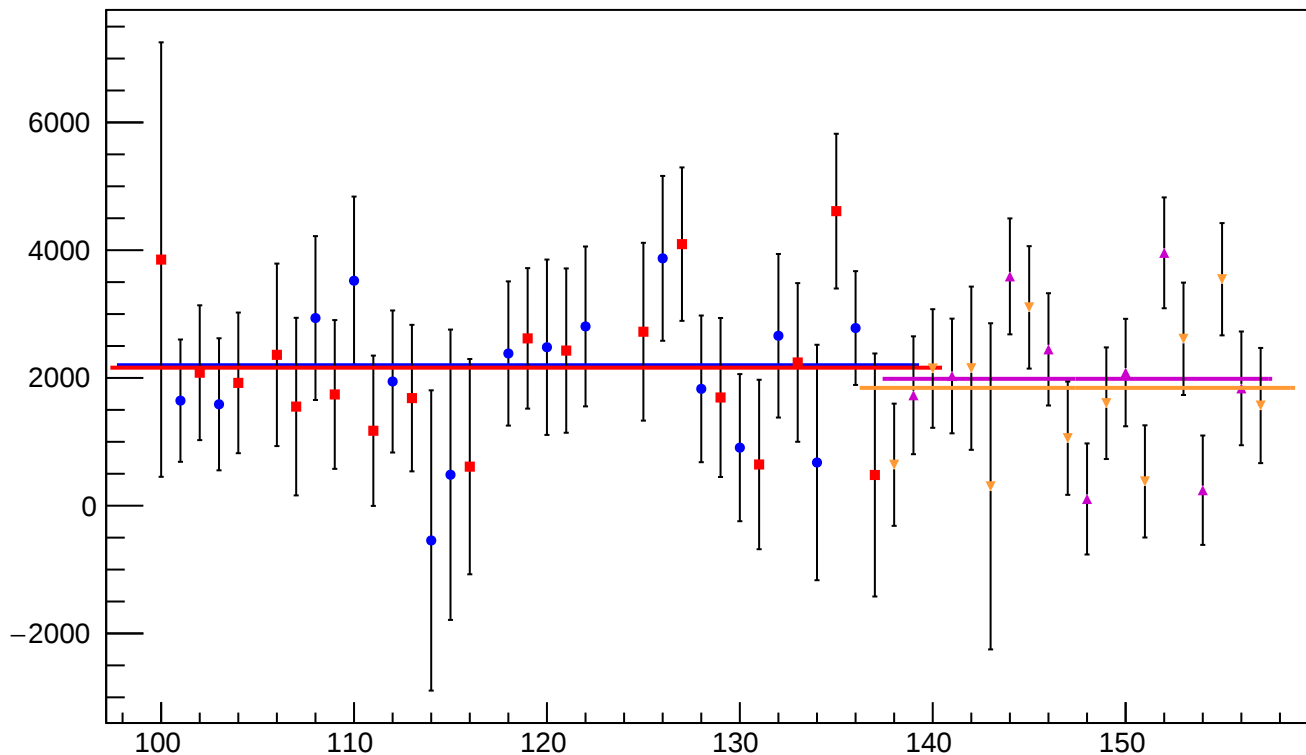


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1844.513+/-291.088

Right Out: 2160.742+/-303.587

Left In: 1986.136+/-293.422

χ^2/NDF : 8.6/15

χ^2/NDF :12.1/10

χ^2/NDF : 11.7/17

χ^2/NDF :17.5/8

Left: 1914.759+/-206.651

Right: 2179.612+/-215.784

In: 2087.780+/-212.042

Out: 1995.984+/-210.110

All: 2041.462+/-149.248

χ^2/NDF : 29.7/19

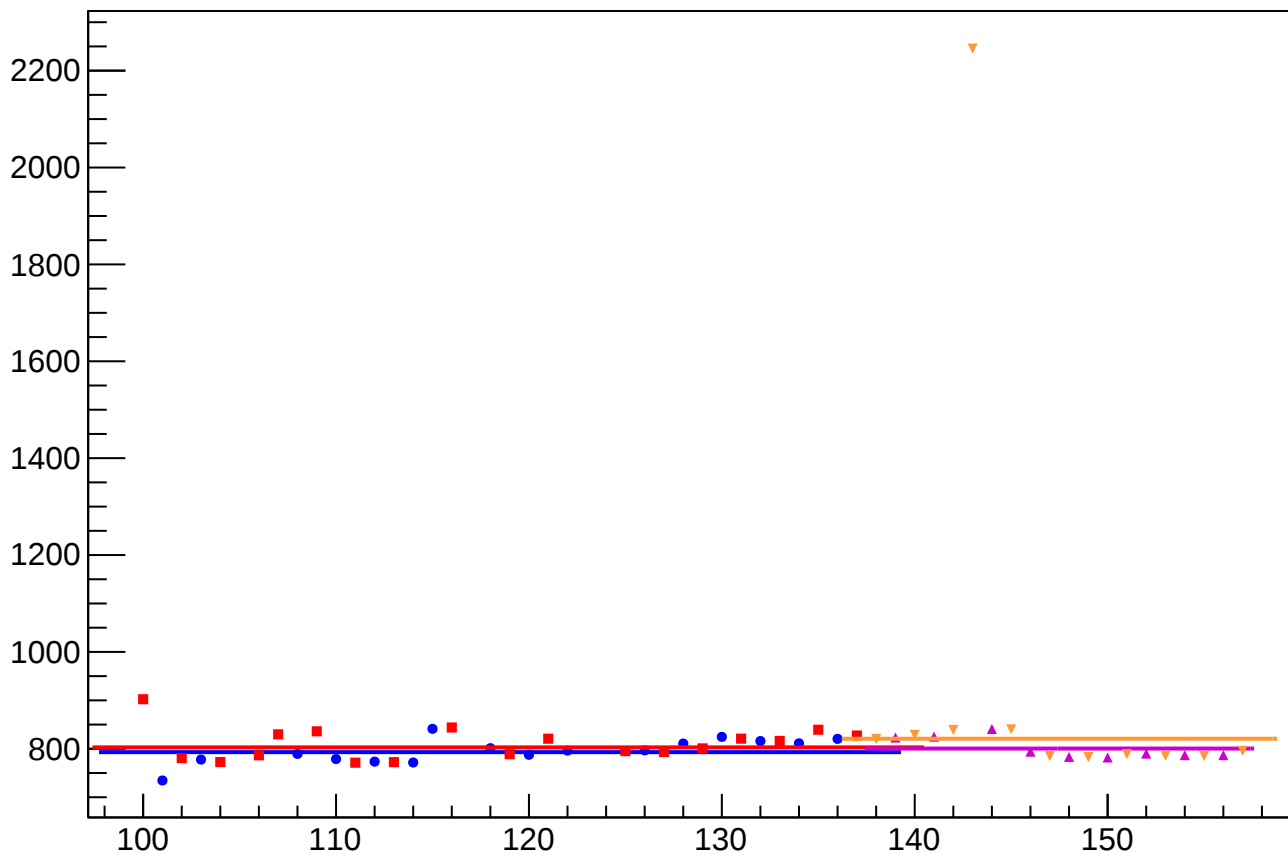
χ^2/NDF : 20.3/33

χ^2/NDF :26.4/24

χ^2/NDF :24.3/28

χ^2/NDF : 50.8/53

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 820.813 $\pm$ 0.206 χ^2 /NDF:641986.1/10

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

Left In: 800.523 $\pm$ 0.207 χ^2 /NDF:9769.8/8

Left: 810.749 $\pm$ 0.146 χ^2 /NDF: 656575.7/19

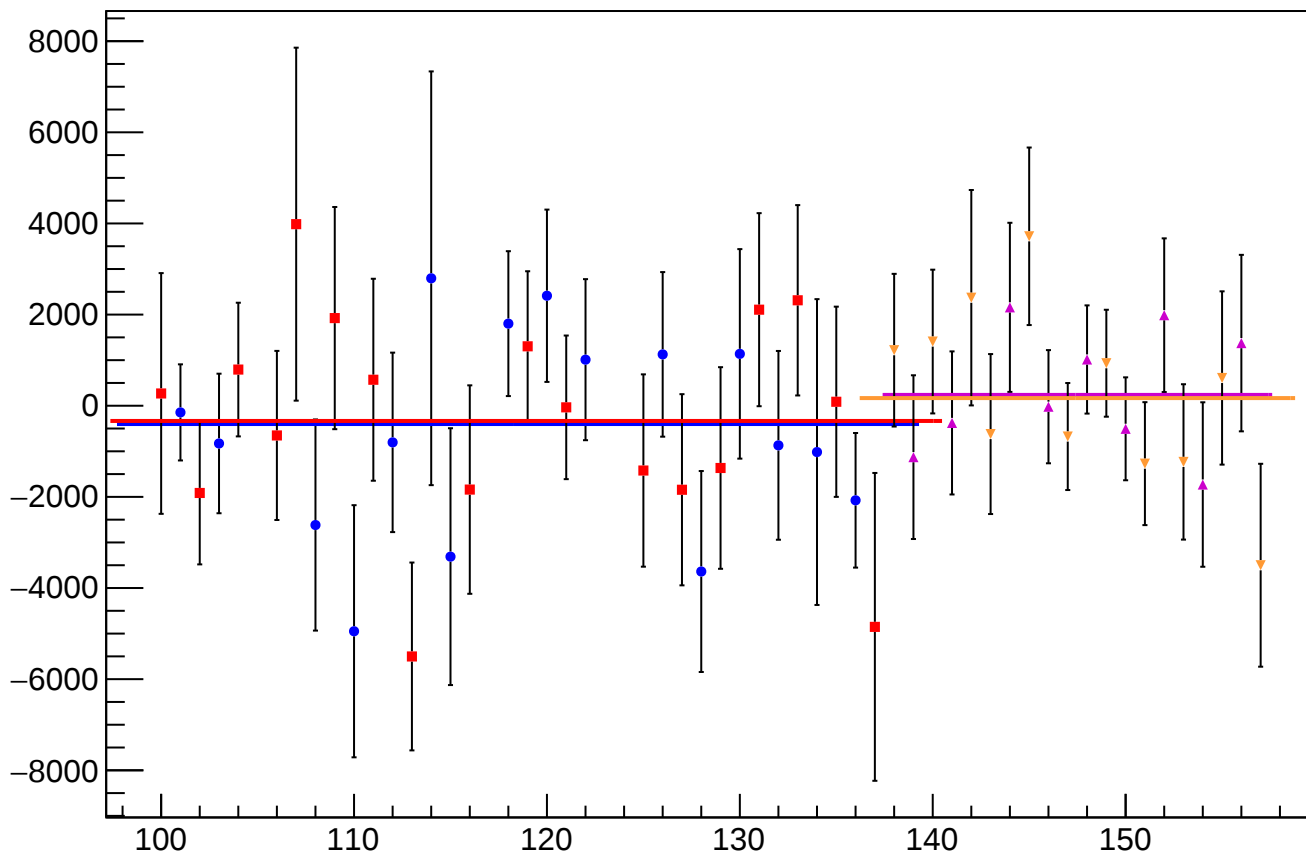
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 796.972 $\pm$ 0.150 χ^2 /NDF:25086.0/24

Out: 812.255 $\pm$ 0.149 χ^2 /NDF:660040.9/28

All: 804.684 $\pm$ 0.106 χ^2 /NDF: 690369.2/53

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 167.793+/-479.489 χ^2/NDF :10.9/10

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

Left In: 237.536+/-495.472 χ^2/NDF :5.3/8

Left: 201.521+/-344.562 χ^2/NDF : 16.3/19

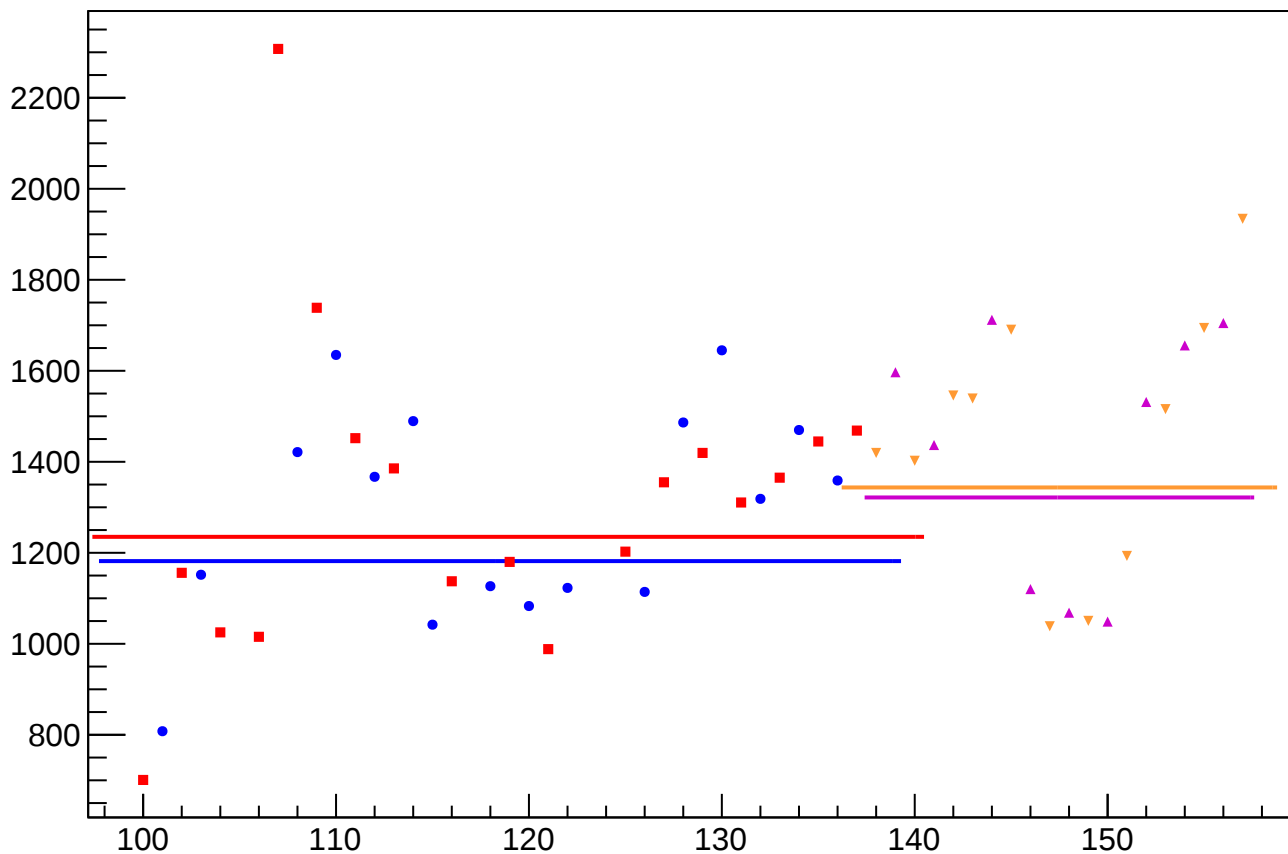
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -99.715+/-340.480 χ^2/NDF :21.0/24

Out: -83.634+/-338.691 χ^2/NDF :28.9/28

All: -91.632+/-240.121 χ^2/NDF : 50.0/53

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1343.624+/-0.339 χ^2/NDF : 623498.7/10

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

Left In: 1321.625+/-0.350 χ^2/NDF : 584494.8/8

Left: 1332.985+/-0.244 χ^2/NDF : 1210029.4/19

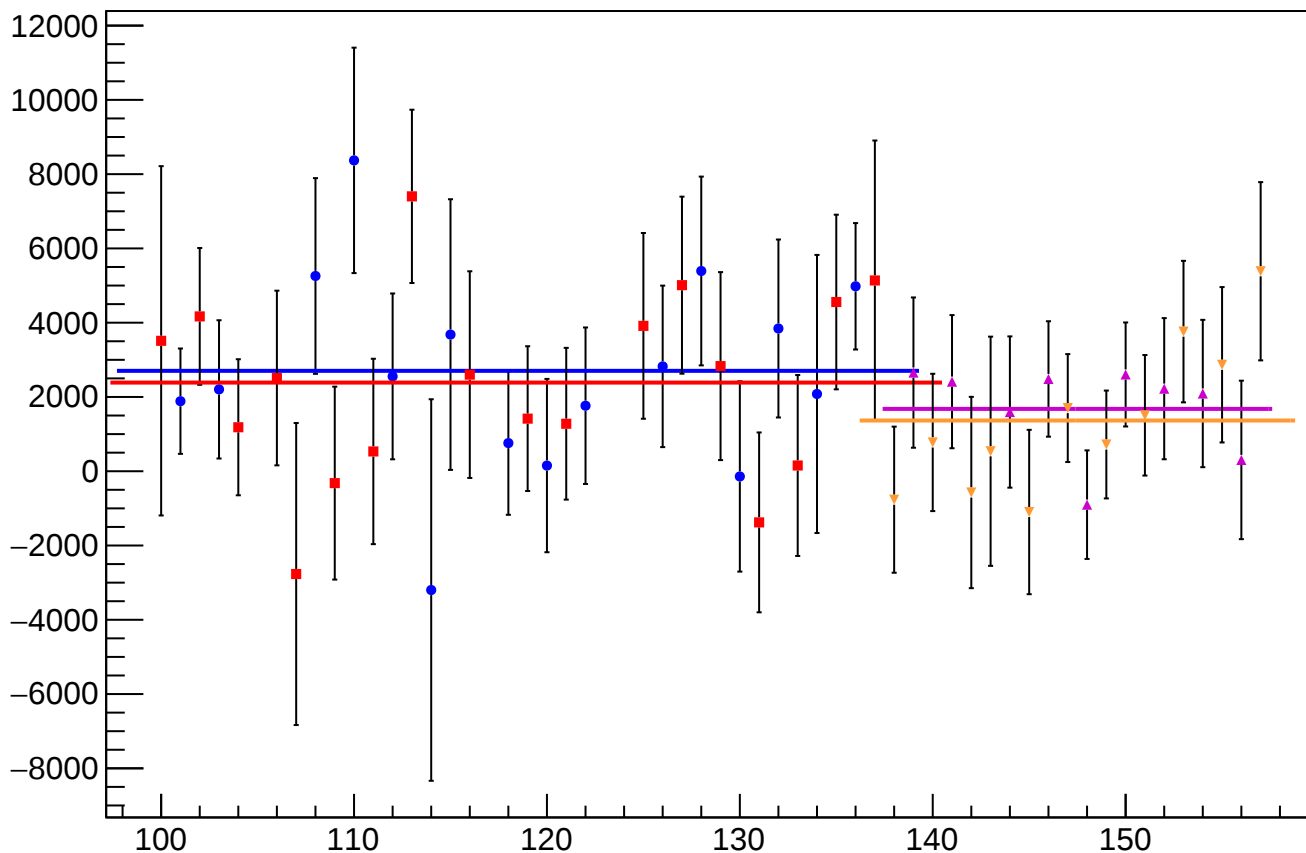
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1247.811+/-0.241 χ^2/NDF : 1212092.4/24

Out: 1289.244+/-0.239 χ^2/NDF : 1215091.5/28

All: 1268.636+/-0.170 χ^2/NDF : 2442070.4/53

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1365.907 $\pm$ 575.806 χ^2 /NDF: 8.3/10

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

Left In: 1678.660 $\pm$ 583.321 χ^2 /NDF: 4.8/8

Left: 1520.256 $\pm$ 409.787 χ^2 /NDF: 13.2/19

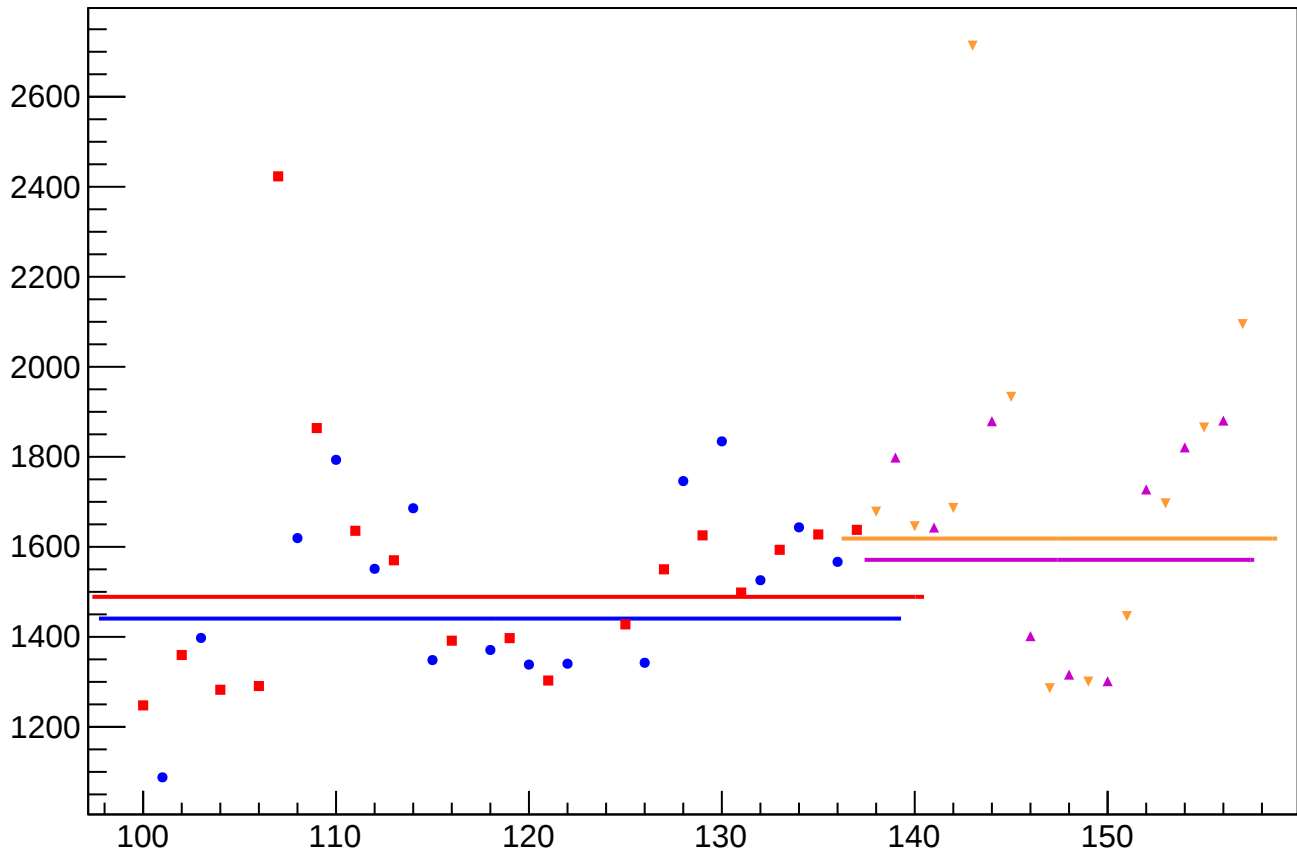
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2207.972 $\pm$ 405.654 χ^2 /NDF: 19.4/24

Out: 1882.459 $\pm$ 404.824 χ^2 /NDF: 26.0/28

All: 2044.882 $\pm$ 286.547 χ^2 /NDF: 45.7/53

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1618.391 $\pm$ 0.407 χ^2/NDF : 629142.8/10

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

Left In: 1571.139 $\pm$ 0.412 χ^2/NDF : 320292.5/8

Left: 1595.071 $\pm$ 0.290 χ^2/NDF : 956082.4/19

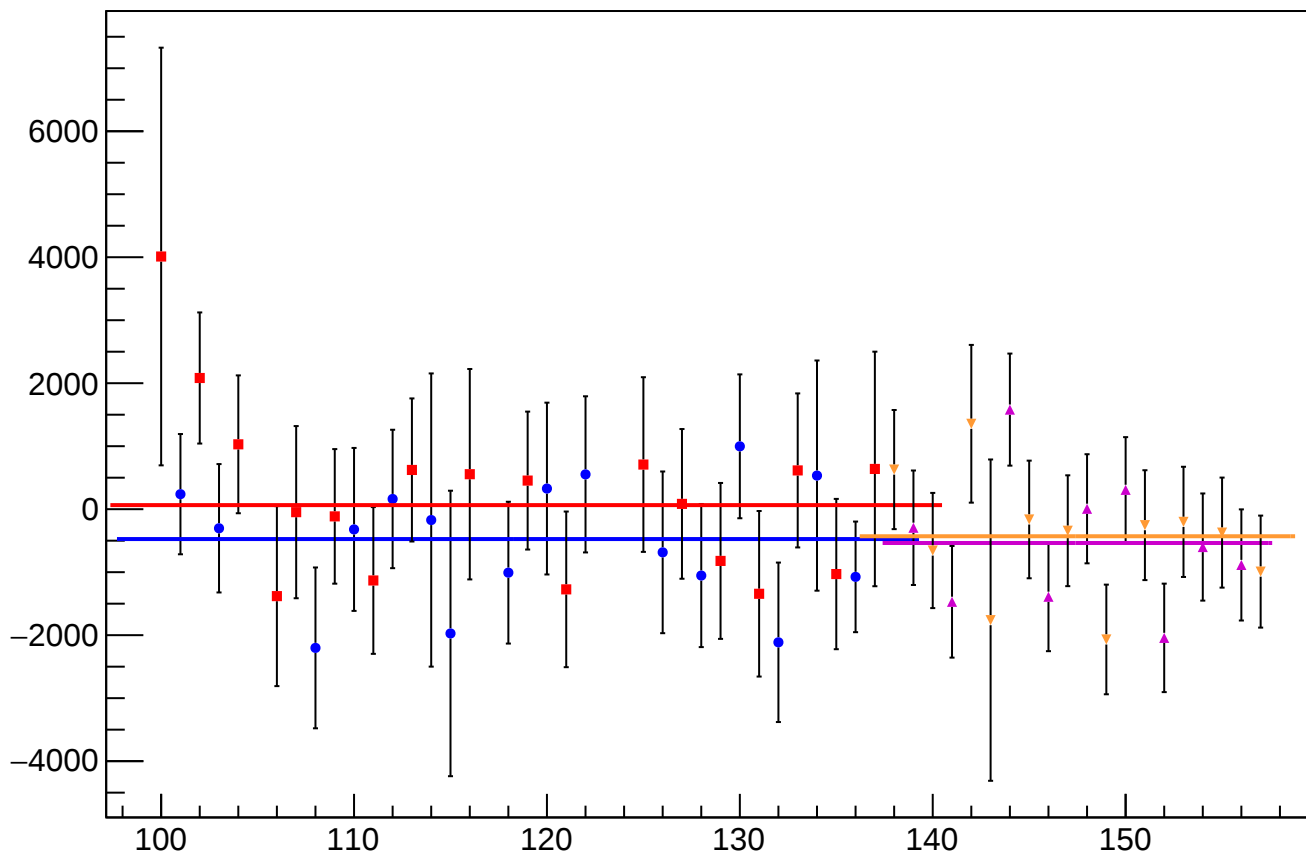
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1503.757 $\pm$ 0.287 χ^2/NDF : 654234.7/24

Out: 1552.928 $\pm$ 0.286 χ^2/NDF : 937102.9/28

All: 1528.393 $\pm$ 0.203 χ^2/NDF : 1606060.6/53

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -429.714 ± 287.931 $\chi^2/\text{NDF}: 7.8/10$

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

Left In: -536.630 ± 290.315 $\chi^2/\text{NDF}: 12.5/8$

Left: -482.731 ± 204.436 $\chi^2/\text{NDF}: 20.3/19$

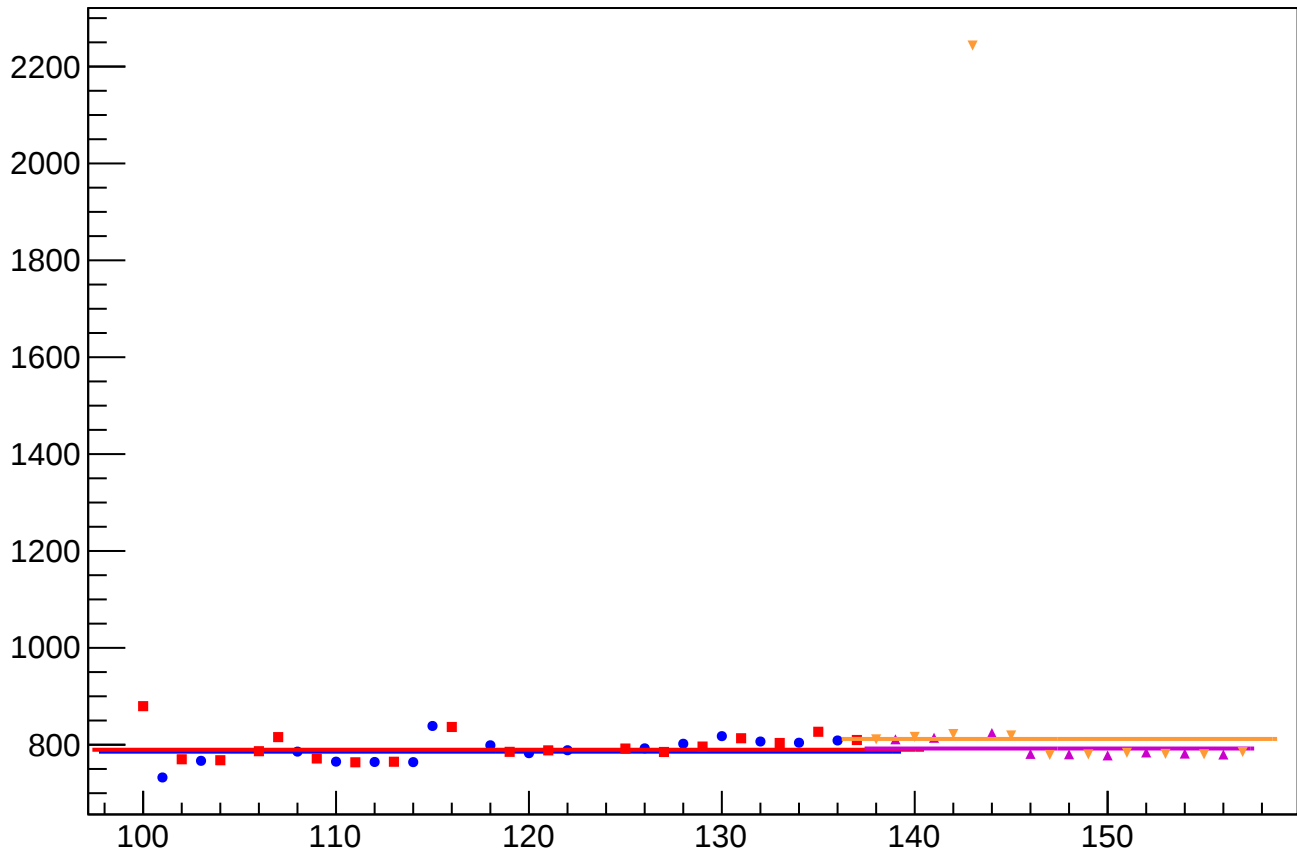
Right: -199.789 ± 212.921 $\chi^2/\text{NDF}: 23.2/33$

In: -506.812 ± 209.927 $\chi^2/\text{NDF}: 21.4/24$

Out: -191.335 ± 207.199 $\chi^2/\text{NDF}: 21.9/28$

All: -347.010 ± 147.467 $\chi^2/\text{NDF}: 44.4/53$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 811.985 $\pm$ 0.204 χ^2 /NDF: 644898.7/10

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

Left In: 792.199 $\pm$ 0.205 χ^2 /NDF: 6856.6/8

Left: 802.173 $\pm$ 0.145 χ^2 /NDF: 656438.4/19

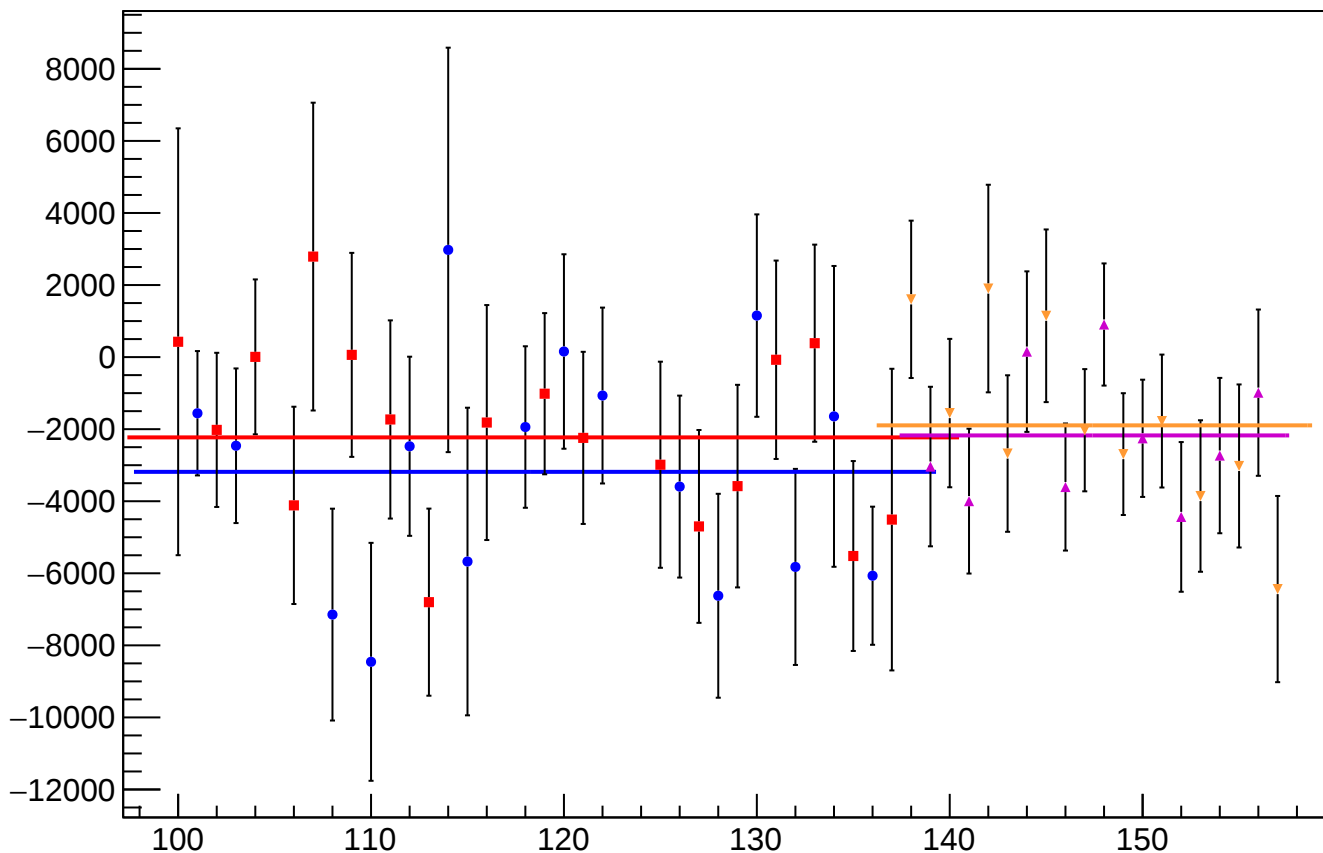
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 789.120 $\pm$ 0.148 χ^2 /NDF: 21249.6/24

Out: 801.228 $\pm$ 0.147 χ^2 /NDF: 661698.0/28

All: 795.253 $\pm$ 0.104 χ^2 /NDF: 686317.8/53

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -1894.269 $\pm$ 630.547 χ^2/NDF : 10.5/10

Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17

Left In: -2173.615 $\pm$ 654.417 χ^2/NDF : 7.5/8

Left: -2028.755 $\pm$ 454.068 χ^2/NDF : 18.1/19

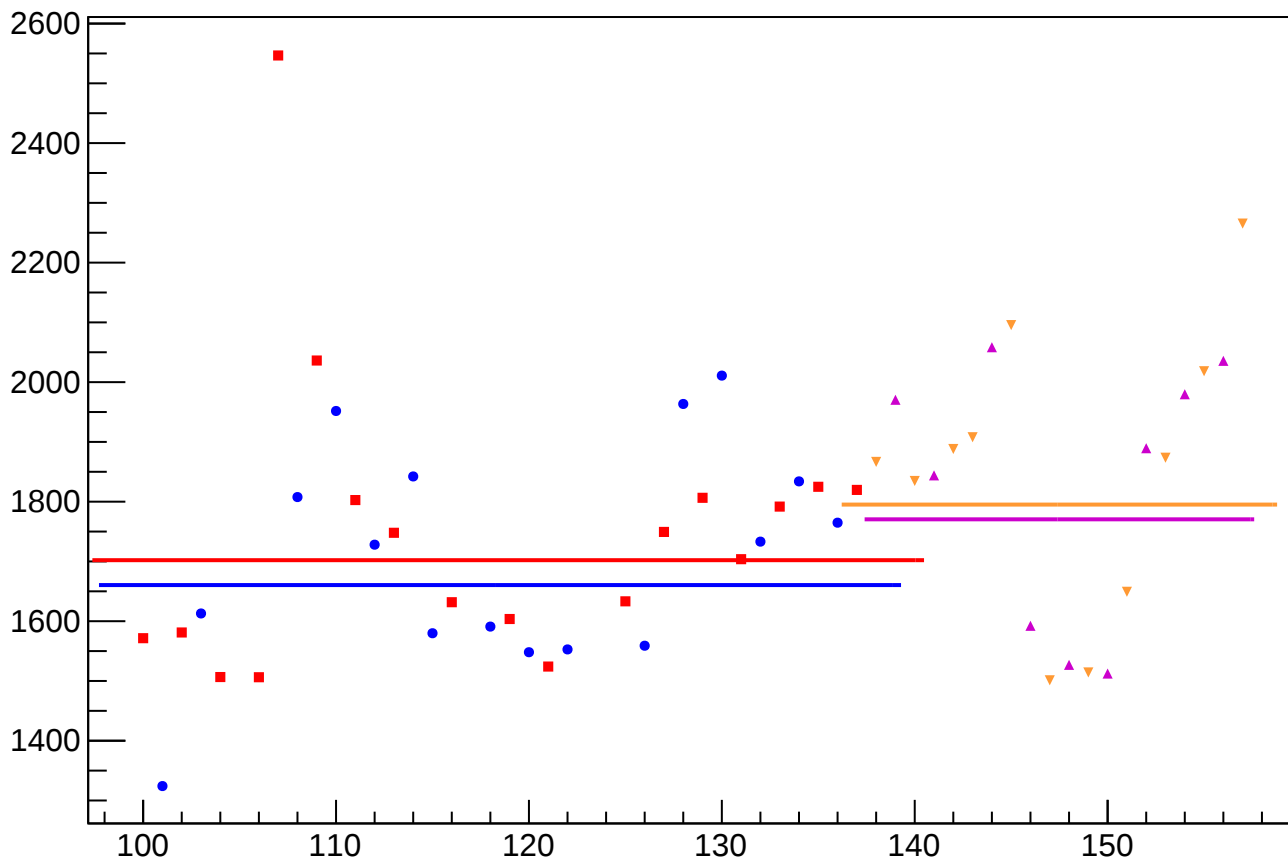
Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33

In: -2684.548 $\pm$ 460.228 χ^2/NDF : 25.6/24

Out: -2056.614 $\pm$ 451.923 χ^2/NDF : 22.4/28

All: -2364.864 $\pm$ 322.454 χ^2/NDF : 48.9/53

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1795.138+/-0.446 χ^2/NDF : 258059.1/10

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

Left In: 1770.456+/-0.463 χ^2/NDF : 216240.7/8

Left: 1783.256+/-0.321 χ^2/NDF : 475775.1/19

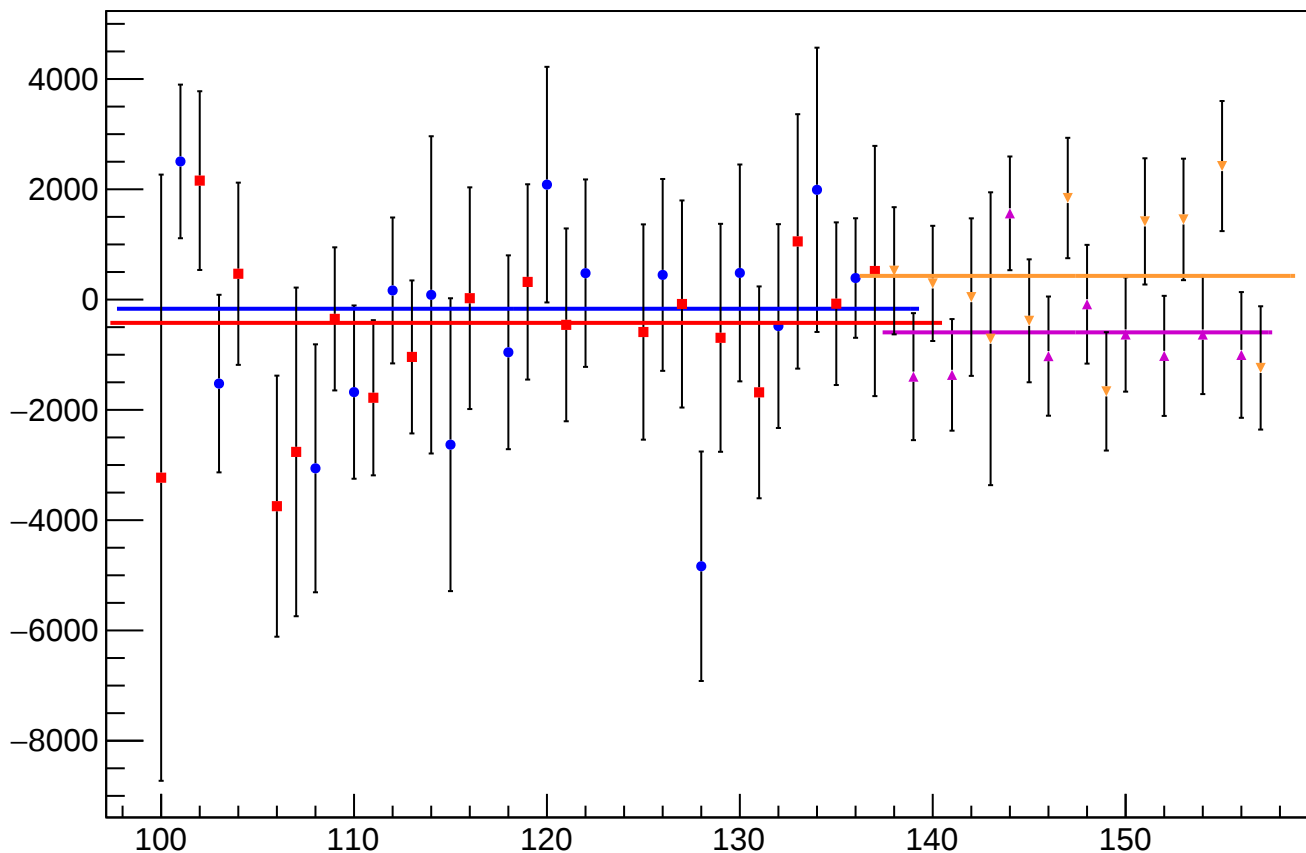
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1714.863+/-0.325 χ^2/NDF : 424004.0/24

Out: 1749.891+/-0.320 χ^2/NDF : 451244.1/28

All: 1732.696+/-0.228 χ^2/NDF : 881146.4/53

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 429.796 ± 355.378 χ^2/NDF : 13.0/10

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

Left In: -594.454 ± 358.287 χ^2/NDF : 6.1/8

Left: -78.155 ± 252.312 χ^2/NDF : 23.2/19

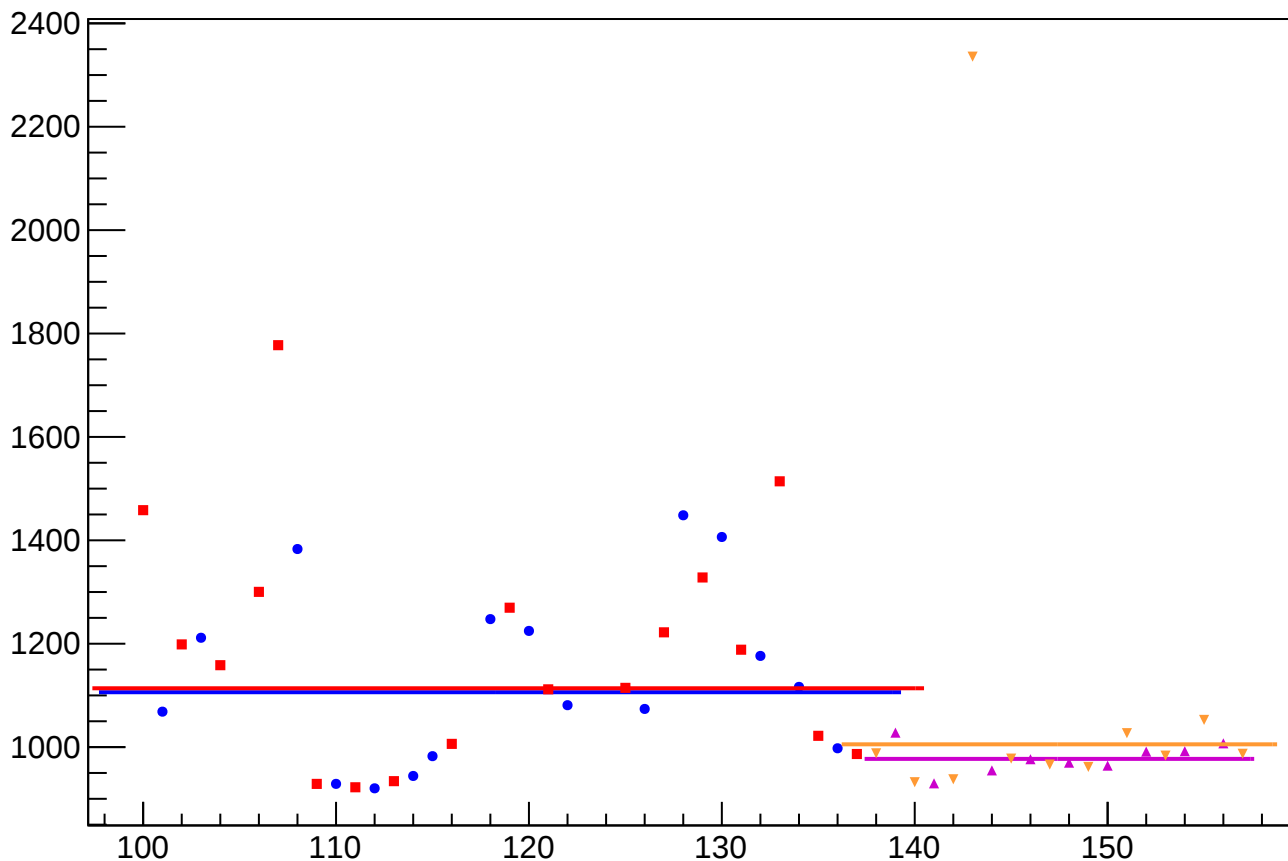
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -420.317 ± 275.957 χ^2/NDF : 22.3/24

Out: 81.389 ± 273.236 χ^2/NDF : 23.5/28

All: -166.978 ± 194.162 χ^2/NDF : 47.5/53

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1005.395+/-0.251 χ^2/NDF : 529034.6/10

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

Left In: 977.226+/-0.253 χ^2/NDF : 11704.4/8

Left: 991.426+/-0.178 χ^2/NDF : 546970.7/19

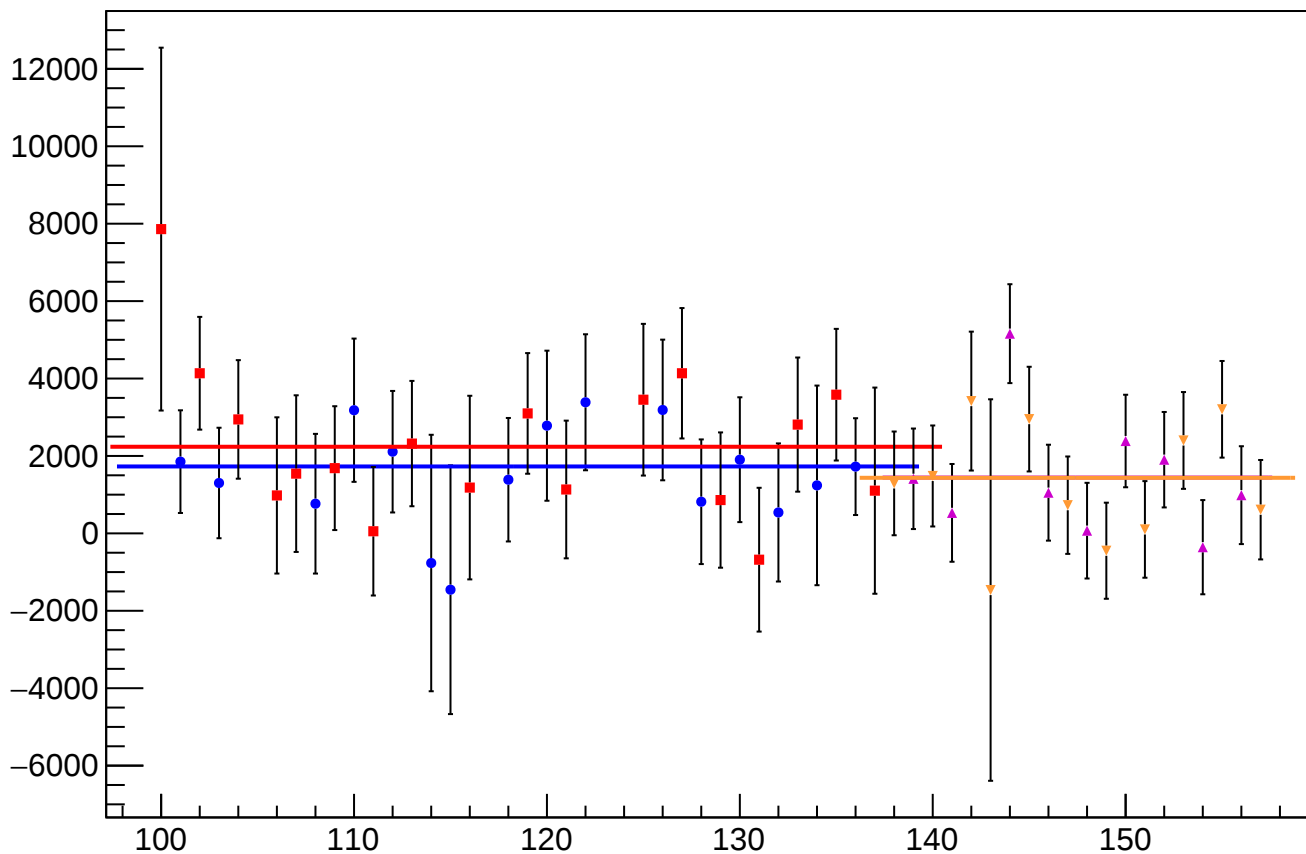
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1029.672+/-0.195 χ^2/NDF : 376974.5/24

Out: 1049.725+/-0.193 χ^2/NDF : 969444.6/28

All: 1039.798+/-0.137 χ^2/NDF : 1351751.8/53

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1435.485+/-413.293 χ^2/NDF : 9.6/10

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

Left In: 1441.702+/-415.277 χ^2/NDF : 13.4/8

Left: 1438.578+/-292.941 χ^2/NDF : 23.0/19

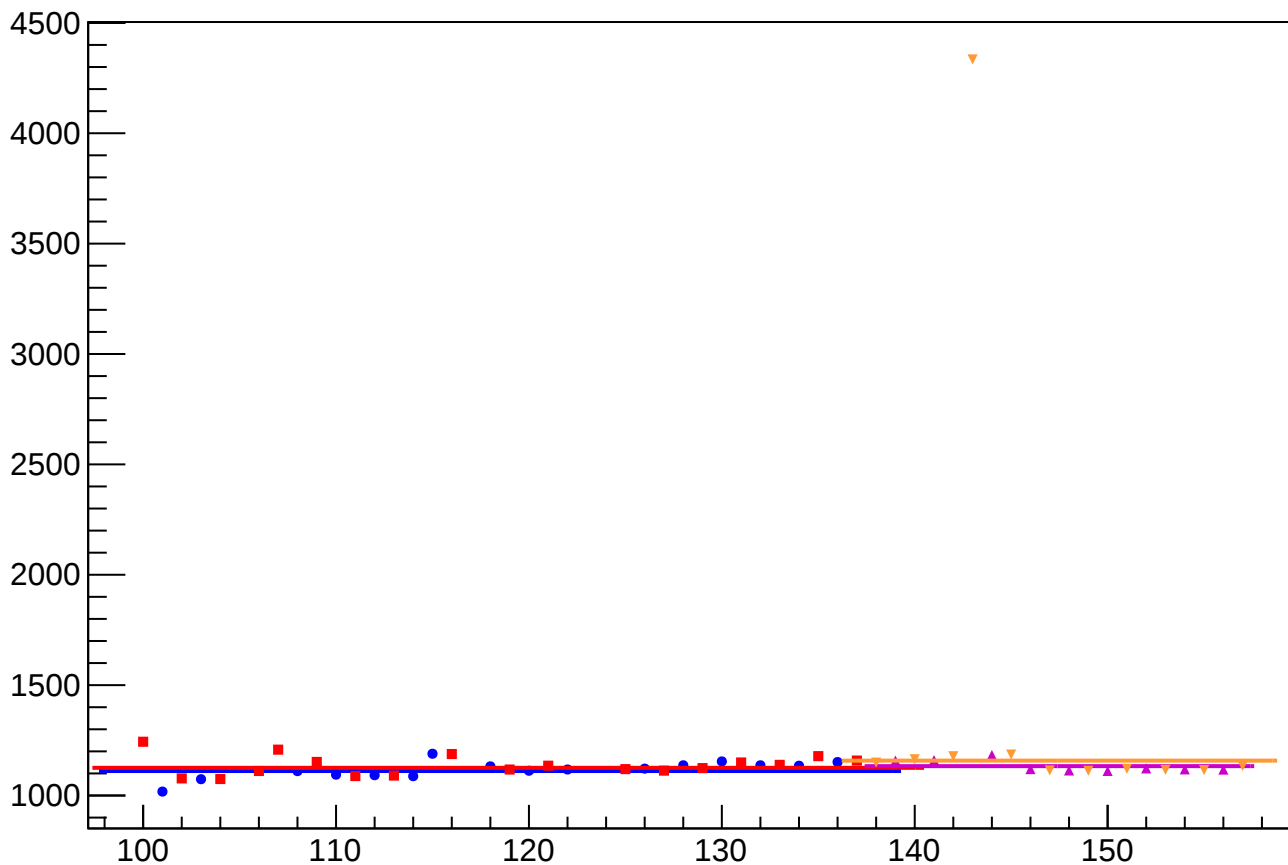
Right: 1985.660+/-302.369 χ^2/NDF : 18.3/33

In: 1580.155+/-298.648 χ^2/NDF : 18.9/24

Out: 1824.952+/-296.450 χ^2/NDF : 23.7/28

All: 1703.458+/-210.395 χ^2/NDF : 43.0/53

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1158.078 $\pm$ 0.292 χ^2 /NDF: 844446.2/10

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

Left In: 1133.093 $\pm$ 0.294 χ^2 /NDF: 6961.0/8

Left: 1145.645 $\pm$ 0.207 χ^2 /NDF: 855044.0/19

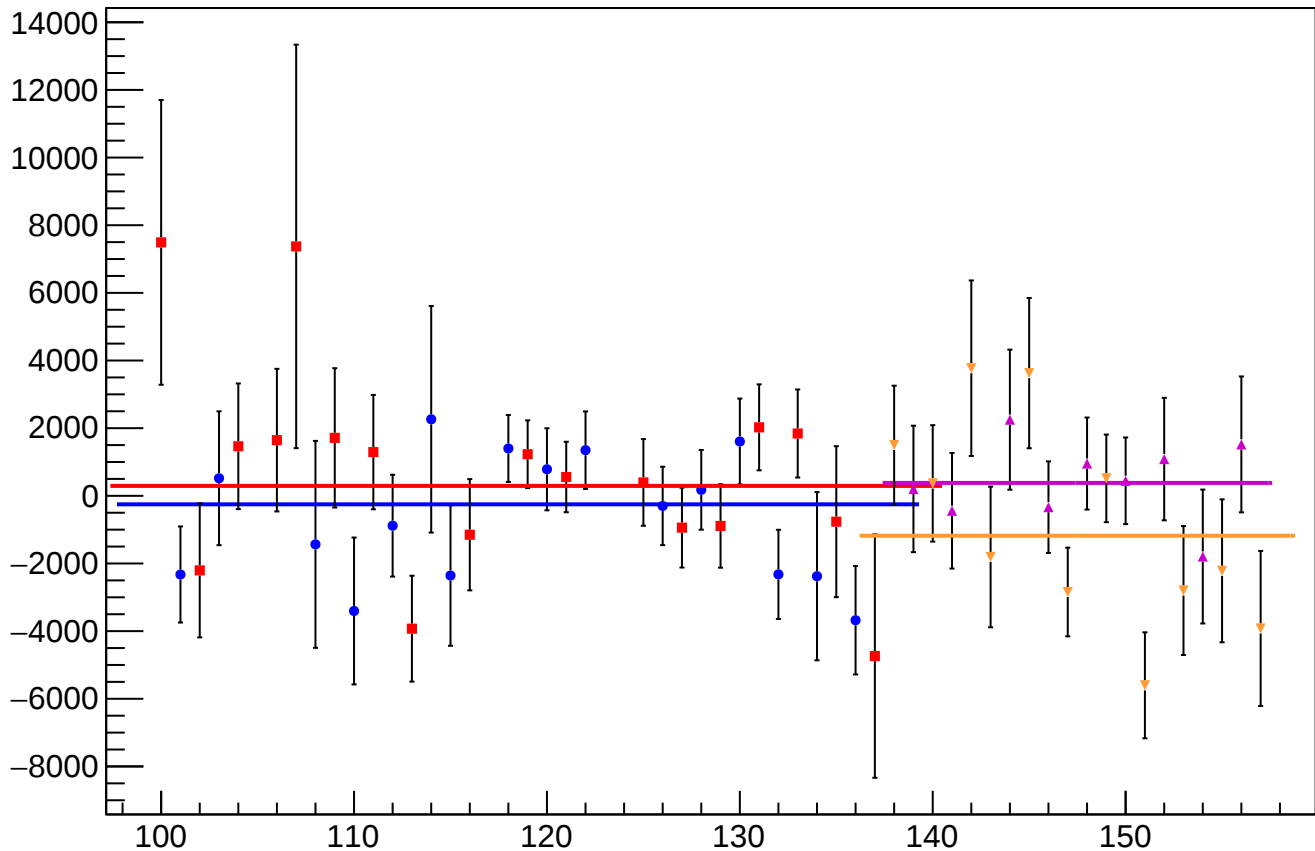
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1122.447 $\pm$ 0.211 χ^2 /NDF: 27774.8/24

Out: 1142.259 $\pm$ 0.210 χ^2 /NDF: 866361.8/28

All: 1132.426 $\pm$ 0.149 χ^2 /NDF: 898570.1/53

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1179.183+/-532.951 χ^2/NDF : 25.3/10

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

Left In: 381.990+/-544.995 χ^2/NDF : 3.2/8

Left: -416.037+/-381.040 χ^2/NDF : 32.6/19

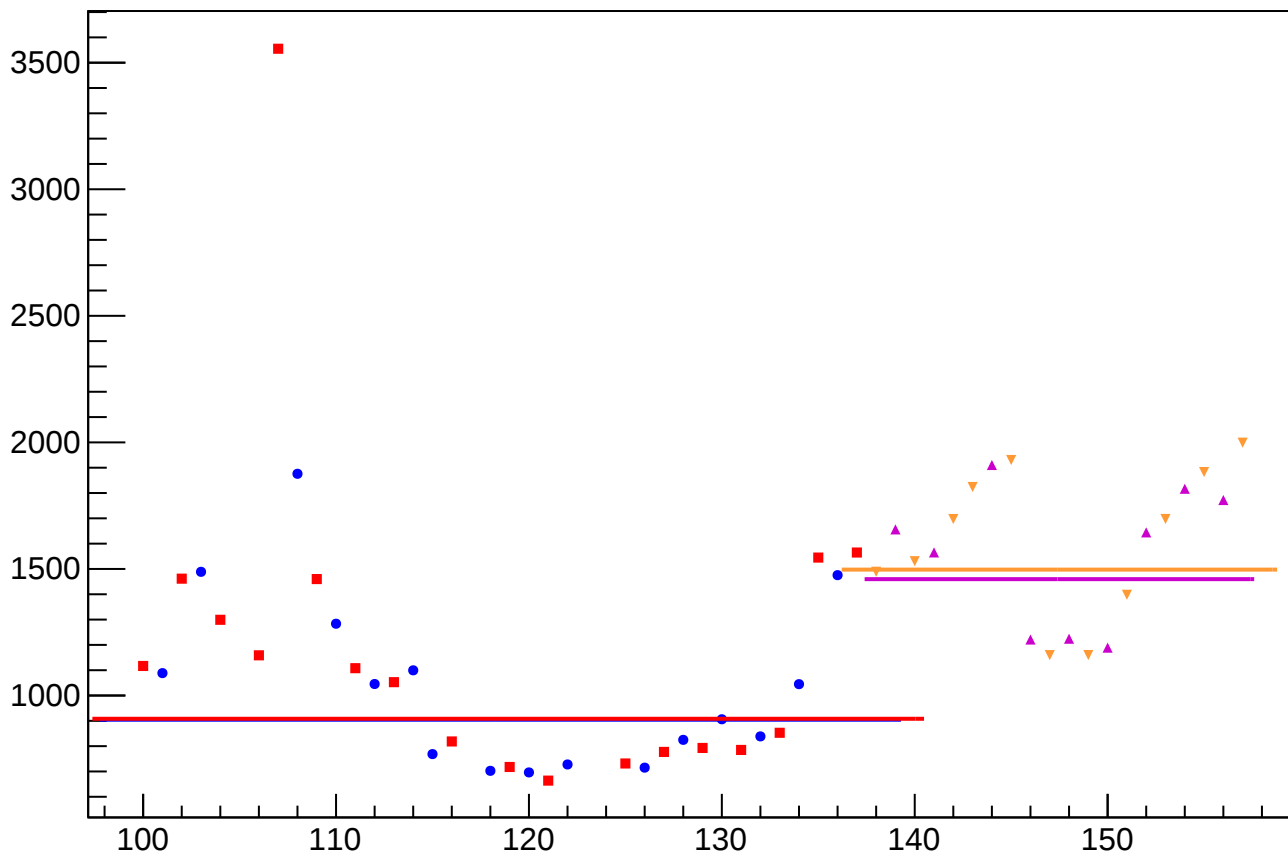
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -55.257+/-303.241 χ^2/NDF : 26.0/24

Out: -172.189+/-299.731 χ^2/NDF : 54.5/28

All: -114.404+/-213.172 χ^2/NDF : 80.5/53

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1497.398+/-0.377 χ^2/NDF : 598854.5/10

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

Left In: 1459.749+/-0.385 χ^2/NDF : 470316.6/8

Left: 1478.994+/-0.269 χ^2/NDF : 1074049.7/19

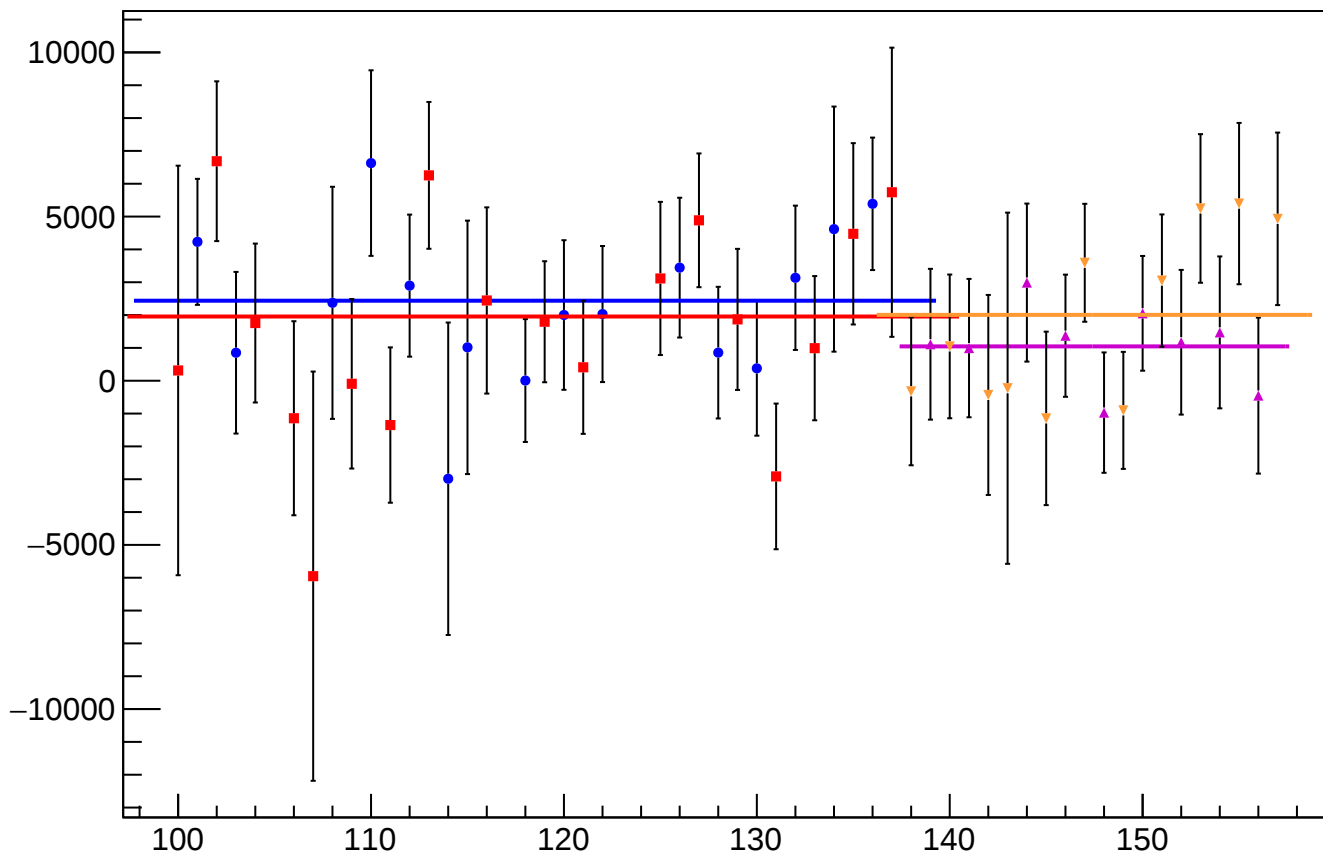
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1076.393+/-0.214 χ^2/NDF : 2924738.1/24

Out: 1094.526+/-0.212 χ^2/NDF : 3651420.8/28

All: 1085.565+/-0.151 χ^2/NDF : 6579776.4/53

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2005.543 $\pm$ 695.254 χ^2 /NDF:12.4/10

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

Left In: 1045.997 $\pm$ 694.809 χ^2 /NDF:2.7/8

Left: 1525.463 $\pm$ 491.461 χ^2 /NDF: 16.0/19

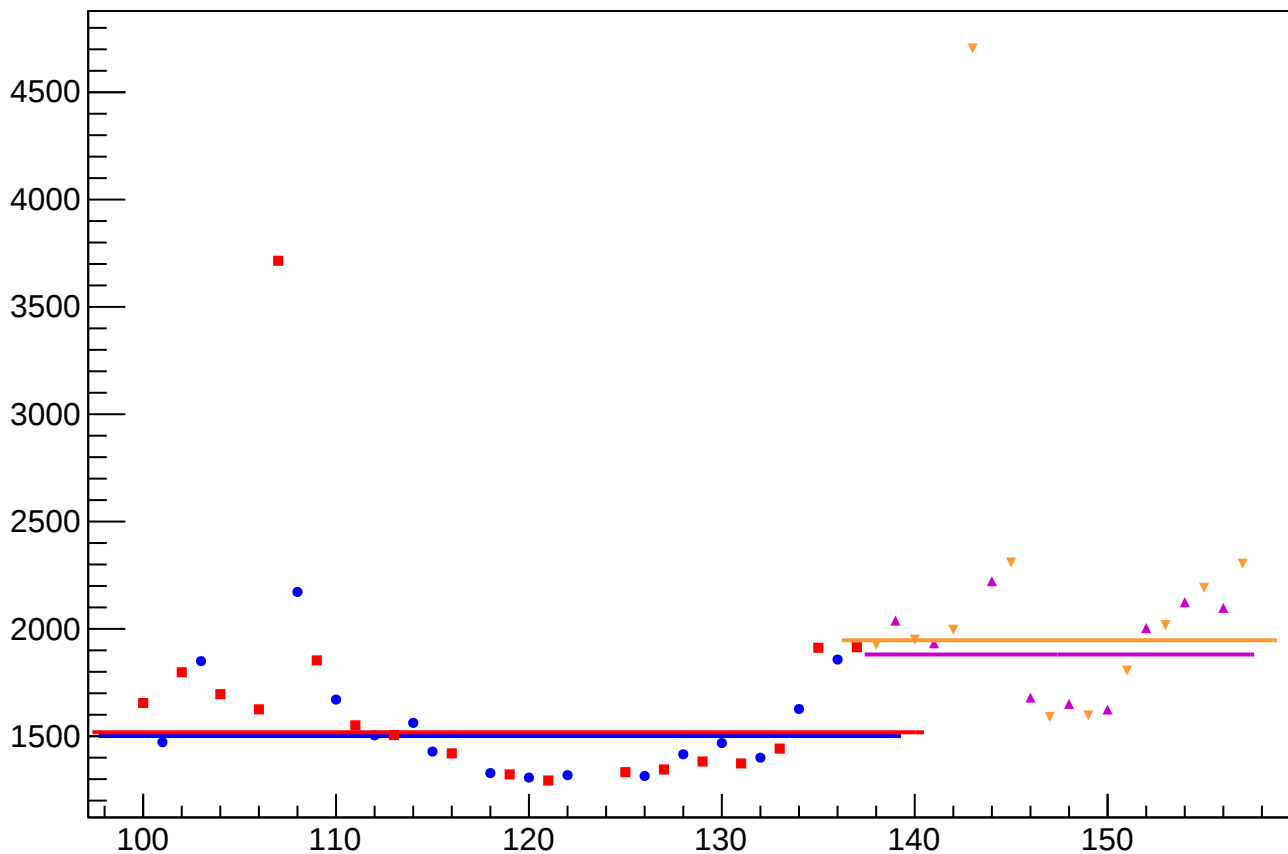
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1858.853 $\pm$ 448.056 χ^2 /NDF:16.2/24

Out: 1976.446 $\pm$ 447.214 χ^2 /NDF:34.8/28

All: 1917.760 $\pm$ 316.525 χ^2 /NDF: 51.0/53

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1946.968+/-0.492 χ^2/NDF : 794511.3/10

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

Left In: 1880.642+/-0.491 χ^2/NDF : 193927.5/8

Left: 1913.784+/-0.348 χ^2/NDF : 997545.4/19

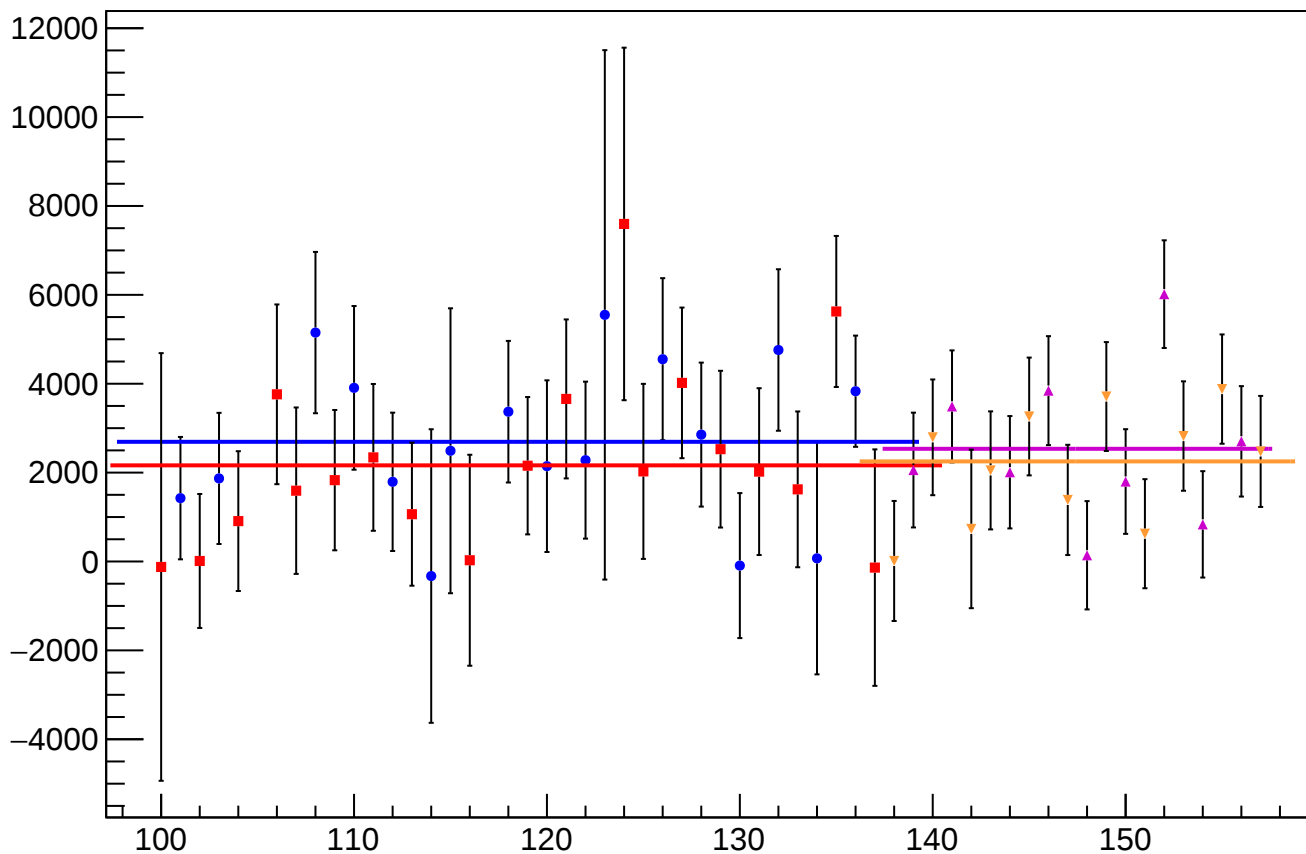
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1658.773+/-0.317 χ^2/NDF : 799266.5/24

Out: 1695.680+/-0.316 χ^2/NDF : 1716188.3/28

All: 1677.261+/-0.224 χ^2/NDF : 2522252.3/53

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2252.102 $\pm$ 391.327 χ^2 /NDF:9.9/10

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

Left In: 2535.711 $\pm$ 410.256 χ^2 /NDF:16.6/8

Left: 2387.213 $\pm$ 283.165 χ^2 /NDF: 26.7/19

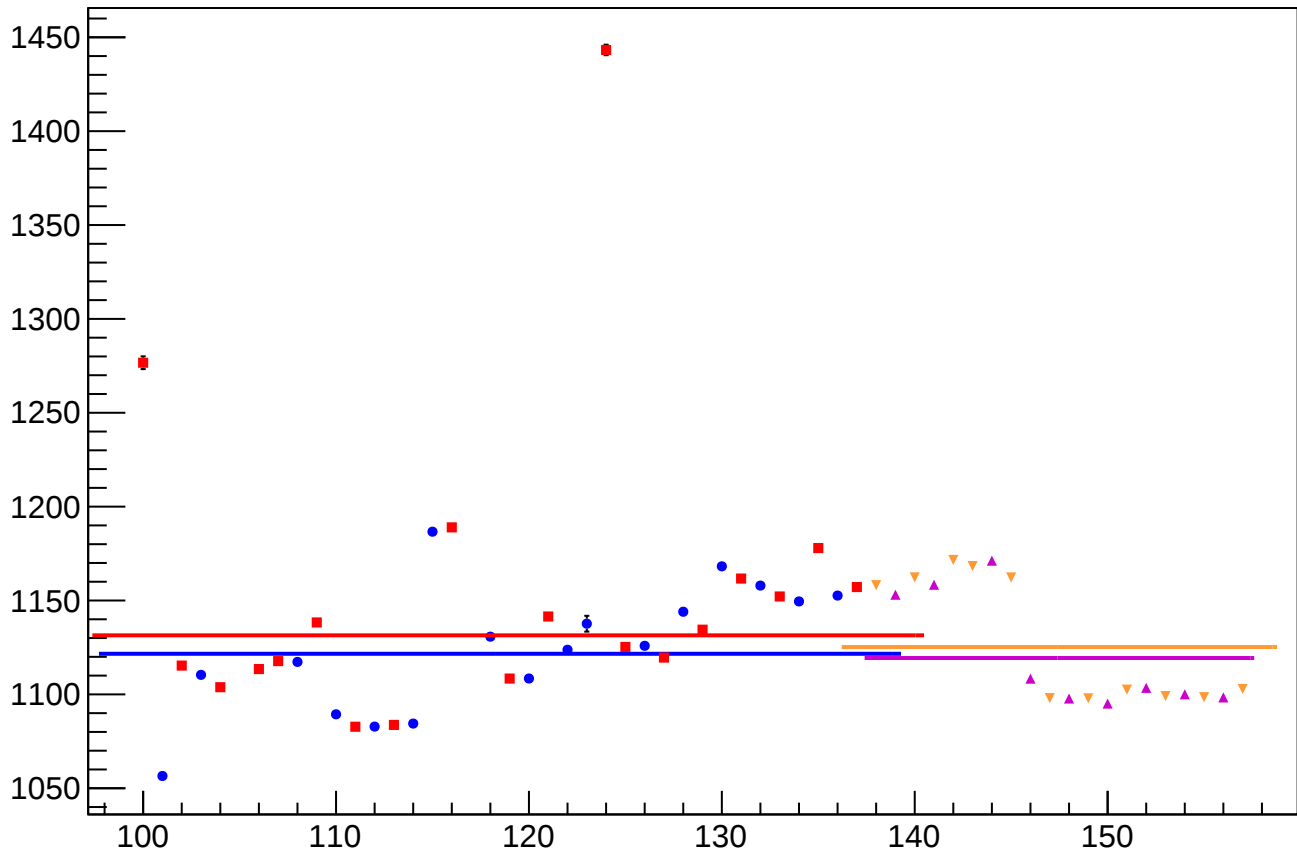
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2610.185 $\pm$ 297.686 χ^2 /NDF:28.9/25

Out: 2211.143 $\pm$ 287.504 χ^2 /NDF:23.7/29

All: 2403.724 $\pm$ 206.802 χ^2 /NDF: 53.5/55

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1125.206 $\pm$ 0.277 χ^2 /NDF:12962.1/10

