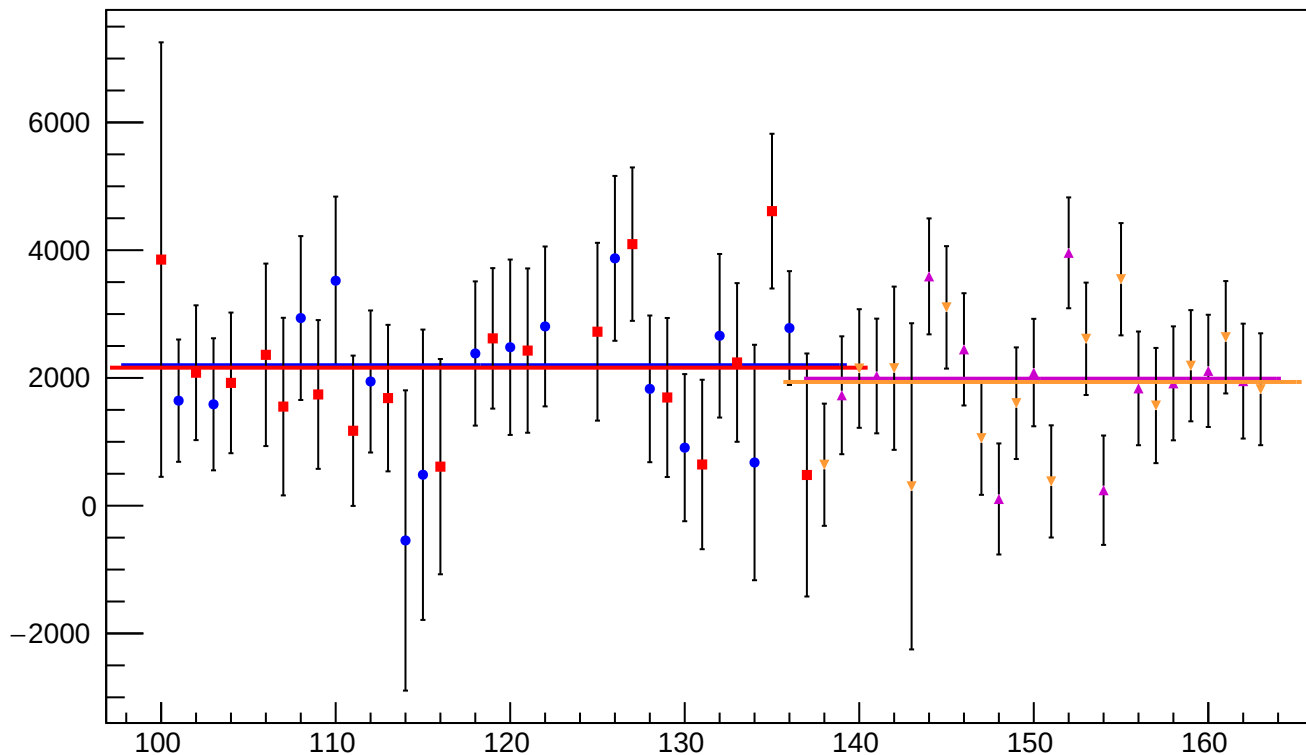


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1936.988+/-252.229

Right Out: 2160.742+/-303.587

Left In: 1987.969+/-254.795

χ^2/NDF : 8.6/15

χ^2/NDF :12.9/13

χ^2/NDF : 11.7/17

χ^2/NDF :17.5/11

Left: 1962.220+/-179.253

Right: 2179.612+/-215.784

In: 2074.071+/-196.004

Out: 2028.365+/-194.007

All: 2050.984+/-137.884

χ^2/NDF : 30.5/25

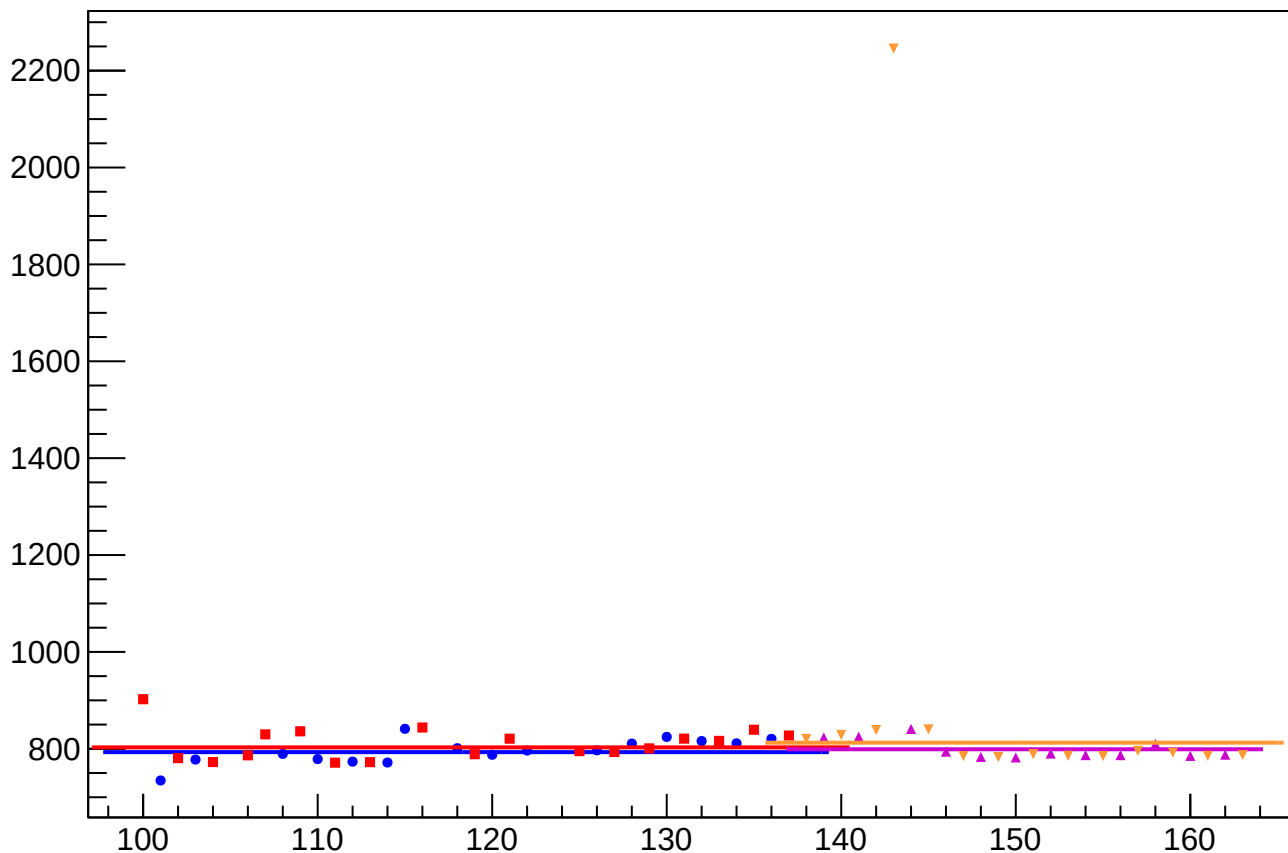
χ^2/NDF : 20.3/33

χ^2/NDF :26.4/27

χ^2/NDF :24.9/31

χ^2/NDF : 51.4/59

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 812.664+/-0.178 χ^2/NDF : 648336.1/13

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

Left In: 799.022+/-0.180 χ^2/NDF : 10918.6/11

Left: 805.912+/-0.127 χ^2/NDF : 662150.5/25

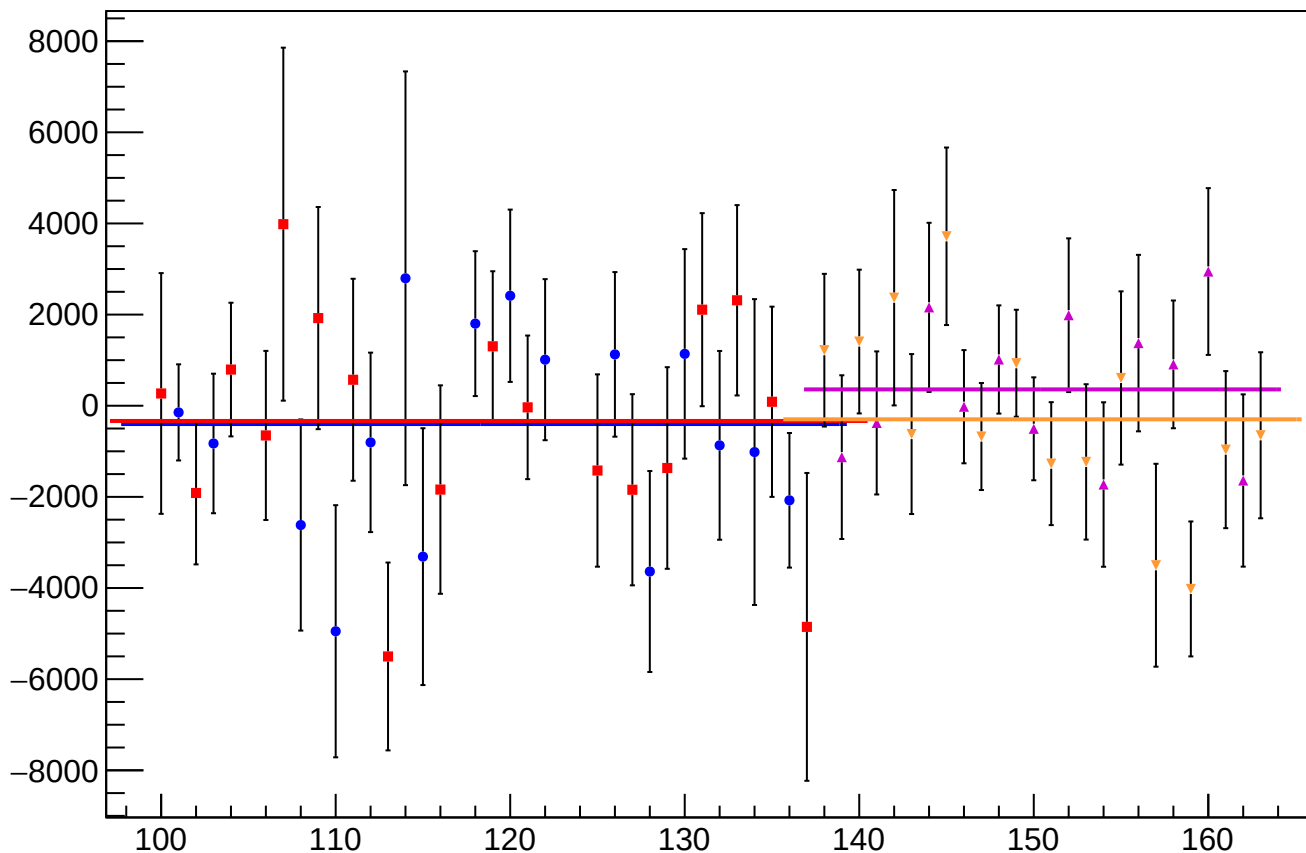
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 796.601+/-0.139 χ^2/NDF : 26064.1/27

Out: 808.696+/-0.137 χ^2/NDF : 663994.2/31

All: 802.710+/-0.097 χ^2/NDF : 693905.0/59

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -298.231 $\pm$ 428.602 χ^2 /NDF:18.4/13

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

Left In: 358.445 $\pm$ 440.180 χ^2 /NDF:8.6/11

Left: 21.357 $\pm$ 307.079 χ^2 /NDF: 28.2/25

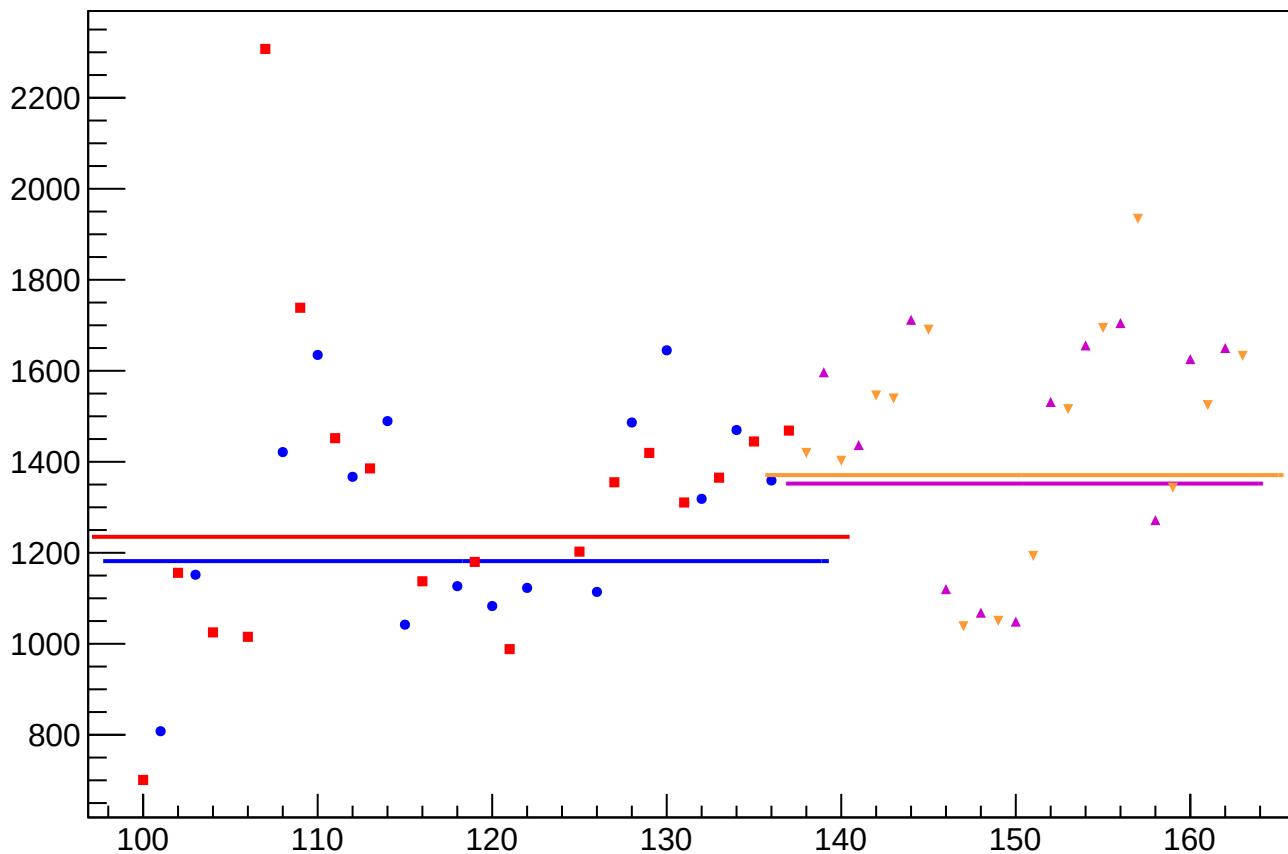
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: 2.288 $\pm$ 320.853 χ^2 /NDF:24.9/27

Out: -314.154 $\pm$ 319.249 χ^2 /NDF:35.8/31

All: -156.726 $\pm$ 226.308 χ^2 /NDF: 61.2/59

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1370.775 $\pm$ 0.303 χ^2 /NDF: 687913.0/13

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

Left In: 1352.132 $\pm$ 0.311 χ^2 /NDF: 693084.2/11

Left: 1361.702 $\pm$ 0.217 χ^2 /NDF: 1382838.9/25

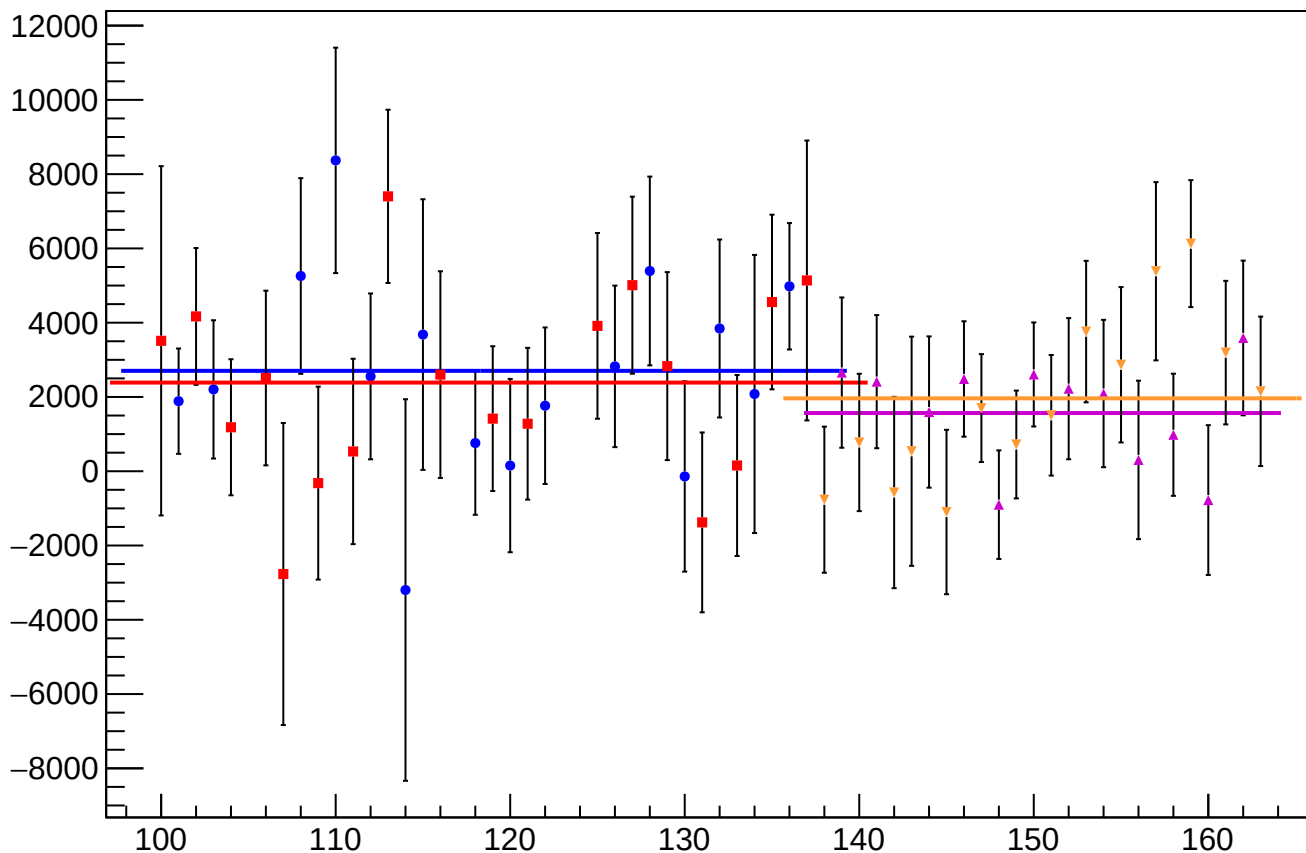
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1272.284 $\pm$ 0.227 χ^2 /NDF: 1376992.0/27

Out: 1310.372 $\pm$ 0.226 χ^2 /NDF: 1317393.6/31

All: 1291.424 $\pm$ 0.160 χ^2 /NDF: 2708547.7/59

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1963.134 $\pm$ 508.140 χ^2 /NDF:15.7/13

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

Left In: 1567.400 $\pm$ 513.996 χ^2 /NDF:7.2/11

Left: 1767.533 $\pm$ 361.362 χ^2 /NDF: 23.3/25

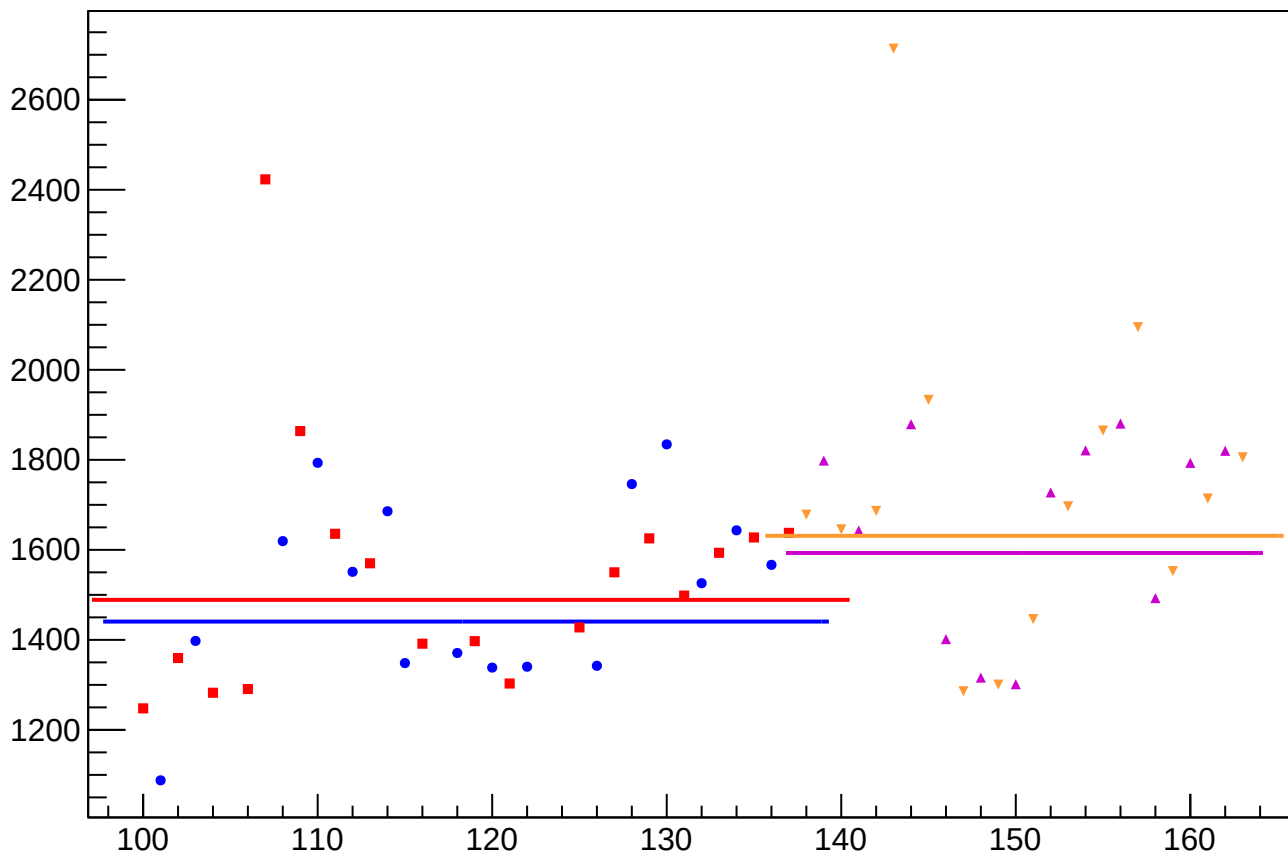
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2082.444 $\pm$ 380.055 χ^2 /NDF:22.5/27

Out: 2151.248 $\pm$ 379.085 χ^2 /NDF:32.1/31

All: 2116.934 $\pm$ 268.396 χ^2 /NDF: 54.6/59

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1631.144 $\pm$ 0.359 χ^2/NDF : 653033.2/13

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

Left In: 1593.073 $\pm$ 0.363 χ^2/NDF : 374035.8/11

Left: 1612.327 $\pm$ 0.256 χ^2/NDF : 1032618.2/25

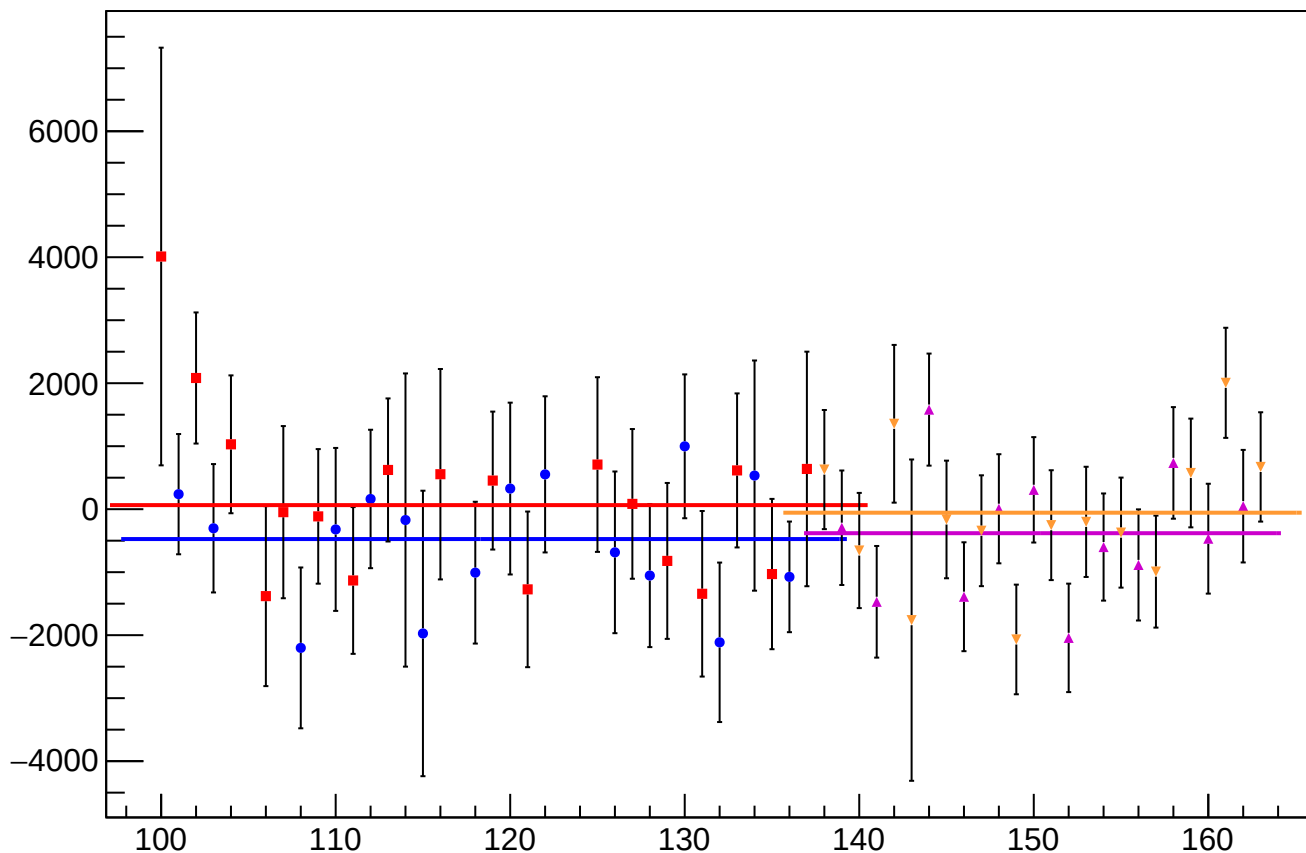
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1523.985 $\pm$ 0.269 χ^2/NDF : 736015.7/27

Out: 1568.086 $\pm$ 0.268 χ^2/NDF : 979331.6/31

All: 1546.092 $\pm$ 0.190 χ^2/NDF : 1728846.2/59

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -55.761 ± 249.676 $\chi^2/\text{NDF}: 16.3/13$

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

Left In: -381.137 ± 252.320 $\chi^2/\text{NDF}: 14.6/11$

Left: -216.736 ± 177.475 $\chi^2/\text{NDF}: 31.7/25$

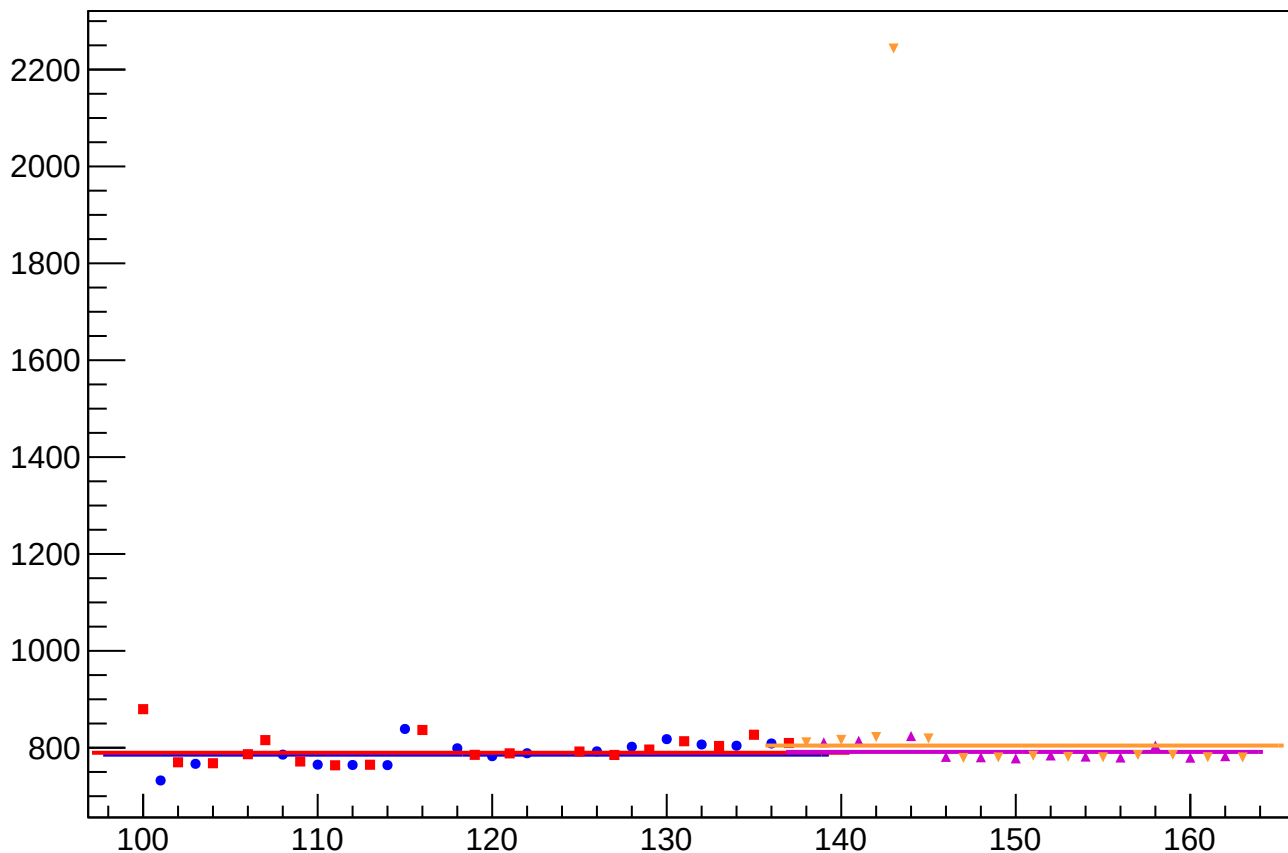
Right: -199.789 ± 212.921 $\chi^2/\text{NDF}: 23.2/33$

In: -419.084 ± 194.133 $\chi^2/\text{NDF}: 23.5/27$

Out: -6.161 ± 191.486 $\chi^2/\text{NDF}: 29.1/31$

All: -209.788 ± 136.327 $\chi^2/\text{NDF}: 54.9/59$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 804.510 $\pm$ 0.177 χ^2 /NDF: 650377.2/13

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

Left In: 791.380 $\pm$ 0.178 χ^2 /NDF: 7867.5/11

Left: 798.014 $\pm$ 0.125 χ^2 /NDF: 660981.0/25

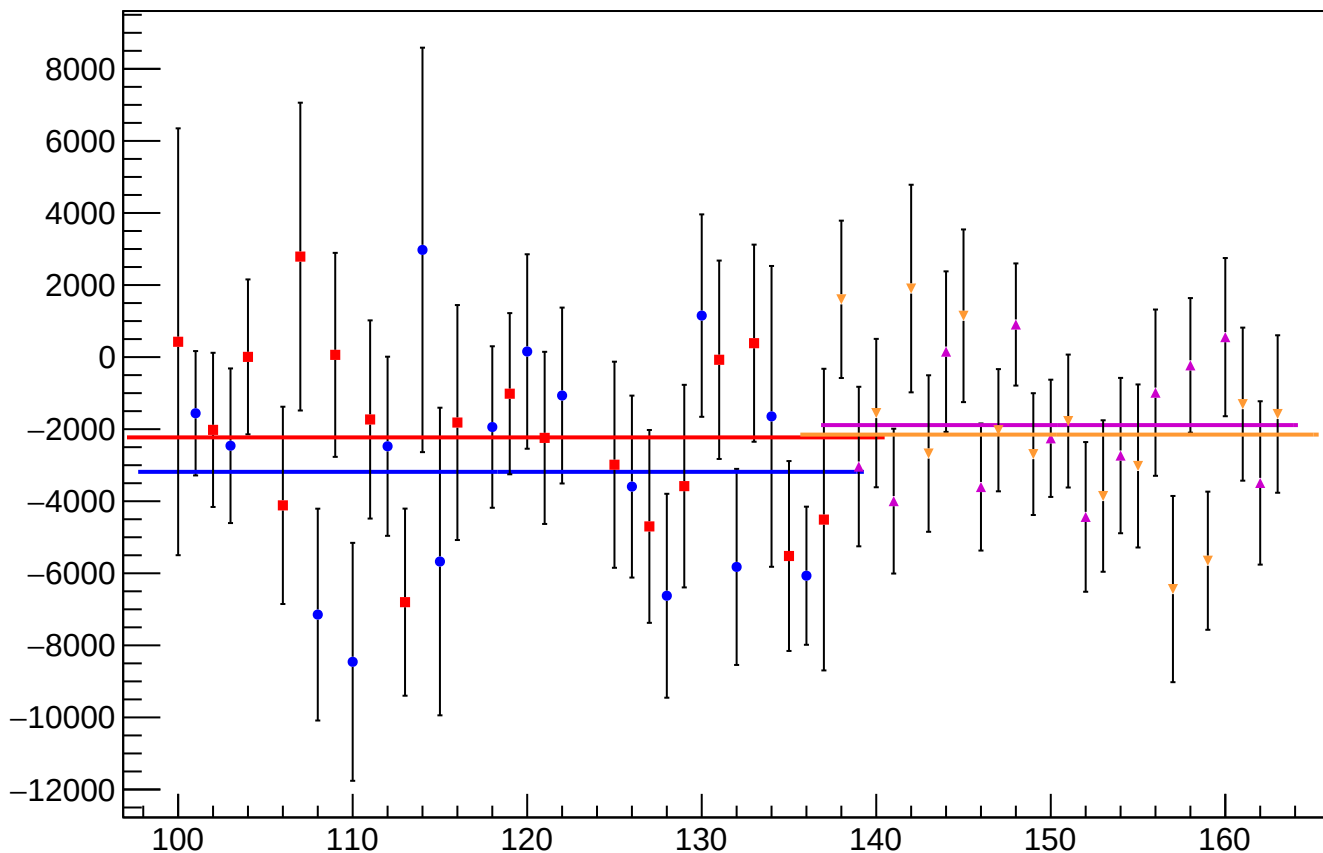
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 789.081 $\pm$ 0.137 χ^2 /NDF: 22196.0/27

Out: 798.401 $\pm$ 0.135 χ^2 /NDF: 664294.7/31

All: 793.805 $\pm$ 0.096 χ^2 /NDF: 688827.0/59

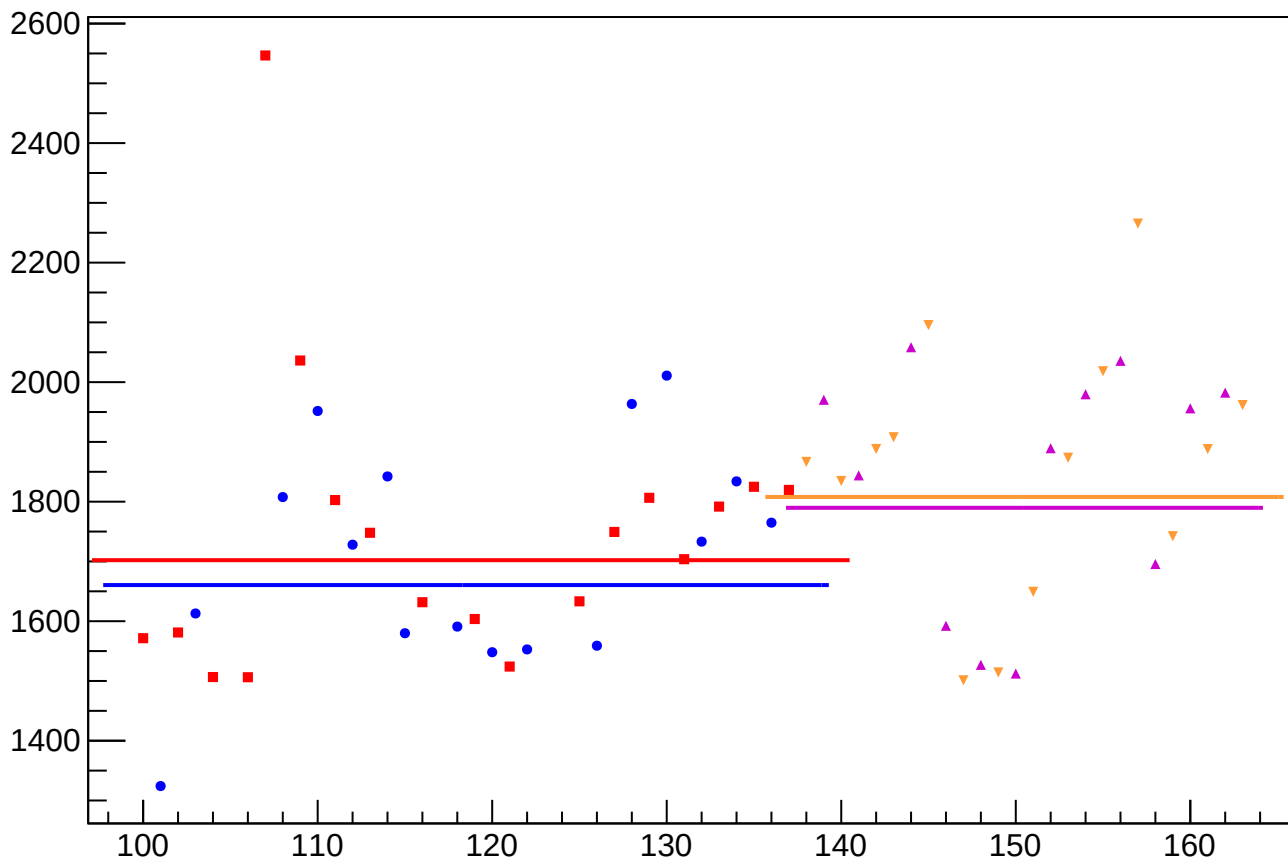
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -2150.841 $\pm$ 557.426 χ^2 /NDF:14.2/13
 Right Out: -2228.093 $\pm$ 648.044 χ^2 /NDF: 11.8/17
 Left In: -1886.857 $\pm$ 575.071 χ^2 /NDF:10.3/11

Left: -2022.961 $\pm$ 400.253 χ^2 /NDF: 24.6/25
 Right: -2706.812 $\pm$ 457.995 χ^2 /NDF: 29.7/33
 In: -2459.218 $\pm$ 429.933 χ^2 /NDF:29.3/27
 Out: -2183.693 $\pm$ 422.597 χ^2 /NDF:26.0/31
 All: -2319.085 $\pm$ 301.381 χ^2 /NDF: 55.6/59

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462 $\pm$ 0.458 χ^2 /NDF: 179206.0/15

Left Out: 1807.893 $\pm$ 0.394 χ^2 /NDF: 273963.6/13

Right Out: 1702.098 $\pm$ 0.458 χ^2 /NDF: 172008.4/17

Left In: 1789.755 $\pm$ 0.407 χ^2 /NDF: 248997.9/11

Left: 1799.107 $\pm$ 0.283 χ^2 /NDF: 523987.3/25

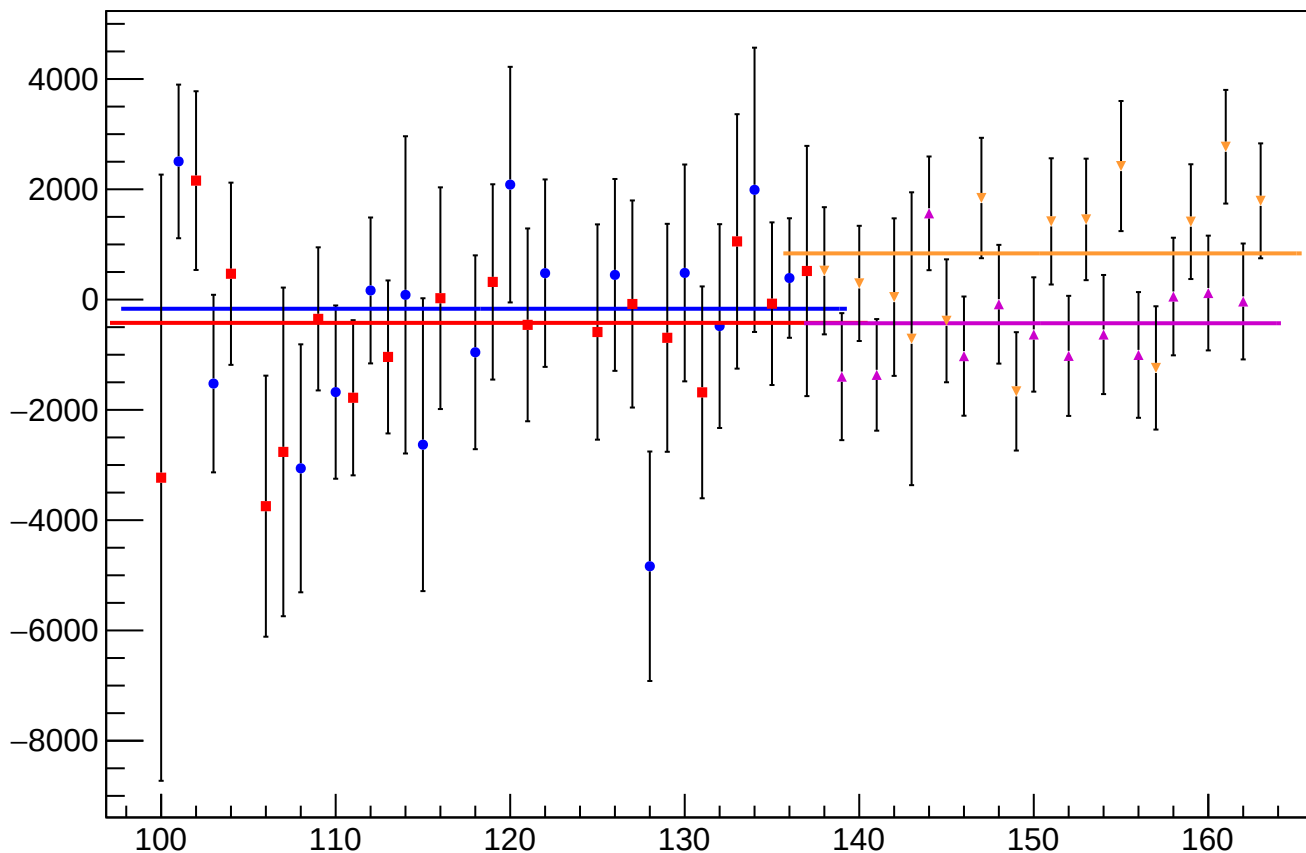
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1732.727 $\pm$ 0.304 χ^2 /NDF: 472794.8/27

Out: 1762.904 $\pm$ 0.299 χ^2 /NDF: 476608.0/31

All: 1748.075 $\pm$ 0.213 χ^2 /NDF: 954414.1/59

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 837.743+/-305.653 χ^2/NDF : 19.0/13

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

Left In: -428.958+/-308.635 χ^2/NDF : 7.0/11

Left: 210.542+/-217.176 χ^2/NDF : 34.4/25

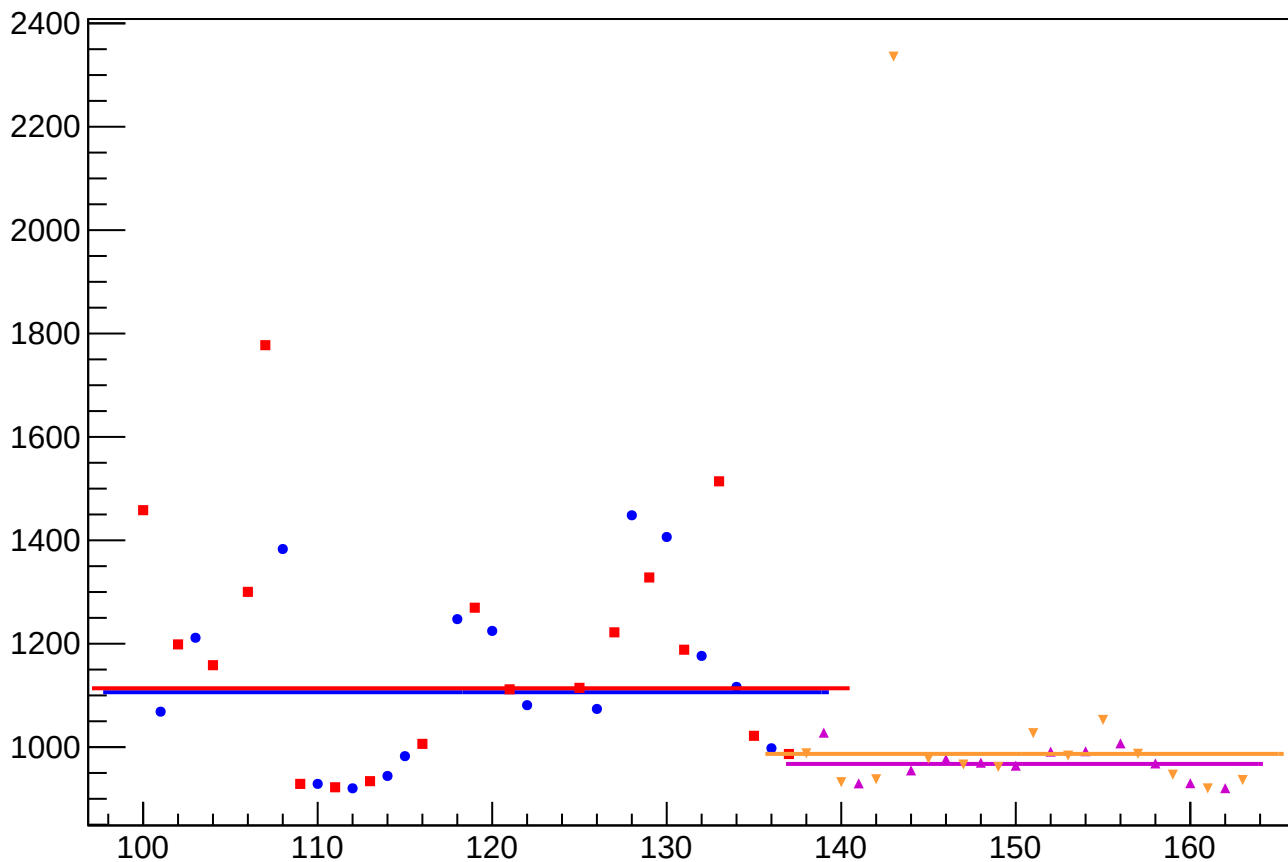
Right: -295.954+/-304.038 χ^2/NDF : 24.0/33

In: -340.402+/-251.263 χ^2/NDF : 22.8/27

Out: 411.250+/-248.604 χ^2/NDF : 32.9/31

All: 39.422+/-176.722 χ^2/NDF : 60.2/59

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 986.883 ± 0.216 $\chi^2/NDF: 550550.7/13$

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

Left In: 967.480 ± 0.218 $\chi^2/NDF: 19723.2/11$

Left: 977.276 ± 0.154 $\chi^2/NDF: 574264.3/25$

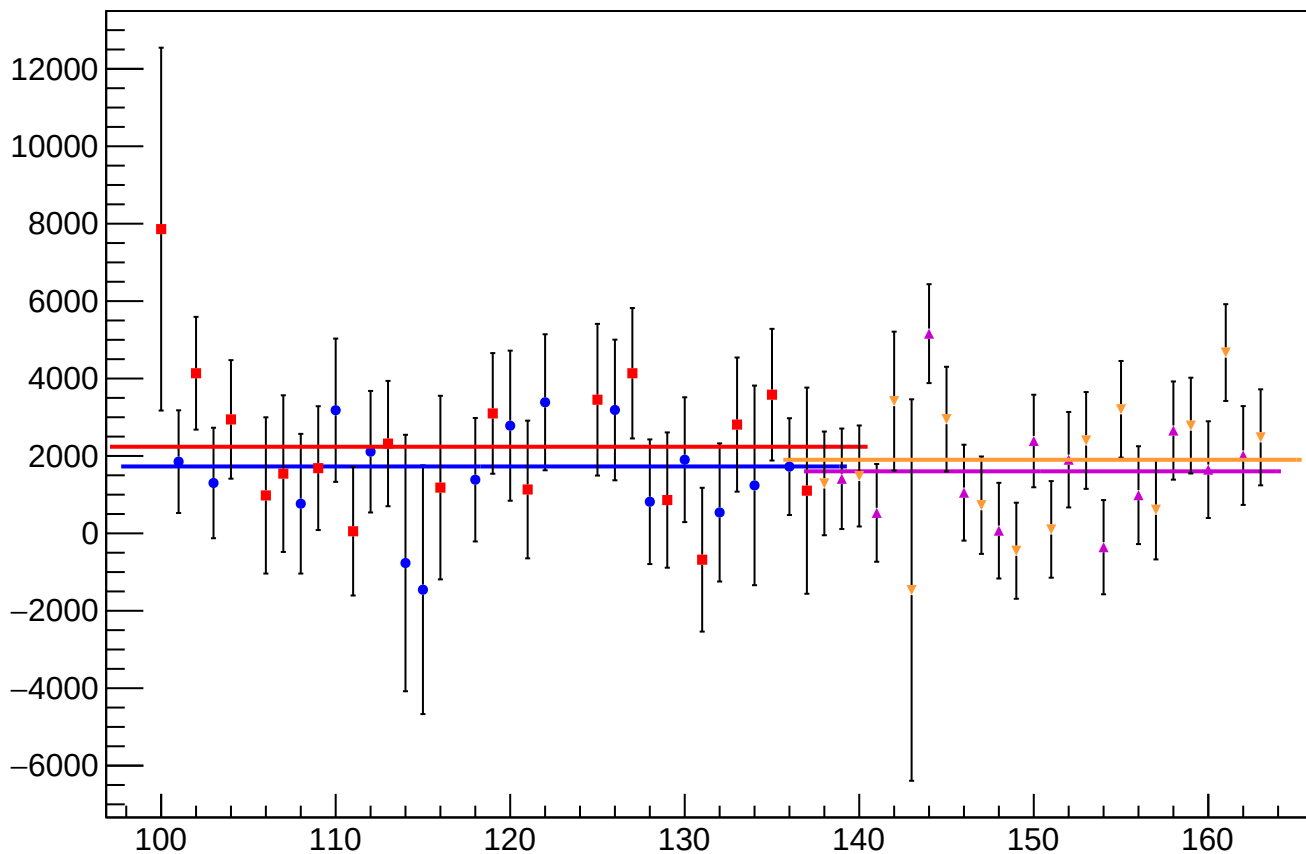
Right: 1110.038 ± 0.215 $\chi^2/NDF: 624528.4/33$

In: 1014.247 ± 0.178 $\chi^2/NDF: 415810.4/27$

Out: 1029.846 ± 0.176 $\chi^2/NDF: 1031595.2/31$

All: 1022.129 ± 0.125 $\chi^2/NDF: 1451301.1/59$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1901.193 $\pm$ 358.098 χ^2 /NDF:16.5/13

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

Left In: 1602.684 $\pm$ 360.976 χ^2 /NDF:14.3/11

Left: 1753.134 $\pm$ 254.225 χ^2 /NDF: 31.2/25

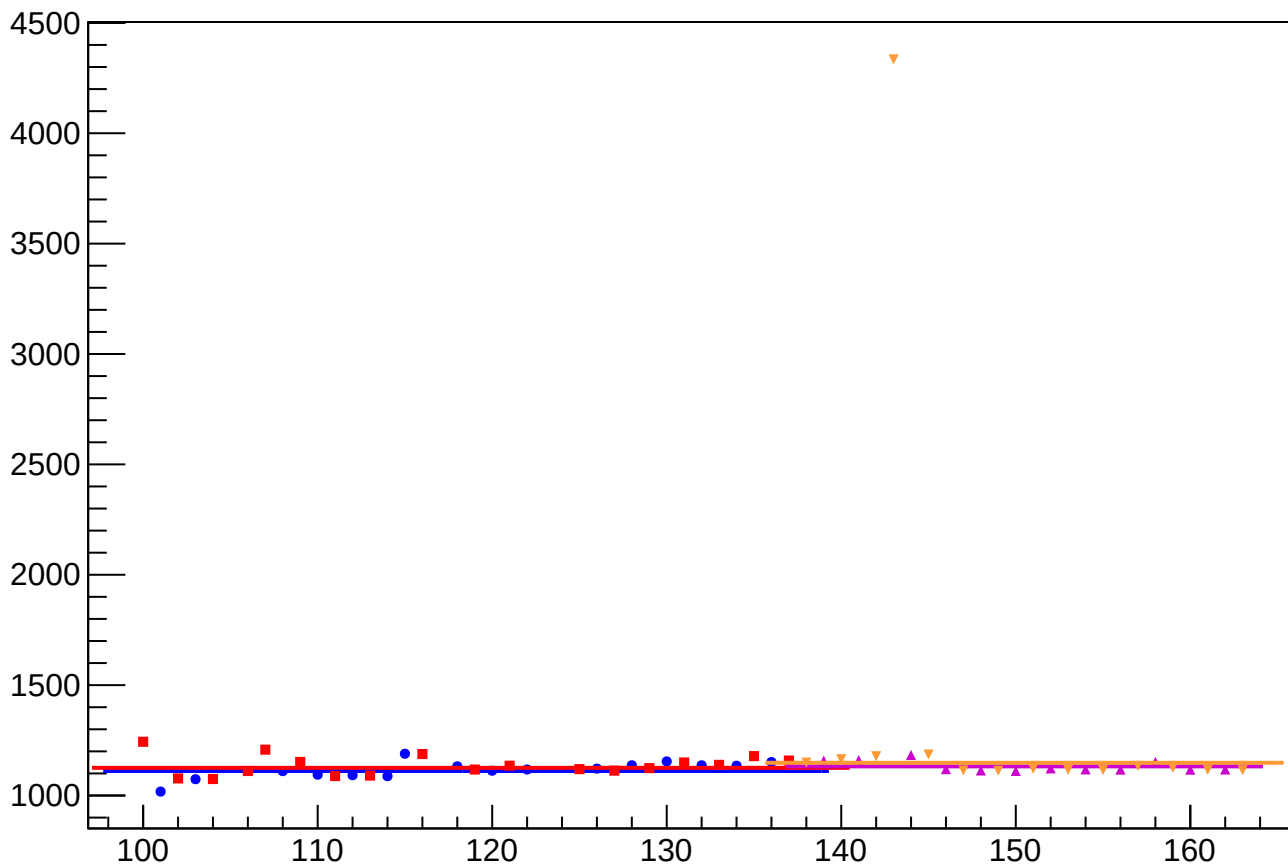
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1654.709 $\pm$ 276.420 χ^2 /NDF:19.7/27

Out: 2040.723 $\pm$ 273.971 χ^2 /NDF:29.1/31

All: 1849.433 $\pm$ 194.587 χ^2 /NDF: 49.8/59

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1148.259+/-0.253 χ^2/NDF : 849063.8/13

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

Left In: 1132.099+/-0.255 χ^2/NDF : 8003.1/11

Left: 1140.244+/-0.180 χ^2/NDF : 859087.2/25

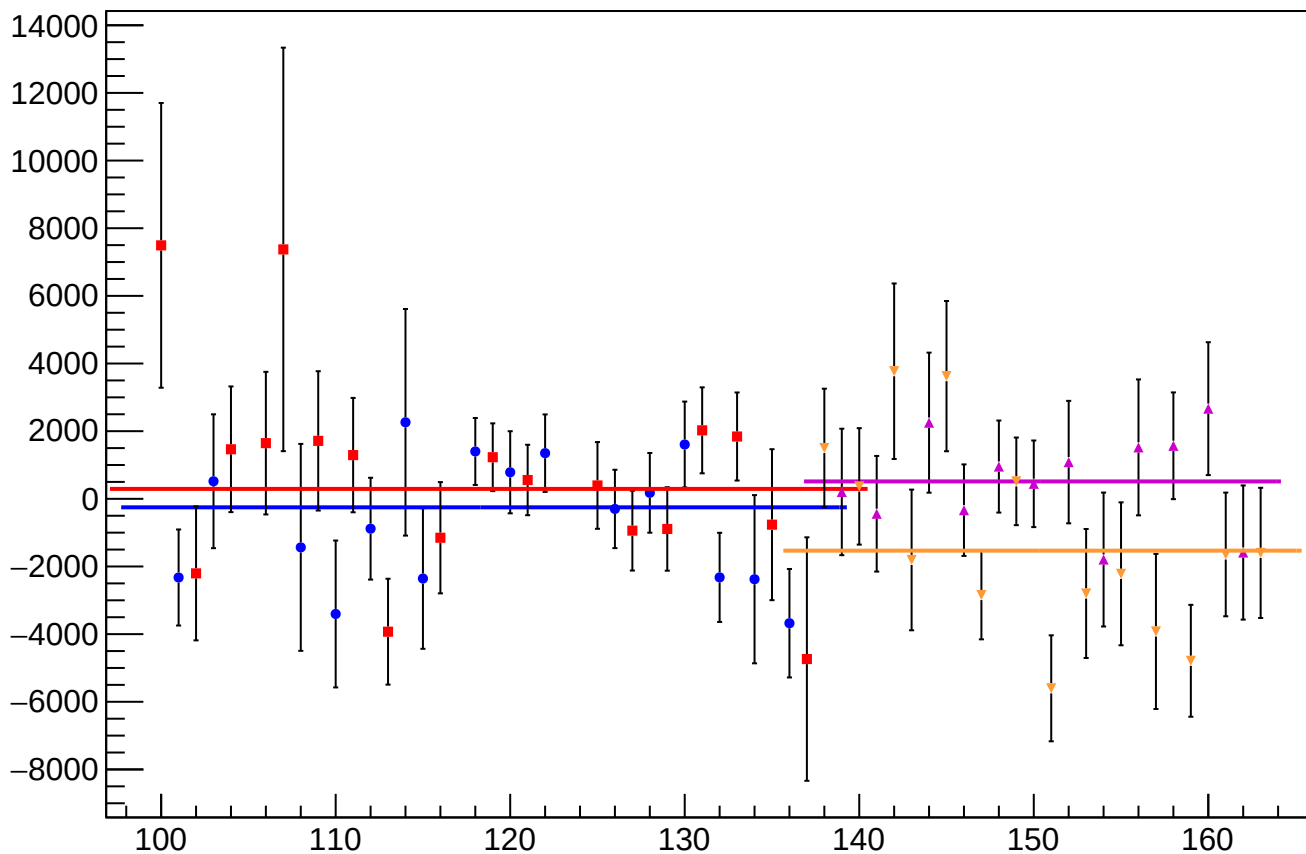
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1123.389+/-0.195 χ^2/NDF : 28908.8/27

Out: 1138.820+/-0.194 χ^2/NDF : 868296.0/31

All: 1131.173+/-0.138 χ^2/NDF : 900348.8/59

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1531.936 ± 473.758 χ^2/NDF : 29.6/13

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

Left In: 514.588 ± 483.257 χ^2/NDF : 6.0/11

Left: -528.986 ± 338.306 χ^2/NDF : 44.7/25

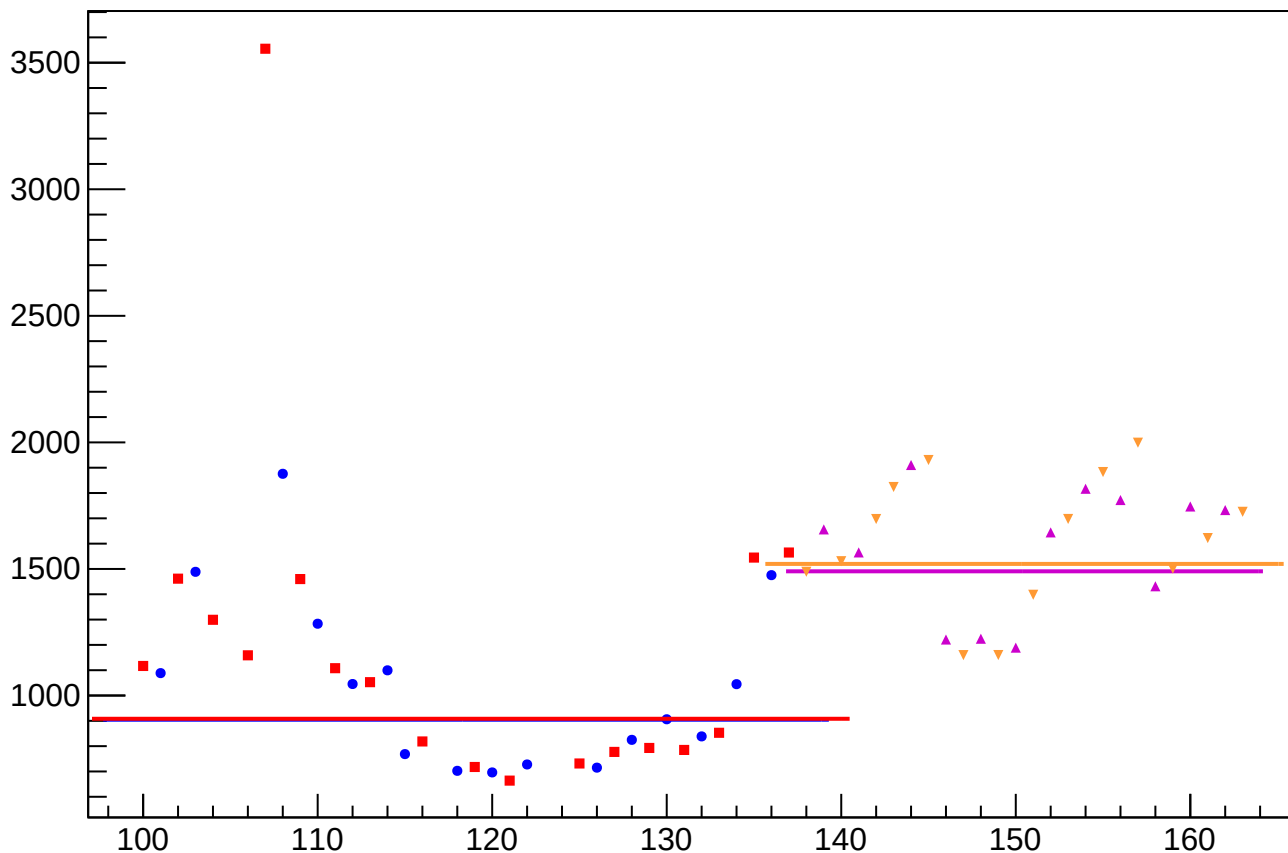
Right: 23.010 ± 257.185 χ^2/NDF : 47.0/33

In: 26.841 ± 291.234 χ^2/NDF : 29.4/27

Out: -380.458 ± 287.887 χ^2/NDF : 63.0/31

All: -179.162 ± 204.740 χ^2/NDF : 93.4/59

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1519.915+/-0.335 χ^2/NDF : 631800.9/13

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

Left In: 1490.685+/-0.342 χ^2/NDF : 543338.4/11

Left: 1505.590+/-0.239 χ^2/NDF : 1178870.3/25

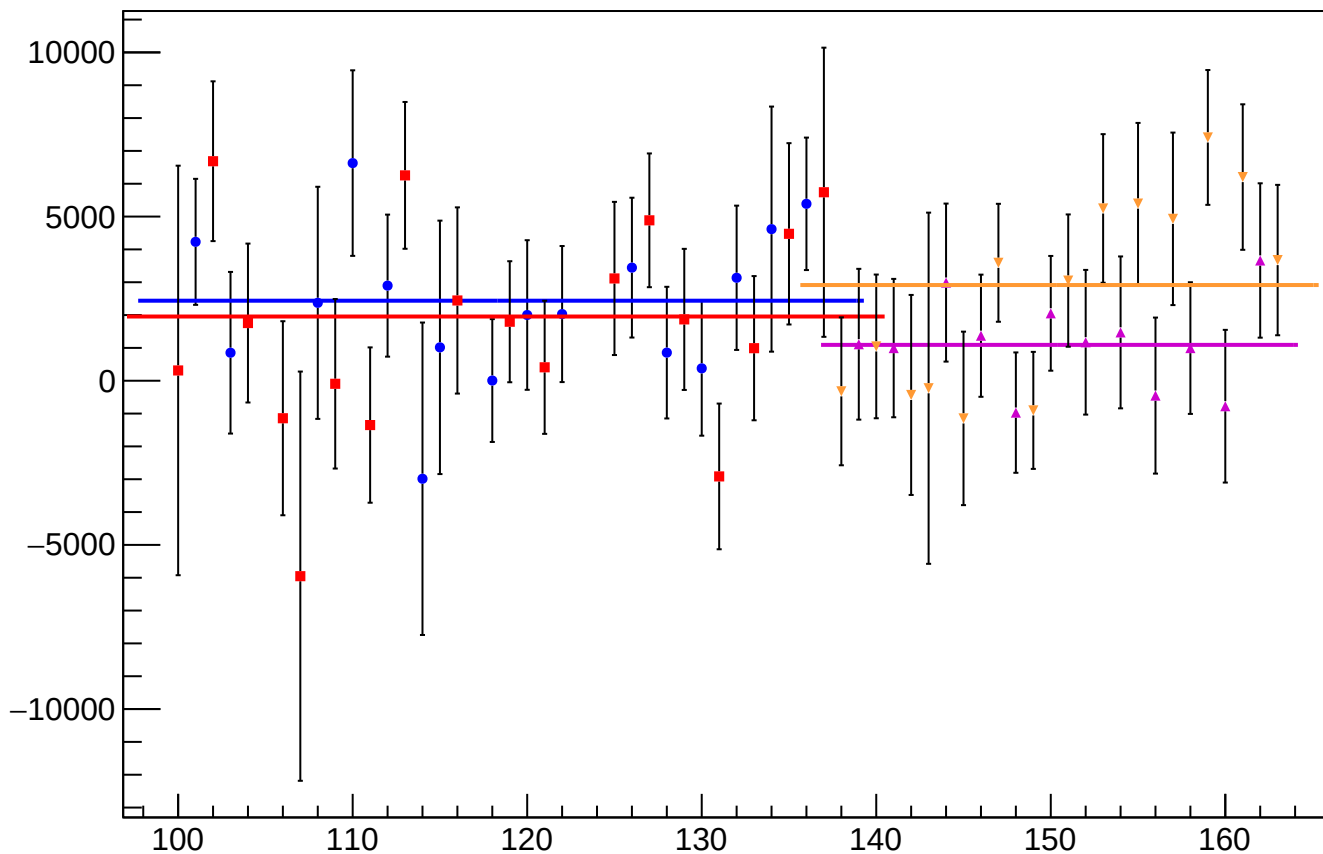
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1117.385+/-0.206 χ^2/NDF : 3438453.4/27

Out: 1134.051+/-0.204 χ^2/NDF : 4116281.9/31

All: 1125.815+/-0.145 χ^2/NDF : 7558047.8/59

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2914.799+/-608.550 χ^2/NDF : 21.2/13

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

Left In: 1092.065+/-610.159 χ^2/NDF : 4.5/11

Left: 2005.839+/-430.878 χ^2/NDF : 30.2/25

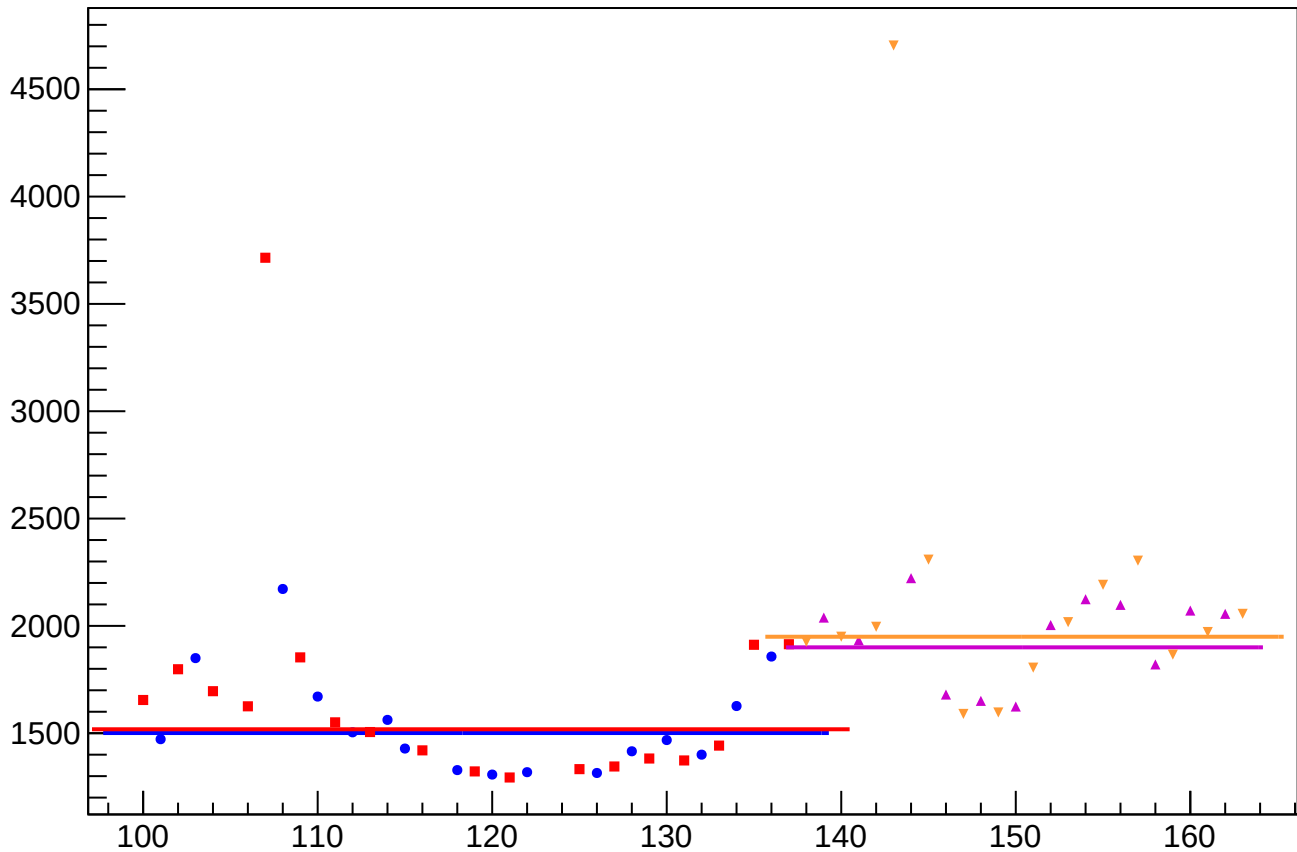
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1791.686+/-422.734 χ^2/NDF : 18.2/27

Out: 2415.693+/-421.394 χ^2/NDF : 44.9/31

All: 2104.680+/-298.443 χ^2/NDF : 64.2/59

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1949.423+/-0.430 χ^2/NDF : 802364.0/13

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

Left In: 1900.024+/-0.431 χ^2/NDF : 218308.7/11

Left: 1924.789+/-0.305 χ^2/NDF : 1027244.6/25

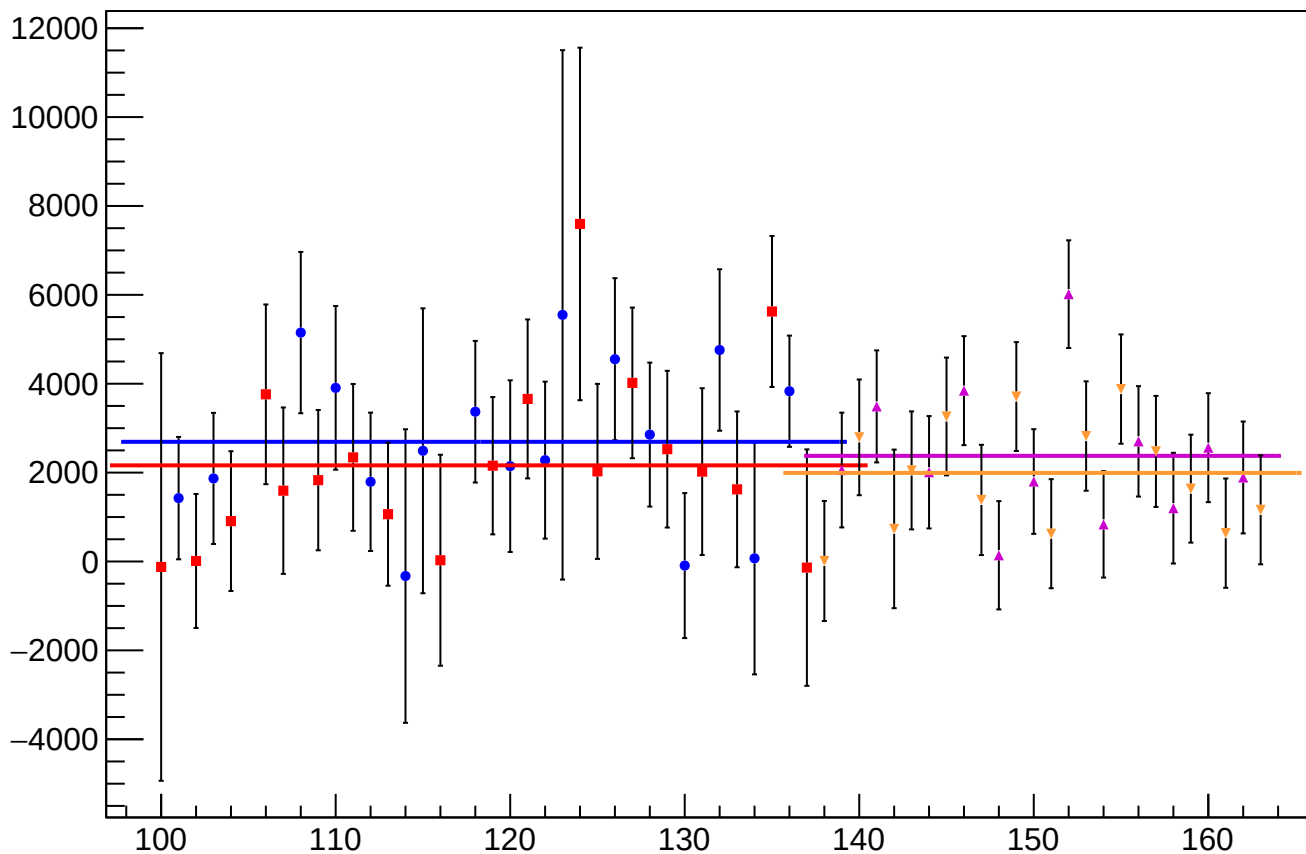
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1692.446+/-0.299 χ^2/NDF : 919690.3/27

Out: 1725.035+/-0.298 χ^2/NDF : 1800783.9/31

All: 1708.792+/-0.211 χ^2/NDF : 2726436.2/59

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1993.323 $\pm$ 342.293 χ^2 /NDF:12.1/13

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

Left In: 2376.974 $\pm$ 356.189 χ^2 /NDF:17.8/11

Left: 2177.519 $\pm$ 246.804 χ^2 /NDF: 30.5/25

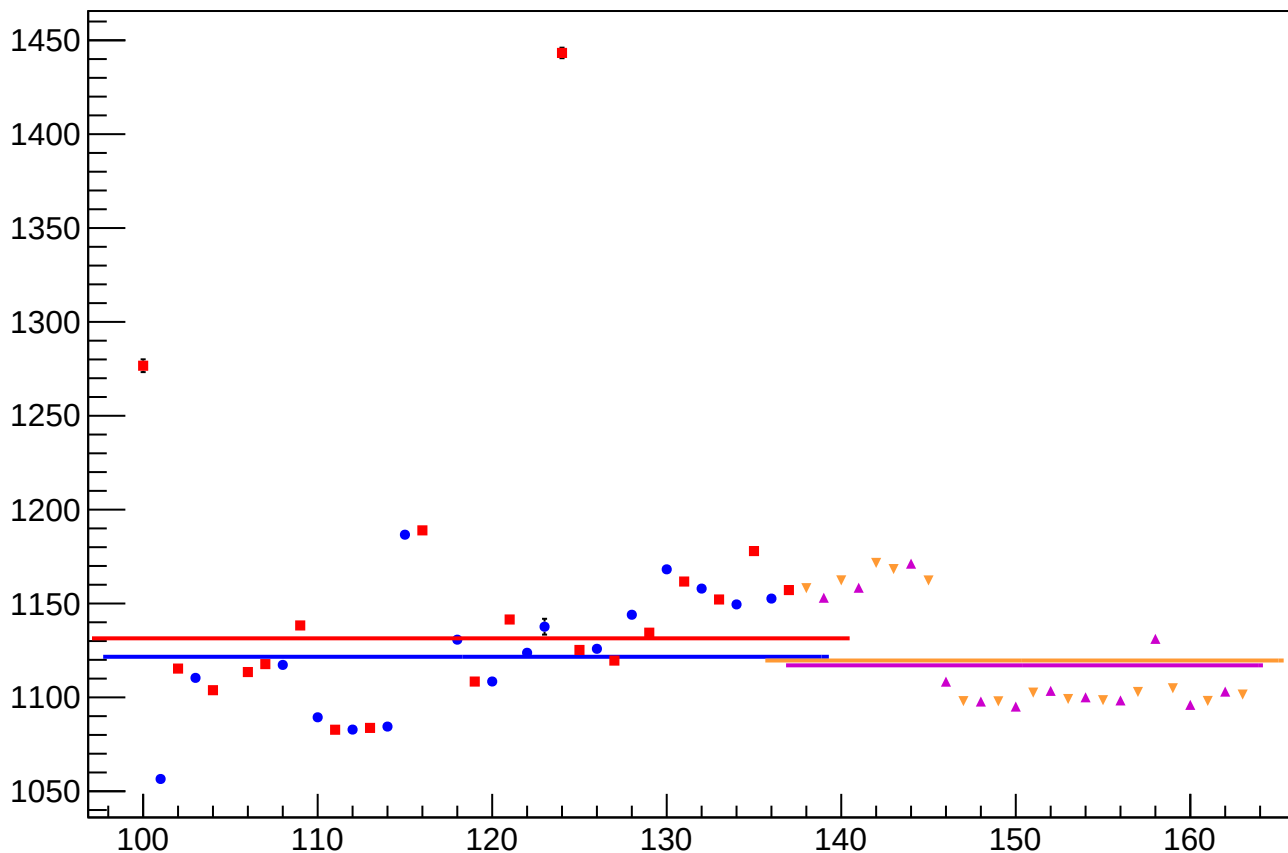
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2504.651 $\pm$ 274.979 χ^2 /NDF:30.3/28

Out: 2060.353 $\pm$ 266.285 χ^2 /NDF:26.0/32

All: 2275.368 $\pm$ 191.292 χ^2 /NDF: 57.7/61

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1119.641 ± 0.242 $\chi^2/\text{NDF}: 14714.7/13$

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

Left In: 1117.061 ± 0.252 $\chi^2/\text{NDF}: 10875.6/11$

Left: 1118.402 ± 0.175 $\chi^2/\text{NDF}: 25644.8/25$

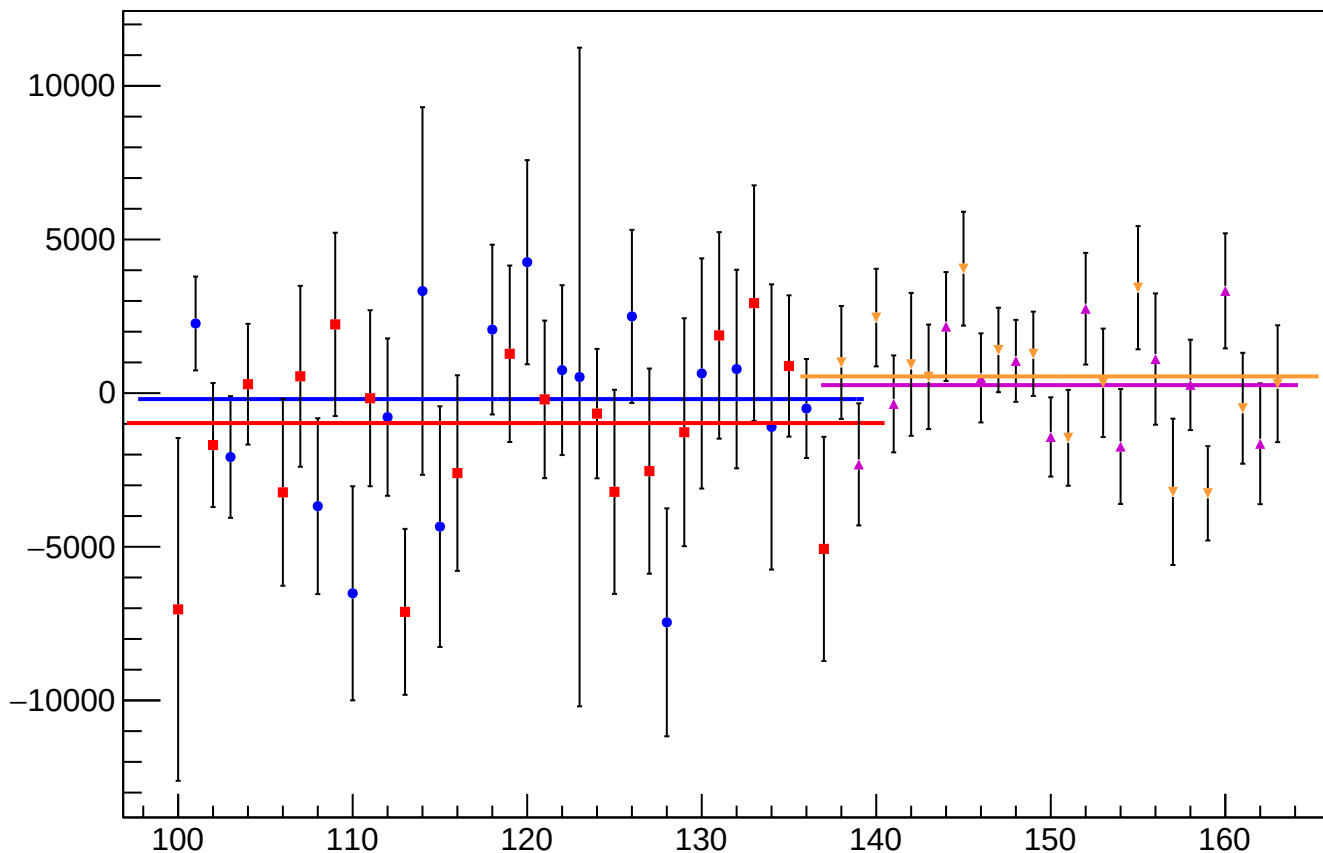
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1118.905 ± 0.194 $\chi^2/\text{NDF}: 22988.6/28$

Out: 1124.303 ± 0.188 $\chi^2/\text{NDF}: 38766.5/32$

All: 1121.691 ± 0.135 $\chi^2/\text{NDF}: 62152.8/61$

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 544.807+/-459.265 χ^2/NDF : 18.5/13

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

Left In: 261.179+/-475.341 χ^2/NDF : 11.9/11

Left: 407.870+/-330.287 χ^2/NDF : 30.6/25

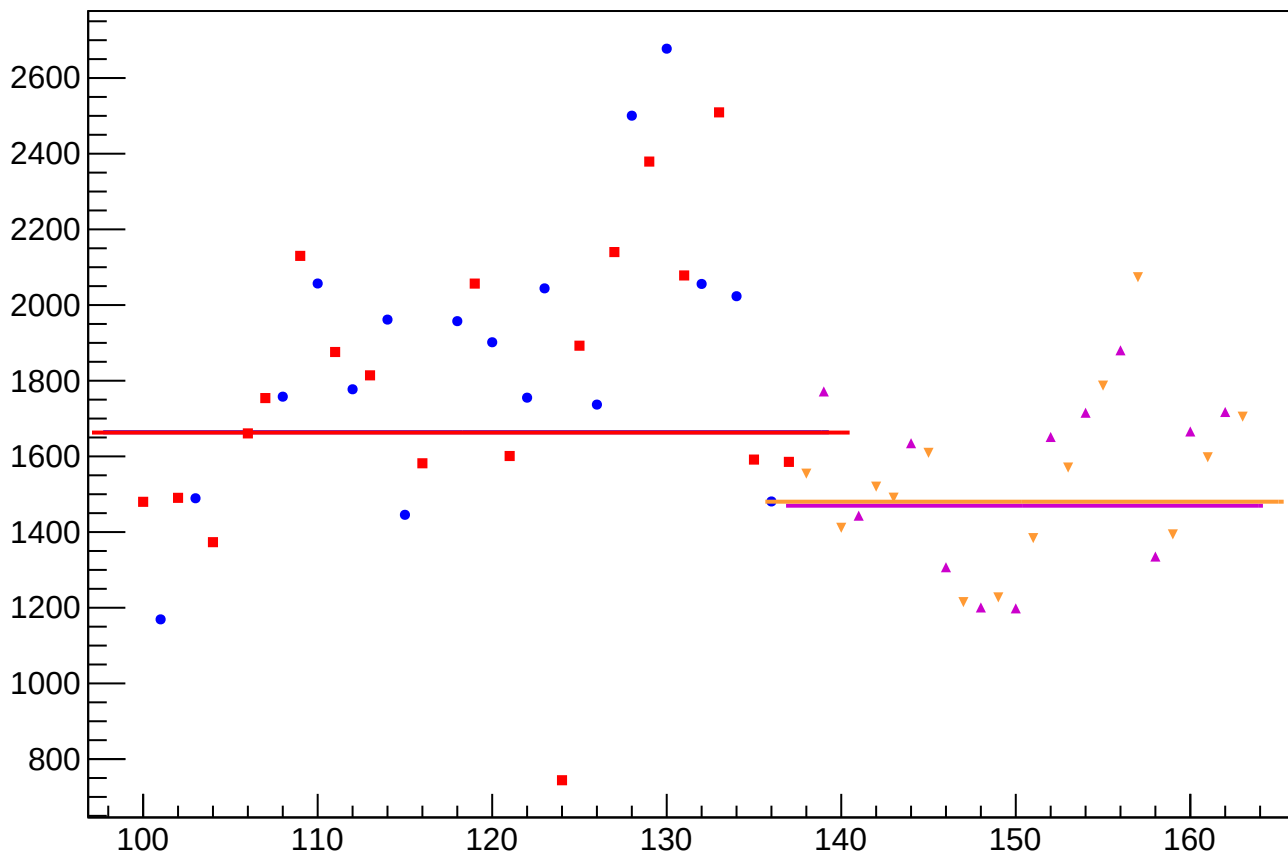
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 106.054+/-385.788 χ^2/NDF : 29.5/28

Out: 34.133+/-374.126 χ^2/NDF : 36.5/32

All: 68.990+/-268.575 χ^2/NDF : 66.0/61

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1480.277+/-0.325 χ^2/NDF : 386665.5/13

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

Left In: 1469.731+/-0.336 χ^2/NDF : 457876.0/11

Left: 1475.185+/-0.234 χ^2/NDF : 845050.6/25

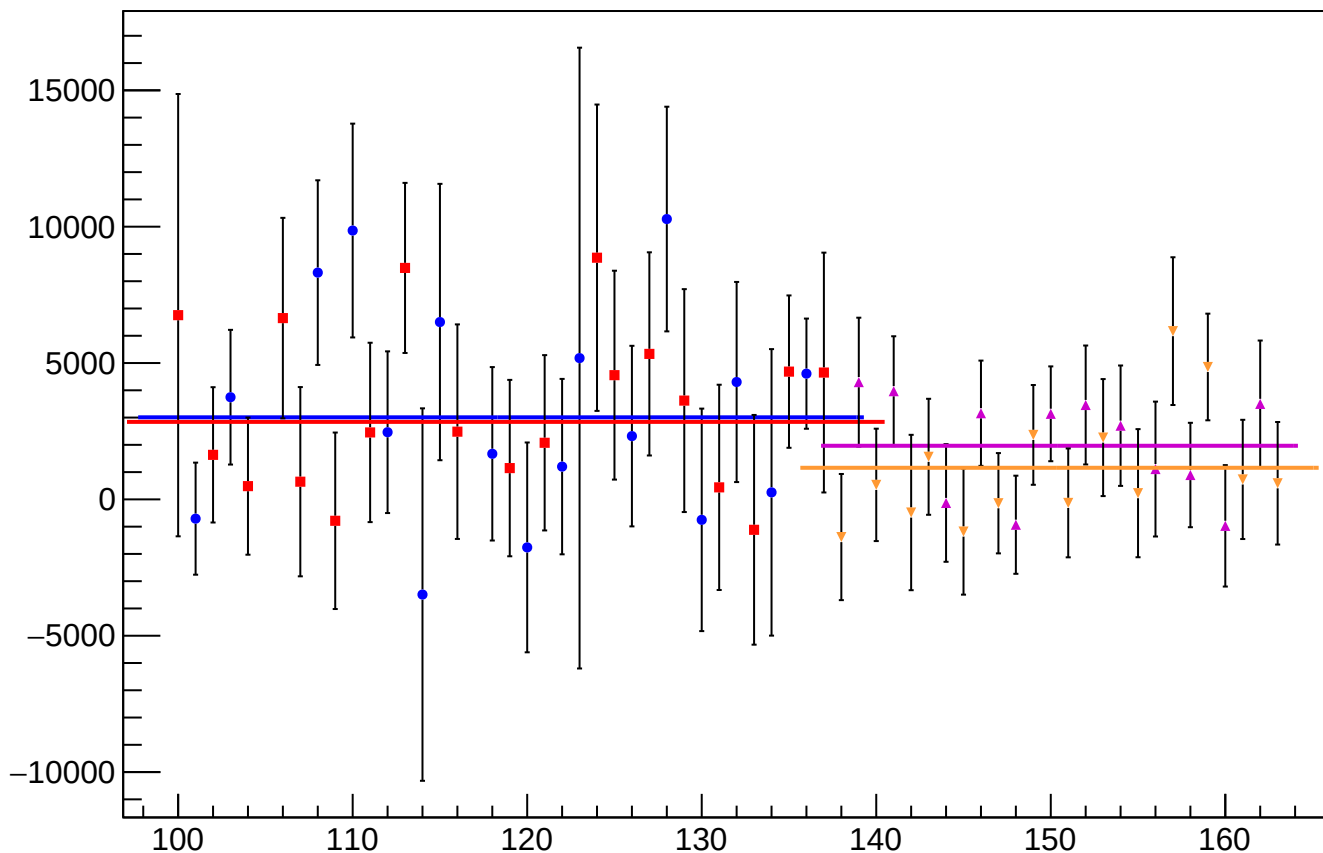
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1535.960+/-0.273 χ^2/NDF : 1194110.1/28

Out: 1541.740+/-0.265 χ^2/NDF : 1298120.5/32

All: 1538.938+/-0.190 χ^2/NDF : 2492461.9/63

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1158.638+/-577.108 χ^2/NDF : 11.6/13

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

Left In: 1966.105+/-598.957 χ^2/NDF : 9.5/11

Left: 1547.375+/-415.586 χ^2/NDF : 22.0/25

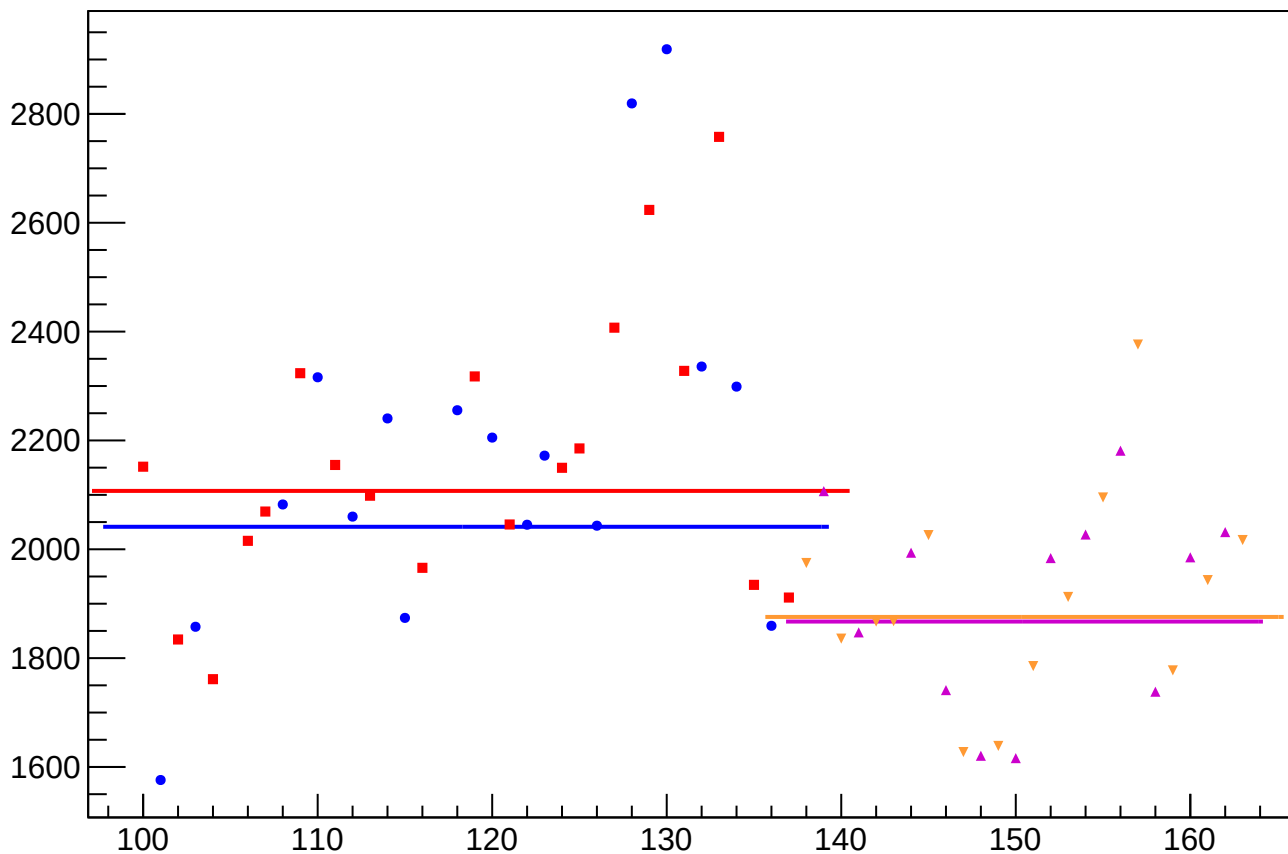
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2340.991+/-479.389 χ^2/NDF : 28.0/28

Out: 1738.879+/-467.176 χ^2/NDF : 25.9/32

All: 2032.167+/-334.578 χ^2/NDF : 54.7/61

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1875.689 $\pm$ 0.408 χ^2 /NDF:188250.2/13

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

Left In: 1867.195 $\pm$ 0.424 χ^2 /NDF:188554.5/11

Left: 1871.600 $\pm$ 0.294 χ^2 /NDF: 377013.3/25

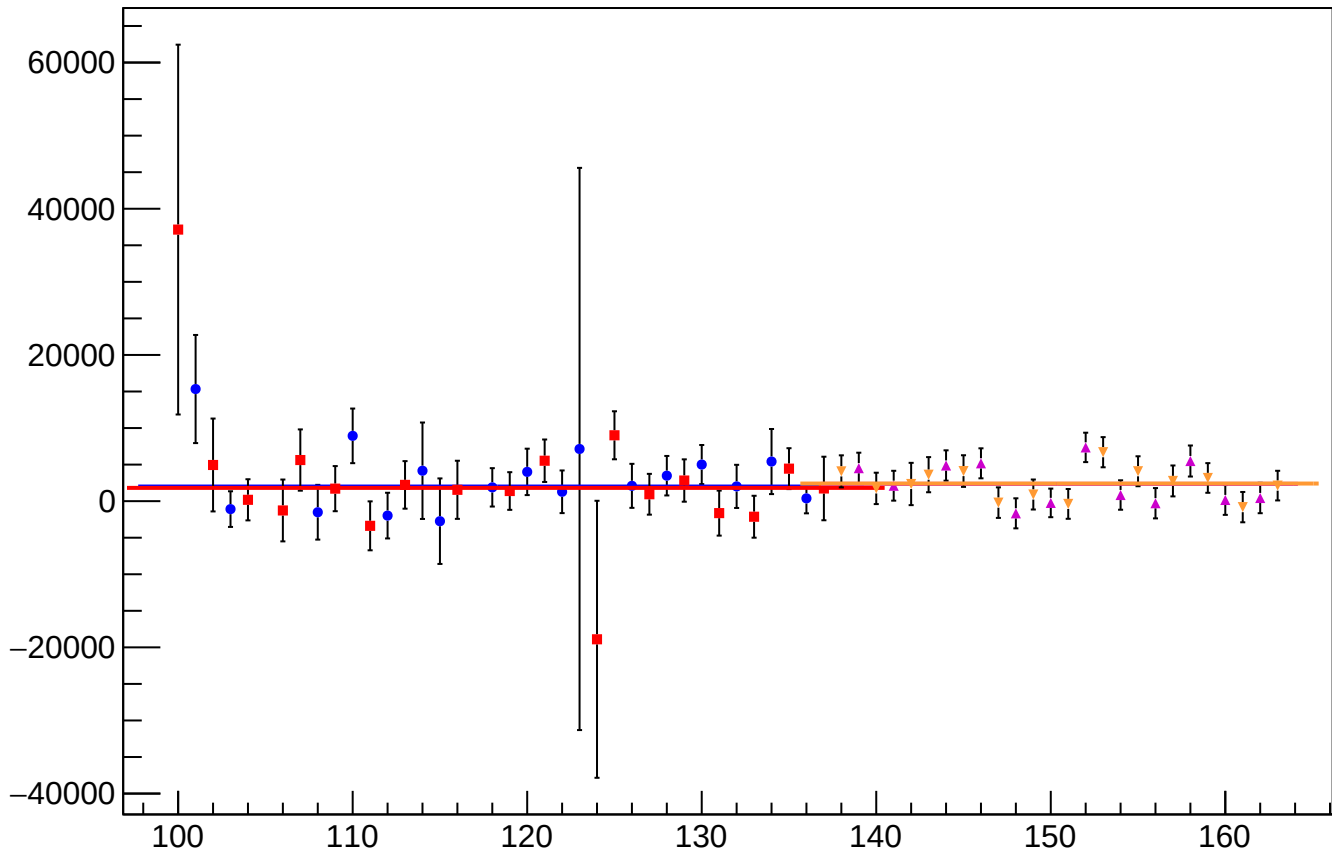
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1929.786 $\pm$ 0.339 χ^2 /NDF:587760.5/28

Out: 1955.515 $\pm$ 0.330 χ^2 /NDF:496045.7/32

All: 1942.982 $\pm$ 0.237 χ^2 /NDF: 1086760.9/63

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2408.257+/-572.221 χ^2/NDF :13.1/13

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

Left In: 2362.905+/-592.297 χ^2/NDF :22.6/11

Left: 2386.363+/-411.536 χ^2/NDF : 35.7/25

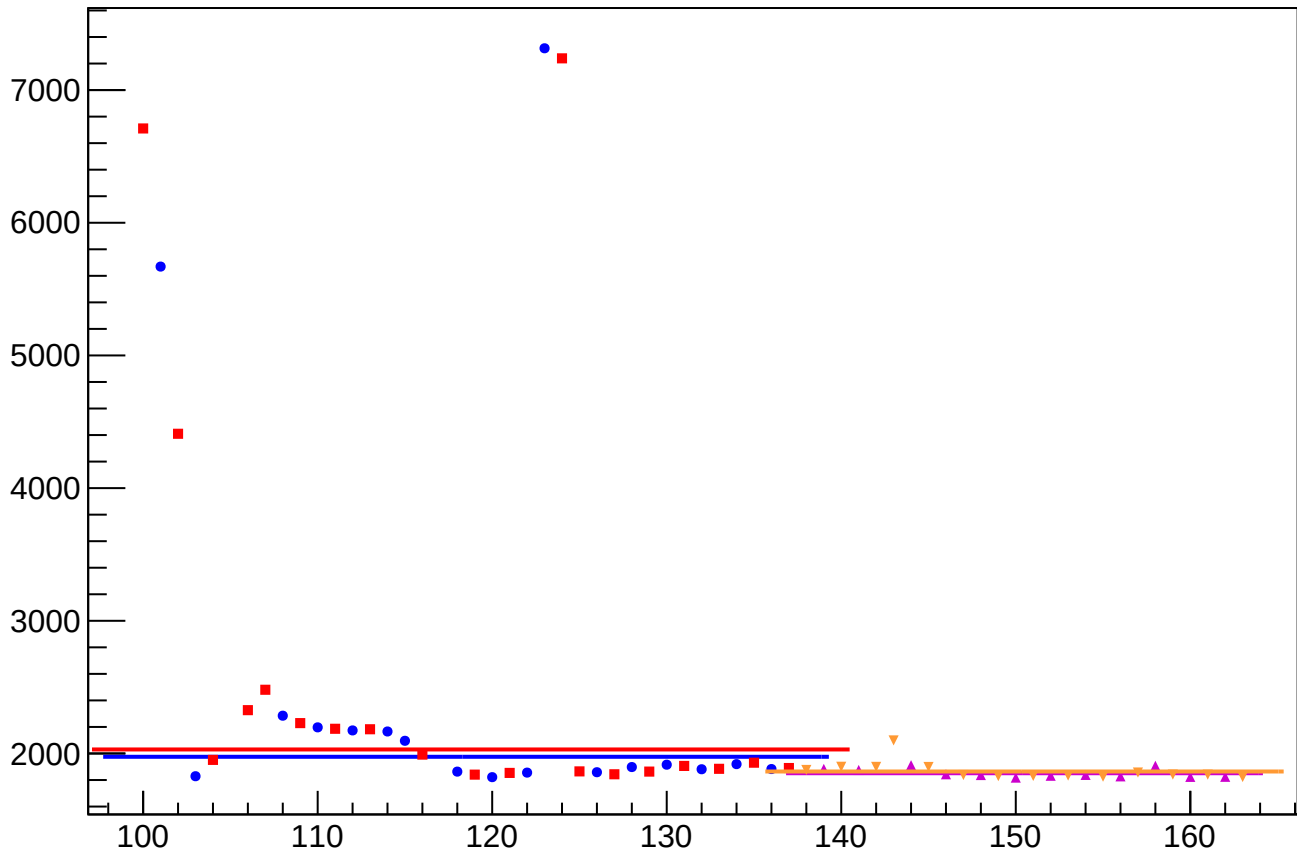
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2230.490+/-472.067 χ^2/NDF :37.5/28

Out: 2201.391+/-461.682 χ^2/NDF :31.7/32

All: 2215.617+/-330.069 χ^2/NDF : 69.2/61

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1864.286+/-0.405 χ^2/NDF : 24414.5/13

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

Left In: 1851.162+/-0.419 χ^2/NDF : 5784.0/11

Left: 1857.950+/-0.291 χ^2/NDF : 30706.4/25

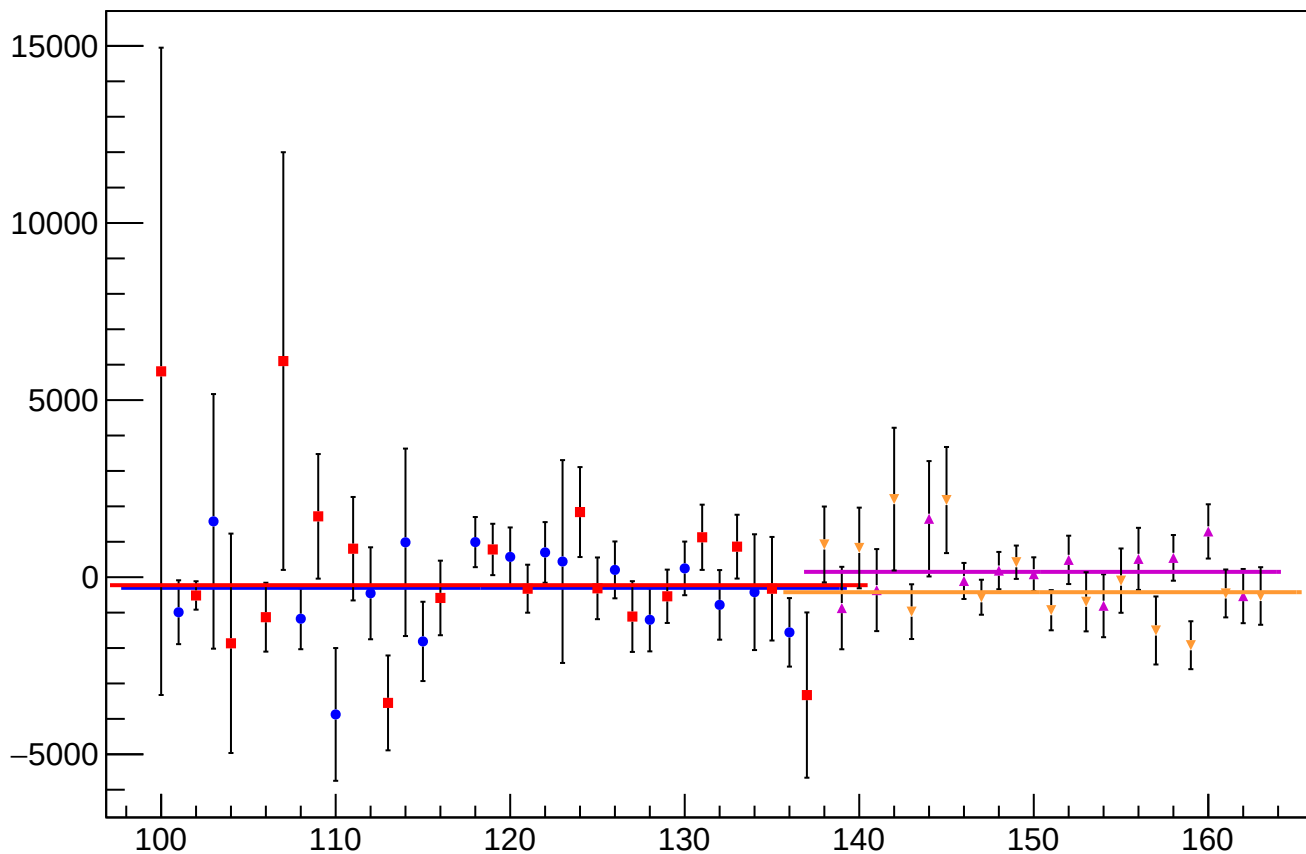
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1896.375+/-0.334 χ^2/NDF : 637564.1/28

Out: 1922.246+/-0.326 χ^2/NDF : 687124.9/32

All: 1909.598+/-0.233 χ^2/NDF : 1327759.3/63

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -423.292 ± 198.639 χ^2/NDF : 18.5/13

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

Left In: 150.531 ± 202.992 χ^2/NDF : 7.1/11

Left: -142.599 ± 141.973 χ^2/NDF : 29.7/25

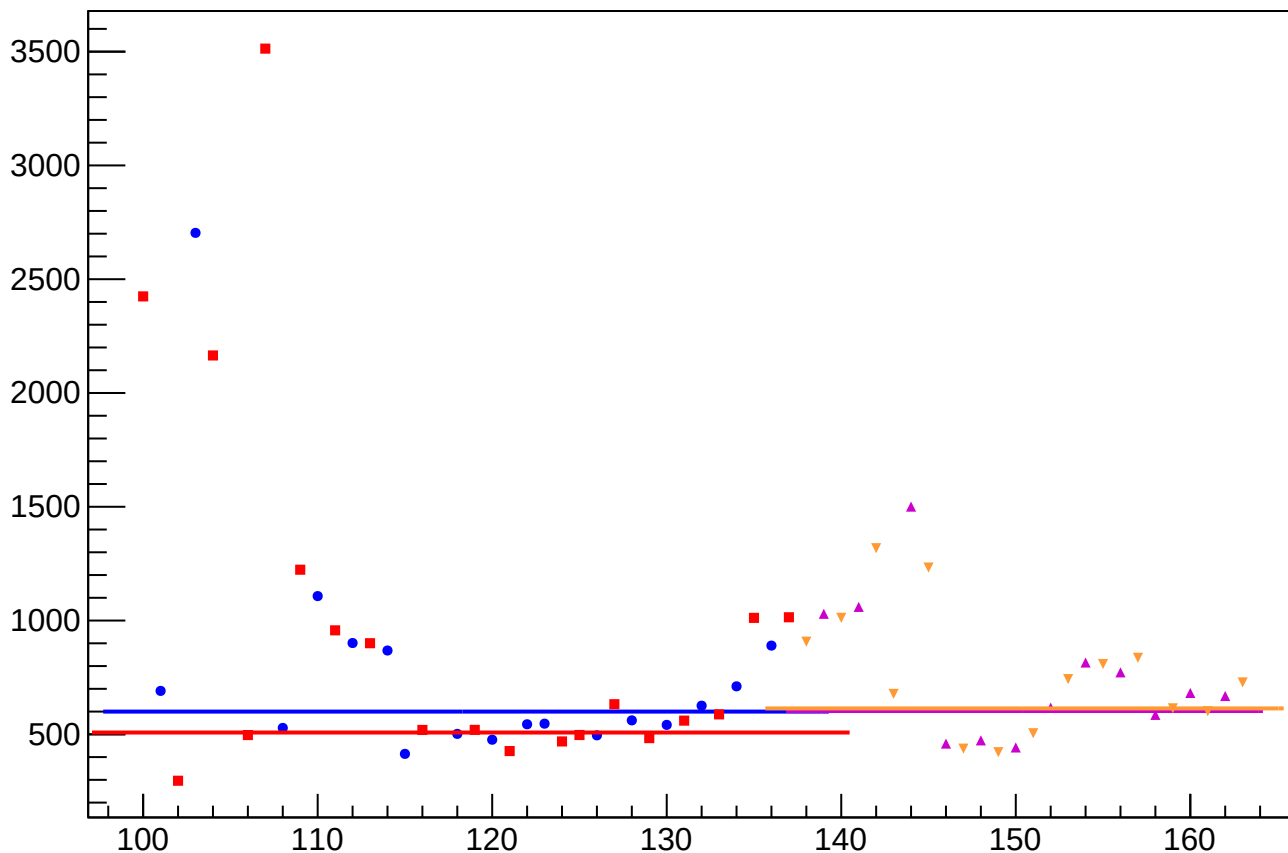
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -31.426 ± 156.728 χ^2/NDF : 26.4/28

Out: -332.433 ± 146.077 χ^2/NDF : 41.2/32

All: -192.505 ± 106.859 χ^2/NDF : 69.6/61

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 613.829+/-0.140 χ^2/NDF : 1945556.5/13

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

Left In: 602.524+/-0.144 χ^2/NDF : 1923354.9/11

Left: 608.299+/-0.100 χ^2/NDF : 3872080.2/25

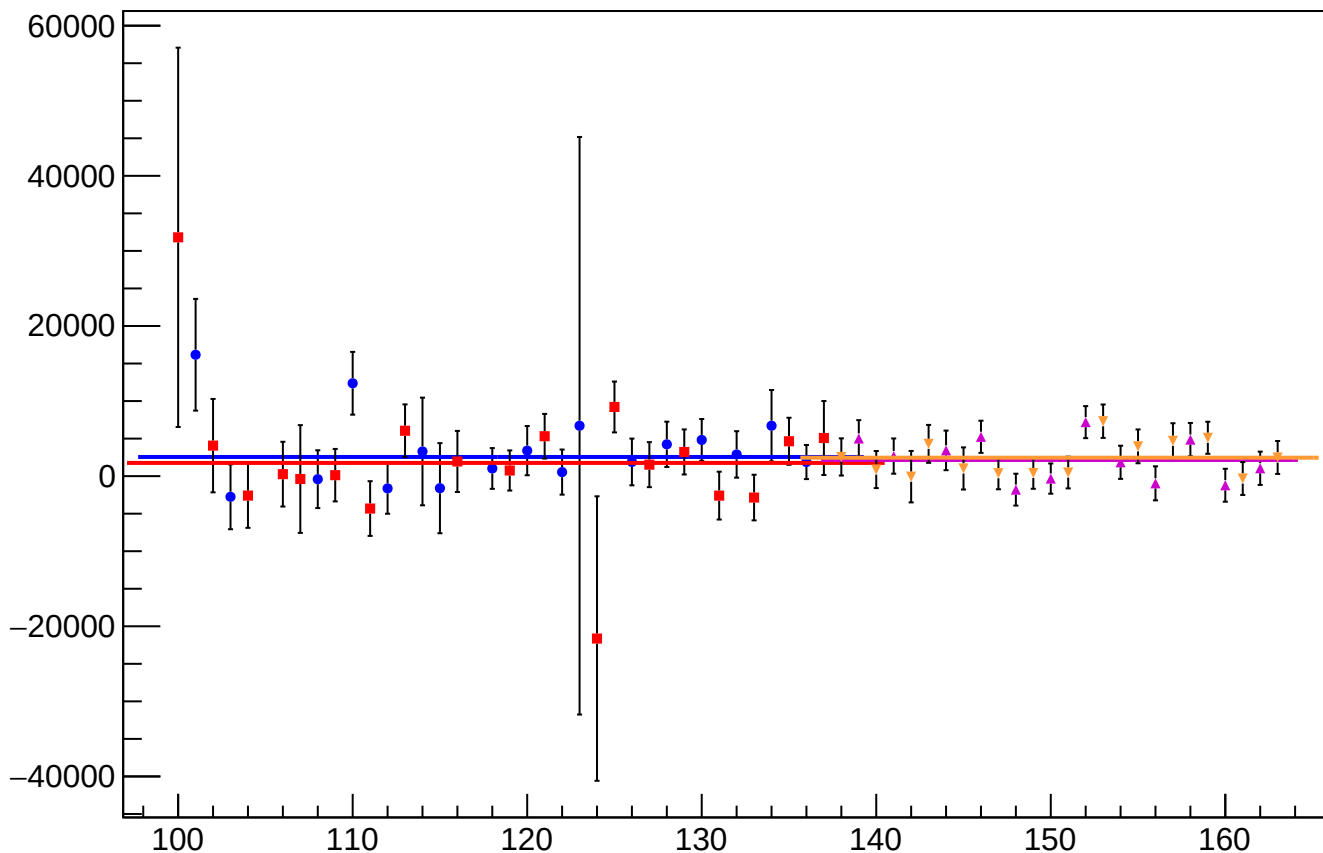
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 601.486+/-0.111 χ^2/NDF : 3304533.9/28

Out: 565.205+/-0.103 χ^2/NDF : 5055410.6/32

All: 582.071+/-0.076 χ^2/NDF : 8417296.3/61

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2456.953 $\pm$ 622.454 χ^2 /NDF:13.8/13

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

Left In: 2154.646 $\pm$ 643.643 χ^2 /NDF:20.3/11

Left: 2310.857 $\pm$ 447.445 χ^2 /NDF: 34.2/25

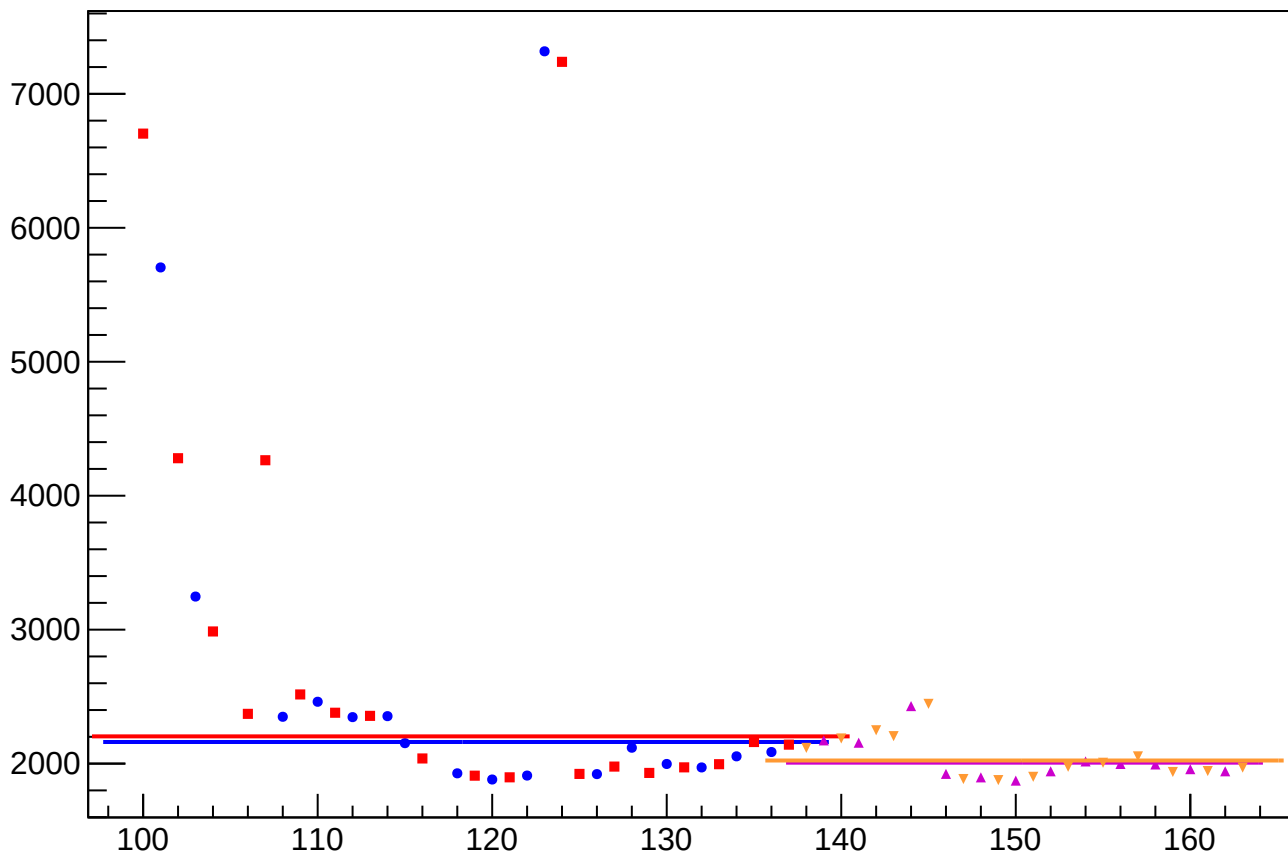
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2298.115 $\pm$ 515.069 χ^2 /NDF:36.2/28

Out: 2215.921 $\pm$ 503.156 χ^2 /NDF:35.2/32

All: 2256.057 $\pm$ 359.923 χ^2 /NDF: 71.3/61

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 $\pm$ 0.607 χ^2 /NDF: 711253.3/16

Left Out: 2023.209 $\pm$ 0.440 χ^2 /NDF:109196.8/13

Right Out: 2203.343 $\pm$ 0.604 χ^2 /NDF: 797393.2/18

Left In: 2007.092 $\pm$ 0.455 χ^2 /NDF:90519.2/11

Left: 2015.420 $\pm$ 0.316 χ^2 /NDF: 200363.9/25

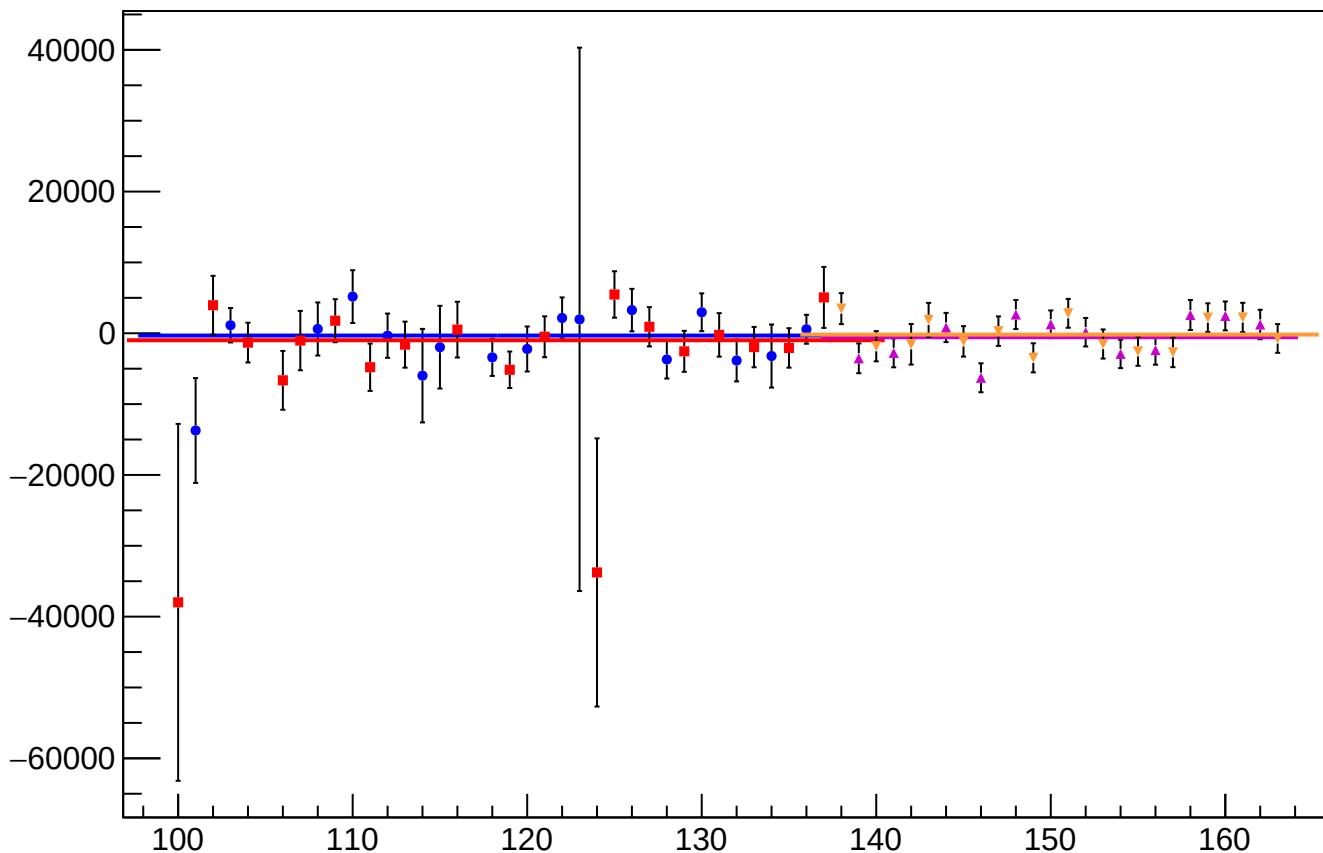
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2062.591 $\pm$ 0.364 χ^2 /NDF:843120.8/28

Out: 2085.640 $\pm$ 0.356 χ^2 /NDF:964641.4/32

All: 2074.385 $\pm$ 0.255 χ^2 /NDF: 1809811.7/63

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -185.054 $\pm$ 570.381 χ^2/NDF : 15.4/13

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

Left In: -561.009 $\pm$ 590.792 χ^2/NDF : 22.2/11

Left: -366.425 $\pm$ 410.347 χ^2/NDF : 37.8/25

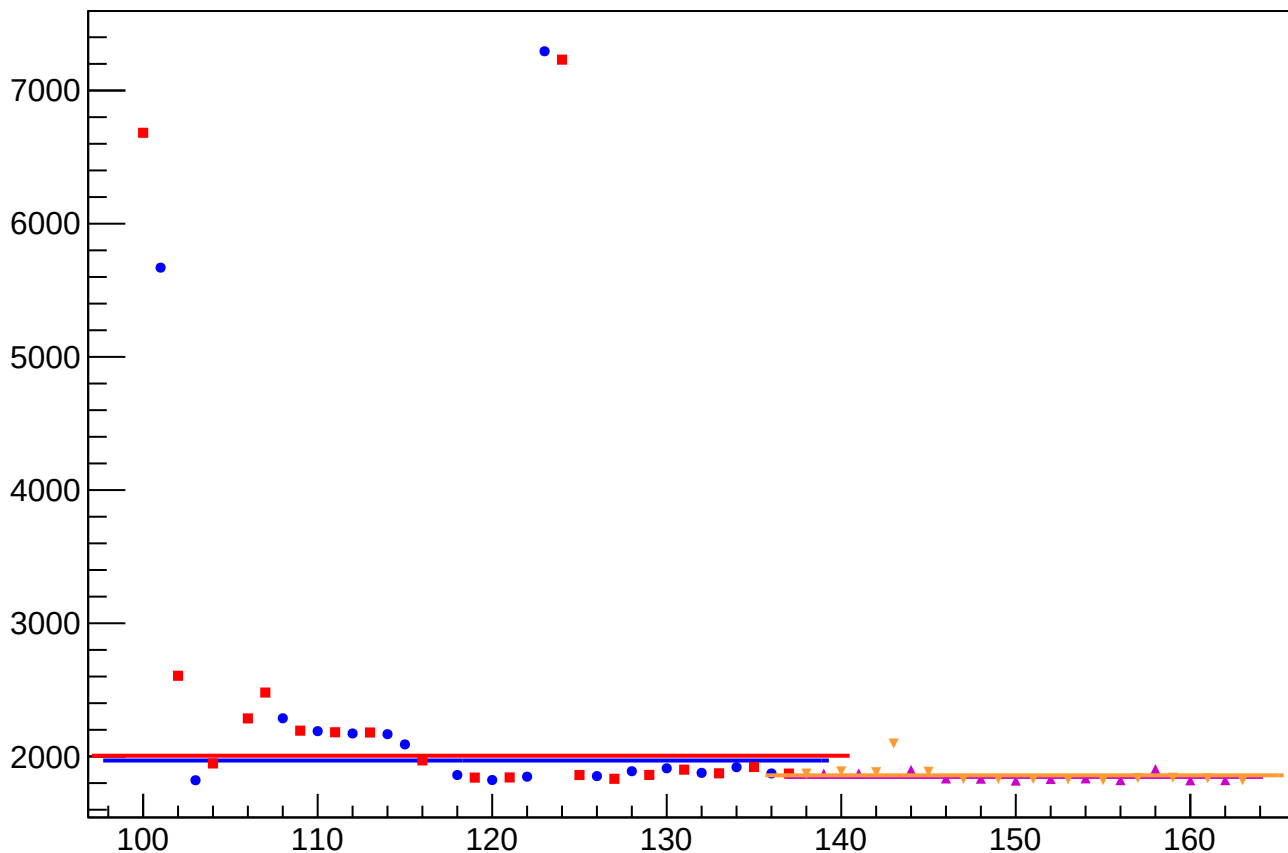
Right: -658.915 $\pm$ 547.776 χ^2/NDF : 36.4/35

In: -474.442 $\pm$ 470.842 χ^2/NDF : 38.0/28

Out: -468.833 $\pm$ 458.315 χ^2/NDF : 36.4/32

All: -471.562 $\pm$ 328.417 χ^2/NDF : 74.4/61

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1858.369+/-0.403 χ^2/NDF : 23998.8/13

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

Left In: 1846.528+/-0.418 χ^2/NDF : 5038.3/11

Left: 1852.656+/-0.290 χ^2/NDF : 29453.0/25

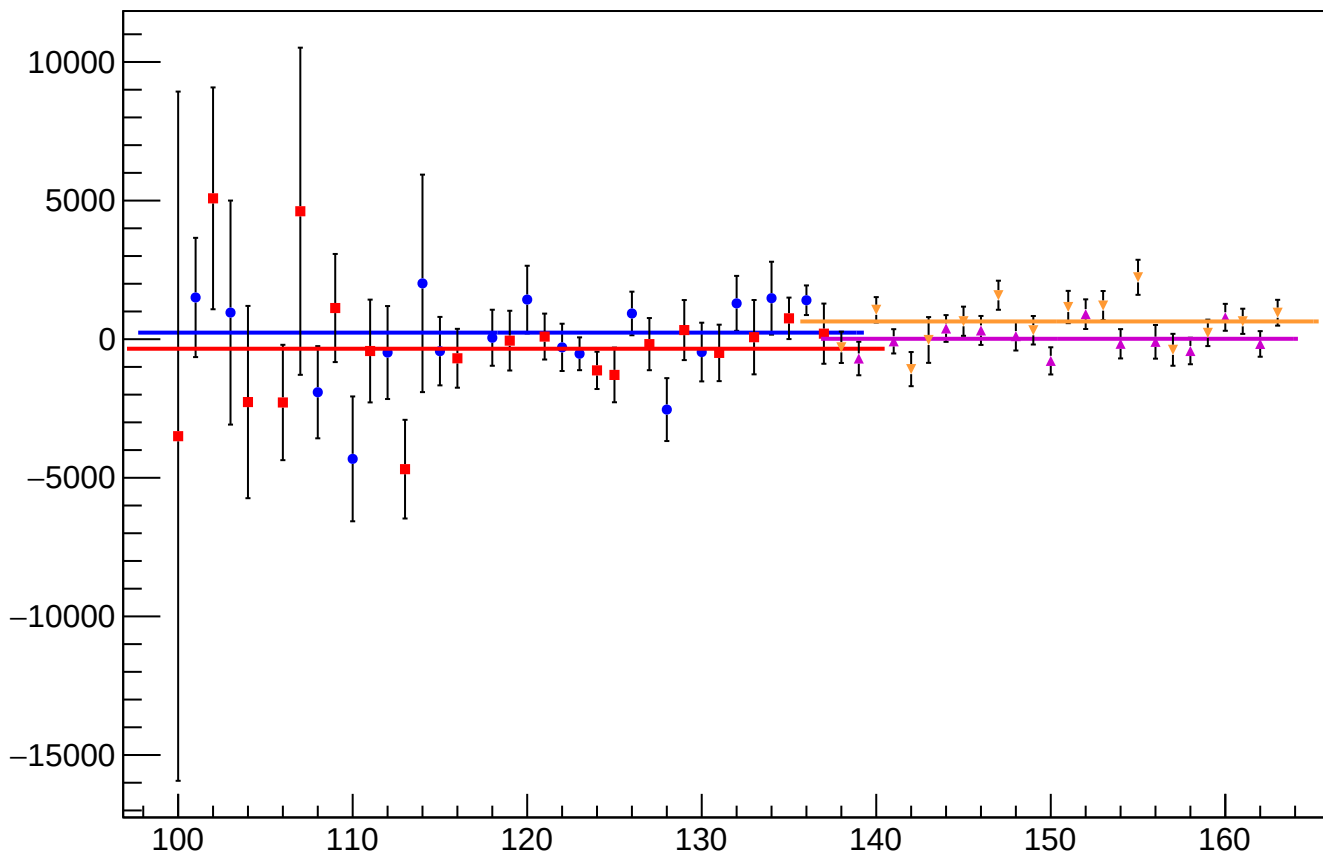
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1891.391+/-0.333 χ^2/NDF : 639460.2/28

Out: 1910.523+/-0.324 χ^2/NDF : 430832.8/32

All: 1901.215+/-0.232 χ^2/NDF : 1071988.6/63

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 640.180 $\pm$ 142.891 χ^2 /NDF:28.3/13

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

Left In: 14.368 $\pm$ 146.112 χ^2 /NDF:11.5/11

Left: 334.247 $\pm$ 102.159 χ^2 /NDF: 49.2/25

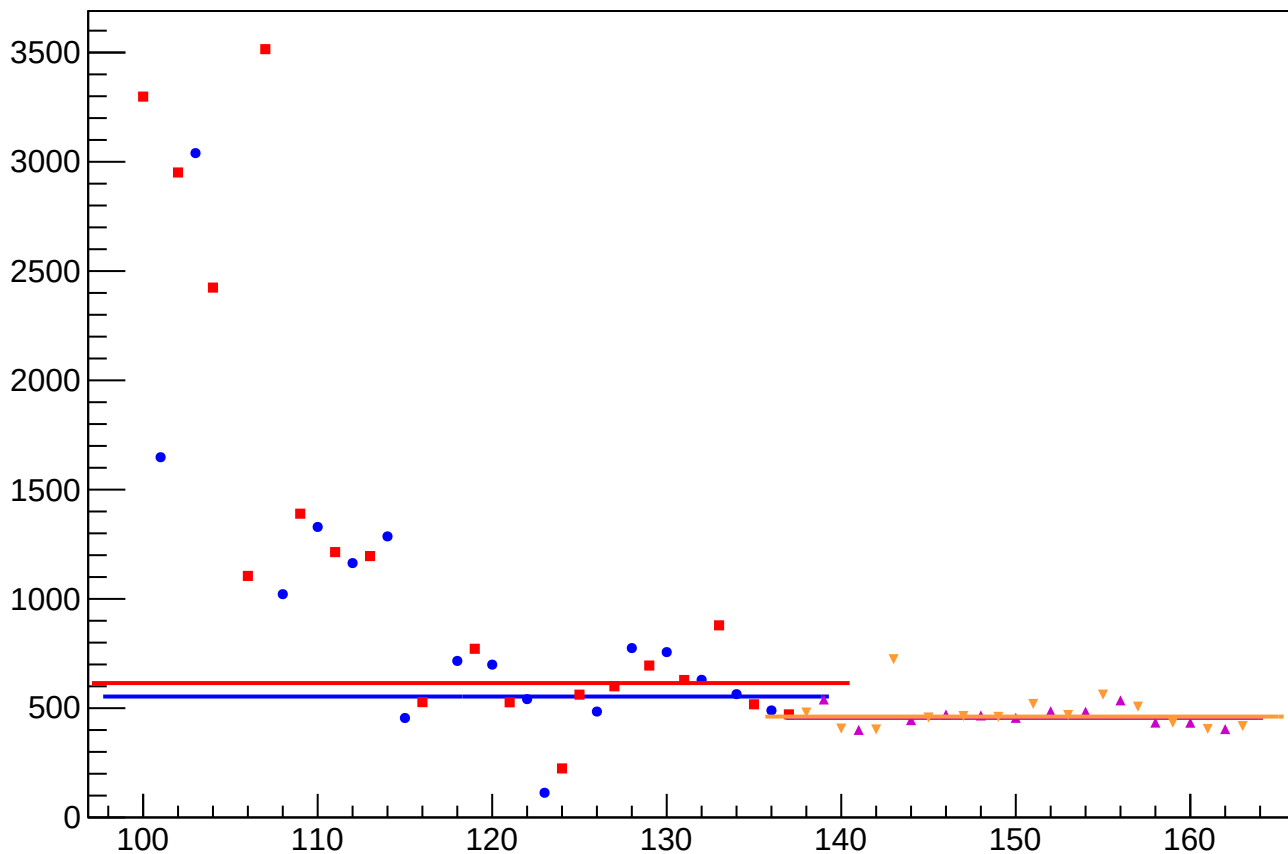
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 71.492 $\pm$ 125.967 χ^2 /NDF:35.9/28

Out: 422.924 $\pm$ 126.142 χ^2 /NDF:54.8/32

All: 246.963 $\pm$ 89.134 χ^2 /NDF: 94.6/61

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 461.539+/-0.101 χ^2/NDF : 390001.5/13

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

Left In: 455.577+/-0.103 χ^2/NDF : 153759.7/11

Left: 458.624+/-0.072 χ^2/NDF : 545463.5/25

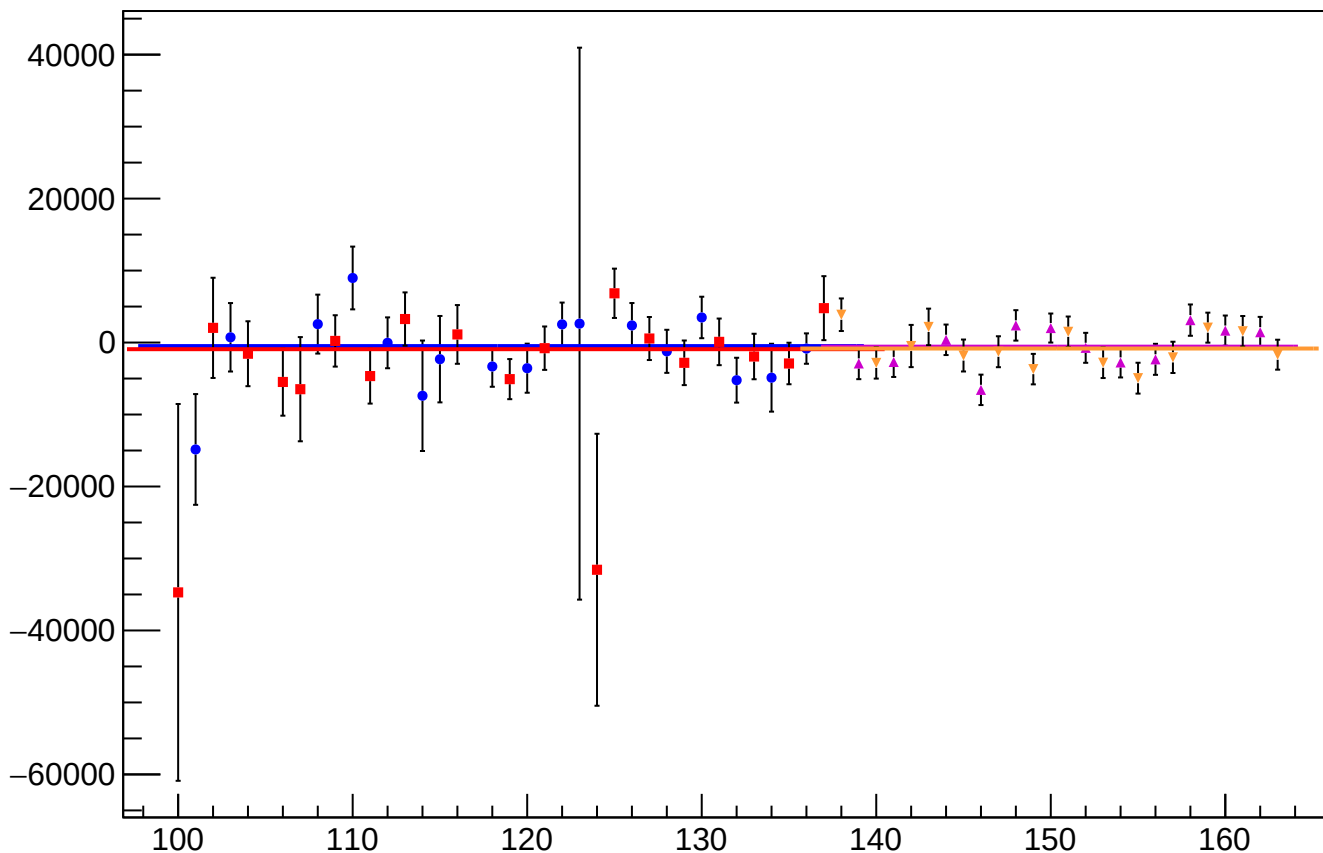
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 480.661+/-0.089 χ^2/NDF : 3796107.3/28

Out: 495.368+/-0.089 χ^2/NDF : 4467566.2/32

All: 488.004+/-0.063 χ^2/NDF : 8277286.5/61

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -830.595+/-589.676 χ^2/NDF : 18.1/13

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

Left In: -571.694+/-609.464 χ^2/NDF : 20.7/11

Left: -705.416+/-423.787 χ^2/NDF : 38.9/25

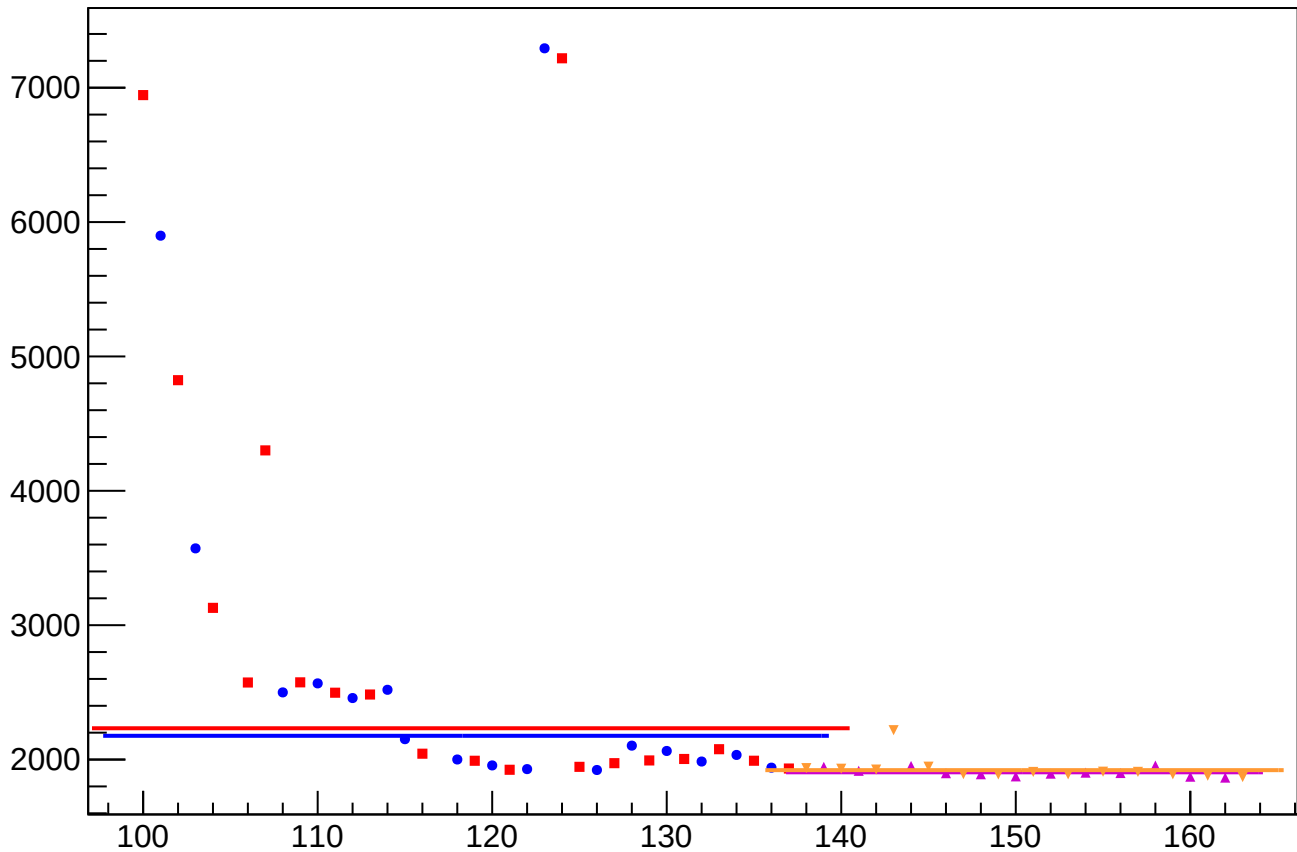
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -545.358+/-498.787 χ^2/NDF : 39.3/28

Out: -859.400+/-487.883 χ^2/NDF : 37.0/32

All: -705.849+/-348.777 χ^2/NDF : 76.5/61

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1921.119+/-0.417 χ^2/NDF : 31752.2/13

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

Left In: 1905.102+/-0.431 χ^2/NDF : 4595.9/11

Left: 1913.375+/-0.300 χ^2/NDF : 37061.4/25

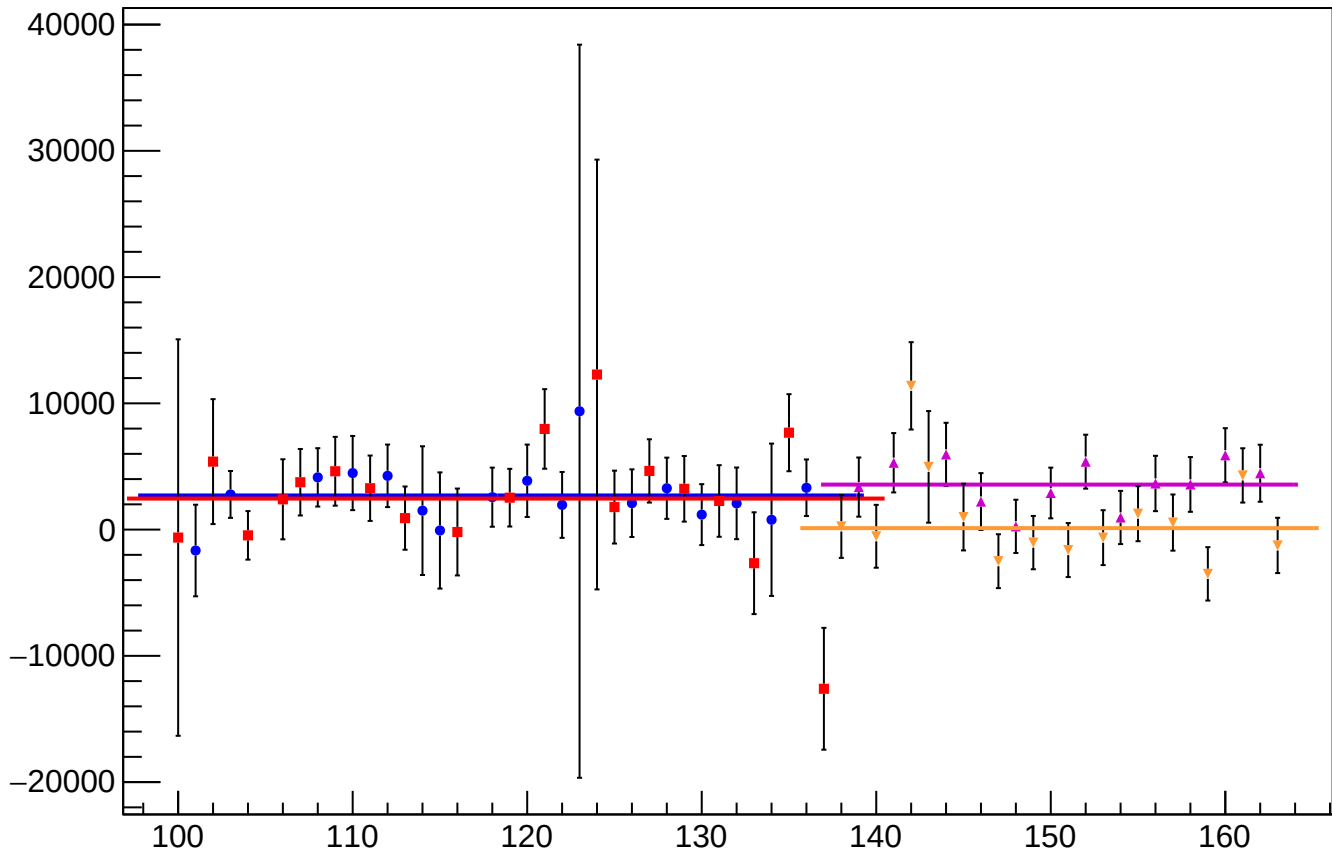
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 1994.804+/-0.353 χ^2/NDF : 938474.2/28

Out: 2019.465+/-0.345 χ^2/NDF : 1098660.4/32

All: 2007.407+/-0.247 χ^2/NDF : 2039633.1/63

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 115.460 $\pm$ 627.999 χ^2 /NDF:22.0/13

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

Left In: 3563.938 $\pm$ 636.177 χ^2 /NDF:8.0/11

Left: 1817.393 $\pm$ 446.926 χ^2 /NDF: 44.8/25

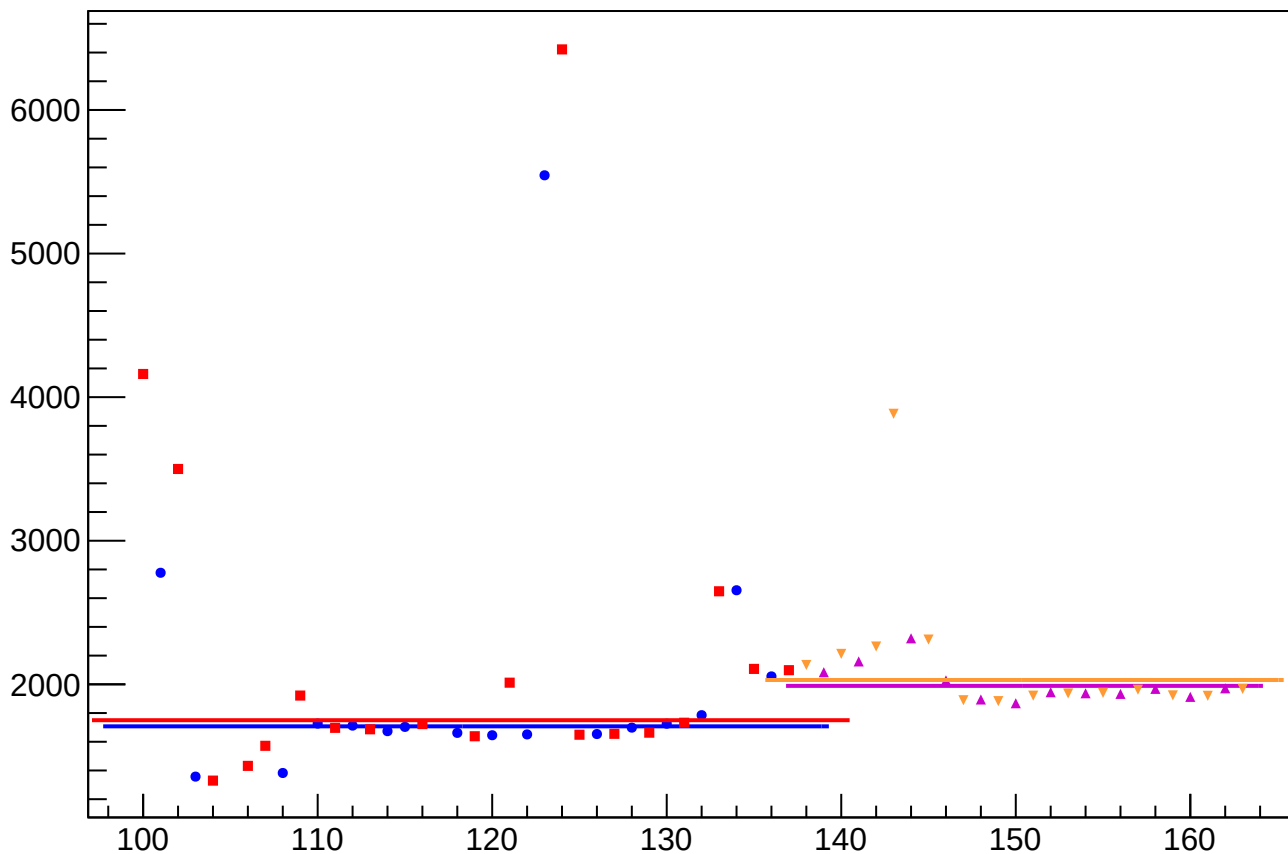
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3158.477 $\pm$ 462.606 χ^2 /NDF:12.9/28

Out: 1189.591 $\pm$ 462.171 χ^2 /NDF:51.6/32

All: 2173.109 $\pm$ 326.958 χ^2 /NDF: 73.5/61

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 $\pm$ 0.477 χ^2 /NDF: 422166.4/16

Left Out: 2030.182 $\pm$ 0.444 χ^2 /NDF: 442447.5/13

Right Out: 1750.114 $\pm$ 0.483 χ^2 /NDF: 746498.0/18

Left In: 1989.258 $\pm$ 0.450 χ^2 /NDF: 66813.0/11

Left: 2009.985 $\pm$ 0.316 χ^2 /NDF: 513452.1/25

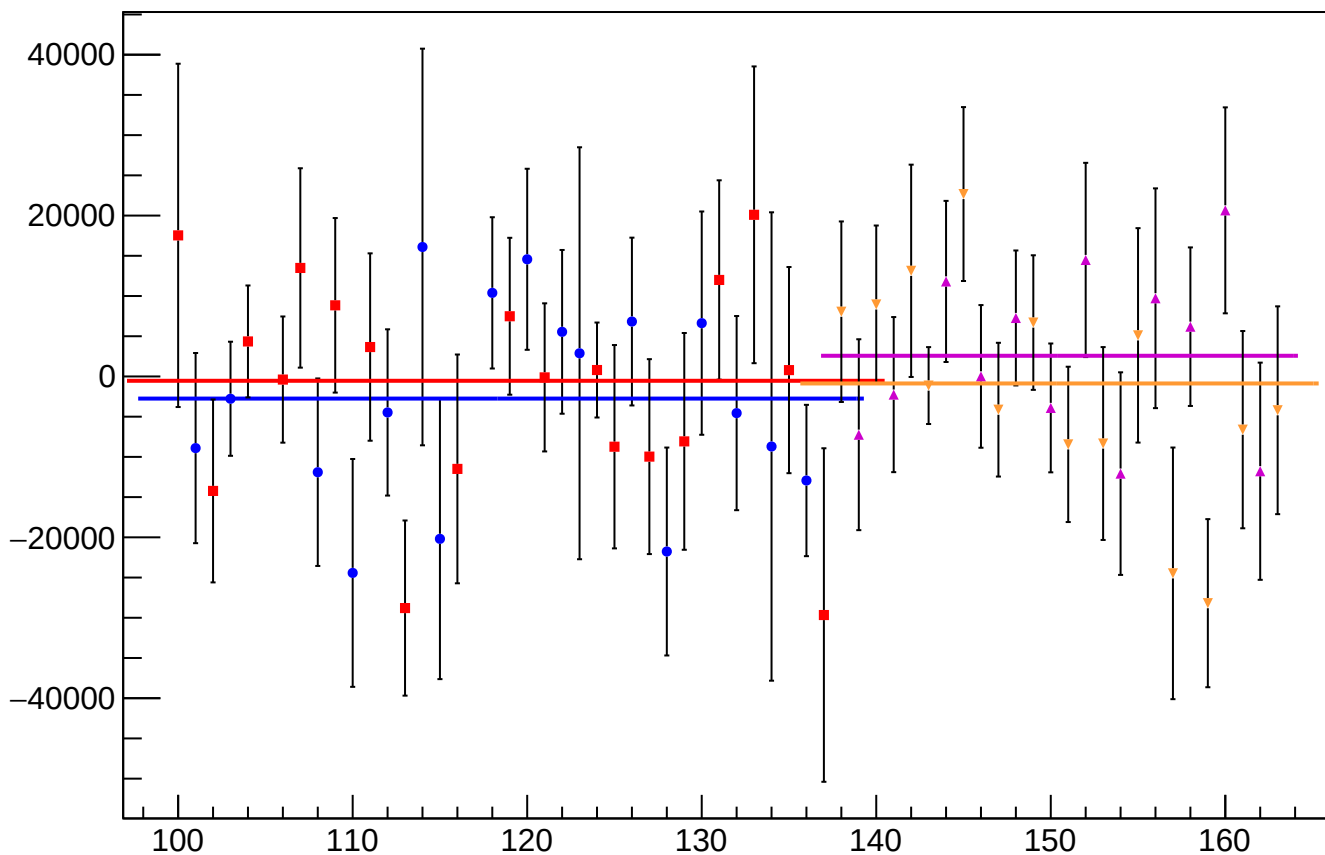
Right: 1728.481 $\pm$ 0.339 χ^2 /NDF: 1172634.0/35

In: 1856.431 $\pm$ 0.327 χ^2 /NDF: 673996.8/28

Out: 1901.764 $\pm$ 0.327 χ^2 /NDF: 1371336.1/32

All: 1879.122 $\pm$ 0.231 χ^2 /NDF: 2054946.0/61

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -871.347+/-2545.349 χ^2/NDF : 19.1/13

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

Left In: 2571.177+/-3004.884 χ^2/NDF : 8.7/11

Left: 566.830+/-1942.207 χ^2/NDF : 28.5/25

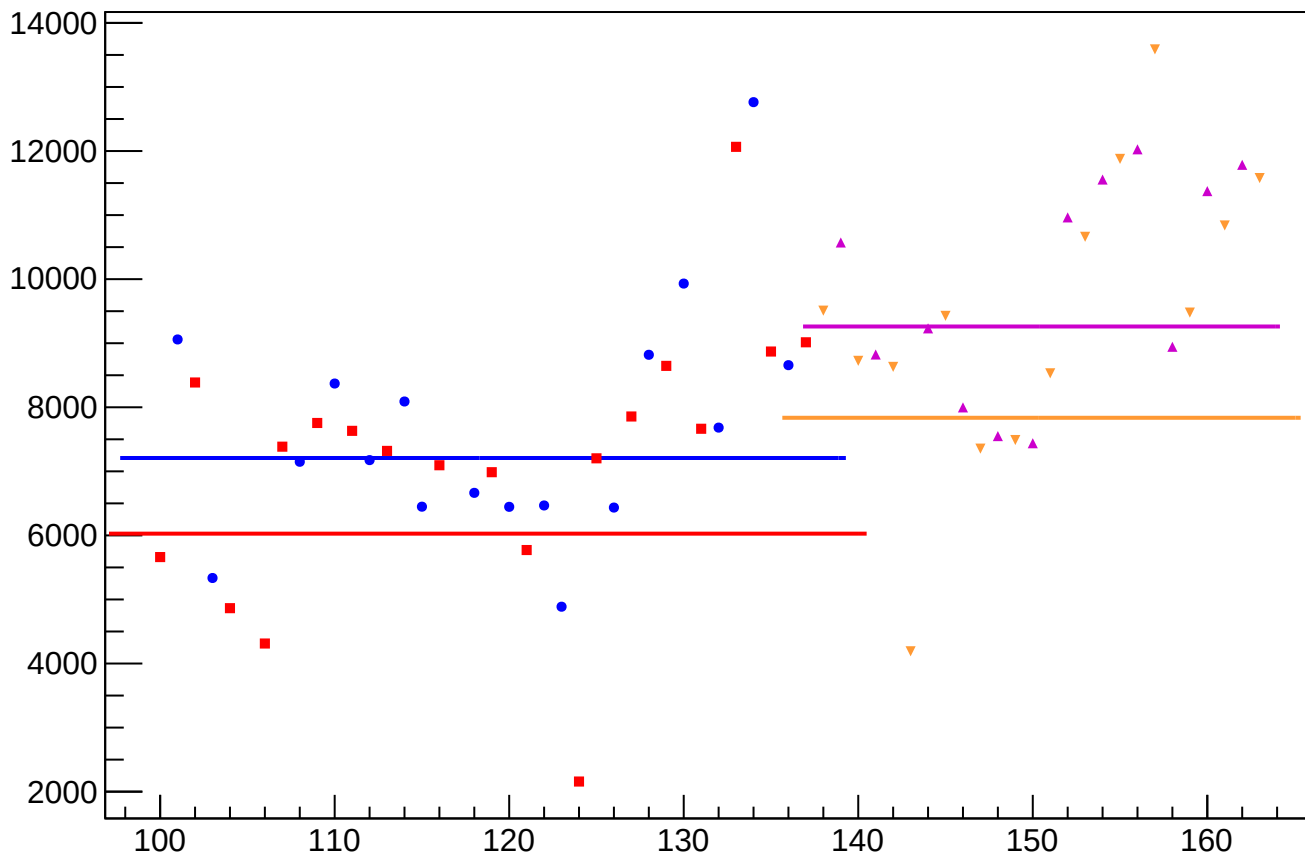
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -237.545+/-2064.934 χ^2/NDF : 24.9/28

Out: -696.839+/-1755.730 χ^2/NDF : 37.6/32

All: -504.120+/-1337.588 χ^2/NDF : 62.5/61

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7836.139+/-1.800 χ^2/NDF : 2197318.1/13

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

Left In: 9261.103+/-2.125 χ^2/NDF : 570468.8/11

Left: 8431.443+/-1.373 χ^2/NDF : 3029652.4/25

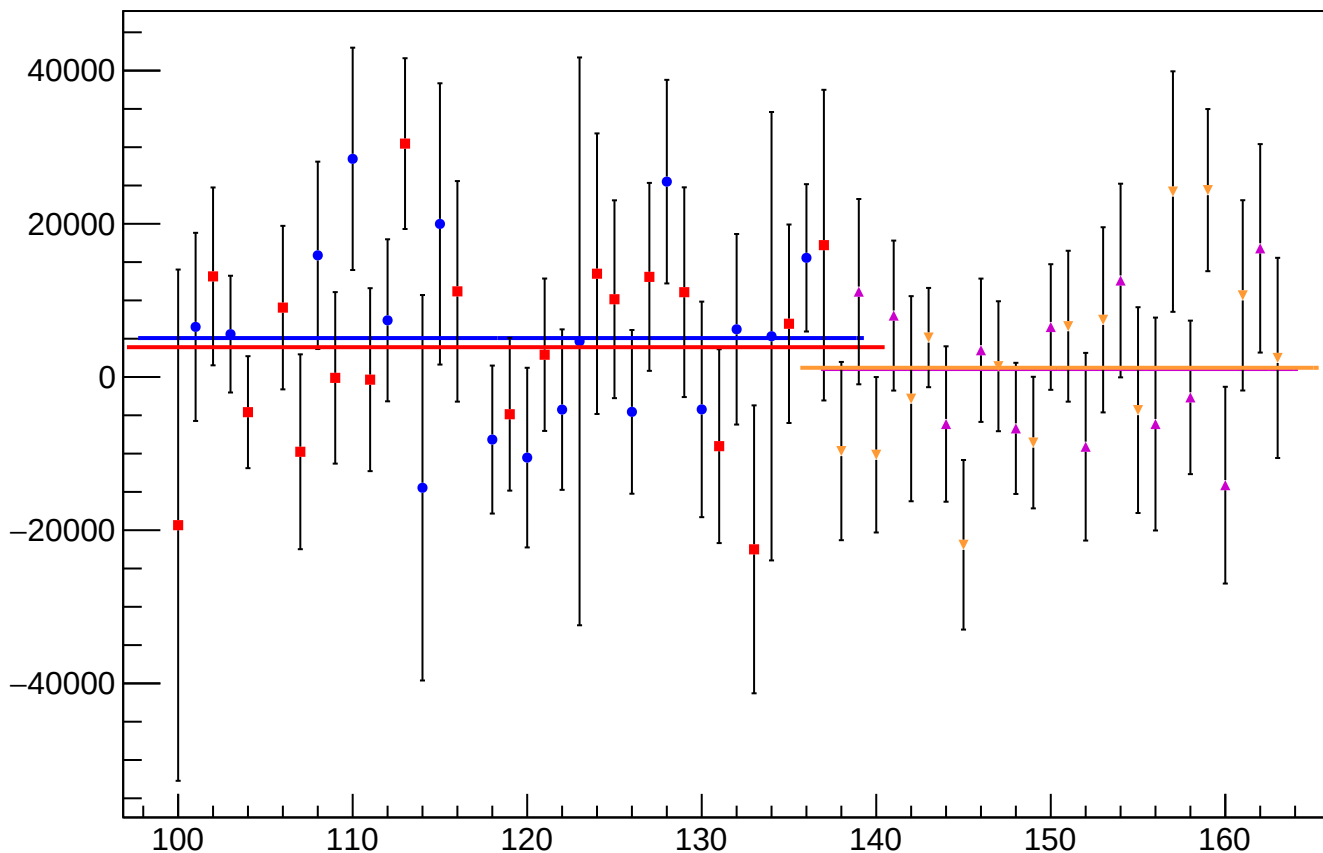
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8177.726+/-1.460 χ^2/NDF : 1556815.4/28

Out: 6887.996+/-1.241 χ^2/NDF : 4524874.2/32

All: 7429.163+/-0.946 χ^2/NDF : 6534529.9/63

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1204.554+/-2772.131 χ^2/NDF : 16.5/13

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

Left In: 1039.344+/-3064.904 χ^2/NDF : 7.7/11

Left: 1130.215+/-2055.927 χ^2/NDF : 24.2/25

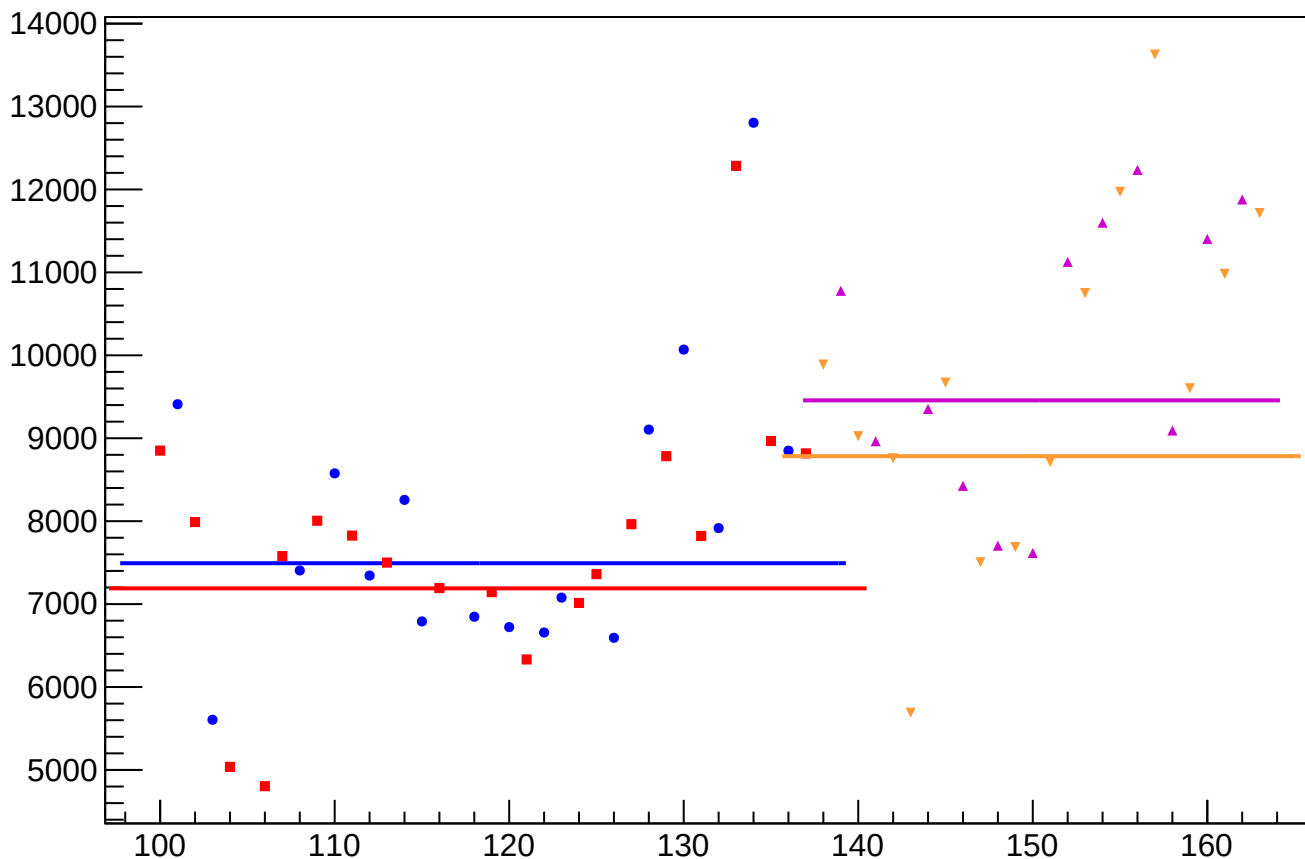
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3135.648+/-2127.385 χ^2/NDF : 22.6/28

Out: 2539.517+/-1966.575 χ^2/NDF : 32.7/32

All: 2814.202+/-1444.086 χ^2/NDF : 55.3/61

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8783.933 $\pm$ 1.960 χ^2 /NDF: 1097165.1/13

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

Left In: 9456.781 $\pm$ 2.167 χ^2 /NDF: 524601.0/11

Left: 9086.693 $\pm$ 1.454 χ^2 /NDF: 1674783.5/25

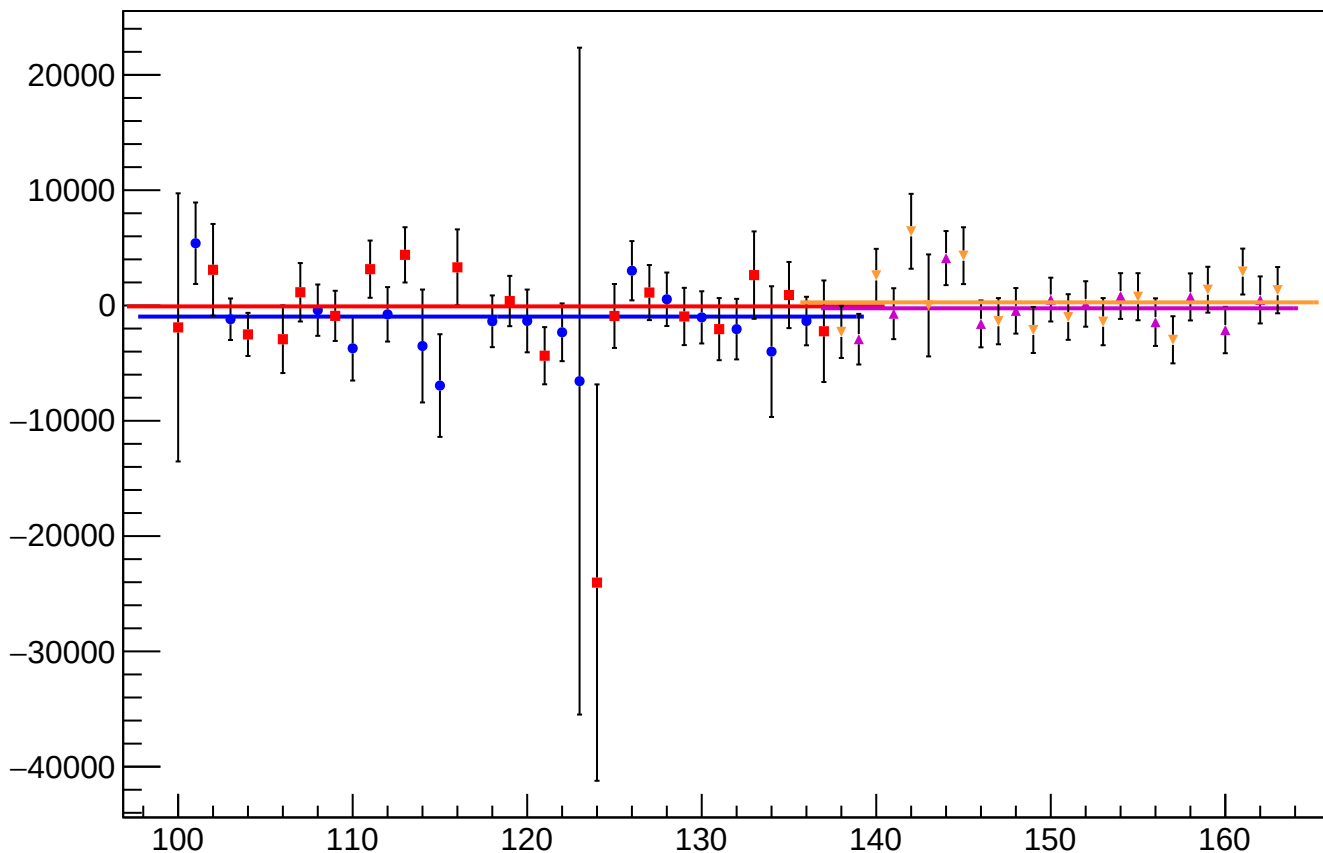
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8439.064 $\pm$ 1.504 χ^2 /NDF: 1387219.6/28

Out: 7991.816 $\pm$ 1.390 χ^2 /NDF: 1986756.7/32

All: 8197.888 $\pm$ 1.021 χ^2 /NDF: 3421644.9/61

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 $\pm$ 643.025 χ^2 /NDF: 10.1/16

Left Out: 272.157 $\pm$ 584.959 χ^2 /NDF: 16.8/13

Right Out: -76.747 $\pm$ 633.483 χ^2 /NDF: 16.7/18

Left In: -243.914 $\pm$ 593.049 χ^2 /NDF: 7.5/11

Left: 17.666 $\pm$ 416.459 χ^2 /NDF: 24.6/25

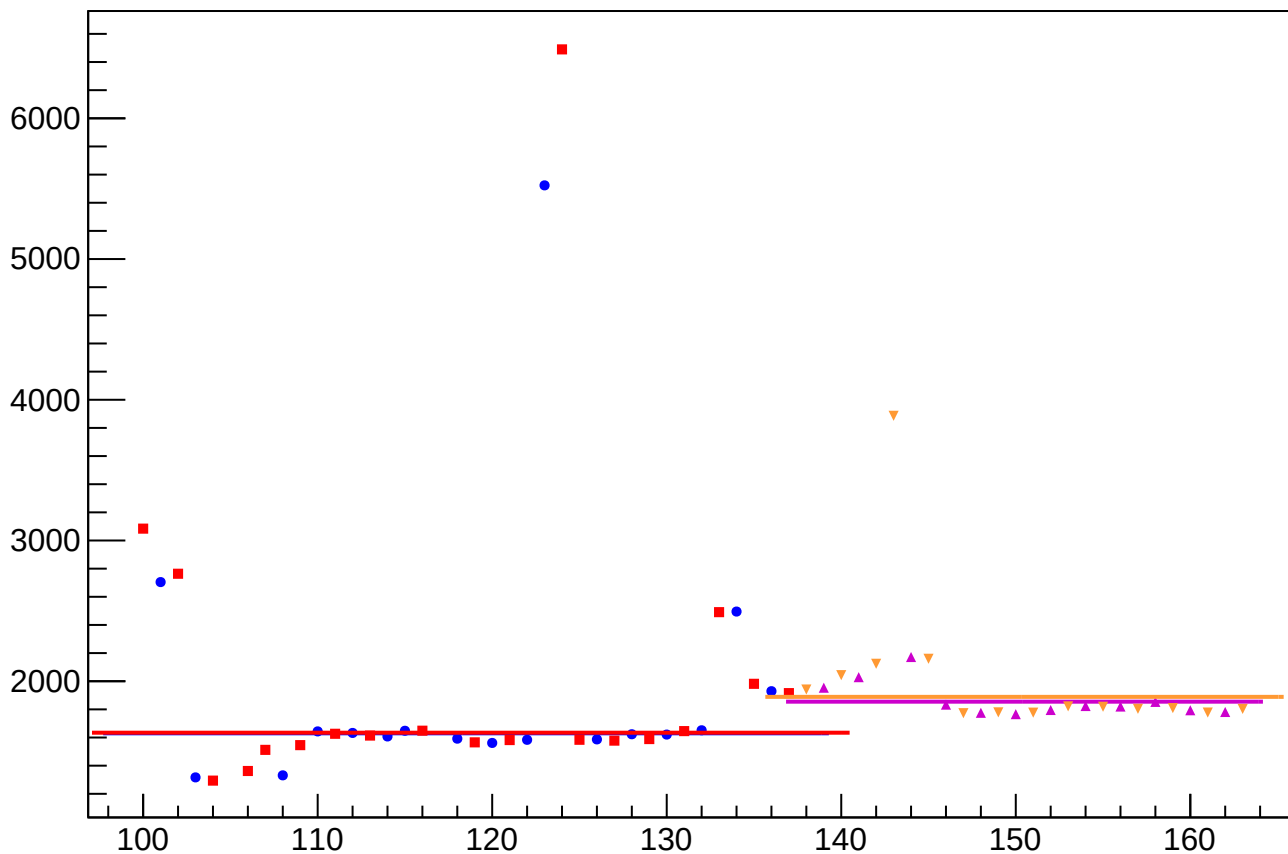
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -574.220 $\pm$ 435.948 χ^2 /NDF: 18.2/28

Out: 111.578 $\pm$ 429.761 χ^2 /NDF: 33.7/32

All: -226.420 $\pm$ 306.051 χ^2 /NDF: 53.2/61

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1888.945+/-0.414 χ^2/NDF : 492883.5/13

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

Left In: 1854.762+/-0.419 χ^2/NDF : 68195.2/11

Left: 1872.088+/-0.294 χ^2/NDF : 564446.6/25

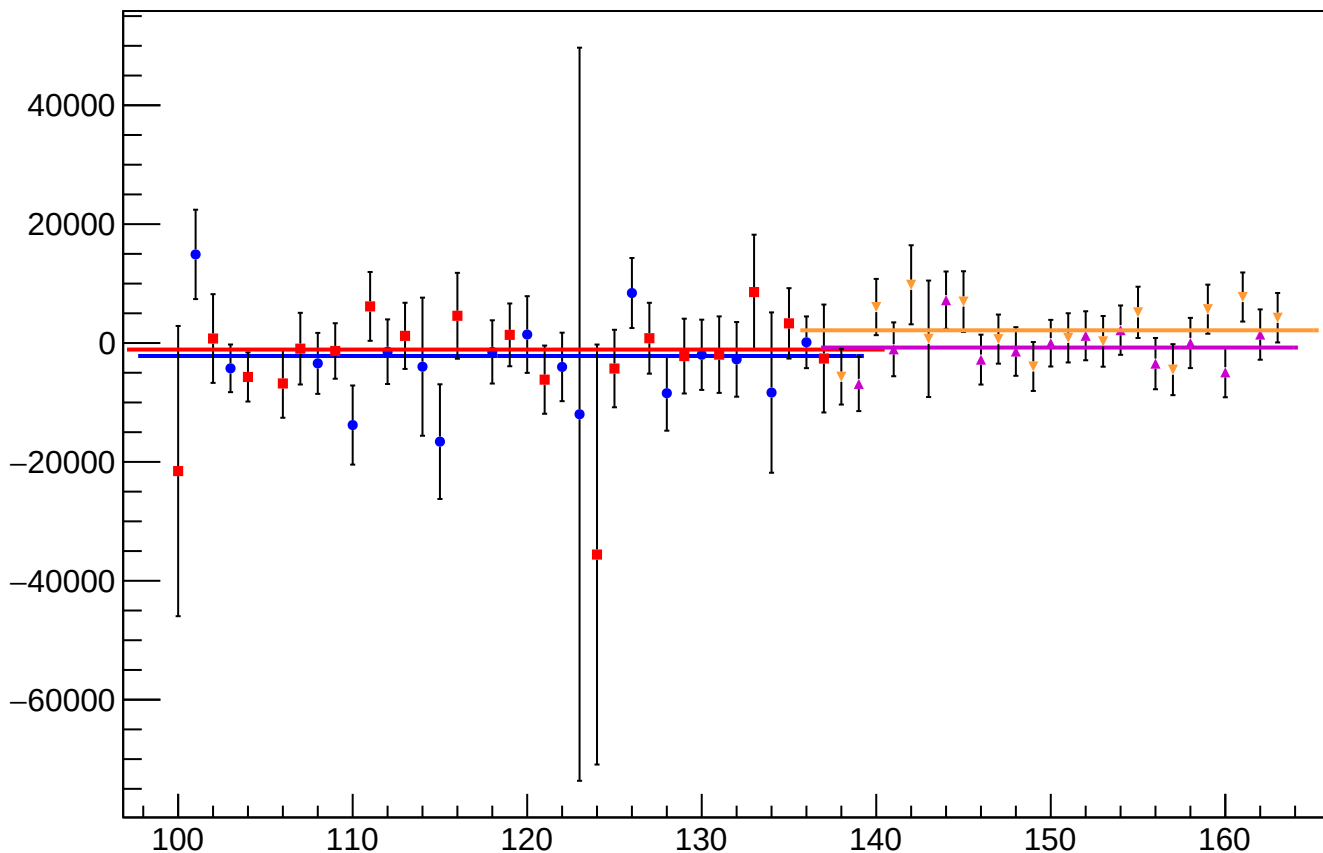
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1751.432+/-0.308 χ^2/NDF : 608441.5/28

Out: 1771.728+/-0.304 χ^2/NDF : 1256025.8/32

All: 1761.725+/-0.216 χ^2/NDF : 1866665.7/63

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2142.035+/-1216.376 χ^2/NDF : 14.0/13

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

Left In: -762.088+/-1230.870 χ^2/NDF : 7.2/11

Left: 707.173+/-865.186 χ^2/NDF : 24.0/25

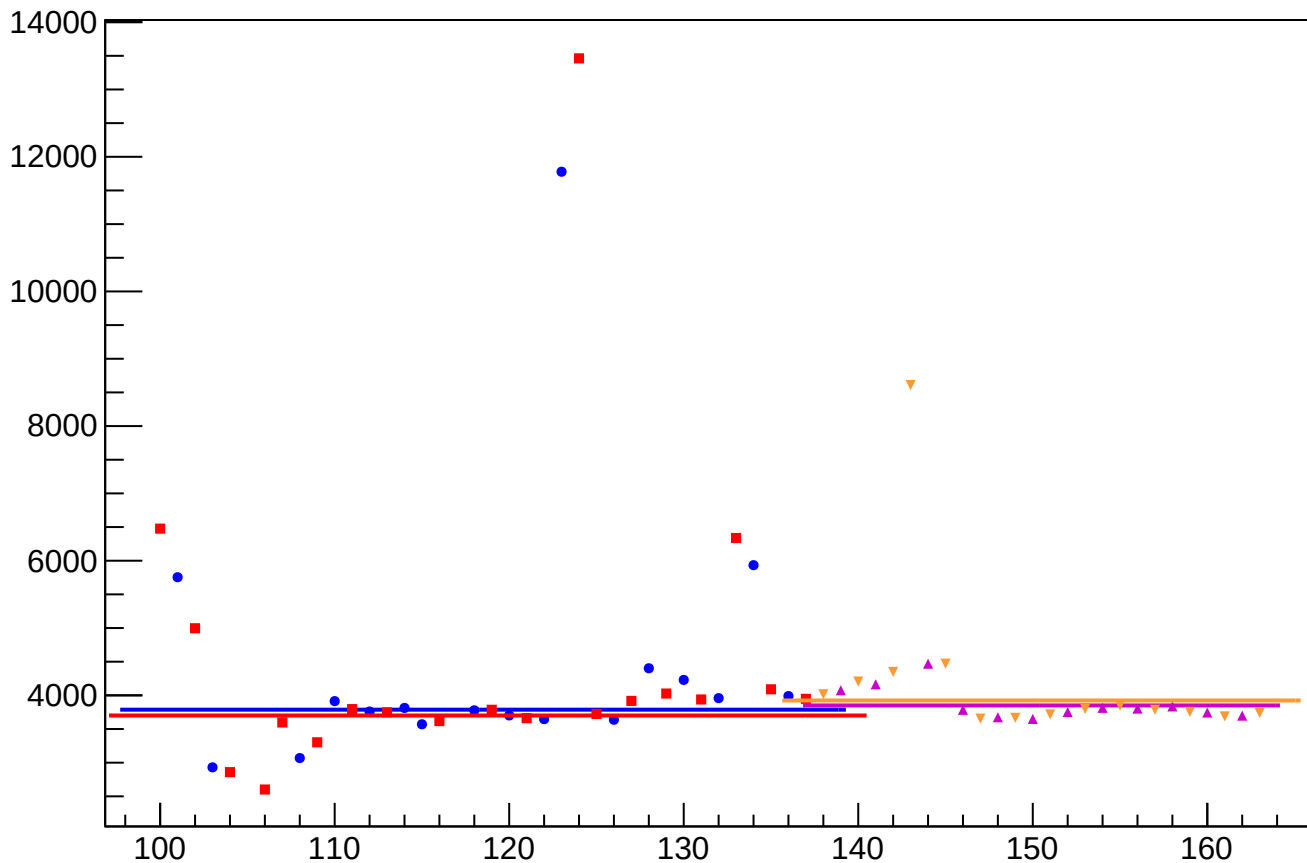
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1335.526+/-949.734 χ^2/NDF : 23.7/28

Out: 792.517+/-929.179 χ^2/NDF : 26.2/32

All: -248.228+/-664.177 χ^2/NDF : 52.6/61

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3924.044+/-0.860 χ^2/NDF : 535982.7/13

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

Left In: 3850.241+/-0.870 χ^2/NDF : 62159.0/11

Left: 3887.580+/-0.612 χ^2/NDF : 601779.5/25

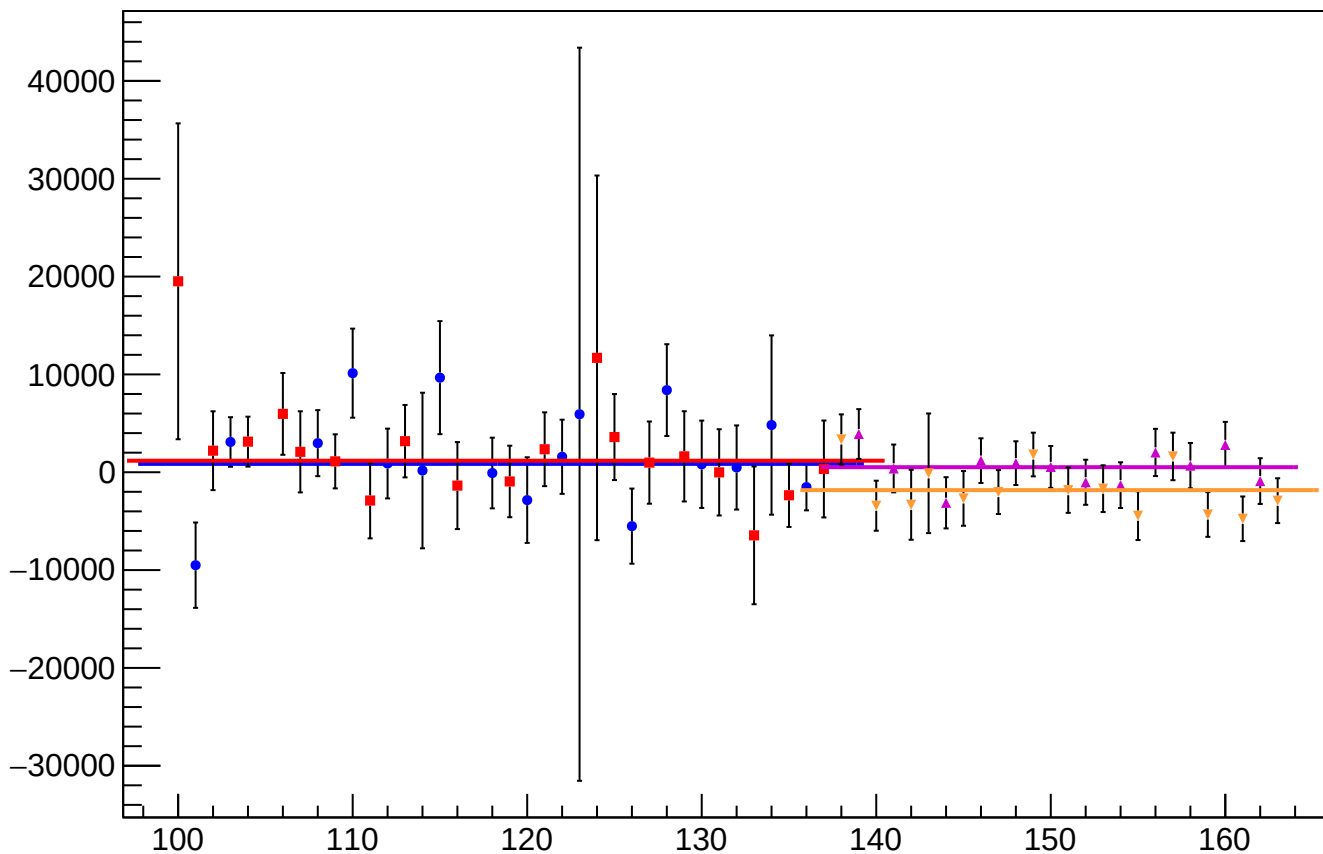
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3824.773+/-0.672 χ^2/NDF : 456925.8/28

Out: 3831.122+/-0.657 χ^2/NDF : 1145101.9/32

All: 3828.017+/-0.470 χ^2/NDF : 1602073.4/63

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1828.497 ± 673.607 χ^2/NDF : 13.7/13

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

Left In: 517.229 ± 678.688 χ^2/NDF : 6.6/11

Left: -664.448 ± 478.098 χ^2/NDF : 26.3/25

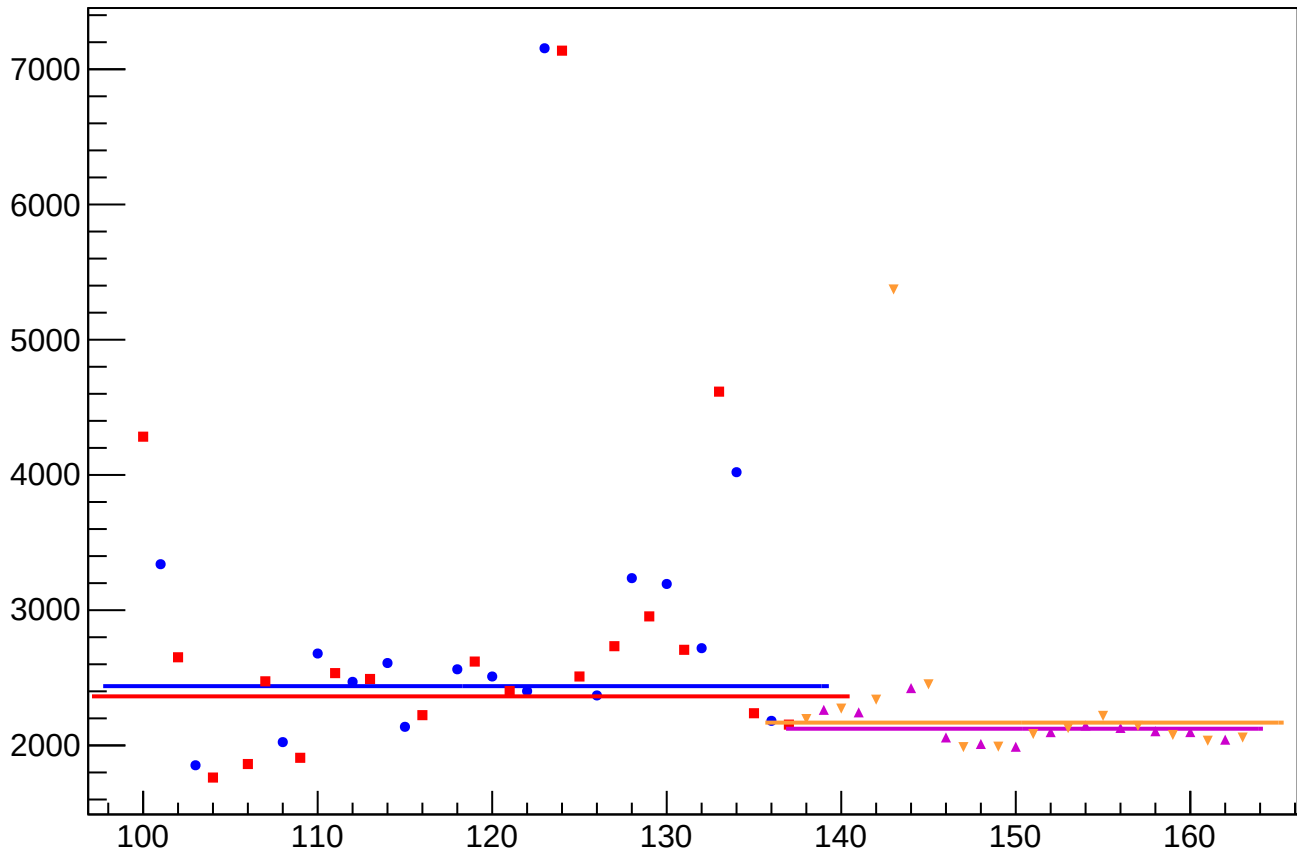
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 629.444 ± 555.091 χ^2/NDF : 27.3/28

Out: -787.603 ± 544.660 χ^2/NDF : 29.1/32

All: -92.518 ± 388.768 χ^2/NDF : 59.8/61

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2168.598 ± 0.476 $\chi^2/\text{NDF}: 621818.2/13$

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

Left In: 2123.355 ± 0.480 $\chi^2/\text{NDF}: 54940.2/11$

Left: 2146.147 ± 0.338 $\chi^2/\text{NDF}: 681235.8/25$

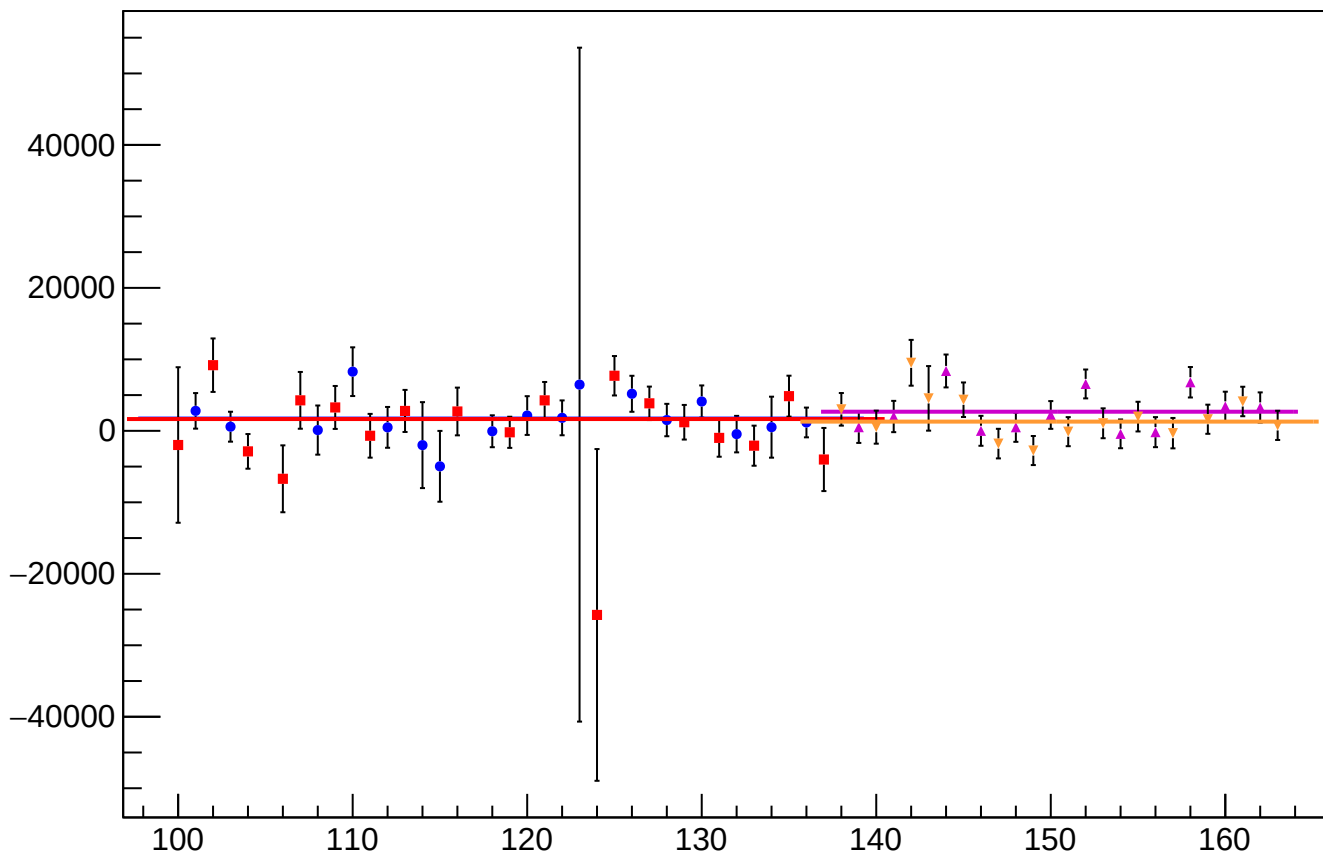
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2227.612 ± 0.393 $\chi^2/\text{NDF}: 674223.4/28$

Out: 2235.812 ± 0.385 $\chi^2/\text{NDF}: 1336860.0/32$

All: 2231.790 ± 0.275 $\chi^2/\text{NDF}: 2011305.8/63$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1291.215 $\pm$ 596.295 χ^2/NDF : 18.7/13

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

Left In: 2675.088 $\pm$ 604.593 χ^2/NDF : 21.9/11

Left: 1973.590 $\pm$ 424.548 χ^2/NDF : 43.2/25

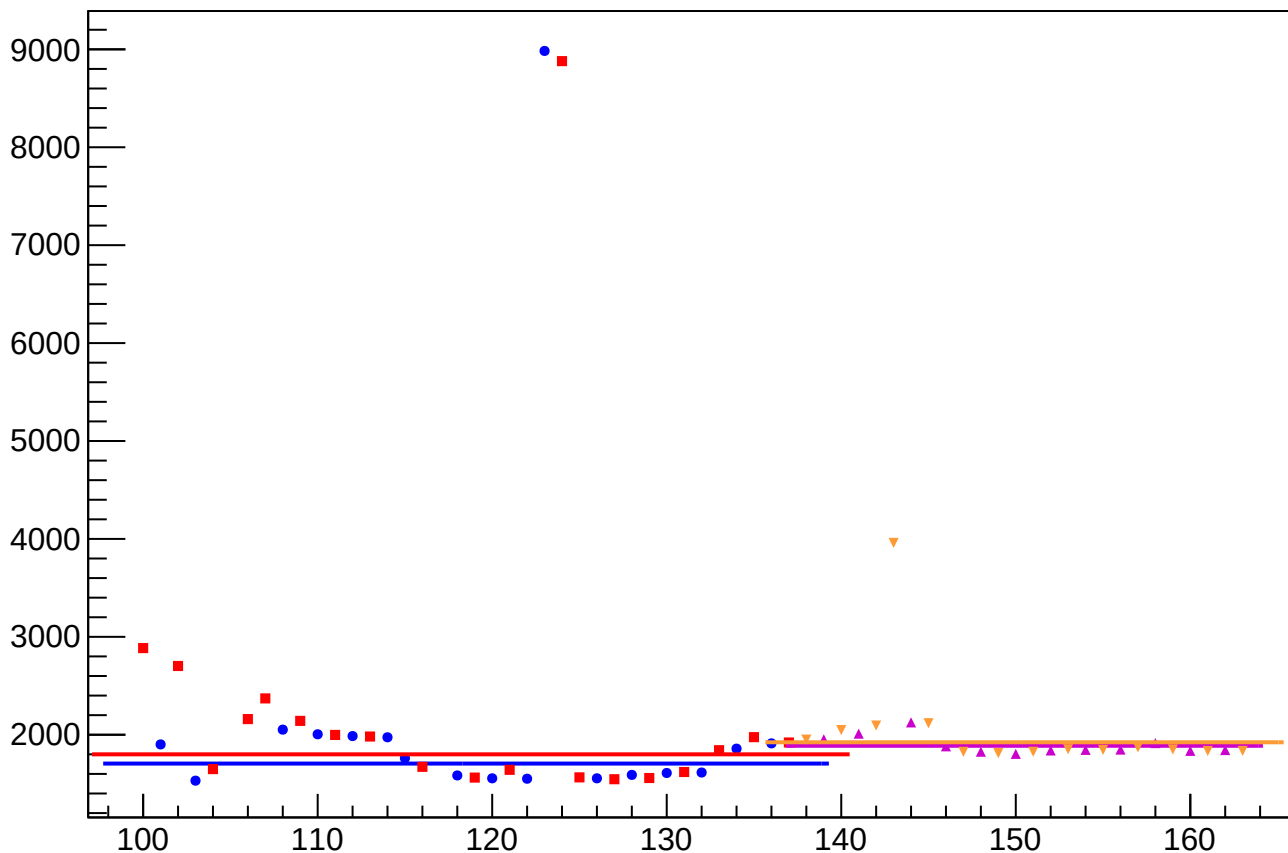
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

In: 2241.059 $\pm$ 447.999 χ^2/NDF : 34.4/28

Out: 1443.745 $\pm$ 452.356 χ^2/NDF : 45.8/32

All: 1846.260 $\pm$ 318.312 χ^2/NDF : 81.8/61

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1923.059+/-0.422 χ^2/NDF : 462181.3/13

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

Left In: 1887.491+/-0.428 χ^2/NDF : 40287.8/11

Left: 1905.521+/-0.300 χ^2/NDF : 505977.8/25

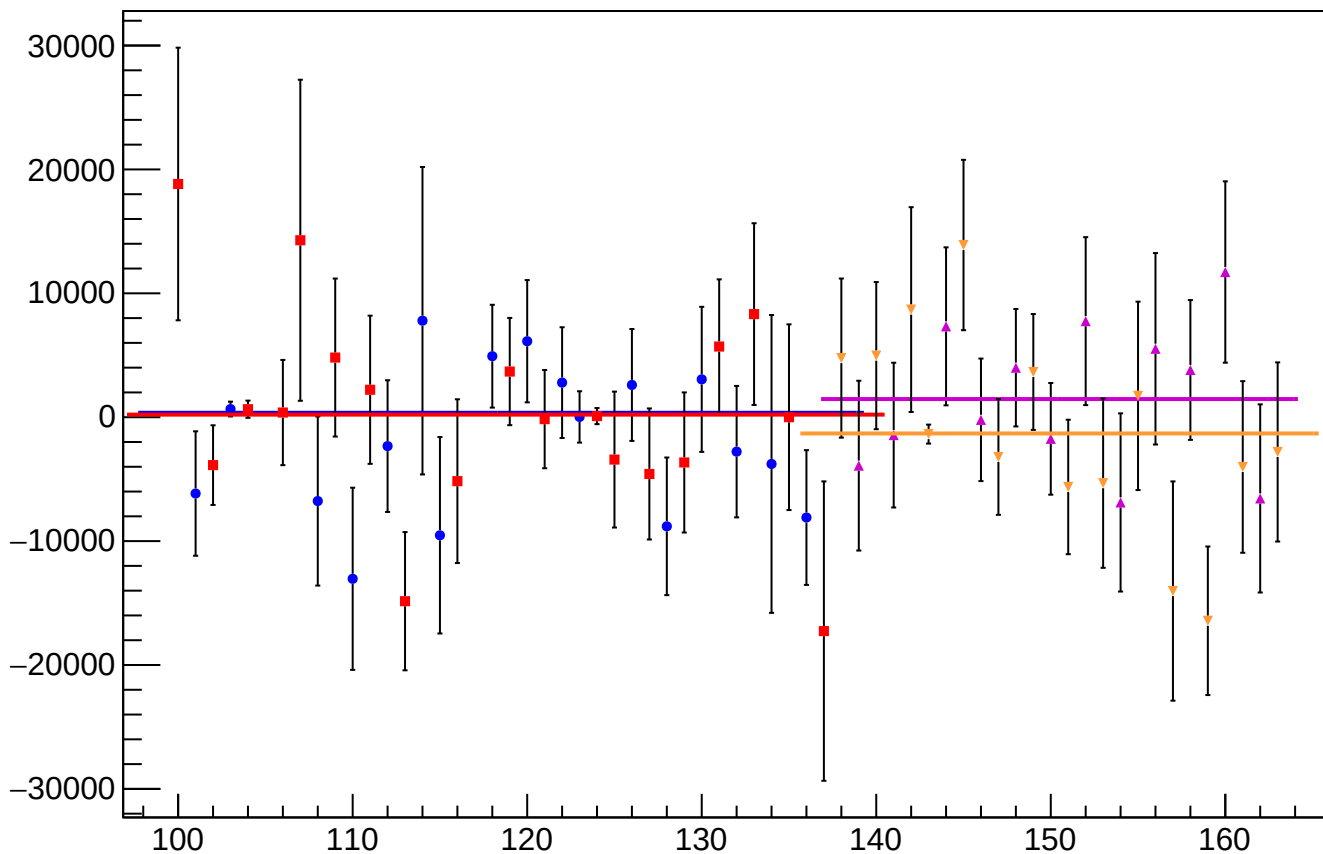
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1805.482+/-0.317 χ^2/NDF : 316067.9/28

Out: 1870.684+/-0.320 χ^2/NDF : 1037216.3/32

All: 1837.798+/-0.225 χ^2/NDF : 1374281.1/63

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1311.948 $\pm$ 700.659 χ^2 /NDF:19.4/13

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

Left In: 1466.188 $\pm$ 1727.443 χ^2 /NDF:8.4/11

Left: -919.471 $\pm$ 649.283 χ^2 /NDF: 30.0/25

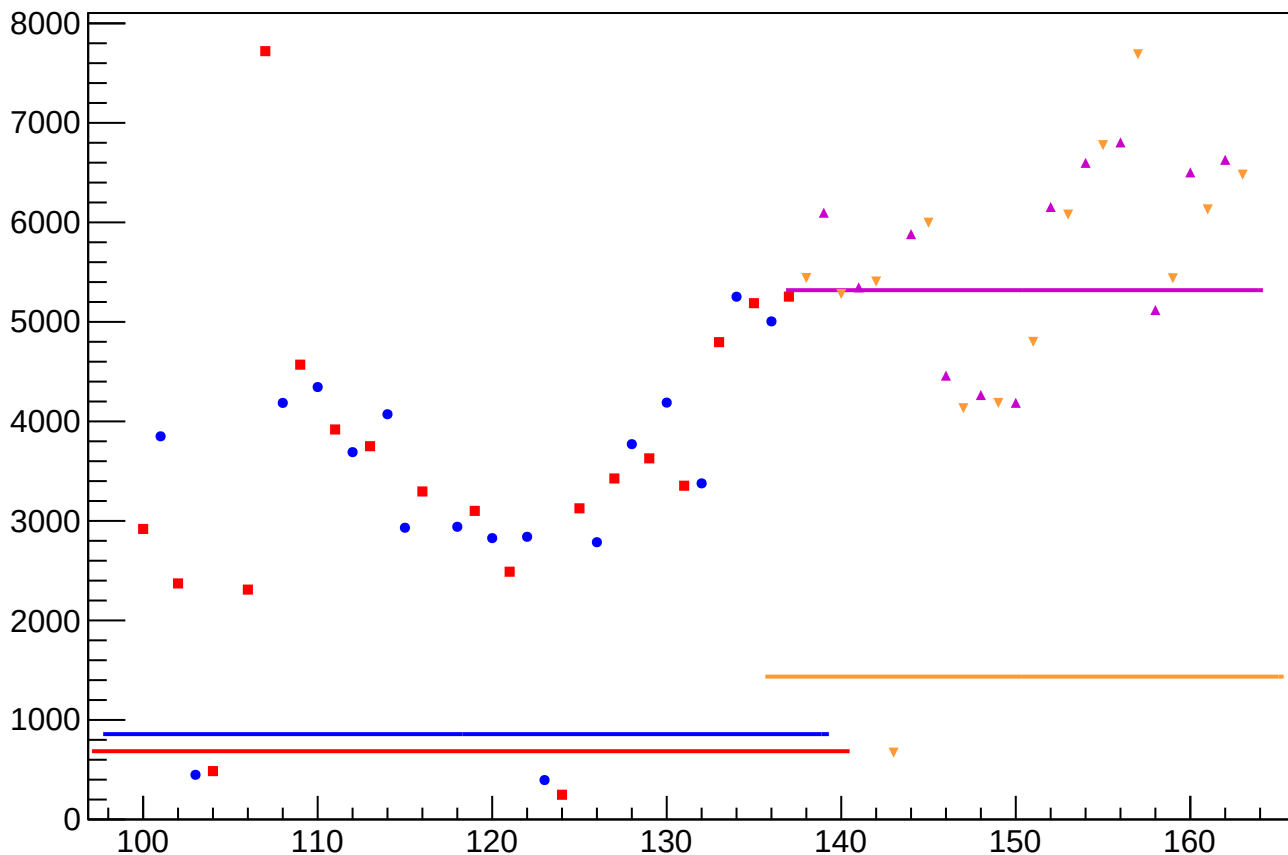
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 453.510 $\pm$ 509.490 χ^2 /NDF:26.2/28

Out: -229.800 $\pm$ 376.618 χ^2 /NDF:44.2/32

All: 11.646 $\pm$ 302.856 χ^2 /NDF: 71.6/61

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1435.230 $\pm$ 0.495 χ^2 /NDF: 12768512.2/13

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

Left In: 5318.650 $\pm$ 1.221 χ^2 /NDF: 608681.1/11

Left: 1983.854 $\pm$ 0.459 χ^2 /NDF: 22056924.9/25

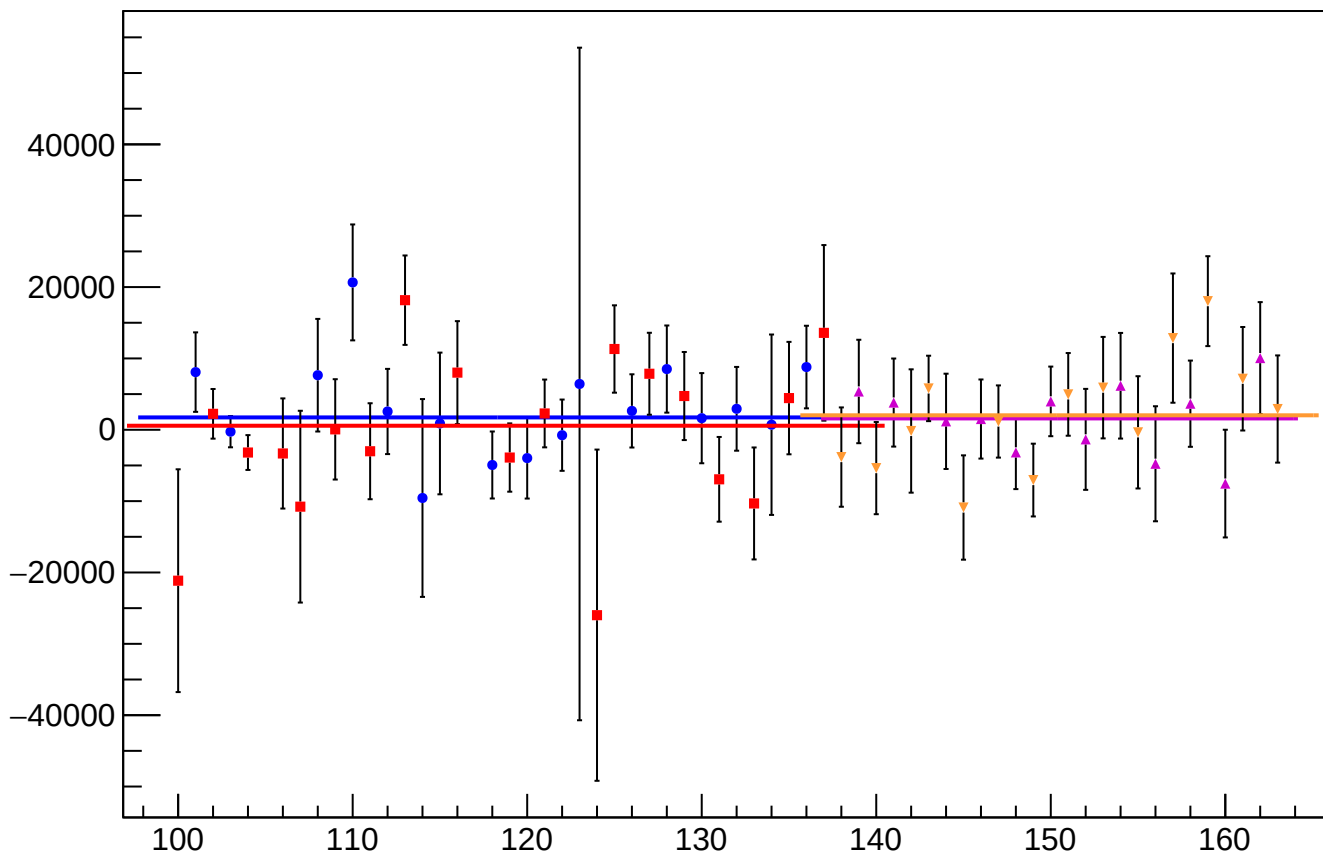
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1245.545 $\pm$ 0.360 χ^2 /NDF: 20962555.2/28

Out: 902.332 $\pm$ 0.266 χ^2 /NDF: 23856643.4/32

All: 1023.605 $\pm$ 0.214 χ^2 /NDF: 45406089.0/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2029.084+/-1710.890 χ^2/NDF : 18.1/13

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

Left In: 1590.875+/-1841.596 χ^2/NDF : 5.4/11

Left: 1826.080+/-1253.445 χ^2/NDF : 23.6/25

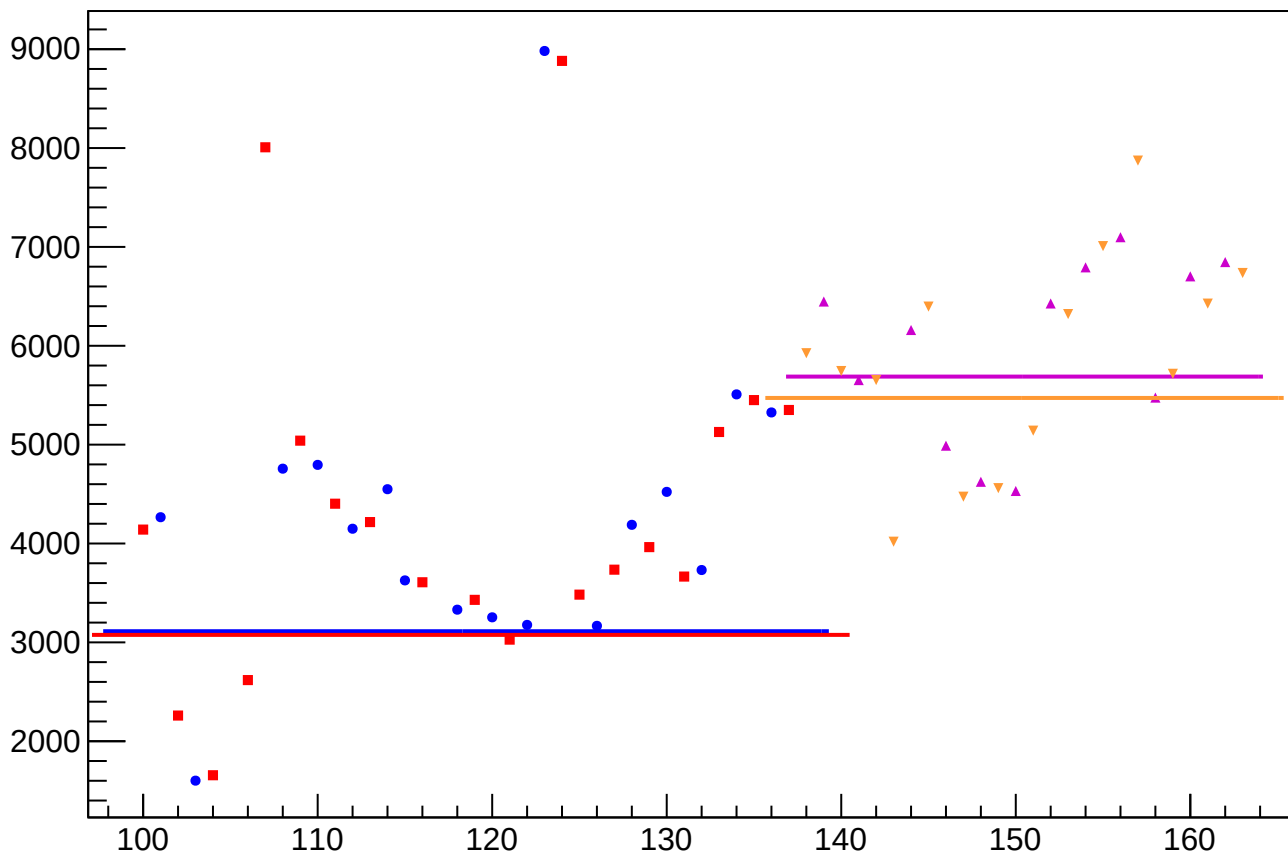
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1685.690+/-1064.552 χ^2/NDF : 20.3/28

Out: 1095.052+/-1028.141 χ^2/NDF : 45.7/32

All: 1380.098+/-739.543 χ^2/NDF : 66.2/61

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5472.299 $\pm$ 1.210 χ^2/NDF : 733930.3/13

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

Left In: 5688.319 $\pm$ 1.302 χ^2/NDF : 471511.9/11

Left: 5572.372 $\pm$ 0.886 χ^2/NDF : 1220212.7/25

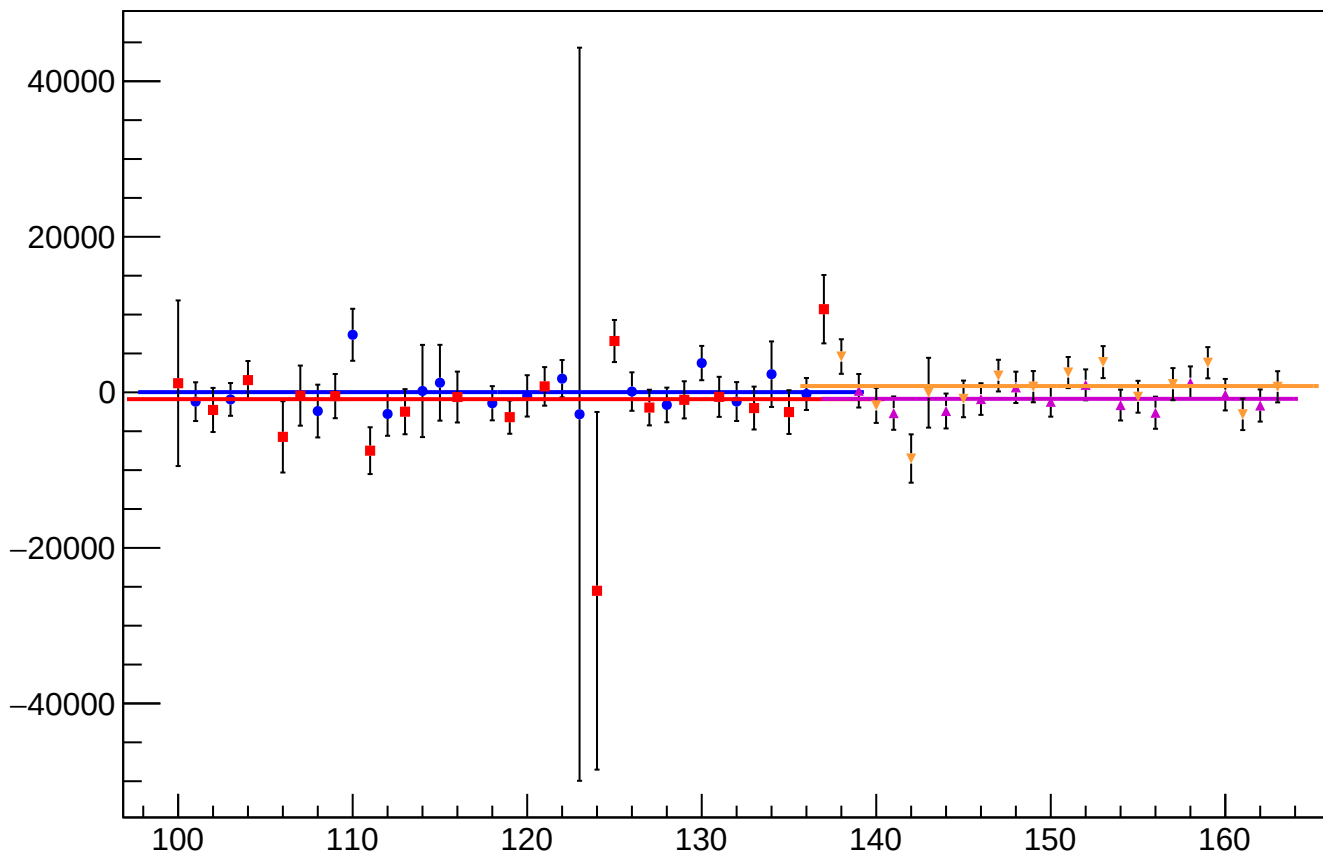
Right: 3093.663 $\pm$ 0.643 χ^2/NDF : 3896339.1/35

In: 3973.335 $\pm$ 0.753 χ^2/NDF : 4960890.7/28

Out: 3925.117 $\pm$ 0.720 χ^2/NDF : 5278438.1/32

All: 3948.162 $\pm$ 0.520 χ^2/NDF : 10241471.0/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 810.055 ± 584.975 χ^2/NDF : 23.0/13

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

Left In: -834.870 ± 593.254 χ^2/NDF : 5.0/11

Left: -0.849 ± 416.536 χ^2/NDF : 31.9/25

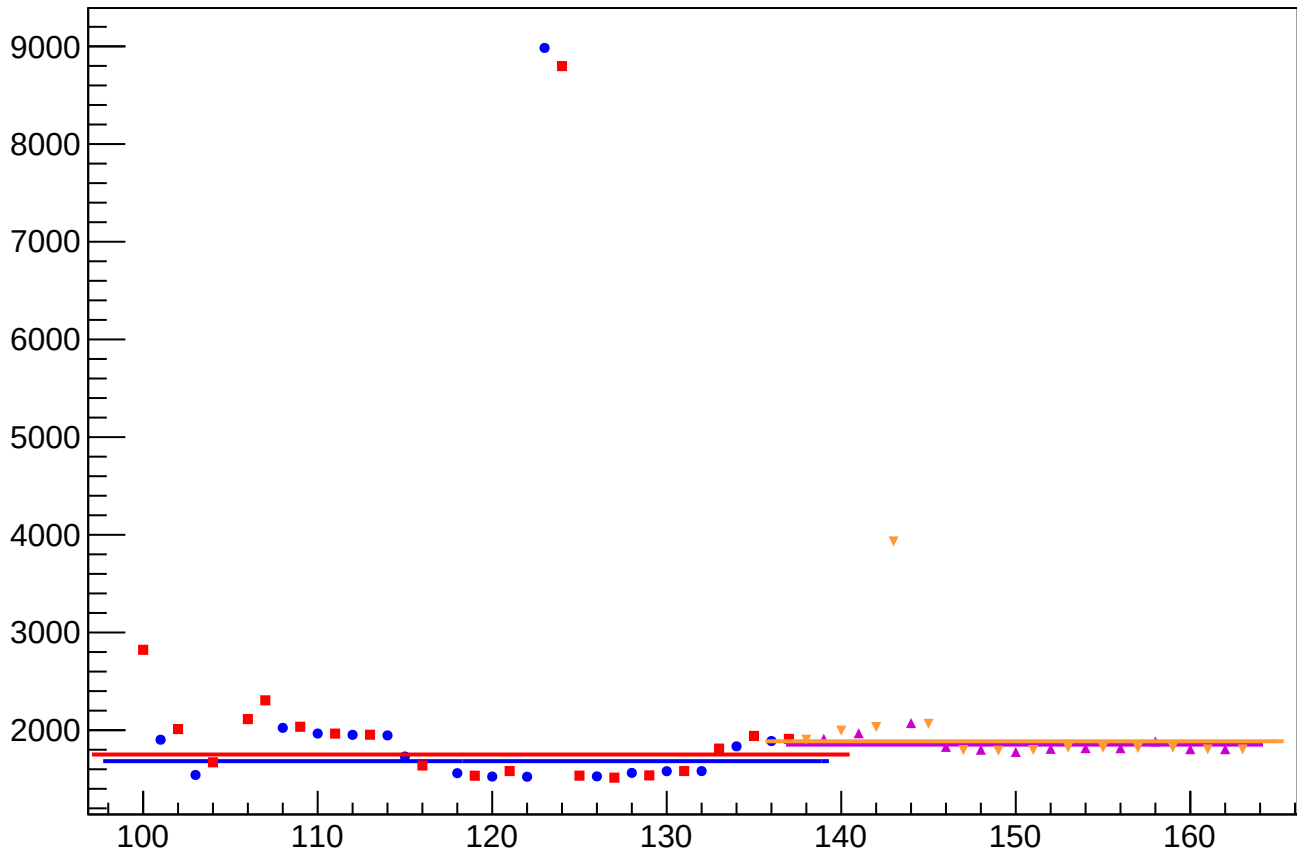
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -447.732 ± 440.732 χ^2/NDF : 17.8/28

Out: 85.426 ± 441.581 χ^2/NDF : 52.2/32

All: -181.666 ± 311.944 χ^2/NDF : 70.7/61

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1886.539+/-0.414 χ^2/NDF : 464265.1/13

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

Left In: 1852.434+/-0.419 χ^2/NDF : 36315.6/11

Left: 1869.726+/-0.295 χ^2/NDF : 503932.0/25

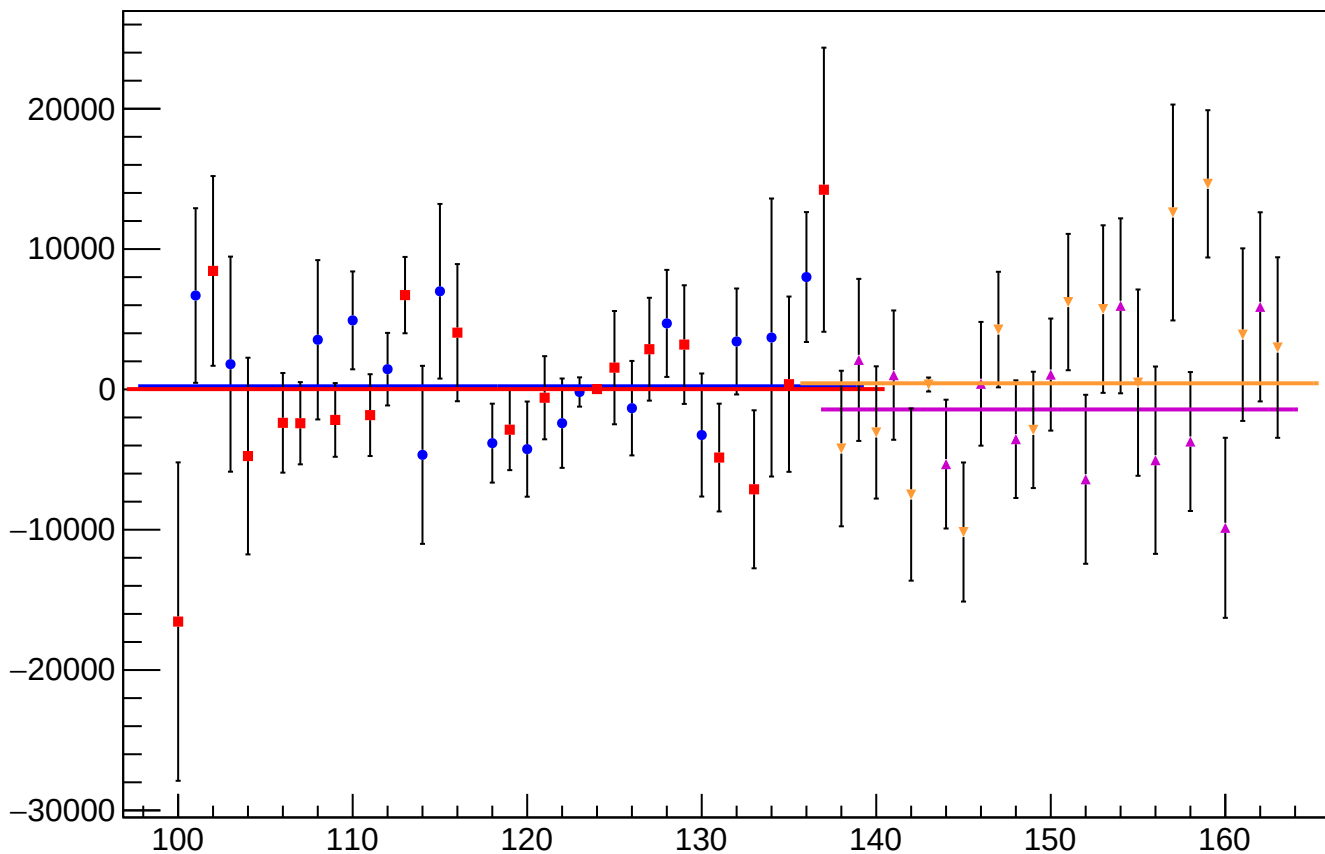
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1776.568+/-0.312 χ^2/NDF : 305165.1/28

Out: 1828.125+/-0.312 χ^2/NDF : 937579.1/32

All: 1802.321+/-0.220 χ^2/NDF : 1256415.4/63

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 435.217 $\pm$ 472.962 χ^2/NDF : 21.6/13

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

Left In: -1429.064 $\pm$ 1476.882 χ^2/NDF : 7.7/11

Left: 261.808 $\pm$ 450.429 χ^2/NDF : 30.7/25

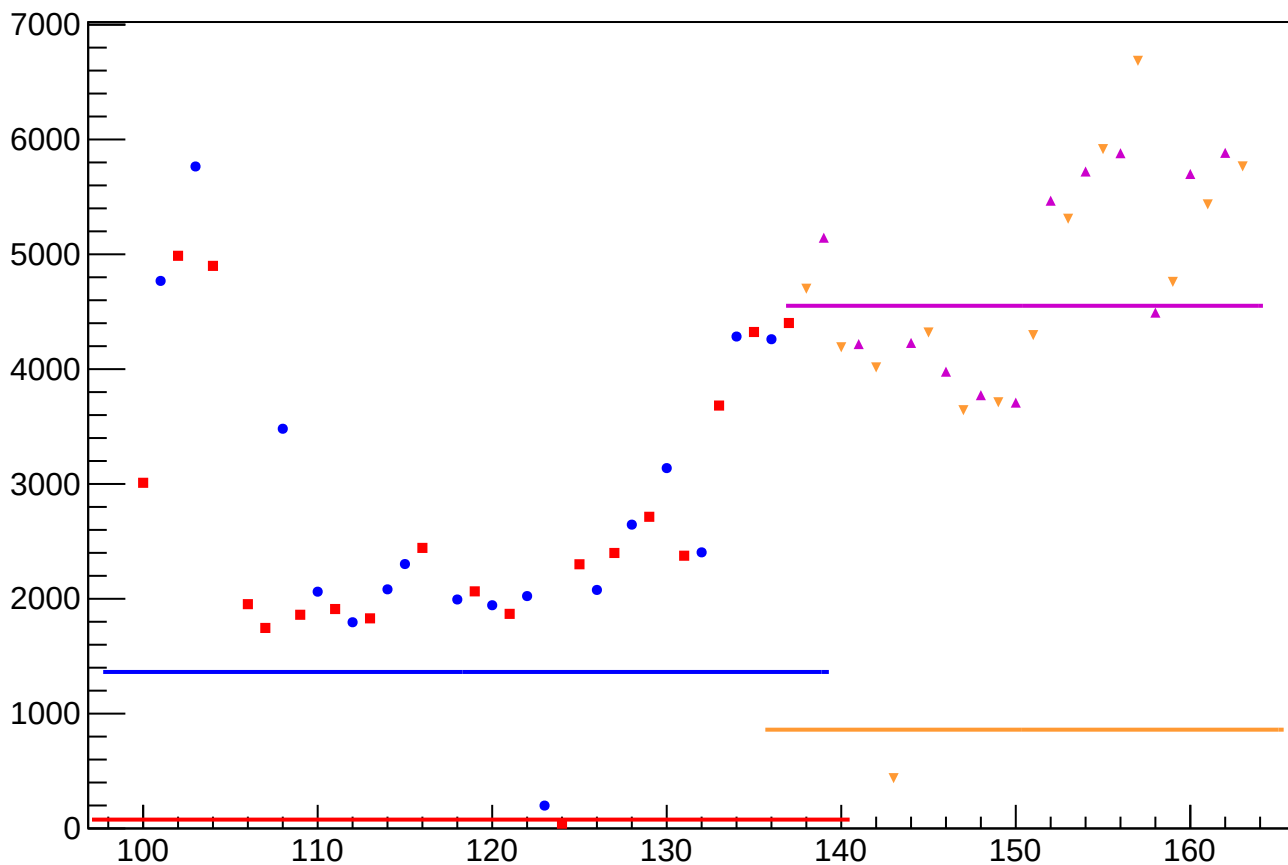
Right: 25.147 $\pm$ 112.726 χ^2/NDF : 36.6/35

In: -97.475 $\pm$ 647.852 χ^2/NDF : 24.5/28

Out: 43.101 $\pm$ 110.945 χ^2/NDF : 43.0/32

All: 39.096 $\pm$ 109.353 χ^2/NDF : 67.5/61

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 860.242 $\pm$ 0.334 χ^2 /NDF: 14543082.5/13

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

Left In: 4551.717 $\pm$ 1.044 χ^2 /NDF: 571707.6/11

Left: 1203.610 $\pm$ 0.319 χ^2 /NDF: 26447603.3/25

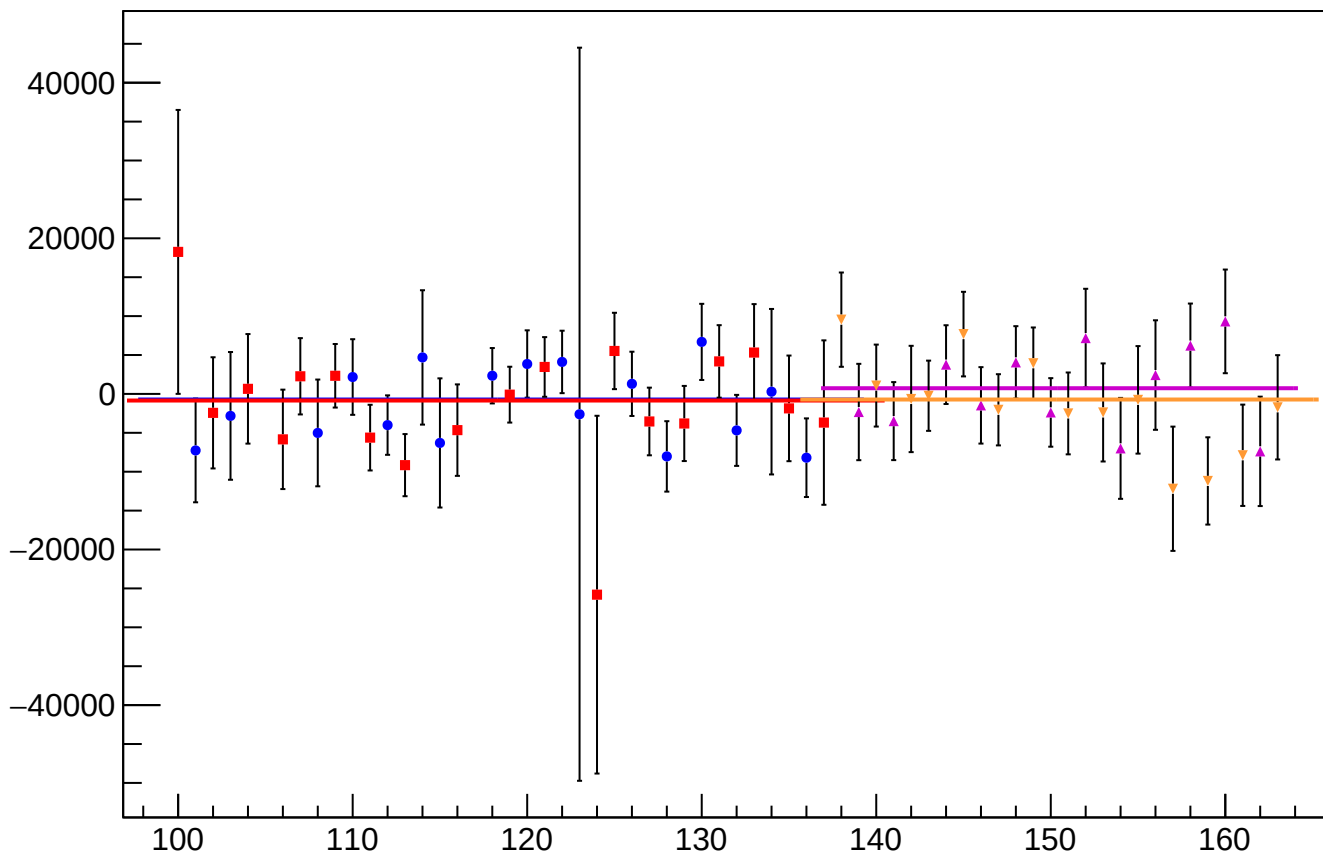
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1976.459 $\pm$ 0.458 χ^2 /NDF: 14337583.0/28

Out: 120.220 $\pm$ 0.078 χ^2 /NDF: 32972524.0/32

All: 173.106 $\pm$ 0.077 χ^2 /NDF: 63261292.5/63

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -720.252+/-1510.627 χ^2/NDF :13.5/13

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

Left In: 731.061+/-1601.556 χ^2/NDF :9.1/11

Left: -36.963+/-1098.915 χ^2/NDF : 23.0/25

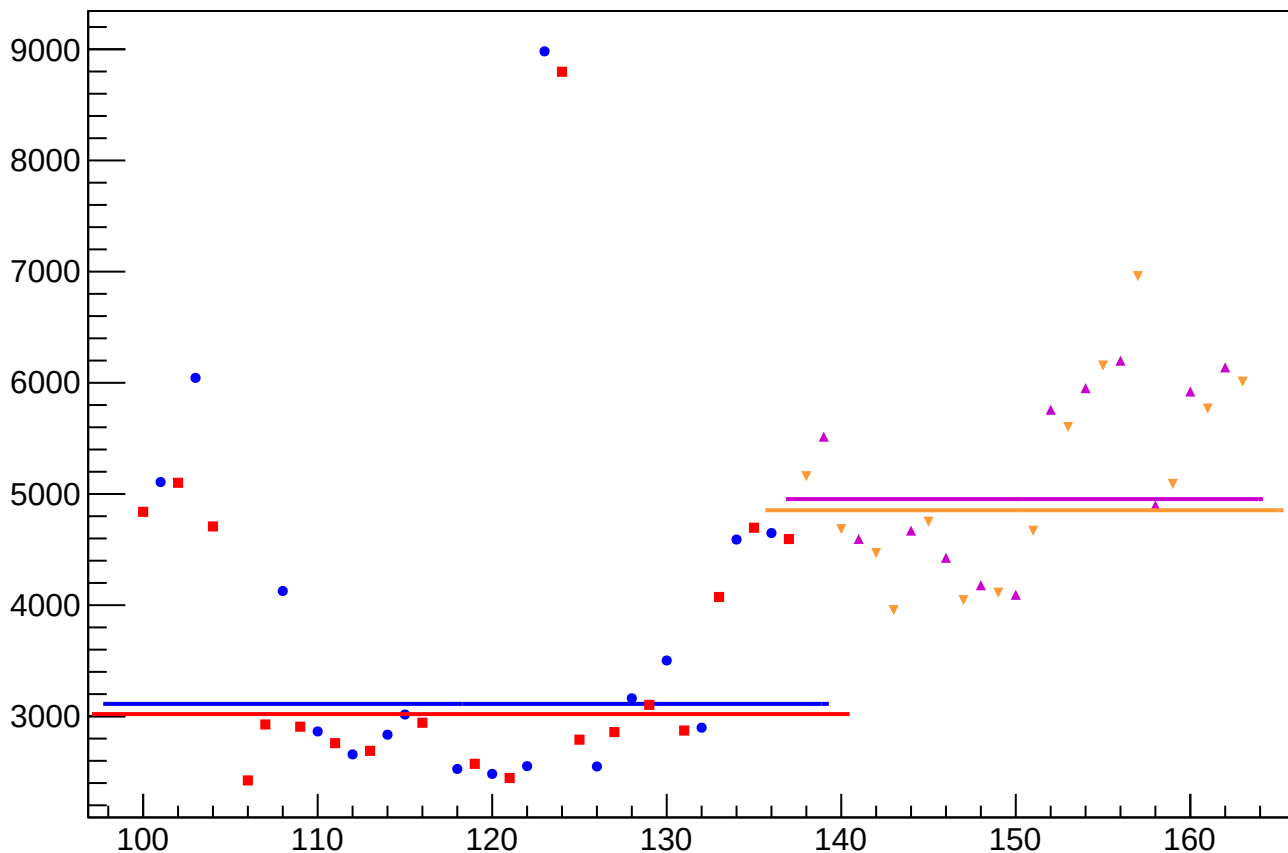
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -170.231+/-986.626 χ^2/NDF :24.3/28

Out: -800.122+/-935.716 χ^2/NDF :29.5/32

All: -501.847+/-678.936 χ^2/NDF : 54.0/61

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4853.695+/-1.068 χ^2/NDF : 551144.0/13

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

Left In: 4954.165+/-1.132 χ^2/NDF : 429069.4/11

Left: 4900.997+/-0.777 χ^2/NDF : 984378.6/25

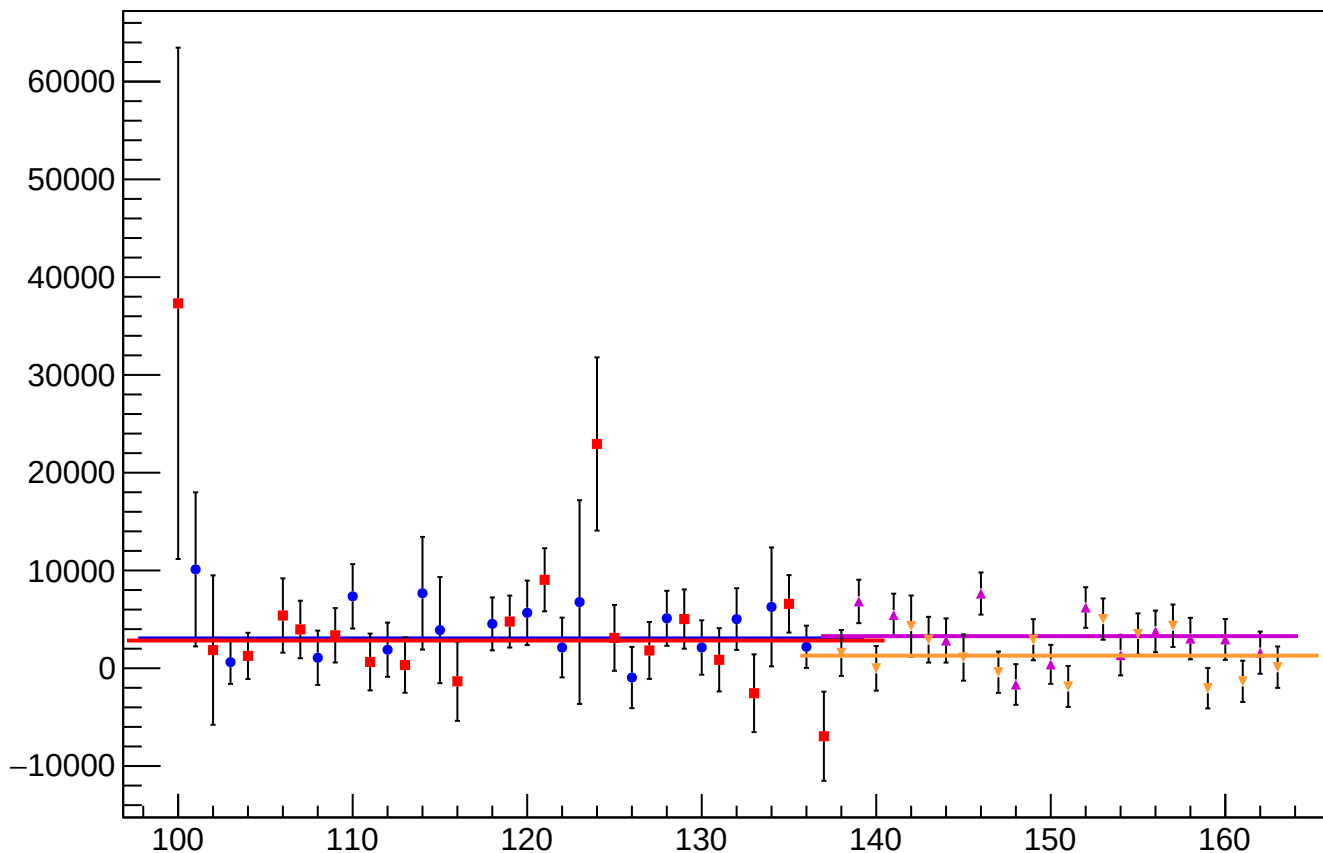
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3811.256+/-0.698 χ^2/NDF : 3029031.5/28

Out: 3712.935+/-0.657 χ^2/NDF : 3178313.1/32

All: 3759.113+/-0.478 χ^2/NDF : 6217878.0/63

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1289.163+/-591.350 χ^2/NDF :16.0/13

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

Left In: 3282.671+/-613.253 χ^2/NDF :19.0/11

Left: 2249.681+/-425.680 χ^2/NDF : 40.4/25

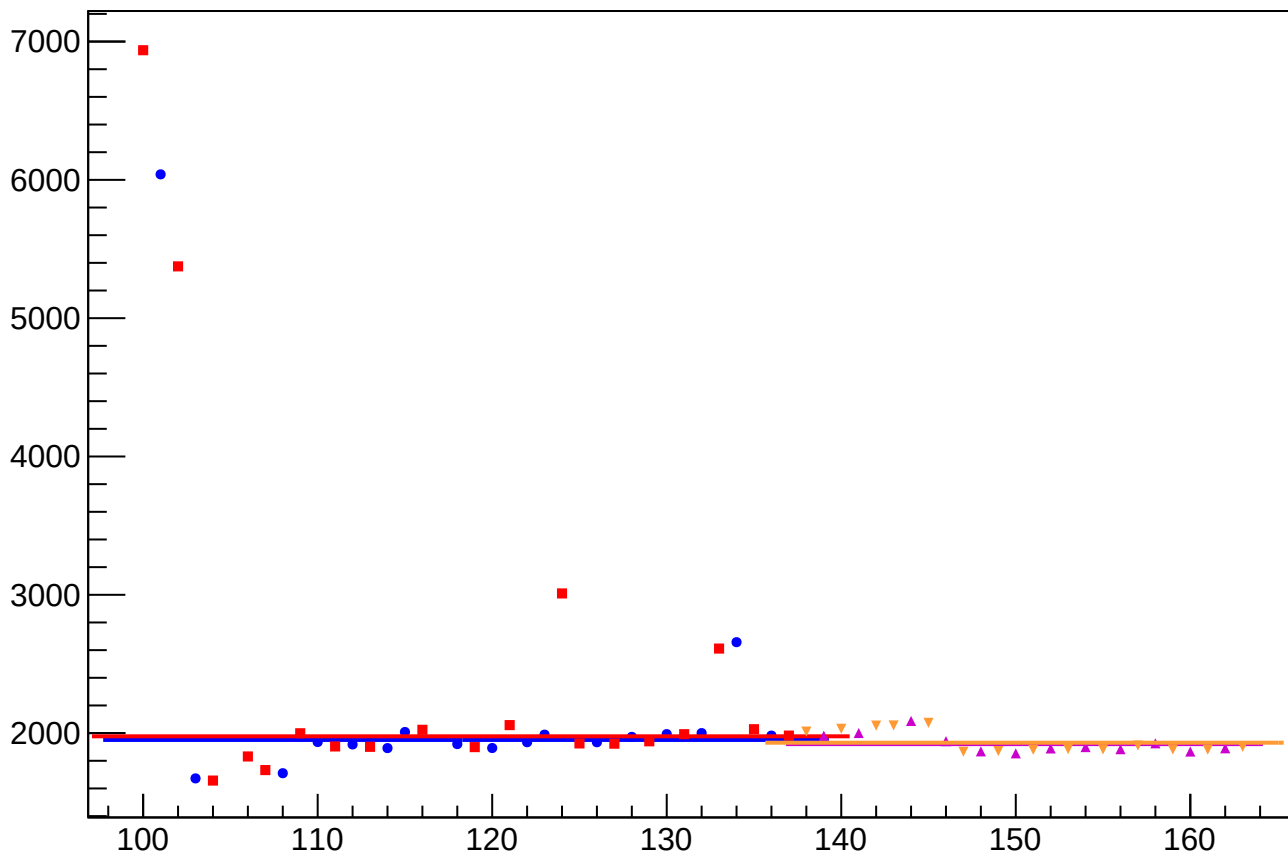
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3192.345+/-480.263 χ^2/NDF :28.3/28

Out: 1867.919+/-468.065 χ^2/NDF :42.3/32

All: 2513.099+/-335.202 χ^2/NDF : 74.5/61

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1930.766+/-0.418 χ^2/NDF : 32030.2/13

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

Left In: 1920.544+/-0.434 χ^2/NDF : 21920.1/11

Left: 1925.841+/-0.301 χ^2/NDF : 54238.2/25

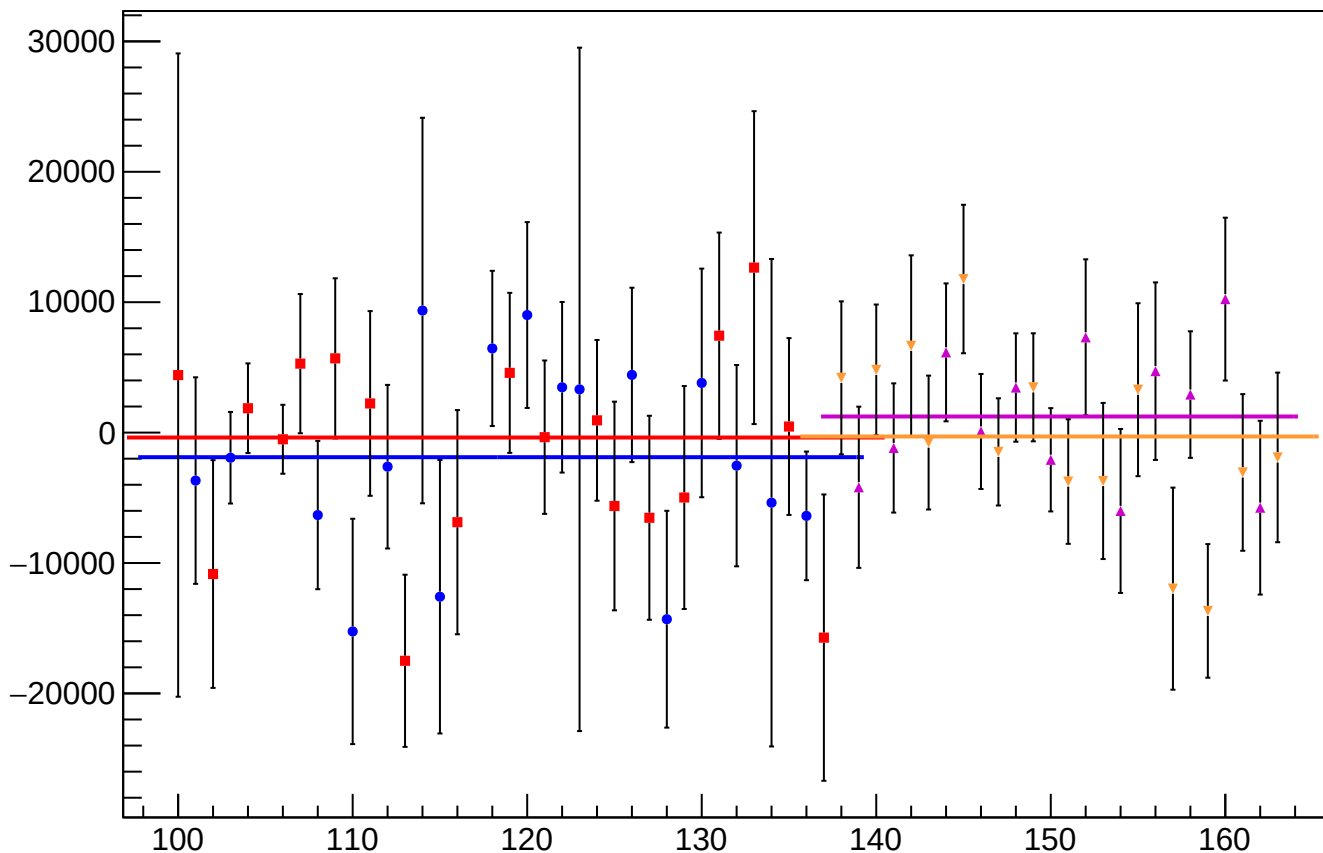
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1932.202+/-0.340 χ^2/NDF : 638954.5/28

Out: 1948.040+/-0.331 χ^2/NDF : 644302.3/32

All: 1940.326+/-0.237 χ^2/NDF : 1284372.5/63

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 $\pm$ 1657.979 χ^2/NDF : 14.1/16

Left Out: -298.496 $\pm$ 1448.608 χ^2/NDF : 18.5/13

Right Out: -376.861 $\pm$ 1359.615 χ^2/NDF : 17.6/18

Left In: 1234.760 $\pm$ 1505.570 χ^2/NDF : 8.8/11

Left: 438.579 $\pm$ 1043.877 χ^2/NDF : 27.9/25

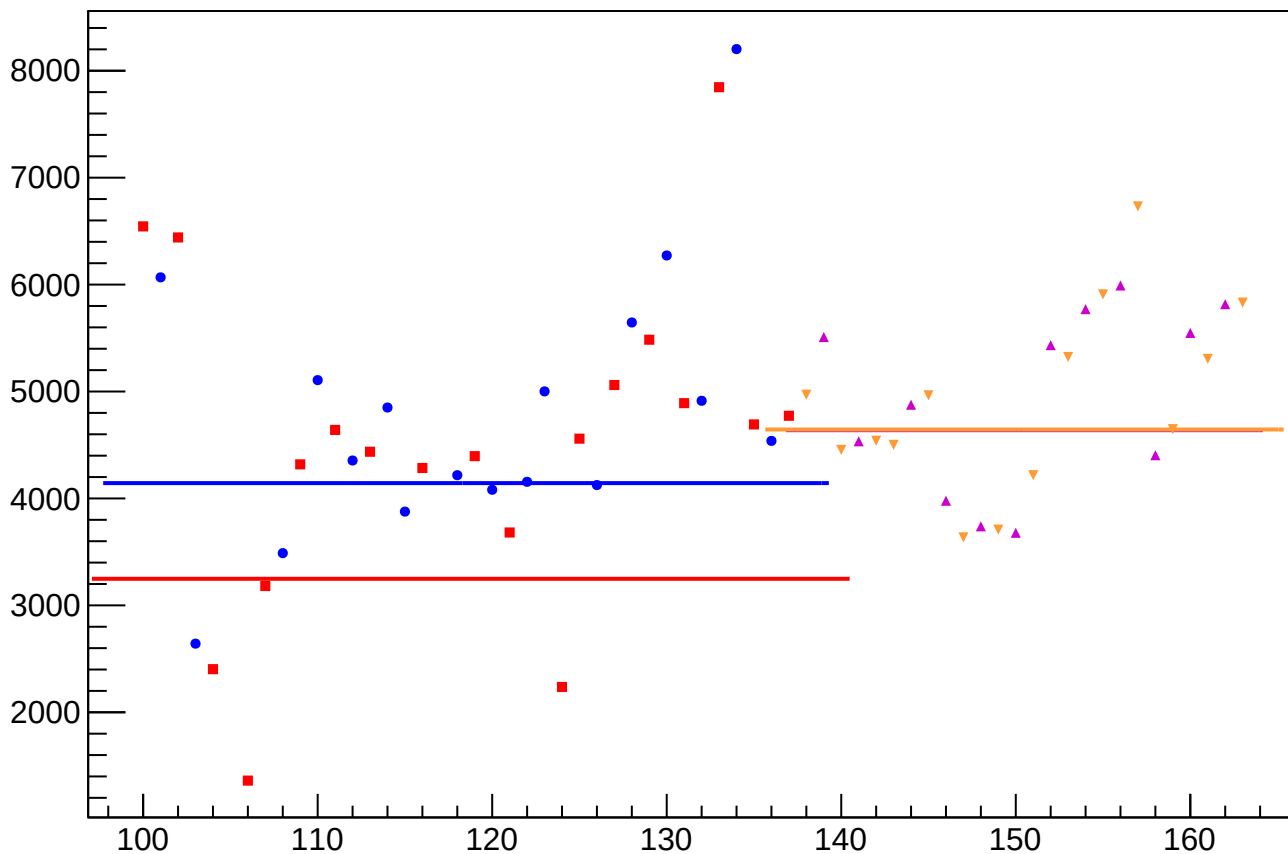
Right: -983.372 $\pm$ 1051.324 χ^2/NDF : 32.2/35

In: -175.297 $\pm$ 1114.595 χ^2/NDF : 24.9/28

Out: -340.159 $\pm$ 991.362 χ^2/NDF : 36.2/32

All: -267.342 $\pm$ 740.752 χ^2/NDF : 61.1/61

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4644.704+/-1.024 χ^2/NDF : 590259.7/13

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

Left In: 4638.263+/-1.065 χ^2/NDF : 589361.7/11

Left: 4641.608+/-0.738 χ^2/NDF : 1179640.4/25

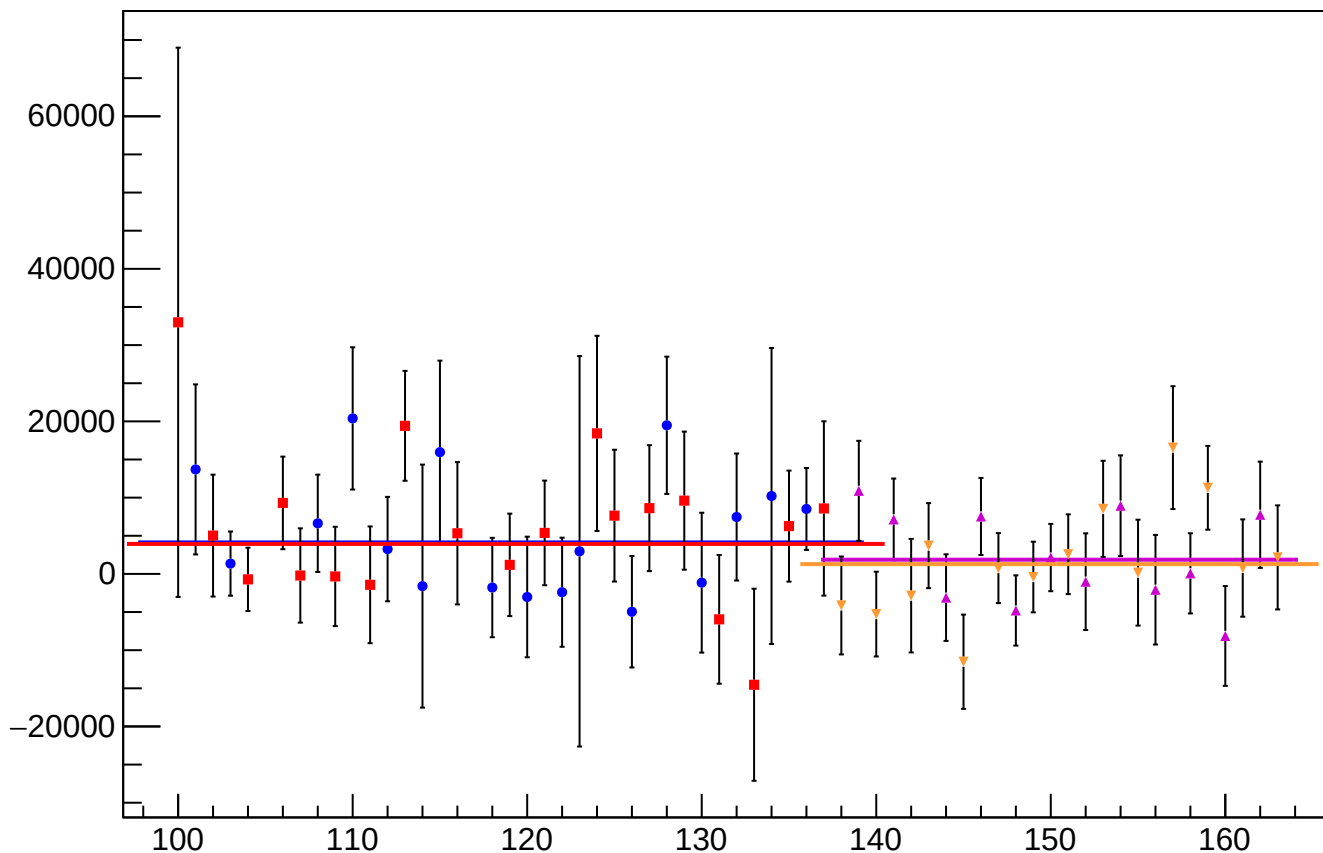
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4414.653+/-0.788 χ^2/NDF : 1542953.9/28

Out: 3902.472+/-0.701 χ^2/NDF : 4195621.3/32

All: 4128.694+/-0.524 χ^2/NDF : 5974364.0/63

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1284.853 $\pm$ 1572.862 χ^2 /NDF: 15.4/13

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

Left In: 1864.484 $\pm$ 1634.632 χ^2 /NDF: 11.8/11

Left: 1563.510 $\pm$ 1133.390 χ^2 /NDF: 27.3/25

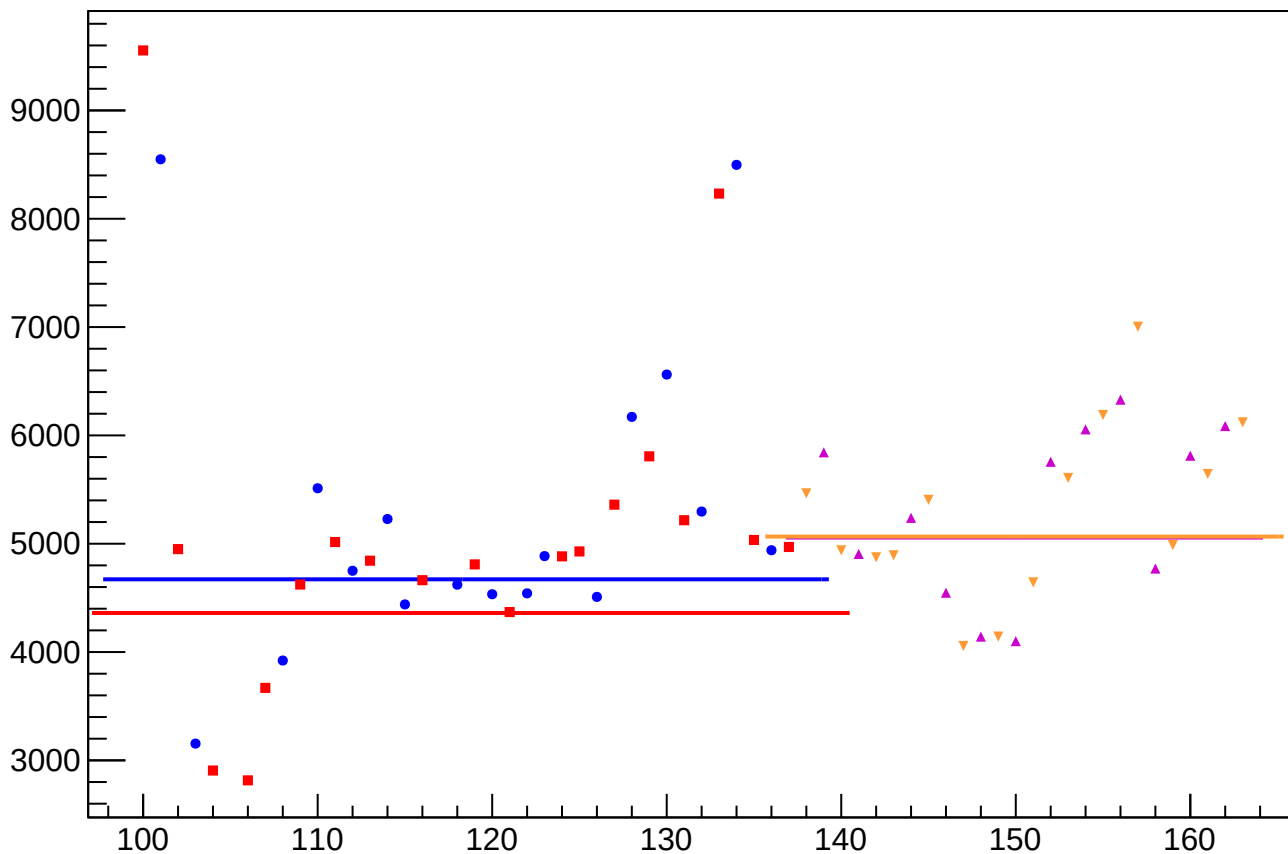
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 2848.447 $\pm$ 1228.730 χ^2 /NDF: 26.3/28

Out: 2486.800 $\pm$ 1162.406 χ^2 /NDF: 31.6/32

All: 2657.600 $\pm$ 844.419 χ^2 /NDF: 58.0/61

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319 $\pm$ 1.317 χ^2/NDF : 786112.0/16

Left Out: 5066.227 $\pm$ 1.112 χ^2/NDF : 454827.1/13

Right Out: 4360.531 $\pm$ 1.213 χ^2/NDF : 834123.3/18

Left In: 5056.963 $\pm$ 1.156 χ^2/NDF : 434697.4/11

Left: 5061.773 $\pm$ 0.801 χ^2/NDF : 889557.9/25

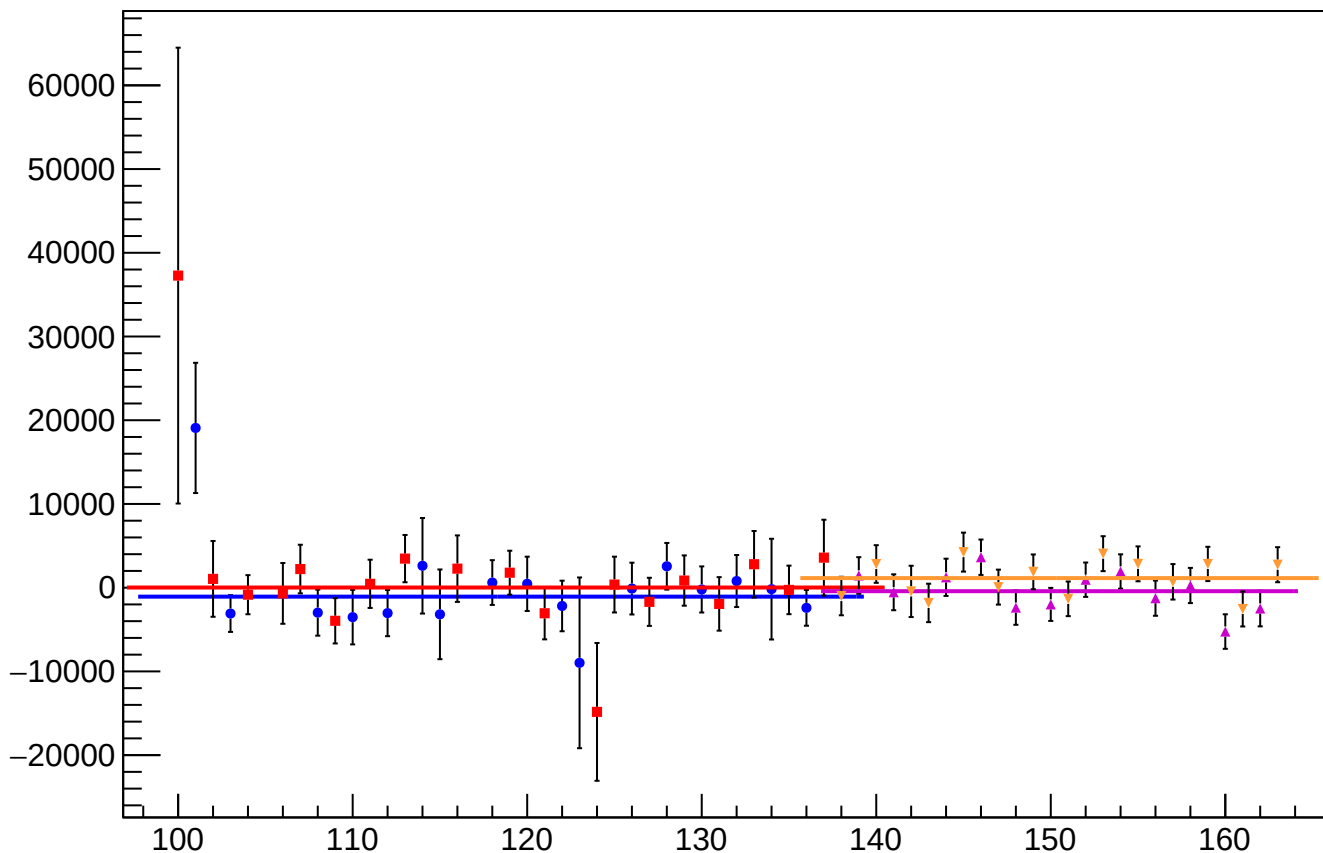
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

In: 4889.220 $\pm$ 0.869 χ^2/NDF : 1269228.9/28

Out: 4743.939 $\pm$ 0.820 χ^2/NDF : 1472820.2/32

All: 4812.362 $\pm$ 0.596 χ^2/NDF : 2756840.6/61

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1145.272 ± 583.018 $\chi^2/\text{NDF}: 14.0/13$

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

Left In: -418.855 ± 605.294 $\chi^2/\text{NDF}: 15.0/11$

Left: 392.520 ± 419.910 $\chi^2/\text{NDF}: 32.5/25$

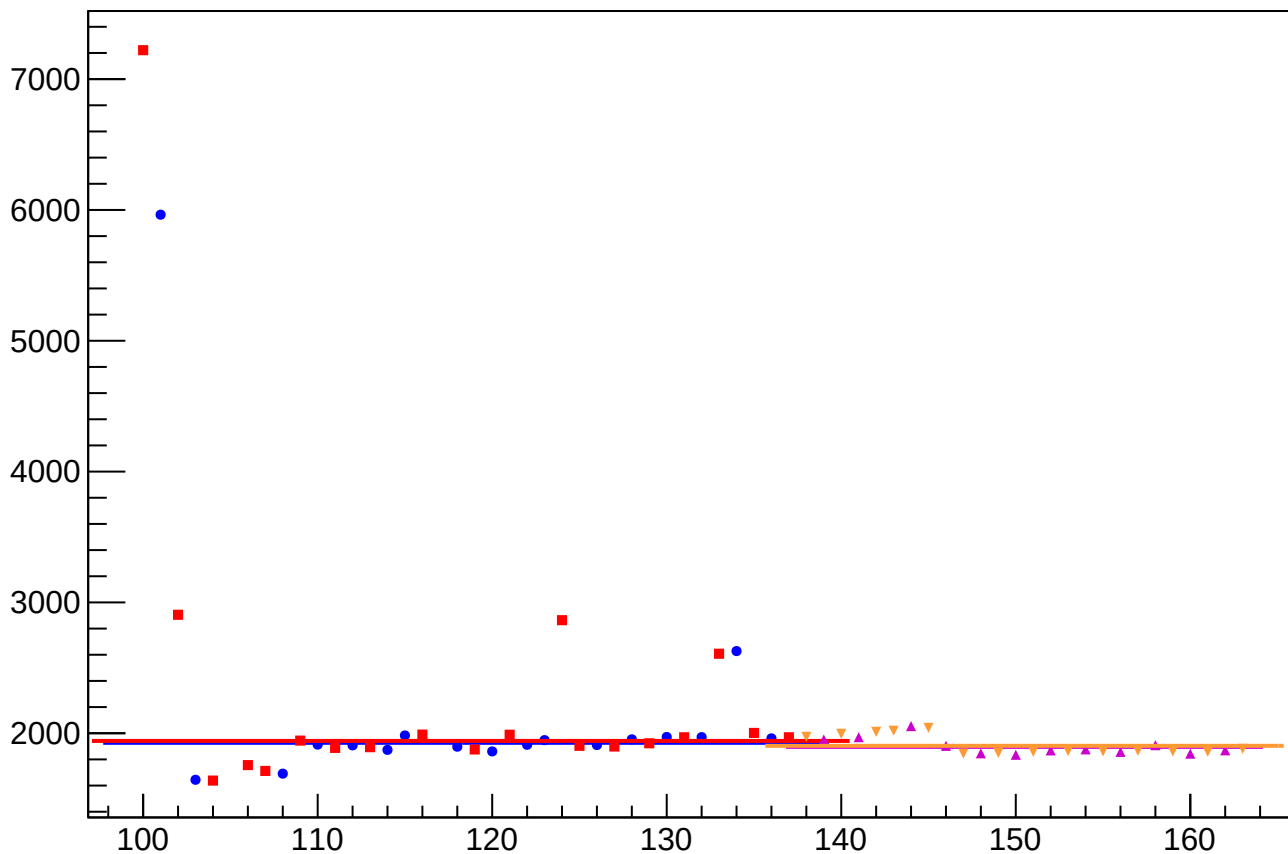
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

In: -670.858 ± 474.192 $\chi^2/\text{NDF}: 29.1/28$

Out: 719.577 ± 459.792 $\chi^2/\text{NDF}: 28.7/32$

All: 45.791 ± 330.096 $\chi^2/\text{NDF}: 62.3/61$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.823+/-0.412 χ^2/NDF : 27731.7/13

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

Left In: 1895.807+/-0.428 χ^2/NDF : 19786.0/11

Left: 1899.965+/-0.297 χ^2/NDF : 47699.6/25

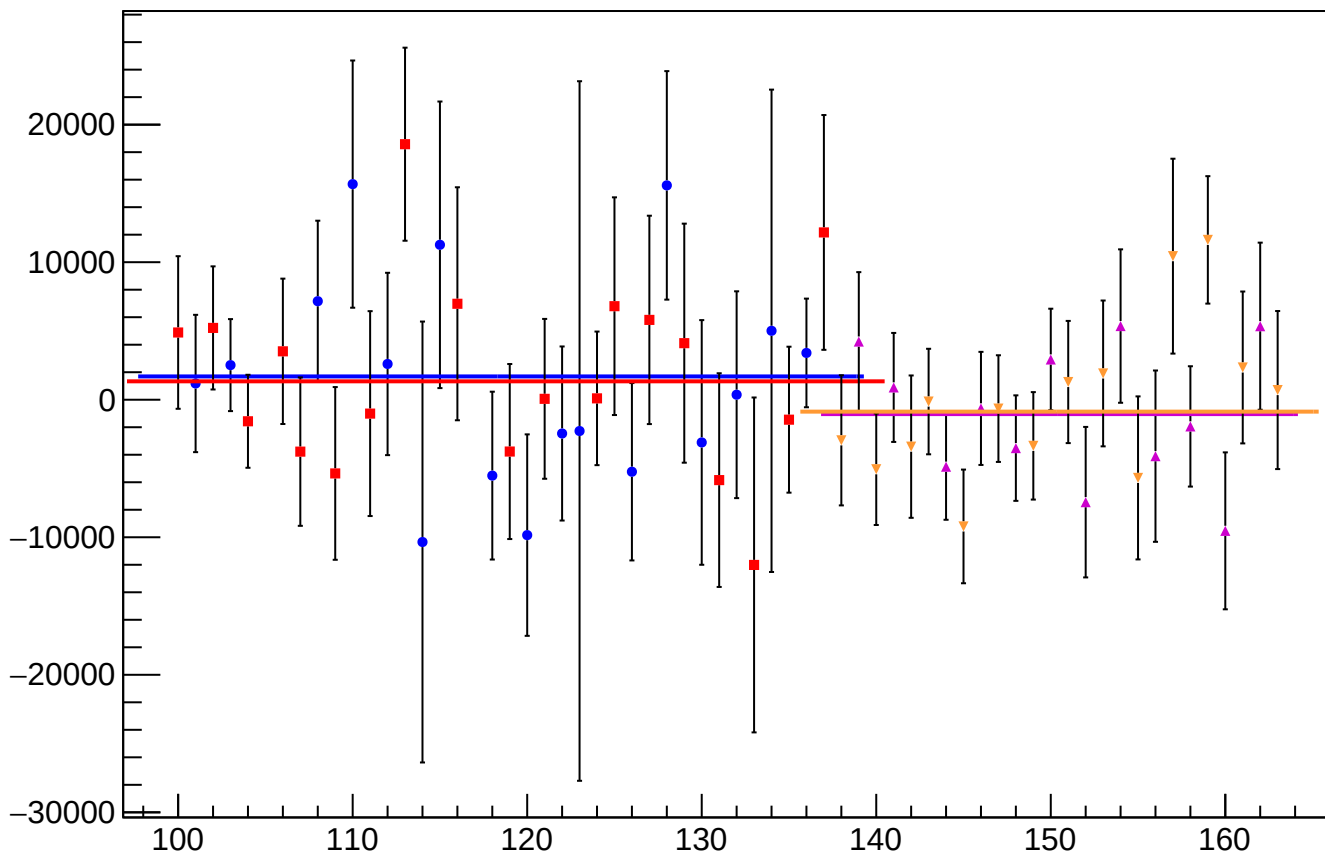
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1907.813+/-0.335 χ^2/NDF : 638939.5/28

Out: 1917.990+/-0.325 χ^2/NDF : 335219.6/32

All: 1913.060+/-0.233 χ^2/NDF : 974634.0/61

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -865.204+/-1244.474 χ^2/NDF : 17.4/13

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

Left In: -1044.342+/-1322.227 χ^2/NDF : 10.2/11

Left: -949.351+/-906.217 χ^2/NDF : 27.6/25

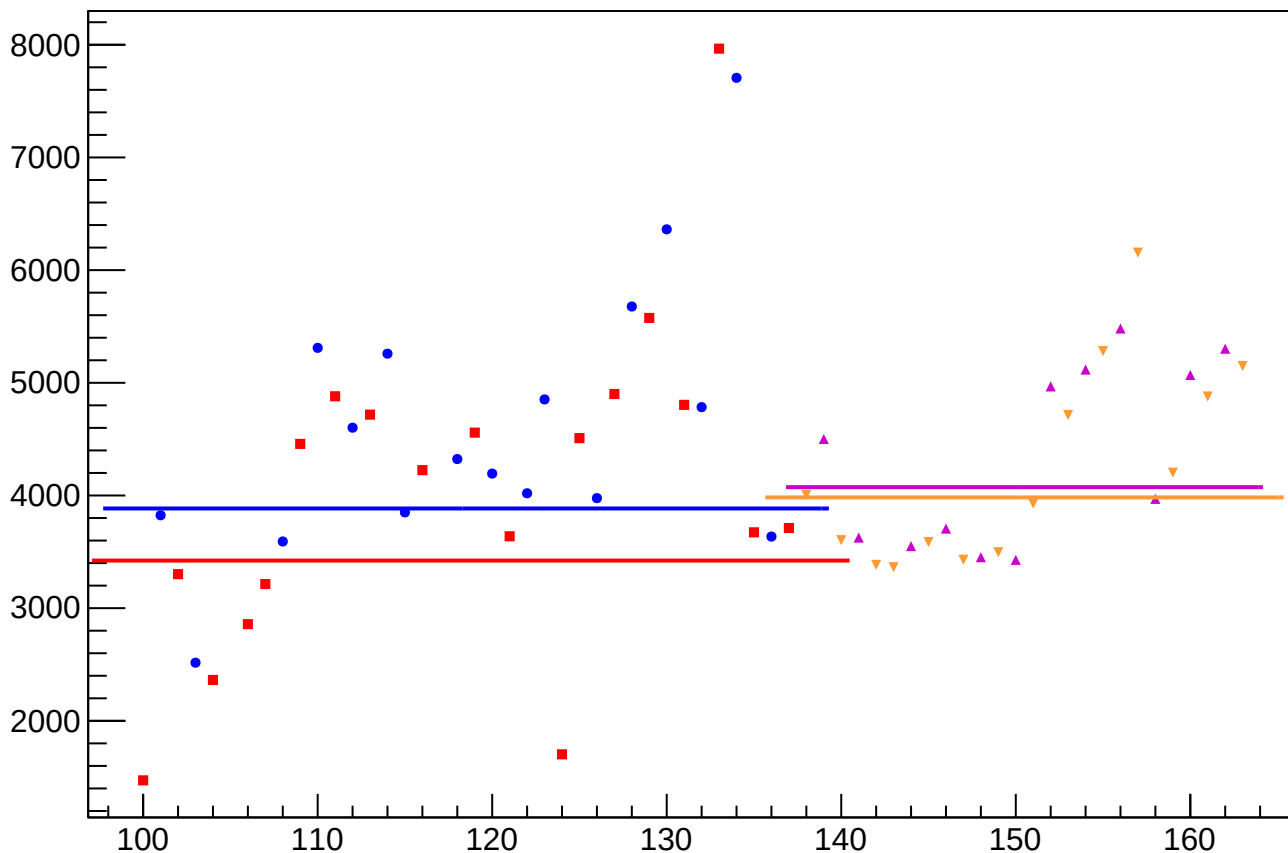
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 107.345+/-1006.472 χ^2/NDF : 25.6/28

Out: 131.732+/-920.862 χ^2/NDF : 35.1/32

All: 120.620+/-679.401 χ^2/NDF : 60.8/61

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3982.763 $\pm$ 0.880 χ^2 /NDF: 648641.0/13

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

Left In: 4073.936 $\pm$ 0.935 χ^2 /NDF: 575707.7/11

Left: 4025.590 $\pm$ 0.641 χ^2 /NDF: 1229391.2/25

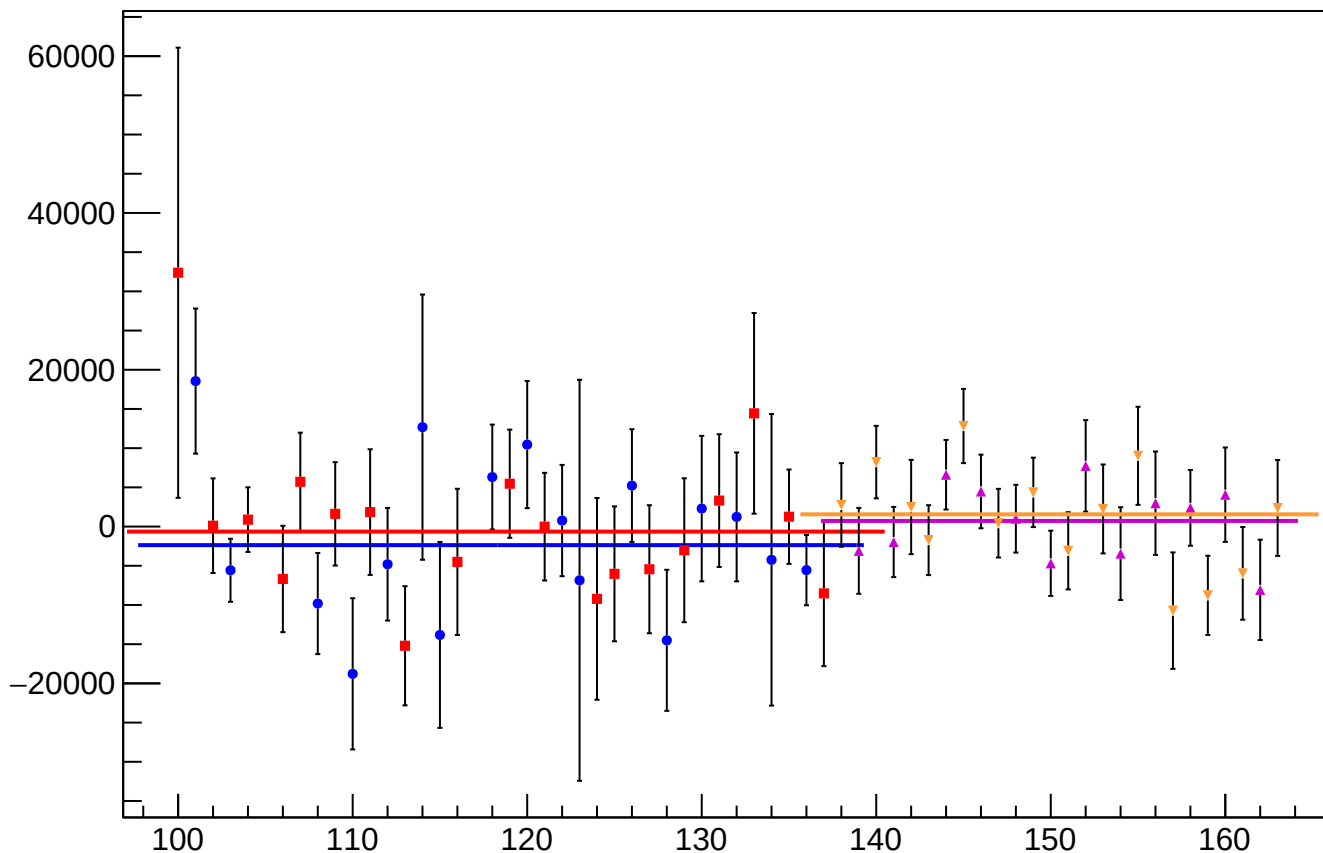
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3994.305 $\pm$ 0.712 χ^2 /NDF: 1419518.9/28

Out: 3729.325 $\pm$ 0.651 χ^2 /NDF: 2422262.6/32

All: 3850.068 $\pm$ 0.480 χ^2 /NDF: 3917241.5/63

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1561.300 ± 1388.992 $\chi^2/\text{NDF}: 19.7/13$

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

Left In: 719.576 ± 1464.273 $\chi^2/\text{NDF}: 9.3/11$

Left: 1162.631 ± 1007.729 $\chi^2/\text{NDF}: 29.2/25$

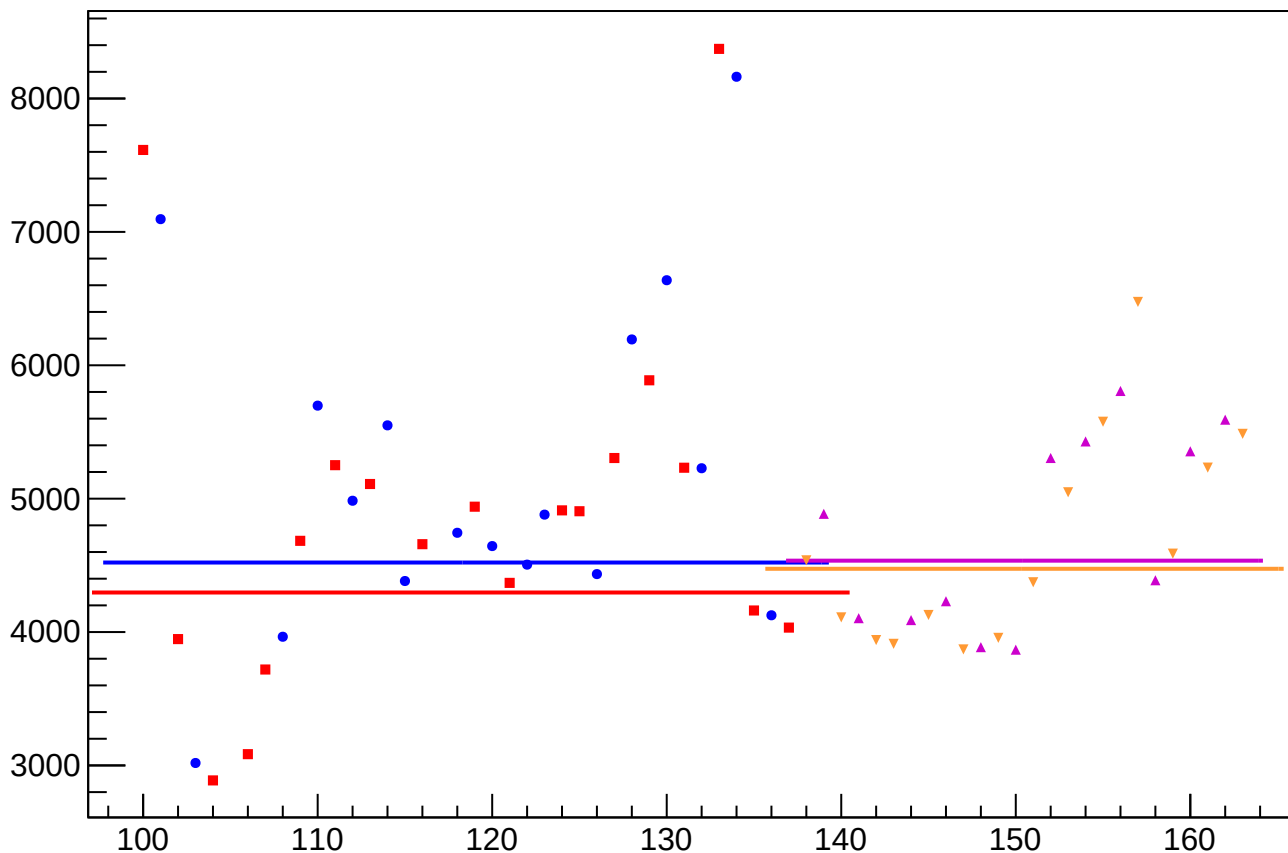
Right: -1449.011 ± 1232.750 $\chi^2/\text{NDF}: 32.4/35$

In: -508.199 ± 1136.383 $\chi^2/\text{NDF}: 31.2/28$

Out: 673.551 ± 1073.111 $\chi^2/\text{NDF}: 32.5/32$

All: 116.490 ± 780.213 $\chi^2/\text{NDF}: 64.3/61$

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4474.281+/-0.982 χ^2/NDF : 453755.6/13

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

Left In: 4535.238+/-1.035 χ^2/NDF : 400154.1/11

Left: 4503.152+/-0.713 χ^2/NDF : 855734.2/25

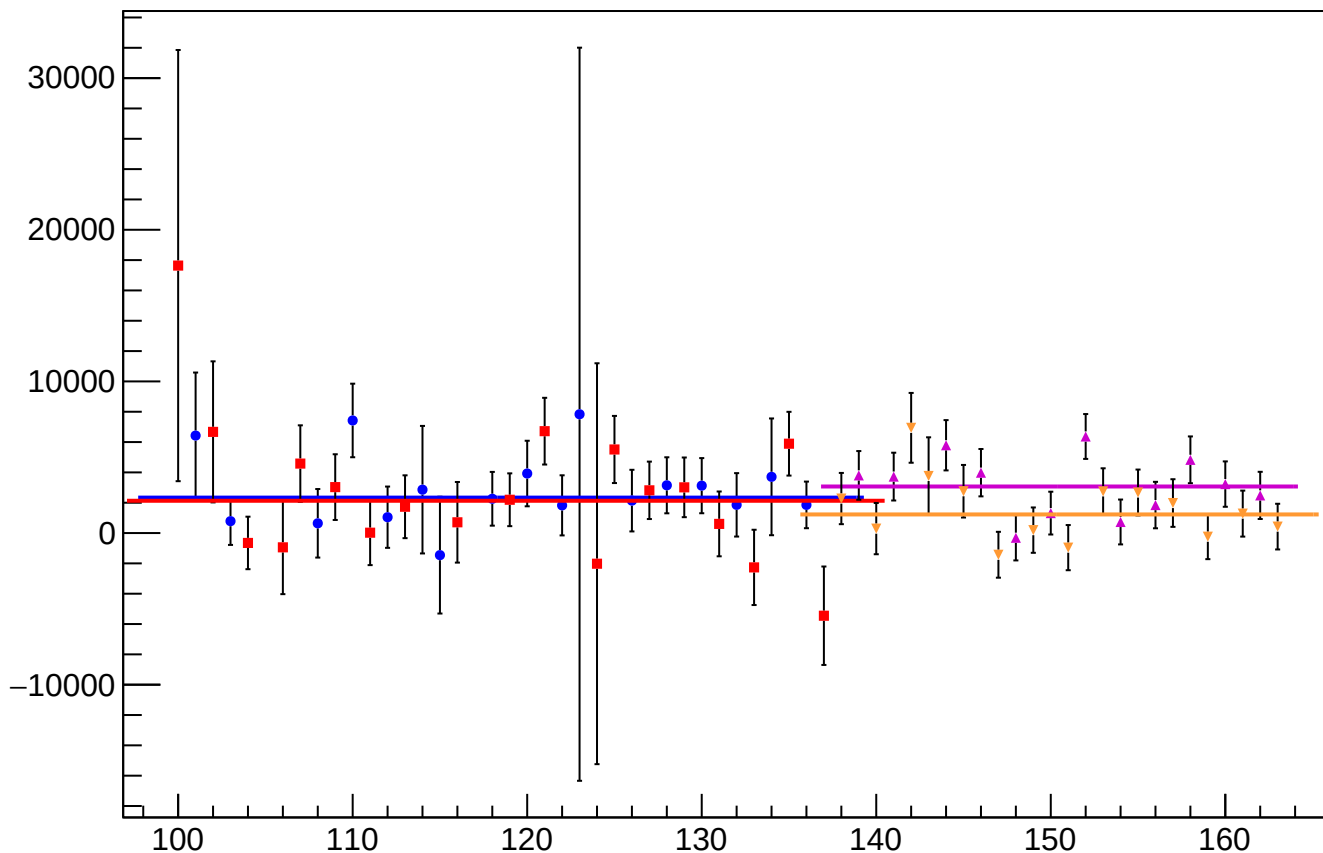
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4529.667+/-0.804 χ^2/NDF : 1178901.9/28

Out: 4402.131+/-0.757 χ^2/NDF : 1240264.3/32

All: 4462.107+/-0.551 χ^2/NDF : 2432510.7/61

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: 1227.363 $\pm$ 433.651 χ^2 /NDF:17.8/13

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

Left In: 3070.107 $\pm$ 441.310 χ^2 /NDF:19.6/11

Left: 2132.606 $\pm$ 309.310 χ^2 /NDF: 46.3/25

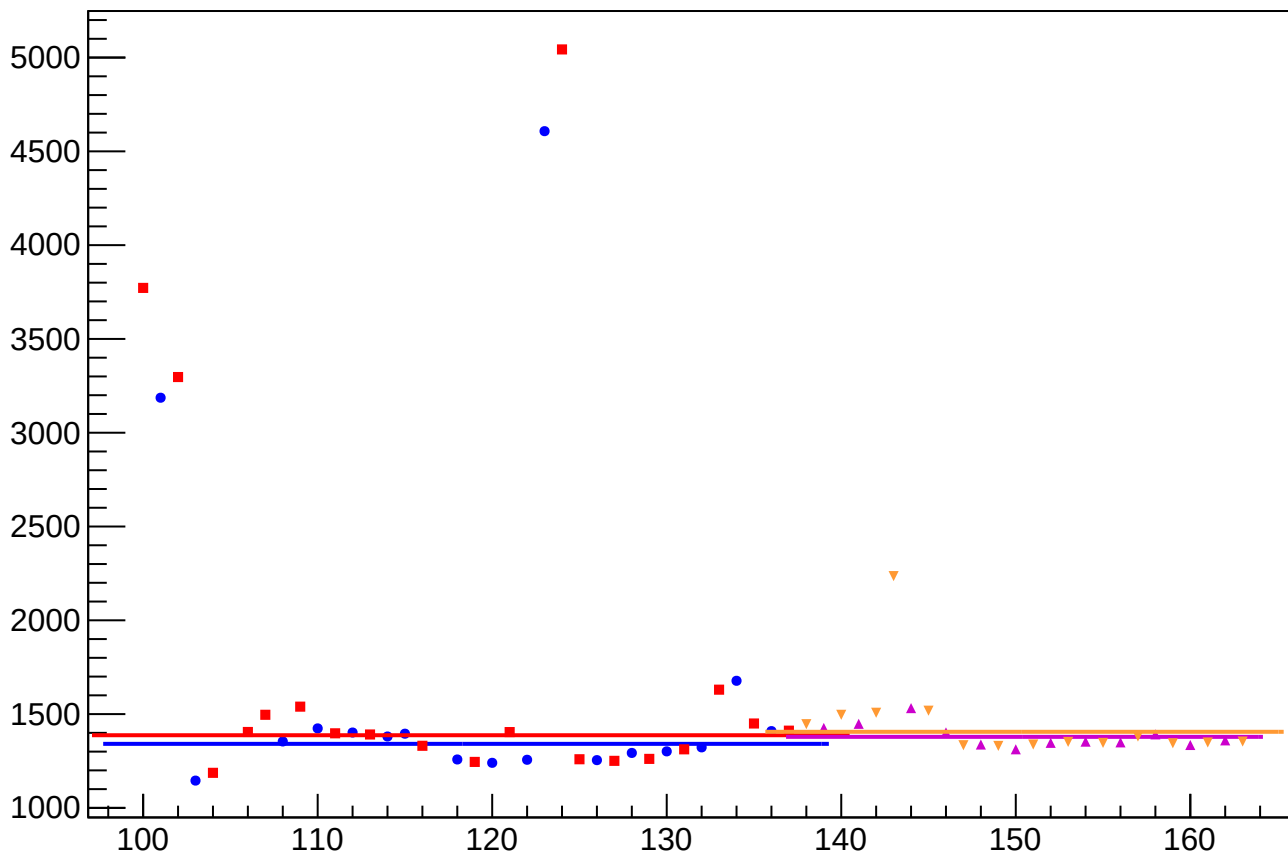
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2770.686 $\pm$ 339.432 χ^2 /NDF:30.4/28

Out: 1581.659 $\pm$ 337.929 χ^2 /NDF:47.0/32

All: 2173.533 $\pm$ 239.481 χ^2 /NDF: 83.6/61

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1405.651+/-0.307 χ^2/NDF : 259634.2/13

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

Left In: 1378.731+/-0.312 χ^2/NDF : 33478.4/11

Left: 1392.427+/-0.219 χ^2/NDF : 296898.7/25

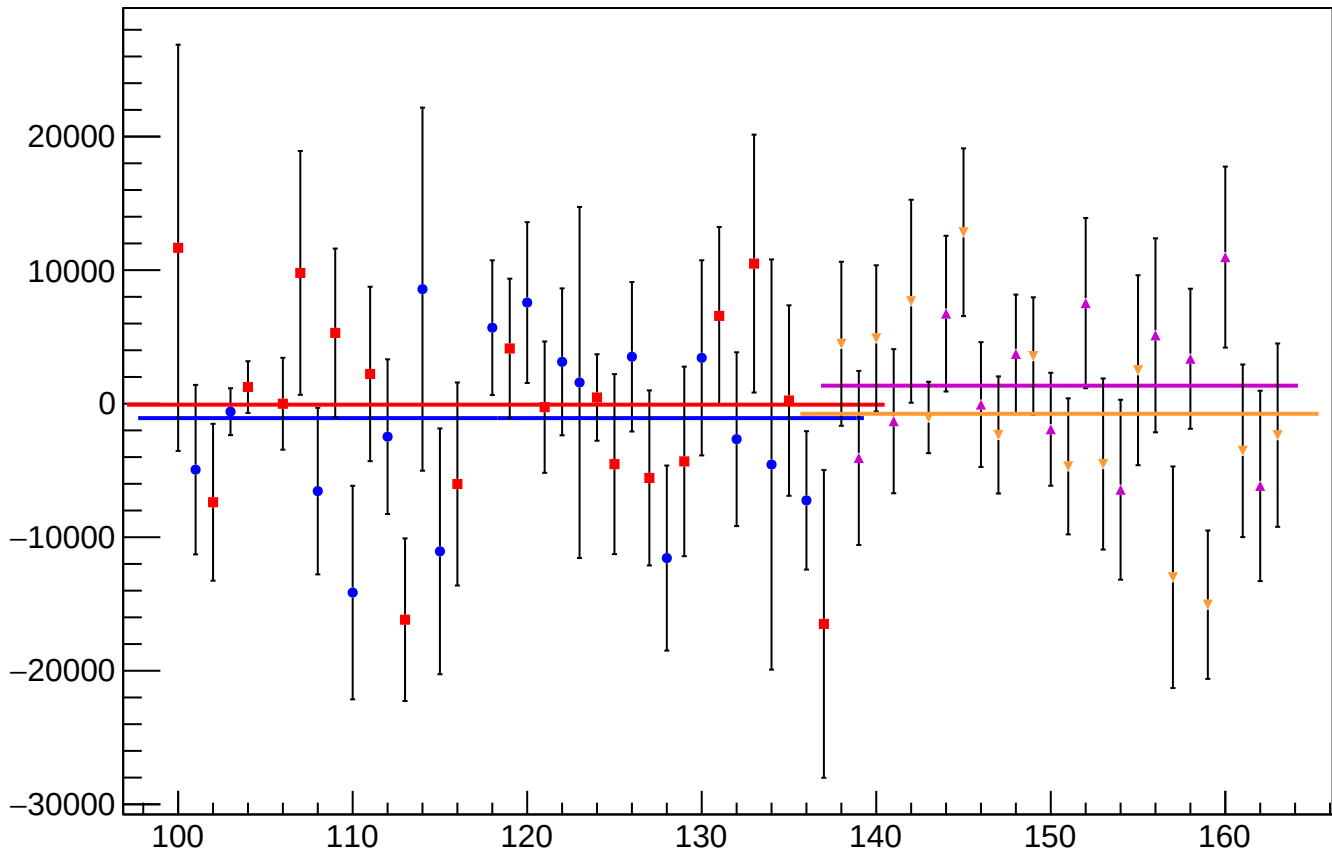
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1363.474+/-0.240 χ^2/NDF : 543603.7/28

Out: 1398.459+/-0.239 χ^2/NDF : 911227.5/32

All: 1381.047+/-0.169 χ^2/NDF : 1465503.4/61

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -757.651 ± 1385.837 $\chi^2/\text{NDF}: 19.0/13$

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

Left In: 1348.697 ± 1615.677 $\chi^2/\text{NDF}: 8.6/11$

Left: 135.170 ± 1051.893 $\chi^2/\text{NDF}: 28.6/25$

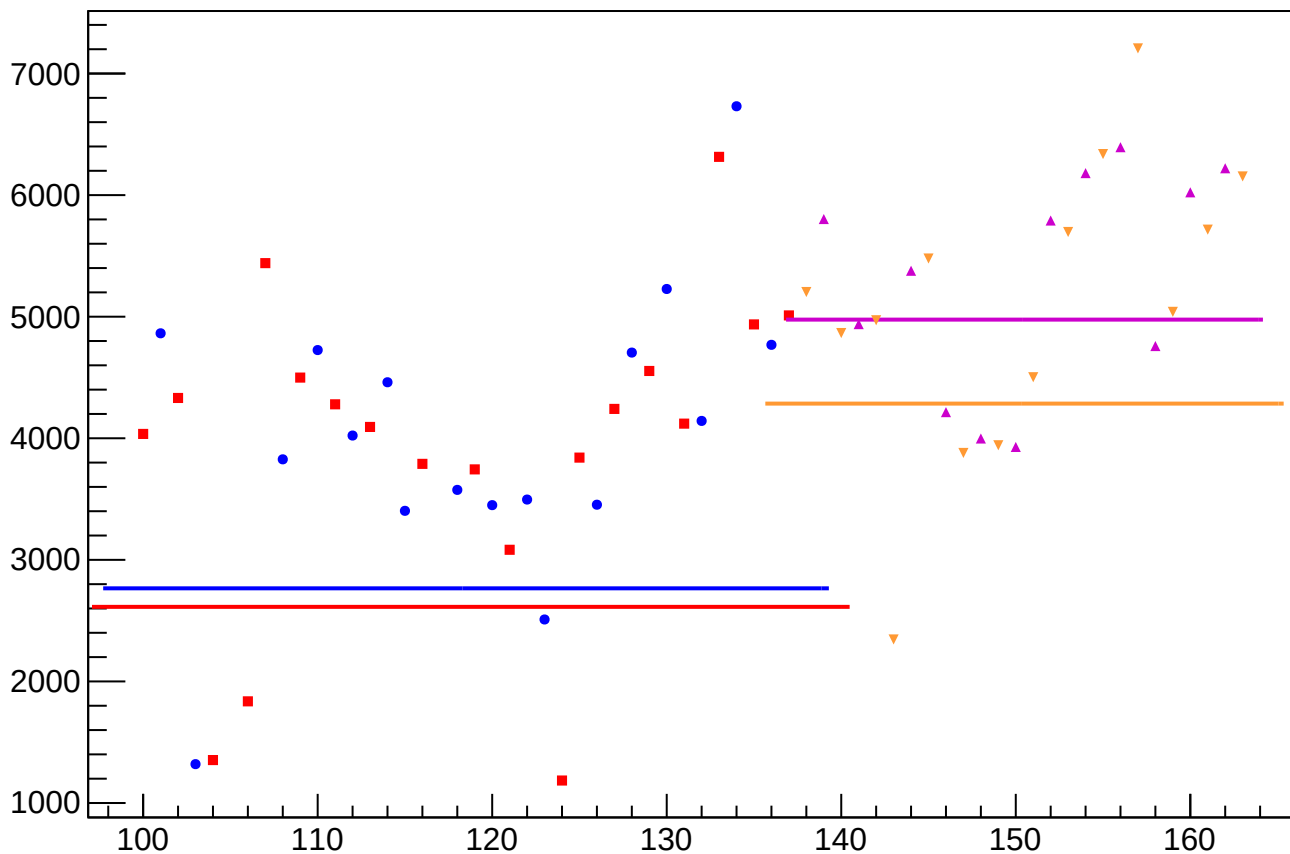
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -205.757 ± 969.726 $\chi^2/\text{NDF}: 25.0/28$

Out: -345.971 ± 874.004 $\chi^2/\text{NDF}: 37.8/32$

All: -283.124 ± 649.226 $\chi^2/\text{NDF}: 62.8/61$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4285.140+/-0.980 χ^2/NDF : 2035694.1/13

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

Left In: 4975.963+/-1.142 χ^2/NDF : 599530.6/11

Left: 4577.961+/-0.744 χ^2/NDF : 2845880.9/25

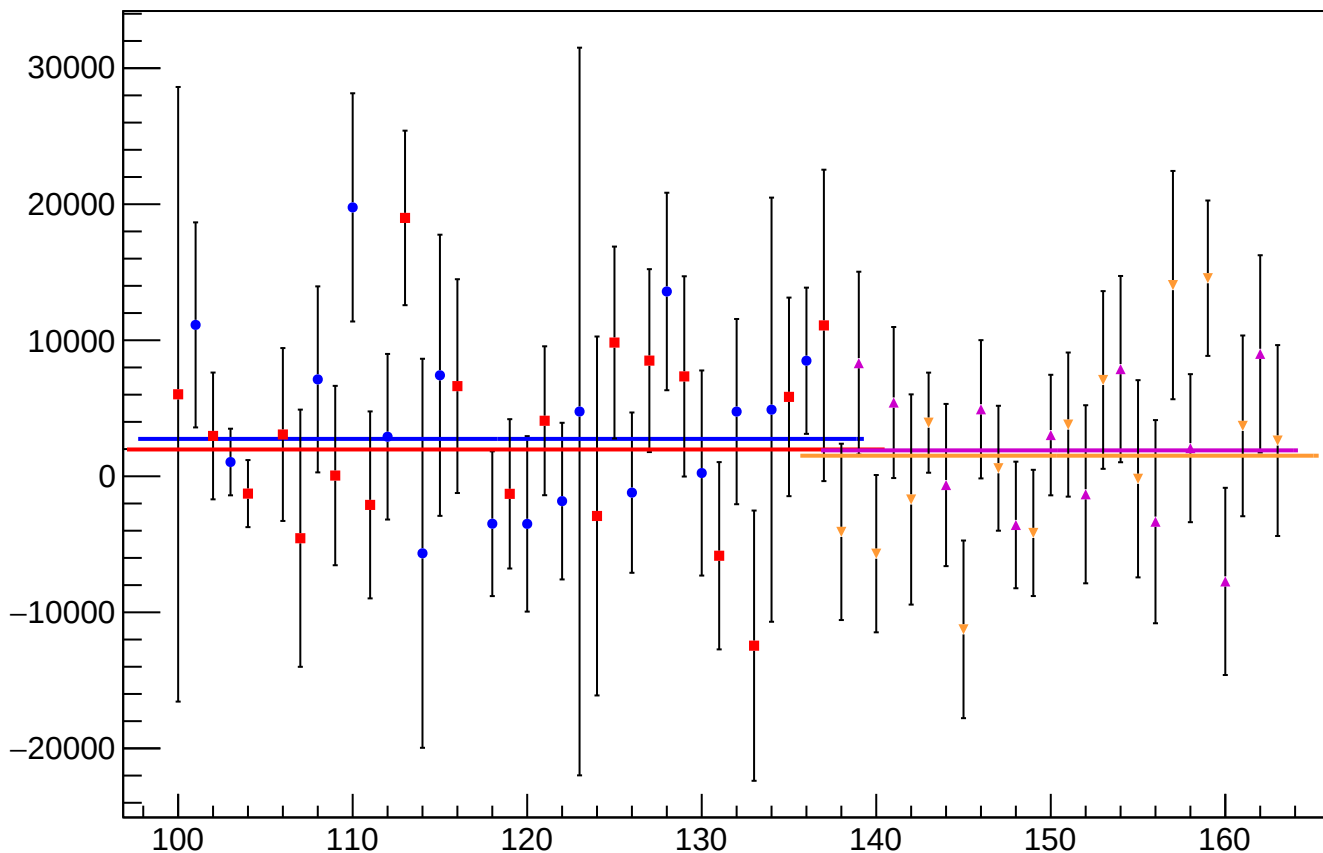
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3561.943+/-0.686 χ^2/NDF : 5933106.9/28

Out: 3278.304+/-0.618 χ^2/NDF : 7128450.6/32

All: 3405.438+/-0.459 χ^2/NDF : 13155969.6/60

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280 $\pm$ 1446.638 χ^2 /NDF: 13.8/16

Left Out: 1513.467 $\pm$ 1529.205 χ^2 /NDF: 16.8/13

Right Out: 1971.156 $\pm$ 1381.709 χ^2 /NDF: 17.8/18

Left In: 1906.298 $\pm$ 1678.127 χ^2 /NDF: 7.7/11

Left: 1691.682 $\pm$ 1130.301 χ^2 /NDF: 24.6/25

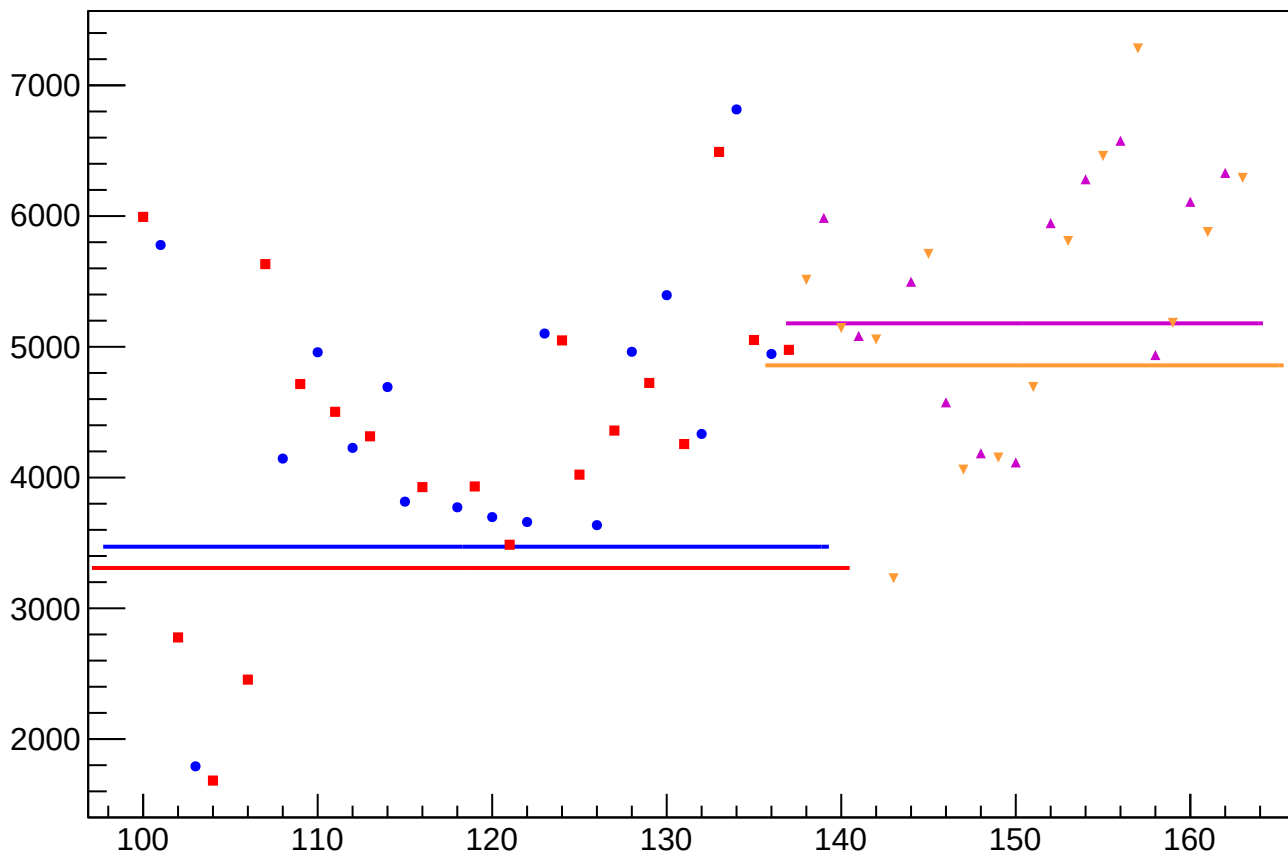
Right: 2341.887 $\pm$ 999.181 χ^2 /NDF: 31.7/35

In: 2389.324 $\pm$ 1095.706 χ^2 /NDF: 21.6/28

Out: 1765.443 $\pm$ 1025.206 χ^2 /NDF: 34.7/32

All: 2056.668 $\pm$ 748.613 χ^2 /NDF: 56.5/61

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: 4858.158+/-1.081 χ^2/NDF : 1005160.0/13

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

Left In: 5179.477+/-1.187 χ^2/NDF : 509920.9/11

Left: 5003.930+/-0.799 χ^2/NDF : 1555140.9/25

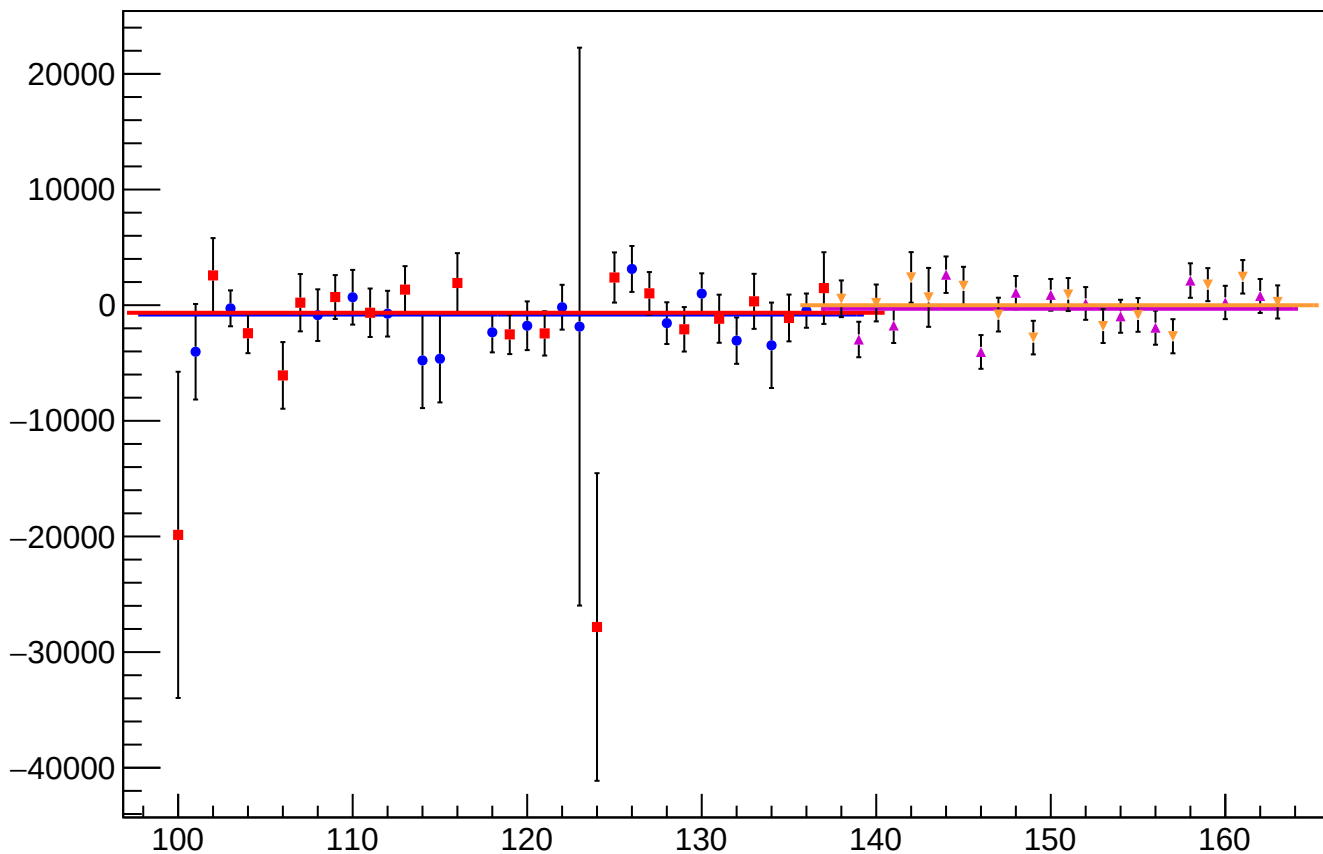
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4199.430+/-0.775 χ^2/NDF : 3466856.3/28

Out: 3998.006+/-0.721 χ^2/NDF : 4059515.1/32

All: 4091.523+/-0.528 χ^2/NDF : 7562580.4/63

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 $\pm$ 518.190 χ^2 /NDF: 11.2/16

Left Out: -5.725 $\pm$ 415.064 χ^2 /NDF:16.5/13

Right Out: -656.248 $\pm$ 514.588 χ^2 /NDF: 20.4/18

Left In: -308.533 $\pm$ 422.899 χ^2 /NDF:20.6/11

Left: -154.298 $\pm$ 296.226 χ^2 /NDF: 37.4/25

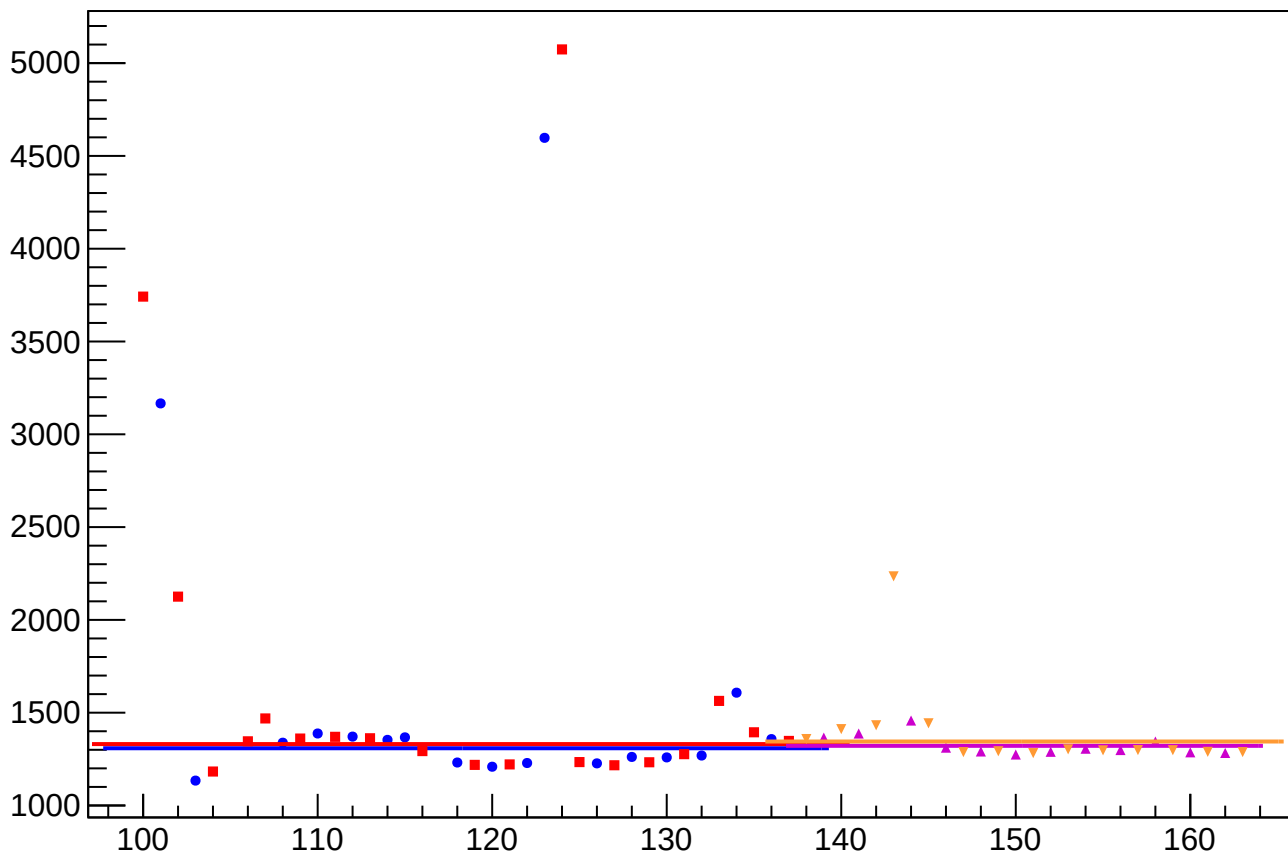
Right: -732.099 $\pm$ 365.136 χ^2 /NDF: 31.6/35

In: -508.612 $\pm$ 327.639 χ^2 /NDF:32.3/28

Out: -262.134 $\pm$ 323.069 χ^2 /NDF:37.9/32

All: -383.642 $\pm$ 230.043 χ^2 /NDF: 70.5/61

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1344.749+/-0.293 χ^2/NDF : 281484.9/13

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

Left In: 1321.483+/-0.299 χ^2/NDF : 28519.1/11

Left: 1333.334+/-0.209 χ^2/NDF : 313087.2/25

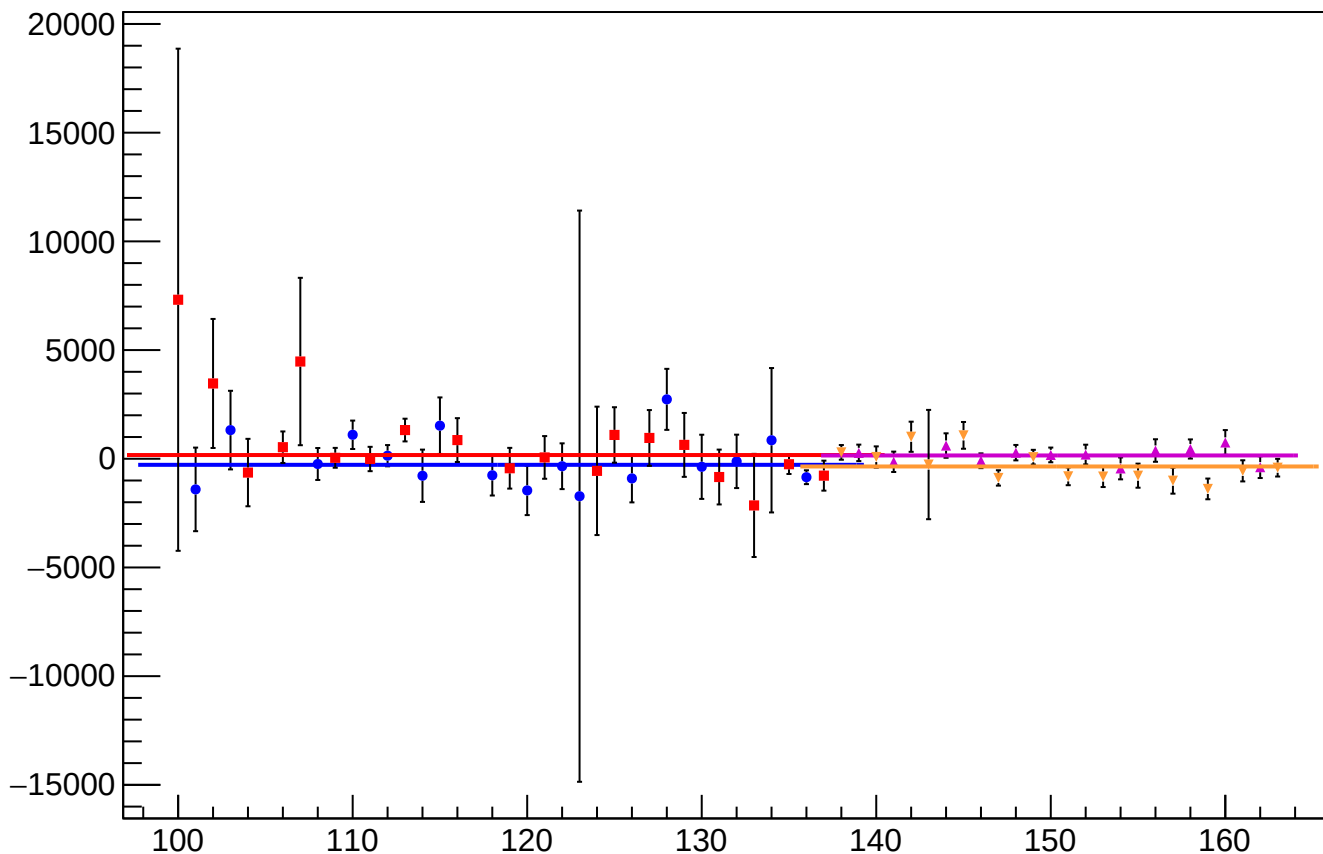
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1316.239+/-0.232 χ^2/NDF : 535833.2/28

Out: 1339.274+/-0.228 χ^2/NDF : 698213.2/32

All: 1327.919+/-0.163 χ^2/NDF : 1239058.8/63

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 $\pm$ 198.123 χ^2 /NDF: 18.0/16

Left Out: -354.507 $\pm$ 123.387 χ^2 /NDF:26.4/13

Right Out: 171.593 $\pm$ 192.461 χ^2 /NDF: 14.7/18

Left In: 152.274 $\pm$ 124.230 χ^2 /NDF:6.1/11

Left: -102.842 $\pm$ 87.545 χ^2 /NDF: 40.9/25

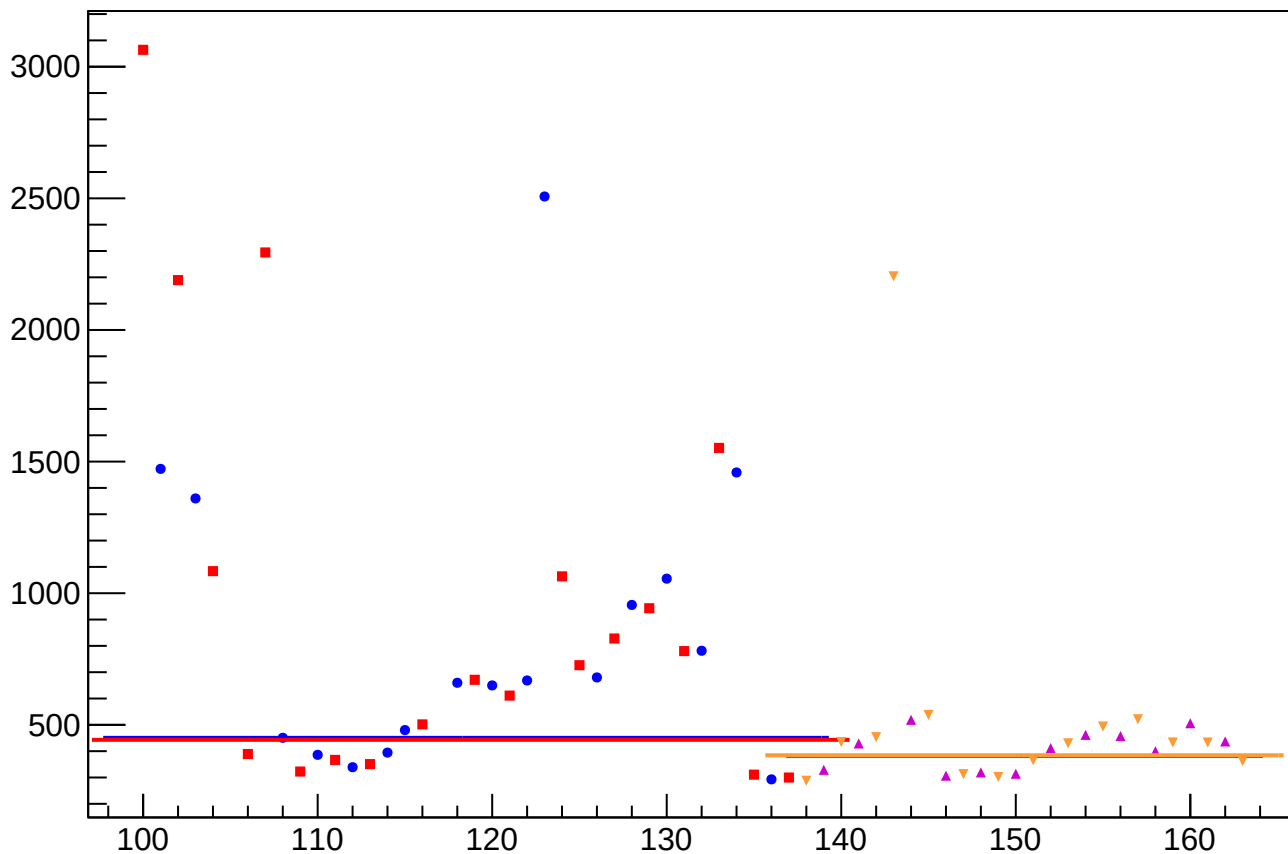
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 30.643 $\pm$ 105.251 χ^2 /NDF:27.6/28

Out: -201.260 $\pm$ 103.874 χ^2 /NDF:46.5/32

All: -86.835 $\pm$ 73.932 χ^2 /NDF: 76.5/61

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 384.445+/-0.087 χ^2/NDF : 1829292.5/13

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

Left In: 381.658+/-0.088 χ^2/NDF : 642388.2/11

Left: 383.061+/-0.062 χ^2/NDF : 2472187.7/25

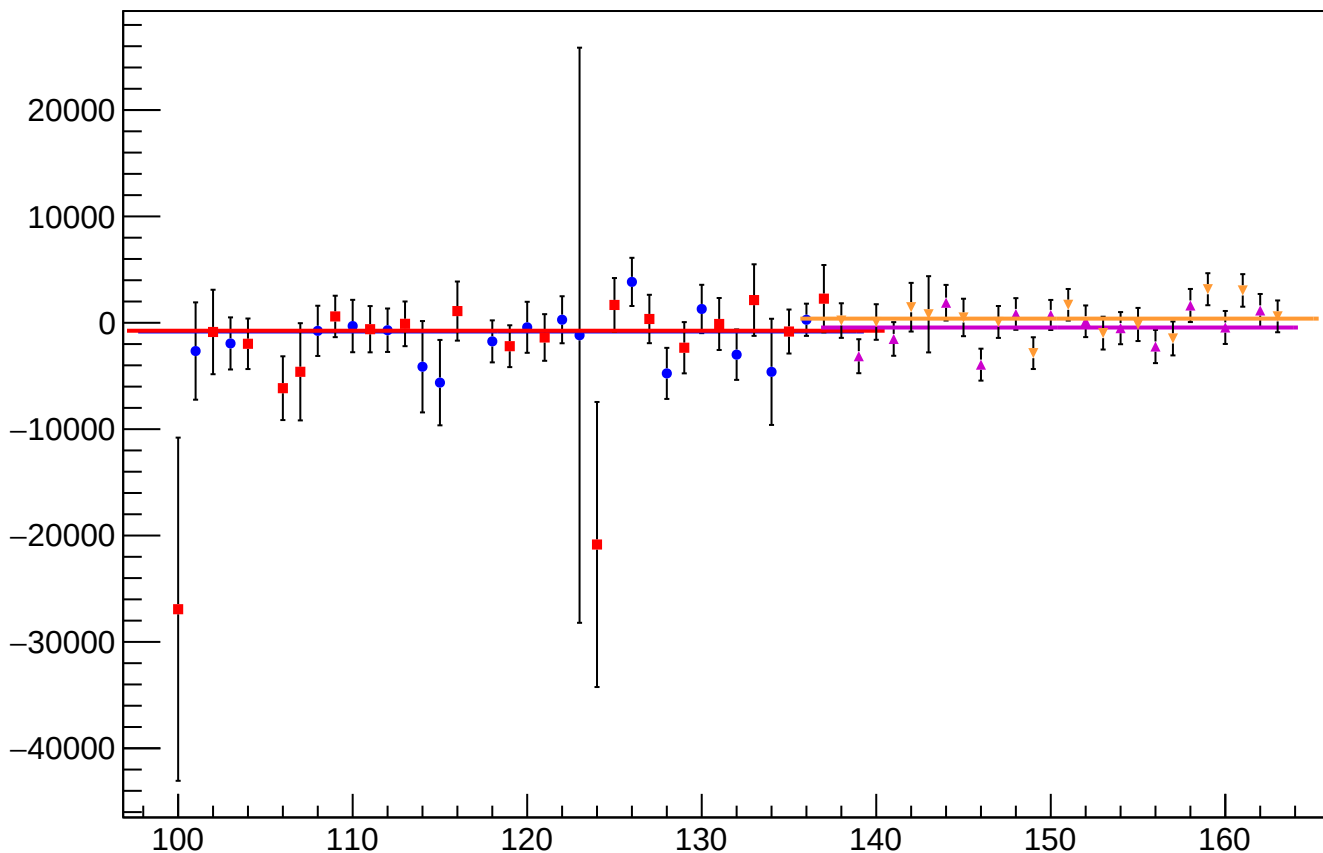
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 401.113+/-0.074 χ^2/NDF : 3813931.2/28

Out: 401.530+/-0.073 χ^2/NDF : 5432294.8/32

All: 401.324+/-0.052 χ^2/NDF : 9246241.9/61

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: 391.678+/-437.905 χ^2/NDF :14.5/13

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

Left In: -445.105+/-443.236 χ^2/NDF :16.4/11

Left: -21.651+/-311.513 χ^2/NDF : 32.7/25

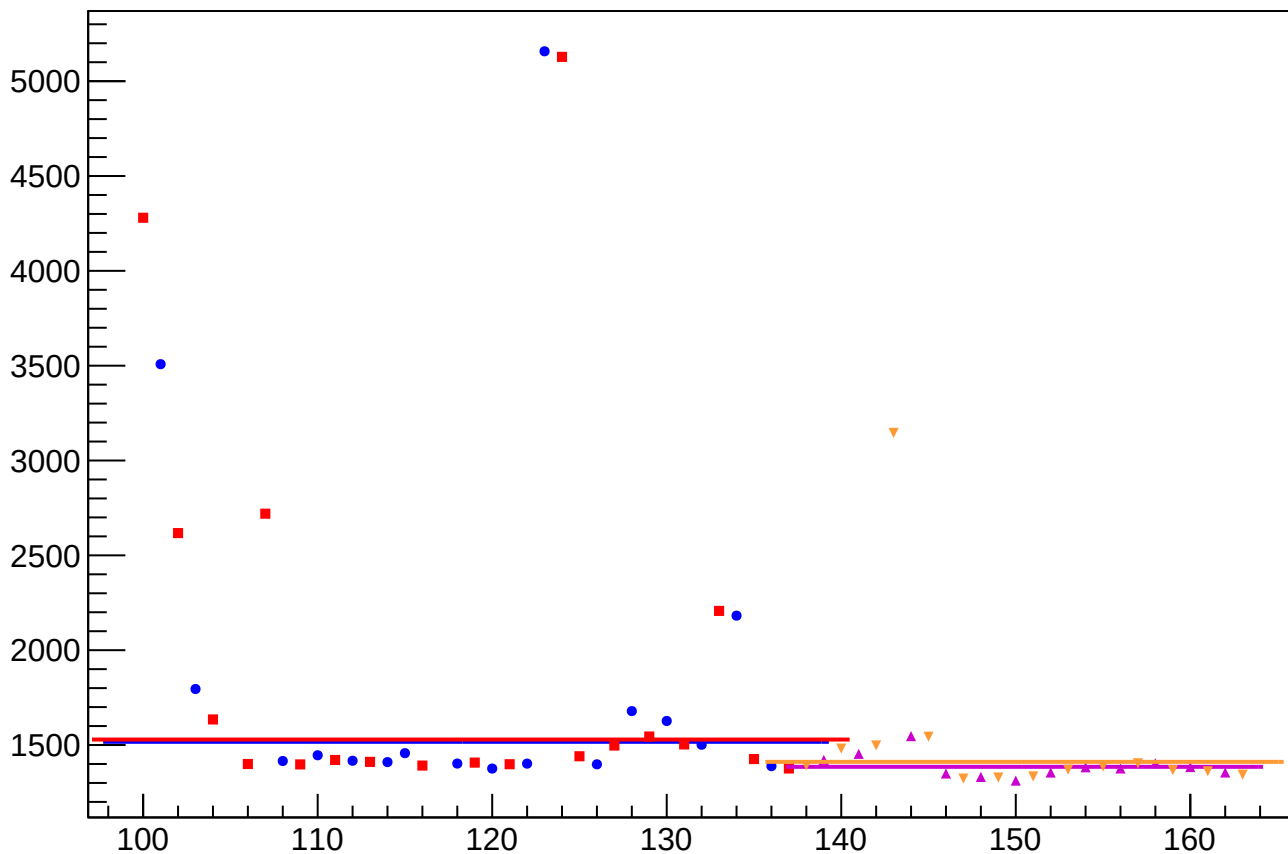
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -576.117+/-356.749 χ^2/NDF :29.3/28

Out: -7.597+/-352.821 χ^2/NDF :30.9/32

All: -288.710+/-250.860 χ^2/NDF : 61.5/61

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: 1411.180+/-0.310 χ^2/NDF : 514681.9/13

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

Left In: 1385.015+/-0.313 χ^2/NDF : 34372.4/11

Left: 1398.256+/-0.220 χ^2/NDF : 552581.1/25

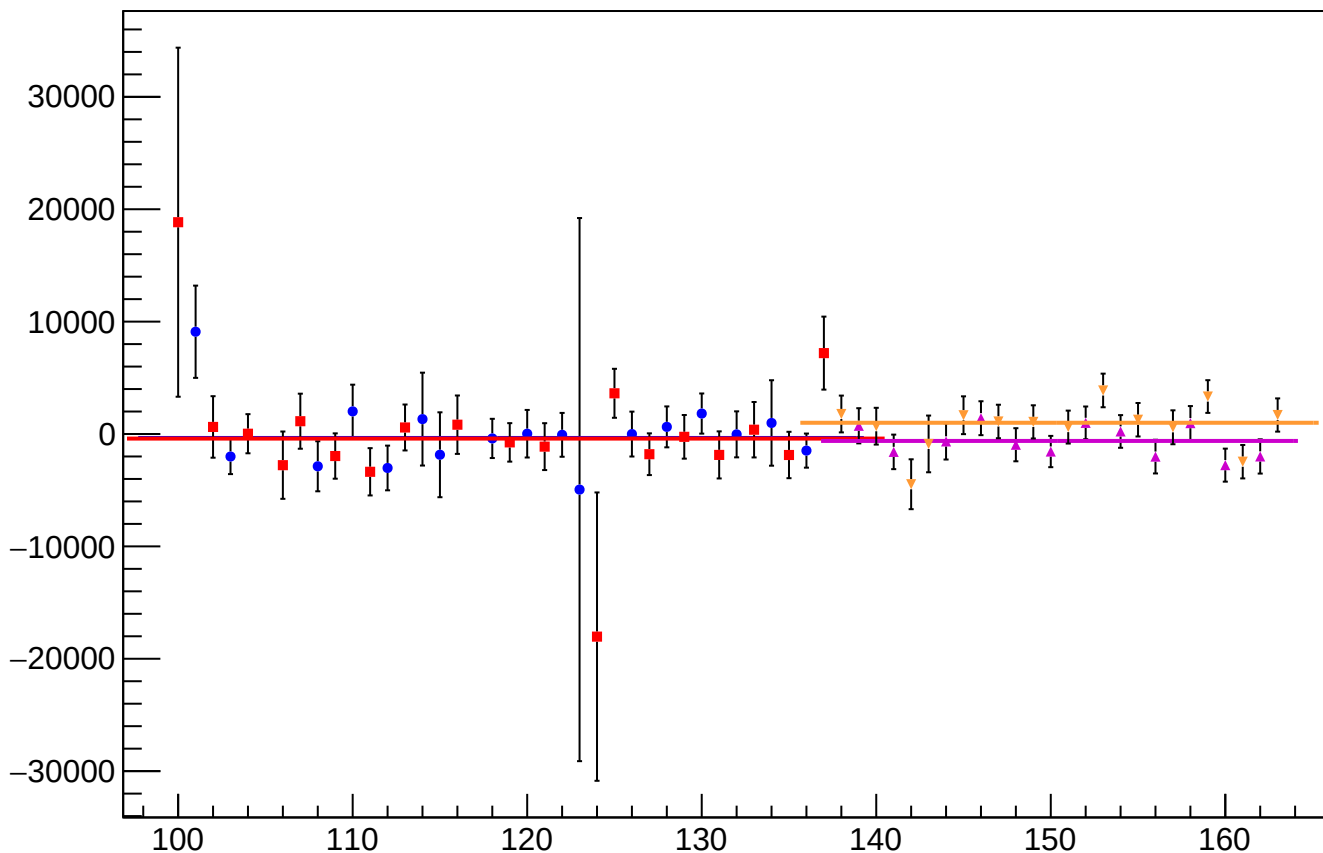
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1431.475+/-0.252 χ^2/NDF : 637806.2/28

Out: 1452.466+/-0.249 χ^2/NDF : 1195535.0/32

All: 1442.086+/-0.177 χ^2/NDF : 1836841.8/63

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 999.982+/-424.322 χ^2 /NDF:19.1/13

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

Left In: -617.047+/-432.314 χ^2 /NDF:9.9/11

Left: 206.553+/-302.827 χ^2 /NDF: 36.2/25

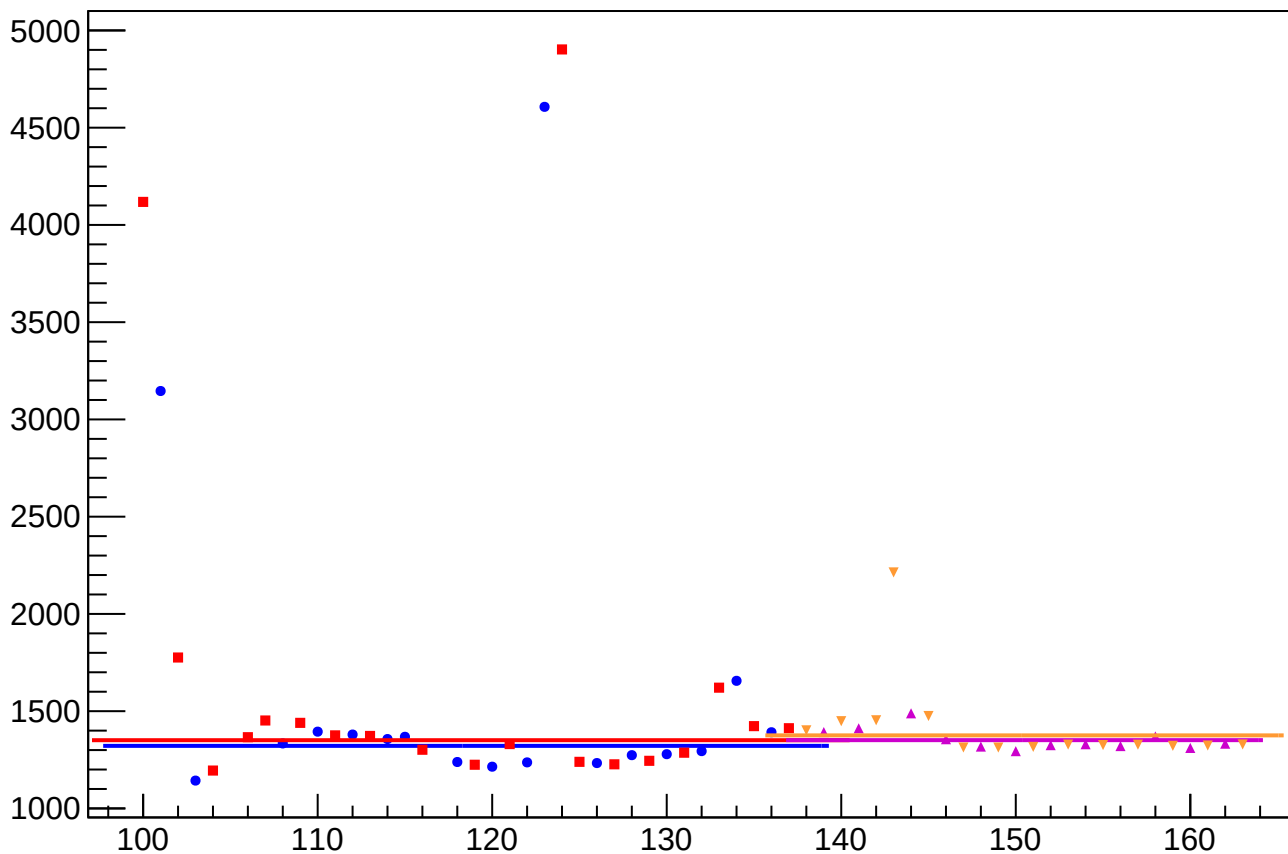
Right: -380.326+/-369.594 χ^2 /NDF: 31.8/35

In: -509.997+/-333.297 χ^2 /NDF:23.5/28

Out: 440.093+/-329.273 χ^2 /NDF:41.9/32

All: -29.182+/-234.241 χ^2 /NDF: 69.5/61

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2 /NDF: 502245.7/16

Left Out: 1375.594 $\pm$ 0.300 χ^2 /NDF: 258133.4/13

Right Out: 1350.773 $\pm$ 0.369 χ^2 /NDF: 349883.8/18

Left In: 1351.030 $\pm$ 0.306 χ^2 /NDF: 27486.3/11

Left: 1363.541 $\pm$ 0.214 χ^2 /NDF: 288908.5/25

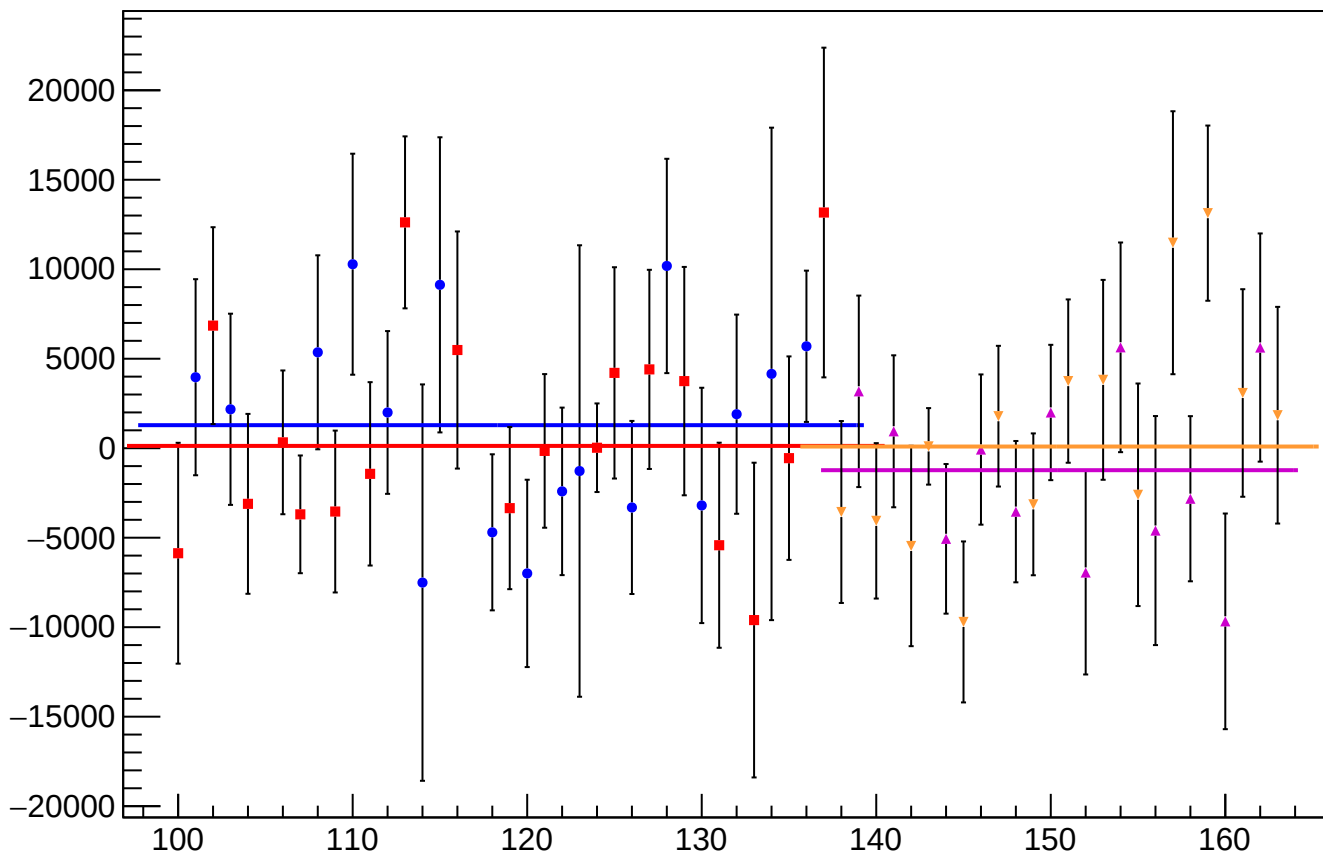
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1339.134 $\pm$ 0.236 χ^2 /NDF: 533465.3/28

Out: 1365.713 $\pm$ 0.233 χ^2 /NDF: 610741.6/32

All: 1352.588 $\pm$ 0.166 χ^2 /NDF: 1150644.9/63

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: 93.940+/-1159.695 χ^2/NDF : 19.1/13

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

Left In: -1227.827+/-1384.070 χ^2/NDF : 8.8/11

Left: -451.256+/-888.908 χ^2/NDF : 28.5/25

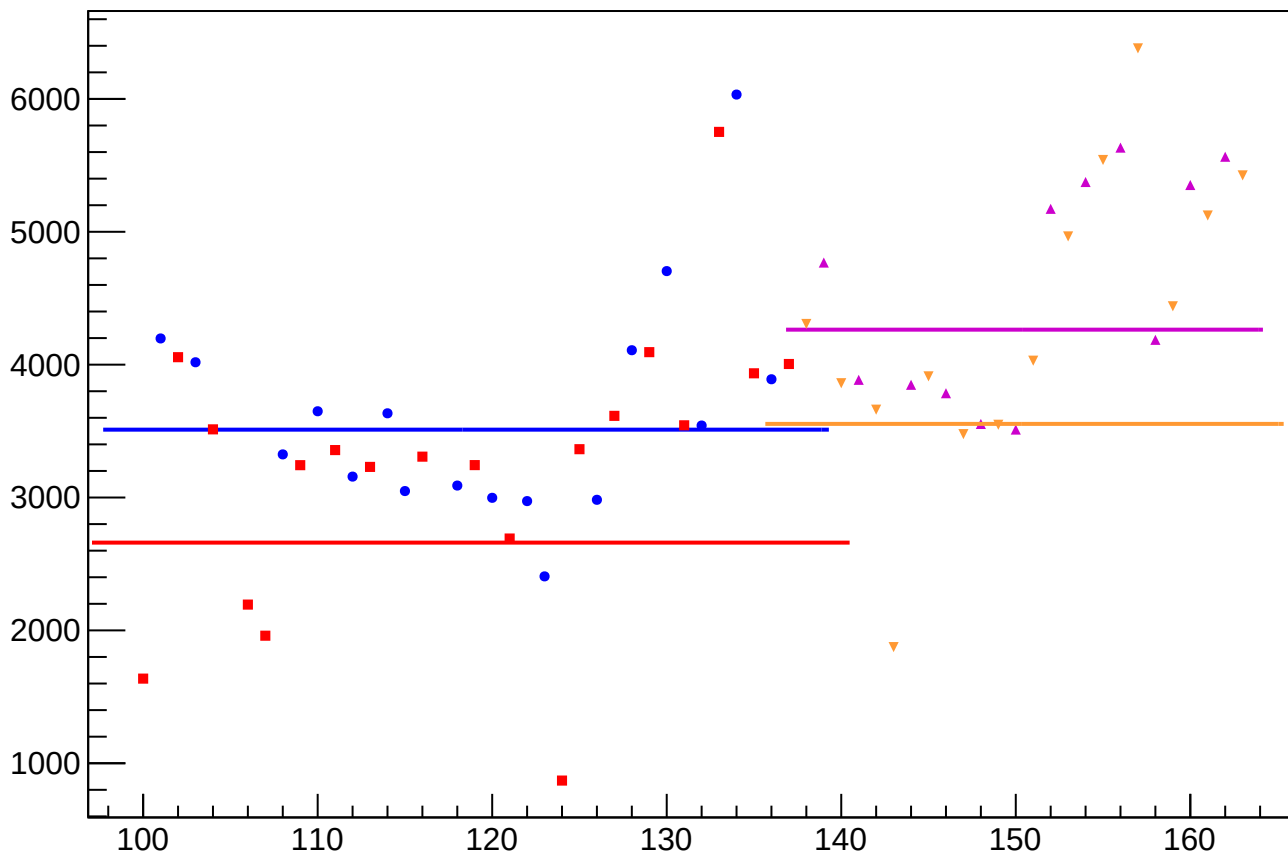
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 37.323+/-975.767 χ^2/NDF : 24.8/28

Out: 112.569+/-793.564 χ^2/NDF : 37.7/32

All: 82.613+/-615.664 χ^2/NDF : 62.5/61

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3554.148+/-0.820 χ^2/NDF : 2355303.8/13

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

Left In: 4263.399+/-0.979 χ^2/NDF : 586906.1/11

Left: 3846.697+/-0.629 χ^2/NDF : 3250769.9/25

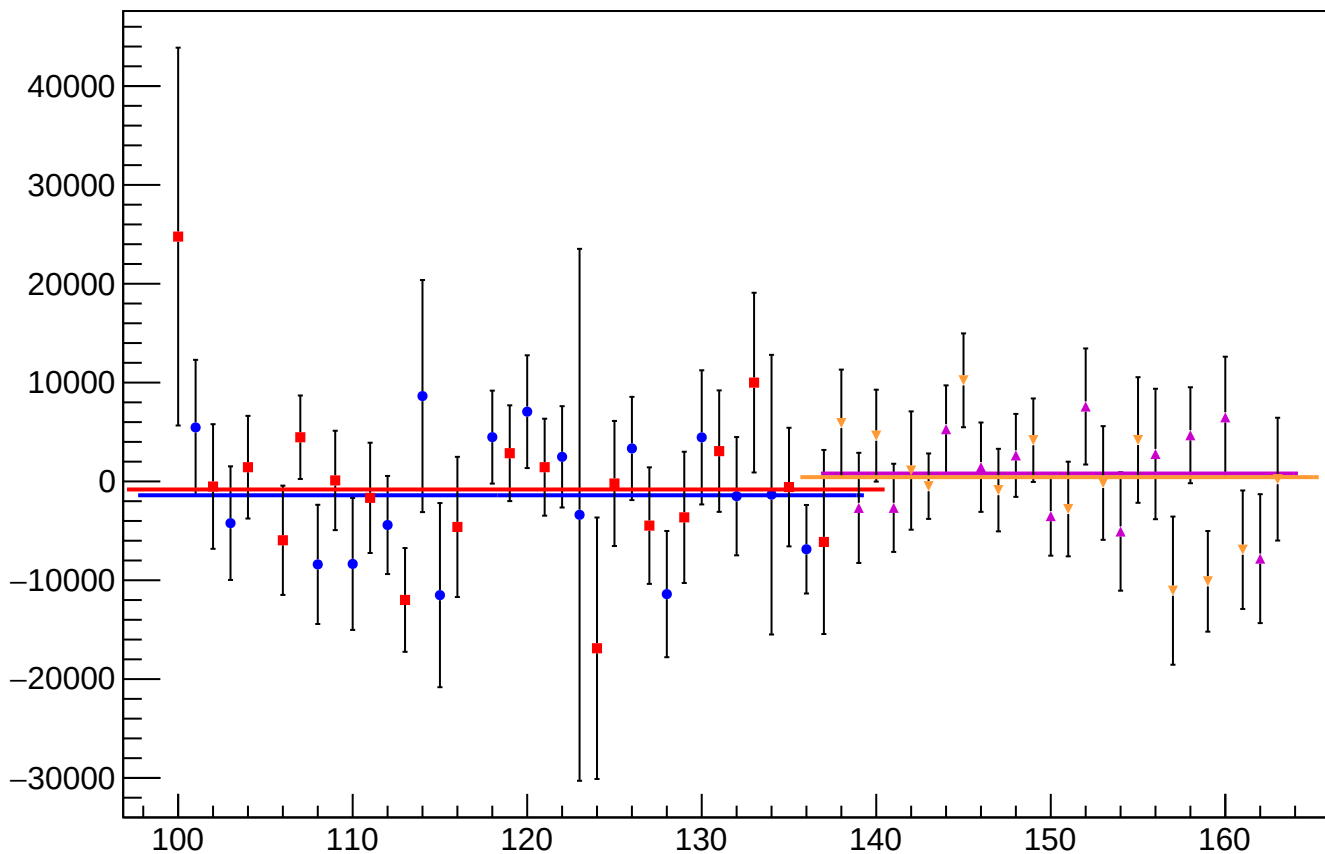
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3884.858+/-0.690 χ^2/NDF : 1228394.9/28

Out: 3079.022+/-0.561 χ^2/NDF : 5169285.3/32

All: 3399.827+/-0.435 χ^2/NDF : 7218700.9/61

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: 432.183 $\pm$ 1329.066 χ^2 /NDF:16.0/13

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

Left In: 798.896 $\pm$ 1452.706 χ^2 /NDF:9.0/11

Left: 599.272 $\pm$ 980.594 χ^2 /NDF: 25.1/25

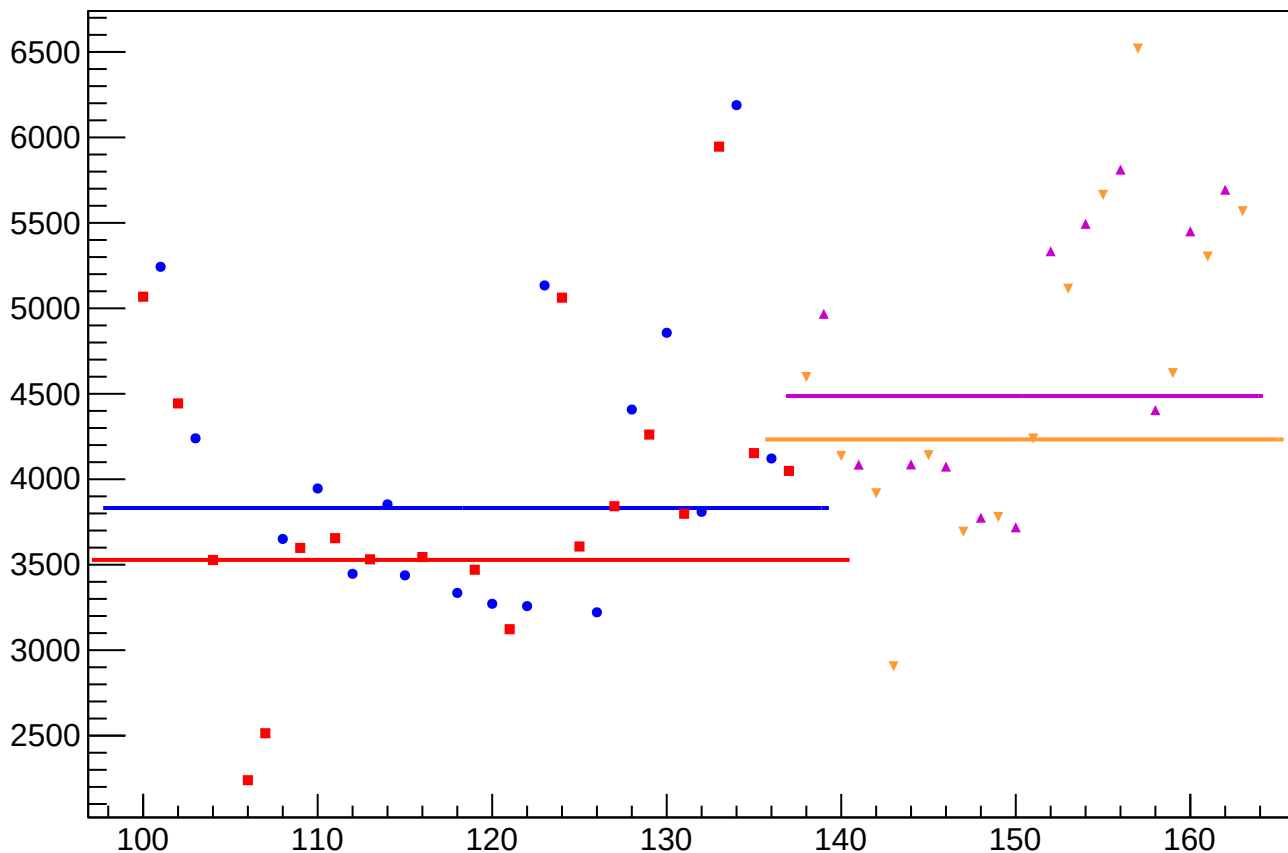
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -263.003 $\pm$ 1044.932 χ^2 /NDF:25.9/28

Out: -167.925 $\pm$ 956.993 χ^2 /NDF:30.7/32

All: -211.295 $\pm$ 705.741 χ^2 /NDF: 56.6/61

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4233.051+/-0.940 χ^2/NDF : 896513.8/13

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

Left In: 4487.131+/-1.027 χ^2/NDF : 492473.6/11

Left: 4348.820+/-0.693 χ^2/NDF : 1422291.8/25

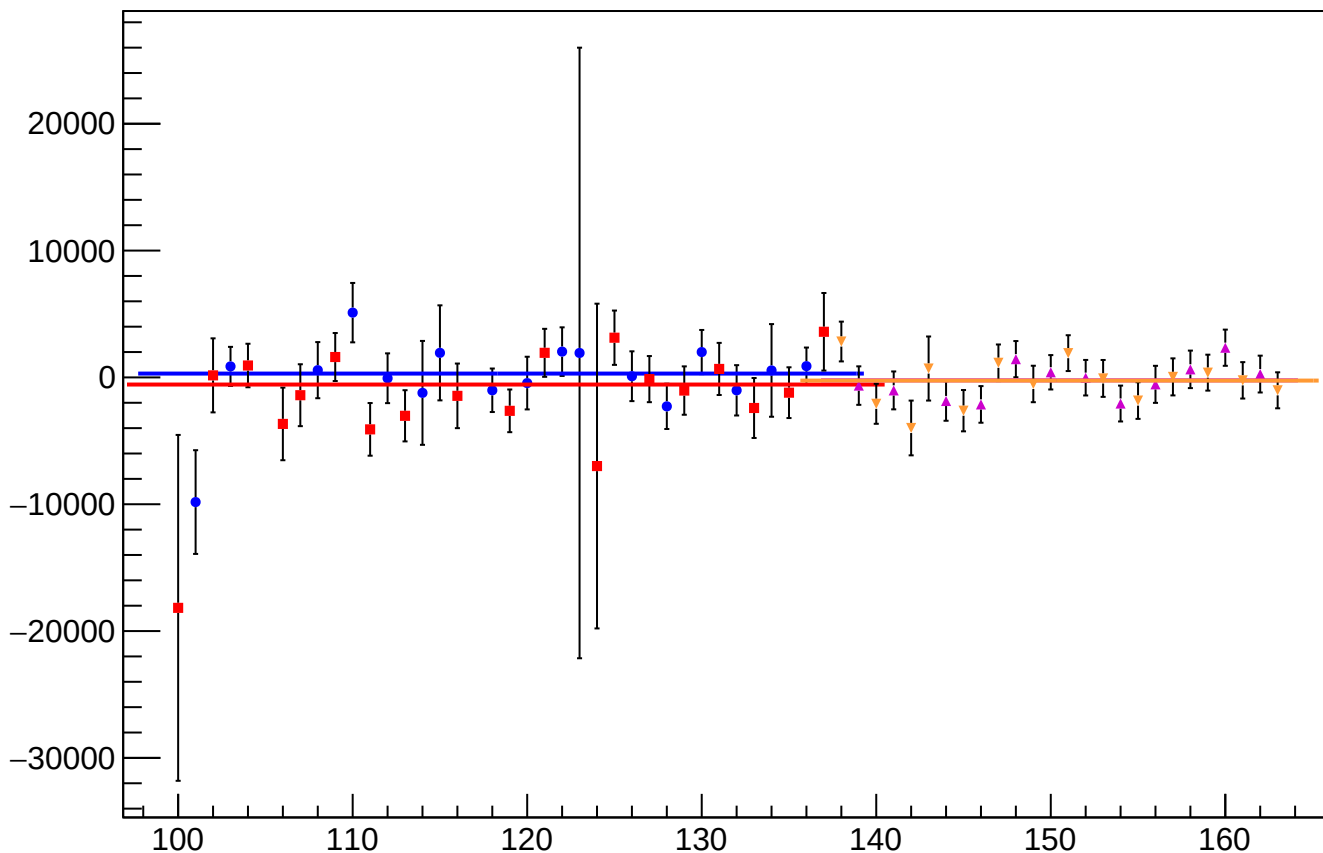
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4170.864+/-0.739 χ^2/NDF : 1026596.9/28

Out: 3890.381+/-0.674 χ^2/NDF : 1727215.6/32

All: 4017.712+/-0.498 χ^2/NDF : 2832497.7/63

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: -250.042 $\pm$ 410.855 χ^2 /NDF:15.5/13

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

Left In: -233.109 $\pm$ 418.478 χ^2 /NDF:10.2/11

Left: -241.731 $\pm$ 293.177 χ^2 /NDF: 25.7/25

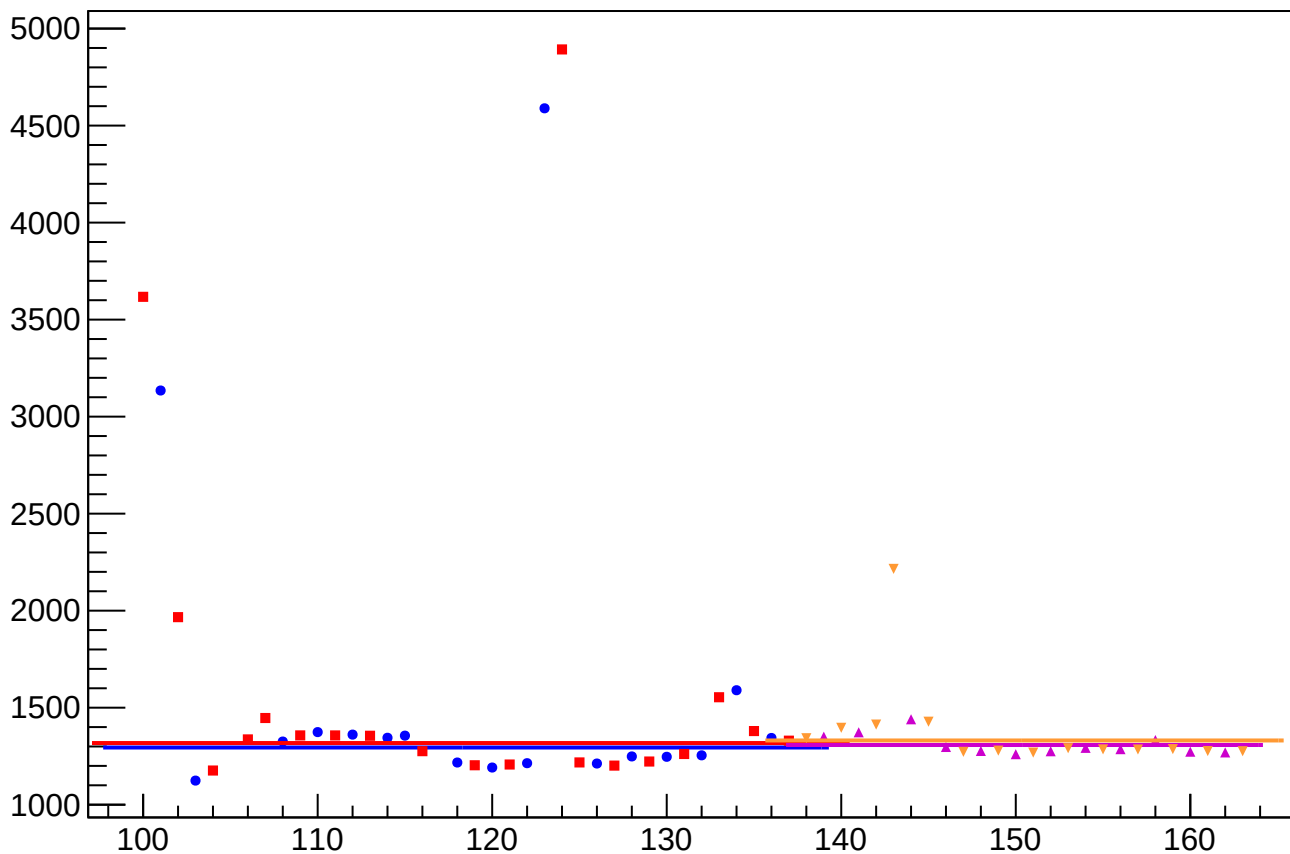
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -19.231 $\pm$ 324.229 χ^2 /NDF:26.9/28

Out: -373.399 $\pm$ 319.535 χ^2 /NDF:34.9/32

All: -198.897 $\pm$ 227.587 χ^2 /NDF: 62.4/61

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: 1331.020 $\pm$ 0.291 χ^2 /NDF: 281905.5/13

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

Left In: 1307.650 $\pm$ 0.296 χ^2 /NDF: 28209.0/11

Left: 1319.550 $\pm$ 0.207 χ^2 /NDF: 313290.5/25

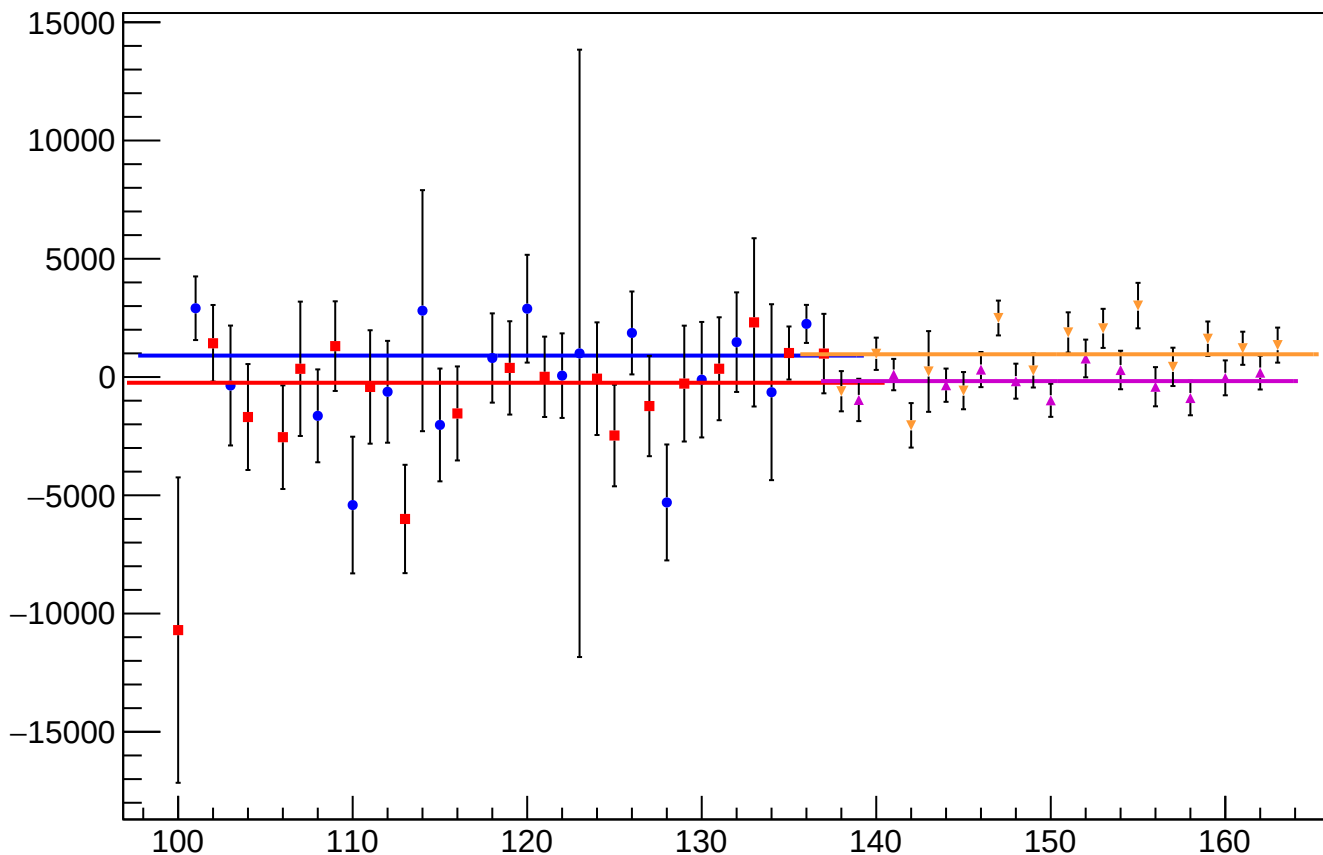
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1302.485 $\pm$ 0.229 χ^2 /NDF: 536775.0/28

Out: 1325.792 $\pm$ 0.226 χ^2 /NDF: 673532.5/32

All: 1314.309 $\pm$ 0.161 χ^2 /NDF: 1215550.0/61

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: 962.297 $\pm$ 215.194 χ^2 /NDF:32.0/13

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -171.941 $\pm$ 215.954 χ^2 /NDF:5.9/11

Left: 397.179 $\pm$ 152.433 χ^2 /NDF: 51.7/25

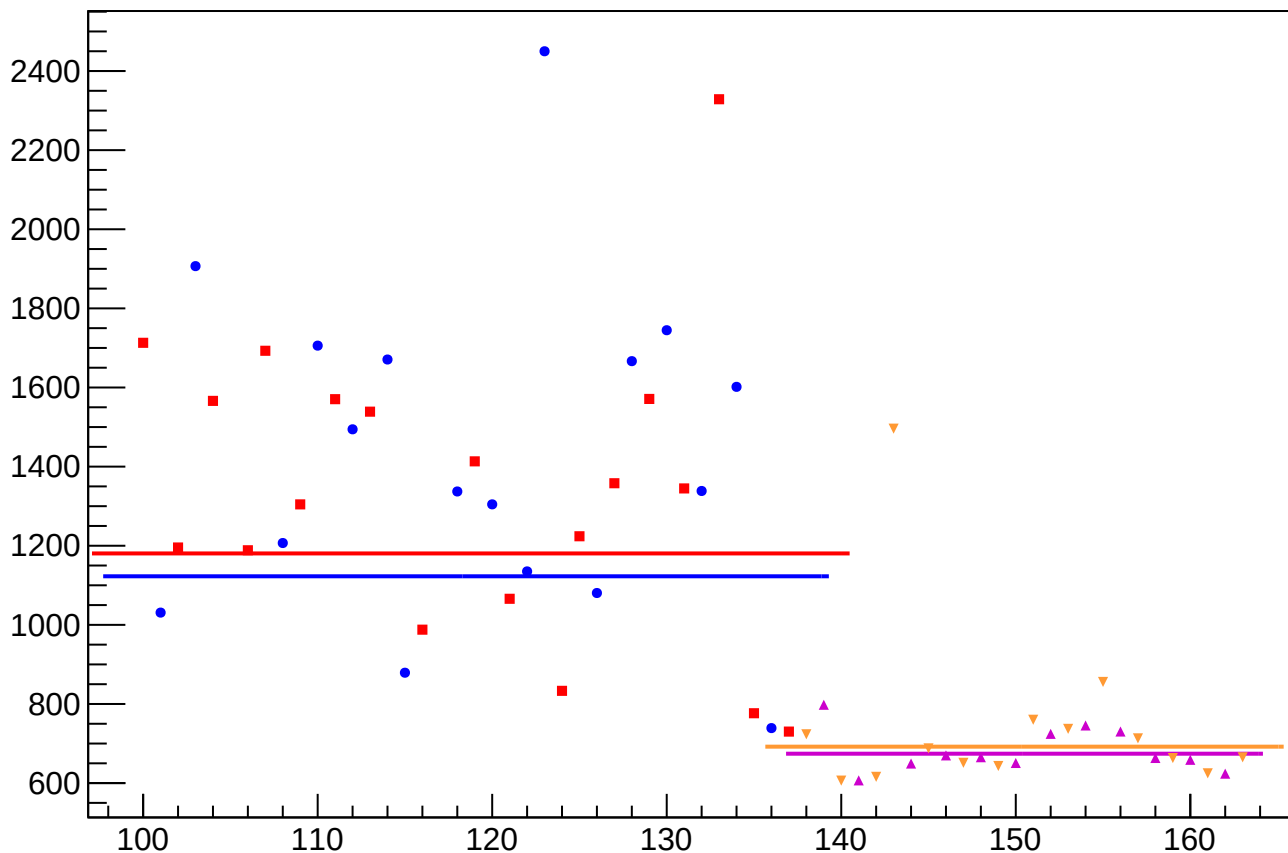
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 25.772 $\pm$ 195.161 χ^2 /NDF:32.4/28

Out: 748.561 $\pm$ 195.171 χ^2 /NDF:54.0/32

All: 387.148 $\pm$ 138.003 χ^2 /NDF: 93.3/61

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2 /NDF: 1187996.4/16

Left Out: 692.107 $\pm$ 0.152 χ^2 /NDF: 608818.0/13

Right Out: 1180.554 $\pm$ 0.328 χ^2 /NDF: 1035382.2/18

Left In: 674.306 $\pm$ 0.153 χ^2 /NDF: 107788.5/11

Left: 683.238 $\pm$ 0.108 χ^2 /NDF: 723425.2/25

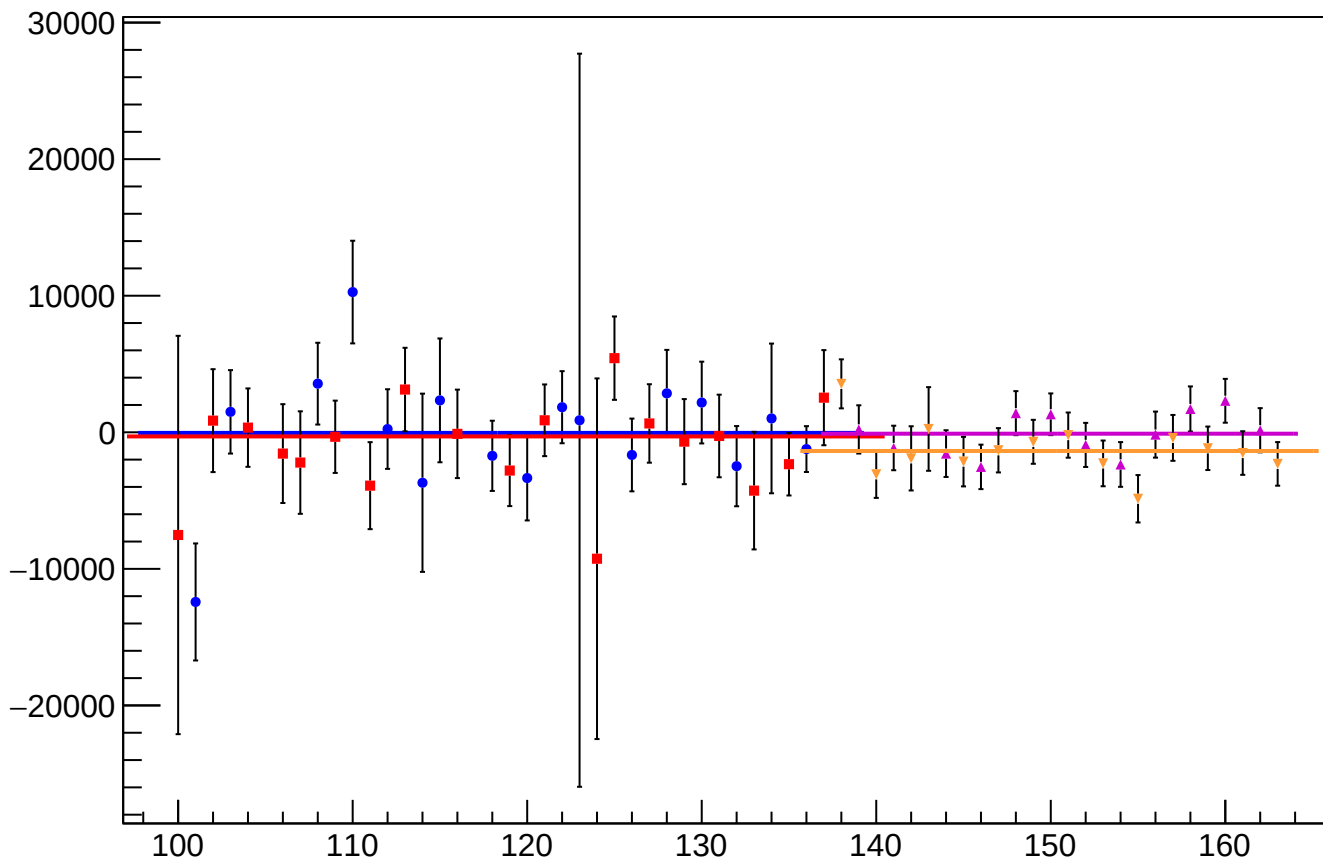
Right: 1151.192 $\pm$ 0.230 χ^2 /NDF: 2239183.7/35

In: 756.510 $\pm$ 0.138 χ^2 /NDF: 2876777.3/28

Out: 778.773 $\pm$ 0.138 χ^2 /NDF: 3472461.4/32

All: 767.641 $\pm$ 0.098 χ^2 /NDF: 6362251.9/61

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -1369.689+/-466.615 χ^2/NDF :14.7/13

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

Left In: -103.231+/-472.678 χ^2/NDF :10.8/11

Left: -744.633+/-332.069 χ^2/NDF : 29.1/25

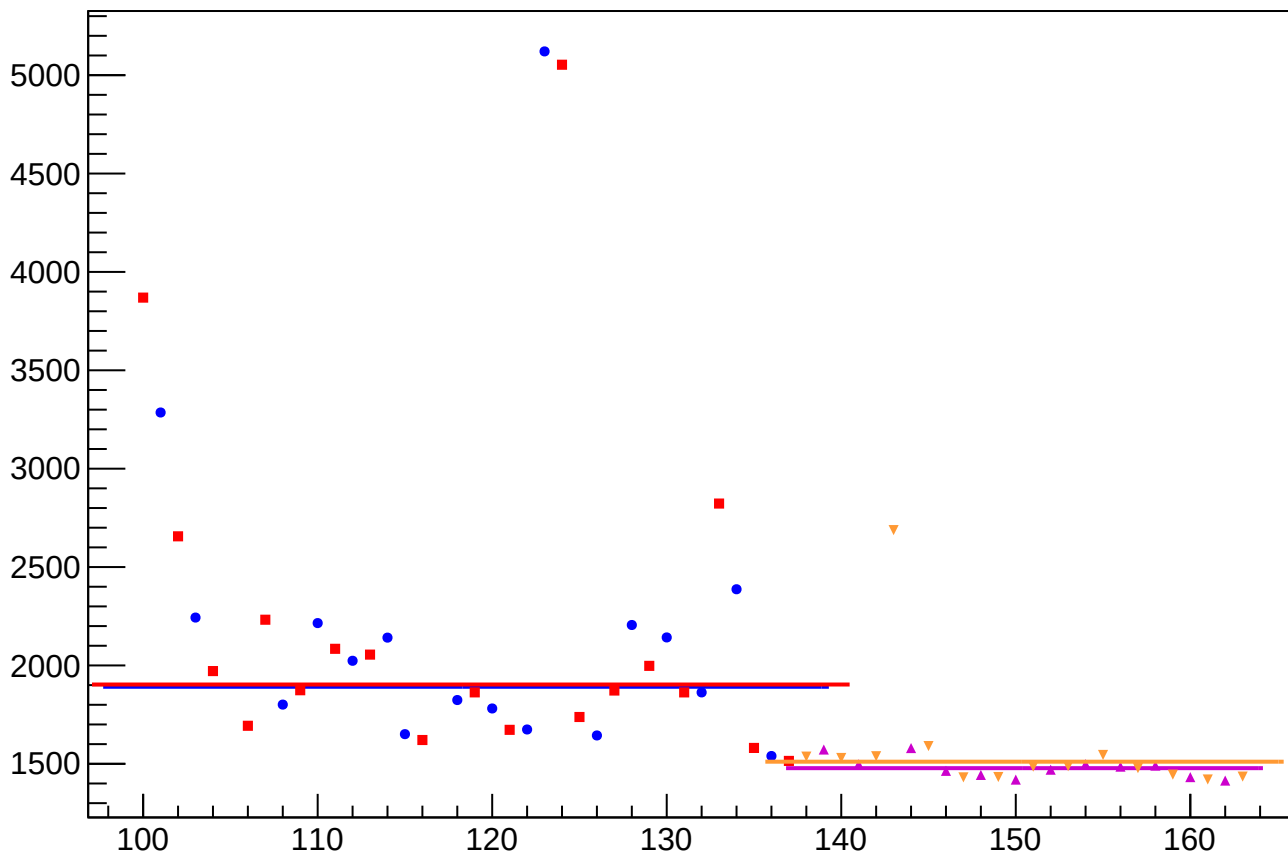
Right: -176.341+/-523.921 χ^2/NDF : 34.1/35

In: -86.420+/-399.519 χ^2/NDF :34.0/28

Out: -1063.157+/-393.851 χ^2/NDF :27.1/32

All: -581.765+/-280.477 χ^2/NDF : 64.1/61

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: 1510.766 $\pm$ 0.330 χ^2 /NDF: 326398.7/13

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1477.867 $\pm$ 0.334 χ^2 /NDF: 22304.0/11