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

Left In: 1119.369 $\pm$ 0.290 χ^2 /NDF:9719.7/8

Left: 1122.425 $\pm$ 0.200 χ^2 /NDF: 22893.8/19

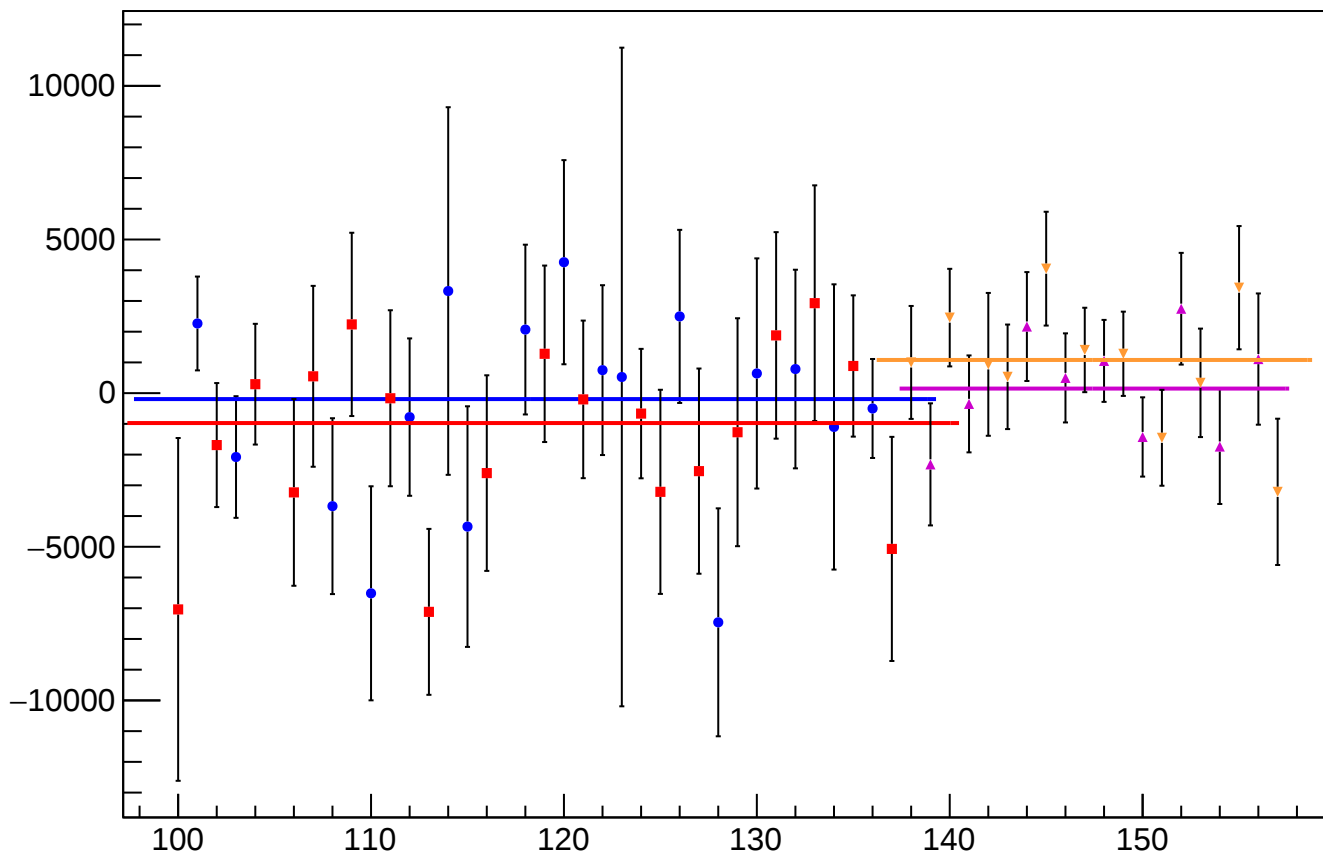
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1120.438 $\pm$ 0.210 χ^2 /NDF:21728.7/25

Out: 1128.080 $\pm$ 0.203 χ^2 /NDF:36308.3/29

All: 1124.392 $\pm$ 0.146 χ^2 /NDF: 58718.9/55

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 ± 660.359 $\chi^2/\text{NDF}: 17.4/16$

Left Out: 1079.923 ± 517.544 $\chi^2/\text{NDF}: 11.0/10$

Right Out: -973.263 ± 645.048 $\chi^2/\text{NDF}: 14.3/18$

Left In: 148.666 ± 540.722 $\chi^2/\text{NDF}: 8.2/8$

Left: 634.681 ± 373.884 $\chi^2/\text{NDF}: 20.7/19$

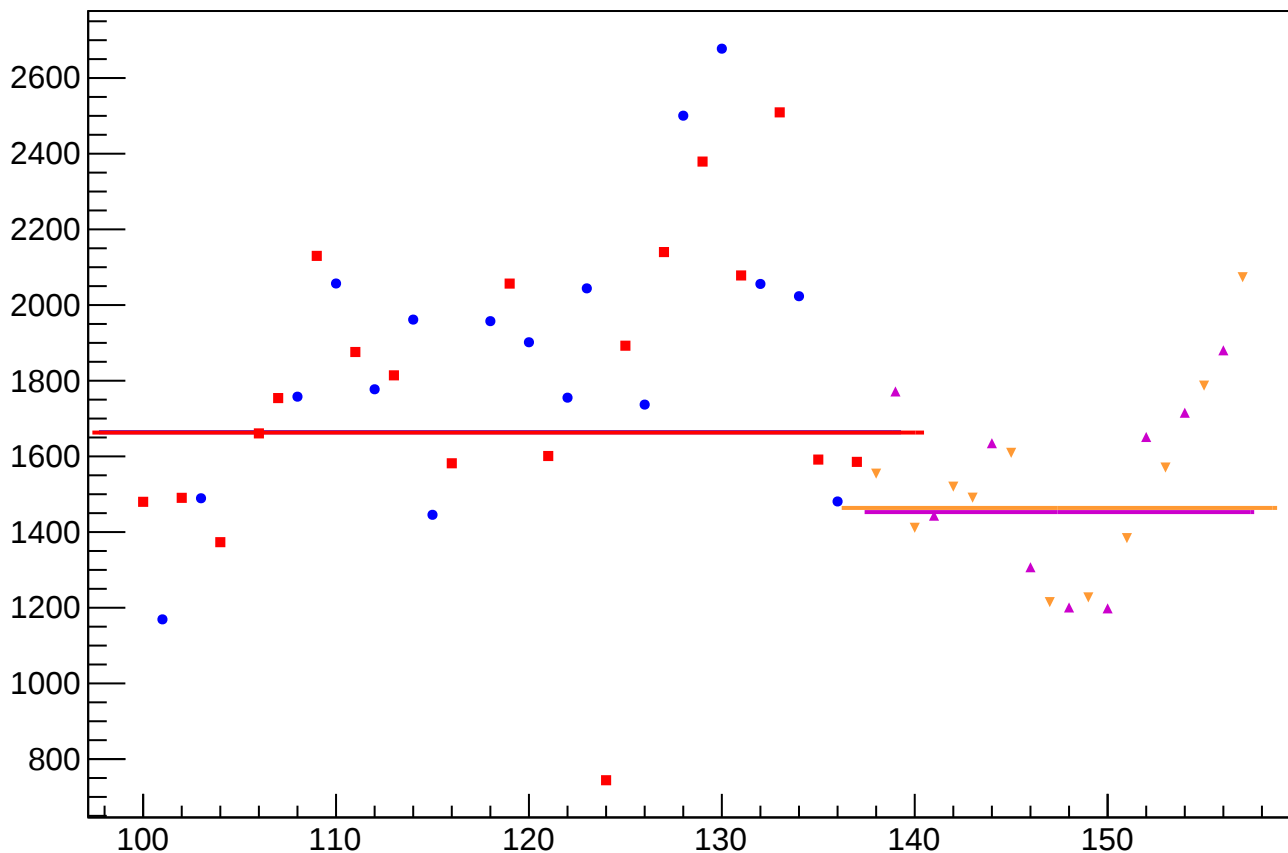
Right: -592.444 ± 461.436 $\chi^2/\text{NDF}: 32.4/35$

In: 11.398 ± 418.363 $\chi^2/\text{NDF}: 25.7/25$

Out: 275.831 ± 403.674 $\chi^2/\text{NDF}: 31.4/29$

All: 148.338 ± 290.495 $\chi^2/\text{NDF}: 57.3/55$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1463.798 $\pm$ 0.366 χ^2 /NDF: 341929.7/10

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

Left In: 1452.815 $\pm$ 0.382 χ^2 /NDF: 385566.7/8

Left: 1458.547 $\pm$ 0.264 χ^2 /NDF: 727927.0/19

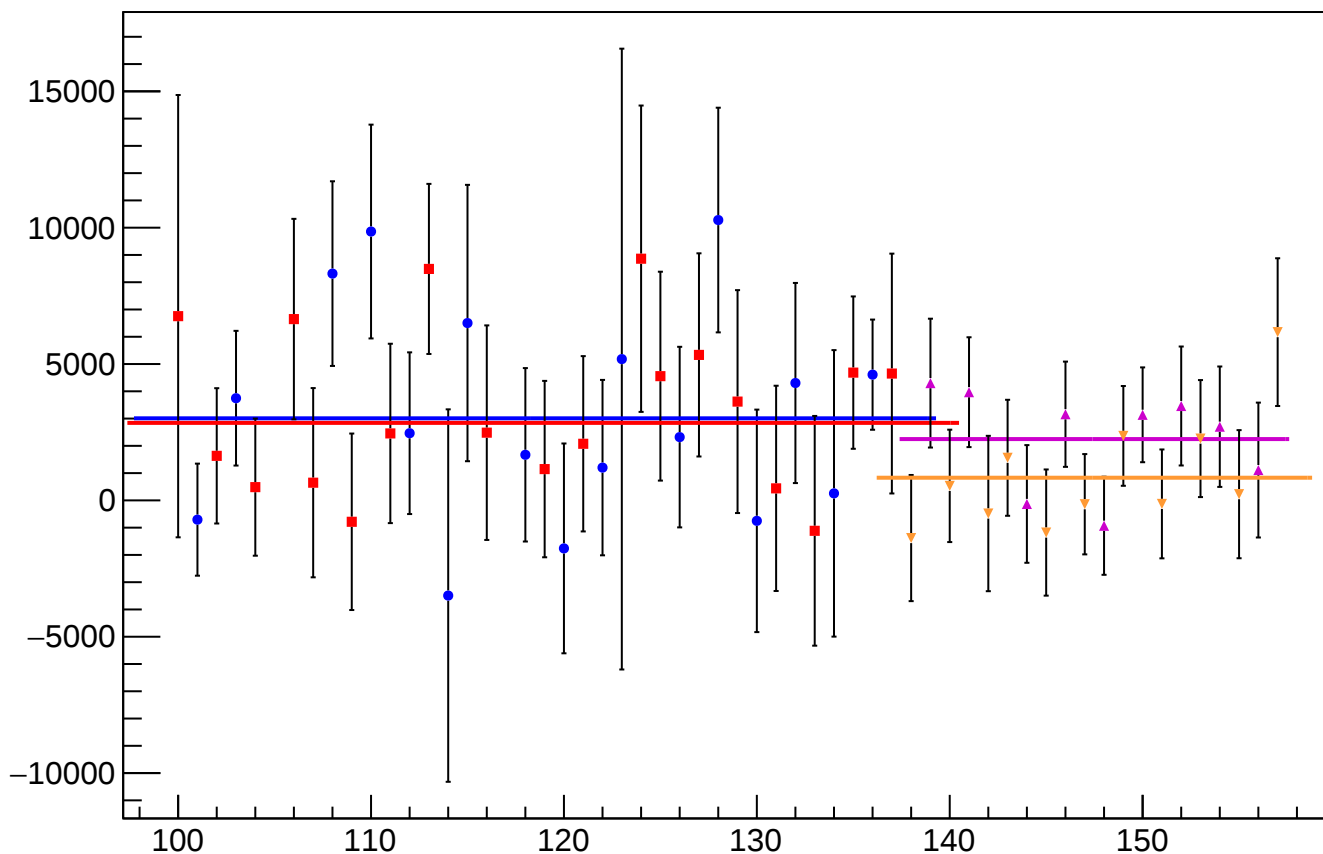
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1537.490 $\pm$ 0.296 χ^2 /NDF: 1130236.9/25

Out: 1541.806 $\pm$ 0.285 χ^2 /NDF: 1262925.0/29

All: 1539.725 $\pm$ 0.205 χ^2 /NDF: 2393272.1/55

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 830.906 $\pm$ 654.604 χ^2 /NDF: 7.6/10

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

Left In: 2248.213 $\pm$ 685.563 χ^2 /NDF: 6.9/8

Left: 1506.836 $\pm$ 473.441 χ^2 /NDF: 16.7/19

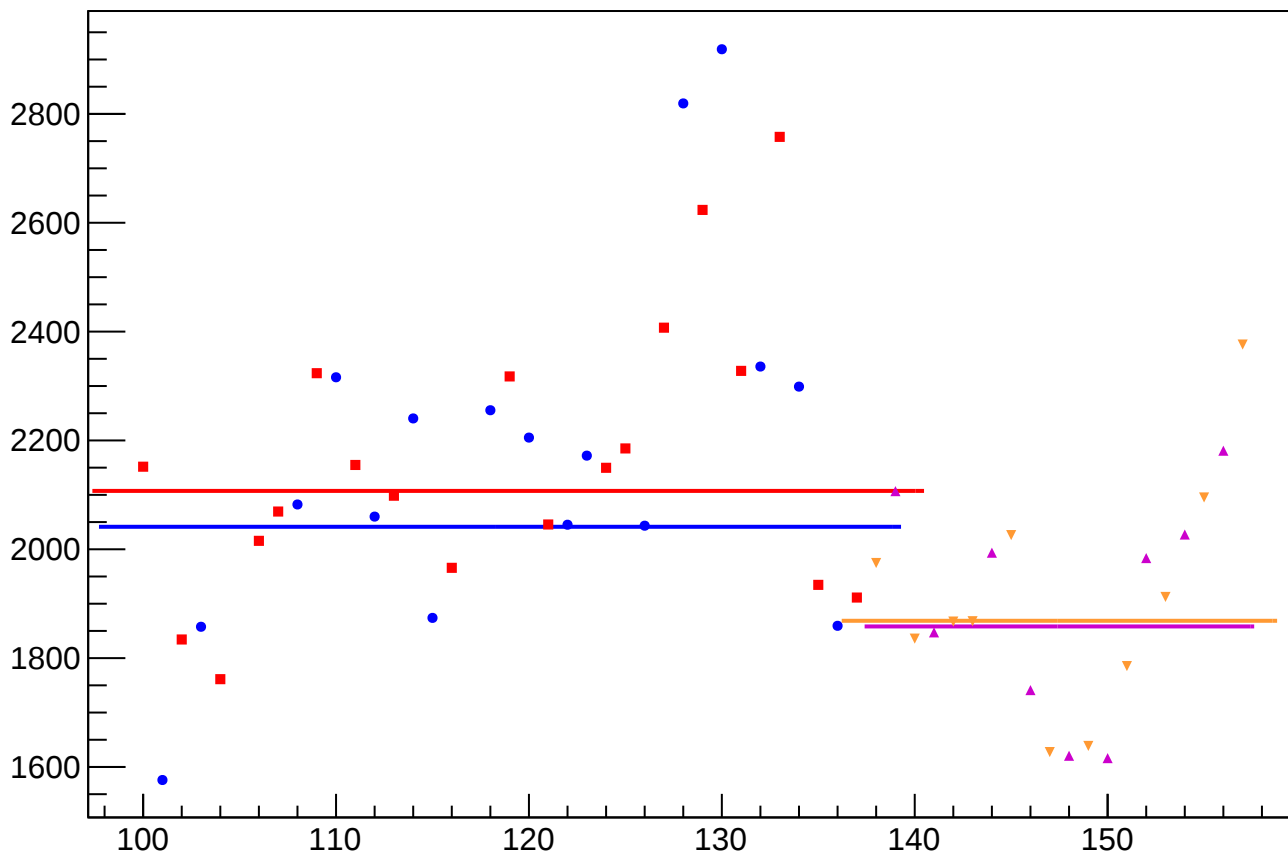
Right: 2925.191 $\pm$ 564.046 χ^2 /NDF: 28.8/35

In: 2570.591 $\pm$ 520.470 χ^2 /NDF: 24.8/25

Out: 1642.600 $\pm$ 505.528 χ^2 /NDF: 22.9/29

All: 2093.084 $\pm$ 362.630 χ^2 /NDF: 49.3/55

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1868.628 $\pm$ 0.463 χ^2/NDF :173145.5/10

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

Left In: 1858.214 $\pm$ 0.485 χ^2/NDF :163513.3/8

Left: 1863.661 $\pm$ 0.335 χ^2/NDF : 336900.2/19

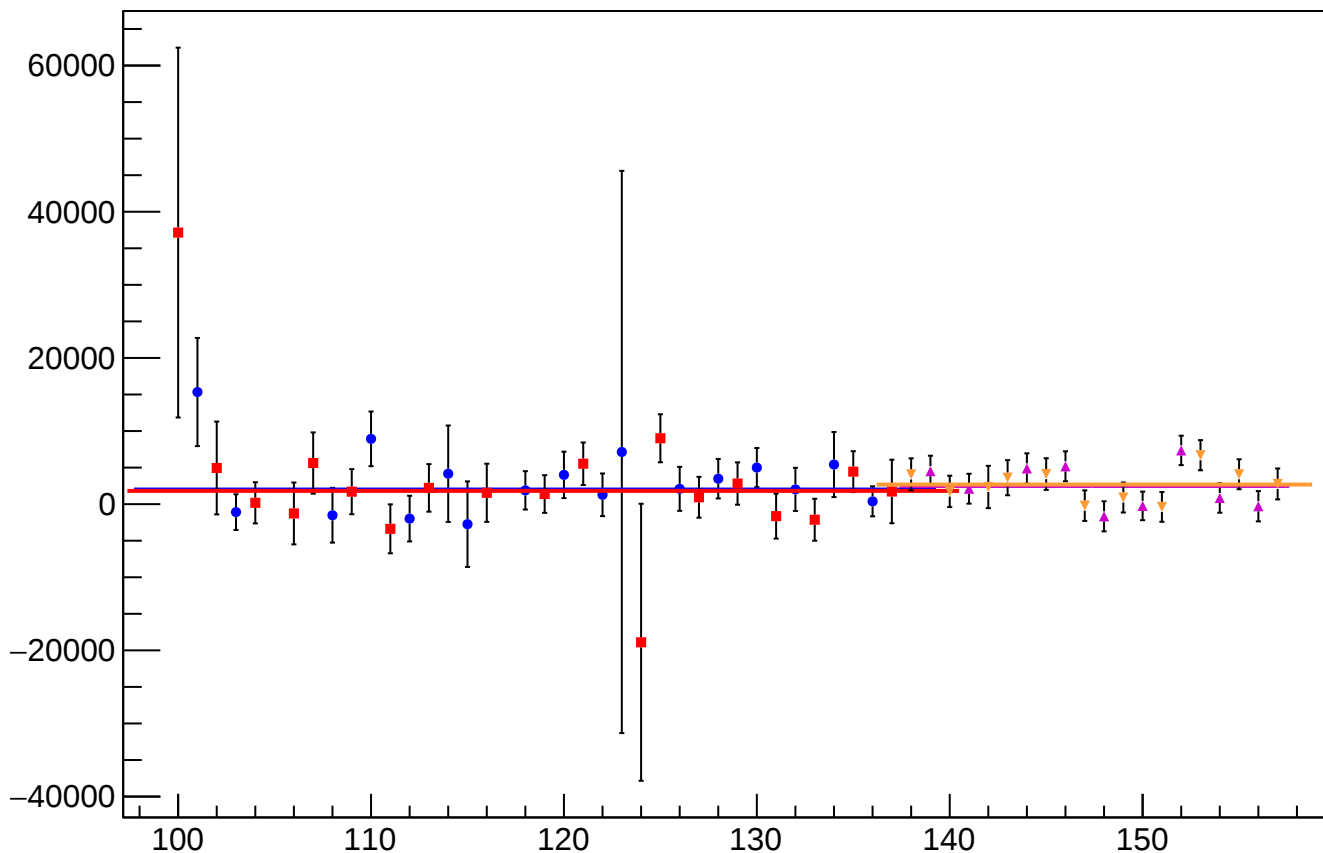
Right: 2074.475 $\pm$ 0.399 χ^2/NDF : 542049.1/35

In: 1935.796 $\pm$ 0.368 χ^2/NDF :562410.4/25

Out: 1964.948 $\pm$ 0.357 χ^2/NDF :477215.0/29

All: 1950.797 $\pm$ 0.256 χ^2/NDF : 1042853.9/55

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2679.185+/-654.372 χ^2/NDF : 10.4/10

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

Left In: 2492.451+/-680.769 χ^2/NDF : 18.3/8

Left: 2589.509+/-471.767 χ^2/NDF : 28.7/19

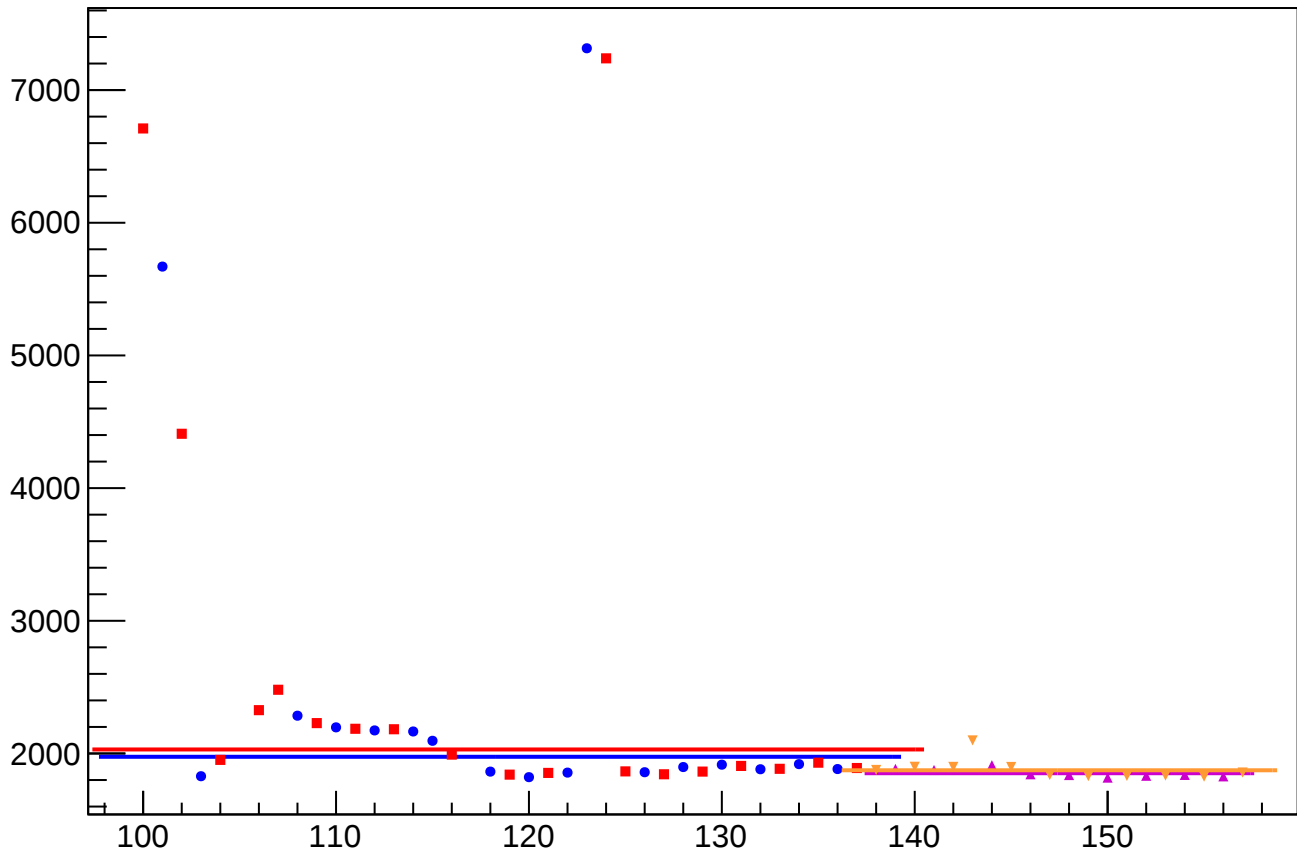
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2279.980+/-513.352 χ^2/NDF : 33.4/25

Out: 2323.228+/-501.705 χ^2/NDF : 29.3/29

All: 2302.100+/-358.806 χ^2/NDF : 62.7/55

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1873.401+/-0.463 χ^2/NDF : 22655.5/10

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

Left In: 1851.309+/-0.481 χ^2/NDF : 3683.0/8

Left: 1862.791+/-0.334 χ^2/NDF : 27433.3/19

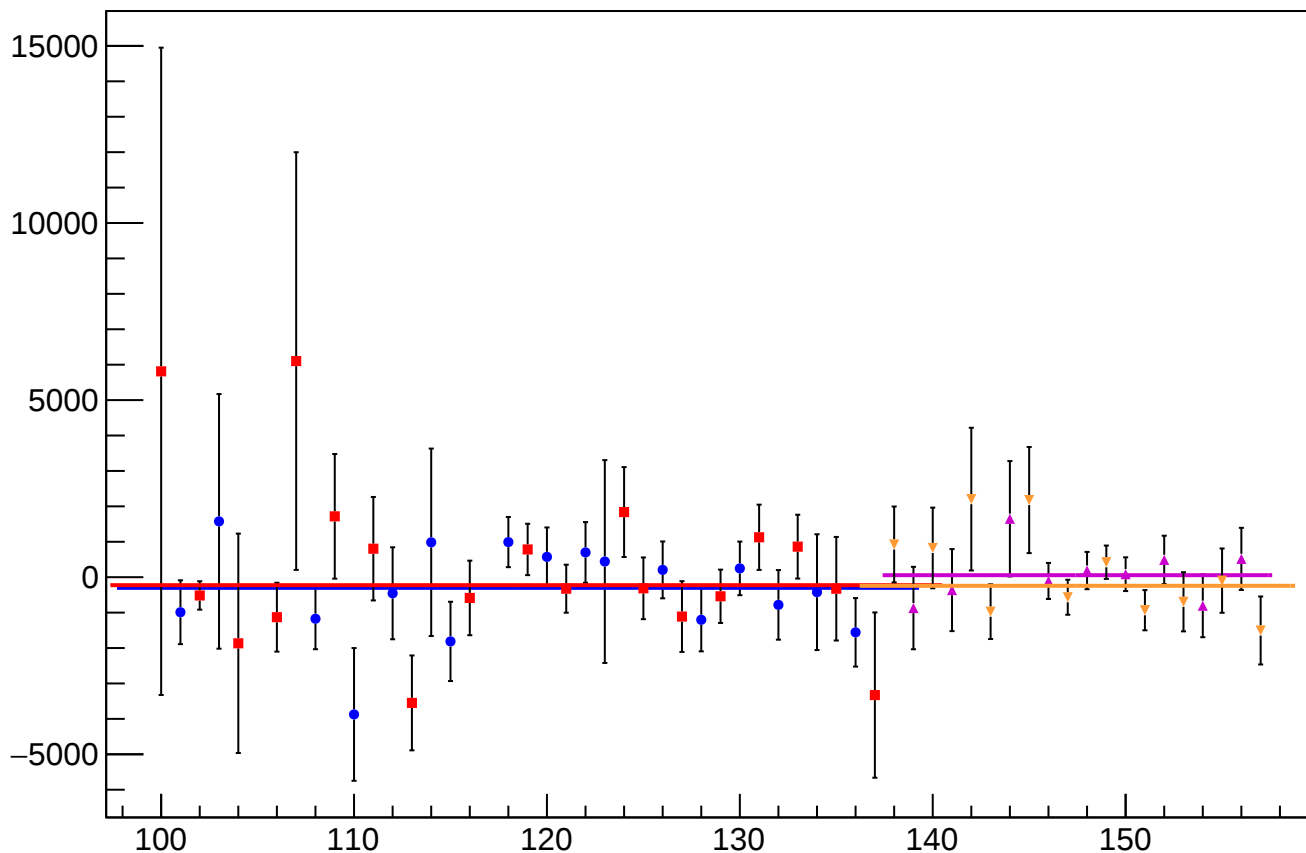
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1904.712+/-0.363 χ^2/NDF : 632045.9/25

Out: 1938.088+/-0.355 χ^2/NDF : 673996.5/29

All: 1921.783+/-0.254 χ^2/NDF : 1310366.5/55

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -242.879+/-226.697 χ^2/NDF :13.0/10

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

Left In: 56.906+/-232.788 χ^2/NDF :3.5/8

Left: -96.960+/-162.410 χ^2/NDF : 17.4/19

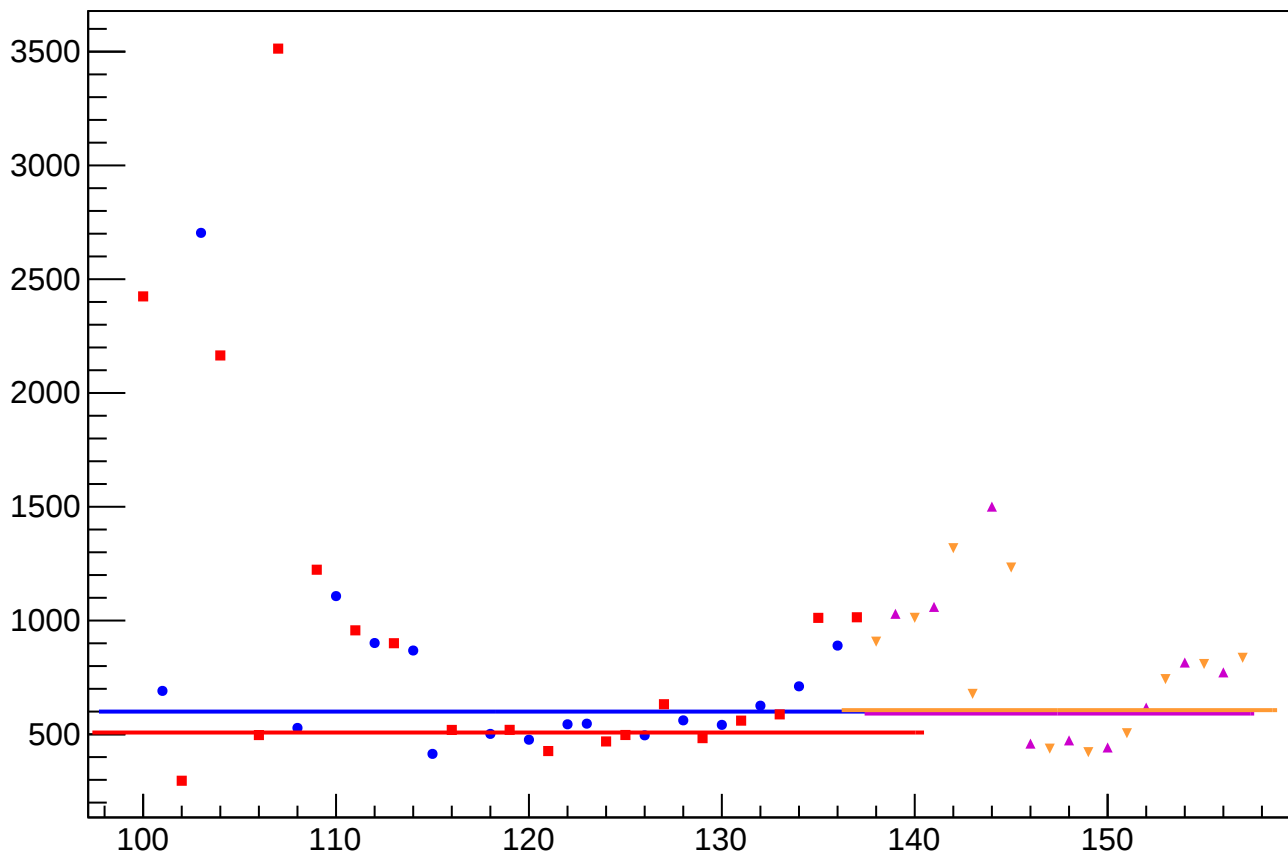
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -111.257+/-169.283 χ^2/NDF :22.0/25

Out: -233.717+/-156.214 χ^2/NDF :35.2/29

All: -177.396+/-114.803 χ^2/NDF : 57.5/55

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 606.269+/-0.160 χ^2/NDF :1903145.0/10

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

Left In: 591.297+/-0.165 χ^2/NDF :1880976.6/8

Left: 598.982+/-0.115 χ^2/NDF : 3788368.0/19

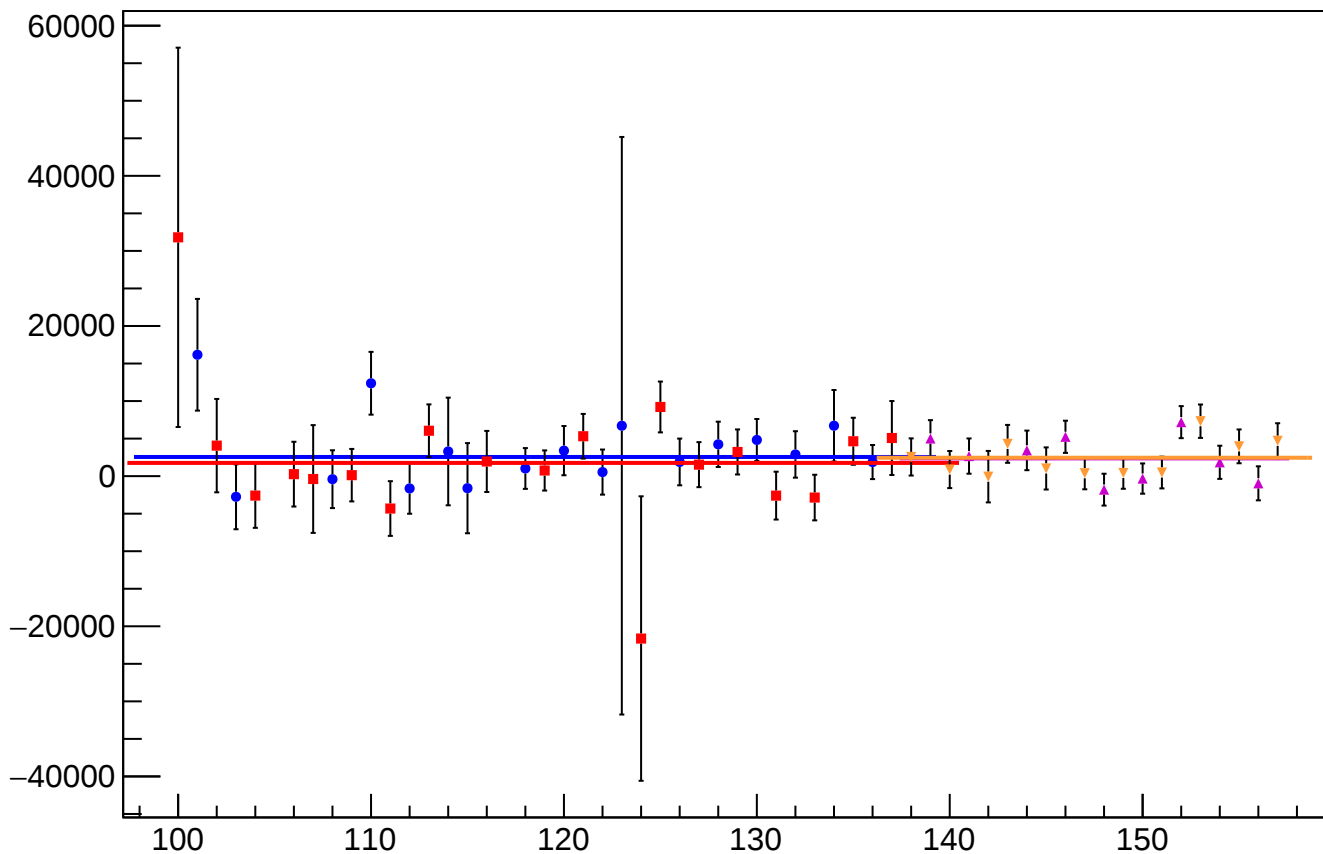
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 595.376+/-0.120 χ^2/NDF :3263329.0/25

Out: 554.632+/-0.110 χ^2/NDF :4949621.2/29

All: 573.371+/-0.081 χ^2/NDF : 8275522.1/55

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2451.409+/-717.021 χ^2/NDF :10.6/10

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

Left In: 2363.475+/-745.563 χ^2/NDF :16.1/8

Left: 2409.158+/-516.806 χ^2/NDF : 26.8/19

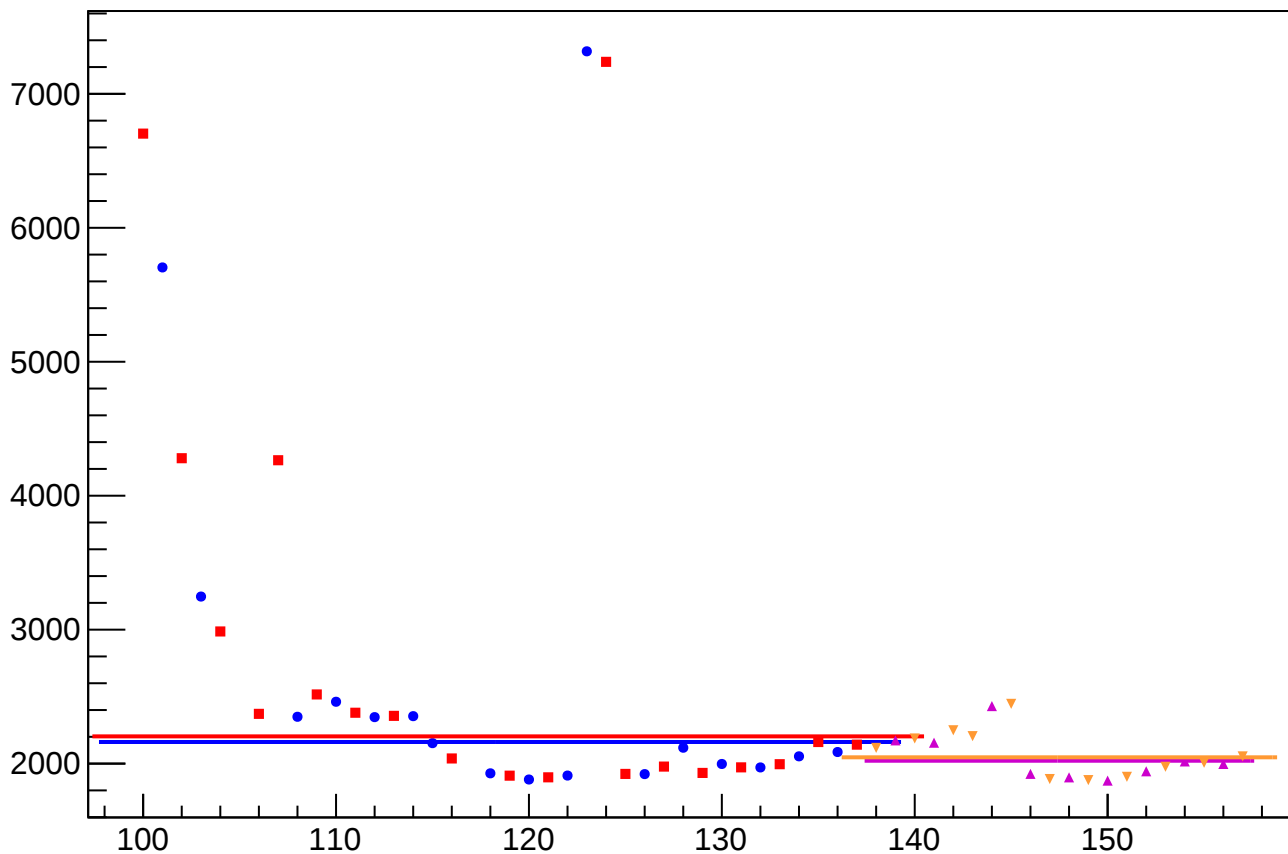
Right: 2155.591+/-605.836 χ^2/NDF : 37.1/35

In: 2445.172+/-563.032 χ^2/NDF :31.9/25

Out: 2166.418+/-549.312 χ^2/NDF :32.0/29

All: 2302.358+/-393.183 χ^2/NDF : 63.9/55

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2046.964+/-0.507 χ^2/NDF : 100036.5/10

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

Left In: 2021.500+/-0.527 χ^2/NDF : 87031.9/8

Left: 2034.729+/-0.365 χ^2/NDF : 188280.4/19

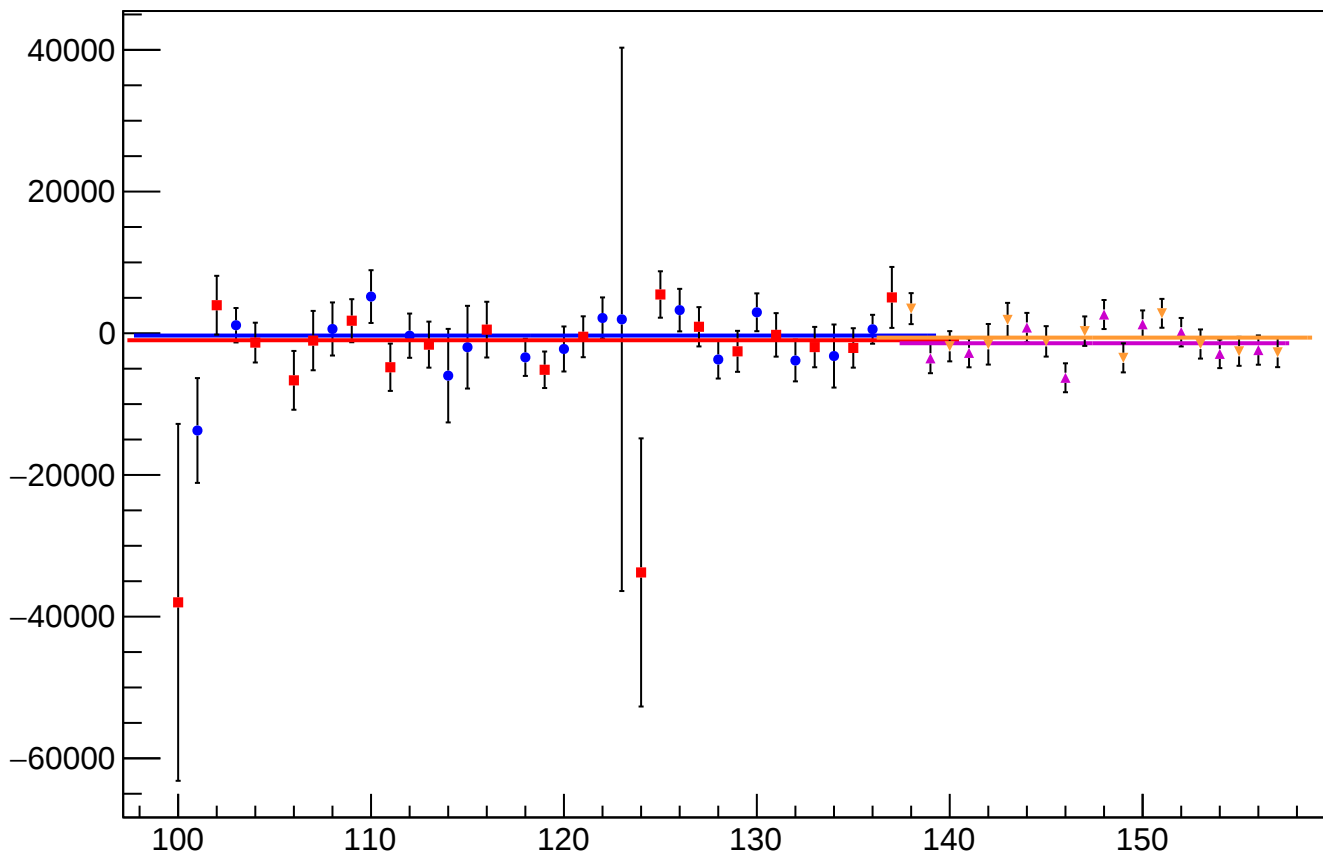
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2081.624+/-0.398 χ^2/NDF : 828553.4/25

Out: 2111.562+/-0.388 χ^2/NDF : 936726.9/29

All: 2096.962+/-0.278 χ^2/NDF : 1768177.3/55

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -615.079 ± 651.876 $\chi^2/\text{NDF}: 12.1/10$

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

Left In: -1408.825 ± 678.775 $\chi^2/\text{NDF}: 15.5/8$

Left: -995.913 ± 470.168 $\chi^2/\text{NDF}: 28.3/19$

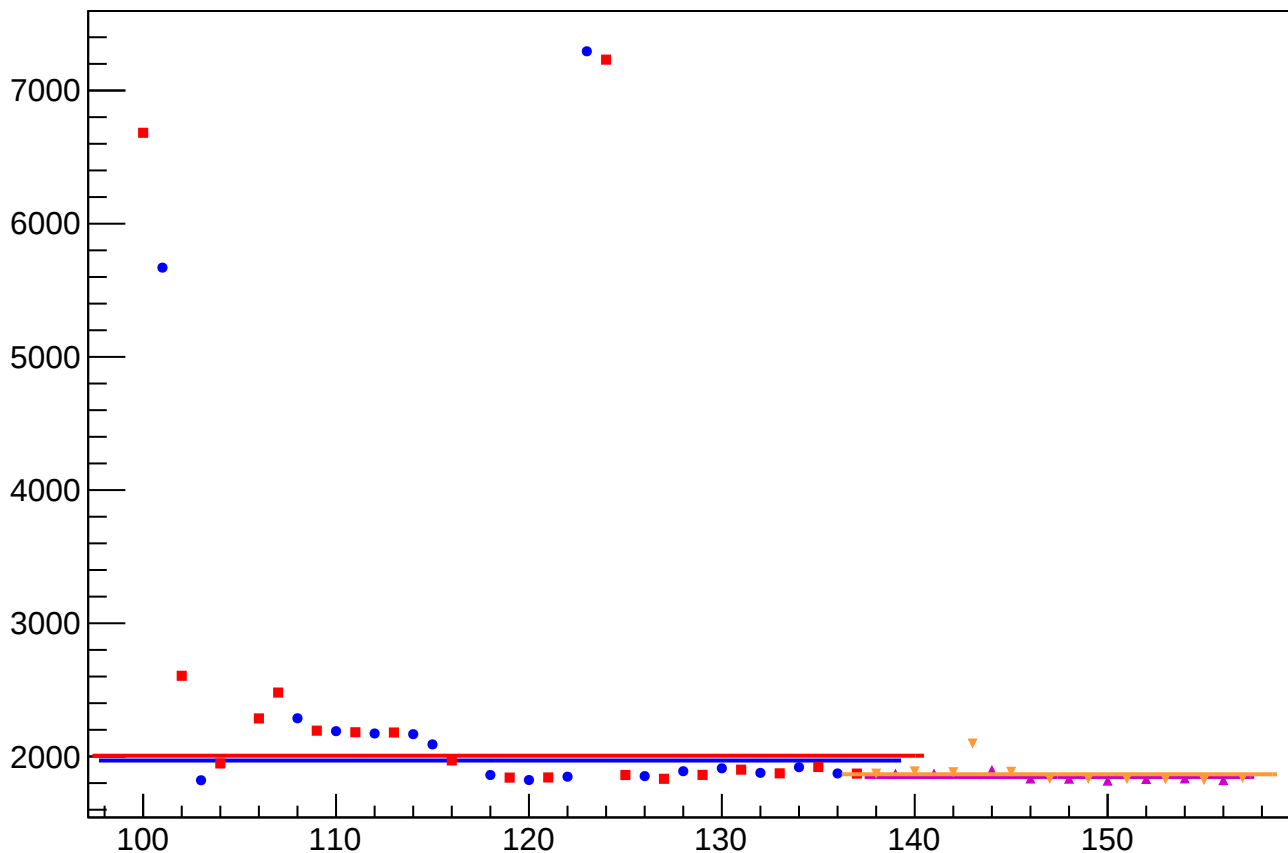
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -940.880 ± 511.901 $\chi^2/\text{NDF}: 32.3/25$

Out: -769.912 ± 497.505 $\chi^2/\text{NDF}: 32.6/29$

All: -852.958 ± 356.770 $\chi^2/\text{NDF}: 65.0/55$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1866.336+/-0.461 χ^2/NDF :22636.4/10

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

Left In: 1845.984+/-0.480 χ^2/NDF :2920.7/8

Left: 1856.571+/-0.332 χ^2/NDF : 26492.3/19

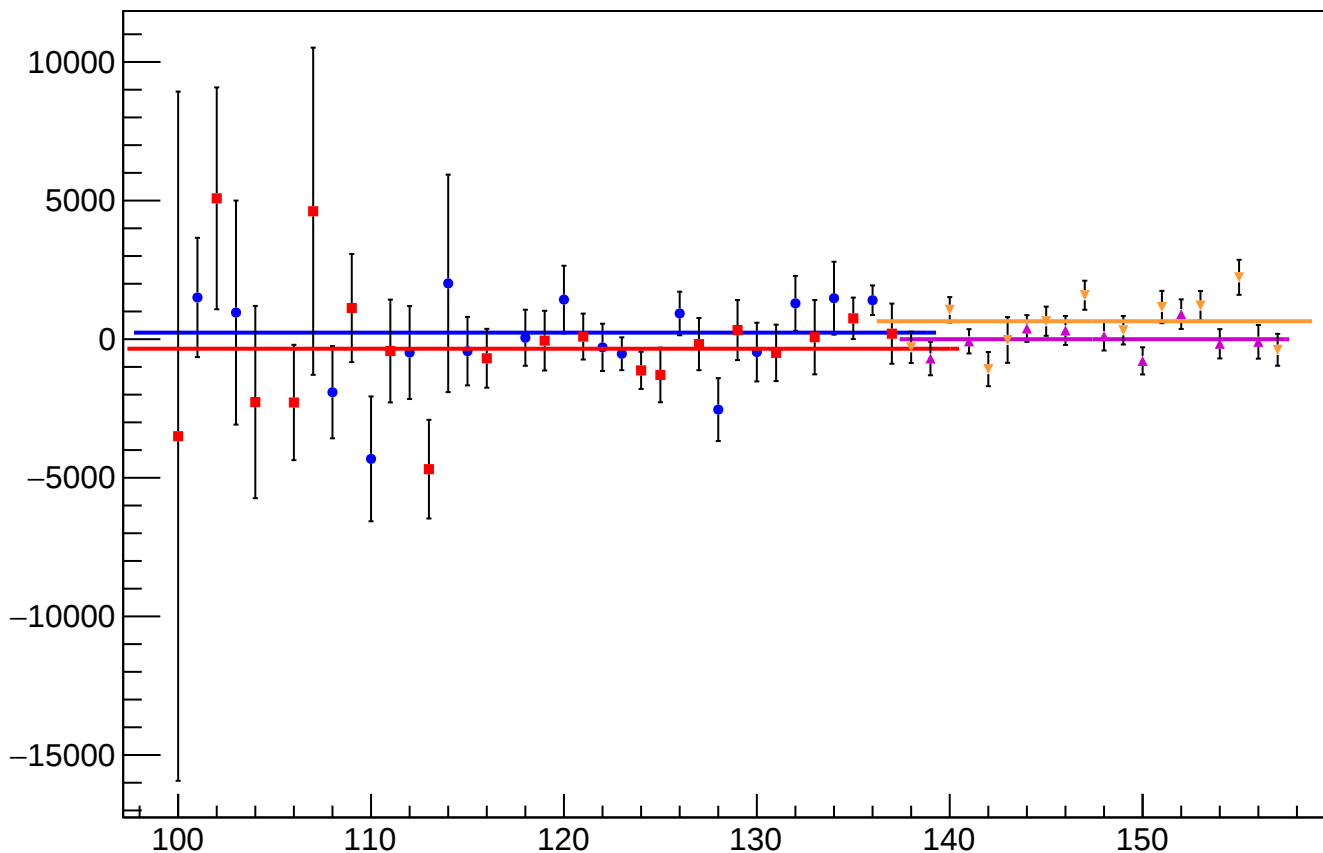
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1899.248+/-0.362 χ^2/NDF :634288.2/25

Out: 1924.464+/-0.352 χ^2/NDF :420368.1/29

All: 1912.216+/-0.252 χ^2/NDF : 1057152.0/55

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 649.699 $\pm$ 168.736 χ^2/NDF : 27.1/10

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

Left In: -0.490 $\pm$ 172.653 χ^2/NDF : 7.9/8

Left: 332.065 $\pm$ 120.675 χ^2/NDF : 42.3/19

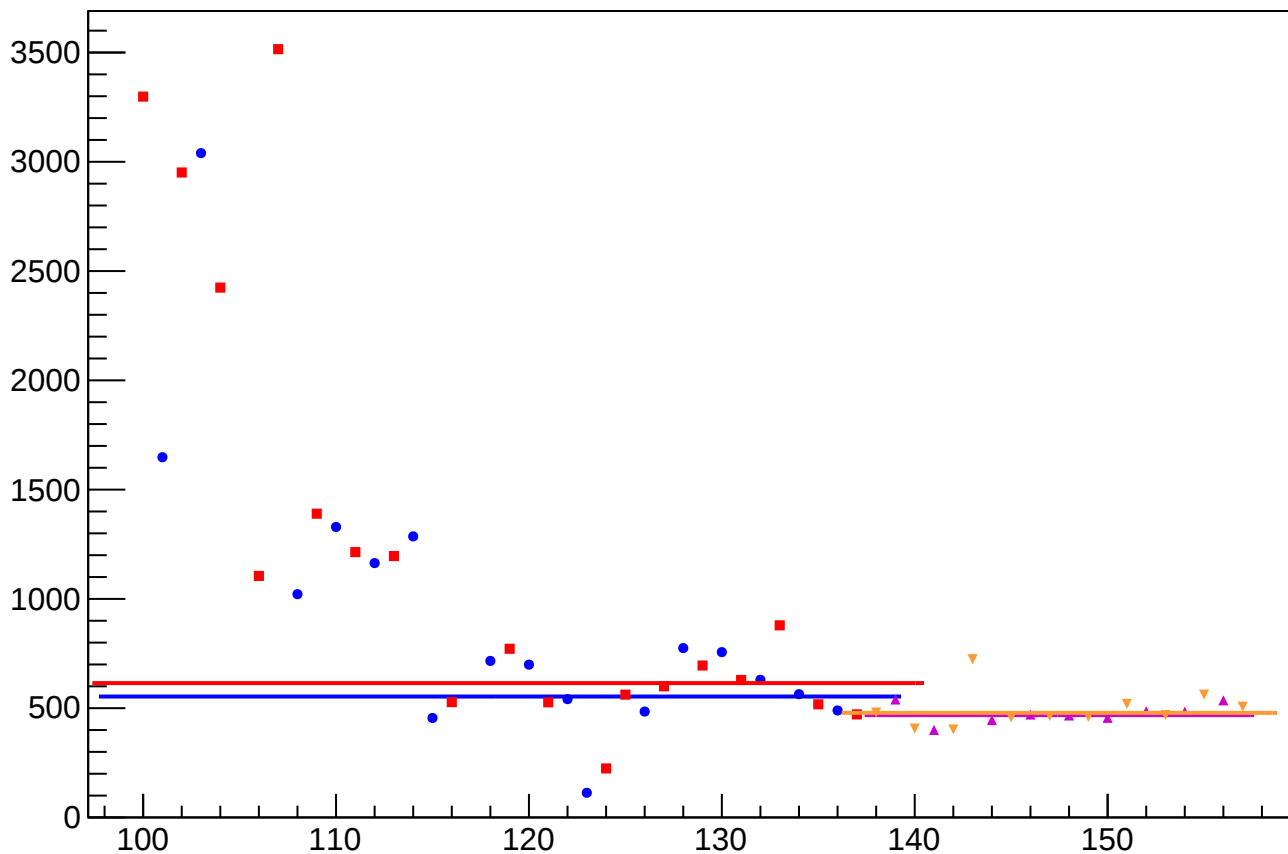
Right: -31.357 $\pm$ 182.424 χ^2/NDF : 42.4/35

In: 76.741 $\pm$ 141.809 χ^2/NDF : 32.4/25

Out: 368.312 $\pm$ 142.869 χ^2/NDF : 52.9/29

All: 221.441 $\pm$ 100.647 χ^2/NDF : 87.4/55

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 478.608 ± 0.119 χ^2/NDF : 313931.5/10

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

Left In: 468.291 ± 0.122 χ^2/NDF : 110253.8/8

Left: 473.568 ± 0.085 χ^2/NDF : 427838.0/19

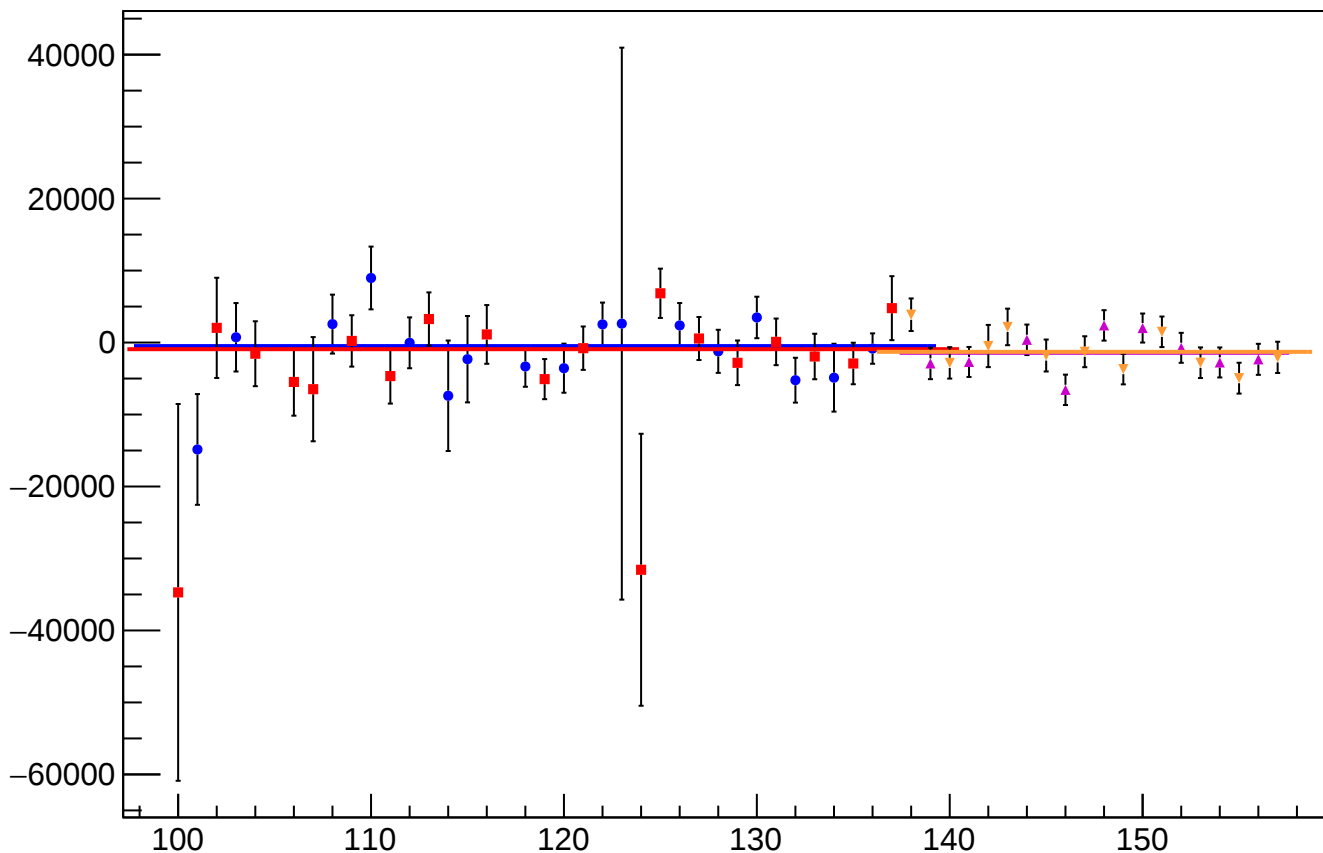
Right: 581.688 ± 0.129 χ^2/NDF : 7038937.4/35

In: 495.945 ± 0.100 χ^2/NDF : 3680689.4/25

Out: 517.171 ± 0.101 χ^2/NDF : 4252551.1/29

All: 506.479 ± 0.071 χ^2/NDF : 7955479.4/55

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1289.787+/-675.555 χ^2/NDF :14.2/10

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

Left In: -1422.867+/-701.421 χ^2/NDF :14.3/8

Left: -1353.828+/-486.577 χ^2/NDF : 28.6/19

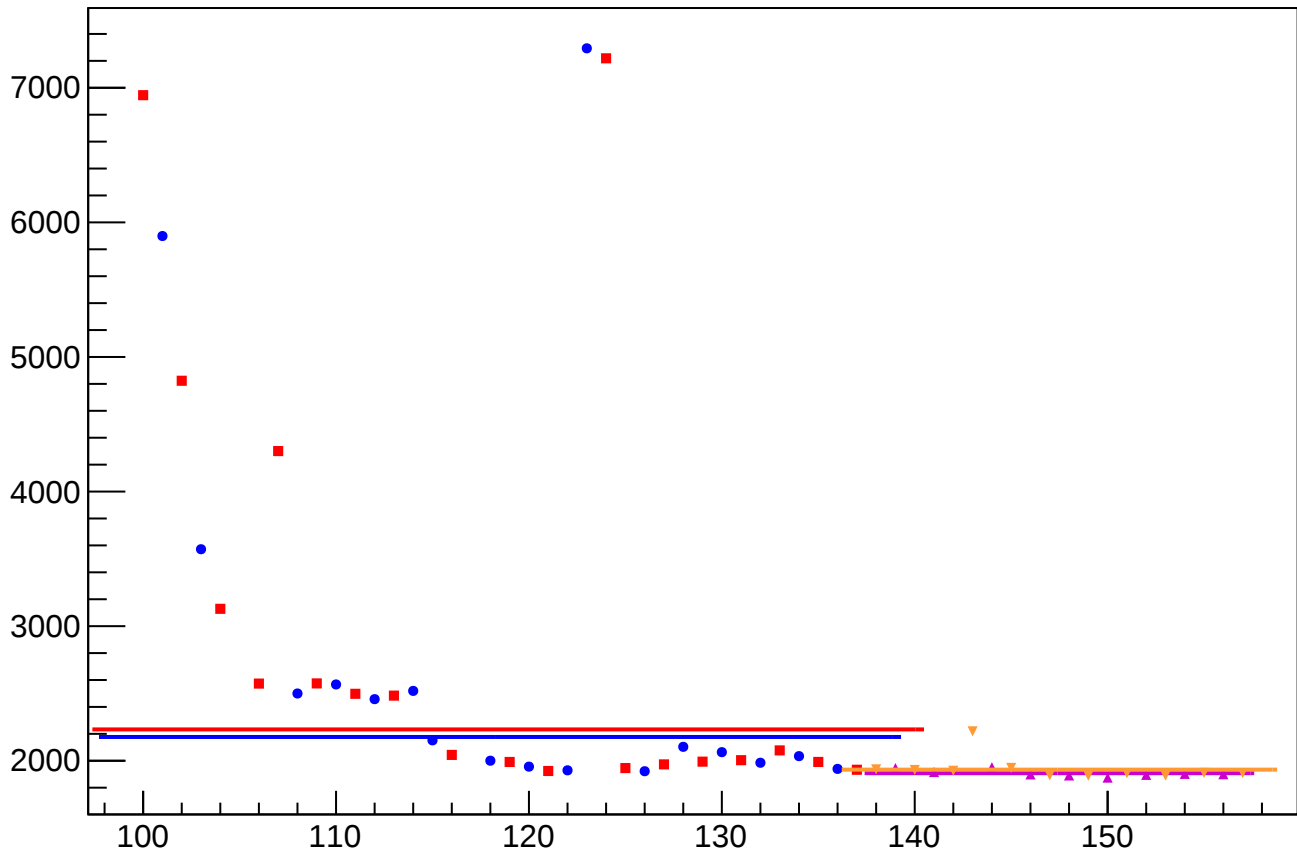
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -1055.106+/-545.555 χ^2/NDF :33.6/25

Out: -1151.143+/-533.272 χ^2/NDF :33.3/29

All: -1104.218+/-381.349 χ^2/NDF : 66.9/55

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1934.052+/-0.478 χ^2/NDF : 28574.6/10

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

Left In: 1907.804+/-0.496 χ^2/NDF : 2332.6/8

Left: 1921.421+/-0.344 χ^2/NDF : 32360.1/19

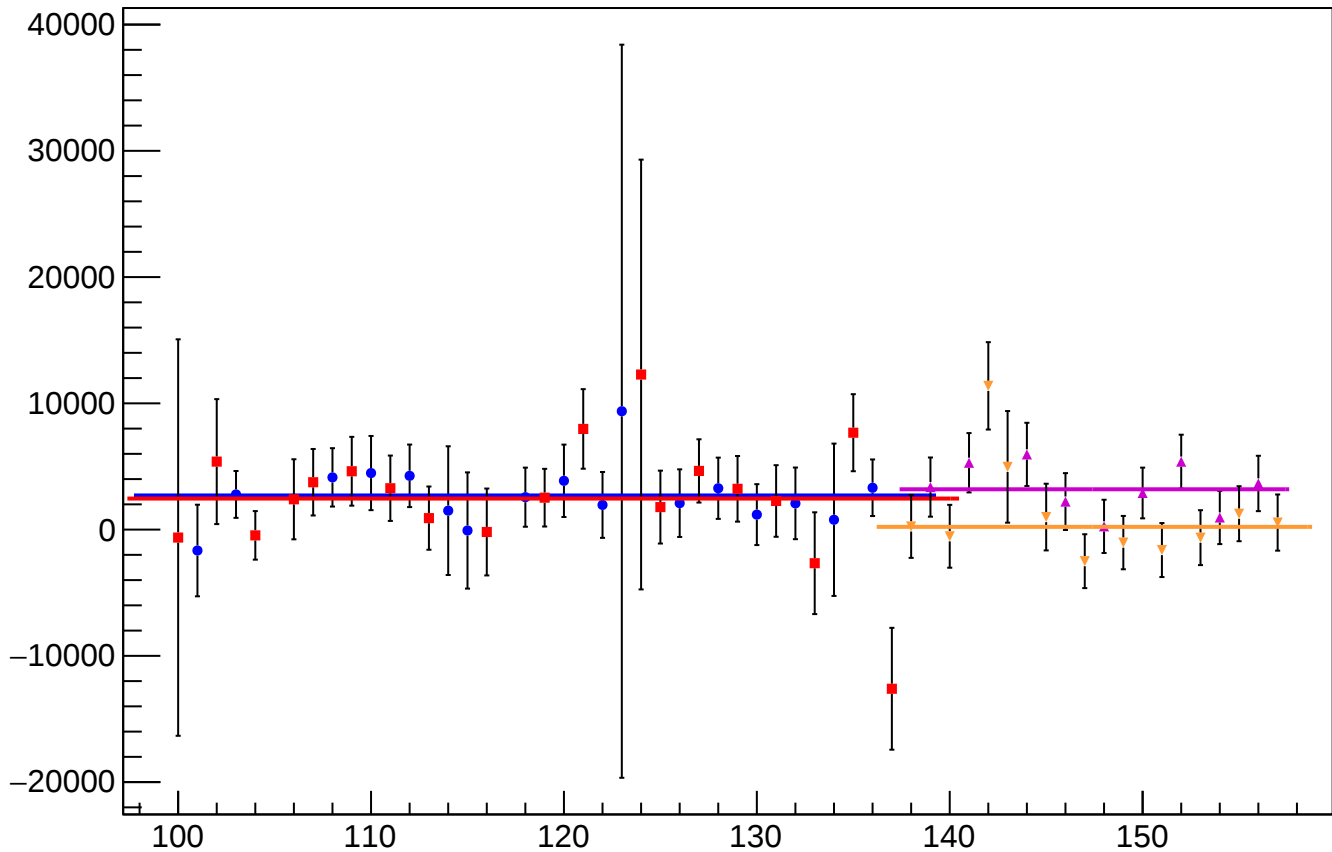
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 2014.049+/-0.386 χ^2/NDF : 921166.3/25

Out: 2046.674+/-0.377 χ^2/NDF : 1066615.7/29

All: 2030.733+/-0.270 χ^2/NDF : 1991439.6/55

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 217.853 $\pm$ 727.933 χ^2 /NDF:14.9/10

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

Left In: 3193.004 $\pm$ 736.286 χ^2 /NDF:6.4/8

Left: 1688.457 $\pm$ 517.655 χ^2 /NDF: 29.5/19

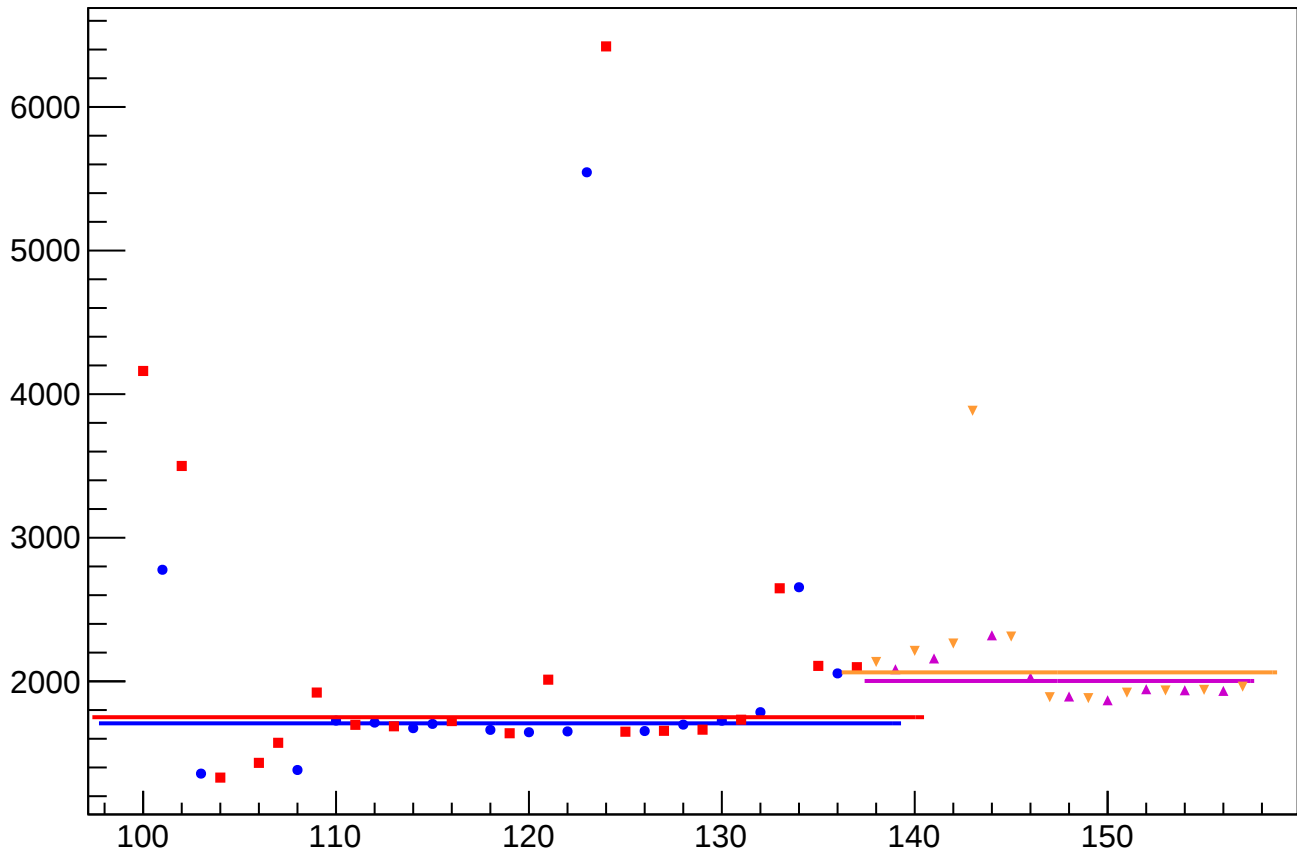
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2926.643 $\pm$ 497.113 χ^2 /NDF:10.7/25

Out: 1410.190 $\pm$ 497.938 χ^2 /NDF:43.1/29

All: 2169.673 $\pm$ 351.804 χ^2 /NDF: 58.4/55

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 ± 0.477 $\chi^2/\text{NDF}: 422166.4/16$

Left Out: 2062.358 ± 0.515 $\chi^2/\text{NDF}: 426555.3/10$

Right Out: 1750.114 ± 0.483 $\chi^2/\text{NDF}: 746498.0/18$

Left In: 2002.459 ± 0.521 $\chi^2/\text{NDF}: 63332.3/8$

Left: 2032.750 ± 0.366 $\chi^2/\text{NDF}: 496581.3/19$

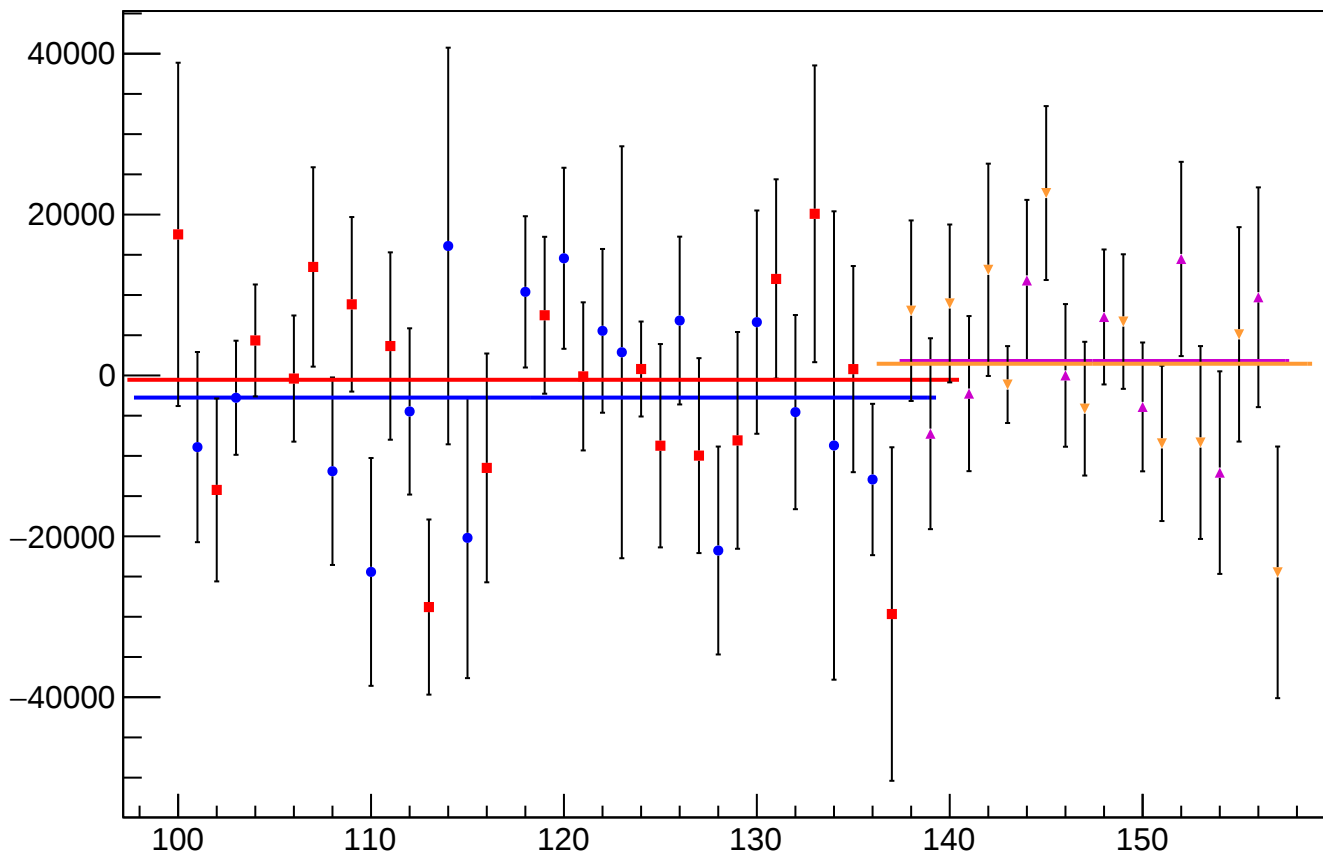
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1841.894 ± 0.352 $\chi^2/\text{NDF}: 660289.6/25$

Out: 1896.175 ± 0.352 $\chi^2/\text{NDF}: 1368903.8/29$

All: 1868.993 ± 0.249 $\chi^2/\text{NDF}: 2041098.6/55$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1454.663 $\pm$ 2746.721 χ^2 /NDF:11.2/10

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

Left In: 1797.404 $\pm$ 3354.476 χ^2 /NDF:5.4/8

Left: 1592.228 $\pm$ 2125.177 χ^2 /NDF: 16.6/19

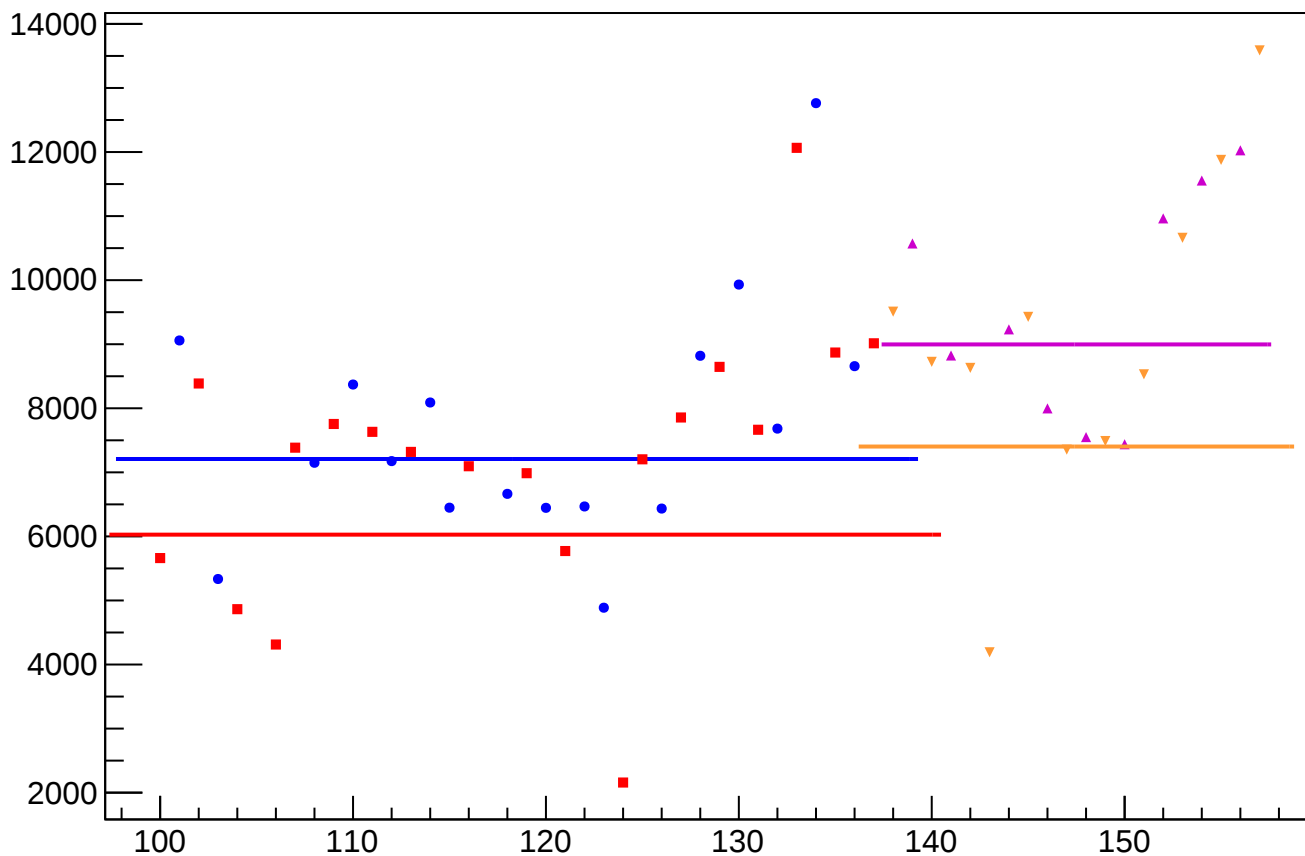
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

In: -849.944 $\pm$ 2168.574 χ^2 /NDF:21.0/25

Out: 334.591 $\pm$ 1817.880 χ^2 /NDF:30.0/29

All: -154.272 $\pm$ 1393.137 χ^2 /NDF: 51.2/55

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7402.844+/-1.942 χ^2/NDF : 1810426.1/10

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

Left In: 8996.851+/-2.372 χ^2/NDF : 431589.9/8

Left: 8042.624+/-1.503 χ^2/NDF : 2512363.5/19

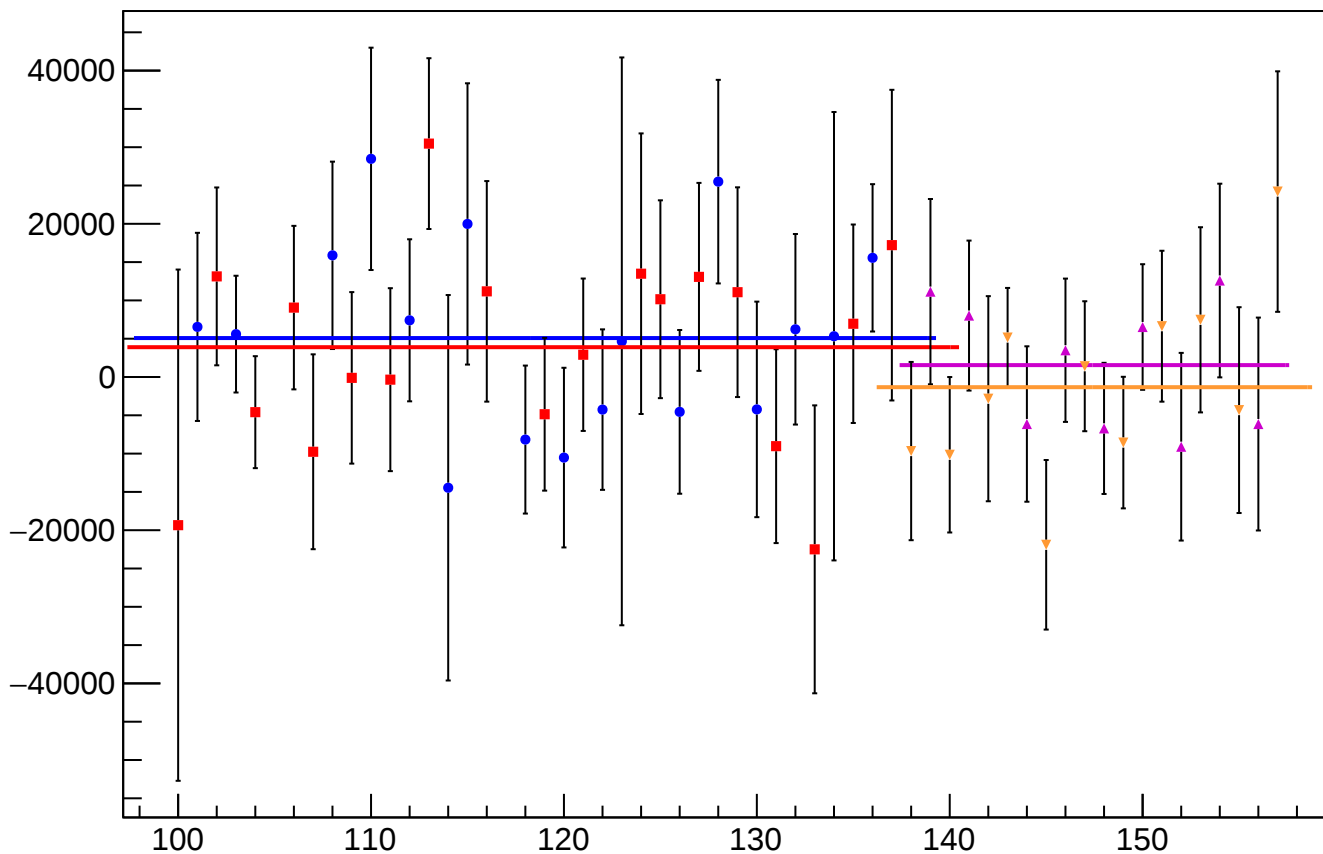
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7955.808+/-1.533 χ^2/NDF : 1256272.2/25

Out: 6629.887+/-1.285 χ^2/NDF : 3890419.3/29

All: 7177.101+/-0.985 χ^2/NDF : 5585801.8/55

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -1329.274+/-3030.785 χ^2/NDF : 10.4/10

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

Left In: 1552.731+/-3429.330 χ^2/NDF : 4.8/8

Left: -65.397+/-2270.985 χ^2/NDF : 15.6/19

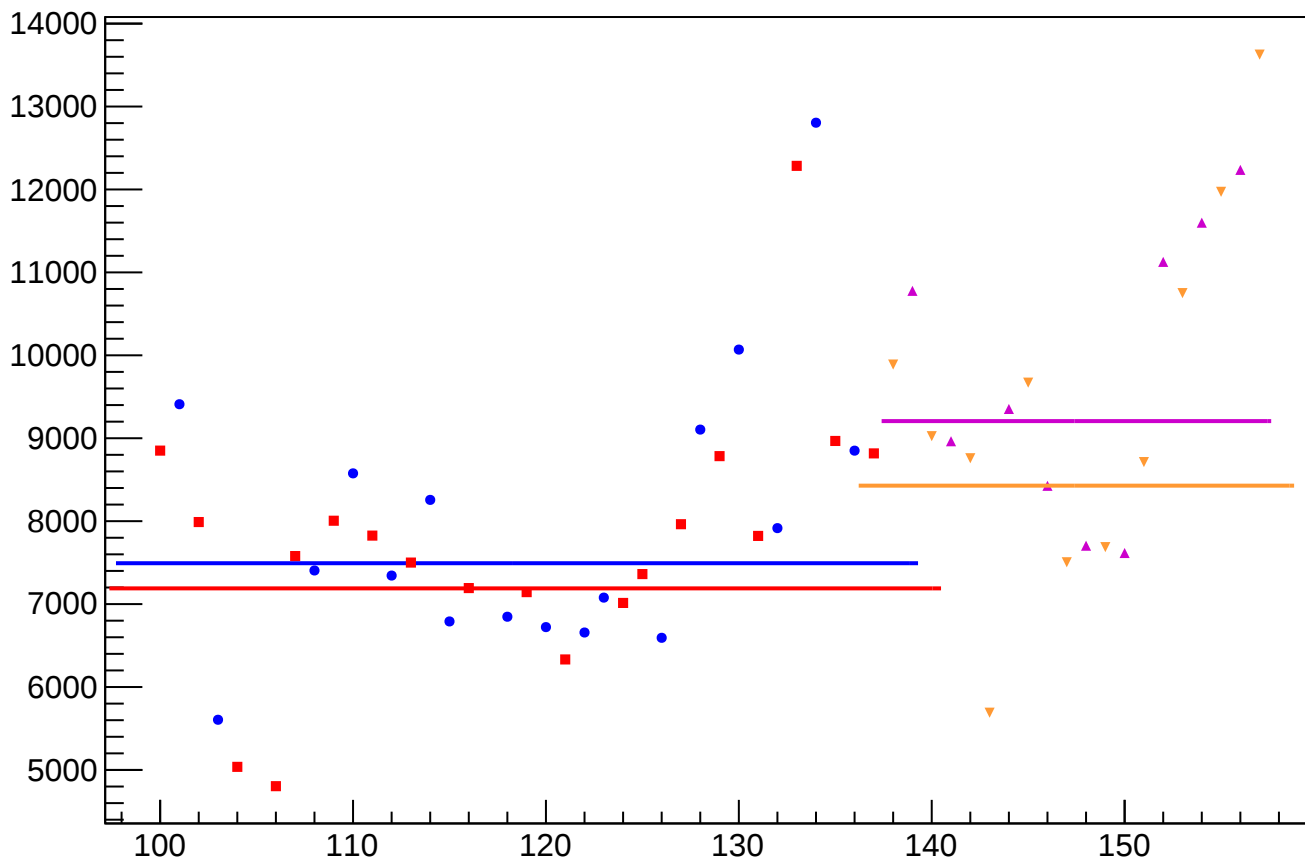
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3579.501+/-2238.678 χ^2/NDF : 19.4/25

Out: 1496.732+/-2052.789 χ^2/NDF : 27.7/29

All: 2448.068+/-1512.997 χ^2/NDF : 47.6/55

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8428.303 $\pm$ 2.143 χ^2 /NDF: 894428.0/10

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

Left In: 9206.727 $\pm$ 2.425 χ^2 /NDF: 402015.3/8

Left: 8769.673 $\pm$ 1.606 χ^2 /NDF: 1354301.1/19

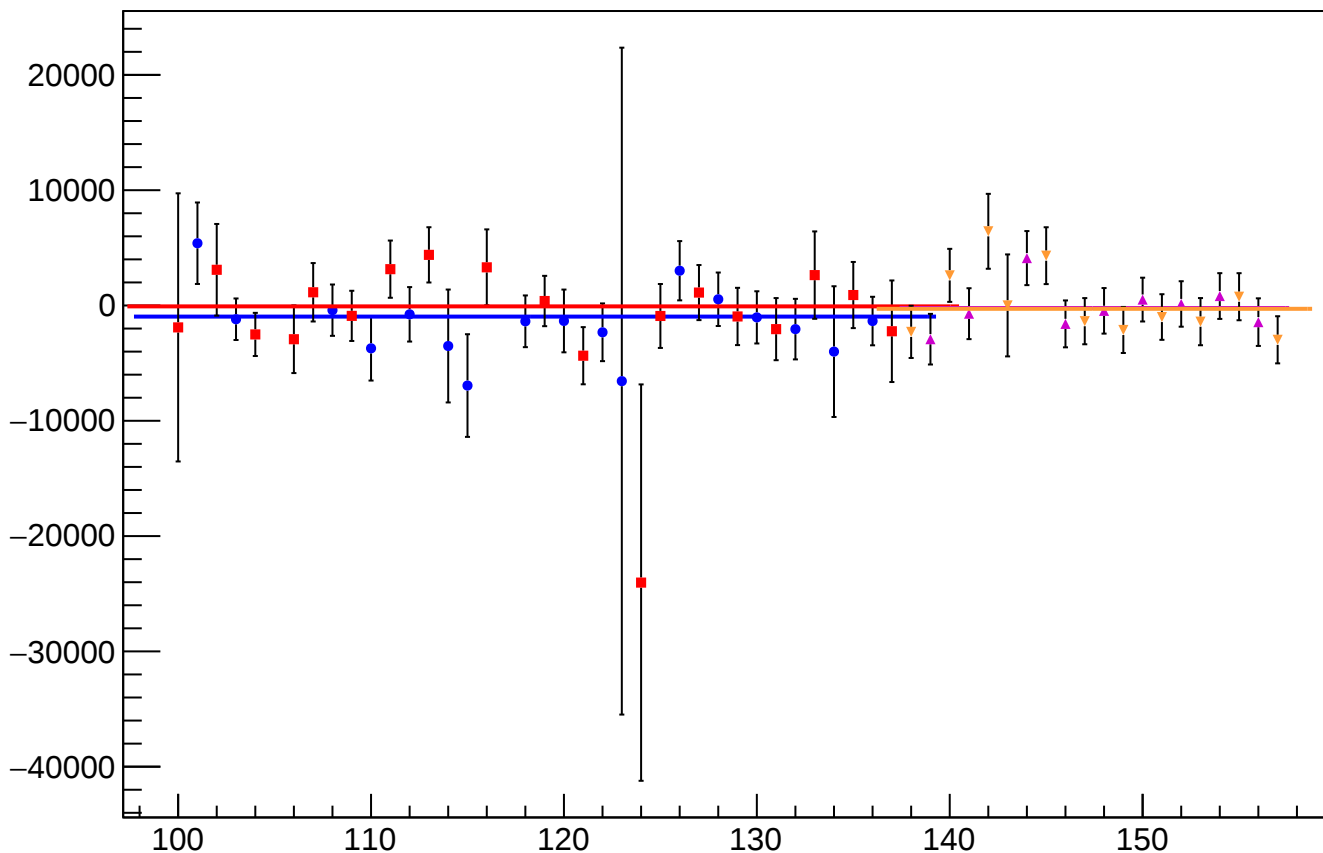
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8223.240 $\pm$ 1.583 χ^2 /NDF: 1125743.3/25

Out: 7757.727 $\pm$ 1.451 χ^2 /NDF: 1636192.4/29

All: 7970.345 $\pm$ 1.070 χ^2 /NDF: 2808917.9/55

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -287.636 $\pm$ 679.023 χ^2 /NDF:13.7/10

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

Left In: -218.580 $\pm$ 687.525 χ^2 /NDF:6.3/8

Left: -253.537 $\pm$ 483.120 χ^2 /NDF: 20.0/19

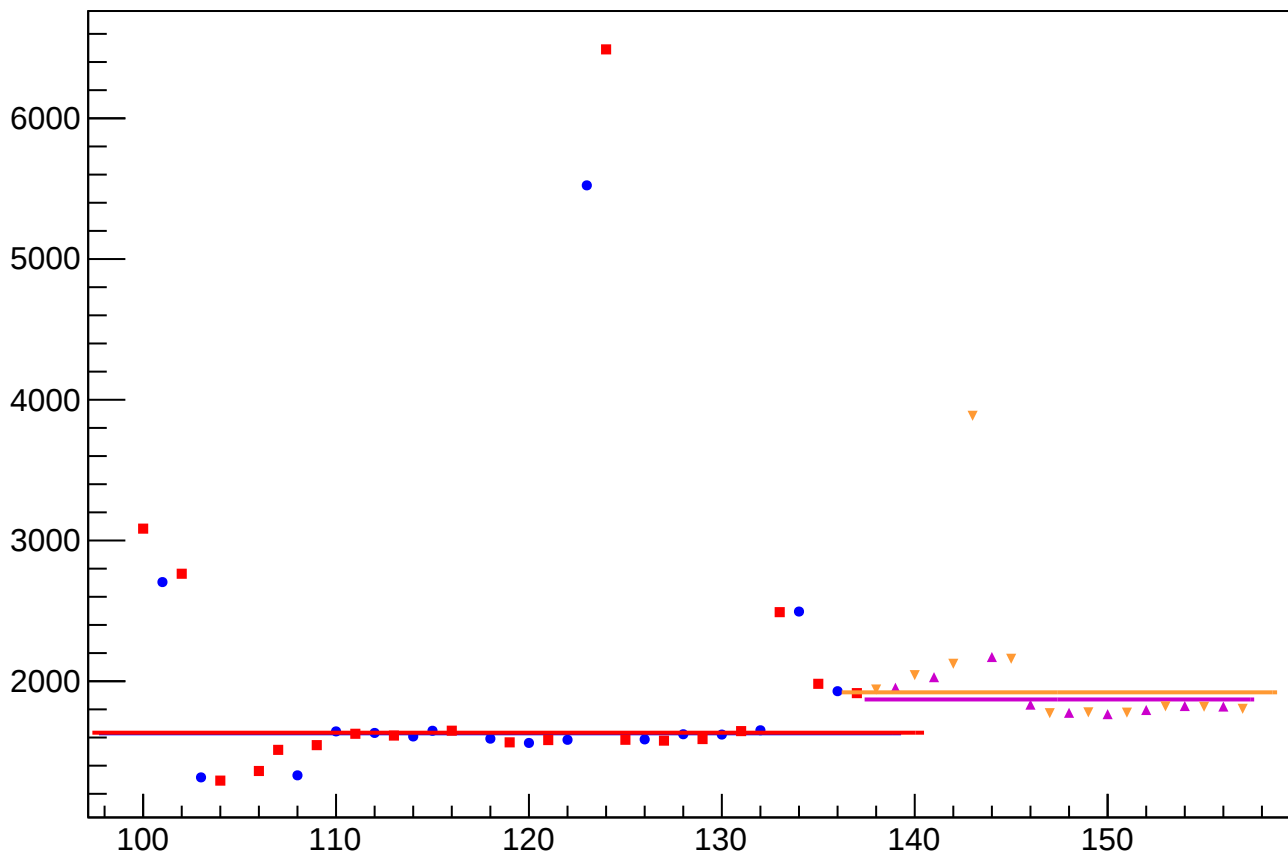
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -615.414 $\pm$ 469.632 χ^2 /NDF:16.9/25

Out: -174.883 $\pm$ 463.204 χ^2 /NDF:30.5/29

All: -392.114 $\pm$ 329.784 χ^2 /NDF: 47.9/55

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1921.048+/-0.480 χ^2/NDF : 475262.2/10

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

Left In: 1870.379+/-0.486 χ^2/NDF : 62747.3/8

Left: 1896.029+/-0.342 χ^2/NDF : 543508.4/19

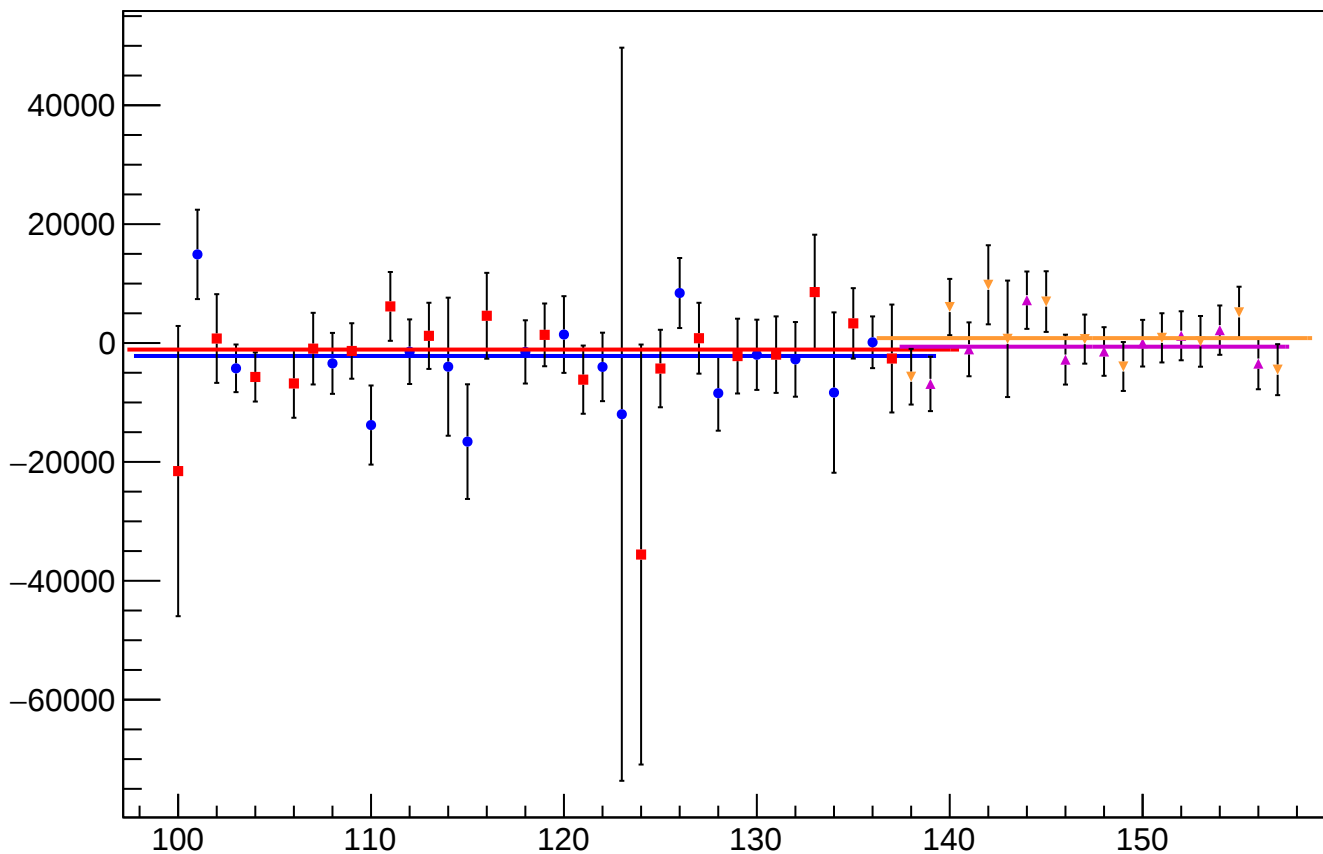
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1742.134+/-0.332 χ^2/NDF : 601357.6/25

Out: 1767.714+/-0.328 χ^2/NDF : 1254661.7/29

All: 1755.100+/-0.233 χ^2/NDF : 1859026.8/55

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 826.356 ± 1413.156 χ^2/NDF : 10.3/10

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

Left In: -617.864 ± 1426.413 χ^2/NDF : 5.9/8

Left: 110.988 ± 1003.906 χ^2/NDF : 16.8/19

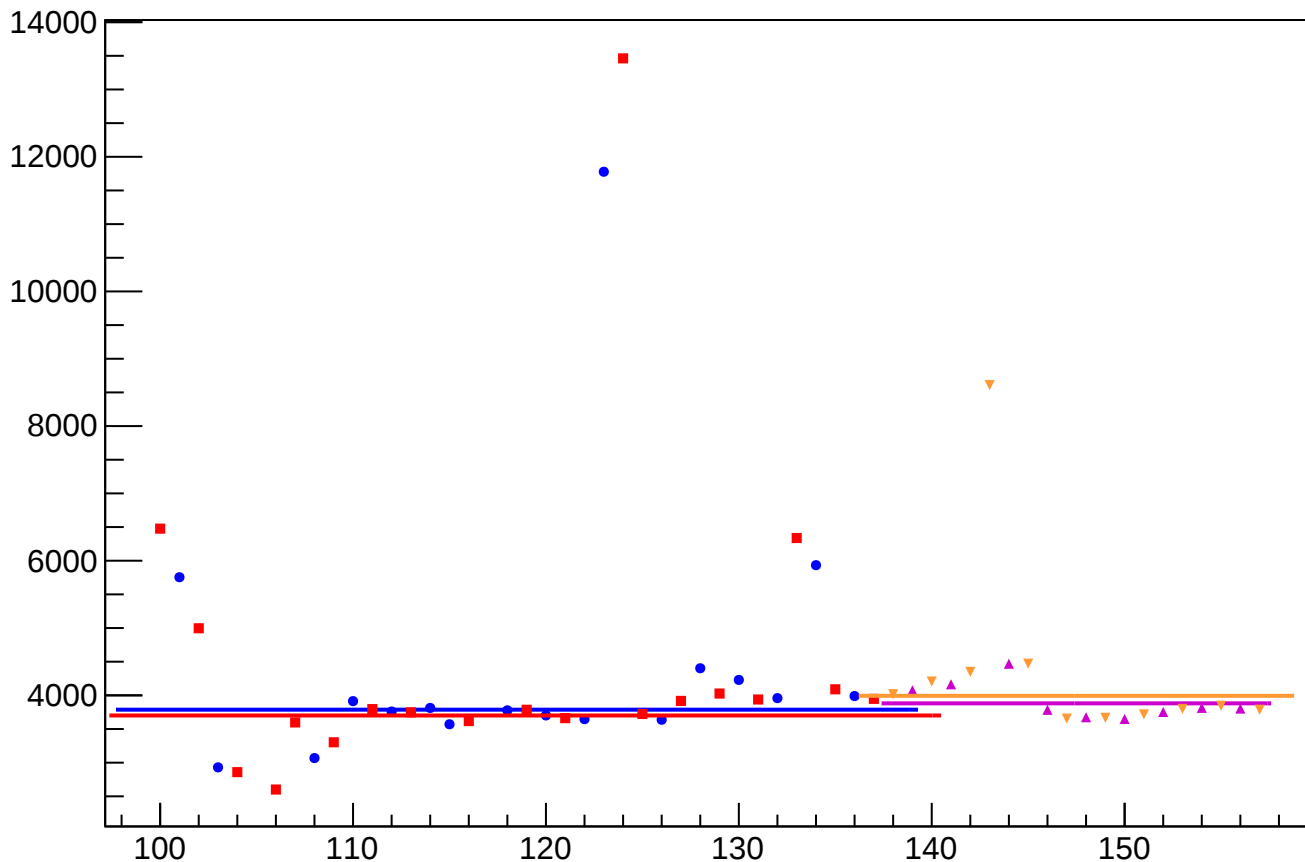
Right: -1619.192 ± 1036.406 χ^2/NDF : 25.5/35

In: -1362.947 ± 1031.372 χ^2/NDF : 22.5/25

Out: -118.008 ± 1008.547 χ^2/NDF : 20.5/29

All: -726.550 ± 721.085 χ^2/NDF : 43.7/55

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3993.002+/-0.999 χ^2/NDF : 517319.1/10

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

Left In: 3881.267+/-1.009 χ^2/NDF : 57366.2/8

Left: 3937.656+/-0.710 χ^2/NDF : 580878.6/19

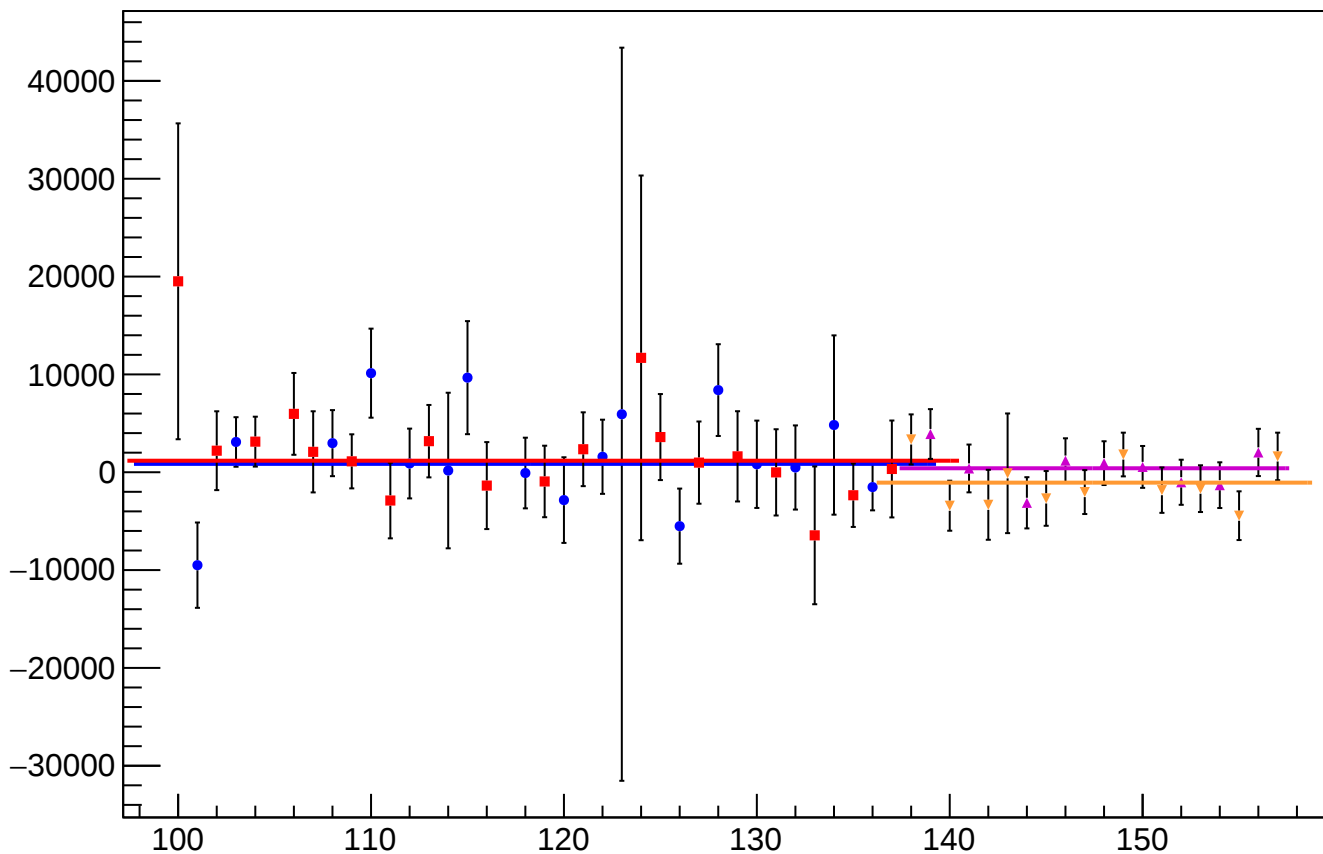
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3836.427+/-0.729 χ^2/NDF : 454158.6/25

Out: 3849.693+/-0.713 χ^2/NDF : 1140332.7/29

All: 3843.208+/-0.510 χ^2/NDF : 1594660.5/55

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1062.908 ± 783.536 χ^2/NDF : 9.7/10

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

Left In: 406.069 ± 785.373 χ^2/NDF : 5.3/8

Left: -330.140 ± 554.692 χ^2/NDF : 16.7/19

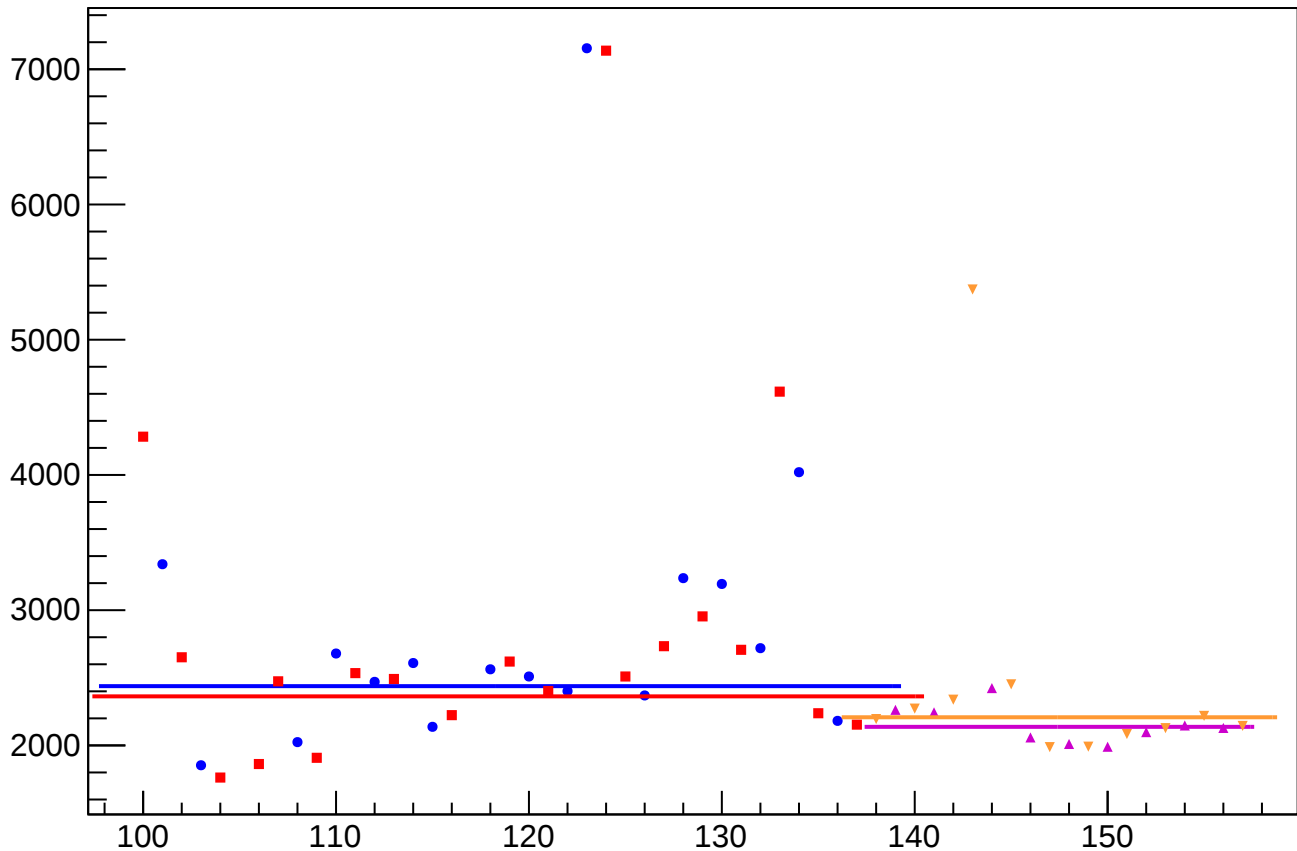
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 585.475 ± 609.069 χ^2/NDF : 26.1/25

Out: -127.505 ± 598.052 χ^2/NDF : 21.6/29

All: 222.478 ± 426.729 χ^2/NDF : 48.4/55

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 $\pm$ 0.682 χ^2 /NDF: 476723.4/16

Left Out: 2208.127 $\pm$ 0.554 χ^2 /NDF: 601963.3/10

Right Out: 2362.739 $\pm$ 0.655 χ^2 /NDF: 657525.3/18

Left In: 2137.334 $\pm$ 0.555 χ^2 /NDF: 51572.7/8

Left: 2172.813 $\pm$ 0.392 χ^2 /NDF: 661680.0/19

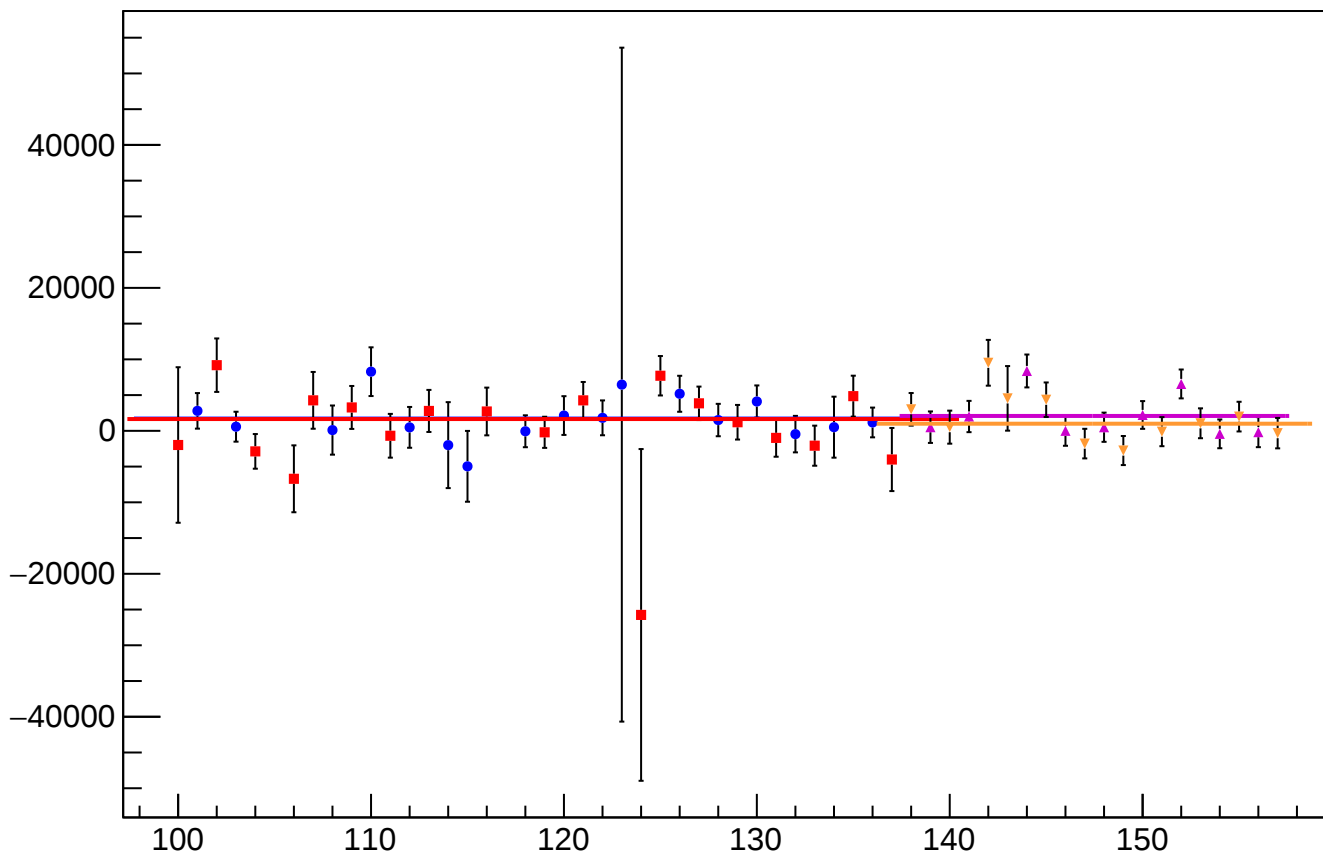
Right: 2398.946 $\pm$ 0.472 χ^2 /NDF: 1140632.3/35

In: 2257.282 $\pm$ 0.431 χ^2 /NDF: 645340.7/25

Out: 2272.664 $\pm$ 0.423 χ^2 /NDF: 1291995.0/29

All: 2265.114 $\pm$ 0.302 χ^2 /NDF: 1937985.2/55

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 997.570 $\pm$ 690.623 χ^2/NDF : 16.6/10

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

Left In: 2083.425 $\pm$ 697.562 χ^2/NDF : 17.2/8

Left: 1535.070 $\pm$ 490.779 χ^2/NDF : 35.0/19

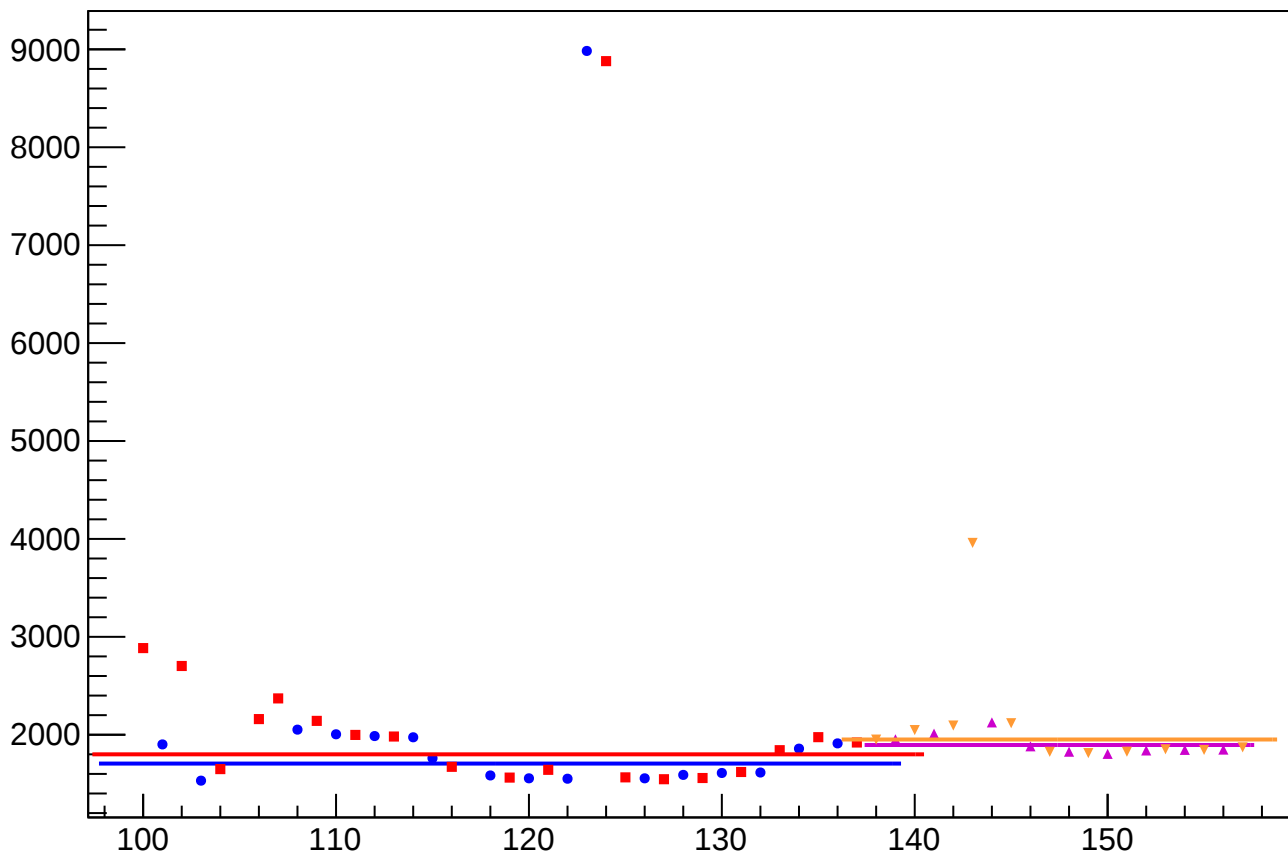
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

In: 1889.735 $\pm$ 482.139 χ^2/NDF : 28.7/25

Out: 1322.321 $\pm$ 489.633 χ^2/NDF : 44.0/29

All: 1610.403 $\pm$ 343.543 χ^2/NDF : 73.4/55

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1951.456 $\pm$ 0.488 χ^2 /NDF: 448826.4/10

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

Left In: 1895.296 $\pm$ 0.493 χ^2 /NDF: 37583.4/8

Left: 1923.657 $\pm$ 0.347 χ^2 /NDF: 492956.3/19

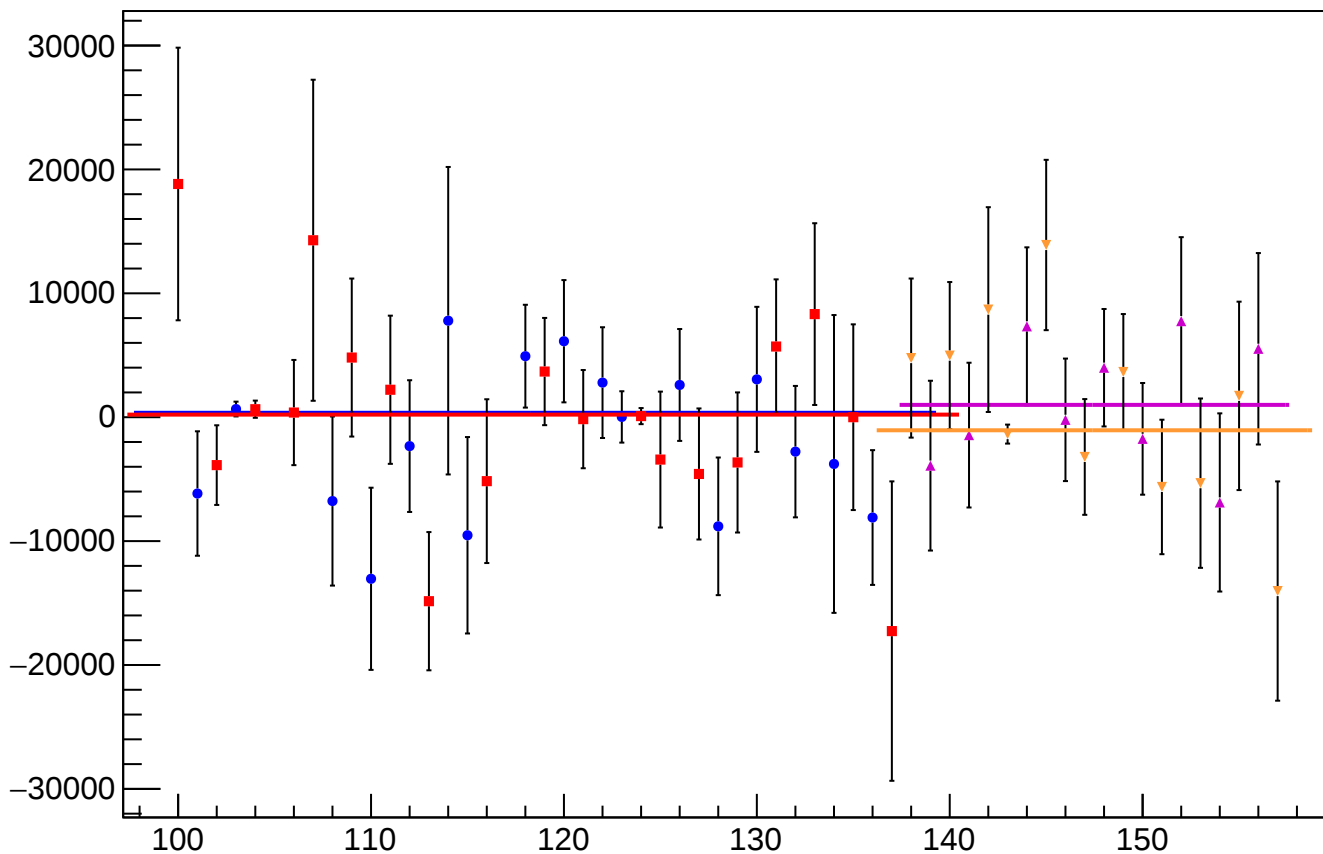
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1796.235 $\pm$ 0.341 χ^2 /NDF: 308984.7/25

Out: 1875.959 $\pm$ 0.346 χ^2 /NDF: 1035556.4/29

All: 1835.526 $\pm$ 0.243 χ^2 /NDF: 1371491.1/55

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1055.165 $\pm$ 712.619 χ^2 /NDF:12.7/10

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

Left In: 995.194 $\pm$ 1932.835 χ^2 /NDF:5.0/8

Left: -809.805 $\pm$ 668.623 χ^2 /NDF: 18.8/19

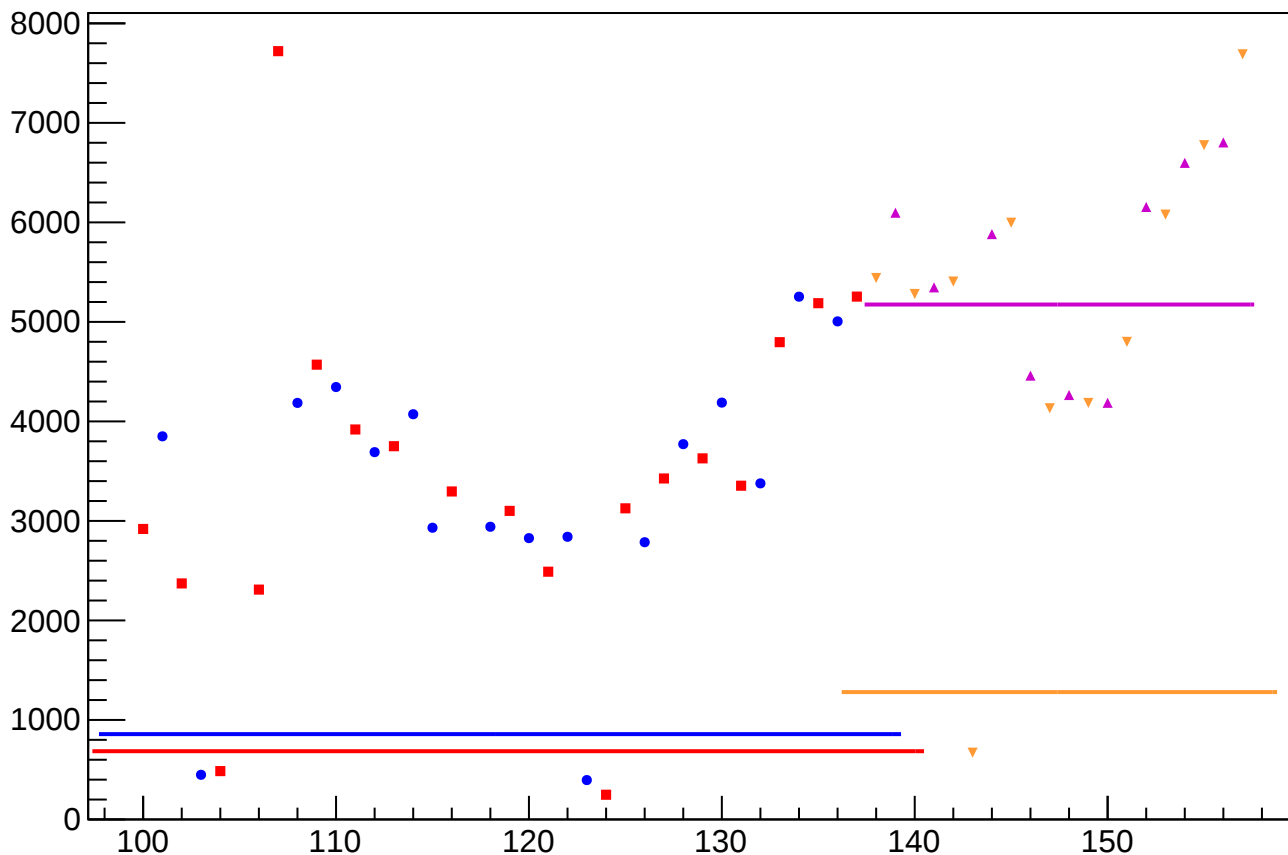
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 402.157 $\pm$ 514.009 χ^2 /NDF:22.6/25

Out: -146.872 $\pm$ 378.442 χ^2 /NDF:36.4/29

All: 46.124 $\pm$ 304.752 χ^2 /NDF: 59.8/55

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1279.954 +/- 0.504 χ^2/NDF : 9889174.3/10

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

Left In: 5174.560 +/- 1.367 χ^2/NDF : 483162.2/8

Left: 1746.008 +/- 0.473 χ^2/NDF : 17520835.8/19

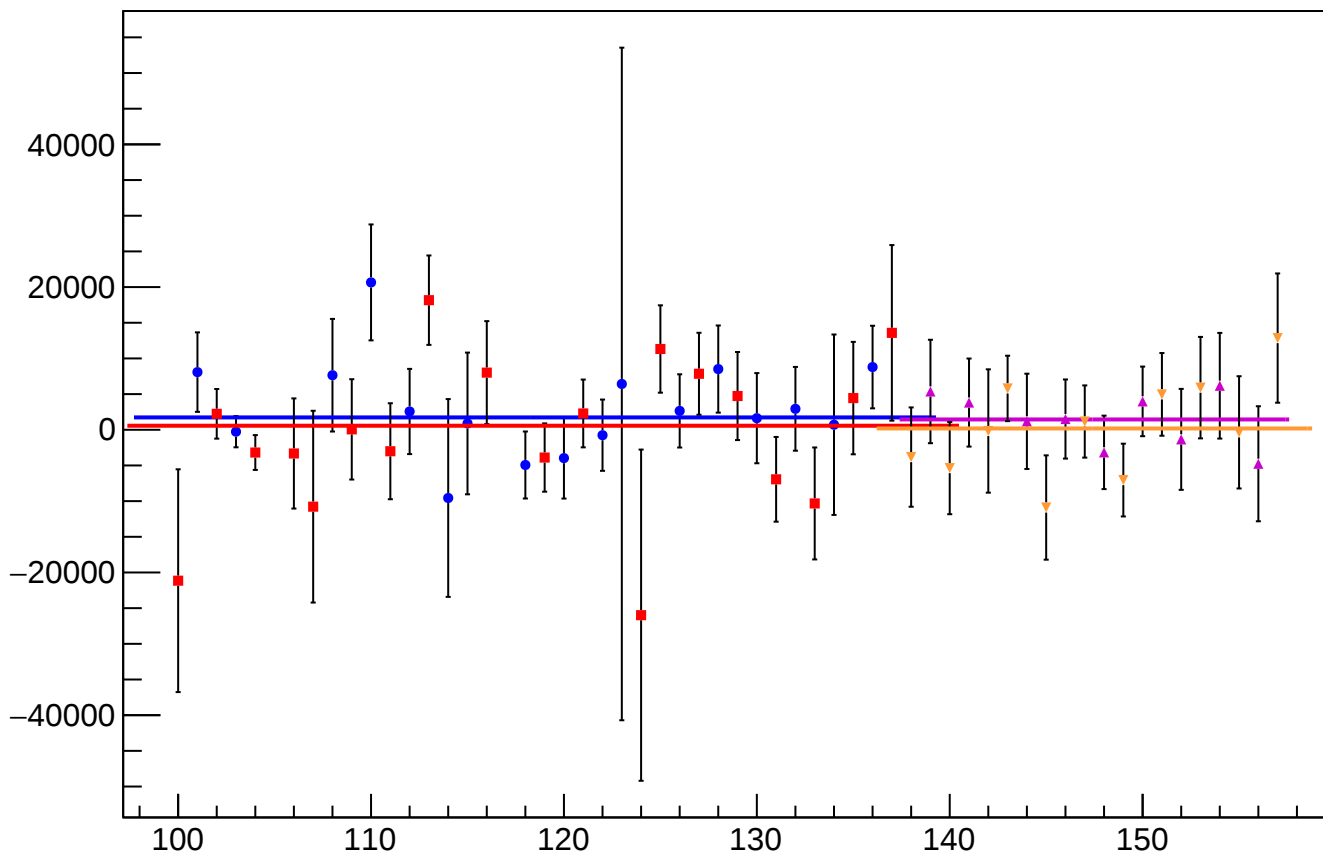
Right: 756.584 +/- 0.242 χ^2/NDF : 17758209.4/35

In: 1162.783 +/- 0.363 χ^2/NDF : 17930314.4/25

Out: 853.365 +/- 0.268 χ^2/NDF : 20348499.9/29

All: 962.133 +/- 0.215 χ^2/NDF : 38748787.5/55

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 184.048+/-1890.812 χ^2/NDF :10.2/10

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

Left In: 1446.373+/-2068.798 χ^2/NDF :2.7/8

Left: 758.583+/-1395.695 χ^2/NDF : 13.1/19

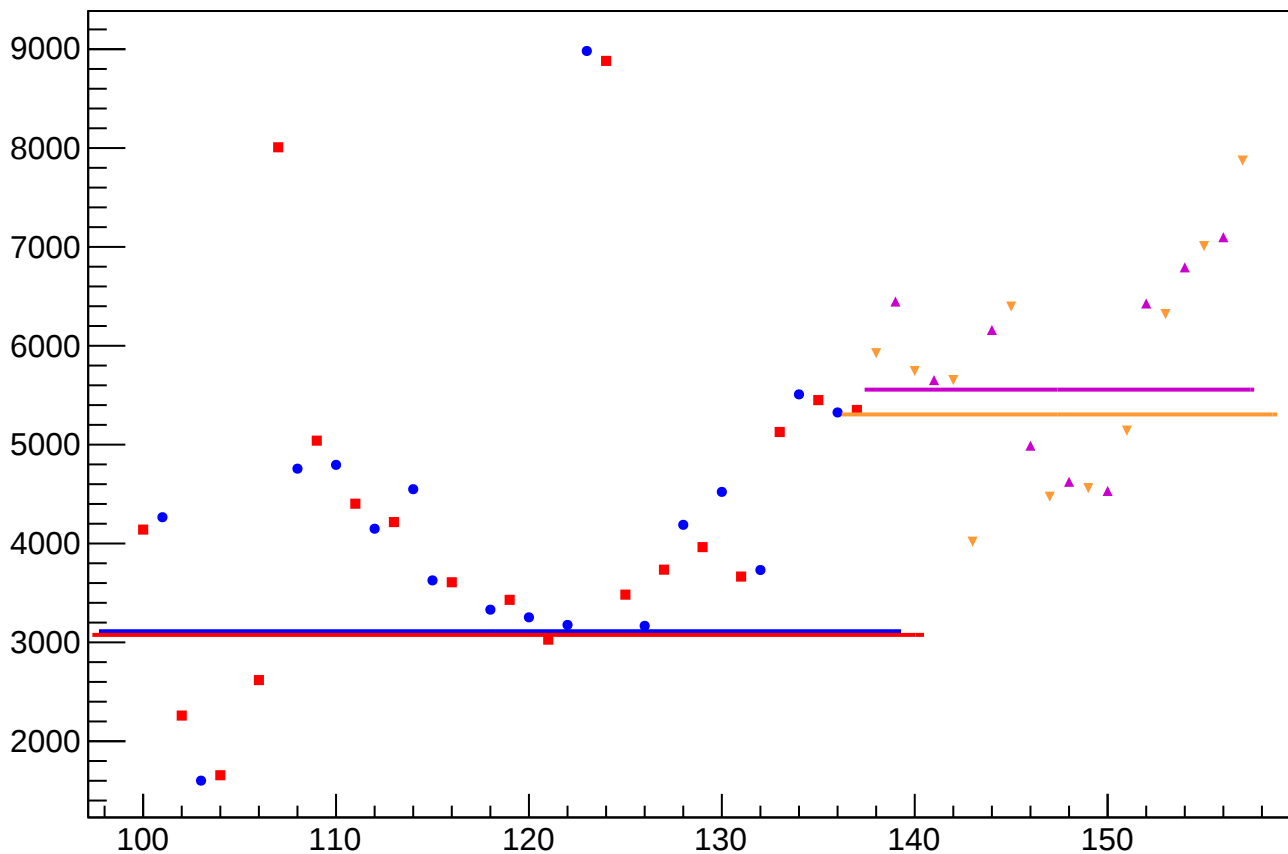
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1651.643+/-1103.512 χ^2/NDF :17.6/25

Out: 445.898+/-1063.538 χ^2/NDF :37.3/29

All: 1026.536+/-765.777 χ^2/NDF : 55.5/55

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5305.372 $\pm$ 1.337 χ^2 /NDF: 624100.3/10

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

Left In: 5556.404 $\pm$ 1.463 χ^2 /NDF: 381168.1/8

Left: 5419.626 $\pm$ 0.987 χ^2 /NDF: 1021313.3/19

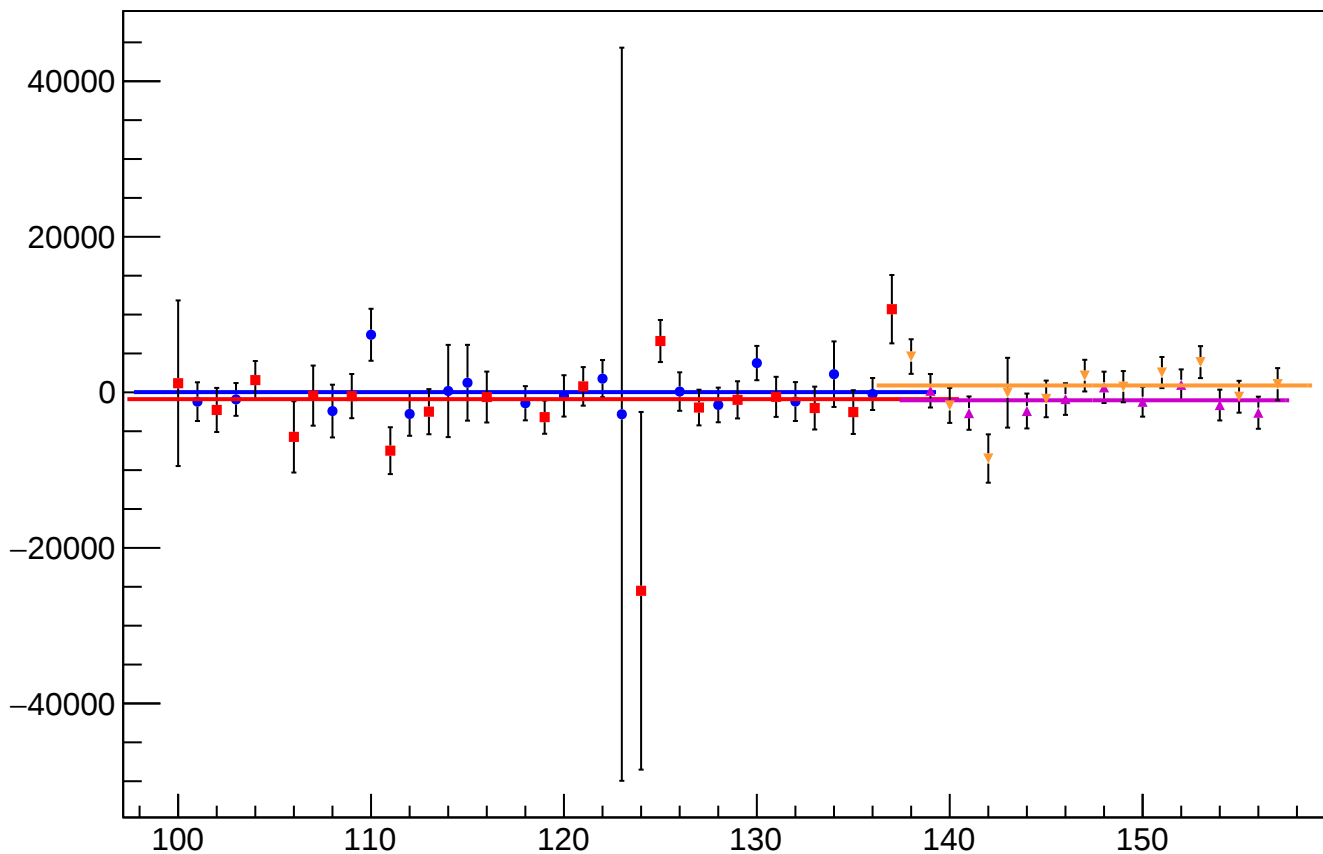
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 3807.976 $\pm$ 0.780 χ^2 /NDF: 4262286.7/25

Out: 3767.134 $\pm$ 0.745 χ^2 /NDF: 4553757.8/29

All: 3786.598 $\pm$ 0.539 χ^2 /NDF: 8817478.5/55

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 885.851 ± 676.960 χ^2/NDF : 17.5/10

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

Left In: -1021.801 ± 684.154 χ^2/NDF : 3.7/8

Left: -57.892 ± 481.206 χ^2/NDF : 25.1/19

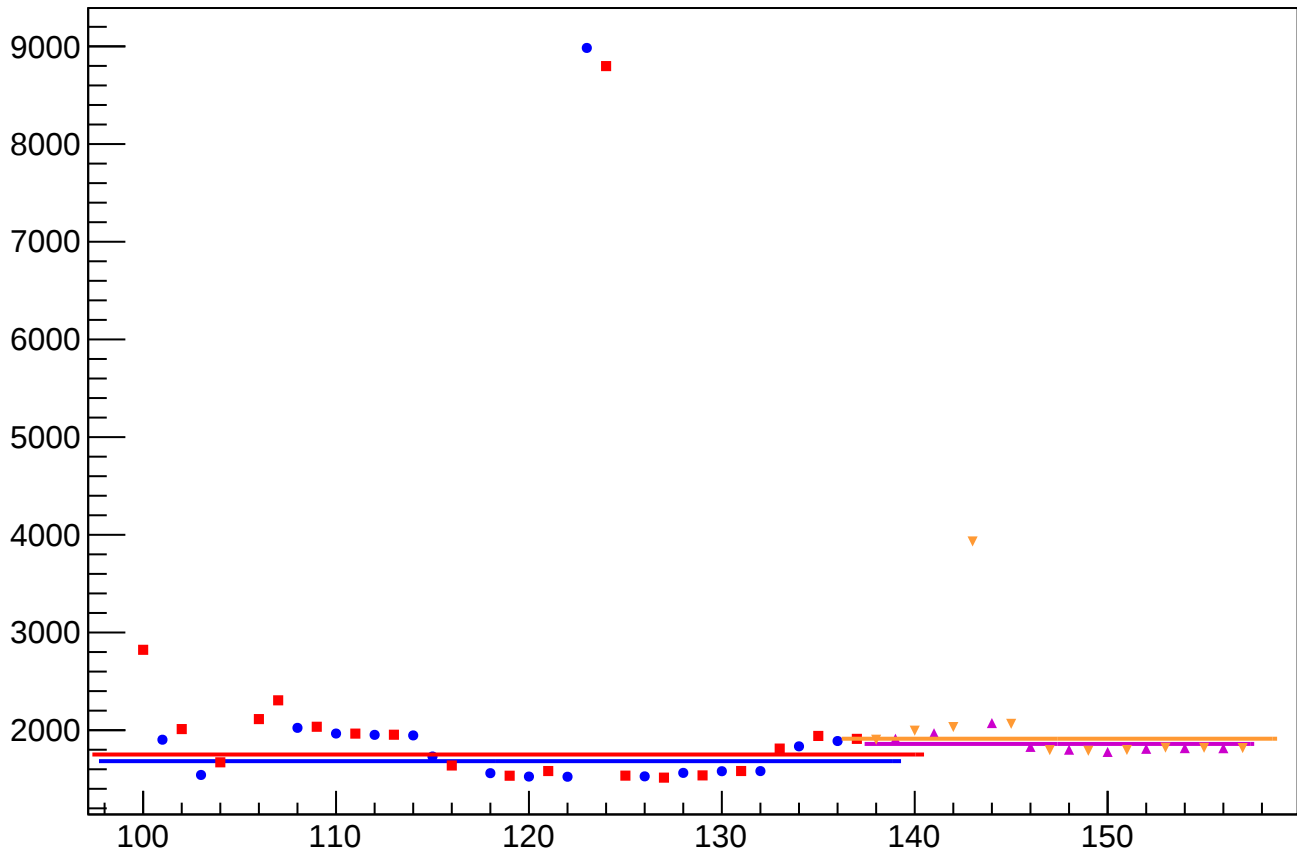
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -476.200 ± 474.404 χ^2/NDF : 16.7/25

Out: 0.884 ± 477.374 χ^2/NDF : 46.6/29

All: -239.147 ± 336.499 χ^2/NDF : 63.8/55

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1912.770+/-0.479 χ^2/NDF : 452293.5/10

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

Left In: 1859.364+/-0.484 χ^2/NDF : 33536.9/8

Left: 1886.349+/-0.340 χ^2/NDF : 491988.4/19

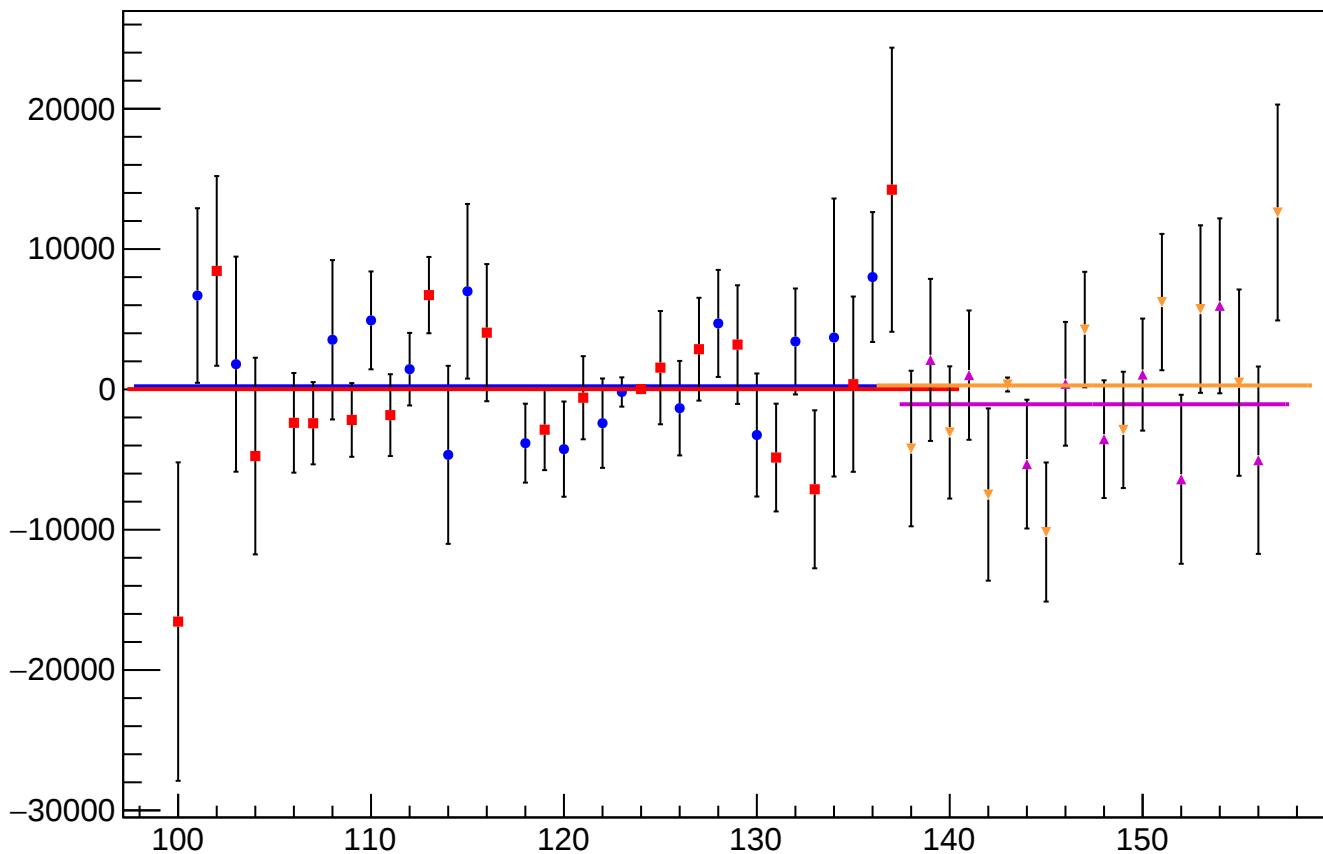
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1767.865+/-0.335 χ^2/NDF : 298297.5/25

Out: 1831.308+/-0.337 χ^2/NDF : 936844.1/29

All: 1799.424+/-0.238 χ^2/NDF : 1252934.4/55

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 282.514 $\pm$ 477.628 χ^2 /NDF:13.6/10

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

Left In: -1059.592 $\pm$ 1640.996 χ^2 /NDF:4.5/8

Left: 177.696 $\pm$ 458.598 χ^2 /NDF: 18.8/19

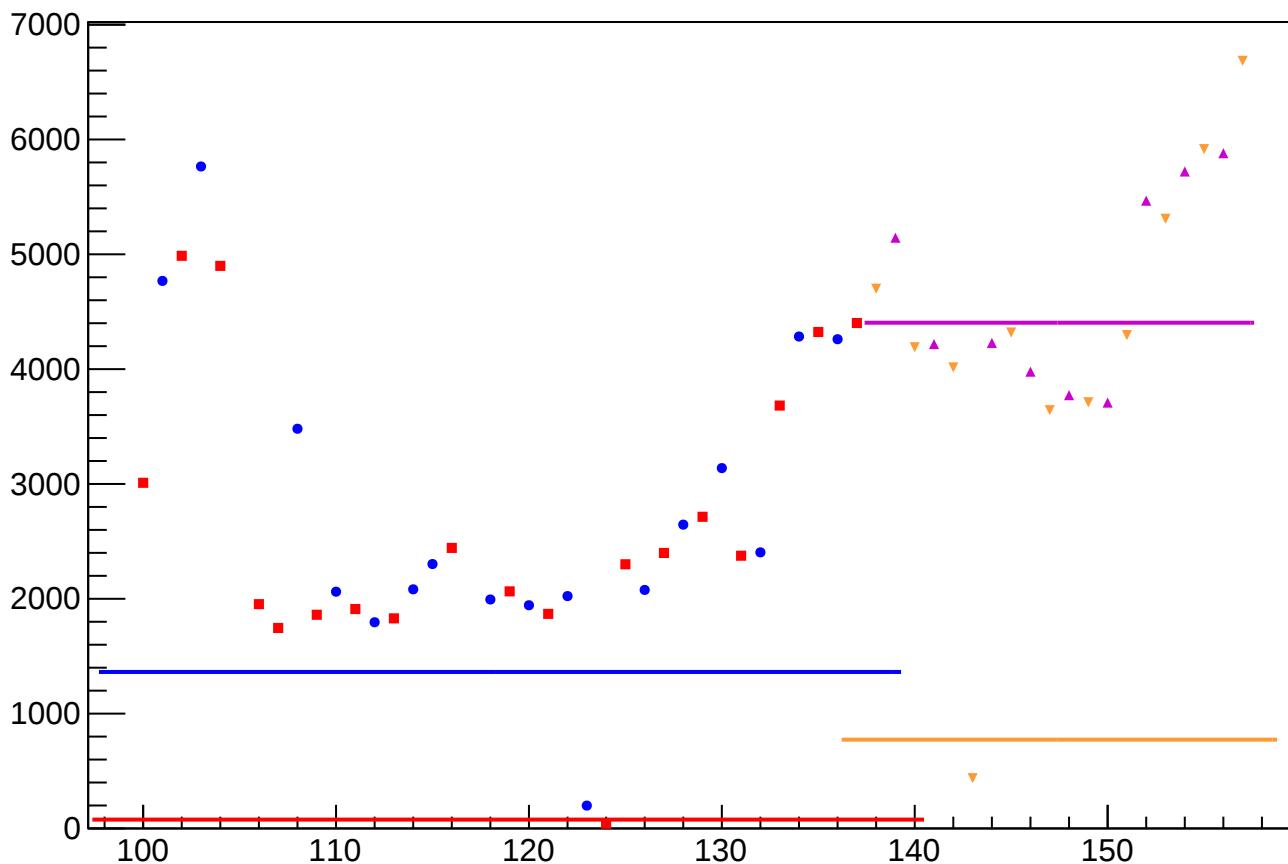
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 12.833 $\pm$ 660.031 χ^2 /NDF:20.8/25

Out: 34.433 $\pm$ 111.005 χ^2 /NDF:34.6/29

All: 33.839 $\pm$ 109.467 χ^2 /NDF: 55.5/55

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 773.299 $\pm$ 0.338 χ^2 /NDF: 11102713.1/10

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

Left In: 4404.181 $\pm$ 1.160 χ^2 /NDF: 413094.1/8

Left: 1056.869 $\pm$ 0.324 χ^2 /NDF: 20542386.4/19

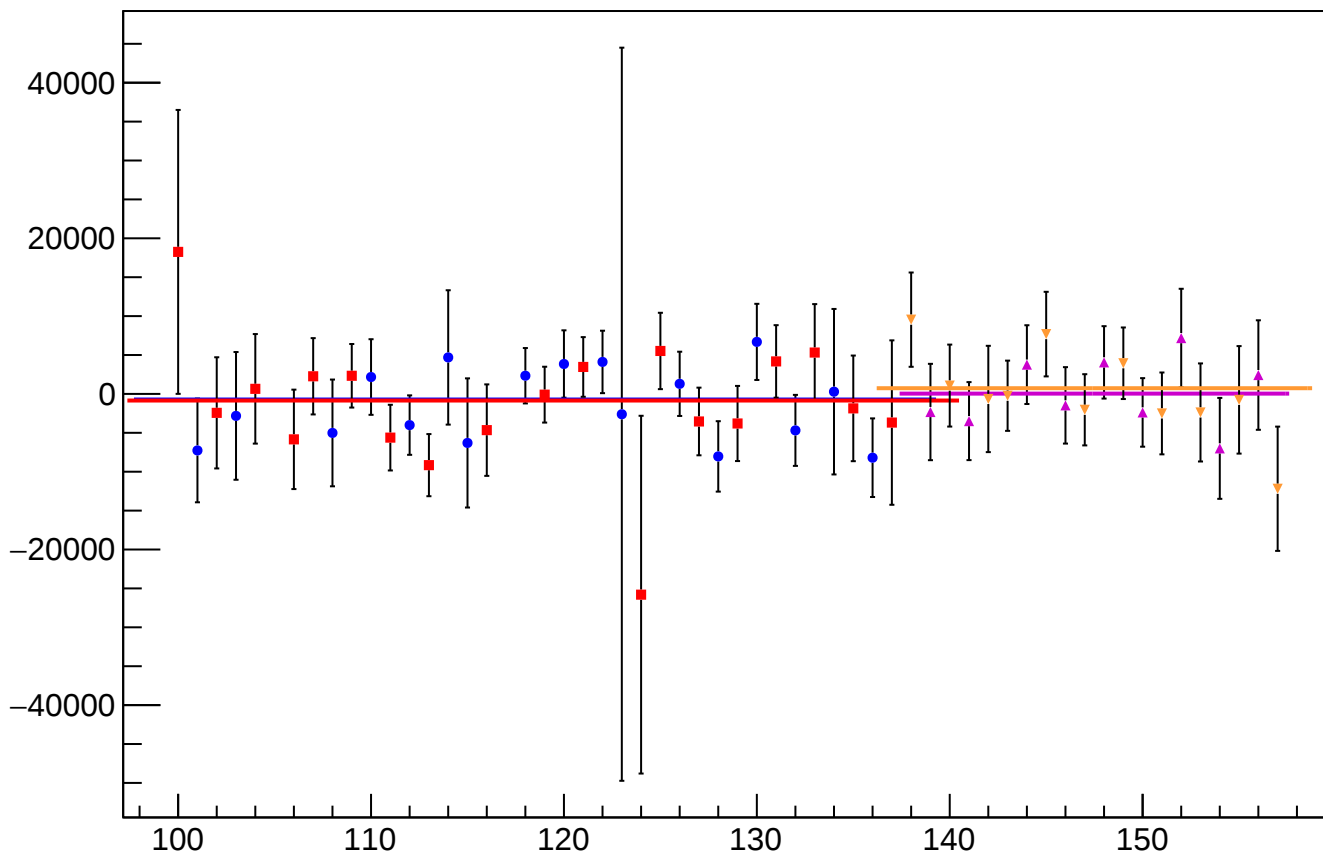
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 1854.857 $\pm$ 0.467 χ^2 /NDF: 12407379.8/25

Out: 114.731 $\pm$ 0.078 χ^2 /NDF: 28370205.0/29

All: 162.596 $\pm$ 0.077 χ^2 /NDF: 54296728.9/55

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 732.642+/-1665.293 χ^2/NDF : 8.0/10