Left: 1494.529 $\pm$ 0.235 χ^2 /NDF: 353609.5/25

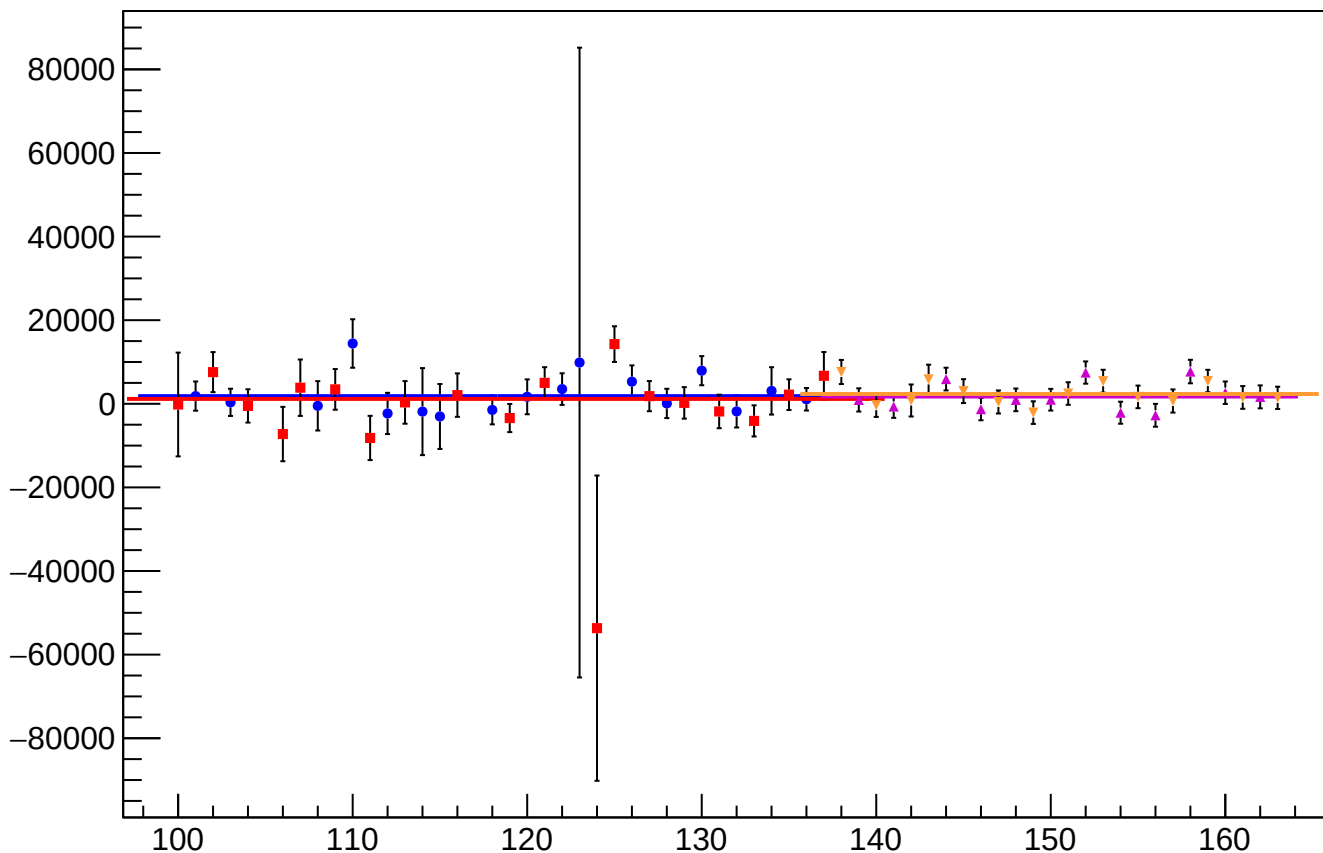
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1596.048 $\pm$ 0.283 χ^2 /NDF: 929152.0/28

Out: 1623.563 $\pm$ 0.278 χ^2 /NDF: 1192956.1/32

All: 1610.002 $\pm$ 0.198 χ^2 /NDF: 2126919.0/63

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2347.123 $\pm$ 757.824 χ^2 /NDF:11.9/13

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1745.567 $\pm$ 779.603 χ^2 /NDF:18.8/11

Left: 2054.865 $\pm$ 543.399 χ^2 /NDF: 31.0/25

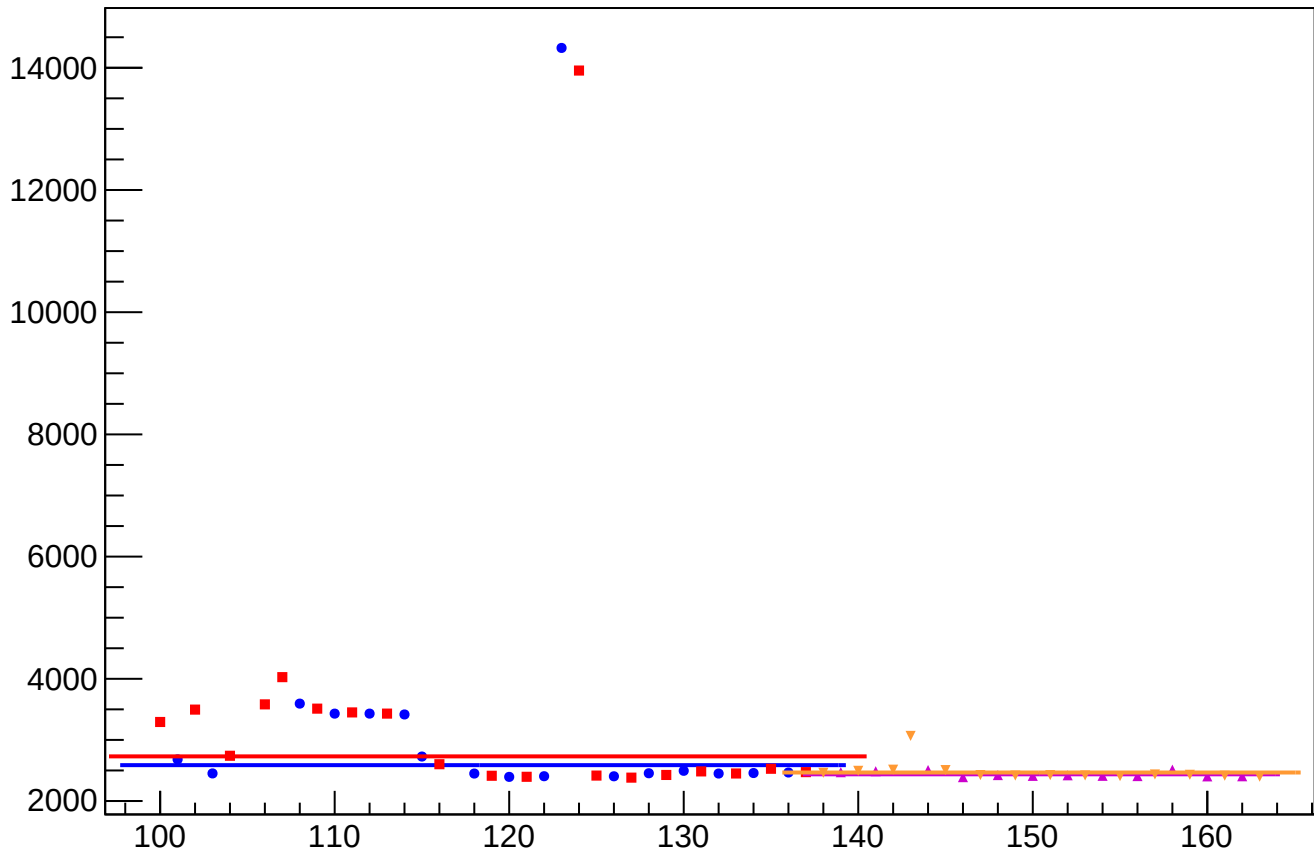
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1775.234 $\pm$ 617.178 χ^2 /NDF:31.4/28

Out: 1943.146 $\pm$ 613.727 χ^2 /NDF:38.2/32

All: 1859.661 $\pm$ 435.185 χ^2 /NDF: 69.6/61

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2466.591+/-0.536 χ^2/NDF : 64751.8/13

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

Left In: 2437.021+/-0.551 χ^2/NDF : 5714.7/11

Left: 2452.225+/-0.384 χ^2/NDF : 71945.9/25

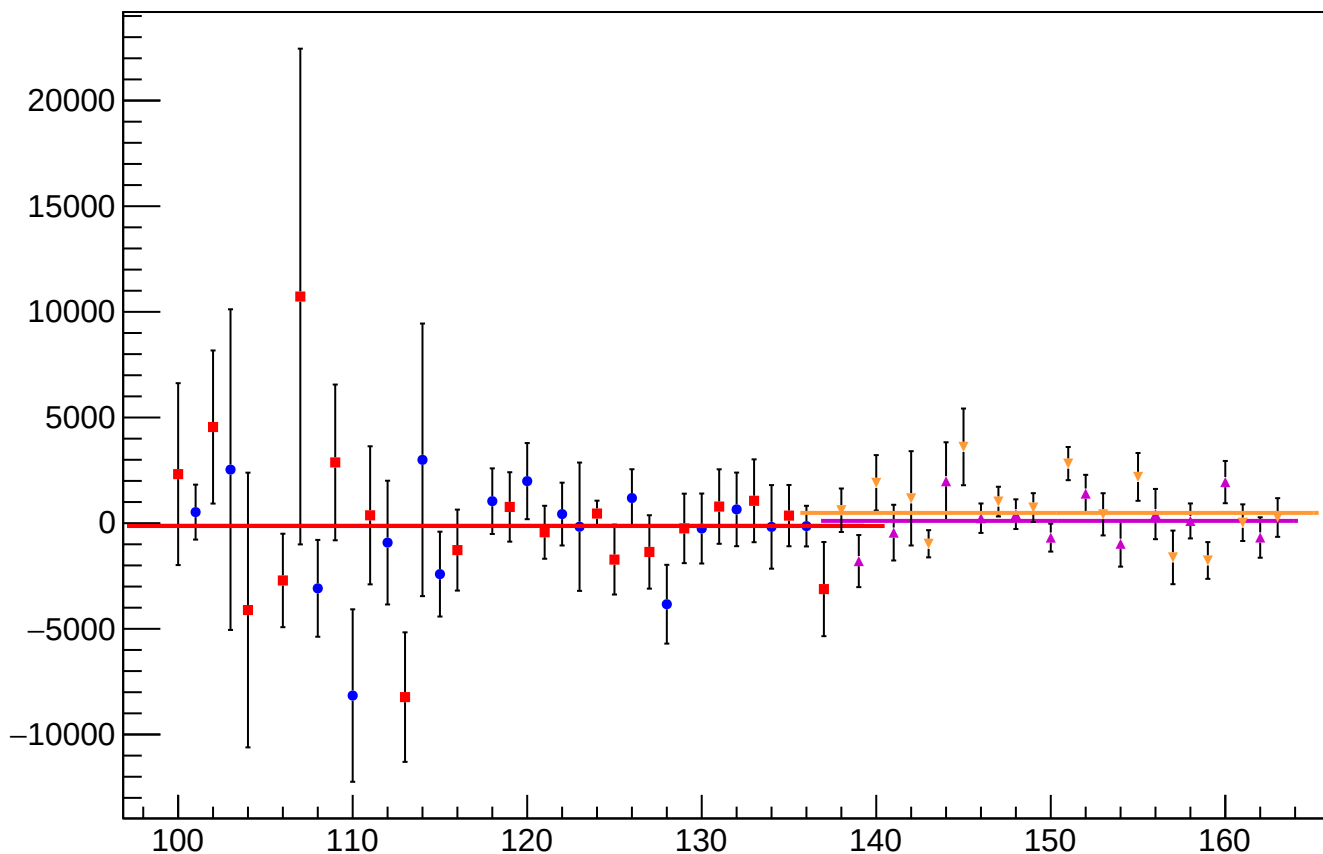
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2492.997+/-0.436 χ^2/NDF : 287449.3/28

Out: 2557.406+/-0.434 χ^2/NDF : 733205.1/32

All: 2525.382+/-0.308 χ^2/NDF : 1031606.8/63

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 487.031 ± 246.282 χ^2/NDF : 31.0/13

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

Left In: 108.203 ± 264.611 χ^2/NDF : 12.5/11

Left: 311.191 ± 180.279 χ^2/NDF : 44.6/25

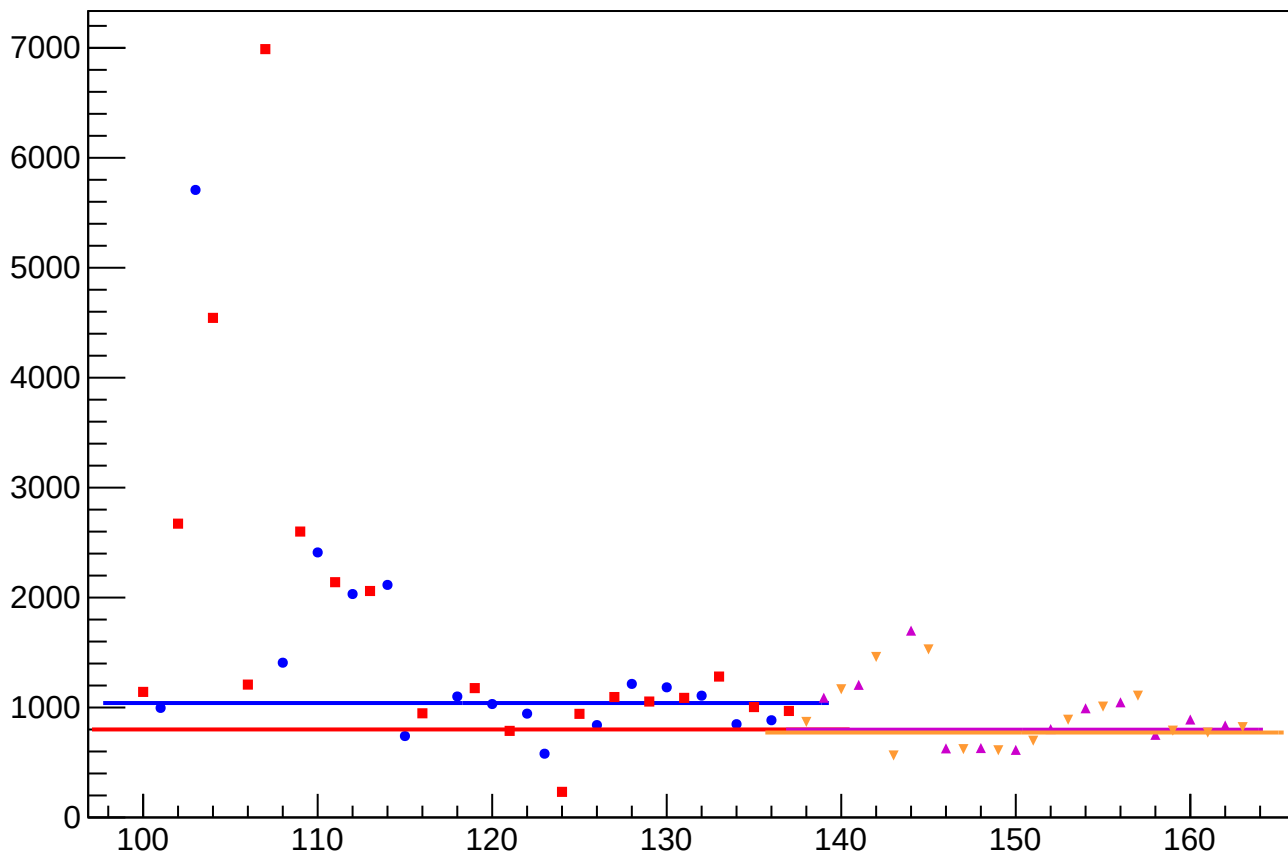
Right: -130.591 ± 284.729 χ^2/NDF : 32.6/35

In: 44.457 ± 225.469 χ^2/NDF : 27.4/28

Out: 302.552 ± 206.581 χ^2/NDF : 50.8/32

All: 184.766 ± 152.315 χ^2/NDF : 78.9/61

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 772.520+/-0.174 χ^2/NDF : 1426819.4/13

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 798.305+/-0.187 χ^2/NDF : 1345278.0/11

Left: 784.489+/-0.127 χ^2/NDF : 2782273.0/25

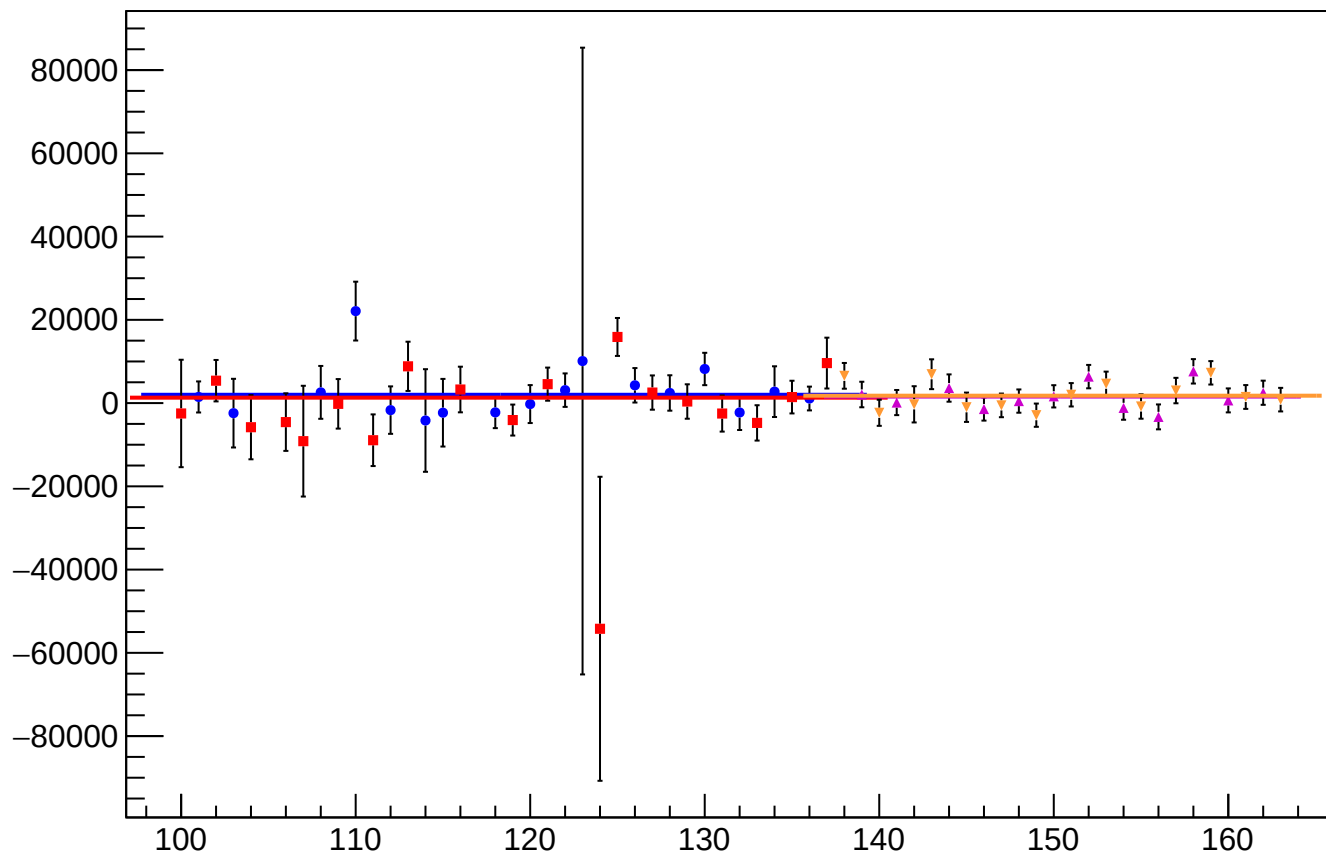
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 864.730+/-0.159 χ^2/NDF : 3378333.6/28

Out: 780.786+/-0.146 χ^2/NDF : 6621447.1/32

All: 819.095+/-0.108 χ^2/NDF : 10150489.8/63

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2 /NDF: 14.9/16

Left Out: 1775.726+/-813.549 χ^2 /NDF:16.4/13

Right Out: 1304.124+/-1188.654 χ^2 /NDF: 27.6/18

Left In: 1565.420+/-838.287 χ^2 /NDF:12.9/11

Left: 1673.722+/-583.816 χ^2 /NDF: 29.3/25

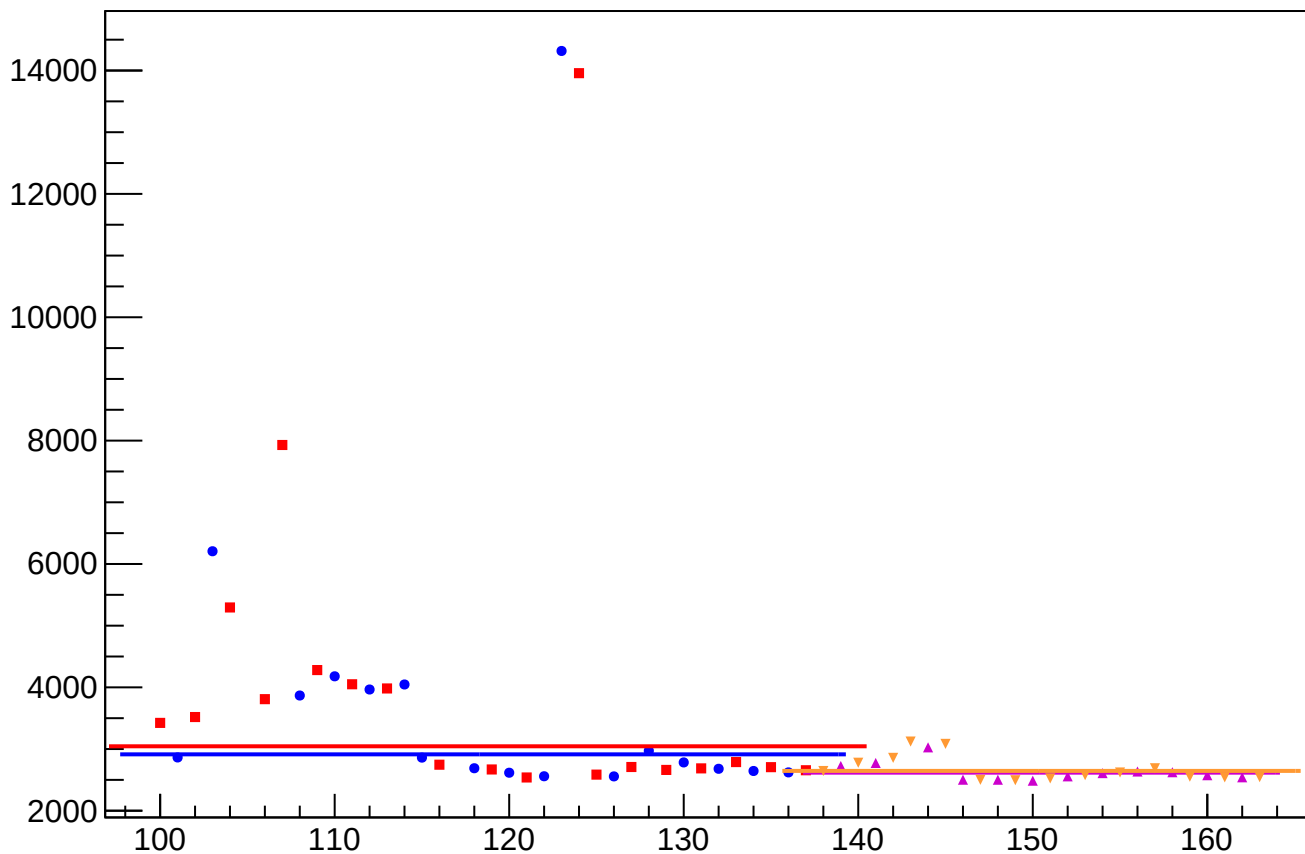
Right: 1660.114+/-828.371 χ^2 /NDF: 42.7/35

In: 1714.062+/-678.442 χ^2 /NDF:27.9/28

Out: 1625.282+/-671.359 χ^2 /NDF:44.0/32

All: 1669.206+/-477.207 χ^2 /NDF: 72.0/61

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2645.474+/-0.575 χ^2/NDF : 98423.7/13

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2616.945+/-0.593 χ^2/NDF : 53458.8/11

Left: 2631.637+/-0.413 χ^2/NDF : 153075.4/25

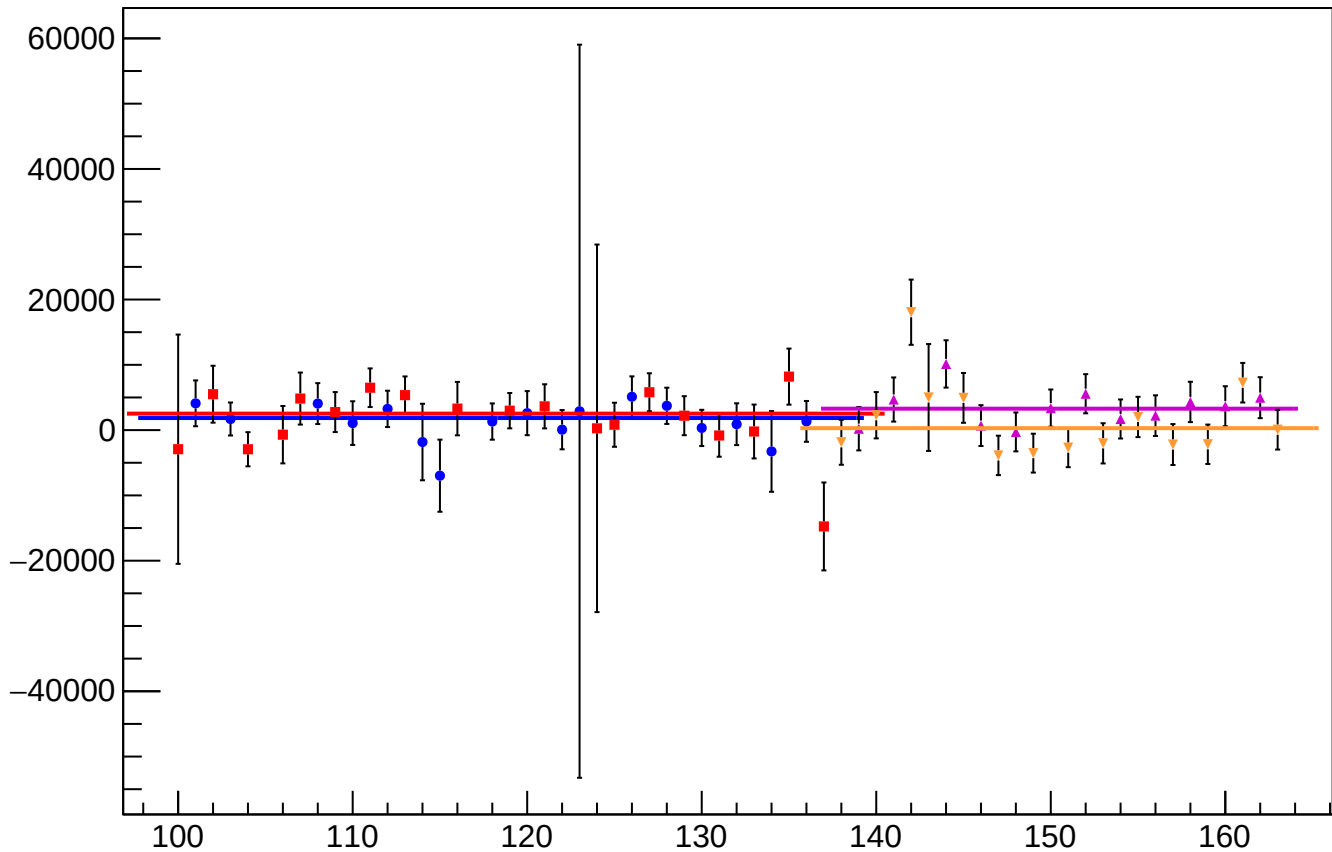
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2719.386+/-0.480 χ^2/NDF : 779014.9/28

Out: 2772.757+/-0.475 χ^2/NDF : 1257214.3/32

All: 2746.352+/-0.337 χ^2/NDF : 2042482.7/63

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 +/- 806.760 χ^2/NDF : 7.3/16

Left Out: 295.867 +/- 890.830 χ^2/NDF : 27.2/13

Right Out: 2523.303 +/- 818.432 χ^2/NDF : 20.1/18

Left In: 3283.017 +/- 901.210 χ^2/NDF : 8.1/11

Left: 1772.140 +/- 633.550 χ^2/NDF : 40.8/25

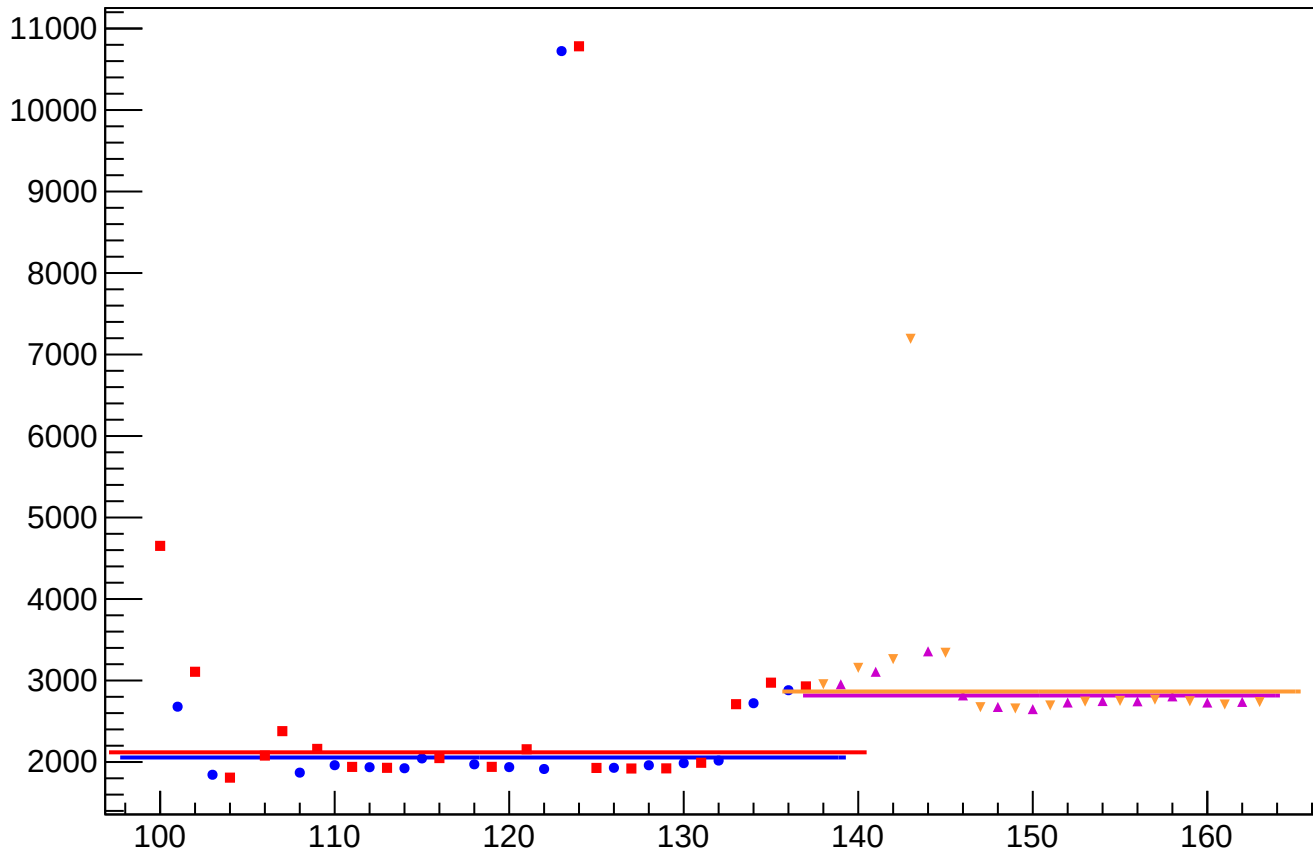
Right: 2181.863 +/- 574.547 χ^2/NDF : 27.7/35

In: 2487.556 +/- 601.094 χ^2/NDF : 16.8/28

Out: 1503.763 +/- 602.691 χ^2/NDF : 50.7/32

All: 1996.965 +/- 425.601 χ^2/NDF : 68.8/61

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2865.206+/-0.630 χ^2/NDF : 662102.4/13

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2816.279+/-0.637 χ^2/NDF : 80851.3/11

Left: 2841.026+/-0.448 χ^2/NDF : 745935.4/25

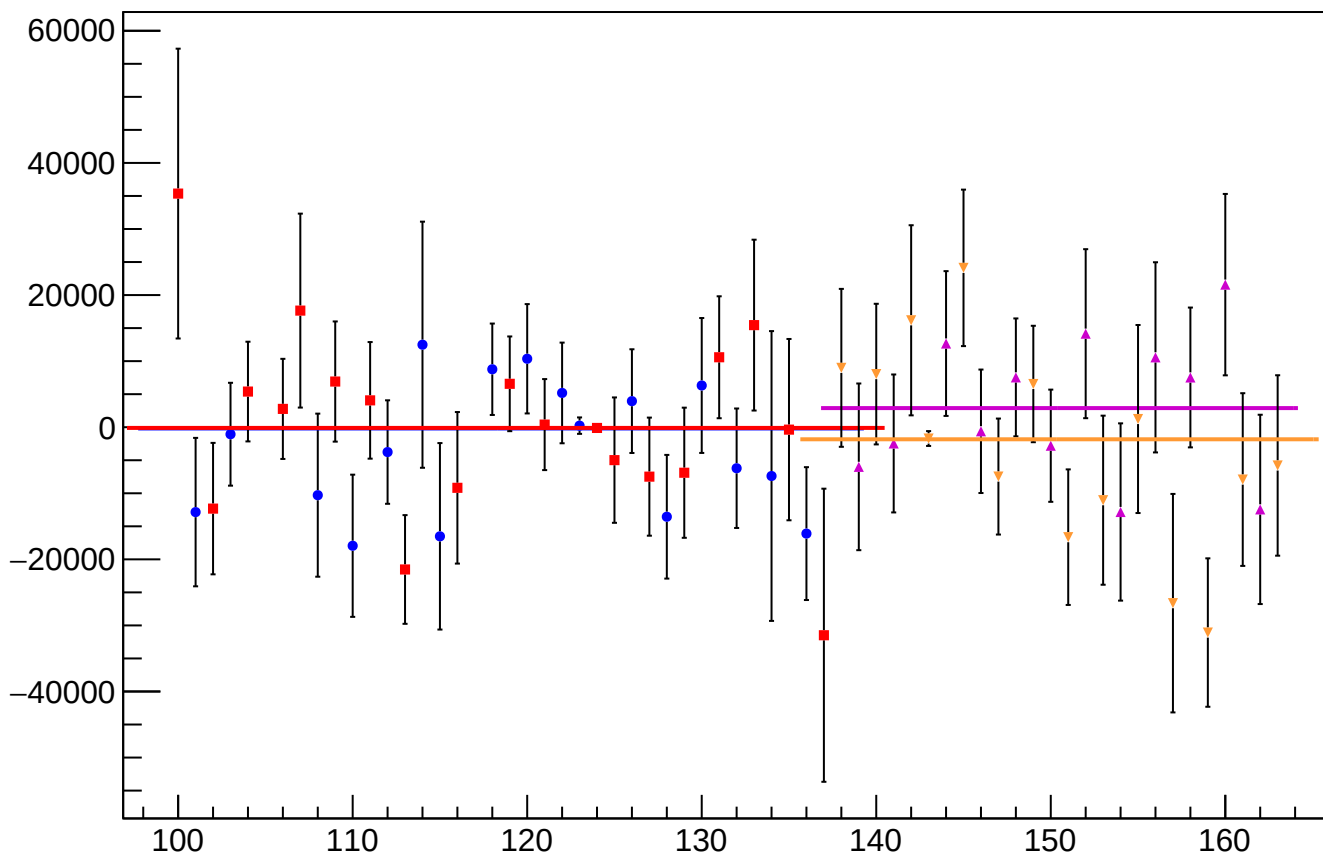
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2393.917+/-0.425 χ^2/NDF : 1188552.8/28

Out: 2459.891+/-0.426 χ^2/NDF : 1998269.4/32

All: 2426.843+/-0.301 χ^2/NDF : 3198846.5/61

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2/NDF : 16.4/16

Left Out: -1828.756 $\pm$ 1059.421 χ^2/NDF : 21.4/13

Right Out: -106.733 $\pm$ 690.637 χ^2/NDF : 21.6/18

Left In: 2893.182 $\pm$ 3206.077 χ^2/NDF : 8.0/11

Left: -1363.917 $\pm$ 1005.924 χ^2/NDF : 31.4/25

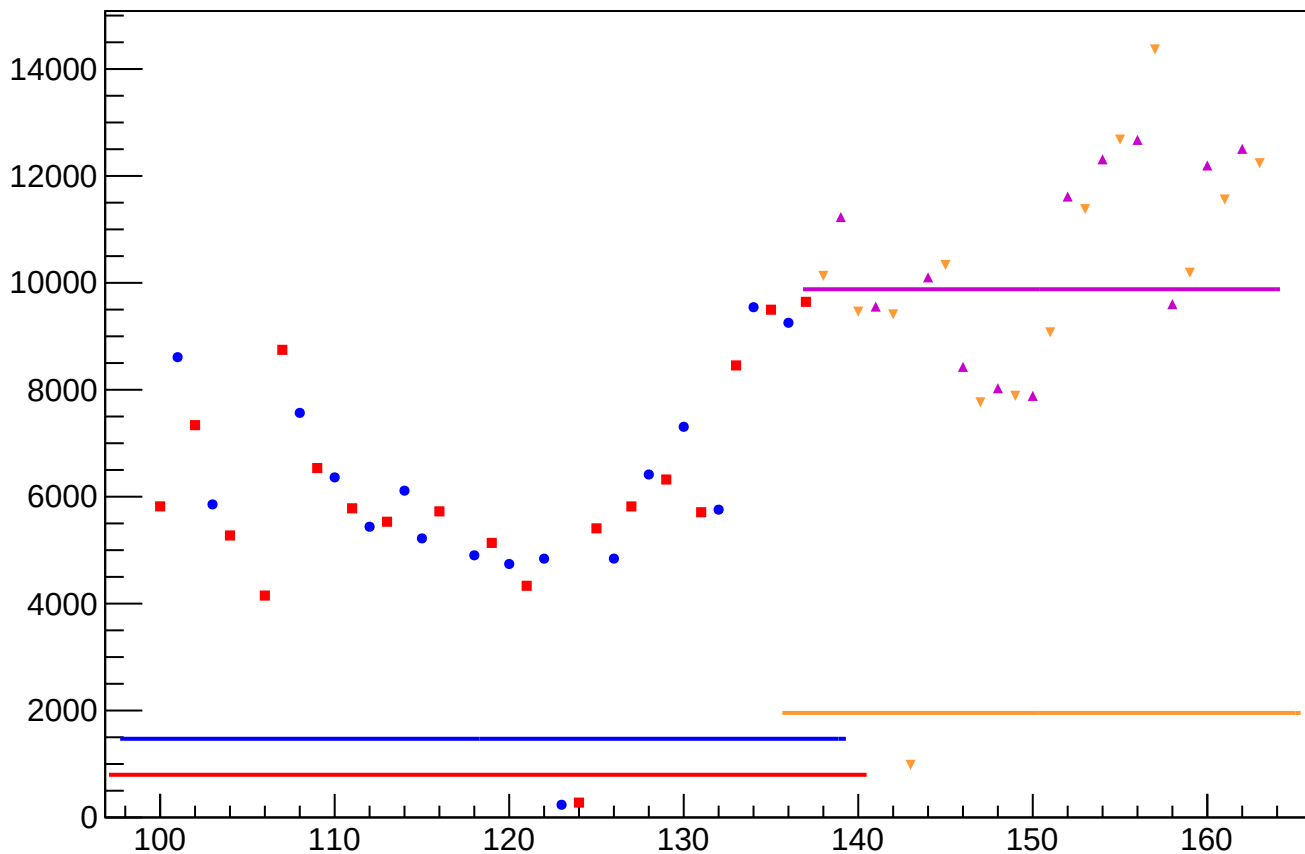
Right: -128.909 $\pm$ 585.025 χ^2/NDF : 38.0/35

In: 139.382 $\pm$ 1041.123 χ^2/NDF : 25.2/28

Out: -620.297 $\pm$ 578.557 χ^2/NDF : 44.8/32

All: -441.054 $\pm$ 505.718 χ^2/NDF : 70.4/61

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 1955.424 $\pm$ 0.749 χ^2 /NDF: 14350012.1/13

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 9880.579 $\pm$ 2.267 χ^2 /NDF: 573787.5/11

Left: 2735.596 $\pm$ 0.711 χ^2 /NDF: 25941503.3/25

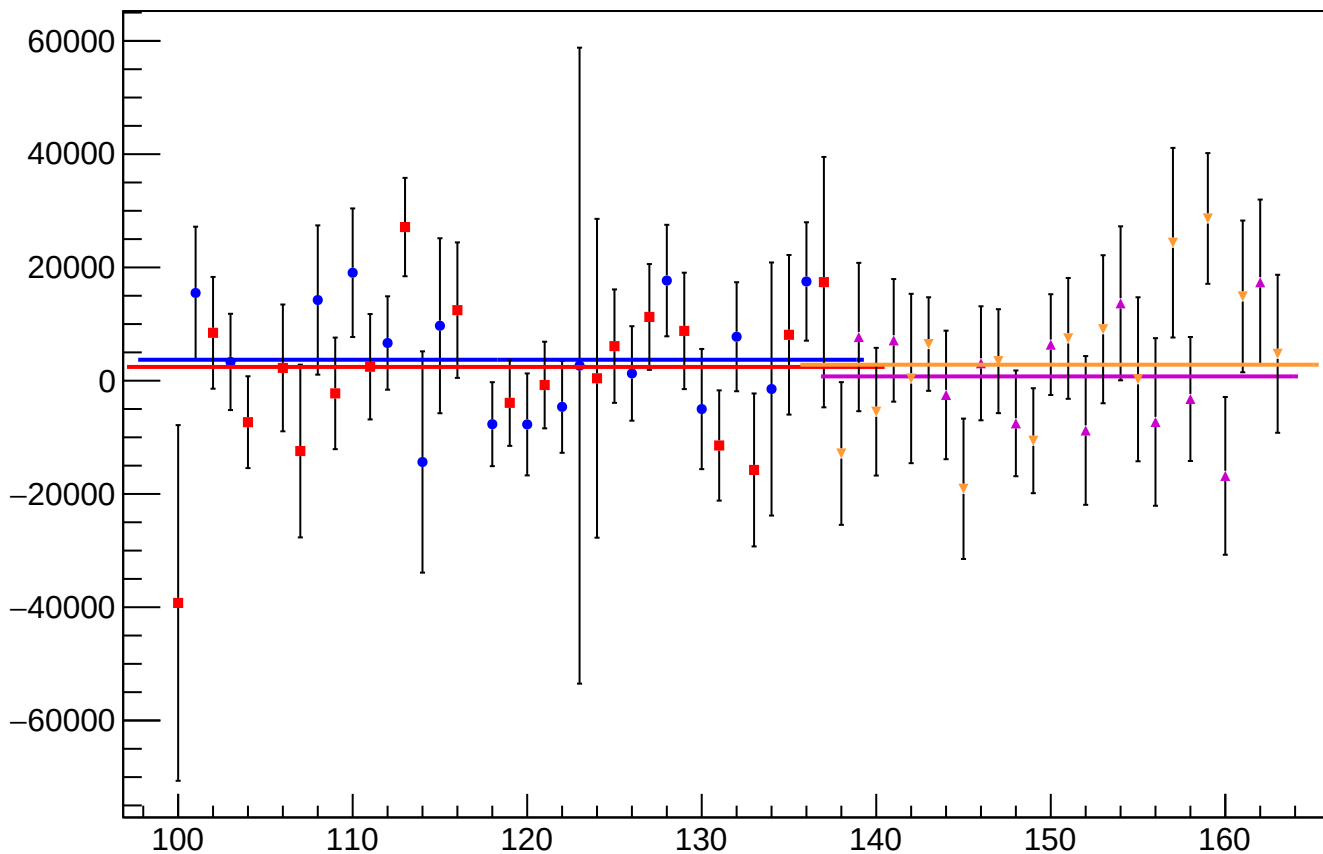
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 2358.355 $\pm$ 0.736 χ^2 /NDF: 22669582.4/28

Out: 1143.633 $\pm$ 0.409 χ^2 /NDF: 27550853.5/32

All: 1430.241 $\pm$ 0.358 χ^2 /NDF: 52300629.2/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 2823.661+/-3093.374 χ^2/NDF : 15.5/13

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 757.329+/-3332.536 χ^2/NDF : 6.7/11

Left: 1867.294+/-2267.186 χ^2/NDF : 22.4/25

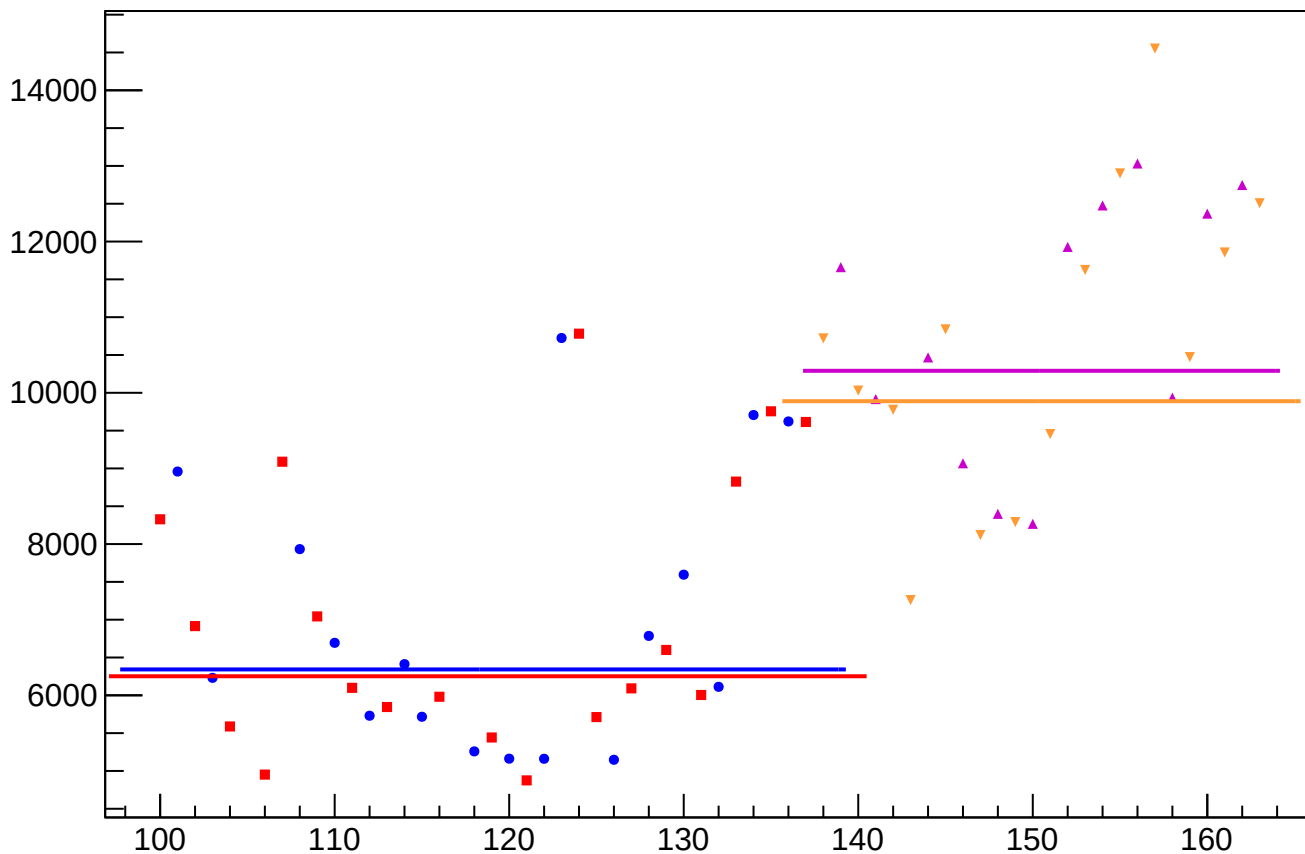
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2629.600+/-2008.980 χ^2/NDF : 21.6/28

Out: 2579.708+/-1906.724 χ^2/NDF : 35.8/32

All: 2603.352+/-1382.995 χ^2/NDF : 57.4/61

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9889.056+/-2.187 χ^2/NDF : 756185.9/13

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10290.876+/-2.356 χ^2/NDF : 494365.0/11

Left: 10075.032+/-1.603 χ^2/NDF : 1266169.9/25

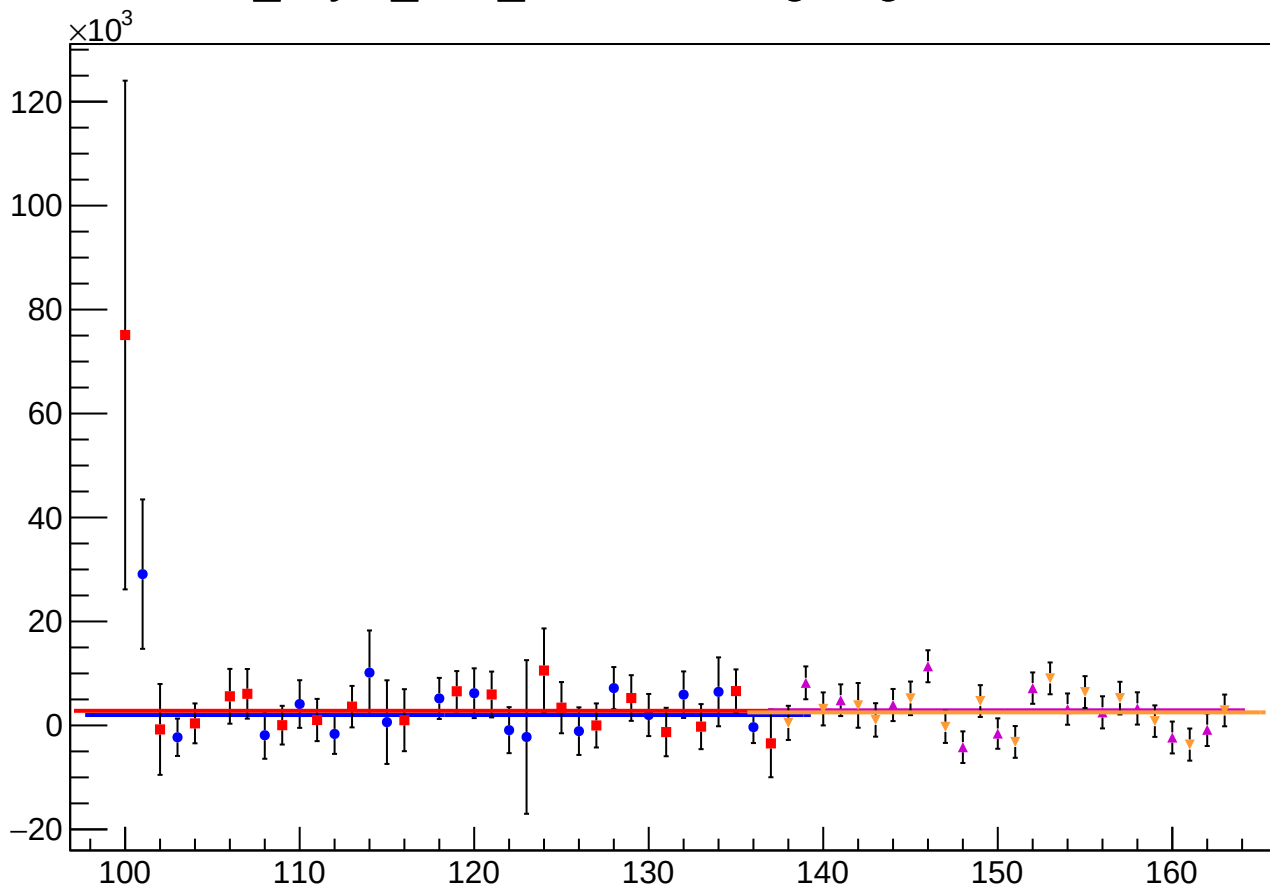
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7777.275+/-1.421 χ^2/NDF : 2875402.5/28

Out: 7633.856+/-1.348 χ^2/NDF : 3008505.3/32

All: 7701.821+/-0.978 χ^2/NDF : 5889270.4/63

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2510.884+/-847.389 χ^2/NDF : 17.5/13

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 2908.063+/-884.061 χ^2/NDF : 25.0/11

Left: 2701.065+/-611.748 χ^2/NDF : 42.7/25

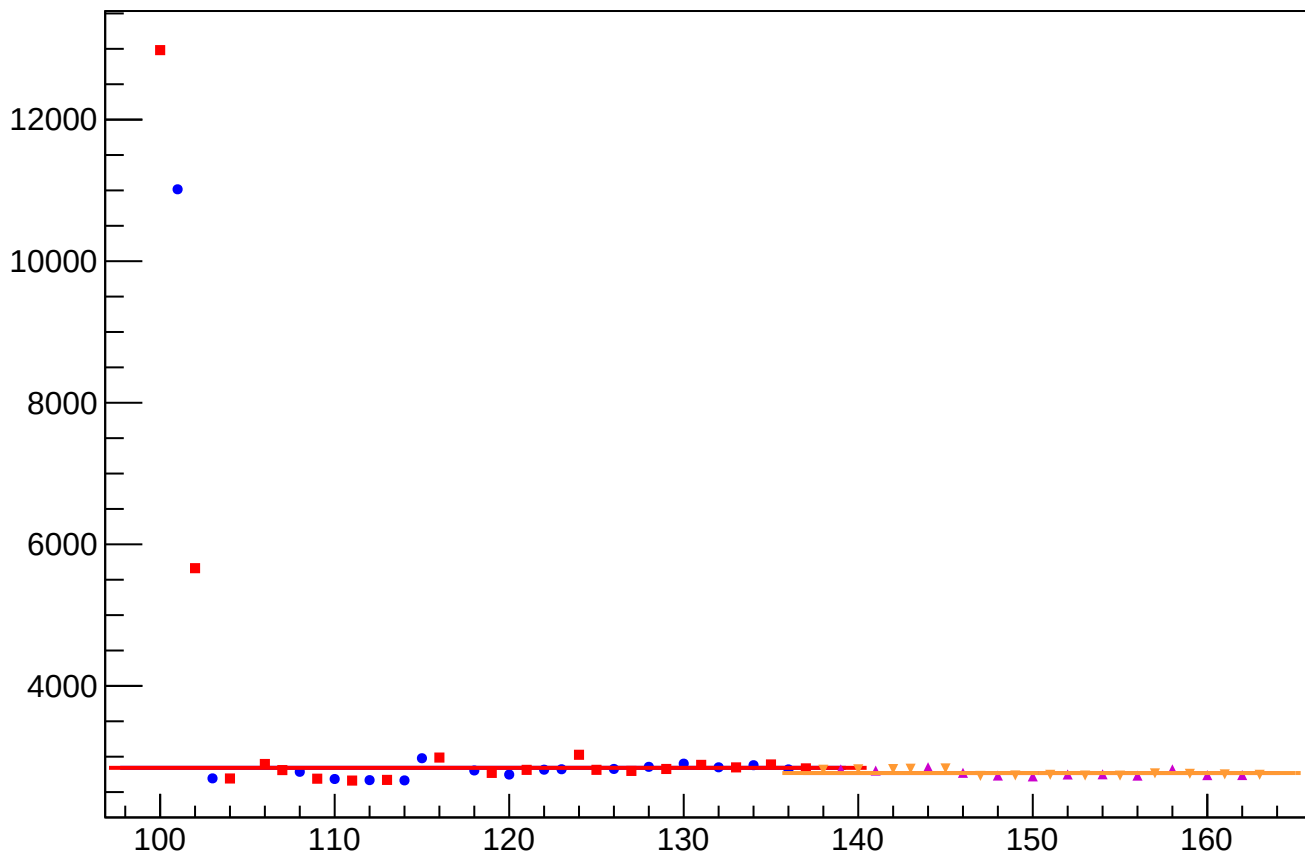
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2563.304+/-695.215 χ^2/NDF : 39.1/28

Out: 2624.653+/-668.202 χ^2/NDF : 28.1/32

All: 2595.193+/-481.757 χ^2/NDF : 67.2/61

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2769.039+/-0.599 χ^2/NDF : 4354.4/13

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2769.034+/-0.625 χ^2/NDF : 4343.5/11

Left: 2769.037+/-0.433 χ^2/NDF : 8698.0/25

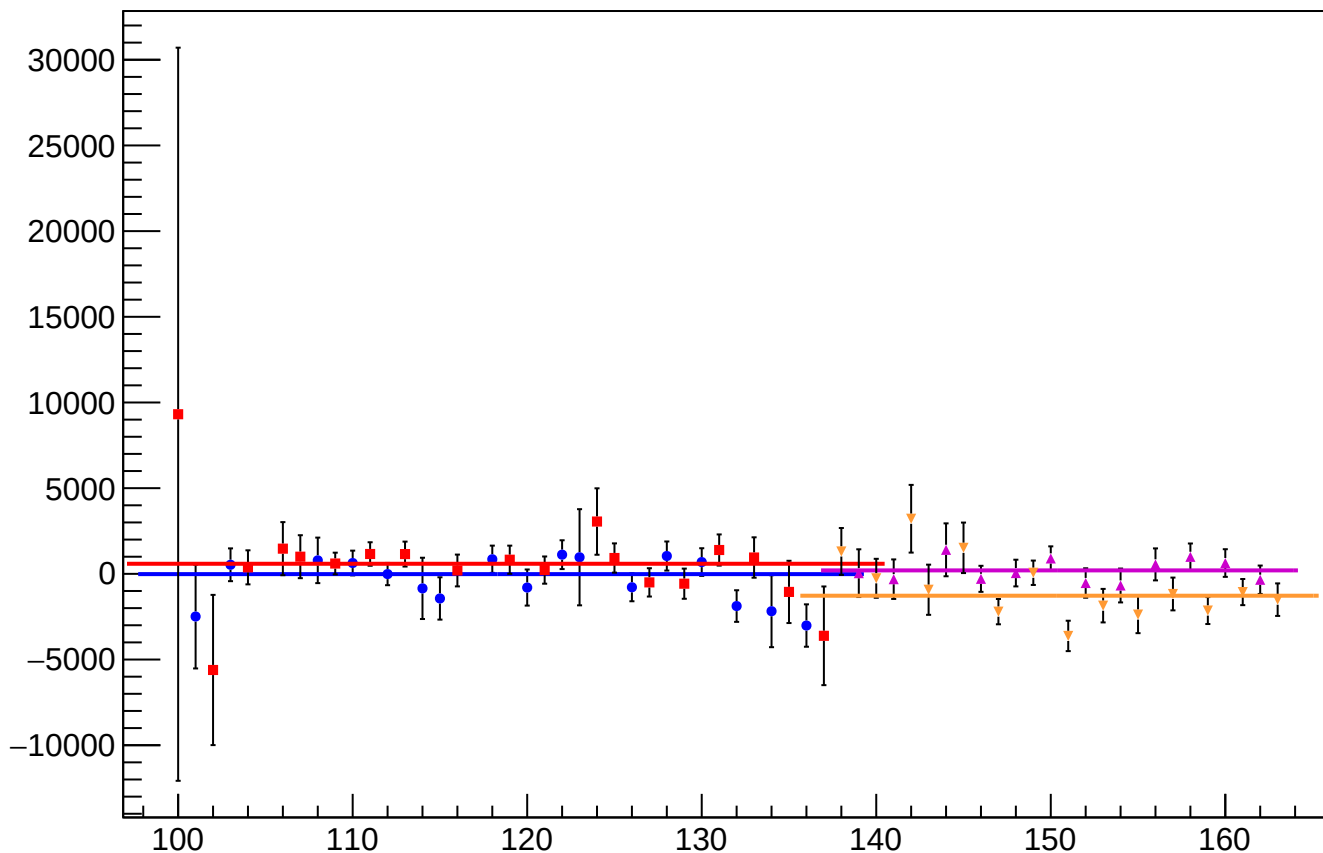
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2797.117+/-0.492 χ^2/NDF : 669937.4/28

Out: 2796.800+/-0.472 χ^2/NDF : 322365.4/32

All: 2796.952+/-0.341 χ^2/NDF : 992303.0/61

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1275.623 ± 258.134 χ^2/NDF : 28.1/13

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 202.062 ± 256.063 χ^2/NDF : 5.7/11

Left: -530.829 ± 181.791 χ^2/NDF : 50.2/25

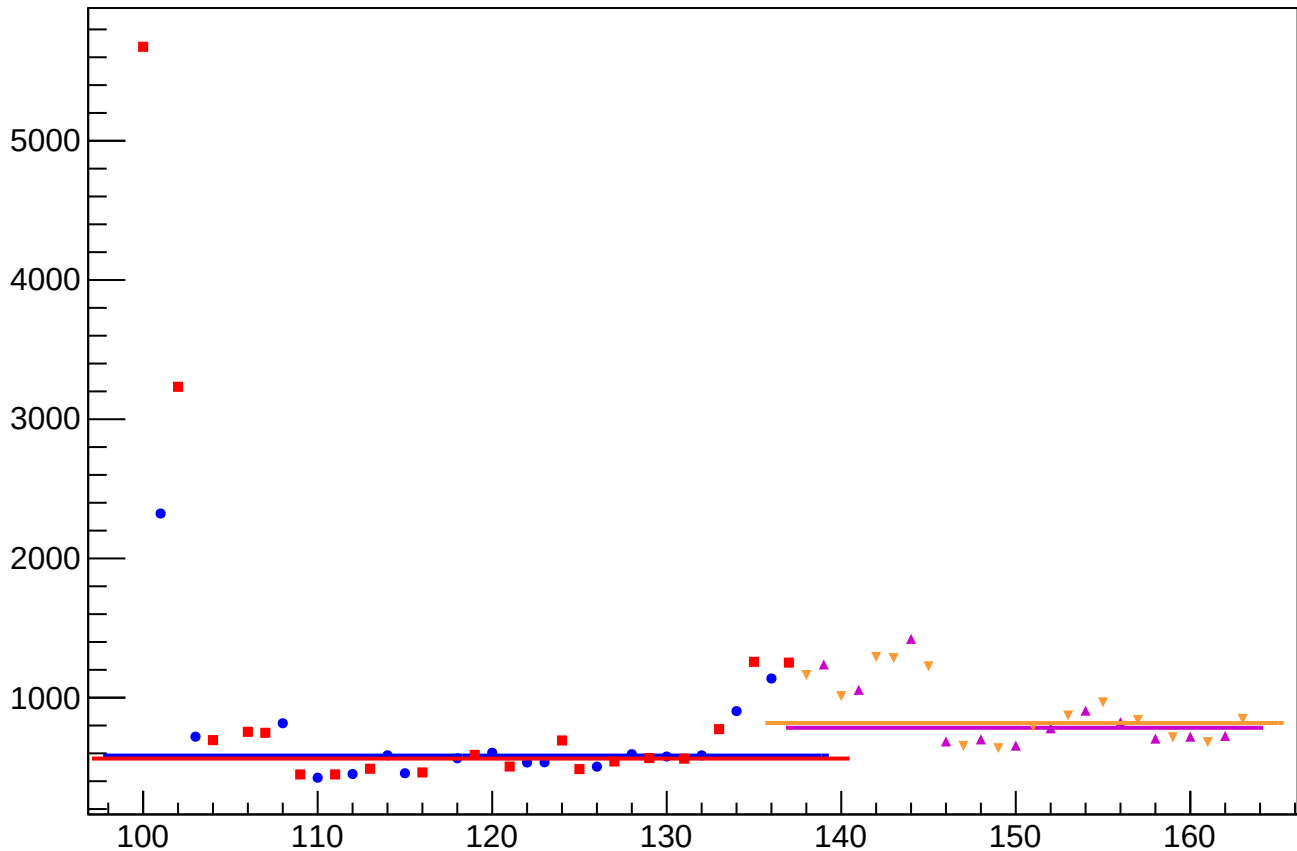
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 85.659 ± 174.666 χ^2/NDF : 27.7/28

Out: -219.513 ± 169.953 χ^2/NDF : 71.1/32

All: -71.099 ± 121.807 χ^2/NDF : 100.3/61

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 818.142+/-0.183 χ^2/NDF :1032094.9/13

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 783.705+/-0.181 χ^2/NDF :866900.4/11

Left: 800.785+/-0.129 χ^2/NDF : 1916935.8/25

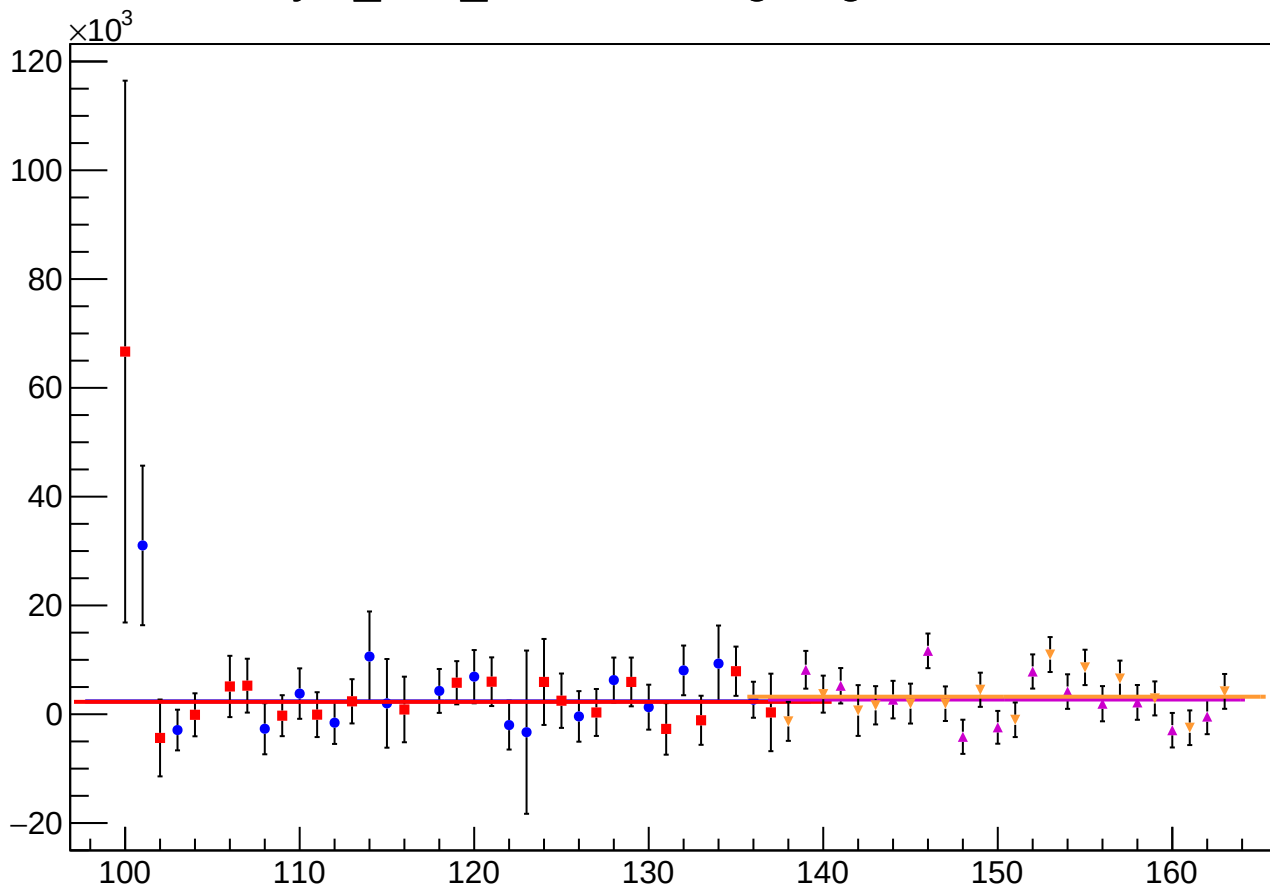
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 676.950+/-0.124 χ^2/NDF :2953639.2/28

Out: 673.424+/-0.120 χ^2/NDF :3781265.5/32

All: 675.139+/-0.086 χ^2/NDF : 6735323.4/61

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3221.033 $\pm$ 895.653 χ^2 /NDF:17.3/13

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2705.190 $\pm$ 928.824 χ^2 /NDF:25.7/11

Left: 2972.487 $\pm$ 644.730 χ^2 /NDF: 43.1/25

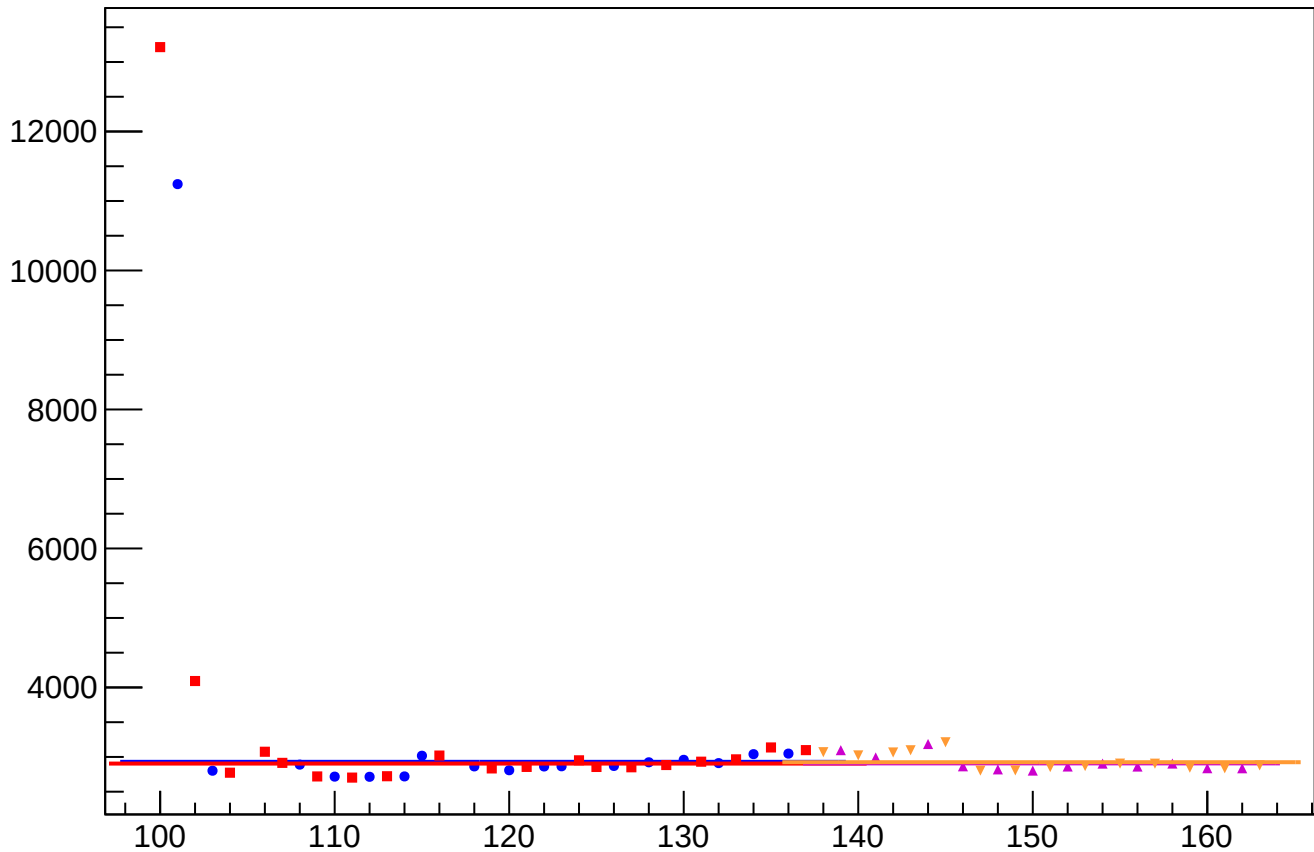
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2571.421 $\pm$ 725.025 χ^2 /NDF:40.8/28

Out: 2849.639 $\pm$ 697.447 χ^2 /NDF:27.9/32

All: 2715.922 $\pm$ 502.636 χ^2 /NDF: 68.8/61

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654 $\pm$ 0.820 χ^2 /NDF: 662629.0/16

Left Out: 2924.238 $\pm$ 0.633 χ^2 /NDF: 34368.1/13

Right Out: 2904.570 $\pm$ 0.786 χ^2 /NDF: 169288.7/18

Left In: 2907.446 $\pm$ 0.657 χ^2 /NDF: 27337.2/11

Left: 2916.148 $\pm$ 0.456 χ^2 /NDF: 62044.0/25

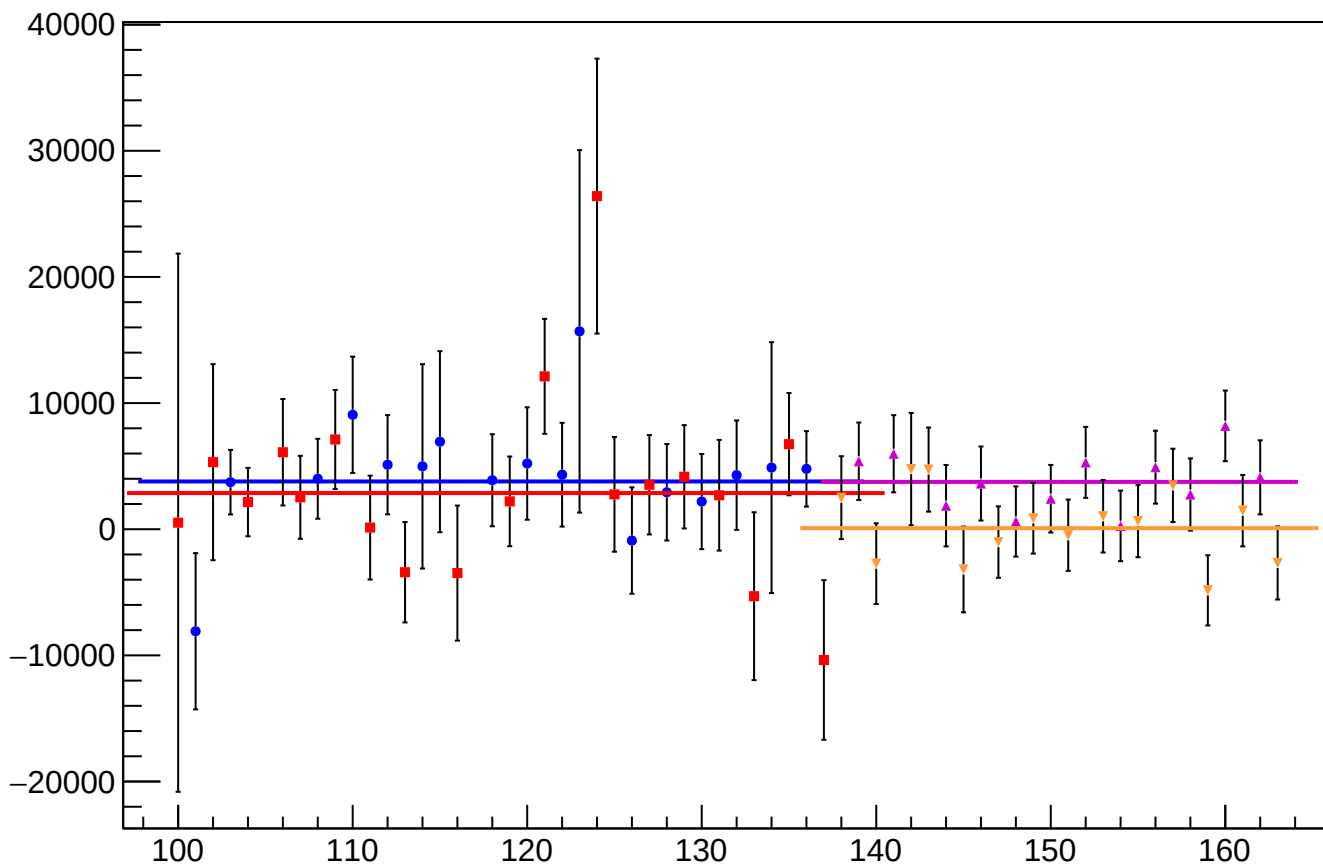
Right: 2916.579 $\pm$ 0.568 χ^2 /NDF: 832405.2/35

In: 2916.123 $\pm$ 0.513 χ^2 /NDF: 690412.9/28

Out: 2916.496 $\pm$ 0.493 χ^2 /NDF: 204036.4/32

All: 2916.317 $\pm$ 0.355 χ^2 /NDF: 894449.5/61

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 86.956 $\pm$ 808.700 χ^2/NDF : 11.4/13

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3752.715 $\pm$ 835.357 χ^2/NDF : 7.4/11

Left: 1860.415 $\pm$ 581.033 χ^2/NDF : 28.6/25

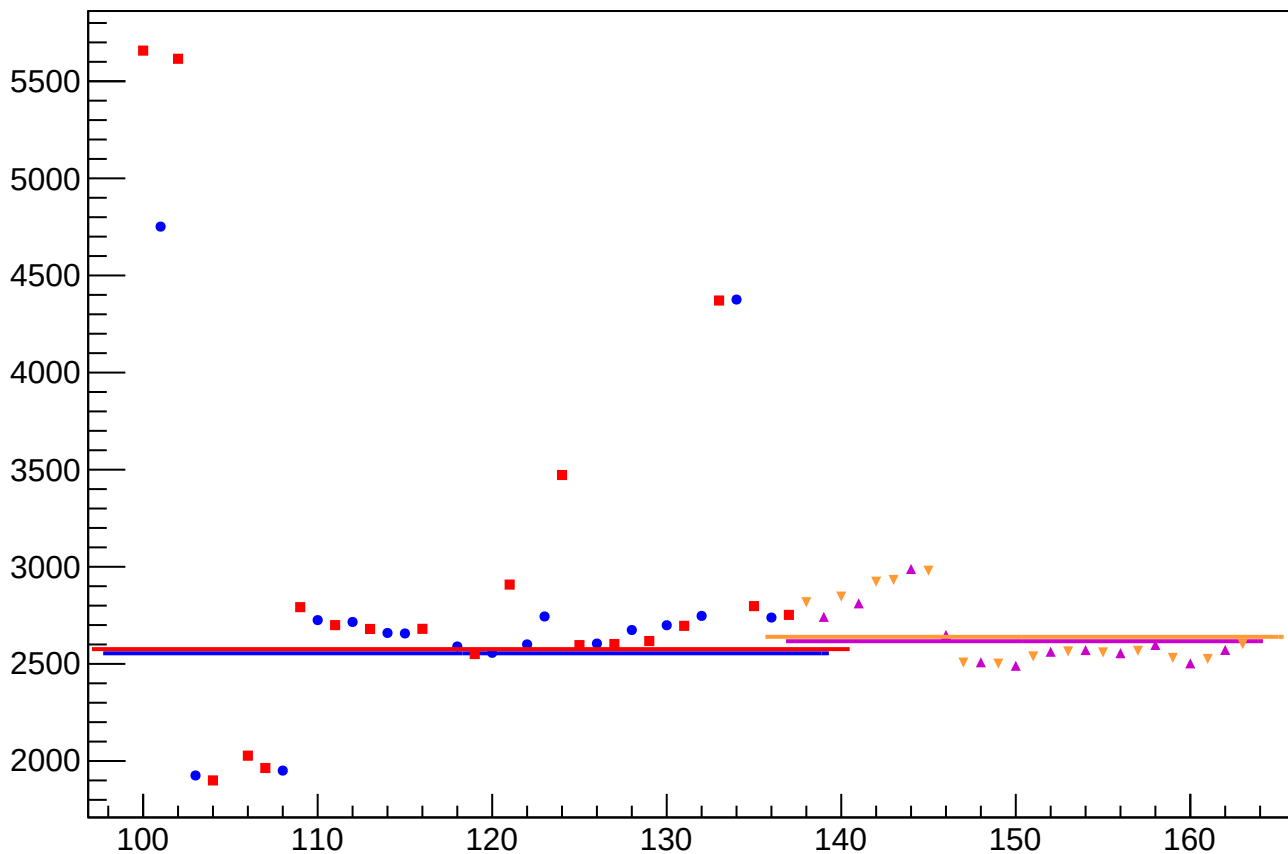
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3767.014 $\pm$ 643.225 χ^2/NDF : 15.1/28

Out: 1183.239 $\pm$ 629.547 χ^2/NDF : 38.0/32

All: 2447.363 $\pm$ 449.915 χ^2/NDF : 61.4/61

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.389 $\pm$ 0.572 χ^2 /NDF: 80380.0/13

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2616.709 $\pm$ 0.591 χ^2 /NDF: 51837.5/11

Left: 2628.417 $\pm$ 0.411 χ^2 /NDF: 132978.6/25

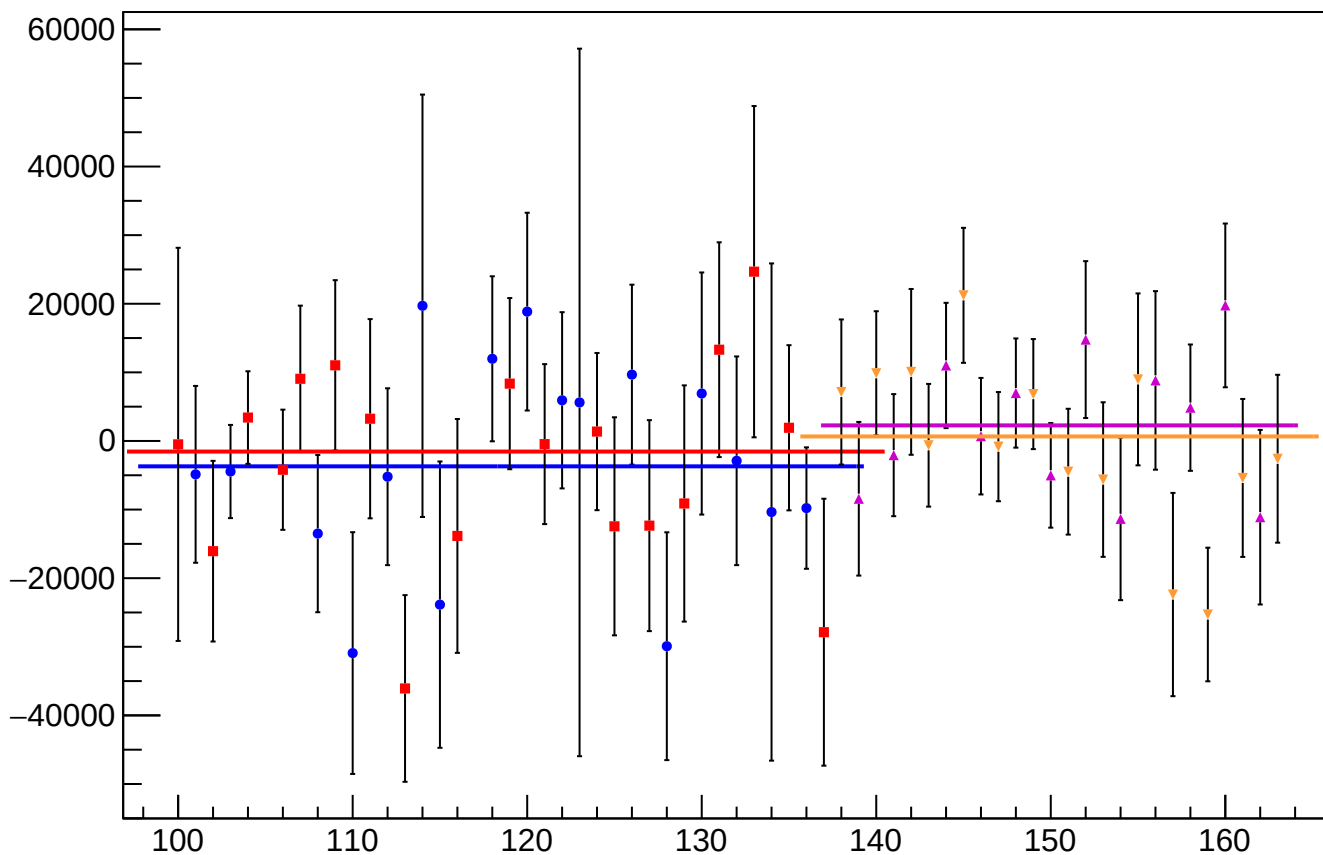
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2591.398 $\pm$ 0.455 χ^2 /NDF: 592973.4/28

Out: 2614.433 $\pm$ 0.445 χ^2 /NDF: 850368.7/32

All: 2603.165 $\pm$ 0.318 χ^2 /NDF: 1444652.3/61

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 659.983 $\pm$ 2695.239 χ^2/NDF : 18.0/13

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 2270.261 $\pm$ 2827.004 χ^2/NDF : 9.5/11

Left: 1426.721 $\pm$ 1950.741 χ^2/NDF : 27.6/25

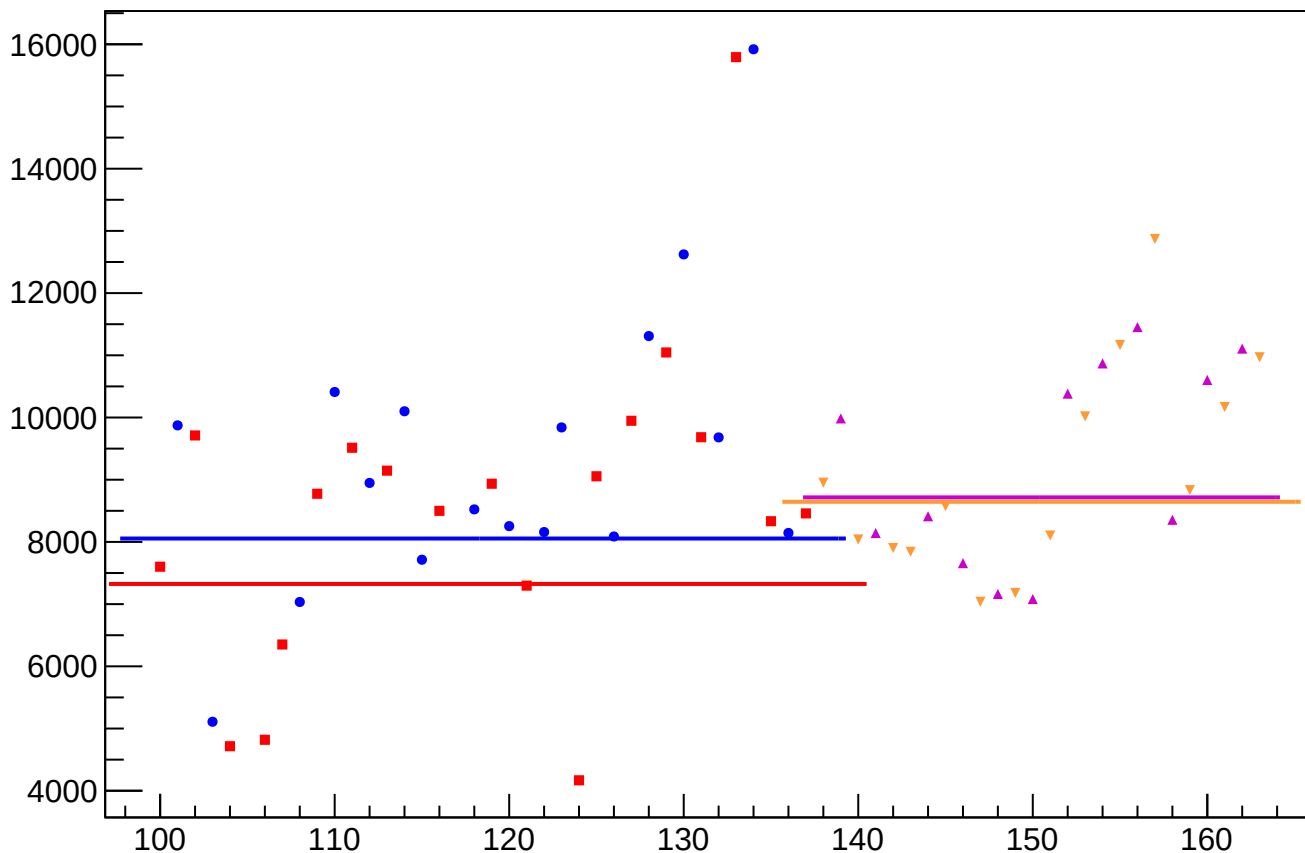
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -330.252 $\pm$ 2123.807 χ^2/NDF : 25.2/28

Out: -363.051 $\pm$ 1973.249 χ^2/NDF : 35.1/32

All: -347.855 $\pm$ 1445.596 χ^2/NDF : 60.3/61

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8644.998 $\pm$ 1.906 χ^2 /NDF: 570925.1/13

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8716.076 $\pm$ 1.999 χ^2 /NDF: 556170.8/11

Left: 8678.842 $\pm$ 1.379 χ^2 /NDF: 1127758.3/25

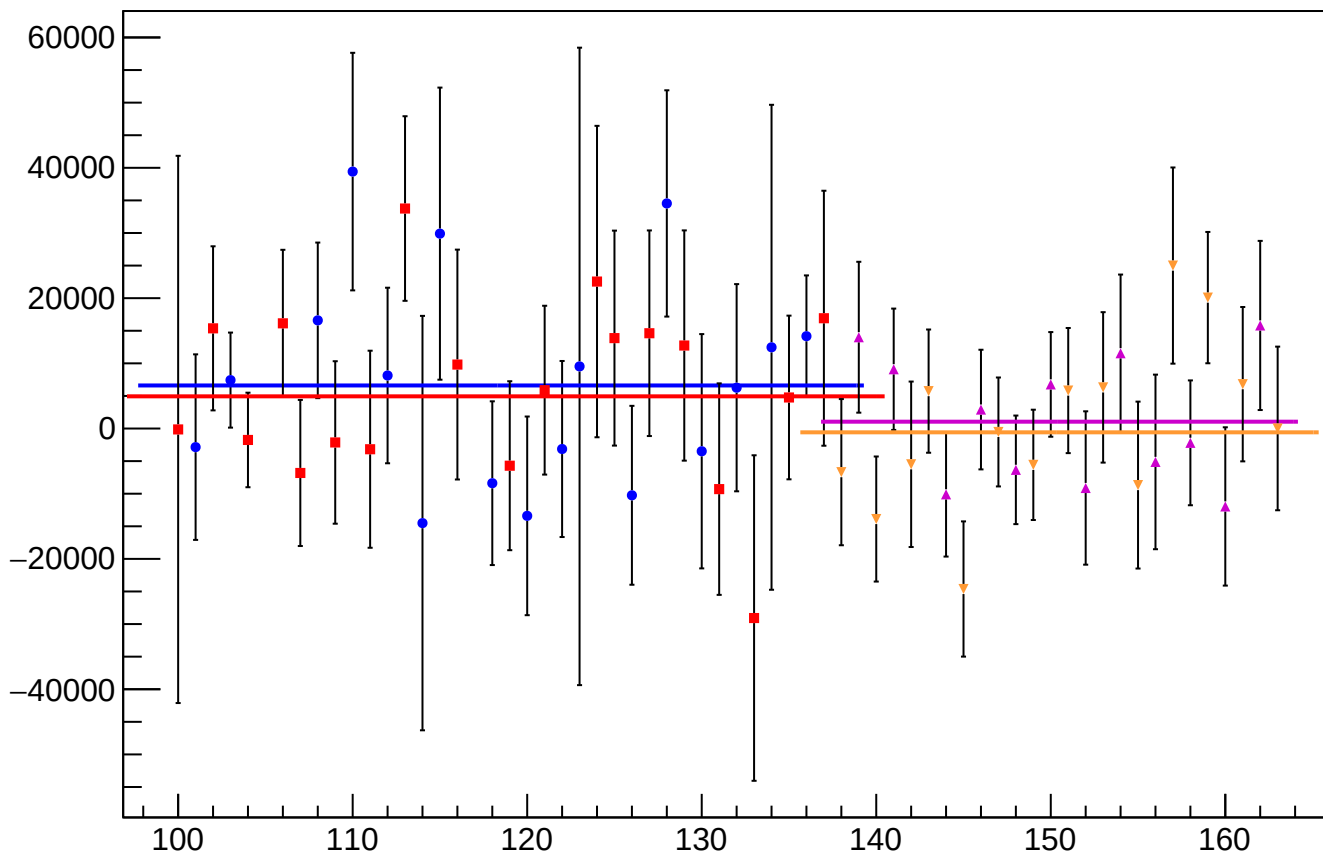
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8428.004 $\pm$ 1.502 χ^2 /NDF: 1424607.9/28

Out: 8032.198 $\pm$ 1.395 χ^2 /NDF: 2129894.2/32

All: 8215.575 $\pm$ 1.022 χ^2 /NDF: 3591783.8/63

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -583.541+/-2817.185 χ^2/NDF : 17.2/13

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1049.043+/-2948.094 χ^2/NDF : 9.0/11

Left: 195.700+/-2036.758 χ^2/NDF : 26.4/25

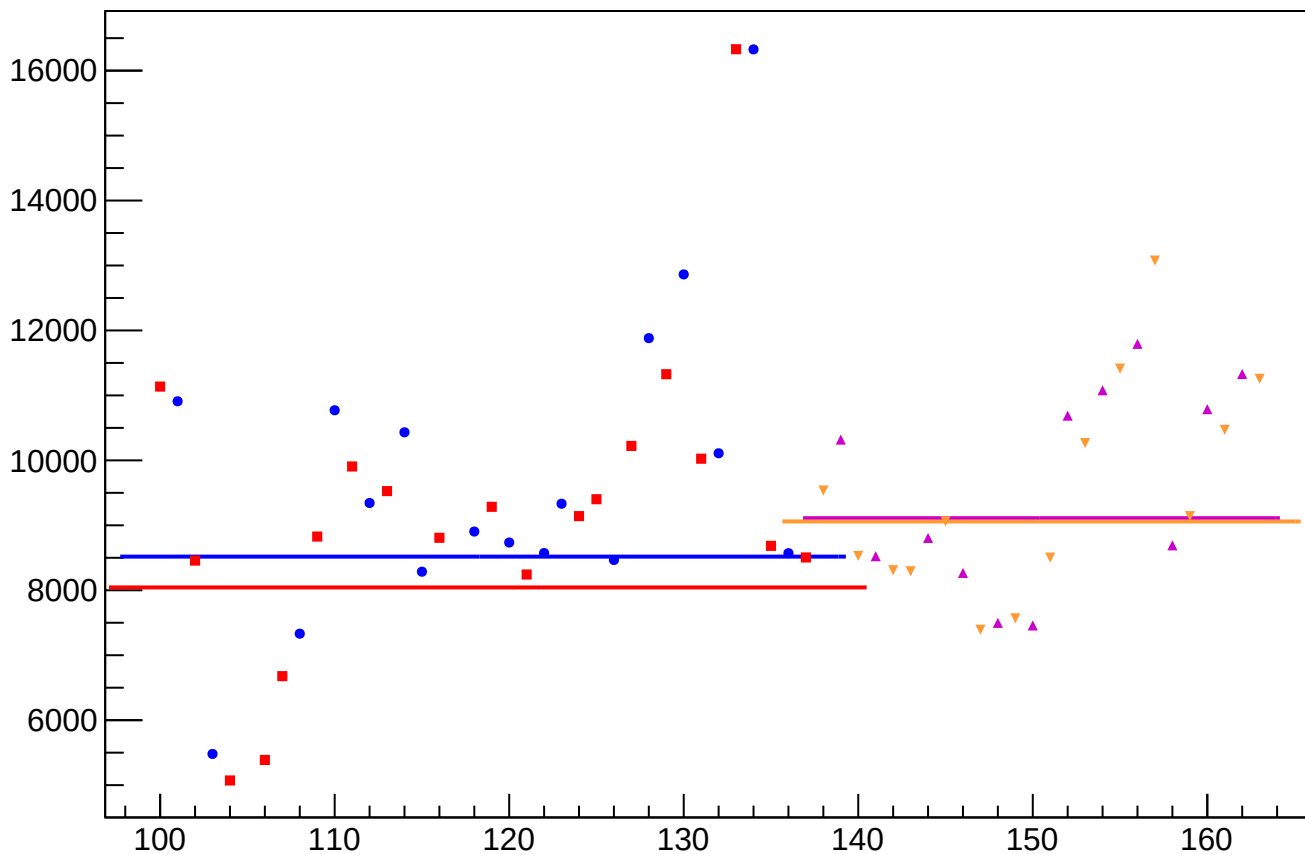
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3437.813+/-2226.216 χ^2/NDF : 25.2/28

Out: 1855.185+/-2105.143 χ^2/NDF : 32.5/32

All: 2602.295+/-1529.573 χ^2/NDF : 57.9/61

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 9059.367 $\pm$ 1.992 χ^2/NDF : 499934.1/13

Right Out: 8043.754 $\pm$ 2.240 χ^2/NDF : 953572.9/18

Left In: 9109.808 $\pm$ 2.085 χ^2/NDF : 478206.8/11

Left: 9083.443 $\pm$ 1.440 χ^2/NDF : 978447.0/25

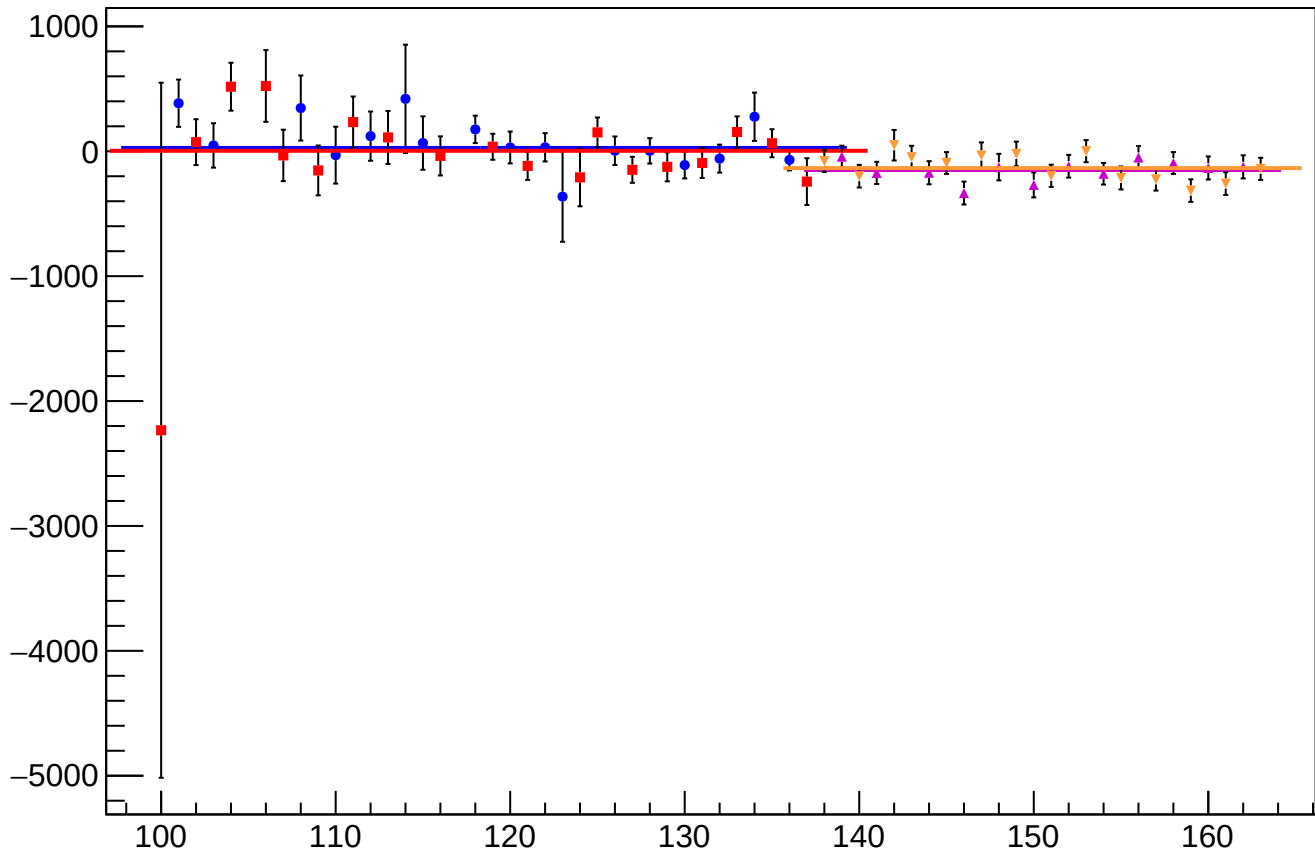
Right: 8264.537 $\pm$ 1.638 χ^2/NDF : 1746449.5/35

In: 8855.585 $\pm$ 1.574 χ^2/NDF : 1284807.1/28

Out: 8610.837 $\pm$ 1.489 χ^2/NDF : 1568300.9/32

All: 8726.373 $\pm$ 1.082 χ^2/NDF : 2865870.0/63

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -134.969 ± 24.773 χ^2/NDF : 16.9/13

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -149.731 ± 26.555 χ^2/NDF : 9.1/11

Left: -141.838 ± 18.114 χ^2/NDF : 26.2/25

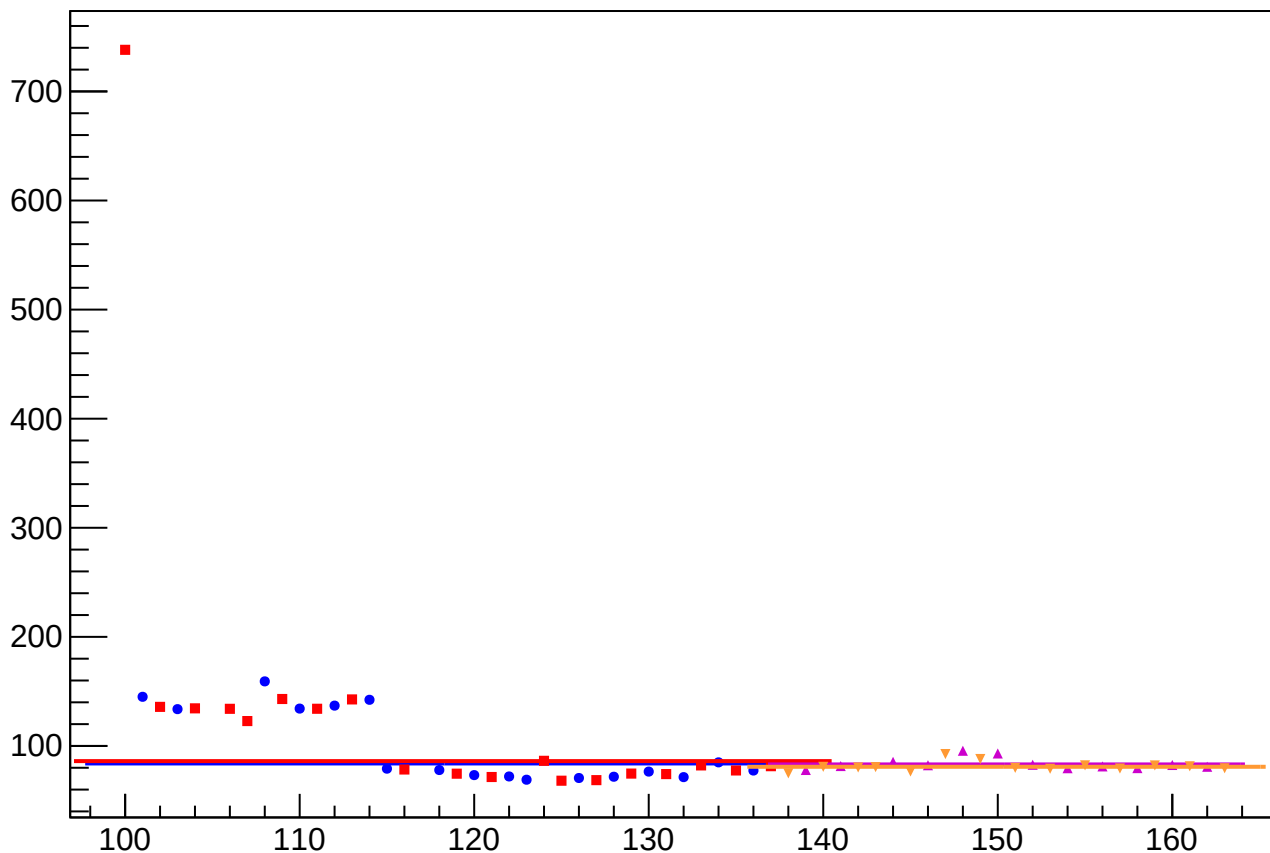
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -81.957 ± 20.840 χ^2/NDF : 40.6/28

Out: -86.477 ± 19.989 χ^2/NDF : 52.5/32

All: -84.311 ± 14.426 χ^2/NDF : 93.1/61

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 80.907+/-0.018 χ^2/NDF :52716.9/13

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 83.063+/-0.019 χ^2/NDF :64852.9/11

Left: 81.911 ± 0.013 $\chi^2/\text{NDF}: 124618.7/25$

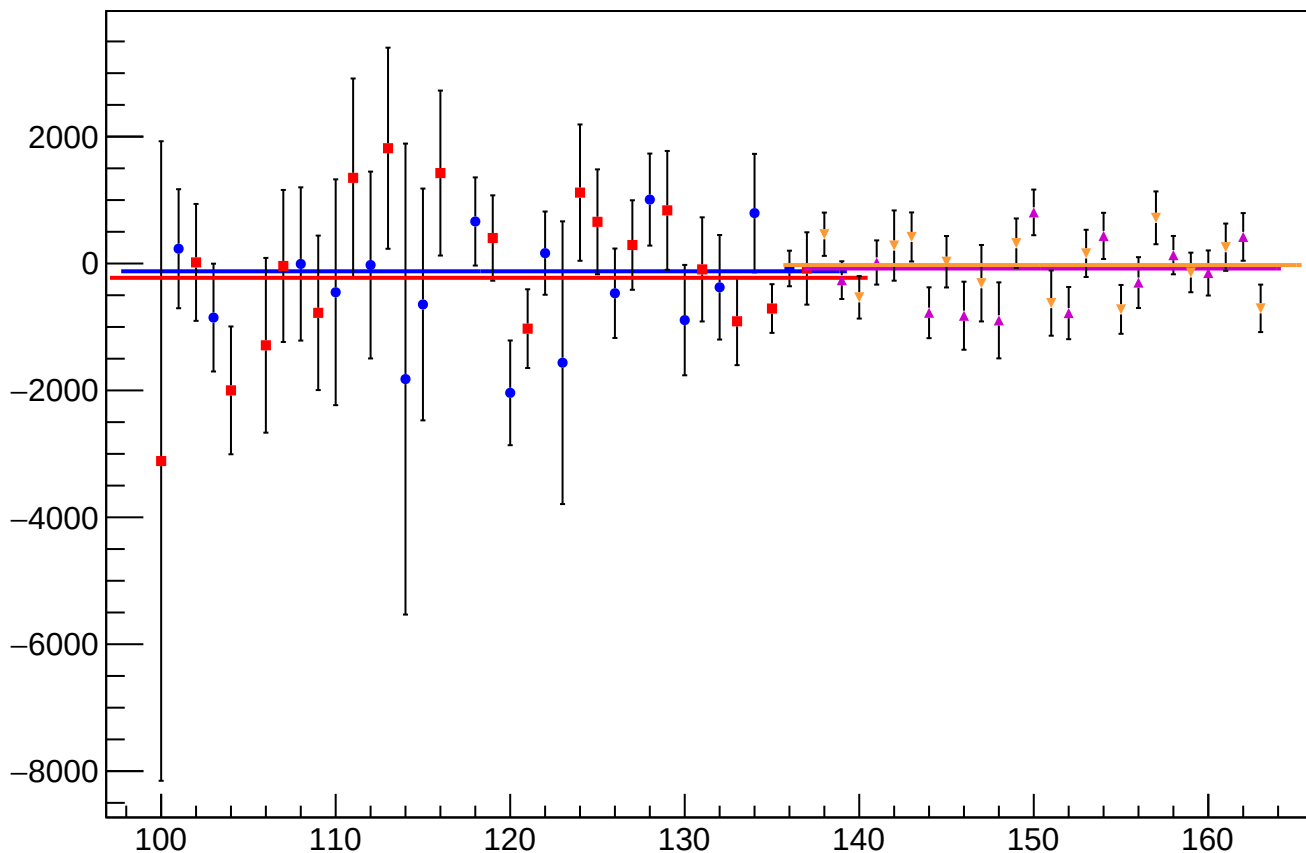
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

ln: 83.408+/-0.015 χ^2/NDF :1025983.4/28

Out: 82.722+/-0.014 χ^2/NDF :1219705.4/32

All: 83.051+/-0.010 χ^2/NDF : 2246817.0/61

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -24.212 ± 104.783 $\chi^2/\text{NDF}: 19.1/13$

Right Out: -225.420 ± 184.973 $\chi^2/\text{NDF}: 18.3/18$

Left In: -79.300 ± 108.209 $\chi^2/\text{NDF}: 20.8/11$

Left: -50.870 ± 75.275 $\chi^2/\text{NDF}: 40.1/25$

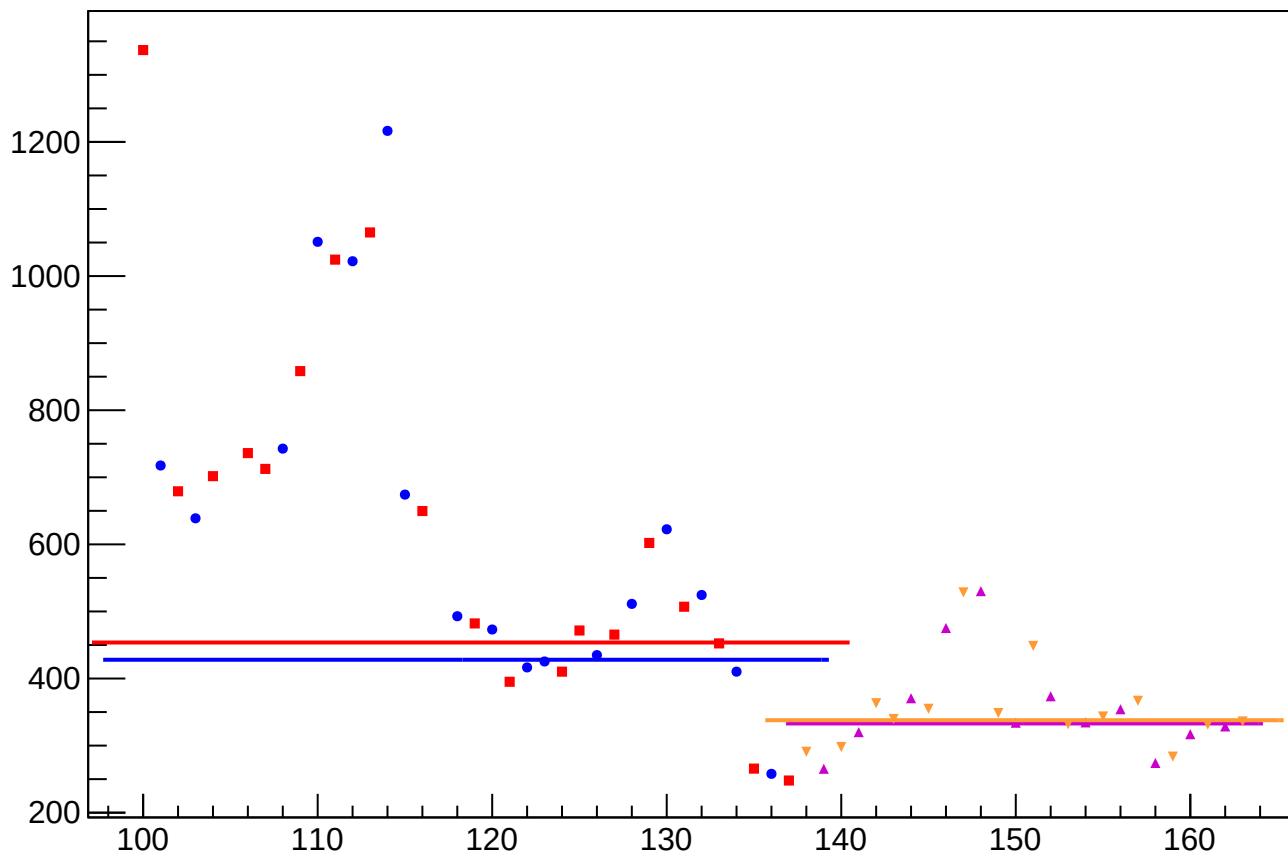
Right: -172.394 ± 128.849 $\chi^2/\text{NDF}: 31.5/35$

In: -90.783 ± 92.684 $\chi^2/\text{NDF}: 33.9/28$

Out: -73.093 ± 91.171 $\chi^2/\text{NDF}: 38.4/32$

All: -81.792 ± 64.996 $\chi^2/\text{NDF}: 72.3/61$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 337.828+/-0.074 χ^2/NDF : 440643.7/13

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 333.011+/-0.077 χ^2/NDF : 586729.4/11

Left: 335.497+/-0.053 χ^2/NDF : 1029418.6/25

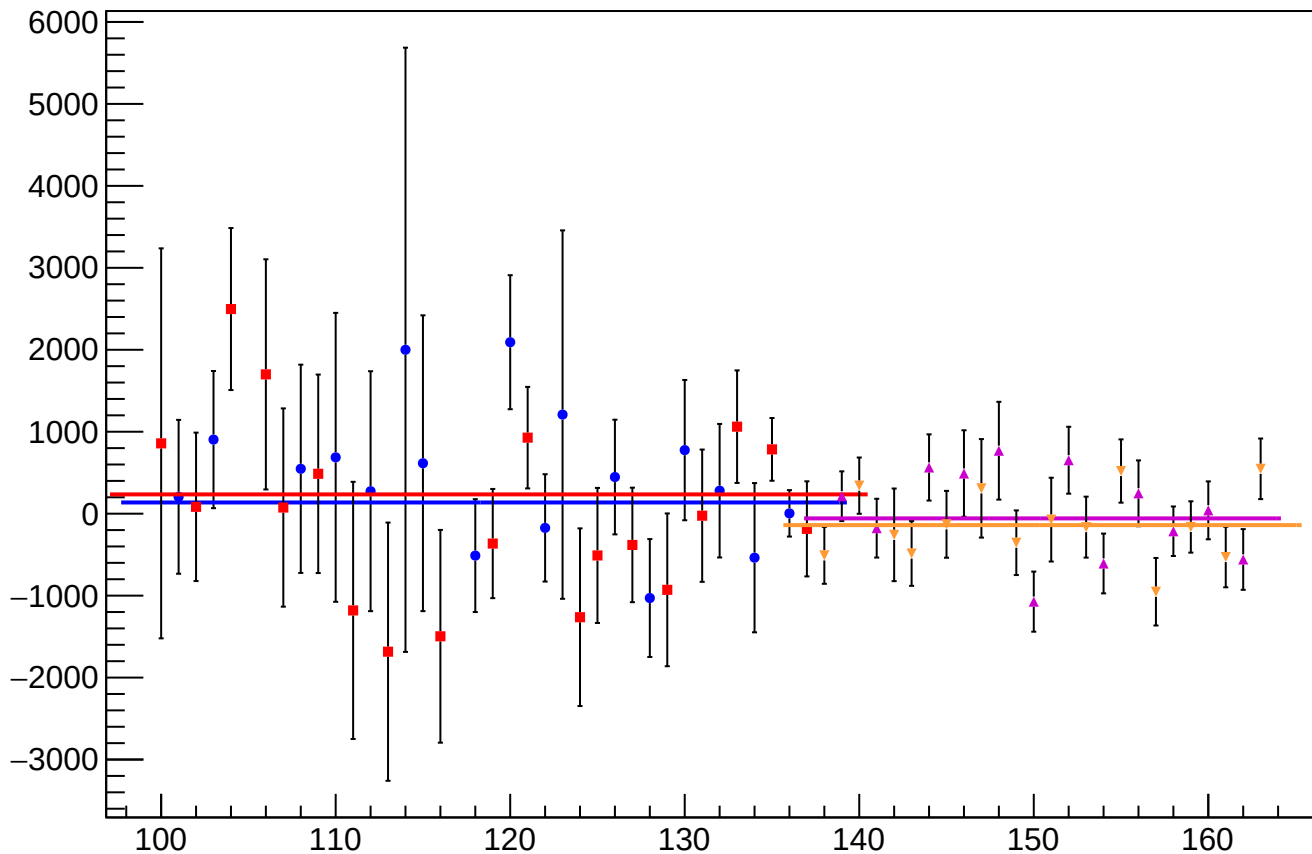
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 358.308+/-0.066 χ^2/NDF : 3059347.0/28

Out: 365.978+/-0.064 χ^2/NDF : 3169333.3/32

All: 362.206+/-0.046 χ^2/NDF : 6235640.0/61

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -139.434 $\pm$ 105.371 χ^2/NDF : 16.2/13

Right Out: 235.334 $\pm$ 184.025 χ^2/NDF : 21.8/18

Left In: -57.561 $\pm$ 108.740 χ^2/NDF : 22.0/11

Left: -99.786 $\pm$ 75.672 χ^2/NDF : 38.5/25

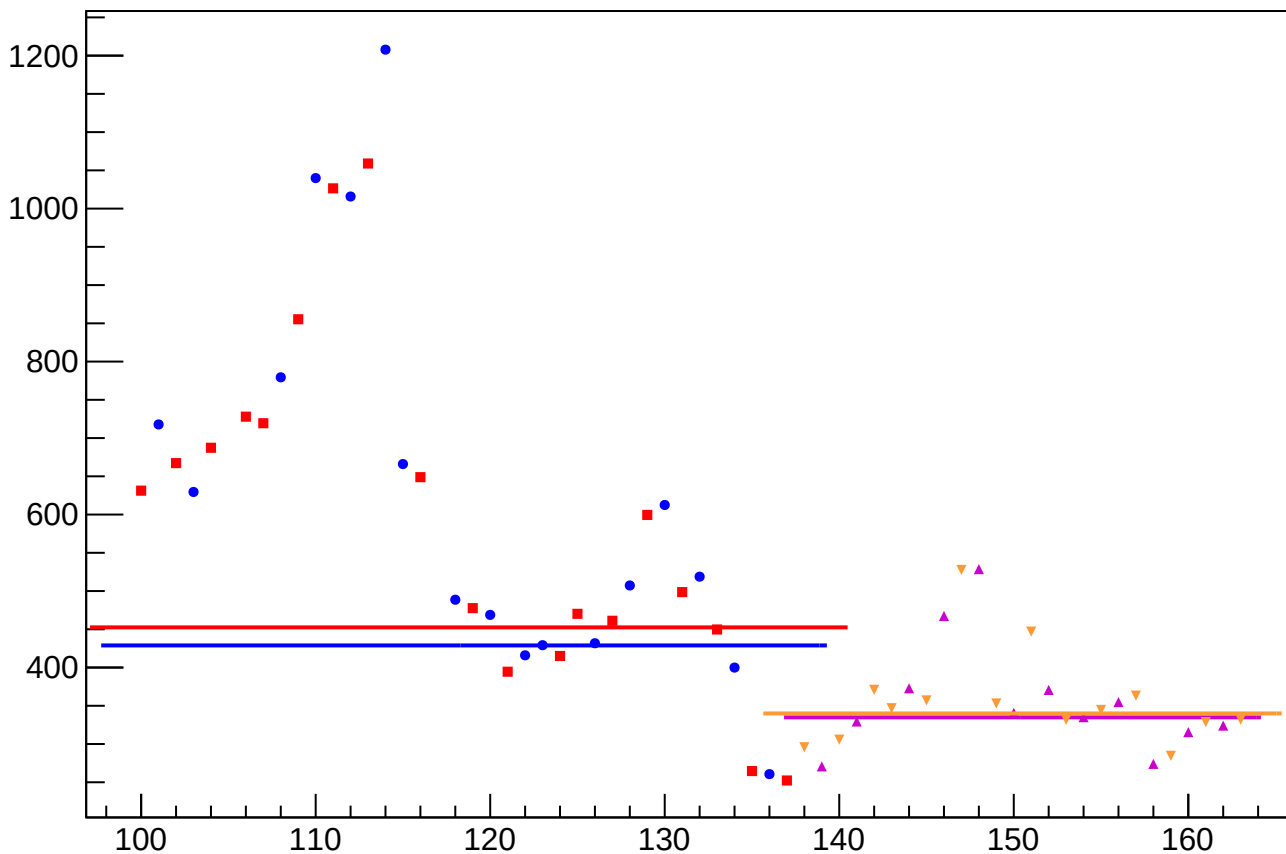
Right: 184.875 $\pm$ 128.536 χ^2/NDF : 34.6/35

In: -5.426 $\pm$ 93.021 χ^2/NDF : 35.5/28

Out: -46.901 $\pm$ 91.442 χ^2/NDF : 41.1/32

All: -26.518 $\pm$ 65.210 χ^2/NDF : 76.7/61

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 339.972+/-0.075 χ^2/NDF : 420226.4/13

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 334.871+/-0.077 χ^2/NDF : 554288.3/11

Left: 337.501+/-0.054 χ^2/NDF : 976784.3/25

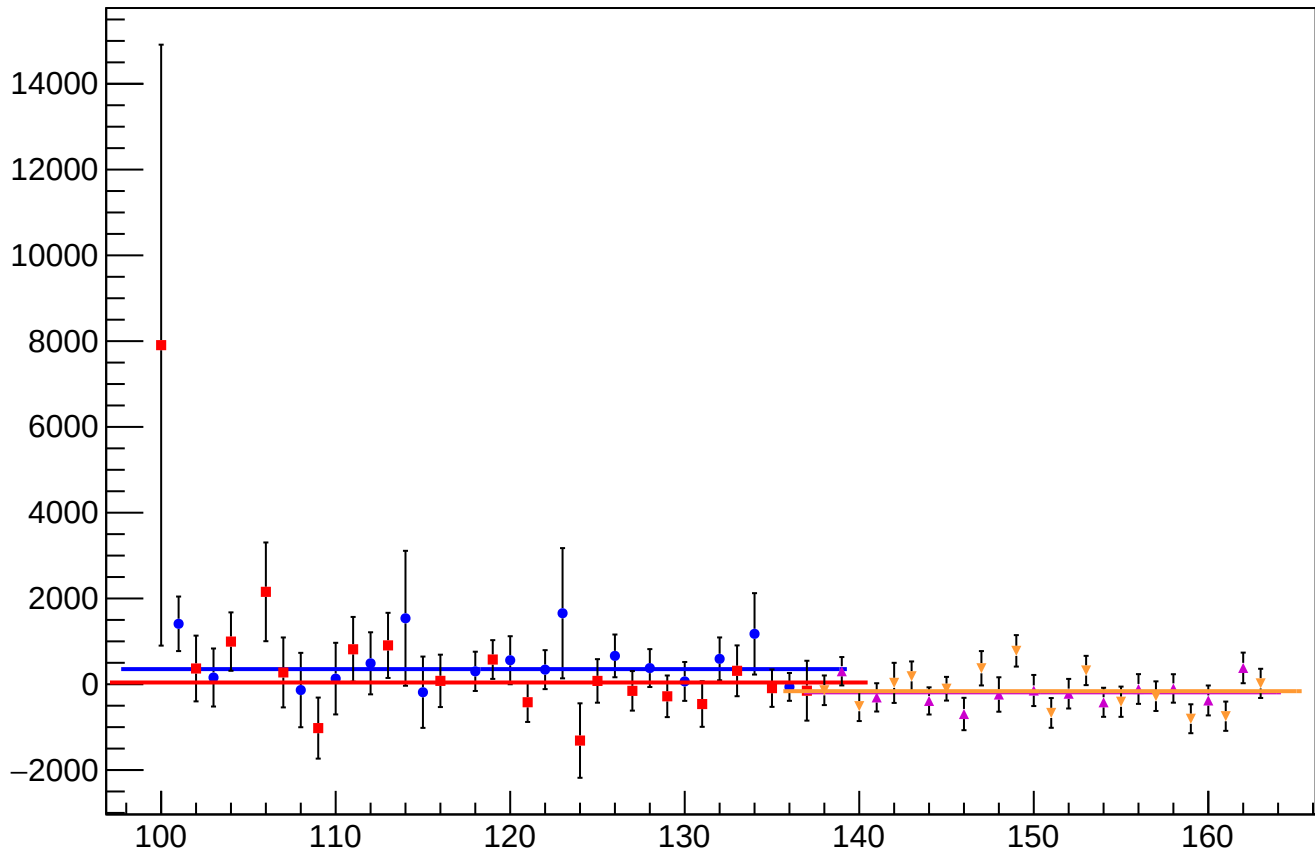
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 360.089+/-0.066 χ^2/NDF : 2965912.1/28

Out: 367.752+/-0.065 χ^2/NDF : 3025371.8/32

All: 363.986+/-0.046 χ^2/NDF : 5998186.8/61

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -161.476 ± 92.958 χ^2/NDF : 22.2/13

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -188.725 ± 100.147 χ^2/NDF : 8.0/11

Left: -174.087 ± 68.131 χ^2/NDF : 30.2/25

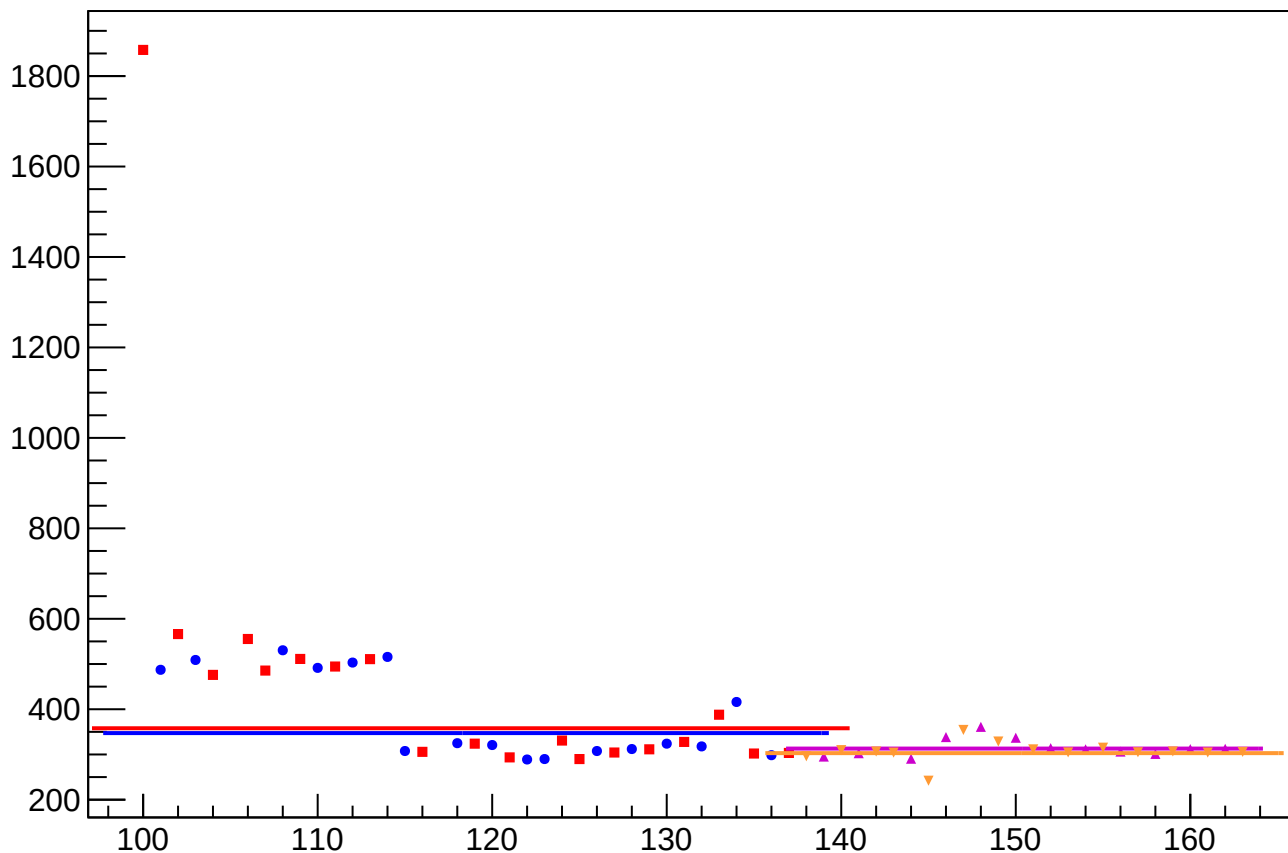
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: -0.620 ± 80.910 χ^2/NDF : 26.7/28

Out: -98.878 ± 77.270 χ^2/NDF : 41.8/32

All: -52.009 ± 55.881 χ^2/NDF : 69.3/61

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 302.957 $\pm$ 0.066 χ^2 /NDF: 145692.4/13

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 313.038 $\pm$ 0.071 χ^2 /NDF: 67423.3/11

Left: 307.623 $\pm$ 0.048 χ^2 /NDF: 224002.5/25

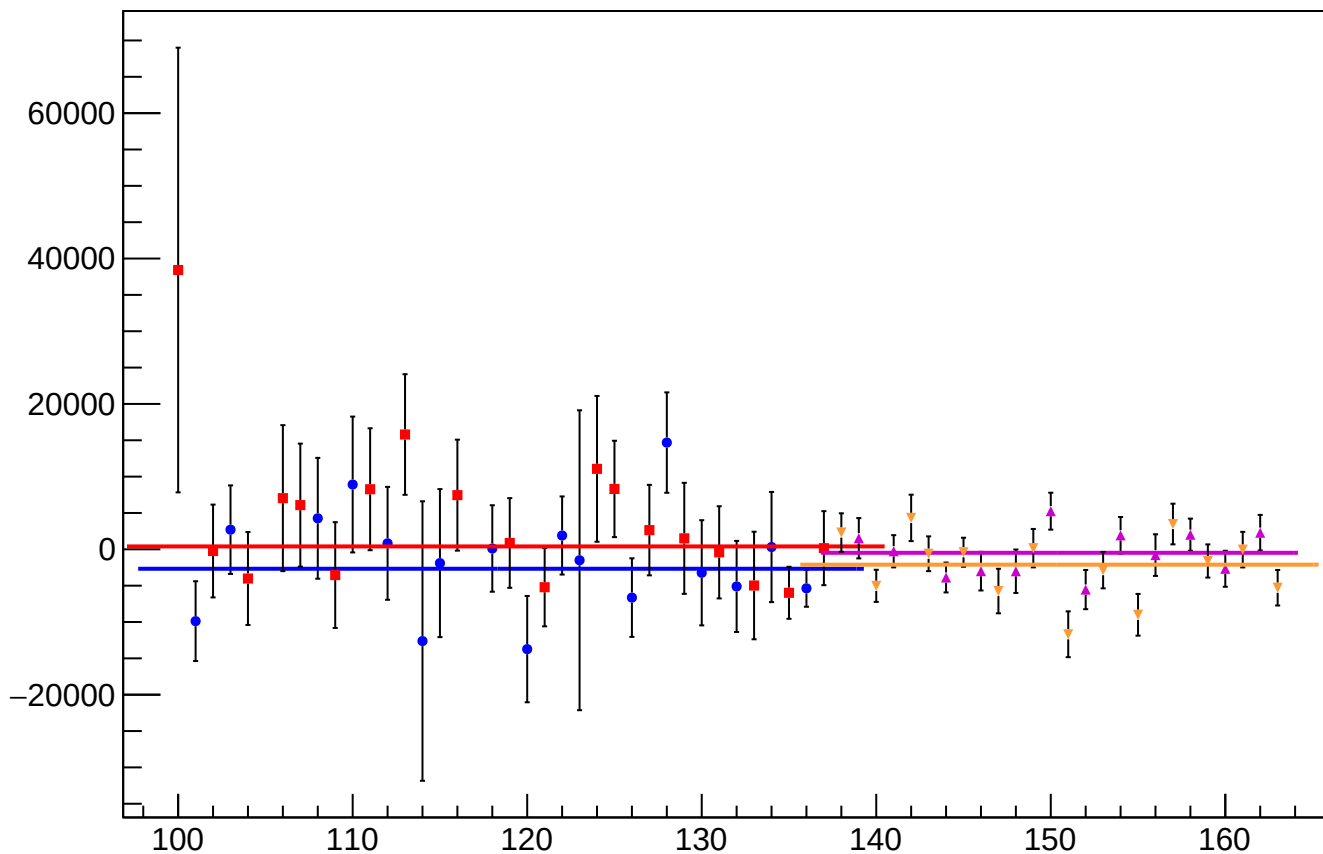
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 324.930 $\pm$ 0.057 χ^2 /NDF: 767526.1/28

Out: 319.954 $\pm$ 0.055 χ^2 /NDF: 1213698.6/32

All: 322.327 $\pm$ 0.040 χ^2 /NDF: 1985180.4/61

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -2110.460 $\pm$ 680.777 χ^2 /NDF:33.4/13

Right Out: 398.443 $\pm$ 1515.968 χ^2 /NDF: 15.9/18

Left In: -478.570 $\pm$ 719.740 χ^2 /NDF:17.7/11

Left: -1339.879 $\pm$ 494.583 χ^2 /NDF: 53.8/25

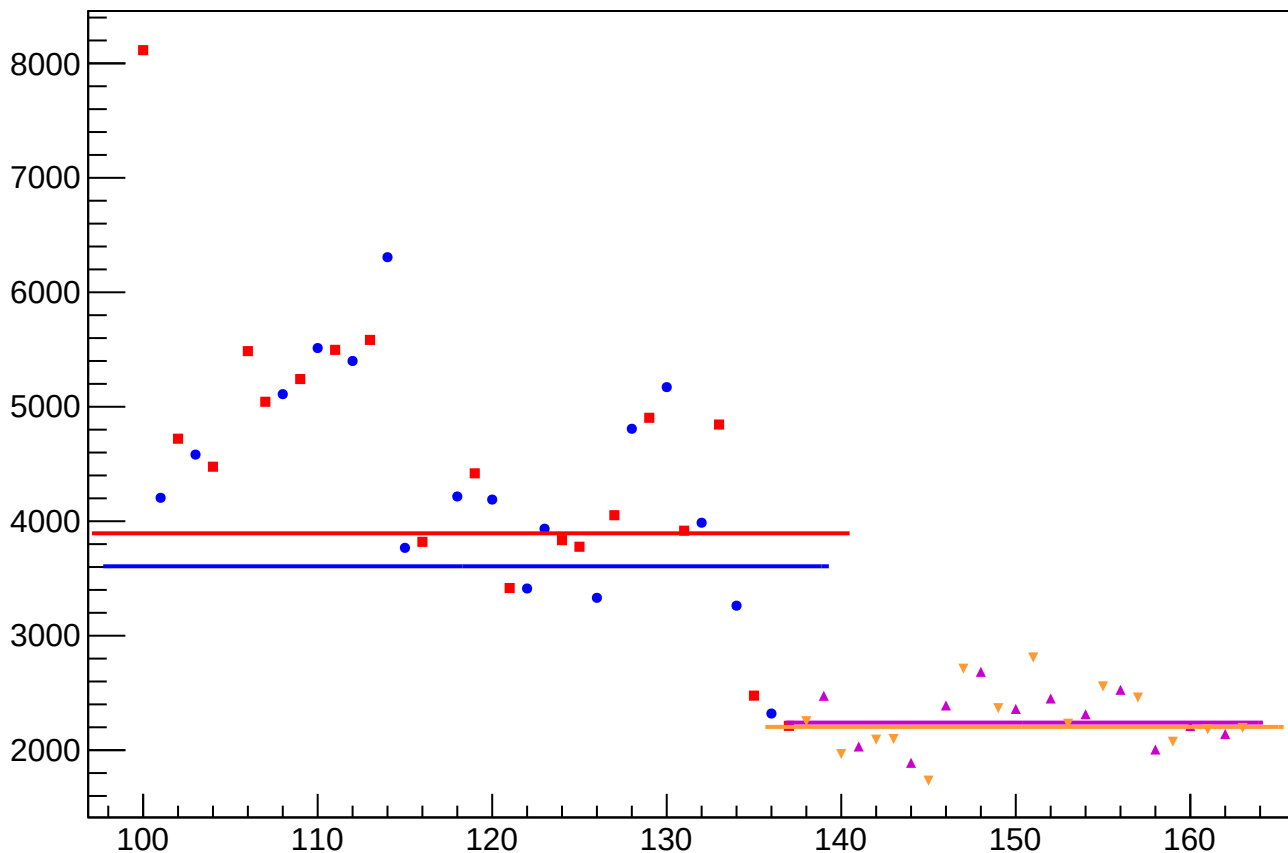
Right: -1199.564 $\pm$ 1050.178 χ^2 /NDF: 34.8/35

In: -909.609 $\pm$ 645.229 χ^2 /NDF:36.3/28

Out: -1689.413 $\pm$ 621.031 χ^2 /NDF:51.6/32

All: -1314.407 $\pm$ 447.445 χ^2 /NDF: 88.6/61

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2203.202+/-0.481 χ^2/NDF : 331764.9/13

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2240.915+/-0.509 χ^2/NDF : 205472.7/11

Left: 2221.010+/-0.350 χ^2/NDF : 540135.7/25

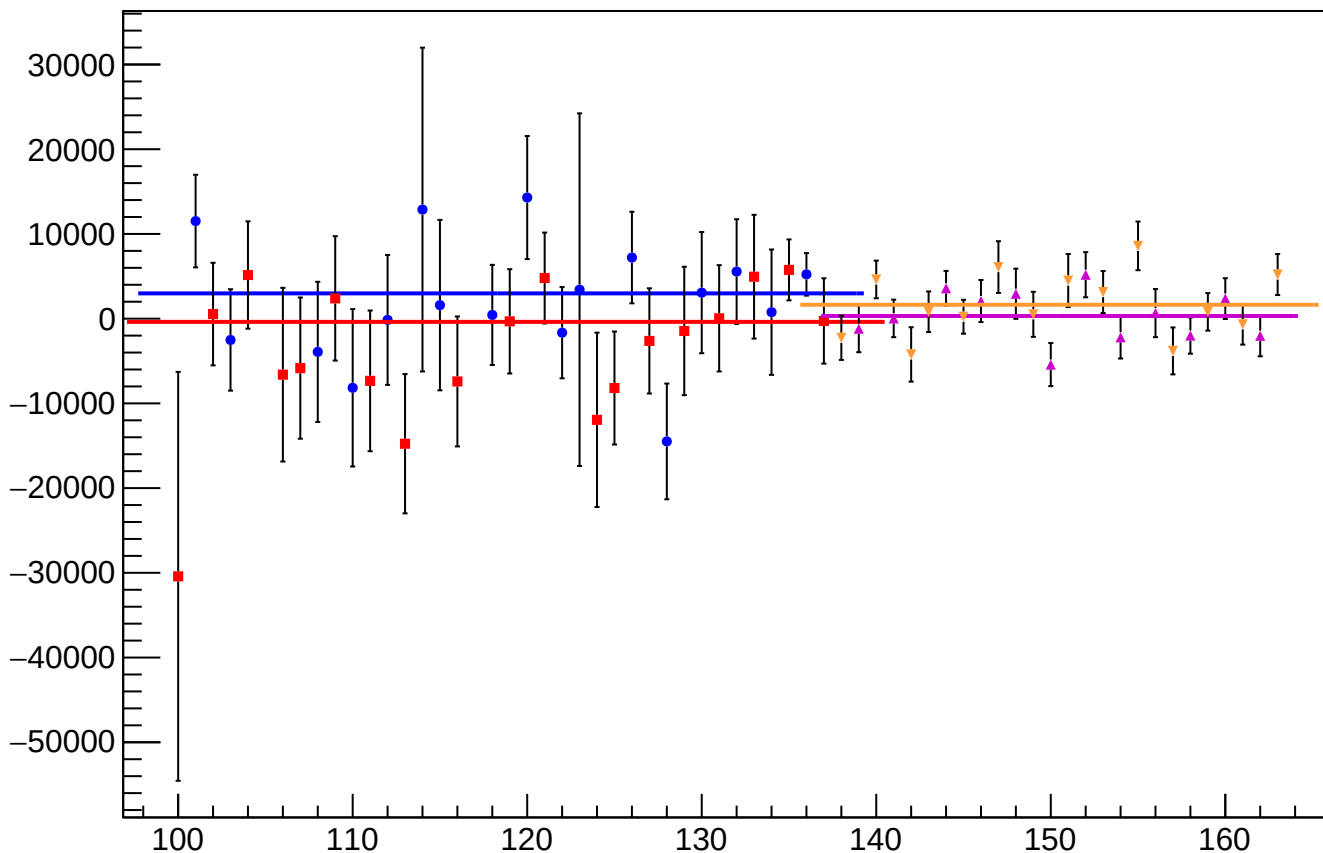
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2508.996+/-0.456 χ^2/NDF : 2711241.5/28

Out: 2487.054+/-0.439 χ^2/NDF : 3436356.7/32

All: 2497.606+/-0.316 χ^2/NDF : 6148798.9/63

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1639.527 $\pm$ 676.491 χ^2 /NDF:24.5/13

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 317.772 $\pm$ 709.412 χ^2 /NDF:16.4/11

Left: 1010.029 $\pm$ 489.576 χ^2 /NDF: 42.7/25

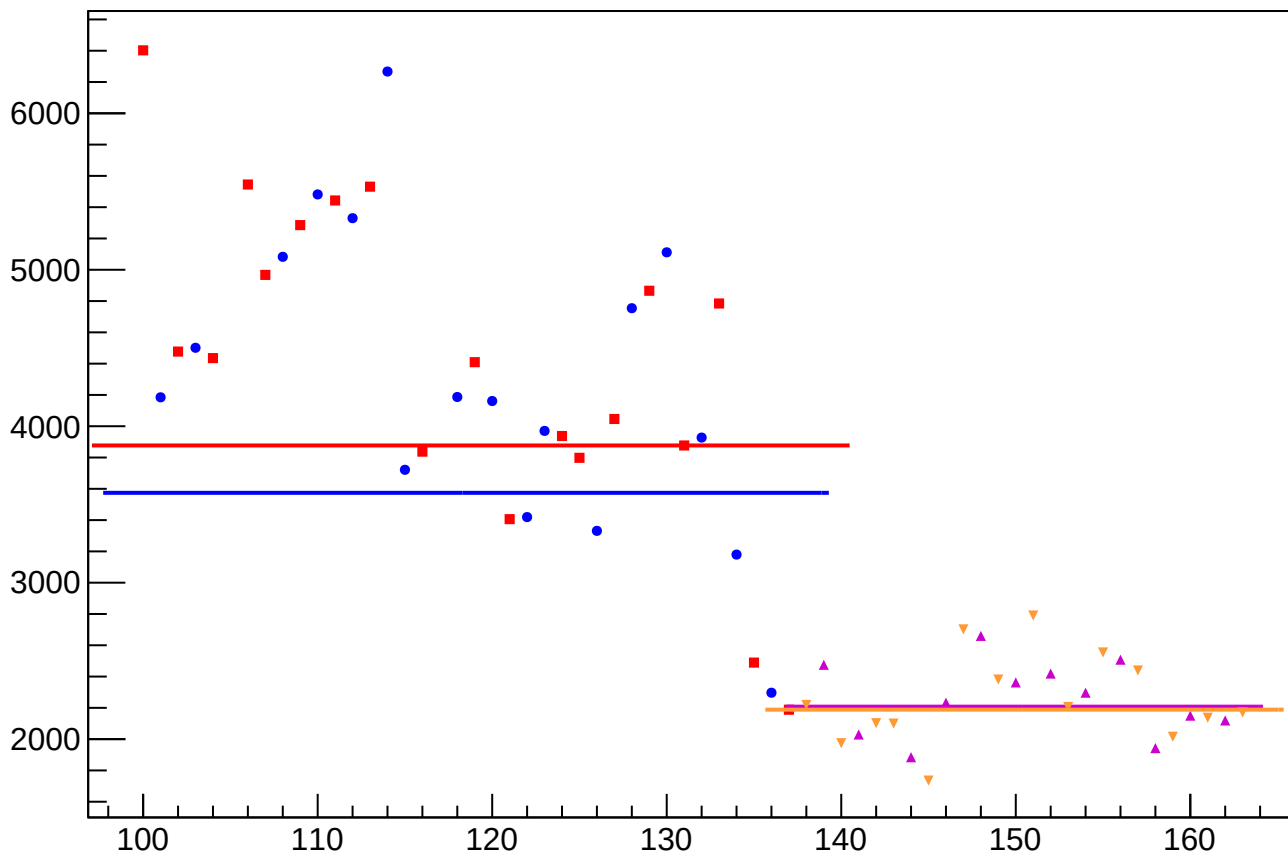
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 836.307 $\pm$ 636.690 χ^2 /NDF:36.6/28

Out: 1301.411 $\pm$ 617.188 χ^2 /NDF:41.0/32

All: 1076.091 $\pm$ 443.152 χ^2 /NDF: 77.9/61

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2188.408+/-0.478 χ^2/NDF : 328969.6/13

Right Out: 3877.124+/-1.066 χ^2/NDF : 990125.2/18

Left In: 2207.639+/-0.502 χ^2/NDF : 207349.8/11

Left: 2197.567+/-0.346 χ^2/NDF : 537089.1/25

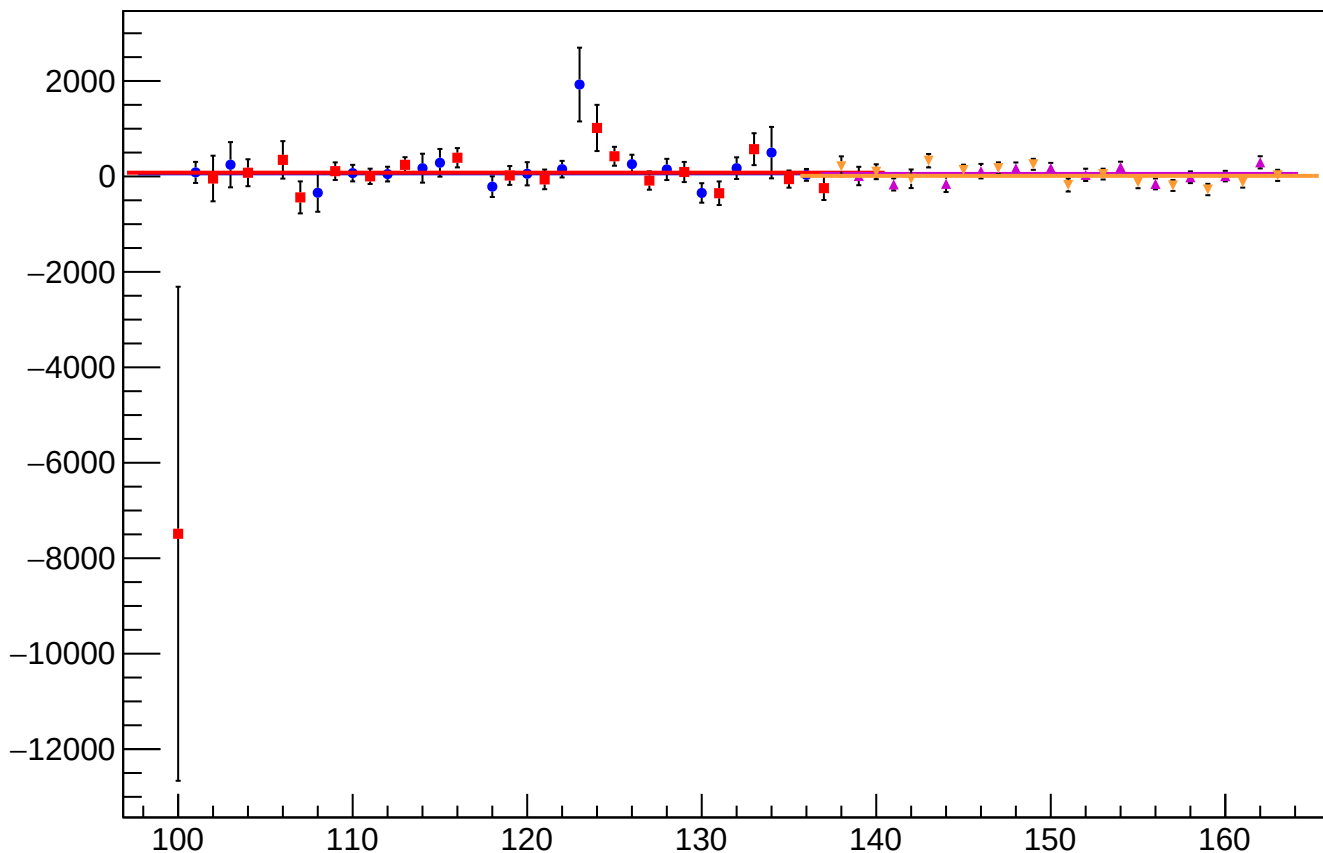
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 2473.482+/-0.450 χ^2/NDF : 2742607.2/28

Out: 2471.506+/-0.436 χ^2/NDF : 3408389.9/32

All: 2472.463+/-0.313 χ^2/NDF : 6151007.1/63

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 12.150+/-34.166 χ^2/NDF : 27.2/13

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 52.316+/-36.693 χ^2/NDF : 15.9/11

Left: 30.802+/-25.005 χ^2/NDF : 43.7/25

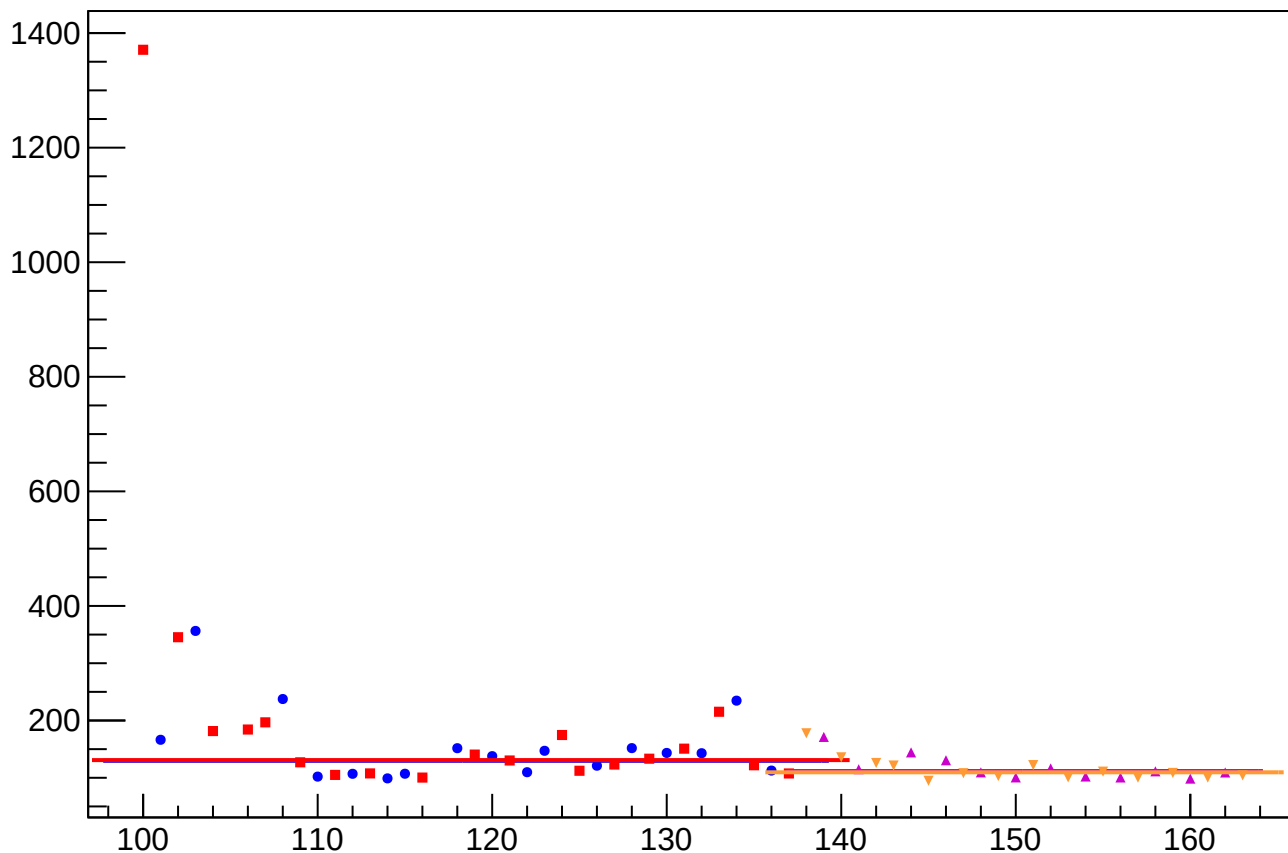
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 56.531+/-30.113 χ^2/NDF : 31.7/28

Out: 32.034+/-28.610 χ^2/NDF : 52.6/32

All: 43.656+/-20.741 χ^2/NDF : 84.6/61

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 109.579 $\pm$ 0.024 χ^2 /NDF: 398236.5/13

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 111.811 $\pm$ 0.026 χ^2 /NDF: 381960.0/11

Left: 110.616 $\pm$ 0.018 χ^2 /NDF: 784158.2/25

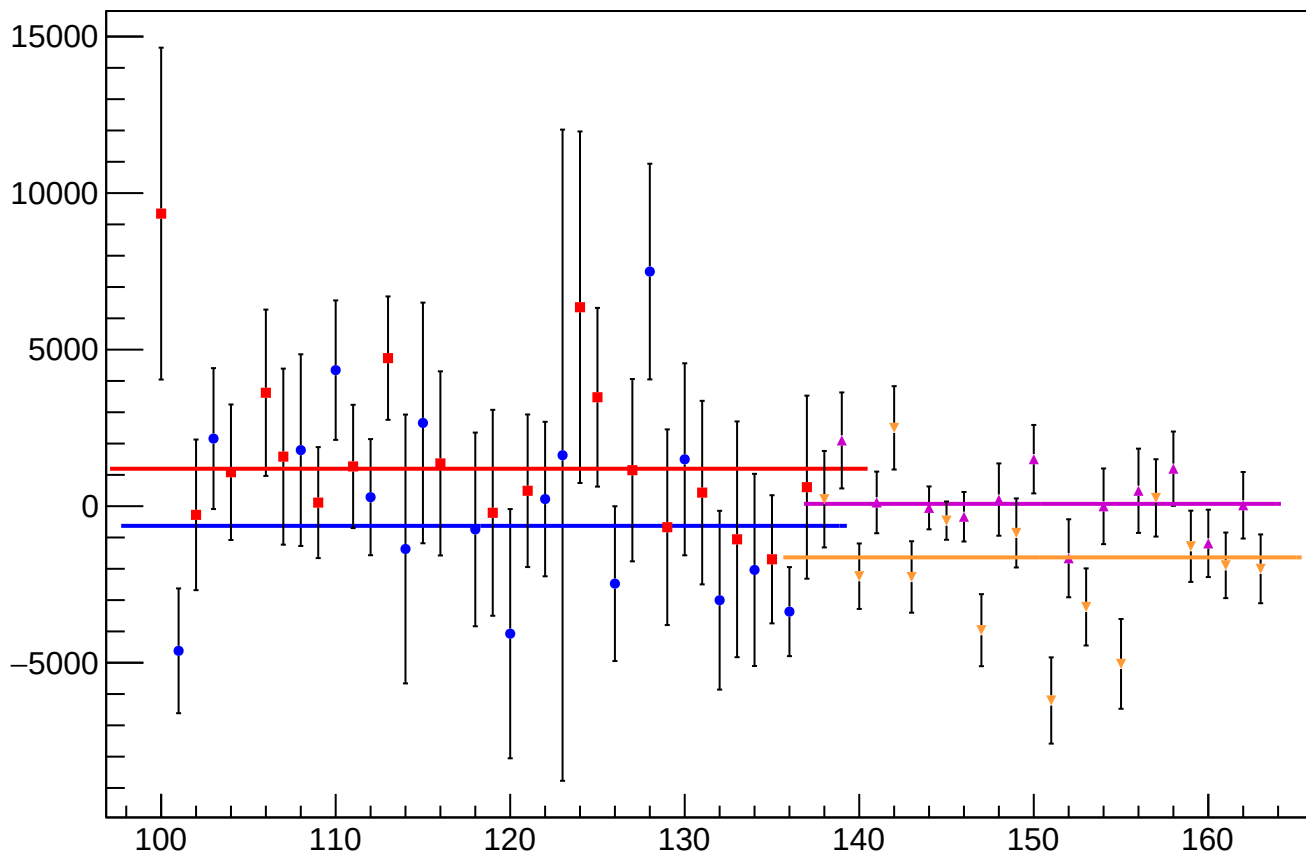
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 117.650 $\pm$ 0.021 χ^2 /NDF: 1526795.3/28

Out: 115.943 $\pm$ 0.020 χ^2 /NDF: 1672784.7/32

All: 116.753 $\pm$ 0.015 χ^2 /NDF: 3202959.0/61

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1635.672 ± 291.520 χ^2/NDF : 40.9/13

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 74.181 ± 299.950 χ^2/NDF : 8.1/11

Left: -805.109 ± 209.052 χ^2/NDF : 65.7/25

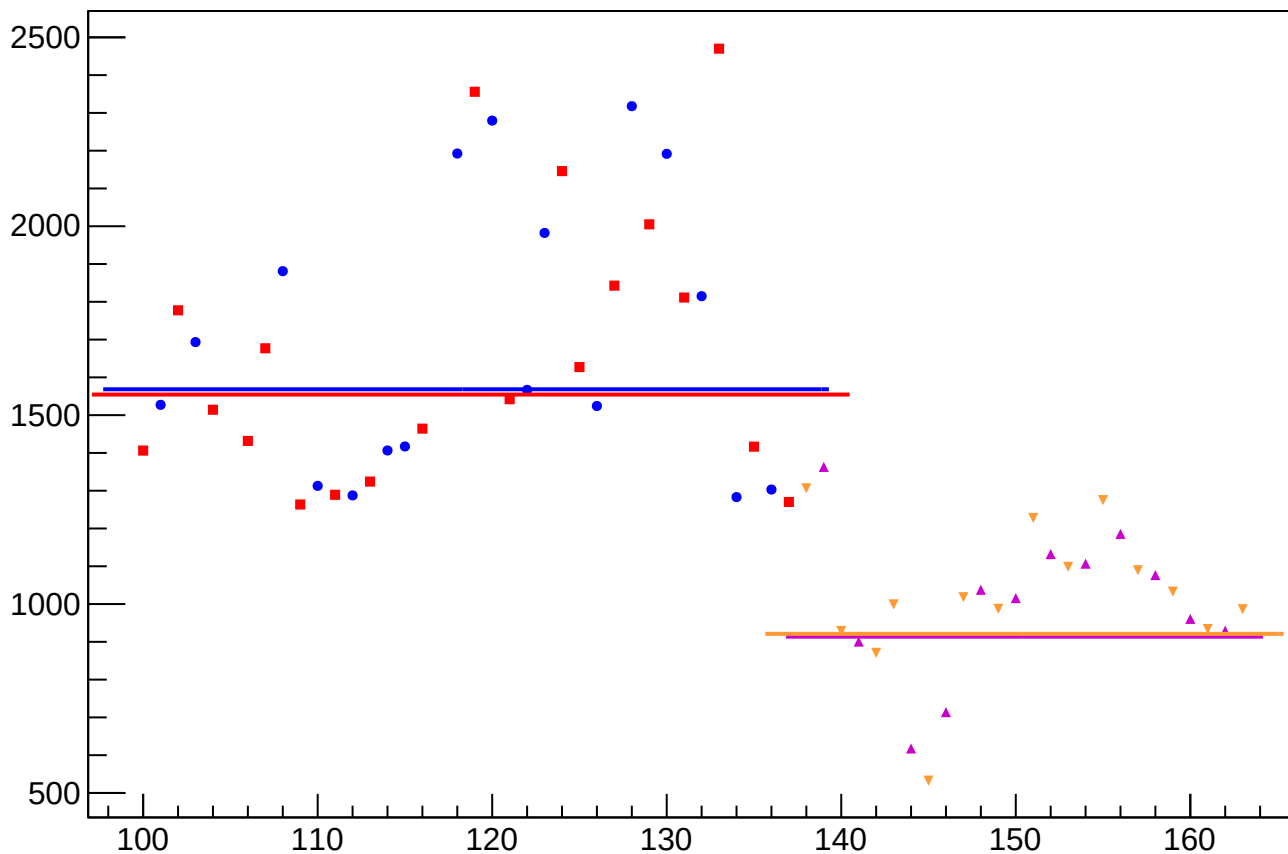
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: -58.513 ± 270.133 χ^2/NDF : 33.4/28

Out: -1088.494 ± 261.846 χ^2/NDF : 70.9/32

All: -589.545 ± 188.015 χ^2/NDF : 111.9/61

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 921.159 $\pm$ 0.206 χ^2 /NDF:1294145.8/13

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 913.704 $\pm$ 0.212 χ^2 /NDF:950038.9/11

Left: 917.538 $\pm$ 0.148 χ^2 /NDF: 2244820.0/25

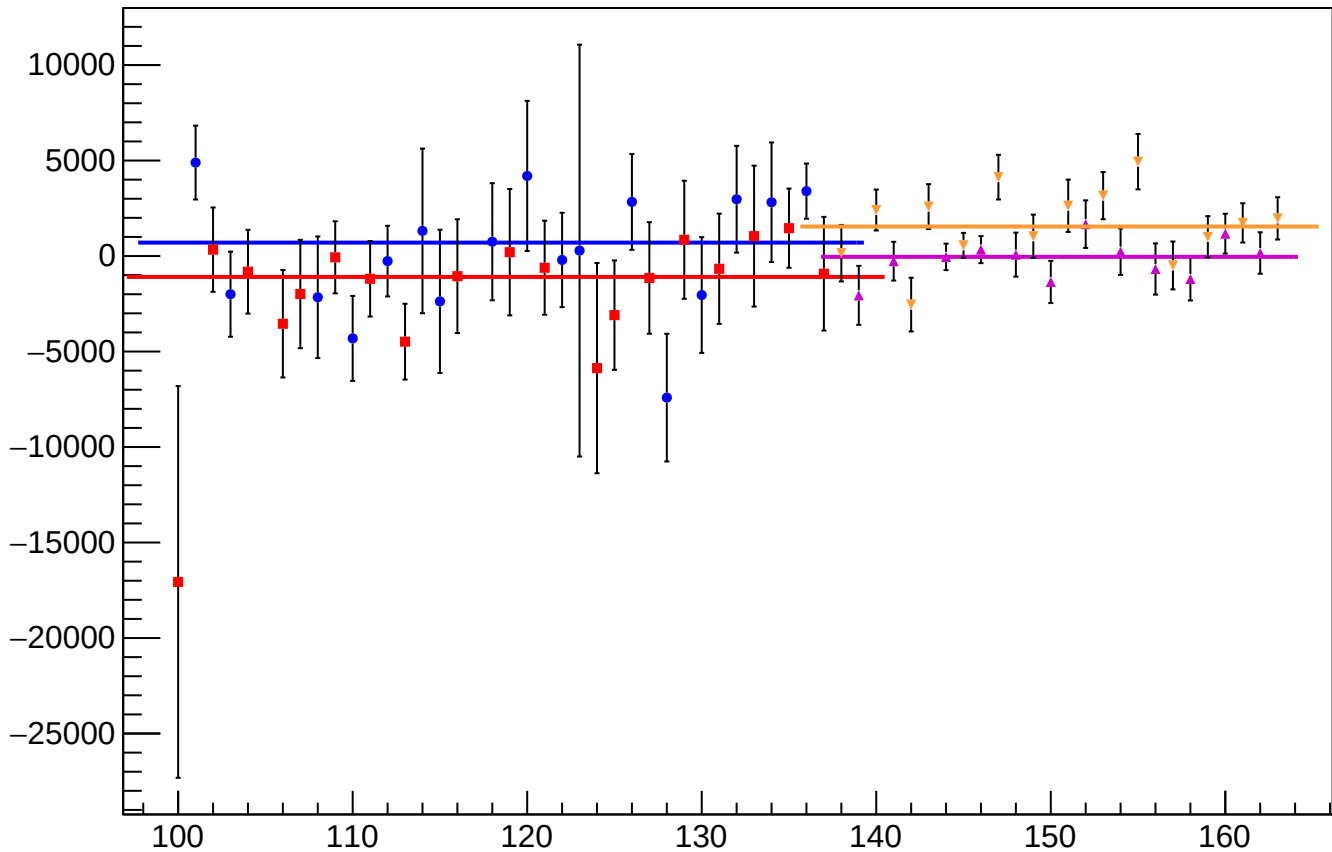
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1037.409 $\pm$ 0.191 χ^2 /NDF:3284818.3/28

Out: 1043.540 $\pm$ 0.185 χ^2 /NDF:3630344.5/32

All: 1040.570 $\pm$ 0.133 χ^2 /NDF: 6915693.9/63

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1545.230 $\pm$ 296.889 χ^2 /NDF:29.1/13

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -42.361 $\pm$ 295.205 χ^2 /NDF:8.1/11

Left: 746.919 $\pm$ 209.334 χ^2 /NDF: 51.5/25

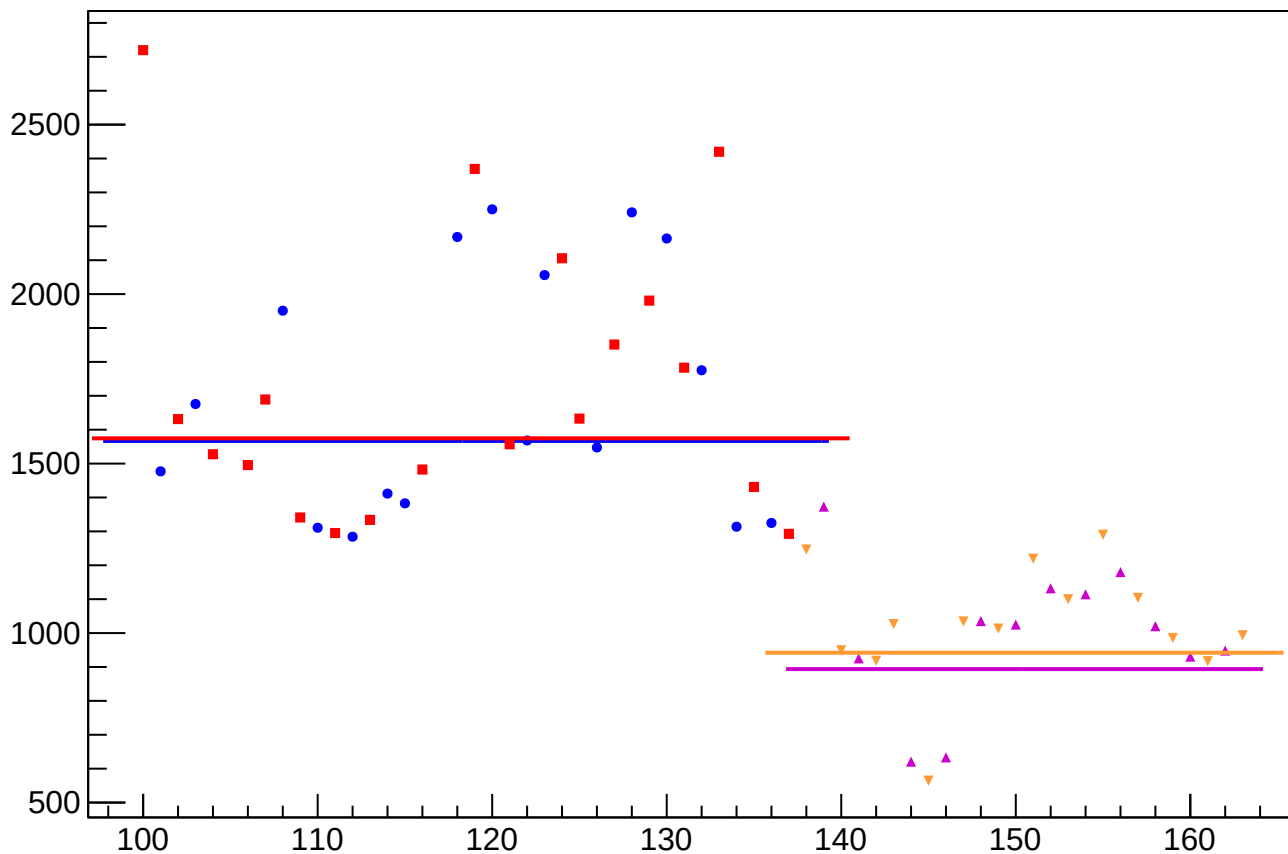
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 95.175 $\pm$ 266.584 χ^2 /NDF:35.2/28

Out: 1030.586 $\pm$ 266.373 χ^2 /NDF:55.1/32

All: 563.251 $\pm$ 188.429 χ^2 /NDF: 96.5/61

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 942.048 $\pm$ 0.210 χ^2 /NDF: 1061643.7/13

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 893.774 $\pm$ 0.209 χ^2 /NDF: 1096940.5/11

Left: 917.774 $\pm$ 0.148 χ^2 /NDF: 2185172.9/25

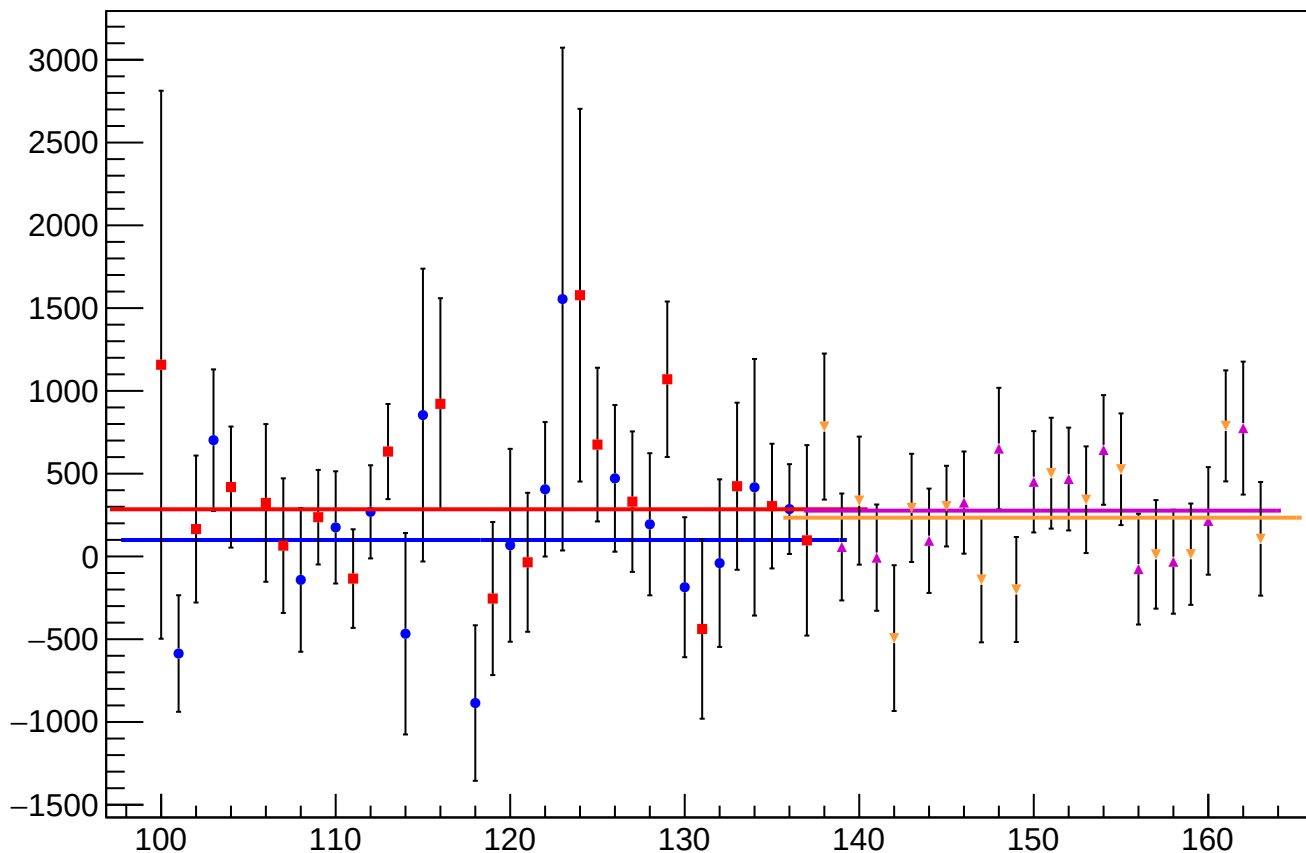
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1017.979 $\pm$ 0.189 χ^2 /NDF: 3515631.2/28

Out: 1065.386 $\pm$ 0.188 χ^2 /NDF: 3295972.2/32

All: 1041.701 $\pm$ 0.133 χ^2 /NDF: 6843252.6/63

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 234.168 $\pm$ 89.509 χ^2 /NDF:12.7/13

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 276.711 $\pm$ 94.406 χ^2 /NDF:8.2/11

Left: 254.307 $\pm$ 64.955 χ^2 /NDF: 21.0/25

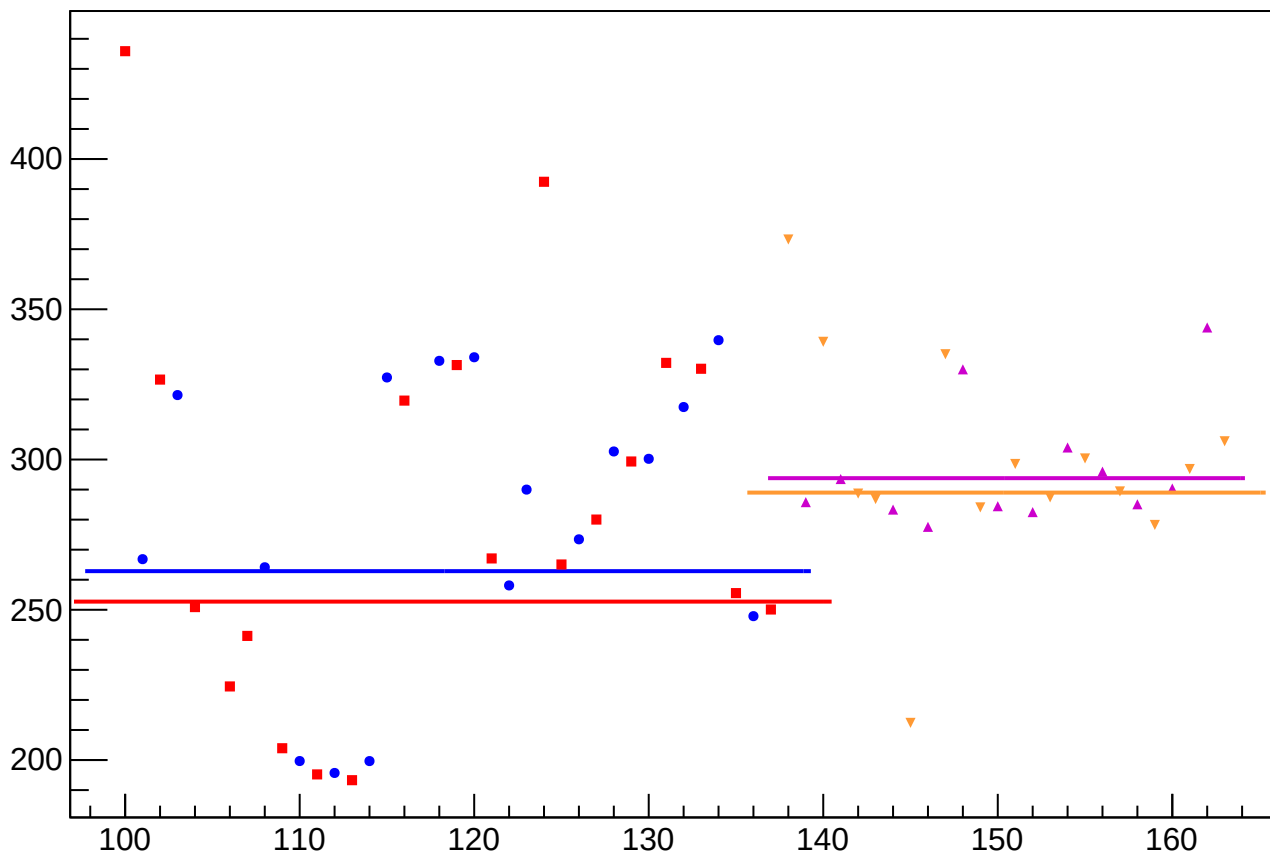
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 196.149 $\pm$ 69.738 χ^2 /NDF:25.8/28

Out: 257.308 $\pm$ 66.001 χ^2 /NDF:26.8/32

All: 228.411 $\pm$ 47.937 χ^2 /NDF: 53.0/61

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 288.997 ± 0.063 χ^2/NDF : 347088.4/13

Right Out: 252.720 ± 0.069 χ^2/NDF : 539727.3/18

Left In: 293.799 ± 0.067 χ^2/NDF : 67827.6/11

Left: 291.270 ± 0.046 χ^2/NDF : 417641.2/25

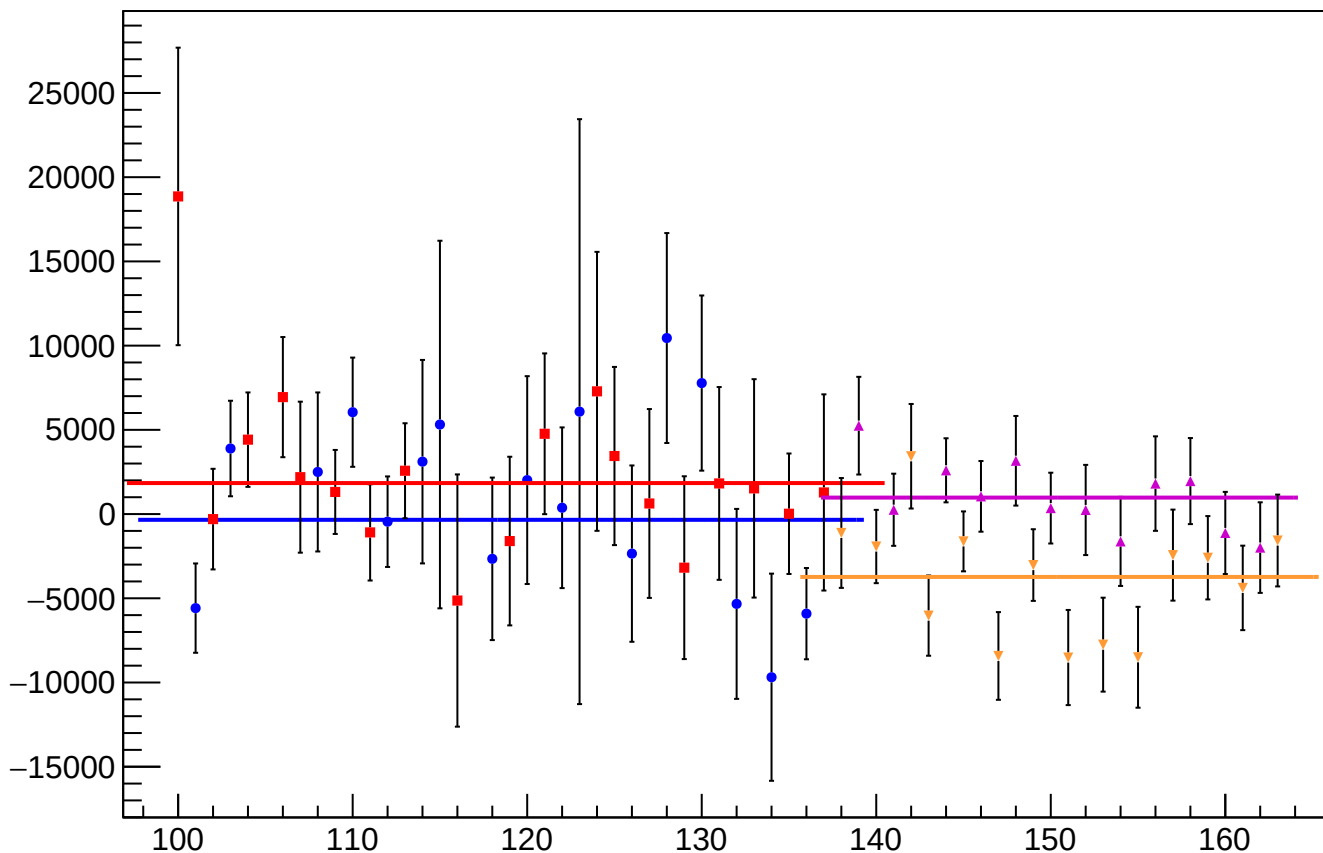
Right: 257.498 ± 0.050 χ^2/NDF : 961572.8/35

In: 279.741 ± 0.049 χ^2/NDF : 577140.6/28

Out: 272.445 ± 0.047 χ^2/NDF : 1036715.6/32

All: 275.892 ± 0.034 χ^2/NDF : 1625406.0/61

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3732.339 ± 669.763 χ^2/NDF : 21.0/13

Right Out: 1840.596 ± 924.746 χ^2/NDF : 11.7/18

Left In: 977.667 ± 693.748 χ^2/NDF : 7.0/11

Left: -1460.162 ± 481.850 χ^2/NDF : 51.8/25

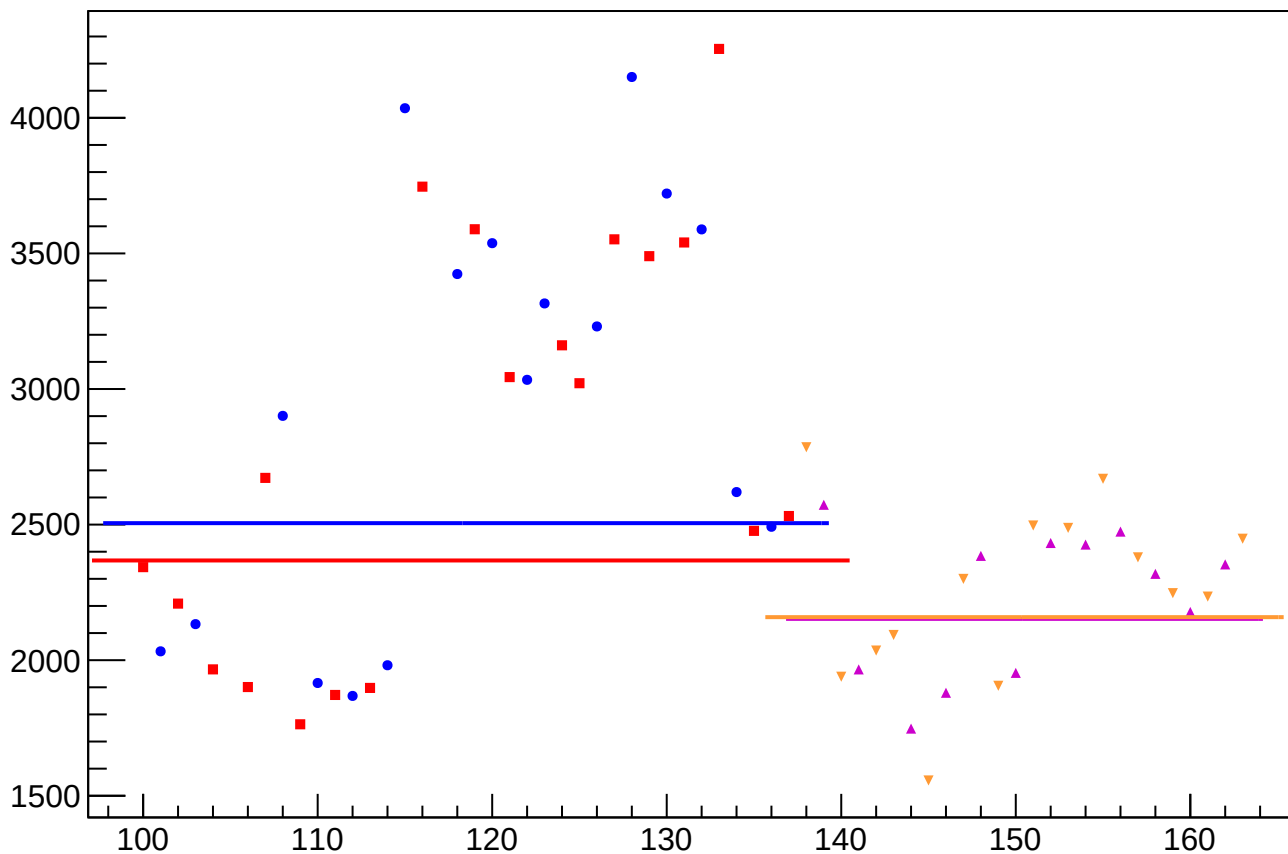
Right: 839.728 ± 680.387 χ^2/NDF : 38.7/35

In: 551.714 ± 570.864 χ^2/NDF : 32.6/28

Out: -1814.835 ± 542.436 χ^2/NDF : 56.5/32

All: -691.950 ± 393.226 χ^2/NDF : 98.1/61

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2158.669+/-0.474 χ^2/NDF : 517133.7/13

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2152.367+/-0.491 χ^2/NDF : 304185.5/11

Left: 2155.629+/-0.341 χ^2/NDF : 821404.6/25

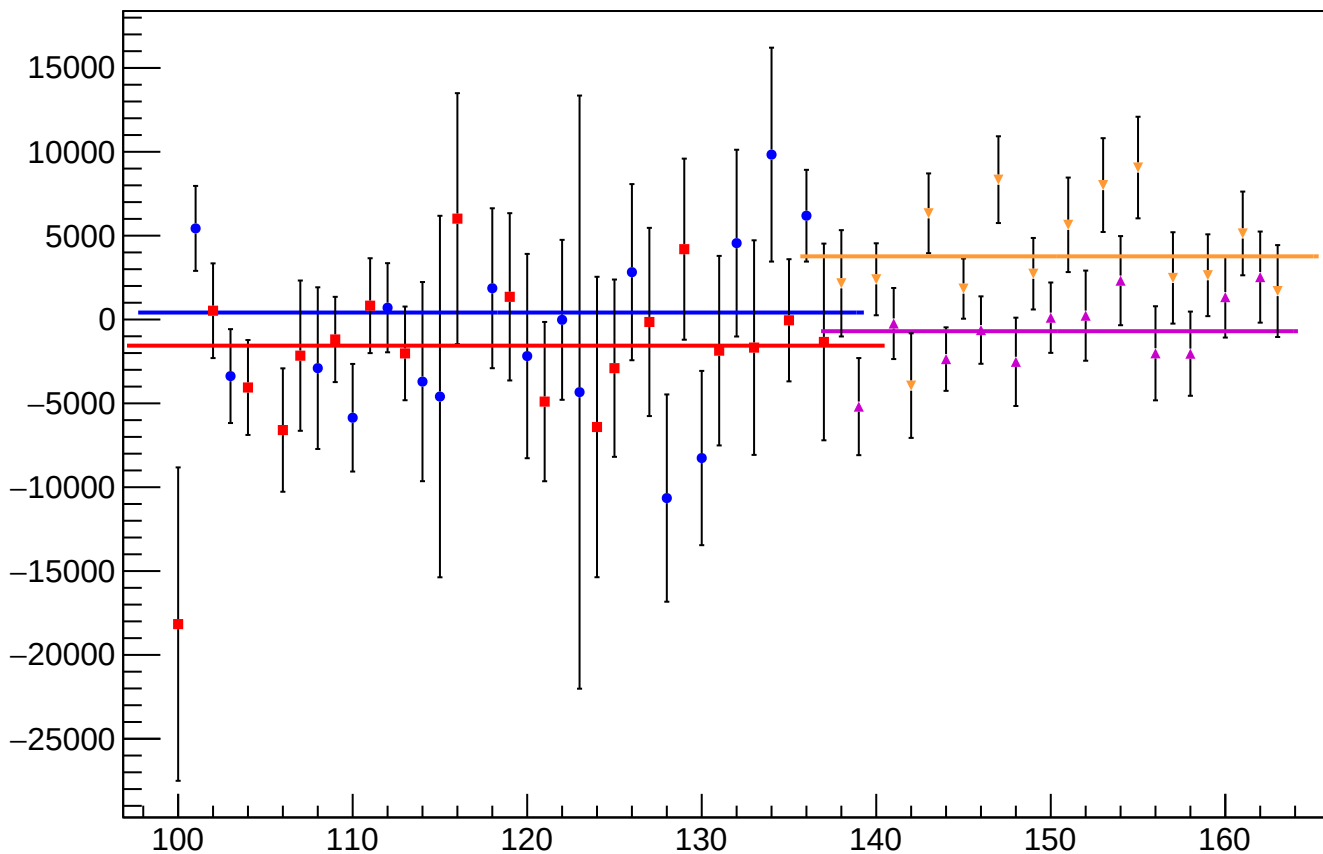
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2266.334+/-0.404 χ^2/NDF : 1335478.9/28

Out: 2230.602+/-0.384 χ^2/NDF : 1615077.3/32

All: 2247.556+/-0.278 χ^2/NDF : 2954674.1/63

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 3766.701 ± 668.913 $\chi^2/\text{NDF}: 19.6/13$

Right Out: -1558.787 ± 924.438 $\chi^2/\text{NDF}: 10.7/18$

Left In: -697.331 ± 687.951 $\chi^2/\text{NDF}: 7.9/11$

Left: 1597.307 ± 479.582 $\chi^2/\text{NDF}: 49.1/25$

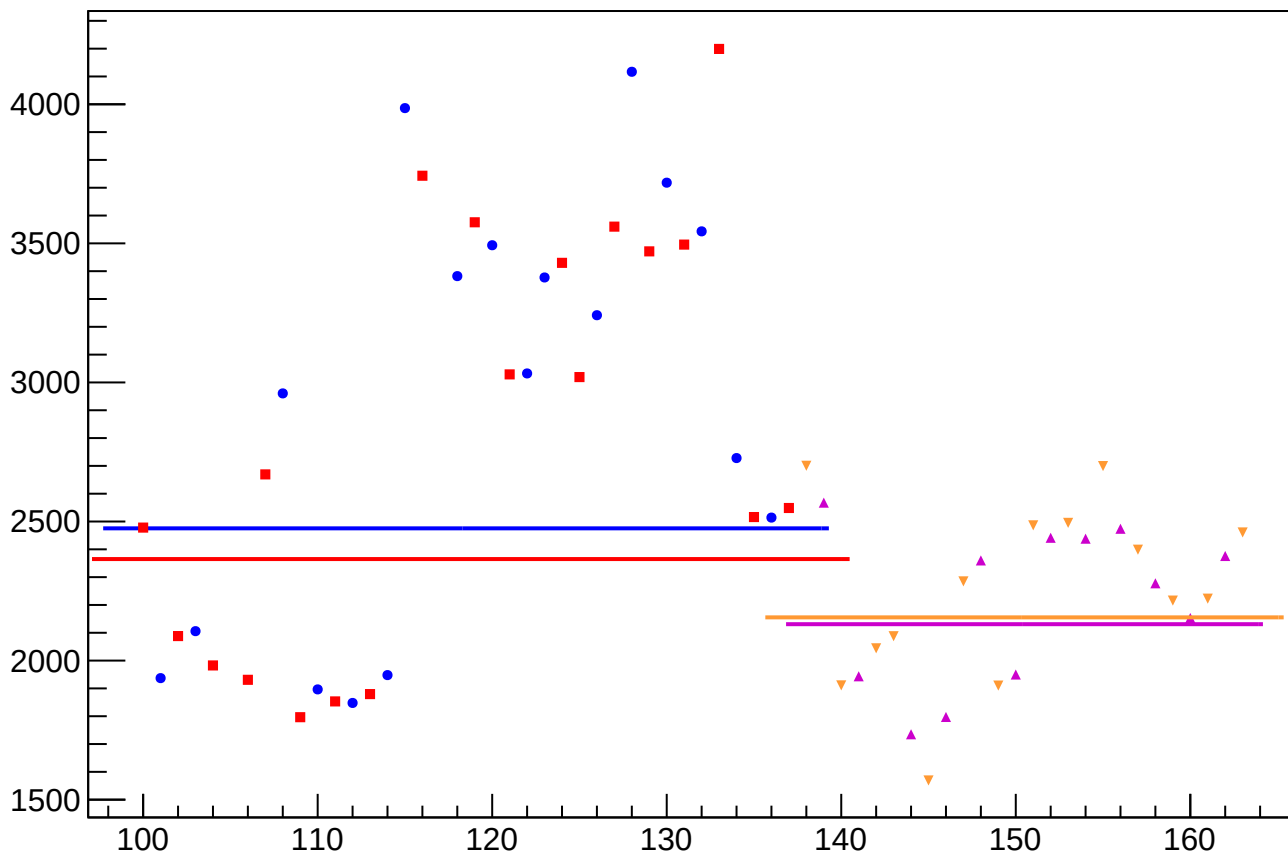
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -337.349 ± 565.850 $\chi^2/\text{NDF}: 33.2/28$

Out: 1936.590 ± 541.922 $\chi^2/\text{NDF}: 52.1/32$

All: 848.715 ± 391.383 $\chi^2/\text{NDF}: 93.7/61$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2155.385+/-0.473 χ^2/NDF : 499014.6/13

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2130.869+/-0.486 χ^2/NDF : 340341.8/11

Left: 2143.471+/-0.339 χ^2/NDF : 840662.0/25

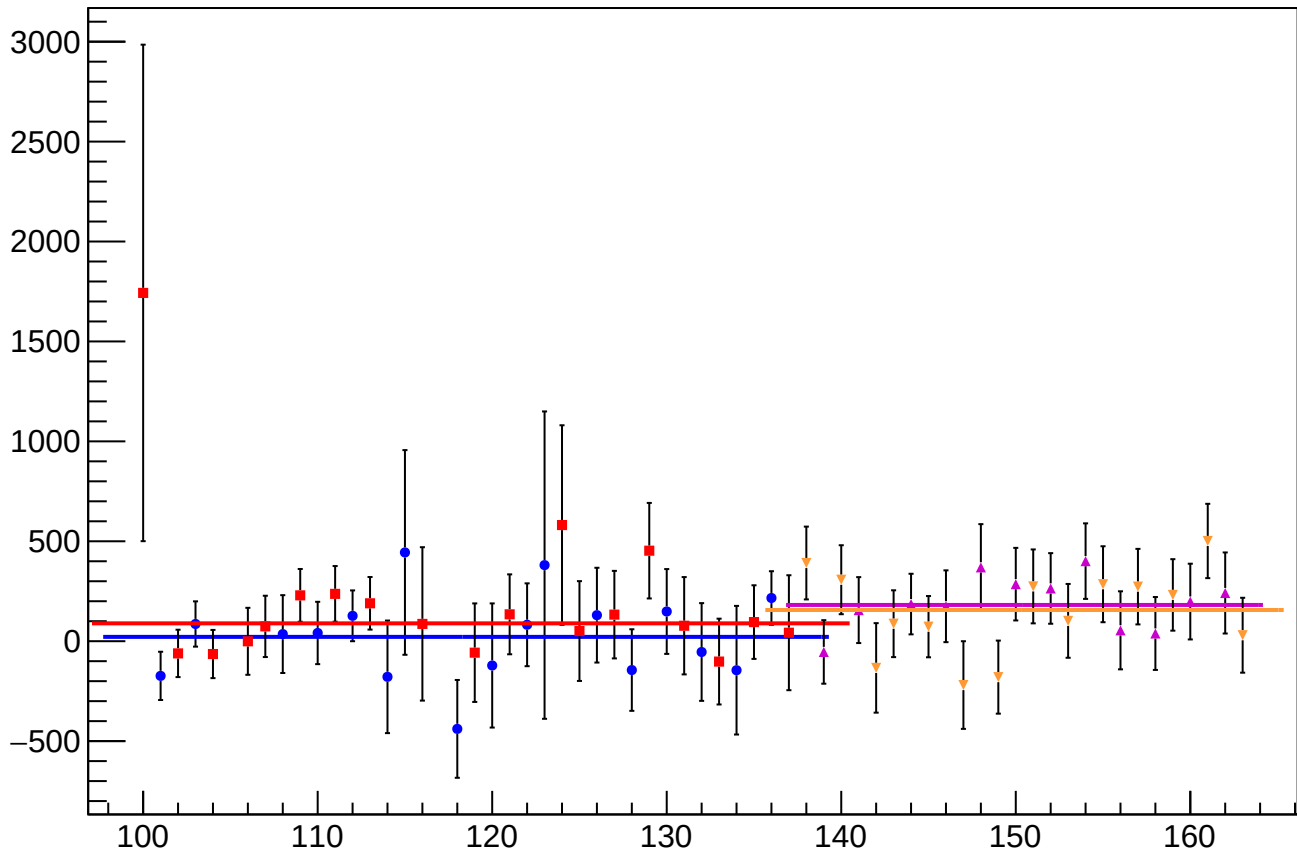
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2242.325+/-0.400 χ^2/NDF : 1415705.5/28

Out: 2227.428+/-0.383 χ^2/NDF : 1593694.6/32

All: 2234.555+/-0.277 χ^2/NDF : 3010123.1/63

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 156.091 $\pm$ 49.054 χ^2/NDF :16.3/13

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 181.407 $\pm$ 51.917 χ^2/NDF :6.0/11

Left: 168.032 $\pm$ 35.655 χ^2/NDF : 22.4/25

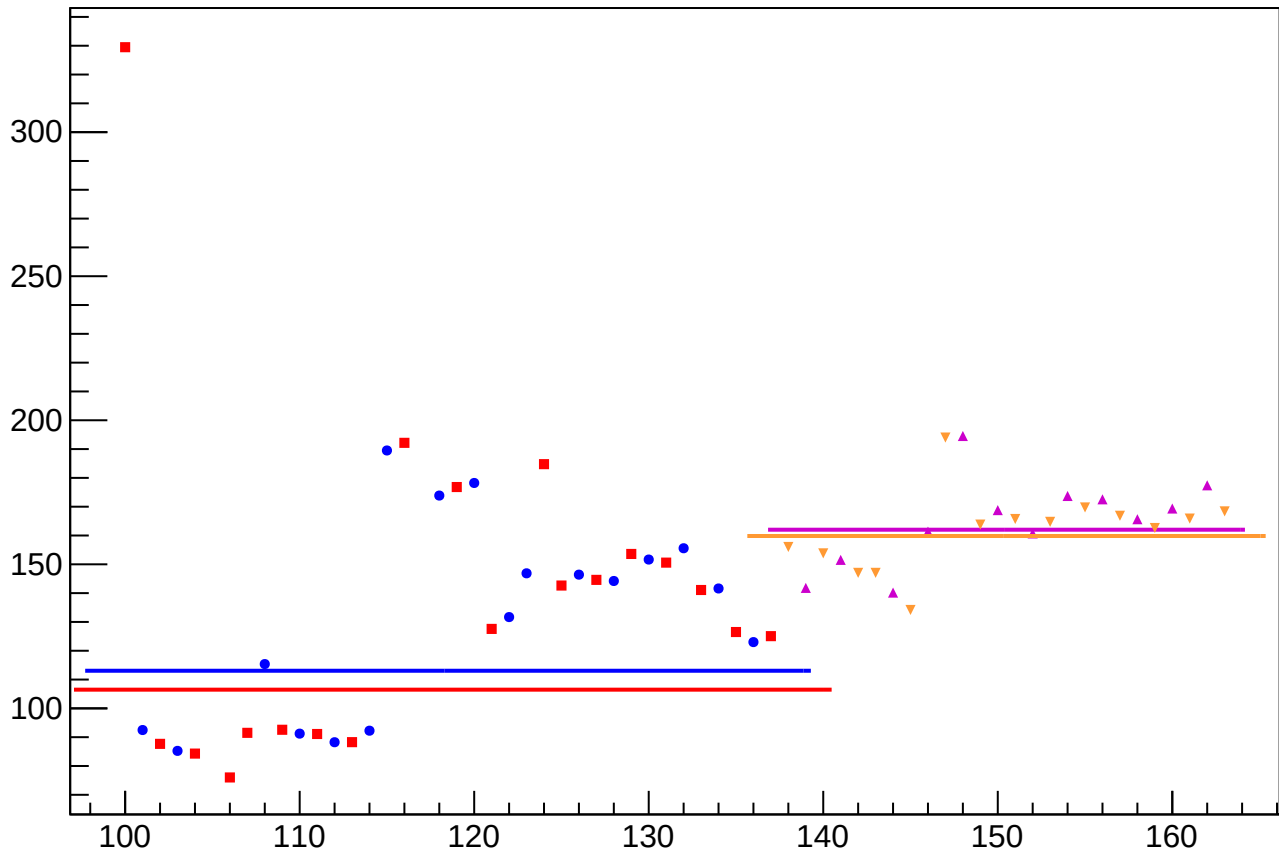
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 90.456 $\pm$ 34.072 χ^2/NDF :24.0/28

Out: 117.406 $\pm$ 31.817 χ^2/NDF :30.1/32

All: 104.852 $\pm$ 23.254 χ^2/NDF : 54.4/61

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 159.827+/-0.035 χ^2/NDF :145533.4/13

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 162.012+/-0.037 χ^2/NDF :158816.2/11

Left: 160.858+/-0.025 χ^2/NDF : 306221.5/25

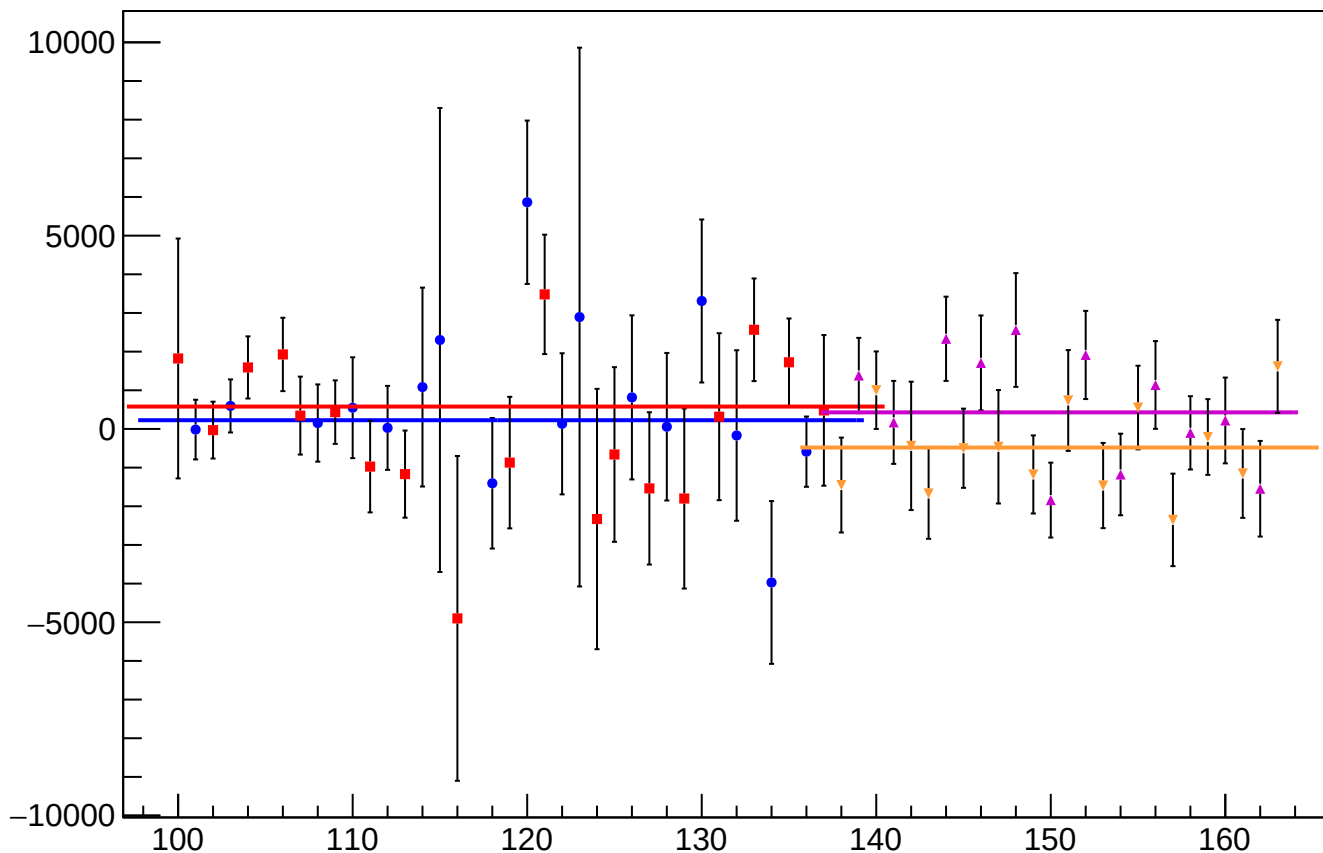
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 134.143+/-0.024 χ^2/NDF :1991949.5/28

Out: 128.930+/-0.022 χ^2/NDF :2531389.4/32

All: 131.359+/-0.016 χ^2/NDF : 4548342.6/61

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -480.654 $\pm$ 307.128 χ^2/NDF :12.8/13

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 428.904 $\pm$ 316.518 χ^2/NDF :20.0/11

Left: -39.566 $\pm$ 220.417 χ^2/NDF : 37.1/25

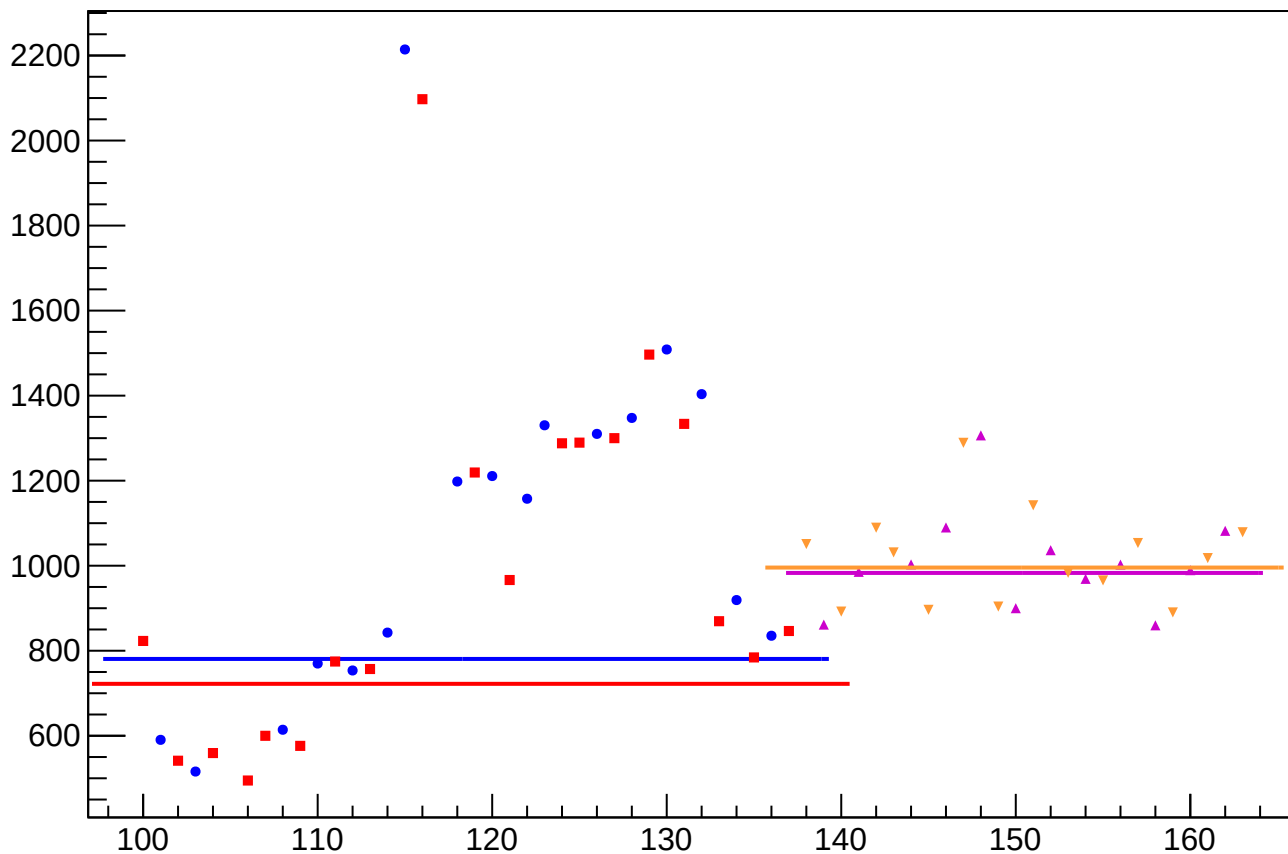
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 328.829 $\pm$ 225.522 χ^2/NDF :36.2/28

Out: 80.948 $\pm$ 210.562 χ^2/NDF :40.3/32

All: 196.394 $\pm$ 153.907 χ^2/NDF : 77.1/61

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 995.633 $\pm$ 0.217 χ^2 /NDF:214066.8/13

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 982.985 $\pm$ 0.224 χ^2 /NDF:210439.2/11

Left: 989.499 $\pm$ 0.156 χ^2 /NDF: 426151.1/25

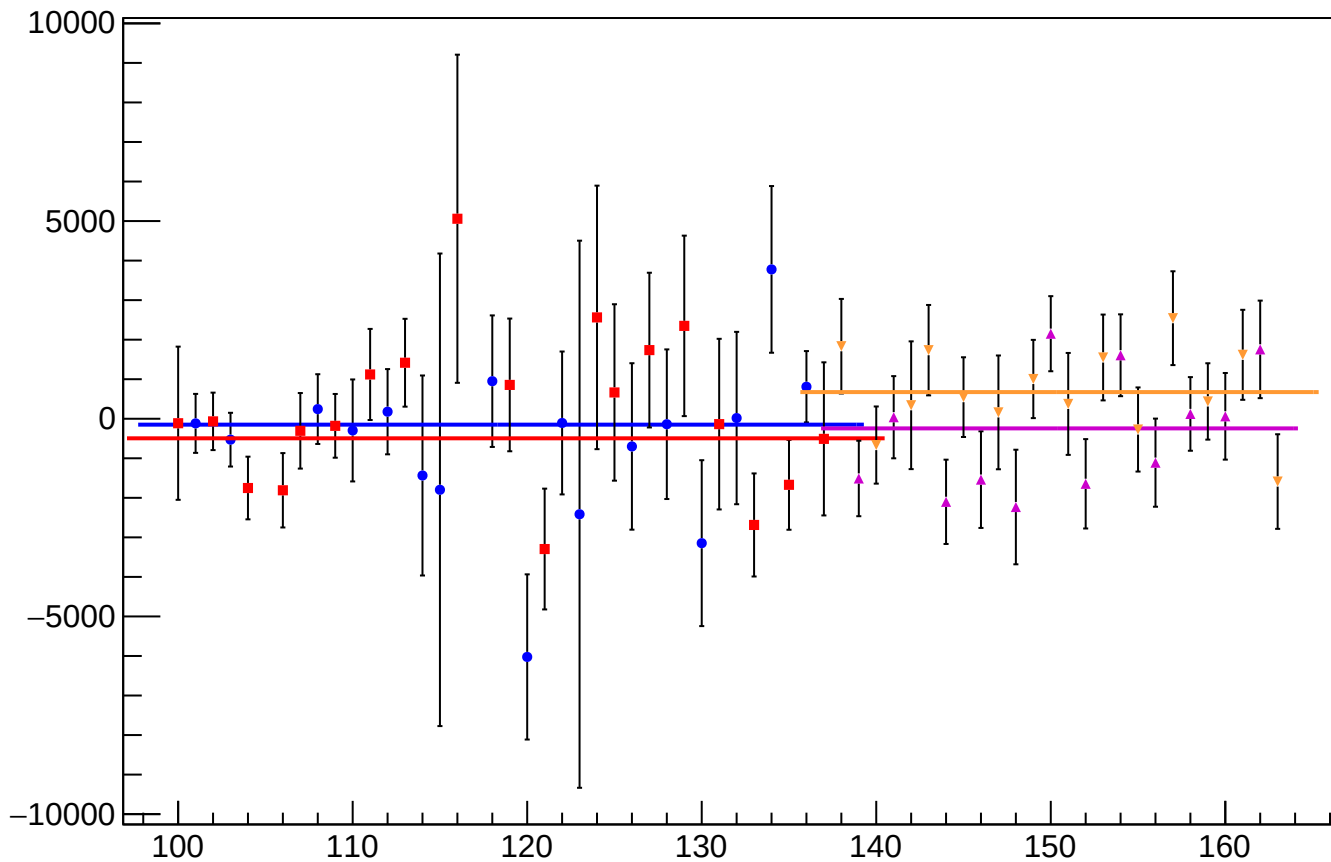
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 883.394 $\pm$ 0.159 χ^2 /NDF:2222124.3/28

Out: 850.692 $\pm$ 0.149 χ^2 /NDF:2683284.2/32

All: 865.923 $\pm$ 0.109 χ^2 /NDF: 4927876.1/61

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 674.426 ± 301.878 $\chi^2/\text{NDF}: 12.3/13$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -243.843 ± 311.242 $\chi^2/\text{NDF}: 22.4/11$

Left: 229.314 ± 216.695 $\chi^2/\text{NDF}: 39.2/25$

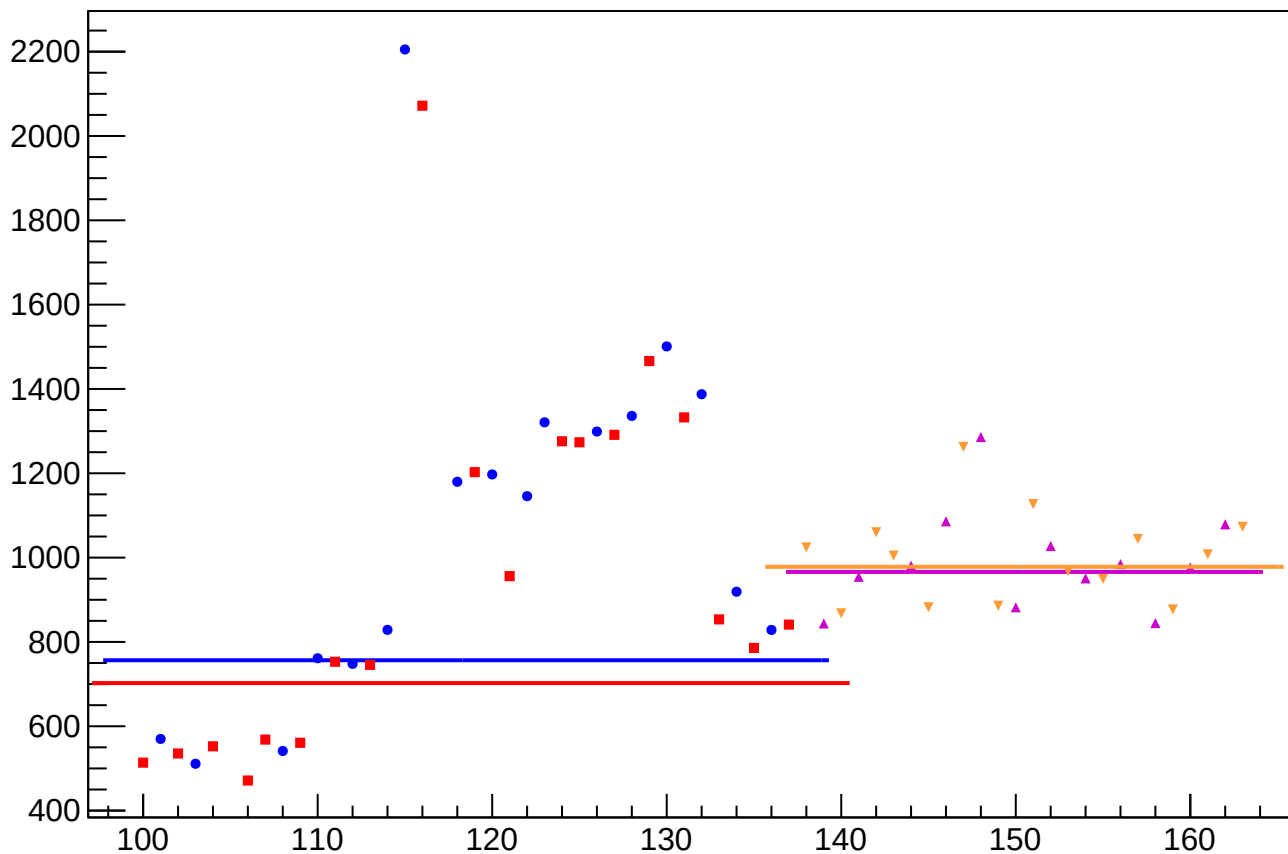
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -196.764 ± 220.688 $\chi^2/\text{NDF}: 38.6/28$

Out: 51.510 ± 206.354 $\chi^2/\text{NDF}: 43.9/32$

All: -64.303 ± 150.727 $\chi^2/\text{NDF}: 83.2/61$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 978.174+/-0.213 χ^2/NDF : 218930.6/13

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 966.063+/-0.220 χ^2/NDF : 223645.7/11

Left: 972.303+/-0.153 χ^2/NDF : 444136.7/25

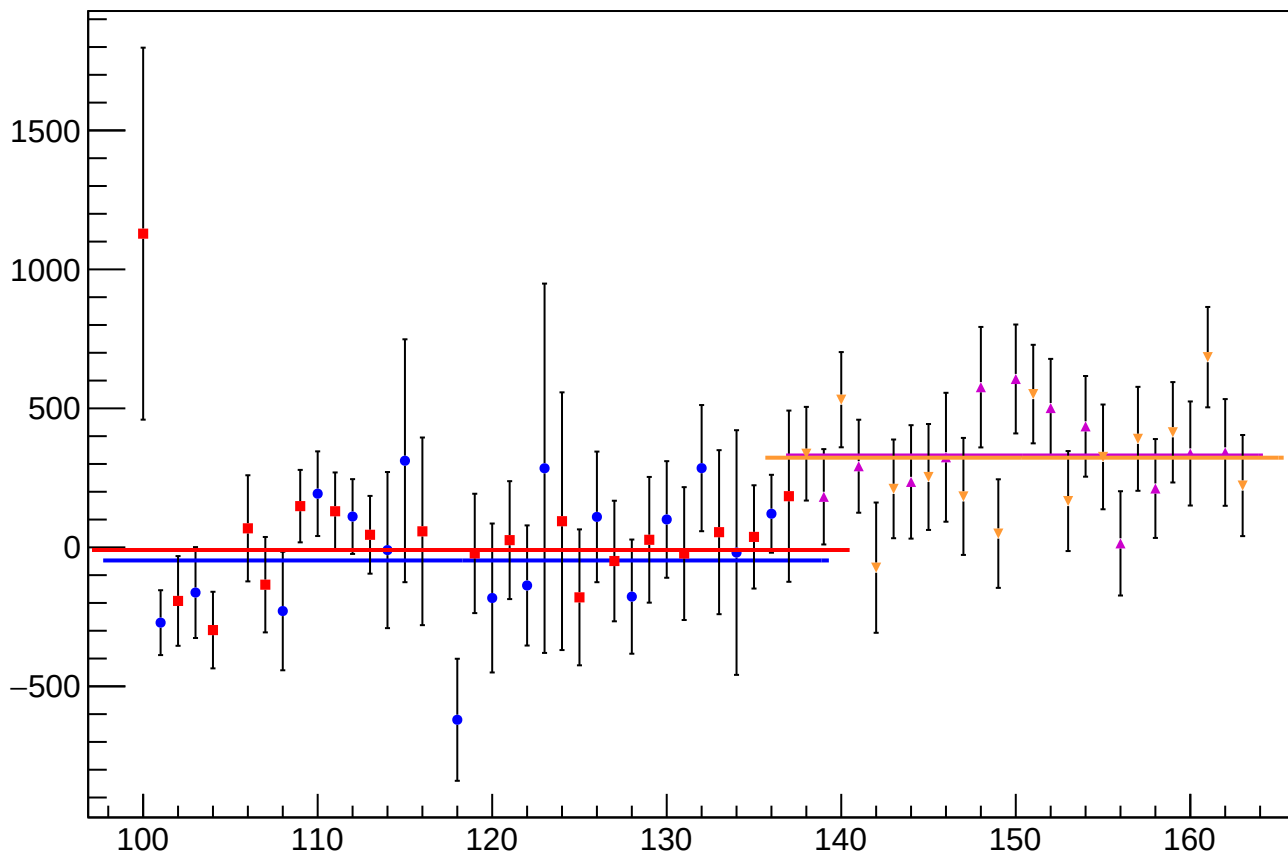
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 861.878+/-0.156 χ^2/NDF : 2387968.3/28

Out: 831.283+/-0.146 χ^2/NDF : 2797210.7/32

All: 845.555+/-0.107 χ^2/NDF : 5205687.5/61

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 322.551 ± 49.591 $\chi^2/\text{NDF}: 14.4/13$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 330.491 ± 54.409 $\chi^2/\text{NDF}: 8.8/11$

Left: 326.154 ± 36.651 $\chi^2/\text{NDF}: 23.2/25$

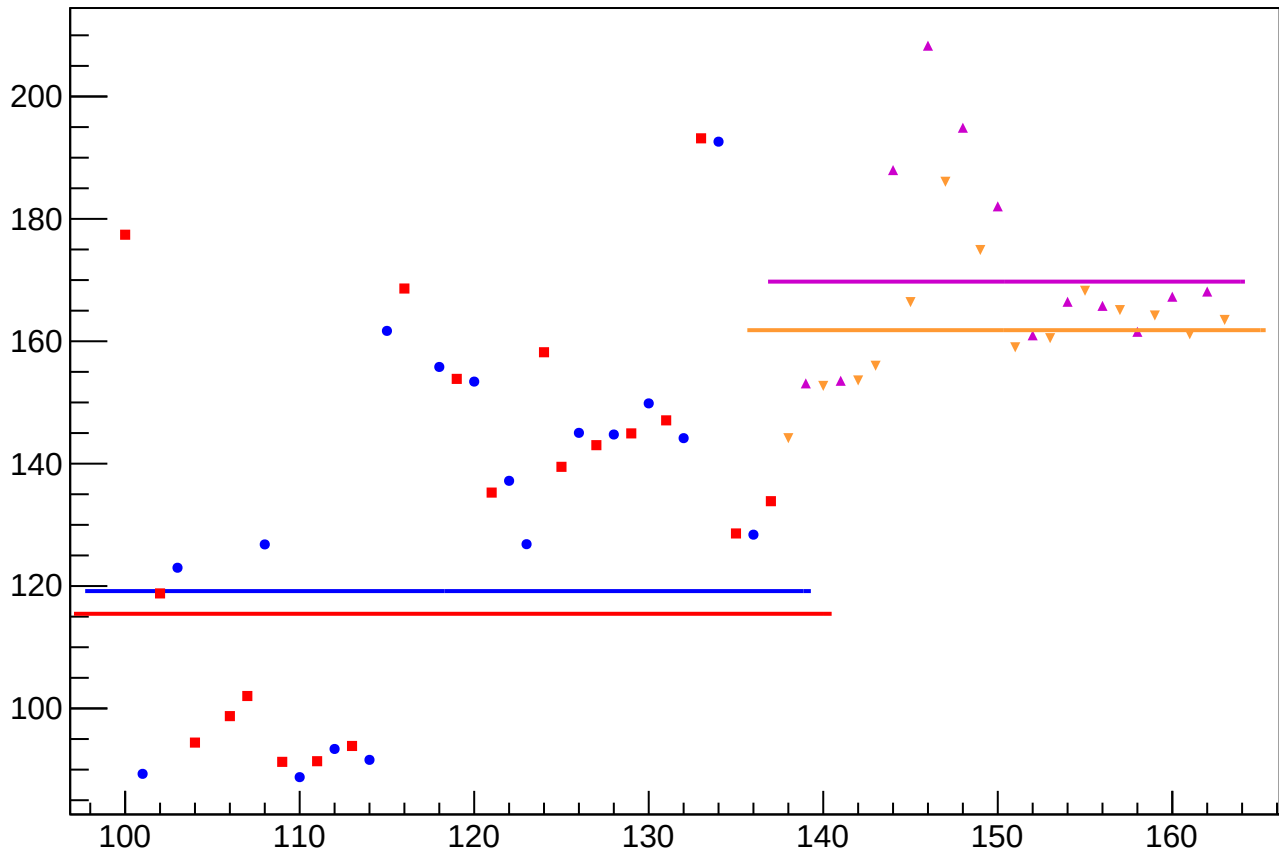
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 115.278 ± 35.683 $\chi^2/\text{NDF}: 58.2/28$

Out: 139.524 ± 33.223 $\chi^2/\text{NDF}: 52.1/32$

All: 128.266 ± 24.315 $\chi^2/\text{NDF}: 110.6/61$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.813+/-0.035 χ^2/NDF : 73018.4/13

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 169.748+/-0.038 χ^2/NDF : 154821.5/11

Left: 165.414+/-0.026 χ^2/NDF : 251071.8/25

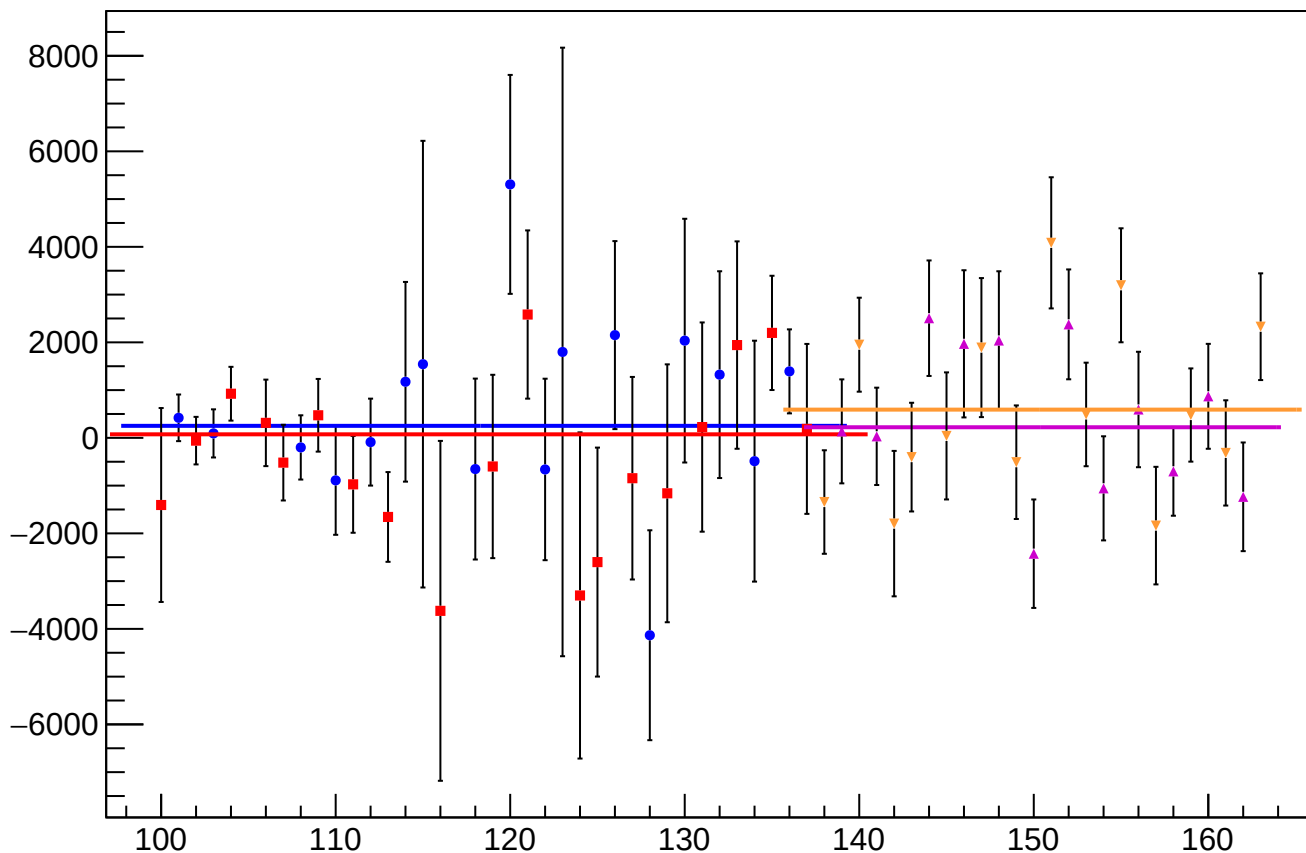
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 140.928+/-0.025 χ^2/NDF : 1754826.1/28

Out: 136.267+/-0.023 χ^2/NDF : 1728700.4/32

All: 138.431+/-0.017 χ^2/NDF : 3501800.9/61

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 591.256+/-312.370 χ^2/NDF : 28.4/13

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 222.133+/-329.641 χ^2/NDF : 19.9/11

Left: 416.617+/-226.739 χ^2/NDF : 48.9/25

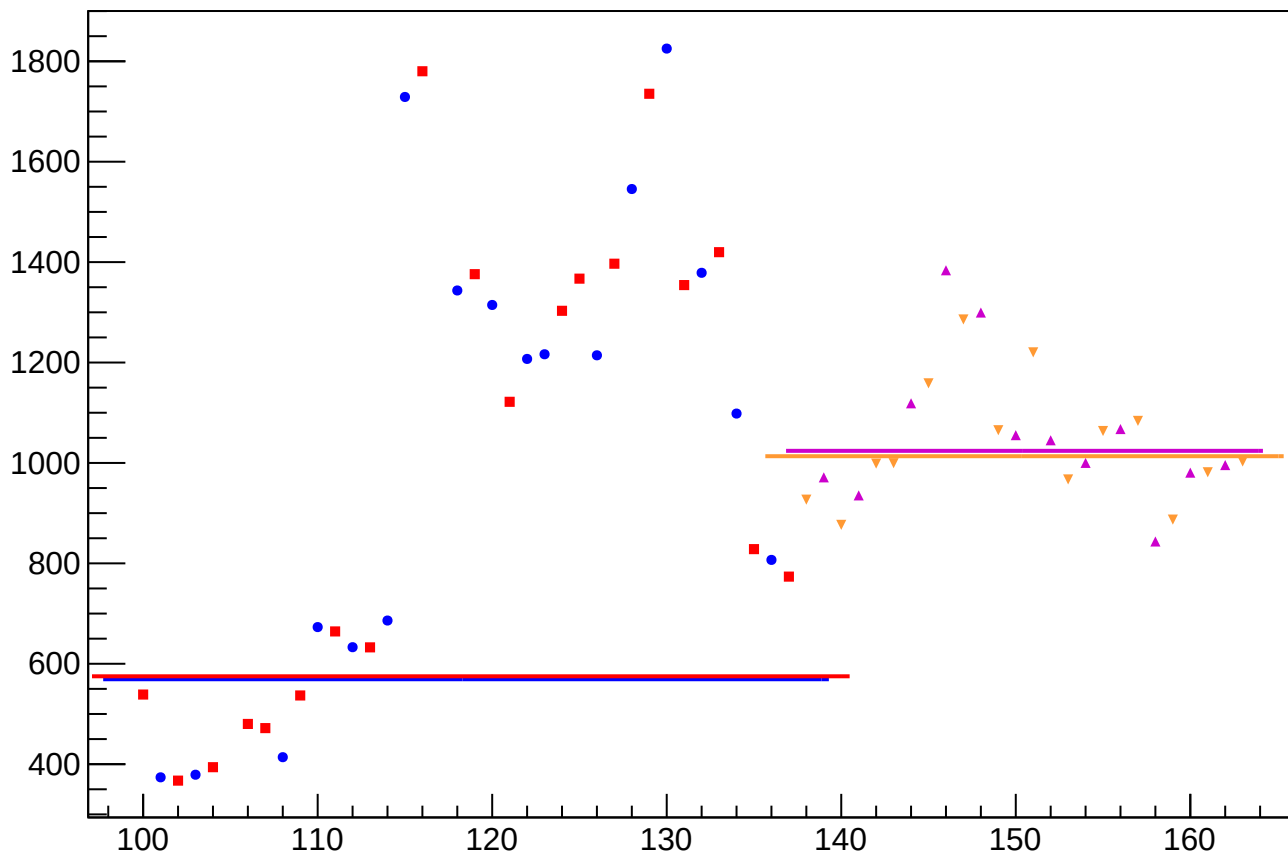
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 240.770+/-200.611 χ^2/NDF : 34.7/28

Out: 270.055+/-192.274 χ^2/NDF : 48.1/32

All: 256.034+/-138.812 χ^2/NDF : 82.8/61

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1013.411 $\pm$ 0.221 χ^2 /NDF:243906.0/13

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1024.116 $\pm$ 0.233 χ^2 /NDF:298790.0/11

Left: 1018.476 $\pm$ 0.160 χ^2 /NDF: 543807.4/25

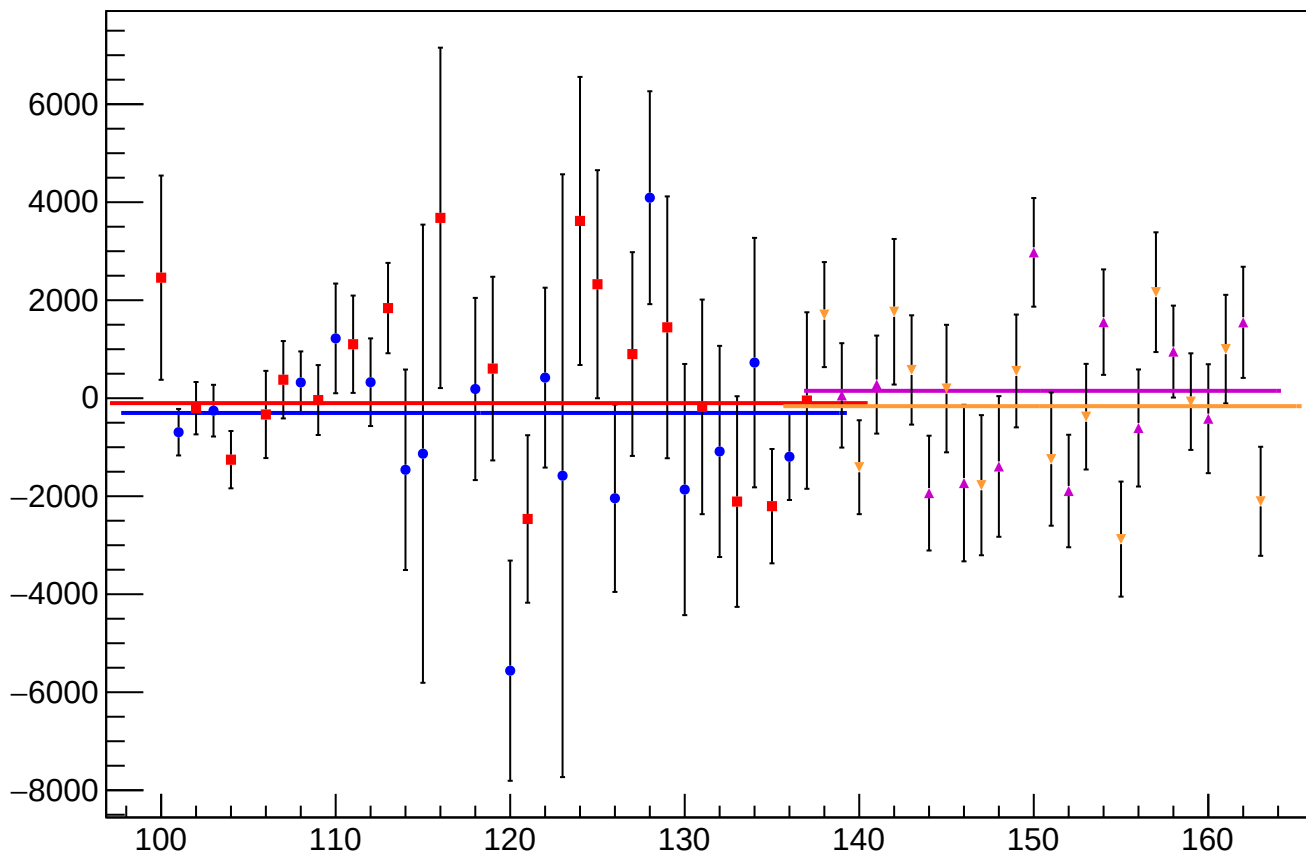
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 737.684 $\pm$ 0.142 χ^2 /NDF:5964128.8/28

Out: 741.136 $\pm$ 0.136 χ^2 /NDF:5749231.9/32

All: 739.484 $\pm$ 0.098 χ^2 /NDF: 11713669.4/63

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652+/-250.302 χ^2/NDF : 16.7/16

Left Out: -162.300+/-308.601 χ^2/NDF : 22.4/13

Right Out: -99.947+/-245.961 χ^2/NDF : 22.4/18

Left In: 150.848+/-327.080 χ^2/NDF : 20.0/11

Left: -14.822+/-224.462 χ^2/NDF : 42.9/25

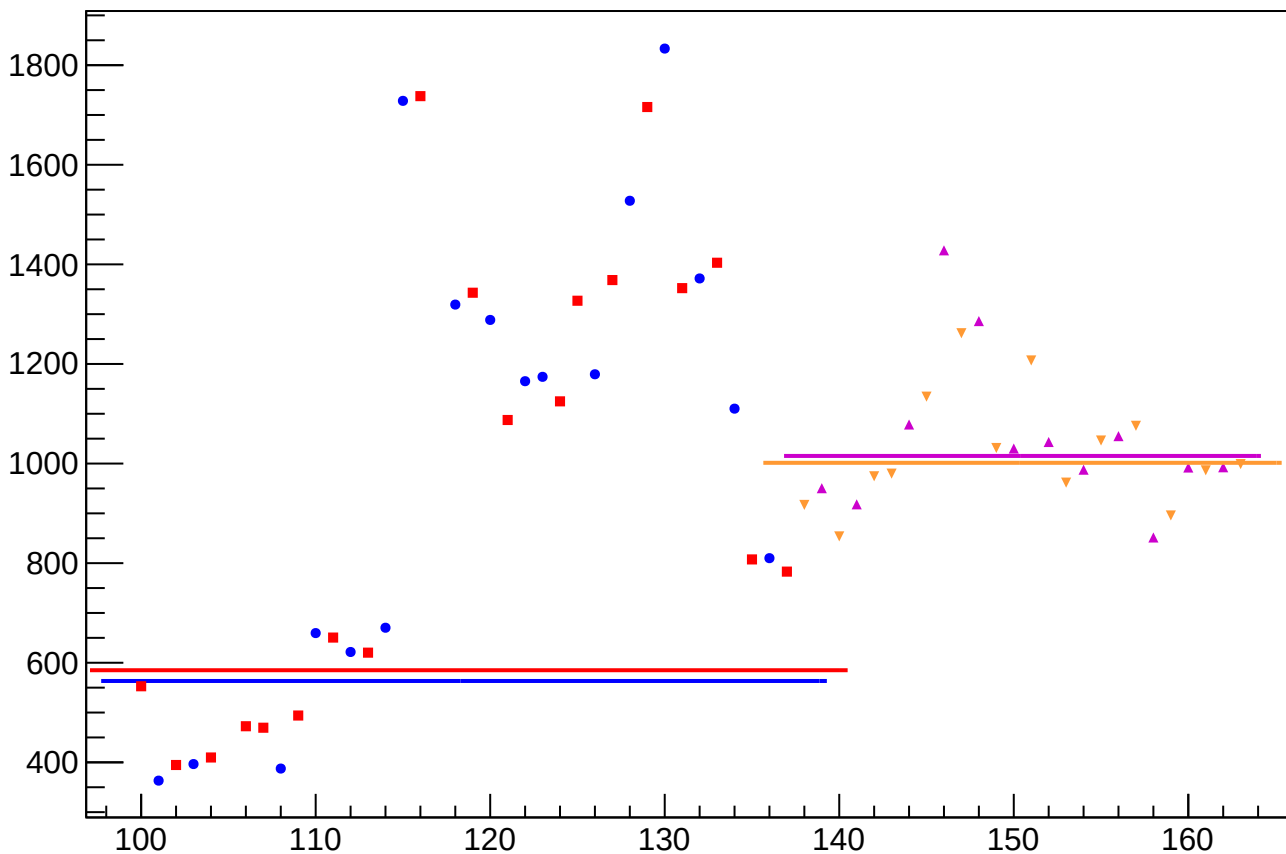
Right: -198.544+/-175.435 χ^2/NDF : 39.4/35

In: -133.897+/-198.776 χ^2/NDF : 37.9/28

Out: -124.169+/-192.342 χ^2/NDF : 44.8/32

All: -128.873+/-138.225 χ^2/NDF : 82.7/61

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1001.504+/-0.218 χ^2/NDF : 232061.8/13

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1015.308+/-0.231 χ^2/NDF : 304646.1/11

Left: 1008.005+/-0.159 χ^2/NDF : 538592.5/25

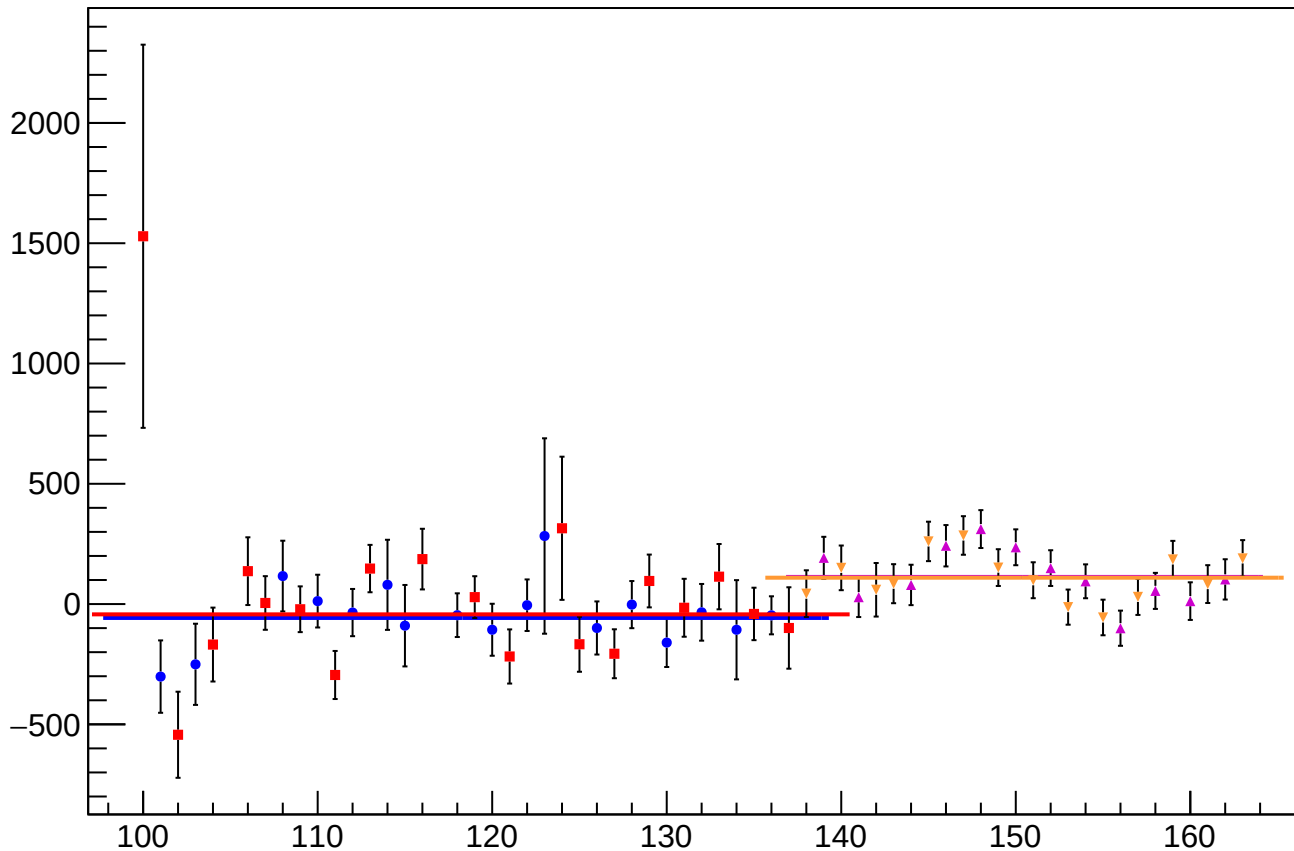
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 730.301+/-0.141 χ^2/NDF : 5971568.5/28

Out: 746.789+/-0.136 χ^2/NDF : 5278755.7/32

All: 738.816+/-0.098 χ^2/NDF : 11257430.5/63

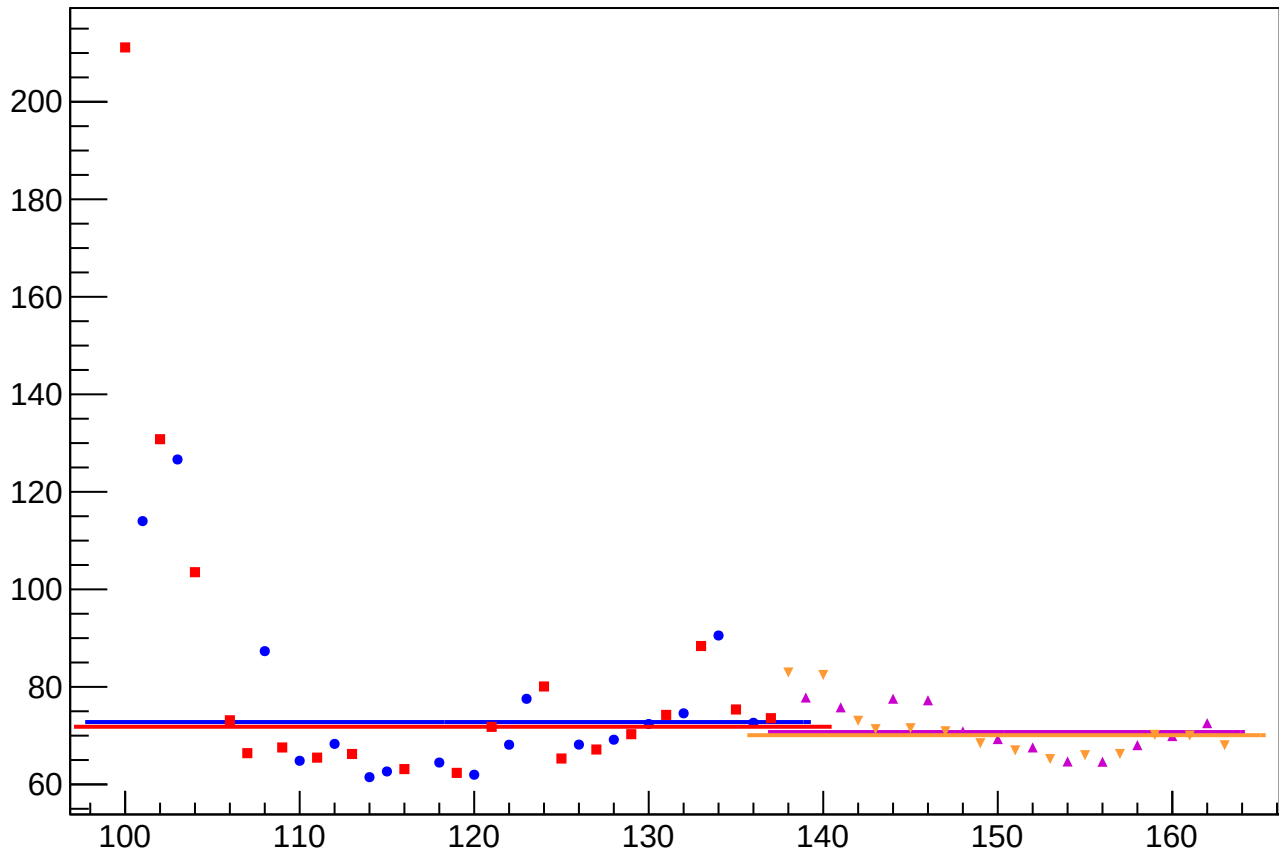
dit_asym_sam7_mean vs Slug, Sign Corrected



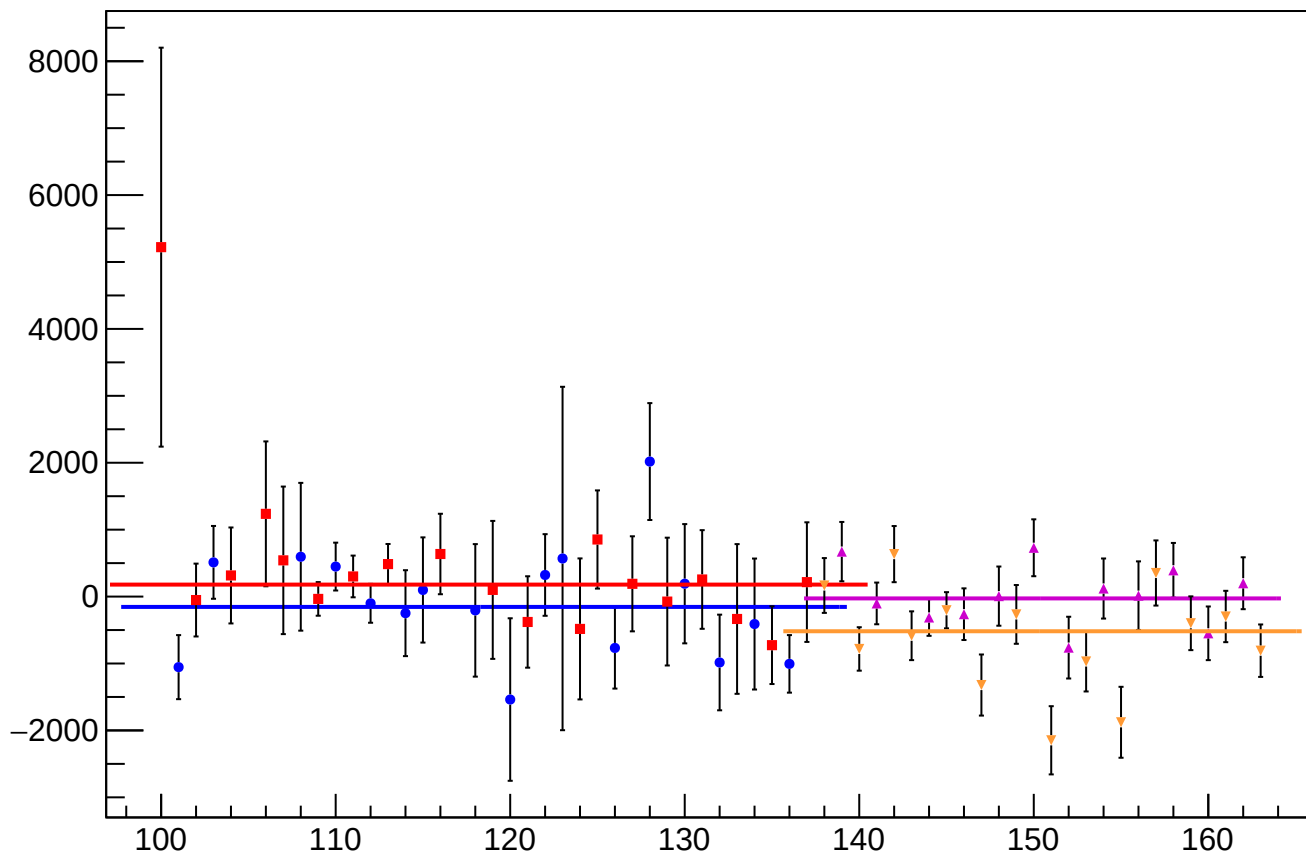
Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16
Left Out: 109.591 ± 21.515 χ^2/NDF : 20.6/13
Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18
Left In: 112.826 ± 22.647 χ^2/NDF : 24.5/11

Left: 111.125 ± 15.598 χ^2/NDF : 45.1/25
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35
In: 47.368 ± 17.777 χ^2/NDF : 55.4/28
Out: 52.239 ± 16.990 χ^2/NDF : 78.5/32
All: 49.914 ± 12.283 χ^2/NDF : 134.0/61

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: -518.039 ± 106.350 χ^2/NDF : 37.8/13

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: -27.417 ± 112.977 χ^2/NDF : 12.9/11

Left: -287.539 ± 77.438 χ^2/NDF : 60.7/25

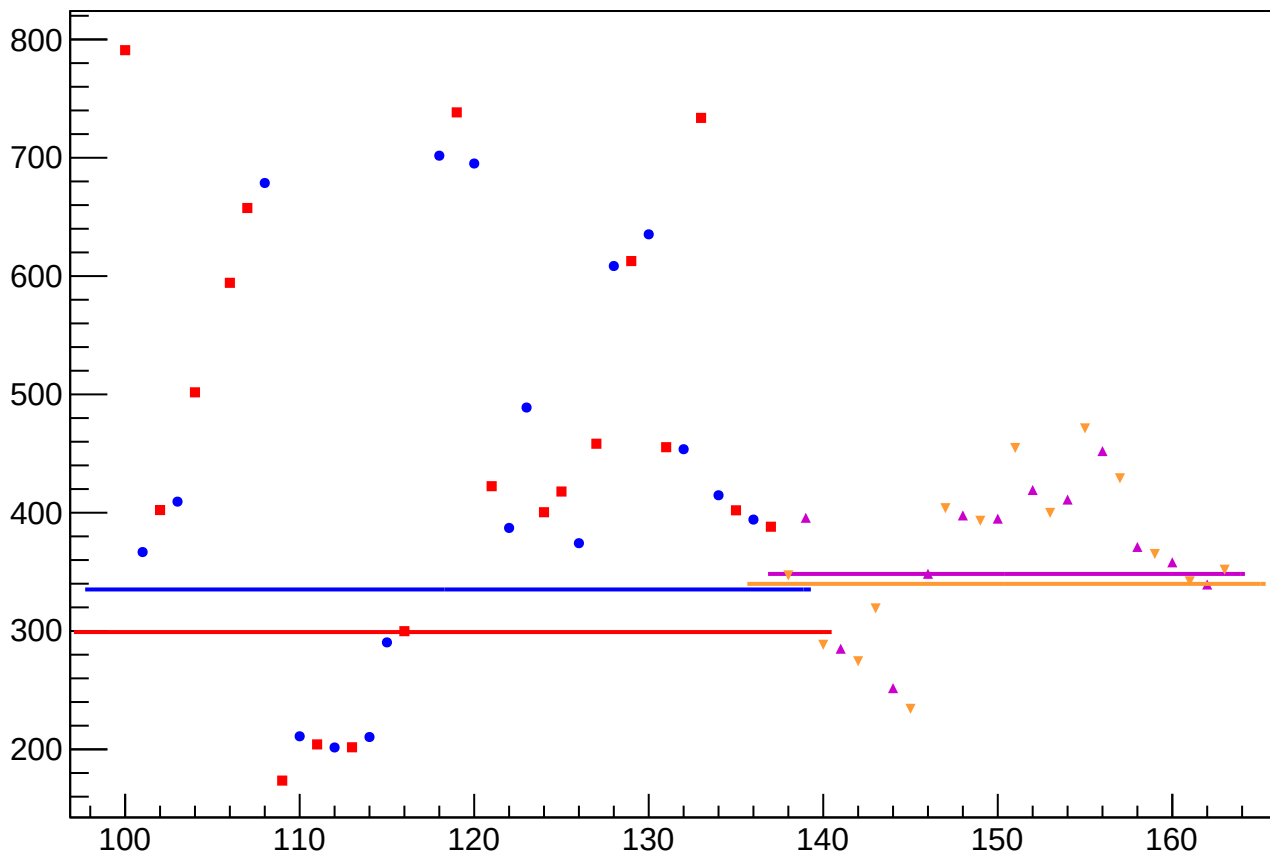
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -77.196 ± 88.093 χ^2/NDF : 36.6/28

Out: -228.310 ± 81.299 χ^2/NDF : 66.9/32

All: -158.804 ± 59.745 χ^2/NDF : 105.1/61

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 339.864+/-0.075 χ^2/NDF : 817032.0/13

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 348.263+/-0.080 χ^2/NDF : 579012.6/11

Left: 343.810+/-0.055 χ^2/NDF : 1401906.0/25

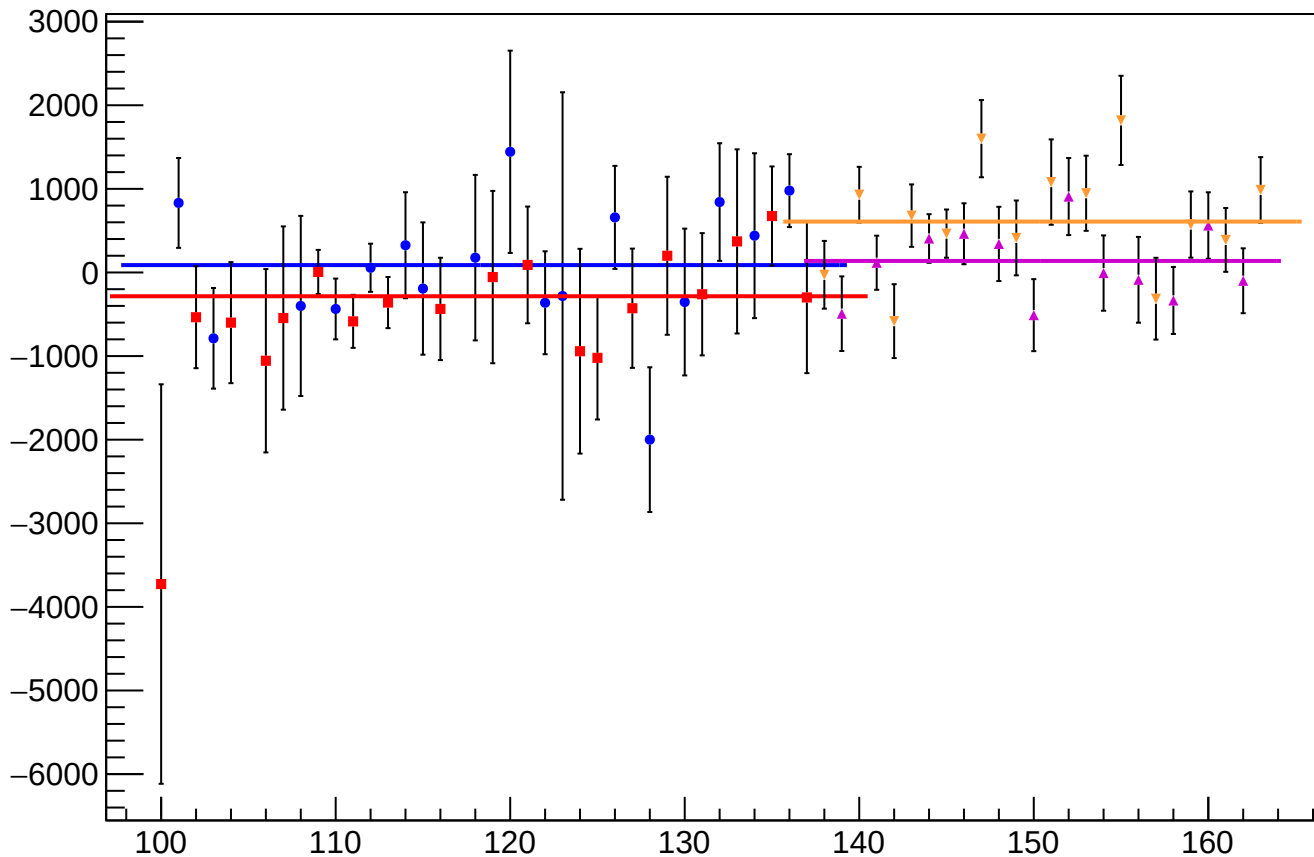
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 343.117+/-0.062 χ^2/NDF : 2583645.5/28

Out: 322.936+/-0.057 χ^2/NDF : 3770032.9/32

All: 332.218+/-0.042 χ^2/NDF : 6410359.4/61

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 608.544+/-108.242 χ^2/NDF : 27.1/13

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 137.975+/-113.936 χ^2/NDF : 12.1/11

Left: 385.310+/-78.474 χ^2/NDF : 48.2/25

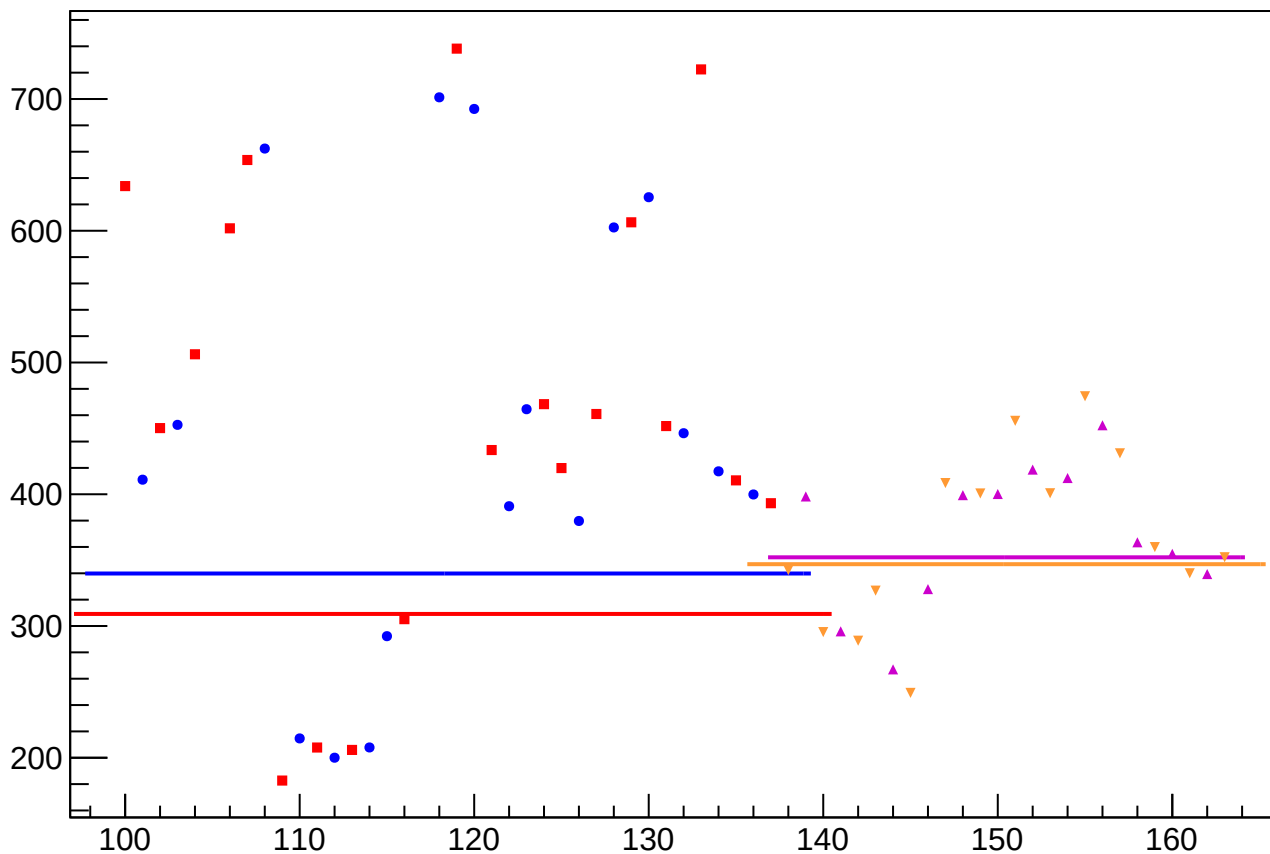
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 118.617+/-89.114 χ^2/NDF : 33.0/28

Out: 241.820+/-83.097 χ^2/NDF : 65.2/32

All: 184.518+/-60.774 χ^2/NDF : 99.2/61

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 346.922 $\pm$ 0.077 χ^2 /NDF: 678483.5/13

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 352.135 $\pm$ 0.081 χ^2 /NDF: 466812.0/11

Left: 349.395 $\pm$ 0.055 χ^2 /NDF: 1147496.1/25

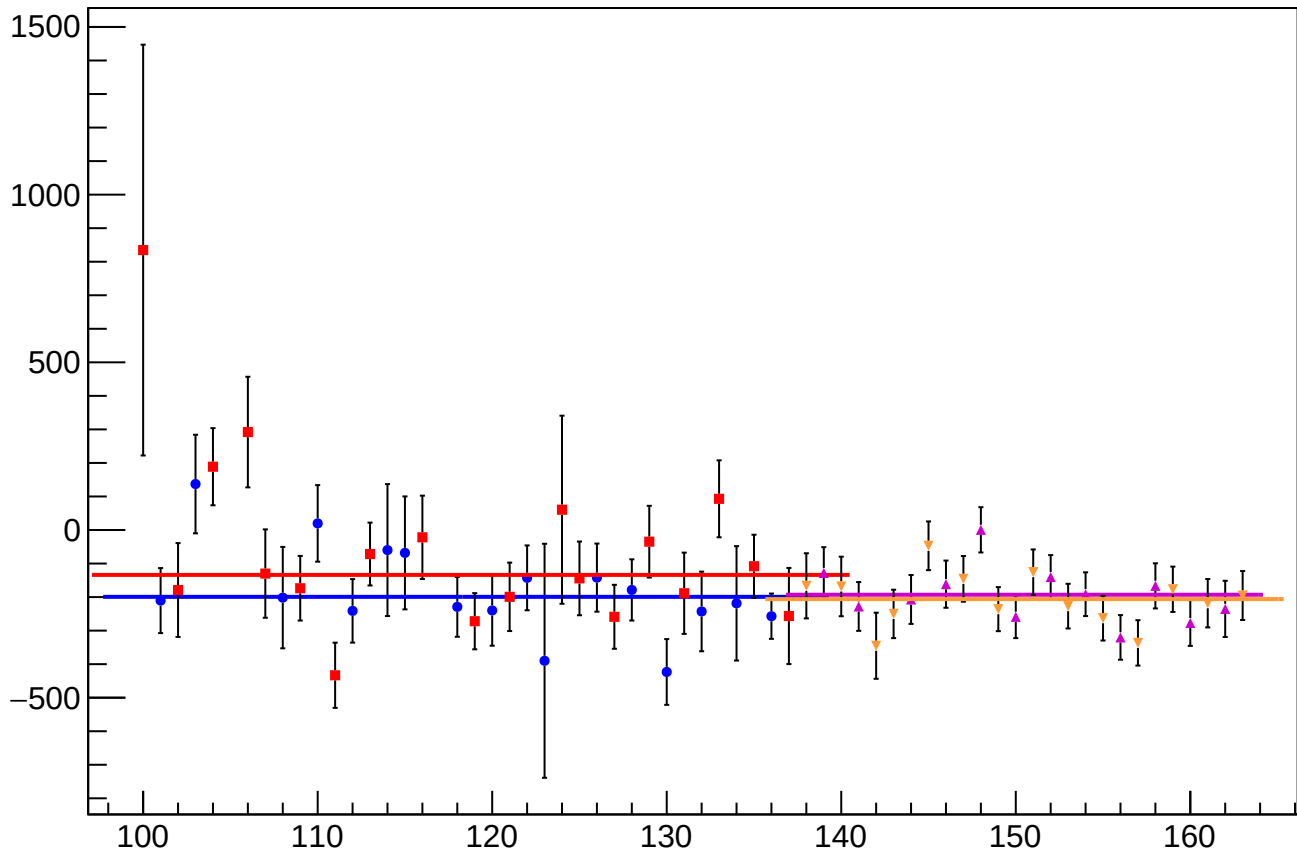
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 347.365 $\pm$ 0.063 χ^2 /NDF: 2519362.2/28

Out: 331.415 $\pm$ 0.059 χ^2 /NDF: 3514335.3/32

All: 338.833 $\pm$ 0.043 χ^2 /NDF: 6067970.5/61

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -206.039 ± 19.423 $\chi^2/\text{NDF}: 14.7/13$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -192.980 ± 20.048 $\chi^2/\text{NDF}: 16.7/11$

Left: -199.716 ± 13.950 $\chi^2/\text{NDF}: 31.6/25$

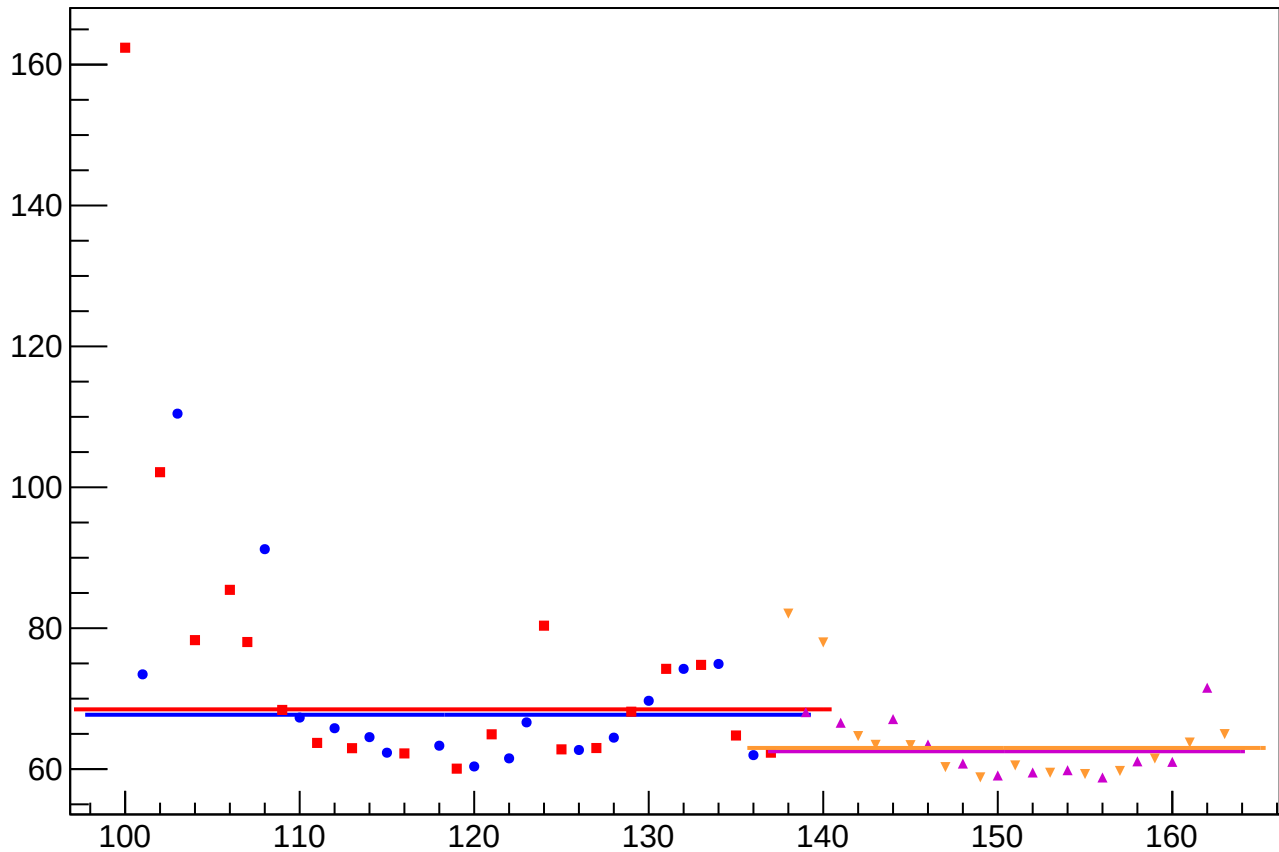
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -195.261 ± 15.991 $\chi^2/\text{NDF}: 34.4/28$

Out: -180.469 ± 15.609 $\chi^2/\text{NDF}: 58.8/32$

All: -187.686 ± 11.170 $\chi^2/\text{NDF}: 93.6/61$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.004 $\pm$ 0.014 χ^2 /NDF: 167786.4/13

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 62.531 $\pm$ 0.014 χ^2 /NDF: 70972.0/11

Left: 62.775 $\pm$ 0.010 χ^2 /NDF: 239331.8/25

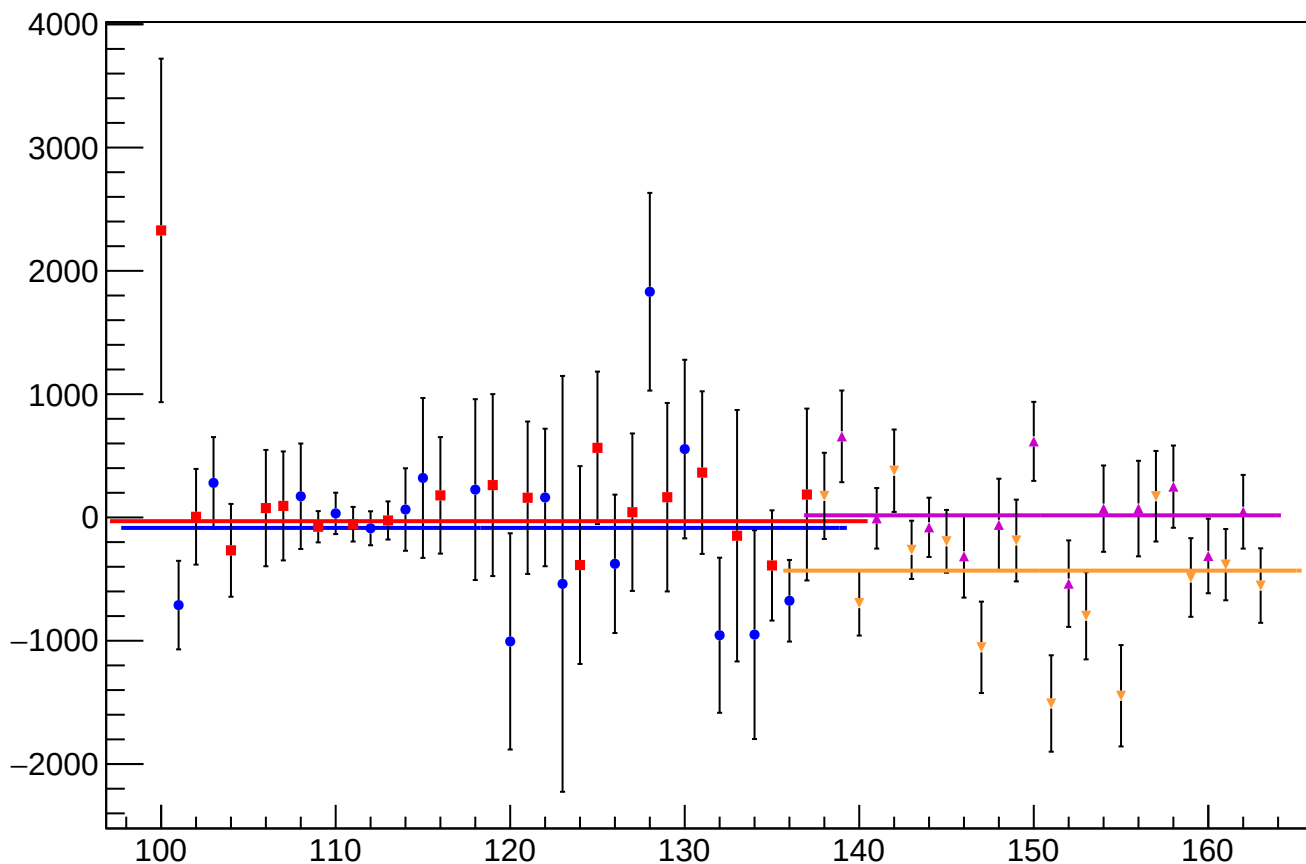
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.417 $\pm$ 0.011 χ^2 /NDF: 402512.4/28

Out: 64.944 $\pm$ 0.011 χ^2 /NDF: 505538.5/32

All: 64.687 $\pm$ 0.008 χ^2 /NDF: 909162.5/61

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -431.233 ± 83.951 χ^2/NDF : 32.3/13

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 17.230 ± 90.927 χ^2/NDF : 11.9/11

Left: -224.860 ± 61.681 χ^2/NDF : 57.3/25

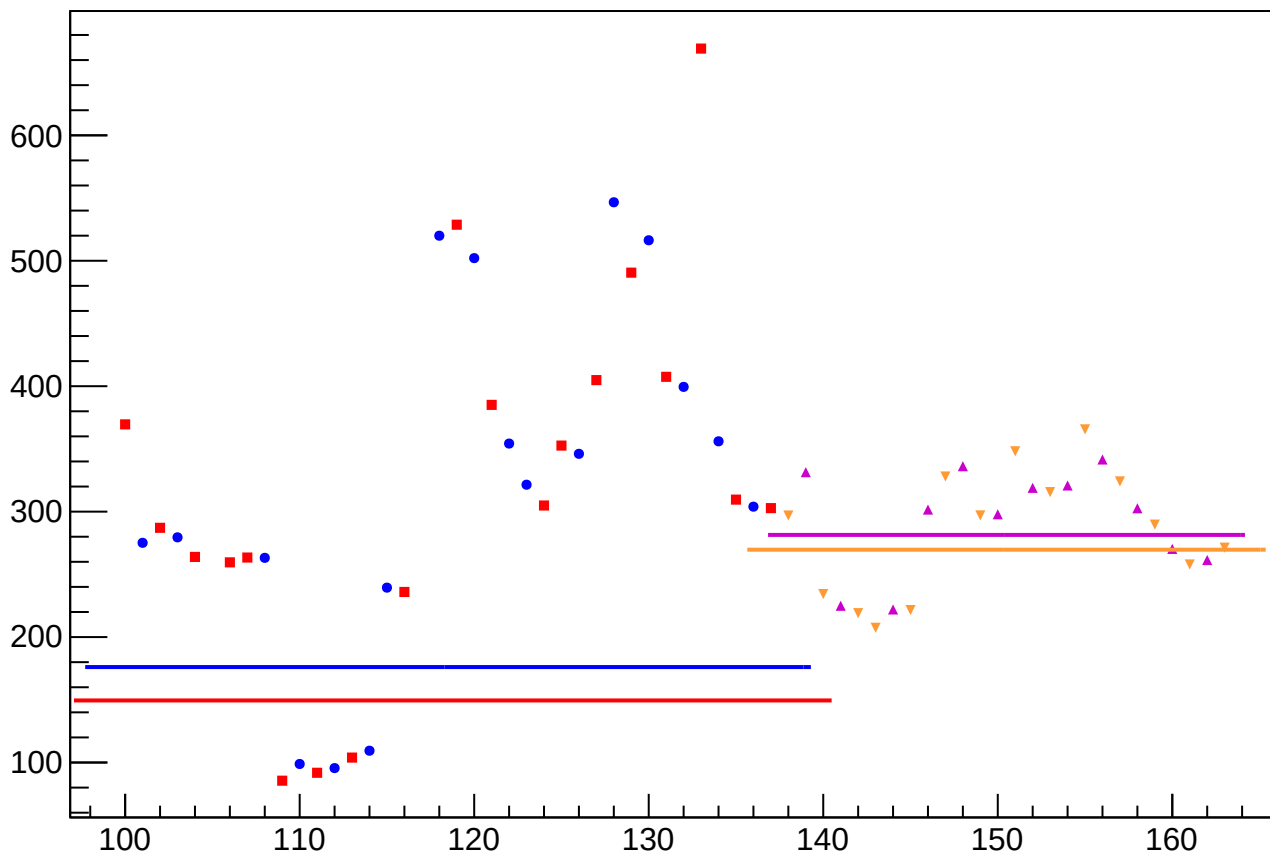
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -38.606 ± 61.167 χ^2/NDF : 32.5/28

Out: -193.745 ± 53.609 χ^2/NDF : 52.1/32

All: -126.346 ± 40.316 χ^2/NDF : 88.2/61

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.668+/-0.059 χ^2/NDF : 645729.7/13

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 281.447+/-0.064 χ^2/NDF : 435803.8/11

Left: 275.089+/-0.044 χ^2/NDF : 1099650.4/25

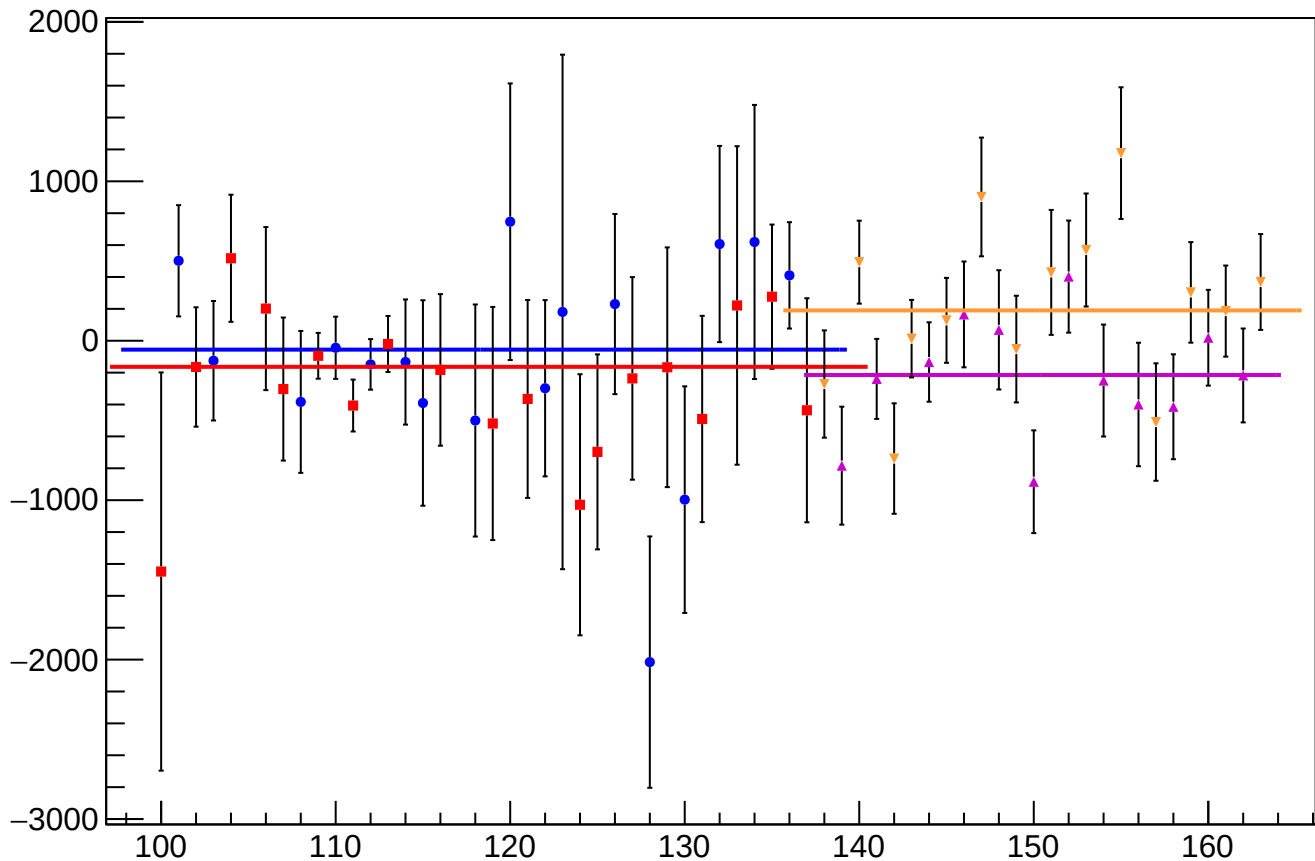
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 223.771+/-0.043 χ^2/NDF : 6129335.9/28

Out: 198.493+/-0.038 χ^2/NDF : 7894174.6/32

All: 209.474+/-0.029 χ^2/NDF : 14216690.3/63

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 190.201+/-84.463 χ^2/NDF :26.5/13

Right Out: -163.564+/-76.926 χ^2/NDF : 11.4/18

Left In: -214.893+/-91.333 χ^2/NDF :13.0/11

Left: 3.460+/-62.011 χ^2/NDF : 50.1/25

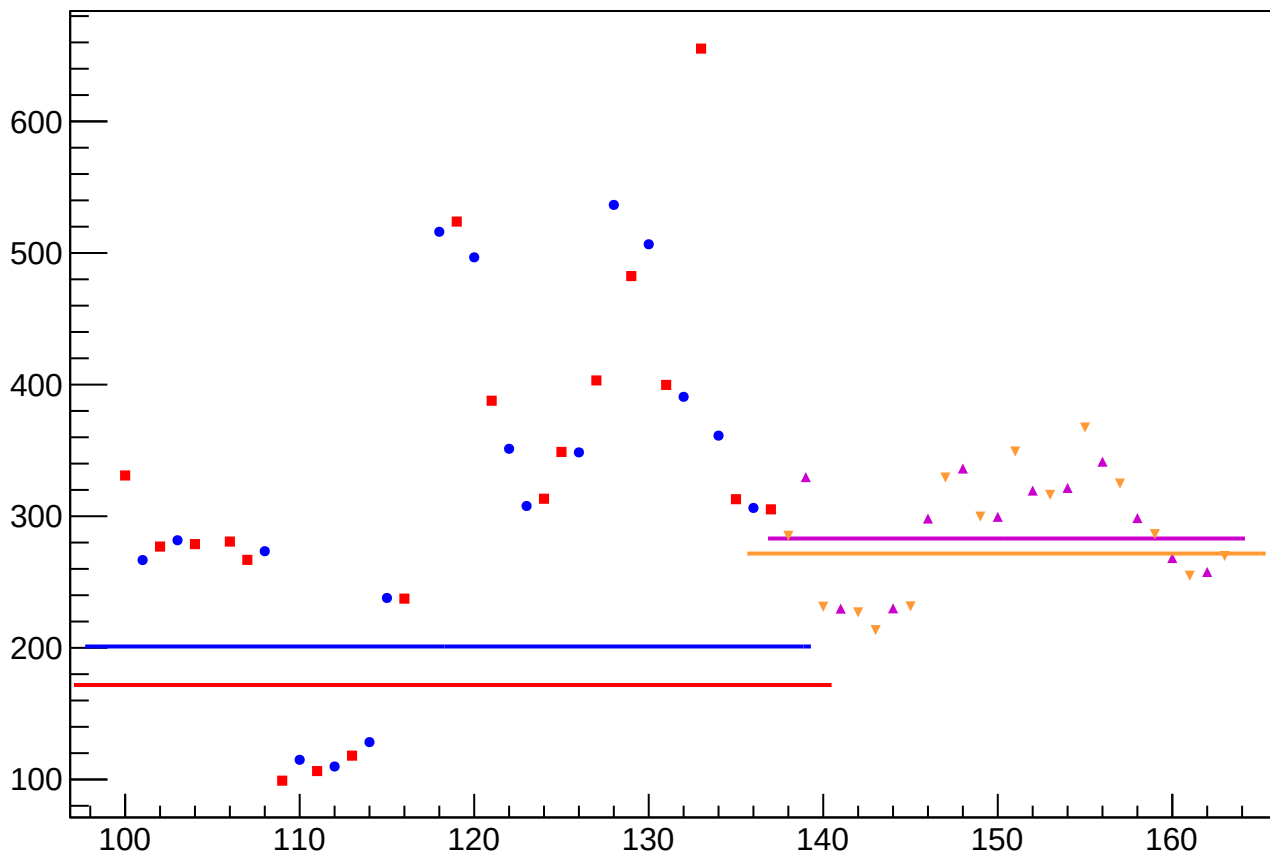
Right: -118.372+/-58.632 χ^2/NDF : 29.4/35

In: -134.643+/-64.311 χ^2/NDF :31.6/28

Out: -3.167+/-56.873 χ^2/NDF :47.5/32

All: -60.865+/-42.604 χ^2/NDF : 81.5/61

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.654 $\pm$ 0.060 χ^2/NDF : 577296.0/13

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 283.075 $\pm$ 0.065 χ^2/NDF : 377552.6/11

Left: 276.919 $\pm$ 0.044 χ^2/NDF : 971707.3/25

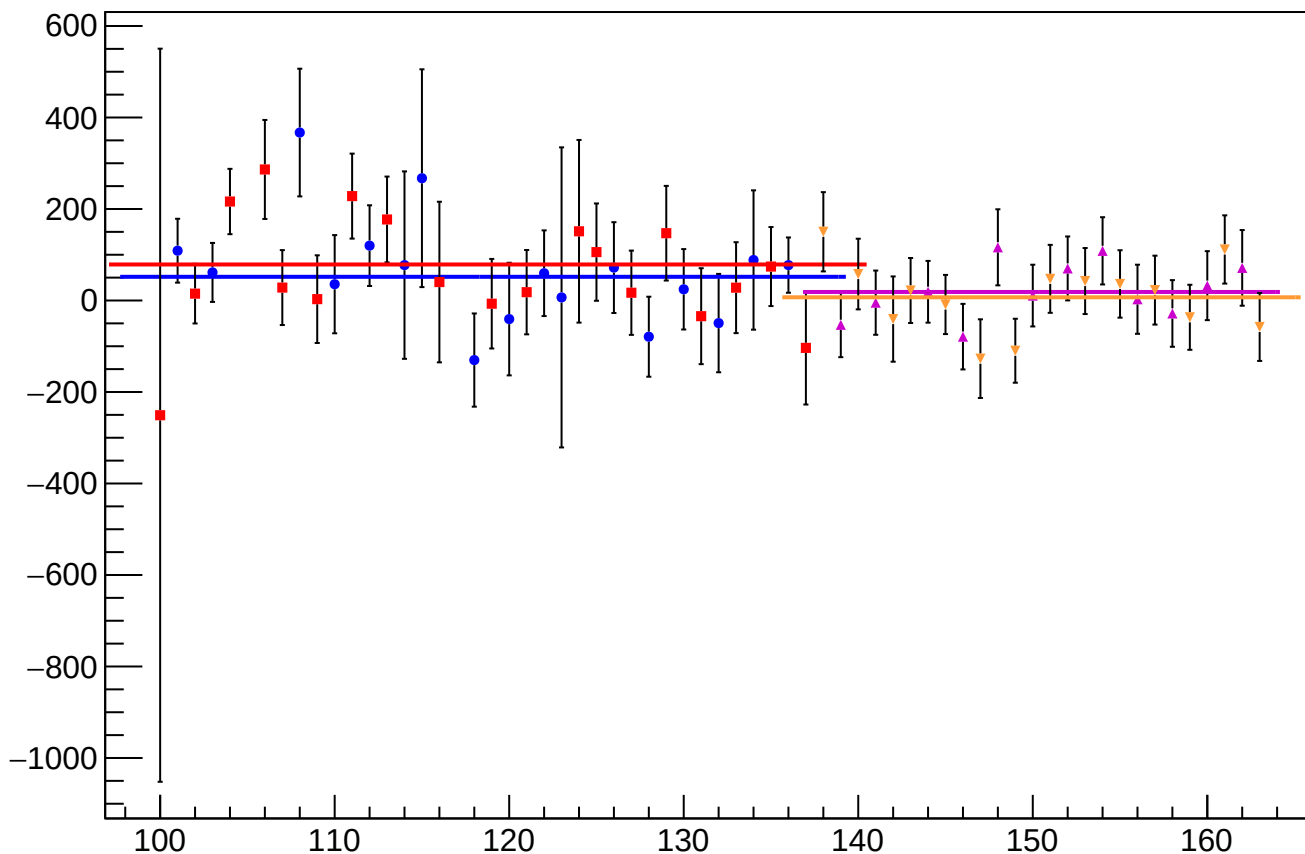
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 241.713 $\pm$ 0.045 χ^2/NDF : 4624159.4/28

Out: 217.055 $\pm$ 0.040 χ^2/NDF : 6204480.9/32

All: 227.876 $\pm$ 0.030 χ^2/NDF : 10993625.7/63

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: 6.973 $\pm$ 20.056 χ^2 /NDF:12.6/13

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 18.653 $\pm$ 21.047 χ^2 /NDF:7.3/11

Left: 12.531 $\pm$ 14.519 χ^2 /NDF: 20.1/25

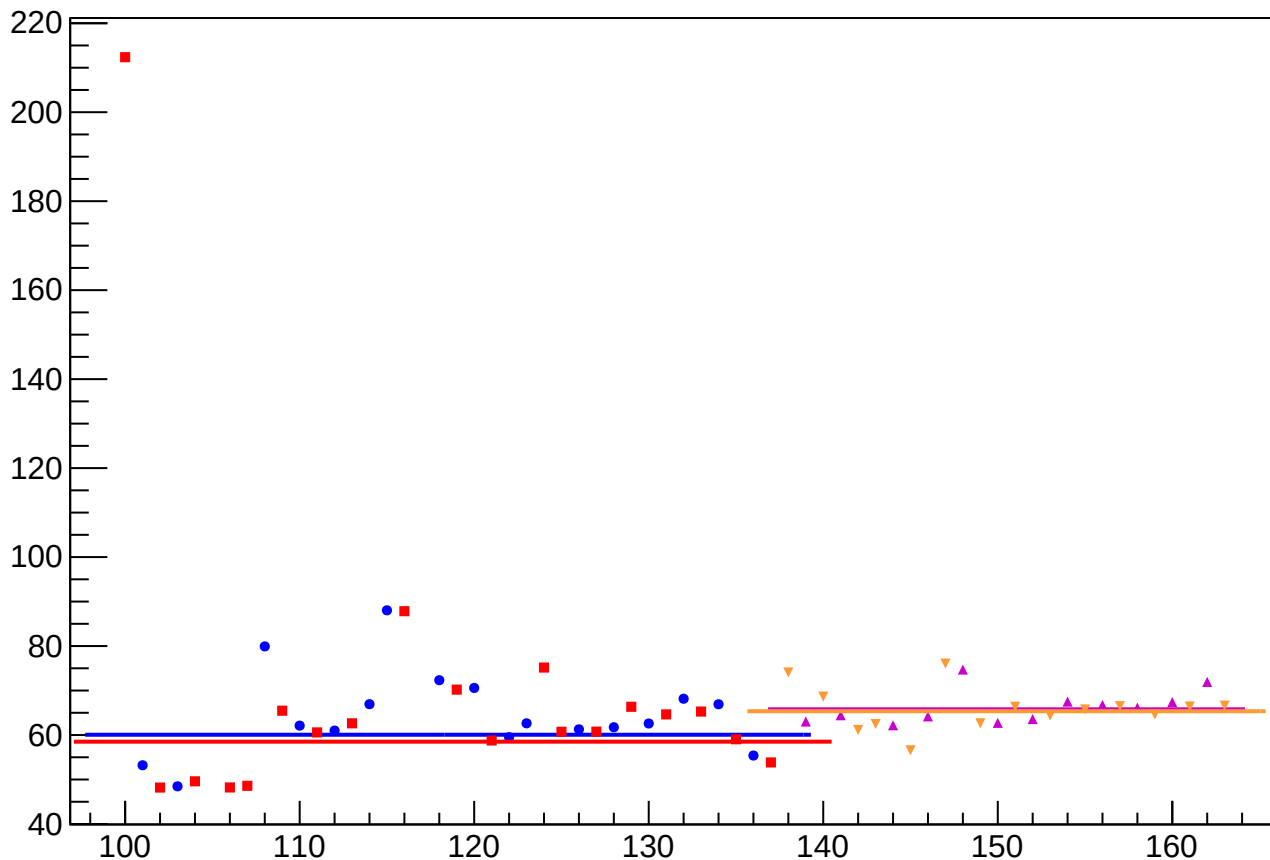
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 33.380 $\pm$ 15.690 χ^2 /NDF:23.0/28

Out: 38.767 $\pm$ 14.968 χ^2 /NDF:37.4/32

All: 36.200 $\pm$ 10.830 χ^2 /NDF: 60.4/61

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: 65.350 $\pm$ 0.014 χ^2 /NDF: 104620.8/13

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 65.785 $\pm$ 0.015 χ^2 /NDF: 52989.6/11

Left: 65.557 $\pm$ 0.010 χ^2 /NDF: 158057.8/25

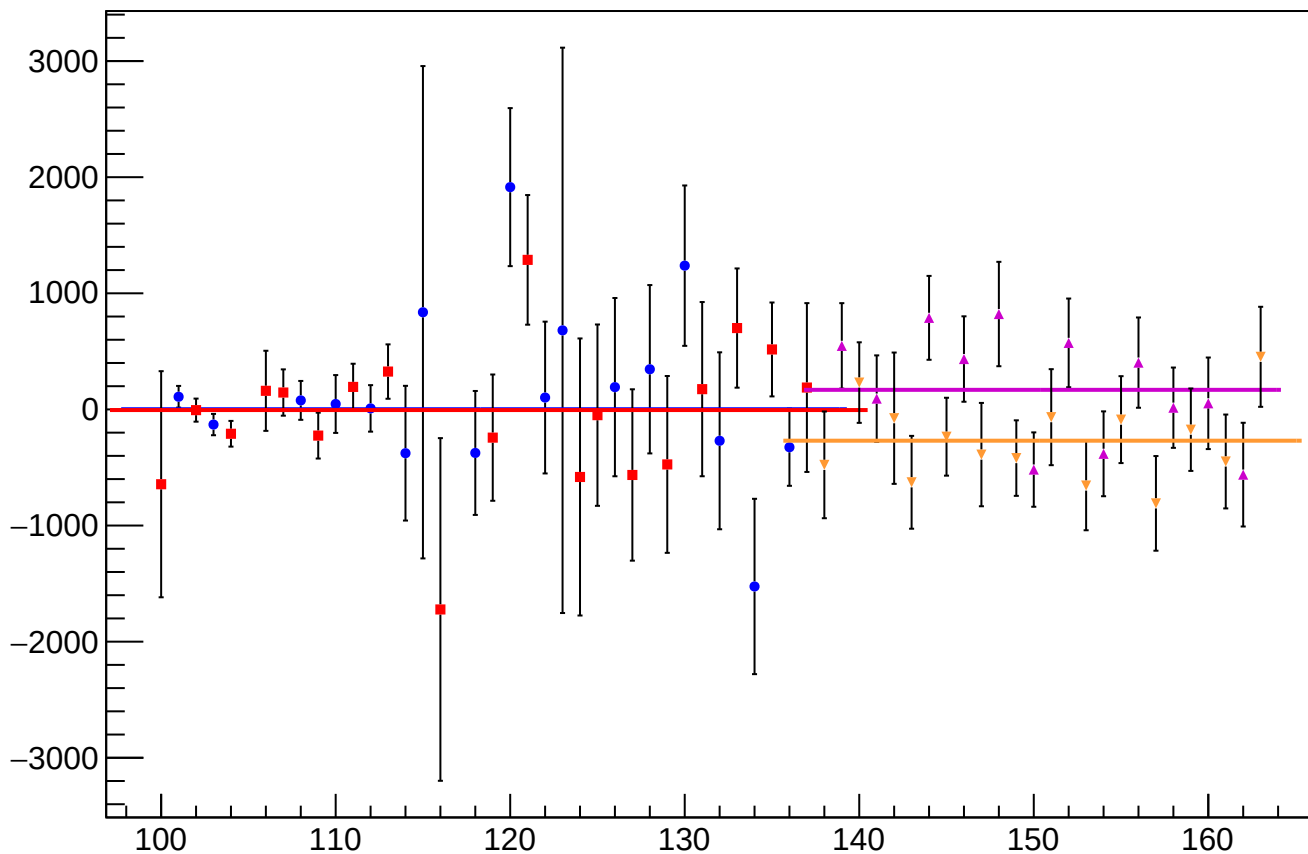
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 63.244 $\pm$ 0.011 χ^2 /NDF: 347706.8/28

Out: 62.319 $\pm$ 0.011 χ^2 /NDF: 556539.9/32

All: 62.760 $\pm$ 0.008 χ^2 /NDF: 907879.9/61

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -269.287 ± 104.818 $\chi^2/\text{NDF}: 9.8/13$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 168.698 ± 108.383 $\chi^2/\text{NDF}: 18.0/11$

Left: -57.617 ± 75.346 $\chi^2/\text{NDF}: 36.2/25$

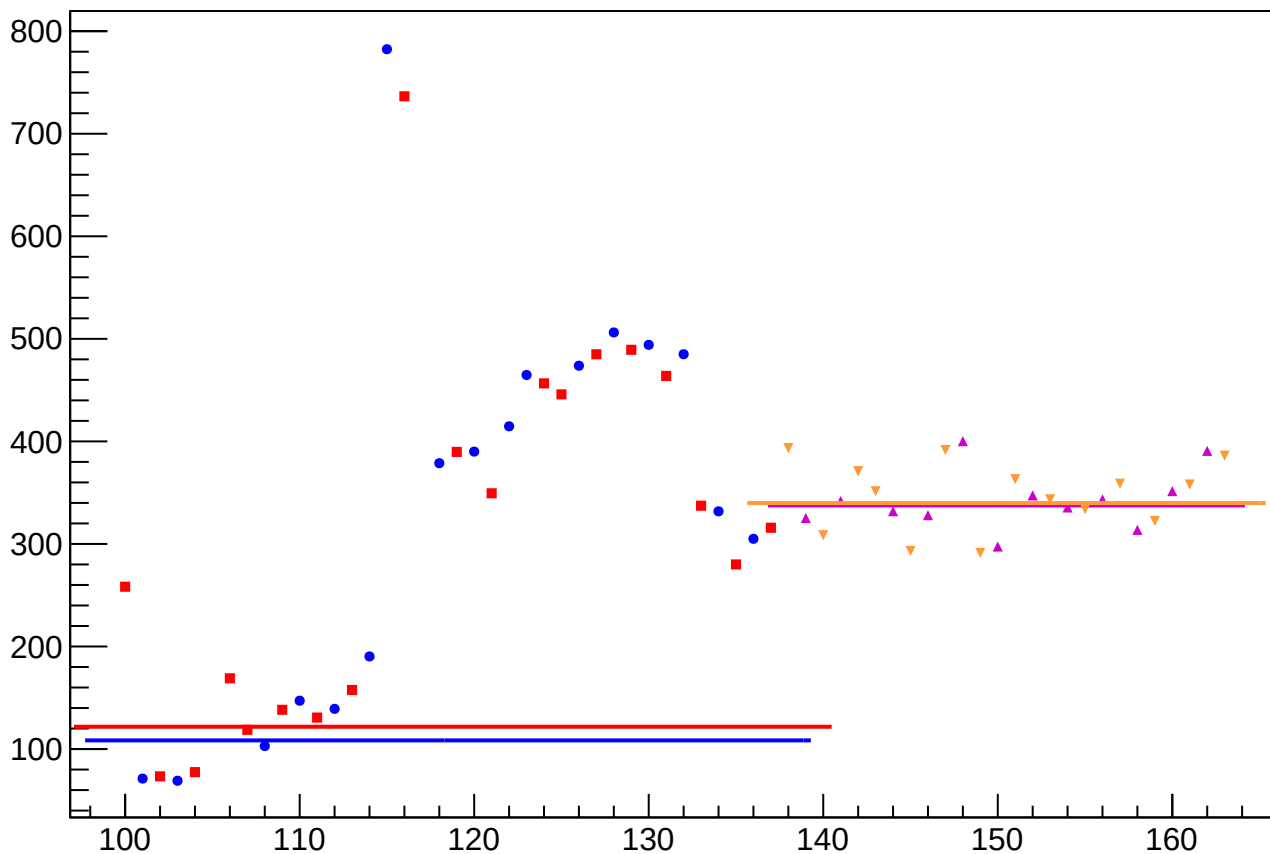
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 35.095 ± 48.537 $\chi^2/\text{NDF}: 41.3/28$

Out: -64.839 ± 49.746 $\chi^2/\text{NDF}: 35.4/32$

All: -13.642 ± 34.740 $\chi^2/\text{NDF}: 78.7/61$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 339.886+/-0.074 χ^2/NDF : 204897.7/13

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 337.498+/-0.077 χ^2/NDF : 116750.7/11

Left: 338.732+/-0.053 χ^2/NDF : 322150.1/25

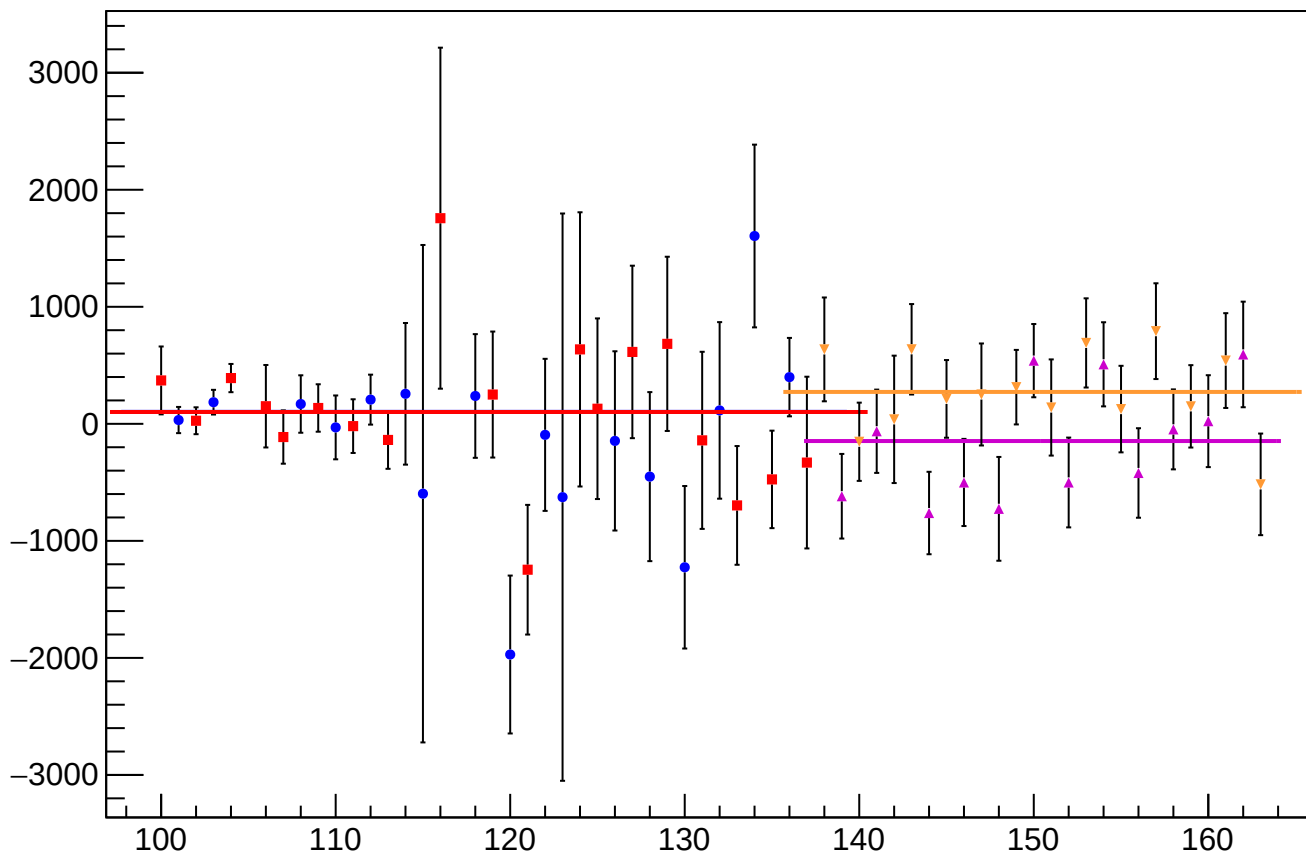
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 154.380+/-0.034 χ^2/NDF : 12662037.7/28

Out: 170.894+/-0.035 χ^2/NDF : 11685938.1/32

All: 162.434+/-0.025 χ^2/NDF : 24460880.4/63

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 272.645 $\pm$ 103.200 χ^2 /NDF:10.4/13

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -146.986 $\pm$ 106.929 χ^2 /NDF:19.9/11

Left: 70.274 $\pm$ 74.257 χ^2 /NDF: 38.2/25

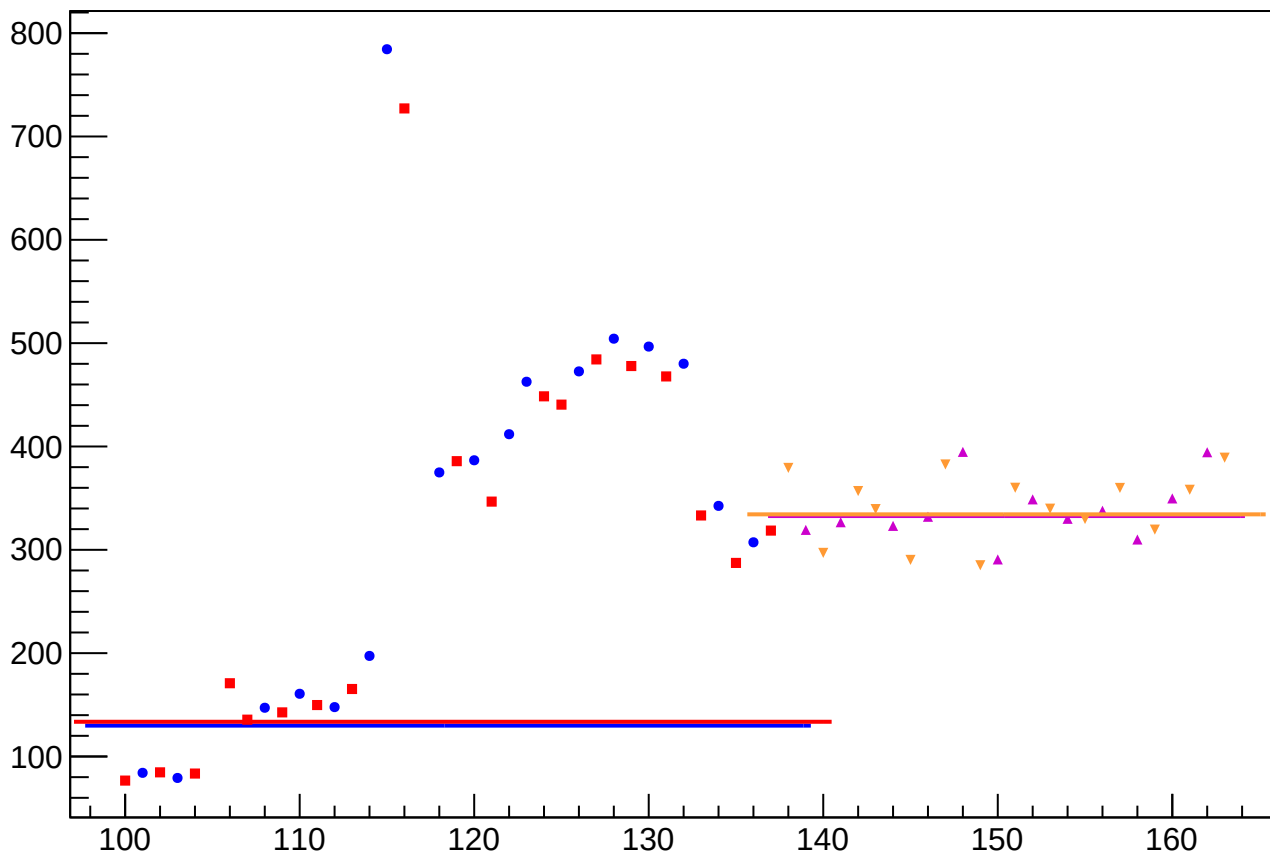
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 37.812 $\pm$ 54.361 χ^2 /NDF:44.2/28

Out: 145.460 $\pm$ 52.414 χ^2 /NDF:35.1/32

All: 93.598 $\pm$ 37.732 χ^2 /NDF: 81.3/61

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 334.332+/-0.073 χ^2/NDF : 215637.7/13

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 332.688+/-0.076 χ^2/NDF : 134062.0/11

Left: 333.539+/-0.053 χ^2/NDF : 349944.6/25

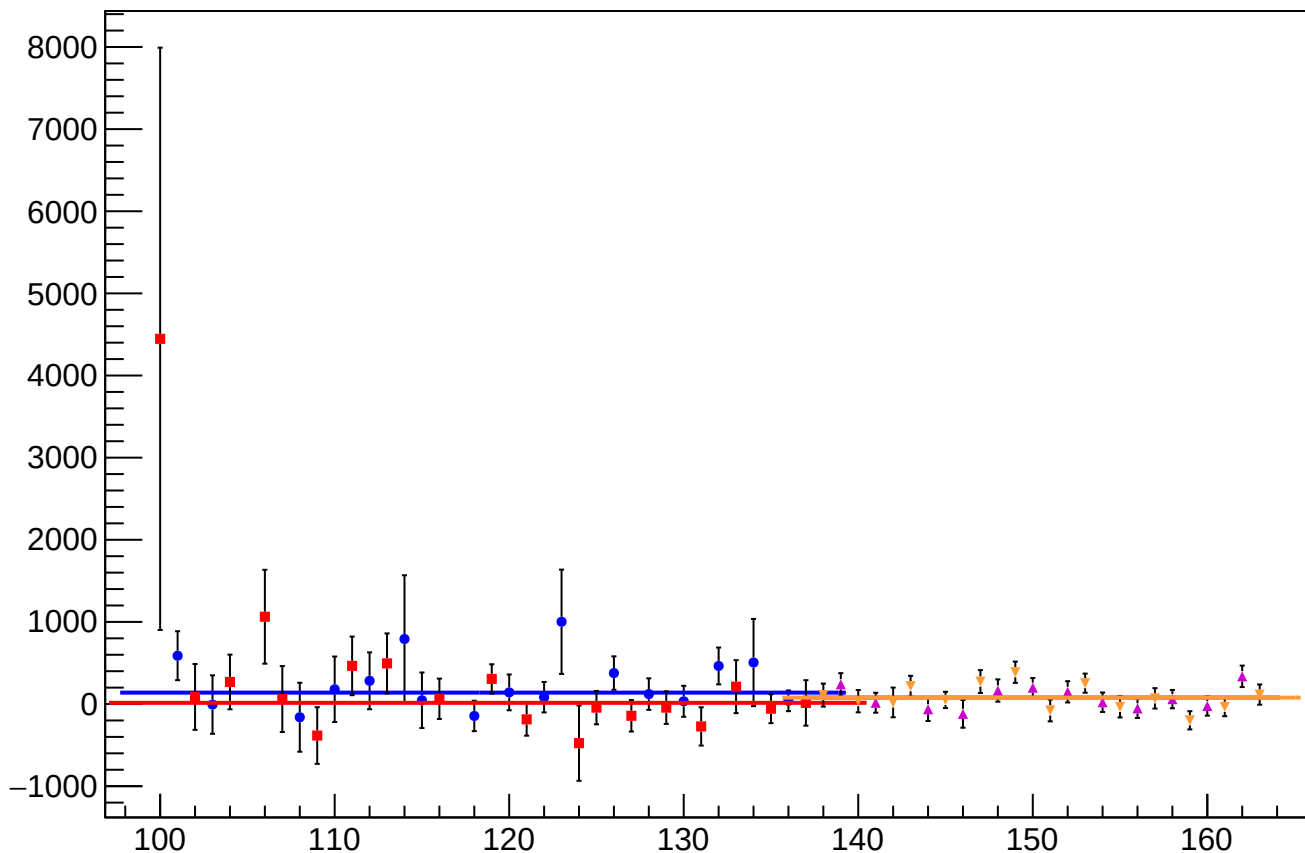
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 182.300+/-0.038 χ^2/NDF : 10298559.3/28

Out: 185.382+/-0.037 χ^2/NDF : 10193636.4/32

All: 183.897+/-0.027 χ^2/NDF : 20495528.1/63

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: 78.220 $\pm$ 33.532 χ^2 /NDF:20.9/13

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 79.287 $\pm$ 36.522 χ^2 /NDF:12.0/11

Left: 78.708 $\pm$ 24.700 χ^2 /NDF: 32.9/25

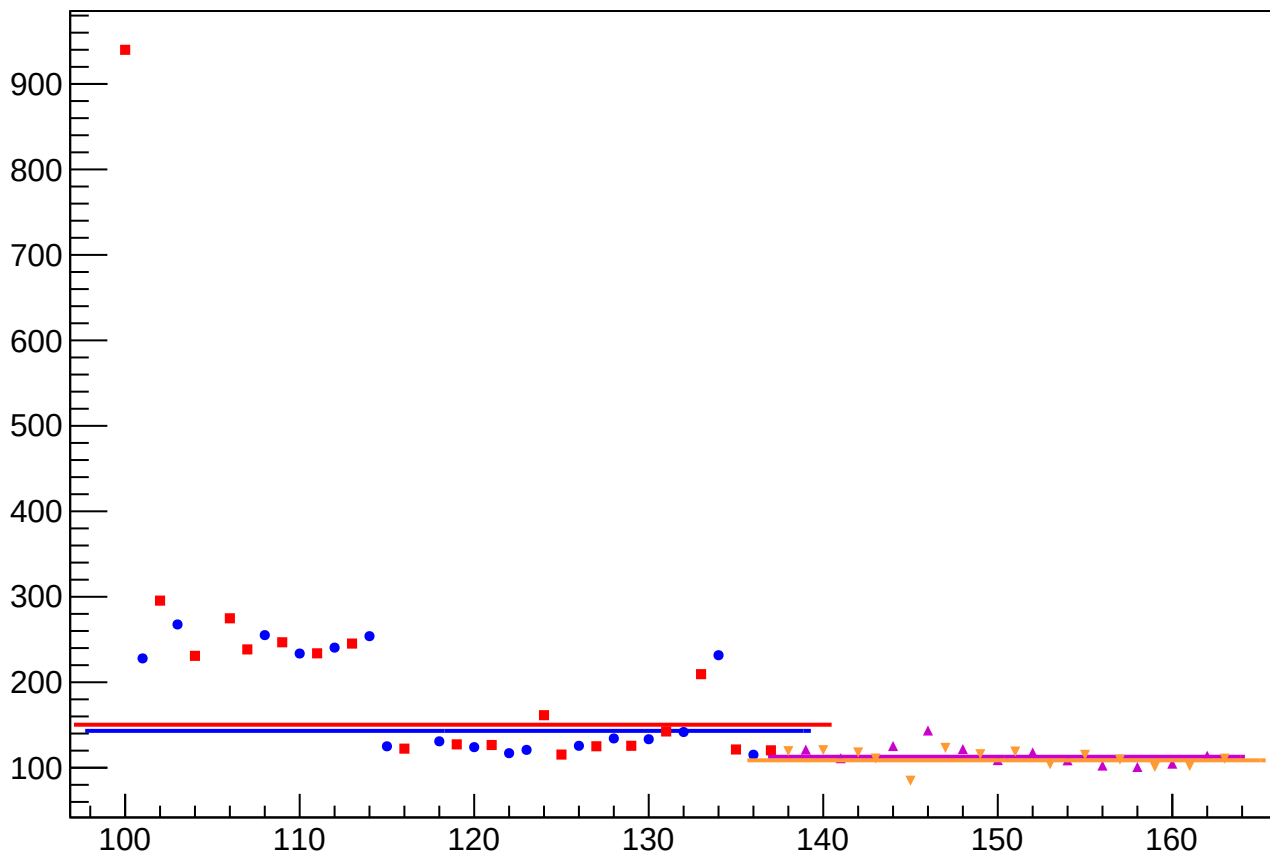
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 96.276 $\pm$ 30.903 χ^2 /NDF:25.9/28

Out: 63.198 $\pm$ 29.285 χ^2 /NDF:39.7/32

All: 78.848 $\pm$ 21.256 χ^2 /NDF: 66.2/61

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: 108.672 $\pm$ 0.024 χ^2 /NDF: 213860.8/13

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 112.838 $\pm$ 0.026 χ^2 /NDF: 154643.3/11

Left: 110.578 $\pm$ 0.017 χ^2 /NDF: 382623.4/25

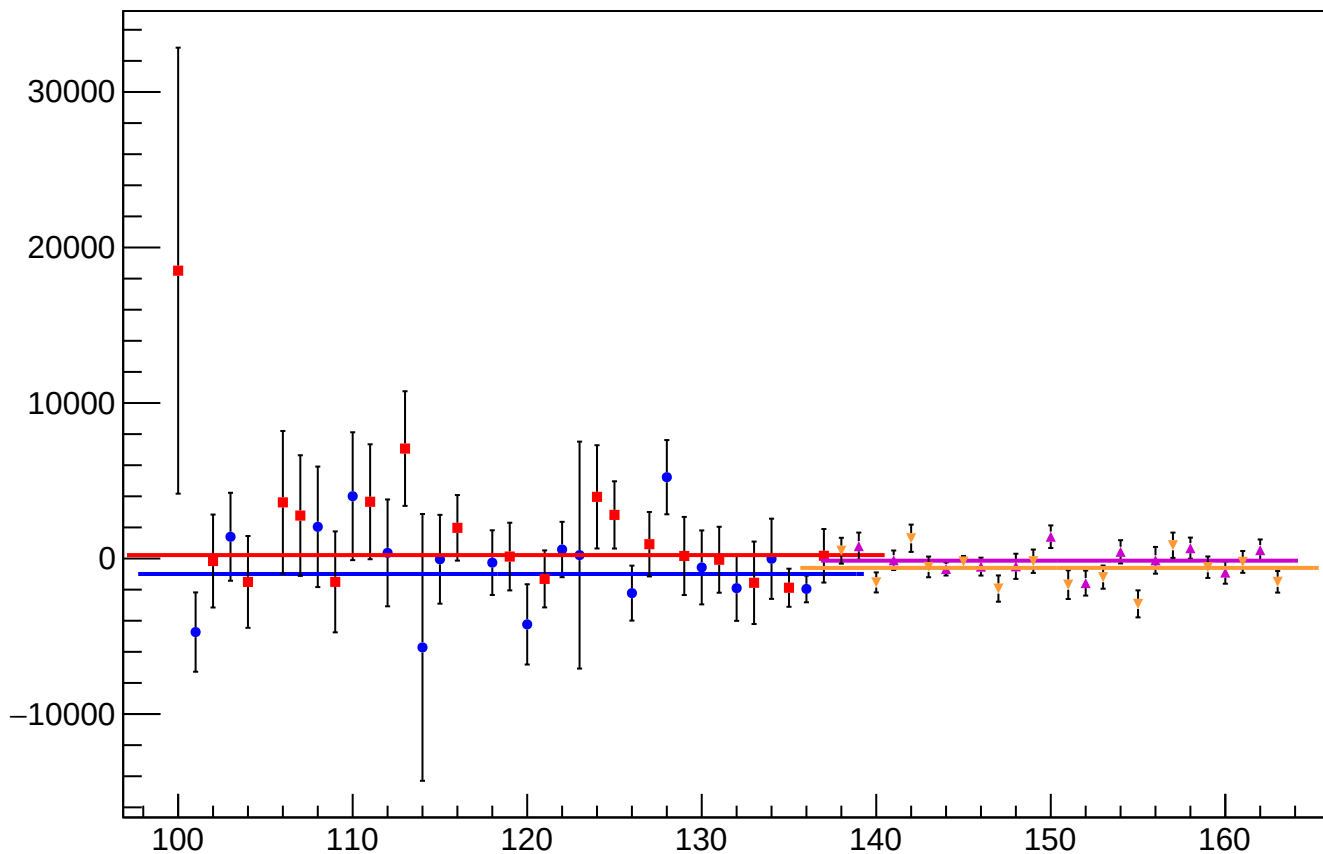
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 121.446 $\pm$ 0.022 χ^2 /NDF: 1646981.2/28

Out: 118.558 $\pm$ 0.021 χ^2 /NDF: 2378552.3/32

All: 119.924 $\pm$ 0.015 χ^2 /NDF: 4034730.9/61

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -602.565+/-180.656 χ^2/NDF : 27.1/13

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -137.700+/-192.995 χ^2/NDF : 15.2/11

Left: -385.467+/-131.889 χ^2/NDF : 45.3/25

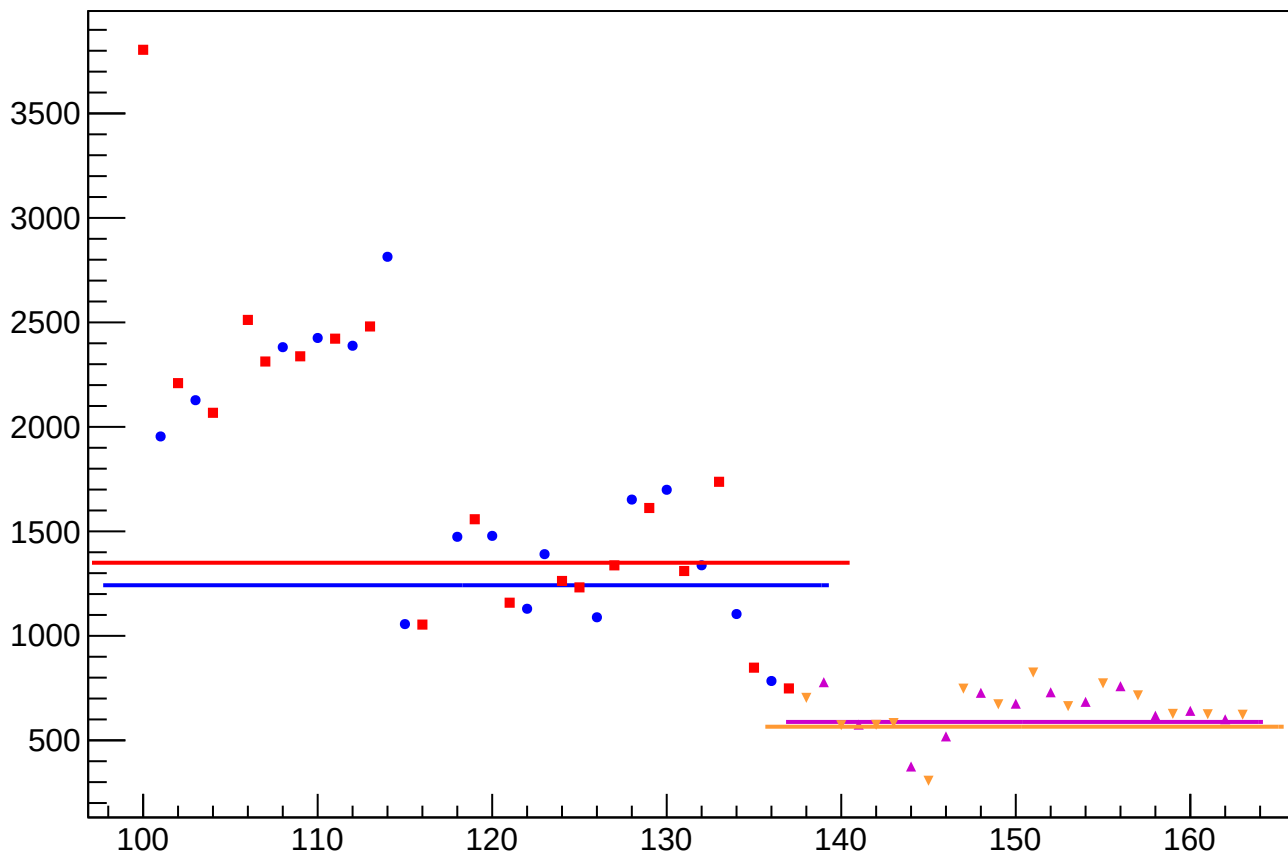
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -242.596+/-180.785 χ^2/NDF : 34.5/28

Out: -520.572+/-171.431 χ^2/NDF : 44.3/32

All: -388.961+/-124.395 χ^2/NDF : 80.1/61

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 565.154+/-0.128 χ^2/NDF : 1679681.2/13

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 588.076+/-0.136 χ^2/NDF : 917207.5/11

Left: 575.859+/-0.093 χ^2/NDF : 2611925.8/25

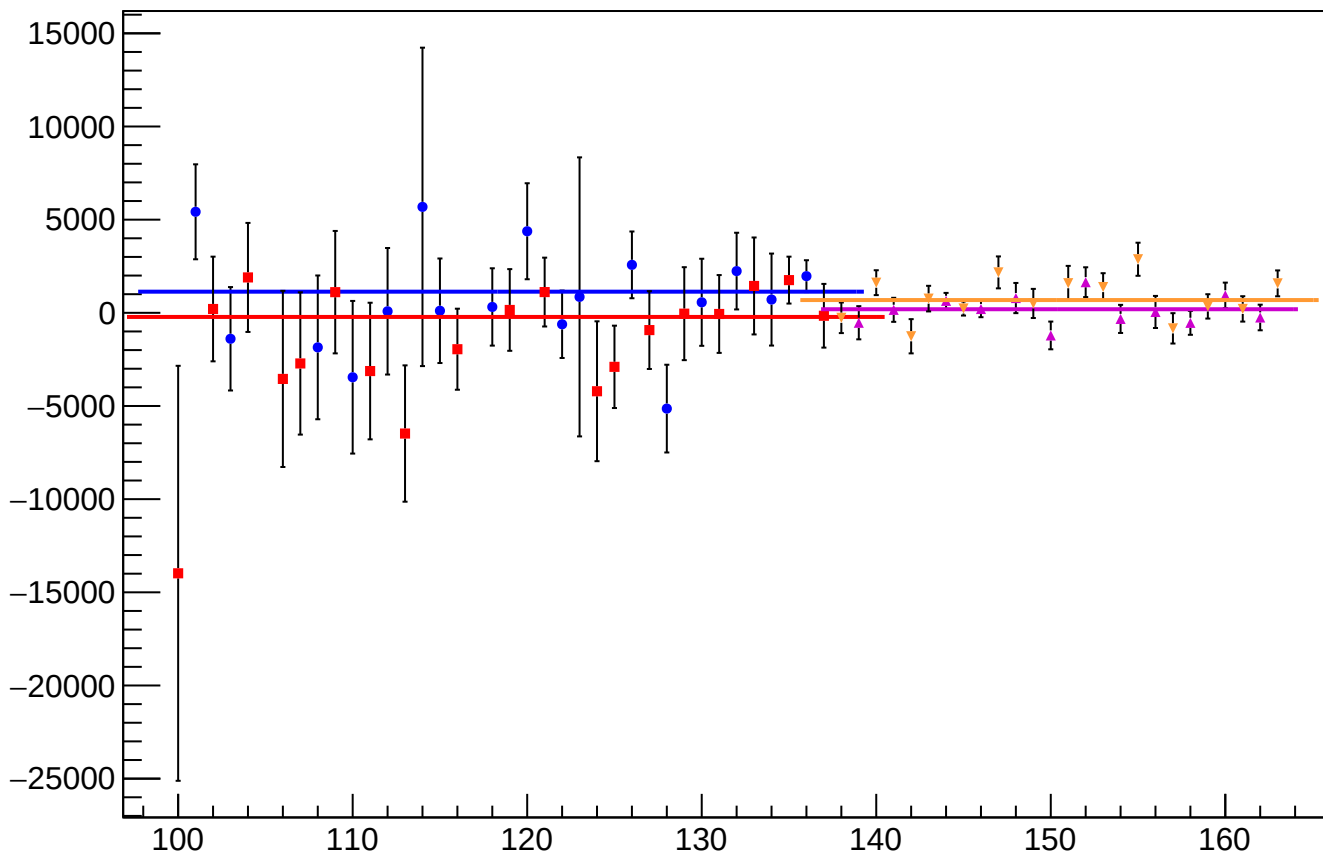
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 668.223+/-0.128 χ^2/NDF : 5499553.7/28

Out: 643.245+/-0.121 χ^2/NDF : 7302822.2/32

All: 655.071+/-0.088 χ^2/NDF : 12822477.3/63

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 685.128 $\pm$ 184.940 χ^2 /NDF: 26.1/13

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 192.495 $\pm$ 185.642 χ^2 /NDF: 12.6/11

Left: 439.744 $\pm$ 131.020 χ^2 /NDF: 42.2/25

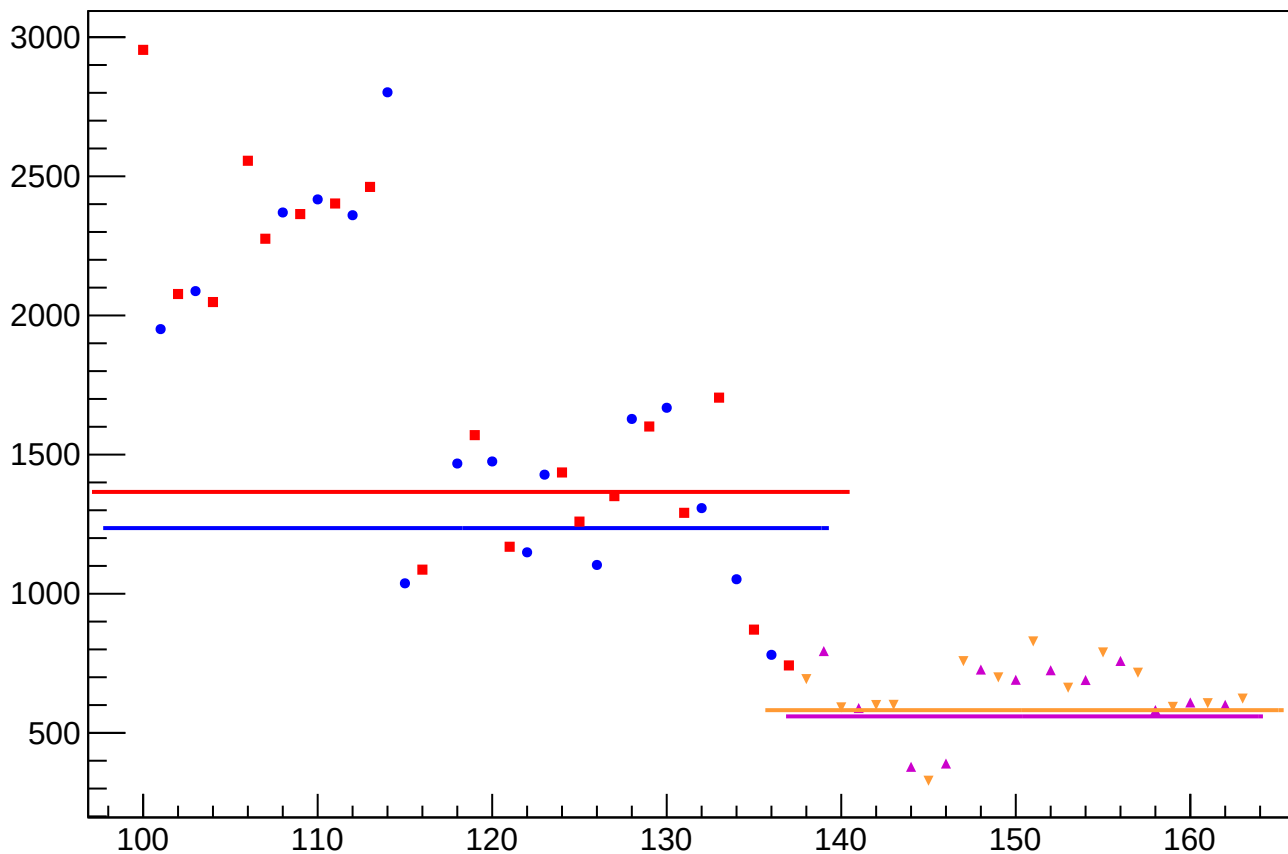
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 301.365 $\pm$ 174.594 χ^2 /NDF: 33.4/28

Out: 592.349 $\pm$ 175.215 χ^2 /NDF: 42.0/32

All: 446.341 $\pm$ 123.676 χ^2 /NDF: 76.8/61

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 581.682 $\pm$ 0.131 χ^2 /NDF:1395113.0/13

Right Out: 1365.941 $\pm$ 0.387 χ^2 /NDF: 1750044.7/18

Left In: 559.338 $\pm$ 0.131 χ^2 /NDF:1223480.4/11

Left: 570.552 $\pm$ 0.093 χ^2 /NDF: 2633134.7/25

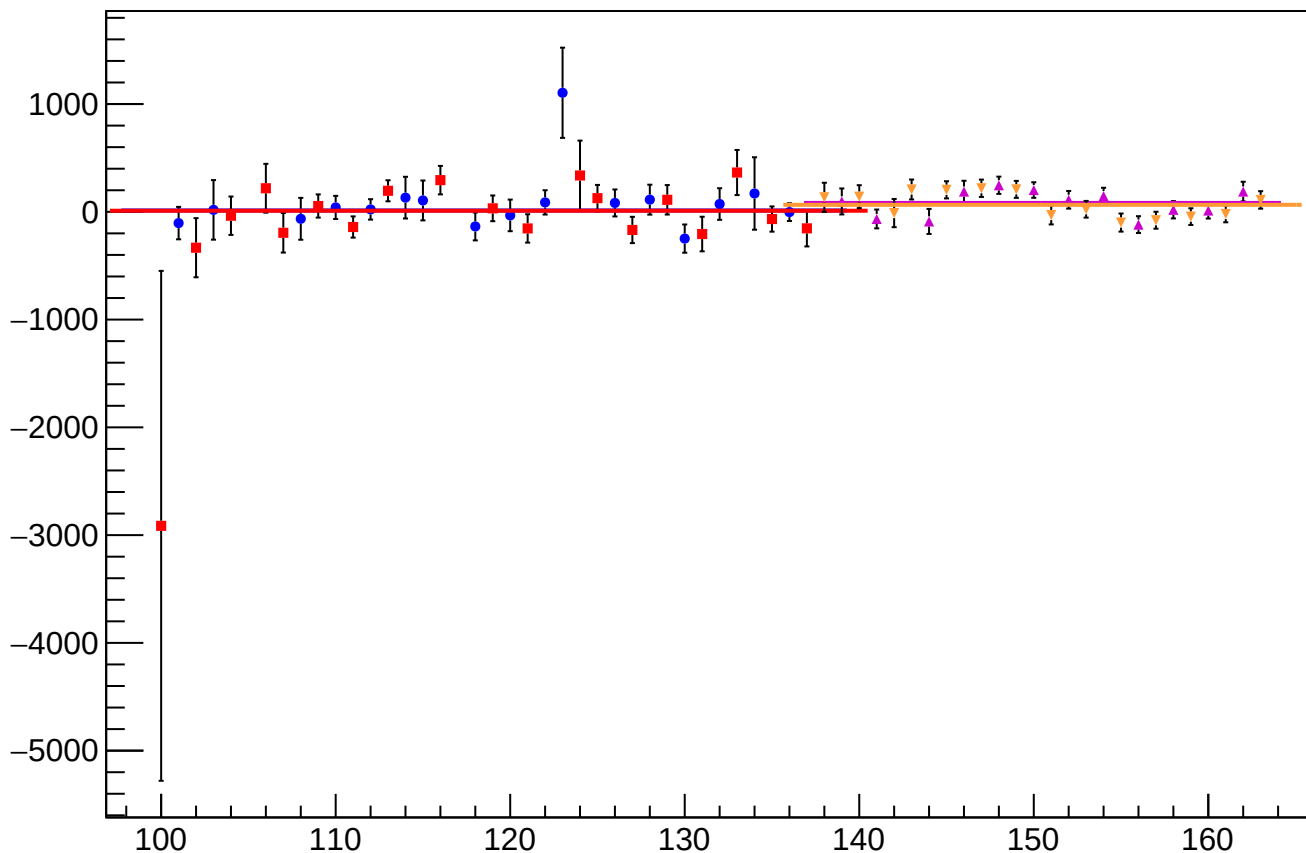
Right: 1296.809 $\pm$ 0.265 χ^2 /NDF: 3555718.8/35

In: 637.474 $\pm$ 0.123 χ^2 /NDF:6037248.7/28

Out: 661.995 $\pm$ 0.124 χ^2 /NDF:6828280.3/32

All: 649.691 $\pm$ 0.087 χ^2 /NDF: 12885183.8/63

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 64.900+/-23.062 χ^2/NDF : 25.6/13

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 82.455+/-24.530 χ^2/NDF : 23.5/11

Left: 73.136+/-16.802 χ^2/NDF : 49.4/25

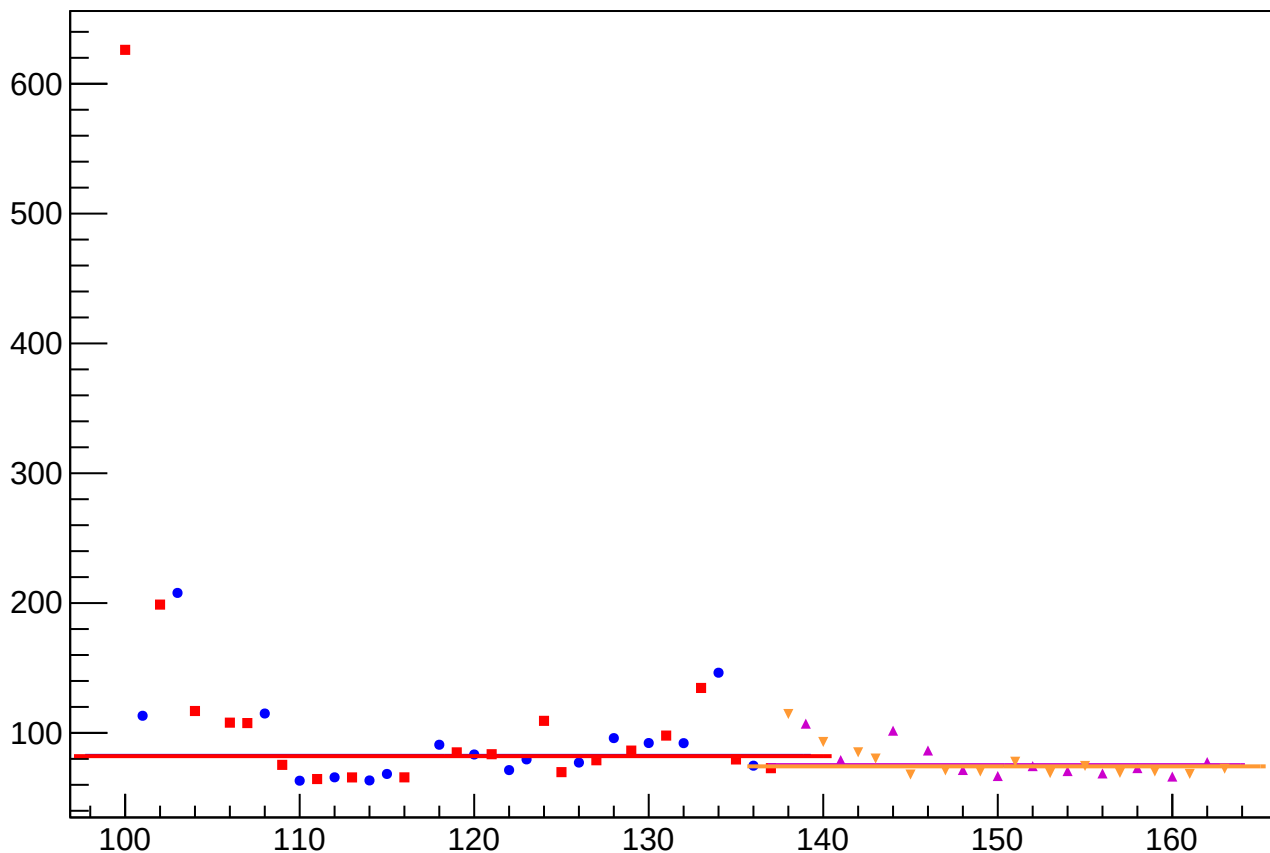
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 57.711+/-19.735 χ^2/NDF : 41.7/28

Out: 46.603+/-18.828 χ^2/NDF : 55.8/32

All: 51.896+/-13.623 χ^2/NDF : 97.7/61

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: 74.229 $\pm$ 0.016 χ^2 /NDF: 321356.3/13

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 75.180 $\pm$ 0.017 χ^2 /NDF: 357539.7/11

Left: 74.675 $\pm$ 0.012 χ^2 /NDF: 680492.5/25

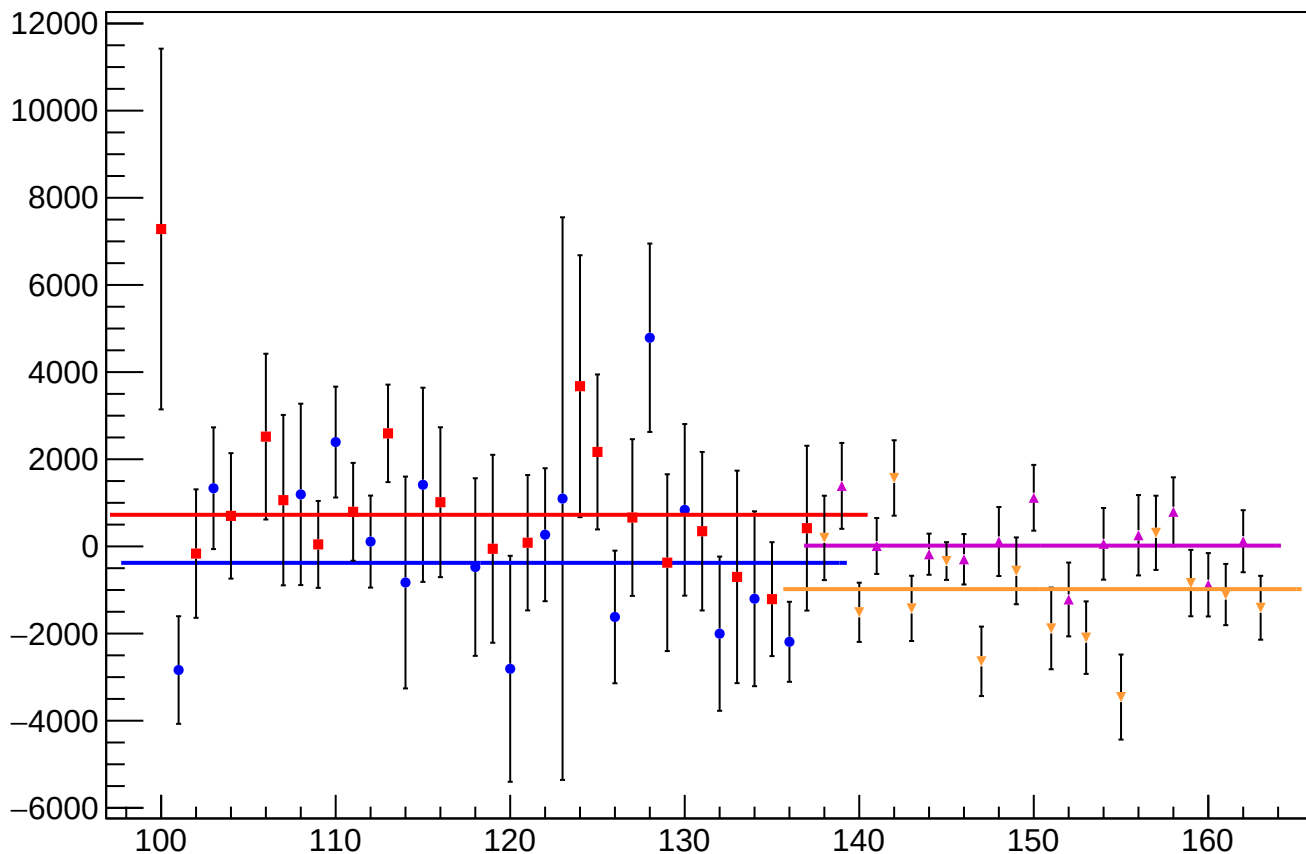
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 77.694 $\pm$ 0.014 χ^2 /NDF: 1285817.5/28

Out: 76.851 $\pm$ 0.013 χ^2 /NDF: 1357880.6/32

All: 77.252 $\pm$ 0.010 χ^2 /NDF: 2645608.5/61

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2 /NDF: 24.5/16

Left Out: -979.954 $\pm$ 197.704 χ^2 /NDF:29.8/13

Right Out: 725.204 $\pm$ 367.170 χ^2 /NDF: 11.9/18

Left In: 18.044 $\pm$ 204.980 χ^2 /NDF:9.2/11

Left: -498.982 $\pm$ 142.301 χ^2 /NDF: 51.3/25

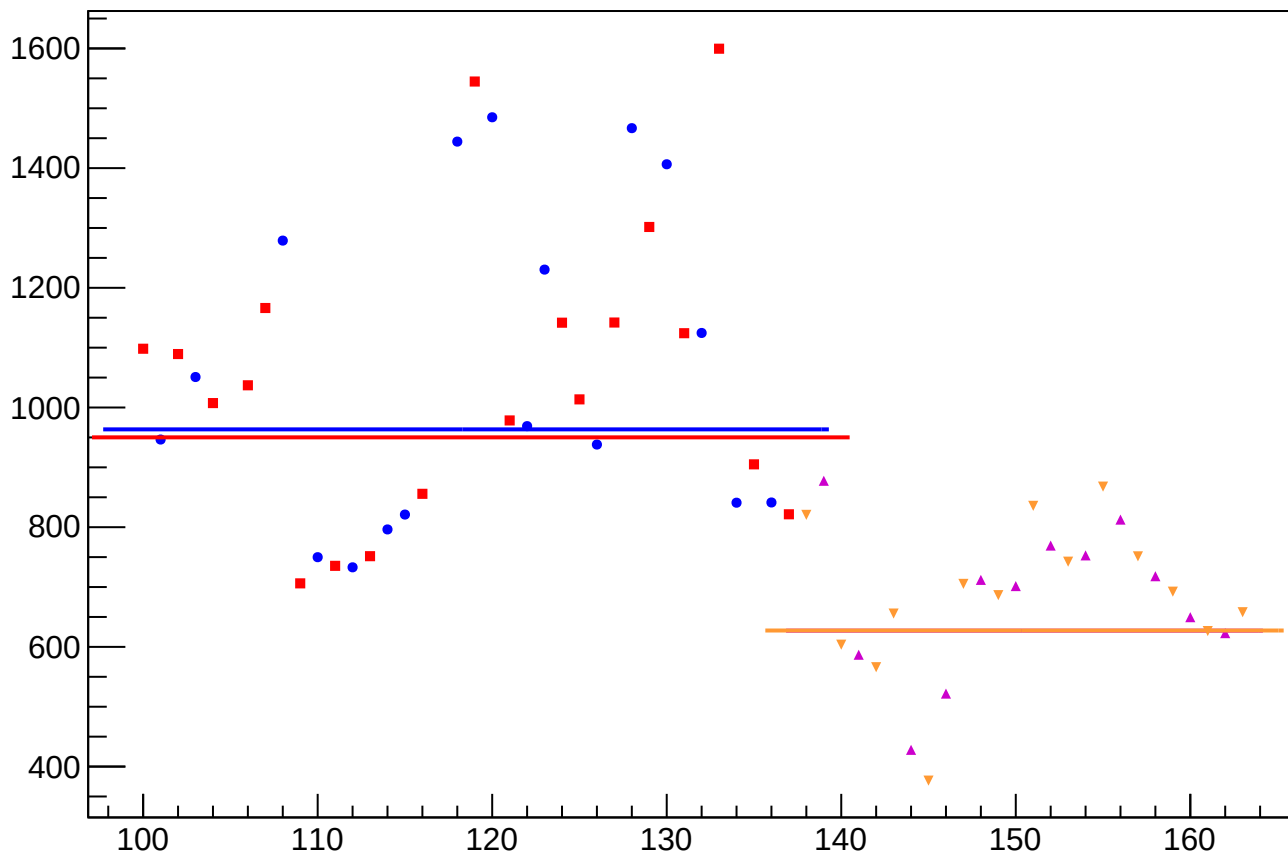
Right: 198.479 $\pm$ 265.345 χ^2 /NDF: 40.7/35

In: -69.669 $\pm$ 180.819 χ^2 /NDF:34.5/28

Out: -596.694 $\pm$ 174.073 χ^2 /NDF:58.4/32

All: -343.196 $\pm$ 125.405 χ^2 /NDF: 97.4/61

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: 627.361 $\pm$ 0.140 χ^2 /NDF:1116776.3/13

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 627.097 $\pm$ 0.145 χ^2 /NDF:814546.6/11

Left: 627.234 $\pm$ 0.101 χ^2 /NDF: 1931324.6/25

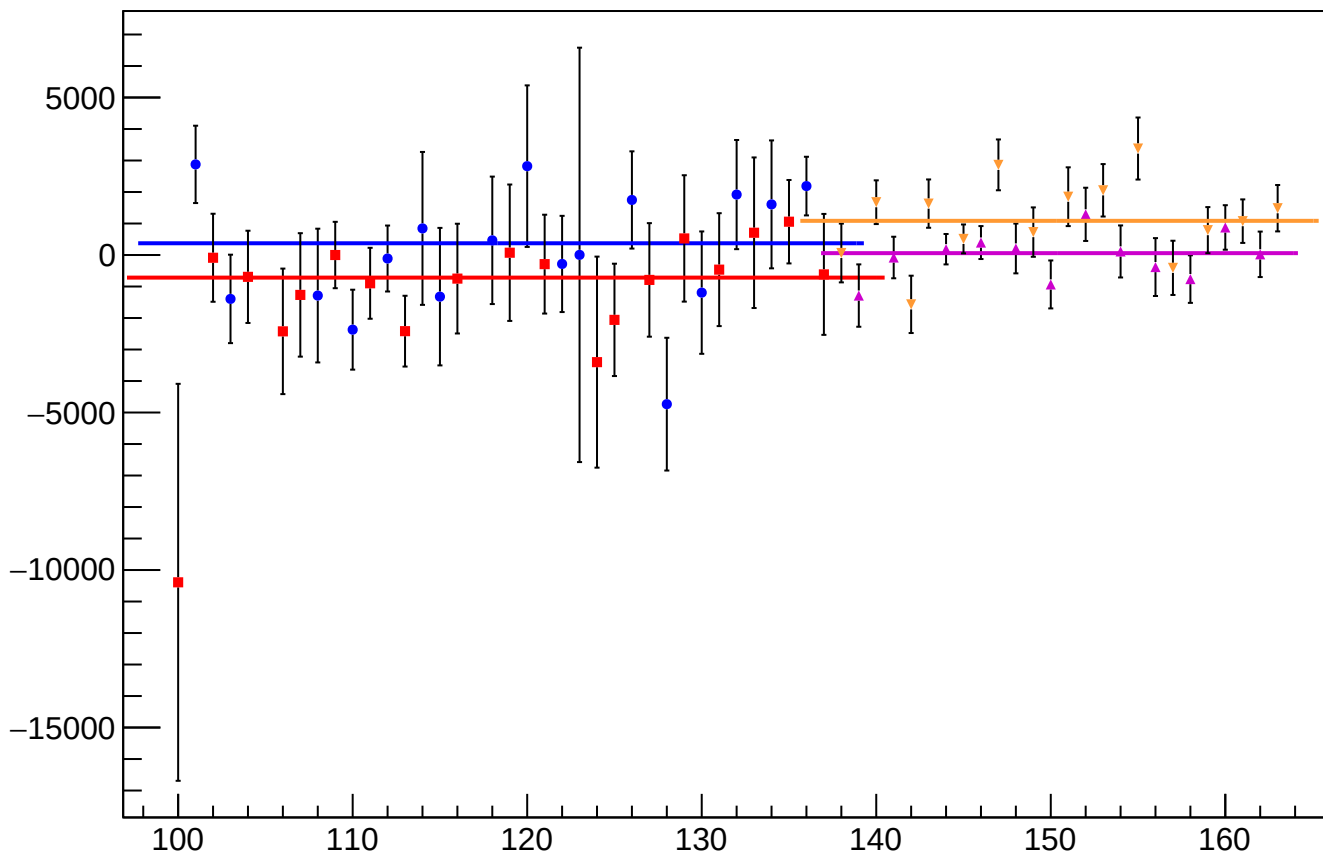
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 701.721 $\pm$ 0.128 χ^2 /NDF:2698245.5/28

Out: 699.906 $\pm$ 0.123 χ^2 /NDF:3046825.6/32

All: 700.779 $\pm$ 0.089 χ^2 /NDF: 5745175.6/61

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1084.980 $\pm$ 200.693 χ^2/NDF : 28.5/13

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: 59.072 $\pm$ 202.759 χ^2/NDF : 9.0/11

Left: 577.281 $\pm$ 142.636 χ^2/NDF : 50.4/25

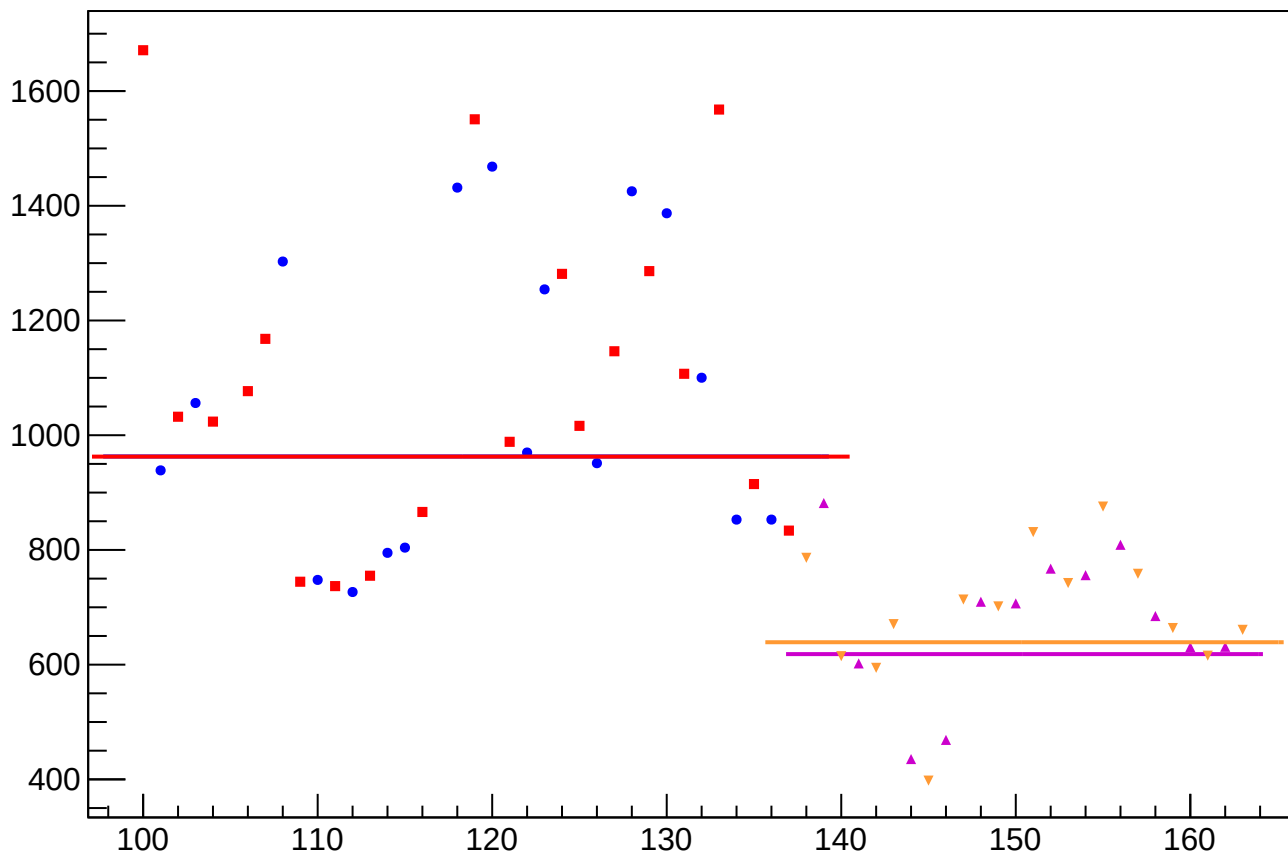
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 127.586 $\pm$ 179.265 χ^2/NDF : 34.8/28

Out: 678.258 $\pm$ 176.603 χ^2/NDF : 56.8/32

All: 407.041 $\pm$ 125.808 χ^2/NDF : 96.4/61

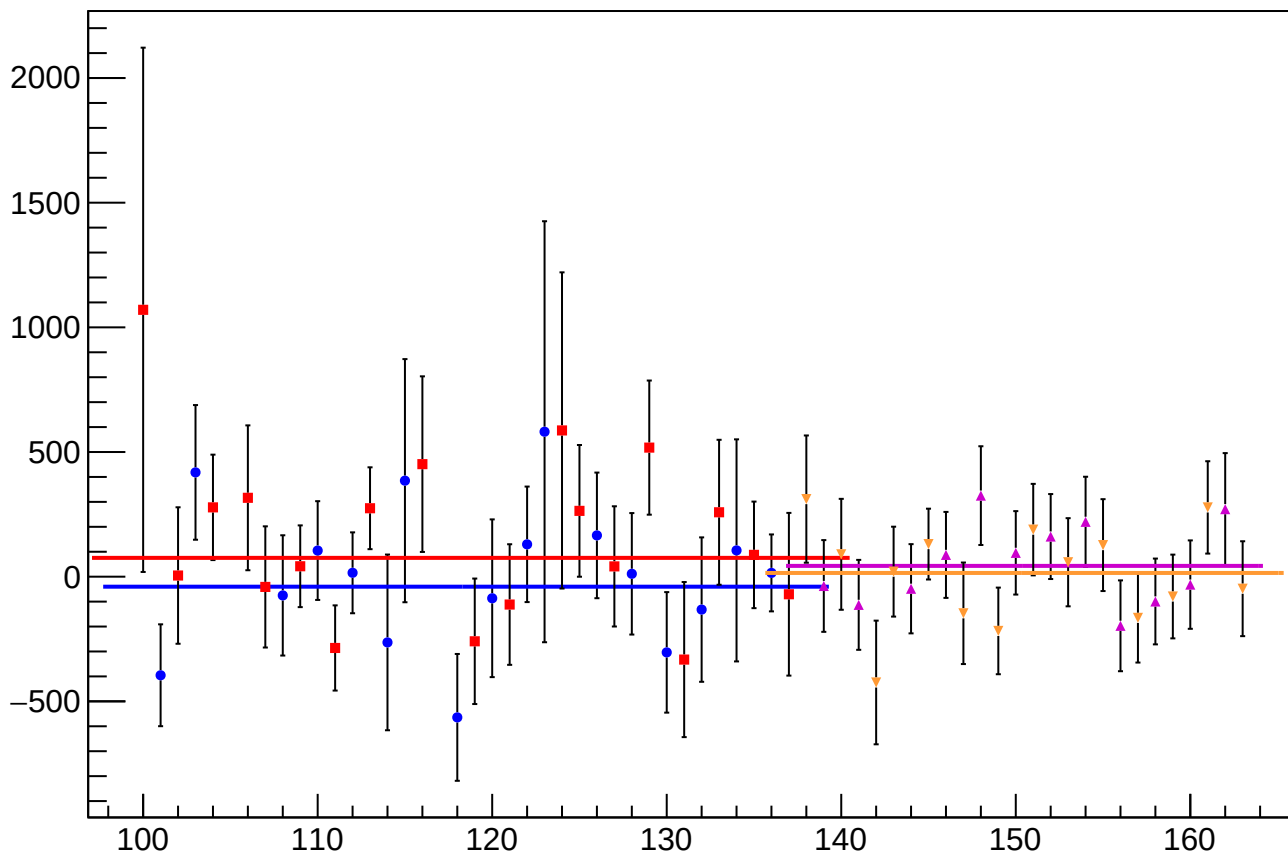
asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16
 Left Out: 639.089 $\pm$ 0.142 χ^2/NDF : 918570.9/13
 Right Out: 962.693 $\pm$ 0.263 χ^2/NDF : 696385.7/18
 Left In: 618.390 $\pm$ 0.143 χ^2/NDF : 867930.7/11

Left: 628.845 $\pm$ 0.101 χ^2/NDF : 1797030.8/25
 Right: 962.827 $\pm$ 0.189 χ^2/NDF : 1363908.2/35
 In: 693.618 $\pm$ 0.127 χ^2/NDF : 2796540.0/28
 Out: 712.113 $\pm$ 0.125 χ^2/NDF : 2788348.8/32
 All: 703.004 $\pm$ 0.089 χ^2/NDF : 5595691.7/61

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: 14.962 ± 49.758 $\chi^2/\text{NDF}: 12.5/13$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 43.304 ± 52.204 $\chi^2/\text{NDF}: 8.5/11$

Left: 28.453 ± 36.018 $\chi^2/\text{NDF}: 21.1/25$

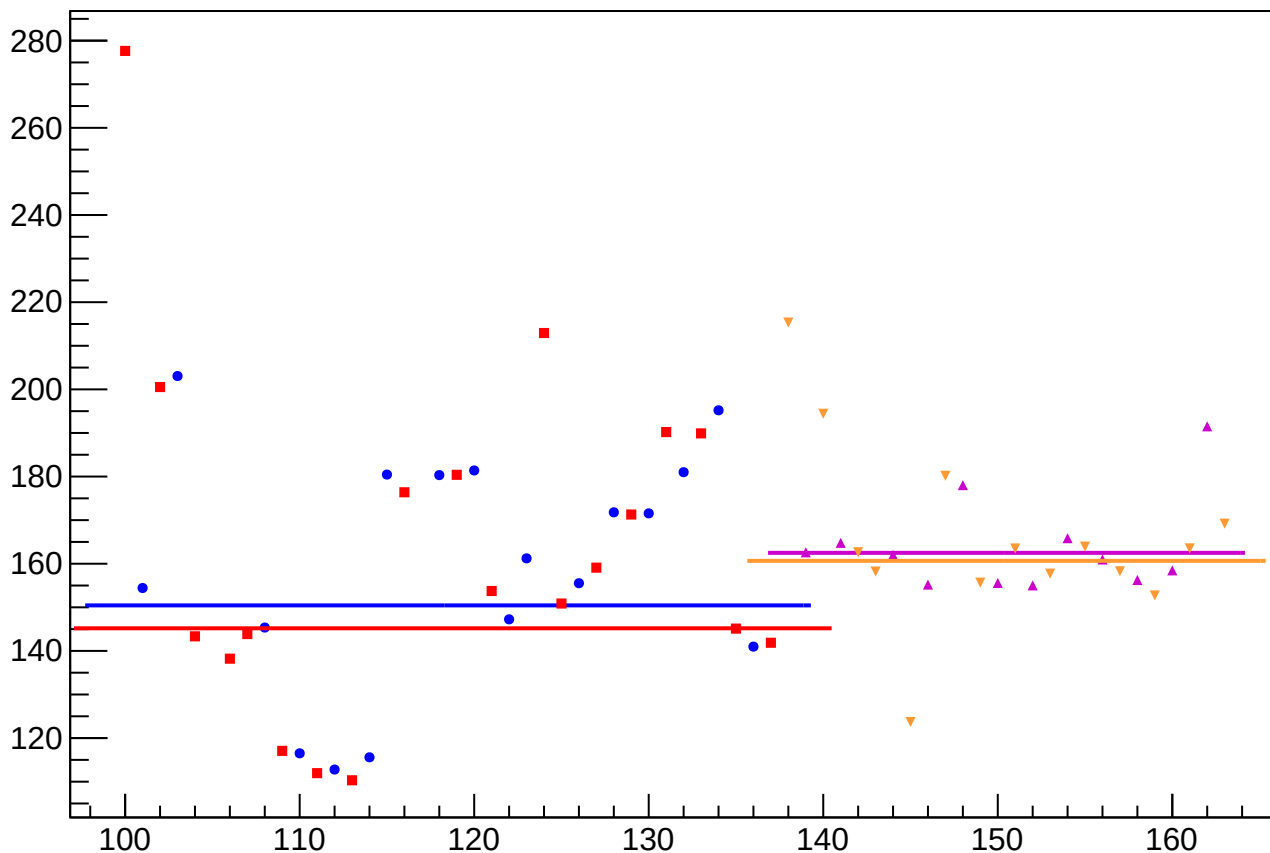
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 6.849 ± 39.171 $\chi^2/\text{NDF}: 24.9/28$

Out: 41.529 ± 37.264 $\chi^2/\text{NDF}: 31.6/32$

All: 25.053 ± 26.999 $\chi^2/\text{NDF}: 56.9/61$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.661 $\pm$ 0.035 χ^2 /NDF:304888.4/13

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 162.496 $\pm$ 0.037 χ^2 /NDF:61292.3/11

Left: 161.534 $\pm$ 0.025 χ^2 /NDF: 367476.4/25

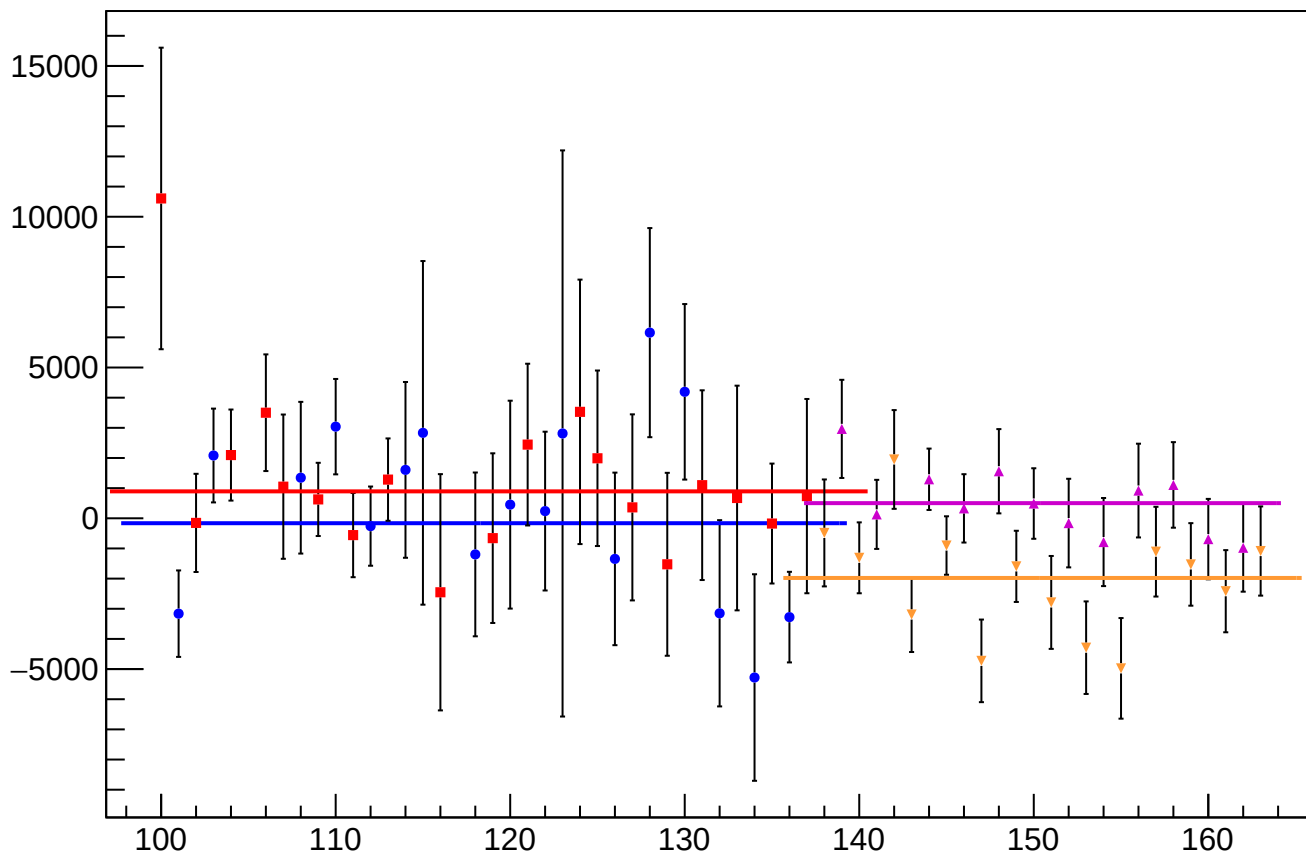
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.229 $\pm$ 0.028 χ^2 /NDF:508014.3/28

Out: 153.866 $\pm$ 0.026 χ^2 /NDF:925519.9/32

All: 155.463 $\pm$ 0.019 χ^2 /NDF: 1441273.1/61

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1978.391 ± 363.613 χ^2/NDF : 19.8/13

Right Out: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 502.706 ± 377.853 χ^2/NDF : 6.7/11

Left: -785.473 ± 262.003 χ^2/NDF : 48.9/25

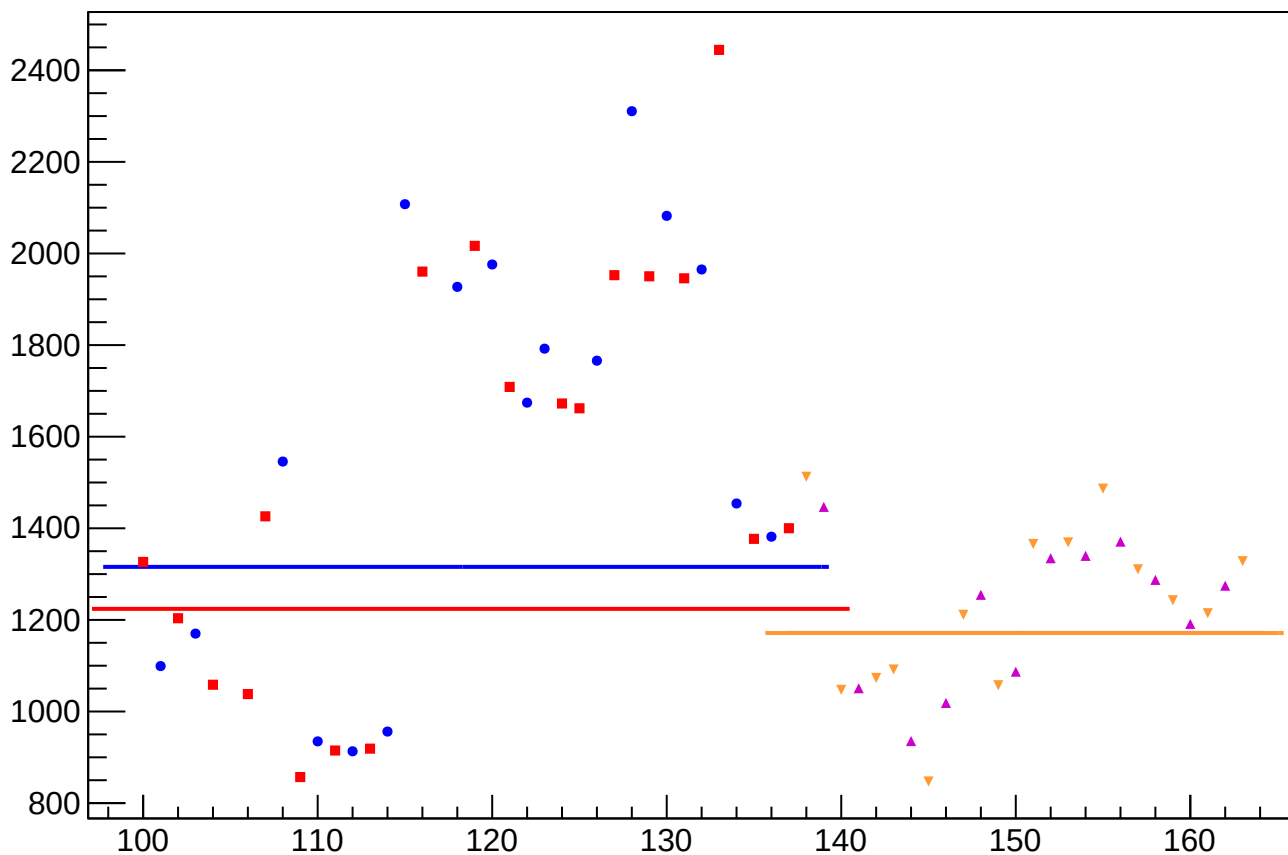
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 280.203 ± 308.284 χ^2/NDF : 32.8/28

Out: -943.286 ± 290.784 χ^2/NDF : 53.0/32

All: -367.253 ± 211.531 χ^2/NDF : 94.1/61

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1171.383 $\pm$ 0.257 χ^2 /NDF: 539645.7/13

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1171.555 $\pm$ 0.267 χ^2 /NDF: 348820.4/11

Left: 1171.465 $\pm$ 0.185 χ^2 /NDF: 888466.3/25

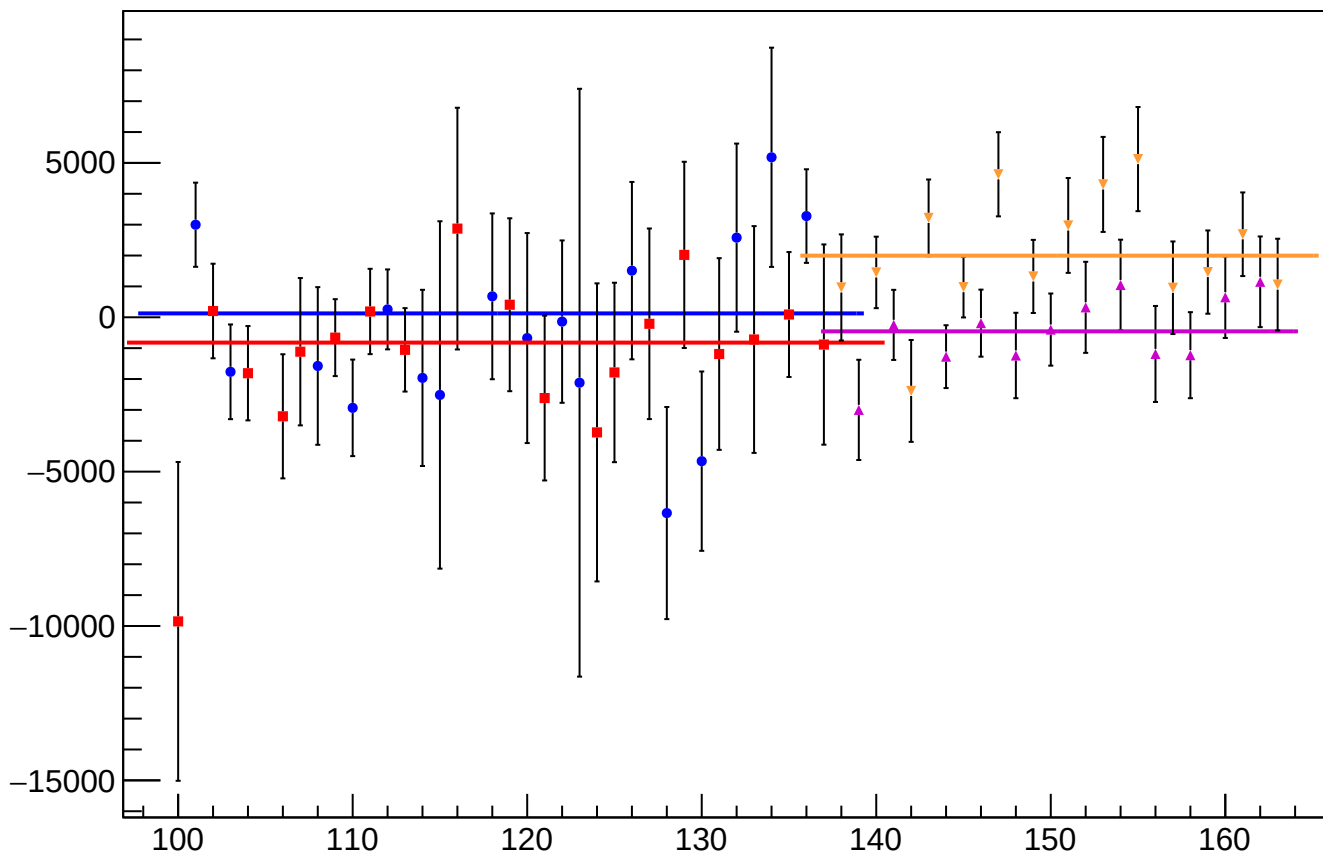
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1219.775 $\pm$ 0.218 χ^2 /NDF: 1564592.9/28

Out: 1190.403 $\pm$ 0.206 χ^2 /NDF: 1918730.5/32

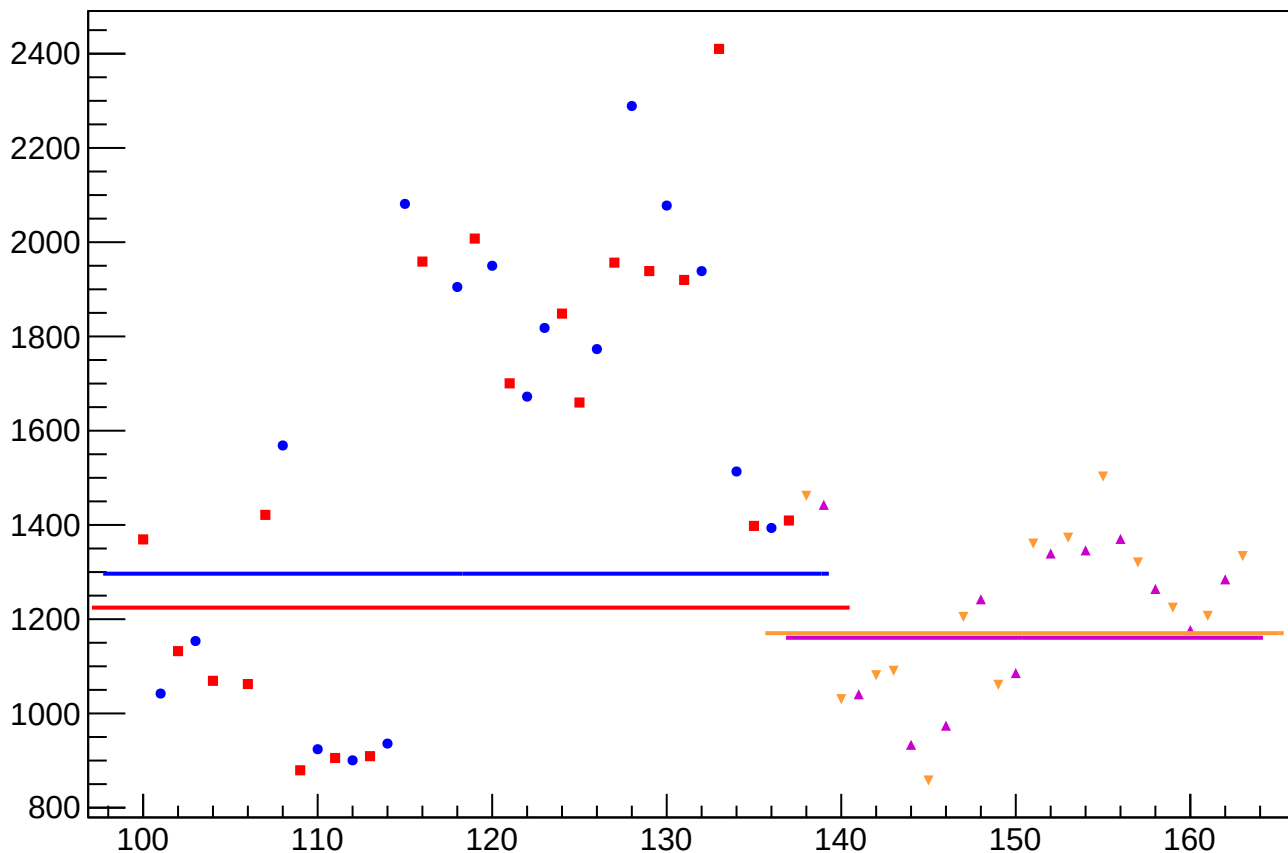
All: 1204.232 $\pm$ 0.150 χ^2 /NDF: 3492930.7/63

asym_sam_48_avg_mean vs Slug, Sign Corrected



Left: 808.337 ± 260.904 $\chi^2/\text{NDF}: 50.5/25$
 Right: -386.748 ± 356.675 $\chi^2/\text{NDF}: 35.5/35$
 In: -260.515 ± 305.439 $\chi^2/\text{NDF}: 32.7/28$
 Out: 982.680 ± 290.714 $\chi^2/\text{NDF}: 51.8/32$
 All: 391.771 ± 210.579 $\chi^2/\text{NDF}: 93.2/61$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1170.357 $\pm$ 0.257 χ^2 /NDF: 513416.2/13

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1160.593 $\pm$ 0.265 χ^2 /NDF: 379806.6/11

Left: 1165.627 $\pm$ 0.184 χ^2 /NDF: 893922.5/25

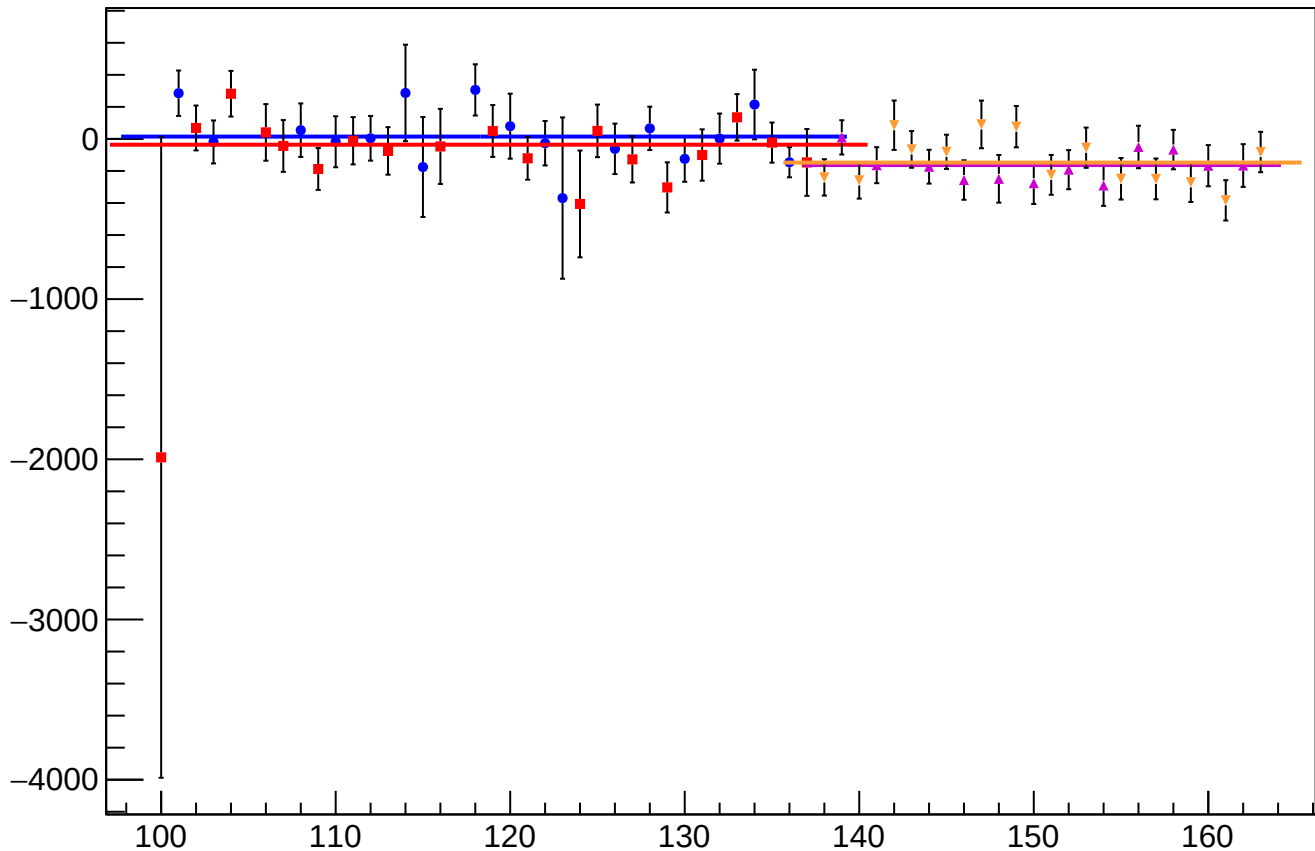
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1206.305 $\pm$ 0.216 χ^2 /NDF: 1643732.4/28