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

Left In: 38.358+/-1787.717 χ^2/NDF : 4.9/8

Left: 410.084+/-1218.523 χ^2/NDF : 13.0/19

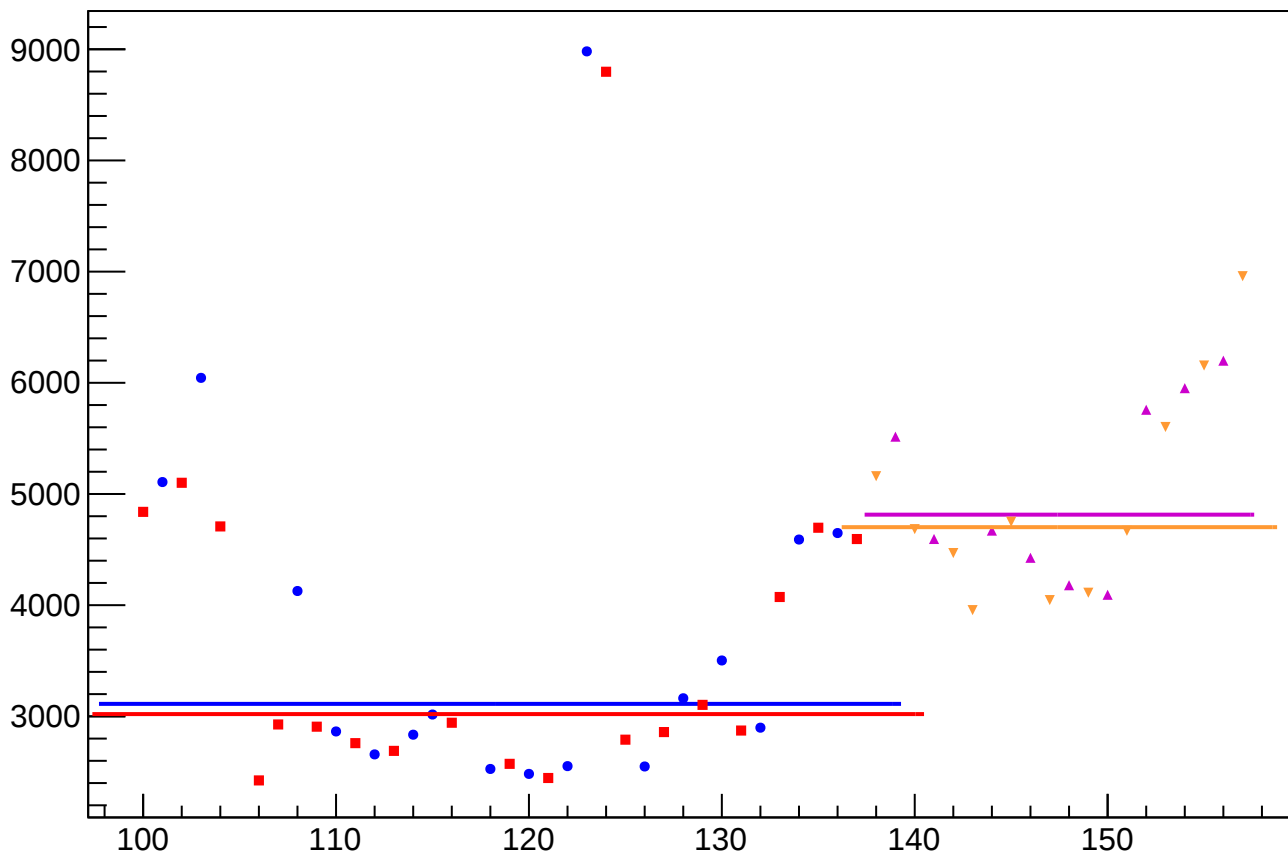
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -471.303+/-1025.802 χ^2/NDF : 19.8/25

Out: -313.786+/-969.230 χ^2/NDF : 24.6/29

All: -388.081+/-704.500 χ^2/NDF : 44.4/55

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4701.614+/-1.178 χ^2/NDF : 431873.4/10

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

Left In: 4814.082+/-1.264 χ^2/NDF : 317580.3/8

Left: 4753.866+/-0.862 χ^2/NDF : 753691.9/19

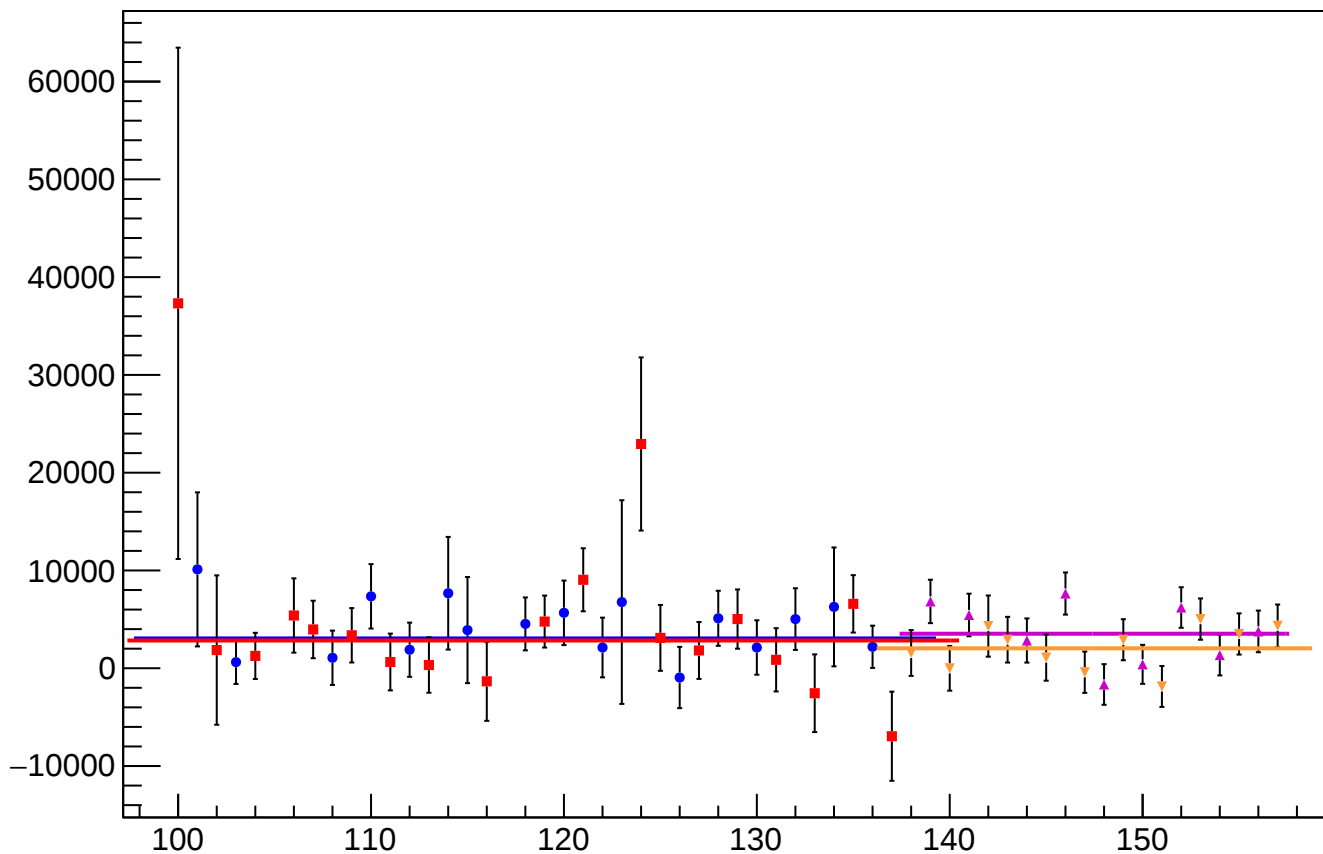
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3672.567+/-0.725 χ^2/NDF : 2491802.1/25

Out: 3580.465+/-0.680 χ^2/NDF : 2585483.4/29

All: 3623.524+/-0.496 χ^2/NDF : 5085870.7/55

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2038.146 $\pm$ 677.577 χ^2 /NDF:10.3/10

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

Left In: 3530.881 $\pm$ 708.401 χ^2 /NDF:18.2/8

Left: 2751.332 $\pm$ 489.654 χ^2 /NDF: 30.8/19

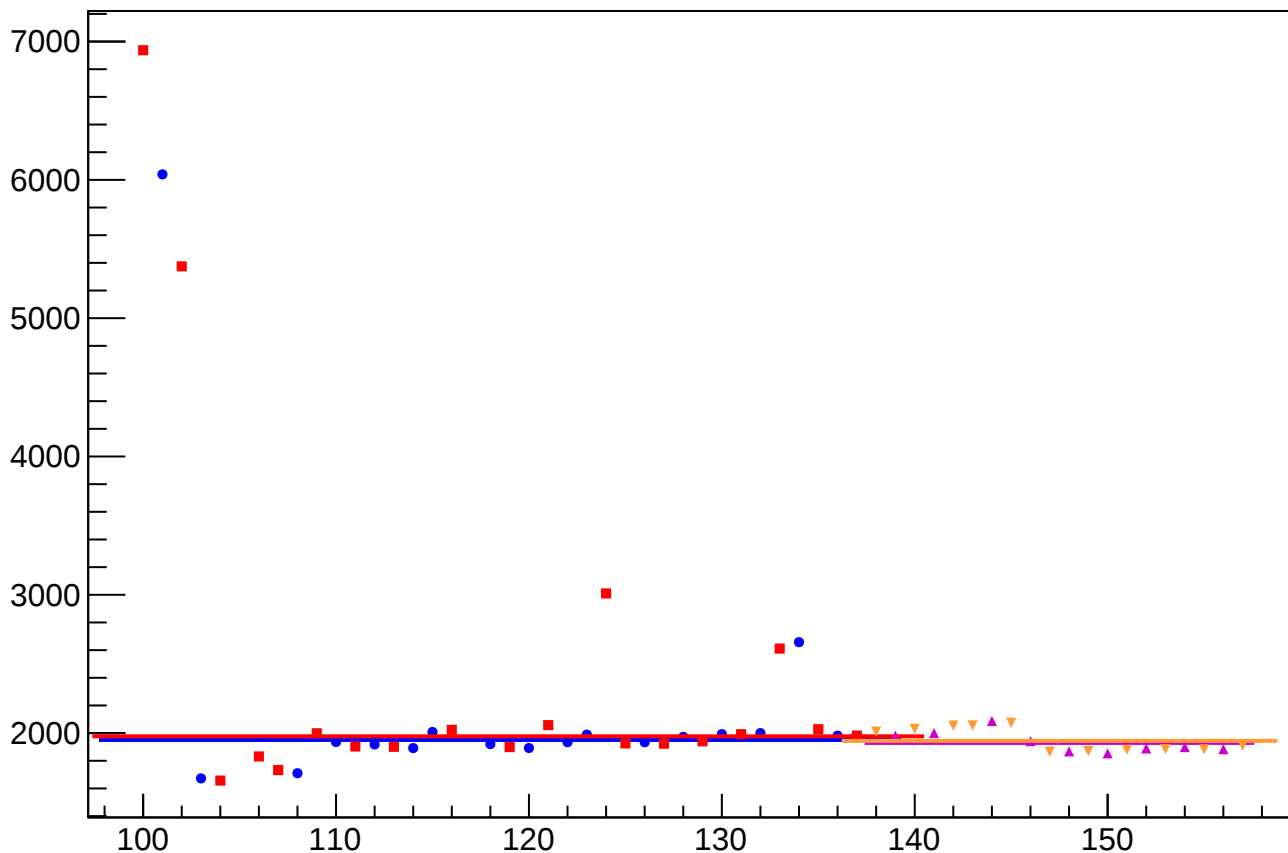
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

In: 3310.742 $\pm$ 522.052 χ^2 /NDF:27.7/25

Out: 2389.641 $\pm$ 507.482 χ^2 /NDF:34.7/29

All: 2837.158 $\pm$ 363.886 χ^2 /NDF: 64.0/55

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1944.243+/-0.479 χ^2/NDF : 28587.4/10

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

Left In: 1929.319+/-0.501 χ^2/NDF : 19887.1/8

Left: 1937.113+/-0.346 χ^2/NDF : 48938.0/19

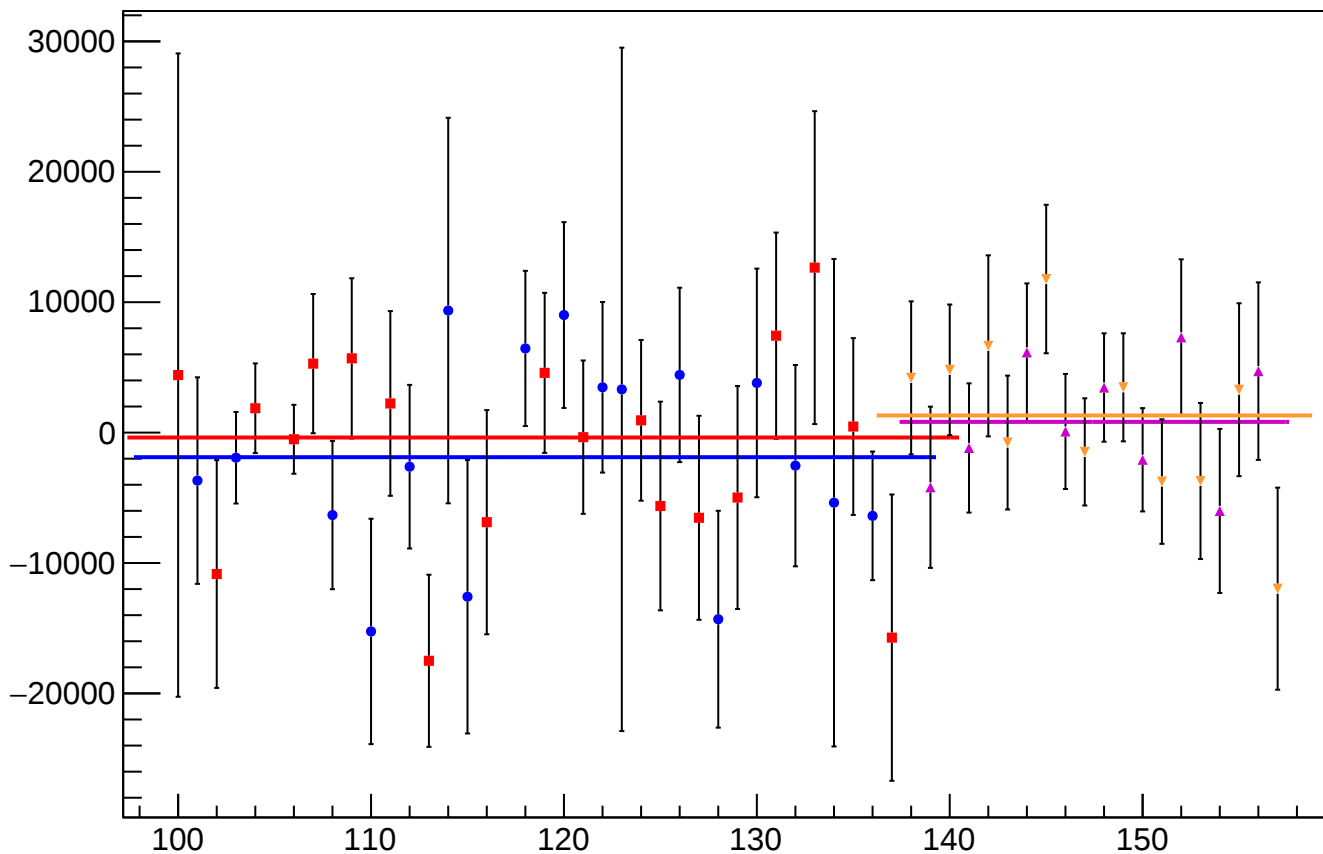
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1939.085+/-0.369 χ^2/NDF : 635884.1/25

Out: 1958.626+/-0.359 χ^2/NDF : 638345.0/29

All: 1949.134+/-0.257 χ^2/NDF : 1275670.3/55

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1313.165 $\pm$ 1607.308 χ^2/NDF : 10.5/10

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

Left In: 821.631 $\pm$ 1689.014 χ^2/NDF : 5.5/8

Left: 1079.574 $\pm$ 1164.352 χ^2/NDF : 16.0/19

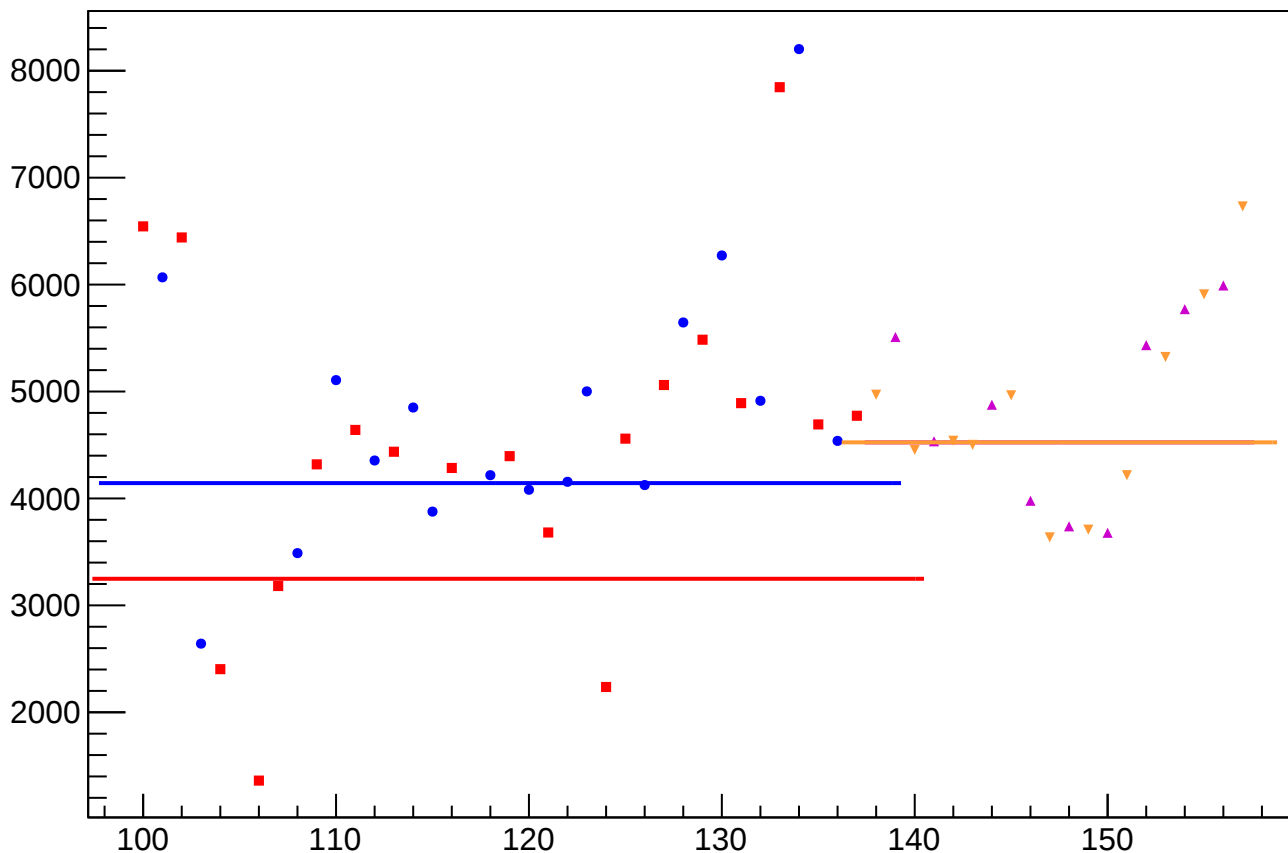
Right: -983.372 $\pm$ 1051.324 χ^2/NDF : 32.2/35

In: -556.925 $\pm$ 1183.188 χ^2/NDF : 20.9/25

Out: 328.037 $\pm$ 1038.044 χ^2/NDF : 28.7/29

All: -56.863 $\pm$ 780.307 χ^2/NDF : 49.9/55

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4524.578+/-1.137 χ^2/NDF : 488285.9/10

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

Left In: 4524.268+/-1.194 χ^2/NDF : 470568.1/8

Left: 4524.431+/-0.823 χ^2/NDF : 958854.0/19

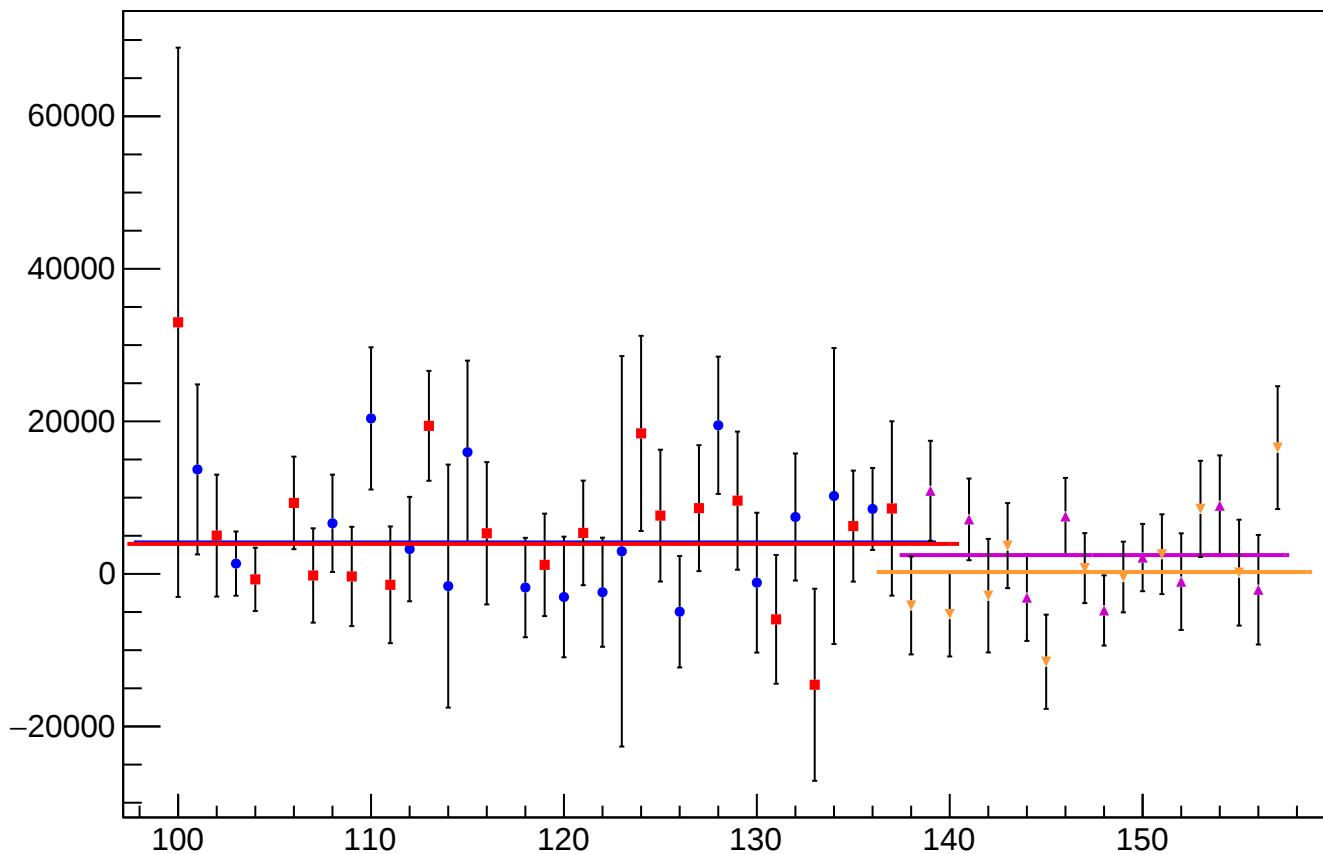
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4330.343+/-0.837 χ^2/NDF : 1378311.4/25

Out: 3780.822+/-0.734 χ^2/NDF : 3840734.2/29

All: 4019.827+/-0.552 χ^2/NDF : 5462821.3/55

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 245.761 $\pm$ 1753.952 χ^2 /NDF: 11.7/10

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

Left In: 2467.425 $\pm$ 1844.046 χ^2 /NDF: 8.5/8

Left: 1300.997 $\pm$ 1270.889 χ^2 /NDF: 21.0/19

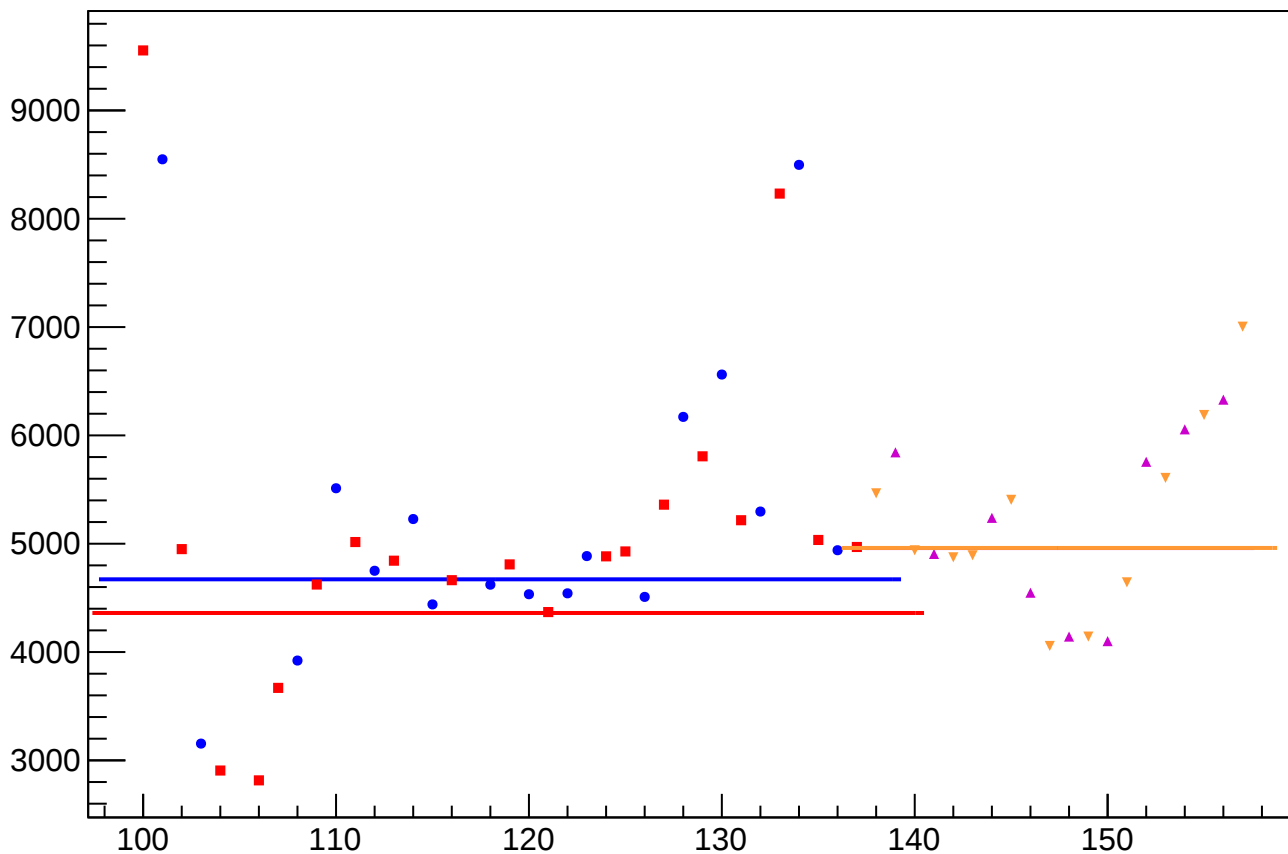
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3288.518 $\pm$ 1310.609 χ^2 /NDF: 22.6/25

Out: 2119.708 $\pm$ 1230.049 χ^2 /NDF: 28.8/29

All: 2667.089 $\pm$ 896.904 χ^2 /NDF: 51.9/55

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4960.897+/-1.240 χ^2/NDF : 383051.6/10

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

Left In: 4960.050+/-1.304 χ^2/NDF : 352905.1/8

Left: 4960.495+/-0.899 χ^2/NDF : 735956.9/19

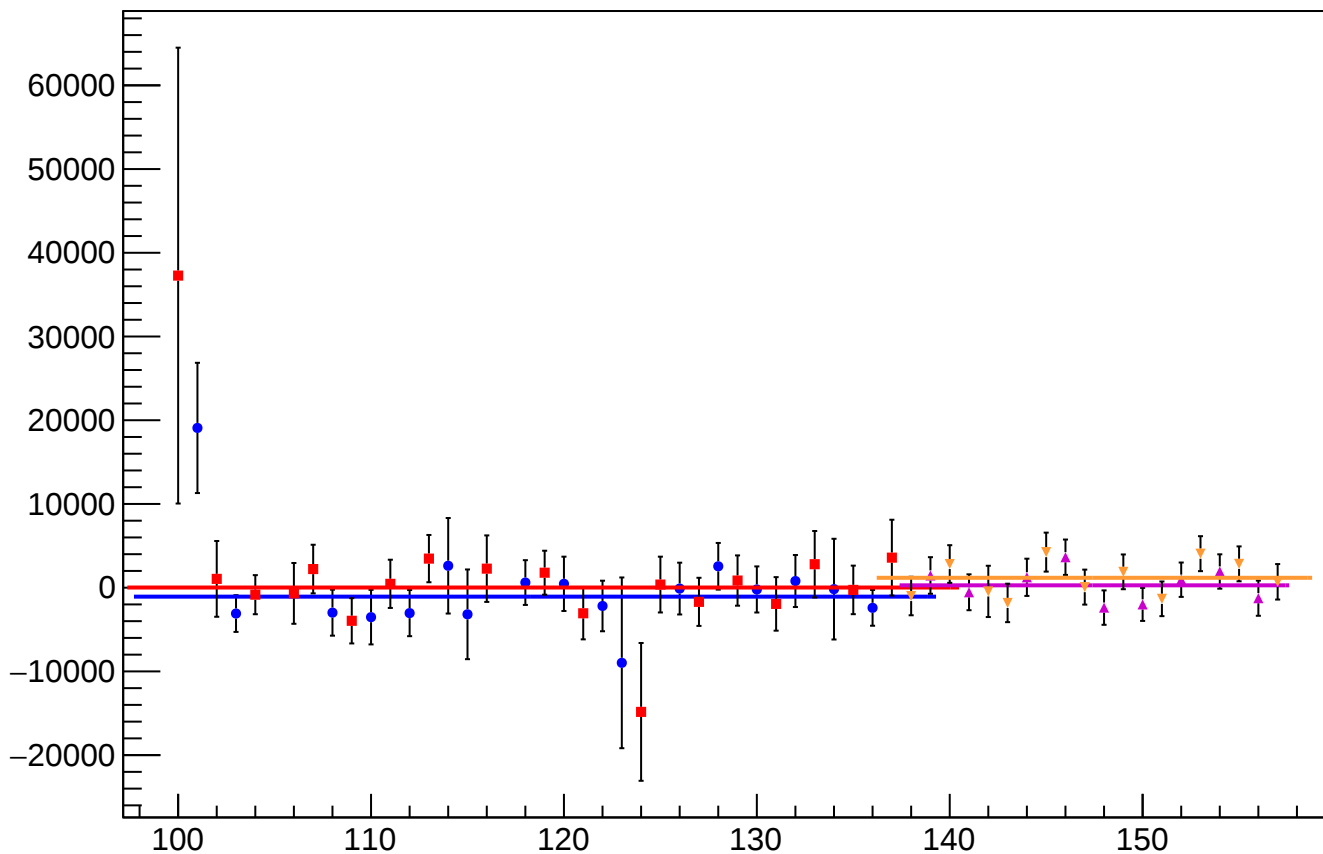
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4817.165+/-0.927 χ^2/NDF : 1163281.1/25

Out: 4654.067+/-0.867 χ^2/NDF : 1336934.1/29

All: 4730.210+/-0.633 χ^2/NDF : 2516728.4/55

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1180.017+/-667.388 χ^2/NDF : 9.6/10

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

Left In: 280.972+/-698.713 χ^2/NDF : 7.4/8

Left: 751.099+/-482.609 χ^2/NDF : 17.9/19

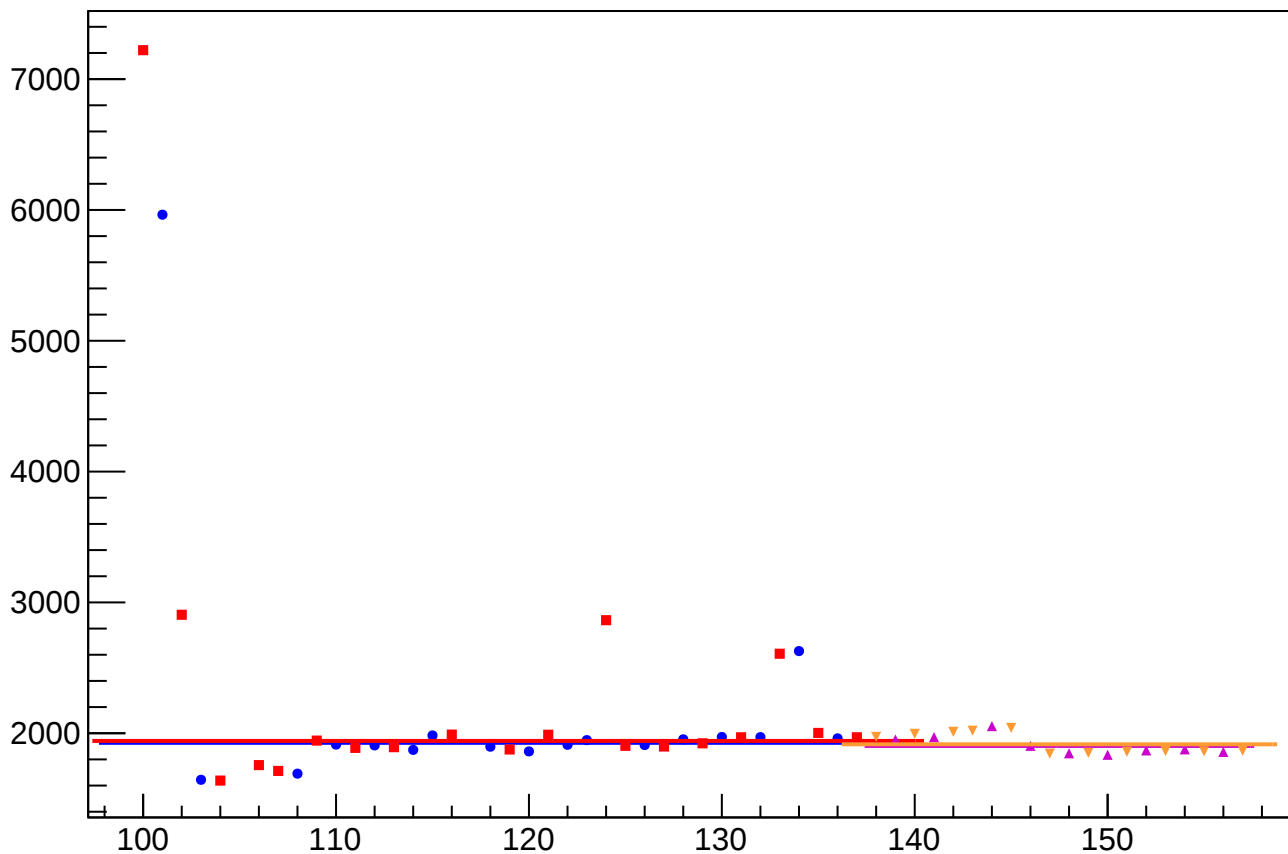
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -335.809+/-515.287 χ^2/NDF : 22.9/25

Out: 665.372+/-497.929 χ^2/NDF : 24.3/29

All: 181.928+/-358.068 χ^2/NDF : 49.1/55

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1915.303+/-0.472 χ^2/NDF : 25102.9/10

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

Left In: 1903.169+/-0.494 χ^2/NDF : 17916.9/8

Left: 1909.514+/-0.341 χ^2/NDF : 43335.2/19

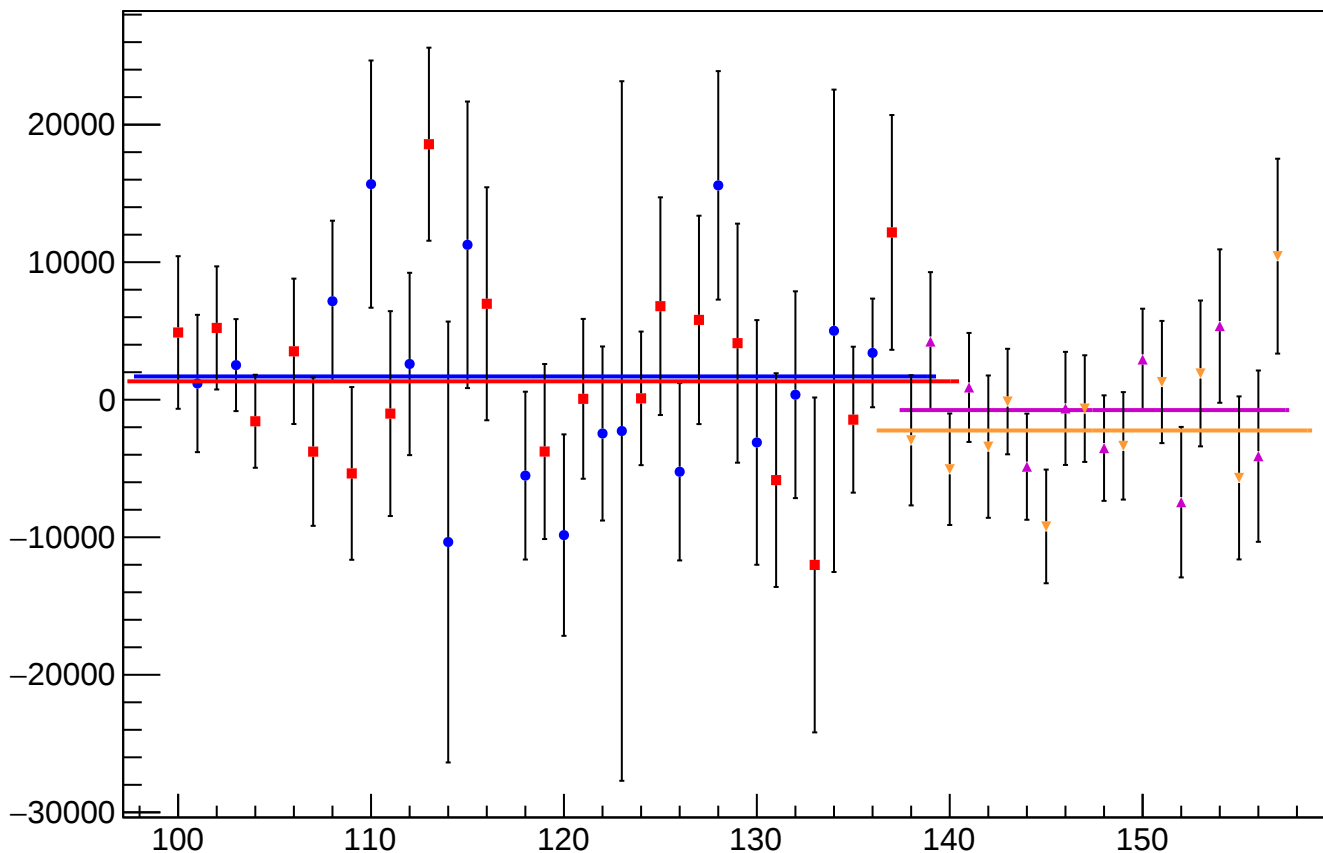
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1913.989+/-0.364 χ^2/NDF : 636084.6/25

Out: 1926.821+/-0.352 χ^2/NDF : 330812.8/29

All: 1920.627+/-0.253 χ^2/NDF : 967539.0/55

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2235.595+/-1365.866 χ^2/NDF : 8.7/10

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

Left In: -753.325+/-1471.351 χ^2/NDF : 6.8/8

Left: -1549.494+/-1001.029 χ^2/NDF : 16.1/19

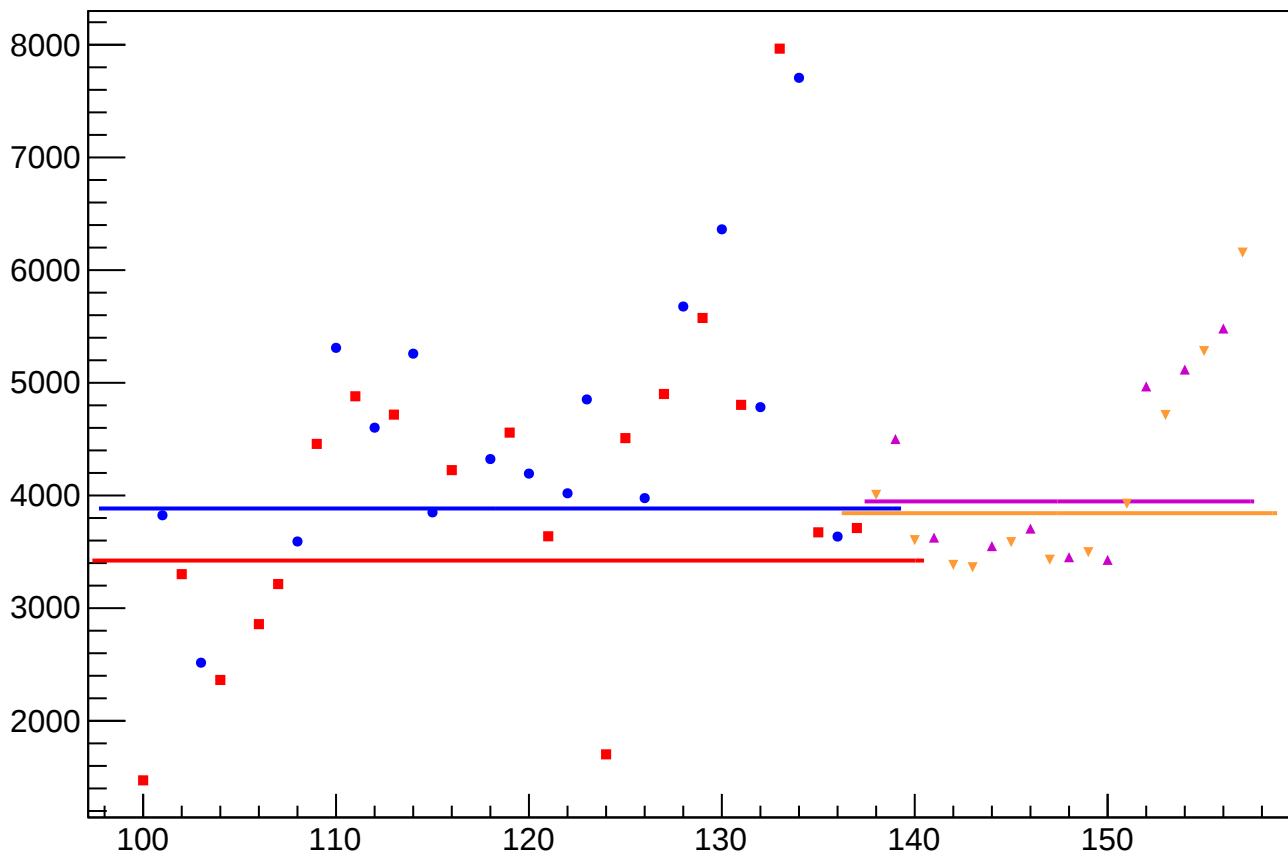
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 405.131+/-1067.757 χ^2/NDF : 21.7/25

Out: -452.813+/-966.921 χ^2/NDF : 28.5/29

All: -66.256+/-716.721 χ^2/NDF : 50.5/55

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3842.933+/-0.966 χ^2/NDF : 488121.3/10

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

Left In: 3947.375+/-1.040 χ^2/NDF : 417029.2/8

Left: 3891.276+/-0.708 χ^2/NDF : 910563.3/19

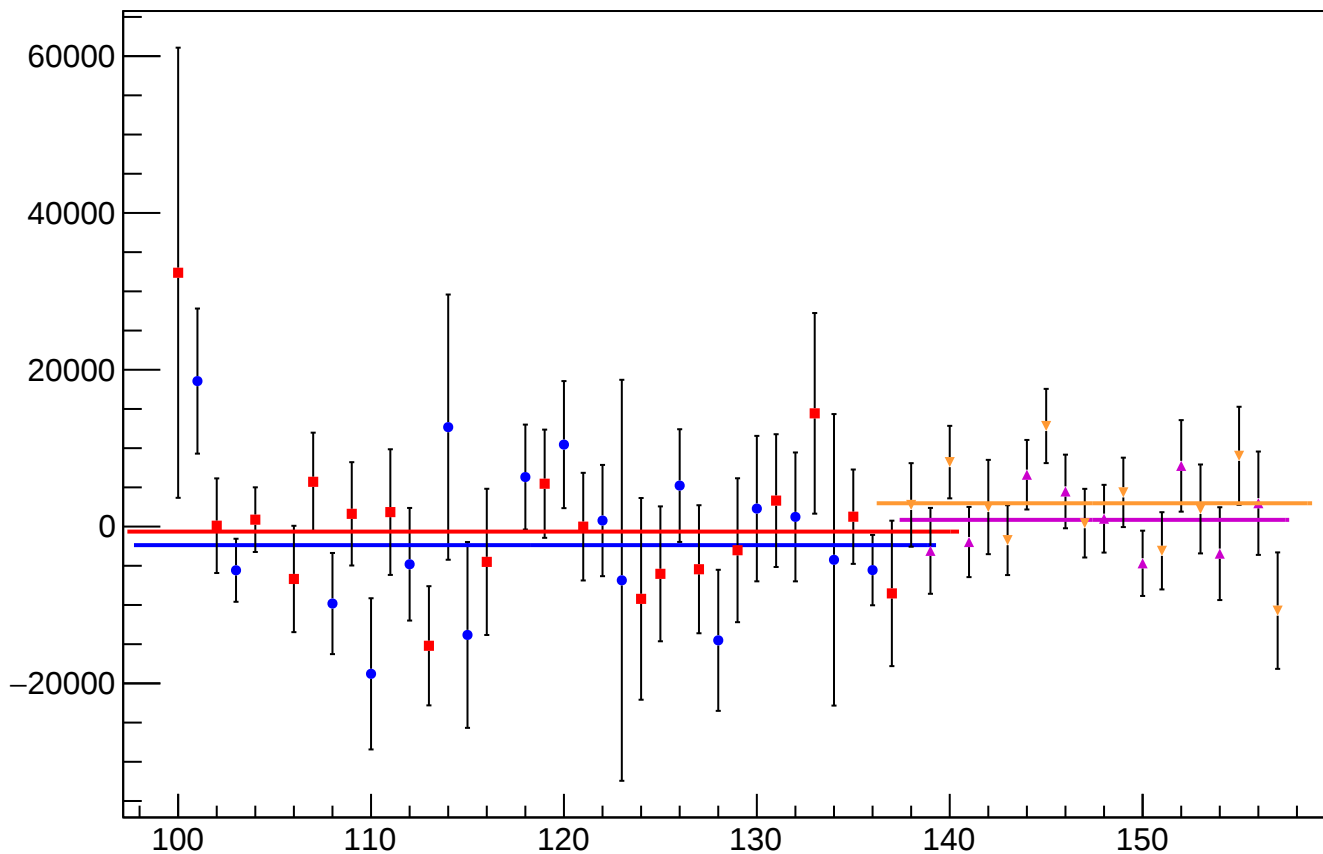
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 3917.661+/-0.755 χ^2/NDF : 1245316.1/25

Out: 3633.263+/-0.684 χ^2/NDF : 2172892.4/29

All: 3761.402+/-0.507 χ^2/NDF : 3496165.5/55

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 2973.276 $\pm$ 1536.035 χ^2 /NDF:13.0/10

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

Left In: 856.484 $\pm$ 1640.415 χ^2 /NDF:7.0/8

Left: 1984.364 $\pm$ 1121.227 χ^2 /NDF: 20.9/19

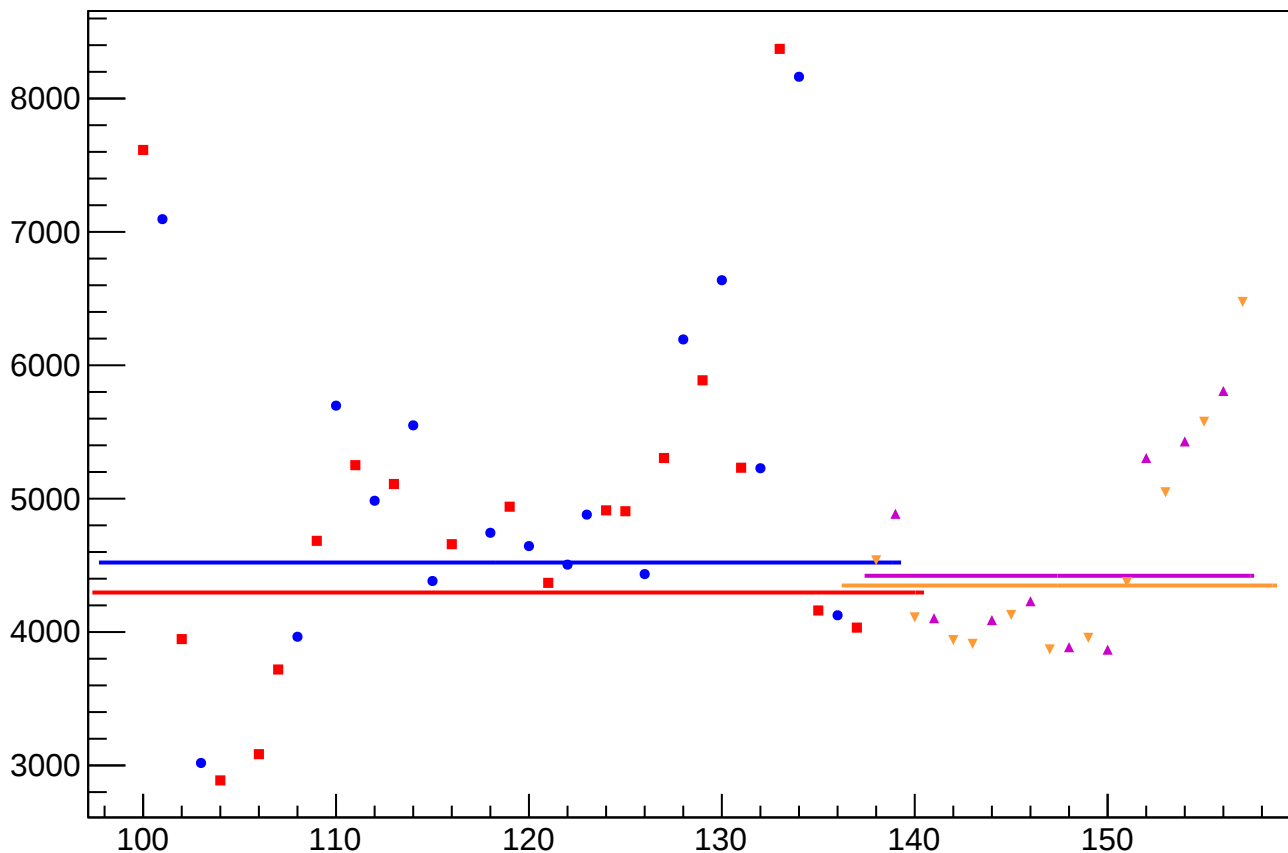
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -604.572 $\pm$ 1213.043 χ^2 /NDF:28.9/25

Out: 1338.453 $\pm$ 1136.734 χ^2 /NDF:27.4/29

All: 429.974 $\pm$ 829.458 χ^2 /NDF: 57.6/55

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4348.788+/-1.086 χ^2/NDF : 351759.4/10

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

Left In: 4421.863+/-1.160 χ^2/NDF : 297131.5/8

Left: 4382.927+/-0.793 χ^2/NDF : 651005.6/19

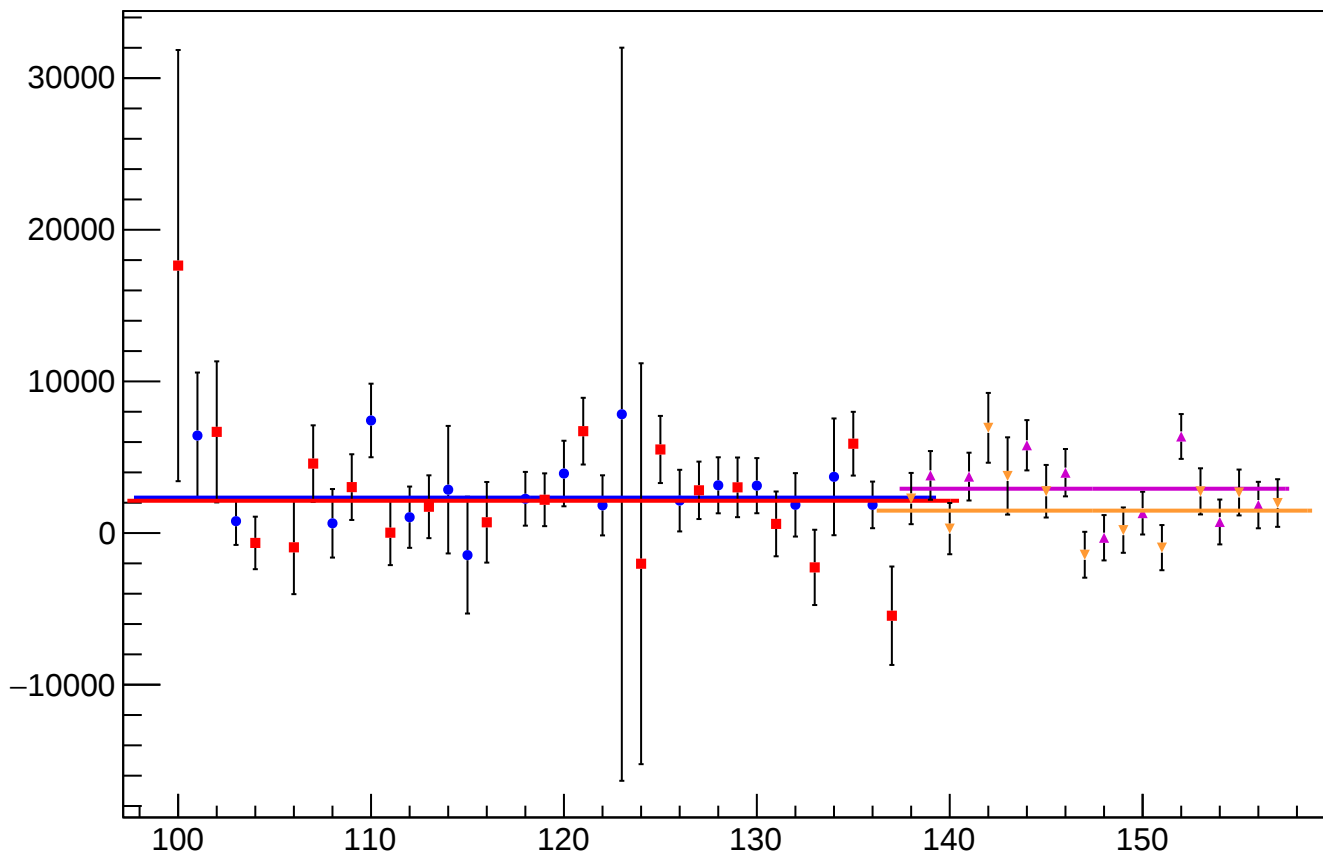
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4466.894+/-0.858 χ^2/NDF : 1079132.2/25

Out: 4324.984+/-0.802 χ^2/NDF : 1126025.2/29

All: 4391.157+/-0.586 χ^2/NDF : 2219765.6/55

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: 1478.290 $\pm$ 500.904 χ^2 /NDF:16.2/10

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

Left In: 2923.014 $\pm$ 509.336 χ^2 /NDF:18.1/8

Left: 2188.594 $\pm$ 357.137 χ^2 /NDF: 38.4/19

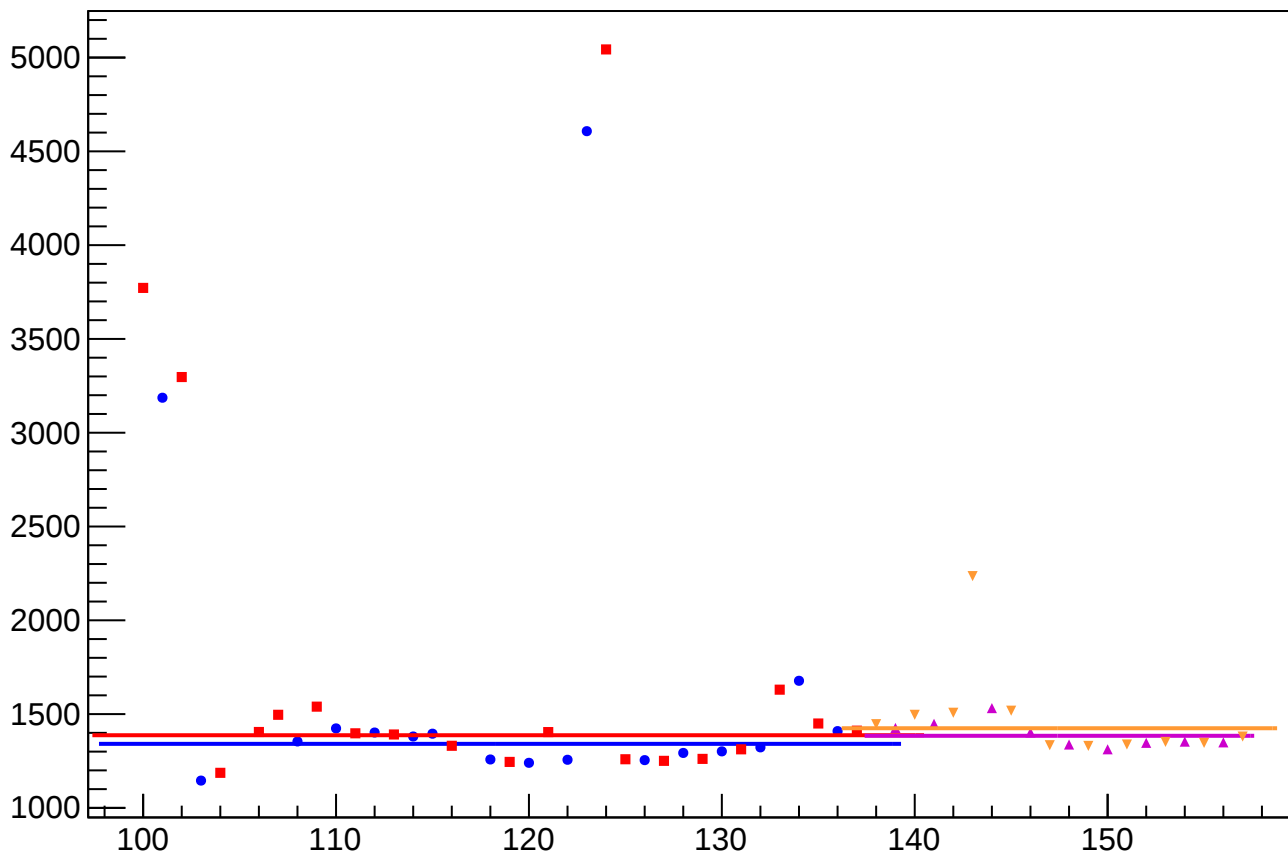
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2642.266 $\pm$ 367.619 χ^2 /NDF:28.4/25

Out: 1779.917 $\pm$ 366.992 χ^2 /NDF:44.6/29

All: 2210.355 $\pm$ 259.724 χ^2 /NDF: 75.7/55

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: 1424.597+/-0.354 χ^2/NDF : 248173.6/10

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

Left In: 1384.316+/-0.360 χ^2/NDF : 31121.2/8

Left: 1404.793+/-0.253 χ^2/NDF : 285653.8/19

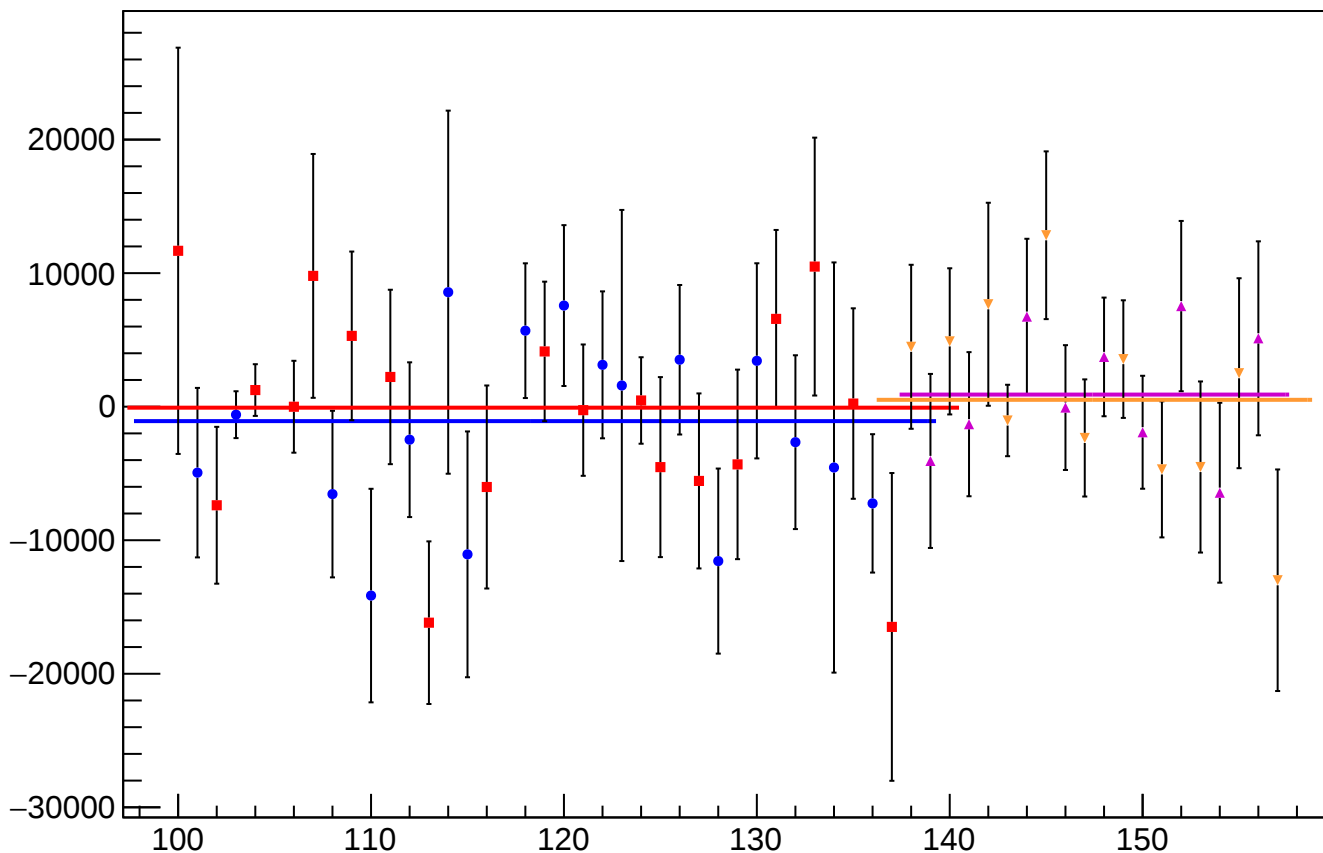
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1363.744+/-0.260 χ^2/NDF : 542203.7/25

Out: 1407.335+/-0.259 χ^2/NDF : 903492.5/29

All: 1385.581+/-0.184 χ^2/NDF : 1459783.4/55

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: 513.732 ± 1502.218 $\chi^2/\text{NDF}: 11.4/10$

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

Left In: 906.323 ± 1809.958 $\chi^2/\text{NDF}: 5.2/8$

Left: 673.863 ± 1155.943 $\chi^2/\text{NDF}: 16.7/19$

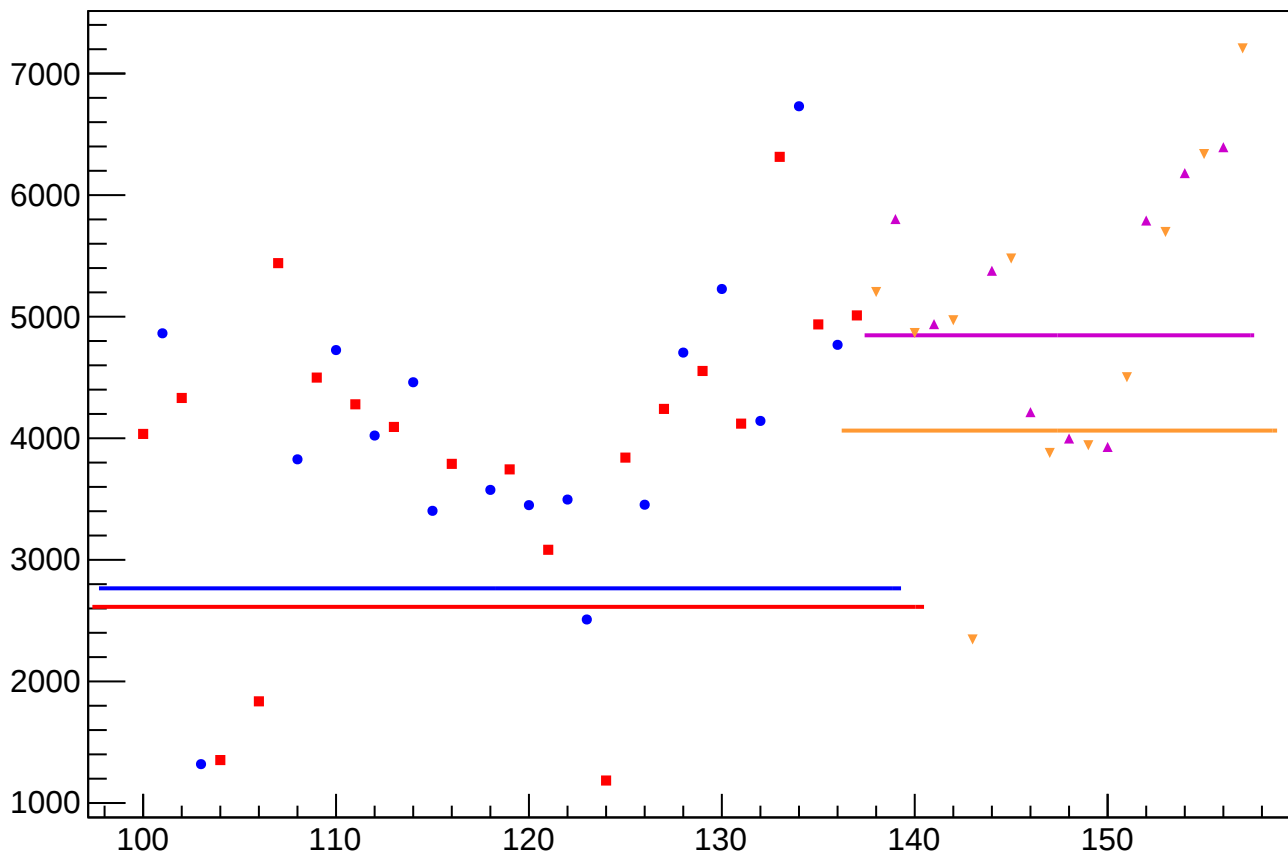
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -465.515 ± 1007.285 $\chi^2/\text{NDF}: 21.1/25$

Out: 137.420 ± 901.103 $\chi^2/\text{NDF}: 30.2/29$

All: -130.604 ± 671.590 $\chi^2/\text{NDF}: 51.4/55$

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: 4063.192+/-1.062 χ^2/NDF : 1708923.8/10

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

Left In: 4846.906+/-1.280 χ^2/NDF : 477166.5/8

Left: 4382.856+/-0.817 χ^2/NDF : 2408122.5/19

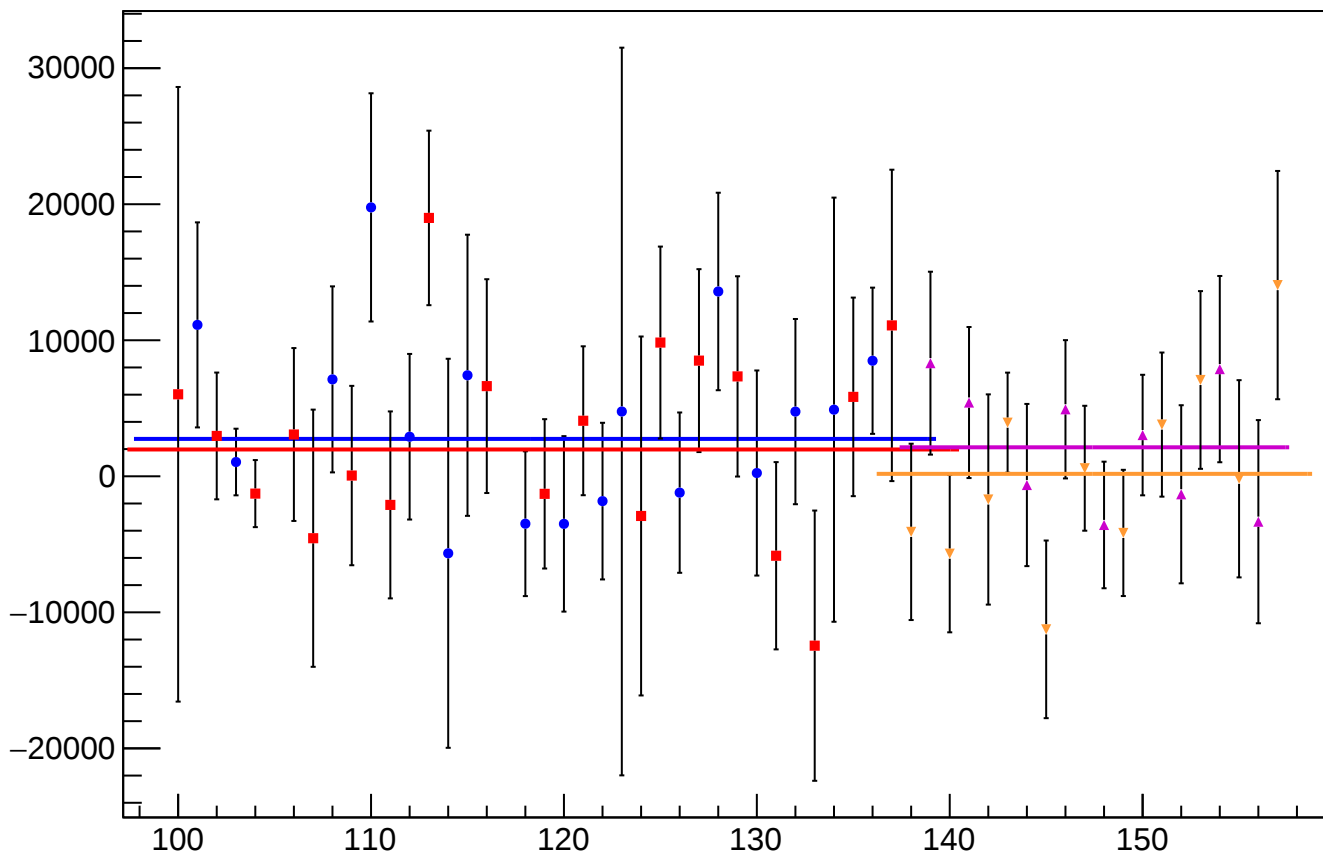
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3410.315+/-0.712 χ^2/NDF : 5241548.4/25

Out: 3135.041+/-0.637 χ^2/NDF : 6241451.1/29

All: 3257.409+/-0.475 χ^2/NDF : 11565968.1/5

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 179.324+/-1680.713 χ^2/NDF : 10.8/10

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

Left In: 2130.650+/-1885.869 χ^2/NDF : 4.8/8

Left: 1043.113+/-1254.731 χ^2/NDF : 16.2/19

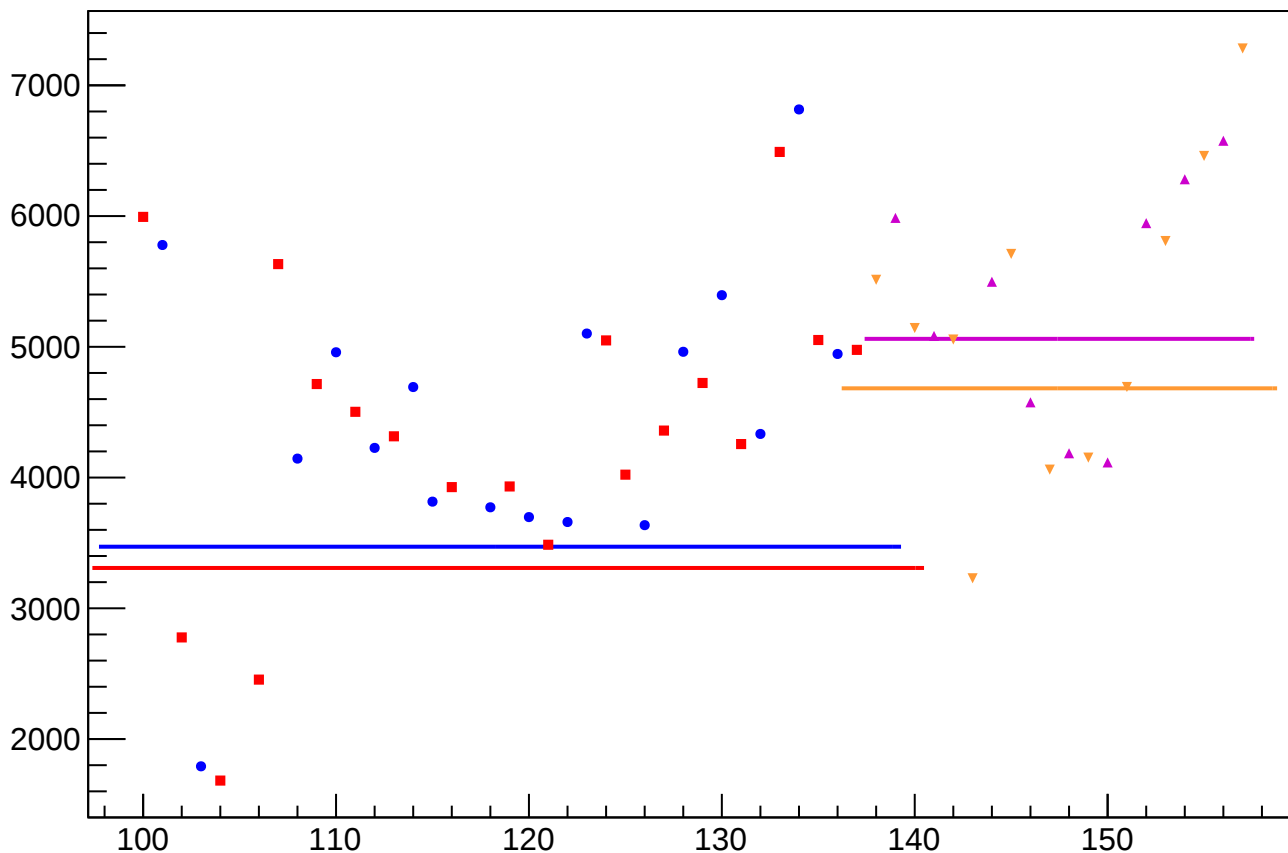
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2519.480+/-1147.825 χ^2/NDF : 18.6/25

Out: 1248.536+/-1067.333 χ^2/NDF : 29.3/29

All: 1837.886+/-781.626 χ^2/NDF : 48.6/55

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: 4682.504+/-1.188 χ^2/NDF : 846229.1/10

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

Left In: 5060.895+/-1.334 χ^2/NDF : 411167.2/8

Left: 4850.006+/-0.887 χ^2/NDF : 1302270.9/19

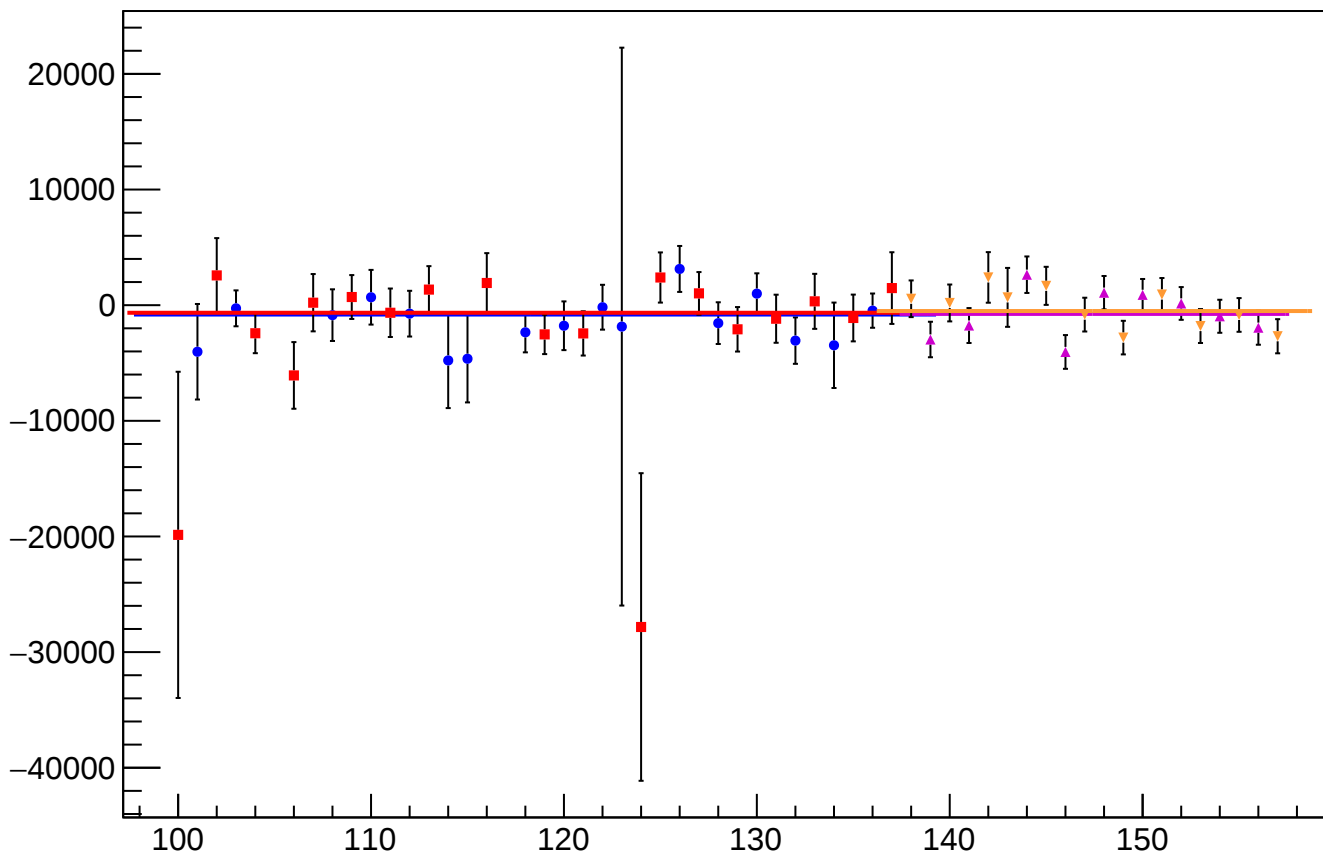
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4060.053+/-0.812 χ^2/NDF : 3073803.6/25

Out: 3856.589+/-0.751 χ^2/NDF : 3564043.9/29

All: 3950.383+/-0.551 χ^2/NDF : 6671721.6/55

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -507.507+/-479.372 χ^2/NDF :10.9/10