Out: 1189.859 $\pm$ 0.206 χ^2 /NDF: 1877705.9/32

All: 1197.676 $\pm$ 0.149 χ^2 /NDF: 3524480.4/63

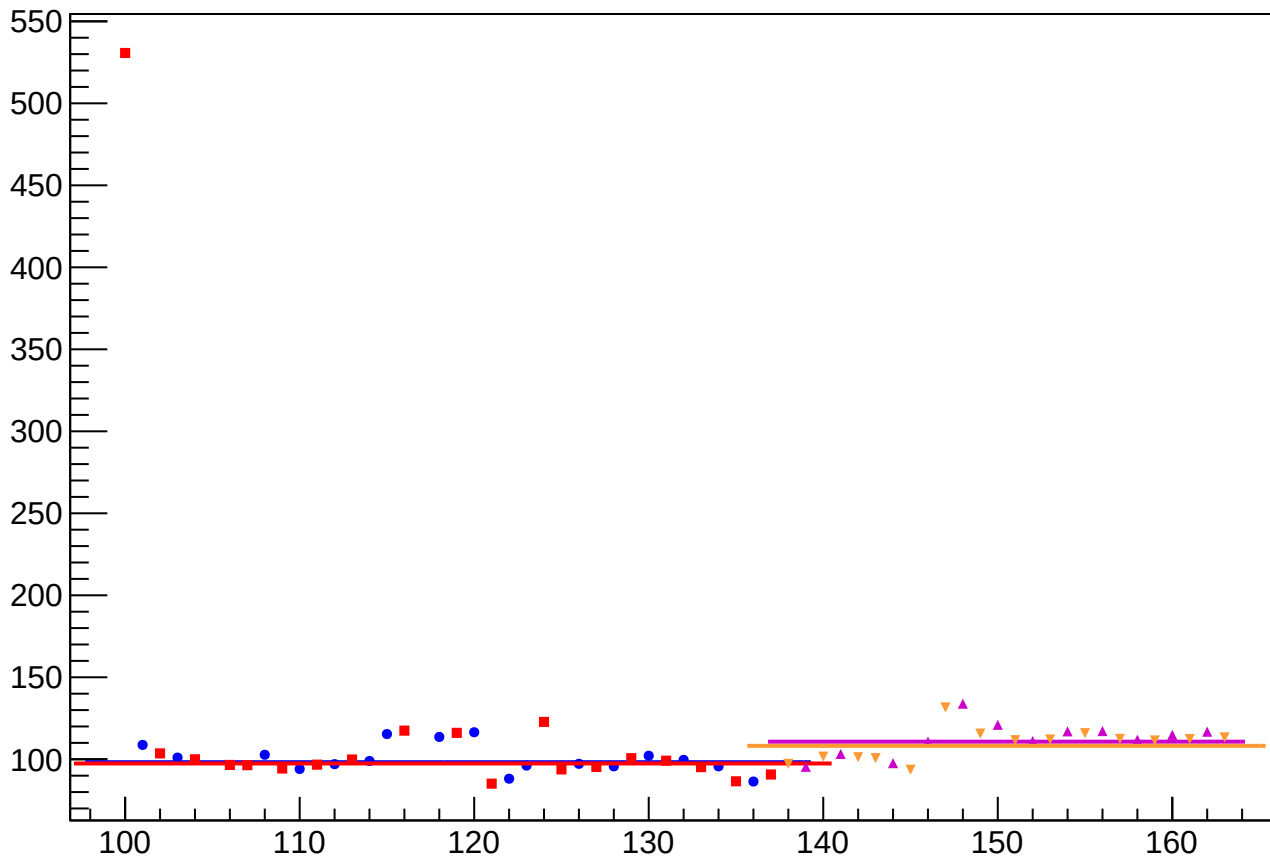
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -147.562 ± 33.198 $\chi^2/\text{NDF}: 17.4/13$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -163.110 ± 35.473 $\chi^2/\text{NDF}: 6.7/11$

Left: -154.822 ± 24.239 $\chi^2/\text{NDF}: 24.1/25$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -80.410 ± 25.936 $\chi^2/\text{NDF}: 32.6/28$
 Out: -97.449 ± 24.626 $\chi^2/\text{NDF}: 37.9/32$
 All: -89.370 ± 17.858 $\chi^2/\text{NDF}: 70.7/61$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 108.184+/-0.023 χ^2/NDF : 151145.1/13

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 110.734+/-0.025 χ^2/NDF : 157871.6/11

Left: 109.375+/-0.017 χ^2/NDF : 314523.7/25

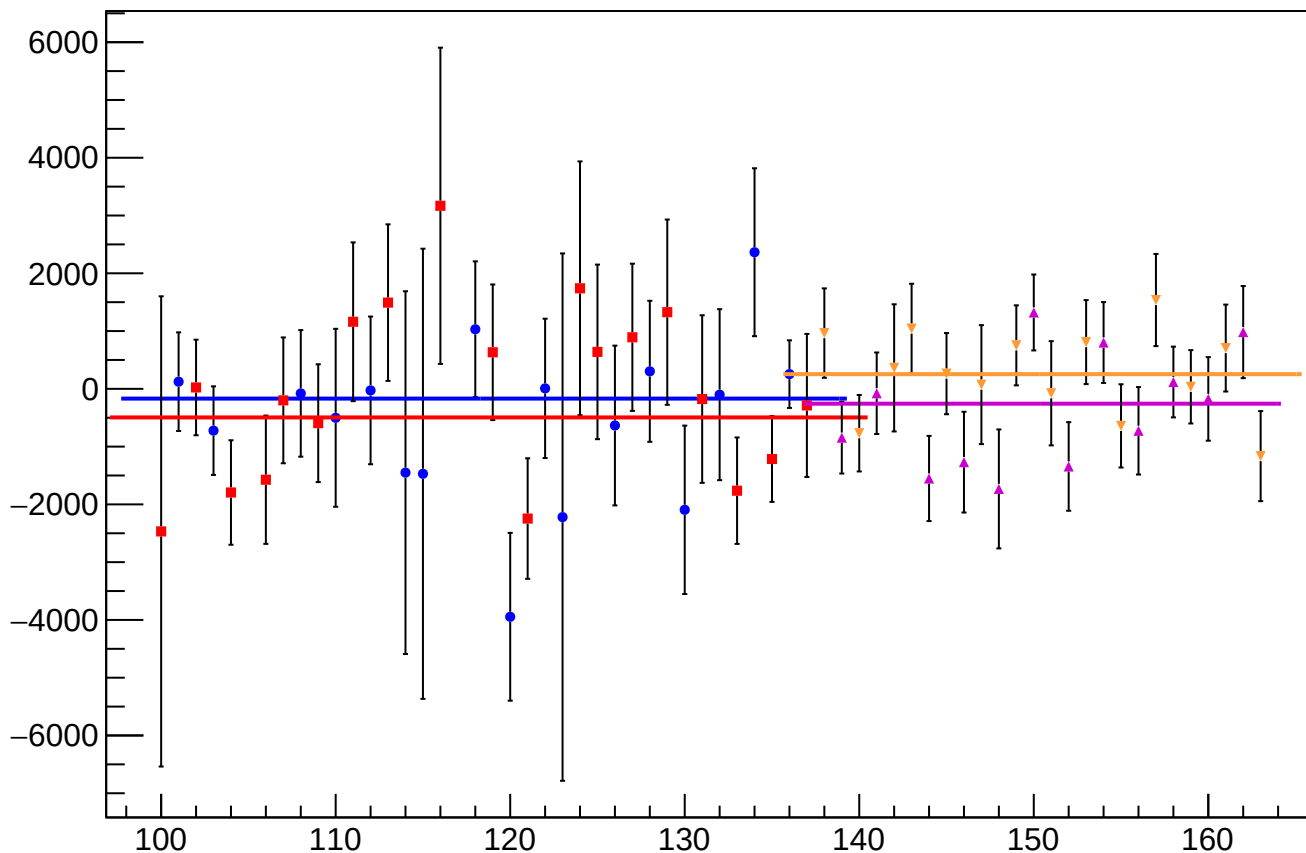
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 104.909+/-0.018 χ^2/NDF : 374242.0/28

Out: 103.351+/-0.017 χ^2/NDF : 435491.0/32

All: 104.090+/-0.013 χ^2/NDF : 813529.9/61

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 253.933 ± 204.119 χ^2/NDF : 13.5/13

Right Out: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -257.097 ± 210.100 χ^2/NDF : 20.7/11

Left: 5.795 ± 146.403 χ^2/NDF : 37.2/25

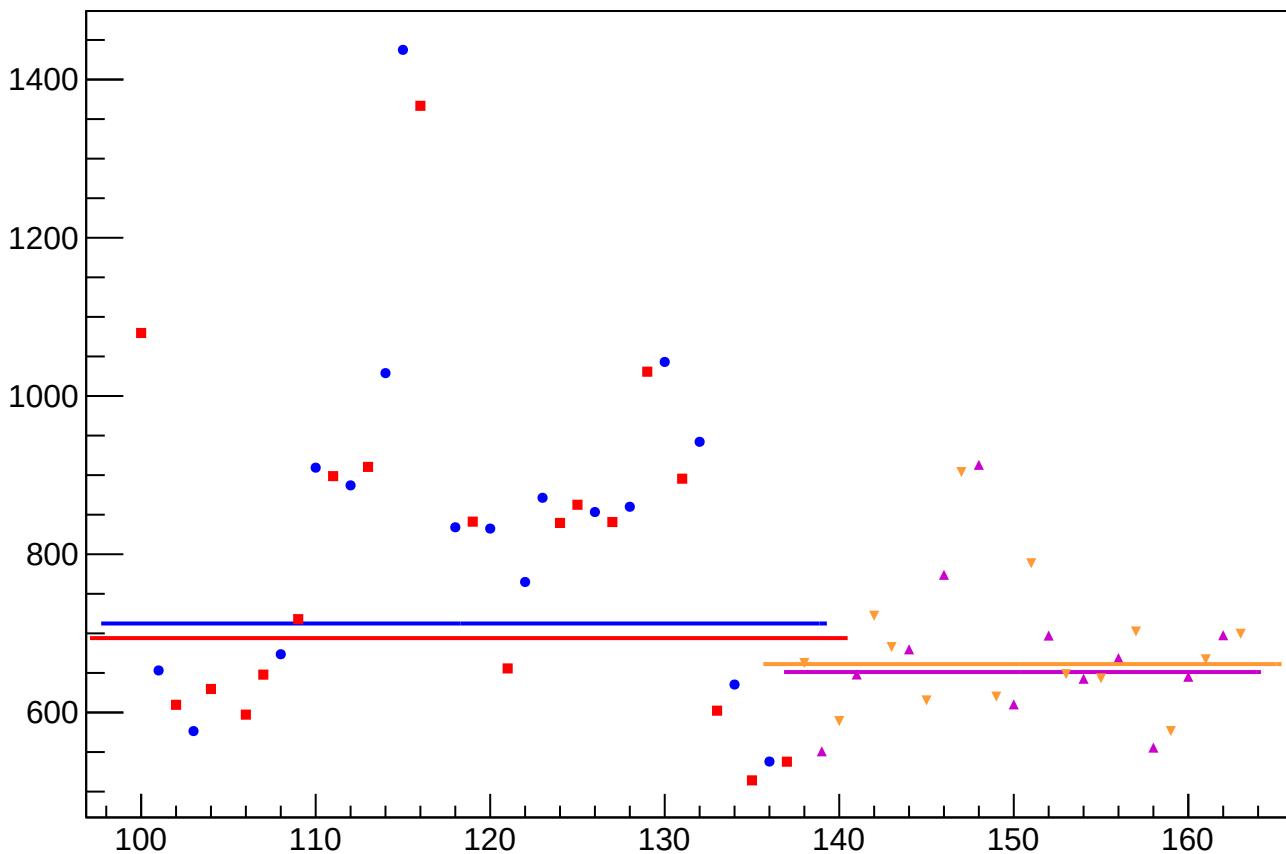
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -225.606 ± 168.518 χ^2/NDF : 35.4/28

Out: -21.712 ± 162.257 χ^2/NDF : 38.2/32

All: -119.801 ± 116.884 χ^2/NDF : 74.4/61

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: 661.172 $\pm$ 0.144 χ^2/NDF : 245770.8/13

Right Out: 694.014 $\pm$ 0.189 χ^2/NDF : 674989.2/18

Left In: 651.138 $\pm$ 0.149 χ^2/NDF : 296210.6/11

Left: 656.300 $\pm$ 0.104 χ^2/NDF : 544327.8/25

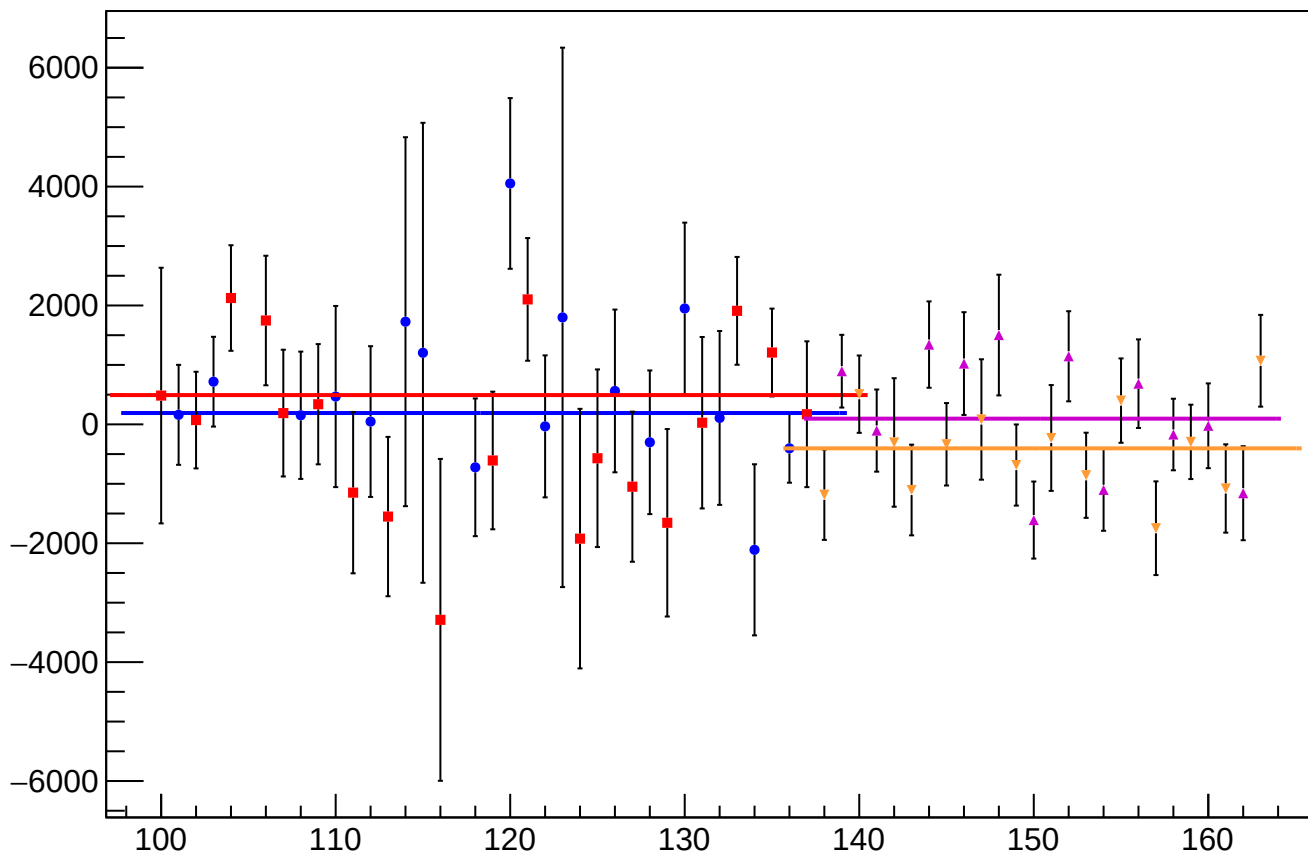
Right: 702.750 $\pm$ 0.137 χ^2/NDF : 1340019.7/35

In: 673.015 $\pm$ 0.119 χ^2/NDF : 1017528.0/28

Out: 673.262 $\pm$ 0.115 χ^2/NDF : 939820.2/32

All: 673.143 $\pm$ 0.083 χ^2/NDF : 1957350.5/61

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -403.719 ± 201.136 $\chi^2/\text{NDF}: 13.4/13$

Right Out: 492.659 ± 262.648 $\chi^2/\text{NDF}: 22.8/18$

Left In: 95.858 ± 207.047 $\chi^2/\text{NDF}: 23.0/11$

Left: -161.163 ± 144.269 $\chi^2/\text{NDF}: 39.4/25$

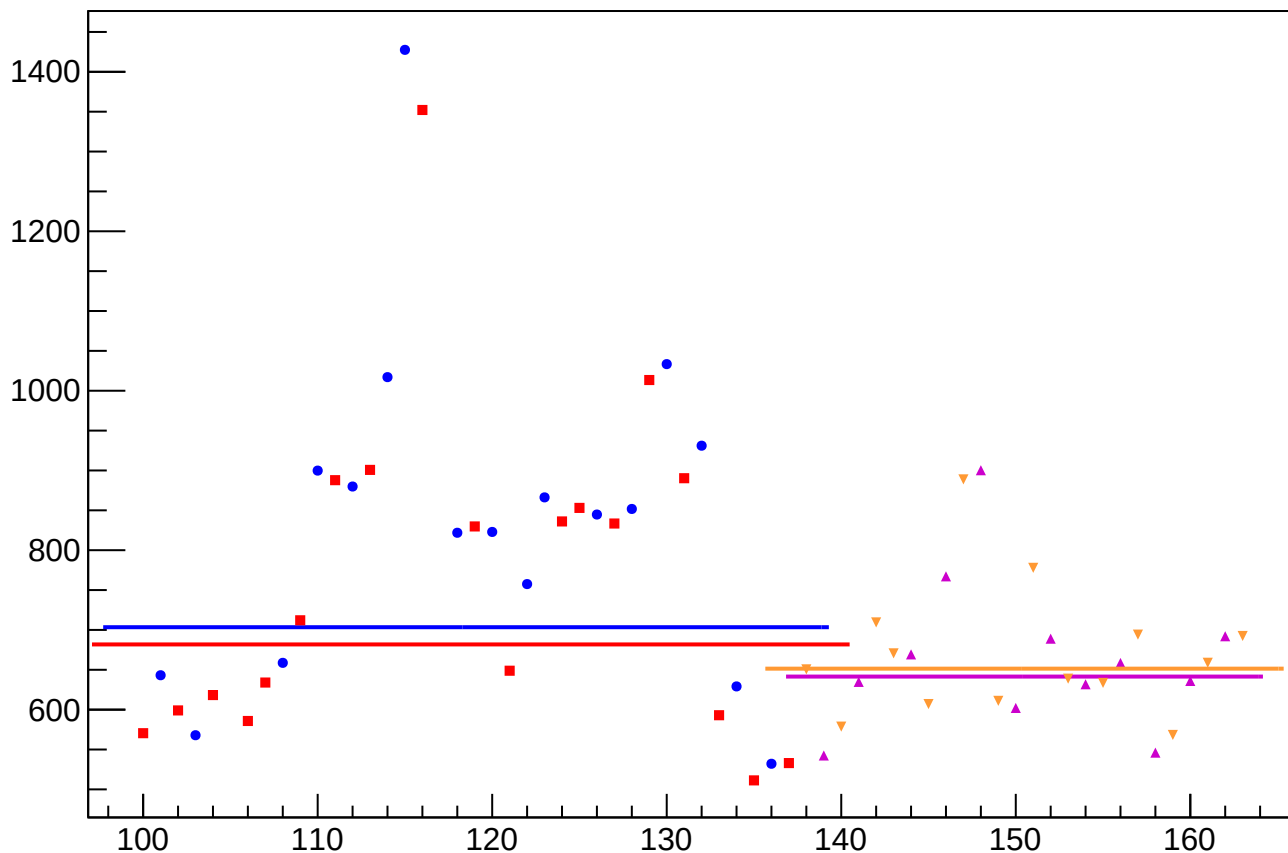
Right: 350.694 ± 191.134 $\chi^2/\text{NDF}: 37.6/35$

In: 129.655 ± 166.195 $\chi^2/\text{NDF}: 37.3/28$

Out: -72.363 ± 159.690 $\chi^2/\text{NDF}: 43.5/32$

All: 24.615 ± 115.149 $\chi^2/\text{NDF}: 81.6/61$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 651.417 $\pm$ 0.142 χ^2 /NDF:246317.9/13

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 641.490 $\pm$ 0.146 χ^2 /NDF:302921.7/11

Left: 646.597 $\pm$ 0.102 χ^2 /NDF: 551605.0/25

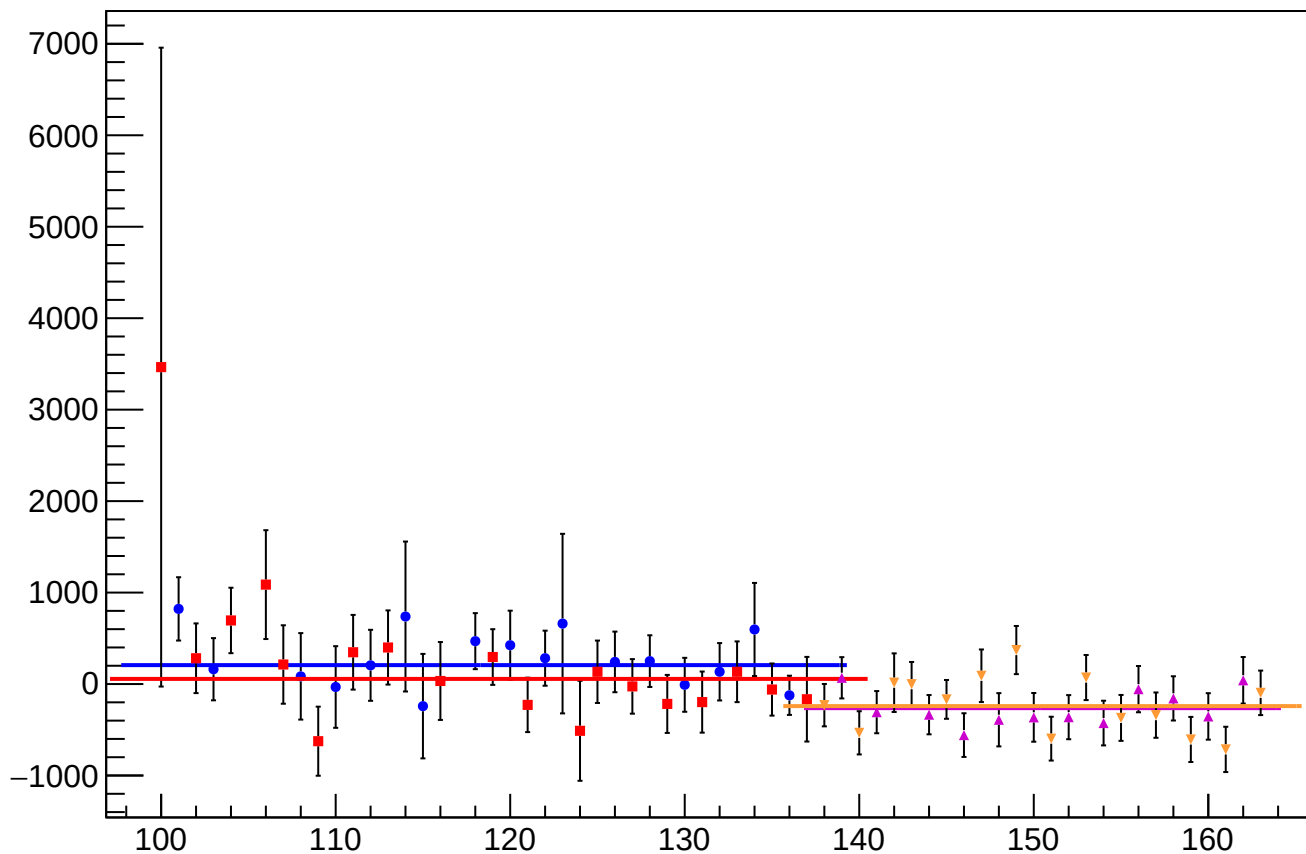
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 663.512 $\pm$ 0.118 χ^2 /NDF:1033422.8/28

Out: 662.651 $\pm$ 0.113 χ^2 /NDF:927993.5/32

All: 663.064 $\pm$ 0.081 χ^2 /NDF: 1961444.3/61

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: -241.162 $\pm$ 66.269 χ^2 /NDF:20.4/13

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -263.483 $\pm$ 70.505 χ^2 /NDF:7.2/11

Left: -251.632 $\pm$ 48.287 χ^2 /NDF: 27.7/25

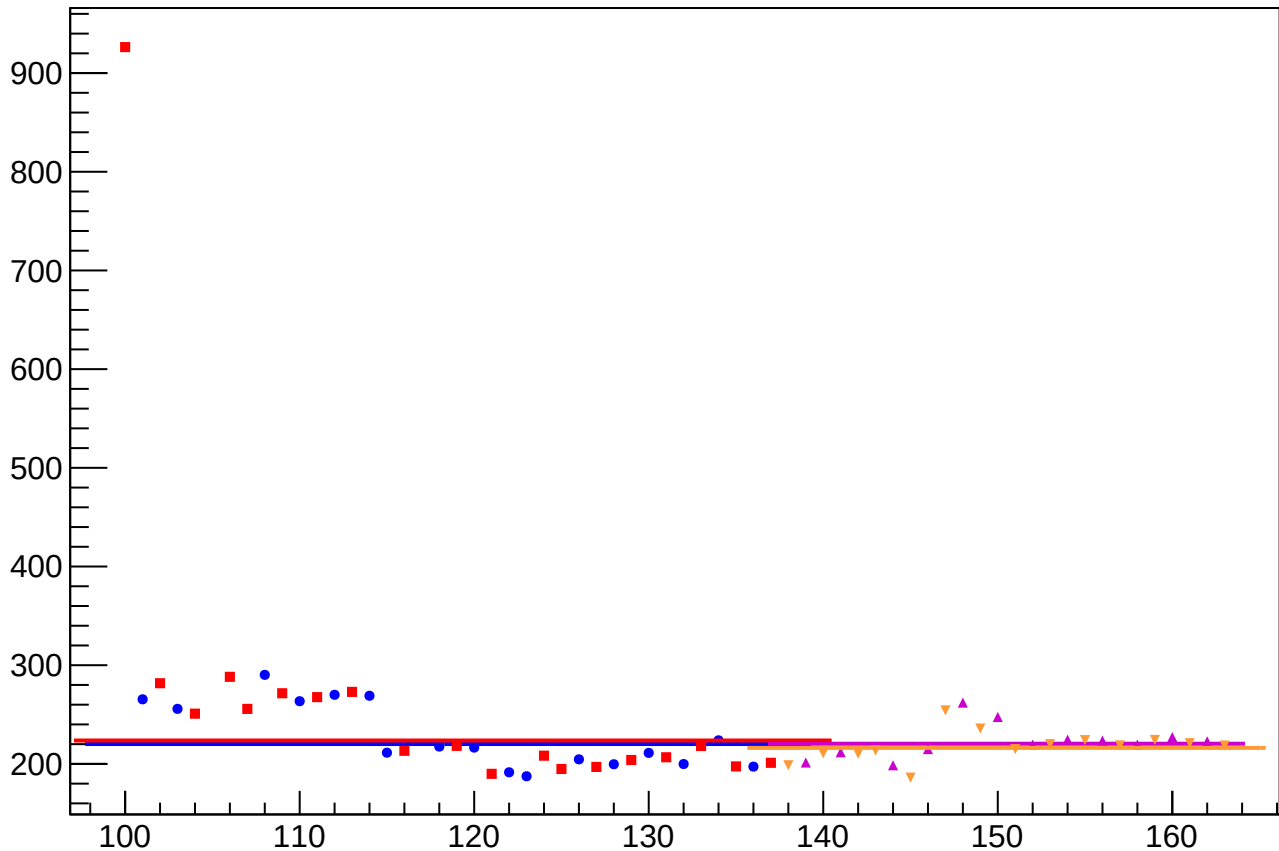
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -73.450 $\pm$ 54.430 χ^2 /NDF:34.7/28

Out: -129.015 $\pm$ 52.301 χ^2 /NDF:44.7/32

All: -102.340 $\pm$ 37.713 χ^2 /NDF: 79.9/61

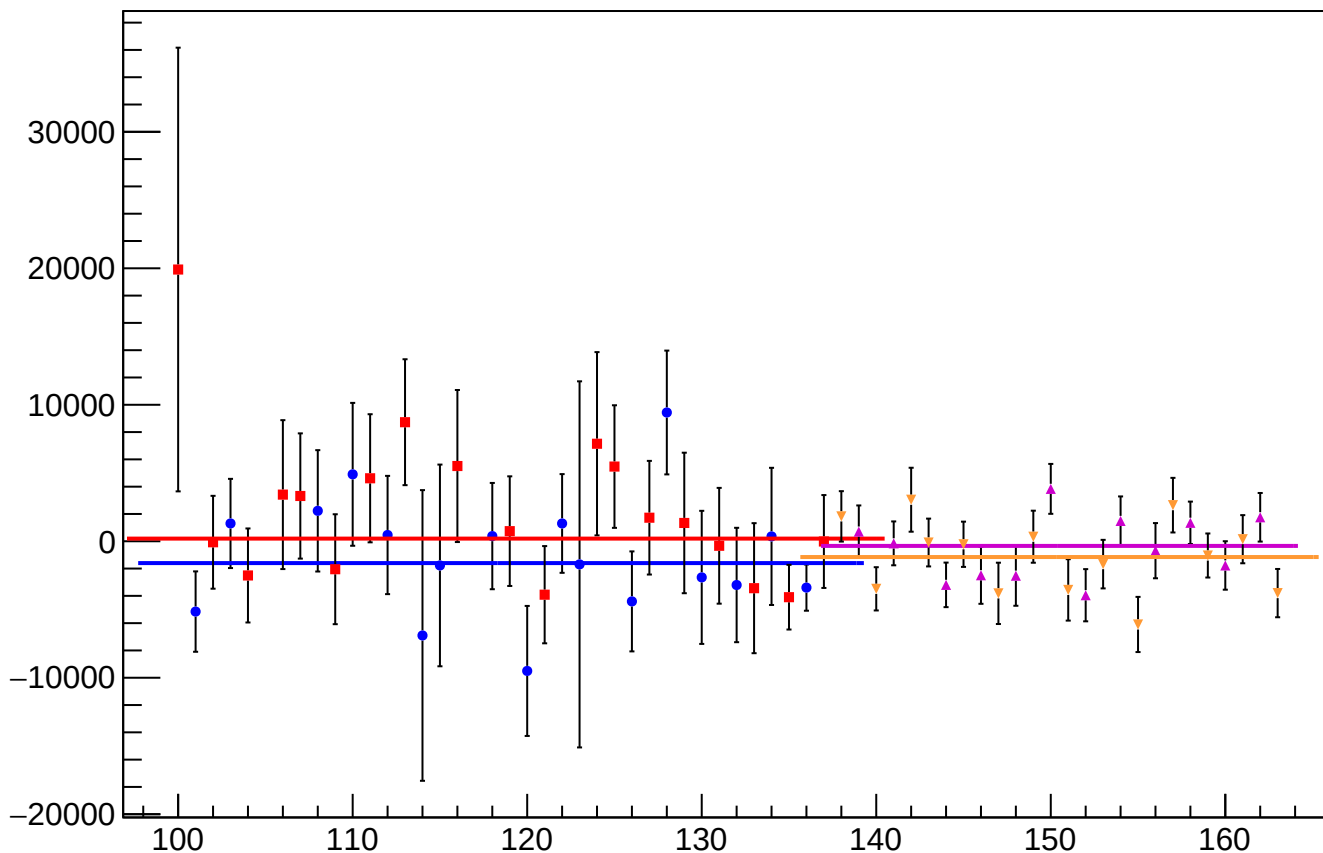
dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16
 Left Out: 216.214 $\pm$ 0.047 χ^2 /NDF: 105790.0/13
 Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18
 Left In: 220.439 $\pm$ 0.050 χ^2 /NDF: 102908.6/11

Left: 218.196 $\pm$ 0.034 χ^2 /NDF: 212511.4/25
 Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35
 In: 220.315 $\pm$ 0.038 χ^2 /NDF: 331367.8/28
 Out: 219.039 $\pm$ 0.037 χ^2 /NDF: 468671.5/32
 All: 219.652 $\pm$ 0.027 χ^2 /NDF: 800610.7/61

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1155.886 $\pm$ 495.646 χ^2 /NDF:24.3/13

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -340.294 $\pm$ 523.843 χ^2 /NDF:18.5/11

Left: -770.630 $\pm$ 360.031 χ^2 /NDF: 44.1/25

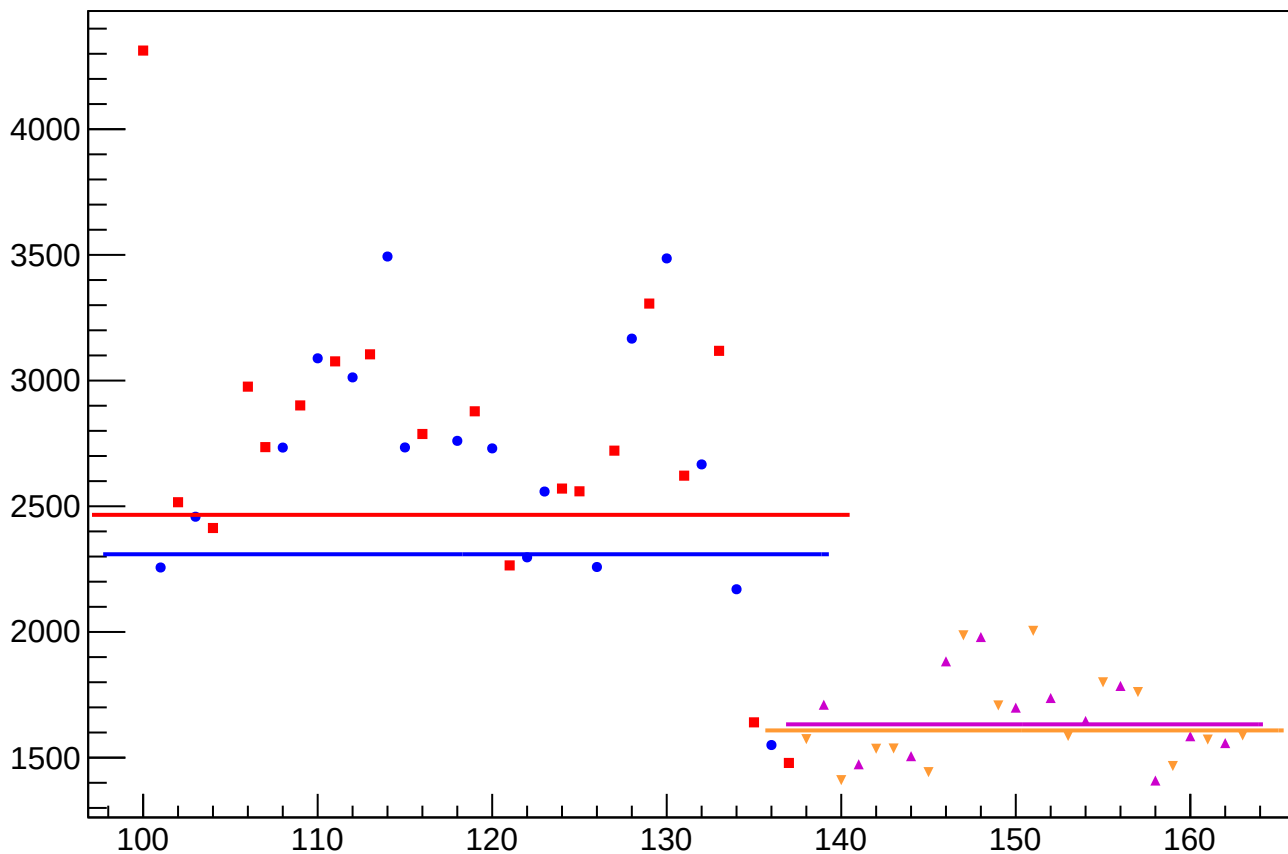
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -647.952 $\pm$ 455.348 χ^2 /NDF:36.5/28

Out: -865.644 $\pm$ 439.184 χ^2 /NDF:42.2/32

All: -760.730 $\pm$ 316.110 χ^2 /NDF: 78.8/61

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1608.337 $\pm$ 0.350 χ^2 /NDF: 227794.2/13

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1632.510 $\pm$ 0.370 χ^2 /NDF: 179822.4/11

Left: 1619.755 $\pm$ 0.255 χ^2 /NDF: 409863.8/25

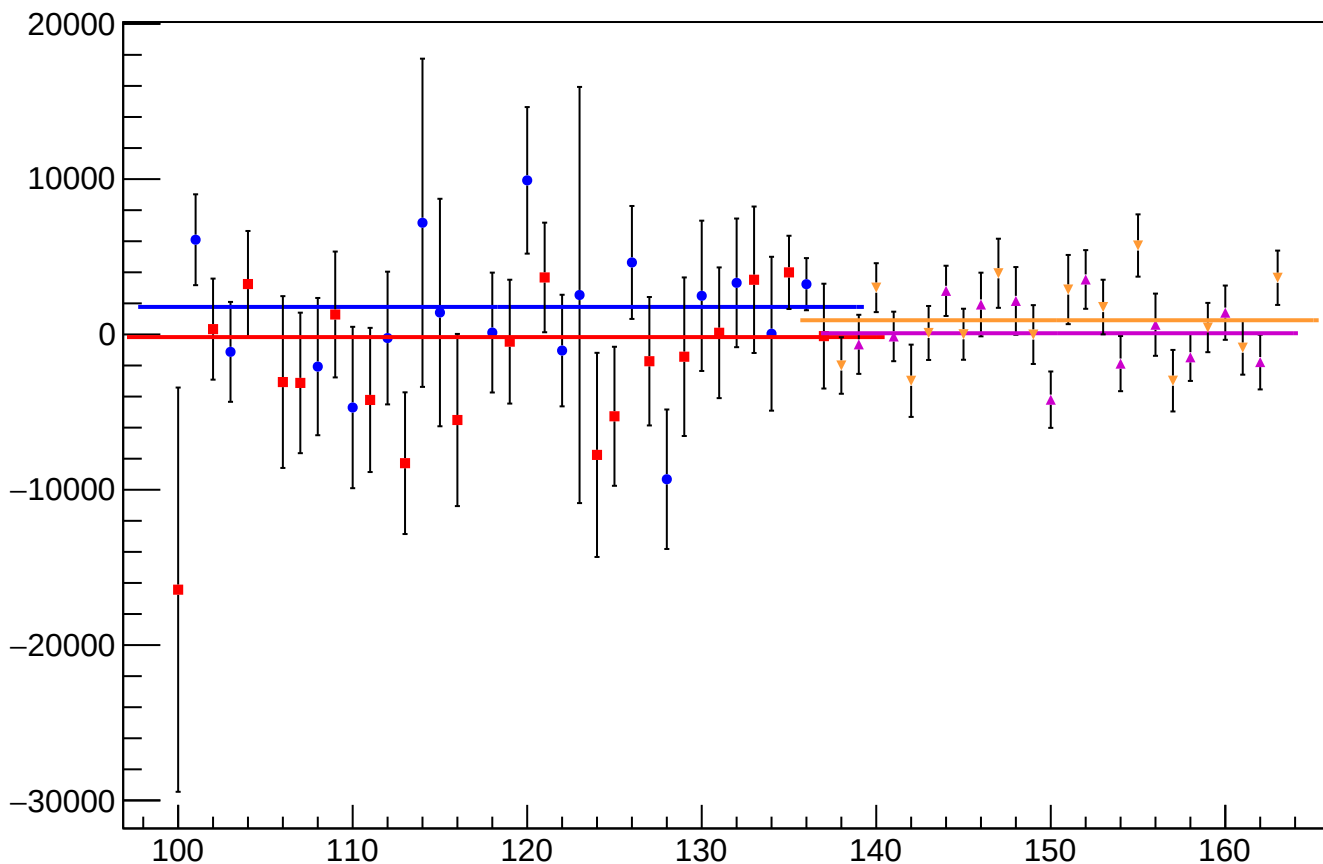
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1797.886 $\pm$ 0.322 χ^2 /NDF: 1796092.5/28

Out: 1792.591 $\pm$ 0.311 χ^2 /NDF: 2208260.8/32

All: 1795.143 $\pm$ 0.224 χ^2 /NDF: 4004493.4/63

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 913.253+/-490.564 χ^2/NDF : 23.9/13

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 77.282+/-517.635 χ^2/NDF : 17.6/11

Left: 517.698+/-356.067 χ^2/NDF : 43.0/25

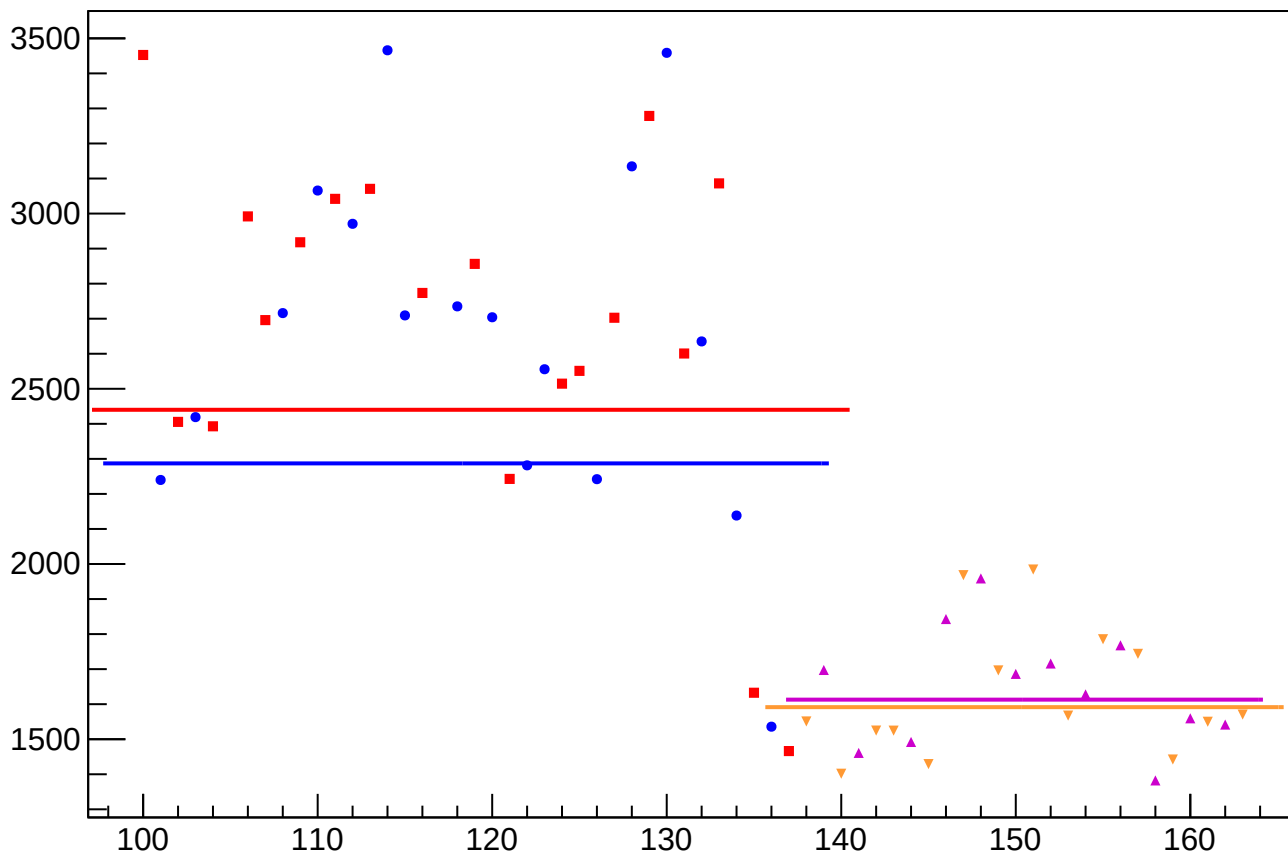
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 489.810+/-450.217 χ^2/NDF : 37.6/28

Out: 680.175+/-434.645 χ^2/NDF : 41.0/32

All: 588.342+/-312.701 χ^2/NDF : 78.7/61

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1591.503+/-0.347 χ^2/NDF : 229917.4/13

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1612.939+/-0.366 χ^2/NDF : 181148.3/11

Left: 1601.646+/-0.252 χ^2/NDF : 412872.6/25

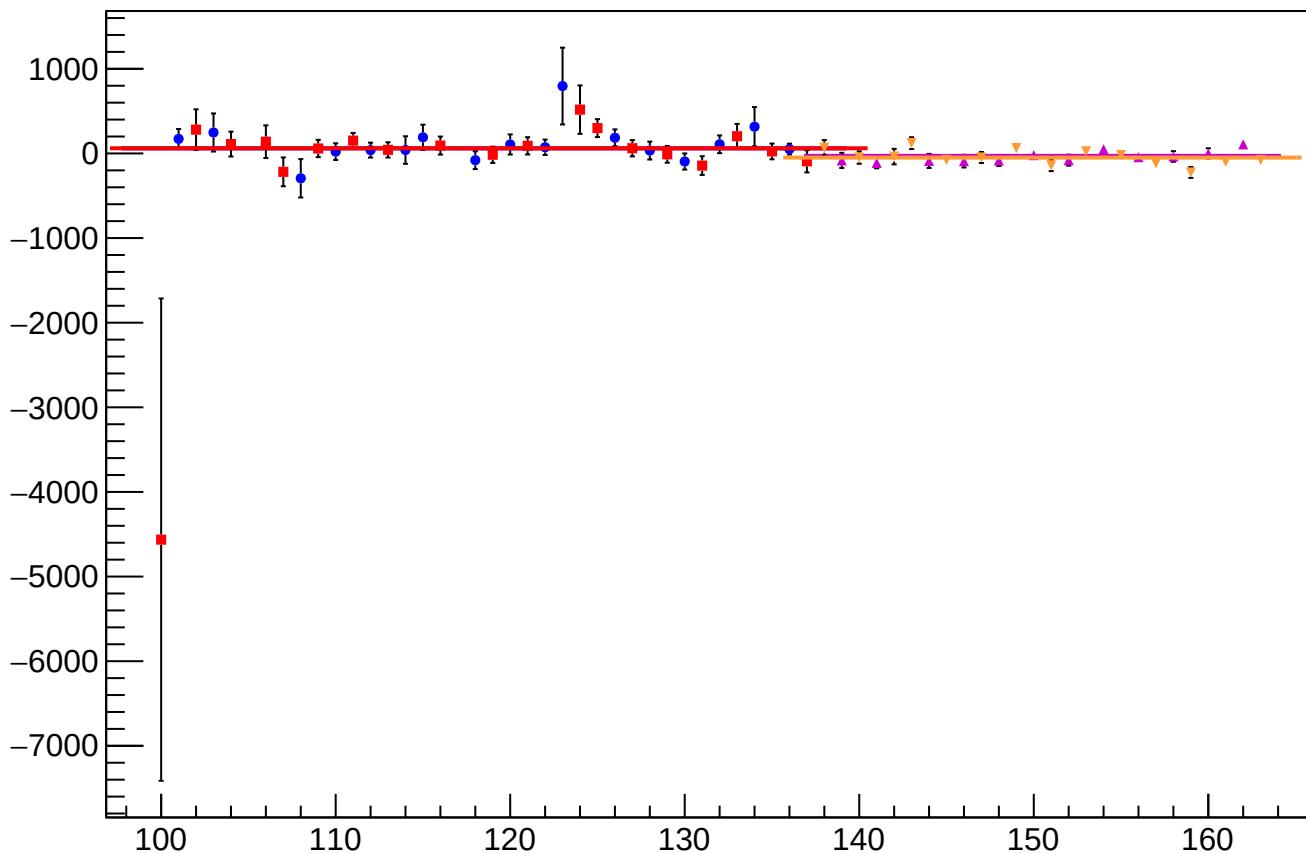
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1777.113+/-0.318 χ^2/NDF : 1806686.8/28

Out: 1773.933+/-0.307 χ^2/NDF : 2195546.3/32

All: 1775.467+/-0.221 χ^2/NDF : 4002284.7/61

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: -49.097 $\pm$ 17.023 χ^2 /NDF:25.2/13

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -28.653 $\pm$ 18.452 χ^2 /NDF:12.5/11

Left: -39.698 $\pm$ 12.512 χ^2 /NDF: 38.3/25

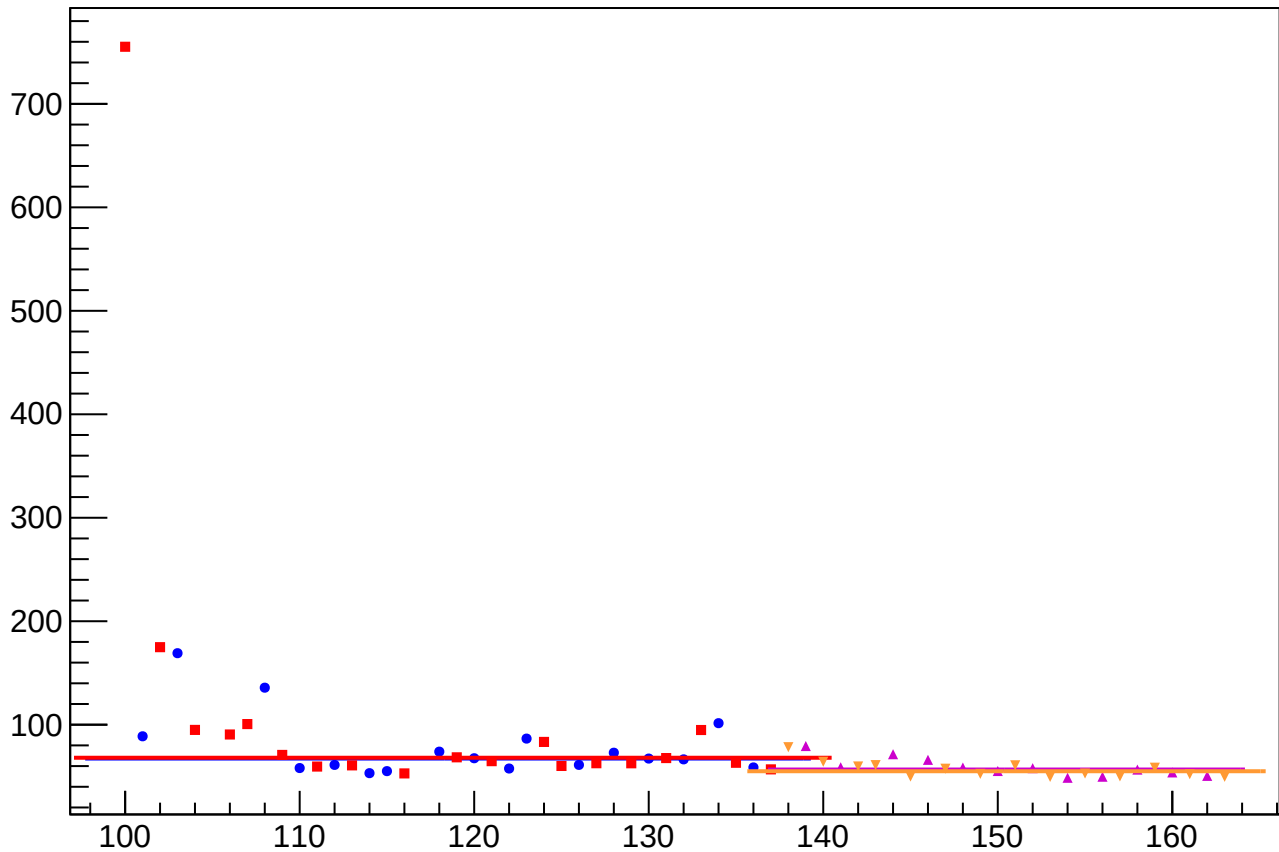
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -0.651 $\pm$ 15.249 χ^2 /NDF:35.1/28

Out: -17.802 $\pm$ 14.401 χ^2 /NDF:59.4/32

All: -9.717 $\pm$ 10.470 χ^2 /NDF: 95.1/61

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: 55.026 $\pm$ 0.012 χ^2 /NDF: 282879.5/13

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 56.672 $\pm$ 0.013 χ^2 /NDF: 331803.8/11

Left: 55.783 $\pm$ 0.009 χ^2 /NDF: 623274.9/25

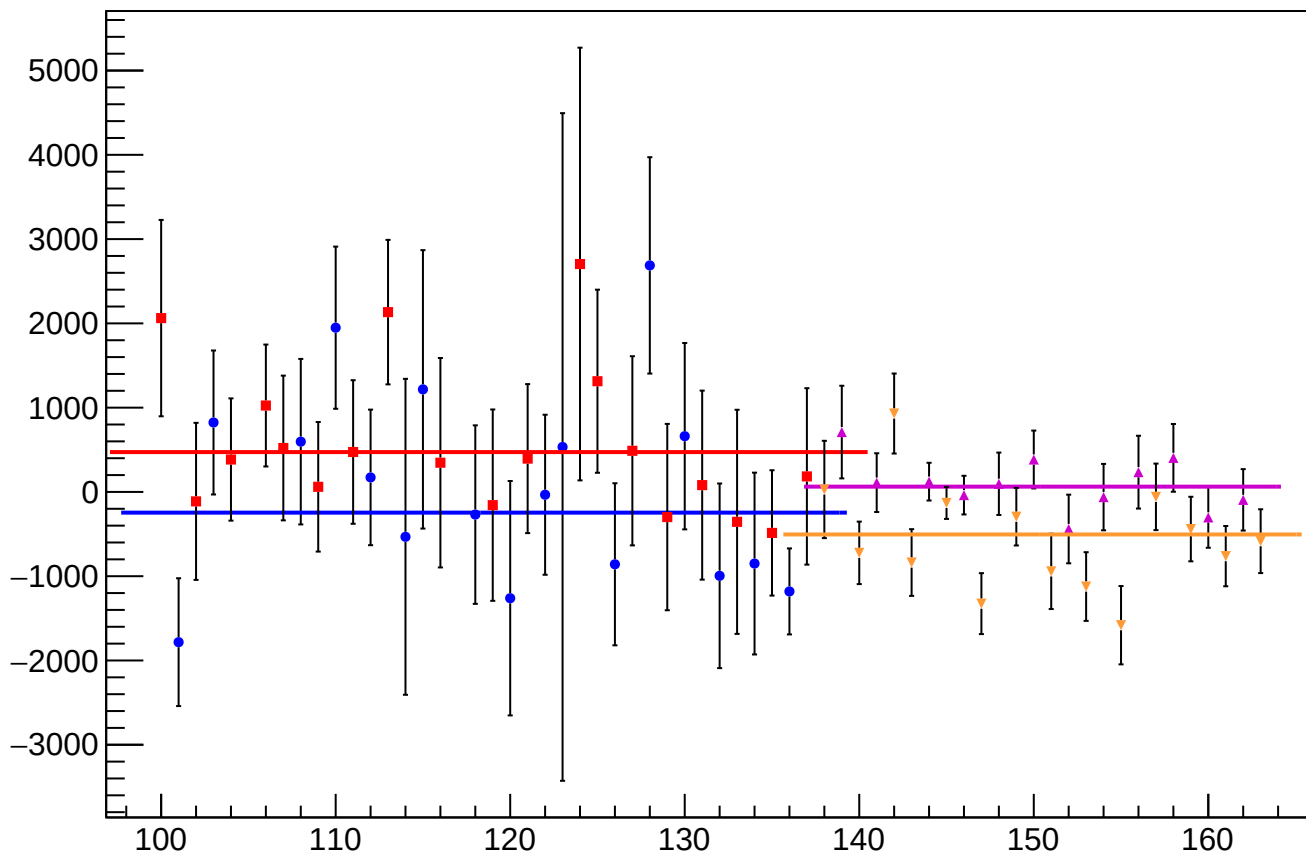
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 60.041 $\pm$ 0.011 χ^2 /NDF: 1383429.9/28

Out: 58.732 $\pm$ 0.010 χ^2 /NDF: 1486822.7/32

All: 59.349 $\pm$ 0.007 χ^2 /NDF: 2878045.6/61

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -504.577 ± 95.871 χ^2/NDF : 31.0/13

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 62.797 ± 97.331 χ^2/NDF : 6.3/11

Left: -225.176 ± 68.301 χ^2/NDF : 54.5/25

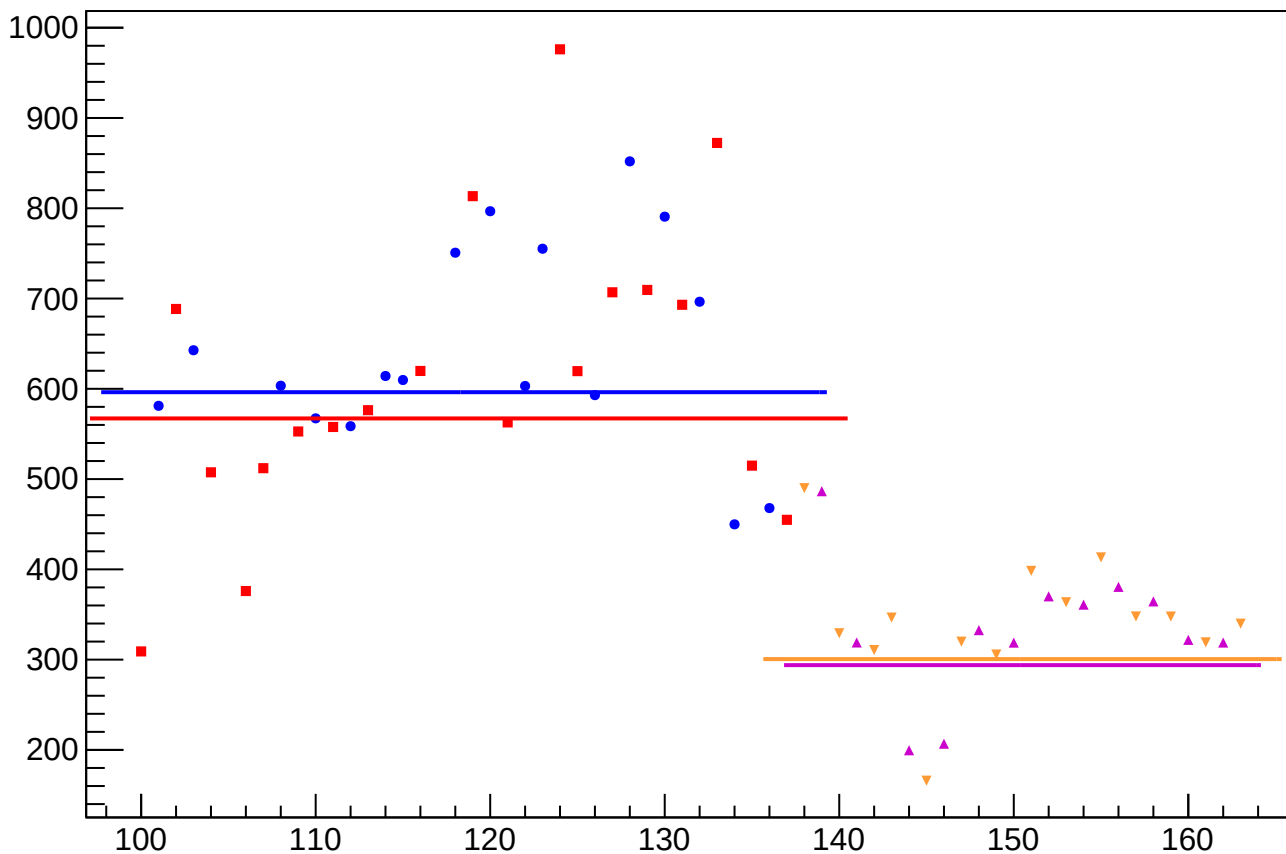
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 17.769 ± 89.946 χ^2/NDF : 31.5/28

Out: -347.172 ± 87.813 χ^2/NDF : 59.0/32

All: -169.080 ± 62.834 χ^2/NDF : 98.9/61

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 300.594+/-0.068 χ^2/NDF : 1615495.6/13

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 293.904+/-0.069 χ^2/NDF : 1223429.5/11

Left: 297.300+/-0.048 χ^2/NDF : 2843721.1/25

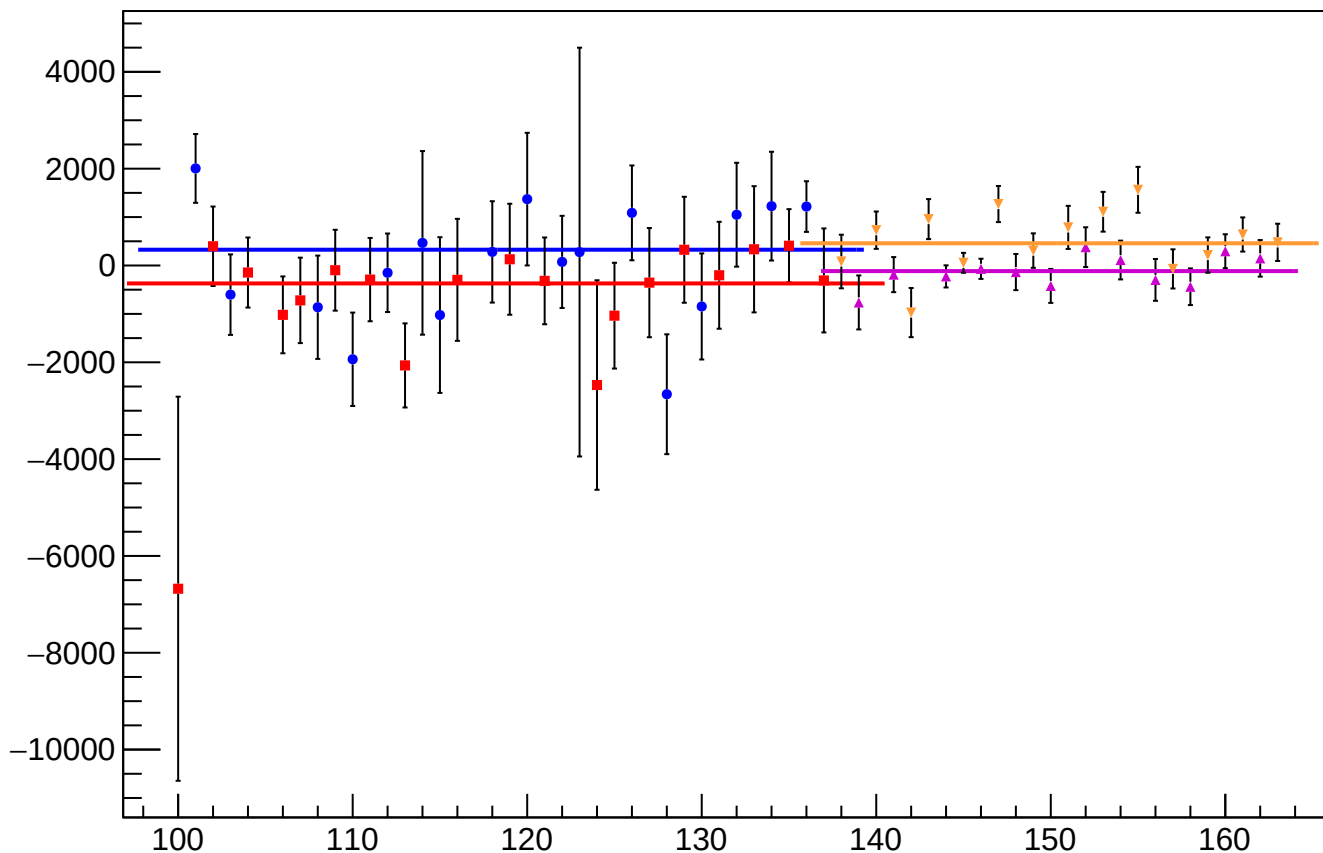
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 338.044+/-0.064 χ^2/NDF : 4463050.6/28

Out: 343.524+/-0.062 χ^2/NDF : 4781169.5/32

All: 340.850+/-0.044 χ^2/NDF : 9248021.5/61

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 458.935 $\pm$ 98.896 χ^2 /NDF:30.0/13

Right Out: -370.721 $\pm$ 224.892 χ^2 /NDF: 11.5/18

Left In: -115.828 $\pm$ 96.232 χ^2 /NDF:7.0/11

Left: 163.706 $\pm$ 68.969 χ^2 /NDF: 54.3/25

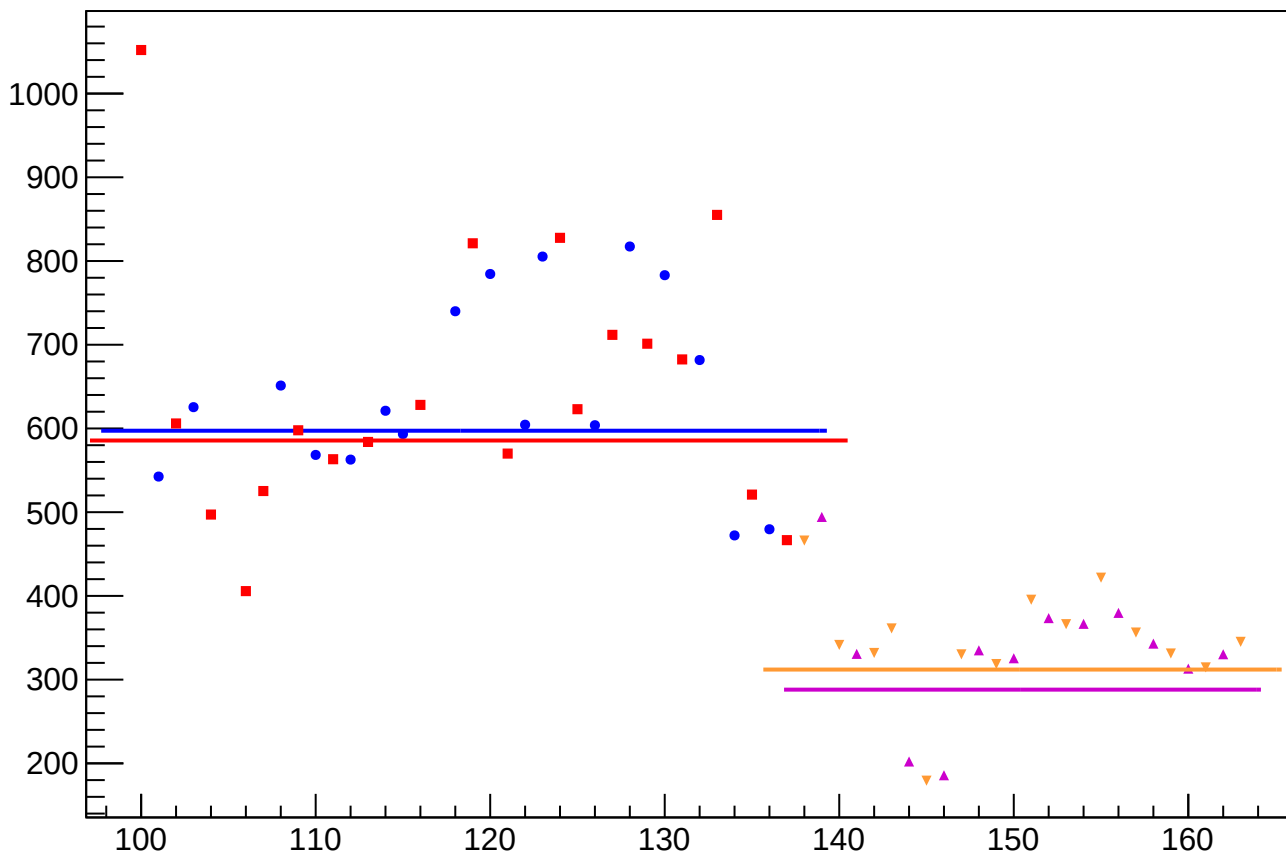
Right: -38.515 $\pm$ 162.676 χ^2 /NDF: 43.0/35

In: -52.644 $\pm$ 89.087 χ^2 /NDF:36.8/28

Out: 324.494 $\pm$ 90.530 χ^2 /NDF:52.9/32

All: 132.896 $\pm$ 63.498 χ^2 /NDF: 98.6/61

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 312.025 $\pm$ 0.070 χ^2 /NDF:1292803.6/13

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 288.041 $\pm$ 0.068 χ^2 /NDF:1451561.0/11

Left: 299.706 $\pm$ 0.049 χ^2 /NDF: 2804787.7/25

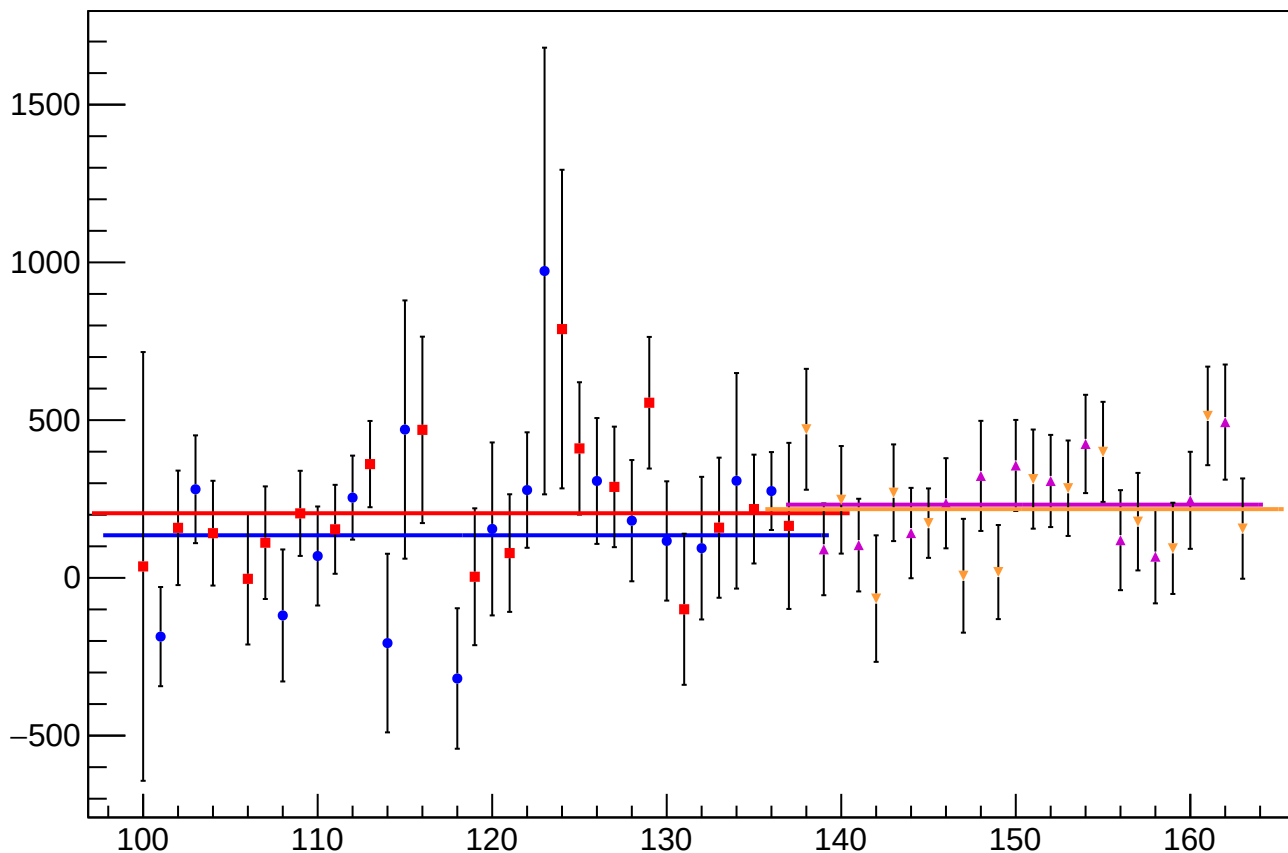
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 332.259 $\pm$ 0.063 χ^2 /NDF:4768549.7/28

Out: 356.359 $\pm$ 0.064 χ^2 /NDF:4247709.1/32

All: 344.115 $\pm$ 0.045 χ^2 /NDF: 9088268.0/61

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: 217.846 $\pm$ 41.468 χ^2 /NDF:13.6/13

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 232.169 $\pm$ 43.940 χ^2 /NDF:8.7/11

Left: 224.593 $\pm$ 30.158 χ^2 /NDF: 22.4/25

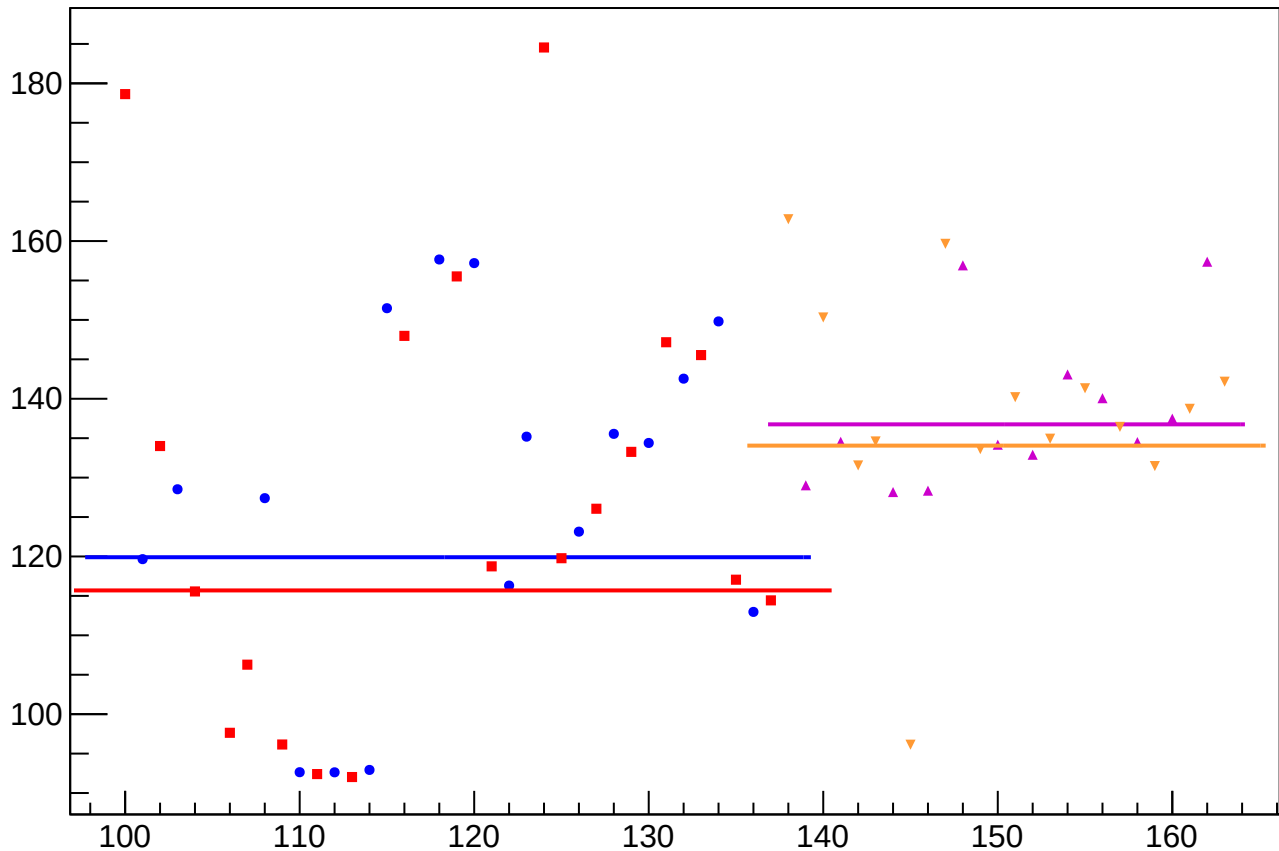
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 186.889 $\pm$ 32.105 χ^2 /NDF:29.0/28

Out: 211.804 $\pm$ 30.319 χ^2 /NDF:25.7/32

All: 200.059 $\pm$ 22.043 χ^2 /NDF: 55.1/61

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 134.058 $\pm$ 0.029 χ^2/NDF :356599.9/13

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 136.755 $\pm$ 0.031 χ^2/NDF :79183.9/11

Left: 135.328 $\pm$ 0.021 χ^2/NDF : 439770.1/25

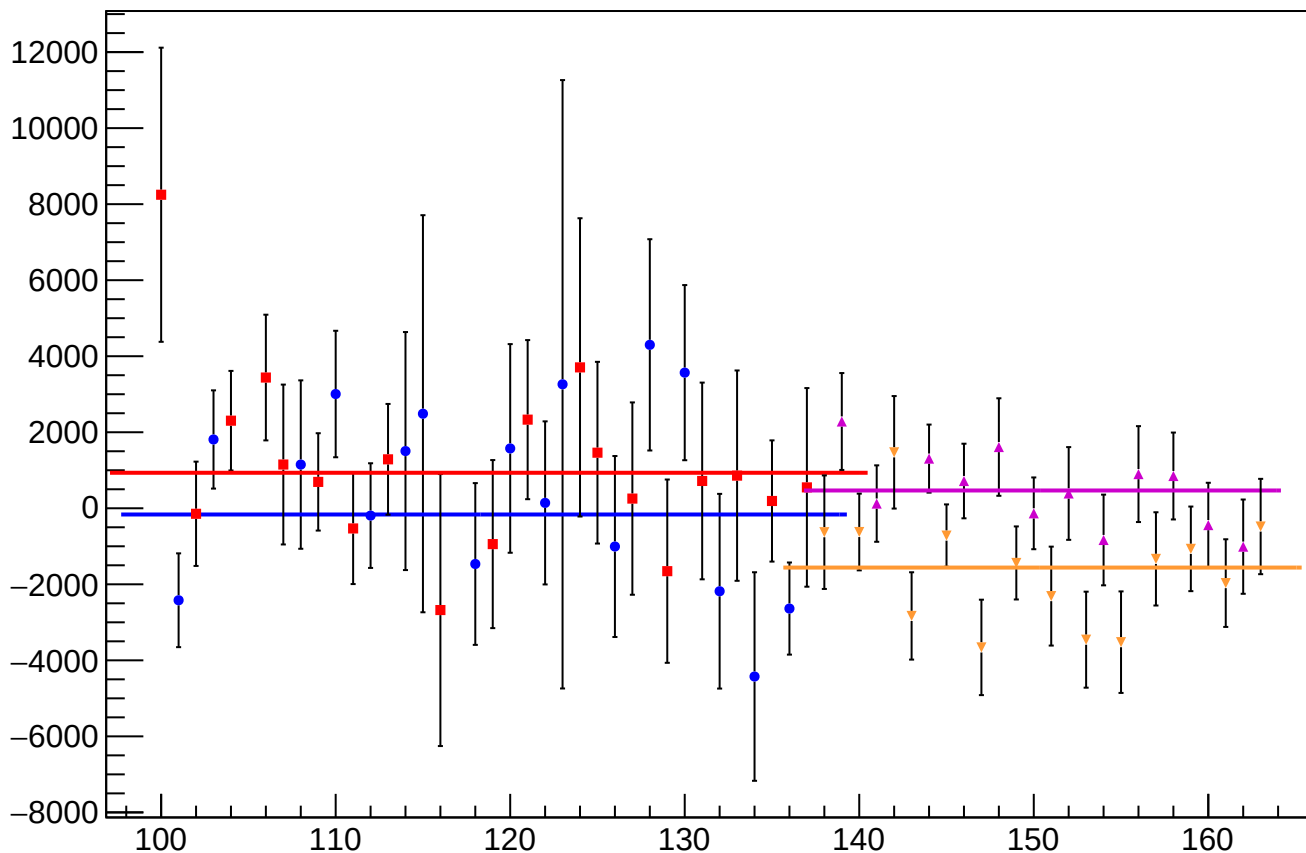
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 128.900 $\pm$ 0.023 χ^2/NDF :561811.9/28

Out: 125.510 $\pm$ 0.021 χ^2/NDF :974514.6/32

All: 127.108 $\pm$ 0.016 χ^2/NDF : 1548115.8/61

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: -1559.823 $\pm$ 308.790 χ^2/NDF :16.4/13

Right Out: 933.992 $\pm$ 437.648 χ^2/NDF : 12.9/18

Left In: 468.167 $\pm$ 318.657 χ^2/NDF :7.8/11

Left: -577.709 $\pm$ 221.754 χ^2/NDF : 45.1/25

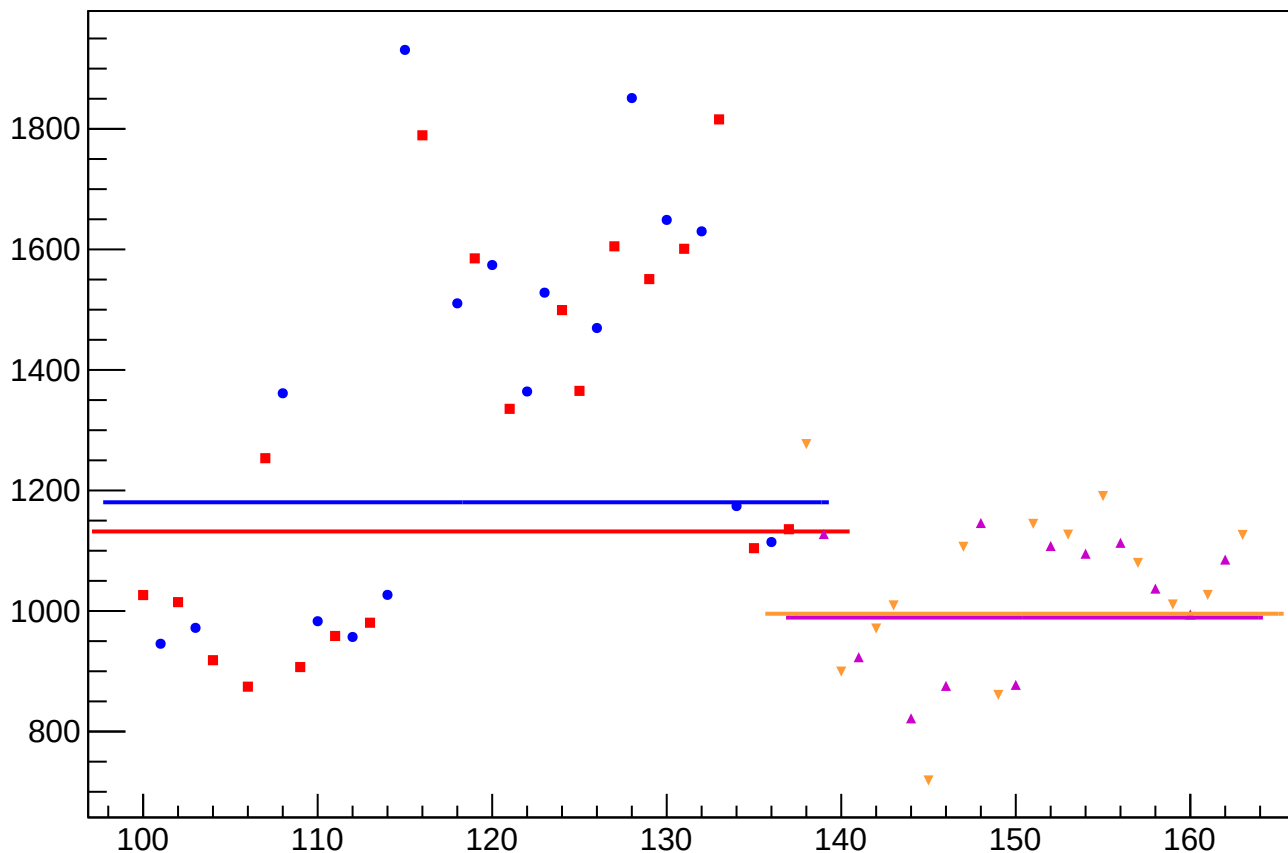
Right: 423.822 $\pm$ 320.162 χ^2/NDF : 39.5/35

In: 268.996 $\pm$ 263.679 χ^2/NDF :32.7/28

Out: -730.965 $\pm$ 252.309 χ^2/NDF :51.0/32

All: -253.009 $\pm$ 182.297 χ^2/NDF : 91.2/61

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 995.460+/-0.218 χ^2/NDF : 495974.8/13

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 989.078+/-0.225 χ^2/NDF : 256336.0/11

Left: 992.370+/-0.157 χ^2/NDF : 752724.5/25

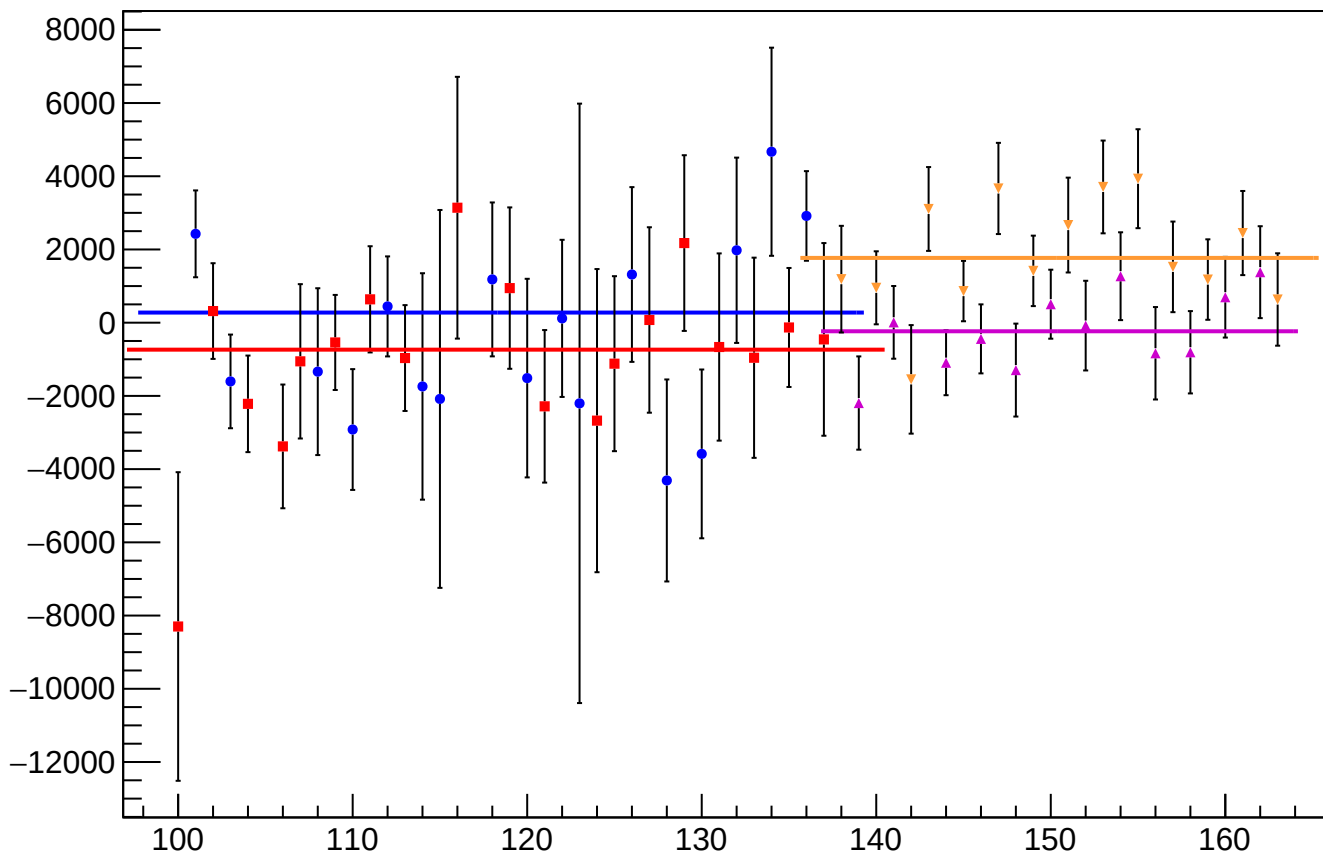
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1049.401+/-0.186 χ^2/NDF : 1152501.4/28

Out: 1040.834+/-0.178 χ^2/NDF : 1387806.2/32

All: 1044.929+/-0.129 χ^2/NDF : 2541409.8/63

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1769.322 $\pm$ 308.253 χ^2 /NDF:17.7/13

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -234.702 $\pm$ 316.052 χ^2 /NDF:9.2/11

Left: 792.342 $\pm$ 220.673 χ^2 /NDF: 47.5/25

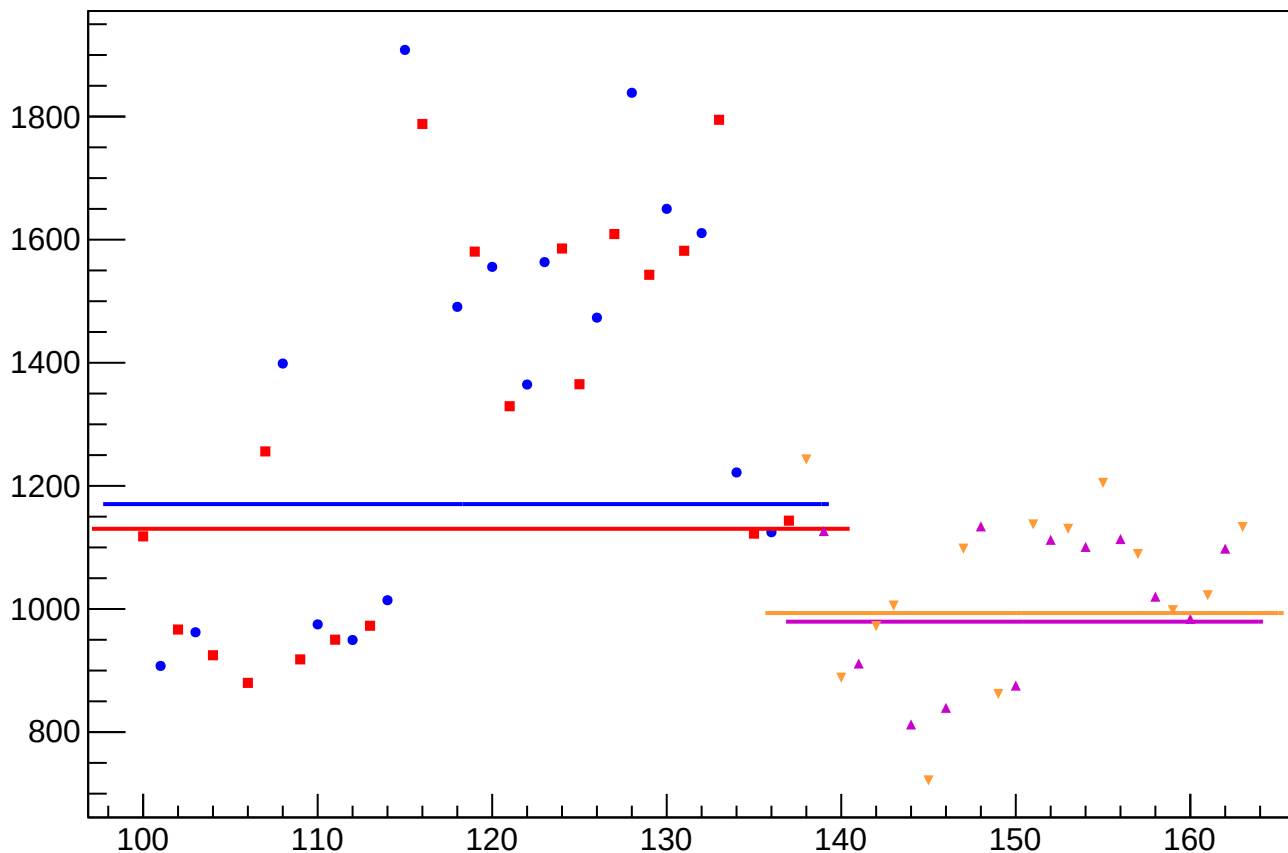
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -73.867 $\pm$ 261.643 χ^2 /NDF:34.3/28

Out: 937.821 $\pm$ 251.977 χ^2 /NDF:52.5/32

All: 451.008 $\pm$ 181.496 χ^2 /NDF: 94.6/61

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 993.402 $\pm$ 0.218 χ^2 /NDF: 485513.9/13

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 979.412 $\pm$ 0.223 χ^2 /NDF: 292239.5/11

Left: 986.582 $\pm$ 0.156 χ^2 /NDF: 779761.4/25

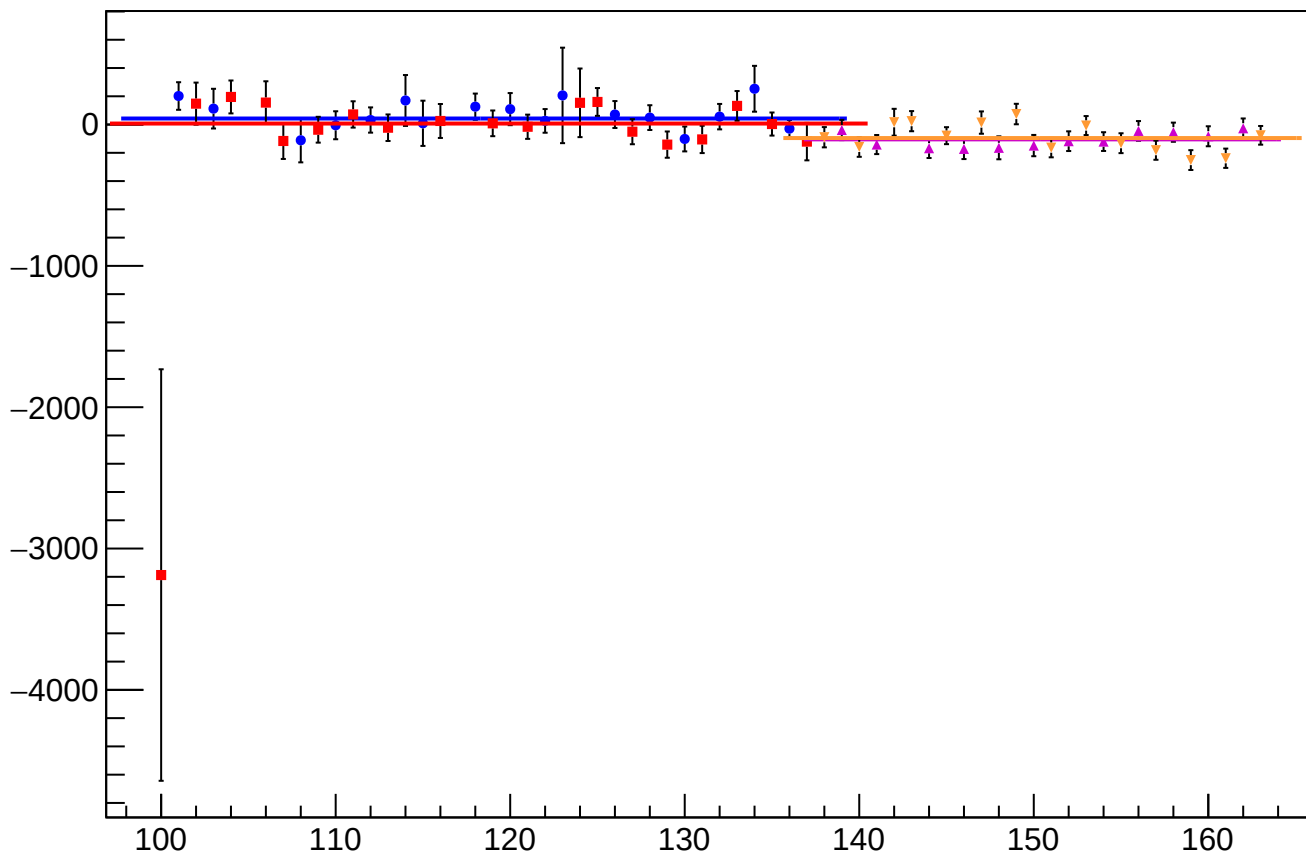
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1039.512 $\pm$ 0.185 χ^2 /NDF: 1227551.0/28

Out: 1038.831 $\pm$ 0.178 χ^2 /NDF: 1379483.6/32

All: 1039.159 $\pm$ 0.128 χ^2 /NDF: 2607041.7/63

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: -95.567 ± 18.771 $\chi^2/\text{NDF}: 26.5/13$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -104.888 ± 20.385 $\chi^2/\text{NDF}: 6.5/11$

Left: -99.844 ± 13.808 $\chi^2/\text{NDF}: 33.1/25$

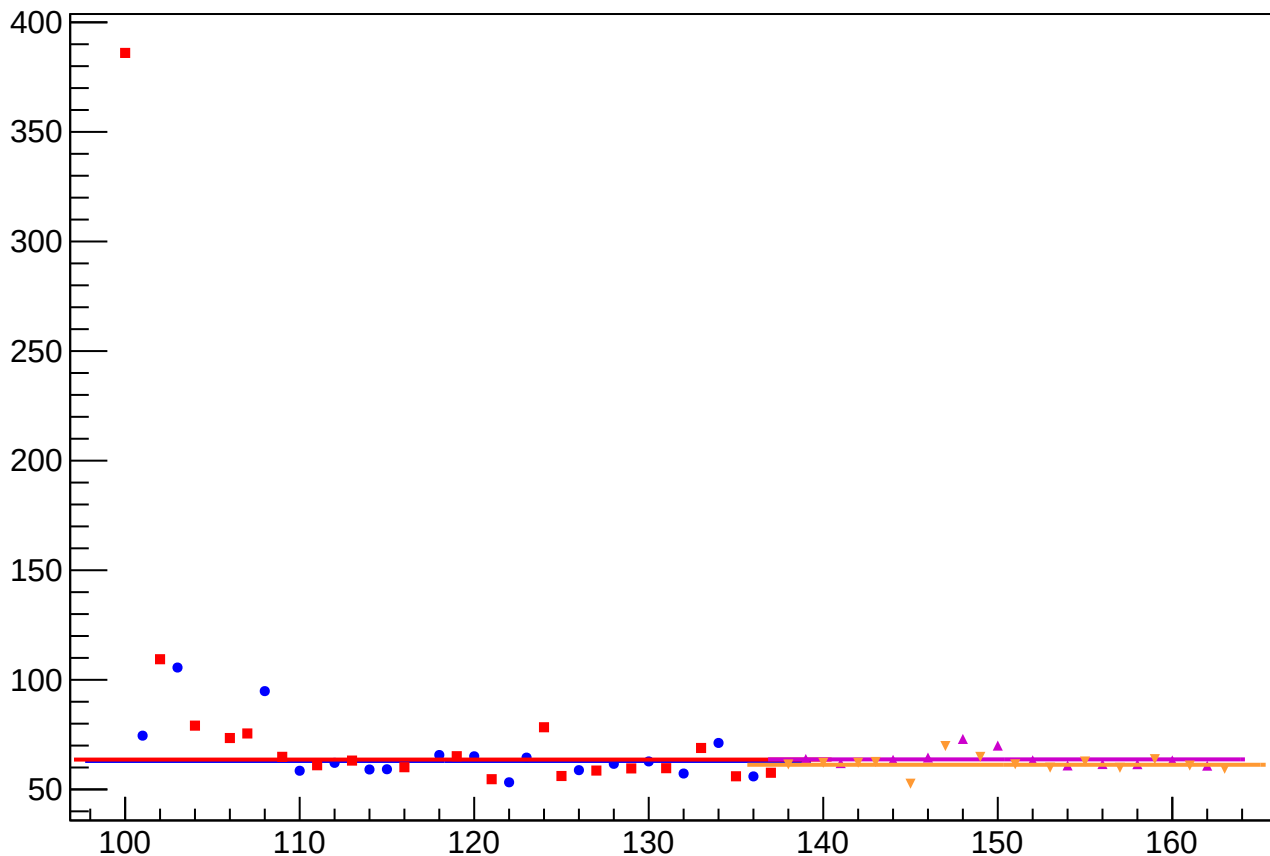
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -45.105 ± 15.722 $\chi^2/\text{NDF}: 39.7/28$

Out: -57.575 ± 14.898 $\chi^2/\text{NDF}: 58.2/32$

All: -51.676 ± 10.814 $\chi^2/\text{NDF}: 98.2/61$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.244 $\pm$ 0.013 χ^2 /NDF: 77636.2/13

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.705 $\pm$ 0.014 χ^2 /NDF: 52846.1/11

Left: 62.373 $\pm$ 0.010 χ^2 /NDF: 146248.7/25

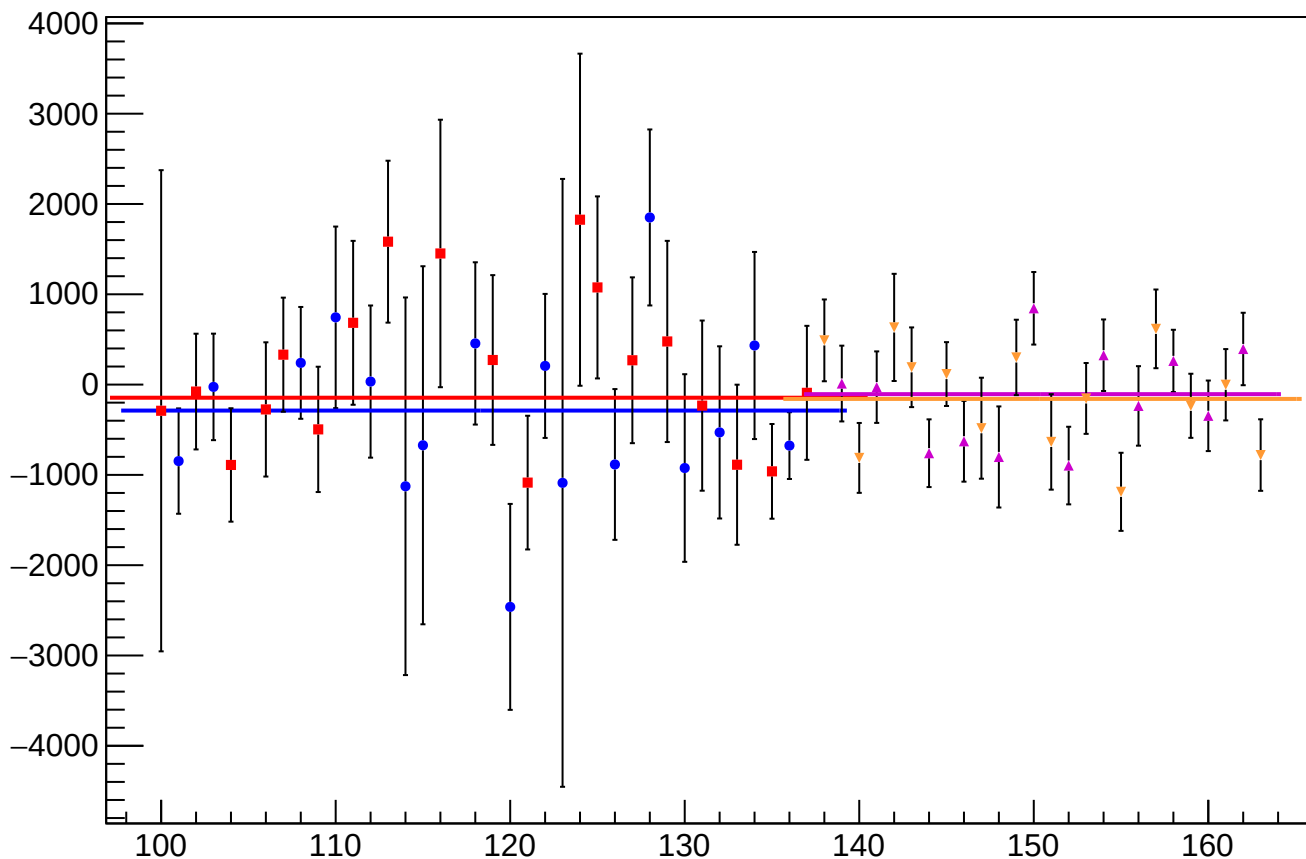
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.411 $\pm$ 0.011 χ^2 /NDF: 429133.1/28

Out: 62.121 $\pm$ 0.011 χ^2 /NDF: 522976.4/32

All: 62.731 $\pm$ 0.008 χ^2 /NDF: 959204.2/61

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -158.666+/-113.318 χ^2/NDF : 21.8/13

Right Out: -145.341+/-187.312 χ^2/NDF : 16.1/18

Left In: -105.911+/-118.102 χ^2/NDF : 19.4/11

Left: -133.379+/-81.767 χ^2/NDF : 41.3/25

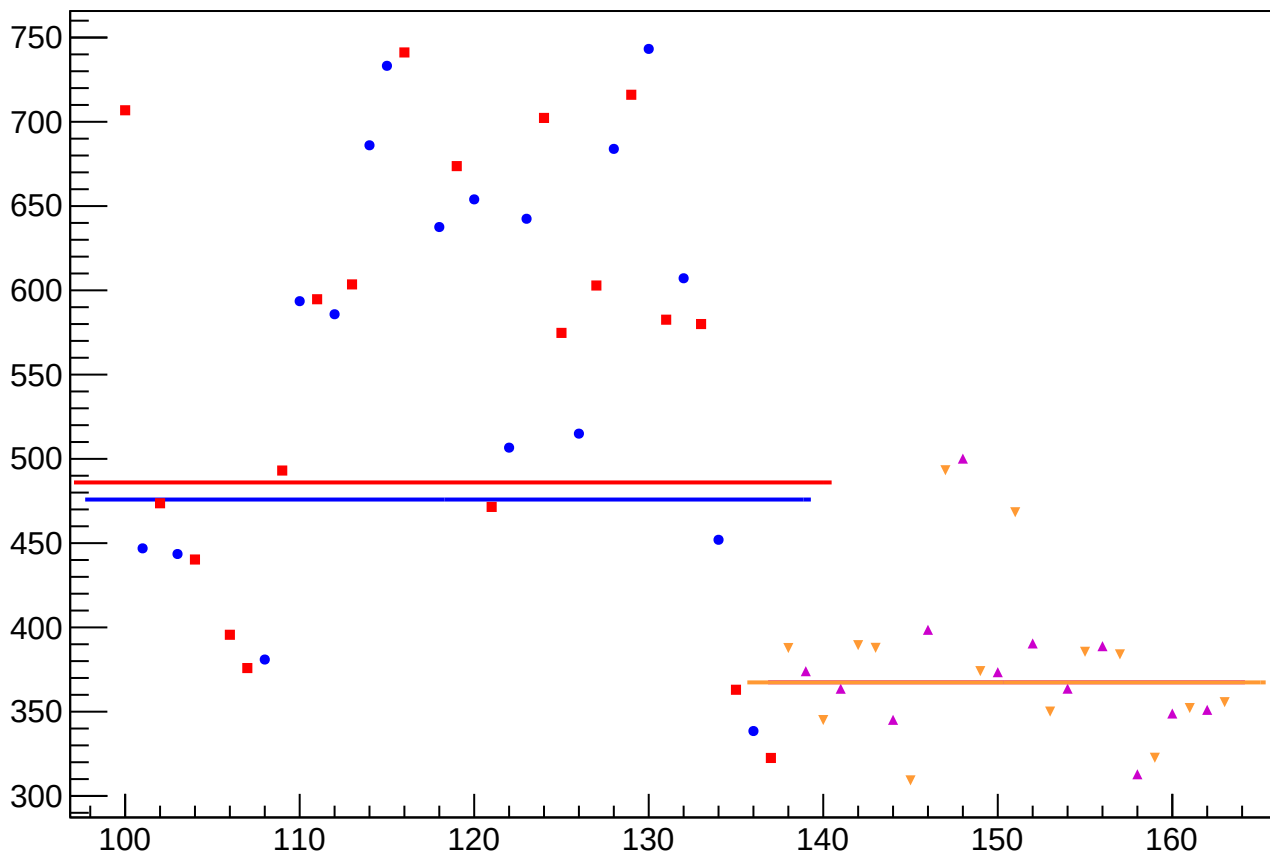
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -156.613+/-100.287 χ^2/NDF : 35.4/28

Out: -155.096+/-96.956 χ^2/NDF : 37.8/32

All: -155.829+/-69.706 χ^2/NDF : 73.3/61

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: 367.370+/-0.080 χ^2/NDF :293479.9/13

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 367.440+/-0.084 χ^2/NDF :198941.6/11

Left: 367.404+/-0.058 χ^2/NDF : 492421.9/25

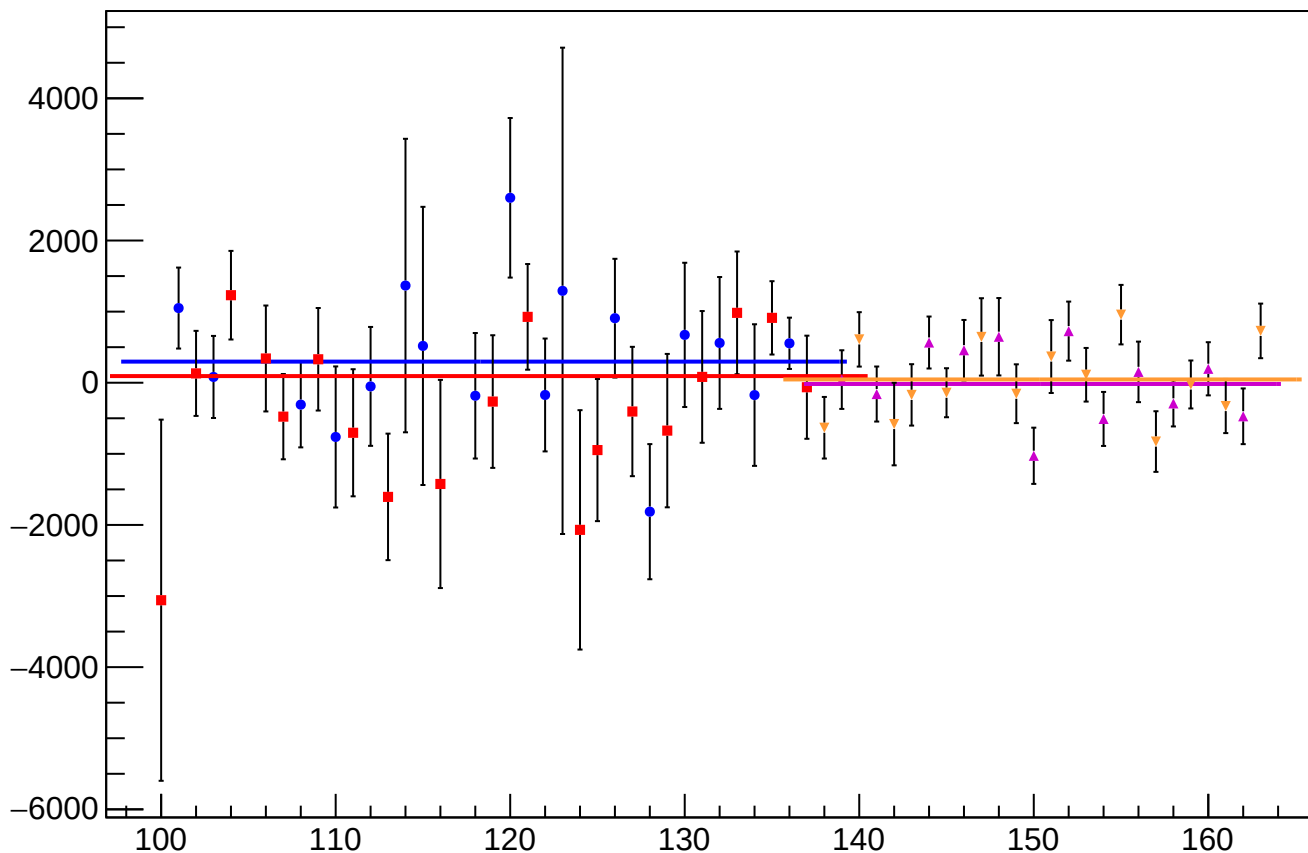
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 397.685+/-0.071 χ^2/NDF :1506984.7/28

Out: 399.157+/-0.069 χ^2/NDF :1610984.7/32

All: 398.446+/-0.049 χ^2/NDF : 3118192.2/61

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: 46.153 $\pm$ 109.994 χ^2 /NDF:21.3/13

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -17.592 $\pm$ 114.129 χ^2 /NDF:19.4/11

Left: 15.456 $\pm$ 79.199 χ^2 /NDF: 40.9/25

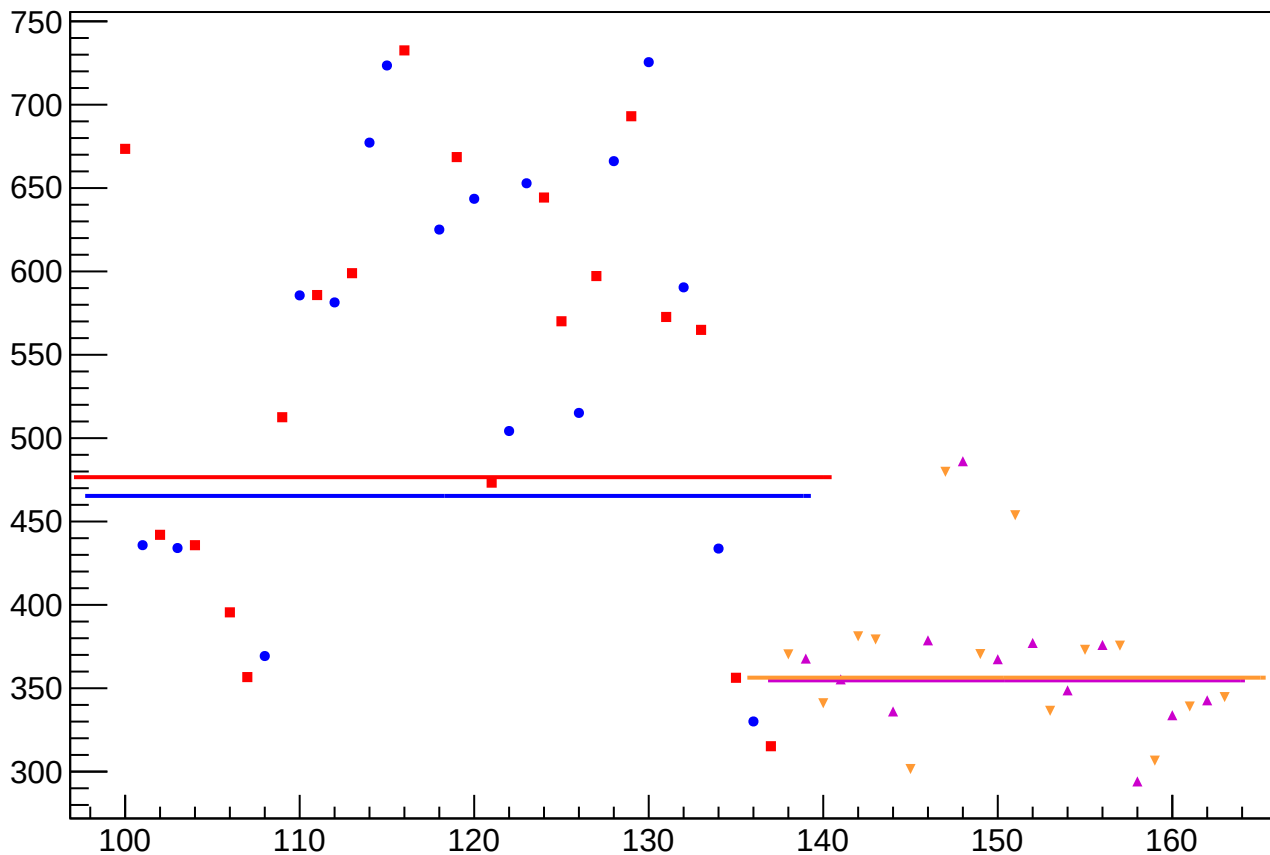
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 68.468 $\pm$ 97.273 χ^2 /NDF:37.3/28

Out: 58.633 $\pm$ 94.400 χ^2 /NDF:41.5/32

All: 63.403 $\pm$ 67.744 χ^2 /NDF: 78.8/61

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 356.347 $\pm$ 0.078 χ^2/NDF :304914.1/13

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 354.731 $\pm$ 0.081 χ^2/NDF :221689.6/11

Left: 355.569 $\pm$ 0.056 χ^2/NDF : 526811.6/25

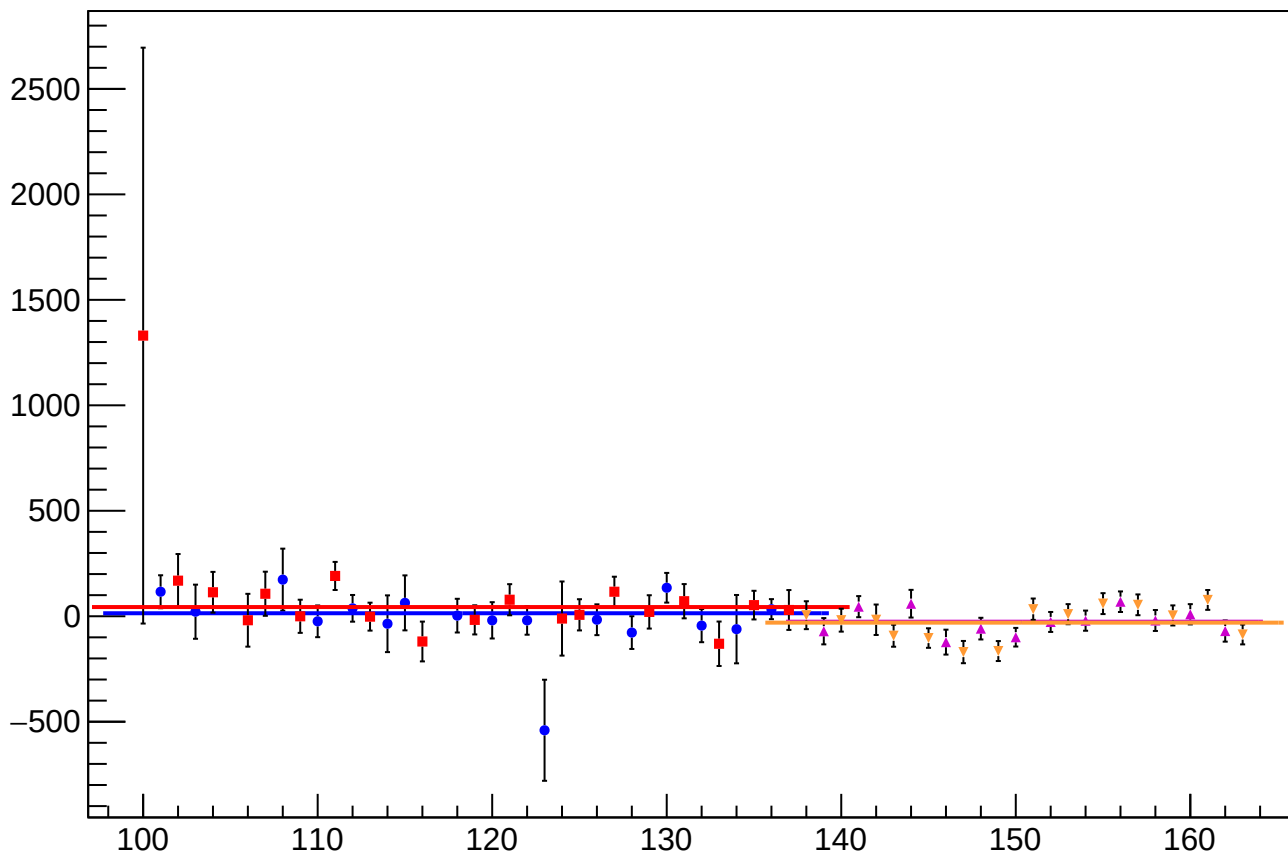
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 384.995 $\pm$ 0.069 χ^2/NDF :1596172.3/28

Out: 388.027 $\pm$ 0.067 χ^2/NDF :1687591.1/32

All: 386.556 $\pm$ 0.048 χ^2/NDF : 3284764.5/61

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -30.313+/-13.613 χ^2/NDF :35.1/13

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: -25.778+/-14.733 χ^2/NDF :15.2/11

Left: -28.225+/-9.998 χ^2/NDF : 50.4/25

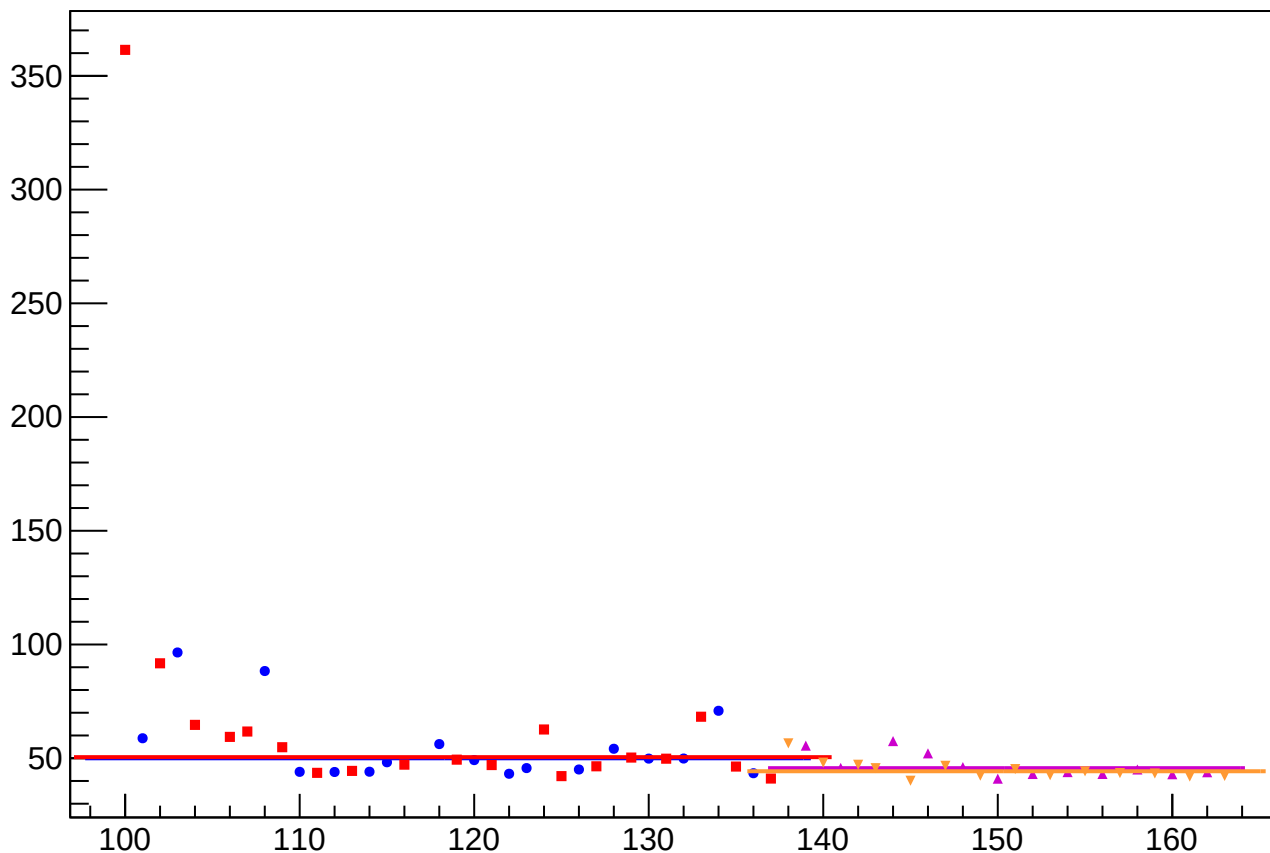
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: -11.574+/-11.834 χ^2/NDF :32.6/28

Out: -6.340+/-11.189 χ^2/NDF :61.7/32

All: -8.810+/-8.130 χ^2/NDF : 94.5/61

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 44.275+/-0.010 χ^2/NDF : 120159.2/13

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 45.626+/-0.010 χ^2/NDF : 185488.7/11

Left: 44.897+/-0.007 χ^2/NDF : 314717.6/25

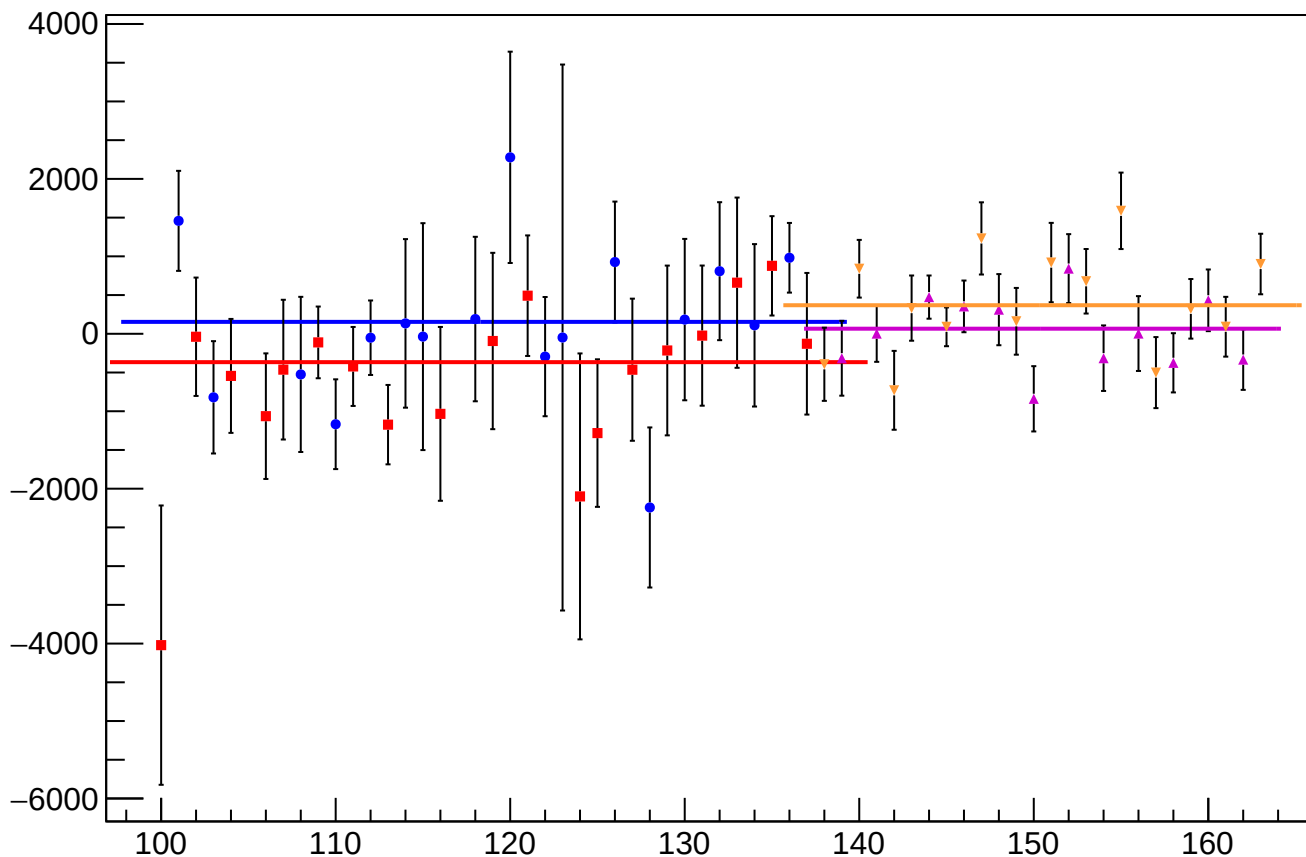
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 47.168+/-0.008 χ^2/NDF : 826020.7/28

Out: 46.285+/-0.008 χ^2/NDF : 825895.1/32

All: 46.702+/-0.006 χ^2/NDF : 1657799.3/61

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: 368.699 $\pm$ 108.113 χ^2 /NDF:27.6/13

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 65.782 $\pm$ 112.779 χ^2 /NDF:15.5/11

Left: 223.637 $\pm$ 78.045 χ^2 /NDF: 46.8/25

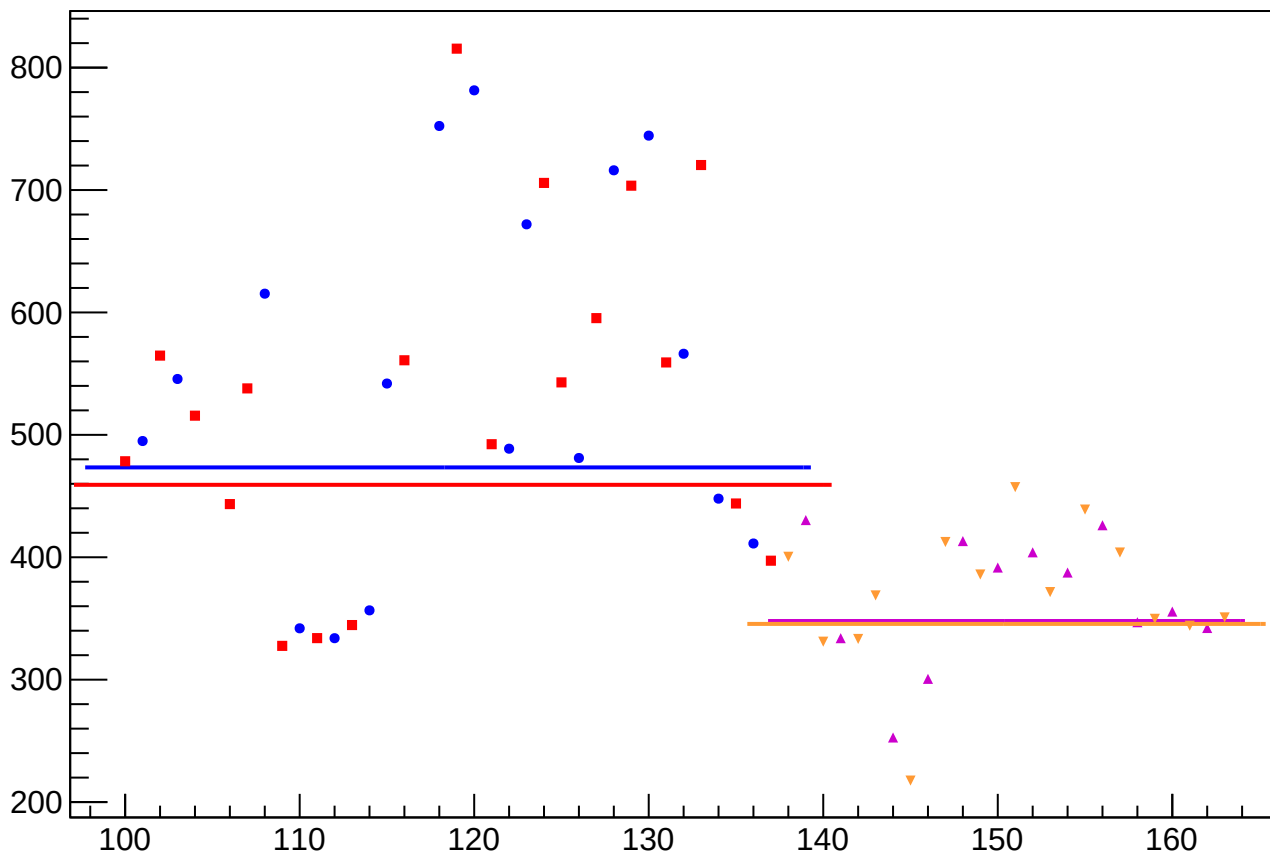
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 88.732 $\pm$ 96.976 χ^2 /NDF:40.5/28

Out: 172.099 $\pm$ 92.530 χ^2 /NDF:56.1/32

All: 132.370 $\pm$ 66.945 χ^2 /NDF: 97.0/61

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: 345.551 $\pm$ 0.076 χ^2 /NDF:825670.5/13

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 347.929 $\pm$ 0.080 χ^2 /NDF:499015.4/11

Left: 346.690 $\pm$ 0.055 χ^2 /NDF: 1325149.2/25

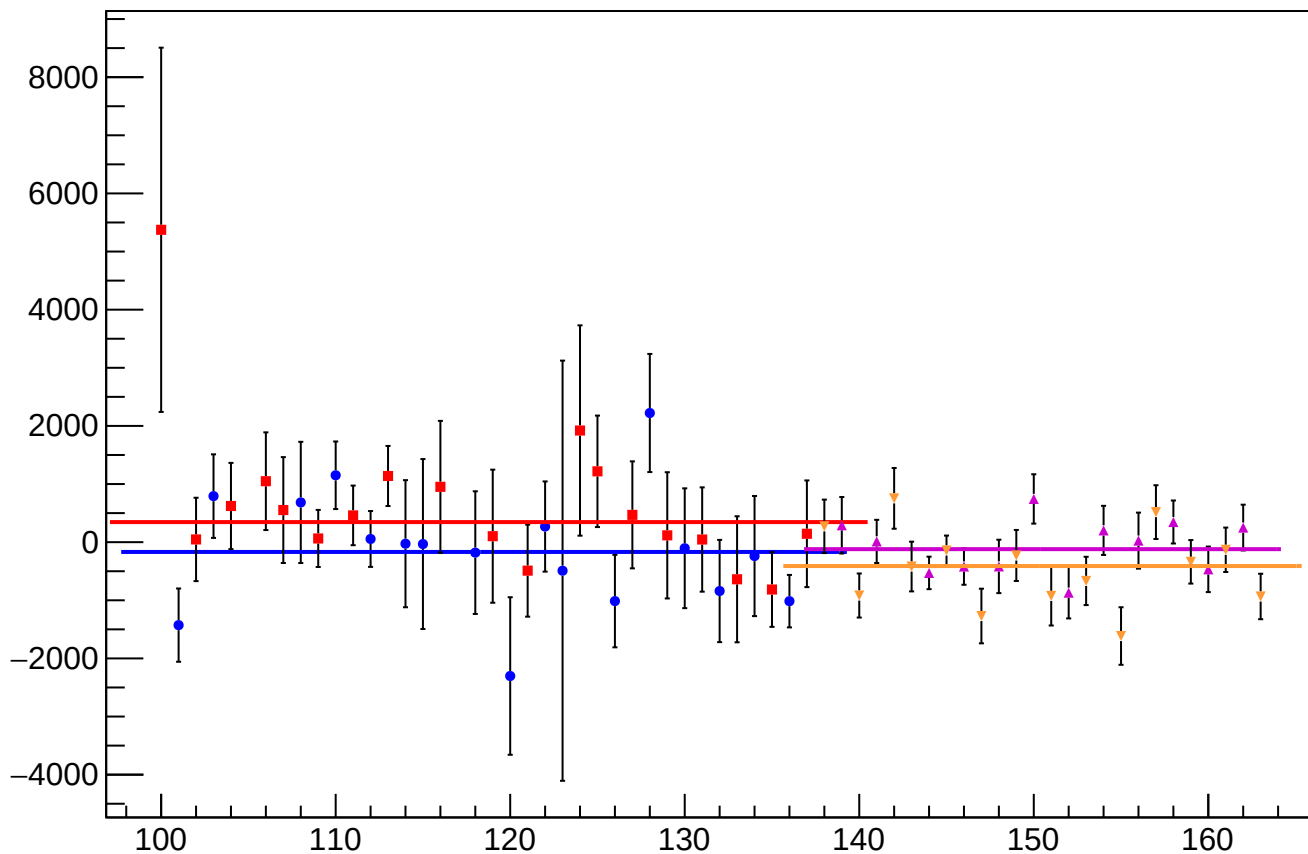
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 380.630 $\pm$ 0.069 χ^2 /NDF:2059143.2/28

Out: 375.946 $\pm$ 0.065 χ^2 /NDF:2423121.5/32

All: 378.178 $\pm$ 0.047 χ^2 /NDF: 4484707.3/61

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -410.774 $\pm$ 108.708 χ^2 /NDF:27.3/13

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -120.155 $\pm$ 111.802 χ^2 /NDF:15.3/11

Left: -269.542 $\pm$ 77.939 χ^2 /NDF: 46.0/25

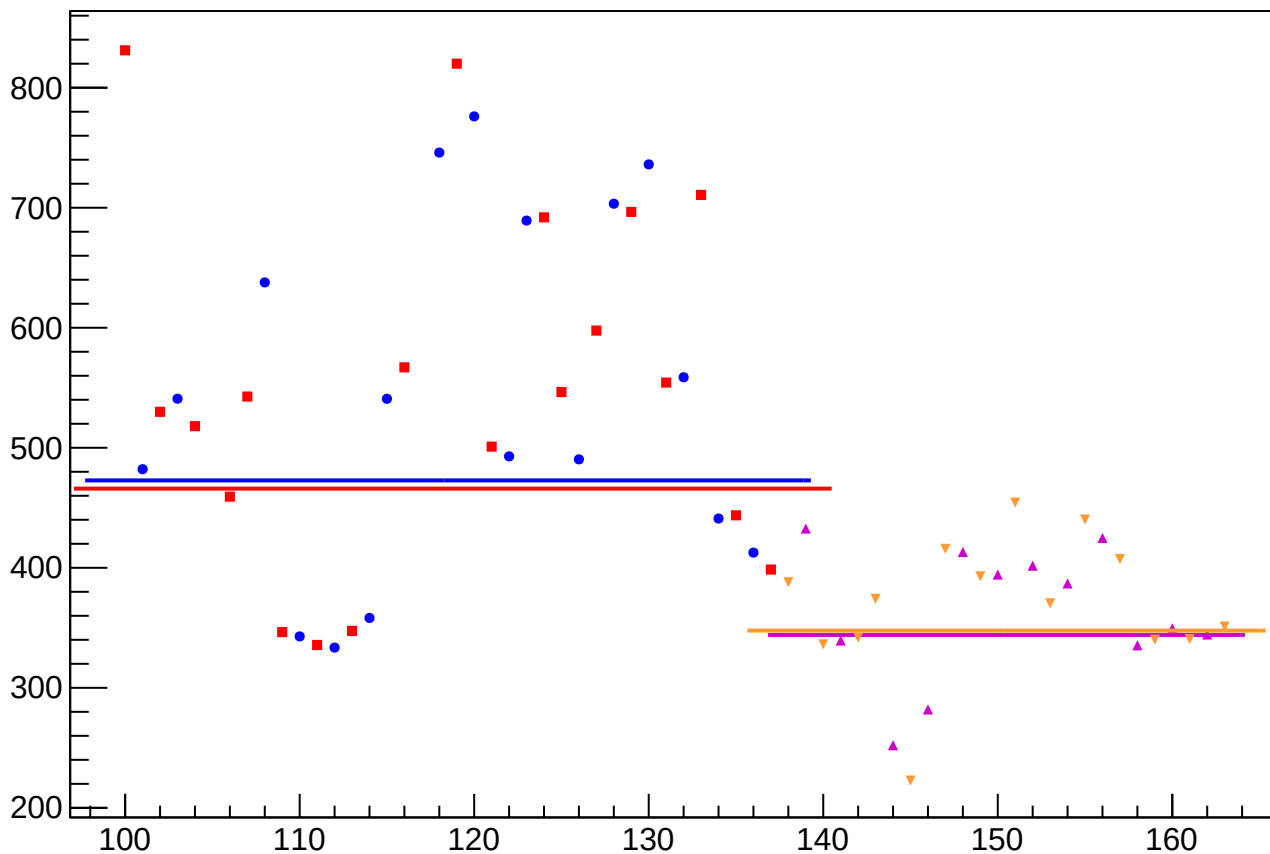
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -132.497 $\pm$ 96.326 χ^2 /NDF:40.7/28

Out: -210.712 $\pm$ 93.226 χ^2 /NDF:53.8/32

All: -172.883 $\pm$ 66.990 χ^2 /NDF: 94.8/61

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: 347.697 $\pm$ 0.077 χ^2 /NDF: 760080.6/13

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 344.089 $\pm$ 0.079 χ^2 /NDF: 546995.5/11

Left: 345.943 $\pm$ 0.055 χ^2 /NDF: 1308146.8/25

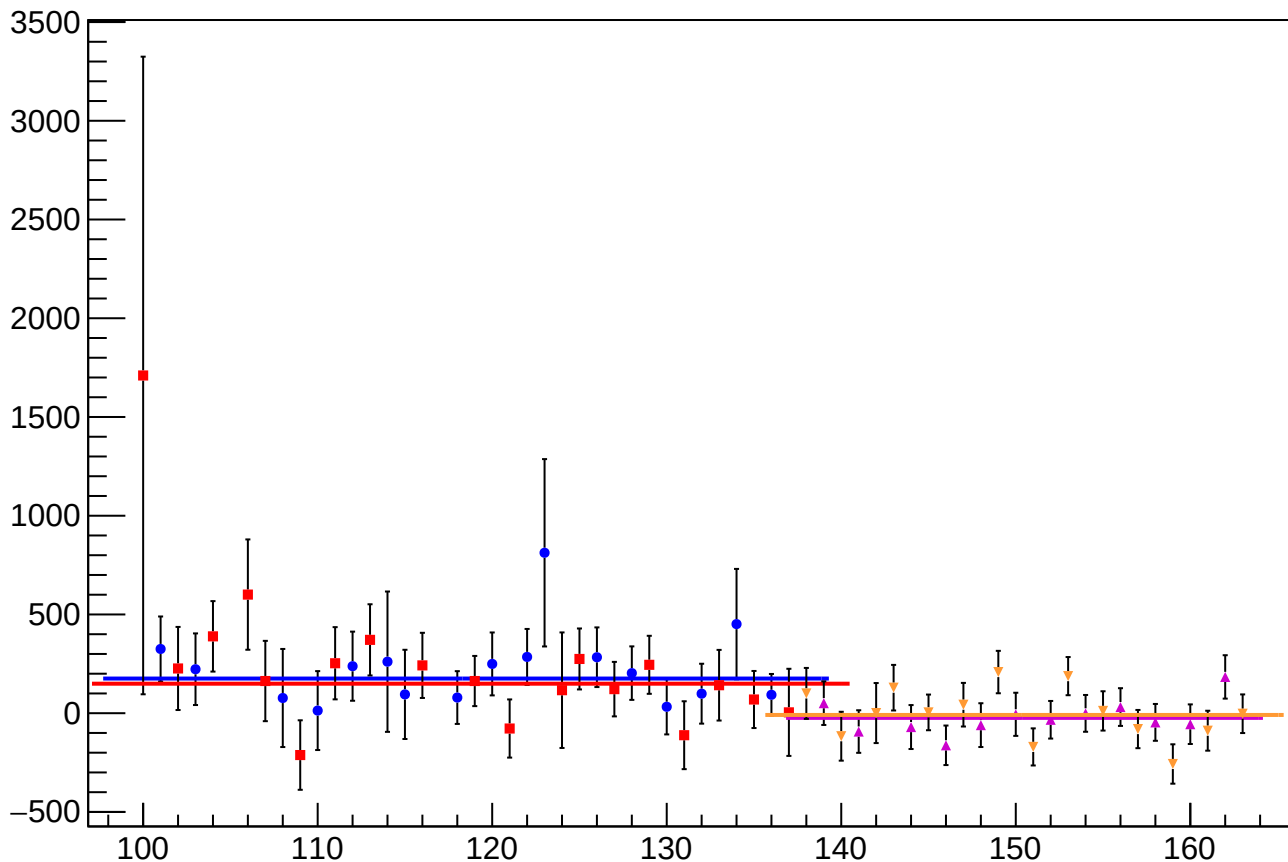
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 377.261 $\pm$ 0.068 χ^2 /NDF: 2126626.7/28

Out: 378.990 $\pm$ 0.066 χ^2 /NDF: 2328583.7/32

All: 378.153 $\pm$ 0.047 χ^2 /NDF: 4455543.1/61

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -8.884 ± 28.107 $\chi^2/\text{NDF}: 21.8/13$

Right Out: 149.419 ± 40.319 $\chi^2/\text{NDF}: 18.4/18$

Left In: -23.666 ± 29.539 $\chi^2/\text{NDF}: 7.2/11$

Left: -15.908 ± 20.362 $\chi^2/\text{NDF}: 29.1/25$

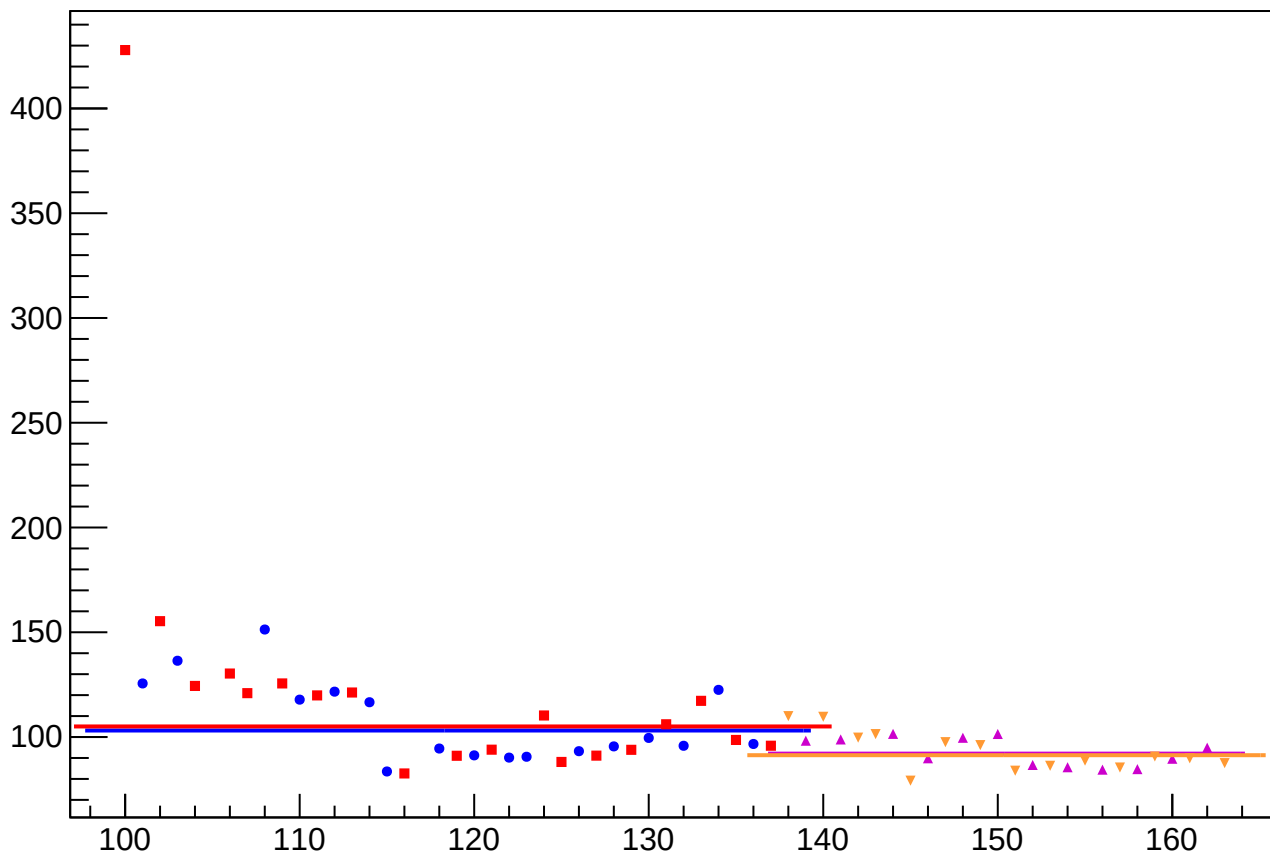
Right: 162.431 ± 28.524 $\chi^2/\text{NDF}: 27.2/35$

In: 45.798 ± 23.837 $\chi^2/\text{NDF}: 31.7/28$

Out: 42.886 ± 23.057 $\chi^2/\text{NDF}: 50.6/32$

All: 44.294 ± 16.573 $\chi^2/\text{NDF}: 82.2/61$

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: 91.328 $\pm$ 0.020 χ^2 /NDF:183634.1/13

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 92.073 $\pm$ 0.021 χ^2 /NDF:97605.6/11

Left: 91.682 $\pm$ 0.014 χ^2 /NDF: 281906.1/25

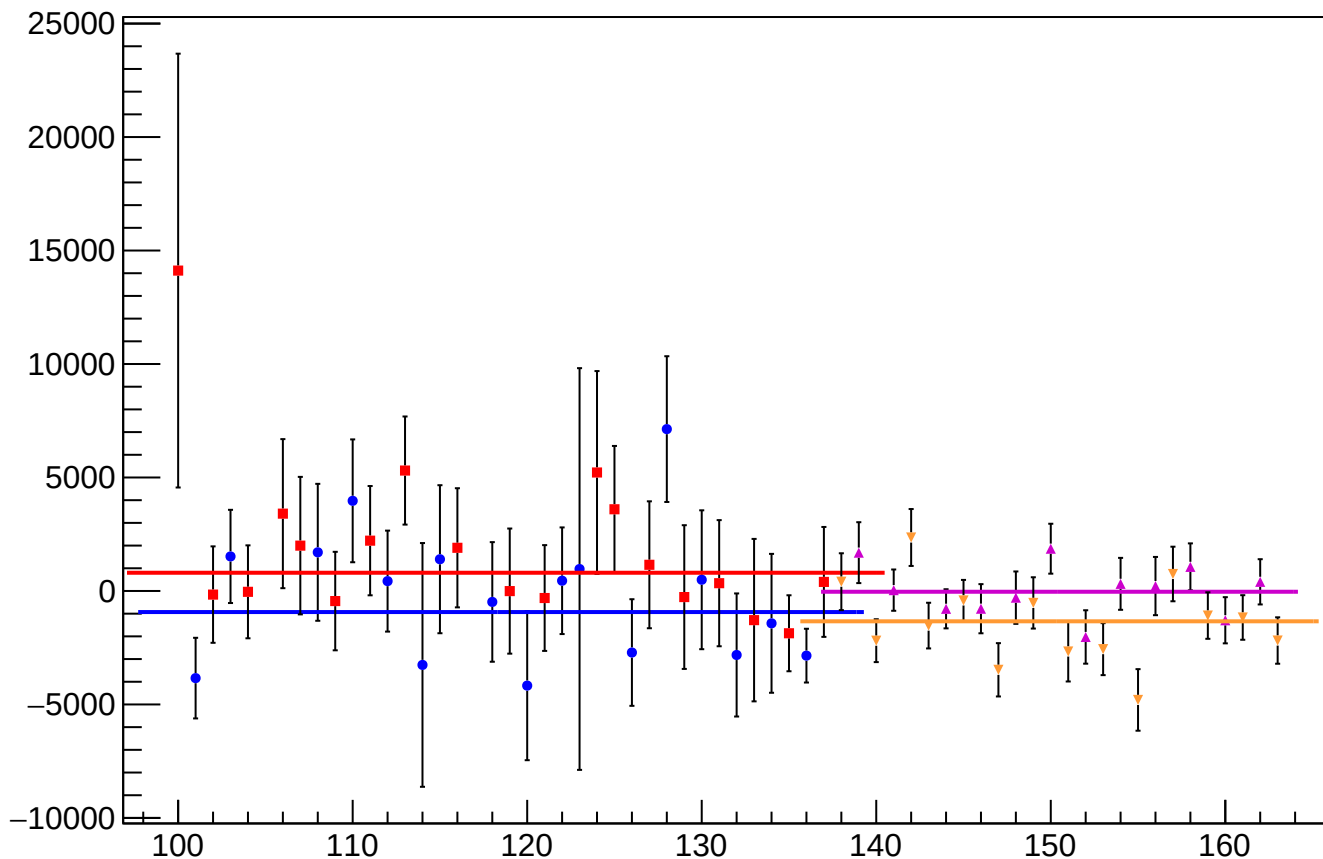
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 95.924 $\pm$ 0.017 χ^2 /NDF:501489.9/28

Out: 95.814 $\pm$ 0.016 χ^2 /NDF:788120.8/32

All: 95.867 $\pm$ 0.012 χ^2 /NDF: 1289632.4/61

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2 /NDF: 20.9/16

Left Out: -1336.680+/-293.235 χ^2 /NDF:28.8/13

Right Out: 802.855+/-593.810 χ^2 /NDF: 12.9/18

Left In: -34.450+/-308.003 χ^2 /NDF:11.8/11

Left: -717.533+/-212.377 χ^2 /NDF: 49.9/25

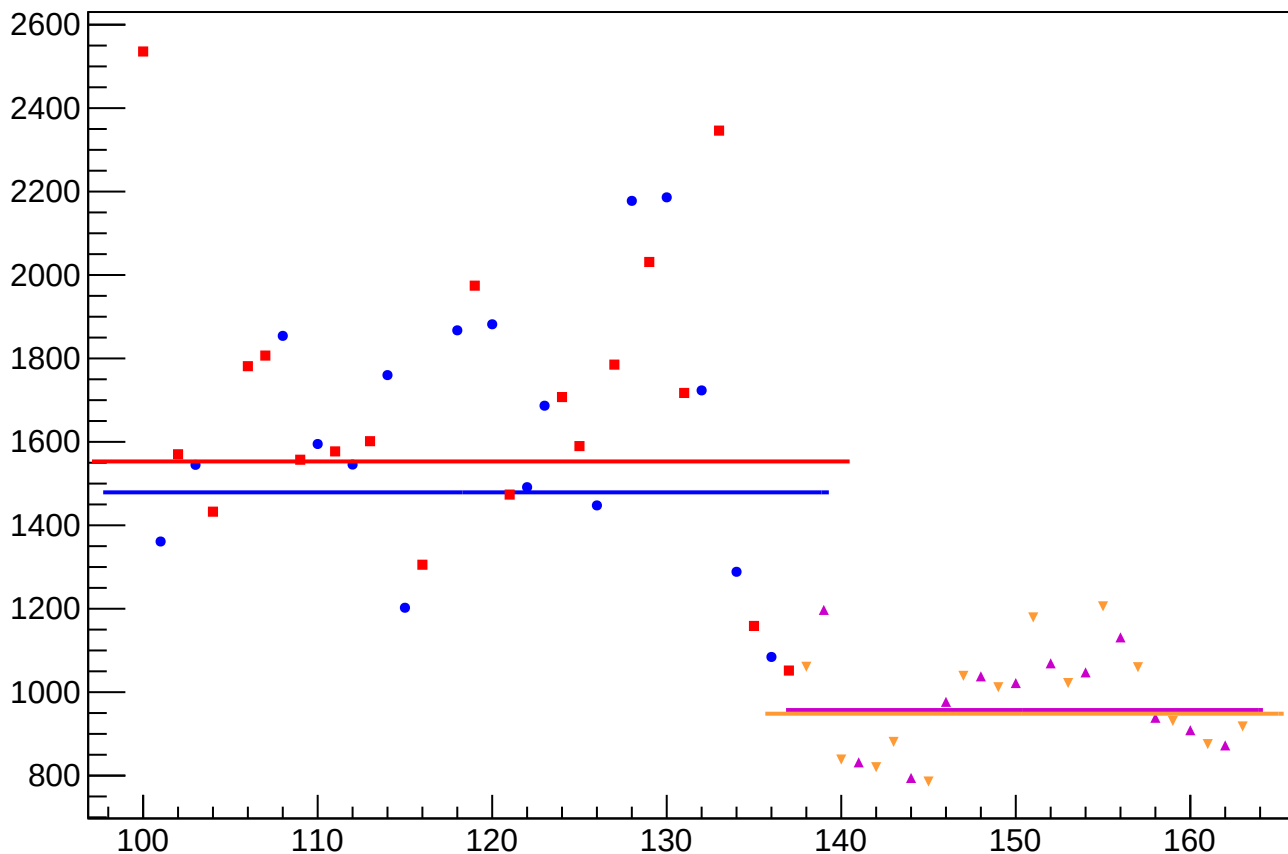
Right: -73.074+/-417.447 χ^2 /NDF: 38.0/35

In: -227.568+/-272.735 χ^2 /NDF:34.4/28

Out: -917.226+/-262.924 χ^2 /NDF:52.1/32

All: -585.025+/-189.289 χ^2 /NDF: 89.9/61

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 ± 0.415 $\chi^2/\text{NDF}: 589620.8/16$

Left Out: 948.410 ± 0.207 $\chi^2/\text{NDF}: 327794.1/13$

Right Out: 1553.074 ± 0.420 $\chi^2/\text{NDF}: 483784.4/18$

Left In: 957.181 ± 0.218 $\chi^2/\text{NDF}: 277748.3/11$

Left: 952.580 ± 0.150 $\chi^2/\text{NDF}: 606393.2/25$

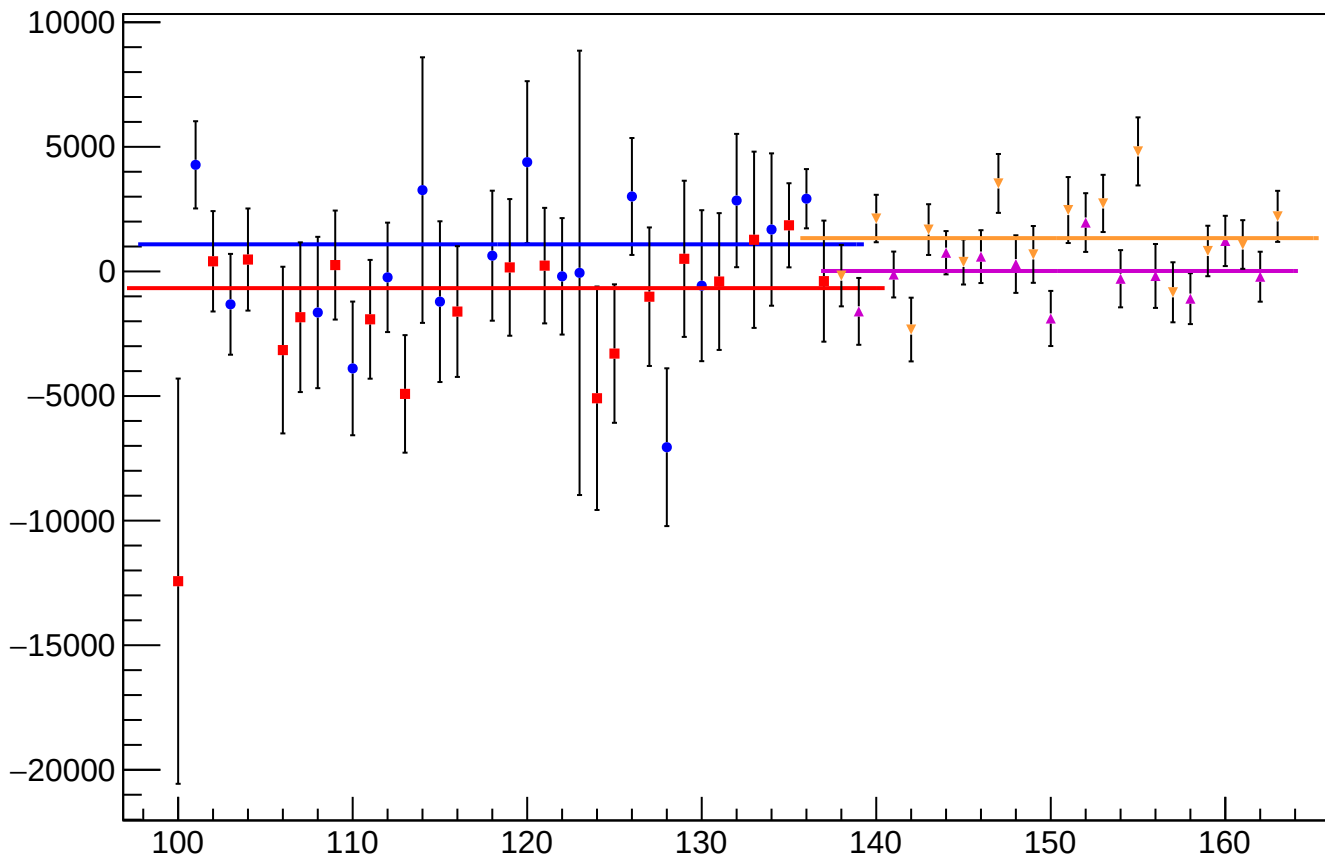
Right: 1515.603 ± 0.295 $\chi^2/\text{NDF}: 1089150.4/35$

In: 1069.840 ± 0.193 $\chi^2/\text{NDF}: 2106728.8/28$

Out: 1066.954 ± 0.186 $\chi^2/\text{NDF}: 2478796.4/32$

All: 1068.344 ± 0.134 $\chi^2/\text{NDF}: 4585641.3/61$

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: 1336.536 $\pm$ 294.002 χ^2 /NDF:28.4/13

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 17.907 $\pm$ 308.028 χ^2 /NDF:11.0/11

Left: 707.927 $\pm$ 212.677 χ^2 /NDF: 49.0/25

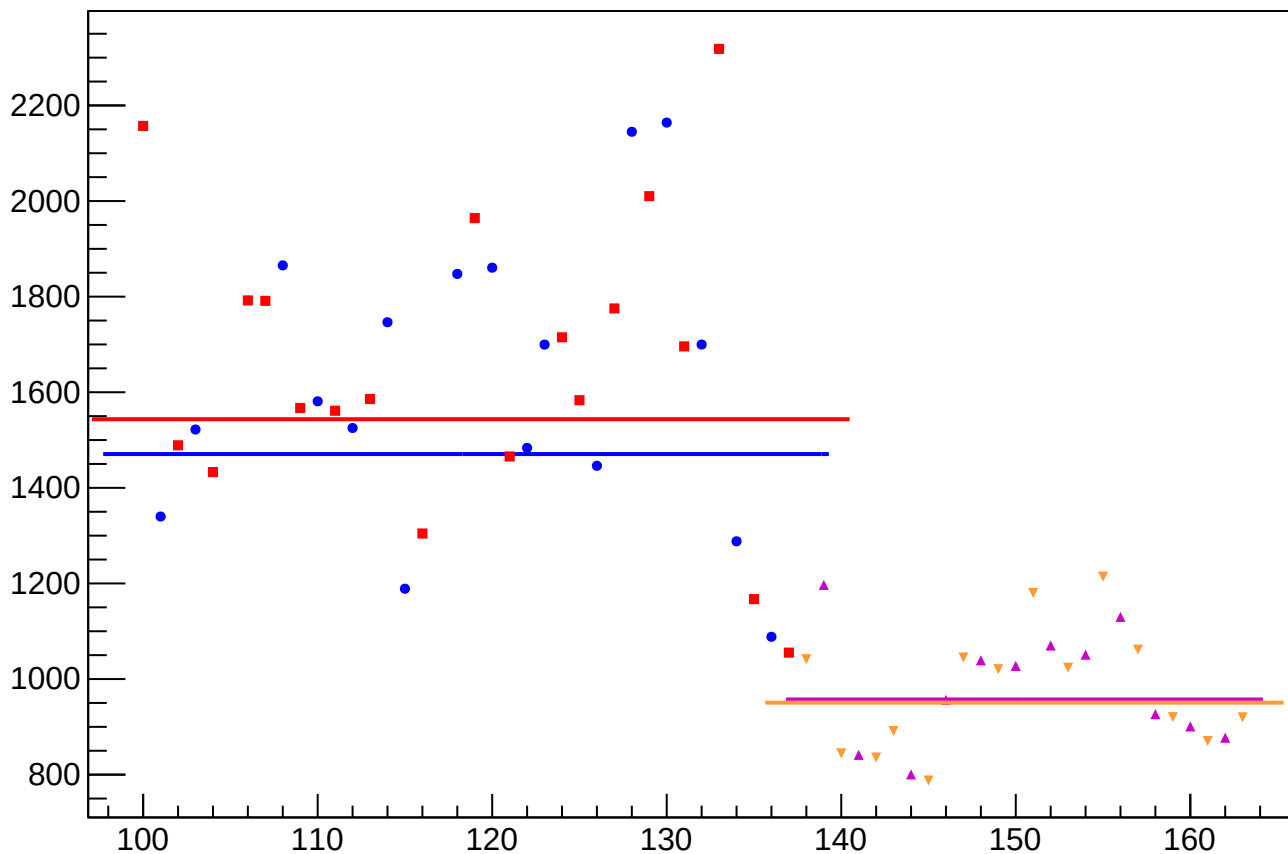
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 251.230 $\pm$ 272.385 χ^2 /NDF:35.5/28

Out: 937.355 $\pm$ 263.140 χ^2 /NDF:49.7/32

All: 606.133 $\pm$ 189.252 χ^2 /NDF: 88.5/61

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 950.631+/-0.208 χ^2/NDF : 320190.3/13

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 957.265+/-0.218 χ^2/NDF : 267548.4/11

Left: 953.794+/-0.150 χ^2/NDF : 588224.3/25

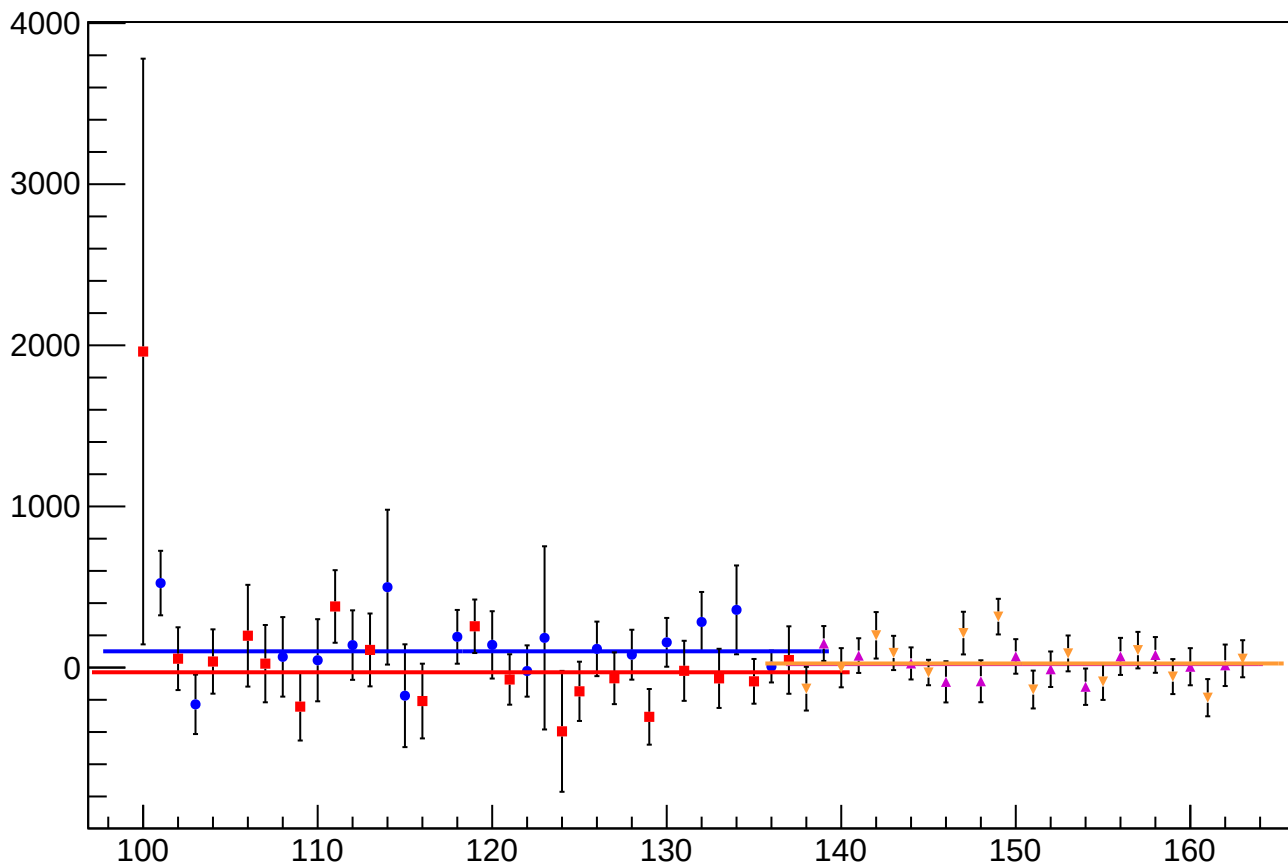
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1069.212+/-0.193 χ^2/NDF : 2046796.4/28

Out: 1068.584+/-0.186 χ^2/NDF : 2392751.8/32

All: 1068.887+/-0.134 χ^2/NDF : 4439553.7/63

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: 25.384 ± 30.130 $\chi^2/\text{NDF}: 20.4/13$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: 21.491 ± 32.734 $\chi^2/\text{NDF}: 5.3/11$

Left: 23.598 ± 22.169 $\chi^2/\text{NDF}: 25.7/25$

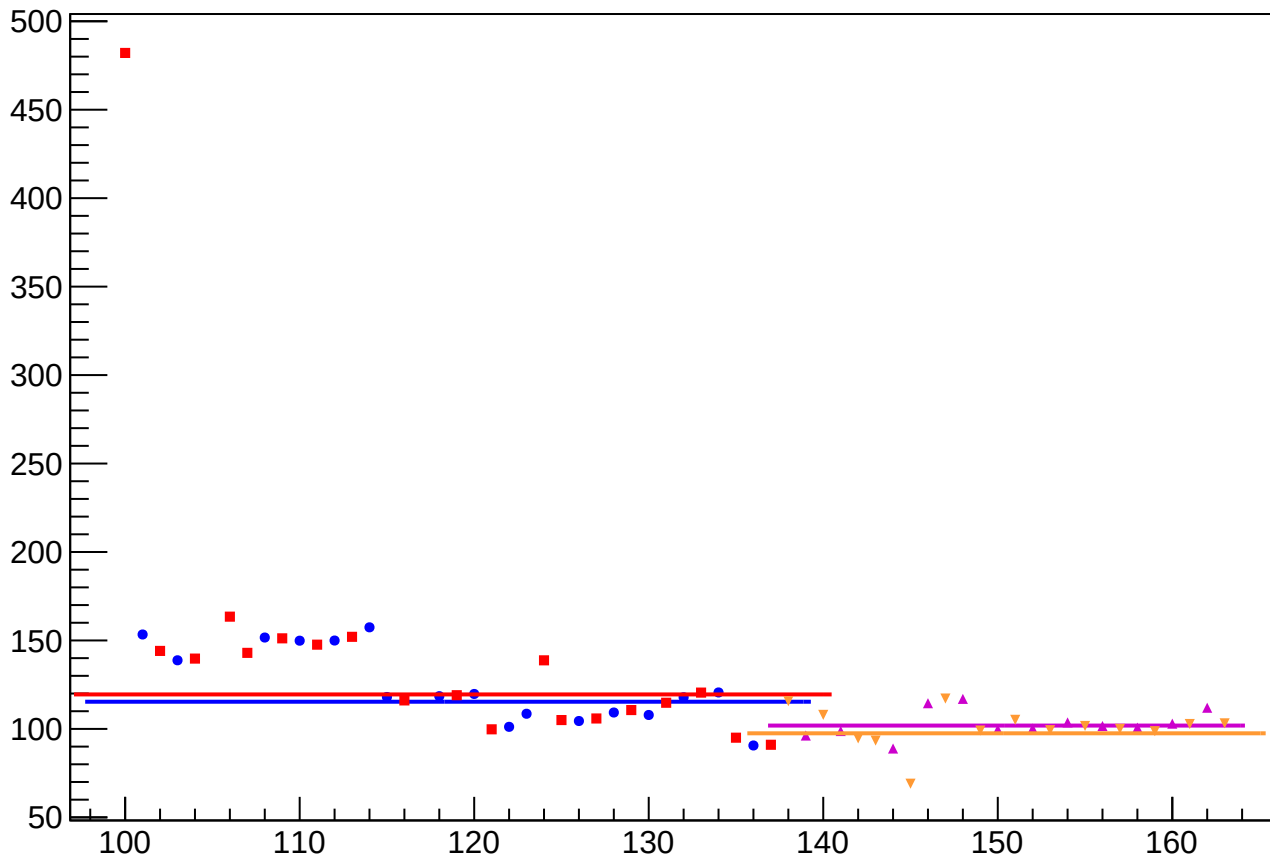
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 48.751 ± 26.529 $\chi^2/\text{NDF}: 20.4/28$

Out: 8.858 ± 25.154 $\chi^2/\text{NDF}: 36.1/32$

All: 27.744 ± 18.253 $\chi^2/\text{NDF}: 57.7/61$

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: 97.512 $\pm$ 0.021 χ^2 /NDF: 381076.7/13

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.889 $\pm$ 0.023 χ^2 /NDF: 101937.5/11

Left: 99.520 $\pm$ 0.016 χ^2 /NDF: 502372.7/25

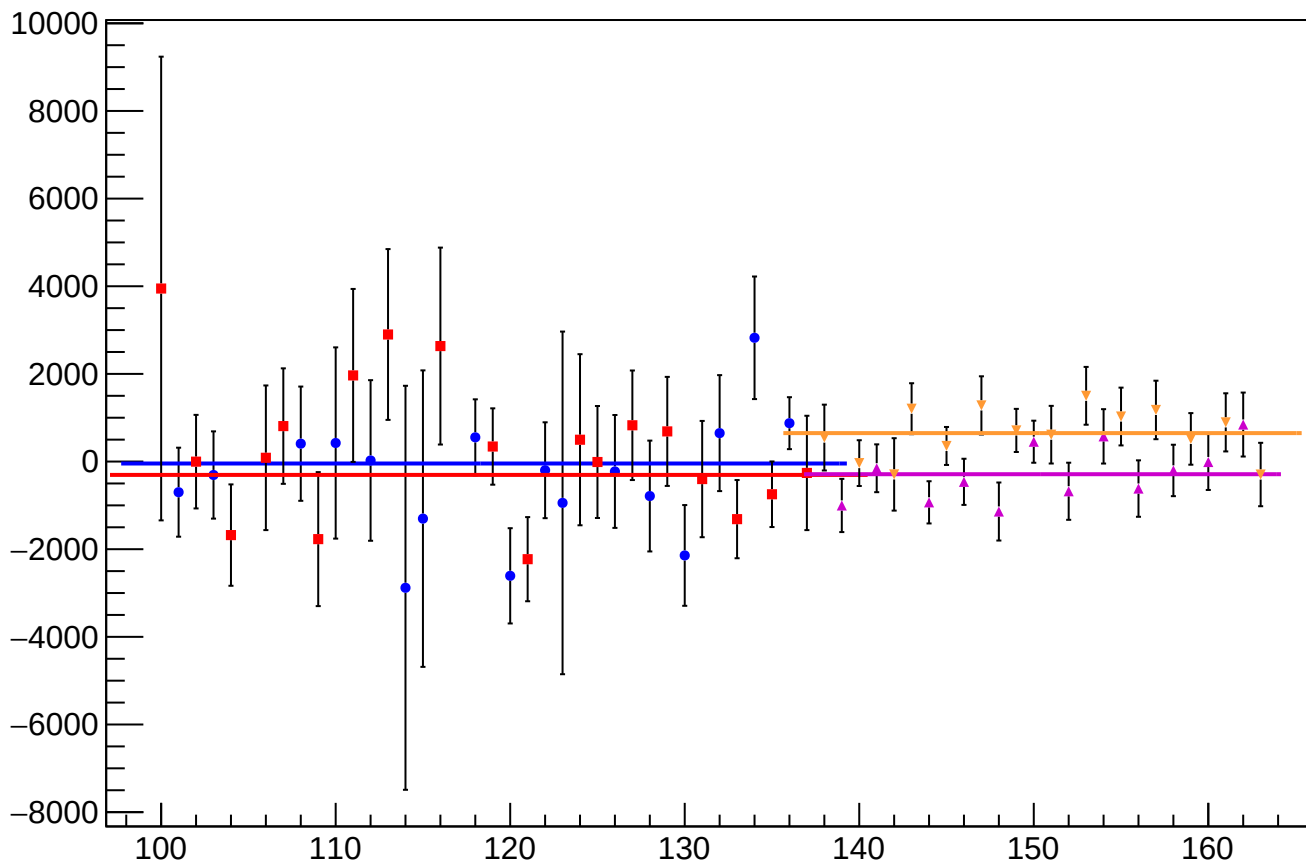
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 106.515 $\pm$ 0.019 χ^2 /NDF: 629648.7/28

Out: 104.173 $\pm$ 0.018 χ^2 /NDF: 1181553.1/32

All: 105.282 $\pm$ 0.013 χ^2 /NDF: 1819410.3/61

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 649.003 ± 162.636 $\chi^2/\text{NDF}: 9.8/13$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -288.870 ± 168.504 $\chi^2/\text{NDF}: 12.5/11$

Left: 196.682 ± 117.021 $\chi^2/\text{NDF}: 38.4/25$

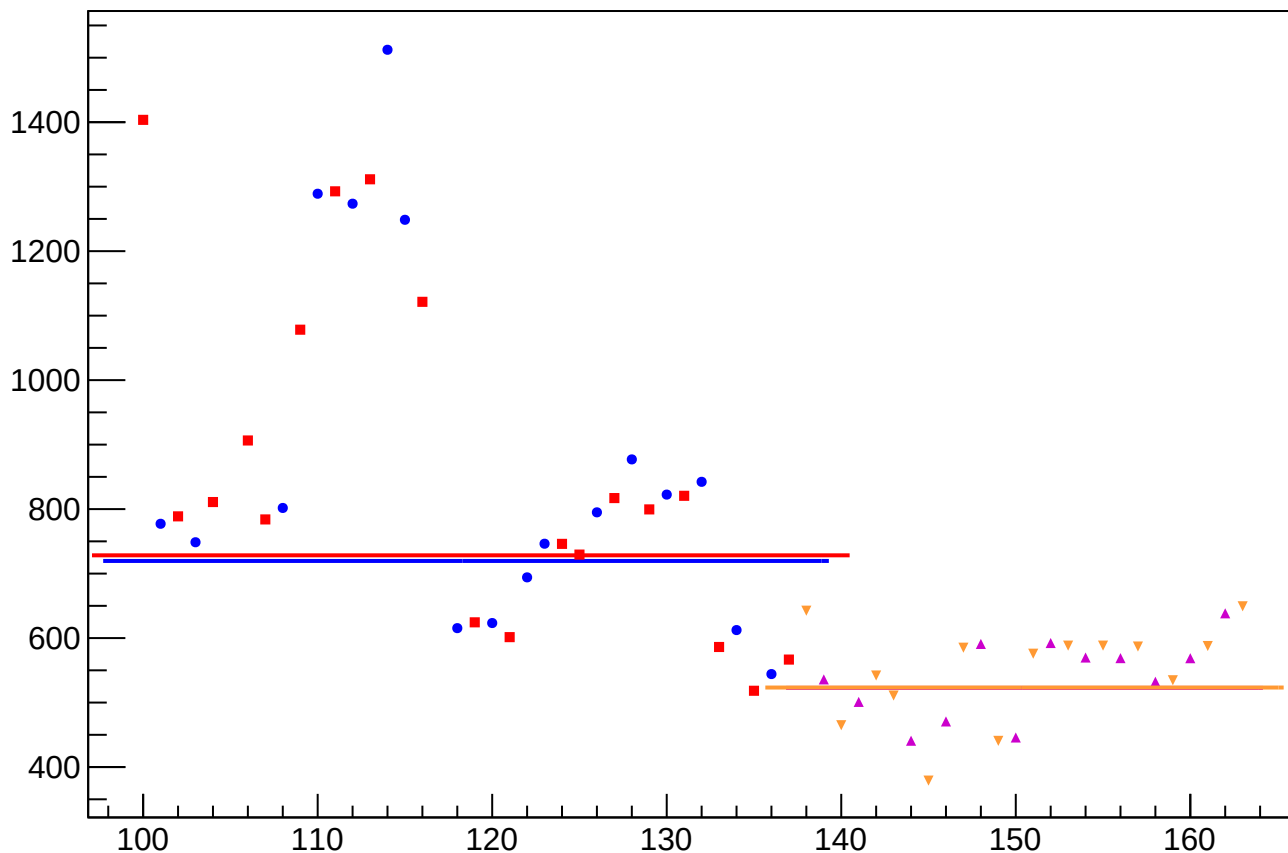
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -226.007 ± 145.217 $\chi^2/\text{NDF}: 31.0/28$

Out: 411.836 ± 140.973 $\chi^2/\text{NDF}: 35.8/32$

All: 102.371 ± 101.150 $\chi^2/\text{NDF}: 76.7/61$

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: 523.312 $\pm$ 0.115 χ^2 /NDF: 522854.0/13

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 522.742 $\pm$ 0.119 χ^2 /NDF: 259839.0/11

Left: 523.037 $\pm$ 0.083 χ^2 /NDF: 782704.9/25

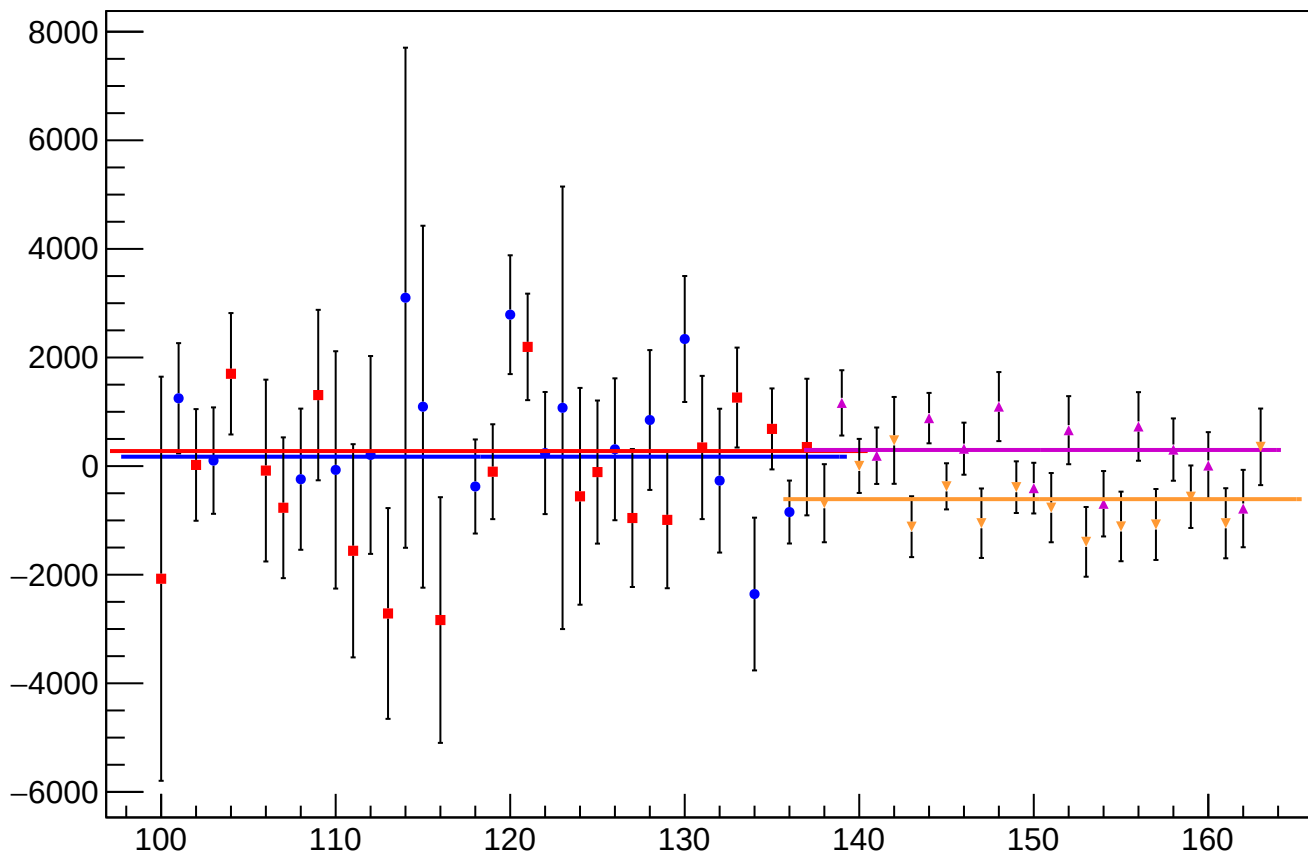
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 573.395 $\pm$ 0.103 χ^2 /NDF: 1709183.7/28

Out: 574.290 $\pm$ 0.100 χ^2 /NDF: 2226803.9/32

All: 573.856 $\pm$ 0.072 χ^2 /NDF: 3936026.7/61

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -608.508 $\pm$ 157.704 χ^2 /NDF:10.2/13

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 297.220 $\pm$ 162.261 χ^2 /NDF:13.6/11

Left: -168.542 $\pm$ 113.090 χ^2 /NDF: 39.8/25

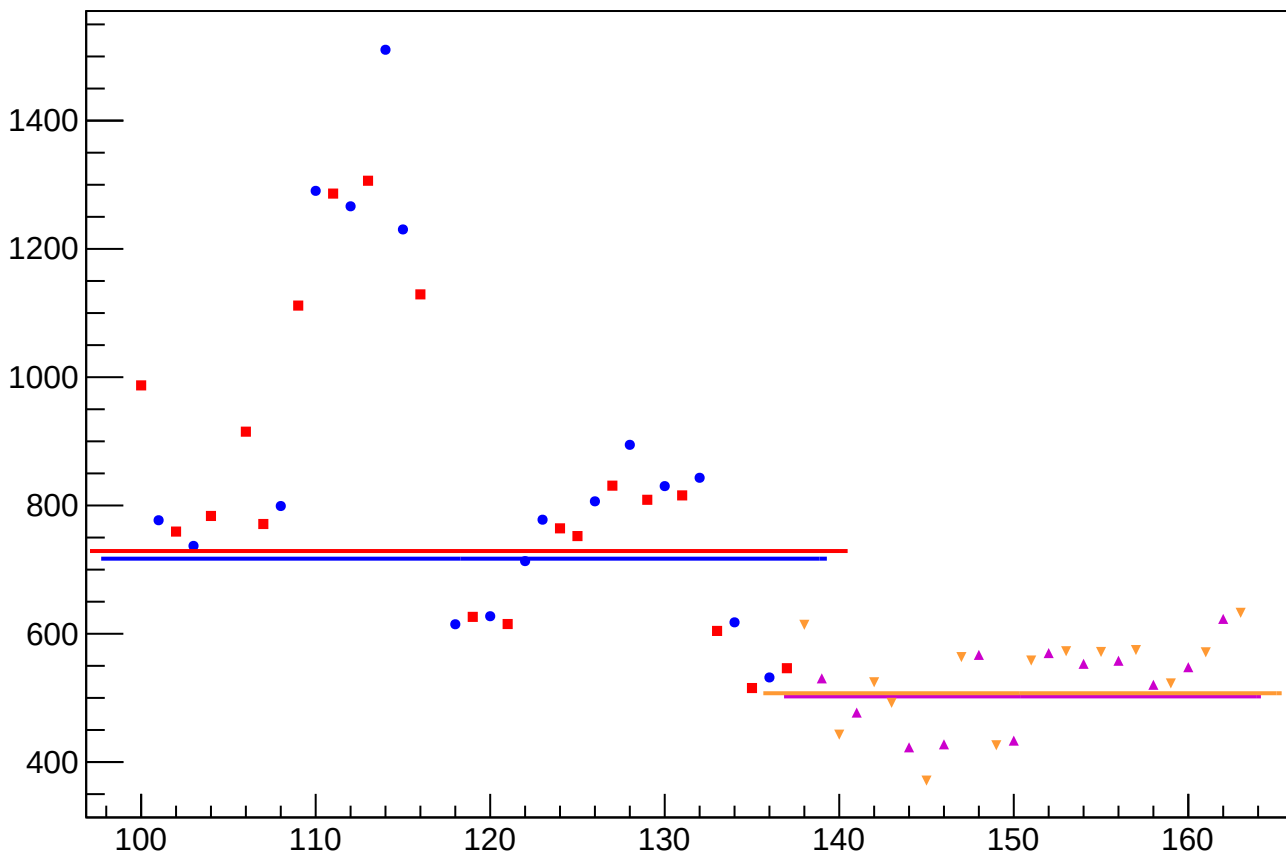
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 266.964 $\pm$ 141.090 χ^2 /NDF:31.8/28

Out: -398.340 $\pm$ 137.727 χ^2 /NDF:33.7/32

All: -73.713 $\pm$ 98.555 χ^2 /NDF: 76.9/61

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: 507.280 $\pm$ 0.112 χ^2 /NDF: 518338.7/13

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 502.342 $\pm$ 0.115 χ^2 /NDF: 303950.9/11

Left: 504.881 $\pm$ 0.080 χ^2 /NDF: 823242.2/25

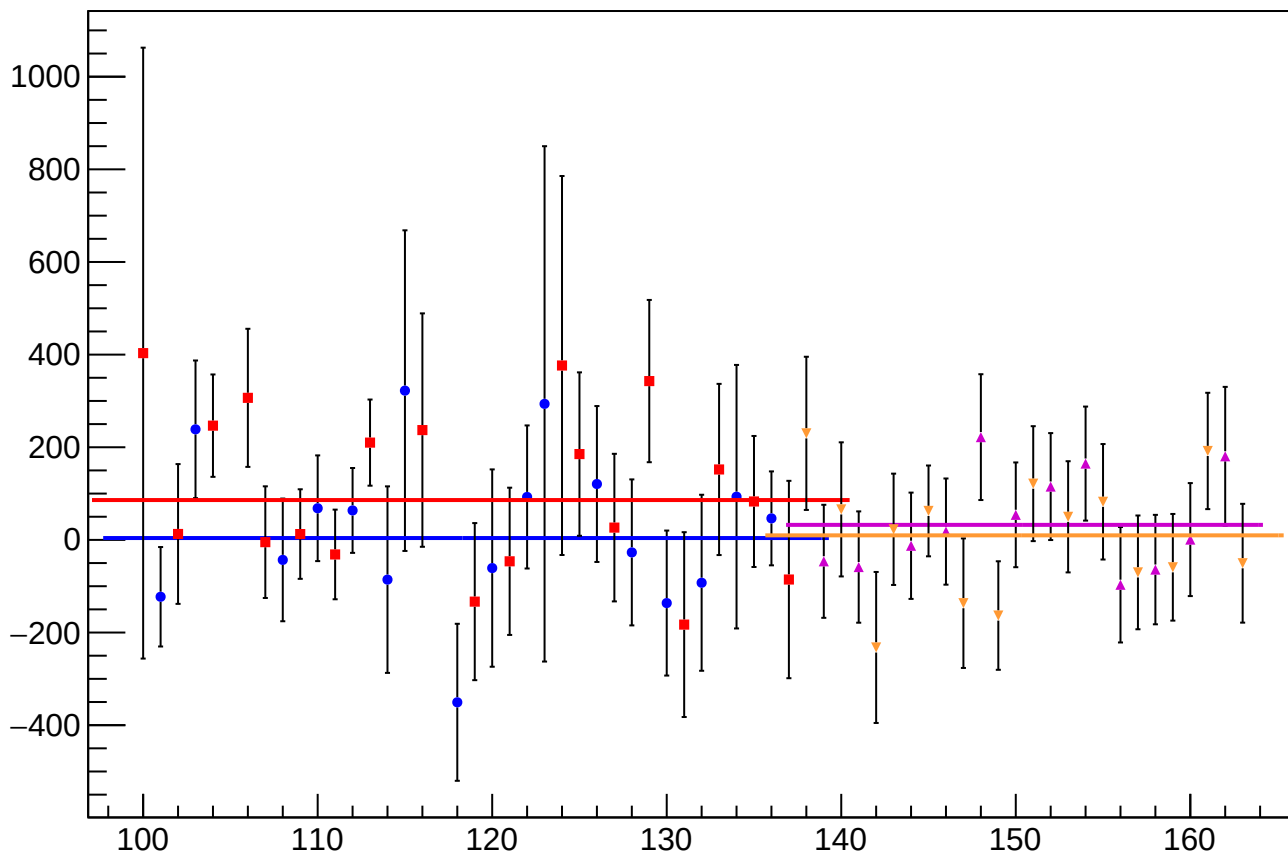
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 554.723 $\pm$ 0.100 χ^2 /NDF: 1940850.8/28

Out: 559.893 $\pm$ 0.097 χ^2 /NDF: 2347094.7/32

All: 557.370 $\pm$ 0.070 χ^2 /NDF: 4289320.4/61

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 9.817 ± 33.636 $\chi^2/\text{NDF}: 12.1/13$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 32.445 ± 35.143 $\chi^2/\text{NDF}: 7.6/11$

Left: 20.636 ± 24.299 $\chi^2/\text{NDF}: 19.9/25$

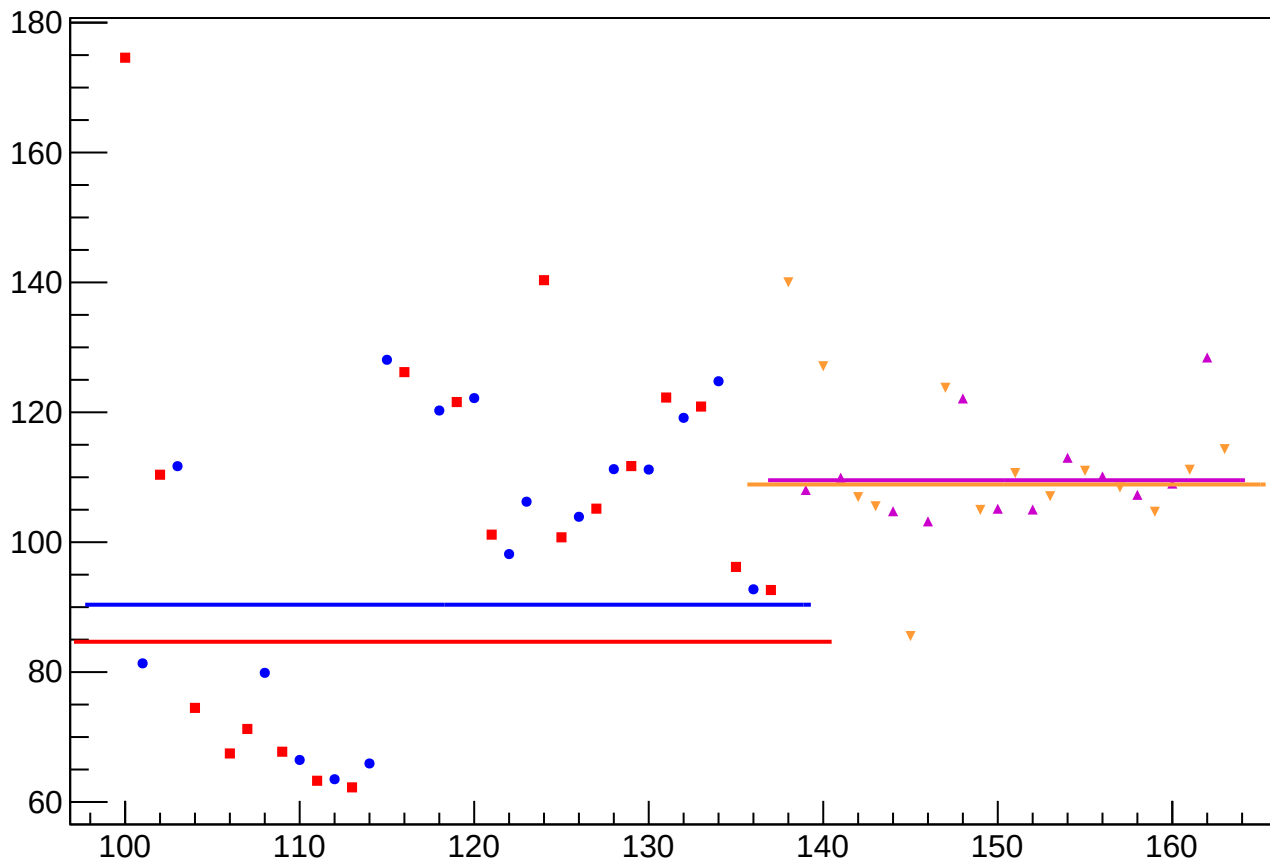
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 18.551 ± 25.130 $\chi^2/\text{NDF}: 20.6/28$

Out: 48.221 ± 23.690 $\chi^2/\text{NDF}: 32.3/32$

All: 34.261 ± 17.238 $\chi^2/\text{NDF}: 53.6/61$

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: 108.887 $\pm$ 0.024 χ^2/NDF : 250918.9/13

Right Out: 84.673 $\pm$ 0.024 χ^2/NDF : 908123.4/18

Left In: 109.539 $\pm$ 0.025 χ^2/NDF : 67331.6/11

Left: 109.199 $\pm$ 0.017 χ^2/NDF : 318609.7/25

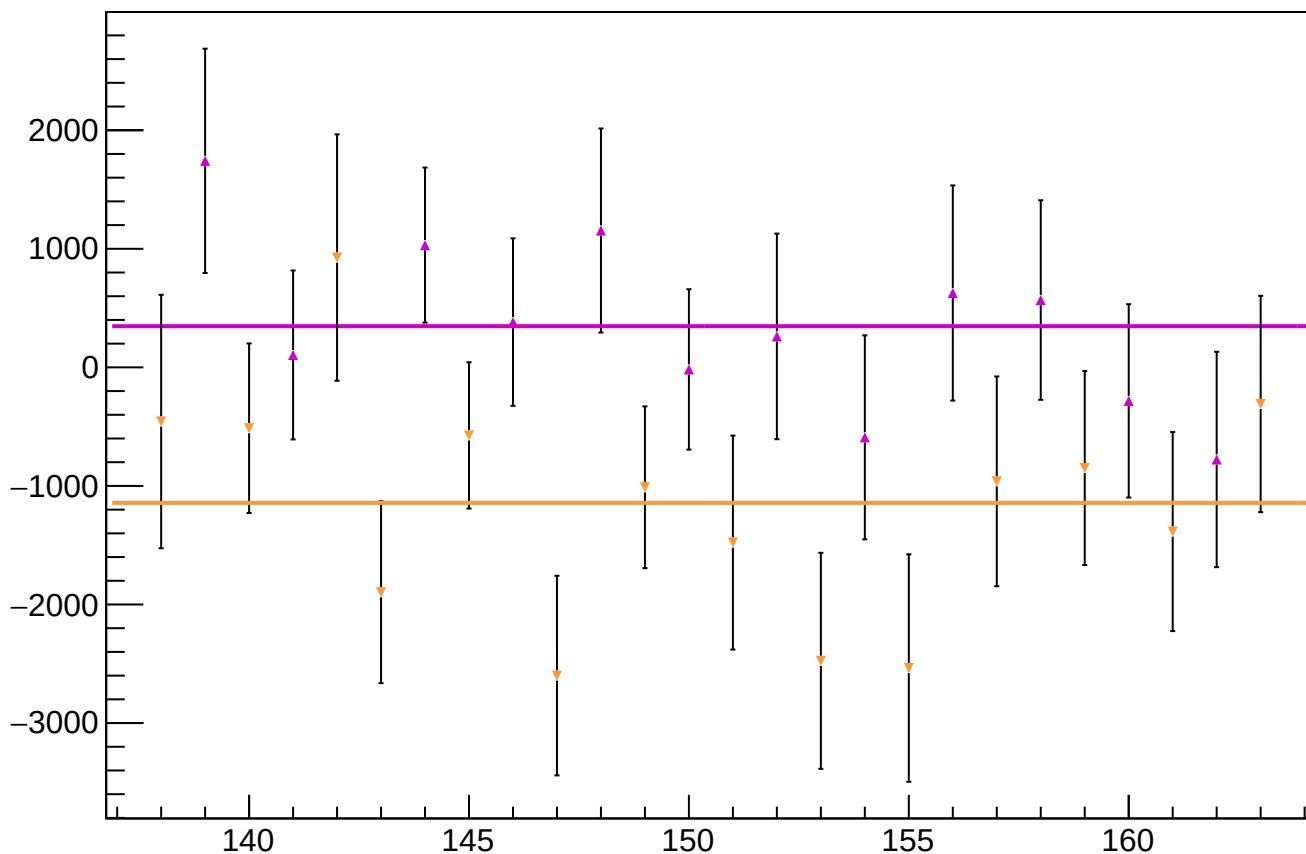
Right: 87.312 $\pm$ 0.017 χ^2/NDF : 1589292.9/35

In: 100.175 $\pm$ 0.018 χ^2/NDF : 1012093.8/28

Out: 96.684 $\pm$ 0.017 χ^2/NDF : 1681420.1/32

All: 98.327 $\pm$ 0.012 χ^2/NDF : 2713945.4/61

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: -1143.331 ± 220.557 $\chi^2/\text{NDF}: 15.5/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 347.360 ± 229.483 $\chi^2/\text{NDF}: 8.0/11$

Left: -427.541 ± 159.019 $\chi^2/\text{NDF}: 45.5/25$

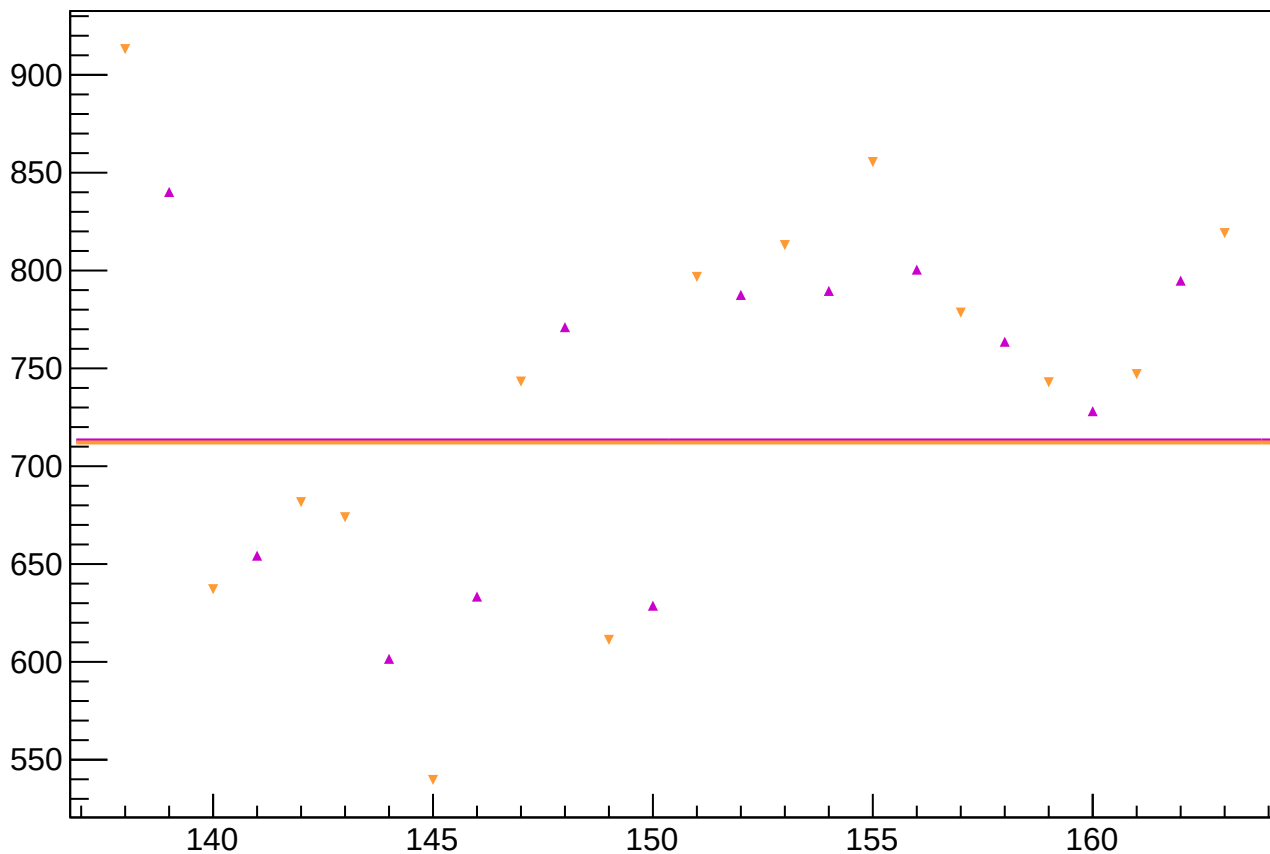
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 347.360 ± 229.483 $\chi^2/\text{NDF}: 8.0/11$

Out: -1143.331 ± 220.557 $\chi^2/\text{NDF}: 15.5/13$

All: -427.541 ± 159.019 $\chi^2/\text{NDF}: 45.5/25$

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 712.140+/-0.156 χ^2/NDF :433950.2/13

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

Left In: 713.162+/-0.162 χ^2/NDF :246714.3/11

Left: 712.631+/-0.112 χ^2/NDF : 680685.2/25

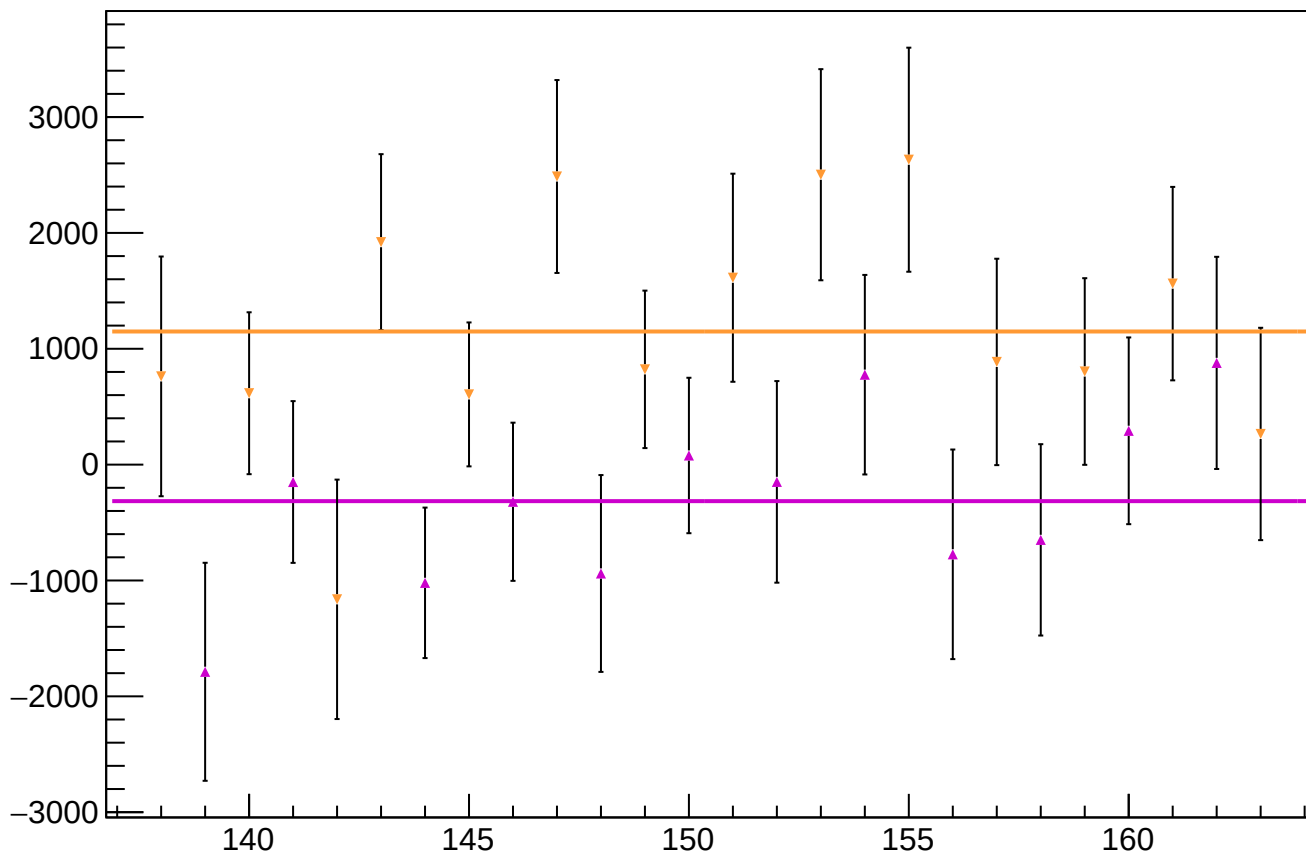
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.162+/-0.162 χ^2/NDF :246714.3/11

Out: 712.140+/-0.156 χ^2/NDF :433950.2/13

All: 712.631+/-0.112 χ^2/NDF : 680685.2/25

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1149.151+/-219.293 χ^2/NDF :16.6/13

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

Left In: -315.131+/-227.054 χ^2/NDF :8.9/11

Left: 442.462+/-157.736 χ^2/NDF : 47.0/25

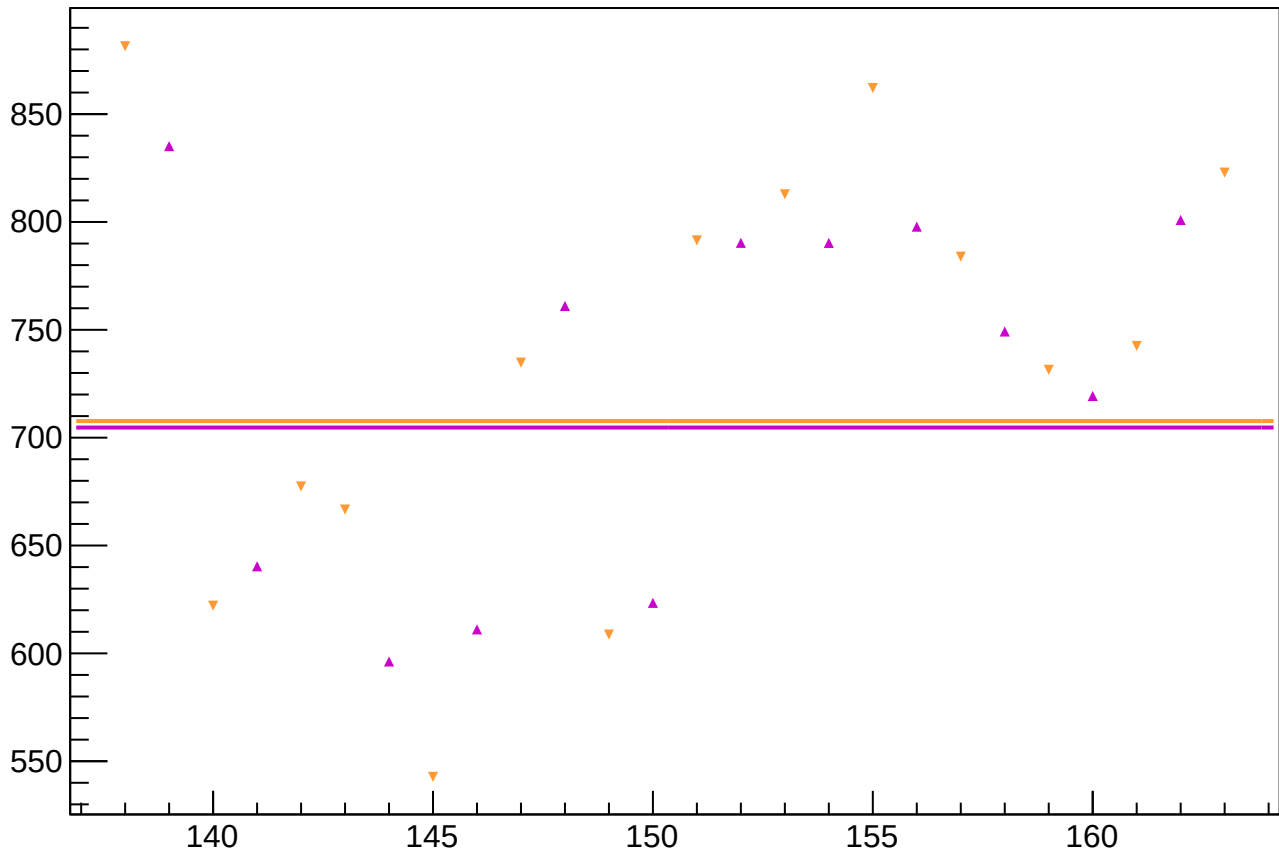
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -315.131+/-227.054 χ^2/NDF :8.9/11

Out: 1149.151+/-219.293 χ^2/NDF :16.6/13

All: 442.462+/-157.736 χ^2/NDF : 47.0/25

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 707.705+/-0.155 χ^2/NDF :426060.8/13

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

Left In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Left: 706.254+/-0.112 χ^2/NDF : 702113.5/25

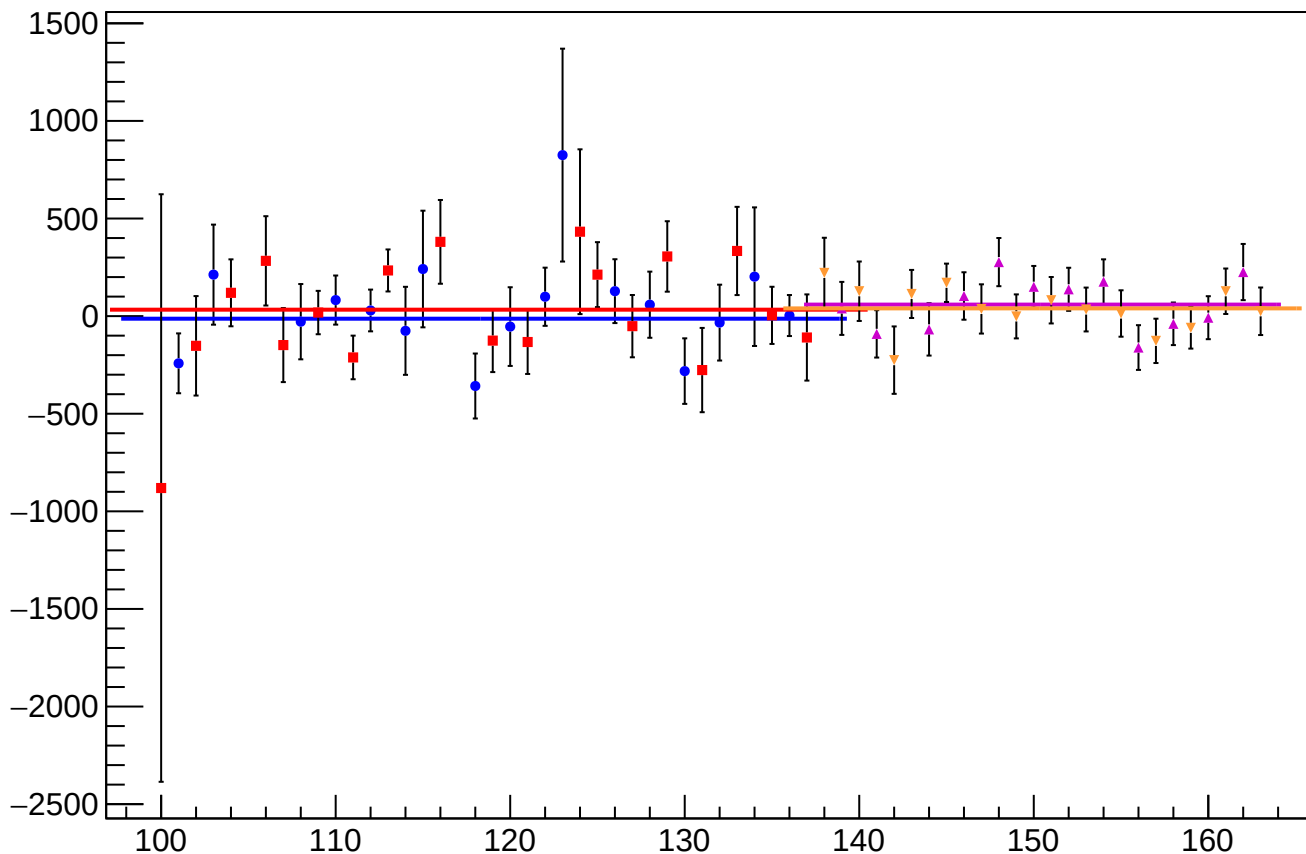
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.698+/-0.161 χ^2/NDF :275871.2/11

Out: 707.705+/-0.155 χ^2/NDF :426060.8/13

All: 706.254+/-0.112 χ^2/NDF : 702113.5/25

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 39.614 ± 32.506 χ^2/NDF : 9.8/13

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 59.002 ± 34.322 χ^2/NDF : 14.2/11

Left: 48.782 ± 23.601 χ^2/NDF : 24.1/25

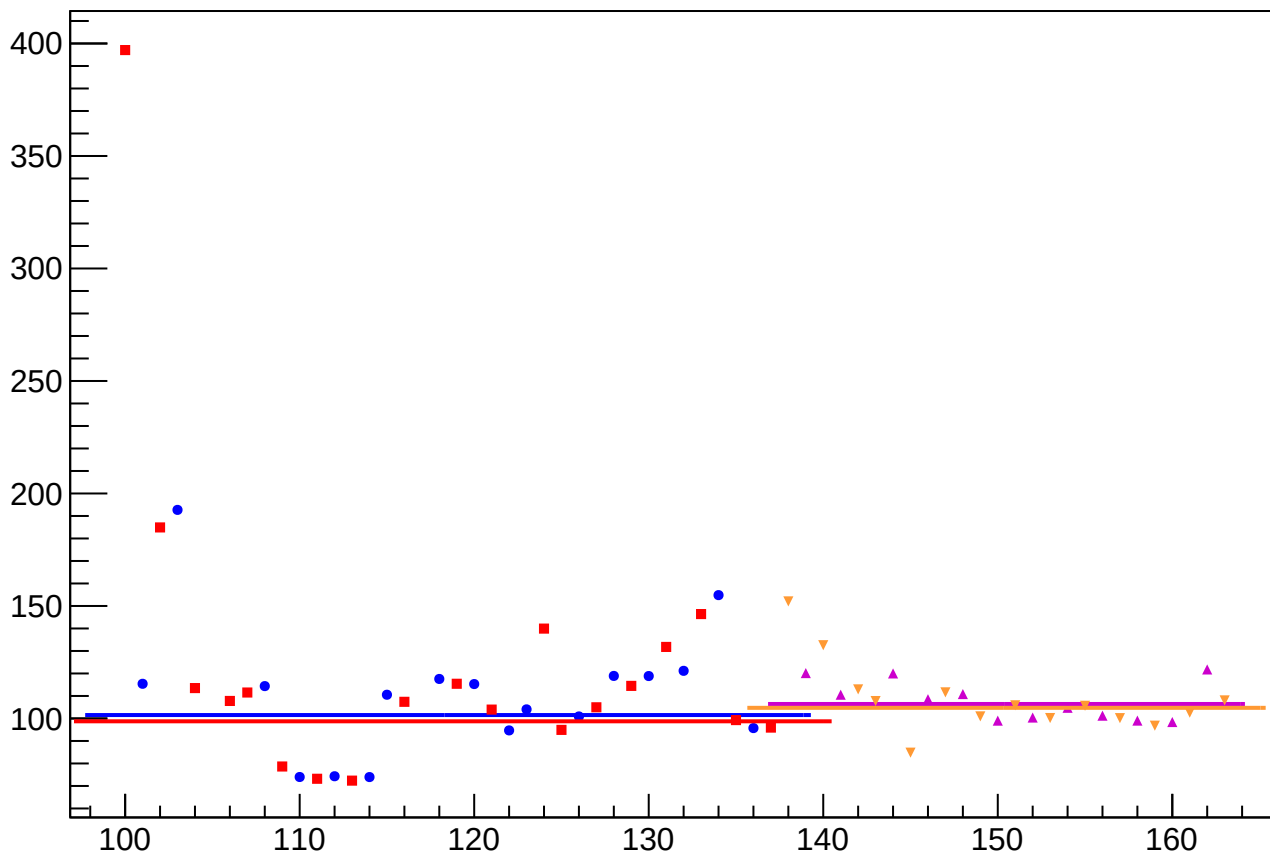
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 28.863 ± 26.199 χ^2/NDF : 31.7/28

Out: 36.904 ± 24.938 χ^2/NDF : 34.9/32

All: 33.081 ± 18.063 χ^2/NDF : 66.6/61

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: 104.727 $\pm$ 0.023 χ^2 /NDF: 321244.3/13

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 106.439 $\pm$ 0.024 χ^2 /NDF: 109121.5/11

Left: 105.537 $\pm$ 0.017 χ^2 /NDF: 432990.2/25

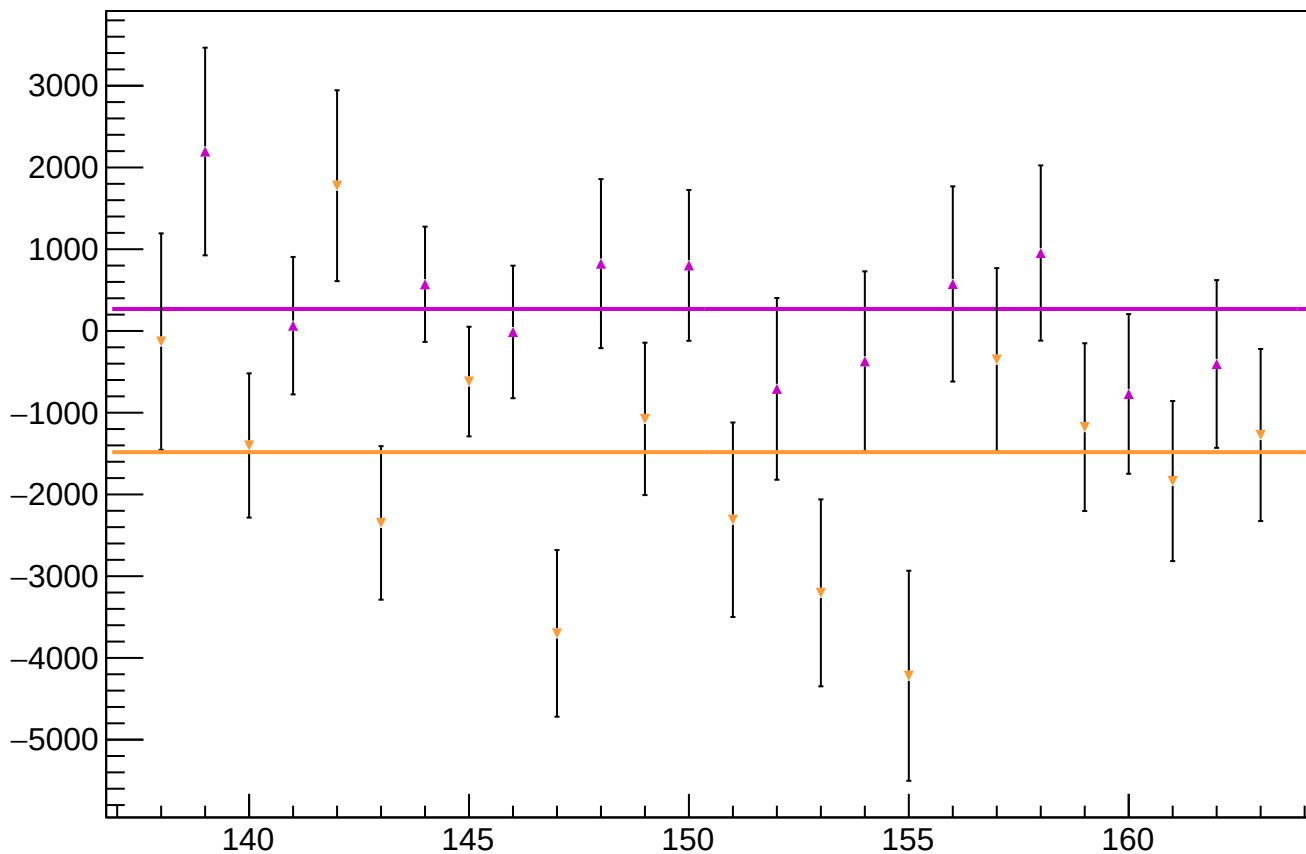
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.386 $\pm$ 0.019 χ^2 /NDF: 807988.5/28

Out: 102.262 $\pm$ 0.018 χ^2 /NDF: 1174828.5/32

All: 103.272 $\pm$ 0.013 χ^2 /NDF: 1989713.4/61

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1482.609+/-268.924 χ^2/NDF :24.8/13

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

Left In: 268.485+/-278.623 χ^2/NDF :6.4/11

Left: -638.071+/-193.496 χ^2/NDF : 51.7/25

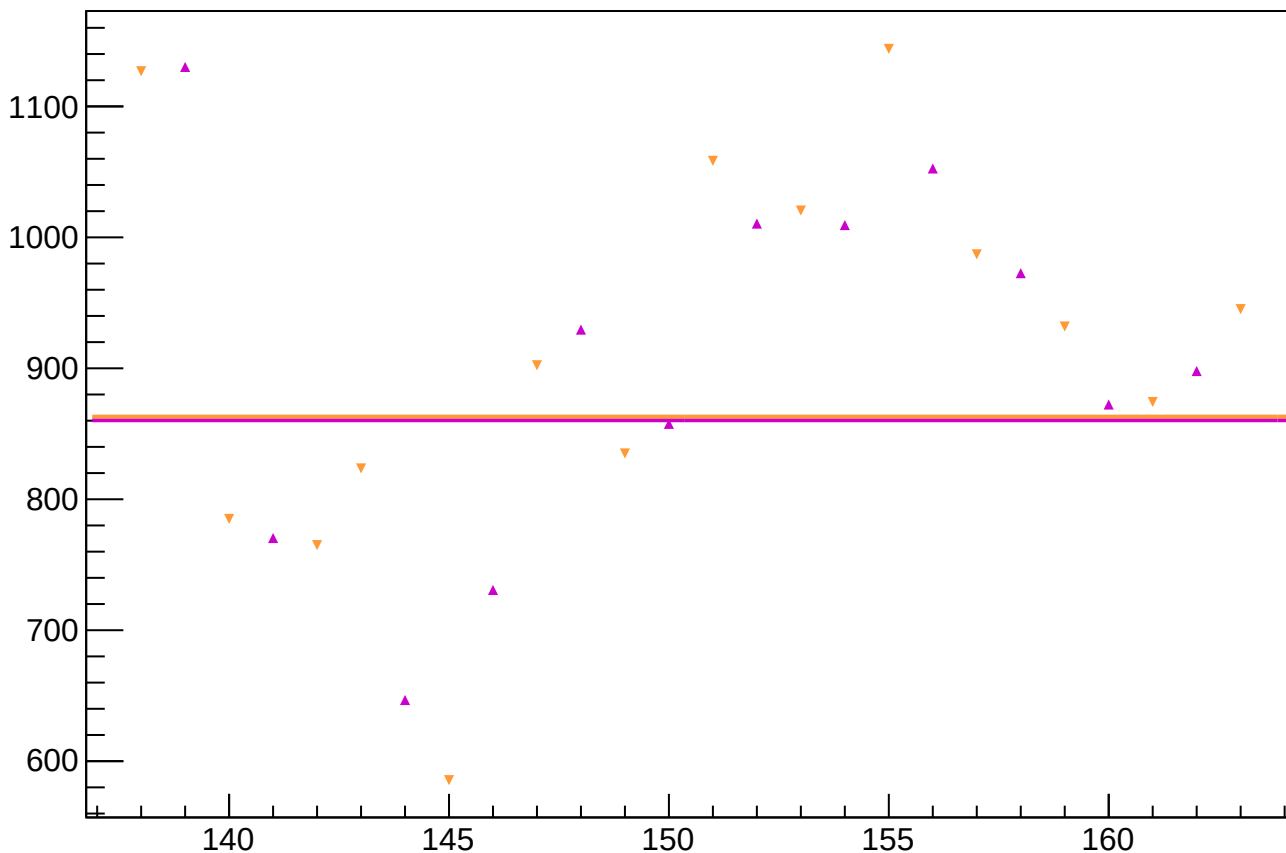
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.485+/-278.623 χ^2/NDF :6.4/11

Out: -1482.609+/-268.924 χ^2/NDF :24.8/13

All: -638.071+/-193.496 χ^2/NDF : 51.7/25

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 863.073+/-0.190 χ^2/NDF : 693516.1/13

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

Left In: 860.335+/-0.197 χ^2/NDF : 506714.7/11

Left: 861.753+/-0.137 χ^2/NDF : 1200330.8/25

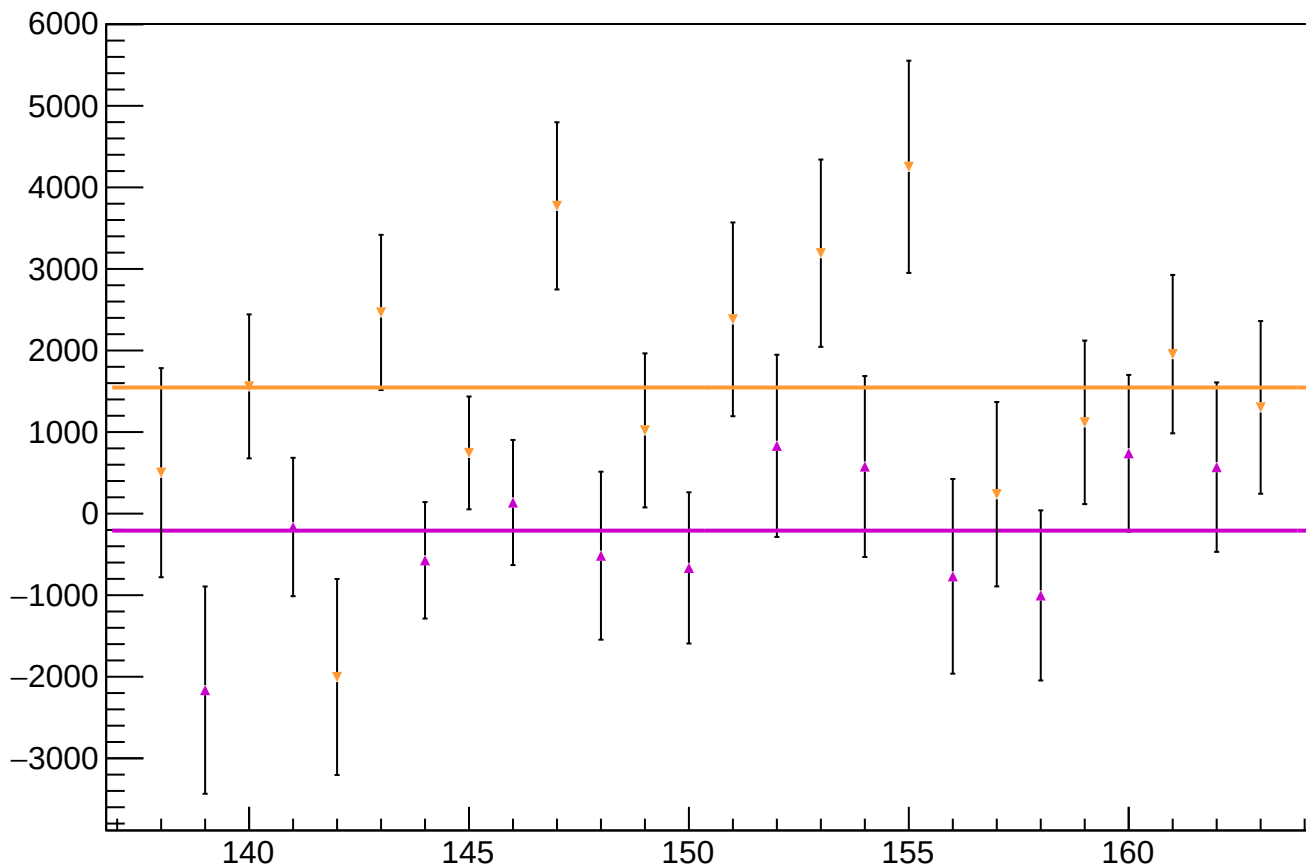
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 860.335+/-0.197 χ^2/NDF : 506714.7/11

Out: 863.073+/-0.190 χ^2/NDF : 693516.1/13

All: 861.753+/-0.137 χ^2/NDF : 1200330.8/25

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1546.406+/-270.755 χ^2/NDF :25.3/13

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

Left In: -208.567+/-277.097 χ^2/NDF :6.9/11

Left: 689.232+/-193.656 χ^2/NDF : 52.7/25

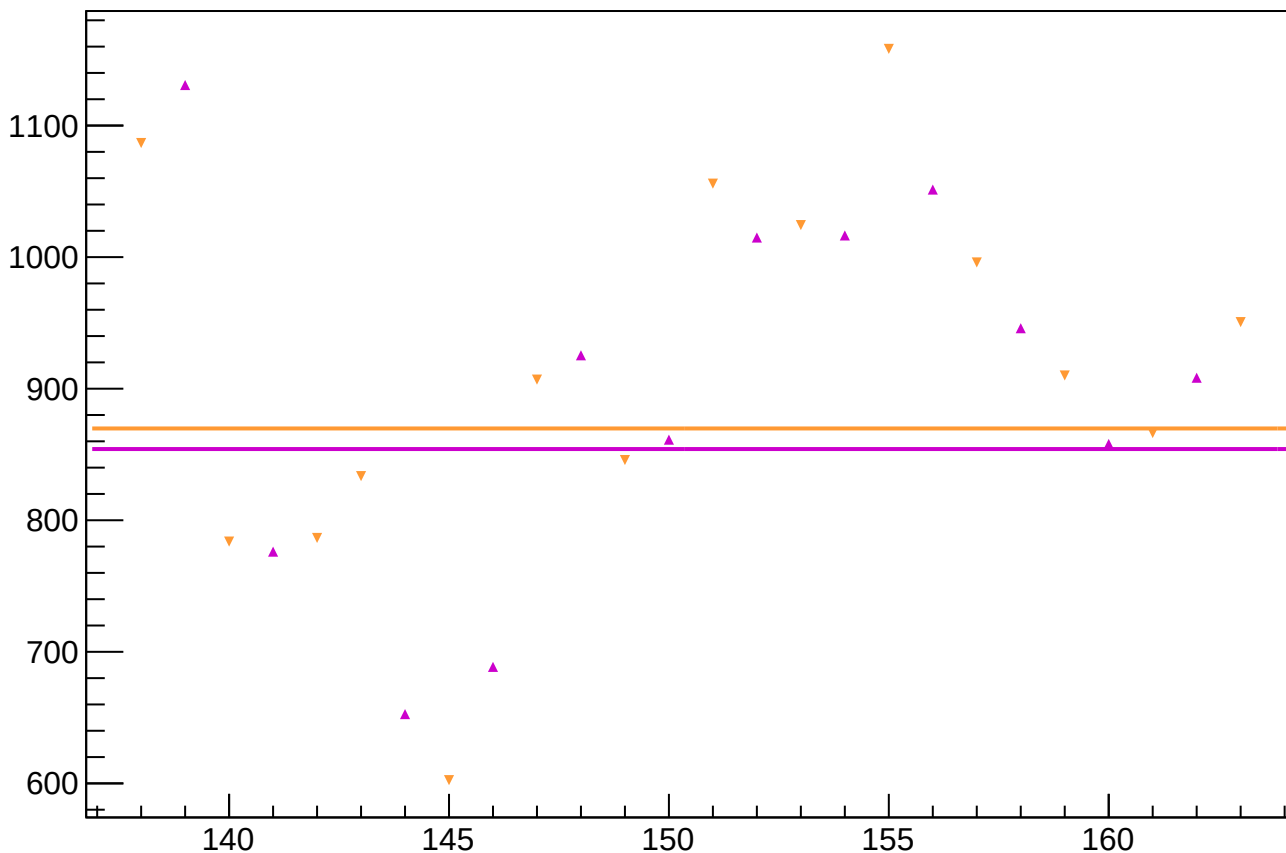
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -208.567+/-277.097 χ^2/NDF :6.9/11

Out: 1546.406+/-270.755 χ^2/NDF :25.3/13

All: 689.232+/-193.656 χ^2/NDF : 52.7/25

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 869.769+/-0.191 χ^2/NDF : 614982.0/13

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

Left In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Left: 862.129+/-0.137 χ^2/NDF : 1151911.3/25

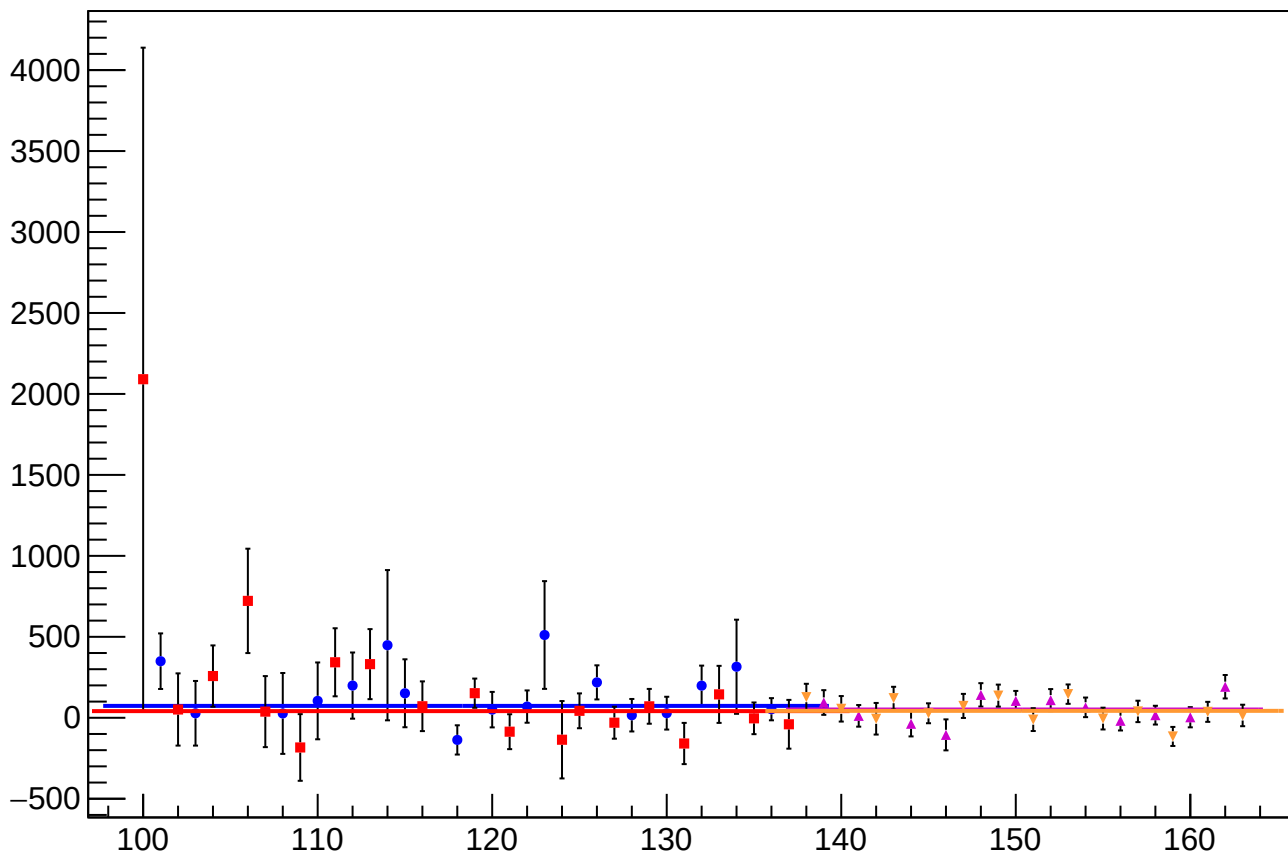
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 854.127+/-0.196 χ^2/NDF : 533668.9/11

Out: 869.769+/-0.191 χ^2/NDF : 614982.0/13

All: 862.129+/-0.137 χ^2/NDF : 1151911.3/25

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: 42.818 $\pm$ 18.297 χ^2 /NDF:16.2/13

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 51.006 $\pm$ 19.466 χ^2 /NDF:13.8/11

Left: 46.659 $\pm$ 13.332 χ^2 /NDF: 30.1/25

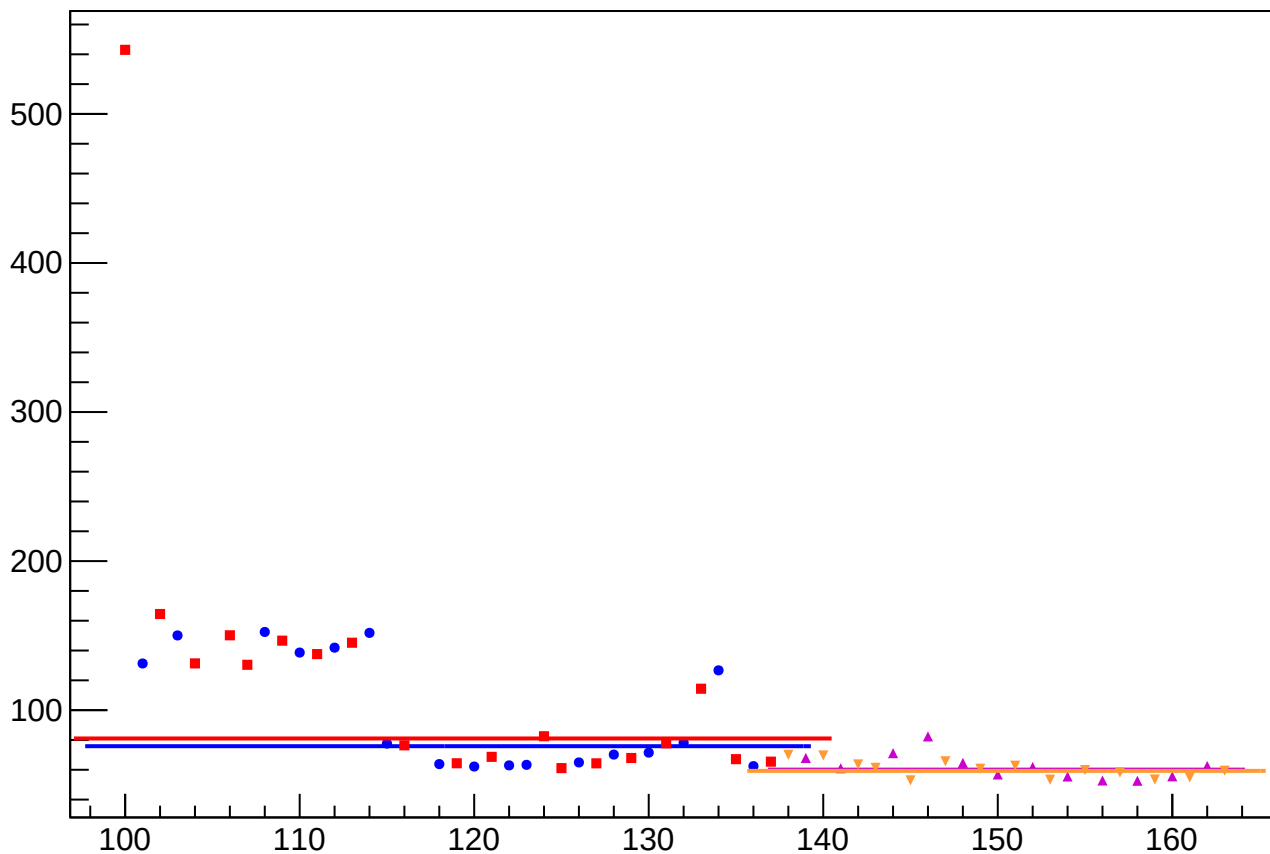
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 57.335 $\pm$ 16.495 χ^2 /NDF:29.4/28

Out: 42.413 $\pm$ 15.972 χ^2 /NDF:35.4/32

All: 49.634 $\pm$ 11.474 χ^2 /NDF: 65.3/61

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2/NDF : 1349961.8/16

Left Out: 59.272+/-0.013 χ^2/NDF :166248.9/13

Right Out: 80.999+/-0.023 χ^2/NDF : 1627899.8/18

Left In: 60.098+/-0.014 χ^2/NDF :271281.2/11

Left: 59.659+/-0.009 χ^2/NDF : 439439.6/25

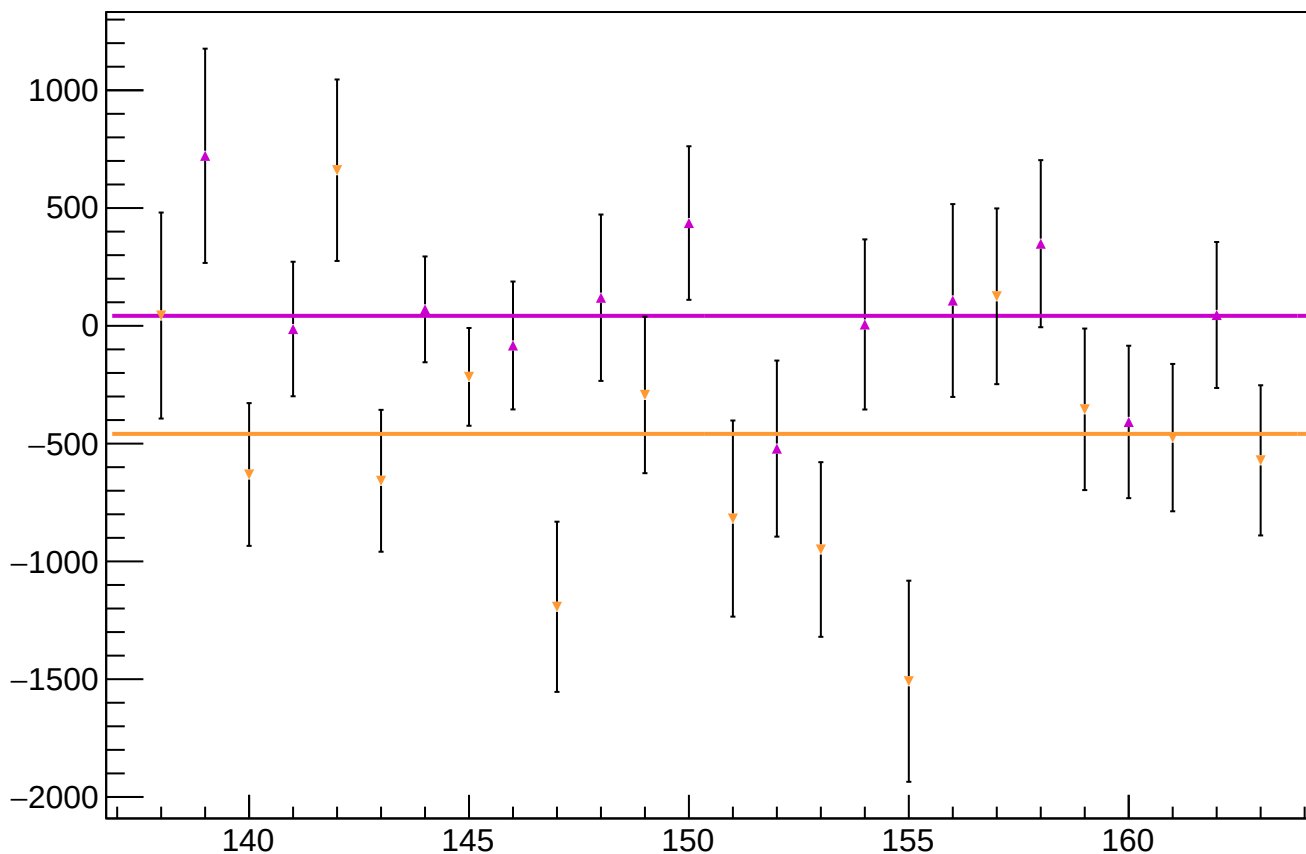
Right: 78.273+/-0.016 χ^2/NDF : 3004207.0/35

In: 64.531+/-0.012 χ^2/NDF :1989164.1/28

Out: 64.443+/-0.011 χ^2/NDF :2465322.5/32

All: 64.486+/-0.008 χ^2/NDF : 4454516.4/61

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: -458.678 $\pm$ 88.344 χ^2 /NDF:27.5/13

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

Left In: 42.463 $\pm$ 92.589 χ^2 /NDF:9.0/11

Left: -219.857 $\pm$ 63.917 χ^2 /NDF: 51.8/25

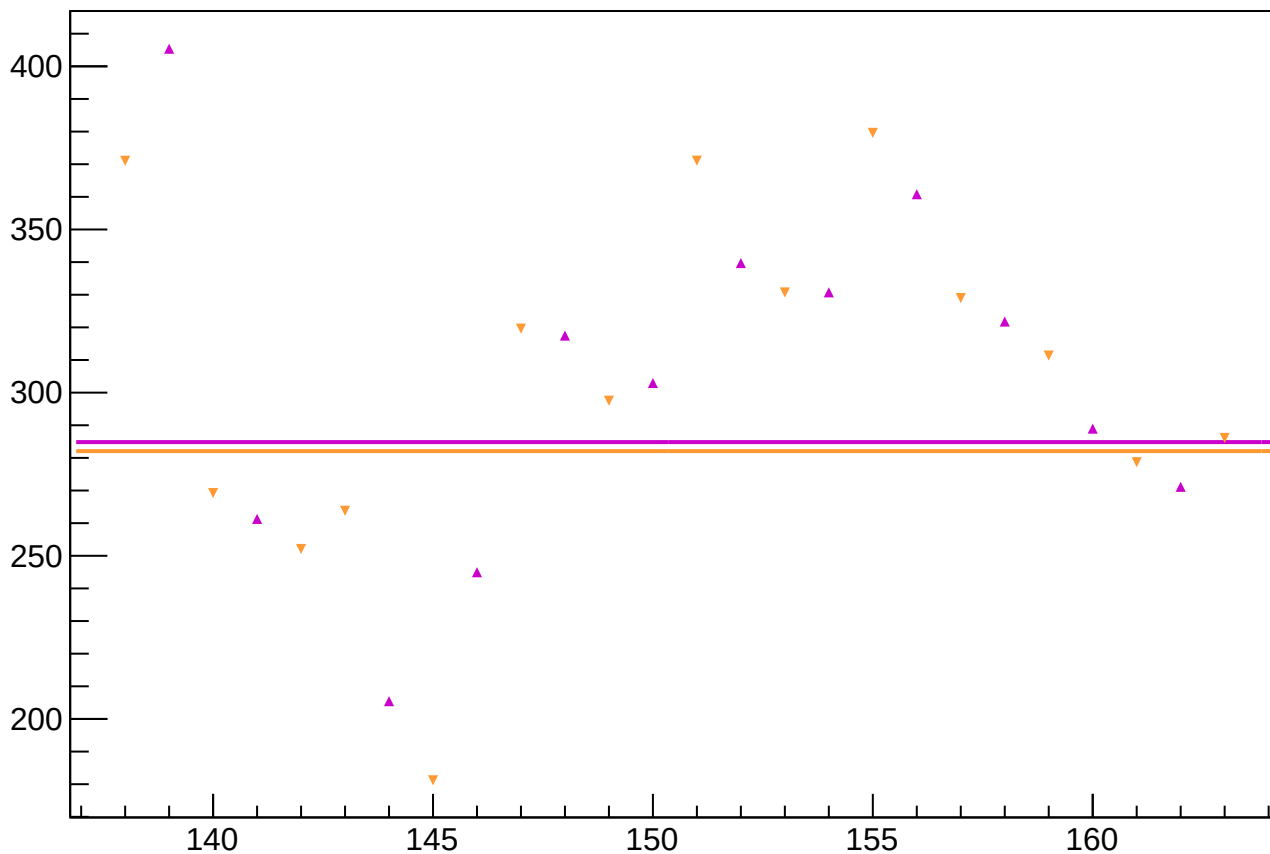
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.463 $\pm$ 92.589 χ^2 /NDF:9.0/11

Out: -458.678 $\pm$ 88.344 χ^2 /NDF:27.5/13

All: -219.857 $\pm$ 63.917 χ^2 /NDF: 51.8/25

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 282.083+/-0.062 χ^2/NDF : 881468.0/13

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

Left In: 284.843+/-0.065 χ^2/NDF : 640749.3/11

Left: 283.398+/-0.045 χ^2/NDF : 1523147.9/25

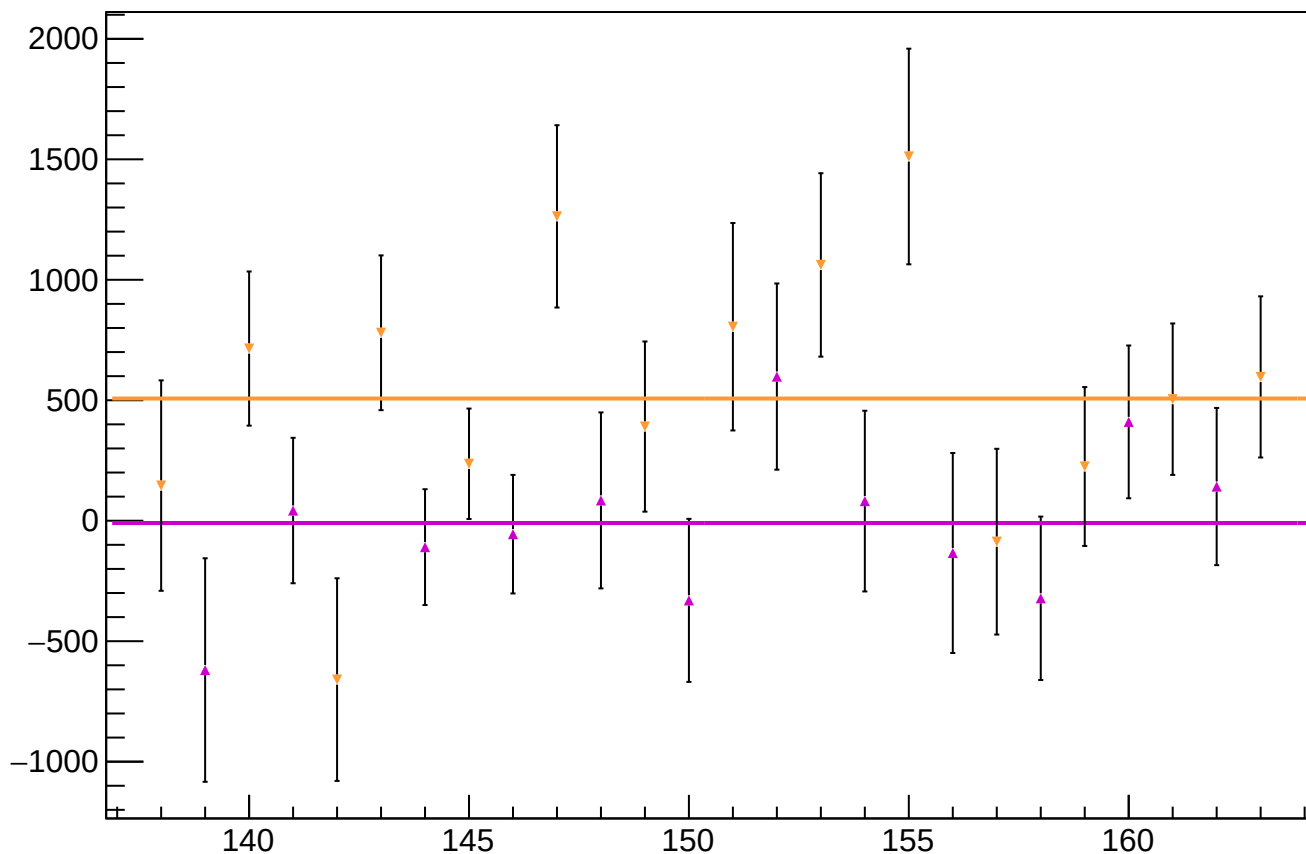
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 284.843+/-0.065 χ^2/NDF : 640749.3/11

Out: 282.083+/-0.062 χ^2/NDF : 881468.0/13

All: 283.398+/-0.045 χ^2/NDF : 1523147.9/25

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 507.223+/-92.564 χ^2/NDF :25.8/13

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

Left In: -9.388+/-93.933 χ^2/NDF :8.4/11

Left: 252.711+/-65.931 χ^2/NDF : 49.6/25

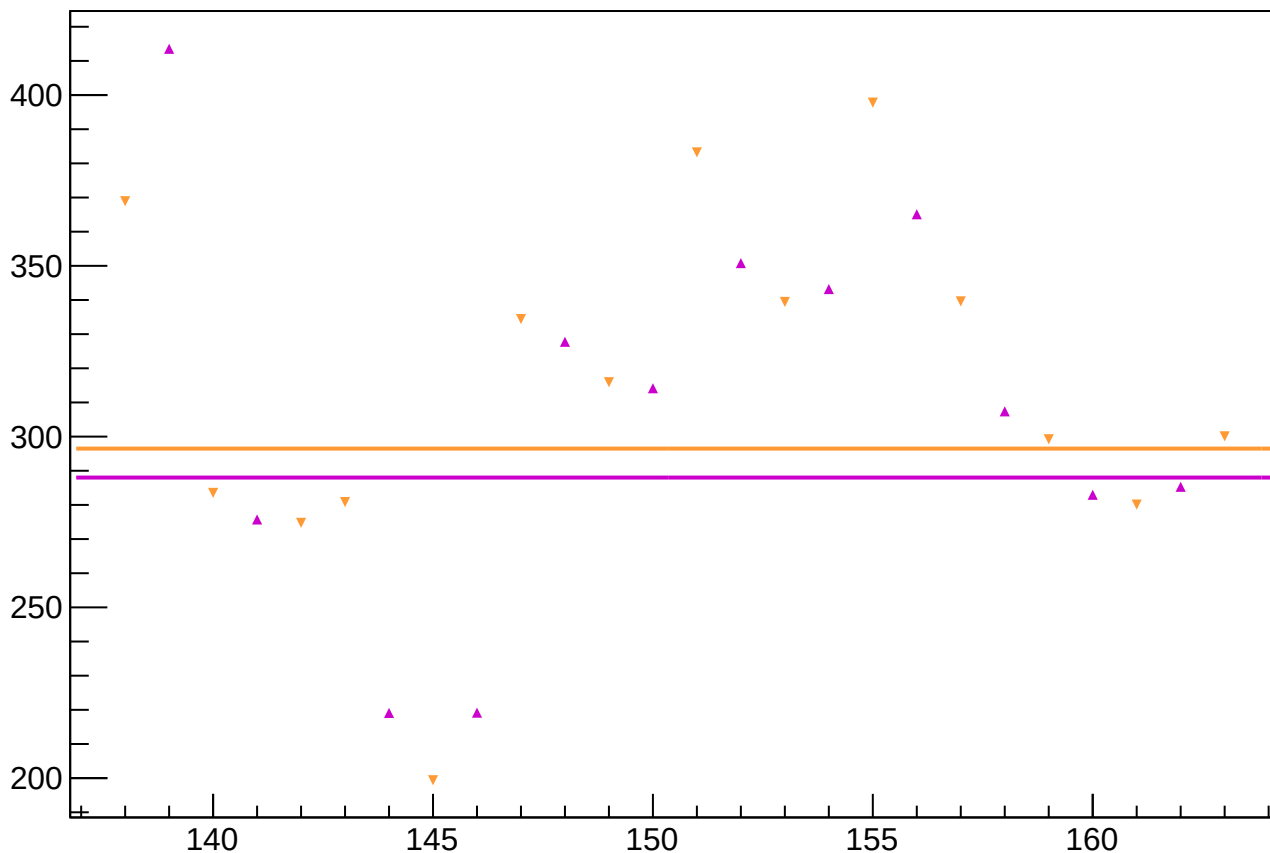
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.388+/-93.933 χ^2/NDF :8.4/11

Out: 507.223+/-92.564 χ^2/NDF :25.8/13

All: 252.711+/-65.931 χ^2/NDF : 49.6/25

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 296.492+/-0.065 χ^2/NDF : 693832.0/13

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

Left In: 288.010+/-0.066 χ^2/NDF : 678671.2/11

Left: 292.313+/-0.047 χ^2/NDF : 1380777.3/25

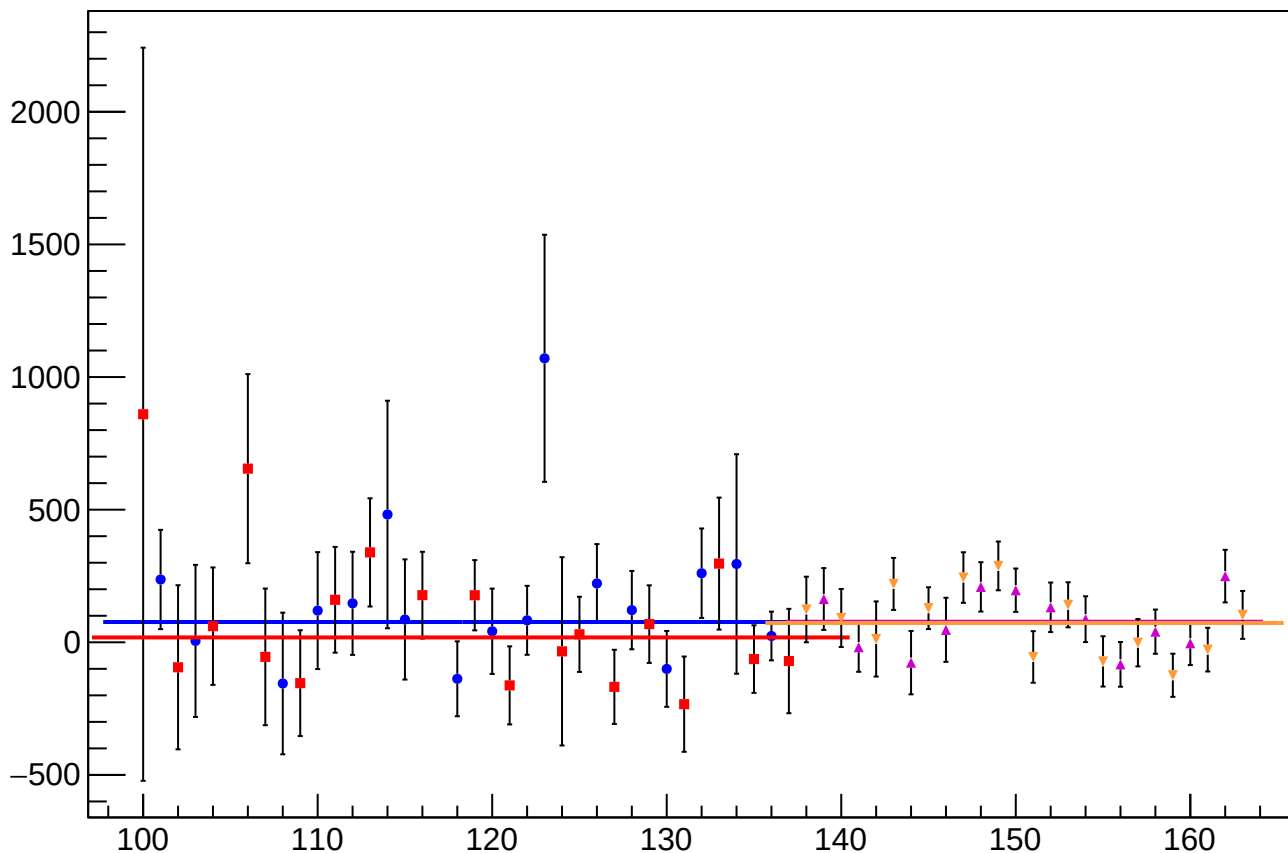
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.010+/-0.066 χ^2/NDF : 678671.2/11

Out: 296.492+/-0.065 χ^2/NDF : 693832.0/13

All: 292.313+/-0.047 χ^2/NDF : 1380777.3/25

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: 72.877 $\pm$ 25.040 χ^2 /NDF:24.7/13

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 77.621 $\pm$ 26.949 χ^2 /NDF:15.6/11

Left: 75.075 $\pm$ 18.344 χ^2 /NDF: 40.4/25

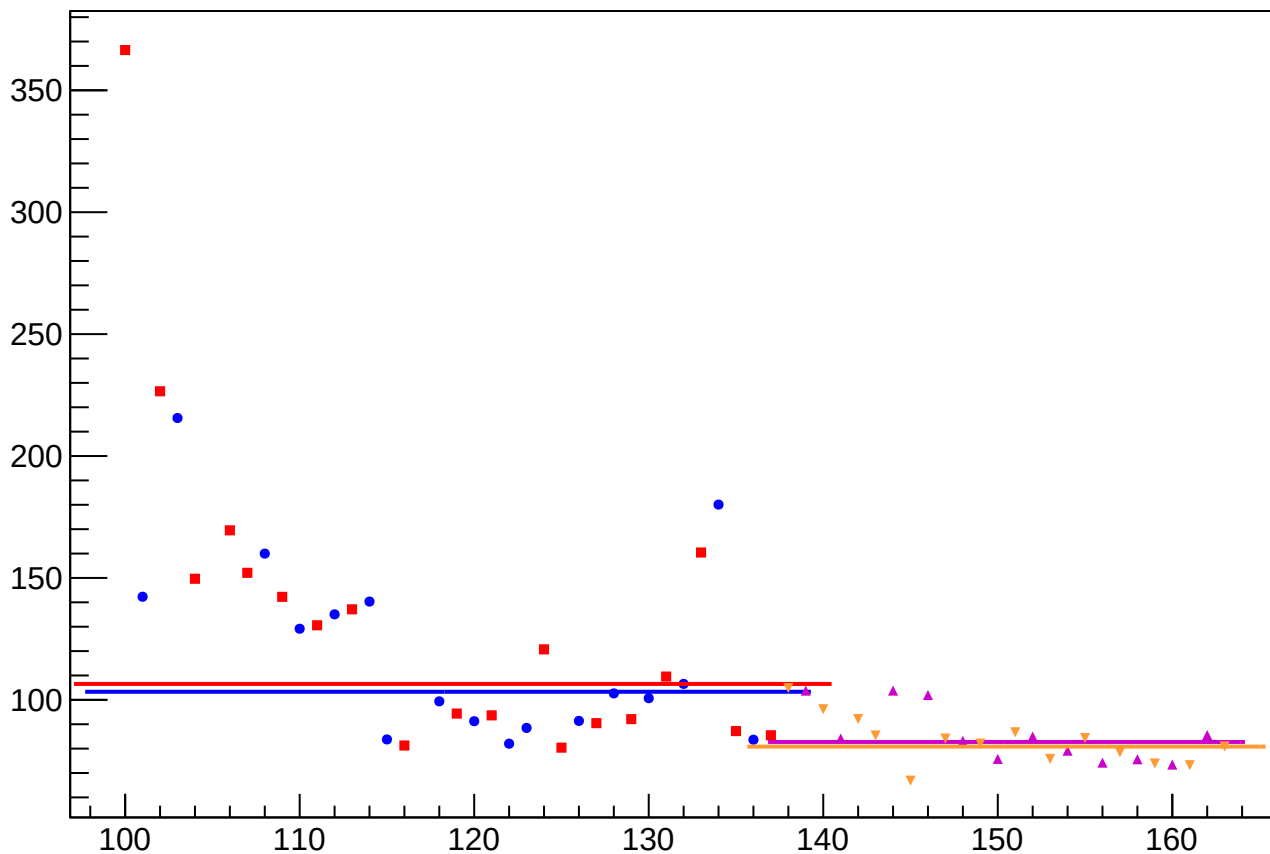
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 77.290 $\pm$ 22.611 χ^2 /NDF:29.5/28

Out: 58.727 $\pm$ 21.545 χ^2 /NDF:43.2/32

All: 67.561 $\pm$ 15.598 χ^2 /NDF: 73.0/61

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 80.821 $\pm$ 0.018 χ^2 /NDF: 247480.4/13

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 82.734 $\pm$ 0.019 χ^2 /NDF: 259614.7/11

Left: 81.707 $\pm$ 0.013 χ^2 /NDF: 512506.1/25

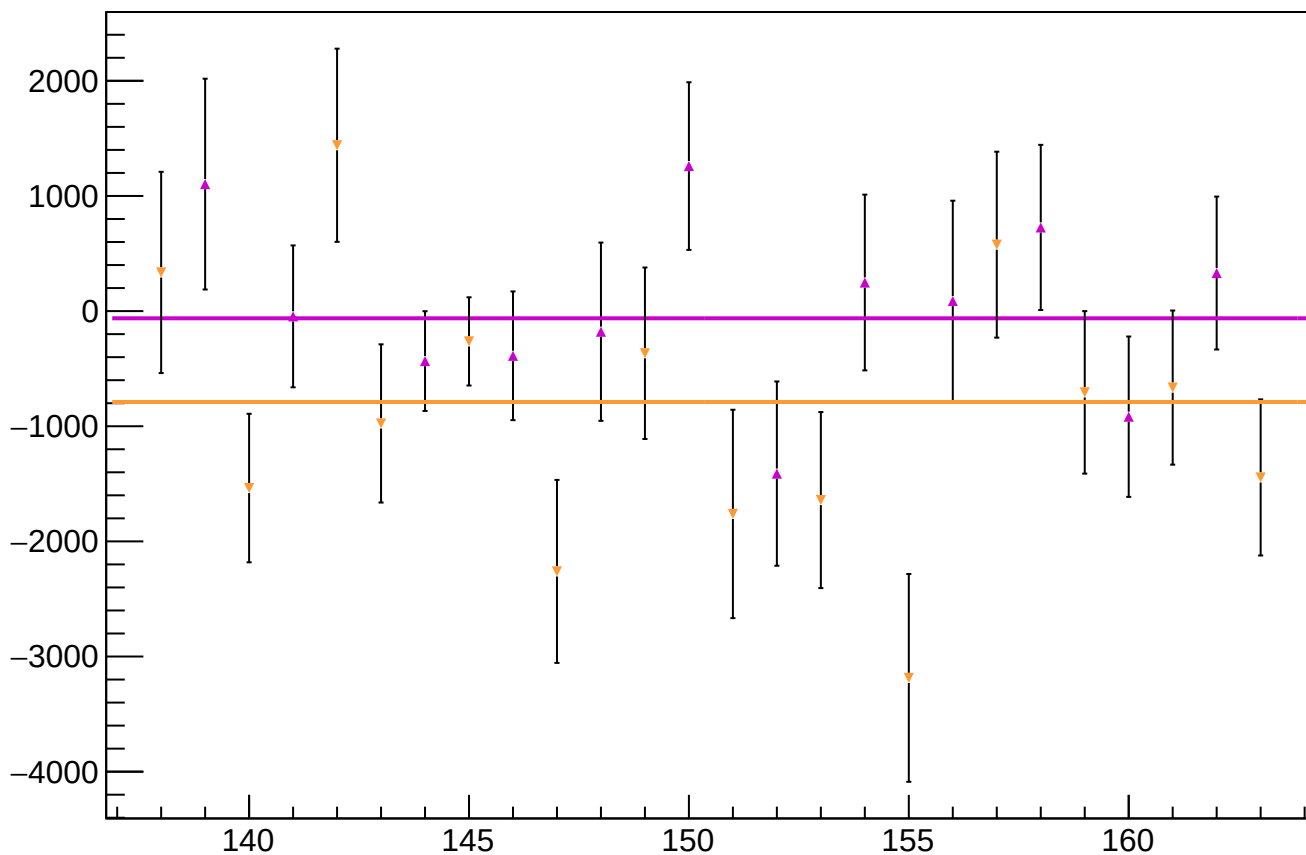
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 88.827 $\pm$ 0.016 χ^2 /NDF: 1442824.3/28

Out: 87.498 $\pm$ 0.015 χ^2 /NDF: 1866657.3/32

All: 88.131 $\pm$ 0.011 χ^2 /NDF: 3313105.3/61

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -789.444 ± 183.915 $\chi^2/\text{NDF}: 29.1/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -62.513 ± 193.224 $\chi^2/\text{NDF}: 12.1/11$

Left: -443.910 ± 133.217 $\chi^2/\text{NDF}: 48.6/25$

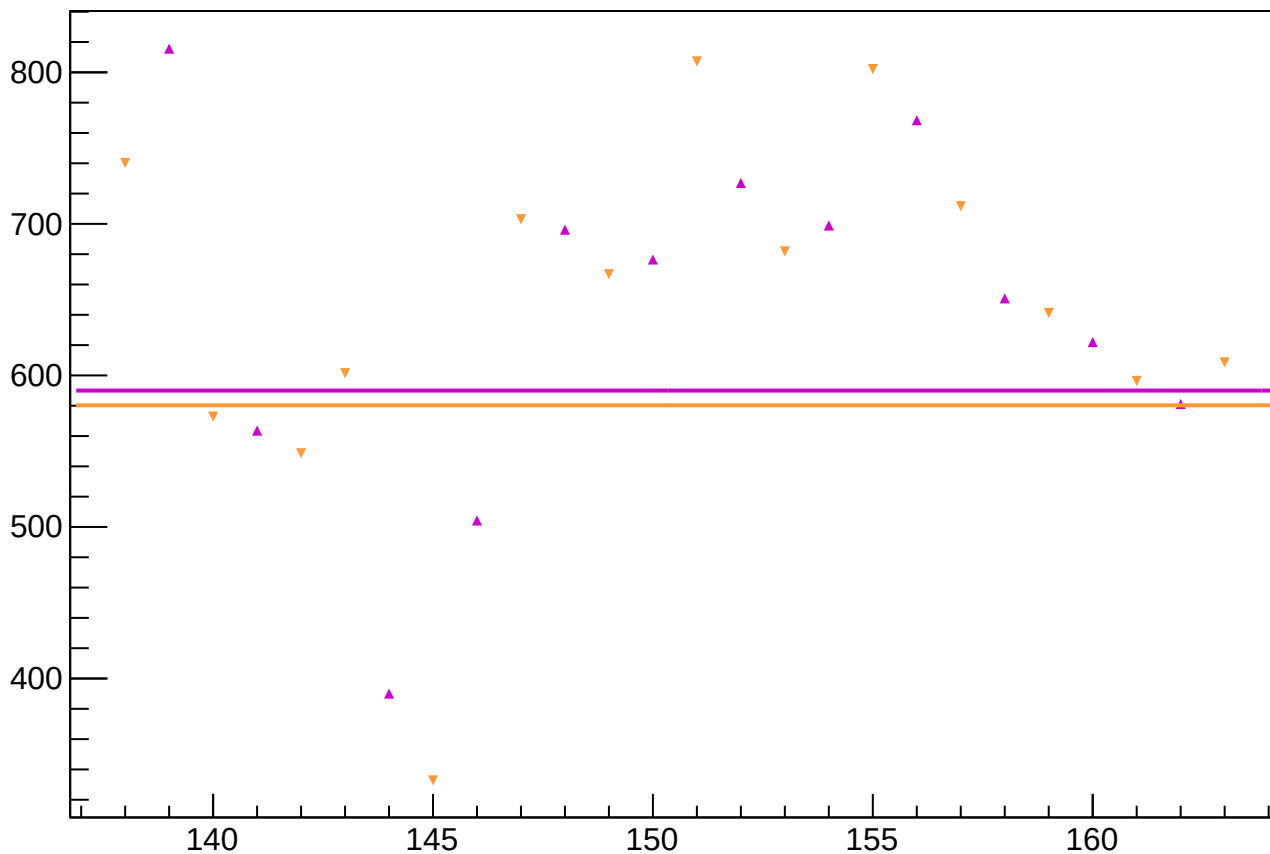
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -62.513 ± 193.224 $\chi^2/\text{NDF}: 12.1/11$

Out: -789.444 ± 183.915 $\chi^2/\text{NDF}: 29.1/13$

All: -443.910 ± 133.217 $\chi^2/\text{NDF}: 48.6/25$

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 580.285+/-0.130 χ^2/NDF :1335991.3/13

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

Left In: 590.010+/-0.137 χ^2/NDF :866427.7/11

Left: 584.908+/-0.094 χ^2/NDF : 2205077.4/25

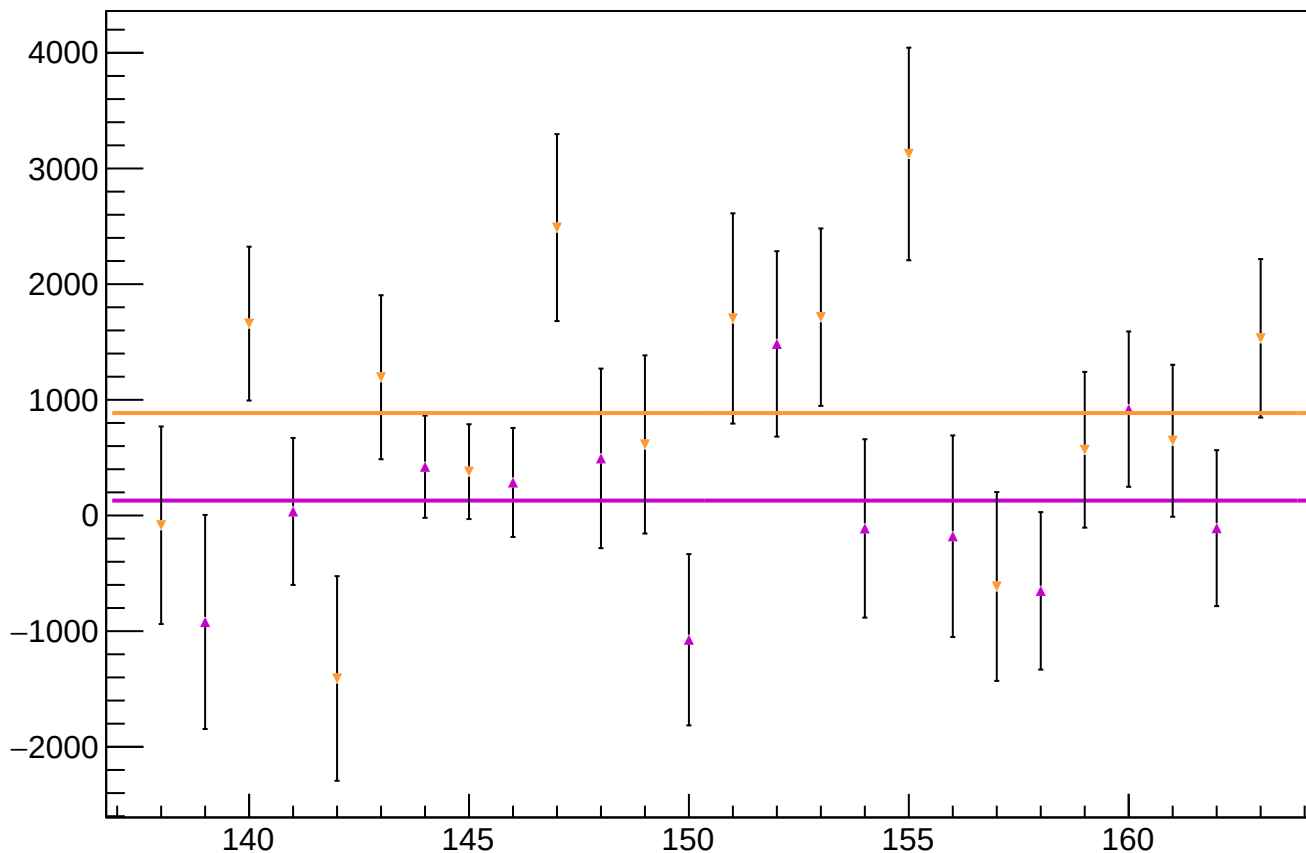
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 590.010+/-0.137 χ^2/NDF :866427.7/11

Out: 580.285+/-0.130 χ^2/NDF :1335991.3/13

All: 584.908+/-0.094 χ^2/NDF : 2205077.4/25

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 885.943 ± 187.941 $\chi^2/\text{NDF}: 27.7/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 128.873 ± 189.345 $\chi^2/\text{NDF}: 10.6/11$

Left: 510.226 ± 133.388 $\chi^2/\text{NDF}: 46.4/25$

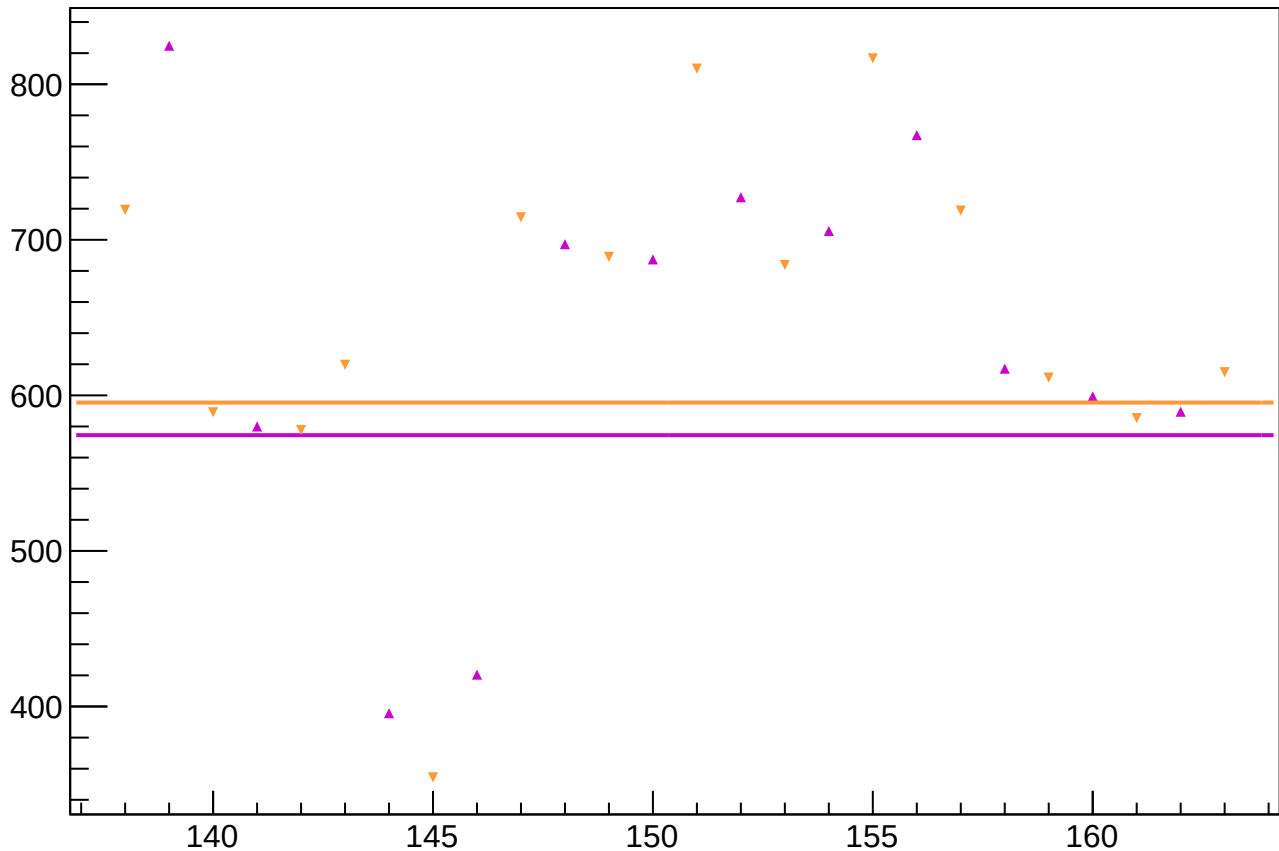
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 128.873 ± 189.345 $\chi^2/\text{NDF}: 10.6/11$

Out: 885.943 ± 187.941 $\chi^2/\text{NDF}: 27.7/13$

All: 510.226 ± 133.388 $\chi^2/\text{NDF}: 46.4/25$

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 595.370+/-0.133 χ^2/NDF :1112087.4/13

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

Left In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Left: 584.975+/-0.094 χ^2/NDF : 2149178.6/25

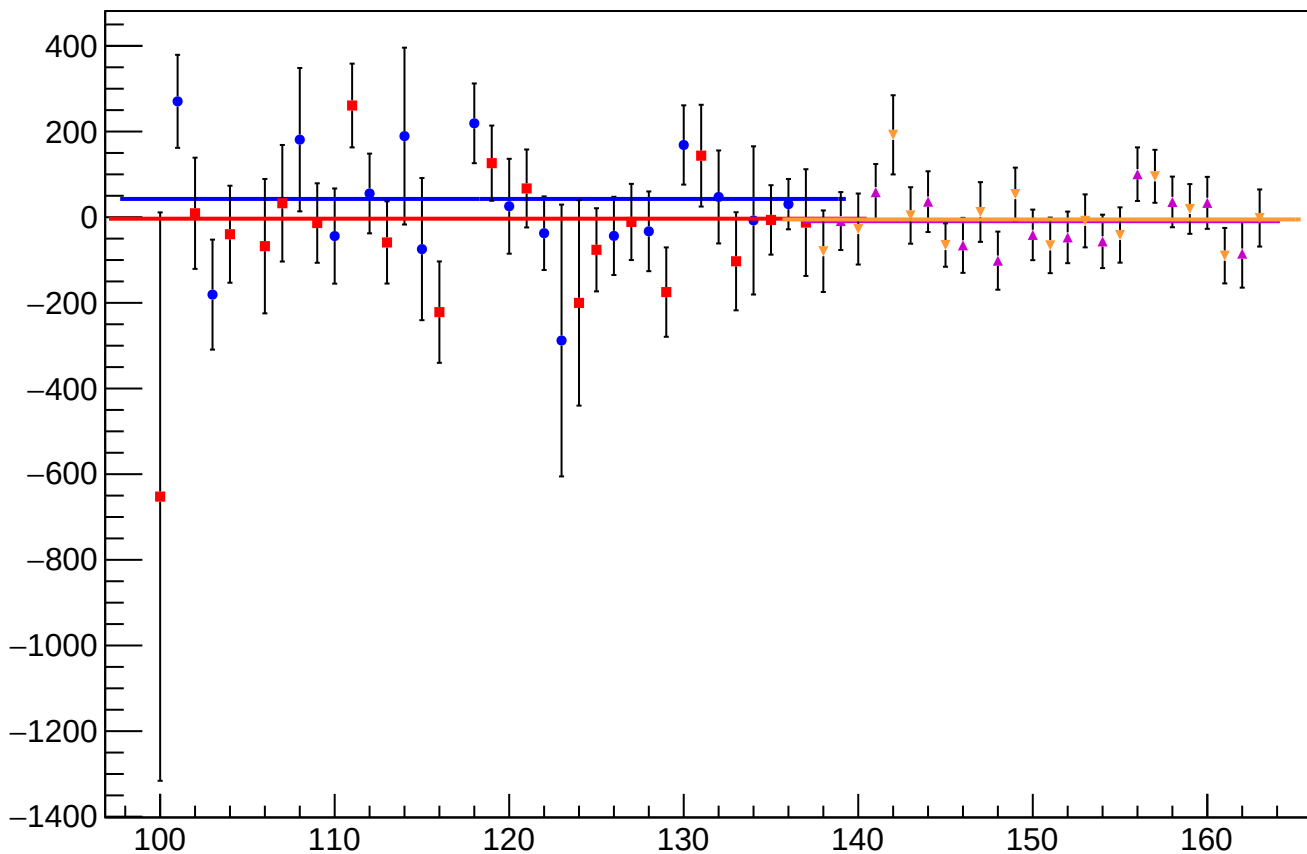
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 574.423+/-0.134 χ^2/NDF :1024761.7/11

Out: 595.370+/-0.133 χ^2/NDF :1112087.4/13

All: 584.975+/-0.094 χ^2/NDF : 2149178.6/25

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -5.275 $\pm$ 17.622 χ^2 /NDF:13.4/13

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -9.341 $\pm$ 18.568 χ^2 /NDF:10.4/11

Left: -7.202 $\pm$ 12.782 χ^2 /NDF: 23.8/25

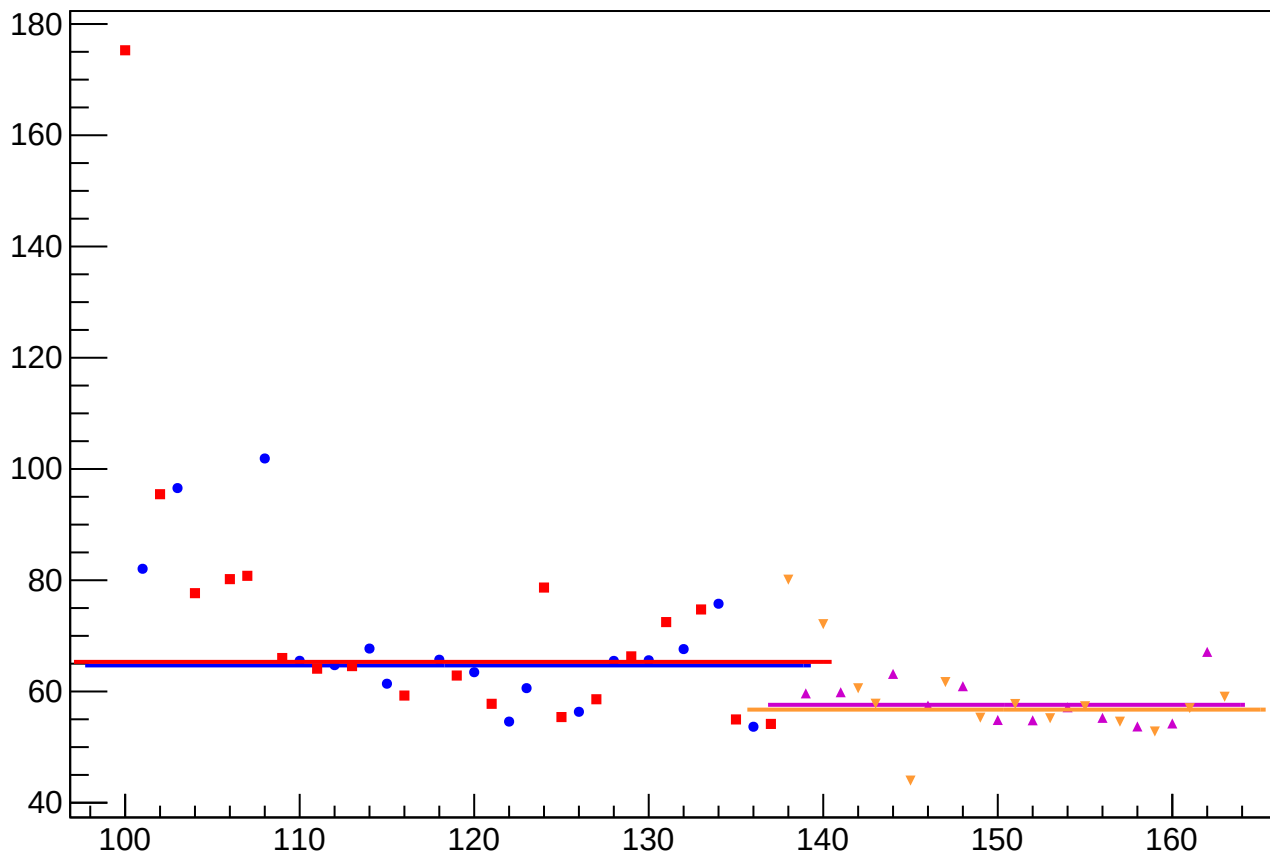
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 8.689 $\pm$ 15.008 χ^2 /NDF:32.0/28

Out: -4.689 $\pm$ 14.417 χ^2 /NDF:34.7/32

All: 1.731 $\pm$ 10.397 χ^2 /NDF: 67.1/61

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: 56.741 $\pm$ 0.012 χ^2 /NDF:346932.1/13

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.604 $\pm$ 0.013 χ^2 /NDF:76276.5/11

Left: 57.150 $\pm$ 0.009 χ^2 /NDF: 425481.1/25

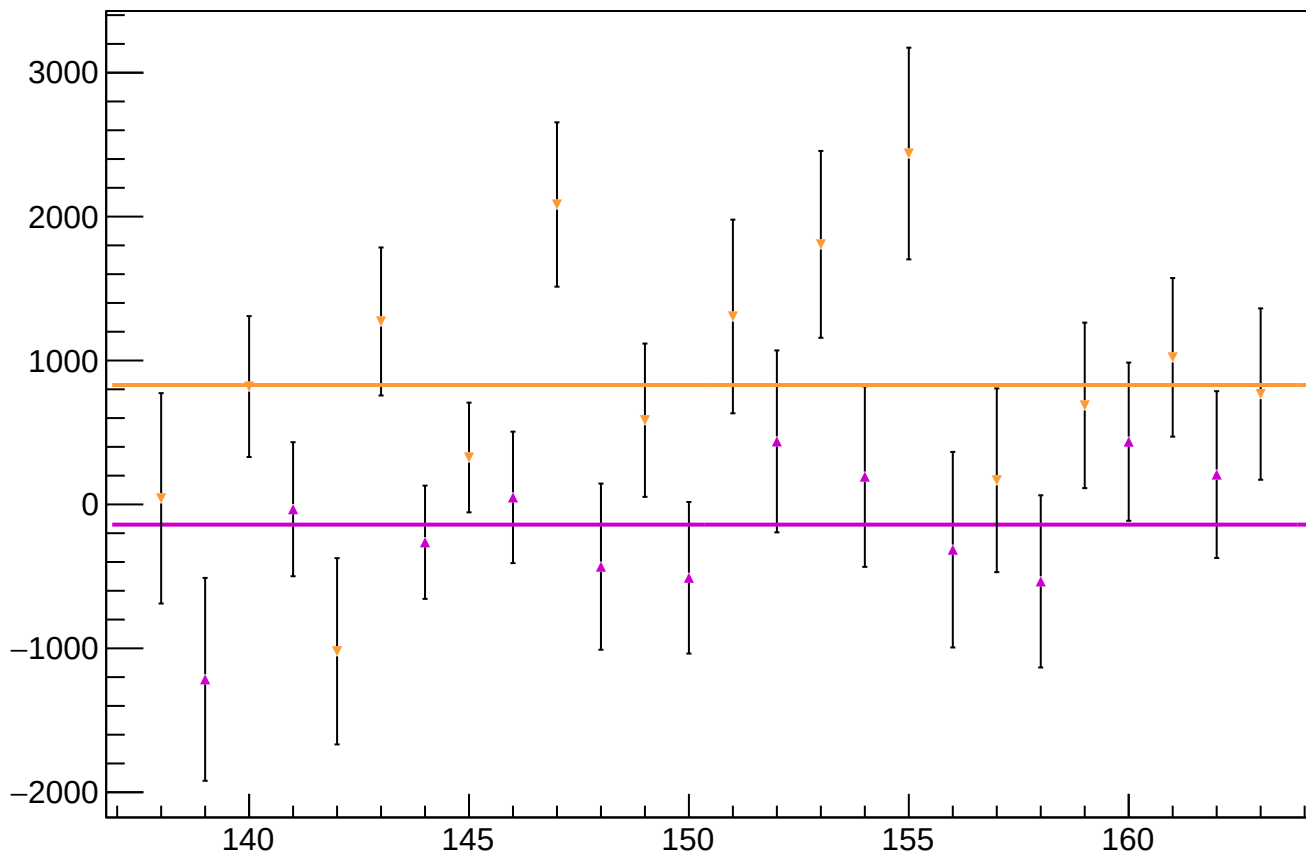
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.059 $\pm$ 0.011 χ^2 /NDF:577342.7/28

Out: 59.579 $\pm$ 0.010 χ^2 /NDF:863426.9/32

All: 59.810 $\pm$ 0.007 χ^2 /NDF: 1441833.4/61

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: 829.743+/-151.244 χ^2/NDF :25.7/13

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

Left In: -140.378+/-156.610 χ^2/NDF :6.5/11

Left: 361.586+/-108.793 χ^2/NDF : 52.0/25

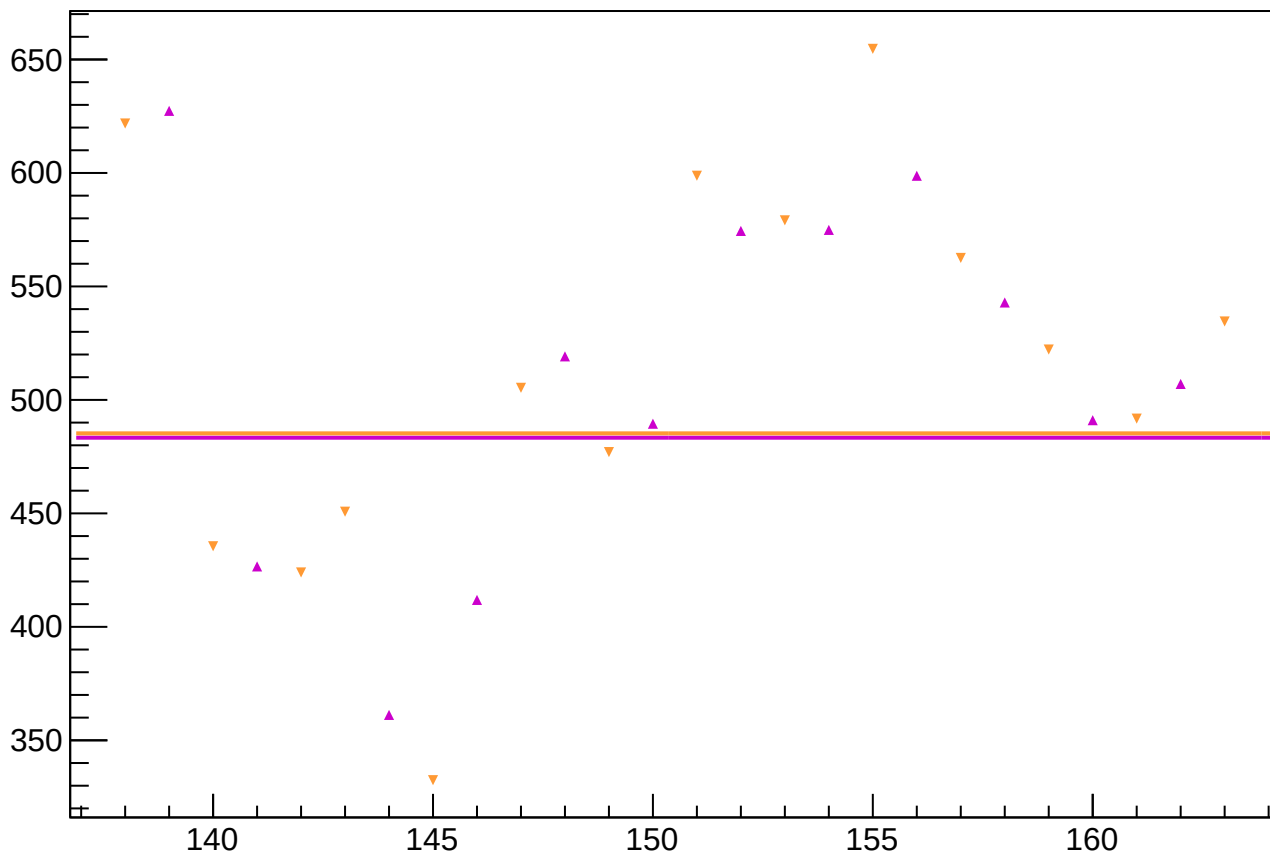
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -140.378+/-156.610 χ^2/NDF :6.5/11

Out: 829.743+/-151.244 χ^2/NDF :25.7/13

All: 361.586+/-108.793 χ^2/NDF : 52.0/25

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: 485.265+/-0.107 χ^2/NDF : 698409.8/13

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

Left In: 483.348+/-0.111 χ^2/NDF : 528272.1/11

Left: 484.340+/-0.077 χ^2/NDF : 1226836.9/25

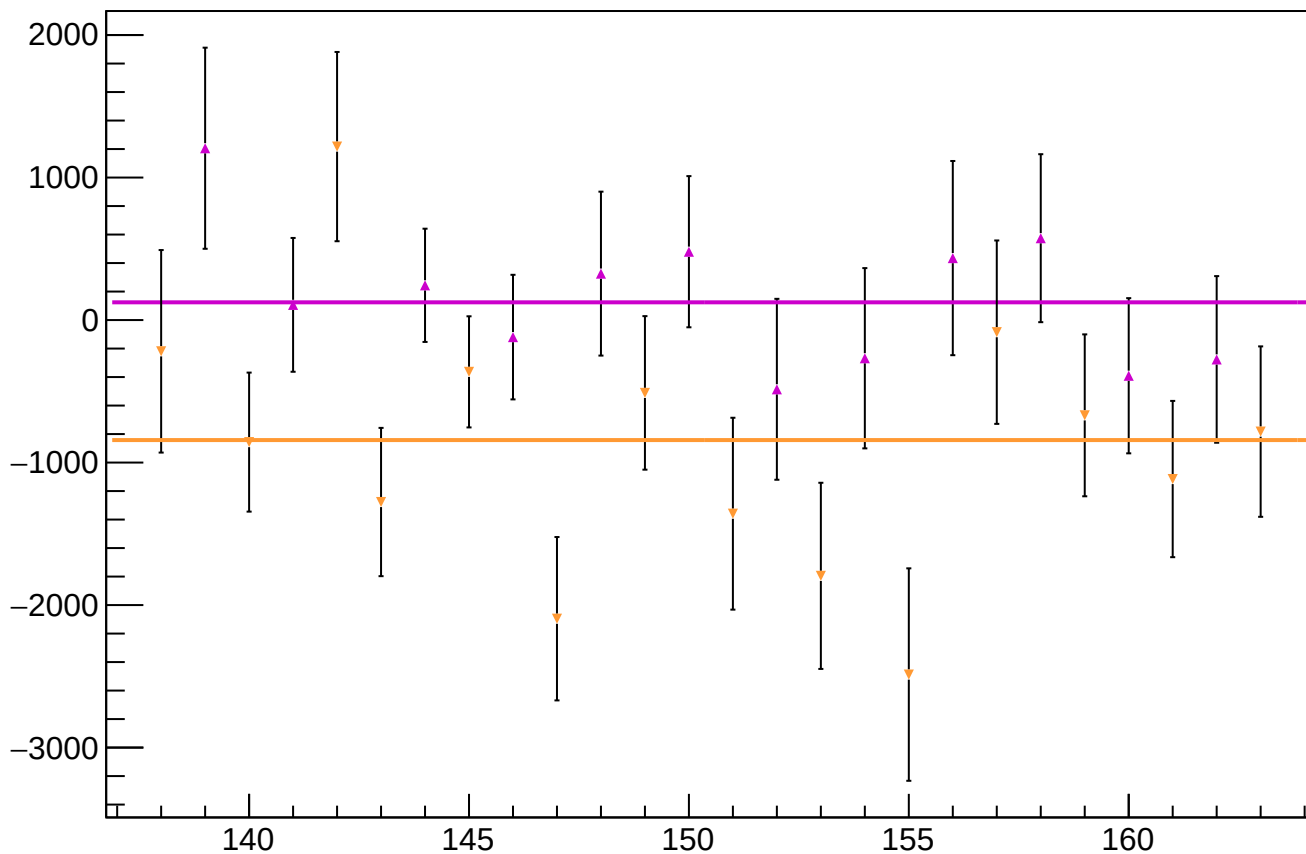
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 483.348+/-0.111 χ^2/NDF : 528272.1/11

Out: 485.265+/-0.107 χ^2/NDF : 698409.8/13

All: 484.340+/-0.077 χ^2/NDF : 1226836.9/25

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -842.180+/-152.147 χ^2/NDF :27.1/13

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

Left In: 124.423+/-156.167 χ^2/NDF :6.8/11

Left: -371.480+/-108.977 χ^2/NDF : 53.5/25

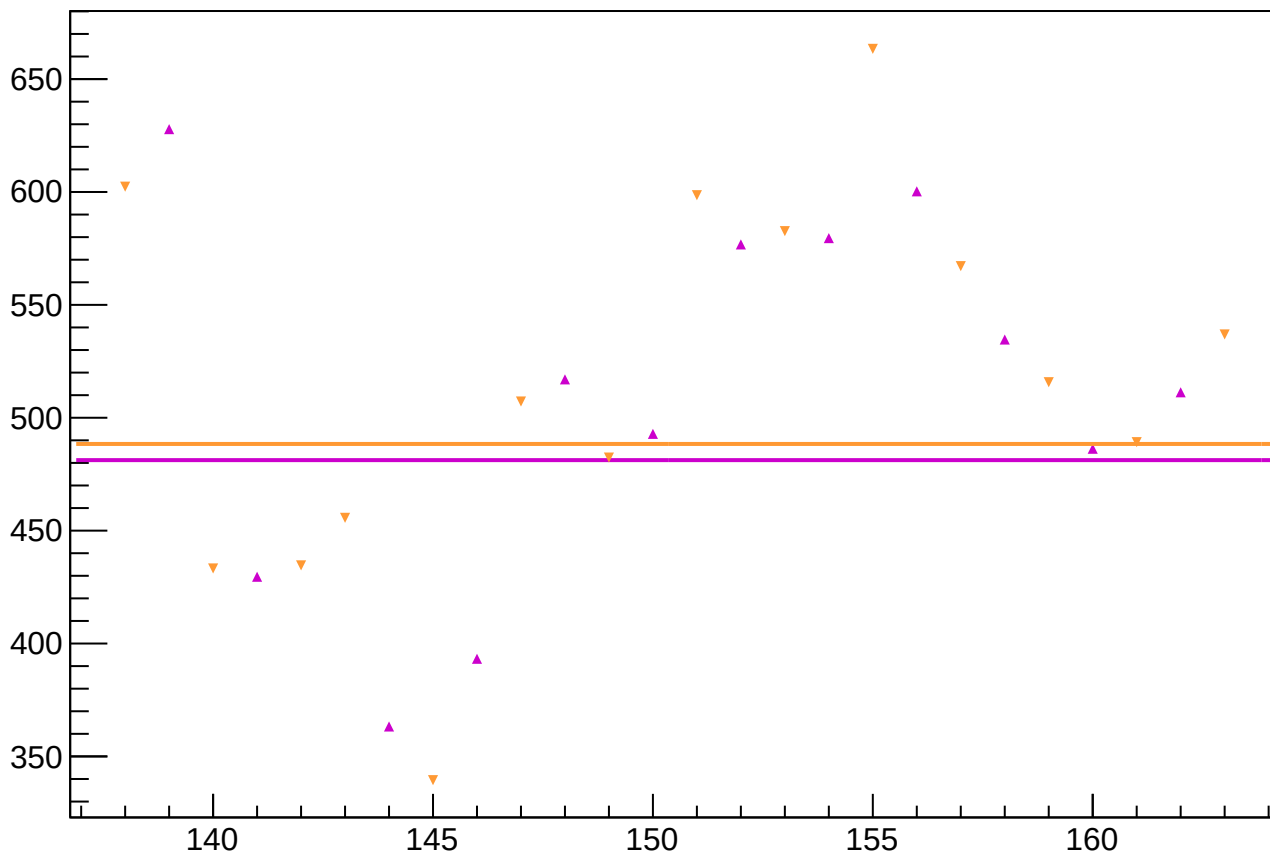
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 124.423+/-156.167 χ^2/NDF :6.8/11

Out: -842.180+/-152.147 χ^2/NDF :27.1/13

All: -371.480+/-108.977 χ^2/NDF : 53.5/25

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 488.396+/-0.108 χ^2/NDF :645378.1/13

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

Left In: 481.233+/-0.110 χ^2/NDF :553194.7/11

Left: 484.908+/-0.077 χ^2/NDF : 1200731.8/25

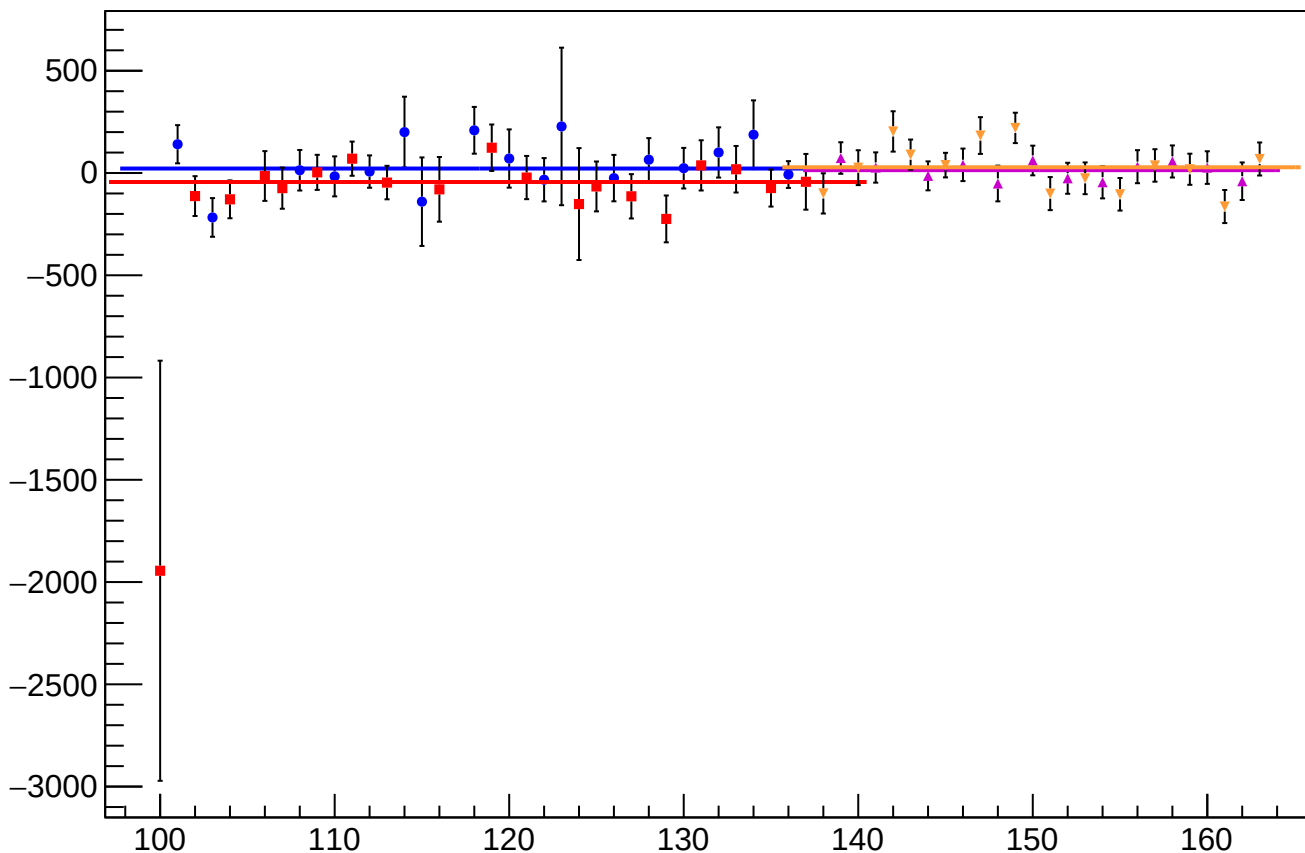
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.233+/-0.110 χ^2/NDF :553194.7/11

Out: 488.396+/-0.108 χ^2/NDF :645378.1/13

All: 484.908+/-0.077 χ^2/NDF : 1200731.8/25

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: 28.109 ± 21.206 $\chi^2/\text{NDF}: 26.9/13$

Right Out: -43.953 ± 25.108 $\chi^2/\text{NDF}: 13.3/18$

Left In: 14.042 ± 22.614 $\chi^2/\text{NDF}: 3.4/11$

Left: 21.527 ± 15.469 $\chi^2/\text{NDF}: 30.6/25$

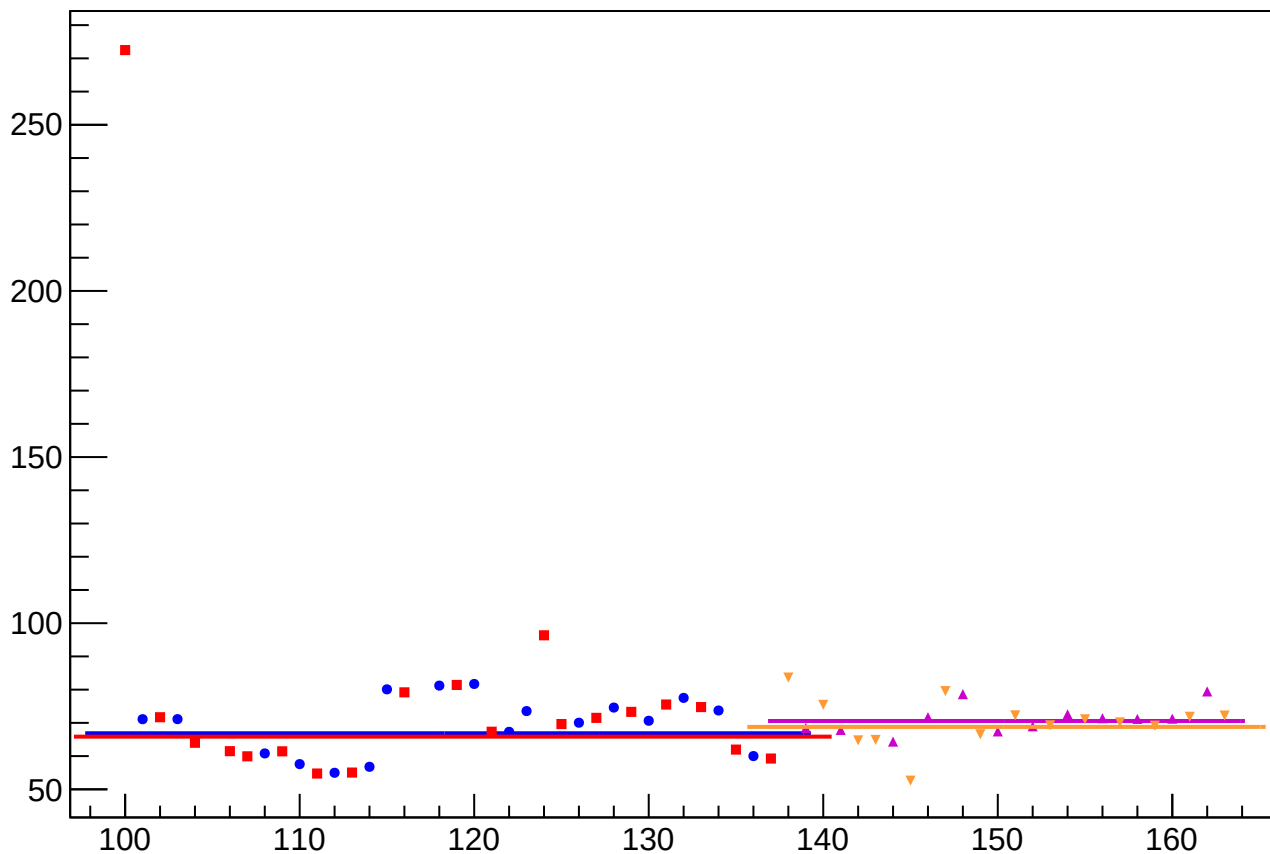
Right: -12.241 ± 18.080 $\chi^2/\text{NDF}: 31.7/35$

In: 17.422 ± 17.078 $\chi^2/\text{NDF}: 18.5/28$

Out: -1.893 ± 16.201 $\chi^2/\text{NDF}: 45.0/32$

All: 7.255 ± 11.754 $\chi^2/\text{NDF}: 64.3/61$

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: 68.787 $\pm$ 0.015 χ^2/NDF :254789.9/13

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 70.570 $\pm$ 0.016 χ^2/NDF :62097.9/11

Left: 69.621 $\pm$ 0.011 χ^2/NDF : 323503.4/25

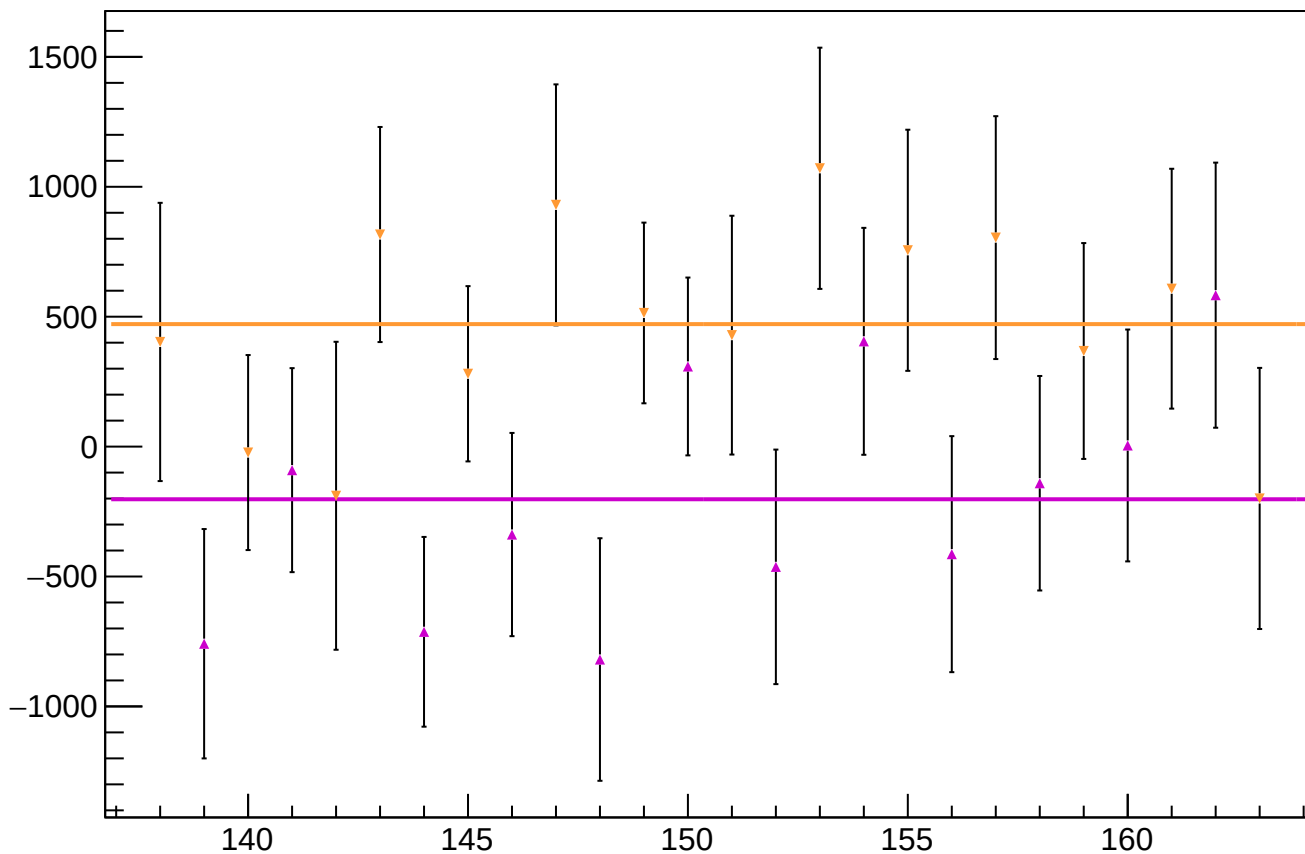
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 68.981 $\pm$ 0.012 χ^2/NDF :287593.4/28

Out: 67.566 $\pm$ 0.011 χ^2/NDF :570593.0/32

All: 68.236 $\pm$ 0.008 χ^2/NDF : 865415.3/61

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 471.453+/-116.230 χ^2/NDF : 9.5/13

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

Left In: -202.676+/-120.811 χ^2/NDF : 12.8/11

Left: 147.414+/-83.760 χ^2/NDF : 38.5/25

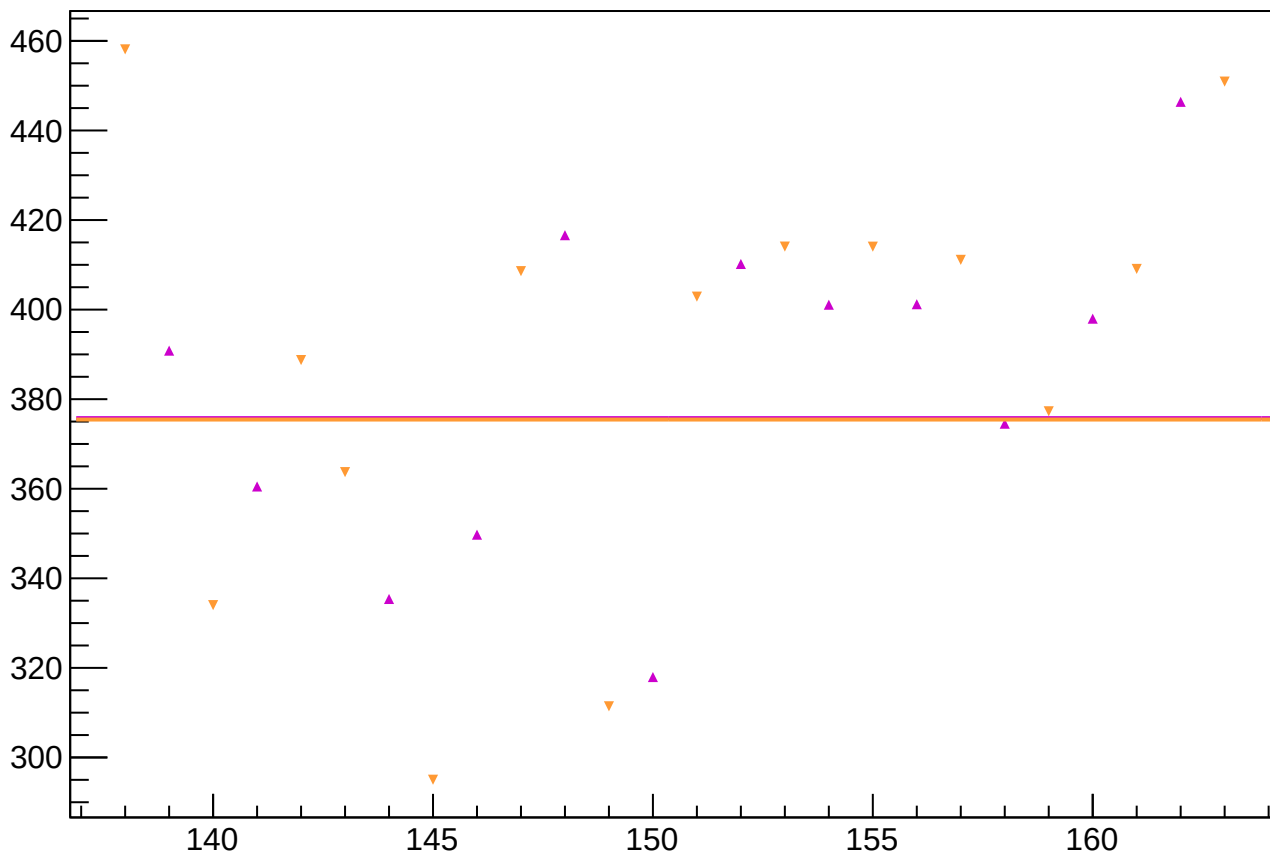
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.676+/-120.811 χ^2/NDF : 12.8/11

Out: 471.453+/-116.230 χ^2/NDF : 9.5/13

All: 147.414+/-83.760 χ^2/NDF : 38.5/25

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: 375.453+/-0.082 χ^2/NDF :368596.1/13

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

Left In: 375.770+/-0.085 χ^2/NDF :178995.7/11

Left: 375.605+/-0.059 χ^2/NDF : 547598.9/25

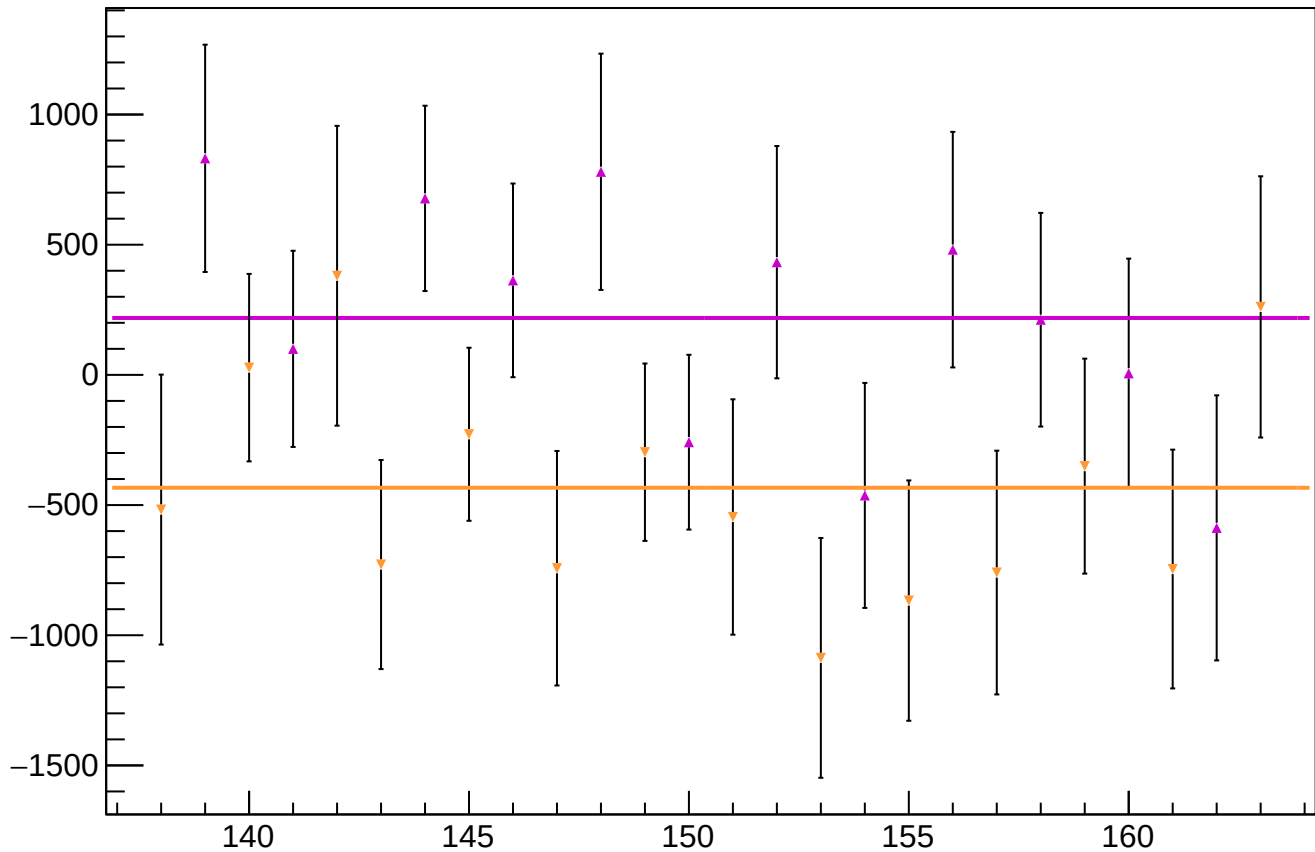
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 375.770+/-0.085 χ^2/NDF :178995.7/11

Out: 375.453+/-0.082 χ^2/NDF :368596.1/13

All: 375.605+/-0.059 χ^2/NDF : 547598.9/25

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -433.526+/-114.172 χ^2/NDF :11.1/13

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

Left In: 218.686+/-118.376 χ^2/NDF :13.2/11

Left: -119.205+/-82.178 χ^2/NDF : 40.0/25

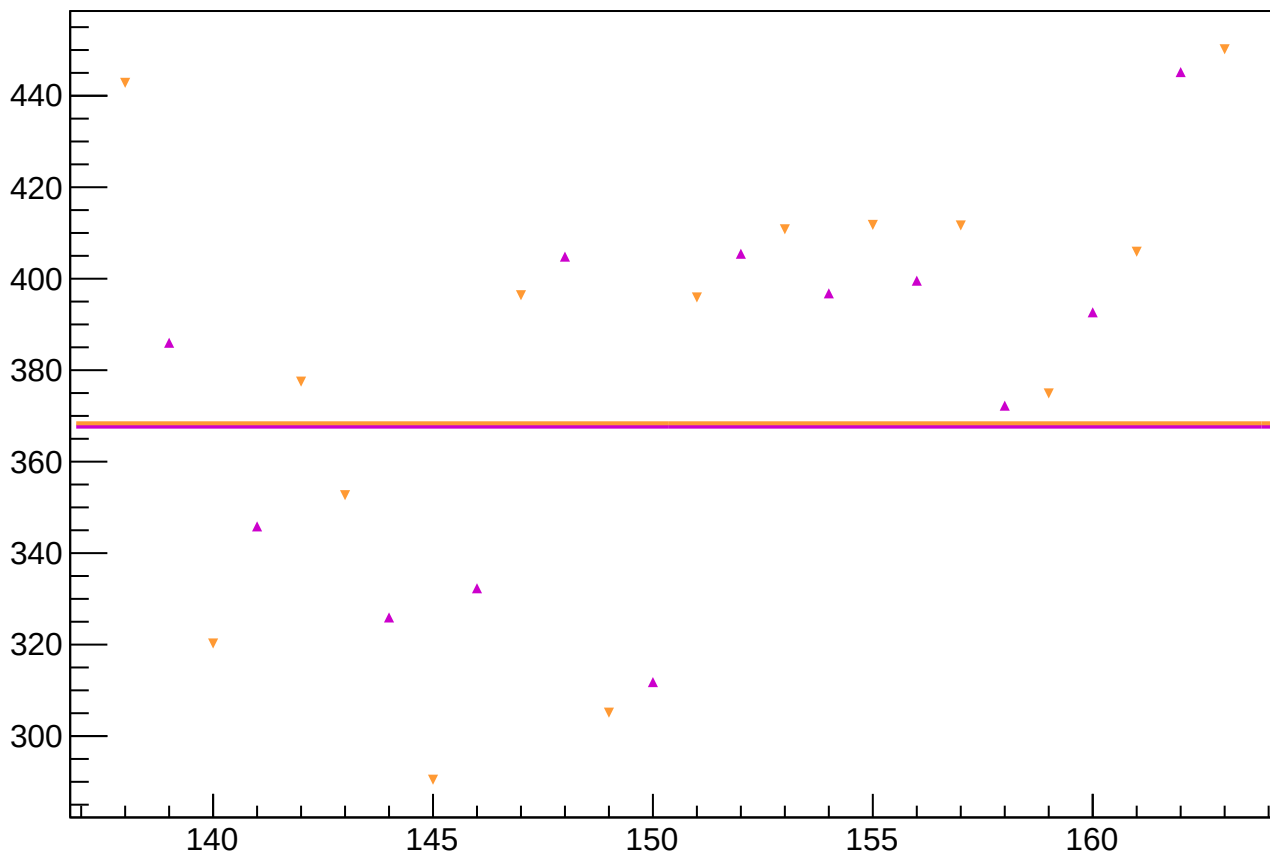
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 218.686+/-118.376 χ^2/NDF :13.2/11

Out: -433.526+/-114.172 χ^2/NDF :11.1/13

All: -119.205+/-82.178 χ^2/NDF : 40.0/25

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 368.387+/-0.081 χ^2/NDF :393353.9/13

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

Left In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Left: 368.035+/-0.058 χ^2/NDF : 604437.0/25

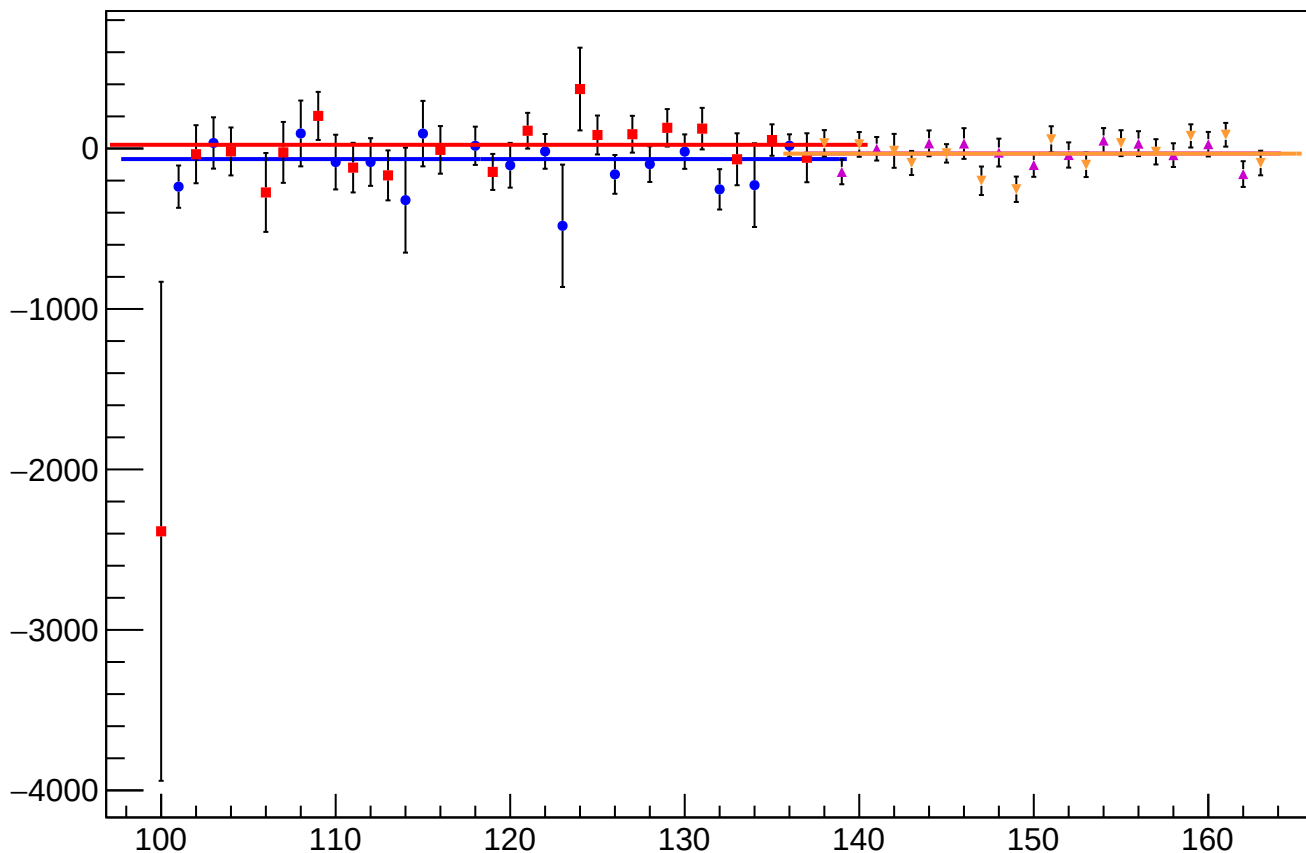
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.656+/-0.084 χ^2/NDF :211043.5/11

Out: 368.387+/-0.081 χ^2/NDF :393353.9/13

All: 368.035+/-0.058 χ^2/NDF : 604437.0/25

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: -32.021 ± 20.608 χ^2/NDF : 21.5/13

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -30.940 ± 22.718 χ^2/NDF : 9.2/11

Left: -31.533 ± 15.264 χ^2/NDF : 30.7/25

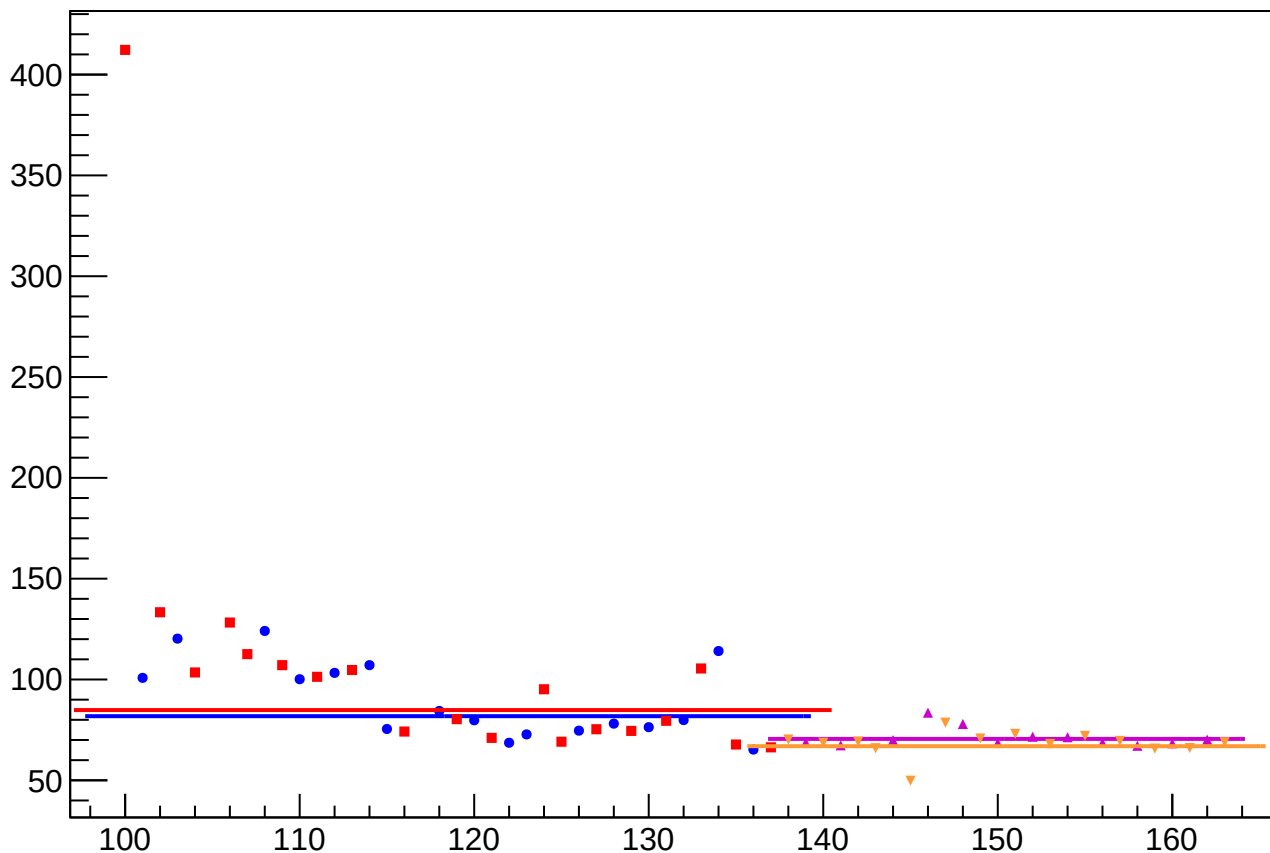
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -42.541 ± 18.580 χ^2/NDF : 20.8/28

Out: -16.463 ± 17.447 χ^2/NDF : 38.8/32

All: -28.682 ± 12.719 χ^2/NDF : 60.7/61

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 66.917 $\pm$ 0.015 χ^2 /NDF: 246516.4/13

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 70.529 $\pm$ 0.016 χ^2 /NDF: 65865.2/11

Left: 68.548 $\pm$ 0.011 χ^2 /NDF: 340117.5/25

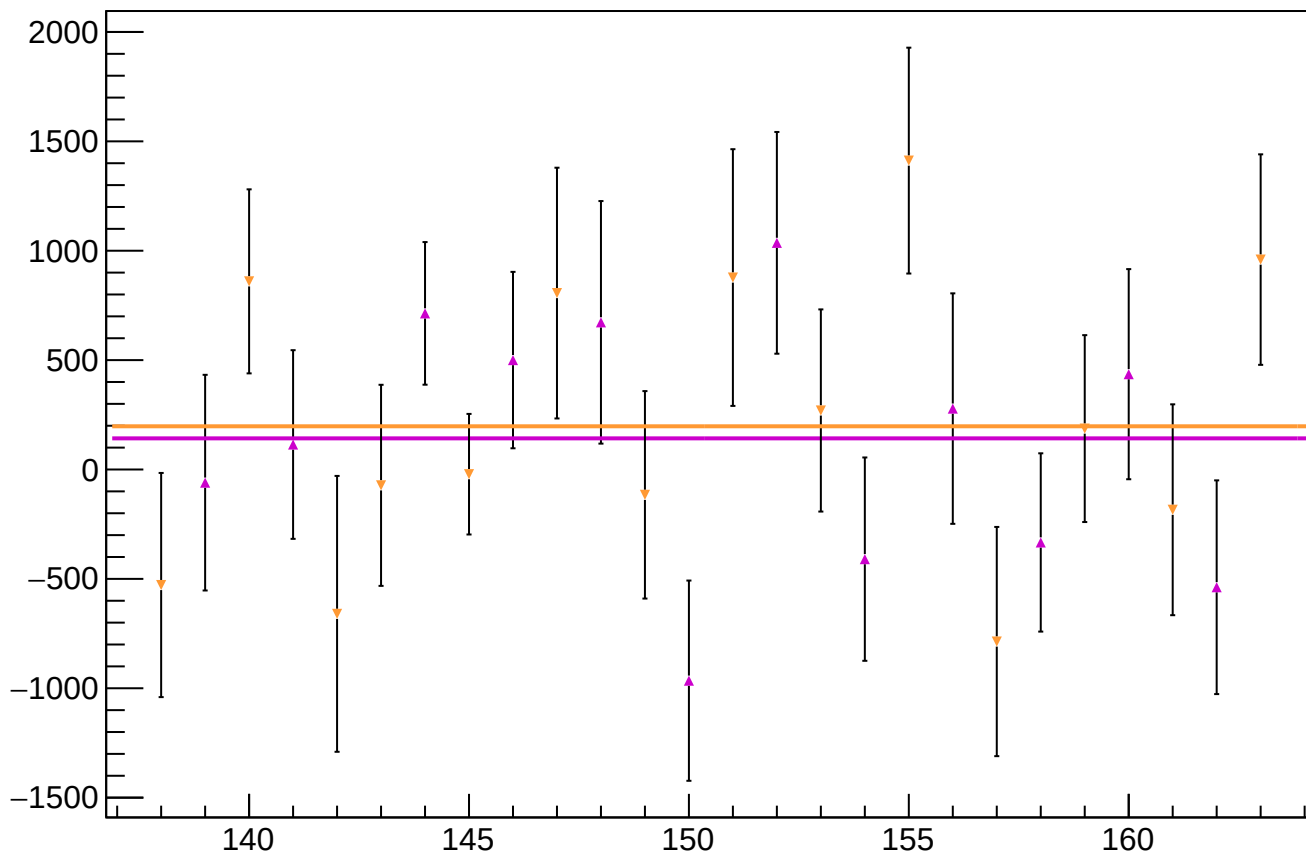
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 74.264 $\pm$ 0.013 χ^2 /NDF: 736307.7/28

Out: 71.993 $\pm$ 0.012 χ^2 /NDF: 1379478.6/32

All: 73.057 $\pm$ 0.009 χ^2 /NDF: 2131669.9/61

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 197.487+/-122.664 χ^2/NDF :22.4/13

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

Left In: 142.294+/-129.359 χ^2/NDF :19.1/11

Left: 171.356+/-89.009 χ^2/NDF : 41.6/25

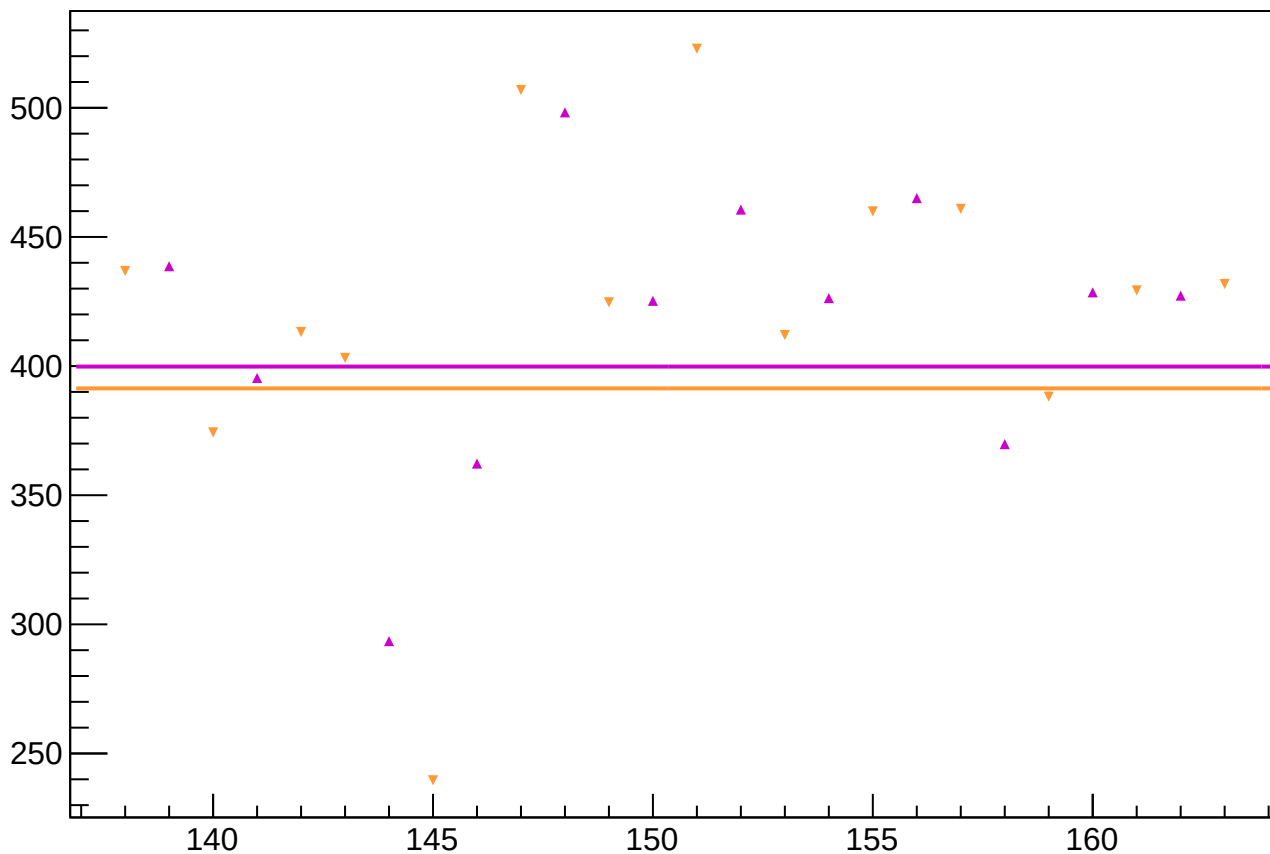
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.294+/-129.359 χ^2/NDF :19.1/11

Out: 197.487+/-122.664 χ^2/NDF :22.4/13

All: 171.356+/-89.009 χ^2/NDF : 41.6/25

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: 391.361+/-0.087 χ^2/NDF :921923.0/13

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

Left In: 399.811+/-0.091 χ^2/NDF :402260.6/11

Left: 395.362+/-0.063 χ^2/NDF : 1328677.7/25

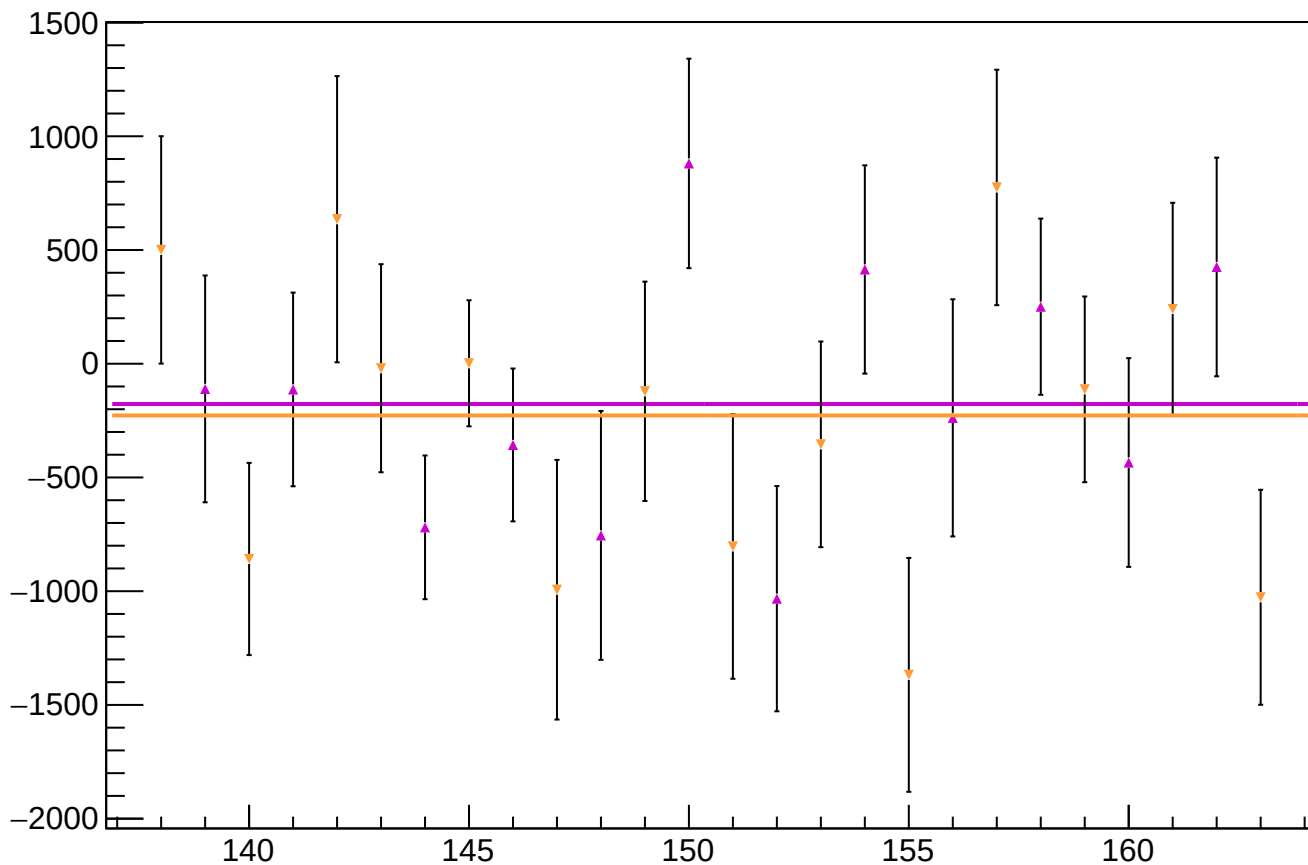
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 399.811+/-0.091 χ^2/NDF :402260.6/11

Out: 391.361+/-0.087 χ^2/NDF :921923.0/13

All: 395.362+/-0.063 χ^2/NDF : 1328677.7/25

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -227.381+/-121.505 χ^2/NDF :22.6/13

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

Left In: -177.123+/-124.275 χ^2/NDF :17.4/11

Left: -202.819+/-86.880 χ^2/NDF : 40.2/25

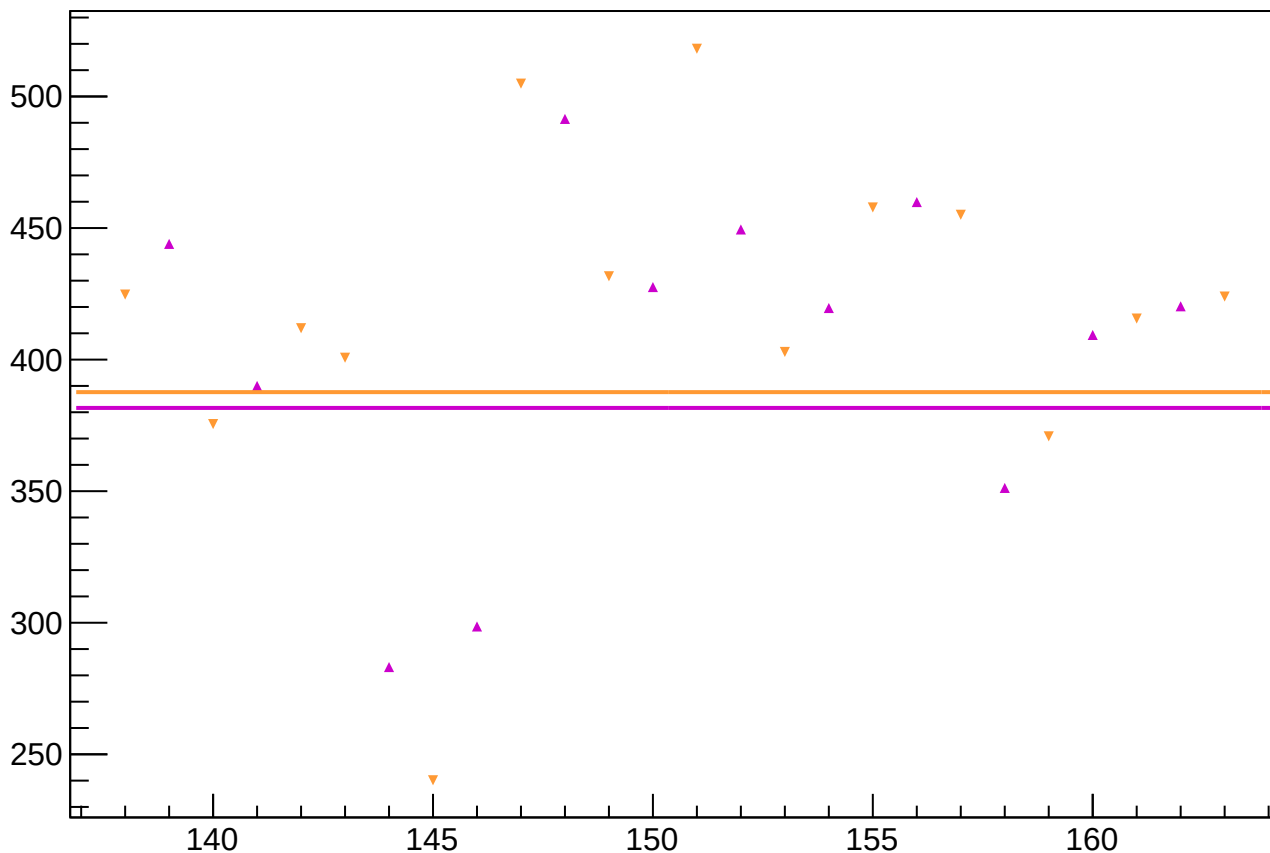
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -177.123+/-124.275 χ^2/NDF :17.4/11

Out: -227.381+/-121.505 χ^2/NDF :22.6/13

All: -202.819+/-86.880 χ^2/NDF : 40.2/25

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 387.643+/-0.086 χ^2/NDF : 881496.9/13

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

Left In: 381.641+/-0.088 χ^2/NDF : 577974.8/11

Left: 384.709+/-0.061 χ^2/NDF : 1461856.5/25

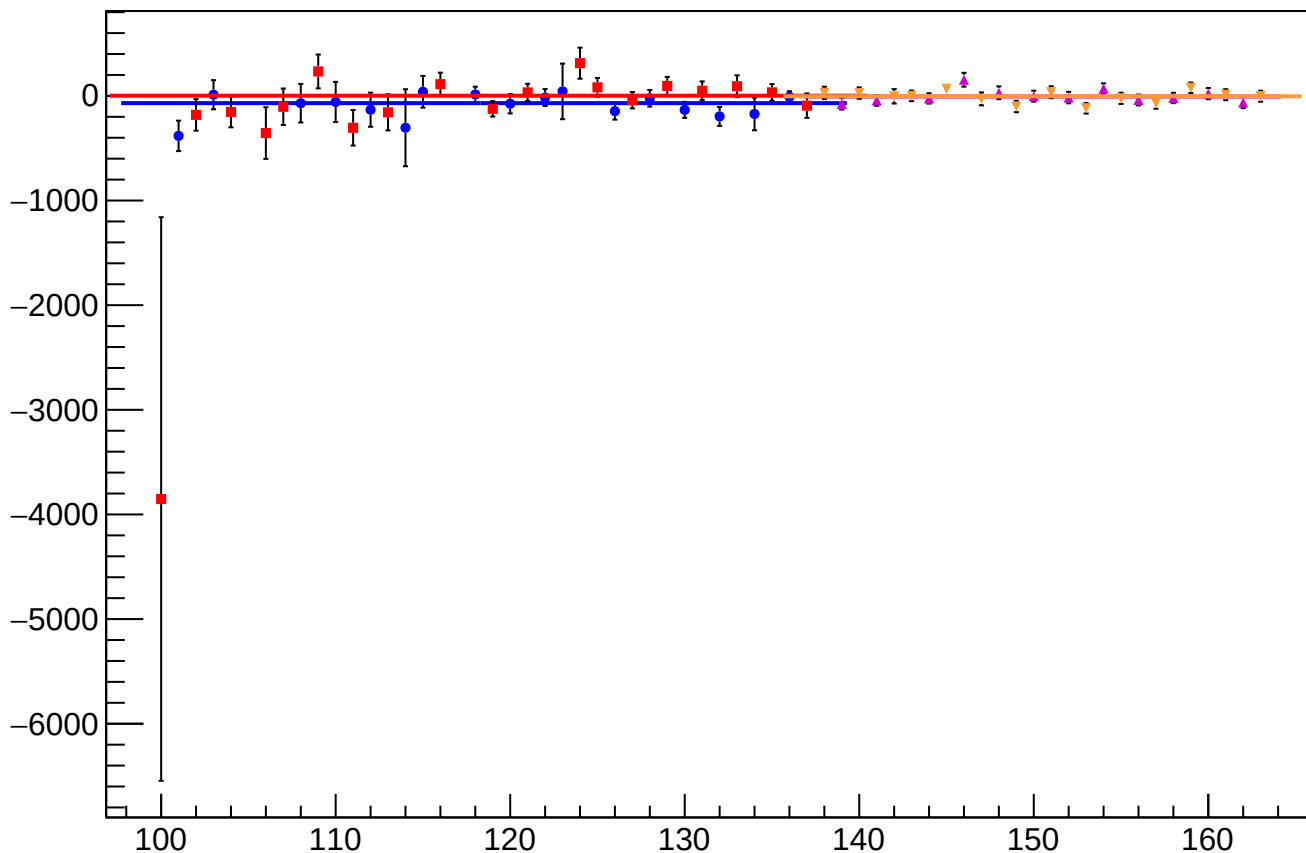
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.641+/-0.088 χ^2/NDF : 577974.8/11

Out: 387.643+/-0.086 χ^2/NDF : 881496.9/13

All: 384.709+/-0.061 χ^2/NDF : 1461856.5/25

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: -3.913 ± 14.275 χ^2/NDF : 16.9/13

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -5.897 ± 15.453 χ^2/NDF : 12.7/11

Left: -4.826 ± 10.486 χ^2/NDF : 29.6/25

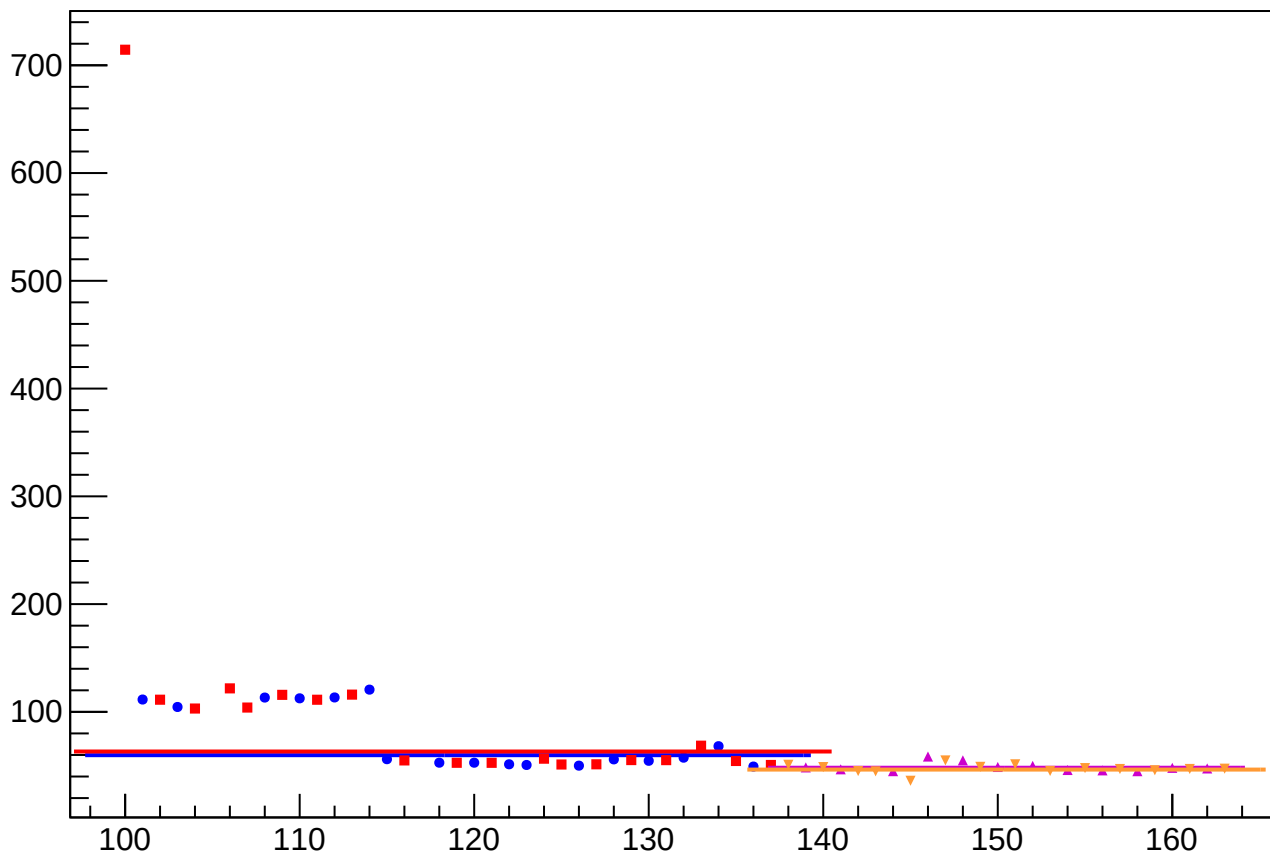
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -24.164 ± 13.033 χ^2/NDF : 31.1/28

Out: -2.537 ± 12.419 χ^2/NDF : 42.8/32

All: -12.829 ± 8.991 χ^2/NDF : 75.3/61

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.447+/-0.010 χ^2/NDF : 204396.0/13

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 48.160+/-0.011 χ^2/NDF : 103245.1/11

Left: 47.235+/-0.007 χ^2/NDF : 320906.0/25

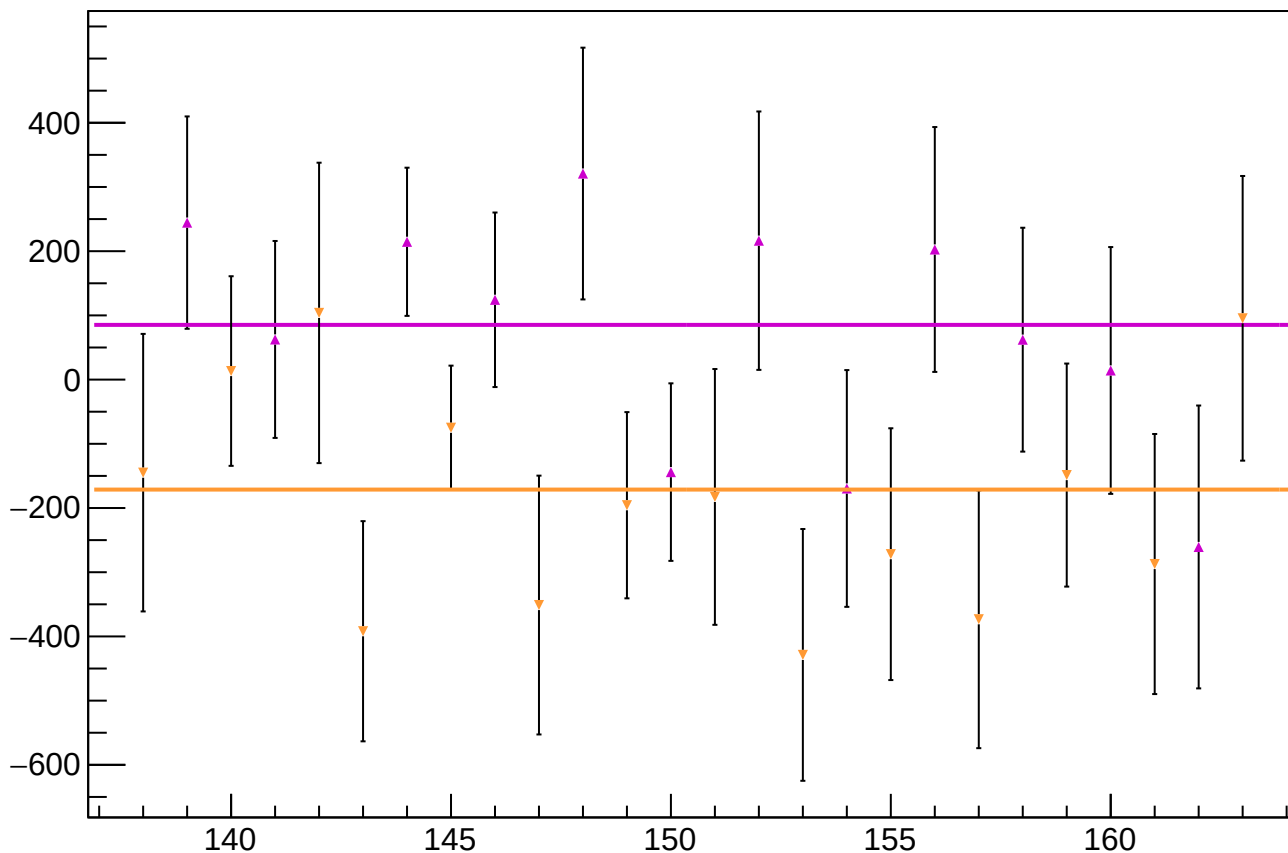
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 51.522+/-0.009 χ^2/NDF : 1661256.2/28

Out: 50.526+/-0.009 χ^2/NDF : 2380256.3/32

All: 51.000+/-0.006 χ^2/NDF : 4047637.9/61

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -171.287 ± 45.715 $\chi^2/\text{NDF}: 11.2/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 85.216 ± 47.201 $\chi^2/\text{NDF}: 11.8/11$

Left: -47.137 ± 32.838 $\chi^2/\text{NDF}: 38.3/25$

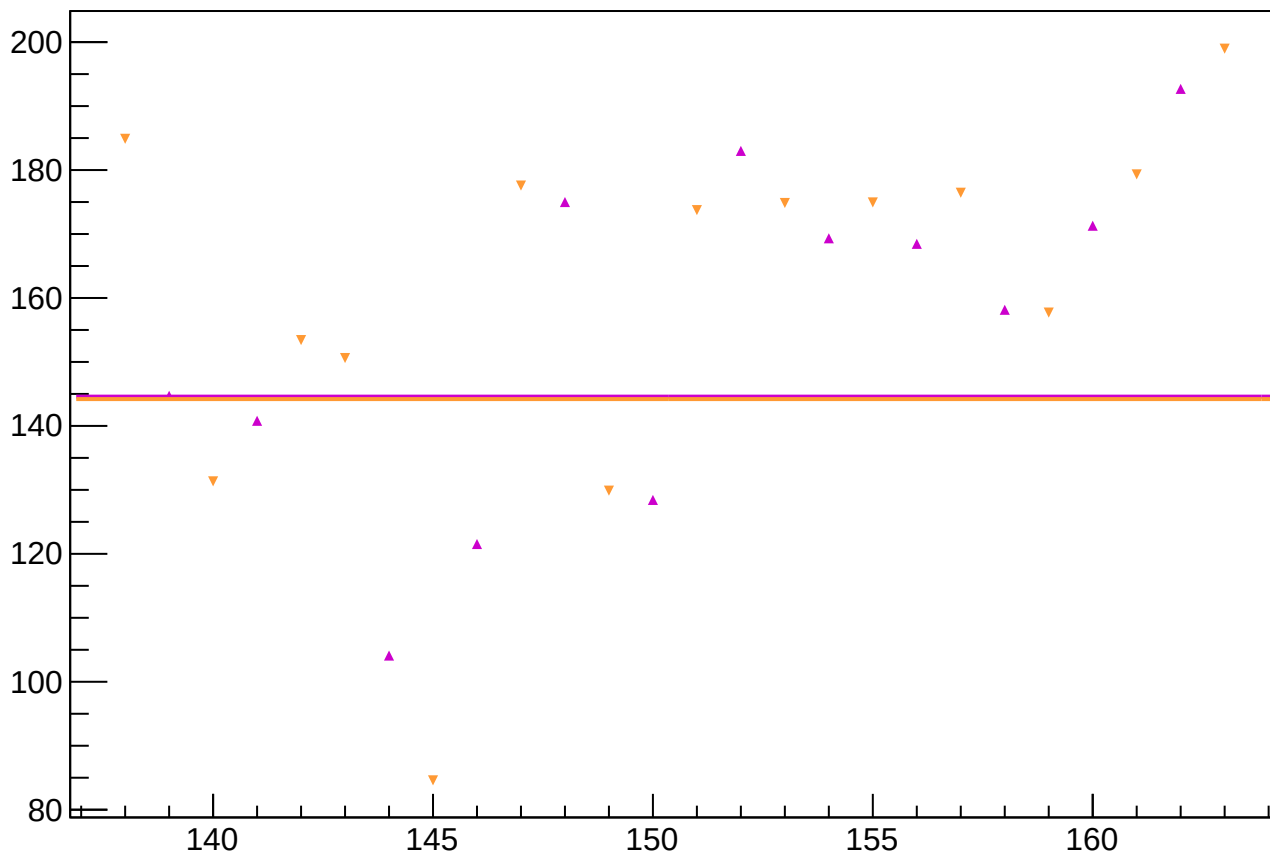
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 85.216 ± 47.201 $\chi^2/\text{NDF}: 11.8/11$

Out: -171.287 ± 45.715 $\chi^2/\text{NDF}: 11.2/13$

All: -47.137 ± 32.838 $\chi^2/\text{NDF}: 38.3/25$

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: 144.194+/-0.032 χ^2/NDF :1313831.3/13

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

Left In: 144.577+/-0.033 χ^2/NDF :666769.6/11

Left: 144.379+/-0.023 χ^2/NDF : 1980668.9/25

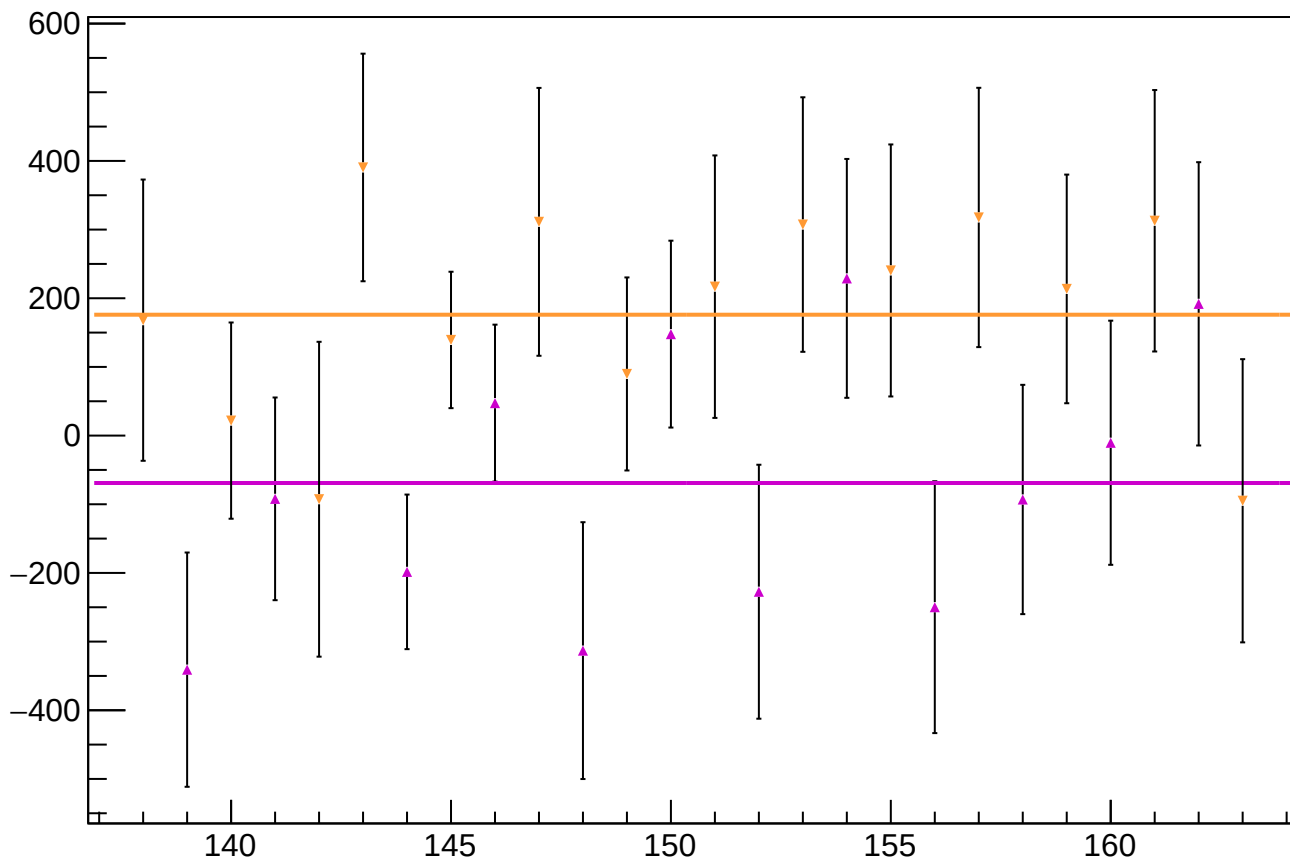
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144.577+/-0.033 χ^2/NDF :666769.6/11

Out: 144.194+/-0.032 χ^2/NDF :1313831.3/13

All: 144.379+/-0.023 χ^2/NDF : 1980668.9/25

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: 176.040 $\pm$ 44.370 χ^2 /NDF:8.7/13

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

Left In: -69.044 $\pm$ 44.656 χ^2 /NDF:15.5/11

Left: 54.284 $\pm$ 31.475 χ^2 /NDF: 39.4/25

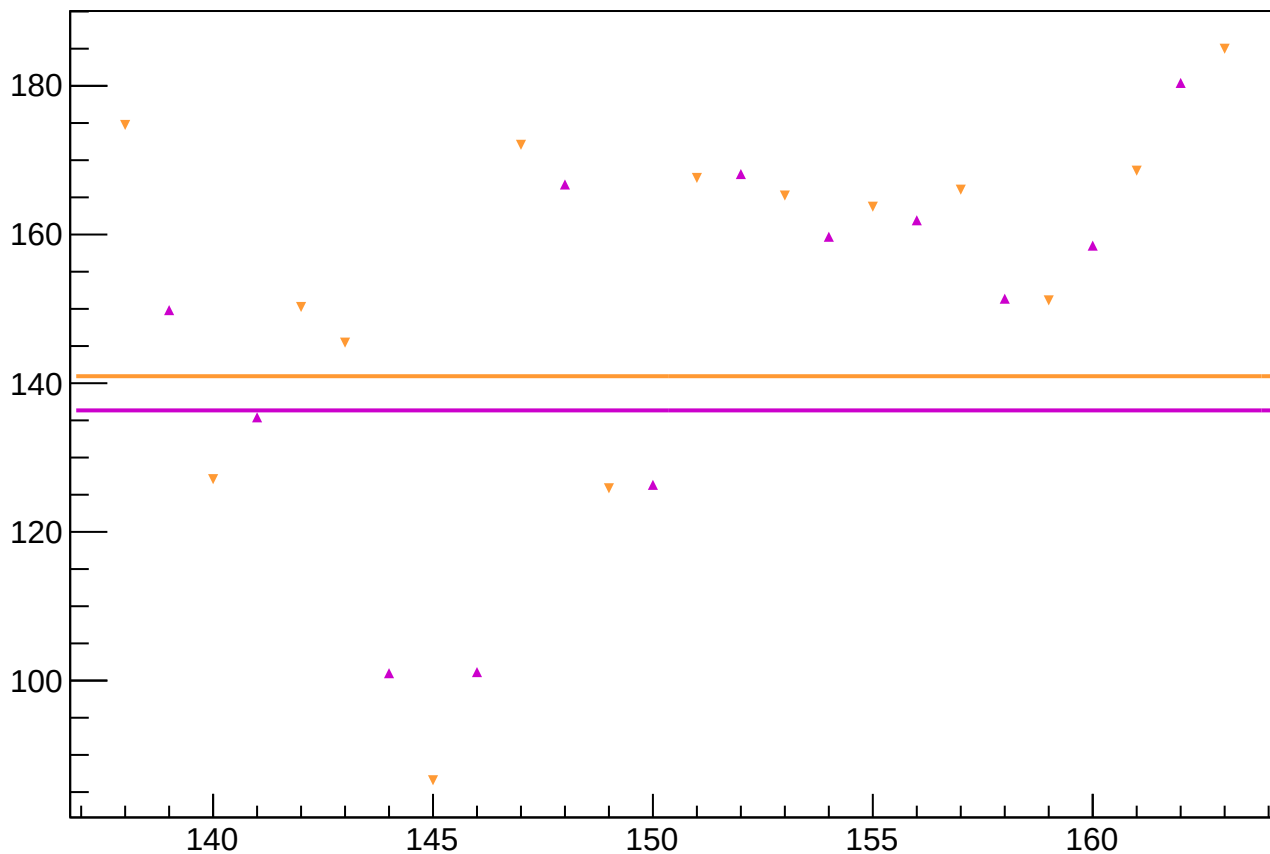
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -69.044 $\pm$ 44.656 χ^2 /NDF:15.5/11

Out: 176.040 $\pm$ 44.370 χ^2 /NDF:8.7/13

All: 54.284 $\pm$ 31.475 χ^2 /NDF: 39.4/25

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 140.942+/-0.031 χ^2/NDF :1031376.3/13

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

Left In: 136.343+/-0.032 χ^2/NDF :735989.6/11

Left: 138.657+/-0.022 χ^2/NDF : 1778039.0/25

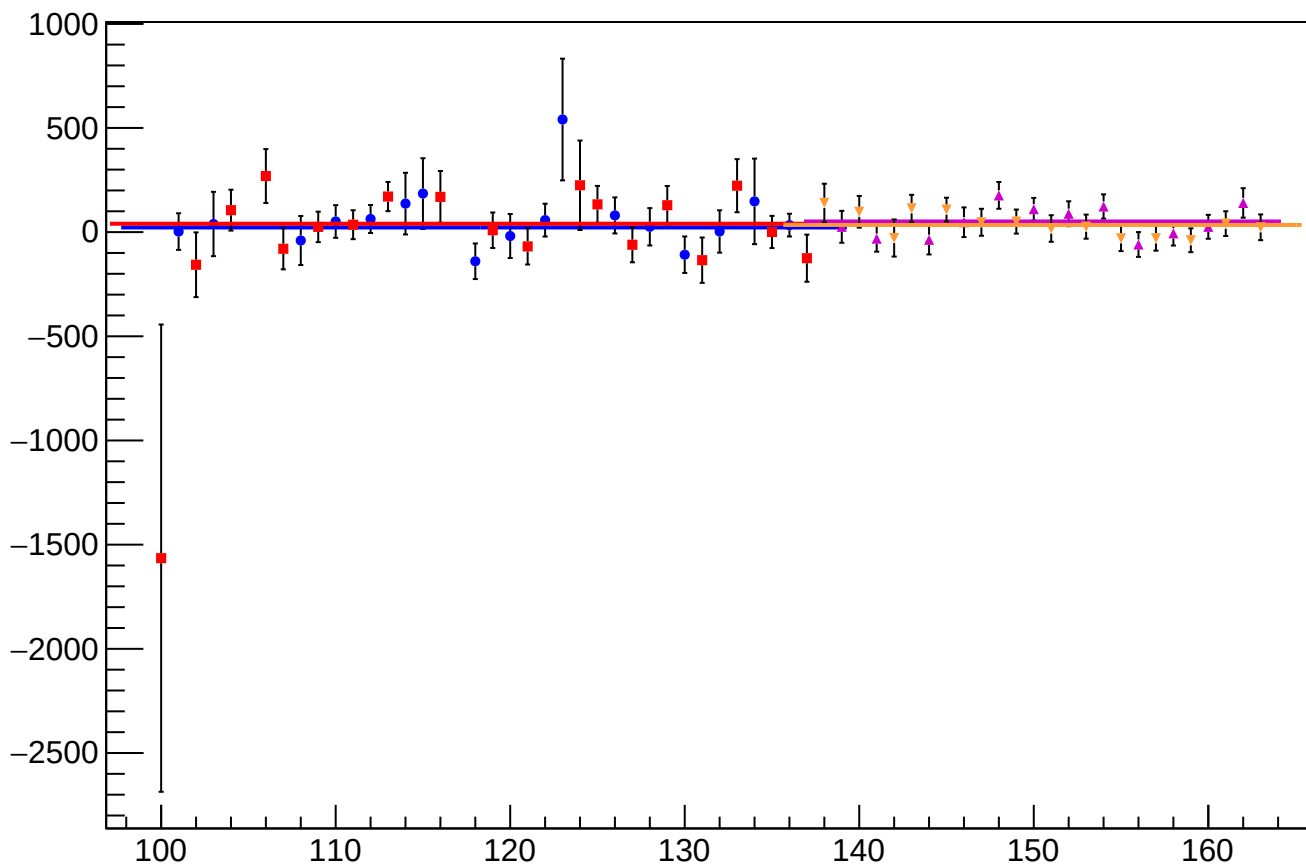
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.343+/-0.032 χ^2/NDF :735989.6/11

Out: 140.942+/-0.031 χ^2/NDF :1031376.3/13

All: 138.657+/-0.022 χ^2/NDF : 1778039.0/25

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: 34.437 $\pm$ 17.035 χ^2 /NDF: 9.9/13

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 51.147 $\pm$ 18.082 χ^2 /NDF: 16.5/11

Left: 42.295 $\pm$ 12.399 χ^2 /NDF: 26.8/25

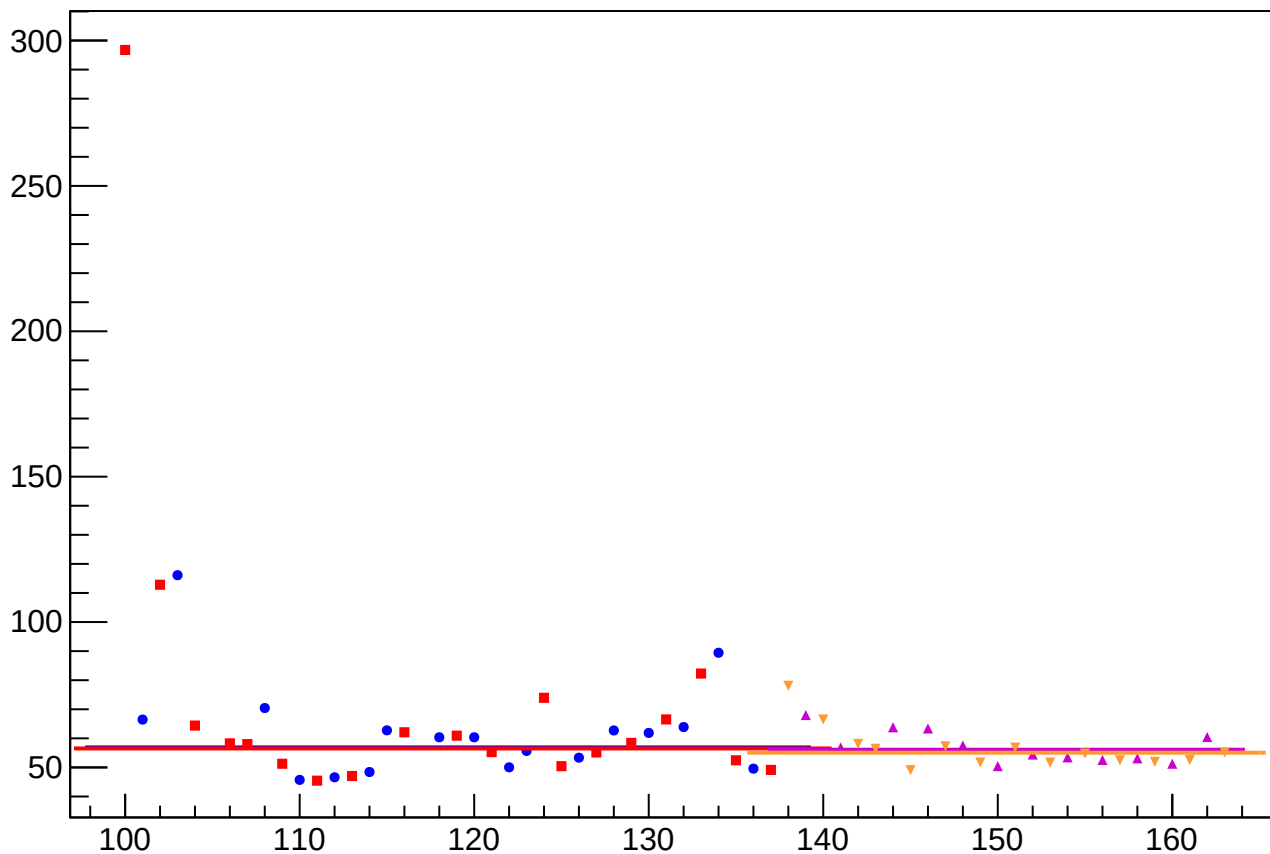
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 39.928 $\pm$ 14.125 χ^2 /NDF: 30.1/28

Out: 36.597 $\pm$ 13.499 χ^2 /NDF: 36.2/32

All: 38.187 $\pm$ 9.759 χ^2 /NDF: 66.2/61

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: 55.069 $\pm$ 0.012 χ^2 /NDF: 226946.7/13

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.088 $\pm$ 0.013 χ^2 /NDF: 155803.0/11

Left: 55.548 $\pm$ 0.009 χ^2 /NDF: 386113.5/25

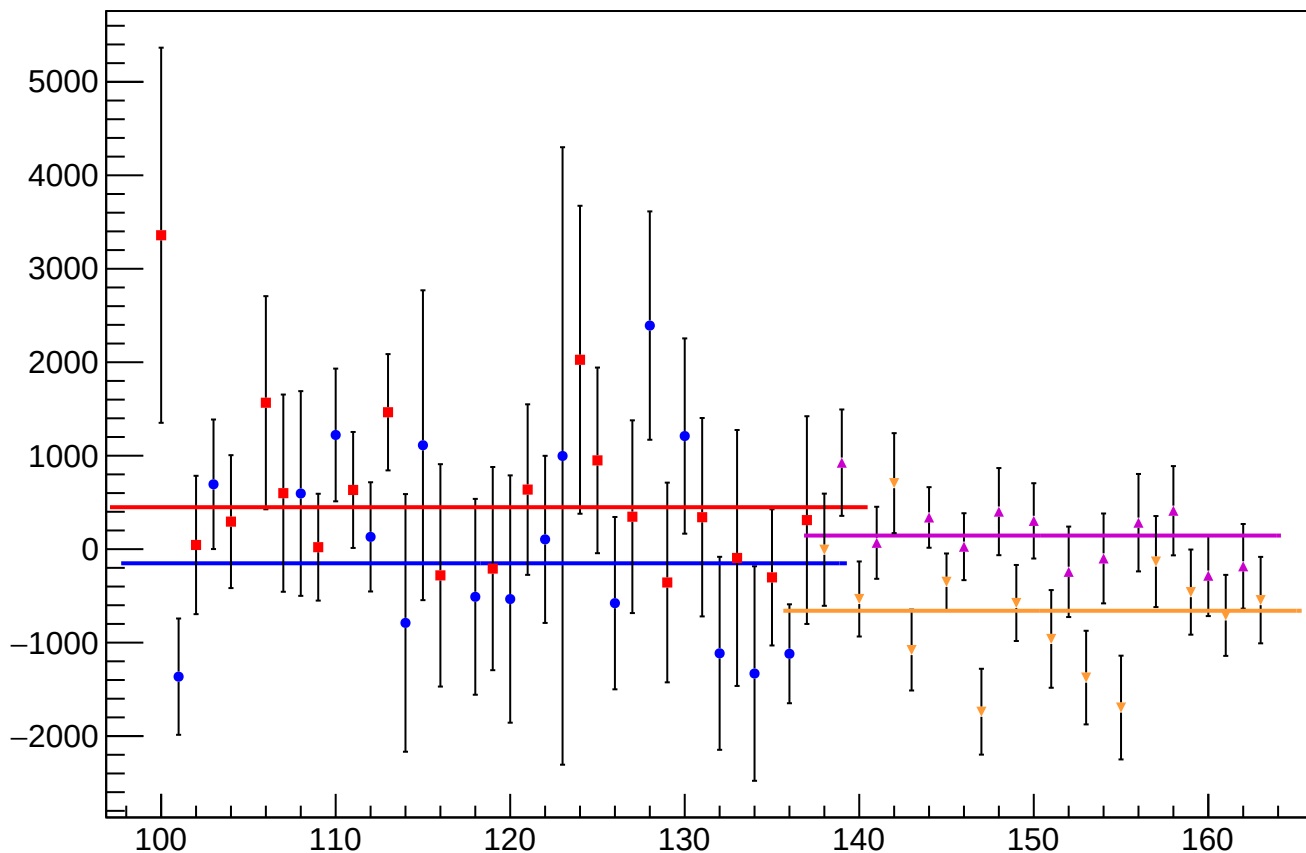
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.396 $\pm$ 0.010 χ^2 /NDF: 732782.3/28