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

Left In: -754.668+/-488.180 χ^2/NDF :16.4/8

Left: -628.838+/-342.039 χ^2/NDF : 27.4/19

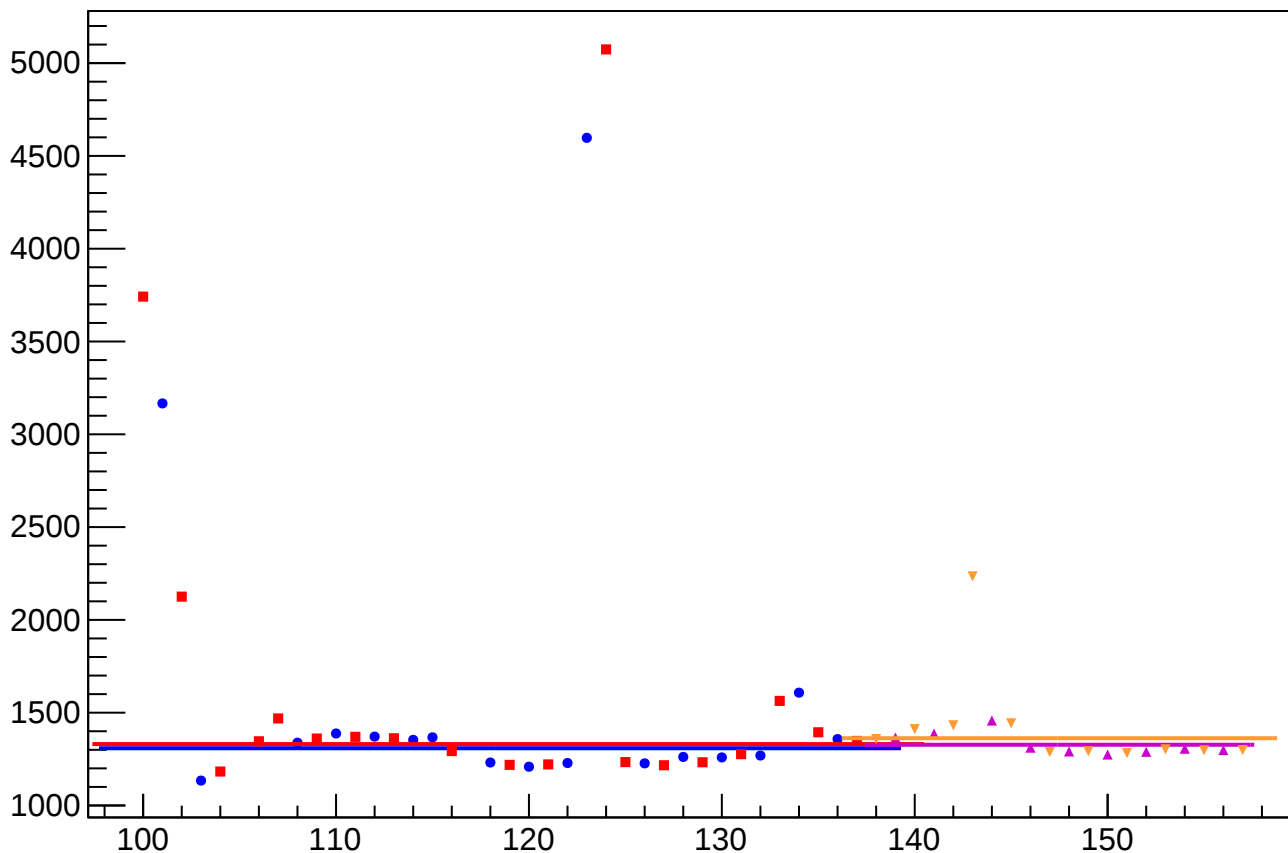
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -780.223+/-355.331 χ^2/NDF :27.6/25

Out: -576.614+/-350.757 χ^2/NDF :31.4/29

All: -677.100+/-249.624 χ^2/NDF : 59.1/55

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1362.504 $\pm$ 0.339 χ^2 /NDF: 270463.3/10

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

Left In: 1327.254 $\pm$ 0.345 χ^2 /NDF: 25208.7/8

Left: 1345.200 $\pm$ 0.242 χ^2 /NDF: 300980.7/19

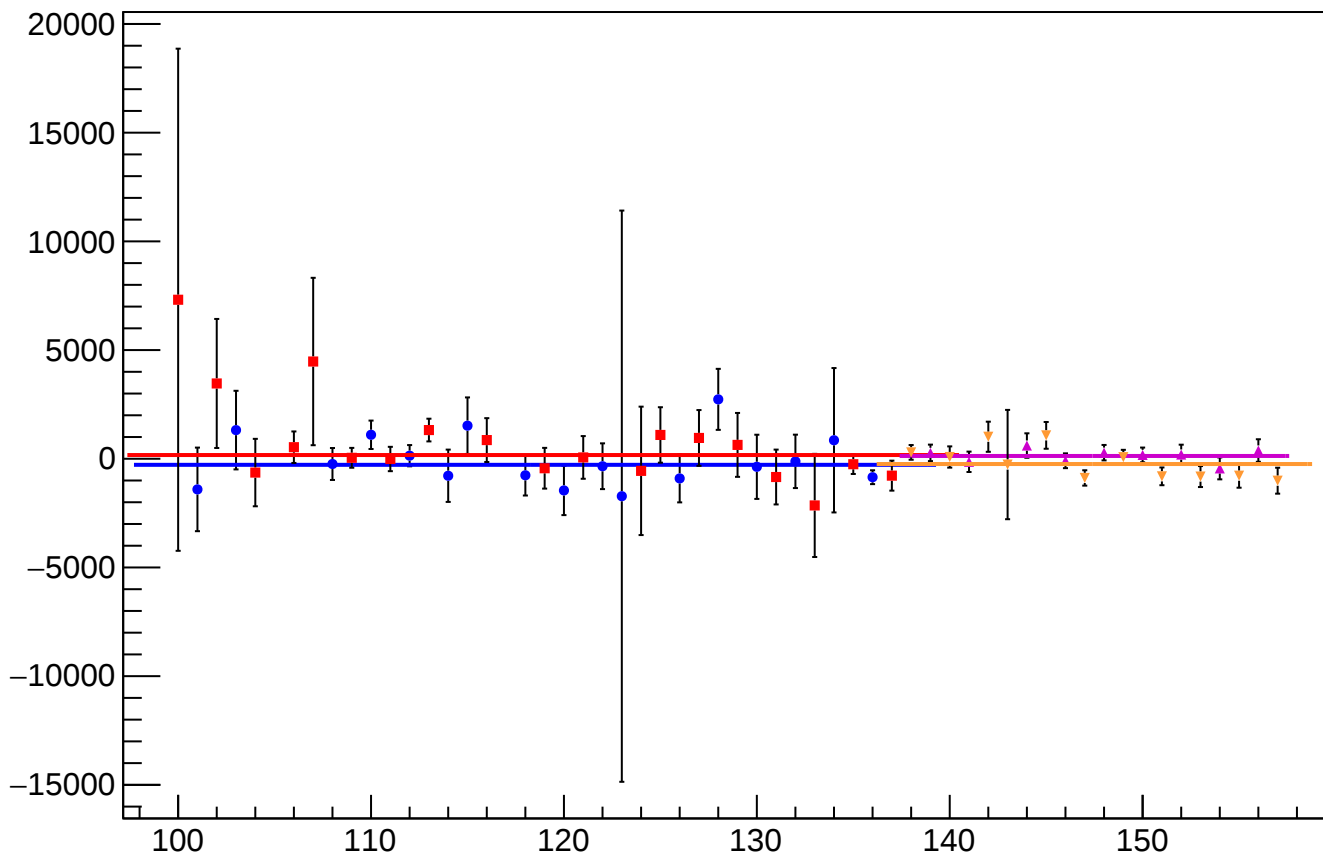
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1318.373 $\pm$ 0.251 χ^2 /NDF: 533161.5/25

Out: 1347.802 $\pm$ 0.248 χ^2 /NDF: 690358.1/29

All: 1333.278 $\pm$ 0.177 χ^2 /NDF: 1230467.6/55

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: -242.058 $\pm$ 140.044 χ^2 /NDF:20.9/10

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

Left In: 128.902 $\pm$ 137.937 χ^2 /NDF:3.4/8

Left: -53.766 $\pm$ 98.273 χ^2 /NDF: 27.8/19

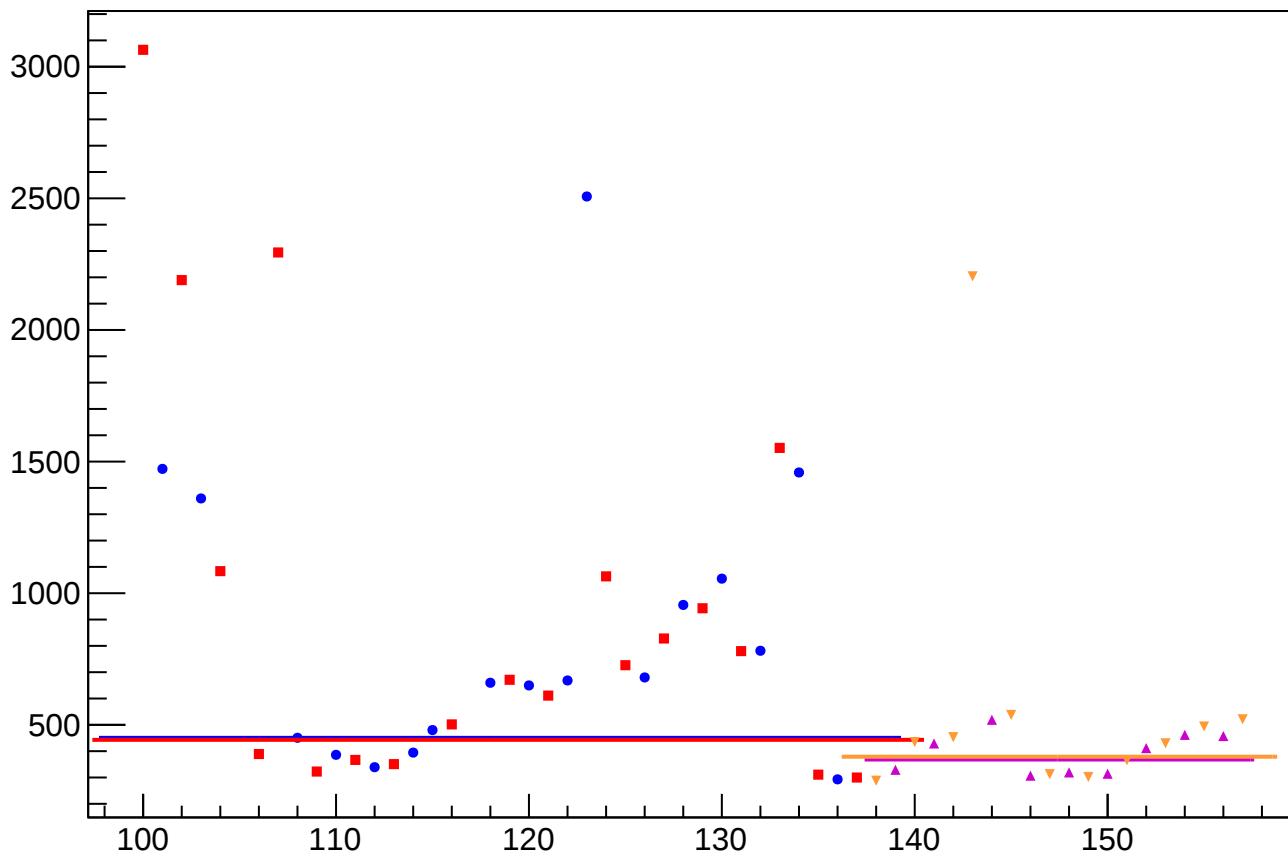
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: -4.173 $\pm$ 113.203 χ^2 /NDF:24.3/25

Out: -98.860 $\pm$ 113.239 χ^2 /NDF:38.7/29

All: -51.502 $\pm$ 80.059 χ^2 /NDF: 63.3/55

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: 378.916+/-0.099 χ^2/NDF : 1779665.9/10

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

Left In: 368.353+/-0.098 χ^2/NDF : 500134.0/8

Left: 373.554+/-0.069 χ^2/NDF : 2285575.4/19

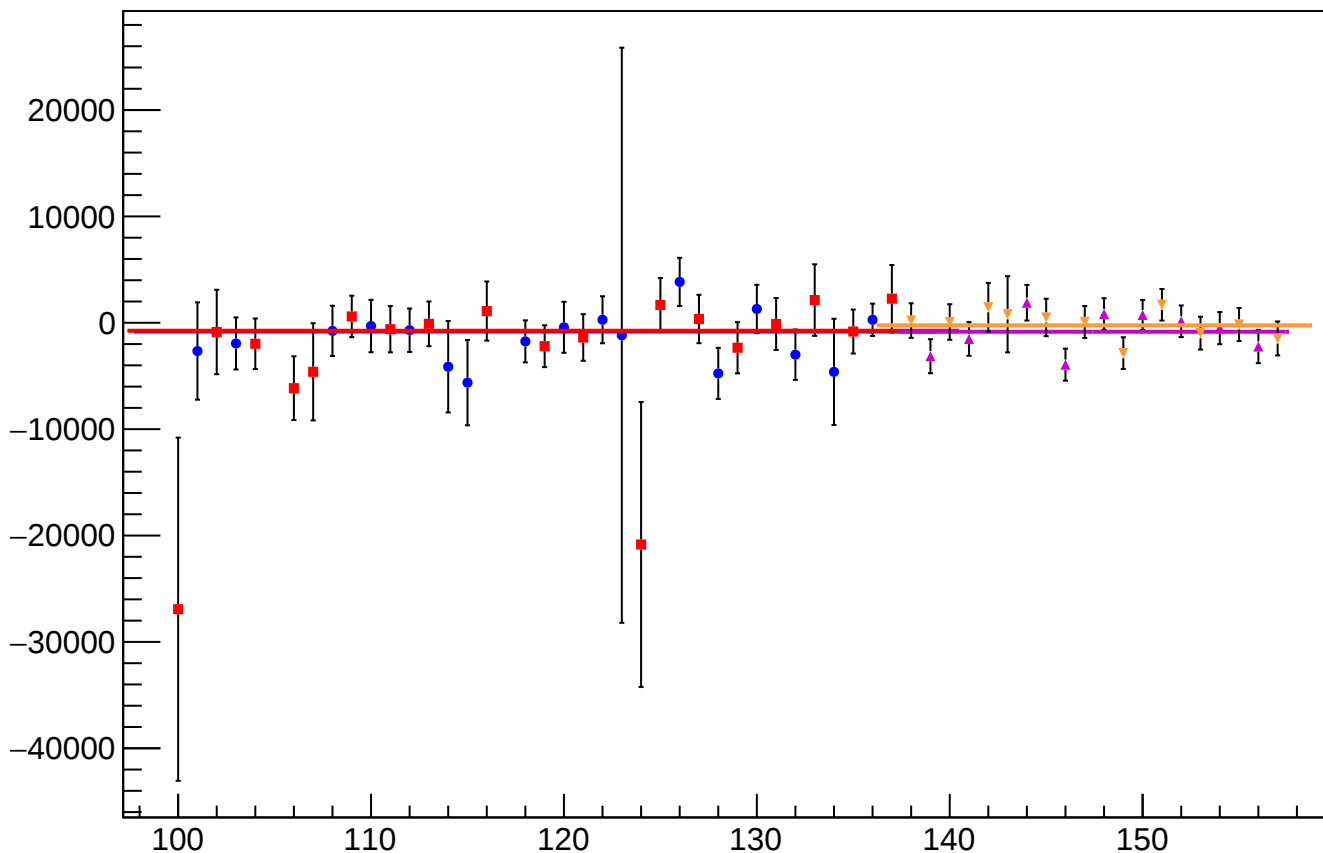
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 395.203+/-0.080 χ^2/NDF : 3729987.7/25

Out: 401.134+/-0.080 χ^2/NDF : 5396449.8/29

All: 398.167+/-0.057 χ^2/NDF : 9129181.6/55

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: -235.908+/-506.424 χ^2/NDF : 6.6/10

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

Left In: -841.766+/-509.987 χ^2/NDF : 12.9/8

Left: -536.713+/-359.349 χ^2/NDF : 20.2/19

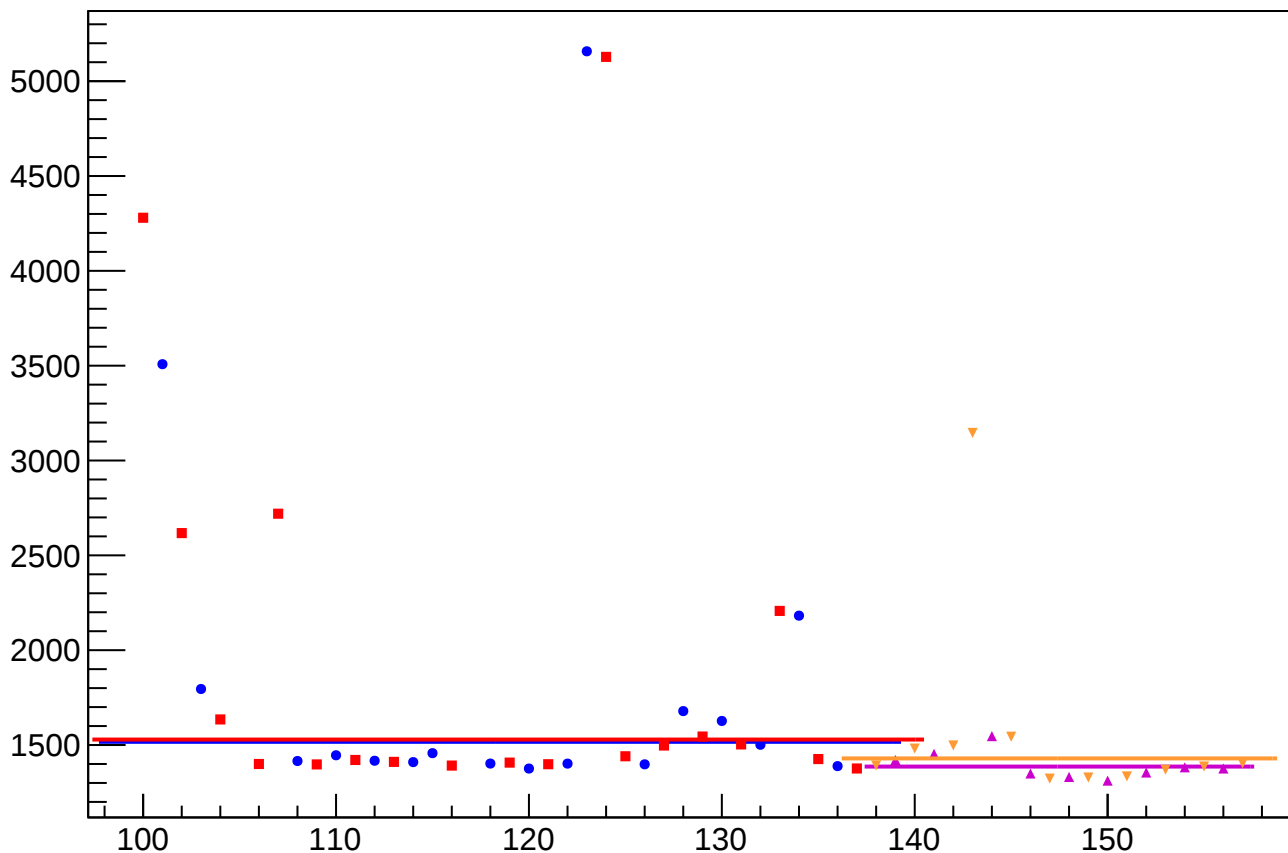
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -831.447+/-388.895 χ^2/NDF : 25.6/25

Out: -450.074+/-385.828 χ^2/NDF : 21.0/29

All: -639.251+/-273.899 χ^2/NDF : 47.2/55

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: 1429.319+/-0.358 χ^2/NDF : 504238.1/10

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

Left In: 1386.320+/-0.361 χ^2/NDF : 33317.6/8

Left: 1407.970+/-0.254 χ^2/NDF : 544714.6/19

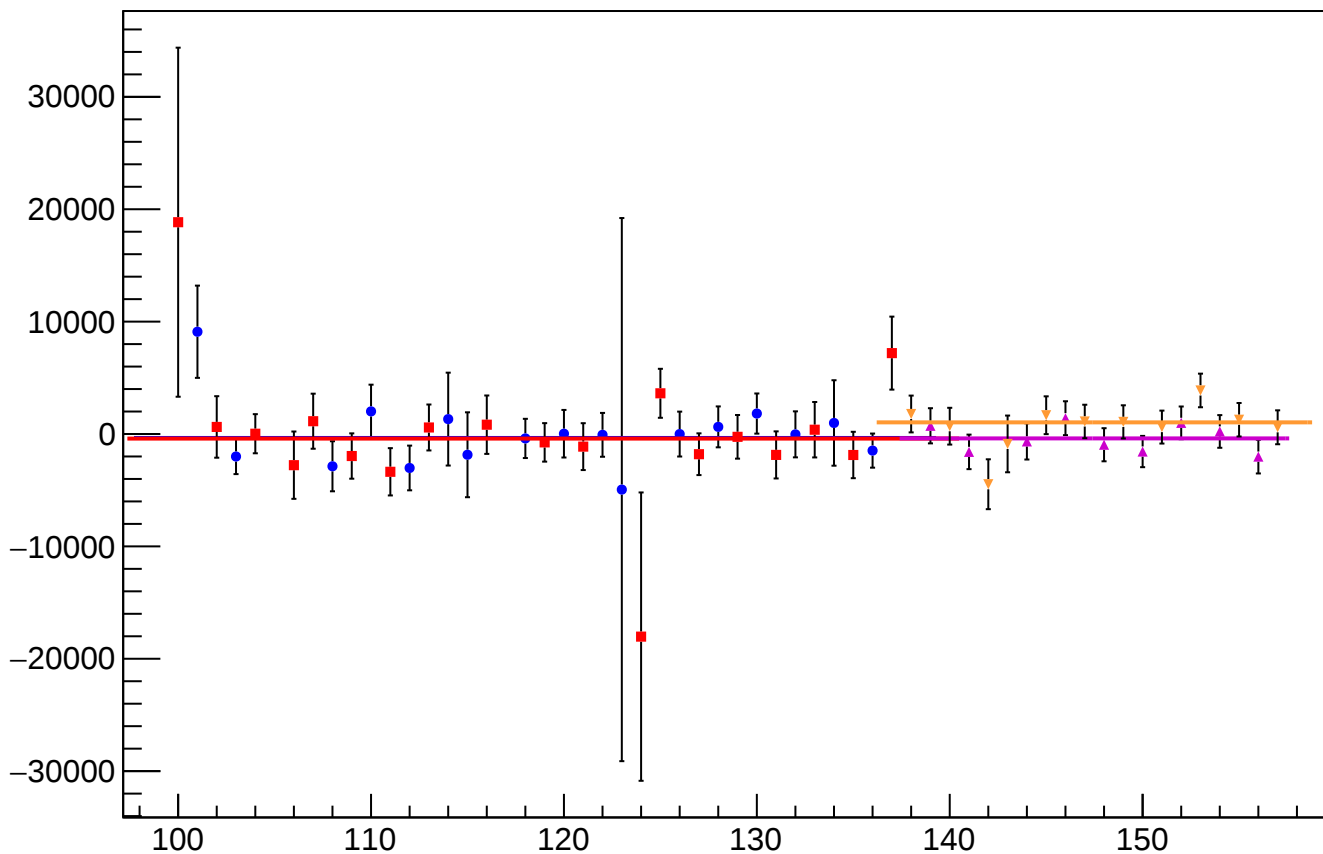
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1440.983+/-0.275 χ^2/NDF : 629261.0/25

Out: 1471.081+/-0.273 χ^2/NDF : 1166835.9/29

All: 1456.151+/-0.194 χ^2/NDF : 1802134.1/55

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: 1035.318+/-489.537 χ^2 /NDF:10.9/10

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

Left In: -392.111+/-498.534 χ^2 /NDF:5.7/8

Left: 334.599+/-349.292 χ^2 /NDF: 20.8/19

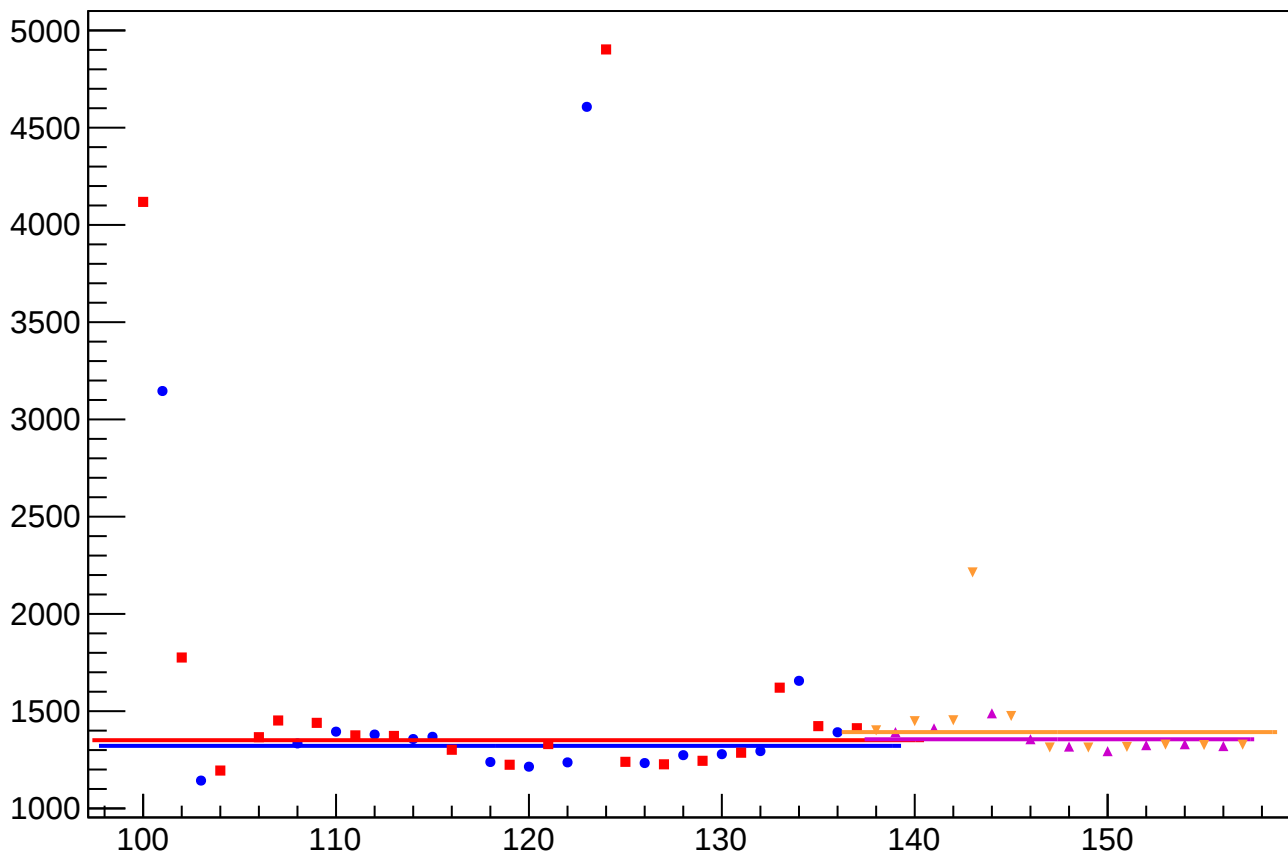
Right: -380.326+/-369.594 χ^2 /NDF: 31.8/35

In: -373.566+/-360.963 χ^2 /NDF:19.1/25

Out: 360.281+/-357.095 χ^2 /NDF:33.4/29

All: -2.690+/-253.861 χ^2 /NDF: 54.5/55

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1392.444+/-0.346 χ^2/NDF : 248579.2/10

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

Left In: 1355.503+/-0.353 χ^2/NDF : 25243.1/8

Left: 1374.310+/-0.247 χ^2/NDF : 279413.2/19

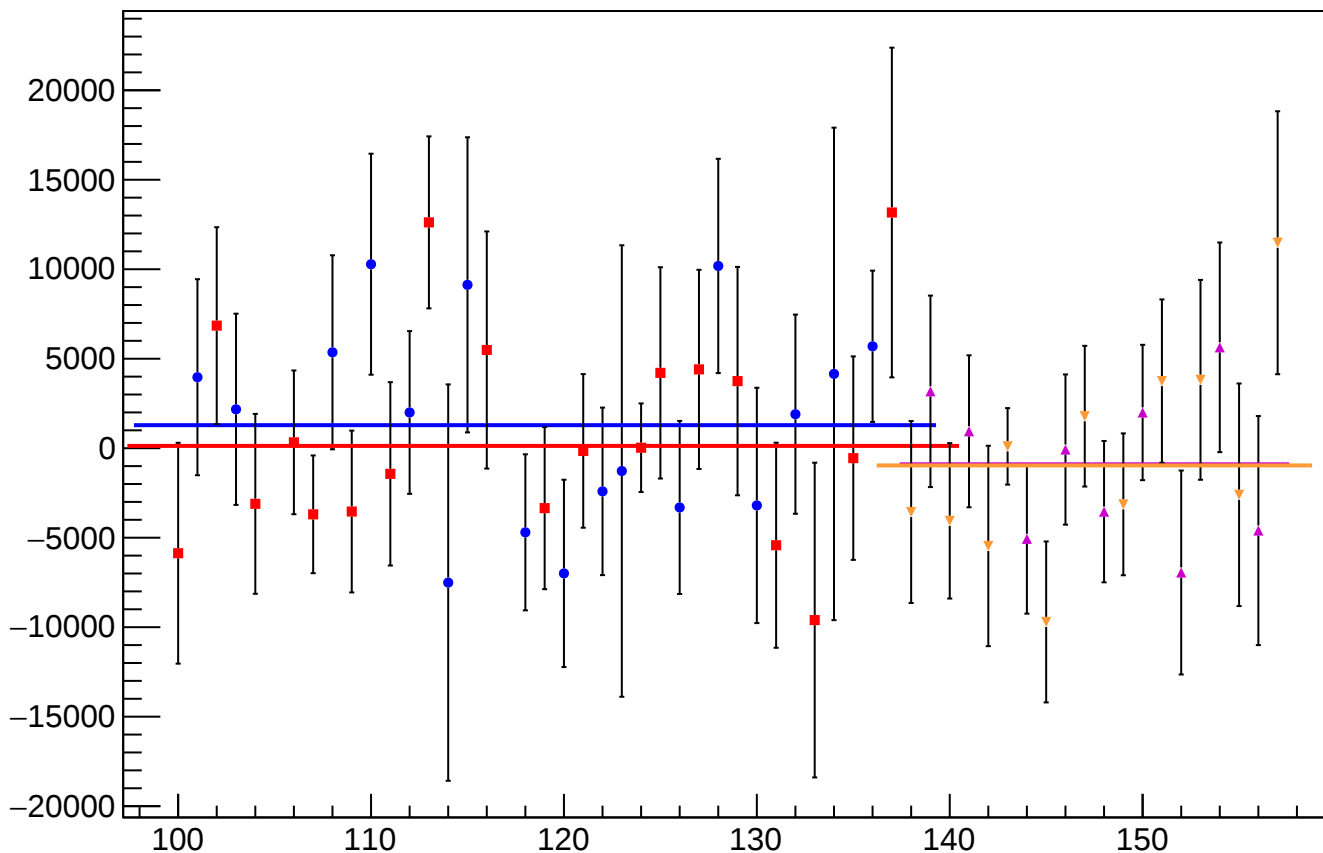
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1339.422+/-0.255 χ^2/NDF : 531862.6/25

Out: 1372.935+/-0.252 χ^2/NDF : 605247.9/29

All: 1356.363+/-0.179 χ^2/NDF : 1145825.5/55

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: -962.311+/-1245.356 χ^2/NDF : 11.0/10

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

Left In: -899.218+/-1537.759 χ^2/NDF : 5.5/8

Left: -937.321+/-967.792 χ^2/NDF : 16.5/19

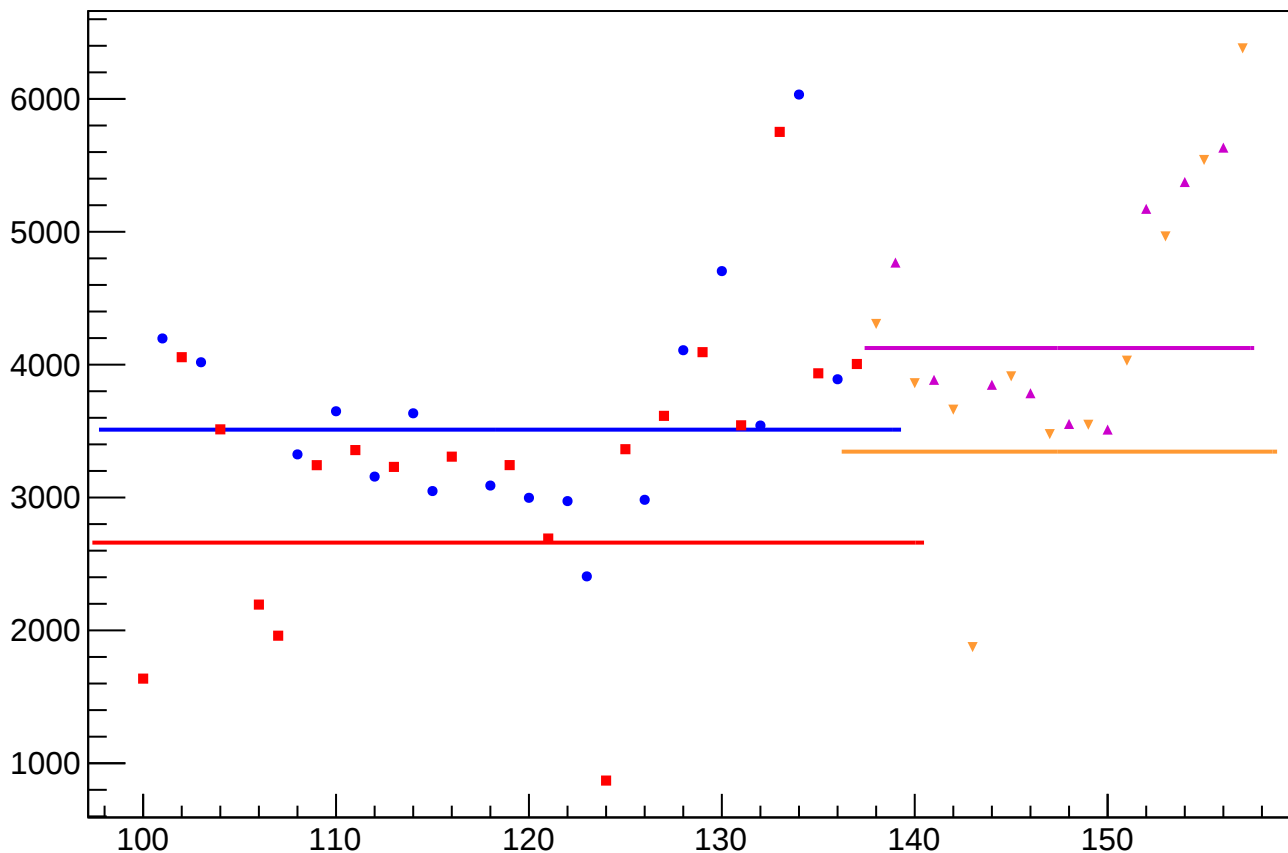
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 315.277+/-1025.354 χ^2/NDF : 21.0/25

Out: -343.530+/-819.459 χ^2/NDF : 29.9/29

All: -86.750+/-640.141 χ^2/NDF : 51.2/55

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: 3345.331+/-0.881 χ^2/NDF : 1896363.4/10

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

Left In: 4125.240+/-1.087 χ^2/NDF : 421538.4/8

Left: 3654.241+/-0.684 χ^2/NDF : 2628584.7/19

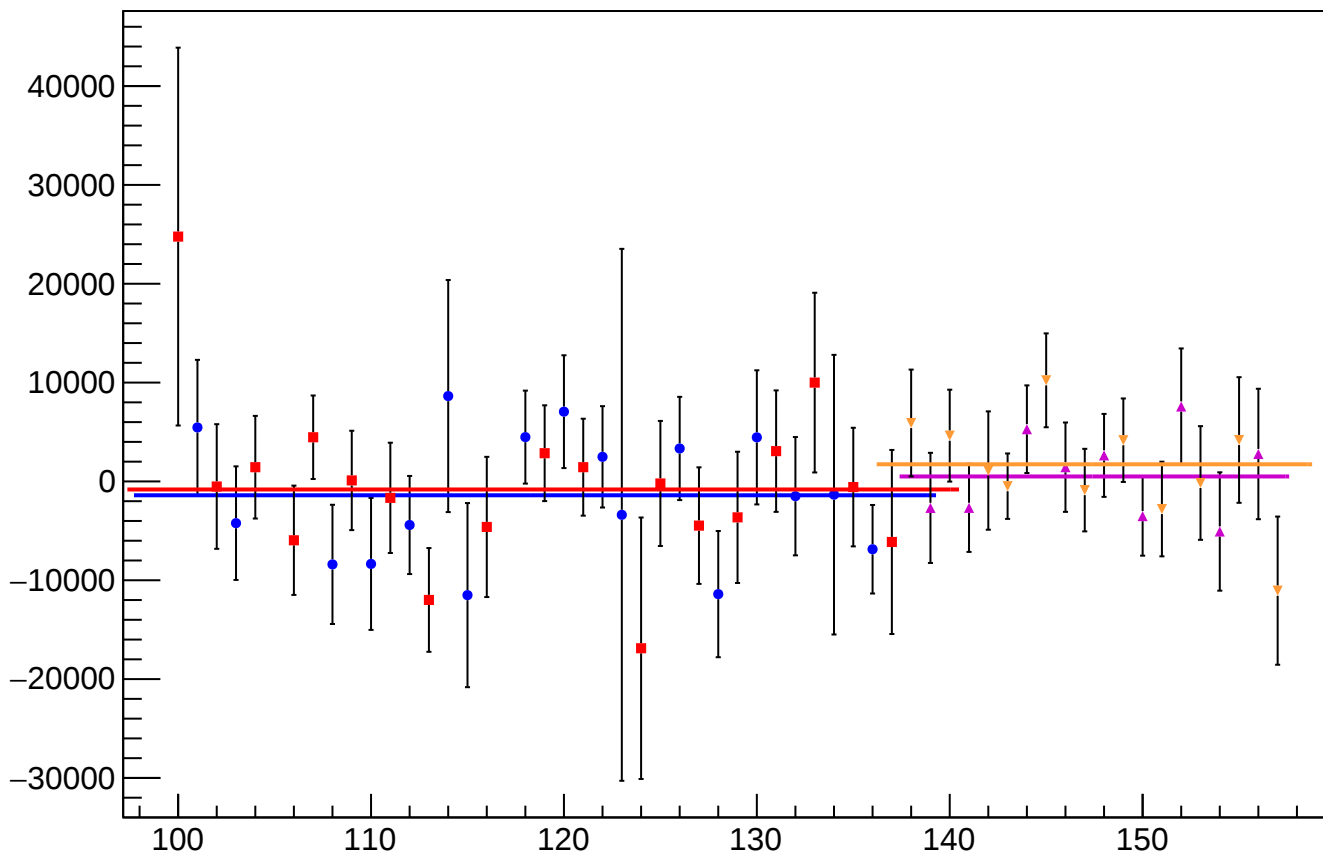
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3783.981+/-0.725 χ^2/NDF : 942937.4/25

Out: 2957.095+/-0.579 χ^2/NDF : 4421817.6/29

All: 3279.386+/-0.453 χ^2/NDF : 6158479.5/55

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 1732.732+/-1452.797 χ^2/NDF : 9.4/10

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

Left In: 502.564+/-1619.375 χ^2/NDF : 5.7/8

Left: 1184.154+/-1081.395 χ^2/NDF : 15.5/19

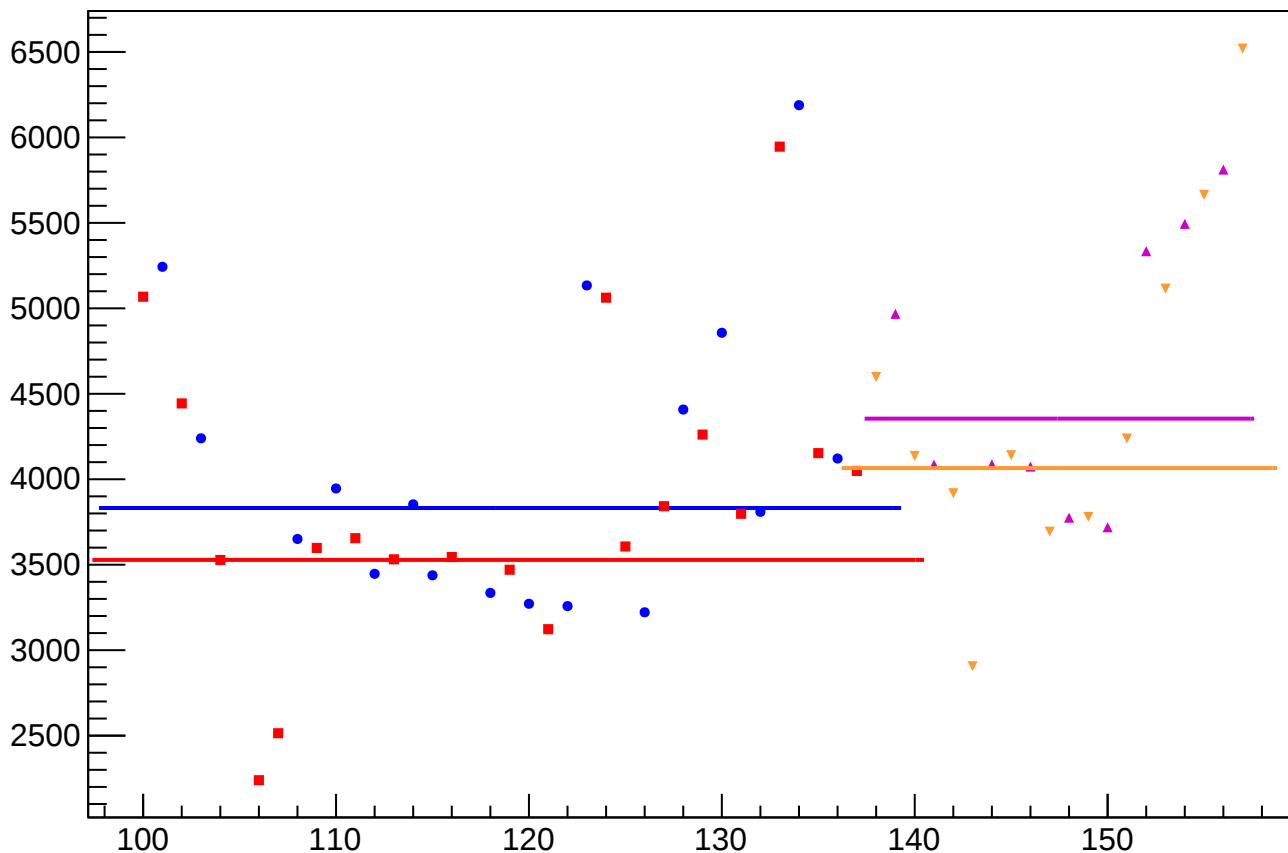
Right: -1082.331+/-1016.512 χ^2/NDF : 30.1/35

In: -519.581+/-1102.080 χ^2/NDF : 22.3/25

Out: 393.103+/-1000.212 χ^2/NDF : 25.3/29

All: -19.118+/-740.658 χ^2/NDF : 48.0/55

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4065.593 ± 1.027 $\chi^2/\text{NDF}: 702211.8/10$

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

Left In: 4354.715 ± 1.145 $\chi^2/\text{NDF}: 360643.0/8$

Left: 4194.523 ± 0.765 $\chi^2/\text{NDF}: 1098177.9/19$

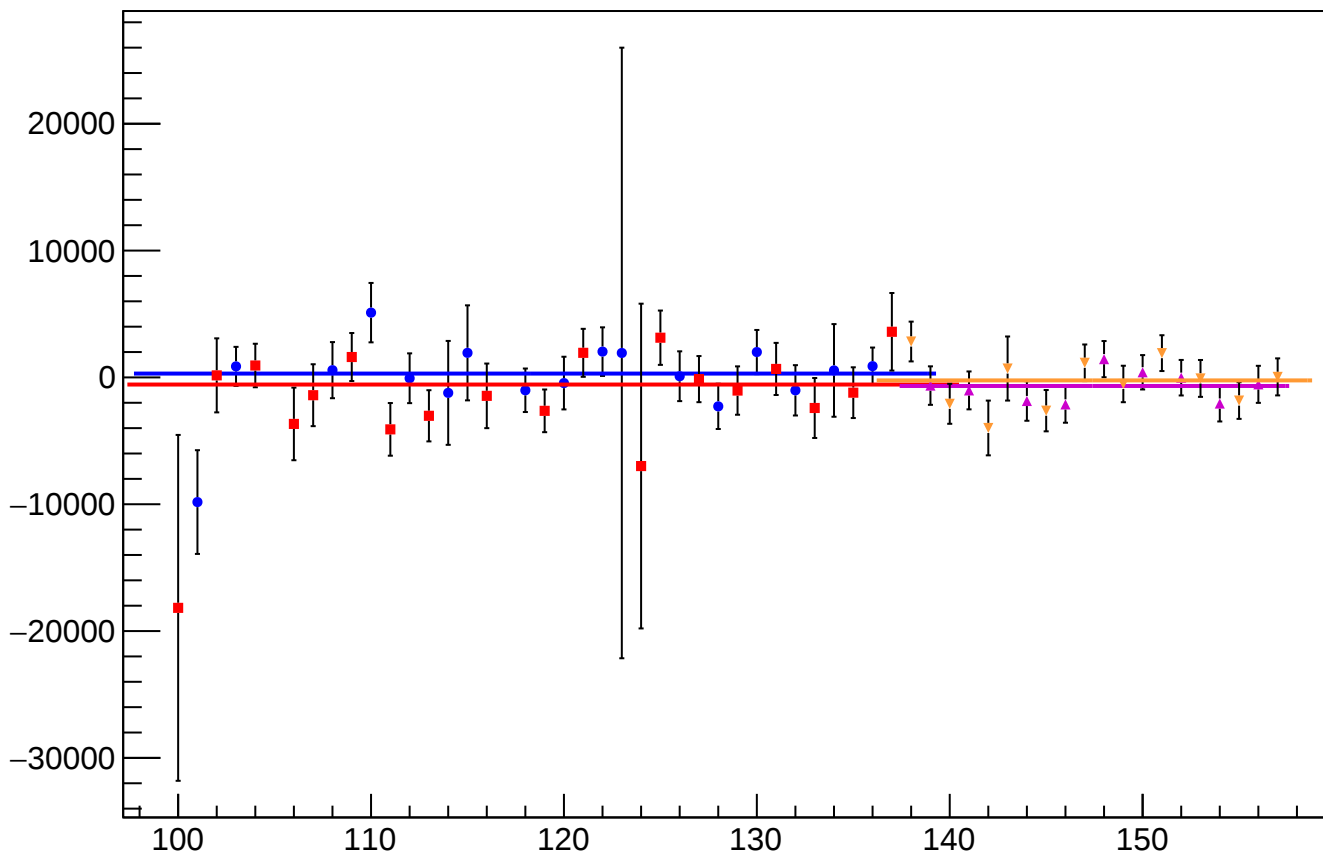
Right: 3665.441 ± 0.715 $\chi^2/\text{NDF}: 939571.7/35$

In: 4073.997 ± 0.779 $\chi^2/\text{NDF}: 810299.6/25$

Out: 3780.423 ± 0.704 $\chi^2/\text{NDF}: 1404647.7/29$

All: 3912.318 ± 0.522 $\chi^2/\text{NDF}: 2293107.4/55$

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: -236.567 $\pm$ 474.368 χ^2 /NDF:15.0/10

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

Left In: -675.699 $\pm$ 482.965 χ^2 /NDF:5.7/8

Left: -452.190 $\pm$ 338.427 χ^2 /NDF: 21.1/19

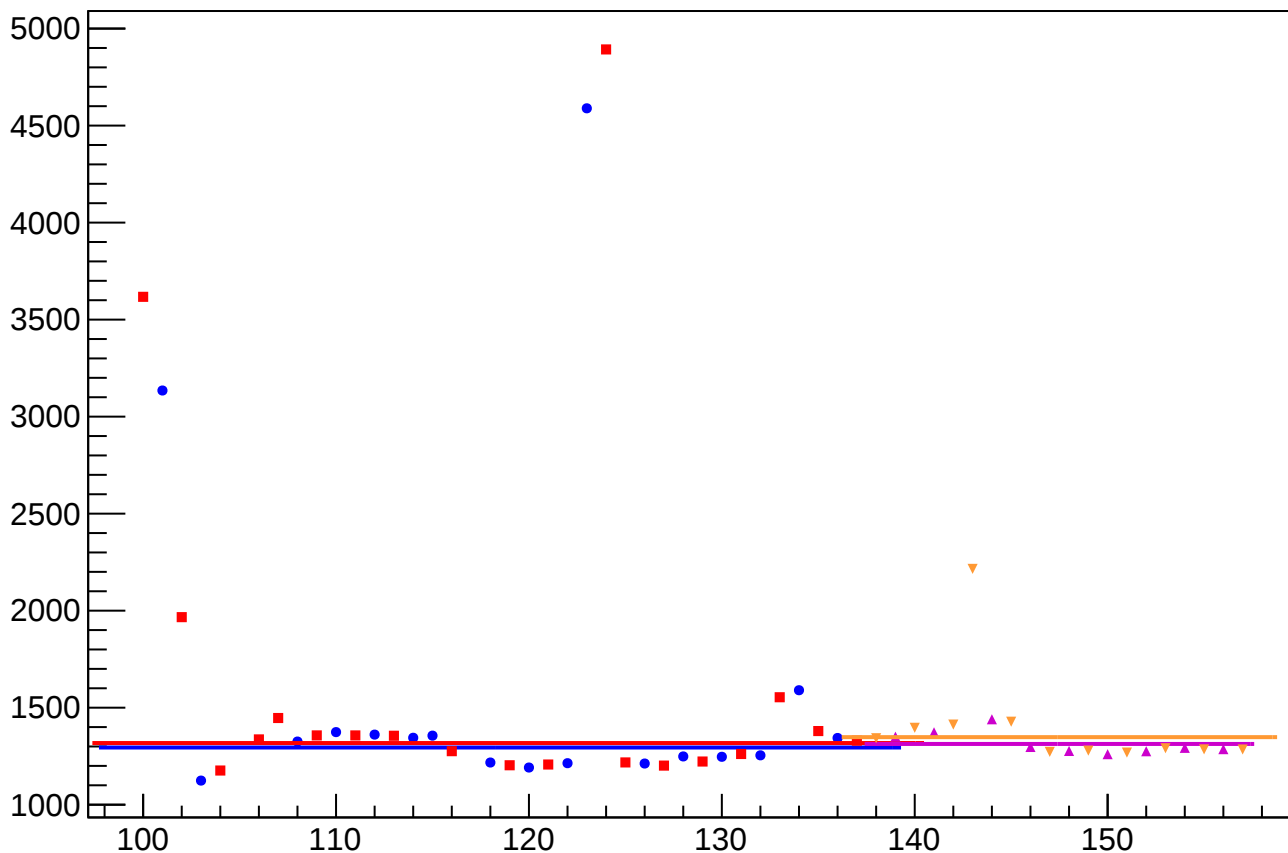
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -216.165 $\pm$ 351.593 χ^2 /NDF:23.7/25

Out: -388.158 $\pm$ 346.815 χ^2 /NDF:34.4/29

All: -303.338 $\pm$ 246.907 χ^2 /NDF: 58.2/55

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: 1348.155 $\pm$ 0.335 χ^2 /NDF: 271389.1/10

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

Left In: 1313.074 $\pm$ 0.342 χ^2 /NDF: 24815.6/8

Left: 1330.929 $\pm$ 0.239 χ^2 /NDF: 301575.5/19

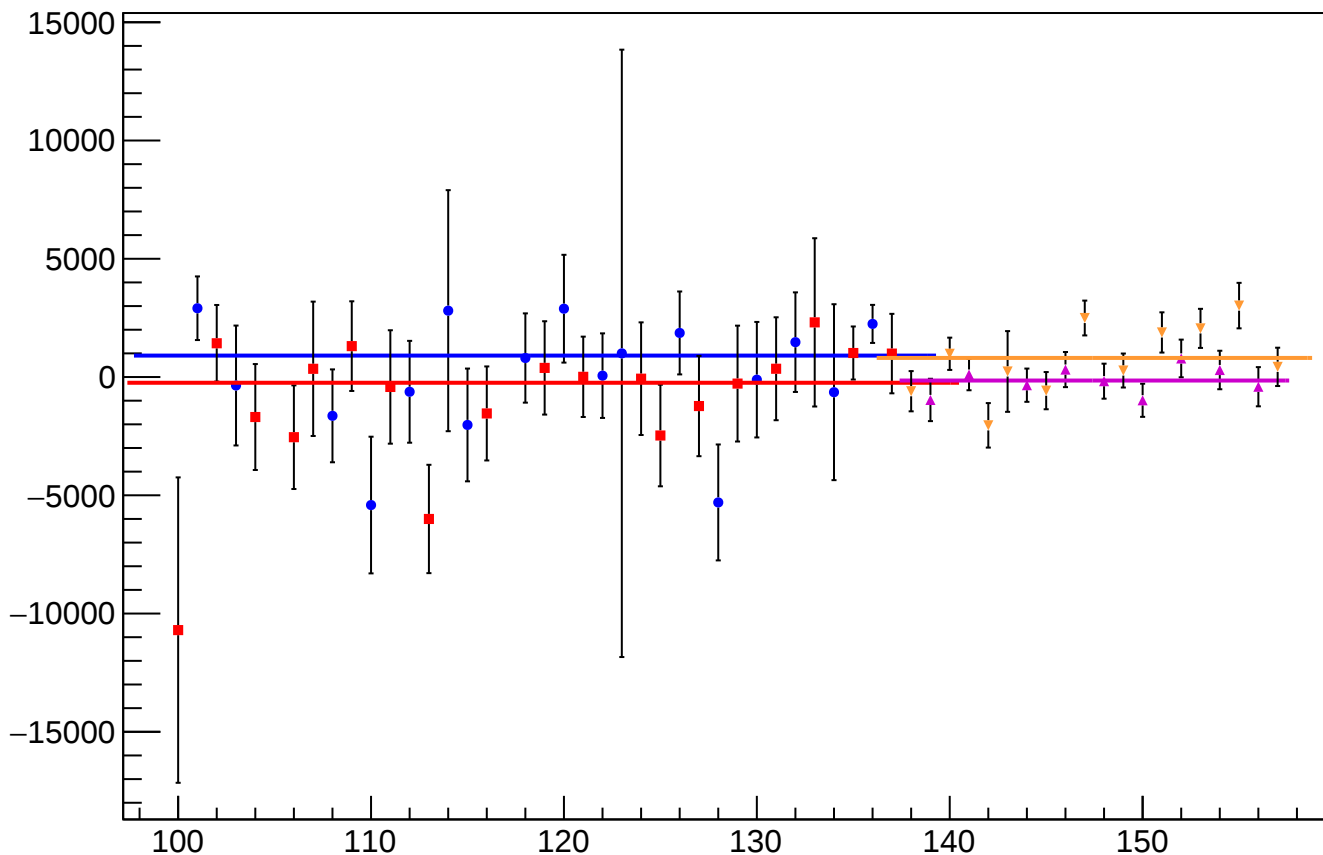
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1304.451 $\pm$ 0.249 χ^2 /NDF: 533975.8/25

Out: 1334.020 $\pm$ 0.245 χ^2 /NDF: 666011.5/29

All: 1319.438 $\pm$ 0.175 χ^2 /NDF: 1207156.7/55

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: 807.437 $\pm$ 251.140 χ^2 /NDF:30.4/10

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -147.942 $\pm$ 251.841 χ^2 /NDF:4.6/8

Left: 331.078 $\pm$ 177.830 χ^2 /NDF: 42.3/19

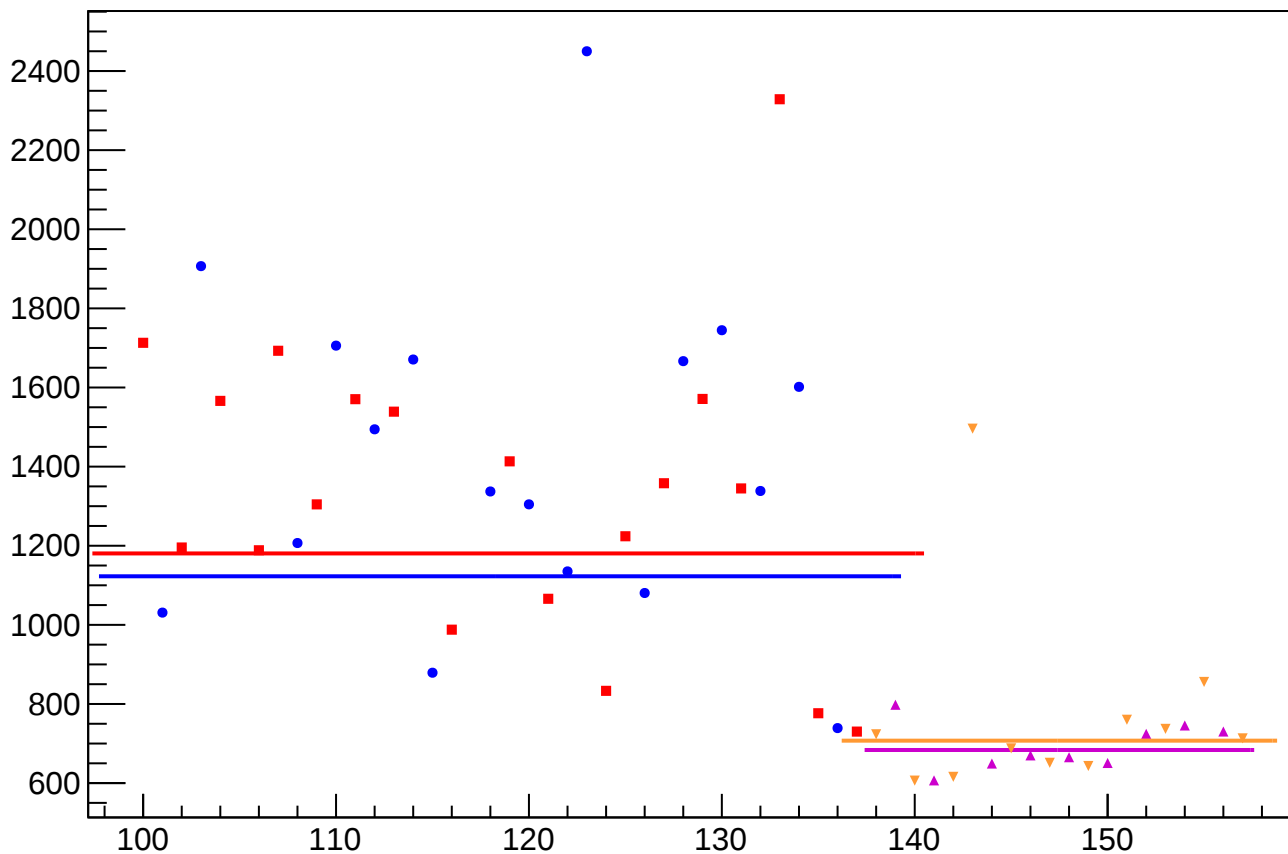
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 98.685 $\pm$ 220.436 χ^2 /NDF:30.7/25

Out: 569.065 $\pm$ 220.793 χ^2 /NDF:50.8/29

All: 333.495 $\pm$ 155.998 χ^2 /NDF: 83.8/55

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 707.278+/-0.178 χ^2/NDF : 577237.9/10

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

Left In: 683.671+/-0.178 χ^2/NDF : 93708.2/8

Left: 695.507+/-0.126 χ^2/NDF : 679757.4/19

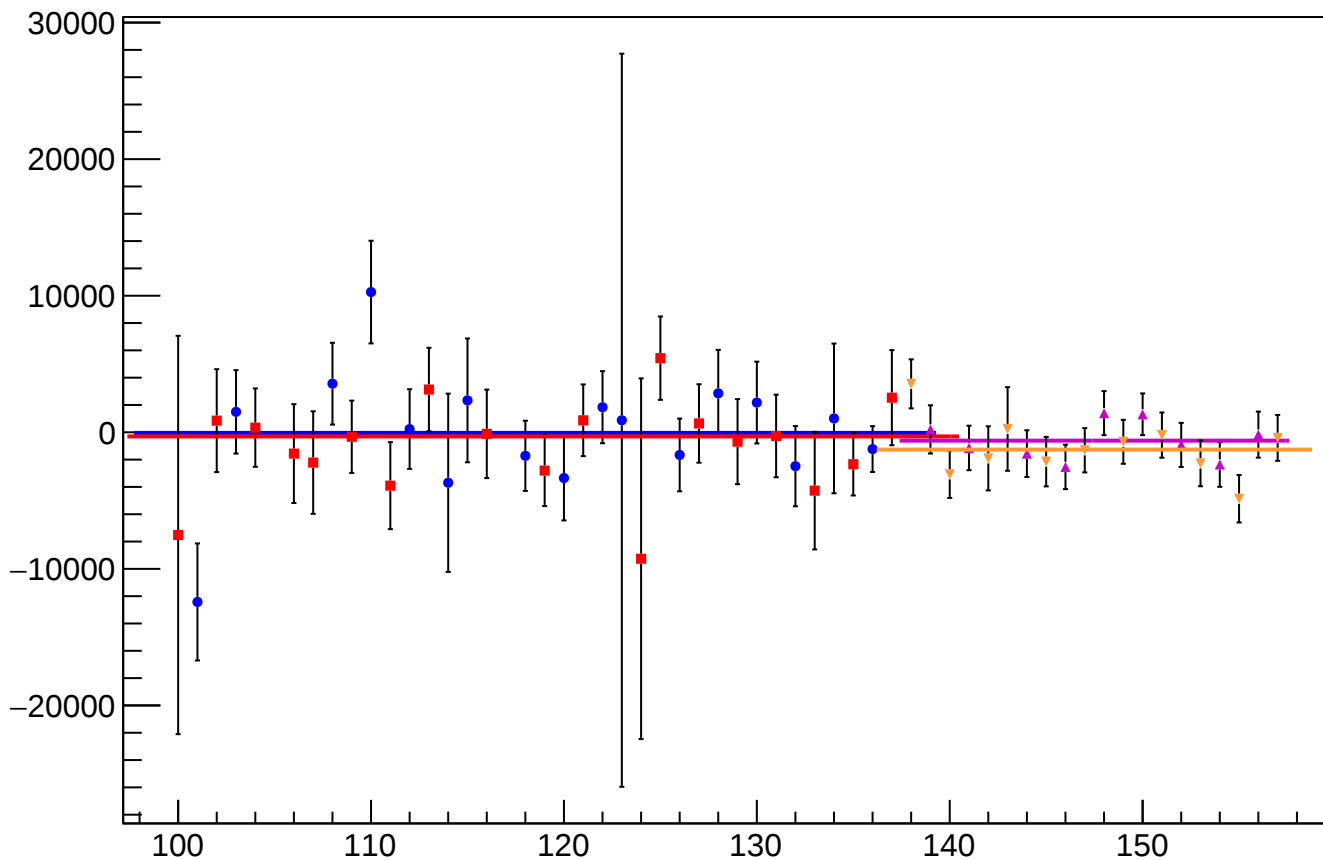
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 786.356+/-0.156 χ^2/NDF : 2703540.9/25

Out: 814.747+/-0.156 χ^2/NDF : 3225483.8/29

All: 800.529+/-0.110 χ^2/NDF : 5945586.9/55

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: -1266.939 ± 541.289 χ^2/NDF : 14.3/10

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

Left In: -611.519 ± 547.283 χ^2/NDF : 6.4/8

Left: -942.838 ± 384.851 χ^2/NDF : 21.5/19

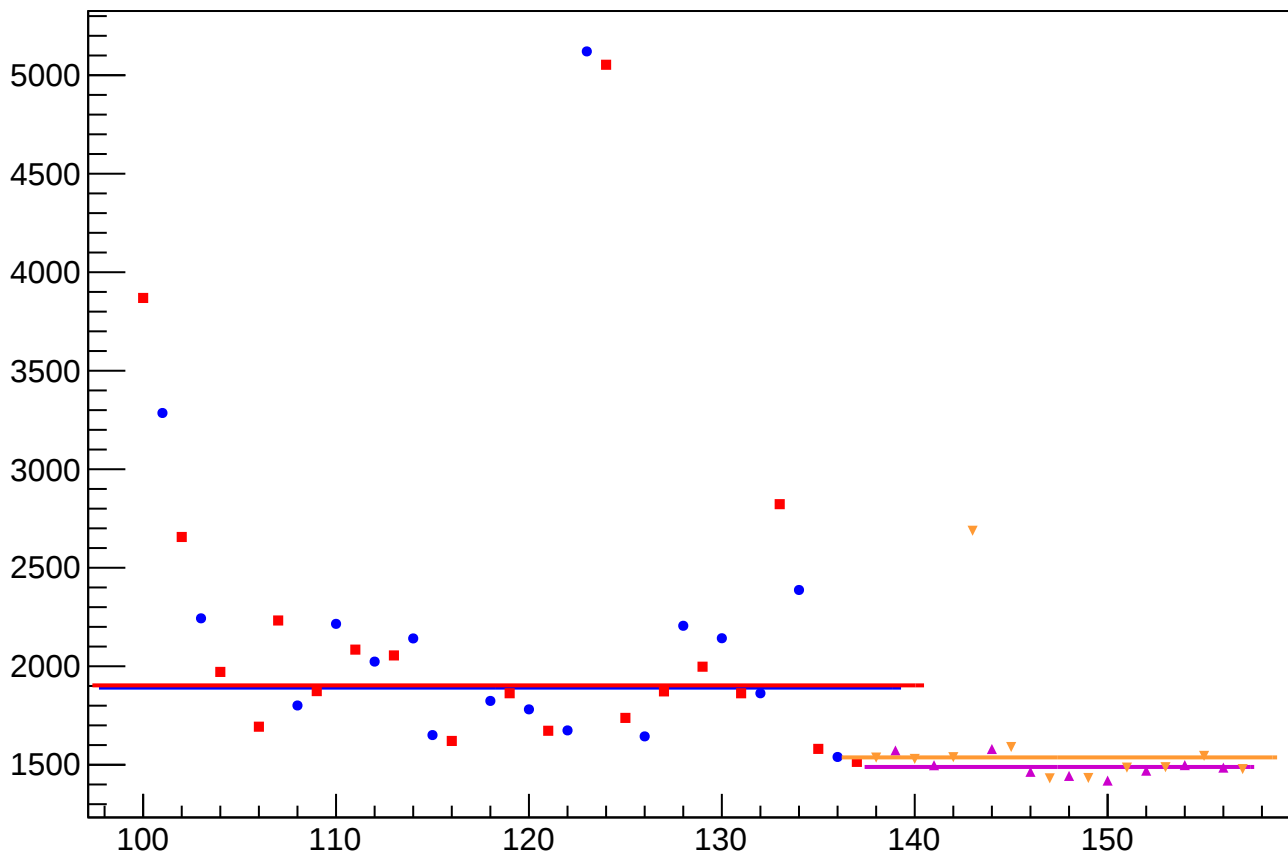
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -413.627 ± 441.599 χ^2/NDF : 30.0/25

Out: -927.908 ± 435.737 χ^2/NDF : 26.3/29

All: -674.203 ± 310.164 χ^2/NDF : 57.0/55

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: 1537.465 $\pm$ 0.383 χ^2 /NDF:307215.0/10

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1488.941 $\pm$ 0.387 χ^2 /NDF:16716.5/8

Left: 1513.470 $\pm$ 0.272 χ^2 /NDF: 331879.3/19

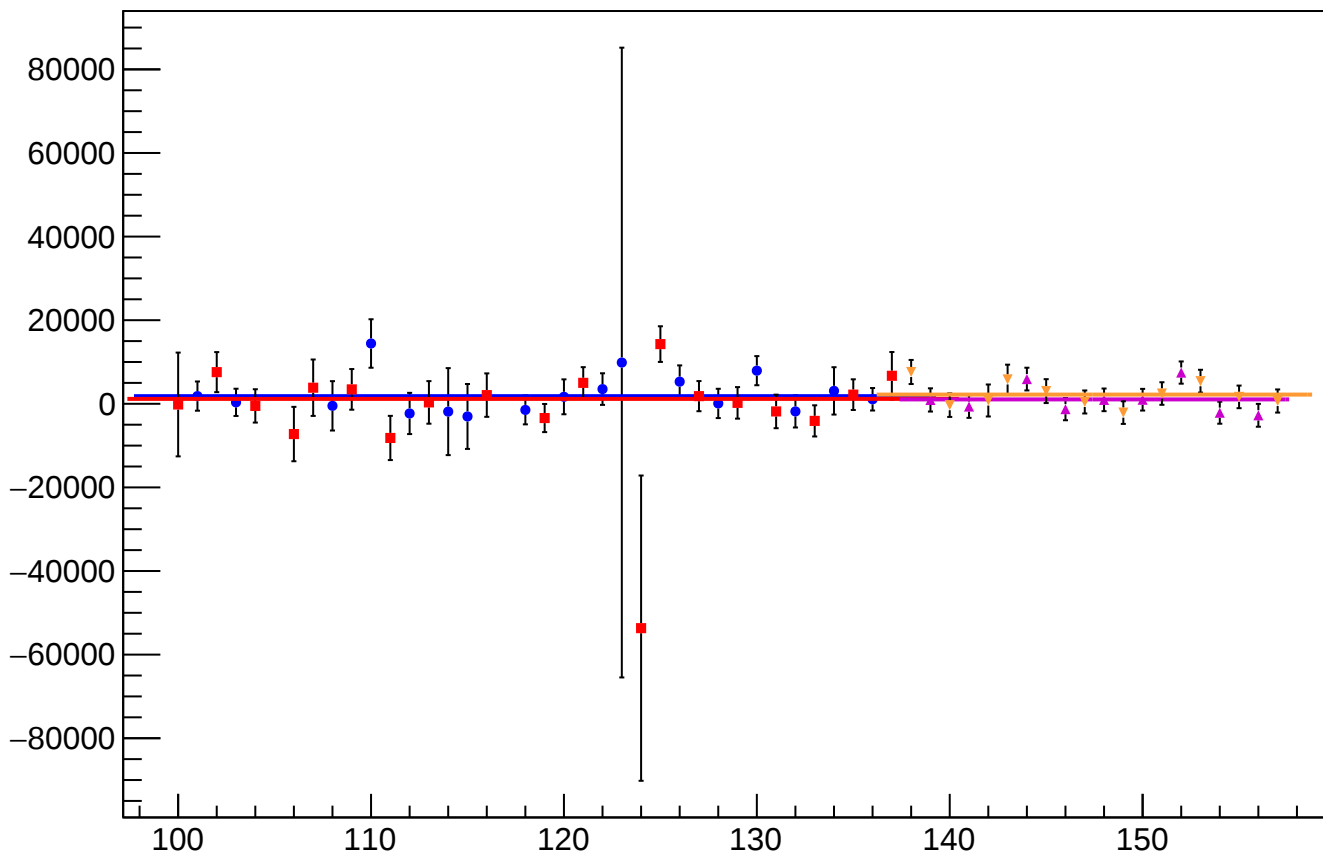
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1629.463 $\pm$ 0.312 χ^2 /NDF:863692.3/25

Out: 1666.131 $\pm$ 0.308 χ^2 /NDF:1088415.1/29

All: 1648.042 $\pm$ 0.219 χ^2 /NDF: 1959094.3/55

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2203.025 $\pm$ 868.423 χ^2 /NDF:10.3/10

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1049.025 $\pm$ 895.234 χ^2 /NDF:13.6/8

Left: 1643.564 $\pm$ 623.331 χ^2 /NDF: 24.8/19

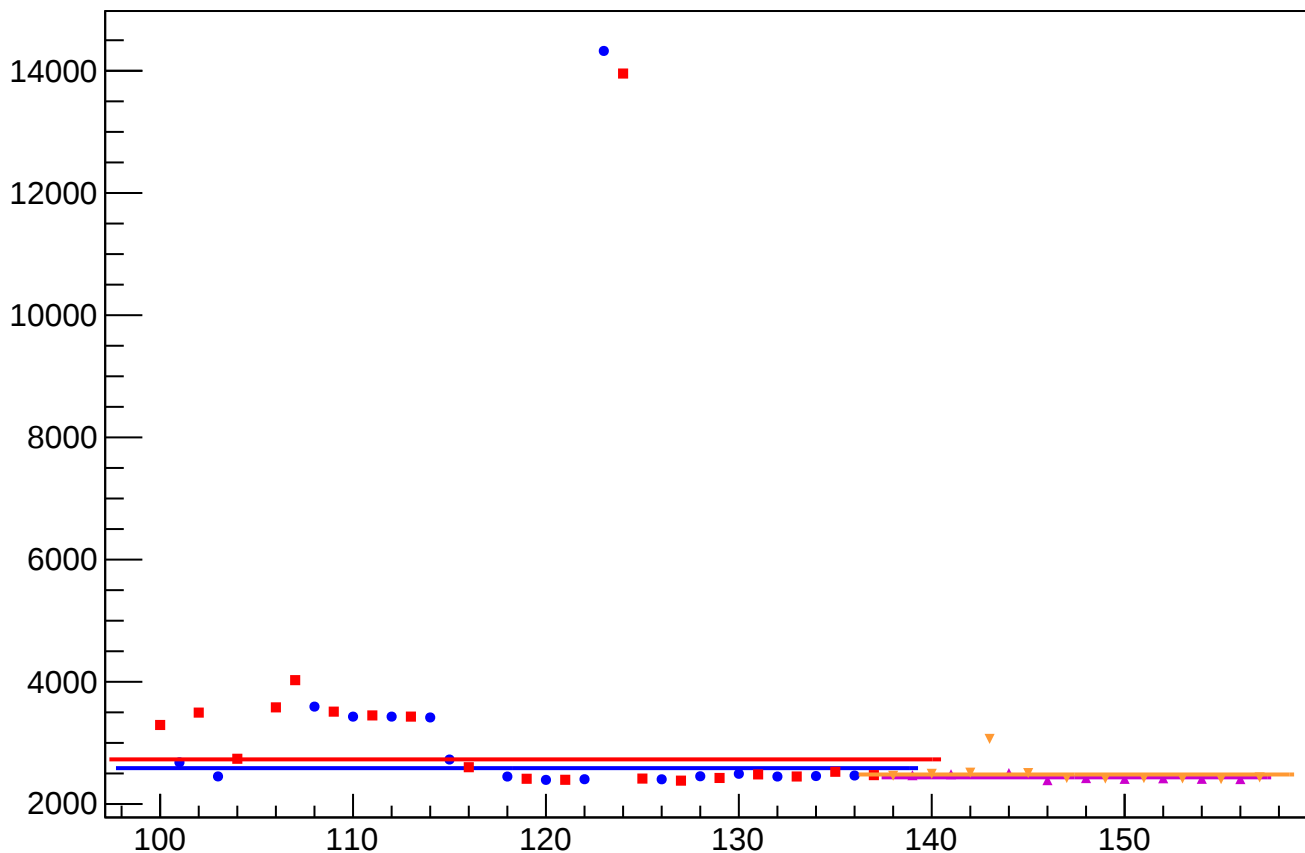
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1390.394 $\pm$ 669.992 χ^2 /NDF:26.5/25

Out: 1782.926 $\pm$ 668.208 χ^2 /NDF:36.4/29

All: 1587.183 $\pm$ 473.124 χ^2 /NDF: 63.0/55

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2483.223 $\pm$ 0.614 χ^2 /NDF: 61539.6/10

Right Out: 2730.484 $\pm$ 0.740 χ^2 /NDF: 584993.0/18

Left In: 2436.392 $\pm$ 0.633 χ^2 /NDF: 3648.9/8

Left: 2460.519 $\pm$ 0.441 χ^2 /NDF: 68008.2/19

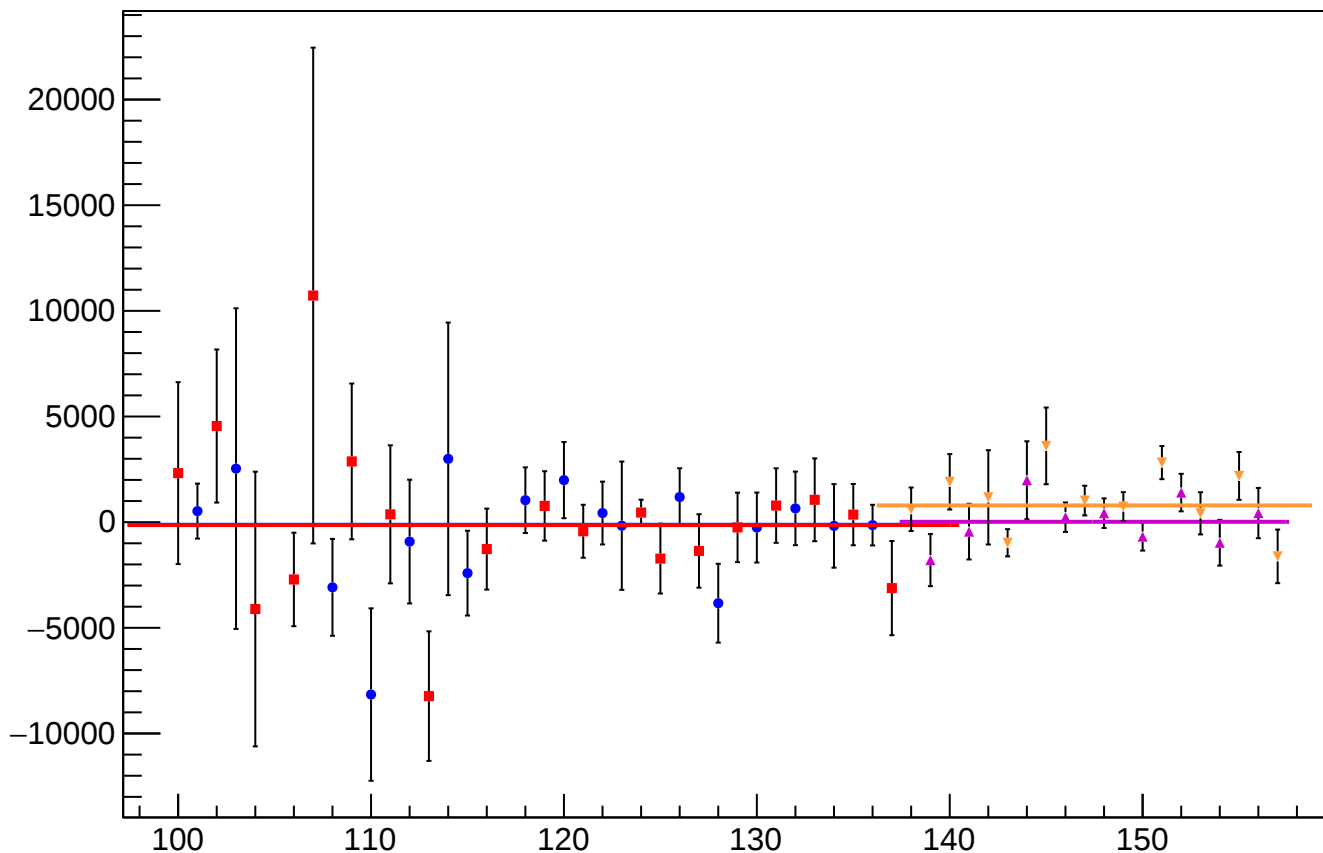
Right: 2656.218 $\pm$ 0.514 χ^2 /NDF: 858580.5/35