Out: 55.612 $\pm$ 0.010 χ^2 /NDF: 844676.9/32

All: 55.986 $\pm$ 0.007 χ^2 /NDF: 1580682.9/61

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -659.031 $\pm$ 120.043 χ^2 /NDF:22.6/13

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 145.540 $\pm$ 124.228 χ^2 /NDF:5.6/11

Left: -270.527 $\pm$ 86.325 χ^2 /NDF: 50.0/25

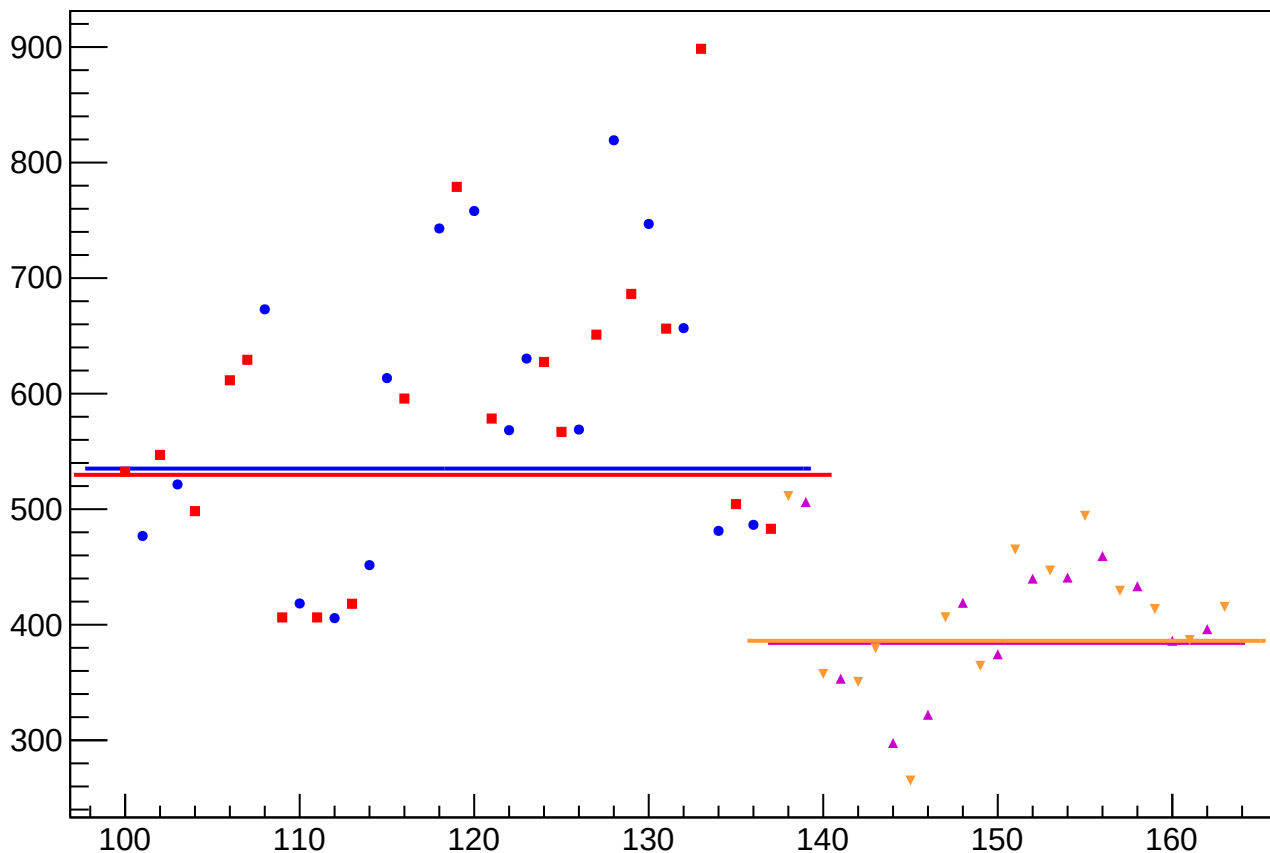
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 69.931 $\pm$ 107.239 χ^2 /NDF:29.5/28

Out: -374.056 $\pm$ 103.459 χ^2 /NDF:55.1/32

All: -160.026 $\pm$ 74.457 χ^2 /NDF: 93.5/61

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 386.091+/-0.085 χ^2/NDF : 616363.2/13

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 384.273+/-0.088 χ^2/NDF : 438528.1/11

Left: 385.213+/-0.061 χ^2/NDF : 1055112.8/25

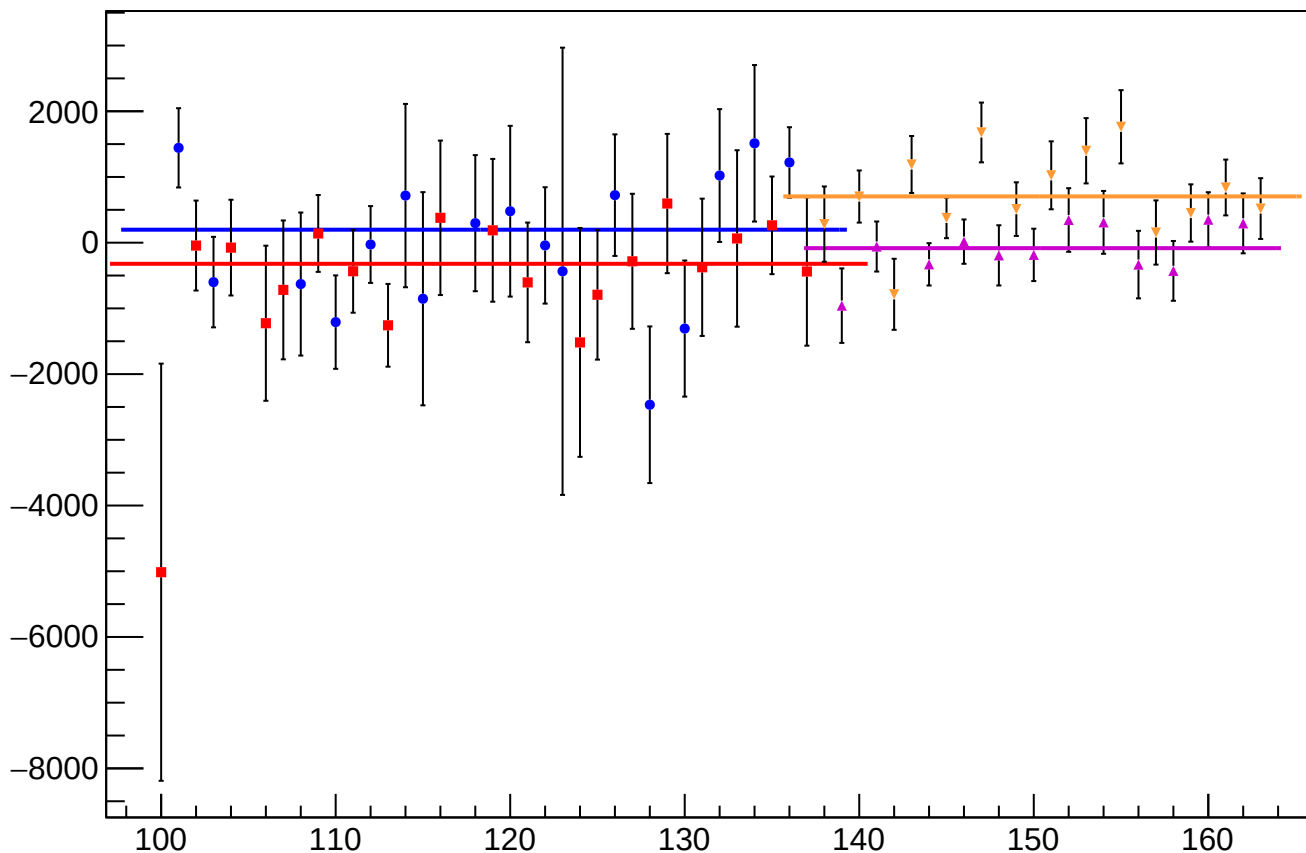
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 422.714+/-0.076 χ^2/NDF : 1786182.4/28

Out: 423.041+/-0.073 χ^2/NDF : 1999802.3/32

All: 422.883+/-0.053 χ^2/NDF : 3785994.4/61

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 703.919 $\pm$ 119.368 χ^2 /NDF:23.1/13

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -83.358 $\pm$ 121.897 χ^2 /NDF:7.2/11

Left: 318.532 $\pm$ 85.286 χ^2 /NDF: 51.6/25

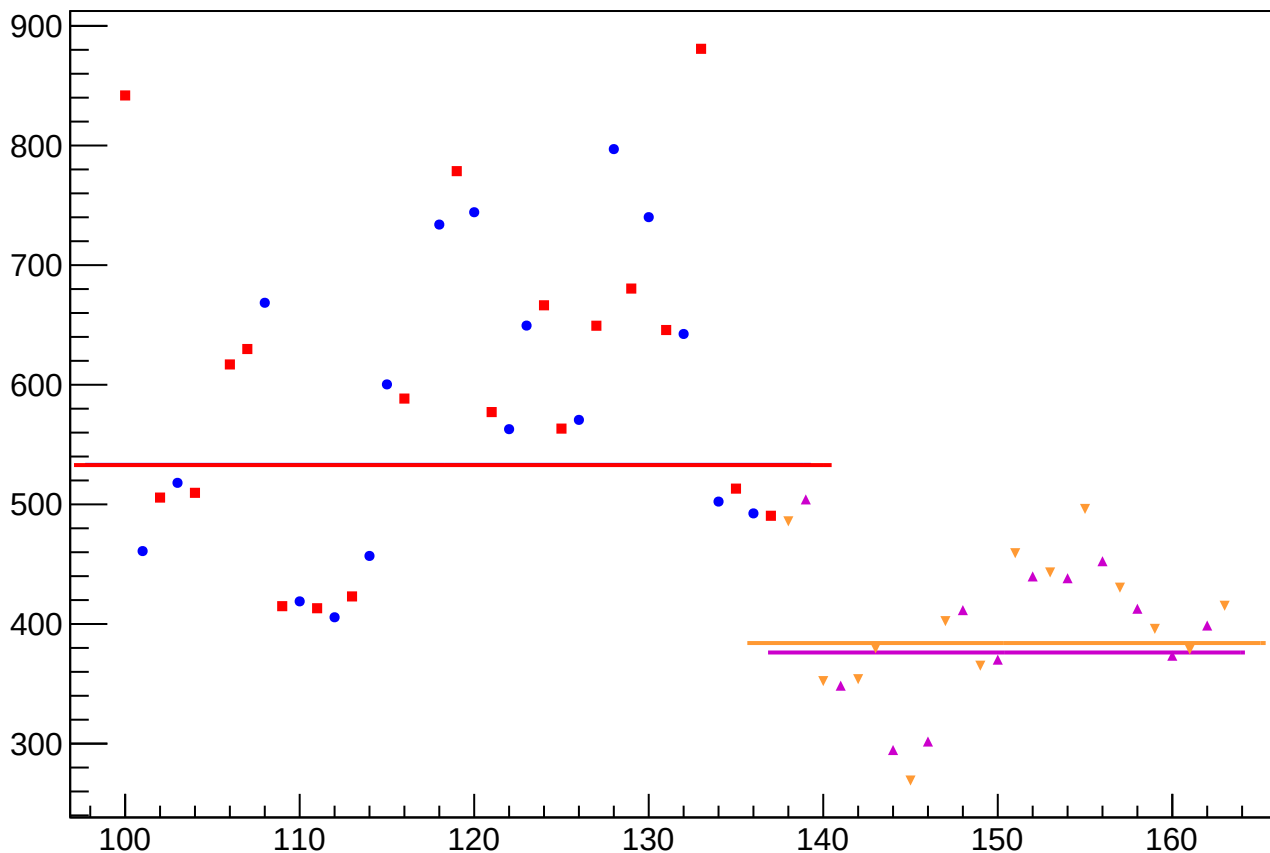
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -13.302 $\pm$ 105.609 χ^2 /NDF:32.5/28

Out: 444.771 $\pm$ 103.189 χ^2 /NDF:50.7/32

All: 221.044 $\pm$ 73.806 χ^2 /NDF: 92.8/61

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 384.087 $\pm$ 0.084 χ^2 /NDF: 547565.0/13

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 376.182 $\pm$ 0.086 χ^2 /NDF: 480863.4/11

Left: 380.217 $\pm$ 0.060 χ^2 /NDF: 1032722.6/25

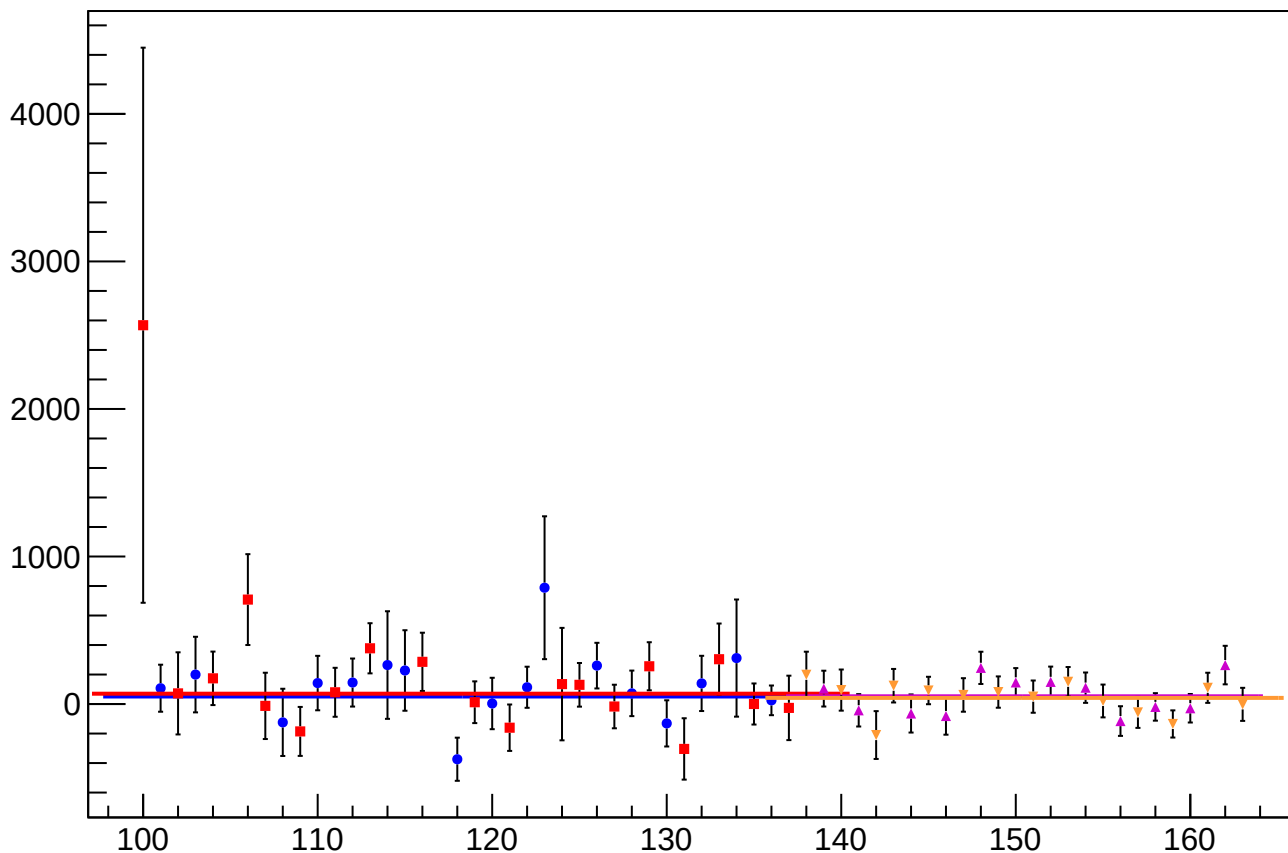
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 415.297 $\pm$ 0.075 χ^2 /NDF: 1873521.0/28

Out: 421.682 $\pm$ 0.073 χ^2 /NDF: 1949577.1/32

All: 418.564 $\pm$ 0.052 χ^2 /NDF: 3826838.2/61

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: 41.621 $\pm$ 29.637 χ^2 /NDF:10.9/13

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 52.455 $\pm$ 31.151 χ^2 /NDF:14.8/11

Left: 46.768 $\pm$ 21.472 χ^2 /NDF: 25.8/25

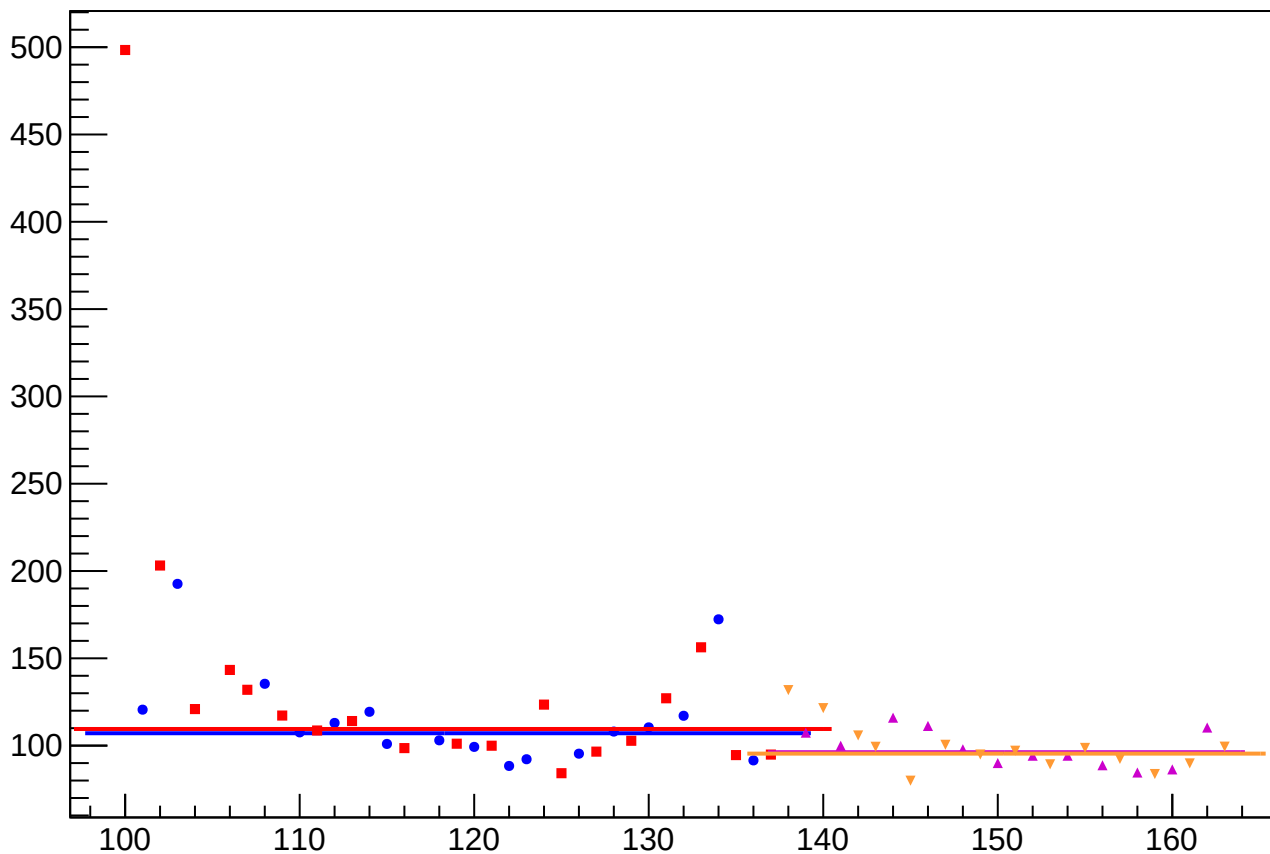
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 52.003 $\pm$ 25.107 χ^2 /NDF:32.2/28

Out: 50.844 $\pm$ 24.364 χ^2 /NDF:33.4/32

All: 51.406 $\pm$ 17.485 χ^2 /NDF: 65.6/61

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: 95.423 $\pm$ 0.021 χ^2 /NDF: 300273.4/13

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 96.230 $\pm$ 0.022 χ^2 /NDF: 190875.2/11

Left: 95.806 $\pm$ 0.015 χ^2 /NDF: 491853.1/25

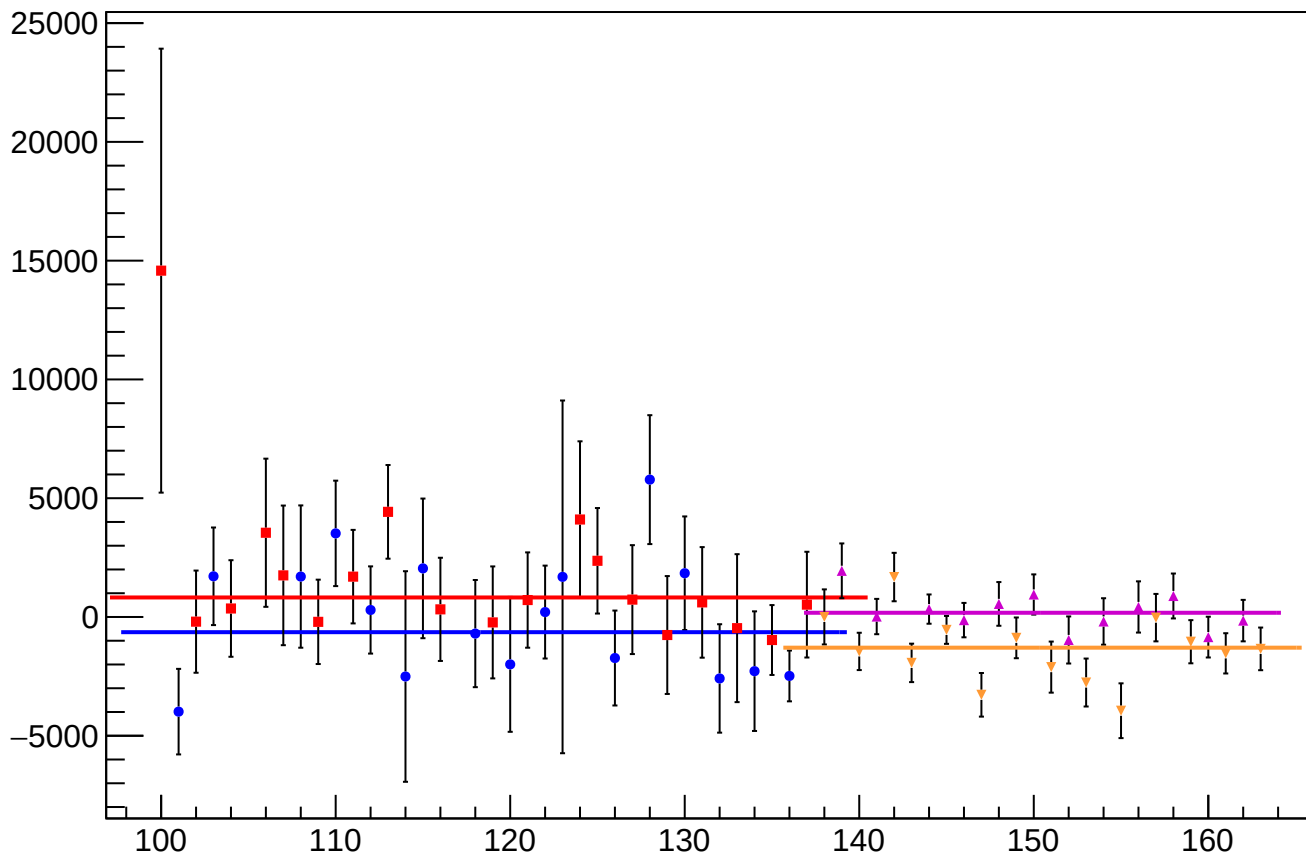
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.036 $\pm$ 0.018 χ^2 /NDF: 713864.2/28

Out: 99.996 $\pm$ 0.017 χ^2 /NDF: 1038709.0/32

All: 100.016 $\pm$ 0.012 χ^2 /NDF: 1752575.8/61

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1292.088+/-237.338 χ^2/NDF : 26.7/13

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 177.225+/-246.955 χ^2/NDF : 7.3/11

Left: -586.596+/-171.122 χ^2/NDF : 52.4/25

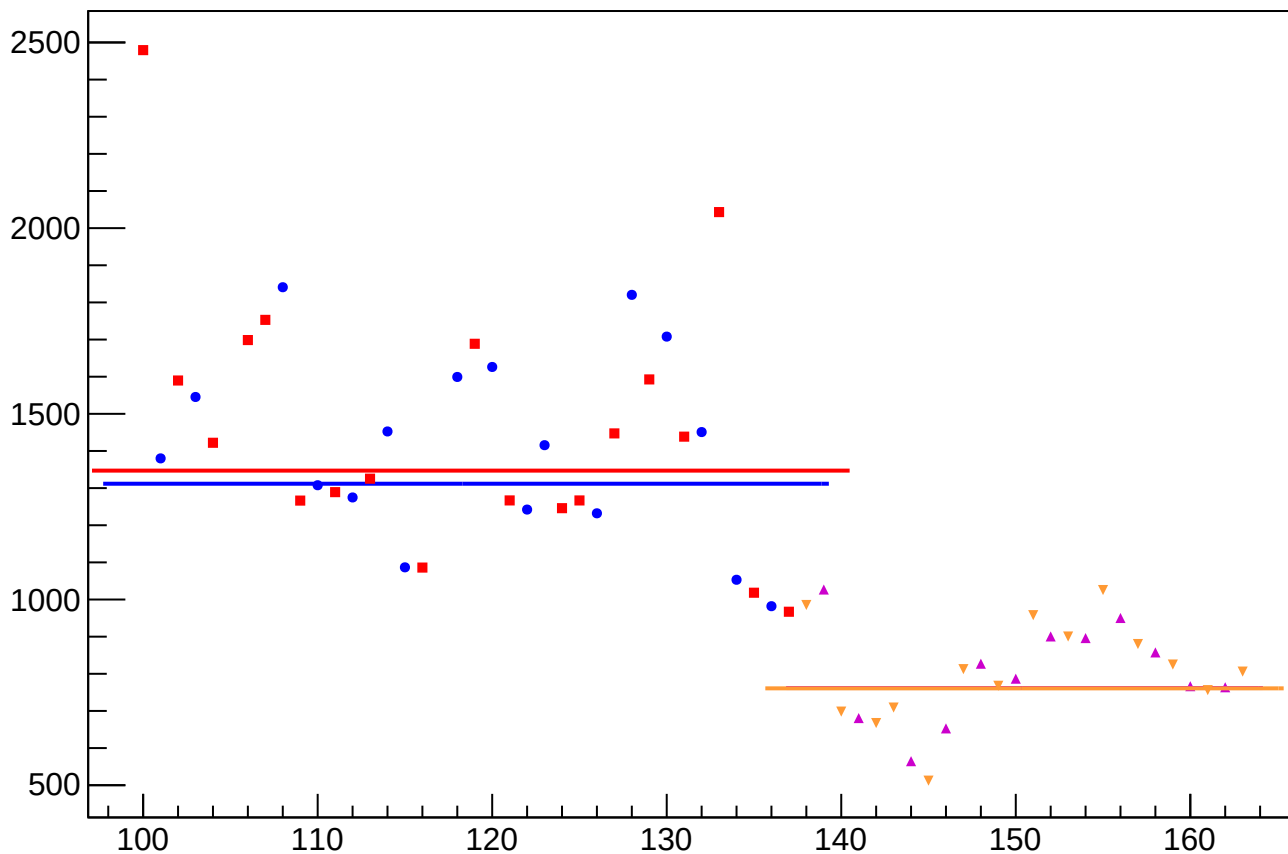
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 26.500+/-223.017 χ^2/NDF : 31.1/28

Out: -922.624+/-215.598 χ^2/NDF : 51.6/32

All: -464.110+/-155.007 χ^2/NDF : 92.0/61

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 760.823+/-0.168 χ^2/NDF : 732055.2/13

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 761.699+/-0.175 χ^2/NDF : 550143.4/11

Left: 761.244+/-0.121 χ^2/NDF : 1282211.7/25

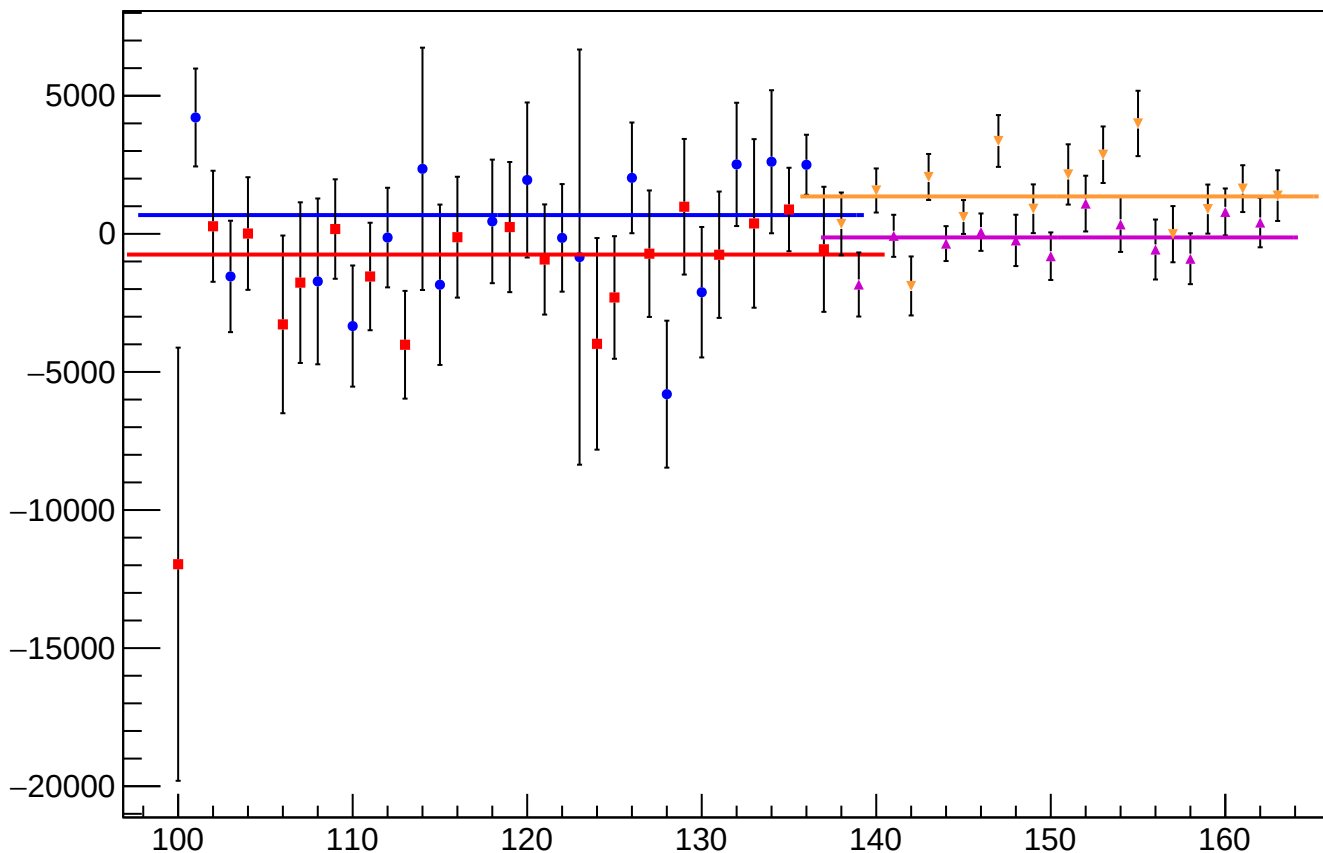
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 863.175+/-0.158 χ^2/NDF : 2893438.1/28

Out: 863.311+/-0.152 χ^2/NDF : 3355973.2/32

All: 863.245+/-0.110 χ^2/NDF : 6249411.7/61

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1354.828 $\pm$ 242.114 χ^2 /NDF:27.0/13

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -129.664 $\pm$ 247.619 χ^2 /NDF:7.1/11

Left: 629.264 $\pm$ 173.114 χ^2 /NDF: 52.4/25

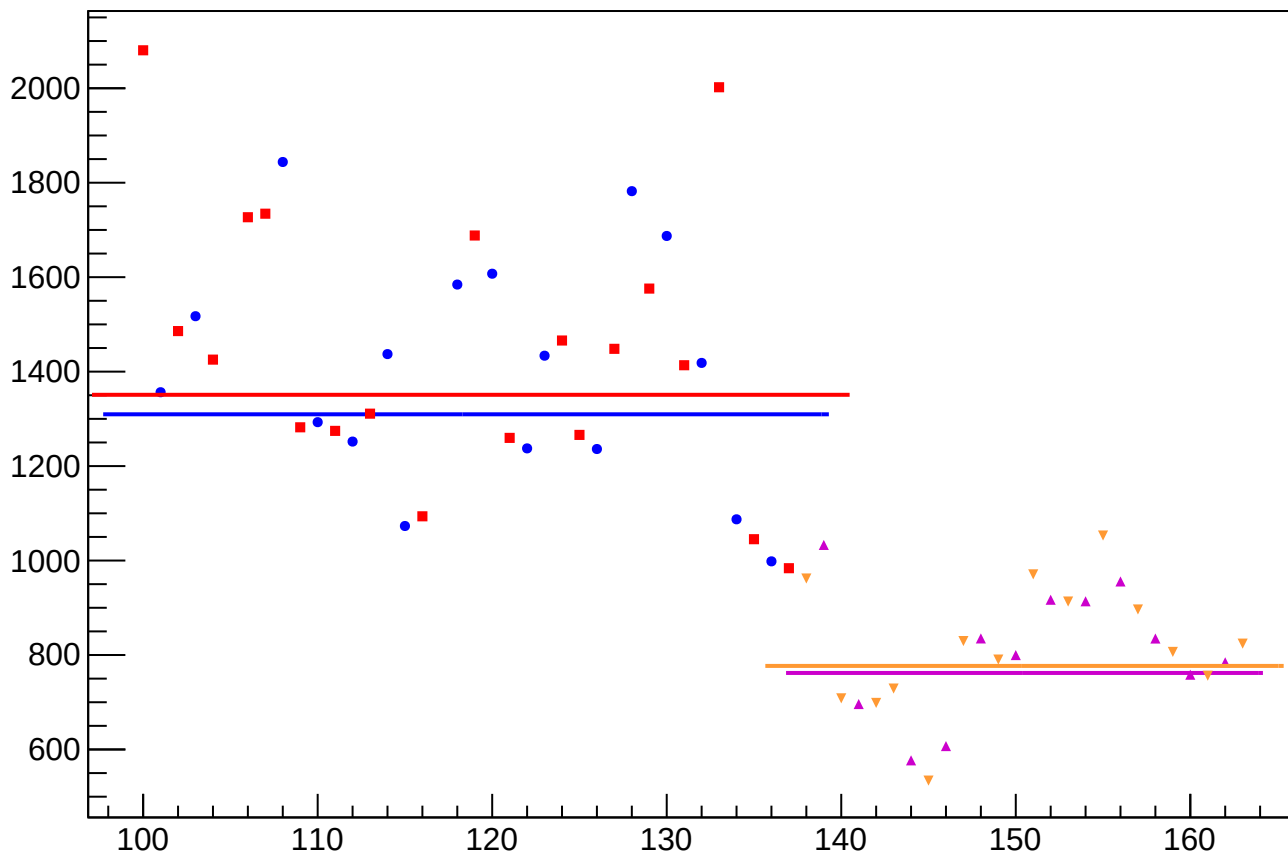
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 21.158 $\pm$ 223.366 χ^2 /NDF:31.7/28

Out: 975.329 $\pm$ 219.201 χ^2 /NDF:50.3/32

All: 507.223 $\pm$ 156.450 χ^2 /NDF: 91.2/61

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 776.912+/-0.171 χ^2/NDF : 648881.1/13

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 762.004+/-0.175 χ^2/NDF : 587794.1/11

Left: 769.625+/-0.122 χ^2/NDF : 1240381.6/25

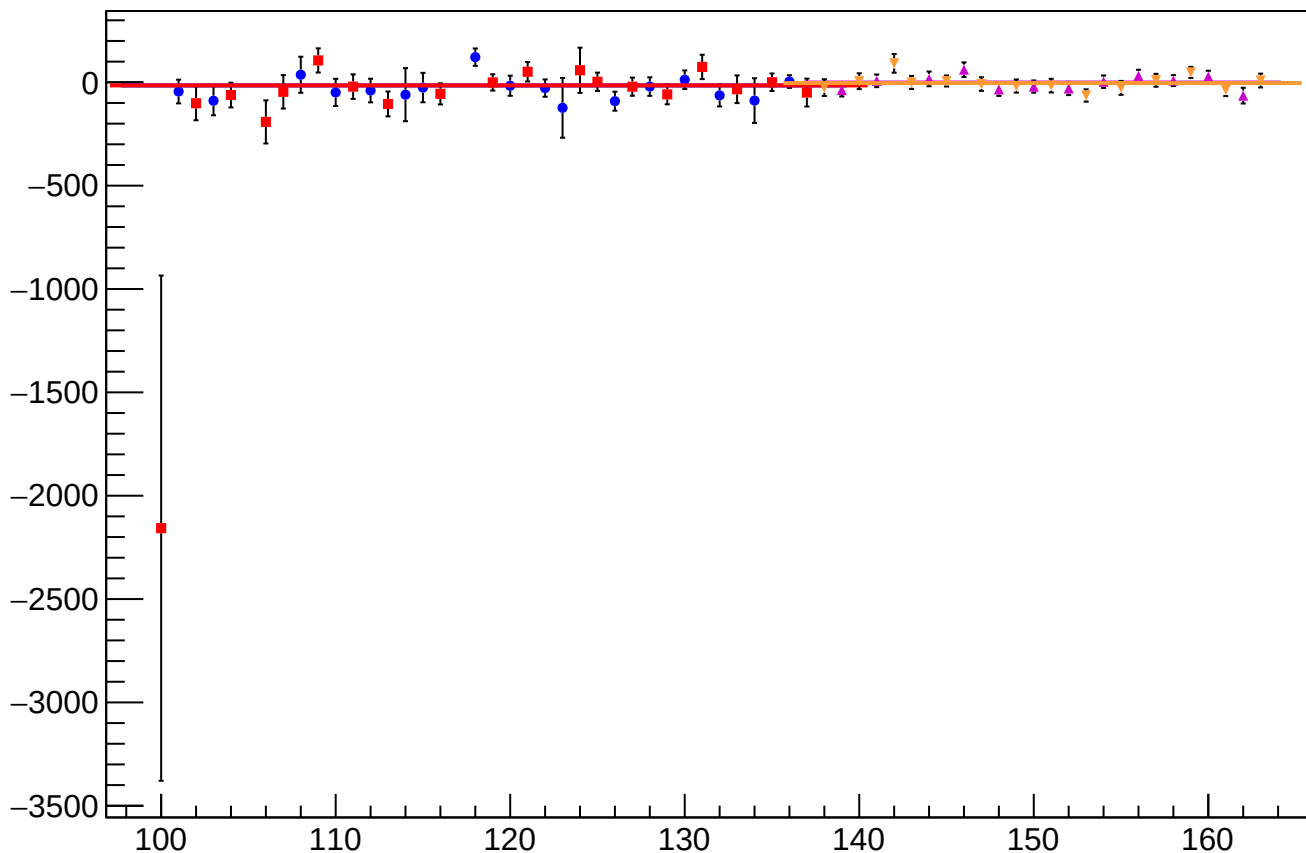
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 864.028+/-0.158 χ^2/NDF : 2869619.6/28

Out: 880.423+/-0.155 χ^2/NDF : 3098862.7/32

All: 872.380+/-0.111 χ^2/NDF : 5973971.4/61

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -3.671 ± 8.634 χ^2/NDF : 15.1/13

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -1.173 ± 8.981 χ^2/NDF : 12.2/11

Left: -2.472 ± 6.224 χ^2/NDF : 27.3/25

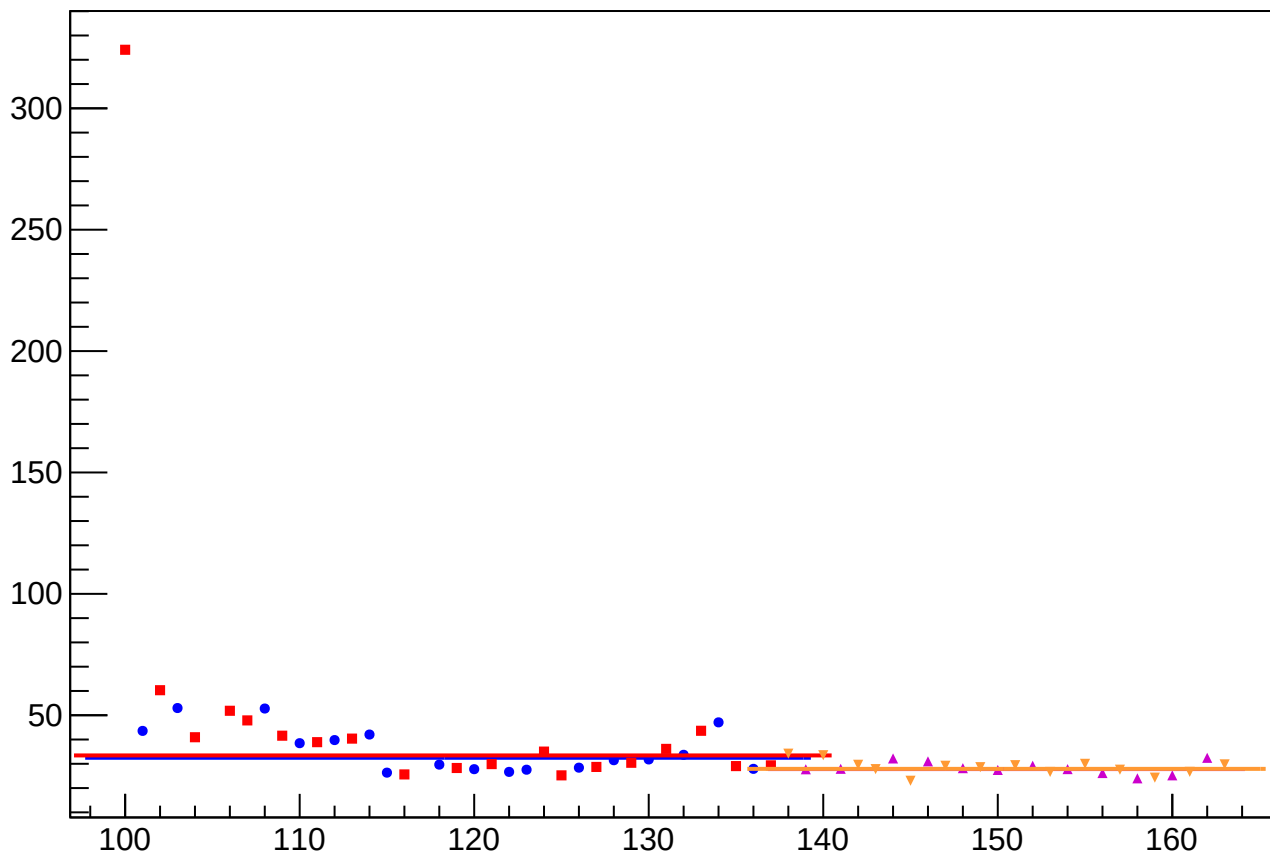
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -5.776 ± 7.372 χ^2/NDF : 31.4/28

Out: -7.129 ± 7.208 χ^2/NDF : 36.9/32

All: -6.467 ± 5.154 χ^2/NDF : 68.2/61

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.908+/-0.006 χ^2/NDF : 227211.7/13

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 27.827+/-0.006 χ^2/NDF : 144796.6/11

Left: 27.869+/-0.004 χ^2/NDF : 372093.8/25

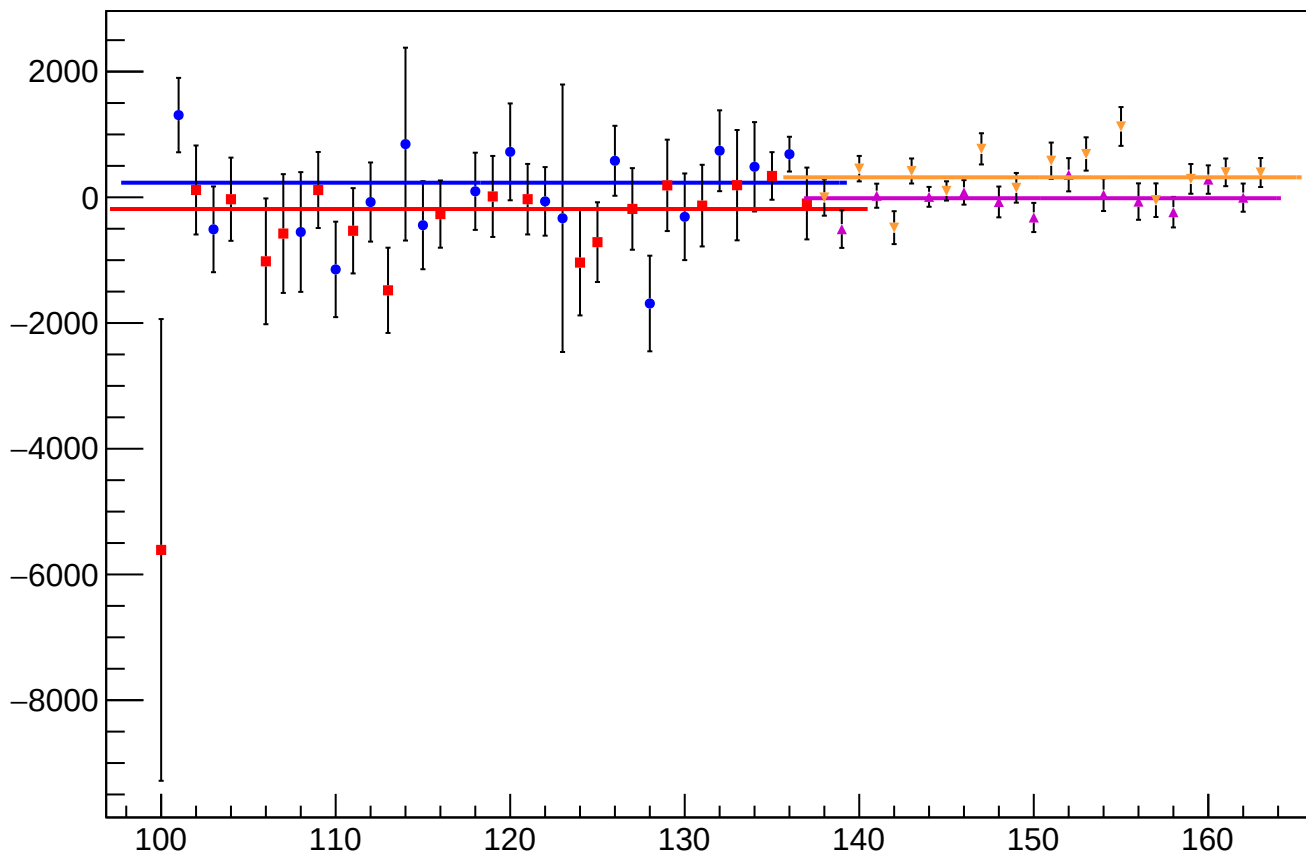
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 29.348+/-0.005 χ^2/NDF : 915100.5/28

Out: 29.585+/-0.005 χ^2/NDF : 1314678.3/32

All: 29.469+/-0.004 χ^2/NDF : 2230840.2/61

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: 317.924 $\pm$ 61.917 χ^2 /NDF:28.9/13

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -14.616 $\pm$ 64.887 χ^2 /NDF:9.4/11

Left: 159.438 $\pm$ 44.795 χ^2 /NDF: 52.1/25

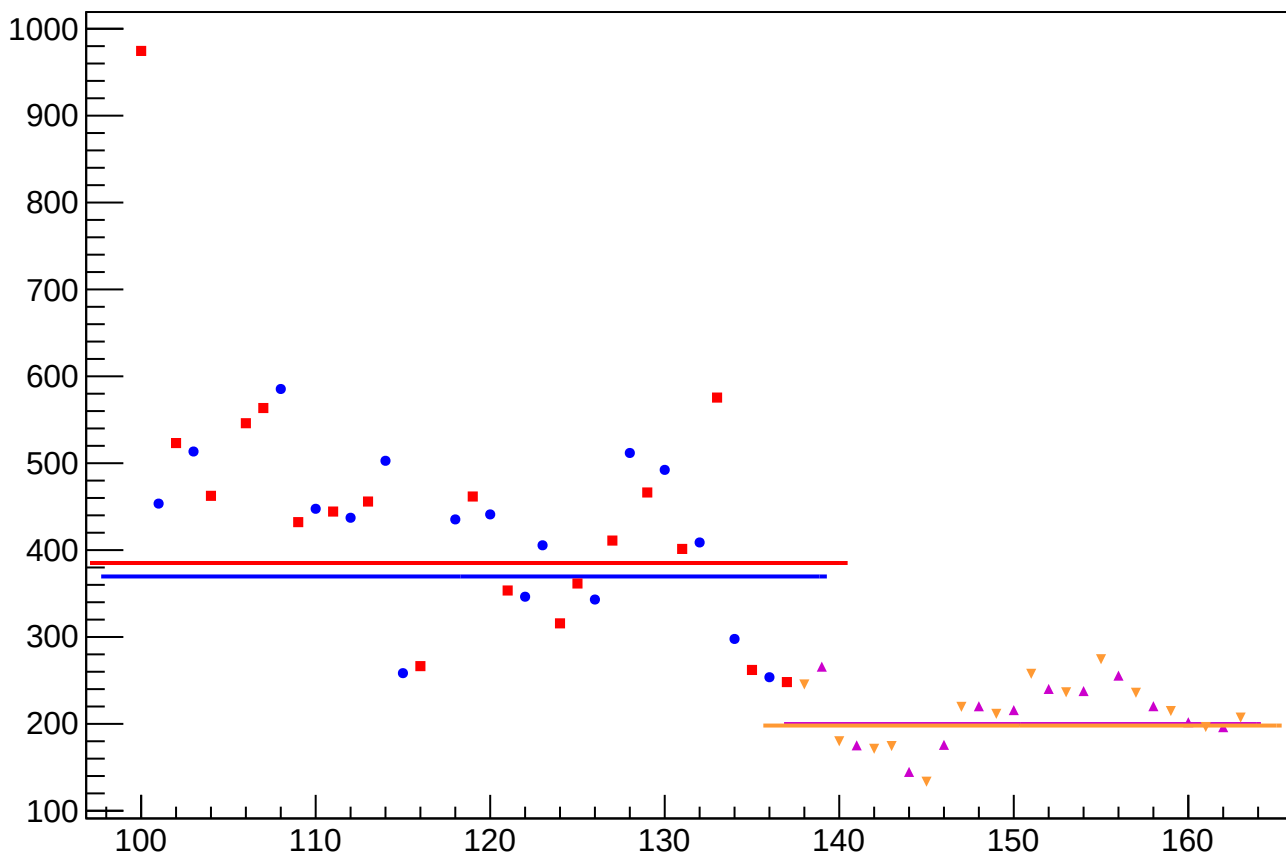
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 24.925 $\pm$ 59.465 χ^2 /NDF:33.2/28

Out: 244.431 $\pm$ 57.226 χ^2 /NDF:50.3/32

All: 138.889 $\pm$ 41.234 χ^2 /NDF: 90.6/61

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 198.081 $\pm$ 0.044 χ^2 /NDF: 797741.6/13

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 199.822 $\pm$ 0.046 χ^2 /NDF: 606066.9/11

Left: 198.911 $\pm$ 0.032 χ^2 /NDF: 1404561.9/25

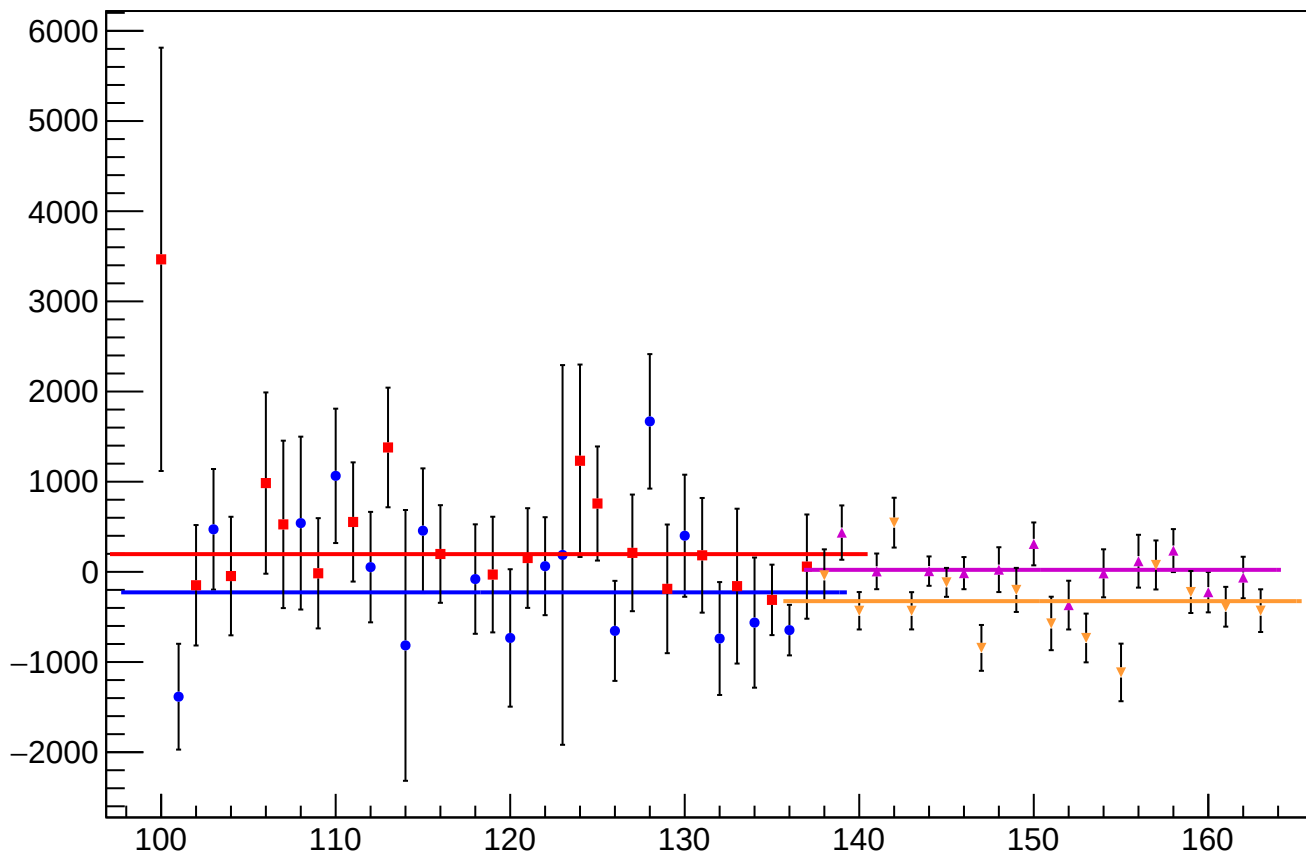
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 227.015 $\pm$ 0.042 χ^2 /NDF: 3702576.1/28

Out: 225.353 $\pm$ 0.040 χ^2 /NDF: 4385917.5/32

All: 226.152 $\pm$ 0.029 χ^2 /NDF: 8089304.3/61

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -324.762+/-63.484 χ^2/NDF :29.3/13

Right Out: 196.753+/-150.178 χ^2/NDF : 10.7/18

Left In: 22.412+/-65.167 χ^2/NDF :7.8/11

Left: -155.717+/-45.473 χ^2/NDF : 51.6/25

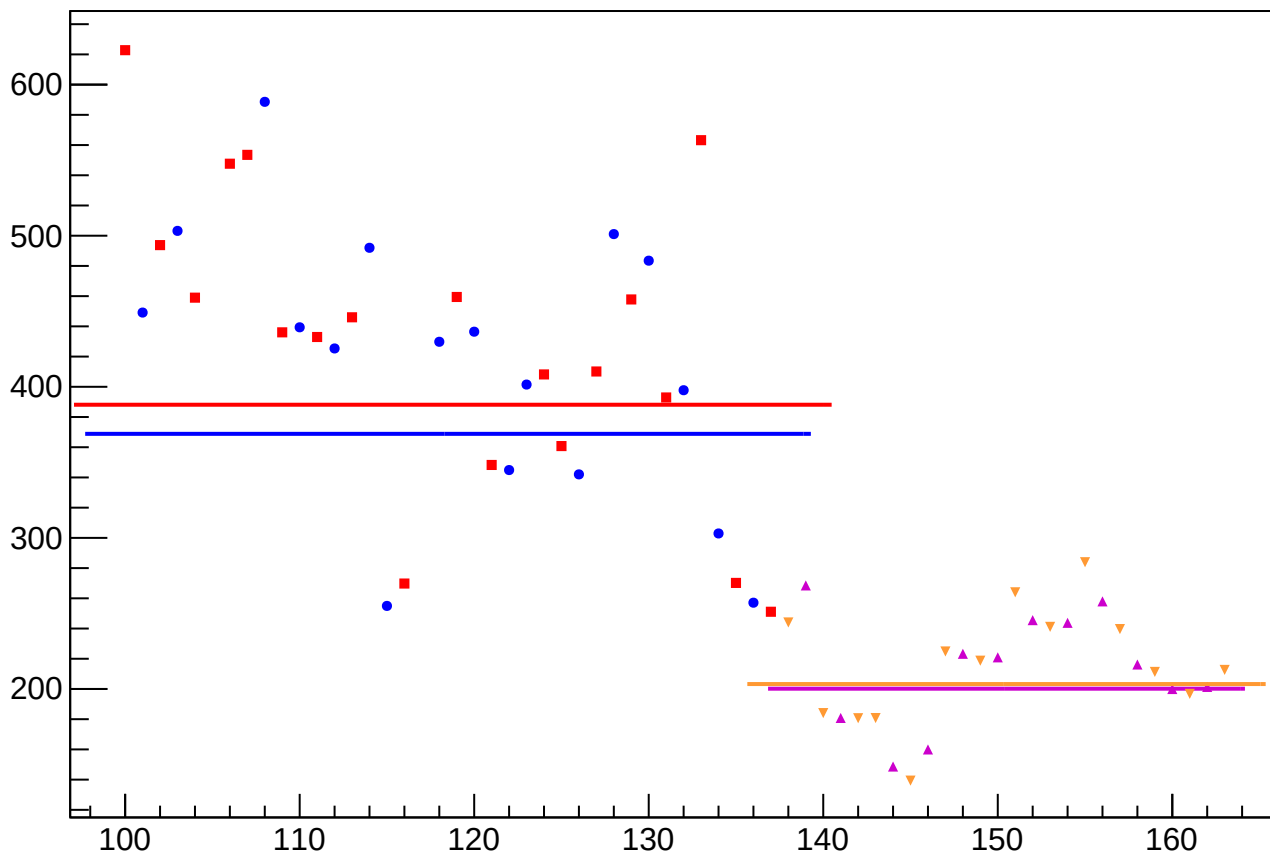
Right: -18.470+/-105.386 χ^2/NDF : 36.6/35

In: -18.172+/-59.636 χ^2/NDF :32.0/28

Out: -245.699+/-58.474 χ^2/NDF :50.3/32

All: -134.175+/-41.752 χ^2/NDF : 89.7/61

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: 203.261 $\pm$ 0.045 χ^2/NDF : 728124.0/13

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 200.184 $\pm$ 0.046 χ^2/NDF : 653452.2/11

Left: 201.763 $\pm$ 0.032 χ^2/NDF : 1383862.8/25

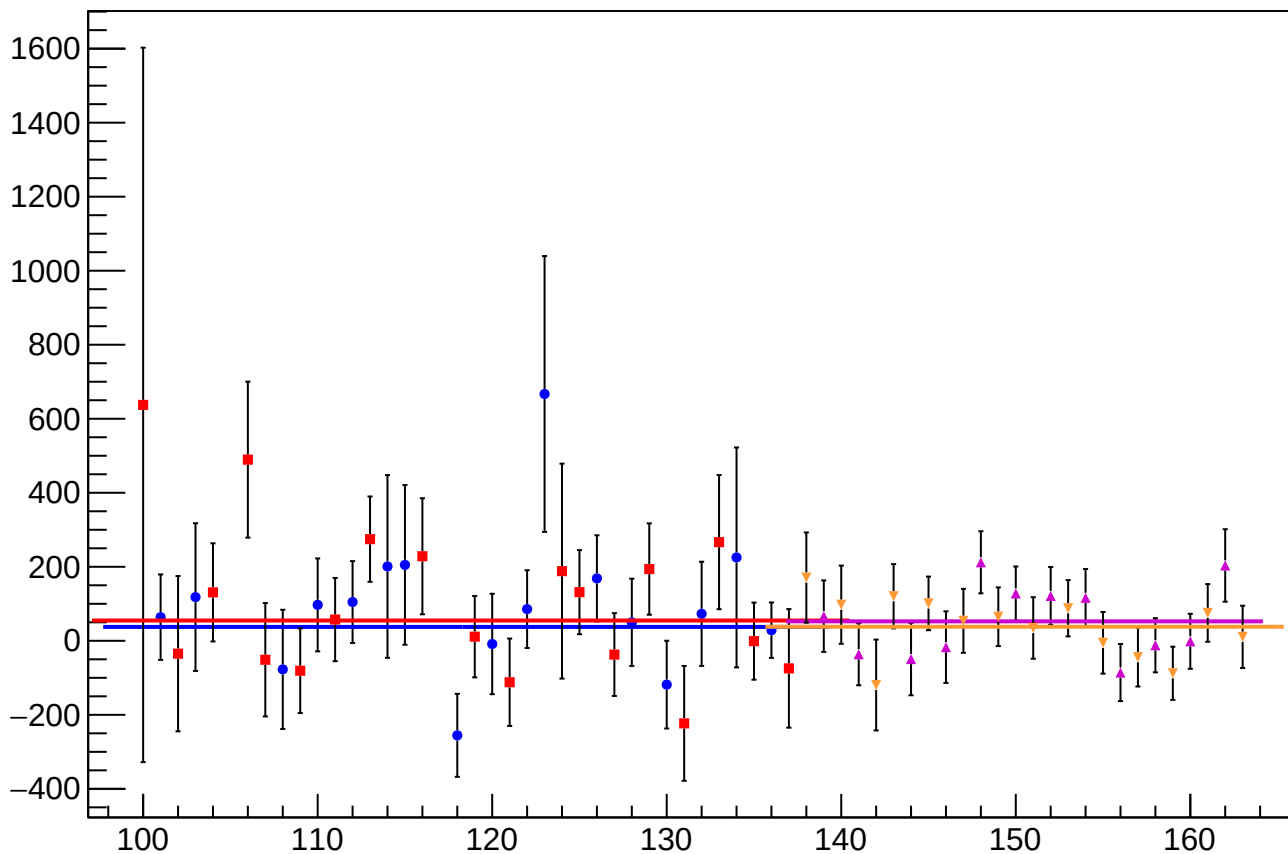
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 227.601 $\pm$ 0.042 χ^2/NDF : 3661140.8/28

Out: 231.287 $\pm$ 0.041 χ^2/NDF : 4077540.4/32

All: 229.480 $\pm$ 0.030 χ^2/NDF : 7742577.7/61

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: 37.971 $\pm$ 22.586 χ^2 /NDF:10.2/13

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 52.586 $\pm$ 23.841 χ^2 /NDF:15.8/11

Left: 44.884 $\pm$ 16.396 χ^2 /NDF: 26.1/25

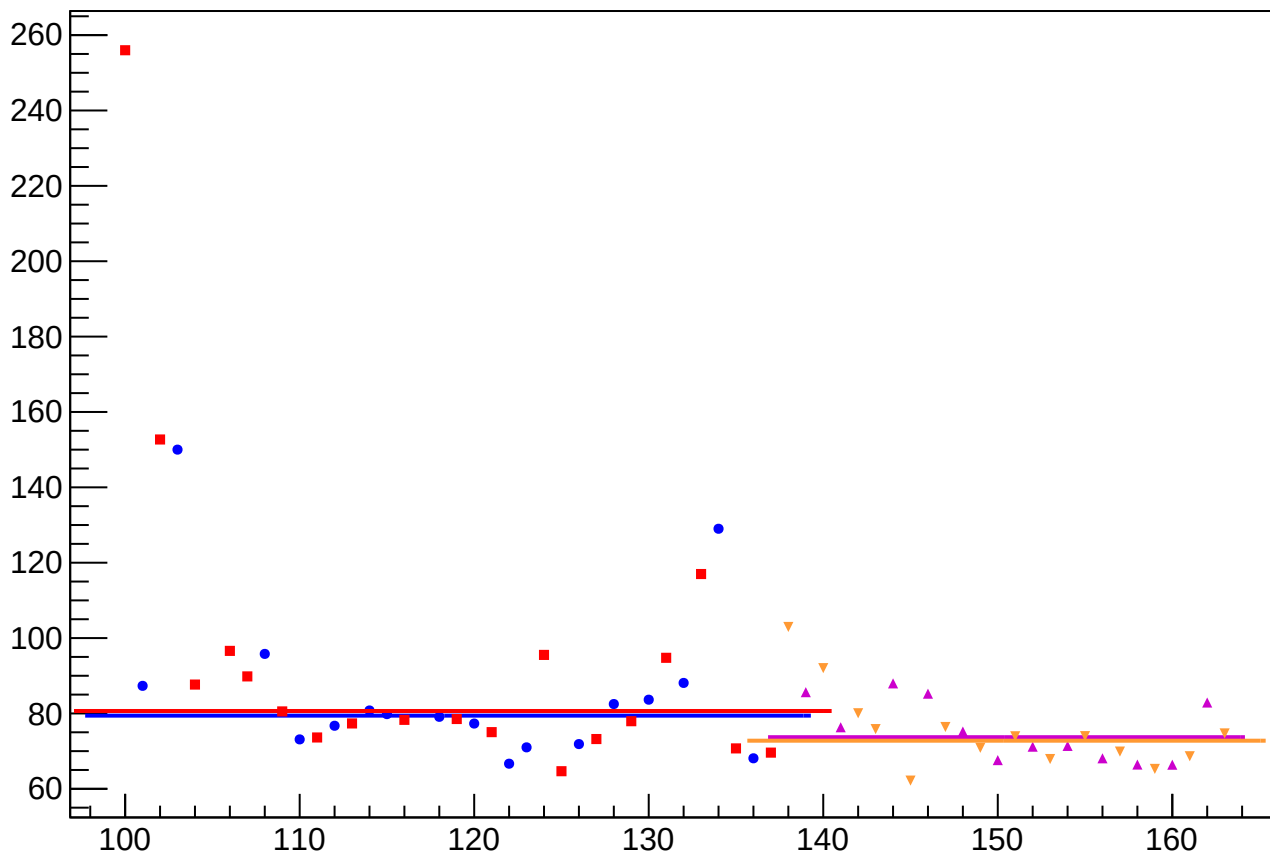
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 47.096 $\pm$ 19.001 χ^2 /NDF:31.8/28

Out: 43.724 $\pm$ 18.350 χ^2 /NDF:32.5/32

All: 45.351 $\pm$ 13.199 χ^2 /NDF: 64.3/61

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: 72.771 $\pm$ 0.016 χ^2/NDF : 286203.1/13

Right Out: 80.652 $\pm$ 0.022 χ^2/NDF : 520439.8/18

Left In: 73.699 $\pm$ 0.017 χ^2/NDF : 189261.5/11

Left: 73.210 $\pm$ 0.012 χ^2/NDF : 477063.0/25

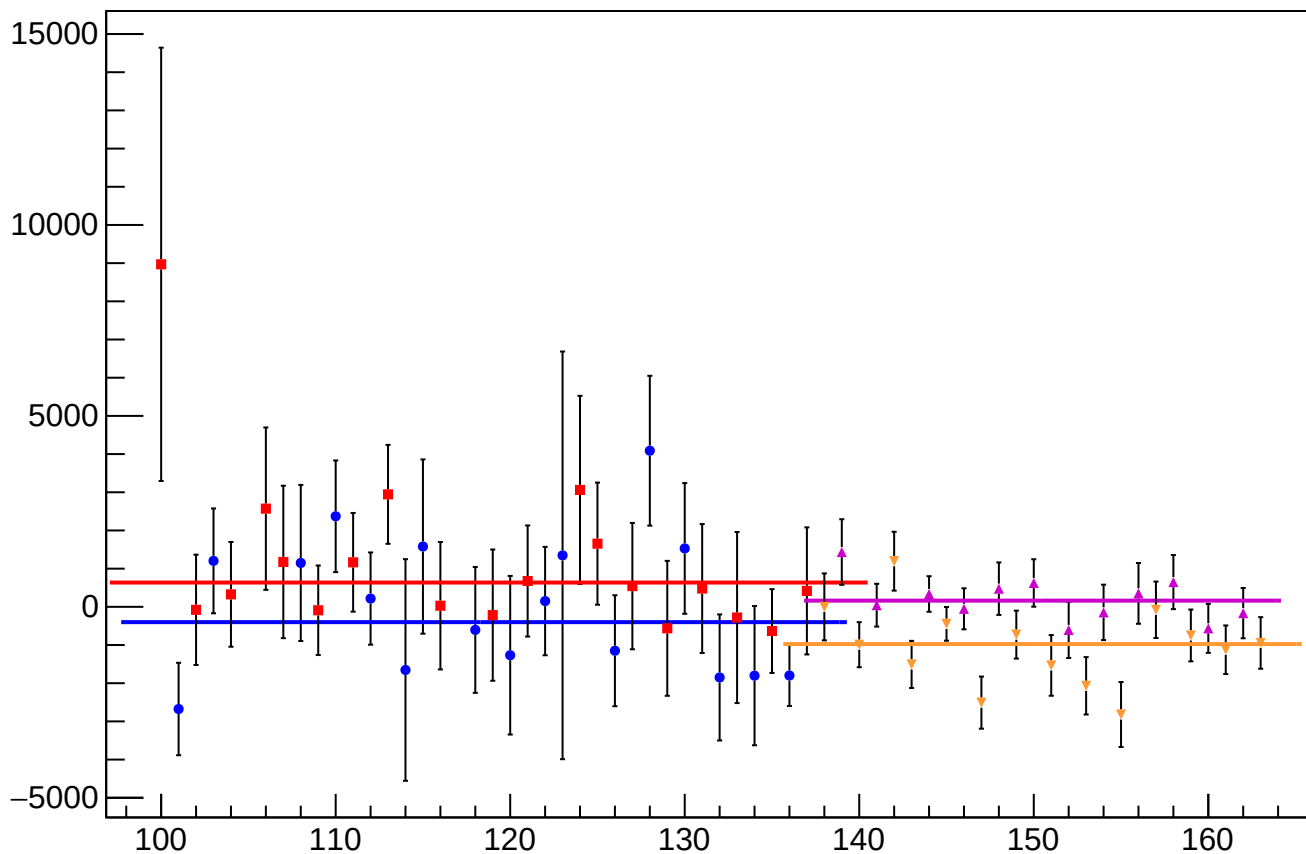
Right: 80.036 $\pm$ 0.016 χ^2/NDF : 961016.5/35

In: 75.786 $\pm$ 0.013 χ^2/NDF : 670339.0/28

Out: 75.450 $\pm$ 0.013 χ^2/NDF : 889427.1/32

All: 75.612 $\pm$ 0.009 χ^2/NDF : 1560090.9/61

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -975.654+/-177.605 χ^2/NDF : 25.5/13

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 162.151+/-184.426 χ^2/NDF : 6.6/11

Left: -428.181+/-127.929 χ^2/NDF : 51.9/25

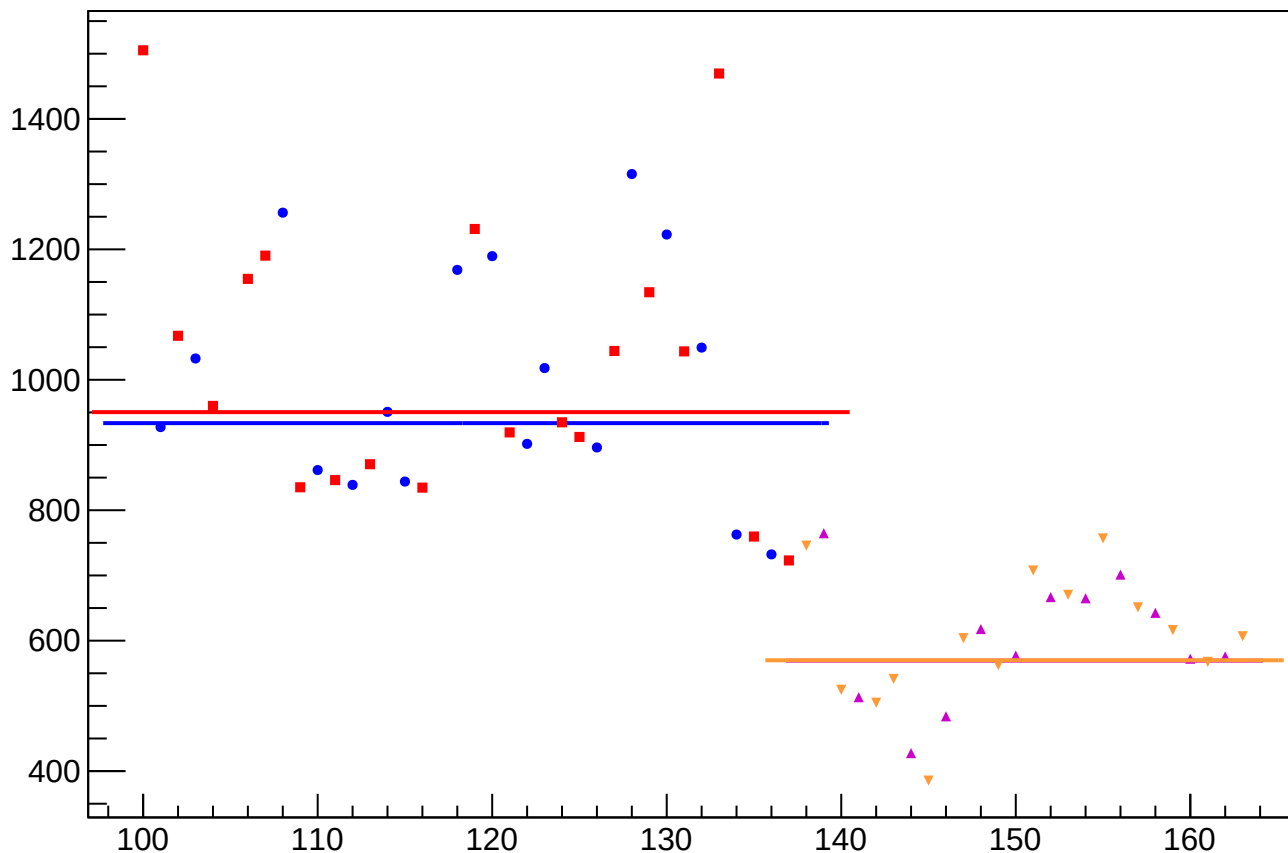
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 49.329+/-164.922 χ^2/NDF : 30.4/28

Out: -664.233+/-159.527 χ^2/NDF : 52.3/32

All: -319.315+/-114.663 χ^2/NDF : 92.4/61

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 569.931+/-0.126 χ^2/NDF : 696957.6/13

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 569.356+/-0.130 χ^2/NDF : 516130.7/11

Left: 569.654+/-0.090 χ^2/NDF : 1213098.4/25

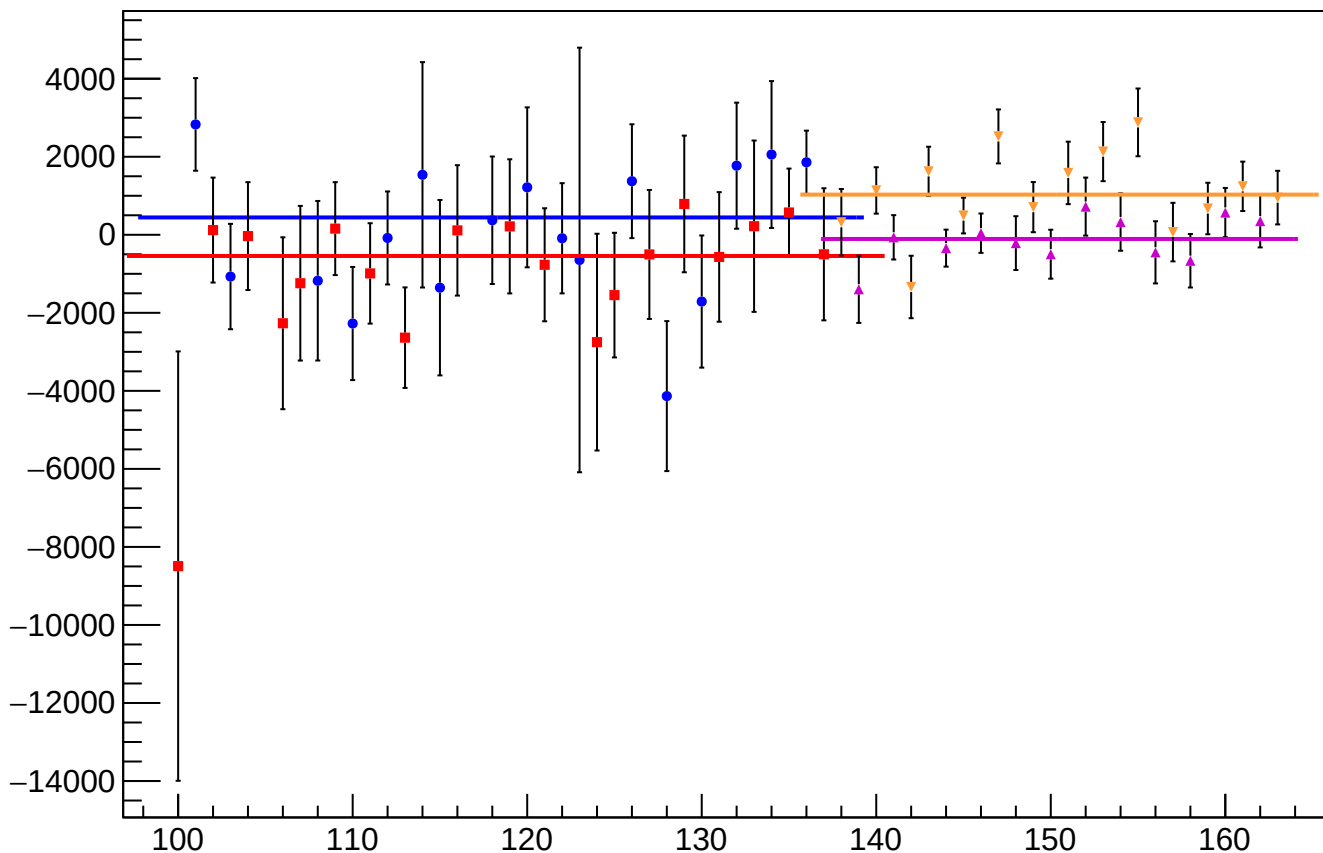
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 642.308+/-0.117 χ^2/NDF : 2520652.1/28

Out: 643.445+/-0.113 χ^2/NDF : 2894786.6/32

All: 642.896+/-0.081 χ^2/NDF : 5415487.8/61

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1029.810+/-180.025 χ^2/NDF : 25.8/13

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -107.033+/-183.983 χ^2/NDF : 7.0/11

Left: 473.751+/-128.674 χ^2/NDF : 52.4/25

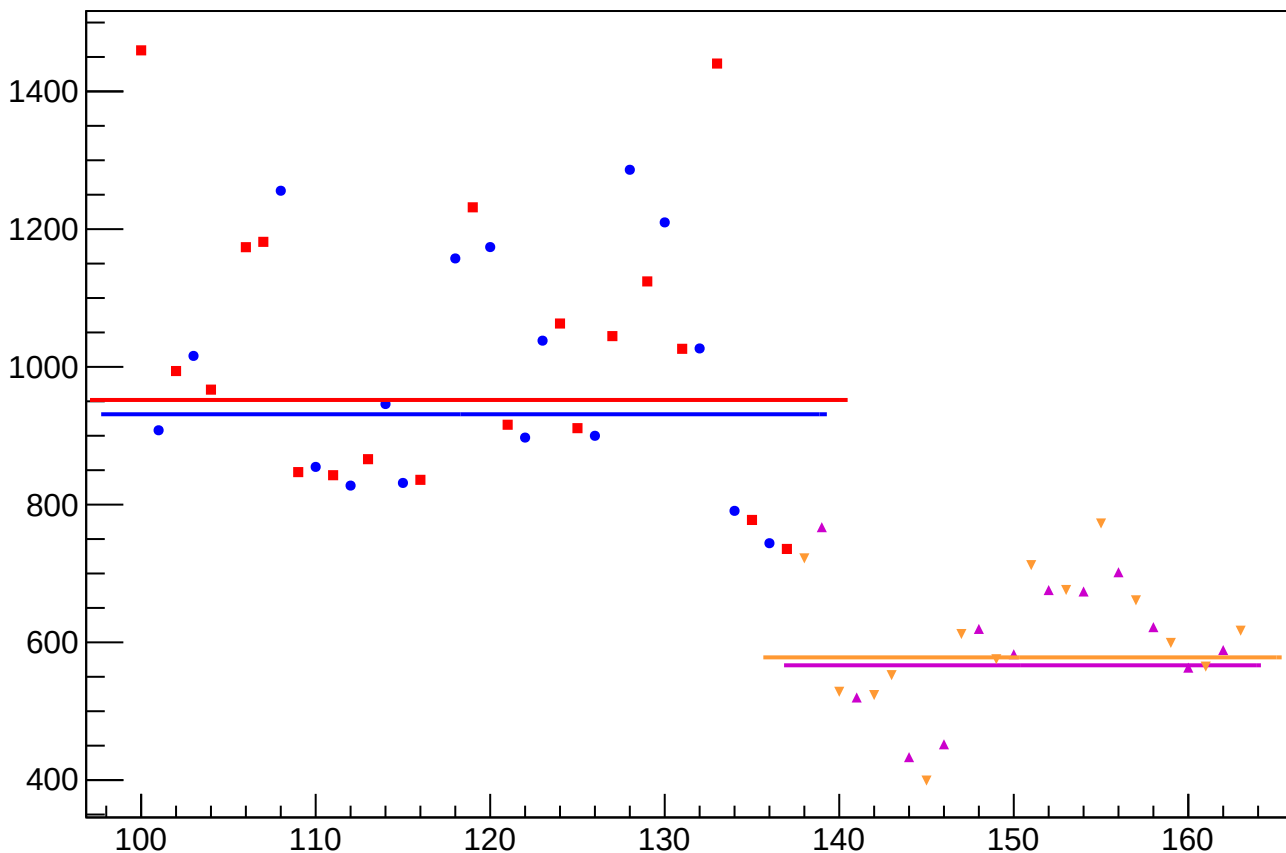
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 3.725+/-164.482 χ^2/NDF : 31.7/28

Out: 719.766+/-161.308 χ^2/NDF : 50.3/32

All: 368.720+/-115.168 χ^2/NDF : 91.7/61

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 578.197+/-0.127 χ^2/NDF : 616276.5/13

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 566.679+/-0.130 χ^2/NDF : 554924.3/11

Left: 572.563+/-0.091 χ^2/NDF : 1175205.2/25

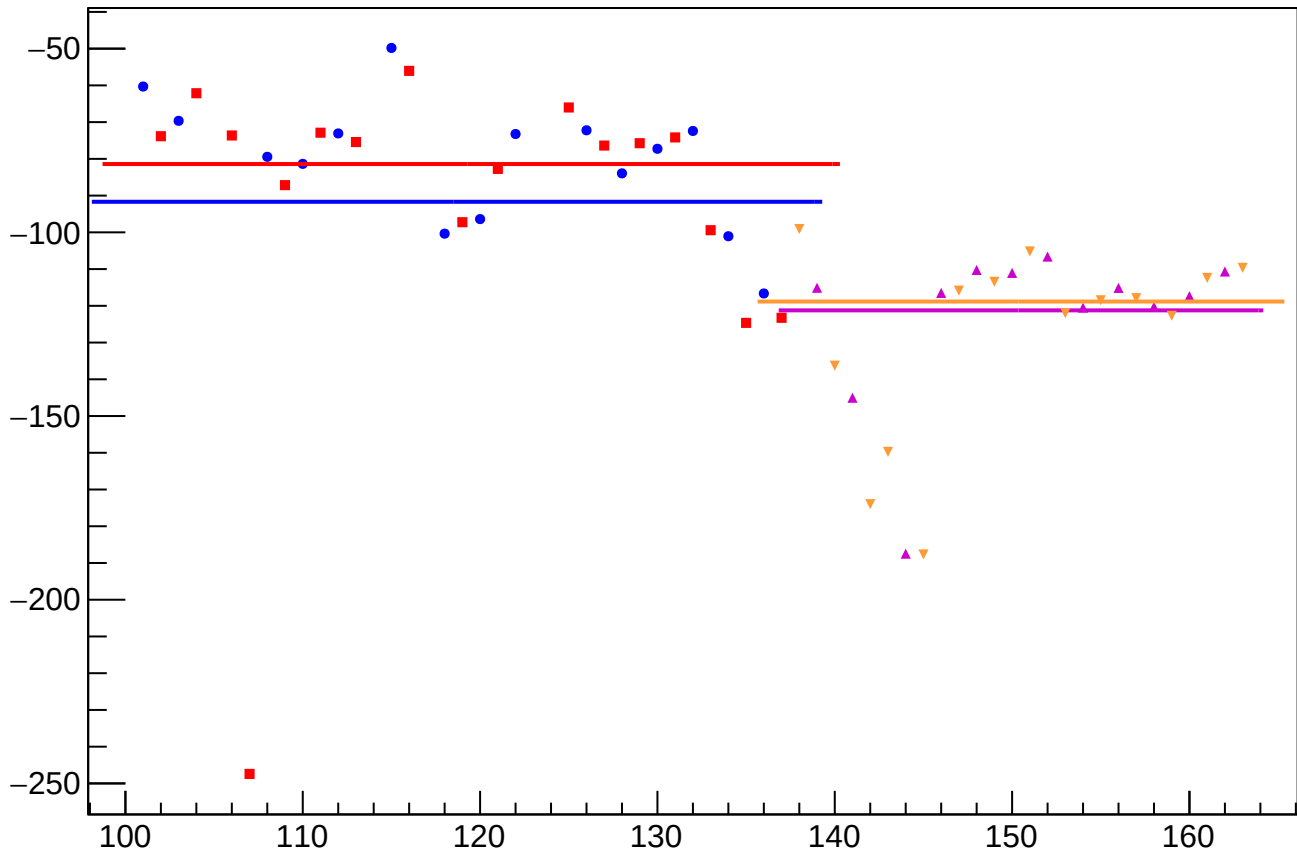
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 639.859+/-0.116 χ^2/NDF : 2531308.2/28

Out: 651.875+/-0.114 χ^2/NDF : 2698367.8/32

All: 645.984+/-0.081 χ^2/NDF : 5235116.7/61

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -118.833+/-0.074 χ^2/NDF : 26055.8/13

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -121.236+/-0.074 χ^2/NDF : 44720.3/11

Left: -120.021+/-0.052 χ^2/NDF : 71302.4/25

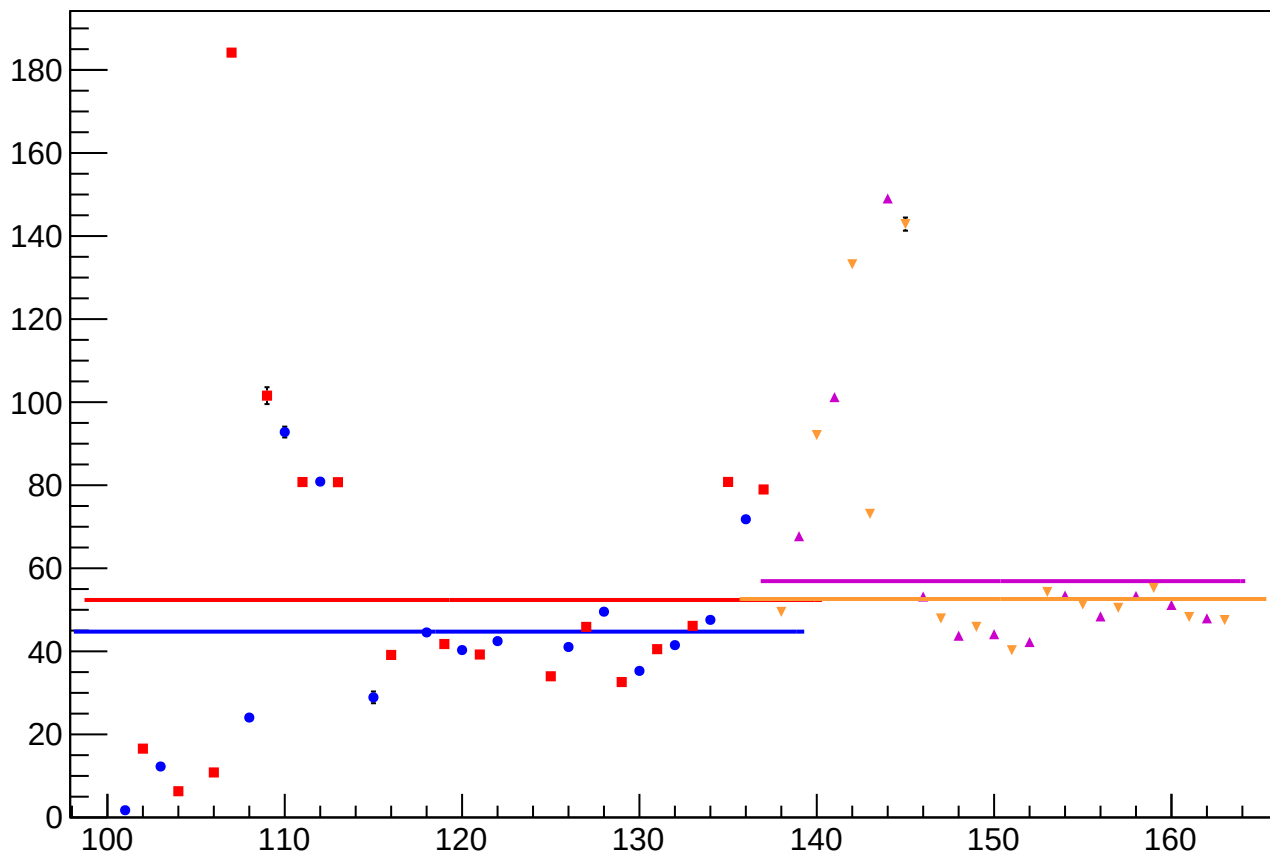
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -105.574+/-0.051 χ^2/NDF : 192832.8/26

Out: -105.411+/-0.059 χ^2/NDF : 160427.1/30

All: -105.504+/-0.039 χ^2/NDF : 353264.3/57

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 52.604+/-0.060 χ^2/NDF : 43426.6/13

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 56.905+/-0.064 χ^2/NDF : 108949.8/11

Left: 54.634+/-0.044 χ^2/NDF : 154762.5/25

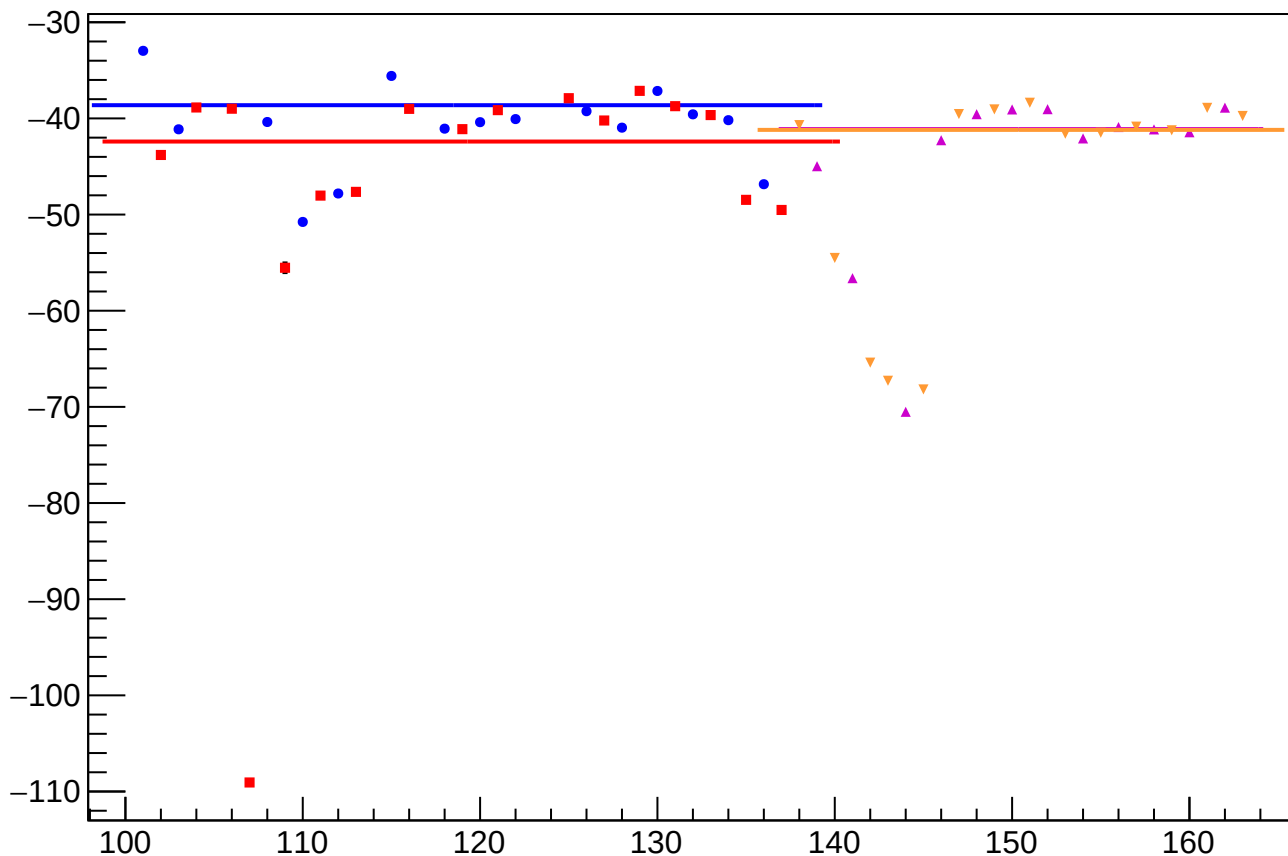
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.492+/-0.044 χ^2/NDF : 212698.1/26

Out: 52.551+/-0.053 χ^2/NDF : 112715.2/30

All: 51.327+/-0.034 χ^2/NDF : 326301.1/57

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.193 ± 0.009 χ^2/NDF : 190038.7/13

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.107 ± 0.010 χ^2/NDF : 149103.4/11

Left: -41.154 ± 0.007 χ^2/NDF : 339184.7/25

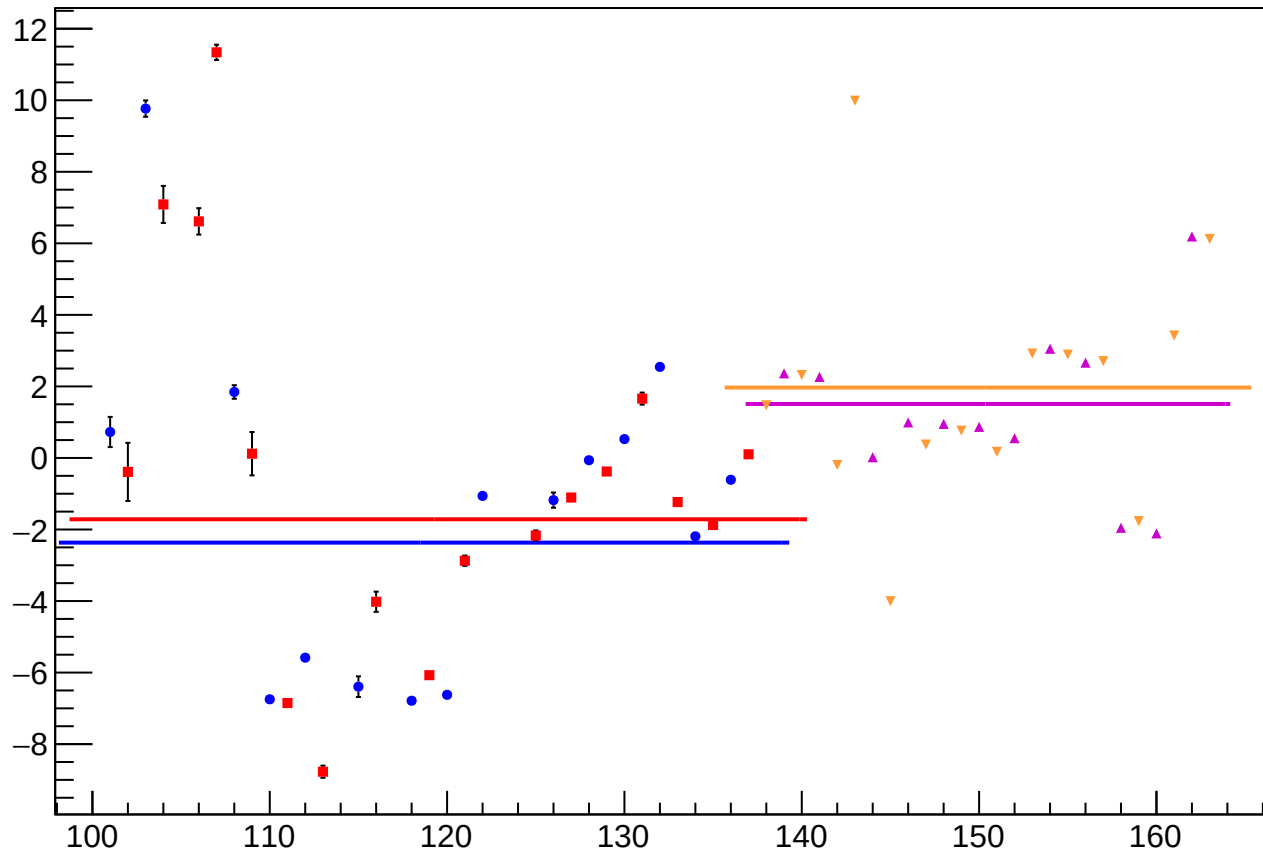
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.654 ± 0.006 χ^2/NDF : 426557.9/26

Out: -41.373 ± 0.008 χ^2/NDF : 461945.0/30

All: -40.296 ± 0.005 χ^2/NDF : 916076.6/57

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 $\pm$ 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.969 $\pm$ 0.009 χ^2/NDF : 71474.9/13

Right Out: -1.715 $\pm$ 0.027 χ^2/NDF : 12719.3/16

Left In: 1.509 $\pm$ 0.009 χ^2/NDF : 73076.2/11

Left: 1.719 $\pm$ 0.006 χ^2/NDF : 145866.8/25

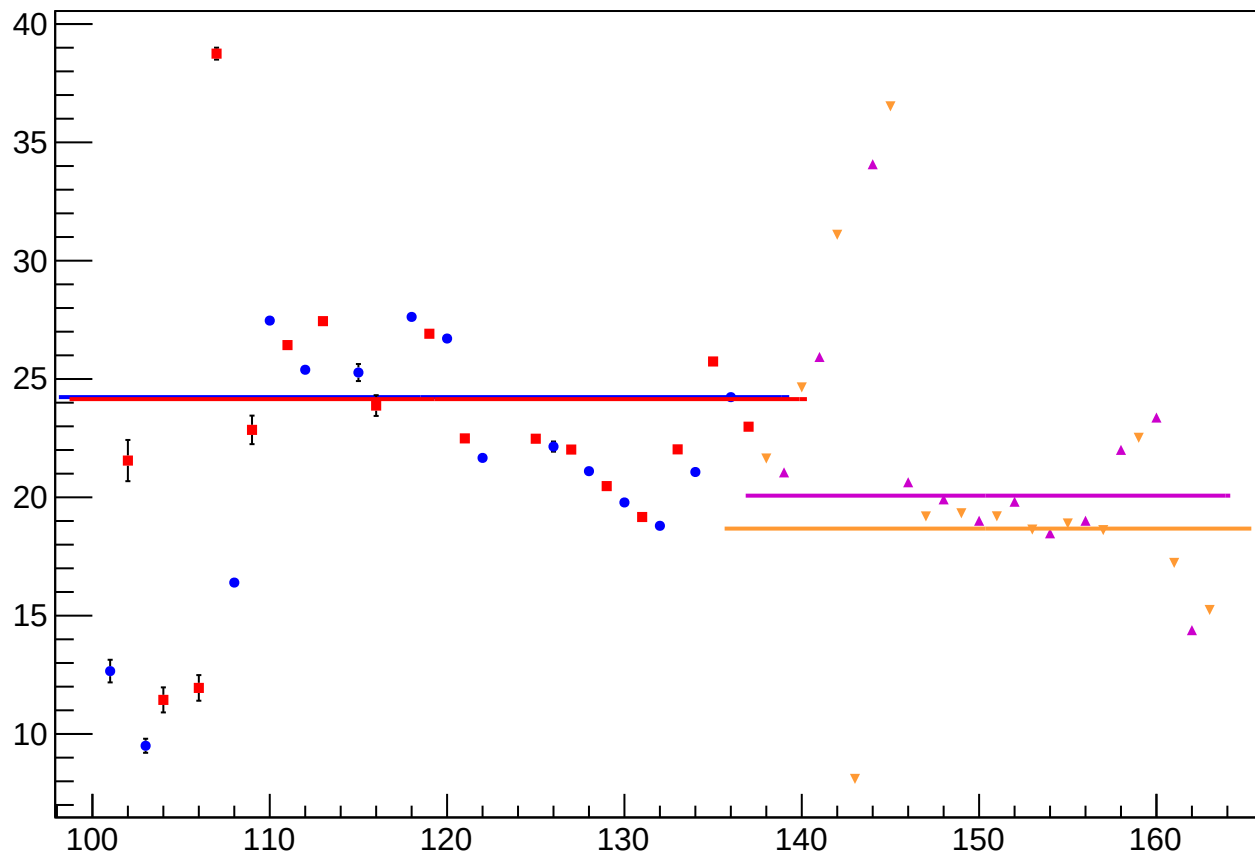
Right: -2.227 $\pm$ 0.012 χ^2/NDF : 41975.5/31

In: 0.466 $\pm$ 0.007 χ^2/NDF : 157313.2/26

Out: 1.575 $\pm$ 0.009 χ^2/NDF : 100825.3/30

All: 0.917 $\pm$ 0.006 χ^2/NDF : 267504.1/57

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.679 $\pm$ 0.009 χ^2 /NDF: 70509.1/13

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.071 $\pm$ 0.009 χ^2 /NDF: 83197.0/11

Left: 19.437 $\pm$ 0.006 χ^2 /NDF: 165523.8/25

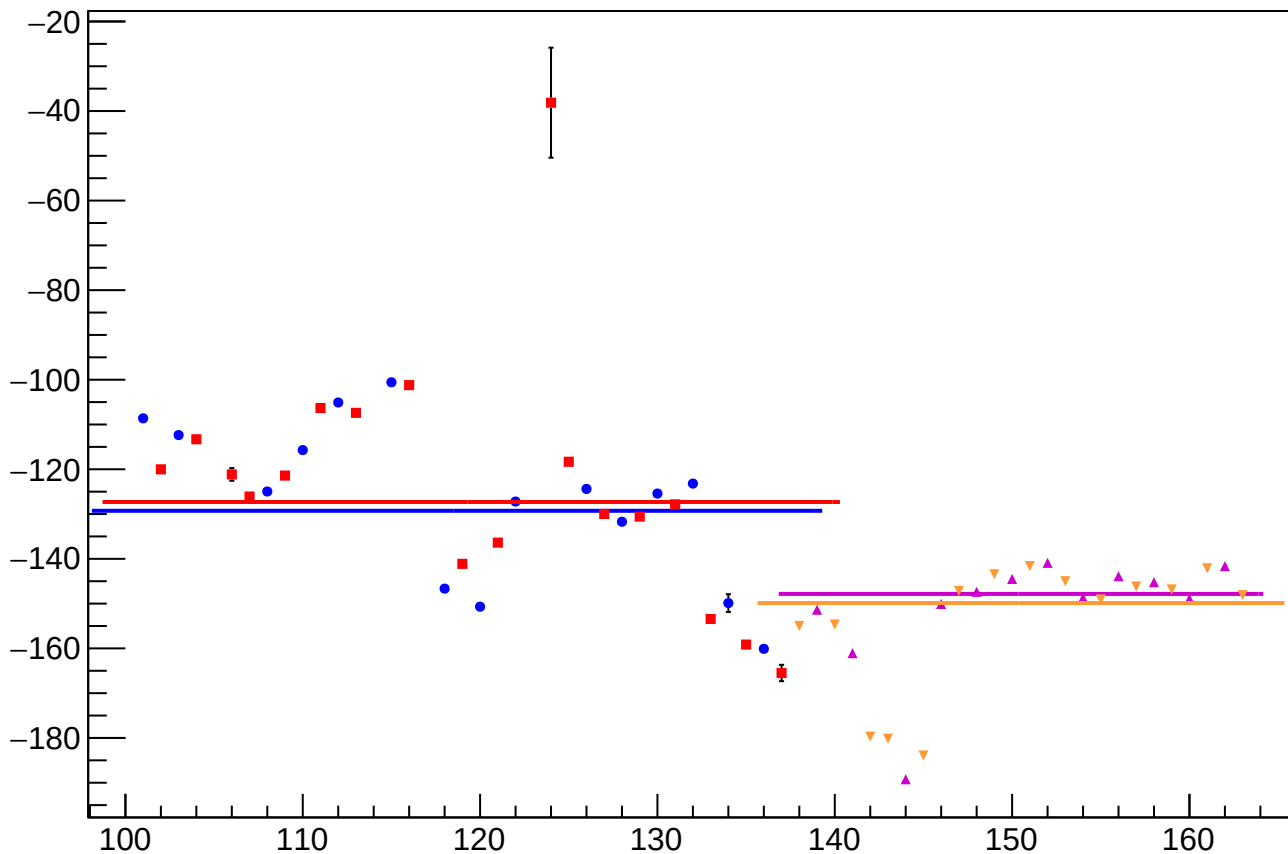
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.626 $\pm$ 0.008 χ^2 /NDF: 136084.3/26

Out: 19.394 $\pm$ 0.009 χ^2 /NDF: 127541.1/30

All: 20.066 $\pm$ 0.006 χ^2 /NDF: 274293.0/57

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -149.871 ± 0.064 χ^2/NDF : 27796.1/13

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -147.837 ± 0.059 χ^2/NDF : 22302.7/11

Left: -148.774 ± 0.043 χ^2/NDF : 50644.6/25

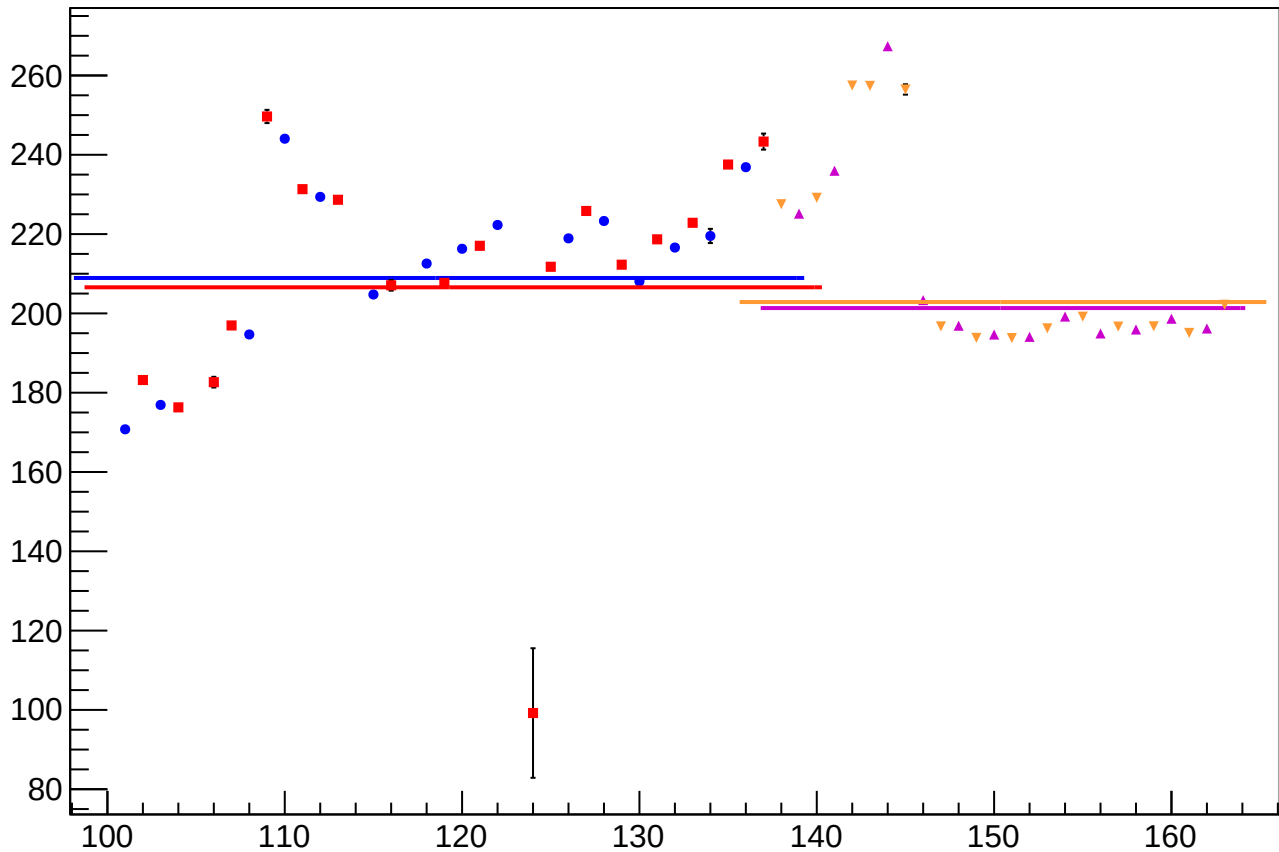
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -142.045 ± 0.049 χ^2/NDF : 88191.4/26

Out: -141.632 ± 0.051 χ^2/NDF : 102880.1/31

All: -141.847 ± 0.035 χ^2/NDF : 191105.7/58

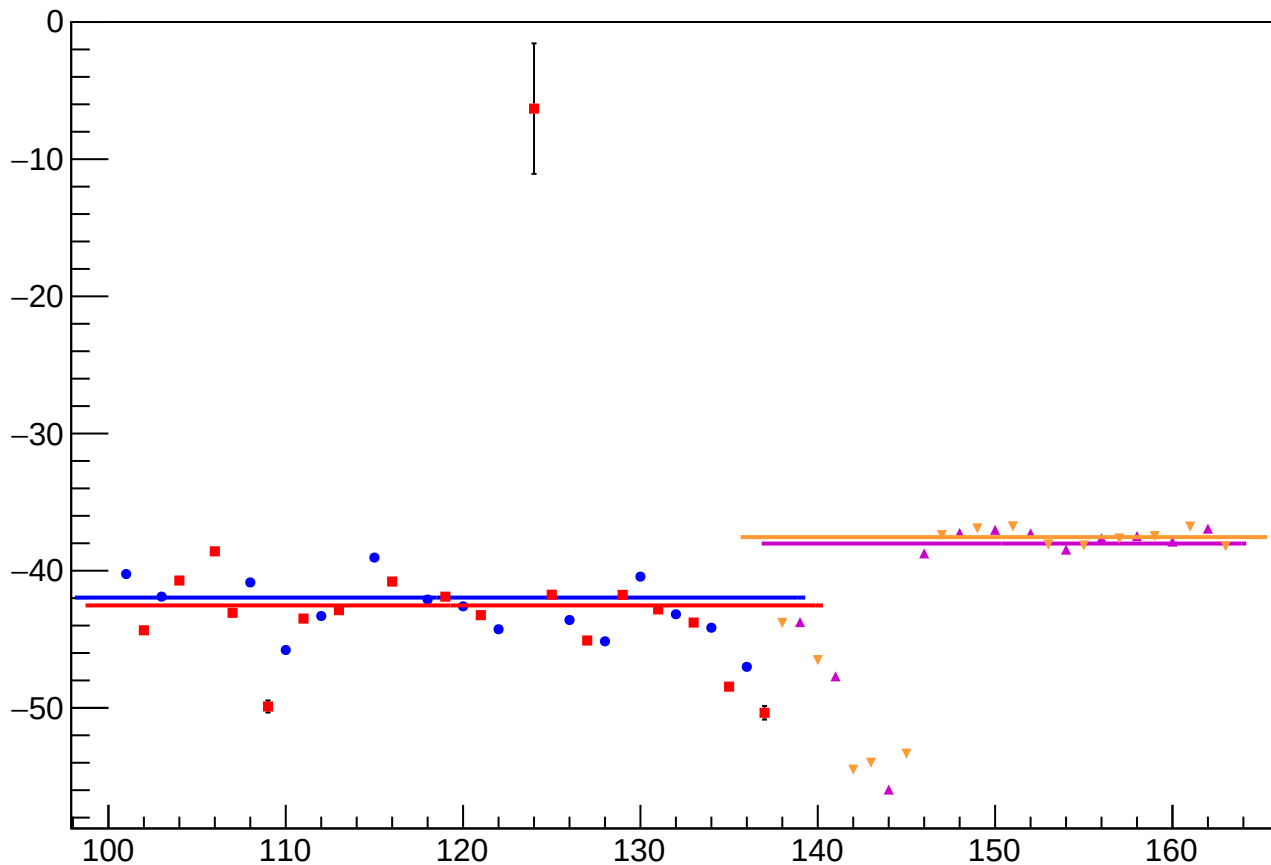
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14
 Left Out: 202.865 $\pm$ 0.052 χ^2/NDF :102951.1/13
 Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17
 Left In: 201.342 $\pm$ 0.051 χ^2/NDF :76146.0/11

Left: 202.083 $\pm$ 0.036 χ^2/NDF : 179533.7/25
 Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32
 In: 203.204 $\pm$ 0.044 χ^2/NDF :126297.3/26
 Out: 203.915 $\pm$ 0.044 χ^2/NDF :152593.4/31
 All: 203.559 $\pm$ 0.031 χ^2/NDF : 279020.0/58

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.552 ± 0.005 $\chi^2/\text{NDF}: 220724.0/13$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.021 ± 0.005 $\chi^2/\text{NDF}: 132460.6/11$

Left: -37.756 ± 0.003 $\chi^2/\text{NDF}: 357635.4/25$

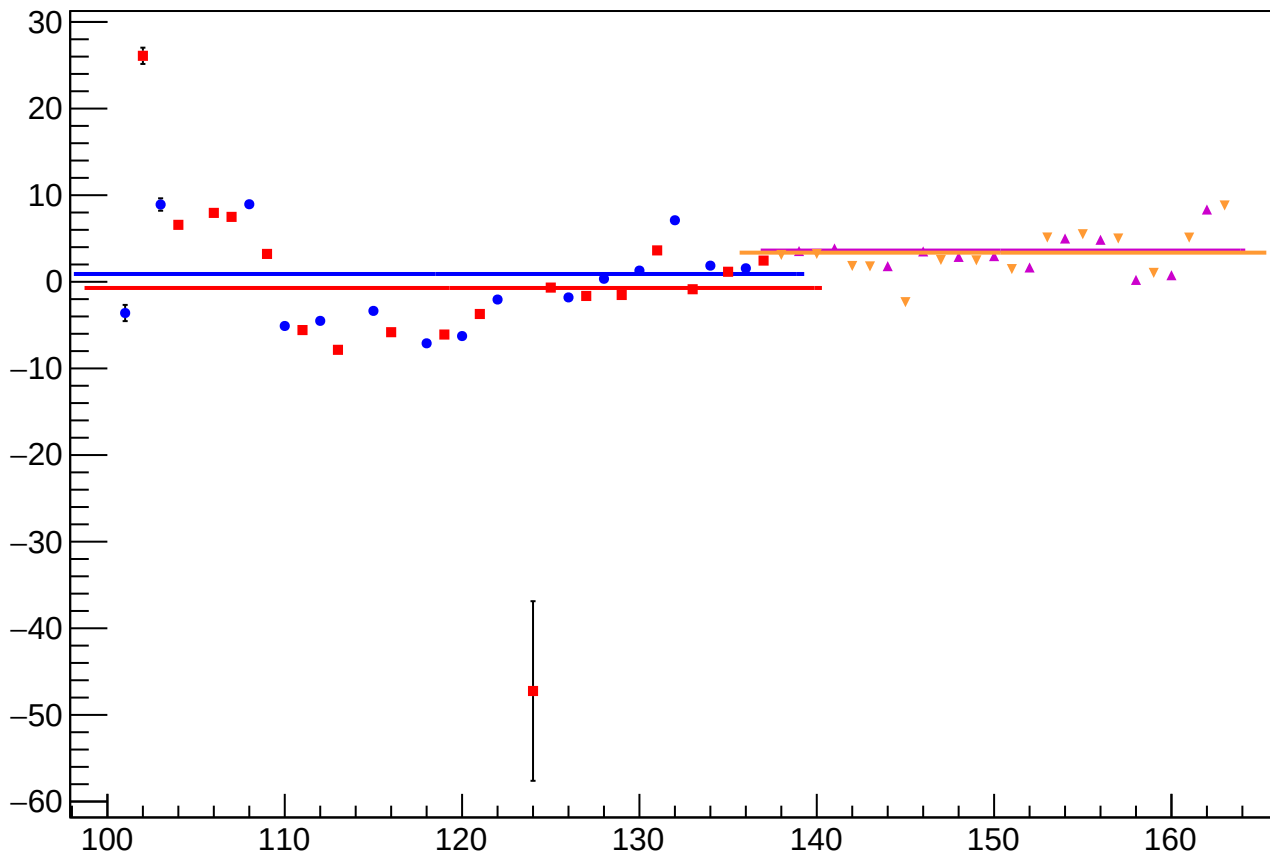
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.424 ± 0.005 $\chi^2/\text{NDF}: 213859.3/26$

Out: -37.791 ± 0.005 $\chi^2/\text{NDF}: 282204.3/31$

All: -38.076 ± 0.003 $\chi^2/\text{NDF}: 504901.3/58$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903+/-0.020 χ^2/NDF : 21140.4/14

Left Out: 3.367+/-0.009 χ^2/NDF : 72505.2/13

Right Out: -0.711+/-0.024 χ^2/NDF : 30723.8/17

Left In: 3.607+/-0.009 χ^2/NDF : 60738.0/11

Left: 3.491+/-0.006 χ^2/NDF : 133617.6/25

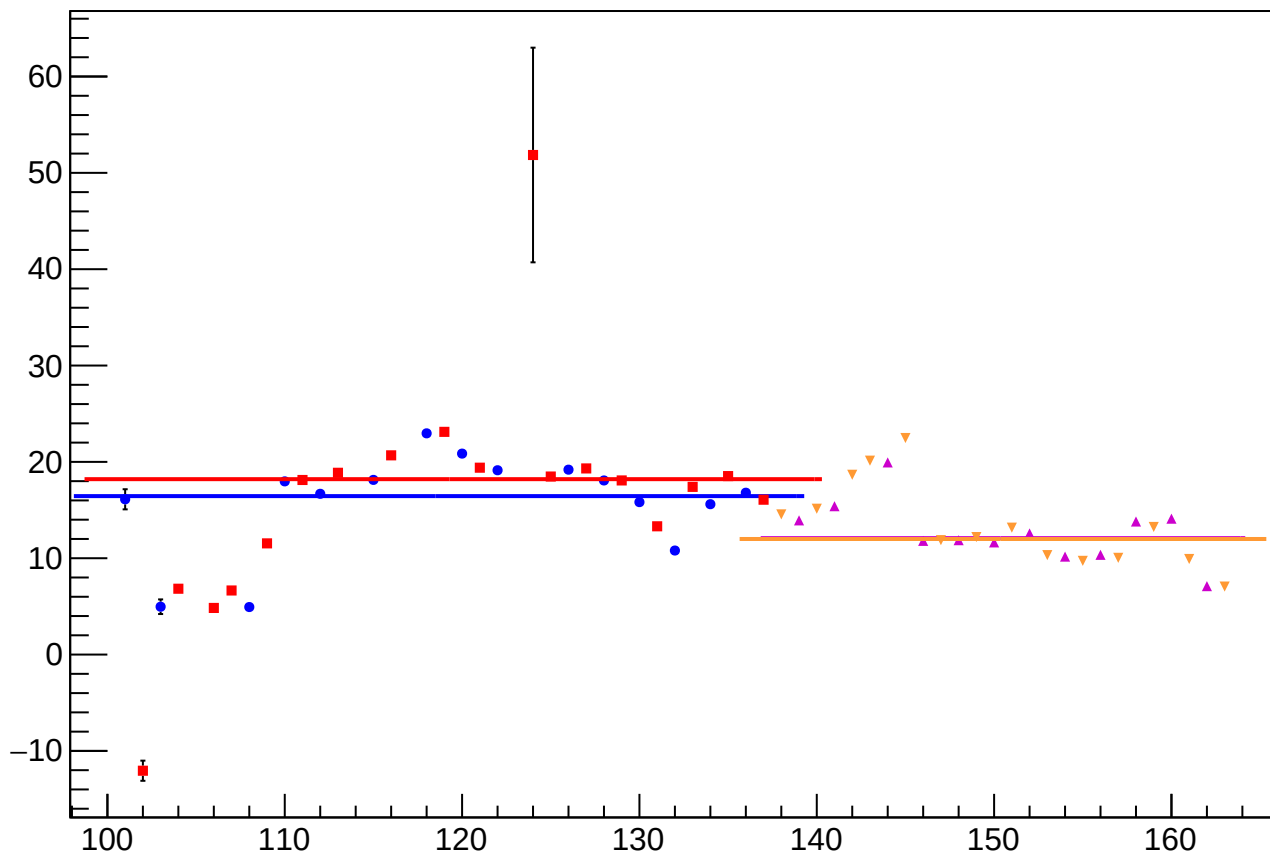
Right: 0.250+/-0.015 χ^2/NDF : 54492.0/32

In: 3.185+/-0.008 χ^2/NDF : 97233.1/26

Out: 2.883+/-0.008 χ^2/NDF : 128047.4/31

All: 3.042+/-0.006 χ^2/NDF : 225967.0/58

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447+/-0.024 χ^2/NDF : 14183.1/14

Left Out: 11.997+/-0.010 χ^2/NDF : 86605.0/13

Right Out: 18.207+/-0.020 χ^2/NDF : 27493.7/17

Left In: 12.087+/-0.011 χ^2/NDF : 43469.2/11

Left: 12.041+/-0.007 χ^2/NDF : 130111.8/25

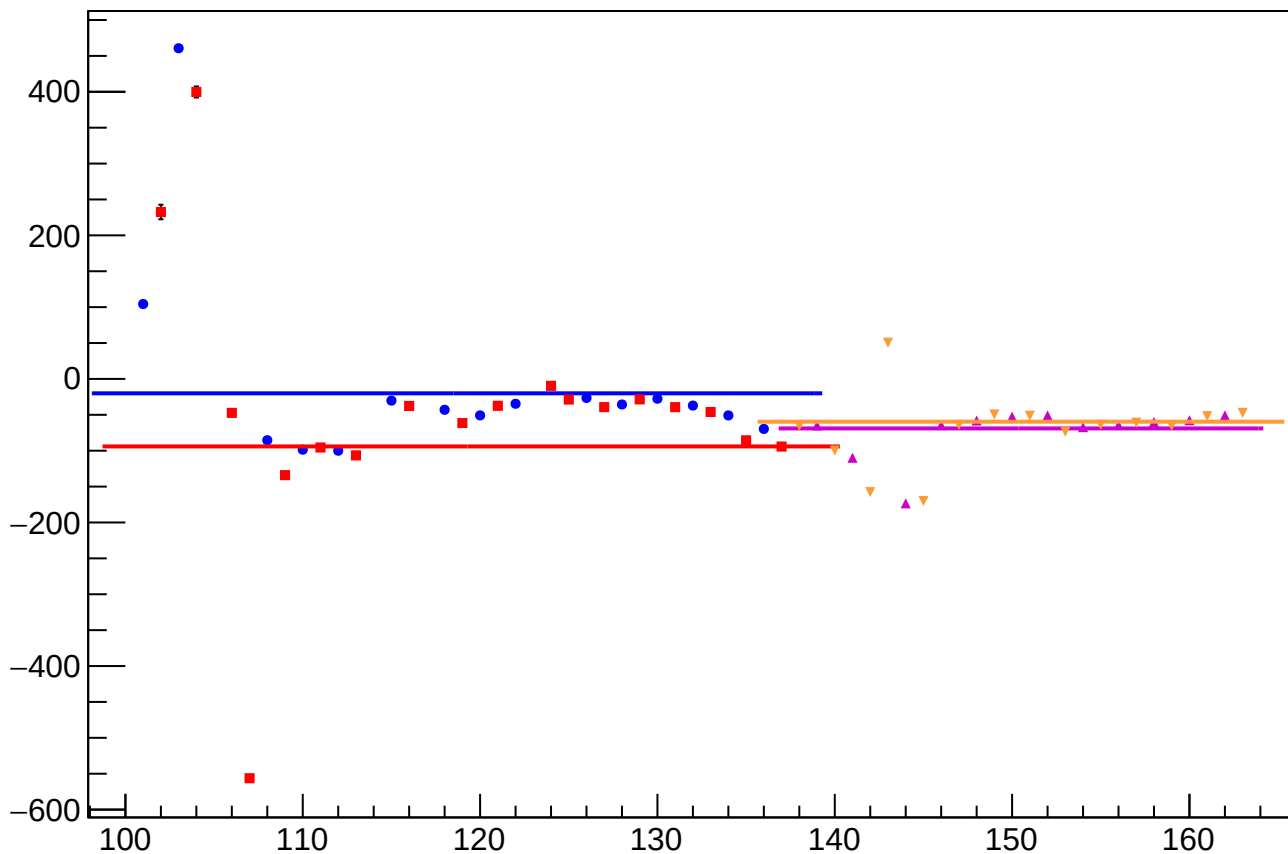
Right: 17.482+/-0.016 χ^2/NDF : 44731.9/32

In: 12.775+/-0.010 χ^2/NDF : 84524.8/26

Out: 13.241+/-0.009 χ^2/NDF : 187967.9/31

All: 13.022+/-0.007 χ^2/NDF : 273712.9/58

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -59.598+/-0.125 χ^2/NDF : 46138.8/13

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -68.992+/-0.147 χ^2/NDF : 37368.2/11

Left: -63.563+/-0.095 χ^2/NDF : 85878.6/25

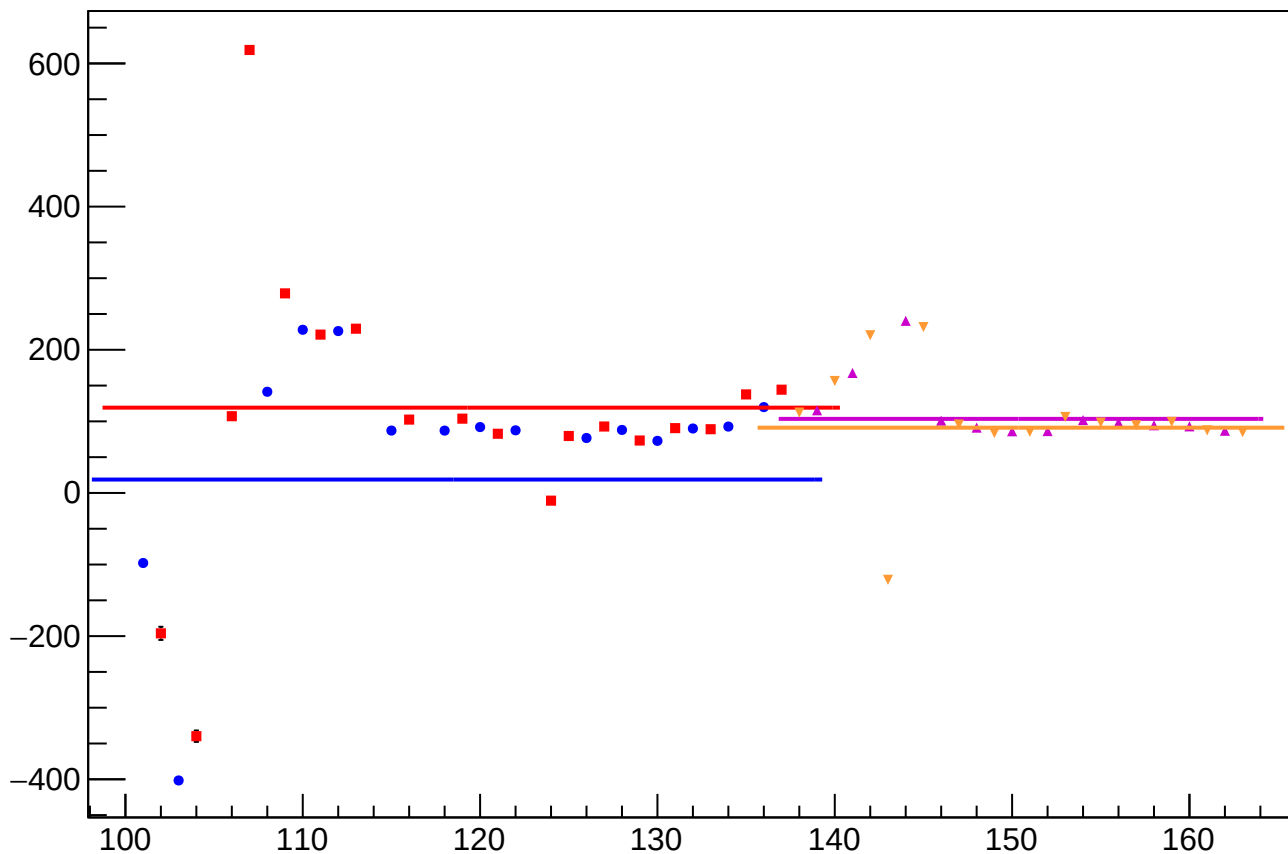
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -45.585+/-0.106 χ^2/NDF : 532087.4/26

Out: -93.714+/-0.012 χ^2/NDF : 208456.9/31

All: -93.066+/-0.012 χ^2/NDF : 944234.9/58

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2/NDF : 1101803.8/14

Left Out: 91.189 $\pm$ 0.106 χ^2/NDF :167690.1/13

Right Out: 119.167 $\pm$ 0.199 χ^2/NDF : 87450.0/17

Left In: 103.486 $\pm$ 0.126 χ^2/NDF :58533.1/11

Left: 96.267 $\pm$ 0.081 χ^2/NDF : 231803.7/25

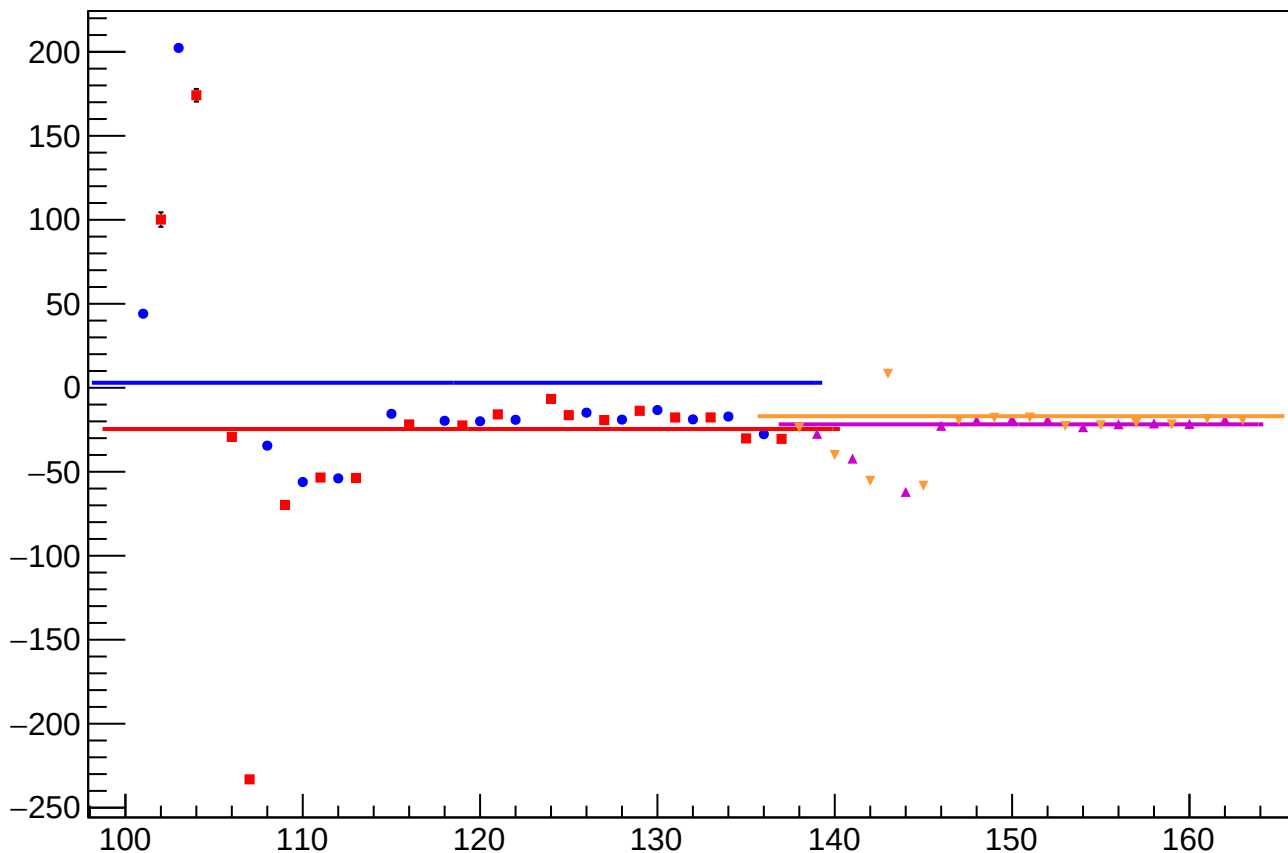
Right: 55.701 $\pm$ 0.121 χ^2/NDF : 1349806.5/32

In: 68.946 $\pm$ 0.097 χ^2/NDF :1344359.7/26

Out: 97.341 $\pm$ 0.093 χ^2/NDF :270521.5/31

All: 83.688 $\pm$ 0.067 χ^2/NDF : 1659294.2/58

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.899 ± 0.015 $\chi^2/\text{NDF}: 570013.4/13$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -21.772 ± 0.018 $\chi^2/\text{NDF}: 121765.5/11$

Left: -18.923 ± 0.011 $\chi^2/\text{NDF}: 736406.8/25$

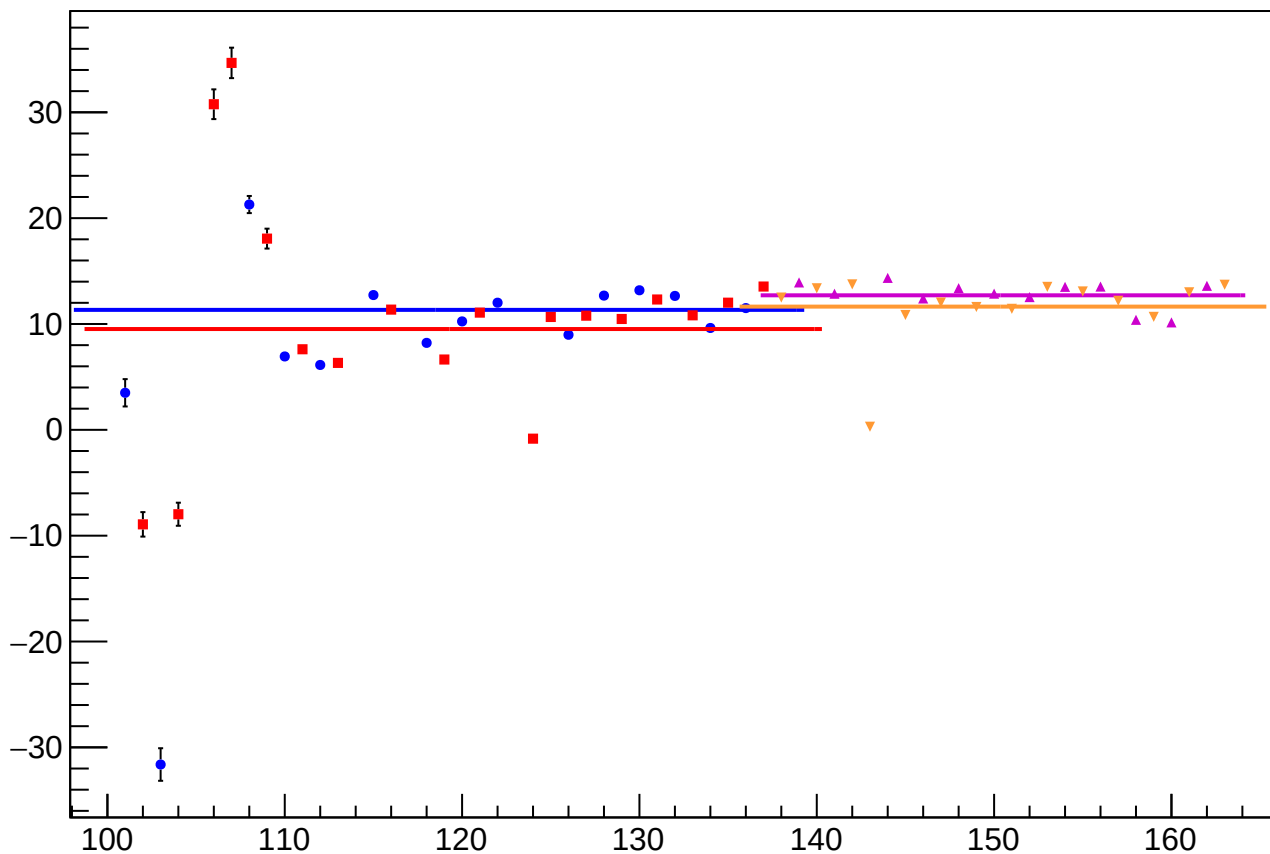
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.322 ± 0.015 $\chi^2/\text{NDF}: 4211583.1/26$

Out: -17.693 ± 0.014 $\chi^2/\text{NDF}: 773937.4/31$

All: -16.086 ± 0.010 $\chi^2/\text{NDF}: 5012872.8/58$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.642 $\pm$ 0.019 χ^2 /NDF:30087.4/13

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.710 $\pm$ 0.017 χ^2 /NDF:4791.9/11

Left: 12.231 $\pm$ 0.013 χ^2 /NDF: 36645.3/25

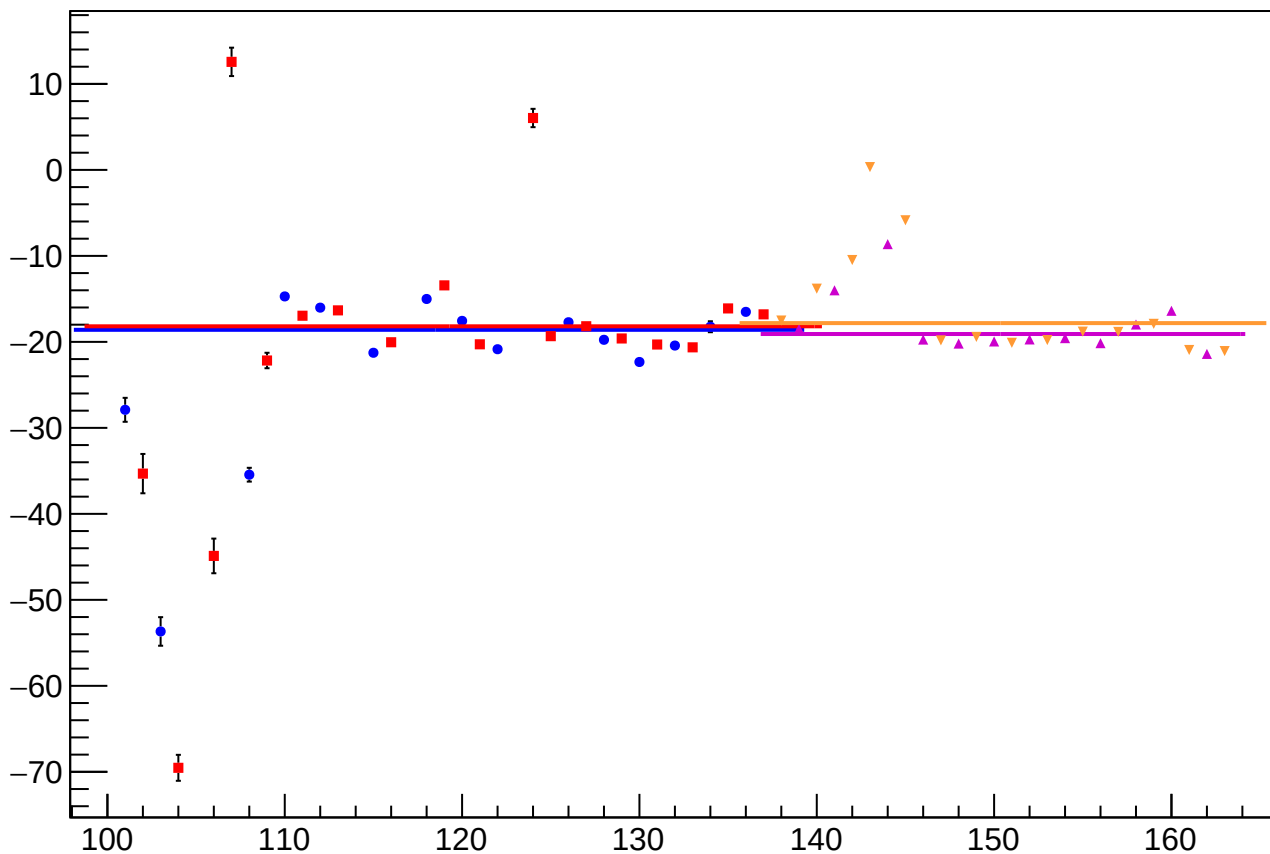
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.473 $\pm$ 0.015 χ^2 /NDF:8320.3/26

Out: 11.359 $\pm$ 0.018 χ^2 /NDF:35841.0/31

All: 11.986 $\pm$ 0.012 χ^2 /NDF: 46426.7/58

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -17.816 ± 0.021 $\chi^2/\text{NDF}: 47412.6/13$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.085 ± 0.020 $\chi^2/\text{NDF}: 8507.3/11$

Left: -18.487 ± 0.014 $\chi^2/\text{NDF}: 57829.0/25$

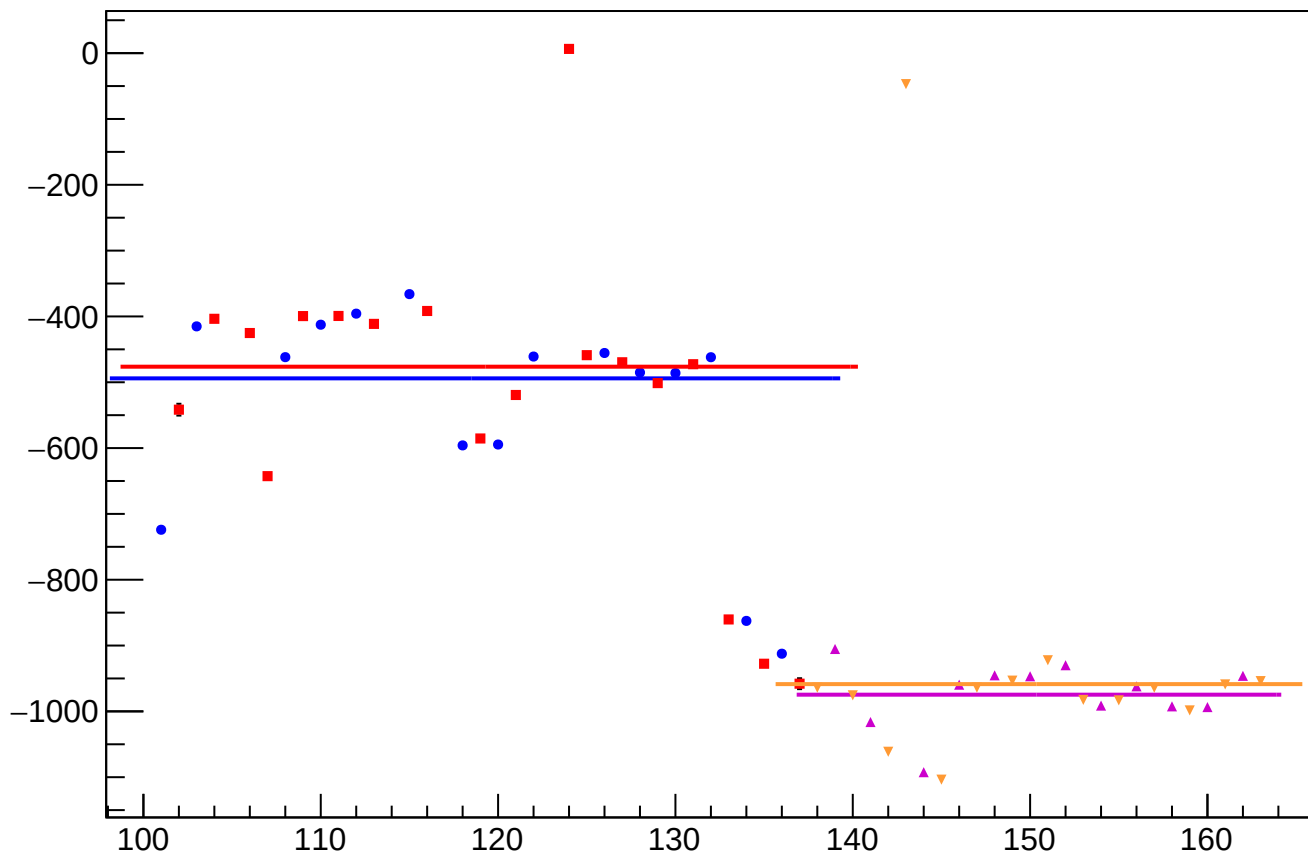
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.976 ± 0.018 $\chi^2/\text{NDF}: 14830.6/26$

Out: -17.874 ± 0.019 $\chi^2/\text{NDF}: 52341.8/31$

All: -18.479 ± 0.013 $\chi^2/\text{NDF}: 68943.8/58$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -958.598 ± 0.210 $\chi^2/\text{NDF}: 312227.3/13$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -974.647 ± 0.202 $\chi^2/\text{NDF}: 24462.0/11$

Left: -966.948 ± 0.146 $\chi^2/\text{NDF}: 339721.8/25$

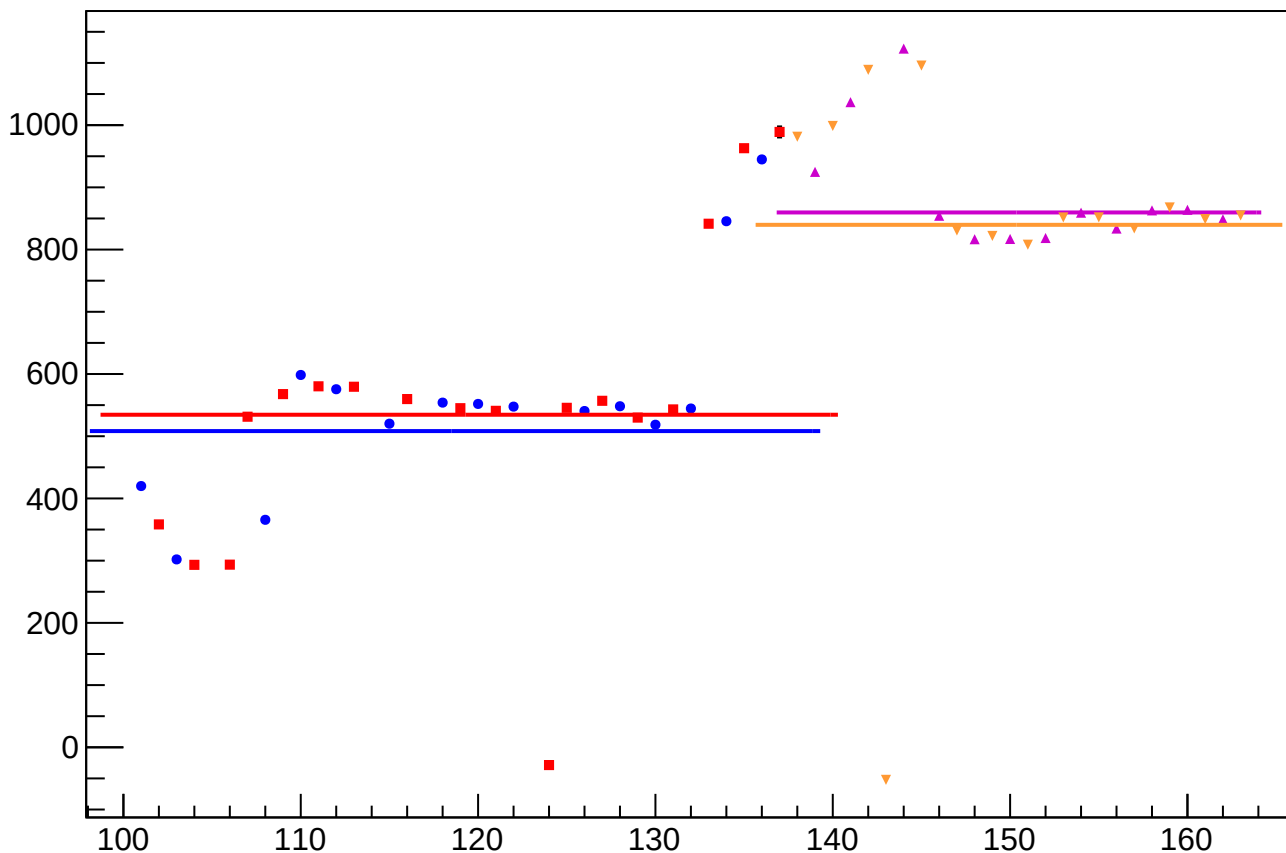
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -767.685 ± 0.152 $\chi^2/\text{NDF}: 2791259.1/26$

Out: -686.996 ± 0.139 $\chi^2/\text{NDF}: 3870383.8/31$

All: -723.641 ± 0.103 $\chi^2/\text{NDF}: 6814830.9/58$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 839.782 $\pm$ 0.166 χ^2 /NDF:414649.3/13

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 859.662 $\pm$ 0.173 χ^2 /NDF:86625.0/11

Left: 849.274 $\pm$ 0.120 χ^2 /NDF: 508142.3/25

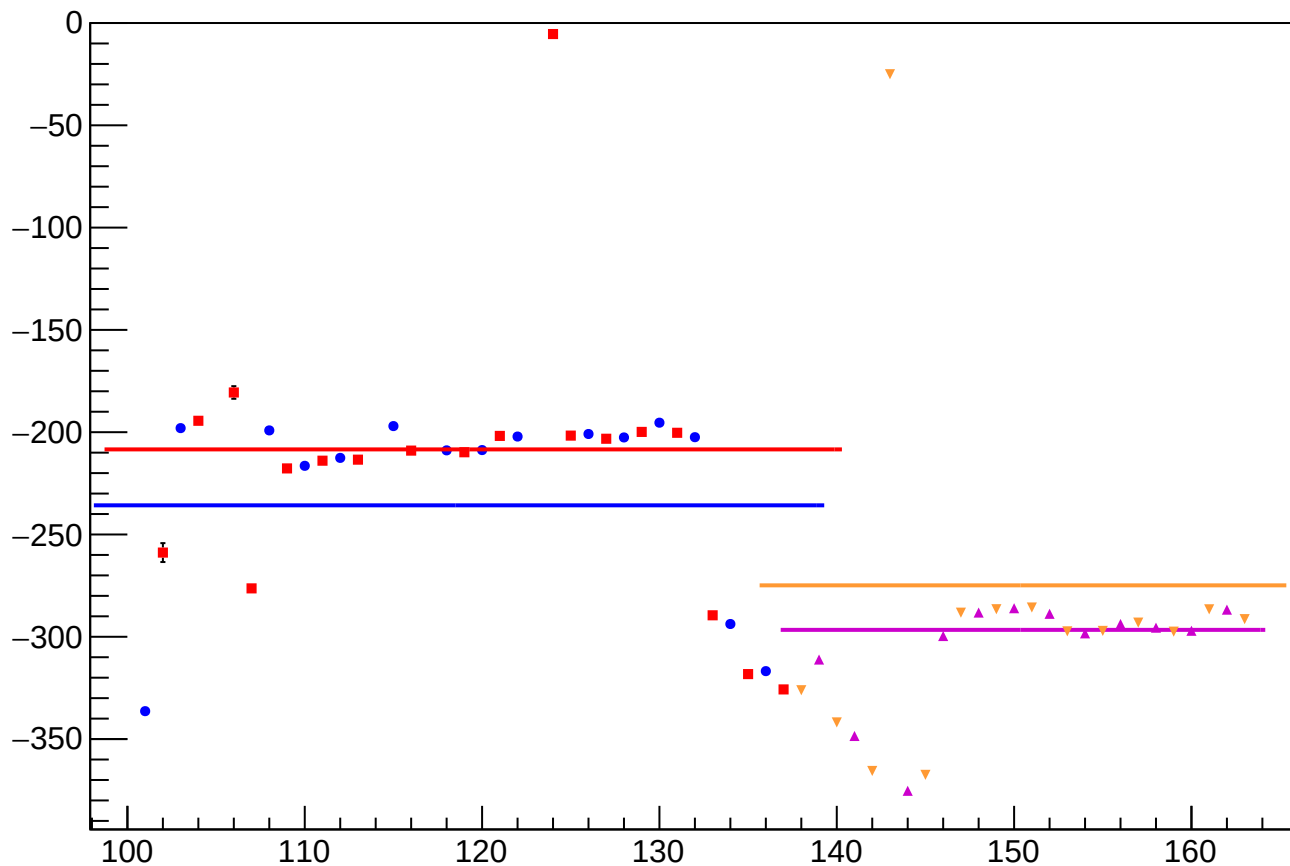
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 726.271 $\pm$ 0.137 χ^2 /NDF:2085112.7/26

Out: 727.414 $\pm$ 0.132 χ^2 /NDF:2031205.6/31

All: 726.863 $\pm$ 0.095 χ^2 /NDF: 4116354.6/58

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 χ^2/NDF : 876219.5/14

Left Out: -274.863 ± 0.028 χ^2/NDF : 6330077.7/13

Right Out: -208.413 ± 0.047 χ^2/NDF : 375009.3/17

Left In: -296.621 ± 0.028 χ^2/NDF : 246760.3/11

Left: -285.618 ± 0.020 χ^2/NDF : 6884434.6/25

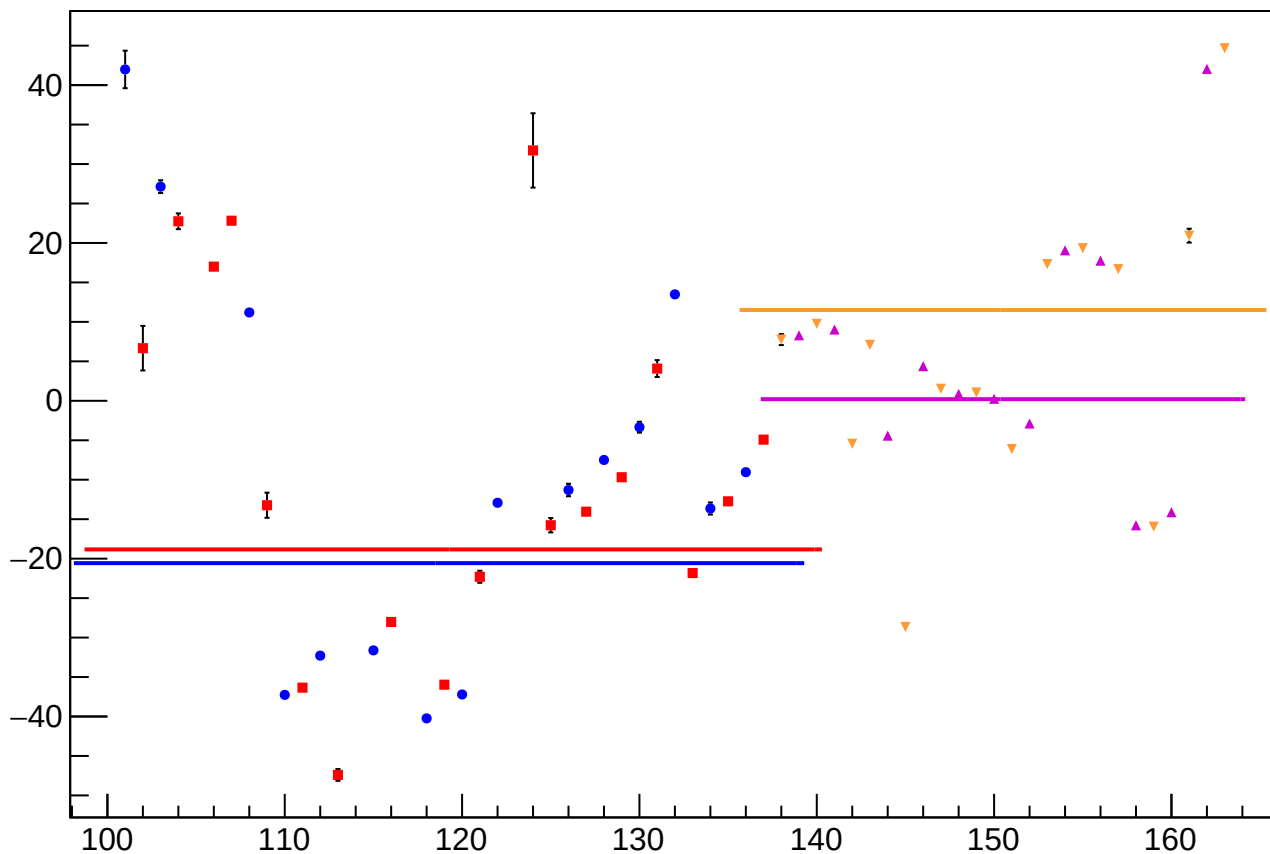
Right: -219.823 ± 0.036 χ^2/NDF : 1393978.3/32

In: -284.244 ± 0.025 χ^2/NDF : 2090987.9/26

Out: -257.702 ± 0.024 χ^2/NDF : 8204024.3/31

All: -270.348 ± 0.017 χ^2/NDF : 10889799.1/5

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 11.507 ± 0.029 χ^2/NDF : 429004.9/13

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 0.208 ± 0.023 χ^2/NDF : 573841.9/11

Left: 4.582 ± 0.018 χ^2/NDF : 1095214.5/25

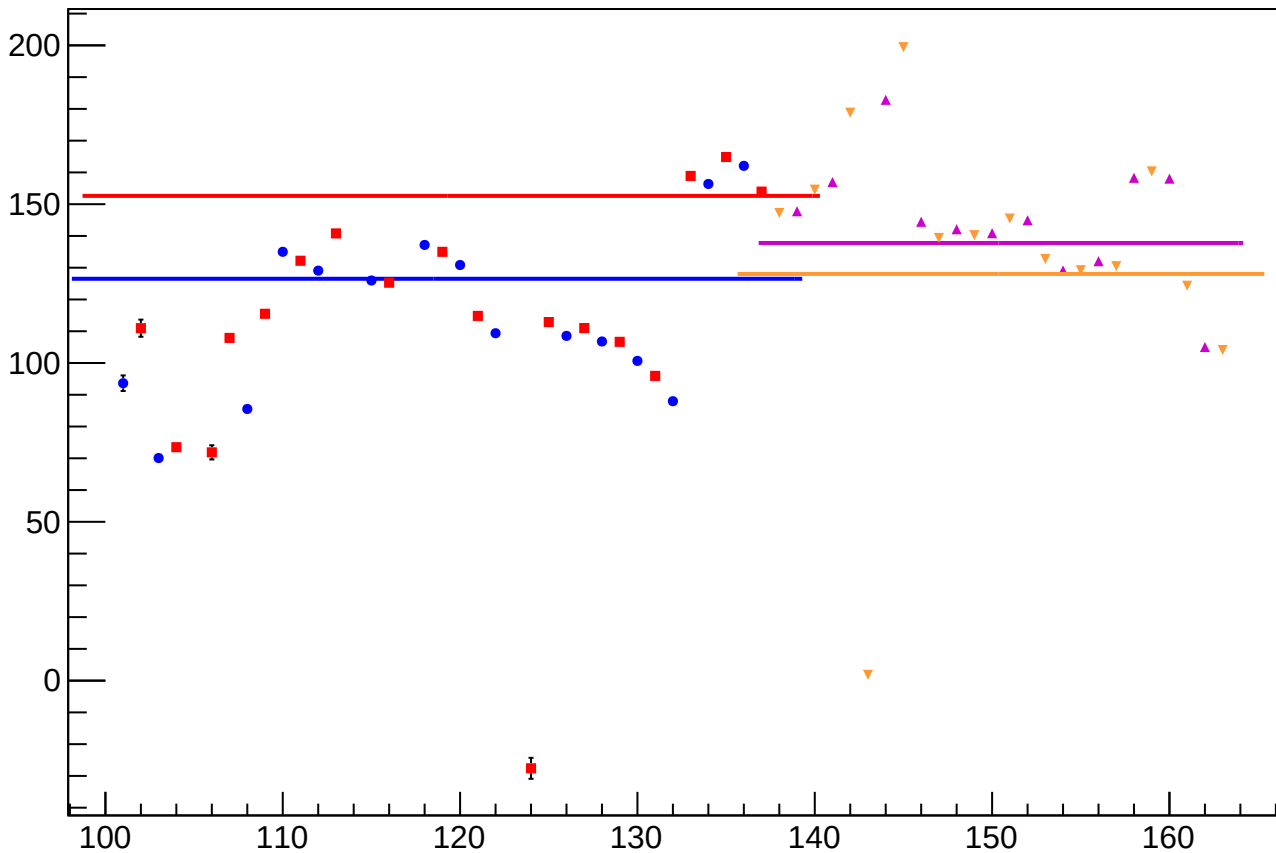
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -1.769 ± 0.022 χ^2/NDF : 713998.9/26

Out: 9.453 ± 0.028 χ^2/NDF : 523417.7/31

All: 2.496 ± 0.017 χ^2/NDF : 1336274.4/58

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 128.042 $\pm$ 0.036 χ^2 /NDF: 602023.0/13

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.790 $\pm$ 0.030 χ^2 /NDF: 348357.6/11

Left: 133.709 $\pm$ 0.023 χ^2 /NDF: 993673.1/25

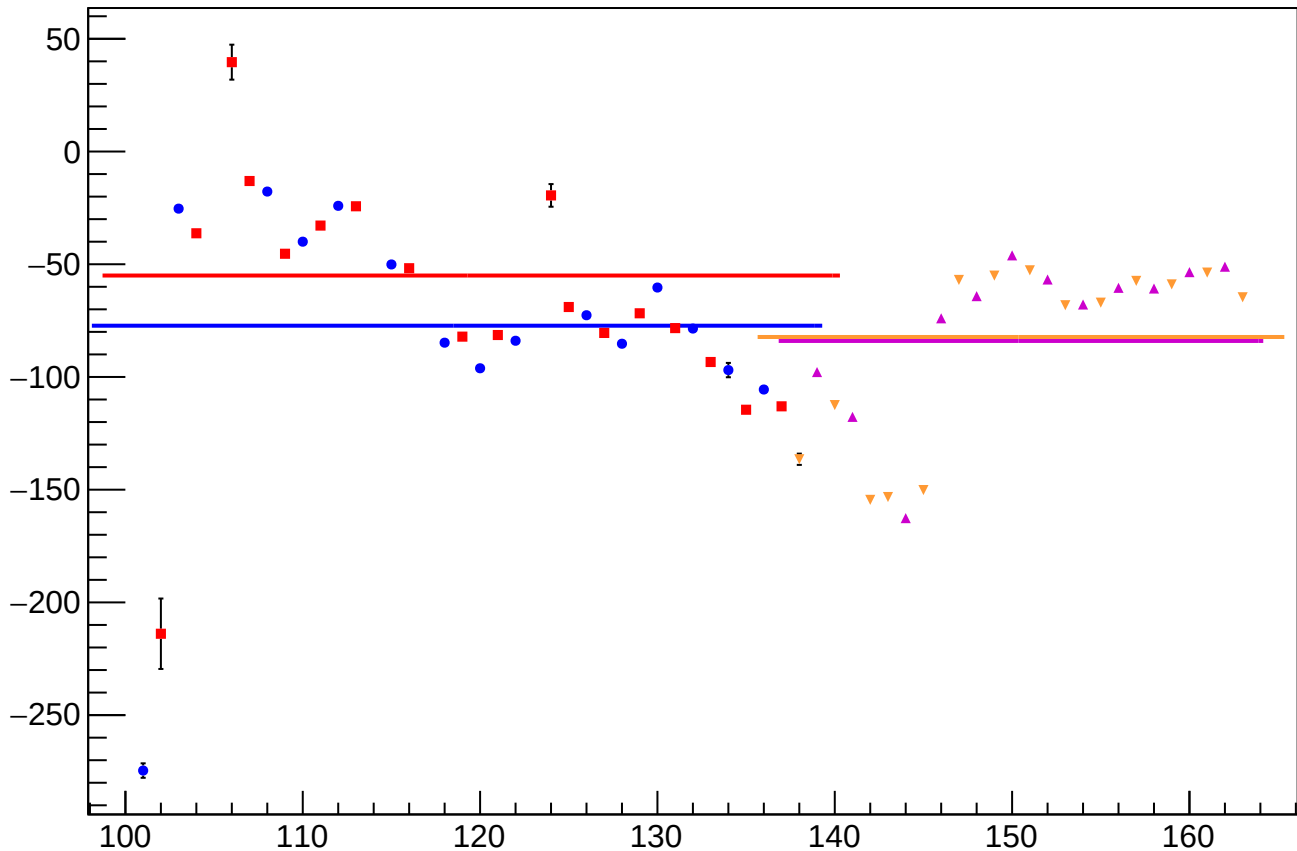
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.491 $\pm$ 0.029 χ^2 /NDF: 479259.4/26

Out: 142.316 $\pm$ 0.023 χ^2 /NDF: 950954.3/31

All: 140.004 $\pm$ 0.018 χ^2 /NDF: 1455387.0/58

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -82.268 ± 0.155 χ^2/NDF : 56642.7/13

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -84.024 ± 0.154 χ^2/NDF : 57205.3/11

Left: -83.148 ± 0.109 χ^2/NDF : 113912.5/25

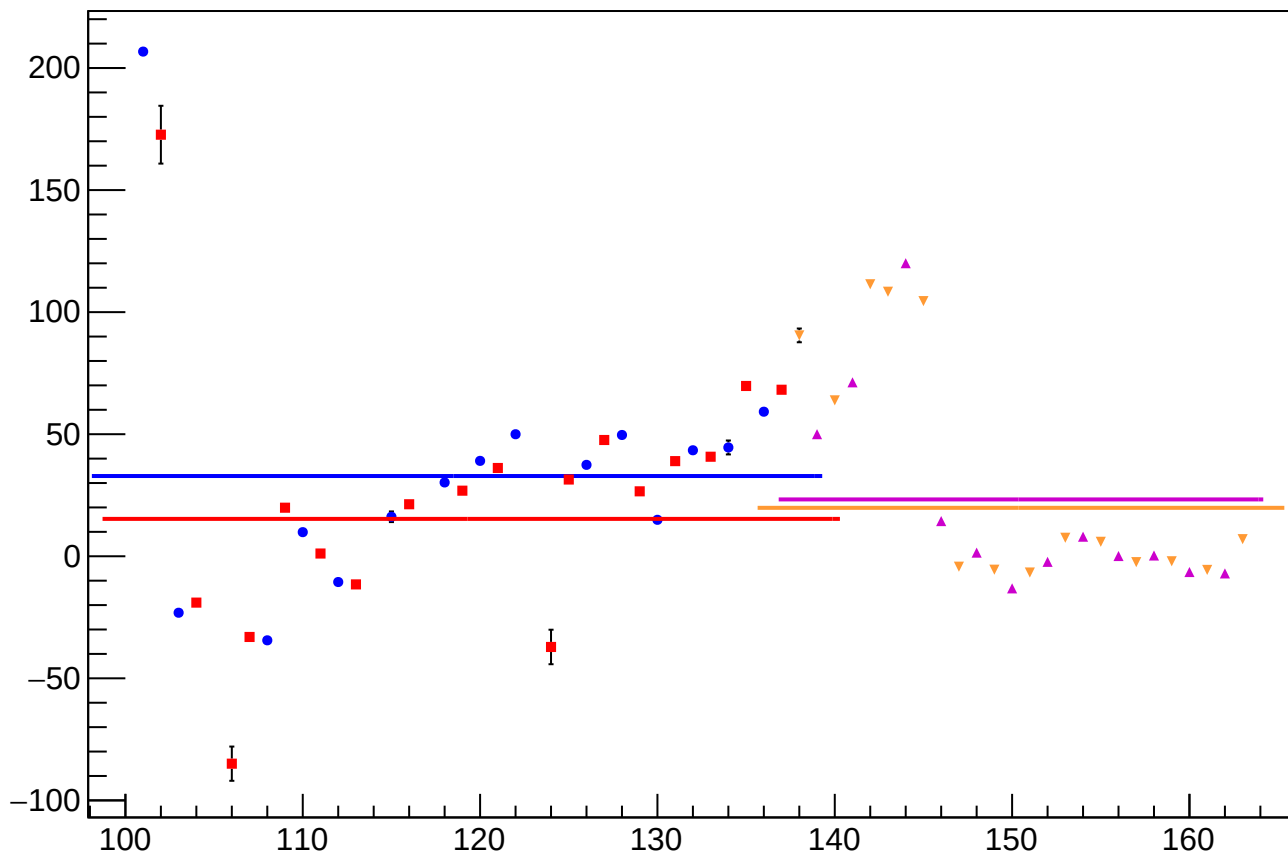
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.463 ± 0.106 χ^2/NDF : 88571.4/26

Out: -71.410 ± 0.120 χ^2/NDF : 92626.3/31

All: -76.486 ± 0.080 χ^2/NDF : 184385.4/58

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 19.841 $\pm$ 0.134 χ^2 /NDF:88904.7/13

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 23.284 $\pm$ 0.136 χ^2 /NDF:86342.6/11

Left: 21.530 $\pm$ 0.095 χ^2 /NDF: 175573.4/25

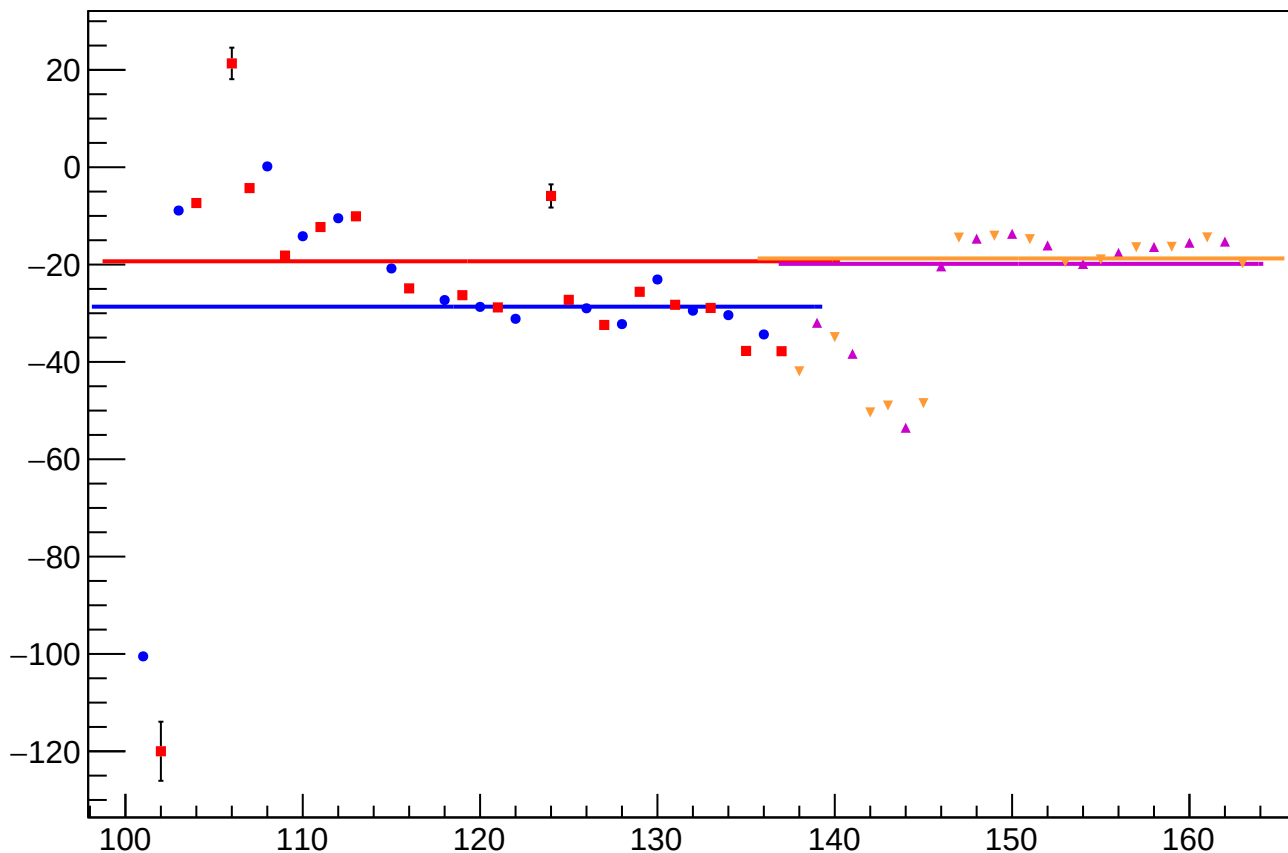
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 27.738 $\pm$ 0.100 χ^2 /NDF:120042.9/26

Out: 18.533 $\pm$ 0.113 χ^2 /NDF:105983.0/31

All: 23.702 $\pm$ 0.075 χ^2 /NDF: 229775.8/58

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.740 ± 0.017 χ^2/NDF : 223123.1/13

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -19.854 ± 0.019 χ^2/NDF : 192715.6/11

Left: -19.252 ± 0.013 χ^2/NDF : 417774.2/25

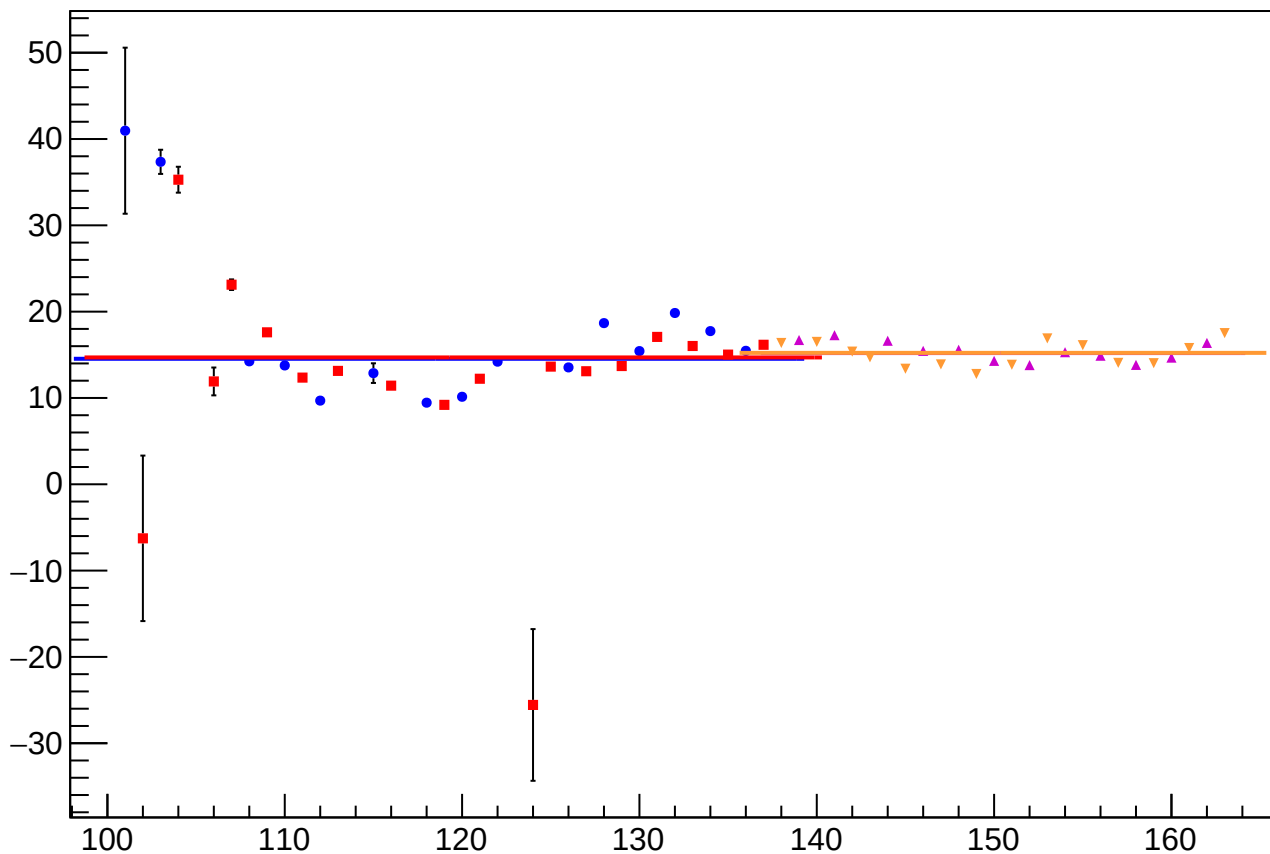
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -21.856 ± 0.016 χ^2/NDF : 357026.2/26

Out: -18.834 ± 0.016 χ^2/NDF : 279887.3/31

All: -20.285 ± 0.011 χ^2/NDF : 654666.8/58

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.224+/-0.018 χ^2/NDF : 6299.1/13

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.202+/-0.017 χ^2/NDF : 3956.2/11

Left: 15.213+/-0.012 χ^2/NDF : 10256.2/25

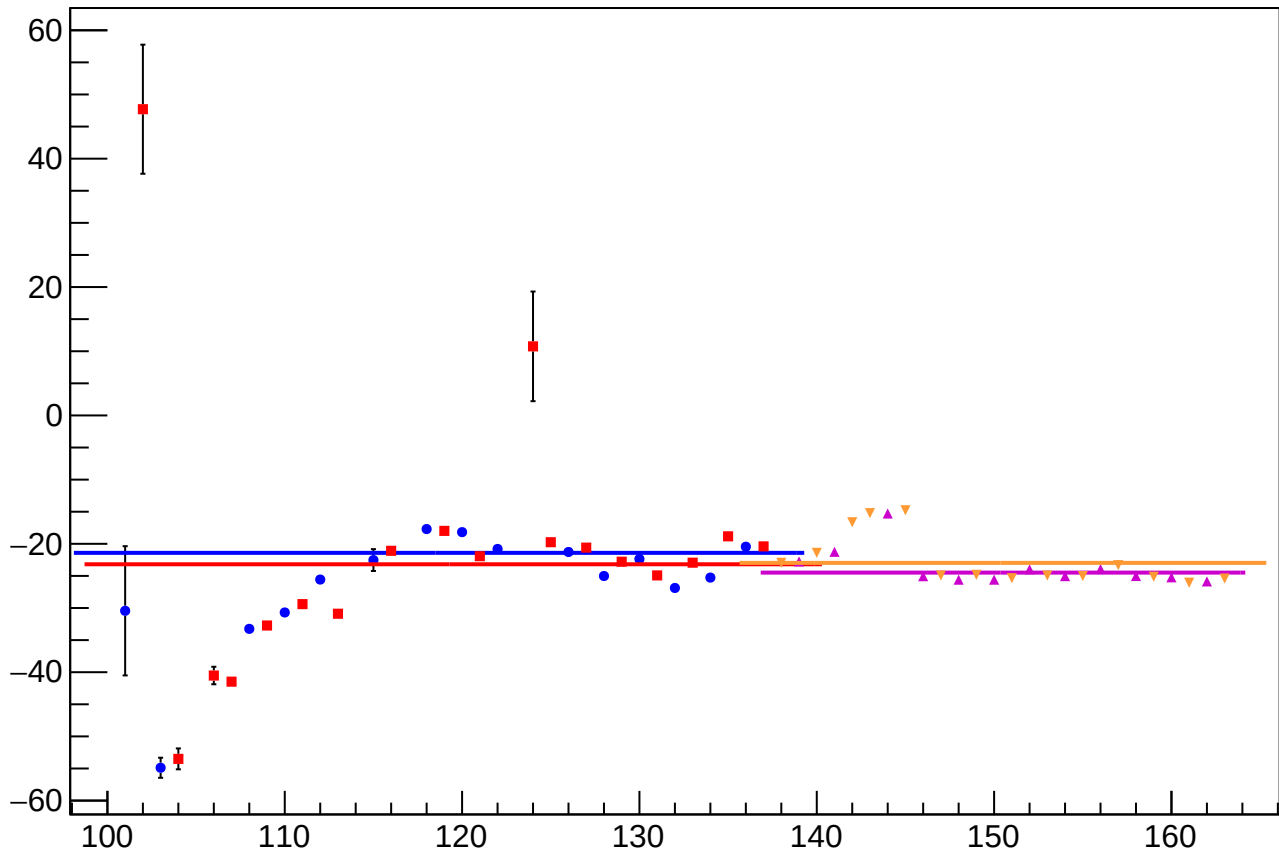
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.037+/-0.015 χ^2/NDF : 16399.6/26

Out: 15.149+/-0.016 χ^2/NDF : 8059.2/31

All: 15.088+/-0.011 χ^2/NDF : 24484.5/58

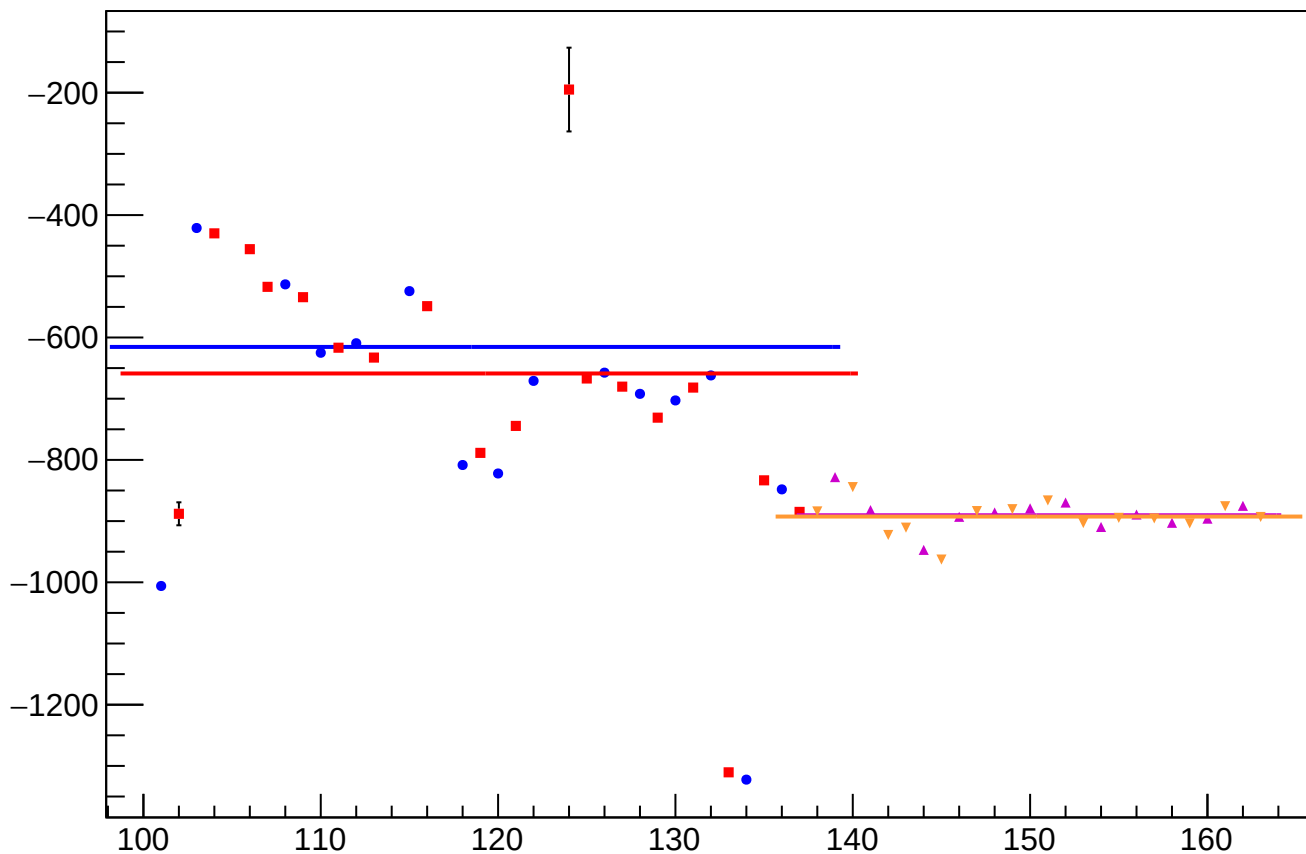
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -22.971 ± 0.022 $\chi^2/\text{NDF}: 29372.7/13$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -24.484 ± 0.020 $\chi^2/\text{NDF}: 7866.8/11$

Left: -23.792 ± 0.015 $\chi^2/\text{NDF}: 39877.2/25$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -23.749 ± 0.017 $\chi^2/\text{NDF}: 23251.9/26$
 Out: -23.004 ± 0.020 $\chi^2/\text{NDF}: 38514.5/31$
 All: -23.428 ± 0.013 $\chi^2/\text{NDF}: 62557.9/58$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 $\pm$ 0.238 χ^2/NDF : 382819.1/14

Left Out: -892.565 $\pm$ 0.173 χ^2/NDF : 12216.1/13

Right Out: -658.787 $\pm$ 0.256 χ^2/NDF : 385262.6/17

Left In: -890.416 $\pm$ 0.152 χ^2/NDF : 14035.2/11

Left: -891.348 $\pm$ 0.114 χ^2/NDF : 26338.4/25

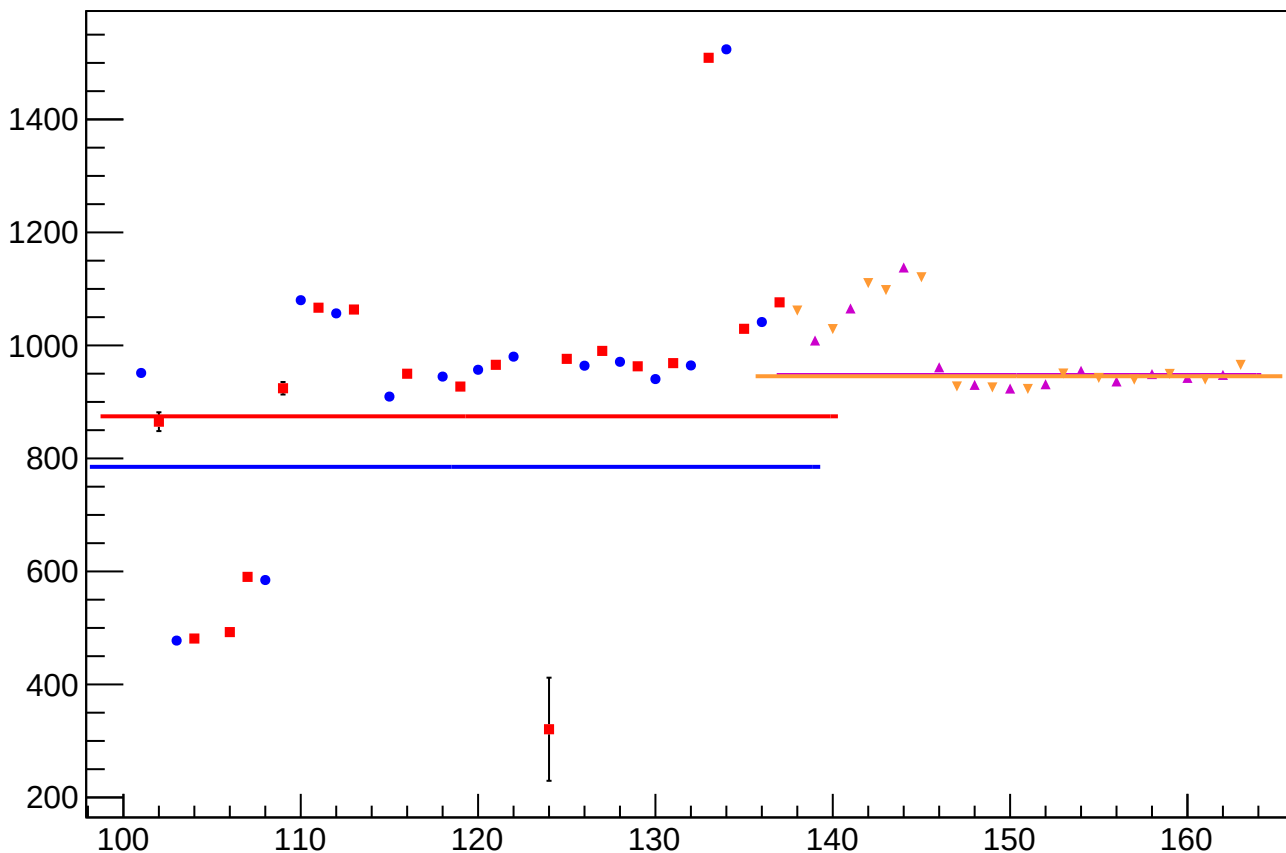
Right: -635.464 $\pm$ 0.174 χ^2/NDF : 783480.4/32

In: -810.822 $\pm$ 0.128 χ^2/NDF : 1348684.6/26

Out: -819.184 $\pm$ 0.144 χ^2/NDF : 968321.5/31

All: -814.519 $\pm$ 0.095 χ^2/NDF : 2318898.0/58

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 ± 0.228 $\chi^2/\text{NDF}: 886147.1/14$

Left Out: 945.452 ± 0.139 $\chi^2/\text{NDF}: 69151.9/13$

Right Out: 874.516 ± 0.261 $\chi^2/\text{NDF}: 842565.5/17$

Left In: 947.647 ± 0.125 $\chi^2/\text{NDF}: 73914.0/11$

Left: 946.665 ± 0.093 $\chi^2/\text{NDF}: 143203.1/25$

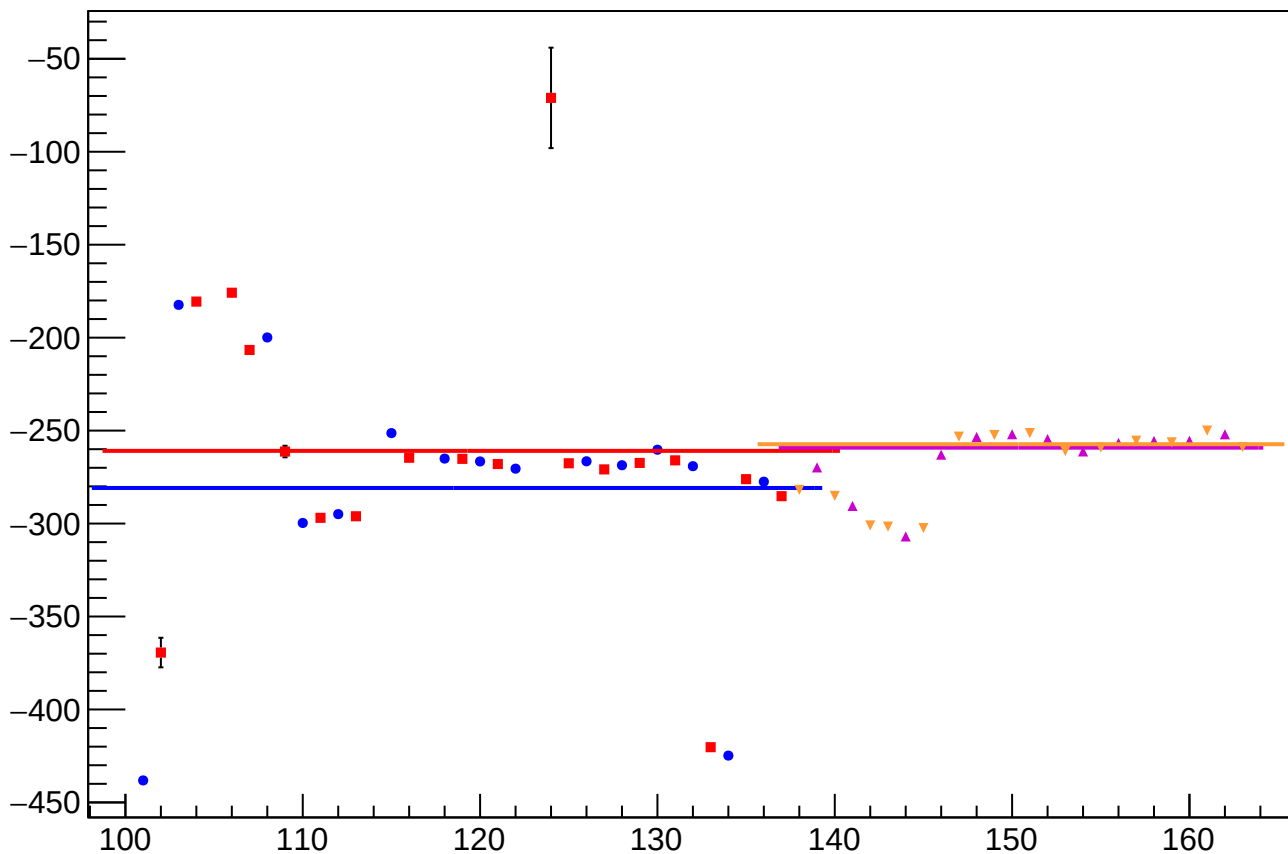
Right: 823.762 ± 0.172 $\chi^2/\text{NDF}: 1795202.4/32$

In: 909.938 ± 0.110 $\chi^2/\text{NDF}: 1350306.2/26$

Out: 929.755 ± 0.123 $\chi^2/\text{NDF}: 969124.6/31$

All: 918.737 ± 0.082 $\chi^2/\text{NDF}: 2333886.0/58$

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -257.319+/-0.023 χ^2/NDF : 168060.2/13

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -259.177+/-0.023 χ^2/NDF : 186421.6/11

Left: -258.256+/-0.016 χ^2/NDF : 357816.5/25

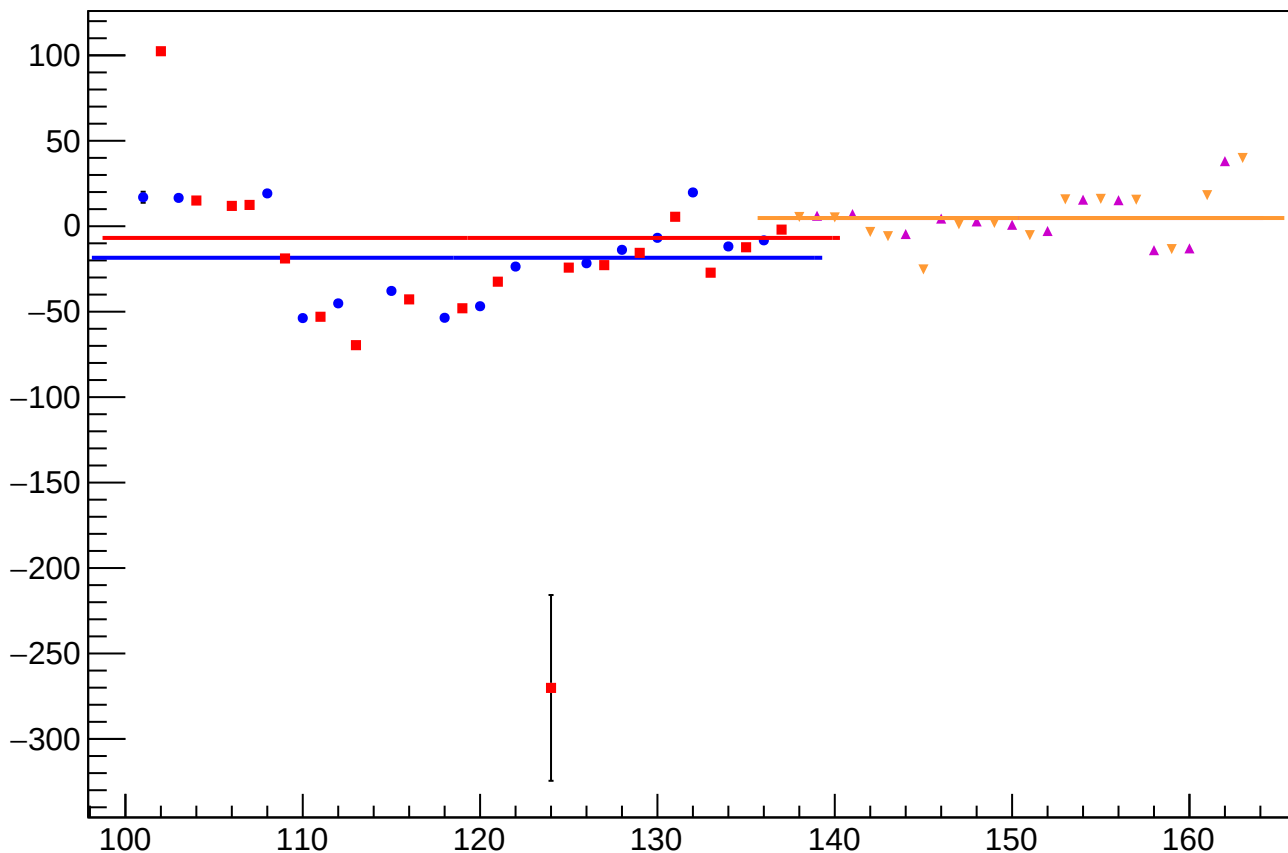
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -262.000+/-0.021 χ^2/NDF : 1179350.4/26

Out: -257.686+/-0.022 χ^2/NDF : 518294.5/31

All: -259.896+/-0.015 χ^2/NDF : 1717989.3/58

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 4.804 ± 0.028 $\chi^2/\text{NDF}: 315073.5/13$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 4.804 ± 0.023 $\chi^2/\text{NDF}: 389506.9/11$

Left: 4.804 ± 0.018 $\chi^2/\text{NDF}: 704580.5/25$

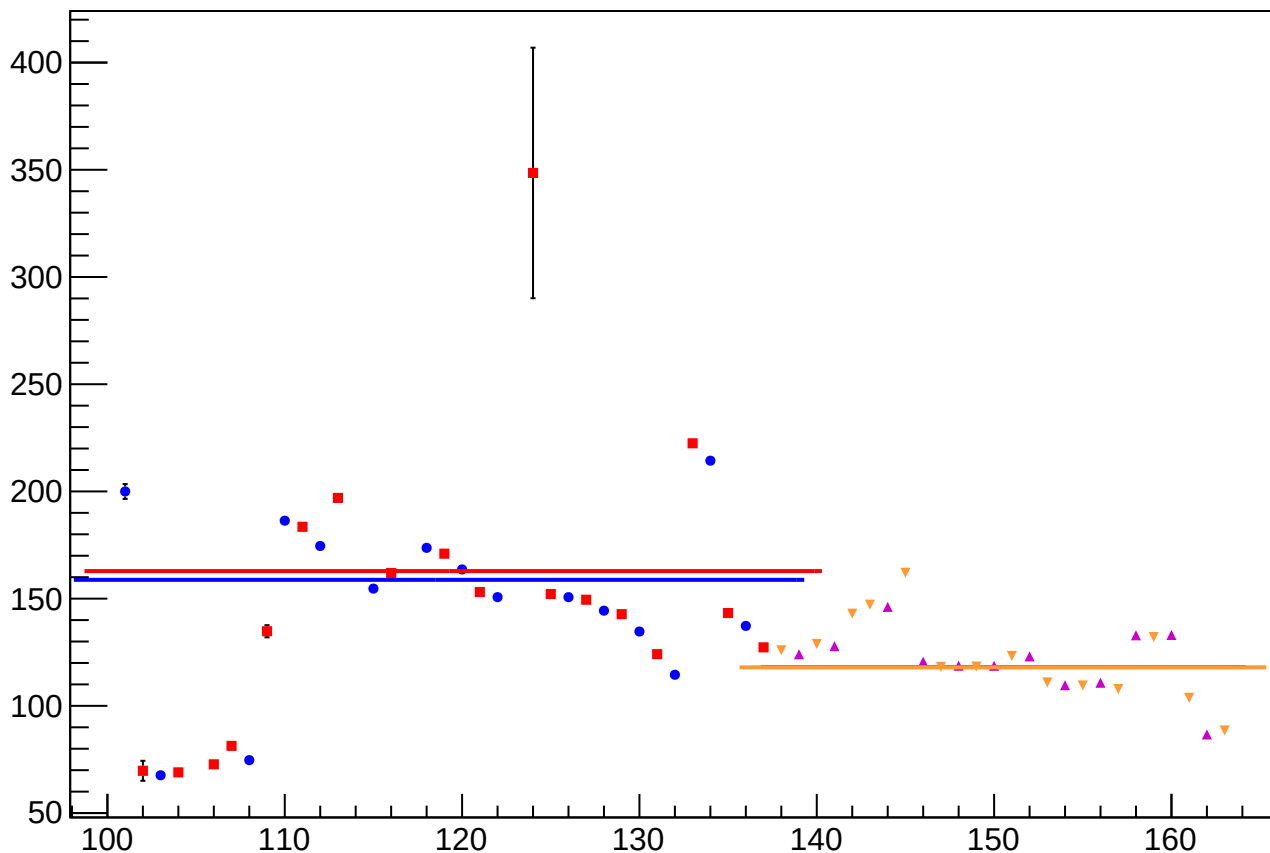
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 3.440 ± 0.022 $\chi^2/\text{NDF}: 497198.4/26$

Out: 2.980 ± 0.026 $\chi^2/\text{NDF}: 392535.3/31$

All: 3.243 ± 0.017 $\chi^2/\text{NDF}: 889919.4/58$

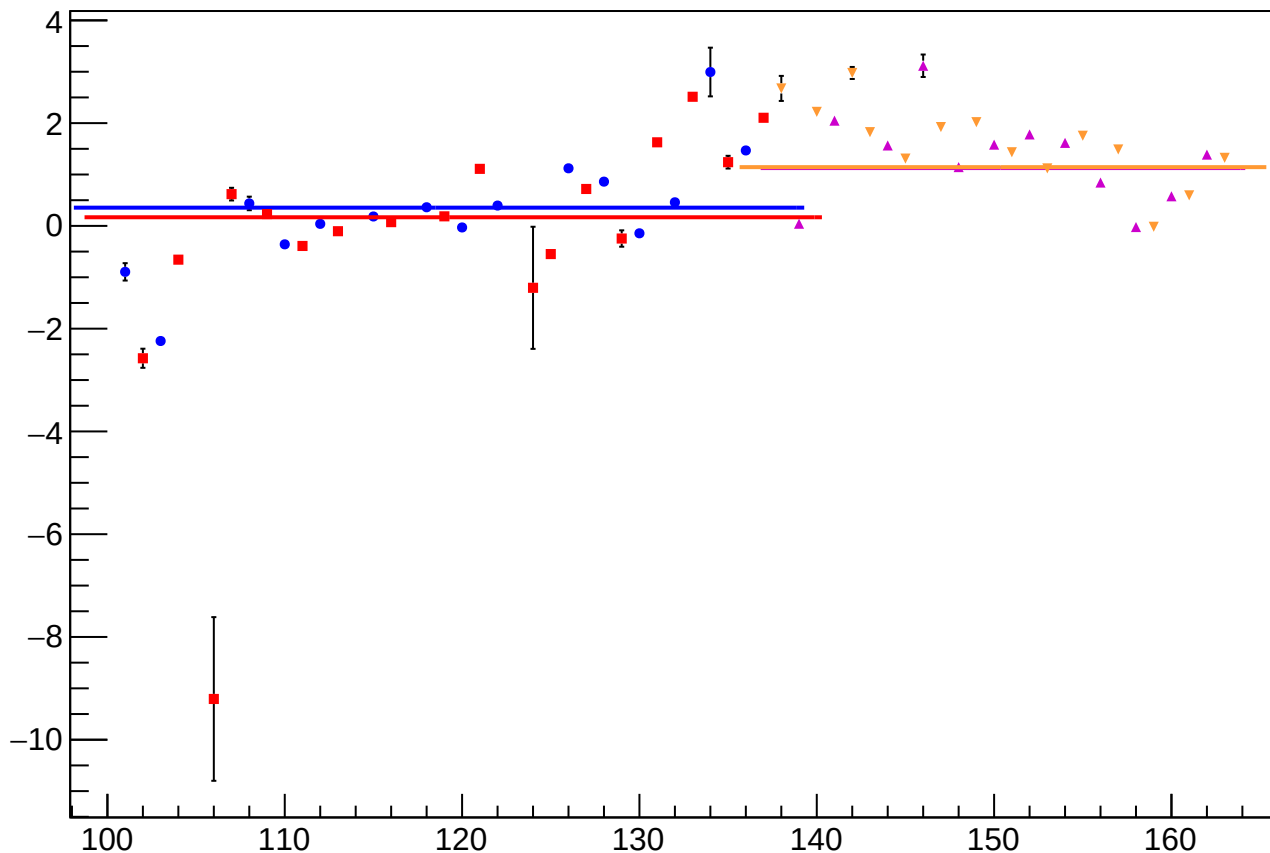
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 117.961 $\pm$ 0.032 χ^2 /NDF:185637.9/13
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 118.096 $\pm$ 0.028 χ^2 /NDF:255444.8/11

Left: 118.038 $\pm$ 0.021 χ^2 /NDF: 441092.7/25
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 121.785 $\pm$ 0.027 χ^2 /NDF:607379.9/26
 Out: 122.730 $\pm$ 0.030 χ^2 /NDF:548909.2/31
 All: 122.195 $\pm$ 0.020 χ^2 /NDF: 1156836.4/58

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.143 ± 0.012 χ^2/NDF : 4768.9/13

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.125 ± 0.009 χ^2/NDF : 6143.6/11

Left: 1.132 ± 0.007 χ^2/NDF : 10914.0/25

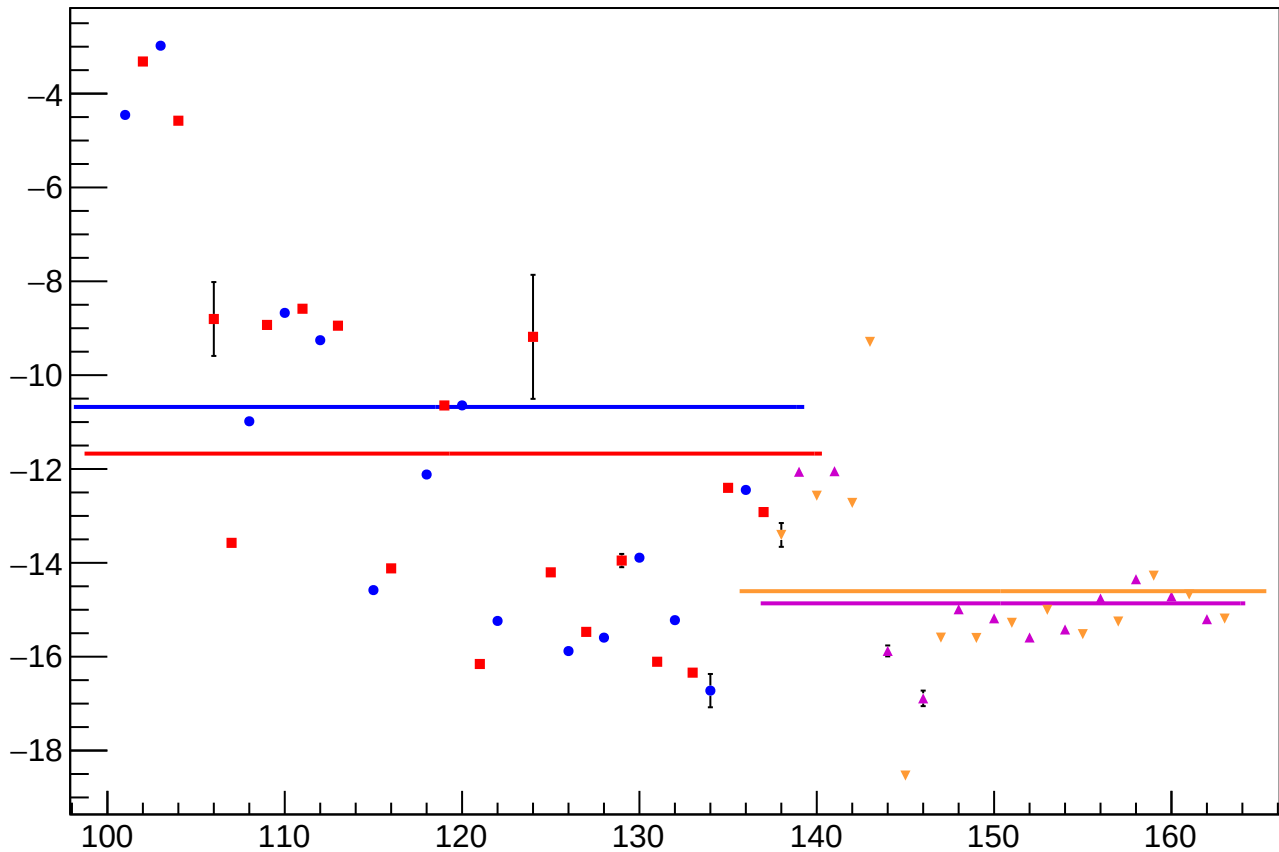
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.846 ± 0.007 χ^2/NDF : 12888.2/26

Out: 0.453 ± 0.006 χ^2/NDF : 14111.5/31

All: 0.630 ± 0.005 χ^2/NDF : 28686.0/58

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.604 ± 0.010 $\chi^2/\text{NDF}: 29448.5/13$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.863 ± 0.008 $\chi^2/\text{NDF}: 11421.0/11$

Left: -14.761 ± 0.006 $\chi^2/\text{NDF}: 41293.1/25$

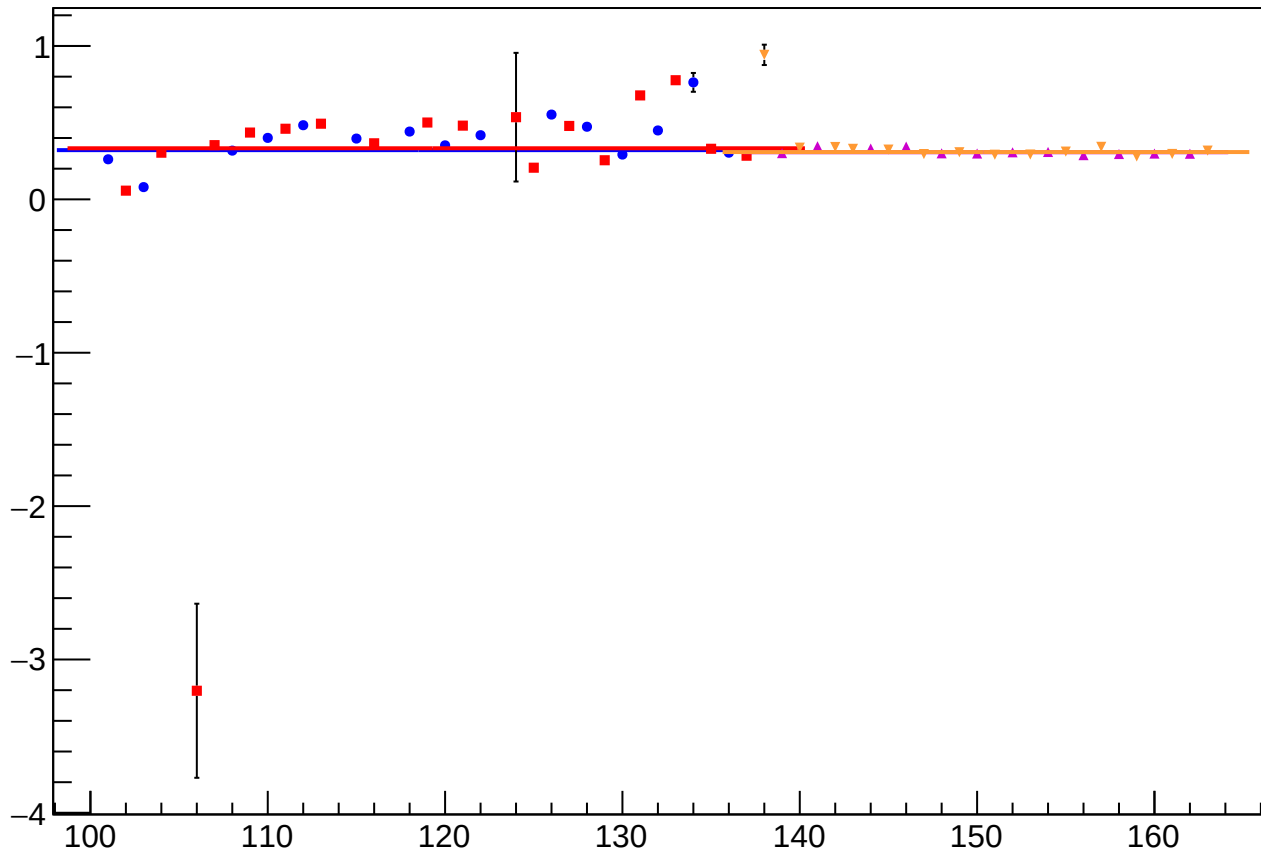
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.304 ± 0.006 $\chi^2/\text{NDF}: 342272.5/26$

Out: -13.387 ± 0.008 $\chi^2/\text{NDF}: 174395.1/31$

All: -13.338 ± 0.005 $\chi^2/\text{NDF}: 516739.0/58$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.308+/-0.000 χ^2/NDF : 3857.0/13

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.307+/-0.000 χ^2/NDF : 2045.1/11

Left: 0.308+/-0.000 χ^2/NDF : 5908.7/25

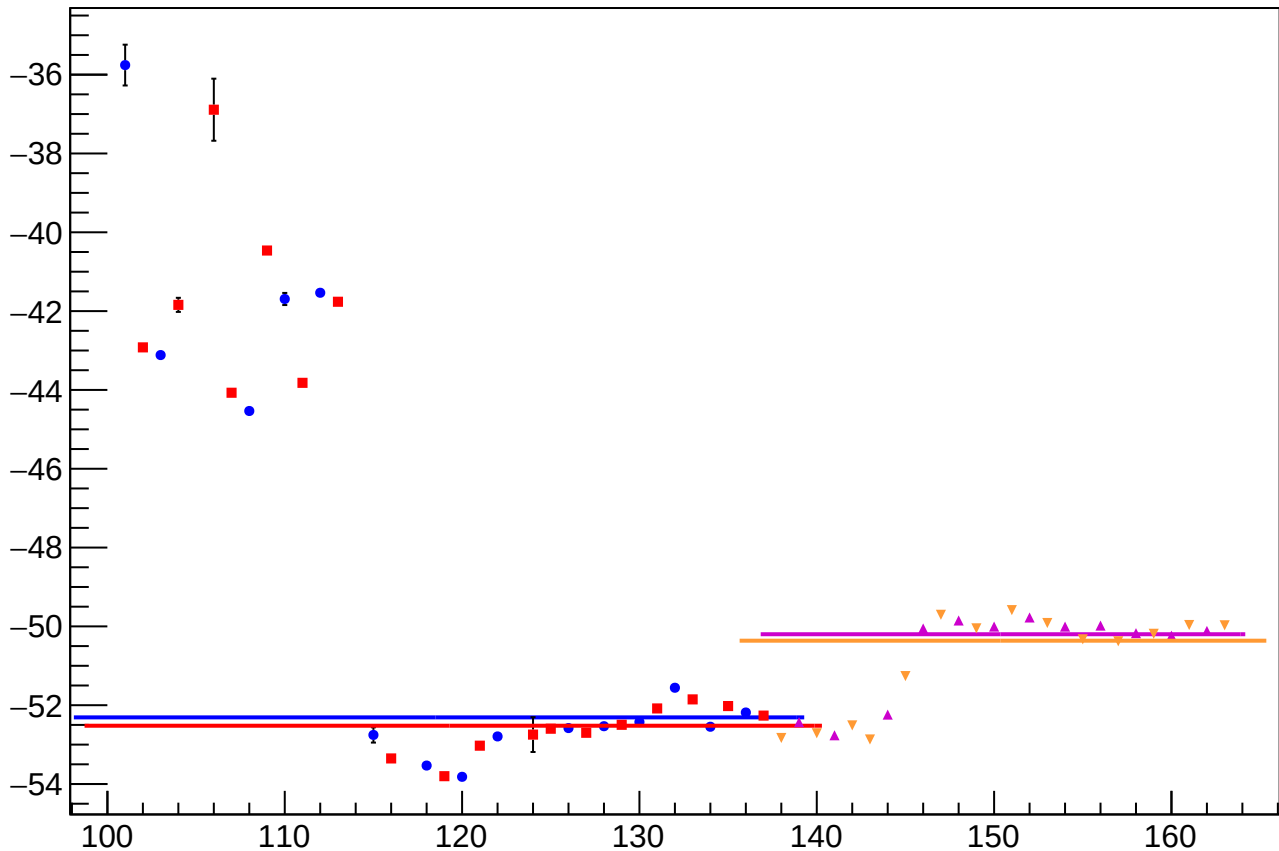
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6254.3/26

Out: 0.310+/-0.000 χ^2/NDF : 8391.6/31

All: 0.309+/-0.000 χ^2/NDF : 14654.9/58

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.363 ± 0.002 χ^2/NDF : 225444.9/13

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.199 ± 0.002 χ^2/NDF : 155251.2/11

Left: -50.263 ± 0.001 χ^2/NDF : 384775.2/25

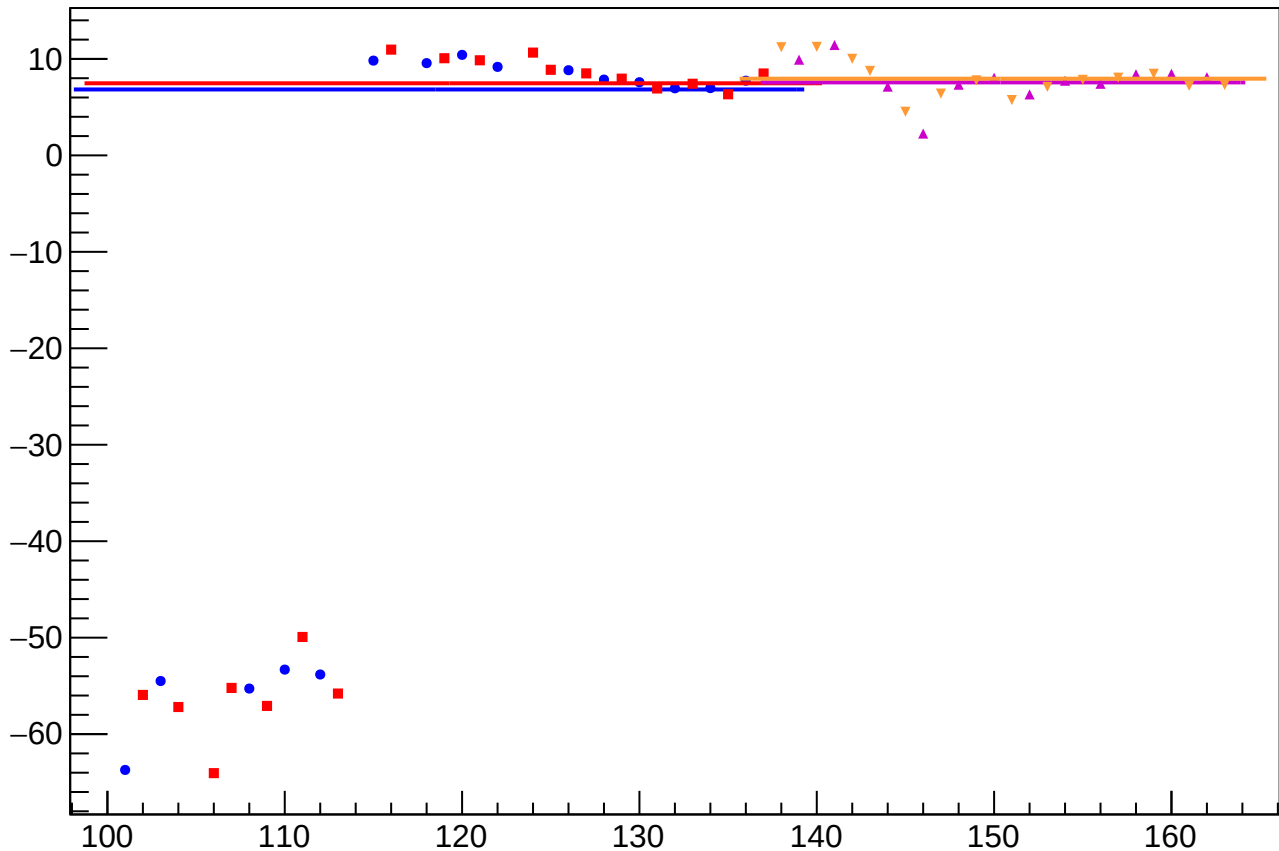
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.443 ± 0.002 χ^2/NDF : 410753.8/26

Out: -50.708 ± 0.002 χ^2/NDF : 486546.1/31

All: -50.549 ± 0.001 χ^2/NDF : 909679.9/58

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.951 ± 0.005 $\chi^2/\text{NDF}: 79529.3/13$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.566 ± 0.004 $\chi^2/\text{NDF}: 99927.6/11$

Left: 7.719 ± 0.003 $\chi^2/\text{NDF}: 183742.1/25$

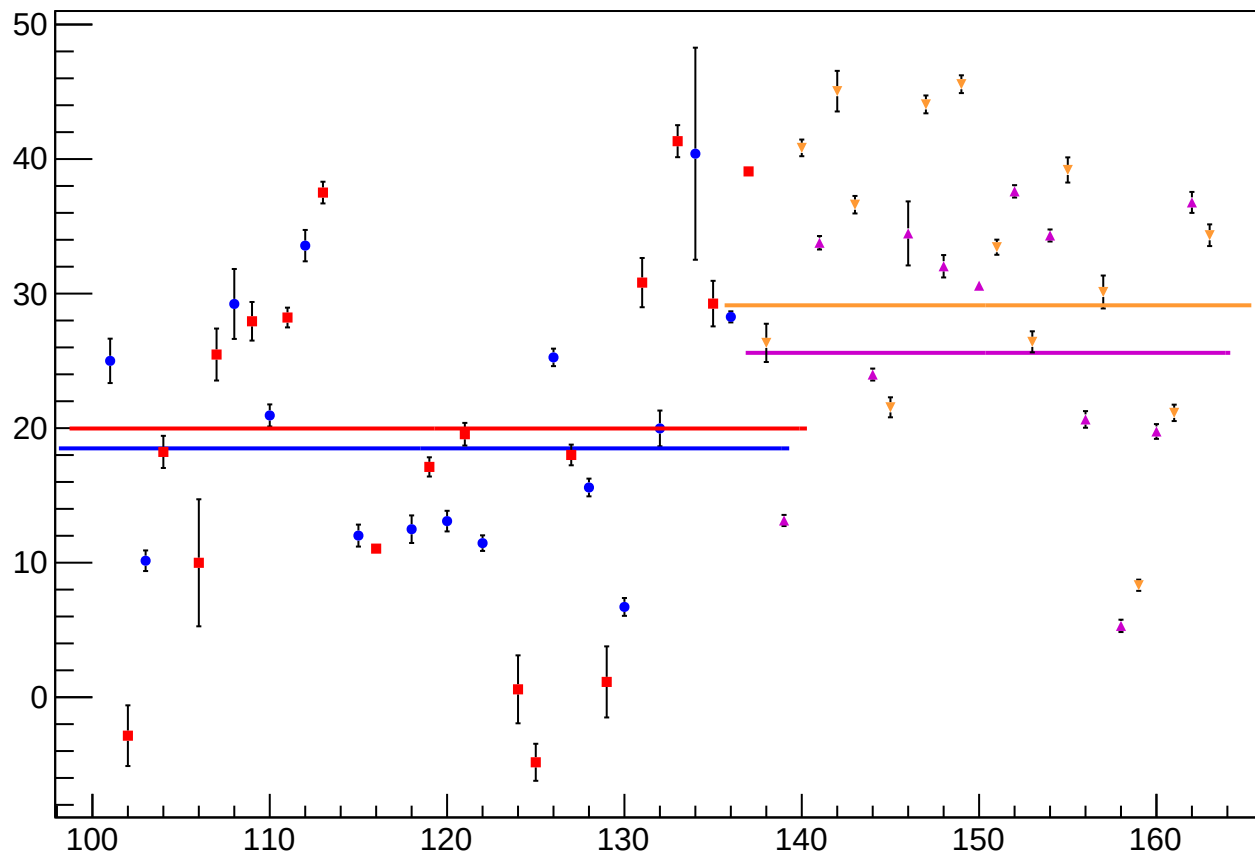
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.310 ± 0.003 $\chi^2/\text{NDF}: 1104112.4/26$

Out: 7.858 ± 0.004 $\chi^2/\text{NDF}: 1277152.9/31$

All: 7.501 ± 0.002 $\chi^2/\text{NDF}: 2392944.3/58$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496+/-0.200 χ^2/NDF : 1636.7/14

Left Out: 29.130+/-0.186 χ^2/NDF : 4718.9/13

Right Out: 19.974+/-0.130 χ^2/NDF : 9201.3/17

Left In: 25.597+/-0.144 χ^2/NDF : 4892.6/11

Left: 26.921+/-0.114 χ^2/NDF : 9836.5/25

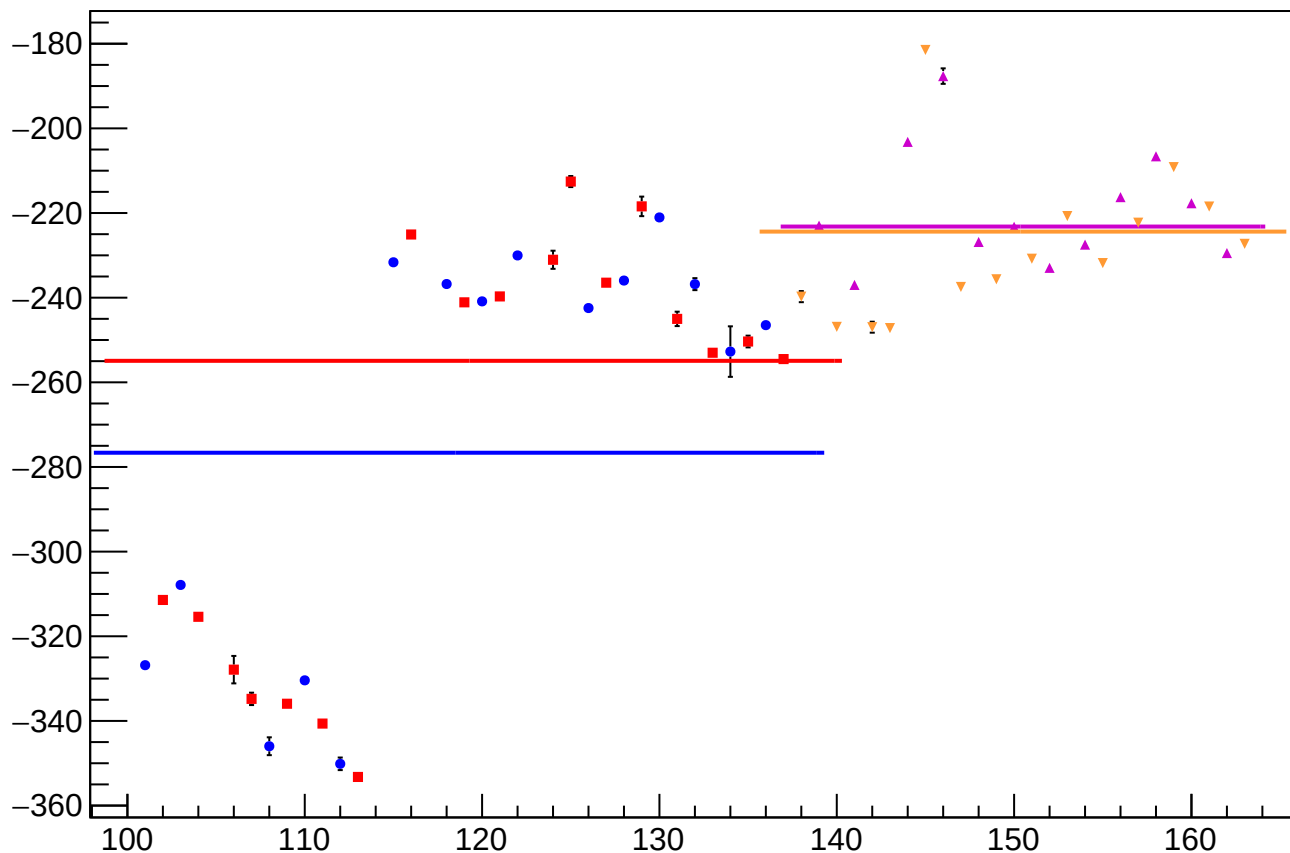
Right: 19.534+/-0.109 χ^2/NDF : 10876.3/32

In: 23.168+/-0.117 χ^2/NDF : 7358.2/26

Out: 22.979+/-0.107 χ^2/NDF : 15544.1/31

All: 23.065+/-0.079 χ^2/NDF : 22903.8/58

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -224.390 ± 0.151 χ^2/NDF : 13820.3/13

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -223.197 ± 0.124 χ^2/NDF : 4783.3/11

Left: -223.676 ± 0.096 χ^2/NDF : 18640.9/25

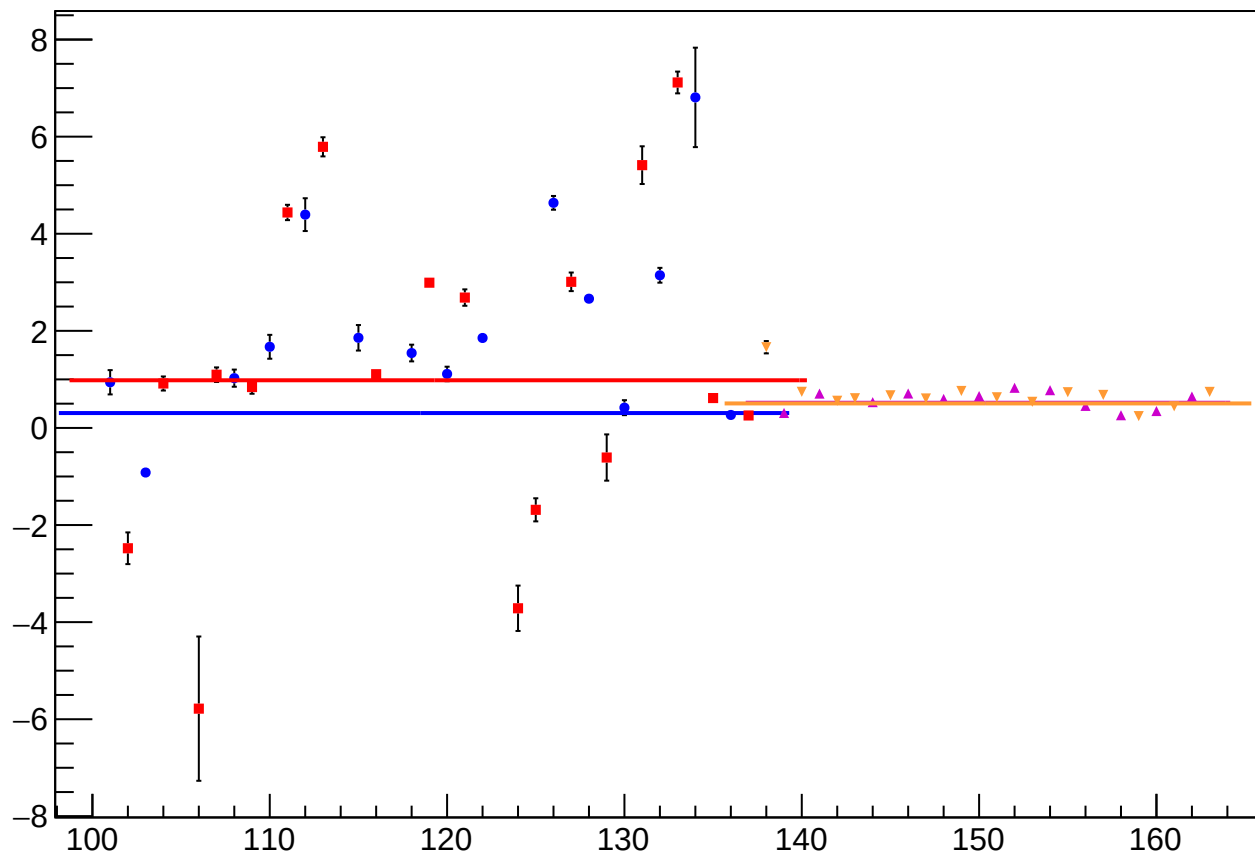
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -245.269 ± 0.095 χ^2/NDF : 158901.8/26

Out: -249.375 ± 0.064 χ^2/NDF : 119144.1/31

All: -248.078 ± 0.053 χ^2/NDF : 279328.2/58

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.505 $\pm$ 0.002 χ^2/NDF : 7994.5/13

Right Out: 0.982 $\pm$ 0.015 χ^2/NDF : 3374.7/17

Left In: 0.519 $\pm$ 0.002 χ^2/NDF : 12334.9/11

Left: 0.513 $\pm$ 0.002 χ^2/NDF : 20350.1/25

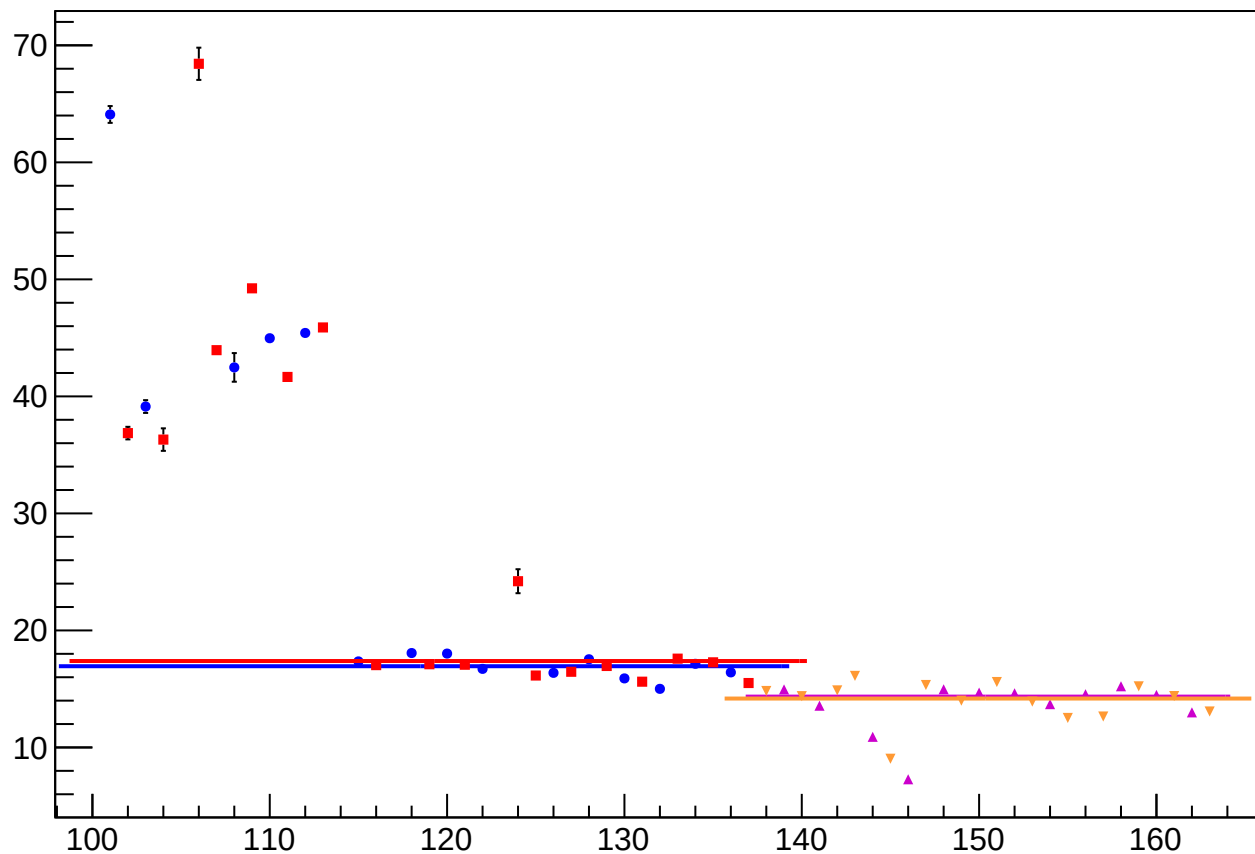
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.501 $\pm$ 0.002 χ^2/NDF : 16057.9/26

Out: 0.517 $\pm$ 0.002 χ^2/NDF : 12399.9/31

All: 0.507 $\pm$ 0.001 χ^2/NDF : 28484.6/58

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.179 ± 0.010 $\chi^2/\text{NDF}: 50075.8/13$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.344 ± 0.010 $\chi^2/\text{NDF}: 8571.7/11$

Left: 14.260 ± 0.007 $\chi^2/\text{NDF}: 58793.8/25$

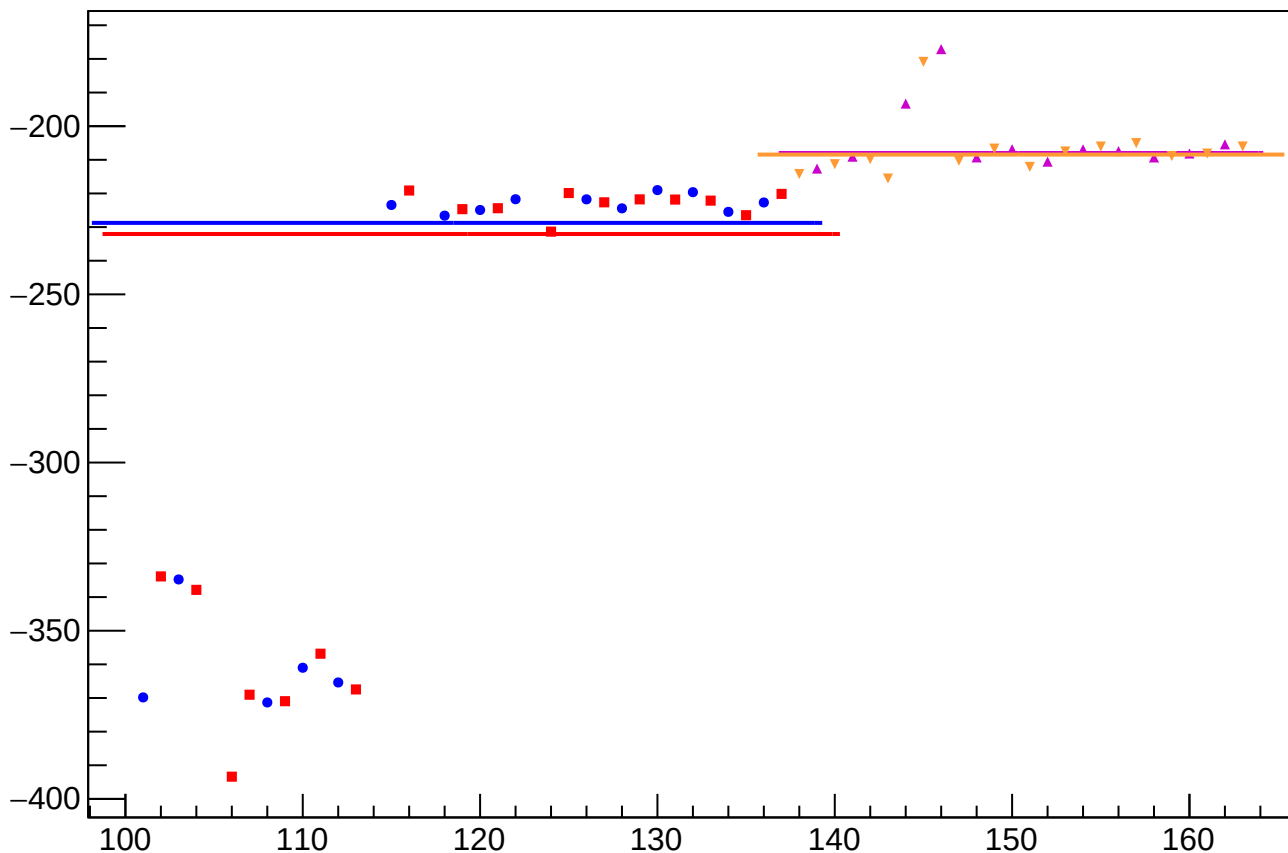
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.286 ± 0.008 $\chi^2/\text{NDF}: 63551.4/26$

Out: 14.913 ± 0.008 $\chi^2/\text{NDF}: 136828.6/31$

All: 15.115 ± 0.006 $\chi^2/\text{NDF}: 201442.2/58$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -208.442 ± 0.019 χ^2/NDF : 75035.6/13

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -207.968 ± 0.018 χ^2/NDF : 15785.1/11

Left: -208.196 ± 0.013 χ^2/NDF : 91142.9/25

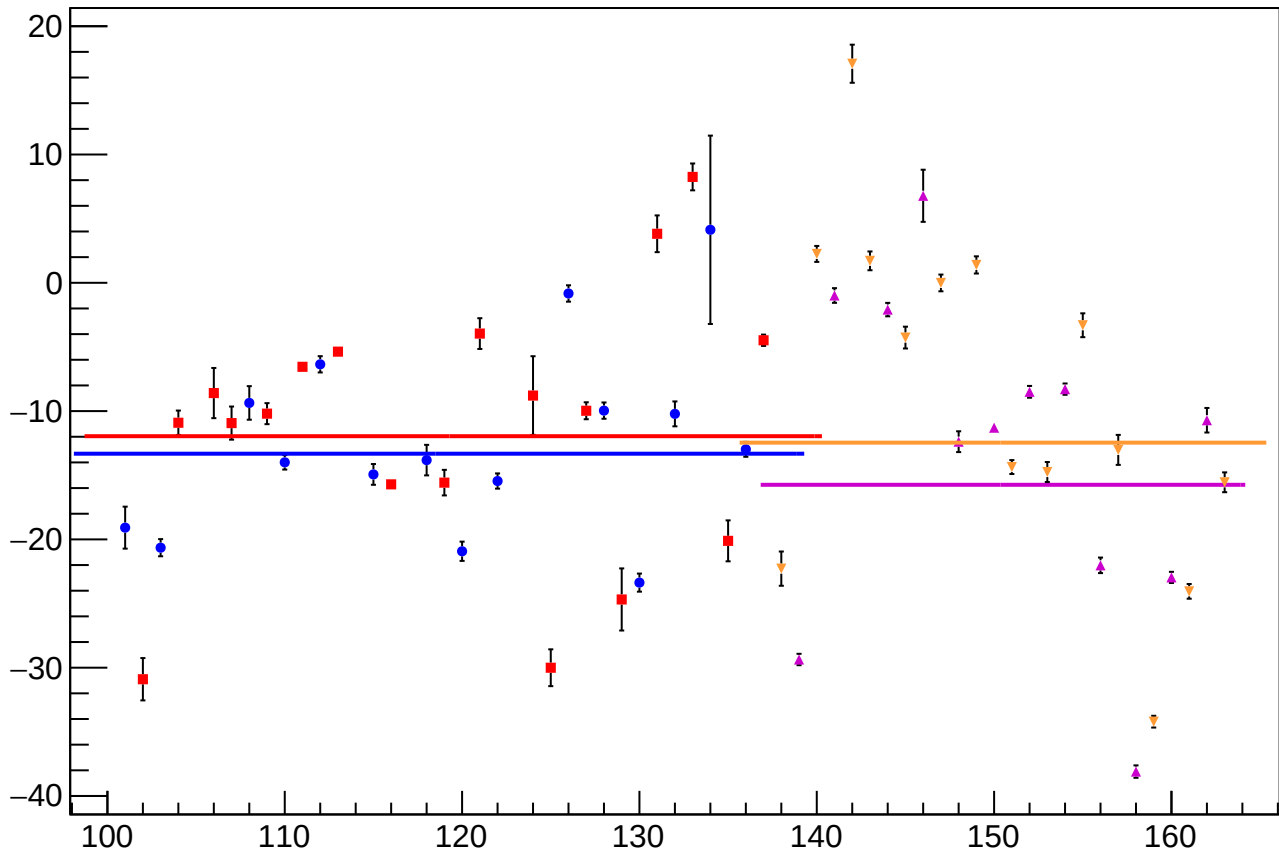
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -212.485 ± 0.016 χ^2/NDF : 954302.0/26

Out: -212.576 ± 0.017 χ^2/NDF : 1136274.5/31

All: -212.527 ± 0.012 χ^2/NDF : 2090591.4/58

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -12.459 ± 0.190 $\chi^2/\text{NDF}: 5058.9/13$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -15.745 ± 0.149 $\chi^2/\text{NDF}: 5663.6/11$

Left: -14.489 ± 0.117 $\chi^2/\text{NDF}: 10908.1/25$

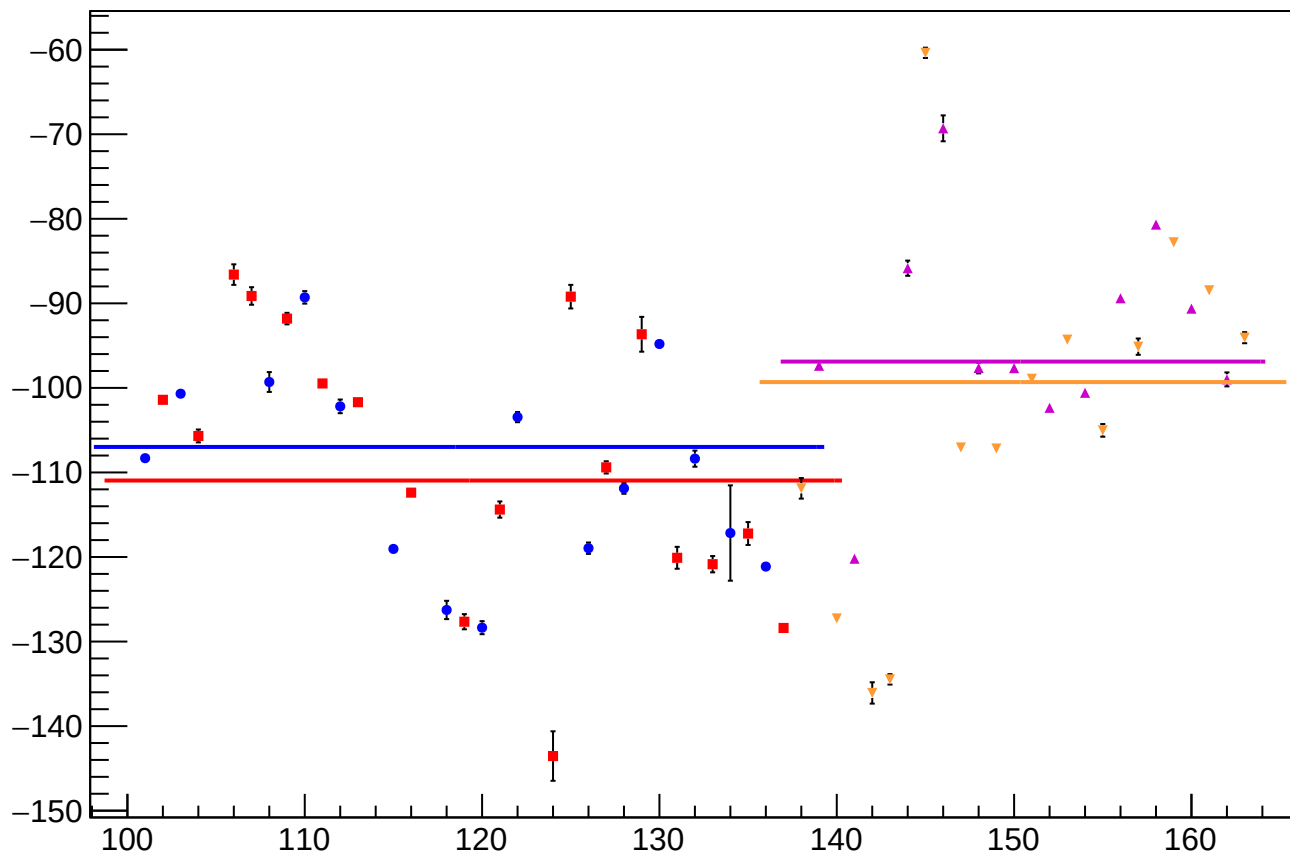
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.843 ± 0.118 $\chi^2/\text{NDF}: 6774.9/26$

Out: -12.087 ± 0.097 $\chi^2/\text{NDF}: 7551.3/31$

All: -13.194 ± 0.075 $\chi^2/\text{NDF}: 14651.7/58$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -99.311 ± 0.152 $\chi^2/\text{NDF}: 14700.4/13$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -96.889 ± 0.125 $\chi^2/\text{NDF}: 5254.2/11$

Left: -97.862 ± 0.096 $\chi^2/\text{NDF}: 20106.7/25$

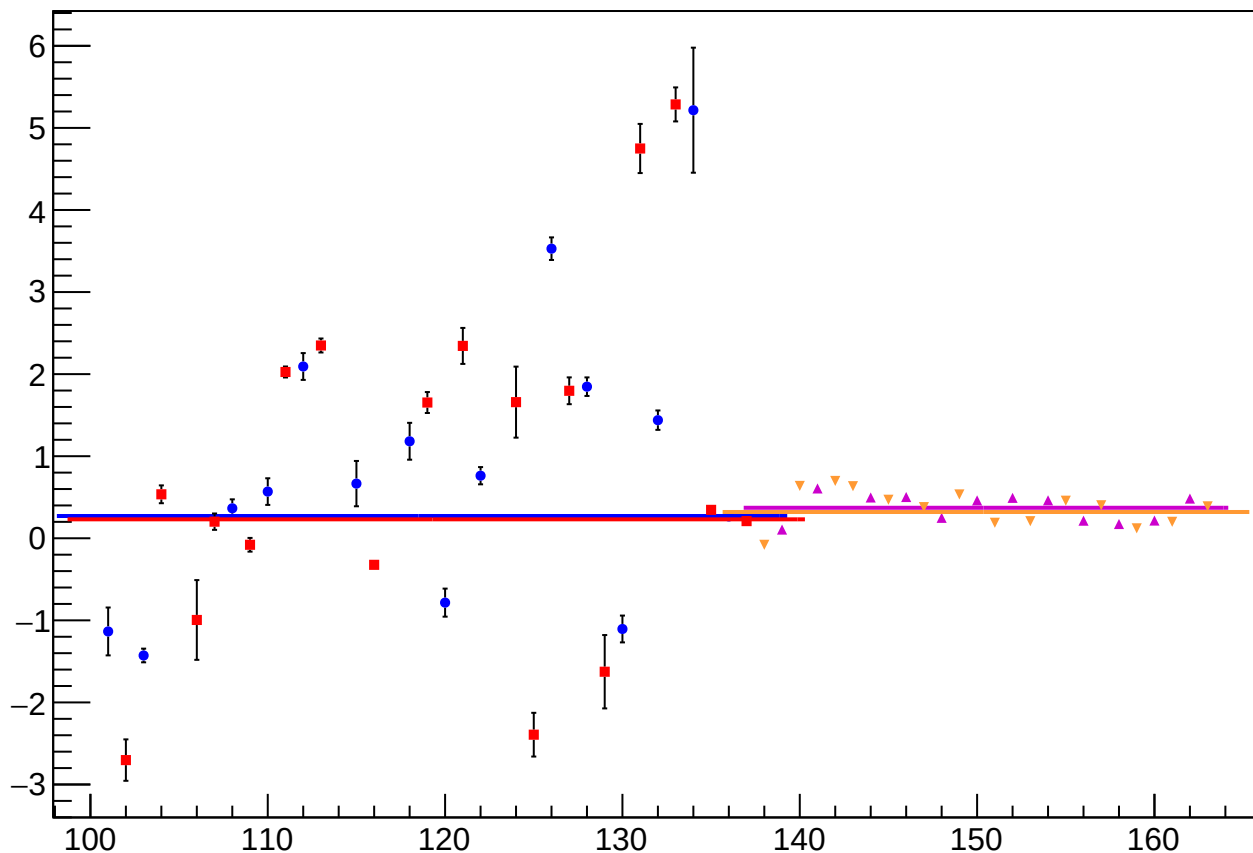
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -102.557 ± 0.082 $\chi^2/\text{NDF}: 13603.1/26$

Out: -109.808 ± 0.048 $\chi^2/\text{NDF}: 30676.4/31$

All: -107.992 ± 0.041 $\chi^2/\text{NDF}: 50078.3/58$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.320 ± 0.003 $\chi^2/\text{NDF}: 6452.0/13$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.372 ± 0.002 $\chi^2/\text{NDF}: 7377.3/11$

Left: 0.352 ± 0.002 $\chi^2/\text{NDF}: 14079.7/25$

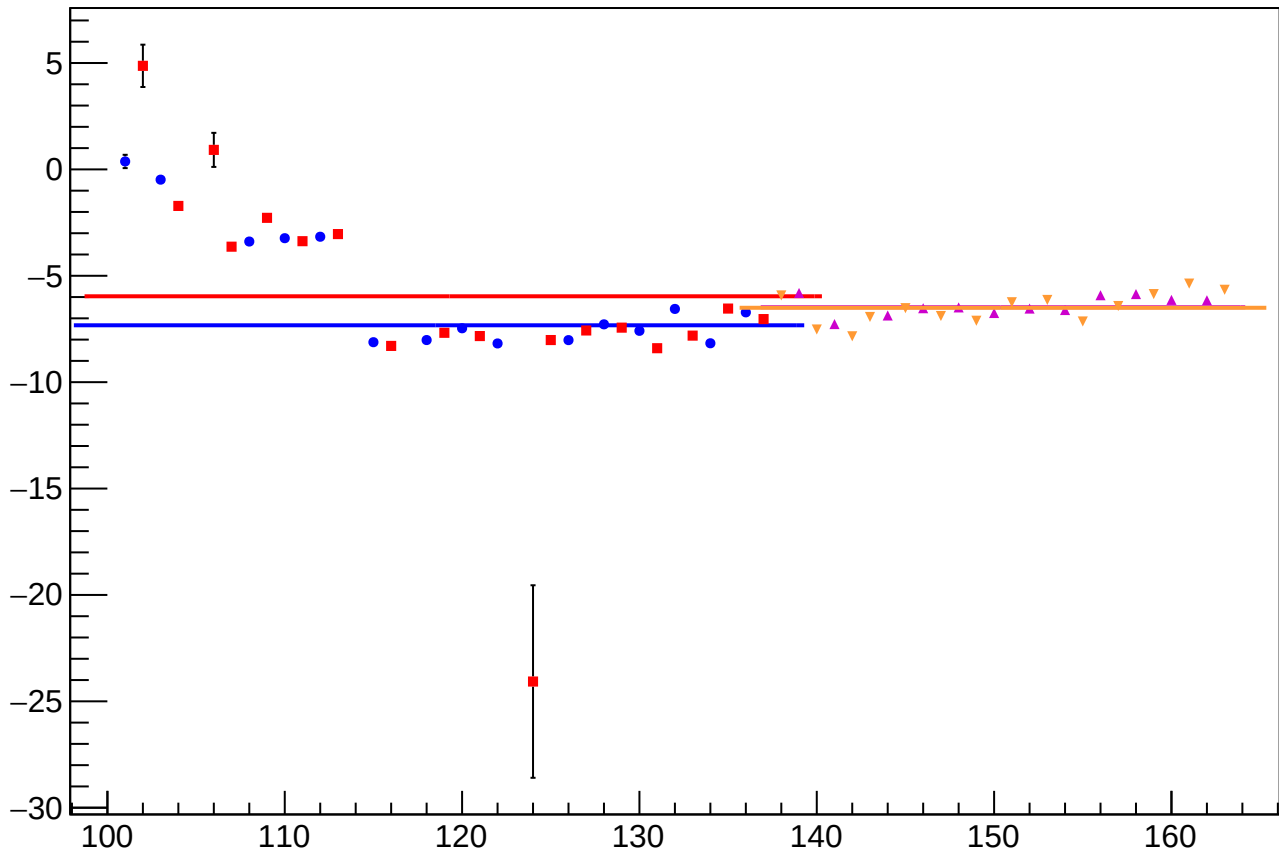
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.359 ± 0.002 $\chi^2/\text{NDF}: 9300.7/26$

Out: 0.298 ± 0.002 $\chi^2/\text{NDF}: 9668.4/31$

All: 0.333 ± 0.001 $\chi^2/\text{NDF}: 19409.0/58$

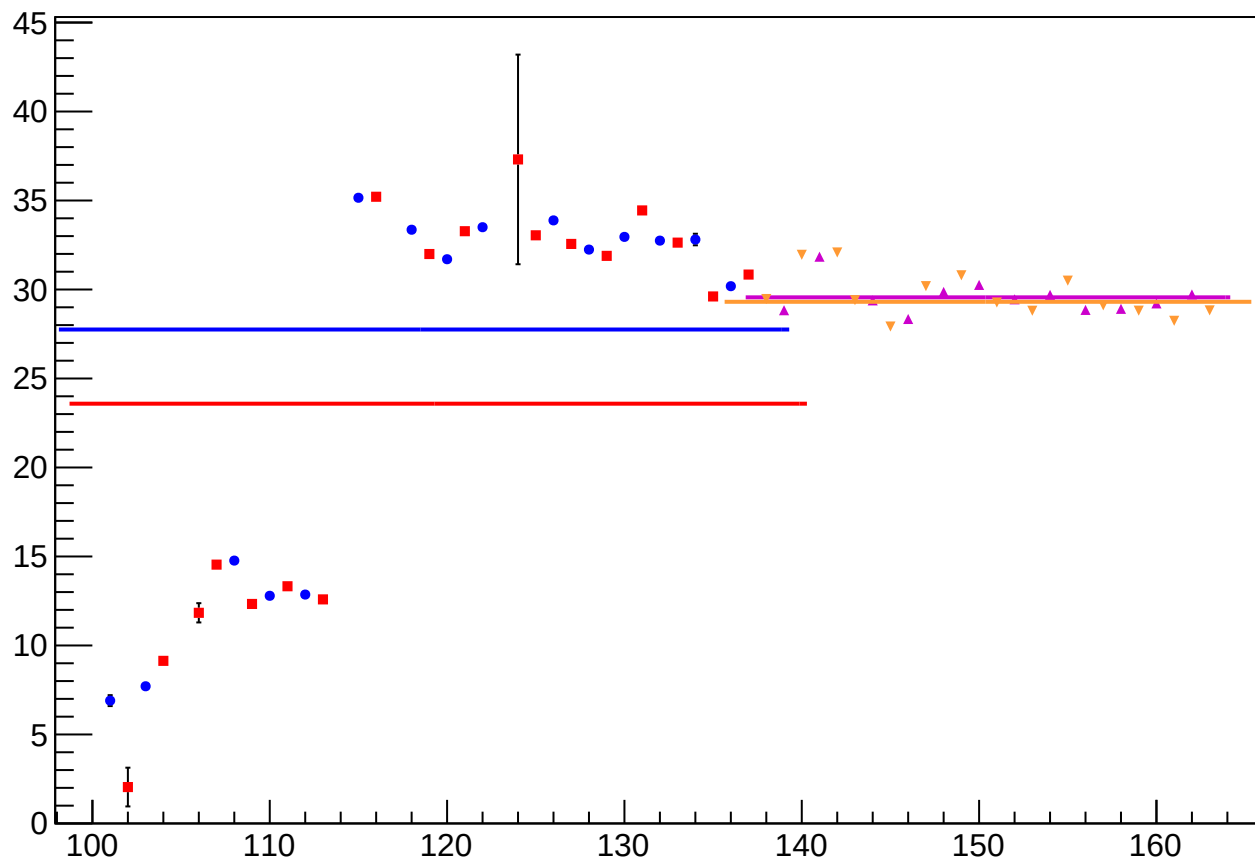
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.504 ± 0.008 $\chi^2/\text{NDF}: 5548.3/13$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.479 ± 0.006 $\chi^2/\text{NDF}: 5248.3/11$

Left: -6.488 ± 0.005 $\chi^2/\text{NDF}: 10803.1/25$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.771 ± 0.005 $\chi^2/\text{NDF}: 42451.5/26$
 Out: -6.270 ± 0.006 $\chi^2/\text{NDF}: 79502.5/31$
 All: -6.560 ± 0.004 $\chi^2/\text{NDF}: 126318.6/58$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.309 $\pm$ 0.013 χ^2 /NDF: 8293.2/13

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.560 $\pm$ 0.011 χ^2 /NDF: 2960.8/11

Left: 29.450 $\pm$ 0.008 χ^2 /NDF: 11477.9/25

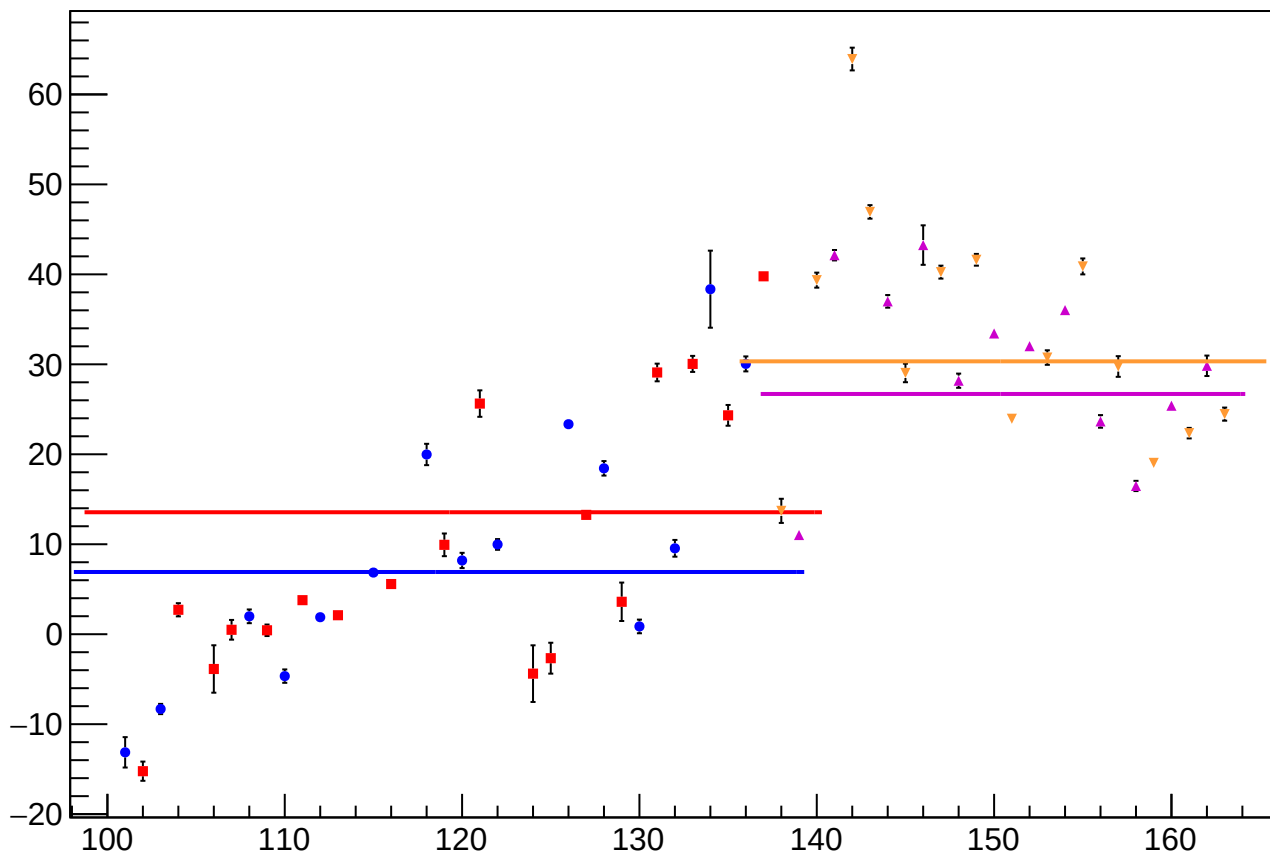
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.925 $\pm$ 0.009 χ^2 /NDF: 345261.6/26

Out: 26.700 $\pm$ 0.009 χ^2 /NDF: 642724.8/31

All: 27.855 $\pm$ 0.006 χ^2 /NDF: 1017969.2/58

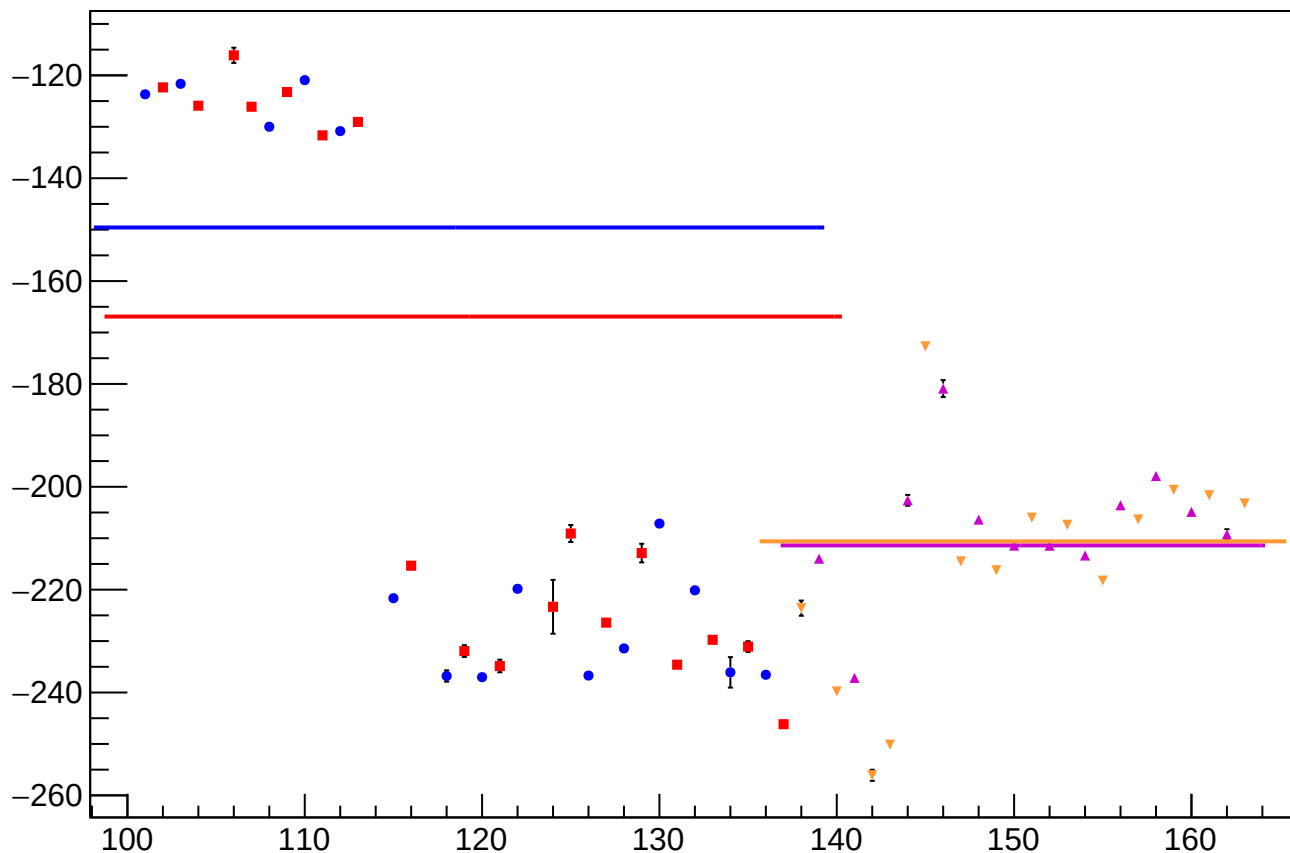
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 30.331 ± 0.194 $\chi^2/\text{NDF}: 3107.3/13$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.703 ± 0.147 $\chi^2/\text{NDF}: 4631.8/11$

Left: 28.026 ± 0.117 $\chi^2/\text{NDF}: 7960.4/25$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 18.585 ± 0.113 $\chi^2/\text{NDF}: 15542.4/26$
 Out: 19.558 ± 0.116 $\chi^2/\text{NDF}: 19547.9/31$
 All: 19.058 ± 0.081 $\chi^2/\text{NDF}: 35126.4/58$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -210.605 ± 0.157 $\chi^2/\text{NDF}: 11971.3/13$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -211.395 ± 0.123 $\chi^2/\text{NDF}: 5138.6/11$

Left: -211.094 ± 0.097 $\chi^2/\text{NDF}: 17125.6/25$

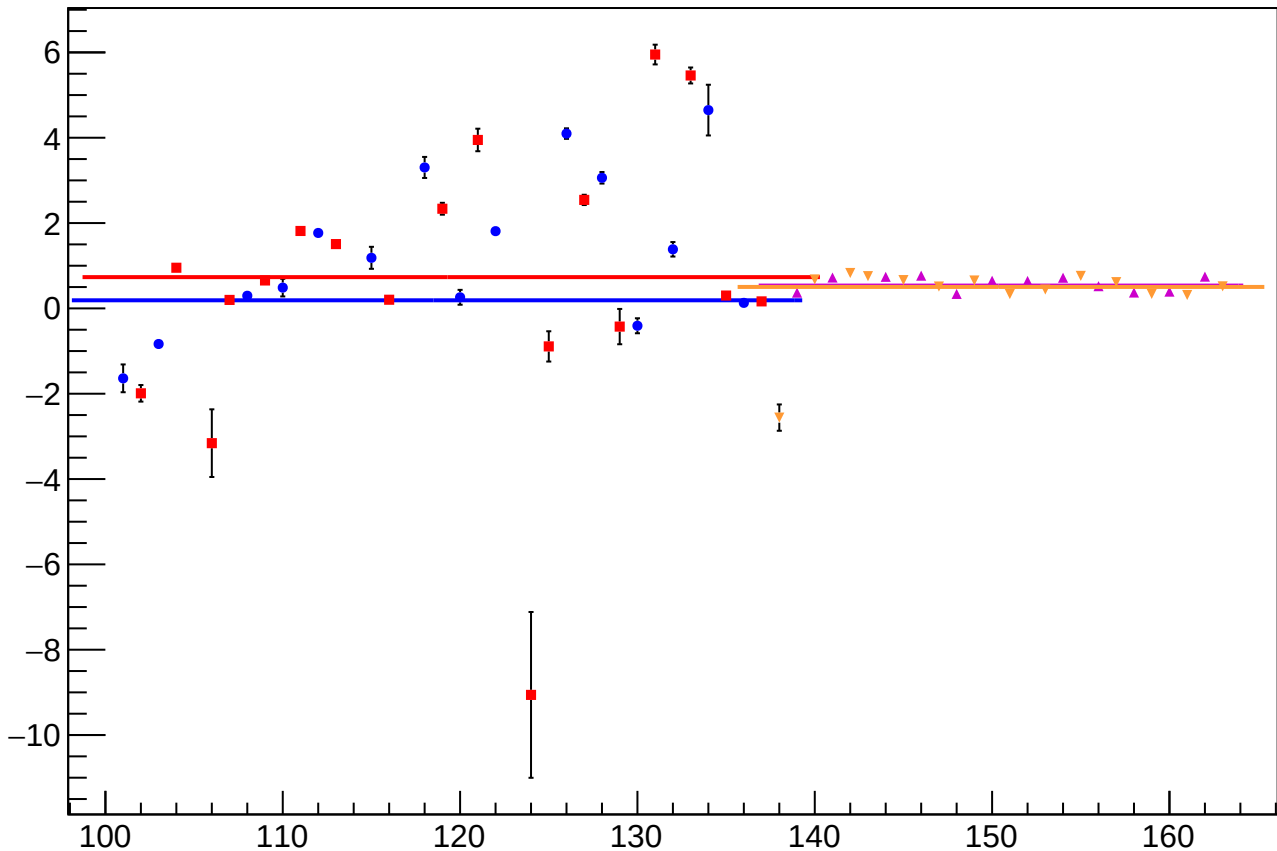
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.386 ± 0.078 $\chi^2/\text{NDF}: 350929.2/26$

Out: -179.622 ± 0.085 $\chi^2/\text{NDF}: 362417.4/31$

All: -176.791 ± 0.057 $\chi^2/\text{NDF}: 715412.9/58$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.503 ± 0.003 $\chi^2/\text{NDF}: 3340.9/13$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.535 ± 0.002 $\chi^2/\text{NDF}: 4031.9/11$

Left: 0.522 ± 0.002 $\chi^2/\text{NDF}: 7439.8/25$

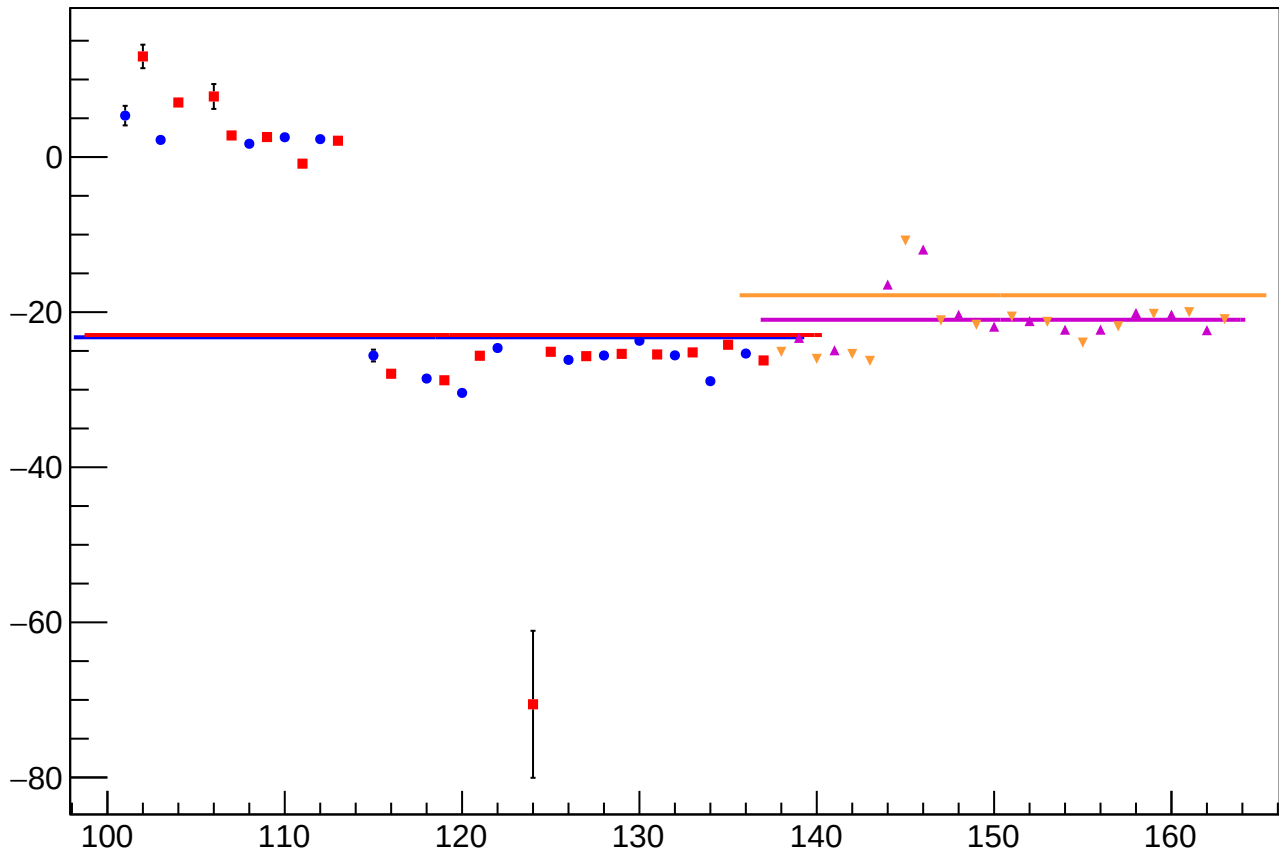
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.509 ± 0.002 $\chi^2/\text{NDF}: 8243.8/26$

Out: 0.508 ± 0.003 $\chi^2/\text{NDF}: 6140.1/31$

All: 0.509 ± 0.002 $\chi^2/\text{NDF}: 14383.9/58$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.822 ± 0.015 $\chi^2/\text{NDF}: 123746.2/13$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -20.982 ± 0.016 $\chi^2/\text{NDF}: 10240.8/11$

Left: -19.342 ± 0.011 $\chi^2/\text{NDF}: 154844.6/25$

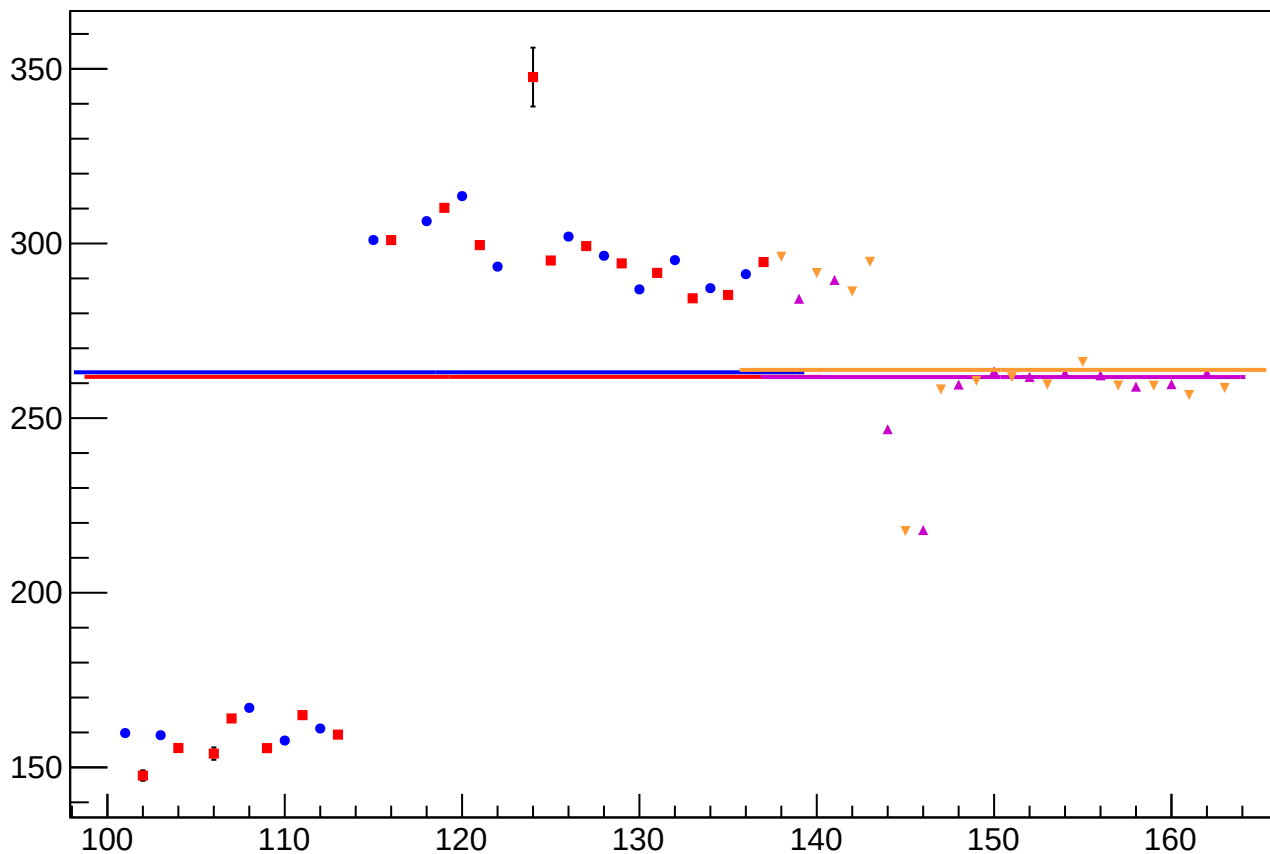
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.633 ± 0.013 $\chi^2/\text{NDF}: 119268.1/26$

Out: -19.228 ± 0.013 $\chi^2/\text{NDF}: 263101.4/31$

All: -20.397 ± 0.009 $\chi^2/\text{NDF}: 399182.2/58$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 263.812 $\pm$ 0.038 χ^2 /NDF:194853.8/13

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 261.758 $\pm$ 0.033 χ^2 /NDF:36473.2/11

Left: 262.645 $\pm$ 0.025 χ^2 /NDF: 232962.4/25

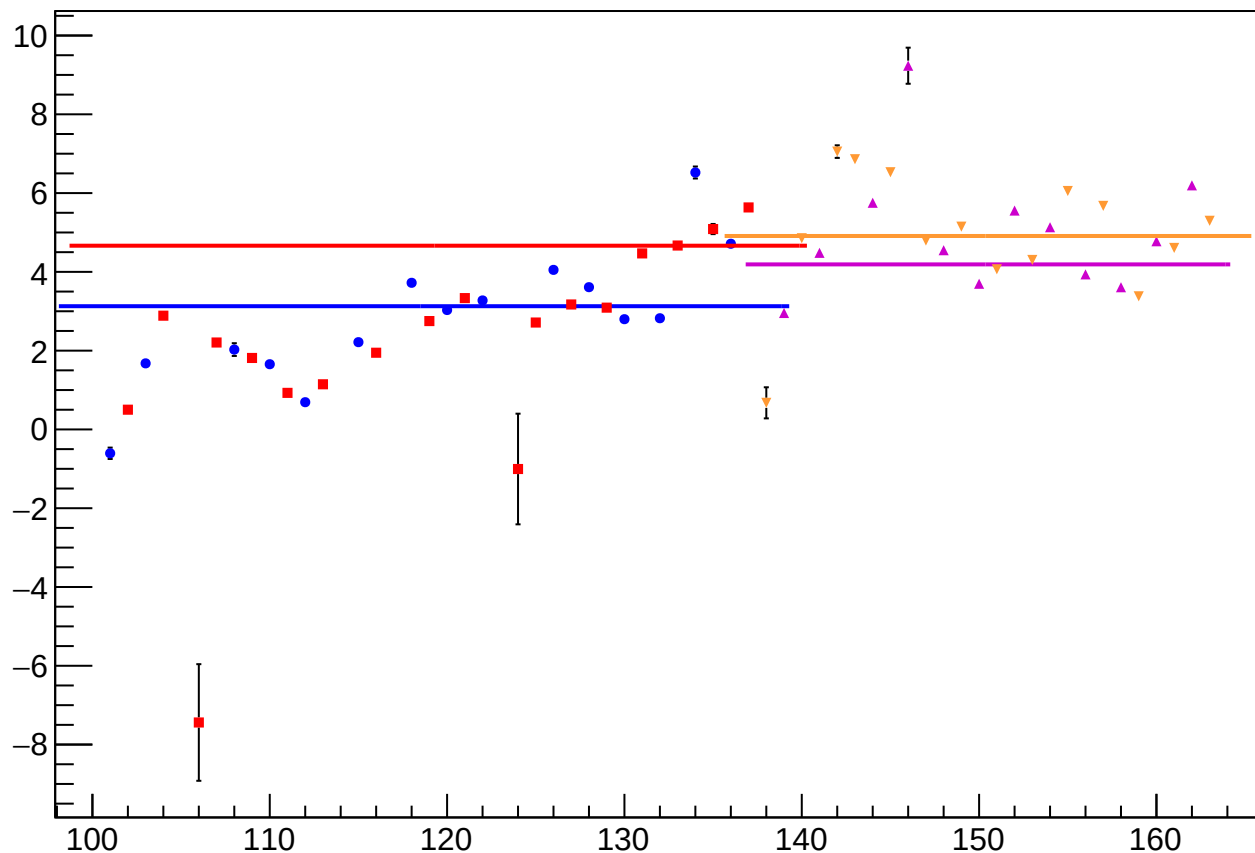
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.016 $\pm$ 0.030 χ^2 /NDF:729674.0/26

Out: 263.240 $\pm$ 0.032 χ^2 /NDF:1201823.0/31

All: 262.583 $\pm$ 0.022 χ^2 /NDF: 1932265.9/58

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.911 ± 0.016 $\chi^2/\text{NDF}: 2183.5/13$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.190 ± 0.016 $\chi^2/\text{NDF}: 3097.1/11$

Left: 4.536 ± 0.011 $\chi^2/\text{NDF}: 6279.1/25$

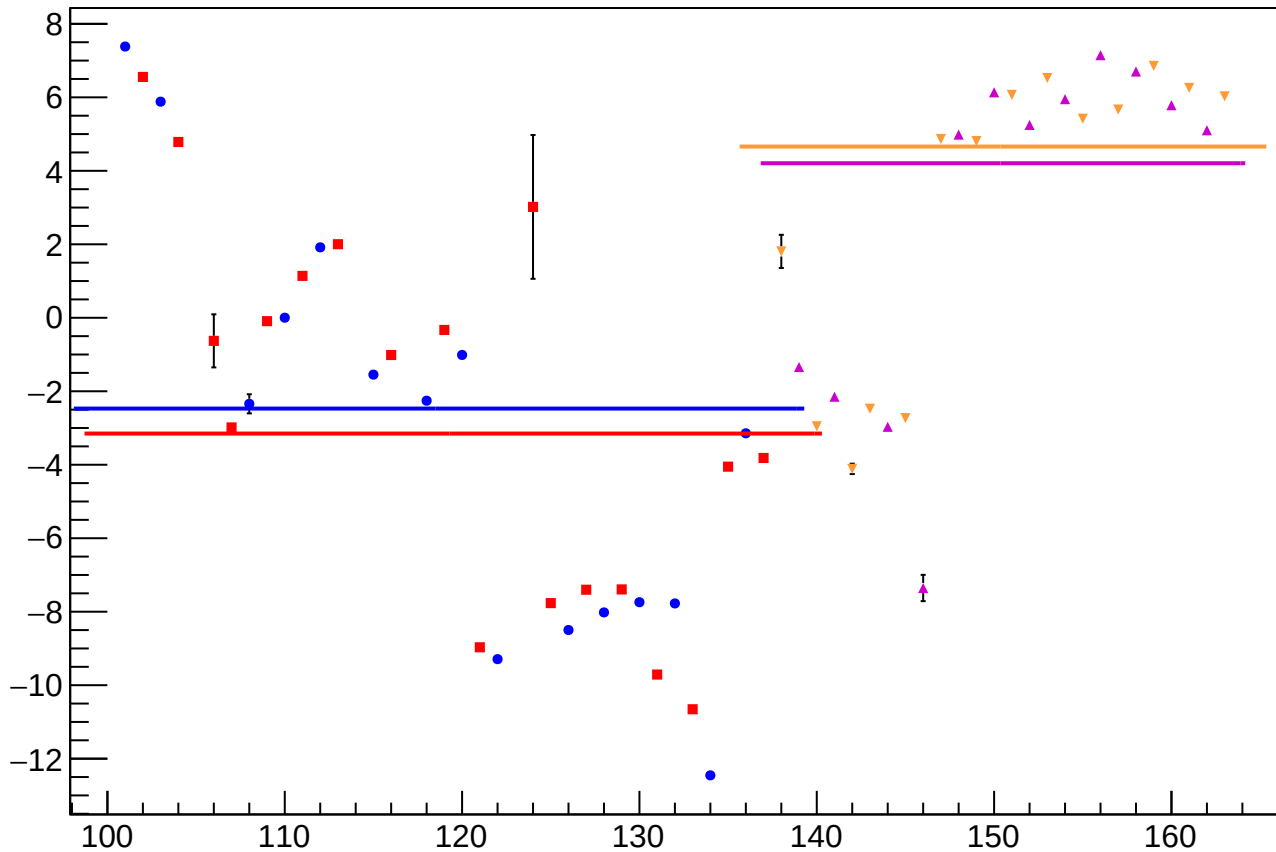
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.657 ± 0.011 $\chi^2/\text{NDF}: 11024.1/26$

Out: 4.696 ± 0.006 $\chi^2/\text{NDF}: 69241.7/31$

All: 4.468 ± 0.005 $\chi^2/\text{NDF}: 87029.5/58$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.661 ± 0.013 $\chi^2/\text{NDF}: 38757.8/13$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.206 ± 0.013 $\chi^2/\text{NDF}: 62464.6/11$

Left: 4.434 ± 0.010 $\chi^2/\text{NDF}: 101790.2/25$

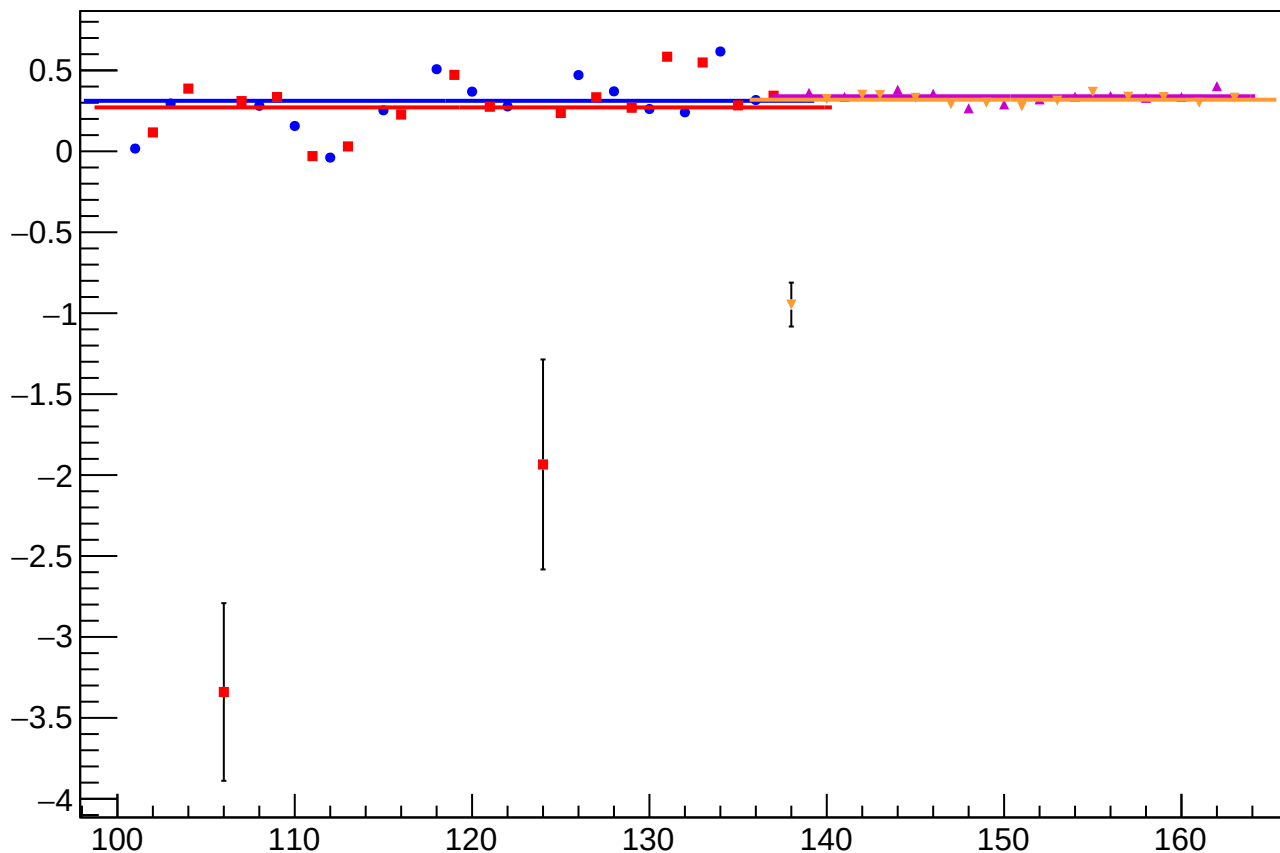
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.017 ± 0.010 $\chi^2/\text{NDF}: 422118.9/26$

Out: -1.331 ± 0.007 $\chi^2/\text{NDF}: 543493.9/31$

All: -0.607 ± 0.005 $\chi^2/\text{NDF}: 1005747.6/58$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.319 ± 0.001 $\chi^2/\text{NDF}: 1316.0/13$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2765.0/11$

Left: 0.329 ± 0.000 $\chi^2/\text{NDF}: 4561.9/25$

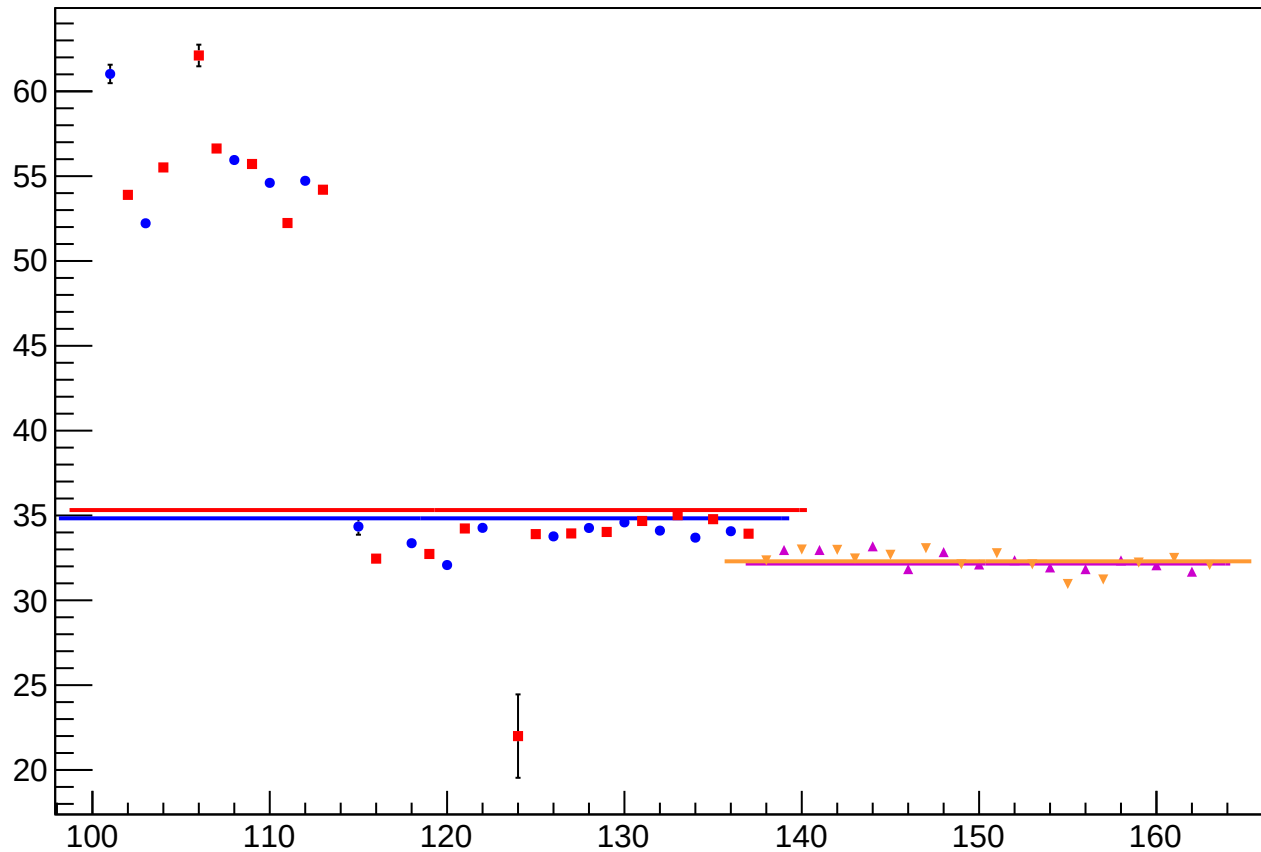
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.334 ± 0.001 $\chi^2/\text{NDF}: 4455.3/26$

Out: 0.314 ± 0.001 $\chi^2/\text{NDF}: 7920.5/31$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 12859.8/58$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.298 $\pm$ 0.005 χ^2 /NDF: 3868.6/13

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.165 $\pm$ 0.004 χ^2 /NDF: 6850.7/11

Left: 32.228 $\pm$ 0.003 χ^2 /NDF: 11165.0/25

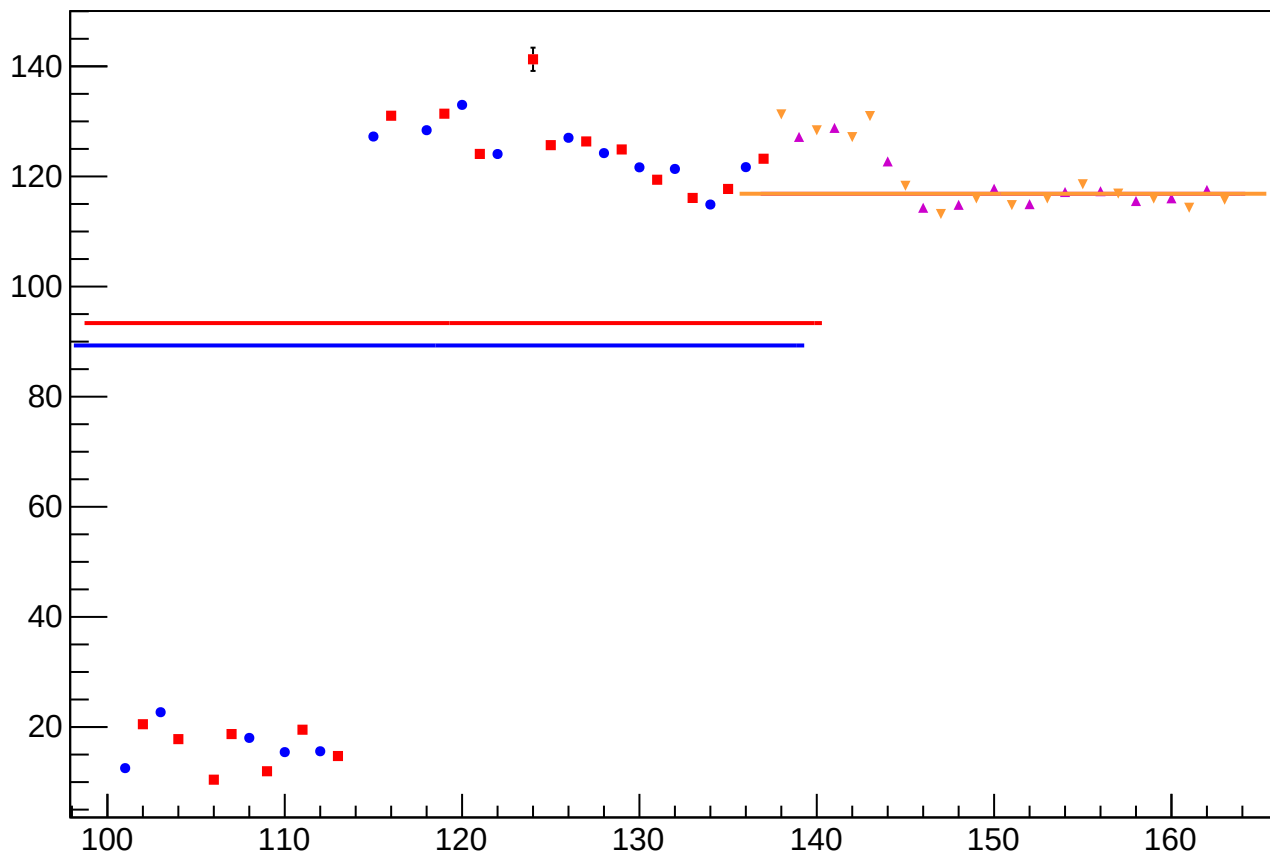
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.704 $\pm$ 0.004 χ^2 /NDF: 328759.4/26

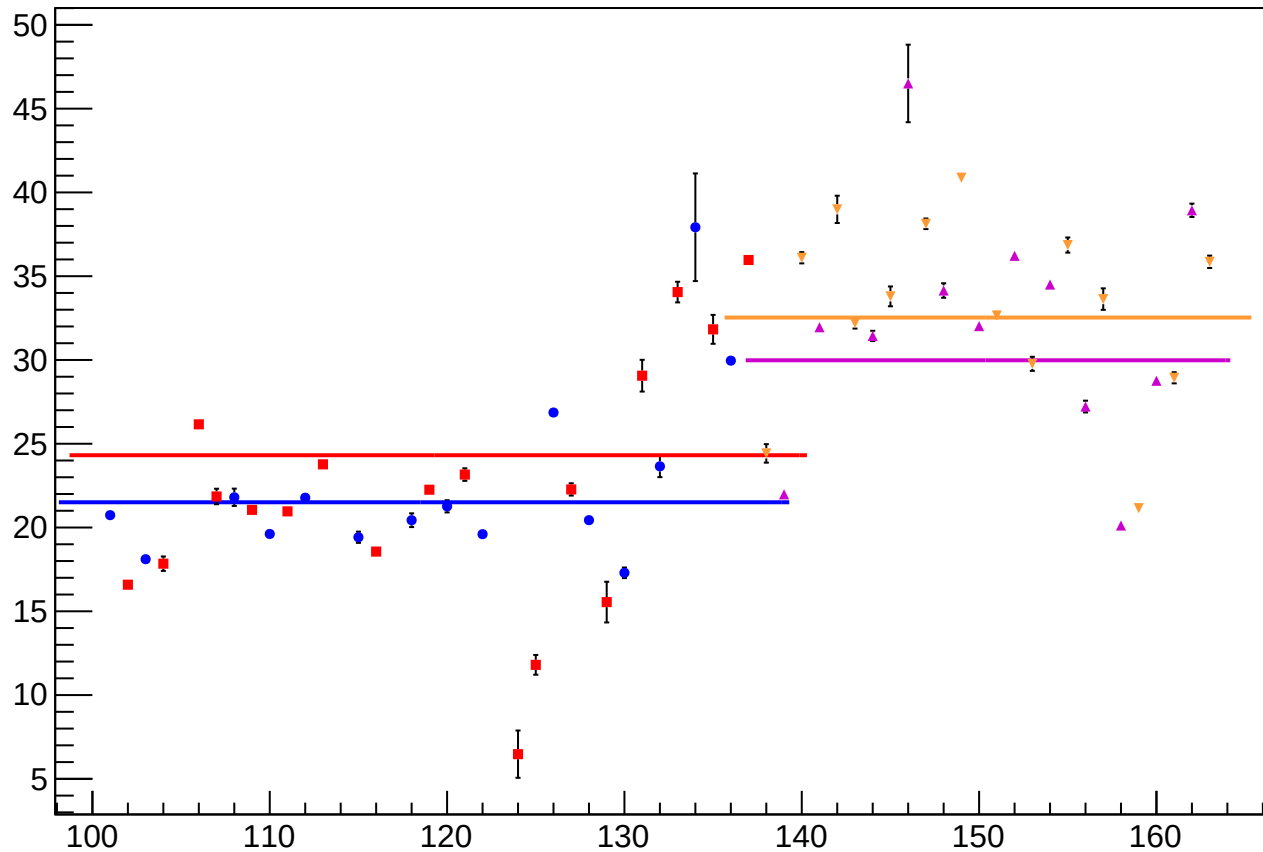
Out: 32.817 $\pm$ 0.004 χ^2 /NDF: 341682.3/31

All: 32.757 $\pm$ 0.003 χ^2 /NDF: 670837.4/58

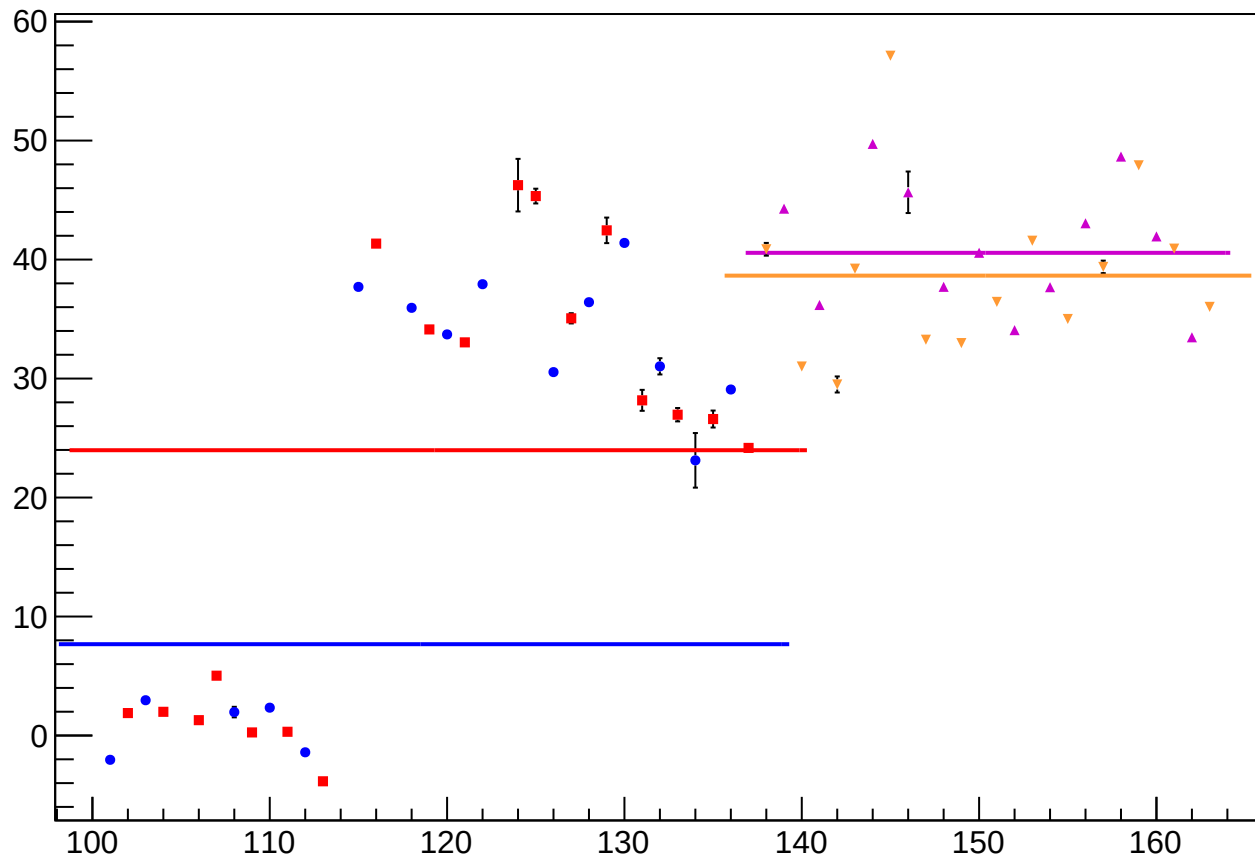
dit_sam5_4eY_slope vs Slug, Sign Corrected



dit_sam6_4aX_slope vs Slug, Sign Corrected



dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 38.650 ± 0.079 χ^2/NDF : 6272.3/13

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.566 ± 0.065 χ^2/NDF : 4107.1/11

Left: 39.789 ± 0.050 χ^2/NDF : 10726.6/25

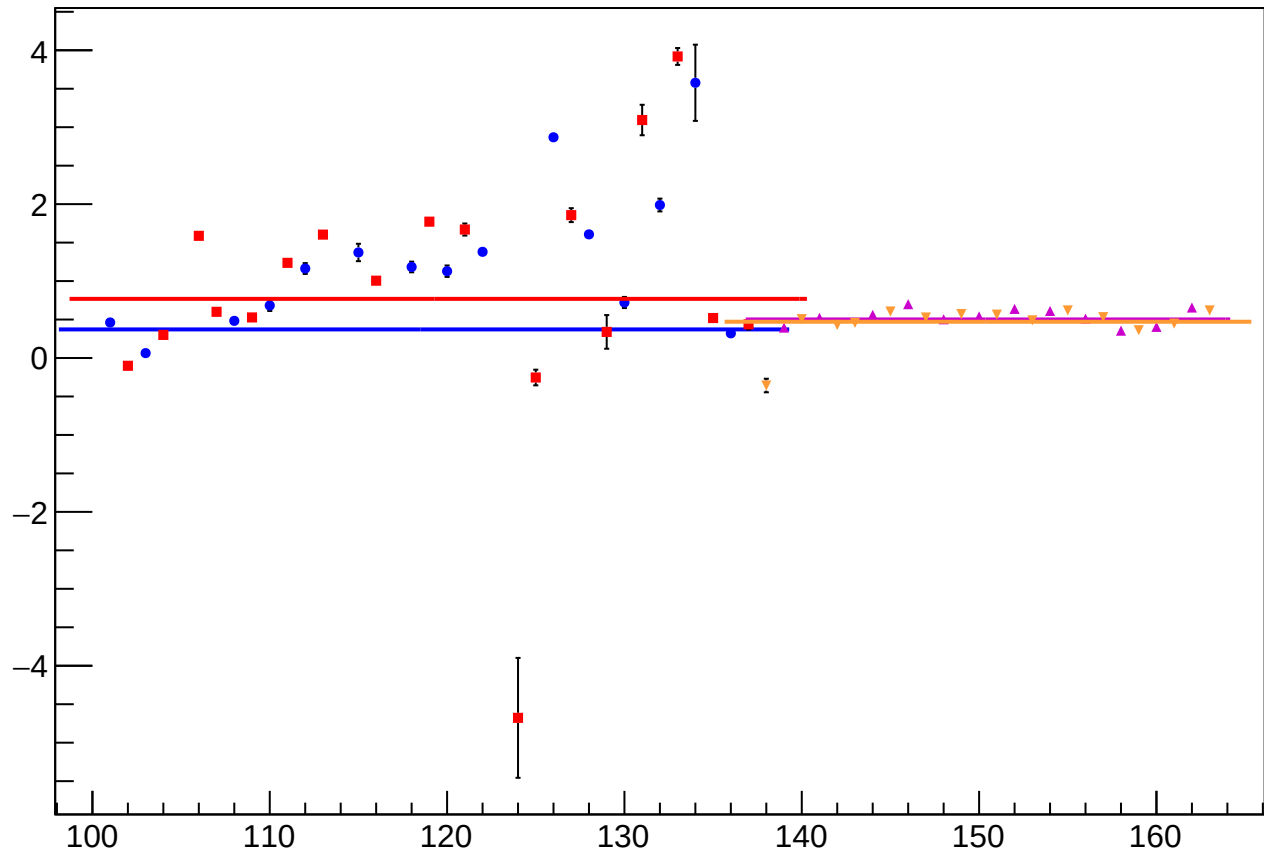
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 18.297 ± 0.037 χ^2/NDF : 271289.1/26

Out: 24.132 ± 0.008 χ^2/NDF : 150713.2/31

All: 23.866 ± 0.008 χ^2/NDF : 445455.1/58

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.471 ± 0.001 χ^2/NDF : 5357.7/13

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.501 ± 0.001 χ^2/NDF : 8500.2/11

Left: 0.487 ± 0.001 χ^2/NDF : 14144.7/25

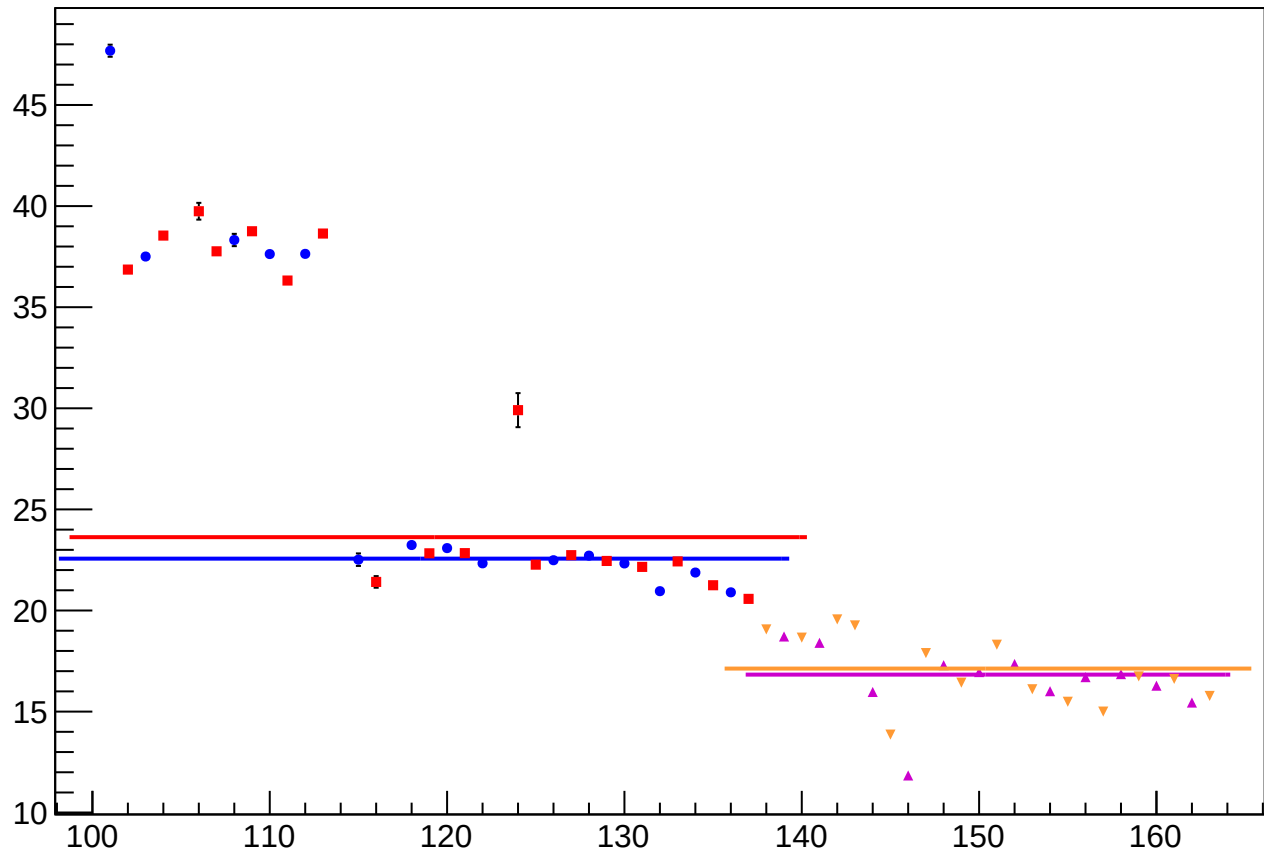
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.492 ± 0.001 χ^2/NDF : 14068.3/26

Out: 0.481 ± 0.001 χ^2/NDF : 11274.6/31

All: 0.487 ± 0.001 χ^2/NDF : 25383.1/58

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.128 $\pm$ 0.007 χ^2 /NDF: 46883.0/13

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.829 $\pm$ 0.008 χ^2 /NDF: 14545.0/11

Left: 16.995 $\pm$ 0.005 χ^2 /NDF: 62201.6/25

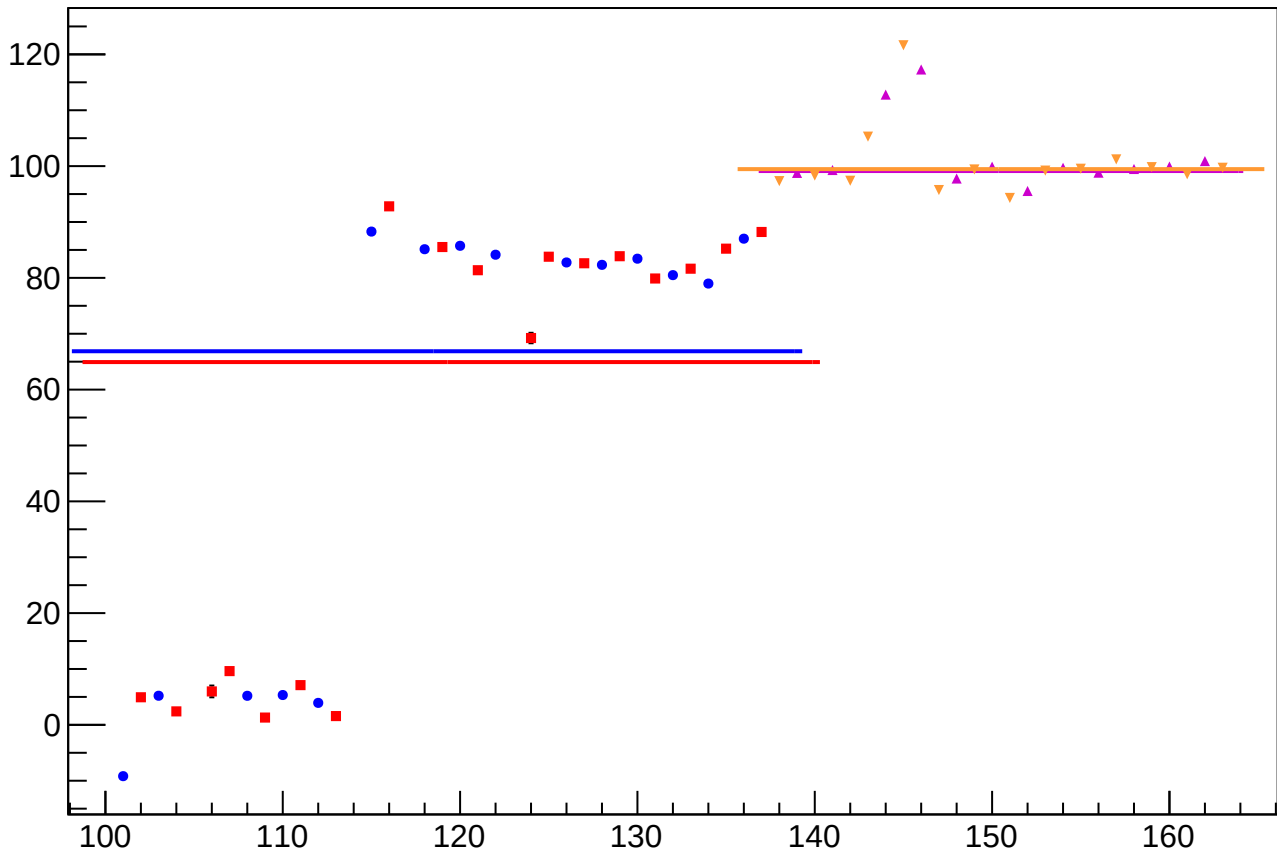
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.023 $\pm$ 0.006 χ^2 /NDF: 303674.2/26

Out: 19.016 $\pm$ 0.006 χ^2 /NDF: 408045.5/31

All: 19.019 $\pm$ 0.004 χ^2 /NDF: 711720.4/58

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.462 $\pm$ 0.014 χ^2 /NDF: 69219.7/13

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.120 $\pm$ 0.014 χ^2 /NDF: 16391.7/11

Left: 99.292 $\pm$ 0.010 χ^2 /NDF: 85929.6/25

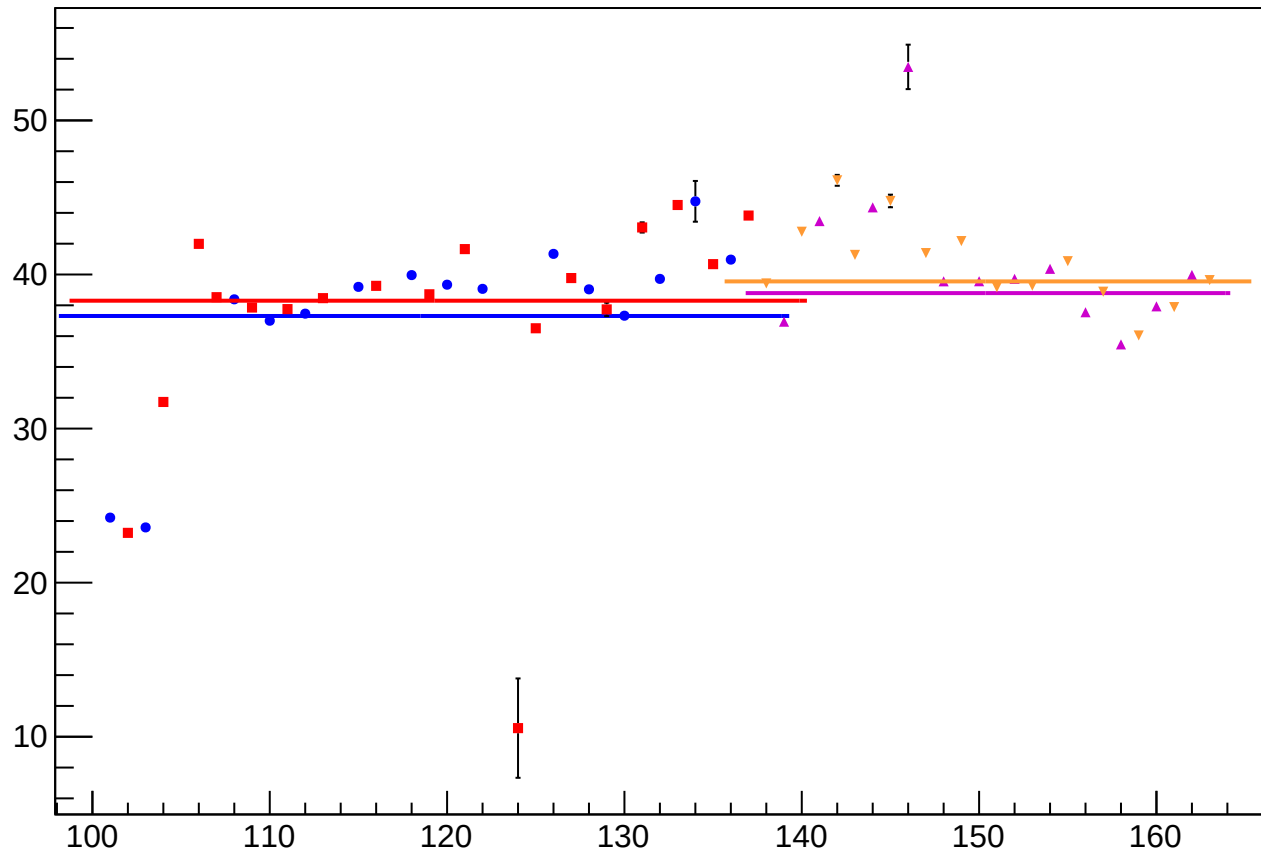
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 92.620 $\pm$ 0.012 χ^2 /NDF: 2644989.3/26

Out: 93.540 $\pm$ 0.012 χ^2 /NDF: 2521803.6/31

All: 93.074 $\pm$ 0.009 χ^2 /NDF: 5169621.4/58

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.552 $\pm$ 0.037 χ^2 /NDF: 3876.5/13

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.793 $\pm$ 0.029 χ^2 /NDF: 5329.5/11

Left: 39.080 $\pm$ 0.023 χ^2 /NDF: 9472.2/25

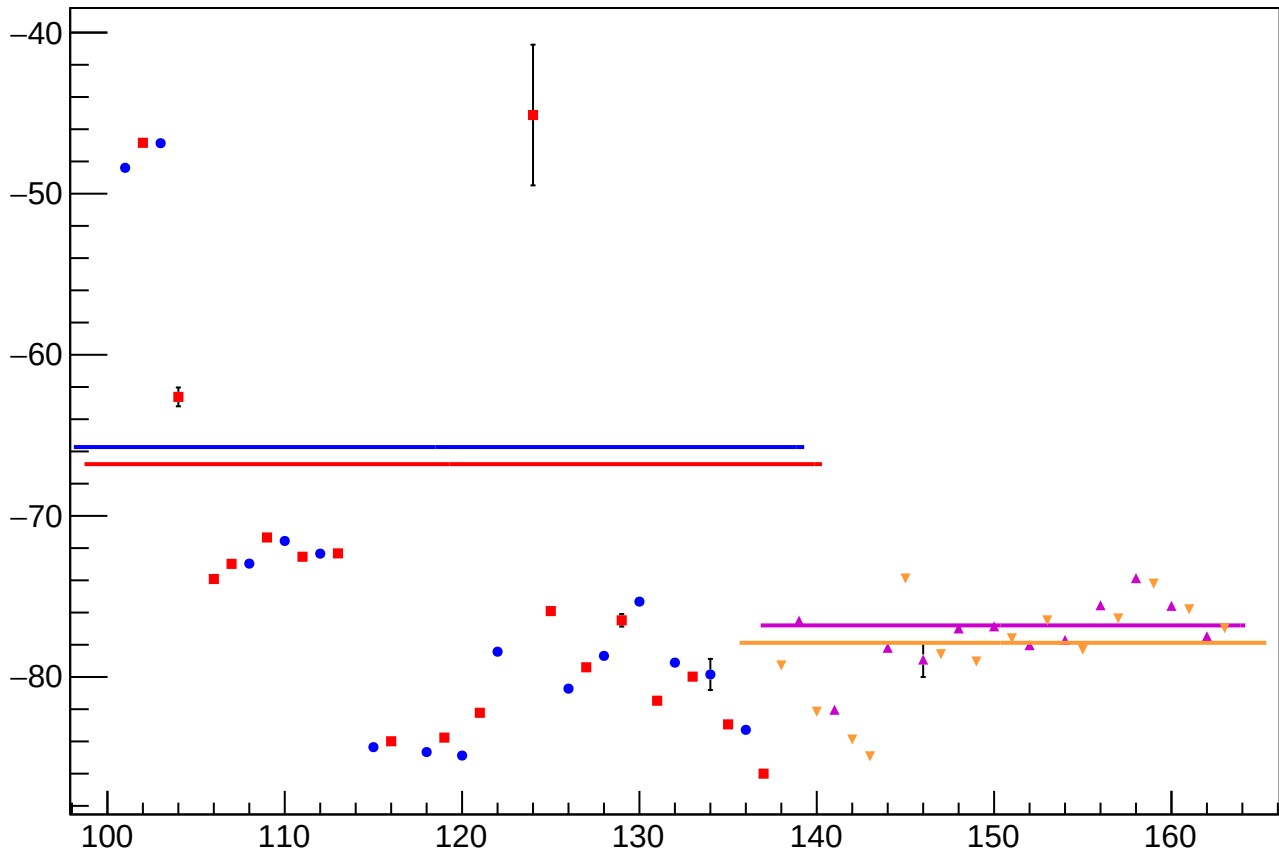
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.893 $\pm$ 0.018 χ^2 /NDF: 66539.4/26

Out: 38.598 $\pm$ 0.018 χ^2 /NDF: 23603.0/31

All: 38.246 $\pm$ 0.013 χ^2 /NDF: 90914.7/58

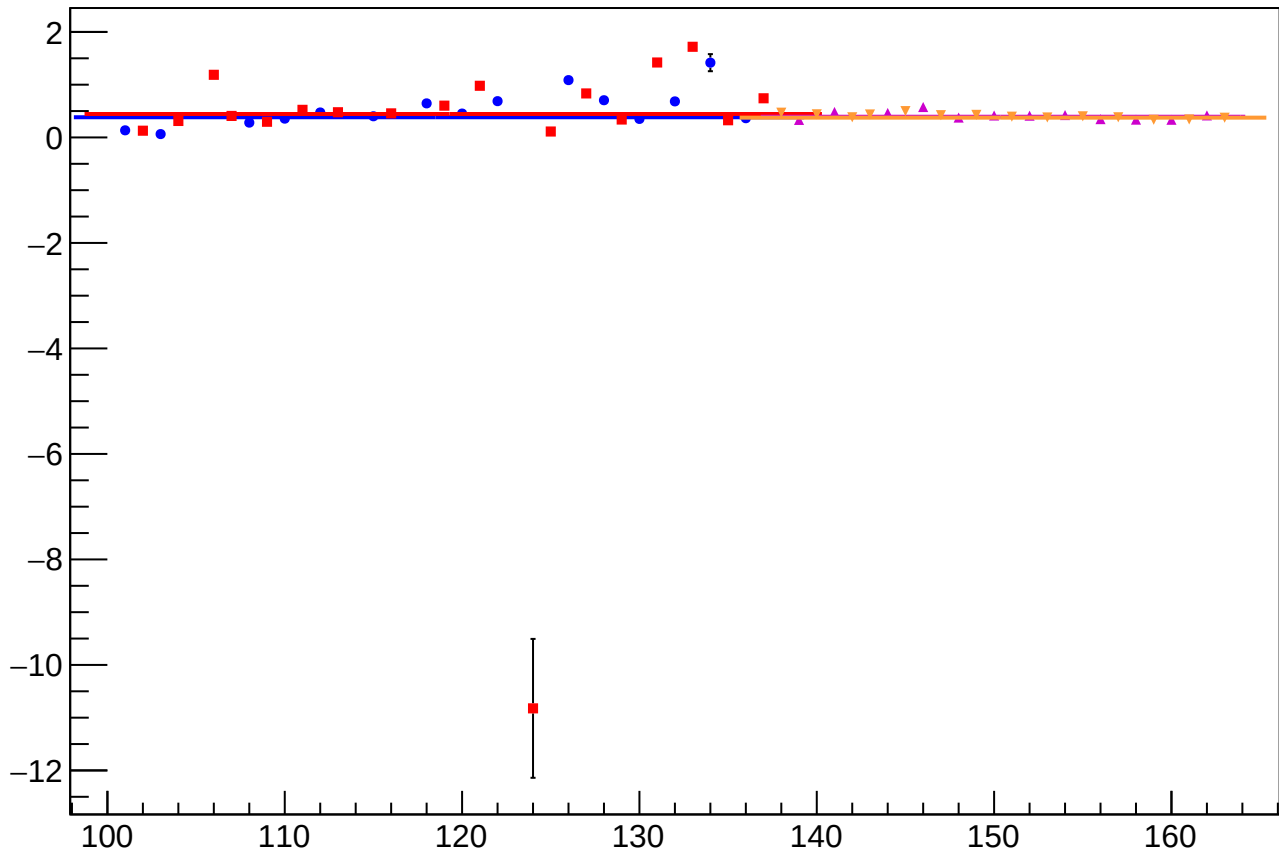
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -77.878 ± 0.031 $\chi^2/\text{NDF}: 11249.0/13$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.798 ± 0.023 $\chi^2/\text{NDF}: 4753.0/11$

Left: -77.187 ± 0.018 $\chi^2/\text{NDF}: 16801.8/25$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.618 ± 0.014 $\chi^2/\text{NDF}: 1059509.8/26$
 Out: -69.130 ± 0.014 $\chi^2/\text{NDF}: 924565.2/31$
 All: -69.382 ± 0.010 $\chi^2/\text{NDF}: 1984699.0/58$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.375 $\pm$ 0.001 χ^2 /NDF: 5351.4/13

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.392 $\pm$ 0.001 χ^2 /NDF: 6300.8/11

Left: 0.384 $\pm$ 0.000 χ^2 /NDF: 12132.5/25

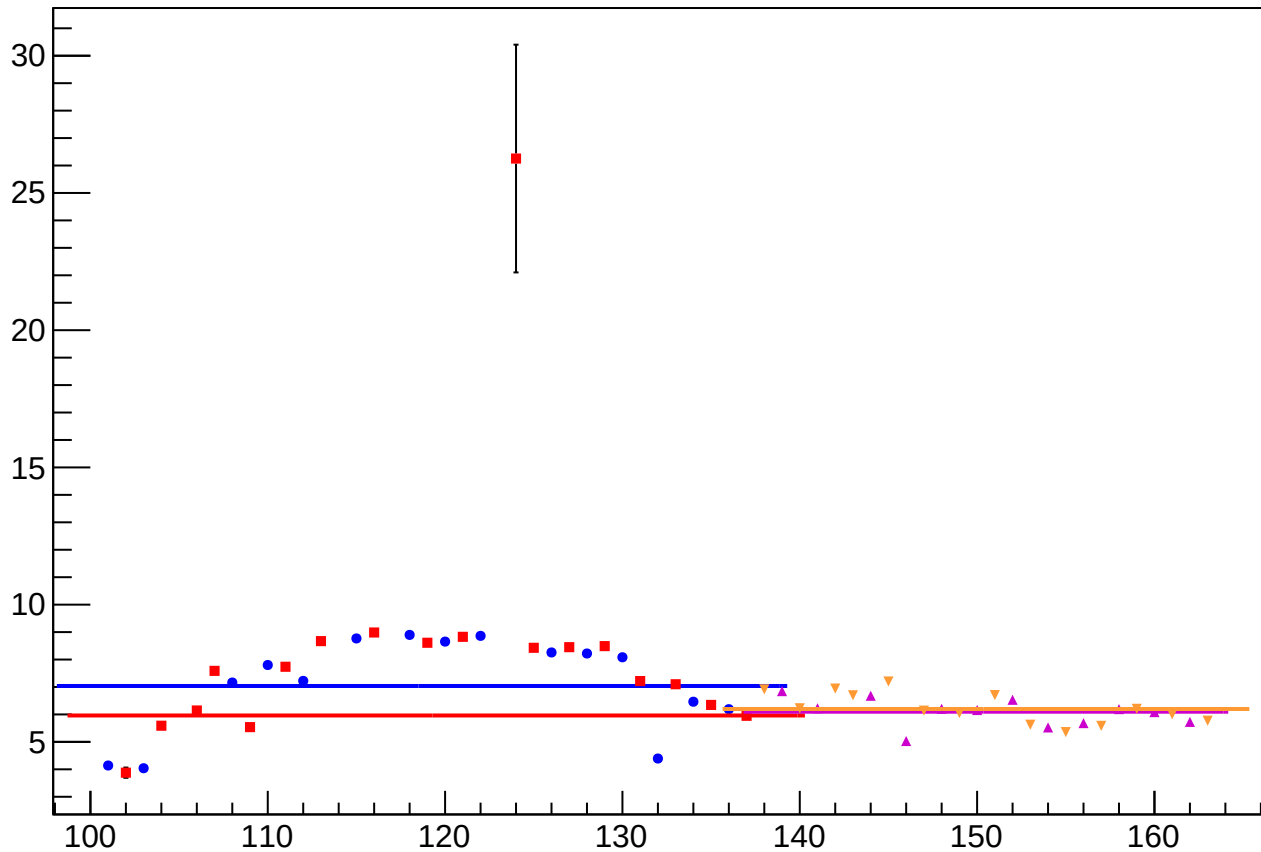
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14498.8/26

Out: 0.377 $\pm$ 0.001 χ^2 /NDF: 8484.6/31

All: 0.385 $\pm$ 0.000 χ^2 /NDF: 23359.0/58

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.198 ± 0.002 χ^2/NDF : 26960.2/13

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.100 ± 0.002 χ^2/NDF : 28749.6/11

Left: 6.142 ± 0.001 χ^2/NDF : 57150.6/25

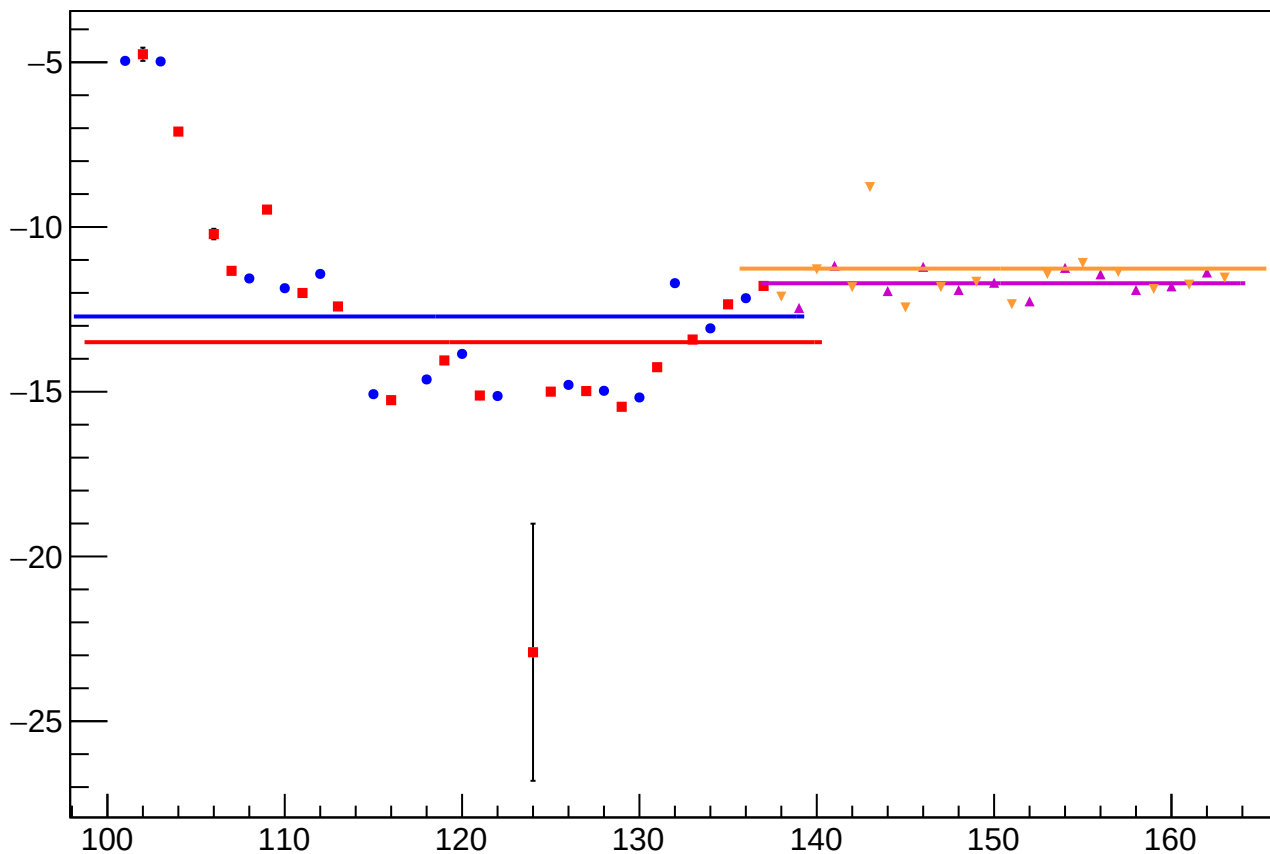
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.215 ± 0.002 χ^2/NDF : 136250.7/26

Out: 5.972 ± 0.000 χ^2/NDF : 209385.6/31

All: 5.986 ± 0.000 χ^2/NDF : 367736.9/58

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.263 $\pm$ 0.003 χ^2 /NDF: 196848.5/13

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.707 $\pm$ 0.002 χ^2 /NDF: 13038.9/11

Left: -11.499 $\pm$ 0.002 χ^2 /NDF: 226411.9/25

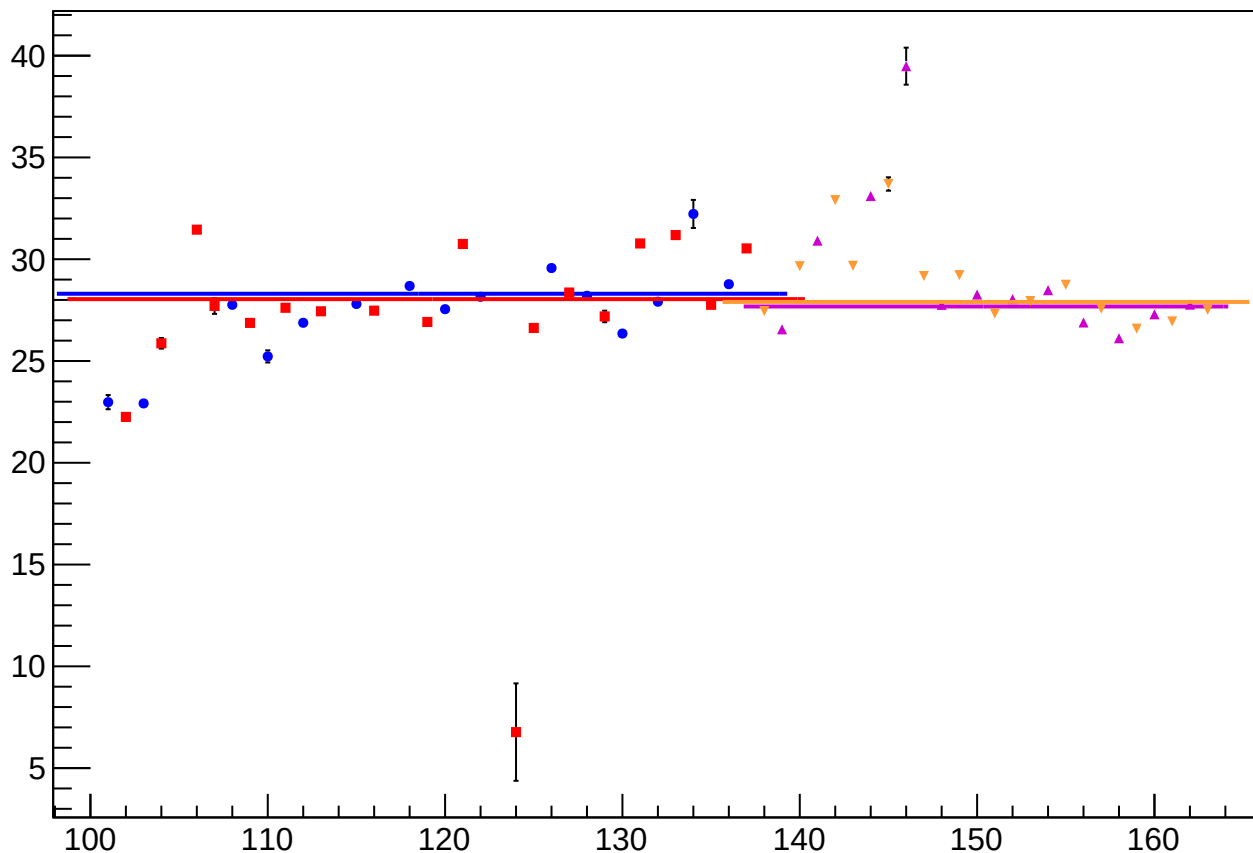
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.830 $\pm$ 0.002 χ^2 /NDF: 120208.8/26

Out: -11.617 $\pm$ 0.002 χ^2 /NDF: 376880.1/31

All: -11.727 $\pm$ 0.002 χ^2 /NDF: 501501.7/58

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.903 ± 0.021 $\chi^2/\text{NDF}: 3551.5/13$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.678 ± 0.017 $\chi^2/\text{NDF}: 4533.3/11$

Left: 27.767 ± 0.013 $\chi^2/\text{NDF}: 8152.7/25$

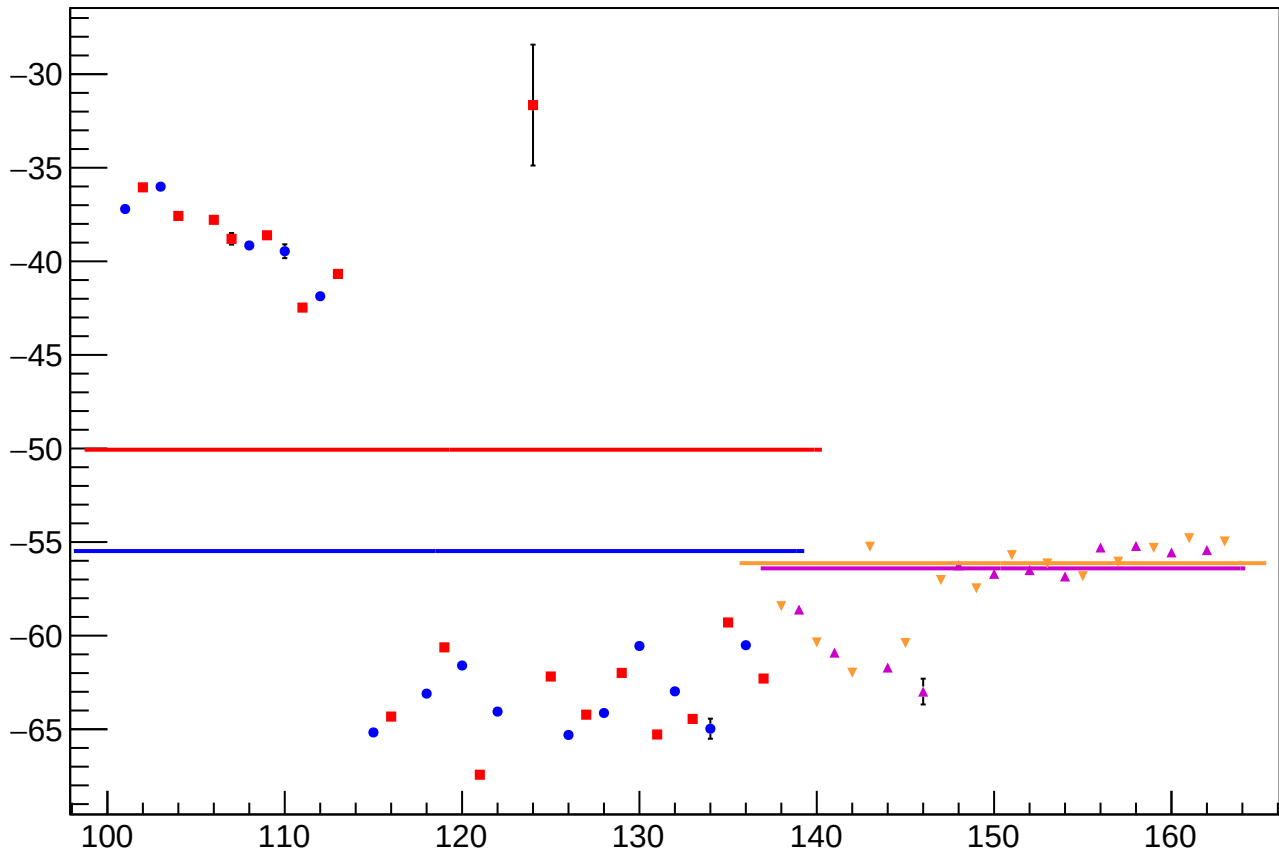
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.900 ± 0.014 $\chi^2/\text{NDF}: 8407.5/26$

Out: 27.948 ± 0.017 $\chi^2/\text{NDF}: 6126.7/31$

All: 27.919 ± 0.011 $\chi^2/\text{NDF}: 14538.8/58$

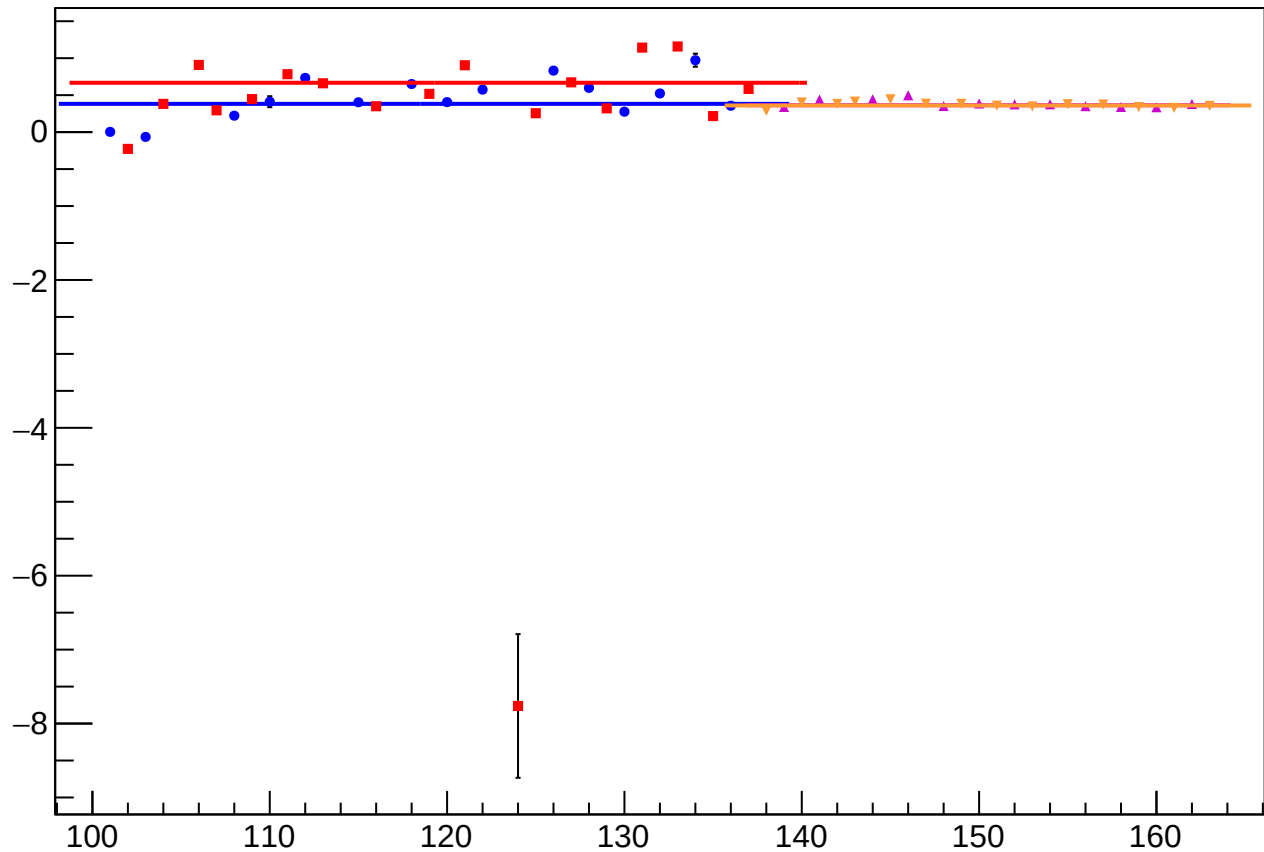
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.127 ± 0.018 $\chi^2/\text{NDF}: 6577.3/13$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.405 ± 0.014 $\chi^2/\text{NDF}: 8058.4/11$

Left: -56.296 ± 0.011 $\chi^2/\text{NDF}: 14780.6/25$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.006 ± 0.011 $\chi^2/\text{NDF}: 604971.4/26$
 Out: -53.844 ± 0.014 $\chi^2/\text{NDF}: 389514.8/31$
 All: -55.206 ± 0.009 $\chi^2/\text{NDF}: 1009092.9/58$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.360 $\pm$ 0.000 χ^2 /NDF:3859.3/13

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.364 $\pm$ 0.000 χ^2 /NDF:4926.9/11

Left: 0.362 $\pm$ 0.000 χ^2 /NDF: 8827.8/25

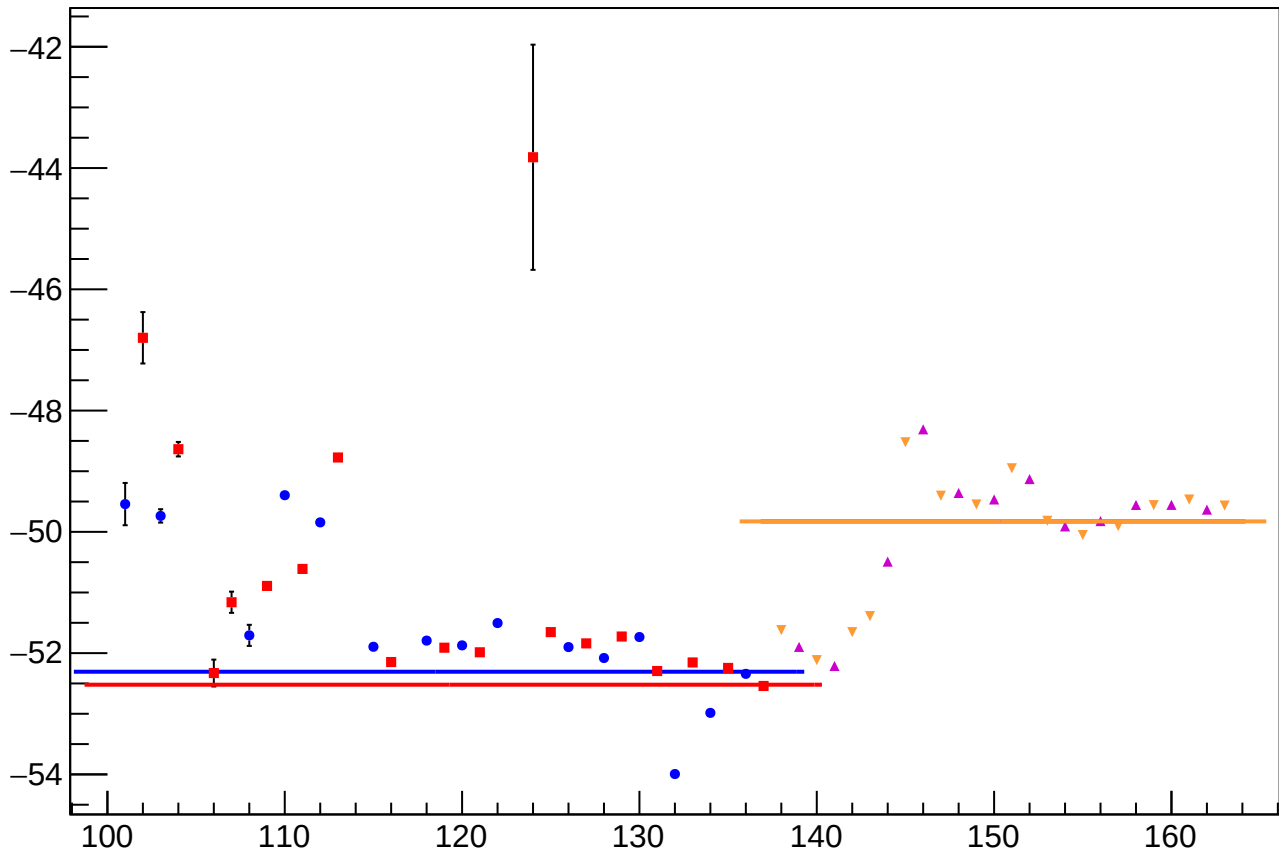
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.365 $\pm$ 0.000 χ^2 /NDF:9647.6/26

Out: 0.363 $\pm$ 0.000 χ^2 /NDF:11979.1/31

All: 0.364 $\pm$ 0.000 χ^2 /NDF: 21640.7/58

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.827 $\pm$ 0.002 χ^2 /NDF:167658.1/13

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.828 $\pm$ 0.002 χ^2 /NDF:233165.4/11

Left: -49.828 $\pm$ 0.001 χ^2 /NDF: 400823.5/25

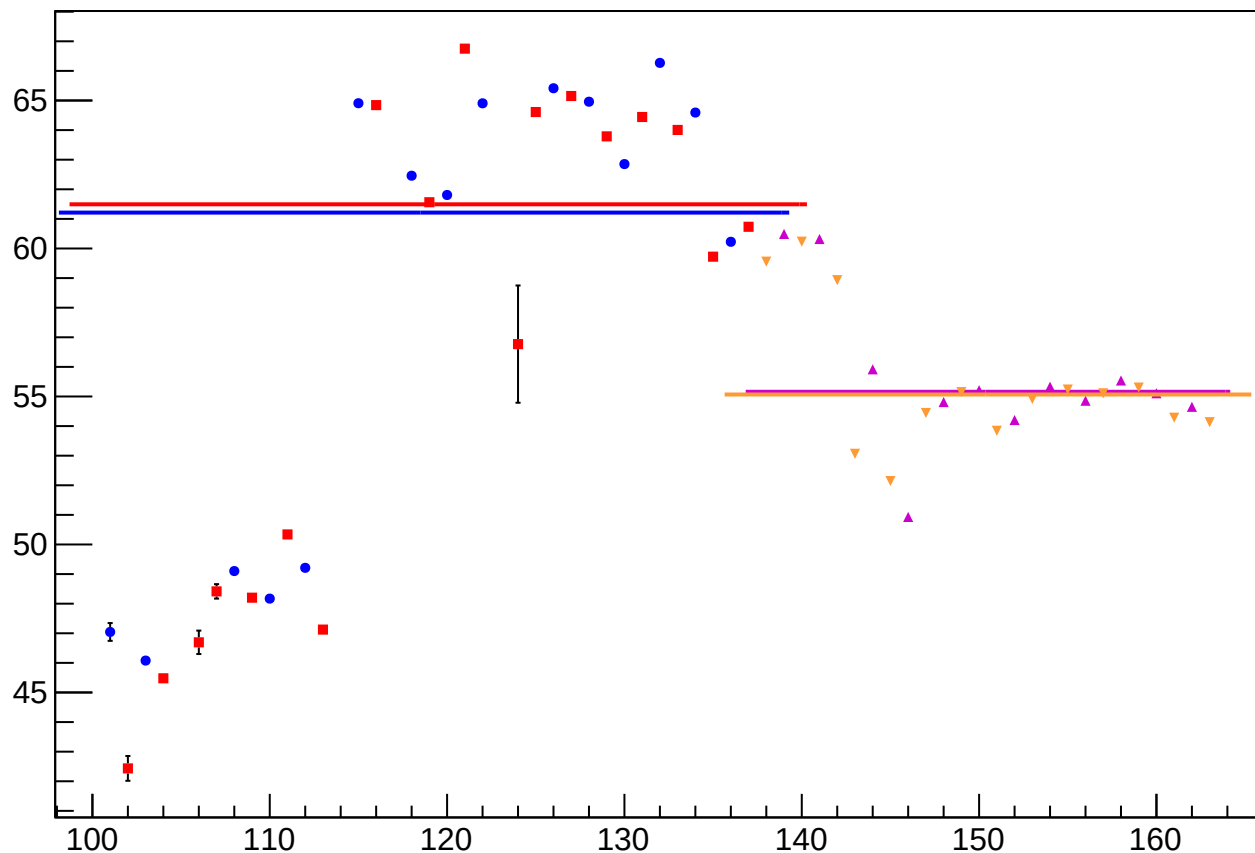
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.192 $\pm$ 0.001 χ^2 /NDF:606673.4/26

Out: -51.725 $\pm$ 0.001 χ^2 /NDF:1942884.6/31

All: -51.297 $\pm$ 0.001 χ^2 /NDF: 3316115.9/58

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.067 ± 0.004 $\chi^2/\text{NDF}: 203600.0/13$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.159 ± 0.003 $\chi^2/\text{NDF}: 61985.5/11$

Left: 55.120 ± 0.002 $\chi^2/\text{NDF}: 265968.8/25$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.685 ± 0.003 $\chi^2/\text{NDF}: 558159.1/26$

Out: 56.480 ± 0.003 $\chi^2/\text{NDF}: 1161025.1/31$

All: 56.054 ± 0.002 $\chi^2/\text{NDF}: 1753358.3/58$

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

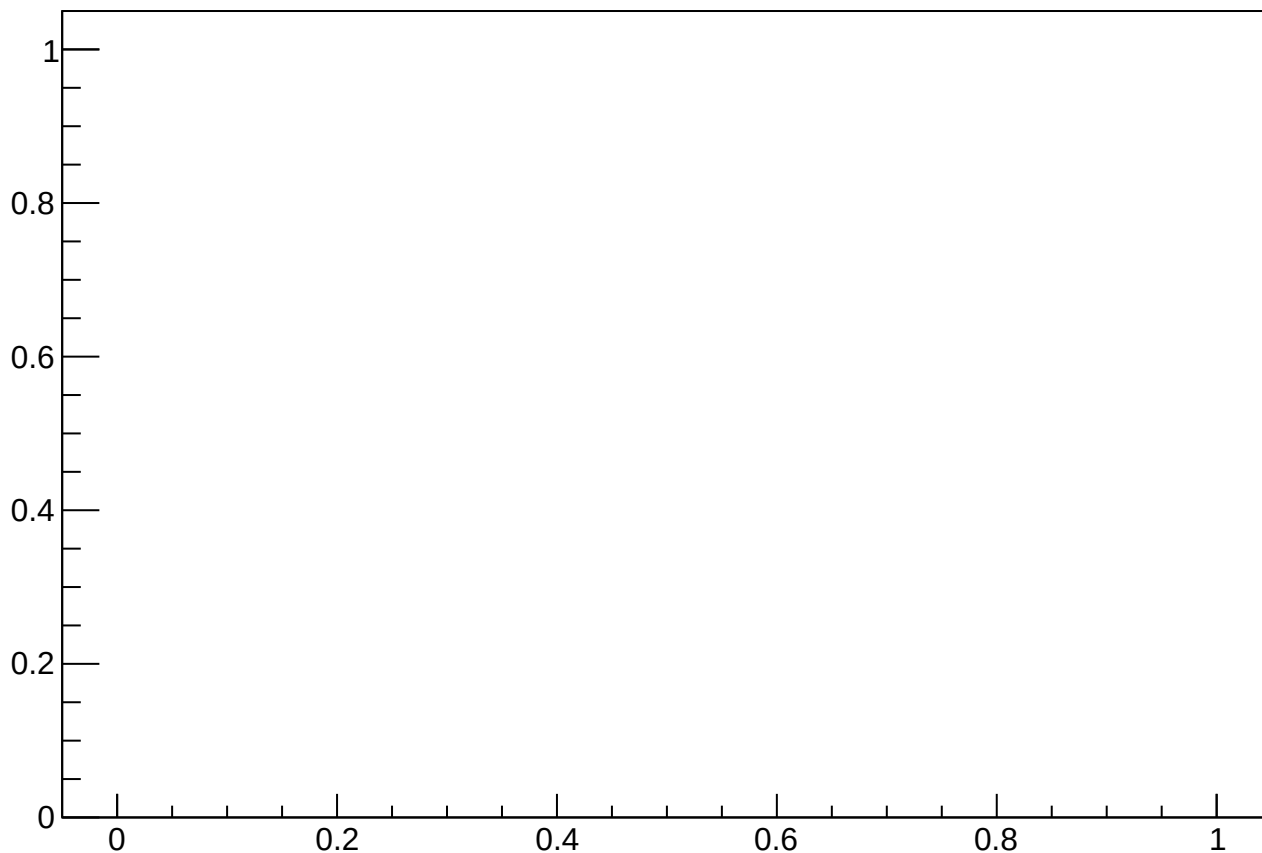
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

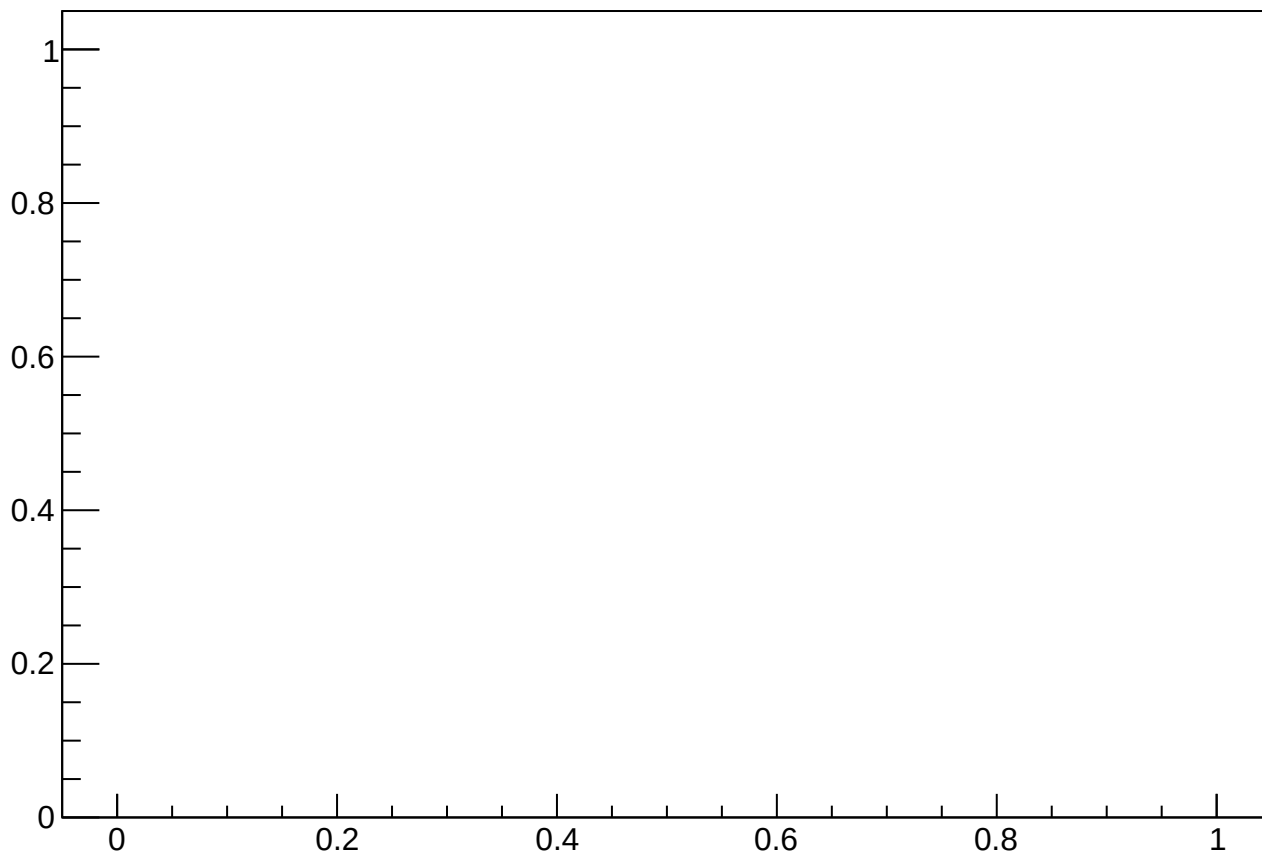
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

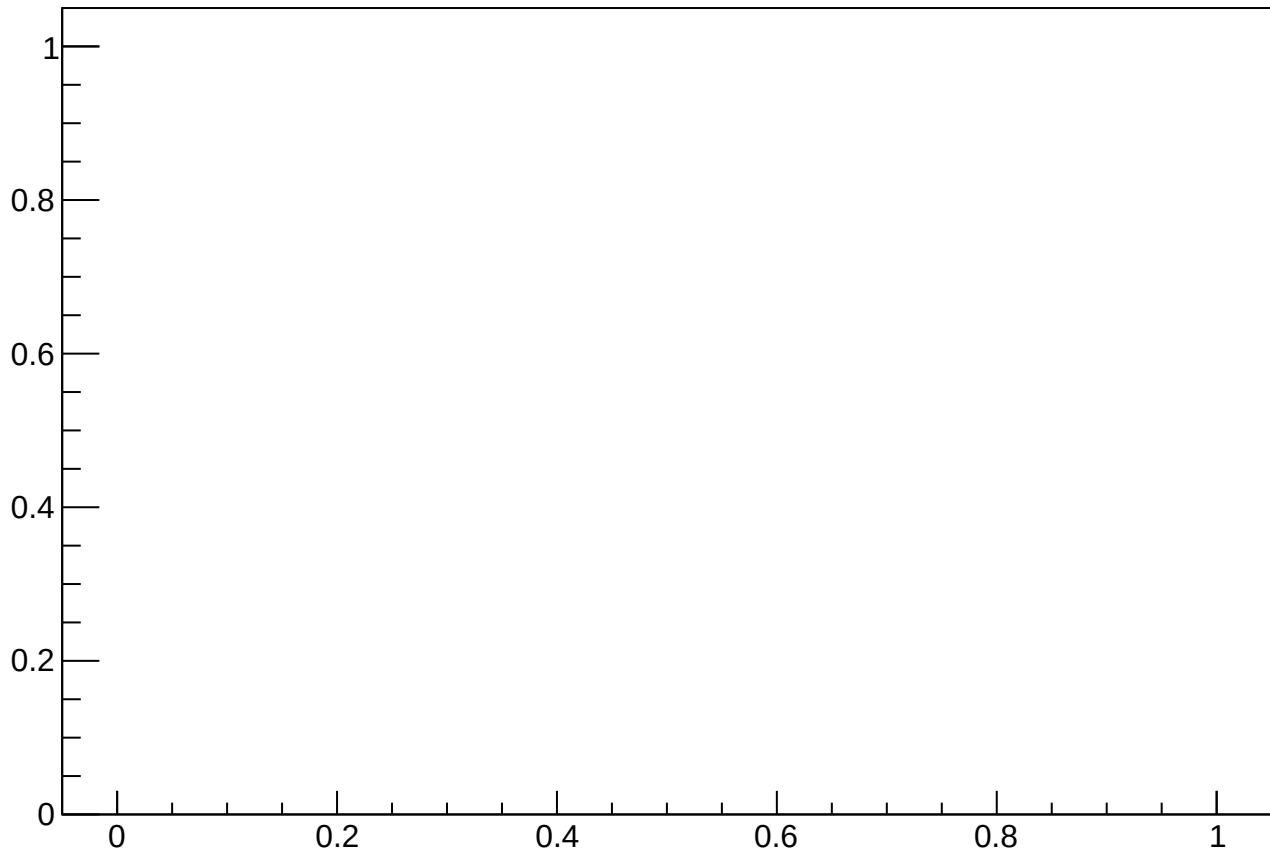
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

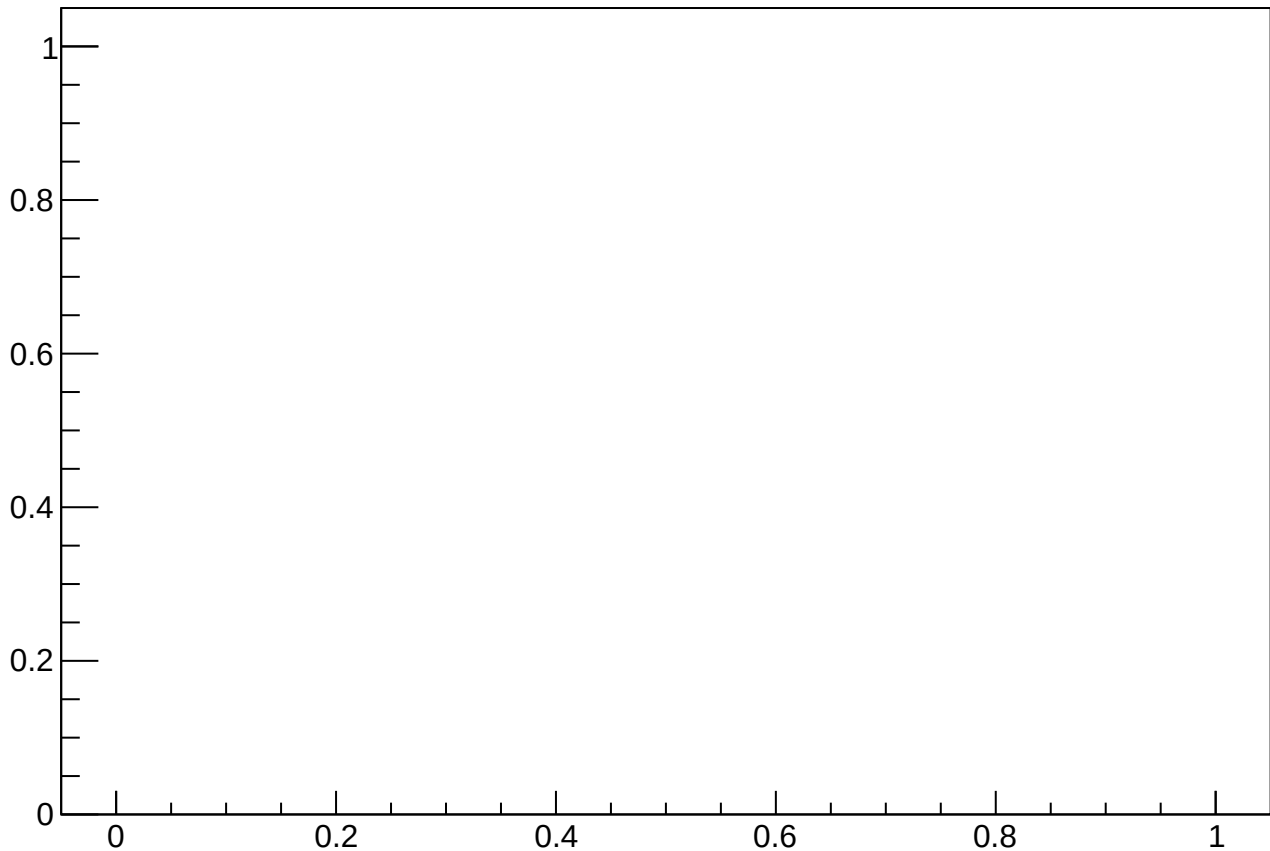
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

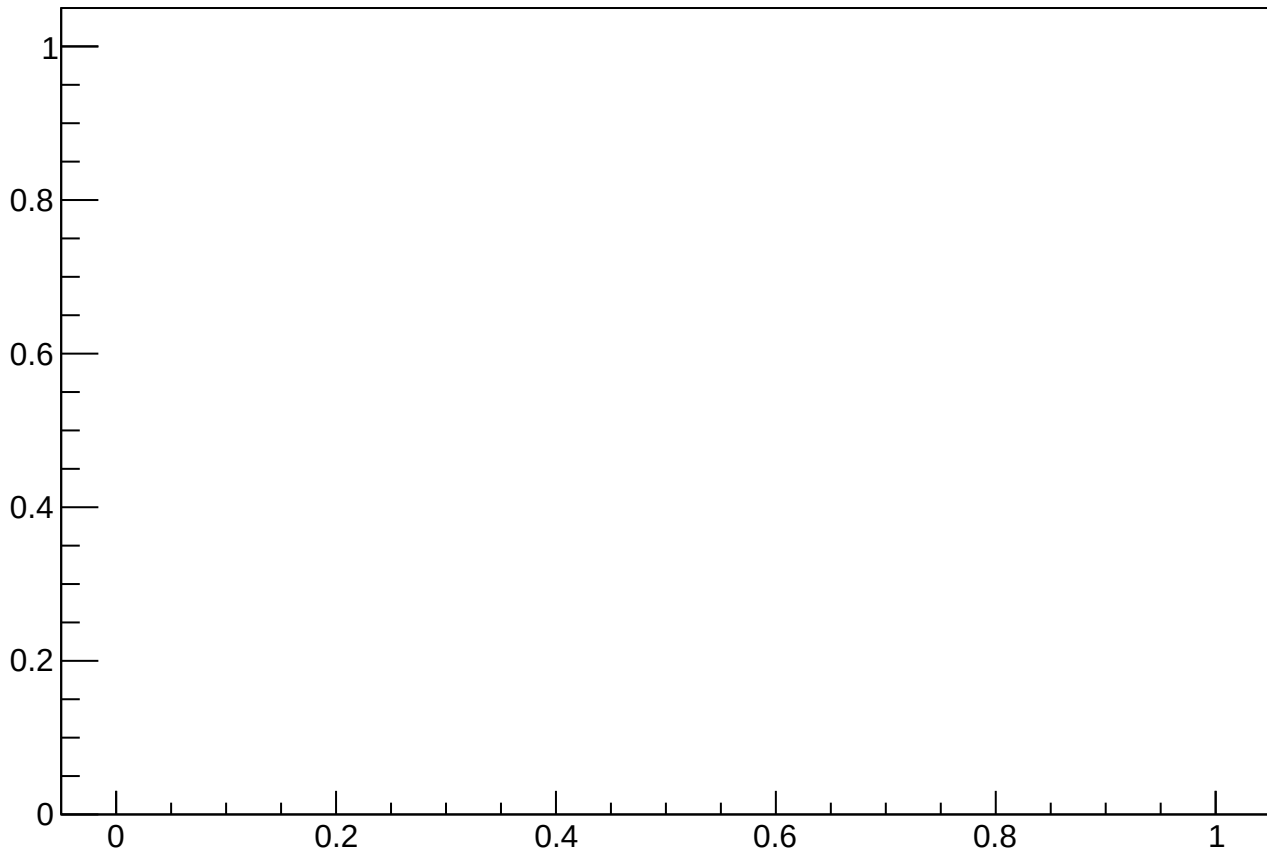
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

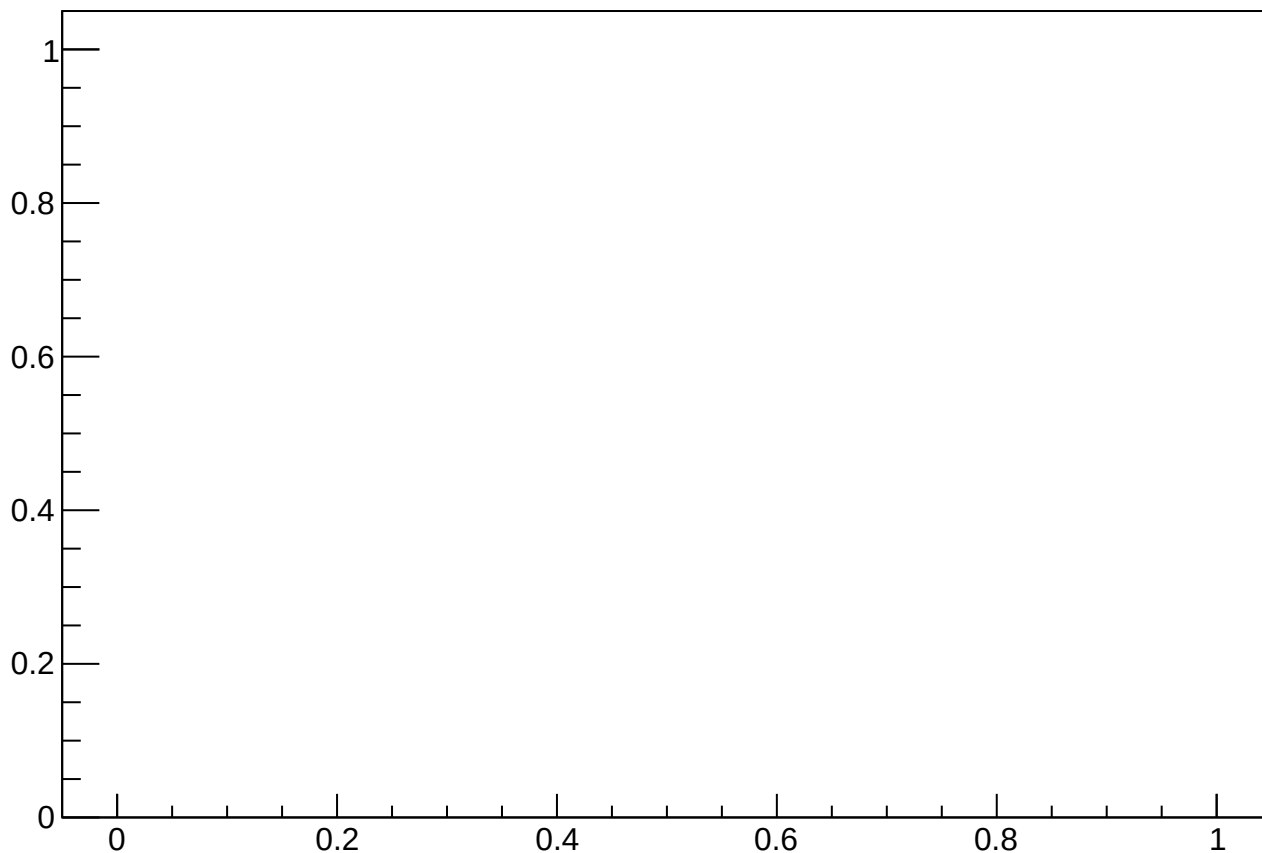
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

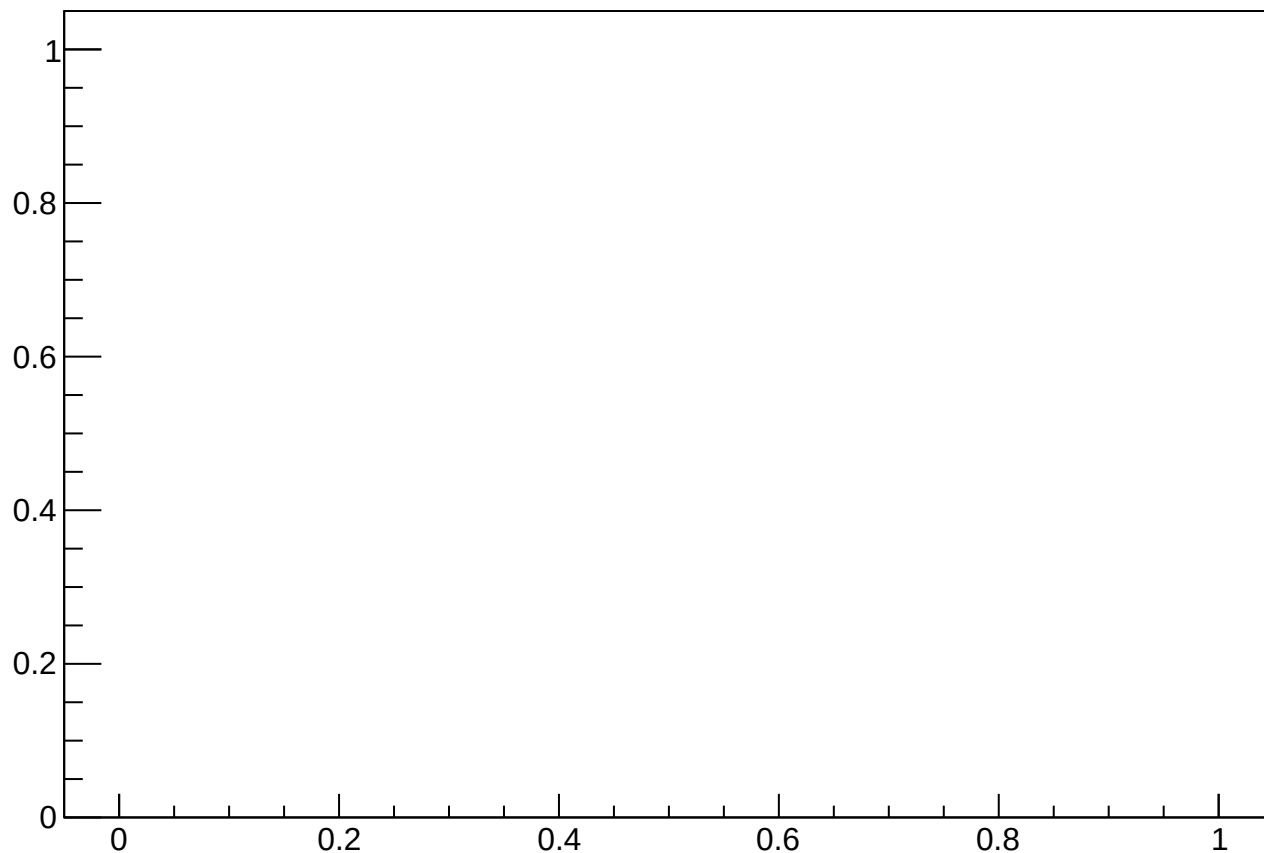
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

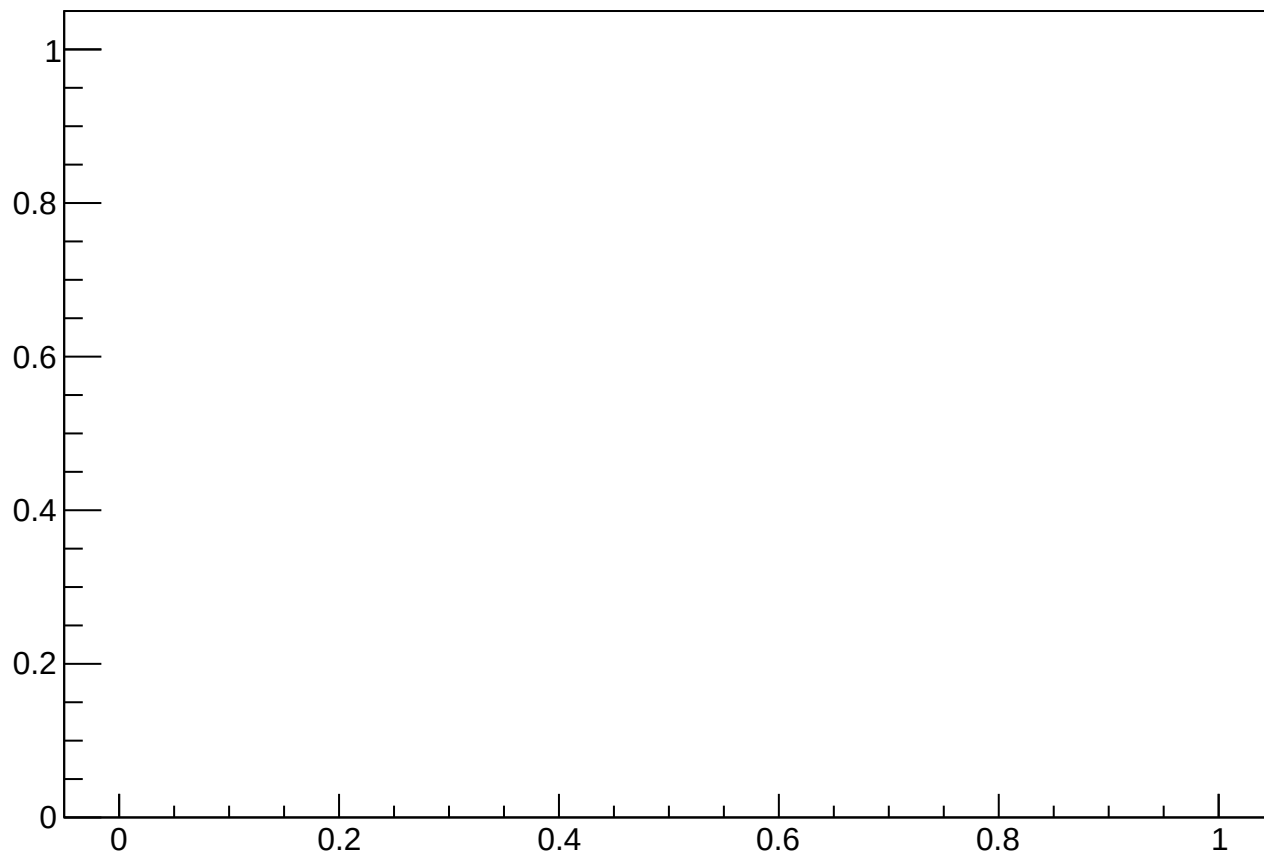
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