In: 2502.635 $\pm$ 0.474 χ^2 /NDF: 282654.7/25

Out: 2584.092 $\pm$ 0.472 χ^2 /NDF: 712675.6/29

All: 2543.472 $\pm$ 0.335 χ^2 /NDF: 1010151.4/55

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 792.293+/-281.263 χ^2/NDF : 22.8/10

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

Left In: 17.532+/-305.239 χ^2/NDF : 8.4/8

Left: 436.532+/-206.840 χ^2/NDF : 34.6/19

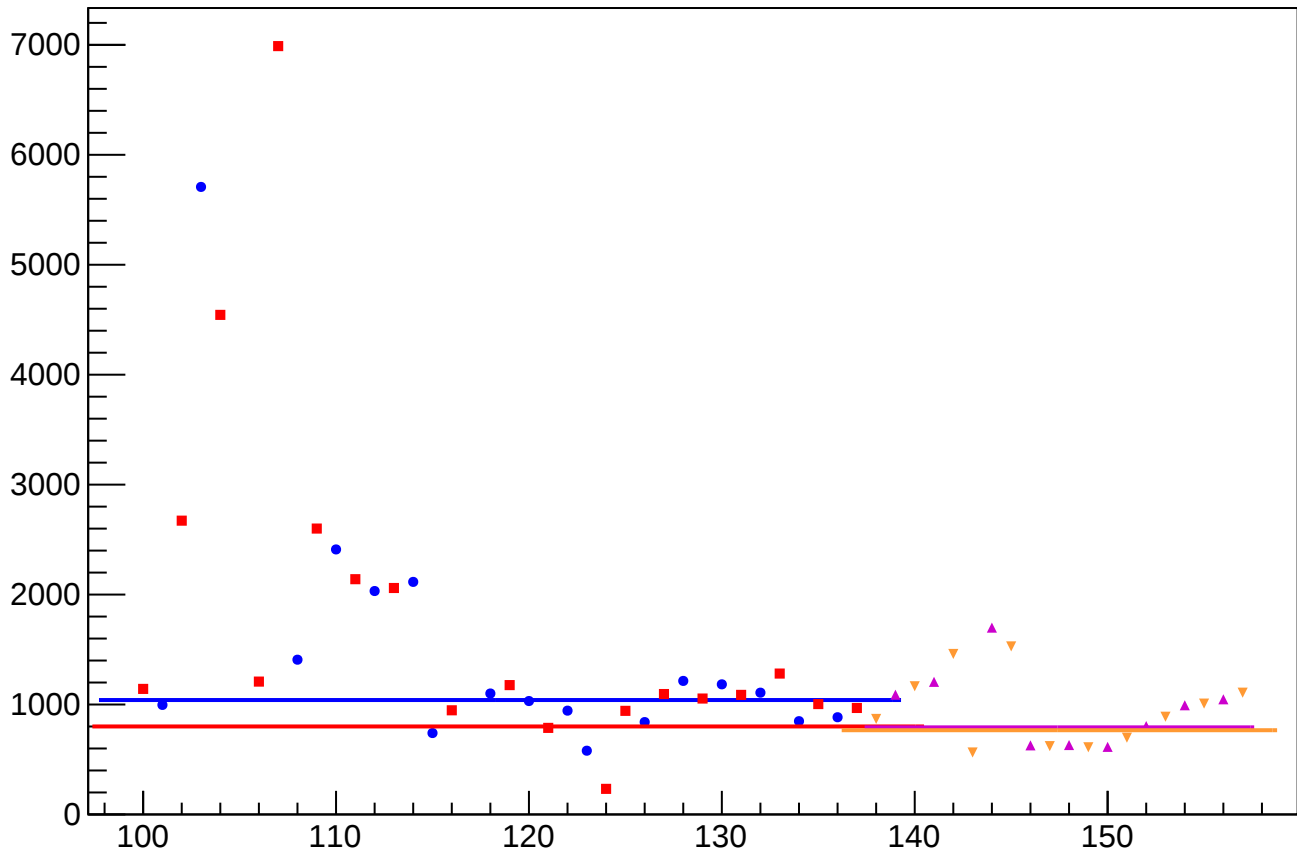
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -29.937+/-249.051 χ^2/NDF : 23.1/25

Out: 463.339+/-225.955 χ^2/NDF : 44.5/29

All: 240.629+/-167.345 χ^2/NDF : 69.8/55

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 766.164+/-0.199 χ^2/NDF : 1419333.6/10

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 792.118+/-0.216 χ^2/NDF : 1317777.1/8

Left: 778.082+/-0.146 χ^2/NDF : 2744930.5/19

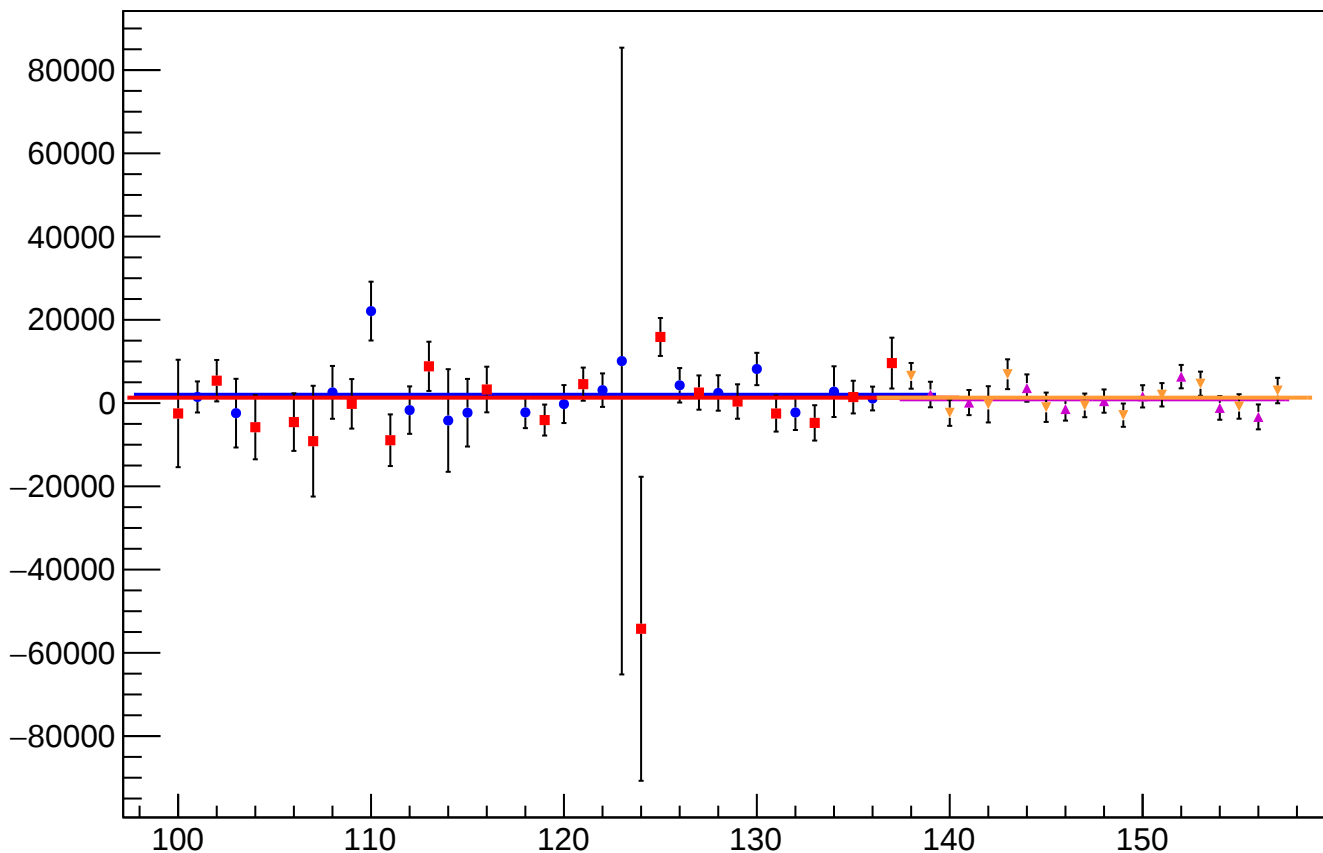
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 875.233+/-0.176 χ^2/NDF : 3334422.9/25

Out: 778.307+/-0.160 χ^2/NDF : 6616872.6/29

All: 822.069+/-0.118 χ^2/NDF : 10117450.7/55

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1302.869+/-937.643 χ^2/NDF :12.2/10

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 906.736+/-967.817 χ^2/NDF :8.0/8

Left: 1111.074+/-673.429 χ^2/NDF : 20.2/19

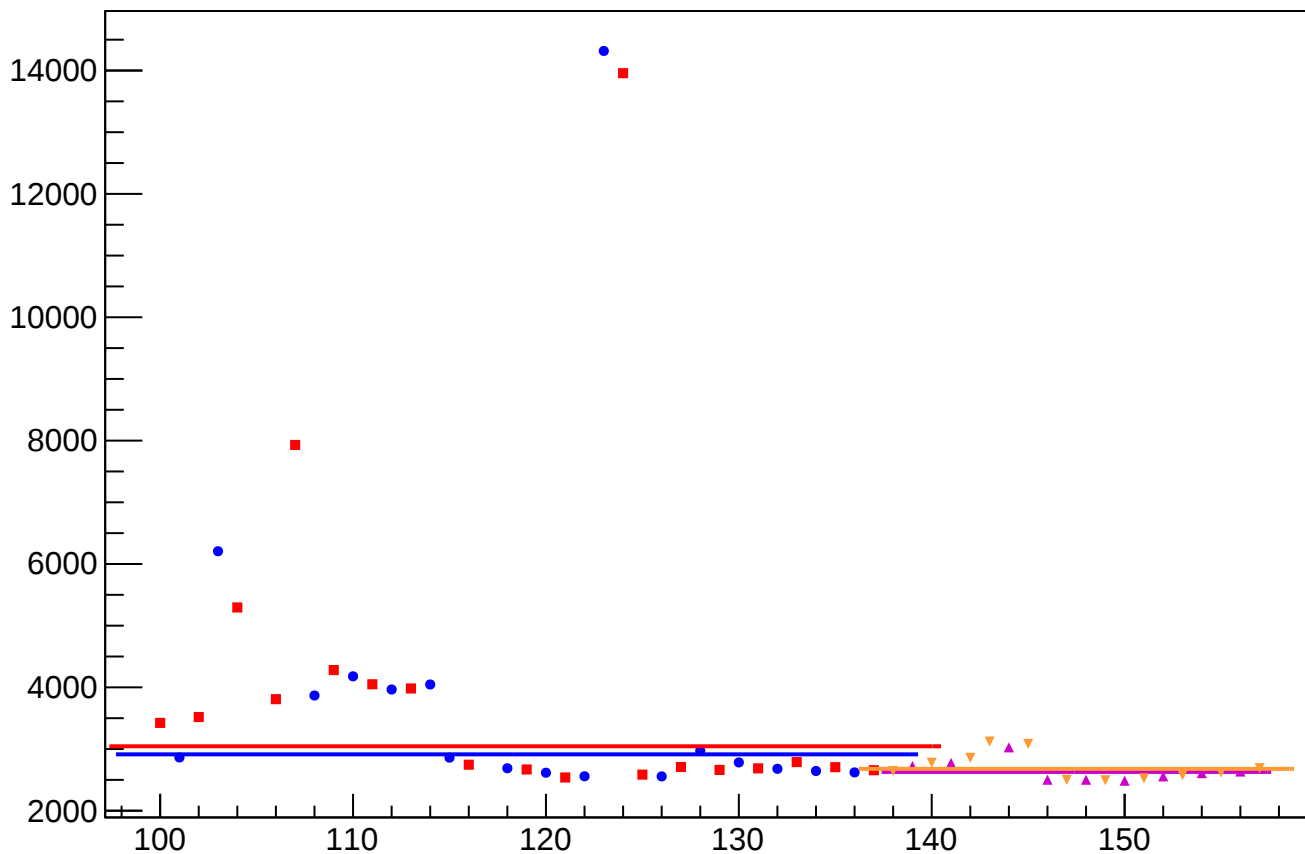
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1356.145+/-741.830 χ^2/NDF :23.4/25

Out: 1303.351+/-736.171 χ^2/NDF :39.7/29

All: 1329.546+/-522.541 χ^2/NDF : 63.2/55

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2678.383+/-0.663 χ^2/NDF : 88440.5/10

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2629.187+/-0.684 χ^2/NDF : 51374.4/8

Left: 2654.564+/-0.476 χ^2/NDF : 142480.5/19

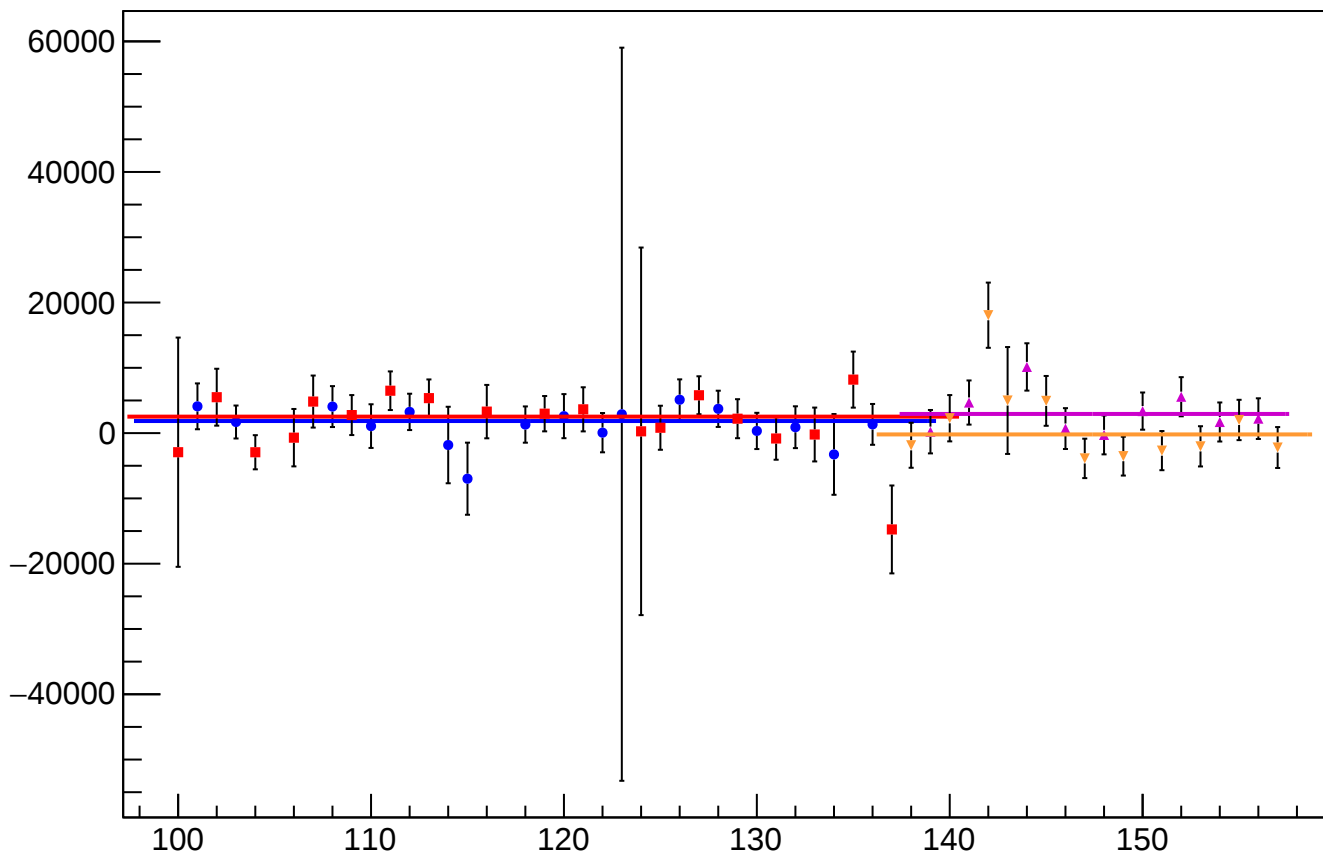
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2746.616+/-0.525 χ^2/NDF : 761740.4/25

Out: 2818.805+/-0.521 χ^2/NDF : 1210711.3/29

All: 2782.987+/-0.369 χ^2/NDF : 1981993.8/55

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: -199.965 $\pm$ 1034.995 χ^2 /NDF:21.0/10

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 2935.151 $\pm$ 1043.573 χ^2 /NDF:7.6/8

Left: 1354.655 $\pm$ 734.866 χ^2 /NDF: 33.1/19

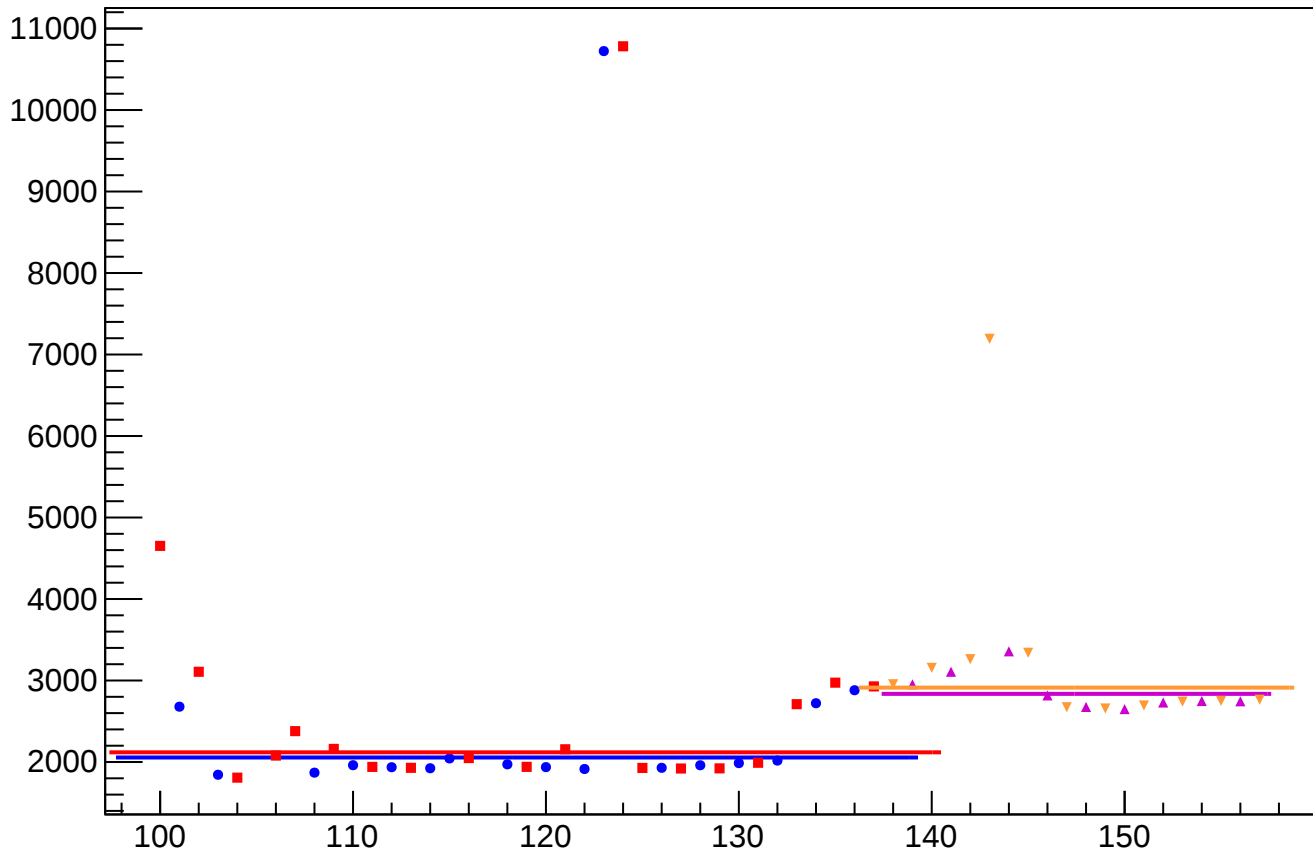
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2255.990 $\pm$ 638.270 χ^2 /NDF:15.5/25

Out: 1475.583 $\pm$ 641.971 χ^2 /NDF:45.4/29

All: 1868.043 $\pm$ 452.628 χ^2 /NDF: 61.6/55

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2912.846+/-0.732 χ^2/NDF : 645564.5/10

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2836.218+/-0.738 χ^2/NDF : 77252.6/8

Left: 2874.849+/-0.520 χ^2/NDF : 728253.3/19

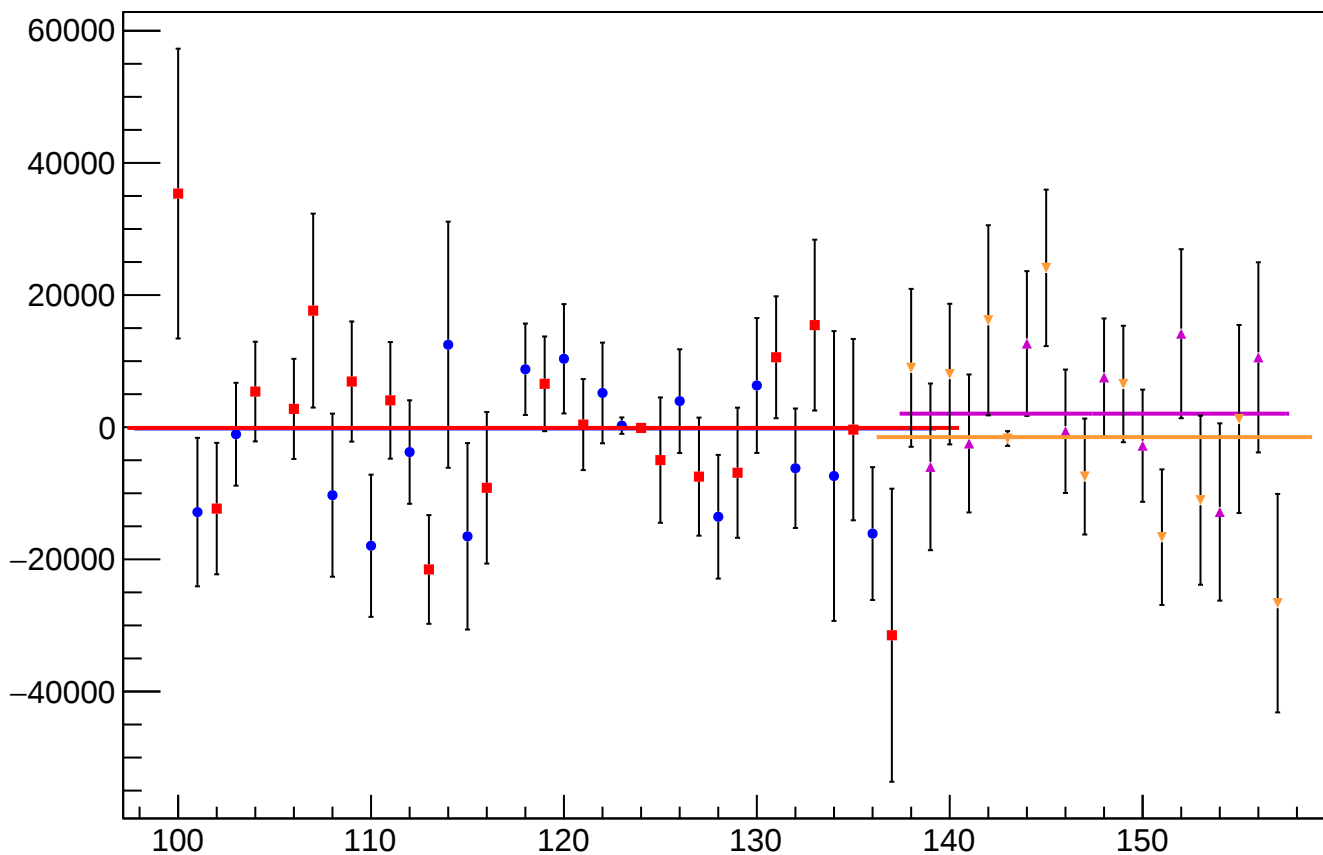
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2347.516+/-0.451 χ^2/NDF : 1094369.1/25

Out: 2423.731+/-0.454 χ^2/NDF : 1944408.2/29

All: 2385.439+/-0.320 χ^2/NDF : 3052966.4/55

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1497.599 ± 1070.988 $\chi^2/\text{NDF}: 14.2/10$

Right Out: -106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

Left In: 2050.899 ± 3576.525 $\chi^2/\text{NDF}: 4.8/8$

Left: -1205.590 ± 1025.976 $\chi^2/\text{NDF}: 19.9/19$

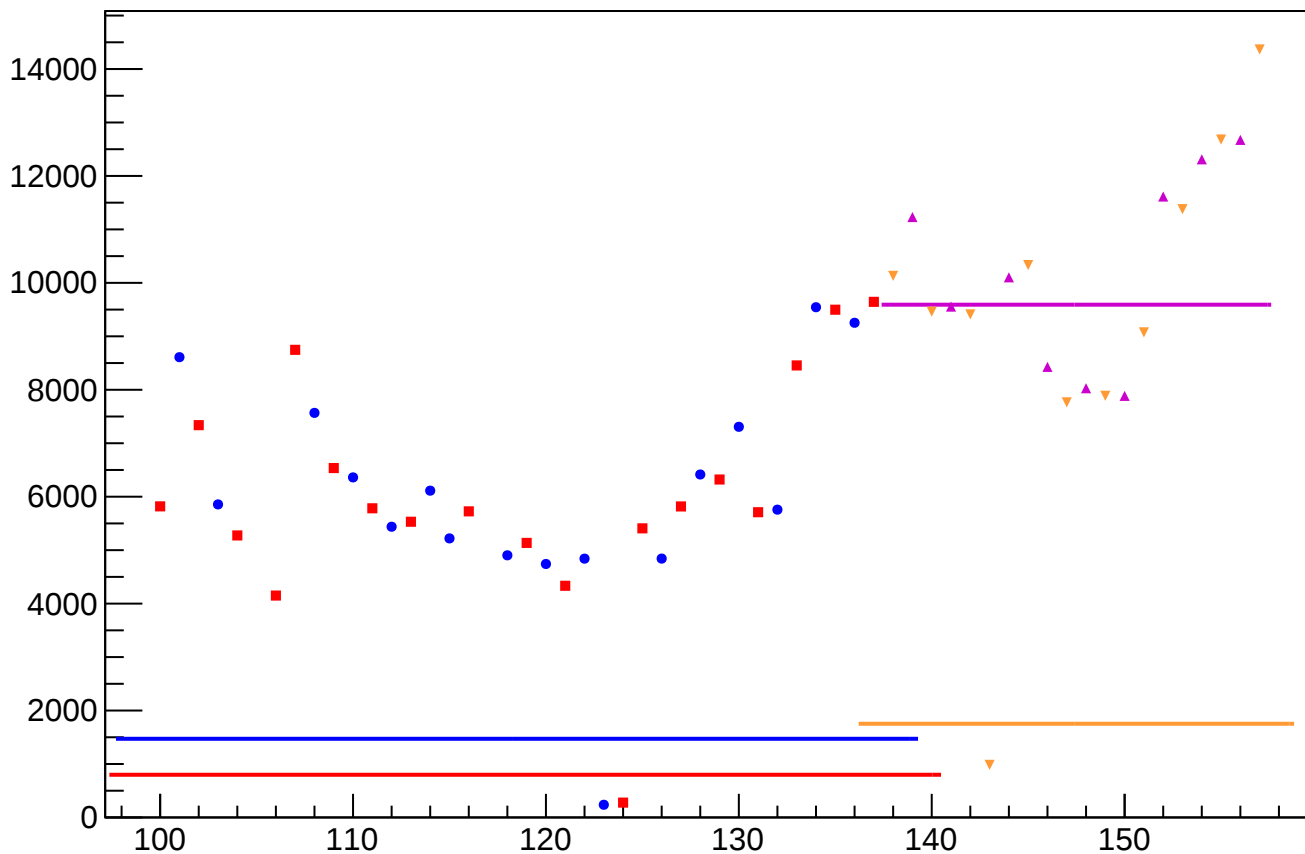
Right: -128.909 ± 585.025 $\chi^2/\text{NDF}: 38.0/35$

In: 8.250 ± 1052.076 $\chi^2/\text{NDF}: 21.5/25$

Out: -515.241 ± 580.419 $\chi^2/\text{NDF}: 36.9/29$

All: -393.089 ± 508.210 $\chi^2/\text{NDF}: 58.7/55$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1752.829+/-0.757

χ^2/NDF : 10989621.3/10

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 9591.468+/-2.529

χ^2/NDF : 435216.9/8

Left: 2397.877+/-0.725

χ^2/NDF : 20241288.6/19

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2174.229+/-0.744

χ^2/NDF : 19640160.8/25

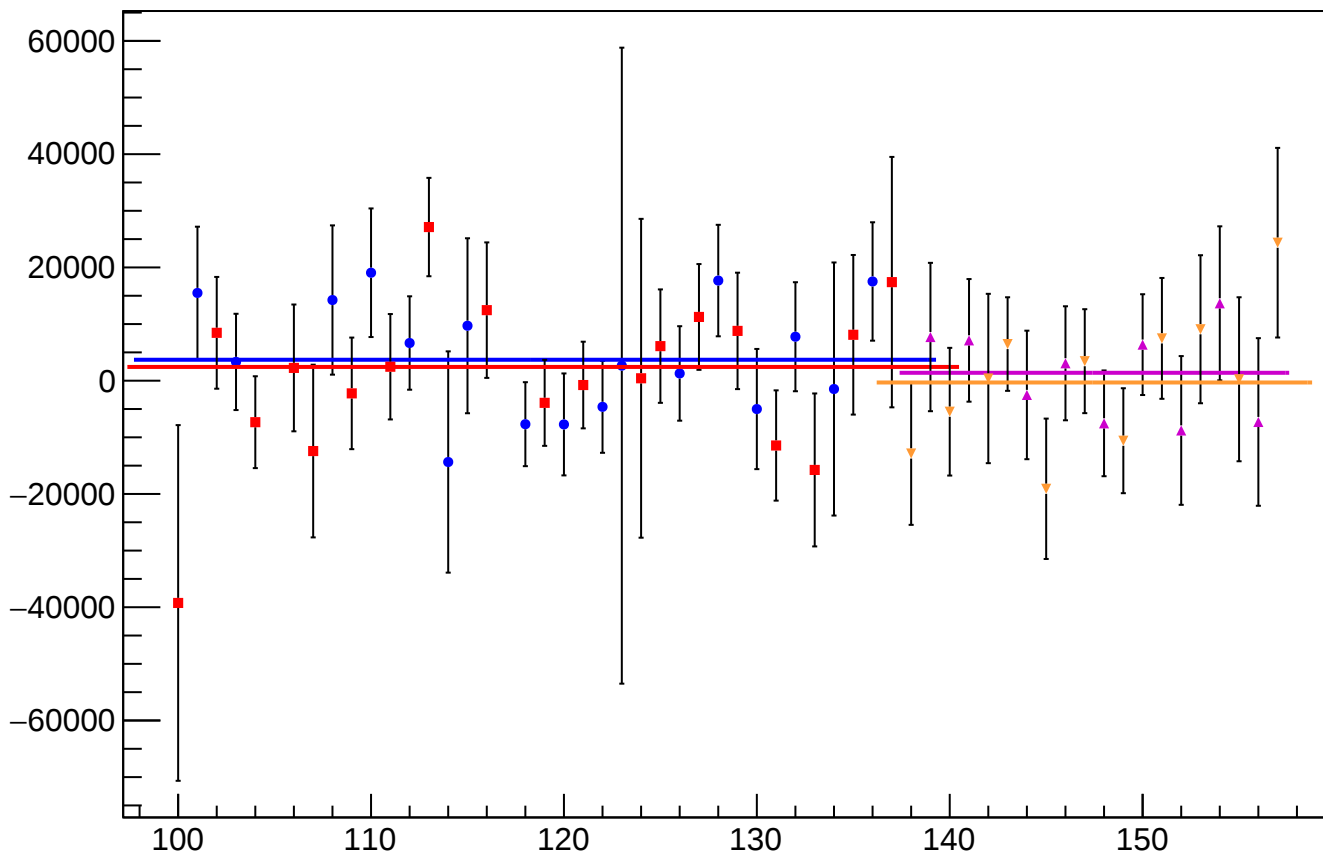
Out: 1078.894+/-0.410

χ^2/NDF : 23638379.2/29

All: 1334.481+/-0.359

χ^2/NDF : 44940540.6/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -316.676+/-3404.319 χ^2/NDF : 8.8/10

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 1395.431+/-3730.443 χ^2/NDF : 3.6/8

Left: 461.282+/-2514.623 χ^2/NDF : 12.6/19

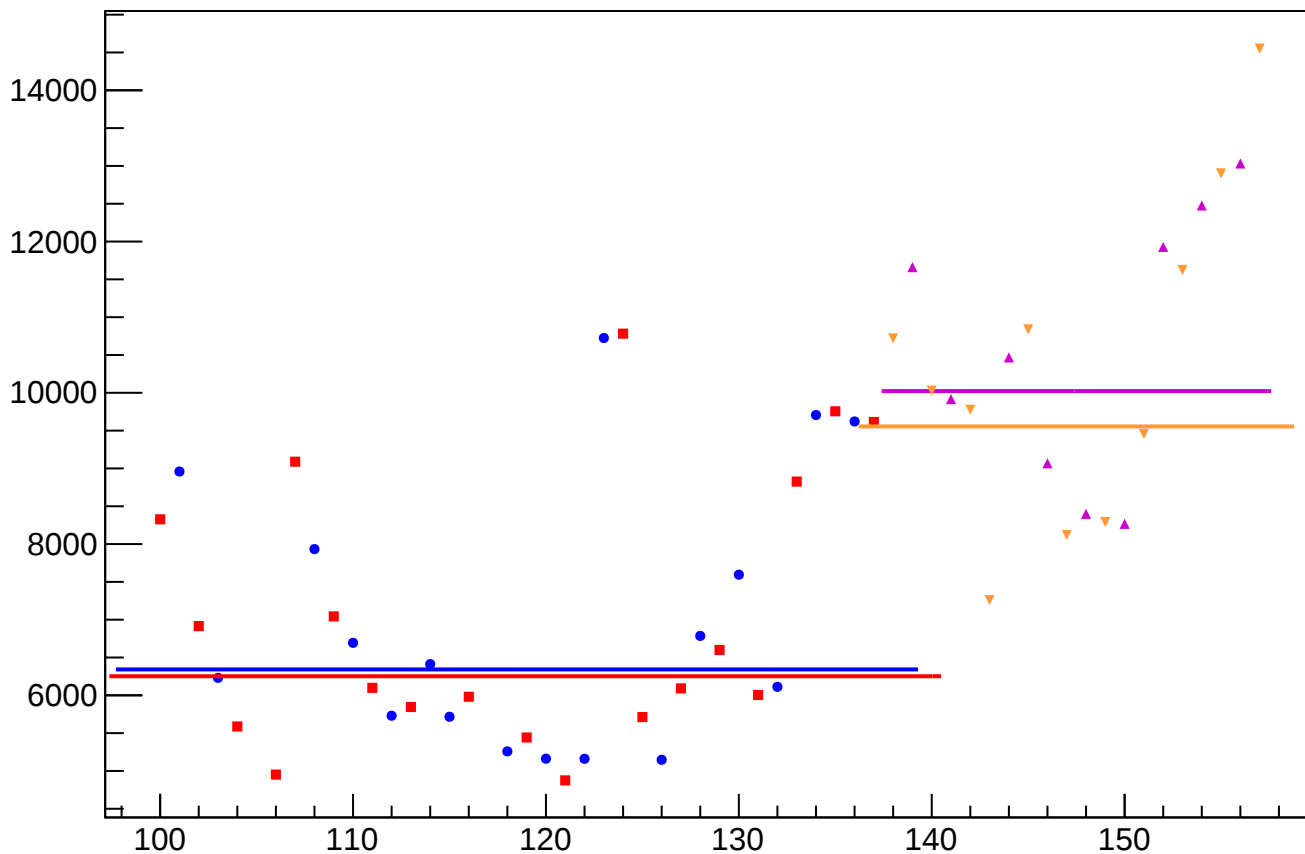
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2977.615+/-2087.025 χ^2/NDF : 18.3/25

Out: 1507.399+/-1973.192 χ^2/NDF : 29.5/29

All: 2201.320+/-1433.811 χ^2/NDF : 48.1/55

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9555.461+/-2.407 χ^2/NDF : 618380.8/10

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10022.642+/-2.638 χ^2/NDF : 380800.3/8

Left: 9767.742+/-1.778 χ^2/NDF : 1016295.7/19

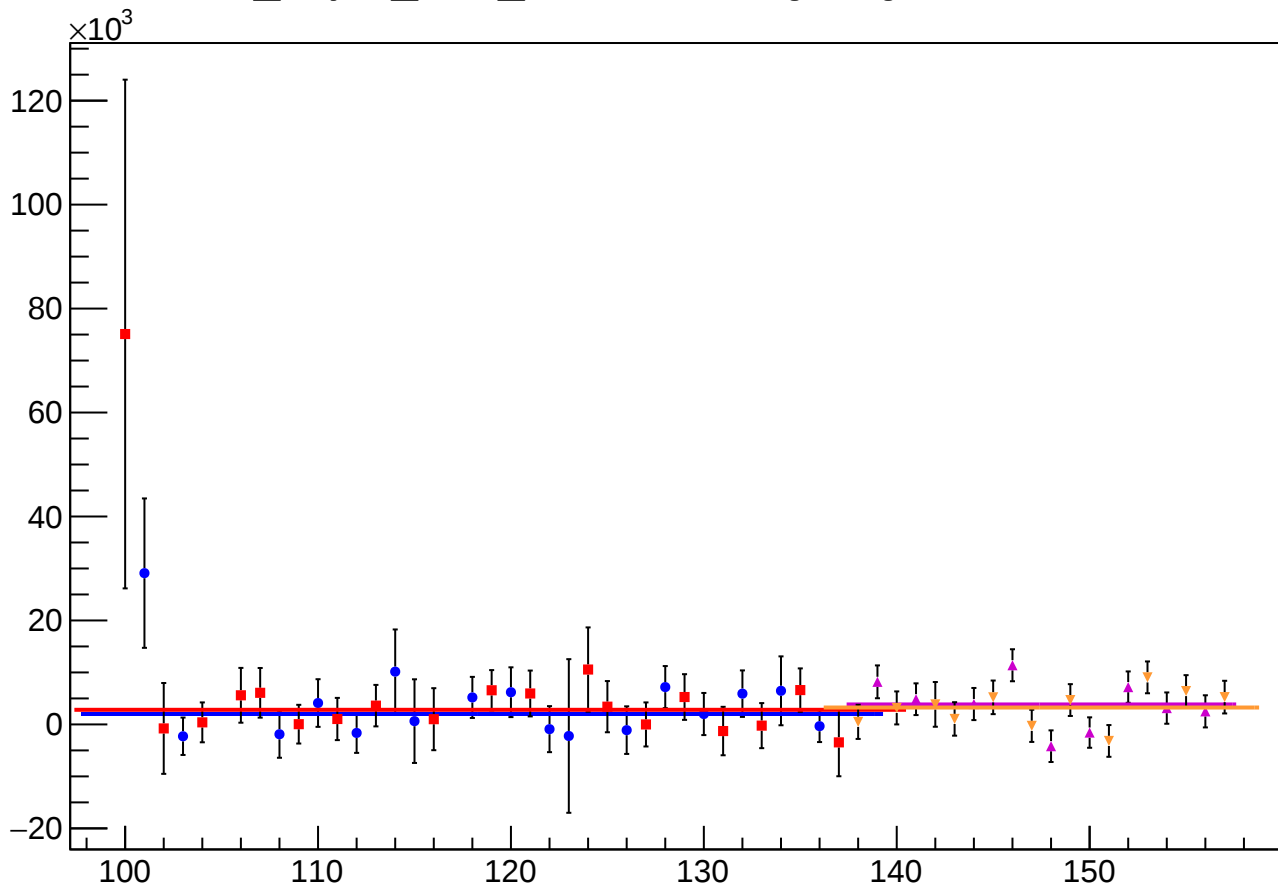
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7494.232+/-1.476 χ^2/NDF : 2311809.4/25

Out: 7361.830+/-1.395 χ^2/NDF : 2406913.7/29

All: 7424.320+/-1.014 χ^2/NDF : 4722973.5/55

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 3250.863 $\pm$ 965.933 χ^2/NDF : 12.6/10

Right Out: 2811.702 $\pm$ 1086.544 χ^2/NDF : 10.5/18

Left In: 3840.882 $\pm$ 1016.809 χ^2/NDF : 19.8/8

Left: 3530.743 $\pm$ 700.313 χ^2/NDF : 32.6/19

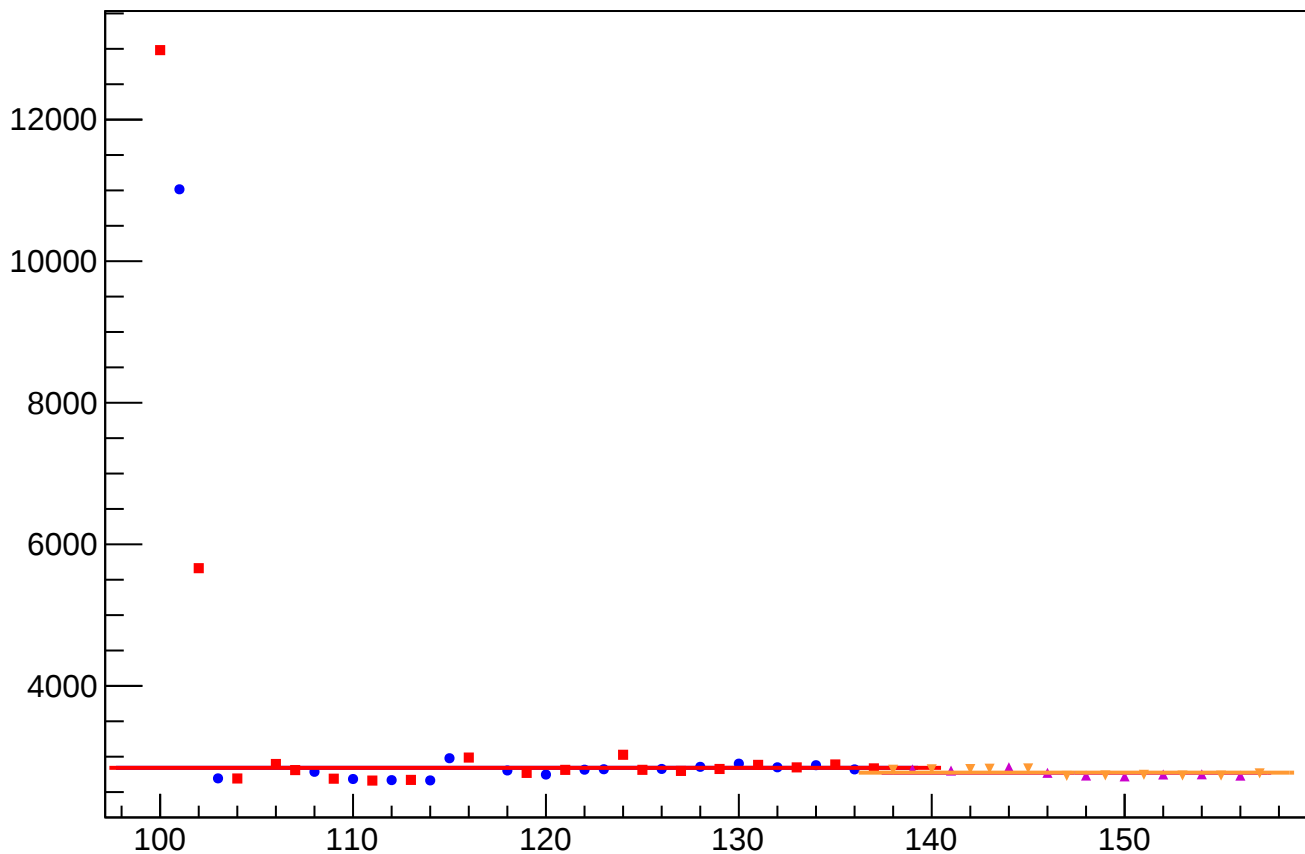
Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35

In: 3015.606 $\pm$ 754.480 χ^2/NDF : 35.0/25

Out: 3057.000 $\pm$ 721.909 χ^2/NDF : 23.2/29

All: 3037.216 $\pm$ 521.601 χ^2/NDF : 58.2/55

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2774.531+/-0.683 χ^2/NDF : 4053.5/10

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2769.655+/-0.719 χ^2/NDF : 3432.4/8

Left: 2772.218+/-0.495 χ^2/NDF : 7510.1/19

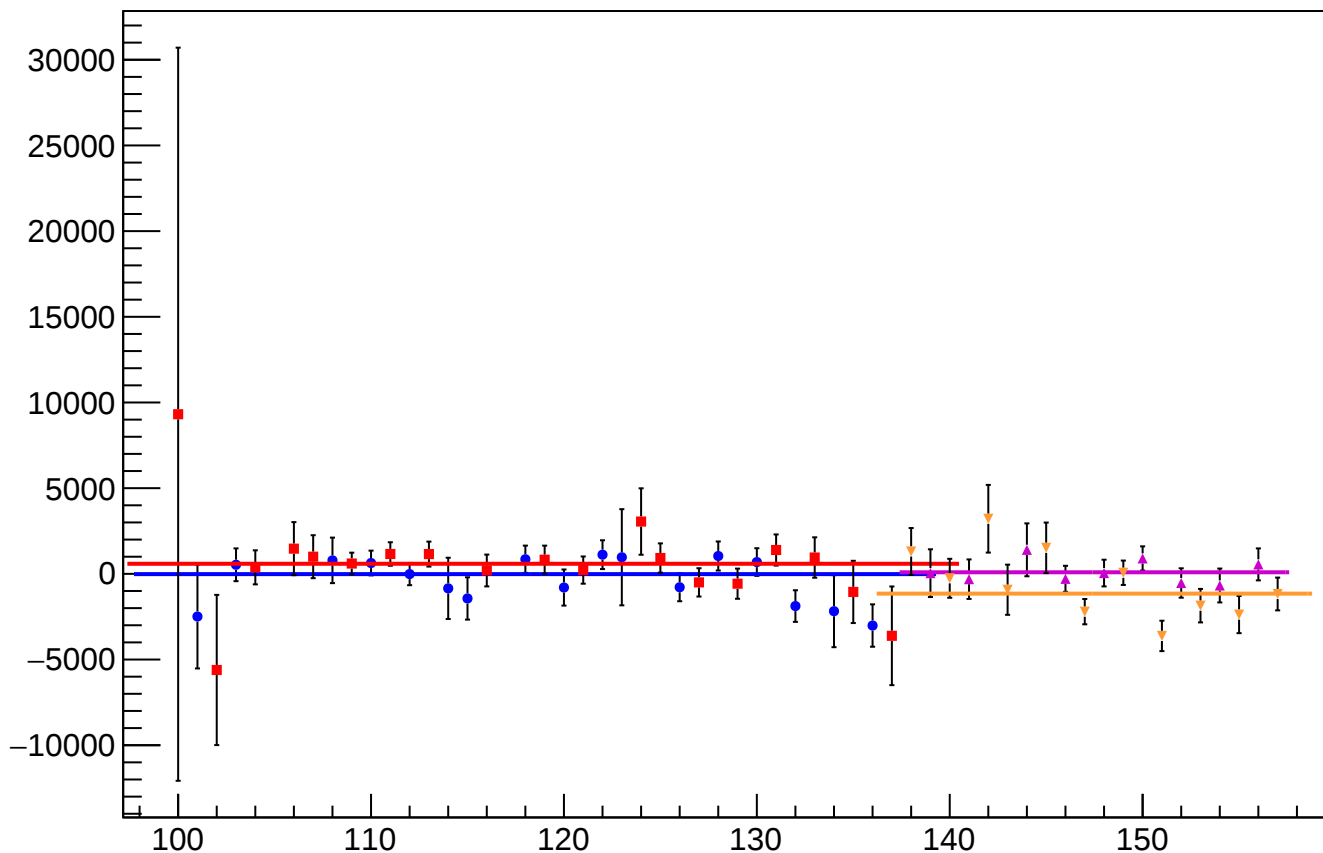
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2802.451+/-0.533 χ^2/NDF : 668367.0/25

Out: 2804.509+/-0.510 χ^2/NDF : 320752.9/29

All: 2803.525+/-0.369 χ^2/NDF : 989127.7/55

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1153.522 ± 307.673 χ^2/NDF : 26.6/10

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 91.540 ± 307.056 χ^2/NDF : 3.8/8

Left: -529.741 ± 217.339 χ^2/NDF : 38.5/19

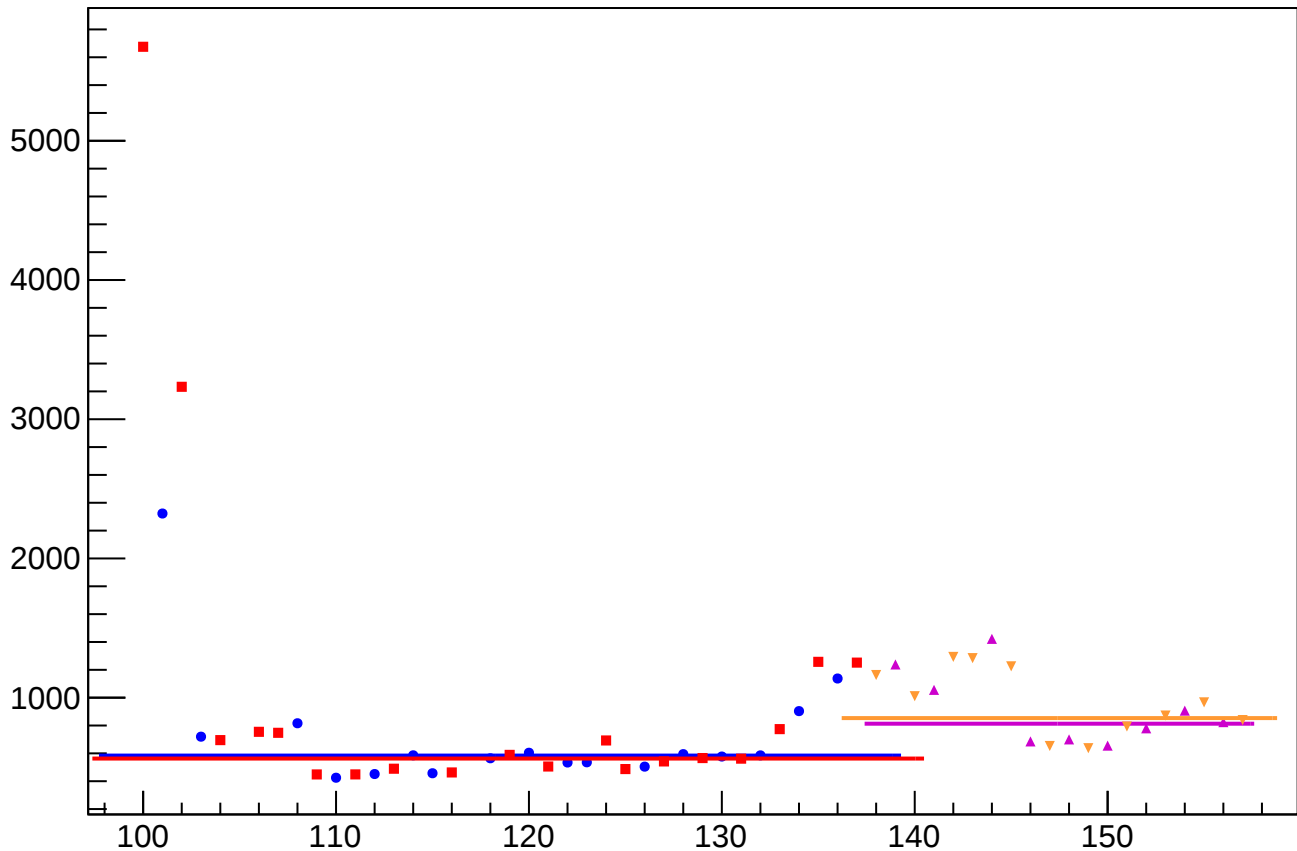
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 24.773 ± 188.534 χ^2/NDF : 25.5/25

Out: -21.254 ± 182.037 χ^2/NDF : 60.9/29

All: 0.952 ± 130.956 χ^2/NDF : 86.4/55

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 853.314+/-0.218 χ^2/NDF : 904098.9/10

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 813.049+/-0.217 χ^2/NDF : 806314.9/8

Left: 833.141+/-0.154 χ^2/NDF : 1727575.0/19

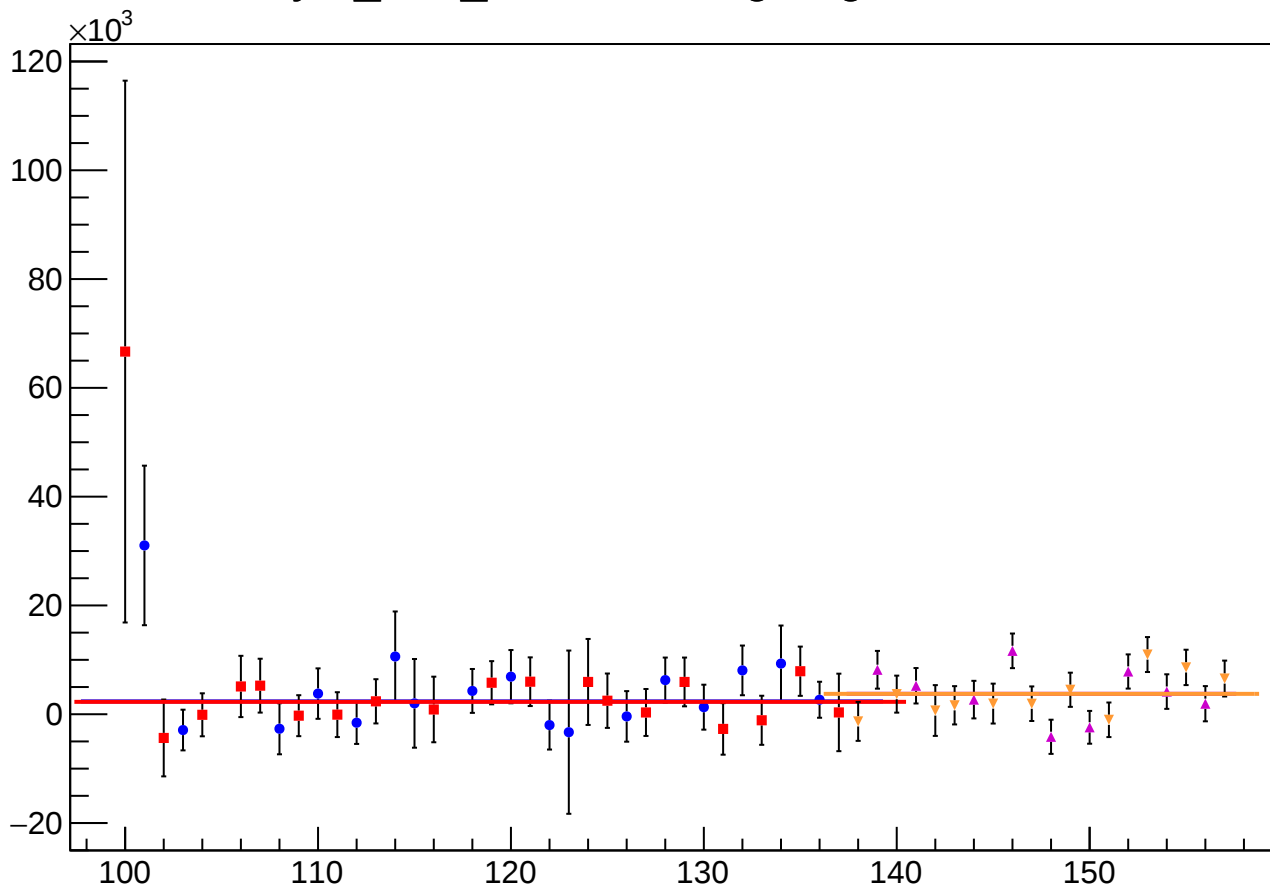
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 670.387+/-0.133 χ^2/NDF : 2935921.0/25

Out: 664.426+/-0.129 χ^2/NDF : 3703467.4/29

All: 667.302+/-0.093 χ^2/NDF : 6640423.0/55

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3746.227 $\pm$ 1026.866 χ^2 /NDF:13.7/10

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 3755.063 $\pm$ 1074.071 χ^2 /NDF:20.6/8

Left: 3750.447 $\pm$ 742.231 χ^2 /NDF: 34.3/19

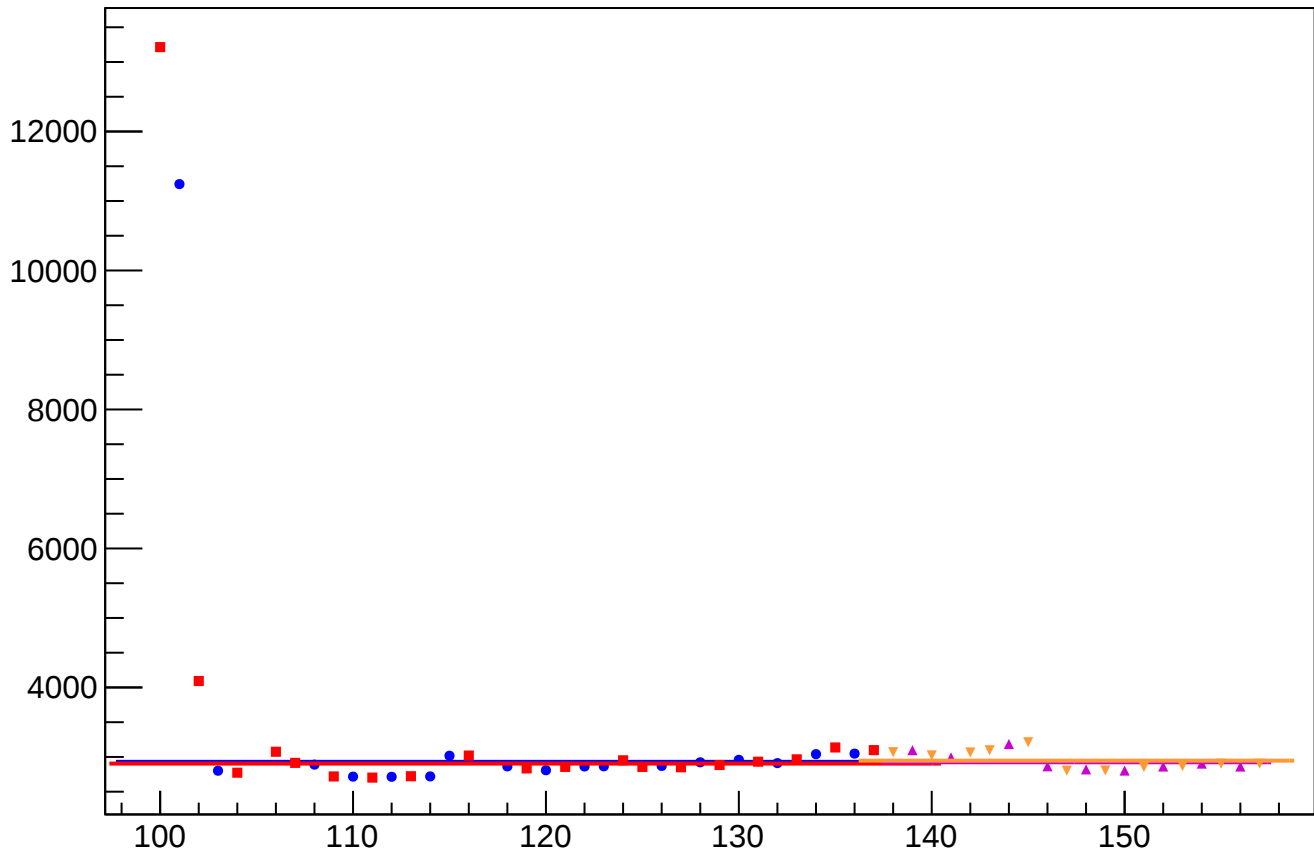
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3112.368 $\pm$ 788.094 χ^2 /NDF:36.5/25

Out: 3070.010 $\pm$ 754.301 χ^2 /NDF:24.8/29

All: 3090.262 $\pm$ 544.927 χ^2 /NDF: 61.3/55

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2946.624+/-0.726 χ^2/NDF : 30206.0/10

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2923.391+/-0.759 χ^2/NDF : 24997.1/8

Left: 2935.529+/-0.525 χ^2/NDF : 55692.0/19

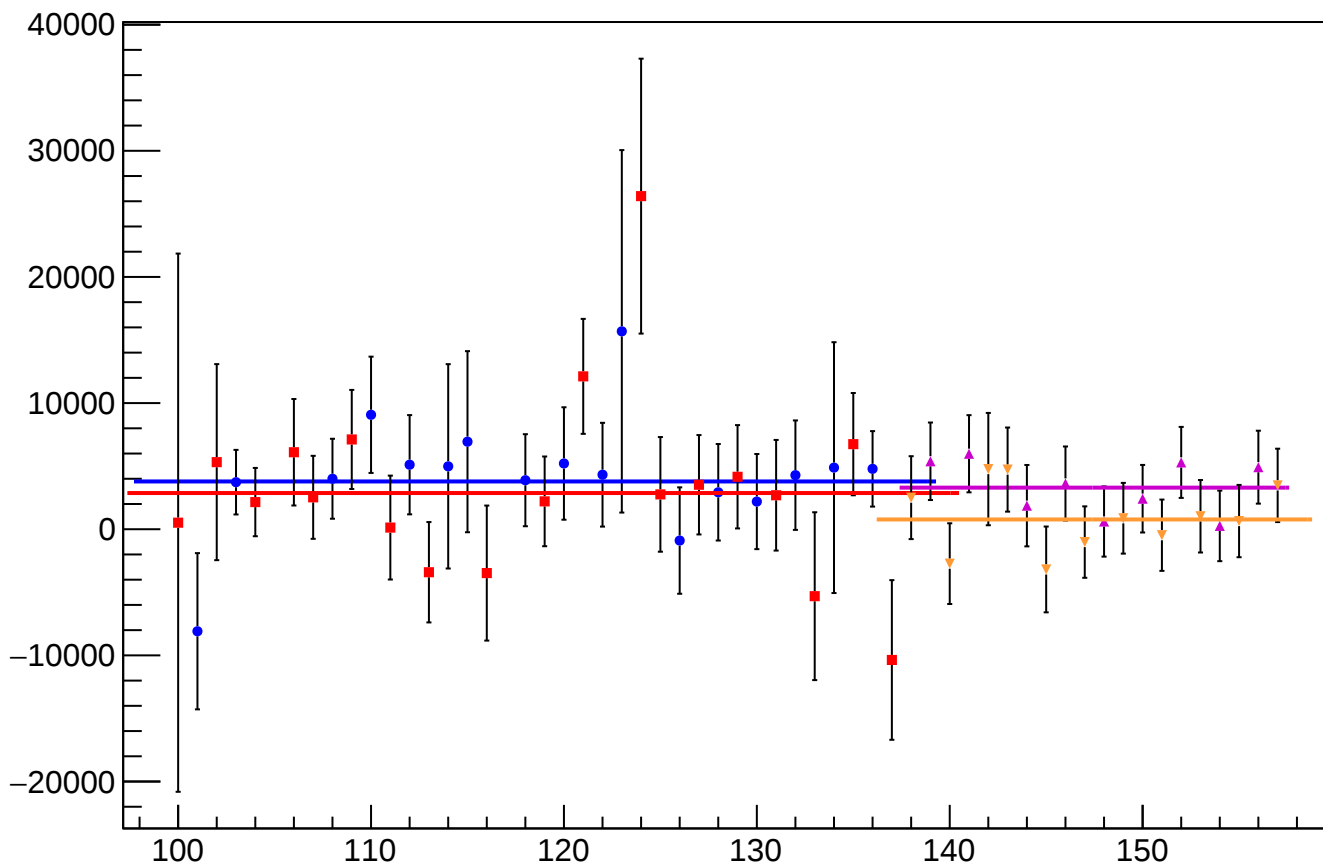
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2926.282+/-0.557 χ^2/NDF : 687657.5/25

Out: 2927.262+/-0.533 χ^2/NDF : 201039.1/29

All: 2926.793+/-0.385 χ^2/NDF : 888698.2/55

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 773.973+/-930.249 χ^2/NDF : 6.5/10

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3297.044+/-967.981 χ^2/NDF : 4.5/8

Left: 1985.376+/-670.728 χ^2/NDF : 14.5/19

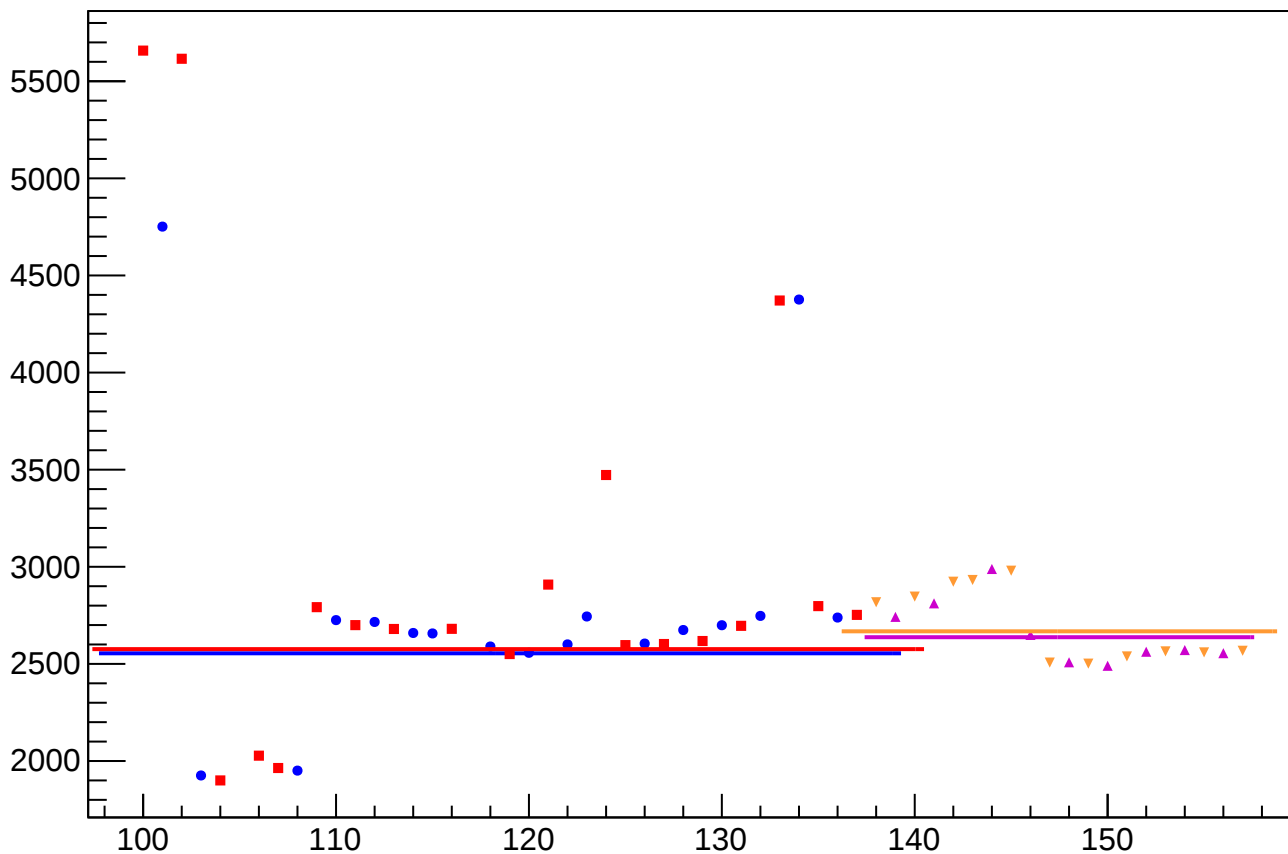
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3532.477+/-698.225 χ^2/NDF : 12.3/25

Out: 1743.018+/-682.046 χ^2/NDF : 30.9/29

All: 2616.775+/-487.899 χ^2/NDF : 46.6/55

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2667.734 $\pm$ 0.658 χ^2 /NDF: 71902.1/10

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2637.388 $\pm$ 0.684 χ^2 /NDF: 47057.0/8

Left: 2653.164 $\pm$ 0.474 χ^2 /NDF: 119980.9/19

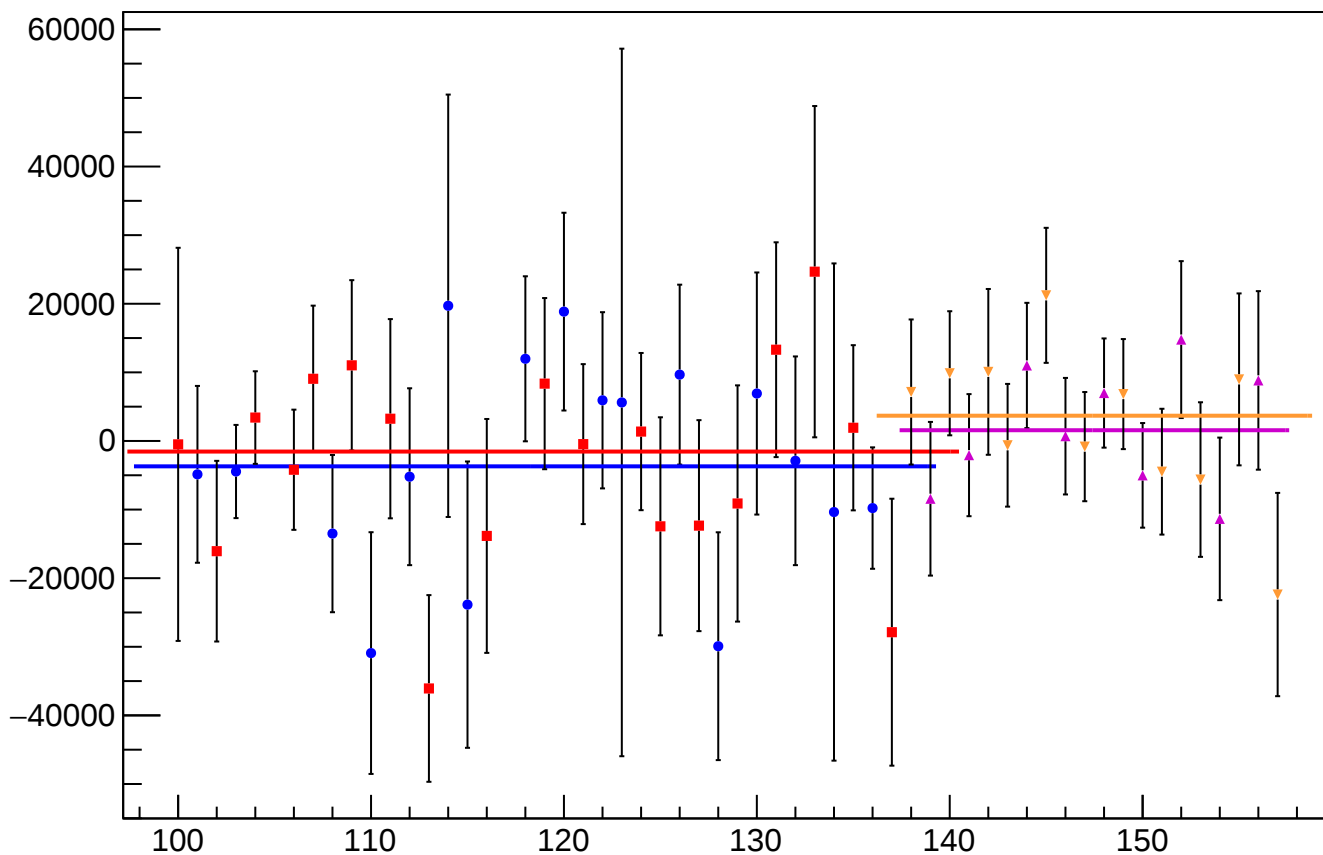
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2597.645 $\pm$ 0.494 χ^2 /NDF: 590711.5/25

Out: 2625.330 $\pm$ 0.482 χ^2 /NDF: 846041.4/29

All: 2611.814 $\pm$ 0.345 χ^2 /NDF: 1438362.2/55

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 3681.939 $\pm$ 2976.318 χ^2/NDF : 9.5/10

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 1564.798 $\pm$ 3160.172 χ^2/NDF : 6.1/8

Left: 2686.743 $\pm$ 2166.657 χ^2/NDF : 15.8/19

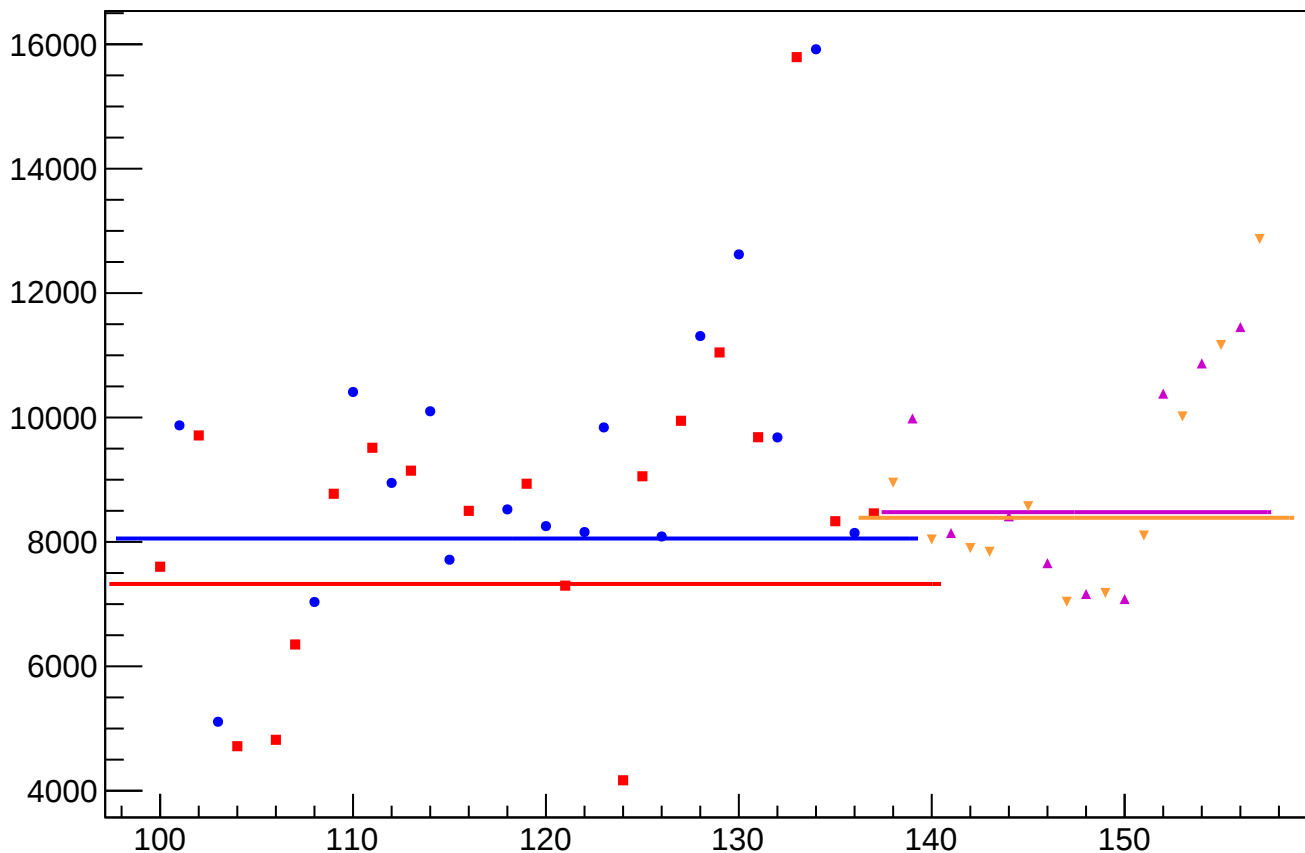
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -1019.765 $\pm$ 2254.693 χ^2/NDF : 21.3/25

Out: 997.829 $\pm$ 2075.908 χ^2/NDF : 27.9/29

All: 72.185 $\pm$ 1527.188 χ^2/NDF : 49.5/55

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8388.104 $\pm$ 2.105 χ^2 /NDF: 448095.4/10

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8478.606 $\pm$ 2.235 χ^2 /NDF: 421133.1/8

Left: 8430.646 $\pm$ 1.532 χ^2 /NDF: 870097.7/19

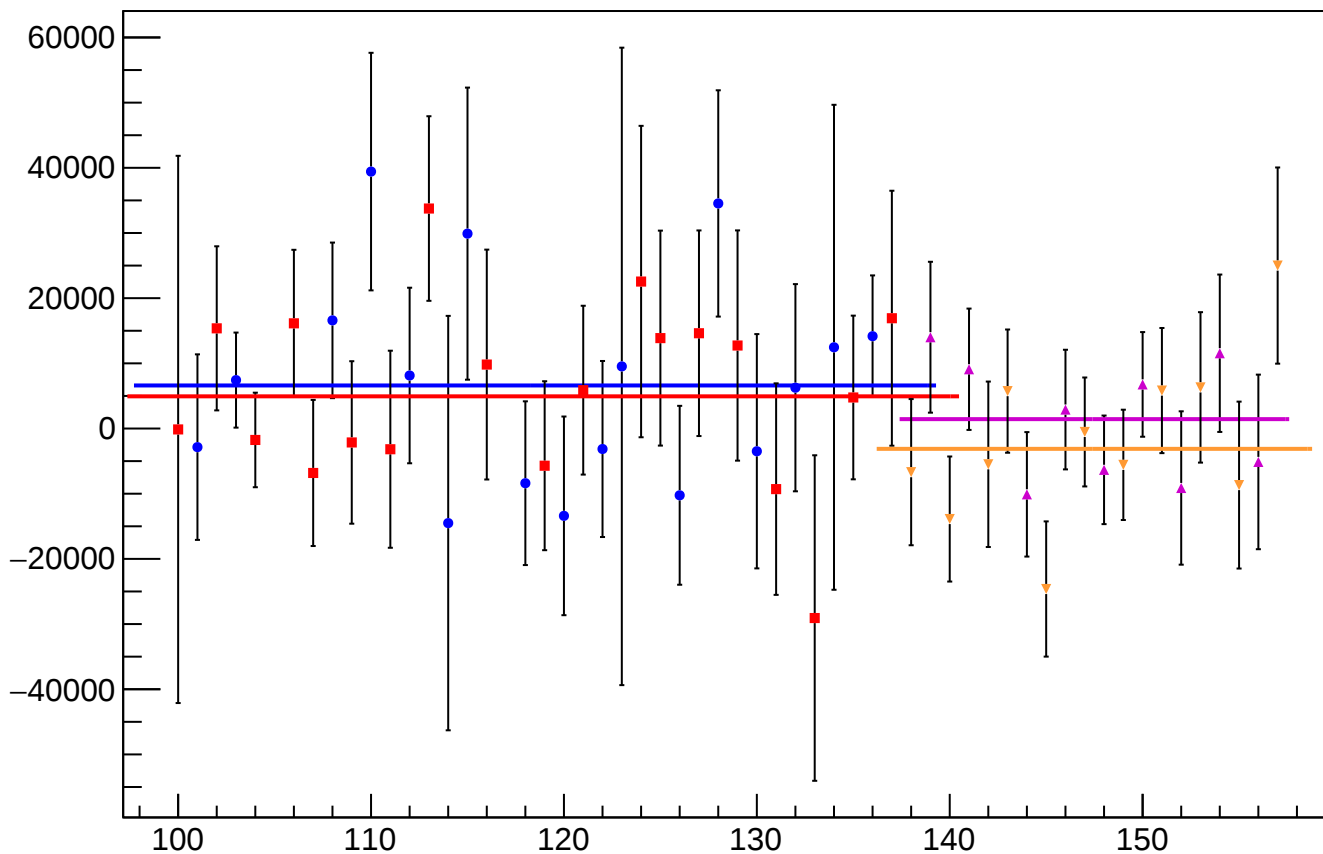
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8270.521 $\pm$ 1.594 χ^2 /NDF: 1259558.6/25