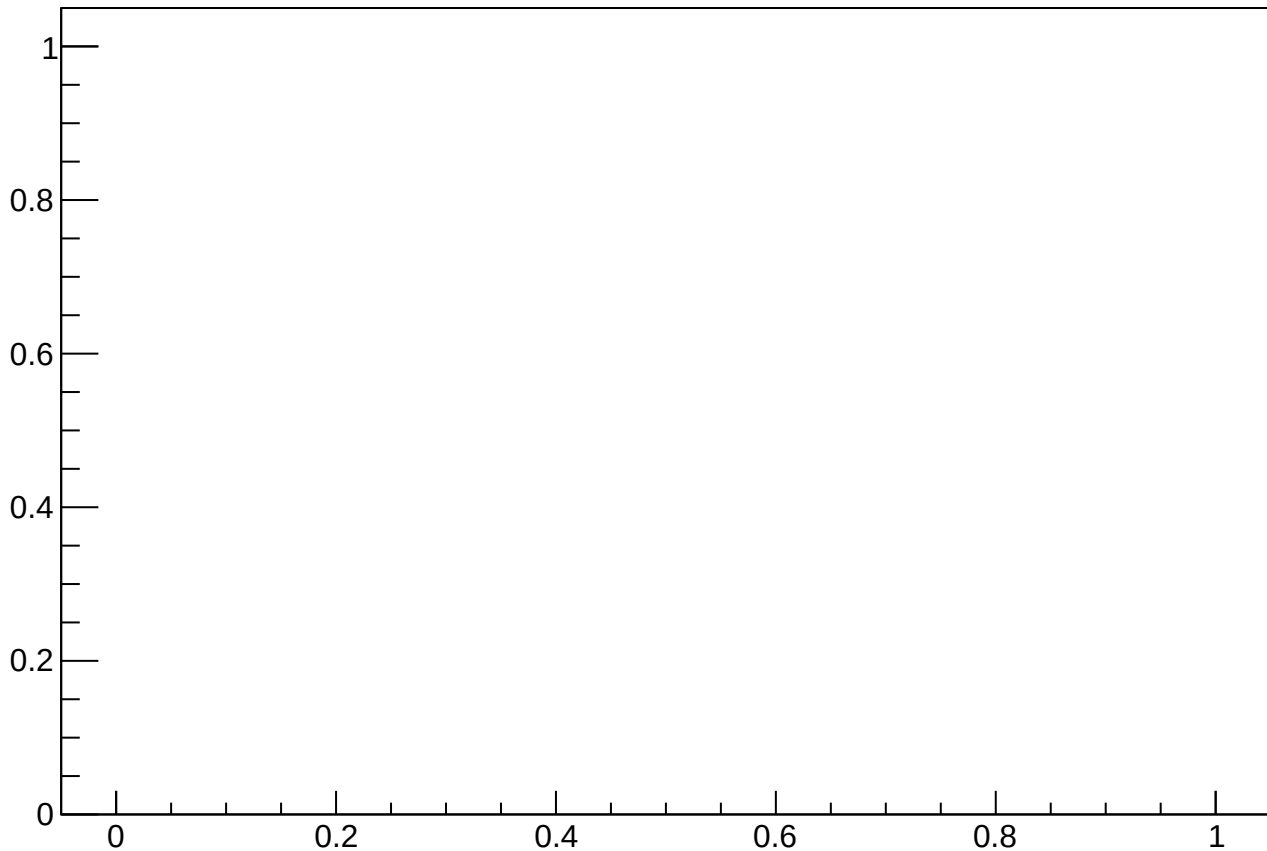
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

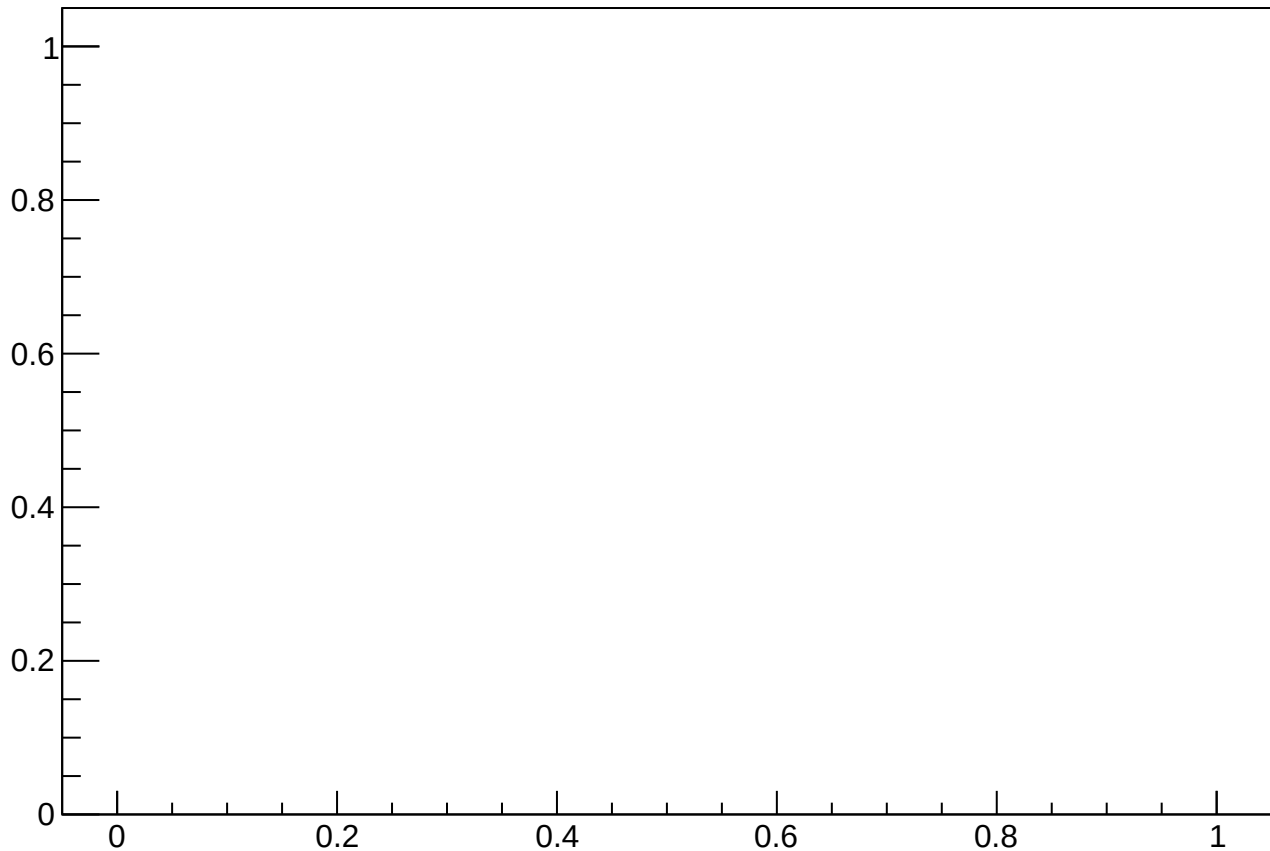
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

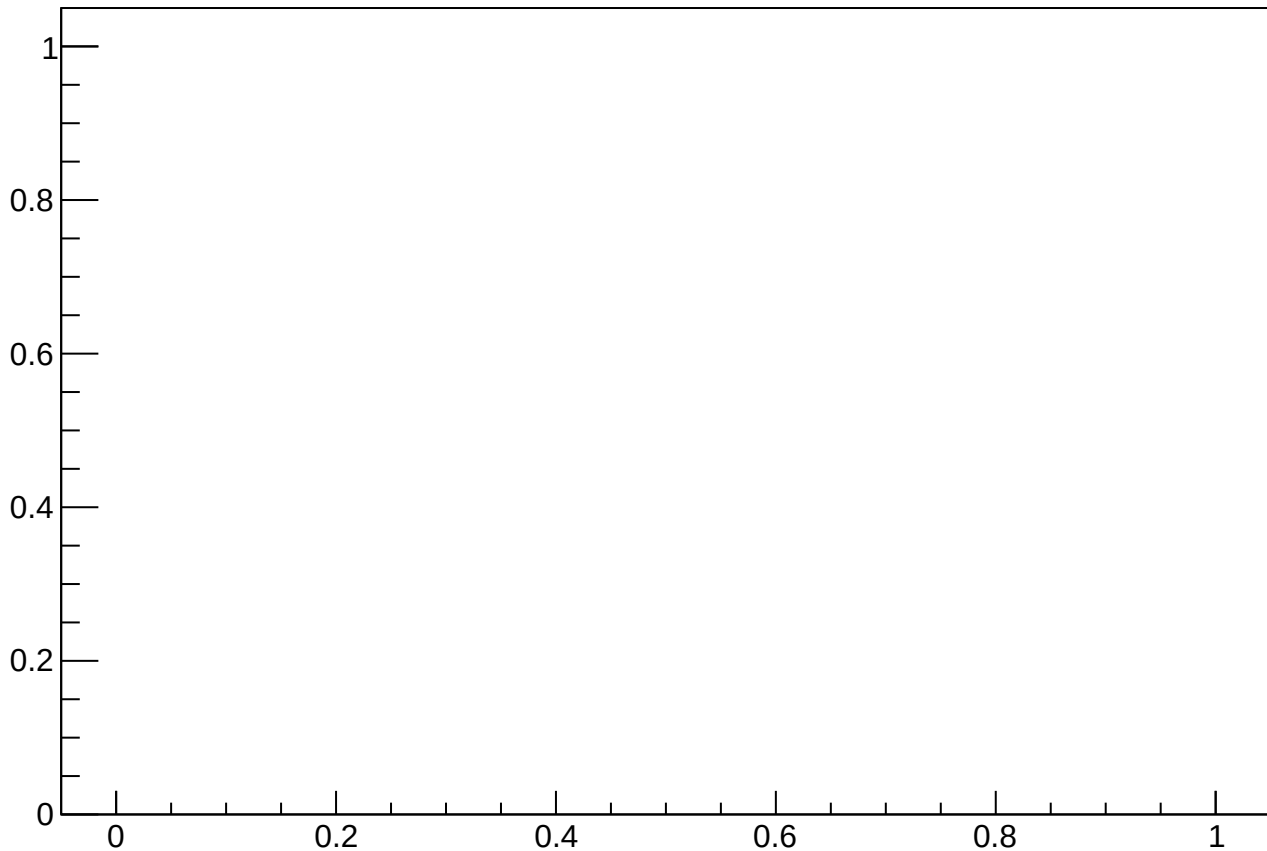
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

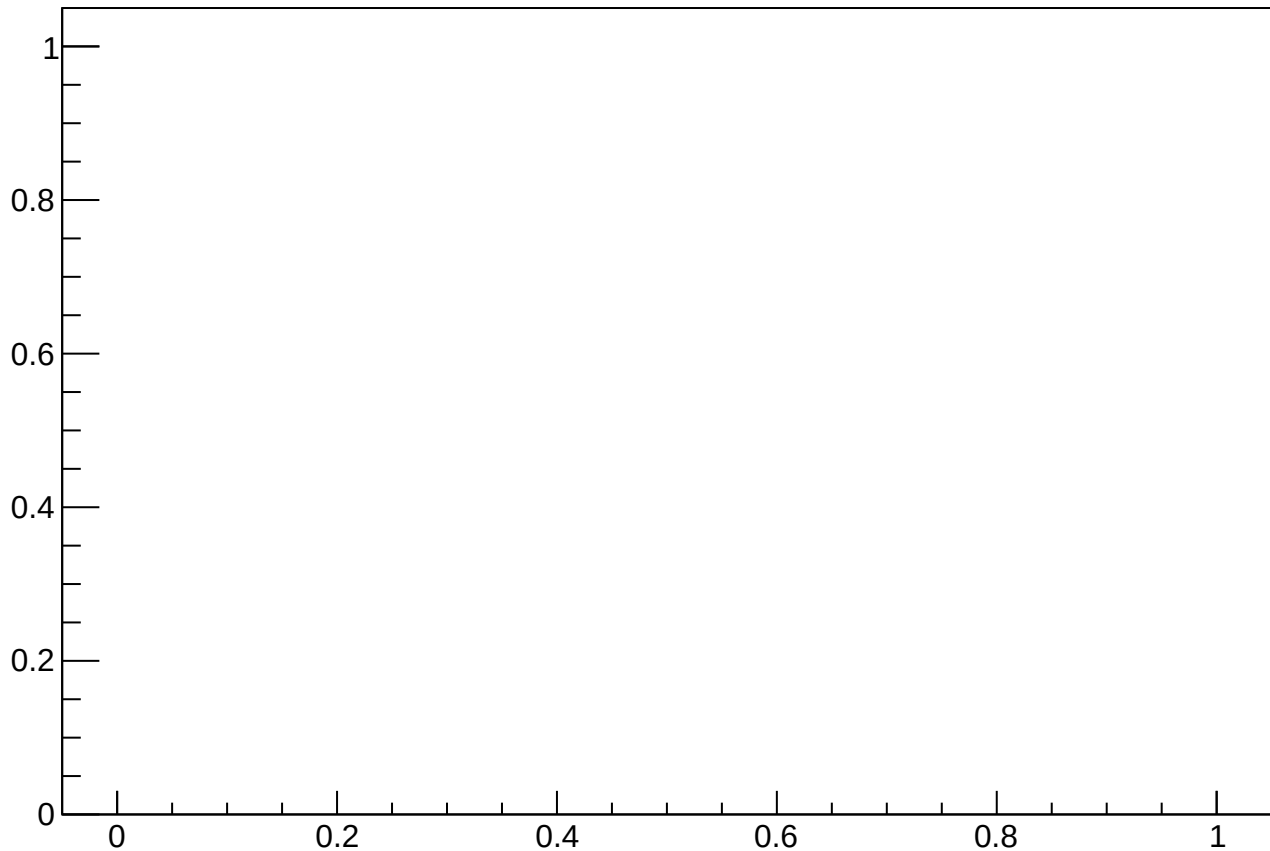
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

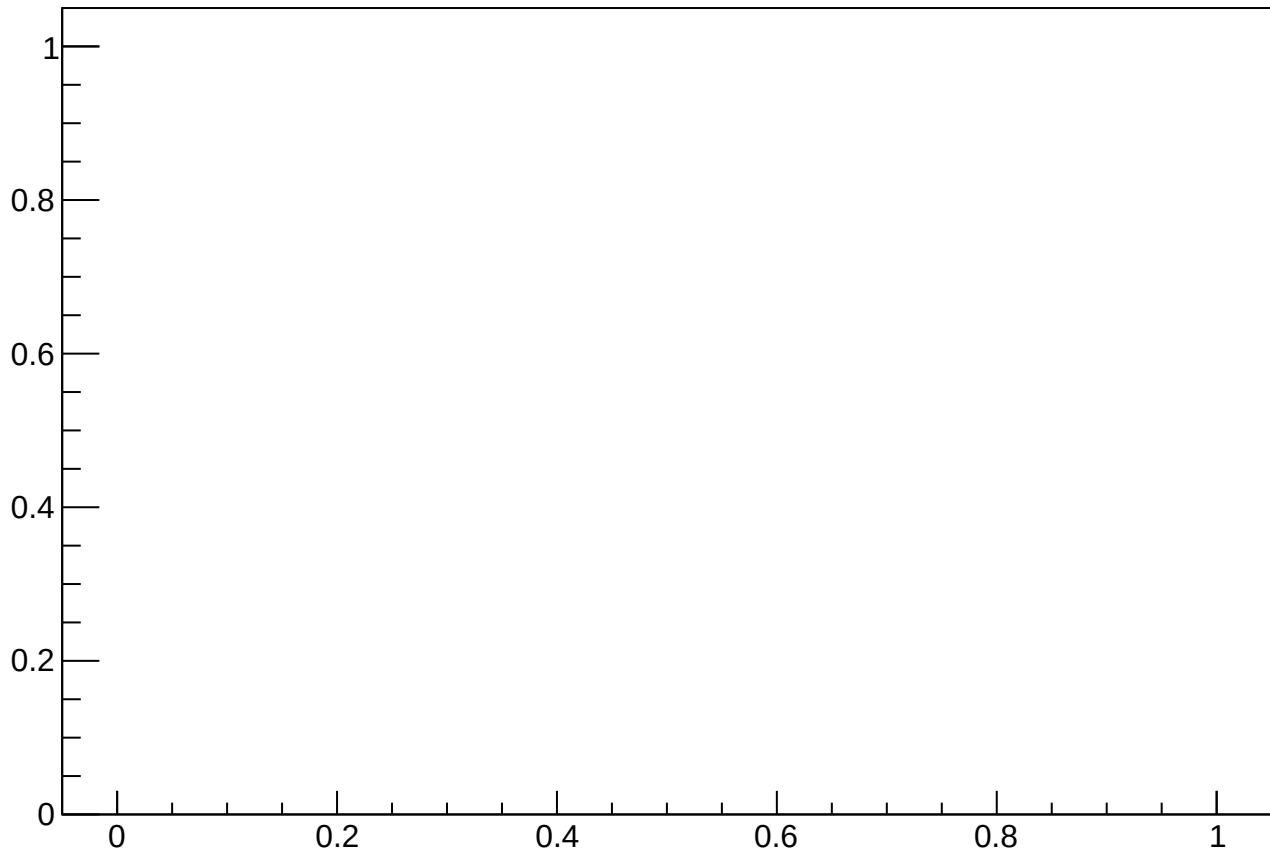
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

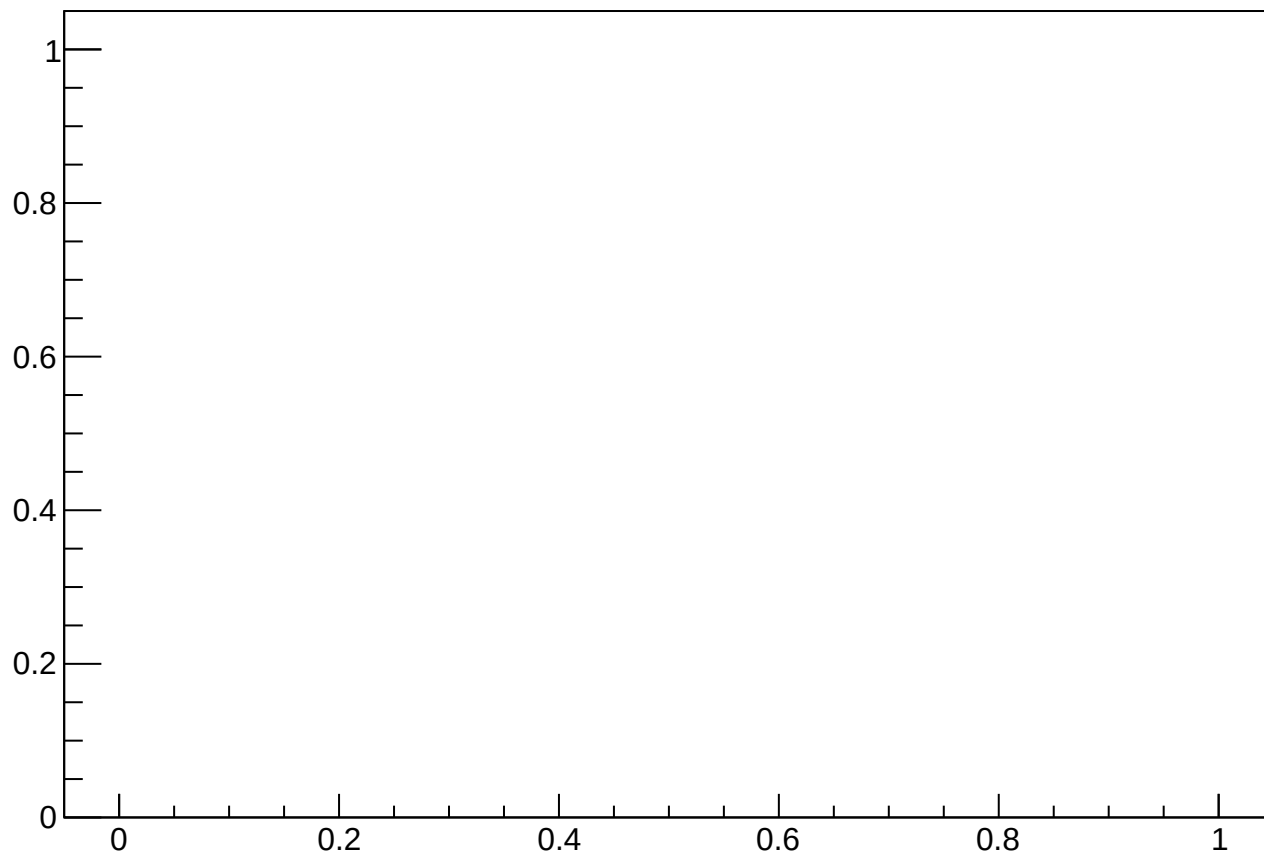
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

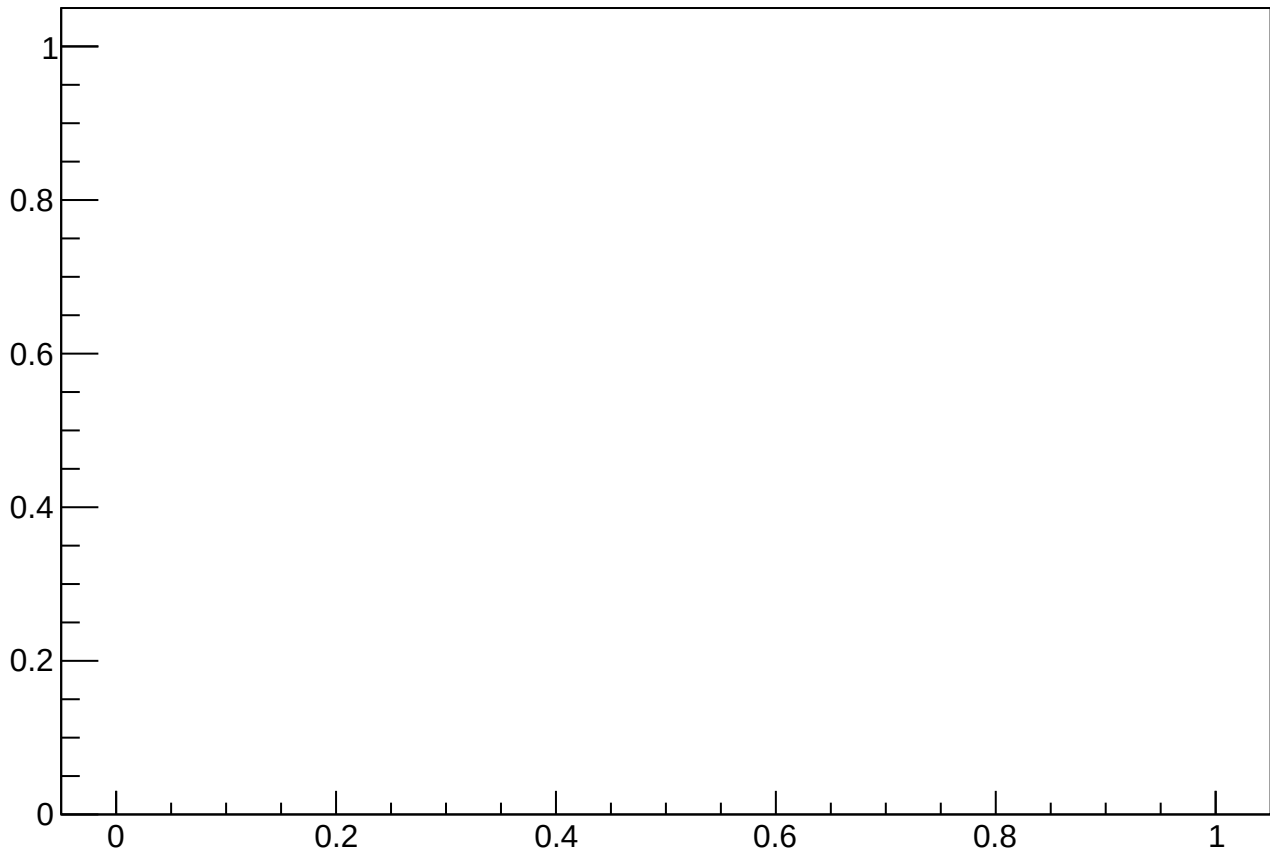
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

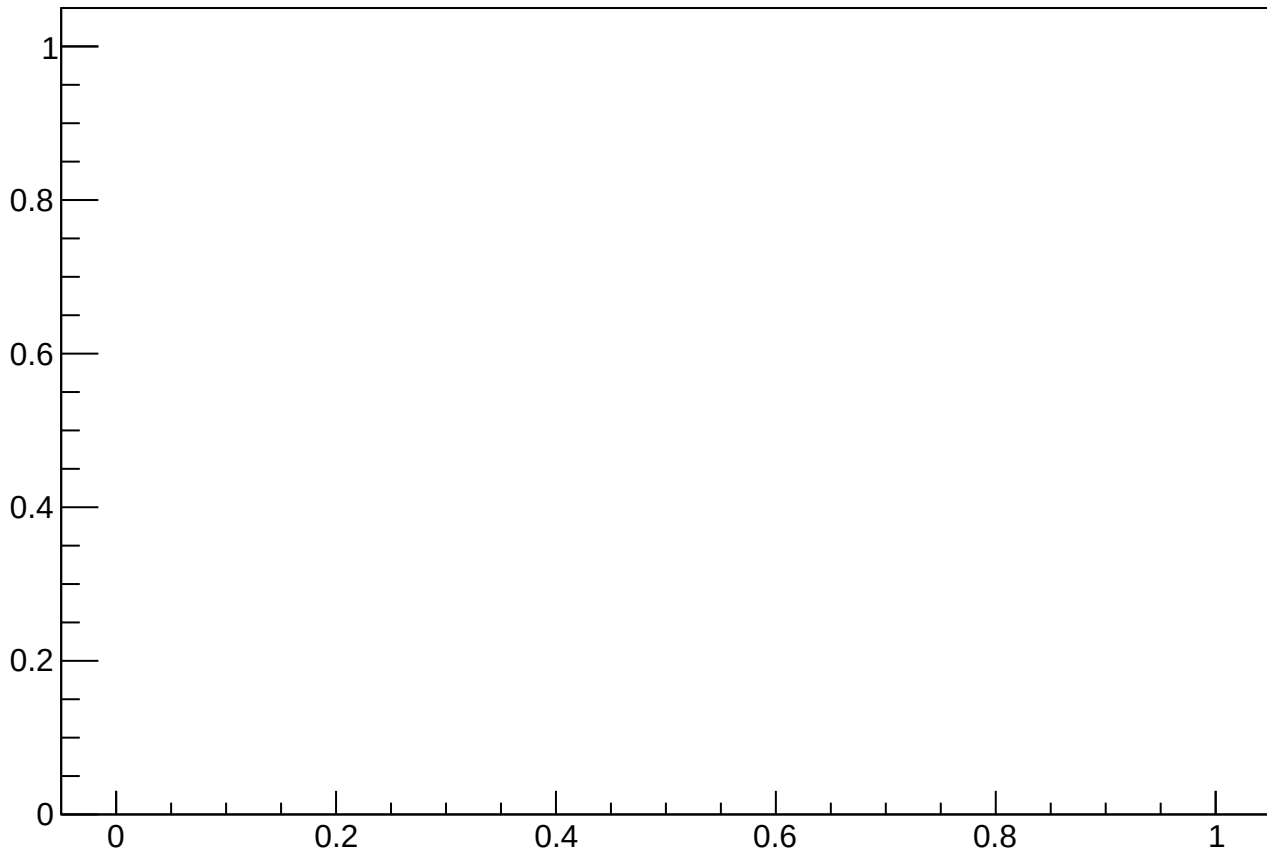
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

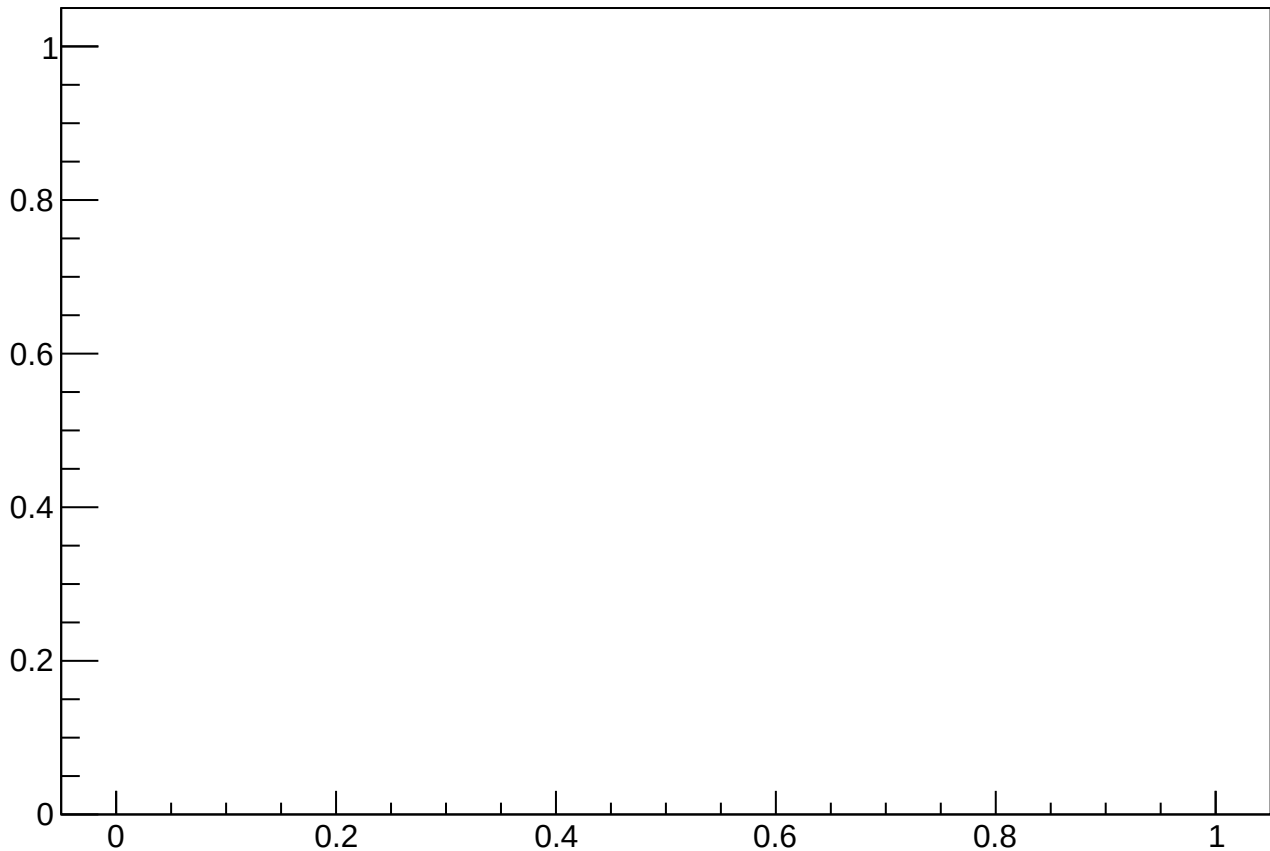
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

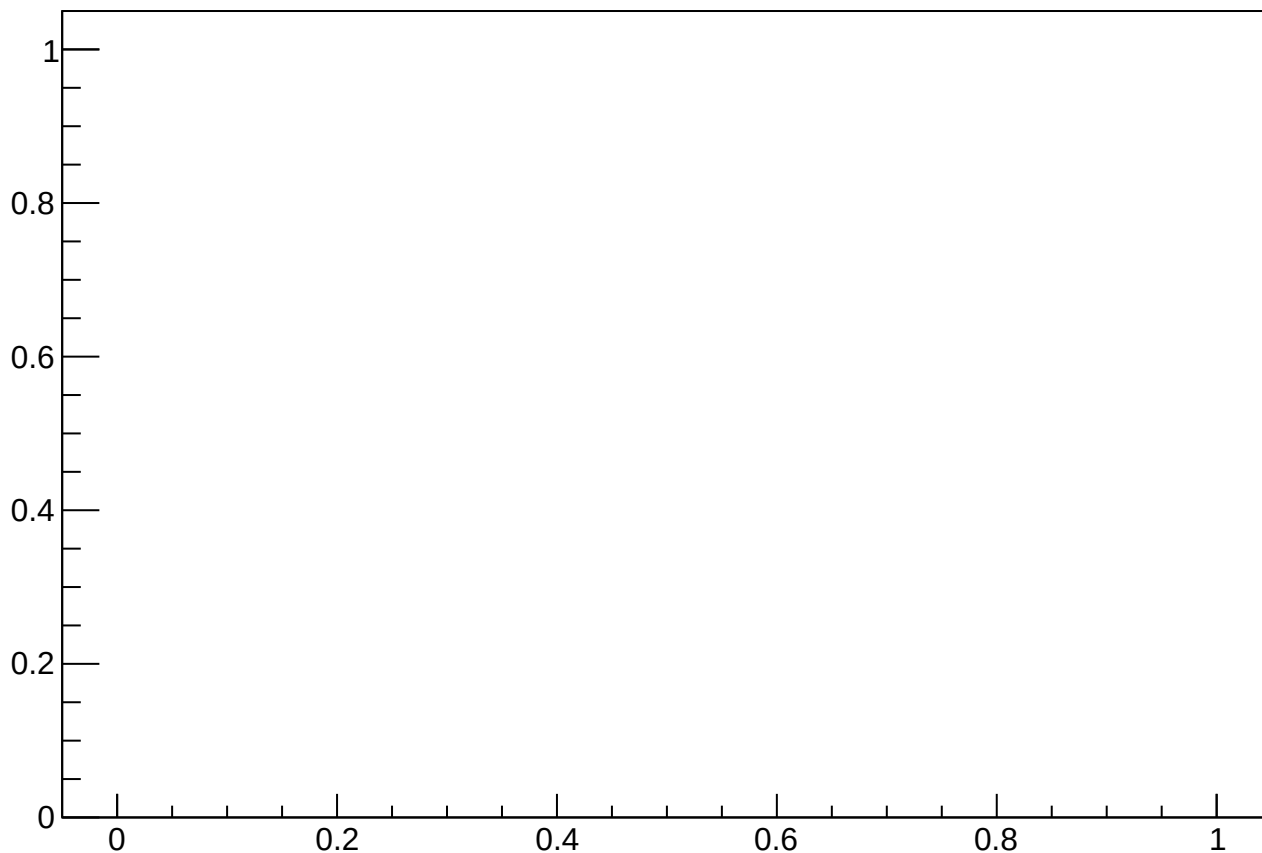
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

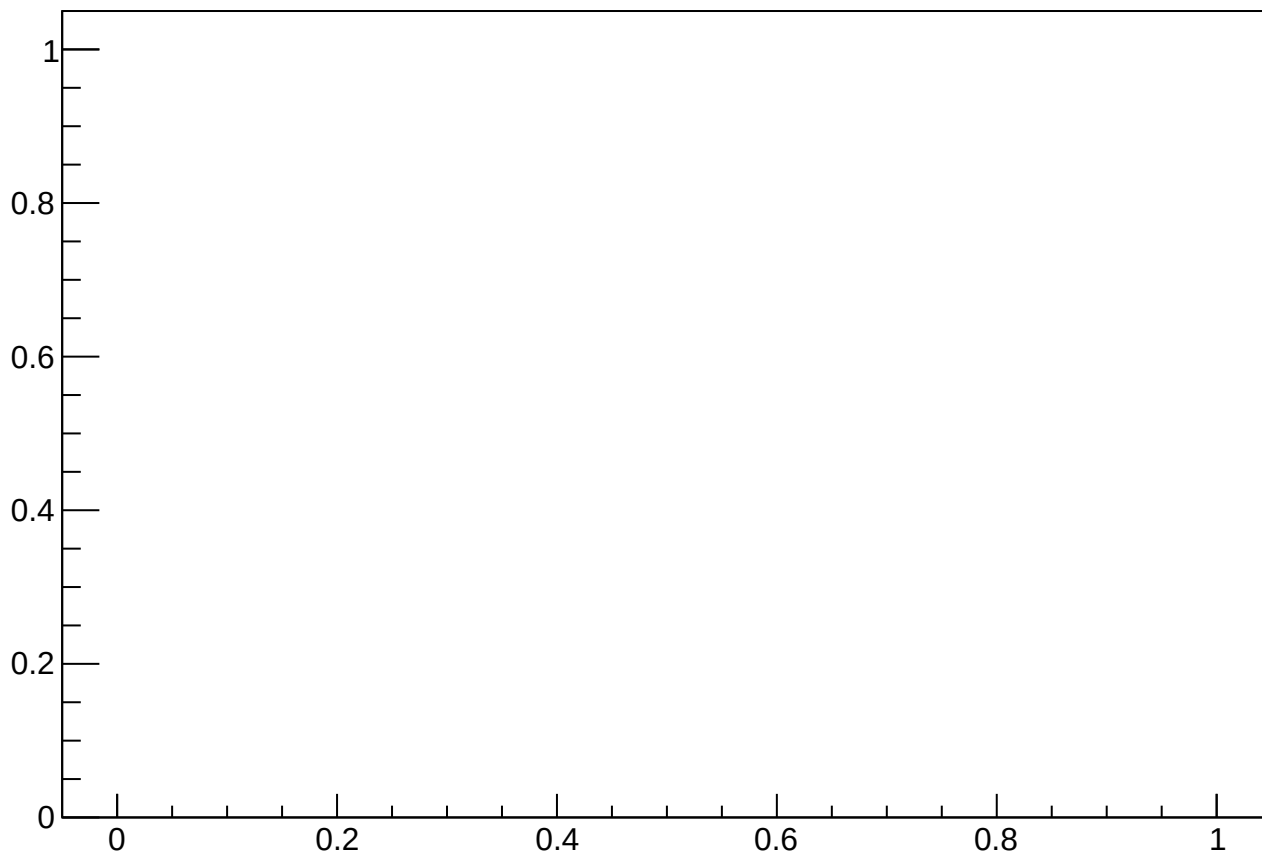
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

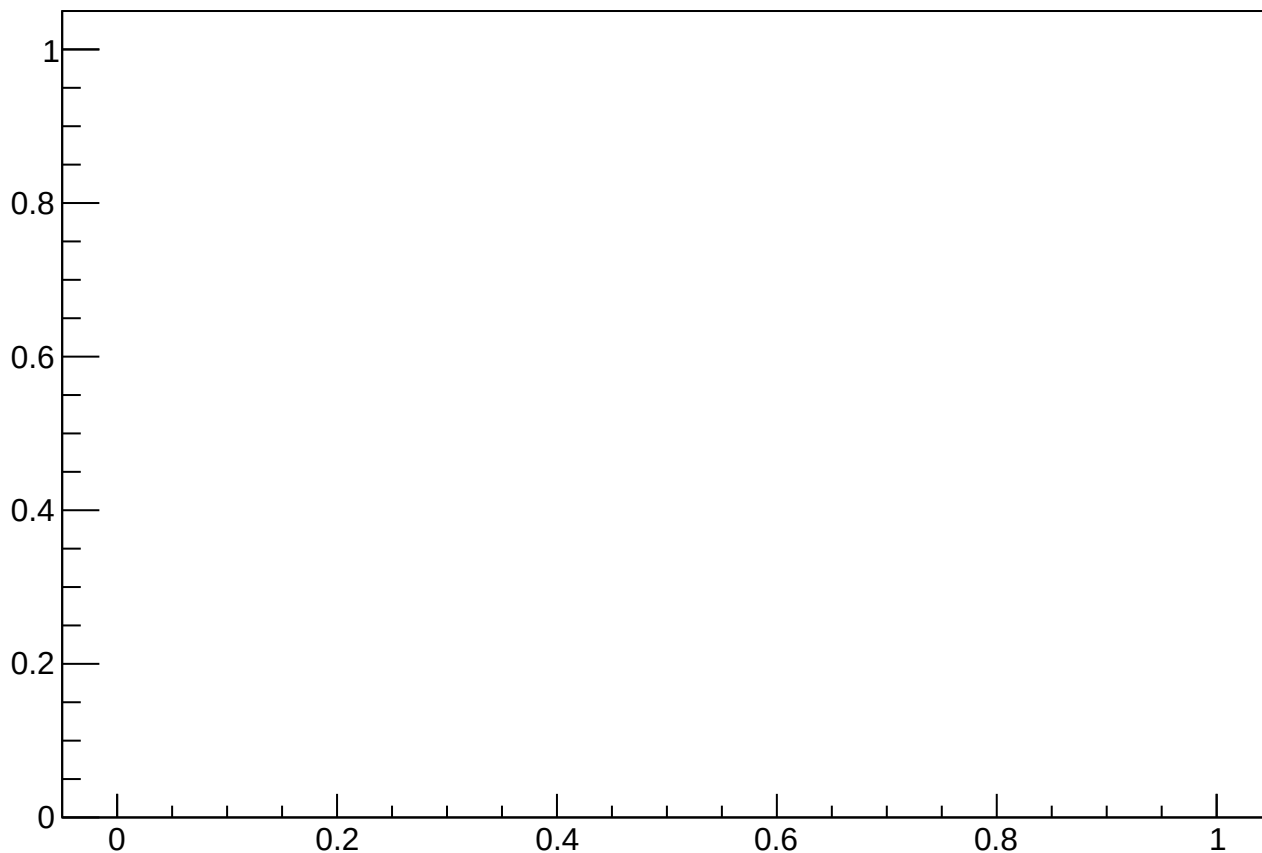
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

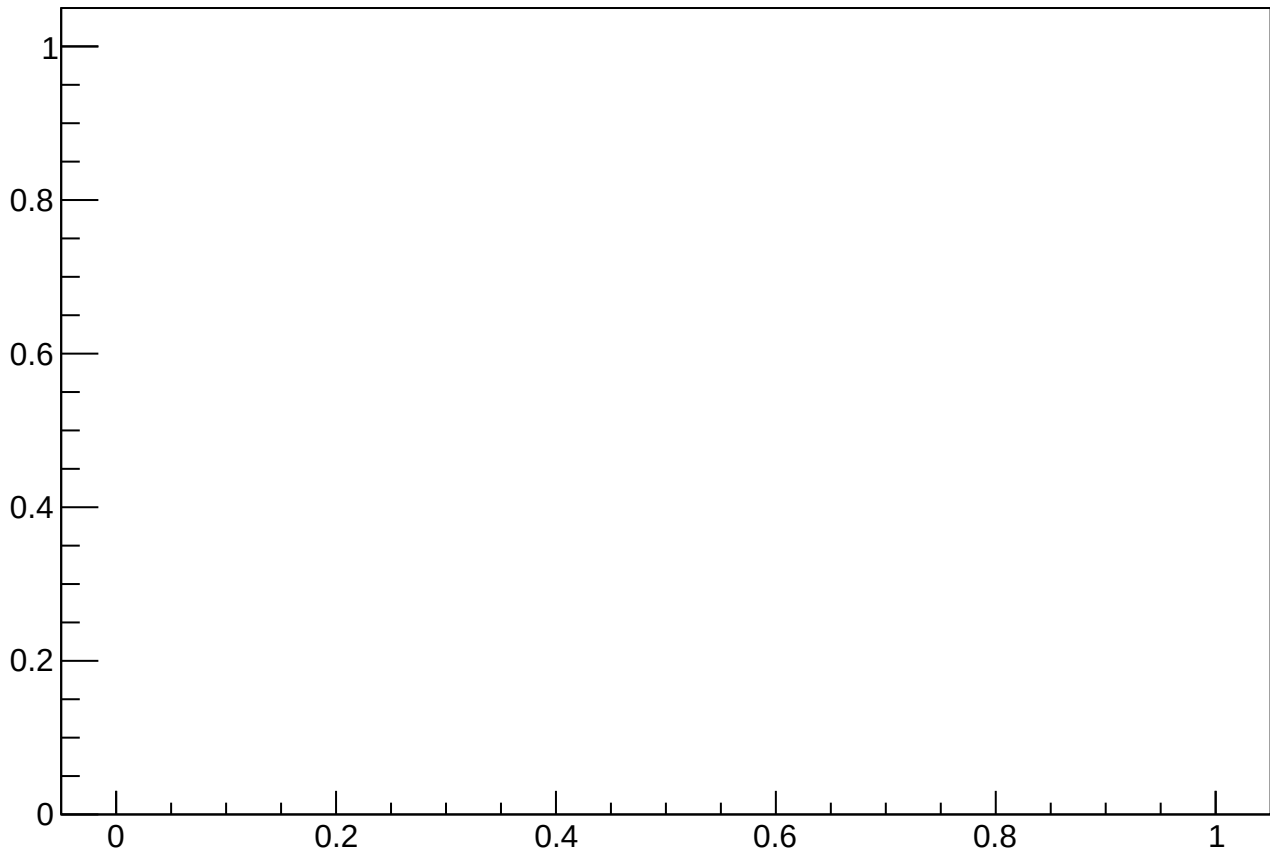
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

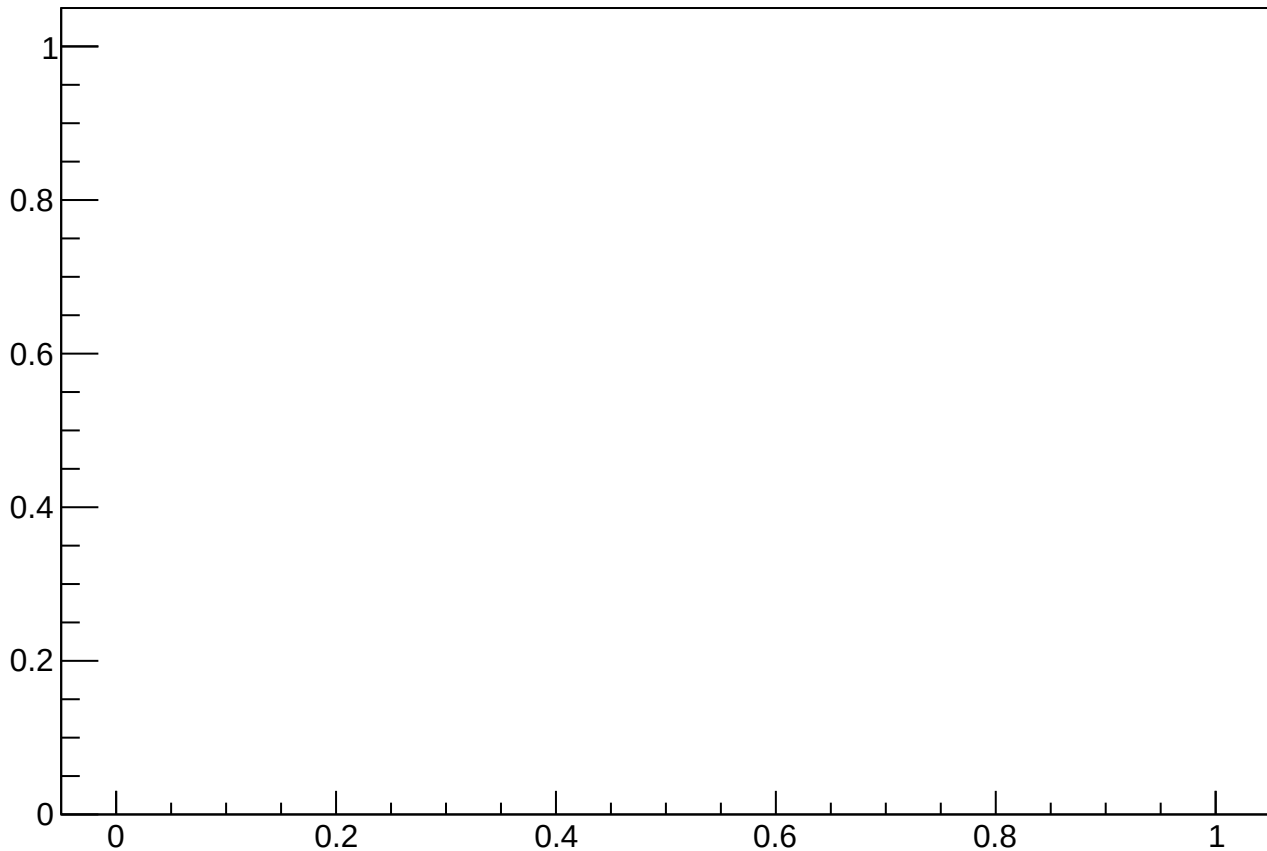
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

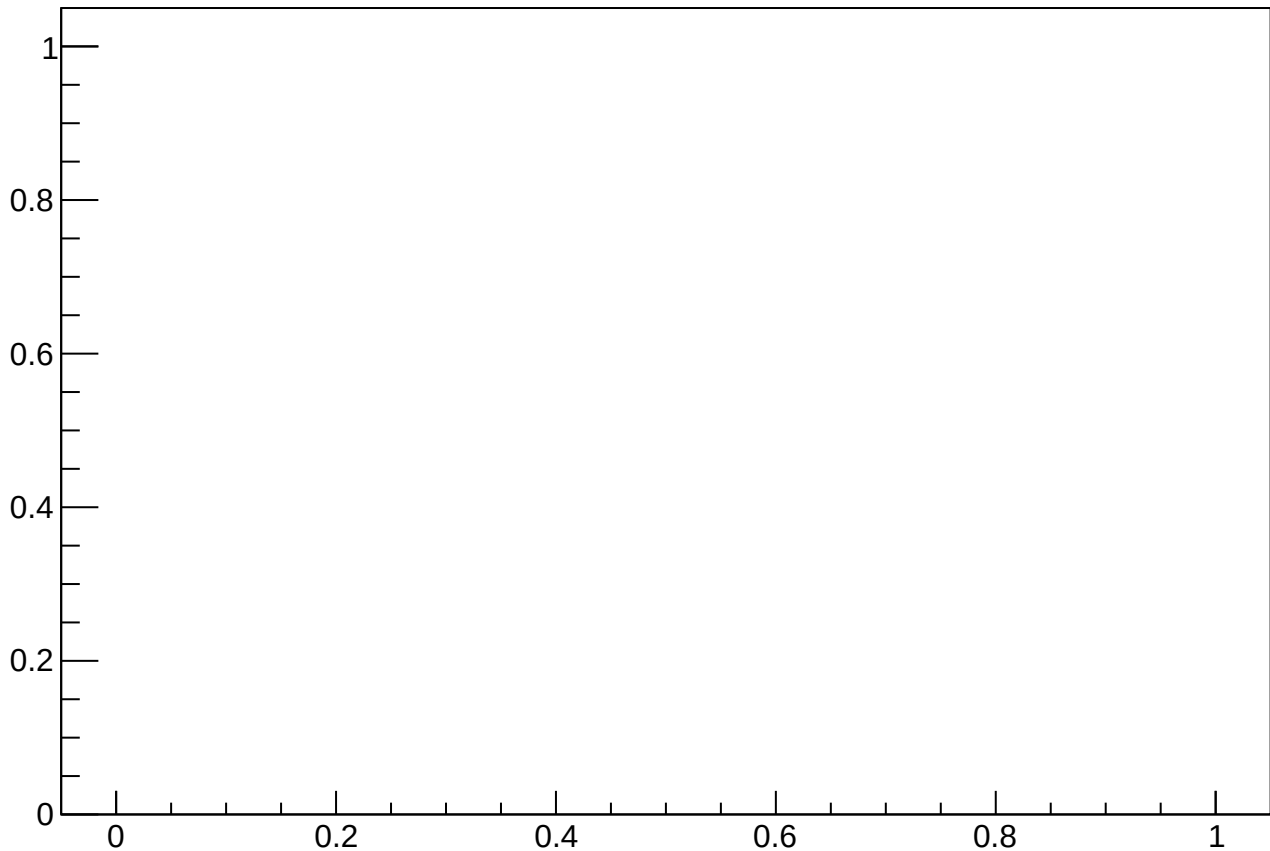
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

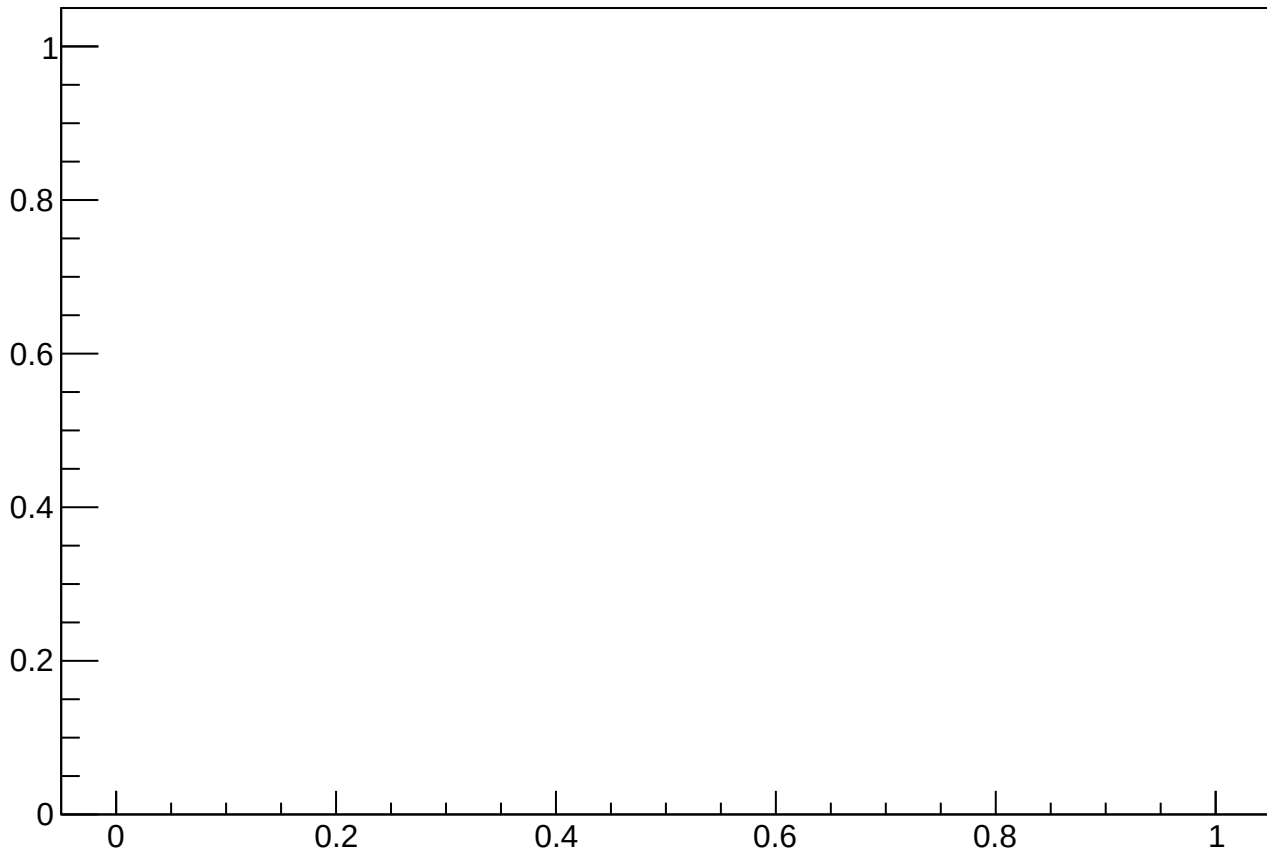
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam6_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

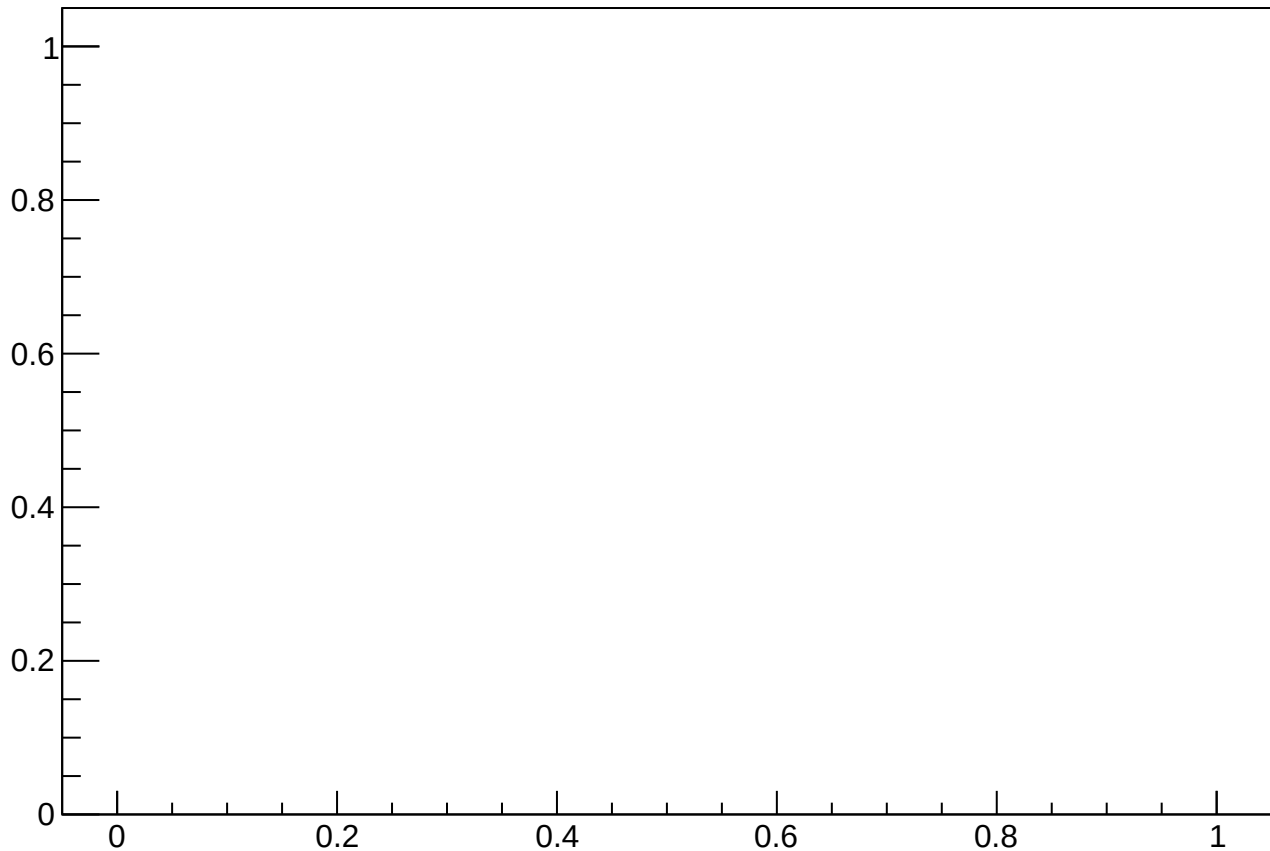
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

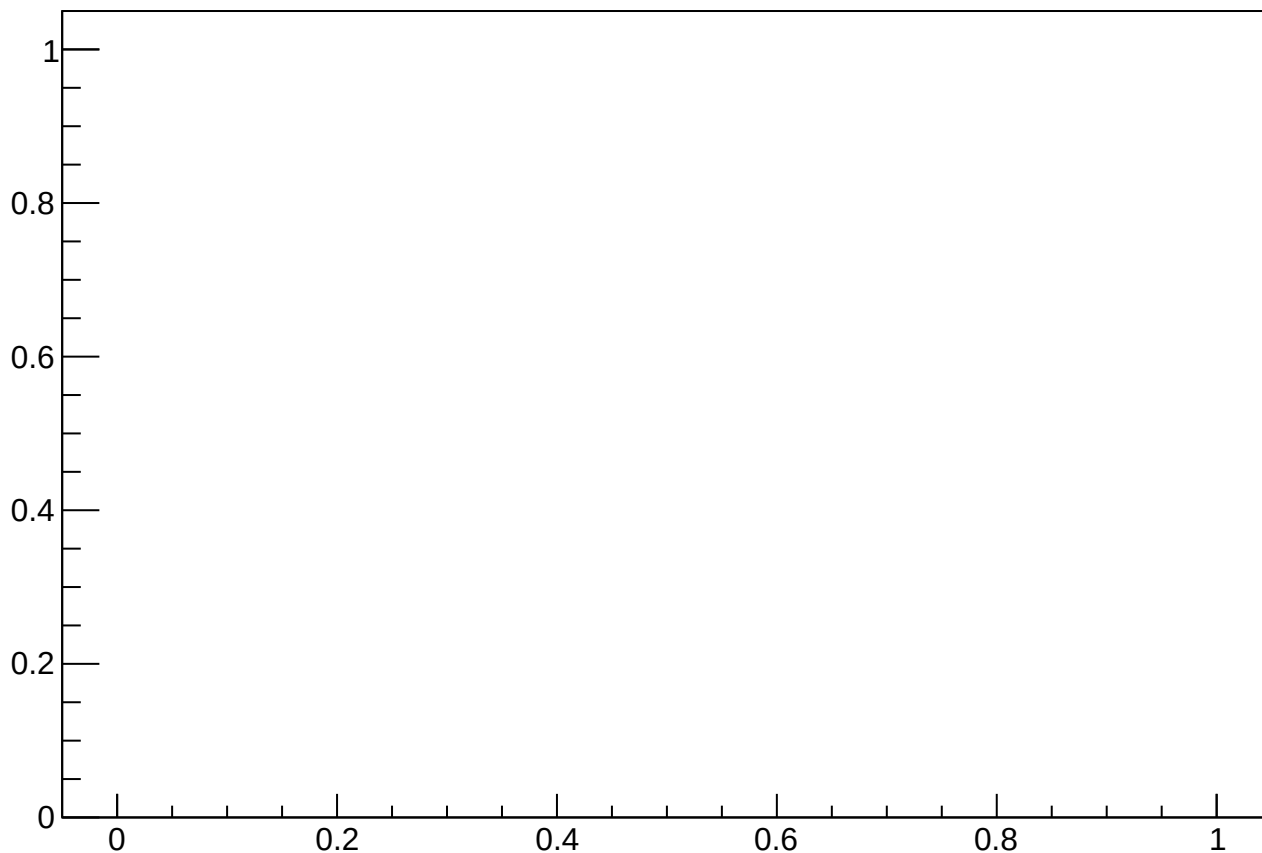
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

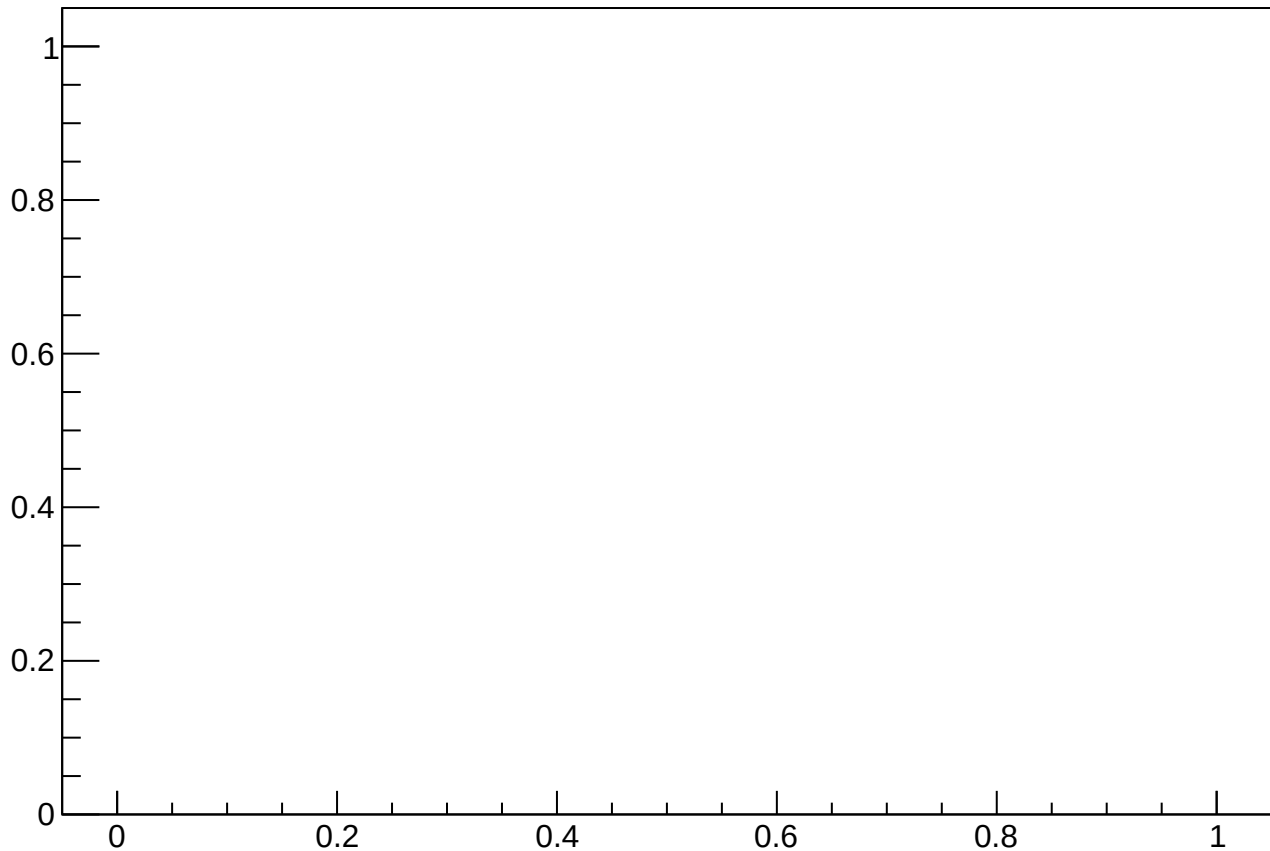
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

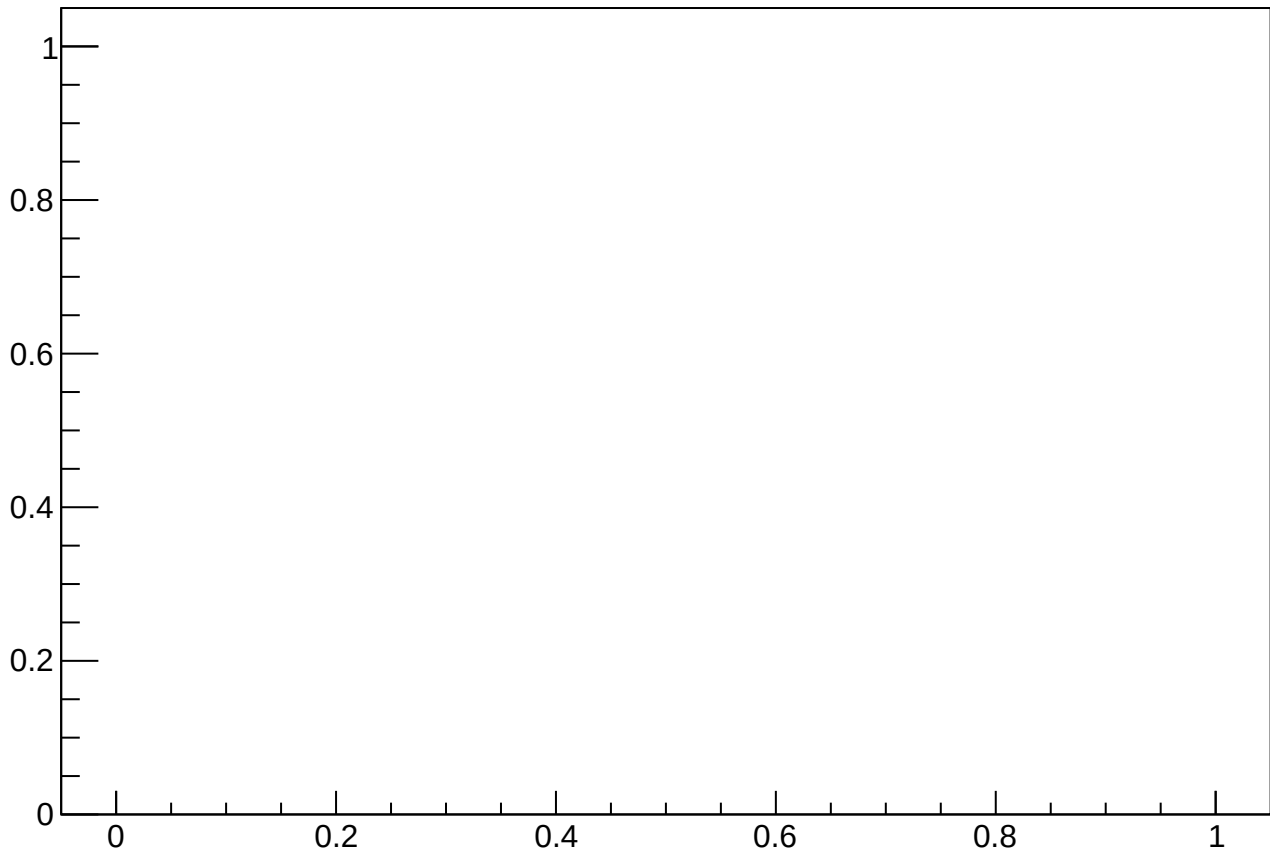
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

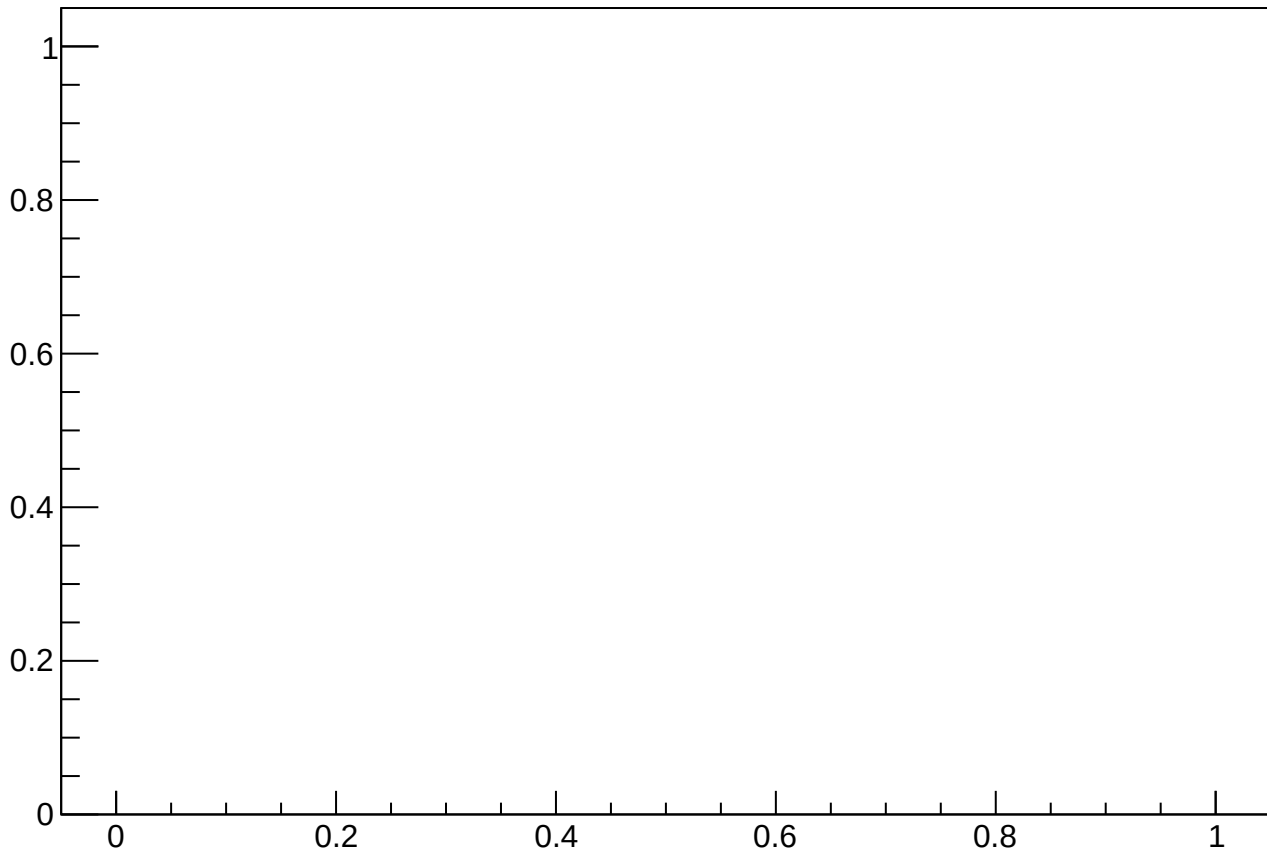
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

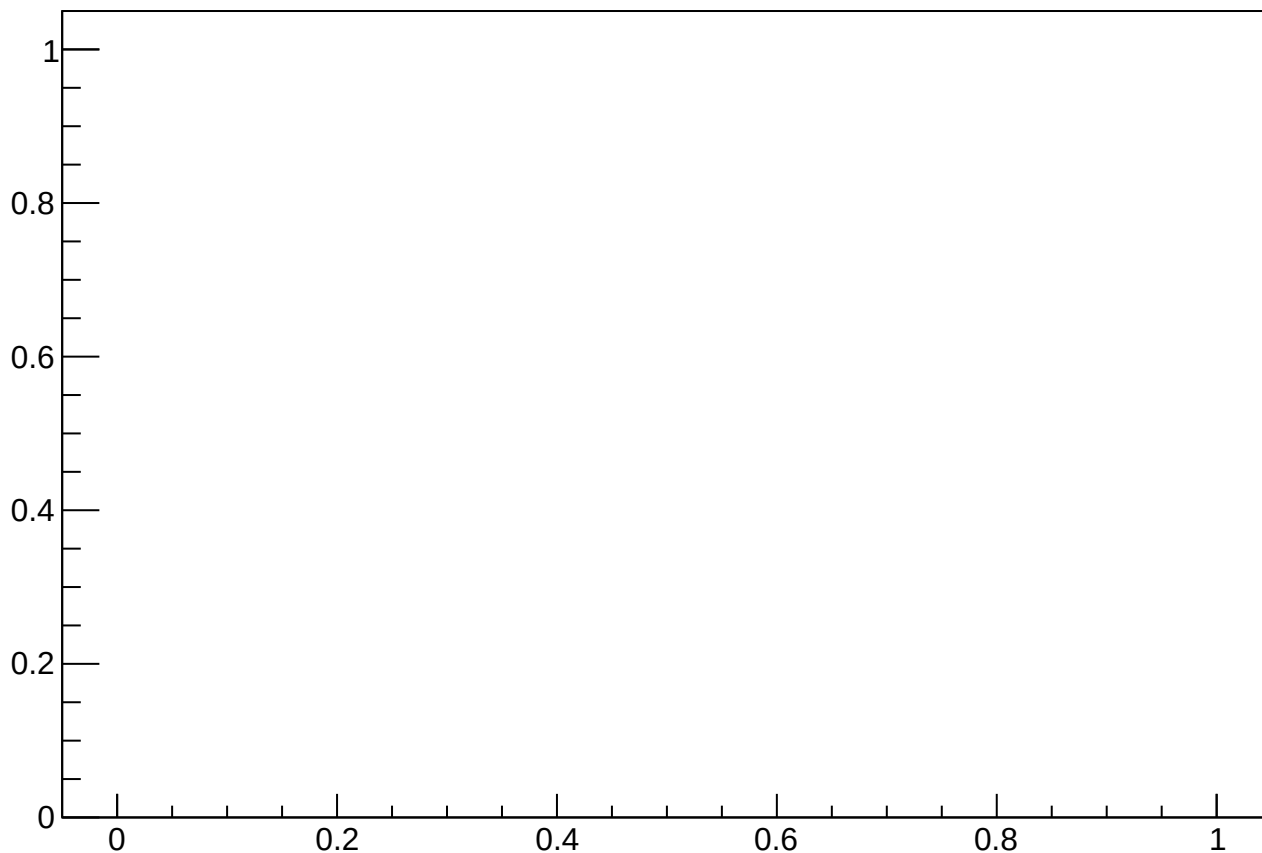
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

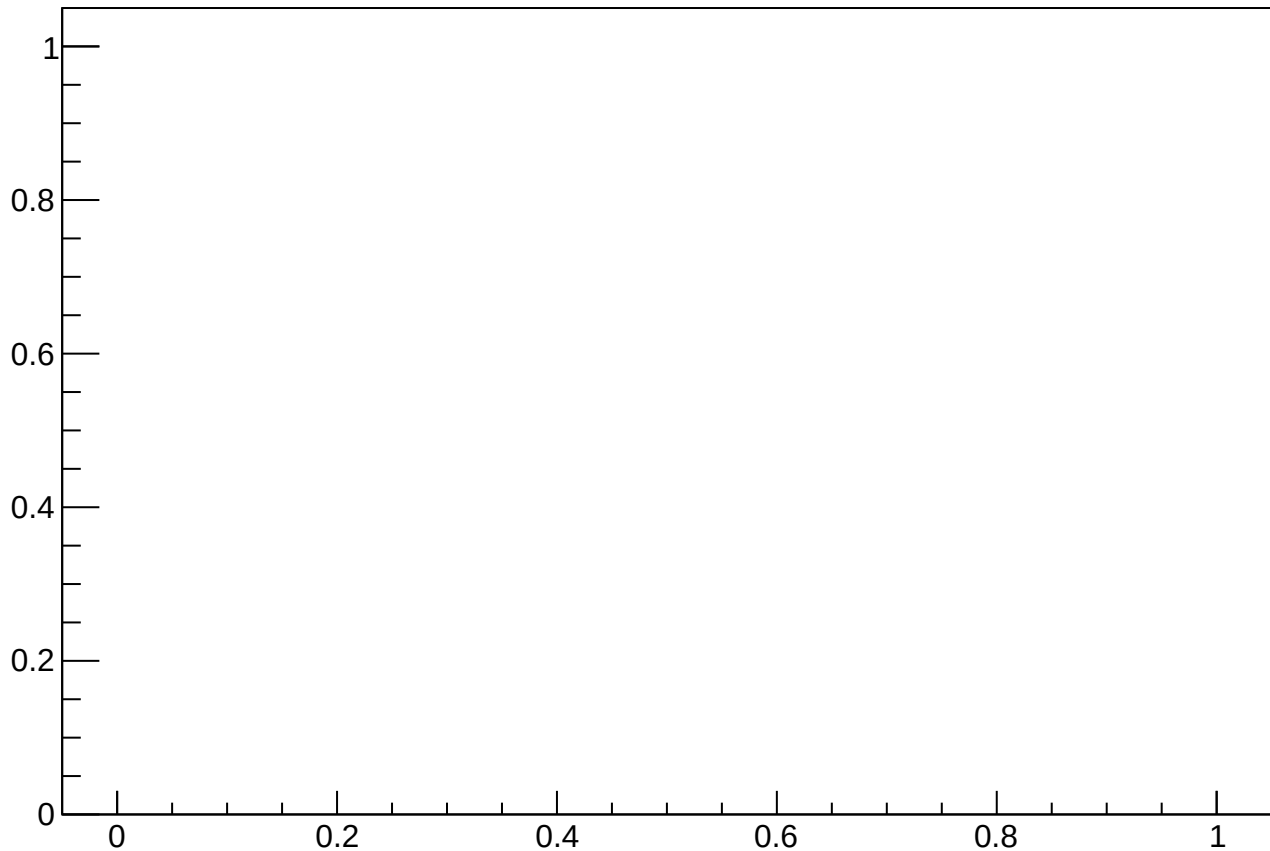
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

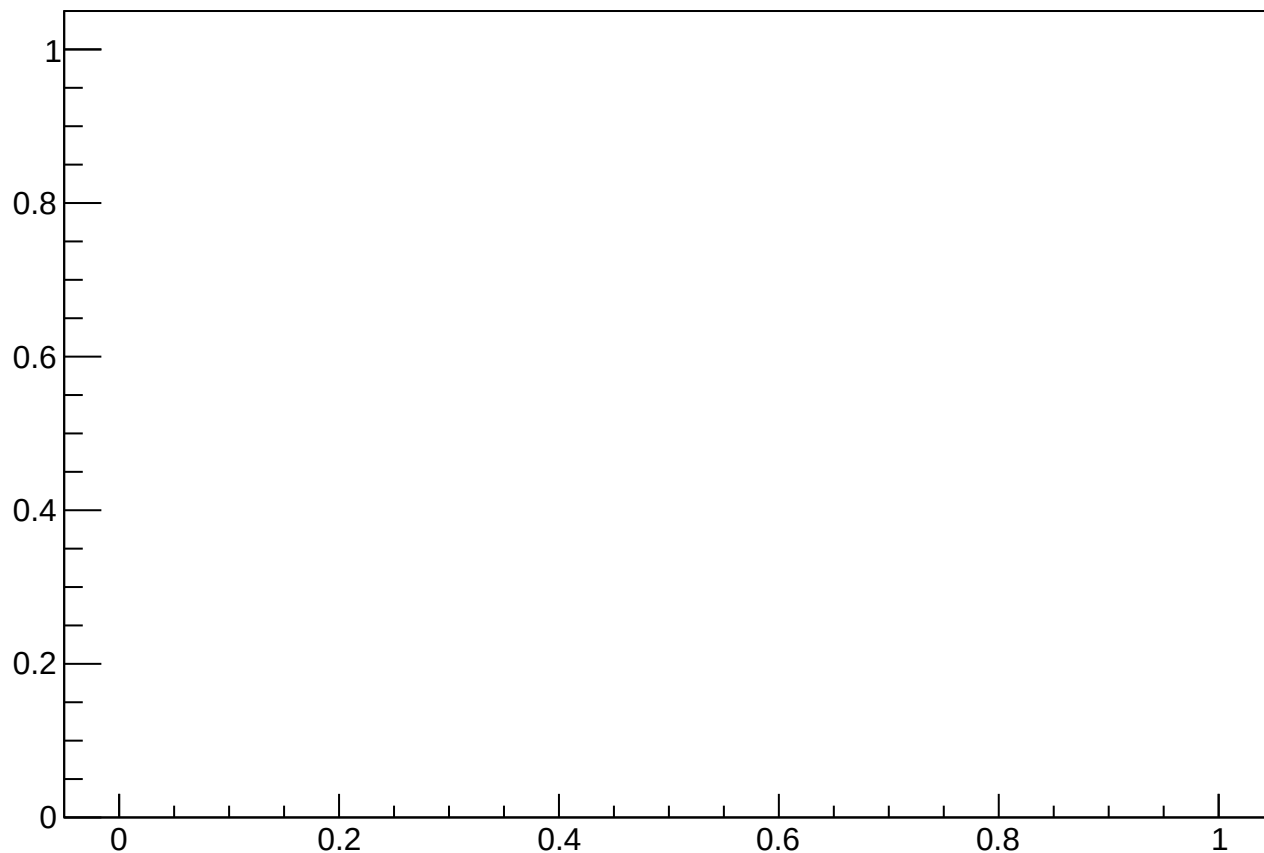
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

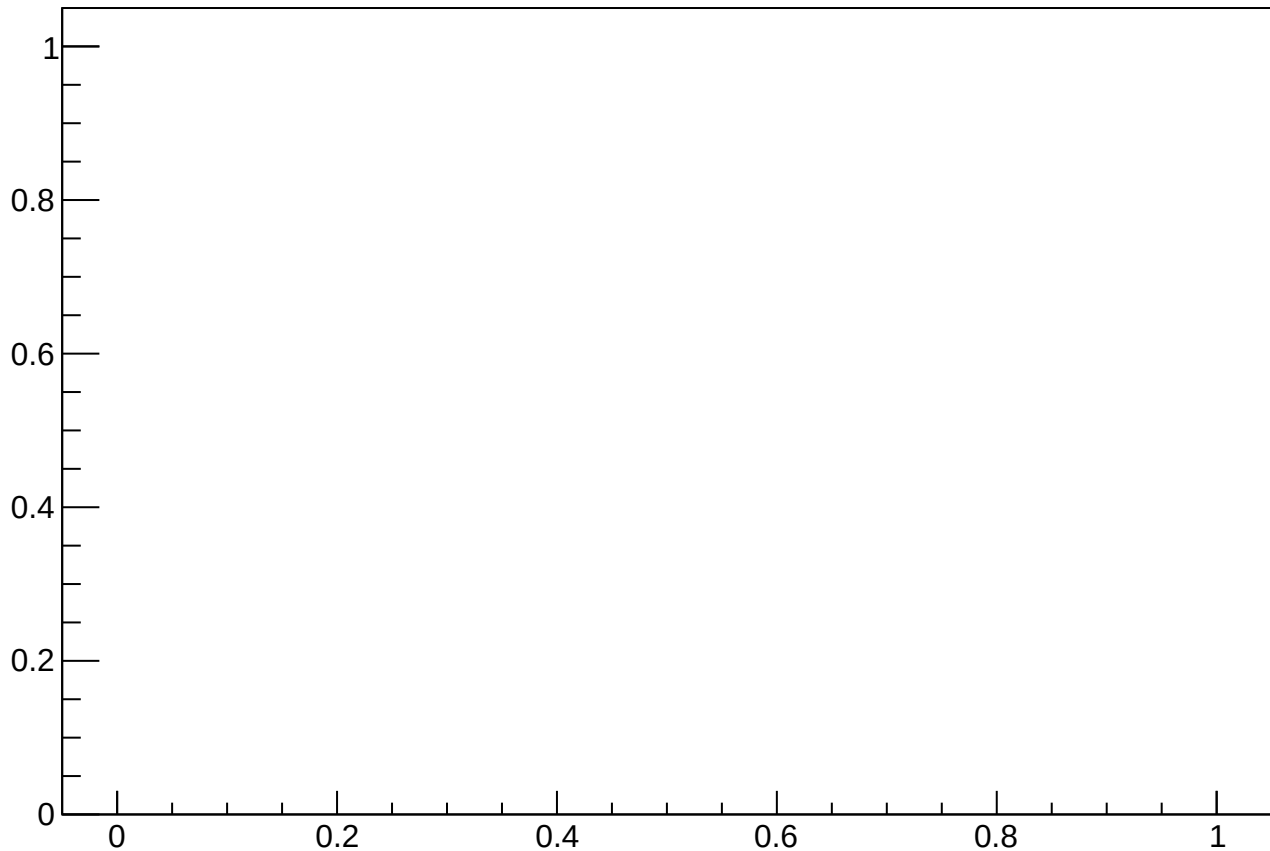
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

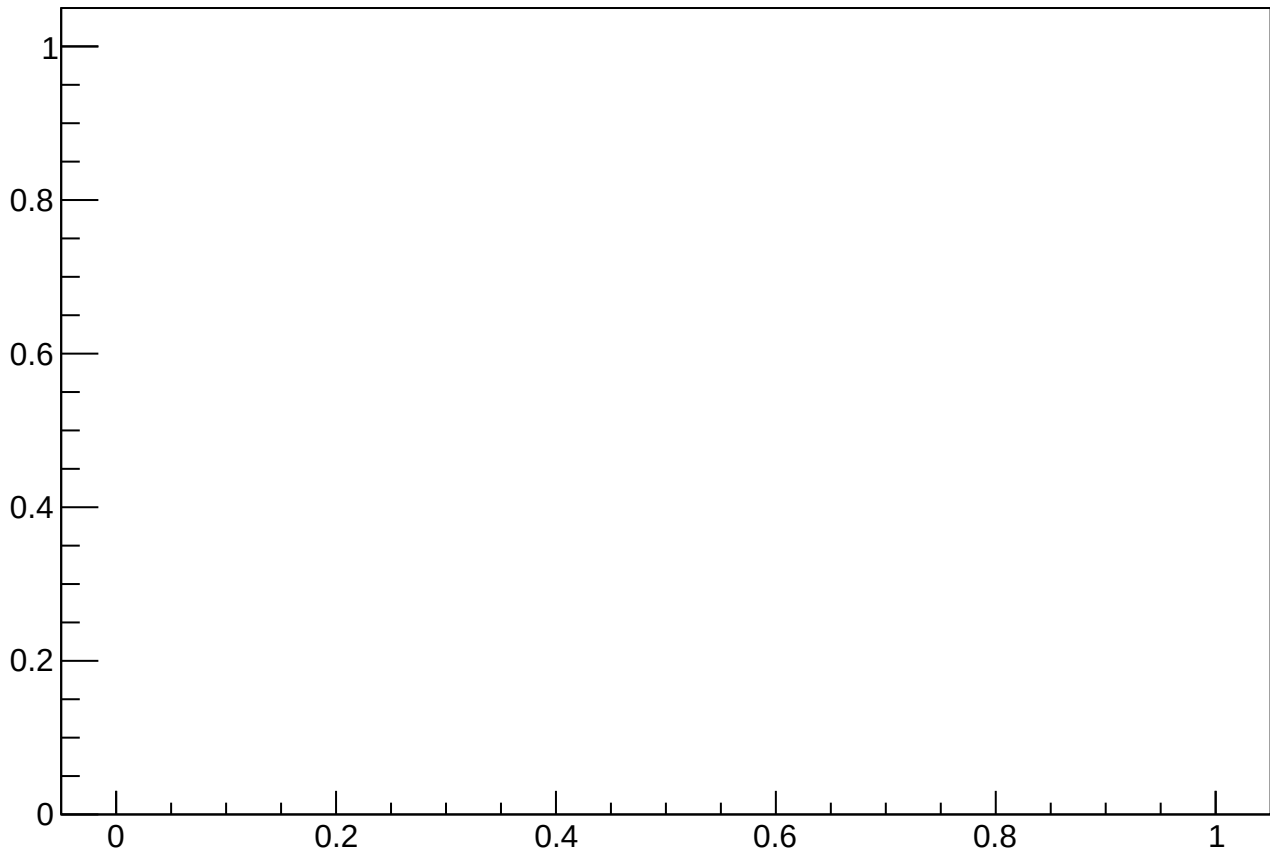
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

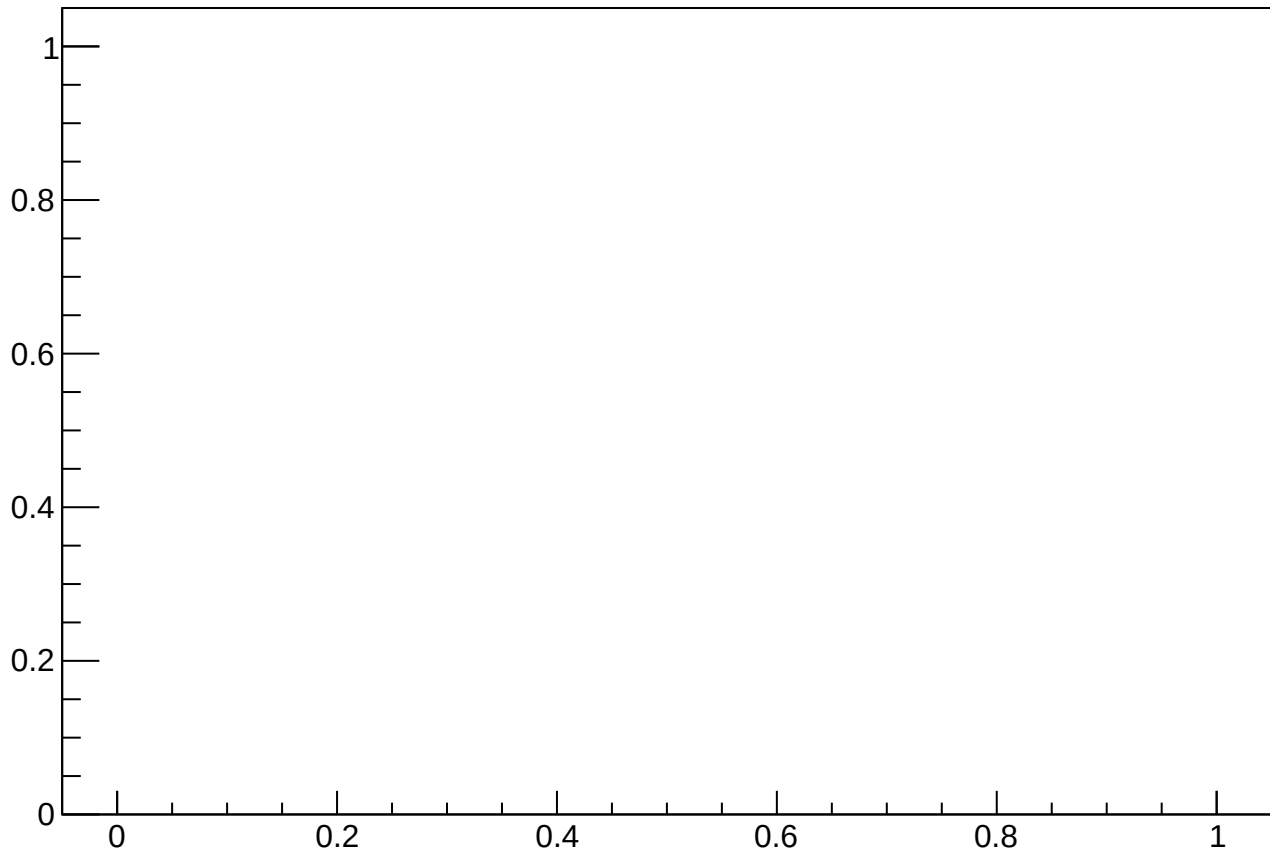
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

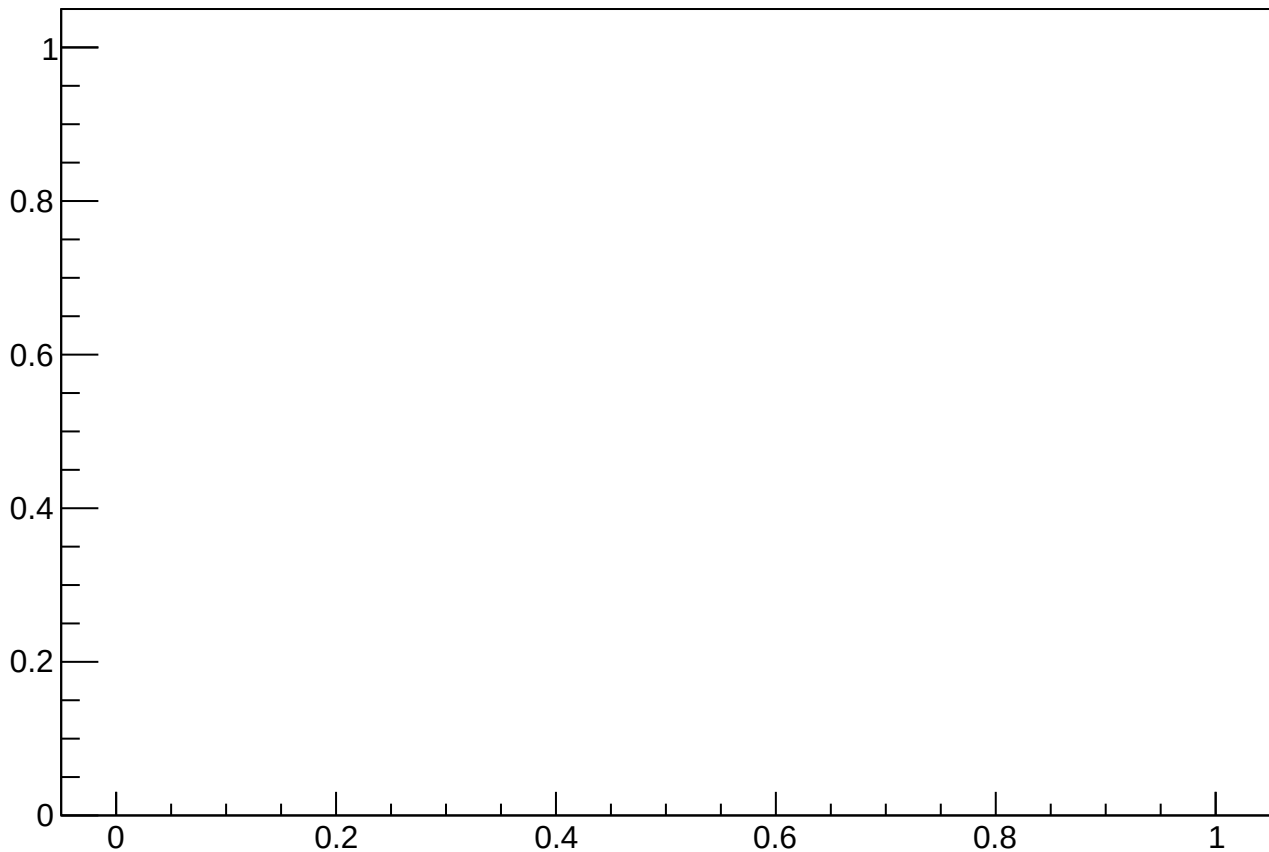
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

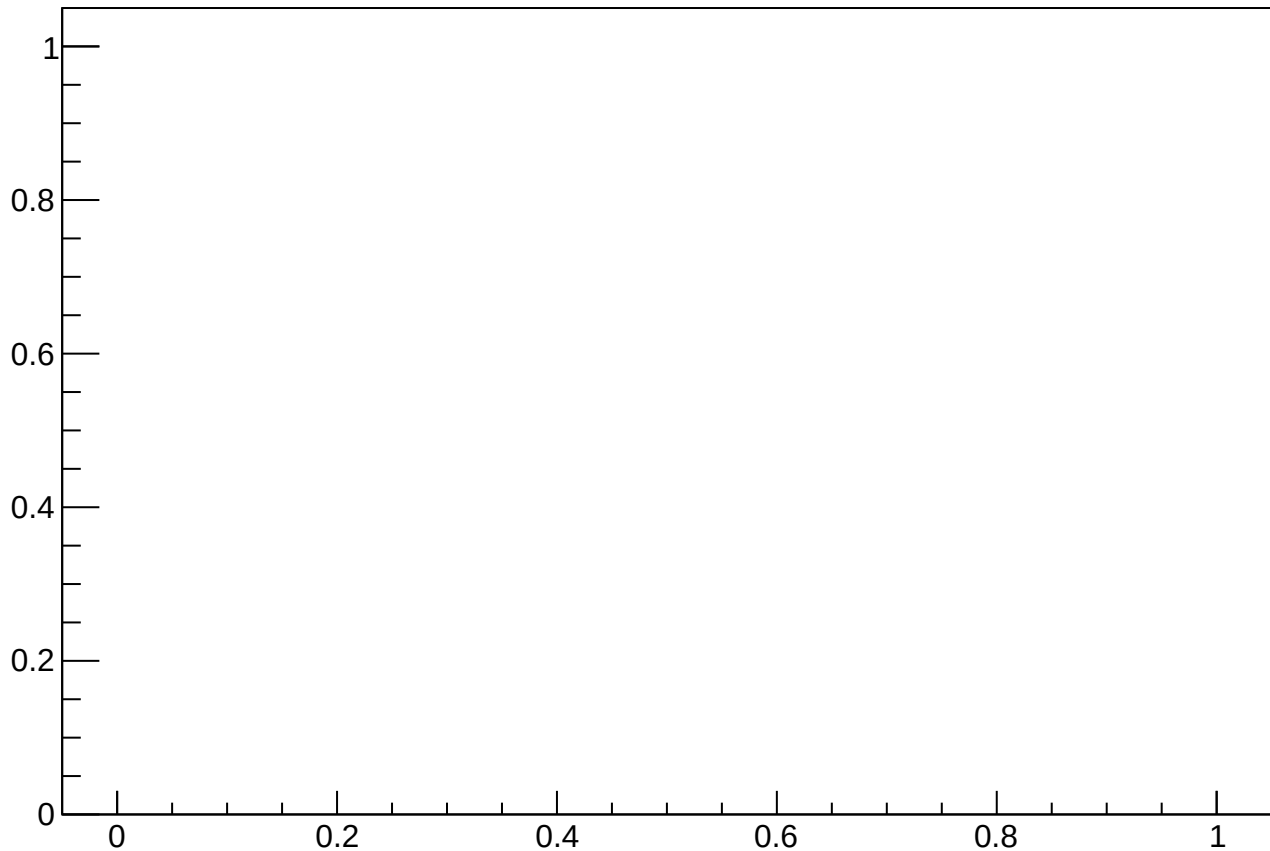
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

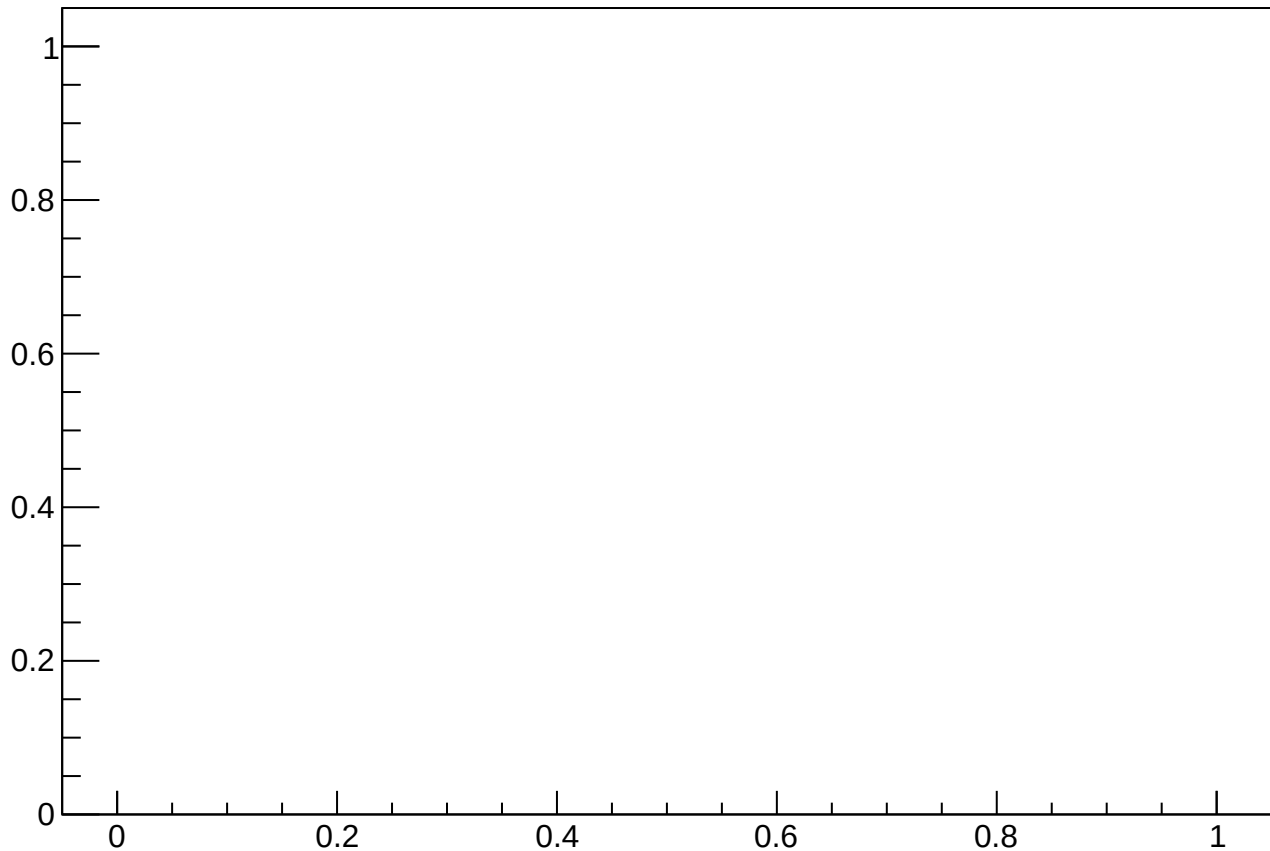
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

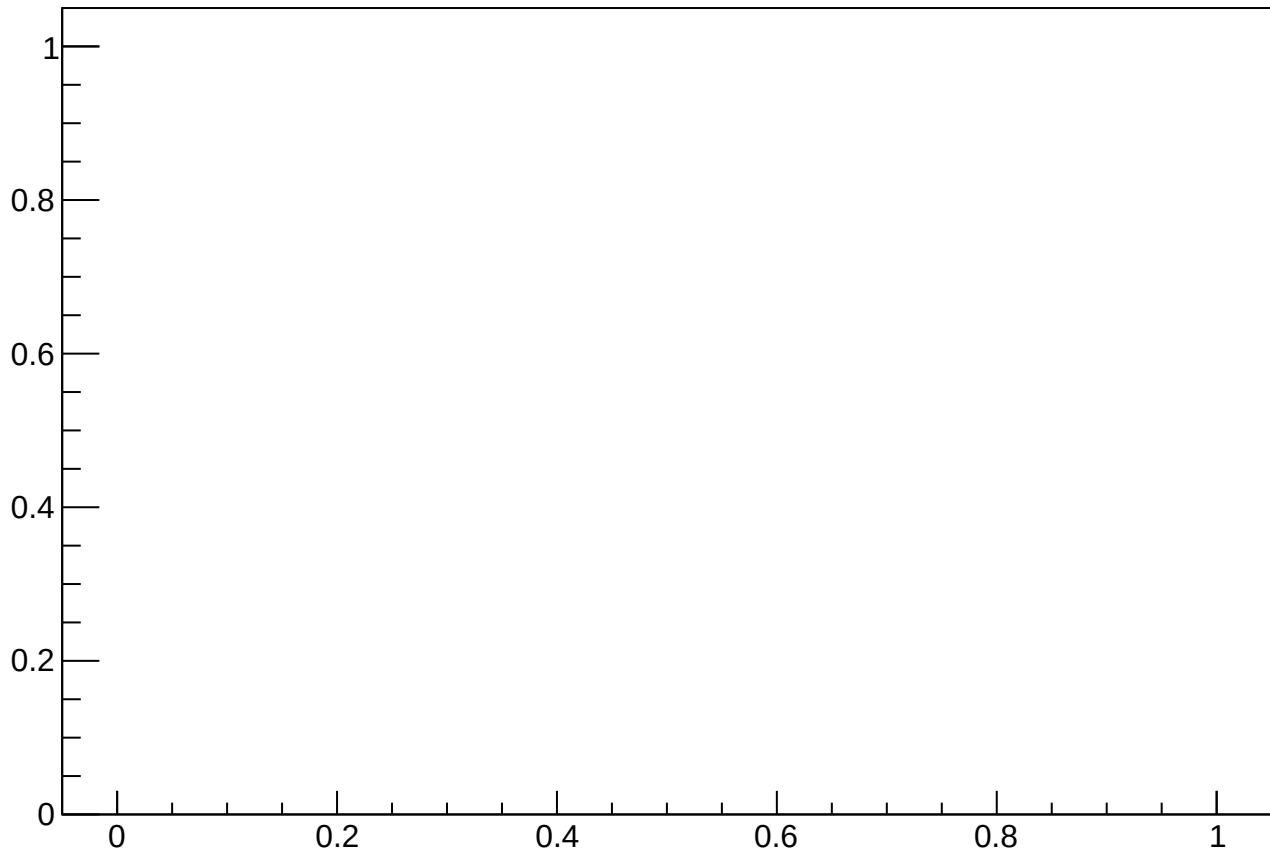
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

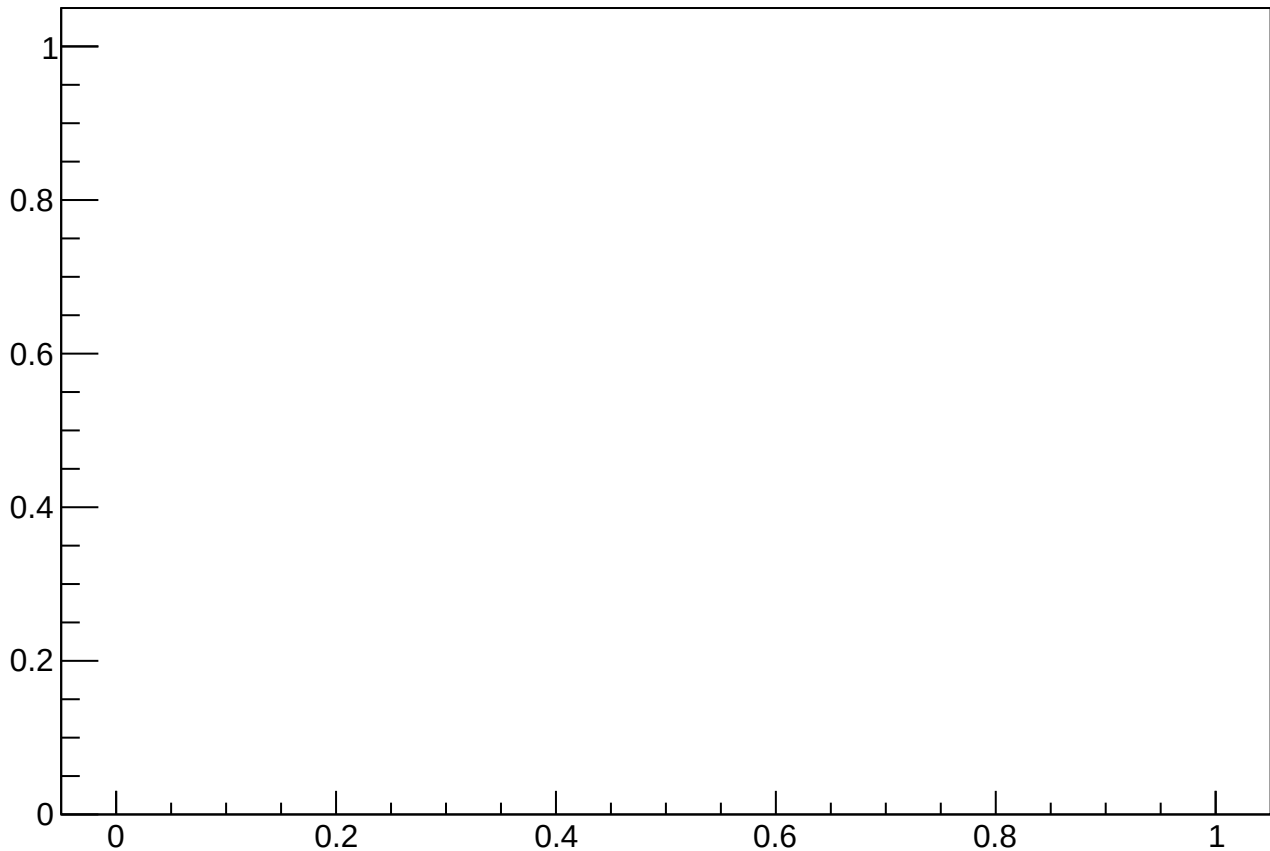
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

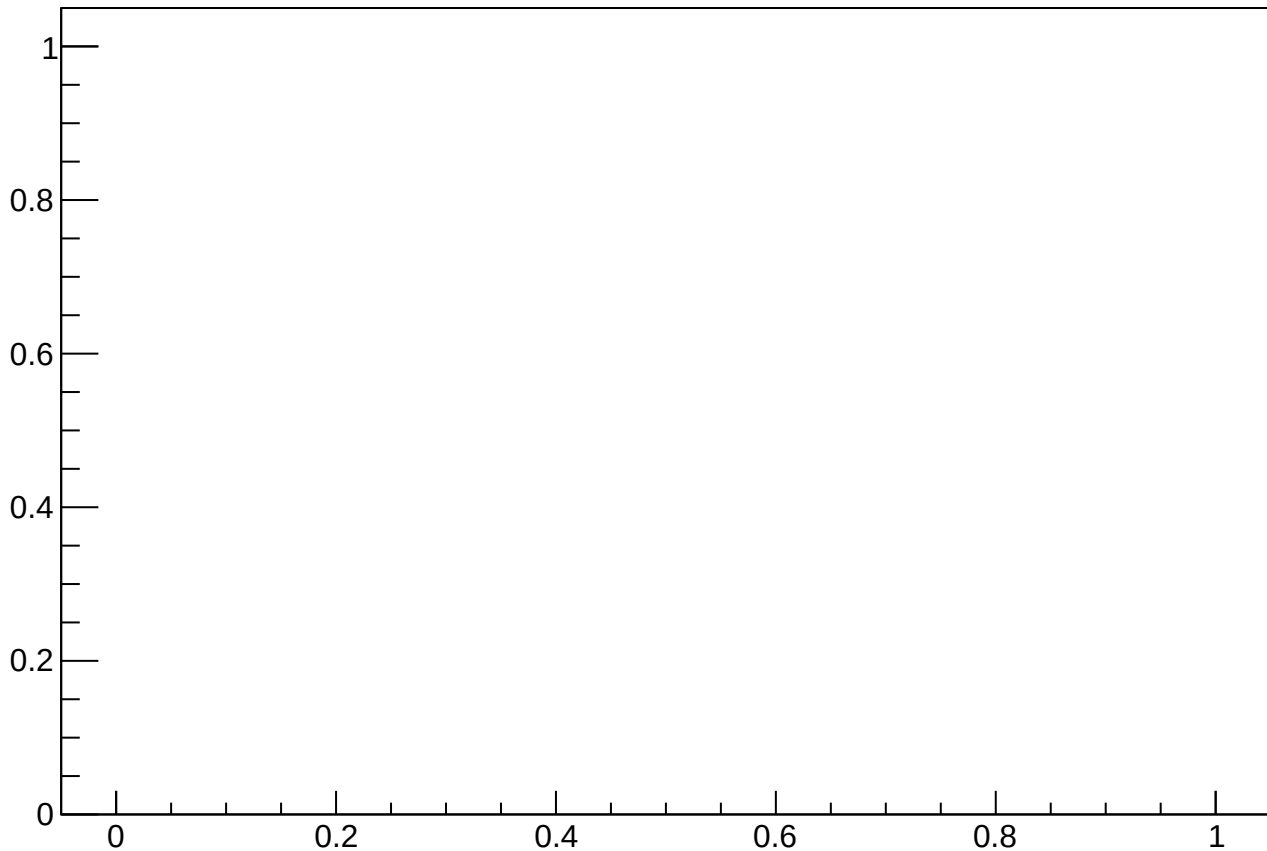
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

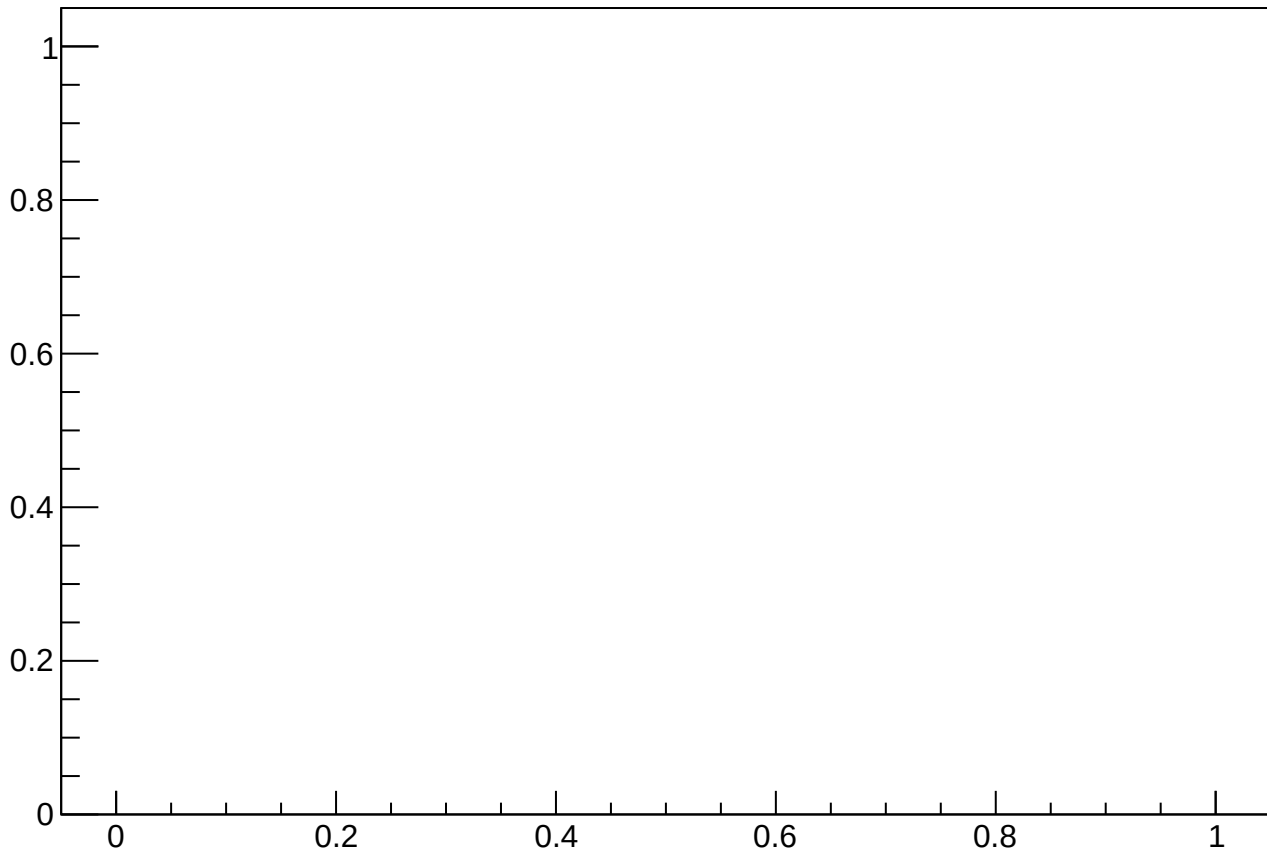
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

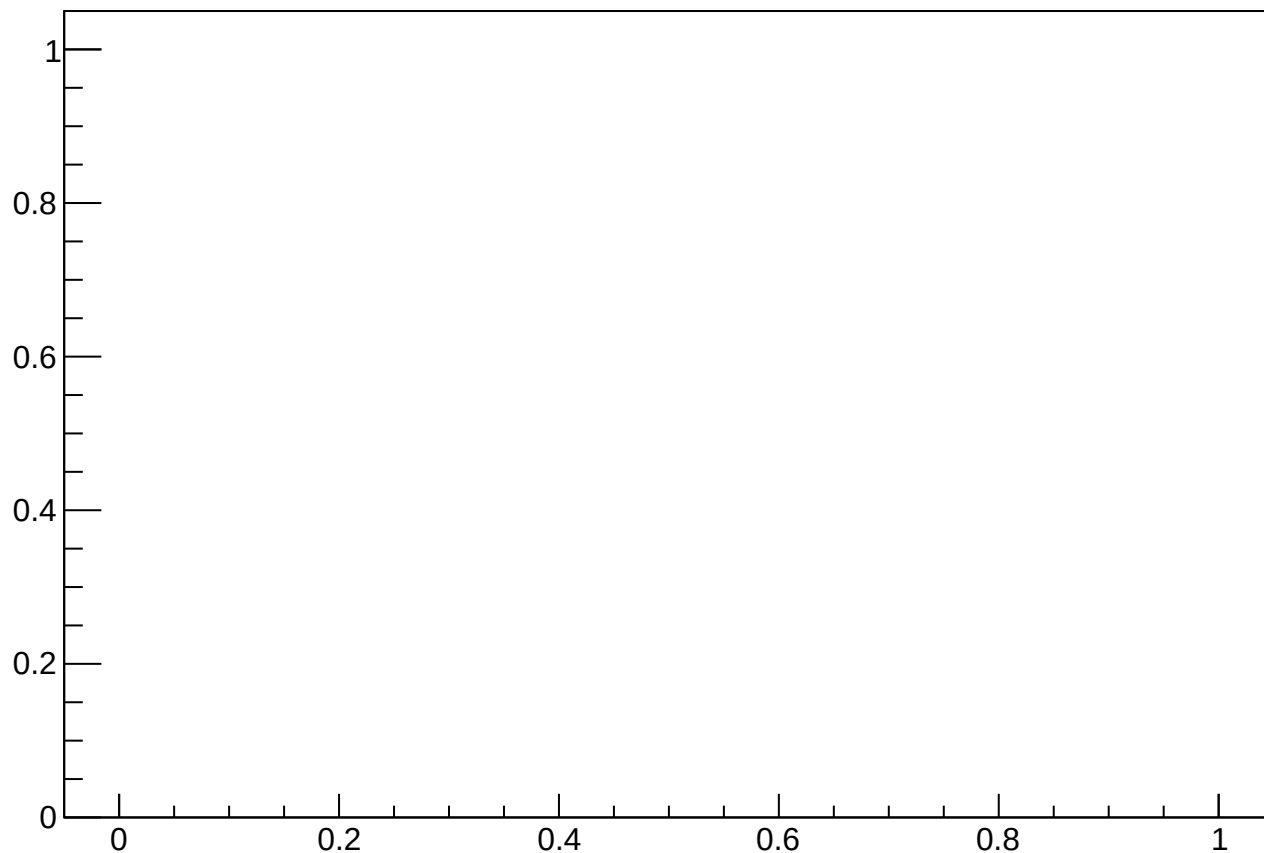
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

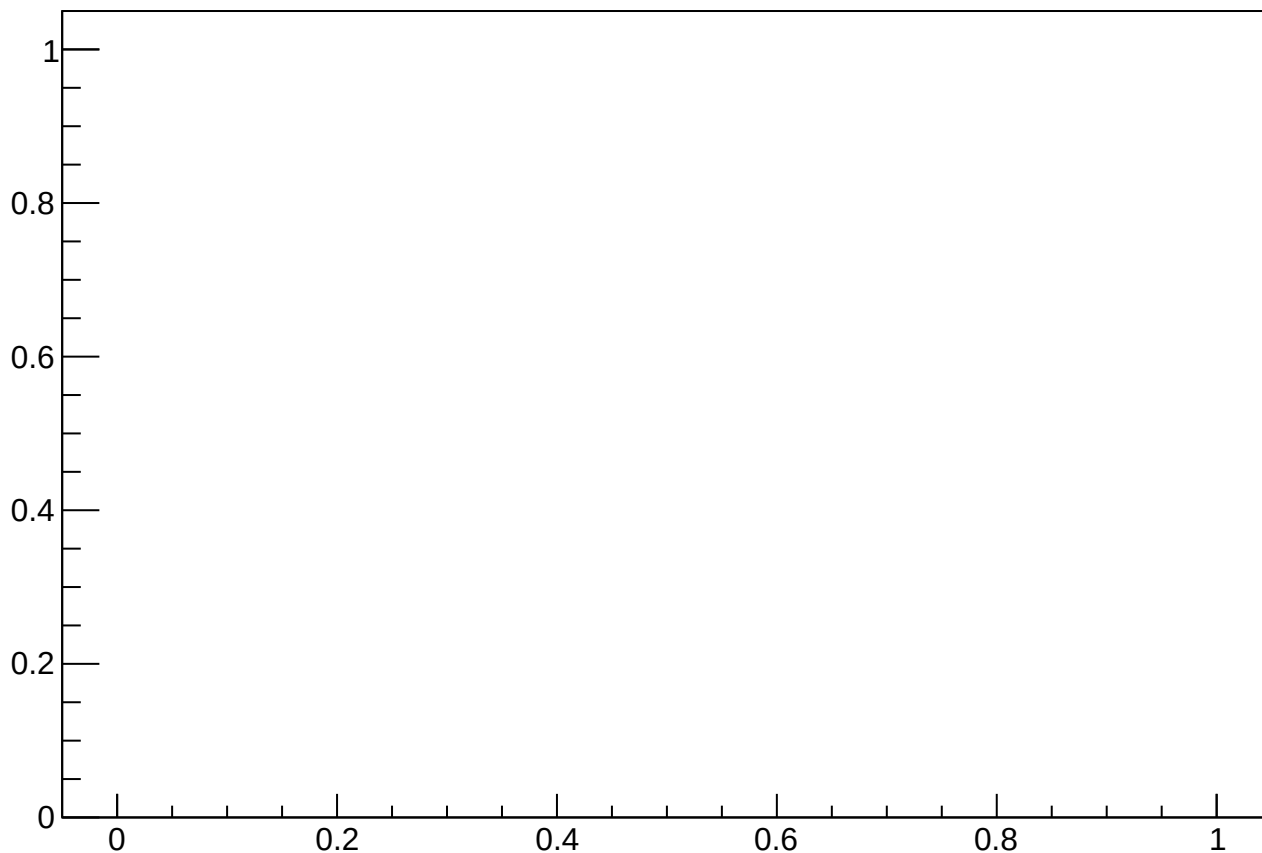
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

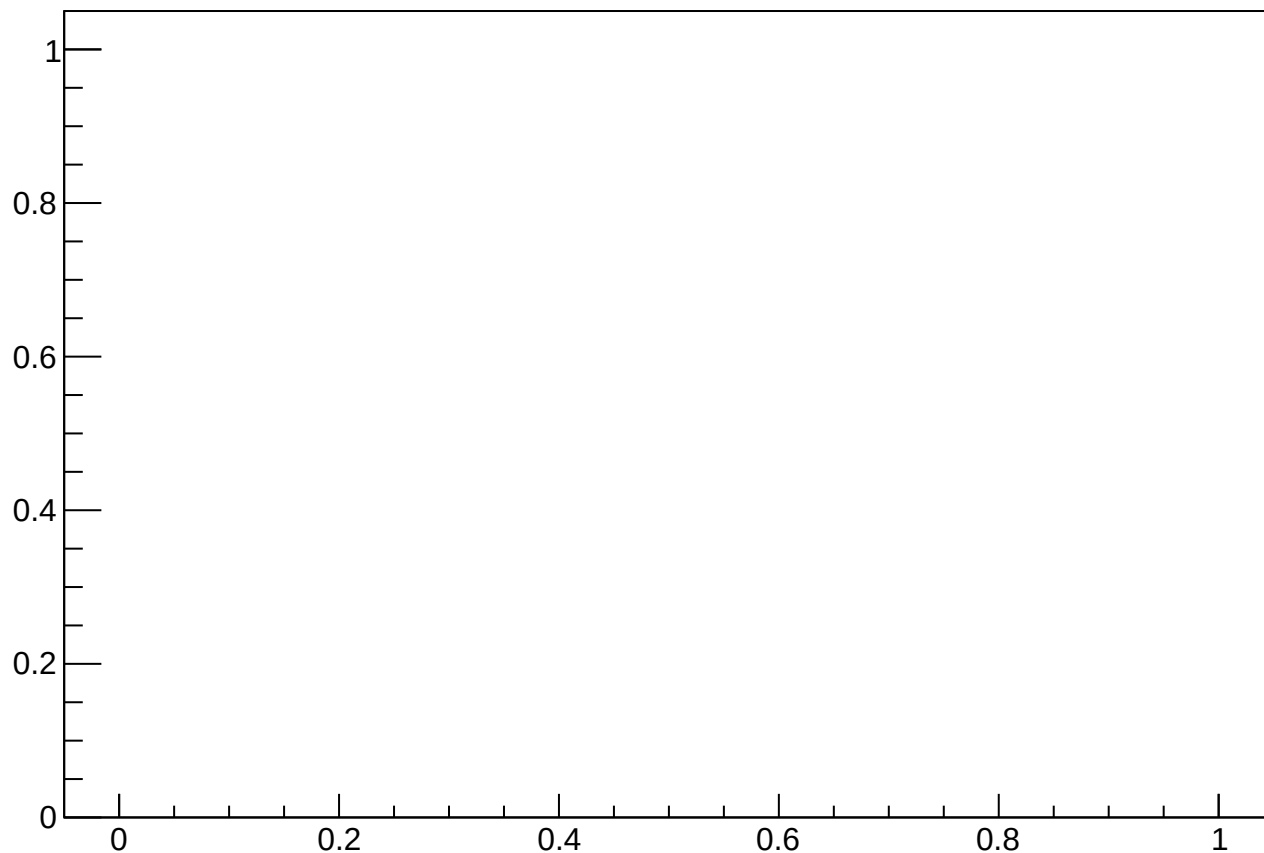
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

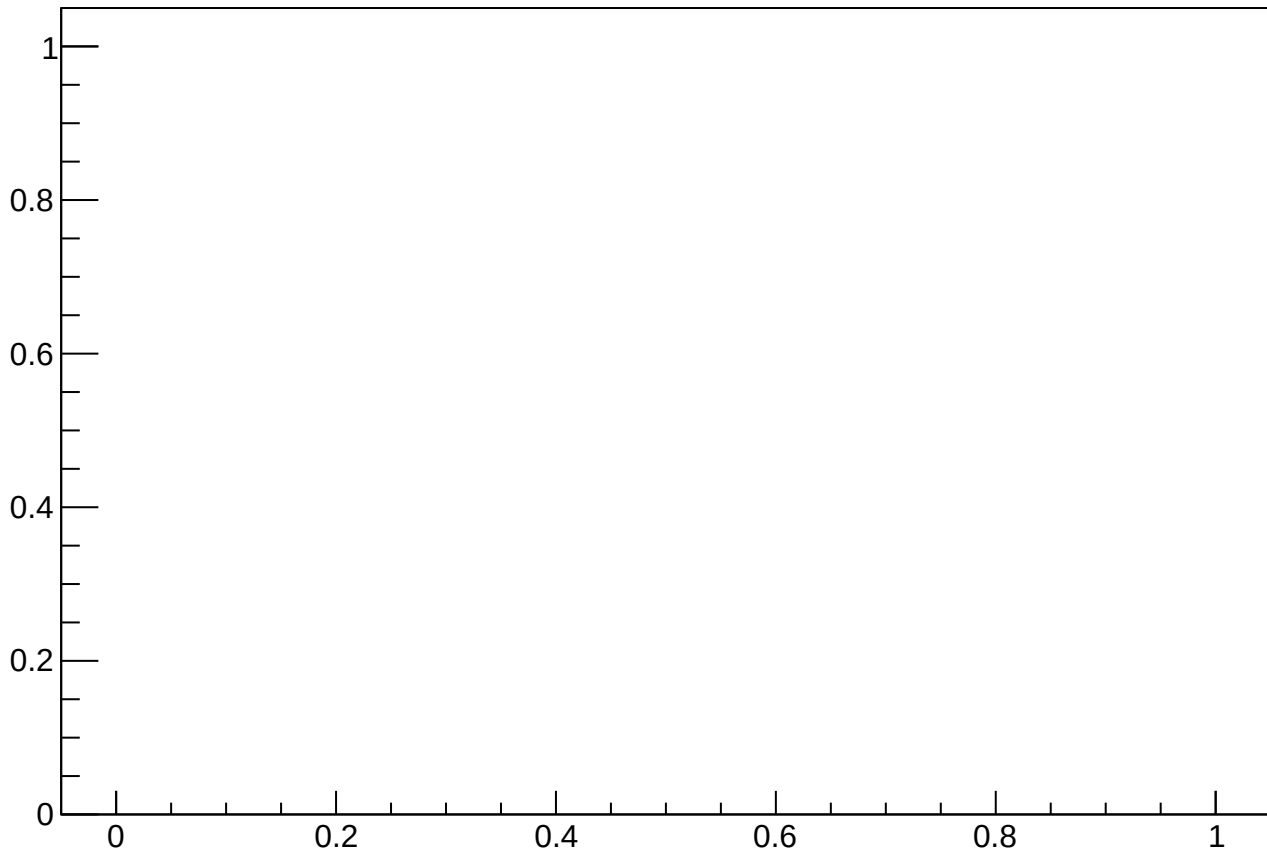
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

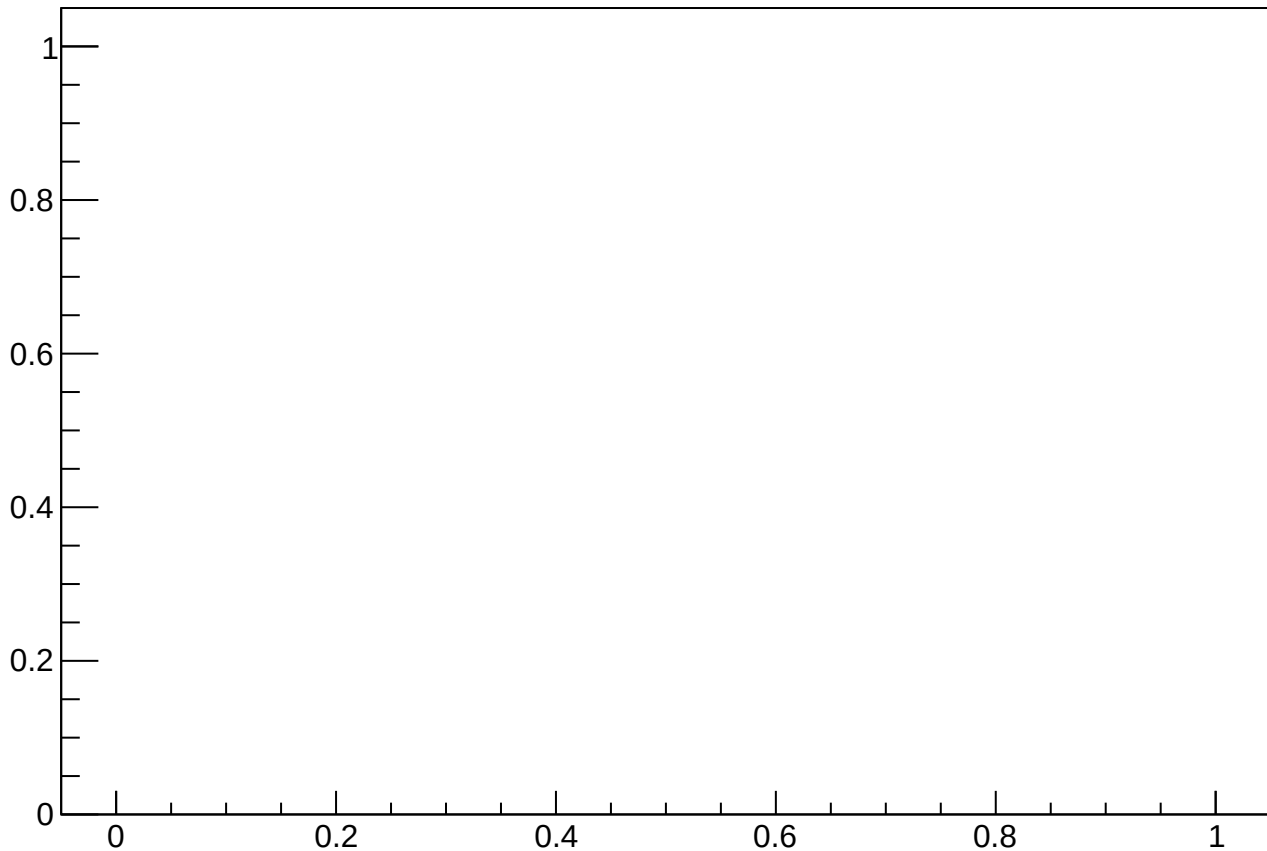
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

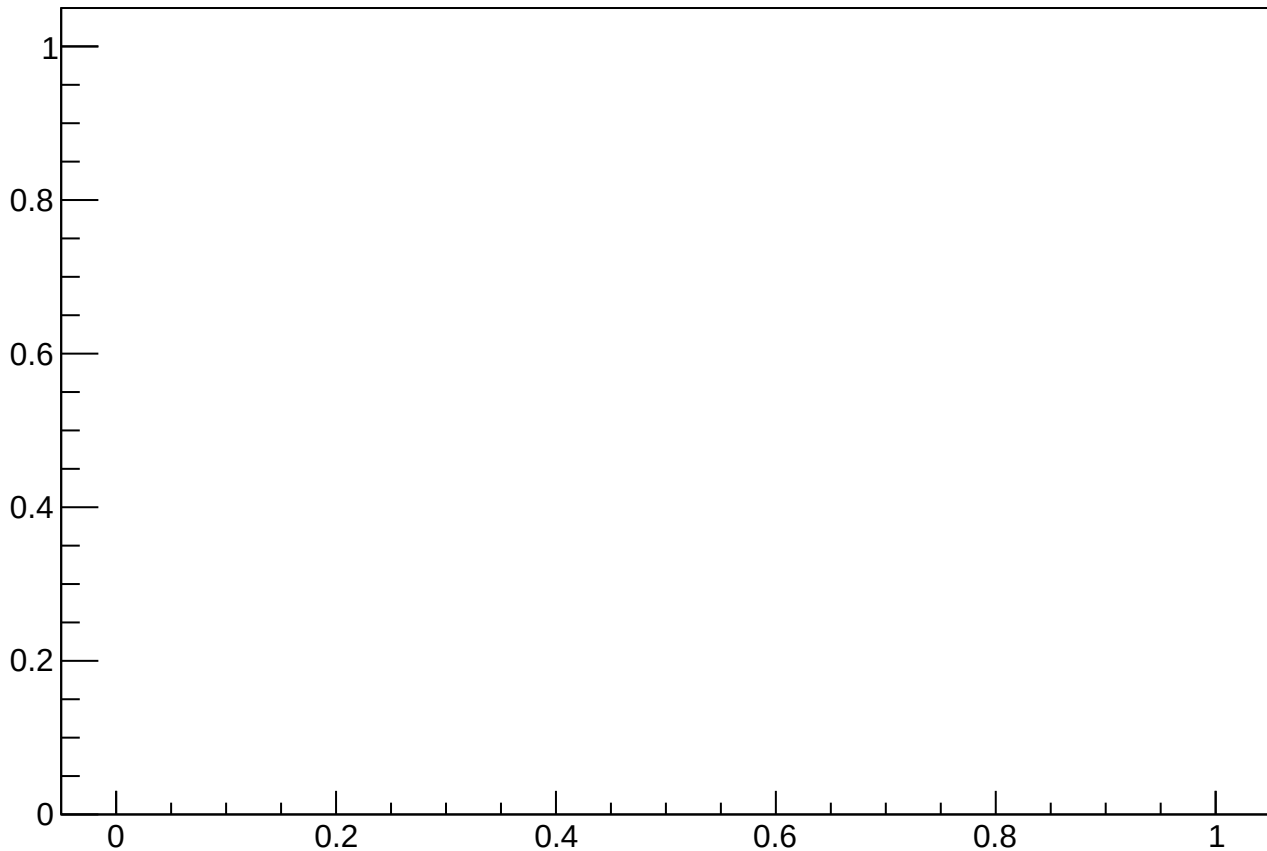
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

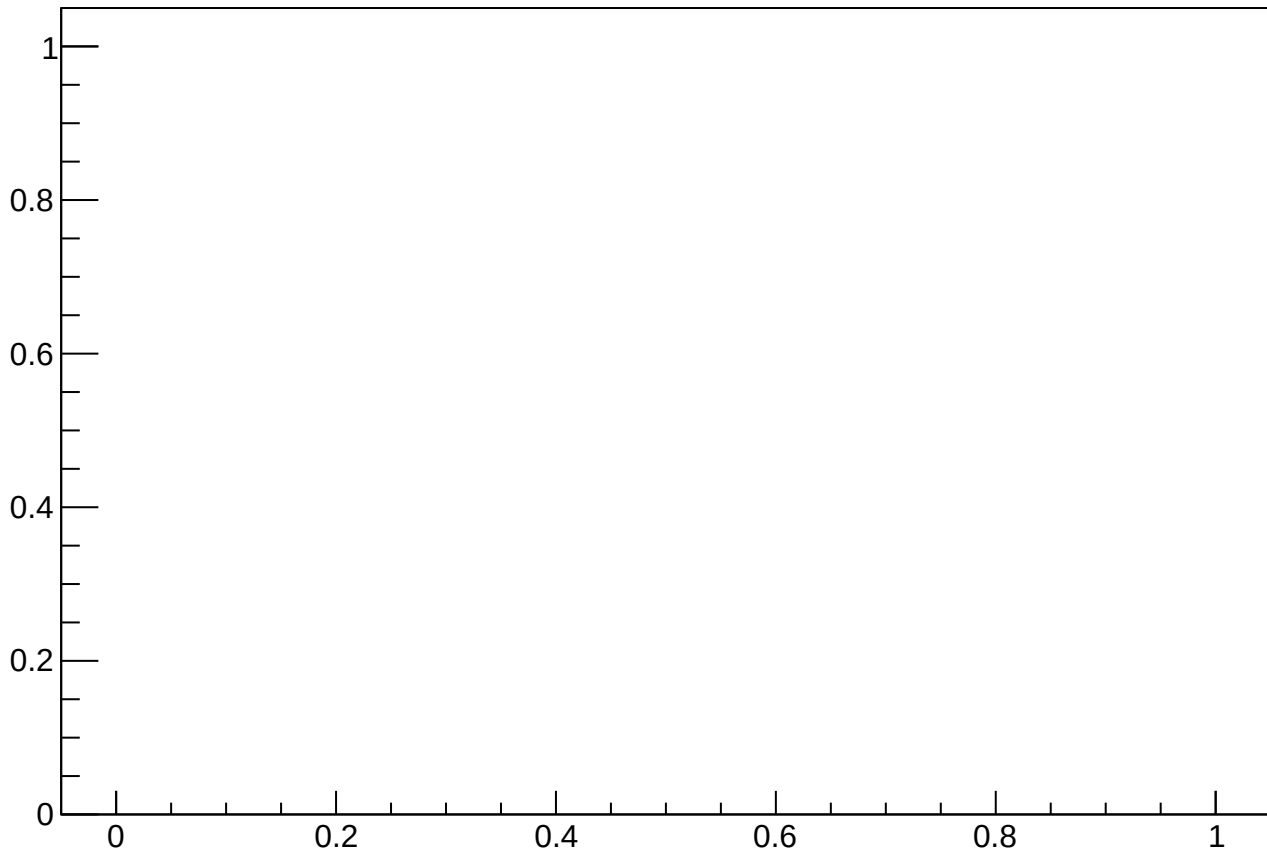
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

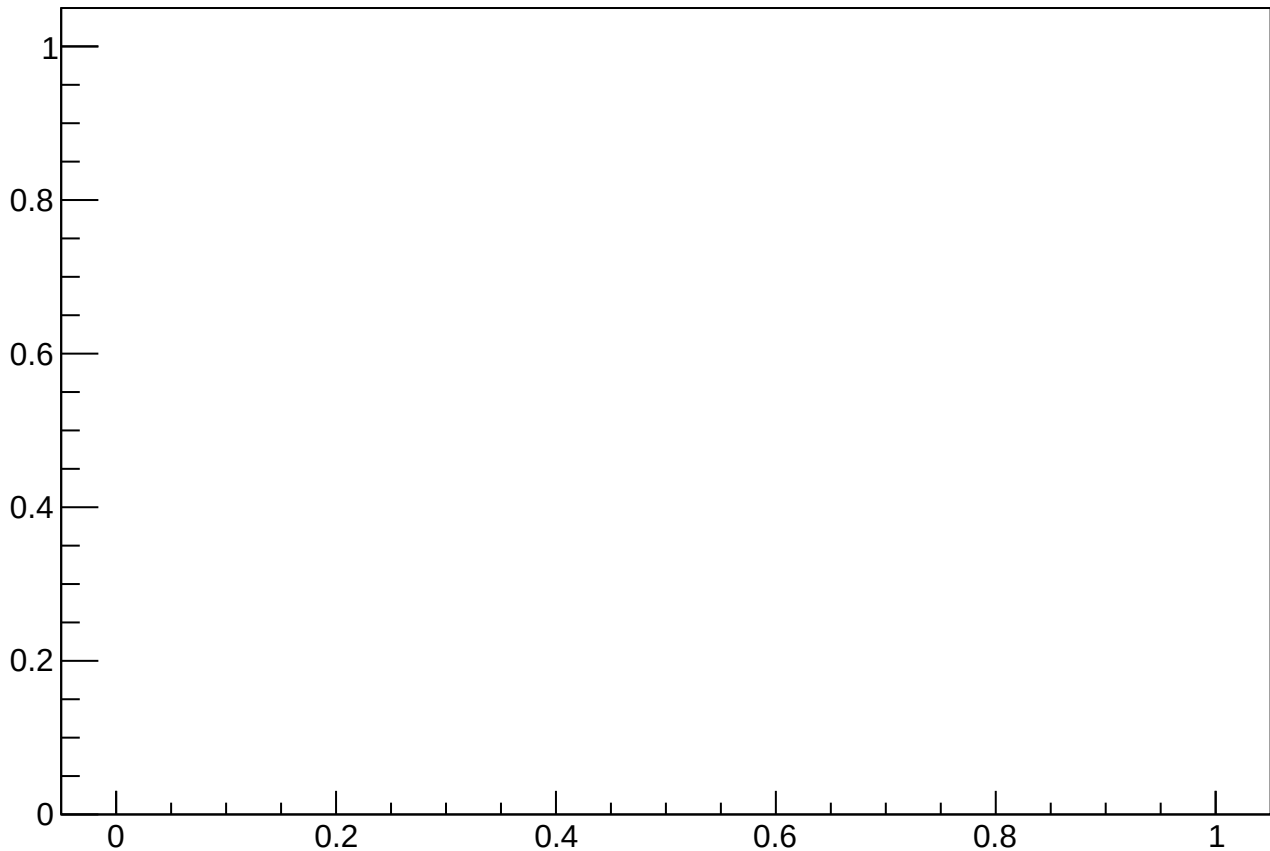
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

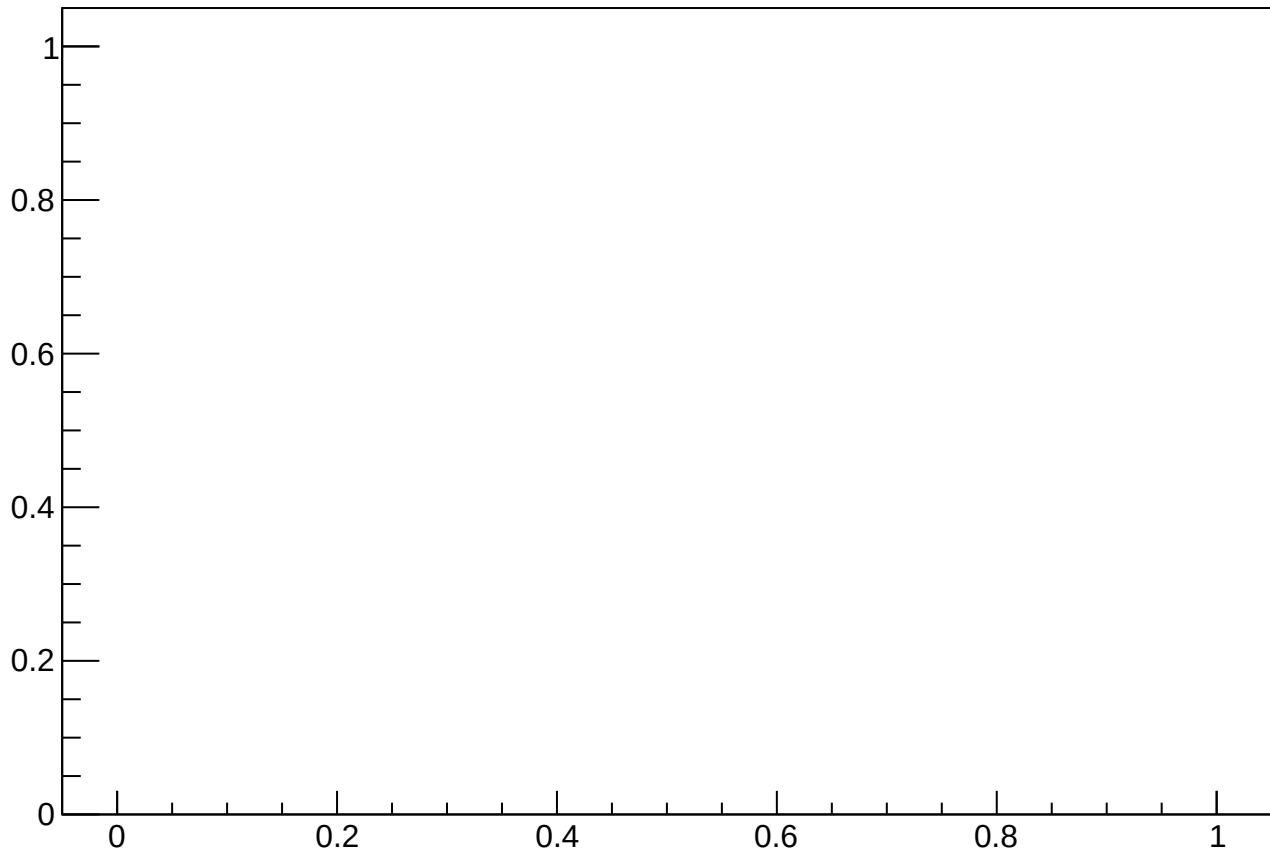
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

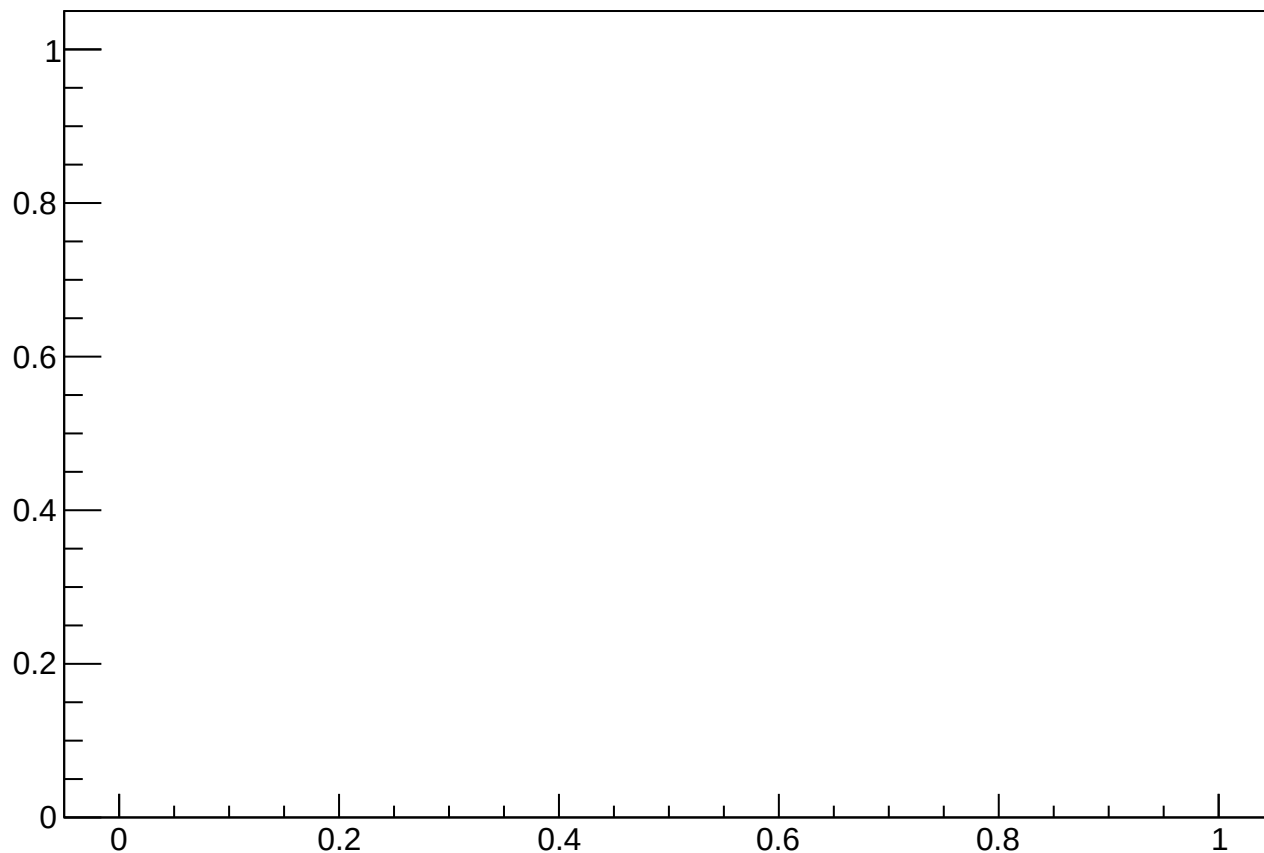
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

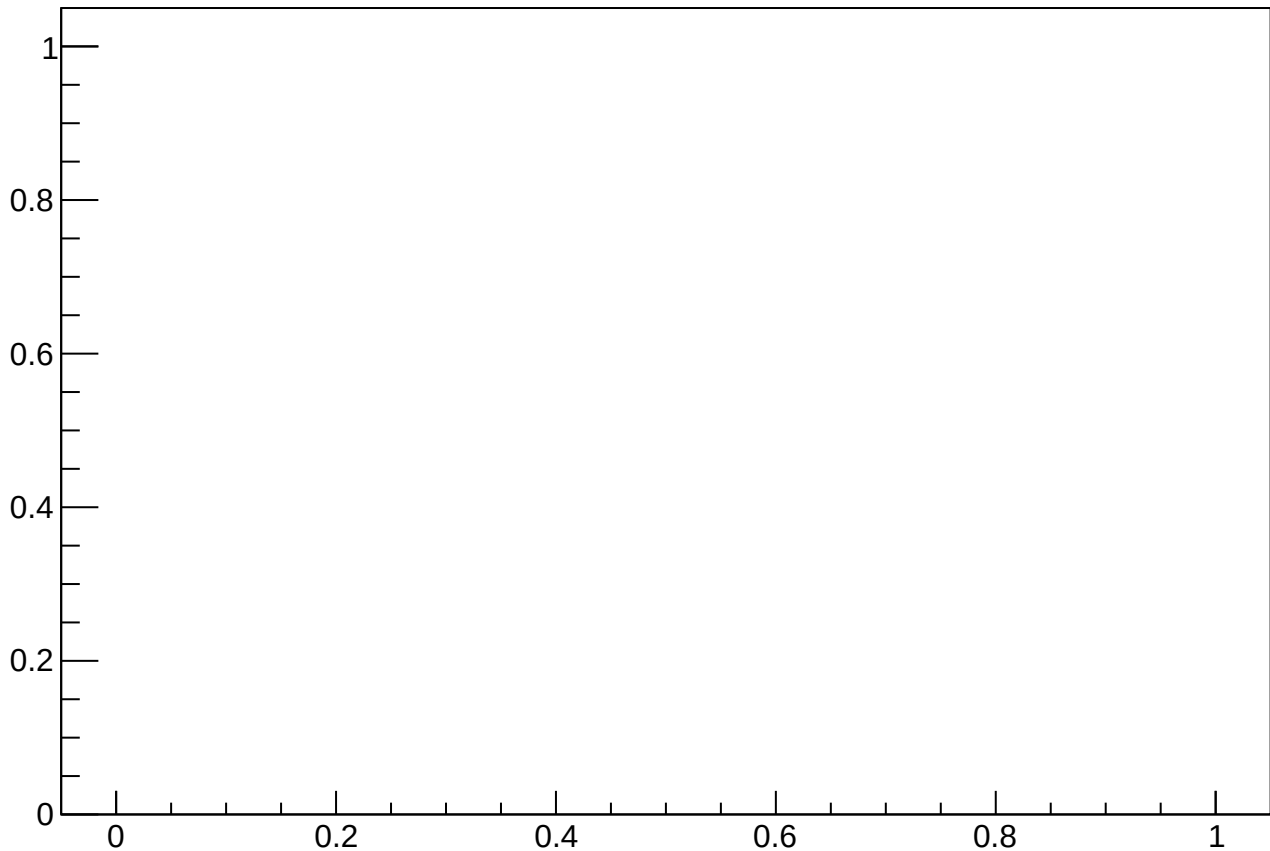
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

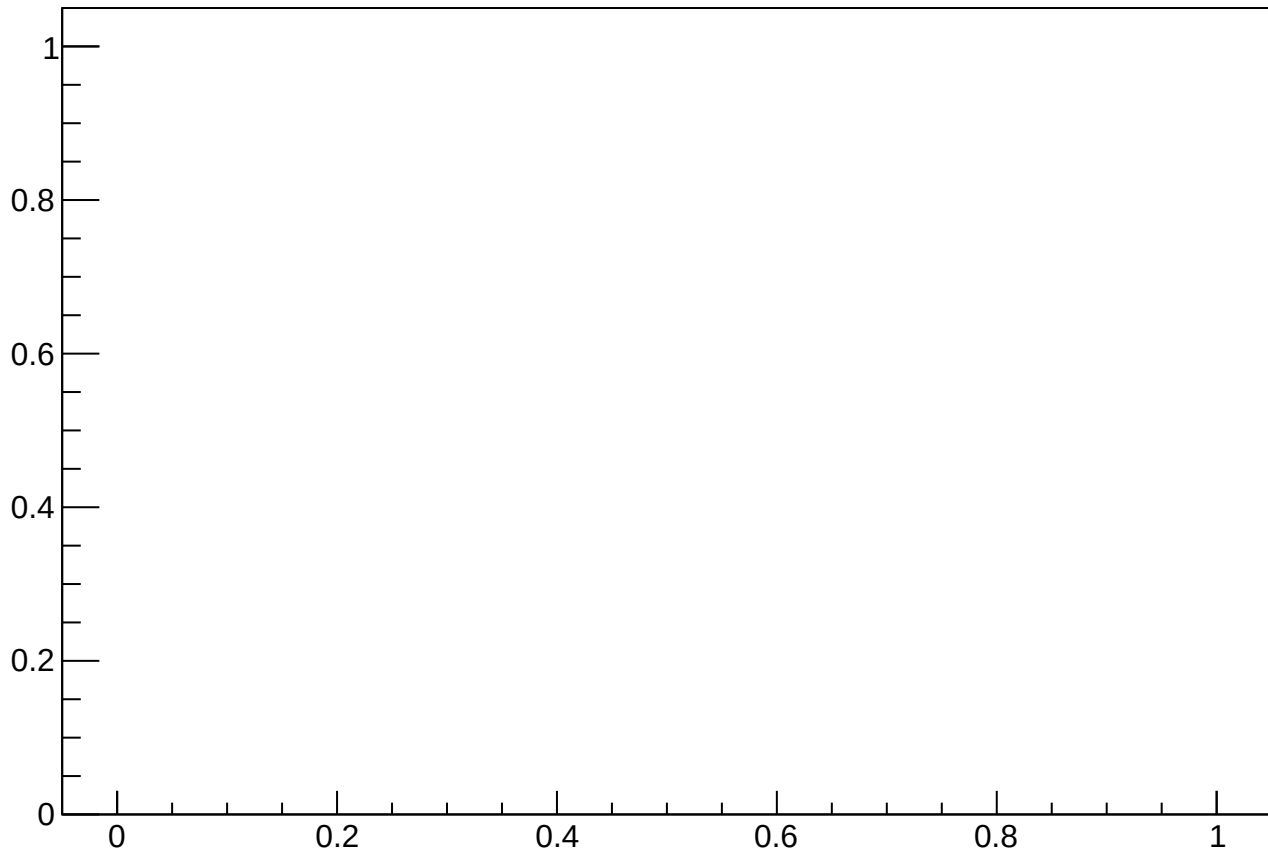
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

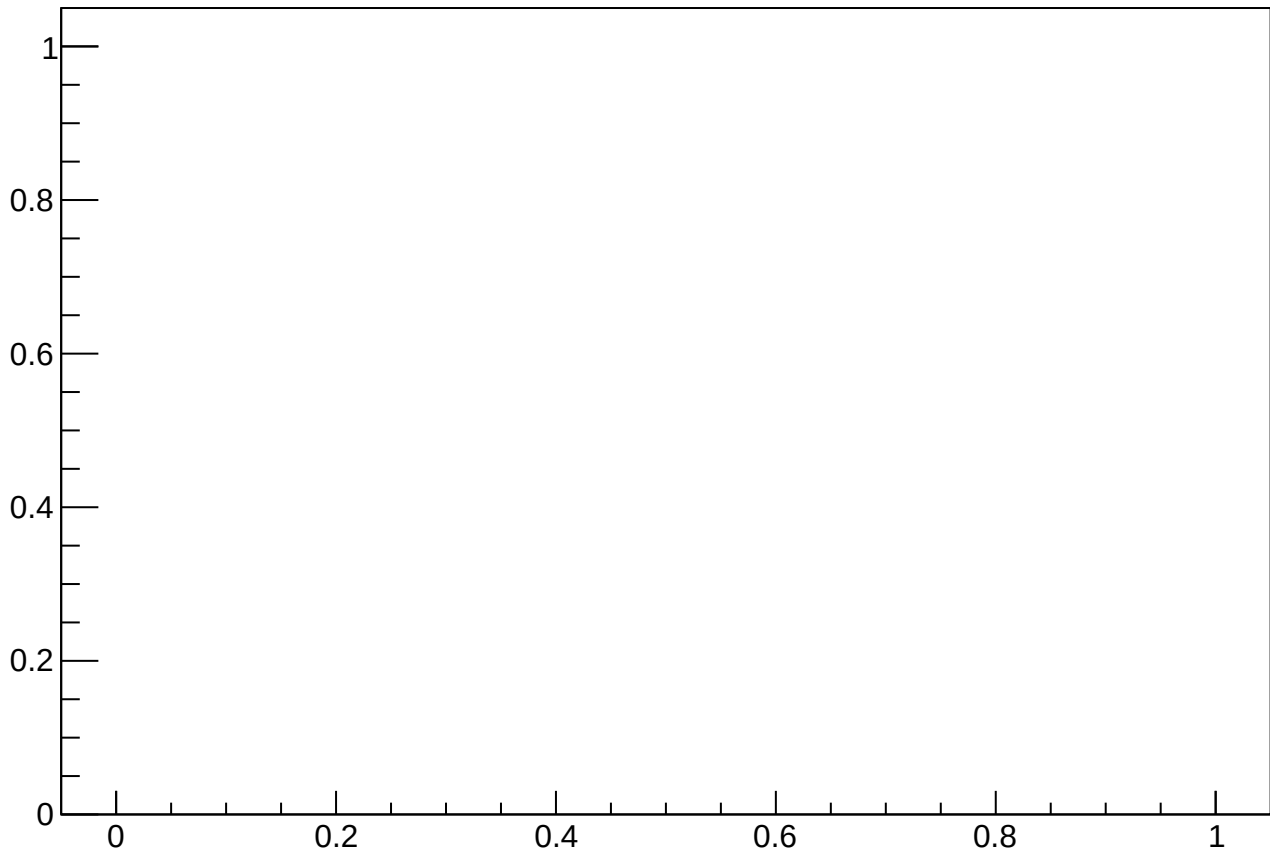
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

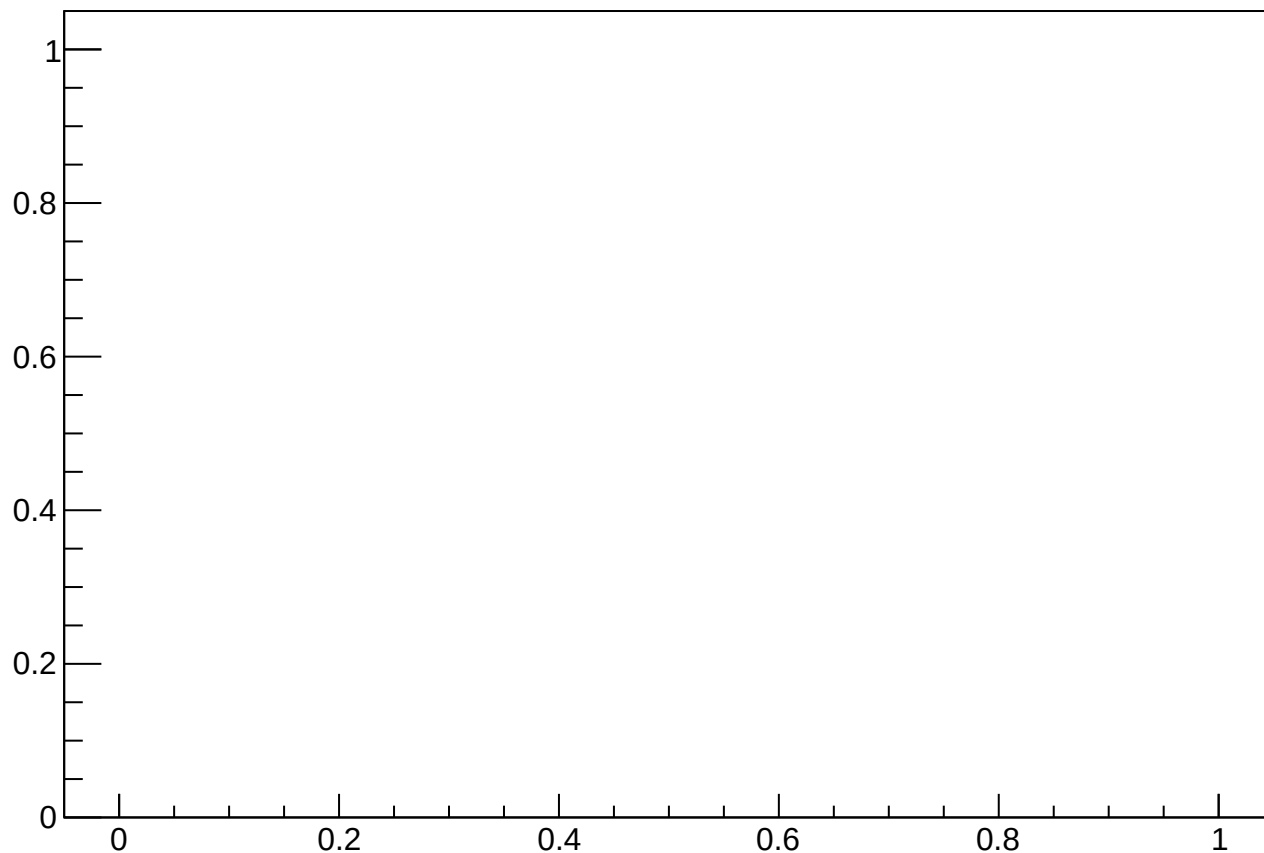
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

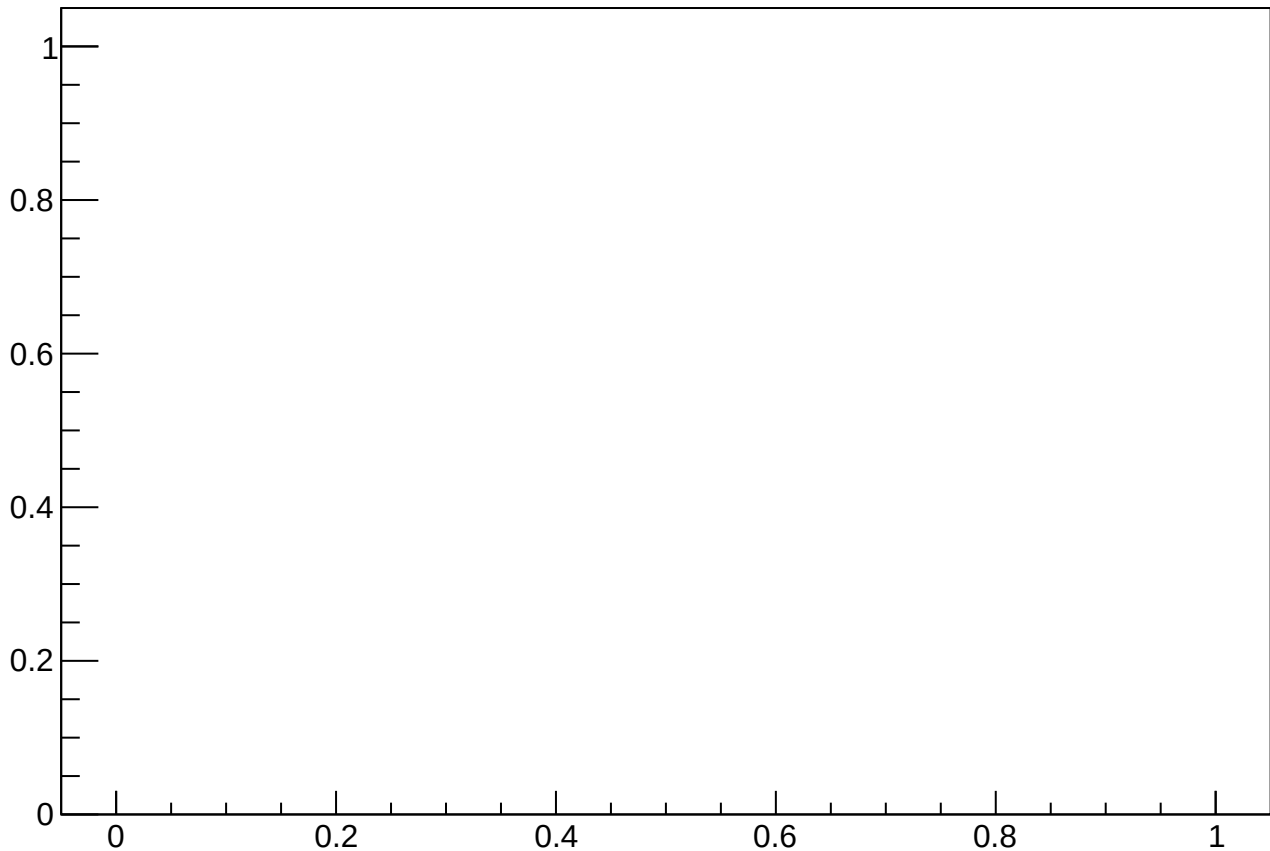
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

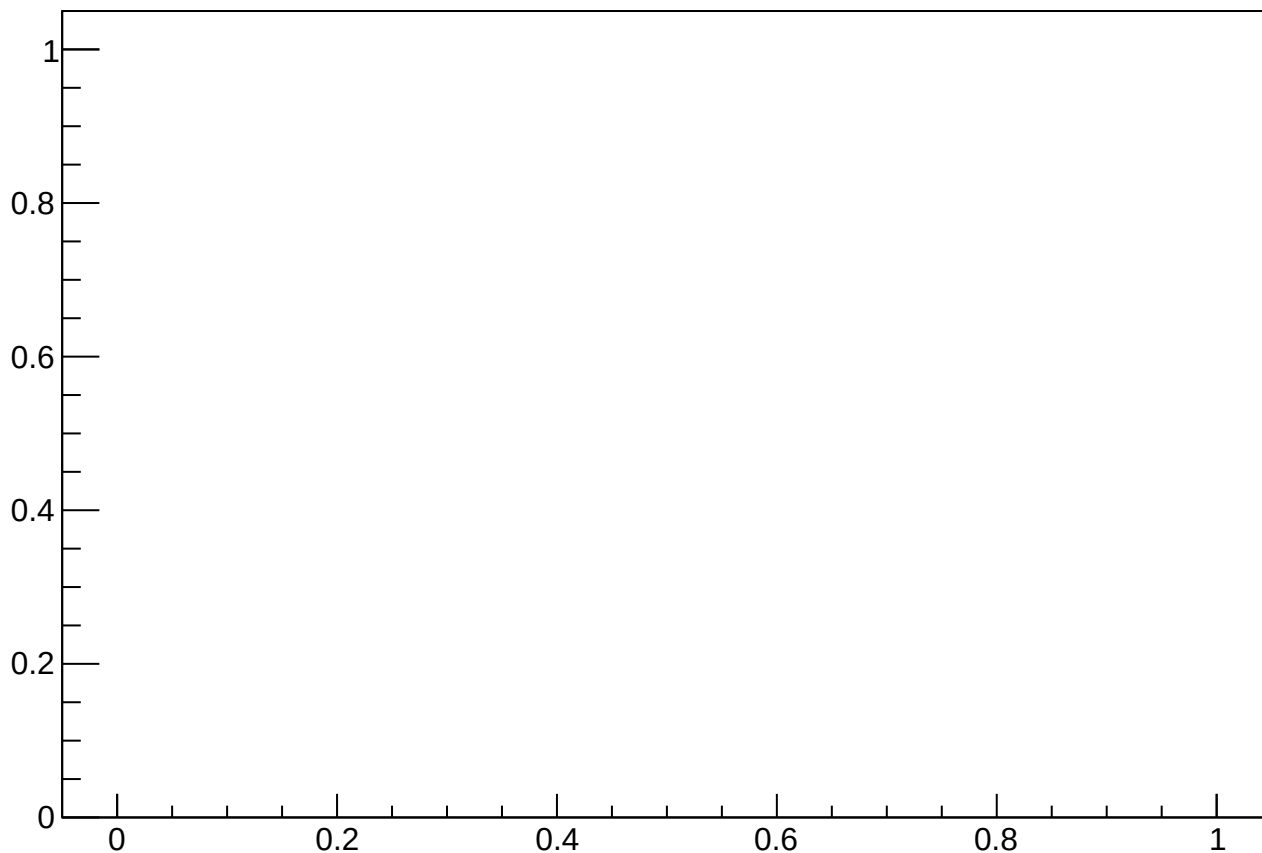
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

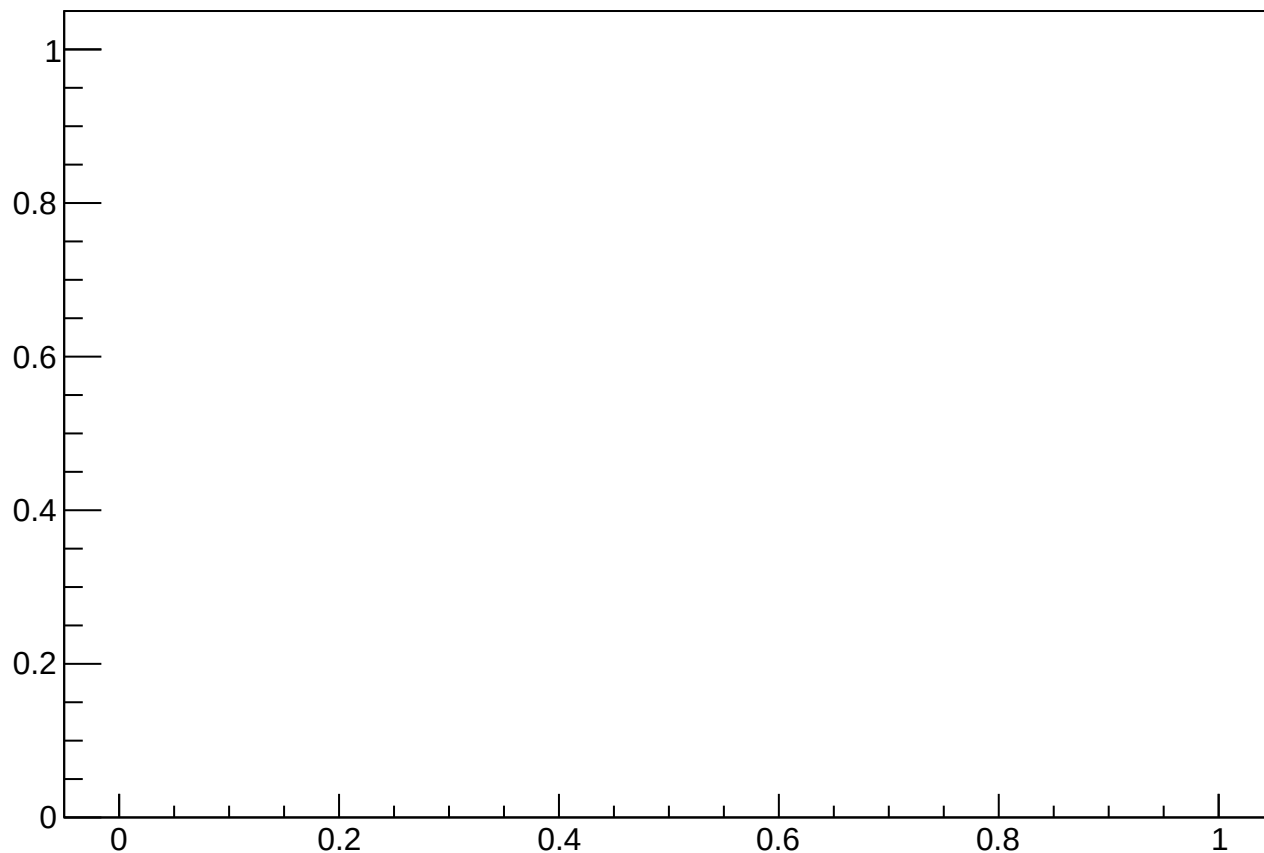
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

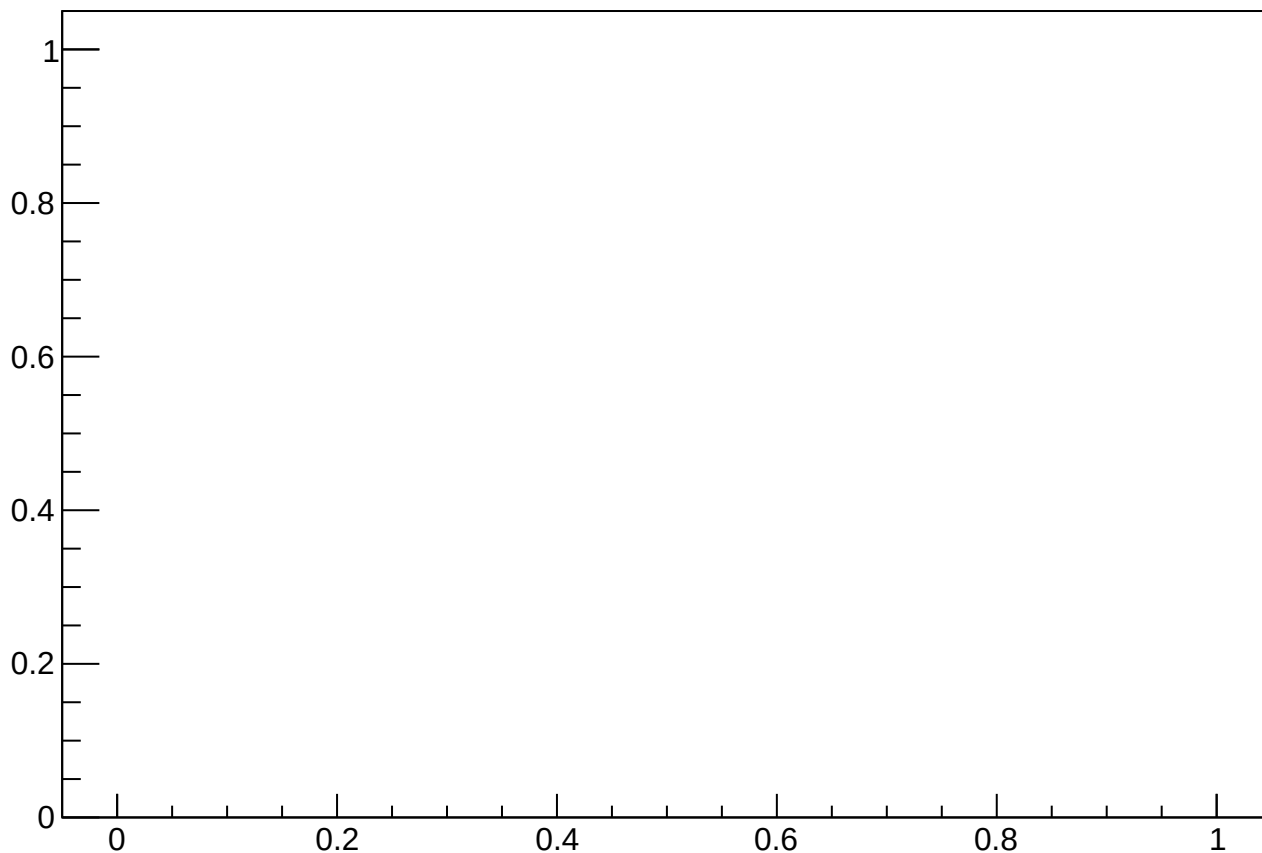
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

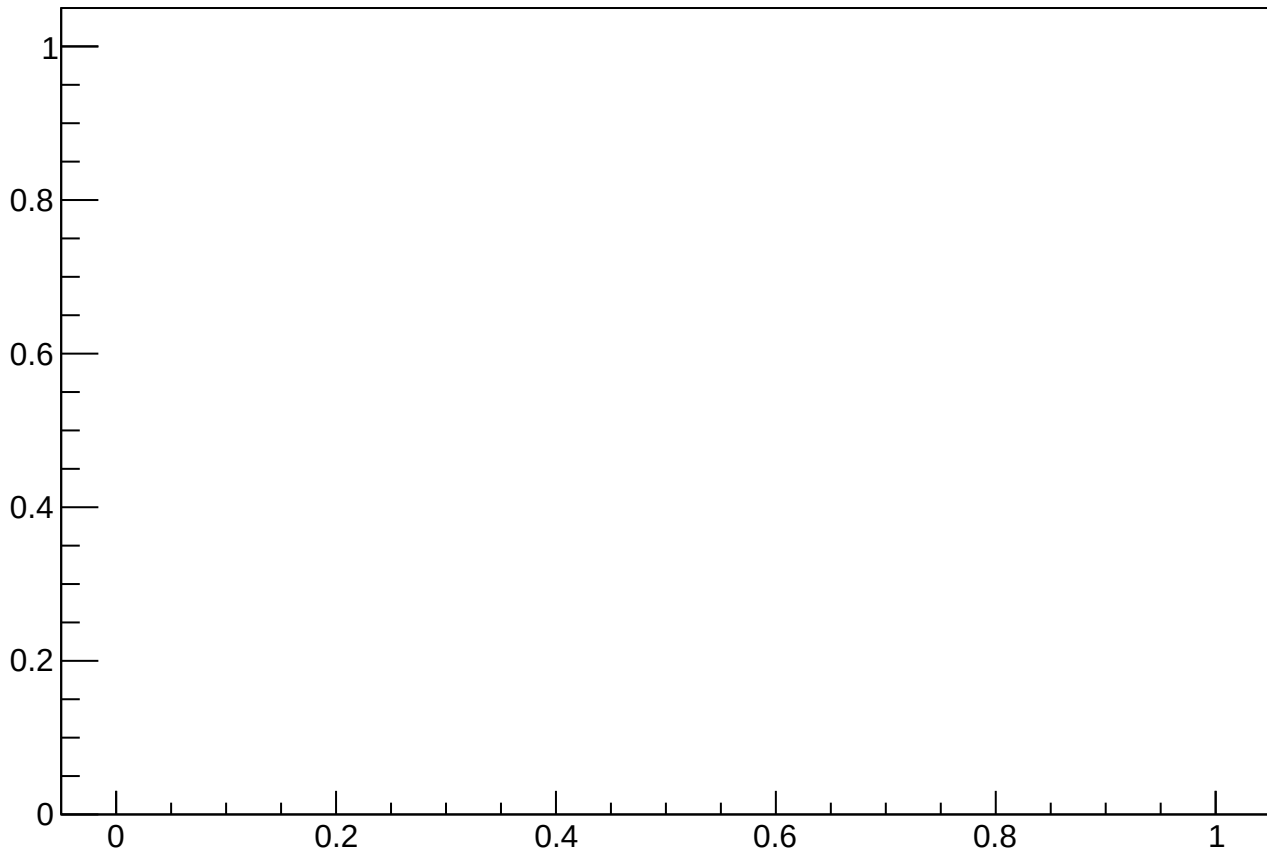
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

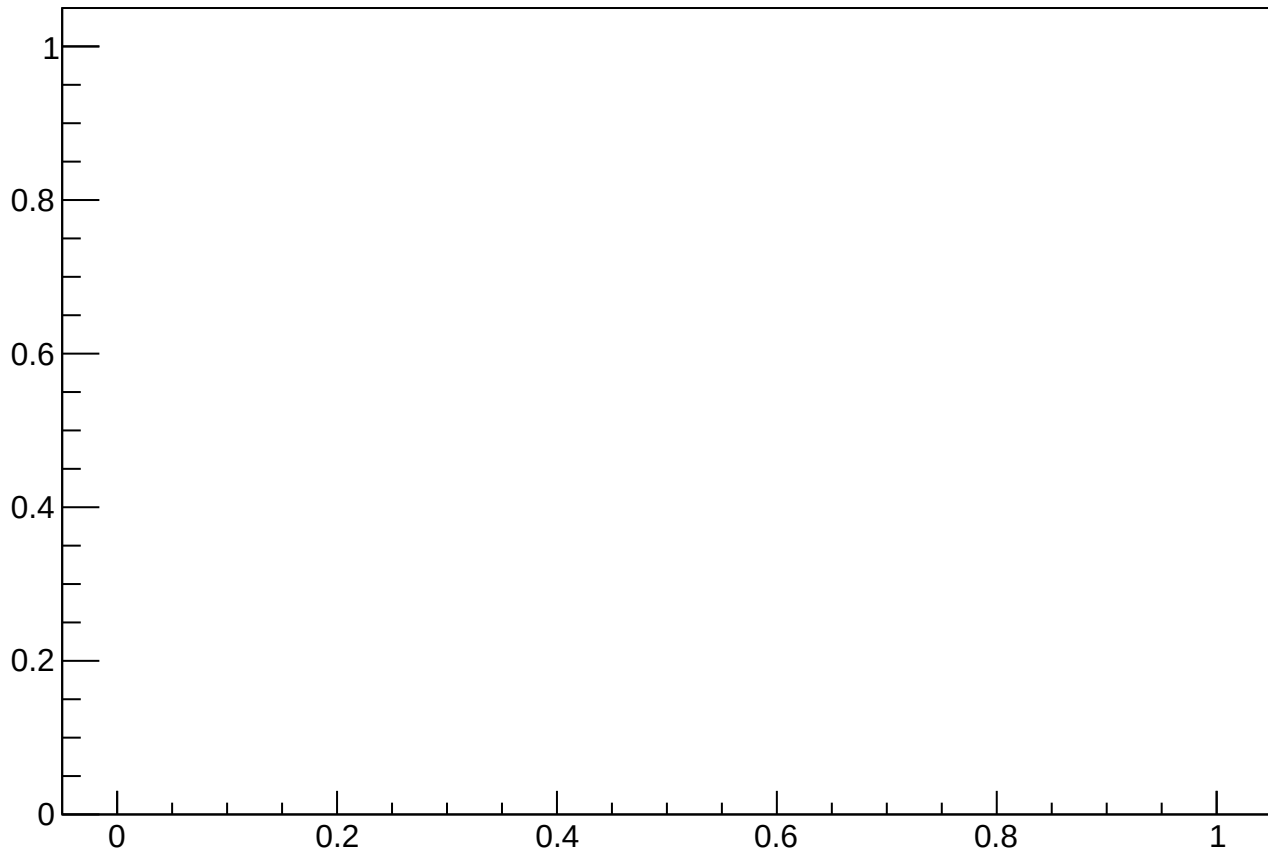
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

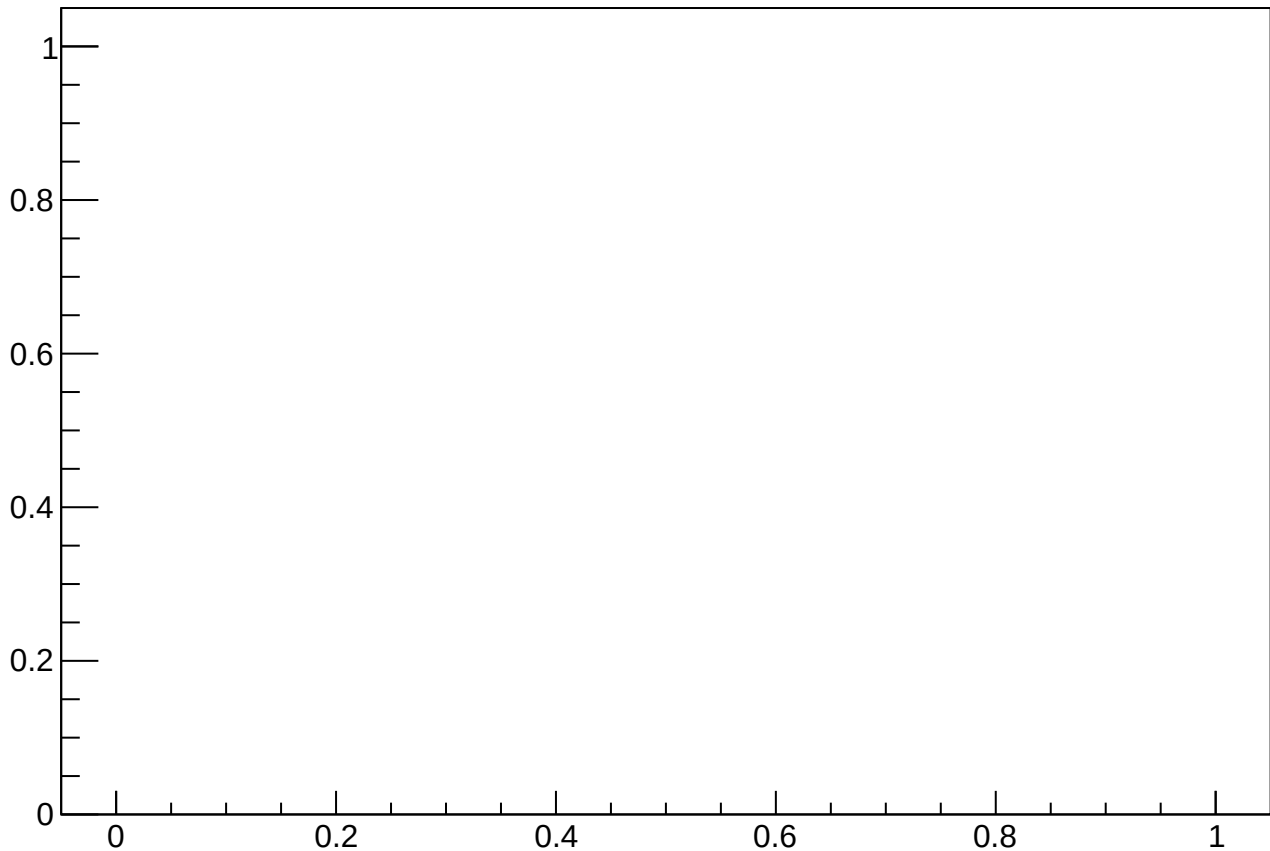
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

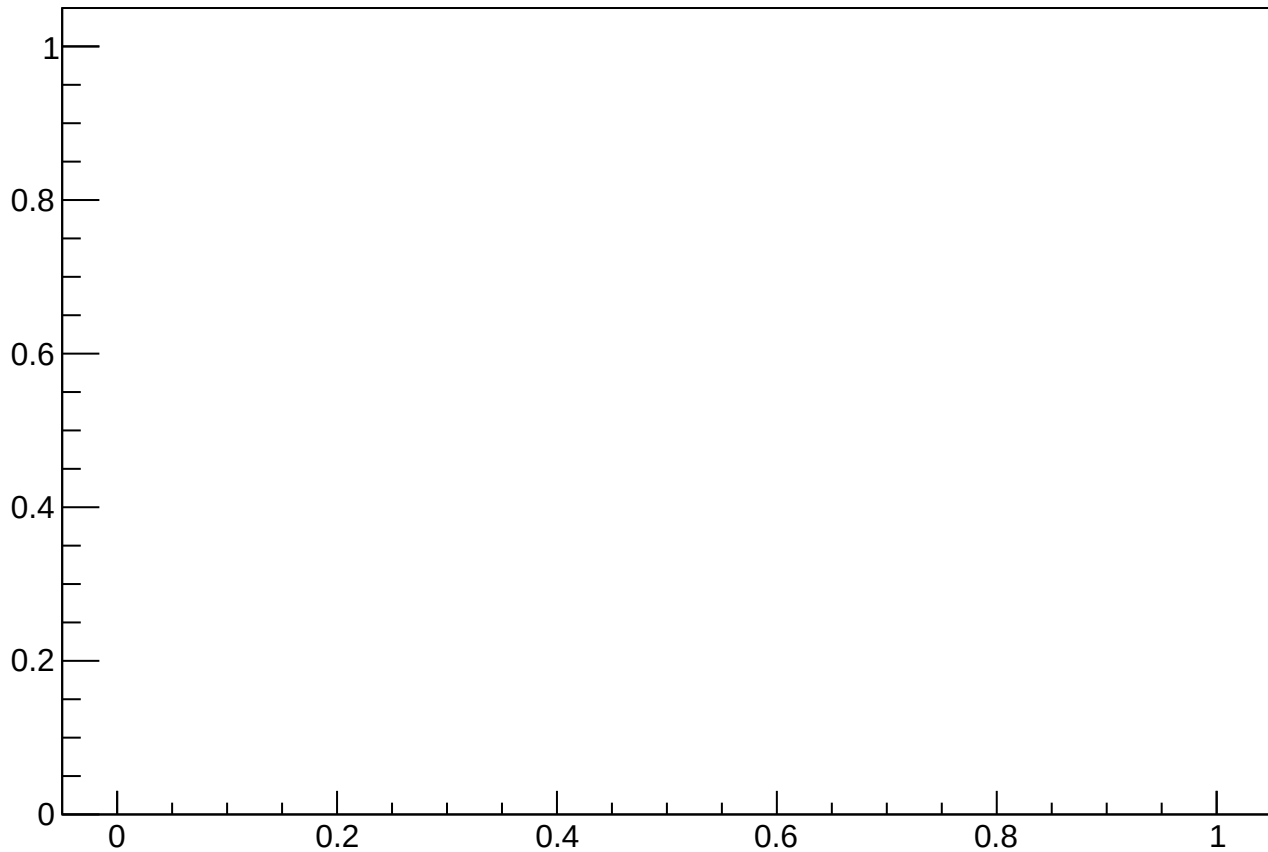
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

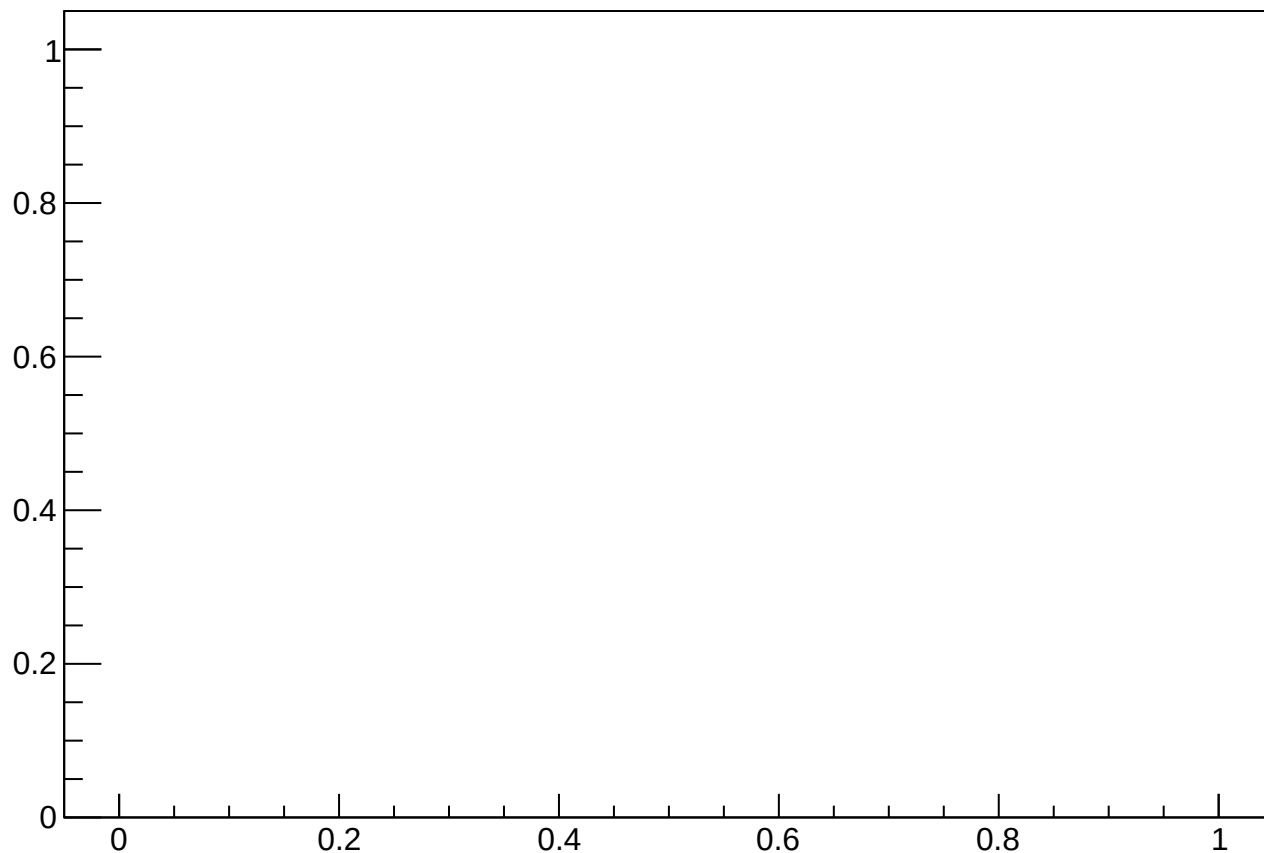
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

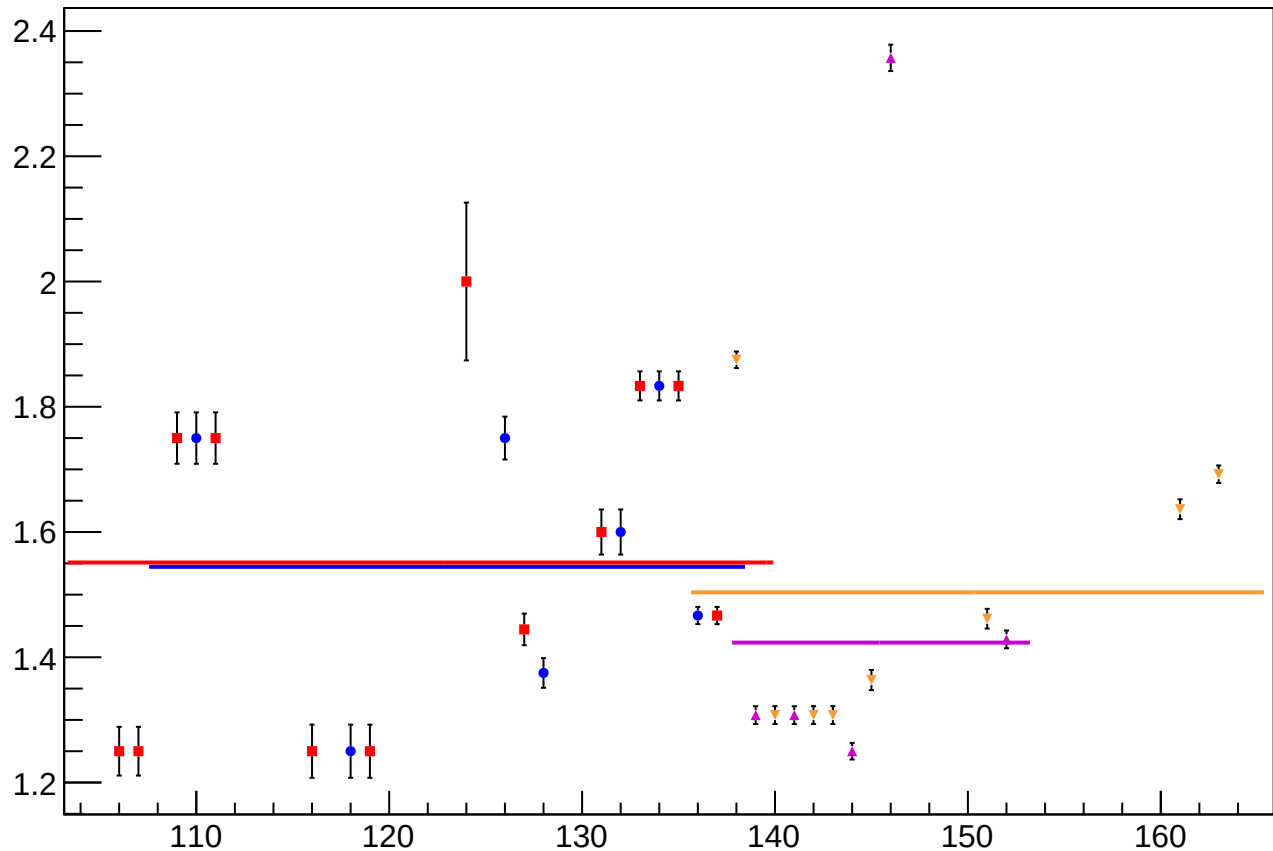
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.504+/-0.005 χ^2/NDF : 1691.6/7

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.423+/-0.007 χ^2/NDF : 2269.8/4

Left: 1.473+/-0.004 χ^2/NDF : 4052.9/12

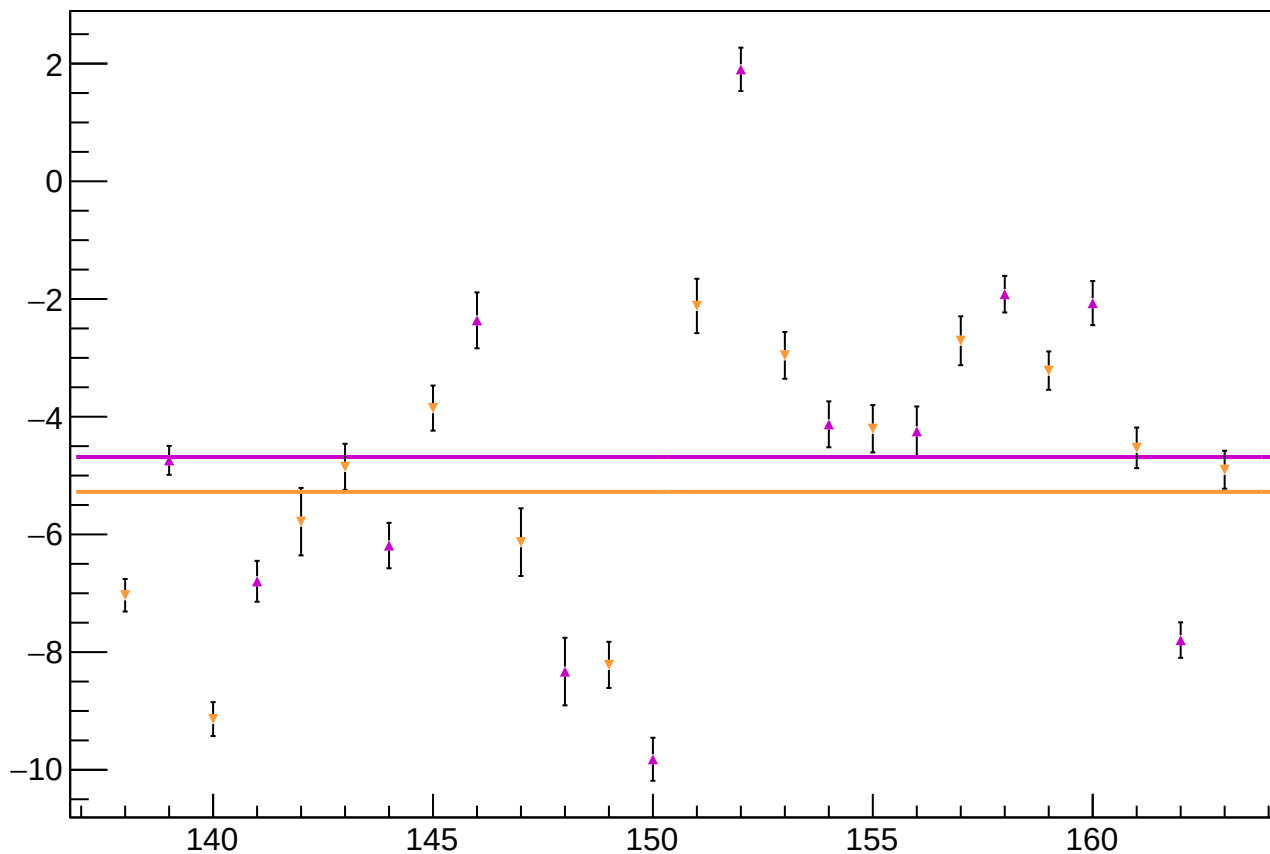
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.464+/-0.005 χ^2/NDF : 2732.9/11

Out: 1.517+/-0.004 χ^2/NDF : 2349.5/19

All: 1.496+/-0.003 χ^2/NDF : 5140.7/31

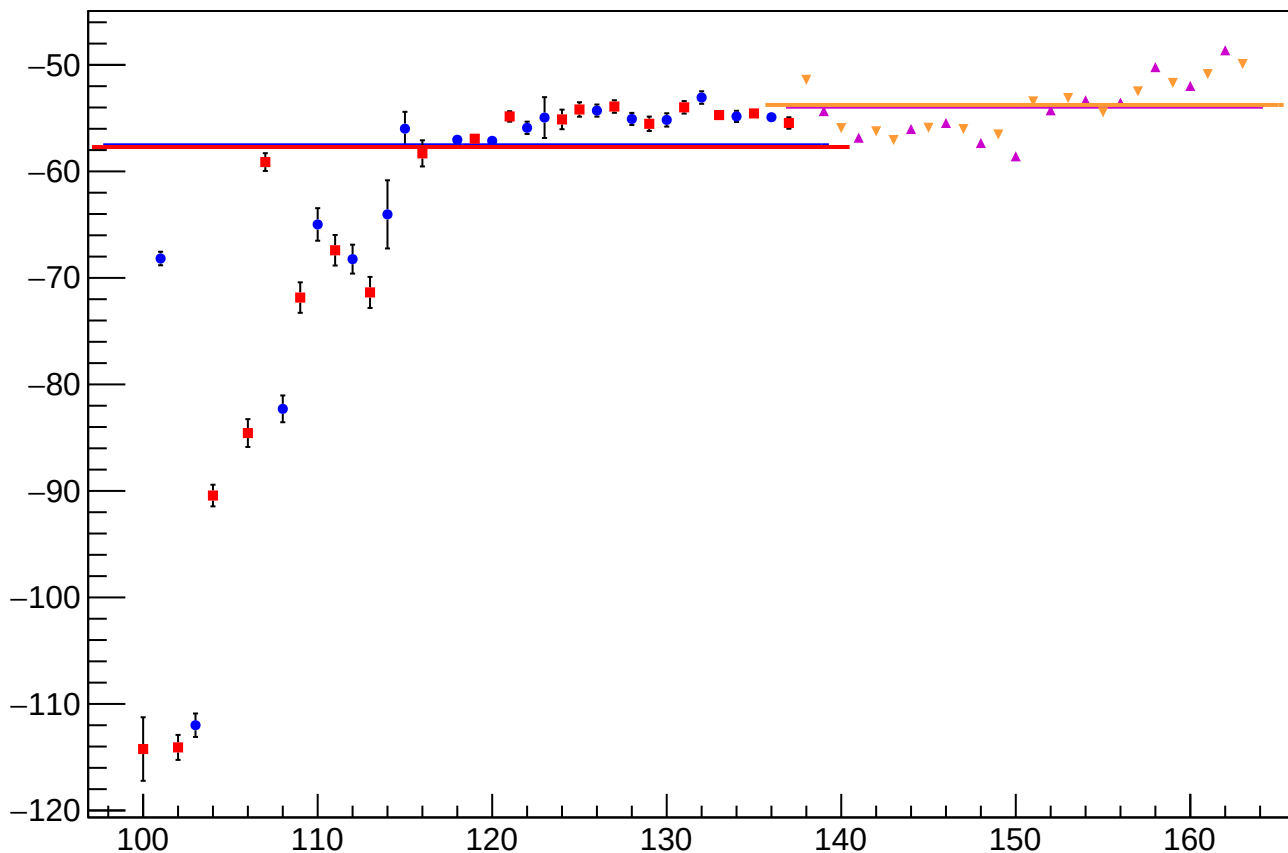
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.277 $\pm$ 0.099 χ^2/NDF :466.2/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -4.684 $\pm$ 0.103 χ^2/NDF :870.7/11

Left: -4.991 $\pm$ 0.071 χ^2/NDF : 1354.0/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -4.684 $\pm$ 0.103 χ^2/NDF :870.7/11
 Out: -5.277 $\pm$ 0.099 χ^2/NDF :466.2/13
 All: -4.991 $\pm$ 0.071 χ^2/NDF : 1354.0/25

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.759 ± 0.073 χ^2/NDF : 1055.8/13

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -53.926 ± 0.078 χ^2/NDF : 1544.3/11

Left: -53.837 ± 0.053 χ^2/NDF : 2602.6/25

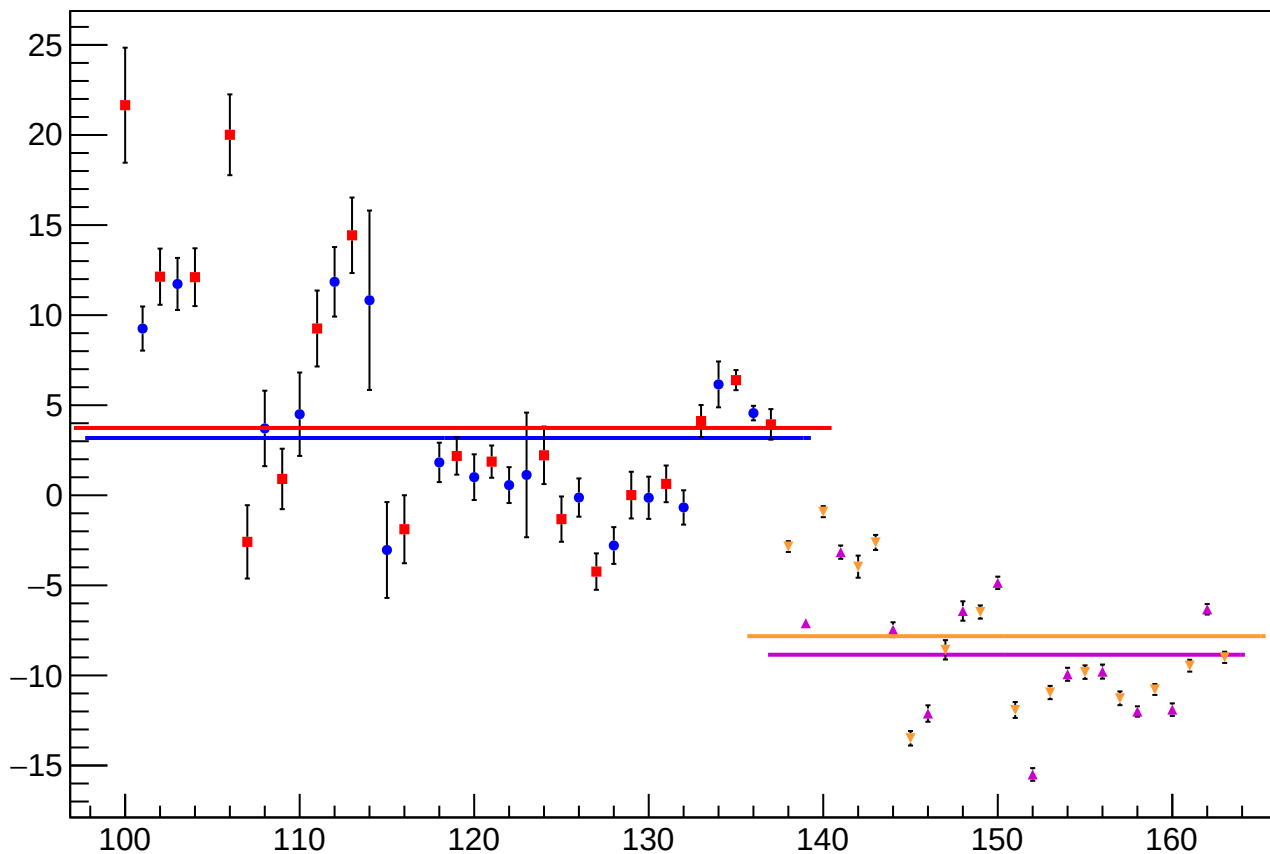
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -54.765 ± 0.068 χ^2/NDF : 5507.9/28

Out: -54.574 ± 0.065 χ^2/NDF : 6367.8/32

All: -54.665 ± 0.047 χ^2/NDF : 11879.8/61

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: -7.822 ± 0.098 $\chi^2/\text{NDF}: 1590.7/13$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -8.851 ± 0.101 $\chi^2/\text{NDF}: 1142.0/11$

Left: -8.323 ± 0.070 $\chi^2/\text{NDF}: 2786.3/25$

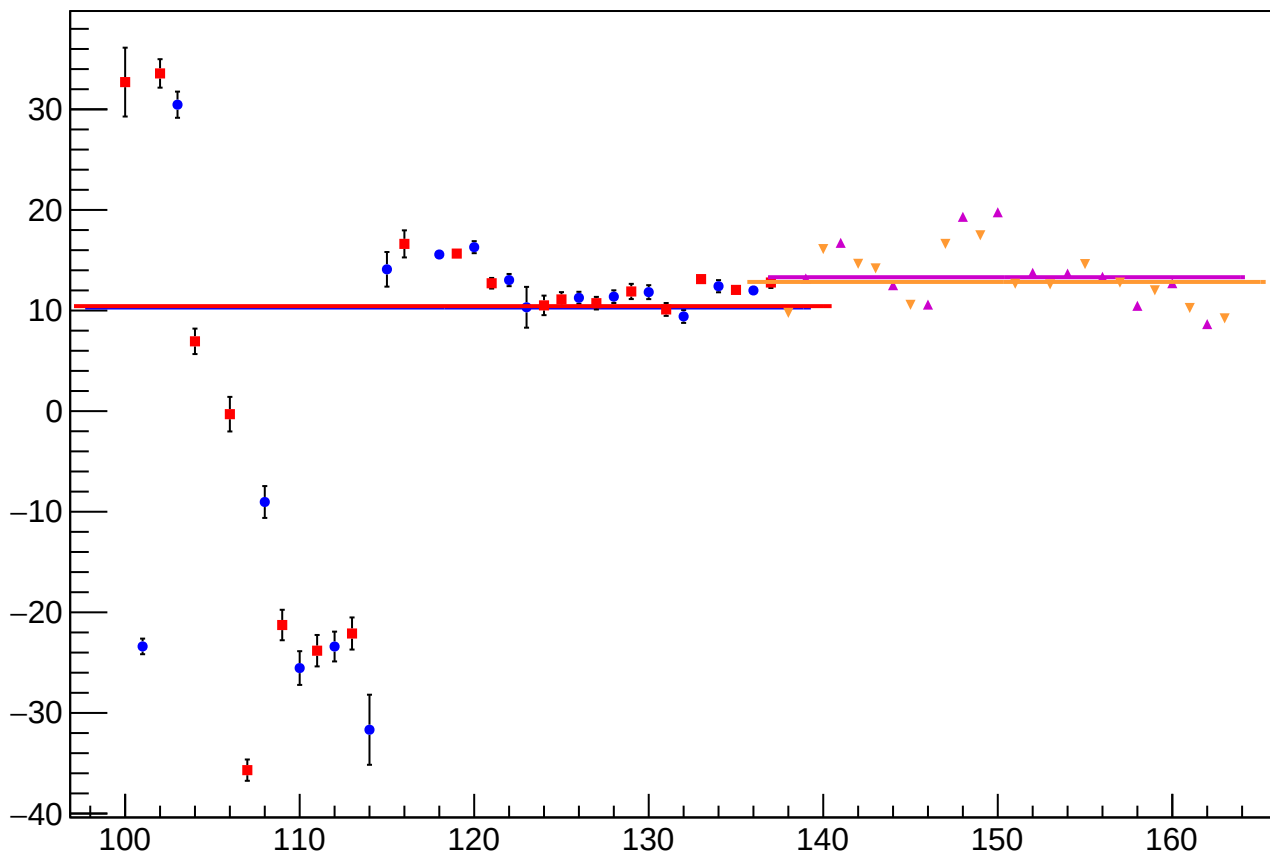
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -7.258 ± 0.094 $\chi^2/\text{NDF}: 3214.5/28$

Out: -6.448 ± 0.092 $\chi^2/\text{NDF}: 3564.1/32$

All: -6.845 ± 0.066 $\chi^2/\text{NDF}: 6816.6/61$

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: 12.843 $\pm$ 0.083 χ^2 /NDF:943.0/13

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 13.313 $\pm$ 0.088 χ^2 /NDF:1424.6/11

Left: 13.065 $\pm$ 0.061 χ^2 /NDF: 2382.6/25

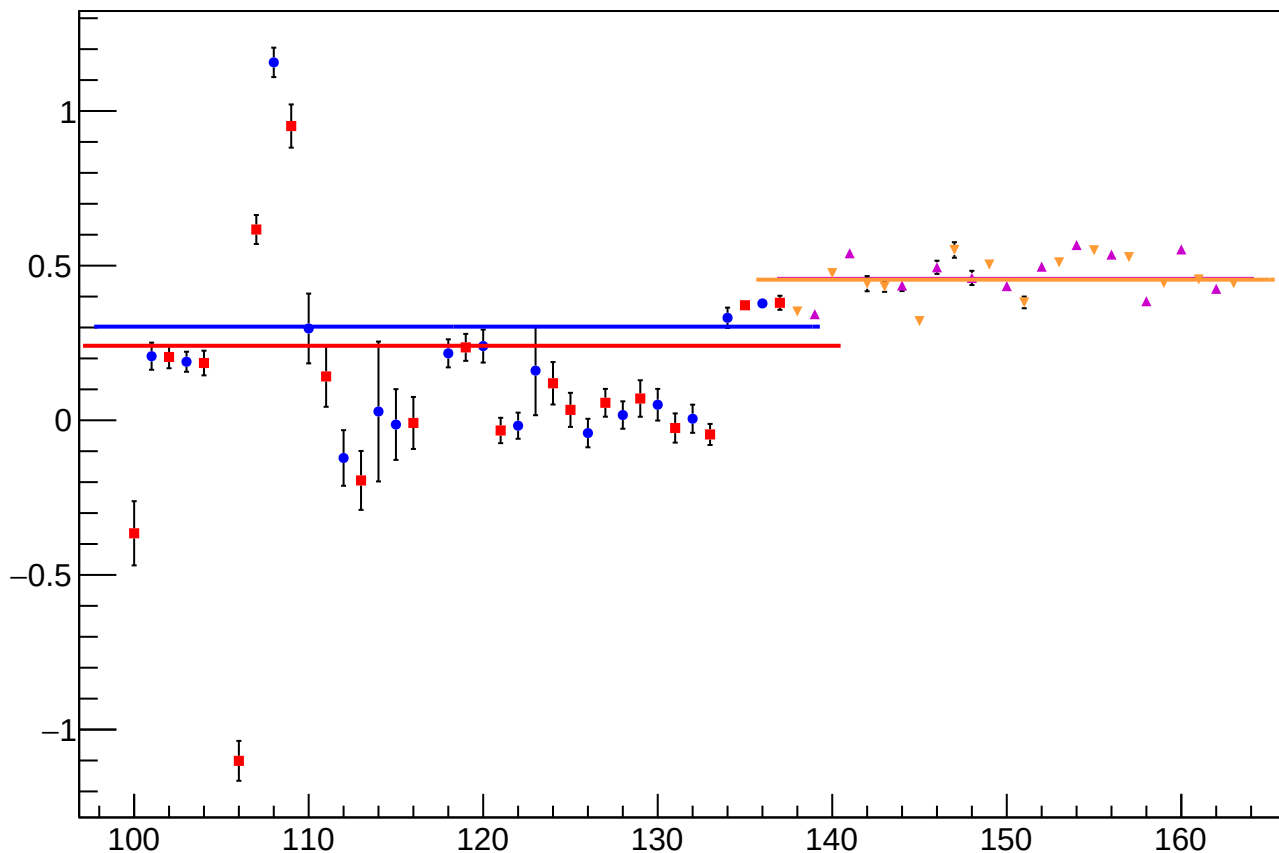
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 12.591 $\pm$ 0.077 χ^2 /NDF:5403.9/28

Out: 12.327 $\pm$ 0.074 χ^2 /NDF:4950.1/32

All: 12.454 $\pm$ 0.053 χ^2 /NDF: 10360.1/61

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.455 $\pm$ 0.004 χ^2 /NDF:300.9/13

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.457 $\pm$ 0.004 χ^2 /NDF:417.2/11

Left: 0.456 $\pm$ 0.003 χ^2 /NDF: 718.3/25

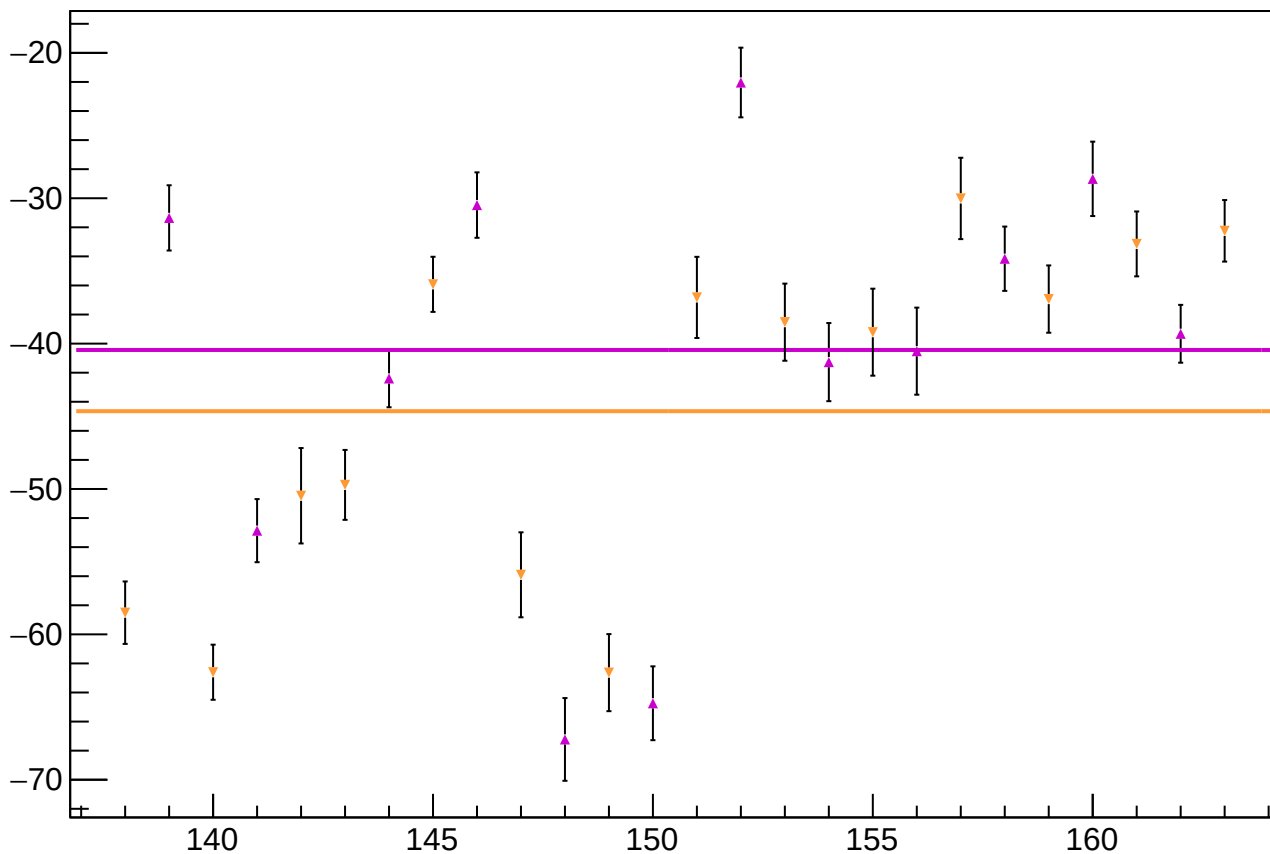
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.430 $\pm$ 0.003 χ^2 /NDF:1356.0/28

Out: 0.419 $\pm$ 0.003 χ^2 /NDF:1819.2/32

All: 0.424 $\pm$ 0.002 χ^2 /NDF: 3179.5/61

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -44.648 $\pm$ 0.643 χ^2 /NDF:336.9/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -40.437 $\pm$ 0.678 χ^2 /NDF:338.5/11

Left: -42.654 $\pm$ 0.467 χ^2 /NDF: 695.8/25

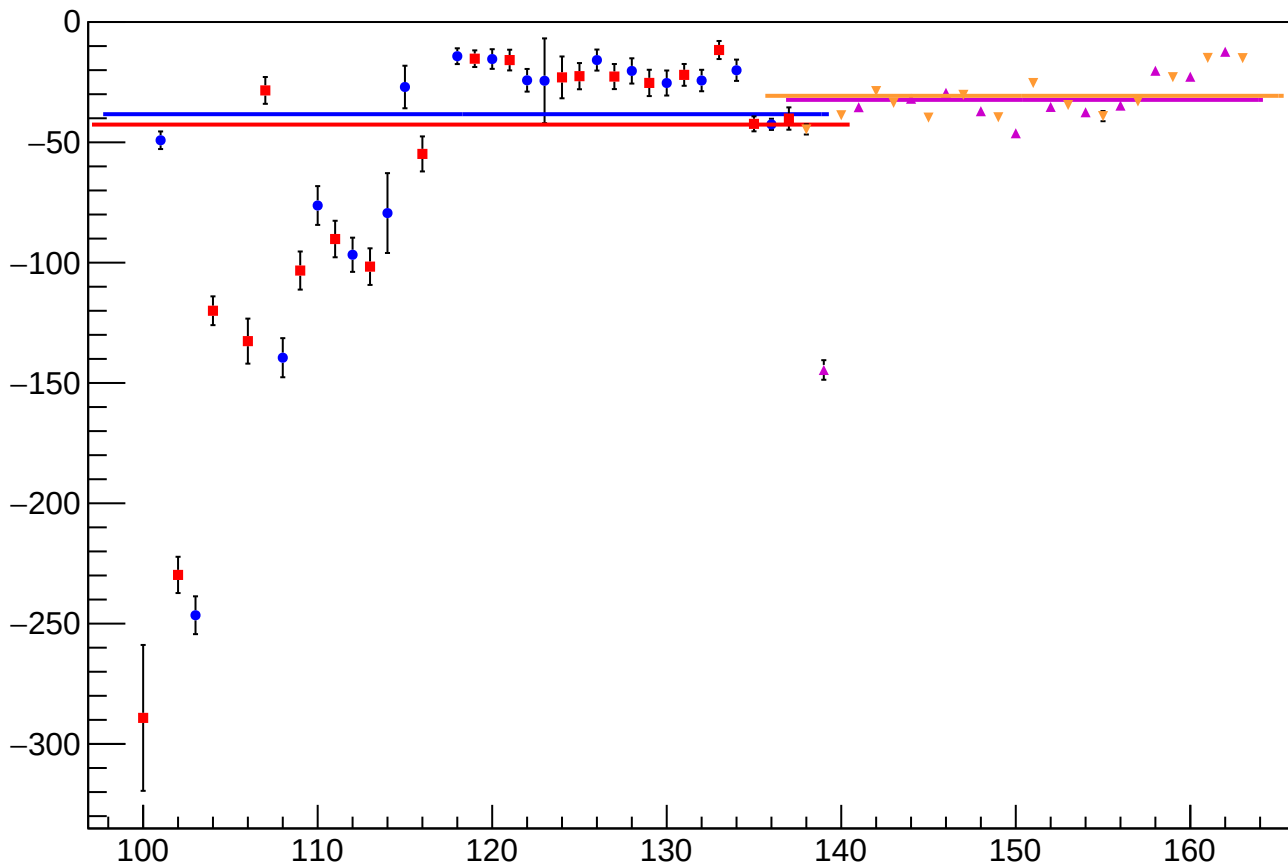
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -40.437 $\pm$ 0.678 χ^2 /NDF:338.5/11

Out: -44.648 $\pm$ 0.643 χ^2 /NDF:336.9/13

All: -42.654 $\pm$ 0.467 χ^2 /NDF: 695.8/25

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: -30.667 ± 0.453 $\chi^2/\text{NDF}: 390.6/13$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -32.352 ± 0.478 $\chi^2/\text{NDF}: 1110.8/11$

Left: -31.464 ± 0.329 $\chi^2/\text{NDF}: 1508.0/25$

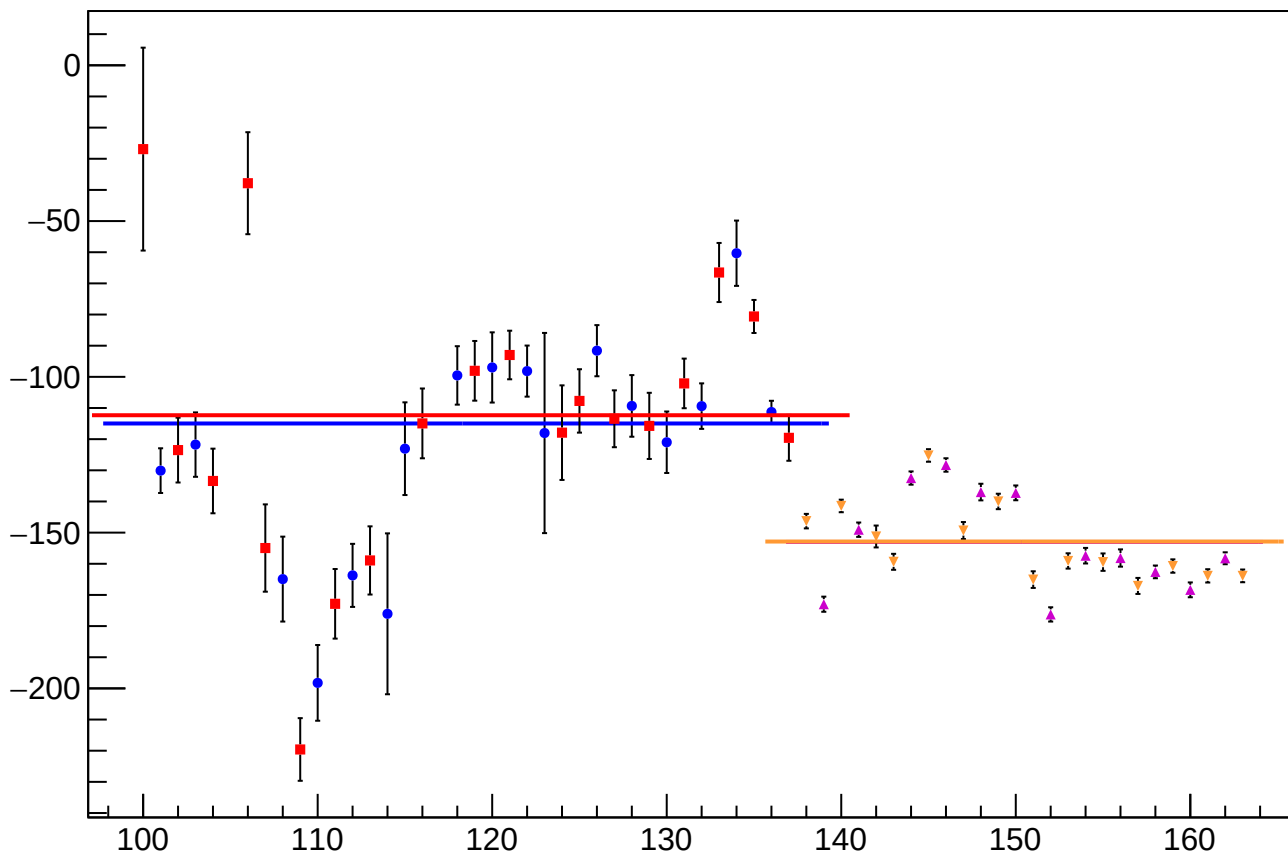
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -33.245 ± 0.441 $\chi^2/\text{NDF}: 2266.8/28$

Out: -32.138 ± 0.424 $\chi^2/\text{NDF}: 1820.9/32$

All: -32.670 ± 0.305 $\chi^2/\text{NDF}: 4091.0/61$

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: -152.862 ± 0.637 $\chi^2/\text{NDF}: 395.5/13$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -152.998 ± 0.662 $\chi^2/\text{NDF}: 555.6/11$

Left: -152.927 ± 0.459 $\chi^2/\text{NDF}: 951.2/25$

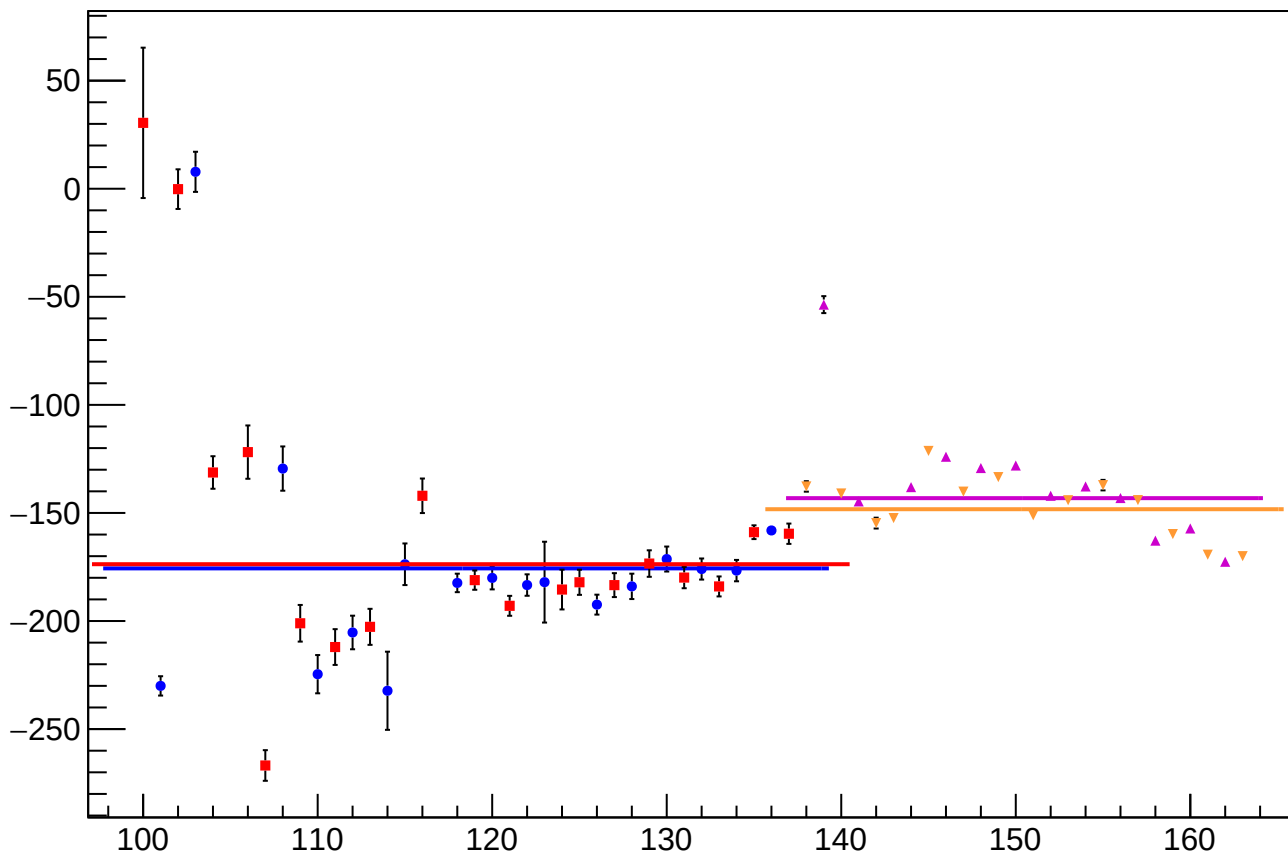
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -149.482 ± 0.631 $\chi^2/\text{NDF}: 1002.0/28$

Out: -149.742 ± 0.612 $\chi^2/\text{NDF}: 981.5/32$

All: -149.616 ± 0.439 $\chi^2/\text{NDF}: 1983.6/61$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -148.274 ± 0.528 χ^2/NDF : 750.7/13

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -143.156 ± 0.556 χ^2/NDF : 1292.0/11

Left: -145.848 ± 0.383 χ^2/NDF : 2087.2/25

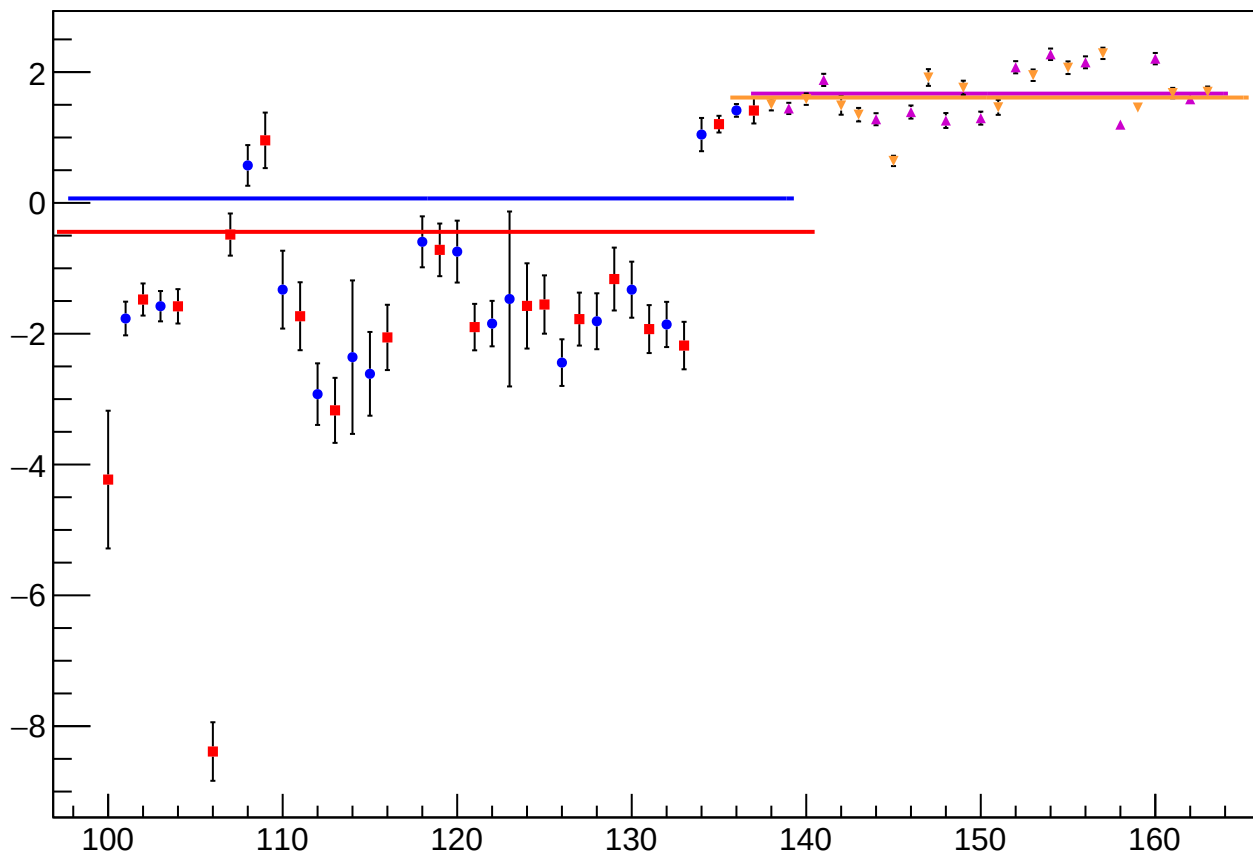
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -148.392 ± 0.509 χ^2/NDF : 2534.0/28

Out: -151.630 ± 0.492 χ^2/NDF : 1795.1/32

All: -150.068 ± 0.354 χ^2/NDF : 4350.0/61

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: 1.611 $\pm$ 0.025 χ^2 /NDF:271.7/13

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.671 $\pm$ 0.026 χ^2 /NDF:239.3/11

Left: 1.640 $\pm$ 0.018 χ^2 /NDF: 513.7/25

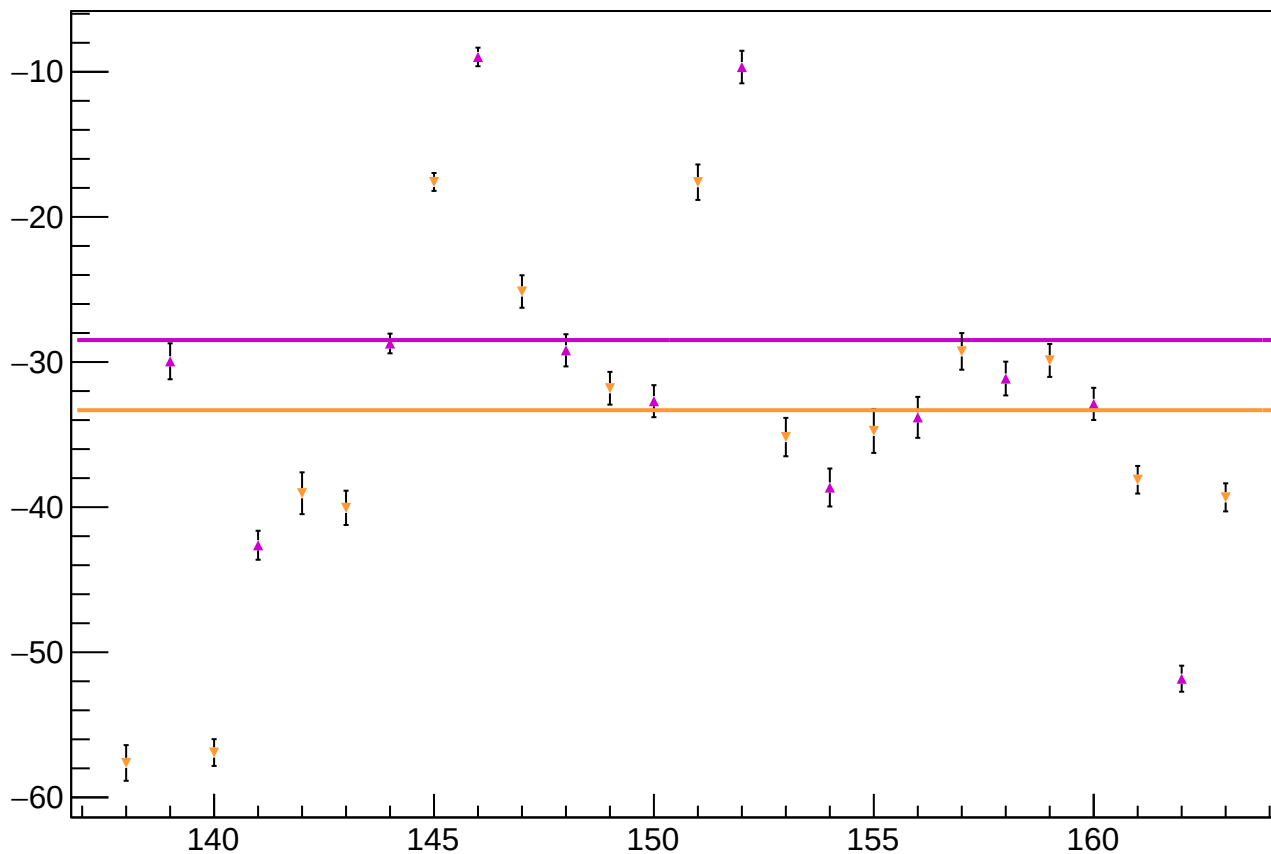
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.464 $\pm$ 0.024 χ^2 /NDF:1263.2/28

Out: 1.387 $\pm$ 0.023 χ^2 /NDF:1771.3/32

All: 1.425 $\pm$ 0.017 χ^2 /NDF: 3039.6/61

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.319+/-0.283 χ^2/NDF :2049.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.485+/-0.282 χ^2/NDF :2204.0/11

Left: -30.892+/-0.200 χ^2/NDF : 4400.1/25

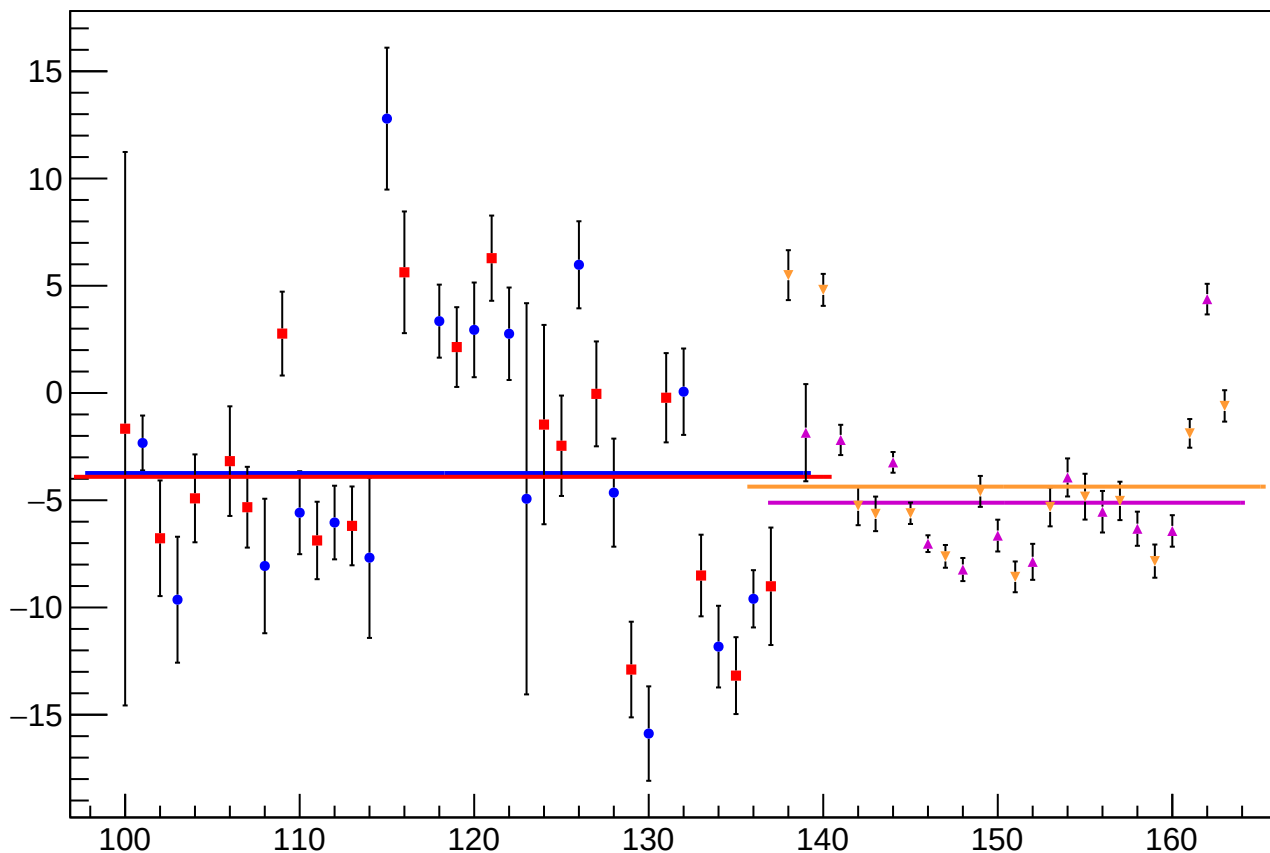
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.485+/-0.282 χ^2/NDF :2204.0/11

Out: -33.319+/-0.283 χ^2/NDF :2049.6/13

All: -30.892+/-0.200 χ^2/NDF : 4400.1/25

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.366 ± 0.197 χ^2/NDF : 367.1/13

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -5.116 ± 0.191 χ^2/NDF : 291.3/11

Left: -4.752 ± 0.137 χ^2/NDF : 665.8/25

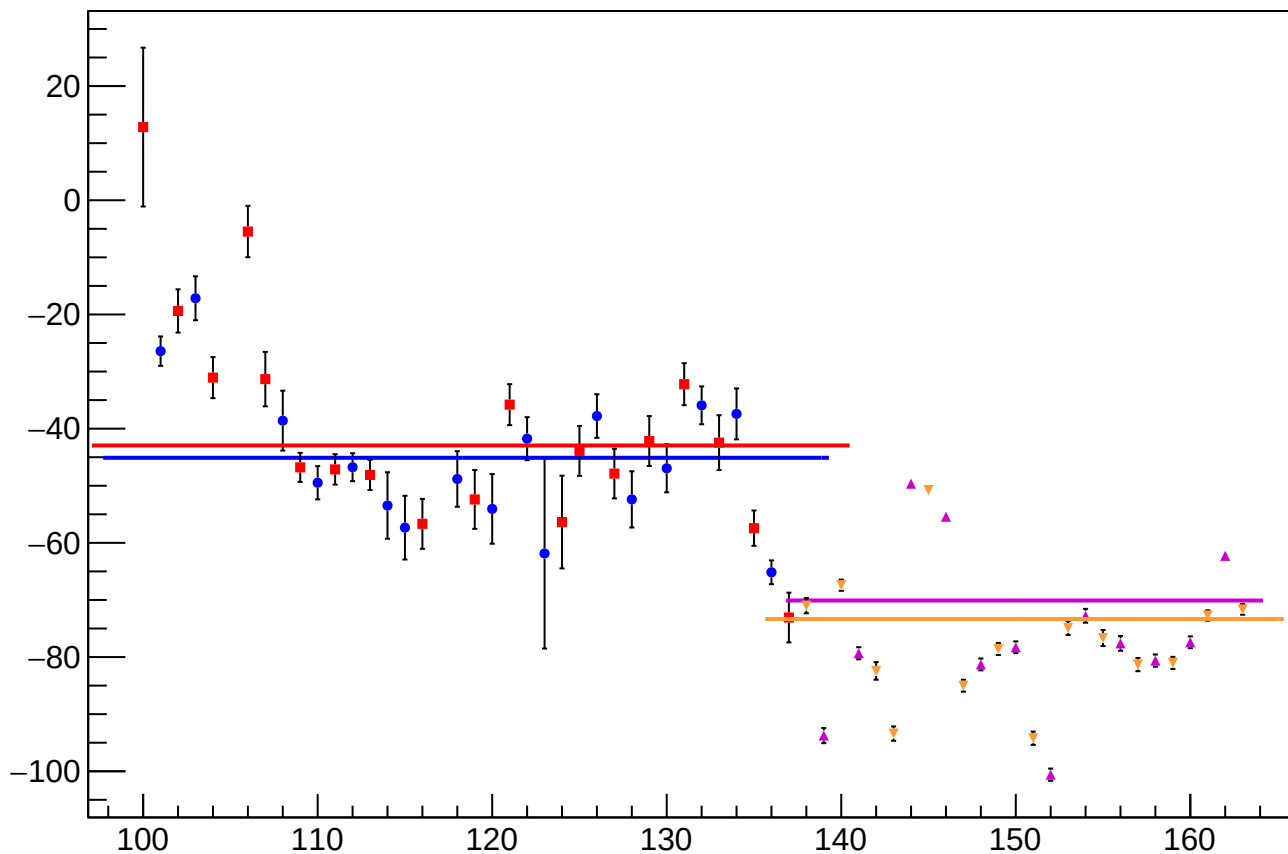
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -4.937 ± 0.178 χ^2/NDF : 463.9/28

Out: -4.306 ± 0.183 χ^2/NDF : 492.6/32

All: -4.631 ± 0.128 χ^2/NDF : 962.6/61

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 $\chi^2/\text{NDF}: 230.6/16$

Left Out: -73.333 ± 0.281 $\chi^2/\text{NDF}: 2094.7/13$

Right Out: -42.944 ± 0.877 $\chi^2/\text{NDF}: 249.1/18$

Left In: -70.098 ± 0.276 $\chi^2/\text{NDF}: 3006.5/11$

Left: -71.687 ± 0.197 $\chi^2/\text{NDF}: 5168.7/25$

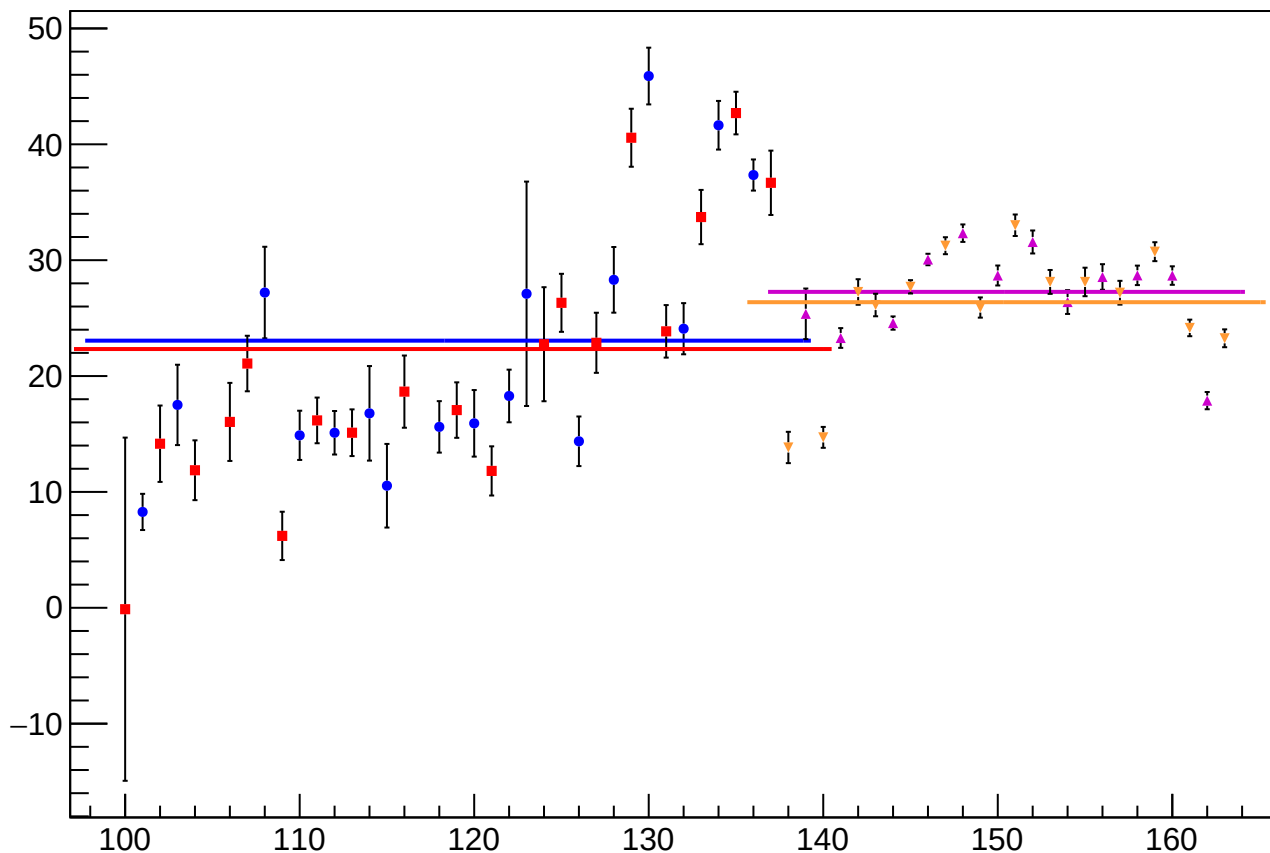
Right: -44.017 ± 0.622 $\chi^2/\text{NDF}: 482.6/35$

In: -67.873 ± 0.263 $\chi^2/\text{NDF}: 3967.8/28$

Out: -70.509 ± 0.267 $\chi^2/\text{NDF}: 3431.8/32$

All: -69.171 ± 0.188 $\chi^2/\text{NDF}: 7448.9/61$

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: 26.374 $\pm$ 0.231 χ^2 /NDF:414.9/13

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 27.265 $\pm$ 0.227 χ^2 /NDF:310.4/11

Left: 26.828 $\pm$ 0.162 χ^2 /NDF: 732.8/25

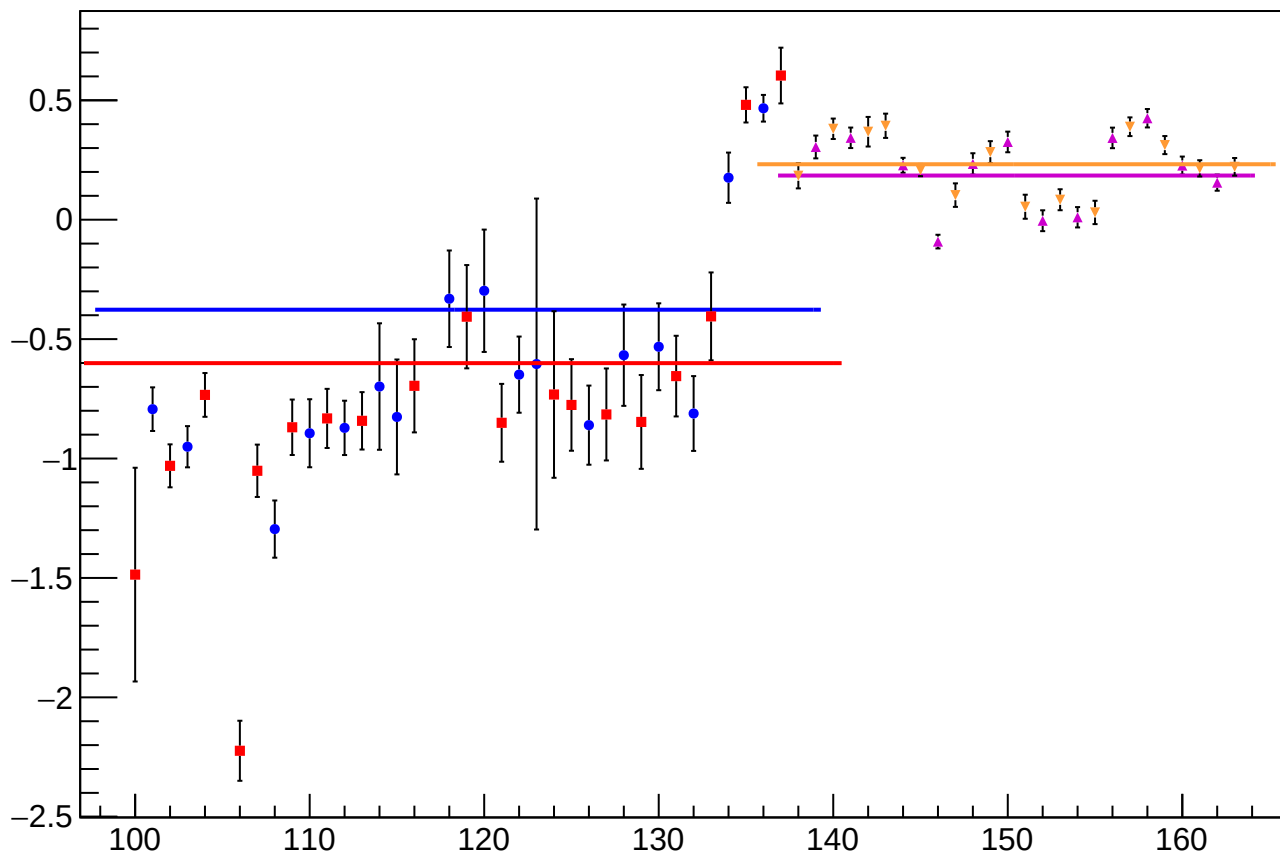
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 26.665 $\pm$ 0.210 χ^2 /NDF:820.5/28

Out: 25.807 $\pm$ 0.214 χ^2 /NDF:828.8/32

All: 26.244 $\pm$ 0.150 χ^2 /NDF: 1657.6/61

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.232 ± 0.011 χ^2/NDF : 98.7/13

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.185 ± 0.011 χ^2/NDF : 216.3/11

Left: 0.209 ± 0.008 χ^2/NDF : 324.1/25

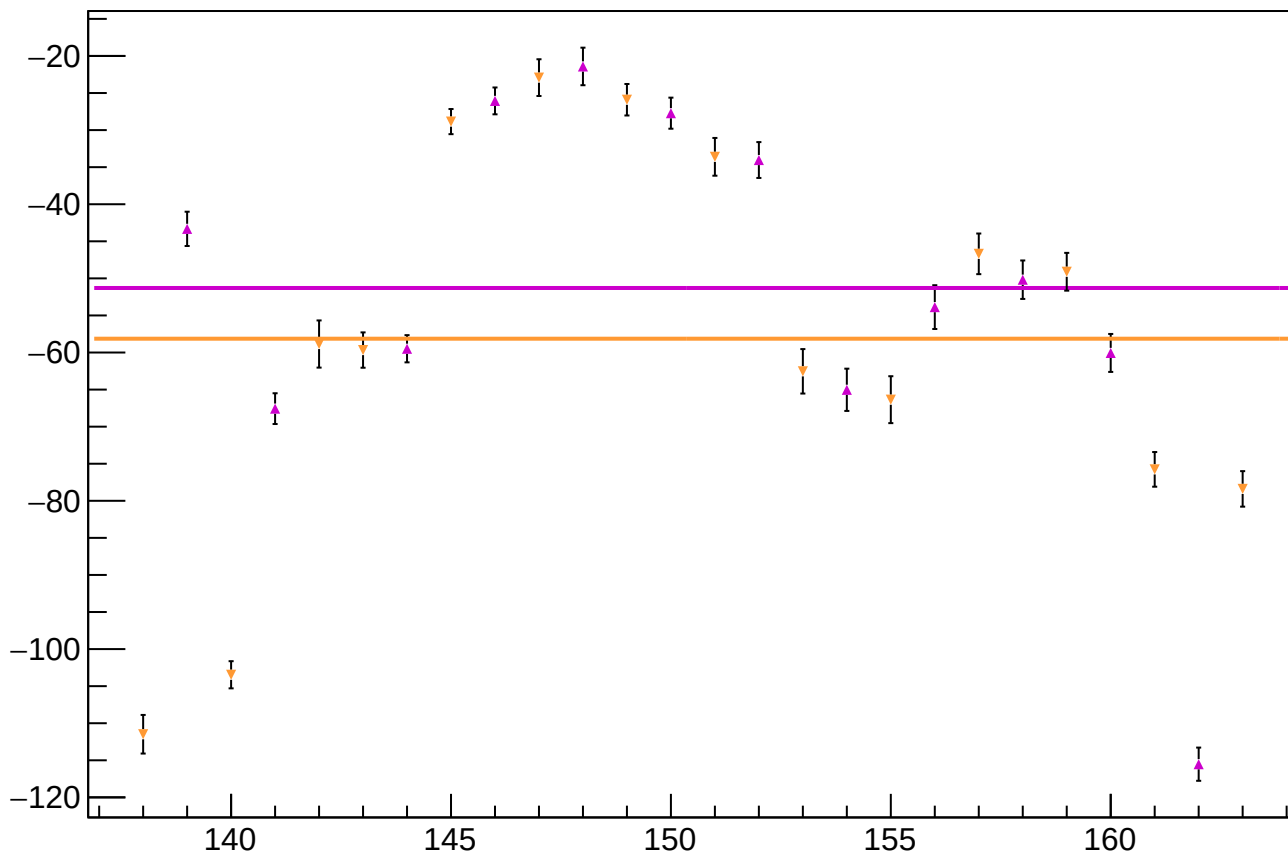
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.118 ± 0.010 χ^2/NDF : 960.3/28

Out: 0.134 ± 0.010 χ^2/NDF : 1325.8/32

All: 0.126 ± 0.007 χ^2/NDF : 2287.4/61

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.136+/-0.637 χ^2/NDF :2022.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -51.296+/-0.657 χ^2/NDF :1462.8/11

Left: -54.822+/-0.458 χ^2/NDF : 3541.3/25

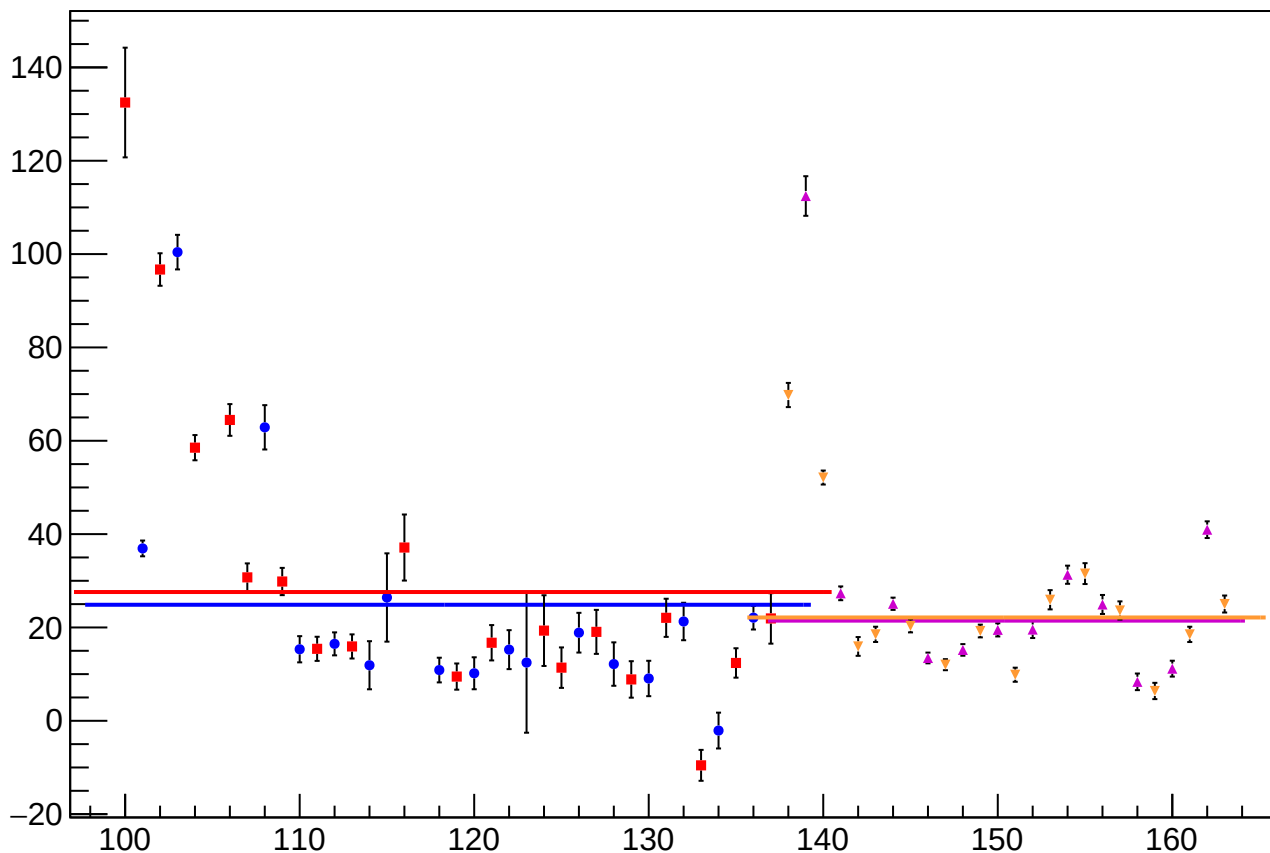
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.296+/-0.657 χ^2/NDF :1462.8/11

Out: -58.136+/-0.637 χ^2/NDF :2022.7/13

All: -54.822+/-0.458 χ^2/NDF : 3541.3/25

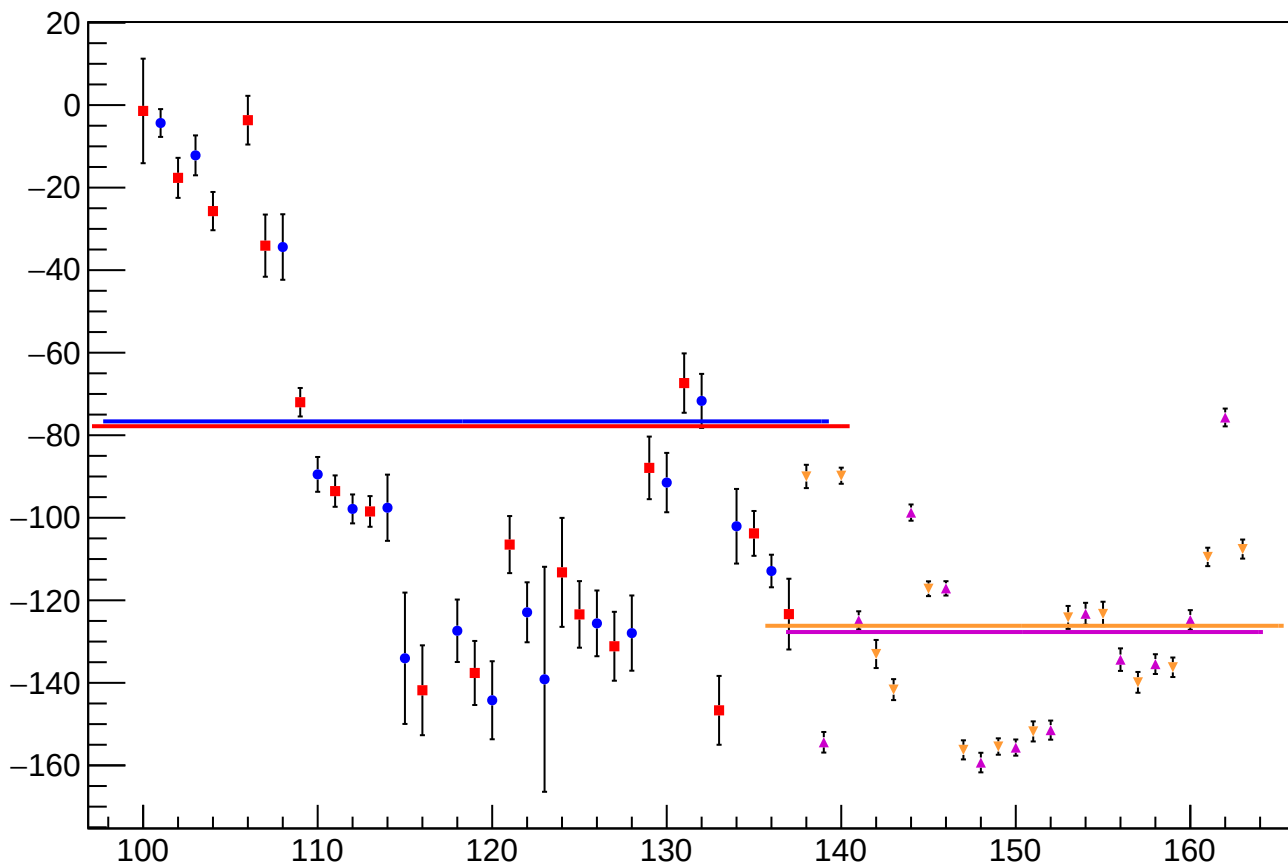
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863+/-0.802 χ^2/NDF : 691.0/16
 Left Out: 22.139+/-0.442 χ^2/NDF :1007.9/13
 Right Out: 27.593+/-0.810 χ^2/NDF : 1010.9/18
 Left In: 21.465+/-0.458 χ^2/NDF :798.0/11

Left: 21.813+/-0.318 χ^2/NDF : 1807.0/25
 Right: 26.215+/-0.570 χ^2/NDF : 1707.7/35
 In: 22.300+/-0.397 χ^2/NDF :1502.6/28
 Out: 23.392+/-0.388 χ^2/NDF :2053.8/32
 All: 22.859+/-0.278 χ^2/NDF : 3560.2/61

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -126.172 ± 0.630 χ^2/NDF : 1243.8/13

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -127.688 ± 0.643 χ^2/NDF : 1458.9/11

Left: -126.915 ± 0.450 χ^2/NDF : 2705.5/25

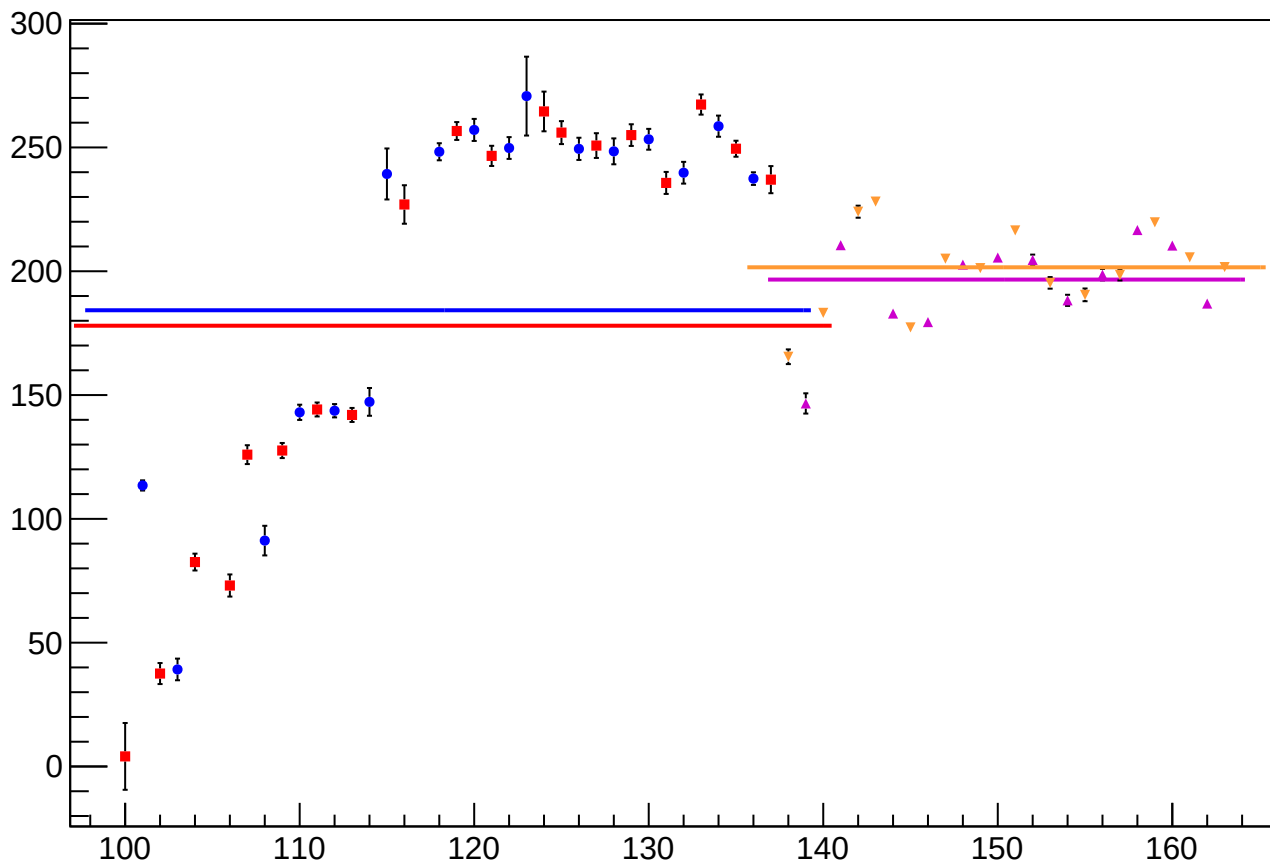
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -118.959 ± 0.585 χ^2/NDF : 3578.8/28

Out: -117.543 ± 0.571 χ^2/NDF : 3167.9/32

All: -118.234 ± 0.409 χ^2/NDF : 6749.7/61

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: 201.593 $\pm$ 0.521 χ^2 /NDF: 941.6/13

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 196.640 $\pm$ 0.538 χ^2 /NDF: 698.2/11

Left: 199.196 $\pm$ 0.375 χ^2 /NDF: 1683.5/25

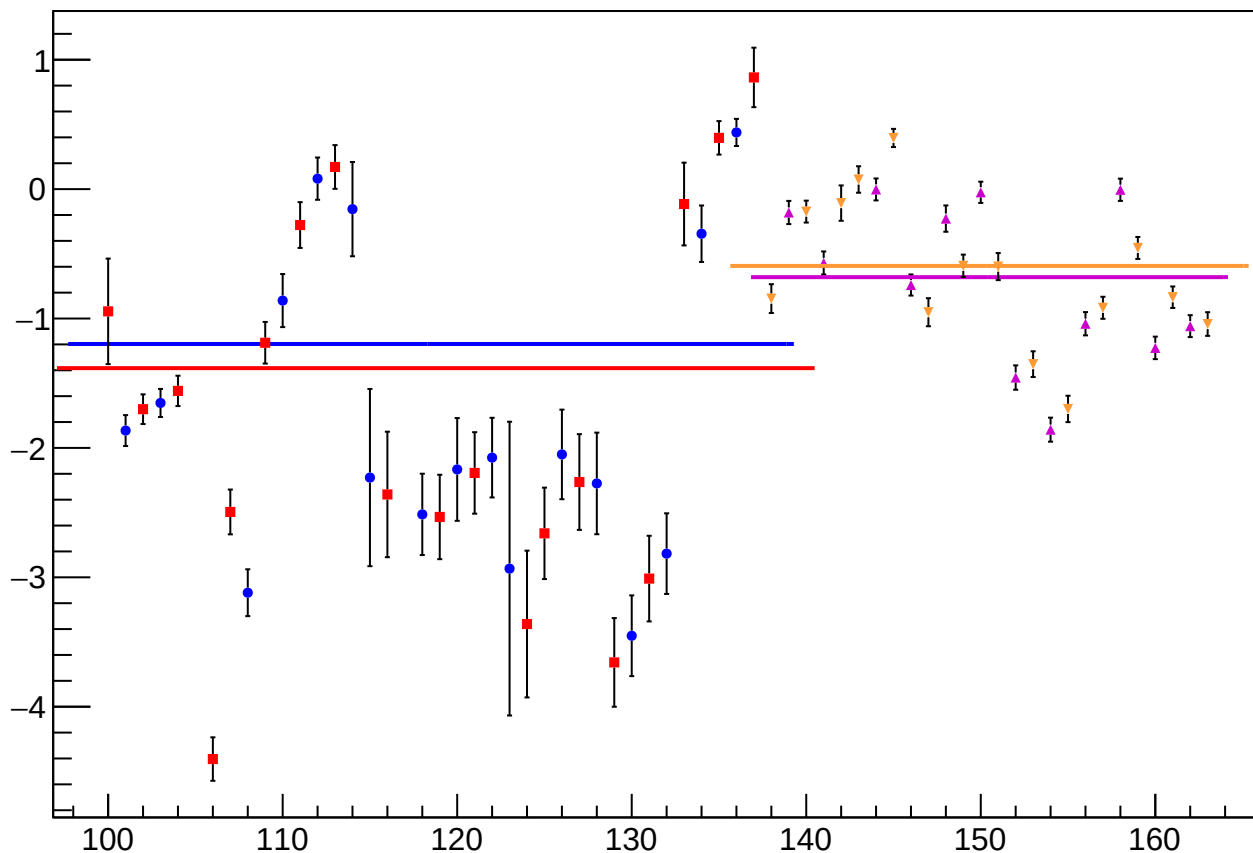
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 193.454 $\pm$ 0.464 χ^2 /NDF: 6223.0/28

Out: 195.891 $\pm$ 0.454 χ^2 /NDF: 7774.3/32

All: 194.699 $\pm$ 0.325 χ^2 /NDF: 14011.4/61

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.594 ± 0.025 χ^2/NDF : 519.1/13

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.680 ± 0.025 χ^2/NDF : 547.1/11

Left: -0.636 ± 0.018 χ^2/NDF : 1072.2/25

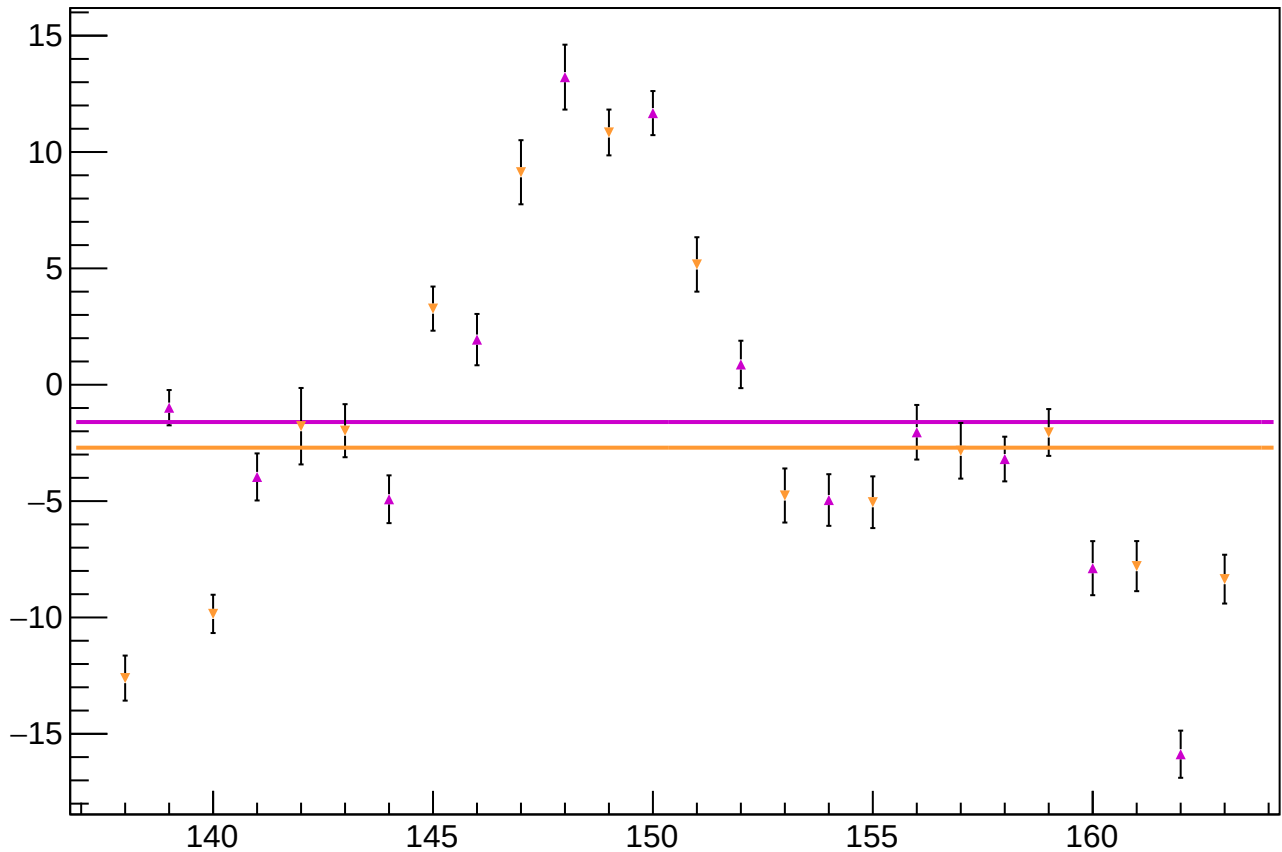
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.793 ± 0.022 χ^2/NDF : 1258.7/28

Out: -0.773 ± 0.022 χ^2/NDF : 1672.6/32

All: -0.783 ± 0.016 χ^2/NDF : 2931.7/61

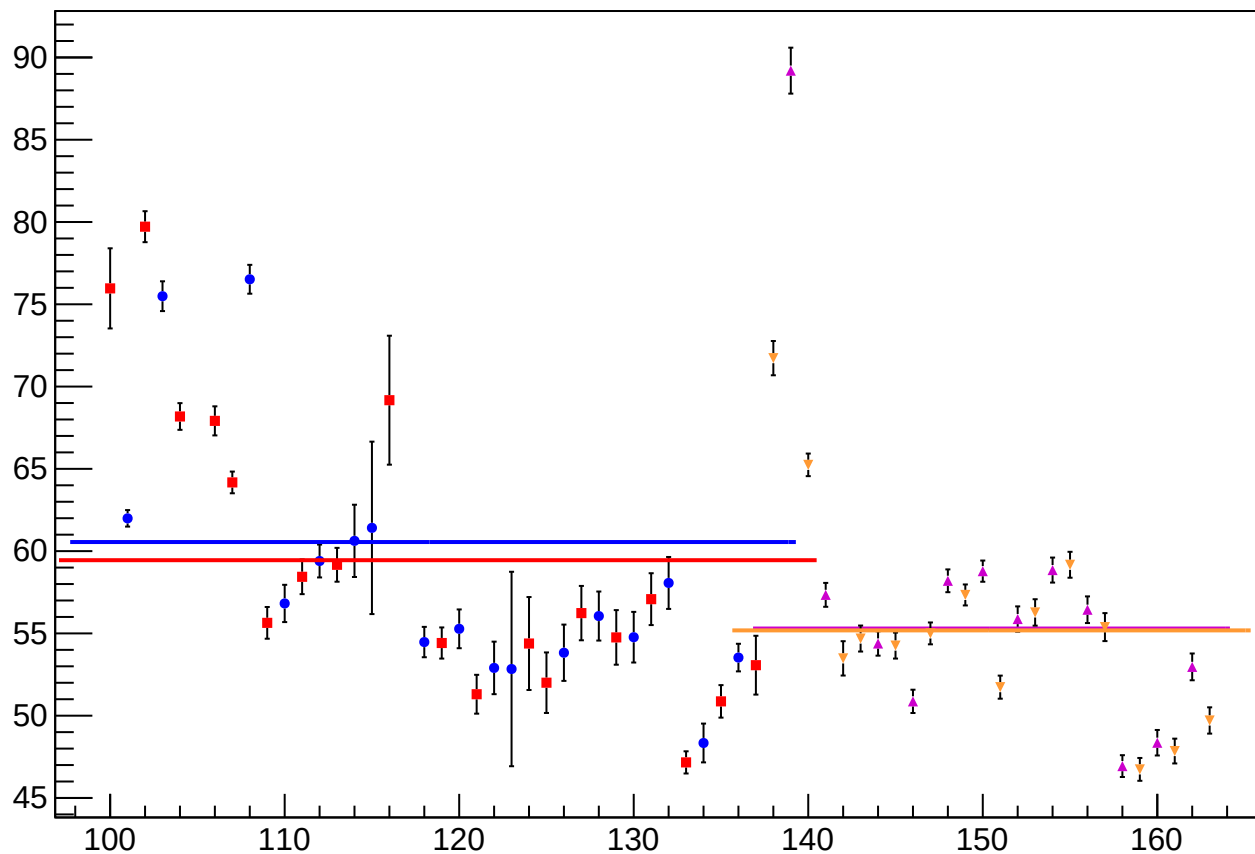
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.704+/-0.287 χ^2/NDF :588.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.603+/-0.296 χ^2/NDF :581.8/11

Left: -2.169+/-0.206 χ^2/NDF : 1177.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.603+/-0.296 χ^2/NDF :581.8/11
 Out: -2.704+/-0.287 χ^2/NDF :588.4/13
 All: -2.169+/-0.206 χ^2/NDF : 1177.3/25

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 55.183 $\pm$ 0.205 χ^2 /NDF: 824.8/13

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 55.296 $\pm$ 0.218 χ^2 /NDF: 956.8/11

Left: 55.236 $\pm$ 0.149 χ^2 /NDF: 1781.8/25

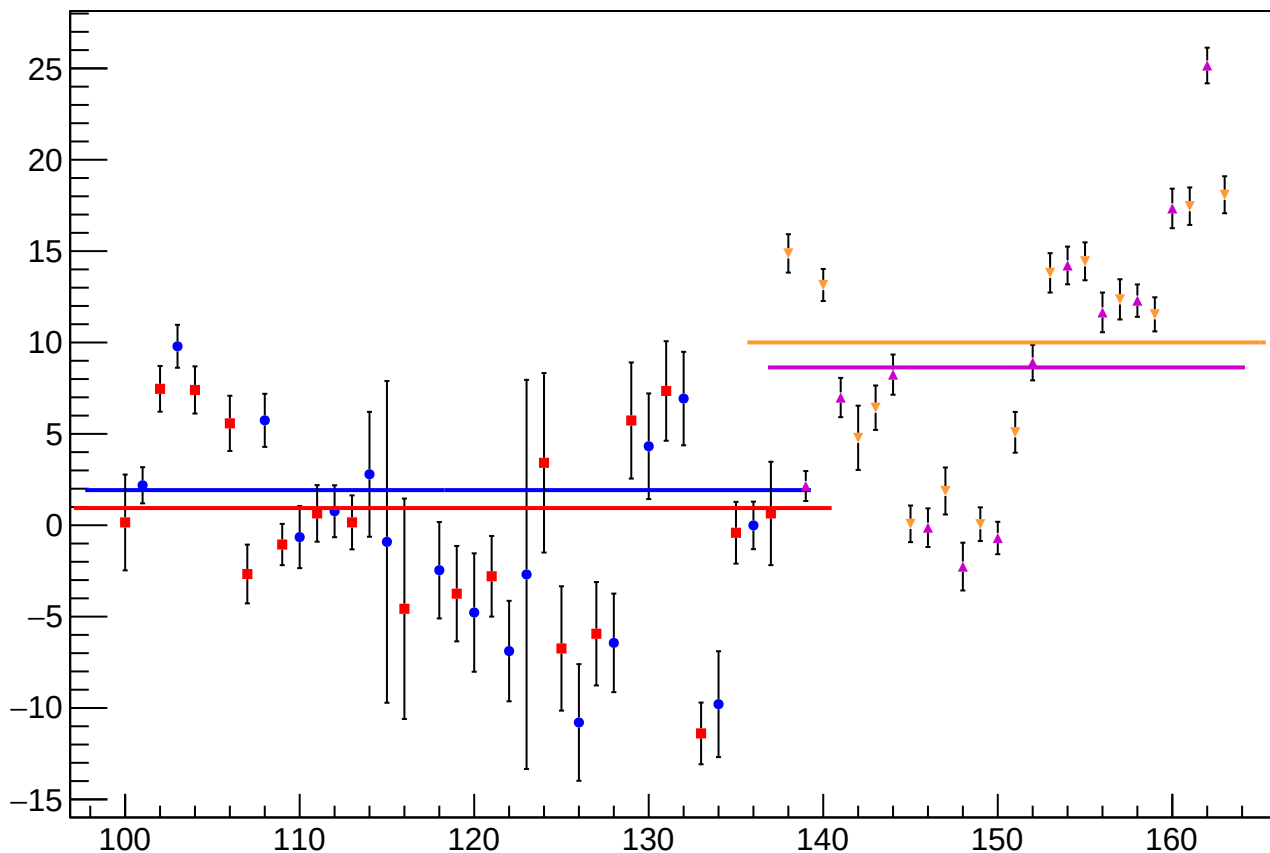
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 57.443 $\pm$ 0.167 χ^2 /NDF: 2126.2/28

Out: 56.914 $\pm$ 0.158 χ^2 /NDF: 2322.4/32

All: 57.163 $\pm$ 0.115 χ^2 /NDF: 4454.0/61

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923+/-0.458 χ^2/NDF : 121.1/16

Left Out: 10.005+/-0.283 χ^2/NDF : 480.9/13

Right Out: 0.941+/-0.424 χ^2/NDF : 150.2/18

Left In: 8.637+/-0.289 χ^2/NDF : 720.2/11

Left: 9.336+/-0.202 χ^2/NDF : 1212.5/25

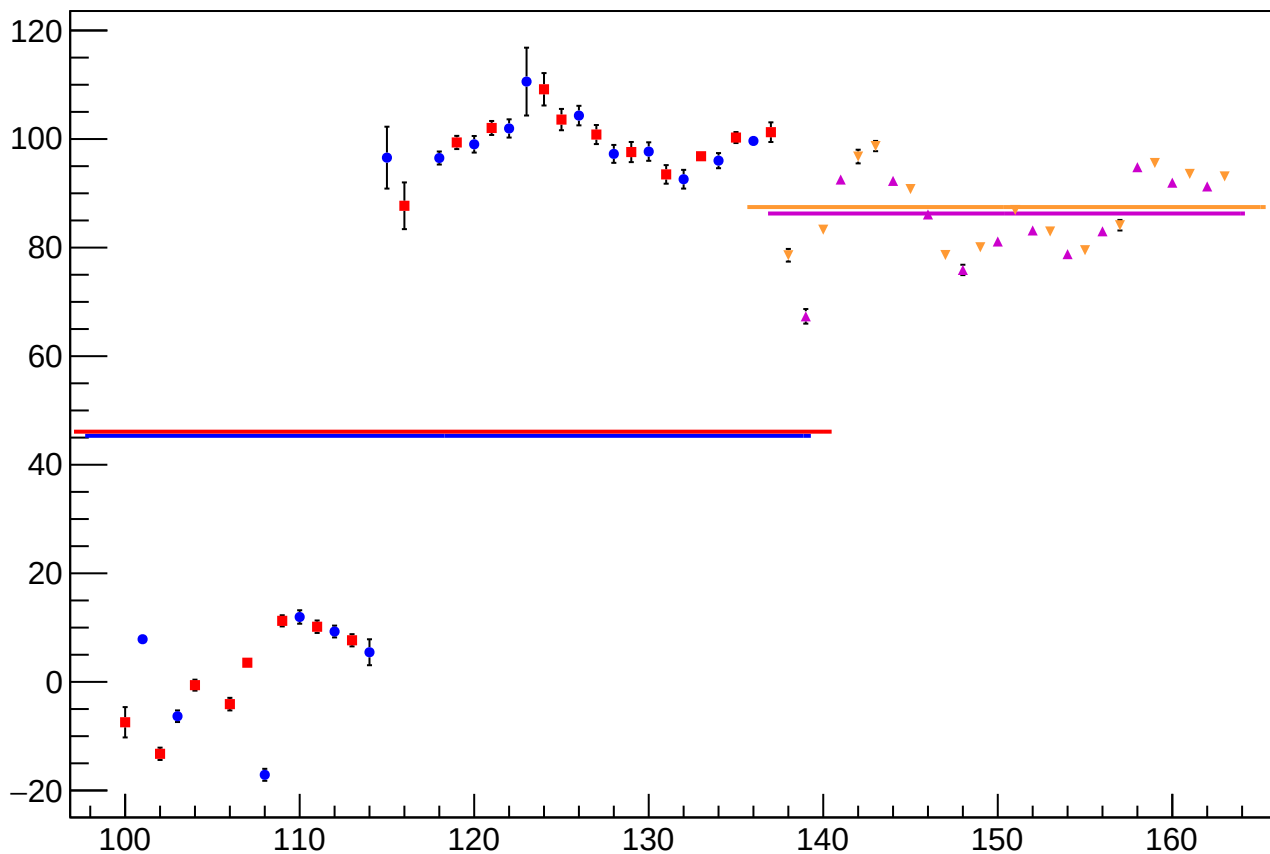
Right: 1.394+/-0.311 χ^2/NDF : 273.7/35

In: 6.725+/-0.245 χ^2/NDF : 994.8/28

Out: 7.211+/-0.235 χ^2/NDF : 947.2/32

All: 6.977+/-0.170 χ^2/NDF : 1944.0/61

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.468+/-0.238 χ^2 /NDF:821.8/13

Right Out: 46.094+/-0.289 χ^2 /NDF: 28267.6/18

Left In: 86.280+/-0.250 χ^2 /NDF:790.2/11

Left: 86.905+/-0.172 χ^2 /NDF: 1623.9/25

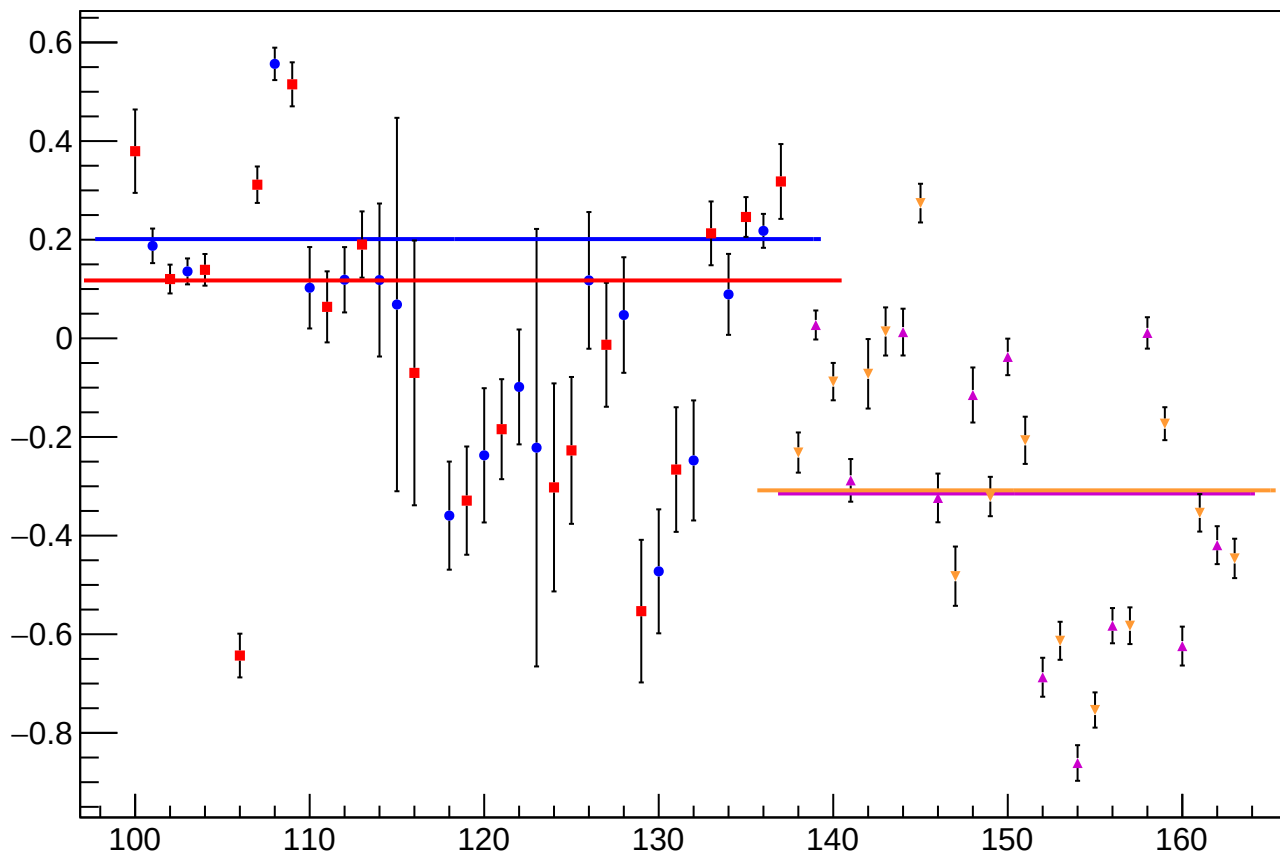
Right: 45.731+/-0.209 χ^2 /NDF: 53277.7/35

In: 69.706+/-0.193 χ^2 /NDF:36626.2/28

Out: 70.780+/-0.184 χ^2 /NDF:41301.1/32

All: 70.270+/-0.133 χ^2 /NDF: 77943.5/61

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.308 ± 0.011 χ^2/NDF : 627.6/13

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.315 ± 0.011 χ^2/NDF : 799.4/11

Left: -0.311 ± 0.008 χ^2/NDF : 1427.2/25

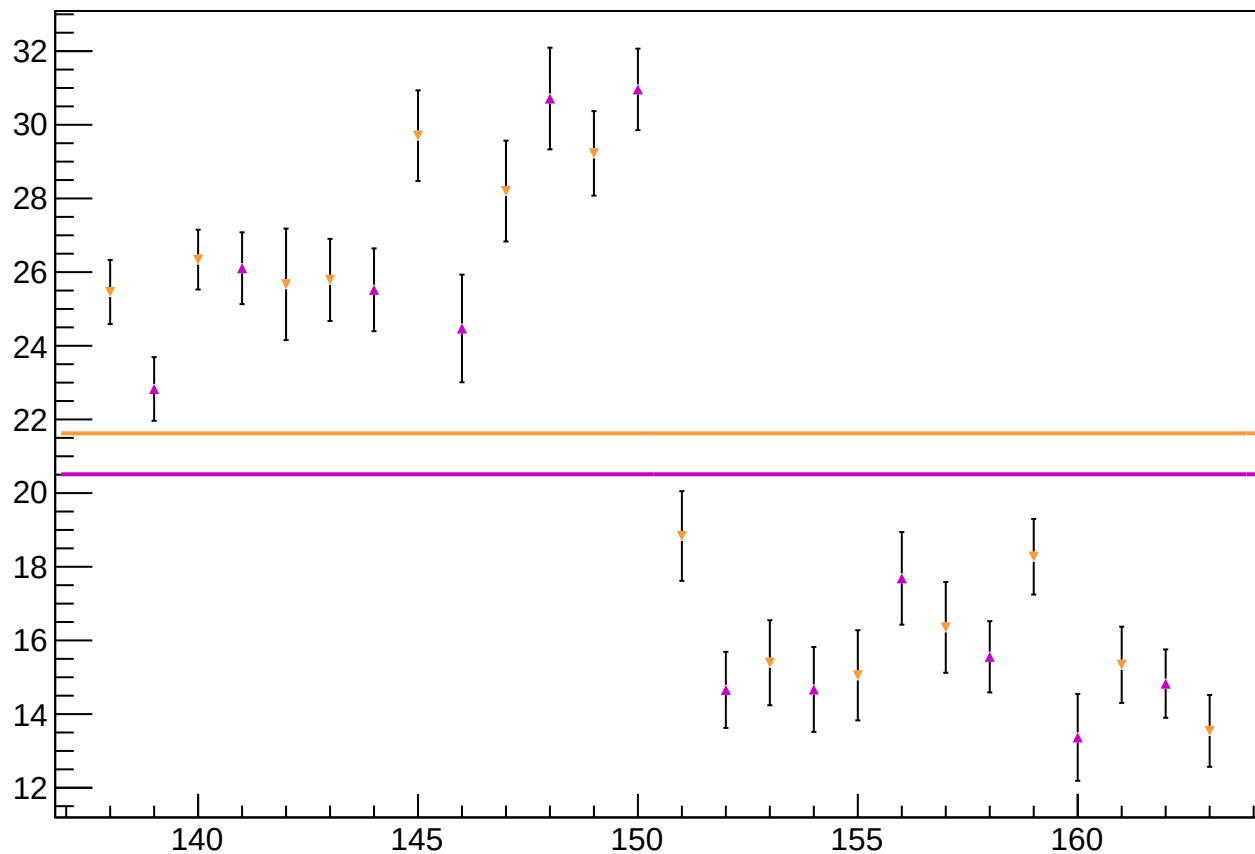
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.116 ± 0.009 χ^2/NDF : 1846.3/28

Out: -0.131 ± 0.008 χ^2/NDF : 1752.2/32

All: -0.124 ± 0.006 χ^2/NDF : 3600.2/61

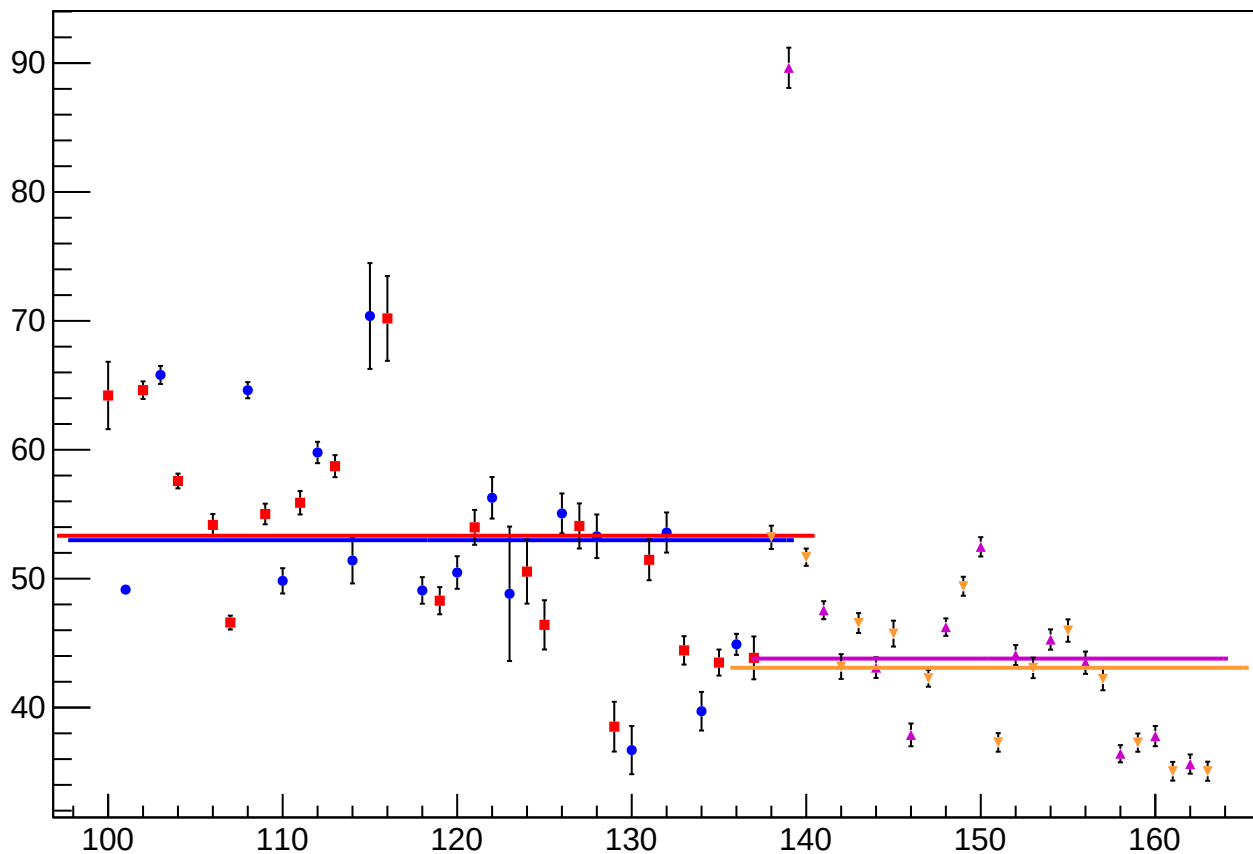
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.624+/-0.292 χ^2/NDF :382.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.511+/-0.312 χ^2/NDF :374.5/11

Left: 21.104+/-0.213 χ^2/NDF : 763.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.511+/-0.312 χ^2/NDF :374.5/11
 Out: 21.624+/-0.292 χ^2/NDF :382.0/13
 All: 21.104+/-0.213 χ^2/NDF : 763.3/25

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: 43.086 $\pm$ 0.207 χ^2 /NDF: 774.9/13

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 43.799 $\pm$ 0.226 χ^2 /NDF: 1386.4/11

Left: 43.411 $\pm$ 0.153 χ^2 /NDF: 2166.7/25

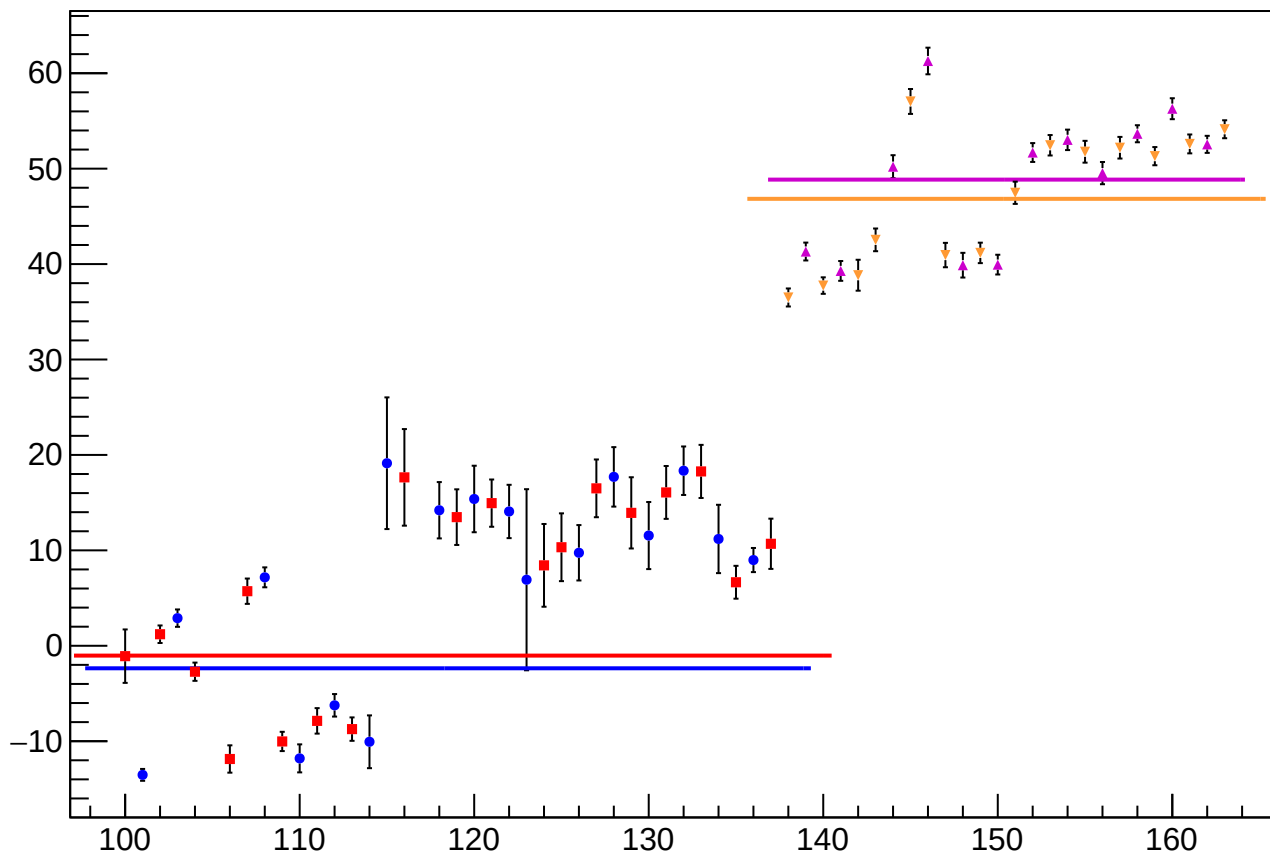
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 48.729 $\pm$ 0.154 χ^2 /NDF: 3468.3/28

Out: 47.759 $\pm$ 0.153 χ^2 /NDF: 2761.1/32

All: 48.240 $\pm$ 0.109 χ^2 /NDF: 6249.3/61

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 46.837 ± 0.288 χ^2/NDF : 562.7/13

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 48.851 ± 0.305 χ^2/NDF : 468.4/11

Left: 47.789 ± 0.209 χ^2/NDF : 1054.2/25

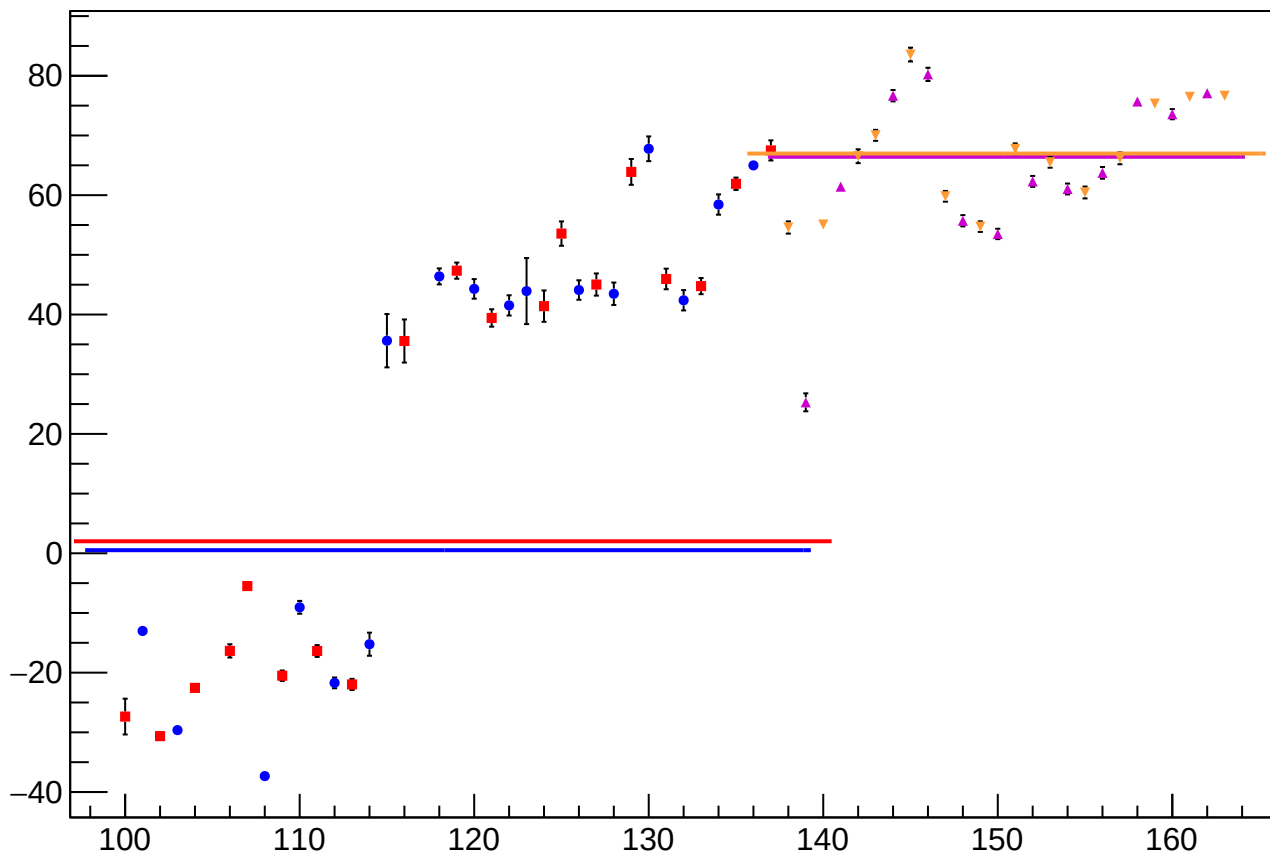
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 27.768 ± 0.234 χ^2/NDF : 12942.2/28

Out: 29.153 ± 0.229 χ^2/NDF : 11246.3/32

All: 28.474 ± 0.164 χ^2/NDF : 24206.5/61

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: 66.970 $\pm$ 0.241 χ^2 /NDF:1311.2/13

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 66.433 $\pm$ 0.261 χ^2 /NDF:1899.7/11

Left: 66.722 $\pm$ 0.177 χ^2 /NDF: 3213.2/25

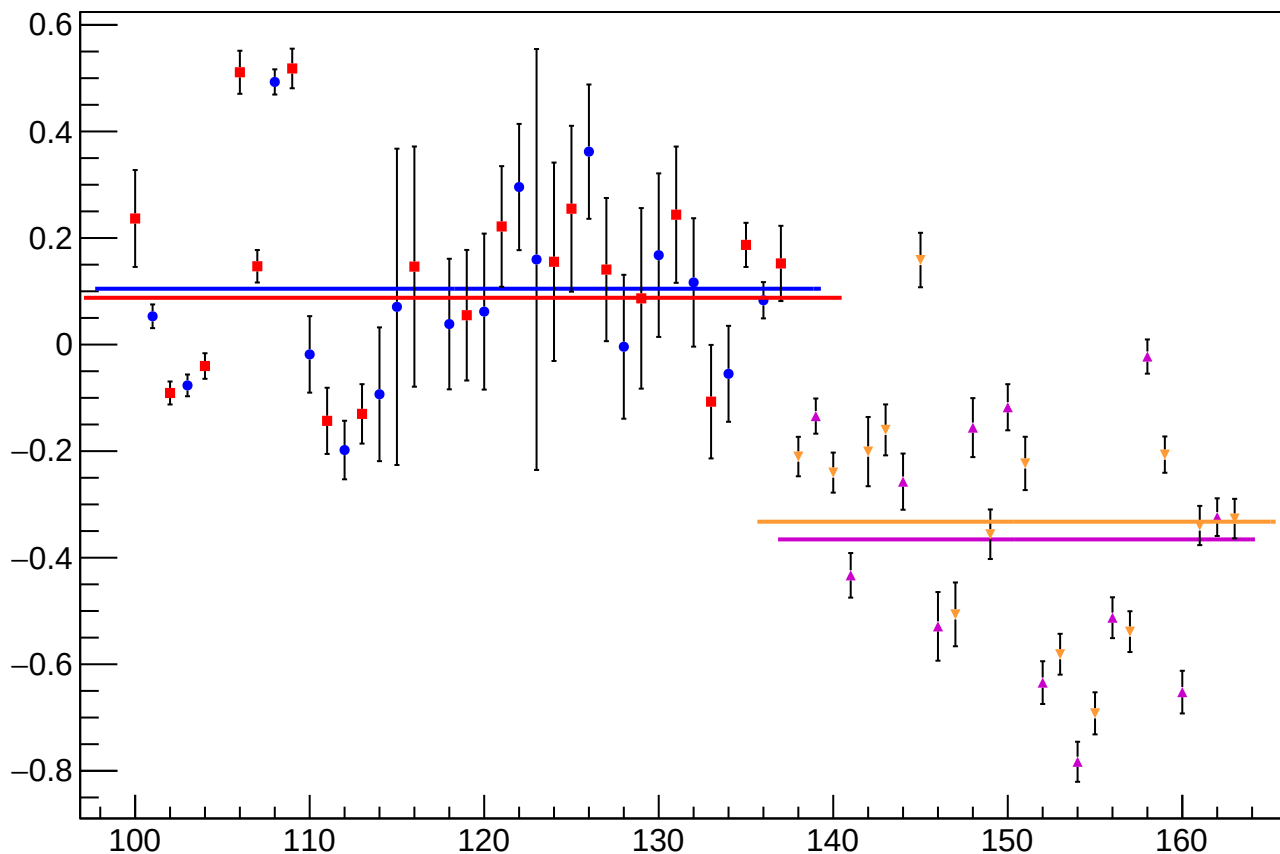
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 31.704 $\pm$ 0.179 χ^2 /NDF:53998.8/28

Out: 37.687 $\pm$ 0.179 χ^2 /NDF:49450.2/32

All: 34.702 $\pm$ 0.127 χ^2 /NDF: 104007.5/61

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.332 ± 0.011 χ^2/NDF : 307.5/13

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.366 ± 0.012 χ^2/NDF : 459.5/11

Left: -0.348 ± 0.008 χ^2/NDF : 771.2/25

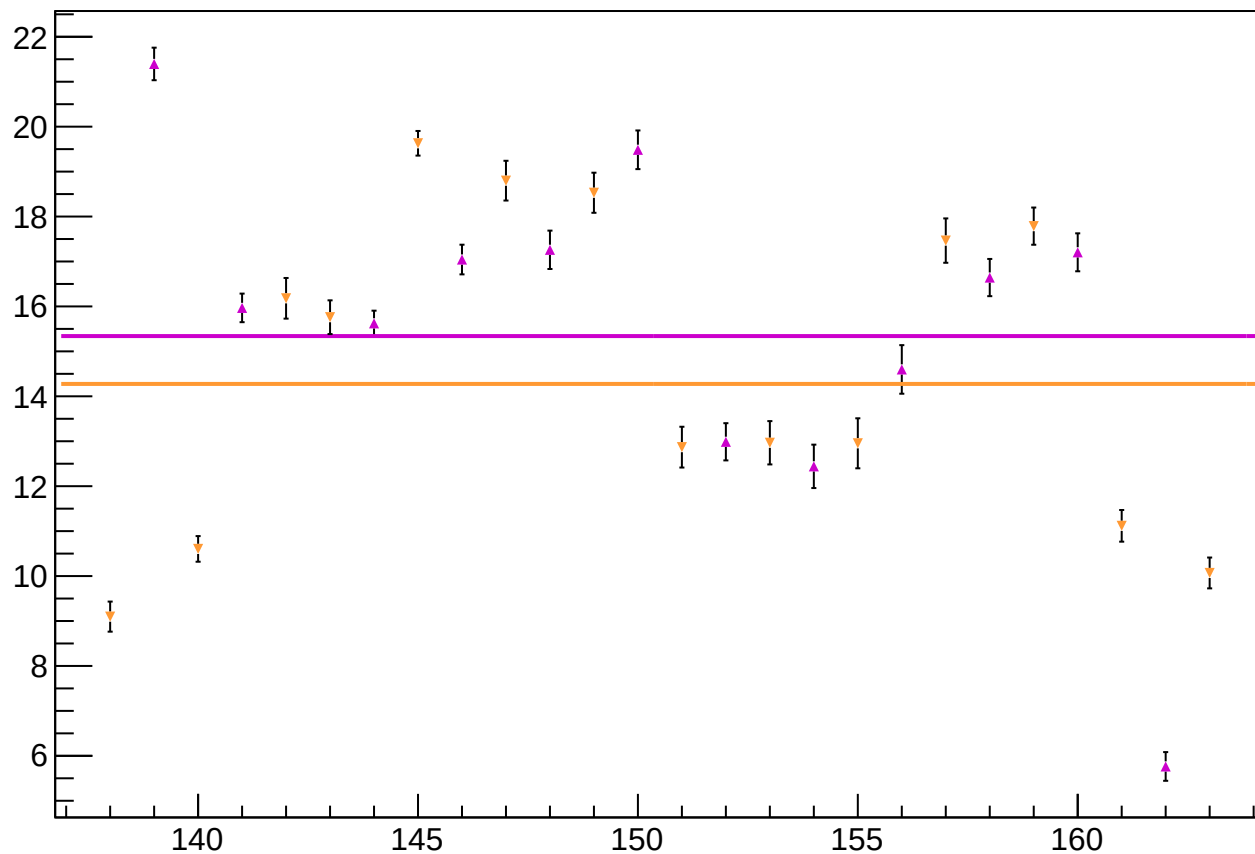
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: -0.117 ± 0.008 χ^2/NDF : 1719.0/28

Out: -0.118 ± 0.008 χ^2/NDF : 1414.5/32

All: -0.118 ± 0.006 χ^2/NDF : 3133.5/61

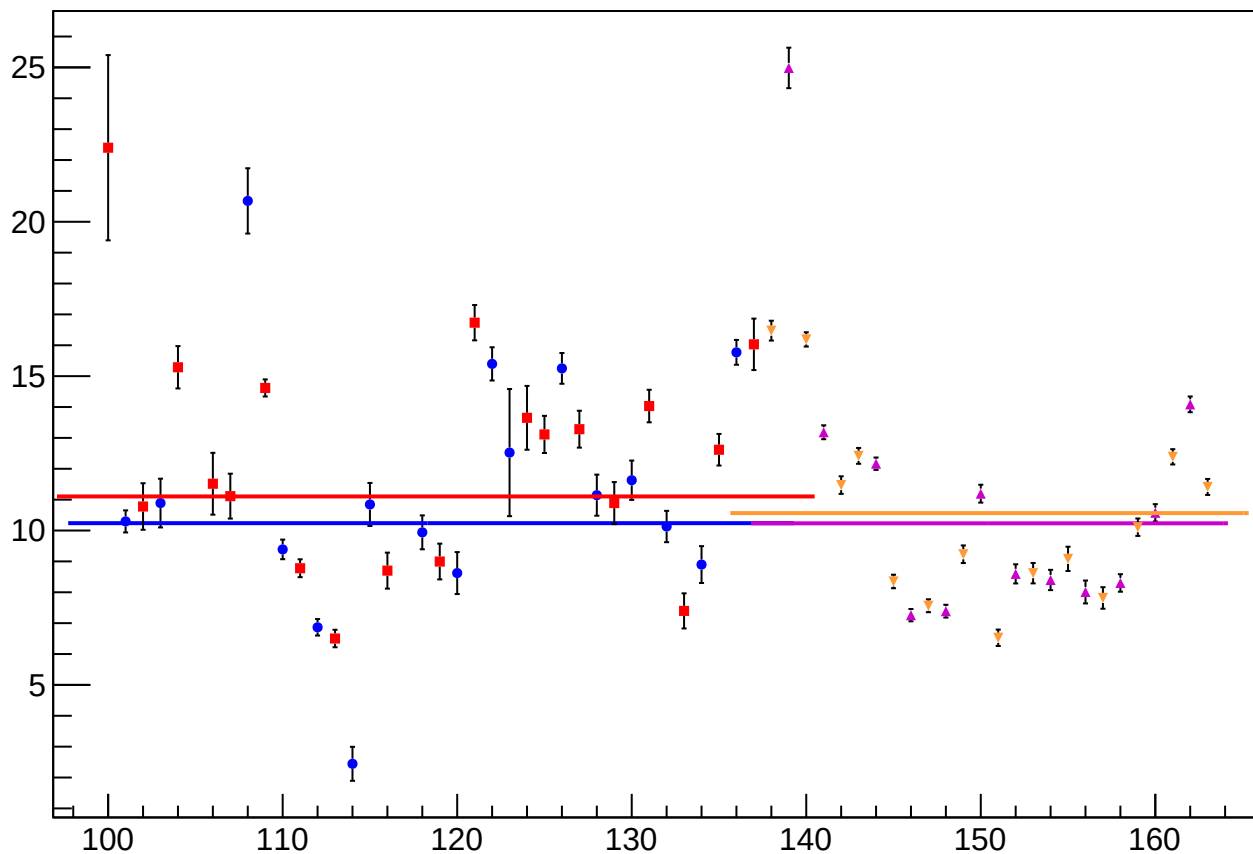
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 14.275 $\pm$ 0.102 χ^2 /NDF:1382.5/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 15.340 $\pm$ 0.108 χ^2 /NDF:1423.0/11

Left: 14.777 $\pm$ 0.074 χ^2 /NDF: 2856.5/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 15.340 $\pm$ 0.108 χ^2 /NDF:1423.0/11
 Out: 14.275 $\pm$ 0.102 χ^2 /NDF:1382.5/13
 All: 14.777 $\pm$ 0.074 χ^2 /NDF: 2856.5/25

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.564 $\pm$ 0.072 χ^2 /NDF:1728.9/13

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 10.233 $\pm$ 0.076 χ^2 /NDF:1563.3/11

Left: 10.407 $\pm$ 0.052 χ^2 /NDF: 3302.2/25

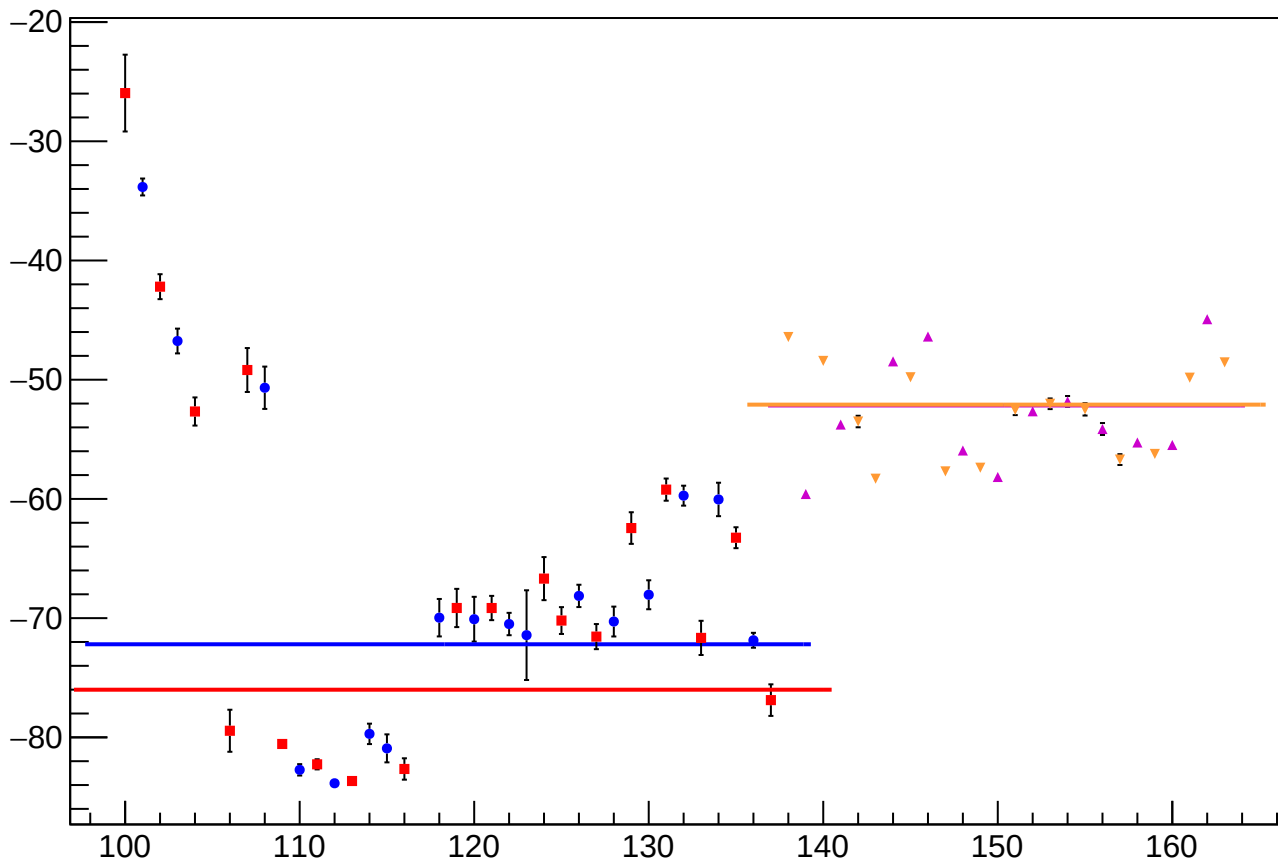
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 10.235 $\pm$ 0.064 χ^2 /NDF:2430.7/28

Out: 10.714 $\pm$ 0.061 χ^2 /NDF:2559.7/32

All: 10.485 $\pm$ 0.044 χ^2 /NDF: 5019.6/61

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: -52.091 ± 0.102 $\chi^2/\text{NDF}: 1426.7/13$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -52.163 ± 0.107 $\chi^2/\text{NDF}: 1885.3/11$

Left: -52.125 ± 0.074 $\chi^2/\text{NDF}: 3312.2/25$

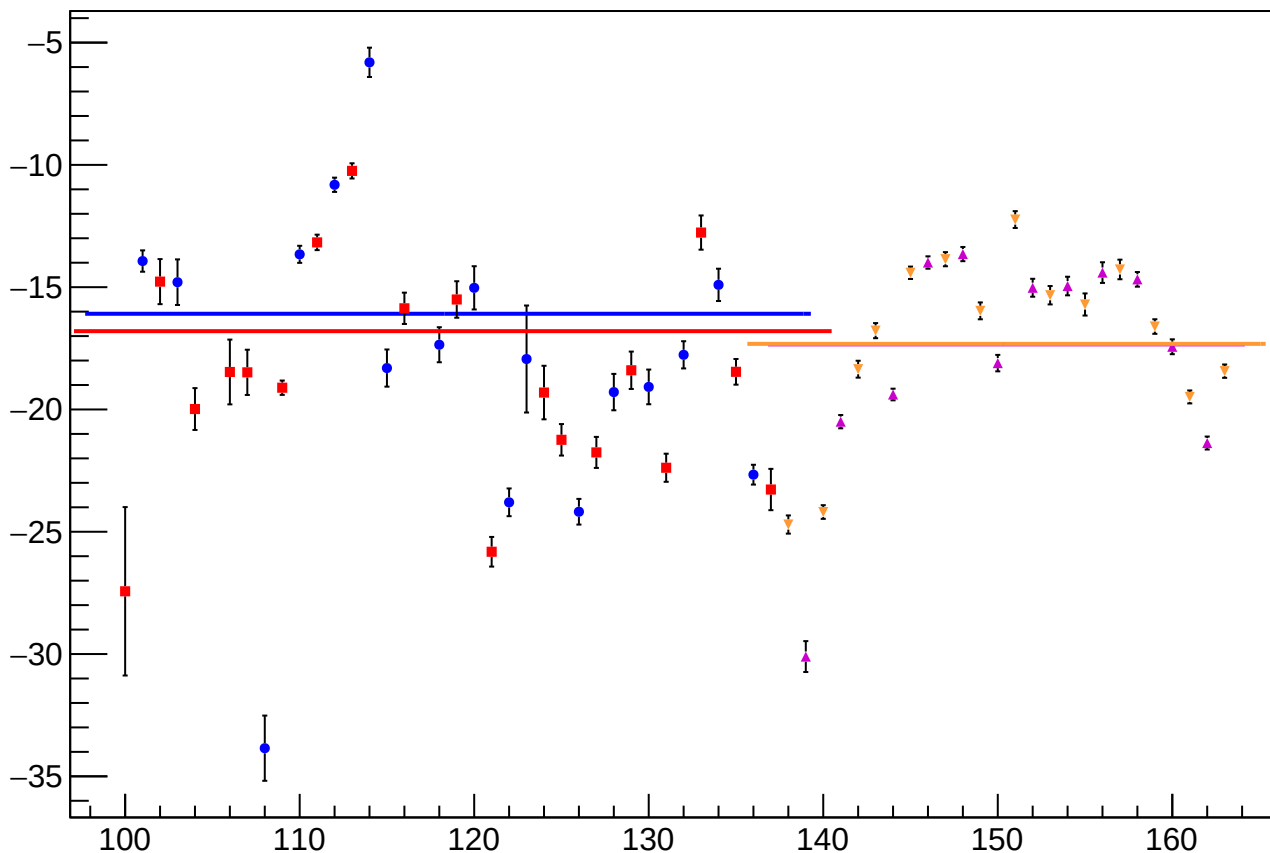
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -56.664 ± 0.094 $\chi^2/\text{NDF}: 15370.5/28$

Out: -57.871 ± 0.089 $\chi^2/\text{NDF}: 18134.1/32$

All: -57.301 ± 0.065 $\chi^2/\text{NDF}: 33591.6/61$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.317 ± 0.084 χ^2/NDF : 1705.0/13

Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -17.339 ± 0.089 χ^2/NDF : 1396.3/11

Left: -17.328 ± 0.061 χ^2/NDF : 3101.3/25

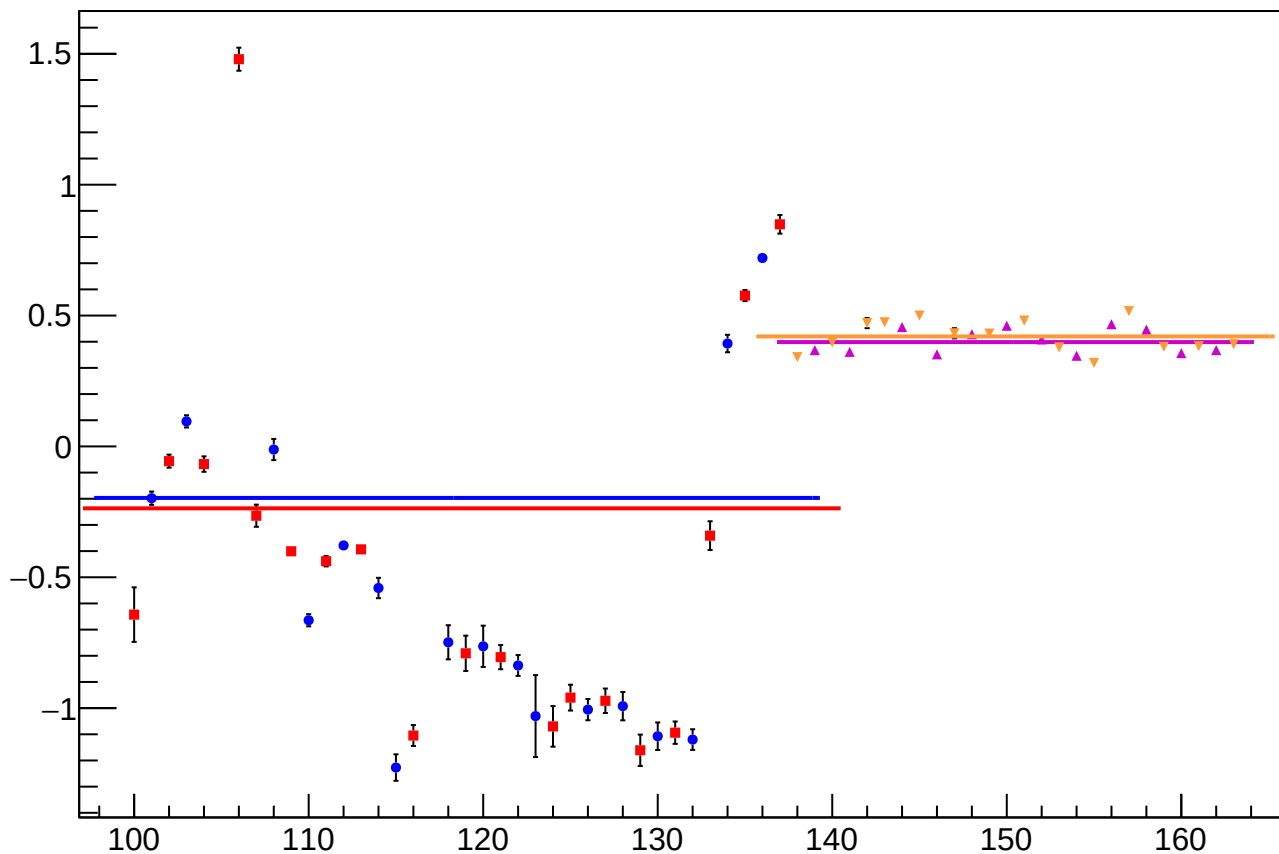
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -16.949 ± 0.074 χ^2/NDF : 3079.6/28

Out: -17.160 ± 0.070 χ^2/NDF : 2930.4/32

All: -17.060 ± 0.051 χ^2/NDF : 6014.3/61

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.420 ± 0.004 χ^2/NDF : 210.8/13

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.399 ± 0.004 χ^2/NDF : 114.1/11

Left: 0.410 ± 0.003 χ^2/NDF : 338.7/25

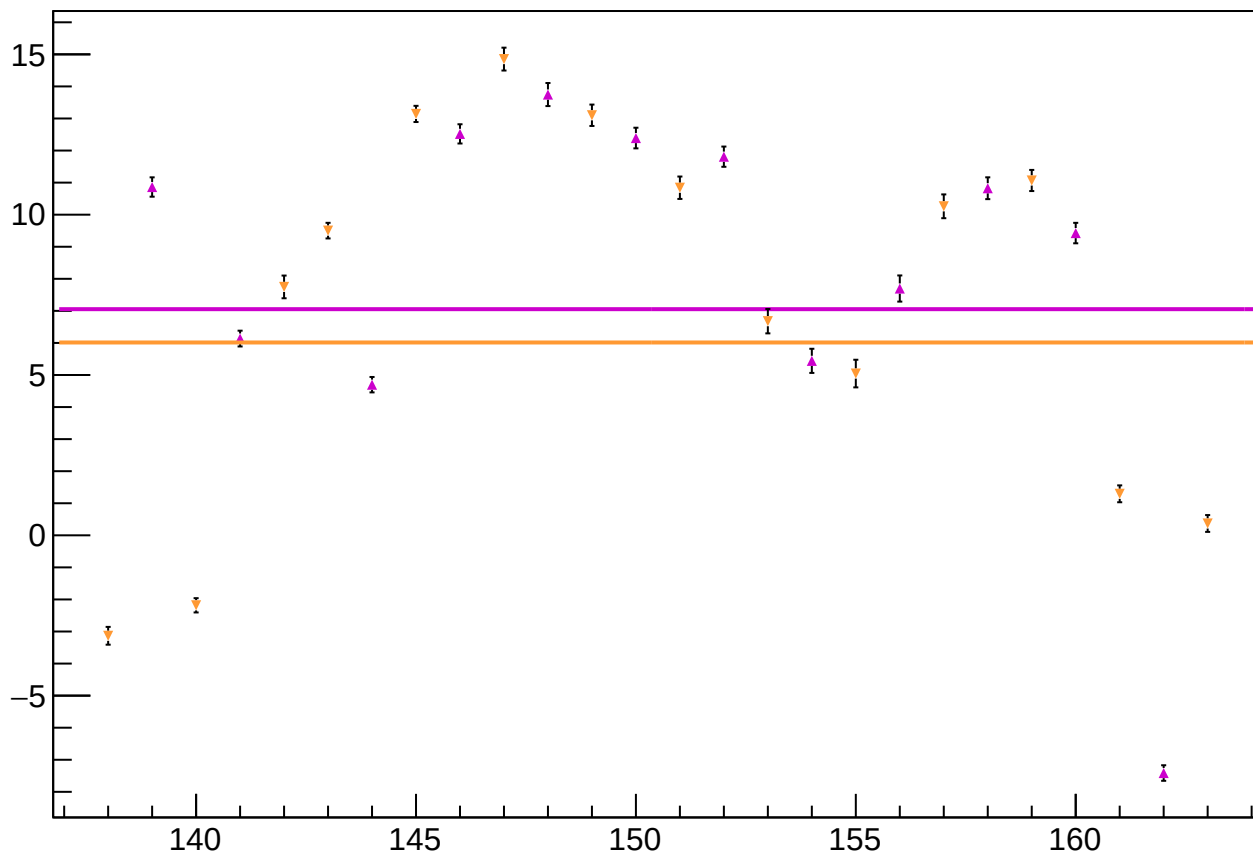
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.257 ± 0.004 χ^2/NDF : 11192.0/28

Out: 0.263 ± 0.004 χ^2/NDF : 12811.1/32

All: 0.260 ± 0.003 χ^2/NDF : 24004.3/61

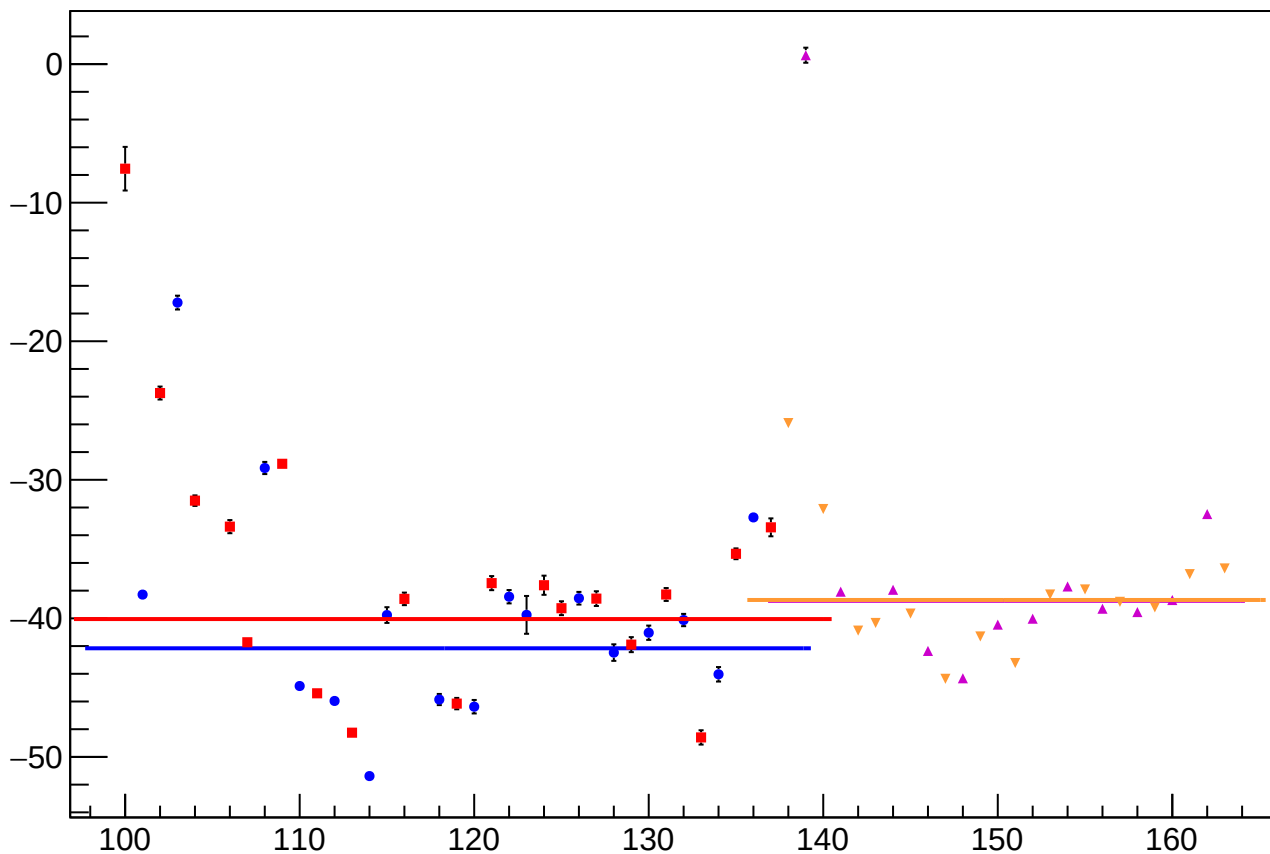
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.014+/-0.080 χ^2/NDF :5884.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.053+/-0.087 χ^2/NDF :5212.0/11

Left: 6.489+/-0.059 χ^2/NDF : 11173.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.053+/-0.087 χ^2/NDF :5212.0/11
 Out: 6.014+/-0.080 χ^2/NDF :5884.0/13
 All: 6.489+/-0.059 χ^2/NDF : 11173.2/25

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.673 ± 0.056 χ^2/NDF : 5793.1/13

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -38.736 ± 0.061 χ^2/NDF : 7820.6/11

Left: -38.702 ± 0.041 χ^2/NDF : 13614.2/25

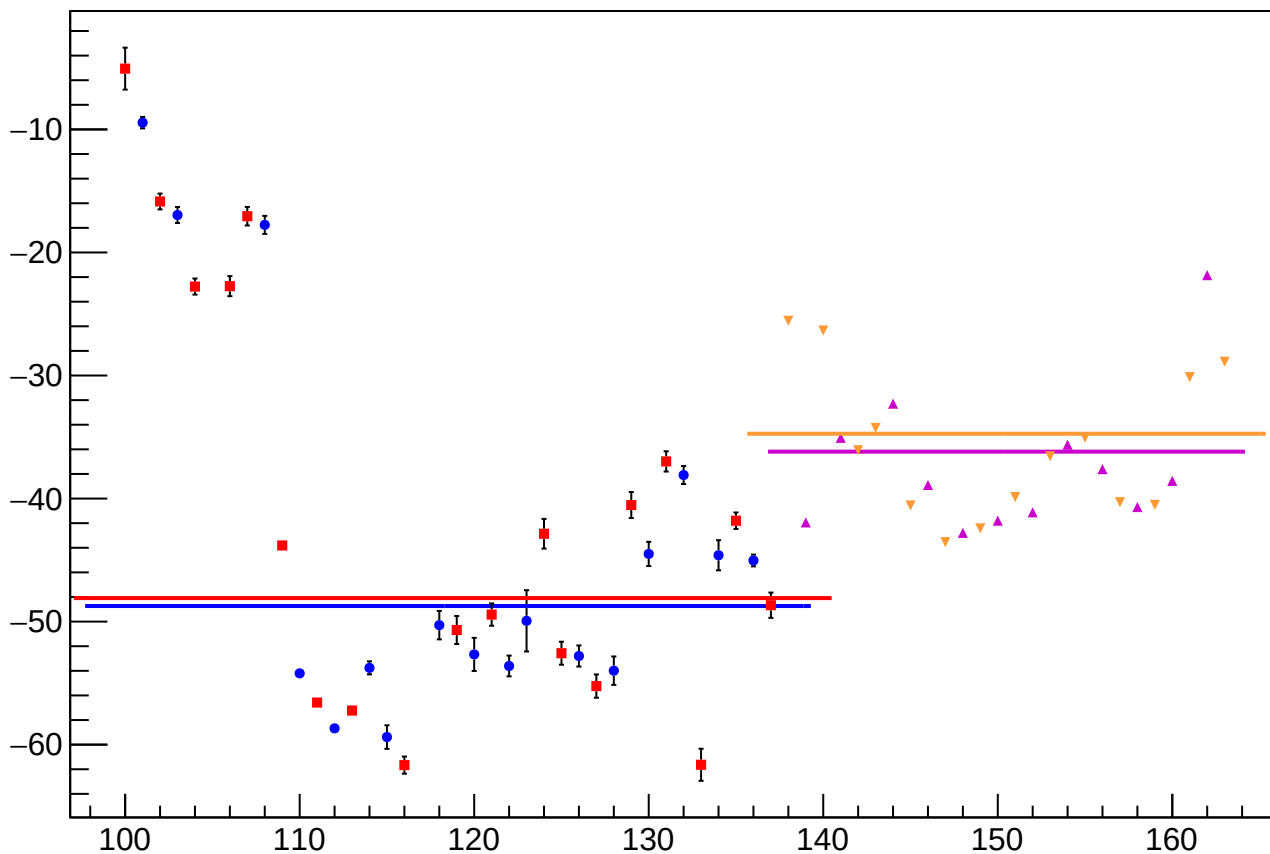
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -40.047 ± 0.048 χ^2/NDF : 15583.0/28

Out: -39.186 ± 0.044 χ^2/NDF : 17329.2/32

All: -39.581 ± 0.033 χ^2/NDF : 33084.6/61

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: -34.731 ± 0.080 $\chi^2/\text{NDF}: 5733.4/13$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -36.187 ± 0.085 $\chi^2/\text{NDF}: 5706.6/11$

Left: -35.408 ± 0.058 $\chi^2/\text{NDF}: 11595.4/25$

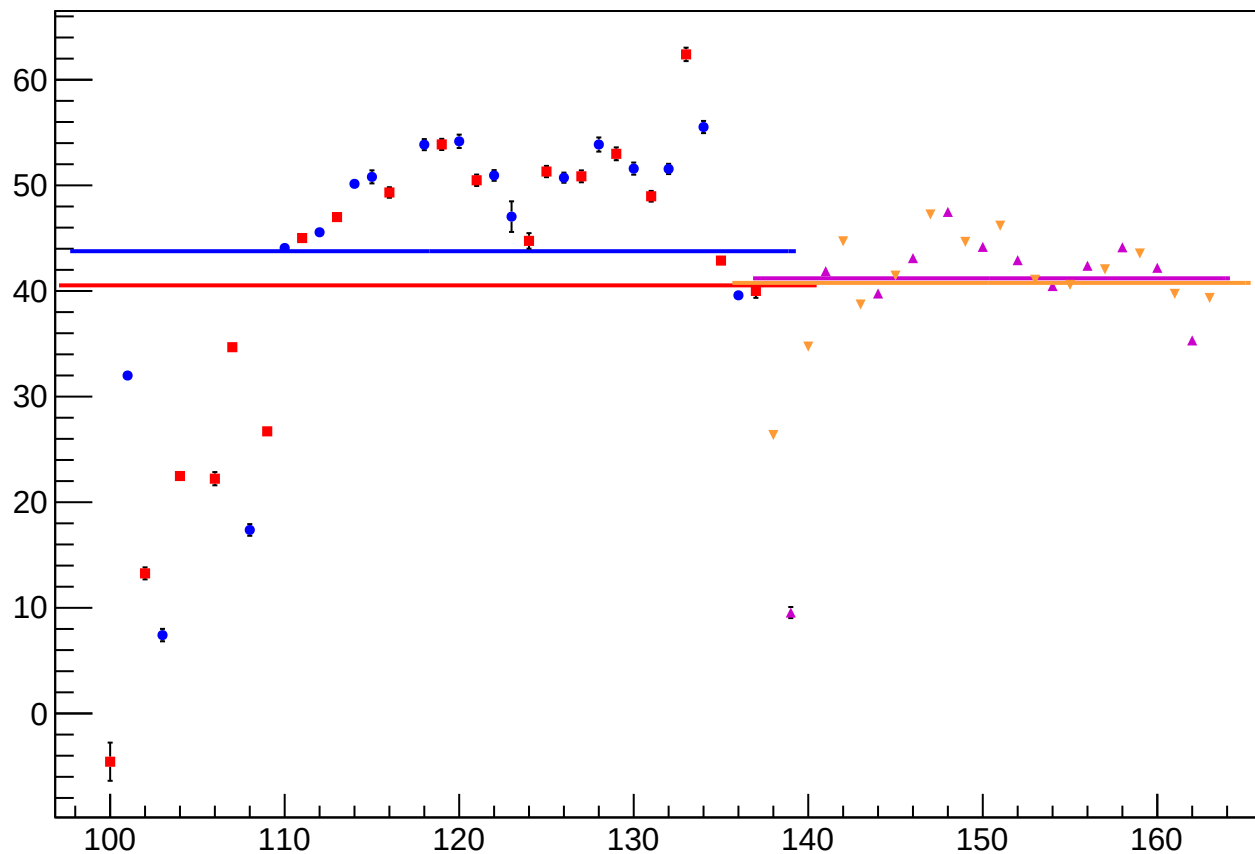
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -40.196 ± 0.070 $\chi^2/\text{NDF}: 27255.7/28$

Out: -39.481 ± 0.064 $\chi^2/\text{NDF}: 27467.2/32$

All: -39.804 ± 0.047 $\chi^2/\text{NDF}: 54779.2/61$

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: 40.767 $\pm$ 0.066 χ^2/NDF : 4875.6/13

Right Out: 40.531 $\pm$ 0.080 χ^2/NDF : 17580.8/18

Left In: 41.201 $\pm$ 0.072 χ^2/NDF : 5637.4/11

Left: 40.965 $\pm$ 0.048 χ^2/NDF : 10532.9/25

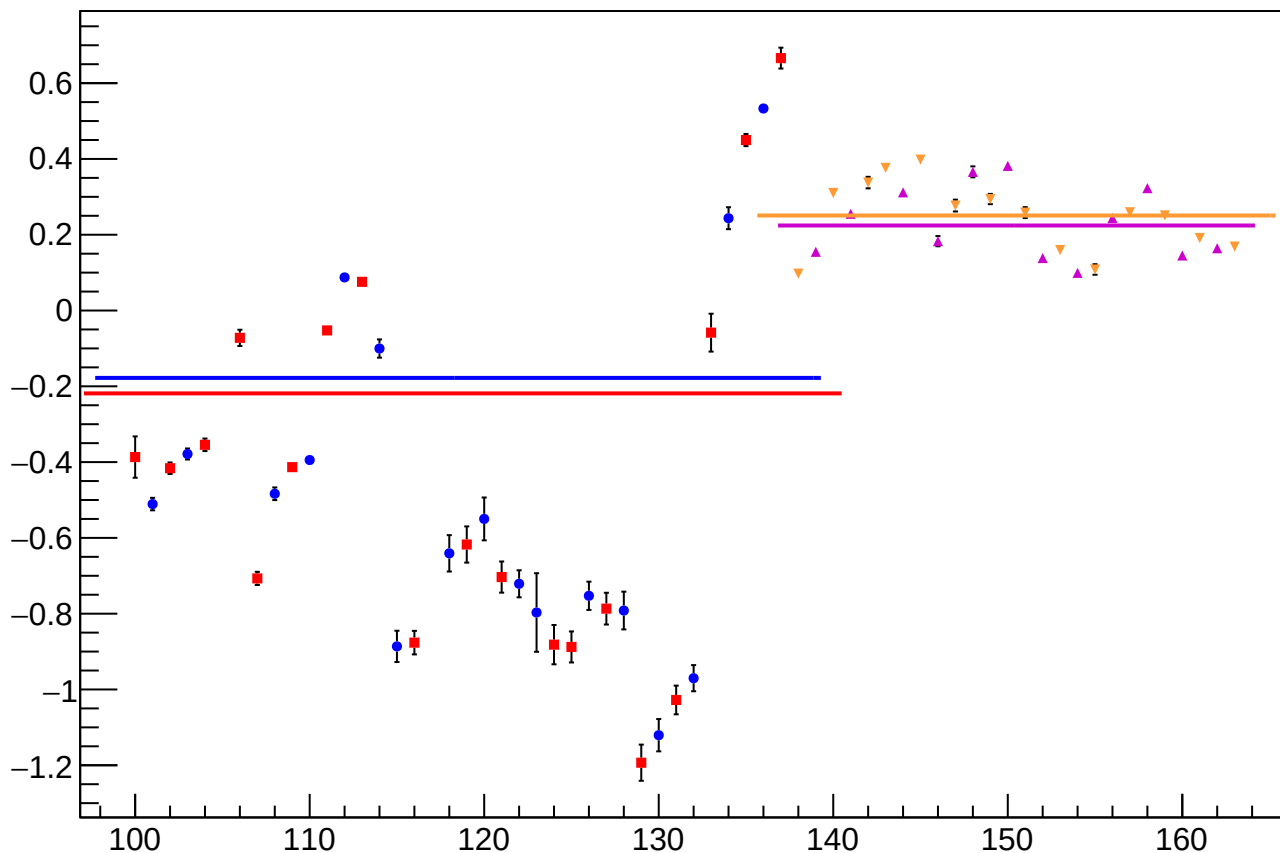
Right: 42.021 $\pm$ 0.059 χ^2/NDF : 28963.8/35

In: 42.240 $\pm$ 0.055 χ^2/NDF : 16790.9/28

Out: 40.672 $\pm$ 0.051 χ^2/NDF : 22461.6/32

All: 41.391 $\pm$ 0.037 χ^2/NDF : 39688.5/61

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178±/0.005 χ^2/NDF : 7364.4/16

Left Out: 0.251±/0.003 χ^2/NDF :849.8/13

Right Out: -0.219±/0.004 χ^2/NDF : 7465.2/18

Left In: 0.224±/0.003 χ^2/NDF :694.2/11

Left: 0.238±/0.002 χ^2/NDF : 1577.1/25

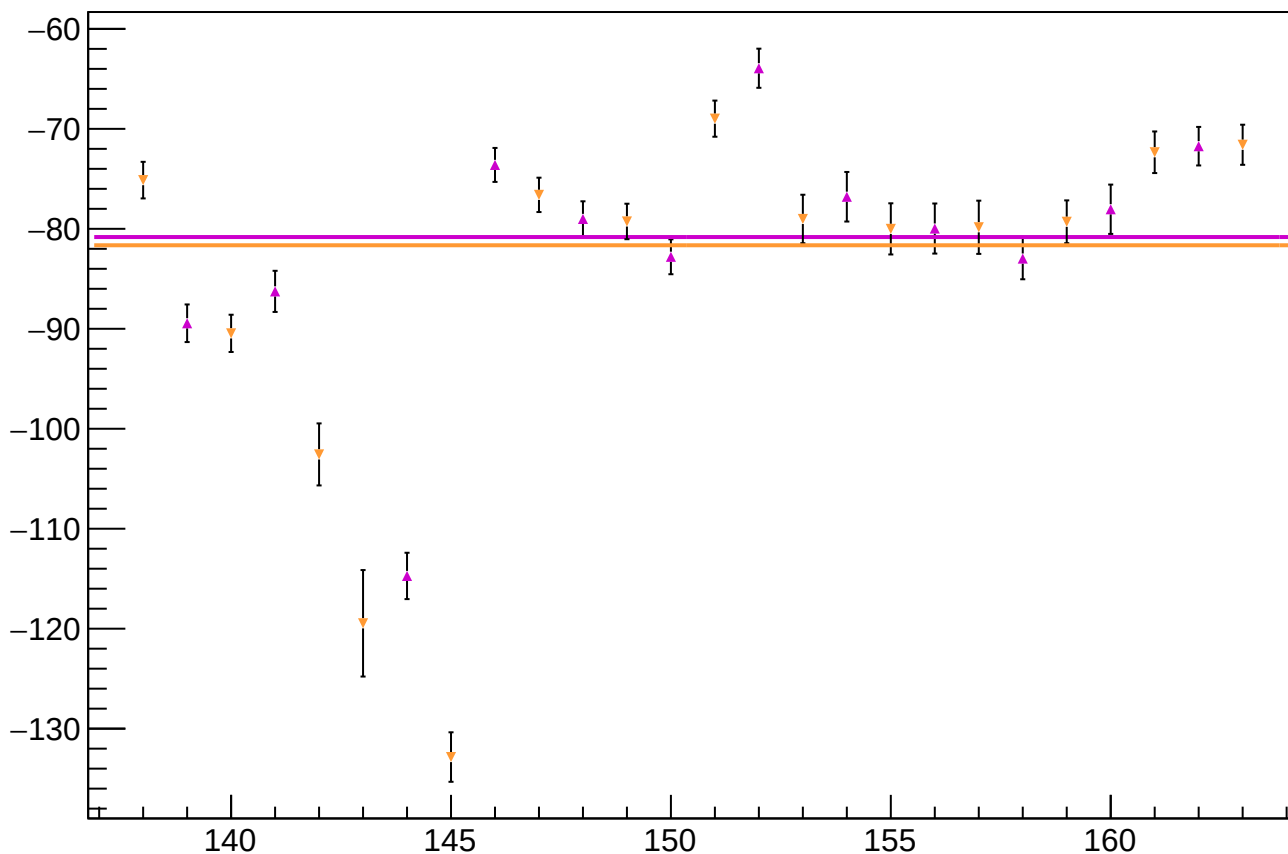
Right: -0.201±/0.003 χ^2/NDF : 14869.5/35

In: 0.094±/0.003 χ^2/NDF :12721.4/28

Out: 0.088±/0.003 χ^2/NDF :16096.4/32

All: 0.091±/0.002 χ^2/NDF : 28820.6/61

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



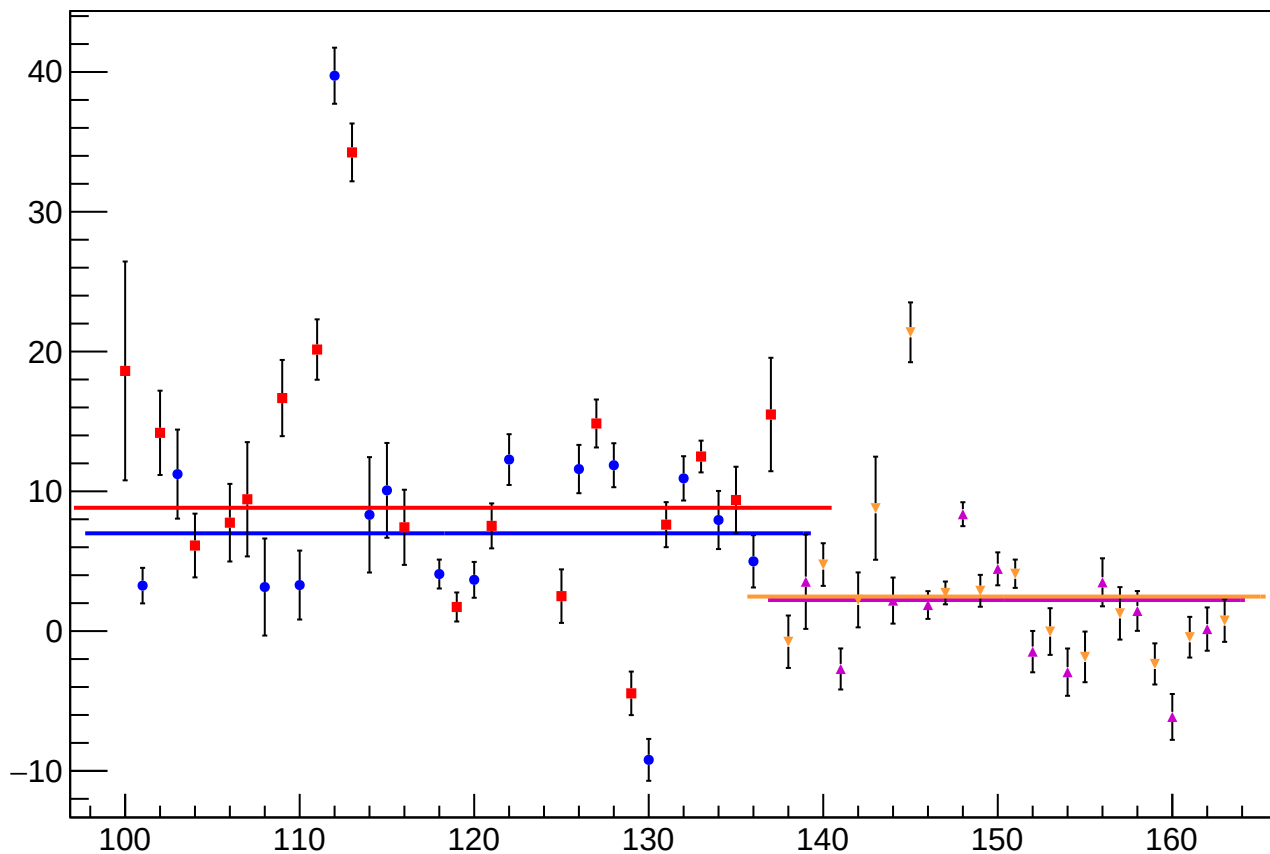
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -81.646+/-0.576 χ^2/NDF :666.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -80.822+/-0.582 χ^2/NDF :364.0/11

Left: -81.239+/-0.409 χ^2/NDF : 1031.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.822+/-0.582 χ^2/NDF :364.0/11
 Out: -81.646+/-0.576 χ^2/NDF :666.4/13

All: -81.239+/-0.409 χ^2/NDF : 1031.4/25

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.471 $\pm$ 0.383 χ^2 /NDF:113.4/13

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 2.225 $\pm$ 0.394 χ^2 /NDF:110.7/11

Left: 2.352 $\pm$ 0.274 χ^2 /NDF: 224.3/25

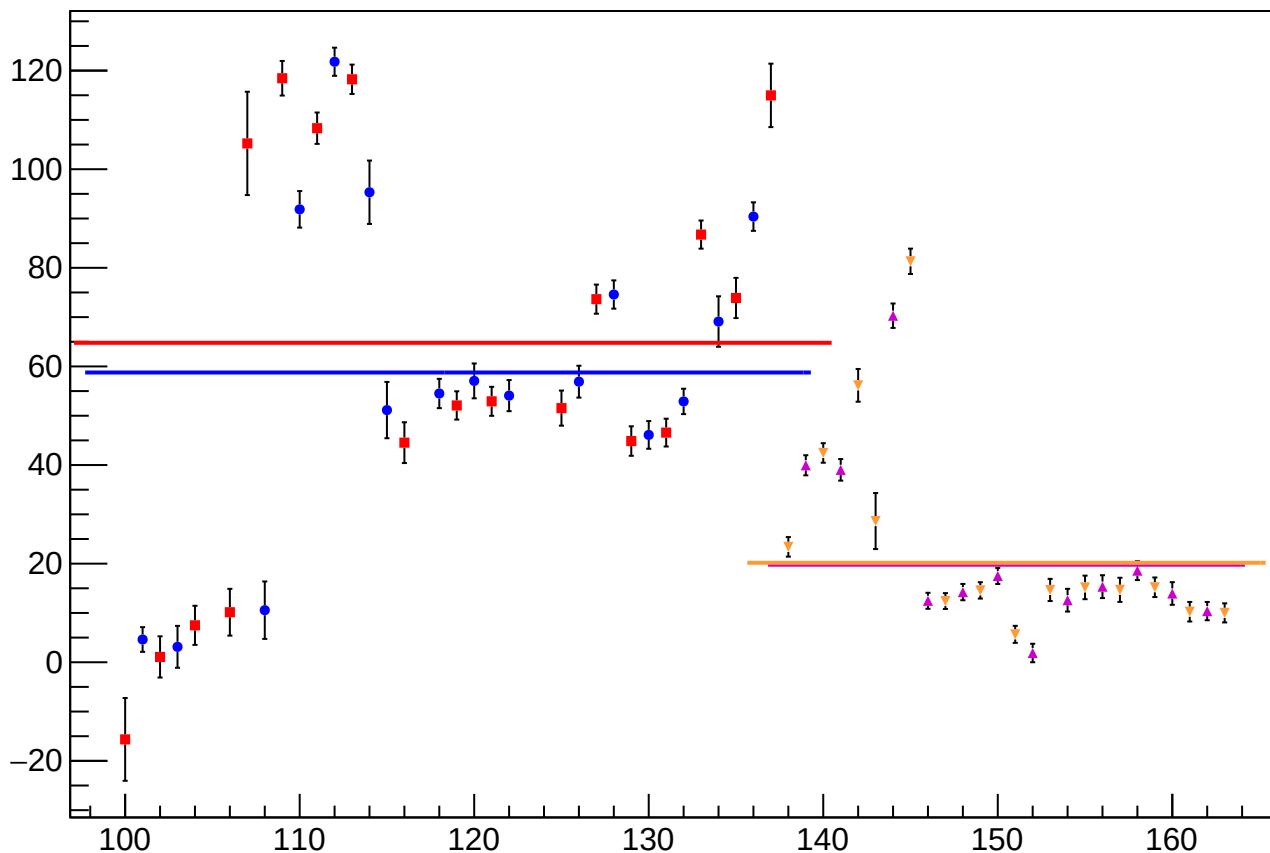
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 4.379 $\pm$ 0.292 χ^2 /NDF:622.3/27

Out: 5.145 $\pm$ 0.291 χ^2 /NDF:579.8/31

All: 4.763 $\pm$ 0.206 χ^2 /NDF: 1205.6/59

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: 20.173 $\pm$ 0.561 χ^2 /NDF:994.5/13

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 19.781 $\pm$ 0.564 χ^2 /NDF:761.1/11

Left: 19.978 $\pm$ 0.398 χ^2 /NDF: 1755.8/25

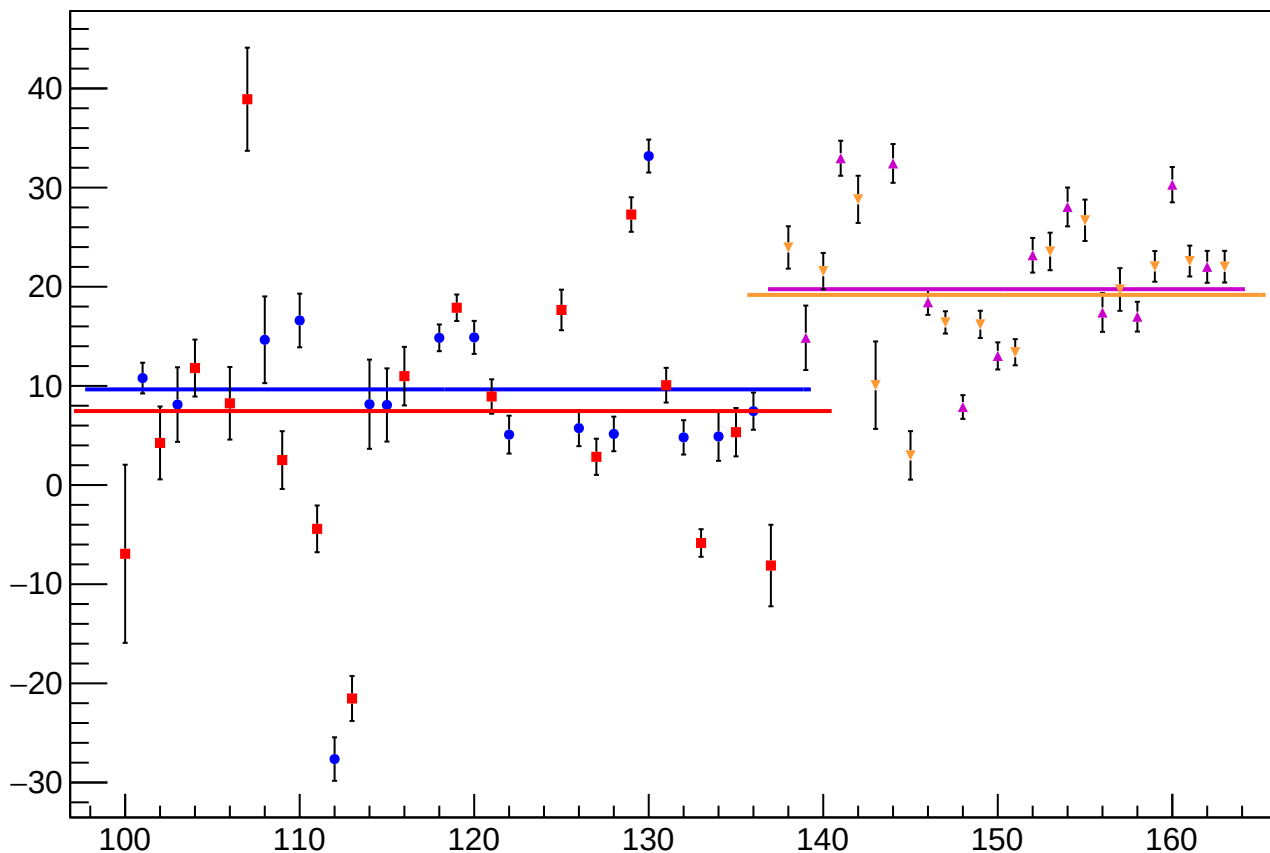
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 32.035 $\pm$ 0.467 χ^2 /NDF:3756.9/27

Out: 33.912 $\pm$ 0.466 χ^2 /NDF:4663.0/31

All: 32.975 $\pm$ 0.330 χ^2 /NDF: 8428.0/59

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 19.178 ± 0.459 $\chi^2/\text{NDF}: 131.1/13$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 19.754 ± 0.470 $\chi^2/\text{NDF}: 287.9/11$

Left: 19.459 ± 0.328 $\chi^2/\text{NDF}: 419.8/25$

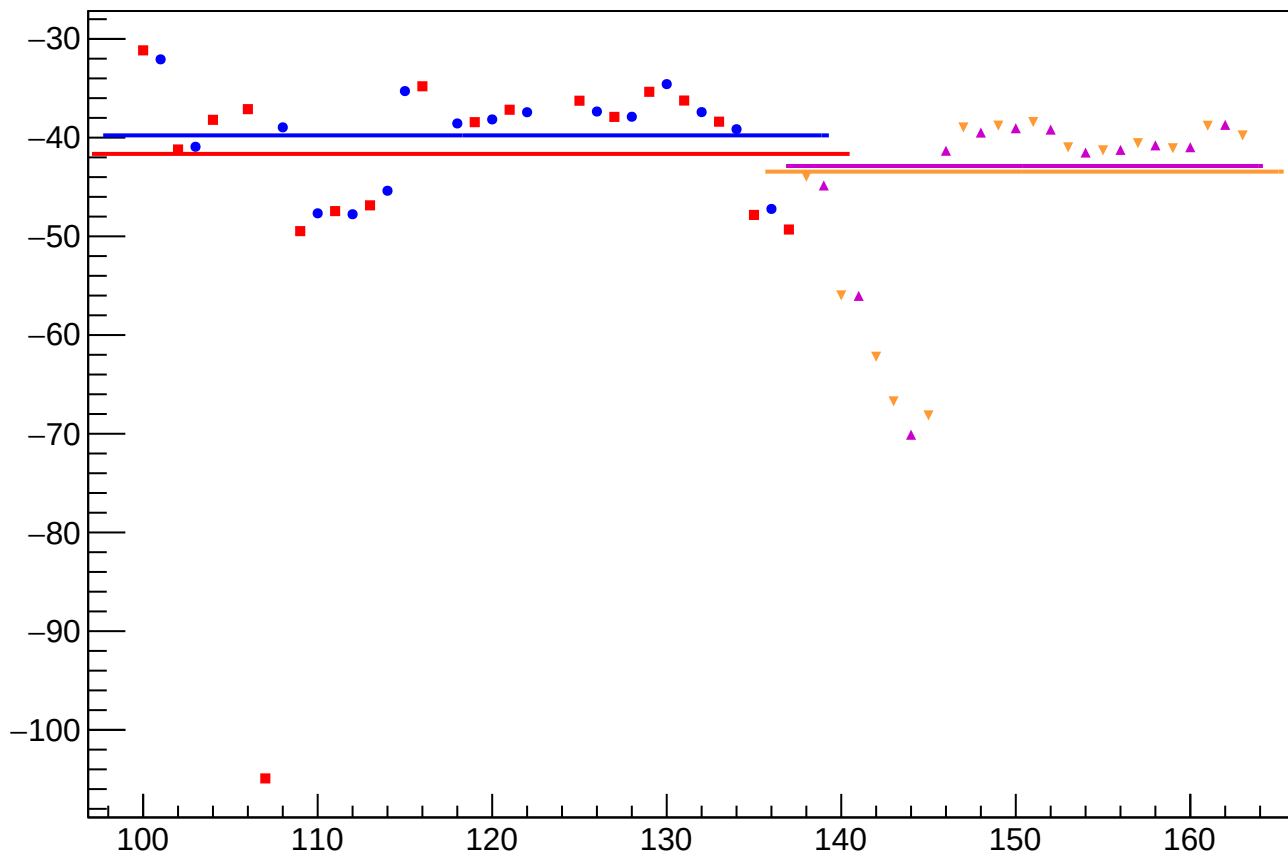
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.034 ± 0.343 $\chi^2/\text{NDF}: 1057.4/27$

Out: 14.003 ± 0.343 $\chi^2/\text{NDF}: 986.1/31$

All: 14.518 ± 0.242 $\chi^2/\text{NDF}: 2048.1/59$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -43.444 ± 0.022 χ^2/NDF : 132507.3/13

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -42.874 ± 0.022 χ^2/NDF : 99123.2/11

Left: -43.158 ± 0.016 χ^2/NDF : 231959.2/25

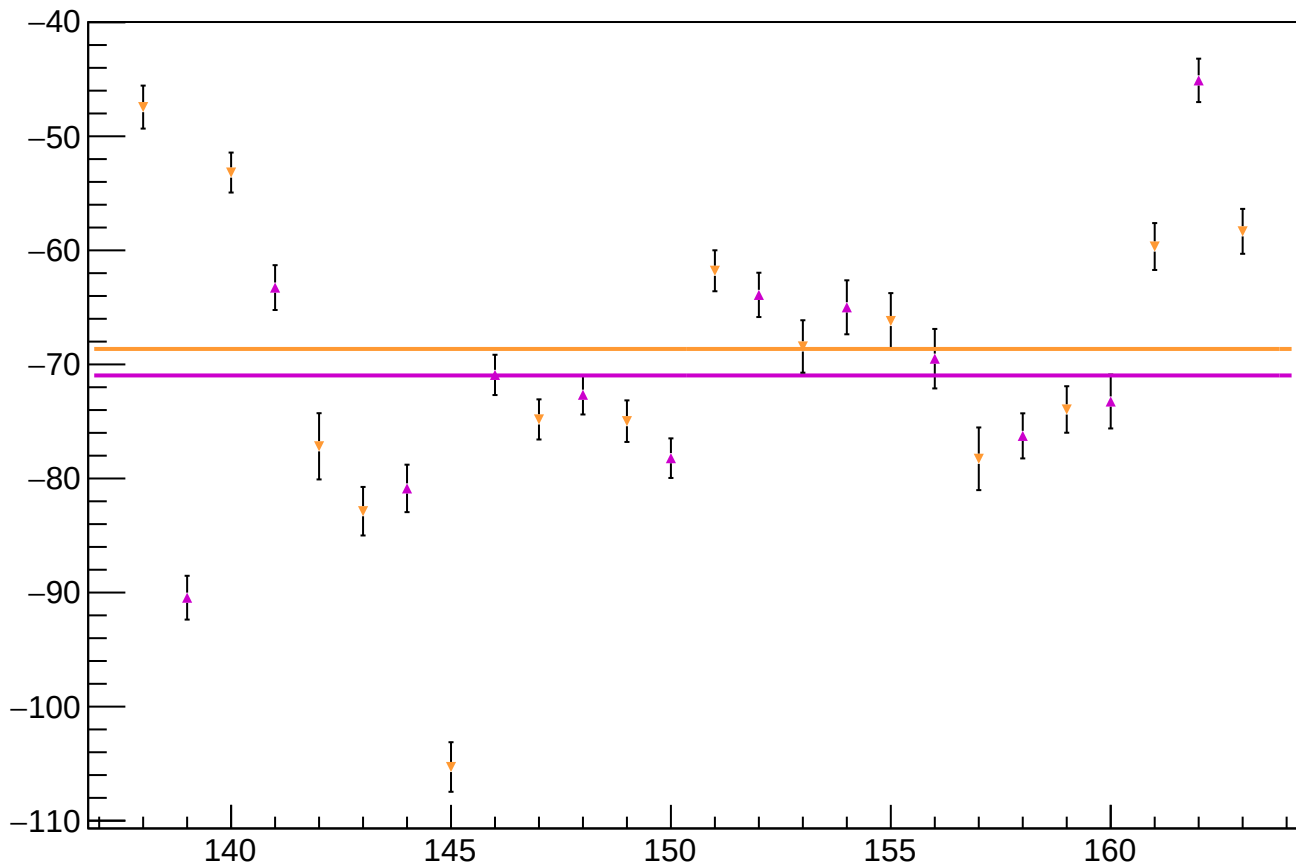
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -41.828 ± 0.018 χ^2/NDF : 131896.5/27

Out: -42.837 ± 0.018 χ^2/NDF : 229218.7/31

All: -42.331 ± 0.013 χ^2/NDF : 362670.3/59

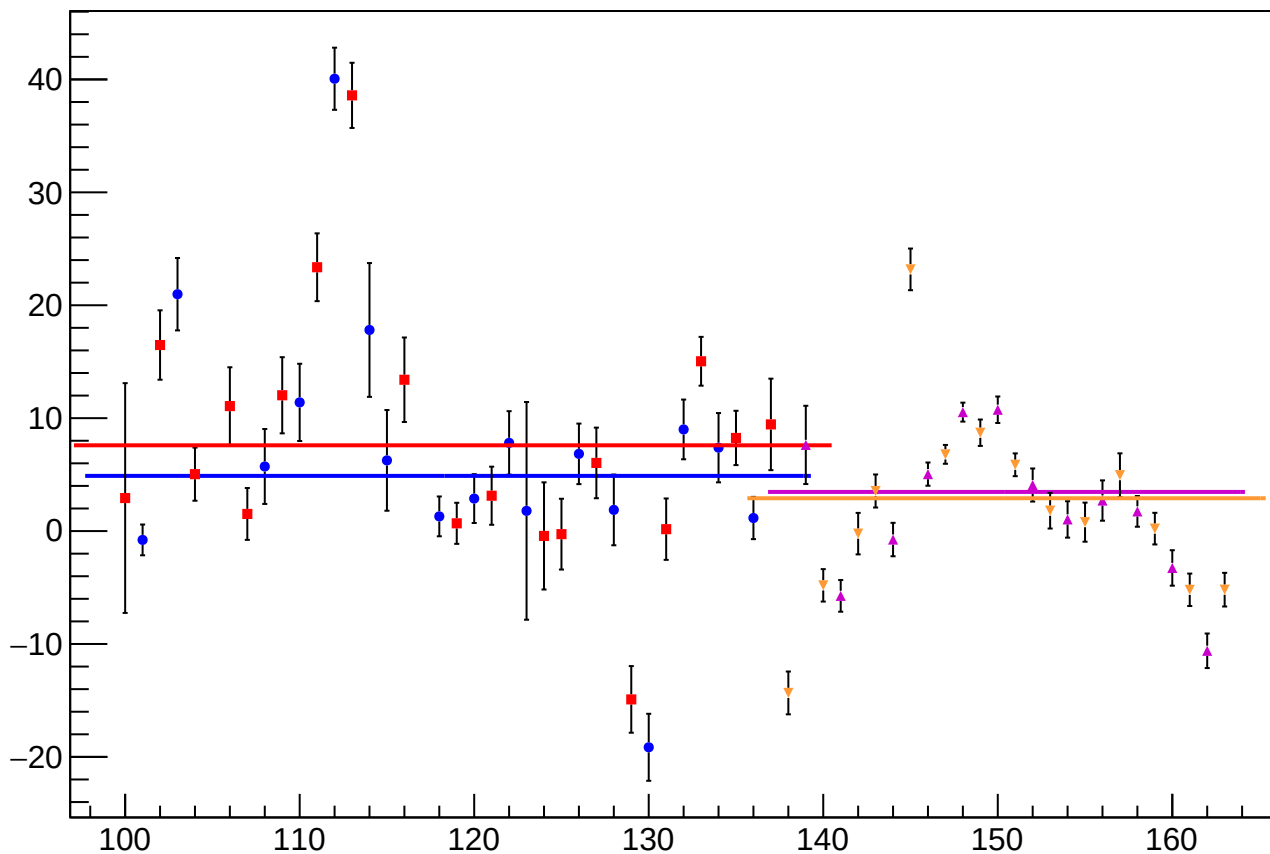
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -68.643+/-0.549 χ^2/NDF : 647.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -70.967+/-0.573 χ^2/NDF : 372.2/11

Left: -69.756+/-0.396 χ^2/NDF : 1028.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -70.967+/-0.573 χ^2/NDF : 372.2/11
 Out: -68.643+/-0.549 χ^2/NDF : 647.5/13
 All: -69.756+/-0.396 χ^2/NDF : 1028.3/25

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 2.907 ± 0.367 χ^2/NDF : 358.5/13

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 3.467 ± 0.387 χ^2/NDF : 271.6/11

Left: 3.172 ± 0.266 χ^2/NDF : 631.2/25

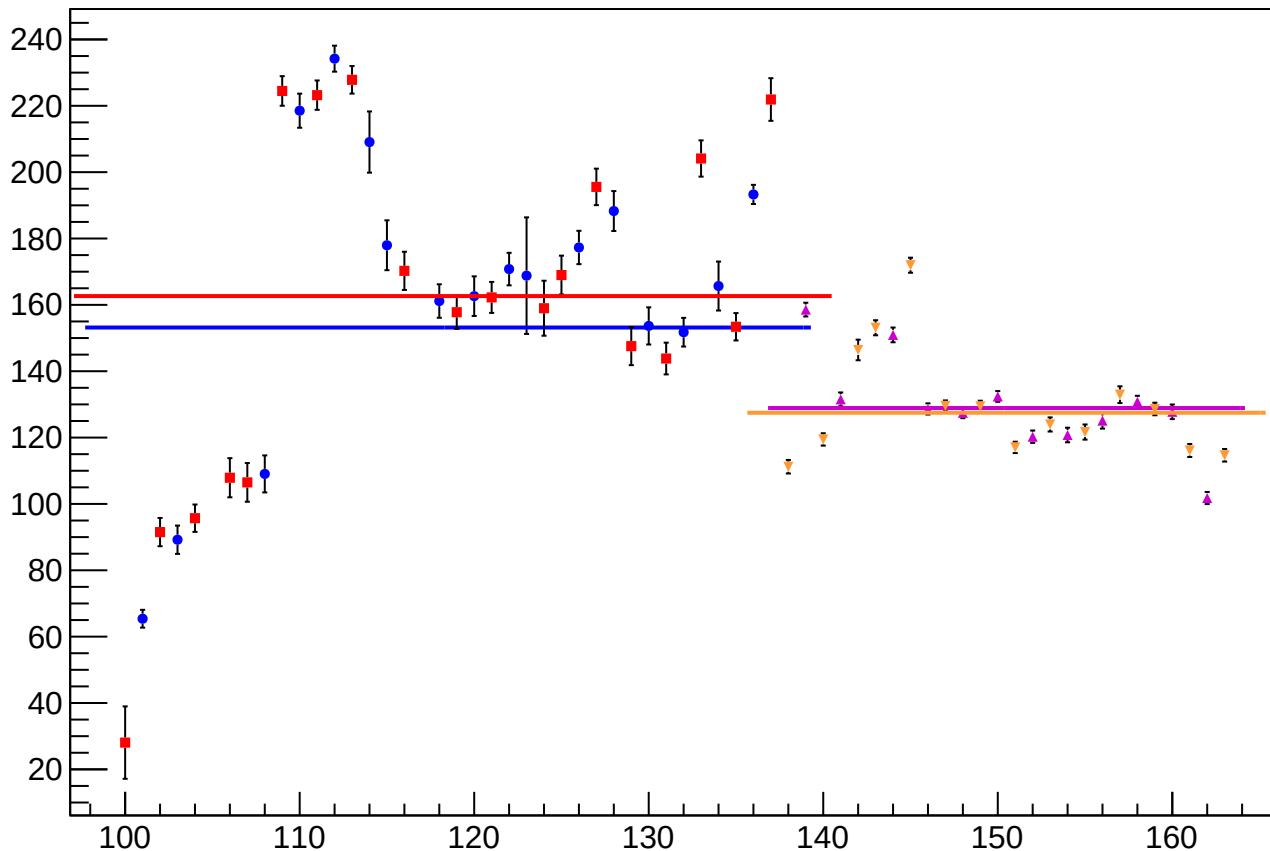
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 3.864 ± 0.329 χ^2/NDF : 570.1/28