Out: 7841.806 $\pm$ 1.468 χ^2 /NDF: 1915450.9/29

All: 8038.495 $\pm$ 1.080 χ^2 /NDF: 3214144.3/55

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -3117.355+/-3120.921 χ^2/NDF : 12.0/10

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1440.977+/-3307.075 χ^2/NDF : 6.4/8

Left: -970.087+/-2269.782 χ^2/NDF : 19.4/19

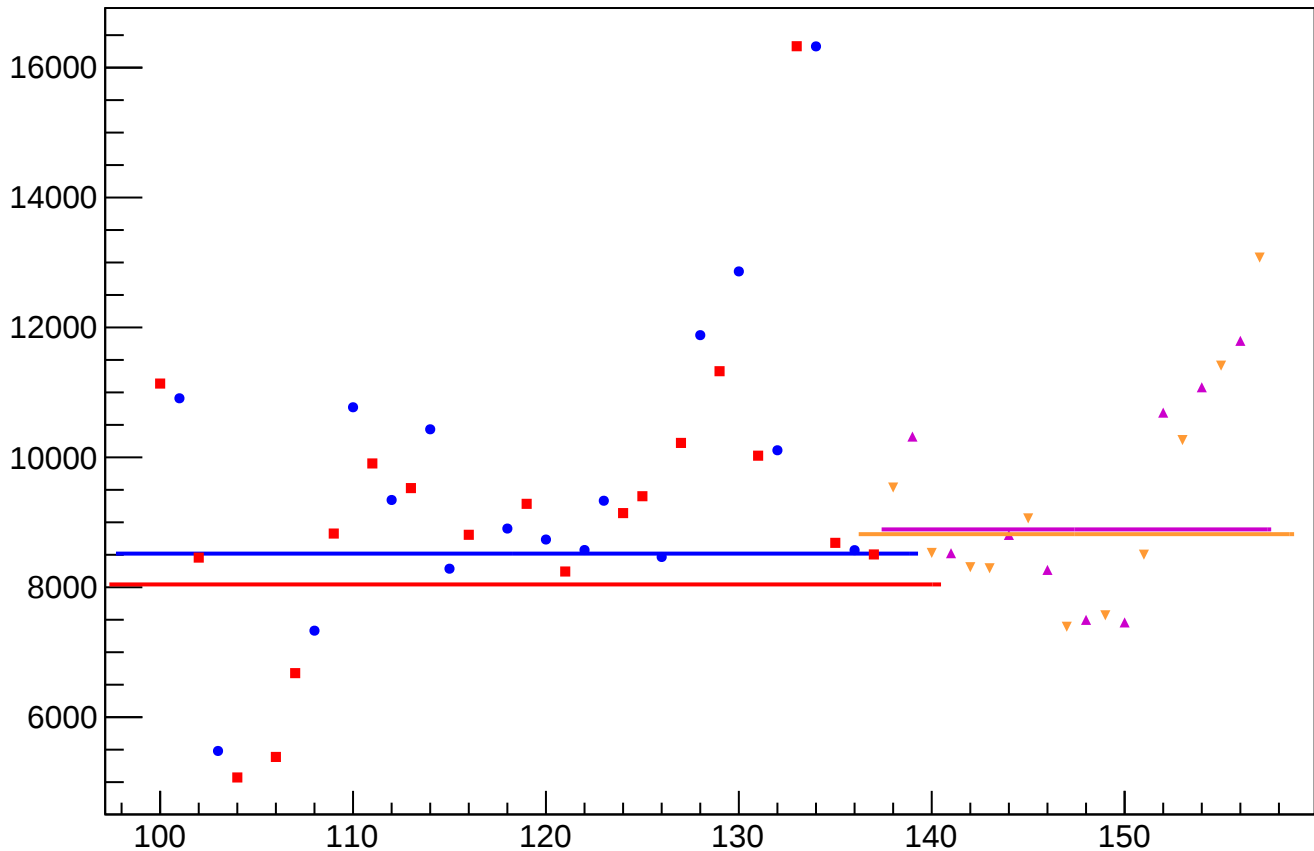
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3955.729+/-2369.224 χ^2/NDF : 22.3/25

Out: 850.626+/-2223.216 χ^2/NDF : 28.8/29

All: 2304.556+/-1621.212 χ^2/NDF : 52.0/55

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8817.702+/-2.207 χ^2/NDF : 398184.5/10

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8890.931+/-2.338 χ^2/NDF : 368868.8/8

Left: 8852.197+/-1.605 χ^2/NDF : 767572.0/19

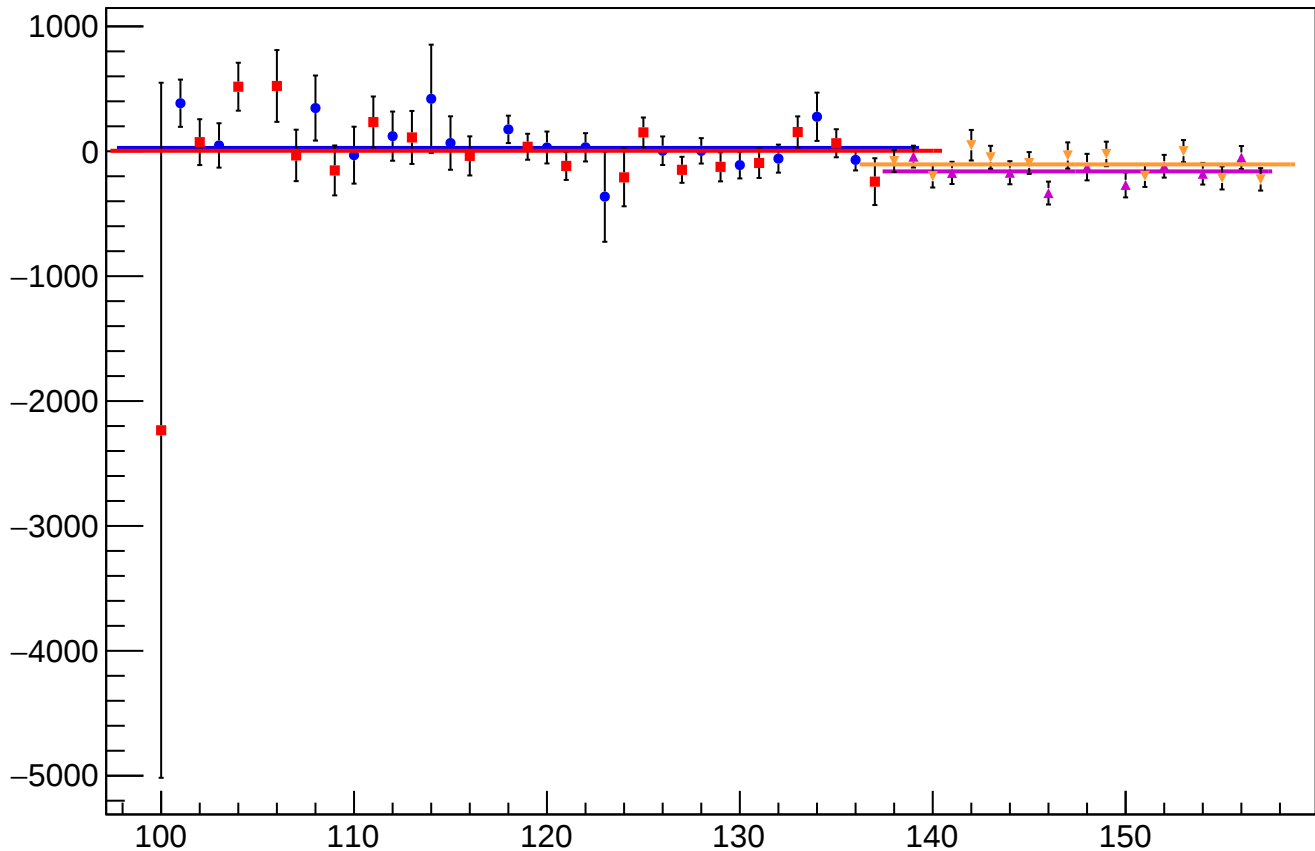
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8709.537+/-1.675 χ^2/NDF : 1153225.4/25

Out: 8436.484+/-1.572 χ^2/NDF : 1412340.3/29

All: 8564.336+/-1.146 χ^2/NDF : 2579692.3/55

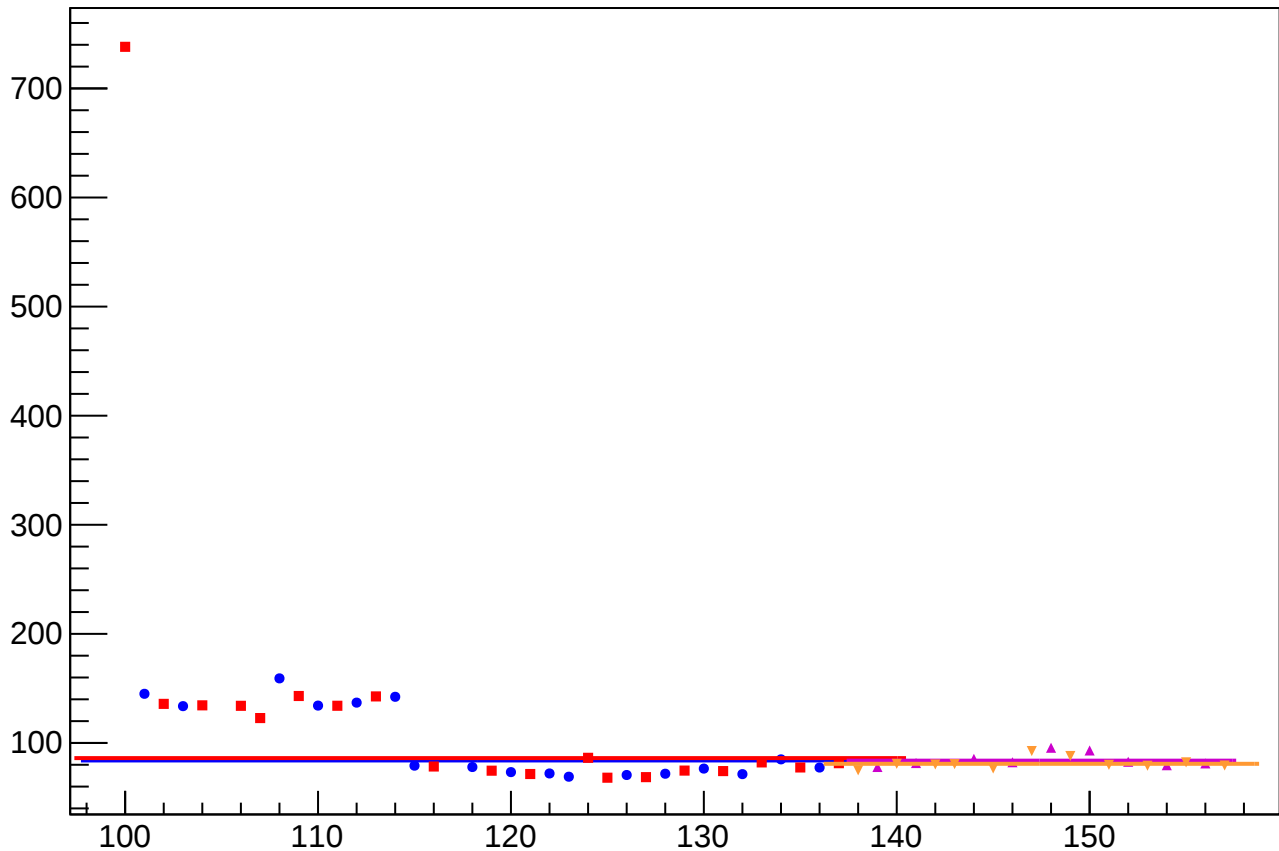
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -105.042 ± 28.184 $\chi^2/\text{NDF}: 10.0/10$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -161.110 ± 30.801 $\chi^2/\text{NDF}: 8.4/8$

Left: -130.593 ± 20.793 $\chi^2/\text{NDF}: 20.2/19$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -75.418 ± 22.713 $\chi^2/\text{NDF}: 39.9/25$
Out: -60.378 ± 21.657 $\chi^2/\text{NDF}: 40.7/29$
All: -67.540 ± 15.674 $\chi^2/\text{NDF}: 80.9/55$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.883 $\pm$ 0.020 χ^2 /NDF: 51835.2/10

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.769 $\pm$ 0.022 χ^2 /NDF: 59747.4/8

Left: 82.199 $\pm$ 0.015 χ^2 /NDF: 121137.6/19

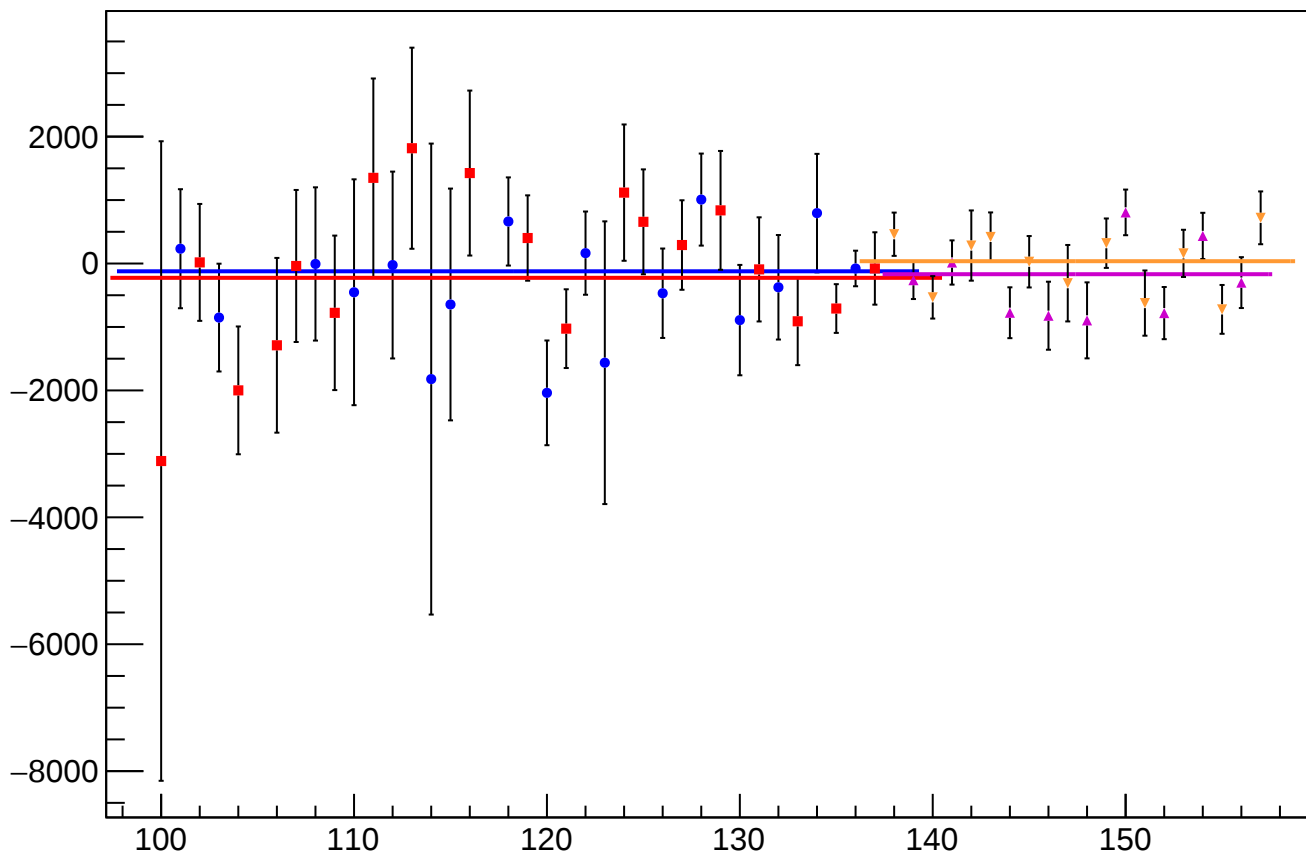
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.857 $\pm$ 0.016 χ^2 /NDF: 1020036.2/25

Out: 83.024 $\pm$ 0.015 χ^2 /NDF: 1216216.4/29

All: 83.420 $\pm$ 0.011 χ^2 /NDF: 2237661.8/55

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: 36.589 ± 122.657 χ^2/NDF : 14.8/10

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -168.419 ± 129.712 χ^2/NDF : 18.1/8

Left: -60.188 ± 89.121 χ^2/NDF : 34.2/19

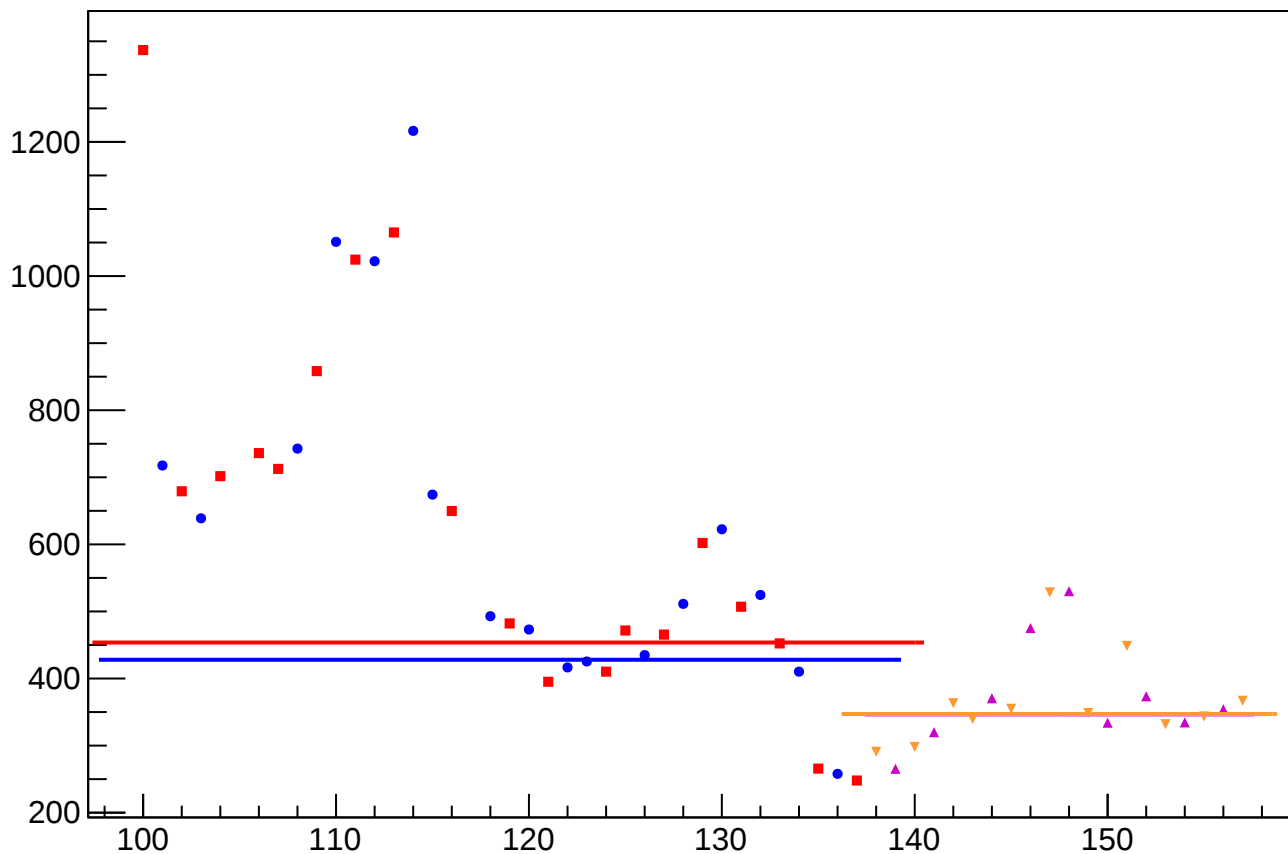
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -152.646 ± 105.152 χ^2/NDF : 31.1/25

Out: -43.432 ± 102.225 χ^2/NDF : 34.6/29

All: -96.498 ± 73.297 χ^2/NDF : 66.3/55

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 347.102+/-0.087 χ^2/NDF : 368101.2/10

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 346.510+/-0.092 χ^2/NDF : 484898.6/8

Left: 346.823+/-0.063 χ^2/NDF : 853021.8/19

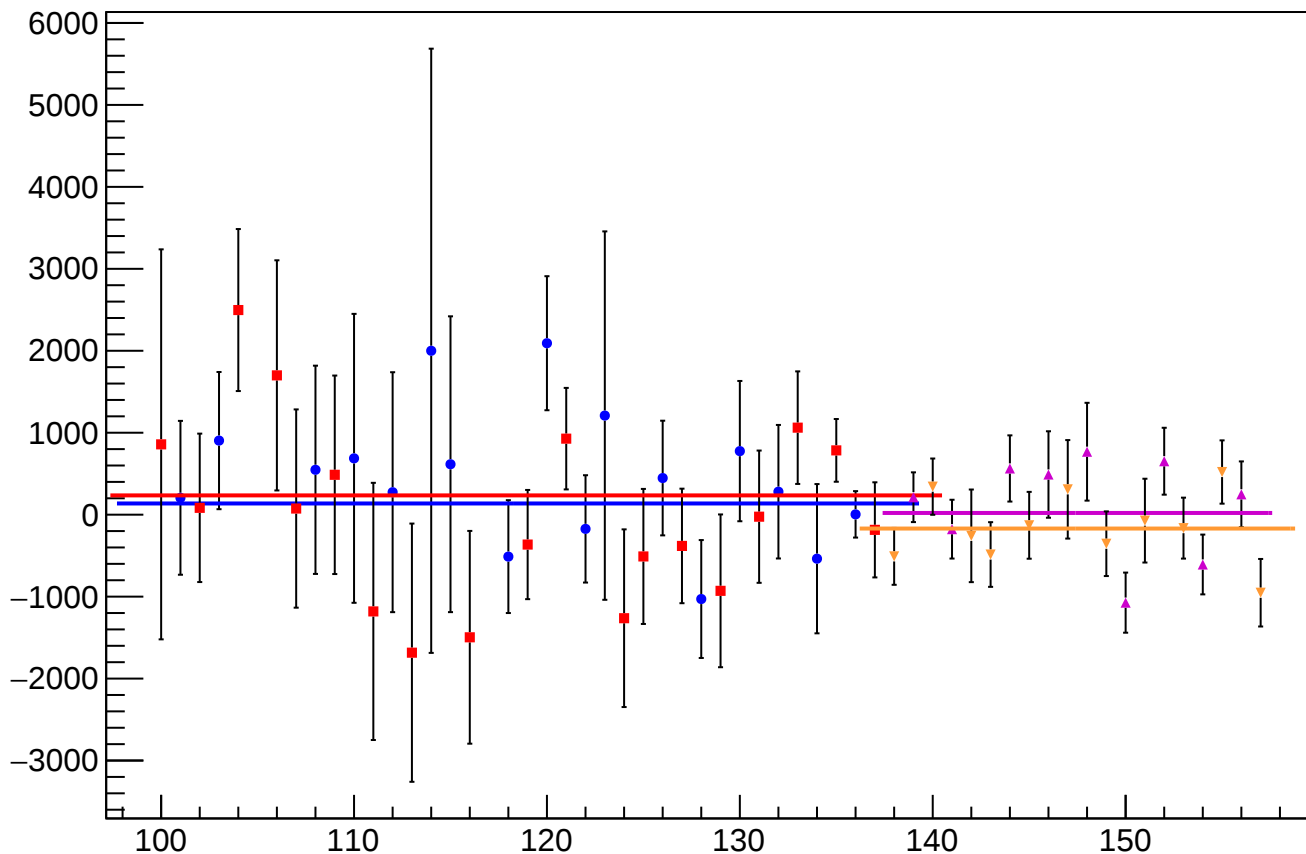
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 374.443+/-0.074 χ^2/NDF : 2817667.4/25

Out: 379.658+/-0.072 χ^2/NDF : 2963995.5/29

All: 377.124+/-0.052 χ^2/NDF : 5784192.3/55

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -169.207 $\pm$ 123.831 χ^2 /NDF: 11.5/10

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: 21.030 $\pm$ 130.949 χ^2 /NDF: 19.5/8

Left: -79.399 $\pm$ 89.973 χ^2 /NDF: 32.1/19

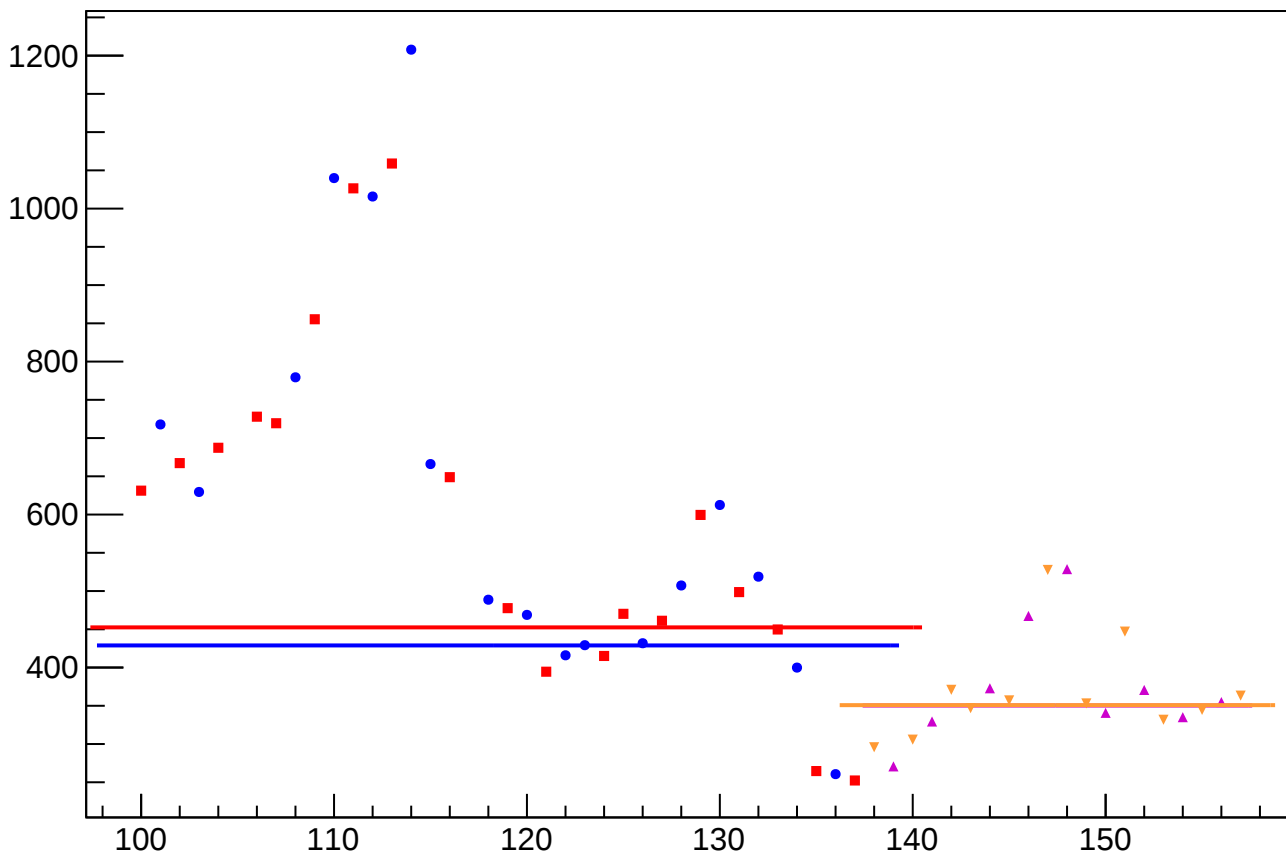
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 61.213 $\pm$ 105.812 χ^2 /NDF: 32.3/25

Out: -43.122 $\pm$ 102.737 χ^2 /NDF: 36.7/29

All: 7.507 $\pm$ 73.709 χ^2 /NDF: 69.5/55

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 350.821+/-0.088 χ^2/NDF :339517.3/10

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 350.299+/-0.093 χ^2/NDF :437813.6/8

Left: 350.575+/-0.064 χ^2/NDF : 777347.6/19

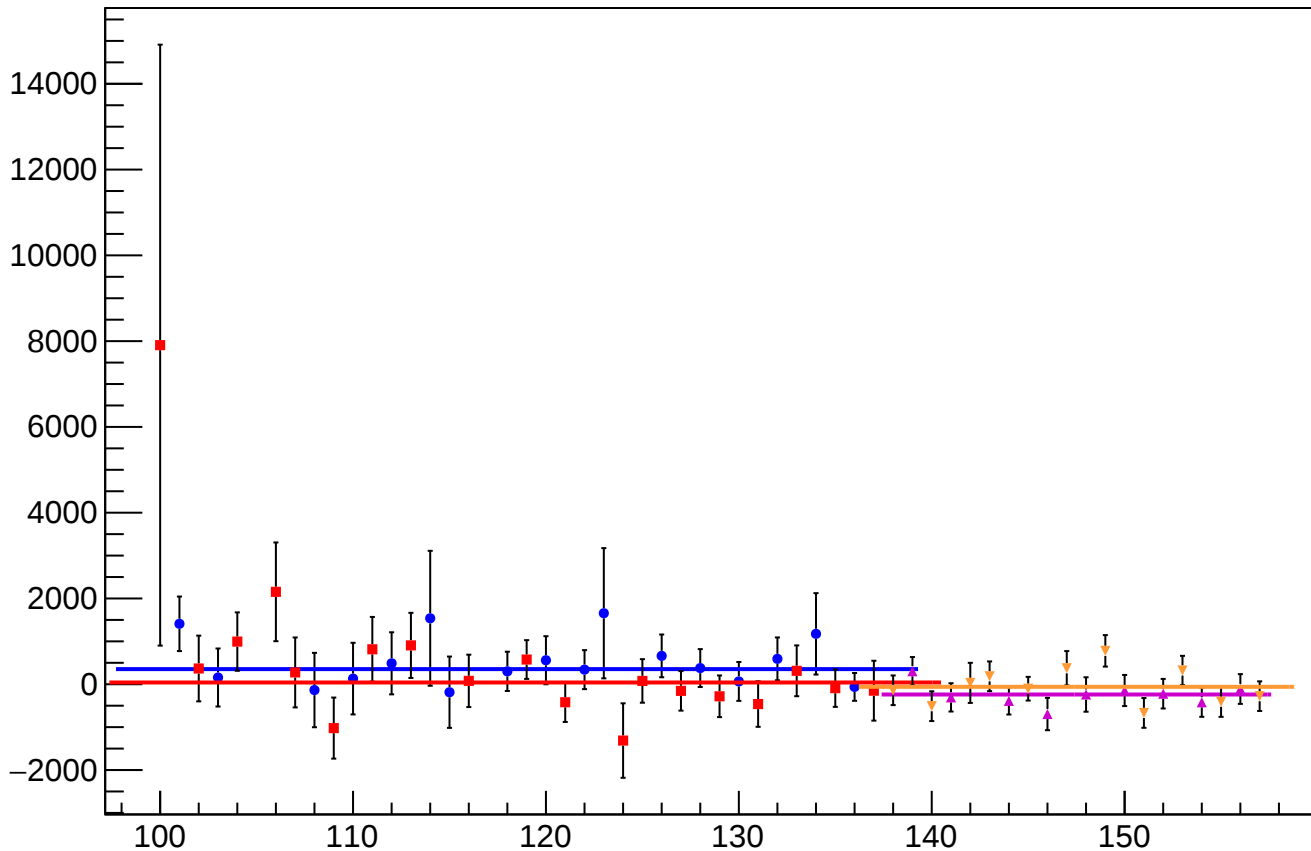
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 377.576+/-0.075 χ^2/NDF :2698426.9/25

Out: 382.507+/-0.073 χ^2/NDF :2801782.5/29

All: 380.114+/-0.052 χ^2/NDF : 5502445.7/55

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -60.060 ± 105.588 χ^2/NDF : 14.4/10

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -238.962 ± 115.815 χ^2/NDF : 4.9/8

Left: -141.265 ± 78.028 χ^2/NDF : 20.6/19

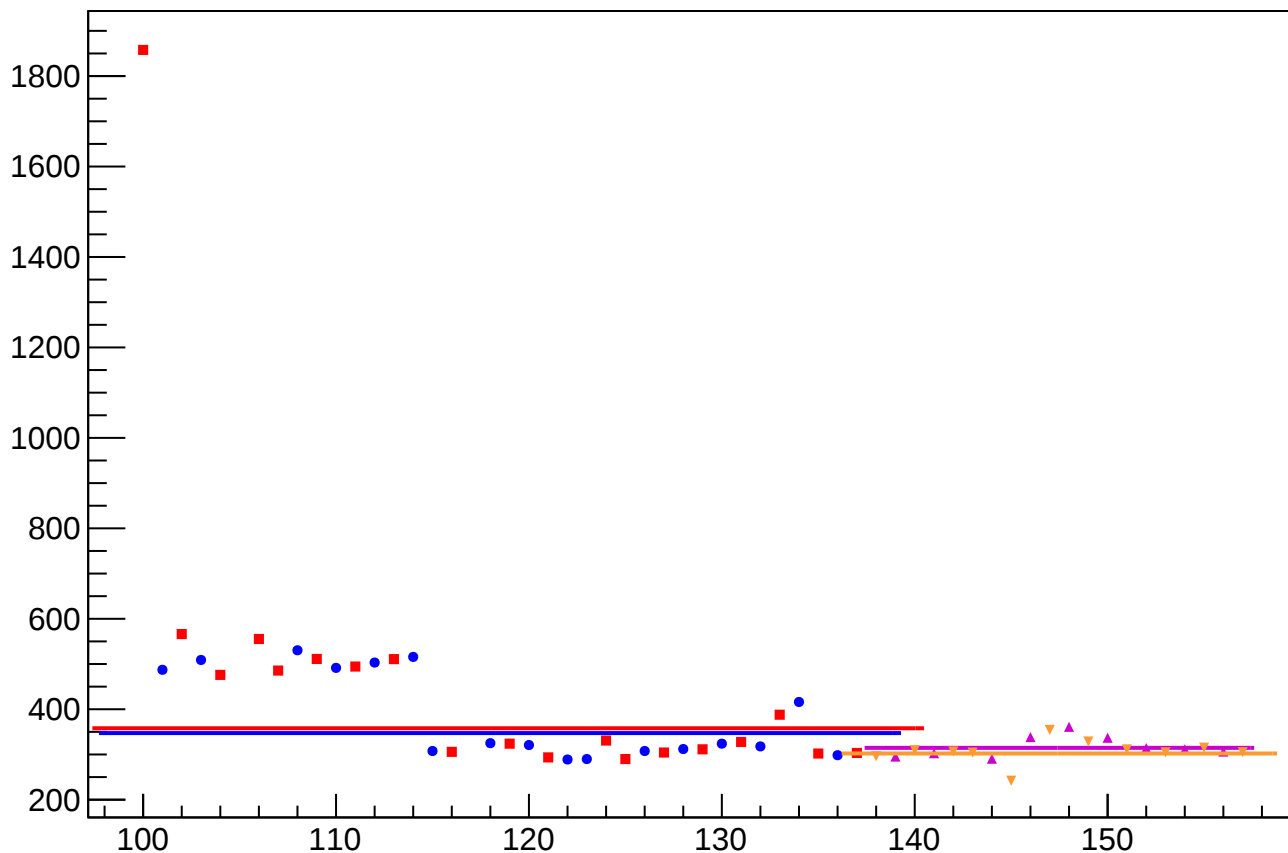
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 7.106 ± 88.526 χ^2/NDF : 24.3/25

Out: -23.052 ± 84.080 χ^2/NDF : 32.9/29

All: -8.750 ± 60.965 χ^2/NDF : 57.3/55

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.190+/-0.075 χ^2/NDF :145176.3/10

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 314.657+/-0.082 χ^2/NDF :64493.9/8

Left: 307.849+/-0.055 χ^2/NDF : 222324.7/19

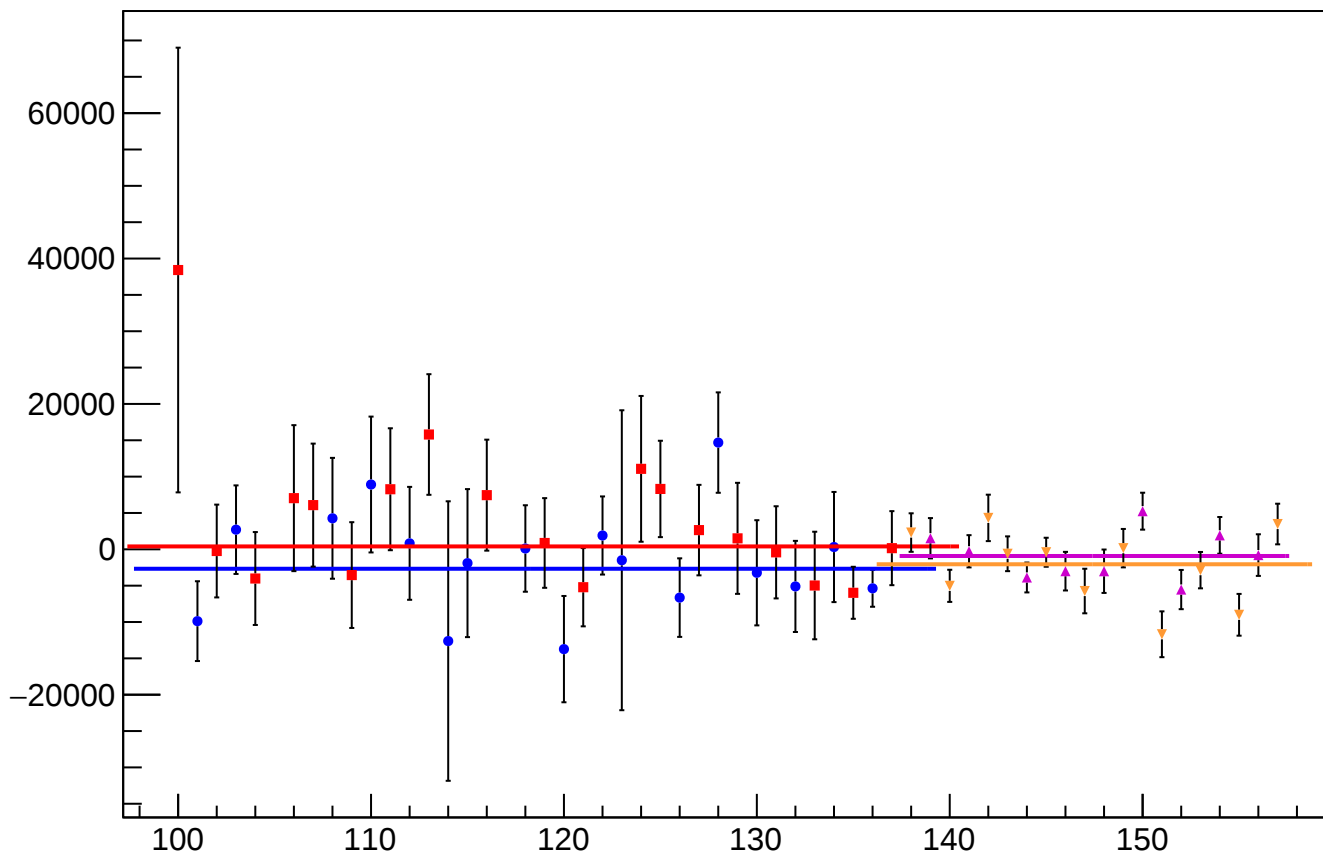
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 328.219+/-0.063 χ^2/NDF :749372.2/25

Out: 322.596+/-0.059 χ^2/NDF :1200947.9/29

All: 325.263+/-0.043 χ^2/NDF : 1954563.4/55

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -2055.912 $\pm$ 783.000 χ^2 /NDF:30.9/10

Right Out: 398.443 $\pm$ 1515.968 χ^2 /NDF: 15.9/18

Left In: -917.835 $\pm$ 846.510 χ^2 /NDF:14.1/8

Left: -1531.163 $\pm$ 574.807 χ^2 /NDF: 46.0/19

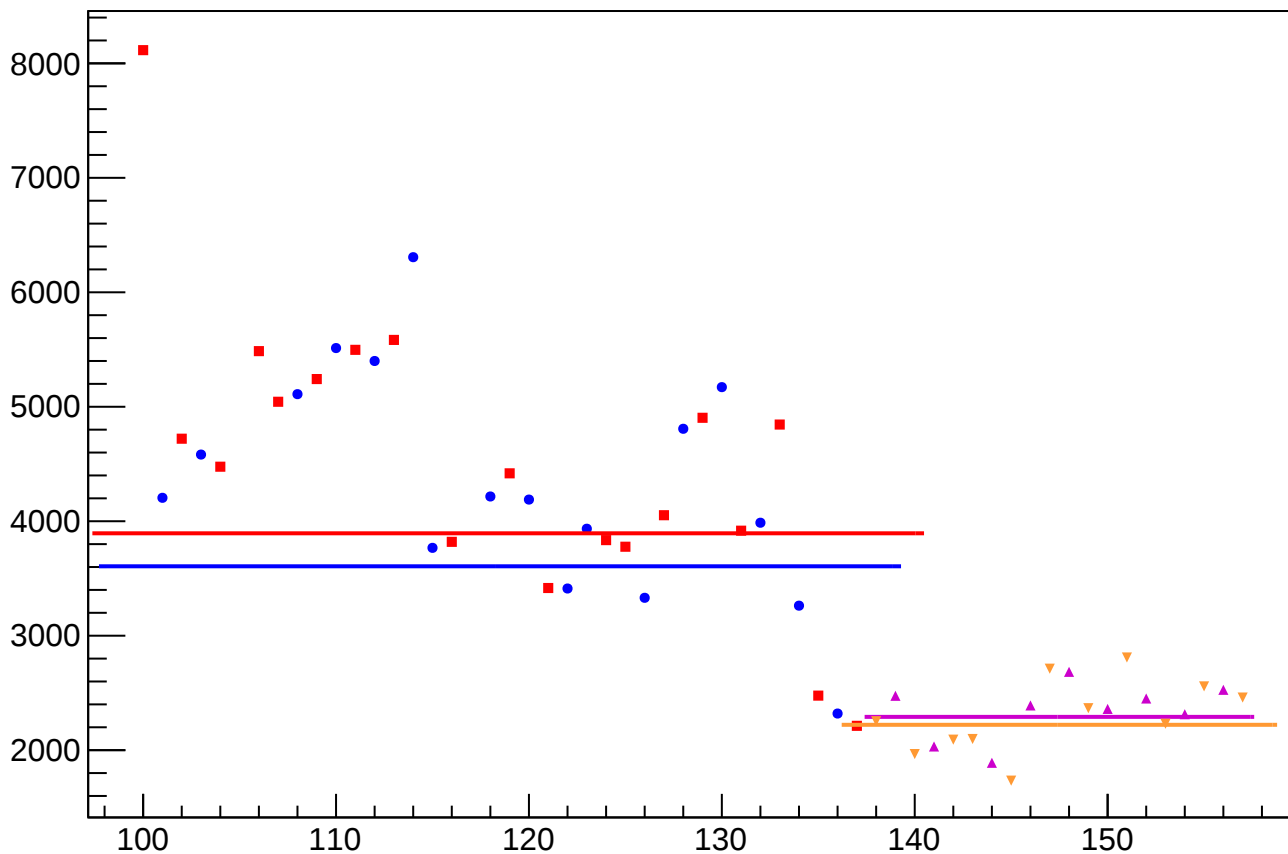
Right: -1199.564 $\pm$ 1050.178 χ^2 /NDF: 34.8/35

In: -1361.410 $\pm$ 731.838 χ^2 /NDF:32.0/25

Out: -1539.041 $\pm$ 695.685 χ^2 /NDF:48.9/29

All: -1454.721 $\pm$ 504.220 χ^2 /NDF: 80.9/55

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2221.573+/-0.554 χ^2/NDF : 324056.9/10

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2290.901+/-0.599 χ^2/NDF : 172217.9/8

Left: 2253.539+/-0.406 χ^2/NDF : 503504.1/19

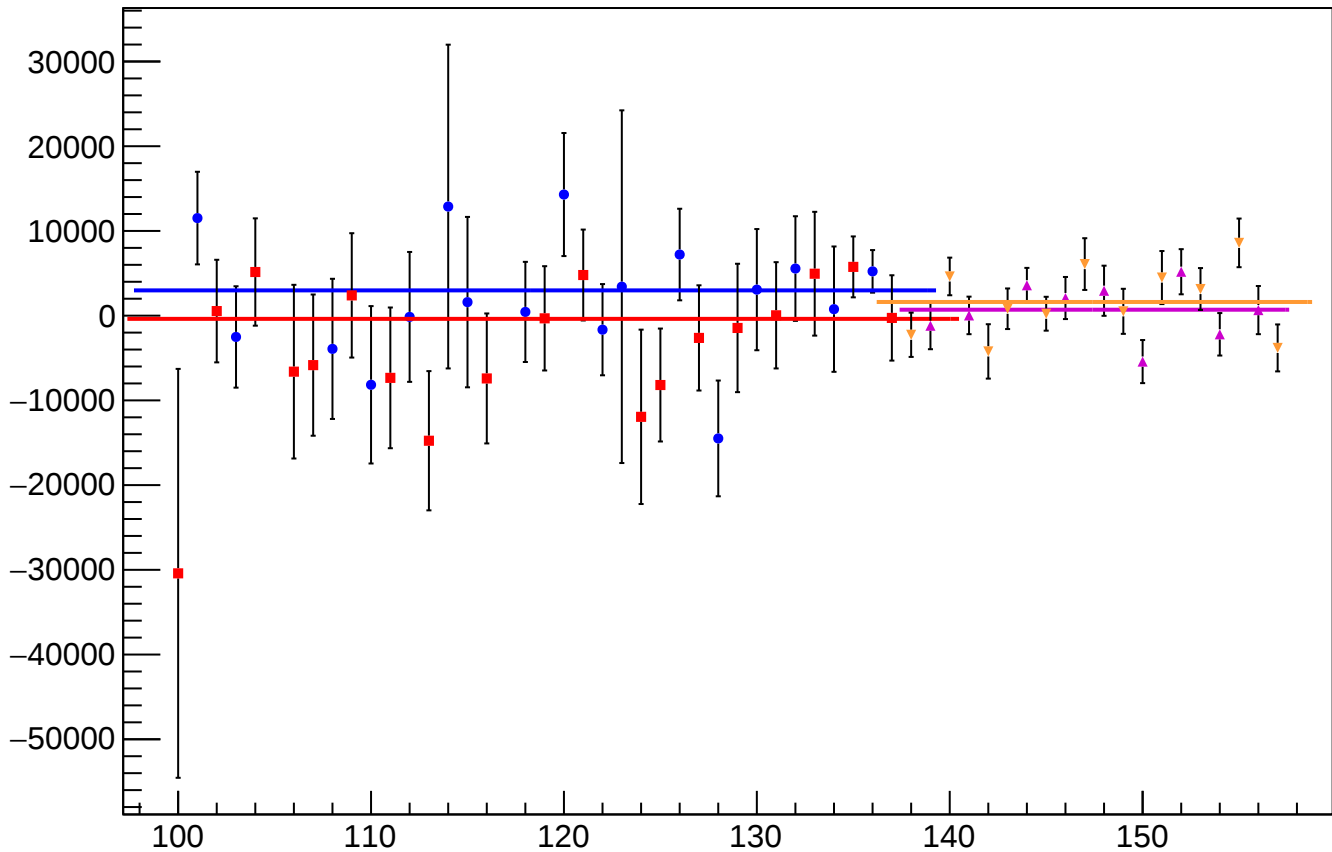
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2623.157+/-0.517 χ^2/NDF : 2484609.9/25

Out: 2573.901+/-0.492 χ^2/NDF : 3279699.6/29

All: 2597.282+/-0.357 χ^2/NDF : 5769068.7/55

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1615.266 $\pm$ 781.666 χ^2 /NDF:21.2/10

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 702.507 $\pm$ 837.362 χ^2 /NDF:13.4/8

Left: 1190.249 $\pm$ 571.397 χ^2 /NDF: 35.2/19

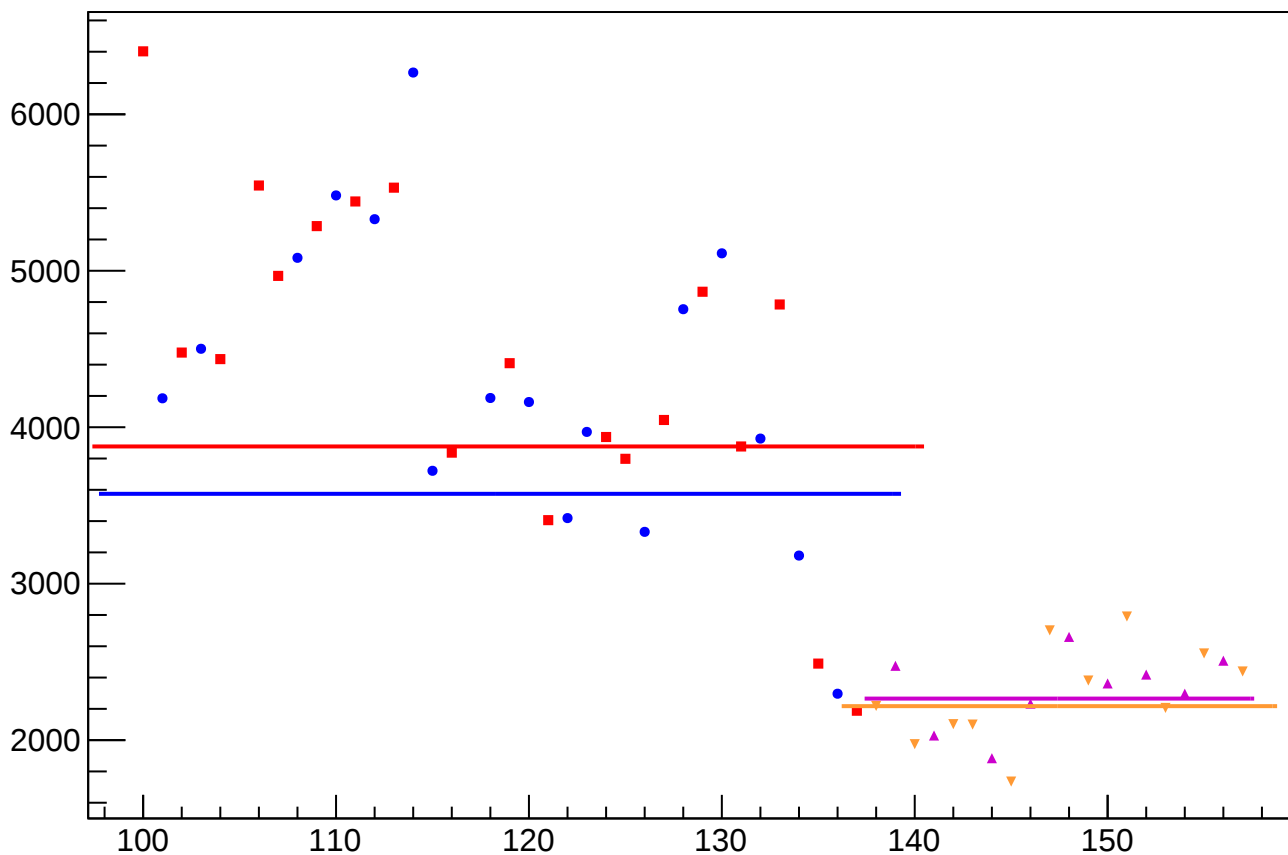
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1276.766 $\pm$ 724.332 χ^2 /NDF:32.7/25

Out: 1192.996 $\pm$ 693.918 χ^2 /NDF:37.6/29

All: 1233.085 $\pm$ 501.081 χ^2 /NDF: 70.4/55

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2217.266 $\pm$ 0.553 χ^2 /NDF:313027.4/10

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2265.606 $\pm$ 0.592 χ^2 /NDF:163397.7/8

Left: 2239.775 $\pm$ 0.404 χ^2 /NDF: 479986.8/19

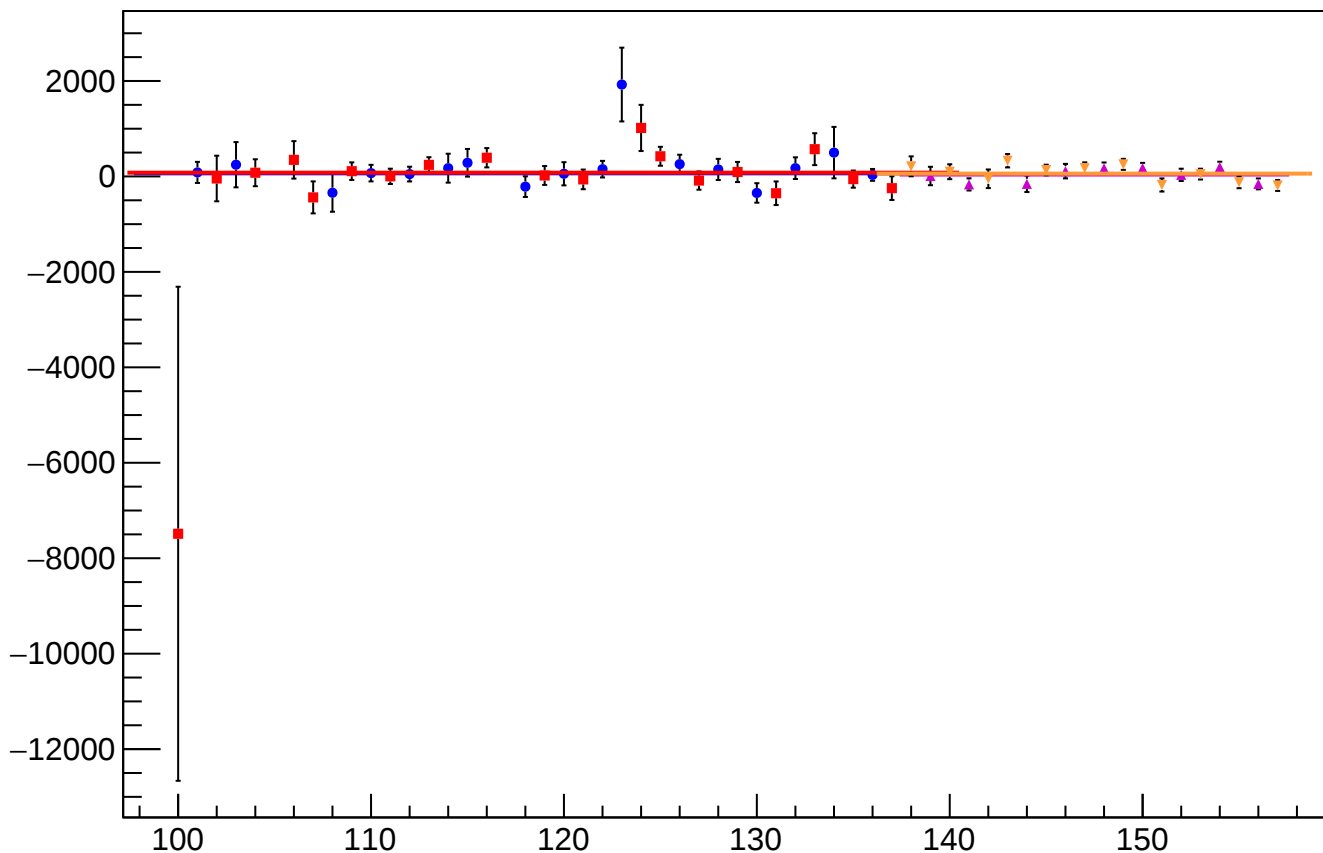
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2595.081 $\pm$ 0.512 χ^2 /NDF:2484689.3/25

Out: 2569.014 $\pm$ 0.491 χ^2 /NDF:3214285.3/29

All: 2581.489 $\pm$ 0.354 χ^2 /NDF: 5700325.2/55

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 59.042+/-39.689 χ^2/NDF : 18.6/10

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 40.133+/-43.302 χ^2/NDF : 11.7/8

Left: 50.409+/-29.258 χ^2/NDF : 30.4/19

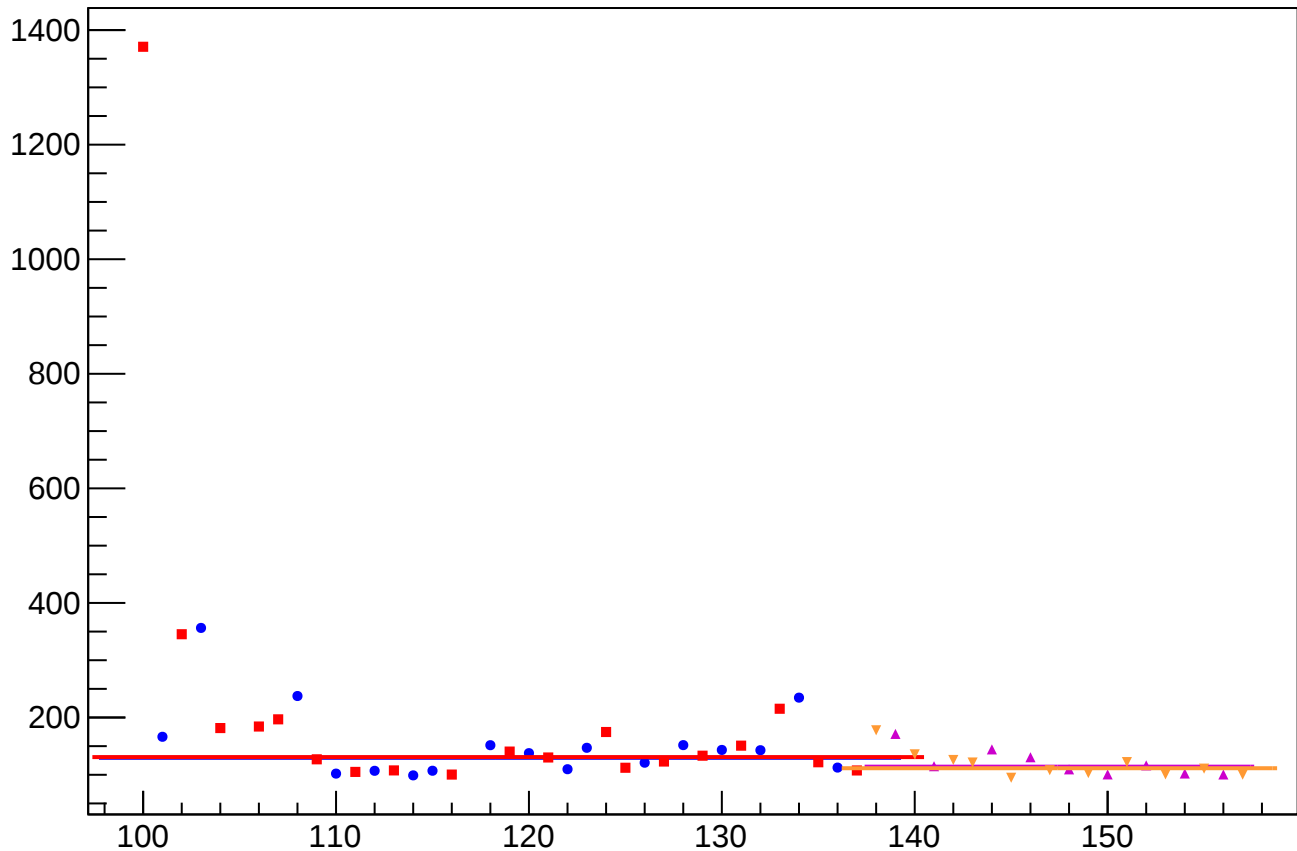
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 50.246+/-33.457 χ^2/NDF : 27.6/25

Out: 66.219+/-31.625 χ^2/NDF : 43.0/29

All: 58.681+/-22.983 χ^2/NDF : 70.7/55

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 111.461 $\pm$ 0.028 χ^2 /NDF: 376042.5/10

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 114.195 $\pm$ 0.031 χ^2 /NDF: 346430.7/8

Left: 112.709 $\pm$ 0.021 χ^2 /NDF: 726804.9/19

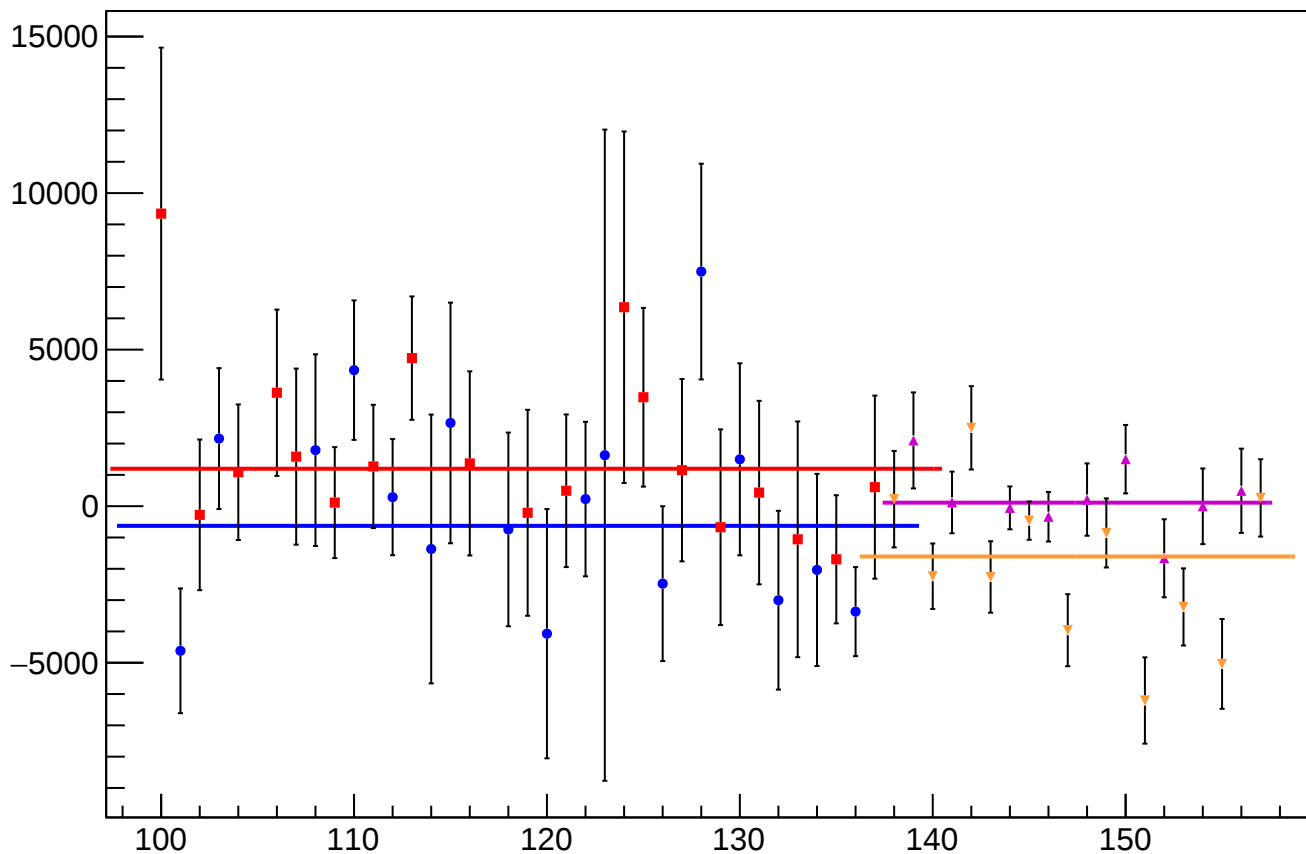
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 120.442 $\pm$ 0.024 χ^2 /NDF: 1439419.9/25

Out: 118.550 $\pm$ 0.022 χ^2 /NDF: 1593124.2/29

All: 119.443 $\pm$ 0.016 χ^2 /NDF: 3035924.0/55

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 $\pm$ 621.486 χ^2 /NDF: 24.3/16

Left Out: -1607.605 $\pm$ 328.735 χ^2 /NDF:40.7/10

Right Out: 1196.185 $\pm$ 595.685 χ^2 /NDF: 11.8/18

Left In: 112.729 $\pm$ 339.924 χ^2 /NDF:5.8/8

Left: -776.217 $\pm$ 236.308 χ^2 /NDF: 59.7/19

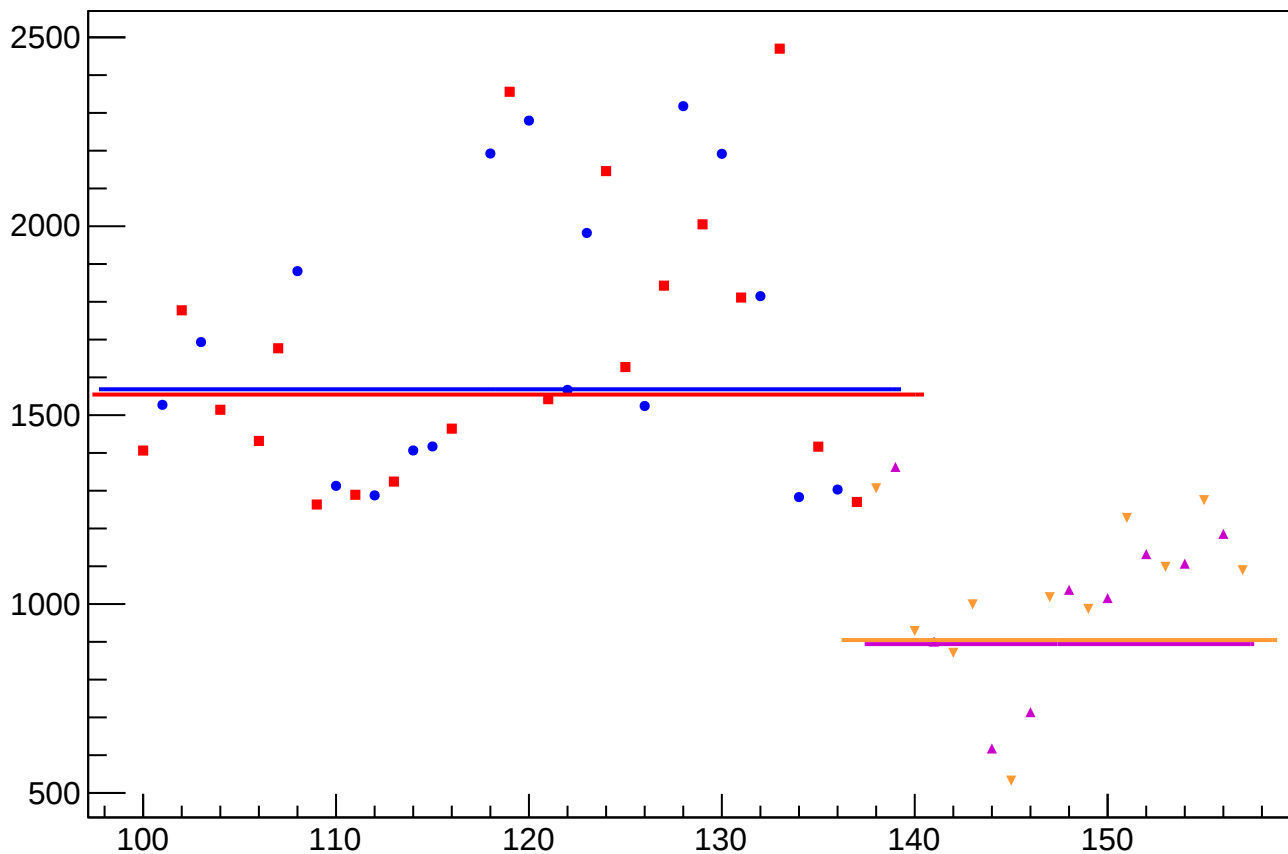
Right: 322.661 $\pm$ 430.045 χ^2 /NDF: 40.5/35

In: -57.880 $\pm$ 298.230 χ^2 /NDF:31.2/25

Out: -953.052 $\pm$ 287.817 χ^2 /NDF:69.4/29

All: -521.367 $\pm$ 207.101 χ^2 /NDF: 105.3/55

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 904.735+/-0.232 χ^2/NDF : 1262510.2/10

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 893.984+/-0.240 χ^2/NDF : 901265.7/8

Left: 899.539+/-0.167 χ^2/NDF : 2164809.6/19

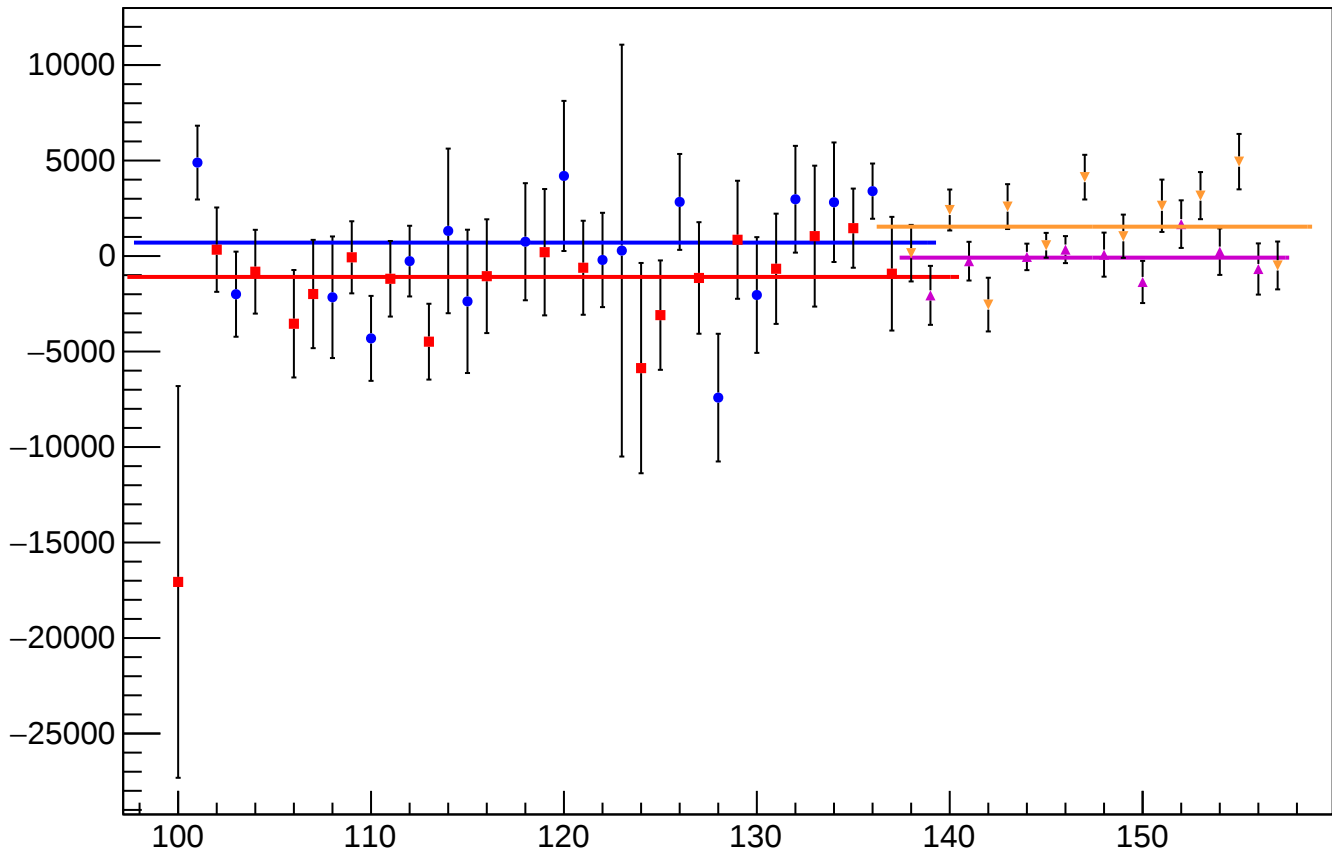
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1049.301+/-0.211 χ^2/NDF : 3248737.7/25

Out: 1056.431+/-0.204 χ^2/NDF : 3598800.1/29

All: 1052.992+/-0.146 χ^2/NDF : 6848129.7/55

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 ± 620.618 χ^2/NDF : 26.0/16

Left Out: 1537.392 ± 338.325 χ^2/NDF : 28.6/10

Right Out: -1093.862 ± 603.204 χ^2/NDF : 10.6/18

Left In: -84.274 ± 334.914 χ^2/NDF : 5.6/8

Left: 718.343 ± 238.017 χ^2/NDF : 45.9/19

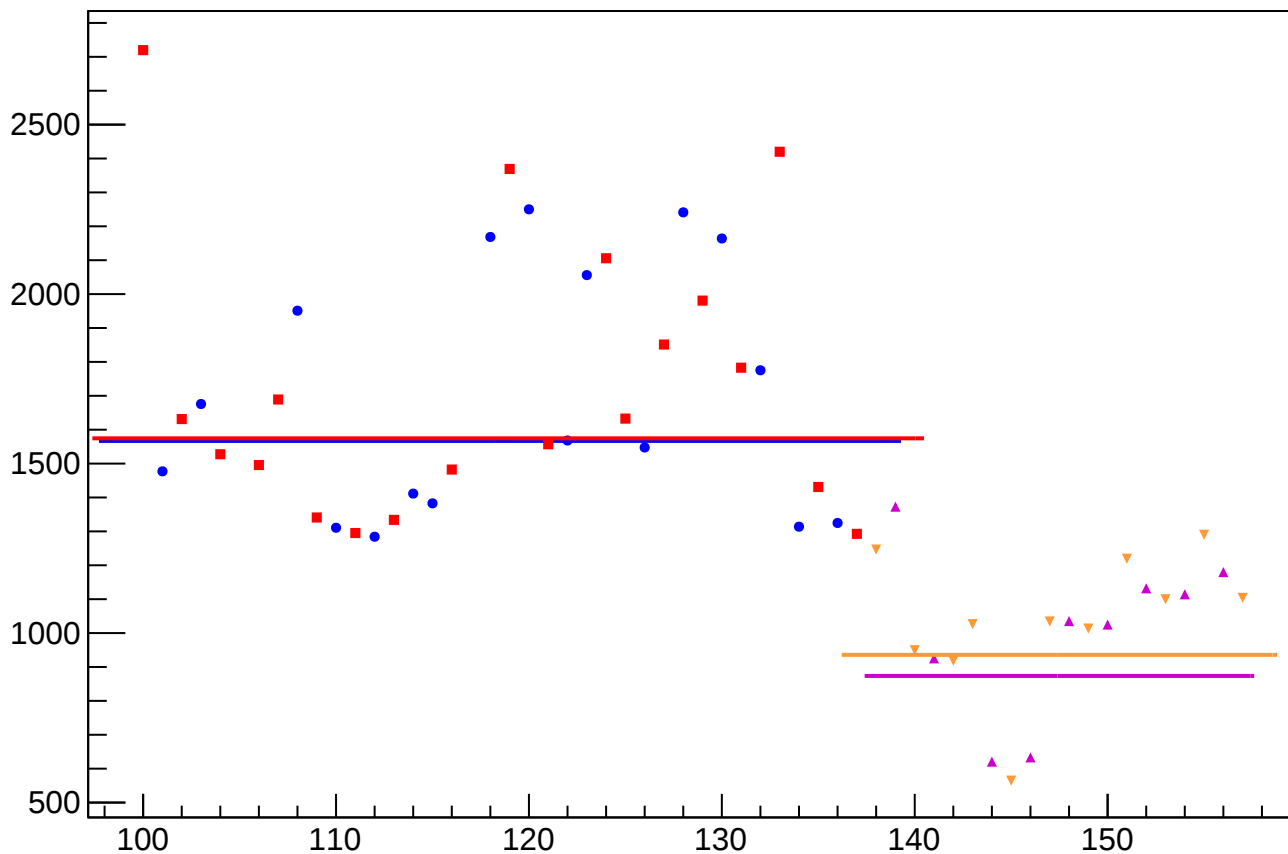
Right: -220.967 ± 432.555 χ^2/NDF : 40.9/35

In: 93.298 ± 294.737 χ^2/NDF : 32.8/25

Out: 907.721 ± 295.080 χ^2/NDF : 53.7/29

All: 500.036 ± 208.532 χ^2/NDF : 90.4/55

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 935.724 $\pm$ 0.239 χ^2 /NDF: 1052241.9/10

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 873.572 $\pm$ 0.237 χ^2 /NDF: 1056837.8/8