Out: 4.039 ± 0.320 χ^2/NDF : 667.3/32

All: 3.954 ± 0.229 χ^2/NDF : 1237.5/61

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 127.485+/-0.538 χ^2/NDF : 763.7/13

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 128.910+/-0.555 χ^2/NDF : 567.0/11

Left: 128.175+/-0.386 χ^2/NDF : 1334.1/25

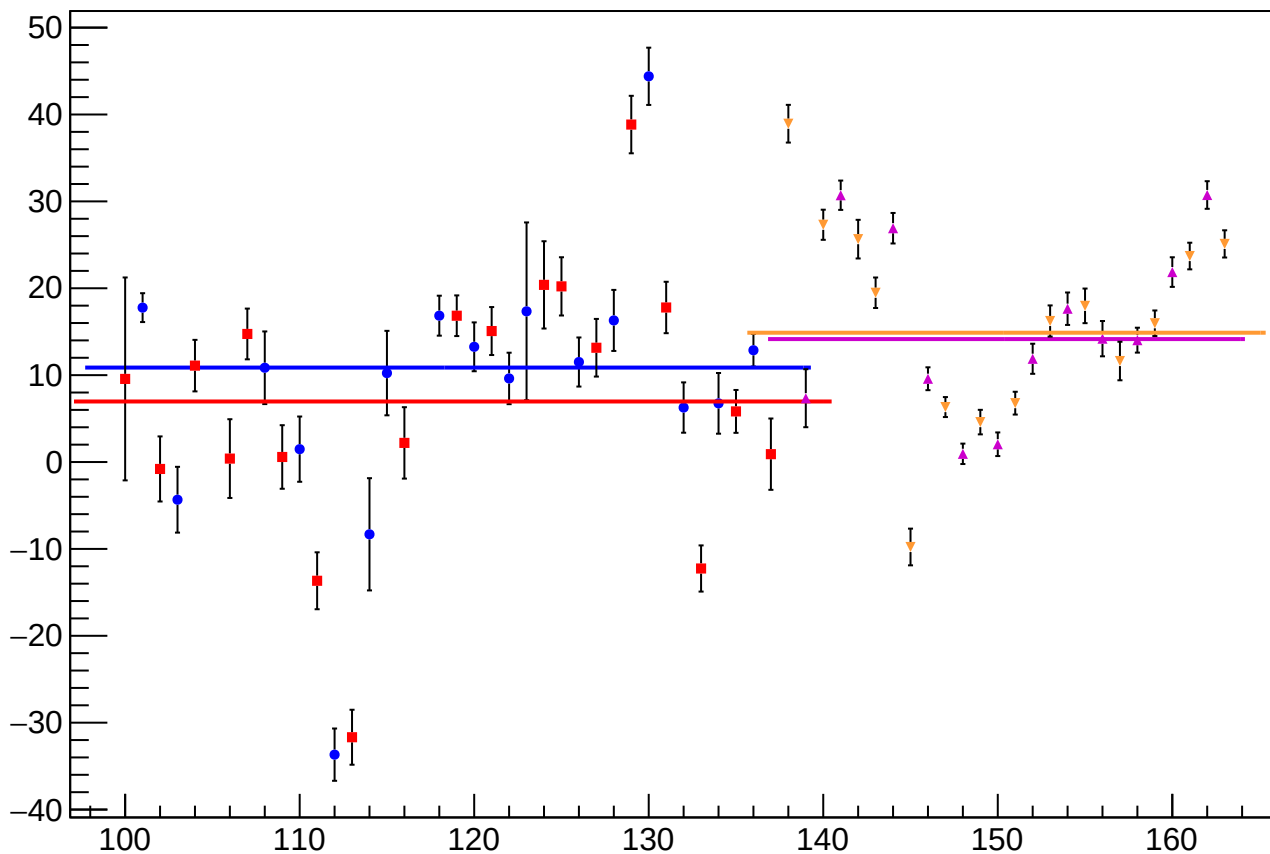
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 133.519+/-0.500 χ^2/NDF : 3194.1/28

Out: 133.563+/-0.489 χ^2/NDF : 3211.6/32

All: 133.541+/-0.349 χ^2/NDF : 6405.8/61

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: 14.884 $\pm$ 0.439 χ^2/NDF :568.7/13

Right Out: 6.969 $\pm$ 0.748 χ^2/NDF : 422.3/18

Left In: 14.151 $\pm$ 0.461 χ^2/NDF :505.5/11

Left: 14.536 $\pm$ 0.318 χ^2/NDF : 1075.6/25

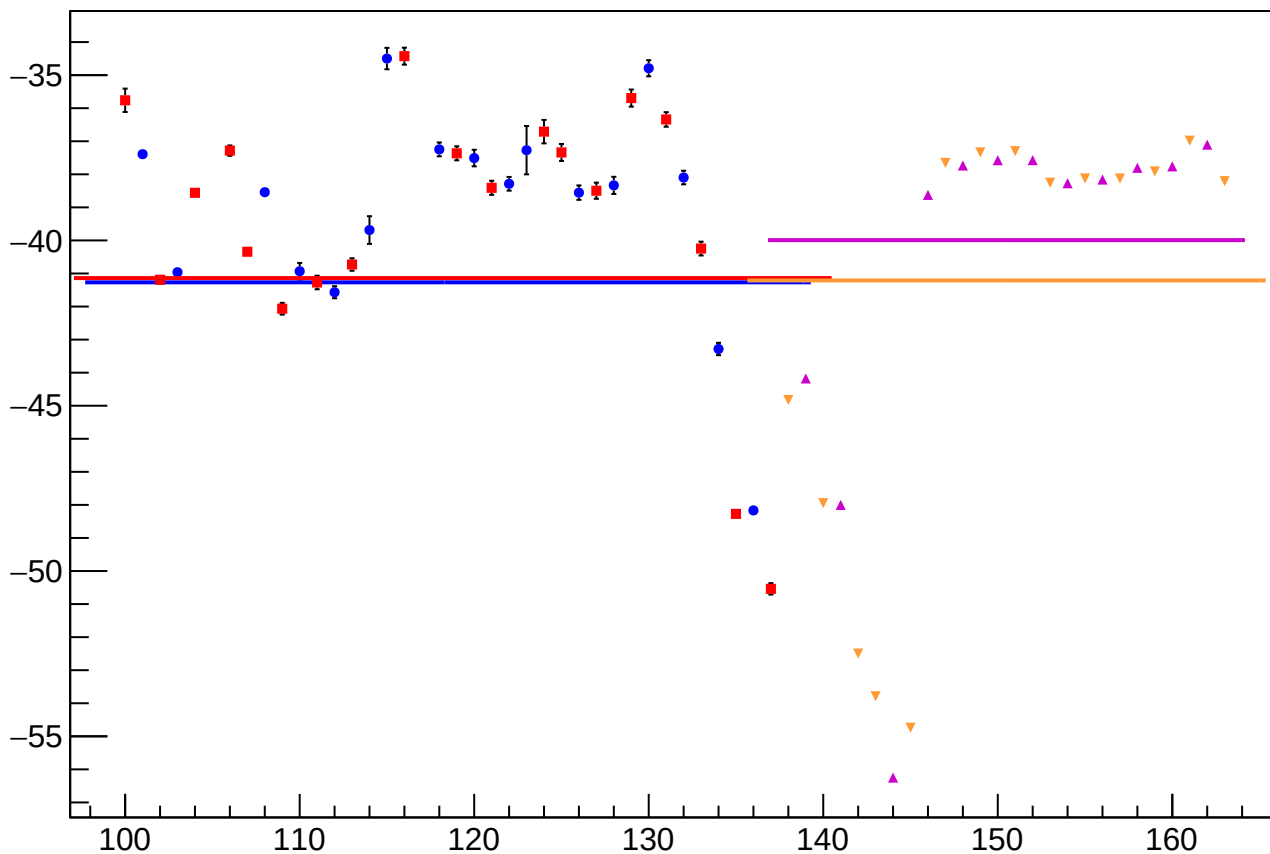
Right: 9.009 $\pm$ 0.517 χ^2/NDF : 823.3/35

In: 13.186 $\pm$ 0.388 χ^2/NDF :907.1/28

Out: 12.856 $\pm$ 0.378 χ^2/NDF :1074.5/32

All: 13.017 $\pm$ 0.271 χ^2/NDF : 1981.9/61

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: -41.210 ± 0.021 $\chi^2/\text{NDF}: 77991.0/13$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.990 ± 0.022 $\chi^2/\text{NDF}: 48265.5/11$

Left: -40.614 ± 0.015 $\chi^2/\text{NDF}: 127851.9/25$

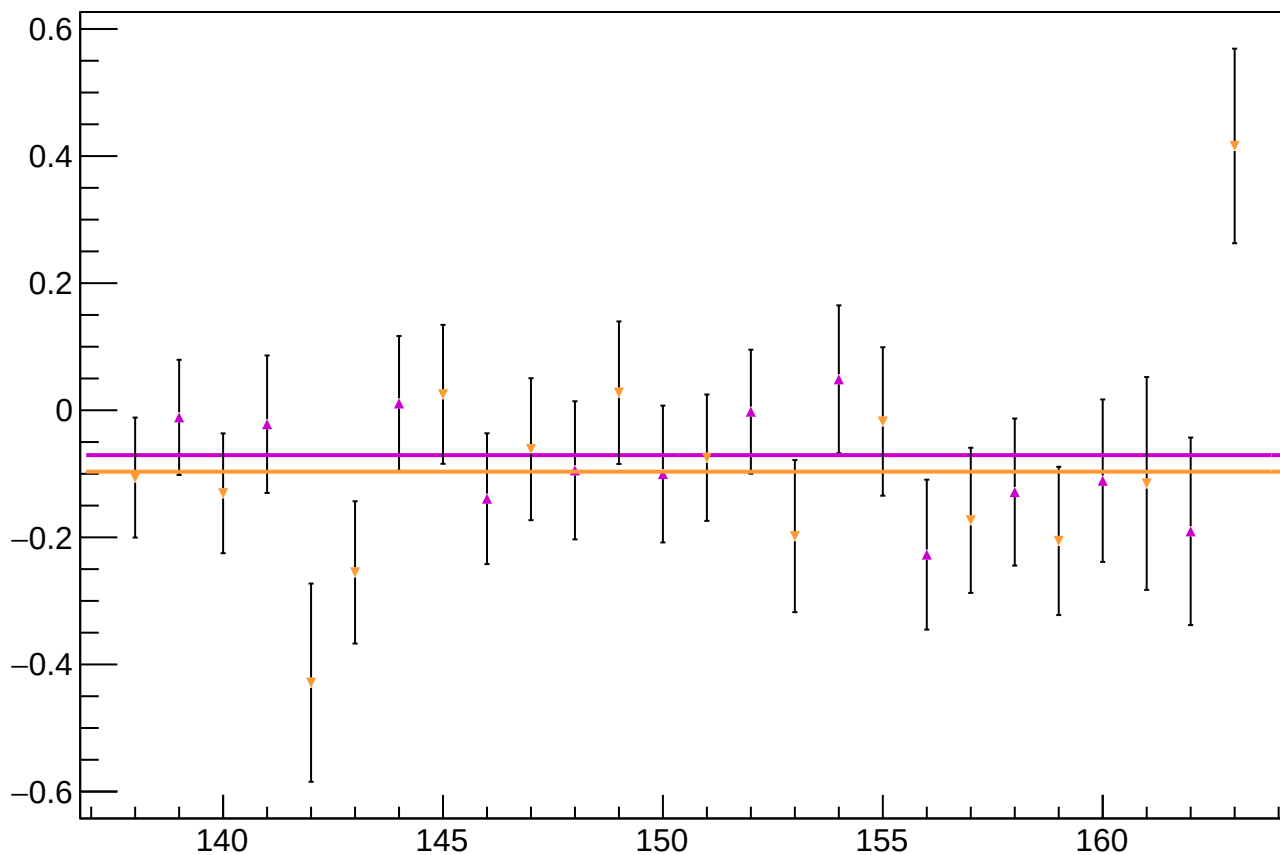
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -40.301 ± 0.019 $\chi^2/\text{NDF}: 61678.3/28$

Out: -41.194 ± 0.019 $\chi^2/\text{NDF}: 90236.0/32$

All: -40.755 ± 0.013 $\chi^2/\text{NDF}: 153036.3/61$

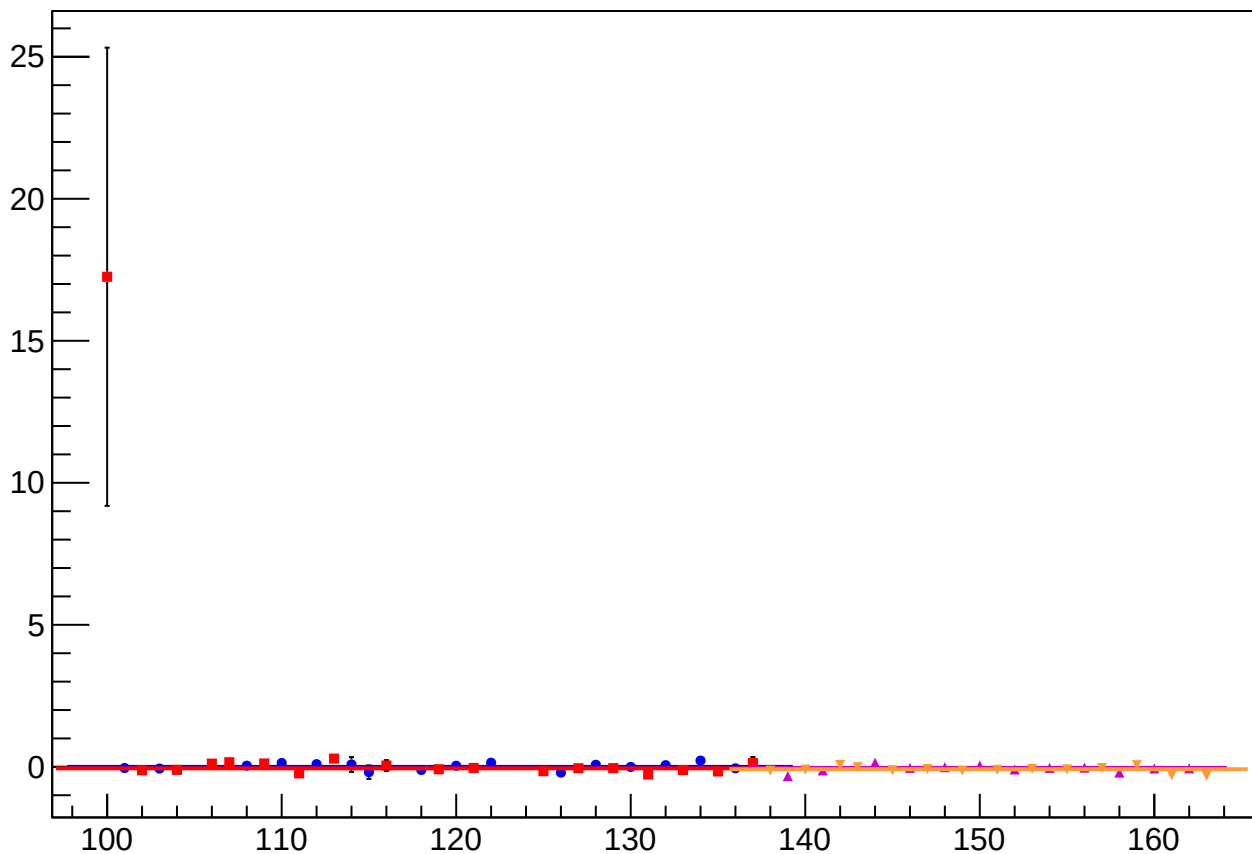
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.097 $\pm$ 0.031 χ^2 /NDF:23.0/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.071 $\pm$ 0.032 χ^2 /NDF:6.1/11

Left: -0.084 $\pm$ 0.022 χ^2 /NDF: 29.5/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.071 $\pm$ 0.032 χ^2 /NDF:6.1/11
 Out: -0.097 $\pm$ 0.031 χ^2 /NDF:23.0/13
 All: -0.084 $\pm$ 0.022 χ^2 /NDF: 29.5/25

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.085 ± 0.021 χ^2/NDF : 14.6/13

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.040 ± 0.022 χ^2/NDF : 16.5/11

Left: -0.064 ± 0.015 χ^2/NDF : 33.2/25

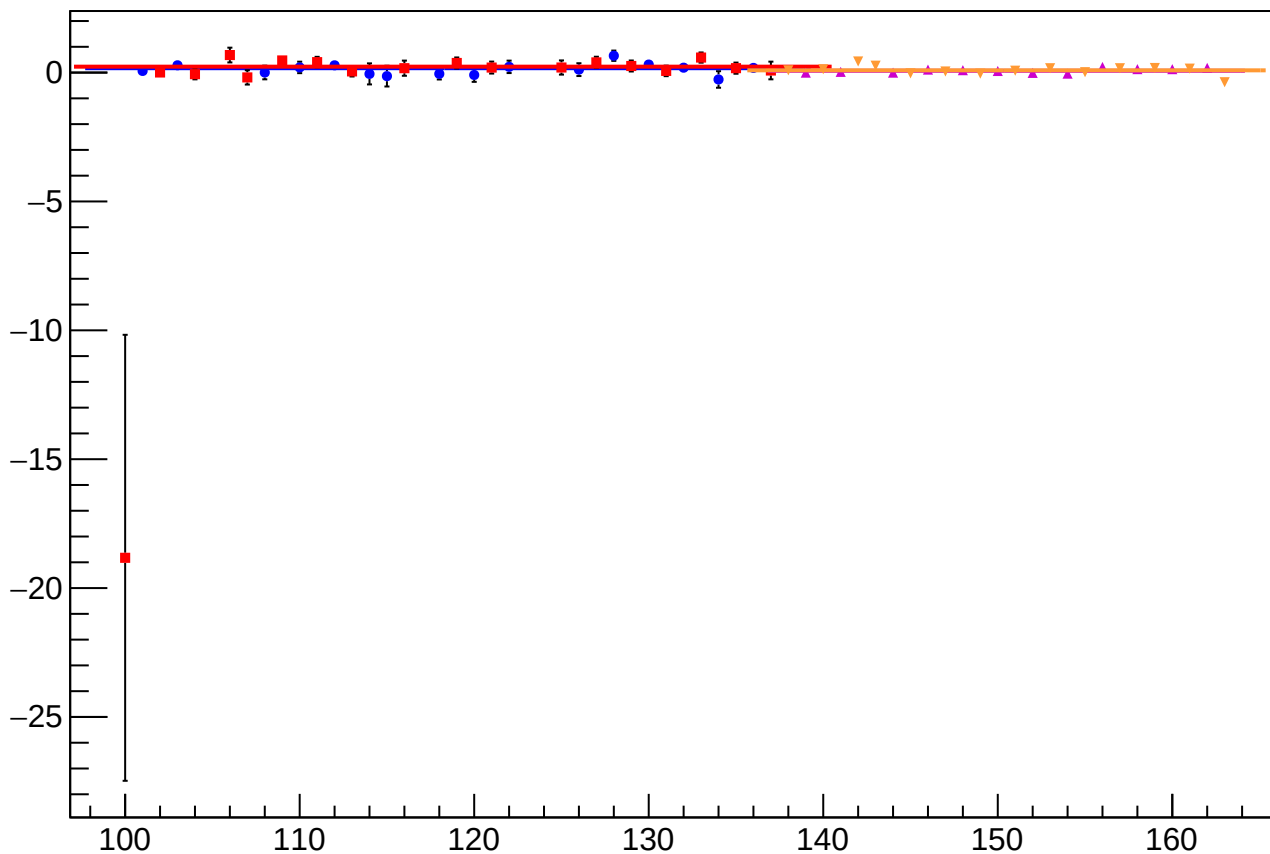
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.026 ± 0.017 χ^2/NDF : 29.7/27

Out: -0.074 ± 0.017 χ^2/NDF : 40.9/31

All: -0.050 ± 0.012 χ^2/NDF : 74.5/59

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 $\pm$ 0.030 χ^2 /NDF:21.7/13

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.069 $\pm$ 0.031 χ^2 /NDF:6.3/11

Left: 0.078 $\pm$ 0.022 χ^2 /NDF: 28.1/25

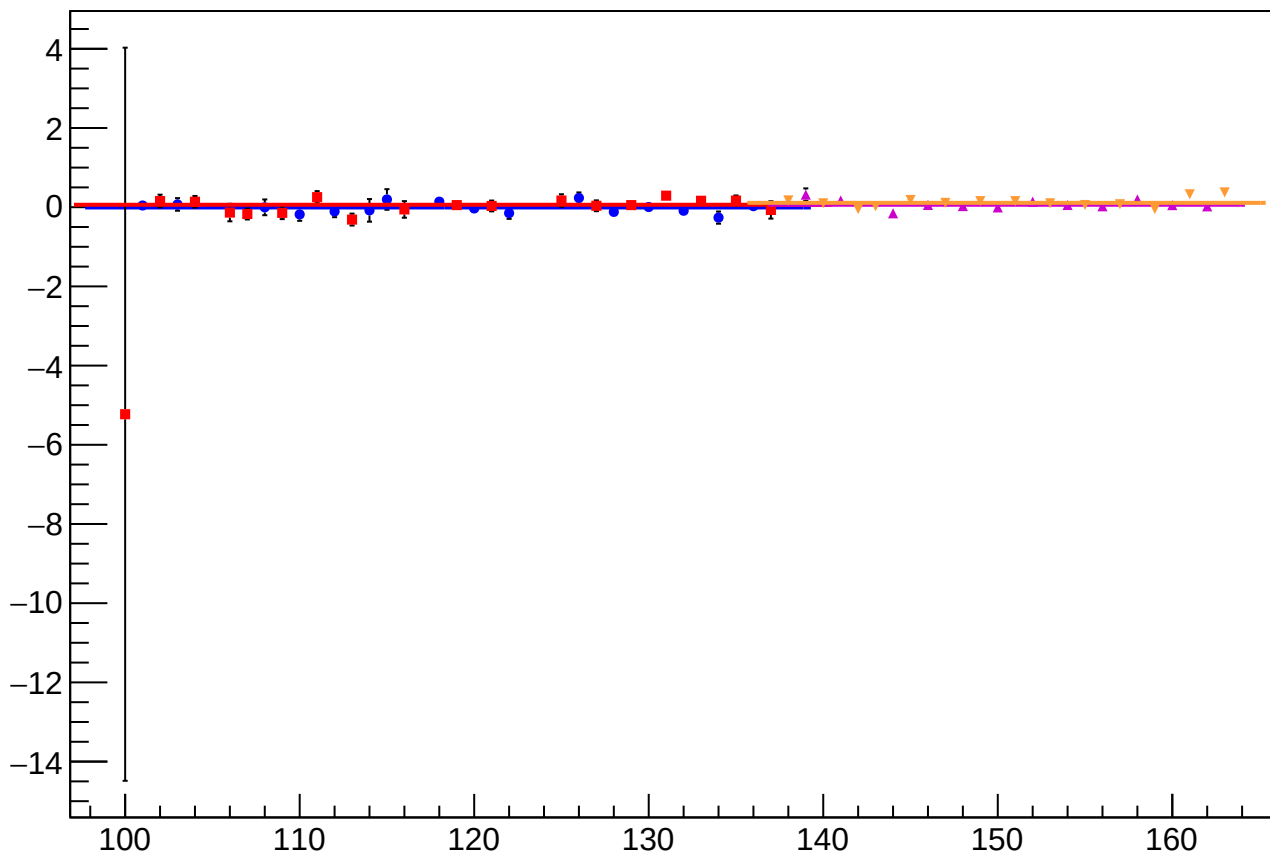
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.095 $\pm$ 0.027 χ^2 /NDF:22.0/27

Out: 0.121 $\pm$ 0.026 χ^2 /NDF:48.6/31

All: 0.108 $\pm$ 0.019 χ^2 /NDF: 71.2/59

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.110 ± 0.025 χ^2/NDF : 15.4/13

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.062 ± 0.026 χ^2/NDF : 14.2/11

Left: 0.087 ± 0.018 χ^2/NDF : 31.3/25

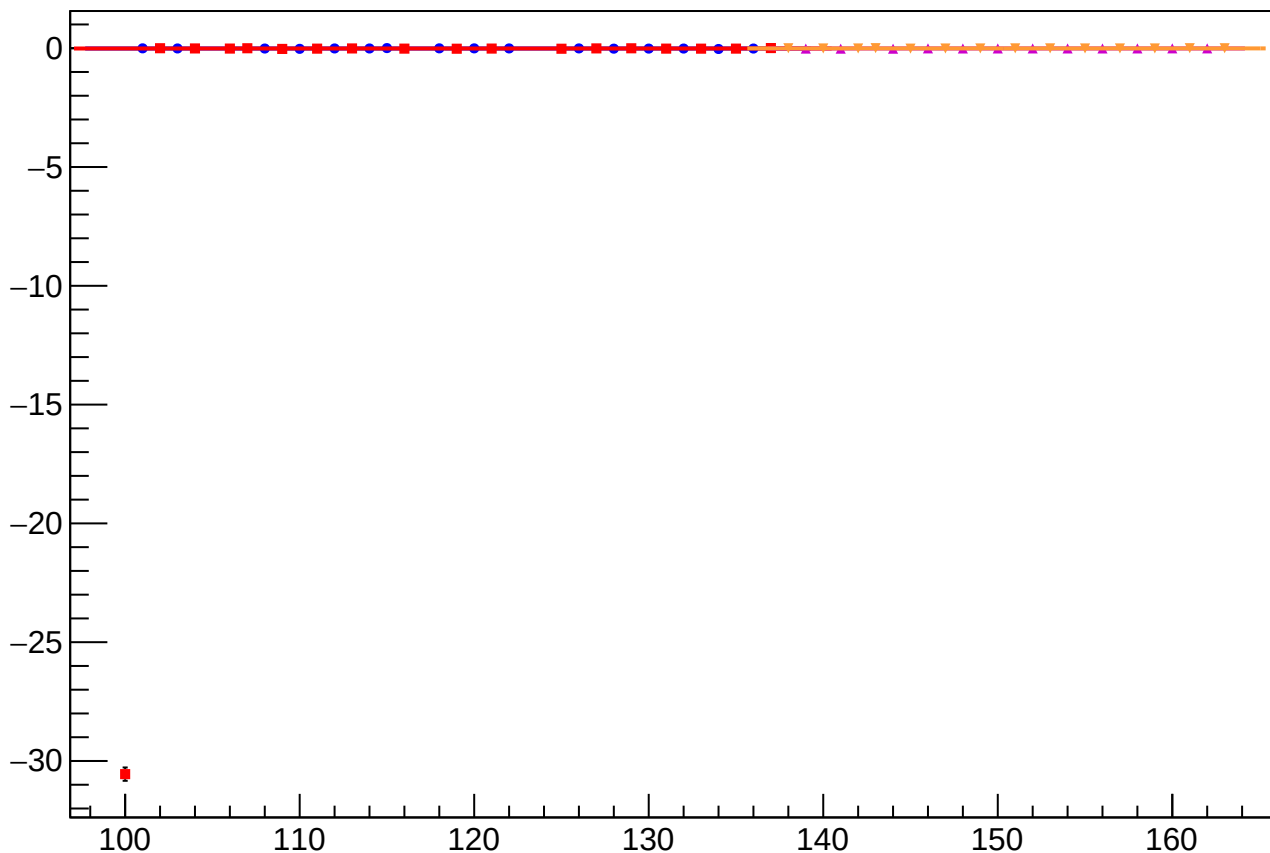
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.035 ± 0.020 χ^2/NDF : 30.0/27

Out: 0.093 ± 0.020 χ^2/NDF : 37.0/31

All: 0.064 ± 0.014 χ^2/NDF : 71.1/59

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.001 χ^2/NDF : 16.5/13

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.011 ± 0.001 χ^2/NDF : 11.9/11

Left: -0.009 ± 0.001 χ^2/NDF : 31.8/25

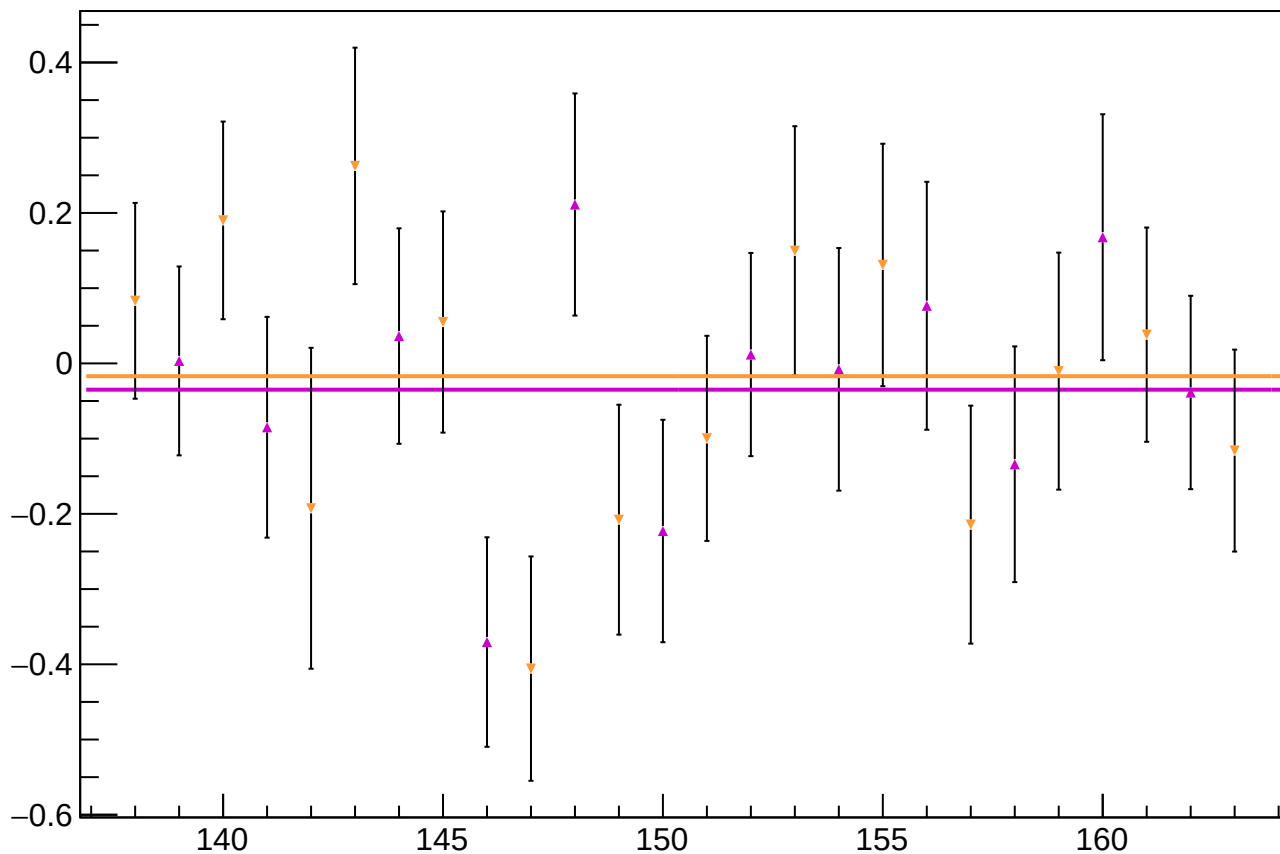
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.011 ± 0.001 χ^2/NDF : 25.0/27

Out: -0.009 ± 0.001 χ^2/NDF : 11911.4/31

All: -0.010 ± 0.001 χ^2/NDF : 11938.7/59

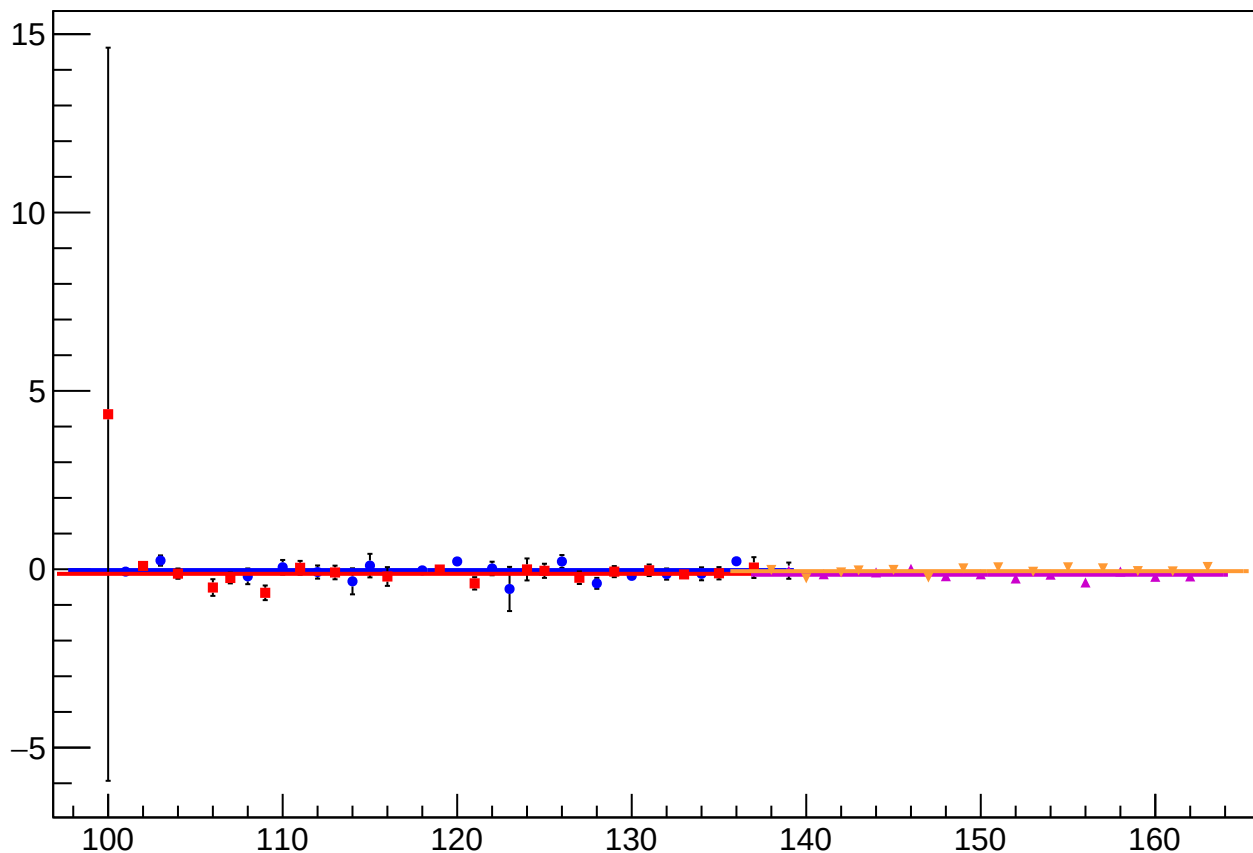
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.017 $\pm$ 0.040 χ^2 /NDF:20.0/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.035 $\pm$ 0.042 χ^2 /NDF:13.2/11

Left: -0.026 $\pm$ 0.029 χ^2 /NDF: 33.3/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.035 $\pm$ 0.042 χ^2 /NDF:13.2/11
 Out: -0.017 $\pm$ 0.040 χ^2 /NDF:20.0/13
 All: -0.026 $\pm$ 0.029 χ^2 /NDF: 33.3/25

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.054 ± 0.028 χ^2/NDF : 15.2/13

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.154 ± 0.029 χ^2/NDF : 10.9/11

Left: -0.101 ± 0.020 χ^2/NDF : 32.4/25

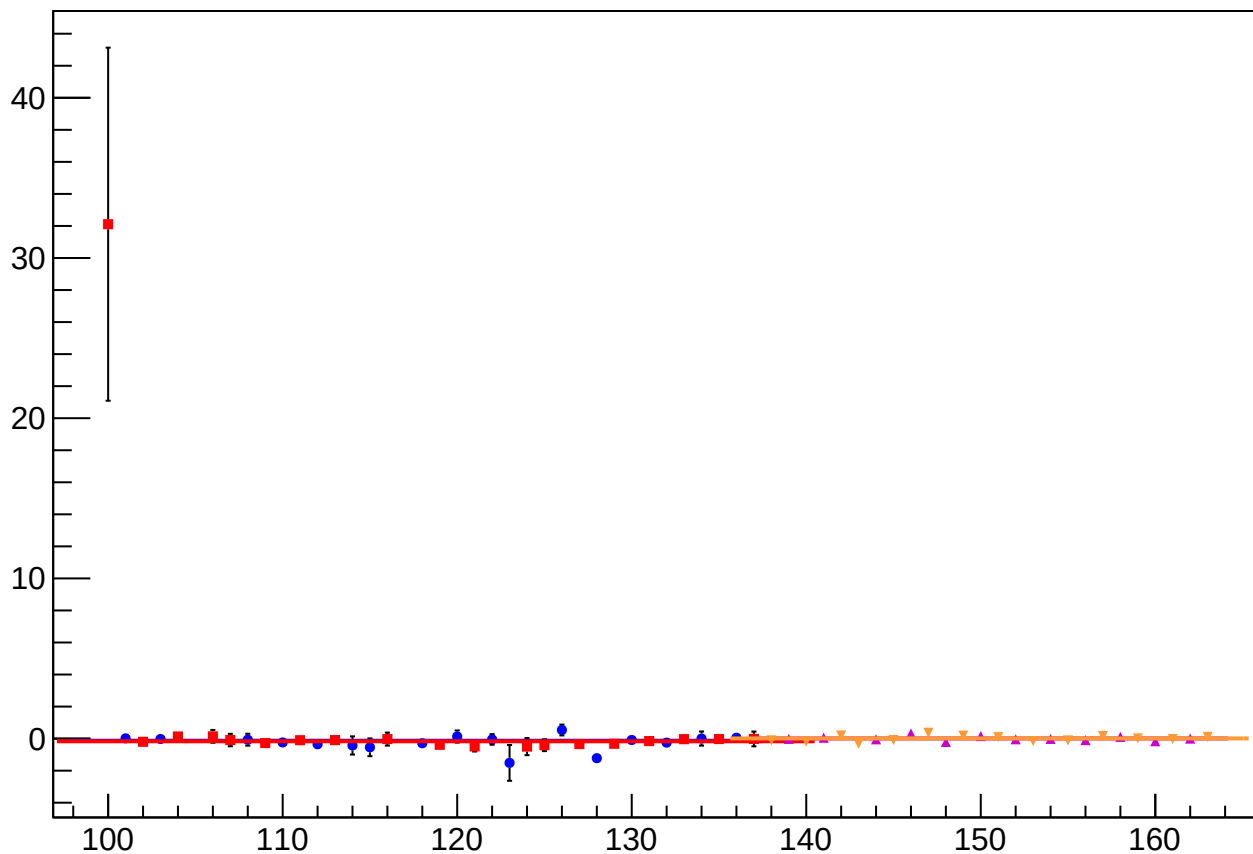
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.103 ± 0.023 χ^2/NDF : 41.2/28

Out: -0.078 ± 0.023 χ^2/NDF : 36.5/32

All: -0.090 ± 0.016 χ^2/NDF : 78.2/61

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: 0.012 ± 0.039 $\chi^2/\text{NDF}: 19.8/13$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.011 ± 0.041 $\chi^2/\text{NDF}: 11.8/11$

Left: 0.012 ± 0.028 $\chi^2/\text{NDF}: 31.6/25$

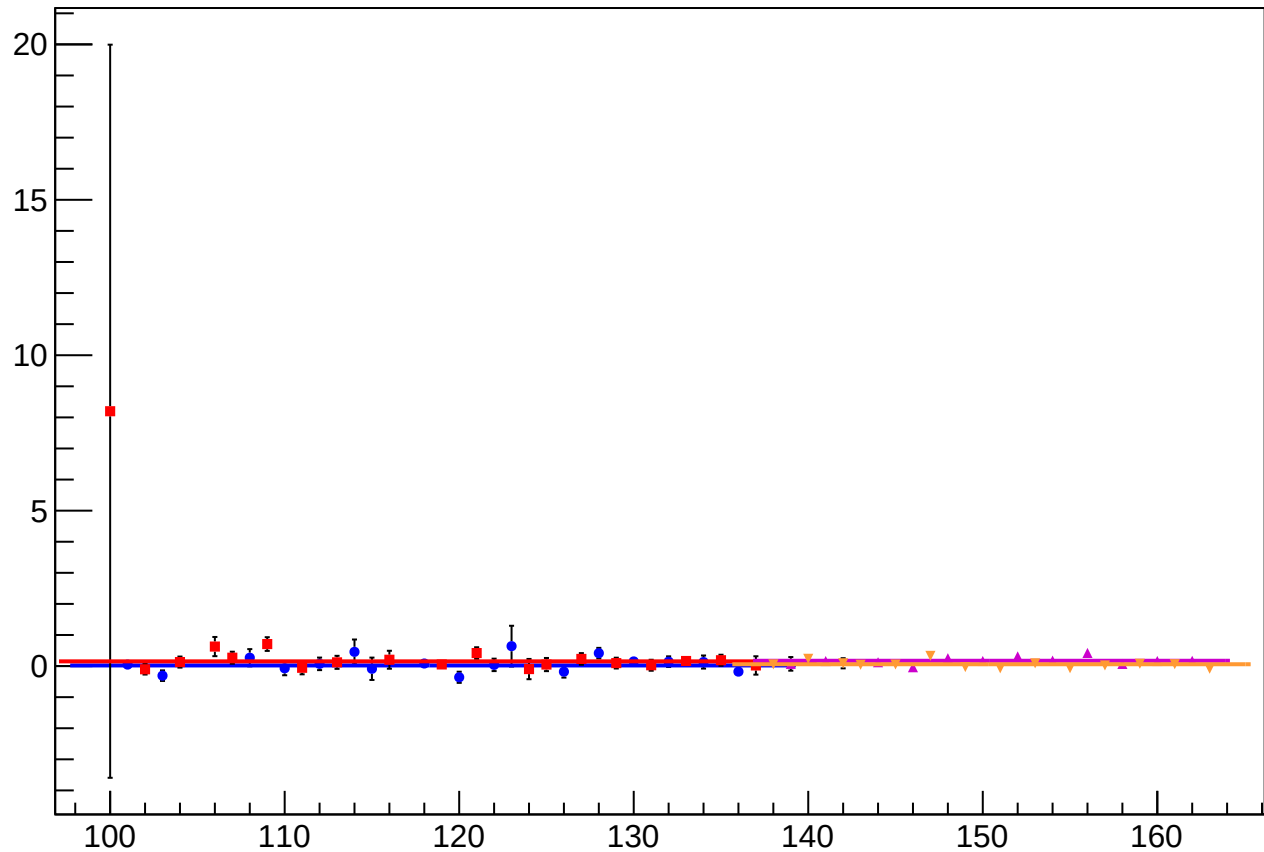
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.028 ± 0.035 $\chi^2/\text{NDF}: 40.9/28$

Out: -0.029 ± 0.034 $\chi^2/\text{NDF}: 39.3/32$

All: -0.029 ± 0.024 $\chi^2/\text{NDF}: 80.3/61$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.059 $\pm$ 0.032 χ^2 /NDF:14.7/13

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.171 $\pm$ 0.034 χ^2 /NDF:10.9/11

Left: 0.111 $\pm$ 0.024 χ^2 /NDF: 31.1/25

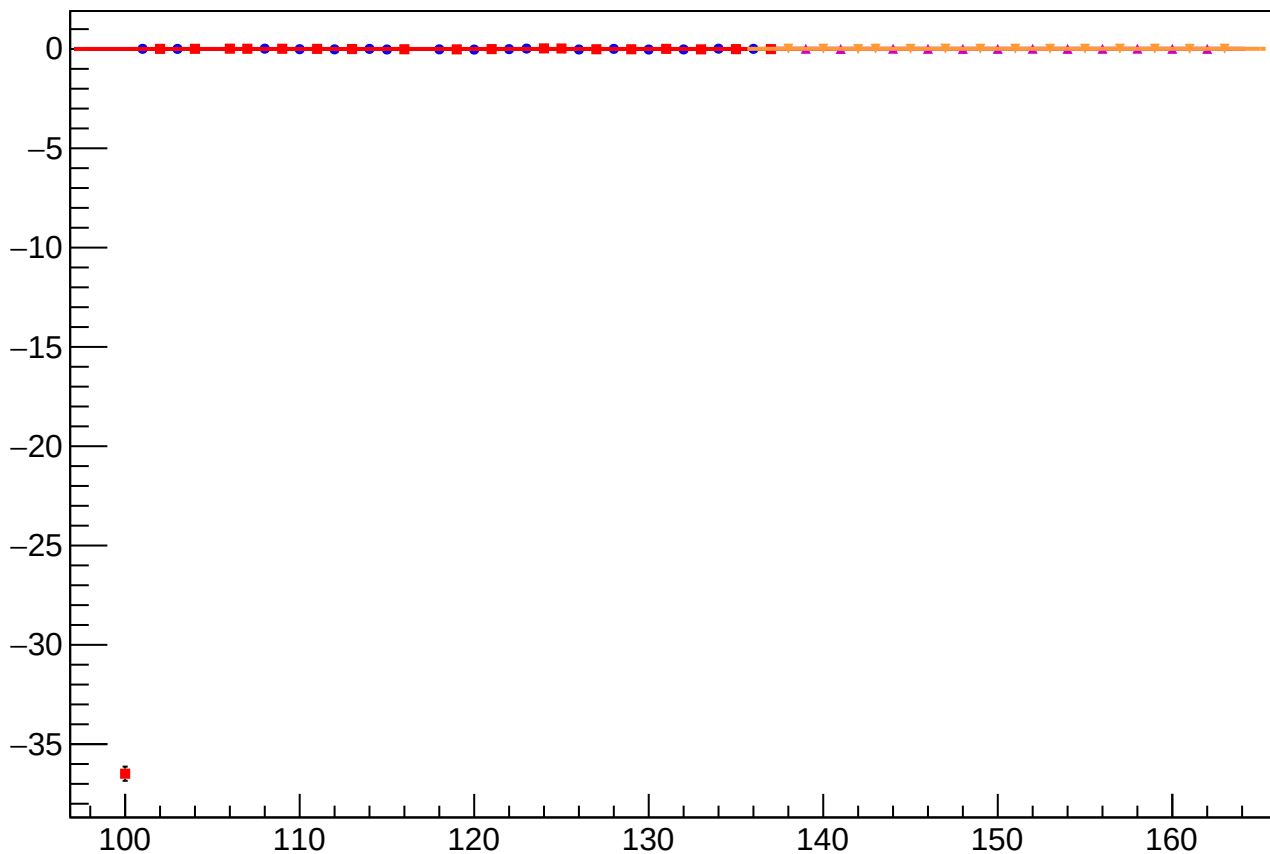
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.110 $\pm$ 0.027 χ^2 /NDF:40.3/28

Out: 0.090 $\pm$ 0.026 χ^2 /NDF:34.7/32

All: 0.100 $\pm$ 0.019 χ^2 /NDF: 75.3/61

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: 0.011 $\pm$ 0.002 χ^2 /NDF: 6.5/13

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.4/11

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 11.9/25

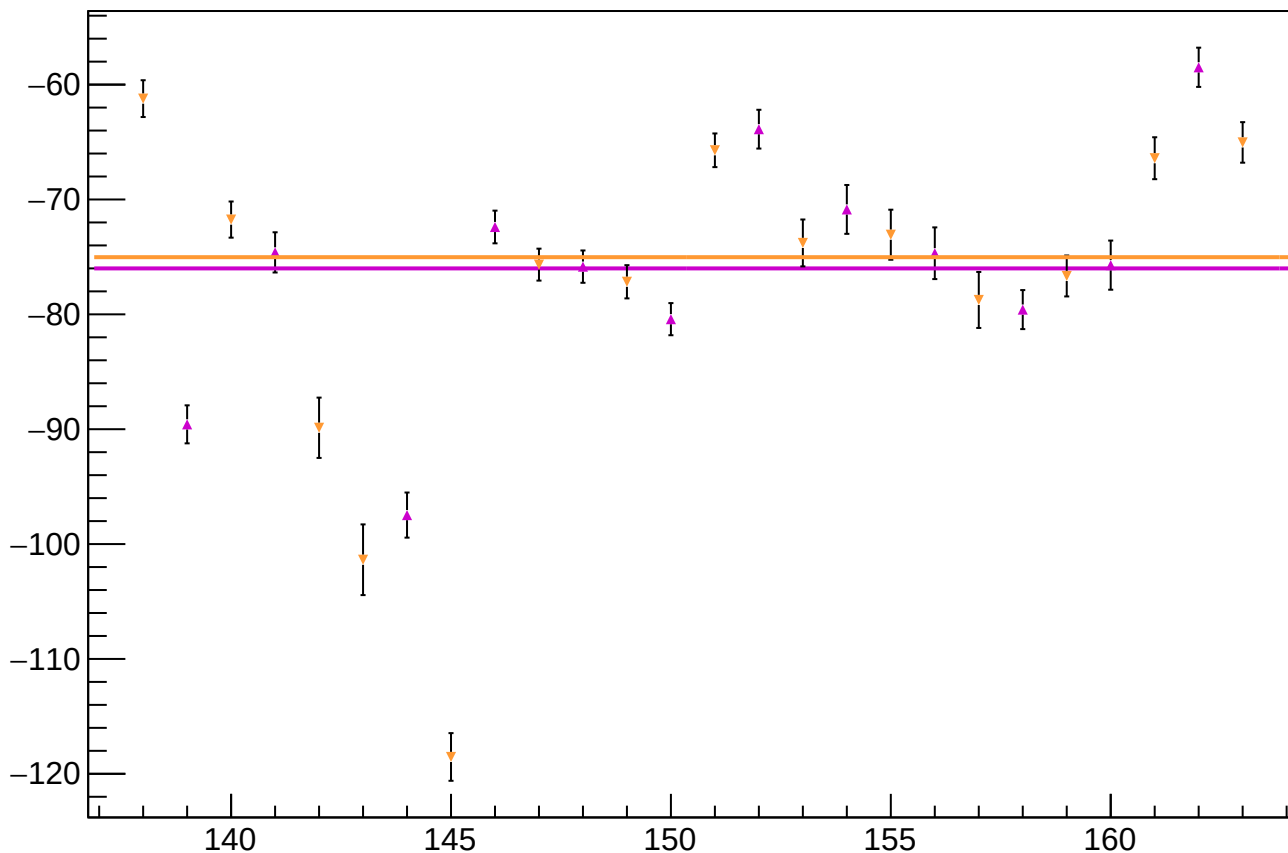
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 50.2/28

Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 10468.7/32

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10518.9/61

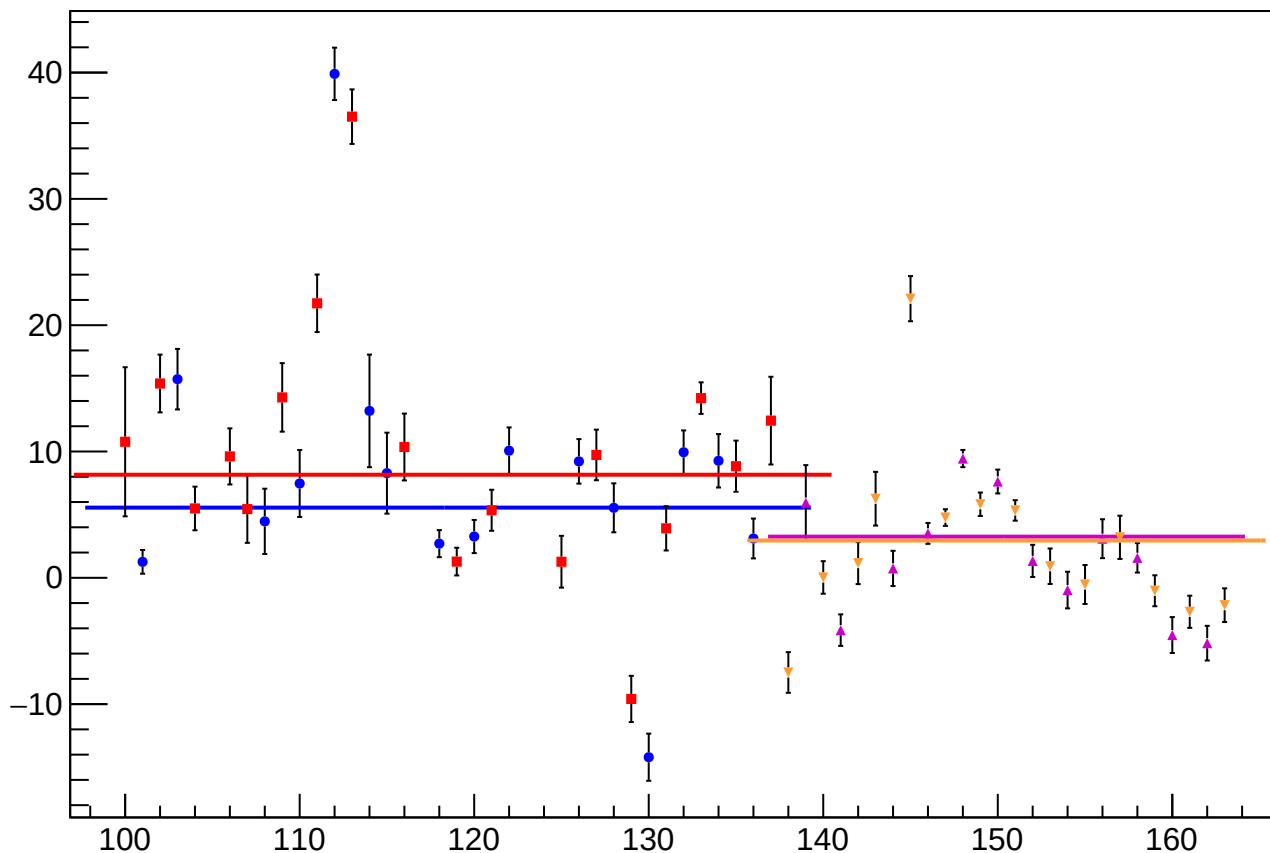
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -75.023 $\pm$ 0.483 χ^2 /NDF:724.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -76.001 $\pm$ 0.492 χ^2 /NDF:371.2/11

Left: -75.503 $\pm$ 0.344 χ^2 /NDF: 1097.9/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -76.001 $\pm$ 0.492 χ^2 /NDF:371.2/11
 Out: -75.023 $\pm$ 0.483 χ^2 /NDF:724.7/13
 All: -75.503 $\pm$ 0.344 χ^2 /NDF: 1097.9/25

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: 2.954 ± 0.316 $\chi^2/\text{NDF}: 243.4/13$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 3.259 ± 0.328 $\chi^2/\text{NDF}: 223.5/11$

Left: 3.101 ± 0.228 $\chi^2/\text{NDF}: 467.3/25$

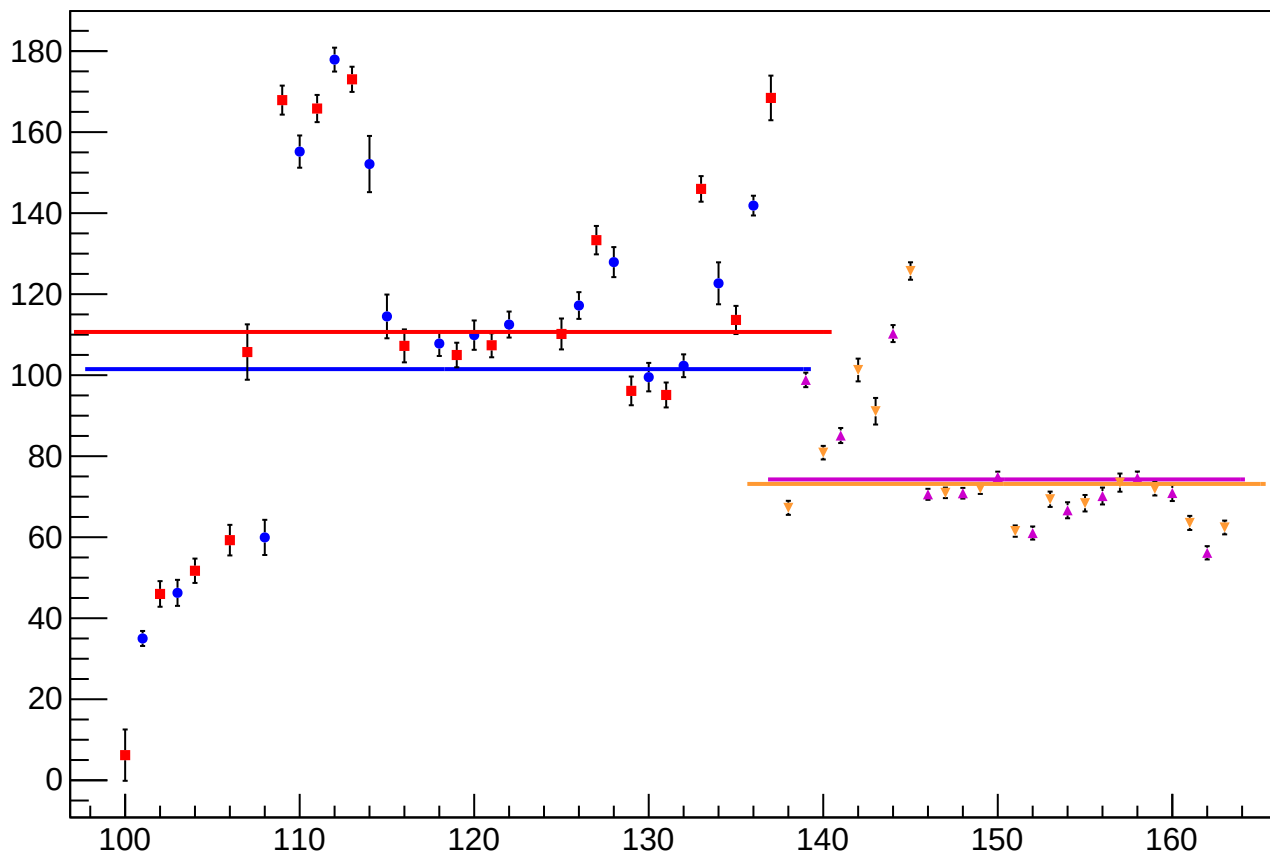
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.120 ± 0.260 $\chi^2/\text{NDF}: 703.9/27$

Out: 4.662 ± 0.259 $\chi^2/\text{NDF}: 739.2/31$

All: 4.391 ± 0.184 $\chi^2/\text{NDF}: 1445.2/59$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 73.703 $\pm$ 0.334 χ^2/NDF : 1654.1/25

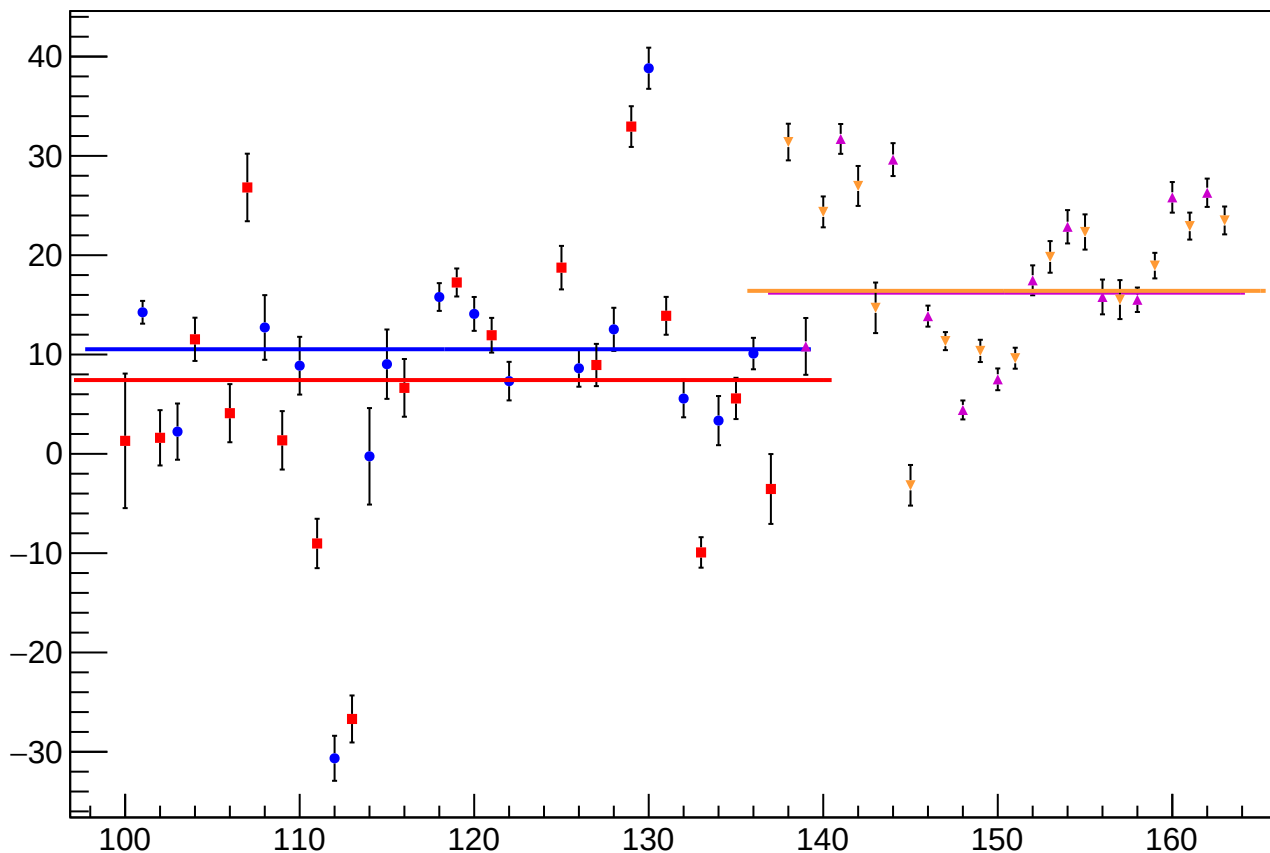
Right: 105.929 $\pm$ 0.581 χ^2/NDF : 5549.0/33

In: 81.266 $\pm$ 0.410 χ^2/NDF : 4556.0/27

Out: 82.154 $\pm$ 0.409 χ^2/NDF : 4956.5/31

All: 81.710 $\pm$ 0.290 χ^2/NDF : 9514.9/59

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: 16.411 $\pm$ 0.381 χ^2 /NDF: 381.4/13

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 16.227 $\pm$ 0.394 χ^2 /NDF: 502.2/11

Left: 16.322 $\pm$ 0.274 χ^2 /NDF: 883.7/25

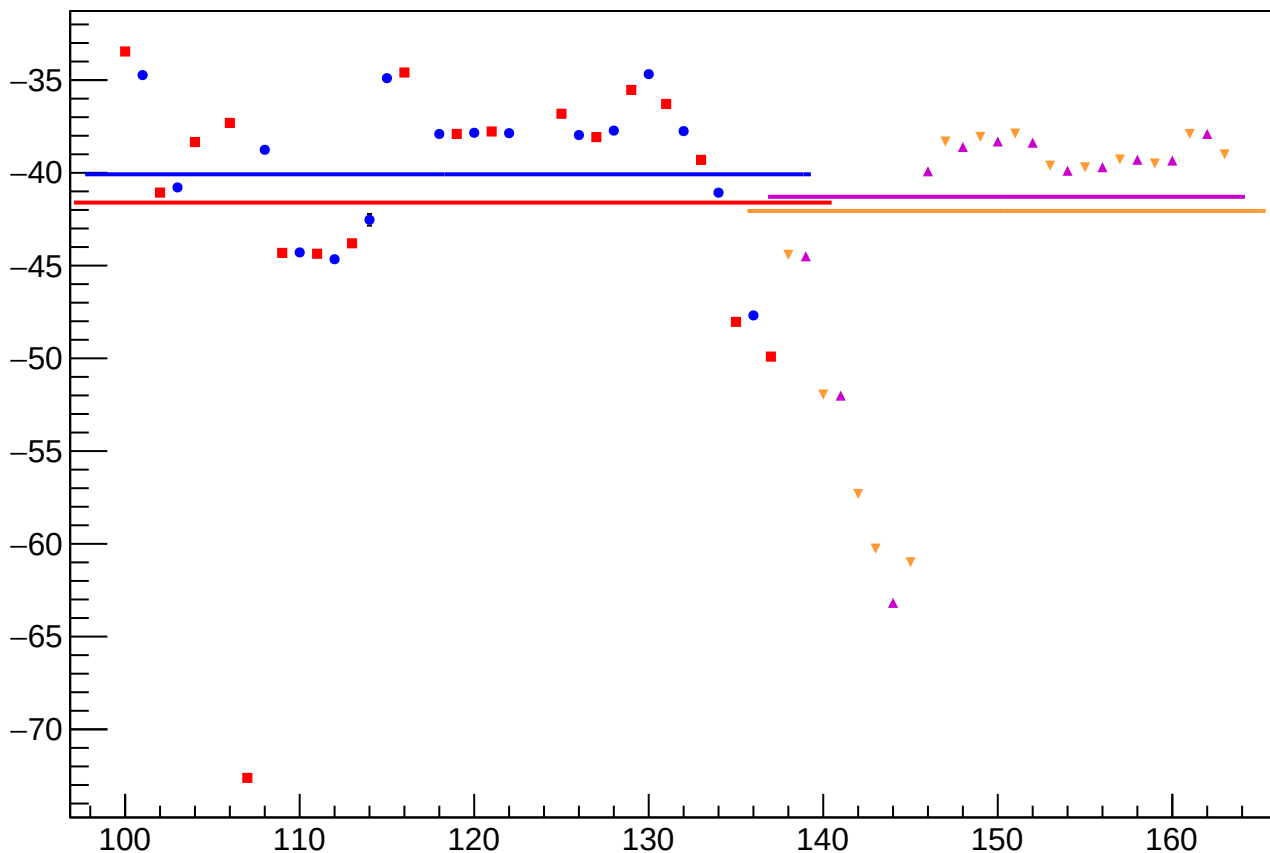
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.009 $\pm$ 0.308 χ^2 /NDF: 1164.0/27

Out: 13.298 $\pm$ 0.308 χ^2 /NDF: 1259.6/31

All: 13.654 $\pm$ 0.218 χ^2 /NDF: 2426.2/59

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: -42.055 ± 0.019 χ^2/NDF : 130820.1/13

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -41.292 ± 0.019 χ^2/NDF : 92615.7/11

Left: -41.674 ± 0.013 χ^2/NDF : 224262.8/25

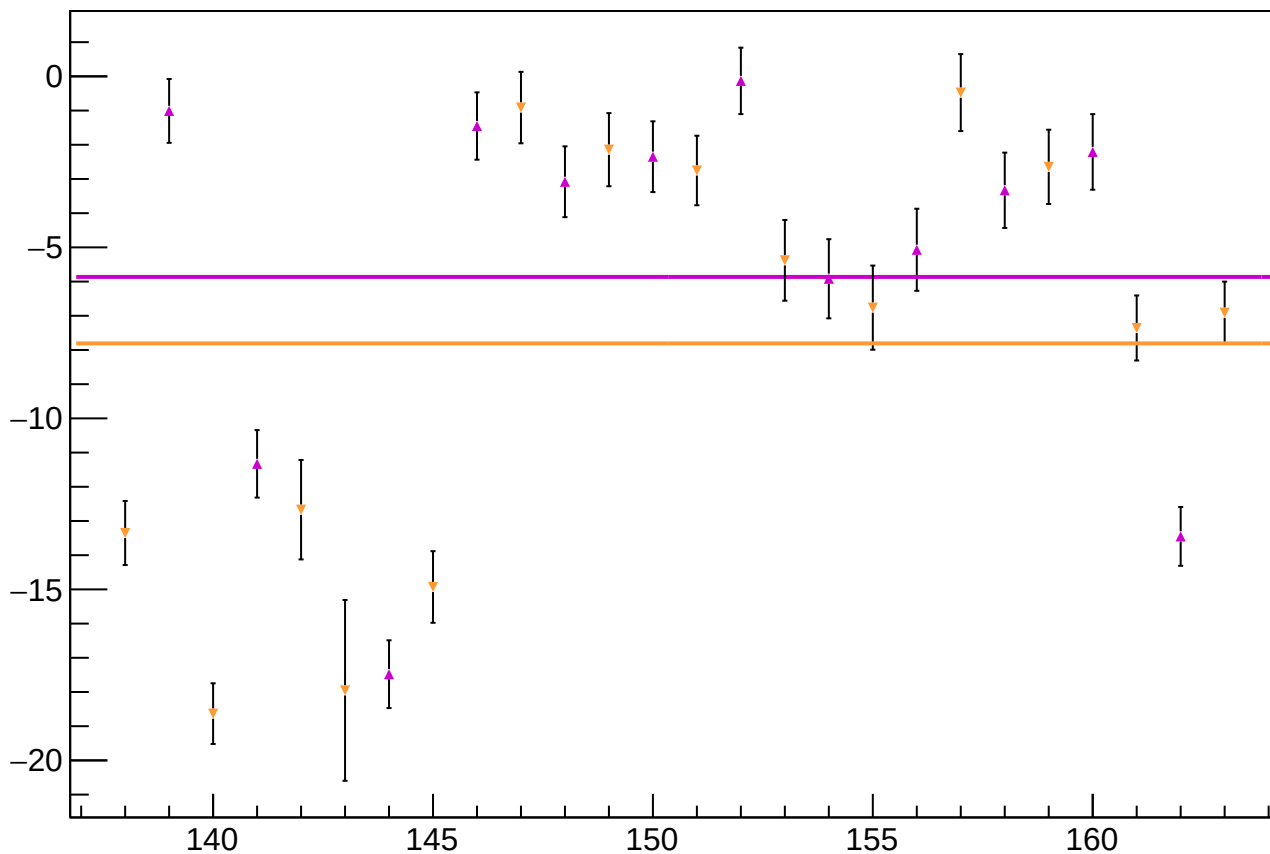
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.919 ± 0.016 χ^2/NDF : 119043.5/27

Out: -41.919 ± 0.016 χ^2/NDF : 192852.1/31

All: -41.418 ± 0.011 χ^2/NDF : 313932.0/59

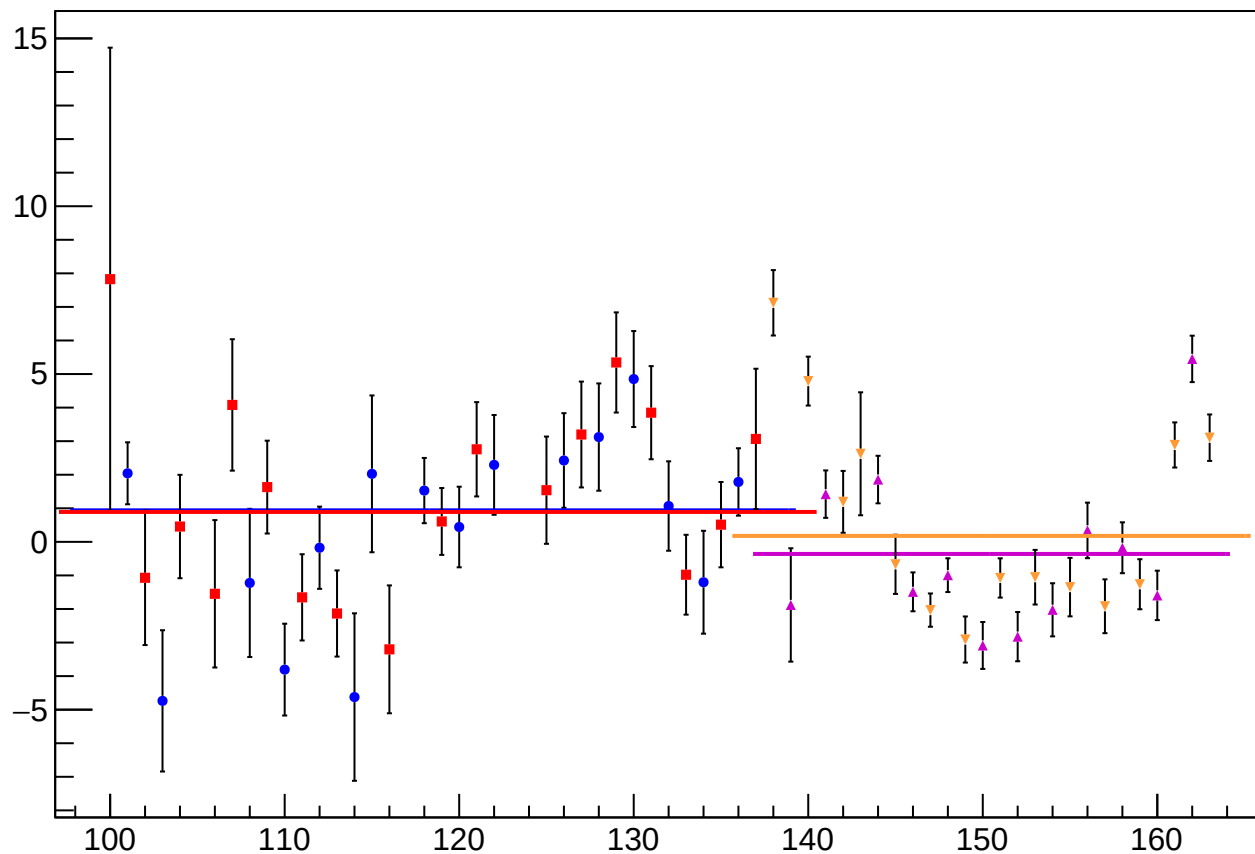
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.807+/-0.288 χ^2/NDF :424.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.864+/-0.294 χ^2/NDF :363.3/11

Left: -6.854+/-0.206 χ^2/NDF : 809.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.864+/-0.294 χ^2/NDF :363.3/11
 Out: -7.807+/-0.288 χ^2/NDF :424.0/13
 All: -6.854+/-0.206 χ^2/NDF : 809.5/25

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 0.178 ± 0.199 $\chi^2/\text{NDF}: 189.5/13$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.360 ± 0.204 $\chi^2/\text{NDF}: 127.4/11$

Left: -0.084 ± 0.143 $\chi^2/\text{NDF}: 320.5/25$

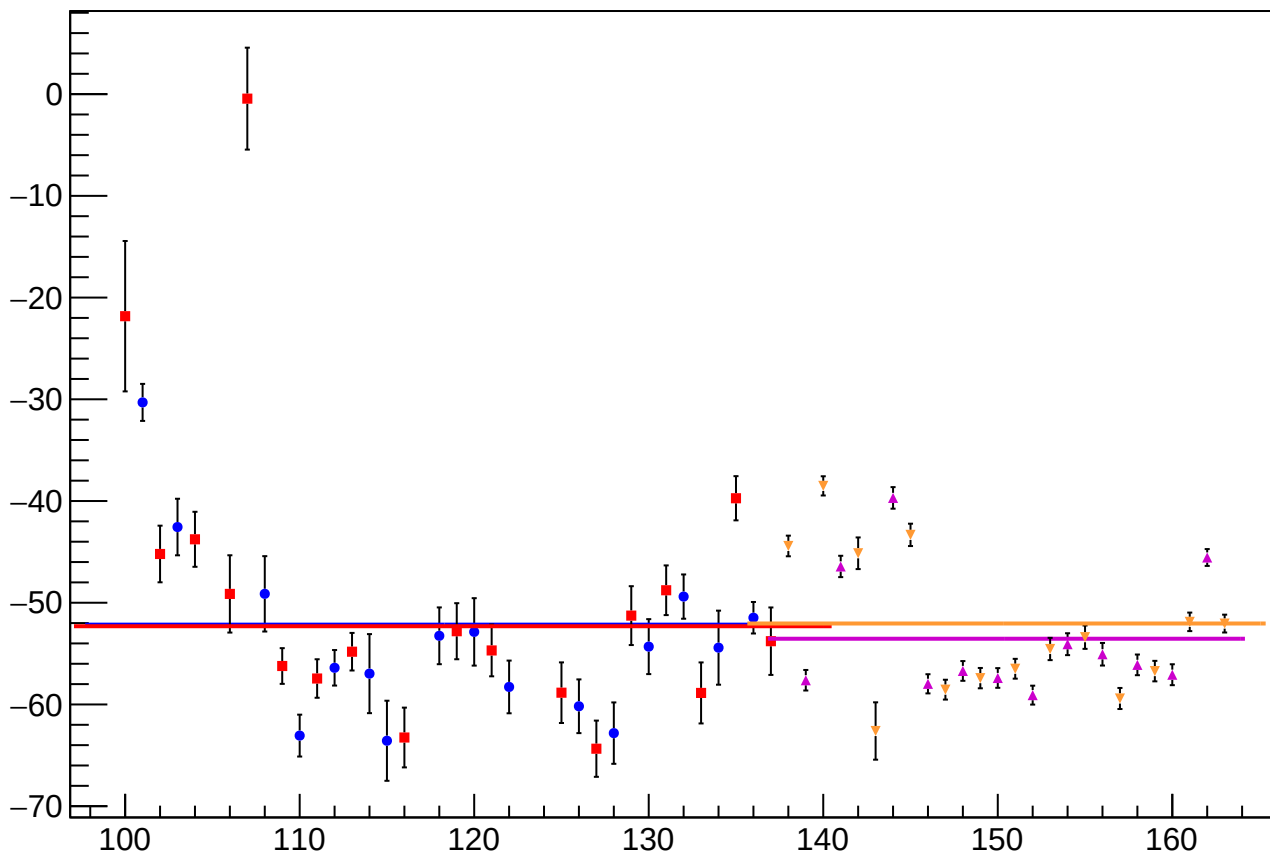
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.013 ± 0.175 $\chi^2/\text{NDF}: 180.4/27$

Out: 0.349 ± 0.173 $\chi^2/\text{NDF}: 234.1/31$

All: 0.170 ± 0.123 $\chi^2/\text{NDF}: 416.7/59$

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: -52.041 ± 0.282 χ^2/NDF : 531.3/13

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -53.539 ± 0.286 χ^2/NDF : 430.3/11

Left: -52.780 ± 0.201 χ^2/NDF : 975.6/25

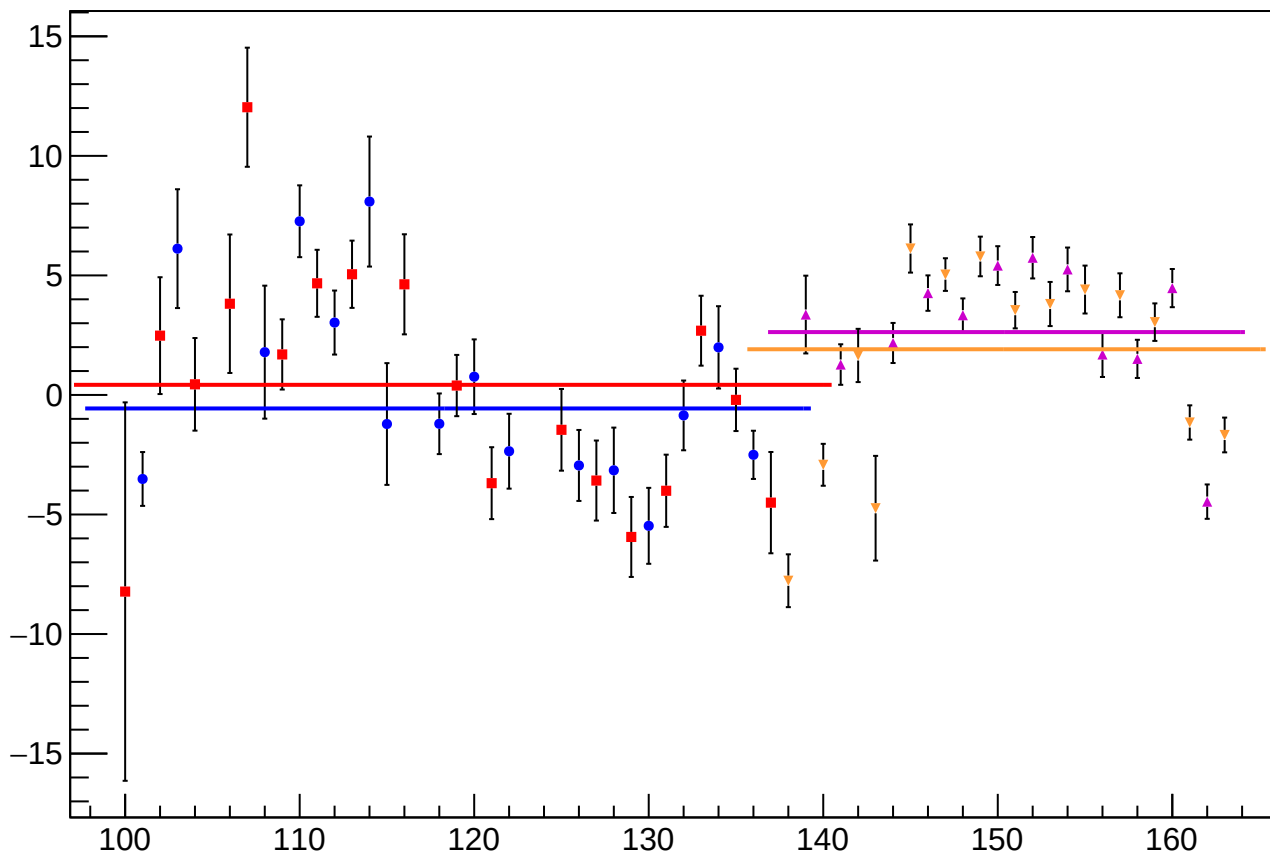
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -53.292 ± 0.259 χ^2/NDF : 665.6/27

Out: -52.088 ± 0.256 χ^2/NDF : 766.3/31

All: -52.683 ± 0.182 χ^2/NDF : 1442.8/59

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: 1.911 ± 0.234 χ^2/NDF : 242.5/13

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 2.629 ± 0.241 χ^2/NDF : 147.3/11

Left: 2.260 ± 0.168 χ^2/NDF : 394.4/25

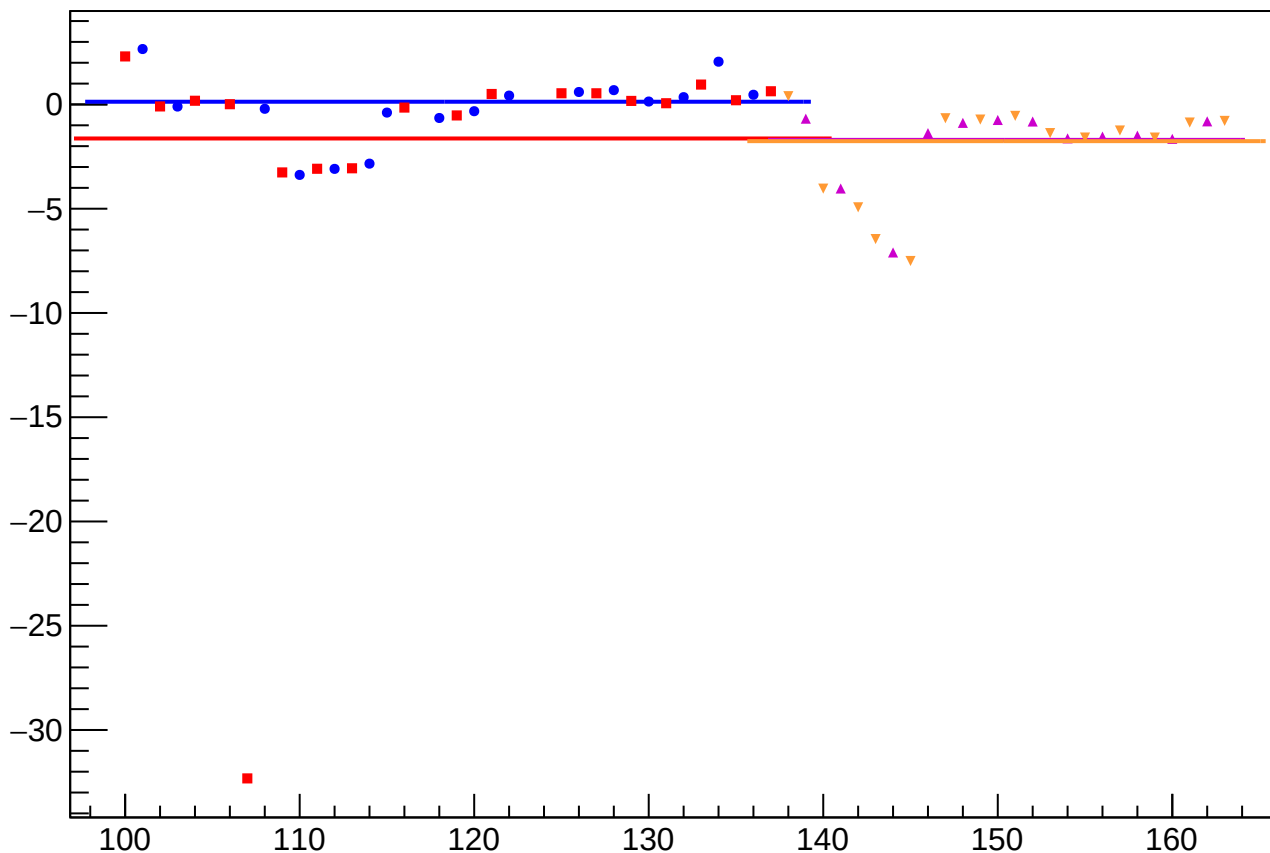
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.731 ± 0.204 χ^2/NDF : 278.8/27

Out: 1.531 ± 0.202 χ^2/NDF : 348.1/31

All: 1.630 ± 0.143 χ^2/NDF : 627.4/59

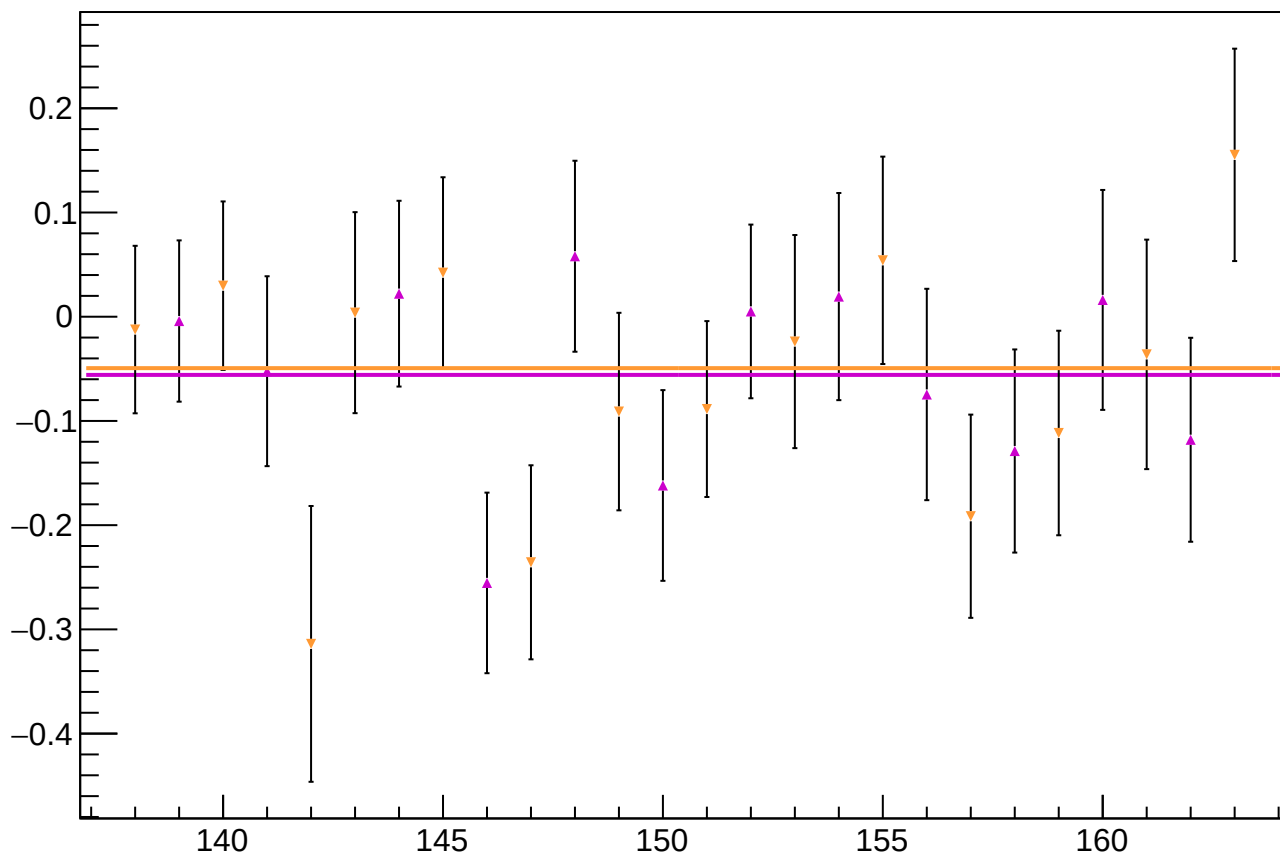
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.760 ± 0.011 $\chi^2/\text{NDF}: 31833.7/13$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.699 ± 0.011 $\chi^2/\text{NDF}: 19771.0/11$

Left: -1.730 ± 0.008 $\chi^2/\text{NDF}: 51619.9/25$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.312 ± 0.010 $\chi^2/\text{NDF}: 30705.2/27$
 Out: -1.734 ± 0.010 $\chi^2/\text{NDF}: 109735.5/31$
 All: -1.524 ± 0.007 $\chi^2/\text{NDF}: 141353.4/59$

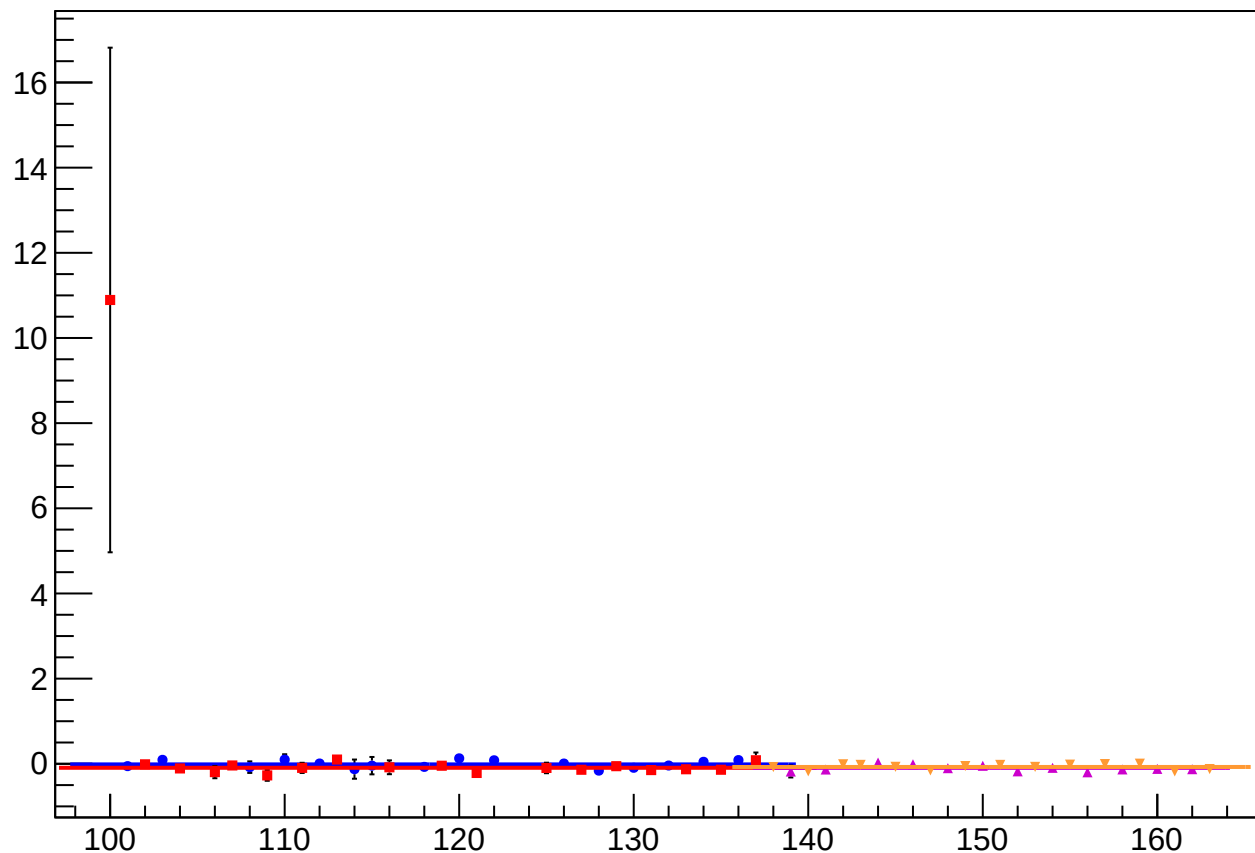
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.049 $\pm$ 0.025 χ^2 /NDF:18.6/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.056 $\pm$ 0.026 χ^2 /NDF:12.0/11

Left: -0.052 $\pm$ 0.018 χ^2 /NDF: 30.6/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.056 $\pm$ 0.026 χ^2 /NDF:12.0/11
 Out: -0.049 $\pm$ 0.025 χ^2 /NDF:18.6/13
 All: -0.052 $\pm$ 0.018 χ^2 /NDF: 30.6/25

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: -0.074 ± 0.018 χ^2/NDF : 13.0/13

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.096 ± 0.018 χ^2/NDF : 12.2/11

Left: -0.084 ± 0.013 χ^2/NDF : 25.9/25

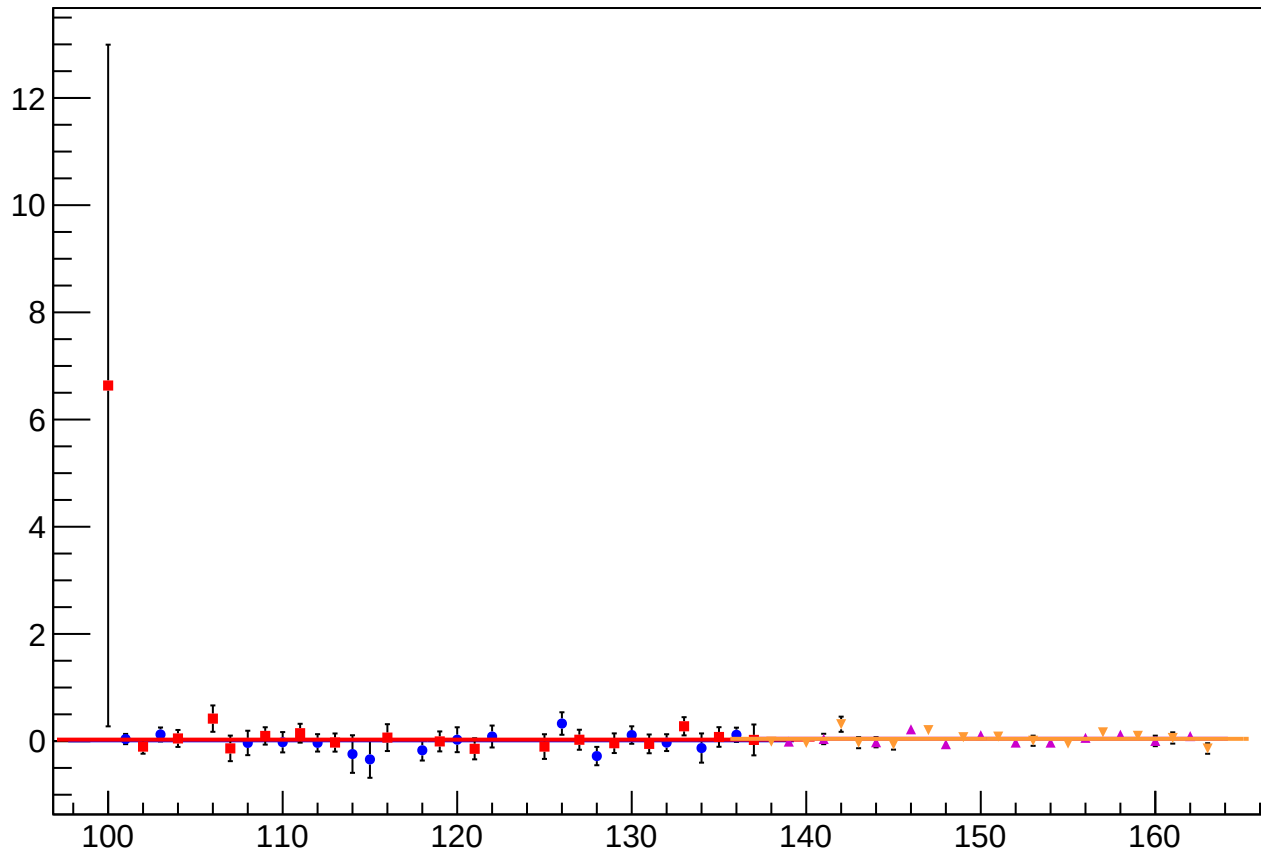
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.064 ± 0.014 χ^2/NDF : 32.2/27

Out: -0.081 ± 0.014 χ^2/NDF : 26.9/31

All: -0.073 ± 0.010 χ^2/NDF : 59.8/59

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: 0.043 $\pm$ 0.025 χ^2 /NDF:17.0/13

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.044 $\pm$ 0.026 χ^2 /NDF:9.9/11

Left: 0.043 $\pm$ 0.018 χ^2 /NDF: 27.0/25

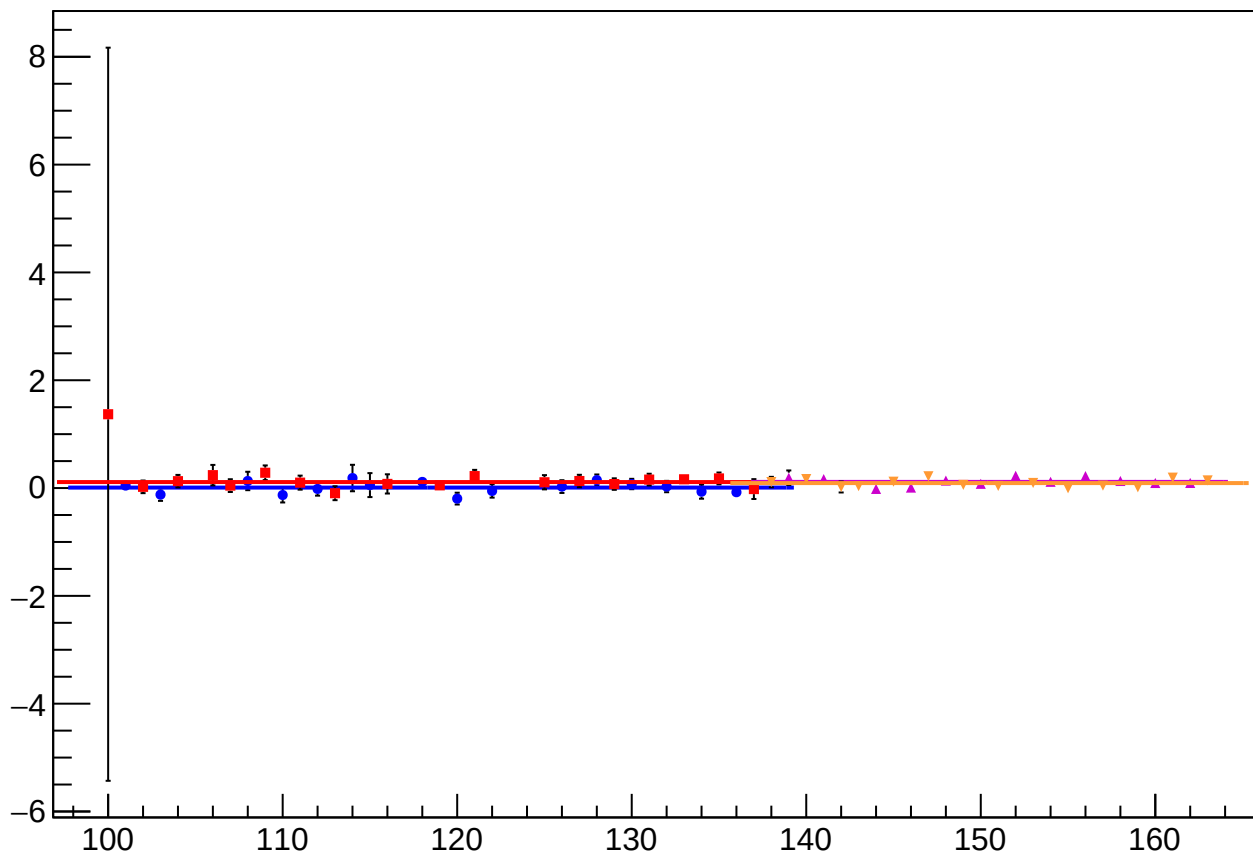
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.036 $\pm$ 0.022 χ^2 /NDF:20.4/27

Out: 0.039 $\pm$ 0.022 χ^2 /NDF:26.6/31

All: 0.038 $\pm$ 0.016 χ^2 /NDF: 47.0/59

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.092 $\pm$ 0.021 χ^2 /NDF:12.0/13

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.114 $\pm$ 0.022 χ^2 /NDF:11.1/11

Left: 0.103 $\pm$ 0.015 χ^2 /NDF: 23.6/25

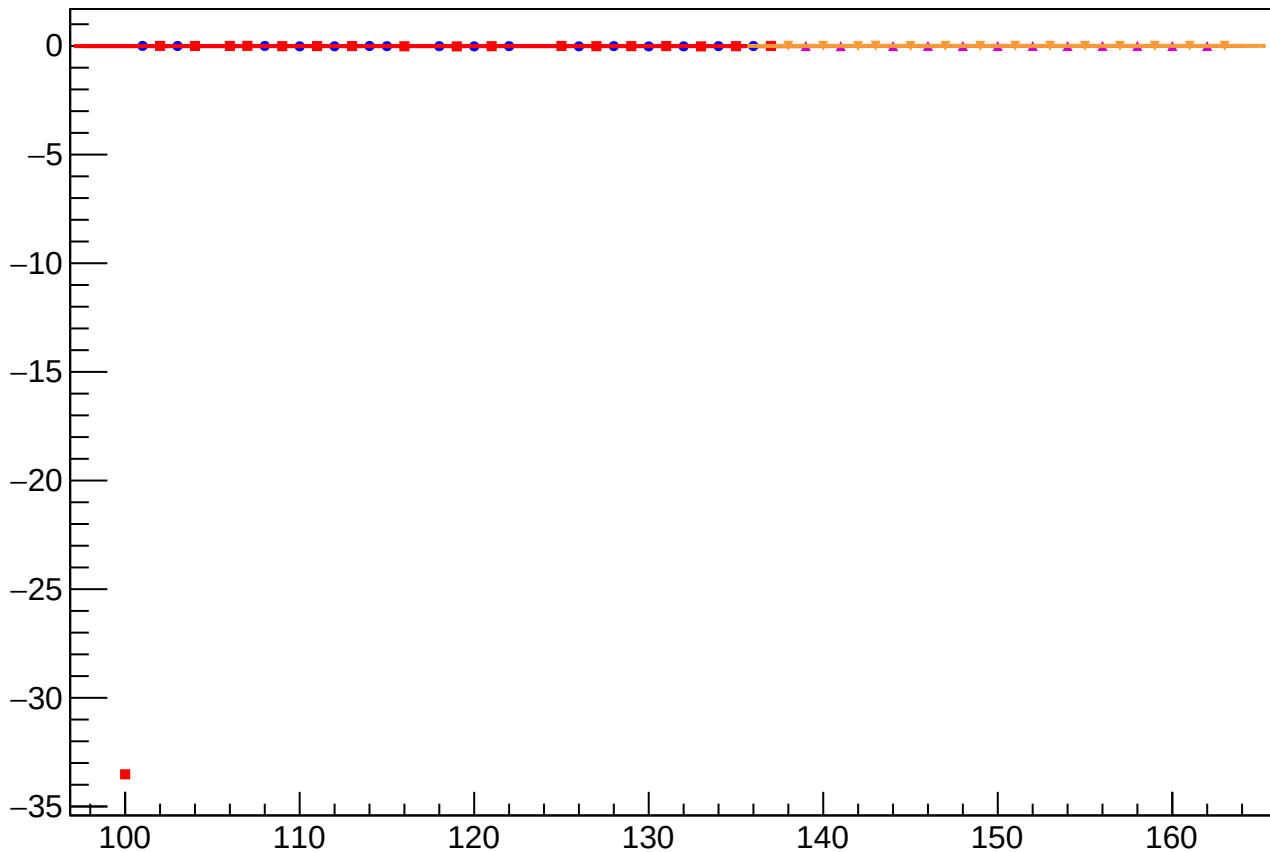
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.072 $\pm$ 0.017 χ^2 /NDF:32.9/27

Out: 0.099 $\pm$ 0.017 χ^2 /NDF:21.0/31

All: 0.086 $\pm$ 0.012 χ^2 /NDF: 55.1/59

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.002 ± 0.001 χ^2/NDF : 10.1/13

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/11

Left: 0.001 ± 0.001 χ^2/NDF : 18.8/25

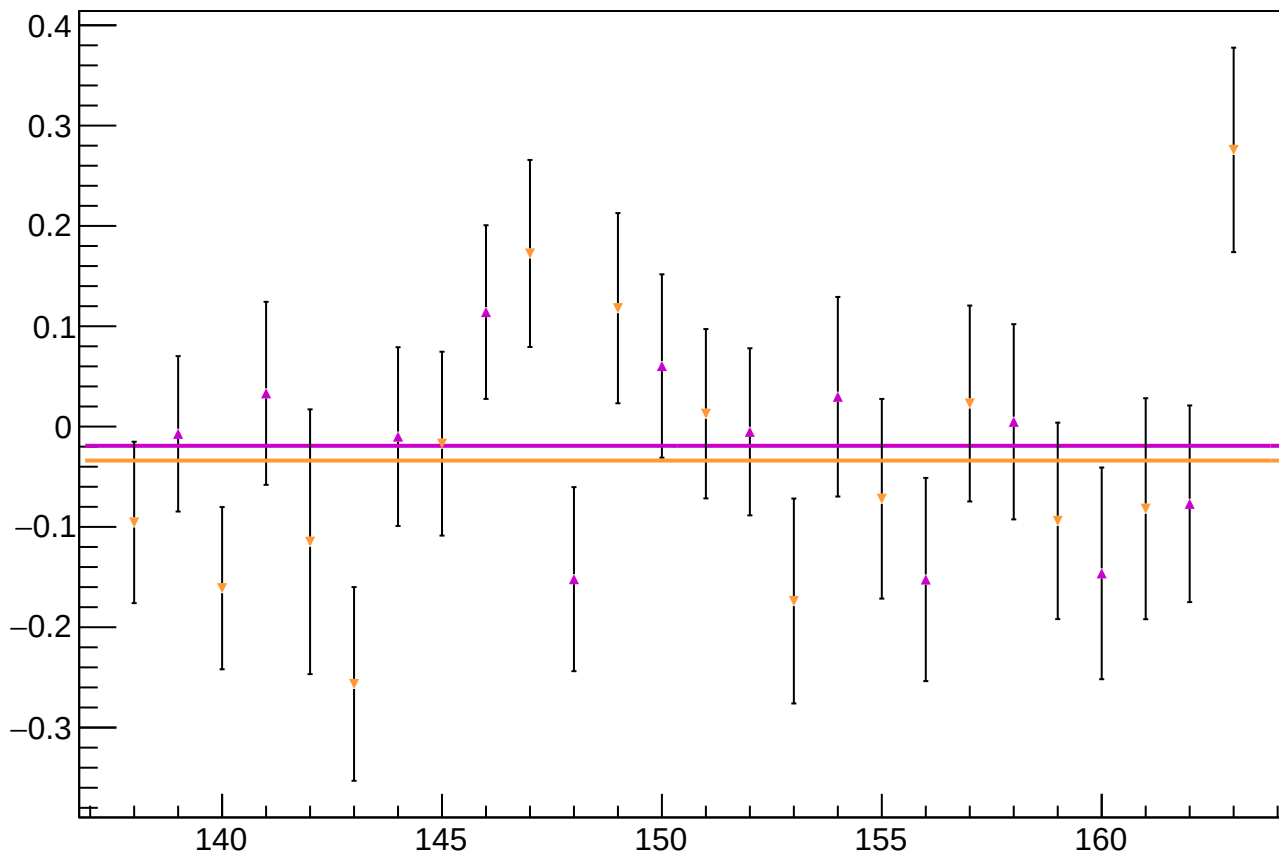
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 40.1/27

Out: -0.001 ± 0.001 χ^2/NDF : 26538.3/31

All: -0.001 ± 0.001 χ^2/NDF : 26579.2/59

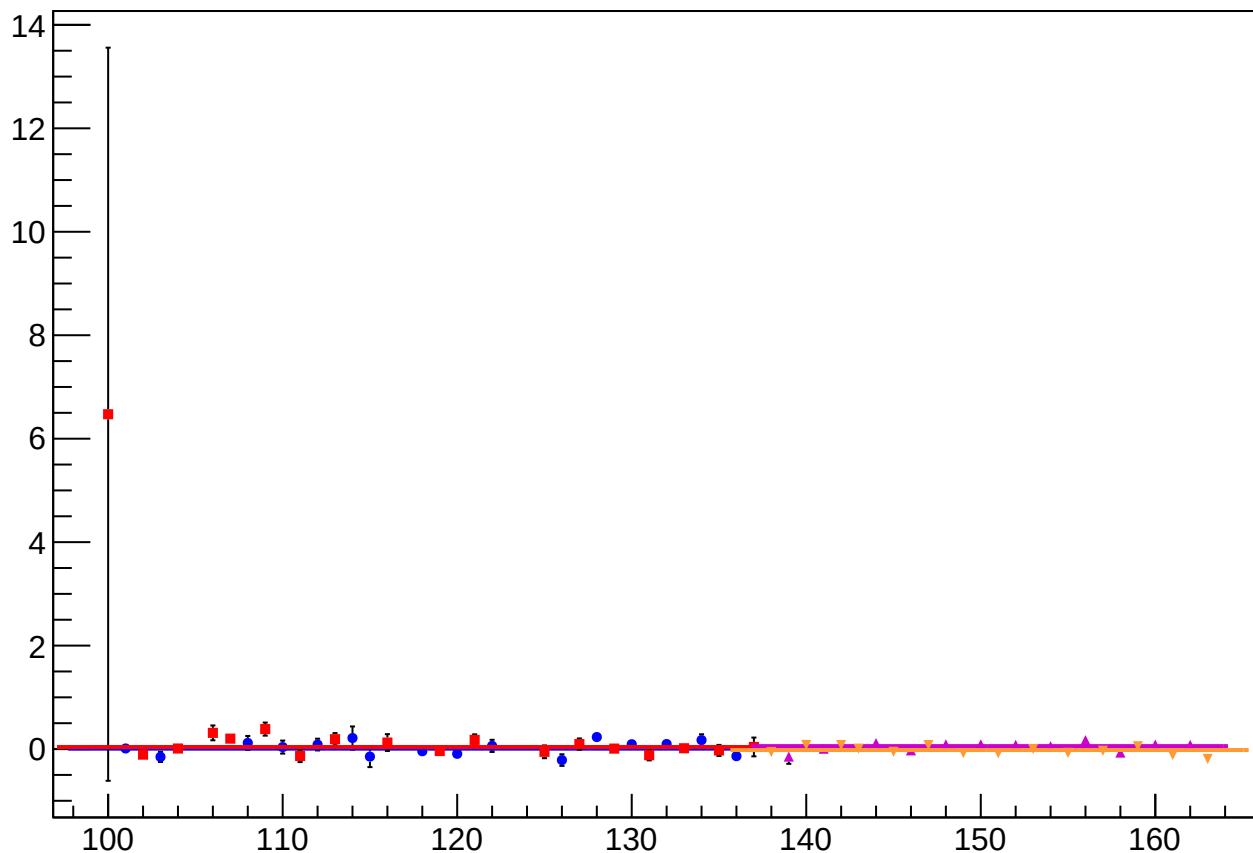
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.034 $\pm$ 0.025 χ^2 /NDF:28.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11

Left: -0.027 $\pm$ 0.018 χ^2 /NDF: 38.3/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.019 $\pm$ 0.026 χ^2 /NDF:9.5/11
 Out: -0.034 $\pm$ 0.025 χ^2 /NDF:28.7/13
 All: -0.027 $\pm$ 0.018 χ^2 /NDF: 38.3/25

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.019 $\pm$ 0.018 χ^2 /NDF:19.5/13

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.057 $\pm$ 0.018 χ^2 /NDF:13.6/11

Left: 0.017 $\pm$ 0.013 χ^2 /NDF: 42.0/25

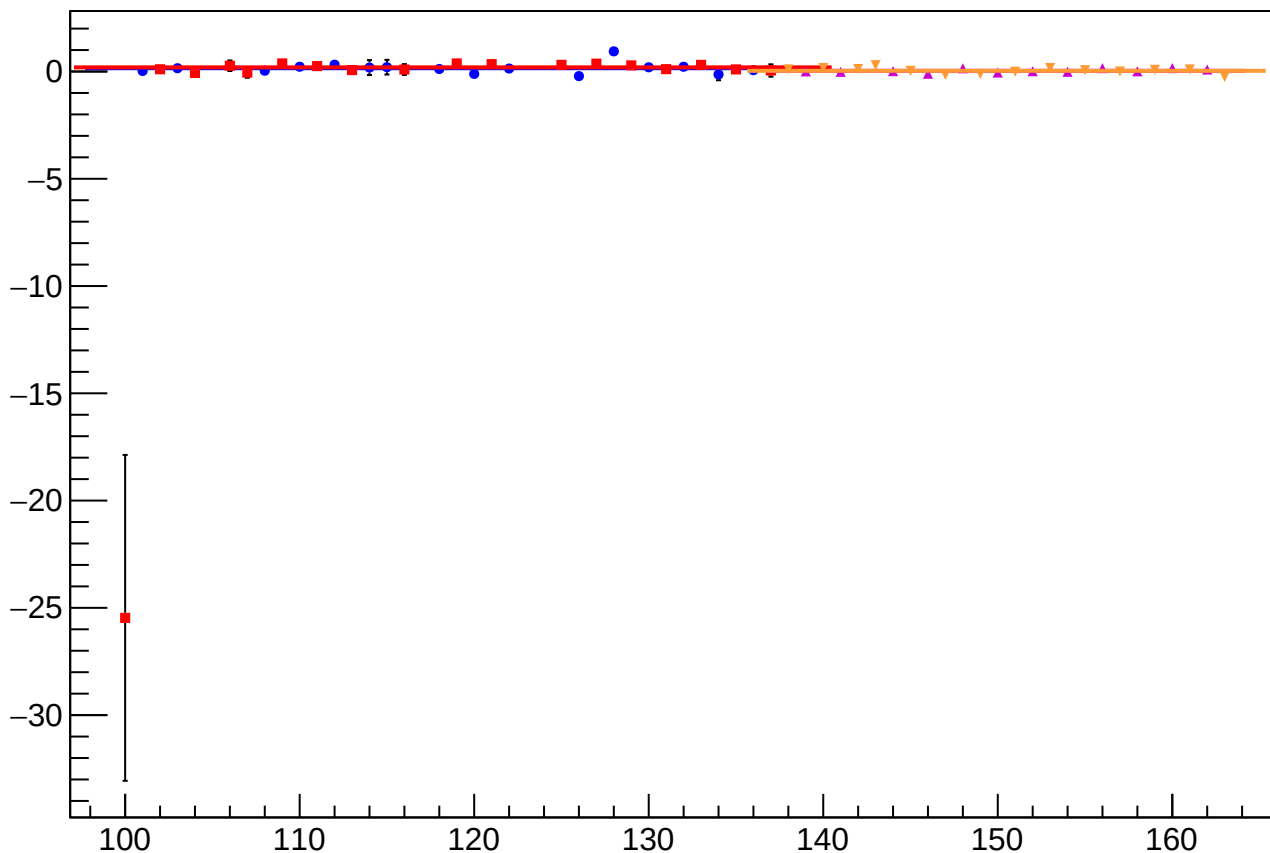
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.038 $\pm$ 0.014 χ^2 /NDF:40.0/27

Out: 0.001 $\pm$ 0.014 χ^2 /NDF:51.6/31

All: 0.019 $\pm$ 0.010 χ^2 /NDF: 95.0/59

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: 0.033+/-0.025 χ^2/NDF : 28.4/13

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.031+/-0.026 χ^2/NDF : 9.9/11

Left: 0.032+/-0.018 χ^2/NDF : 38.3/25

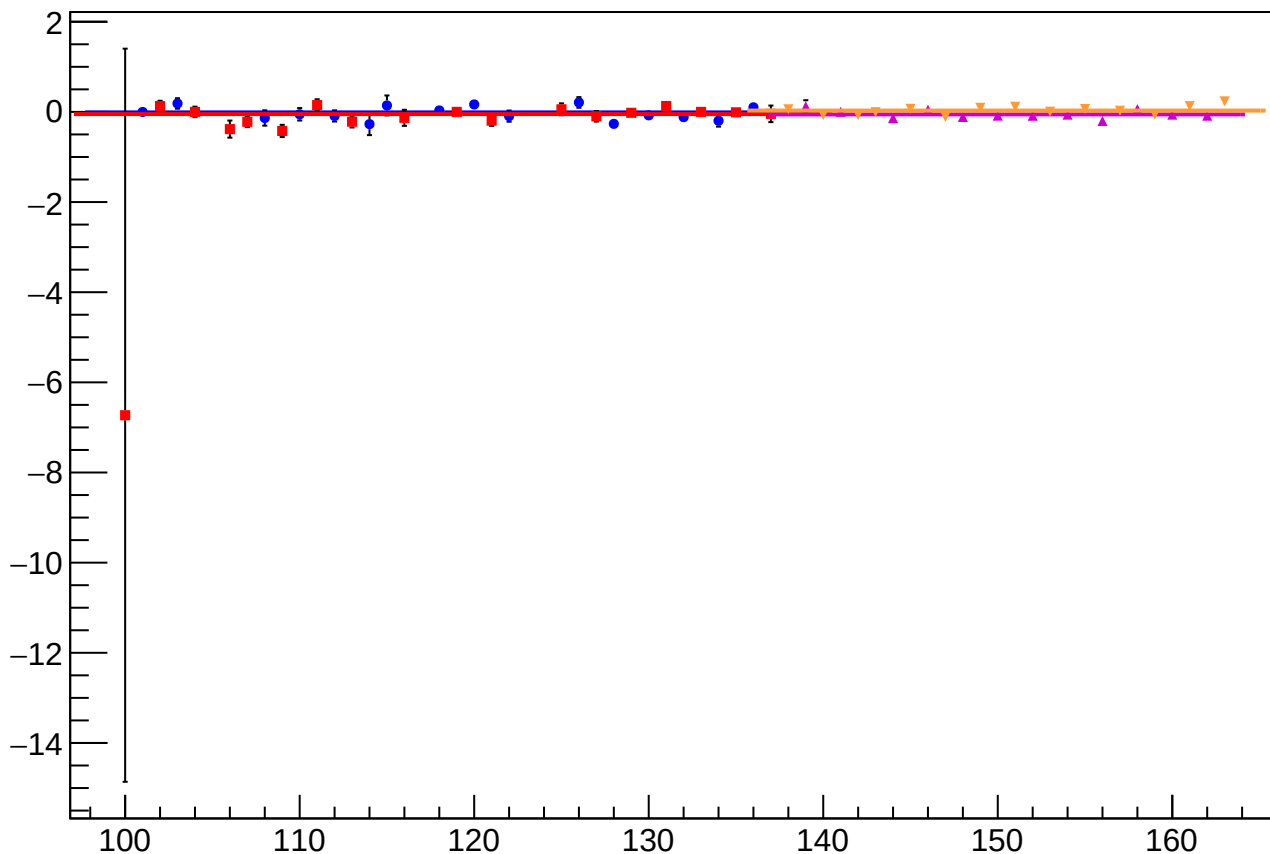
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.063+/-0.022 χ^2/NDF : 46.5/27

Out: 0.071+/-0.022 χ^2/NDF : 60.1/31

All: 0.067+/-0.016 χ^2/NDF : 106.7/59

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.030 ± 0.021 $\chi^2/\text{NDF}: 20.2/13$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.056 ± 0.022 $\chi^2/\text{NDF}: 13.4/11$

Left: -0.011 ± 0.015 $\chi^2/\text{NDF}: 41.7/25$

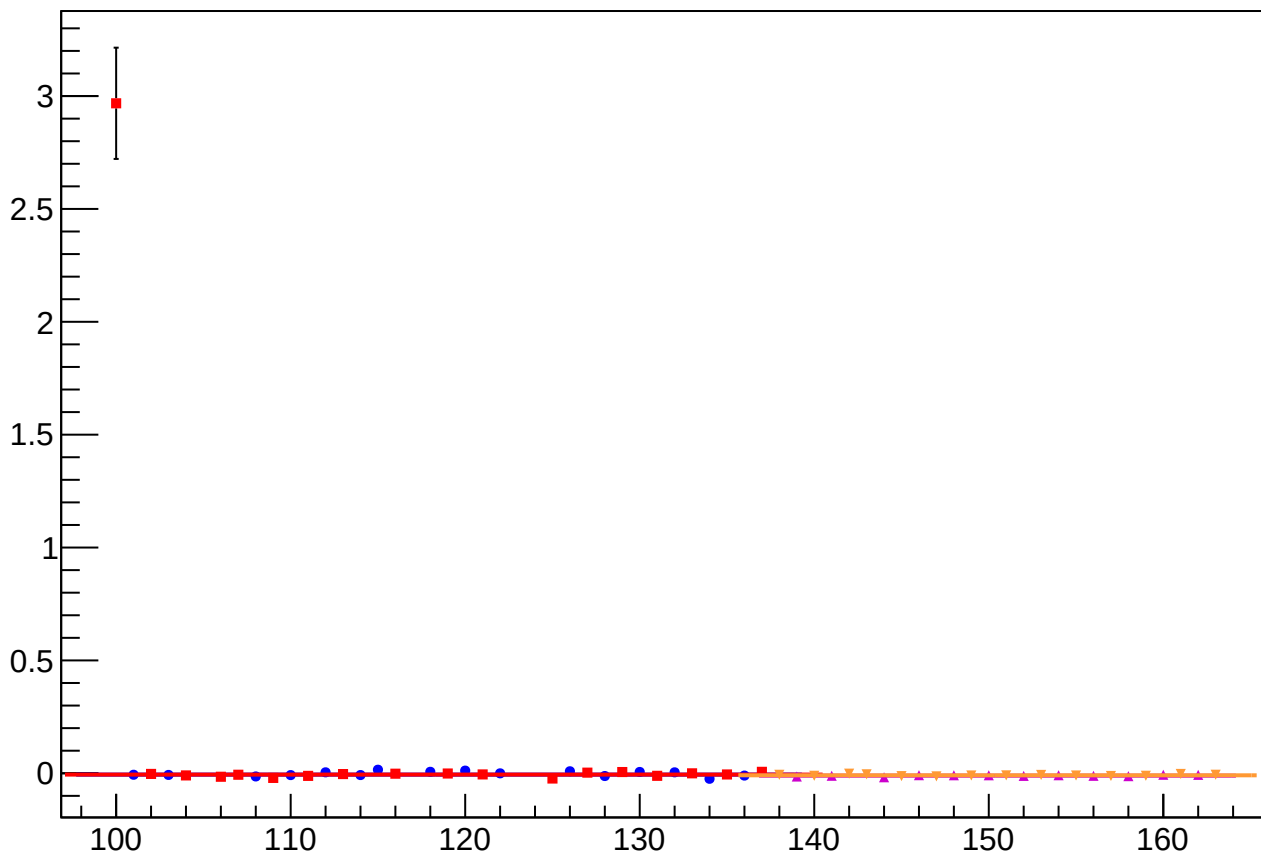
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.038 ± 0.017 $\chi^2/\text{NDF}: 38.5/27$

Out: 0.003 ± 0.017 $\chi^2/\text{NDF}: 51.3/31$

All: -0.018 ± 0.012 $\chi^2/\text{NDF}: 92.7/59$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009+/-0.001 χ^2 /NDF:10.3/13

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.2/17

Left In: -0.011+/-0.001 χ^2 /NDF:8.4/11

Left: -0.010+/-0.001 χ^2 /NDF: 20.1/25

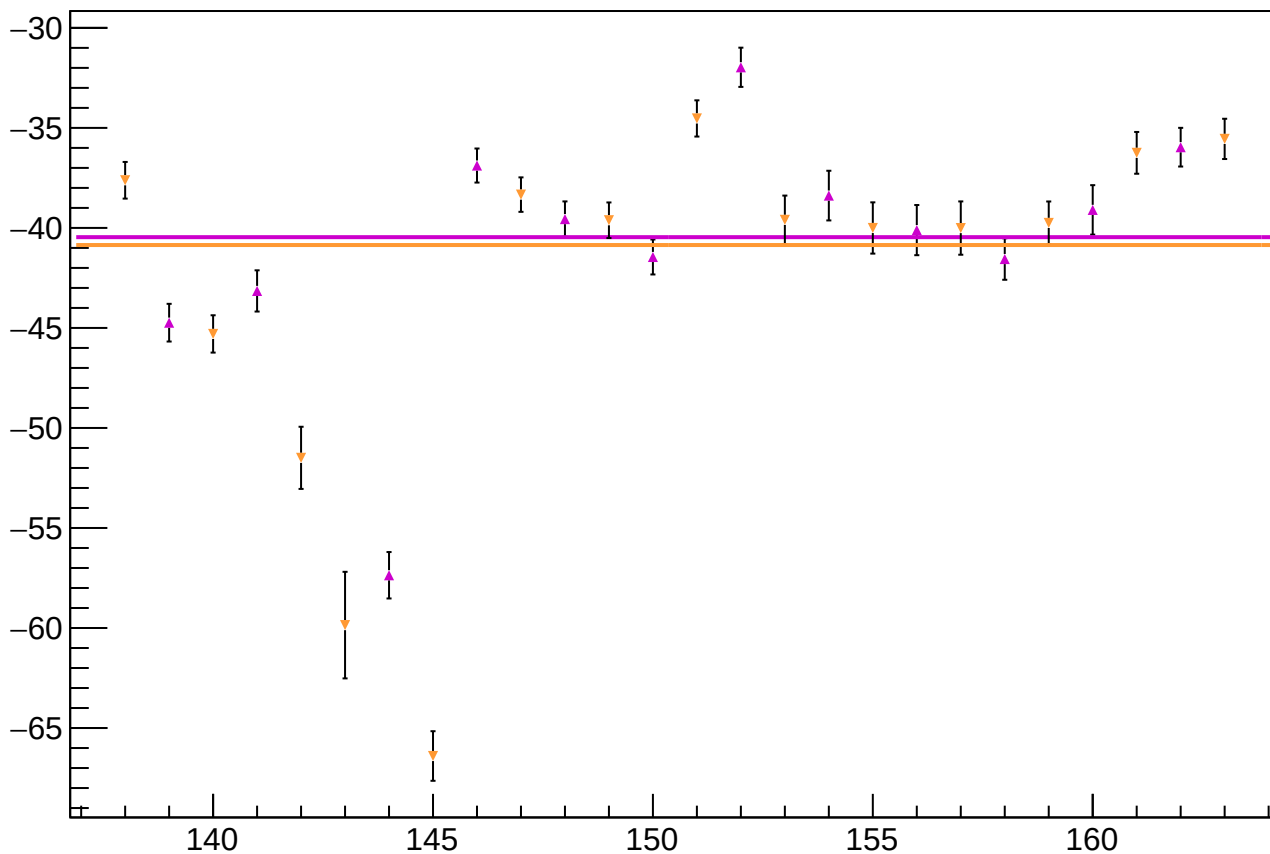
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.009+/-0.001 χ^2 /NDF:44.2/27

Out: -0.008+/-0.001 χ^2 /NDF:178.7/31

All: -0.009+/-0.001 χ^2 /NDF: 223.8/59

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



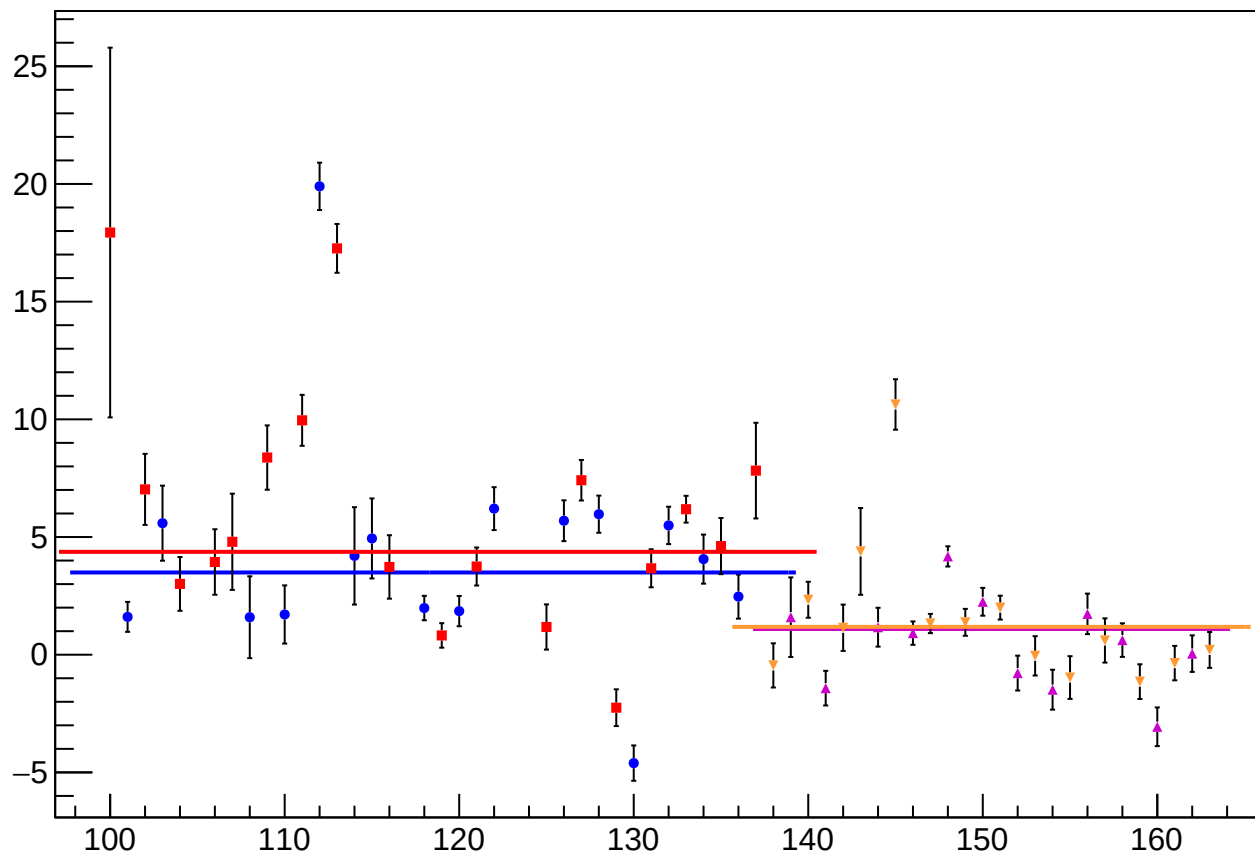
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.856+/-0.289 χ^2/NDF :667.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.462+/-0.292 χ^2/NDF :361.4/11

Left: -40.661+/-0.205 χ^2/NDF : 1029.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.462+/-0.292 χ^2/NDF :361.4/11
 Out: -40.856+/-0.289 χ^2/NDF :667.1/13

All: -40.661+/-0.205 χ^2/NDF : 1029.5/25

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: 1.183 $\pm$ 0.192 χ^2 /NDF:113.2/13

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.095 $\pm$ 0.197 χ^2 /NDF:111.4/11

Left: 1.140 $\pm$ 0.138 χ^2 /NDF: 224.7/25

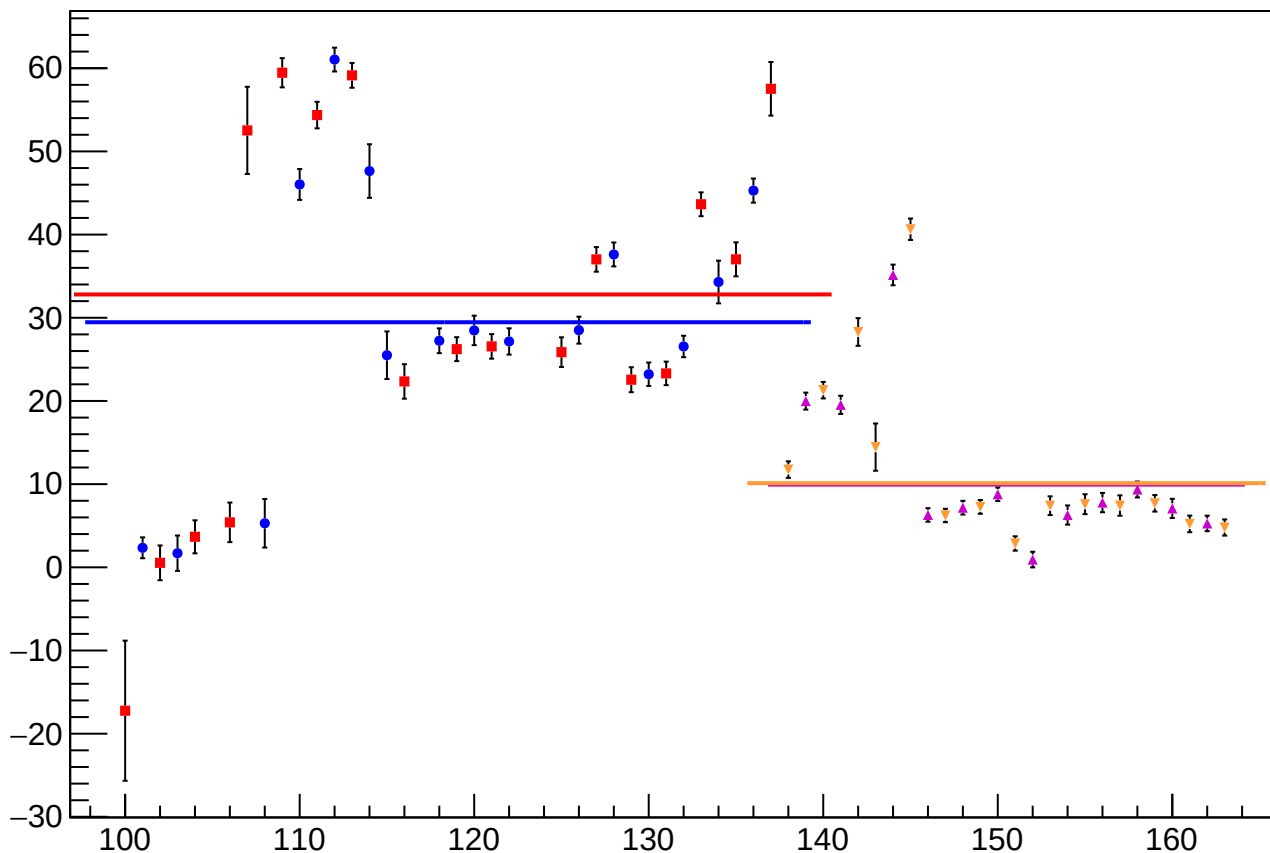
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.177 $\pm$ 0.146 χ^2 /NDF:623.0/27

Out: 2.523 $\pm$ 0.146 χ^2 /NDF:583.3/31

All: 2.350 $\pm$ 0.103 χ^2 /NDF: 1209.1/59

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: 10.117 $\pm$ 0.281 χ^2 /NDF:994.8/13

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 9.941 $\pm$ 0.283 χ^2 /NDF:756.5/11

Left: 10.029 $\pm$ 0.199 χ^2 /NDF: 1751.4/25

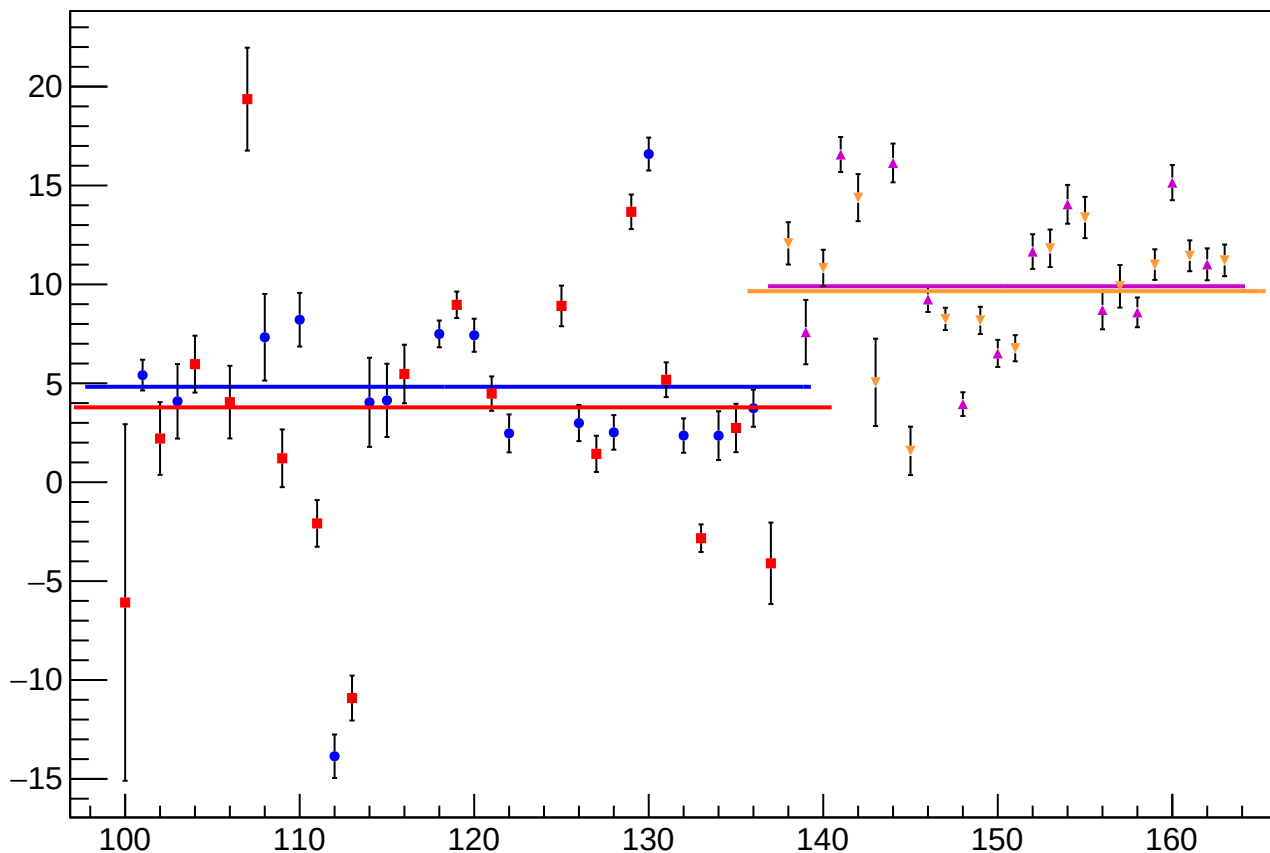
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 16.072 $\pm$ 0.234 χ^2 /NDF:3747.6/27

Out: 17.060 $\pm$ 0.234 χ^2 /NDF:4651.0/31

All: 16.566 $\pm$ 0.165 χ^2 /NDF: 8407.6/59

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: 9.658 ± 0.230 χ^2/NDF : 130.2/13

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.906 ± 0.235 χ^2/NDF : 286.6/11

Left: 9.779 ± 0.164 χ^2/NDF : 417.3/25

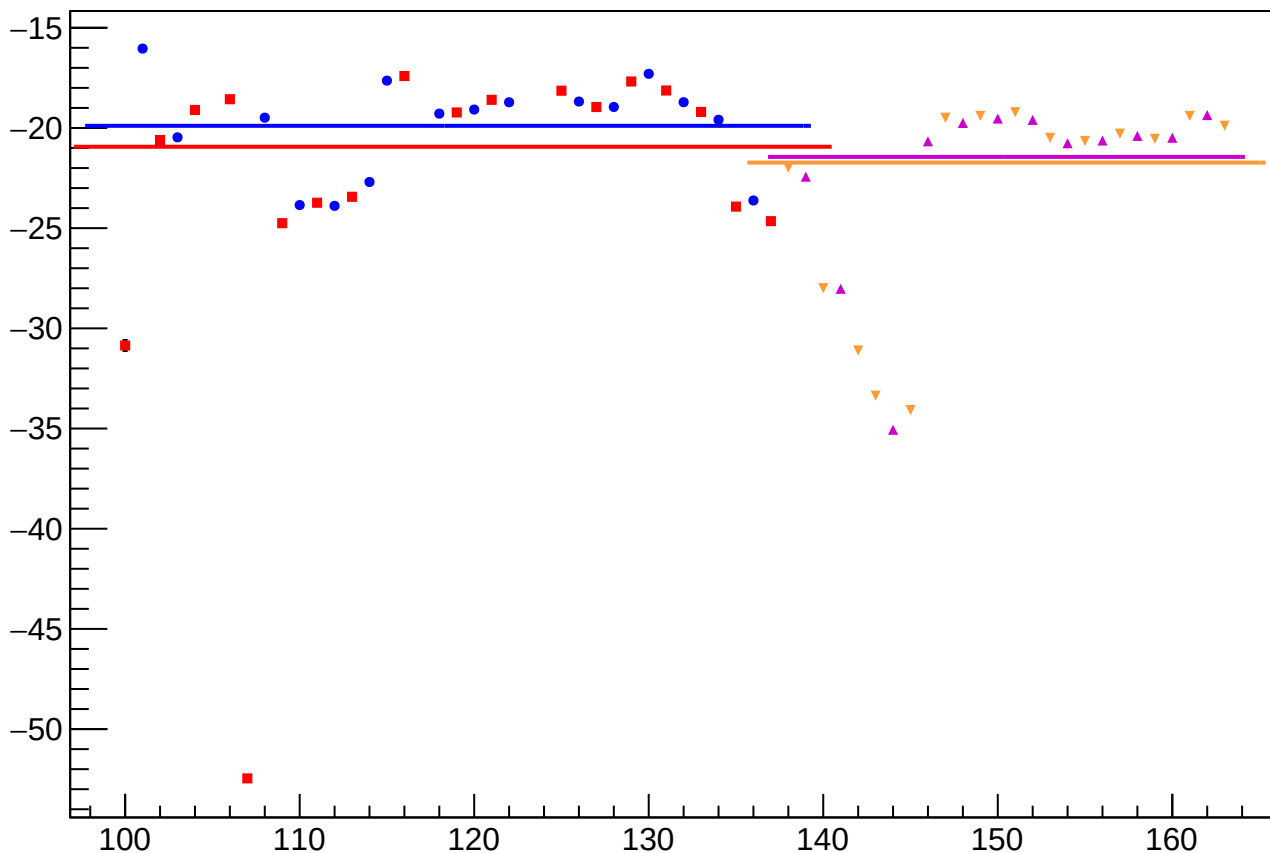
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 7.534 ± 0.172 χ^2/NDF : 1056.9/27

Out: 7.069 ± 0.172 χ^2/NDF : 983.0/31

All: 7.301 ± 0.122 χ^2/NDF : 2043.5/59

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: -21.728 ± 0.011 $\chi^2/\text{NDF}: 132178.3/13$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -21.444 ± 0.011 $\chi^2/\text{NDF}: 98912.3/11$

Left: -21.585 ± 0.008 $\chi^2/\text{NDF}: 231417.4/25$

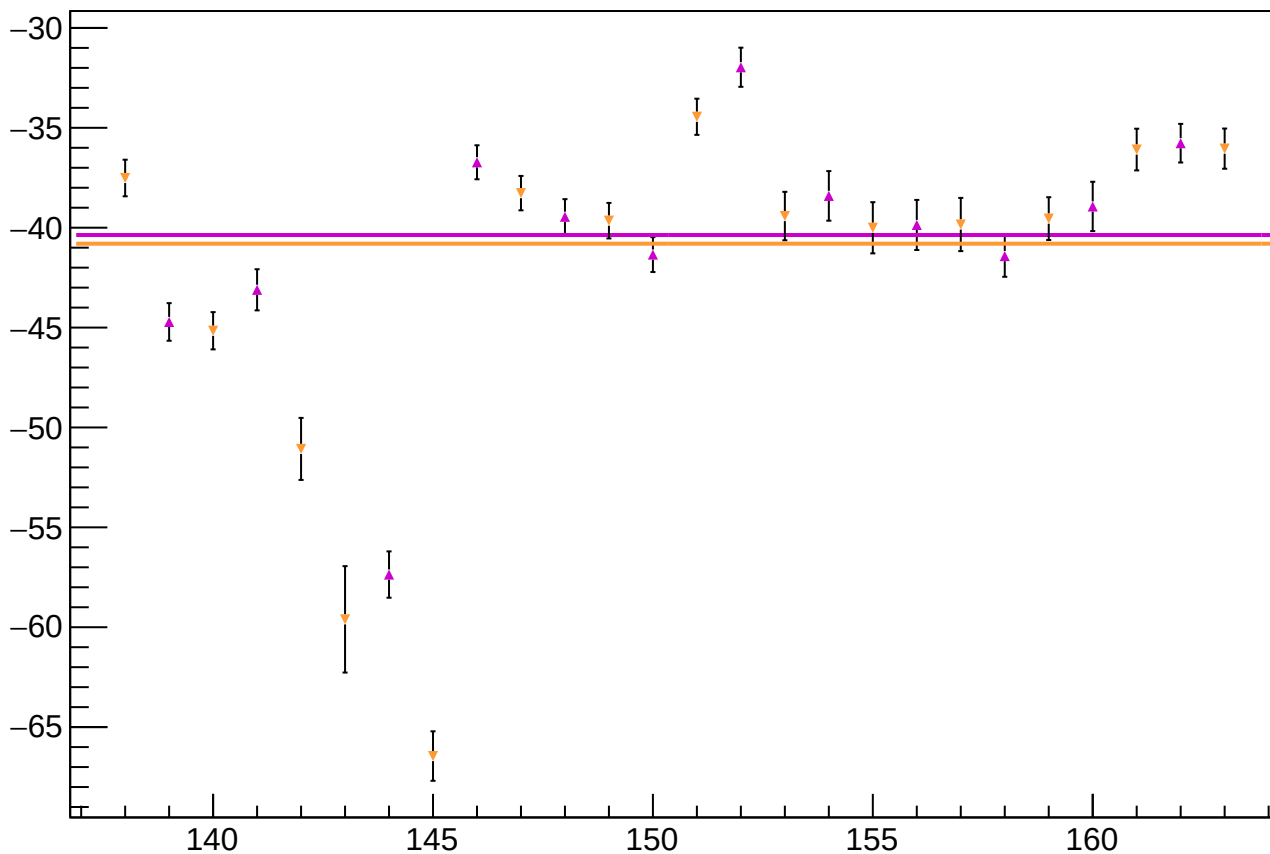
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -20.921 ± 0.009 $\chi^2/\text{NDF}: 131572.4/27$

Out: -21.463 ± 0.009 $\chi^2/\text{NDF}: 227993.4/31$

All: -21.190 ± 0.006 $\chi^2/\text{NDF}: 361349.0/59$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



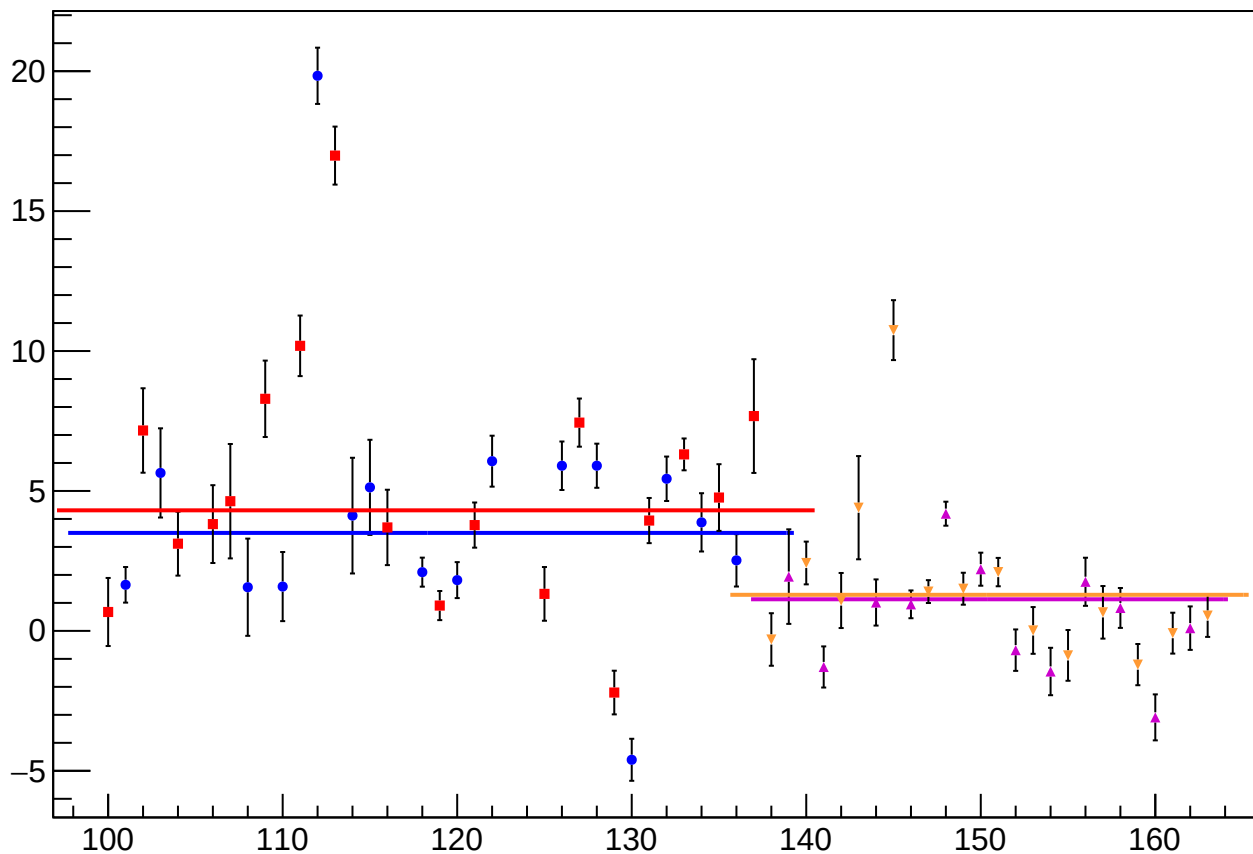
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.800+/-0.288 χ^2/NDF :663.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.366+/-0.291 χ^2/NDF :365.0/11

Left: -40.585+/-0.205 χ^2/NDF : 1029.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.366+/-0.291 χ^2/NDF :365.0/11
 Out: -40.800+/-0.288 χ^2/NDF :663.0/13

All: -40.585+/-0.205 χ^2/NDF : 1029.2/25

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: 1.289 $\pm$ 0.192 χ^2 /NDF:113.2/13

Right Out: 4.308 $\pm$ 0.221 χ^2 /NDF: 352.8/17

Left In: 1.129 $\pm$ 0.197 χ^2 /NDF:109.6/11

Left: 1.211 $\pm$ 0.137 χ^2 /NDF: 223.1/25

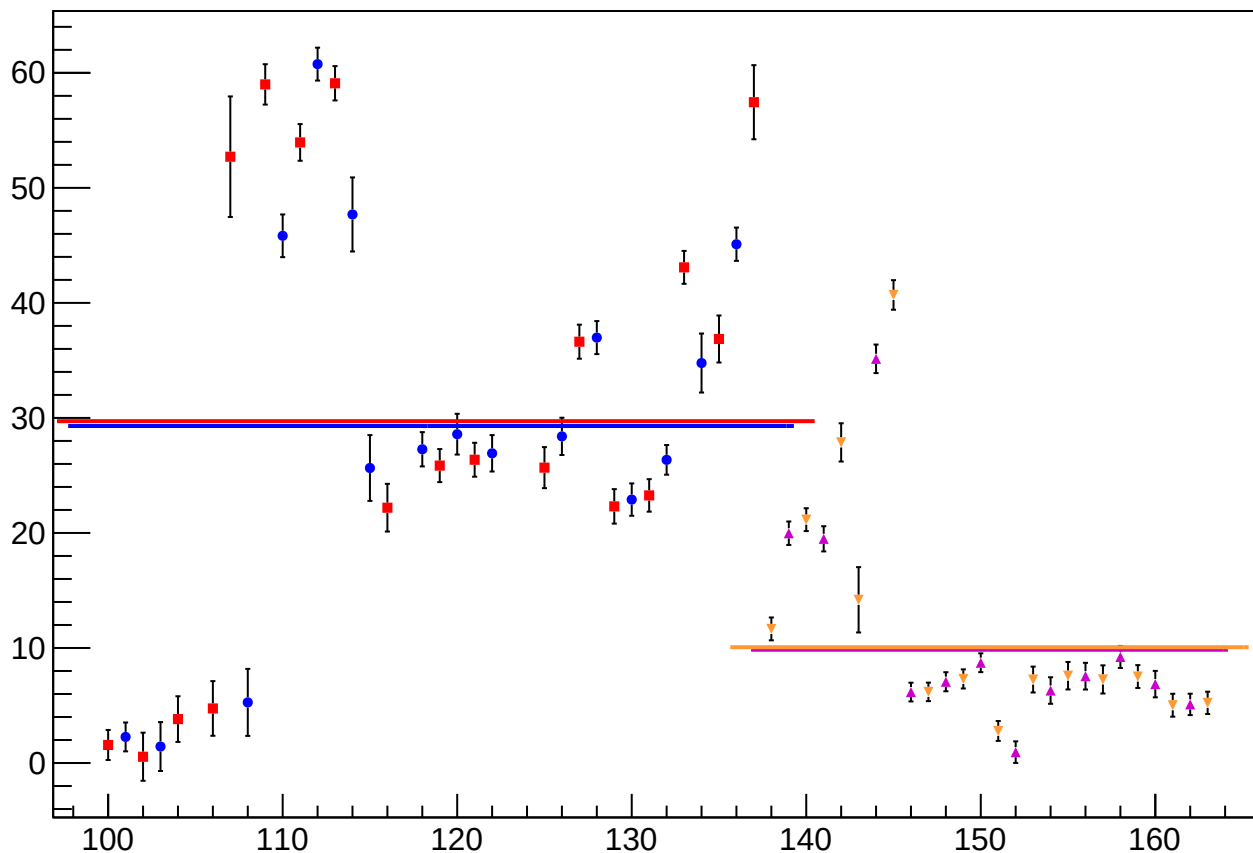
Right: 3.897 $\pm$ 0.155 χ^2 /NDF: 801.4/33

In: 2.199 $\pm$ 0.146 χ^2 /NDF:616.7/27

Out: 2.582 $\pm$ 0.145 χ^2 /NDF:572.3/31

All: 2.392 $\pm$ 0.103 χ^2 /NDF: 1192.5/59

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: 10.067 $\pm$ 0.281 χ^2 /NDF:989.8/13

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 9.847 $\pm$ 0.282 χ^2 /NDF:762.3/11

Left: 9.958 $\pm$ 0.199 χ^2 /NDF: 1752.4/25

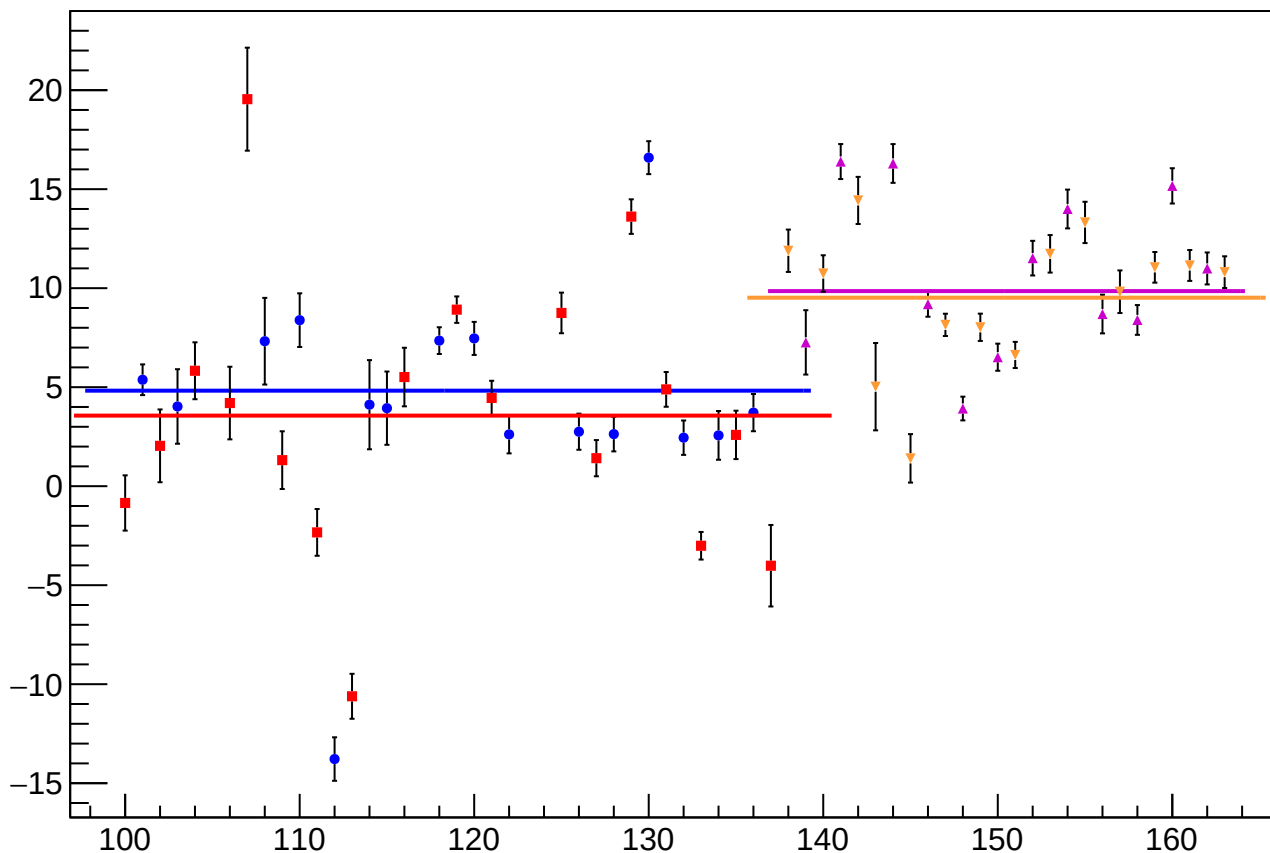
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 15.956 $\pm$ 0.234 χ^2 /NDF:3738.0/27

Out: 16.497 $\pm$ 0.230 χ^2 /NDF:4722.2/31

All: 16.231 $\pm$ 0.164 χ^2 /NDF: 8462.9/59

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.519 ± 0.230 χ^2/NDF : 131.3/13

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.852 ± 0.235 χ^2/NDF : 287.8/11

Left: 9.682 ± 0.164 χ^2/NDF : 420.1/25

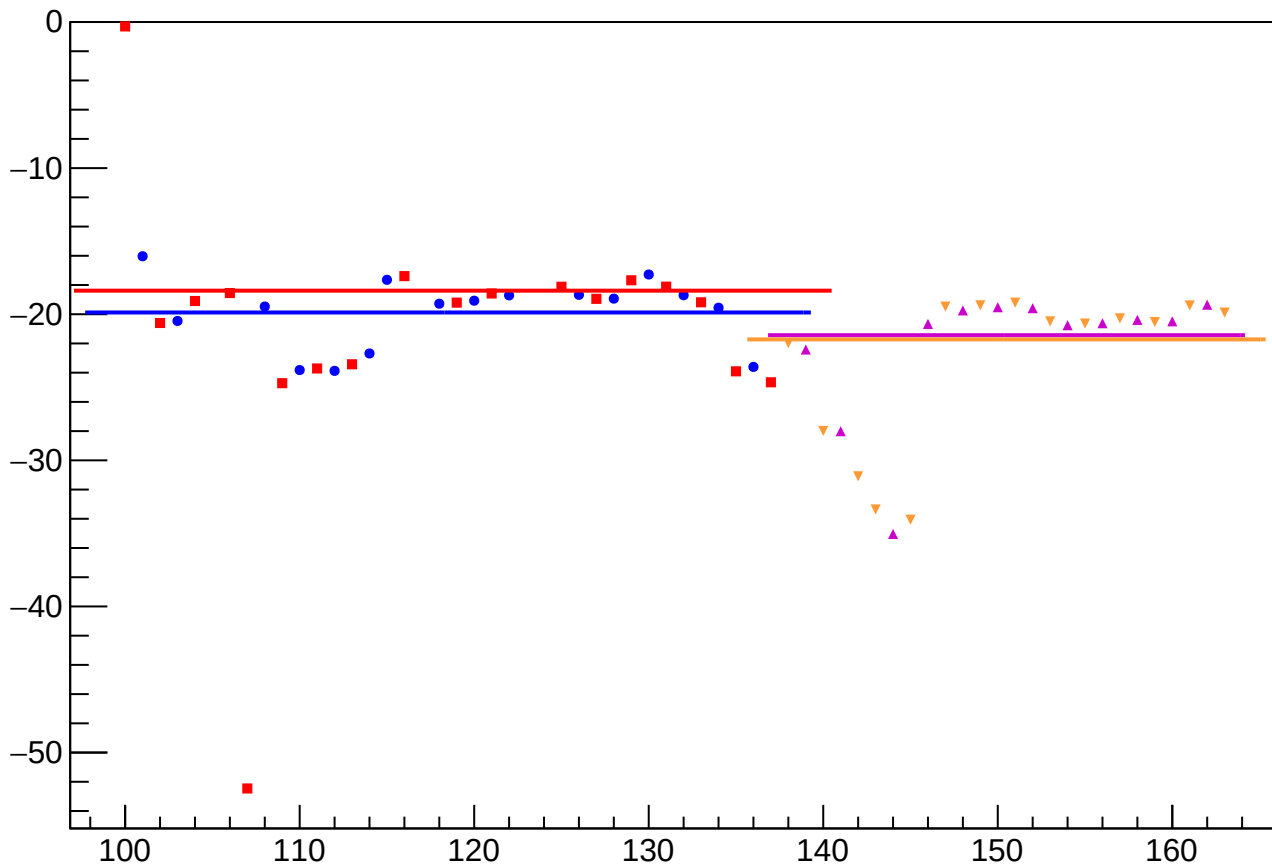
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.505 ± 0.172 χ^2/NDF : 1050.1/27

Out: 6.846 ± 0.170 χ^2/NDF : 1003.4/31

All: 7.173 ± 0.121 χ^2/NDF : 2060.9/59

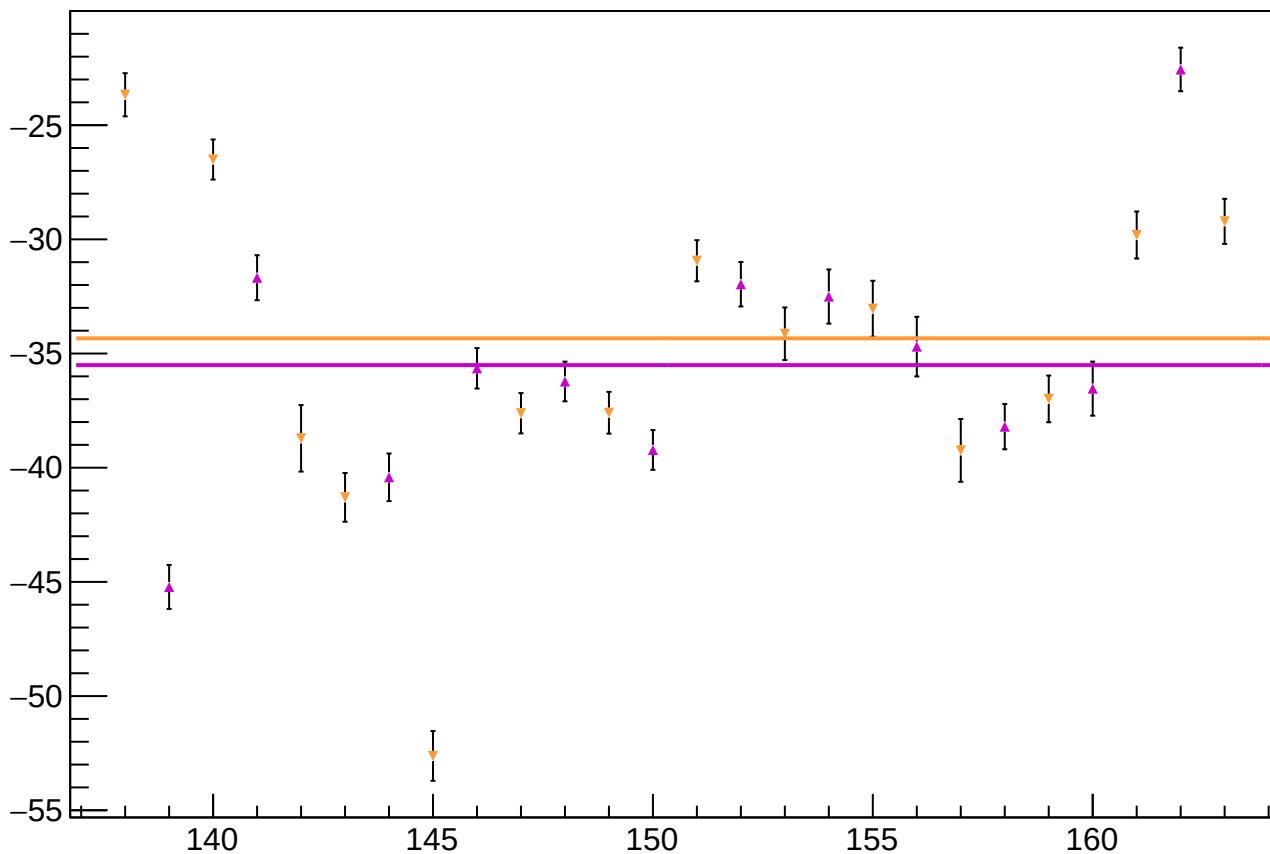
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 χ^2/NDF : 26082.0/15
 Left Out: -21.721 ± 0.011 χ^2/NDF : 132236.8/13
 Right Out: -18.387 ± 0.015 χ^2/NDF : 301256.3/17
 Left In: -21.434 ± 0.011 χ^2/NDF : 98842.7/11

Left: -21.577 ± 0.008 χ^2/NDF : 231412.9/25
 Right: -19.093 ± 0.011 χ^2/NDF : 332185.5/33
 In: -20.910 ± 0.009 χ^2/NDF : 131518.4/27
 Out: -20.507 ± 0.009 χ^2/NDF : 466019.5/31
 All: -20.705 ± 0.006 χ^2/NDF : 598547.4/59

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



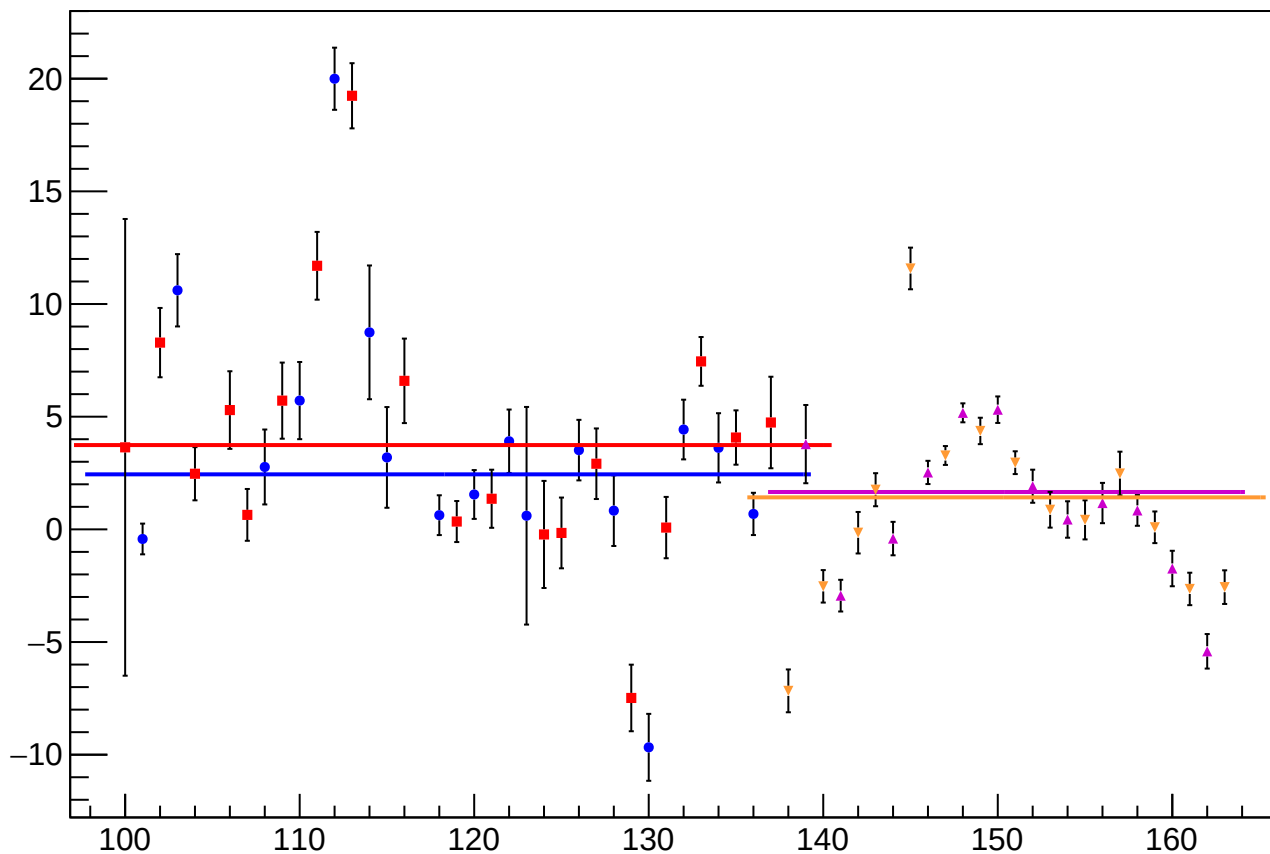
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.334 $\pm$ 0.275 χ^2/NDF :648.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -35.507 $\pm$ 0.287 χ^2/NDF :370.8/11

Left: -34.896 $\pm$ 0.199 χ^2/NDF : 1027.8/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -35.507 $\pm$ 0.287 χ^2/NDF :370.8/11
 Out: -34.334 $\pm$ 0.275 χ^2/NDF :648.3/13

All: -34.896 $\pm$ 0.199 χ^2/NDF : 1027.8/25

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 1.420 ± 0.184 χ^2/NDF : 356.7/13

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 1.658 ± 0.194 χ^2/NDF : 270.9/11

Left: 1.533 ± 0.134 χ^2/NDF : 628.4/25

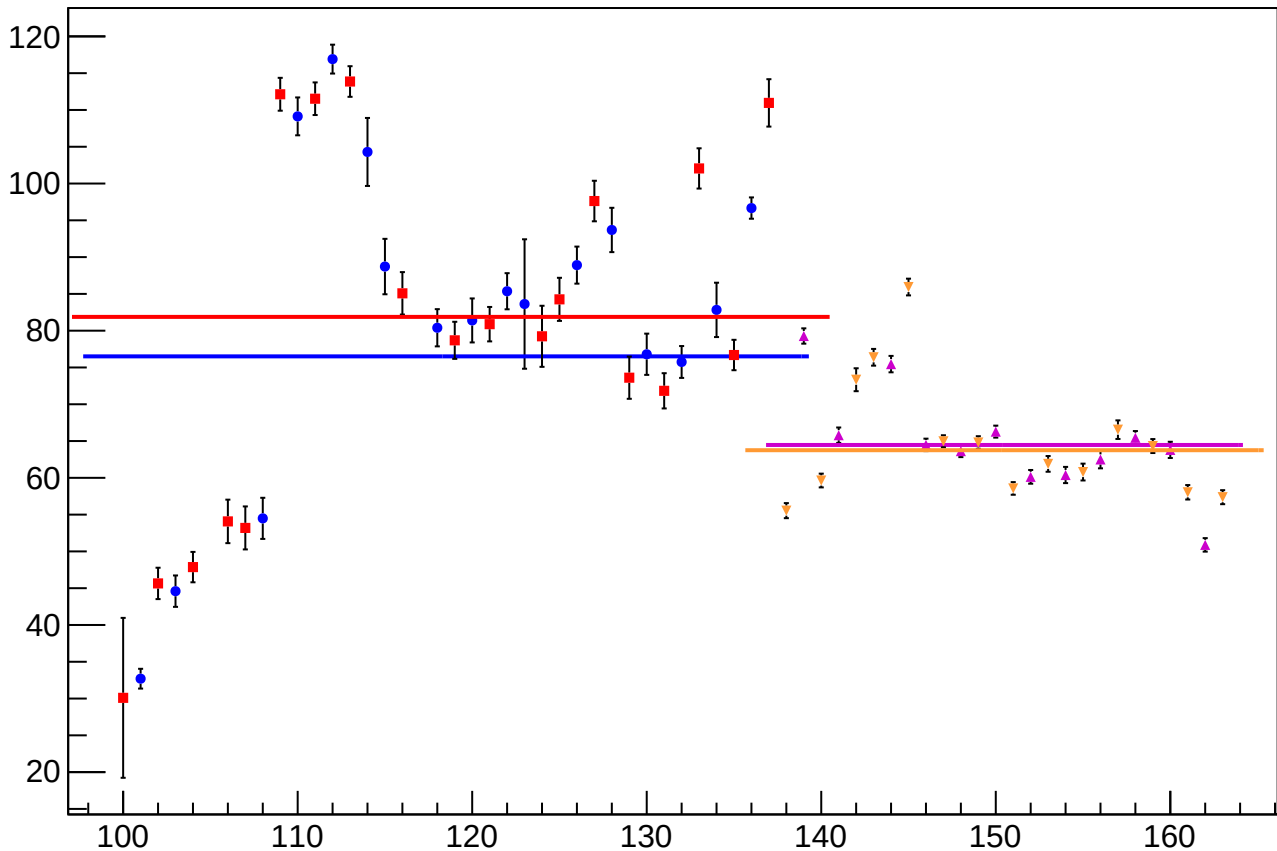
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.877 ± 0.165 χ^2/NDF : 570.2/28

Out: 1.980 ± 0.160 χ^2/NDF : 663.2/32

All: 1.930 ± 0.115 χ^2/NDF : 1233.5/61

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 63.754 $\pm$ 0.270 χ^2 /NDF: 759.2/13

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 64.467 $\pm$ 0.278 χ^2 /NDF: 565.5/11

Left: 64.099 $\pm$ 0.194 χ^2 /NDF: 1328.1/25

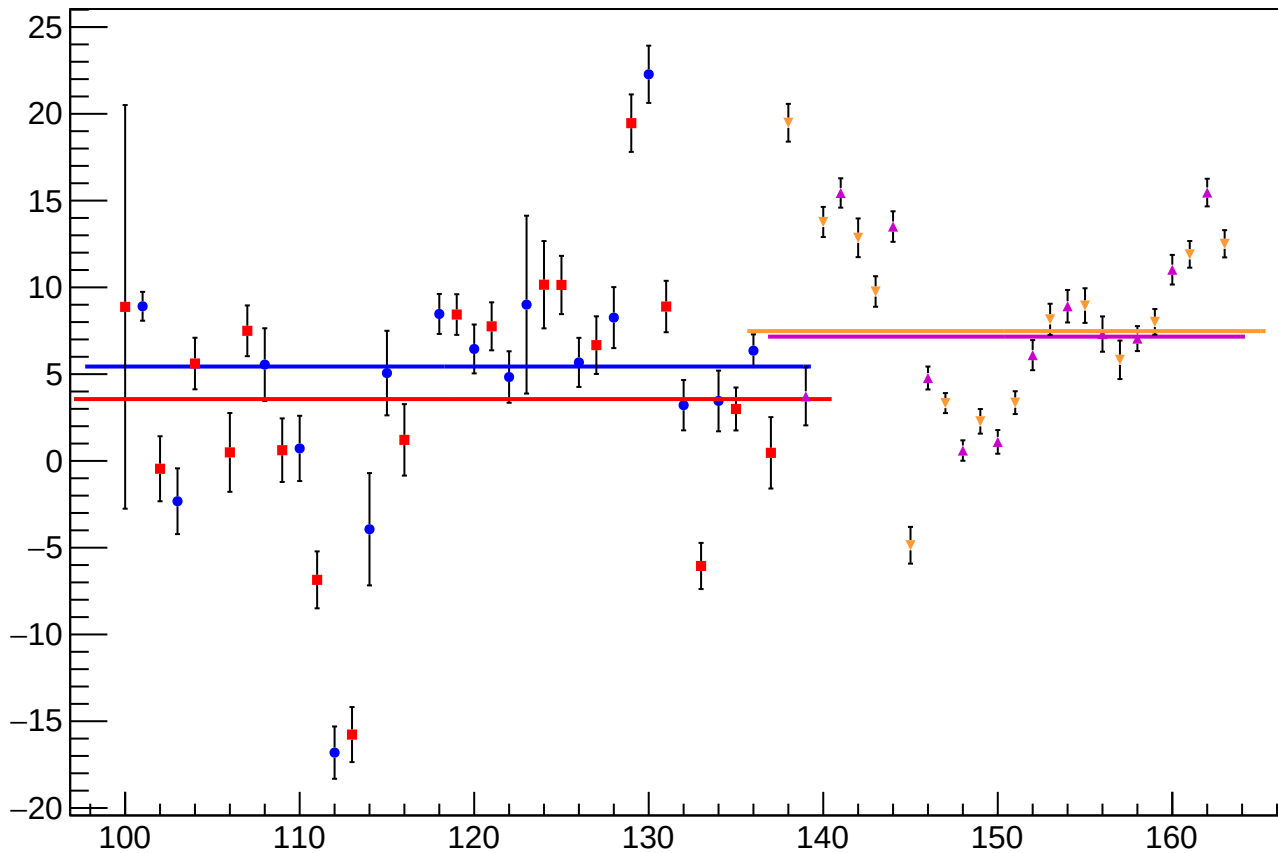
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 66.757 $\pm$ 0.250 χ^2 /NDF: 3172.6/28

Out: 66.868 $\pm$ 0.245 χ^2 /NDF: 3106.6/32

All: 66.814 $\pm$ 0.175 χ^2 /NDF: 6279.3/61

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: 7.480 $\pm$ 0.220 χ^2/NDF :564.6/13

Right Out: 3.563 $\pm$ 0.375 χ^2/NDF : 420.8/18

Left In: 7.161 $\pm$ 0.231 χ^2/NDF :502.4/11

Left: 7.328 $\pm$ 0.159 χ^2/NDF : 1067.9/25

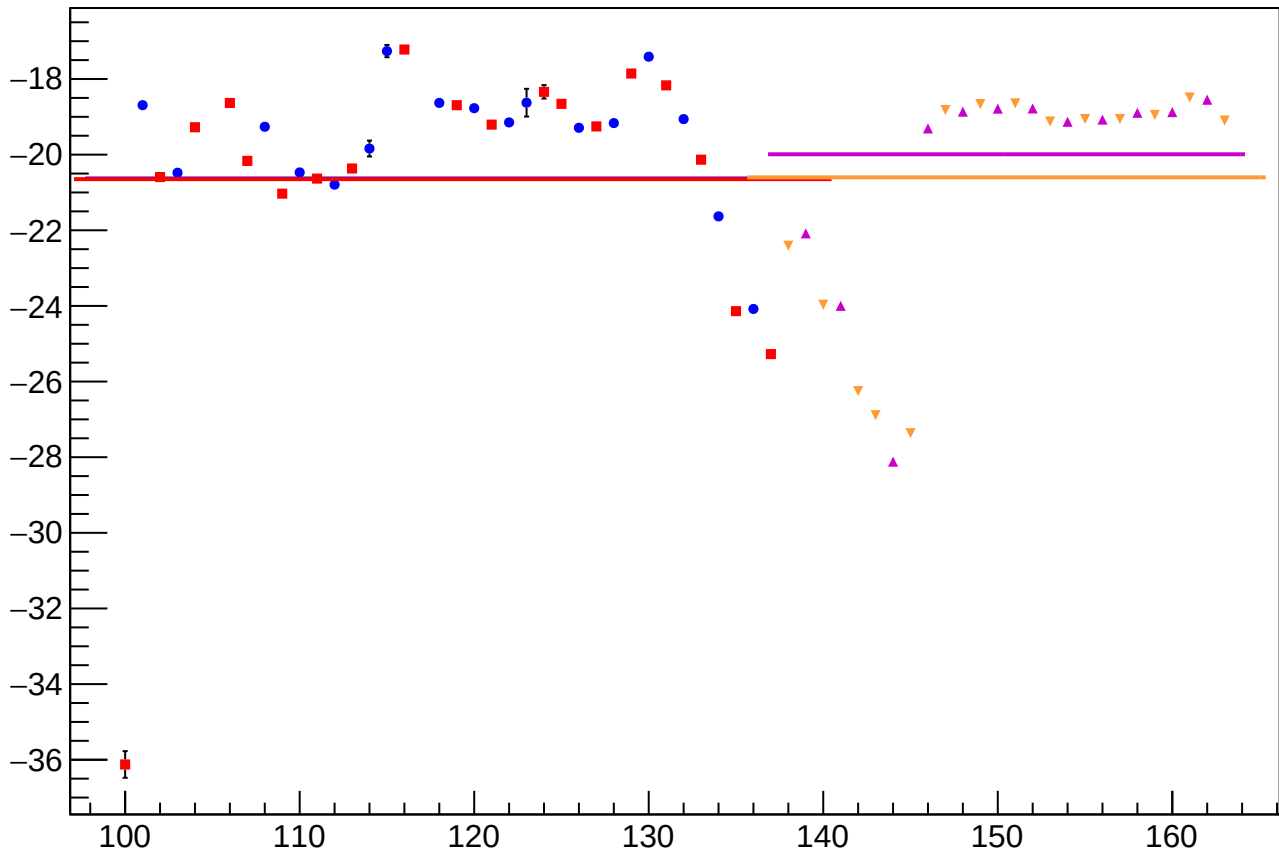
Right: 4.545 $\pm$ 0.259 χ^2/NDF : 820.1/35

In: 6.654 $\pm$ 0.194 χ^2/NDF :904.9/28

Out: 6.477 $\pm$ 0.190 χ^2/NDF :1066.6/32

All: 6.563 $\pm$ 0.136 χ^2/NDF : 1971.9/61

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.601+/-0.011 χ^2/NDF : 77665.1/13

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -19.991+/-0.011 χ^2/NDF : 48056.8/11

Left: -20.303+/-0.008 χ^2/NDF : 127310.2/25

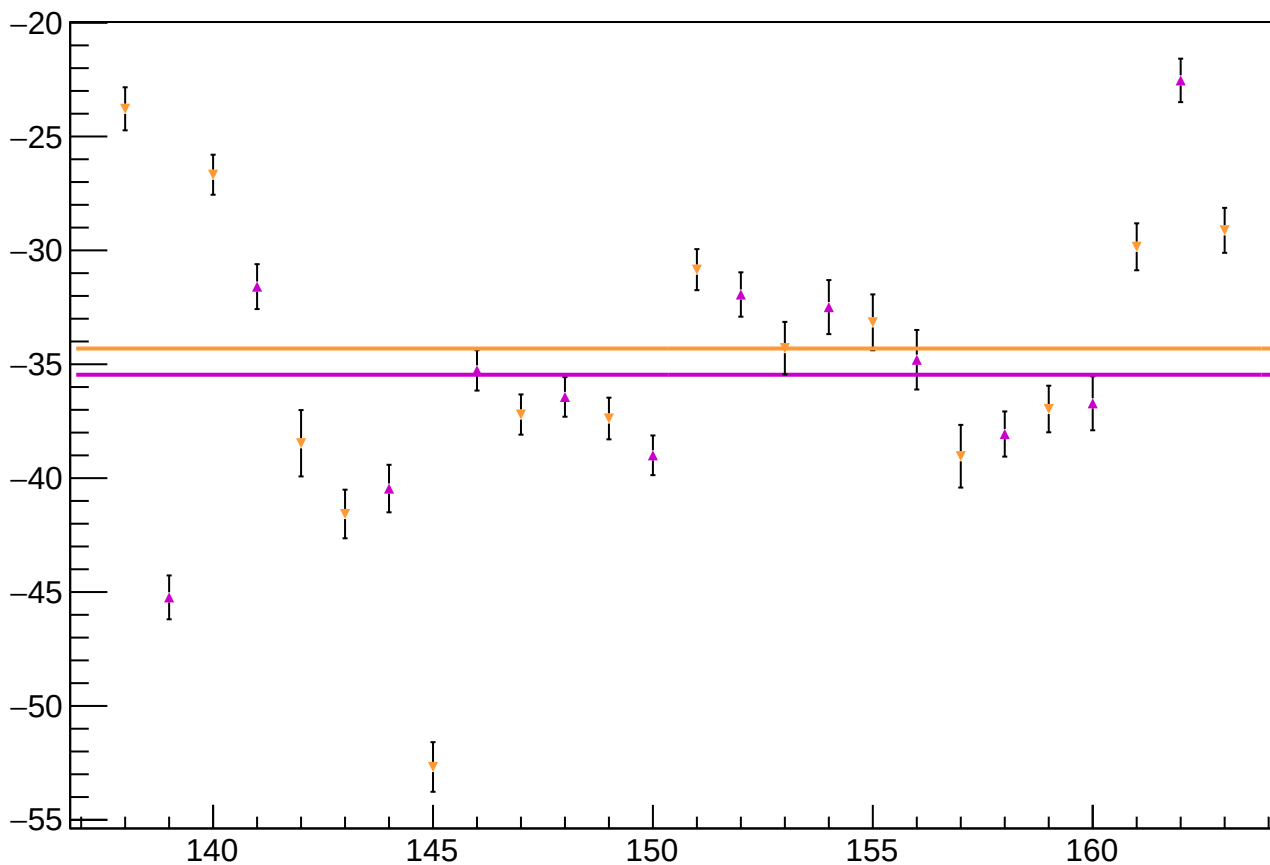
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -20.147+/-0.010 χ^2/NDF : 61393.1/28

Out: -20.611+/-0.009 χ^2/NDF : 91578.5/32

All: -20.383+/-0.007 χ^2/NDF : 154181.9/61

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



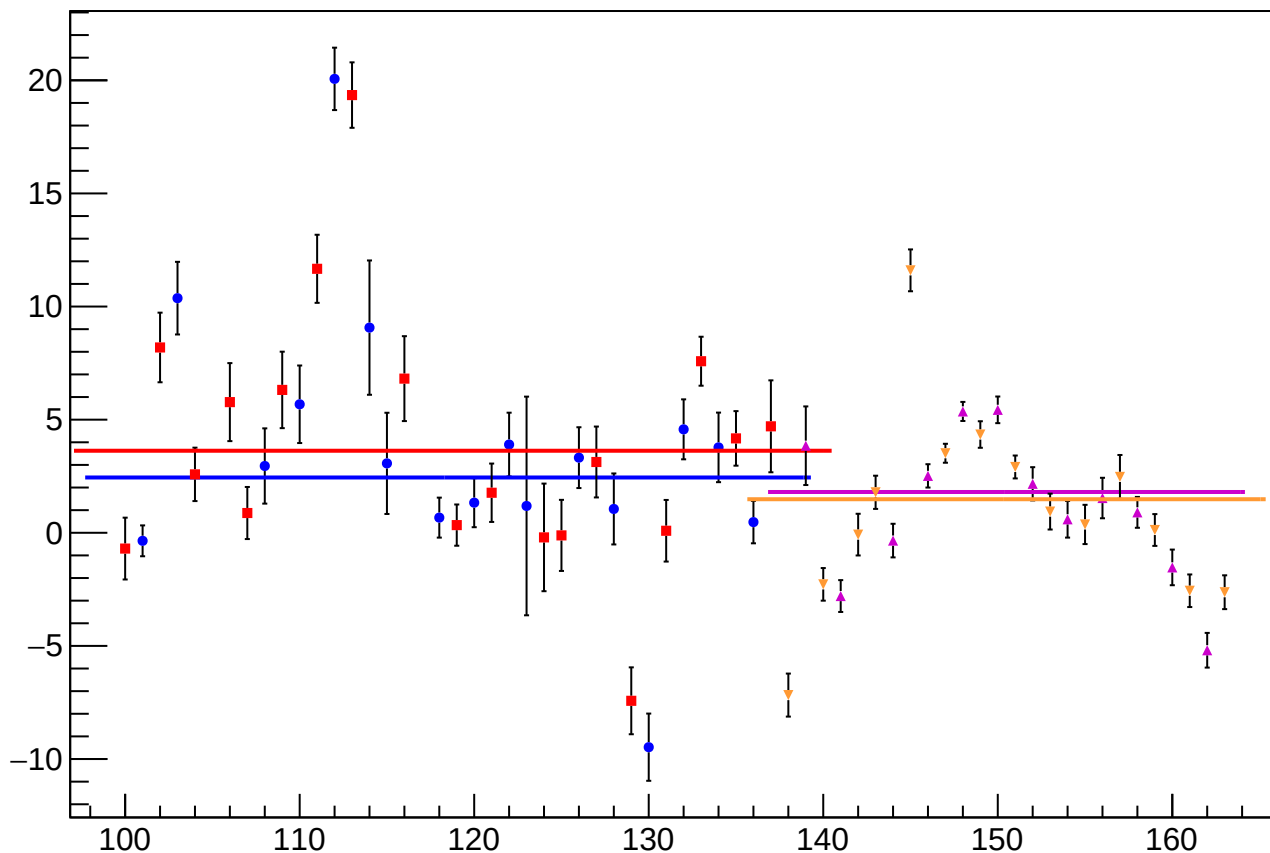
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.309 $\pm$ 0.275 χ^2/NDF : 640.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -35.460 $\pm$ 0.287 χ^2/NDF : 370.3/11

Left: -34.860 $\pm$ 0.199 χ^2/NDF : 1019.4/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -35.460 $\pm$ 0.287 χ^2/NDF : 370.3/11
 Out: -34.309 $\pm$ 0.275 χ^2/NDF : 640.7/13

All: -34.860 $\pm$ 0.199 χ^2/NDF : 1019.4/25

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 1.483 $\pm$ 0.184 χ^2 /NDF: 356.8/13

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 1.803 $\pm$ 0.194 χ^2 /NDF: 269.3/11

Left: 1.635 $\pm$ 0.134 χ^2 /NDF: 627.5/25

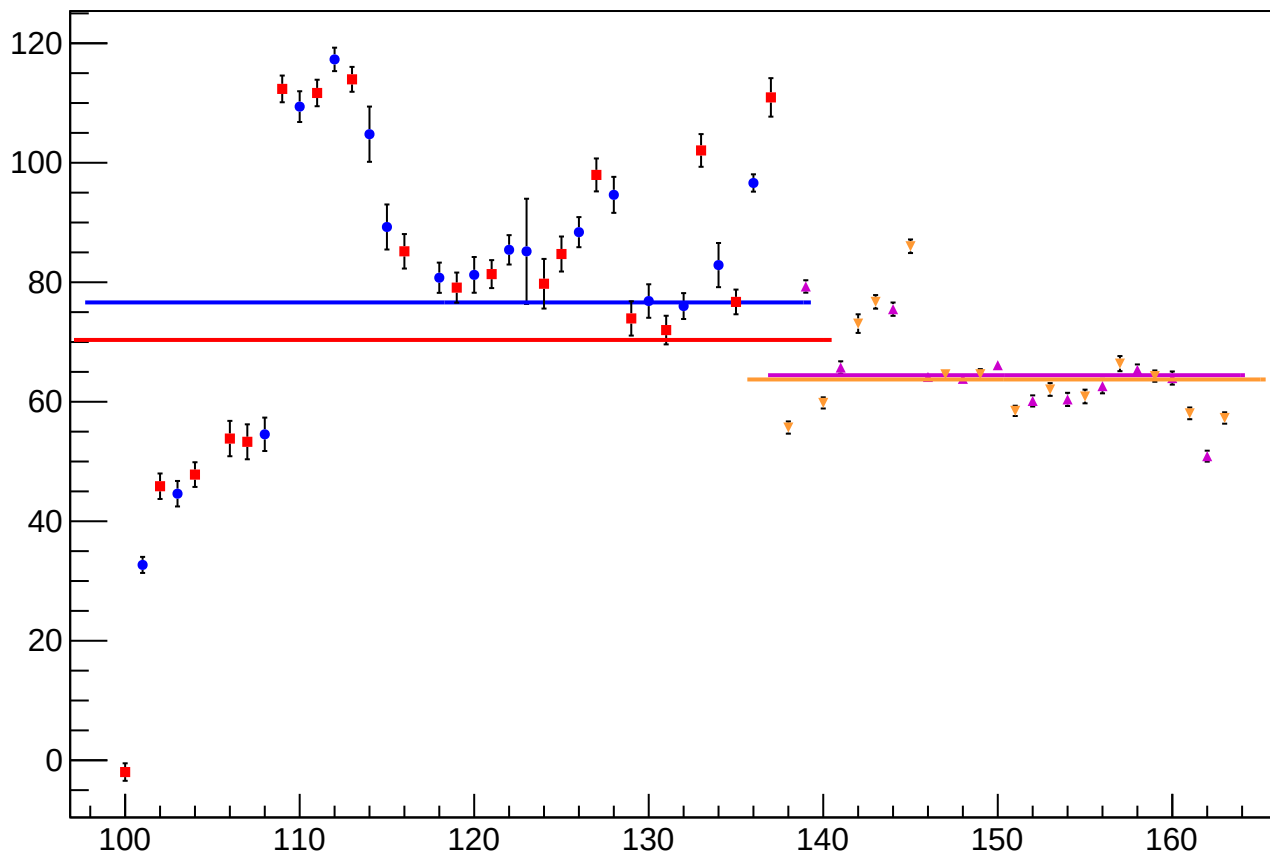
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 1.982 $\pm$ 0.165 χ^2 /NDF: 565.0/28

Out: 2.022 $\pm$ 0.159 χ^2 /NDF: 669.7/32

All: 2.003 $\pm$ 0.115 χ^2 /NDF: 1234.8/61

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: 63.732 $\pm$ 0.270 χ^2 /NDF: 761.3/13

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 64.444 $\pm$ 0.278 χ^2 /NDF: 563.8/11

Left: 64.077 $\pm$ 0.194 χ^2 /NDF: 1328.4/25

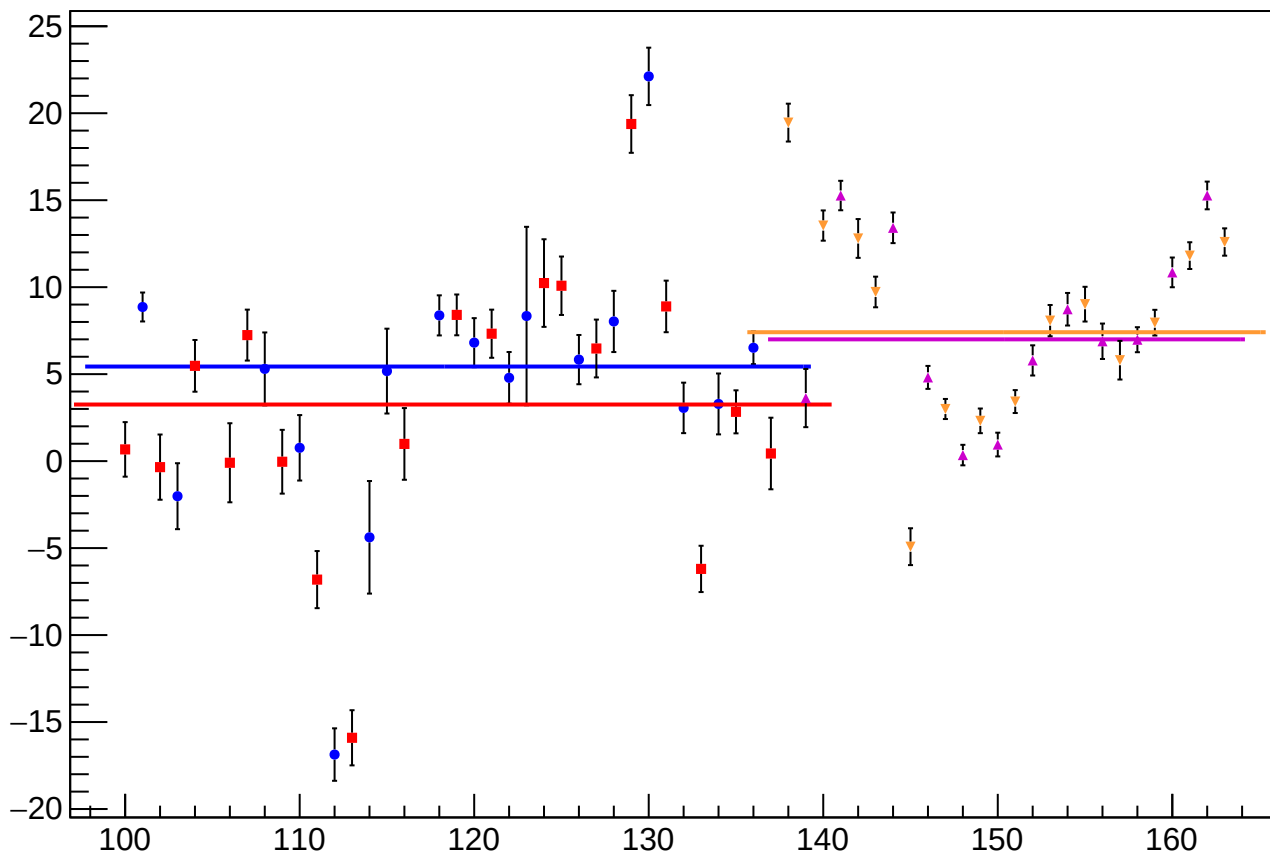
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 66.762 $\pm$ 0.251 χ^2 /NDF: 3190.7/28

Out: 65.015 $\pm$ 0.242 χ^2 /NDF: 5266.2/32

All: 65.859 $\pm$ 0.174 χ^2 /NDF: 8482.0/61

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 7.215 $\pm$ 0.159 χ^2/NDF : 1071.5/25

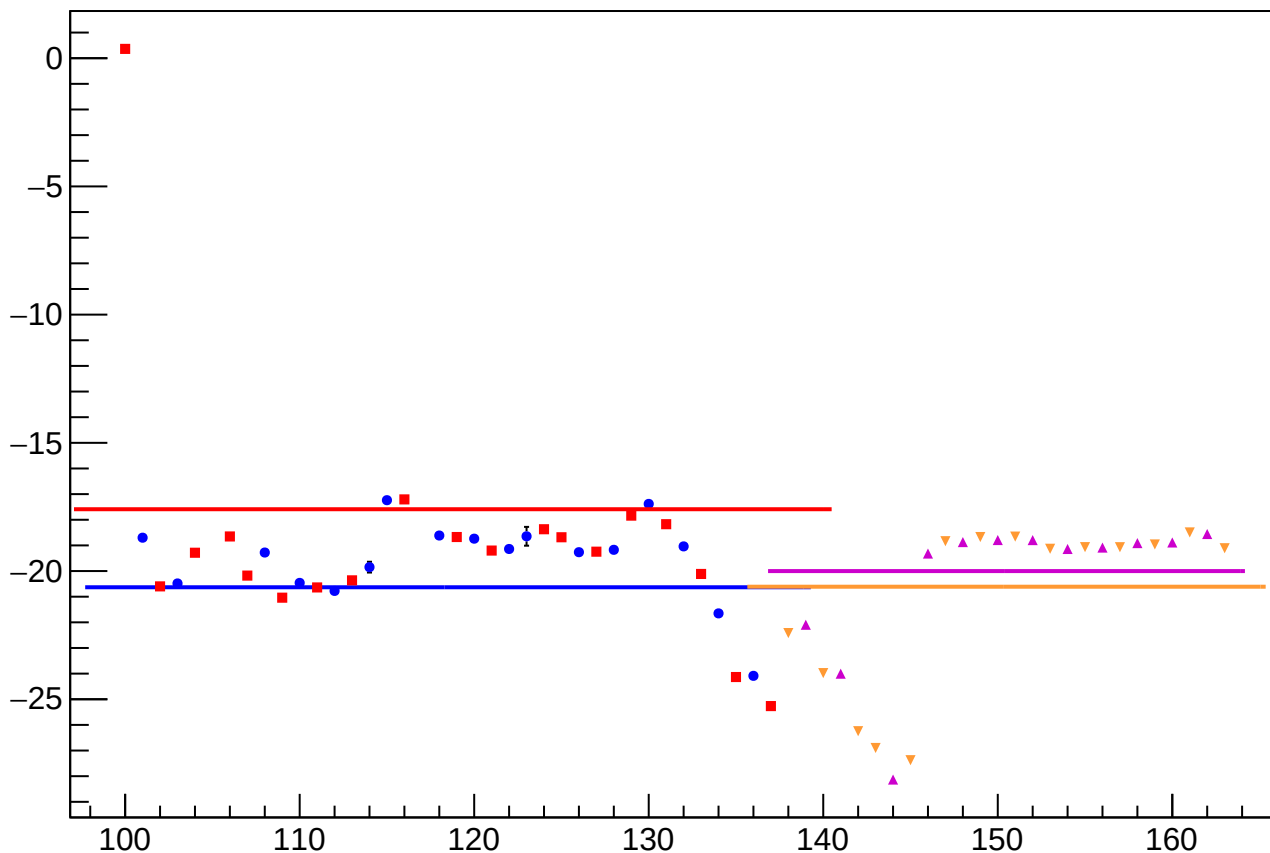
Right: 4.367 $\pm$ 0.256 χ^2/NDF : 826.5/35

In: 6.539 $\pm$ 0.194 χ^2/NDF : 900.7/28

Out: 6.303 $\pm$ 0.188 χ^2/NDF : 1085.9/32

All: 6.417 $\pm$ 0.135 χ^2/NDF : 1987.4/61

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.611 ± 0.011 $\chi^2/\text{NDF}: 77517.0/13$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.001 ± 0.011 $\chi^2/\text{NDF}: 47990.2/11$

Left: -20.313 ± 0.008 $\chi^2/\text{NDF}: 127090.8/25$

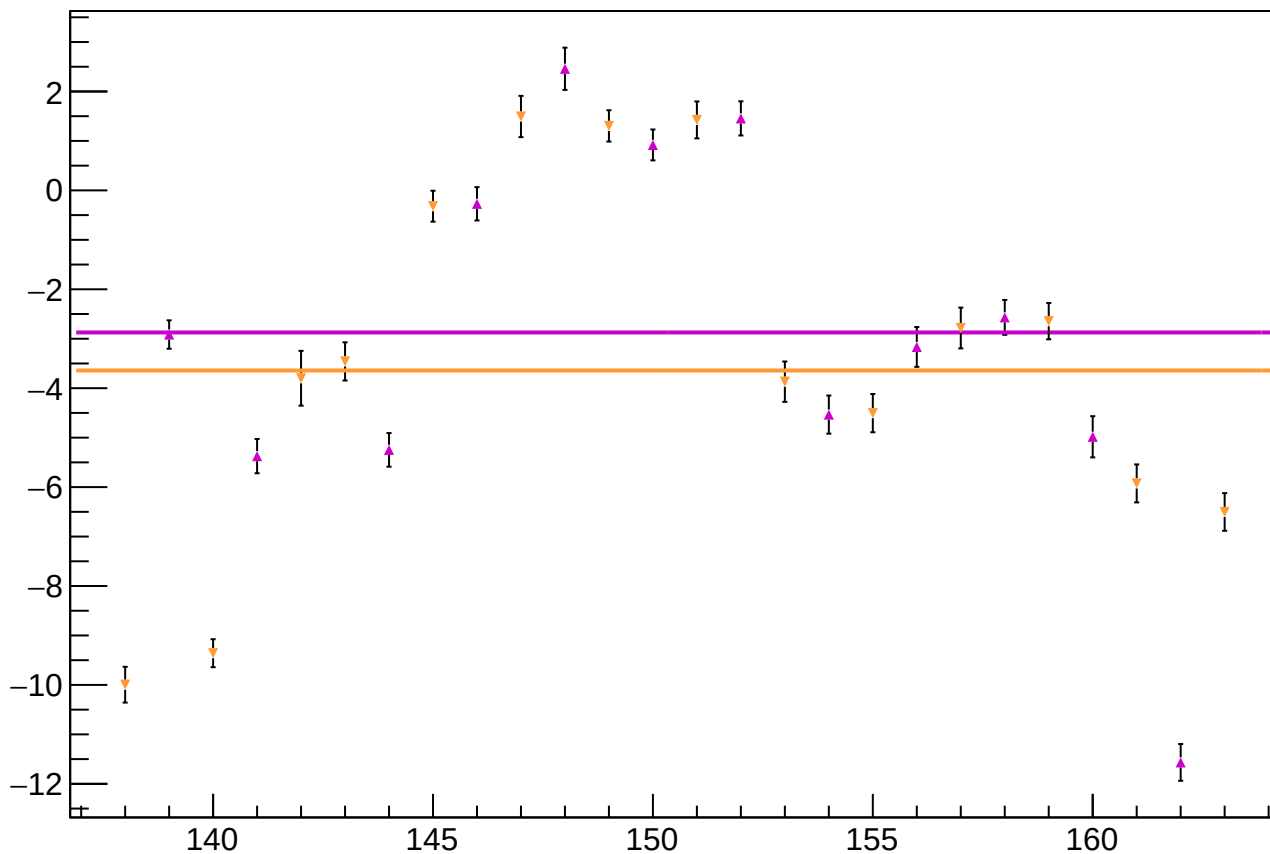
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.155 ± 0.010 $\chi^2/\text{NDF}: 61341.4/28$

Out: -19.822 ± 0.009 $\chi^2/\text{NDF}: 276987.2/32$

All: -19.983 ± 0.007 $\chi^2/\text{NDF}: 338959.6/61$

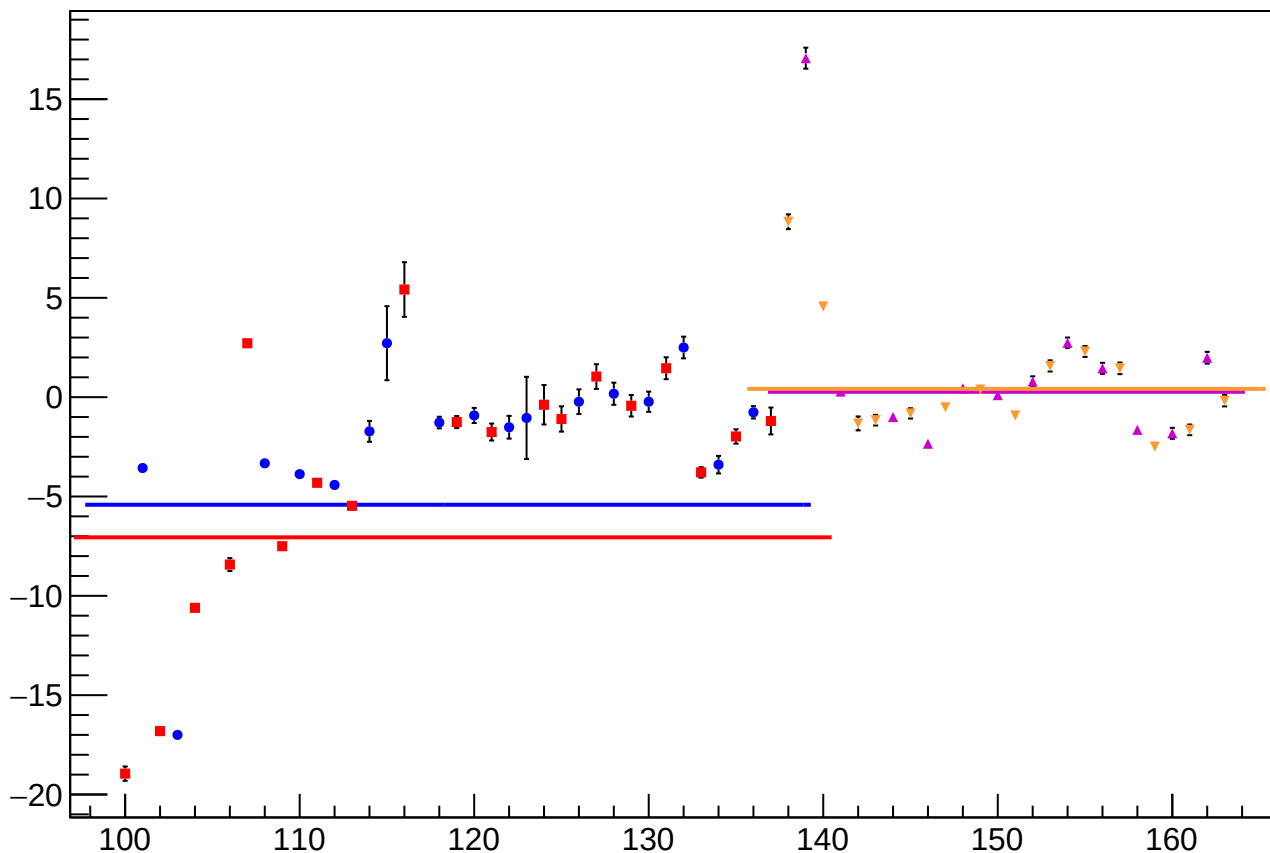
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -3.642 $\pm$ 0.099 χ^2/NDF :1518.0/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -2.873 $\pm$ 0.102 χ^2/NDF :1212.9/11

Left: -3.271 $\pm$ 0.071 χ^2/NDF : 2760.3/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -2.873 $\pm$ 0.102 χ^2/NDF :1212.9/11
 Out: -3.642 $\pm$ 0.099 χ^2/NDF :1518.0/13
 All: -3.271 $\pm$ 0.071 χ^2/NDF : 2760.3/25

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 $\chi^2/\text{NDF}: 9255.1/16$

Left Out: 0.417 ± 0.069 $\chi^2/\text{NDF}: 1228.8/13$

Right Out: -7.056 ± 0.059 $\chi^2/\text{NDF}: 12334.0/18$

Left In: 0.270 ± 0.073 $\chi^2/\text{NDF}: 1447.3/11$

Left: 0.348 ± 0.050 $\chi^2/\text{NDF}: 2678.3/25$

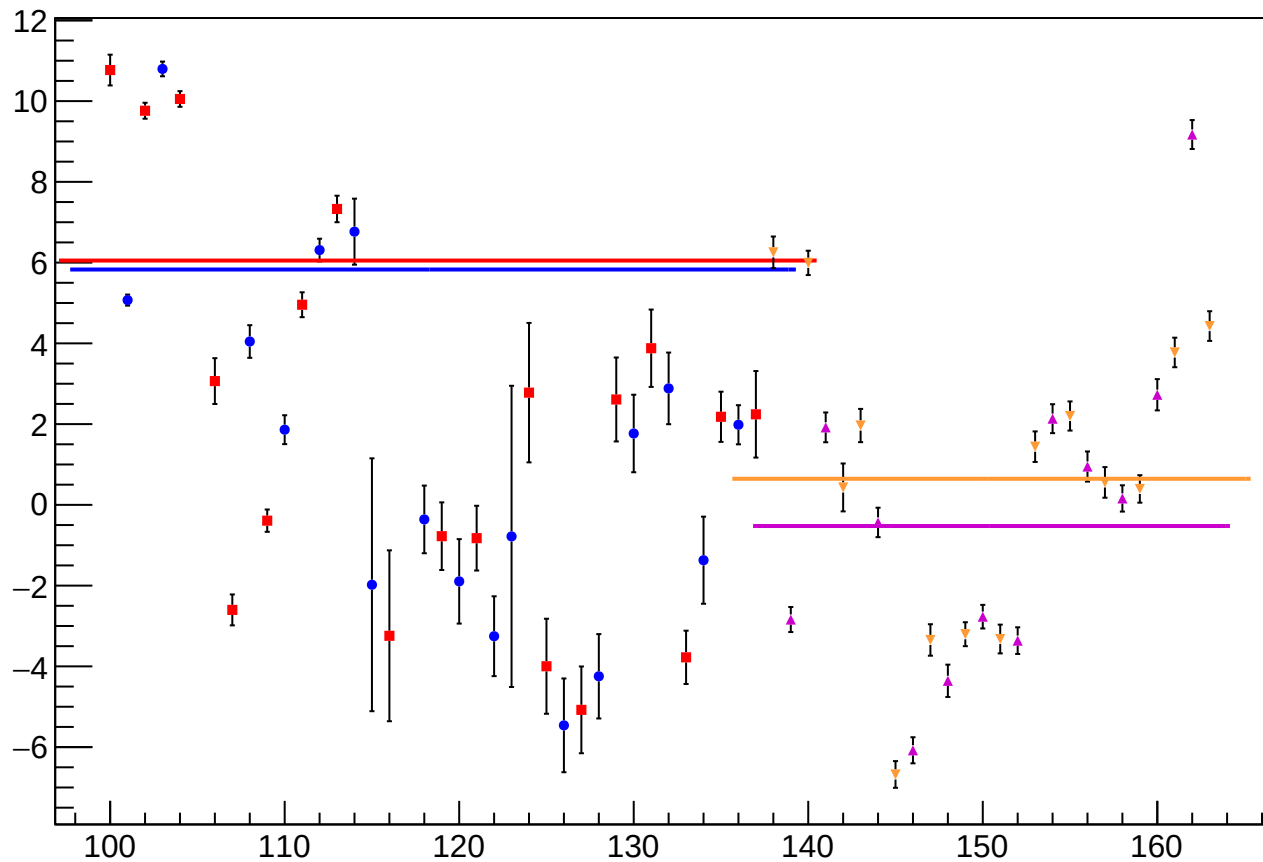
Right: -6.174 ± 0.040 $\chi^2/\text{NDF}: 22004.4/35$

In: -3.376 ± 0.044 $\chi^2/\text{NDF}: 14567.8/28$

Out: -3.897 ± 0.045 $\chi^2/\text{NDF}: 20341.7/32$

All: -3.631 ± 0.031 $\chi^2/\text{NDF}: 34978.4/61$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.646 $\pm$ 0.097 χ^2/NDF :1620.7/13

Right Out: 6.051 $\pm$ 0.093 χ^2/NDF : 2674.1/18

Left In: -0.524 $\pm$ 0.100 χ^2/NDF :1499.1/11

Left: 0.076 $\pm$ 0.069 χ^2/NDF : 3190.7/25

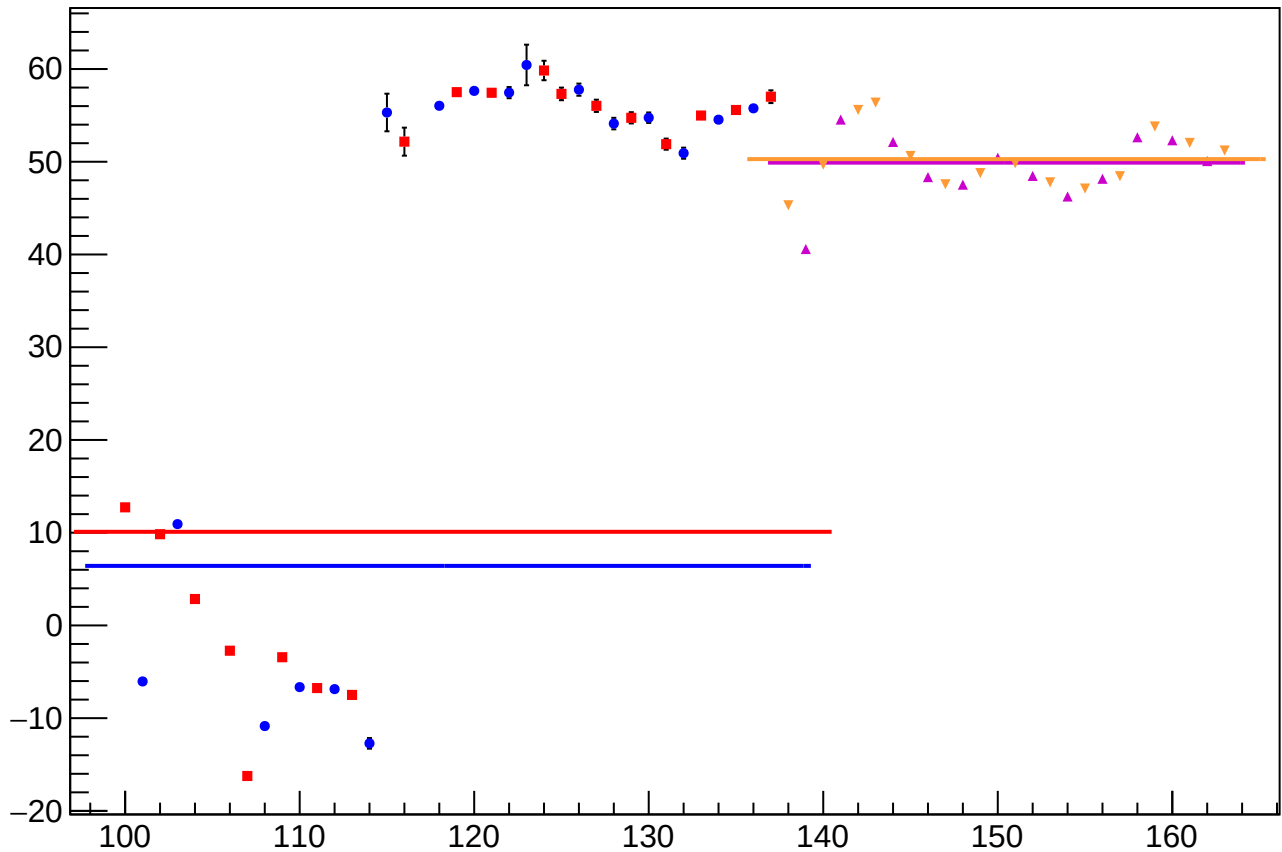
Right: 5.936 $\pm$ 0.065 χ^2/NDF : 4125.3/35

In: 2.985 $\pm$ 0.067 χ^2/NDF :5196.6/28

Out: 3.453 $\pm$ 0.067 χ^2/NDF :5908.4/32

All: 3.217 $\pm$ 0.047 χ^2/NDF : 11129.4/61

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 $\pm$ 0.065 χ^2 /NDF: 123109.7/16

Left Out: 50.284 $\pm$ 0.081 χ^2 /NDF:1216.0/13

Right Out: 10.096 $\pm$ 0.070 χ^2 /NDF: 122124.3/18

Left In: 49.904 $\pm$ 0.085 χ^2 /NDF:1114.9/11

Left: 50.104 $\pm$ 0.059 χ^2 /NDF: 2341.4/25

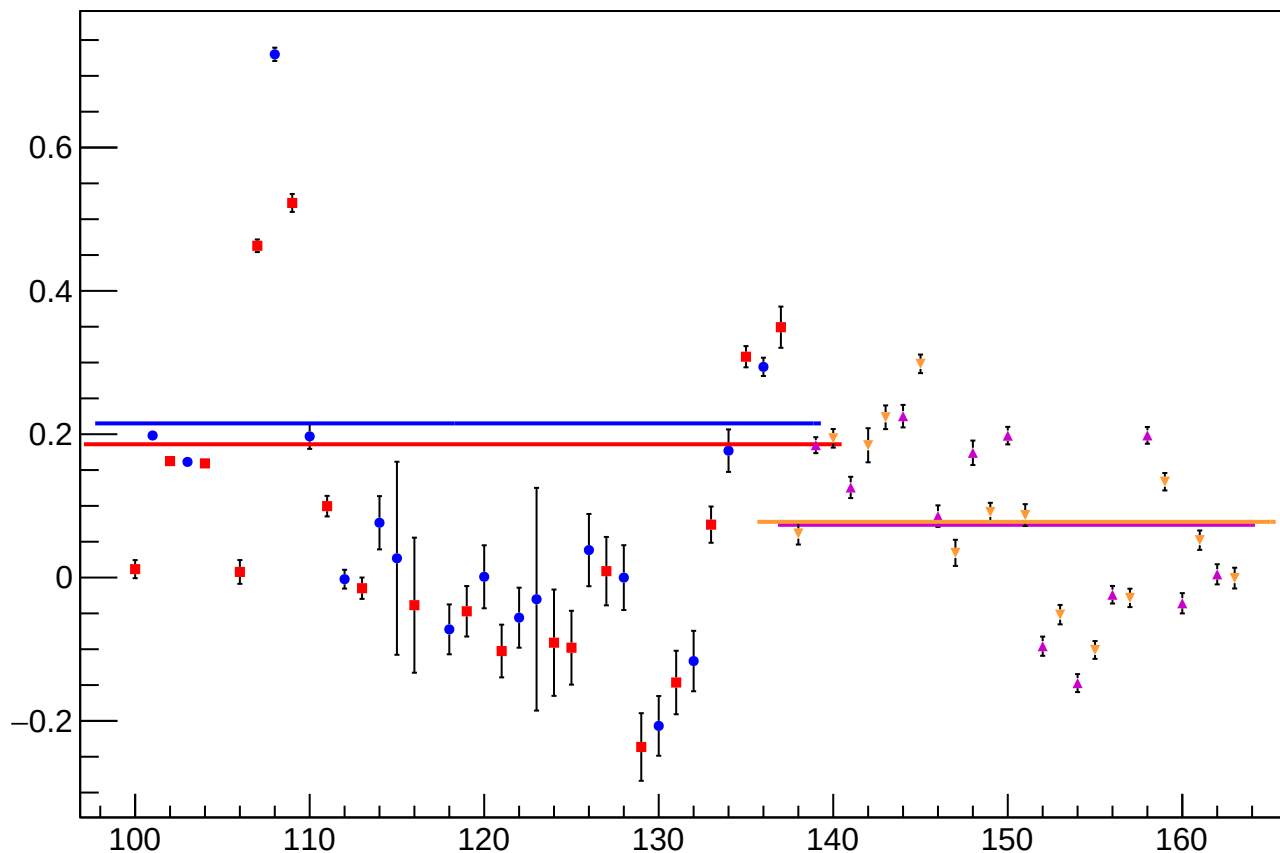
Right: 8.122 $\pm$ 0.047 χ^2 /NDF: 246726.1/35

In: 22.341 $\pm$ 0.052 χ^2 /NDF:289434.7/28

Out: 27.225 $\pm$ 0.053 χ^2 /NDF:264988.5/32

All: 24.724 $\pm$ 0.037 χ^2 /NDF: 558803.2/61

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.078 $\pm$ 0.004 χ^2 /NDF: 896.6/13

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.074 $\pm$ 0.004 χ^2 /NDF: 1074.8/11

Left: 0.076 $\pm$ 0.003 χ^2 /NDF: 1972.0/25

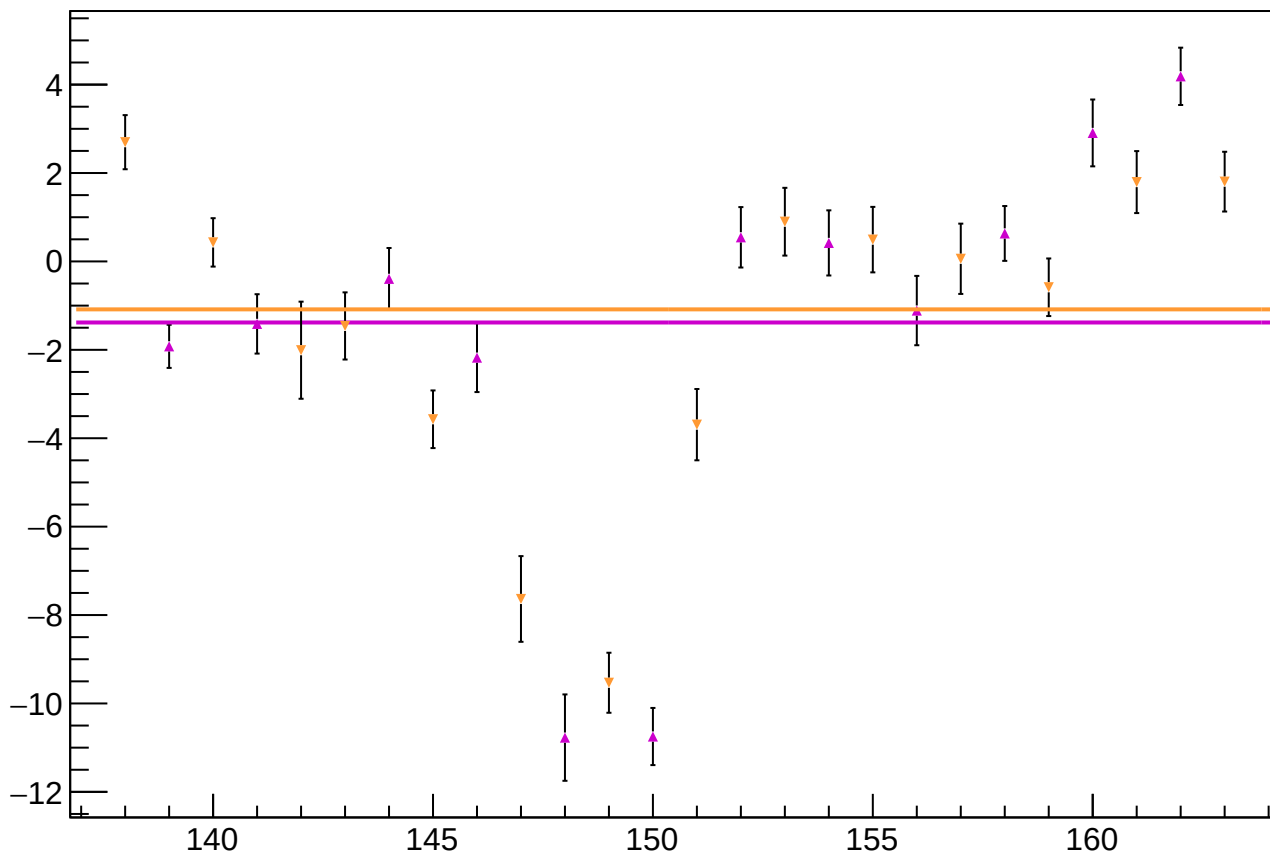
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.167 $\pm$ 0.002 χ^2 /NDF: 5889.4/28

Out: 0.150 $\pm$ 0.002 χ^2 /NDF: 4159.9/32

All: 0.158 $\pm$ 0.002 χ^2 /NDF: 10079.8/61

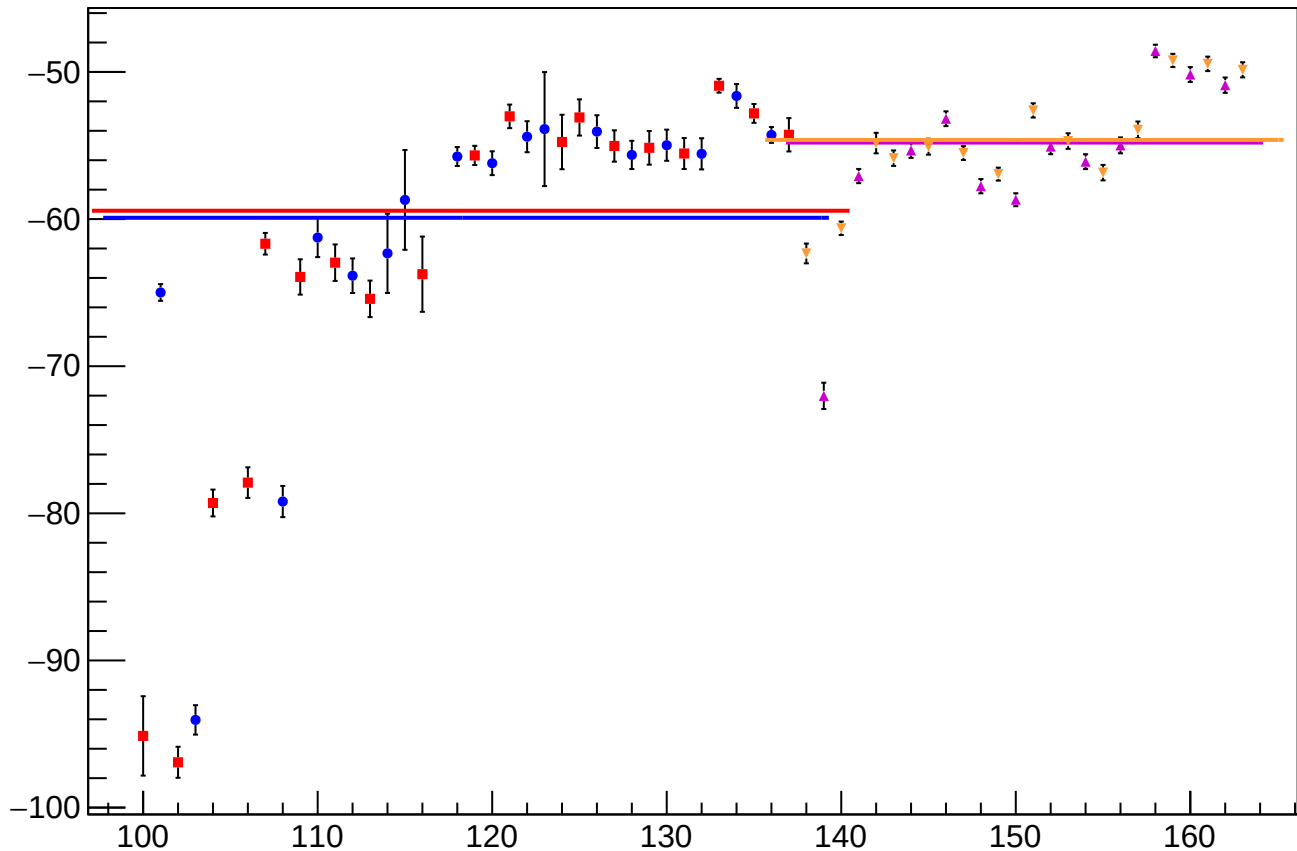
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.085 $\pm$ 0.191 χ^2 /NDF:321.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.382 $\pm$ 0.197 χ^2 /NDF:437.1/11

Left: -1.229 $\pm$ 0.137 χ^2 /NDF: 759.5/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -1.382 $\pm$ 0.197 χ^2 /NDF:437.1/11
 Out: -1.085 $\pm$ 0.191 χ^2 /NDF:321.3/13
 All: -1.229 $\pm$ 0.137 χ^2 /NDF: 759.5/25

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.618 ± 0.137 χ^2/NDF : 718.4/13

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.800 ± 0.146 χ^2/NDF : 876.3/11

Left: -54.704 ± 0.100 χ^2/NDF : 1595.5/25

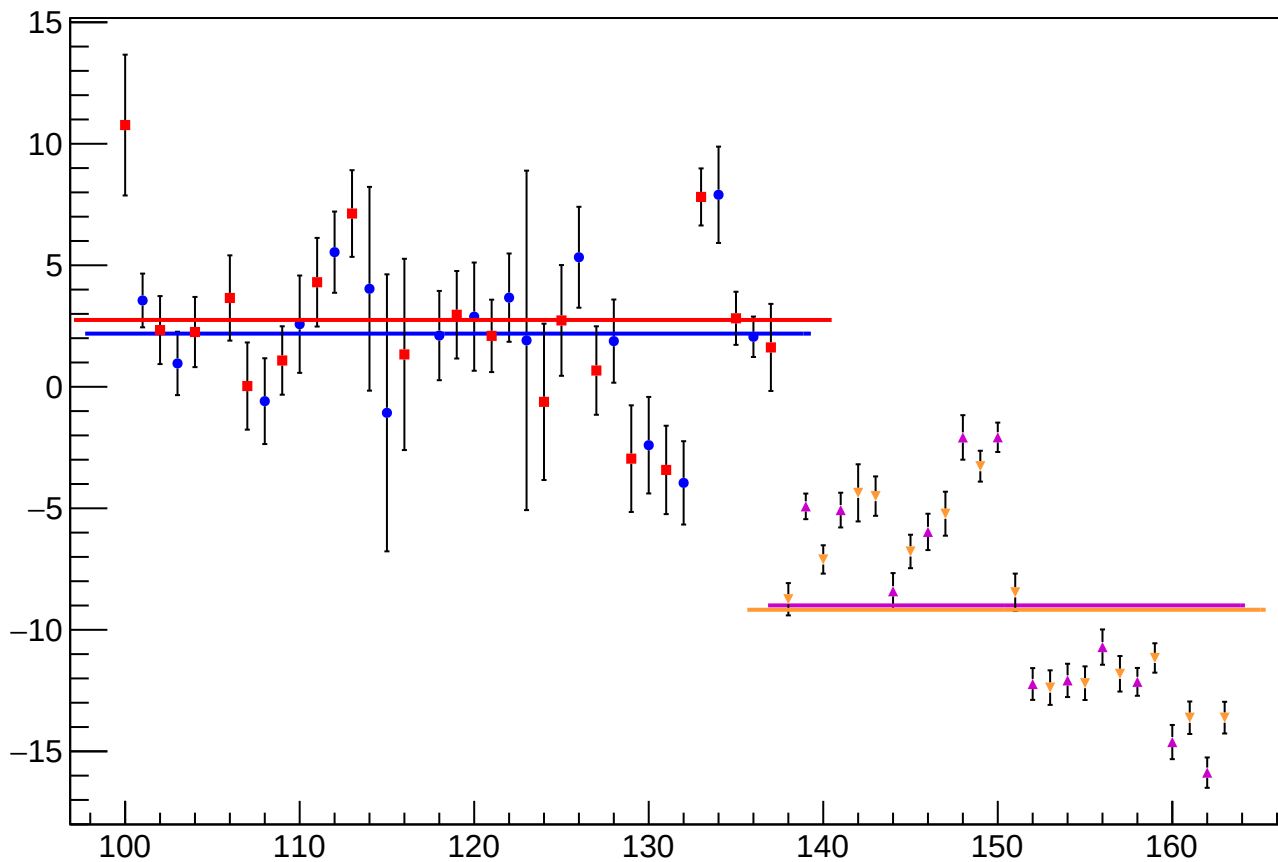
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.331 ± 0.122 χ^2/NDF : 3224.4/28

Out: -56.042 ± 0.115 χ^2/NDF : 4001.6/32

All: -56.178 ± 0.084 χ^2/NDF : 7228.9/61

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189+/-0.405 χ^2/NDF : 39.1/16

Left Out: -9.174+/-0.188 χ^2/NDF : 335.3/13

Right Out: 2.751+/-0.387 χ^2/NDF : 58.6/18

Left In: -8.996+/-0.192 χ^2/NDF : 560.7/11

Left: -9.087+/-0.134 χ^2/NDF : 896.4/25

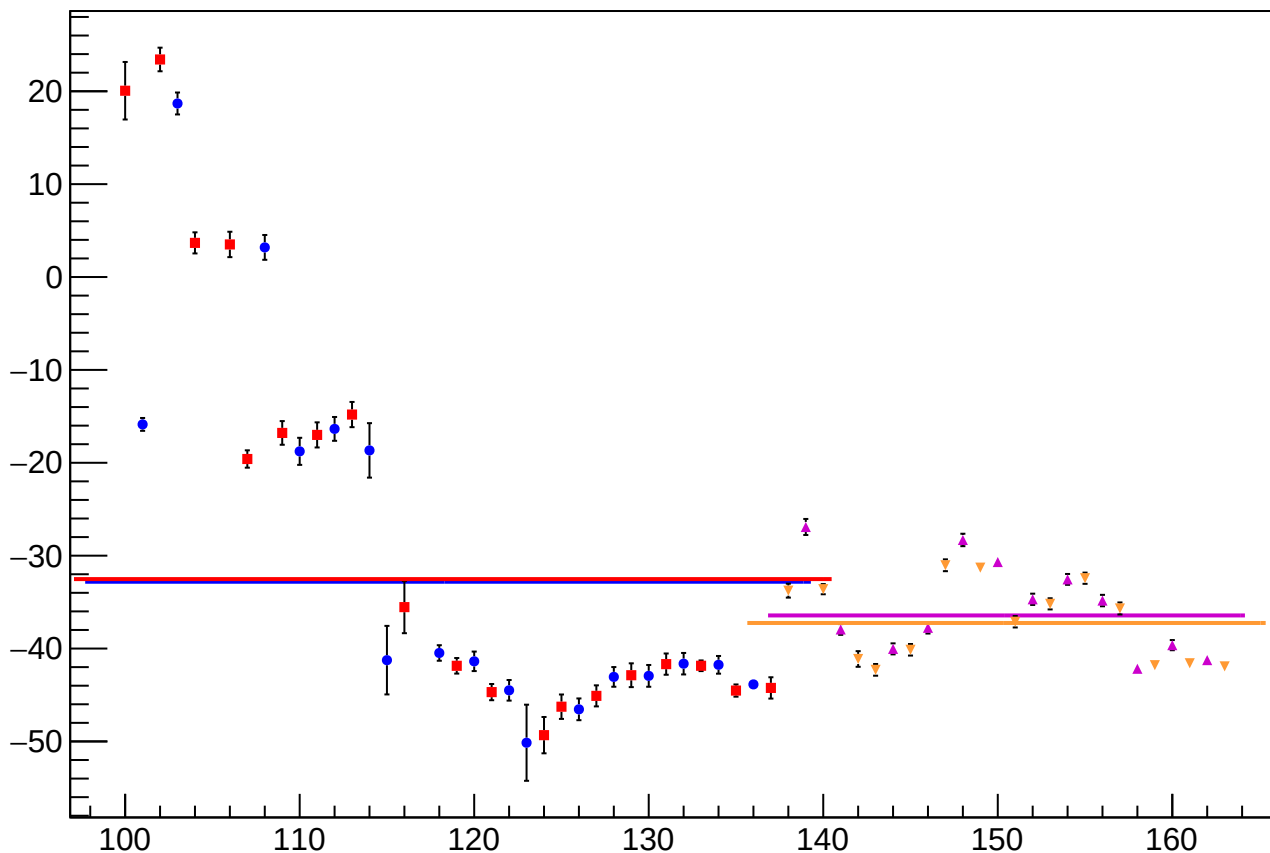
Right: 2.482+/-0.280 χ^2/NDF : 98.7/35

In: -6.936+/-0.174 χ^2/NDF : 1223.4/28

Out: -6.896+/-0.169 χ^2/NDF : 1160.6/32

All: -6.915+/-0.121 χ^2/NDF : 2384.0/61

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: -37.247 ± 0.159 $\chi^2/\text{NDF}: 710.6/13$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.435 ± 0.167 $\chi^2/\text{NDF}: 778.4/11$

Left: -36.862 ± 0.115 $\chi^2/\text{NDF}: 1501.5/25$

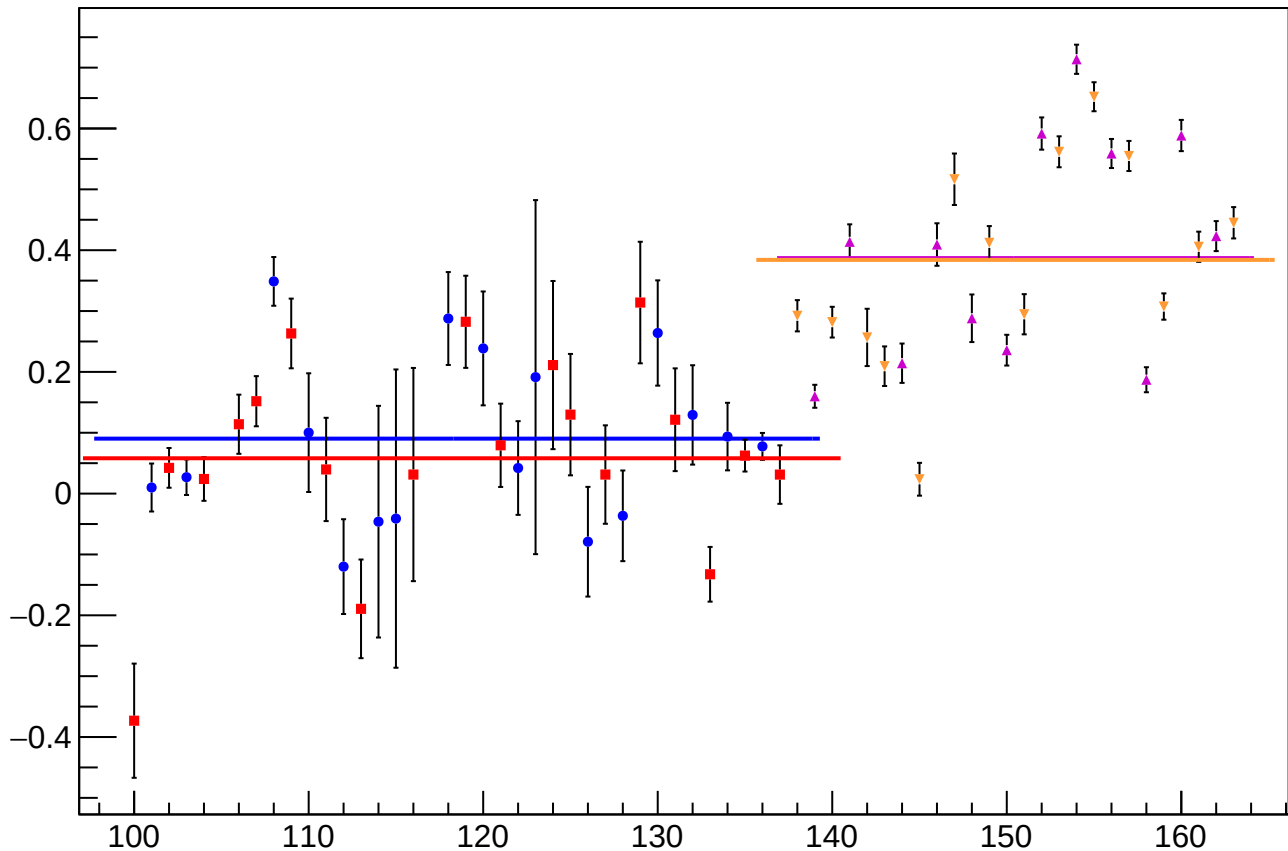
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -35.340 ± 0.140 $\chi^2/\text{NDF}: 5583.5/28$

Out: -35.839 ± 0.133 $\chi^2/\text{NDF}: 7014.8/32$

All: -35.602 ± 0.096 $\chi^2/\text{NDF}: 12605.0/61$

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: 0.384 ± 0.007 $\chi^2/\text{NDF}: 504.2/13$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.387 ± 0.007 $\chi^2/\text{NDF}: 672.0/11$

Left: 0.386 ± 0.005 $\chi^2/\text{NDF}: 1176.2/25$

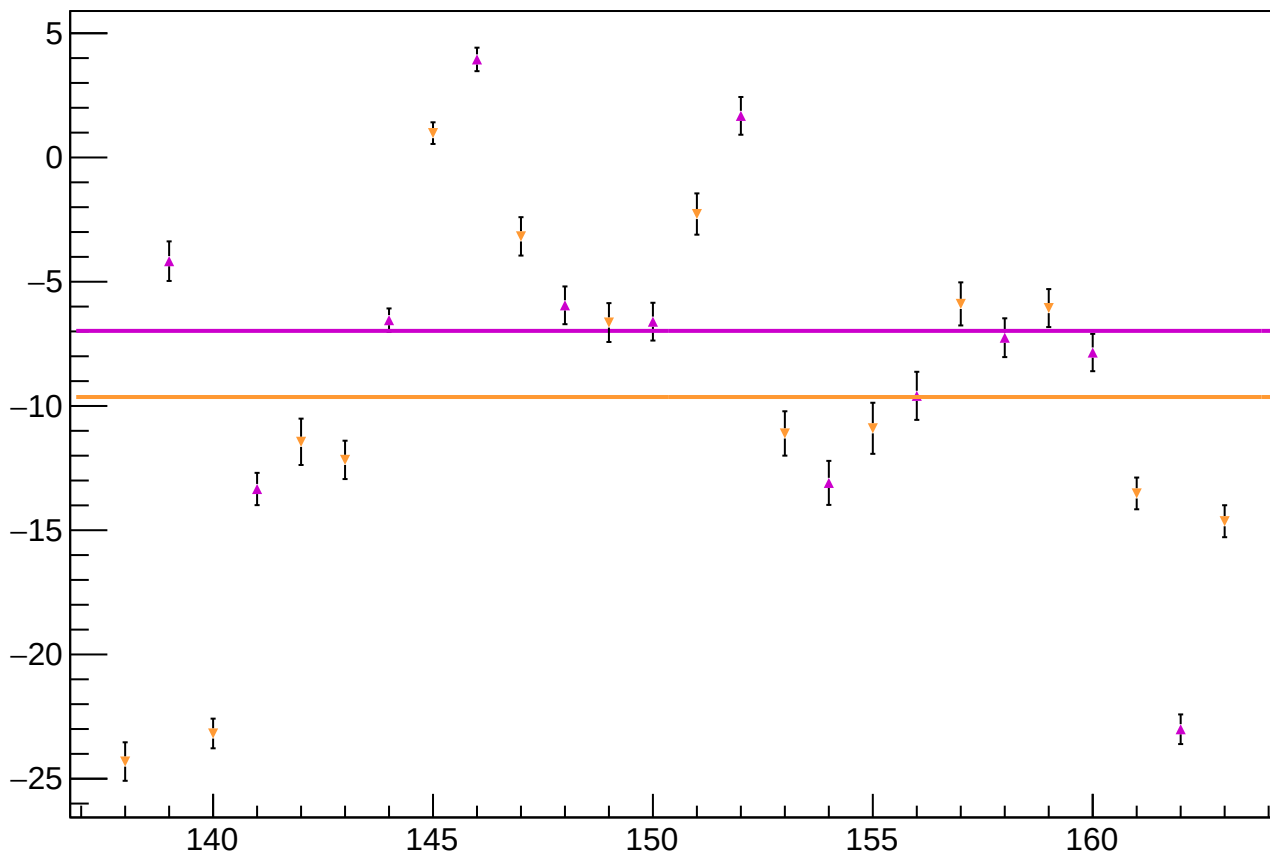
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.313 ± 0.006 $\chi^2/\text{NDF}: 1158.6/28$

Out: 0.298 ± 0.006 $\chi^2/\text{NDF}: 1121.7/32$

All: 0.305 ± 0.004 $\chi^2/\text{NDF}: 2283.0/61$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -9.640 ± 0.191 χ^2/NDF : 1786.6/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -6.978 ± 0.194 χ^2/NDF : 1553.9/11

Left: -8.327 ± 0.136 χ^2/NDF : 3436.3/25

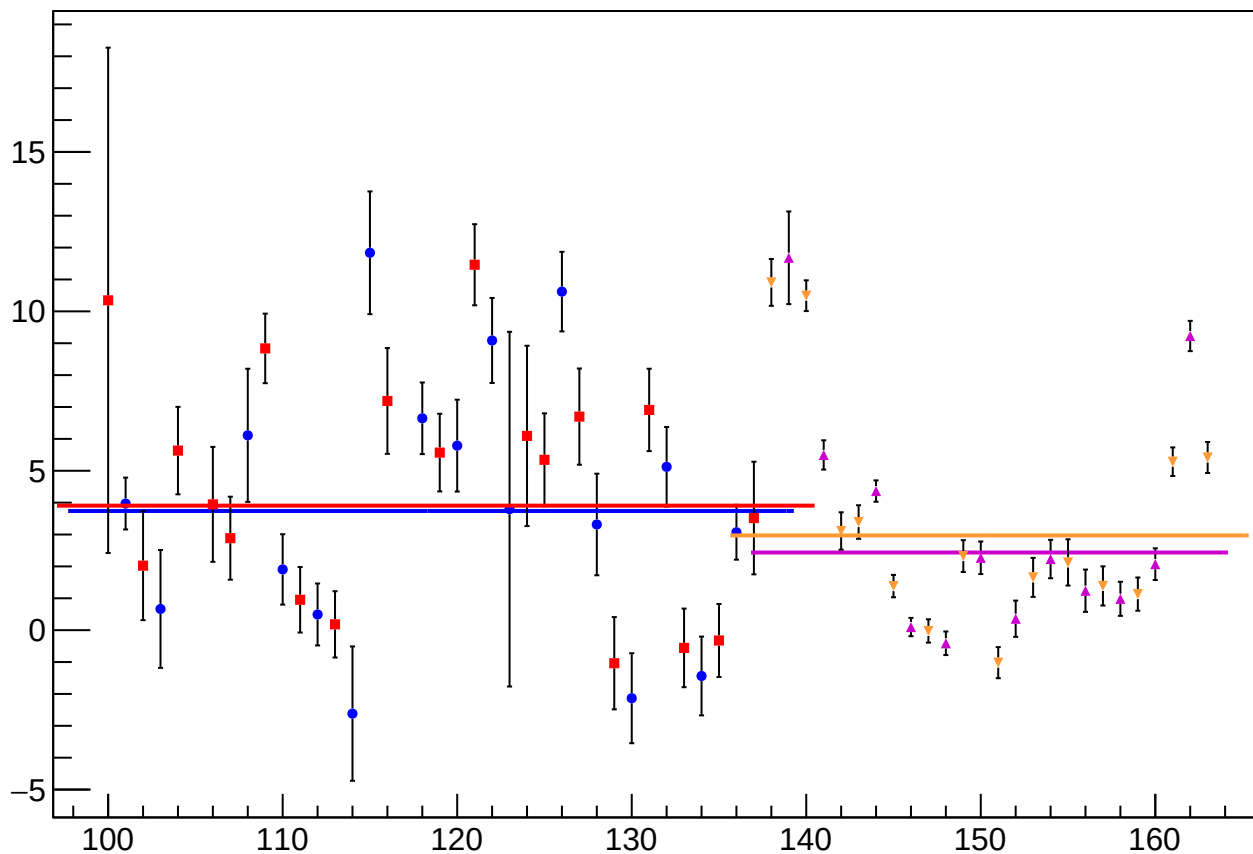
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -6.978 ± 0.194 χ^2/NDF : 1553.9/11

Out: -9.640 ± 0.191 χ^2/NDF : 1786.6/13

All: -8.327 ± 0.136 χ^2/NDF : 3436.3/25

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.972 $\pm$ 0.133 χ^2 /NDF: 593.4/13

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 2.436 $\pm$ 0.132 χ^2 /NDF: 473.2/11

Left: 2.702 $\pm$ 0.094 χ^2 /NDF: 1074.8/25

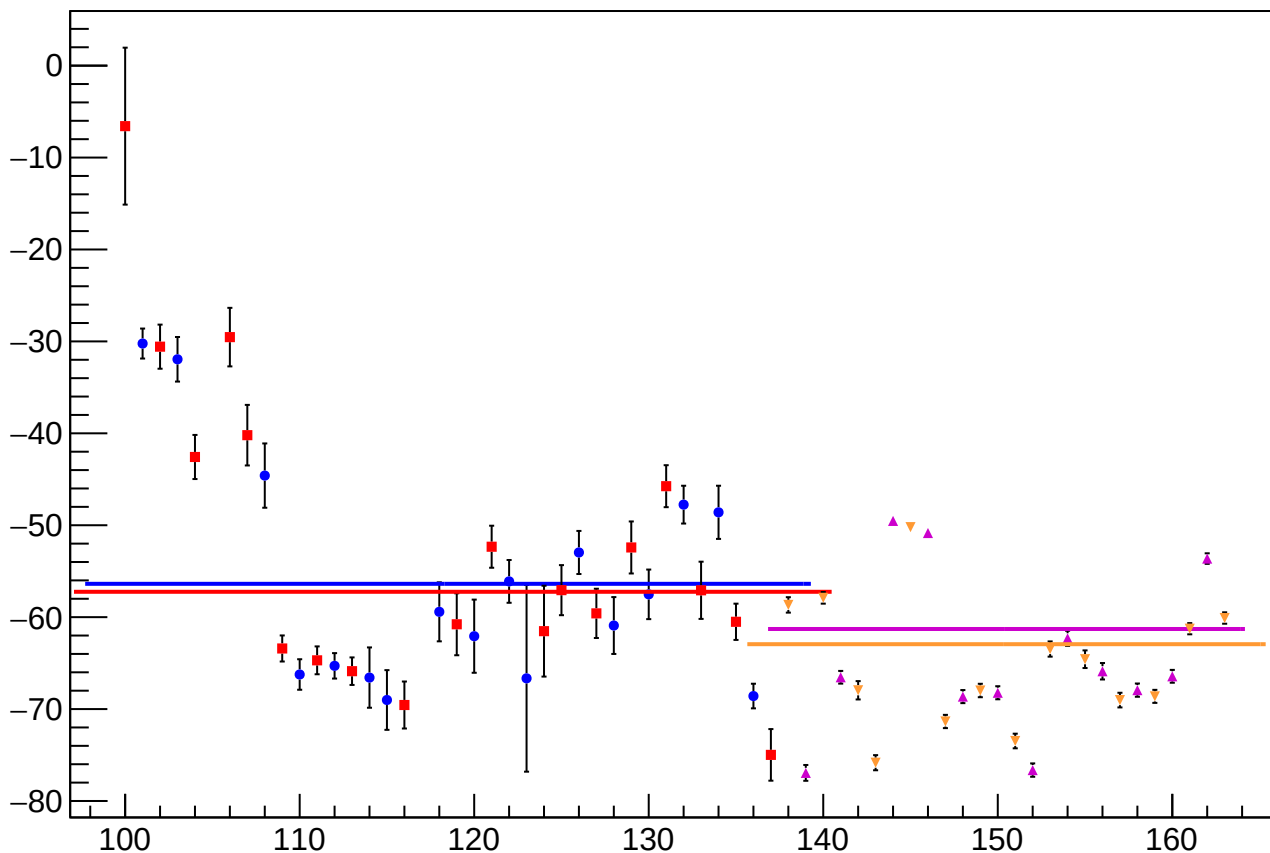
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.637 $\pm$ 0.121 χ^2 /NDF: 625.1/28

Out: 3.112 $\pm$ 0.123 χ^2 /NDF: 736.3/32

All: 2.872 $\pm$ 0.086 χ^2 /NDF: 1369.0/61

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -62.941 ± 0.190 χ^2/NDF : 1626.1/13

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -61.287 ± 0.190 χ^2/NDF : 2453.4/11

Left: -62.114 ± 0.134 χ^2/NDF : 4117.5/25

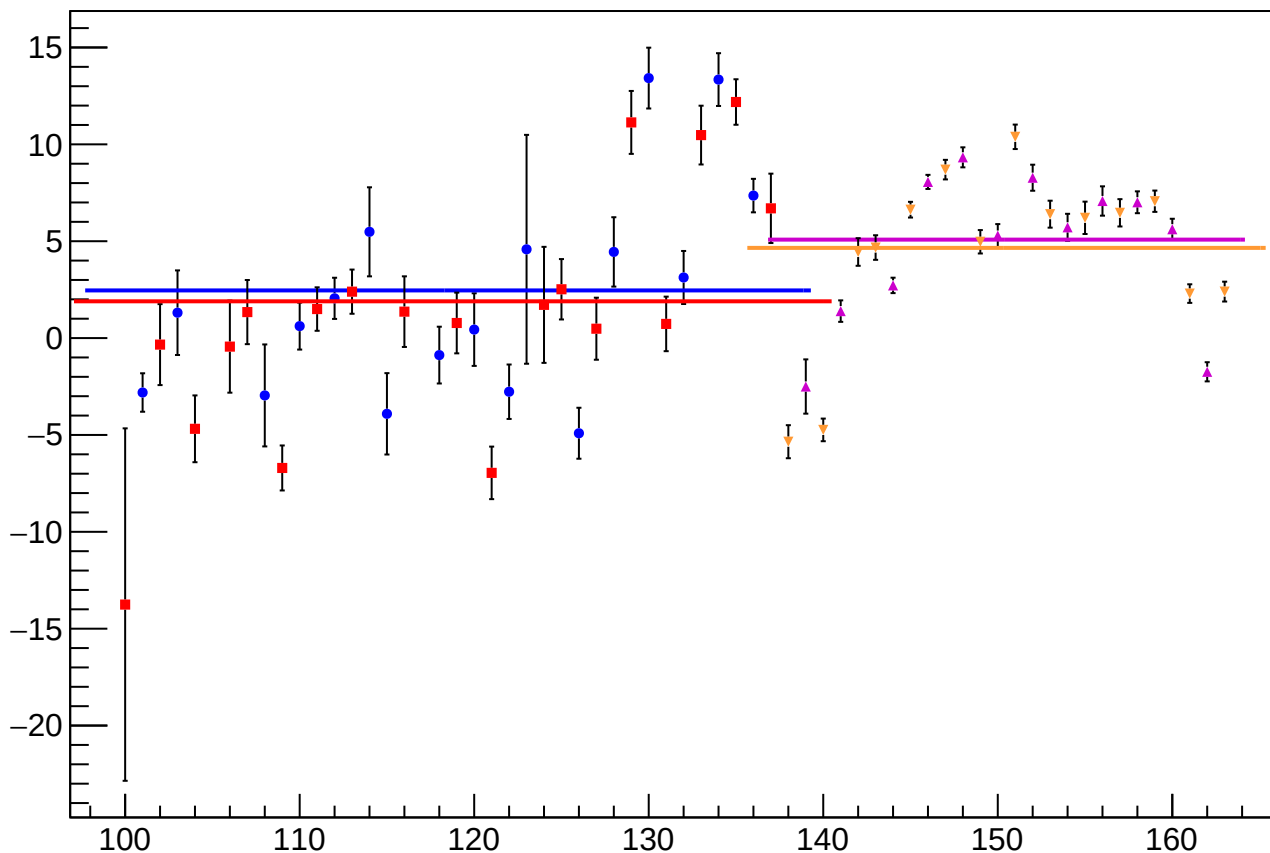
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -60.753 ± 0.179 χ^2/NDF : 3114.0/28

Out: -62.306 ± 0.179 χ^2/NDF : 2203.0/32

All: -61.530 ± 0.127 χ^2/NDF : 5354.7/61

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.656 ± 0.156 χ^2/NDF : 645.8/13

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.082 ± 0.156 χ^2/NDF : 476.5/11

Left: 4.868 ± 0.111 χ^2/NDF : 1125.9/25

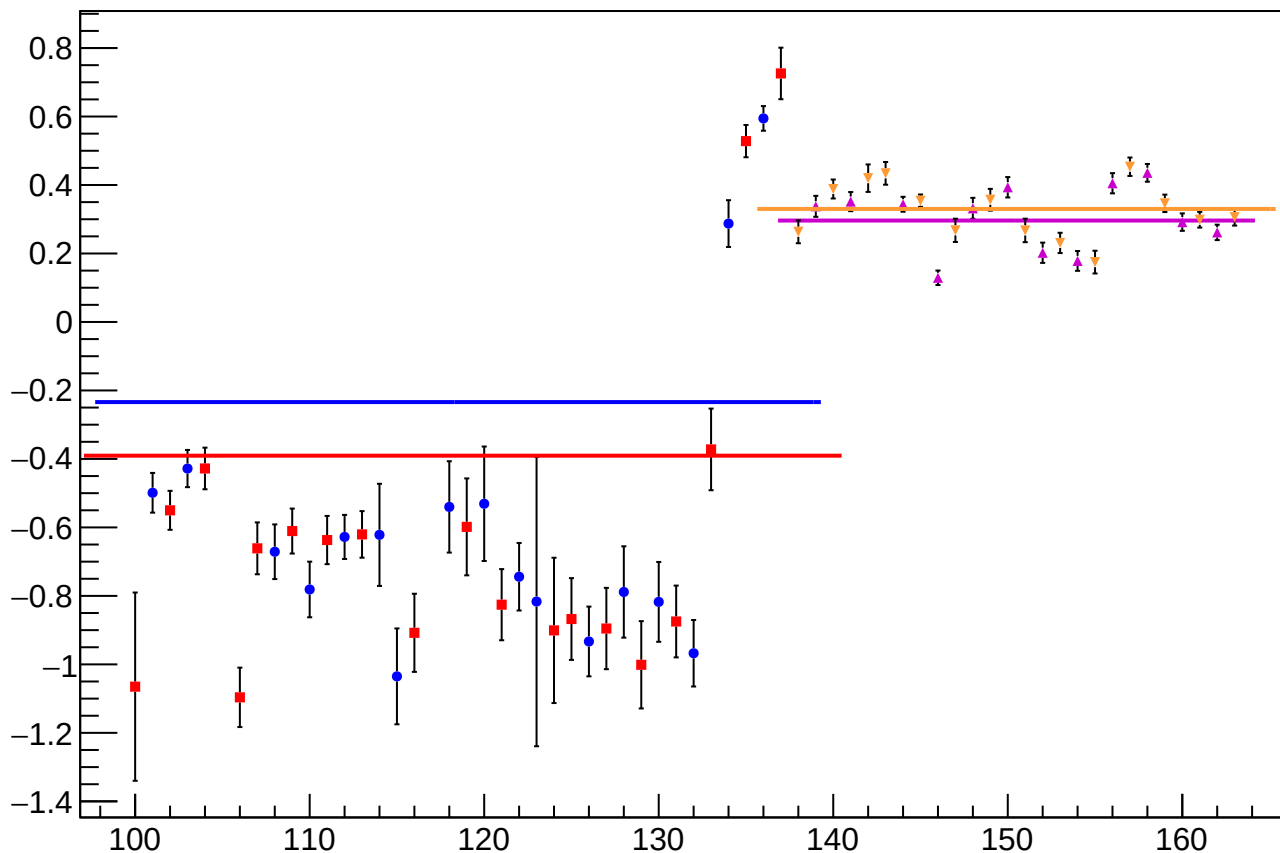
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.637 ± 0.143 χ^2/NDF : 768.0/28

Out: 4.208 ± 0.143 χ^2/NDF : 964.4/32

All: 4.423 ± 0.101 χ^2/NDF : 1737.0/61

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: 0.330 ± 0.007 χ^2/NDF : 89.8/13

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.296 ± 0.008 χ^2/NDF : 156.7/11

Left: 0.313 ± 0.005 χ^2/NDF : 256.6/25

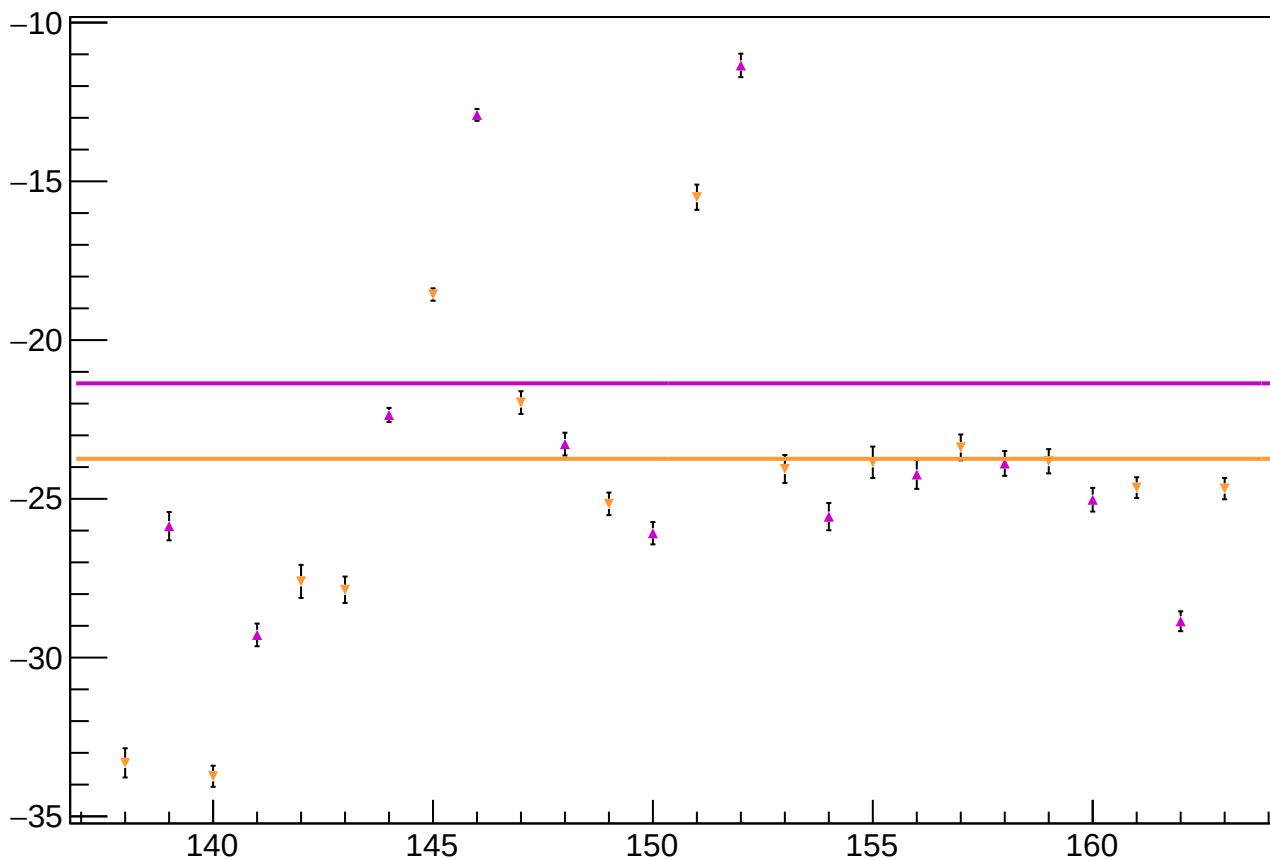
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.223 ± 0.007 χ^2/NDF : 1793.0/28

Out: 0.234 ± 0.007 χ^2/NDF : 2193.7/32

All: 0.228 ± 0.005 χ^2/NDF : 3988.0/61

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



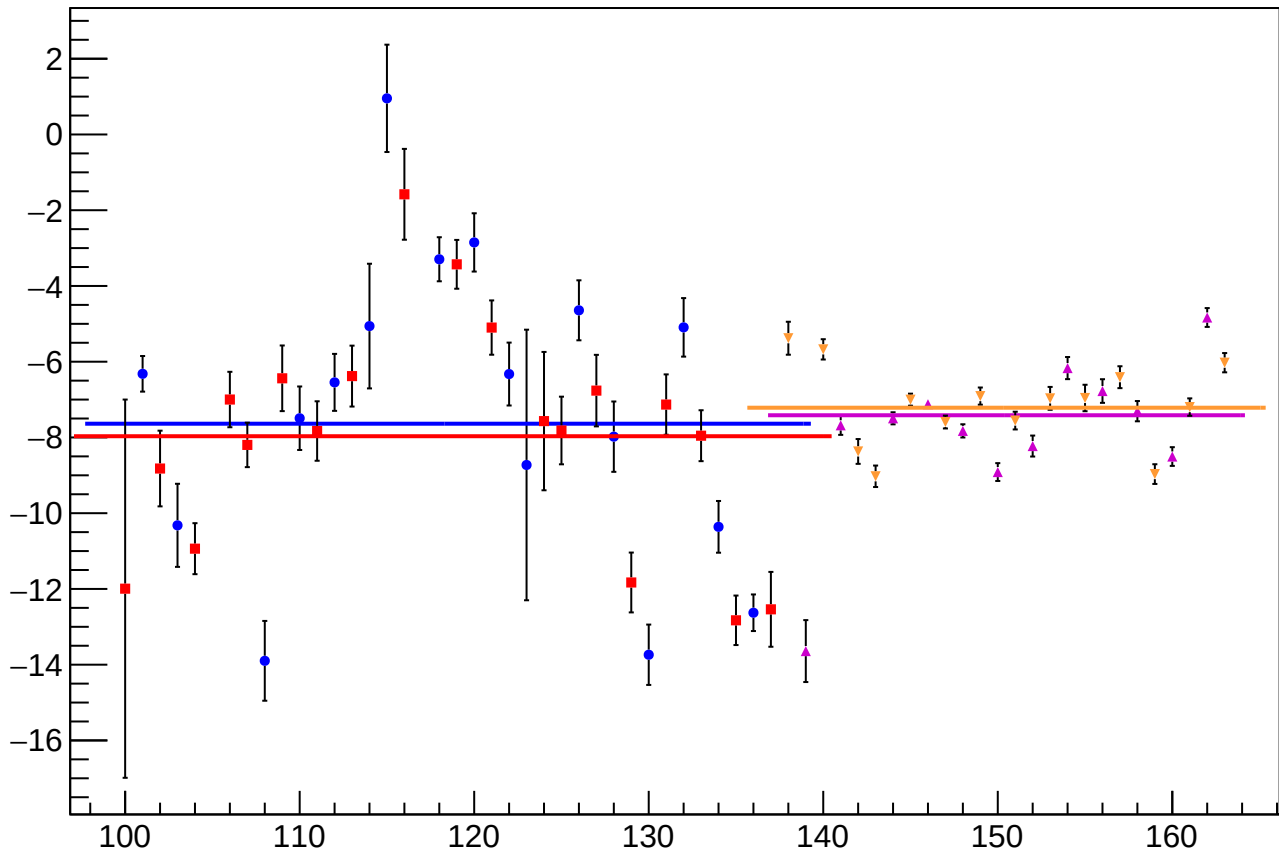
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.740+/-0.095 χ^2/NDF :2685.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.363+/-0.092 χ^2/NDF :4439.2/11

Left: -22.516+/-0.066 χ^2/NDF : 7450.7/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.363+/-0.092 χ^2/NDF :4439.2/11
 Out: -23.740+/-0.095 χ^2/NDF :2685.8/13

All: -22.516+/-0.066 χ^2/NDF : 7450.7/25

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.215 ± 0.065 χ^2/NDF : 190.9/13

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.414 ± 0.062 χ^2/NDF : 270.1/11

Left: -7.320 ± 0.045 χ^2/NDF : 465.9/25

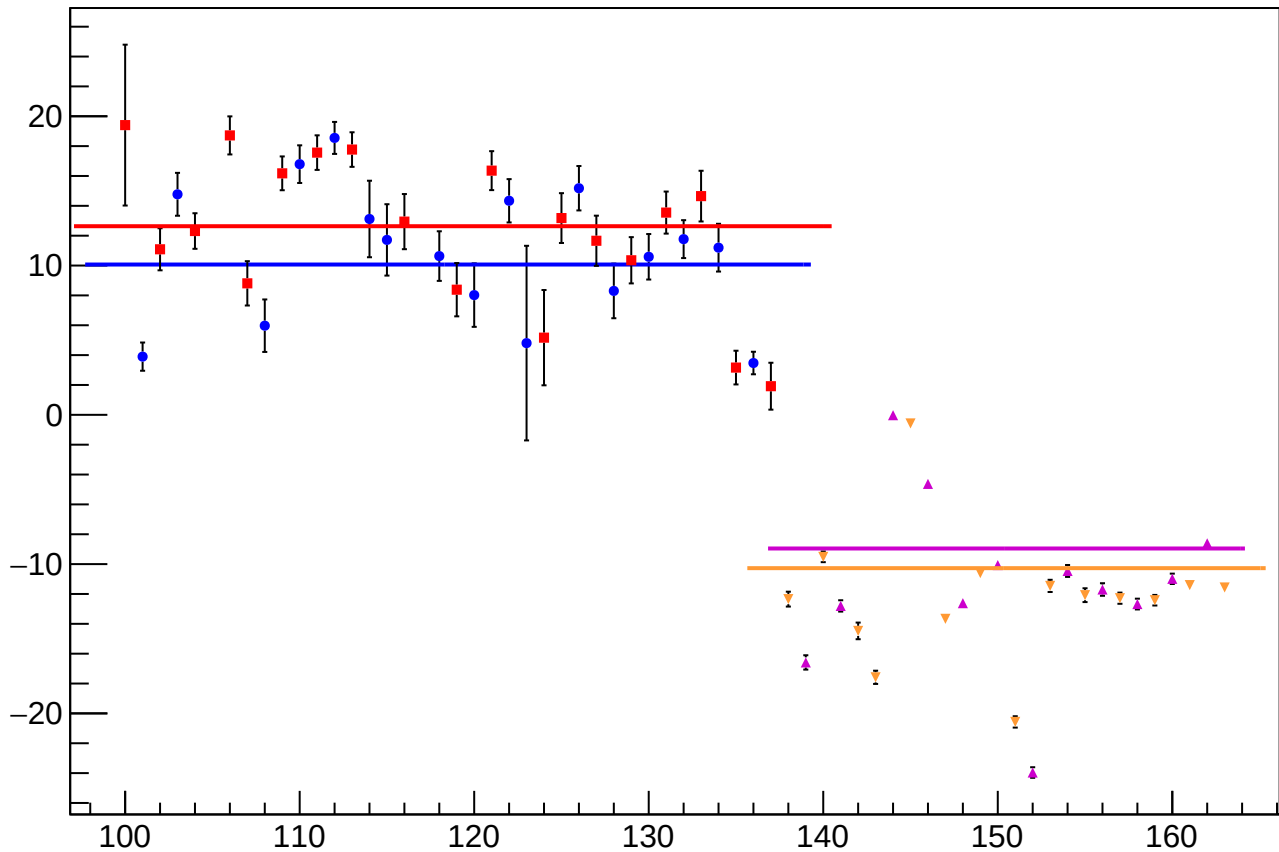
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.436 ± 0.059 χ^2/NDF : 665.4/28

Out: -7.298 ± 0.062 χ^2/NDF : 432.7/32

All: -7.371 ± 0.043 χ^2/NDF : 1100.7/61

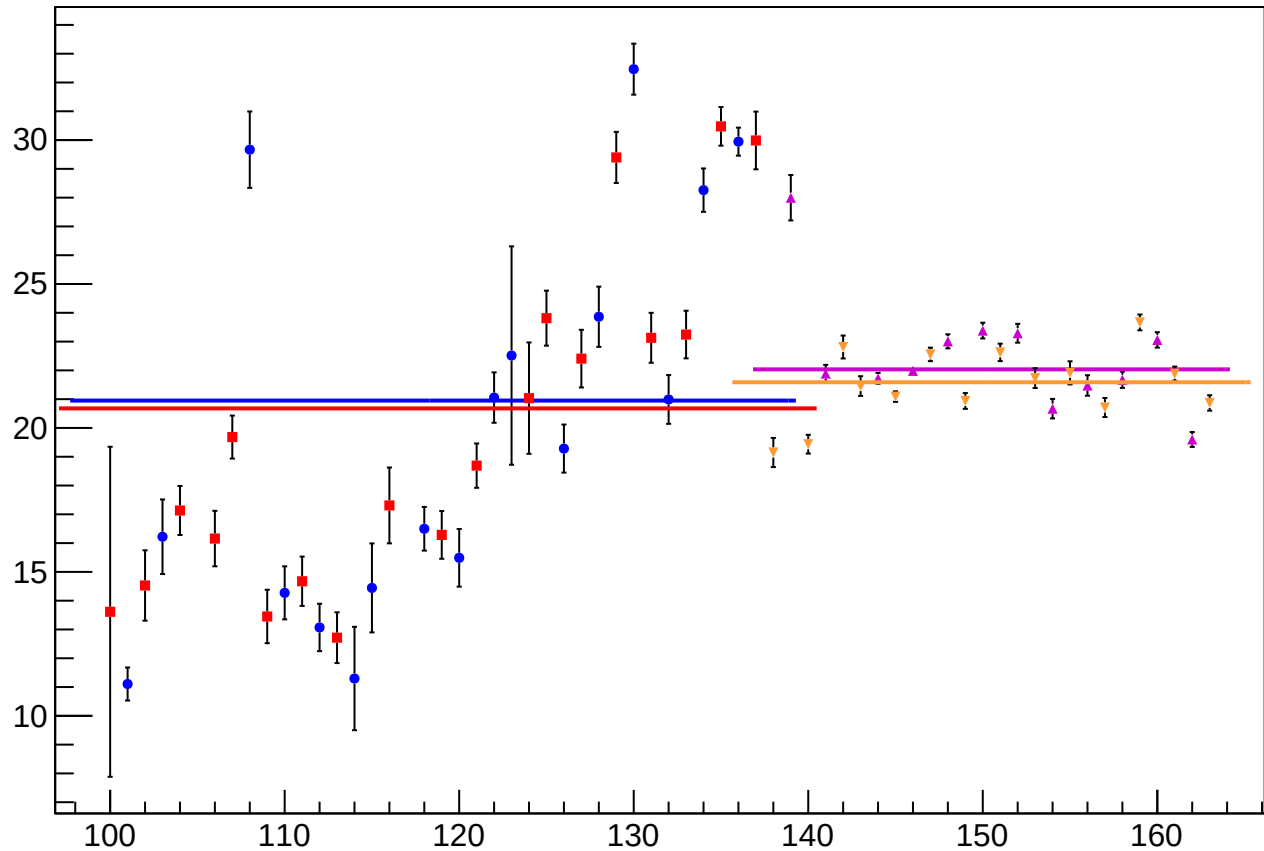
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -10.271 ± 0.094 $\chi^2/\text{NDF}: 3519.5/13$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -8.954 ± 0.090 $\chi^2/\text{NDF}: 4447.5/11$

Left: -9.584 ± 0.065 $\chi^2/\text{NDF}: 8070.5/25$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -7.700 ± 0.087 $\chi^2/\text{NDF}: 7669.9/28$
 Out: -8.591 ± 0.090 $\chi^2/\text{NDF}: 8138.7/32$
 All: -8.128 ± 0.062 $\chi^2/\text{NDF}: 15859.3/61$

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: 21.588 $\pm$ 0.077 χ^2 /NDF:192.5/13

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.035 $\pm$ 0.074 χ^2 /NDF:238.2/11

Left: 21.822 $\pm$ 0.053 χ^2 /NDF: 448.3/25

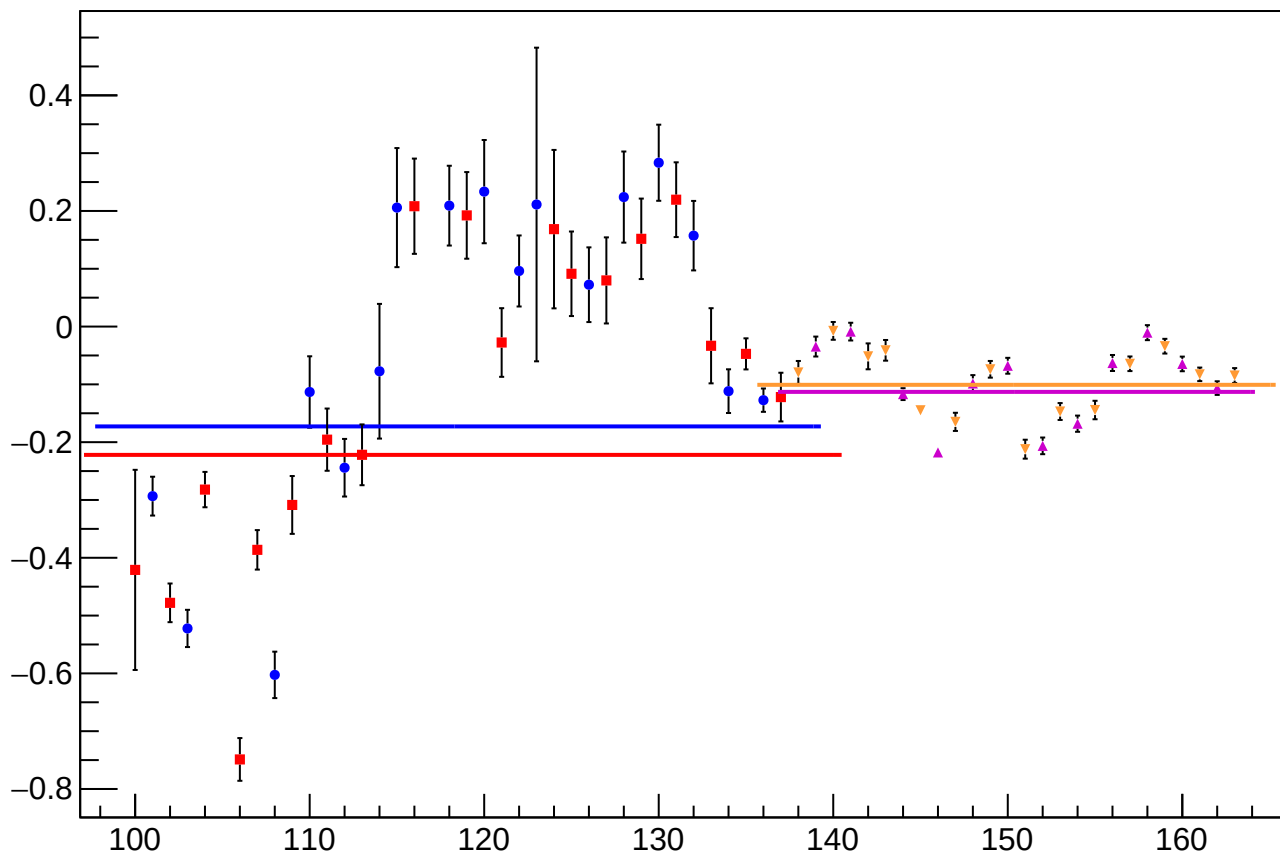
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.916 $\pm$ 0.070 χ^2 /NDF:1484.7/28

Out: 21.482 $\pm$ 0.073 χ^2 /NDF:937.0/32

All: 21.708 $\pm$ 0.050 χ^2 /NDF: 2440.4/61

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: -0.101 ± 0.004 χ^2/NDF : 207.0/13

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.113 ± 0.004 χ^2/NDF : 380.3/11

Left: -0.107 ± 0.003 χ^2/NDF : 592.9/25

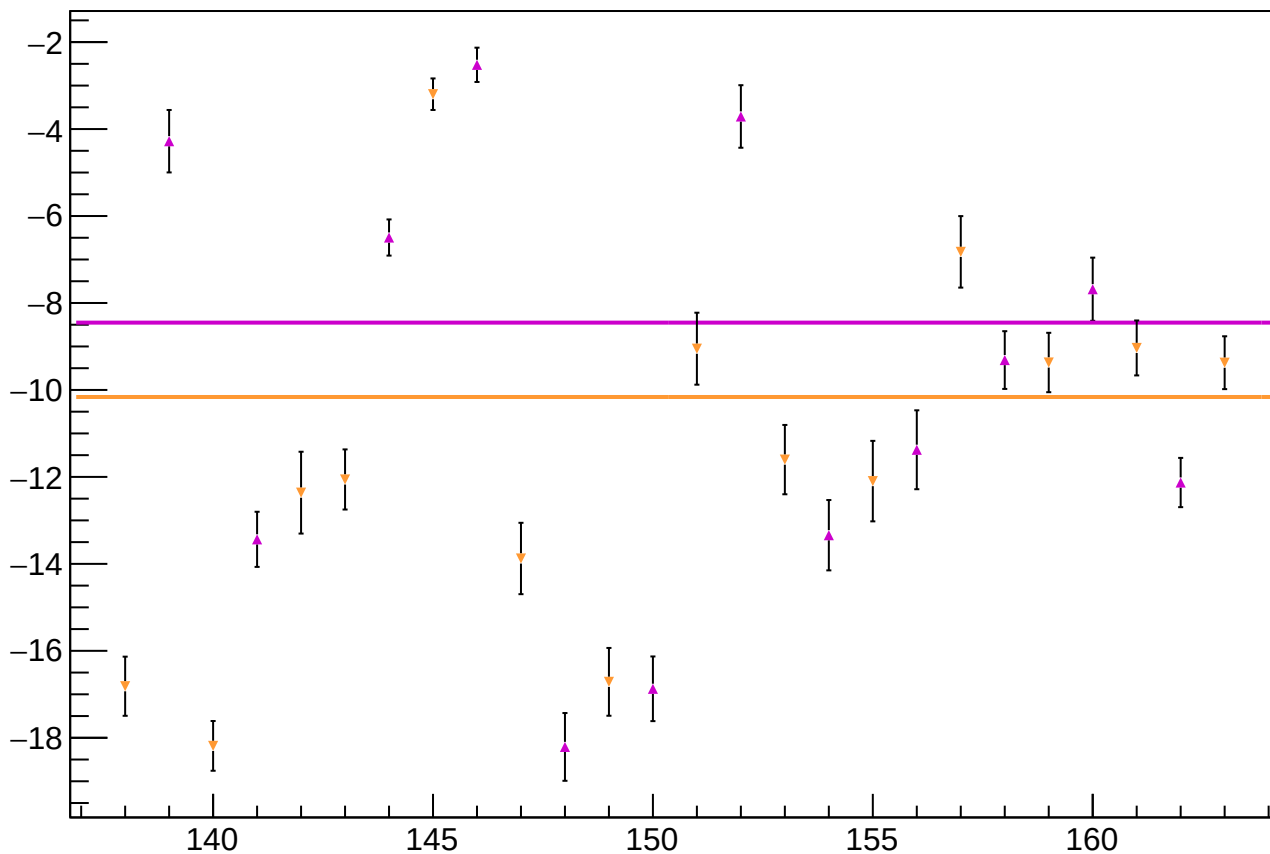
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.119 ± 0.003 χ^2/NDF : 866.4/28

Out: -0.113 ± 0.003 χ^2/NDF : 853.7/32

All: -0.116 ± 0.002 χ^2/NDF : 1721.4/61

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.162+/-0.176 χ^2/NDF : 797.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.452+/-0.177 χ^2/NDF : 764.0/11

Left: -9.309+/-0.125 χ^2/NDF : 1608.3/25

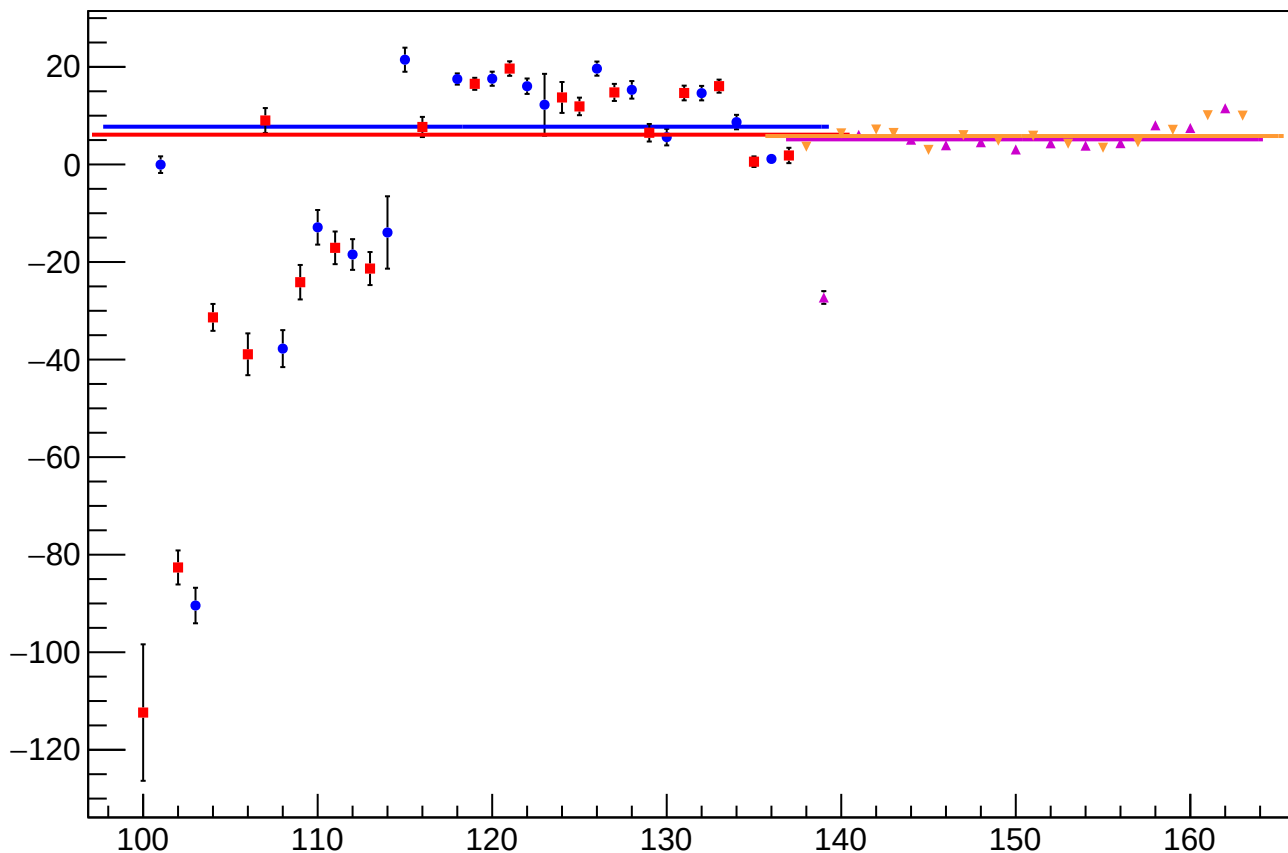
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.452+/-0.177 χ^2/NDF : 764.0/11

Out: -10.162+/-0.176 χ^2/NDF : 797.3/13

All: -9.309+/-0.125 χ^2/NDF : 1608.3/25

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: 5.829 ± 0.125 $\chi^2/\text{NDF}: 329.9/13$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 5.143 ± 0.122 $\chi^2/\text{NDF}: 934.3/11$

Left: 5.479 ± 0.087 $\chi^2/\text{NDF}: 1279.7/25$

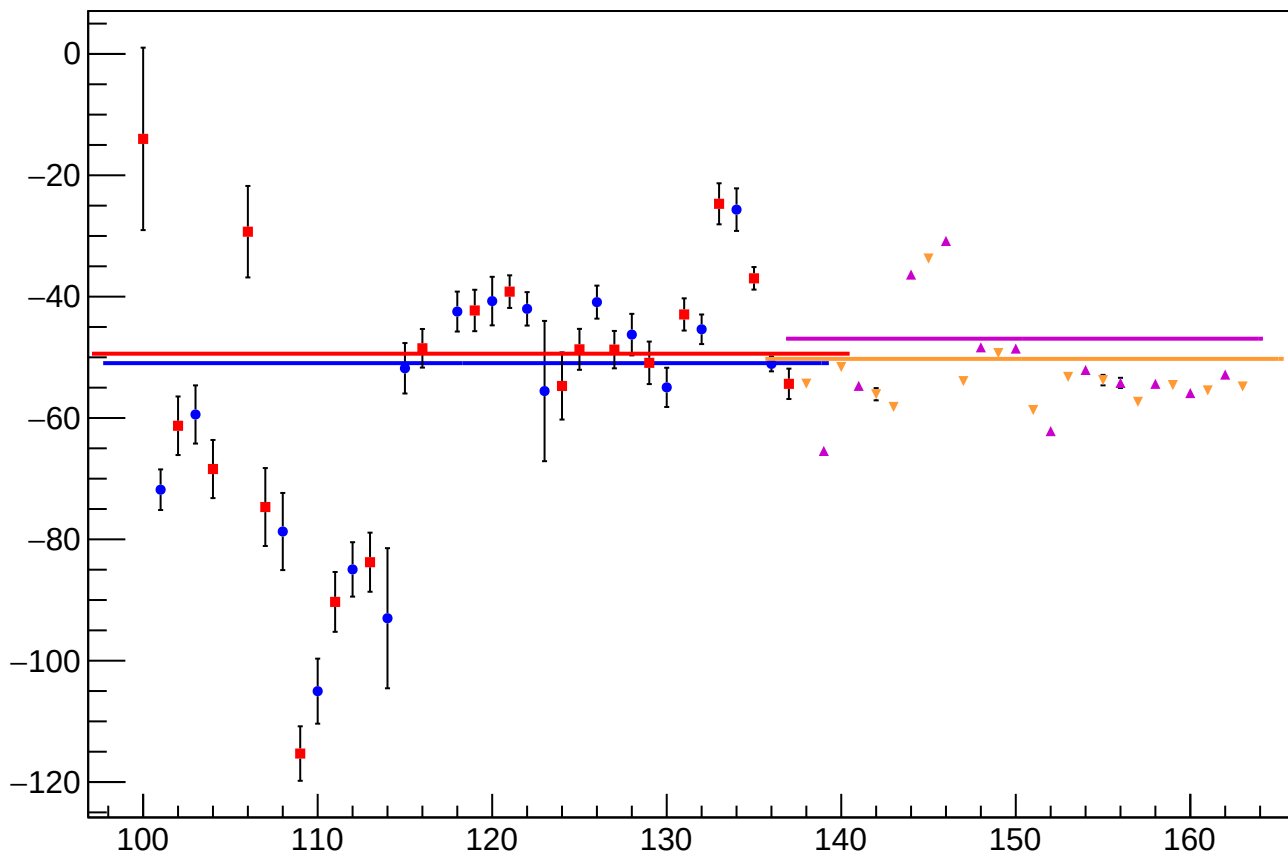
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 5.361 ± 0.117 $\chi^2/\text{NDF}: 2331.4/28$

Out: 5.850 ± 0.120 $\chi^2/\text{NDF}: 1847.9/32$

All: 5.600 ± 0.084 $\chi^2/\text{NDF}: 4187.8/61$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 $\chi^2/\text{NDF}: 331.9/16$

Left Out: -50.254 ± 0.176 $\chi^2/\text{NDF}: 2444.3/13$

Right Out: -49.402 ± 0.797 $\chi^2/\text{NDF}: 512.0/18$

Left In: -46.929 ± 0.173 $\chi^2/\text{NDF}: 4123.1/11$

Left: -48.565 ± 0.124 $\chi^2/\text{NDF}: 6748.4/25$

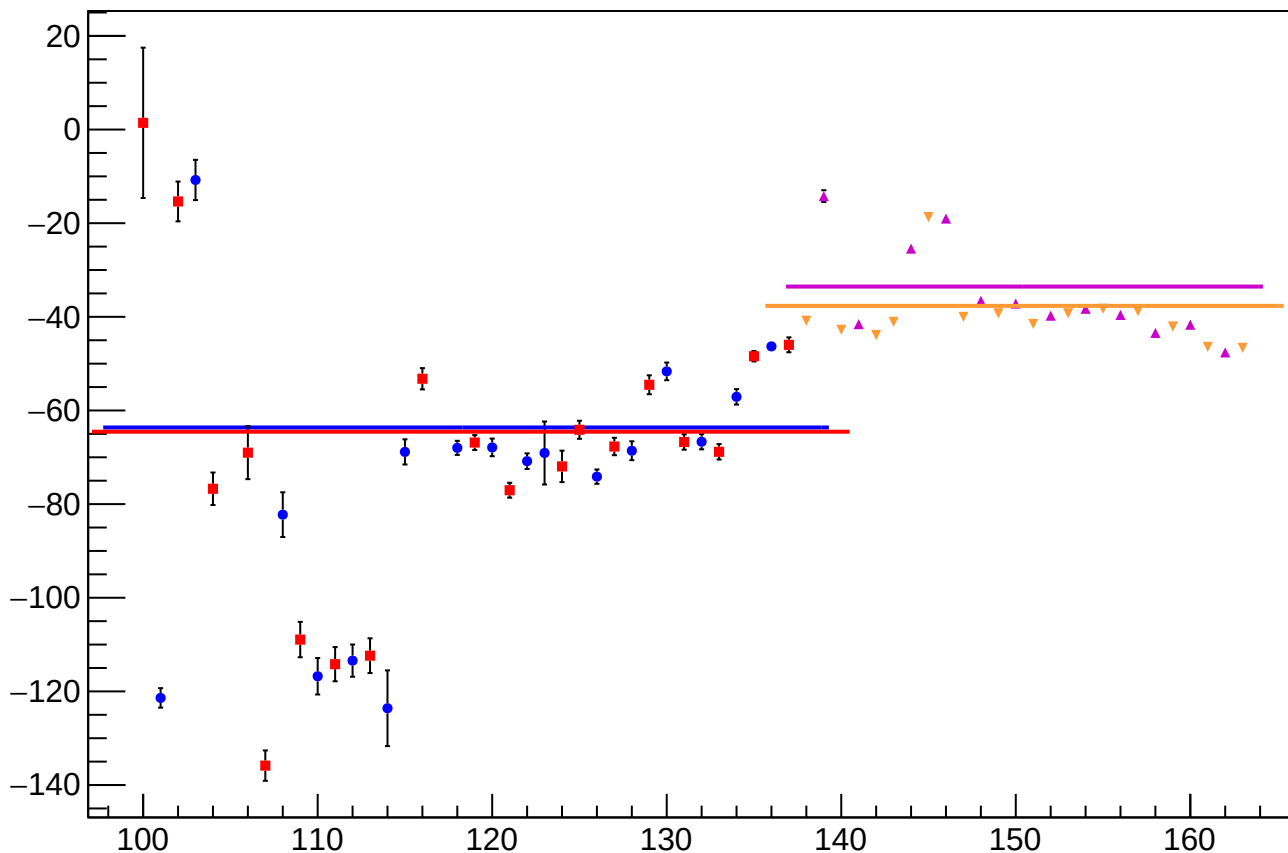
Right: -50.240 ± 0.542 $\chi^2/\text{NDF}: 845.9/35$

In: -47.140 ± 0.169 $\chi^2/\text{NDF}: 4483.2/28$

Out: -50.214 ± 0.172 $\chi^2/\text{NDF}: 2957.4/32$

All: -48.648 ± 0.120 $\chi^2/\text{NDF}: 7603.4/61$

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: -37.658 ± 0.146 χ^2/NDF : 4273.3/13

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -33.537 ± 0.144 χ^2/NDF : 4974.8/11

Left: -35.576 ± 0.102 χ^2/NDF : 9653.0/25

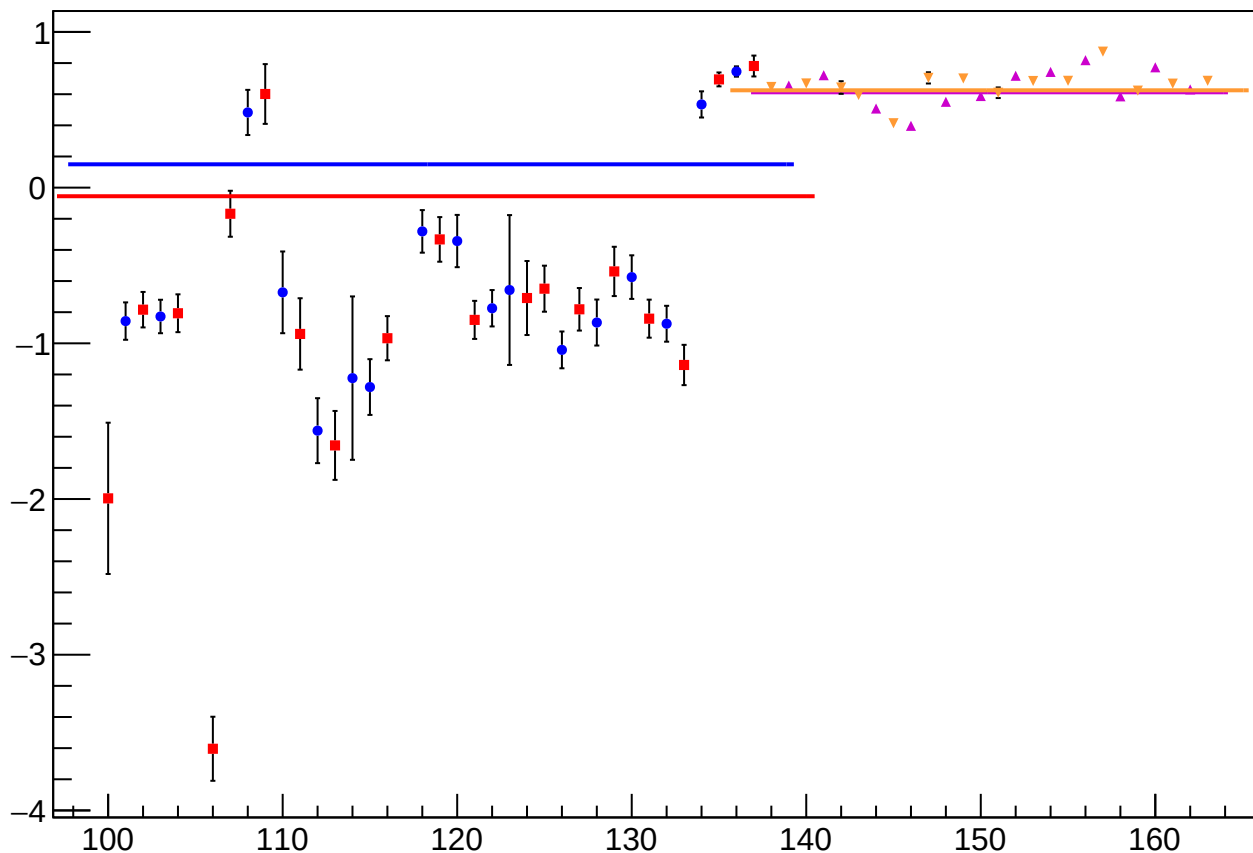
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -36.383 ± 0.137 χ^2/NDF : 11111.3/28

Out: -39.905 ± 0.139 χ^2/NDF : 8733.5/32

All: -38.115 ± 0.098 χ^2/NDF : 20169.5/61

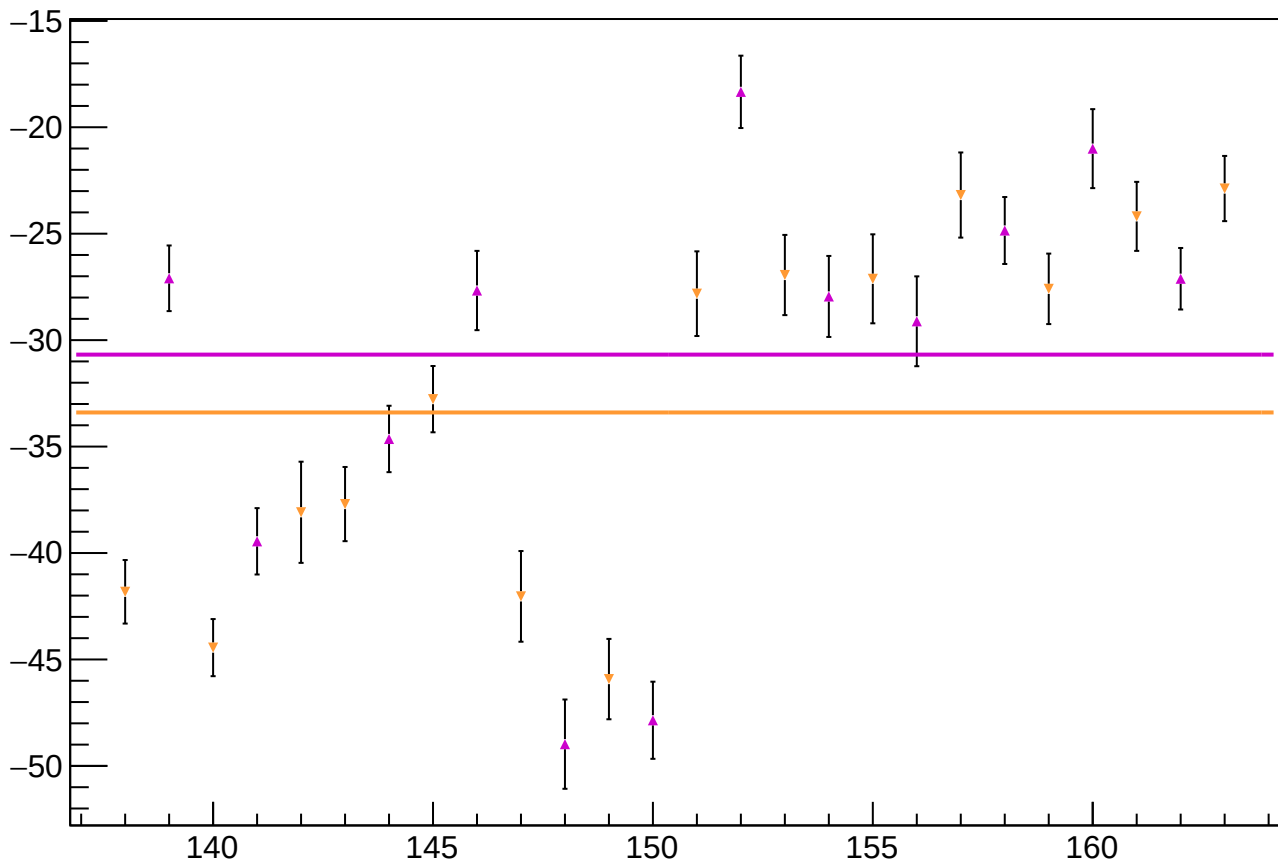
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.625 ± 0.007 χ^2/NDF : 323.6/13
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.612 ± 0.007 χ^2/NDF : 337.2/11

Left: 0.619 ± 0.005 χ^2/NDF : 662.5/25
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.576 ± 0.007 χ^2/NDF : 1669.1/28
 Out: 0.581 ± 0.007 χ^2/NDF : 2124.8/32
 All: 0.579 ± 0.005 χ^2/NDF : 3794.2/61

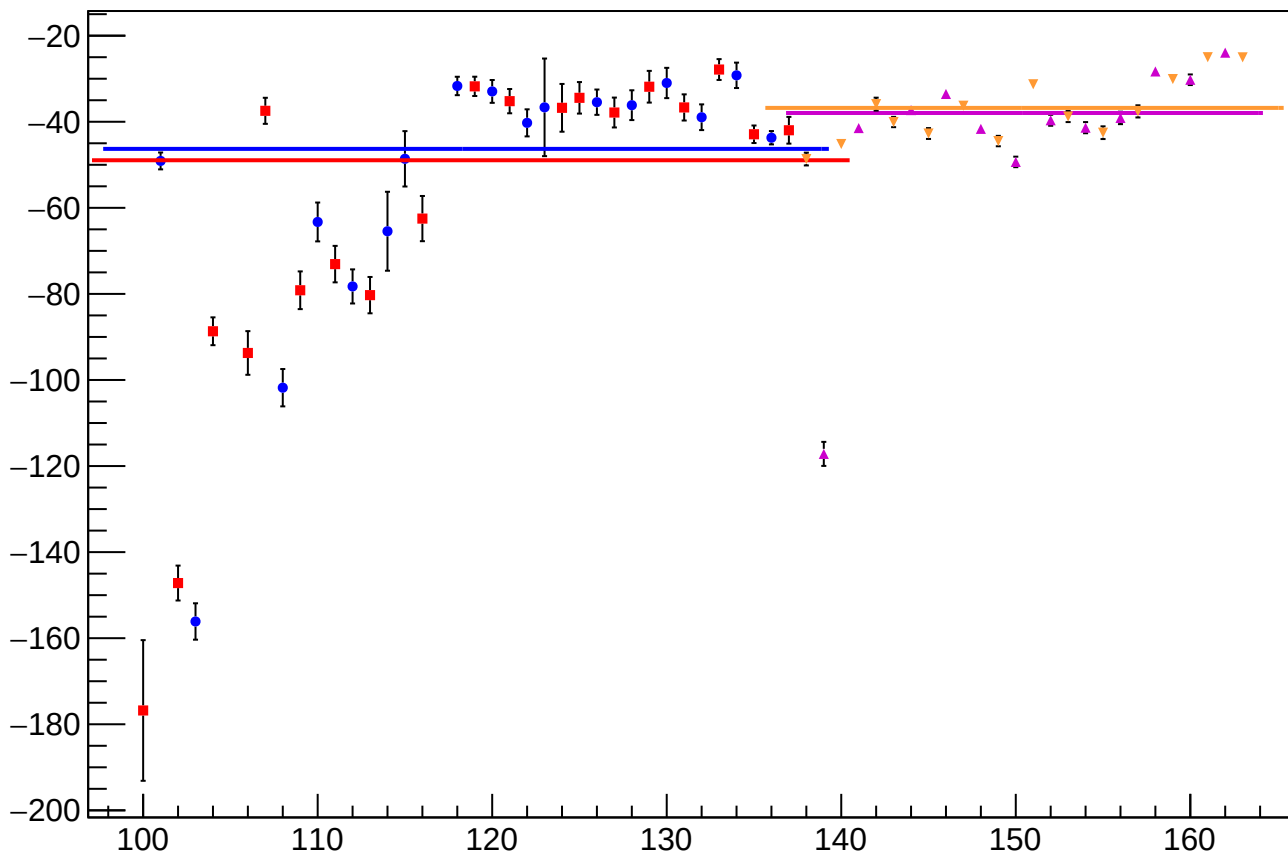
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -33.398 $\pm$ 0.466 χ^2 /NDF:316.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -30.680 $\pm$ 0.495 χ^2 /NDF:314.5/11

Left: -32.121 $\pm$ 0.339 χ^2 /NDF: 647.3/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -30.680 $\pm$ 0.495 χ^2 /NDF:314.5/11
 Out: -33.398 $\pm$ 0.466 χ^2 /NDF:316.8/13
 All: -32.121 $\pm$ 0.339 χ^2 /NDF: 647.3/25

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -36.778 ± 0.328 χ^2/NDF : 477.3/13

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -37.961 ± 0.352 χ^2/NDF : 1204.2/11

Left: -37.329 ± 0.240 χ^2/NDF : 1687.6/25

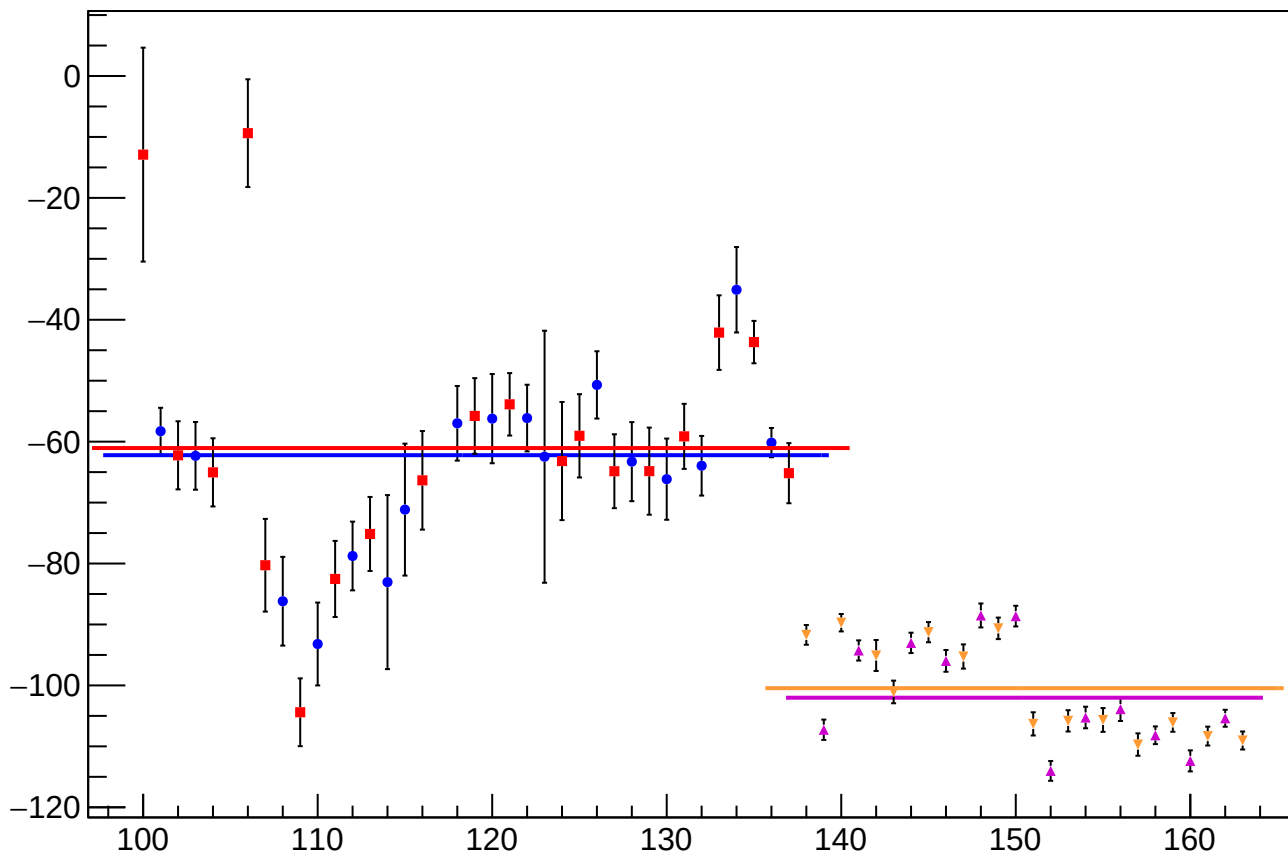
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -39.556 ± 0.316 χ^2/NDF : 2395.7/28

Out: -38.681 ± 0.302 χ^2/NDF : 1965.7/32

All: -39.098 ± 0.218 χ^2/NDF : 4365.4/61

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: -100.452 ± 0.460 $\chi^2/\text{NDF}: 283.2/13$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -102.018 ± 0.483 $\chi^2/\text{NDF}: 300.7/11$

Left: -101.198 ± 0.333 $\chi^2/\text{NDF}: 589.4/25$

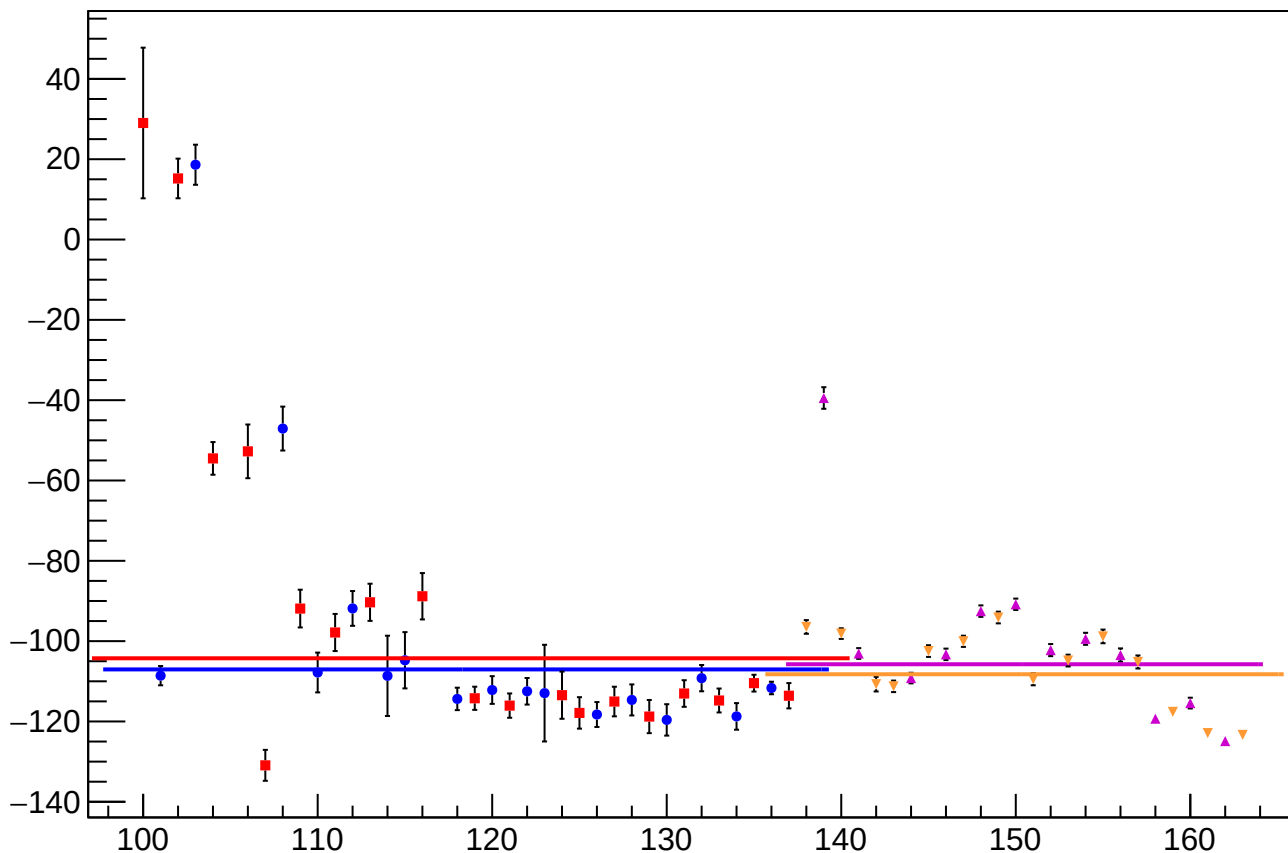
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -97.269 ± 0.453 $\chi^2/\text{NDF}: 1178.7/28$

Out: -96.497 ± 0.437 $\chi^2/\text{NDF}: 1184.0/32$

All: -96.869 ± 0.314 $\chi^2/\text{NDF}: 2364.3/61$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -108.244 ± 0.383 $\chi^2/\text{NDF}: 656.0/13$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -105.753 ± 0.408 $\chi^2/\text{NDF}: 1288.7/11$

Left: -107.078 ± 0.279 $\chi^2/\text{NDF}: 1964.5/25$

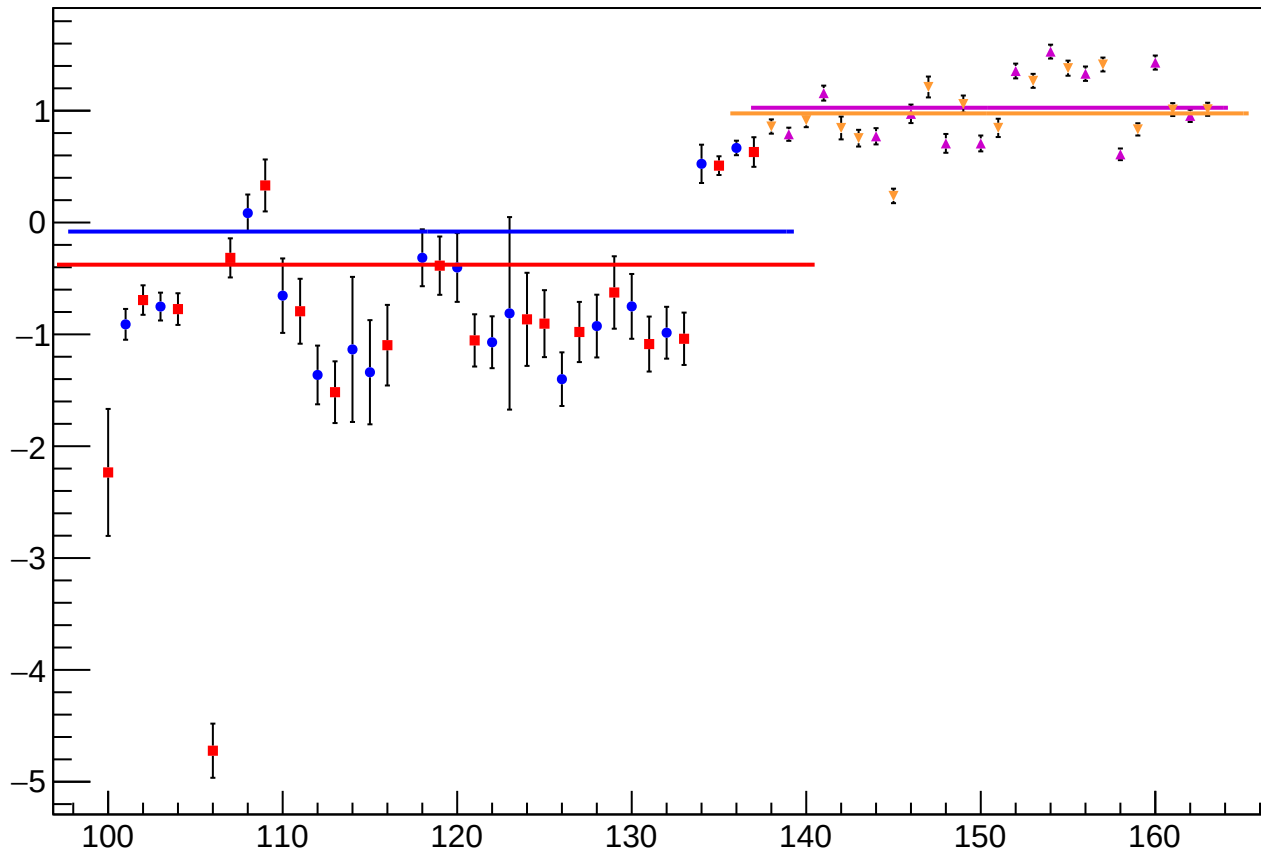
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -106.012 ± 0.364 $\chi^2/\text{NDF}: 2118.5/28$

Out: -107.587 ± 0.350 $\chi^2/\text{NDF}: 1691.9/32$

All: -106.832 ± 0.252 $\chi^2/\text{NDF}: 3820.1/61$

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: 0.976 ± 0.018 χ^2/NDF : 268.8/13

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.026 ± 0.019 χ^2/NDF : 286.3/11

Left: 1.000 ± 0.013 χ^2/NDF : 559.0/25

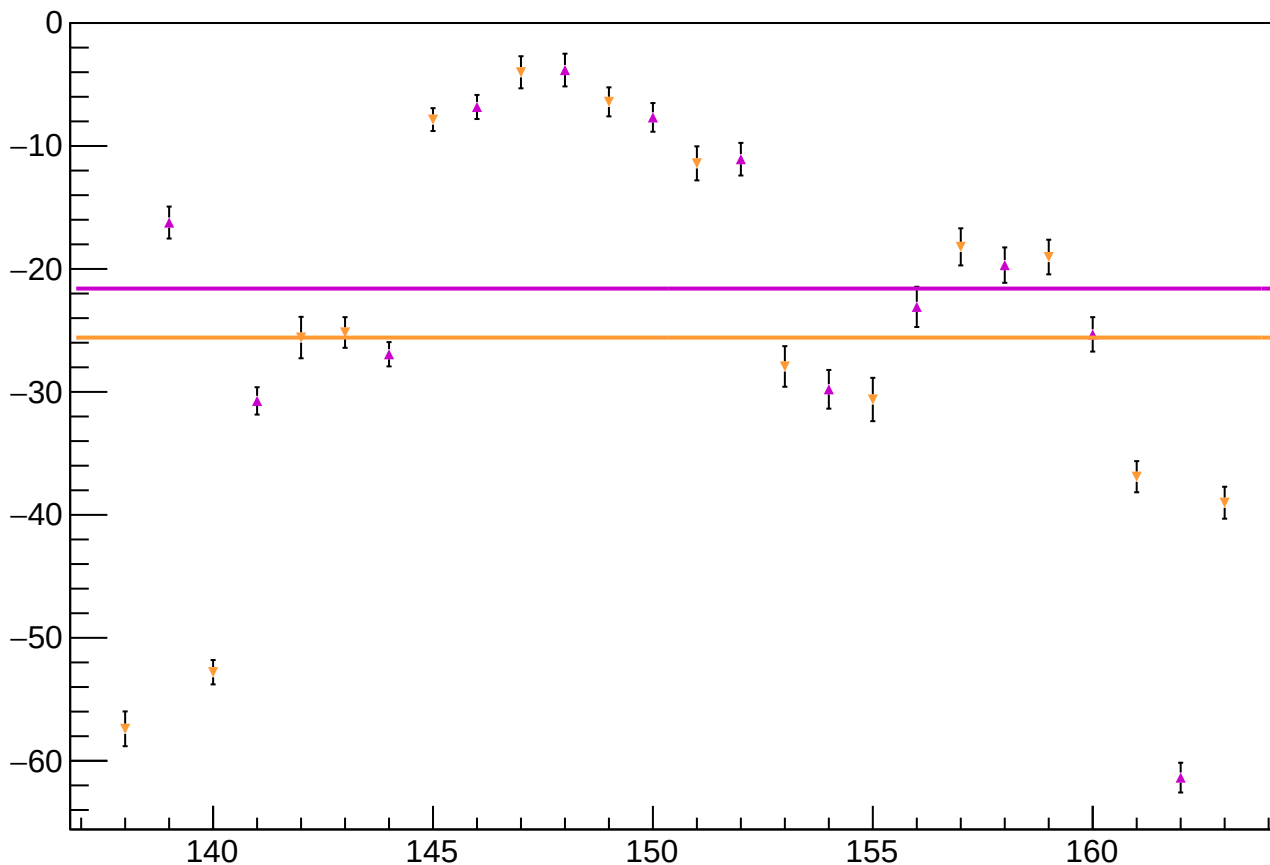
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.845 ± 0.017 χ^2/NDF : 1190.9/28

Out: 0.782 ± 0.017 χ^2/NDF : 1666.7/32

All: 0.813 ± 0.012 χ^2/NDF : 2864.6/61

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



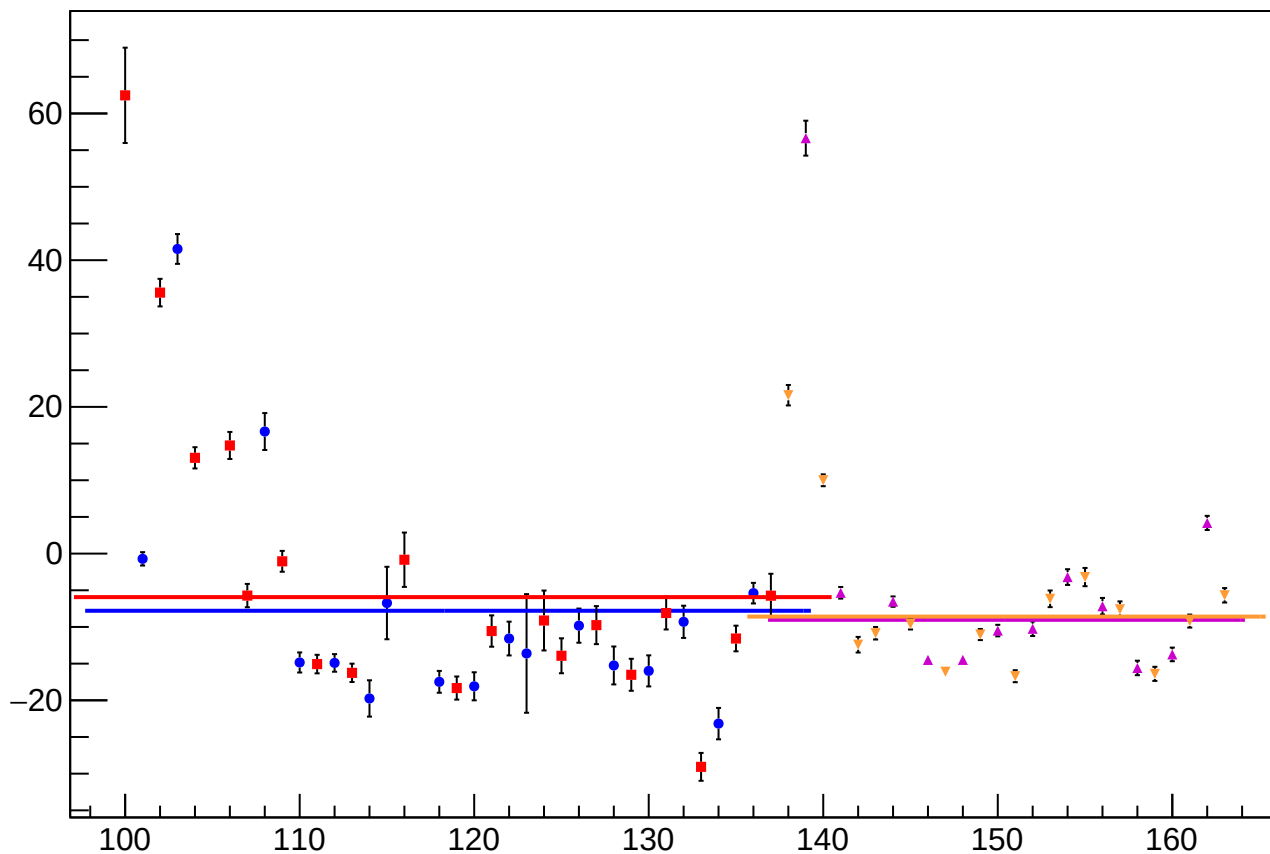
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -25.583 ± 0.346 $\chi^2/\text{NDF}: 2509.5/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -21.596 ± 0.358 $\chi^2/\text{NDF}: 1840.1/11$

Left: -23.659 ± 0.249 $\chi^2/\text{NDF}: 4413.6/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -21.596 ± 0.358 $\chi^2/\text{NDF}: 1840.1/11$
 Out: -25.583 ± 0.346 $\chi^2/\text{NDF}: 2509.5/13$

All: -23.659 ± 0.249 $\chi^2/\text{NDF}: 4413.6/25$

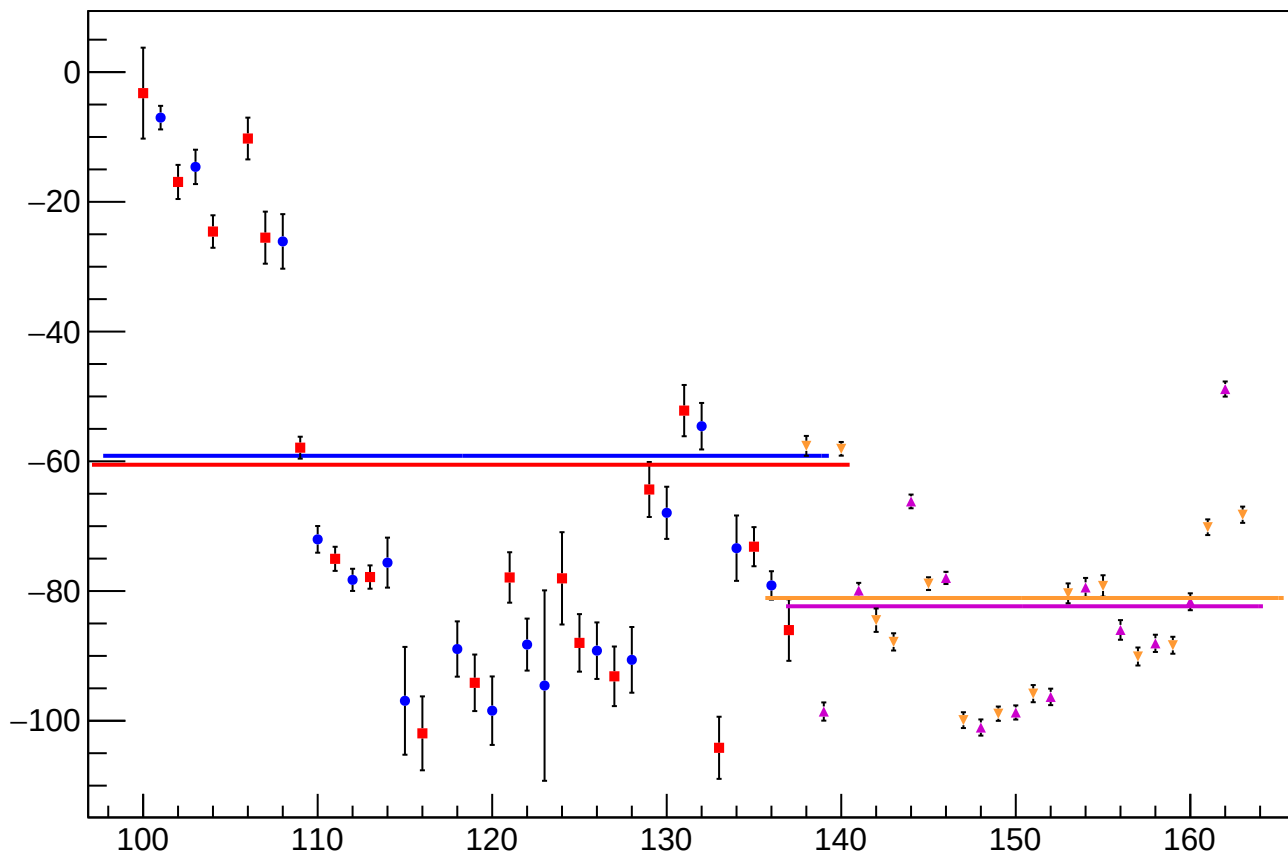
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$
 Left Out: -8.586 ± 0.239 $\chi^2/\text{NDF}: 1373.0/13$
 Right Out: -5.932 ± 0.429 $\chi^2/\text{NDF}: 1294.2/18$
 Left In: -9.029 ± 0.248 $\chi^2/\text{NDF}: 1238.0/11$

Left: -8.800 ± 0.172 $\chi^2/\text{NDF}: 2612.7/25$
 Right: -6.865 ± 0.303 $\chi^2/\text{NDF}: 2286.4/35$
 In: -8.720 ± 0.214 $\chi^2/\text{NDF}: 2227.0/28$
 Out: -7.957 ± 0.209 $\chi^2/\text{NDF}: 2696.5/32$
 All: -8.329 ± 0.150 $\chi^2/\text{NDF}: 4929.9/61$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -81.071 ± 0.343 $\chi^2/\text{NDF}: 1629.3/13$

Right Out: -60.530 ± 0.704 $\chi^2/\text{NDF}: 1385.2/18$

Left In: -82.349 ± 0.350 $\chi^2/\text{NDF}: 1817.1/11$

Left: -81.696 ± 0.245 $\chi^2/\text{NDF}: 3453.2/25$

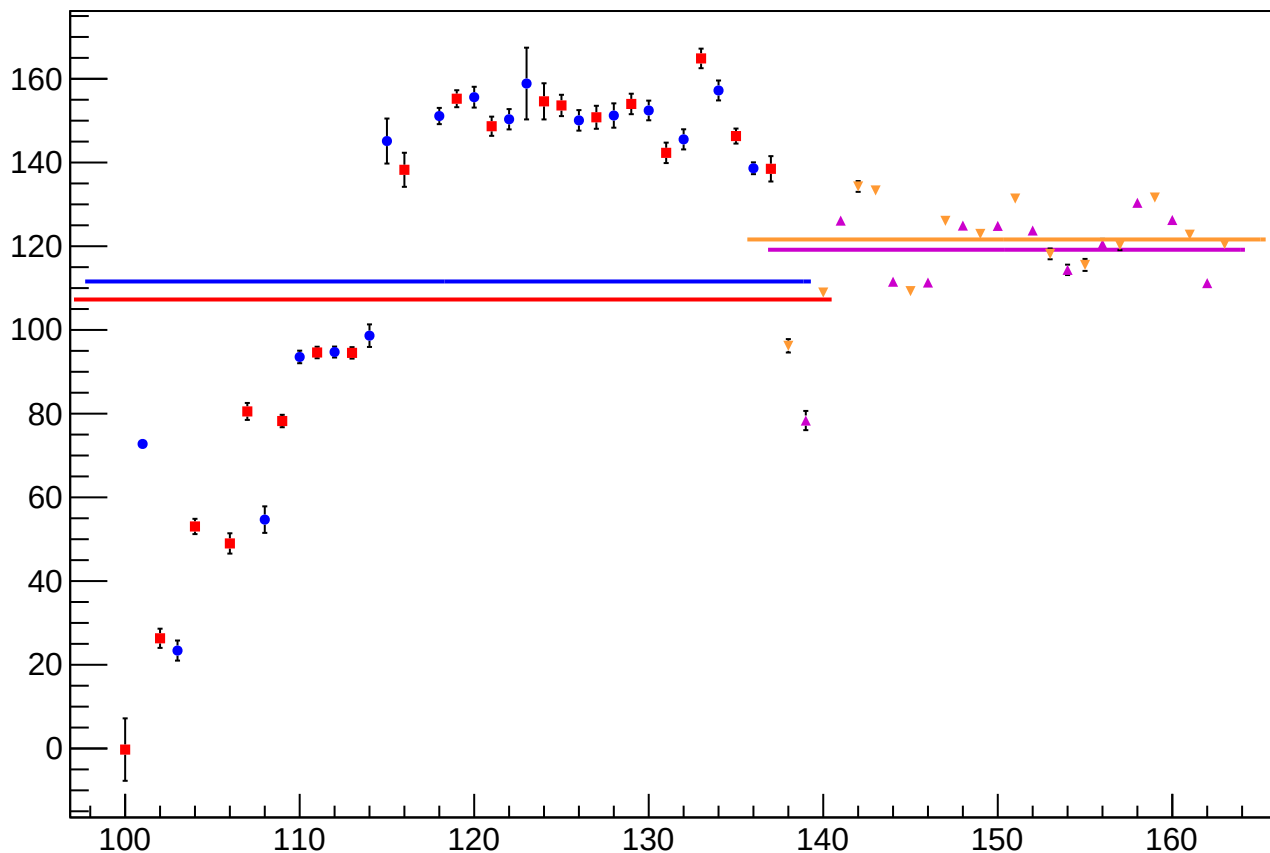
Right: -59.879 ± 0.512 $\chi^2/\text{NDF}: 3105.4/35$

In: -78.148 ± 0.317 $\chi^2/\text{NDF}: 4329.0/28$

Out: -77.139 ± 0.308 $\chi^2/\text{NDF}: 3702.7/32$

All: -77.629 ± 0.221 $\chi^2/\text{NDF}: 8036.9/61$

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: 121.618 $\pm$ 0.283 χ^2 /NDF:1086.6/13

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 119.161 $\pm$ 0.292 χ^2 /NDF:896.0/11

Left: 120.431 $\pm$ 0.203 χ^2 /NDF: 2019.1/25

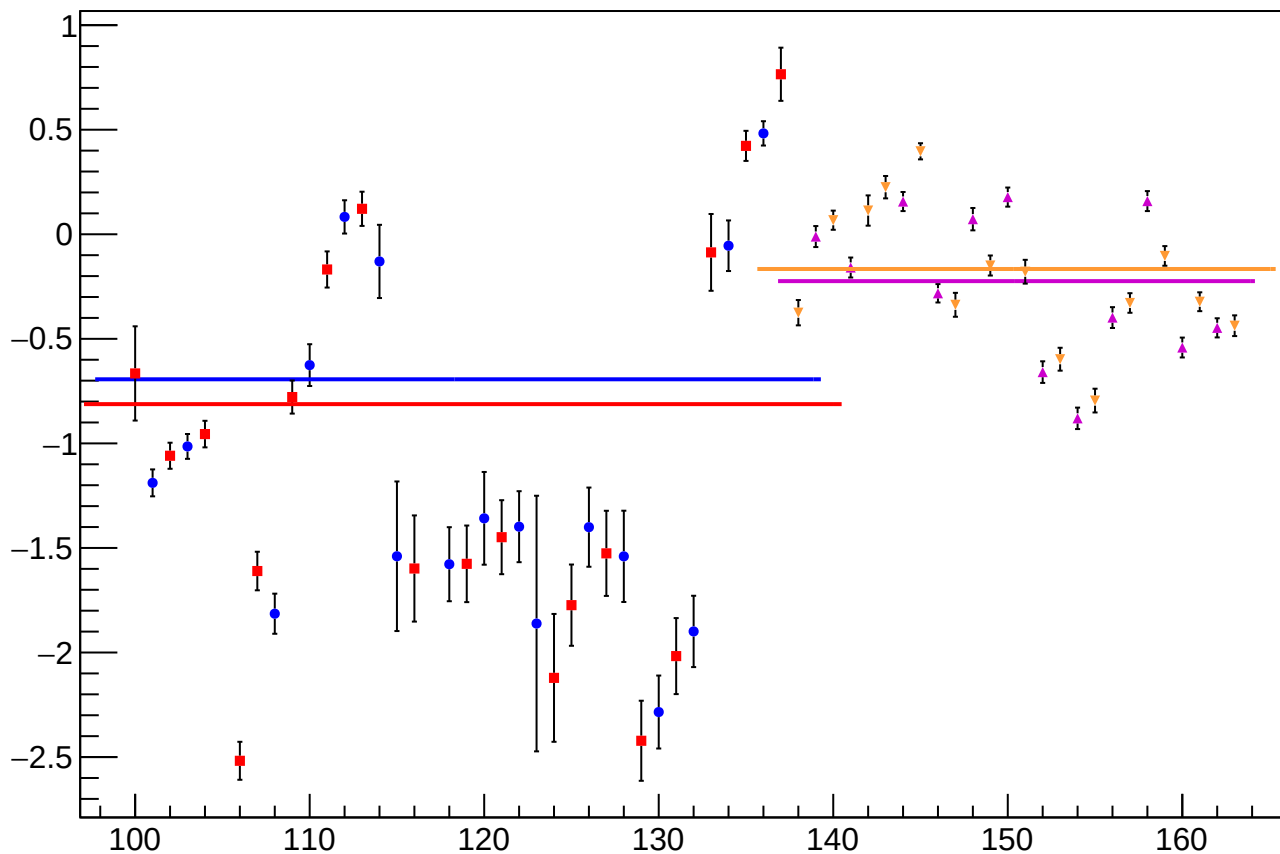
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 117.156 $\pm$ 0.251 χ^2 /NDF:7019.8/28

Out: 118.011 $\pm$ 0.244 χ^2 /NDF:8779.5/32

All: 117.594 $\pm$ 0.175 χ^2 /NDF: 15805.2/61

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: -0.166 ± 0.014 χ^2/NDF : 568.5/13

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.224 ± 0.014 χ^2/NDF : 578.6/11

Left: -0.194 ± 0.010 χ^2/NDF : 1156.1/25

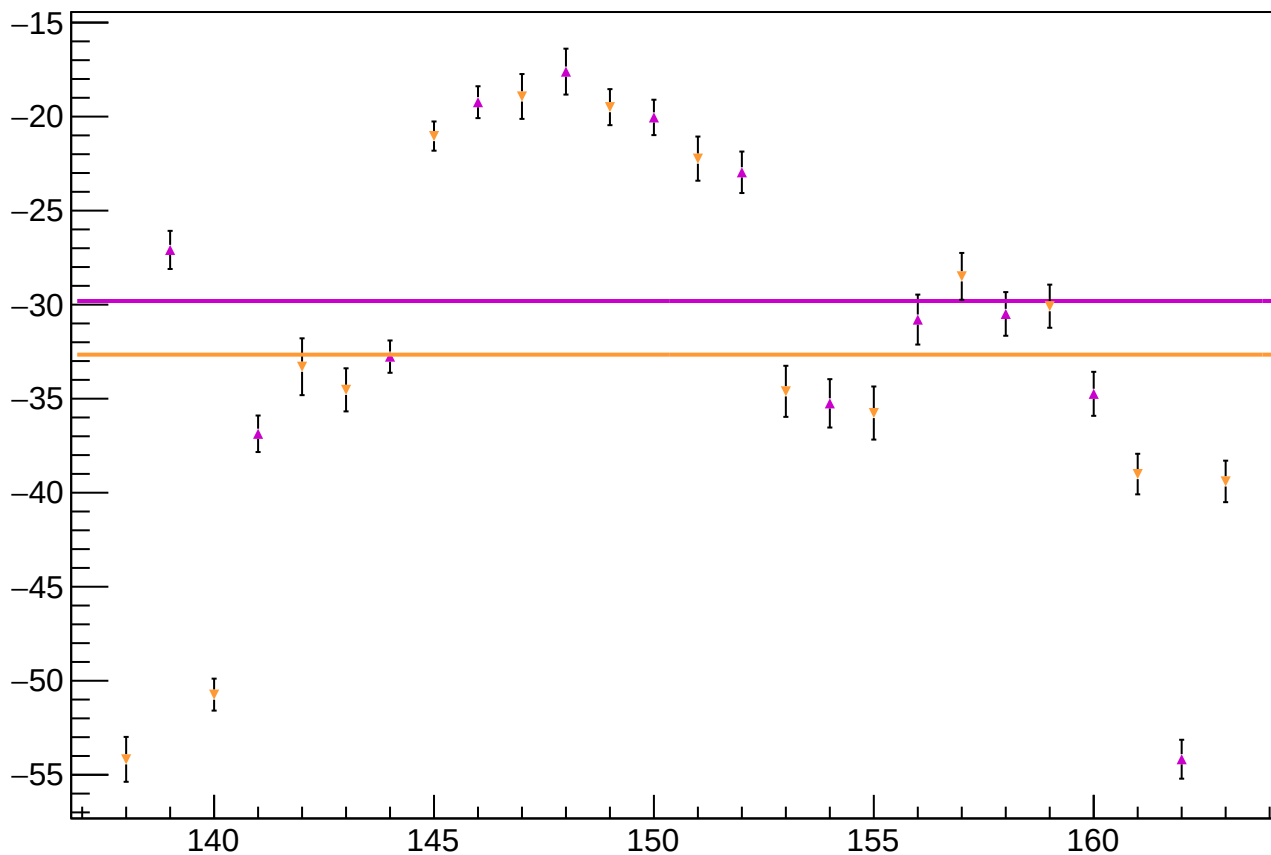
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.330 ± 0.012 χ^2/NDF : 1825.8/28

Out: -0.319 ± 0.012 χ^2/NDF : 2416.3/32

All: -0.324 ± 0.009 χ^2/NDF : 4242.5/61

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



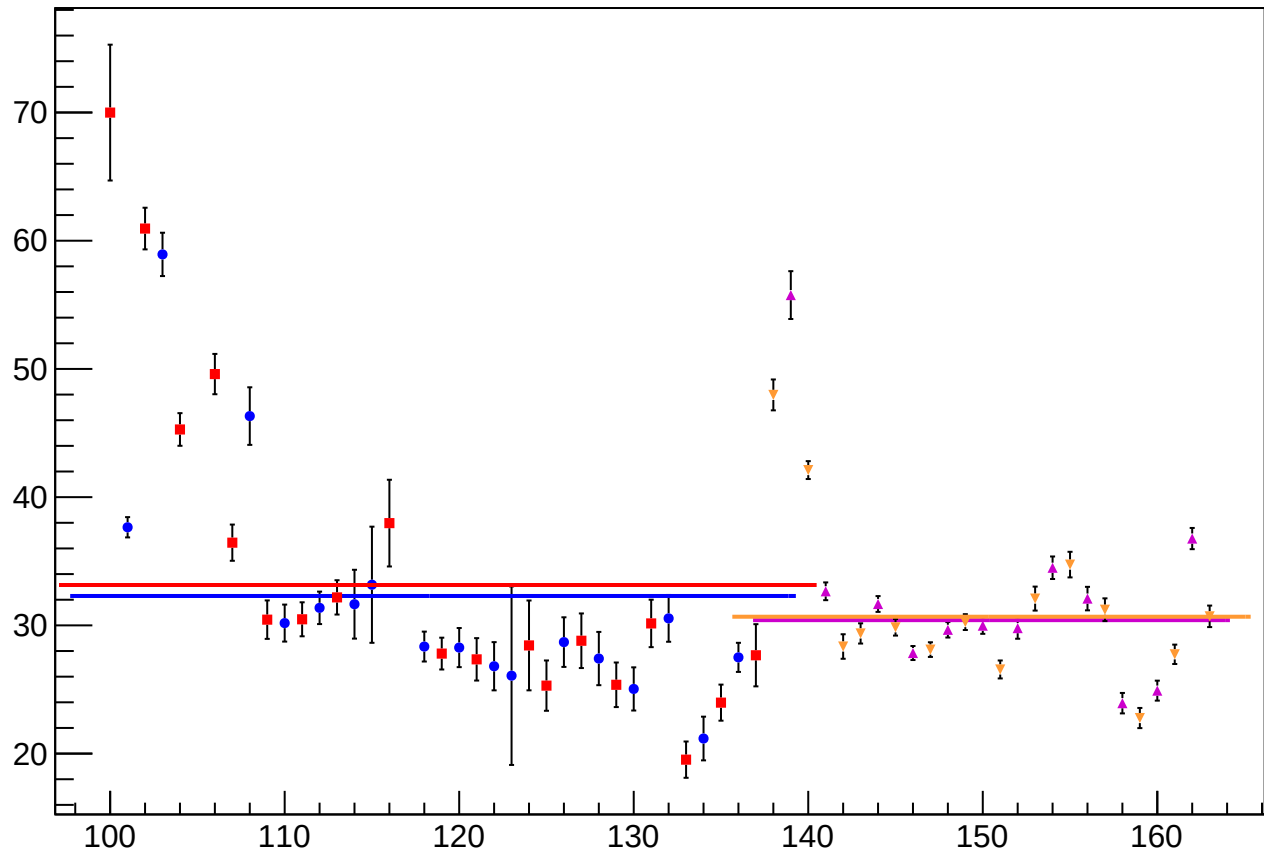
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.658+/-0.294 χ^2/NDF :1499.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.806+/-0.302 χ^2/NDF :1064.9/11

Left: -31.271+/-0.210 χ^2/NDF : 2610.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.806+/-0.302 χ^2/NDF :1064.9/11
 Out: -32.658+/-0.294 χ^2/NDF :1499.5/13

All: -31.271+/-0.210 χ^2/NDF : 2610.3/25

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 30.675+/-0.205 χ^2/NDF : 675.8/13

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 30.408+/-0.212 χ^2/NDF : 424.1/11

Left: 30.546+/-0.147 χ^2/NDF : 1100.8/25

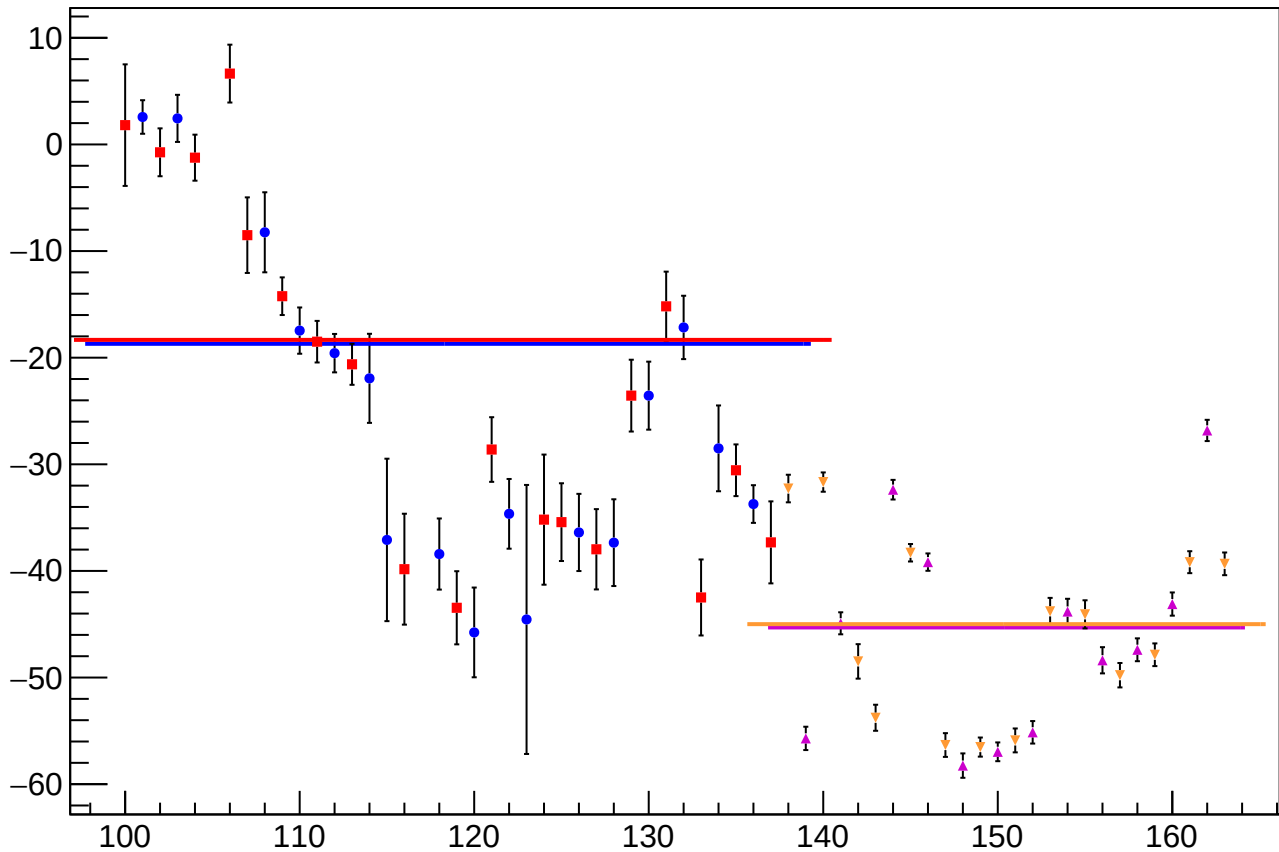
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 30.868+/-0.184 χ^2/NDF : 895.9/28

Out: 31.236+/-0.180 χ^2/NDF : 1481.5/32

All: 31.056+/-0.129 χ^2/NDF : 2379.4/61

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -44.993 ± 0.290 χ^2/NDF : 886.4/13

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -45.303 ± 0.295 χ^2/NDF : 1094.5/11

Left: -45.145 ± 0.207 χ^2/NDF : 1981.5/25

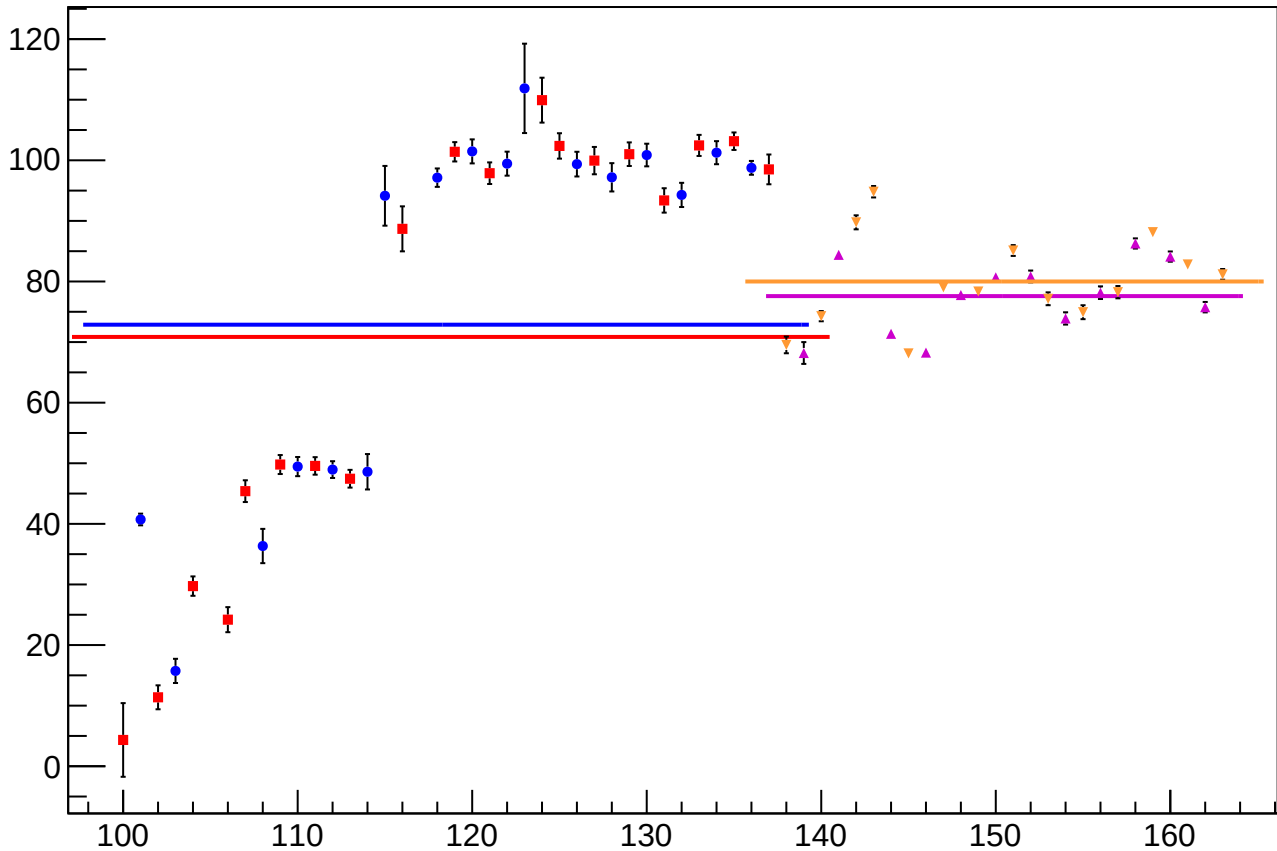
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -40.947 ± 0.270 χ^2/NDF : 2945.9/28

Out: -40.489 ± 0.264 χ^2/NDF : 2787.5/32

All: -40.713 ± 0.189 χ^2/NDF : 5734.8/61

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: 80.000 $\pm$ 0.241 χ^2 /NDF:857.7/13

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 77.588 $\pm$ 0.248 χ^2 /NDF:570.4/11

Left: 78.831 $\pm$ 0.173 χ^2 /NDF: 1476.7/25

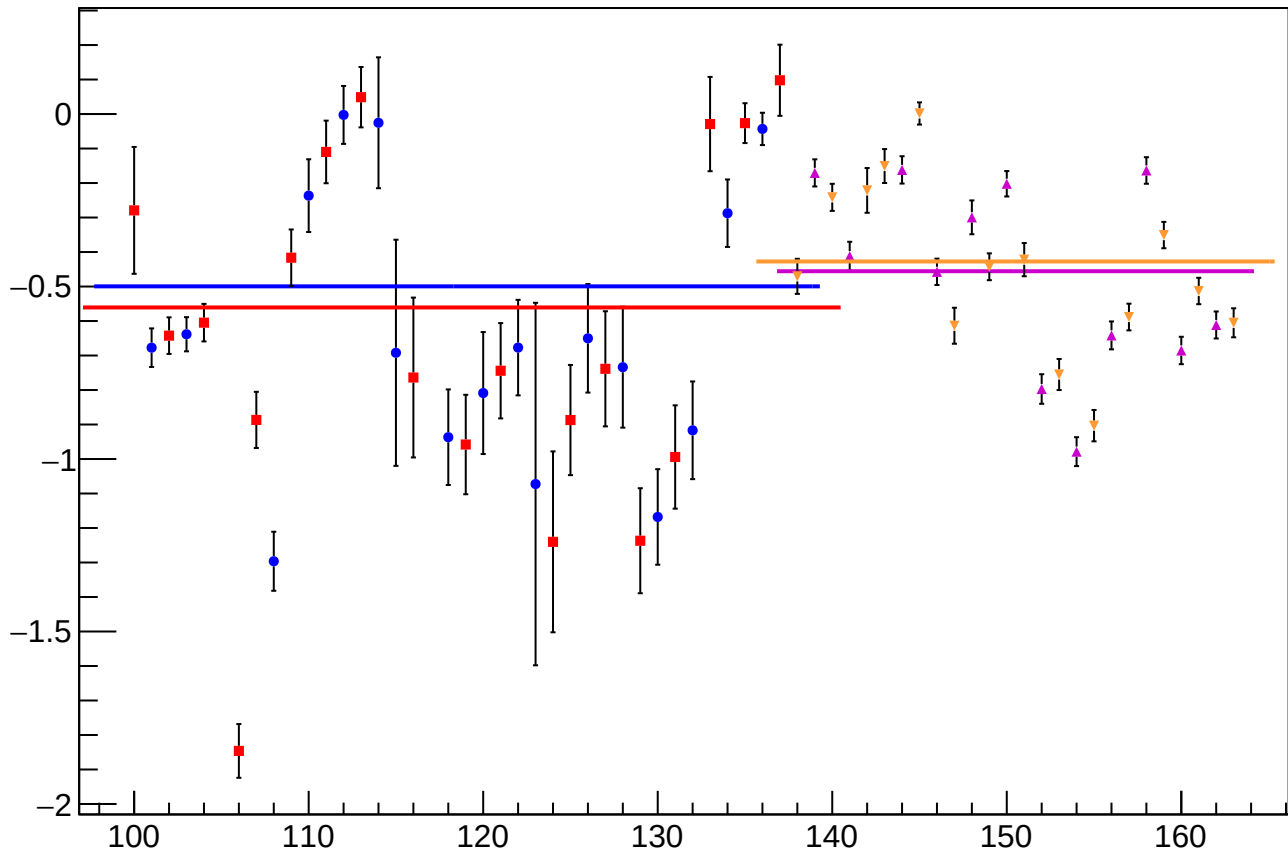
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 76.392 $\pm$ 0.215 χ^2 /NDF:5388.8/28

Out: 77.836 $\pm$ 0.211 χ^2 /NDF:6694.0/32

All: 77.128 $\pm$ 0.150 χ^2 /NDF: 12105.9/61

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: -0.427 ± 0.011 χ^2/NDF : 462.4/13

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.456 ± 0.012 χ^2/NDF : 513.3/11

Left: -0.441 ± 0.008 χ^2/NDF : 978.7/25

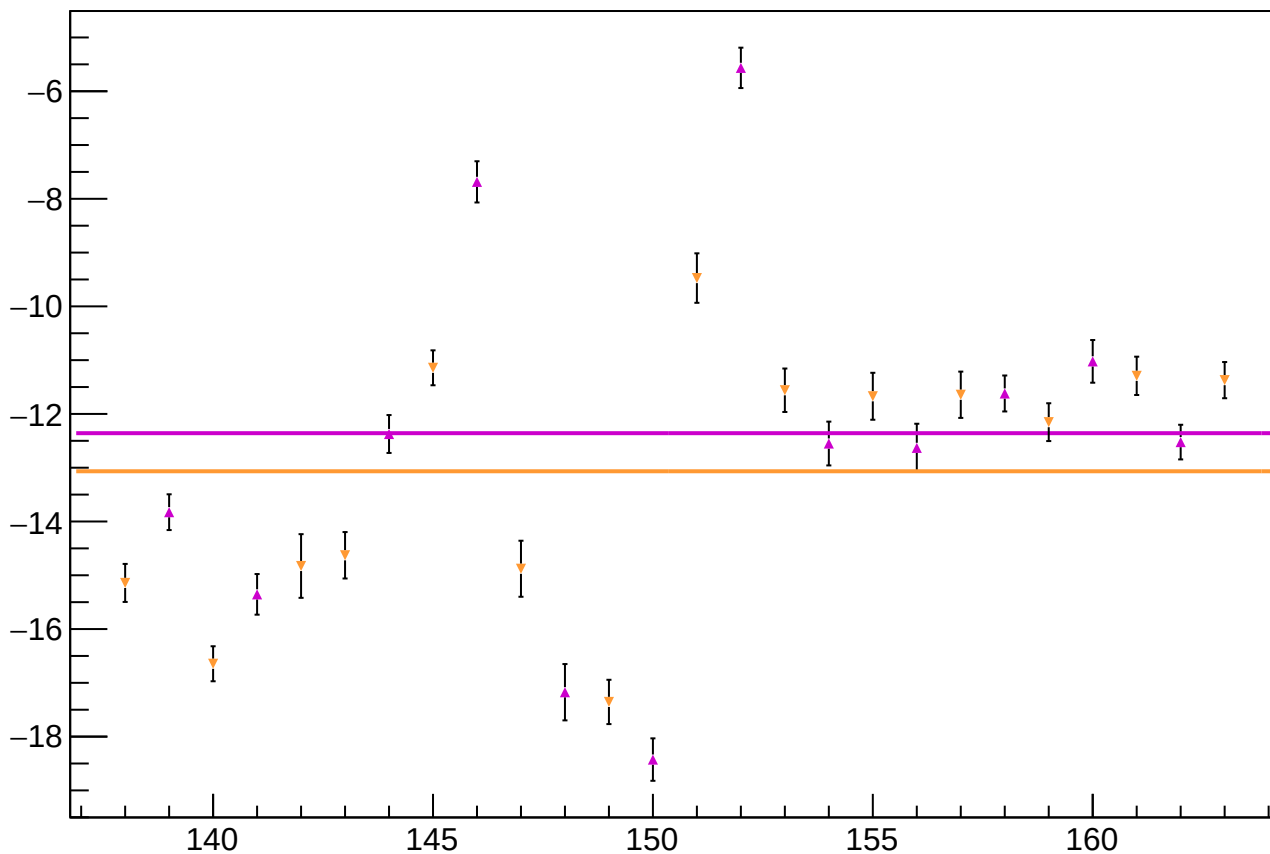
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.465 ± 0.010 χ^2/NDF : 819.0/28

Out: -0.457 ± 0.010 χ^2/NDF : 1054.4/32

All: -0.461 ± 0.007 χ^2/NDF : 1873.6/61

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



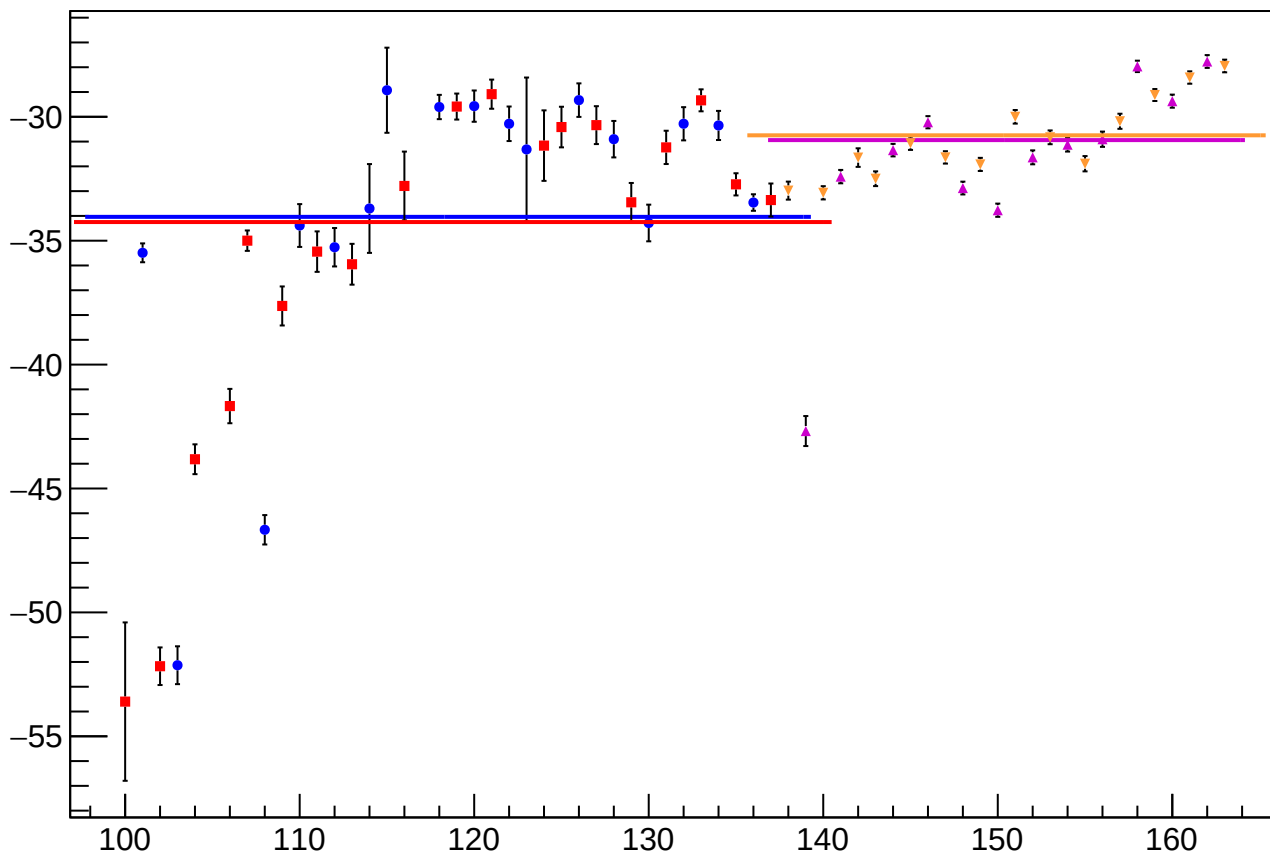
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.066+/-0.105 χ^2/NDF : 486.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.358+/-0.109 χ^2/NDF : 896.6/11

Left: -12.726+/-0.076 χ^2/NDF : 1404.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.358+/-0.109 χ^2/NDF : 896.6/11
 Out: -13.066+/-0.105 χ^2/NDF : 486.0/13

All: -12.726+/-0.076 χ^2/NDF : 1404.5/25

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -30.747 ± 0.075 $\chi^2/\text{NDF}: 463.4/13$

Right Out: -34.248 ± 0.151 $\chi^2/\text{NDF}: 1357.5/18$

Left In: -30.941 ± 0.079 $\chi^2/\text{NDF}: 944.9/11$

Left: -30.839 ± 0.054 $\chi^2/\text{NDF}: 1411.5/25$

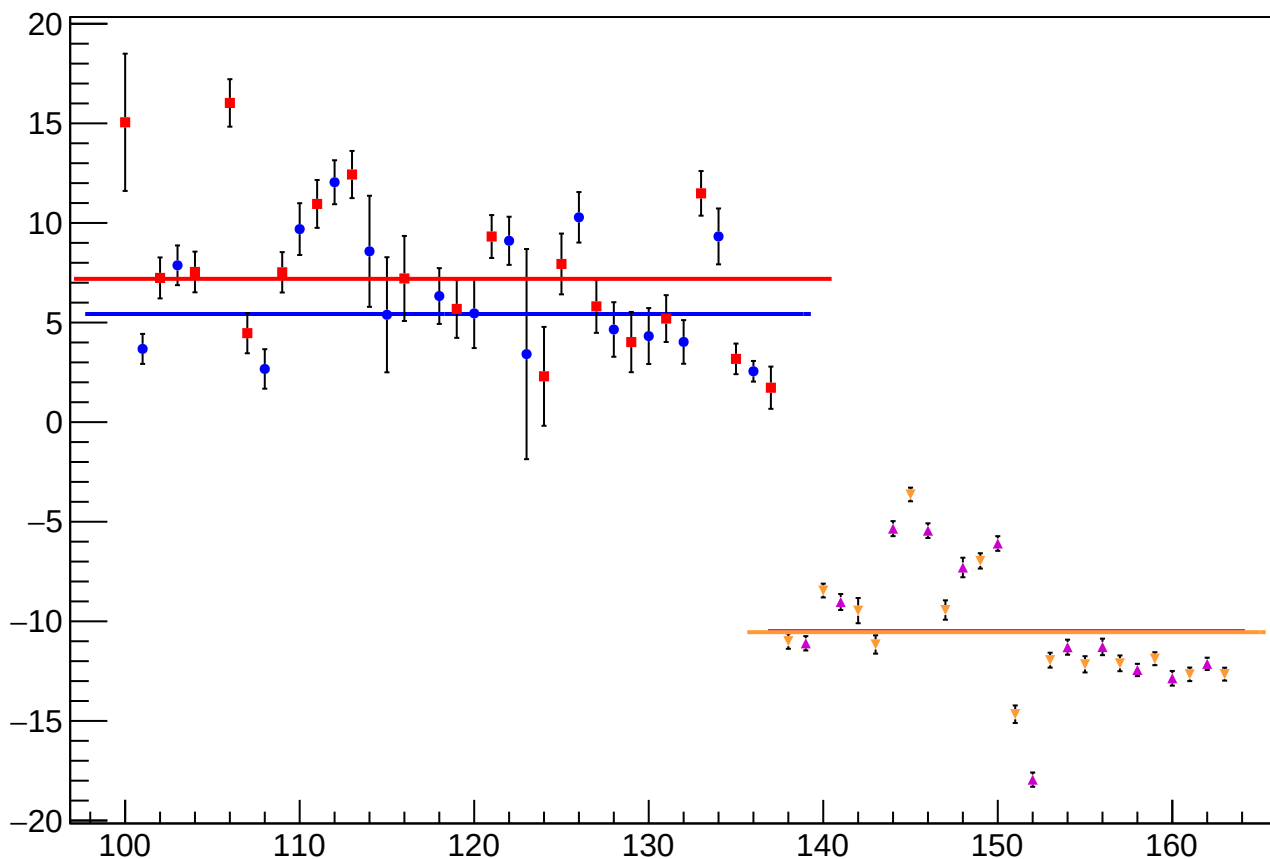
Right: -34.143 ± 0.107 $\chi^2/\text{NDF}: 2701.4/35$

In: -31.603 ± 0.070 $\chi^2/\text{NDF}: 2619.1/28$

Out: -31.436 ± 0.067 $\chi^2/\text{NDF}: 2254.6/32$

All: -31.516 ± 0.048 $\chi^2/\text{NDF}: 4876.7/61$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -10.545 ± 0.103 $\chi^2/\text{NDF}: 770.6/13$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -10.489 ± 0.106 $\chi^2/\text{NDF}: 1122.7/11$

Left: -10.518 ± 0.074 $\chi^2/\text{NDF}: 1893.4/25$

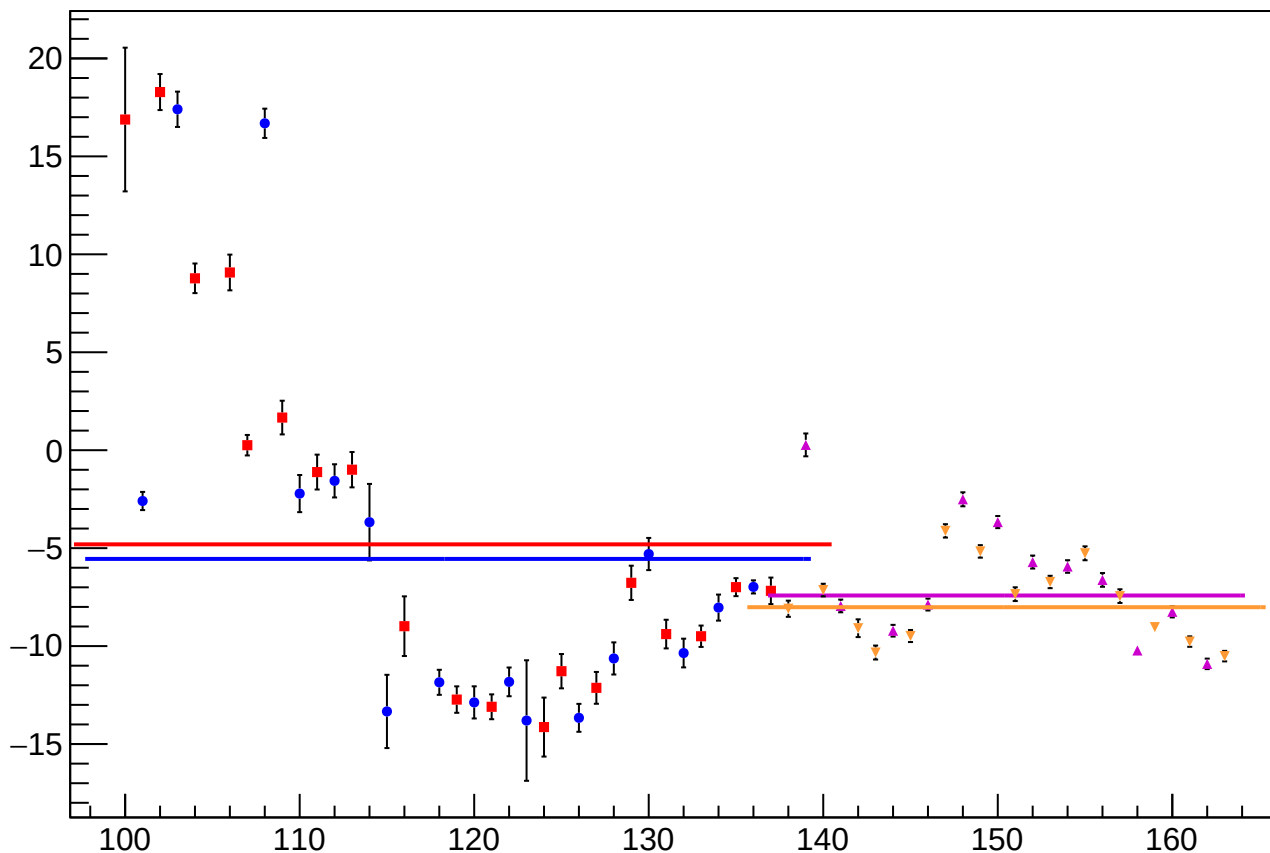
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -8.354 ± 0.099 $\chi^2/\text{NDF}: 4267.4/28$

Out: -8.345 ± 0.097 $\chi^2/\text{NDF}: 4623.7/32$

All: -8.349 ± 0.069 $\chi^2/\text{NDF}: 8891.1/61$

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: -8.015 ± 0.086 χ^2/NDF : 515.4/13

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -7.417 ± 0.090 χ^2/NDF : 913.5/11

Left: -7.730 ± 0.062 χ^2/NDF : 1451.8/25

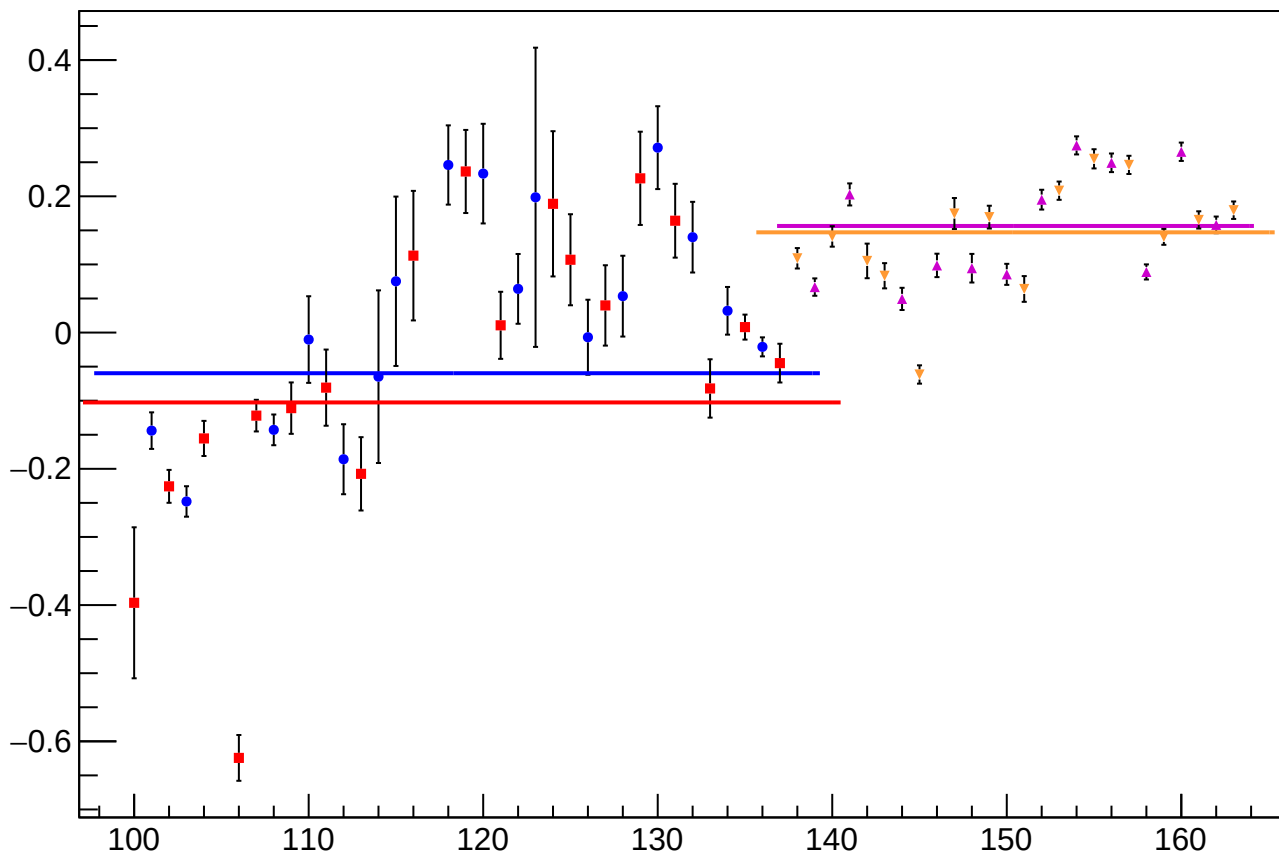
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.006 ± 0.080 χ^2/NDF : 3134.1/28

Out: -7.375 ± 0.077 χ^2/NDF : 2840.0/32

All: -7.197 ± 0.055 χ^2/NDF : 5985.1/61

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: 0.147 ± 0.004 χ^2/NDF : 427.8/13

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.156 ± 0.004 χ^2/NDF : 376.9/11

Left: 0.152 ± 0.003 χ^2/NDF : 807.5/25

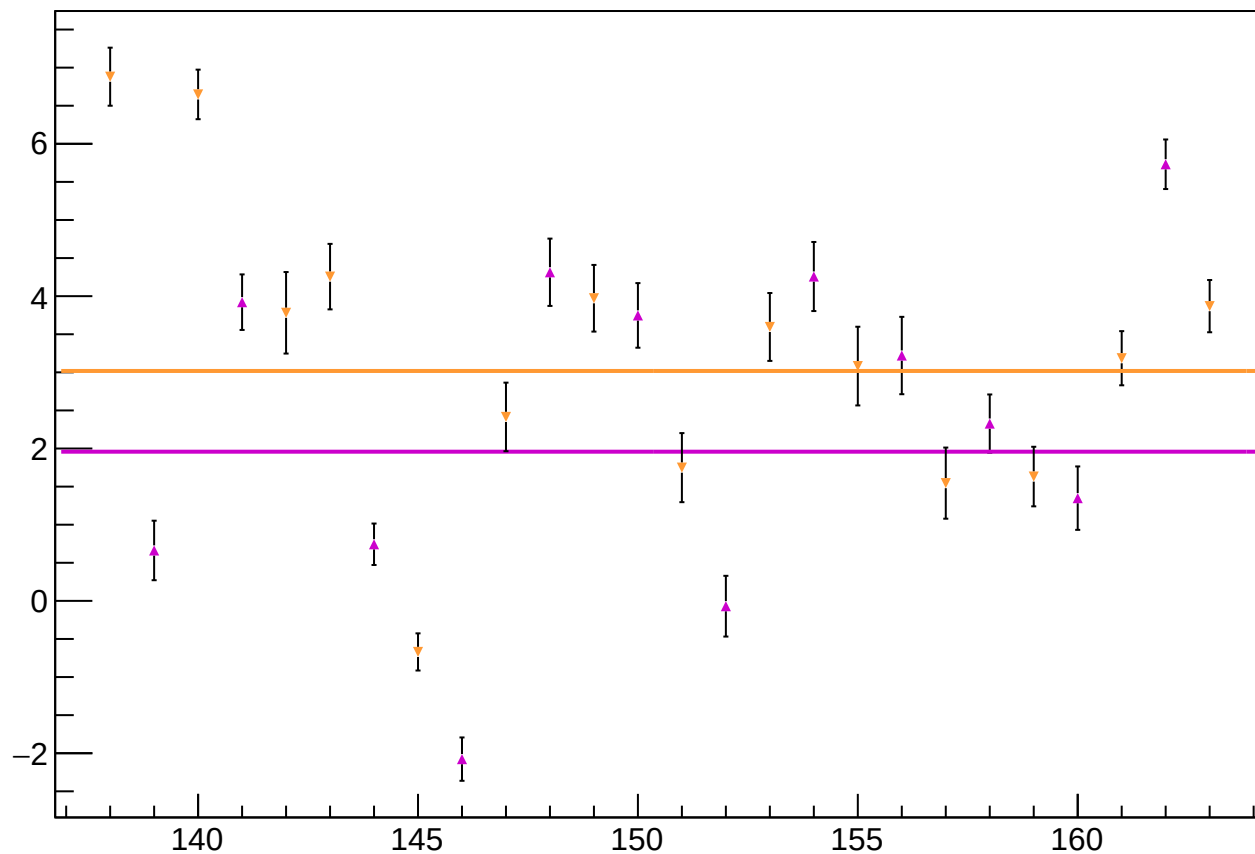
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.115 ± 0.004 χ^2/NDF : 1129.2/28

Out: 0.101 ± 0.004 χ^2/NDF : 1582.1/32

All: 0.108 ± 0.003 χ^2/NDF : 2718.2/61

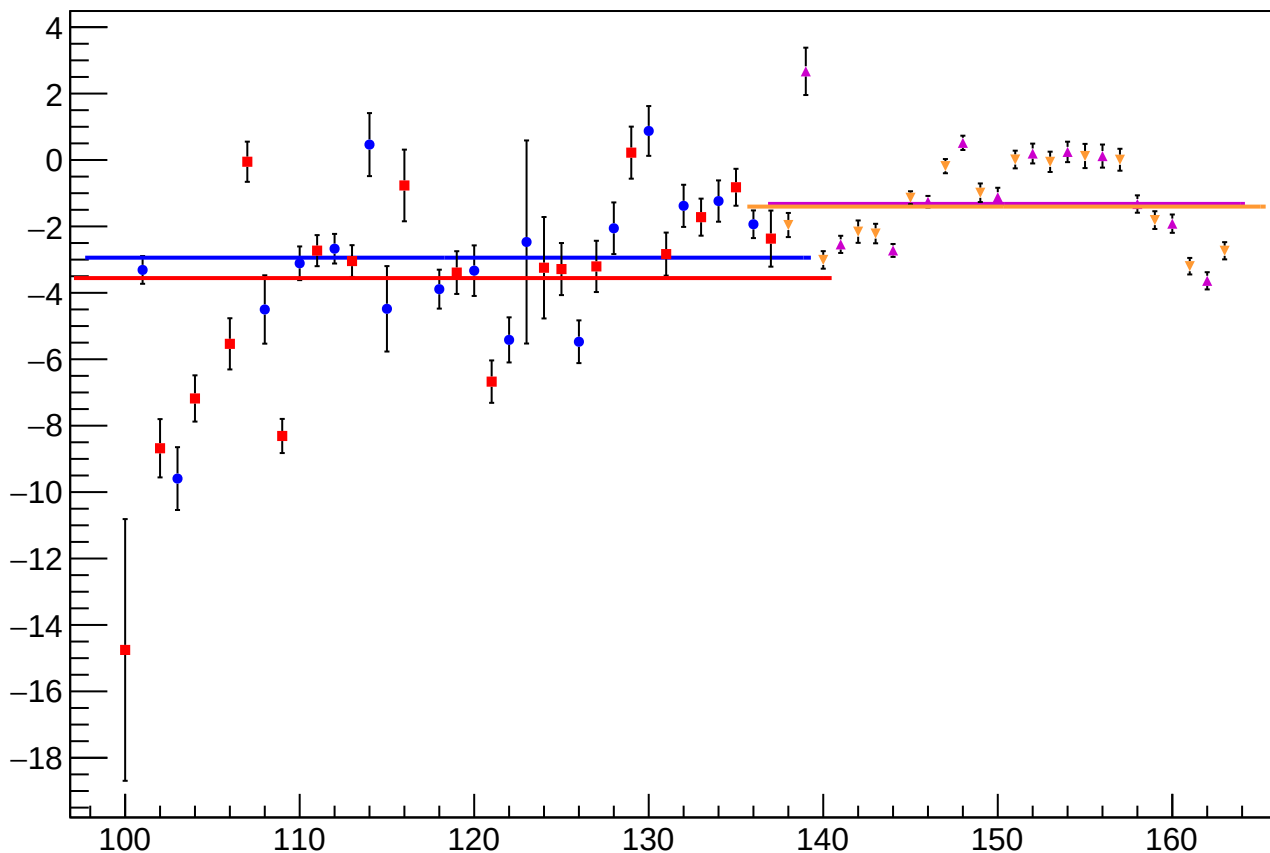
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.018 $\pm$ 0.103 χ^2 /NDF:511.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.958 $\pm$ 0.107 χ^2 /NDF:502.8/11

Left: 2.505 $\pm$ 0.074 χ^2 /NDF: 1064.9/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.958 $\pm$ 0.107 χ^2 /NDF:502.8/11
 Out: 3.018 $\pm$ 0.103 χ^2 /NDF:511.4/13
 All: 2.505 $\pm$ 0.074 χ^2 /NDF: 1064.9/25

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: -1.403 ± 0.073 χ^2/NDF : 252.6/13

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.322 ± 0.074 χ^2/NDF : 332.3/11

Left: -1.364 ± 0.052 χ^2/NDF : 585.5/25

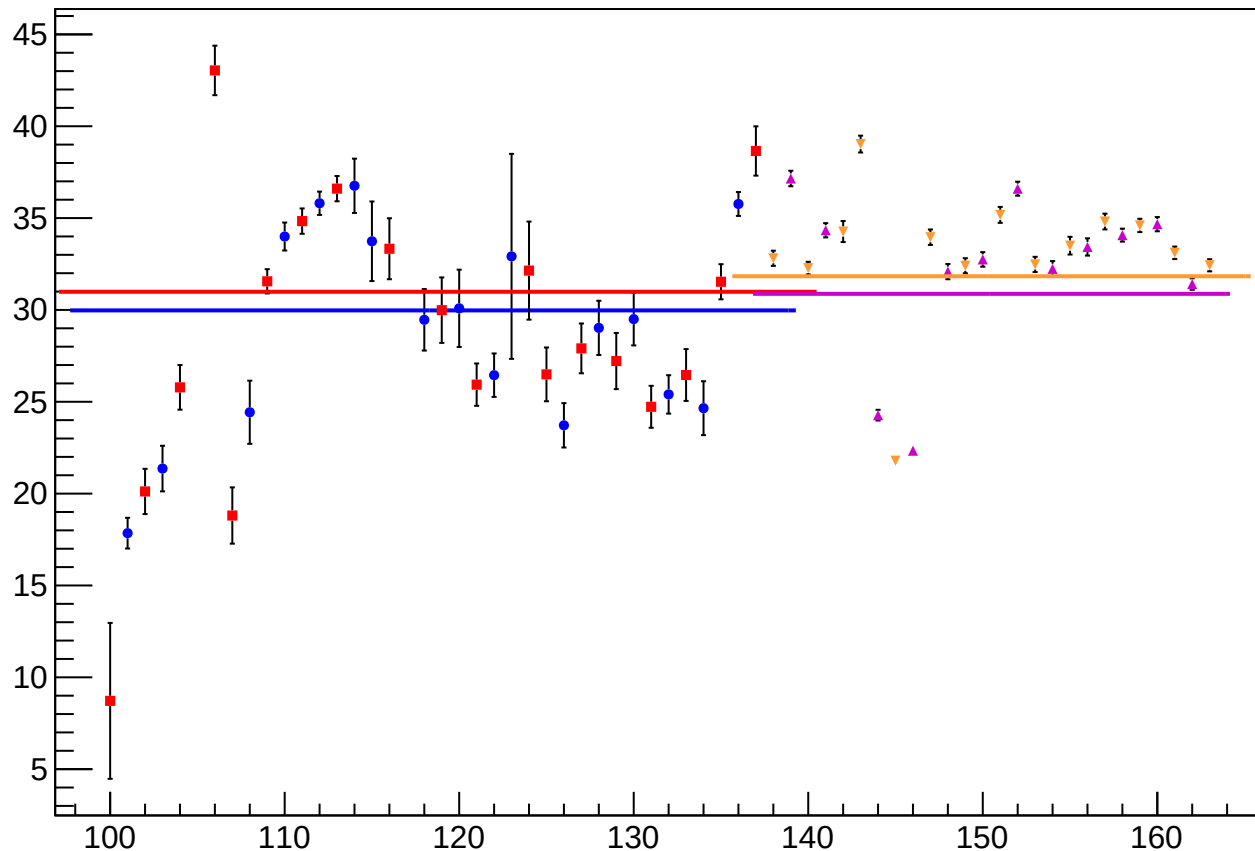
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.625 ± 0.067 χ^2/NDF : 567.5/28

Out: -1.793 ± 0.066 χ^2/NDF : 703.2/32

All: -1.710 ± 0.047 χ^2/NDF : 1273.8/61

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: 31.833 $\pm$ 0.103 χ^2 /NDF: 1990.8/13

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 30.876 $\pm$ 0.105 χ^2 /NDF: 2268.6/11

Left: 31.363 $\pm$ 0.073 χ^2 /NDF: 4302.0/25

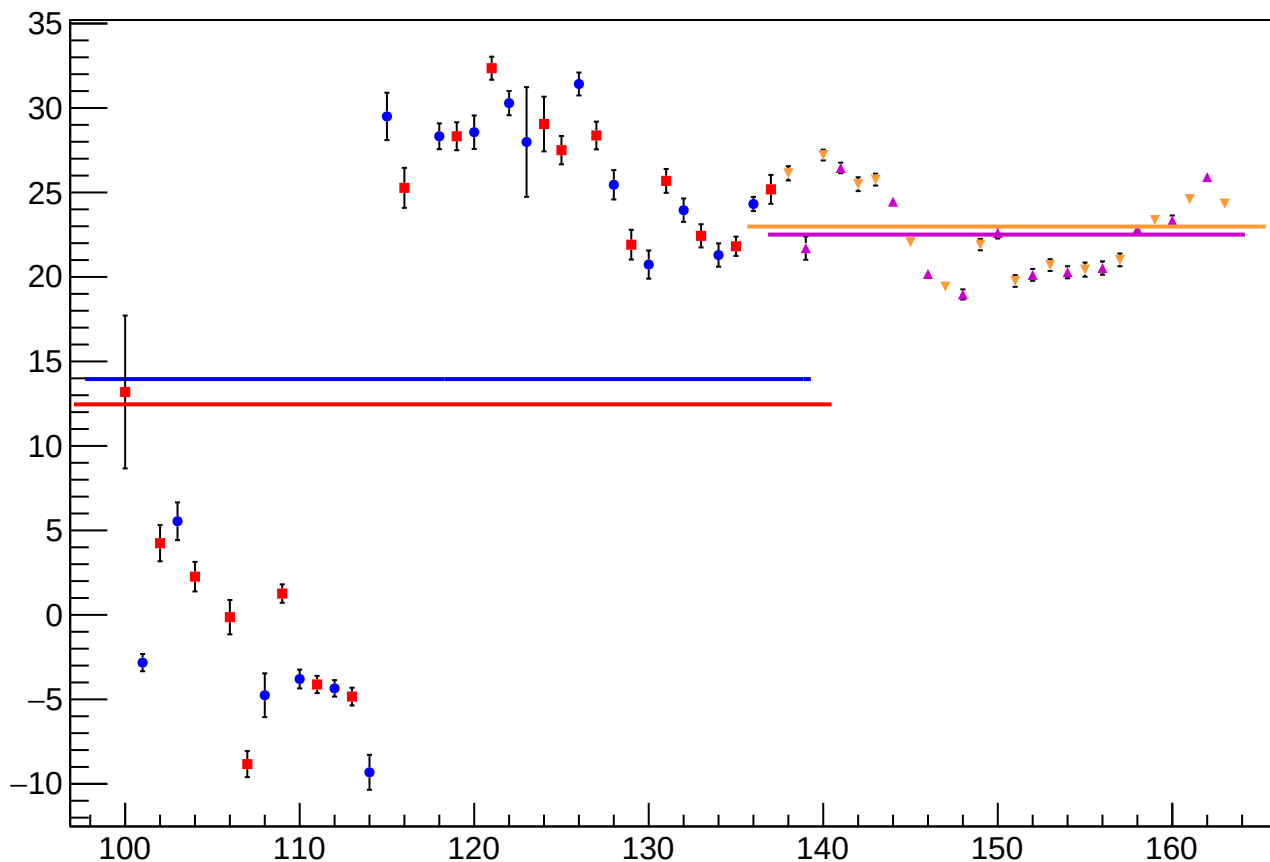
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 30.757 $\pm$ 0.097 χ^2 /NDF: 2832.4/28

Out: 31.719 $\pm$ 0.096 χ^2 /NDF: 2480.9/32

All: 31.247 $\pm$ 0.068 χ^2 /NDF: 5363.1/61

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 ± 0.172 χ^2/NDF : 7348.7/16

Left Out: 22.981 ± 0.085 χ^2/NDF : 761.5/13

Right Out: 12.458 ± 0.174 χ^2/NDF : 6979.9/18

Left In: 22.508 ± 0.087 χ^2/NDF : 761.6/11

Left: 22.750 ± 0.061 χ^2/NDF : 1538.2/25

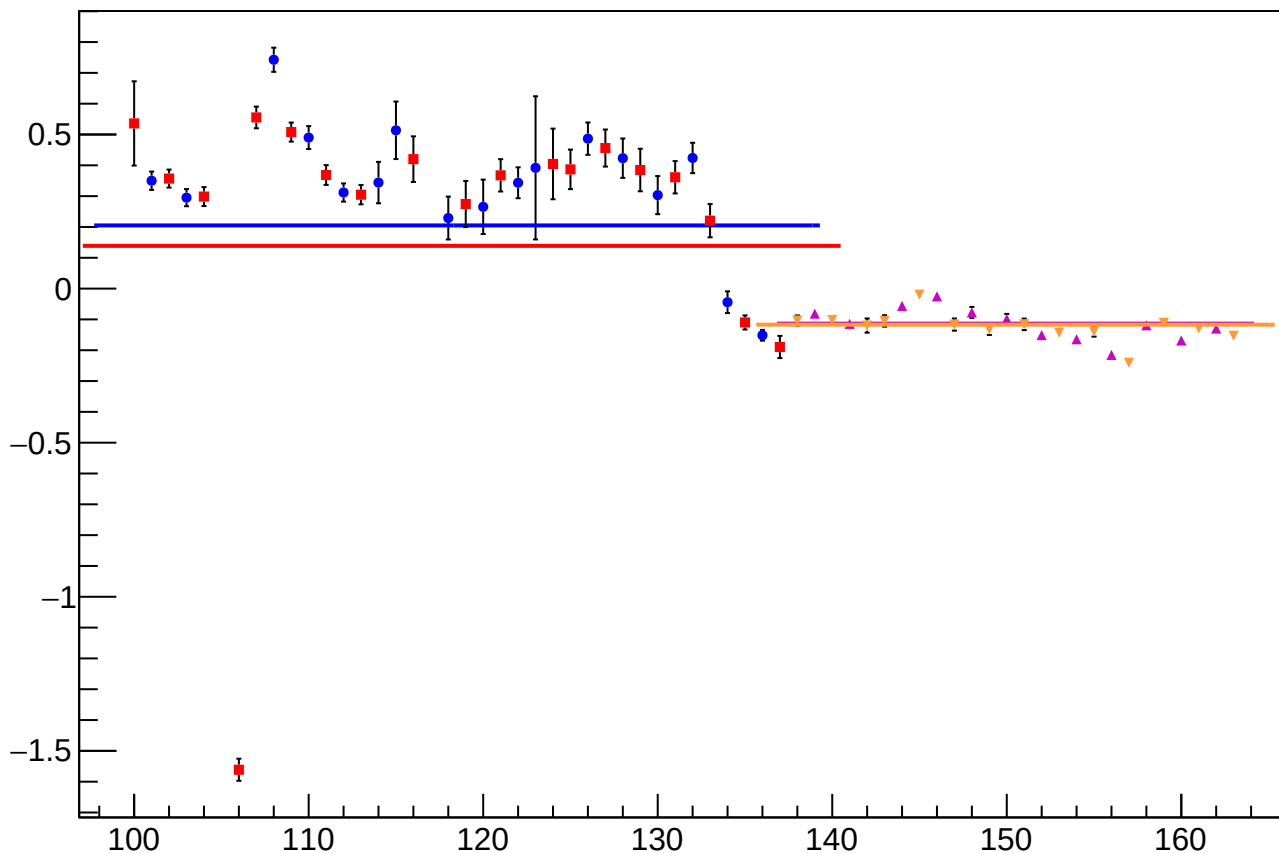
Right: 13.213 ± 0.122 χ^2/NDF : 14366.2/35

In: 20.772 ± 0.078 χ^2/NDF : 10073.0/28

Out: 20.950 ± 0.076 χ^2/NDF : 10706.2/32

All: 20.862 ± 0.054 χ^2/NDF : 20781.8/61

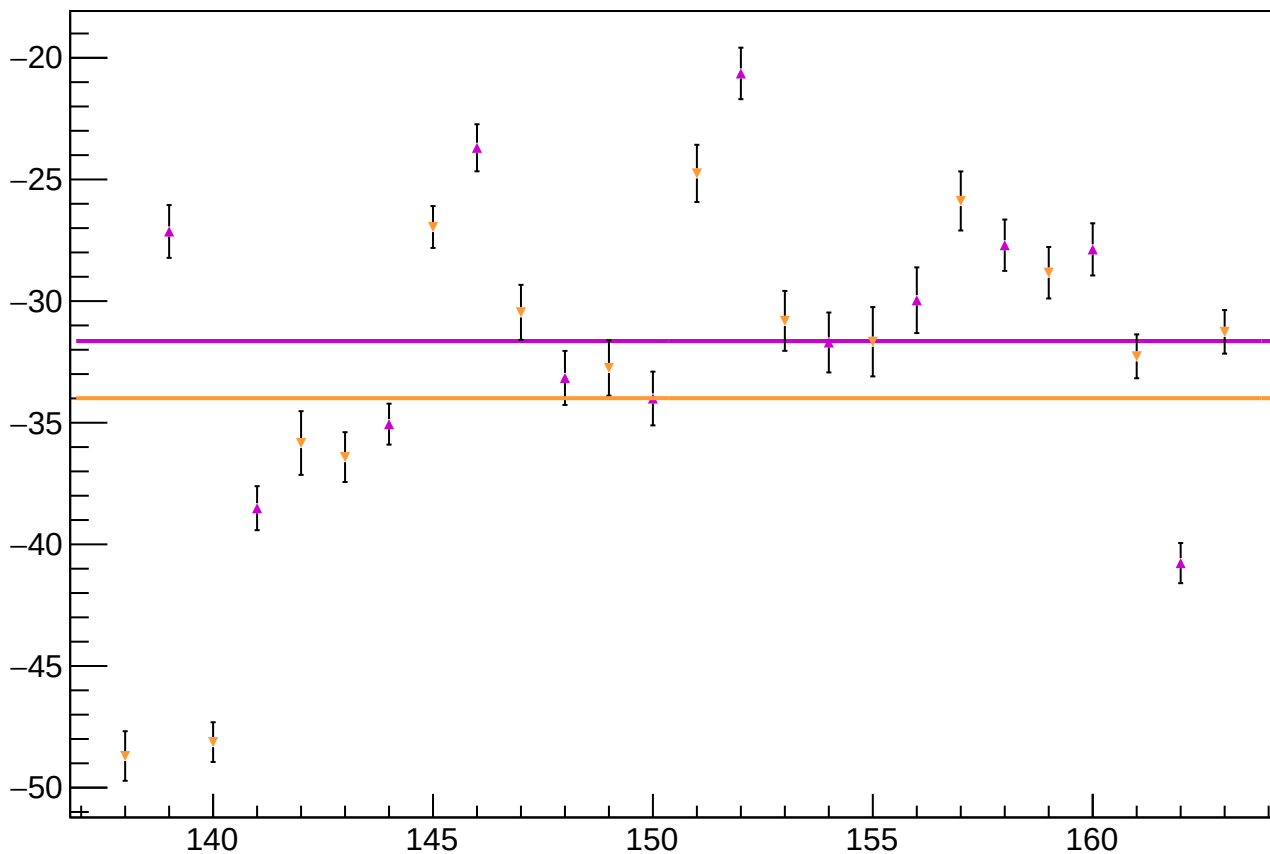
reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$
 Left Out: -0.117 ± 0.004 $\chi^2/\text{NDF}: 180.7/13$
 Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$
 Left In: -0.114 ± 0.004 $\chi^2/\text{NDF}: 156.9/11$

Left: -0.115 ± 0.003 $\chi^2/\text{NDF}: 337.9/25$
 Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$
 In: -0.062 ± 0.004 $\chi^2/\text{NDF}: 1971.6/28$
 Out: -0.076 ± 0.004 $\chi^2/\text{NDF}: 3847.0/32$
 All: -0.069 ± 0.003 $\chi^2/\text{NDF}: 5825.9/61$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



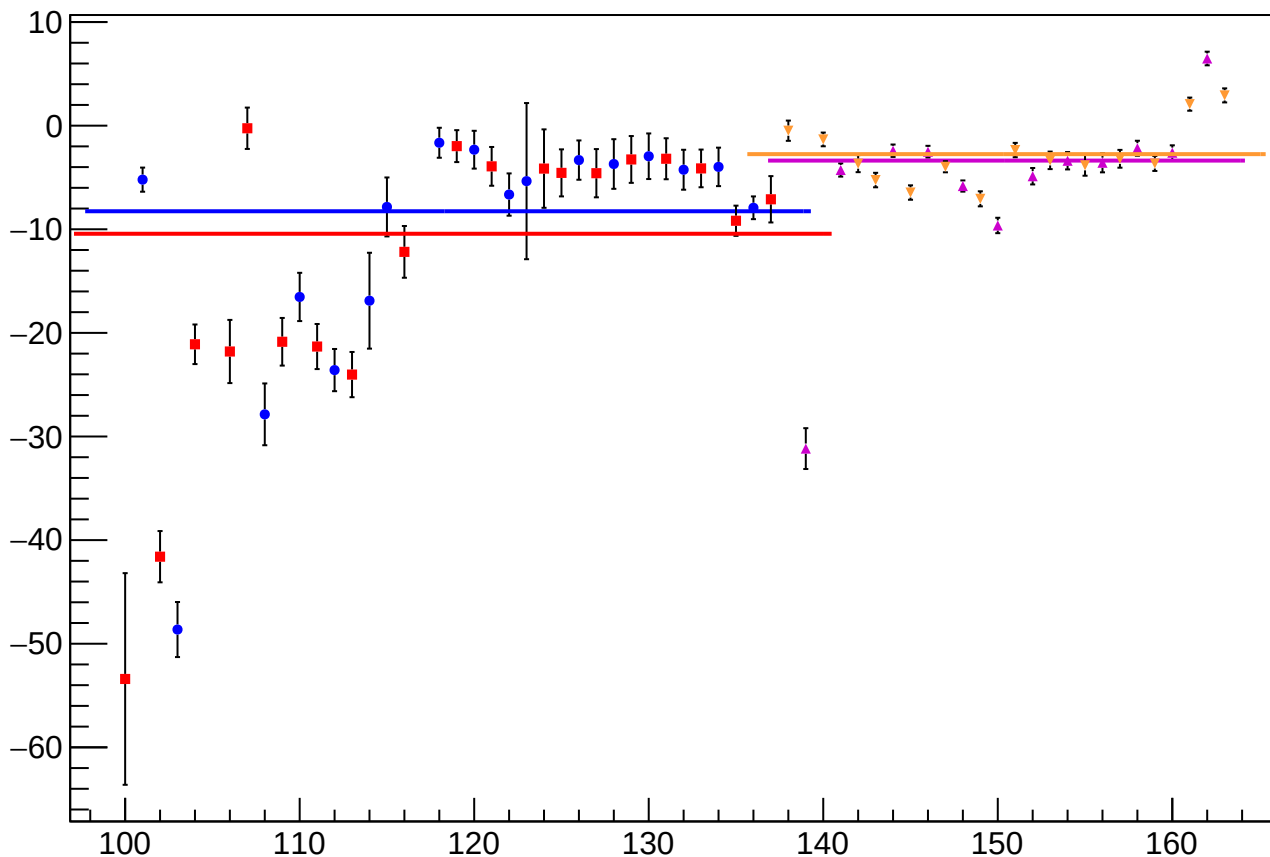
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -33.990 ± 0.279 $\chi^2/\text{NDF}: 745.6/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -31.640 ± 0.295 $\chi^2/\text{NDF}: 423.5/11$

Left: -32.879 ± 0.203 $\chi^2/\text{NDF}: 1202.6/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -31.640 ± 0.295 $\chi^2/\text{NDF}: 423.5/11$
 Out: -33.990 ± 0.279 $\chi^2/\text{NDF}: 745.6/13$

All: -32.879 ± 0.203 $\chi^2/\text{NDF}: 1202.6/25$

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: -2.748 ± 0.194 $\chi^2/\text{NDF}: 224.3/13$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -3.371 ± 0.203 $\chi^2/\text{NDF}: 528.5/11$

Left: -3.044 ± 0.140 $\chi^2/\text{NDF}: 757.8/25$

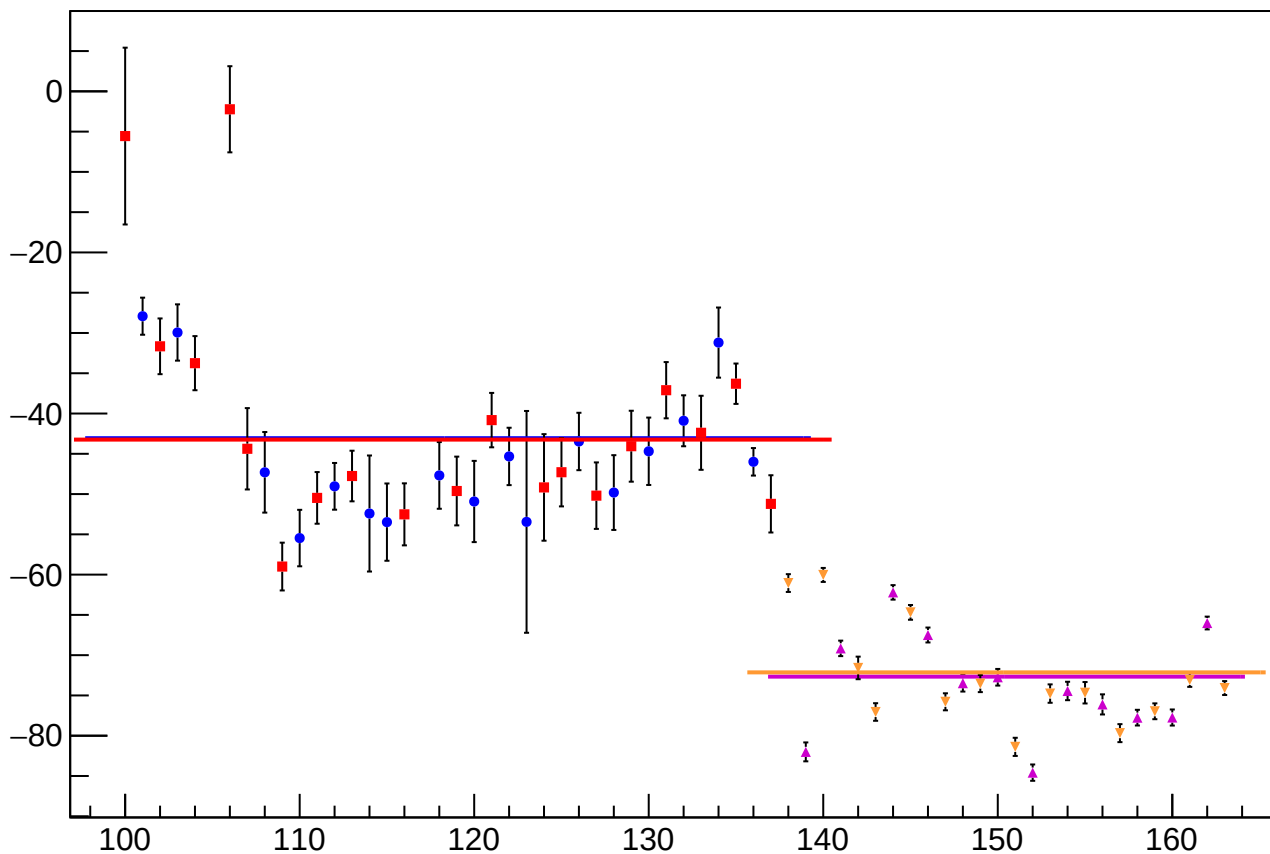
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -4.162 ± 0.186 $\chi^2/\text{NDF}: 1034.1/28$

Out: -3.783 ± 0.180 $\chi^2/\text{NDF}: 865.3/32$

All: -3.966 ± 0.129 $\chi^2/\text{NDF}: 1901.5/61$

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: -72.136 ± 0.276 $\chi^2/\text{NDF}: 547.2/13$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -72.664 ± 0.288 $\chi^2/\text{NDF}: 515.1/11$

Left: -72.389 ± 0.199 $\chi^2/\text{NDF}: 1064.1/25$

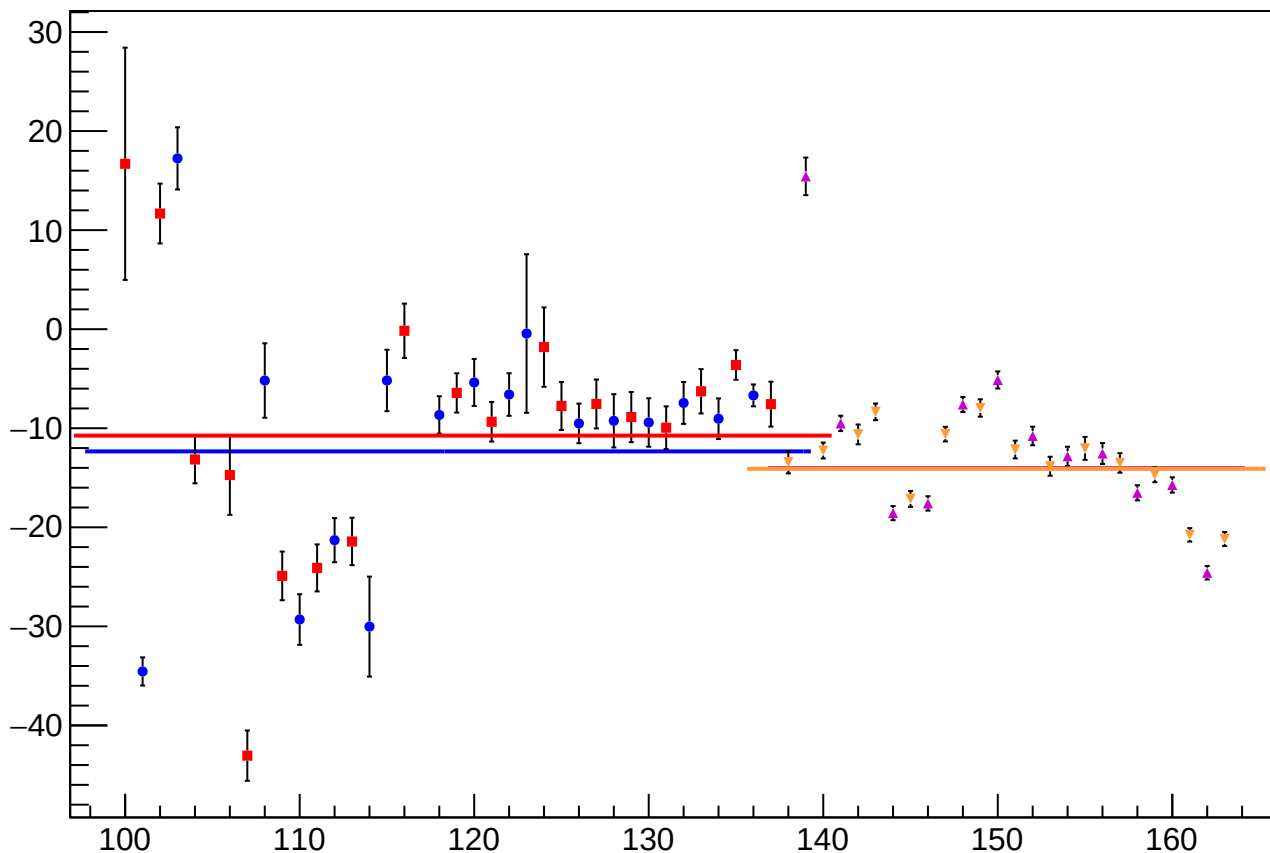
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -69.526 ± 0.272 $\chi^2/\text{NDF}: 1736.7/28$

Out: -69.468 ± 0.263 $\chi^2/\text{NDF}: 1712.1/32$

All: -69.496 ± 0.189 $\chi^2/\text{NDF}: 3448.8/61$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -14.094 ± 0.227 $\chi^2/\text{NDF}: 354.5/13$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -14.029 ± 0.239 $\chi^2/\text{NDF}: 786.0/11$

Left: -14.063 ± 0.165 $\chi^2/\text{NDF}: 1140.5/25$

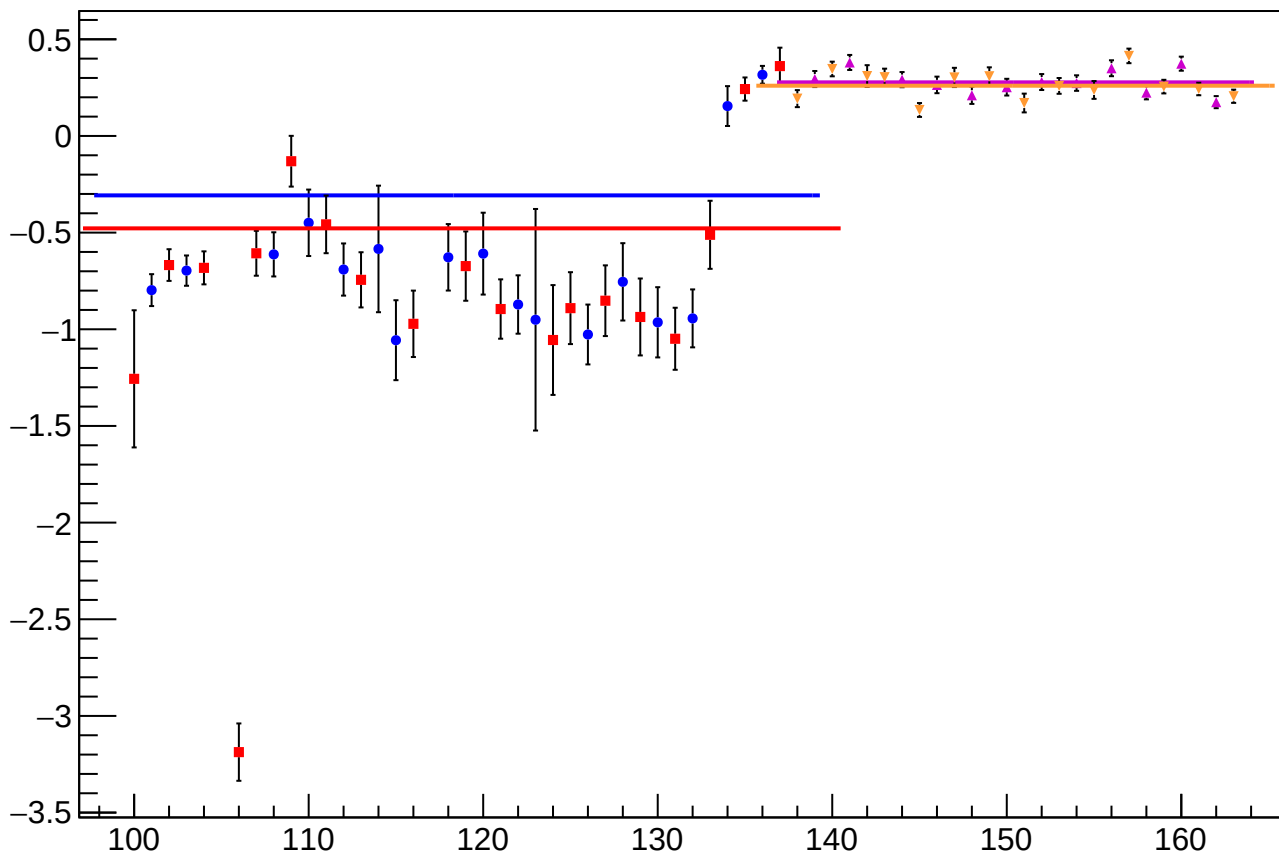
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -13.734 ± 0.217 $\chi^2/\text{NDF}: 1269.9/28$

Out: -13.611 ± 0.210 $\chi^2/\text{NDF}: 752.8/32$

All: -13.670 ± 0.151 $\chi^2/\text{NDF}: 2022.8/61$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.260 ± 0.011 χ^2/NDF : 46.6/13

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.277 ± 0.011 χ^2/NDF : 33.2/11

Left: 0.268 ± 0.008 χ^2/NDF : 81.0/25

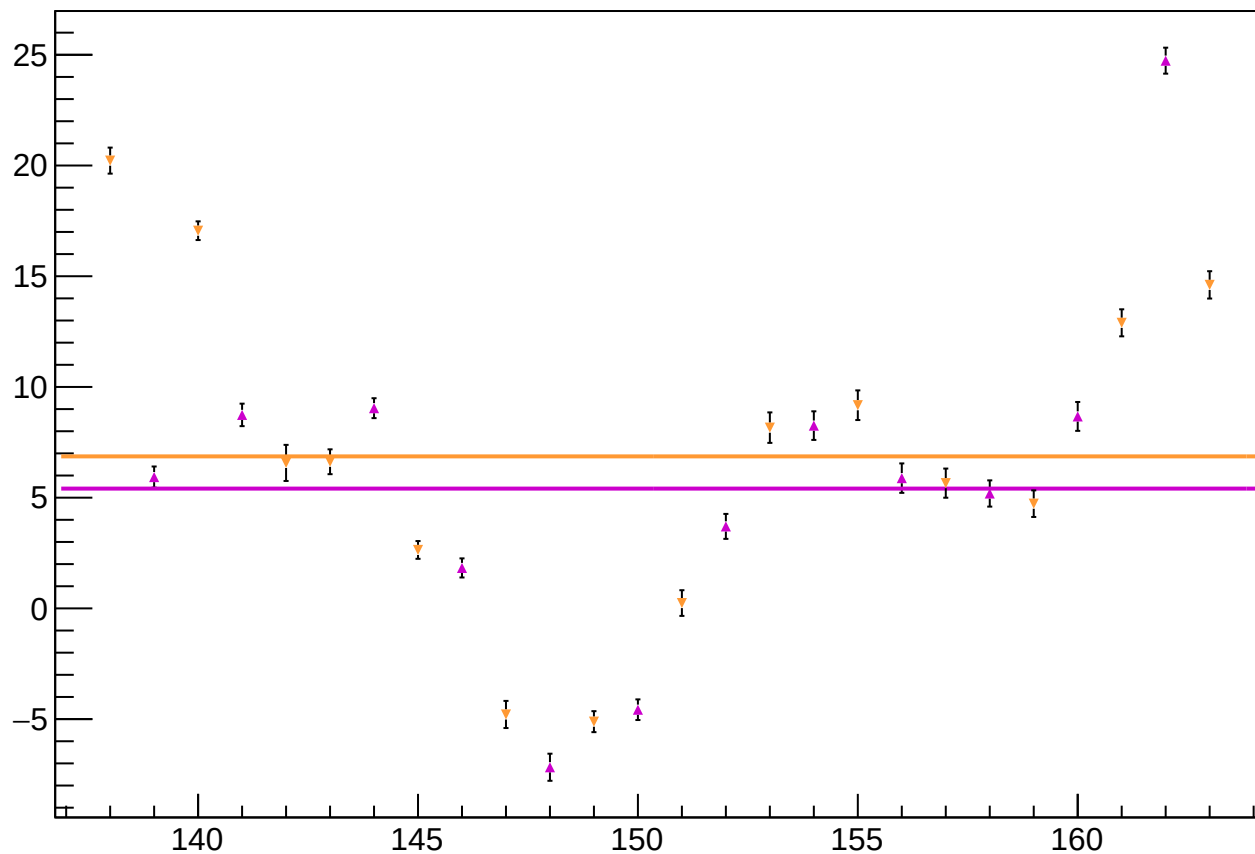
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.193 ± 0.010 χ^2/NDF : 791.6/28

Out: 0.167 ± 0.010 χ^2/NDF : 1262.7/32

All: 0.180 ± 0.007 χ^2/NDF : 2057.6/61

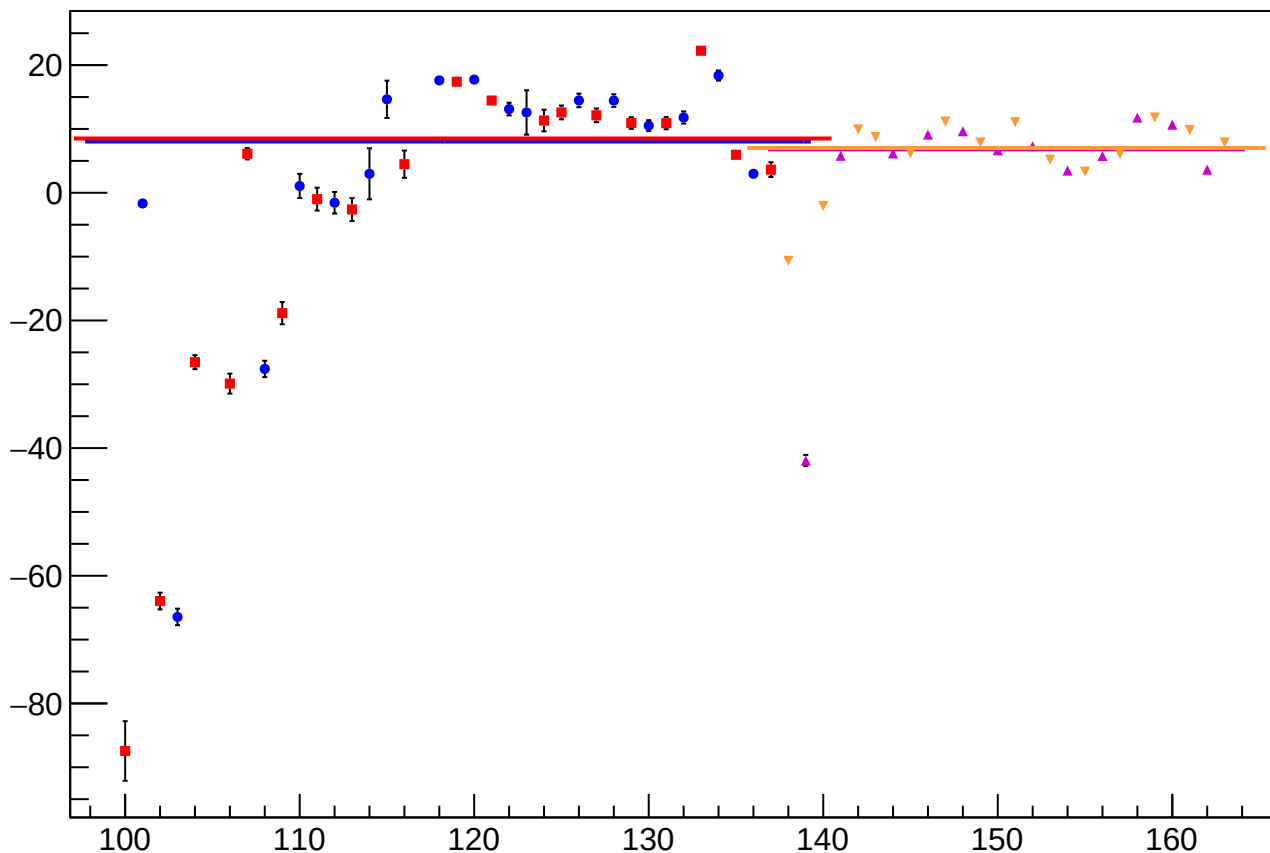
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.864+/-0.150 χ^2/NDF :2629.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.410+/-0.155 χ^2/NDF :2199.7/11

Left: 6.158+/-0.108 χ^2/NDF : 4874.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.410+/-0.155 χ^2/NDF :2199.7/11
 Out: 6.864+/-0.150 χ^2/NDF :2629.2/13
 All: 6.158+/-0.108 χ^2/NDF : 4874.3/25

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 7.021 ± 0.105 χ^2/NDF : 2215.8/13

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.806 ± 0.109 χ^2/NDF : 3579.8/11

Left: 6.918 ± 0.076 χ^2/NDF : 5797.6/25

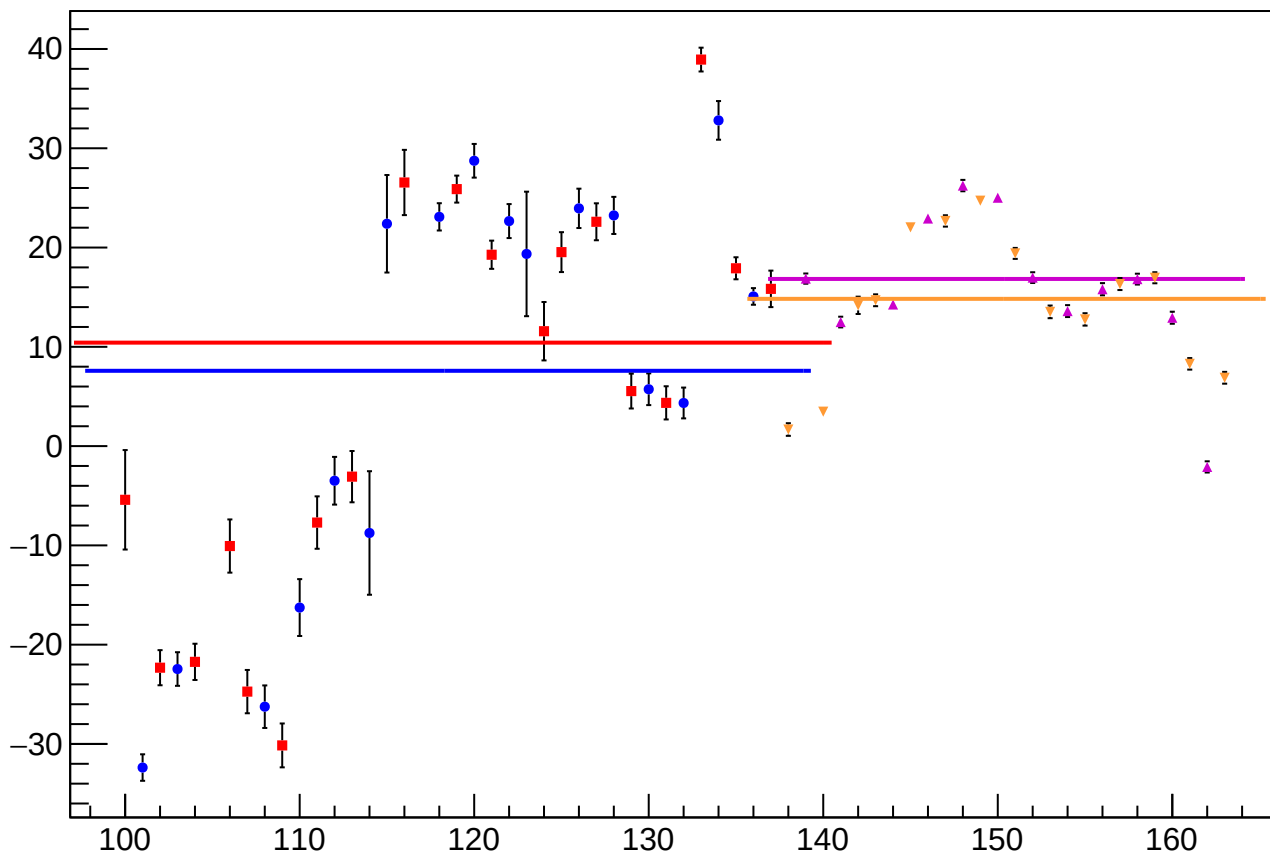
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 7.058 ± 0.097 χ^2/NDF : 8976.0/28

Out: 7.312 ± 0.094 χ^2/NDF : 8968.4/32

All: 7.189 ± 0.068 χ^2/NDF : 17947.9/61

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: 14.833 ± 0.149 χ^2/NDF : 2449.0/13

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 16.837 ± 0.151 χ^2/NDF : 2126.8/11

Left: 15.818 ± 0.106 χ^2/NDF : 4665.0/25

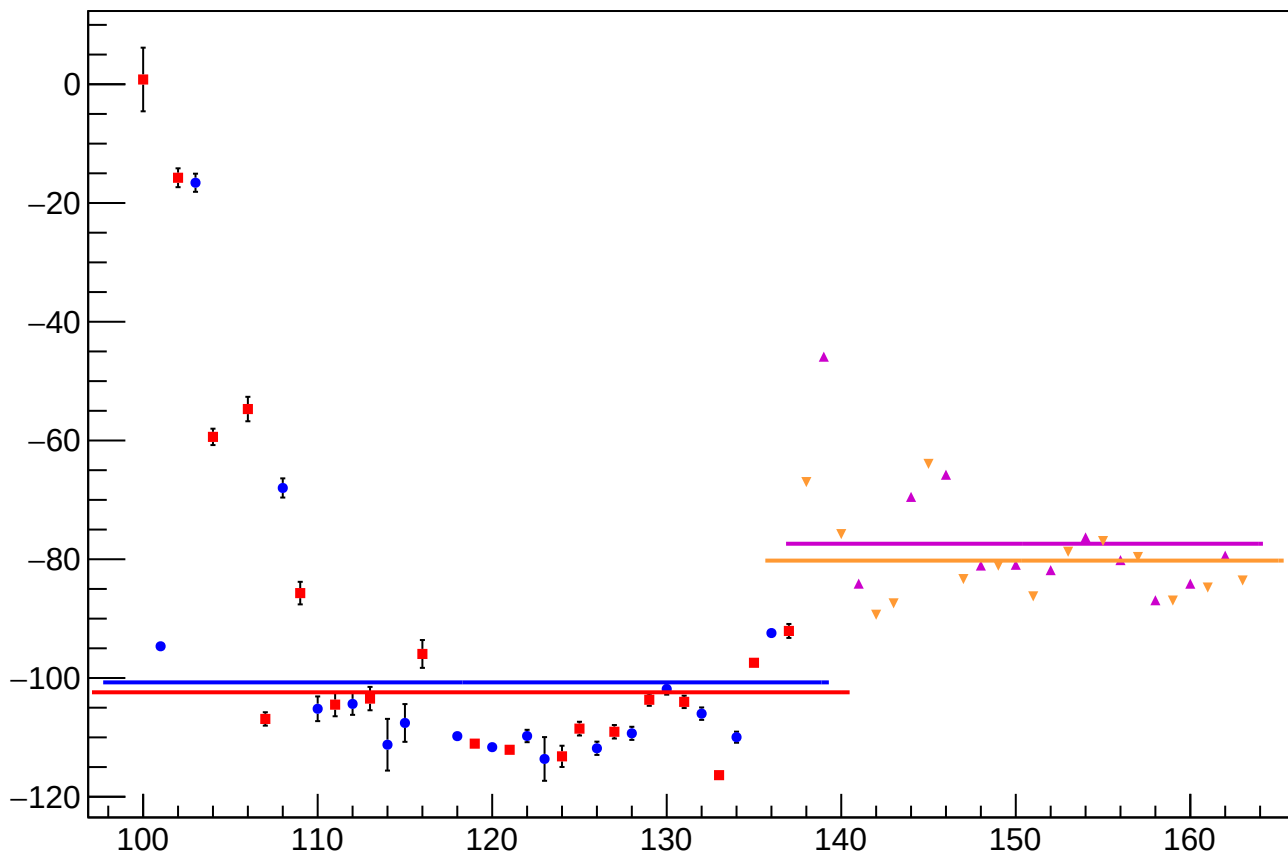
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 15.757 ± 0.142 χ^2/NDF : 4885.8/28

Out: 14.333 ± 0.140 χ^2/NDF : 4838.2/32

All: 15.034 ± 0.100 χ^2/NDF : 9774.9/61

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: -80.227 ± 0.124 $\chi^2/\text{NDF}: 3474.9/13$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -77.387 ± 0.128 $\chi^2/\text{NDF}: 4185.8/11$

Left: -78.857 ± 0.089 $\chi^2/\text{NDF}: 7914.6/25$

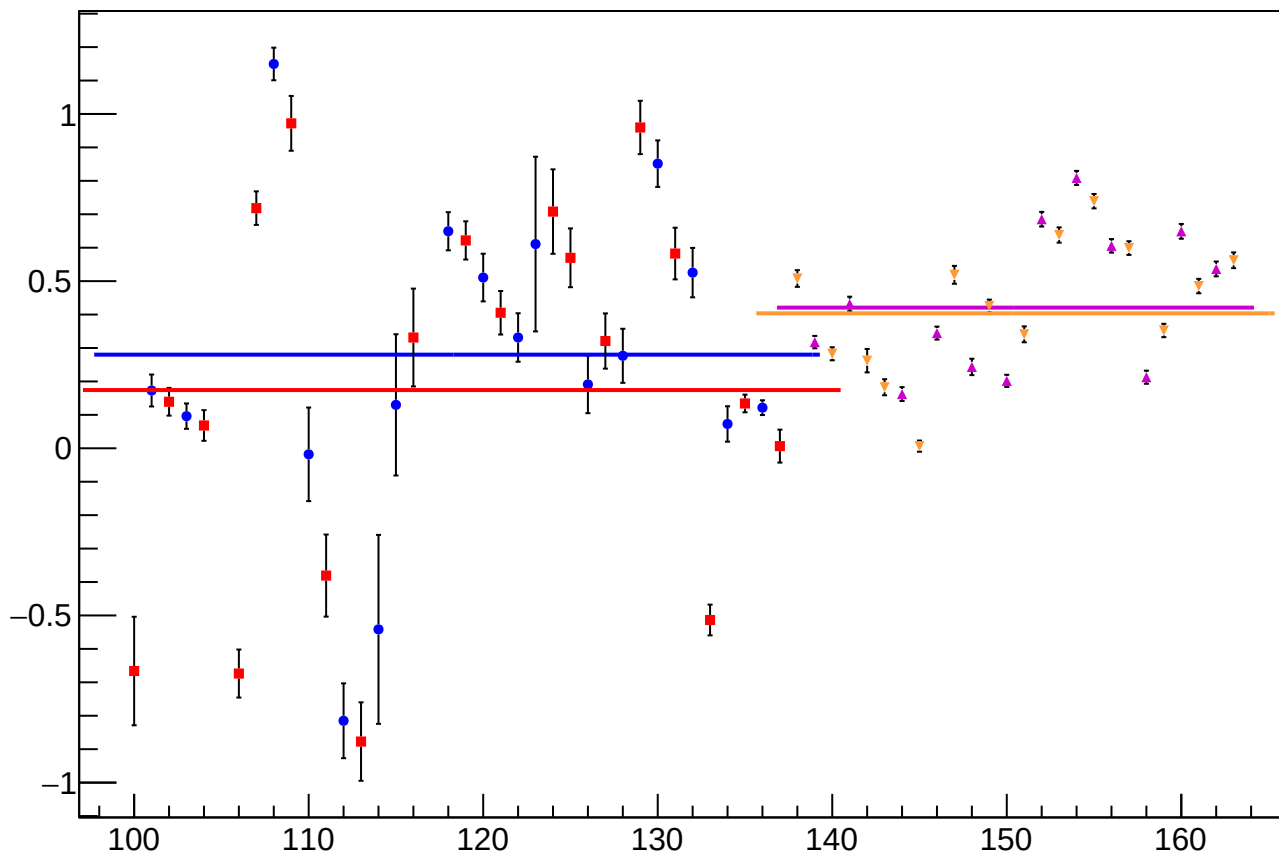
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -82.303 ± 0.114 $\chi^2/\text{NDF}: 15687.0/28$

Out: -84.712 ± 0.111 $\chi^2/\text{NDF}: 16056.8/32$

All: -83.544 ± 0.079 $\chi^2/\text{NDF}: 31974.0/61$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.404 ± 0.006 χ^2/NDF : 1256.9/13

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.421 ± 0.006 χ^2/NDF : 1213.2/11

Left: 0.412 ± 0.004 χ^2/NDF : 2474.3/25

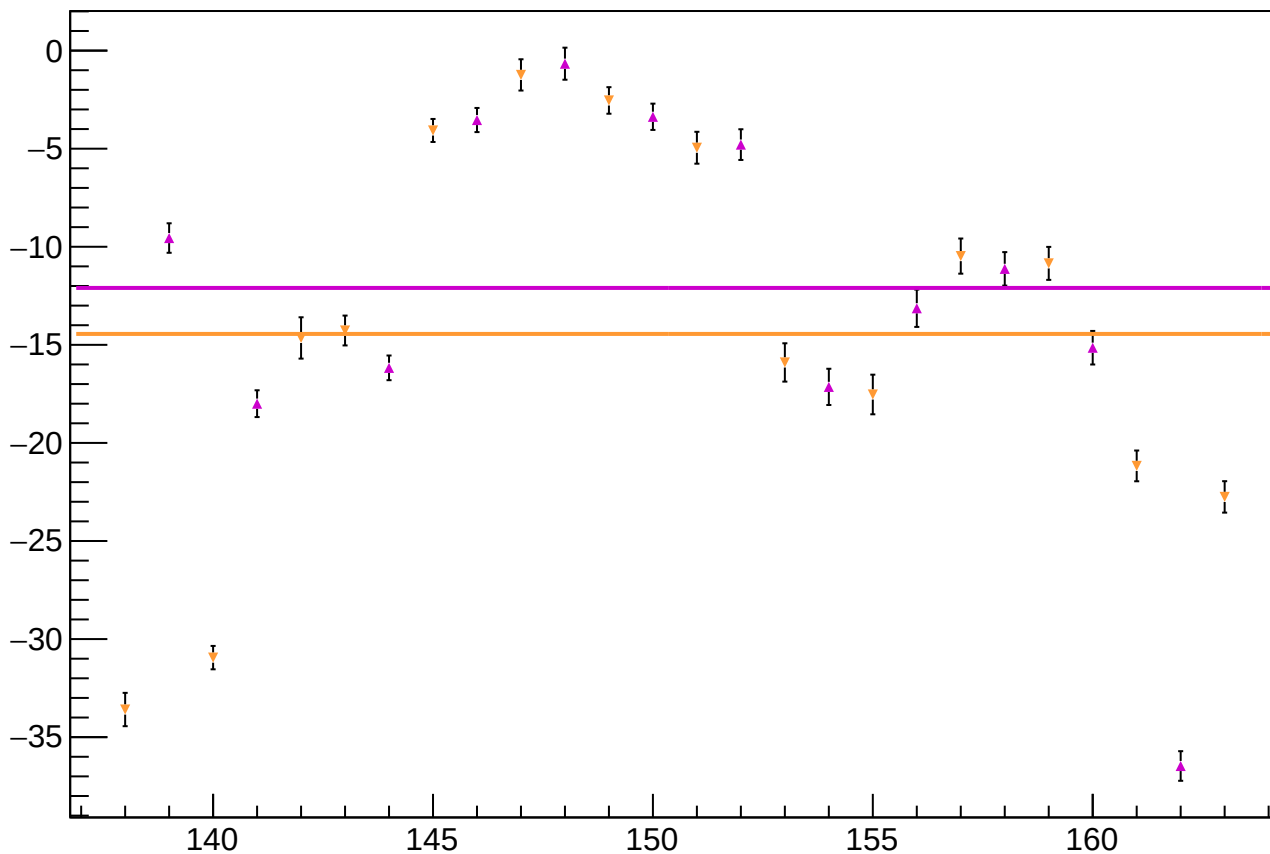
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.398 ± 0.005 χ^2/NDF : 1960.7/28

Out: 0.367 ± 0.005 χ^2/NDF : 2466.0/32

All: 0.382 ± 0.004 χ^2/NDF : 4442.8/61

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.444+/-0.209 χ^2/NDF :2538.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.099+/-0.217 χ^2/NDF :1861.1/11

Left: -13.316+/-0.151 χ^2/NDF : 4459.7/25

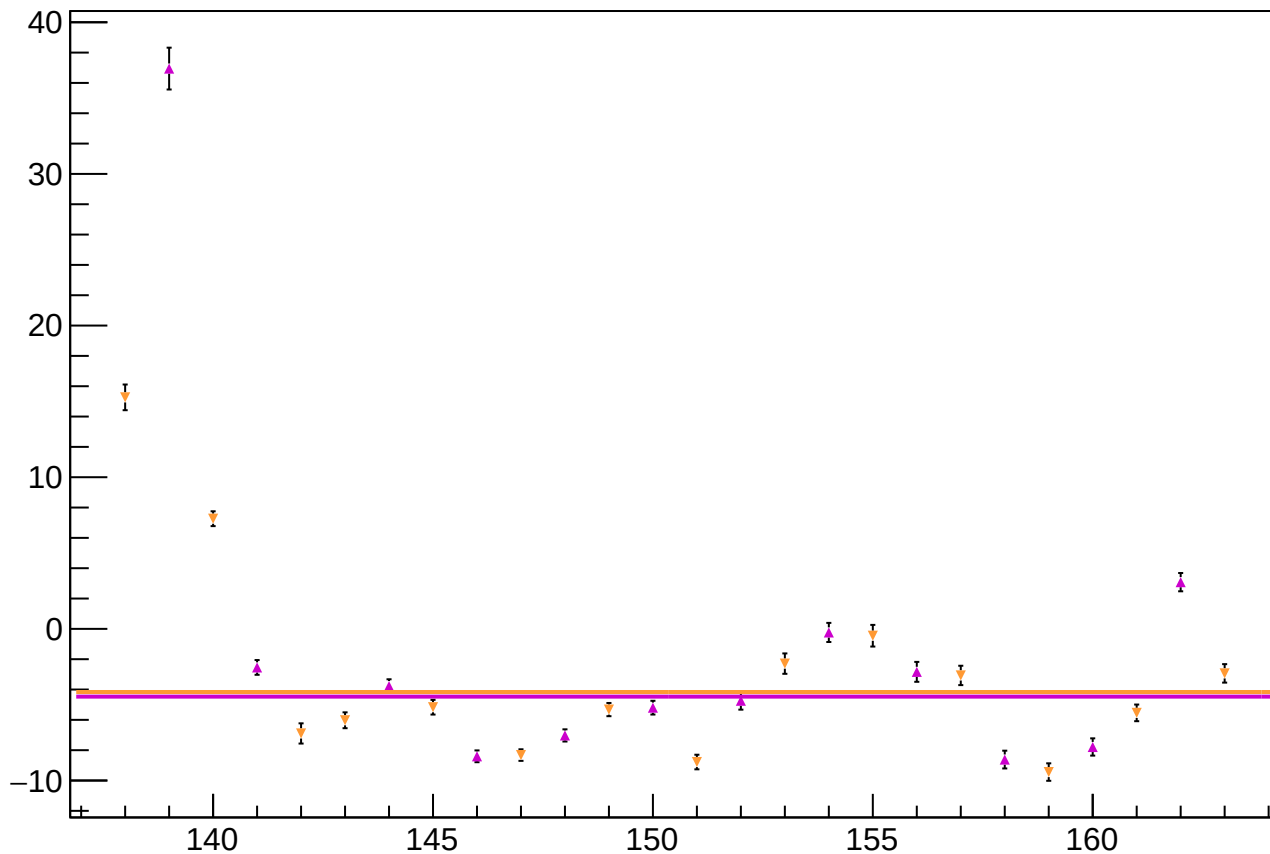
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.099+/-0.217 χ^2/NDF :1861.1/11

Out: -14.444+/-0.209 χ^2/NDF :2538.1/13

All: -13.316+/-0.151 χ^2/NDF : 4459.7/25

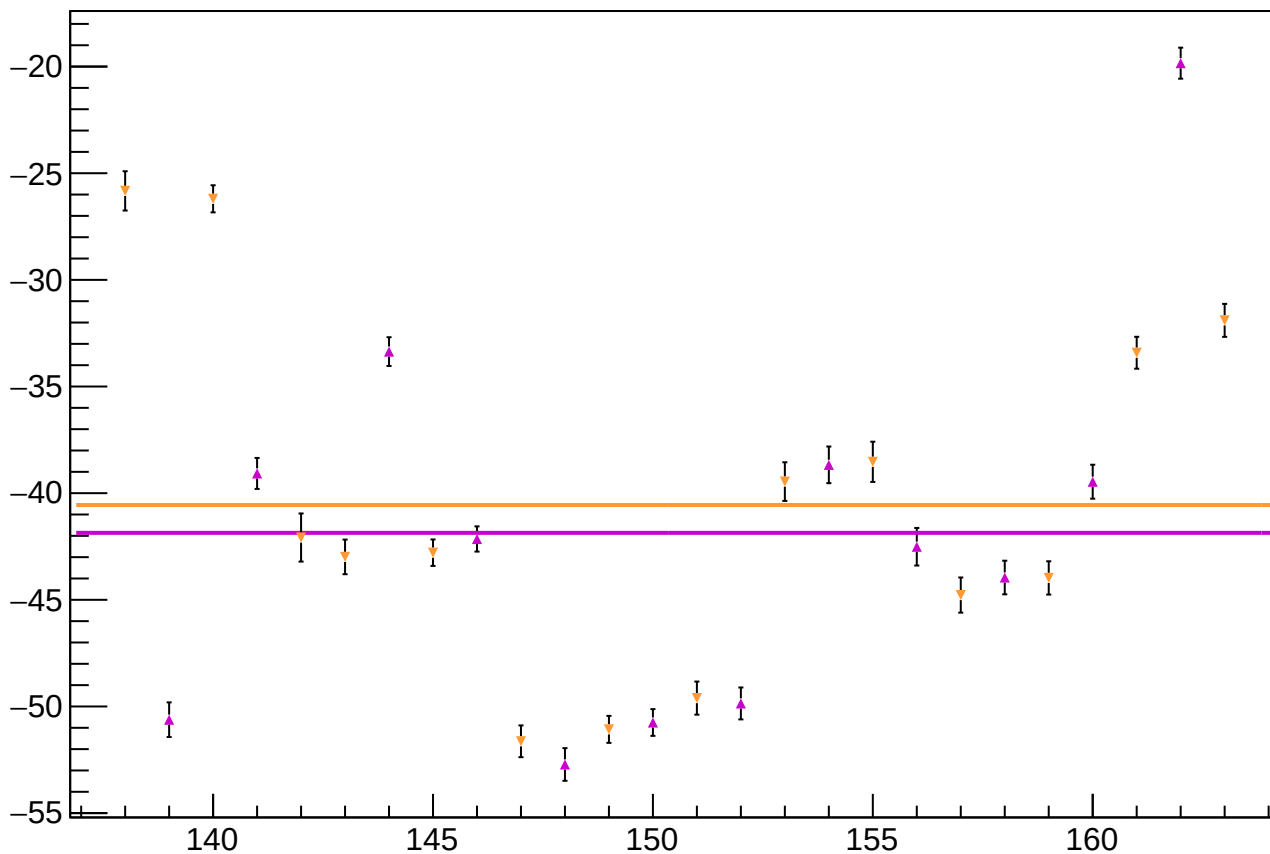
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.163+/-0.145 χ^2/NDF :1456.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.467+/-0.151 χ^2/NDF :1357.5/11

Left: -4.308+/-0.104 χ^2/NDF : 2816.1/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.467+/-0.151 χ^2/NDF :1357.5/11
 Out: -4.163+/-0.145 χ^2/NDF :1456.5/13
 All: -4.308+/-0.104 χ^2/NDF : 2816.1/25

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.554+/-0.207 χ^2/NDF :1692.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.860+/-0.212 χ^2/NDF :1754.5/11

Left: -41.190+/-0.148 χ^2/NDF : 3466.3/25

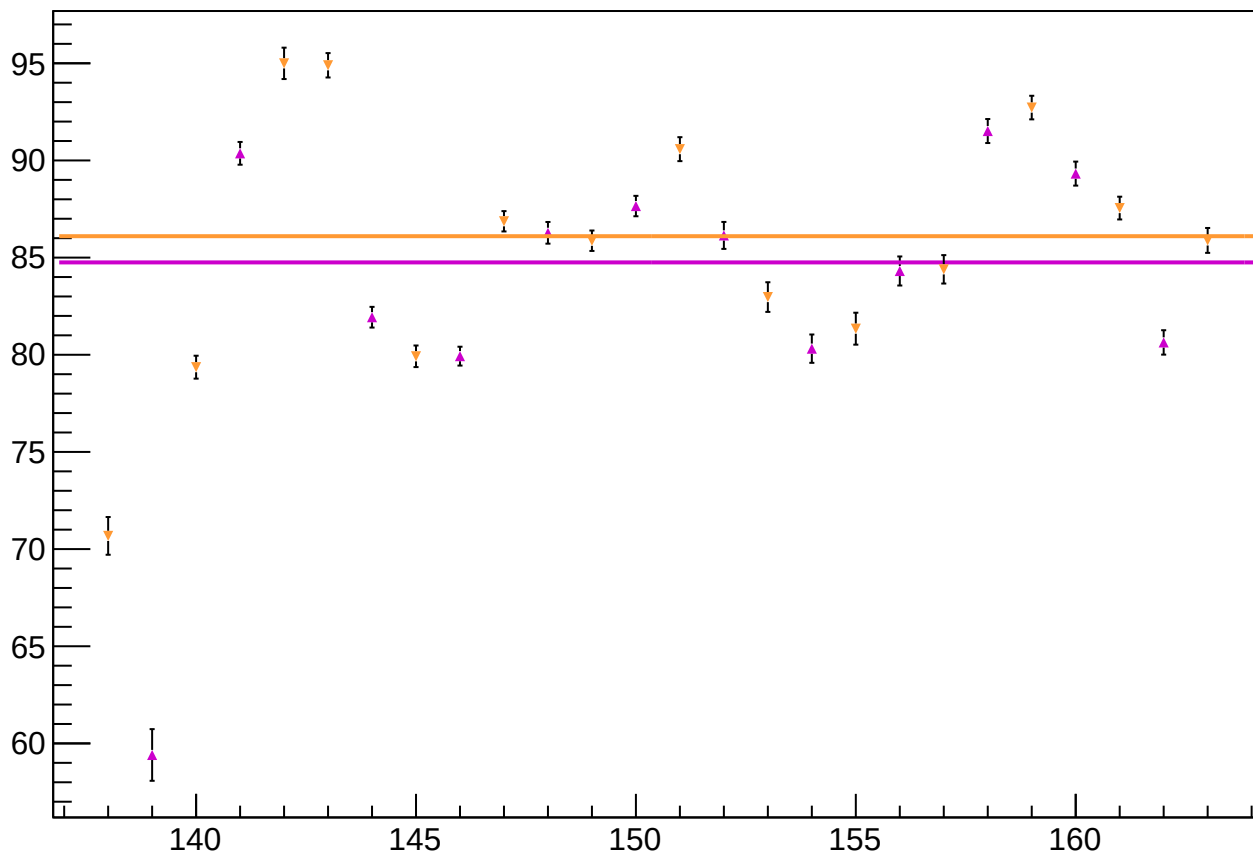
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.860+/-0.212 χ^2/NDF :1754.5/11

Out: -40.554+/-0.207 χ^2/NDF :1692.4/13

All: -41.190+/-0.148 χ^2/NDF : 3466.3/25

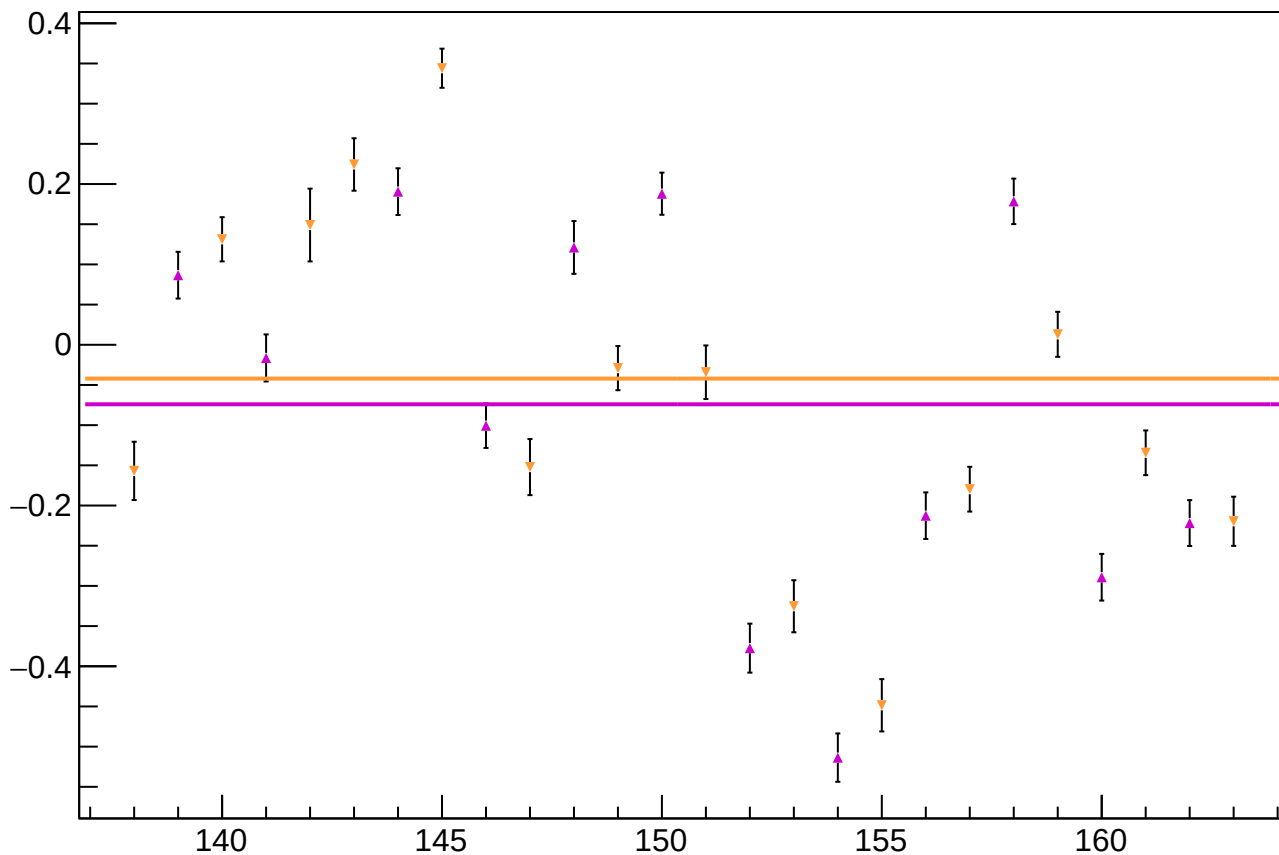
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 86.102 $\pm$ 0.171 χ^2 /NDF:1060.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 84.753 $\pm$ 0.178 χ^2 /NDF:879.1/11

Left: 85.455 $\pm$ 0.123 χ^2 /NDF: 1969.9/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 84.753 $\pm$ 0.178 χ^2 /NDF:879.1/11
 Out: 86.102 $\pm$ 0.171 χ^2 /NDF:1060.8/13
 All: 85.455 $\pm$ 0.123 χ^2 /NDF: 1969.9/25

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected

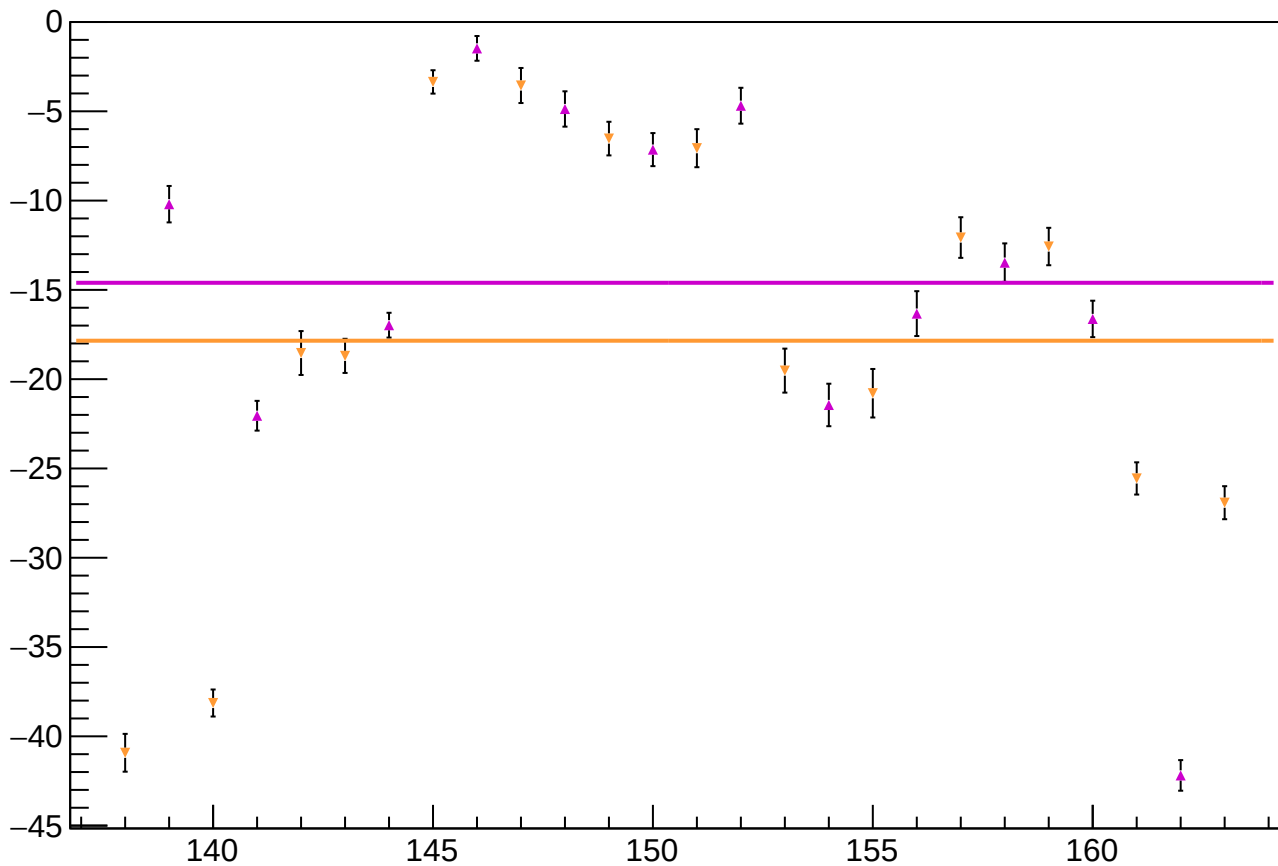


Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.042 ± 0.008 $\chi^2/\text{NDF}: 701.5/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.074 ± 0.008 $\chi^2/\text{NDF}: 750.1/11$

Left: -0.058 ± 0.006 $\chi^2/\text{NDF}: 1459.1/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.074 ± 0.008 $\chi^2/\text{NDF}: 750.1/11$
 Out: -0.042 ± 0.008 $\chi^2/\text{NDF}: 701.5/13$

All: -0.058 ± 0.006 $\chi^2/\text{NDF}: 1459.1/25$

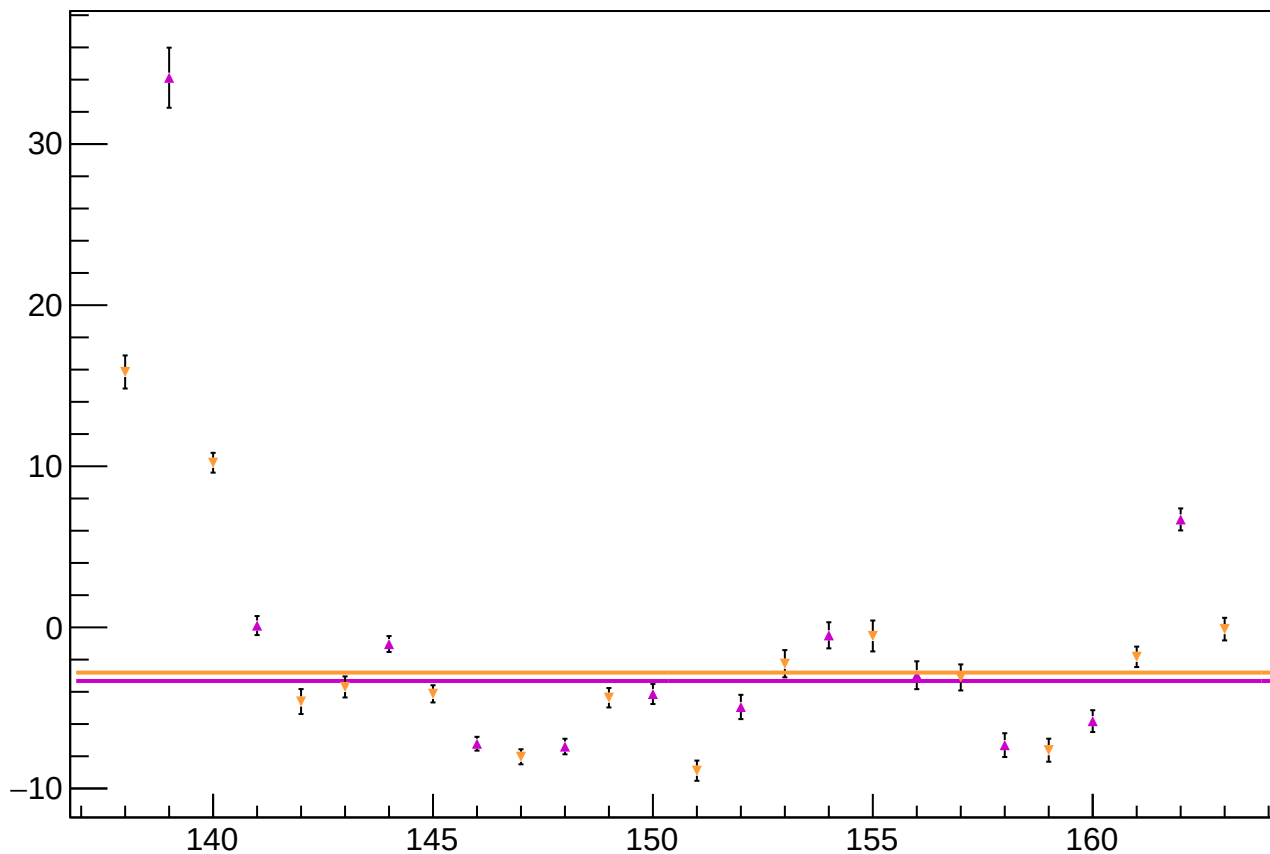
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -17.847 $\pm$ 0.258 χ^2/NDF :2370.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -14.603 $\pm$ 0.265 χ^2/NDF :1804.5/11

Left: -16.268 $\pm$ 0.185 χ^2/NDF : 4252.0/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -14.603 $\pm$ 0.265 χ^2/NDF :1804.5/11
 Out: -17.847 $\pm$ 0.258 χ^2/NDF :2370.4/13
 All: -16.268 $\pm$ 0.185 χ^2/NDF : 4252.0/25

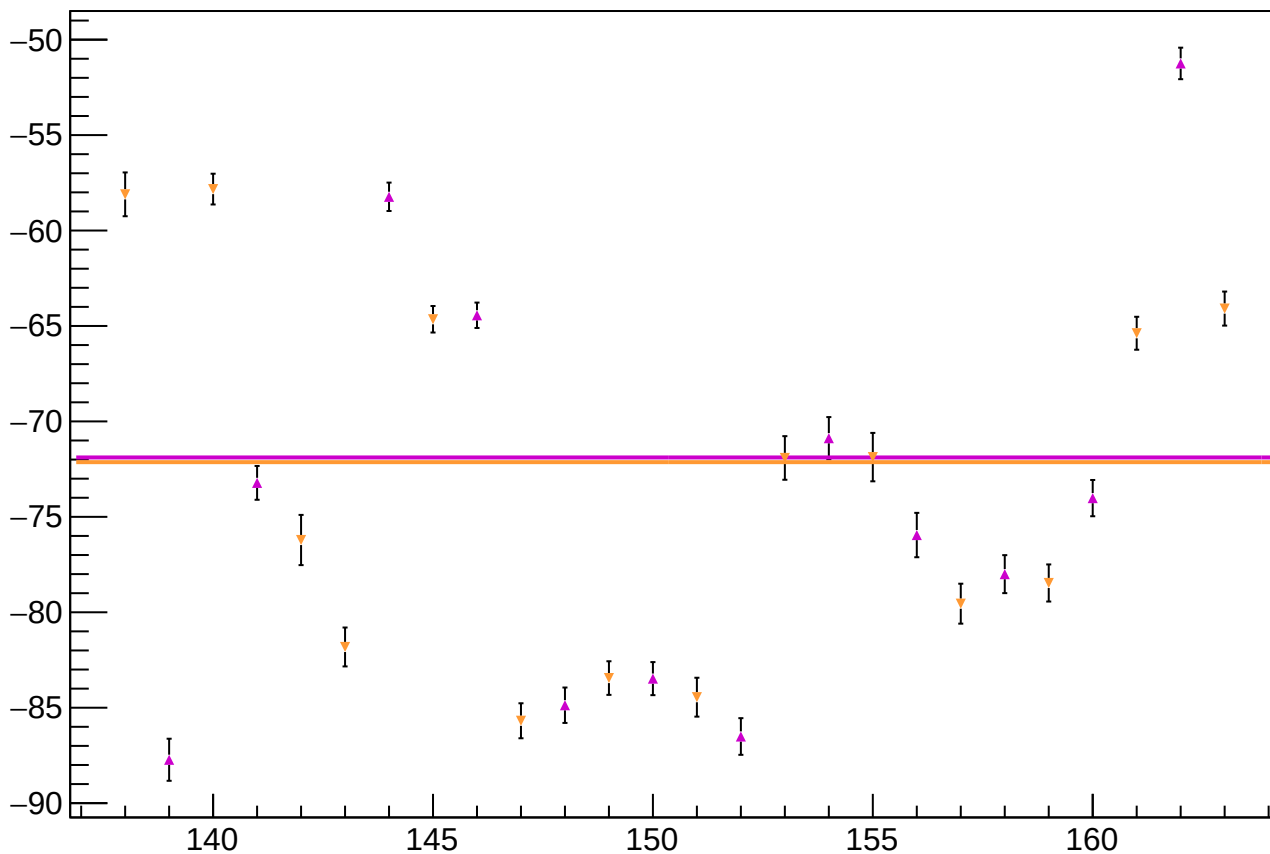
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.807 $\pm$ 0.178 χ^2 /NDF:1087.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.327 $\pm$ 0.182 χ^2 /NDF:888.6/11

Left: -3.062 $\pm$ 0.127 χ^2 /NDF: 1980.6/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.327 $\pm$ 0.182 χ^2 /NDF:888.6/11
 Out: -2.807 $\pm$ 0.178 χ^2 /NDF:1087.8/13
 All: -3.062 $\pm$ 0.127 χ^2 /NDF: 1980.6/25

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.135+/-0.256 χ^2/NDF :1445.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Left: -72.013+/-0.182 χ^2/NDF : 3405.4/25

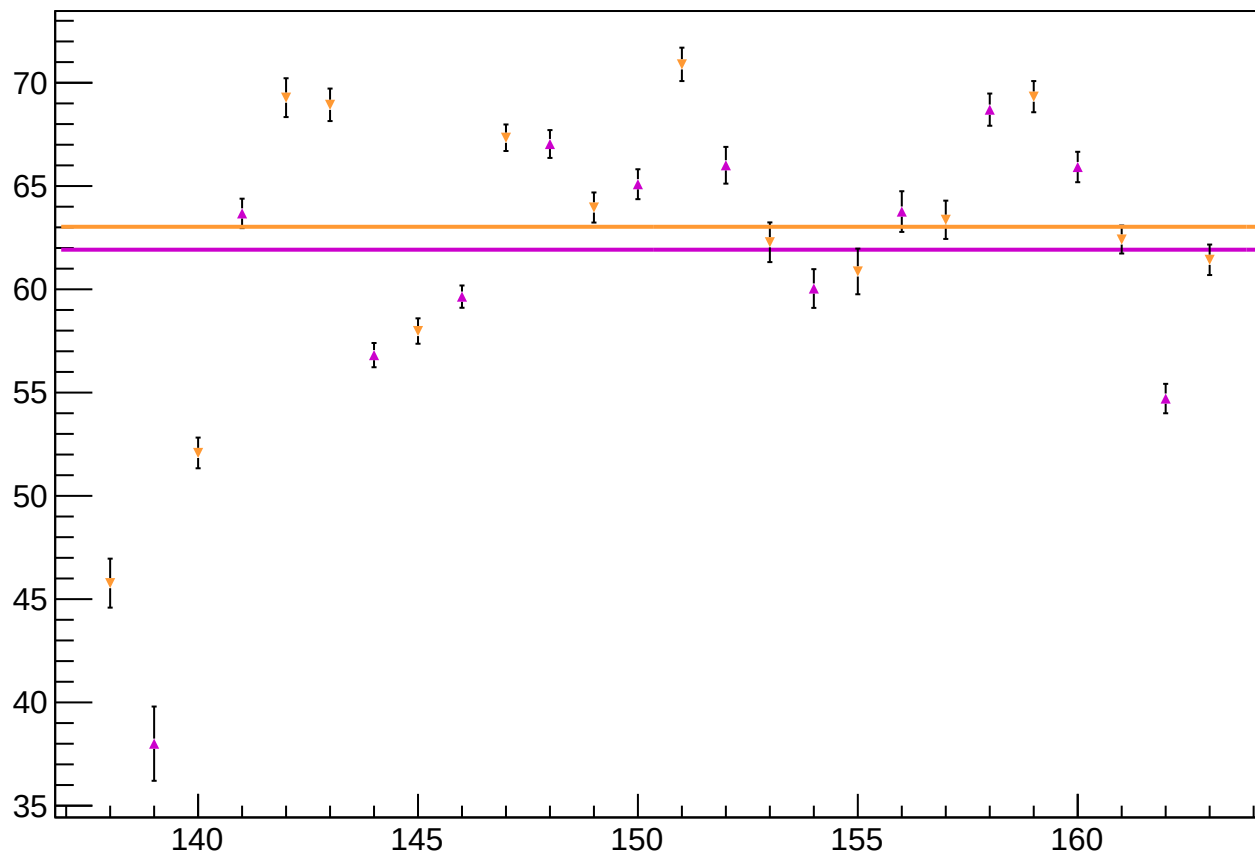
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.888+/-0.259 χ^2/NDF :1959.2/11

Out: -72.135+/-0.256 χ^2/NDF :1445.7/13

All: -72.013+/-0.182 χ^2/NDF : 3405.4/25

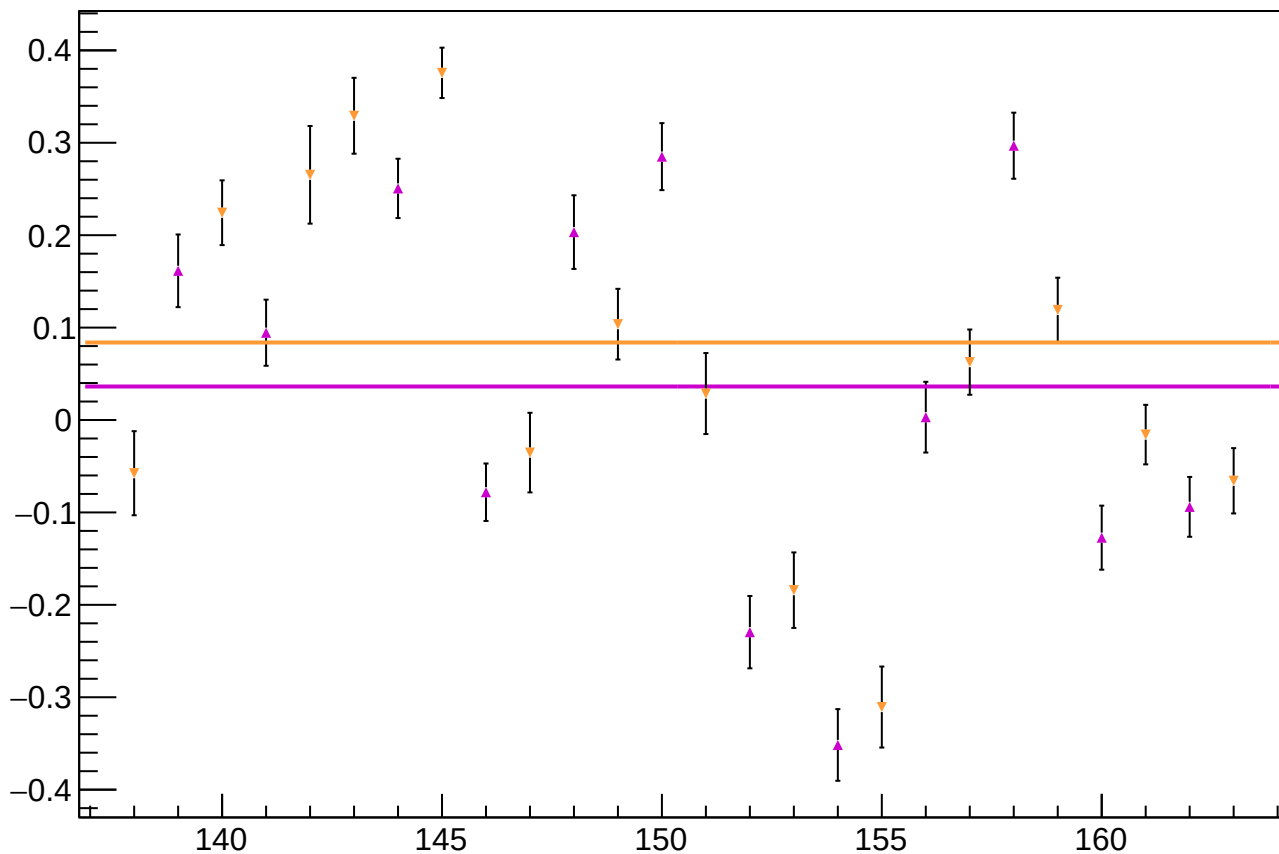
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 63.028 $\pm$ 0.210 χ^2 /NDF:818.0/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 61.918 $\pm$ 0.215 χ^2 /NDF:589.7/11

Left: 62.485 $\pm$ 0.150 χ^2 /NDF: 1421.2/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 61.918 $\pm$ 0.215 χ^2 /NDF:589.7/11
 Out: 63.028 $\pm$ 0.210 χ^2 /NDF:818.0/13
 All: 62.485 $\pm$ 0.150 χ^2 /NDF: 1421.2/25

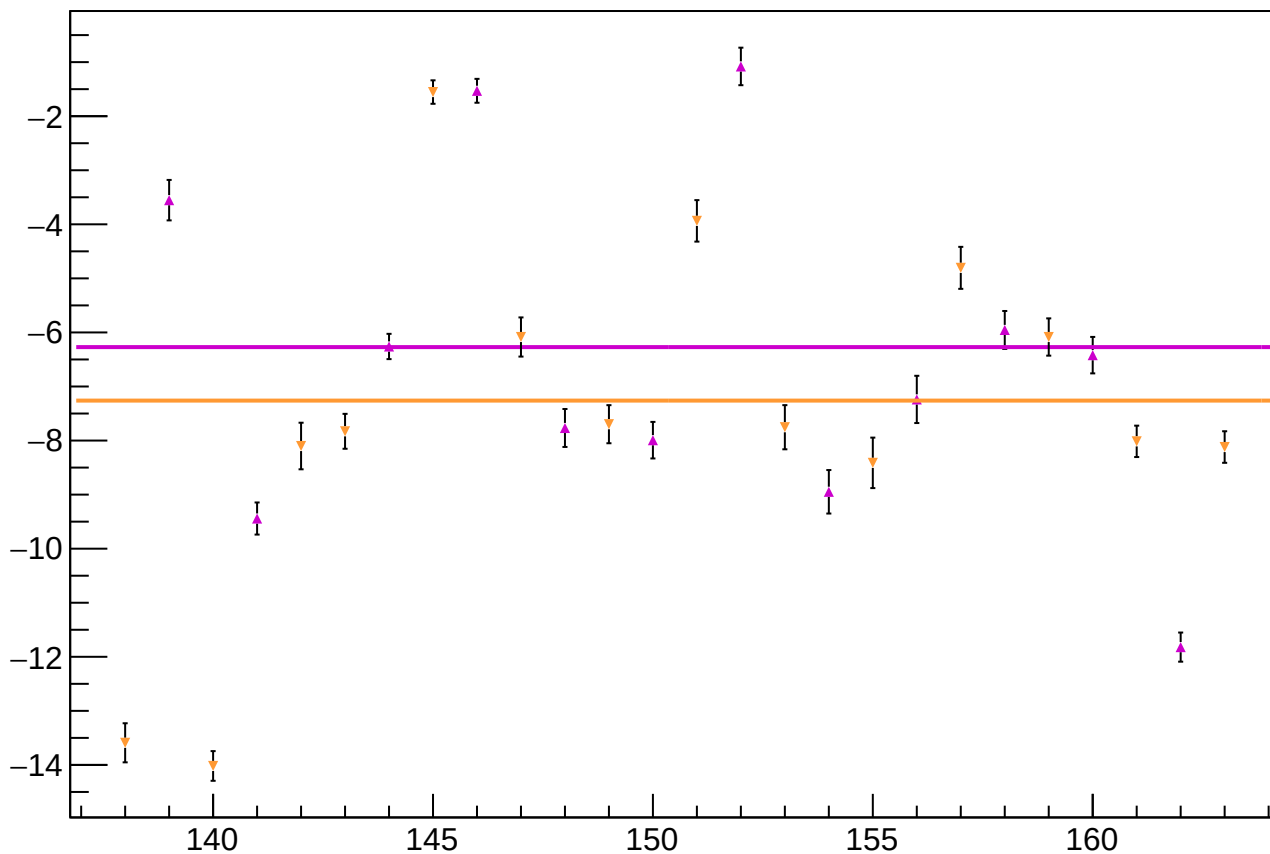
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.084 $\pm$ 0.010 χ^2 /NDF:350.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.036 $\pm$ 0.010 χ^2 /NDF:374.0/11

Left: 0.061 $\pm$ 0.007 χ^2 /NDF: 735.2/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.036 $\pm$ 0.010 χ^2 /NDF:374.0/11
 Out: 0.084 $\pm$ 0.010 χ^2 /NDF:350.3/13
 All: 0.061 $\pm$ 0.007 χ^2 /NDF: 735.2/25

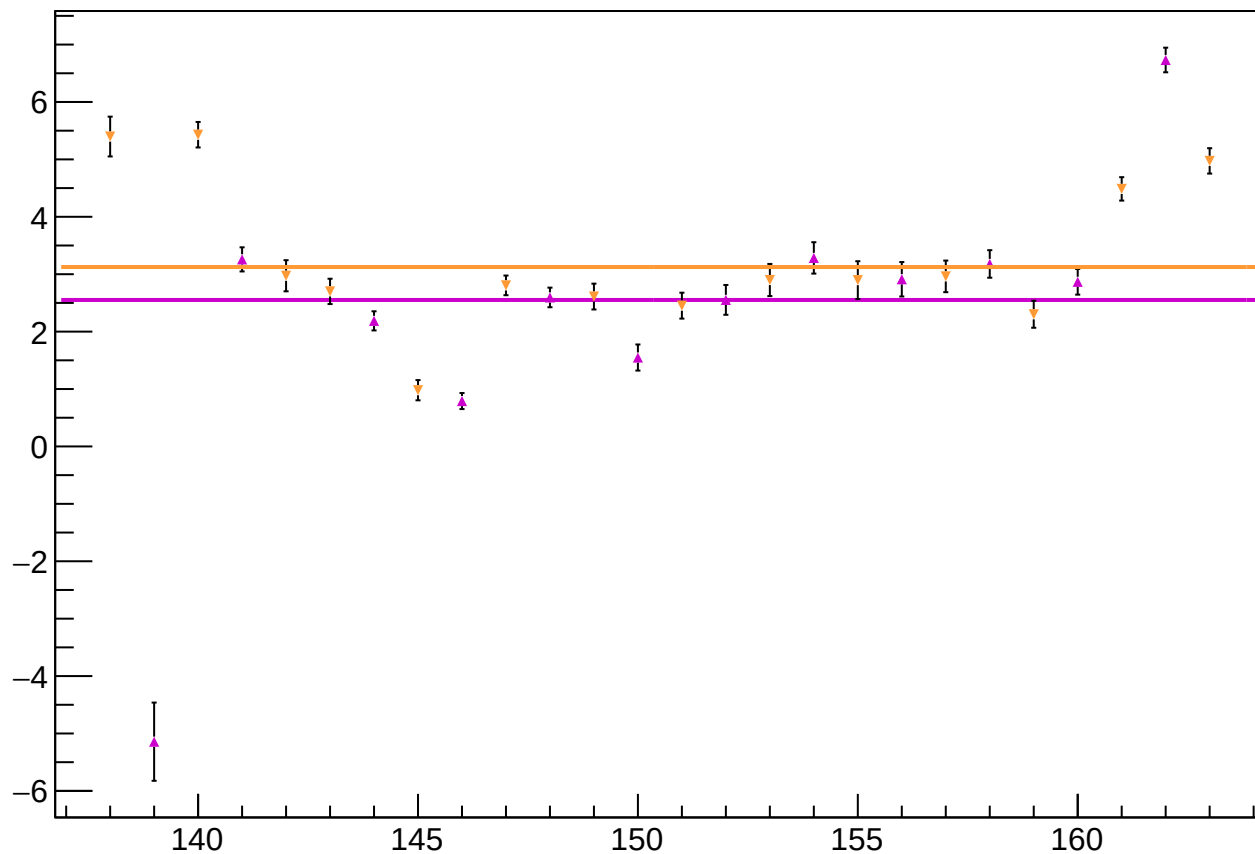
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.261+/-0.088 χ^2/NDF :1772.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.271+/-0.090 χ^2/NDF :1369.6/11

Left: -6.774+/-0.063 χ^2/NDF : 3204.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.271+/-0.090 χ^2/NDF :1369.6/11
 Out: -7.261+/-0.088 χ^2/NDF :1772.4/13
 All: -6.774+/-0.063 χ^2/NDF : 3204.0/25

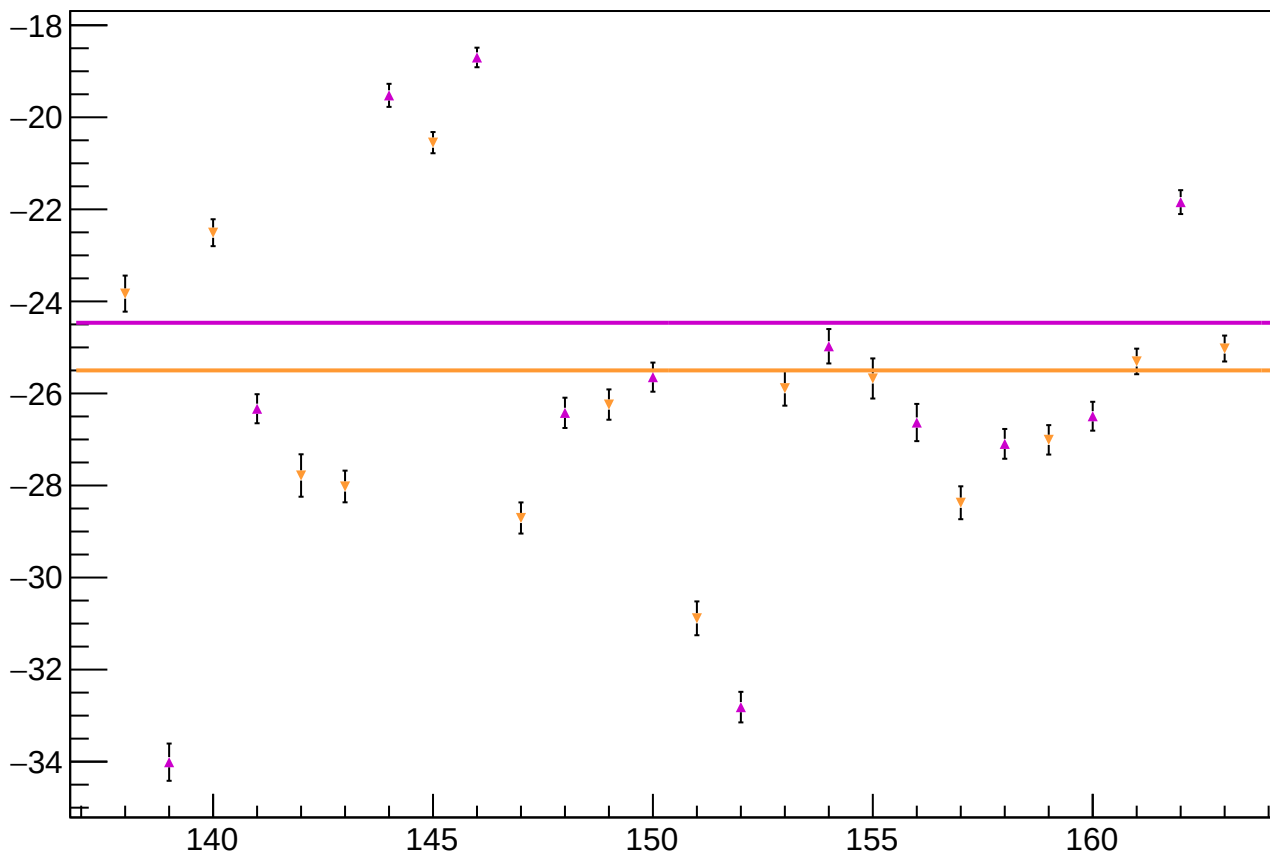
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.125+/-0.061 χ^2/NDF : 448.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.551+/-0.062 χ^2/NDF : 719.6/11

Left: 2.839+/-0.043 χ^2/NDF : 1211.6/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.551+/-0.062 χ^2/NDF : 719.6/11
 Out: 3.125+/-0.061 χ^2/NDF : 448.4/13
 All: 2.839+/-0.043 χ^2/NDF : 1211.6/25

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.499+/-0.087 χ^2/NDF :1063.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.465+/-0.088 χ^2/NDF :2639.0/11

Left: -24.983+/-0.062 χ^2/NDF : 3772.7/25

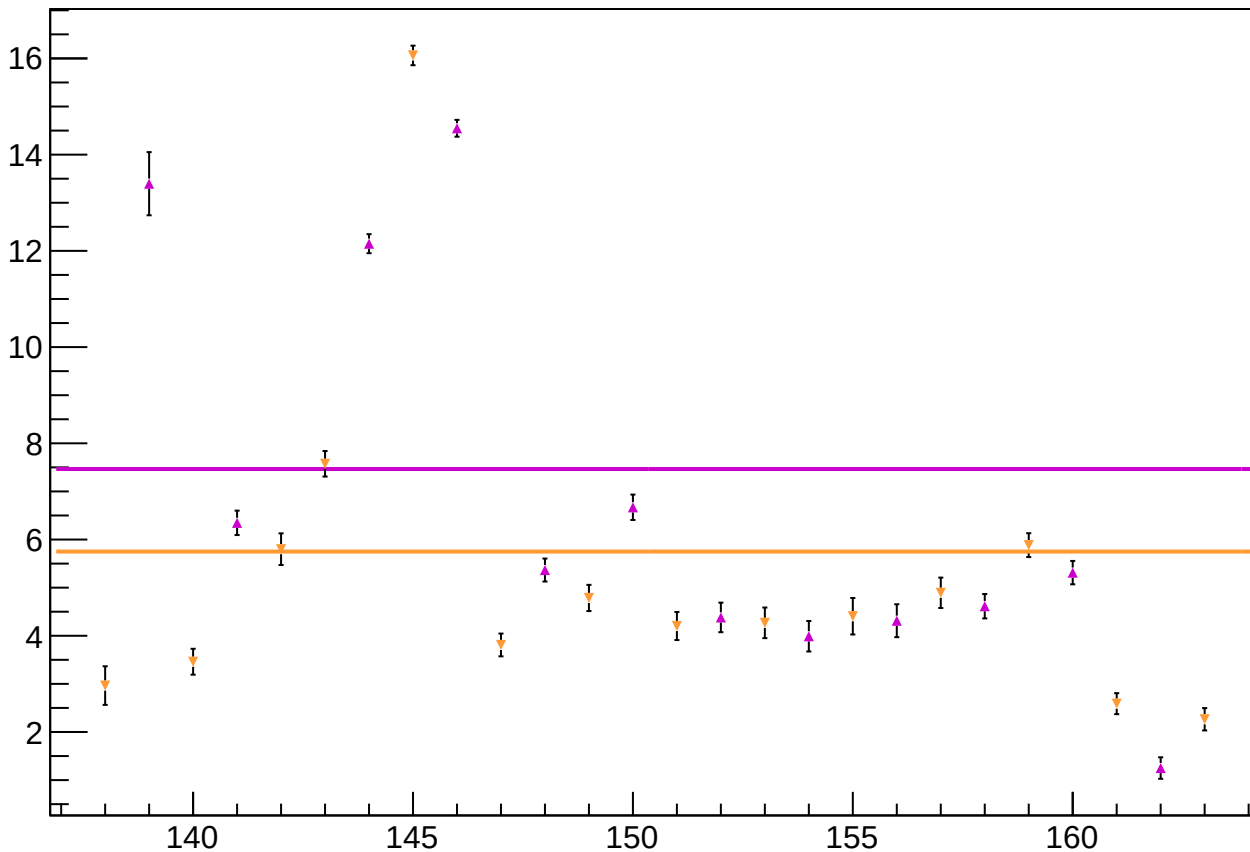
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.465+/-0.088 χ^2/NDF :2639.0/11

Out: -25.499+/-0.087 χ^2/NDF :1063.8/13

All: -24.983+/-0.062 χ^2/NDF : 3772.7/25

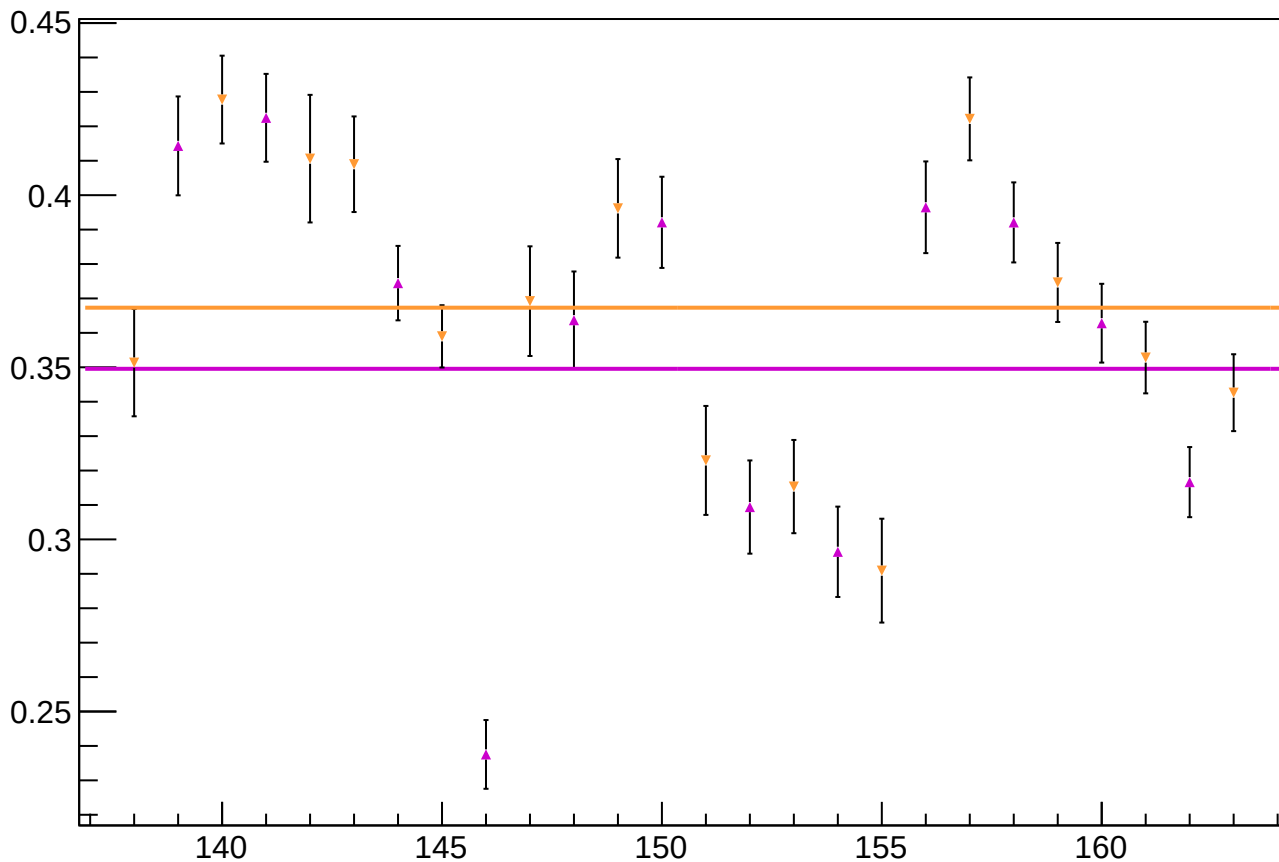
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.750+/-0.072 χ^2/NDF :3327.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.466+/-0.073 χ^2/NDF :3673.3/11

Left: 6.600+/-0.051 χ^2/NDF : 7282.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.466+/-0.073 χ^2/NDF :3673.3/11
 Out: 5.750+/-0.072 χ^2/NDF :3327.2/13
 All: 6.600+/-0.051 χ^2/NDF : 7282.4/25

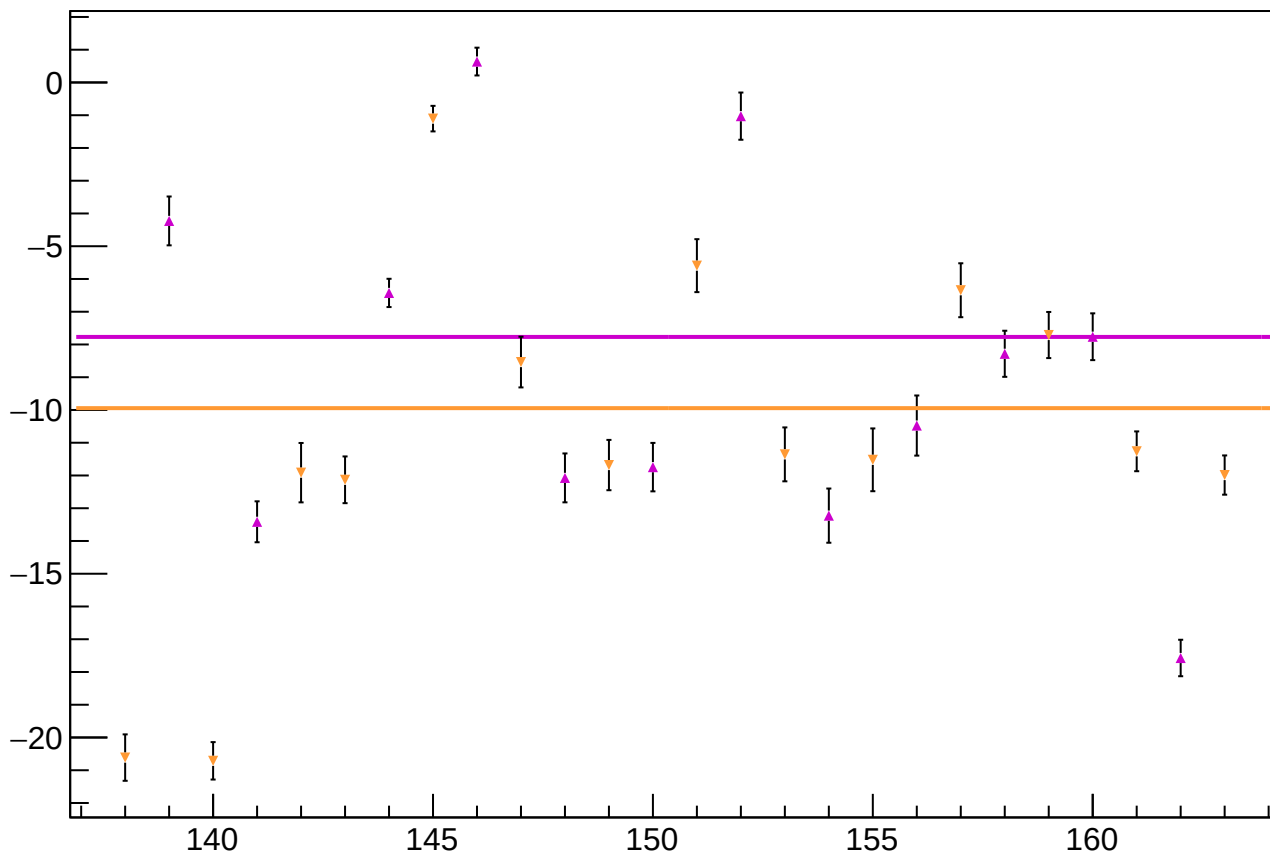
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.367+/-0.003 χ^2/NDF :119.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.350+/-0.003 χ^2/NDF :258.2/11

Left: 0.359+/-0.002 χ^2/NDF : 390.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.350+/-0.003 χ^2/NDF :258.2/11
 Out: 0.367+/-0.003 χ^2/NDF :119.1/13
 All: 0.359+/-0.002 χ^2/NDF : 390.4/25

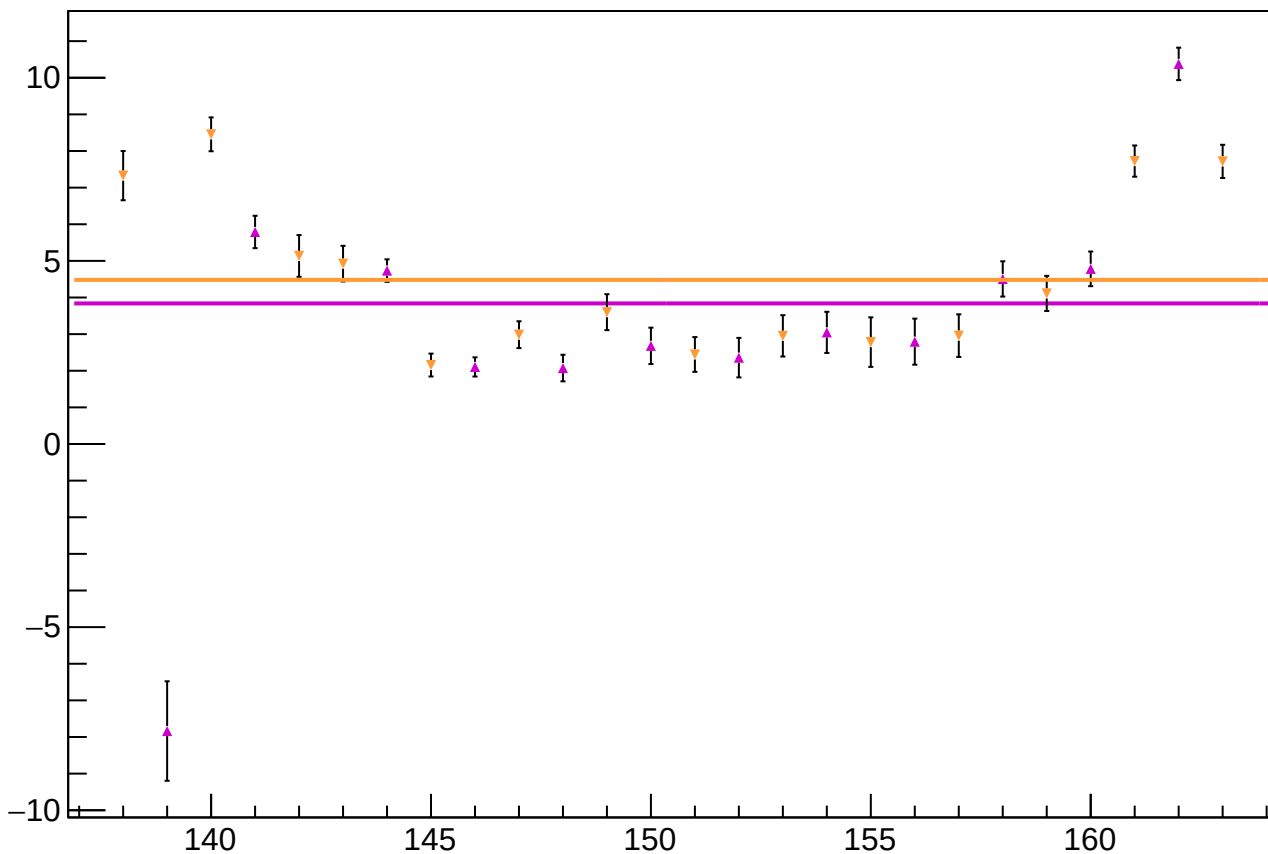
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.944+/-0.179 χ^2/NDF :1198.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.769+/-0.181 χ^2/NDF :1019.0/11

Left: -8.867+/-0.127 χ^2/NDF : 2290.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.769+/-0.181 χ^2/NDF :1019.0/11
 Out: -9.944+/-0.179 χ^2/NDF :1198.1/13
 All: -8.867+/-0.127 χ^2/NDF : 2290.4/25

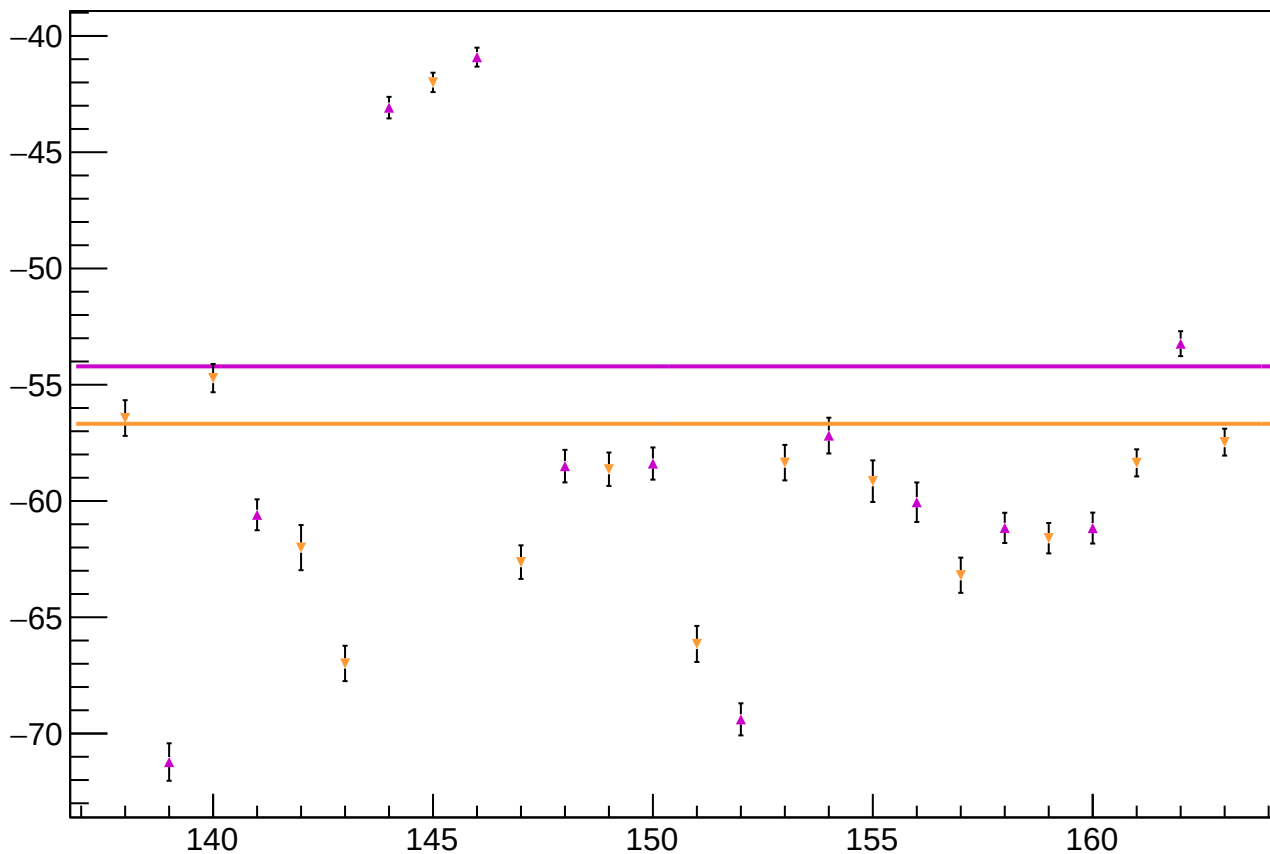
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.482 $\pm$ 0.125 χ^2 /NDF:317.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.838 $\pm$ 0.124 χ^2 /NDF:410.7/11

Left: 4.155 $\pm$ 0.088 χ^2 /NDF: 741.9/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.838 $\pm$ 0.124 χ^2 /NDF:410.7/11
 Out: 4.482 $\pm$ 0.125 χ^2 /NDF:317.8/13
 All: 4.155 $\pm$ 0.088 χ^2 /NDF: 741.9/25

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: -56.679+/-0.178 χ^2/NDF :1848.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Left: -55.436+/-0.126 χ^2/NDF : 4973.5/25

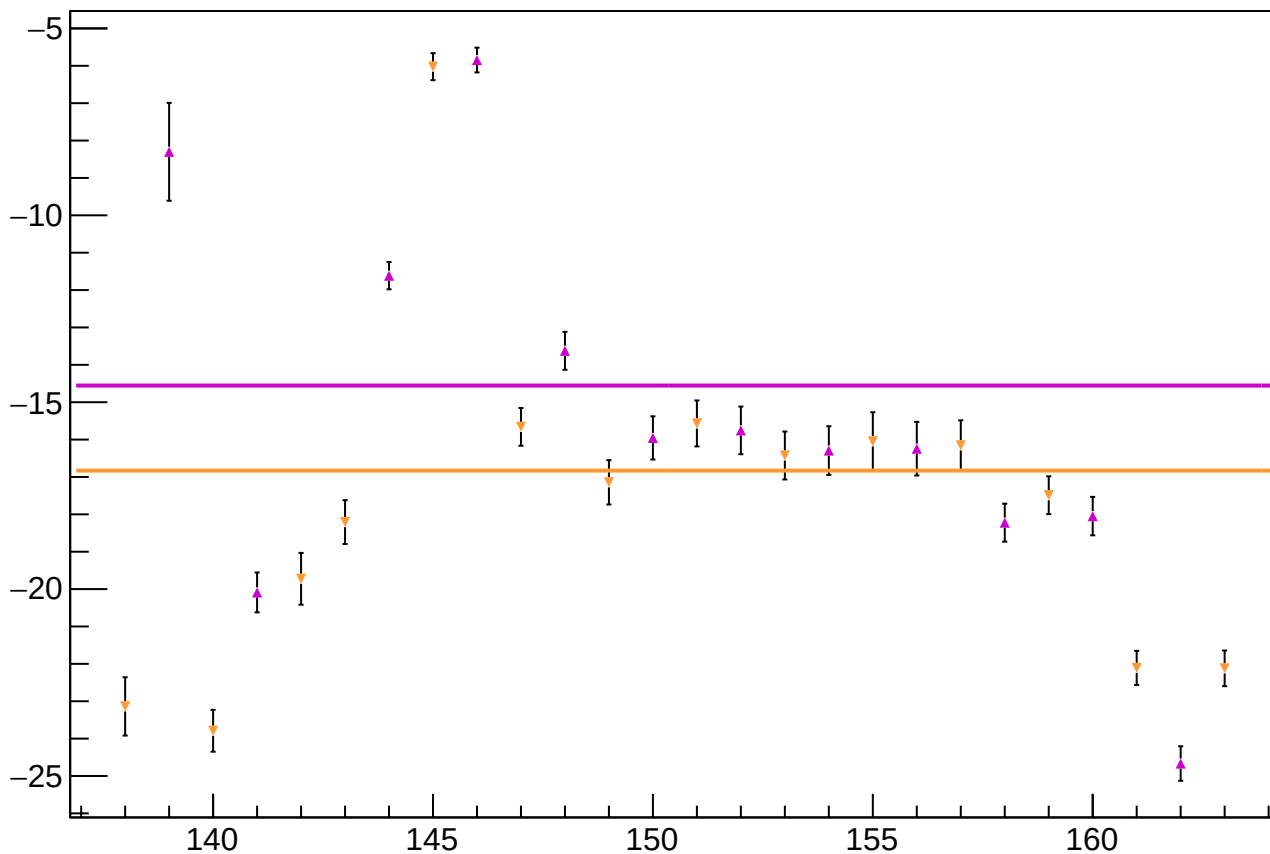
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.210+/-0.177 χ^2/NDF :3028.5/11

Out: -56.679+/-0.178 χ^2/NDF :1848.4/13

All: -55.436+/-0.126 χ^2/NDF : 4973.5/25

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



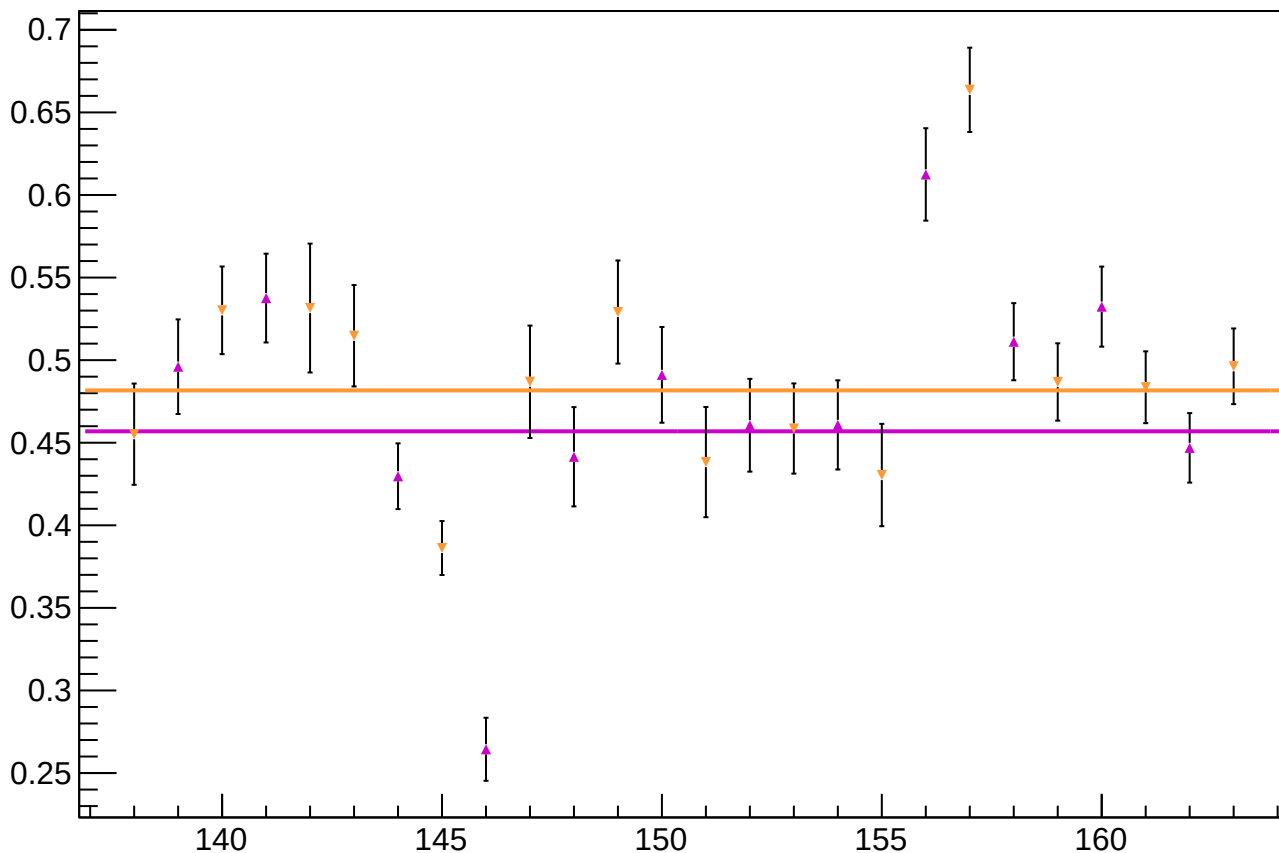
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -16.830 ± 0.147 $\chi^2/\text{NDF}: 1410.8/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.555 ± 0.146 $\chi^2/\text{NDF}: 1489.9/11$

Left: -15.688 ± 0.104 $\chi^2/\text{NDF}: 3021.1/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.555 ± 0.146 $\chi^2/\text{NDF}: 1489.9/11$
 Out: -16.830 ± 0.147 $\chi^2/\text{NDF}: 1410.8/13$

All: -15.688 ± 0.104 $\chi^2/\text{NDF}: 3021.1/25$

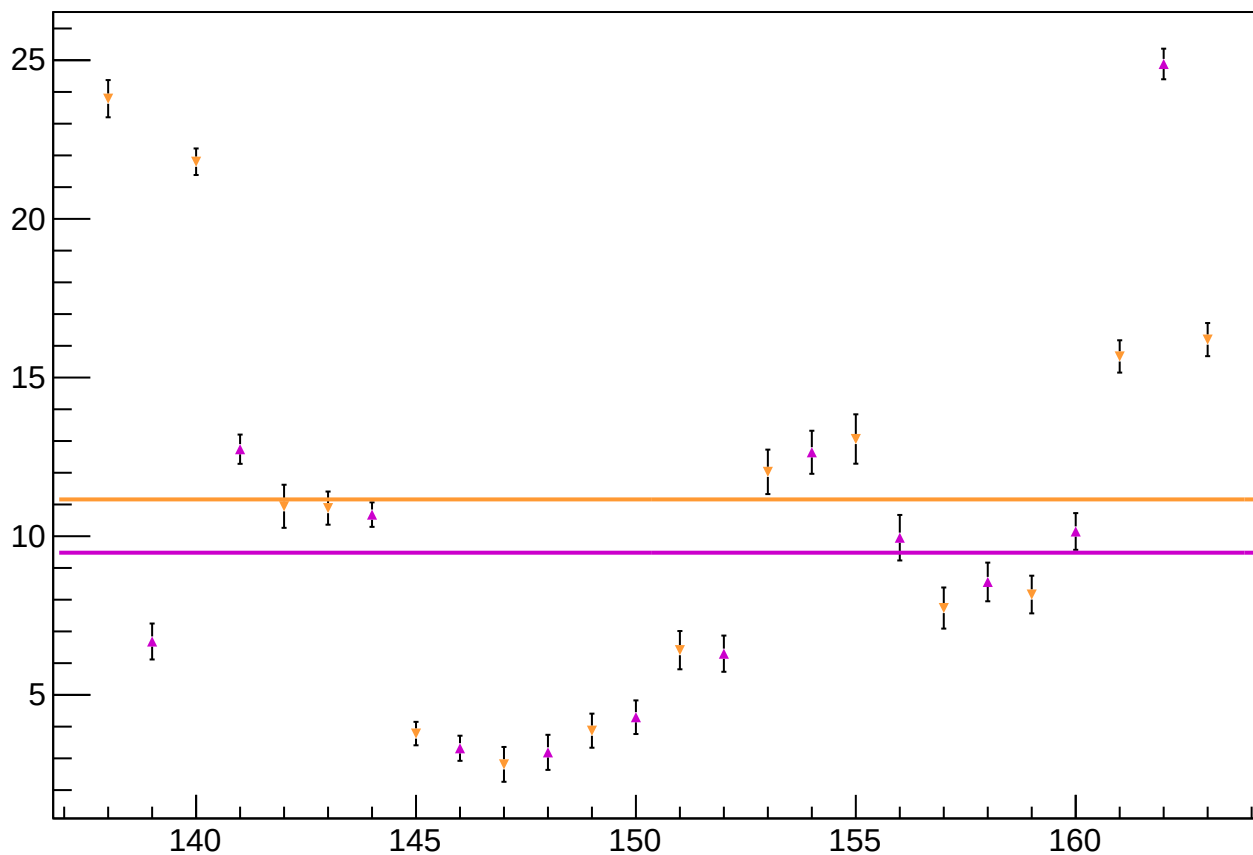
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.482 $\pm$ 0.007 χ^2/NDF :99.8/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.457 $\pm$ 0.007 χ^2/NDF :162.4/11

Left: 0.469 $\pm$ 0.005 χ^2/NDF : 268.5/25
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.457 $\pm$ 0.007 χ^2/NDF :162.4/11
 Out: 0.482 $\pm$ 0.007 χ^2/NDF :99.8/13
 All: 0.469 $\pm$ 0.005 χ^2/NDF : 268.5/25

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: 11.160+/-0.145 χ^2/NDF :2219.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.481+/-0.149 χ^2/NDF :1628.9/11

Left: 10.346+/-0.104 χ^2/NDF : 3913.7/25

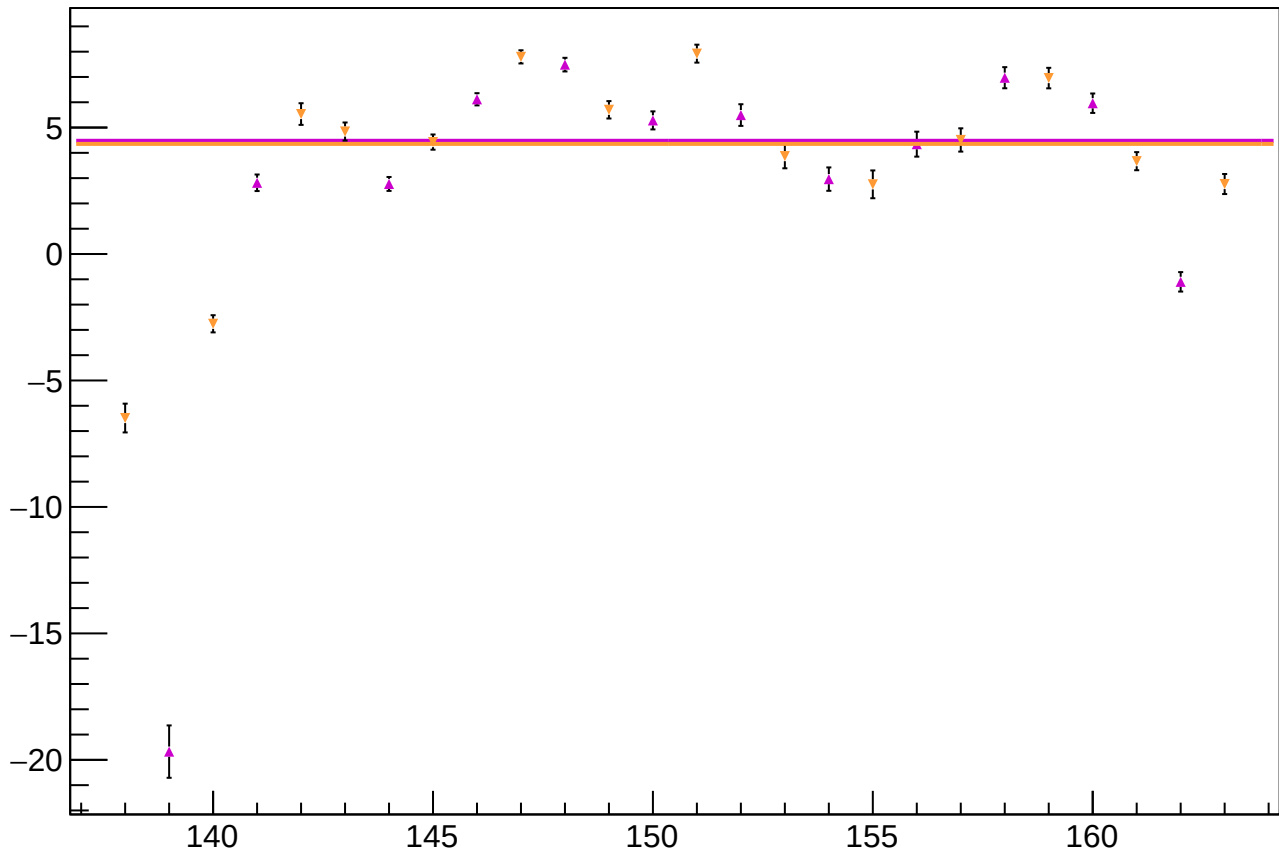
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.481+/-0.149 χ^2/NDF :1628.9/11

Out: 11.160+/-0.145 χ^2/NDF :2219.5/13

All: 10.346+/-0.104 χ^2/NDF : 3913.7/25

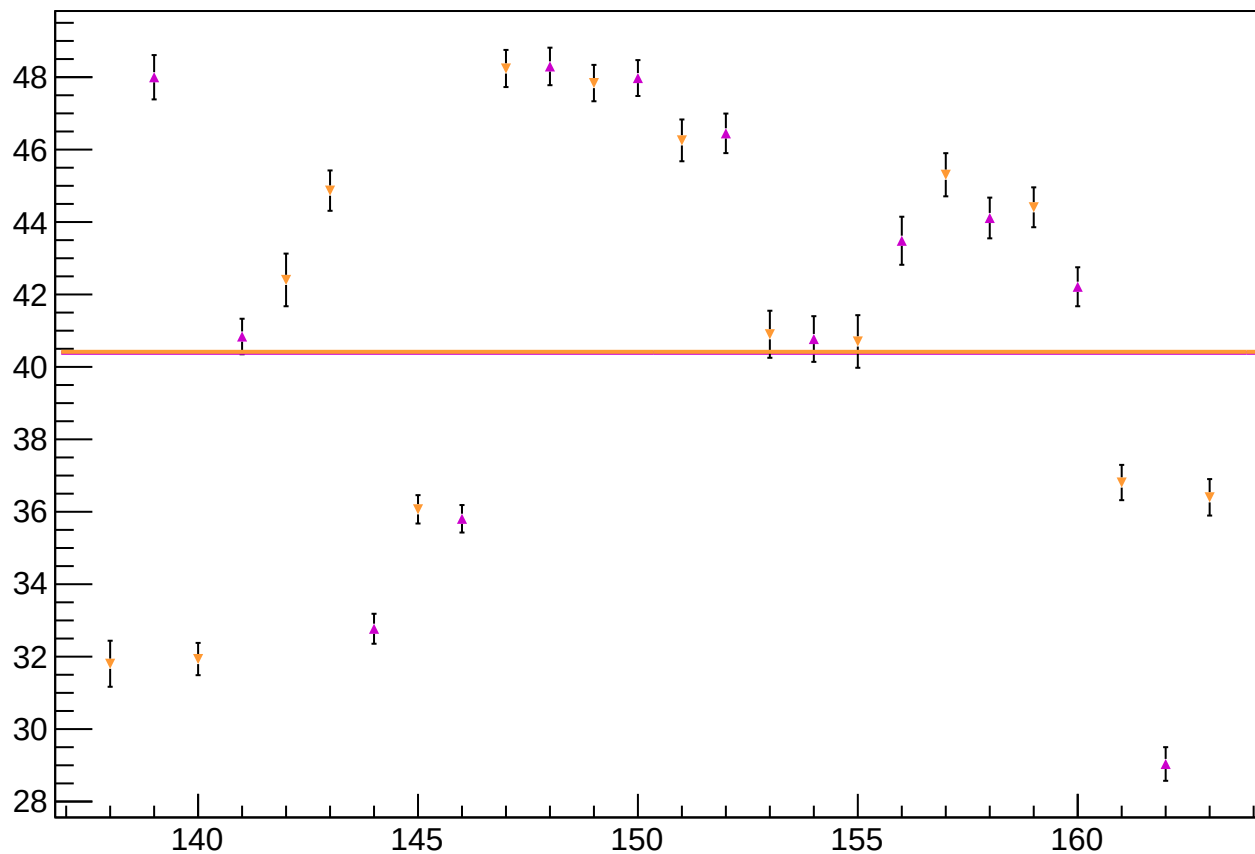
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.354+/-0.100 χ^2/NDF :1172.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.476+/-0.102 χ^2/NDF :1062.0/11

Left: 4.414+/-0.071 χ^2/NDF : 2234.7/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.476+/-0.102 χ^2/NDF :1062.0/11
 Out: 4.354+/-0.100 χ^2/NDF :1172.0/13
 All: 4.414+/-0.071 χ^2/NDF : 2234.7/25

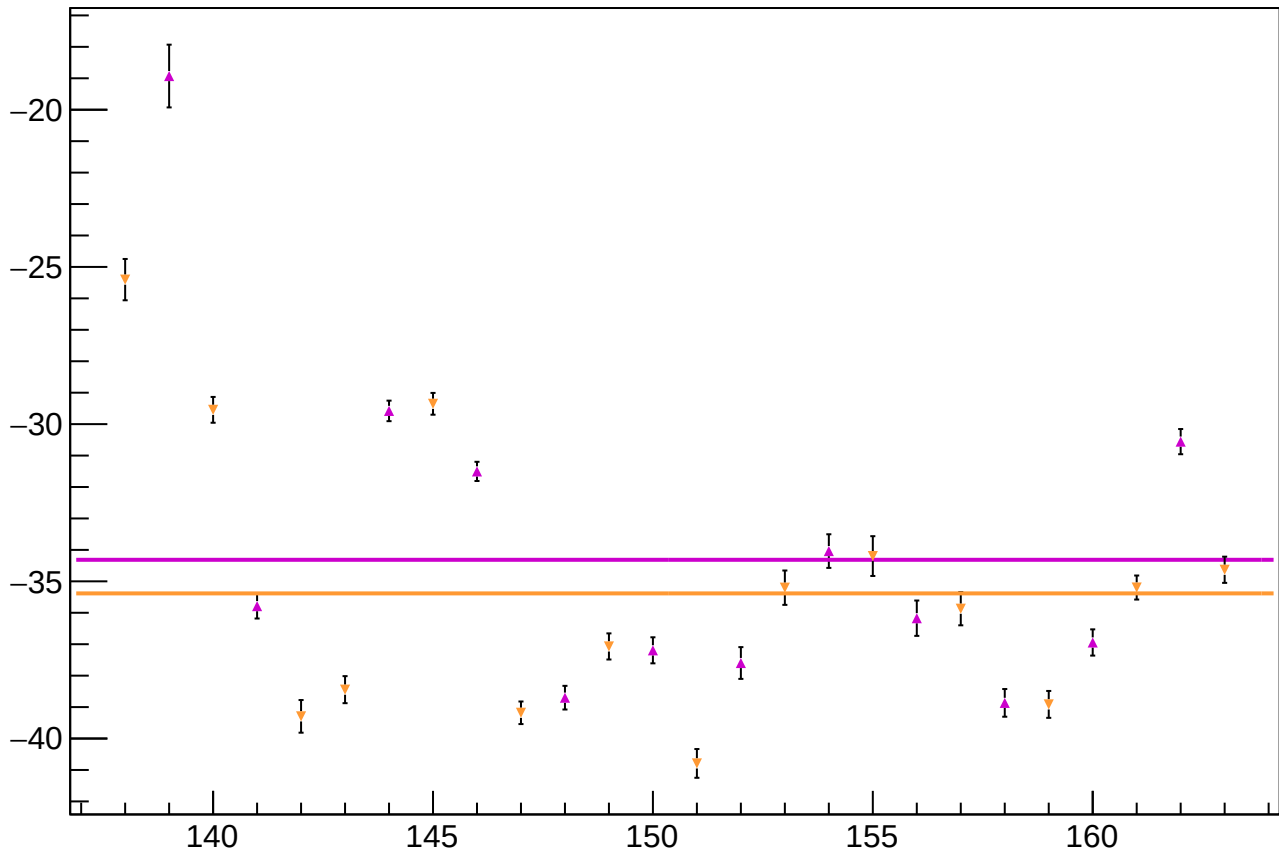
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.417+/-0.144 χ^2/NDF :1533.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.389+/-0.146 χ^2/NDF :1905.8/11

Left: 40.403+/-0.102 χ^2/NDF : 3439.1/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.389+/-0.146 χ^2/NDF :1905.8/11
 Out: 40.417+/-0.144 χ^2/NDF :1533.3/13
 All: 40.403+/-0.102 χ^2/NDF : 3439.1/25

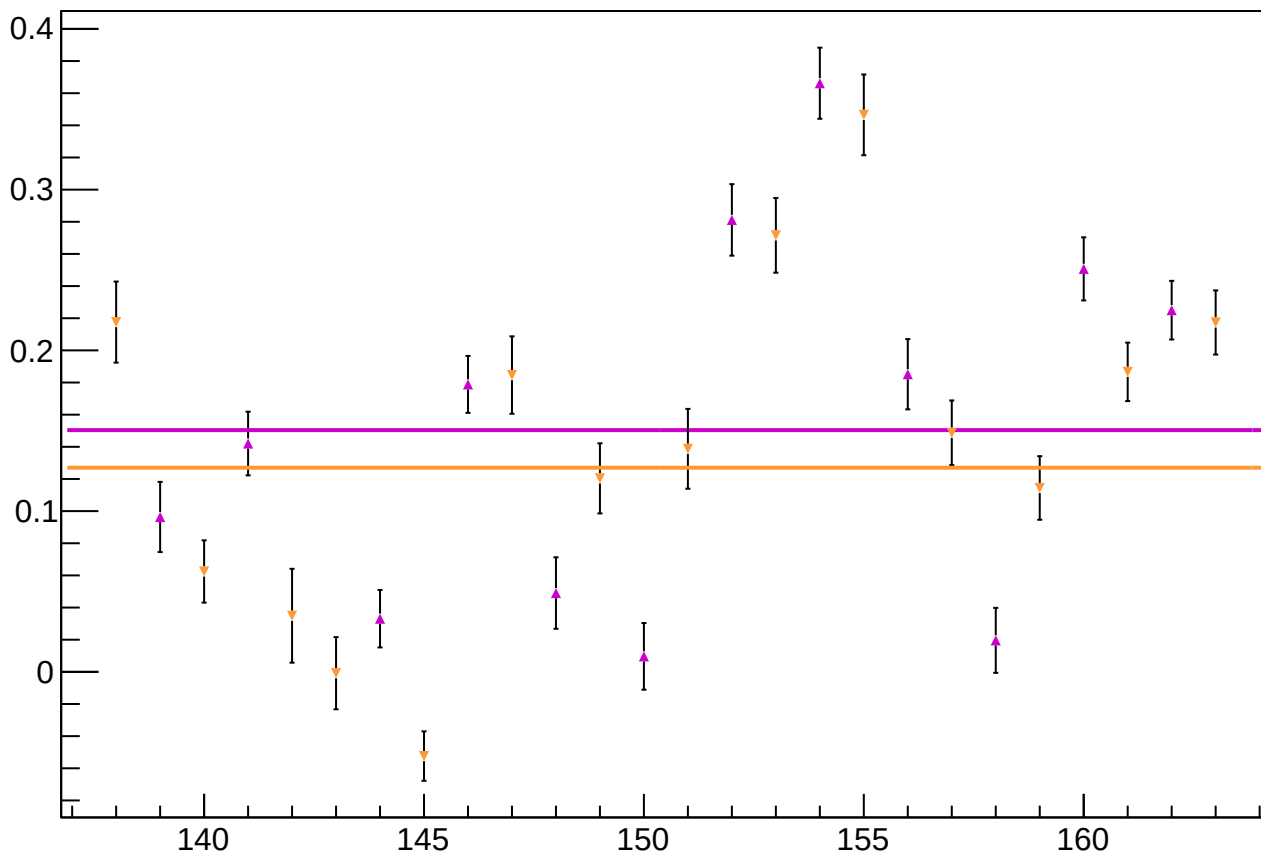
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.384+/-0.118 χ^2/NDF : 1187.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.315+/-0.121 χ^2/NDF : 1019.0/11

Left: -34.862+/-0.085 χ^2/NDF : 2246.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -34.315+/-0.121 χ^2/NDF : 1019.0/11
 Out: -35.384+/-0.118 χ^2/NDF : 1187.4/13
 All: -34.862+/-0.085 χ^2/NDF : 2246.2/25

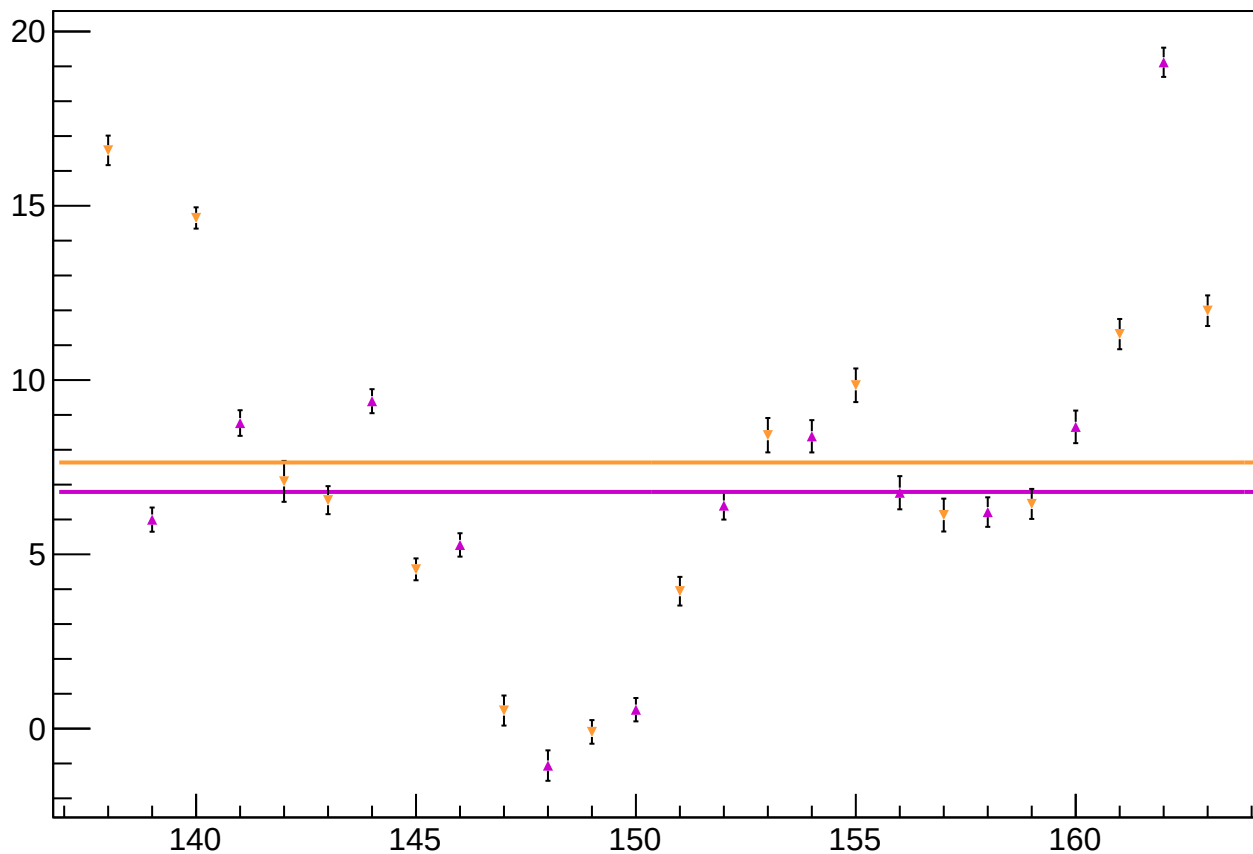
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.127+/-0.006 χ^2/NDF :356.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.150+/-0.006 χ^2/NDF :335.8/11

Left: 0.138+/-0.004 χ^2/NDF : 700.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.150+/-0.006 χ^2/NDF :335.8/11
 Out: 0.127+/-0.006 χ^2/NDF :356.4/13
 All: 0.138+/-0.004 χ^2/NDF : 700.5/25

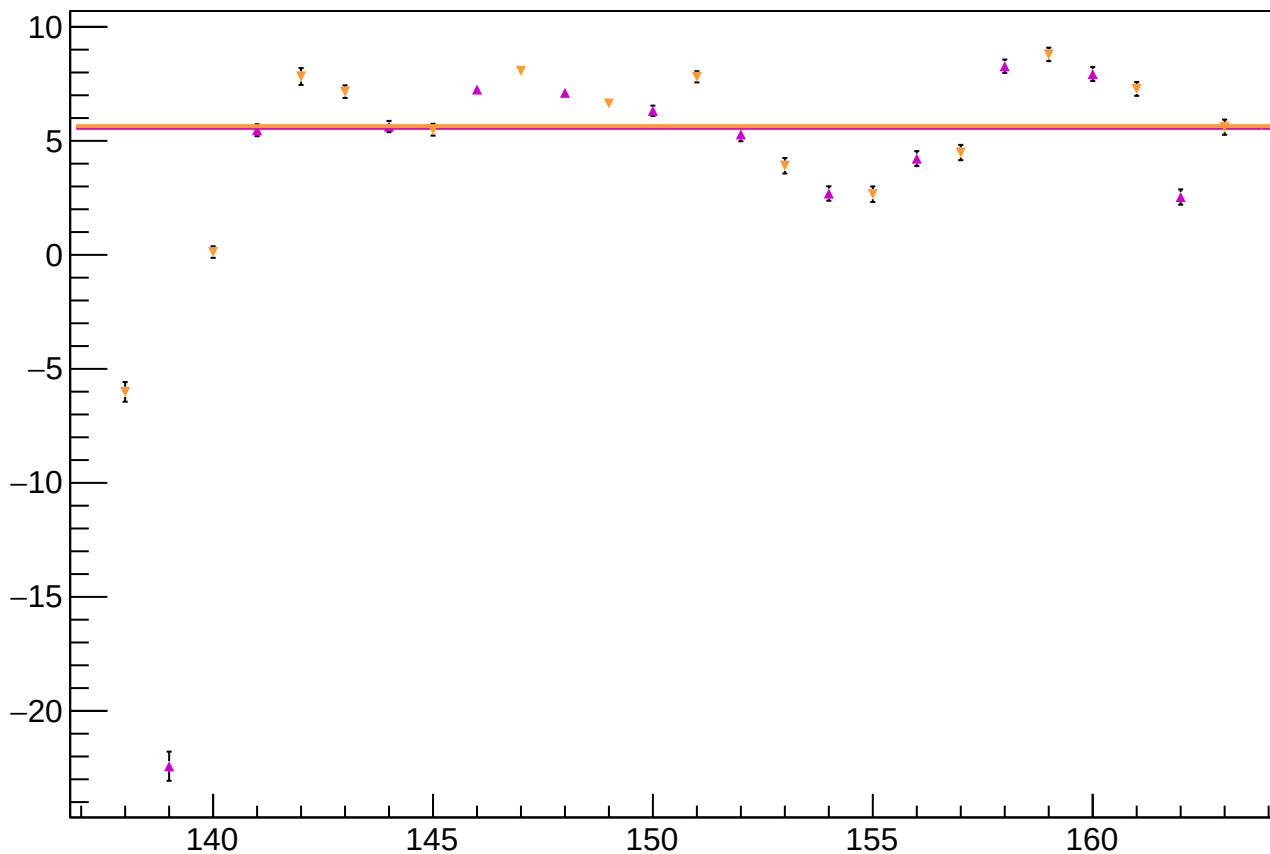
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.636+/-0.109 χ^2/NDF :2162.7/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.790+/-0.113 χ^2/NDF :1677.3/11

Left: 7.229+/-0.078 χ^2/NDF : 3869.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.790+/-0.113 χ^2/NDF :1677.3/11
 Out: 7.636+/-0.109 χ^2/NDF :2162.7/13
 All: 7.229+/-0.078 χ^2/NDF : 3869.0/25

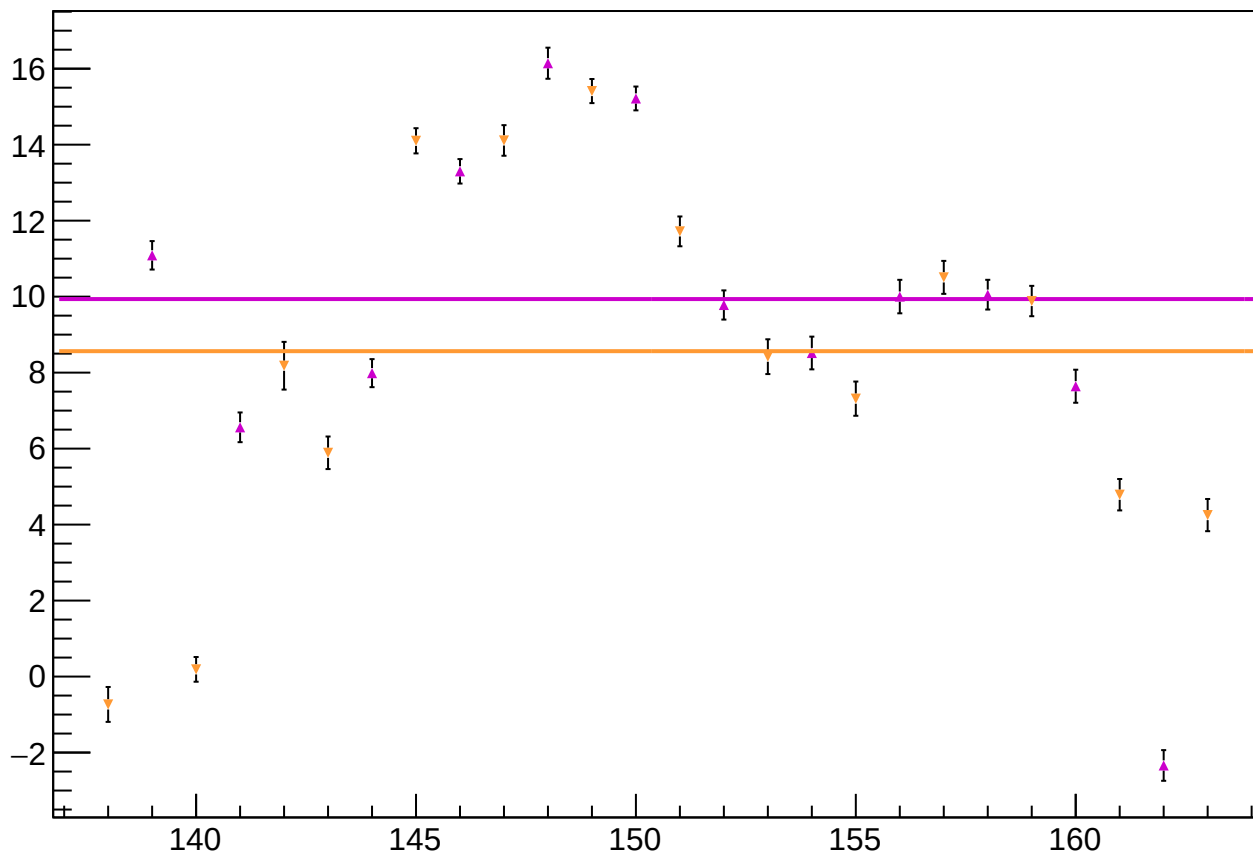
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.646 $\pm$ 0.076 χ^2 /NDF:1764.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.573 $\pm$ 0.080 χ^2 /NDF:2370.1/11

Left: 5.611 $\pm$ 0.055 χ^2 /NDF: 4134.8/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.573 $\pm$ 0.080 χ^2 /NDF:2370.1/11
 Out: 5.646 $\pm$ 0.076 χ^2 /NDF:1764.3/13
 All: 5.611 $\pm$ 0.055 χ^2 /NDF: 4134.8/25

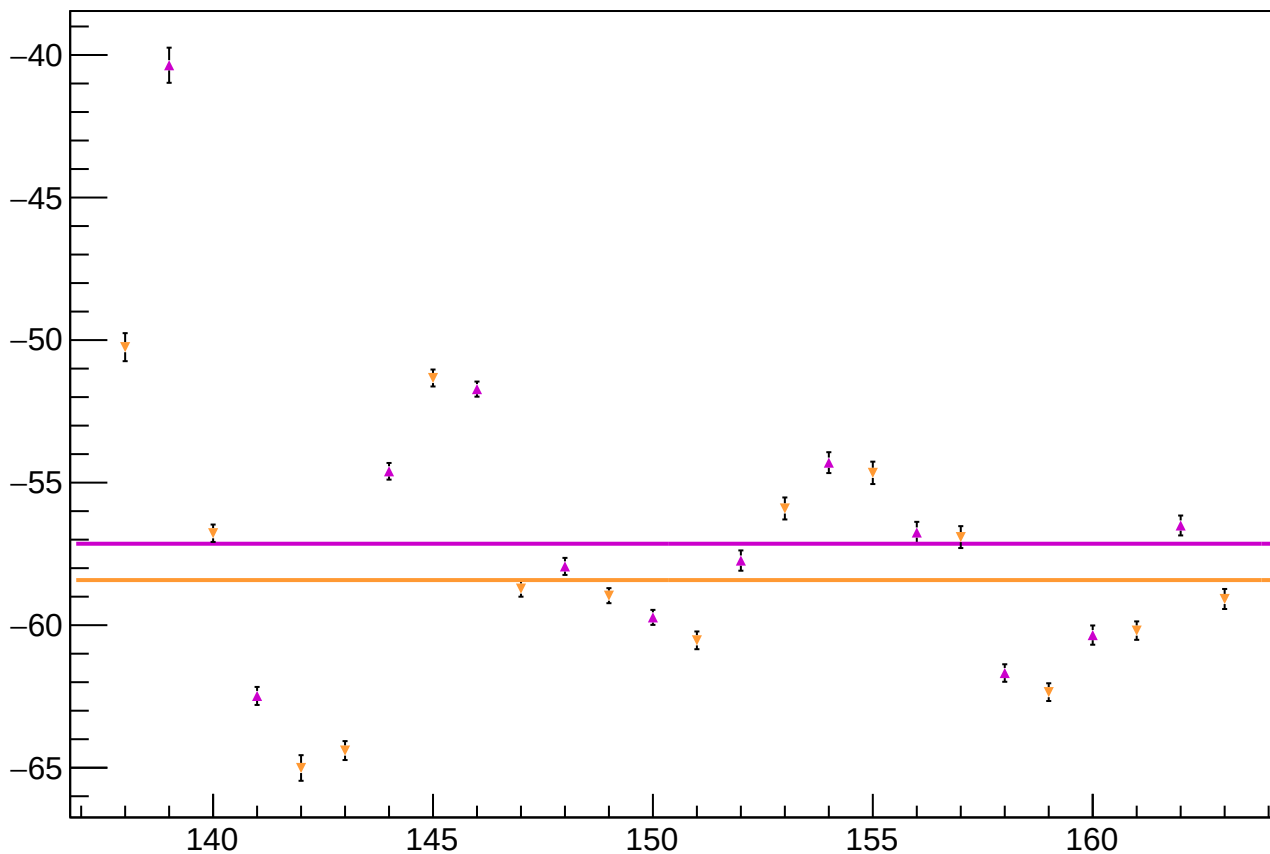
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.565+/-0.107 χ^2/NDF :2336.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.936+/-0.110 χ^2/NDF :1698.0/11

Left: 9.232+/-0.077 χ^2/NDF : 4114.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.936+/-0.110 χ^2/NDF :1698.0/11
 Out: 8.565+/-0.107 χ^2/NDF :2336.8/13
 All: 9.232+/-0.077 χ^2/NDF : 4114.0/25

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



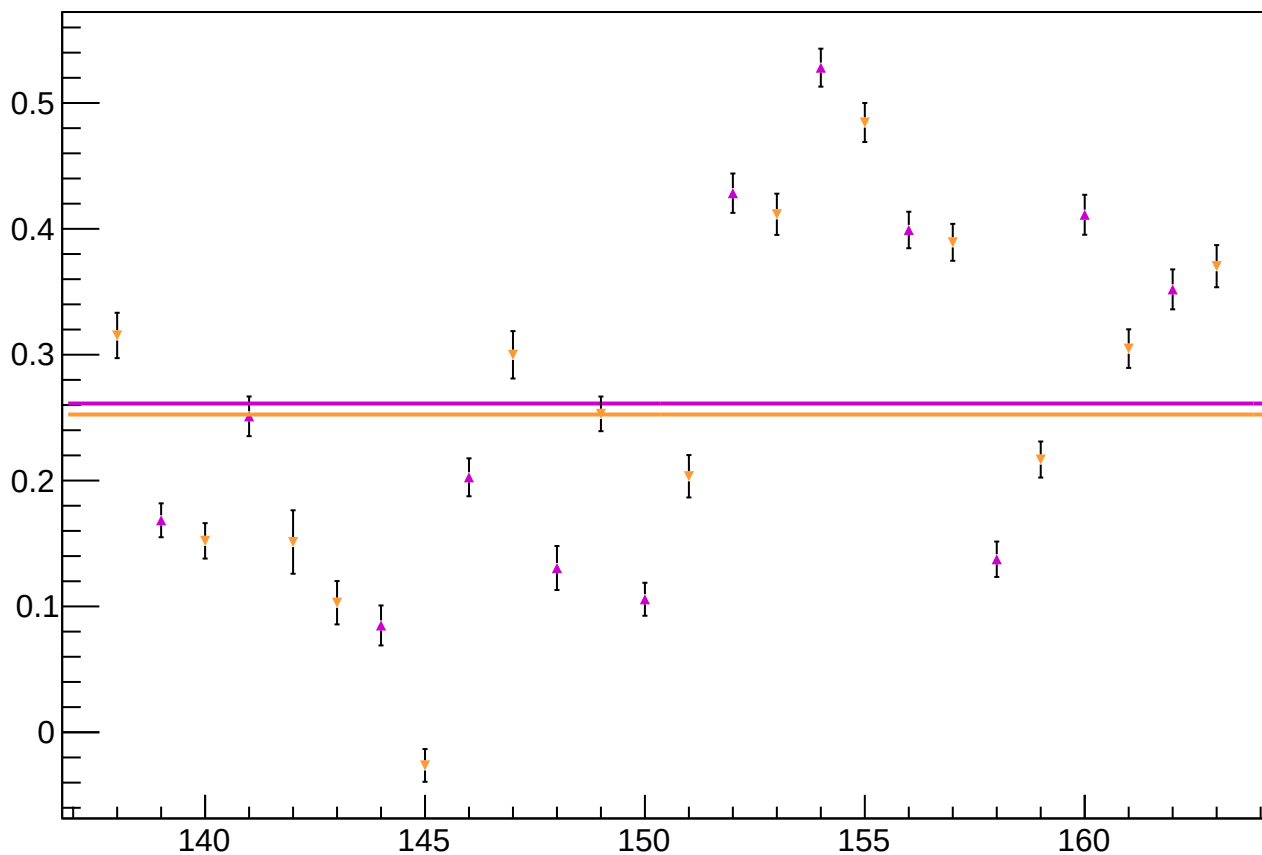
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -58.418 ± 0.089 $\chi^2/\text{NDF}: 1808.0/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -57.143 ± 0.094 $\chi^2/\text{NDF}: 2000.9/11$

Left: -57.810 ± 0.065 $\chi^2/\text{NDF}: 3906.1/25$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -57.143 ± 0.094 $\chi^2/\text{NDF}: 2000.9/11$
 Out: -58.418 ± 0.089 $\chi^2/\text{NDF}: 1808.0/13$

All: -57.810 ± 0.065 $\chi^2/\text{NDF}: 3906.1/25$

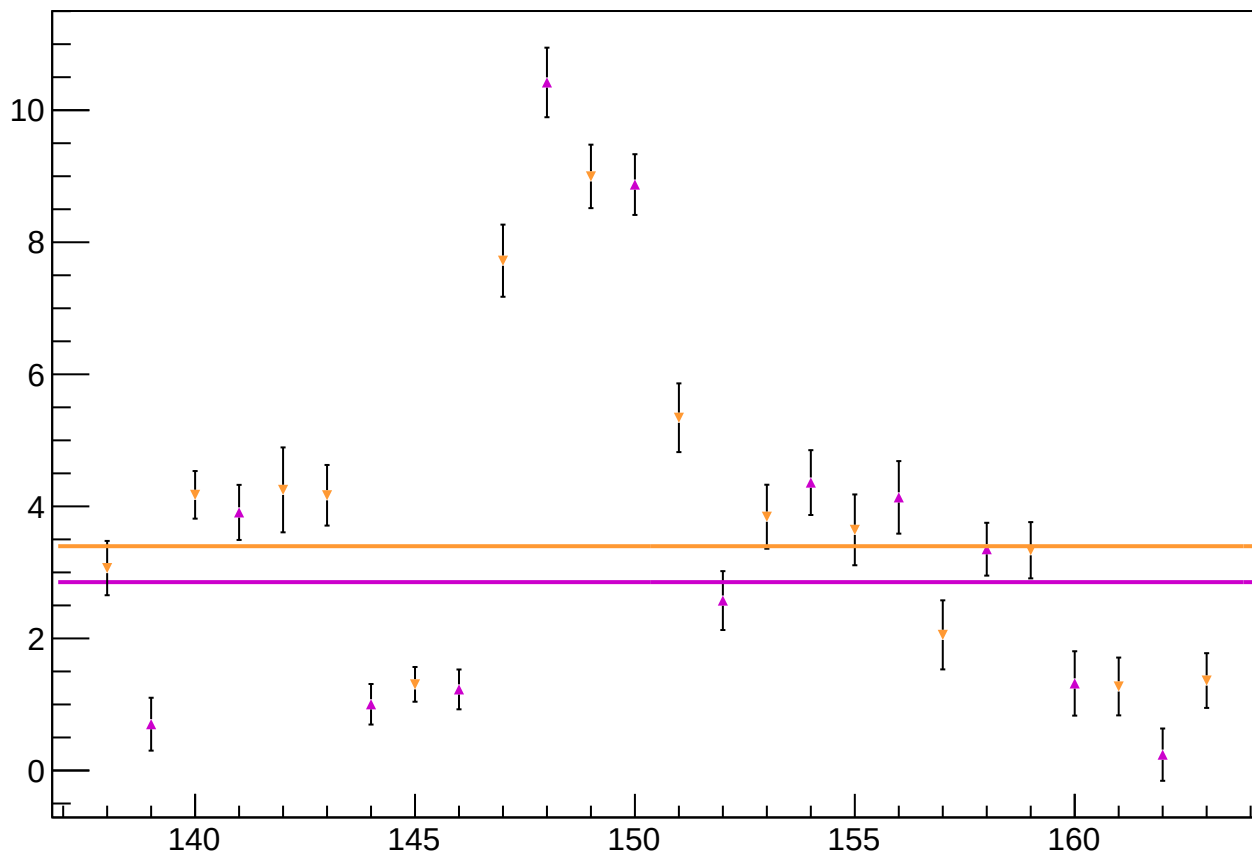
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.252+/-0.004 χ^2/NDF :1100.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.261+/-0.004 χ^2/NDF :1100.0/11

Left: 0.257+/-0.003 χ^2/NDF : 2203.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.261+/-0.004 χ^2/NDF :1100.0/11
 Out: 0.252+/-0.004 χ^2/NDF :1100.9/13
 All: 0.257+/-0.003 χ^2/NDF : 2203.0/25

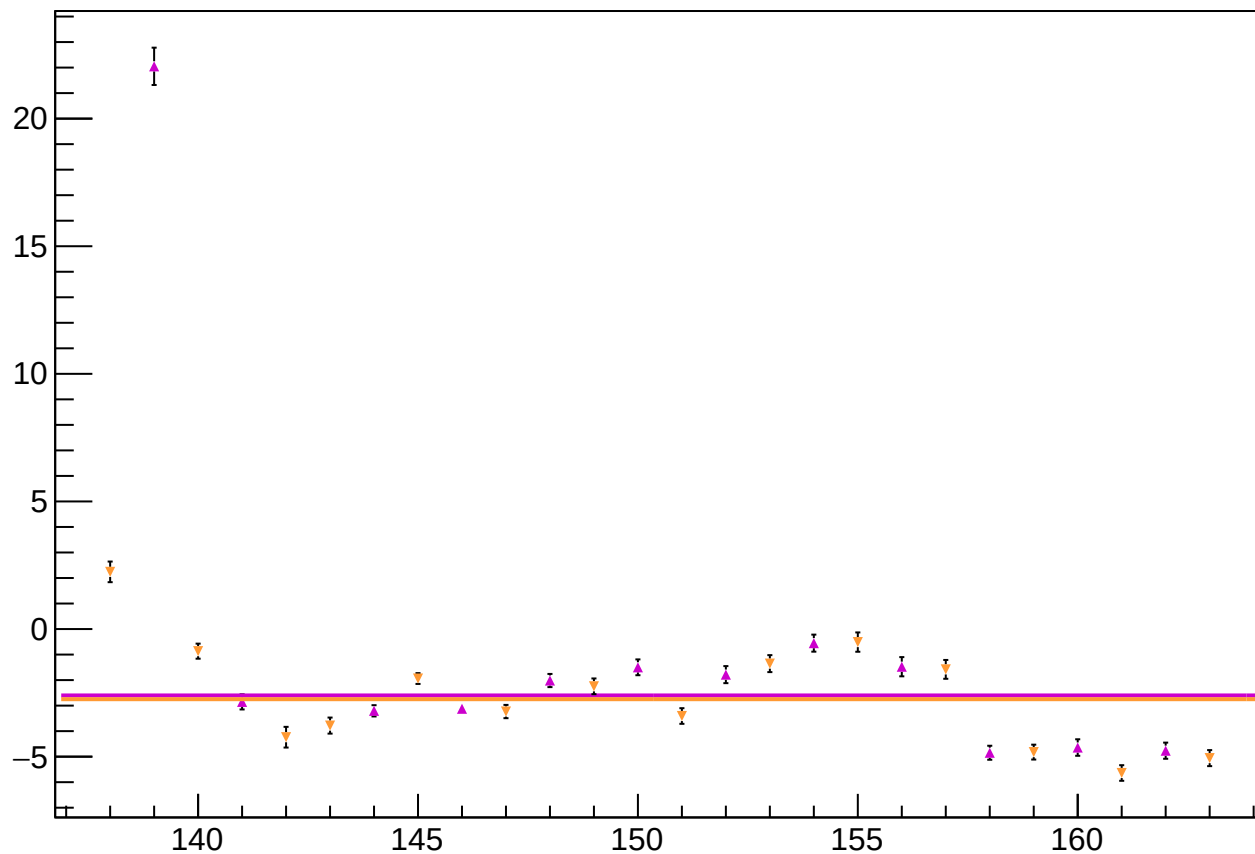
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.397+/-0.116 χ^2/NDF :340.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.853+/-0.118 χ^2/NDF :548.8/11

Left: 3.131+/-0.083 χ^2/NDF : 900.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.853+/-0.118 χ^2/NDF :548.8/11
 Out: 3.397+/-0.116 χ^2/NDF :340.9/13
 All: 3.131+/-0.083 χ^2/NDF : 900.4/25

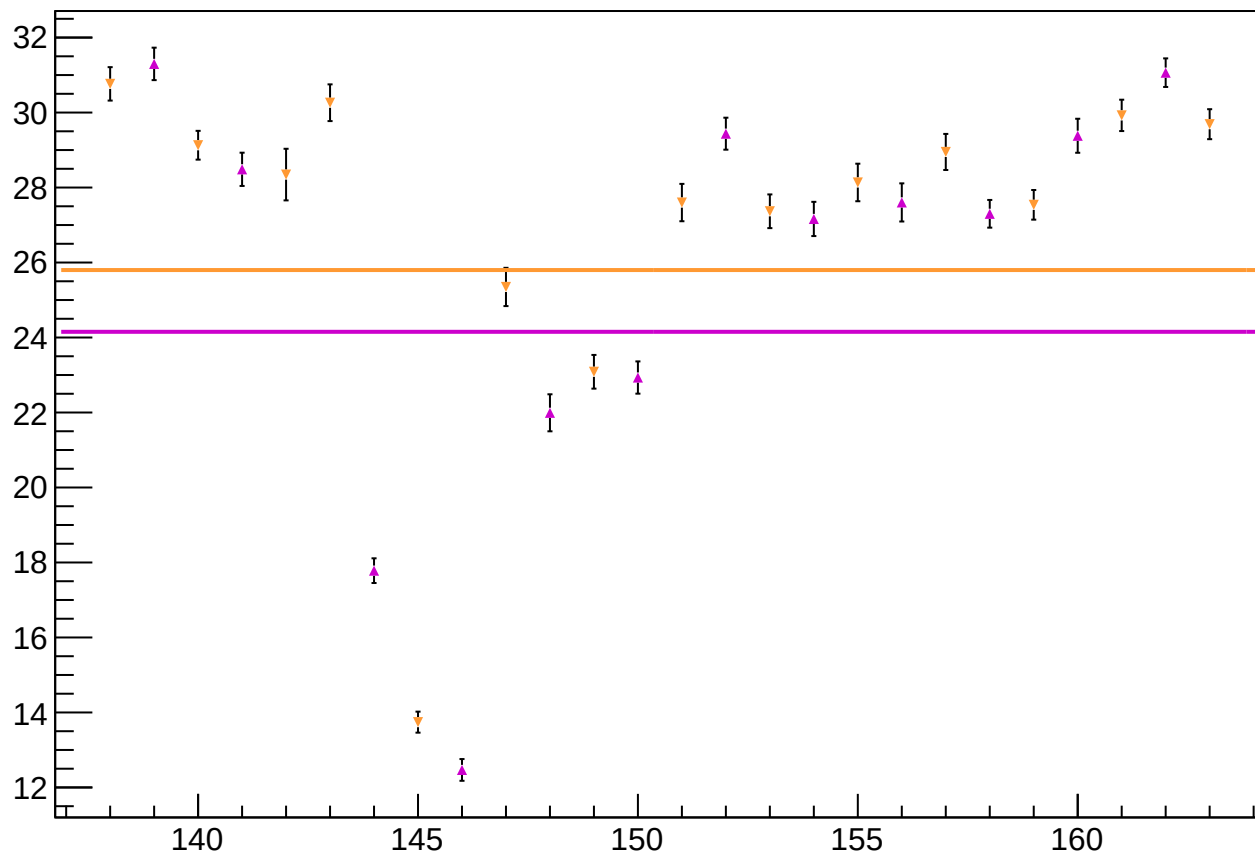
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.748 $\pm$ 0.082 χ^2 /NDF:499.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.602 $\pm$ 0.083 χ^2 /NDF:1376.4/11

Left: -2.676 $\pm$ 0.059 χ^2 /NDF: 1877.4/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.602 $\pm$ 0.083 χ^2 /NDF:1376.4/11
 Out: -2.748 $\pm$ 0.082 χ^2 /NDF:499.4/13
 All: -2.676 $\pm$ 0.059 χ^2 /NDF: 1877.4/25

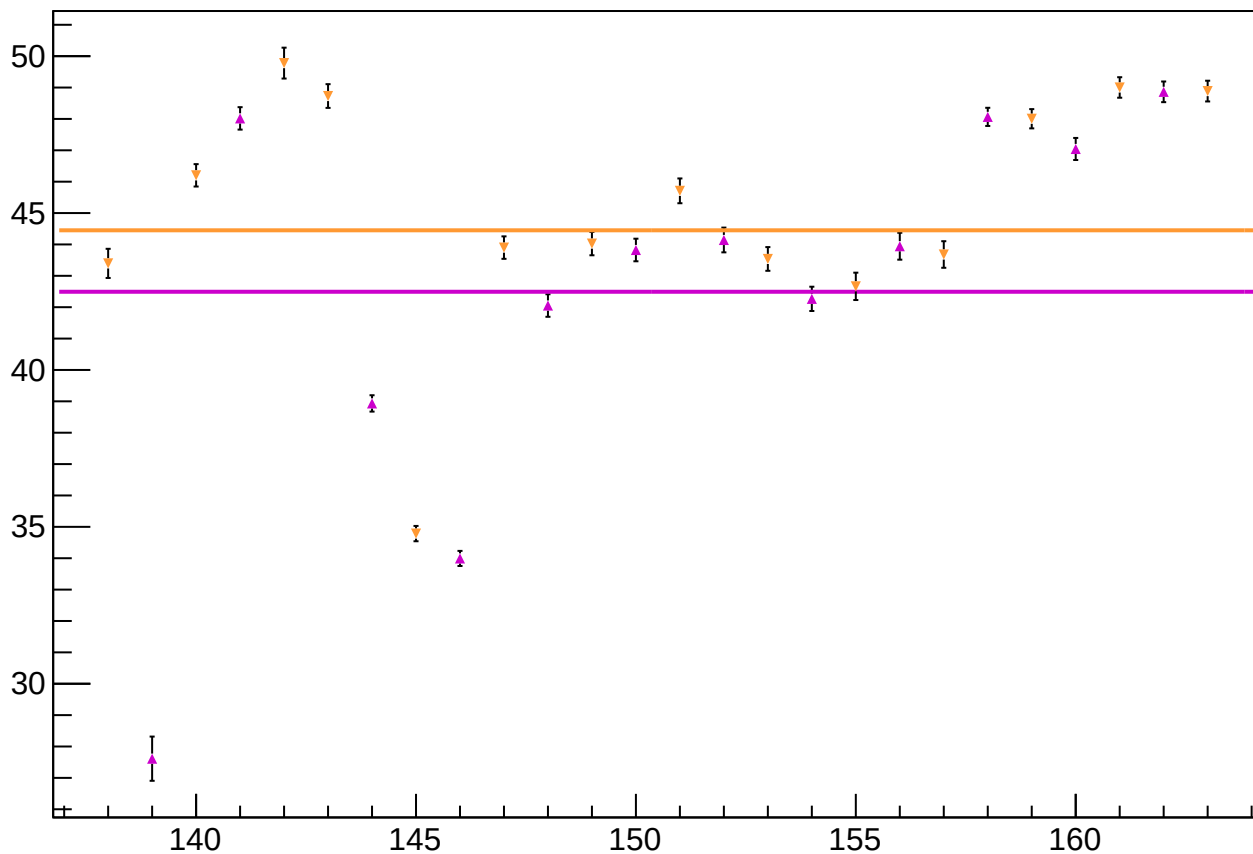
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.799+/-0.115 χ^2/NDF :2484.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.152+/-0.116 χ^2/NDF :3169.6/11

Left: 24.981+/-0.082 χ^2/NDF : 5755.3/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.152+/-0.116 χ^2/NDF :3169.6/11
 Out: 25.799+/-0.115 χ^2/NDF :2484.3/13
 All: 24.981+/-0.082 χ^2/NDF : 5755.3/25

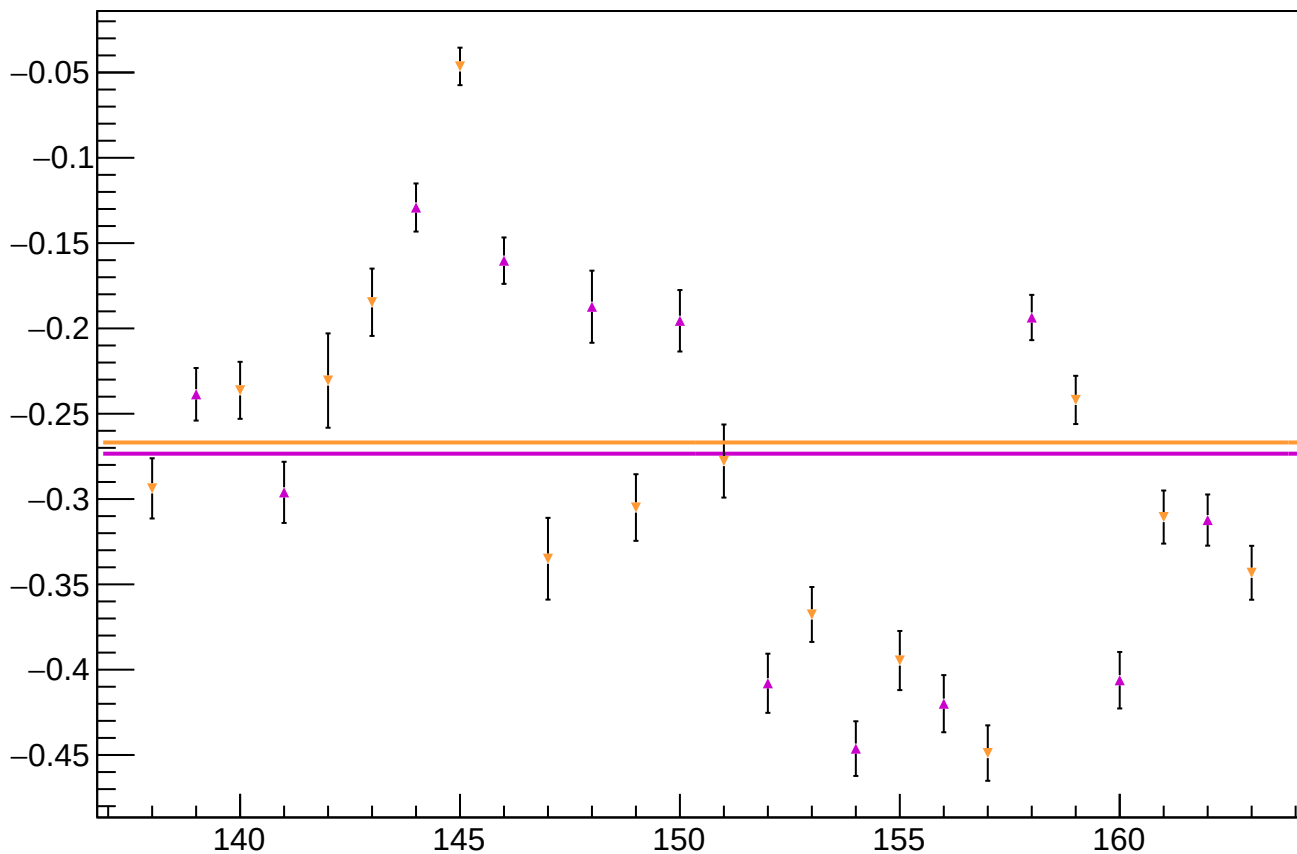
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 44.450+/-0.096 χ^2/NDF :2392.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 42.492+/-0.098 χ^2/NDF :3076.5/11

Left: 43.488+/-0.068 χ^2/NDF : 5674.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 42.492+/-0.098 χ^2/NDF :3076.5/11
 Out: 44.450+/-0.096 χ^2/NDF :2392.5/13
 All: 43.488+/-0.068 χ^2/NDF : 5674.0/25

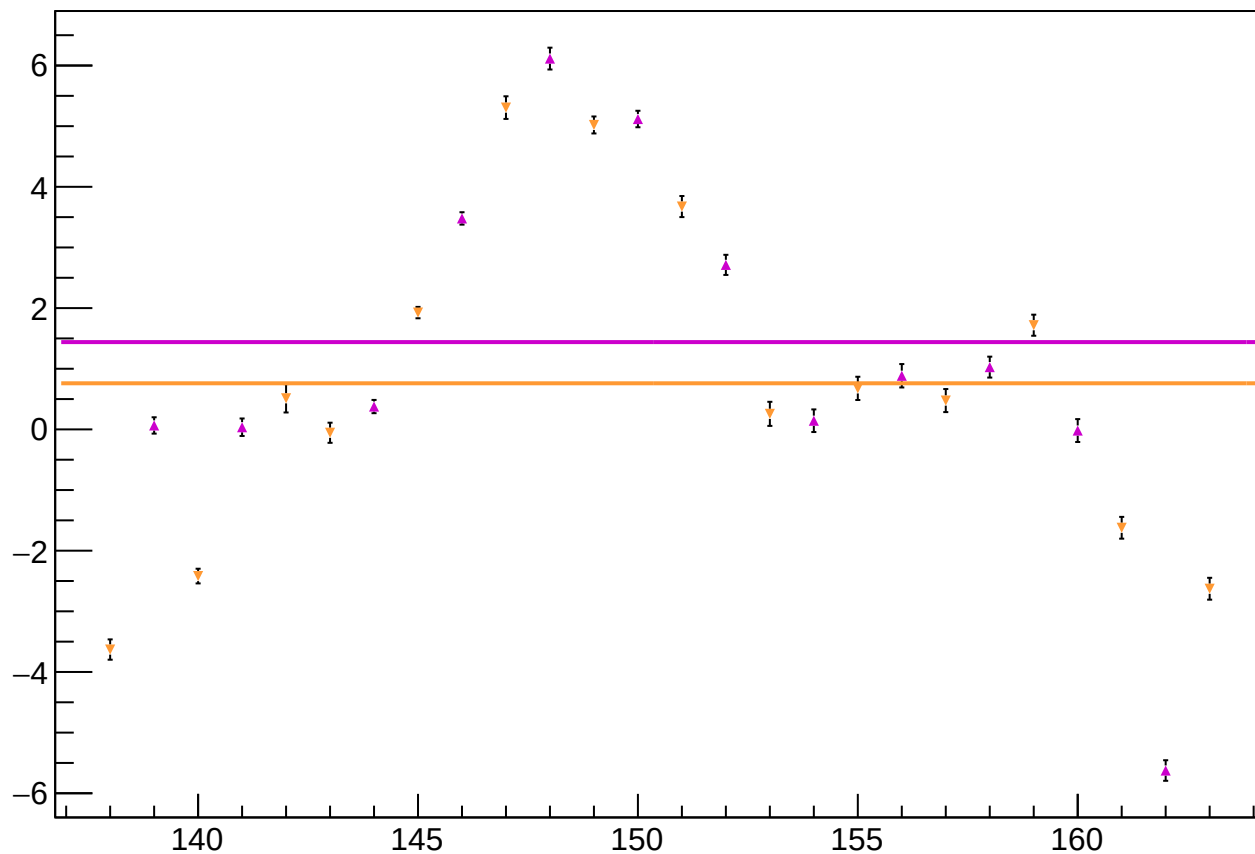
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.267+/-0.004 χ^2/NDF : 693.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.273+/-0.005 χ^2/NDF : 576.4/11

Left: -0.270+/-0.003 χ^2/NDF : 1270.6/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.273+/-0.005 χ^2/NDF : 576.4/11
 Out: -0.267+/-0.004 χ^2/NDF : 693.1/13
 All: -0.270+/-0.003 χ^2/NDF : 1270.6/25

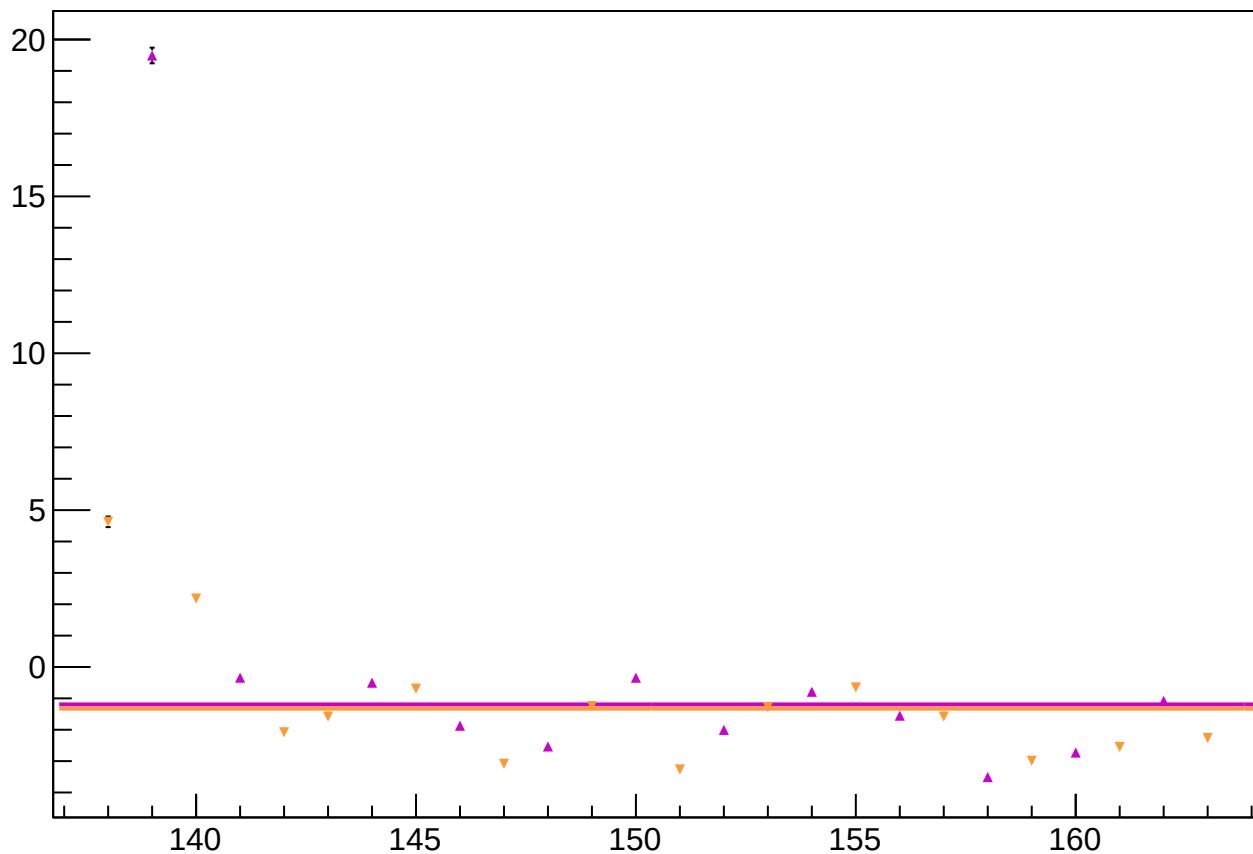
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.760 $\pm$ 0.042 χ^2 /NDF:3924.1/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.439 $\pm$ 0.042 χ^2 /NDF:4013.9/11

Left: 1.099 $\pm$ 0.030 χ^2 /NDF: 8066.6/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.439 $\pm$ 0.042 χ^2 /NDF:4013.9/11
 Out: 0.760 $\pm$ 0.042 χ^2 /NDF:3924.1/13
 All: 1.099 $\pm$ 0.030 χ^2 /NDF: 8066.6/25

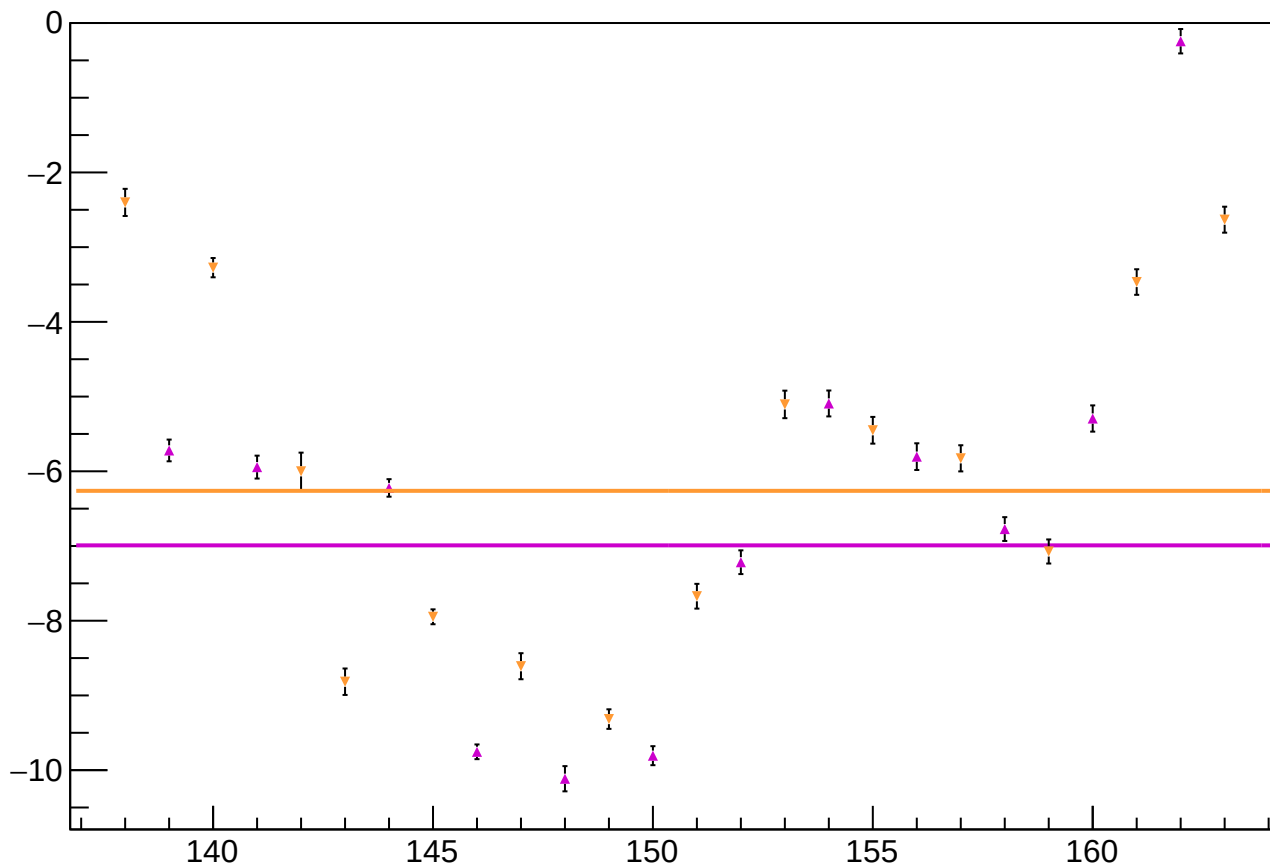
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.328+/-0.030 χ^2/NDF :3675.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.193+/-0.030 χ^2/NDF :8044.9/11

Left: -1.260+/-0.021 χ^2/NDF : 11730.1/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.193+/-0.030 χ^2/NDF :8044.9/11
 Out: -1.328+/-0.030 χ^2/NDF :3675.1/13
 All: -1.260+/-0.021 χ^2/NDF : 11730.1/25

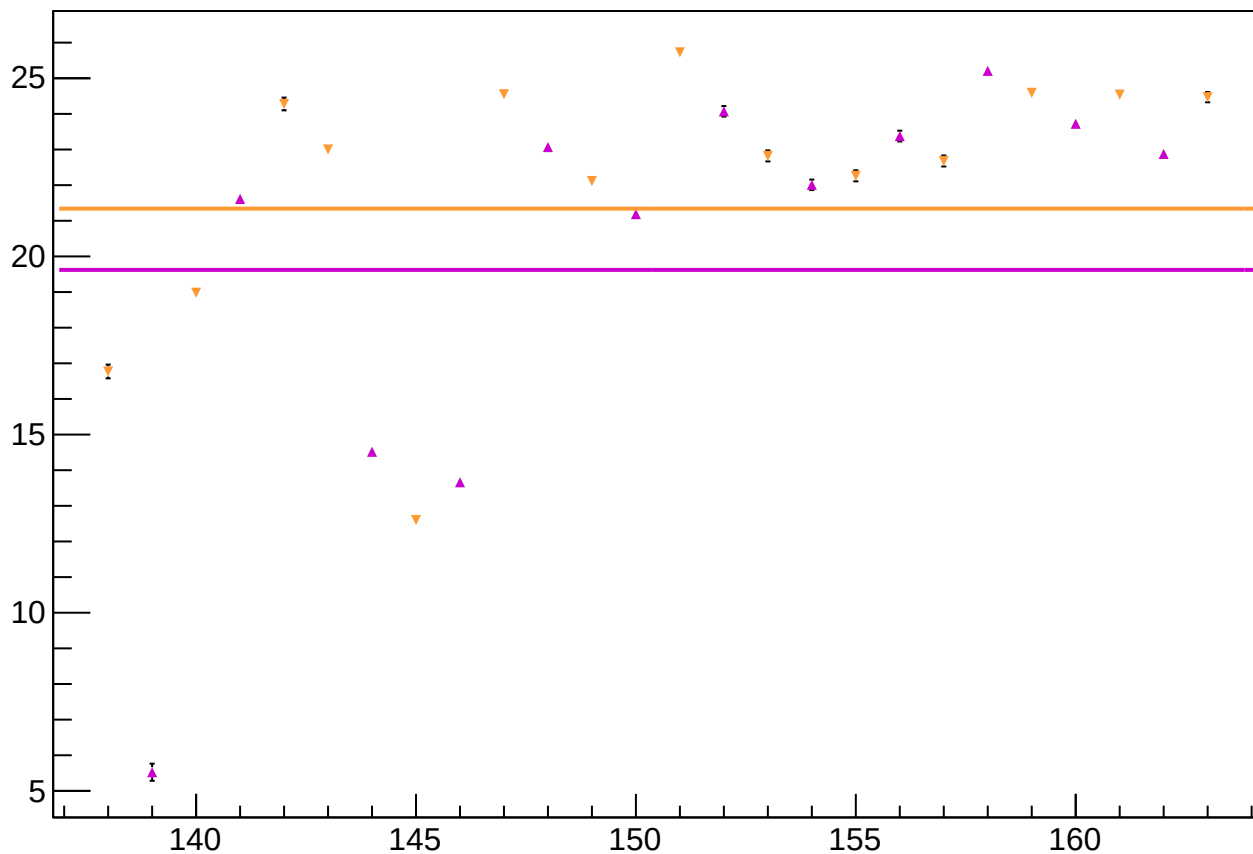
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.262+/-0.042 χ^2/NDF :3075.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.991+/-0.042 χ^2/NDF :3755.5/11

Left: -6.630+/-0.030 χ^2/NDF : 6983.4/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.991+/-0.042 χ^2/NDF :3755.5/11
 Out: -6.262+/-0.042 χ^2/NDF :3075.8/13
 All: -6.630+/-0.030 χ^2/NDF : 6983.4/25

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 21.341 $\pm$ 0.035 χ^2/NDF :14924.9/13

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 19.622 $\pm$ 0.035 χ^2/NDF :18181.3/11

Left: 20.485 $\pm$ 0.025 χ^2/NDF : 34298.0/25

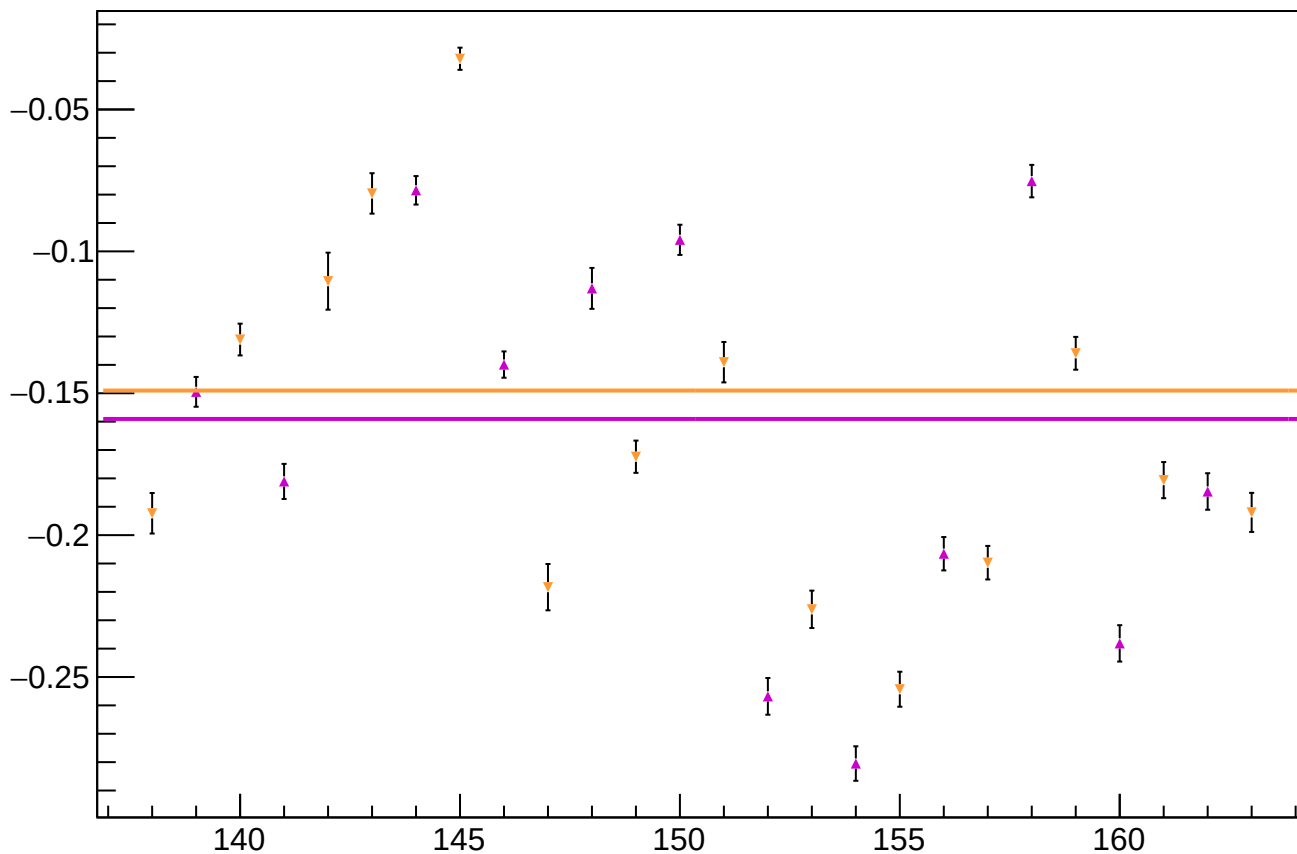
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 19.622 $\pm$ 0.035 χ^2/NDF :18181.3/11

Out: 21.341 $\pm$ 0.035 χ^2/NDF :14924.9/13

All: 20.485 $\pm$ 0.025 χ^2/NDF : 34298.0/25

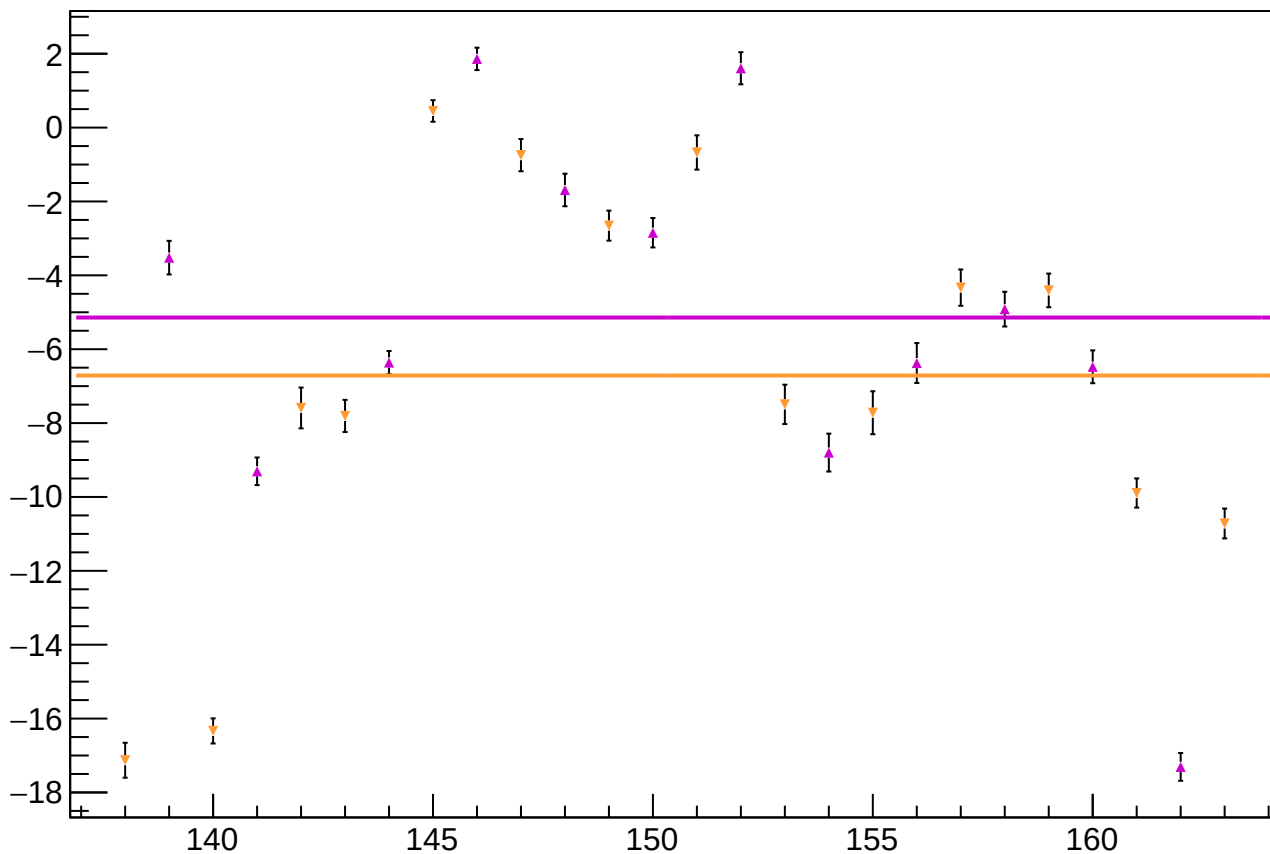
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.149 +/- 0.002 χ^2/NDF : 1744.7/13
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -0.159 +/- 0.002 χ^2/NDF : 1547.5/11

Left: -0.154 +/- 0.001 χ^2/NDF : 3310.5/25
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -0.159 +/- 0.002 χ^2/NDF : 1547.5/11
 Out: -0.149 +/- 0.002 χ^2/NDF : 1744.7/13
 All: -0.154 +/- 0.001 χ^2/NDF : 3310.5/25

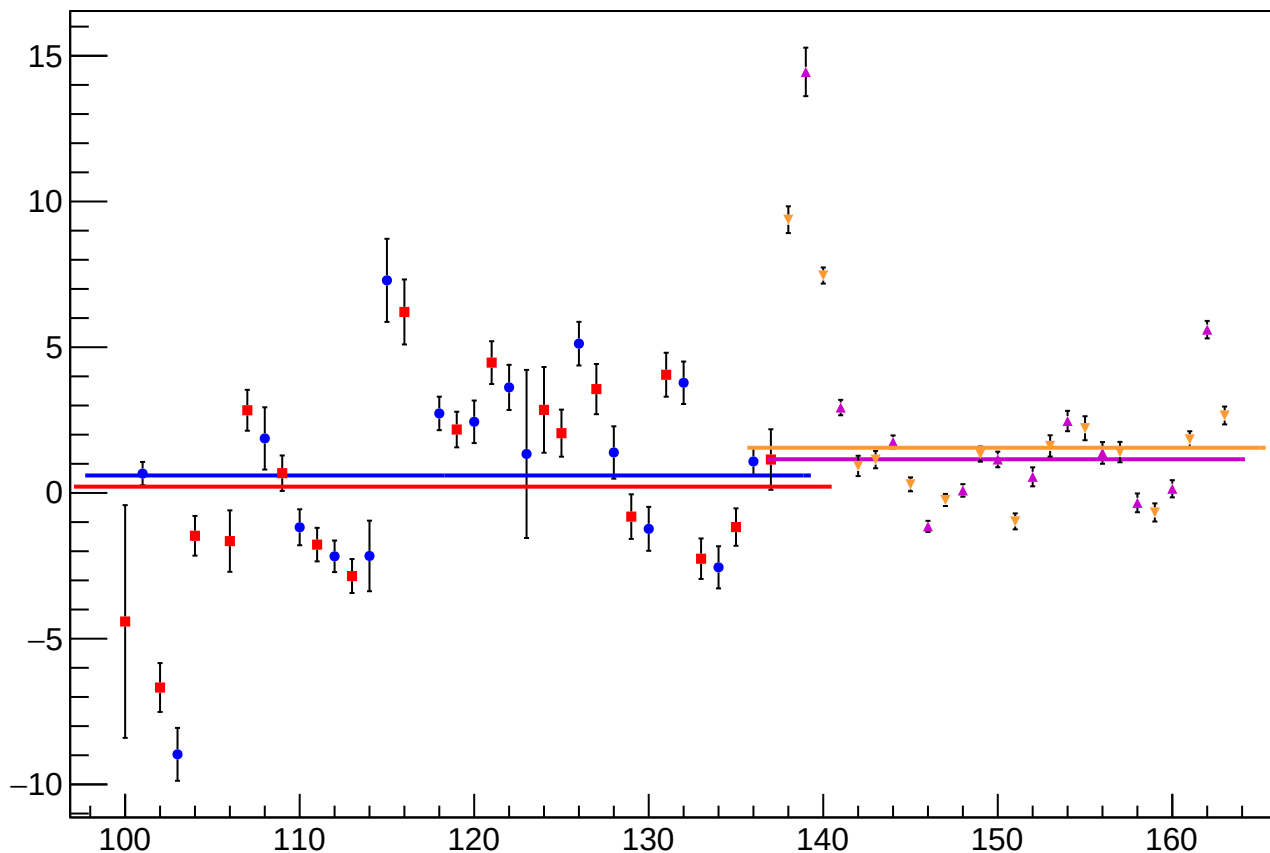
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.712+/-0.114 χ^2/NDF : 2569.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.142+/-0.117 χ^2/NDF : 2129.0/11

Left: -5.946+/-0.081 χ^2/NDF : 4791.1/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.142+/-0.117 χ^2/NDF : 2129.0/11
 Out: -6.712+/-0.114 χ^2/NDF : 2569.2/13
 All: -5.946+/-0.081 χ^2/NDF : 4791.1/25

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: 1.551 ± 0.079 χ^2/NDF : 1008.7/13

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.156 ± 0.080 χ^2/NDF : 748.2/11

Left: 1.357 ± 0.056 χ^2/NDF : 1769.2/25

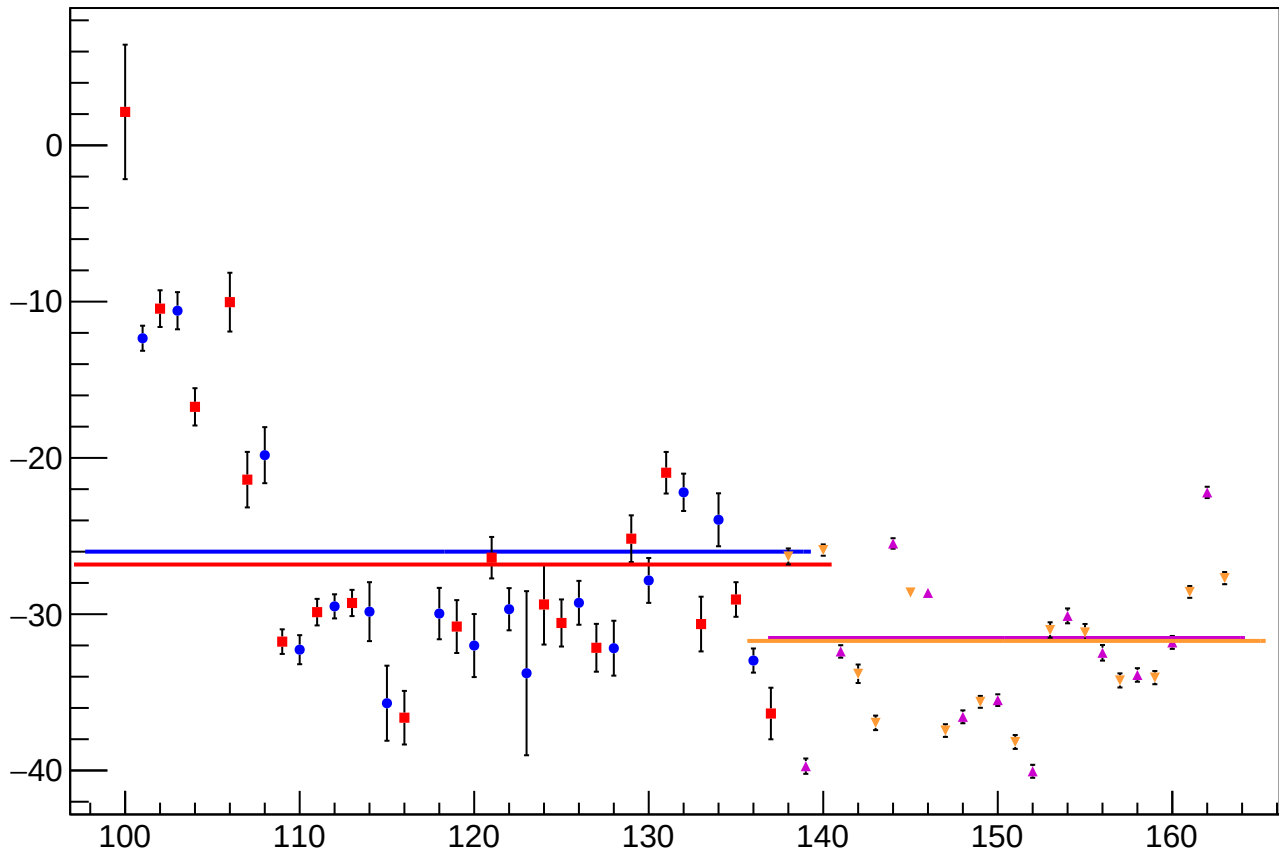
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.054 ± 0.072 χ^2/NDF : 1048.9/28

Out: 1.326 ± 0.072 χ^2/NDF : 1331.8/32

All: 1.191 ± 0.051 χ^2/NDF : 2387.8/61

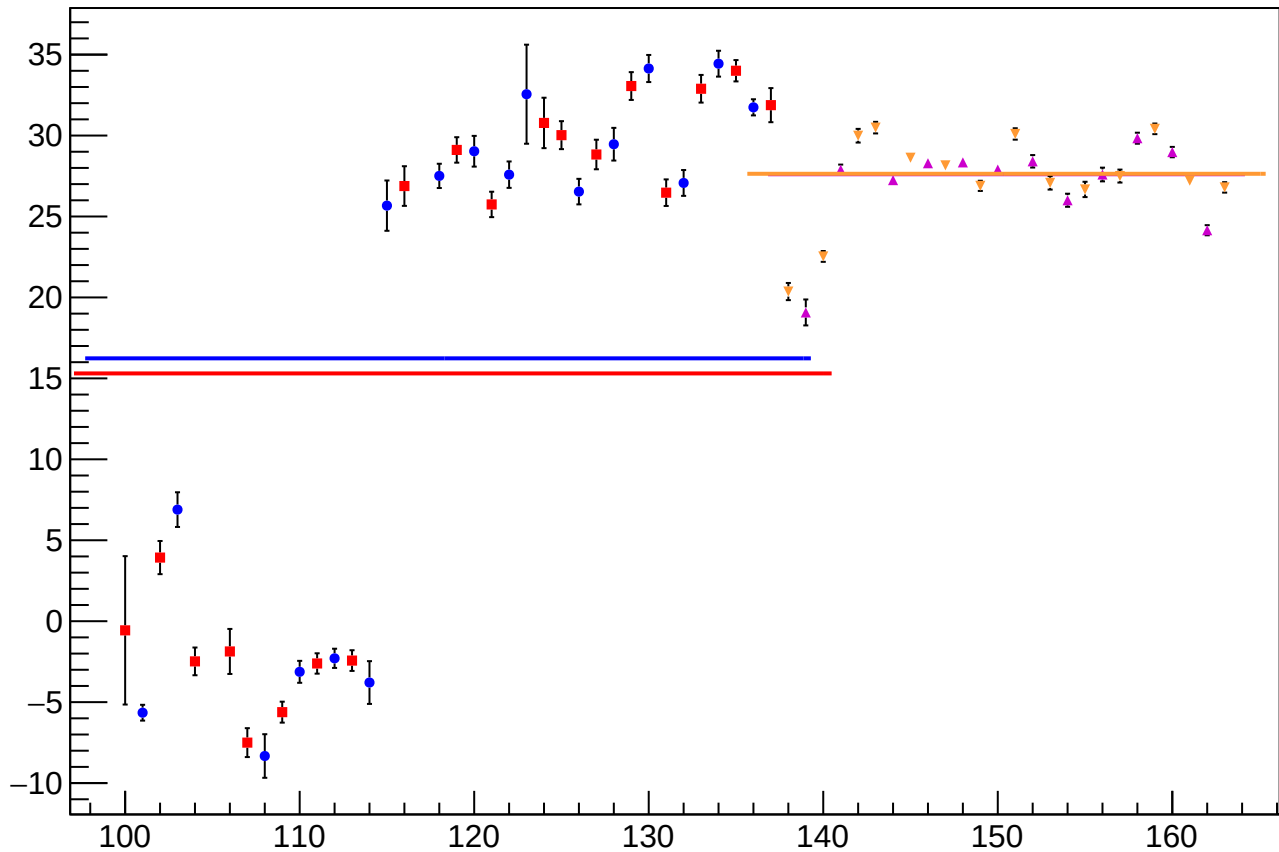
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16
 Left Out: -31.709 ± 0.113 χ^2/NDF : 1365.9/13
 Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18
 Left In: -31.524 ± 0.114 χ^2/NDF : 2092.2/11

Left: -31.618 ± 0.080 χ^2/NDF : 3459.5/25
 Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35
 In: -30.829 ± 0.106 χ^2/NDF : 3081.2/28
 Out: -31.098 ± 0.105 χ^2/NDF : 2183.0/32
 All: -30.965 ± 0.075 χ^2/NDF : 5267.4/61

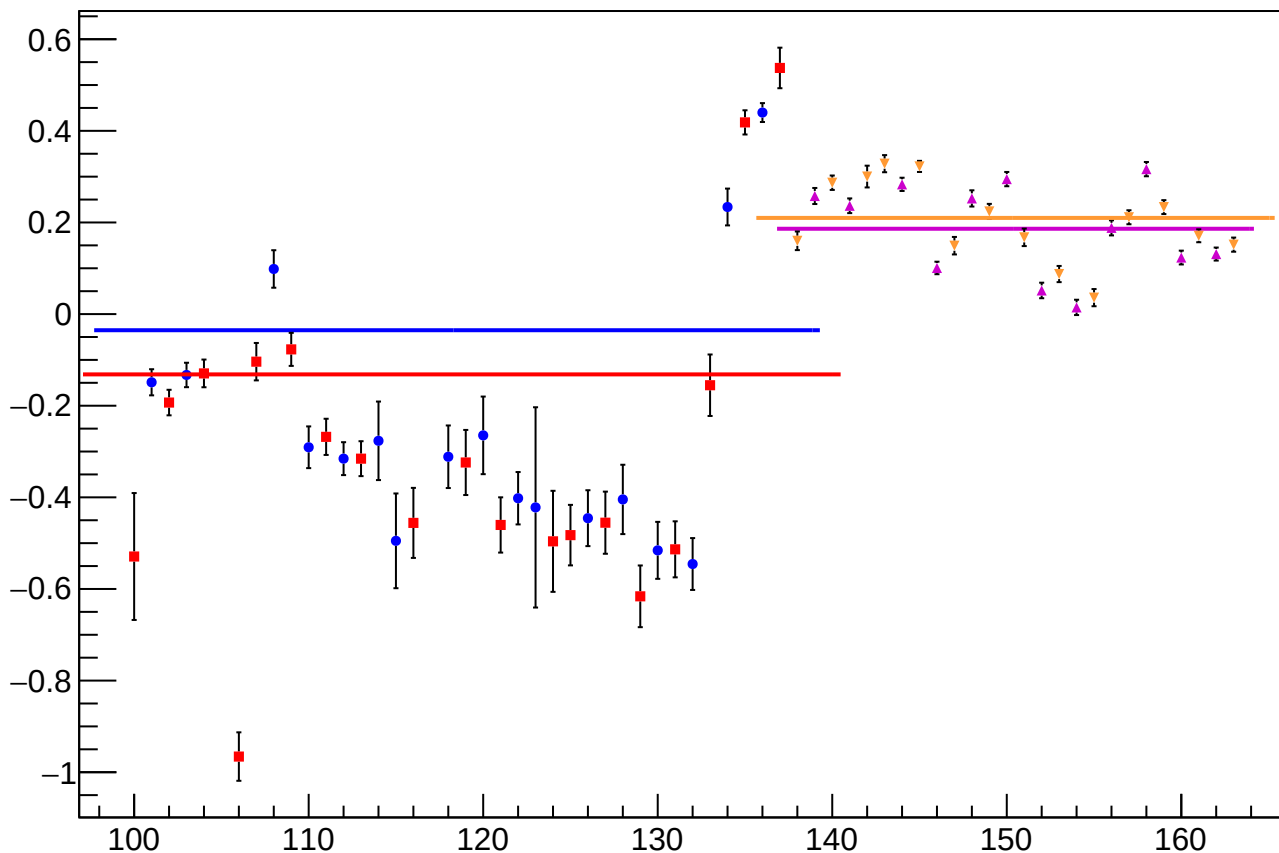
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 27.638 $\pm$ 0.093 χ^2 /NDF:673.4/13
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 27.609 $\pm$ 0.095 χ^2 /NDF:334.5/11

Left: 27.624 $\pm$ 0.066 χ^2 /NDF: 1007.9/25
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 25.374 $\pm$ 0.085 χ^2 /NDF:10751.0/28
 Out: 25.402 $\pm$ 0.084 χ^2 /NDF:11154.4/32
 All: 25.388 $\pm$ 0.060 χ^2 /NDF: 21905.5/61

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: 0.210 ± 0.004 χ^2/NDF : 344.3/13

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.186 ± 0.005 χ^2/NDF : 443.3/11

Left: 0.198 ± 0.003 χ^2/NDF : 801.6/25

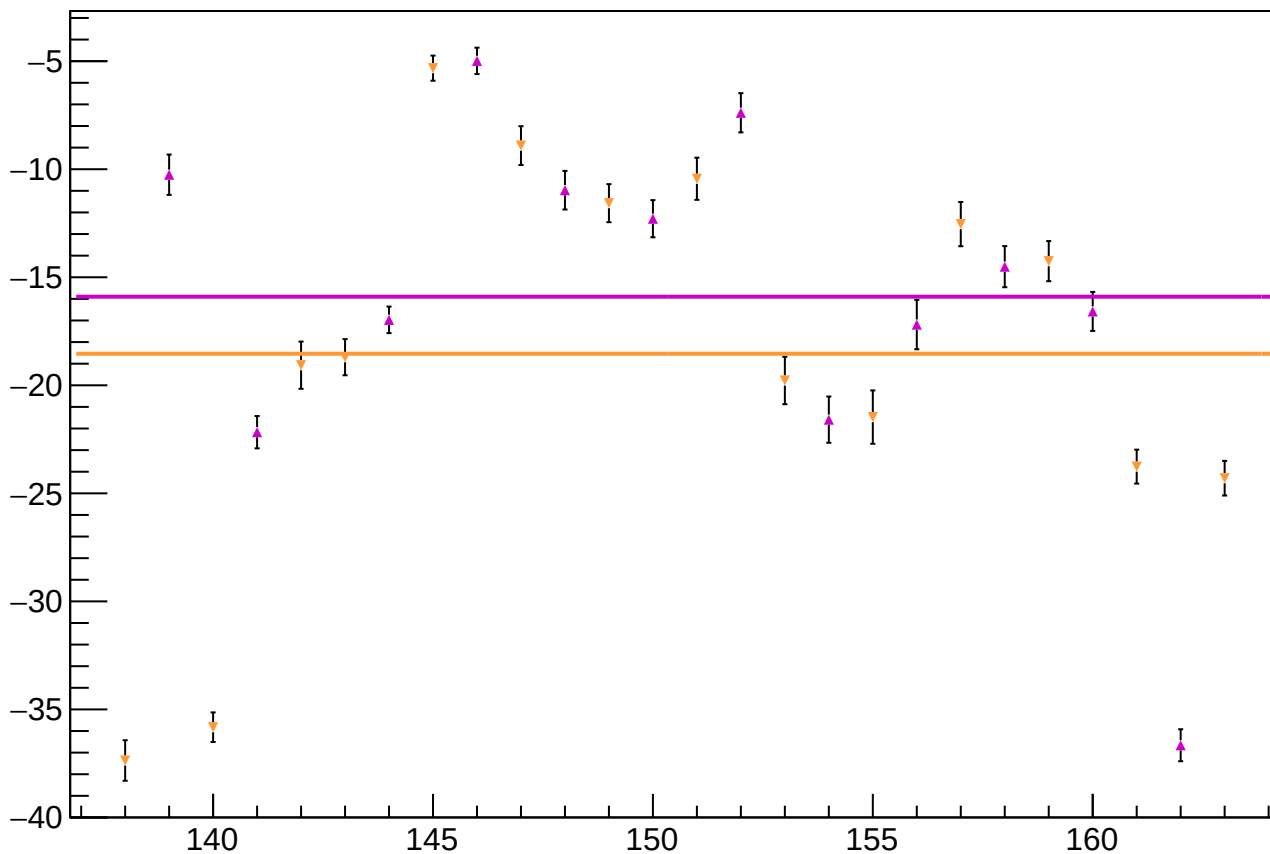
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.151 ± 0.004 χ^2/NDF : 1843.0/28

Out: 0.157 ± 0.004 χ^2/NDF : 2433.1/32

All: 0.154 ± 0.003 χ^2/NDF : 4277.4/61

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



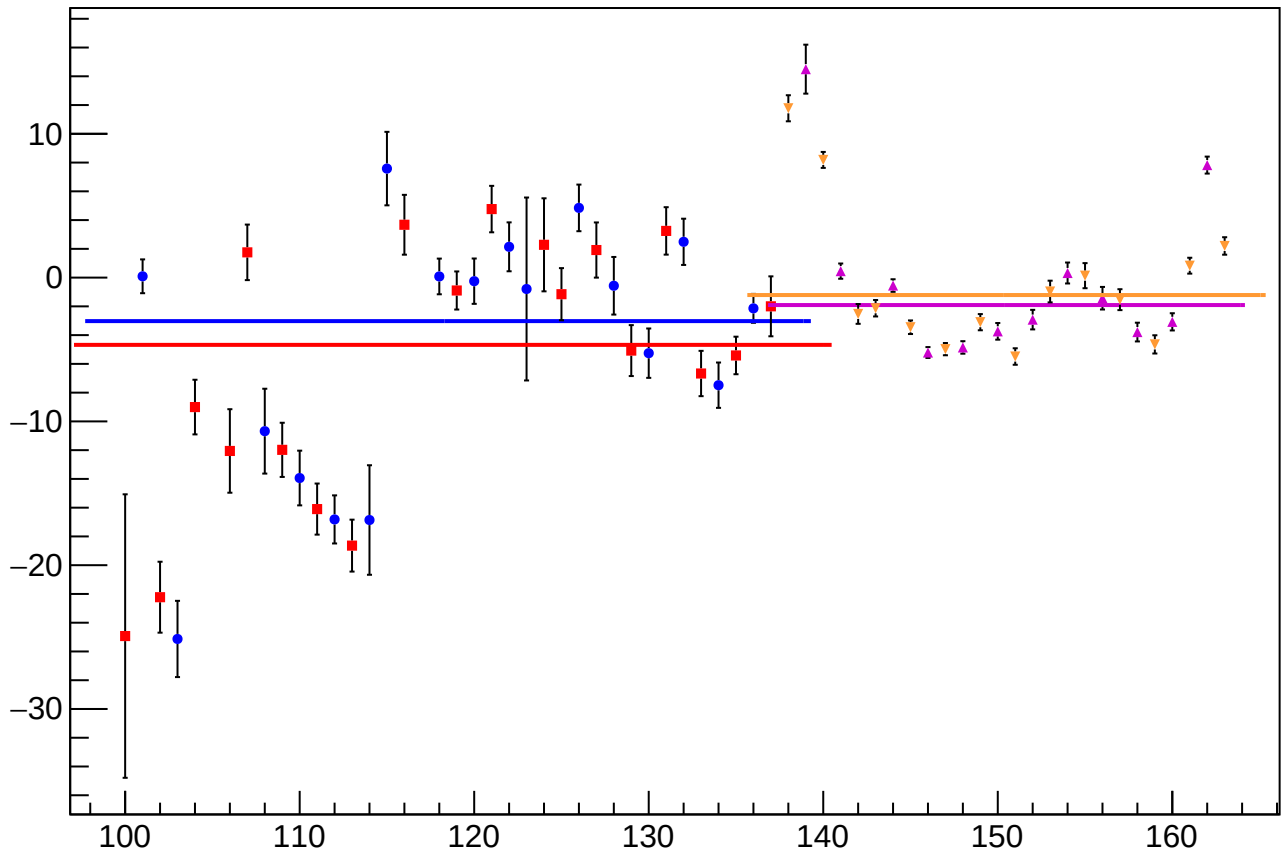
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.539+/-0.230 χ^2/NDF :1960.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.899+/-0.236 χ^2/NDF :1383.6/11

Left: -17.254+/-0.165 χ^2/NDF : 3408.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.899+/-0.236 χ^2/NDF :1383.6/11
 Out: -18.539+/-0.230 χ^2/NDF :1960.6/13

All: -17.254+/-0.165 χ^2/NDF : 3408.2/25

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.213 ± 0.160 $\chi^2/\text{NDF}: 742.4/13$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

Left In: -1.909 ± 0.162 $\chi^2/\text{NDF}: 550.7/11$

Left: -1.556 ± 0.114 $\chi^2/\text{NDF}: 1302.5/25$

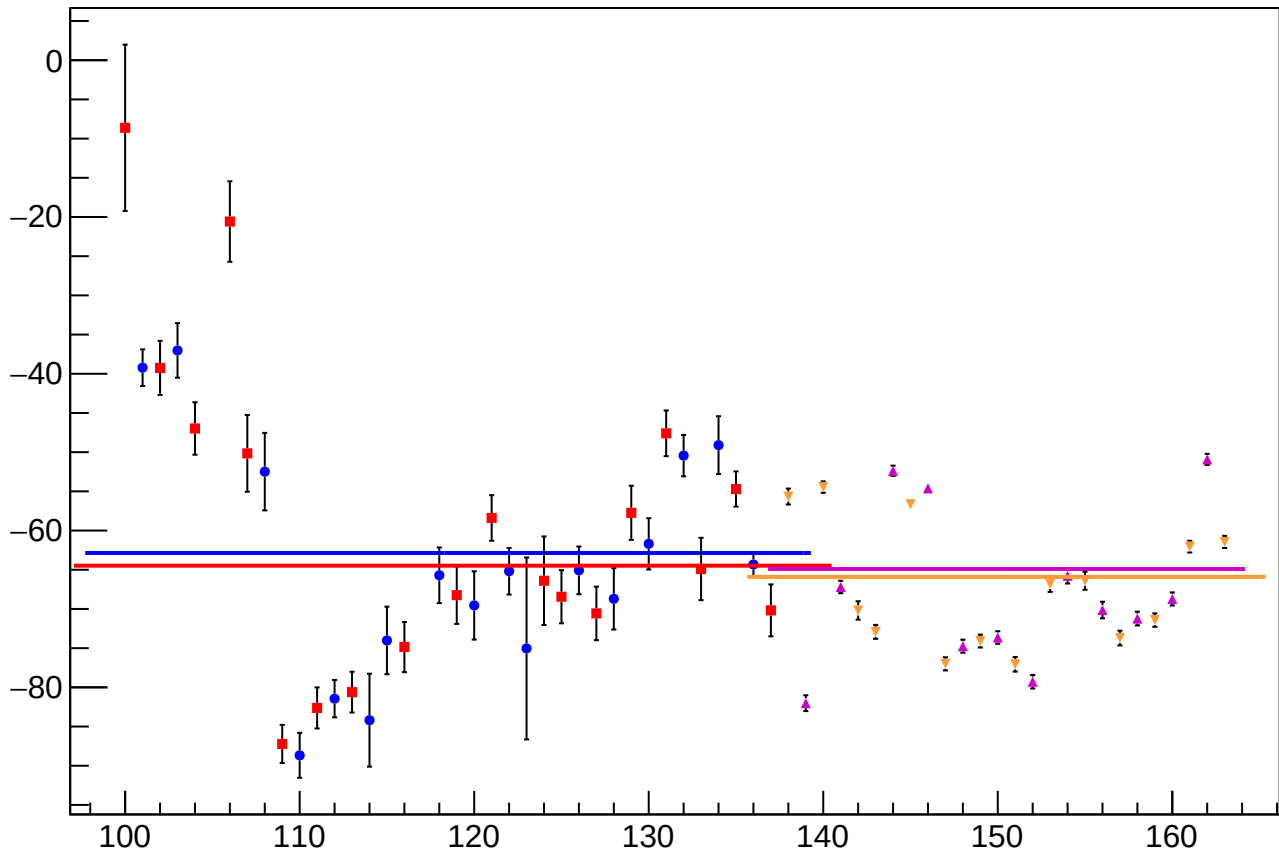
Right: -3.816 ± 0.295 $\chi^2/\text{NDF}: 587.6/35$

In: -2.061 ± 0.151 $\chi^2/\text{NDF}: 837.8/28$

Out: -1.639 ± 0.149 $\chi^2/\text{NDF}: 1099.5/32$

All: -1.848 ± 0.106 $\chi^2/\text{NDF}: 1941.2/61$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -65.908 ± 0.229 $\chi^2/\text{NDF}: 1235.9/13$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -64.901 ± 0.231 $\chi^2/\text{NDF}: 1979.4/11$

Left: -65.411 ± 0.163 $\chi^2/\text{NDF}: 3224.9/25$

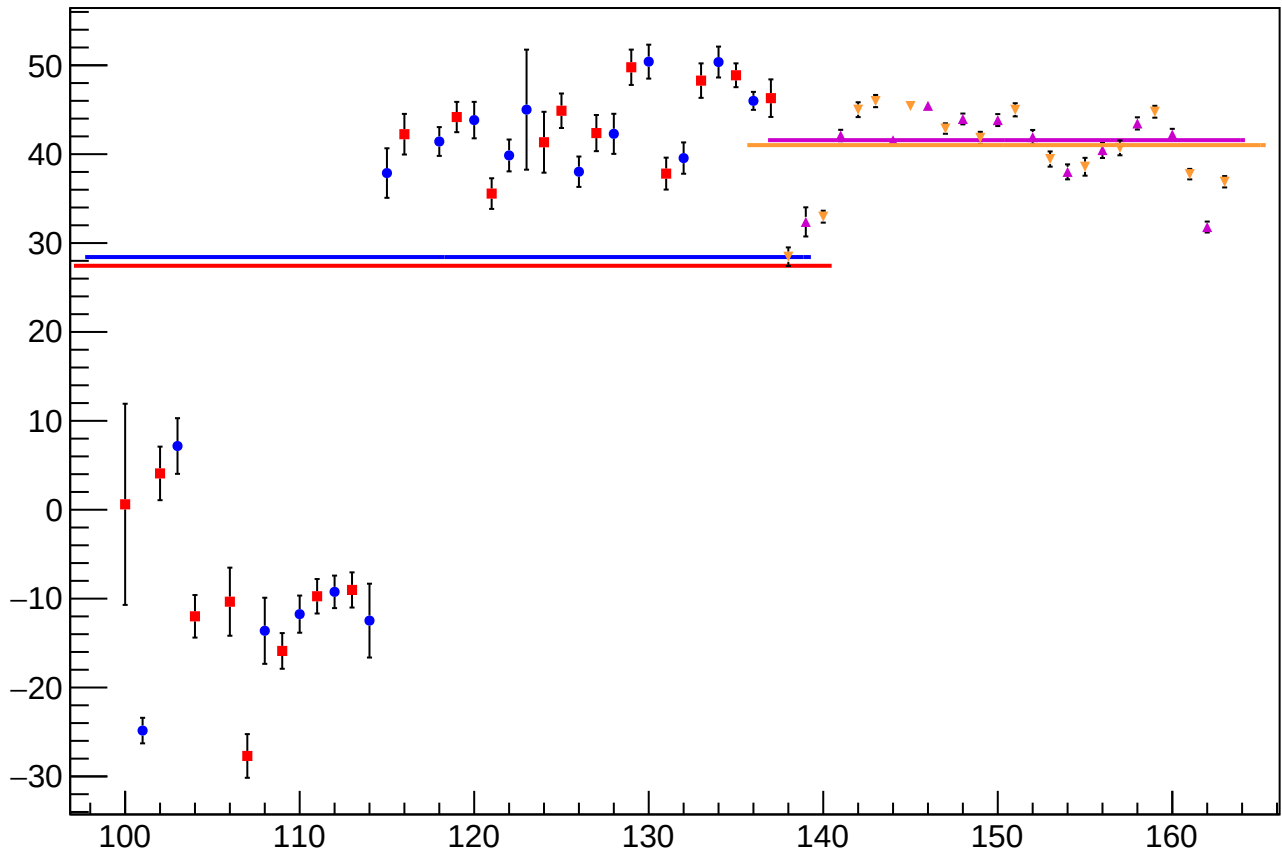
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -64.719 ± 0.221 $\chi^2/\text{NDF}: 2354.1/28$

Out: -65.787 ± 0.219 $\chi^2/\text{NDF}: 1683.2/32$

All: -65.258 ± 0.155 $\chi^2/\text{NDF}: 4049.1/61$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.019 $\pm$ 0.188 χ^2 /NDF:580.2/13

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 41.578 $\pm$ 0.192 χ^2 /NDF:405.5/11

Left: 41.293 $\pm$ 0.134 χ^2 /NDF: 990.0/25

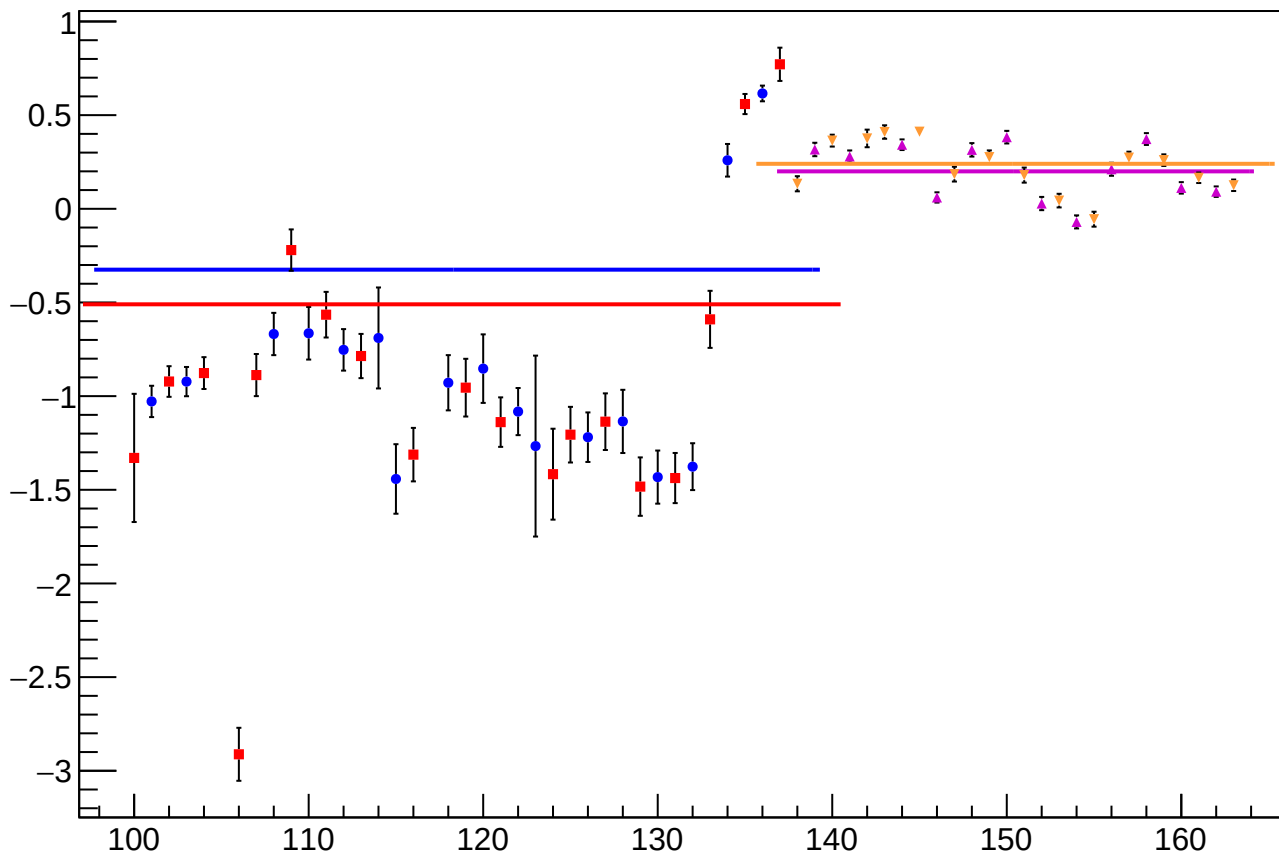
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.615 $\pm$ 0.177 χ^2 /NDF:4430.0/28

Out: 39.202 $\pm$ 0.175 χ^2 /NDF:4311.2/32

All: 39.406 $\pm$ 0.124 χ^2 /NDF: 8744.0/61

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: 0.240 ± 0.009 χ^2/NDF : 214.6/13

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.200 ± 0.009 χ^2/NDF : 243.8/11

Left: 0.221 ± 0.006 χ^2/NDF : 468.2/25

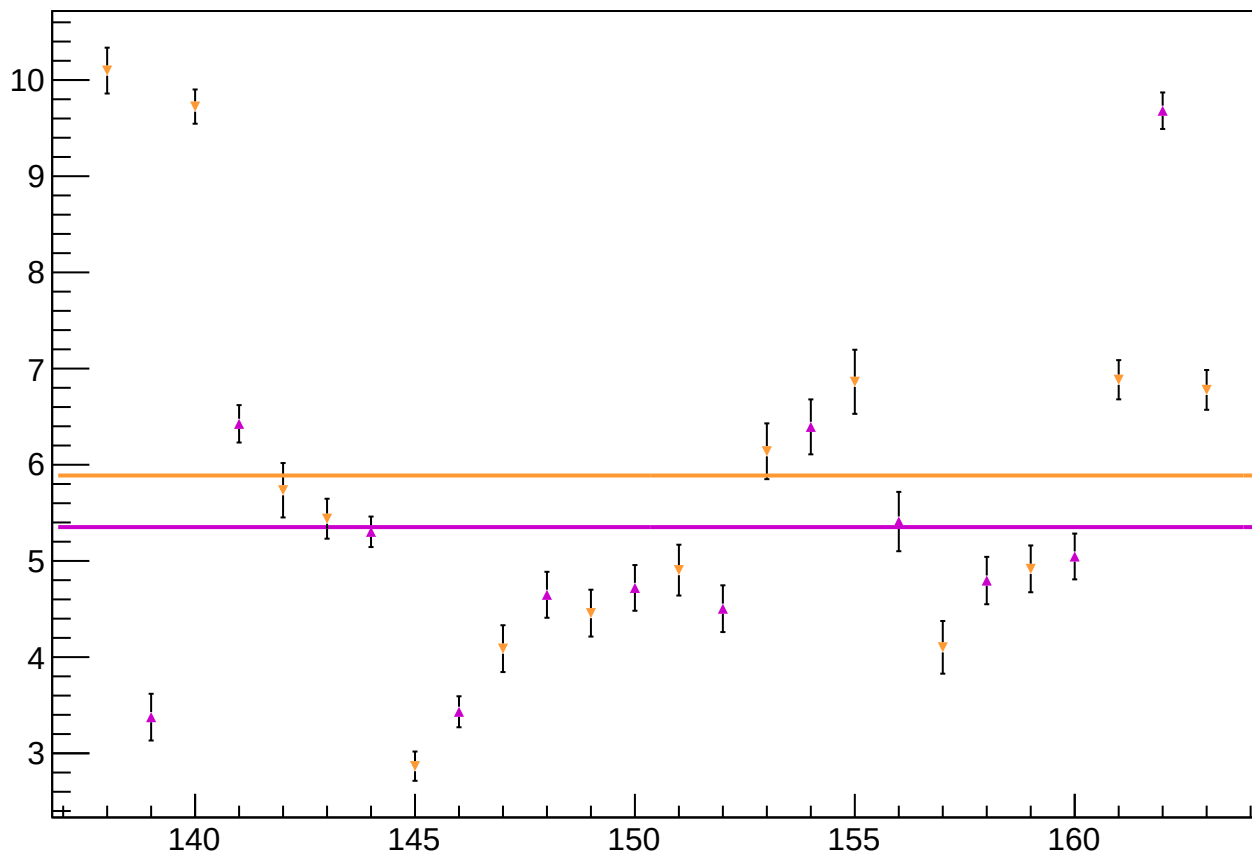
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.137 ± 0.009 χ^2/NDF : 1645.5/28

Out: 0.158 ± 0.008 χ^2/NDF : 2142.6/32

All: 0.148 ± 0.006 χ^2/NDF : 3791.2/61

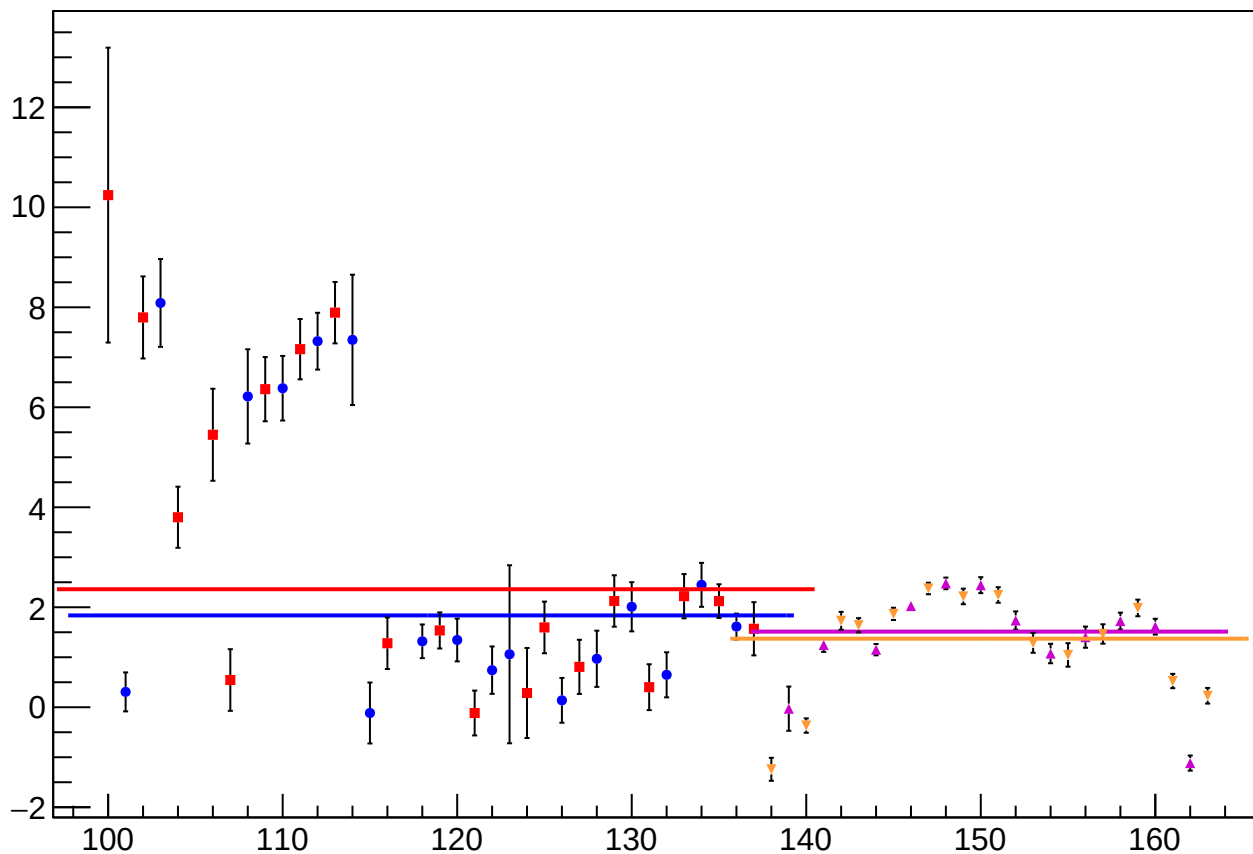
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.888+/-0.060 χ^2/NDF :1388.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.352+/-0.062 χ^2/NDF :806.7/11

Left: 5.628+/-0.043 χ^2/NDF : 2234.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.352+/-0.062 χ^2/NDF :806.7/11
 Out: 5.888+/-0.060 χ^2/NDF :1388.9/13
 All: 5.628+/-0.043 χ^2/NDF : 2234.0/25

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.372 ± 0.042 $\chi^2/\text{NDF}: 539.6/13$

Right Out: 2.361 ± 0.122 $\chi^2/\text{NDF}: 336.9/18$

Left In: 1.513 ± 0.043 $\chi^2/\text{NDF}: 466.8/11$

Left: 1.441 ± 0.030 $\chi^2/\text{NDF}: 1012.0/25$

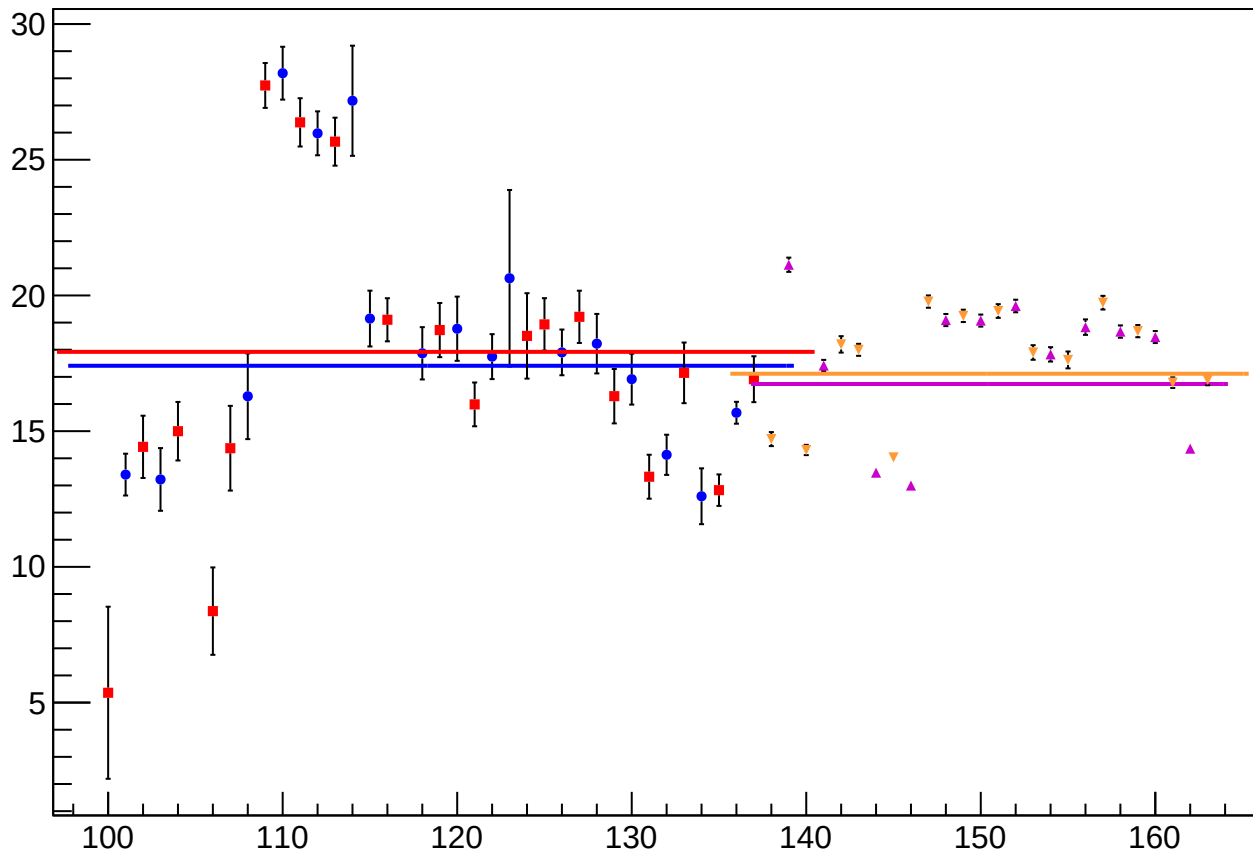
Right: 2.085 ± 0.084 $\chi^2/\text{NDF}: 640.7/35$

In: 1.551 ± 0.040 $\chi^2/\text{NDF}: 767.7/28$

Out: 1.476 ± 0.040 $\chi^2/\text{NDF}: 934.9/32$

All: 1.513 ± 0.028 $\chi^2/\text{NDF}: 1704.4/61$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409+/-0.212 χ^2/NDF : 365.1/16

Left Out: 17.116+/-0.060 χ^2/NDF :1178.3/13

Right Out: 17.922+/-0.219 χ^2/NDF : 506.5/18

Left In: 16.737+/-0.061 χ^2/NDF :1994.8/11

Left: 16.930+/-0.043 χ^2/NDF : 3192.6/25

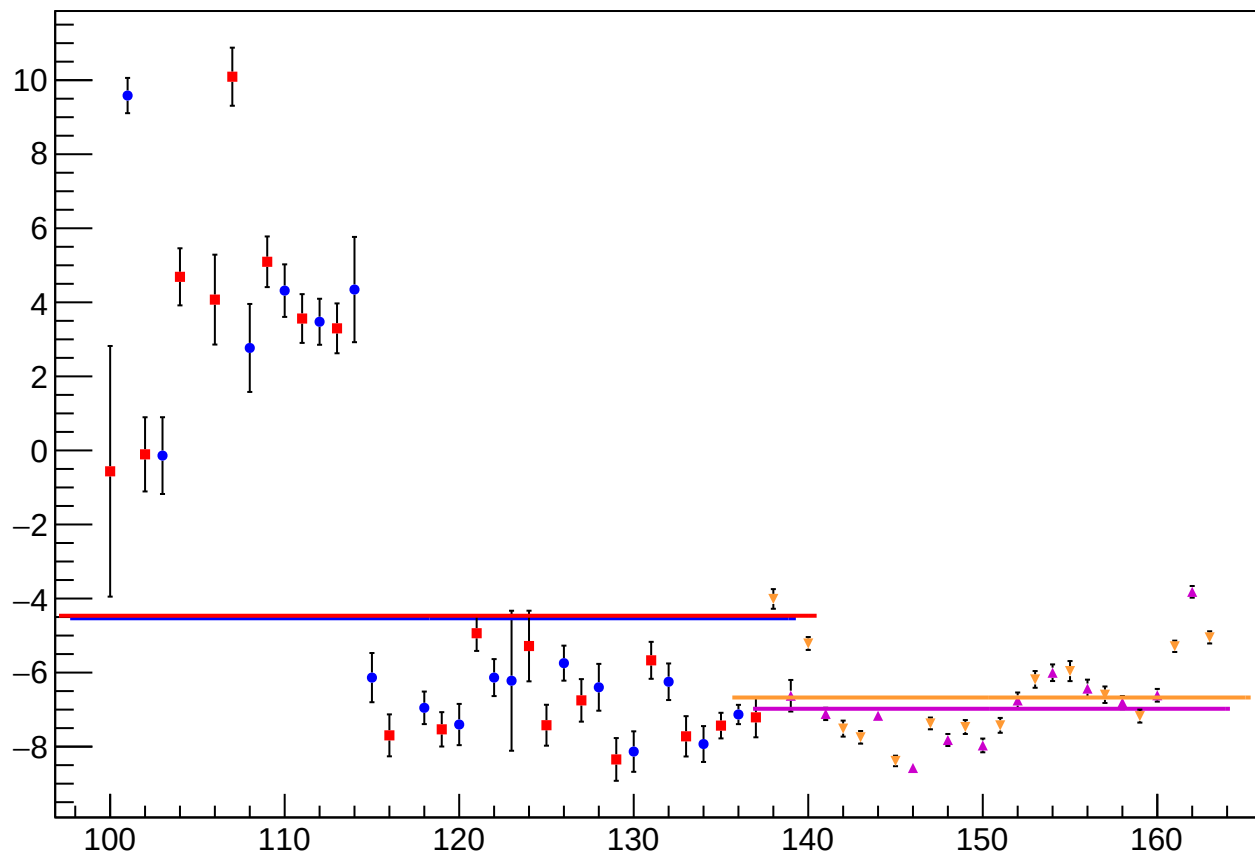
Right: 17.657+/-0.152 χ^2/NDF : 874.4/35

In: 16.789+/-0.059 χ^2/NDF :2369.2/28

Out: 17.172+/-0.058 χ^2/NDF :1697.4/32

All: 16.983+/-0.041 χ^2/NDF : 4088.2/61

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: -6.673 ± 0.049 χ^2/NDF : 620.5/13

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.977 ± 0.050 χ^2/NDF : 655.9/11

Left: -6.822 ± 0.035 χ^2/NDF : 1295.0/25

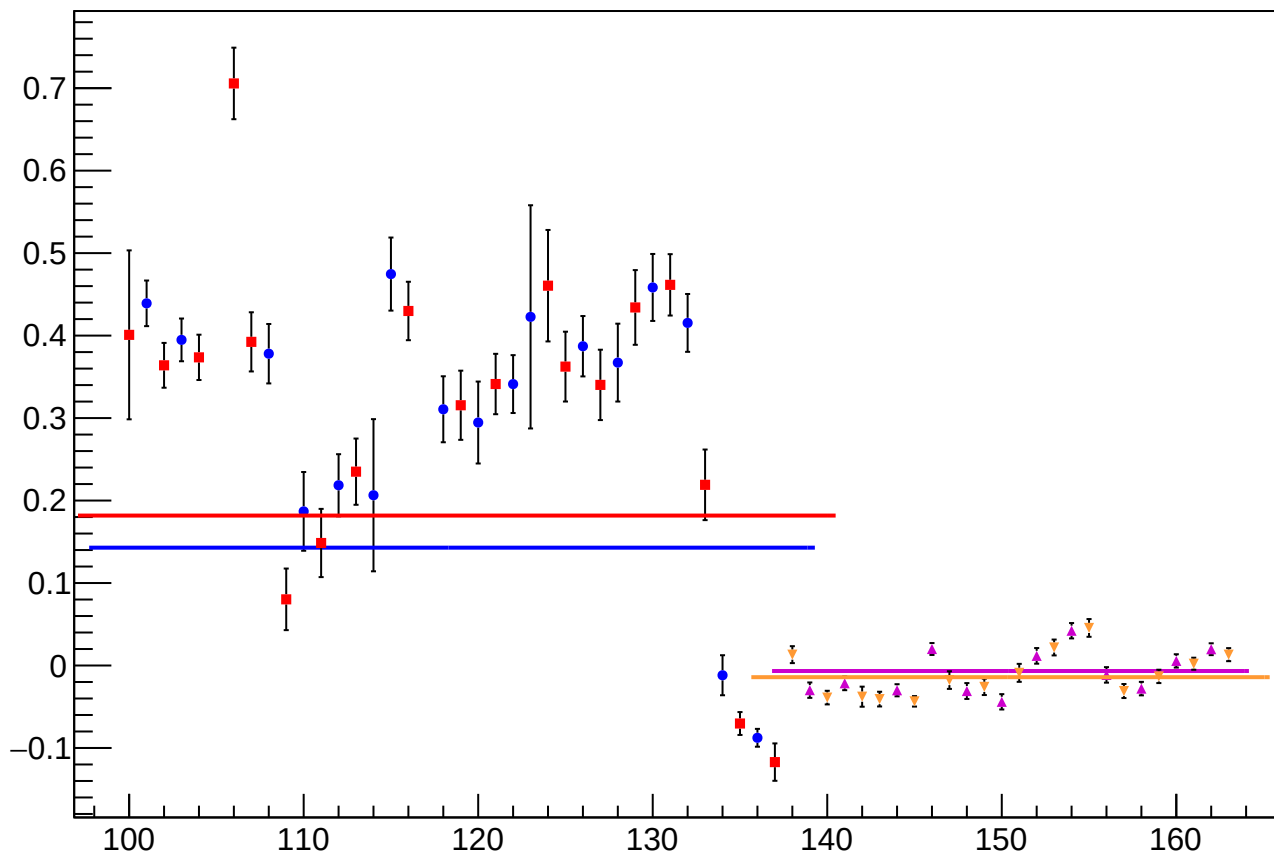
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.656 ± 0.047 χ^2/NDF : 2553.0/28

Out: -6.419 ± 0.046 χ^2/NDF : 2191.7/32

All: -6.536 ± 0.033 χ^2/NDF : 4757.6/61

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: -0.014 $\pm$ 0.002 χ^2 /NDF:117.4/13

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.007 $\pm$ 0.002 χ^2 /NDF:109.8/11

Left: -0.011 $\pm$ 0.002 χ^2 /NDF: 232.1/25

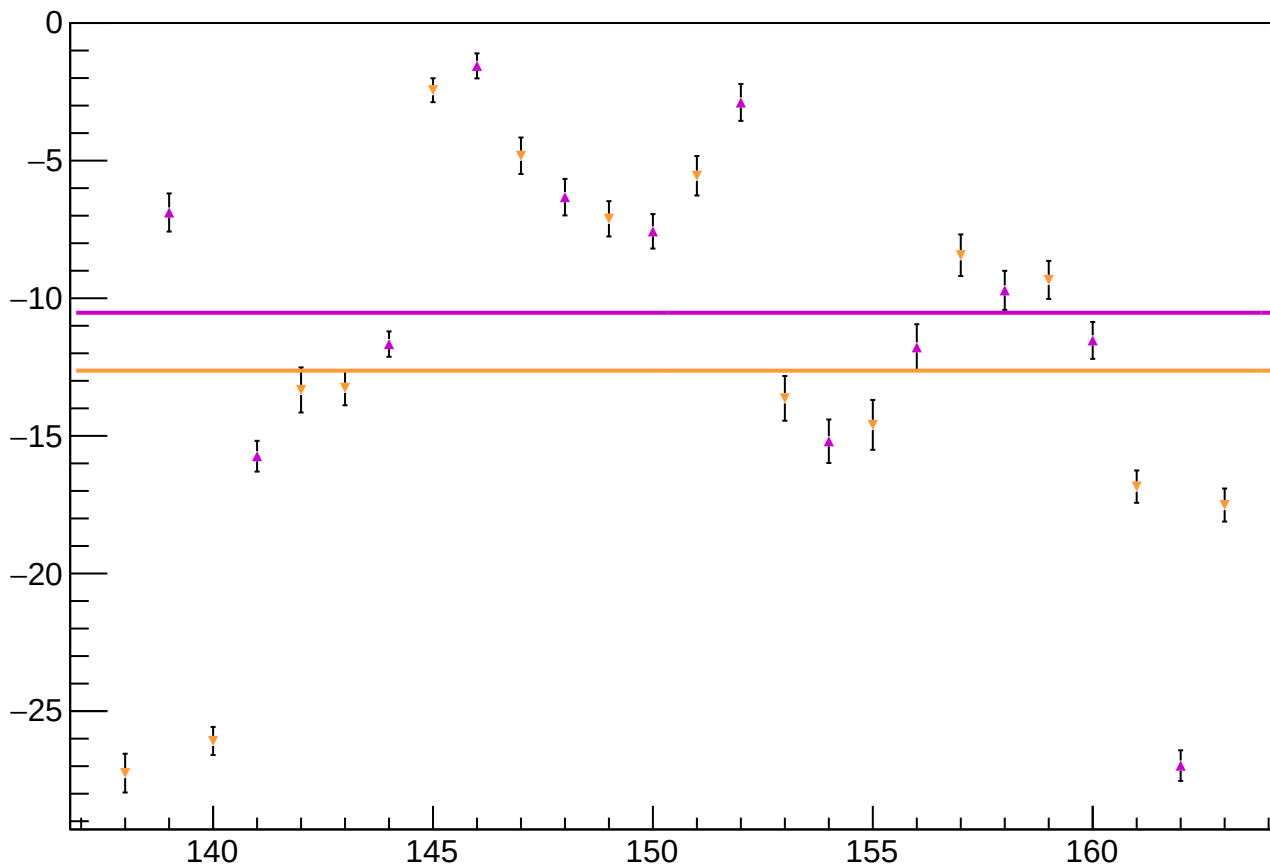
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.009 $\pm$ 0.002 χ^2 /NDF:1570.4/28

Out: 0.004 $\pm$ 0.002 χ^2 /NDF:1764.5/32

All: 0.007 $\pm$ 0.002 χ^2 /NDF: 3337.4/61

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



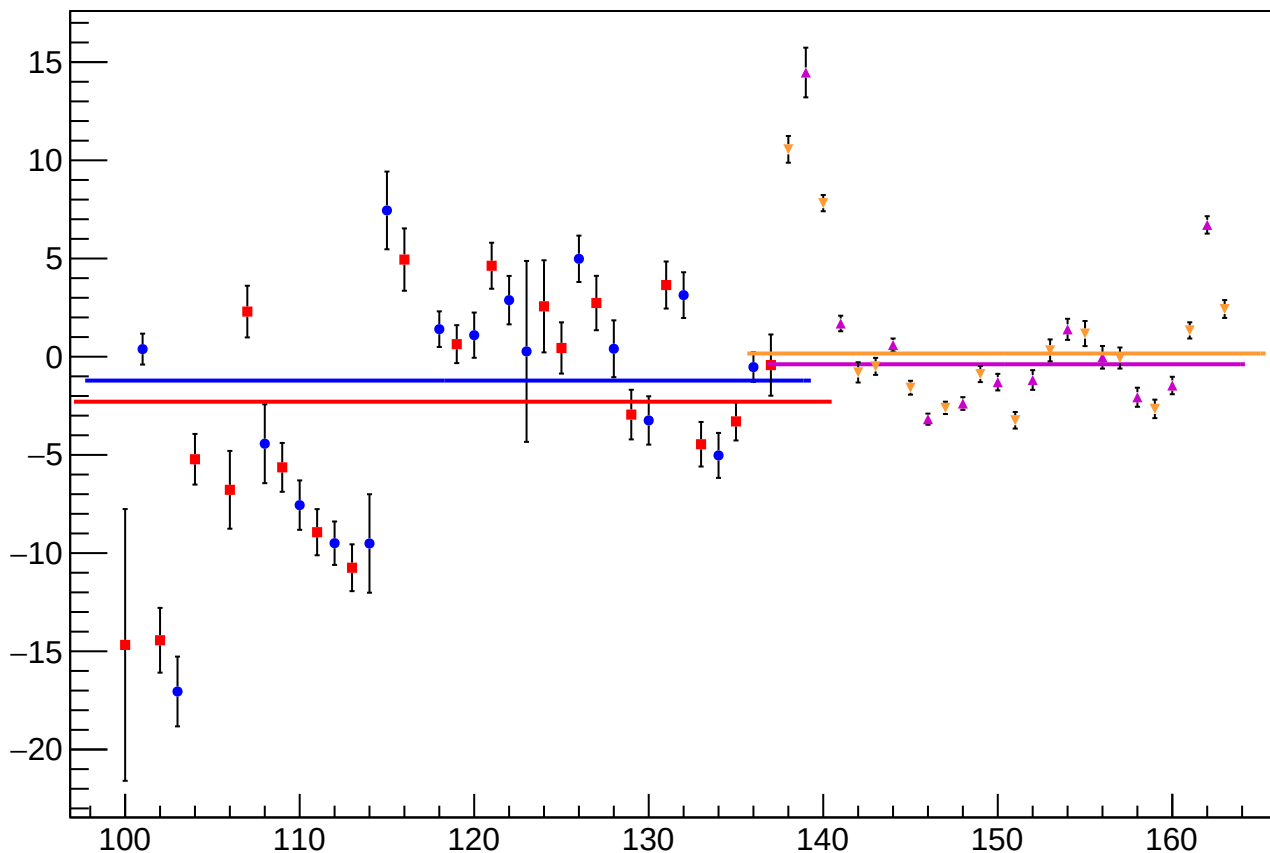
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.630+/-0.171 χ^2/NDF :2165.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.526+/-0.176 χ^2/NDF :1620.1/11

Left: -11.605+/-0.123 χ^2/NDF : 3859.2/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.526+/-0.176 χ^2/NDF :1620.1/11
 Out: -12.630+/-0.171 χ^2/NDF :2165.6/13

All: -11.605+/-0.123 χ^2/NDF : 3859.2/25

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: 0.164 ± 0.119 $\chi^2/\text{NDF}: 825.3/13$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: -0.384 ± 0.121 $\chi^2/\text{NDF}: 603.5/11$

Left: -0.106 ± 0.085 $\chi^2/\text{NDF}: 1439.3/25$

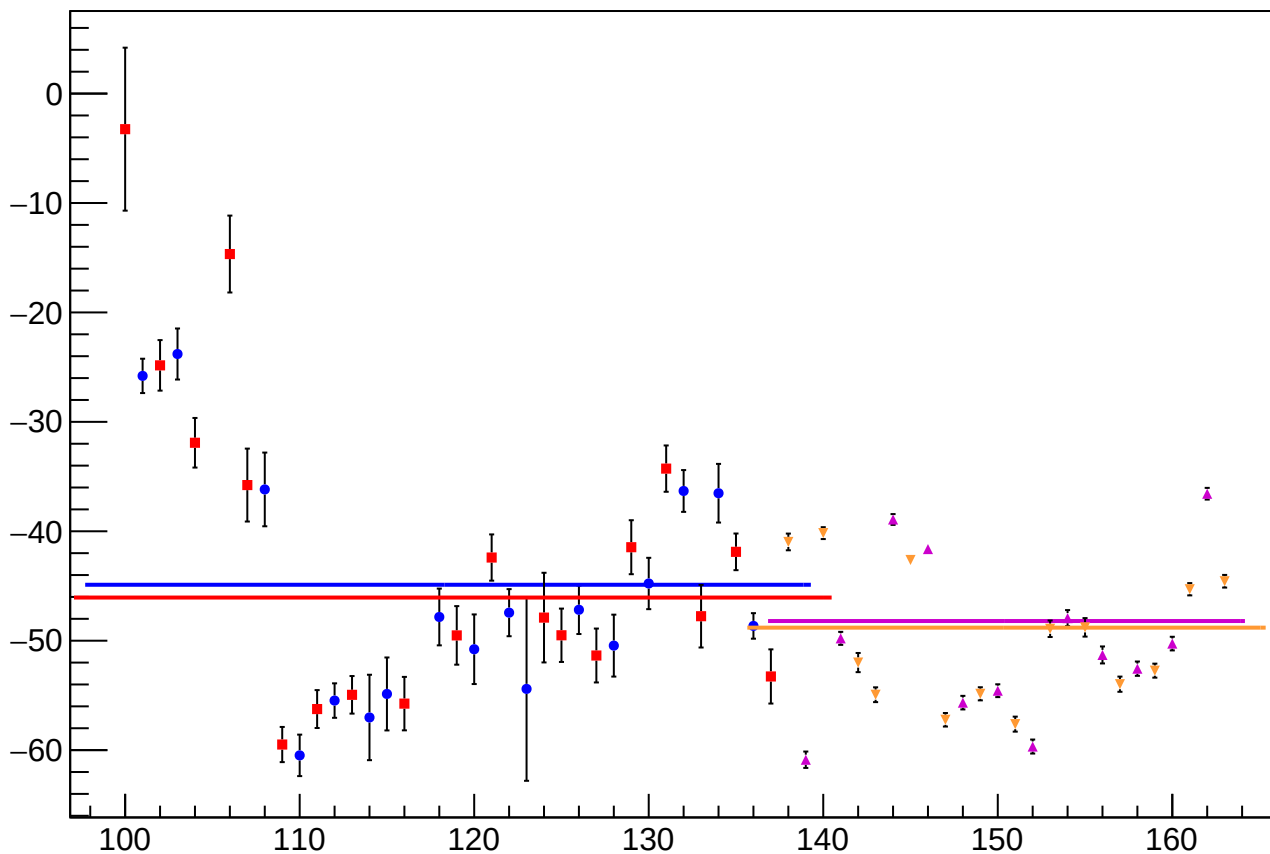
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -0.507 ± 0.111 $\chi^2/\text{NDF}: 889.2/28$

Out: -0.164 ± 0.110 $\chi^2/\text{NDF}: 1169.6/32$

All: -0.334 ± 0.078 $\chi^2/\text{NDF}: 2063.6/61$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -48.807 ± 0.170 χ^2/NDF : 1271.8/13

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -48.202 ± 0.172 χ^2/NDF : 2001.0/11

Left: -48.508 ± 0.121 χ^2/NDF : 3279.1/25

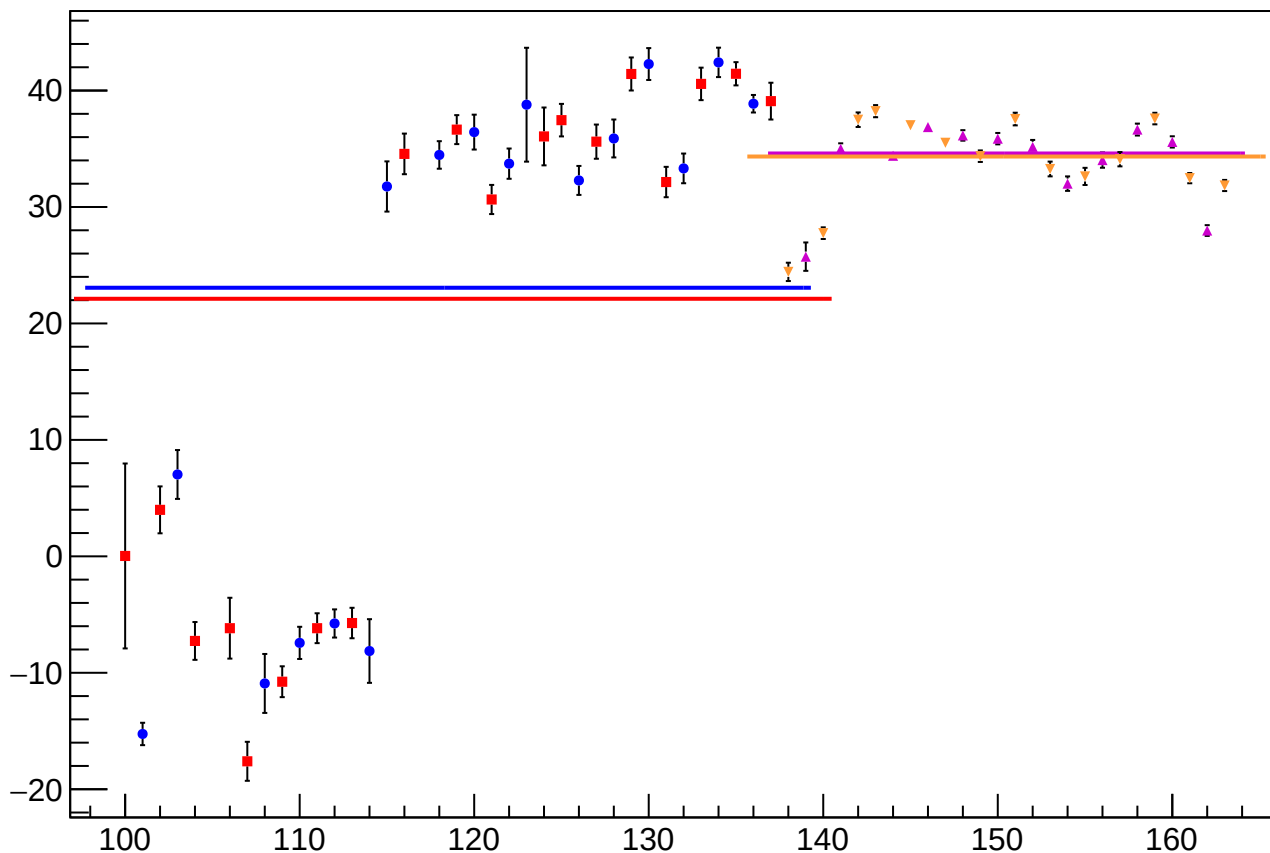
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -47.879 ± 0.163 χ^2/NDF : 2457.6/28

Out: -48.549 ± 0.162 χ^2/NDF : 1750.1/32

All: -48.218 ± 0.115 χ^2/NDF : 4216.3/61

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.335 $\pm$ 0.140 χ^2 /NDF:594.5/13

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 34.595 $\pm$ 0.143 χ^2 /NDF:357.8/11

Left: 34.462 $\pm$ 0.100 χ^2 /NDF: 954.0/25

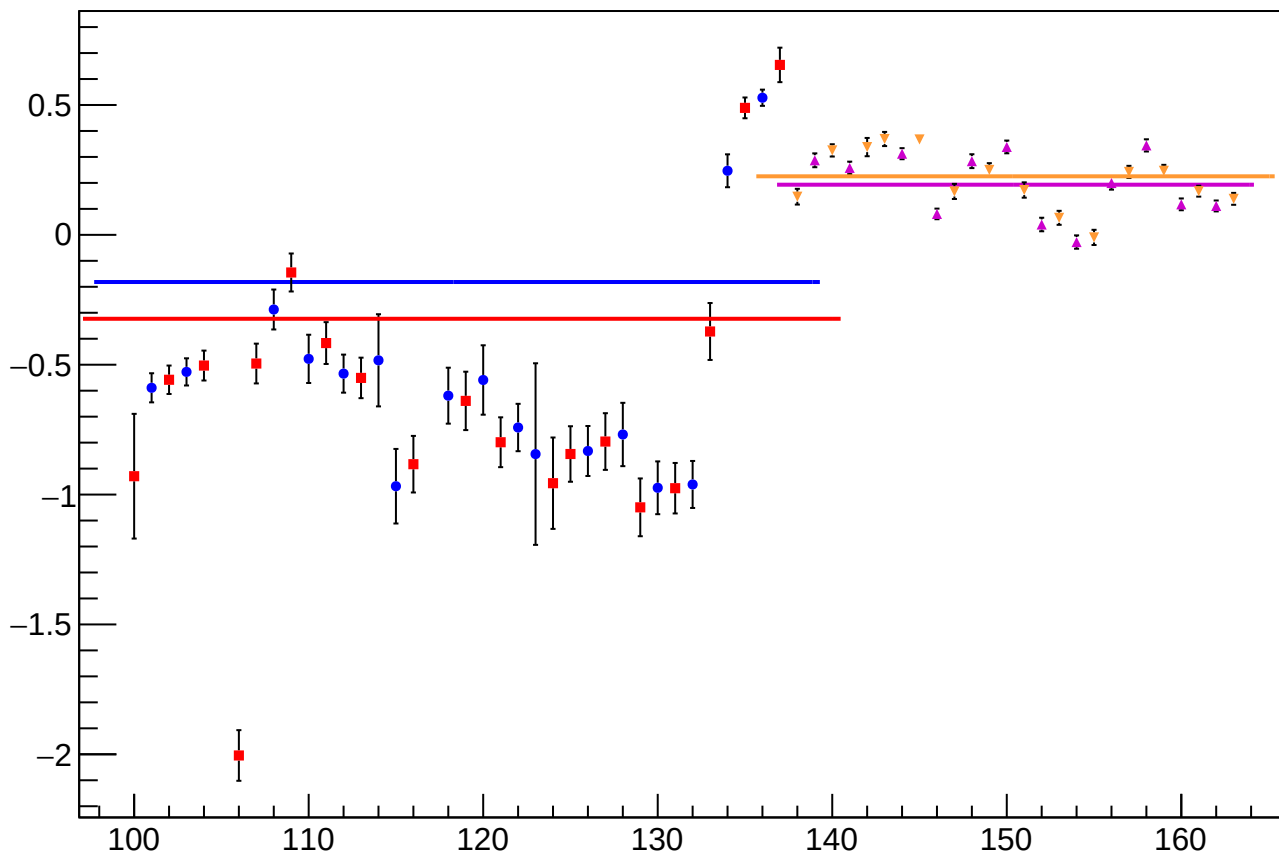
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.748 $\pm$ 0.131 χ^2 /NDF:5738.2/28

Out: 32.566 $\pm$ 0.129 χ^2 /NDF:5733.7/32

All: 32.656 $\pm$ 0.092 χ^2 /NDF: 11472.9/61

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: 0.225+/-0.007 χ^2/NDF :255.3/13

Right Out: -0.323+/-0.018 χ^2/NDF : 1183.9/18

Left In: 0.193+/-0.007 χ^2/NDF :303.9/11

Left: 0.210+/-0.005 χ^2/NDF : 570.6/25

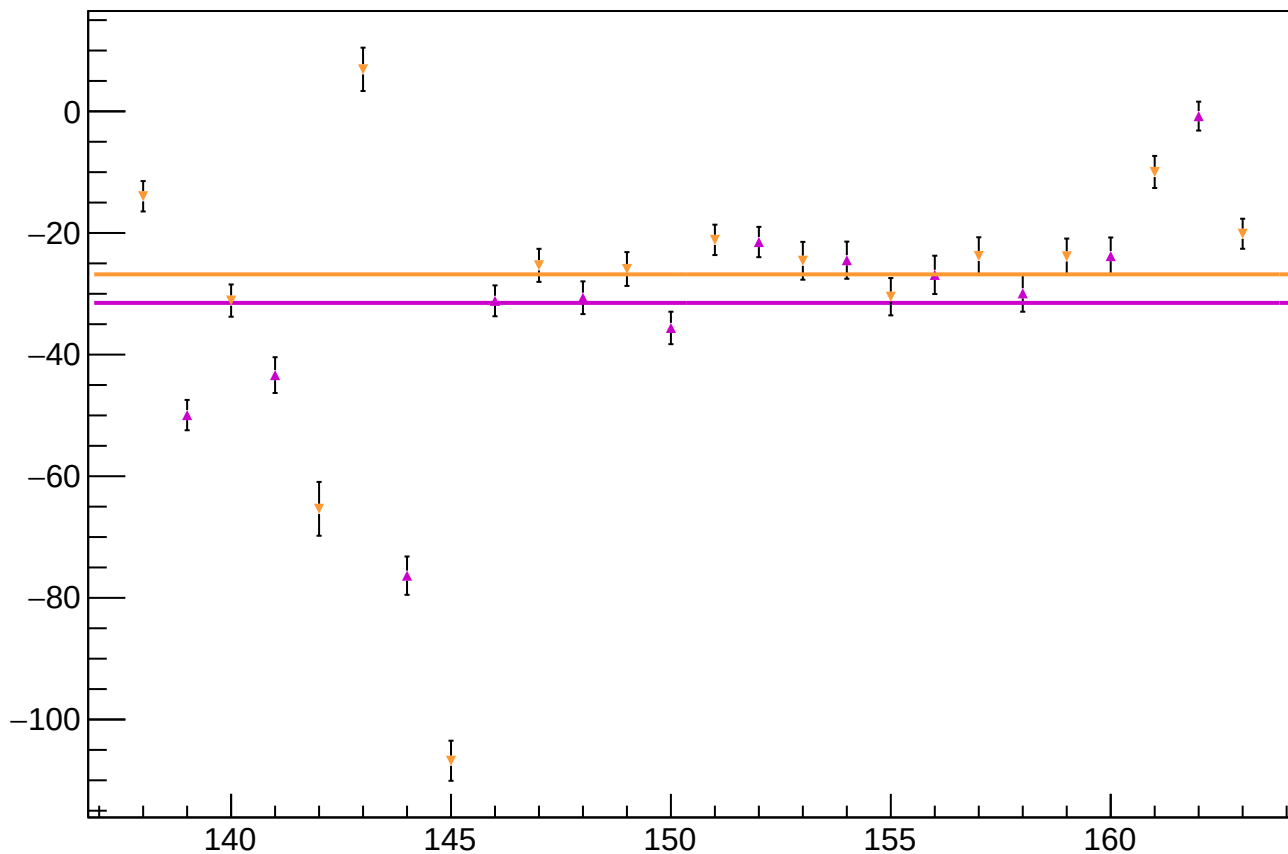
Right: -0.251+/-0.013 χ^2/NDF : 2211.9/35

In: 0.145+/-0.006 χ^2/NDF :1688.9/28

Out: 0.160+/-0.006 χ^2/NDF :2242.4/32

All: 0.152+/-0.004 χ^2/NDF : 3934.2/61

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



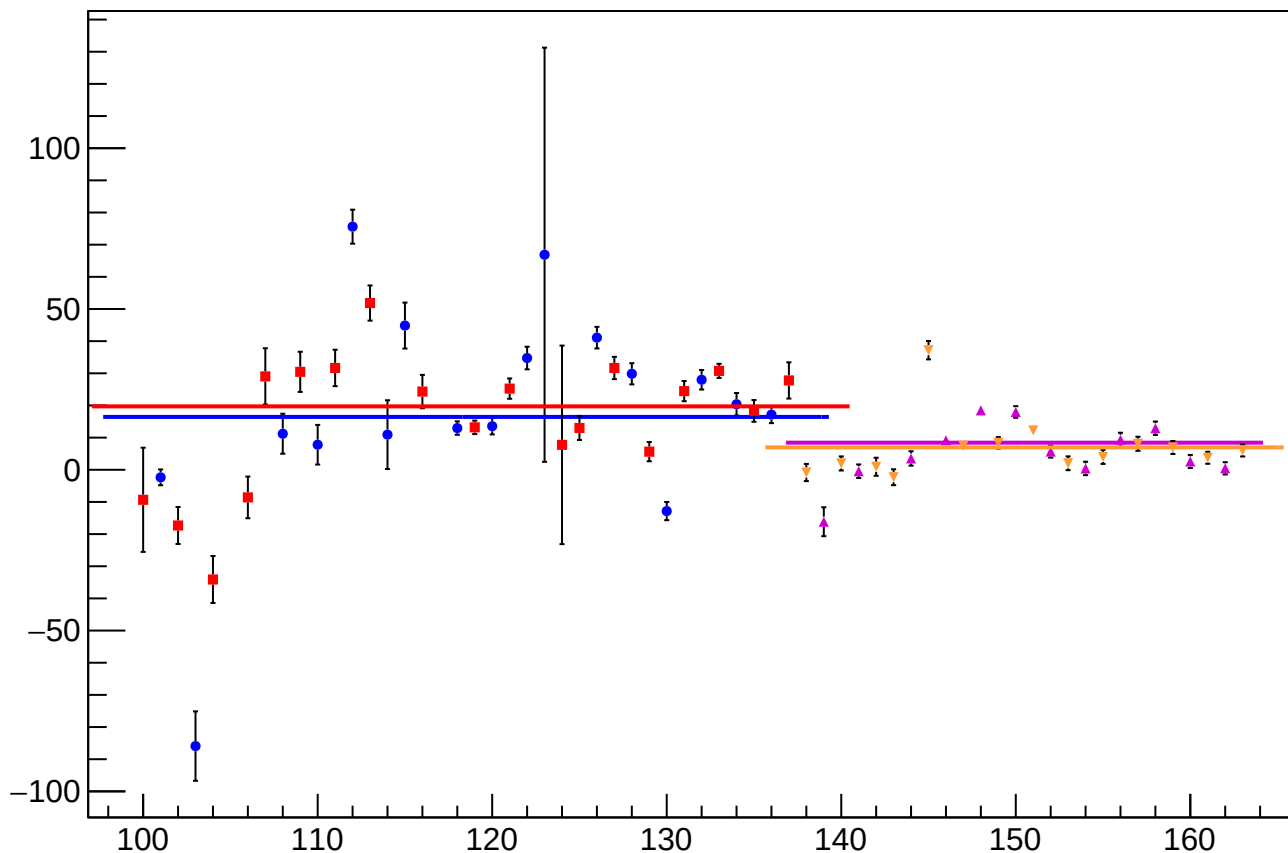
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.803+/-0.770 χ^2/NDF :840.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.495+/-0.797 χ^2/NDF :473.3/11

Left: -29.067+/-0.554 χ^2/NDF : 1331.7/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.495+/-0.797 χ^2/NDF :473.3/11
 Out: -26.803+/-0.770 χ^2/NDF :840.5/13

All: -29.067+/-0.554 χ^2/NDF : 1331.7/25

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: 6.962 $\pm$ 0.525 χ^2 /NDF:169.6/13

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 8.432 $\pm$ 0.552 χ^2 /NDF:187.0/11

Left: 7.660 $\pm$ 0.380 χ^2 /NDF: 360.3/25

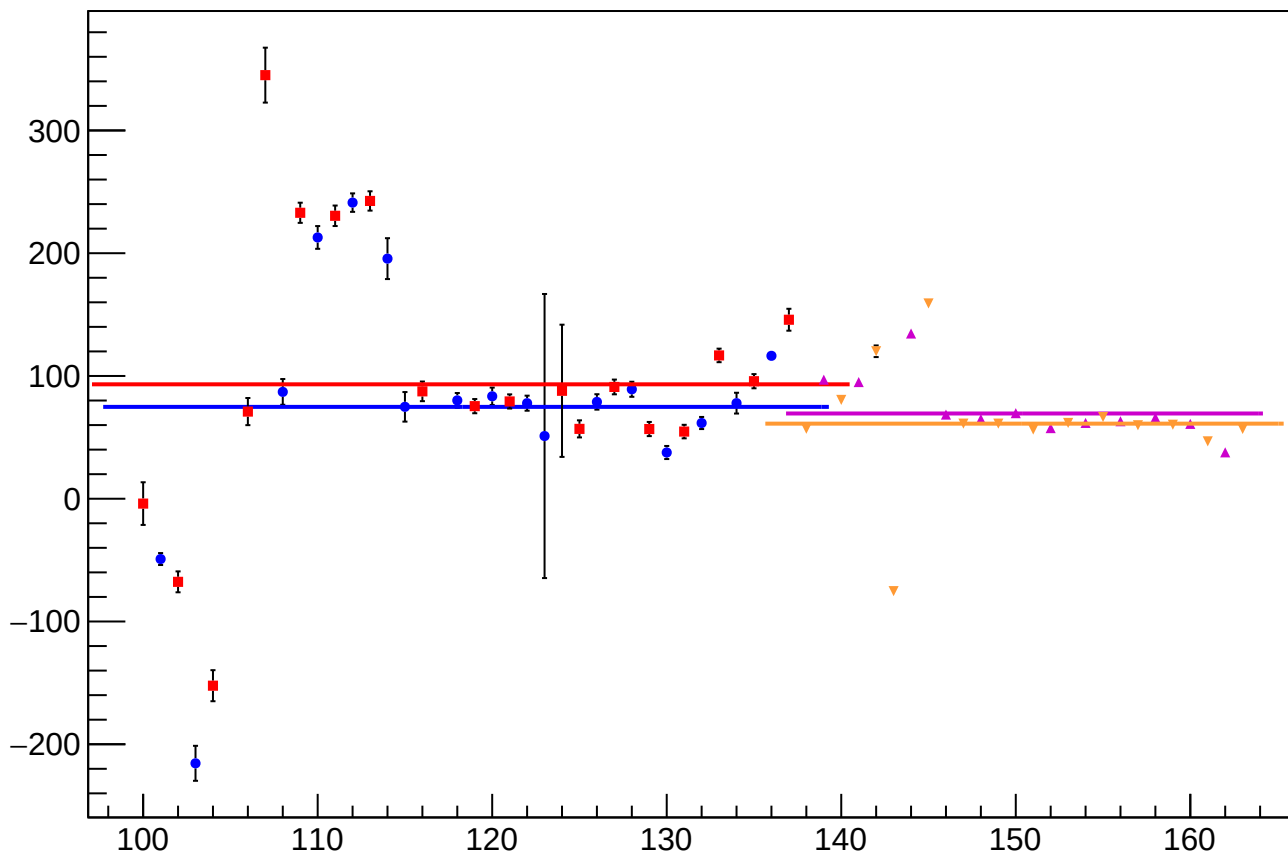
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 10.811 $\pm$ 0.463 χ^2 /NDF:766.6/28

Out: 10.217 $\pm$ 0.453 χ^2 /NDF:561.8/32

All: 10.508 $\pm$ 0.324 χ^2 /NDF: 1329.2/61

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 61.164+/-0.751 χ^2/NDF : 2353.6/13

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 69.439+/-0.773 χ^2/NDF : 786.8/11

Left: 65.184+/-0.539 χ^2/NDF : 3199.4/25

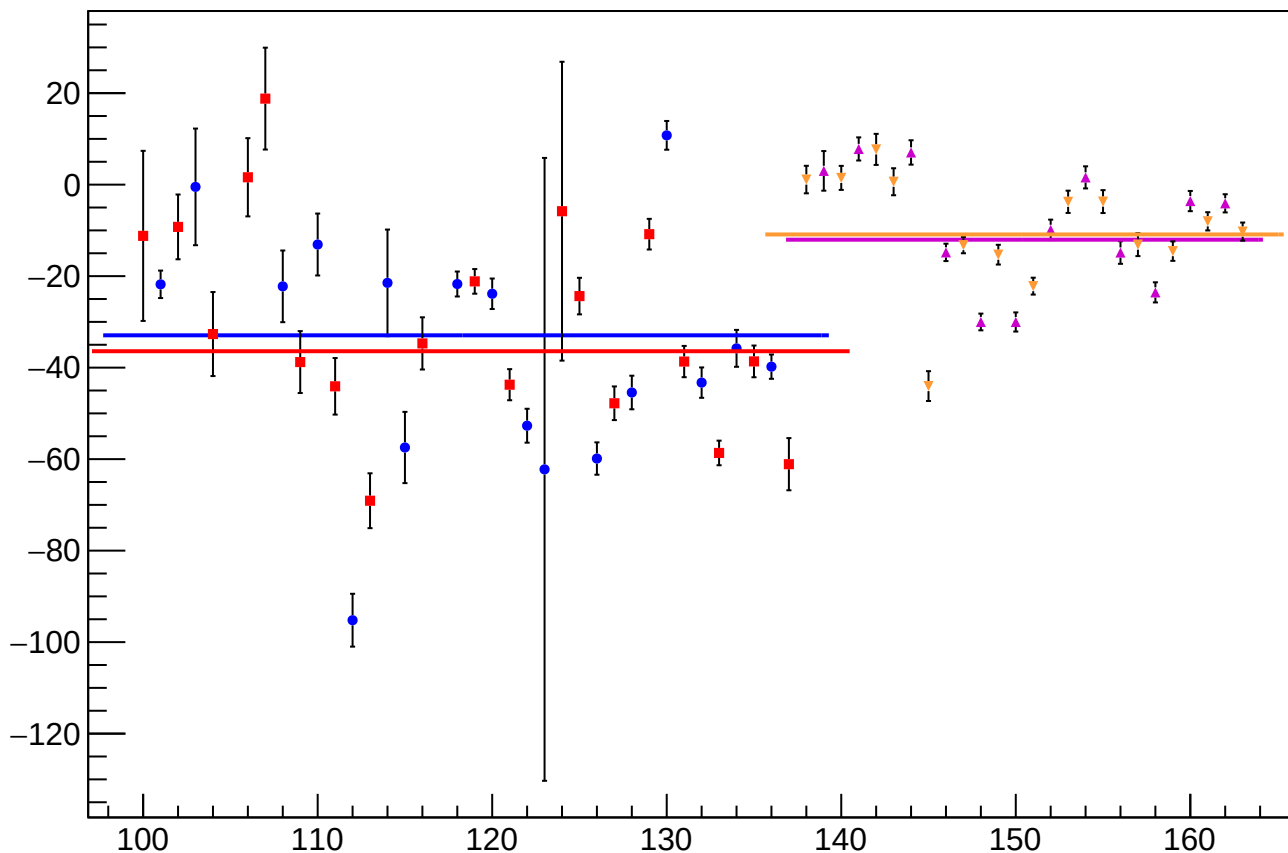
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 70.418+/-0.699 χ^2/NDF : 2792.5/28

Out: 66.337+/-0.688 χ^2/NDF : 4648.1/32

All: 68.345+/-0.490 χ^2/NDF : 7457.9/61

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.887 ± 0.621 χ^2/NDF : 252.9/13

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -12.035 ± 0.651 χ^2/NDF : 389.7/11

Left: -11.434 ± 0.449 χ^2/NDF : 644.2/25

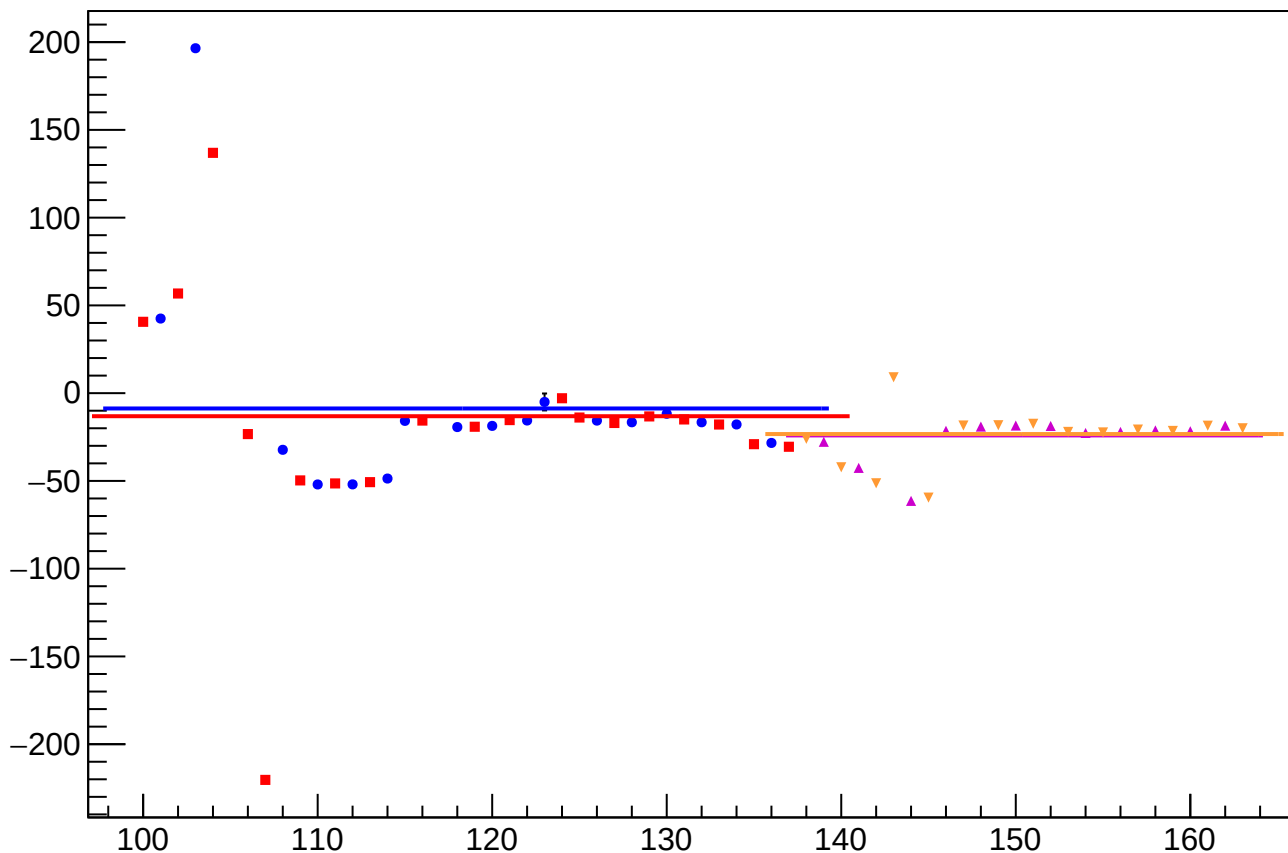
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -18.501 ± 0.541 χ^2/NDF : 1198.9/28

Out: -17.739 ± 0.531 χ^2/NDF : 1001.5/32

All: -18.112 ± 0.379 χ^2/NDF : 2201.4/61

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -23.297 ± 0.029 χ^2/NDF : 174689.2/13

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -24.078 ± 0.030 χ^2/NDF : 101207.1/11

Left: -23.678 ± 0.021 χ^2/NDF : 276242.2/25

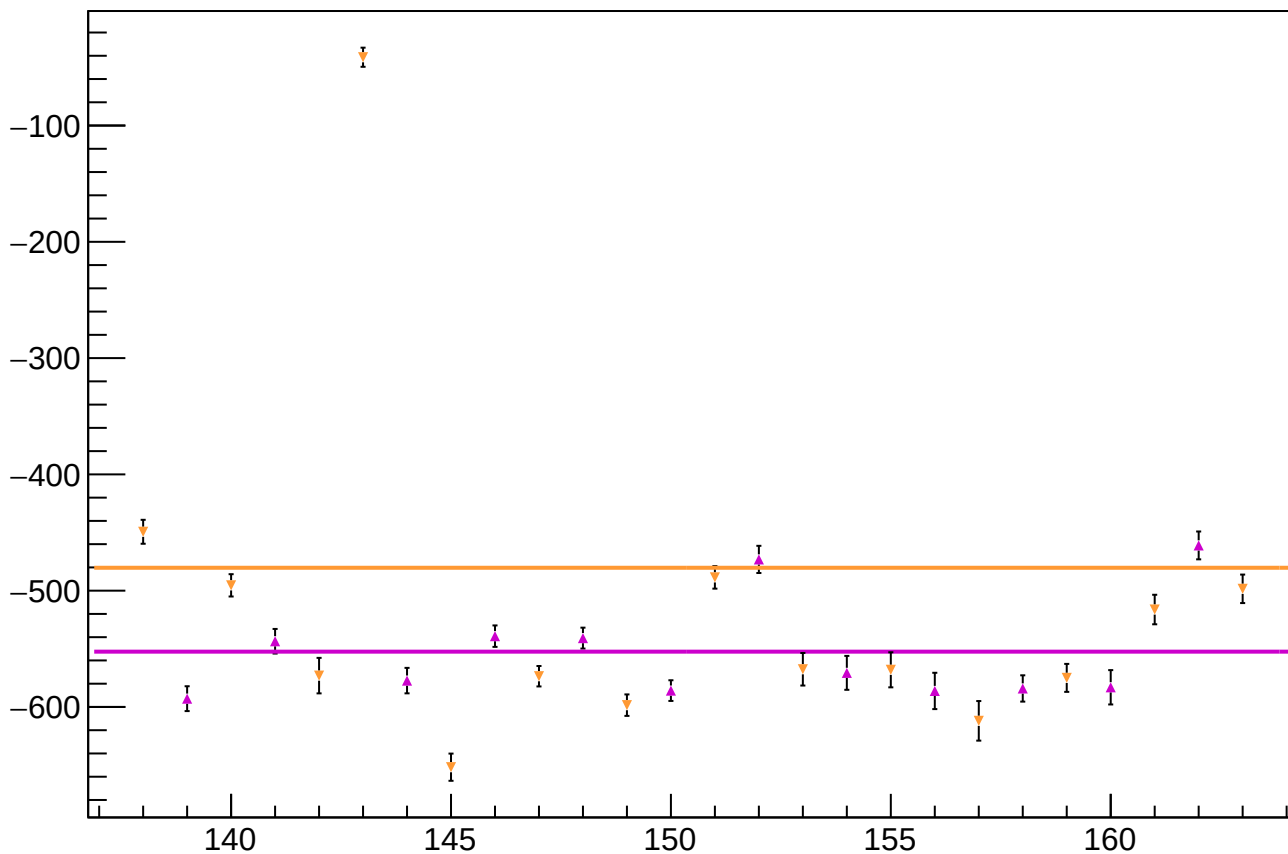
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -20.901 ± 0.027 χ^2/NDF : 731005.1/28

Out: -21.423 ± 0.027 χ^2/NDF : 755399.8/32

All: -21.164 ± 0.019 χ^2/NDF : 1486596.8/61

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -480.303+/-2.952 χ^2/NDF :3594.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.444+/-3.189 χ^2/NDF :160.8/11

Left: -513.591+/-2.166 χ^2/NDF : 4030.8/25

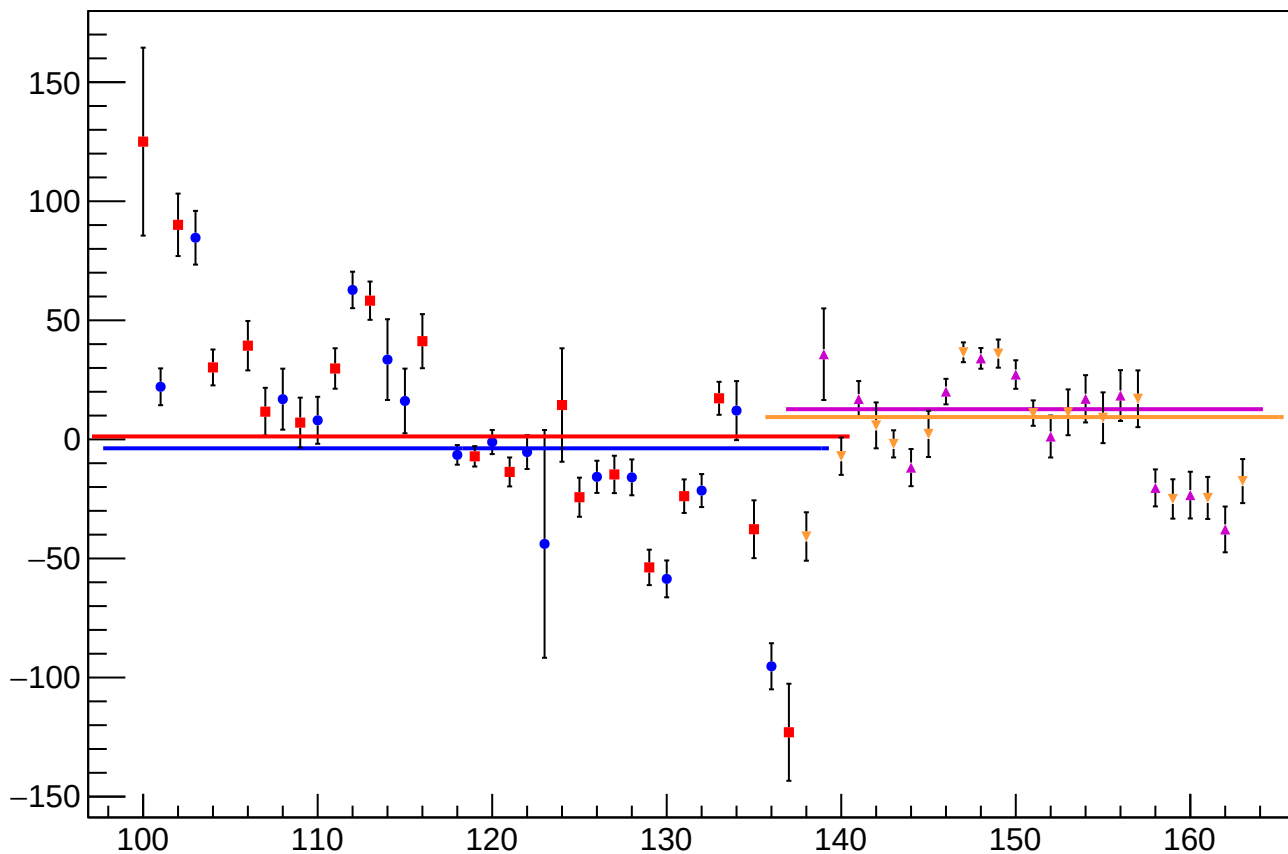
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.444+/-3.189 χ^2/NDF :160.8/11

Out: -480.303+/-2.952 χ^2/NDF :3594.5/13

All: -513.591+/-2.166 χ^2/NDF : 4030.8/25

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 9.376 ± 1.941 χ^2/NDF : 137.4/13

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 12.686 ± 2.124 χ^2/NDF : 104.8/11

Left: 10.883 ± 1.433 χ^2/NDF : 243.5/25

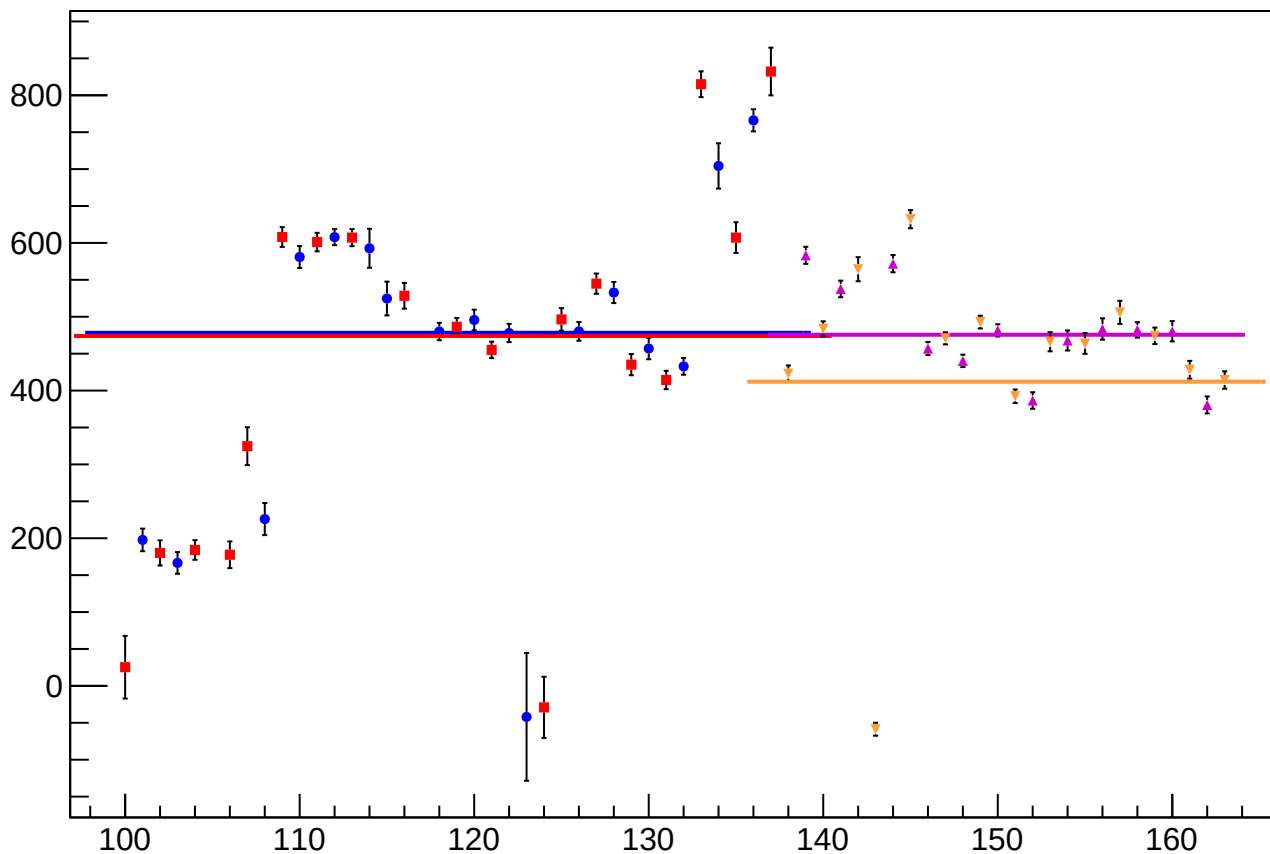
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 3.526 ± 1.413 χ^2/NDF : 452.3/28

Out: 5.254 ± 1.364 χ^2/NDF : 449.8/32

All: 4.421 ± 0.981 χ^2/NDF : 902.9/61

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 412.031+/-2.910 χ^2/NDF : 3578.9/13

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 475.609+/-3.097 χ^2/NDF : 339.7/11

Left: 441.851+/-2.121 χ^2/NDF : 4142.3/25

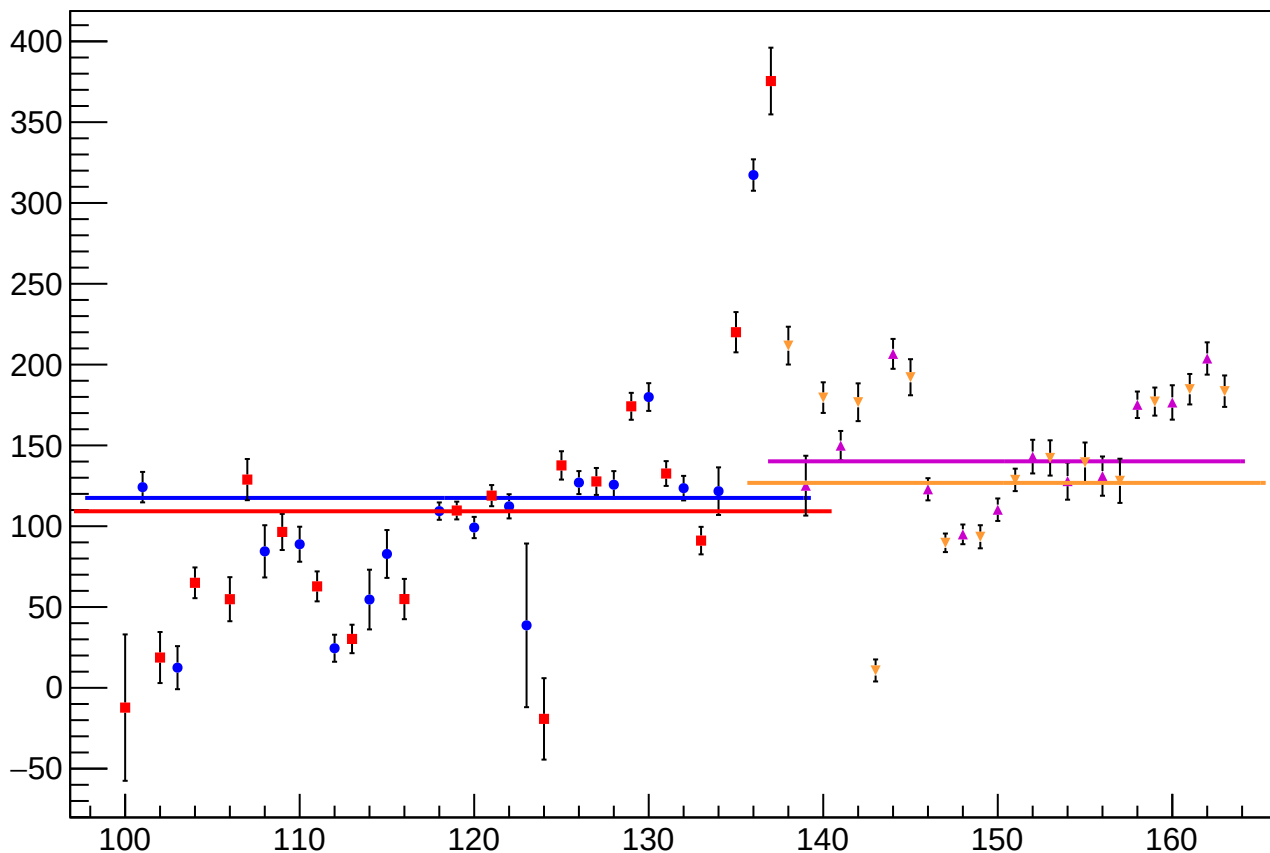
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 476.725+/-2.358 χ^2/NDF : 1967.9/28

Out: 437.107+/-2.245 χ^2/NDF : 6050.6/32

All: 455.946+/-1.626 χ^2/NDF : 8166.5/61

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: 126.810 $\pm$ 2.348 χ^2 /NDF: 598.2/13

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 140.149 $\pm$ 2.557 χ^2 /NDF: 205.6/11

Left: 132.910 $\pm$ 1.729 χ^2 /NDF: 818.6/25

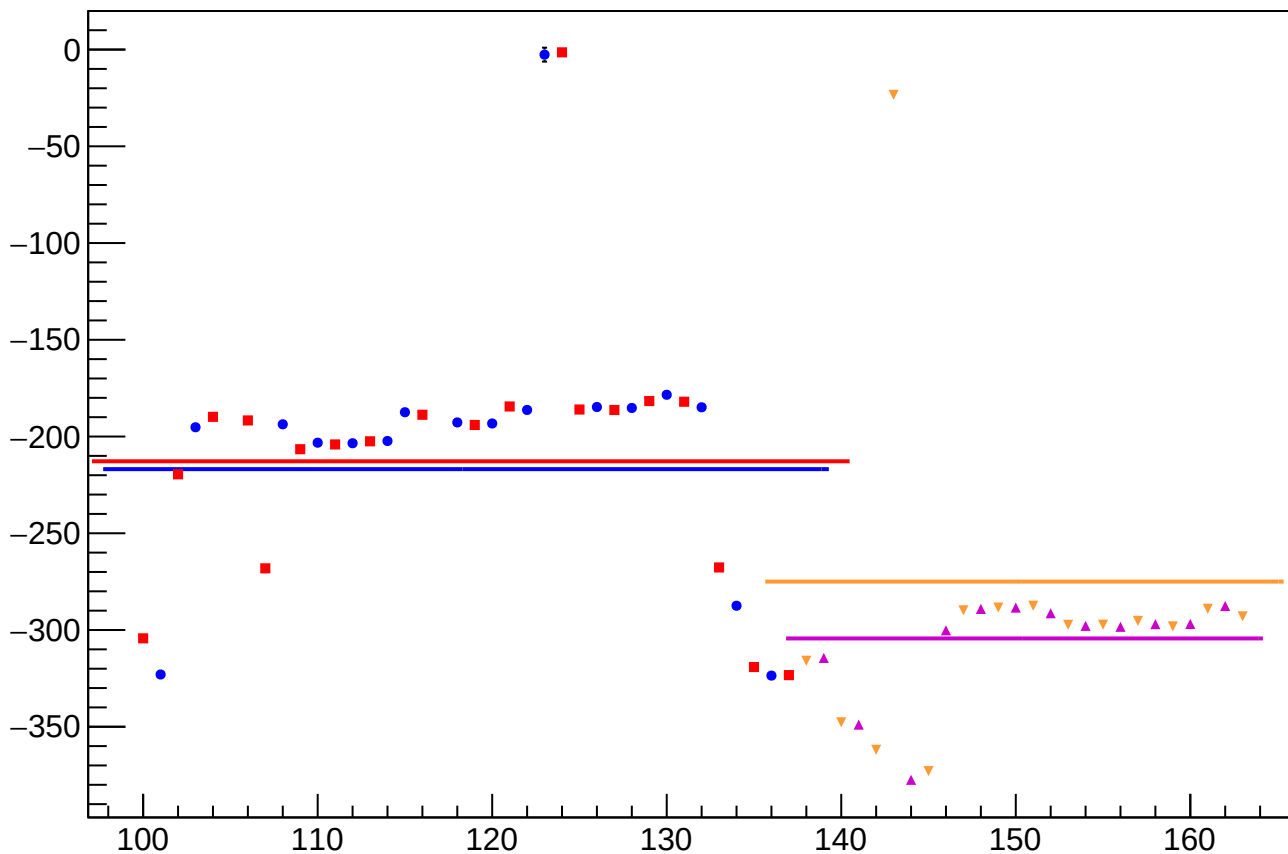
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 127.122 $\pm$ 1.667 χ^2 /NDF: 956.7/28

Out: 117.481 $\pm$ 1.608 χ^2 /NDF: 1197.3/32

All: 122.127 $\pm$ 1.157 χ^2 /NDF: 2171.3/61

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: -274.983 ± 0.117 $\chi^2/\text{NDF}: 618753.8/13$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -304.358 ± 0.123 $\chi^2/\text{NDF}: 37585.3/11$

Left: -288.939 ± 0.085 $\chi^2/\text{NDF}: 686245.8/25$

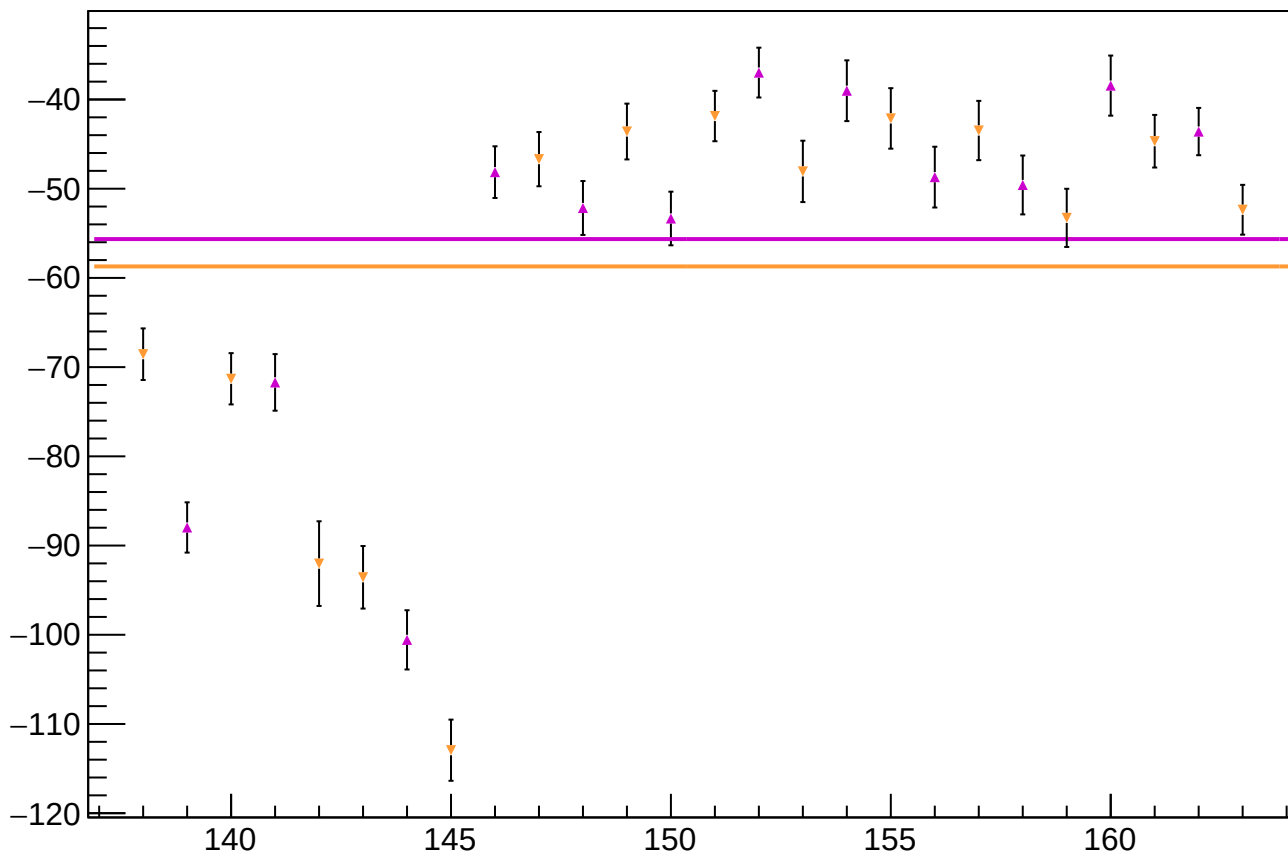
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -264.919 ± 0.091 $\chi^2/\text{NDF}: 412376.5/28$

Out: -247.146 ± 0.087 $\chi^2/\text{NDF}: 861629.6/32$

All: -255.615 ± 0.063 $\chi^2/\text{NDF}: 1293885.0/61$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



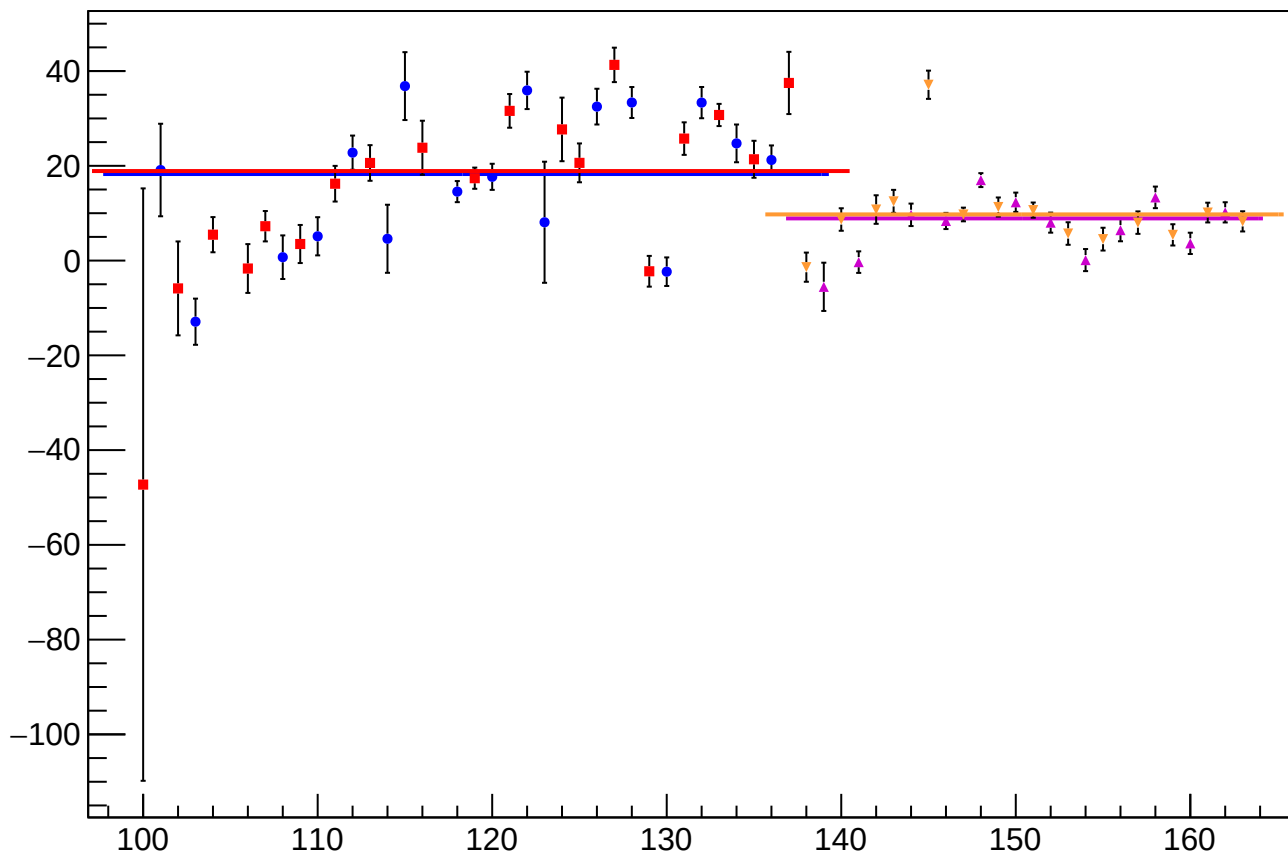
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.713+/-0.849 χ^2/NDF :588.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.647+/-0.884 χ^2/NDF :471.8/11

Left: -57.243+/-0.613 χ^2/NDF : 1066.9/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.647+/-0.884 χ^2/NDF :471.8/11
 Out: -58.713+/-0.849 χ^2/NDF :588.9/13

All: -57.243+/-0.613 χ^2/NDF : 1066.9/25

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.747 ± 0.580 χ^2/NDF : 112.2/13

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.903 ± 0.614 χ^2/NDF : 82.9/11

Left: 9.349 ± 0.422 χ^2/NDF : 196.1/25

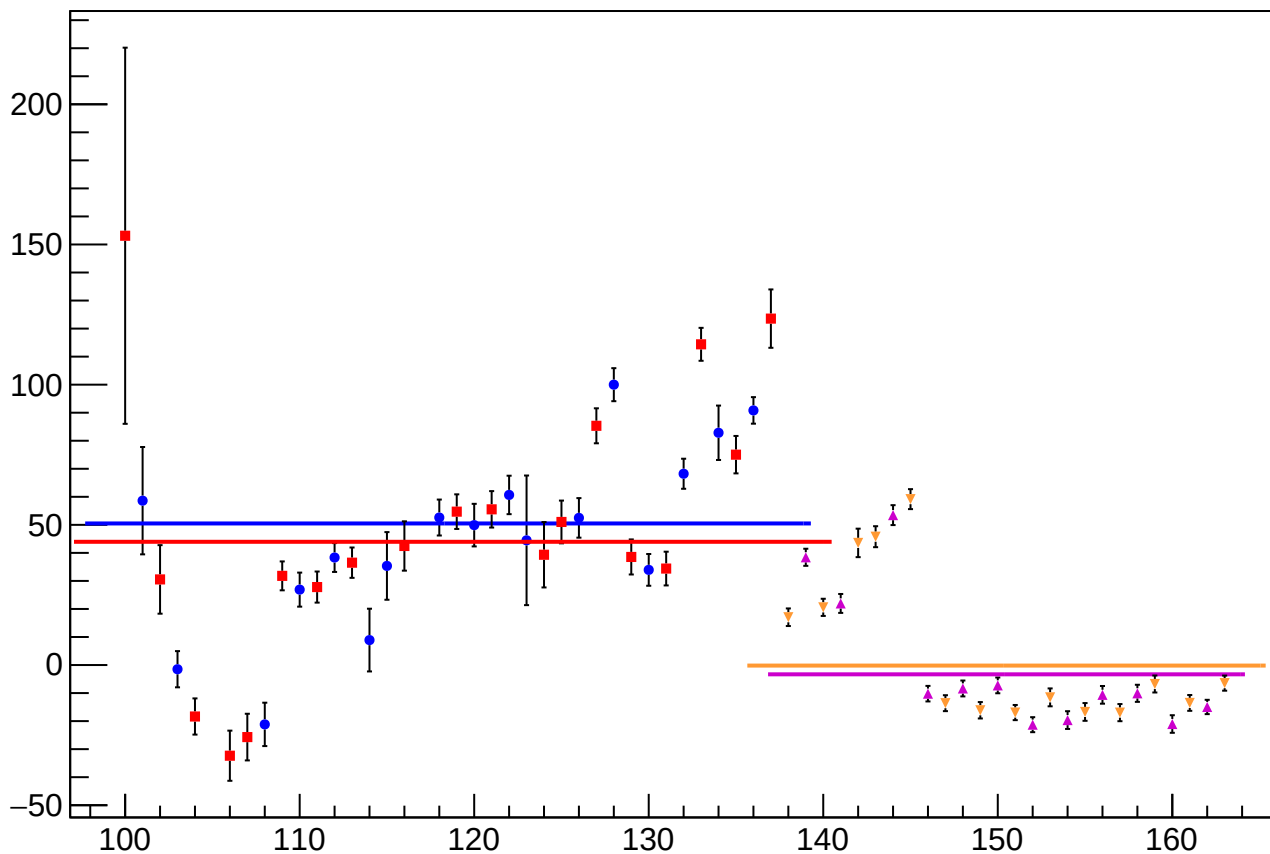
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.845 ± 0.508 χ^2/NDF : 364.4/28

Out: 12.591 ± 0.482 χ^2/NDF : 388.7/32

All: 12.238 ± 0.350 χ^2/NDF : 754.2/61

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: -0.193 ± 0.830 $\chi^2/\text{NDF}: 772.4/13$

Right Out: 43.957 ± 1.603 $\chi^2/\text{NDF}: 534.3/18$

Left In: -3.313 ± 0.858 $\chi^2/\text{NDF}: 645.3/11$

Left: -1.701 ± 0.596 $\chi^2/\text{NDF}: 1424.6/25$

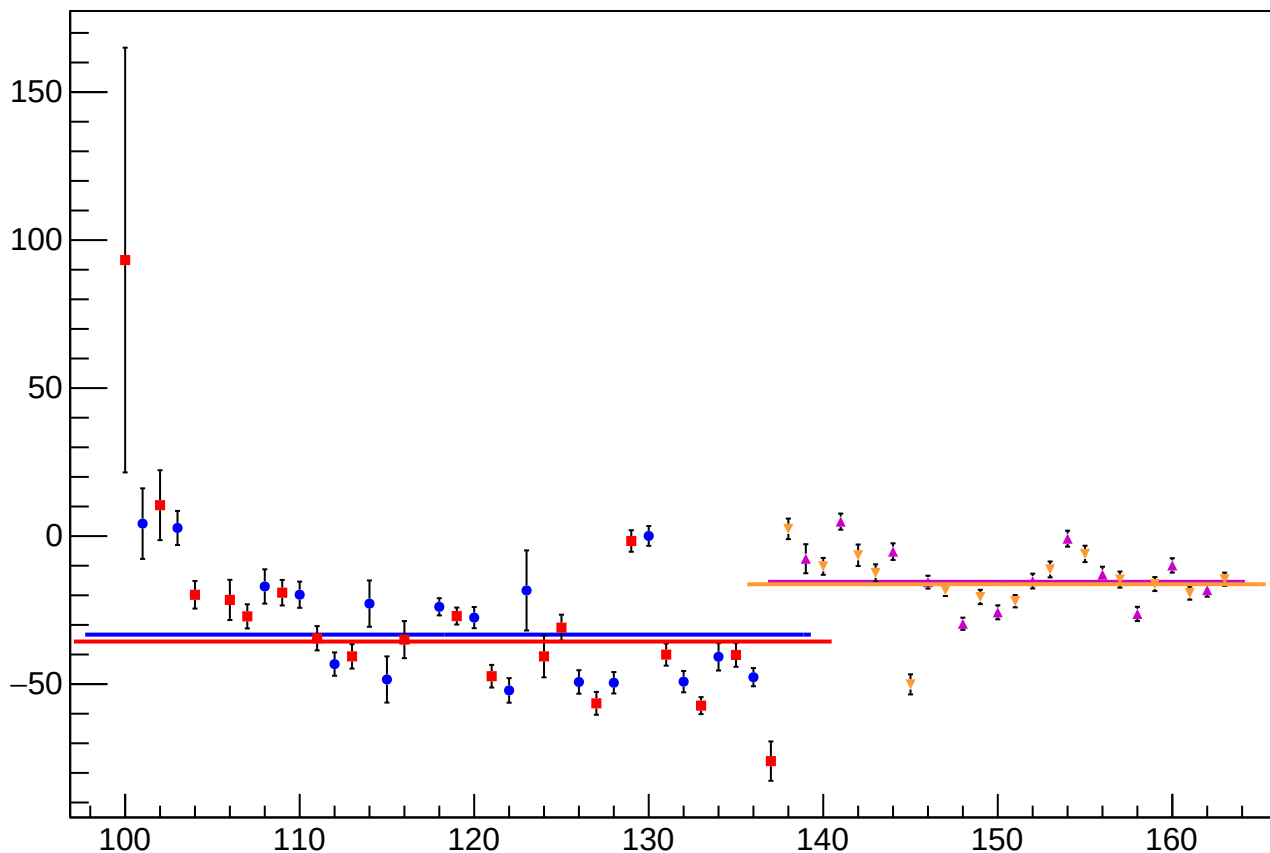
Right: 47.092 ± 1.157 $\chi^2/\text{NDF}: 905.5/35$

In: 7.912 ± 0.763 $\chi^2/\text{NDF}: 1829.3/28$

Out: 9.133 ± 0.737 $\chi^2/\text{NDF}: 1905.0/32$

All: 8.544 ± 0.530 $\chi^2/\text{NDF}: 3735.6/61$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.262 ± 0.686 χ^2/NDF : 173.3/13

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.448 ± 0.723 χ^2/NDF : 195.4/11

Left: -15.877 ± 0.498 χ^2/NDF : 369.3/25

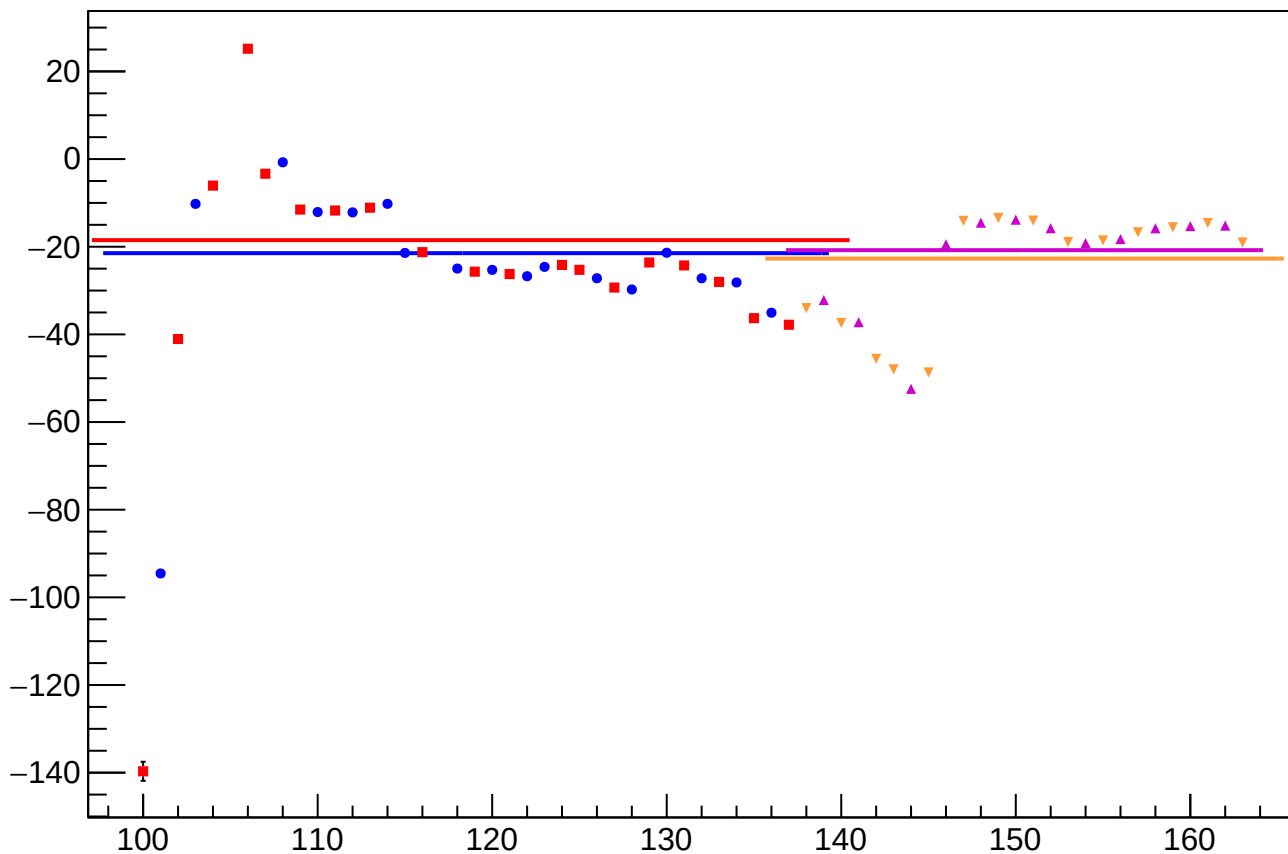
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -21.297 ± 0.593 χ^2/NDF : 687.9/28

Out: -22.518 ± 0.564 χ^2/NDF : 718.4/32

All: -21.937 ± 0.409 χ^2/NDF : 1408.5/61

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: -22.703 ± 0.032 $\chi^2/\text{NDF}: 128216.5/13$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -20.787 ± 0.033 $\chi^2/\text{NDF}: 83946.9/11$

Left: -21.772 ± 0.023 $\chi^2/\text{NDF}: 213861.4/25$

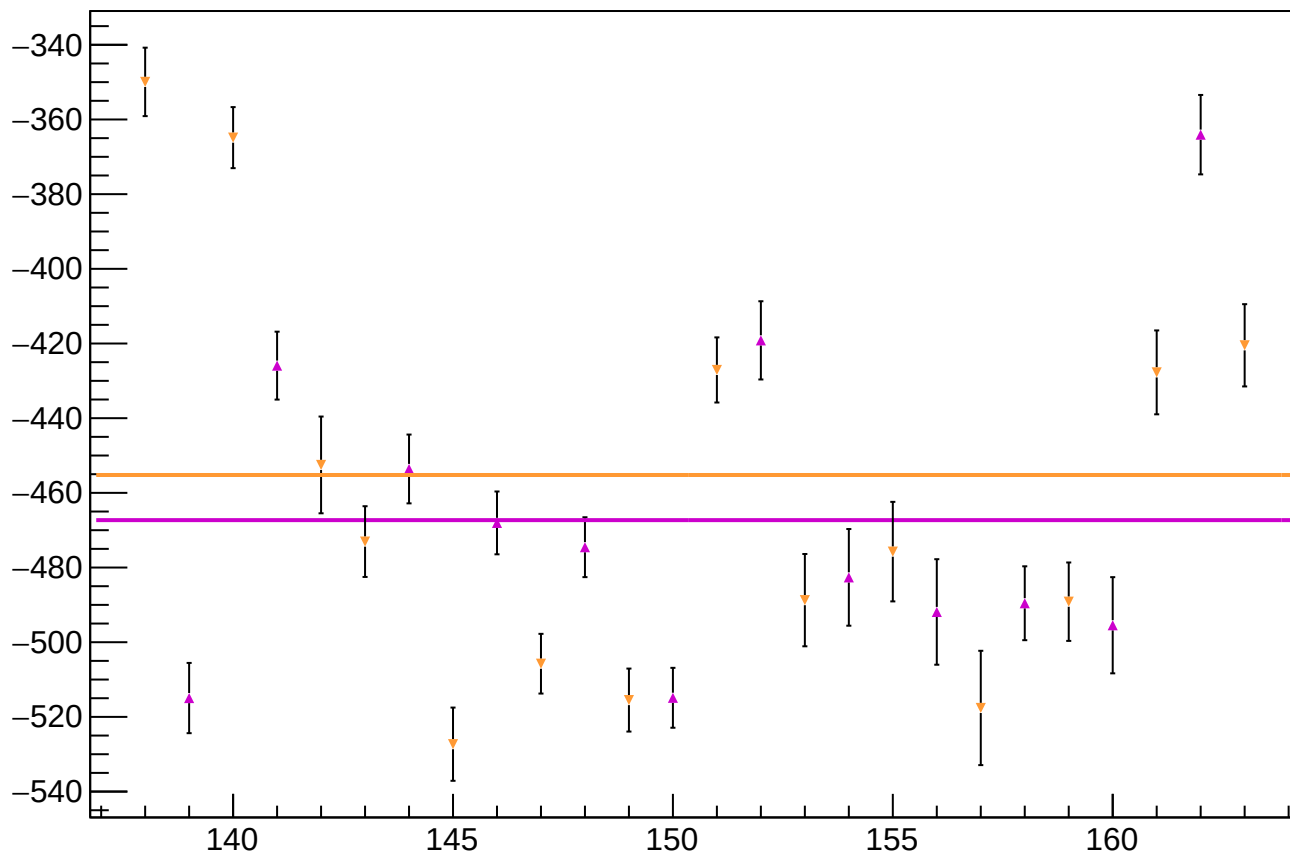
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -20.953 ± 0.029 $\chi^2/\text{NDF}: 133028.5/28$

Out: -21.685 ± 0.028 $\chi^2/\text{NDF}: 212995.0/32$

All: -21.329 ± 0.020 $\chi^2/\text{NDF}: 346350.7/61$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -455.214+/-2.683 χ^2/NDF :465.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -467.303+/-2.822 χ^2/NDF :214.2/11

Left: -460.954+/-1.945 χ^2/NDF : 689.7/25

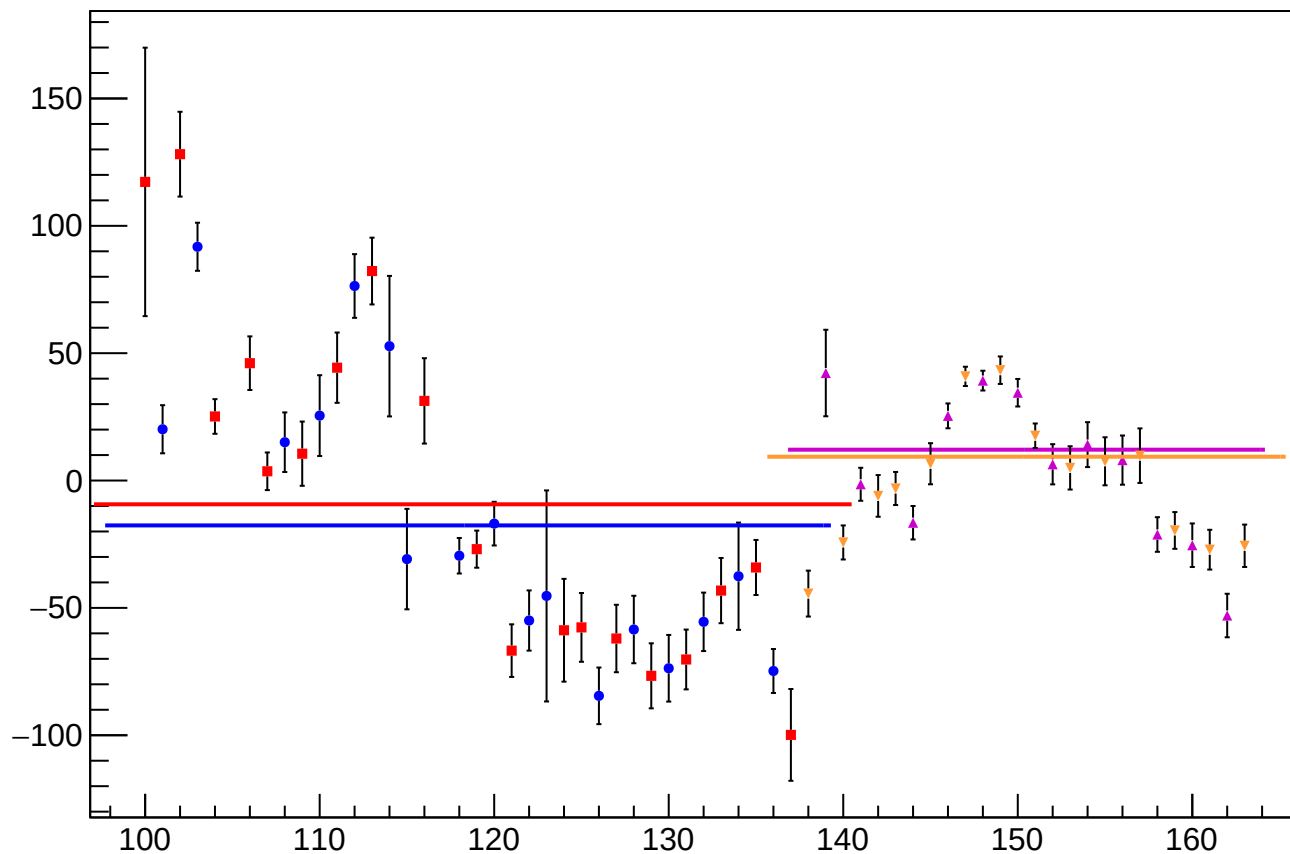
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -467.303+/-2.822 χ^2/NDF :214.2/11

Out: -455.214+/-2.683 χ^2/NDF :465.9/13

All: -460.954+/-1.945 χ^2/NDF : 689.7/25

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: 9.353 ± 1.768 $\chi^2/\text{NDF}: 236.1/13$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 12.114 ± 1.884 $\chi^2/\text{NDF}: 202.0/11$

Left: 10.646 ± 1.289 $\chi^2/\text{NDF}: 439.2/25$

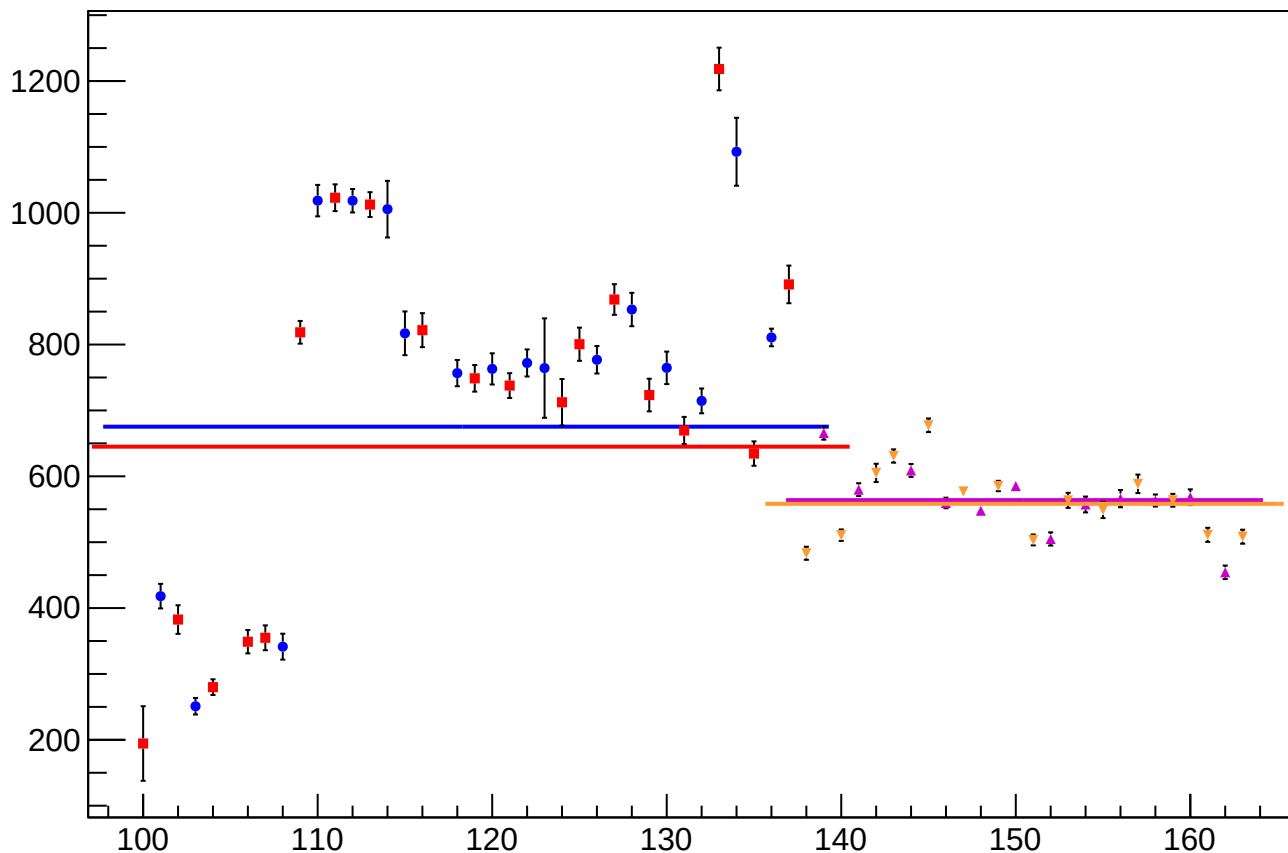
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 2.783 ± 1.561 $\chi^2/\text{NDF}: 642.1/28$

Out: 3.473 ± 1.464 $\chi^2/\text{NDF}: 637.6/32$

All: 3.150 ± 1.068 $\chi^2/\text{NDF}: 1279.9/61$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 558.217 ± 2.640 $\chi^2/\text{NDF}: 391.6/13$

Right Out: 645.022 ± 4.758 $\chi^2/\text{NDF}: 3122.8/18$

Left In: 563.893 ± 2.745 $\chi^2/\text{NDF}: 286.3/11$

Left: 560.945 ± 1.903 $\chi^2/\text{NDF}: 680.1/25$

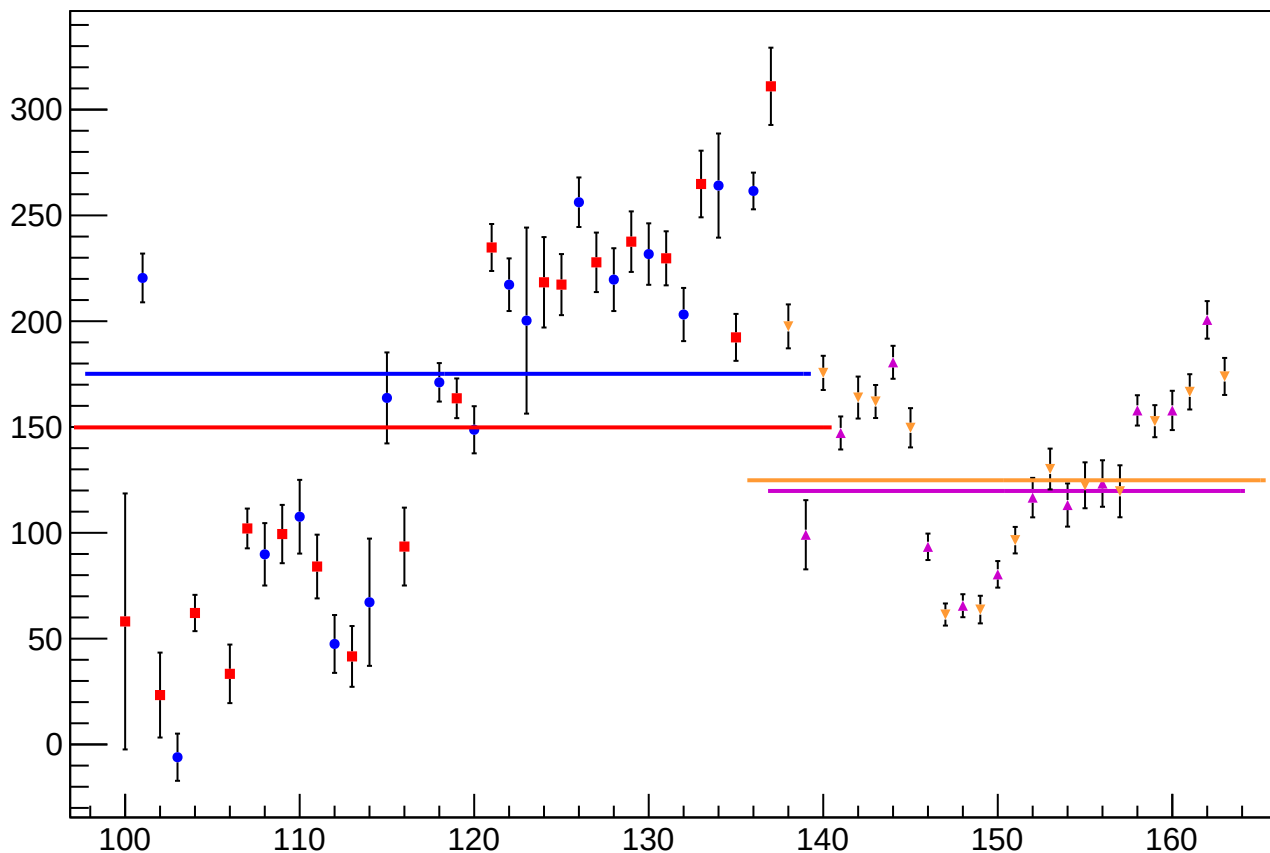
Right: 659.291 ± 3.462 $\chi^2/\text{NDF}: 5724.6/35$

In: 589.337 ± 2.411 $\chi^2/\text{NDF}: 3245.5/28$

Out: 578.656 ± 2.309 $\chi^2/\text{NDF}: 3768.8/32$

All: 583.765 ± 1.667 $\chi^2/\text{NDF}: 7024.6/61$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 124.832 $\pm$ 2.136 χ^2 /NDF:460.1/13

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 119.783 $\pm$ 2.266 χ^2 /NDF:360.4/11

Left: 122.457 $\pm$ 1.555 χ^2 /NDF: 823.1/25

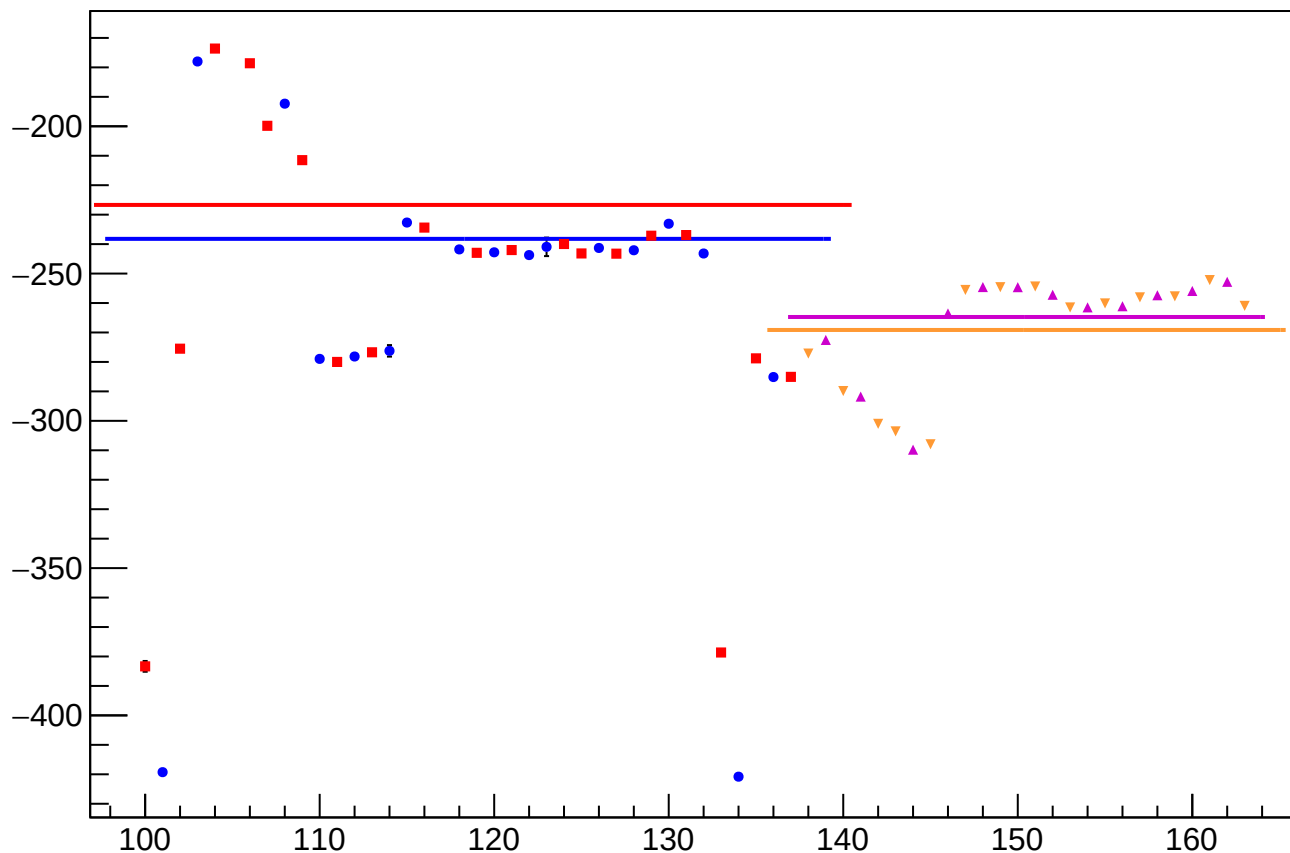
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 138.206 $\pm$ 1.851 χ^2 /NDF:1194.5/28

Out: 133.088 $\pm$ 1.748 χ^2 /NDF:1193.8/32

All: 135.500 $\pm$ 1.271 χ^2 /NDF: 2392.4/61

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -269.148+/-0.106 χ^2/NDF : 32390.8/13

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -264.740+/-0.109 χ^2/NDF : 20455.2/11

Left: -267.003+/-0.076 χ^2/NDF : 53685.4/25

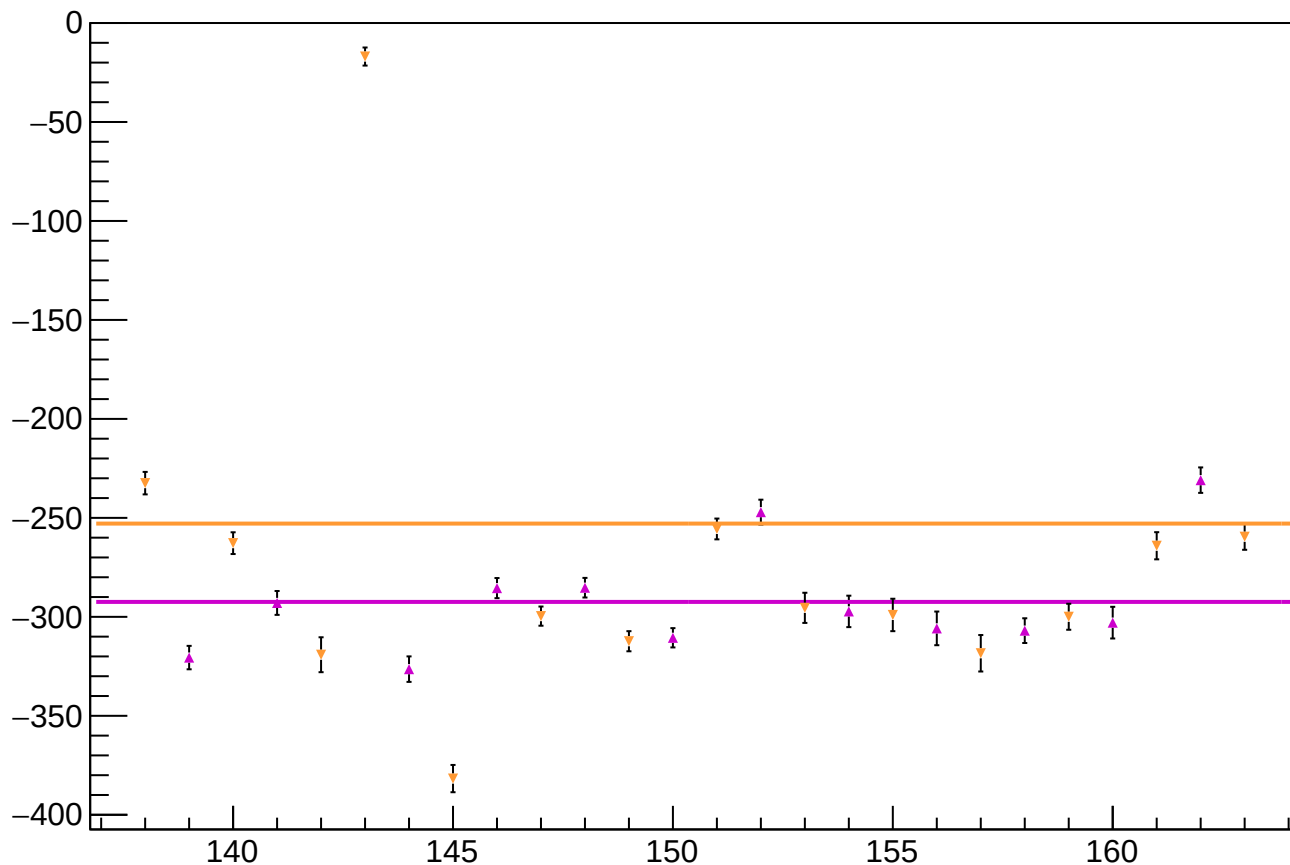
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.335+/-0.090 χ^2/NDF : 206309.9/28

Out: -255.115+/-0.087 χ^2/NDF : 188080.1/32

All: -255.703+/-0.063 χ^2/NDF : 394484.9/61

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: -252.887+/-1.633 χ^2/NDF :3495.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -292.456+/-1.762 χ^2/NDF :221.7/11

Left: -271.169+/-1.198 χ^2/NDF : 3987.9/25

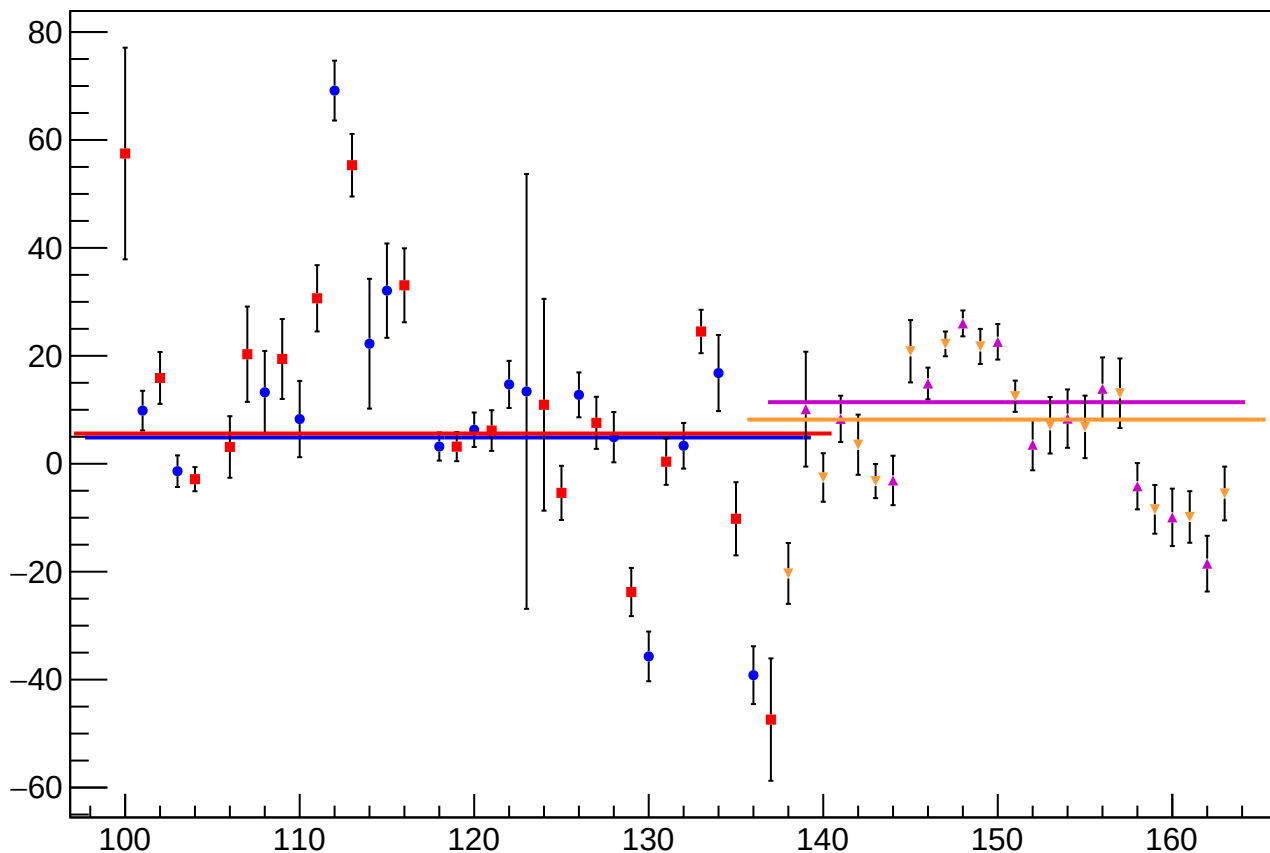
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -292.456+/-1.762 χ^2/NDF :221.7/11

Out: -252.887+/-1.633 χ^2/NDF :3495.0/13

All: -271.169+/-1.198 χ^2/NDF : 3987.9/25

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 8.189 ± 1.072 $\chi^2/\text{NDF}: 142.7/13$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 11.407 ± 1.172 $\chi^2/\text{NDF}: 126.6/11$

Left: 9.655 ± 0.791 $\chi^2/\text{NDF}: 273.4/25$

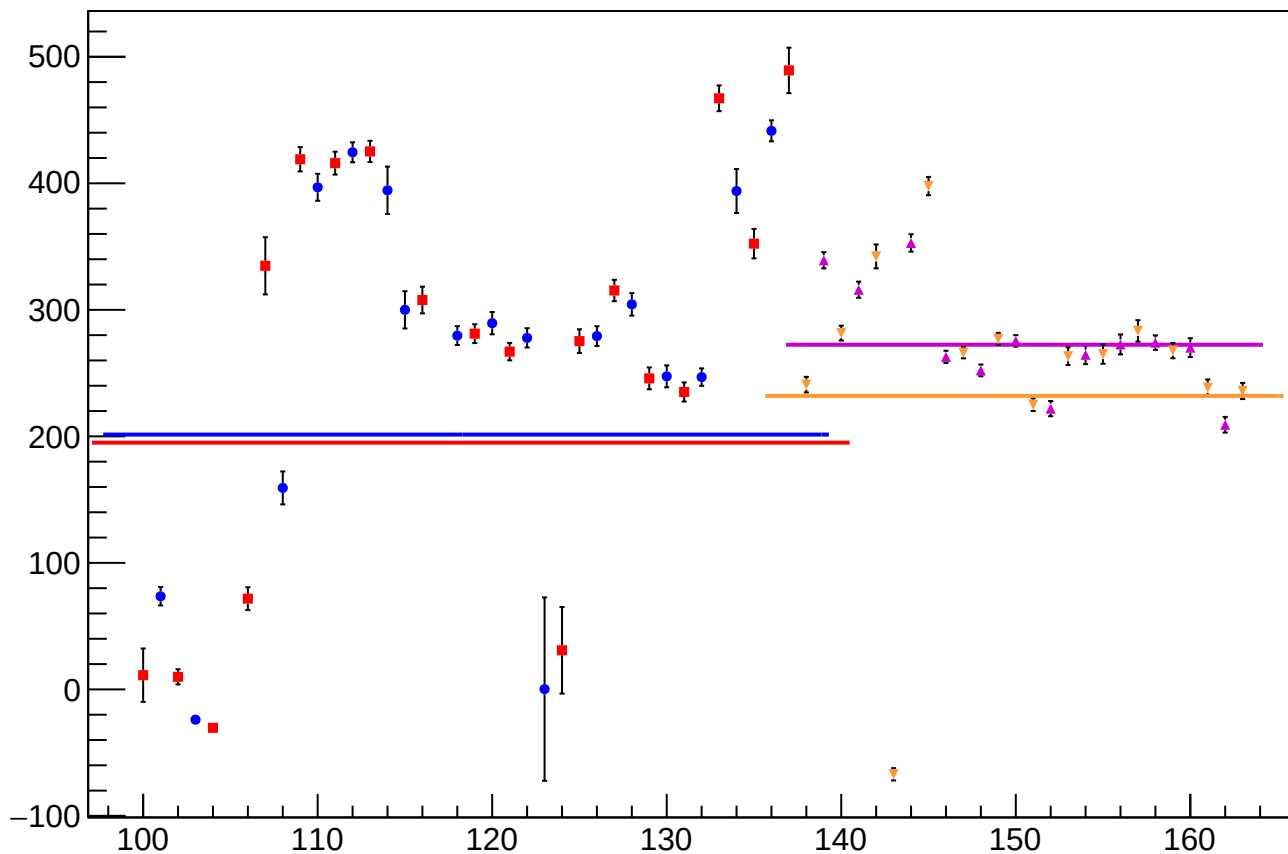
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 7.904 ± 0.798 $\chi^2/\text{NDF}: 454.8/28$

Out: 6.894 ± 0.757 $\chi^2/\text{NDF}: 384.2/32$

All: 7.372 ± 0.549 $\chi^2/\text{NDF}: 839.9/61$

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: 231.979 $\pm$ 1.607 χ^2 /NDF: 4774.5/13

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 272.426 $\pm$ 1.708 χ^2 /NDF: 490.3/11

Left: 250.970 $\pm$ 1.170 χ^2 /NDF: 5562.4/25

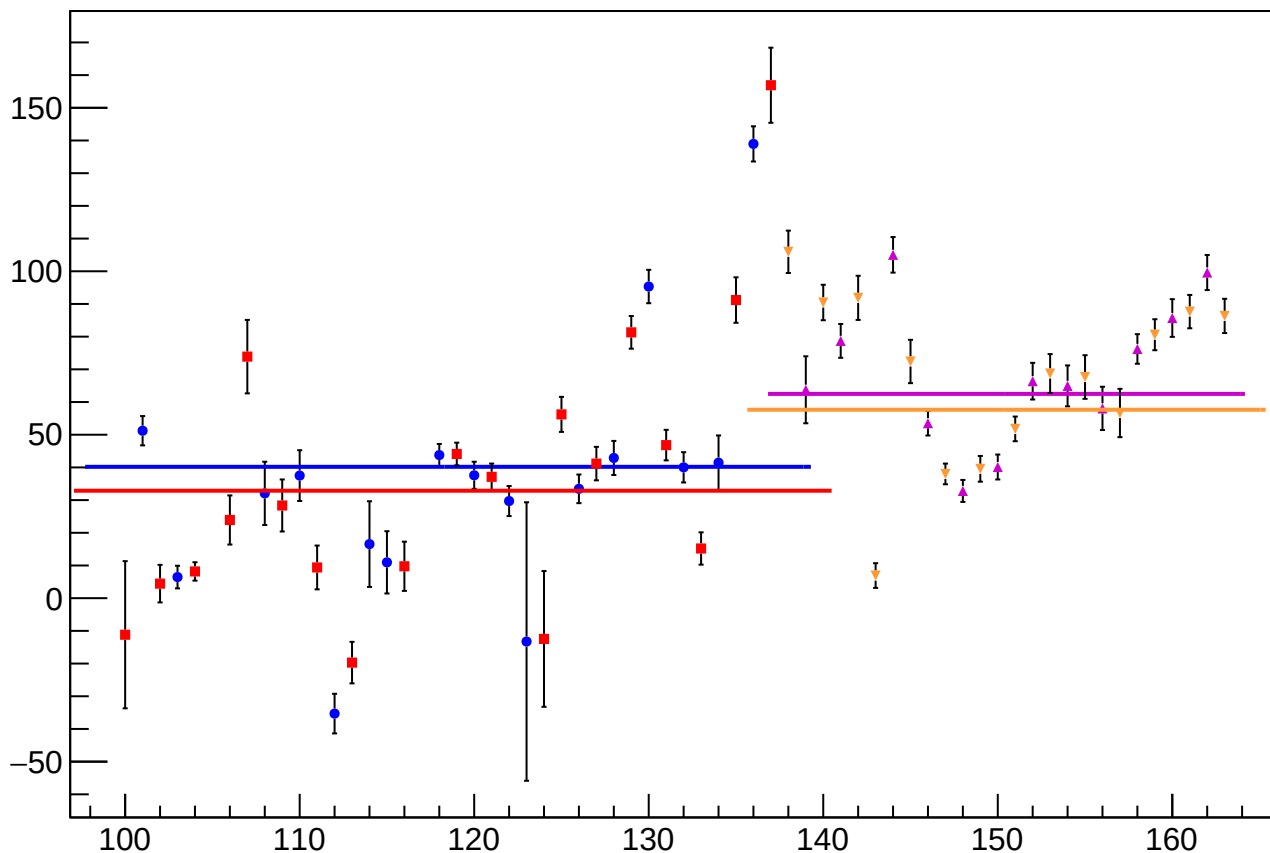
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 242.020 $\pm$ 1.291 χ^2 /NDF: 7971.2/28

Out: 216.789 $\pm$ 1.233 χ^2 /NDF: 13246.7/32

All: 228.821 $\pm$ 0.892 χ^2 /NDF: 21417.6/61

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 57.643+/-1.296 χ^2/NDF : 458.7/13

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 62.486+/-1.411 χ^2/NDF : 263.6/11

Left: 59.858+/-0.954 χ^2/NDF : 728.6/25

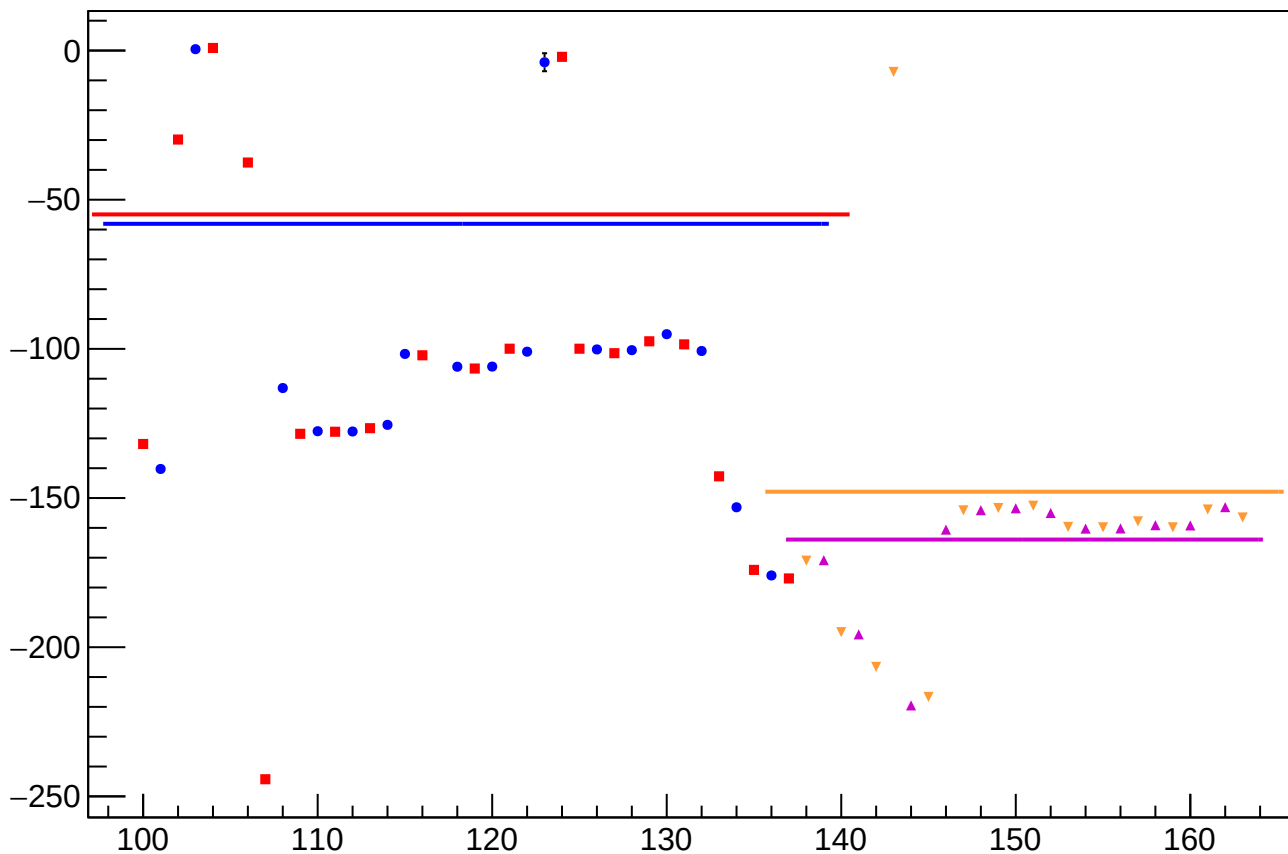
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 50.165+/-0.944 χ^2/NDF : 1135.6/28

Out: 44.822+/-0.900 χ^2/NDF : 1198.8/32

All: 47.366+/-0.651 χ^2/NDF : 2351.3/61

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: -147.882 ± 0.065 $\chi^2/\text{NDF}: 656135.7/13$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -163.922 ± 0.068 $\chi^2/\text{NDF}: 60043.6/11$

Left: -155.510 ± 0.047 $\chi^2/\text{NDF}: 745550.3/25$

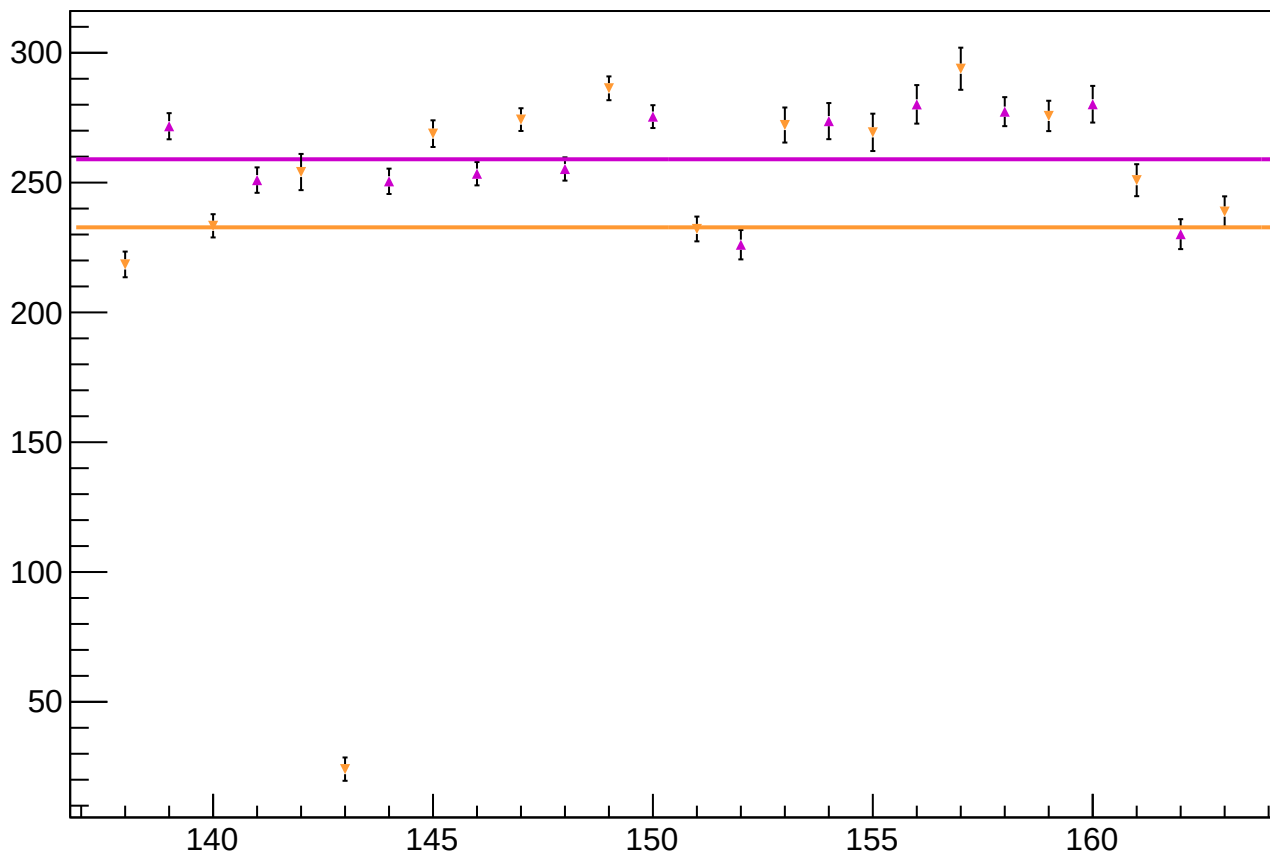
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -105.976 ± 0.046 $\chi^2/\text{NDF}: 2499674.1/28$

Out: -98.175 ± 0.044 $\chi^2/\text{NDF}: 2769184.5/32$

All: -101.939 ± 0.032 $\chi^2/\text{NDF}: 5284008.9/61$

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: 232.771+/-1.438 χ^2/NDF :2632.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 258.986+/-1.531 χ^2/NDF :119.6/11

Left: 245.056+/-1.048 χ^2/NDF : 2907.9/25

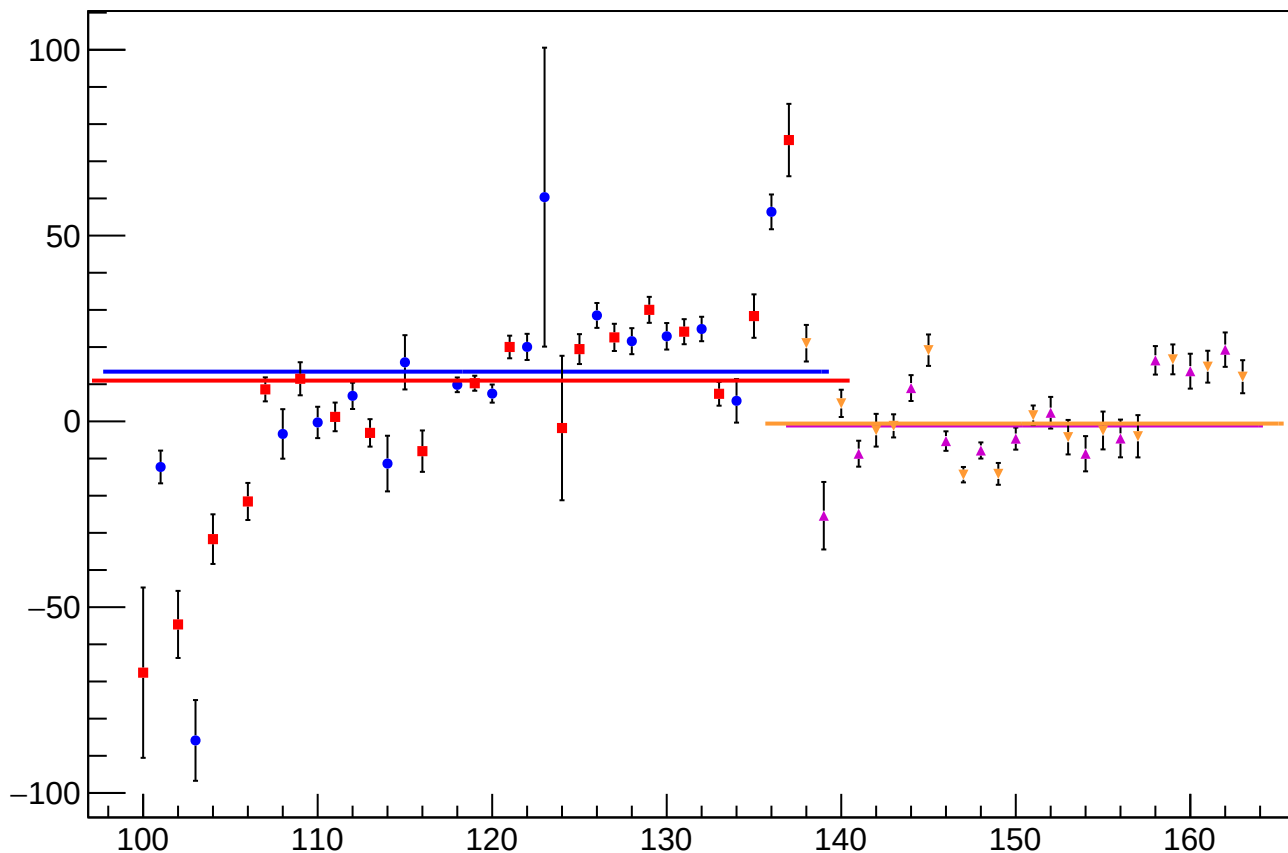
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.986+/-1.531 χ^2/NDF :119.6/11

Out: 232.771+/-1.438 χ^2/NDF :2632.6/13

All: 245.056+/-1.048 χ^2/NDF : 2907.9/25

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -0.591 ± 0.953 $\chi^2/\text{NDF}: 149.7/13$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -1.107 ± 1.028 $\chi^2/\text{NDF}: 87.5/11$

Left: -0.829 ± 0.699 $\chi^2/\text{NDF}: 237.4/25$

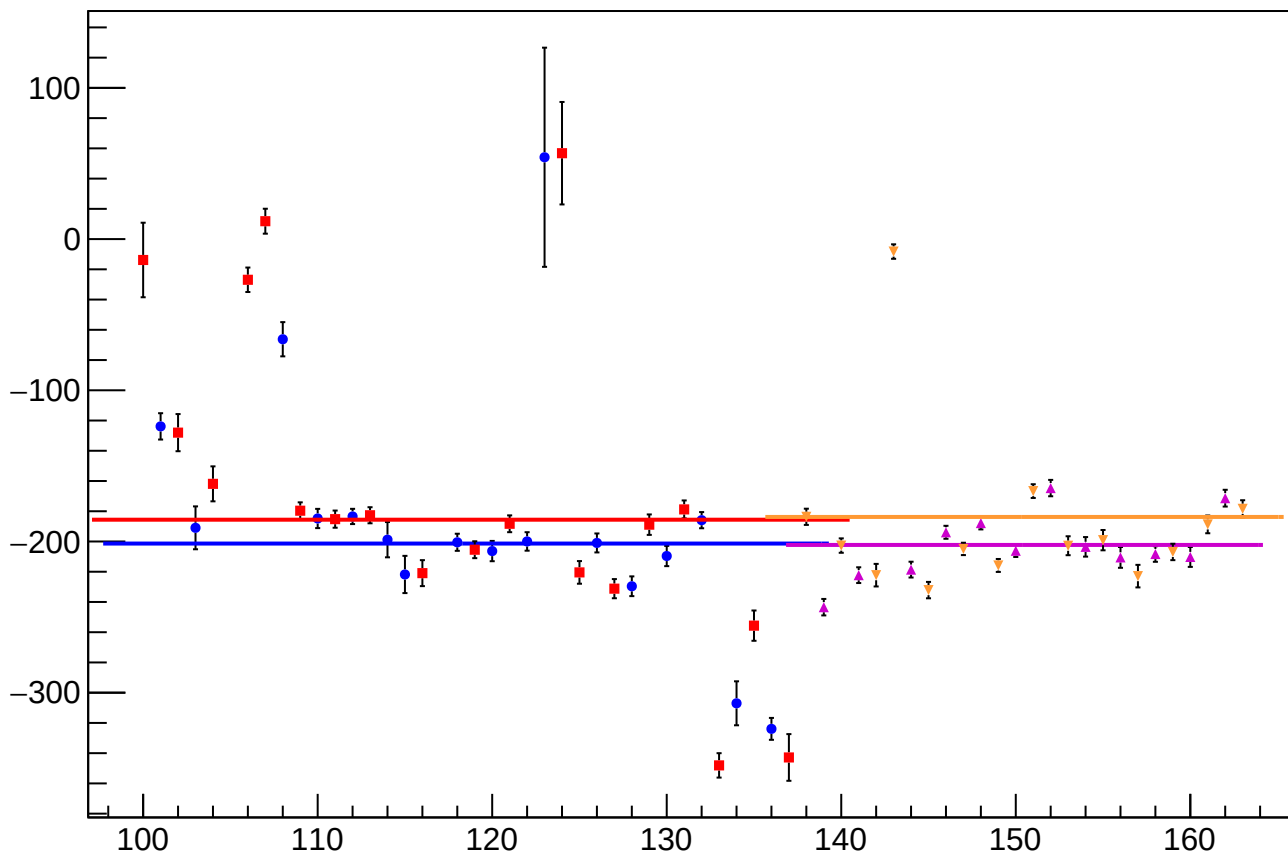
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 6.933 ± 0.686 $\chi^2/\text{NDF}: 491.8/28$

Out: 5.429 ± 0.660 $\chi^2/\text{NDF}: 530.4/32$

All: 6.152 ± 0.476 $\chi^2/\text{NDF}: 1024.7/61$

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: -183.768 ± 1.419 χ^2/NDF : 1622.8/13

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -202.282 ± 1.491 χ^2/NDF : 181.7/11

Left: -192.564 ± 1.028 χ^2/NDF : 1885.4/25

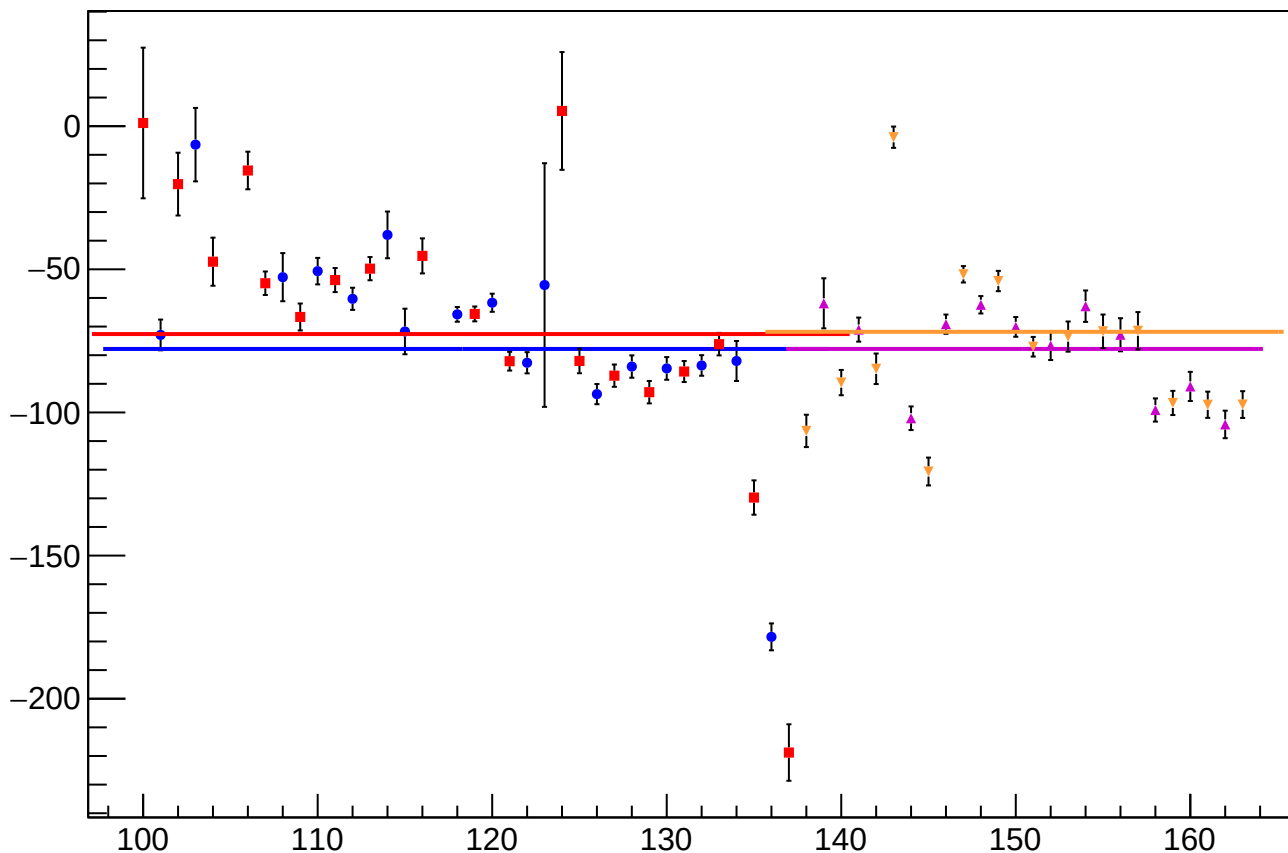
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -201.905 ± 1.144 χ^2/NDF : 806.9/28

Out: -184.516 ± 1.089 χ^2/NDF : 3371.7/32

All: -192.783 ± 0.789 χ^2/NDF : 4299.8/61

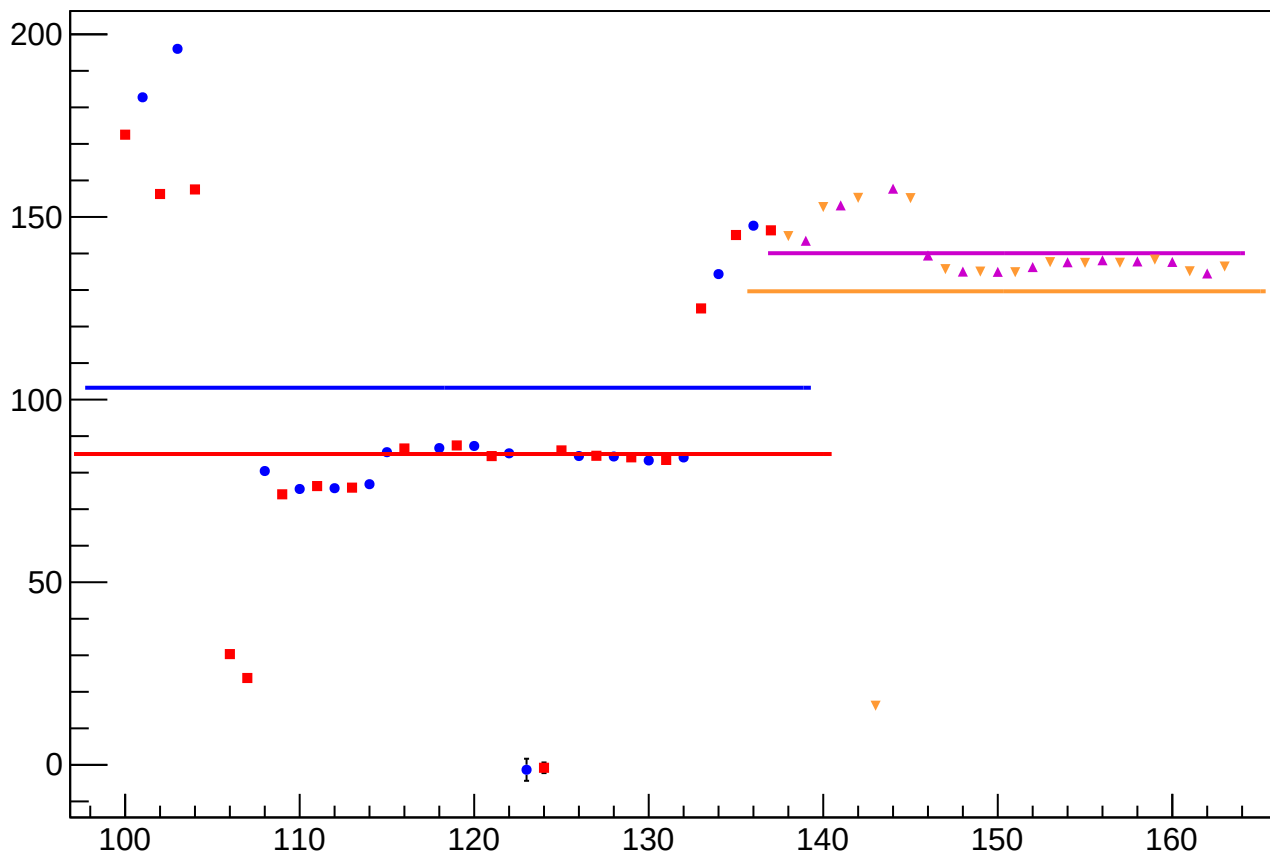
reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16
 Left Out: -71.826 $\pm$ 1.149 χ^2/NDF : 665.9/13
 Right Out: -72.616 $\pm$ 1.053 χ^2/NDF : 606.8/18
 Left In: -77.810 $\pm$ 1.235 χ^2/NDF : 150.4/11

Left: -74.603 $\pm$ 0.841 χ^2/NDF : 828.8/25
 Right: -75.179 $\pm$ 0.750 χ^2/NDF : 1275.2/35
 In: -77.815 $\pm$ 0.808 χ^2/NDF : 806.7/28
 Out: -72.255 $\pm$ 0.776 χ^2/NDF : 1273.0/32
 All: -74.924 $\pm$ 0.560 χ^2/NDF : 2104.3/61

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: 129.650 $\pm$ 0.057 χ^2 /NDF: 396476.8/13

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 140.074 $\pm$ 0.059 χ^2 /NDF: 13198.0/11

Left: 134.658 $\pm$ 0.041 χ^2 /NDF: 425773.4/25

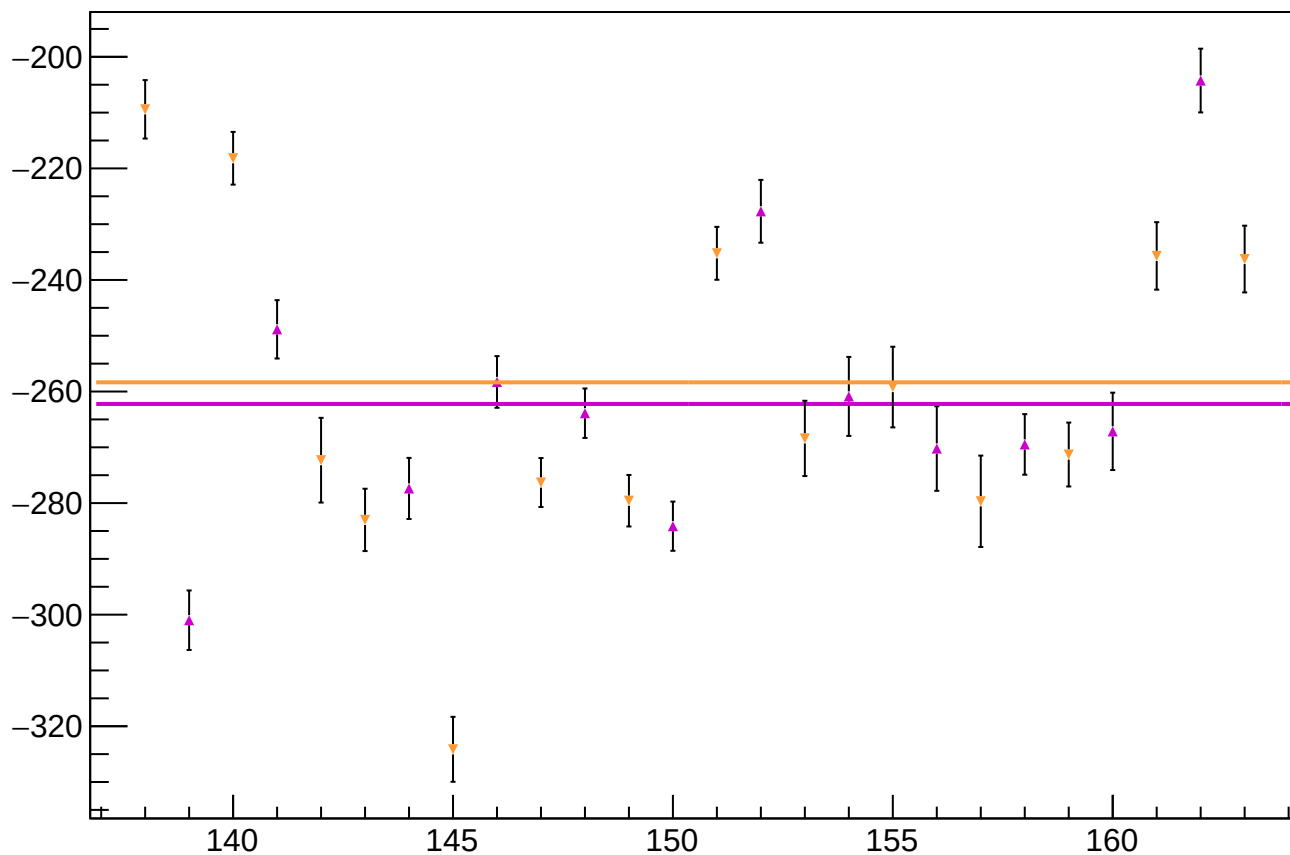
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 124.829 $\pm$ 0.045 χ^2 /NDF: 446681.4/28

Out: 109.868 $\pm$ 0.042 χ^2 /NDF: 1091773.0/32

All: 116.858 $\pm$ 0.031 χ^2 /NDF: 1596474.7/61

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: -258.355 +/- 1.499 χ^2/NDF : 413.5/13

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -262.229 +/- 1.565 χ^2/NDF : 236.6/11

Left: -260.208 +/- 1.083 χ^2/NDF : 653.3/25

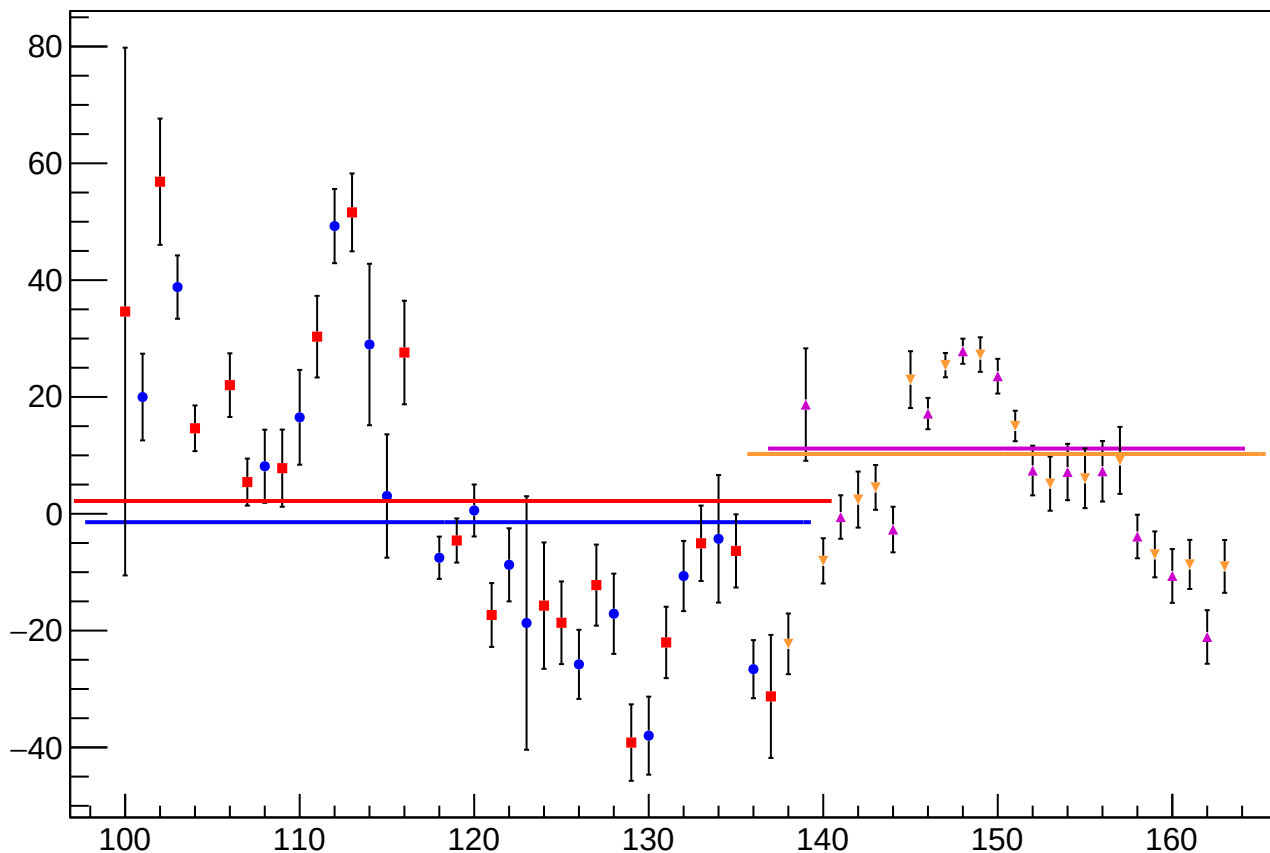
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -262.229 +/- 1.565 χ^2/NDF : 236.6/11

Out: -258.355 +/- 1.499 χ^2/NDF : 413.5/13

All: -260.208 +/- 1.083 χ^2/NDF : 653.3/25

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: 10.235 ± 0.983 $\chi^2/\text{NDF}: 222.5/13$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 11.166 ± 1.043 $\chi^2/\text{NDF}: 195.7/11$

Left: 10.673 ± 0.715 $\chi^2/\text{NDF}: 418.6/25$

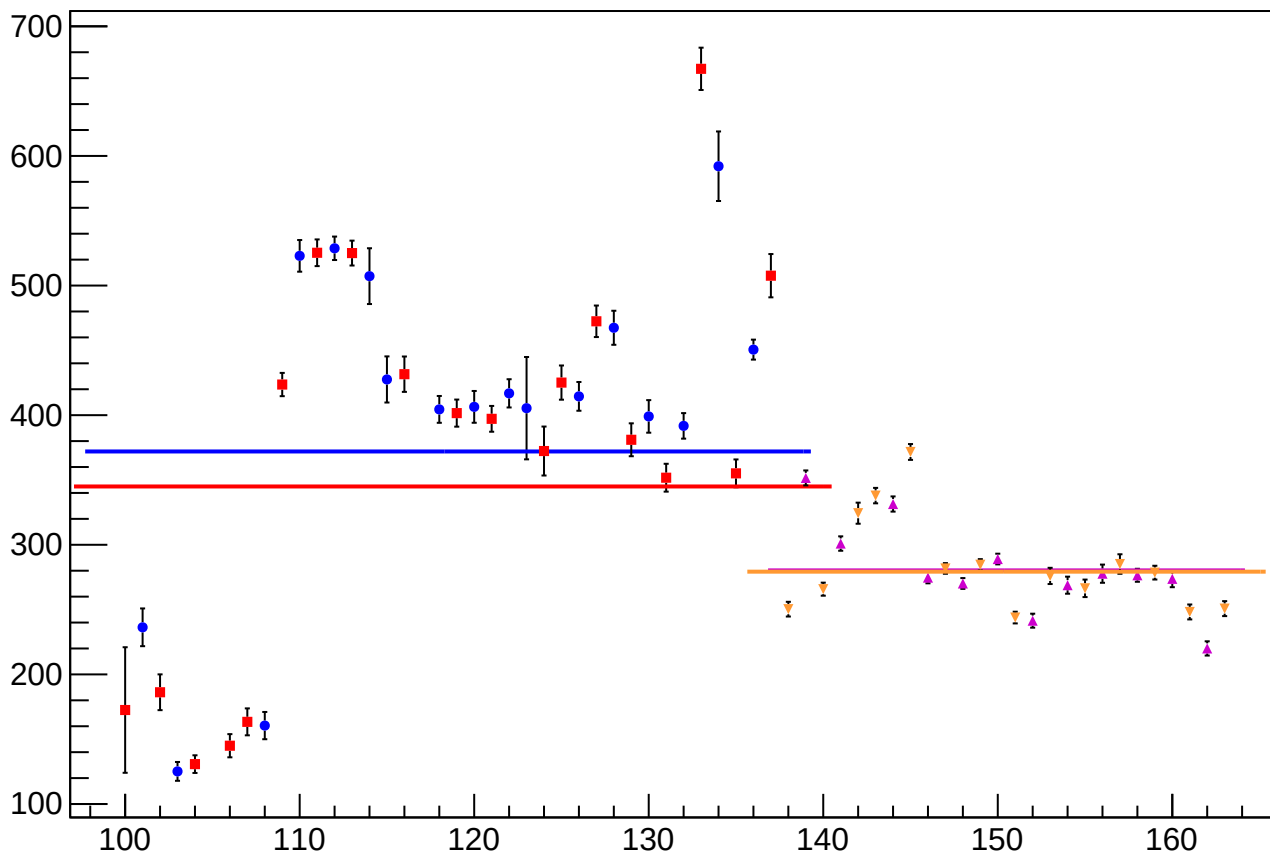
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 7.117 ± 0.859 $\chi^2/\text{NDF}: 467.1/28$

Out: 7.577 ± 0.805 $\chi^2/\text{NDF}: 475.3/32$

All: 7.362 ± 0.587 $\chi^2/\text{NDF}: 942.5/61$

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: 279.264 $\pm$ 1.469 χ^2 /NDF: 510.9/13

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 280.245 $\pm$ 1.518 χ^2 /NDF: 431.2/11

Left: 279.738 $\pm$ 1.056 χ^2 /NDF: 942.3/25

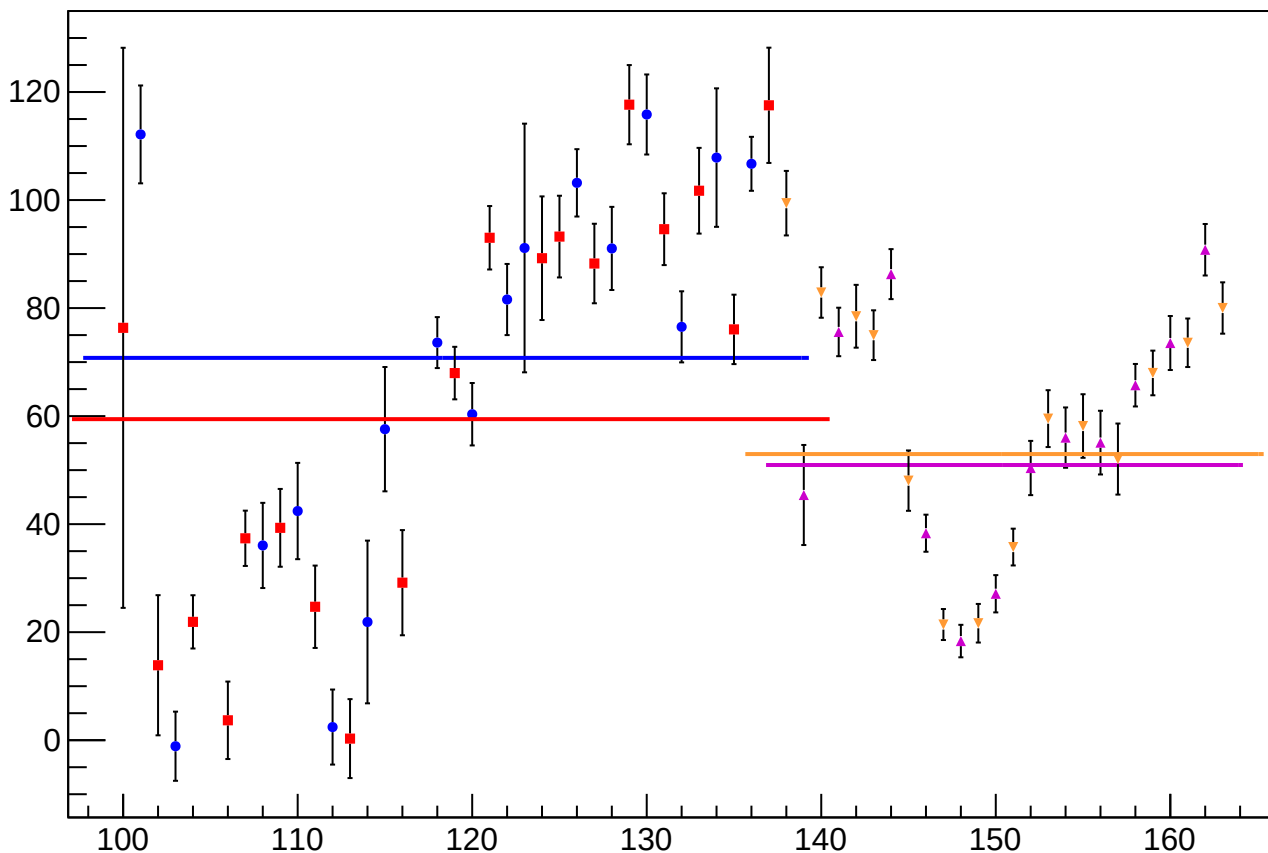
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 301.499 $\pm$ 1.331 χ^2 /NDF: 3708.6/28

Out: 295.537 $\pm$ 1.274 χ^2 /NDF: 4420.9/32

All: 298.389 $\pm$ 0.920 χ^2 /NDF: 8140.0/61

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: 52.973 $\pm$ 1.188 χ^2/NDF : 436.5/13

Right Out: 59.438 $\pm$ 1.631 χ^2/NDF : 486.7/18

Left In: 50.948 $\pm$ 1.253 χ^2/NDF : 373.3/11

Left: 52.015 $\pm$ 0.862 χ^2/NDF : 811.1/25

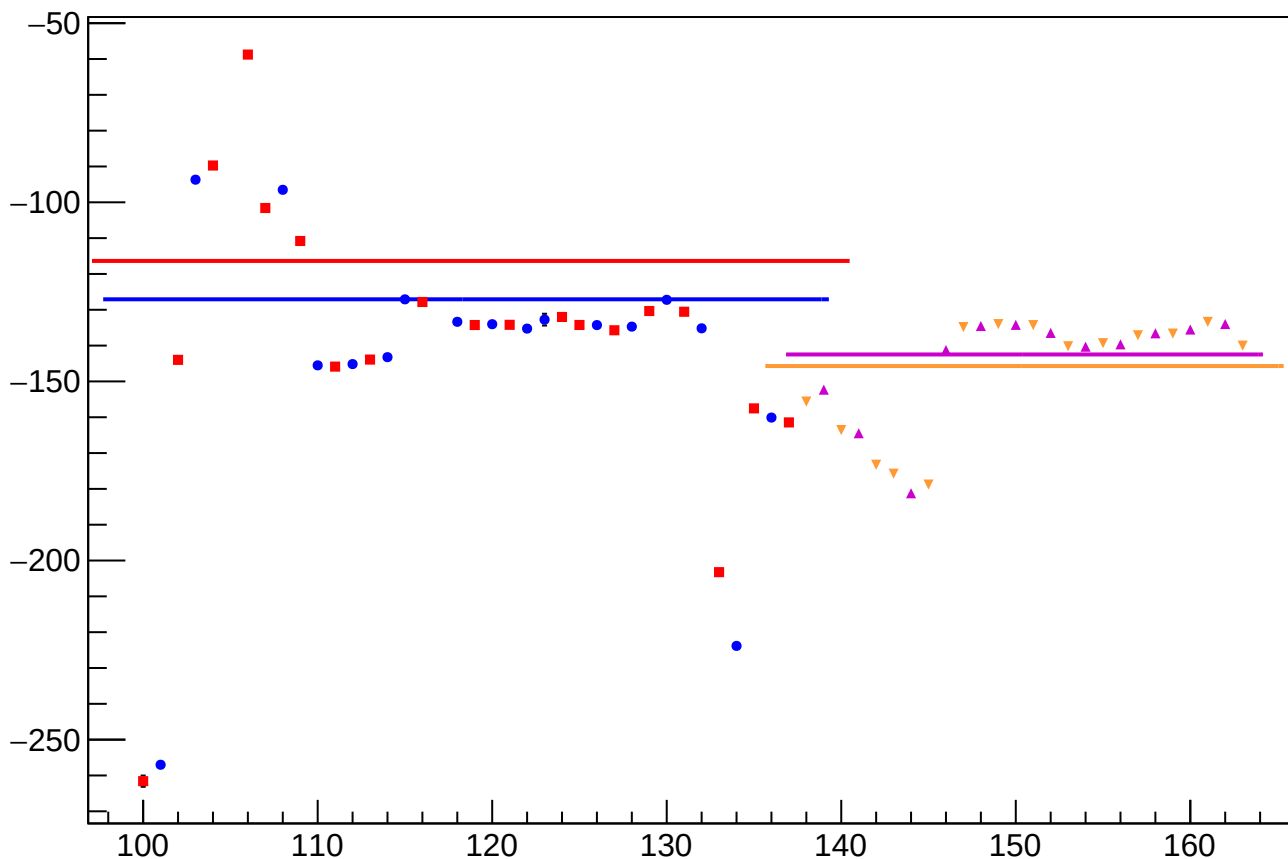
Right: 64.722 $\pm$ 1.192 χ^2/NDF : 933.1/35

In: 57.689 $\pm$ 1.018 χ^2/NDF : 882.3/28

Out: 55.213 $\pm$ 0.960 χ^2/NDF : 933.5/32

All: 56.378 $\pm$ 0.699 χ^2/NDF : 1818.9/61

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: -145.708+/-0.059 χ^2/NDF : 69243.2/13

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -142.476+/-0.060 χ^2/NDF : 43452.7/11

Left: -144.126+/-0.042 χ^2/NDF : 114167.0/25

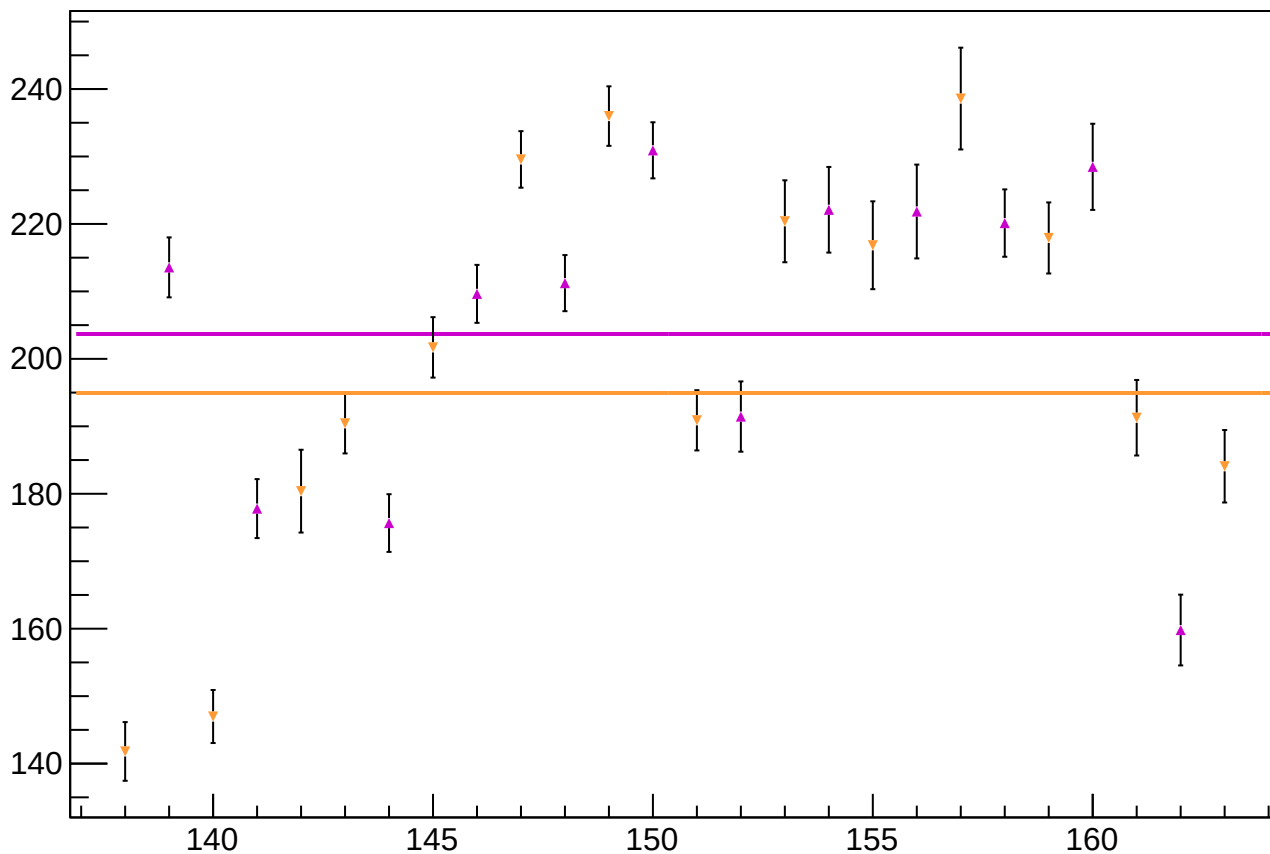
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.680+/-0.050 χ^2/NDF : 230855.3/28

Out: -135.851+/-0.048 χ^2/NDF : 319998.9/32

All: -136.730+/-0.035 χ^2/NDF : 551550.2/61

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 194.941+/-1.320 χ^2/NDF : 548.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 203.686+/-1.399 χ^2/NDF : 247.7/11

Left: 199.060+/-0.960 χ^2/NDF : 816.8/25

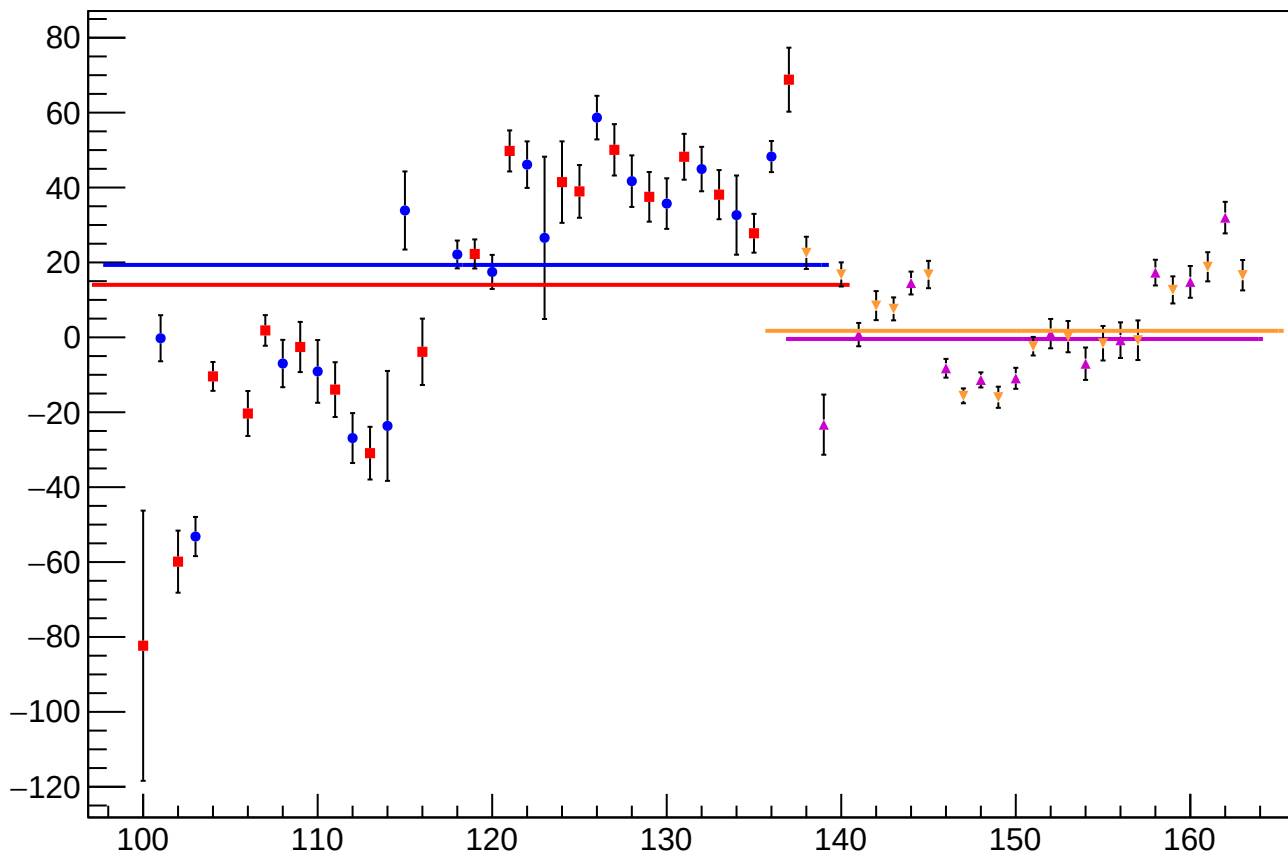
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.686+/-1.399 χ^2/NDF : 247.7/11

Out: 194.941+/-1.320 χ^2/NDF : 548.5/13

All: 199.060+/-0.960 χ^2/NDF : 816.8/25

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: 1.744 ± 0.883 $\chi^2/\text{NDF}: 230.1/13$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -0.436 ± 0.946 $\chi^2/\text{NDF}: 186.5/11$

Left: 0.729 ± 0.645 $\chi^2/\text{NDF}: 419.5/25$

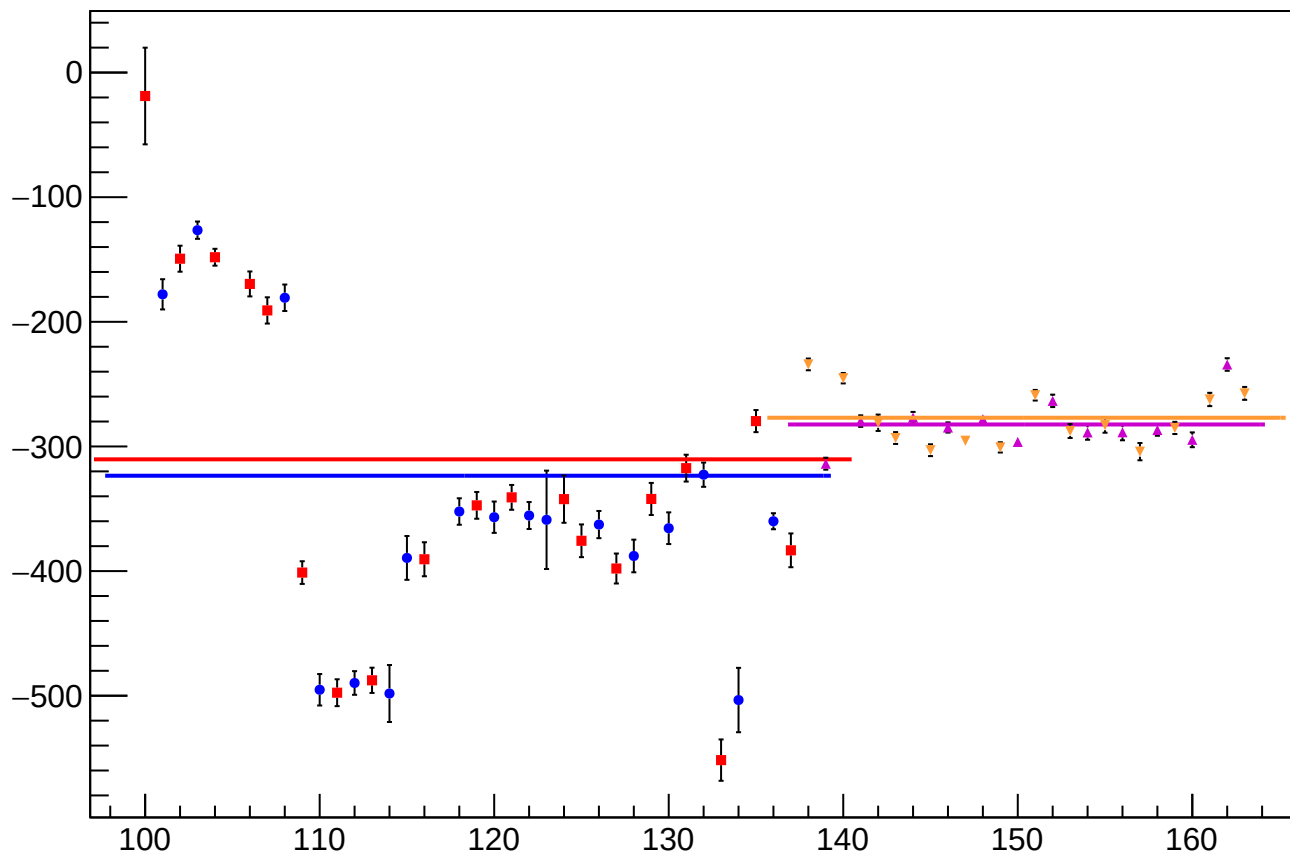
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 5.286 ± 0.797 $\chi^2/\text{NDF}: 752.8/28$

Out: 5.270 ± 0.745 $\chi^2/\text{NDF}: 718.9/32$

All: 5.278 ± 0.544 $\chi^2/\text{NDF}: 1471.7/61$

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: -276.964 ± 1.306 $\chi^2/\text{NDF}: 299.9/13$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -282.367 ± 1.366 $\chi^2/\text{NDF}: 171.7/11$

Left: -279.544 ± 0.944 $\chi^2/\text{NDF}: 479.7/25$

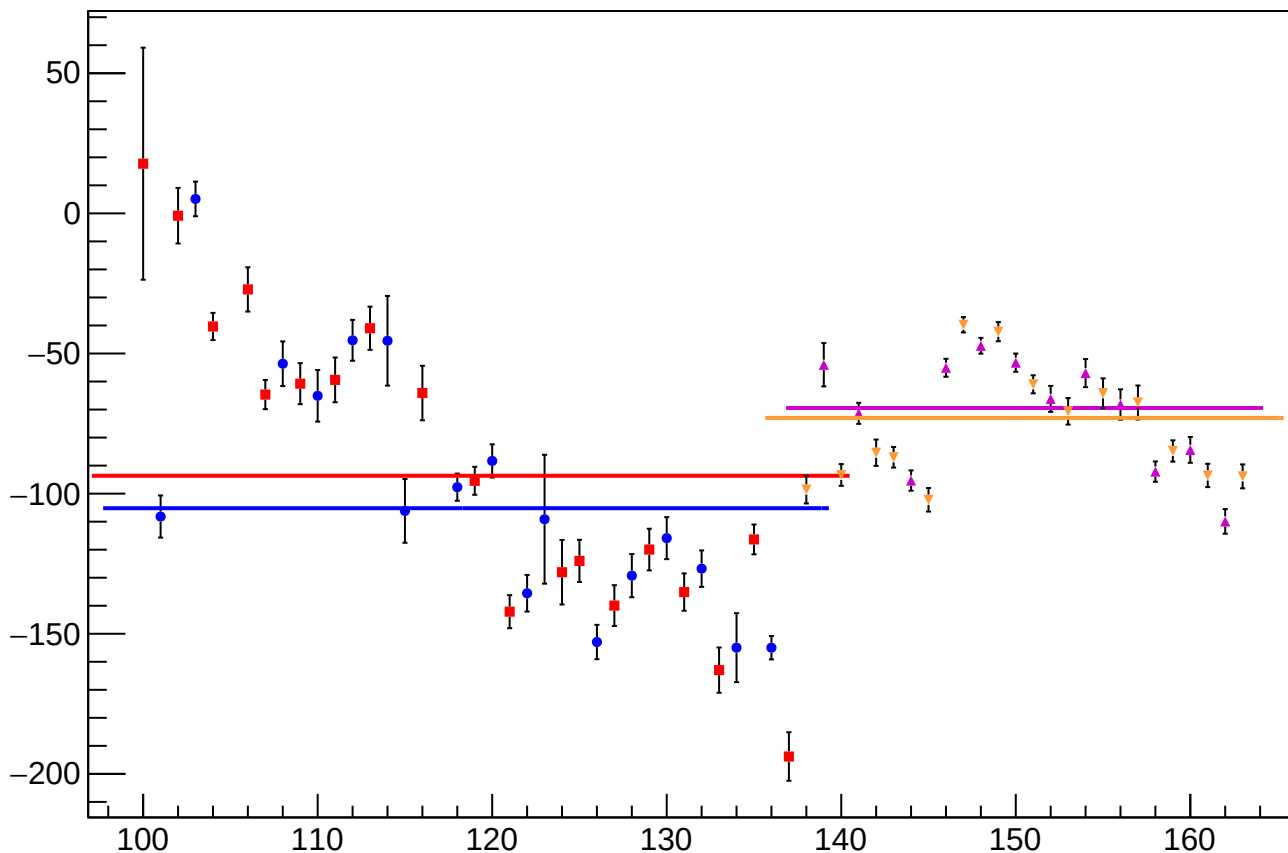
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -290.882 ± 1.216 $\chi^2/\text{NDF}: 2207.0/28$

Out: -284.018 ± 1.159 $\chi^2/\text{NDF}: 2738.5/32$

All: -287.286 ± 0.839 $\chi^2/\text{NDF}: 4962.2/61$

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: -72.978+/-1.062 χ^2/NDF : 428.1/13

Right Out: -93.625+/-1.610 χ^2/NDF : 822.7/18

Left In: -69.440+/-1.134 χ^2/NDF : 304.2/11

Left: -71.325+/-0.775 χ^2/NDF : 737.5/25

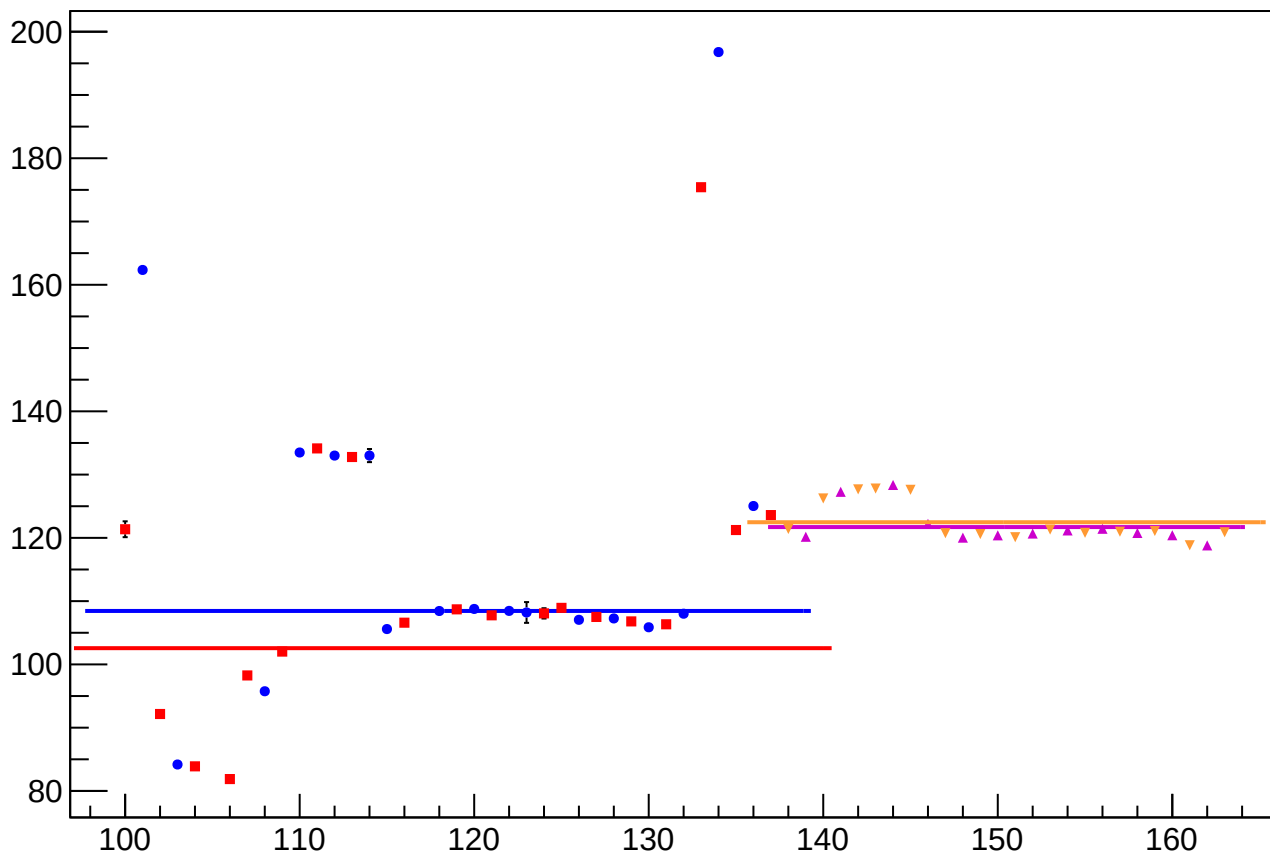
Right: -99.110+/-1.168 χ^2/NDF : 1582.8/35

In: -80.479+/-0.943 χ^2/NDF : 1347.0/28

Out: -79.234+/-0.886 χ^2/NDF : 1365.4/32

All: -79.818+/-0.646 χ^2/NDF : 2713.3/61

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: 122.471 $\pm$ 0.052 χ^2/NDF : 3326.4/13

Right Out: 102.566 $\pm$ 0.079 χ^2/NDF : 53135.3/18

Left In: 121.706 $\pm$ 0.054 χ^2/NDF : 2552.8/11

Left: 122.102 $\pm$ 0.038 χ^2/NDF : 5982.4/25

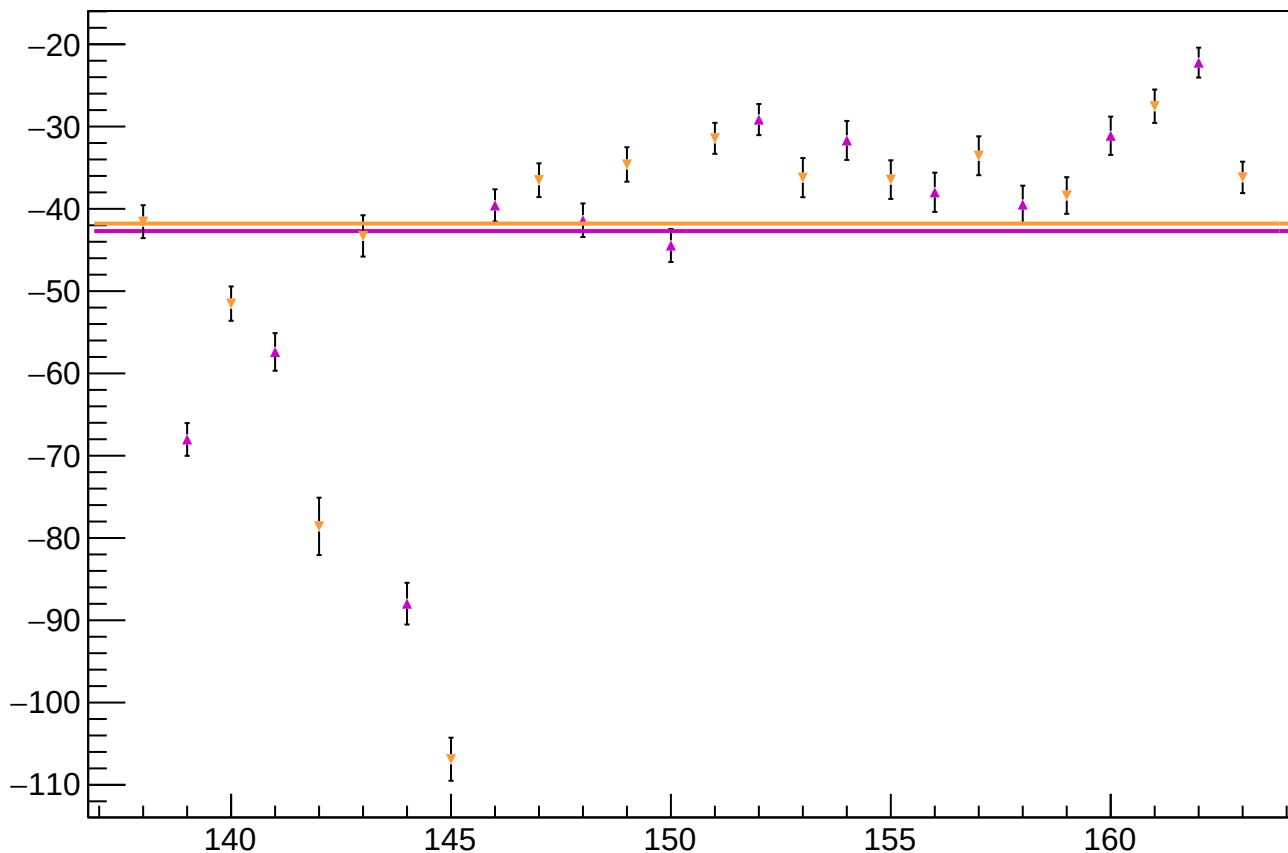
Right: 105.316 $\pm$ 0.058 χ^2/NDF : 128963.5/35

In: 117.869 $\pm$ 0.046 χ^2/NDF : 93190.6/28

Out: 116.454 $\pm$ 0.044 χ^2/NDF : 100266.5/32

All: 117.131 $\pm$ 0.032 χ^2/NDF : 193959.0/61

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



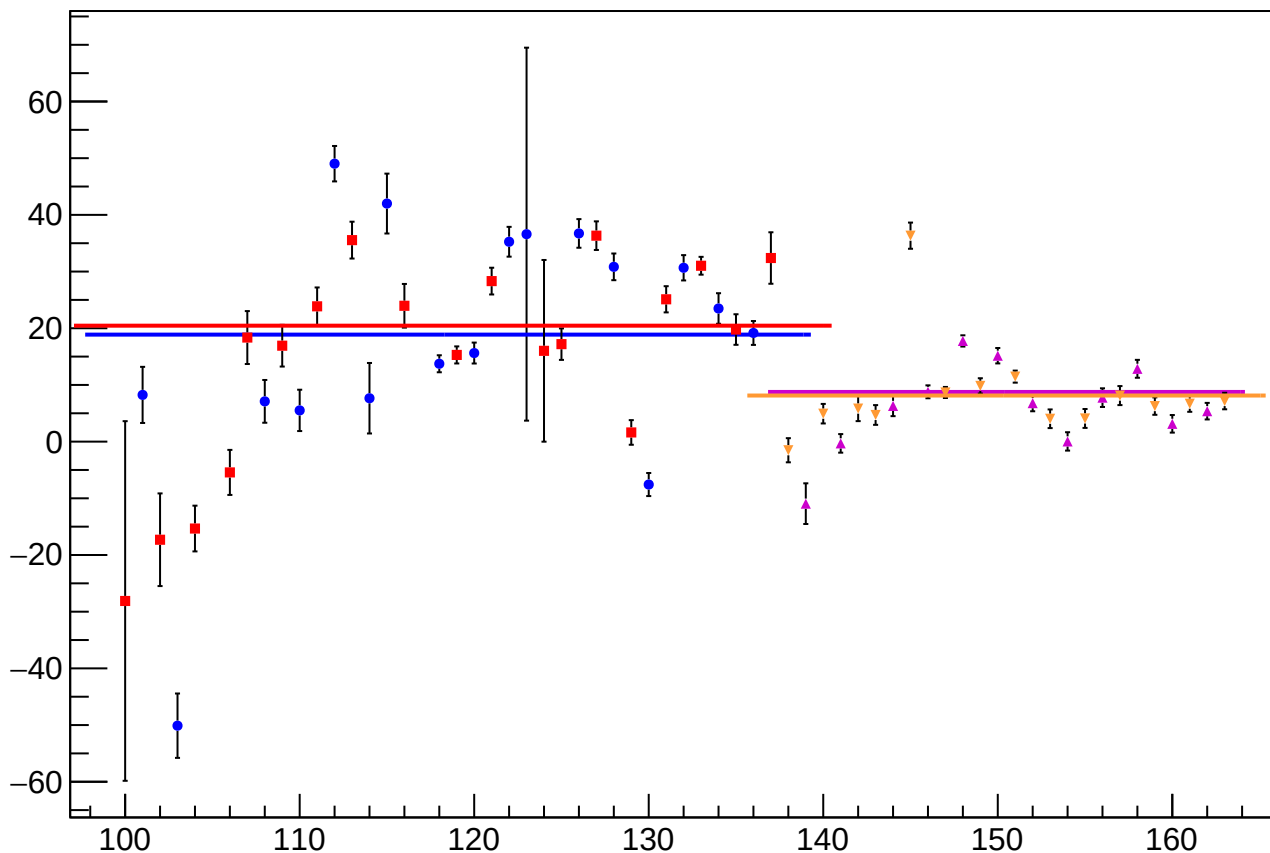
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.786+/-0.590 χ^2/NDF :883.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -42.700+/-0.613 χ^2/NDF :756.5/11

Left: -42.226+/-0.425 χ^2/NDF : 1641.0/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.700+/-0.613 χ^2/NDF :756.5/11
 Out: -41.786+/-0.590 χ^2/NDF :883.3/13

All: -42.226+/-0.425 χ^2/NDF : 1641.0/25

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: 8.131+/-0.400 χ^2/NDF :204.7/13

Right Out: 20.454+/-0.643 χ^2/NDF : 364.8/18

Left In: 8.763+/-0.422 χ^2/NDF :223.5/11

Left: 8.430+/-0.291 χ^2/NDF : 429.3/25

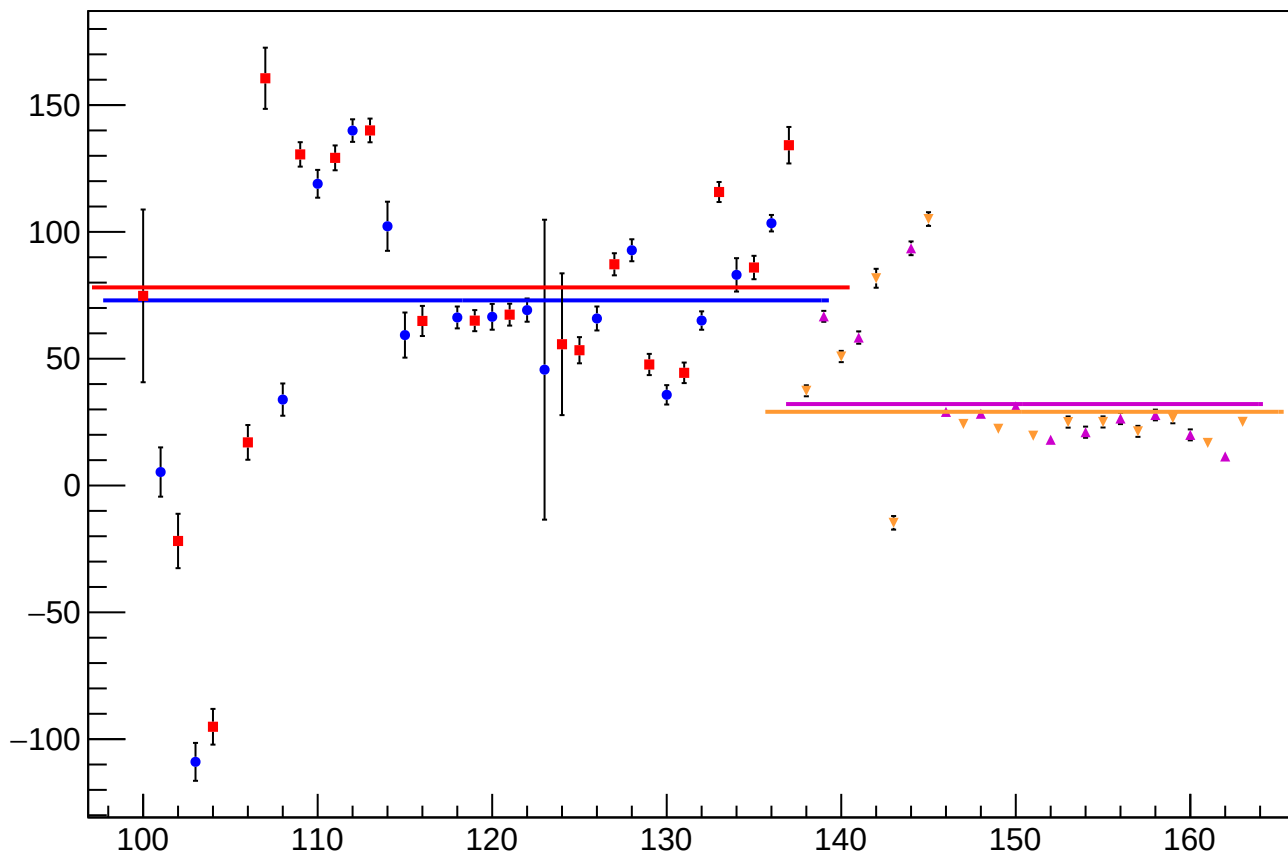
Right: 19.666+/-0.455 χ^2/NDF : 988.3/35

In: 11.802+/-0.353 χ^2/NDF :1016.2/28

Out: 11.572+/-0.340 χ^2/NDF :833.8/32

All: 11.683+/-0.245 χ^2/NDF : 1850.3/61

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: 29.067 $\pm$ 0.575 χ^2 /NDF:1477.4/13

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 32.117 $\pm$ 0.593 χ^2 /NDF:1161.7/11

Left: 30.545 $\pm$ 0.413 χ^2 /NDF: 2652.8/25

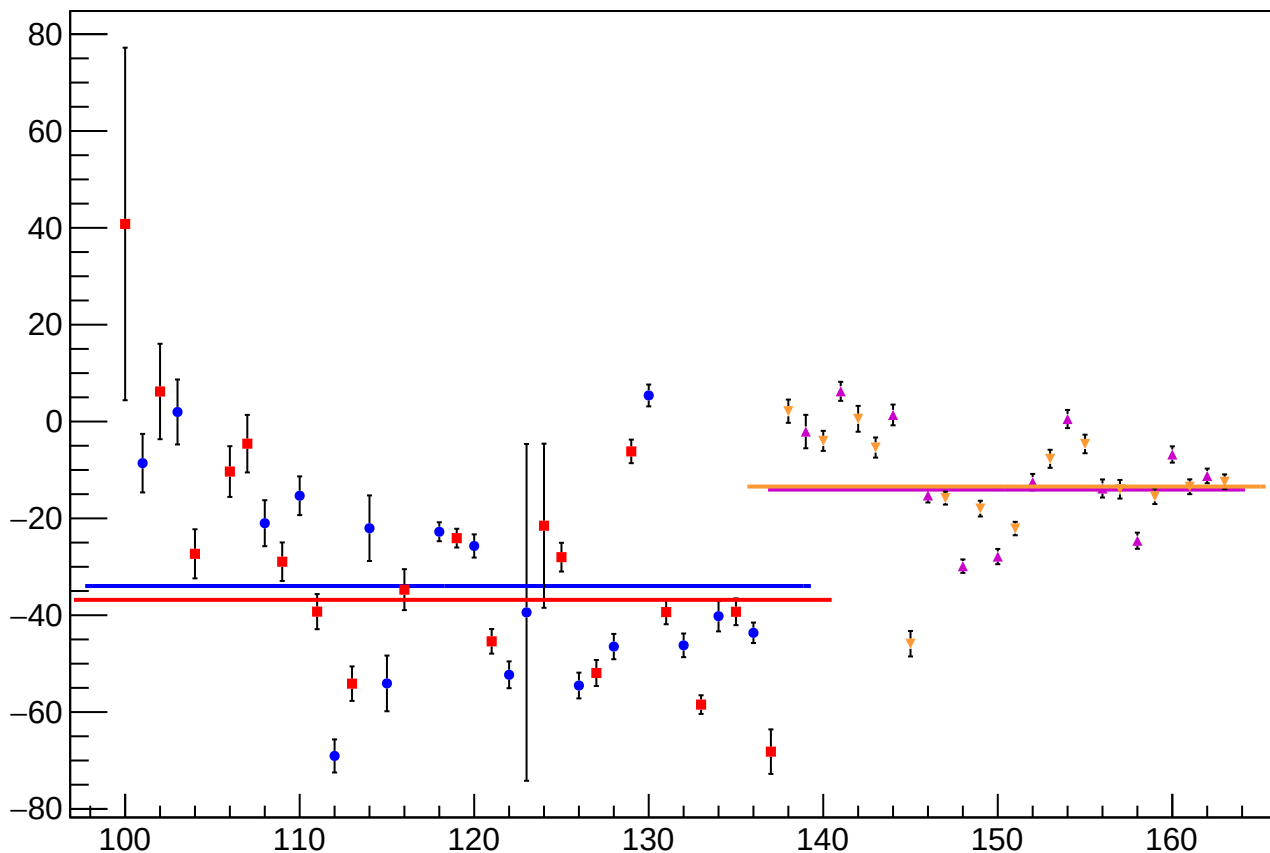
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 39.826 $\pm$ 0.534 χ^2 /NDF:3263.3/28

Out: 37.948 $\pm$ 0.520 χ^2 /NDF:4341.2/32

All: 38.862 $\pm$ 0.373 χ^2 /NDF: 7610.8/61

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: -13.425 ± 0.474 χ^2/NDF : 340.0/13

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.051 ± 0.499 χ^2/NDF : 501.6/11

Left: -13.723 ± 0.344 χ^2/NDF : 842.5/25

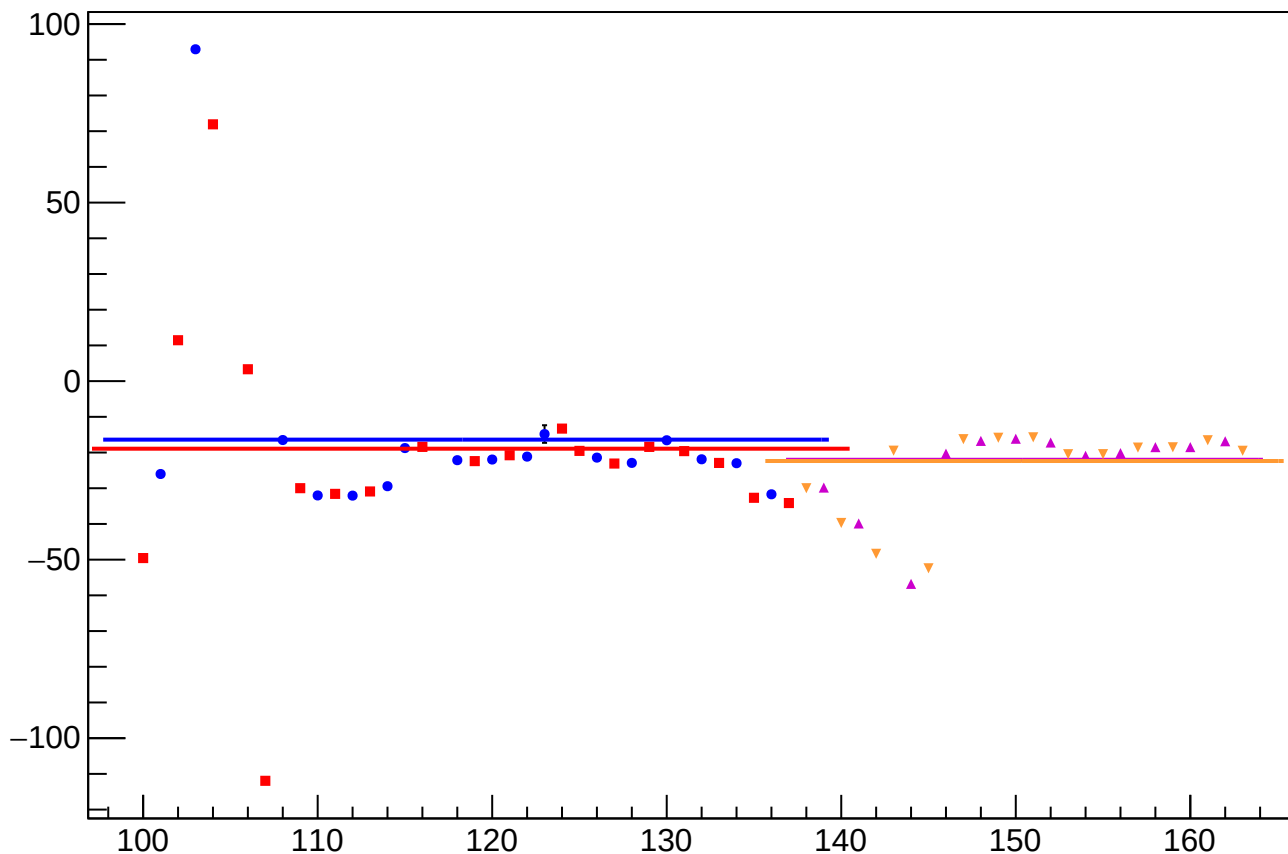
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -20.300 ± 0.413 χ^2/NDF : 1723.7/28

Out: -20.277 ± 0.399 χ^2/NDF : 1593.1/32

All: -20.288 ± 0.287 χ^2/NDF : 3316.9/61

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: -22.372 ± 0.023 $\chi^2/\text{NDF}: 182119.3/13$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -22.028 ± 0.023 $\chi^2/\text{NDF}: 154130.9/11$

Left: -22.205 ± 0.016 $\chi^2/\text{NDF}: 336364.1/25$

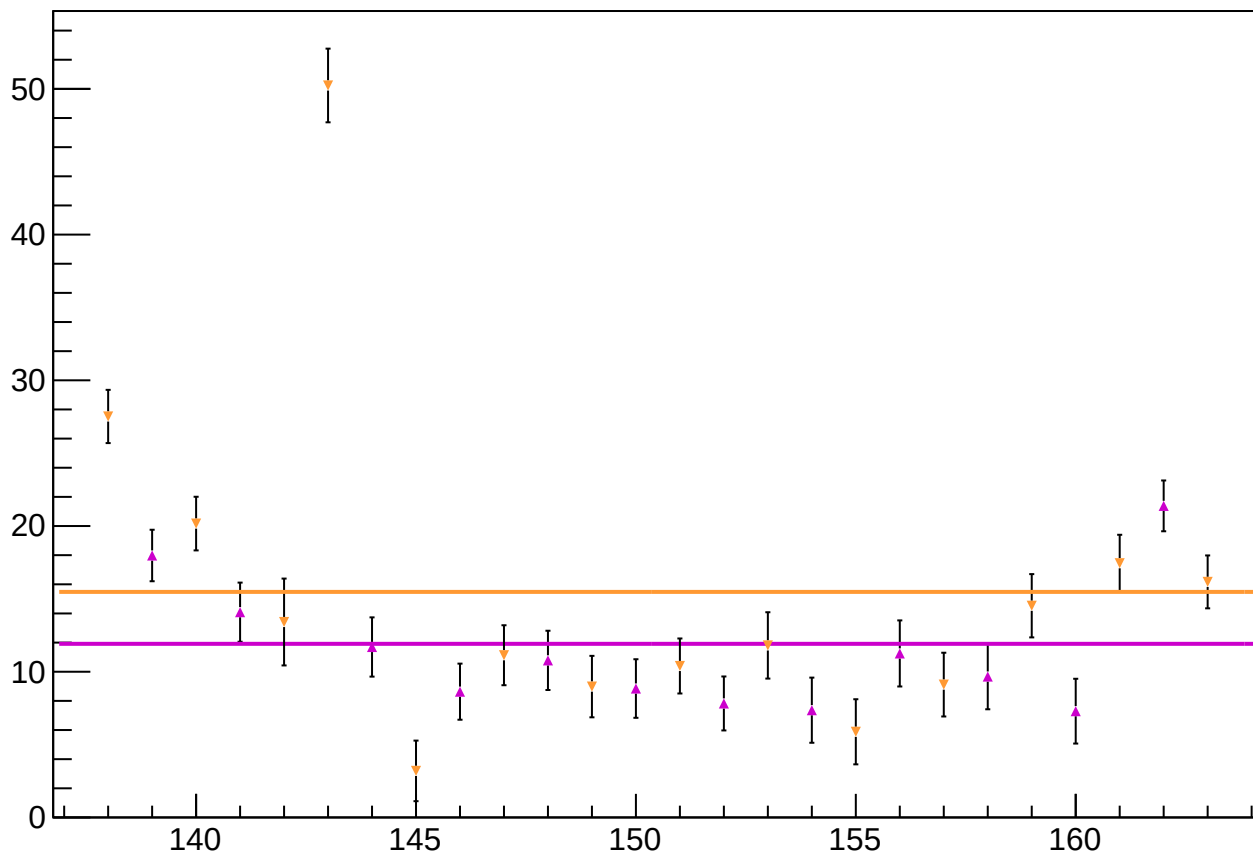
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.831 ± 0.020 $\chi^2/\text{NDF}: 641111.7/28$

Out: -21.689 ± 0.020 $\chi^2/\text{NDF}: 620918.2/32$

All: -21.267 ± 0.014 $\chi^2/\text{NDF}: 1262921.4/61$

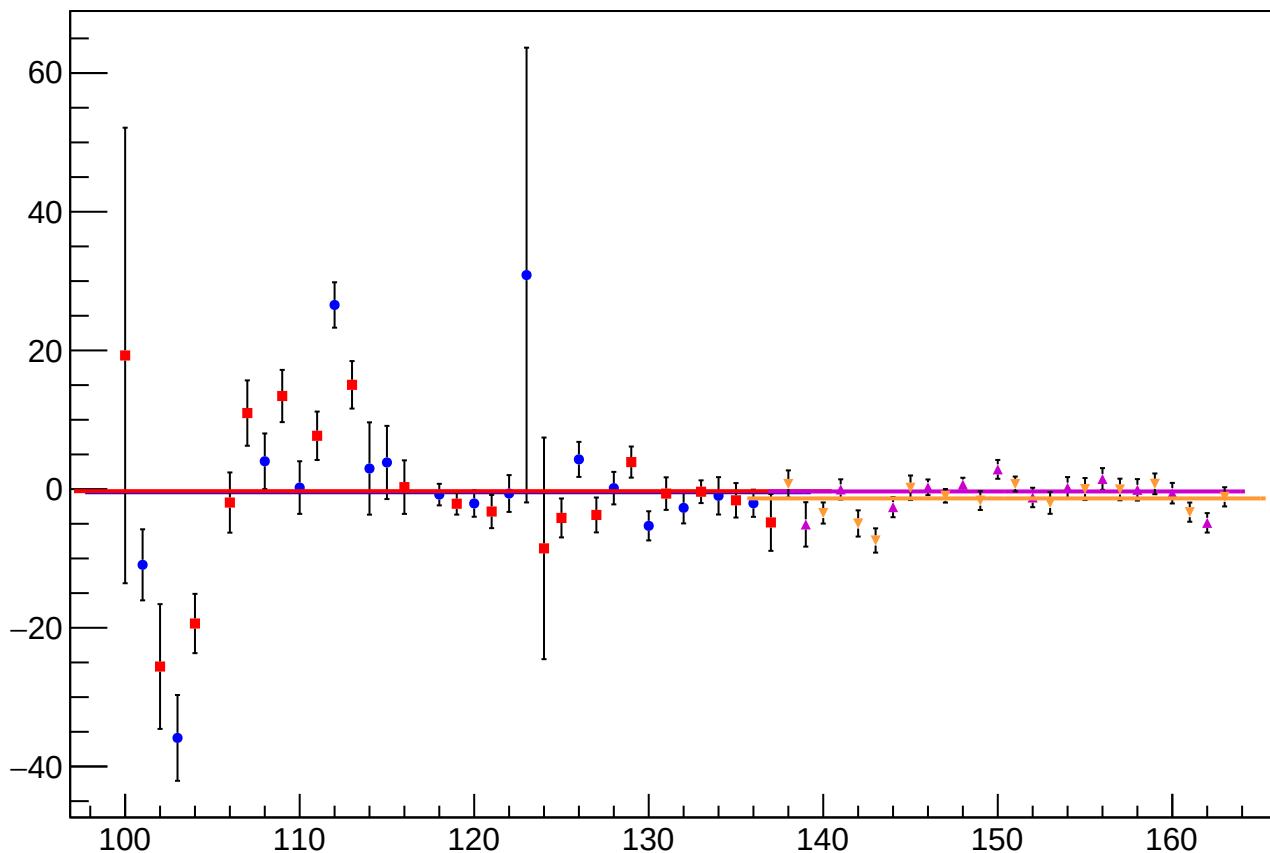
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.479+/-0.558 χ^2/NDF :326.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.916+/-0.579 χ^2/NDF :62.4/11

Left: 13.766+/-0.402 χ^2/NDF : 408.5/25
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.916+/-0.579 χ^2/NDF :62.4/11
 Out: 15.479+/-0.558 χ^2/NDF :326.4/13
 All: 13.766+/-0.402 χ^2/NDF : 408.5/25

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: -1.342 ± 0.384 χ^2/NDF : 29.0/13

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.336 ± 0.405 χ^2/NDF : 23.7/11

Left: -0.865 ± 0.279 χ^2/NDF : 56.0/25

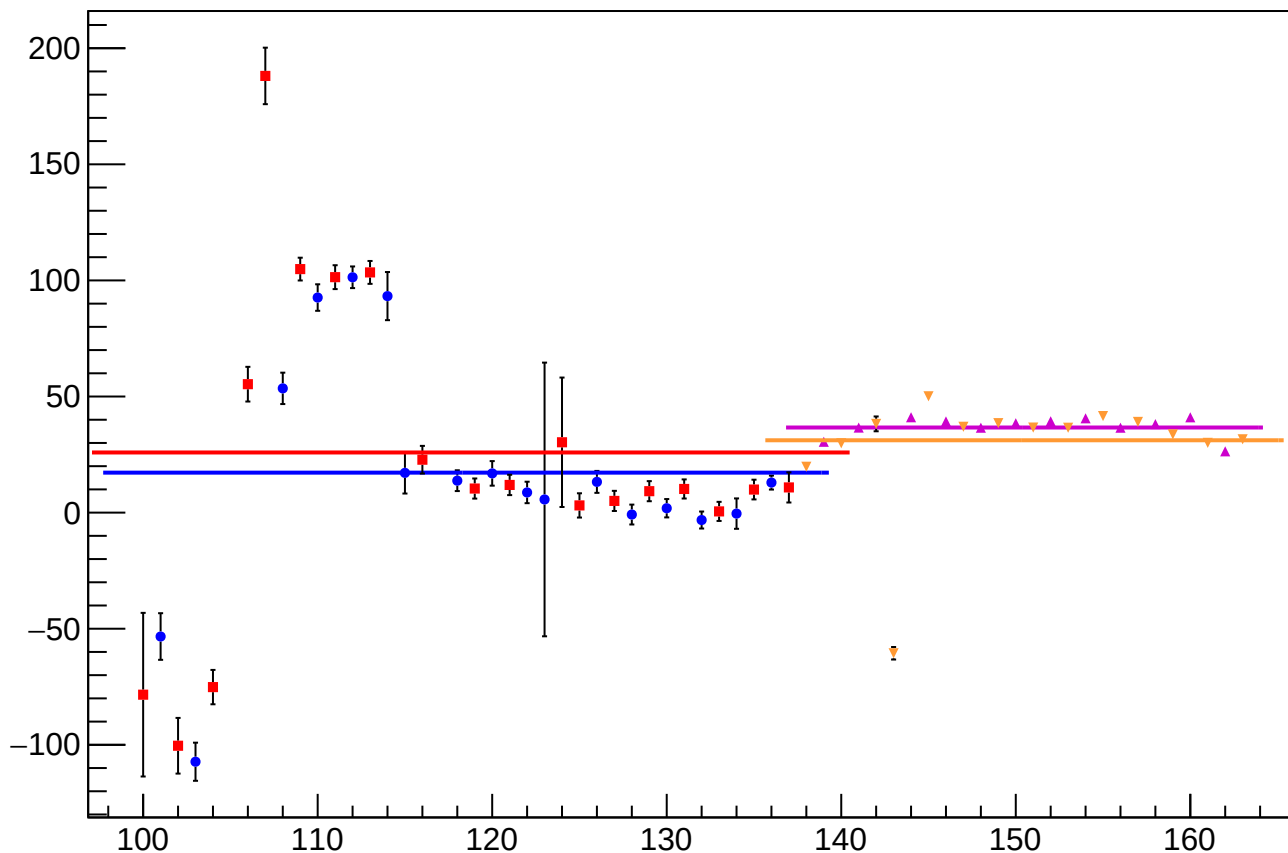
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.368 ± 0.344 χ^2/NDF : 143.3/28

Out: -1.076 ± 0.332 χ^2/NDF : 115.4/32

All: -0.735 ± 0.239 χ^2/NDF : 260.8/61

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 31.155+/-0.546 χ^2/NDF :1352.5/13

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 36.653+/-0.563 χ^2/NDF :65.8/11

Left: 33.817+/-0.392 χ^2/NDF : 1467.3/25

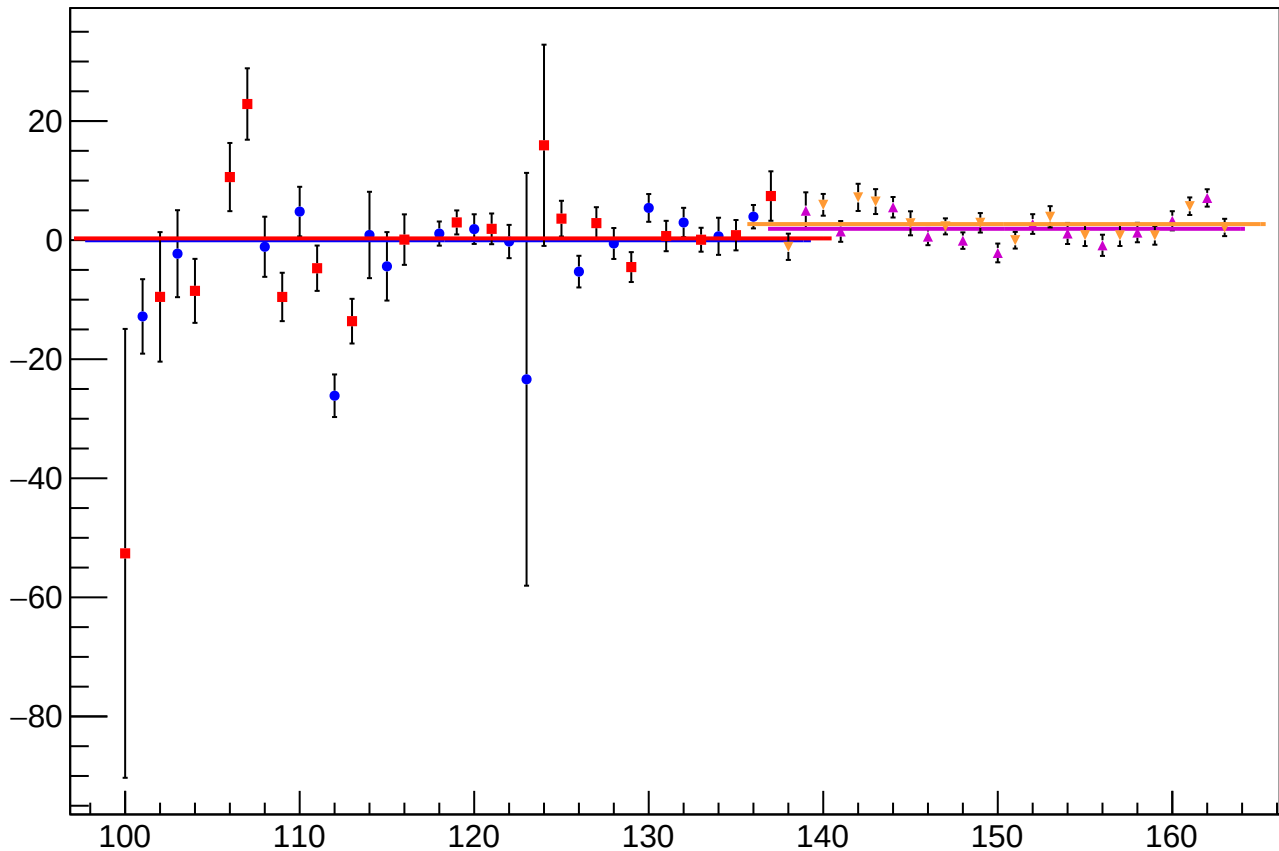
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 33.331+/-0.513 χ^2/NDF :1209.3/28

Out: 30.306+/-0.500 χ^2/NDF :2742.2/32

All: 31.779+/-0.358 χ^2/NDF : 3969.3/61

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: 2.696 ± 0.453 χ^2/NDF : 25.5/13

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.903 ± 0.476 χ^2/NDF : 31.3/11

Left: 2.319 ± 0.328 χ^2/NDF : 58.3/25

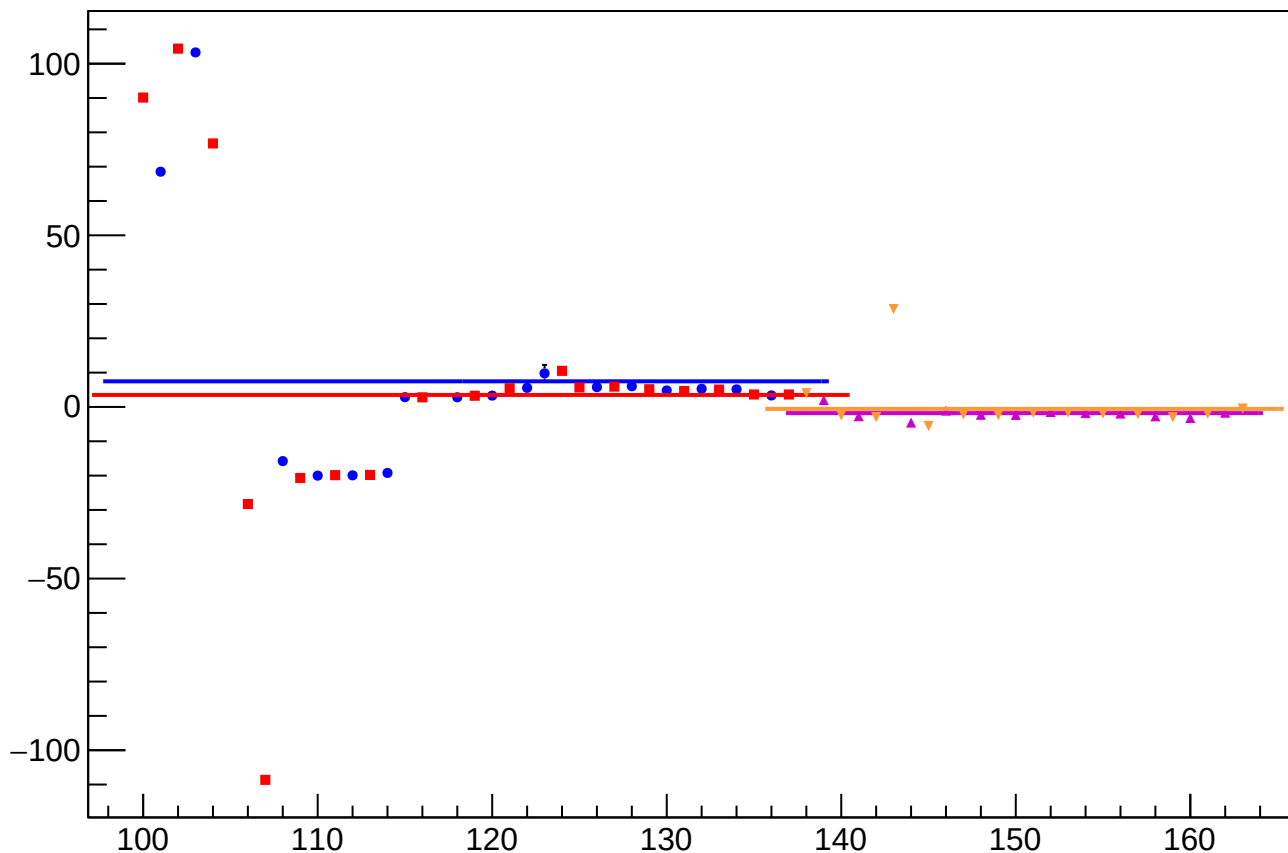
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.344 ± 0.401 χ^2/NDF : 111.9/28

Out: 2.052 ± 0.388 χ^2/NDF : 89.1/32

All: 1.710 ± 0.279 χ^2/NDF : 202.6/61

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: -0.557+/-0.021 χ^2/NDF : 83526.0/13

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.791+/-0.022 χ^2/NDF : 4805.1/11

Left: -1.157+/-0.015 χ^2/NDF : 89962.9/25

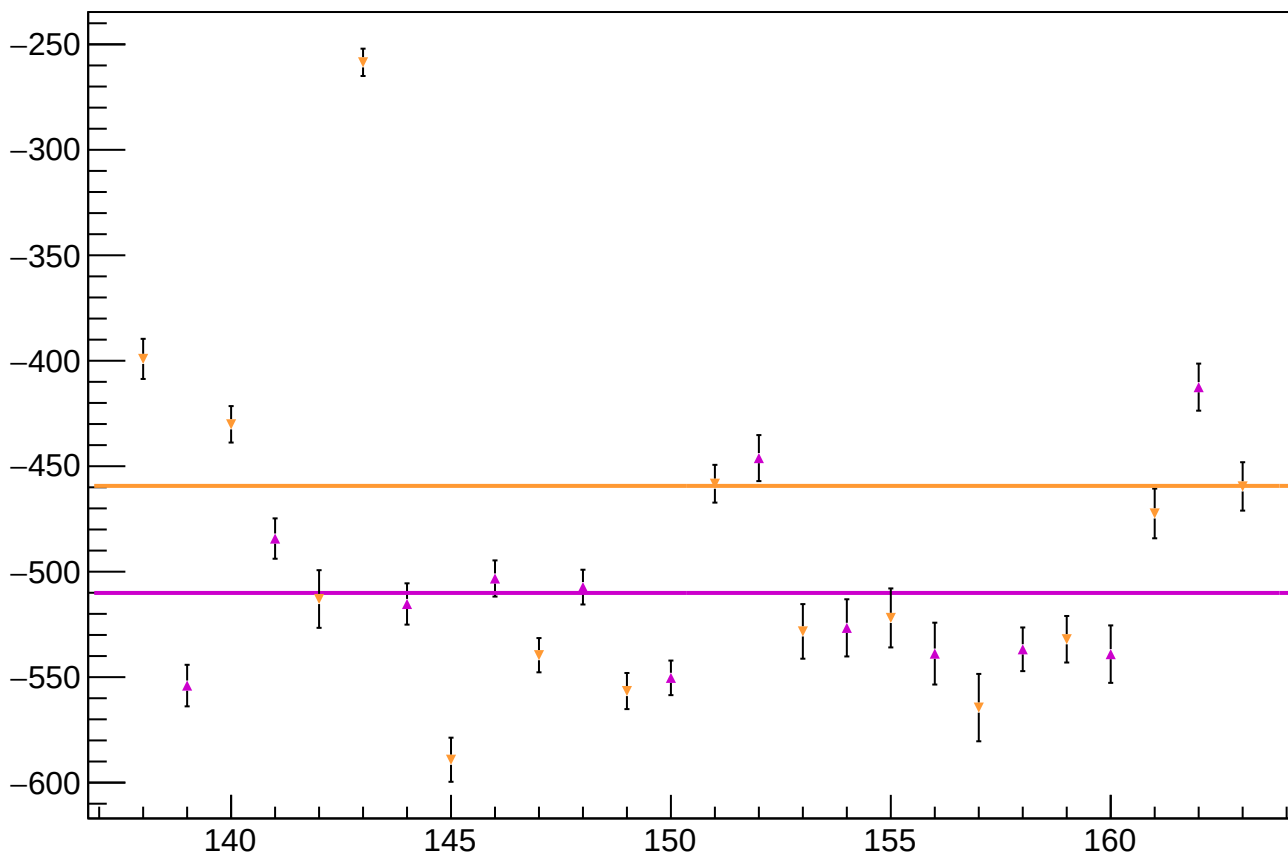
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.016+/-0.020 χ^2/NDF : 395579.6/28

Out: 0.170+/-0.019 χ^2/NDF : 600612.1/32

All: 0.094+/-0.014 χ^2/NDF : 996223.1/61

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: -459.328+/-2.653 χ^2/NDF :1545.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -510.077+/-2.934 χ^2/NDF :179.7/11

Left: -482.154+/-1.968 χ^2/NDF : 1889.6/25

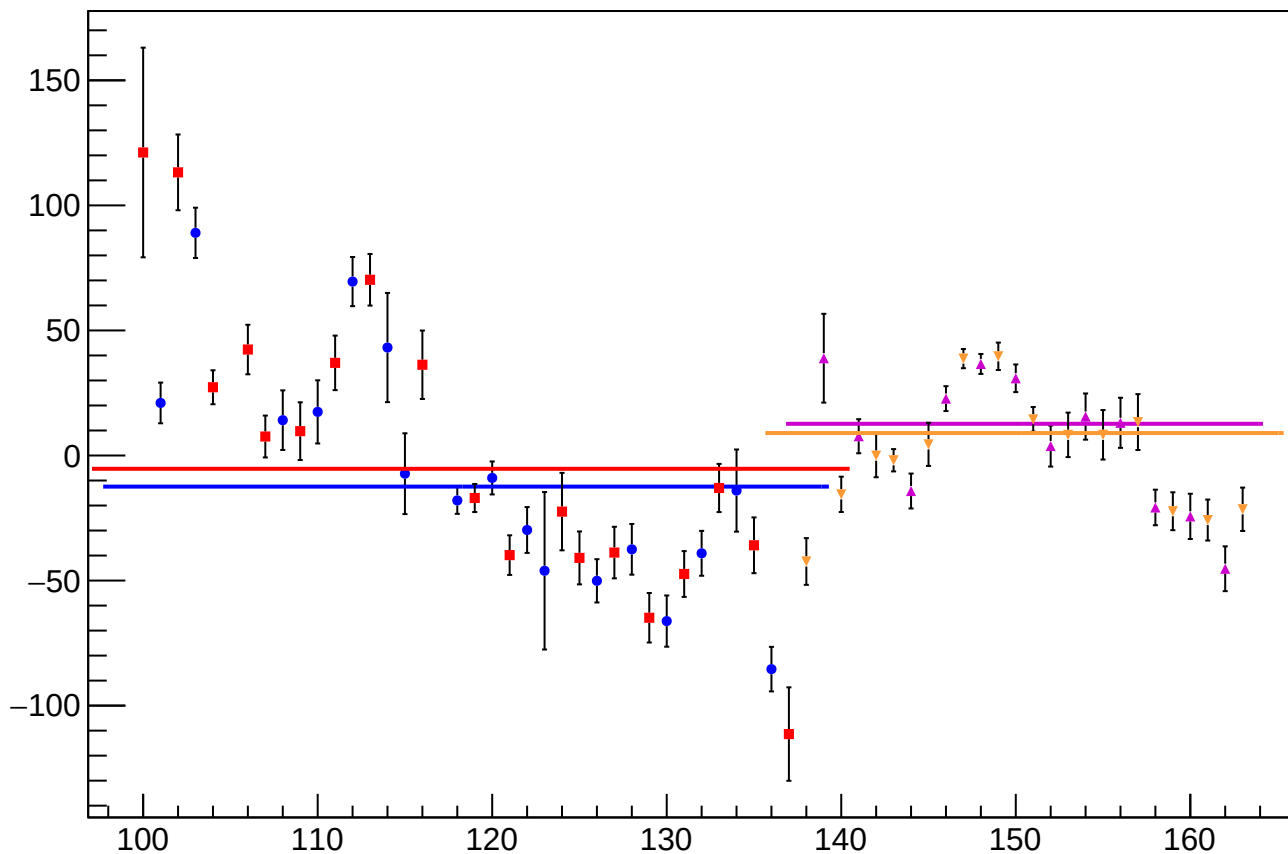
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -510.077+/-2.934 χ^2/NDF :179.7/11

Out: -459.328+/-2.653 χ^2/NDF :1545.4/13

All: -482.154+/-1.968 χ^2/NDF : 1889.6/25

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2 /NDF: 340.2/16

Left Out: 8.986 $\pm$ 1.748 χ^2 /NDF:189.7/13

Right Out: -5.317 $\pm$ 2.260 χ^2 /NDF: 342.8/18

Left In: 12.676 $\pm$ 1.953 χ^2 /NDF:150.5/11

Left: 10.627 $\pm$ 1.302 χ^2 /NDF: 342.1/25

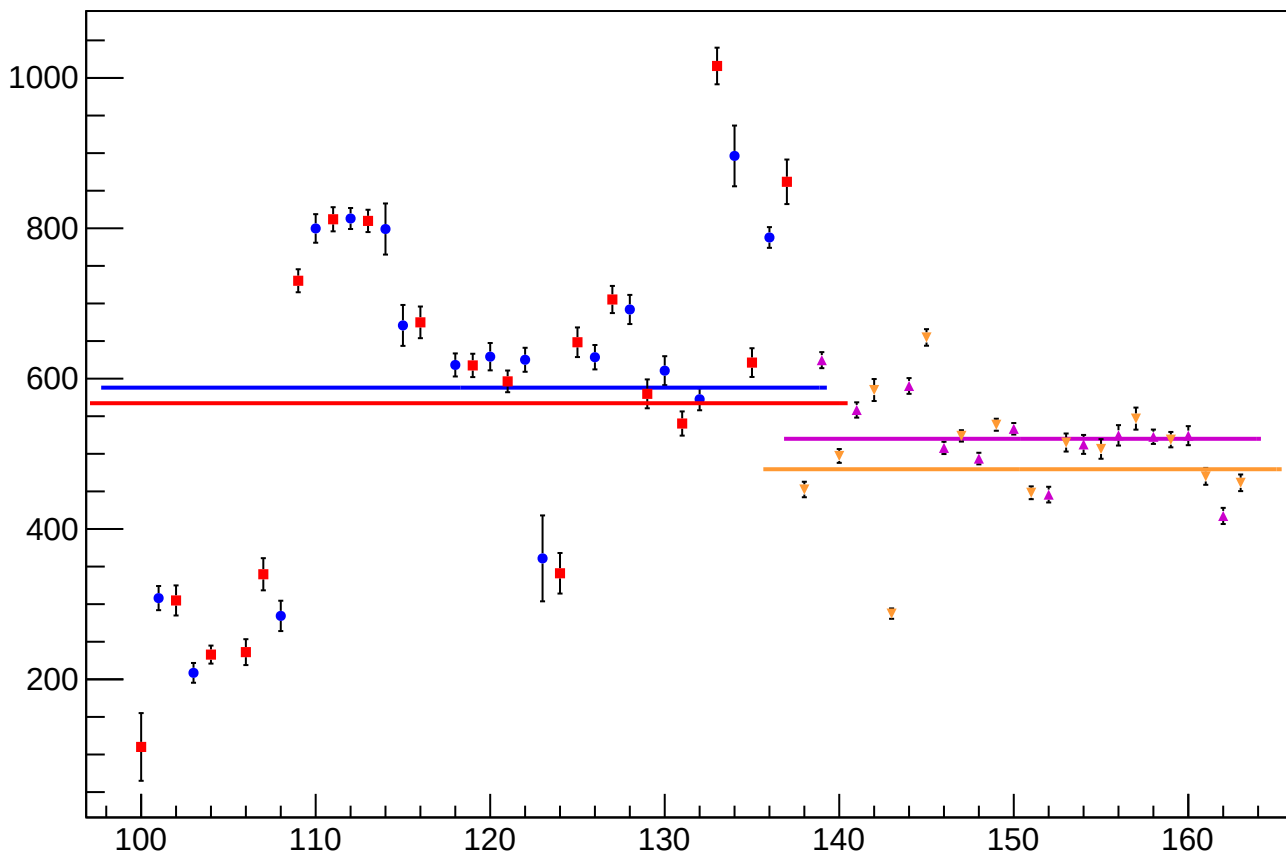
Right: -8.788 $\pm$ 1.617 χ^2 /NDF: 687.9/35

In: 2.238 $\pm$ 1.493 χ^2 /NDF:559.4/28

Out: 3.631 $\pm$ 1.383 χ^2 /NDF:557.5/32

All: 2.988 $\pm$ 1.014 χ^2 /NDF: 1117.4/61

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: 479.496 $\pm$ 2.627 χ^2 /NDF:1243.2/13

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 519.977 $\pm$ 2.851 χ^2 /NDF:314.8/11

Left: 498.080 $\pm$ 1.932 χ^2 /NDF: 1667.0/25

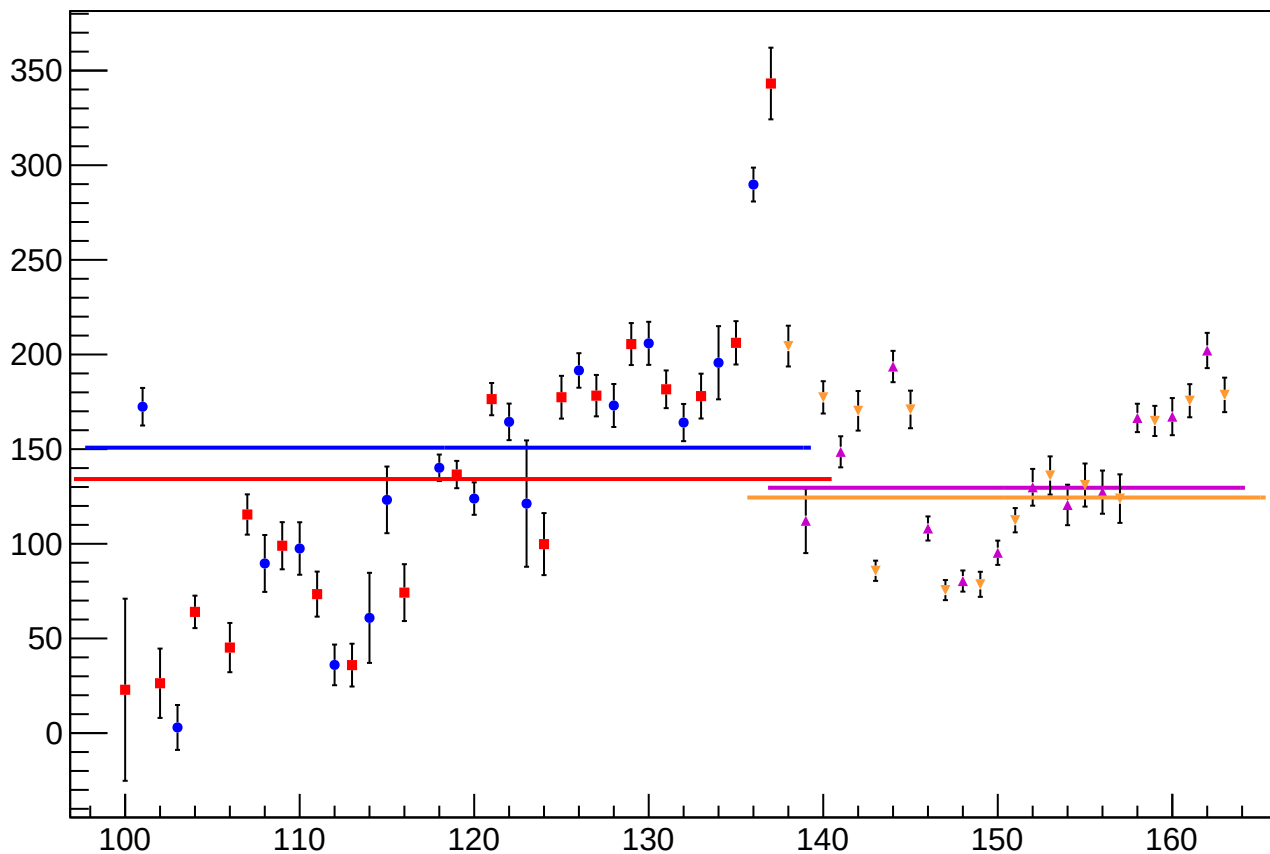
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 540.570 $\pm$ 2.381 χ^2 /NDF:2614.9/28

Out: 504.761 $\pm$ 2.217 χ^2 /NDF:4349.1/32

All: 521.388 $\pm$ 1.623 χ^2 /NDF: 7085.1/61

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: 124.450 $\pm$ 2.114 χ^2 /NDF:420.6/13

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 129.605 $\pm$ 2.353 χ^2 /NDF:284.6/11

Left: 126.753 $\pm$ 1.572 χ^2 /NDF: 707.8/25

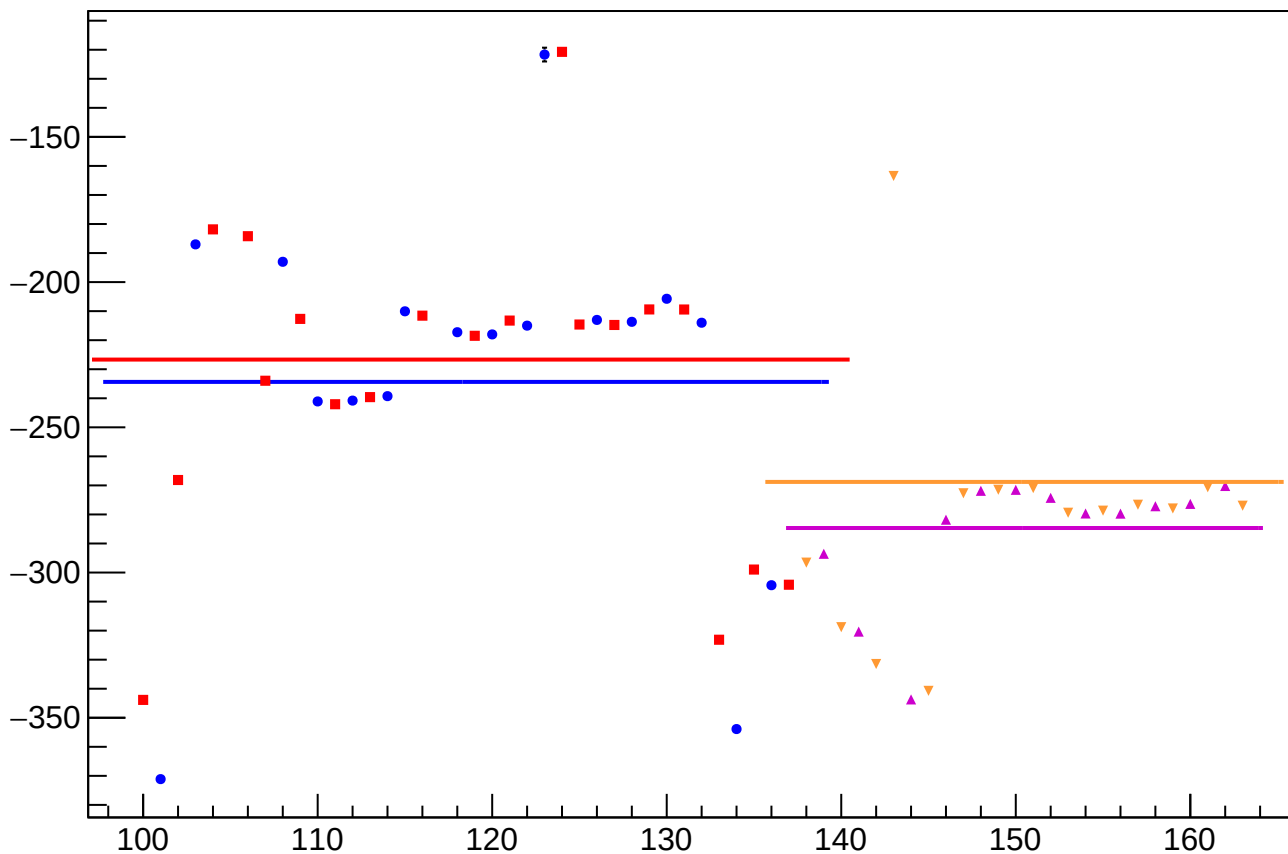
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 138.824 $\pm$ 1.768 χ^2 /NDF:953.0/28

Out: 128.310 $\pm$ 1.644 χ^2 /NDF:1010.6/32

All: 133.186 $\pm$ 1.204 χ^2 /NDF: 1982.6/61

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: -268.796 ± 0.106 $\chi^2/\text{NDF}: 204723.0/13$

Right Out: -226.674 ± 0.141 $\chi^2/\text{NDF}: 99490.5/18$

Left In: -284.666 ± 0.113 $\chi^2/\text{NDF}: 30666.0/11$

Left: -276.180 ± 0.077 $\chi^2/\text{NDF}: 245862.1/25$

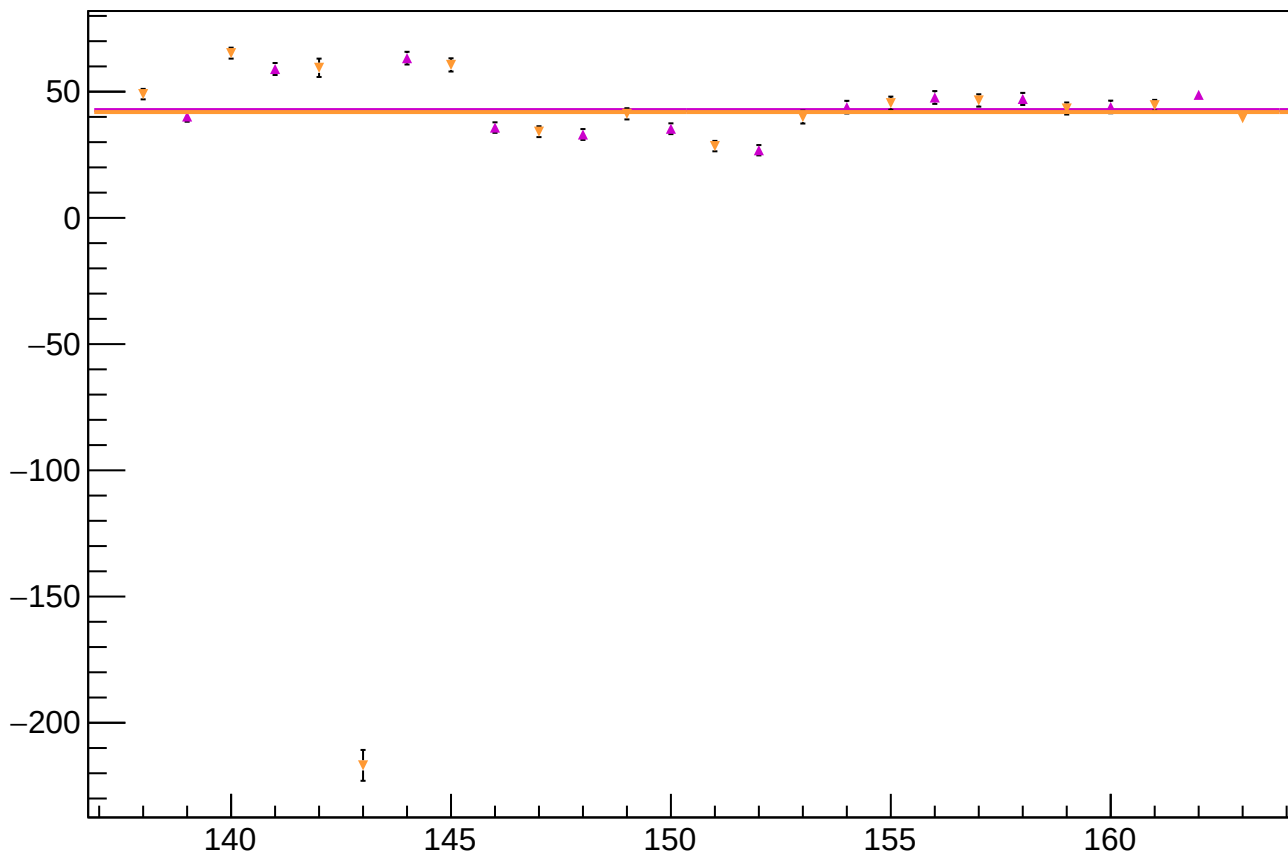
Right: -230.326 ± 0.102 $\chi^2/\text{NDF}: 246056.0/35$

In: -266.132 ± 0.090 $\chi^2/\text{NDF}: 248325.6/28$

Out: -253.662 ± 0.085 $\chi^2/\text{NDF}: 361183.9/32$

All: -259.508 ± 0.062 $\chi^2/\text{NDF}: 619679.6/61$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 41.919 $\pm$ 0.637 χ^2 /NDF:2060.1/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 42.707 $\pm$ 0.646 χ^2 /NDF:236.5/11

Left: 42.307 $\pm$ 0.453 χ^2 /NDF: 2297.4/25

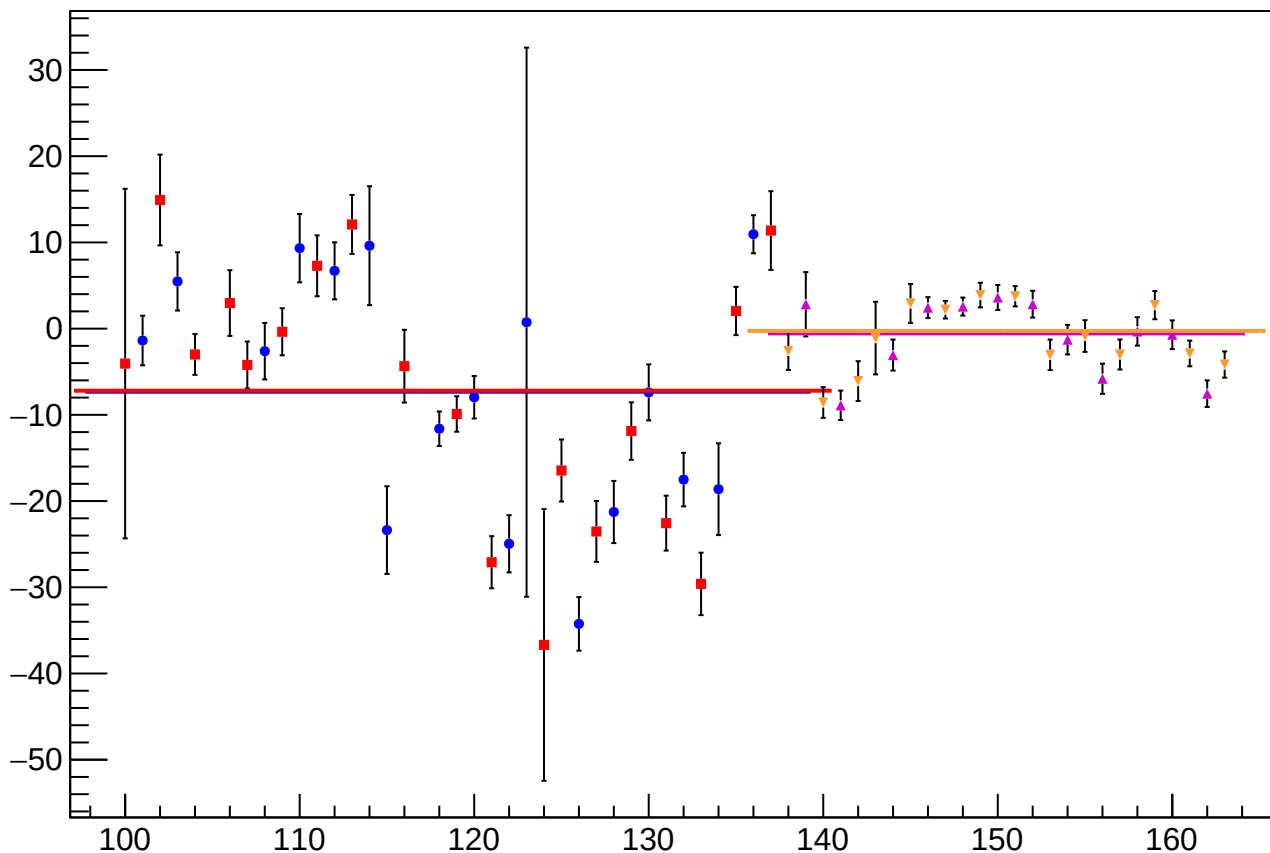
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.707 $\pm$ 0.646 χ^2 /NDF:236.5/11

Out: 41.919 $\pm$ 0.637 χ^2 /NDF:2060.1/13

All: 42.307 $\pm$ 0.453 χ^2 /NDF: 2297.4/25

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -0.268 ± 0.433 χ^2/NDF : 75.2/13

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -0.554 ± 0.446 χ^2/NDF : 84.5/11

Left: -0.407 ± 0.311 χ^2/NDF : 159.9/25

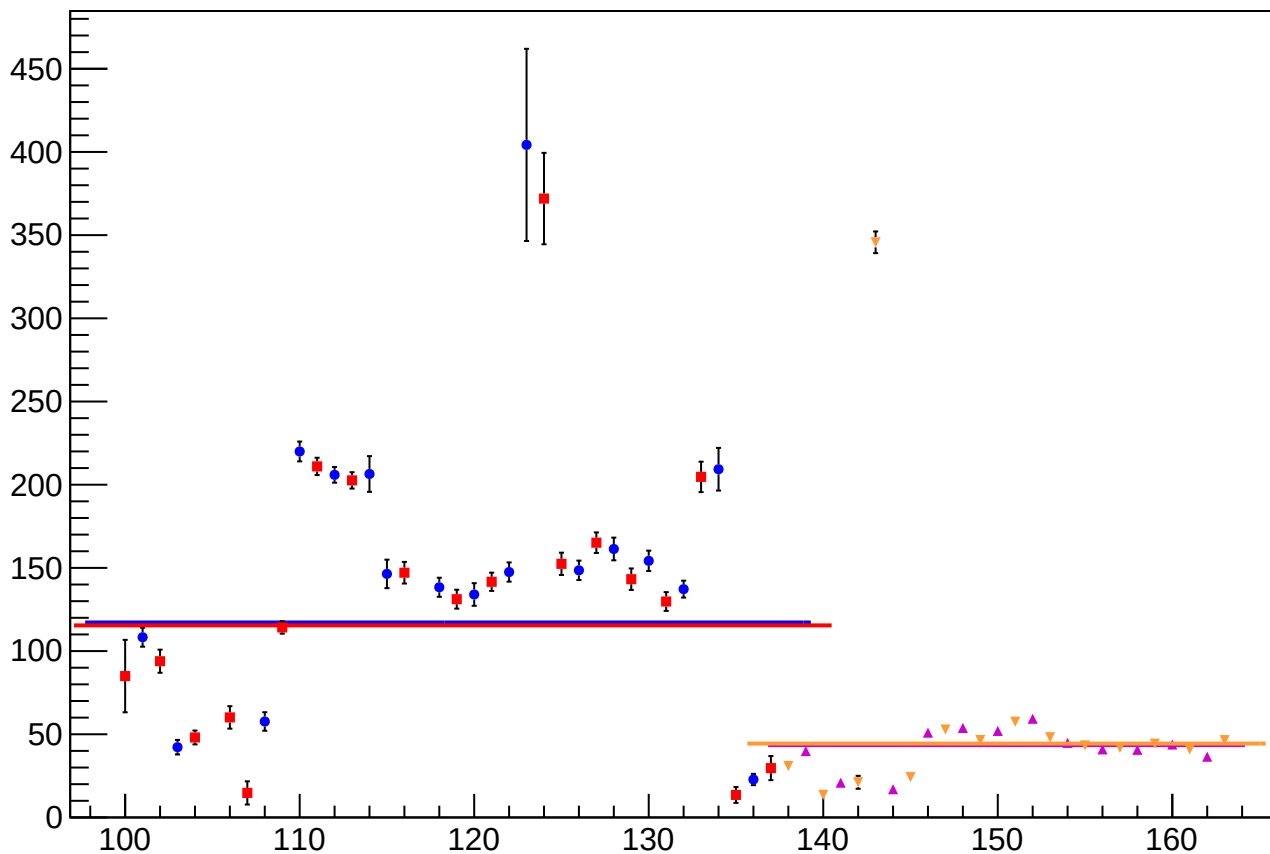
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.218 ± 0.387 χ^2/NDF : 420.2/28

Out: -1.962 ± 0.376 χ^2/NDF : 389.9/32

All: -2.086 ± 0.270 χ^2/NDF : 810.3/61

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: 44.405+/-0.619 χ^2/NDF :2513.0/13

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 43.487+/-0.626 χ^2/NDF :320.9/11

Left: 43.951+/-0.440 χ^2/NDF : 2835.0/25

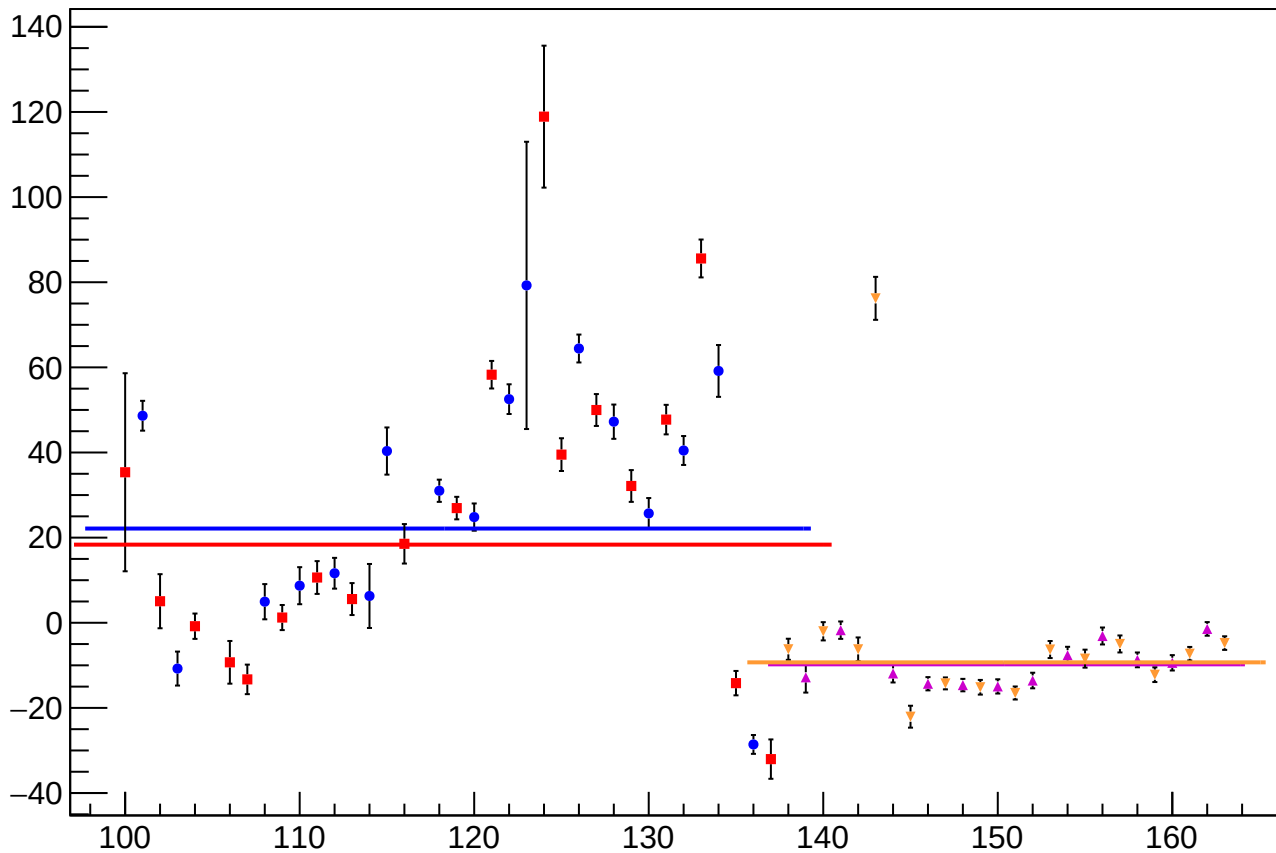
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 55.600+/-0.572 χ^2/NDF :4758.4/28

Out: 56.585+/-0.563 χ^2/NDF :6922.6/32

All: 56.100+/-0.401 χ^2/NDF : 11682.6/61

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -9.299 $\pm$ 0.512 χ^2 /NDF: 391.5/13

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -9.766 $\pm$ 0.526 χ^2 /NDF: 90.5/11

Left: -9.526 $\pm$ 0.367 χ^2 /NDF: 482.5/25

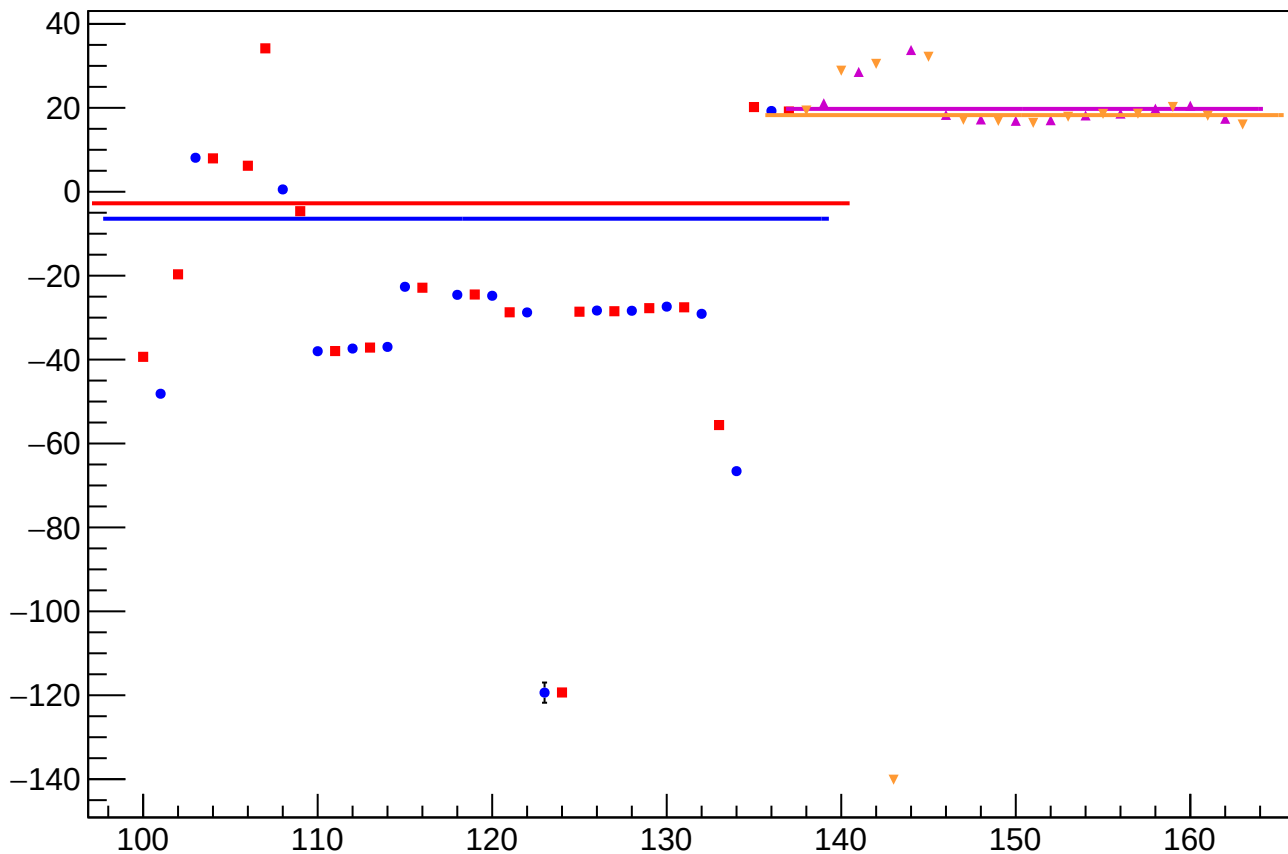
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: -1.512 $\pm$ 0.453 χ^2 /NDF: 2104.6/28

Out: -2.206 $\pm$ 0.441 χ^2 /NDF: 2211.2/32

All: -1.868 $\pm$ 0.316 χ^2 /NDF: 4317.1/61

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2 /NDF: 265170.6/16

Left Out: 18.266 $\pm$ 0.024 χ^2 /NDF: 401094.9/13

Right Out: -2.752 $\pm$ 0.046 χ^2 /NDF: 266290.0/18

Left In: 19.750 $\pm$ 0.024 χ^2 /NDF: 27063.6/11

Left: 19.002 $\pm$ 0.017 χ^2 /NDF: 430026.6/25

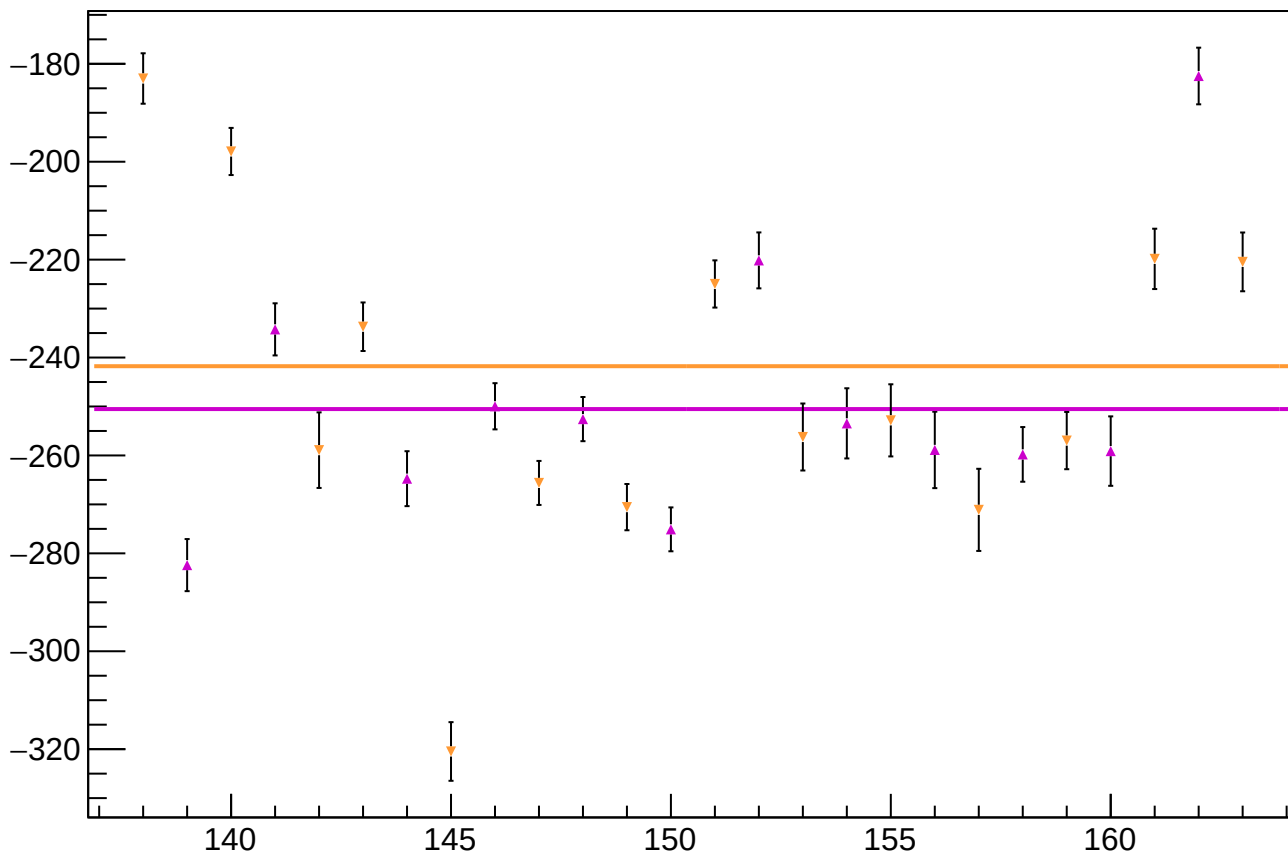
Right: -4.569 $\pm$ 0.032 χ^2 /NDF: 534660.8/35

In: 14.054 $\pm$ 0.022 χ^2 /NDF: 543297.0/28

Out: 13.661 $\pm$ 0.021 χ^2 /NDF: 832709.5/32

All: 13.856 $\pm$ 0.015 χ^2 /NDF: 1376174.3/61

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -241.770 $\pm$ 1.506 χ^2/NDF :521.6/13

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -250.526 $\pm$ 1.592 χ^2/NDF :254.0/11

Left: -245.906 $\pm$ 1.094 χ^2/NDF : 791.5/25

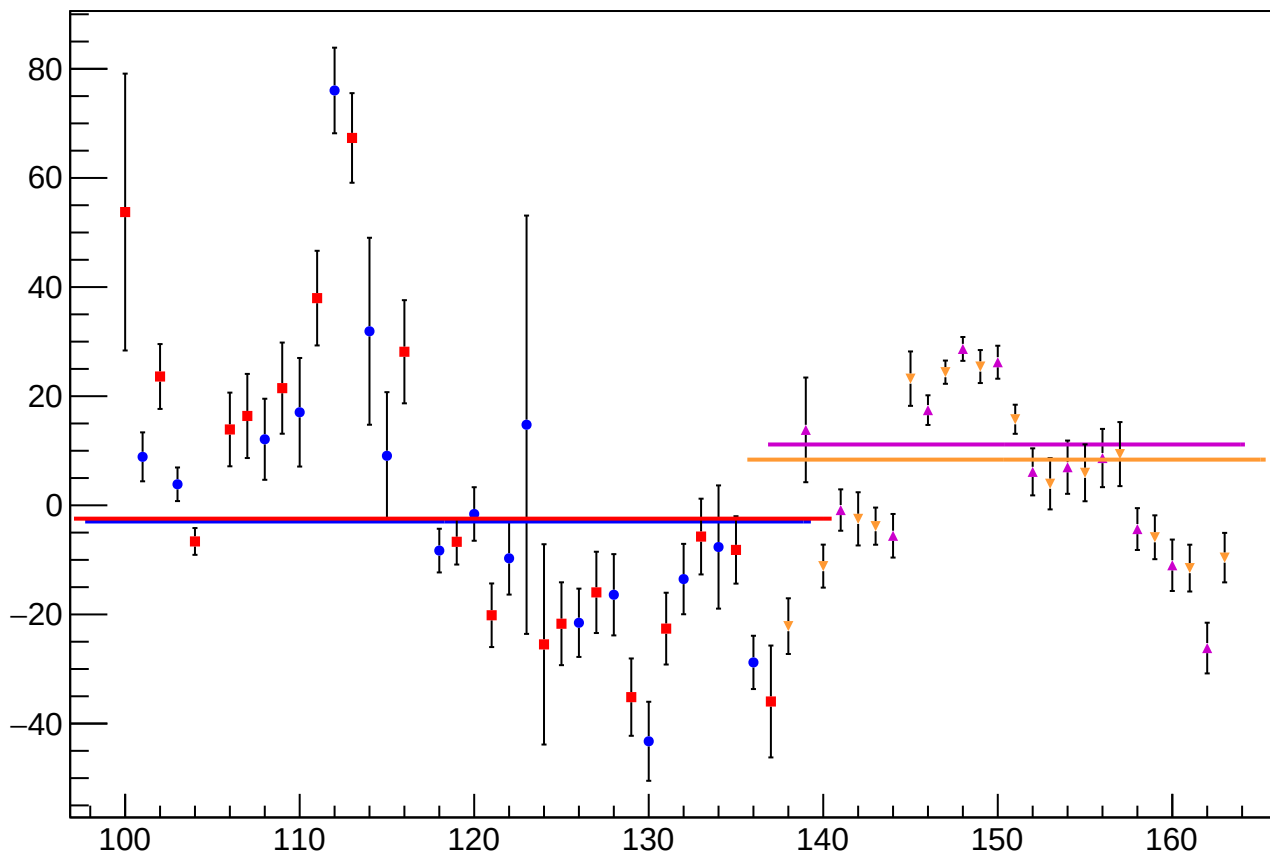
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -250.526 $\pm$ 1.592 χ^2/NDF :254.0/11

Out: -241.770 $\pm$ 1.506 χ^2/NDF :521.6/13

All: -245.906 $\pm$ 1.094 χ^2/NDF : 791.5/25

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: 8.377 ± 0.991 χ^2/NDF : 233.9/13

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 11.150 ± 1.062 χ^2/NDF : 227.3/11

Left: 9.669 ± 0.725 χ^2/NDF : 464.8/25

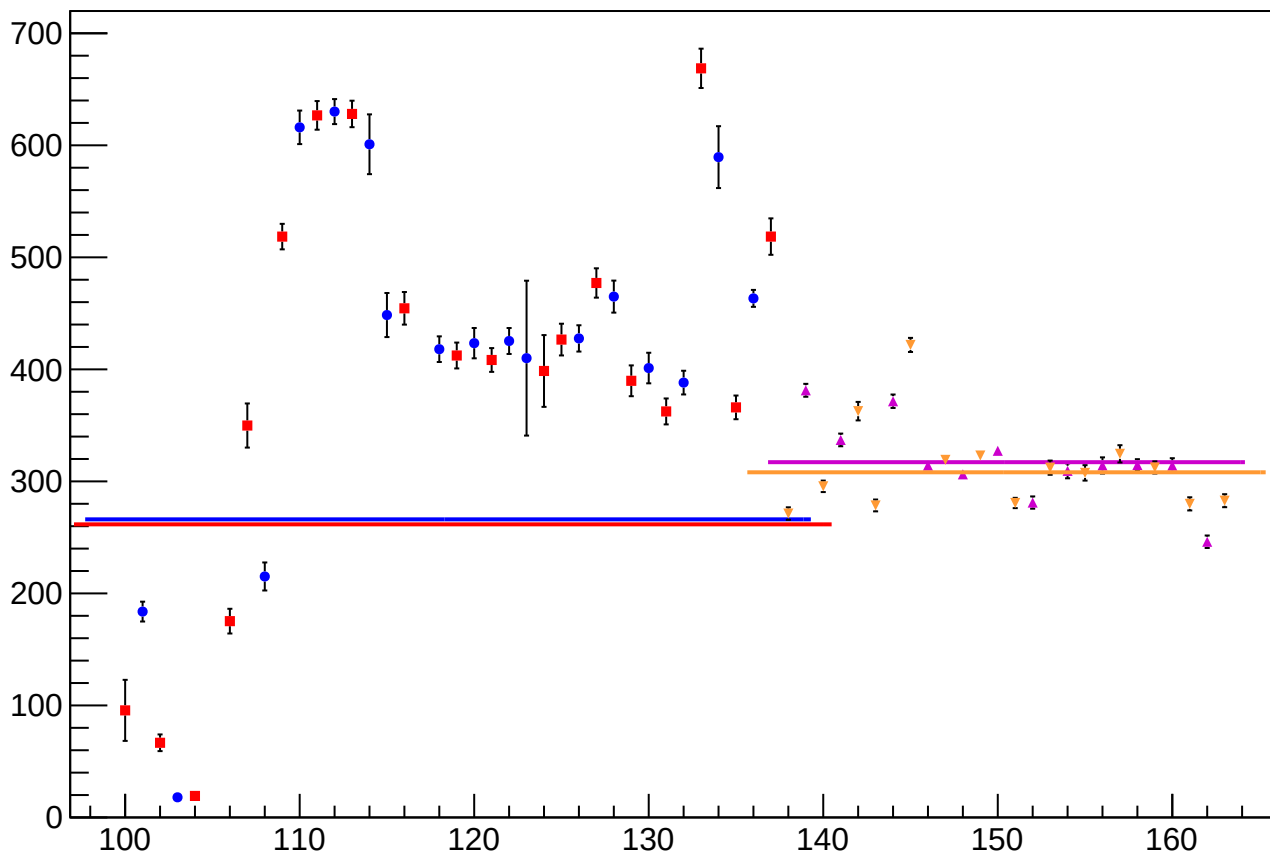
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 6.235 ± 0.857 χ^2/NDF : 492.4/28

Out: 4.751 ± 0.808 χ^2/NDF : 489.2/32

All: 5.450 ± 0.588 χ^2/NDF : 983.1/61

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: 308.110 $\pm$ 1.480 χ^2 /NDF:552.6/13

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 317.144 $\pm$ 1.545 χ^2 /NDF:439.3/11

Left: 312.433 $\pm$ 1.069 χ^2 /NDF: 1009.8/25

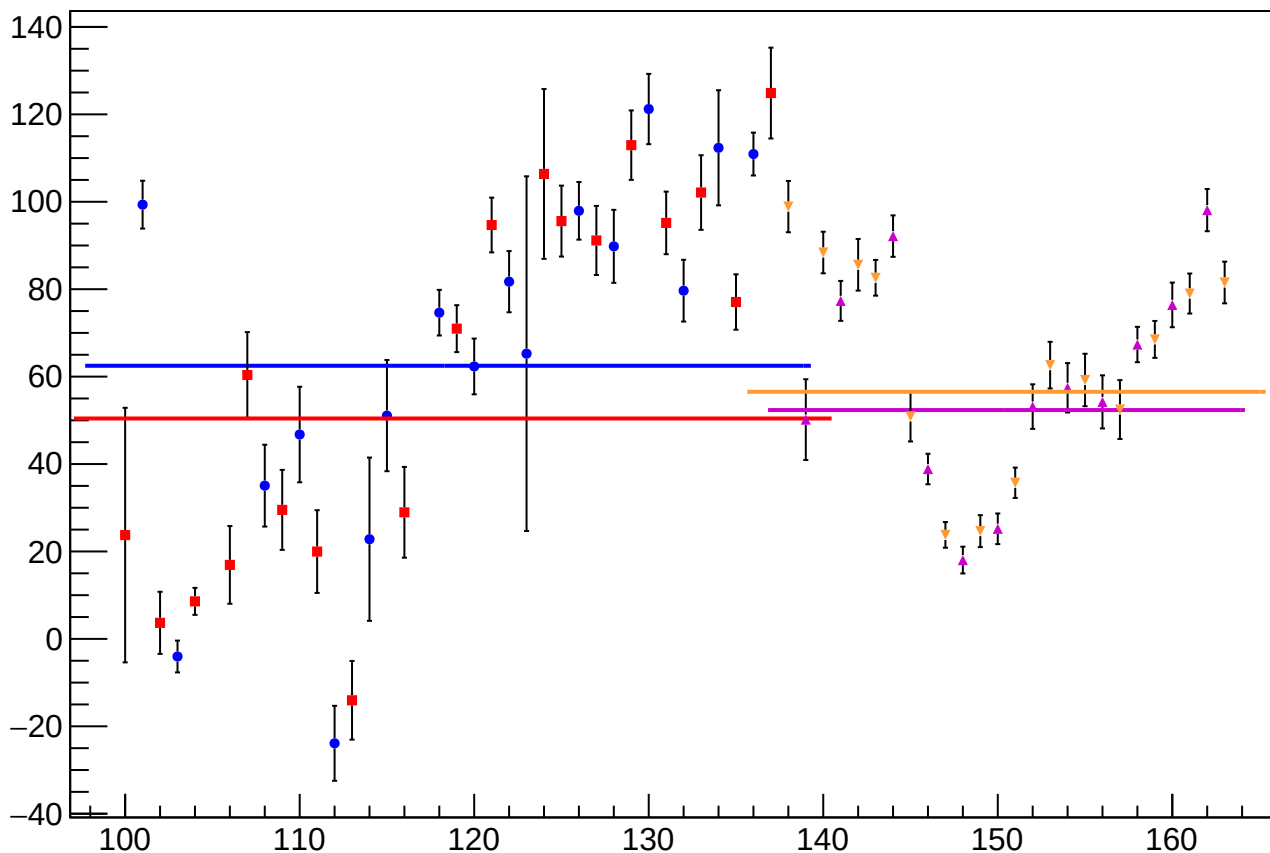
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 302.880 $\pm$ 1.311 χ^2 /NDF:8388.4/28

Out: 295.738 $\pm$ 1.268 χ^2 /NDF:9024.6/32

All: 299.188 $\pm$ 0.911 χ^2 /NDF: 17428.4/61

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 56.530 $\pm$ 1.197 χ^2 /NDF: 460.5/13

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 52.348 $\pm$ 1.276 χ^2 /NDF: 427.8/11

Left: 54.574 $\pm$ 0.873 χ^2 /NDF: 894.0/25

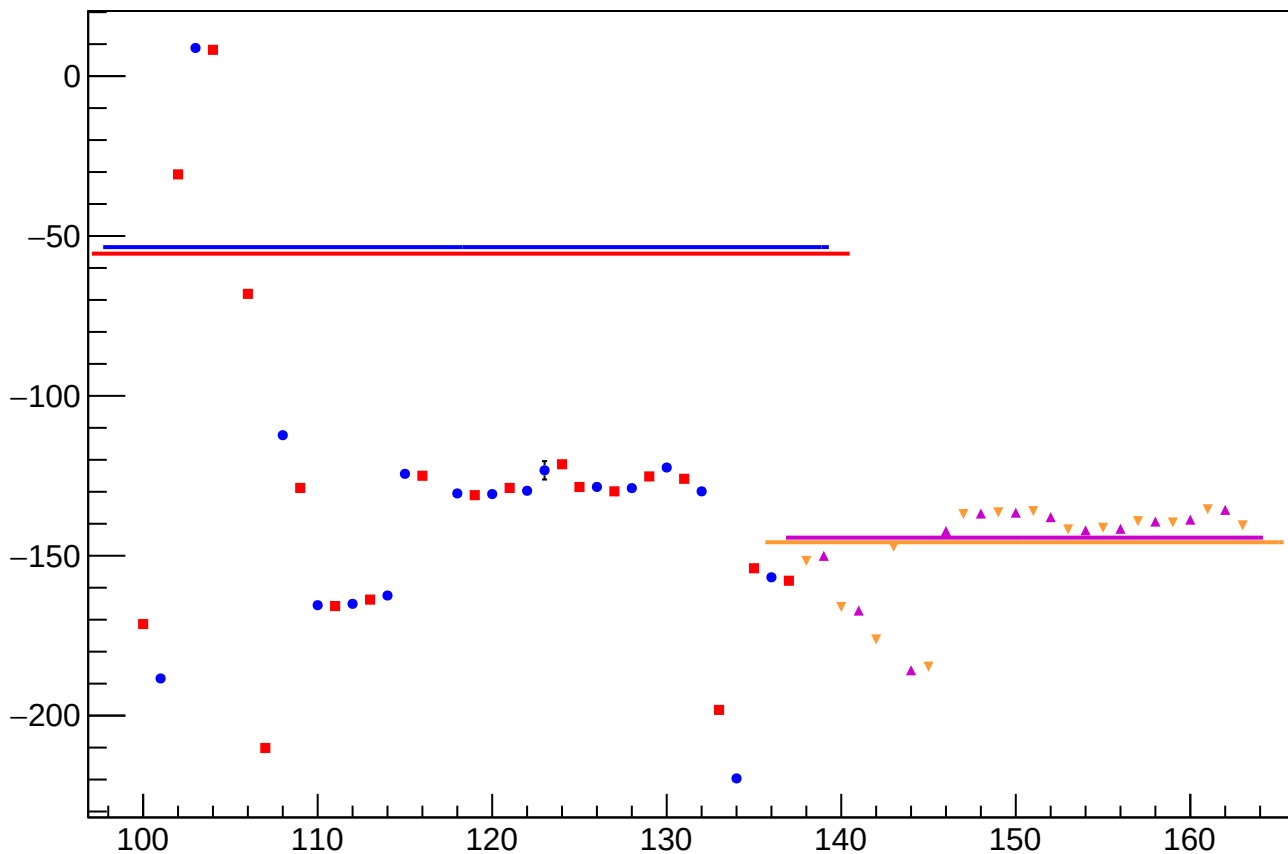
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 56.056 $\pm$ 1.017 χ^2 /NDF: 1171.6/28

Out: 54.411 $\pm$ 0.967 χ^2 /NDF: 1121.0/32

All: 55.192 $\pm$ 0.701 χ^2 /NDF: 2294.0/61

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: -145.786 ± 0.059 $\chi^2/\text{NDF}: 53627.4/13$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -144.344 ± 0.061 $\chi^2/\text{NDF}: 43295.3/11$

Left: -145.088 ± 0.043 $\chi^2/\text{NDF}: 97208.1/25$

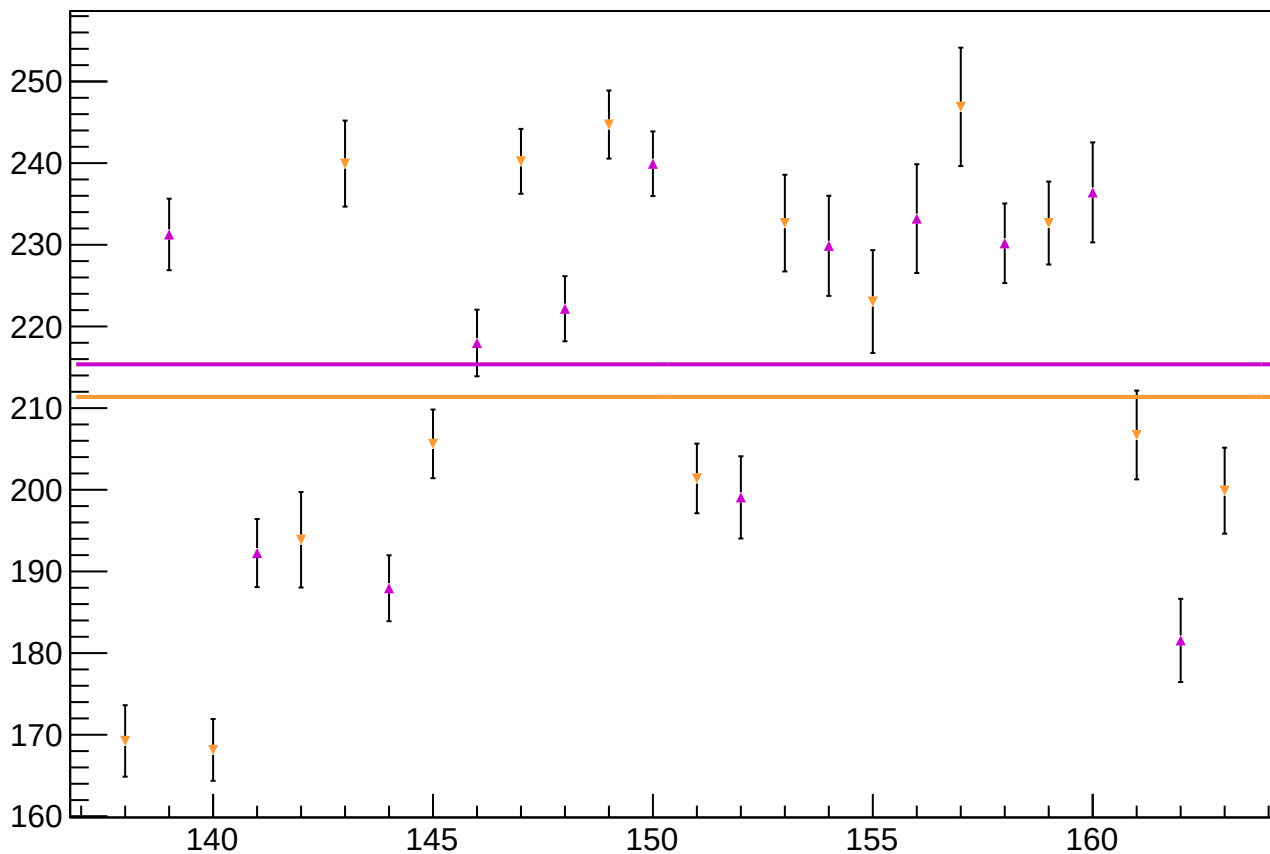
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -105.133 ± 0.046 $\chi^2/\text{NDF}: 2221430.4/28$

Out: -109.182 ± 0.046 $\chi^2/\text{NDF}: 1960536.5/32$

All: -107.175 ± 0.033 $\chi^2/\text{NDF}: 4185842.6/61$

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: 211.369+/-1.290 χ^2/NDF :449.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 215.361+/-1.344 χ^2/NDF :220.2/11

Left: 213.283+/-0.930 χ^2/NDF : 673.9/25

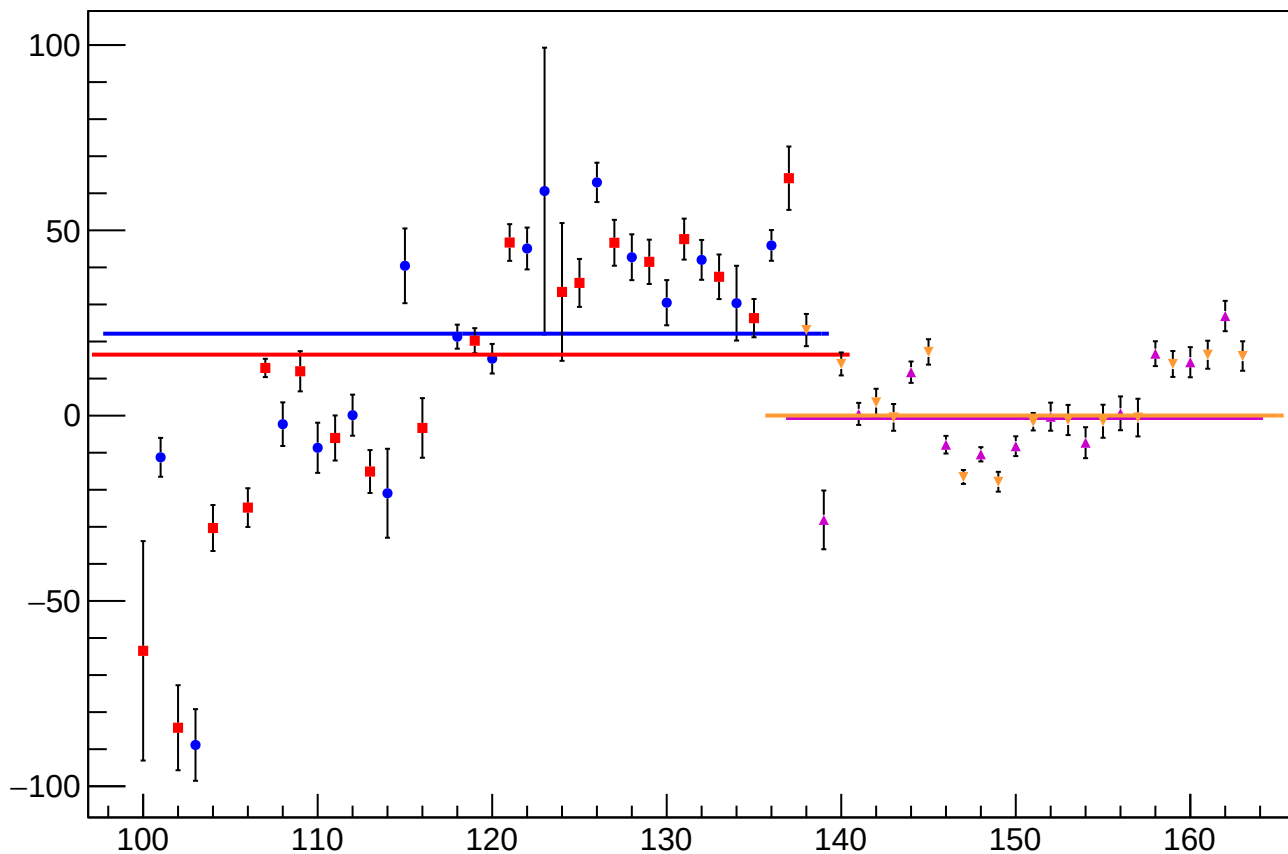
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.361+/-1.344 χ^2/NDF :220.2/11

Out: 211.369+/-1.290 χ^2/NDF :449.1/13

All: 213.283+/-0.930 χ^2/NDF : 673.9/25

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: 0.032 ± 0.858 $\chi^2/\text{NDF}: 248.1/13$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -0.628 ± 0.906 $\chi^2/\text{NDF}: 161.9/11$

Left: -0.280 ± 0.623 $\chi^2/\text{NDF}: 410.3/25$

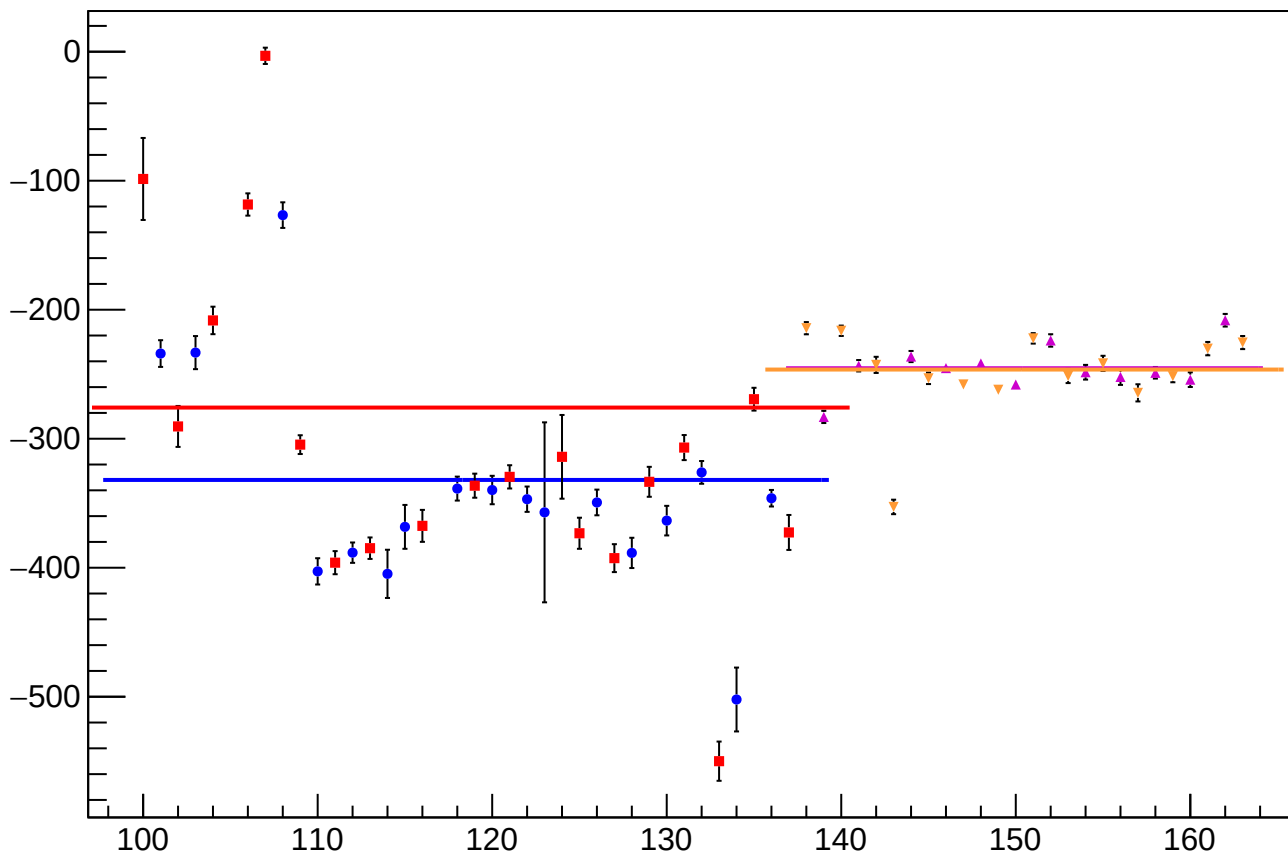
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 6.247 ± 0.757 $\chi^2/\text{NDF}: 734.5/28$

Out: 5.423 ± 0.703 $\chi^2/\text{NDF}: 792.6/32$

All: 5.805 ± 0.515 $\chi^2/\text{NDF}: 1527.7/61$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -246.386 ± 1.272 χ^2/NDF : 561.6/13

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -245.350 ± 1.312 χ^2/NDF : 162.8/11

Left: -245.884 ± 0.913 χ^2/NDF : 724.7/25

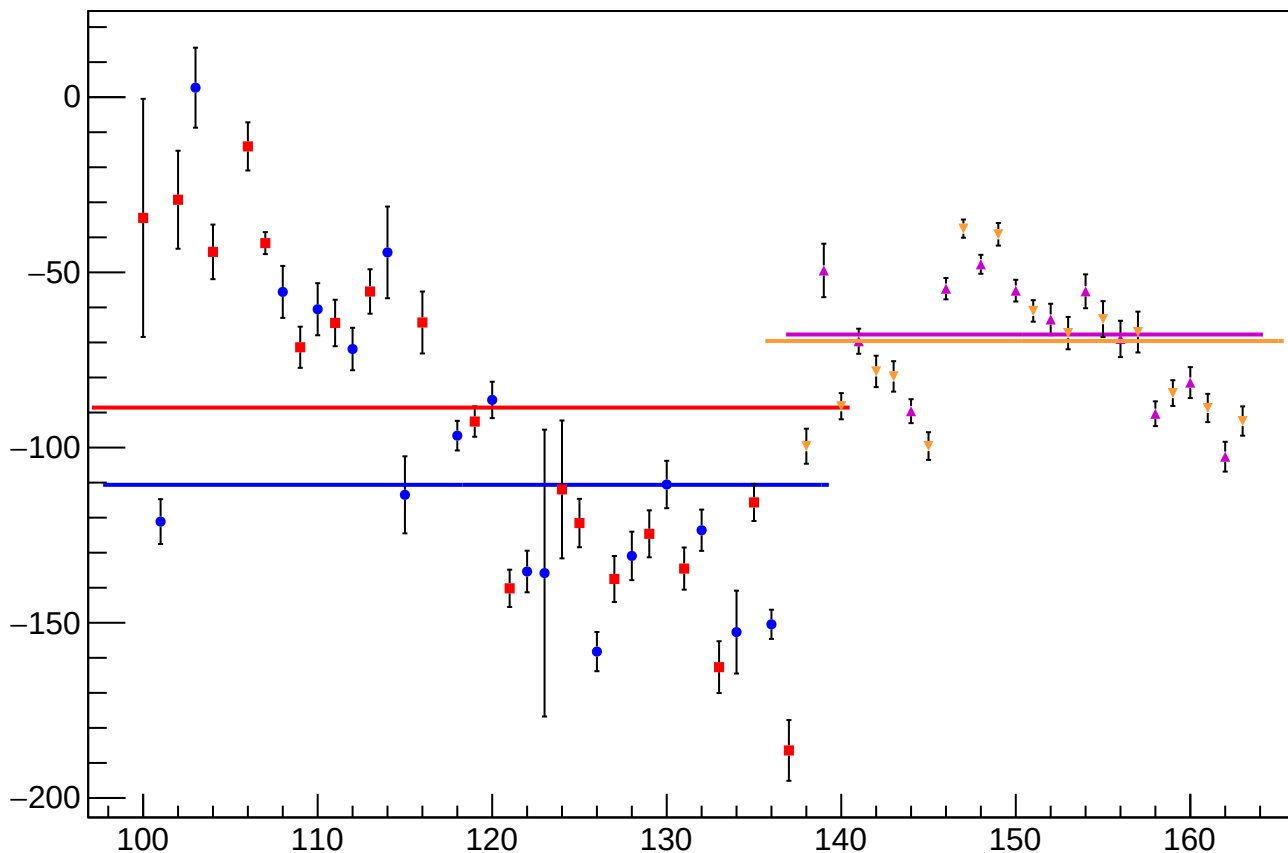
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -263.275 ± 1.168 χ^2/NDF : 1850.7/28

Out: -253.179 ± 1.116 χ^2/NDF : 4047.0/32

All: -257.995 ± 0.807 χ^2/NDF : 5936.8/61

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: -69.592 ± 1.033 χ^2/NDF : 447.6/13

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -67.728 ± 1.087 χ^2/NDF : 262.2/11

Left: -68.707 ± 0.749 χ^2/NDF : 711.3/25

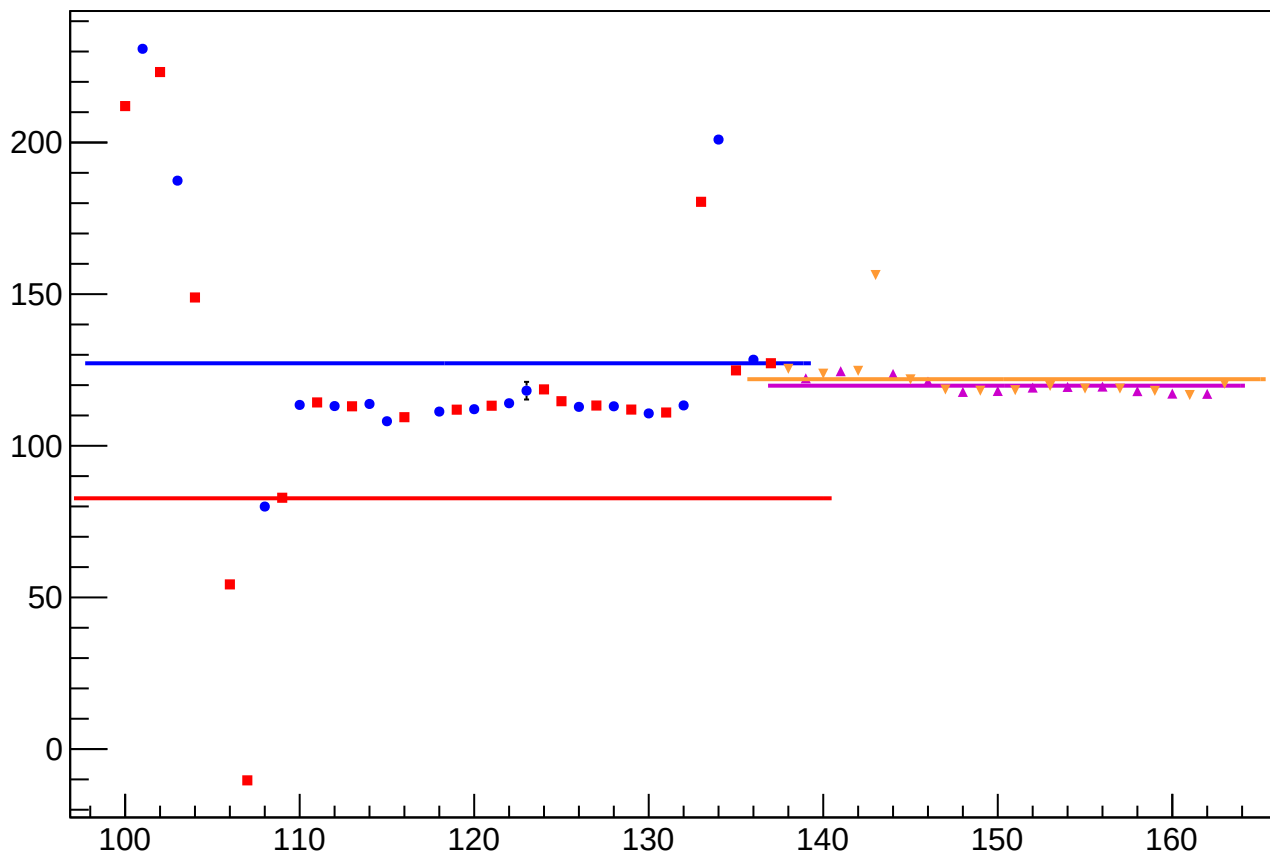
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -81.496 ± 0.896 χ^2/NDF : 1271.1/28

Out: -76.089 ± 0.838 χ^2/NDF : 1529.7/32

All: -78.614 ± 0.612 χ^2/NDF : 2820.2/61

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: 121.959 $\pm$ 0.051 χ^2 /NDF: 26744.4/13

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 119.820 $\pm$ 0.052 χ^2 /NDF: 2170.2/11

Left: 120.912 $\pm$ 0.036 χ^2 /NDF: 29777.0/25

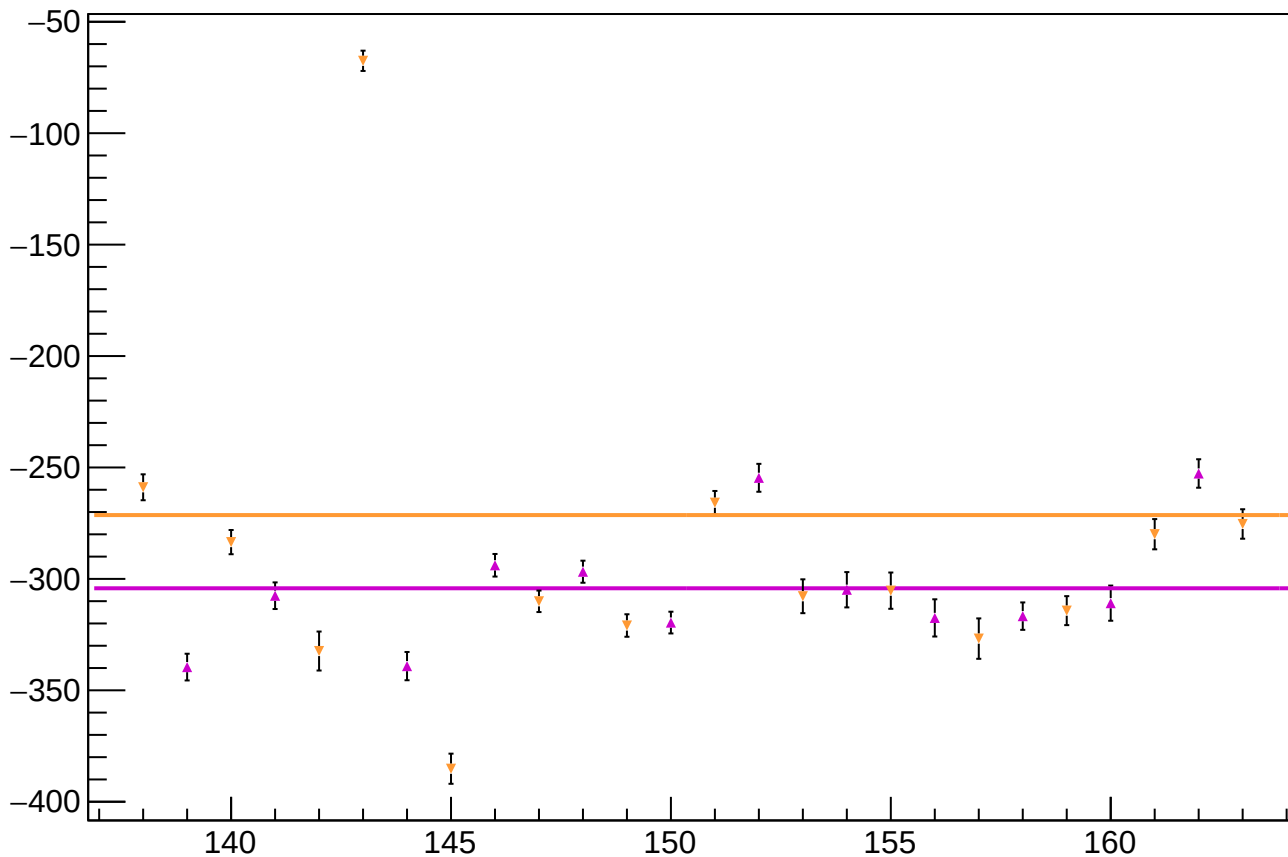
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.698 $\pm$ 0.045 χ^2 /NDF: 195315.2/28

Out: 109.615 $\pm$ 0.042 χ^2 /NDF: 979010.8/32

All: 115.277 $\pm$ 0.031 χ^2 /NDF: 1212724.4/61

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: -271.364 ± 1.627 χ^2/NDF : 2634.1/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -304.215 ± 1.753 χ^2/NDF : 216.9/11

Left: -286.565 ± 1.193 χ^2/NDF : 3039.6/25

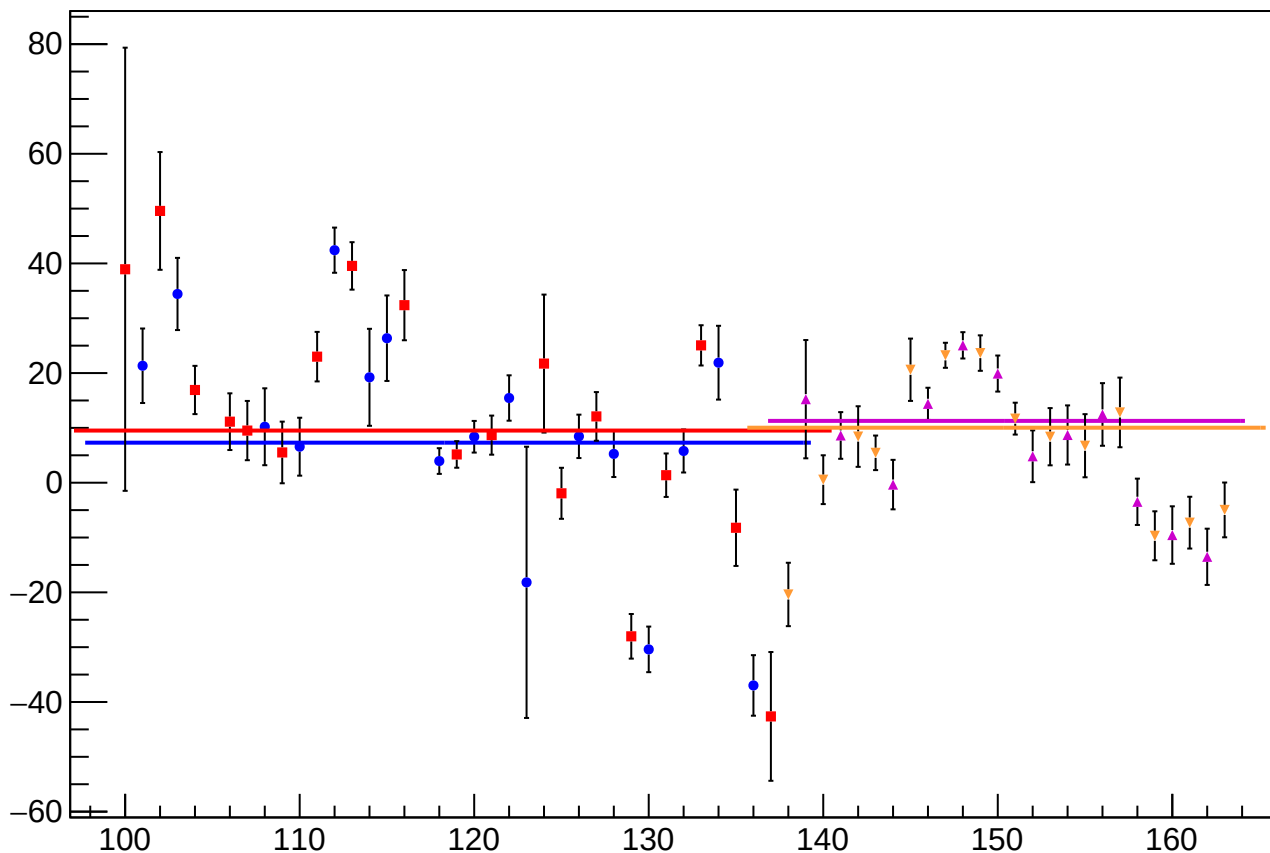
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -304.215 ± 1.753 χ^2/NDF : 216.9/11

Out: -271.364 ± 1.627 χ^2/NDF : 2634.1/13

All: -286.565 ± 1.193 χ^2/NDF : 3039.6/25

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: 10.033 ± 1.068 χ^2/NDF : 131.9/13

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 11.277 ± 1.166 χ^2/NDF : 101.6/11

Left: 10.600 ± 0.788 χ^2/NDF : 234.1/25

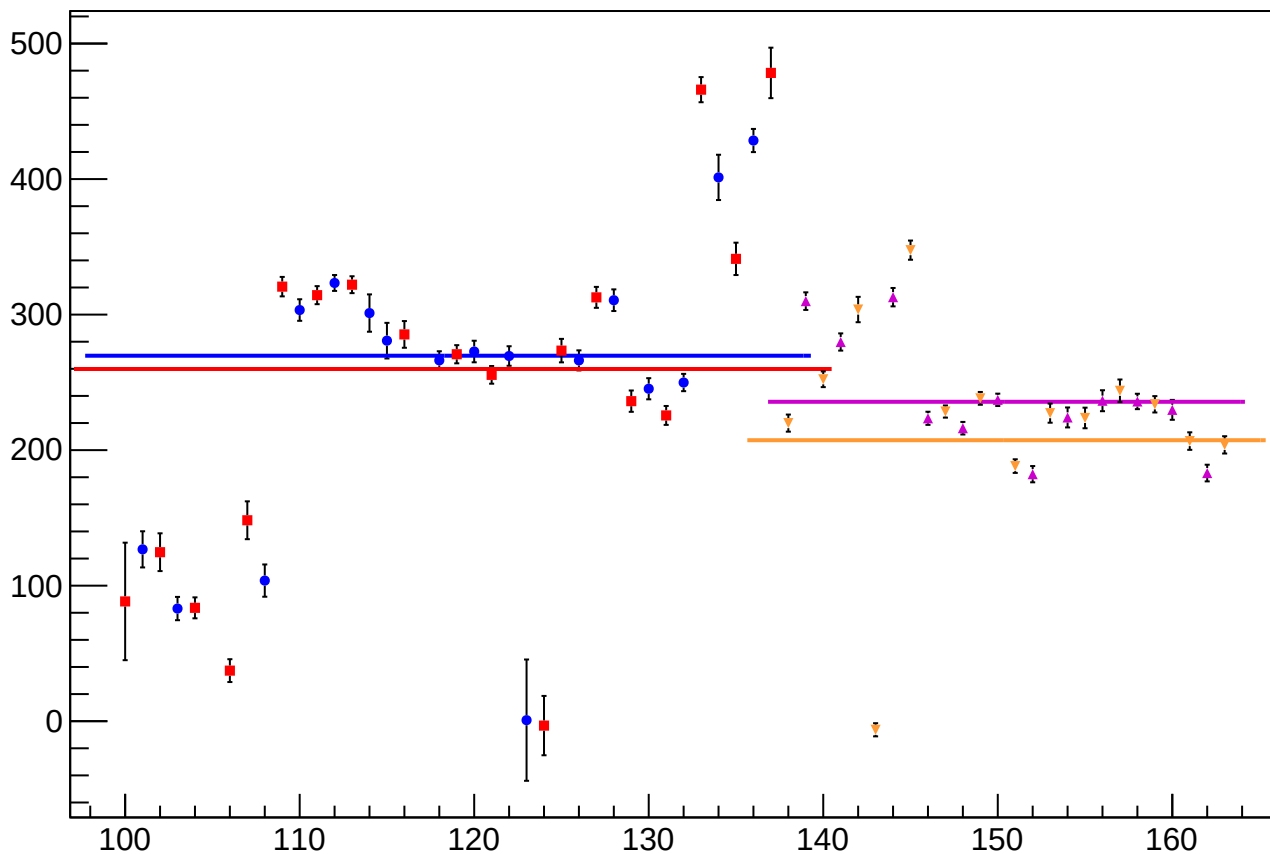
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 9.147 ± 0.795 χ^2/NDF : 368.4/28

Out: 9.774 ± 0.757 χ^2/NDF : 363.7/32

All: 9.476 ± 0.548 χ^2/NDF : 732.4/61

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: 207.317 $\pm$ 1.600 χ^2 /NDF: 2631.8/13

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 235.674 $\pm$ 1.699 χ^2 /NDF: 488.3/11

Left: 220.648 $\pm$ 1.165 χ^2 /NDF: 3267.7/25

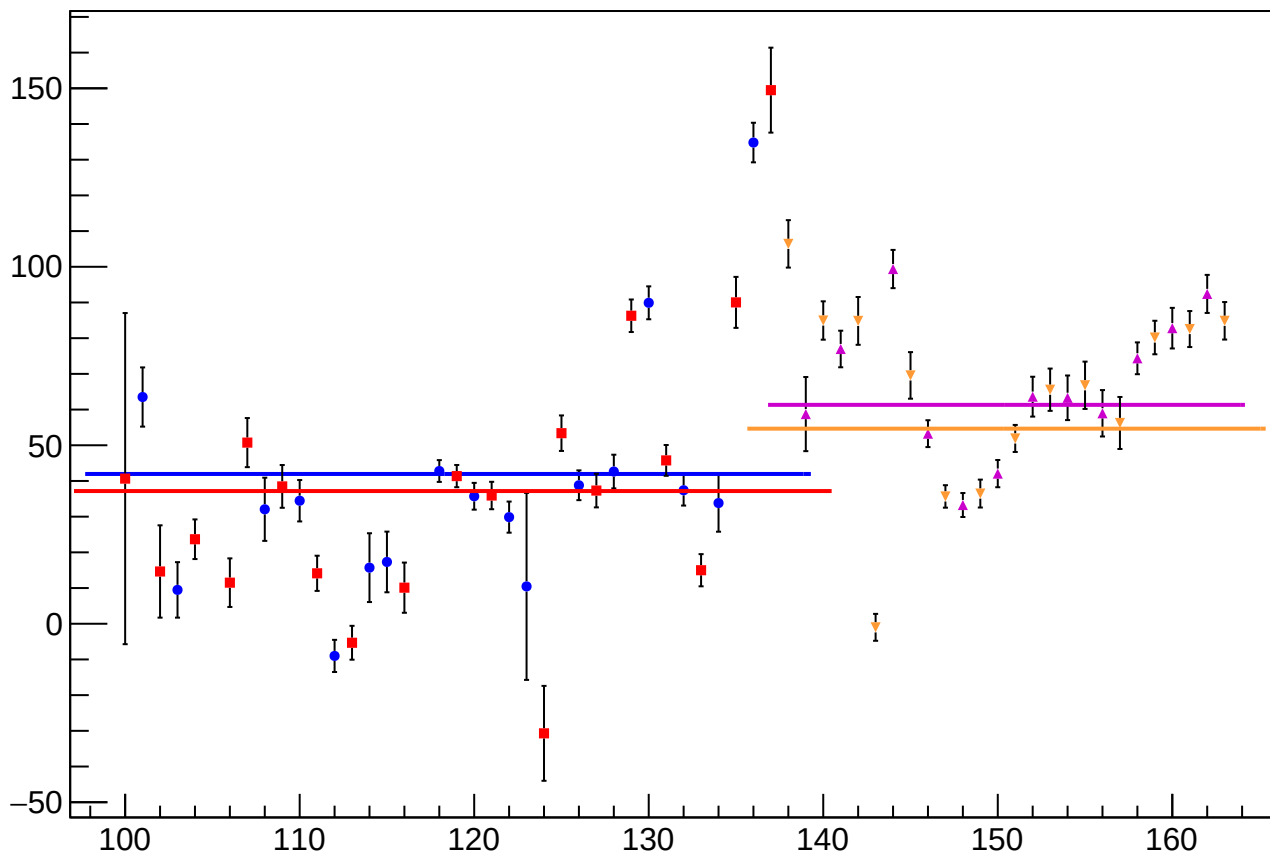
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 249.309 $\pm$ 1.315 χ^2 /NDF: 2025.4/28

Out: 228.125 $\pm$ 1.244 χ^2 /NDF: 5602.4/32

All: 238.129 $\pm$ 0.904 χ^2 /NDF: 7764.8/61

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: 54.652 $\pm$ 1.291 χ^2 /NDF:494.7/13

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 61.319 $\pm$ 1.403 χ^2 /NDF:217.0/11

Left: 57.708 $\pm$ 0.950 χ^2 /NDF: 723.9/25

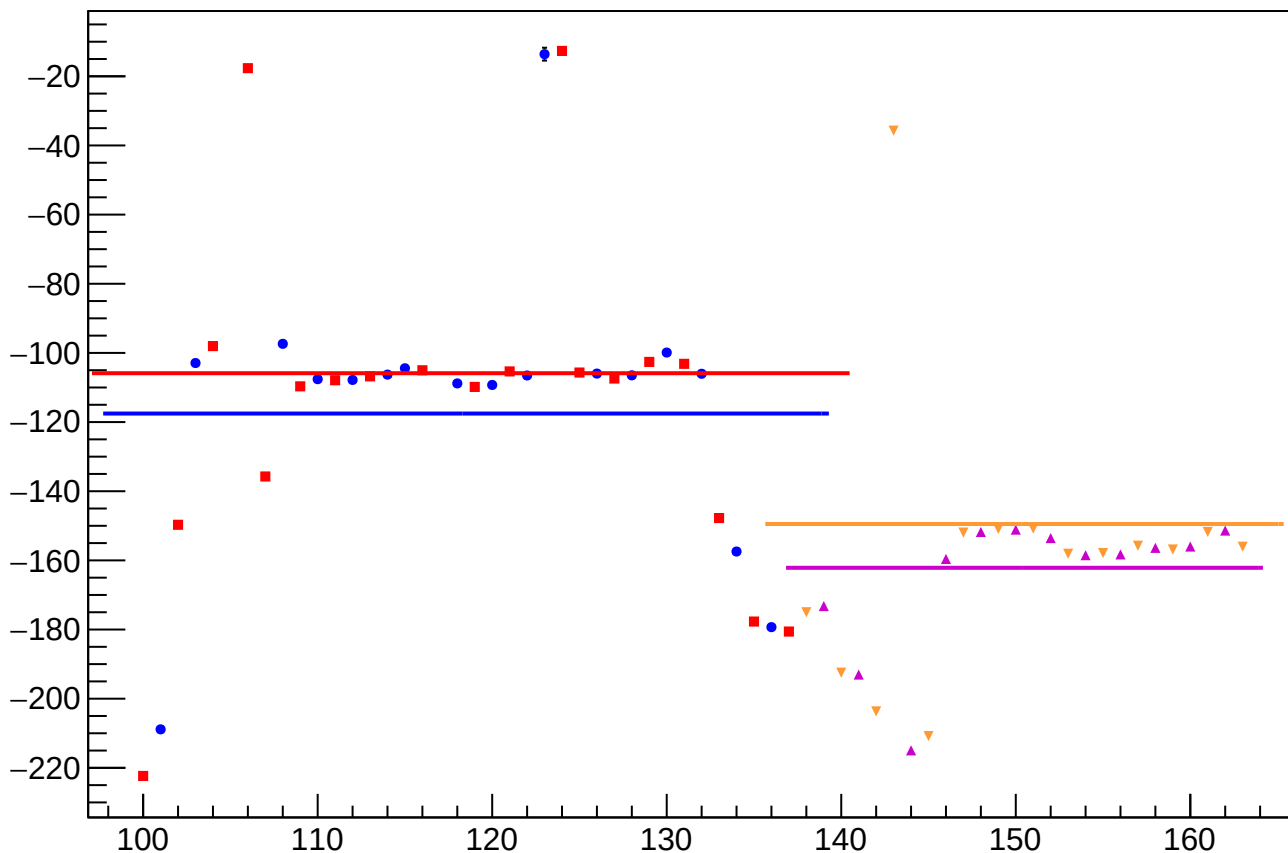
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 50.589 $\pm$ 0.937 χ^2 /NDF:896.8/28

Out: 45.533 $\pm$ 0.893 χ^2 /NDF:1061.3/32

All: 47.939 $\pm$ 0.646 χ^2 /NDF: 1973.3/61

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: -149.483+/-0.064 χ^2/NDF : 453578.1/13

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -162.143+/-0.067 χ^2/NDF : 59452.7/11

Left: -155.512+/-0.047 χ^2/NDF : 531497.1/25

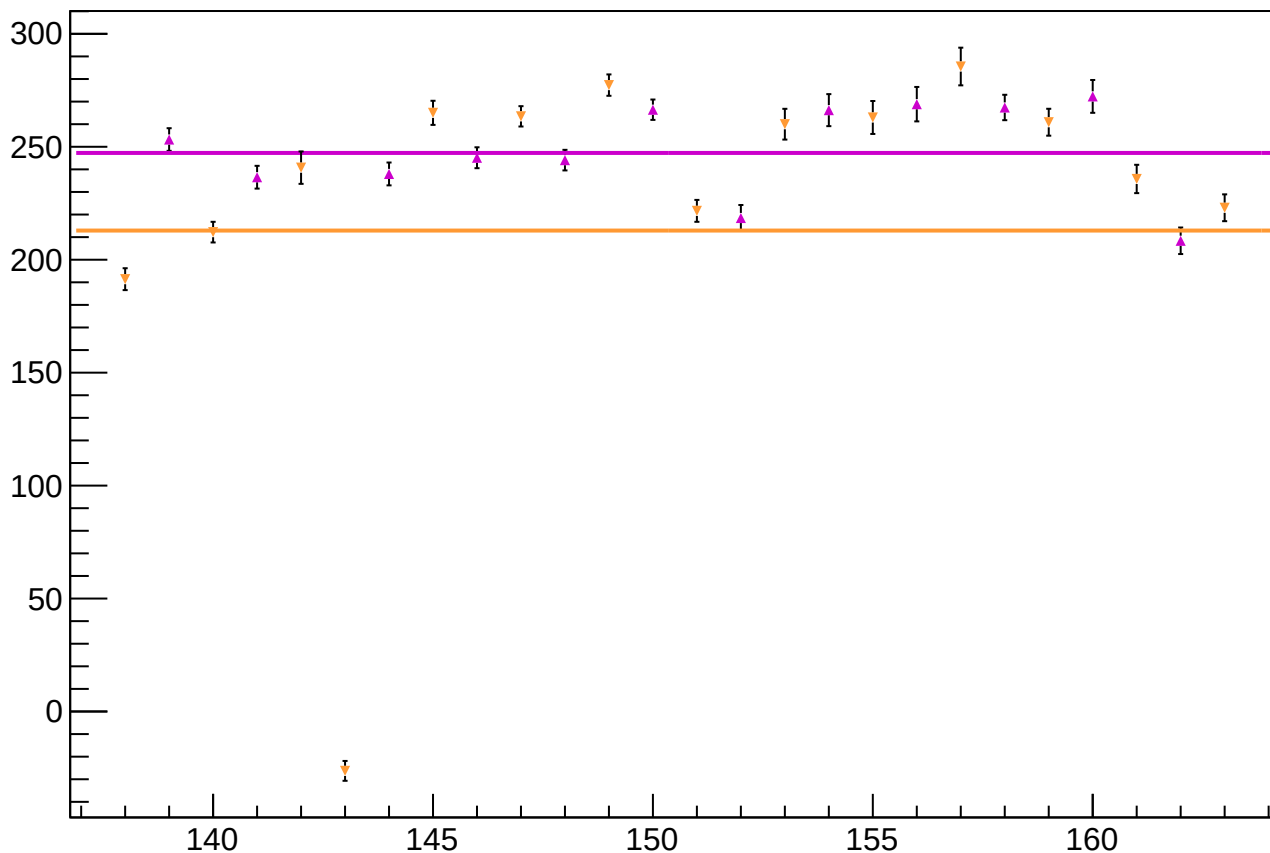
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -143.100+/-0.051 χ^2/NDF : 388357.9/28

Out: -130.367+/-0.048 χ^2/NDF : 979654.5/32

All: -136.366+/-0.035 χ^2/NDF : 1400919.9/61

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 212.914+/-1.459 χ^2/NDF :3658.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.275+/-1.563 χ^2/NDF :136.8/11

Left: 228.908+/-1.066 χ^2/NDF : 4053.7/25

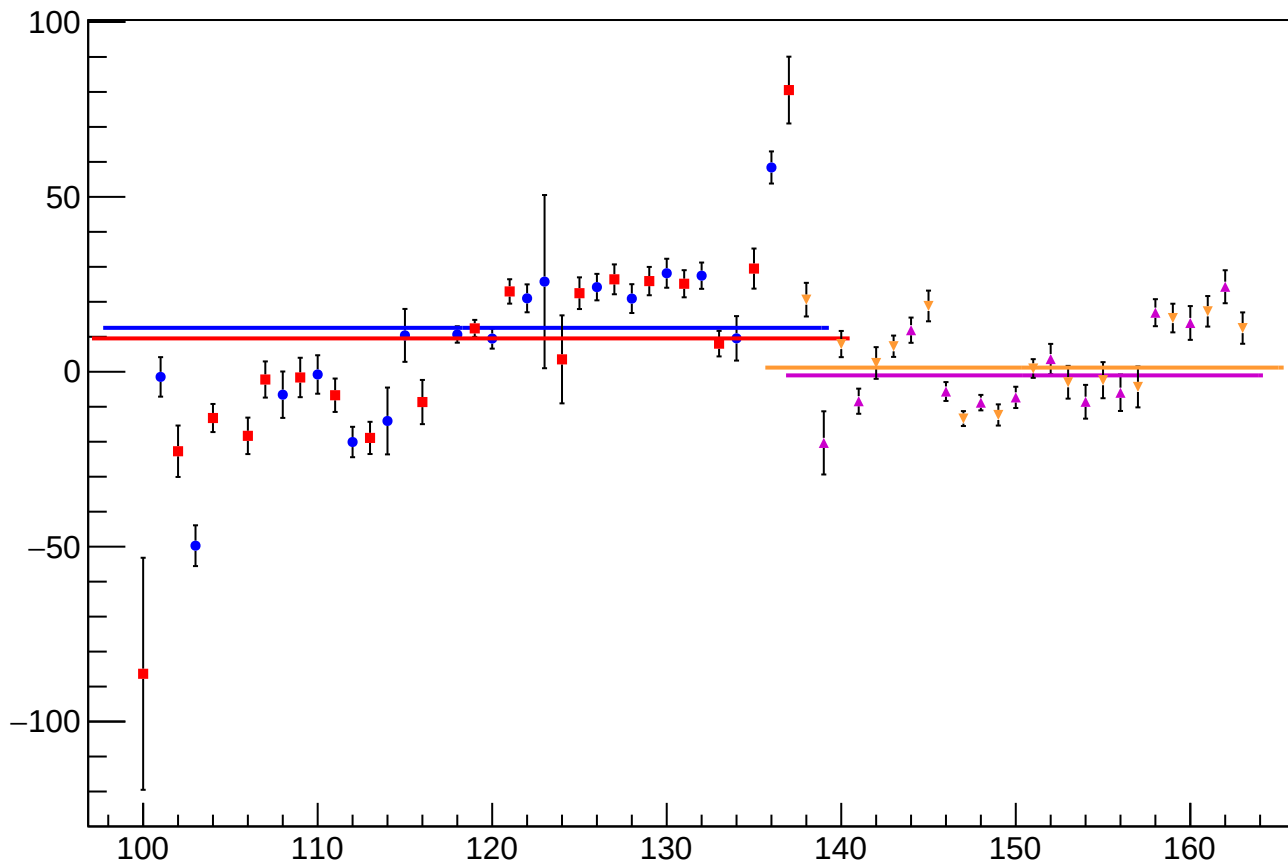
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.275+/-1.563 χ^2/NDF :136.8/11

Out: 212.914+/-1.459 χ^2/NDF :3658.6/13

All: 228.908+/-1.066 χ^2/NDF : 4053.7/25

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 $\chi^2/\text{NDF}: 348.6/16$

Left Out: 1.194 ± 0.969 $\chi^2/\text{NDF}: 140.5/13$

Right Out: 9.535 ± 1.049 $\chi^2/\text{NDF}: 295.8/18$

Left In: -1.034 ± 1.051 $\chi^2/\text{NDF}: 105.8/11$

Left: 0.171 ± 0.712 $\chi^2/\text{NDF}: 248.7/25$

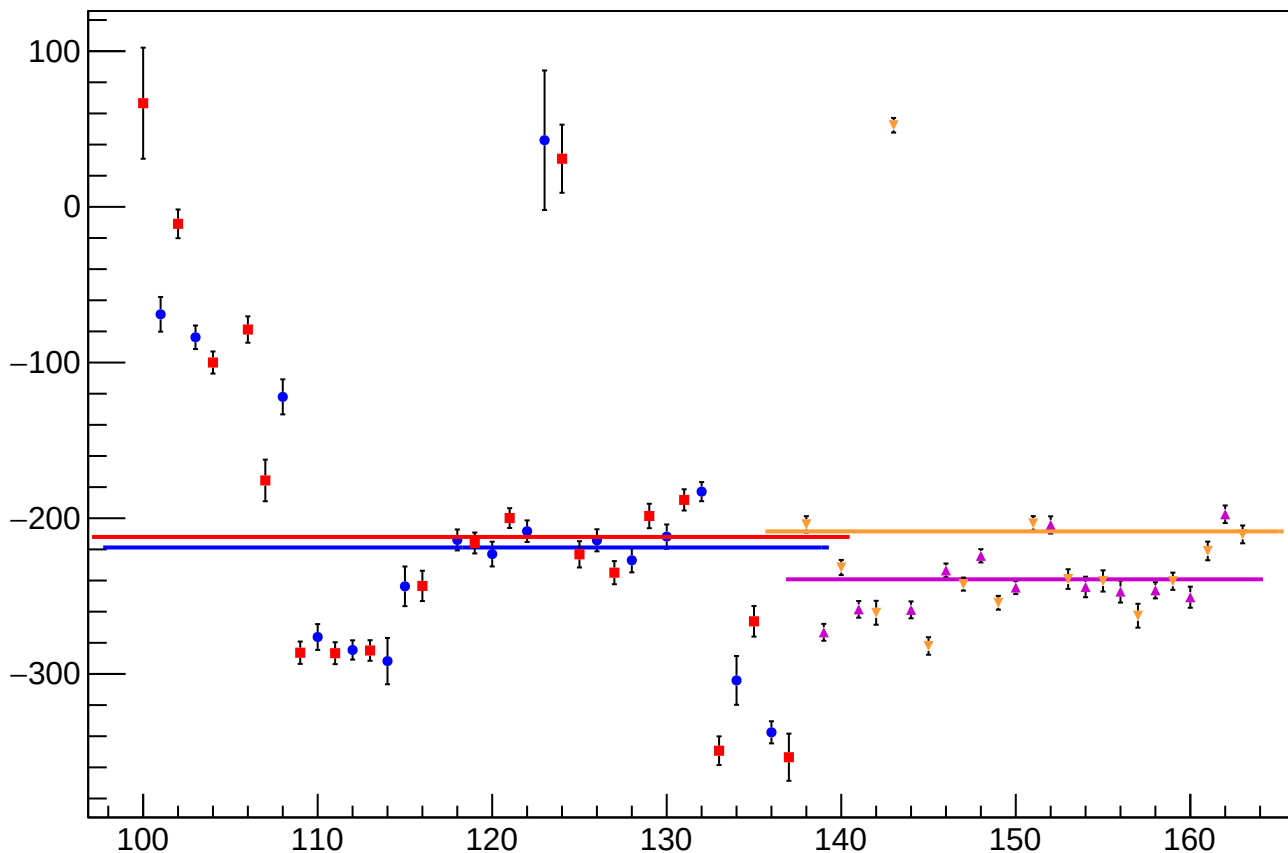
Right: 11.035 ± 0.745 $\chi^2/\text{NDF}: 648.5/35$

In: 5.723 ± 0.746 $\chi^2/\text{NDF}: 537.4/28$

Out: 5.034 ± 0.712 $\chi^2/\text{NDF}: 470.5/32$

All: 5.363 ± 0.515 $\chi^2/\text{NDF}: 1008.4/61$

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: -208.449 ± 1.441 $\chi^2/\text{NDF}: 3643.0/13$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -239.218 ± 1.522 $\chi^2/\text{NDF}: 182.5/11$

Left: -222.987 ± 1.046 $\chi^2/\text{NDF}: 4041.0/25$

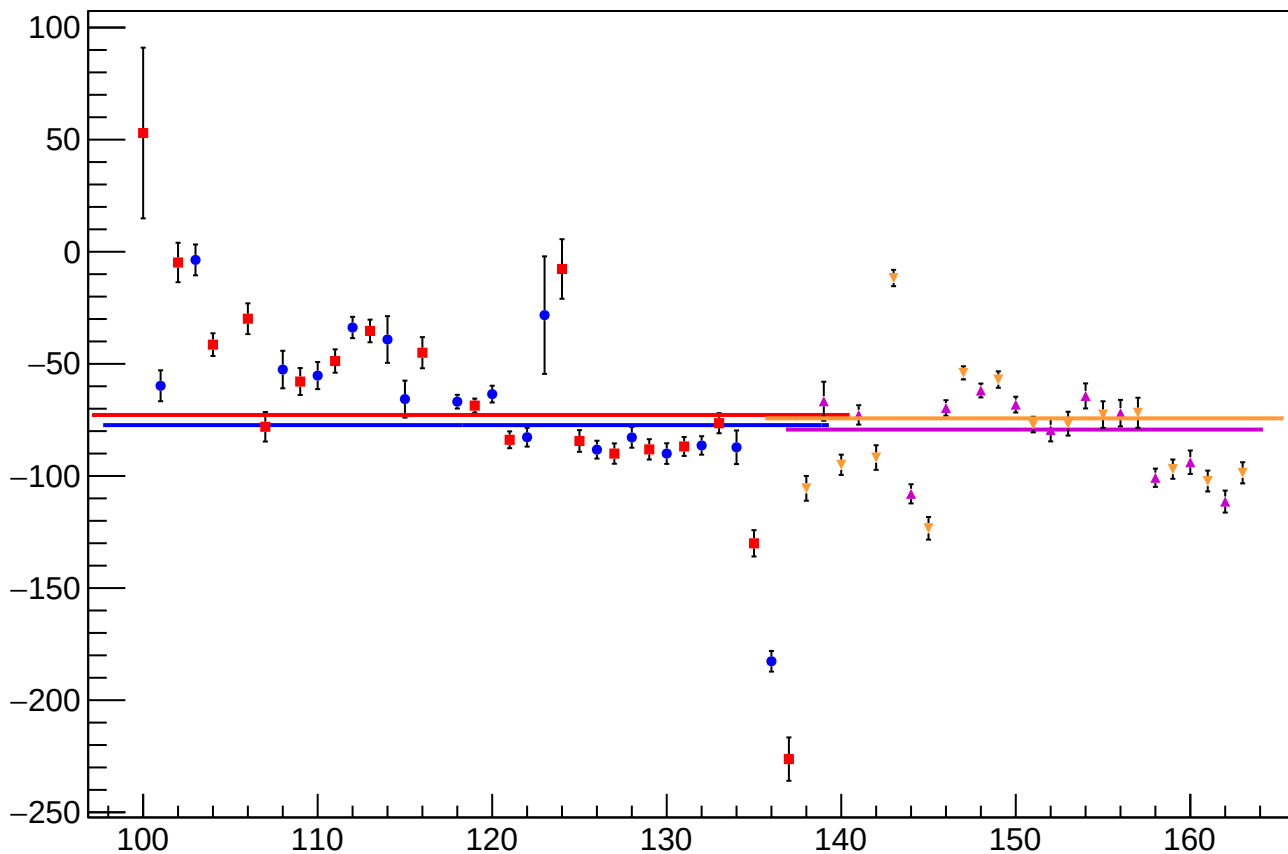
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -231.766 ± 1.214 $\chi^2/\text{NDF}: 1392.7/28$

Out: -209.727 ± 1.153 $\chi^2/\text{NDF}: 5530.8/32$

All: -220.184 ± 0.836 $\chi^2/\text{NDF}: 7096.9/61$

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: -74.301 ± 1.168 χ^2/NDF : 613.9/13

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -79.311 ± 1.263 χ^2/NDF : 186.1/11

Left: -76.611 ± 0.857 χ^2/NDF : 808.4/25

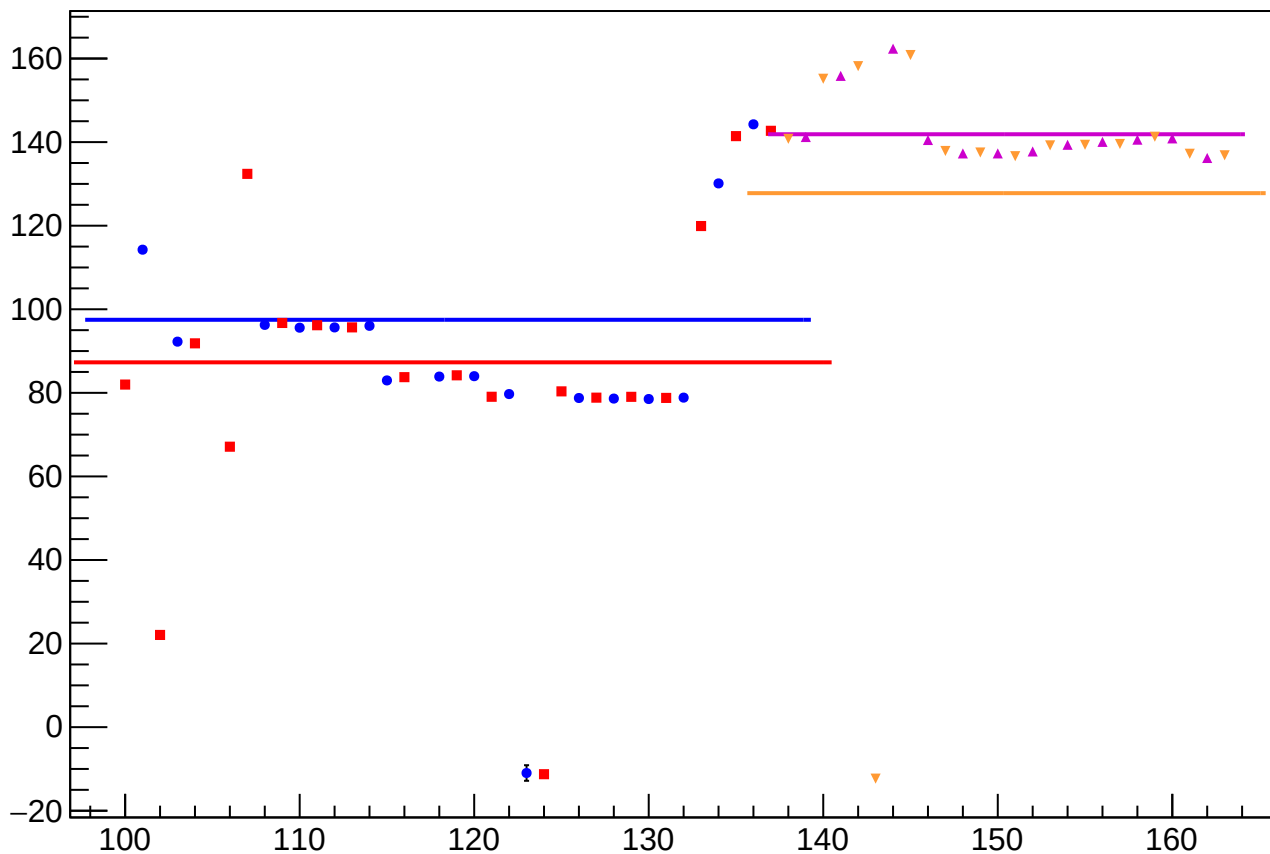
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -78.282 ± 0.878 χ^2/NDF : 1005.1/28

Out: -73.573 ± 0.839 χ^2/NDF : 1286.4/32

All: -75.822 ± 0.607 χ^2/NDF : 2306.5/61

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483 $\pm$ 0.073 χ^2/NDF : 94392.9/16

Left Out: 127.785 $\pm$ 0.058 χ^2/NDF : 628620.2/13

Right Out: 87.299 $\pm$ 0.068 χ^2/NDF : 221885.0/18

Left In: 141.882 $\pm$ 0.060 χ^2/NDF : 14232.4/11

Left: 134.526 $\pm$ 0.042 χ^2/NDF : 671302.1/25

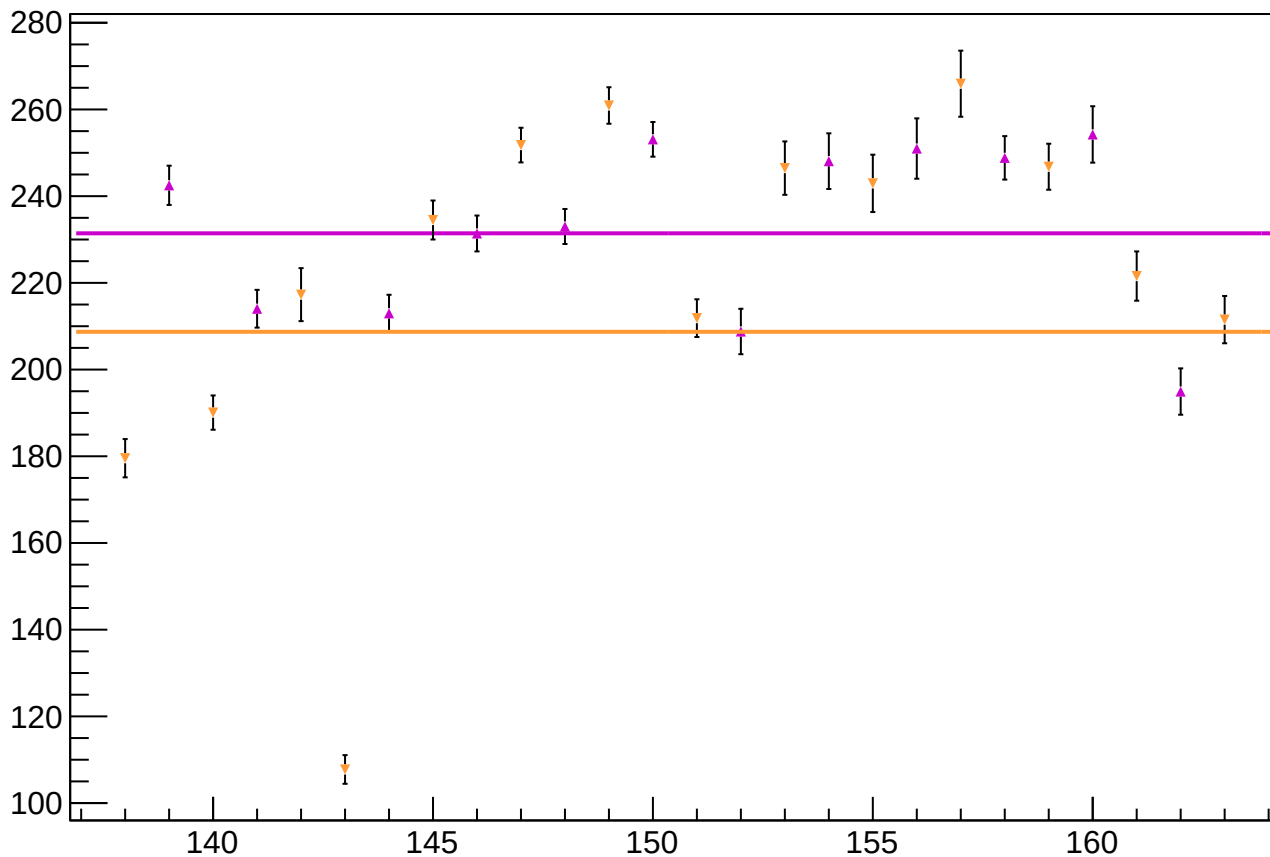
Right: 92.021 $\pm$ 0.050 χ^2/NDF : 326611.0/35

In: 123.955 $\pm$ 0.047 χ^2/NDF : 326986.6/28

Out: 110.869 $\pm$ 0.044 χ^2/NDF : 1055542.4/32

All: 117.049 $\pm$ 0.032 χ^2/NDF : 1424114.1/61

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: 208.711+/-1.269 χ^2/NDF :1481.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 231.430+/-1.389 χ^2/NDF :174.3/11

Left: 219.040+/-0.937 χ^2/NDF : 1801.4/25

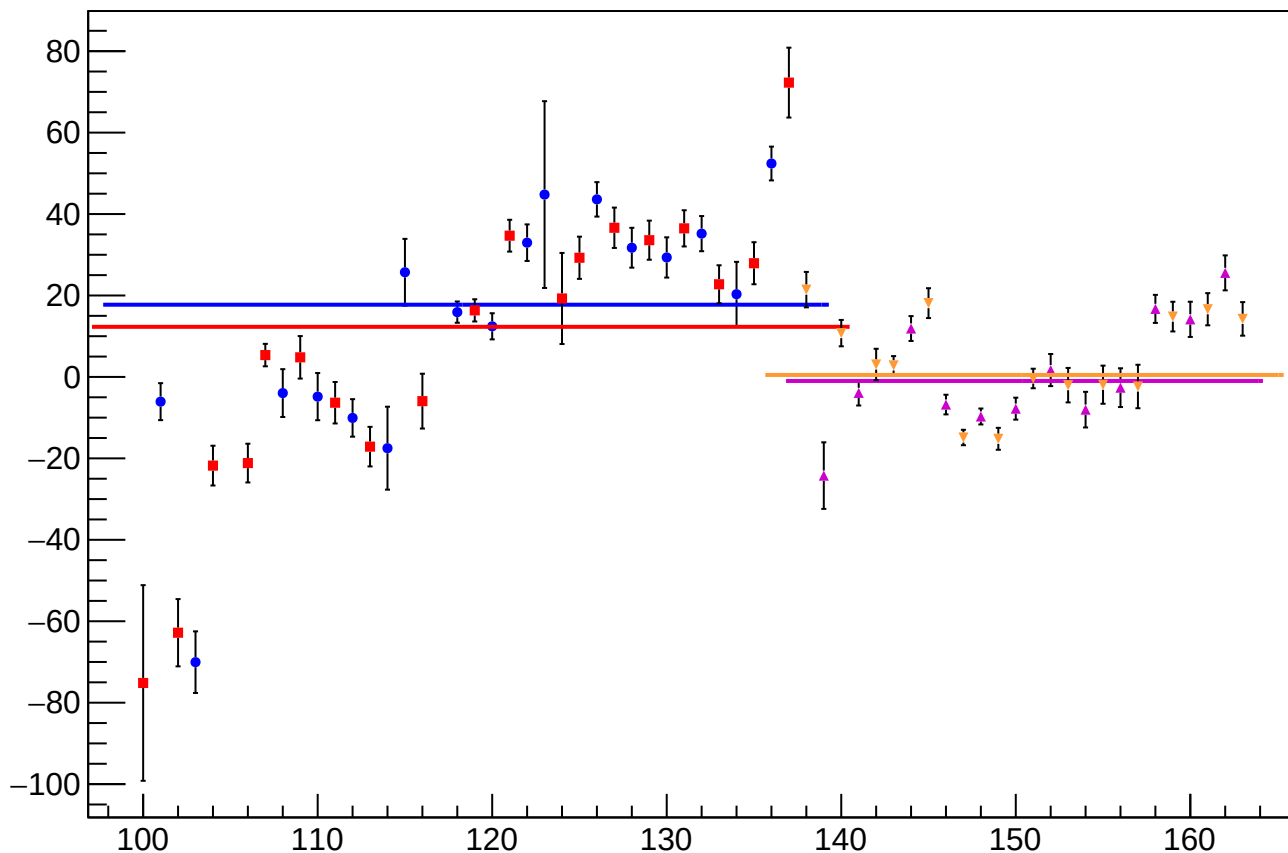
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.430+/-1.389 χ^2/NDF :174.3/11

Out: 208.711+/-1.269 χ^2/NDF :1481.3/13

All: 219.040+/-0.937 χ^2/NDF : 1801.4/25

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: 0.487 ± 0.843 $\chi^2/\text{NDF}: 201.8/13$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -0.992 ± 0.933 $\chi^2/\text{NDF}: 138.8/11$

Left: -0.178 ± 0.625 $\chi^2/\text{NDF}: 342.0/25$

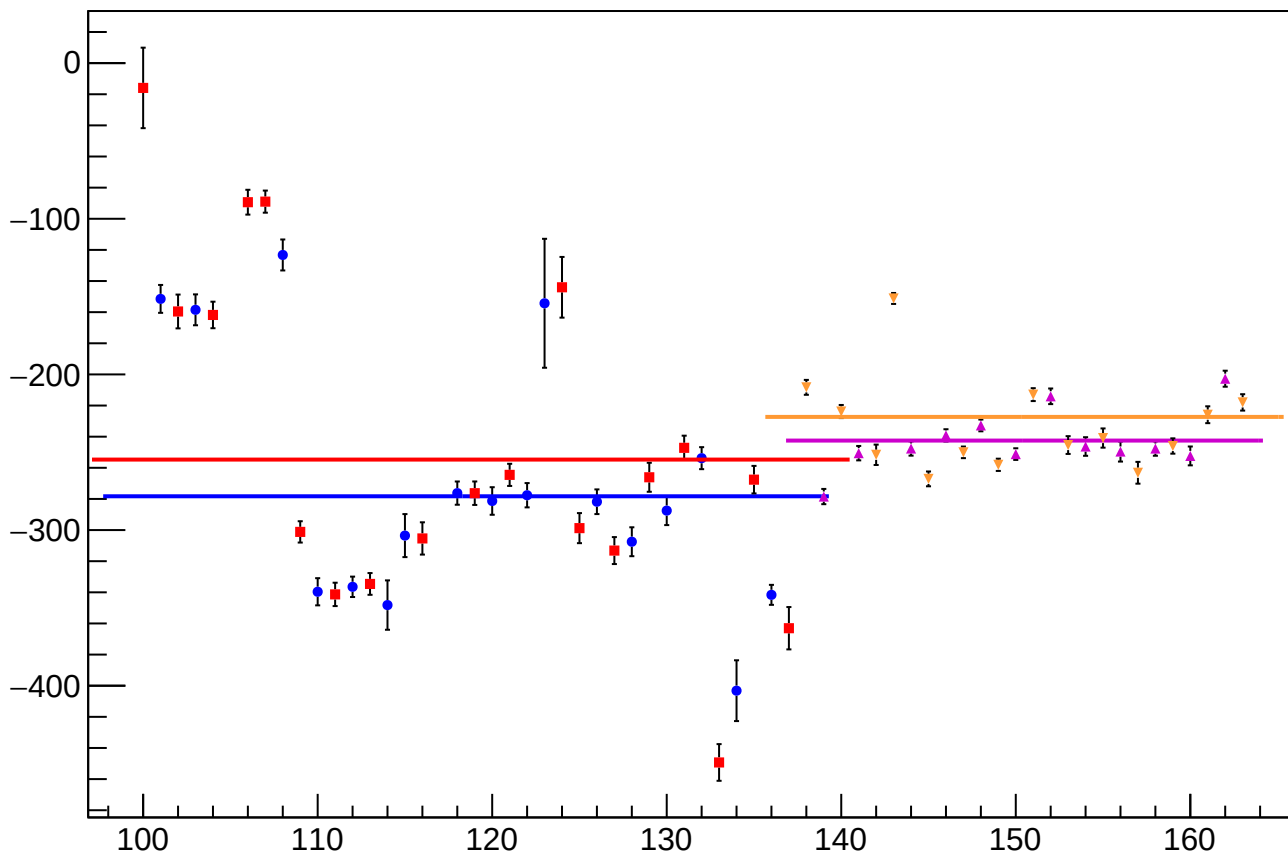
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 6.453 ± 0.724 $\chi^2/\text{NDF}: 693.0/28$

Out: 4.940 ± 0.665 $\chi^2/\text{NDF}: 718.4/32$

All: 5.632 ± 0.490 $\chi^2/\text{NDF}: 1413.8/61$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -227.296 ± 1.259 χ^2/NDF : 735.1/13

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -242.502 ± 1.355 χ^2/NDF : 168.2/11

Left: -234.339 ± 0.922 χ^2/NDF : 971.0/25

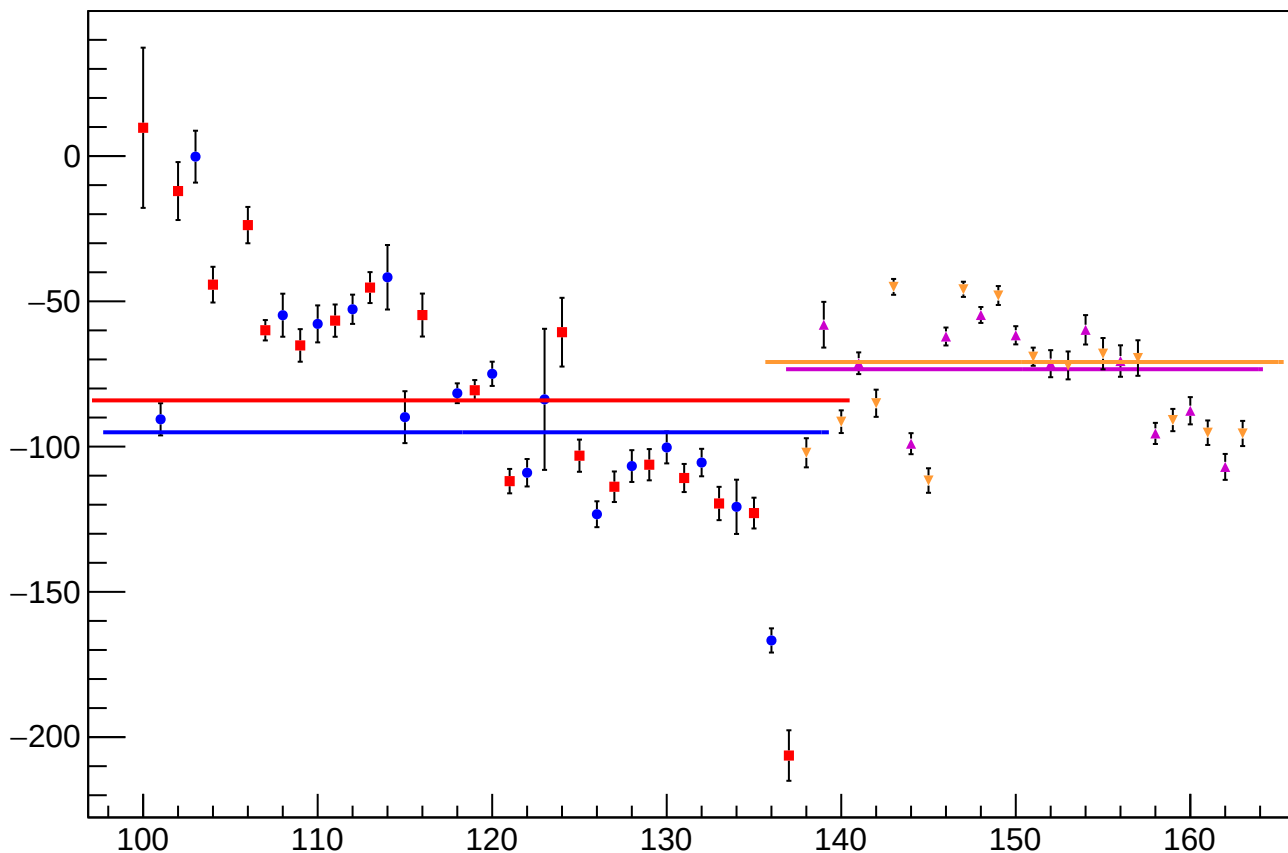
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -252.528 ± 1.150 χ^2/NDF : 1273.6/28

Out: -234.970 ± 1.068 χ^2/NDF : 2906.0/32

All: -243.104 ± 0.782 χ^2/NDF : 4304.8/61

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: -70.882 ± 1.017 χ^2/NDF : 493.3/13

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -73.368 ± 1.122 χ^2/NDF : 238.6/11

Left: -72.004 ± 0.753 χ^2/NDF : 734.7/25

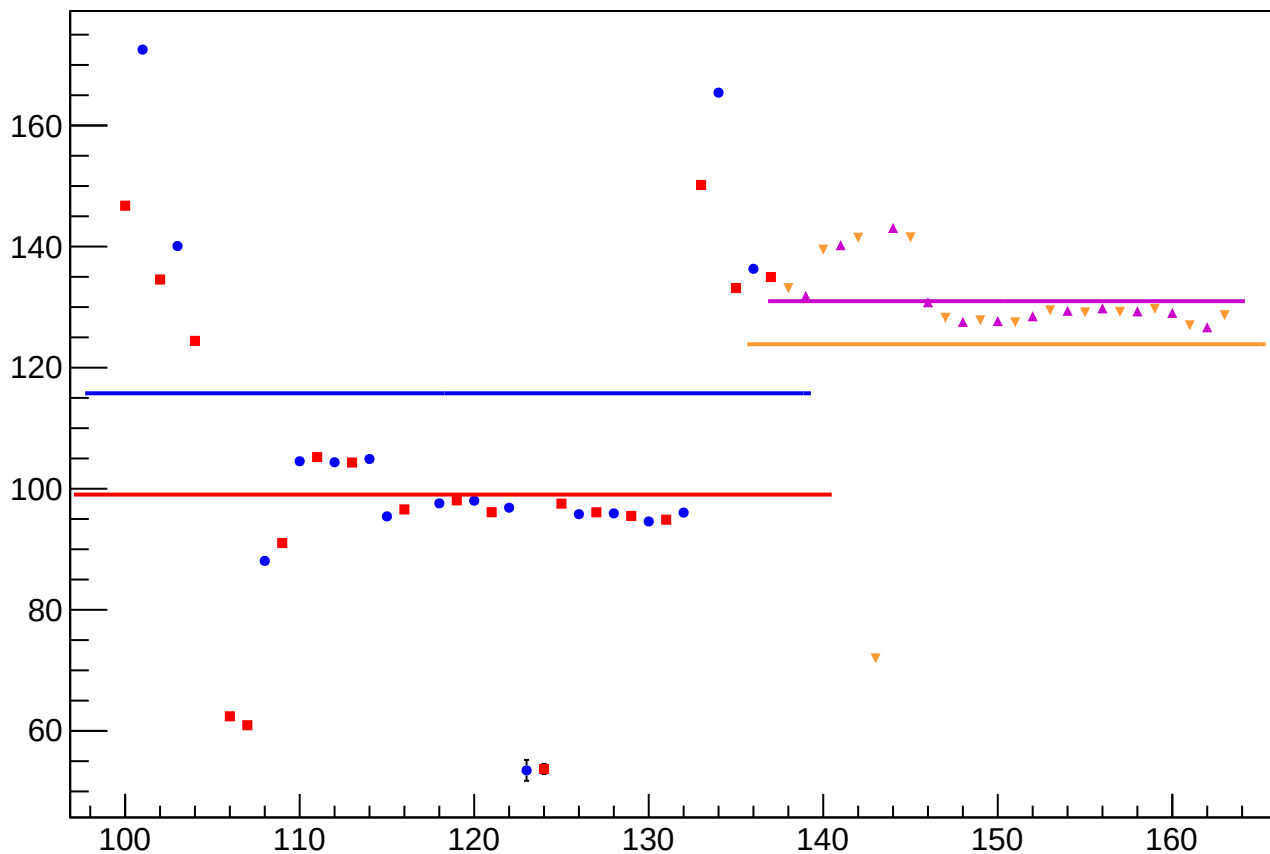
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.425 ± 0.856 χ^2/NDF : 1068.1/28

Out: -76.109 ± 0.791 χ^2/NDF : 1340.5/32

All: -79.016 ± 0.581 χ^2/NDF : 2438.0/61

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: 123.871 $\pm$ 0.051 χ^2 /NDF:162052.1/13

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 130.981 $\pm$ 0.054 χ^2 /NDF:7865.2/11

Left: 127.204 $\pm$ 0.037 χ^2 /NDF: 179176.7/25

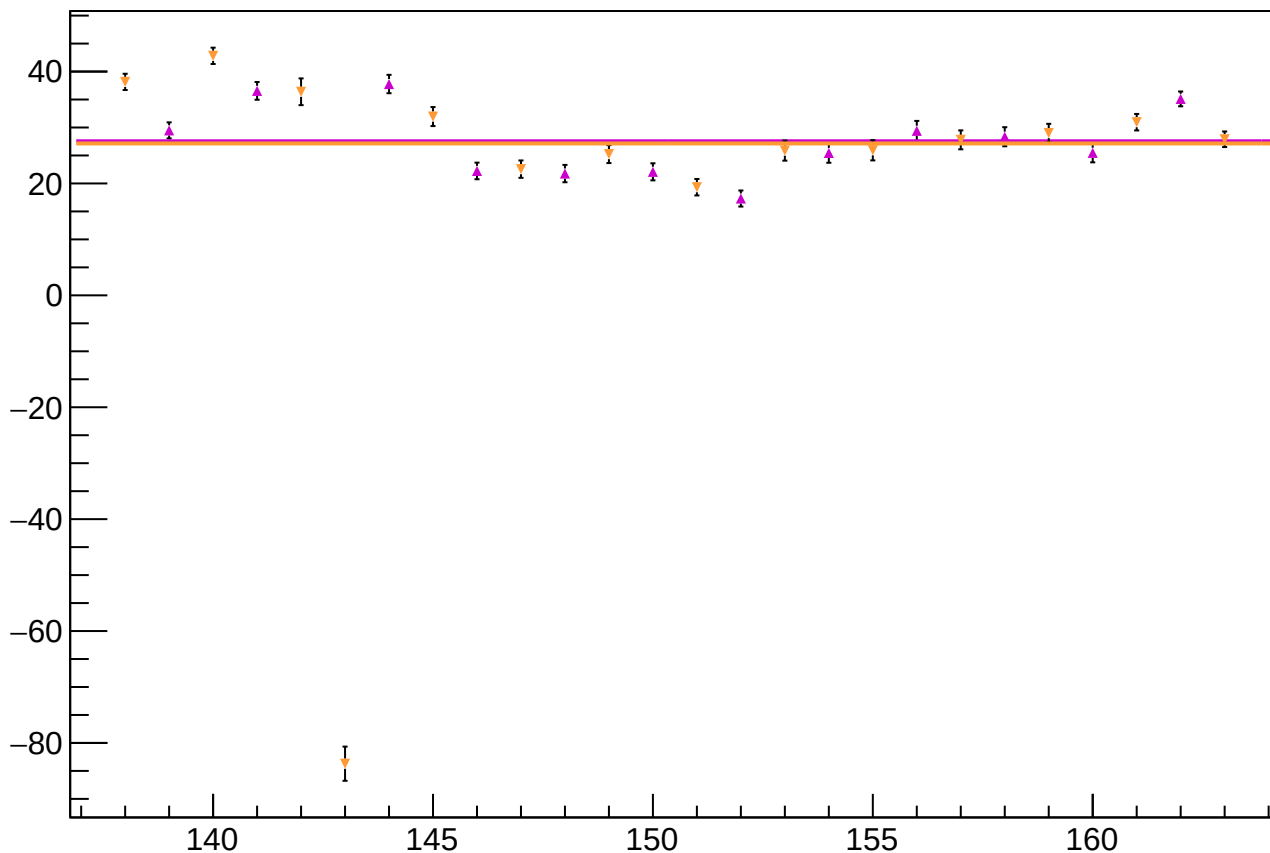
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.076 $\pm$ 0.044 χ^2 /NDF:139901.9/28

Out: 115.104 $\pm$ 0.041 χ^2 /NDF:420621.7/32

All: 120.120 $\pm$ 0.030 χ^2 /NDF: 593768.7/61

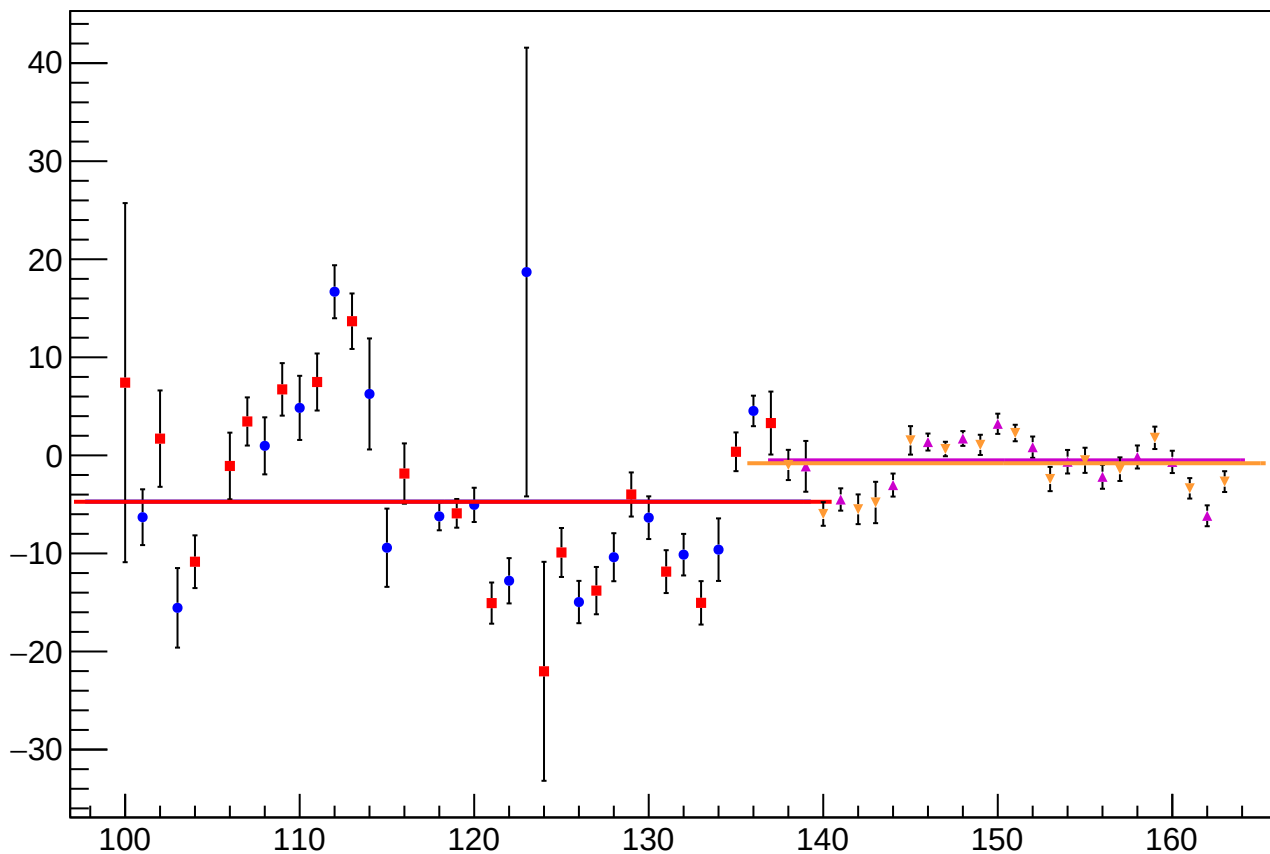
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 27.146 $\pm$ 0.441 χ^2 /NDF:1559.6/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 27.537 $\pm$ 0.450 χ^2 /NDF:200.0/11

Left: 27.337 $\pm$ 0.315 χ^2 /NDF: 1760.0/25
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 27.537 $\pm$ 0.450 χ^2 /NDF:200.0/11
 Out: 27.146 $\pm$ 0.441 χ^2 /NDF:1559.6/13
 All: 27.337 $\pm$ 0.315 χ^2 /NDF: 1760.0/25

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -0.802 ± 0.302 $\chi^2/\text{NDF}: 71.2/13$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -0.508 ± 0.312 $\chi^2/\text{NDF}: 75.1/11$

Left: -0.660 ± 0.217 $\chi^2/\text{NDF}: 146.8/25$

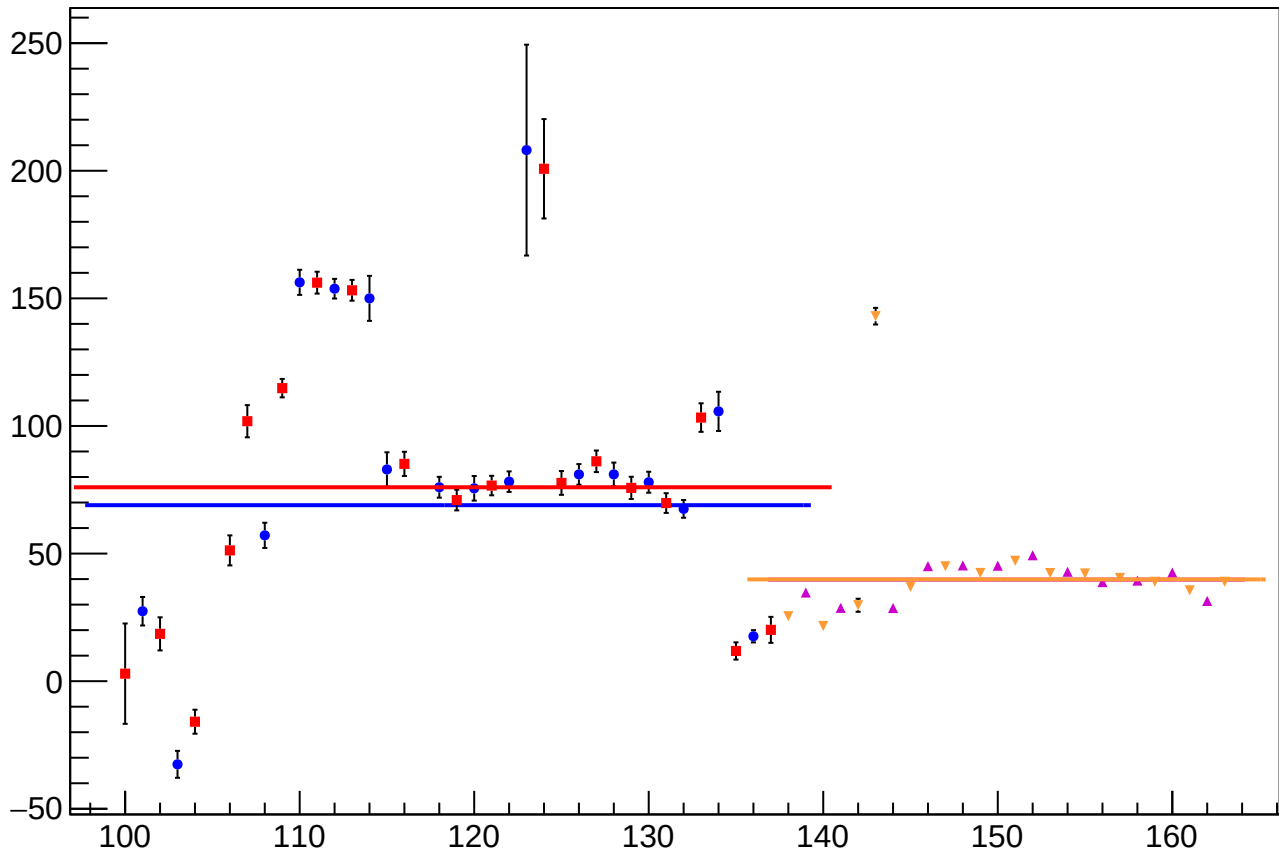
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.450 ± 0.275 $\chi^2/\text{NDF}: 290.5/28$

Out: -1.629 ± 0.268 $\chi^2/\text{NDF}: 296.6/32$

All: -1.542 ± 0.192 $\chi^2/\text{NDF}: 587.3/61$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 39.879 ± 0.430 $\chi^2/\text{NDF}: 1298.3/13$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 39.800 ± 0.437 $\chi^2/\text{NDF}: 235.1/11$

Left: 39.840 ± 0.306 $\chi^2/\text{NDF}: 1533.4/25$

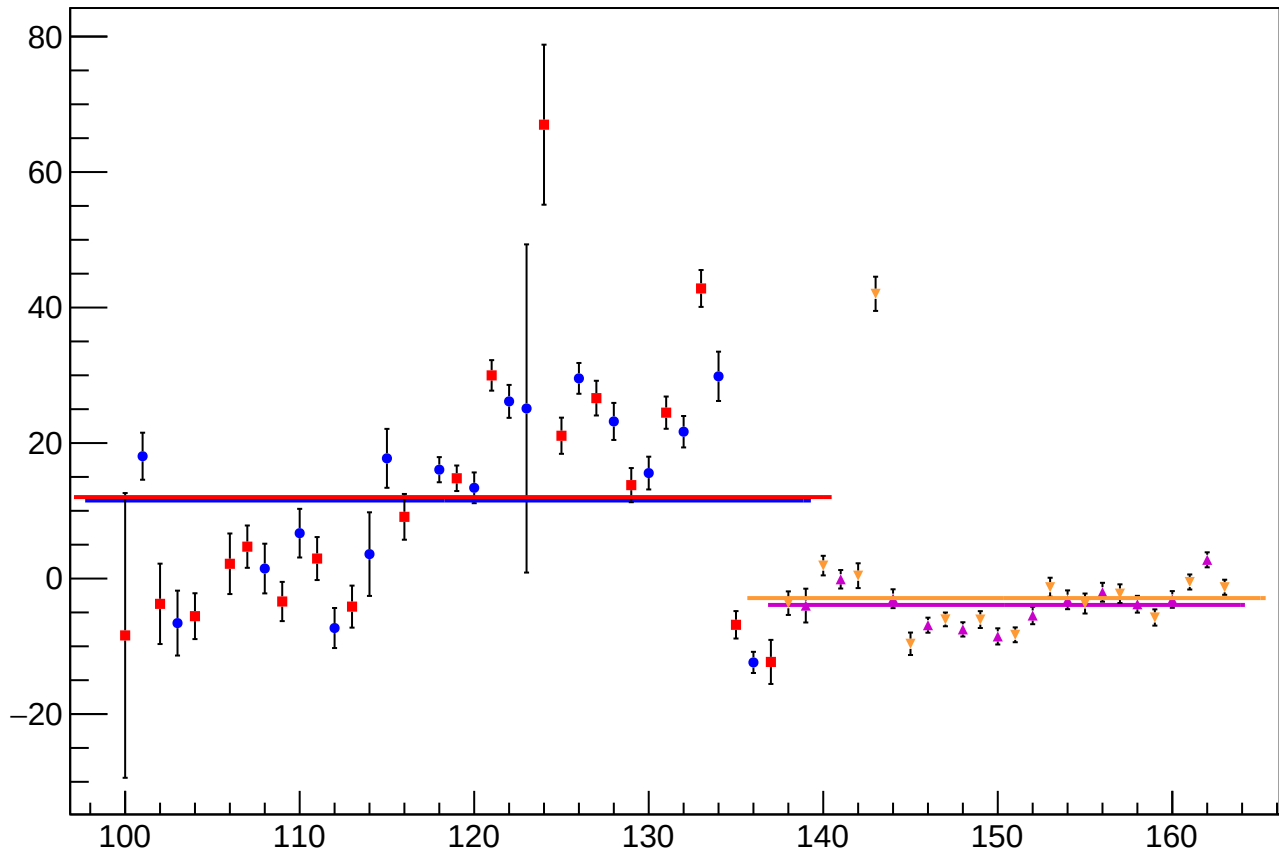
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.905 ± 0.405 $\chi^2/\text{NDF}: 2706.7/28$

Out: 44.901 ± 0.399 $\chi^2/\text{NDF}: 4174.4/32$

All: 44.410 ± 0.284 $\chi^2/\text{NDF}: 6884.2/61$

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: -2.882 $\pm$ 0.356 χ^2 /NDF:402.1/13

Right Out: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

Left In: -3.891 $\pm$ 0.368 χ^2 /NDF:82.4/11

Left: -3.370 $\pm$ 0.256 χ^2 /NDF: 488.4/25

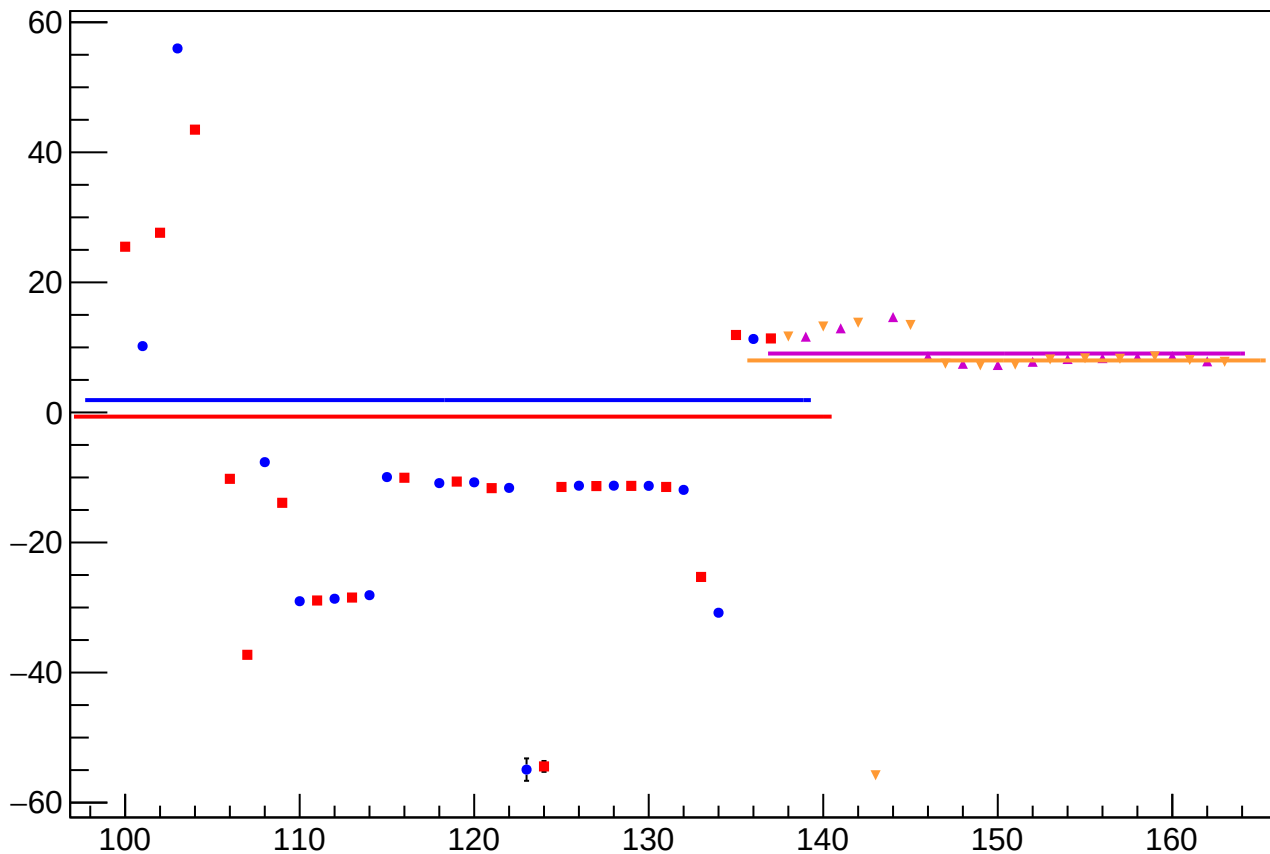
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: -0.238 $\pm$ 0.321 χ^2 /NDF:975.9/28

Out: 0.447 $\pm$ 0.314 χ^2 /NDF:1333.0/32

All: 0.113 $\pm$ 0.224 χ^2 /NDF: 2311.2/61

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.996 $\pm$ 0.017 χ^2/NDF : 256470.4/13

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 9.058 $\pm$ 0.017 χ^2/NDF : 13980.8/11

Left: 8.520 $\pm$ 0.012 χ^2/NDF : 272427.5/25

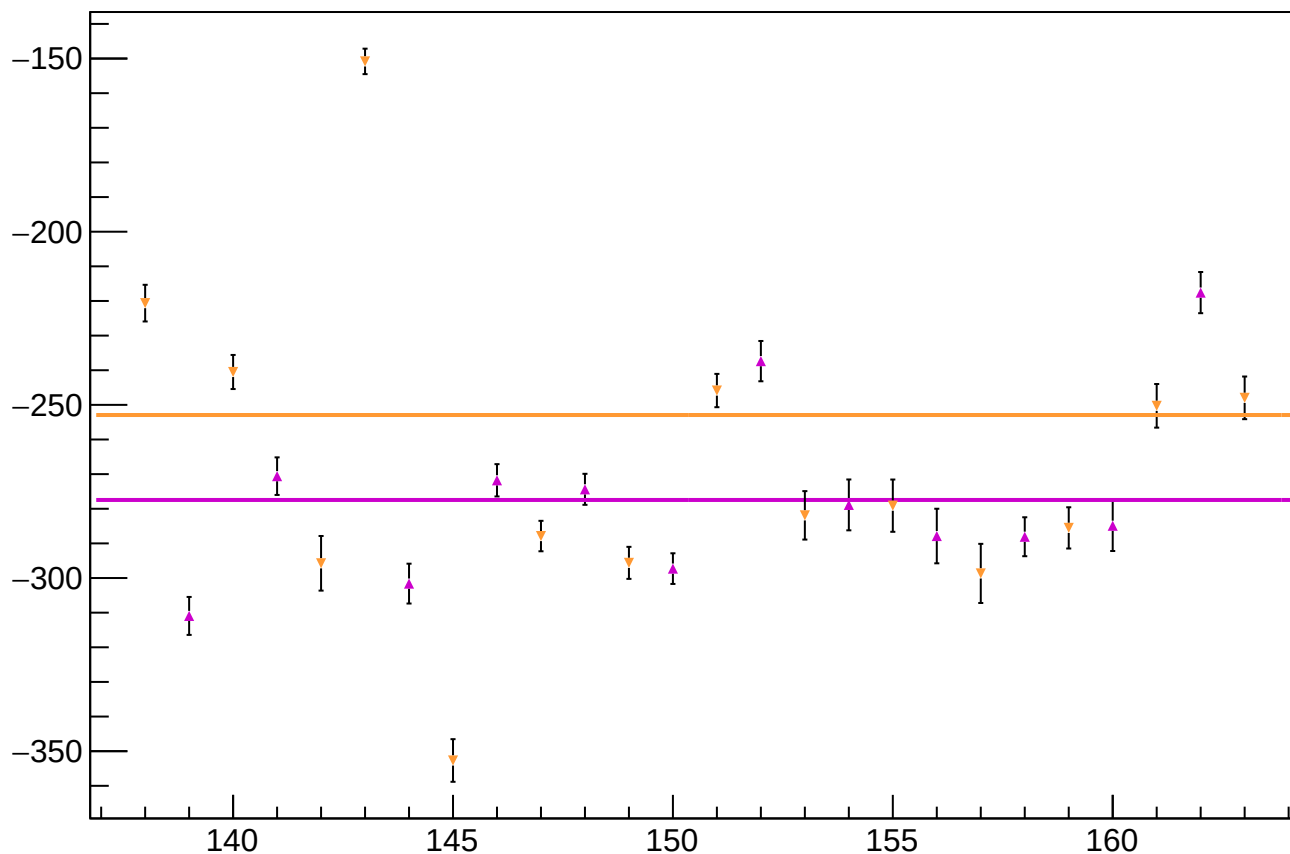
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.813 $\pm$ 0.015 χ^2/NDF : 403716.7/28

Out: 6.525 $\pm$ 0.015 χ^2/NDF : 663217.4/32

All: 7.162 $\pm$ 0.011 χ^2/NDF : 1070444.9/61

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -252.930 ± 1.464 $\chi^2/\text{NDF}: 1346.5/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -277.458 ± 1.607 $\chi^2/\text{NDF}: 233.9/11$

Left: -264.052 ± 1.082 $\chi^2/\text{NDF}: 1707.7/25$

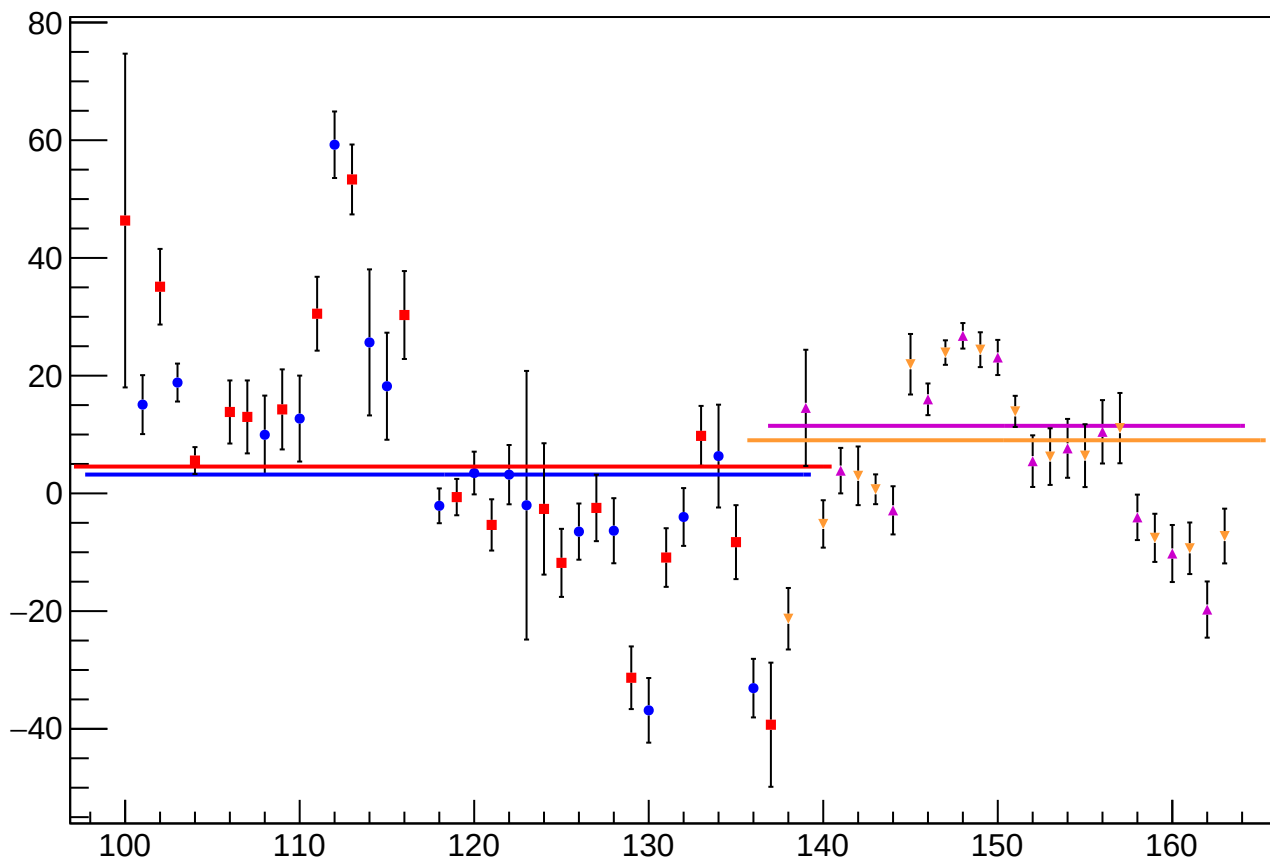
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -277.458 ± 1.607 $\chi^2/\text{NDF}: 233.9/11$

Out: -252.930 ± 1.464 $\chi^2/\text{NDF}: 1346.5/13$

All: -264.052 ± 1.082 $\chi^2/\text{NDF}: 1707.7/25$

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: 9.025 ± 0.960 χ^2/NDF : 193.3/13

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 11.478 ± 1.066 χ^2/NDF : 165.3/11

Left: 10.123 ± 0.714 χ^2/NDF : 361.6/25

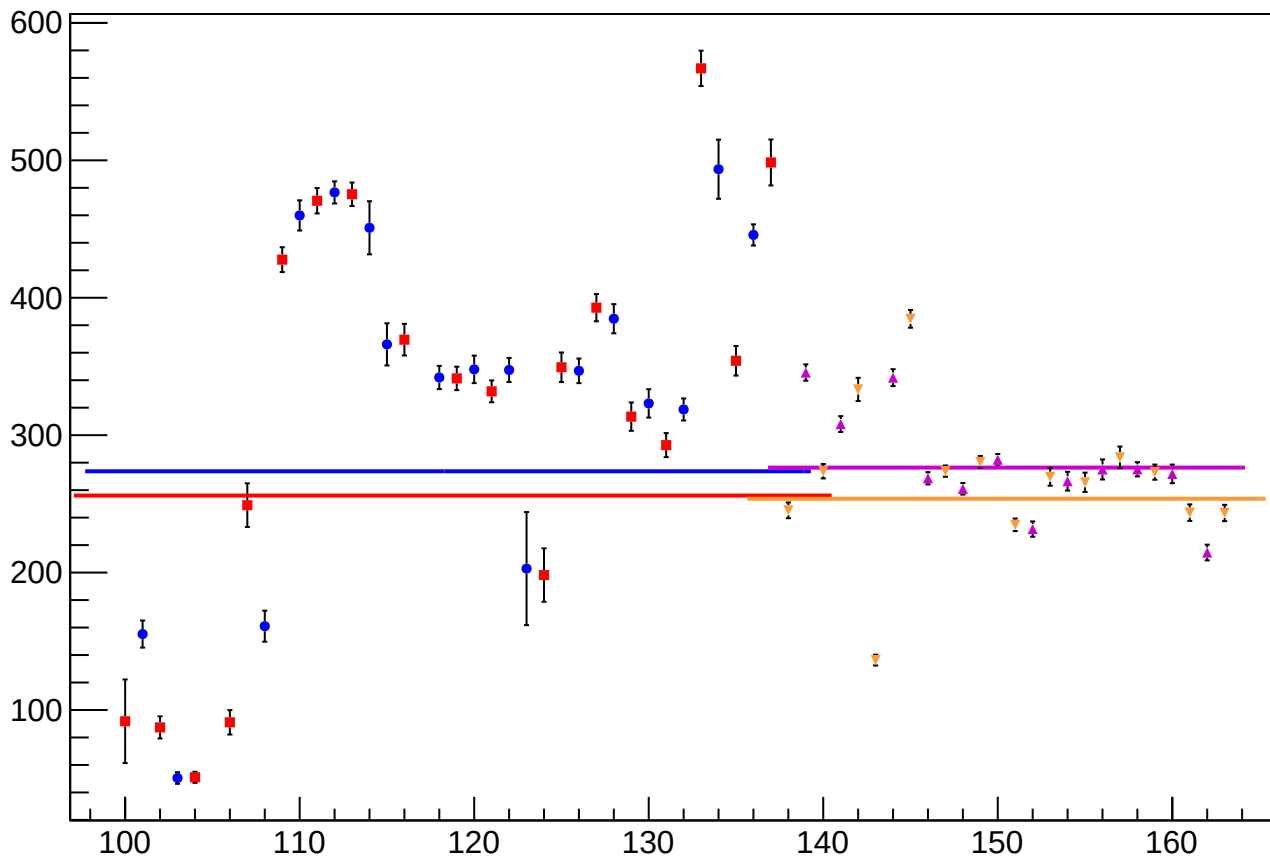
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 7.917 ± 0.805 χ^2/NDF : 446.4/28

Out: 7.204 ± 0.739 χ^2/NDF : 426.0/32

All: 7.530 ± 0.544 χ^2/NDF : 872.9/61

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: 253.706 $\pm$ 1.444 χ^2 /NDF:1535.1/13

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 276.403 $\pm$ 1.558 χ^2 /NDF:481.5/11

Left: 264.198 $\pm$ 1.059 χ^2 /NDF: 2130.8/25

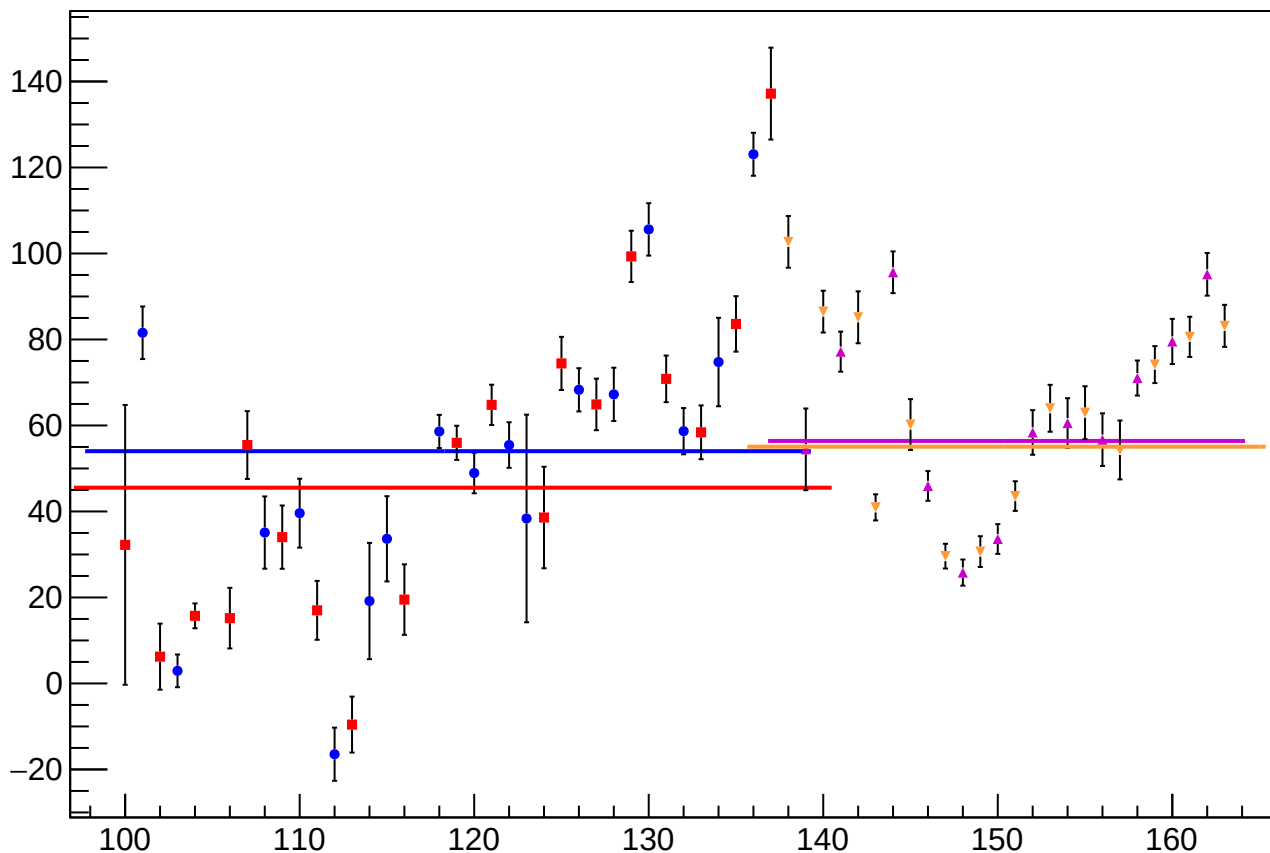
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 275.503 $\pm$ 1.270 χ^2 /NDF:5585.8/28

Out: 254.471 $\pm$ 1.186 χ^2 /NDF:7977.1/32

All: 264.267 $\pm$ 0.867 χ^2 /NDF: 13709.3/61

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: 55.060 $\pm$ 1.161 χ^2 /NDF:374.8/13

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 56.398 $\pm$ 1.284 χ^2 /NDF:333.3/11

Left: 55.662 $\pm$ 0.862 χ^2 /NDF: 708.8/25

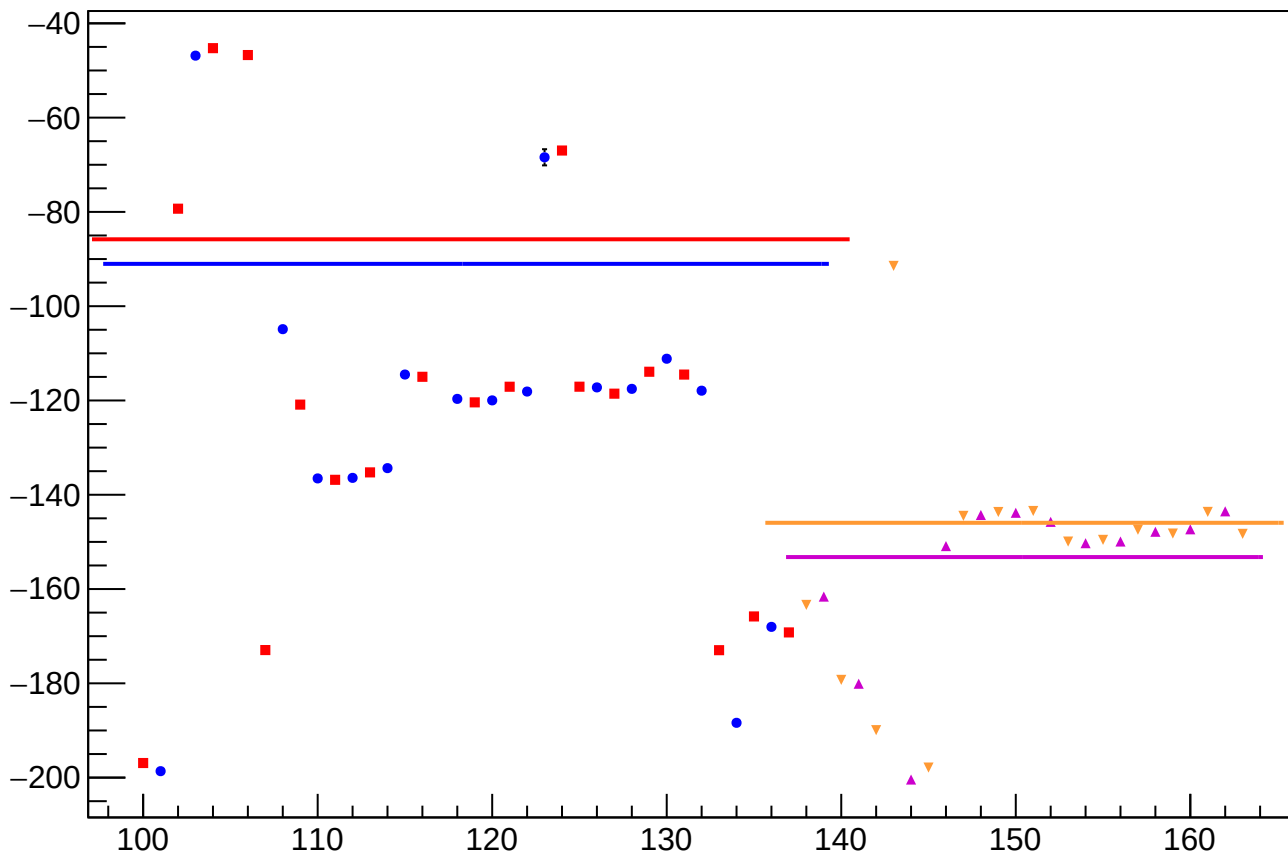
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 55.329 $\pm$ 0.954 χ^2 /NDF:967.7/28

Out: 51.031 $\pm$ 0.882 χ^2 /NDF:930.1/32

All: 53.013 $\pm$ 0.648 χ^2 /NDF: 1908.8/61

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: -145.947 $\pm$ 0.058 χ^2 /NDF: 205665.6/13

Right Out: -85.811 $\pm$ 0.065 χ^2 /NDF: 495868.7/18

Left In: -153.216 $\pm$ 0.062 χ^2 /NDF: 55647.3/11

Left: -149.353 $\pm$ 0.042 χ^2 /NDF: 268645.1/25

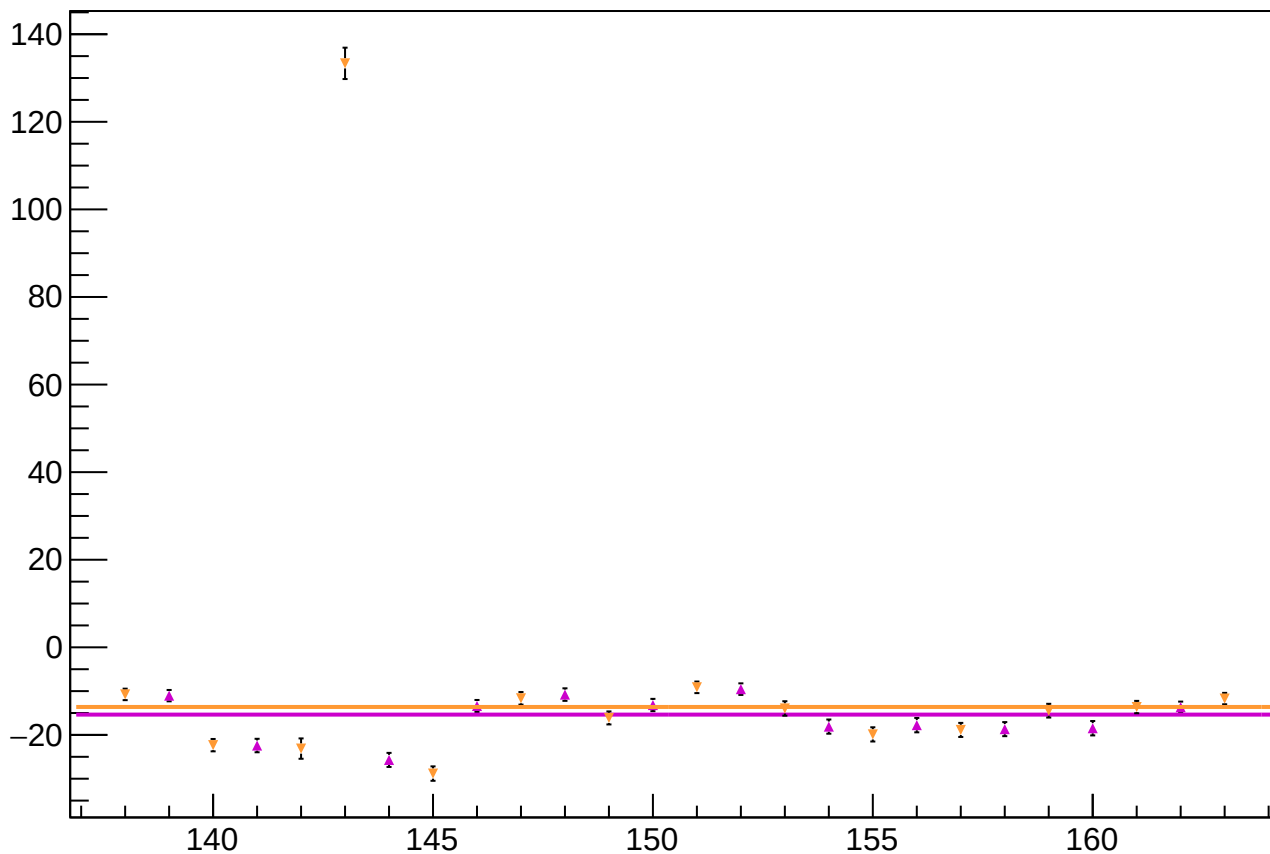
Right: -88.315 $\pm$ 0.047 χ^2 /NDF: 1033213.2/35

In: -124.848 $\pm$ 0.046 χ^2 /NDF: 1050542.9/28

Out: -119.243 $\pm$ 0.043 χ^2 /NDF: 1177089.2/32

All: -121.900 $\pm$ 0.031 χ^2 /NDF: 2235565.9/61

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.617+/-0.413 χ^2/NDF :1873.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.364+/-0.421 χ^2/NDF :122.3/11

Left: -14.474+/-0.295 χ^2/NDF : 2004.2/25

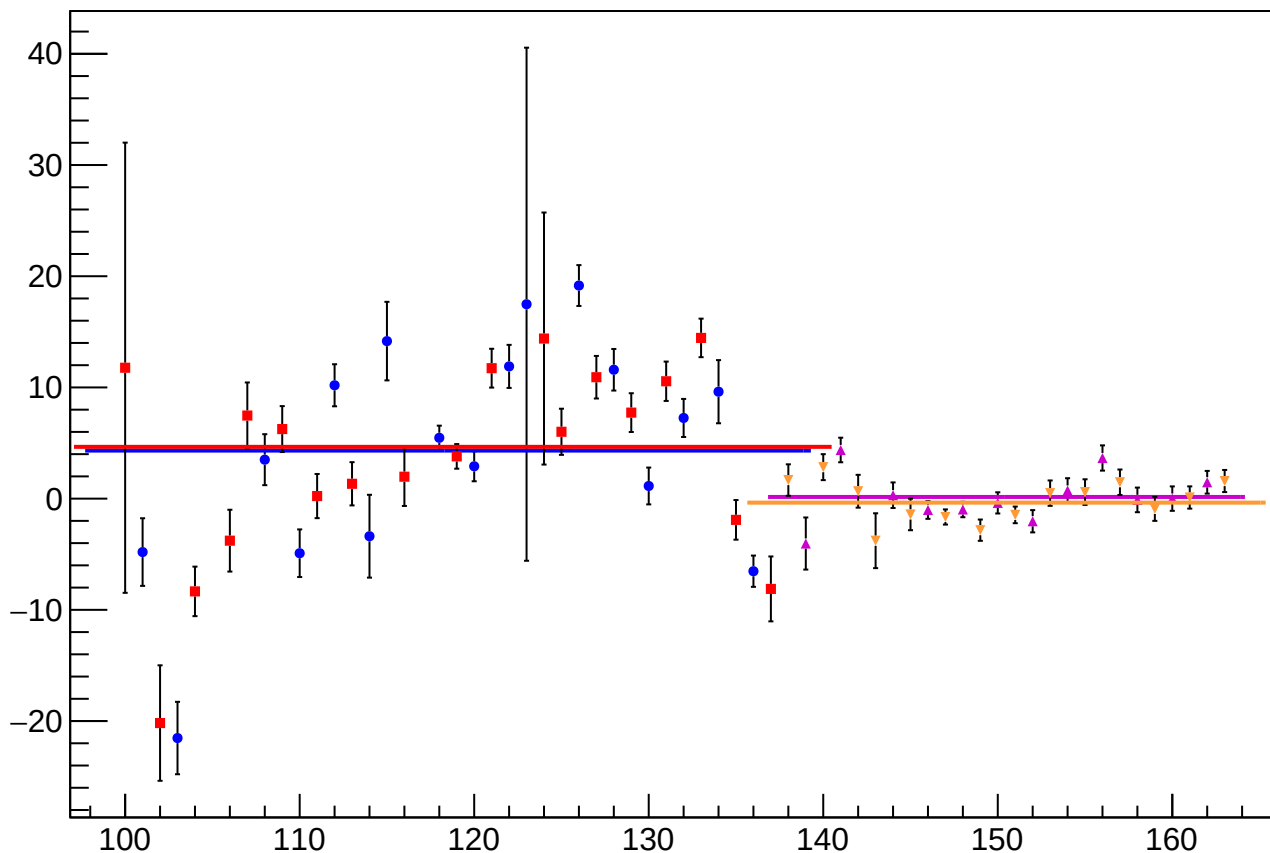
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.364+/-0.421 χ^2/NDF :122.3/11

Out: -13.617+/-0.413 χ^2/NDF :1873.2/13

All: -14.474+/-0.295 χ^2/NDF : 2004.2/25

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: -0.359 ± 0.282 $\chi^2/\text{NDF}: 33.1/13$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.152 ± 0.293 $\chi^2/\text{NDF}: 39.2/11$

Left: -0.112 ± 0.203 $\chi^2/\text{NDF}: 73.8/25$

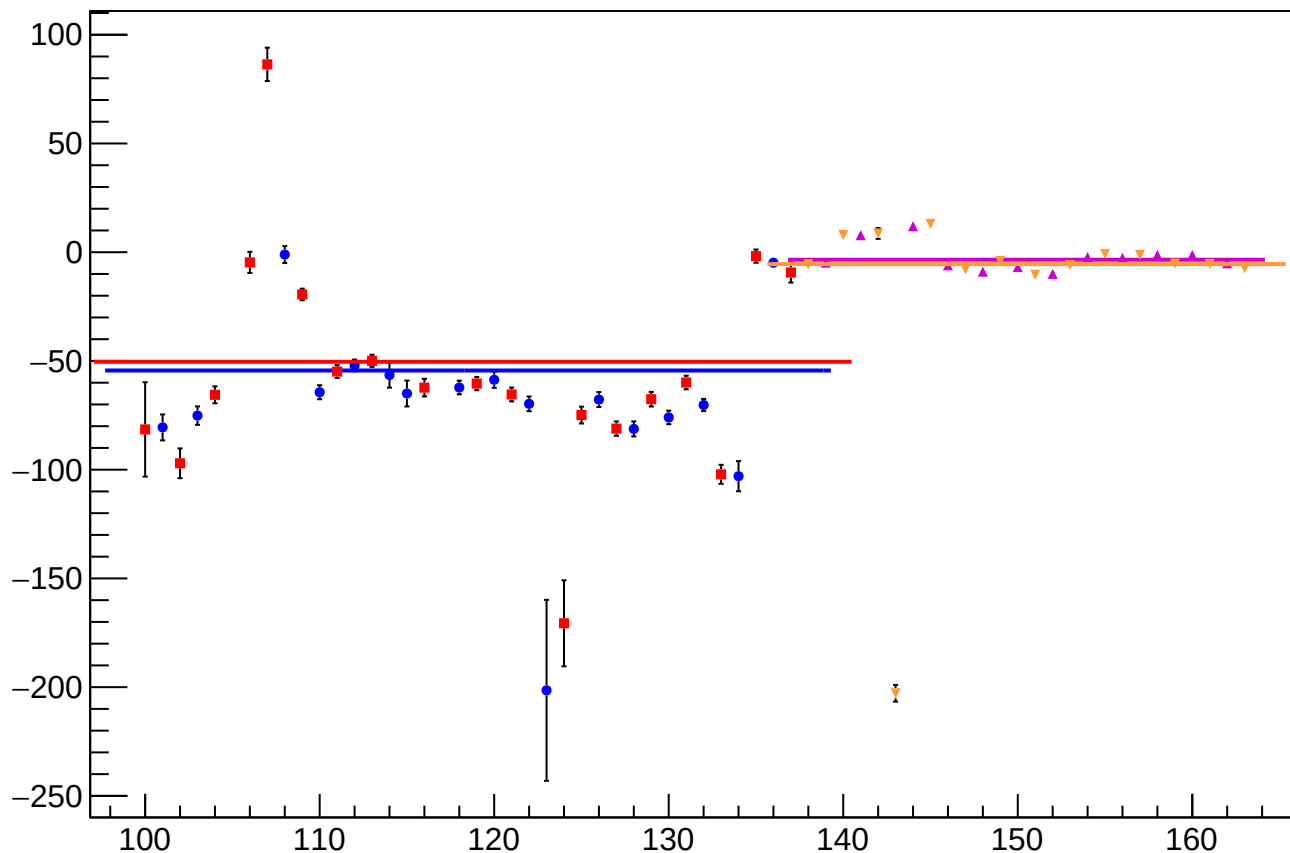
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.334 ± 0.248 $\chi^2/\text{NDF}: 377.0/28$

Out: 0.956 ± 0.243 $\chi^2/\text{NDF}: 300.3/32$

All: 1.141 ± 0.173 $\chi^2/\text{NDF}: 678.5/61$

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: -5.467 ± 0.403 $\chi^2/\text{NDF}: 2936.3/13$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.455 ± 0.409 $\chi^2/\text{NDF}: 189.1/11$

Left: -4.477 ± 0.287 $\chi^2/\text{NDF}: 3137.7/25$

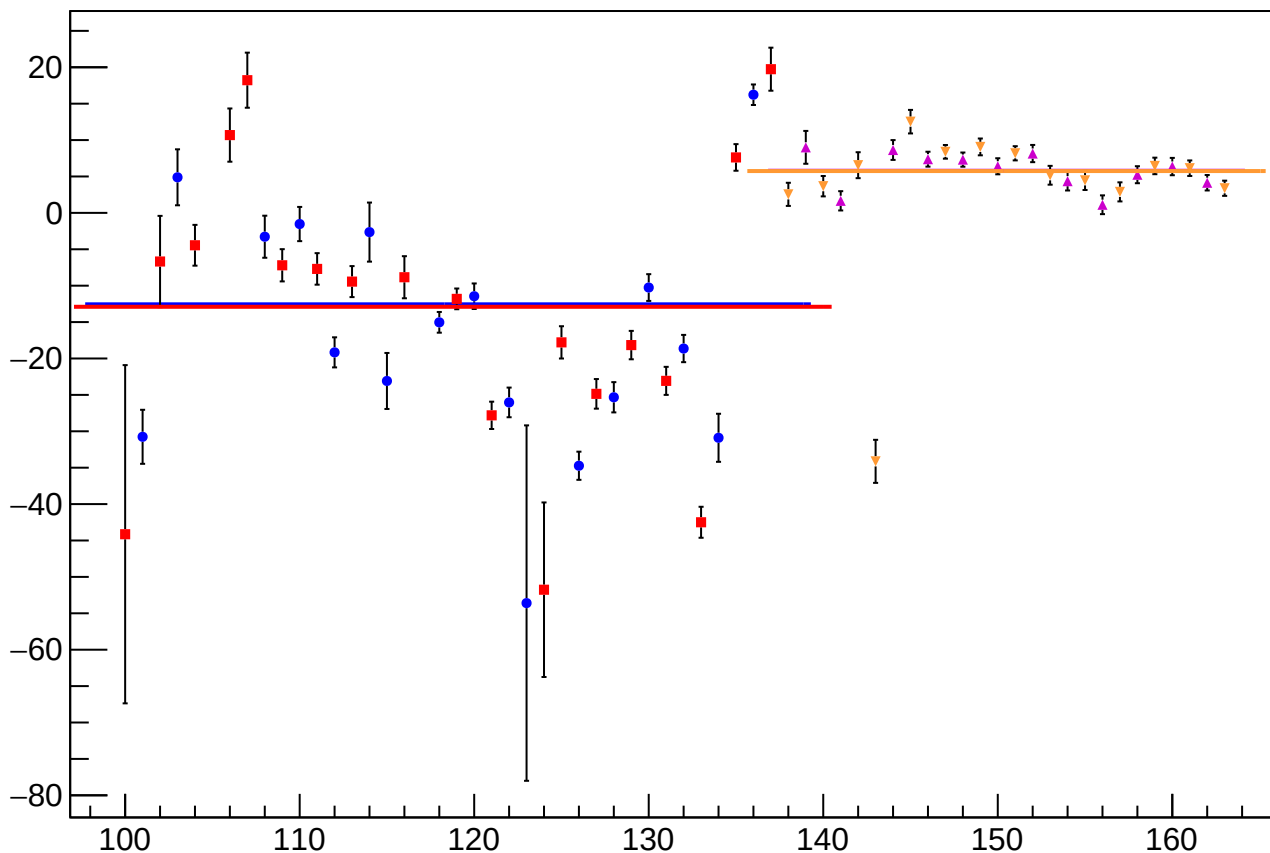
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.766 ± 0.370 $\chi^2/\text{NDF}: 4039.6/28$

Out: -13.574 ± 0.364 $\chi^2/\text{NDF}: 6503.4/32$

All: -13.176 ± 0.260 $\chi^2/\text{NDF}: 10545.4/61$

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: 5.744 ± 0.334 χ^2/NDF : 239.9/13

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.786 ± 0.345 χ^2/NDF : 42.5/11

Left: 5.765 ± 0.240 χ^2/NDF : 282.5/25

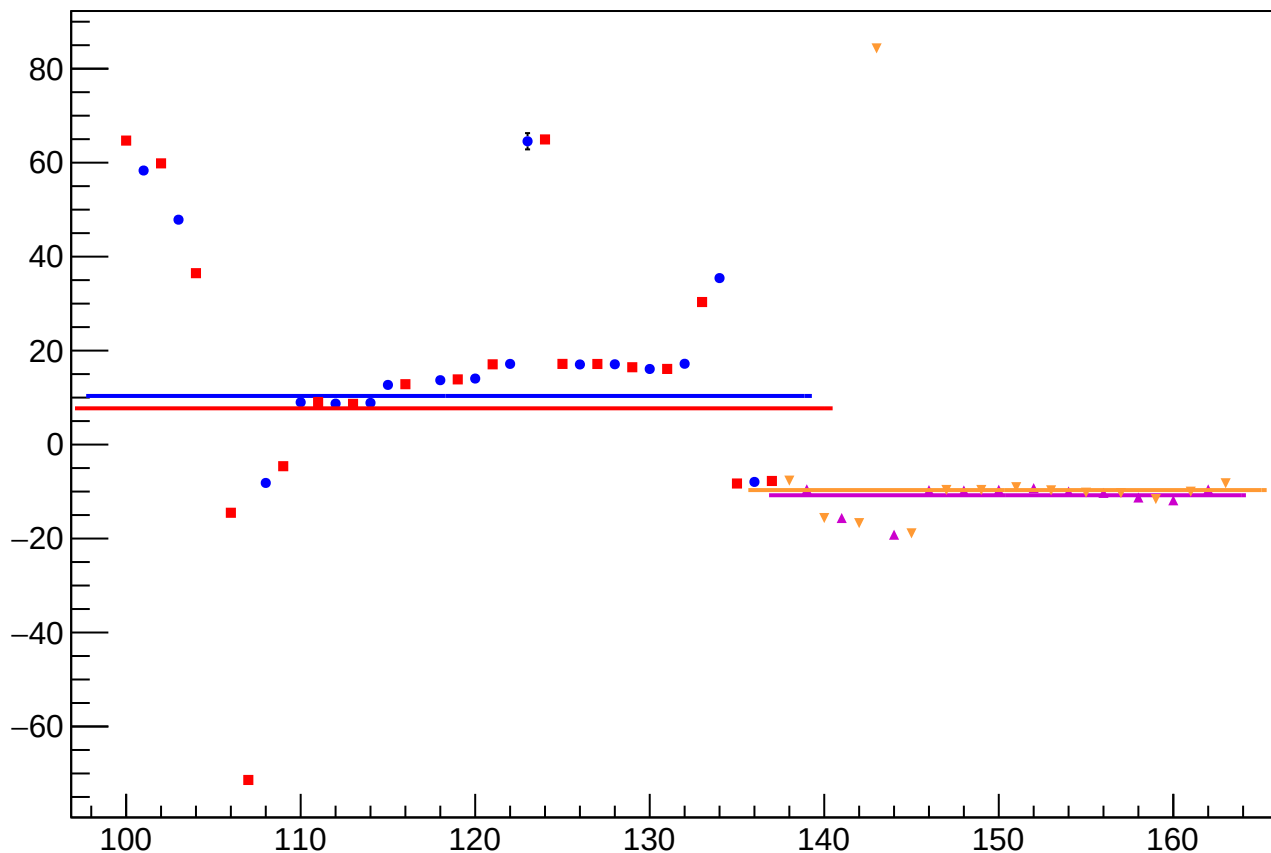
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.340 ± 0.290 χ^2/NDF : 1660.1/28

Out: 0.565 ± 0.284 χ^2/NDF : 1835.1/32

All: 0.455 ± 0.203 χ^2/NDF : 3495.5/61

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 χ^2/NDF : 380878.9/16

Left Out: -9.686 ± 0.016 χ^2/NDF : 409891.2/13

Right Out: 7.715 ± 0.031 χ^2/NDF : 545032.1/18

Left In: -10.786 ± 0.016 χ^2/NDF : 21945.4/11

Left: -10.229 ± 0.011 χ^2/NDF : 434254.7/25

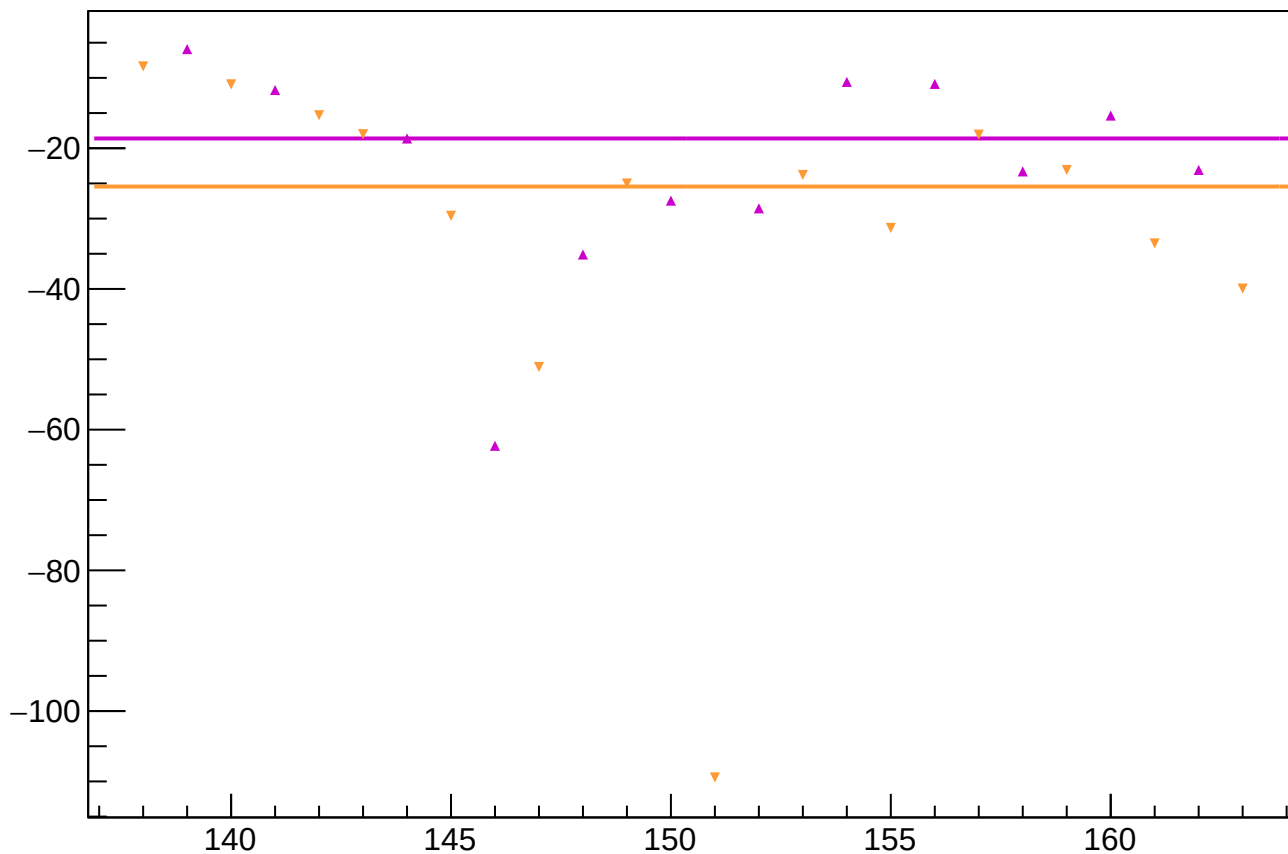
Right: 9.061 ± 0.022 χ^2/NDF : 929542.3/35

In: -6.288 ± 0.014 χ^2/NDF : 778869.8/28

Out: -6.177 ± 0.014 χ^2/NDF : 1202263.5/32

All: -6.233 ± 0.010 χ^2/NDF : 1981164.4/61

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: -25.444+/-0.069 χ^2 /NDF:56393.1/13

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -18.613+/-0.060 χ^2 /NDF:37464.7/11

Left: -21.564+/-0.045 χ^2 /NDF: 99471.0/25

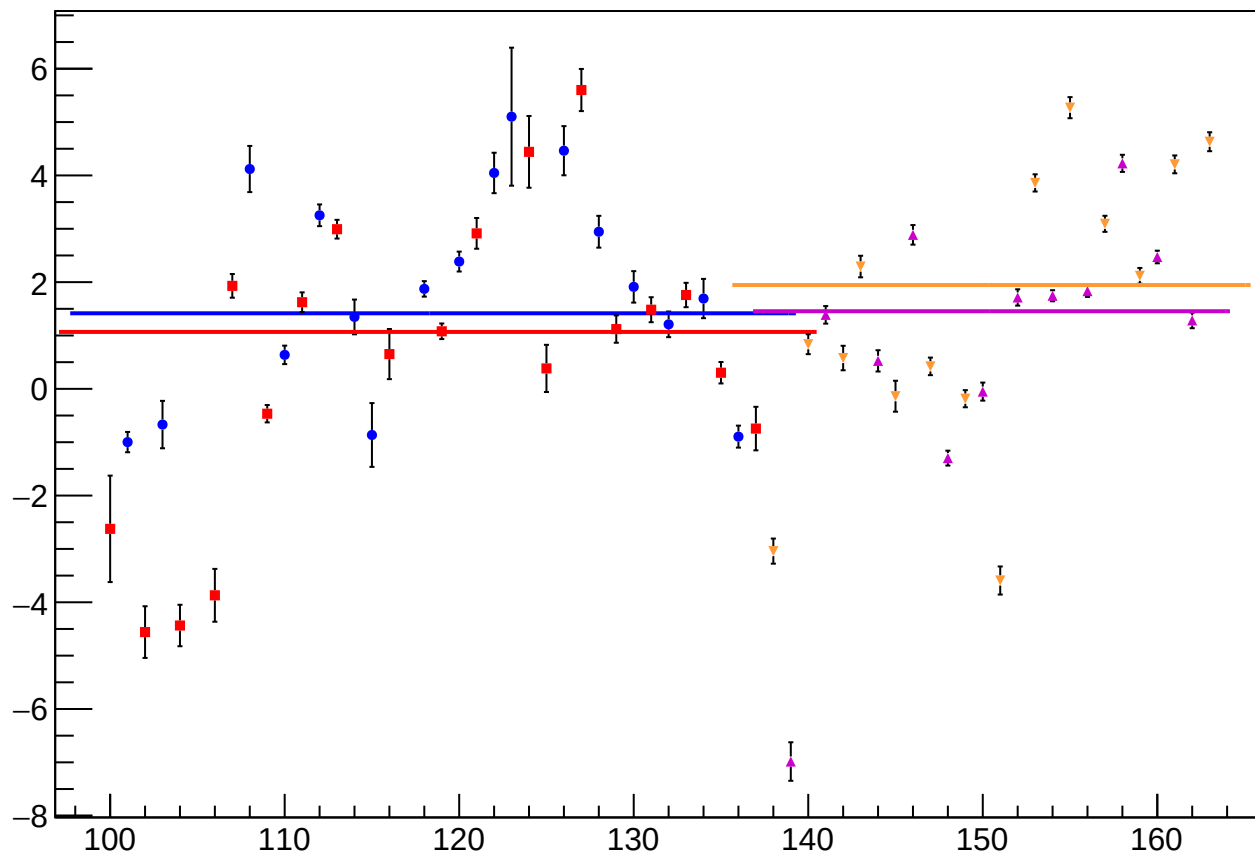
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -18.613+/-0.060 χ^2 /NDF:37464.7/11

Out: -25.444+/-0.069 χ^2 /NDF:56393.1/13

All: -21.564+/-0.045 χ^2 /NDF: 99471.0/25

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: 1.946 $\pm$ 0.049 χ^2 /NDF:2172.6/13

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.455 $\pm$ 0.042 χ^2 /NDF:1493.2/11

Left: 1.663 $\pm$ 0.032 χ^2 /NDF: 3723.2/25

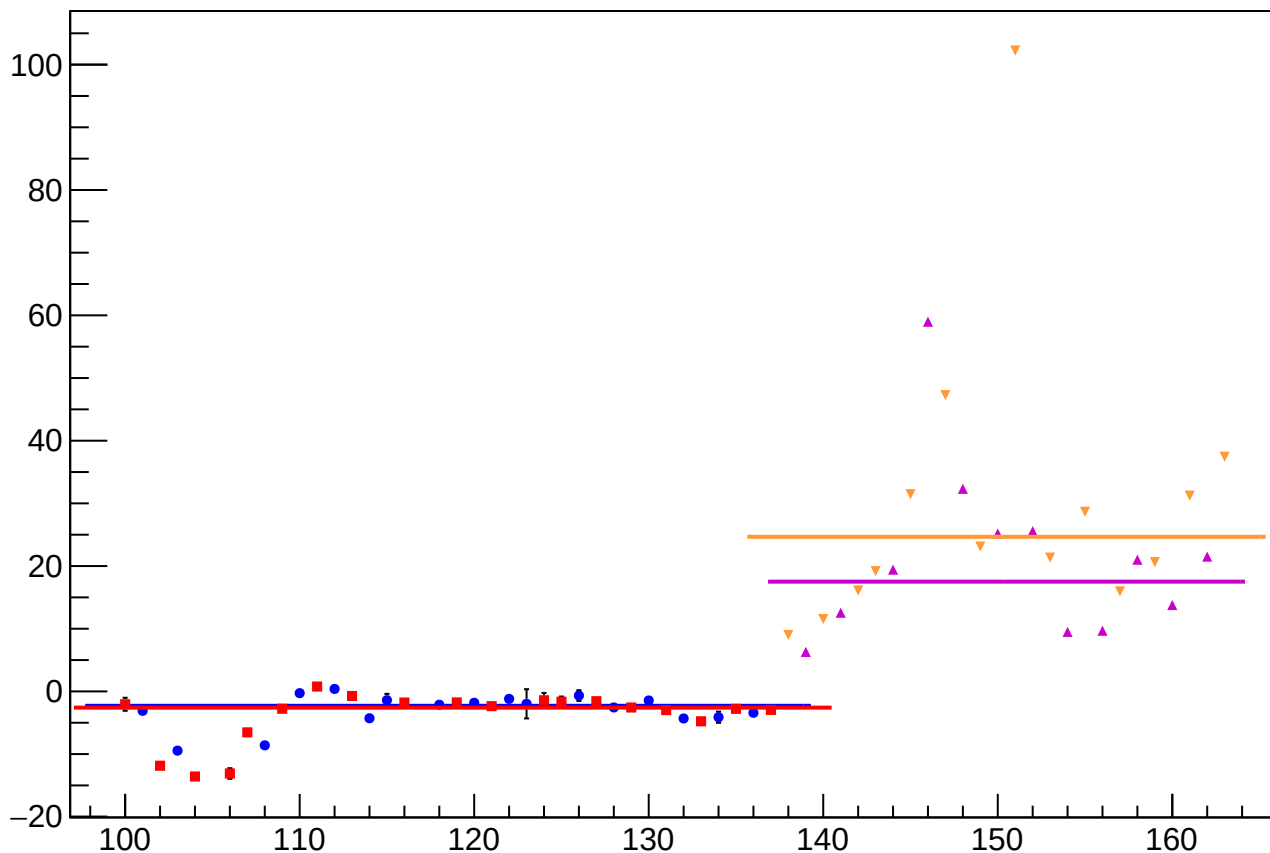
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.442 $\pm$ 0.035 χ^2 /NDF:2124.7/28

Out: 1.579 $\pm$ 0.038 χ^2 /NDF:3235.8/32

All: 1.506 $\pm$ 0.025 χ^2 /NDF: 5367.7/61

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 24.668 ± 0.067 χ^2/NDF : 50455.7/13

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.511 ± 0.057 χ^2/NDF : 35313.8/11

Left: 20.538 ± 0.044 χ^2/NDF : 92327.6/25

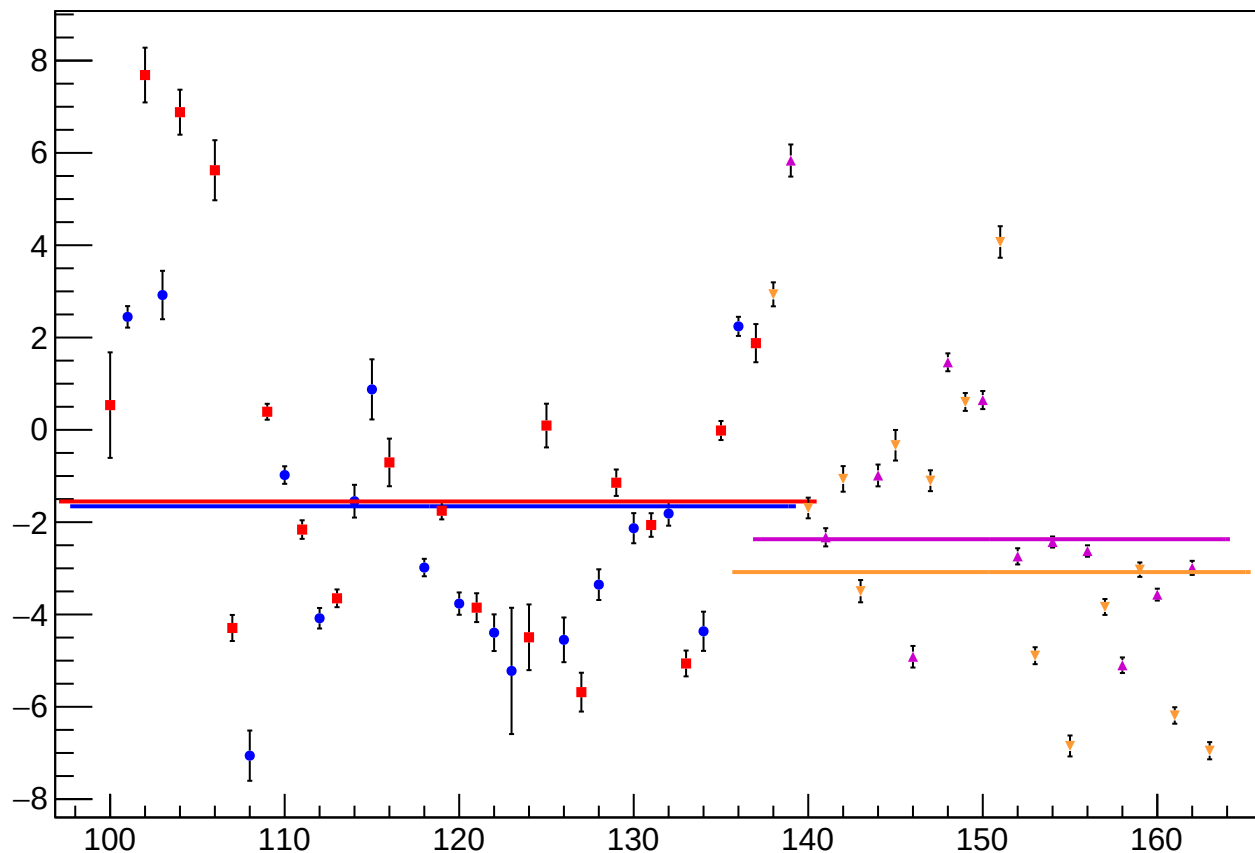
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 13.314 ± 0.051 χ^2/NDF : 60931.2/28

Out: 16.062 ± 0.056 χ^2/NDF : 103401.8/32

All: 14.572 ± 0.038 χ^2/NDF : 165660.9/61

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: -3.081 ± 0.057 χ^2/NDF : 2705.9/13

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.369 ± 0.048 χ^2/NDF : 1710.4/11

Left: -2.669 ± 0.037 χ^2/NDF : 4508.1/25

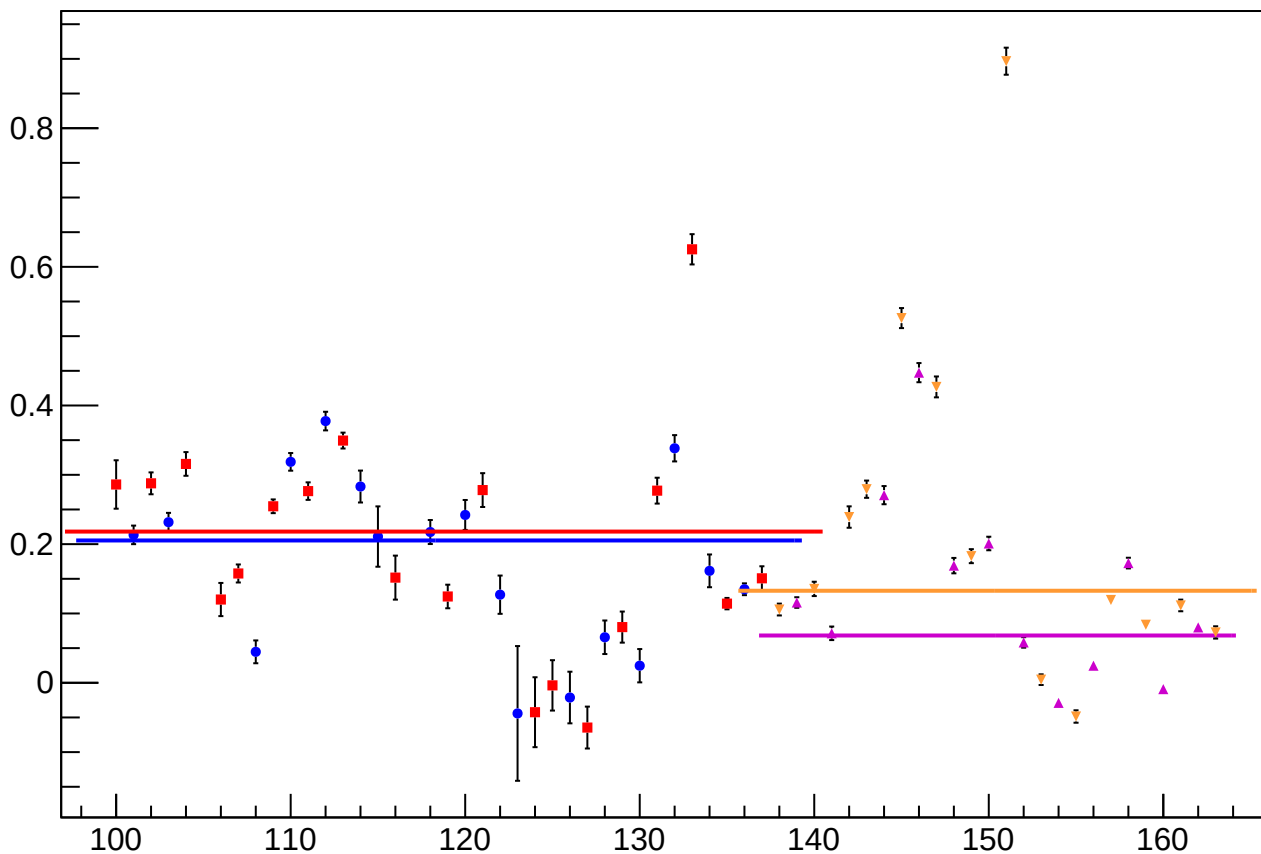
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.141 ± 0.040 χ^2/NDF : 3051.2/28

Out: -2.429 ± 0.043 χ^2/NDF : 4506.0/32

All: -2.275 ± 0.029 χ^2/NDF : 7581.5/61

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.133 $\pm$ 0.003 χ^2 /NDF:3661.9/13

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.068 $\pm$ 0.002 χ^2 /NDF:2122.1/11

Left: 0.094 $\pm$ 0.002 χ^2 /NDF: 6164.7/25

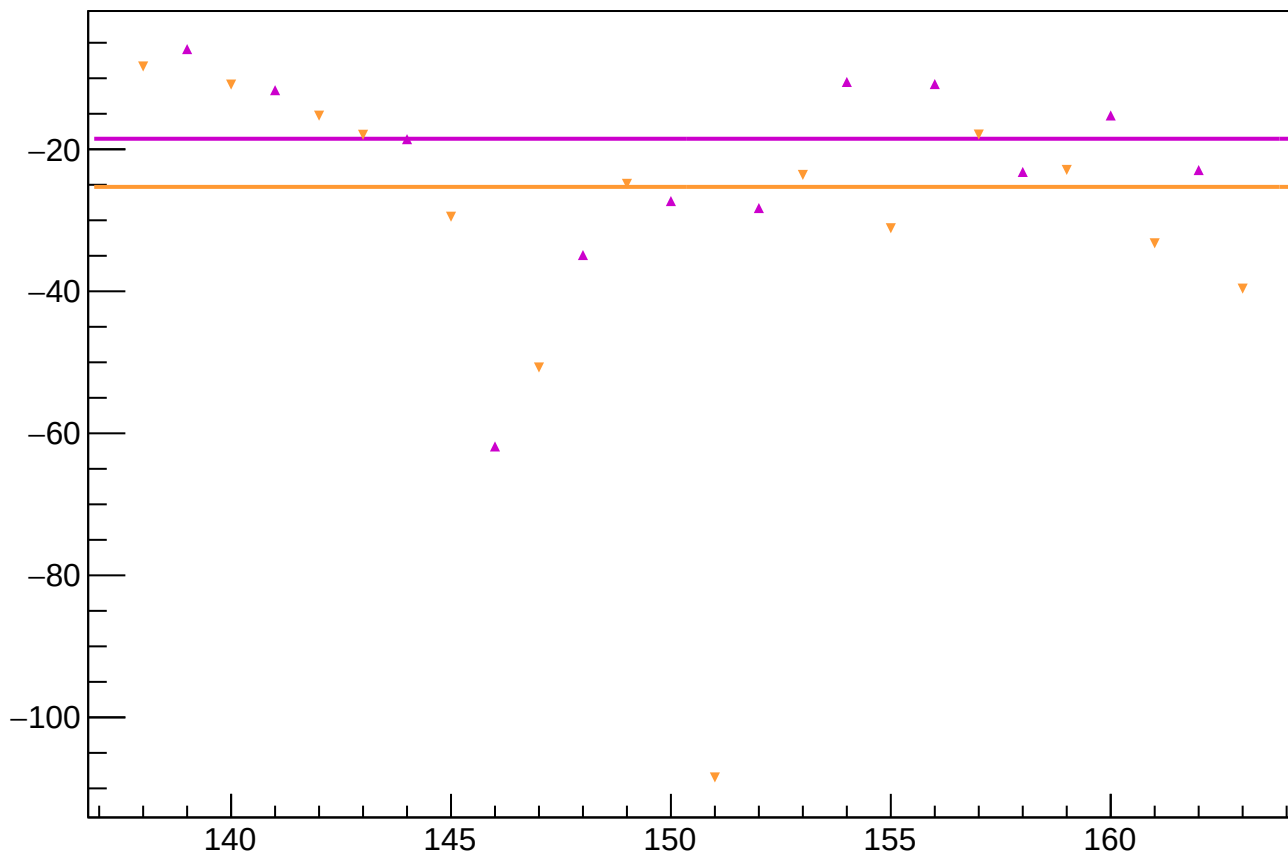
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.096 $\pm$ 0.002 χ^2 /NDF:3613.5/28

Out: 0.160 $\pm$ 0.002 χ^2 /NDF:5047.4/32

All: 0.125 $\pm$ 0.001 χ^2 /NDF: 9175.8/61

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: -25.296+/-0.068 χ^2/NDF :56198.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.518+/-0.060 χ^2/NDF :37389.1/11

Left: -21.447+/-0.045 χ^2/NDF : 99181.8/25

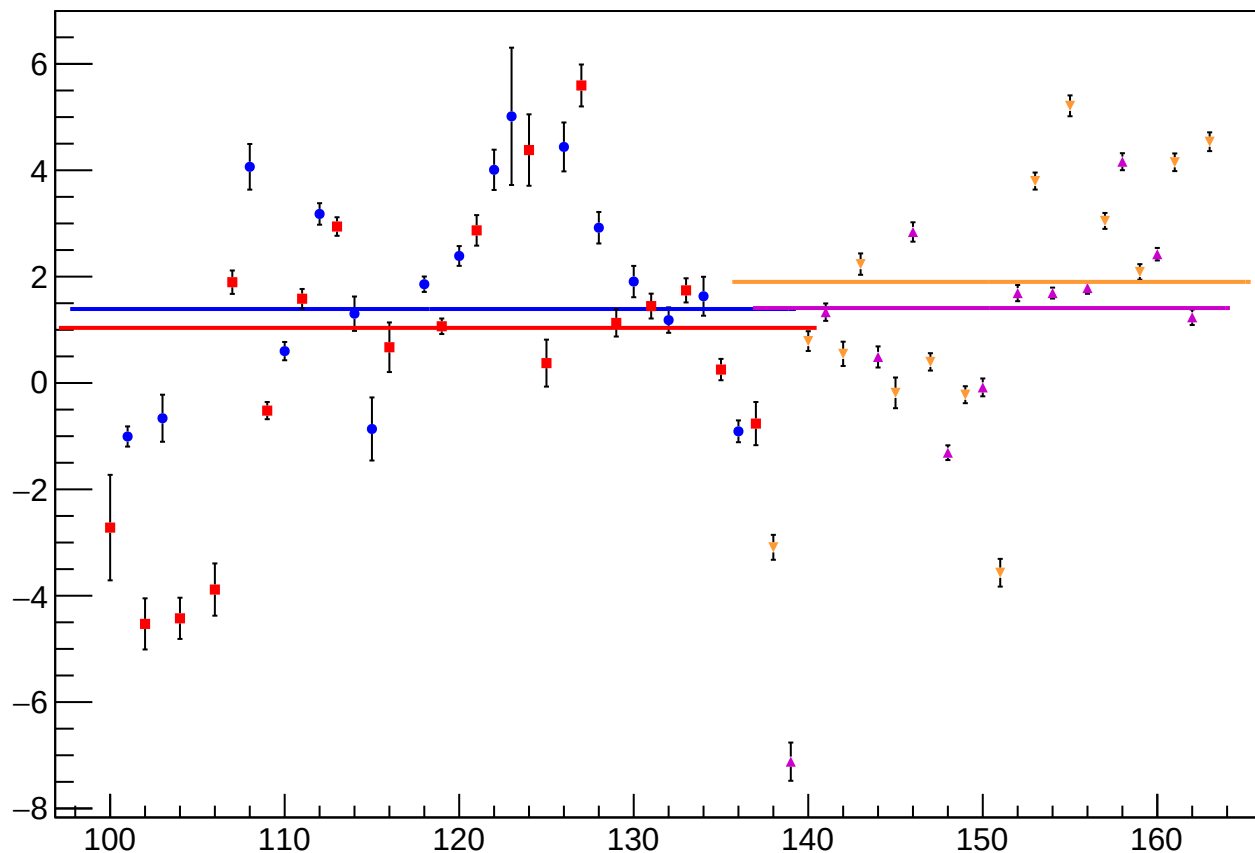
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.518+/-0.060 χ^2/NDF :37389.1/11

Out: -25.296+/-0.068 χ^2/NDF :56198.5/13

All: -21.447+/-0.045 χ^2/NDF : 99181.8/25

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.901 ± 0.049 χ^2/NDF : 2172.1/13

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.409 ± 0.042 χ^2/NDF : 1505.4/11

Left: 1.618 ± 0.032 χ^2/NDF : 3736.0/25

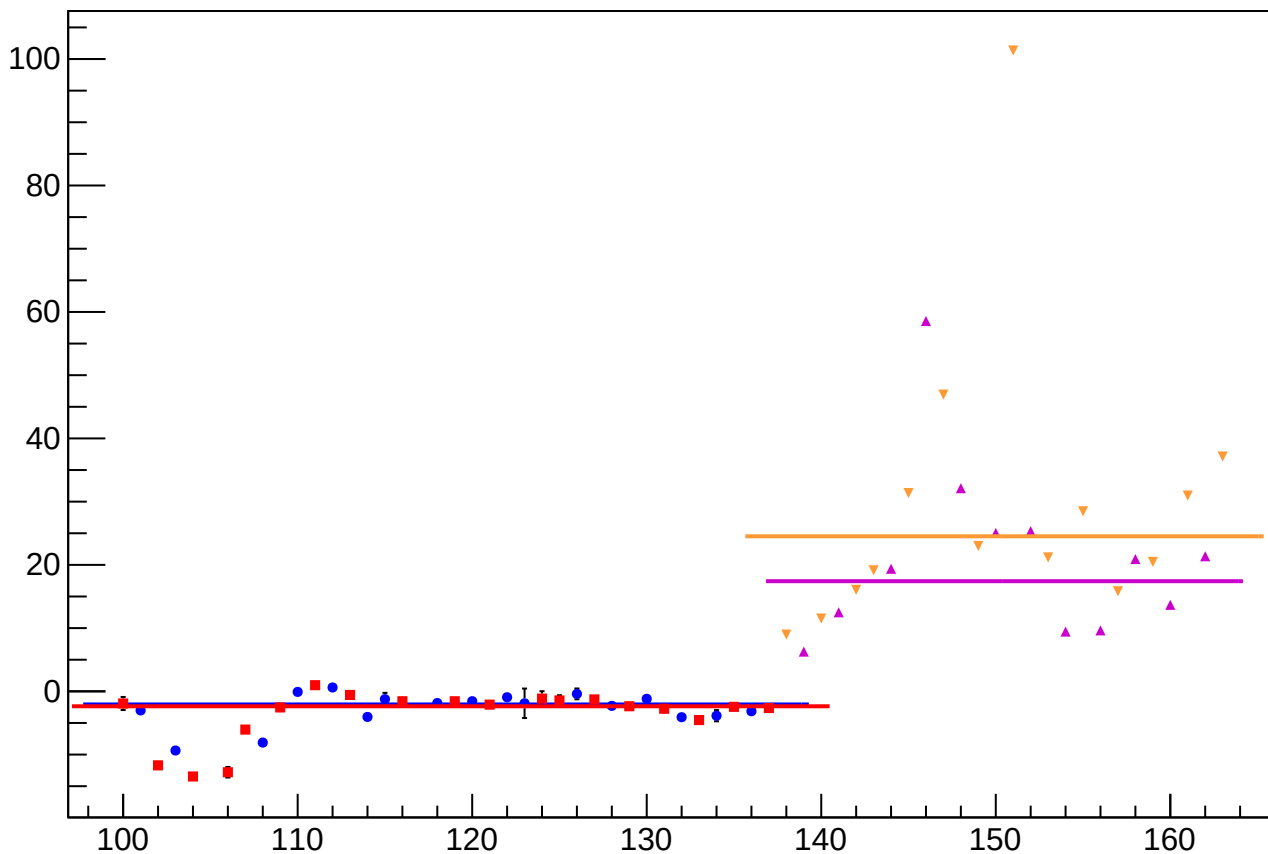
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.403 ± 0.035 χ^2/NDF : 2134.7/28

Out: 1.541 ± 0.037 χ^2/NDF : 3236.9/32

All: 1.467 ± 0.025 χ^2/NDF : 5378.9/61

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: 24.518 ± 0.067 χ^2/NDF : 50309.9/13

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.421 ± 0.057 χ^2/NDF : 35253.9/11

Left: 20.424 ± 0.043 χ^2/NDF : 92094.8/25

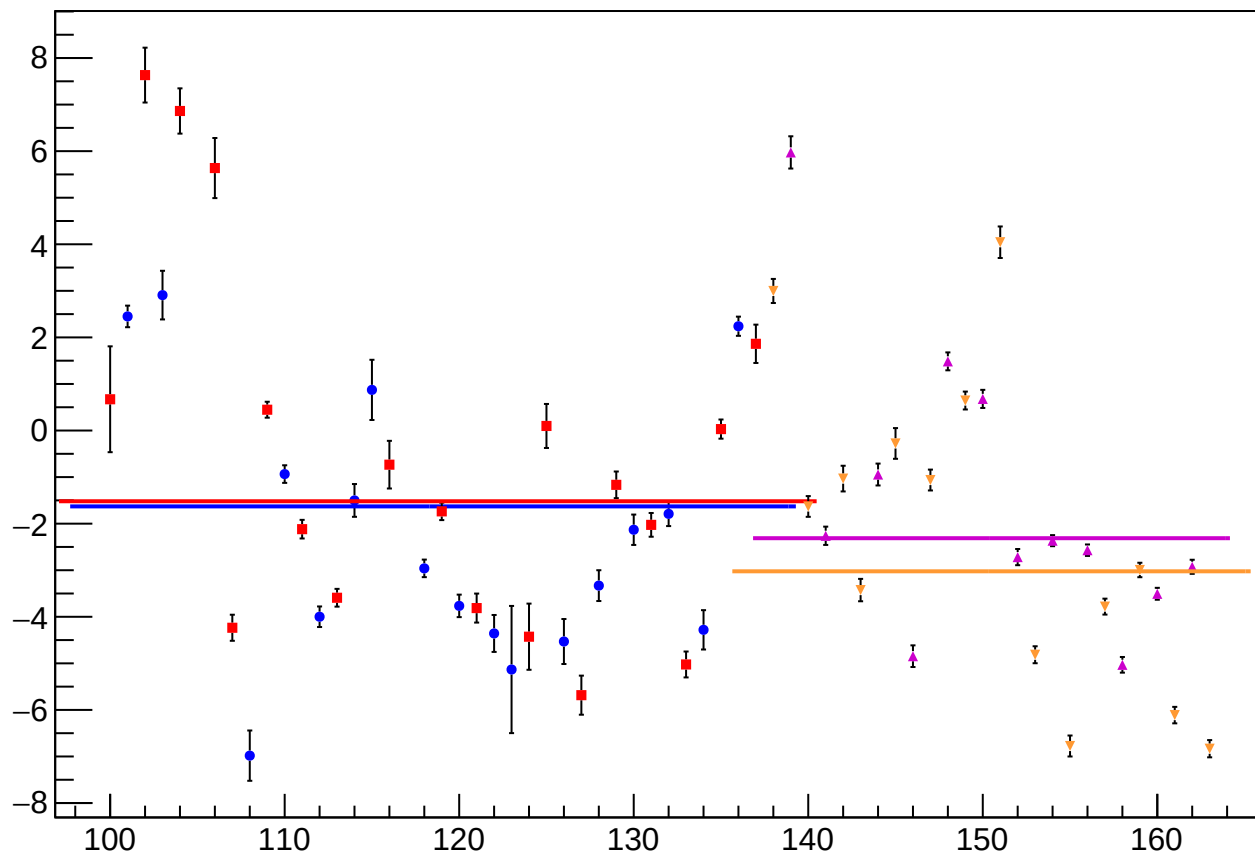
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 13.296 ± 0.051 χ^2/NDF : 60335.9/28

Out: 16.043 ± 0.055 χ^2/NDF : 102406.8/32

All: 14.554 ± 0.037 χ^2/NDF : 164085.0/61

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: -3.023 ± 0.056 χ^2/NDF : 2704.1/13

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.312 ± 0.048 χ^2/NDF : 1726.1/11

Left: -2.612 ± 0.036 χ^2/NDF : 4522.8/25

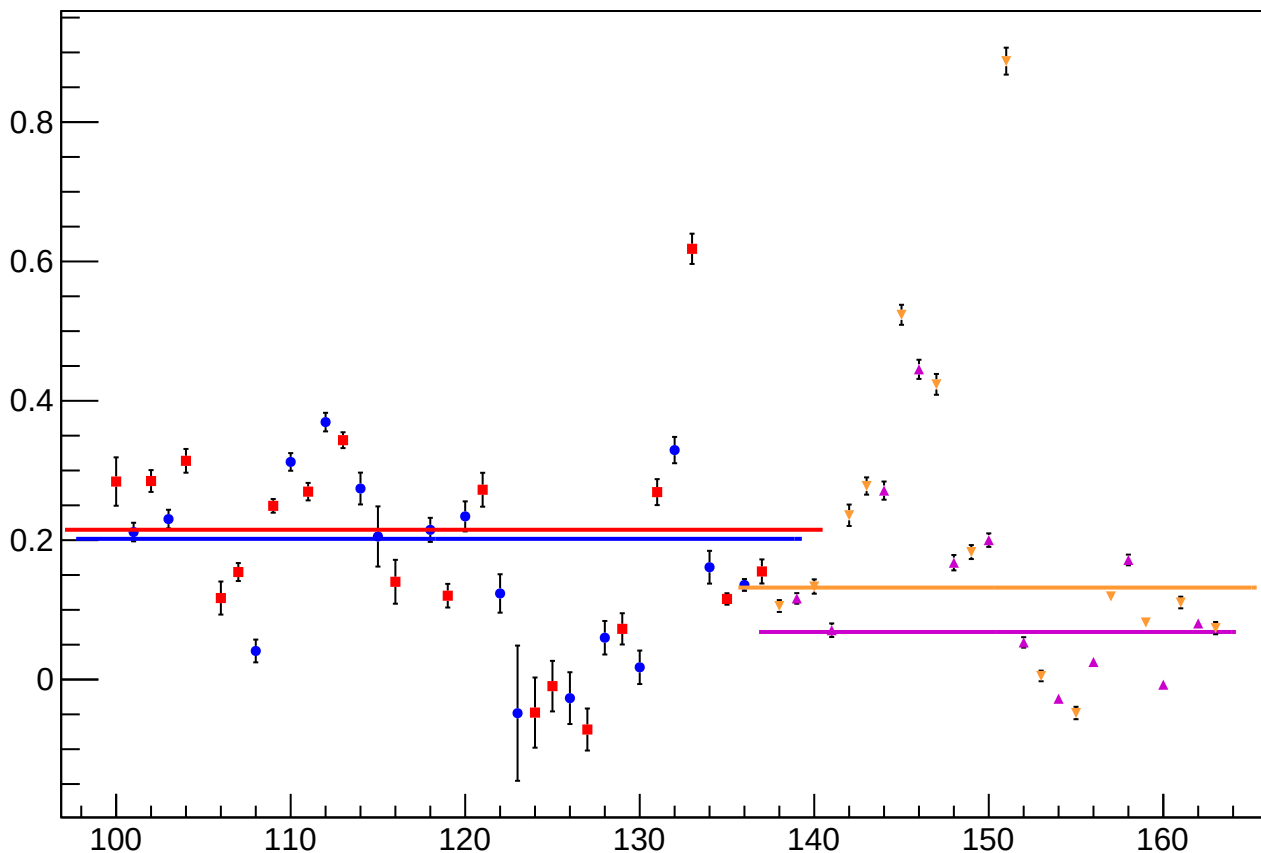
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.095 ± 0.040 χ^2/NDF : 3057.1/28

Out: -2.384 ± 0.043 χ^2/NDF : 4501.2/32

All: -2.229 ± 0.029 χ^2/NDF : 7583.0/61

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.132 ± 0.003 χ^2/NDF : 3653.2/13

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.068 ± 0.002 χ^2/NDF : 2115.9/11

Left: 0.094 ± 0.002 χ^2/NDF : 6144.9/25

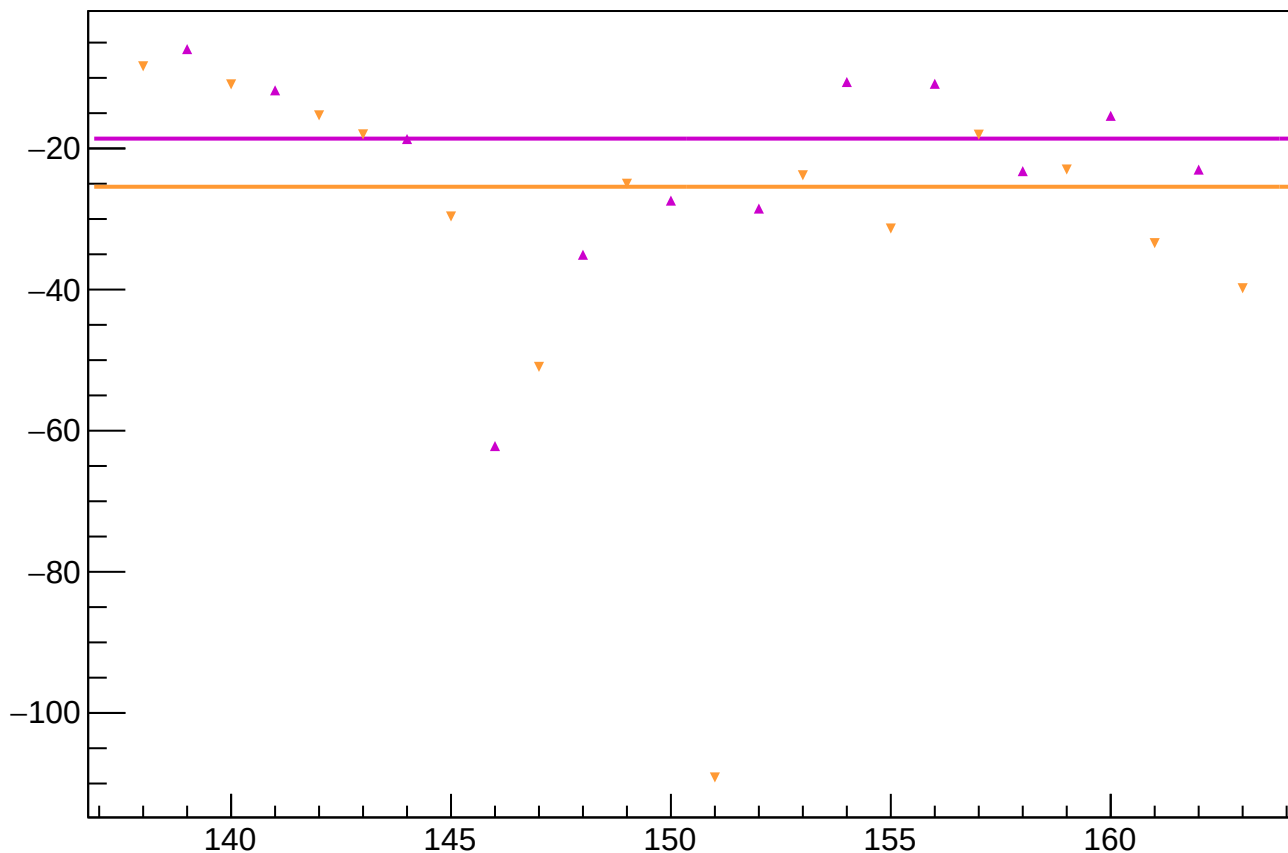
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.096 ± 0.002 χ^2/NDF : 3556.9/28

Out: 0.159 ± 0.002 χ^2/NDF : 5005.0/32

All: 0.124 ± 0.001 χ^2/NDF : 9068.4/61

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: -25.429+/-0.069 χ^2 /NDF:56324.7/13

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -18.607+/-0.060 χ^2 /NDF:37448.0/11

Left: -21.553+/-0.045 χ^2 /NDF: 99393.9/25

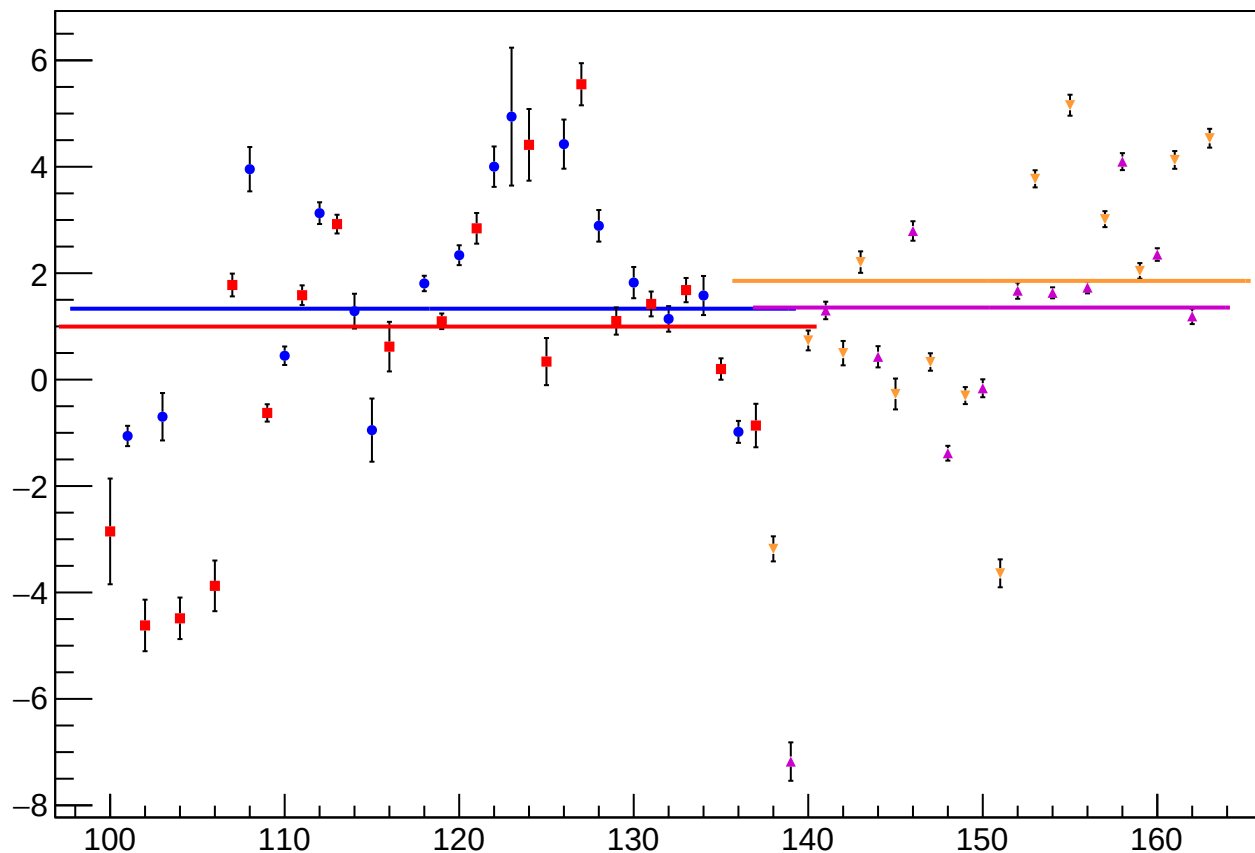
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -18.607+/-0.060 χ^2 /NDF:37448.0/11

Out: -25.429+/-0.069 χ^2 /NDF:56324.7/13

All: -21.553+/-0.045 χ^2 /NDF: 99393.9/25

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.856 ± 0.049 χ^2/NDF : 2190.4/13

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 1.354 ± 0.042 χ^2/NDF : 1499.1/11

Left: 1.567 ± 0.032 χ^2/NDF : 3749.8/25

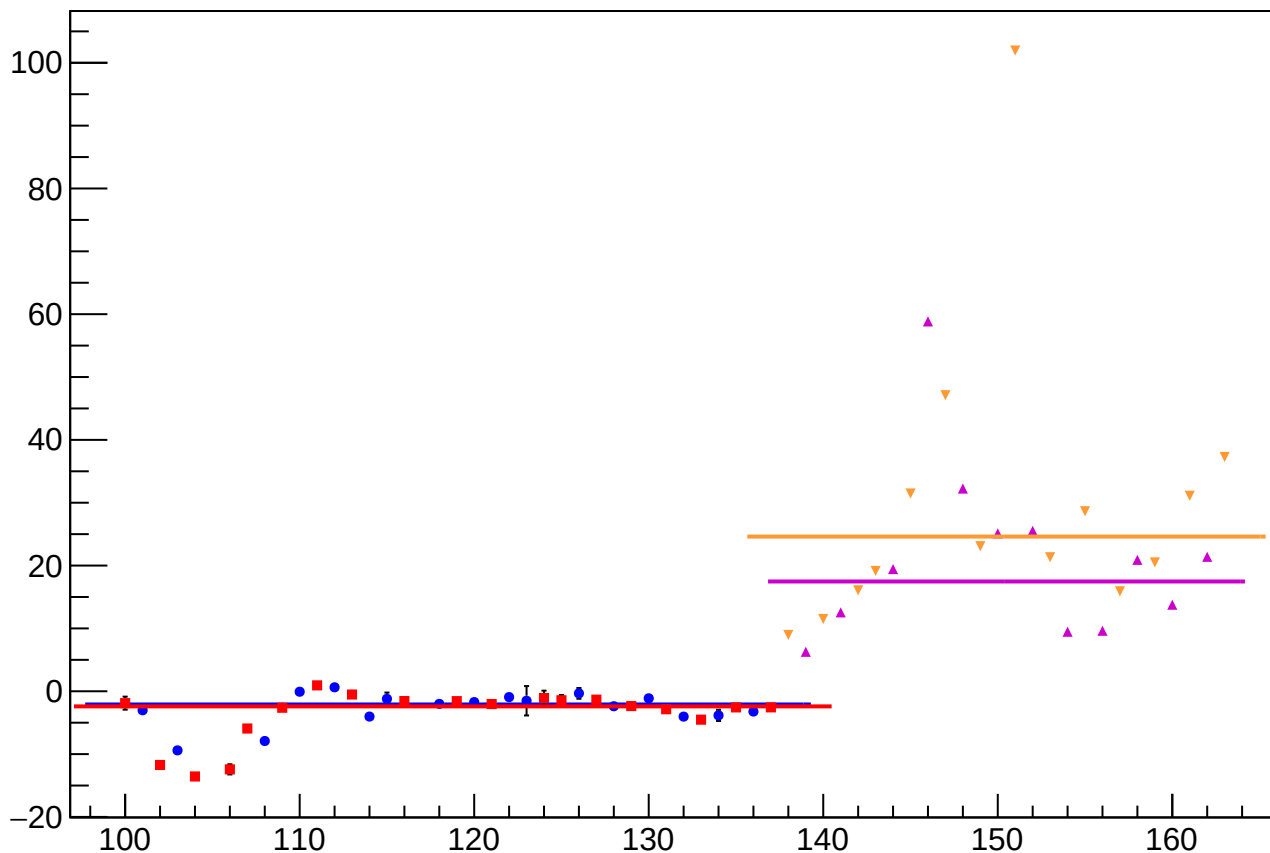
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.347 ± 0.035 χ^2/NDF : 2133.8/28

Out: 1.497 ± 0.037 χ^2/NDF : 3263.8/32

All: 1.417 ± 0.025 χ^2/NDF : 5406.2/61

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: 24.615 ± 0.067 χ^2/NDF : 50417.1/13

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.469 ± 0.057 χ^2/NDF : 35321.0/11

Left: 20.490 ± 0.044 χ^2/NDF : 92306.4/25

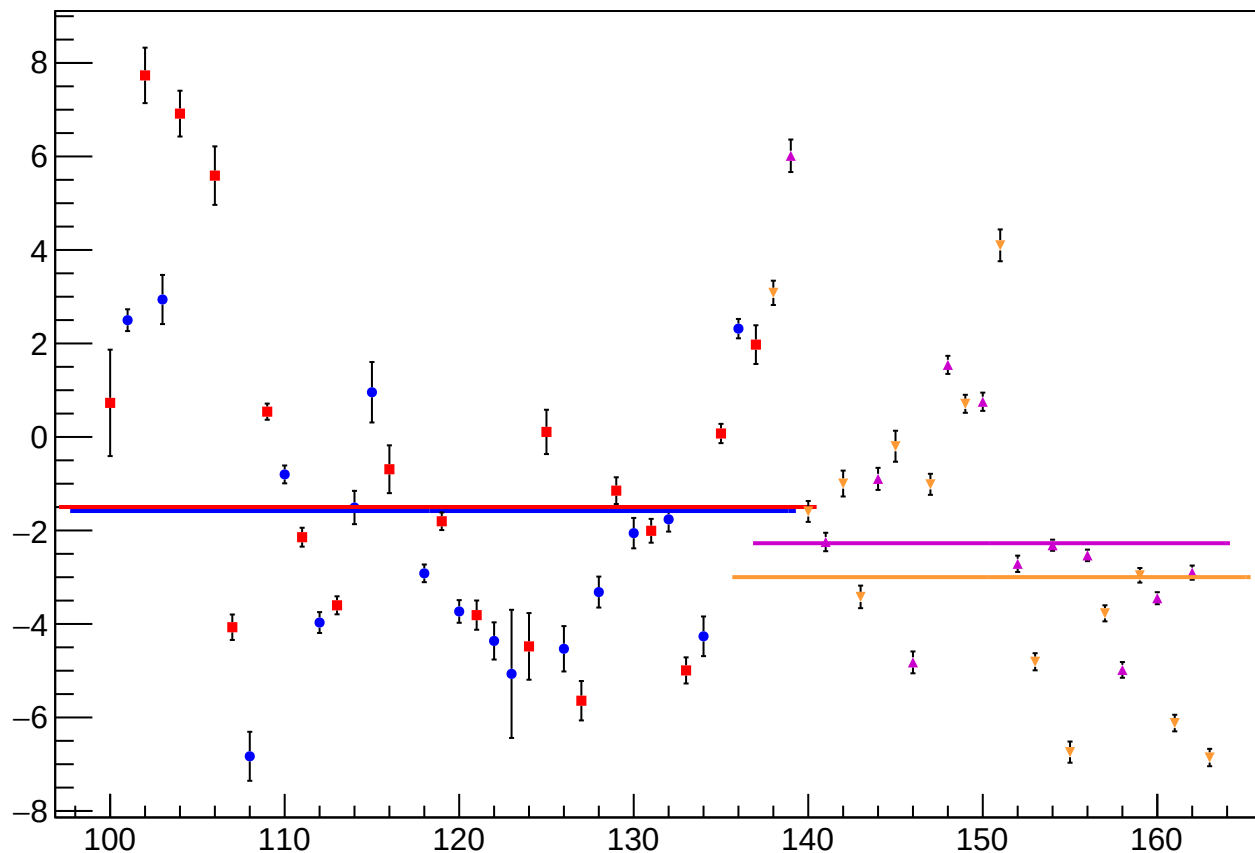
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 13.339 ± 0.051 χ^2/NDF : 60348.9/28

Out: 16.103 ± 0.055 χ^2/NDF : 102558.1/32

All: 14.604 ± 0.038 χ^2/NDF : 164254.7/61

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -2.998 ± 0.056 $\chi^2/\text{NDF}: 2728.6/13$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -2.273 ± 0.048 $\chi^2/\text{NDF}: 1721.2/11$

Left: -2.579 ± 0.037 $\chi^2/\text{NDF}: 4545.4/25$

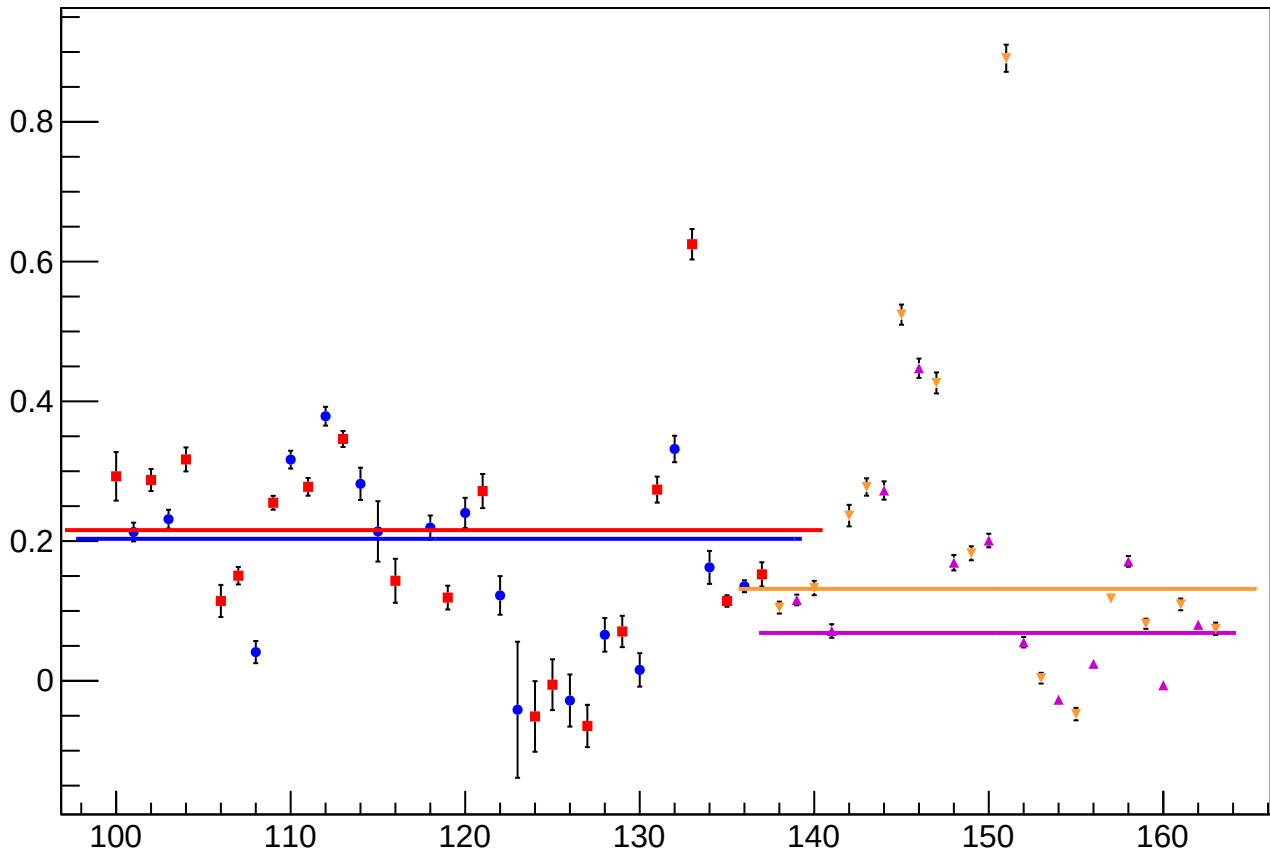
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -2.054 ± 0.040 $\chi^2/\text{NDF}: 3058.4/28$

Out: -2.360 ± 0.043 $\chi^2/\text{NDF}: 4533.4/32$

All: -2.196 ± 0.029 $\chi^2/\text{NDF}: 7619.3/61$

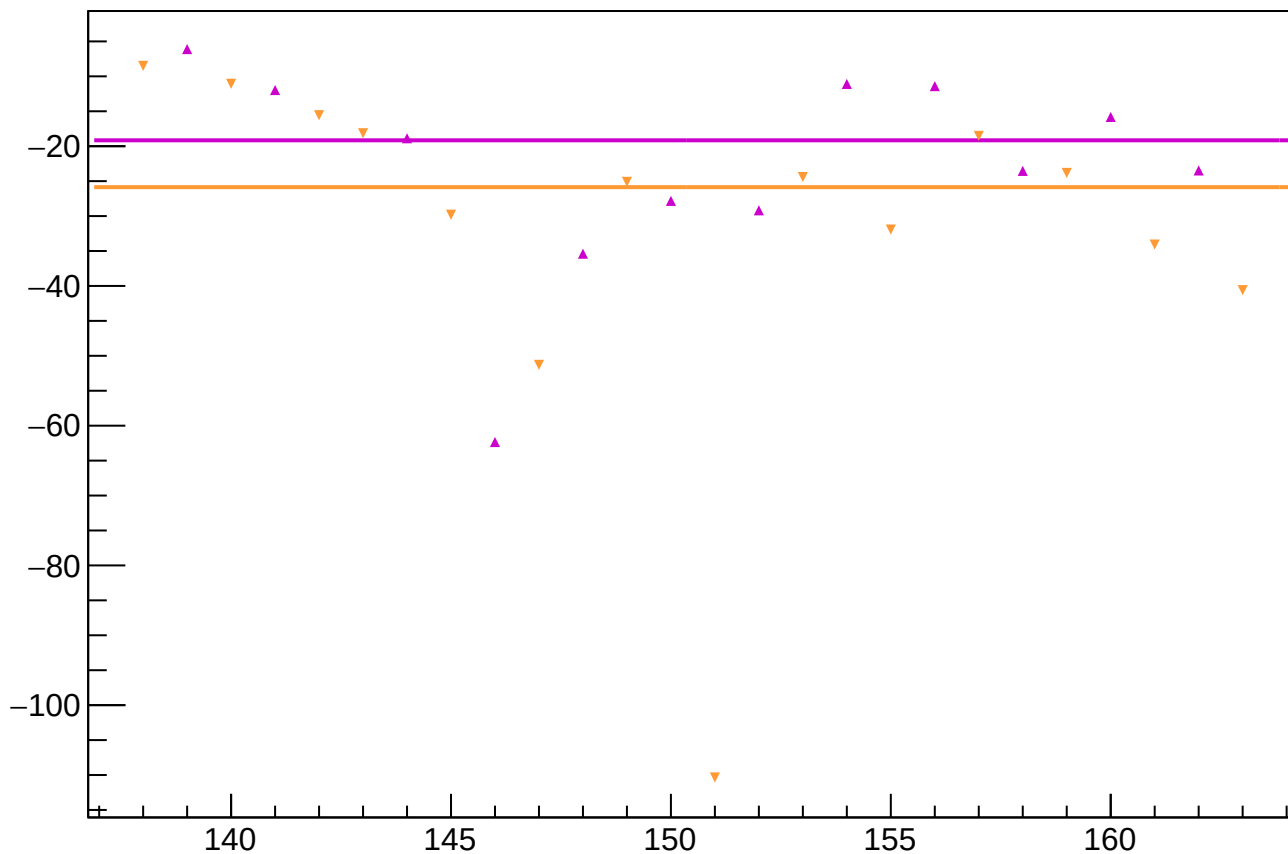
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16
 Left Out: 0.132 ± 0.003 χ^2/NDF : 3645.4/13
 Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18
 Left In: 0.069 ± 0.002 χ^2/NDF : 2106.4/11

Left: 0.094 ± 0.002 χ^2/NDF : 6116.7/25
 Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35
 In: 0.096 ± 0.002 χ^2/NDF : 3582.7/28
 Out: 0.159 ± 0.002 χ^2/NDF : 5036.9/32
 All: 0.124 ± 0.001 χ^2/NDF : 9115.5/61

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: -25.860+/-0.070 χ^2/NDF :56251.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.155+/-0.061 χ^2/NDF :36359.7/11

Left: -22.077+/-0.046 χ^2/NDF : 97832.1/25

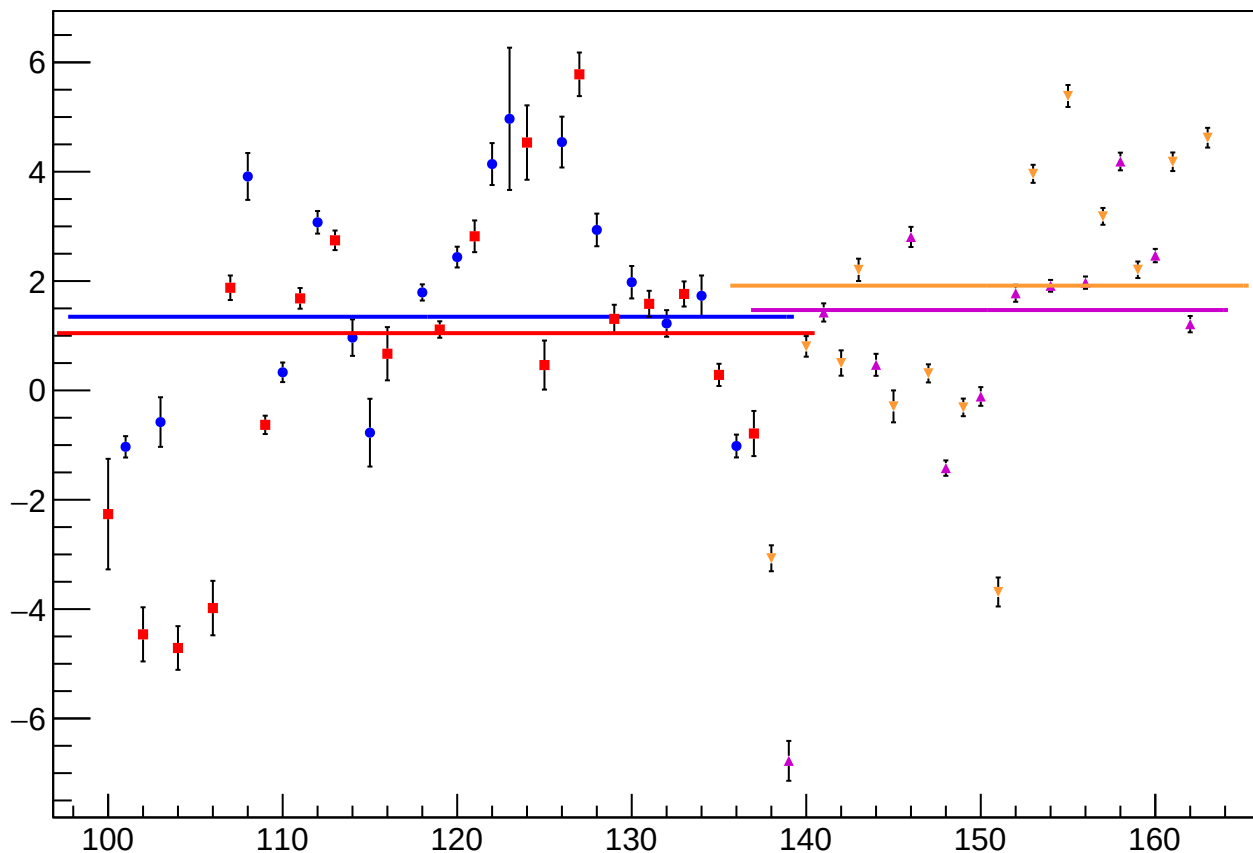
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.155+/-0.061 χ^2/NDF :36359.7/11

Out: -25.860+/-0.070 χ^2/NDF :56251.8/13

All: -22.077+/-0.046 χ^2/NDF : 97832.1/25

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.916 ± 0.050 χ^2/NDF : 2229.6/13

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.470 ± 0.043 χ^2/NDF : 1487.4/11

Left: 1.661 ± 0.033 χ^2/NDF : 3762.9/25

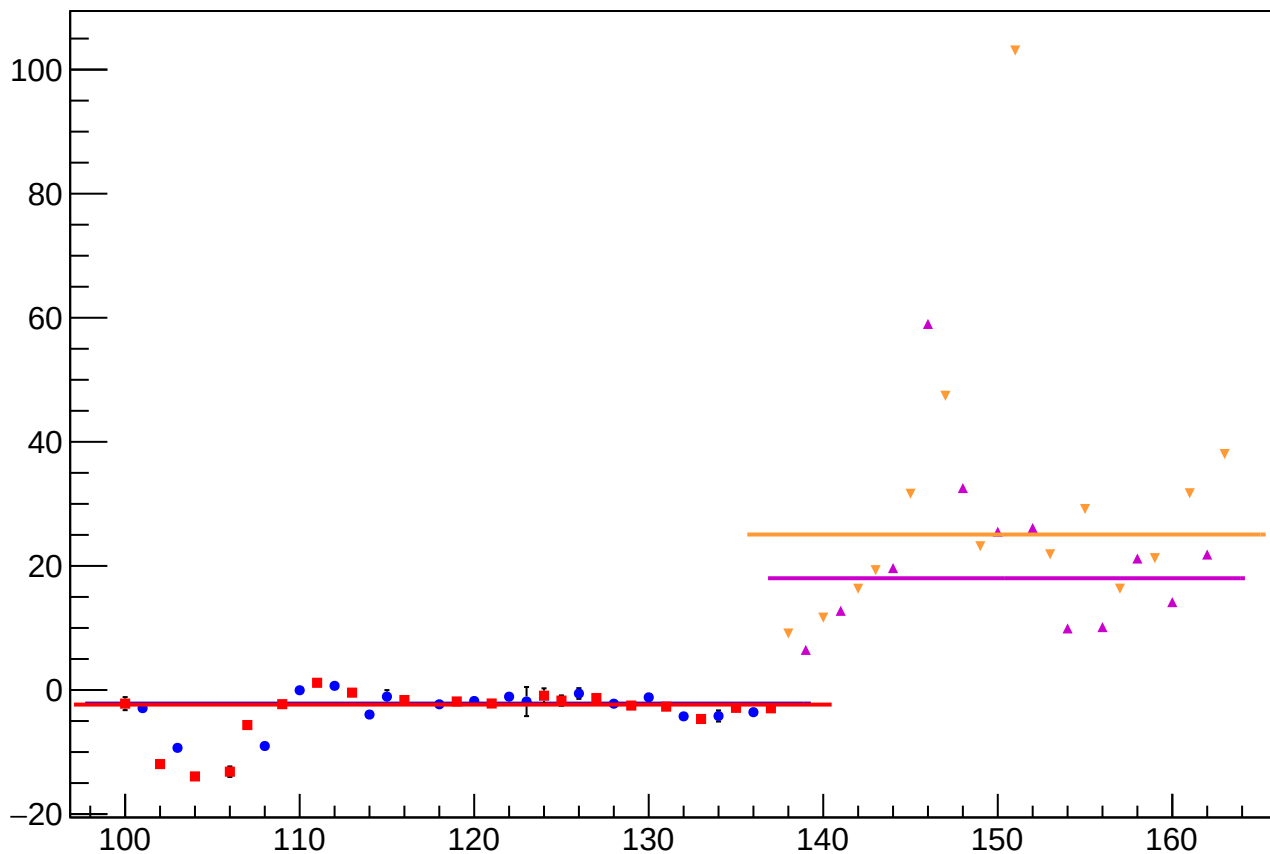
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.430 ± 0.035 χ^2/NDF : 2120.2/28

Out: 1.556 ± 0.038 χ^2/NDF : 3271.7/32

All: 1.488 ± 0.026 χ^2/NDF : 5397.7/61

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: 25.062 ± 0.068 $\chi^2/\text{NDF}: 50195.2/13$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 18.014 ± 0.059 $\chi^2/\text{NDF}: 34142.5/11$

Left: 21.022 ± 0.045 $\chi^2/\text{NDF}: 90472.0/25$

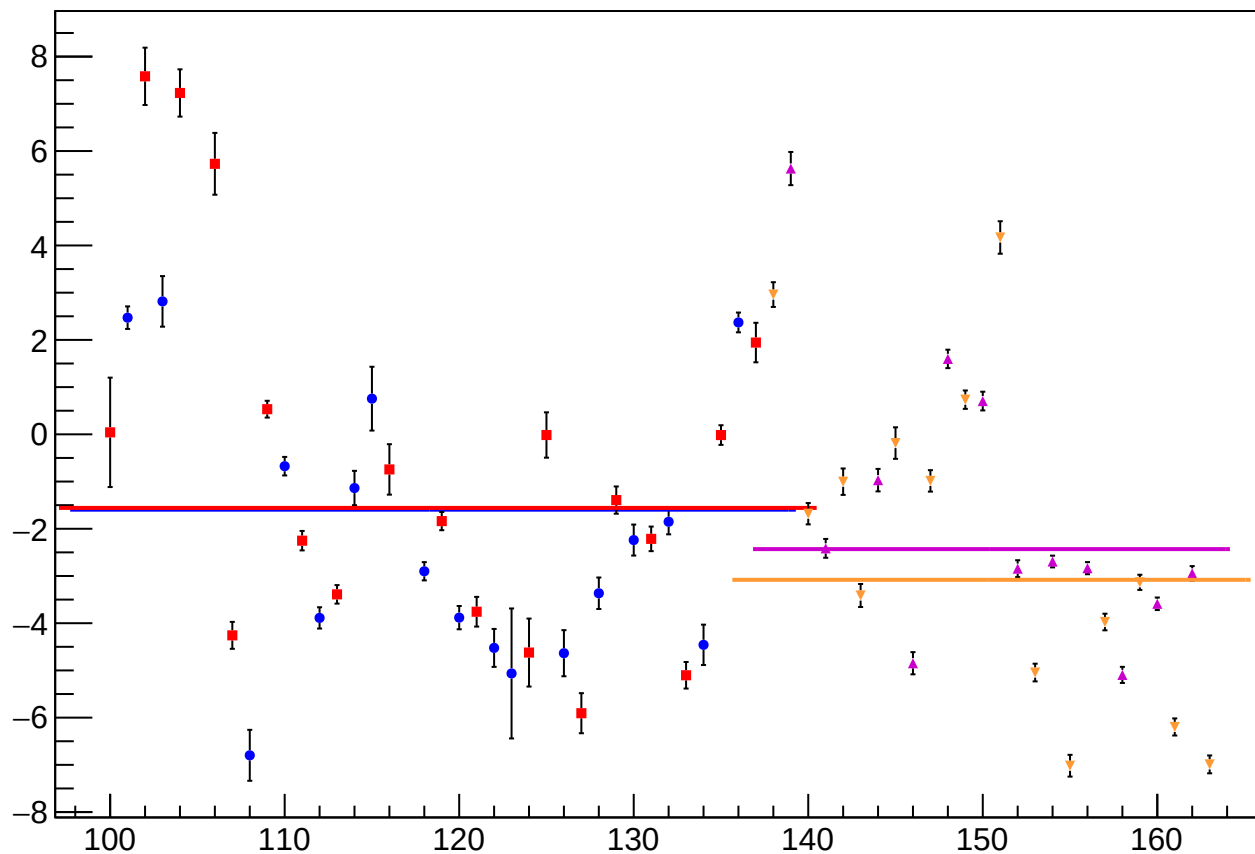
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 13.701 ± 0.052 $\chi^2/\text{NDF}: 59828.7/28$

Out: 16.475 ± 0.056 $\chi^2/\text{NDF}: 101809.3/32$

All: 14.978 ± 0.038 $\chi^2/\text{NDF}: 162940.1/61$

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: -3.081 ± 0.057 χ^2/NDF : 2766.8/13

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.431 ± 0.049 χ^2/NDF : 1695.7/11

Left: -2.708 ± 0.037 χ^2/NDF : 4536.3/25

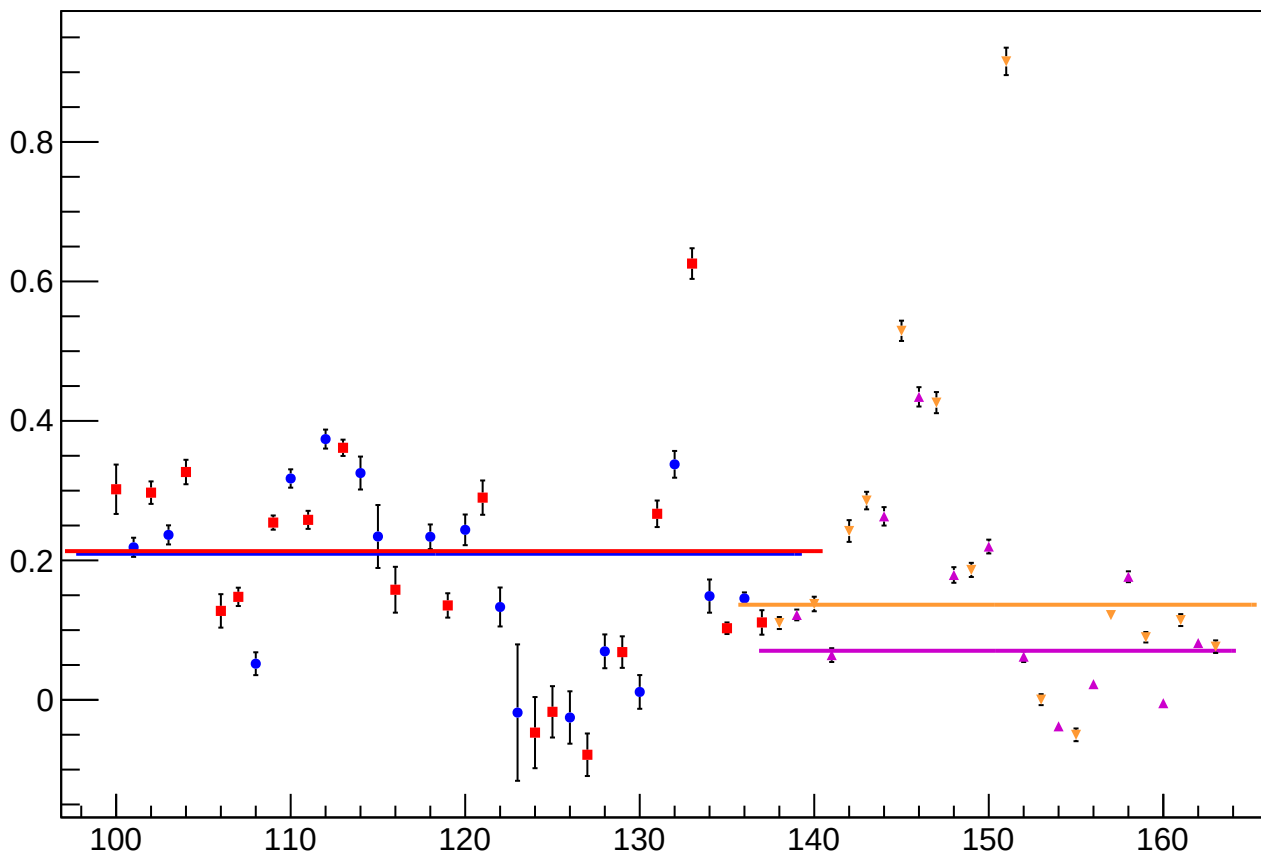
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.162 ± 0.041 χ^2/NDF : 3043.2/28

Out: -2.435 ± 0.044 χ^2/NDF : 4529.4/32

All: -2.289 ± 0.030 χ^2/NDF : 7593.6/61

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 χ^2/NDF : 597.7/16

Left Out: 0.136 ± 0.003 χ^2/NDF : 3698.6/13

Right Out: 0.213 ± 0.004 χ^2/NDF : 1103.2/18

Left In: 0.070 ± 0.002 χ^2/NDF : 2145.5/11

Left: 0.097 ± 0.002 χ^2/NDF : 6227.3/25

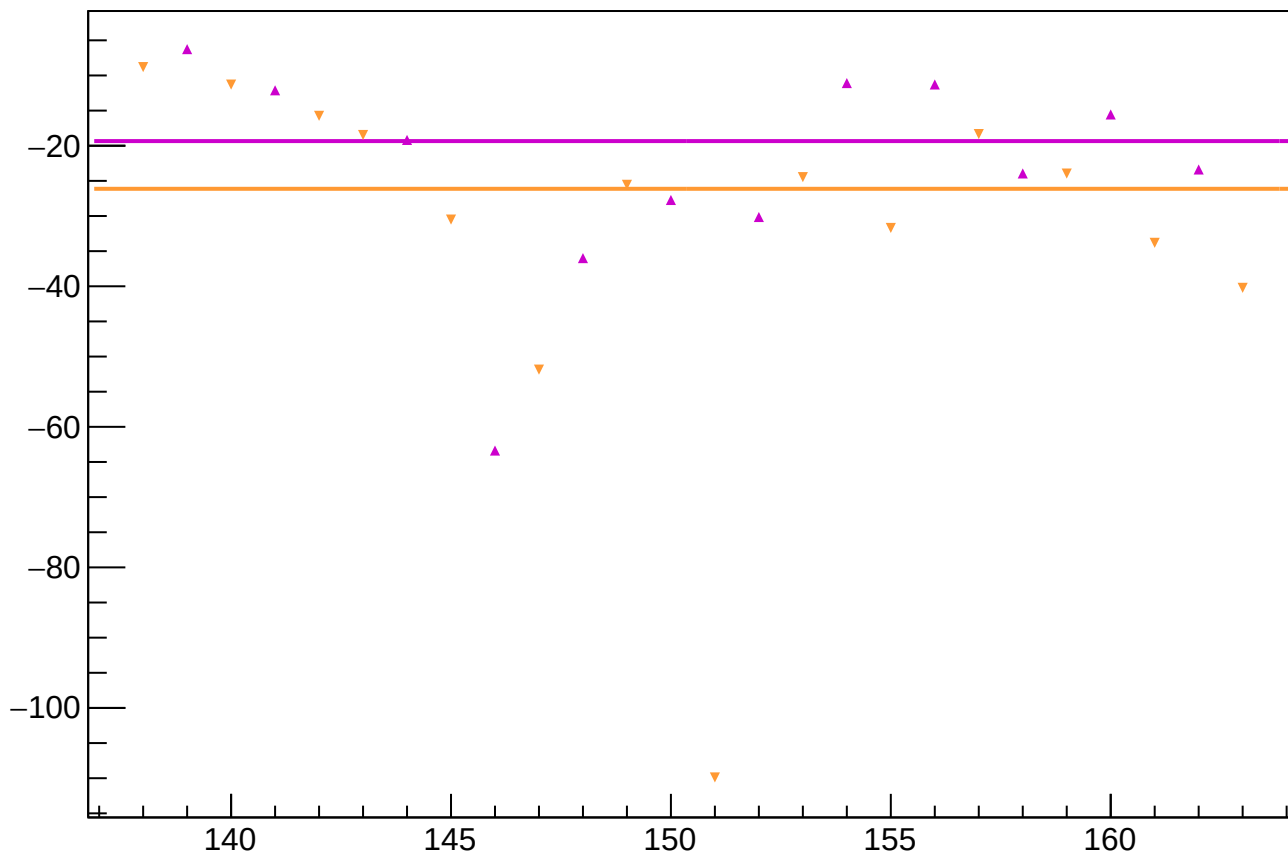
Right: 0.212 ± 0.003 χ^2/NDF : 1701.4/35

In: 0.099 ± 0.002 χ^2/NDF : 3608.9/28

Out: 0.161 ± 0.002 χ^2/NDF : 5085.9/32

All: 0.127 ± 0.001 χ^2/NDF : 9158.0/61

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: -26.128+/-0.071 χ^2/NDF :54967.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.339+/-0.062 χ^2/NDF :36654.5/11

Left: -22.311+/-0.047 χ^2/NDF : 96834.4/25

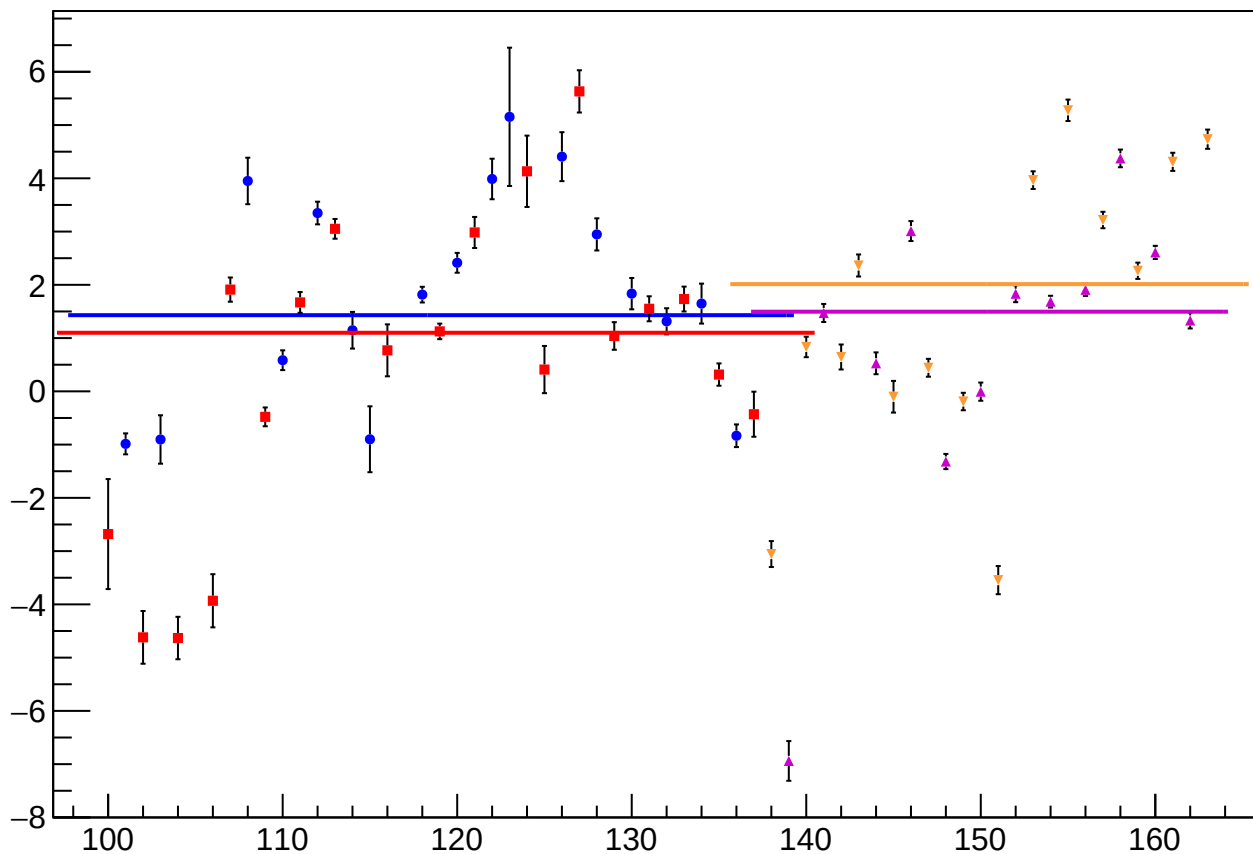
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.339+/-0.062 χ^2/NDF :36654.5/11

Out: -26.128+/-0.071 χ^2/NDF :54967.6/13

All: -22.311+/-0.047 χ^2/NDF : 96834.4/25

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: 2.013 $\pm$ 0.050 χ^2/NDF :2142.4/13

Right Out: 1.100 $\pm$ 0.060 χ^2/NDF : 901.0/18

Left In: 1.496 $\pm$ 0.044 χ^2/NDF :1467.0/11

Left: 1.719 $\pm$ 0.033 χ^2/NDF : 3669.6/25

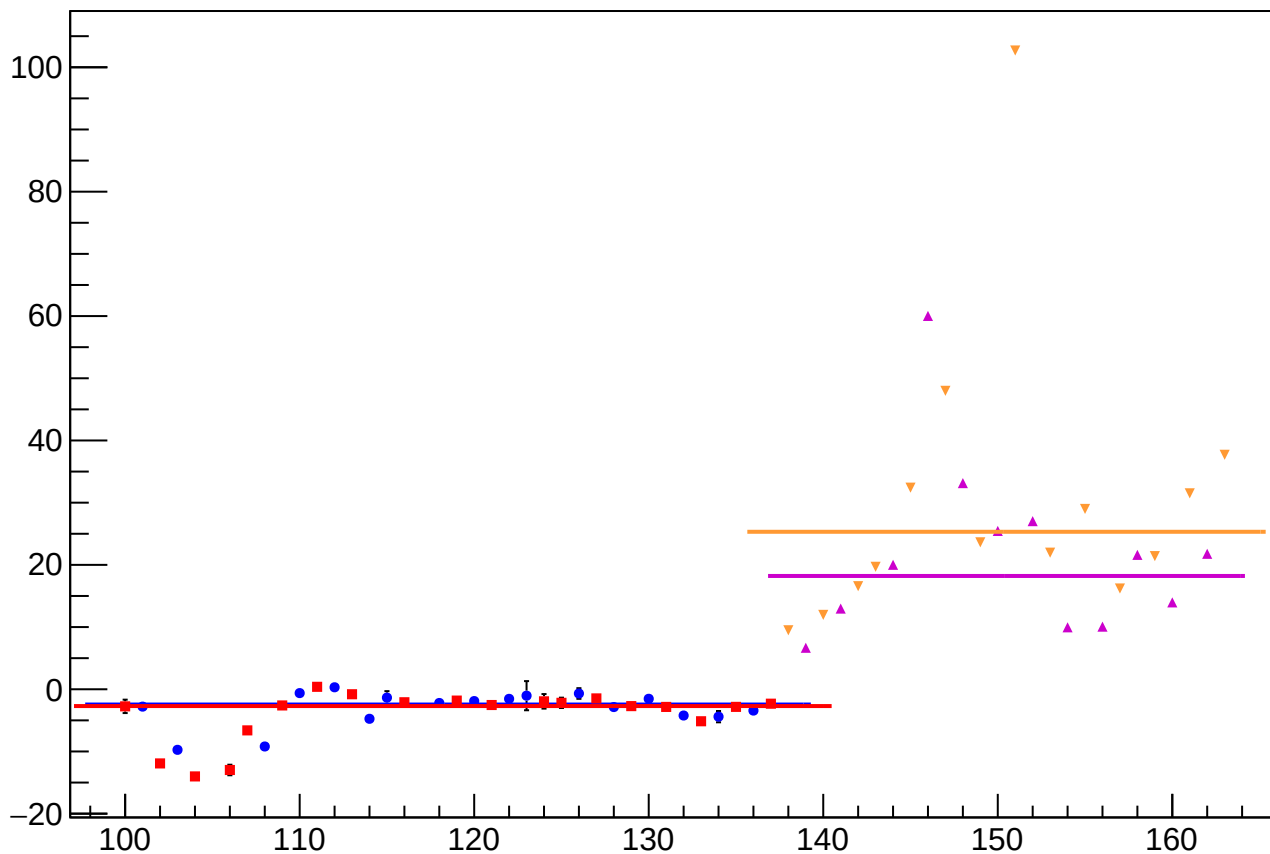
Right: 1.257 $\pm$ 0.043 χ^2/NDF : 1513.6/35

In: 1.474 $\pm$ 0.036 χ^2/NDF :2065.7/28

Out: 1.635 $\pm$ 0.039 χ^2/NDF :3179.6/32

All: 1.549 $\pm$ 0.026 χ^2/NDF : 5254.7/61

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: 25.320 ± 0.069 χ^2/NDF : 49196.5/13

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.217 ± 0.060 χ^2/NDF : 34478.1/11

Left: 21.265 ± 0.045 χ^2/NDF : 89748.4/25

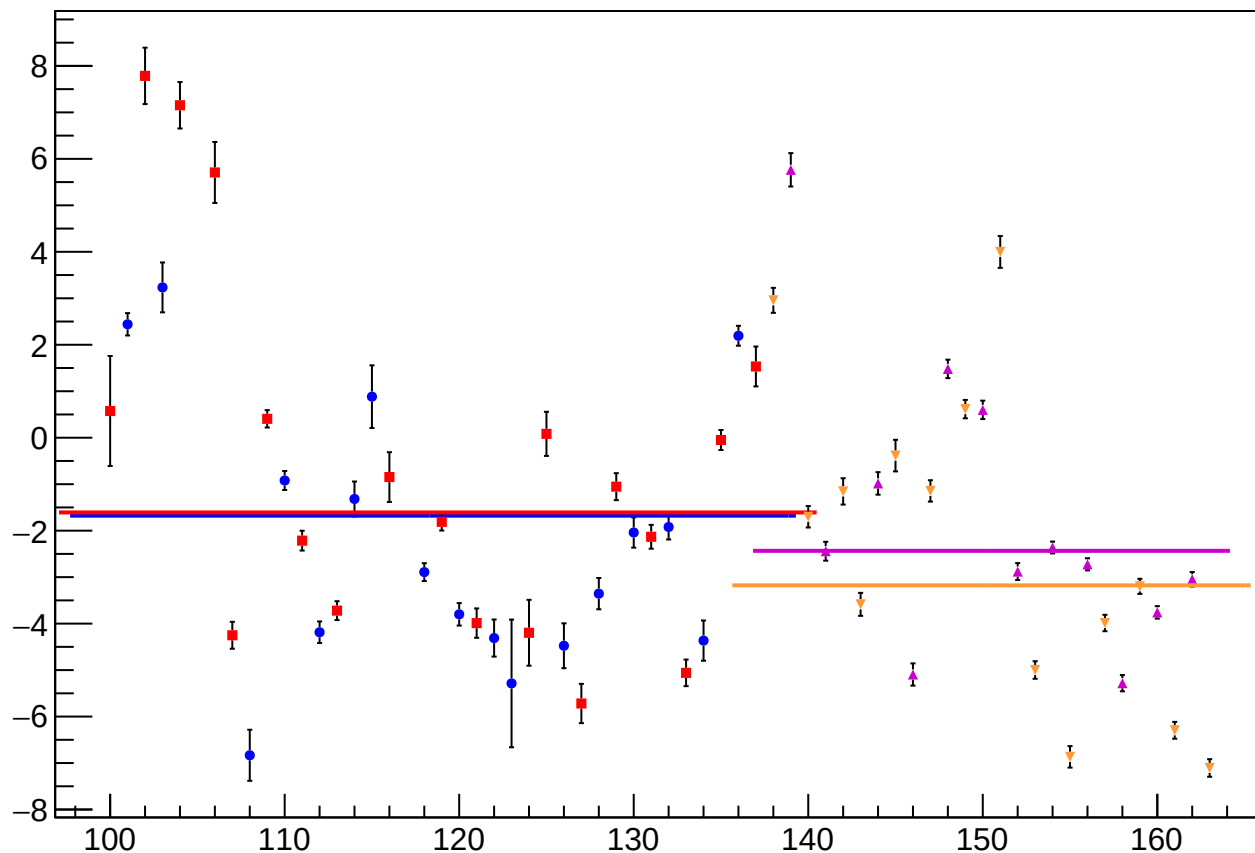
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 13.801 ± 0.053 χ^2/NDF : 60506.0/28

Out: 16.675 ± 0.057 χ^2/NDF : 101112.0/32

All: 15.126 ± 0.039 χ^2/NDF : 162975.6/61

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: -3.176 ± 0.058 χ^2/NDF : 2660.8/13

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.434 ± 0.050 χ^2/NDF : 1692.9/11

Left: -2.752 ± 0.038 χ^2/NDF : 4447.6/25

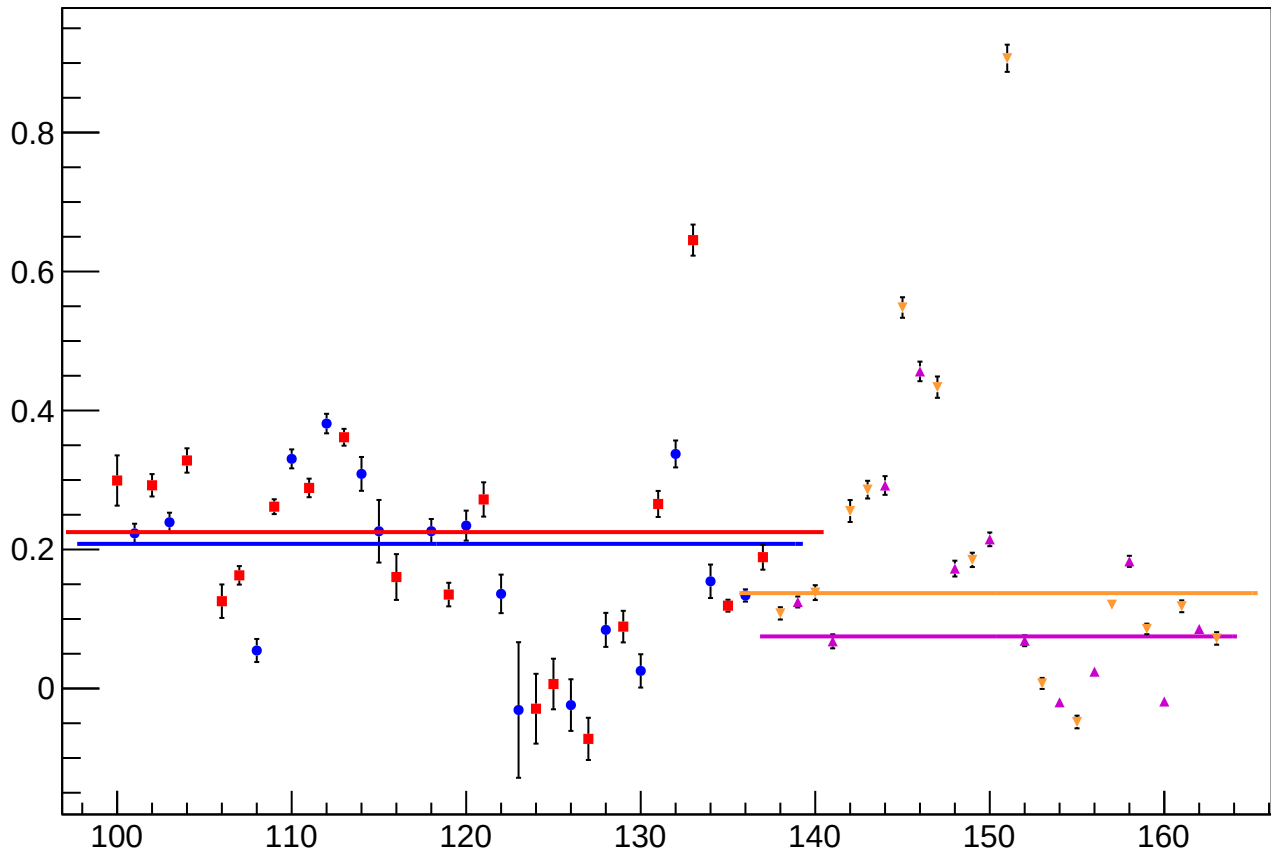
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.189 ± 0.041 χ^2/NDF : 2971.5/28

Out: -2.515 ± 0.044 χ^2/NDF : 4400.7/32

All: -2.341 ± 0.030 χ^2/NDF : 7401.4/61

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.101 $\pm$ 0.002 χ^2 /NDF: 6181.5/25

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.103 $\pm$ 0.002 χ^2 /NDF:3515.2/28

Out: 0.165 $\pm$ 0.002 χ^2 /NDF:5063.6/32

All: 0.131 $\pm$ 0.001 χ^2 /NDF: 9036.6/61