Left: 904.333 $\pm$ 0.168 χ^2 /NDF: 2143169.4/19

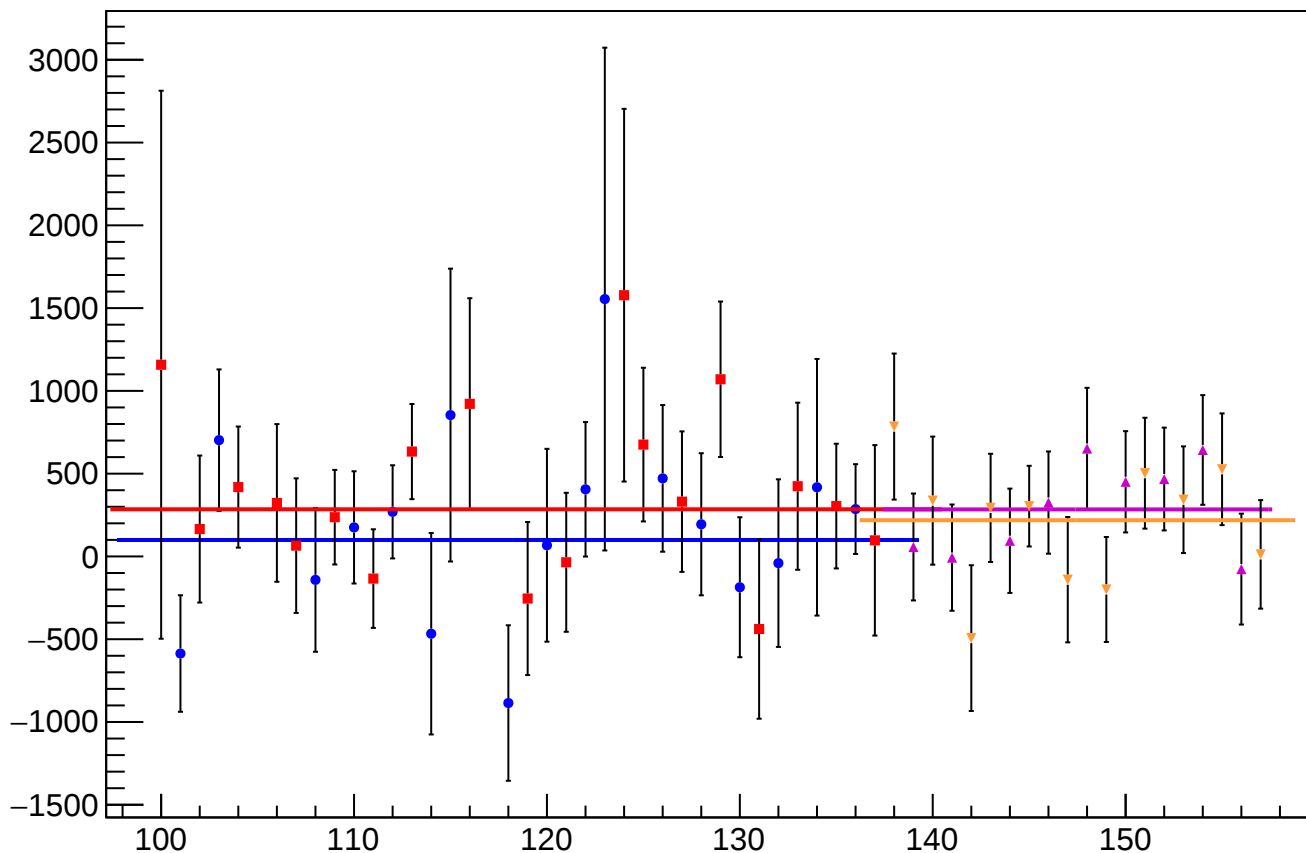
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1029.952 $\pm$ 0.208 χ^2 /NDF: 3490006.7/25

Out: 1088.592 $\pm$ 0.209 χ^2 /NDF: 3222782.1/29

All: 1059.238 $\pm$ 0.147 χ^2 /NDF: 6752327.4/55

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 218.747 $\pm$ 101.658 χ^2/NDF : 9.3/10

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 284.019 $\pm$ 107.596 χ^2/NDF : 5.7/8

Left: 249.532 $\pm$ 73.893 χ^2/NDF : 15.1/19

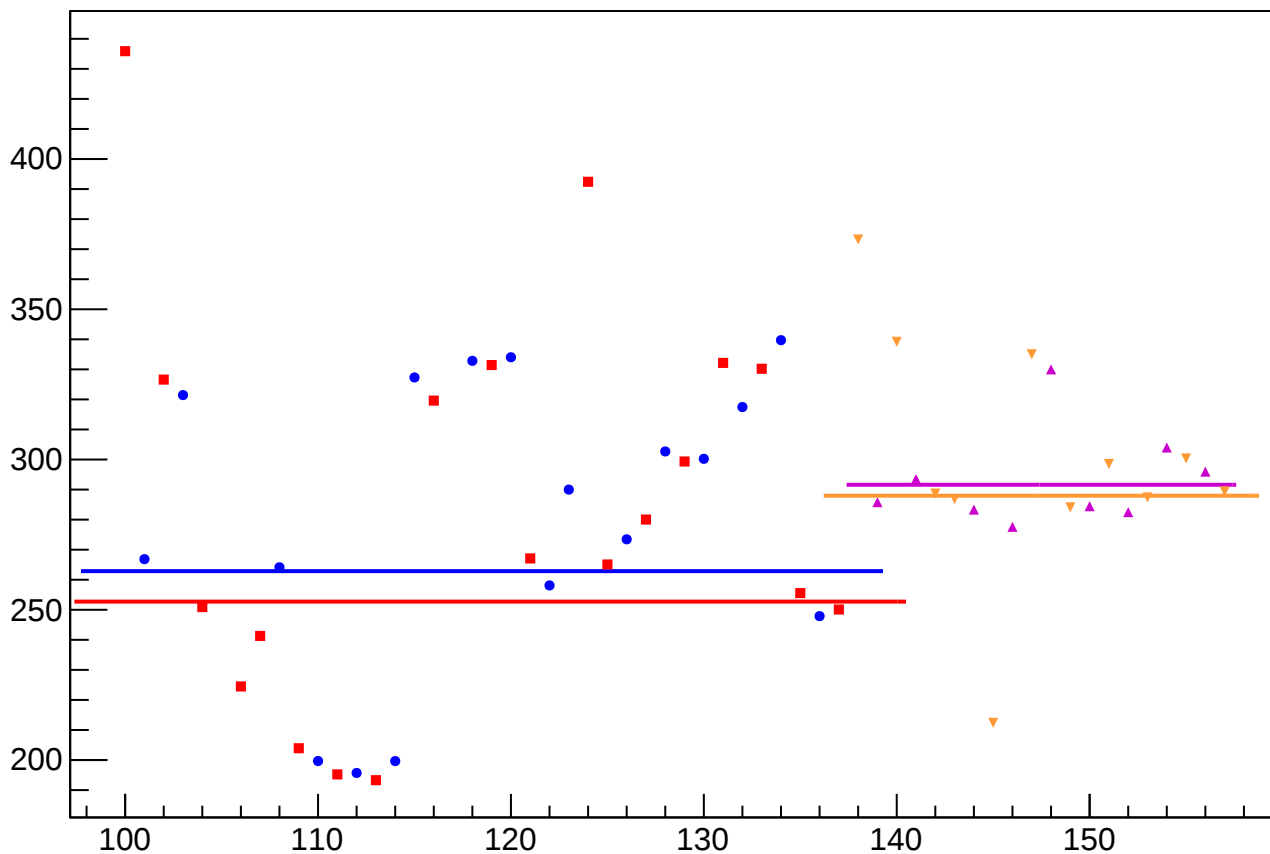
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 188.089 $\pm$ 74.578 χ^2/NDF : 23.1/25

Out: 253.124 $\pm$ 70.445 χ^2/NDF : 23.5/29

All: 222.458 $\pm$ 51.211 χ^2/NDF : 47.0/55

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 287.967 ± 0.072 χ^2/NDF : 338366.8/10

Right Out: 252.720 ± 0.069 χ^2/NDF : 539727.3/18

Left In: 291.598 ± 0.076 χ^2/NDF : 34053.0/8

Left: 289.679 ± 0.052 χ^2/NDF : 373623.4/19

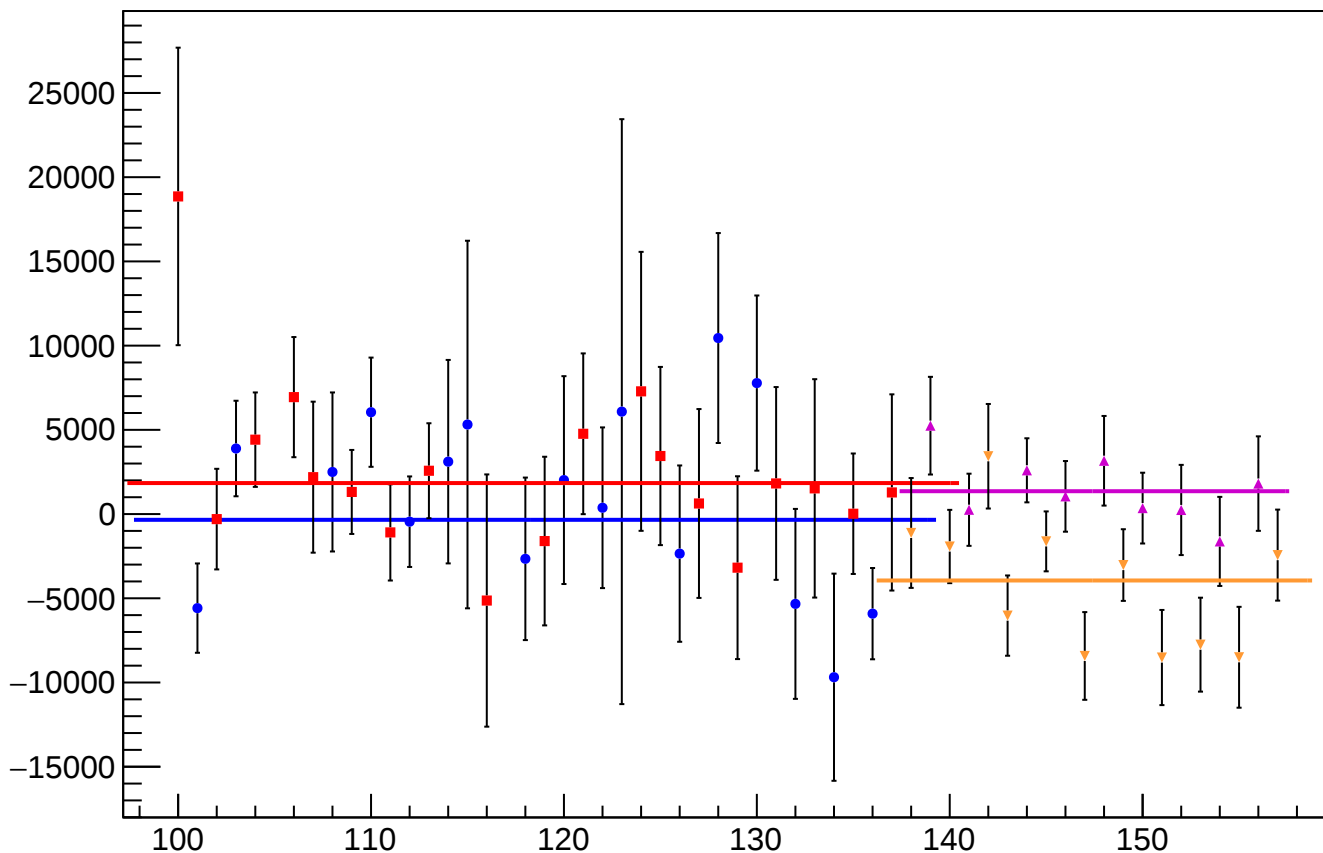
Right: 257.498 ± 0.050 χ^2/NDF : 961572.8/35

In: 276.665 ± 0.053 χ^2/NDF : 519900.9/25

Out: 269.646 ± 0.050 χ^2/NDF : 1003068.9/29

All: 272.955 ± 0.036 χ^2/NDF : 1532332.7/55

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -3943.137 $\pm$ 751.174 χ^2/NDF : 20.0/10

Right Out: 1840.596 $\pm$ 924.746 χ^2/NDF : 11.7/18

Left In: 1356.837 $\pm$ 786.154 χ^2/NDF : 4.7/8

Left: -1413.684 $\pm$ 543.106 χ^2/NDF : 48.4/19

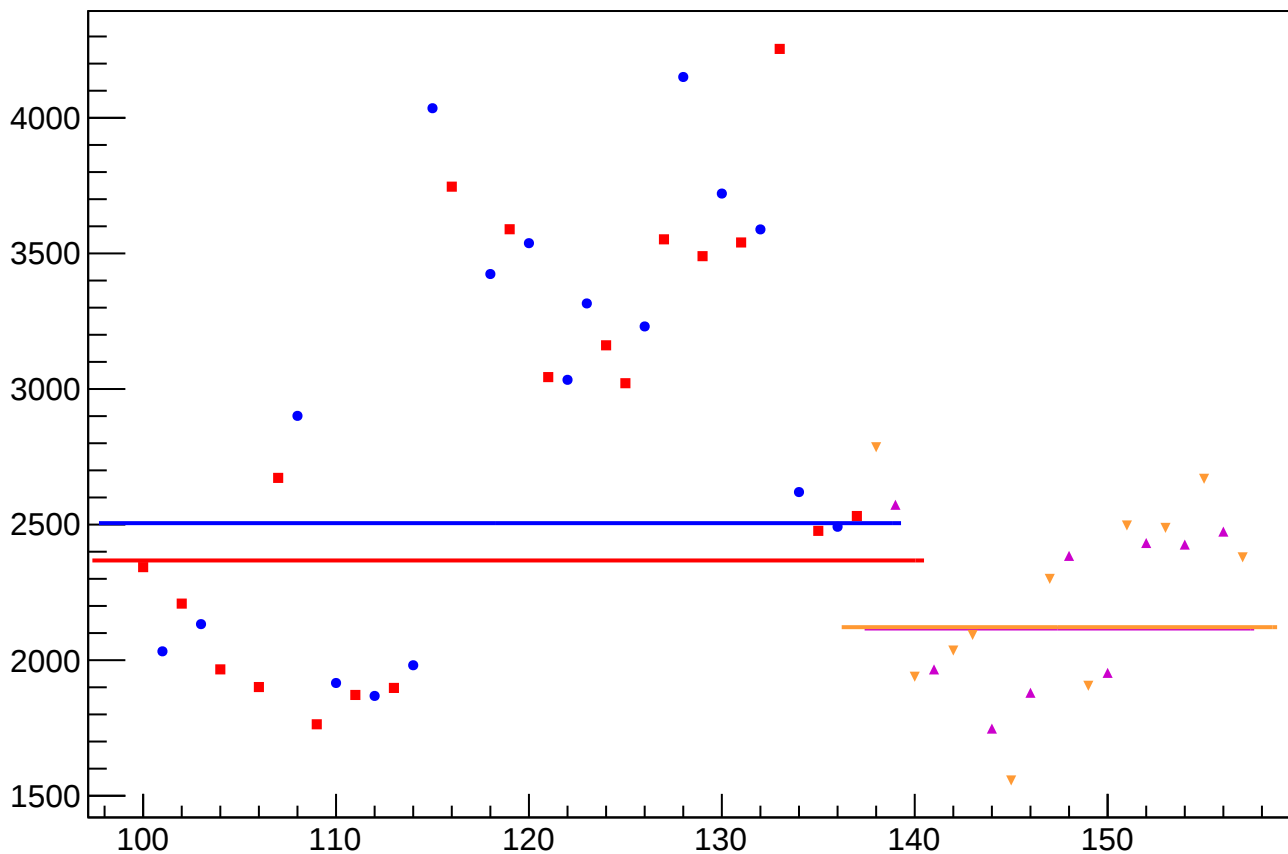
Right: 839.728 $\pm$ 680.387 χ^2/NDF : 38.7/35

In: 711.815 $\pm$ 619.125 χ^2/NDF : 30.9/25

Out: -1643.924 $\pm$ 583.053 χ^2/NDF : 55.3/29

All: -536.676 $\pm$ 424.460 χ^2/NDF : 93.8/55

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2/NDF : 864133.9/16

Left Out: 2121.738 $\pm$ 0.531 χ^2/NDF : 485386.9/10

Right Out: 2367.730 $\pm$ 0.654 χ^2/NDF : 1030895.6/18

Left In: 2116.821 $\pm$ 0.556 χ^2/NDF : 280267.1/8

Left: 2119.391 $\pm$ 0.384 χ^2/NDF : 765694.9/19

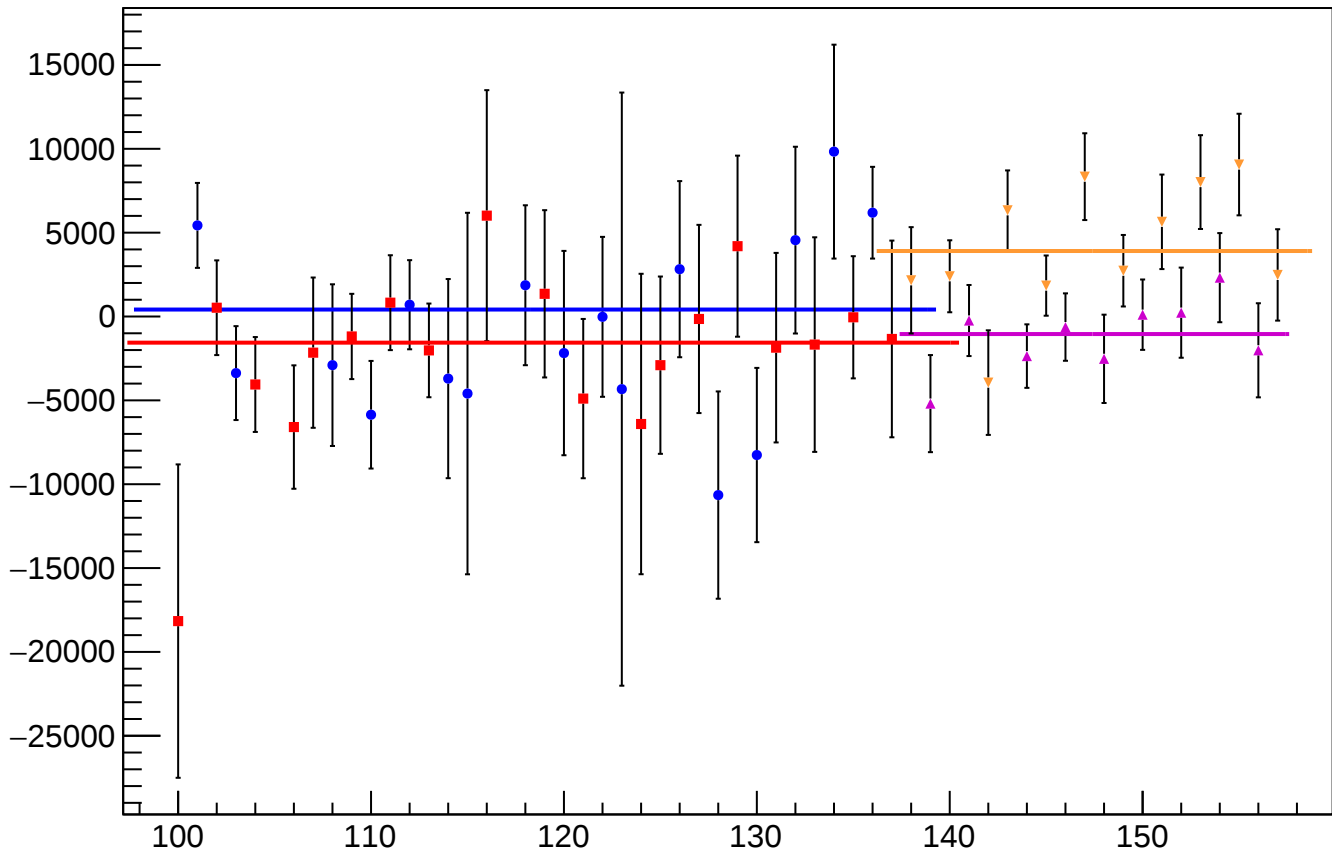
Right: 2430.842 $\pm$ 0.481 χ^2/NDF : 1915339.5/35

In: 2264.372 $\pm$ 0.438 χ^2/NDF : 1329905.3/25

Out: 2219.527 $\pm$ 0.412 χ^2/NDF : 1601545.8/29

All: 2240.605 $\pm$ 0.300 χ^2/NDF : 2937012.0/55

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3905.356+/-750.964 χ^2/NDF :18.4/10

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -1045.917+/-779.261 χ^2/NDF :5.3/8

Left: 1521.249+/-540.739 χ^2/NDF : 44.7/19

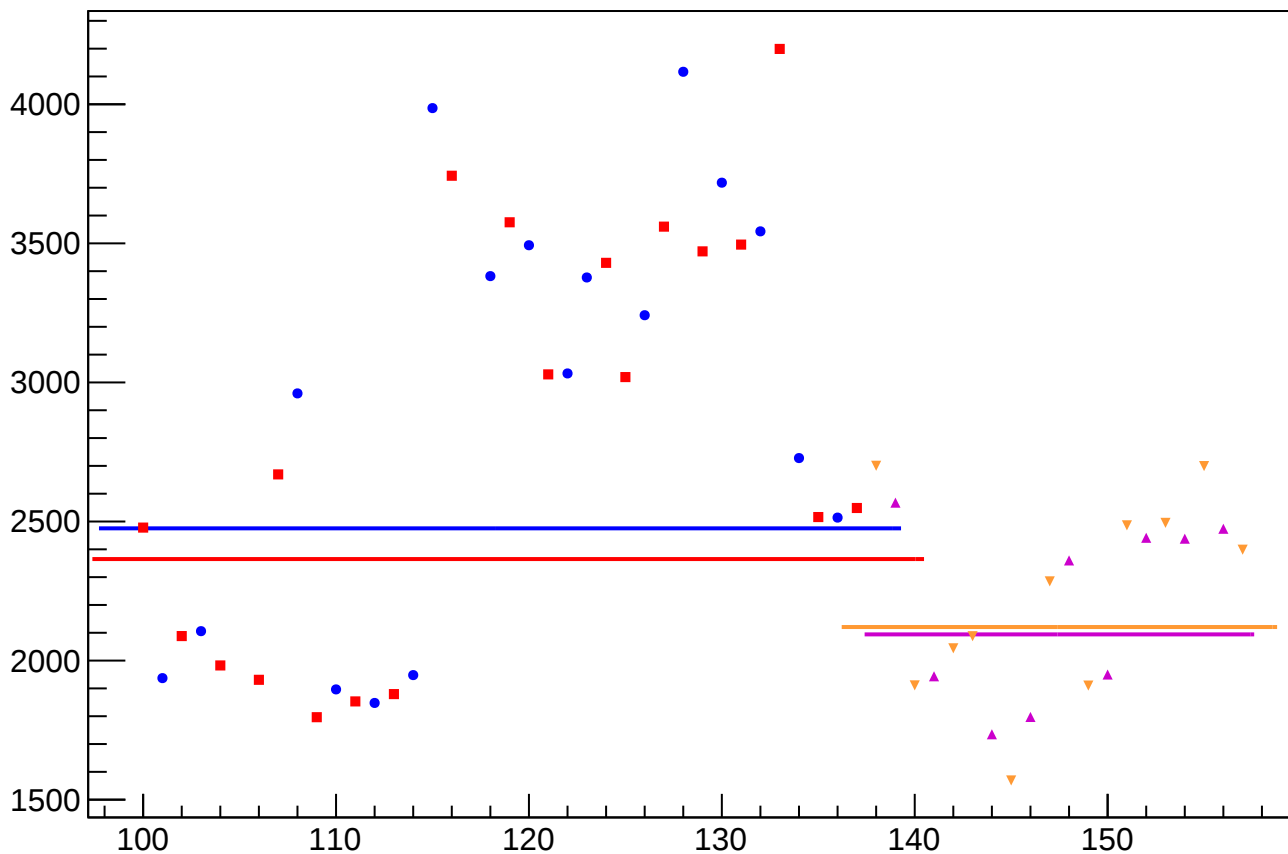
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -490.240+/-613.482 χ^2/NDF :31.1/25

Out: 1733.052+/-582.877 χ^2/NDF :50.2/29

All: 678.245+/-422.562 χ^2/NDF : 88.2/55

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2120.646 $\pm$ 0.531 χ^2 /NDF: 467226.5/10

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2094.199 $\pm$ 0.551 χ^2 /NDF: 312585.4/8

Left: 2107.912 $\pm$ 0.382 χ^2 /NDF: 781006.4/19

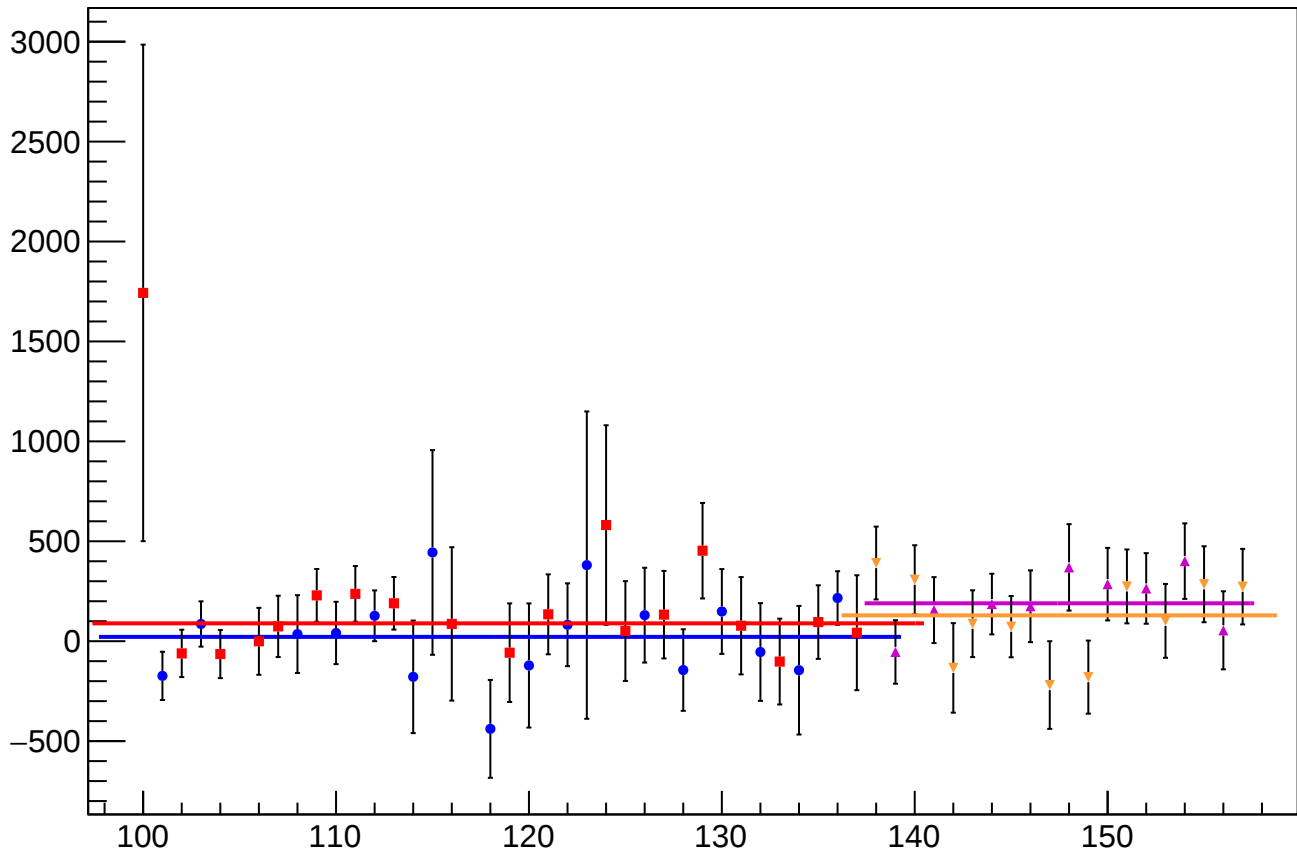
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2239.152 $\pm$ 0.434 χ^2 /NDF: 1407664.2/25

Out: 2217.801 $\pm$ 0.412 χ^2 /NDF: 1578599.1/29

All: 2227.931 $\pm$ 0.299 χ^2 /NDF: 2987536.6/55

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 129.304 $\pm$ 55.306 χ^2/NDF : 12.0/10

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 189.604 $\pm$ 58.844 χ^2/NDF : 5.3/8

Left: 157.586 $\pm$ 40.300 χ^2/NDF : 17.8/19

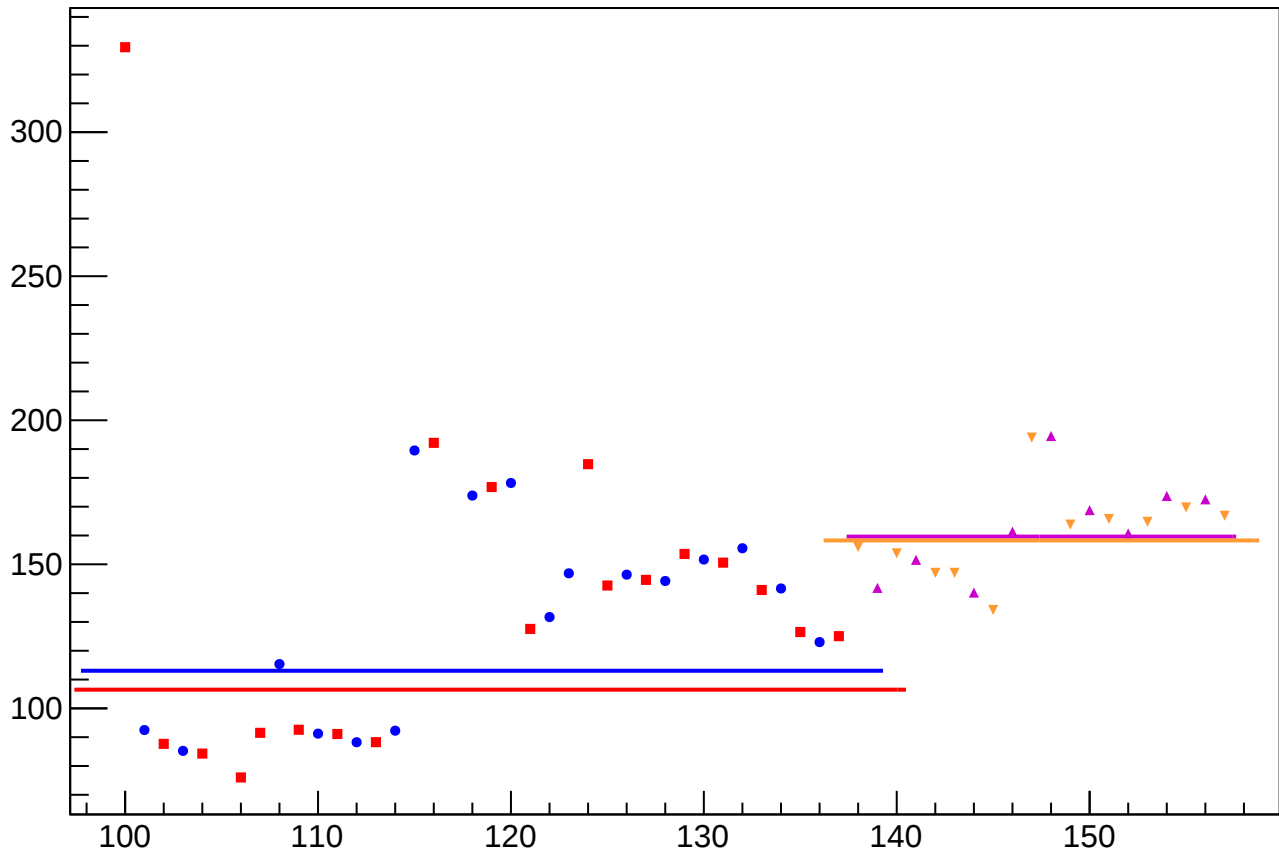
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 83.898 $\pm$ 35.824 χ^2/NDF : 23.0/25

Out: 103.853 $\pm$ 33.348 χ^2/NDF : 25.0/29

All: 94.589 $\pm$ 24.409 χ^2/NDF : 48.2/55

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 158.282 $\pm$ 0.039 χ^2/NDF :137214.9/10

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 159.627 $\pm$ 0.042 χ^2/NDF :140171.8/8

Left: 158.913 $\pm$ 0.028 χ^2/NDF : 277941.0/19

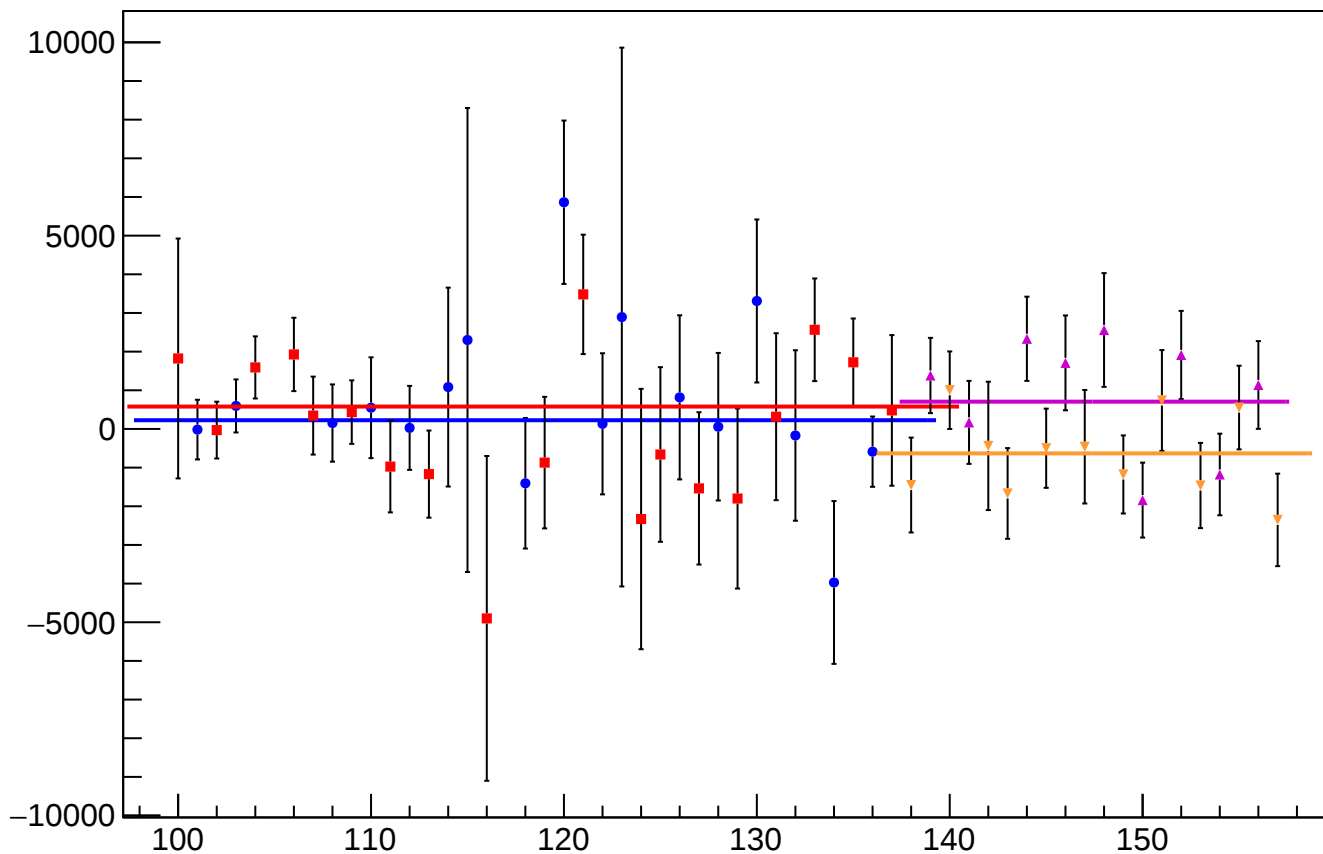
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 130.318 $\pm$ 0.025 χ^2/NDF :1749285.3/25

Out: 125.323 $\pm$ 0.024 χ^2/NDF :2269550.3/29

All: 127.642 $\pm$ 0.017 χ^2/NDF : 4039671.3/55

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -631.801 $\pm$ 351.131 χ^2 /NDF:9.2/10

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 706.046 $\pm$ 367.556 χ^2 /NDF:16.6/8

Left: 6.563 $\pm$ 253.895 χ^2 /NDF: 32.7/19

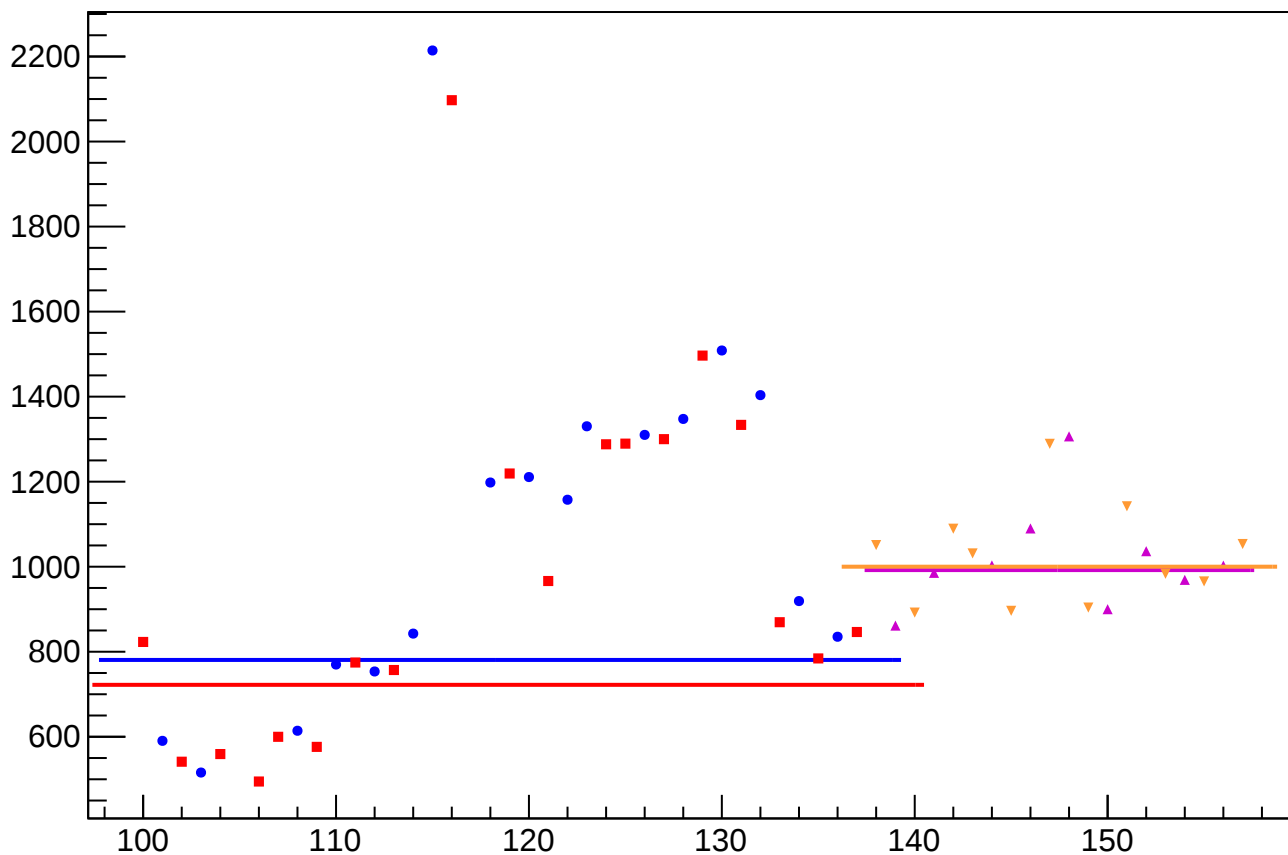
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 433.808 $\pm$ 241.952 χ^2 /NDF:33.5/25

Out: 89.560 $\pm$ 223.248 χ^2 /NDF:37.4/29

All: 247.865 $\pm$ 164.075 χ^2 /NDF: 72.0/55

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2/NDF : 1609510.2/16

Left Out: 1000.024 $\pm$ 0.248 χ^2/NDF :180284.6/10

Right Out: 722.148 $\pm$ 0.205 χ^2/NDF : 1628760.4/18

Left In: 992.048 $\pm$ 0.260 χ^2/NDF :162509.6/8

Left: 996.218 $\pm$ 0.180 χ^2/NDF : 343286.6/19

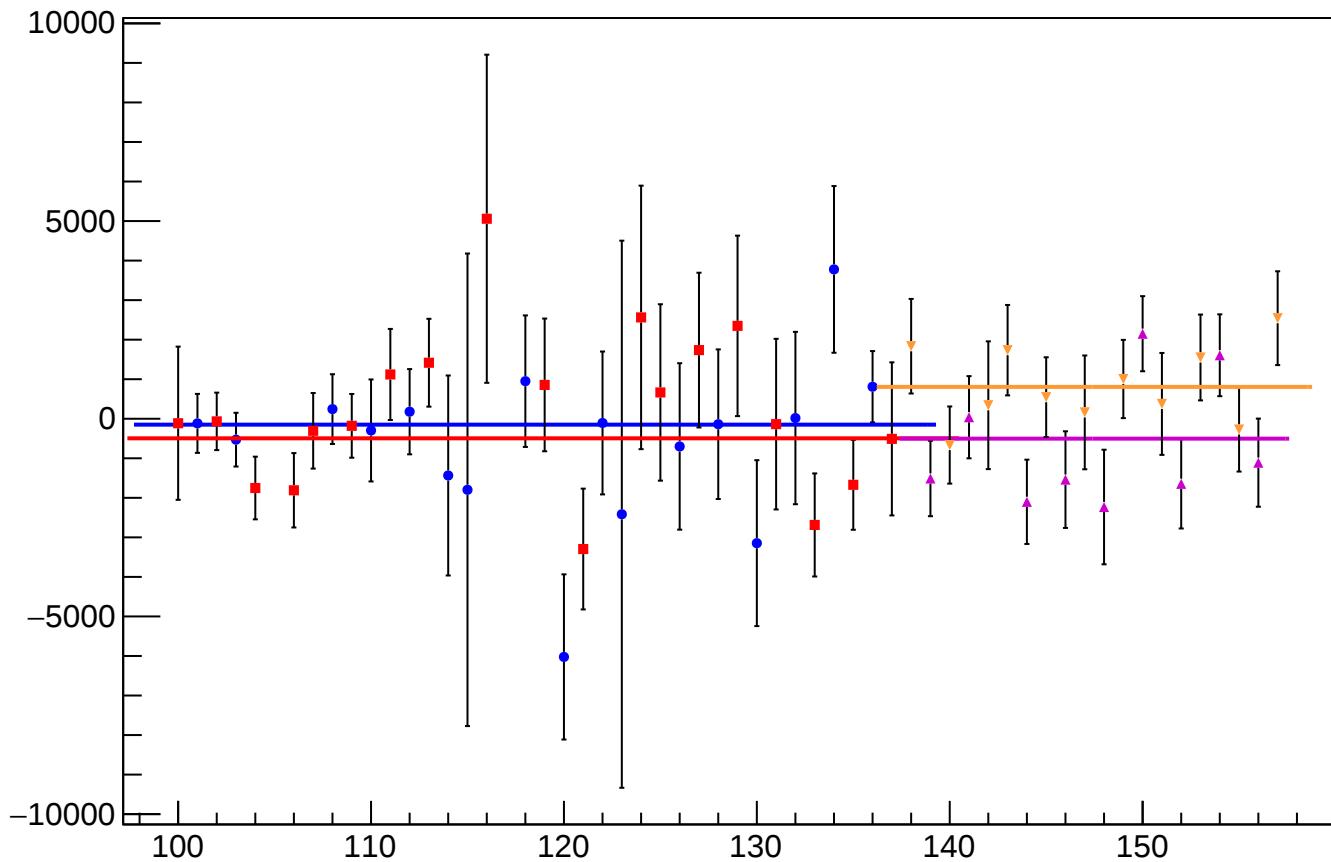
Right: 748.347 $\pm$ 0.152 χ^2/NDF : 3274944.8/35

In: 872.282 $\pm$ 0.171 χ^2/NDF :2146745.3/25

Out: 834.476 $\pm$ 0.158 χ^2/NDF :2555264.5/29

All: 851.861 $\pm$ 0.116 χ^2/NDF : 4728385.5/55

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 805.729 ± 344.409 $\chi^2/\text{NDF}: 7.8/10$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -502.998 ± 360.863 $\chi^2/\text{NDF}: 19.1/8$

Left: 181.881 ± 249.148 $\chi^2/\text{NDF}: 33.8/19$

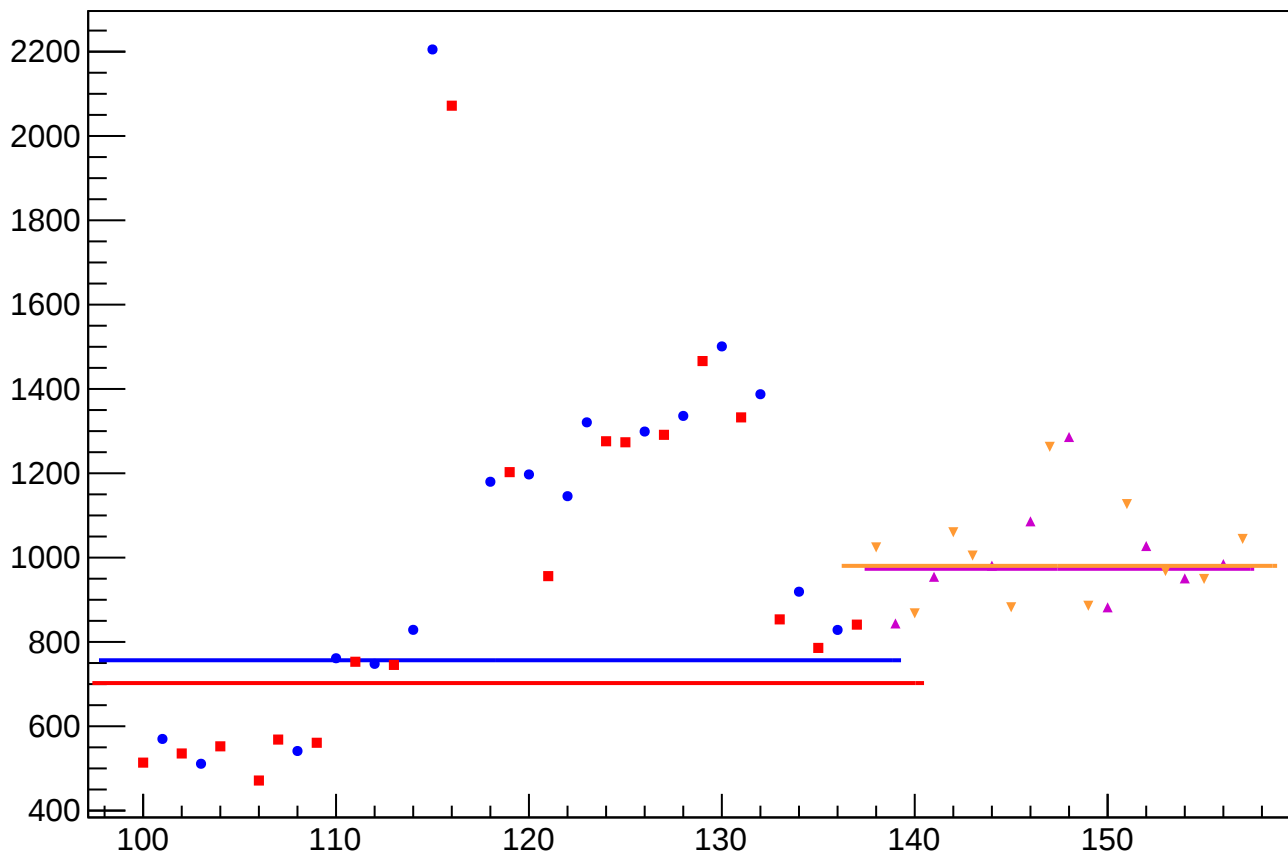
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -301.054 ± 236.433 $\chi^2/\text{NDF}: 35.7/25$

Out: 28.730 ± 218.524 $\chi^2/\text{NDF}: 40.0/29$

All: -123.200 ± 160.478 $\chi^2/\text{NDF}: 76.8/55$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 980.453+/-0.244 χ^2/NDF : 182949.0/10

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 973.462+/-0.255 χ^2/NDF : 171936.5/8

Left: 977.121+/-0.176 χ^2/NDF : 355278.3/19

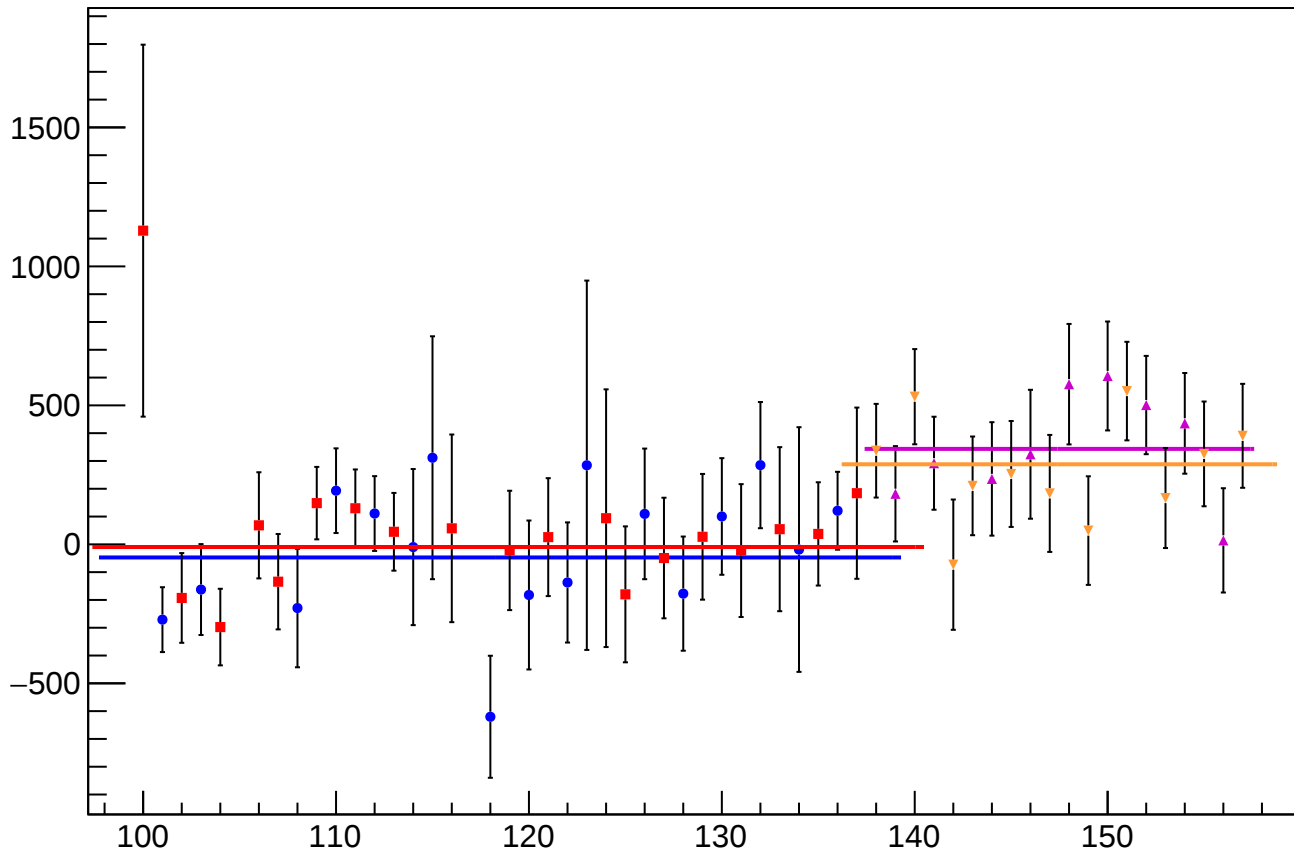
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 849.658+/-0.167 χ^2/NDF : 2298044.2/25

Out: 814.364+/-0.155 χ^2/NDF : 2650884.1/29

All: 830.624+/-0.113 χ^2/NDF : 4972962.9/55

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 288.054 $\pm$ 56.337 χ^2/NDF : 9.4/10

Right Out: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

Left In: 343.455 $\pm$ 63.177 χ^2/NDF : 8.3/8

Left: 312.594 $\pm$ 42.048 χ^2/NDF : 18.2/19

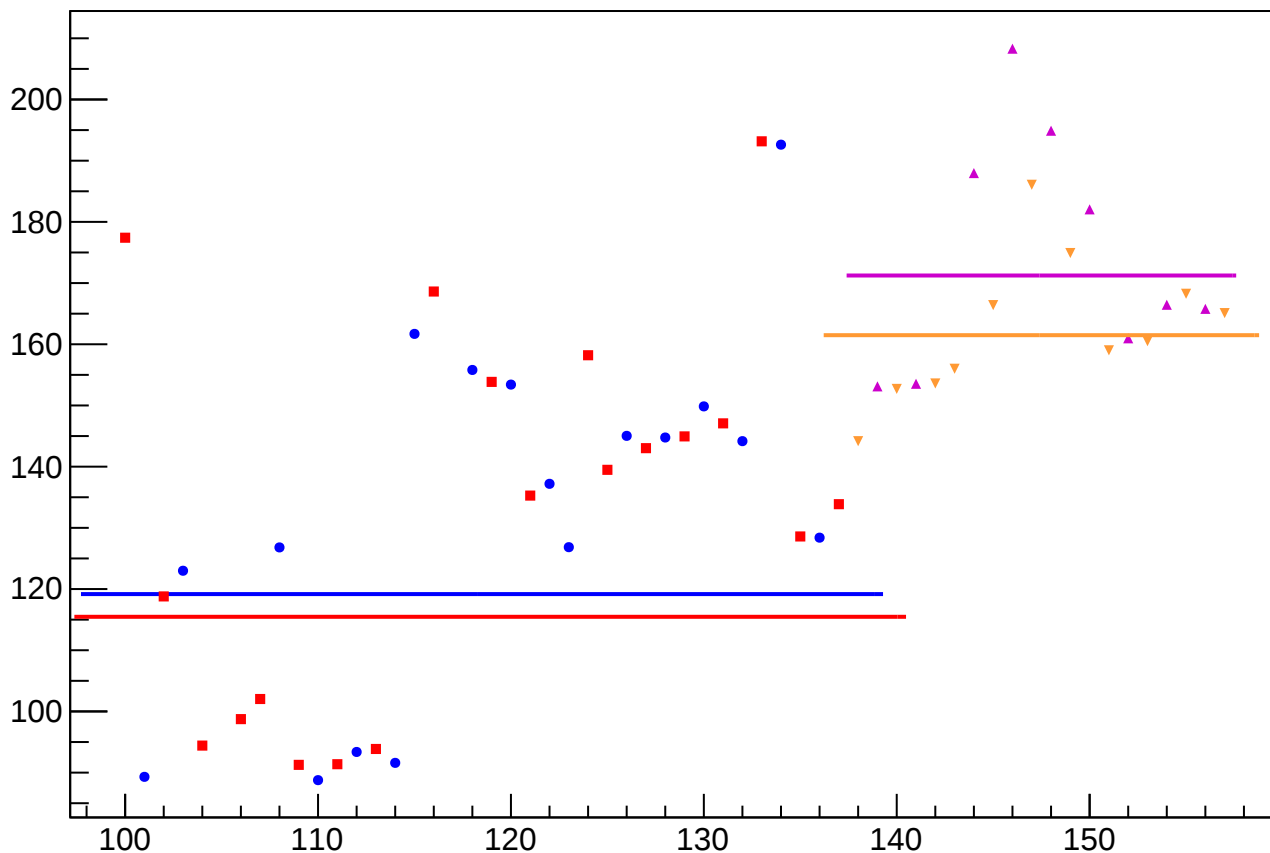
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 93.029 $\pm$ 37.848 χ^2/NDF : 54.7/25

Out: 105.604 $\pm$ 35.040 χ^2/NDF : 39.6/29

All: 99.800 $\pm$ 25.712 χ^2/NDF : 94.4/55

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 161.485 $\pm$ 0.040 χ^2/NDF : 72400.3/10

Right Out: 115.466 $\pm$ 0.032 χ^2/NDF : 692783.7/18

Left In: 171.238 $\pm$ 0.045 χ^2/NDF : 148973.4/8

Left: 165.805 $\pm$ 0.030 χ^2/NDF : 247924.6/19

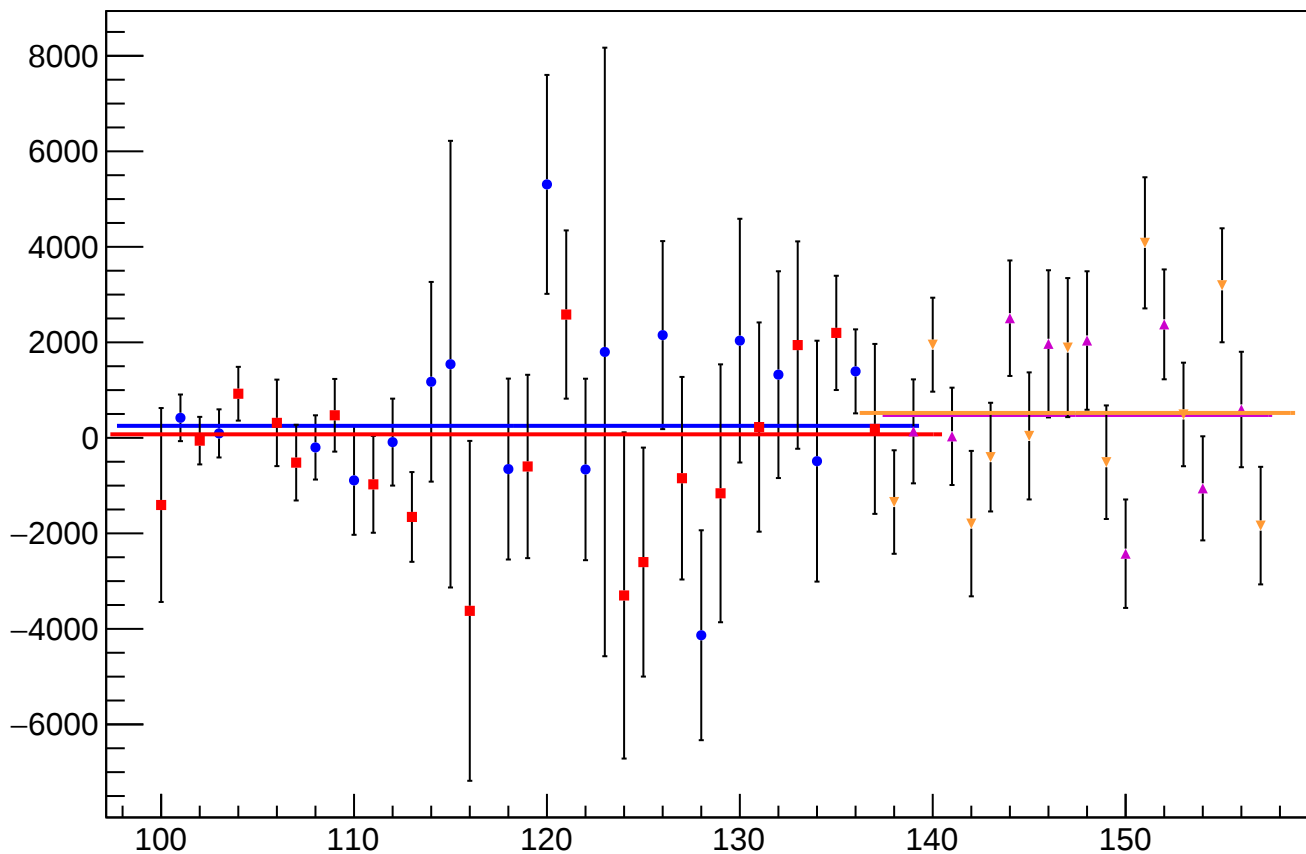
Right: 117.219 $\pm$ 0.023 χ^2/NDF : 1314582.7/35

In: 137.860 $\pm$ 0.027 χ^2/NDF : 1635027.9/25

Out: 133.268 $\pm$ 0.025 χ^2/NDF : 1583417.4/29

All: 135.387 $\pm$ 0.018 χ^2/NDF : 3234295.5/55

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 521.857 $\pm$ 363.348 χ^2 /NDF:25.2/10

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 479.274 $\pm$ 393.926 χ^2 /NDF:16.5/8

Left: 502.282 $\pm$ 267.082 χ^2 /NDF: 41.7/19

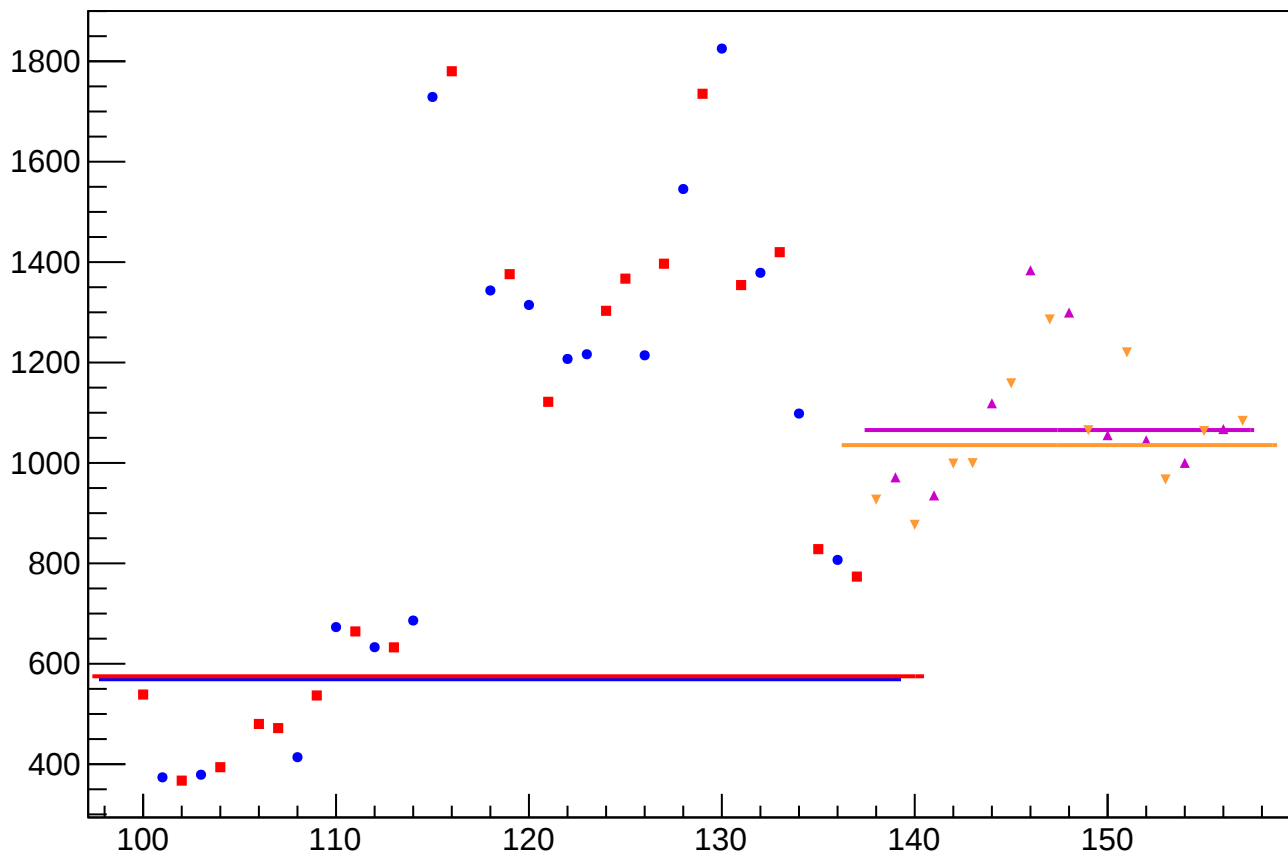
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 318.114 $\pm$ 212.769 χ^2 /NDF:31.6/25

Out: 213.255 $\pm$ 202.545 χ^2 /NDF:44.3/29

All: 263.105 $\pm$ 146.702 χ^2 /NDF: 76.0/55

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1035.500 $\pm$ 0.257 χ^2 /NDF: 201185.4/10

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1065.525 $\pm$ 0.279 χ^2 /NDF: 196875.8/8

Left: 1049.302 $\pm$ 0.189 χ^2 /NDF: 404339.2/19

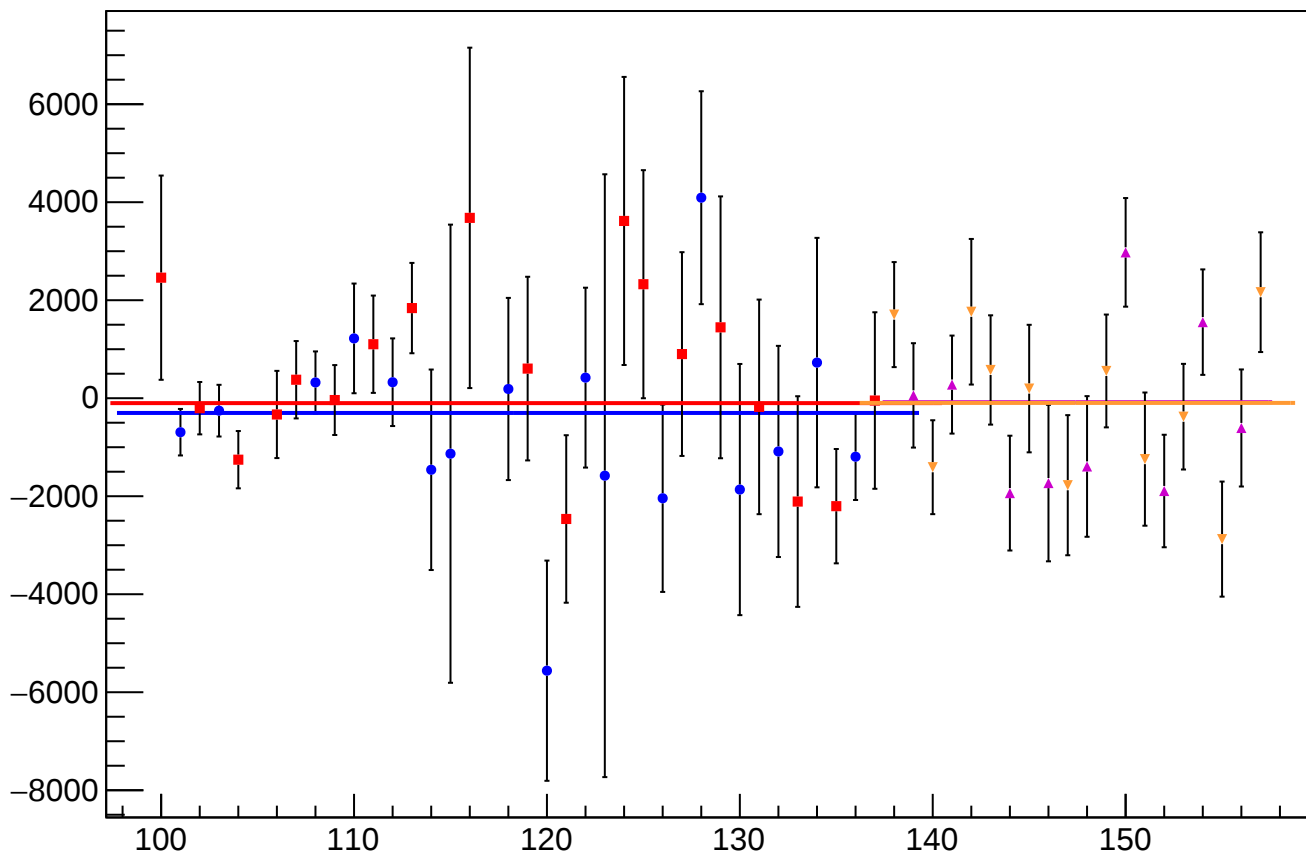
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 713.995 $\pm$ 0.150 χ^2 /NDF: 5712618.4/25

Out: 718.132 $\pm$ 0.143 χ^2 /NDF: 5473863.8/29

All: 716.165 $\pm$ 0.104 χ^2 /NDF: 11186878.9/55

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -95.666 ± 356.956 $\chi^2/\text{NDF}: 18.2/10$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -80.952 ± 388.524 $\chi^2/\text{NDF}: 17.2/8$

Left: -88.931 ± 262.859 $\chi^2/\text{NDF}: 35.3/19$

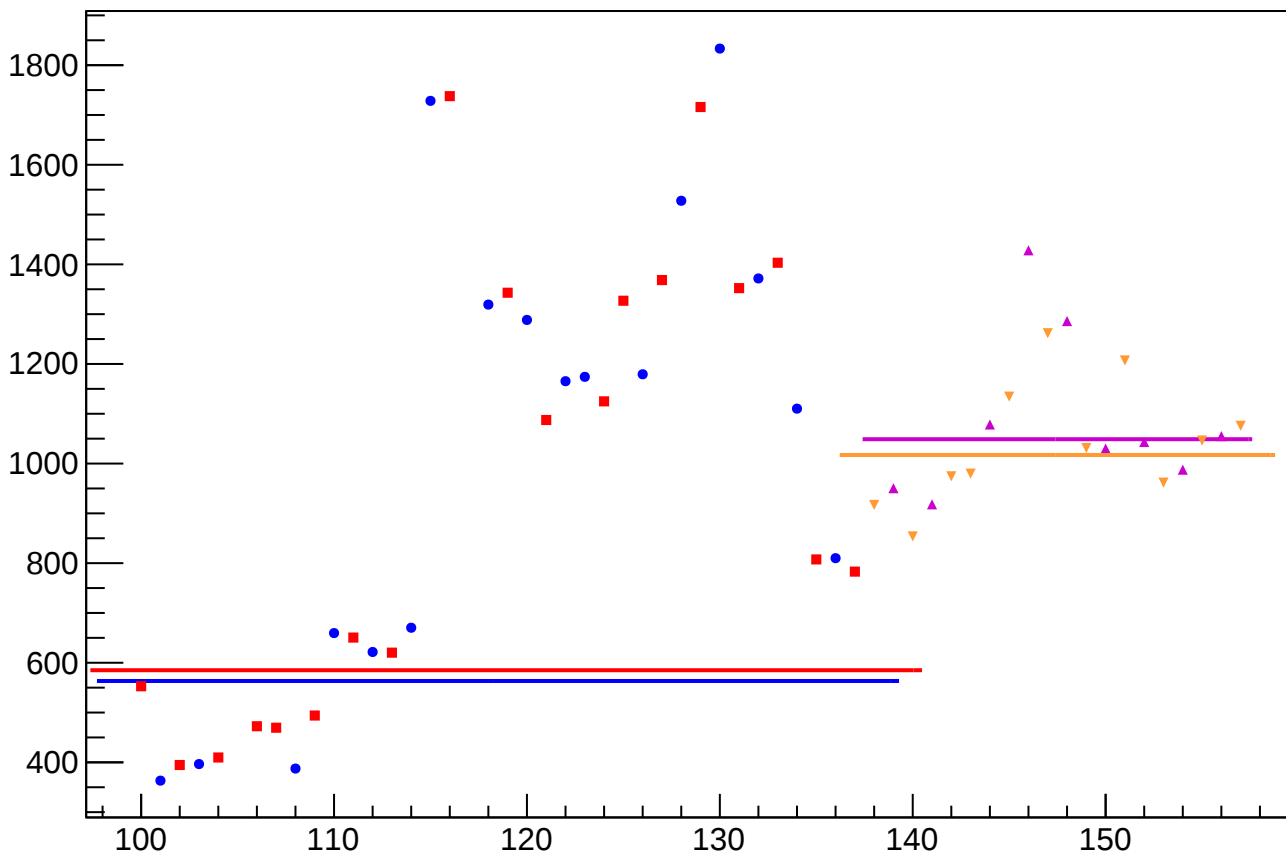
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -236.213 ± 210.417 $\chi^2/\text{NDF}: 34.1/25$

Out: -98.568 ± 202.535 $\chi^2/\text{NDF}: 40.6/29$

All: -164.764 ± 145.921 $\chi^2/\text{NDF}: 74.9/55$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1017.205 $\pm$ 0.252 χ^2 /NDF:204797.3/10

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1048.902 $\pm$ 0.275 χ^2 /NDF:227082.8/8

Left: 1031.714 $\pm$ 0.186 χ^2 /NDF: 439098.7/19

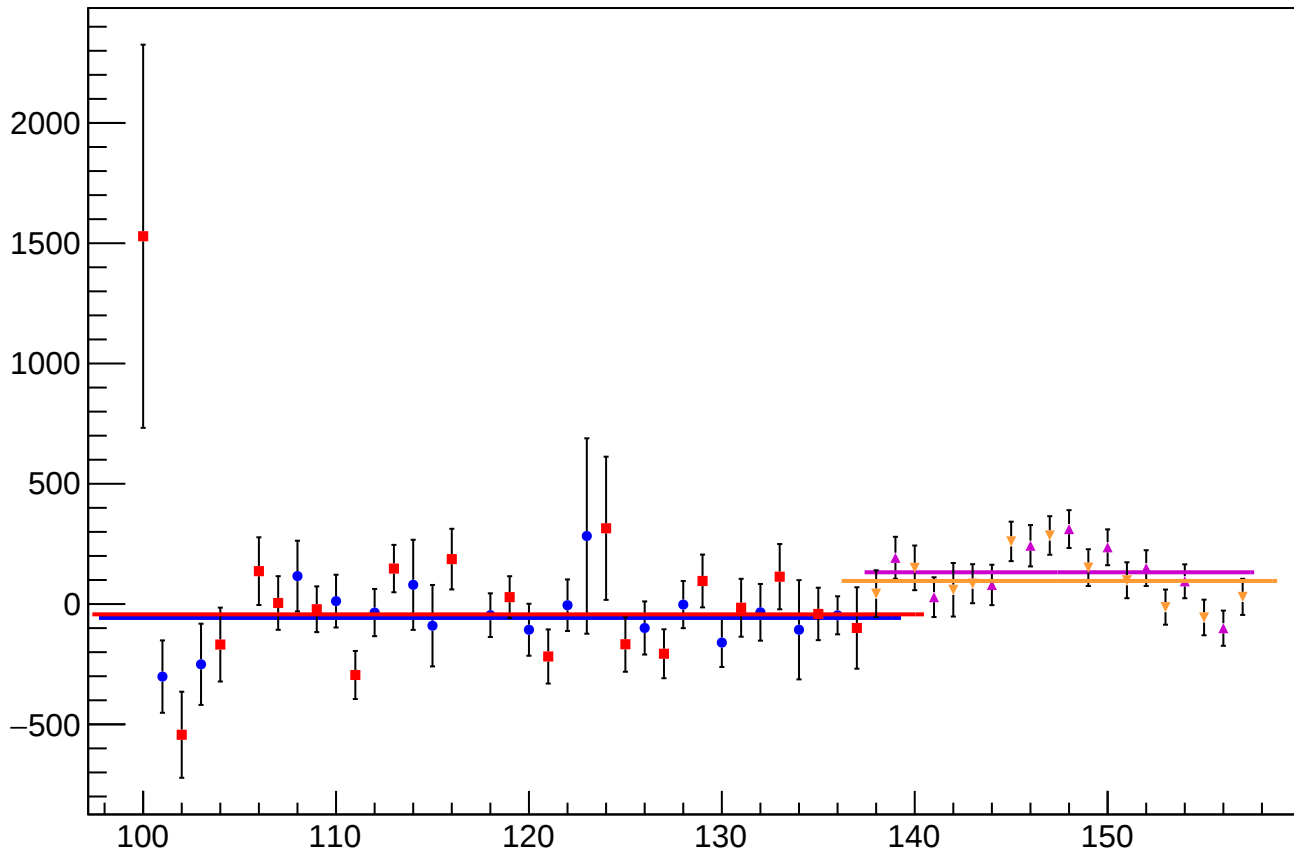
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 705.797 $\pm$ 0.149 χ^2 /NDF:5693207.9/25

Out: 724.132 $\pm$ 0.143 χ^2 /NDF:5011729.7/29

All: 715.314 $\pm$ 0.103 χ^2 /NDF: 10712820.3/55

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 96.086 $\pm$ 24.564 χ^2 /NDF:18.1/10

Right Out: -42.790 $\pm$ 27.694 χ^2 /NDF: 39.1/18

Left In: 132.101 $\pm$ 26.120 χ^2 /NDF:21.7/8

Left: 112.989 $\pm$ 17.894 χ^2 /NDF: 40.8/19

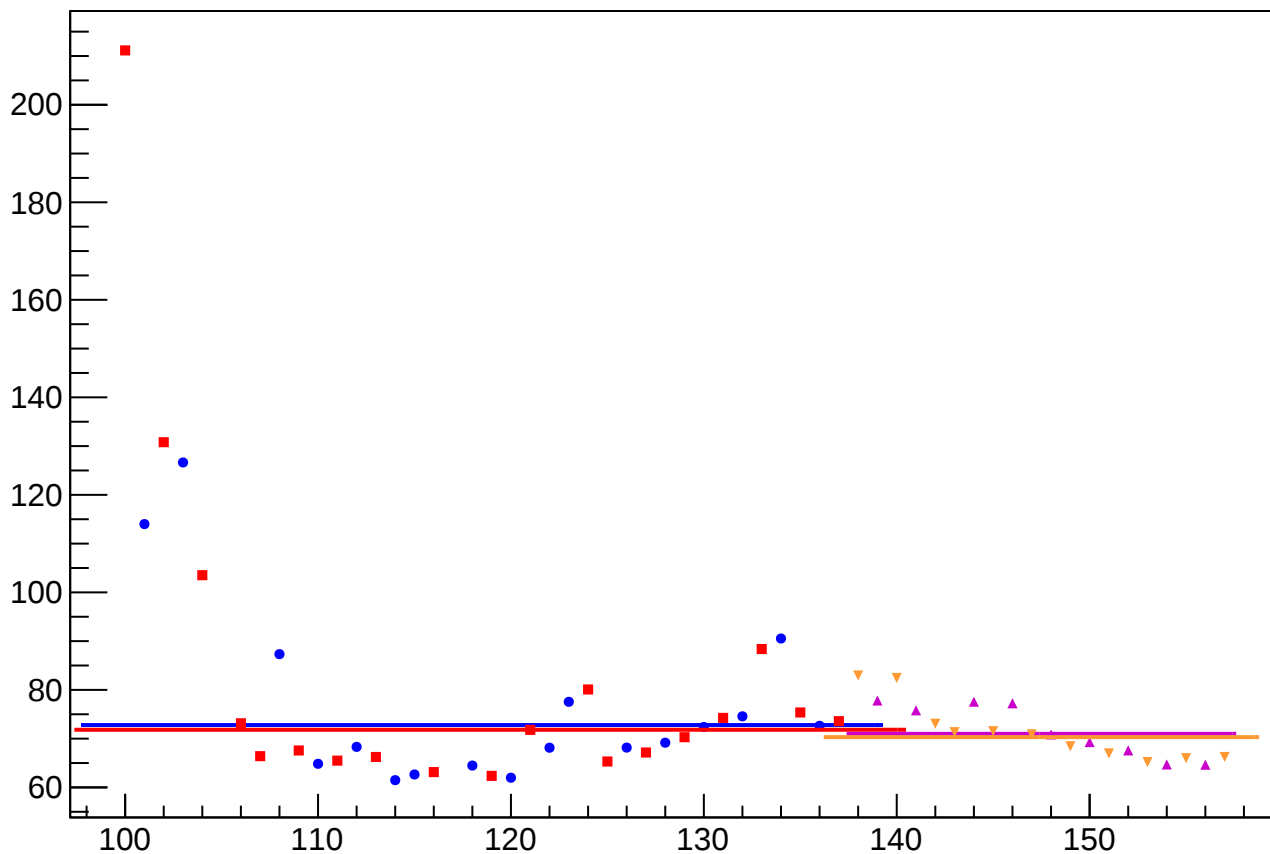
Right: -49.985 $\pm$ 19.927 χ^2 /NDF: 48.4/35

In: 46.086 $\pm$ 19.316 χ^2 /NDF:54.7/25

Out: 34.936 $\pm$ 18.377 χ^2 /NDF:71.2/29

All: 40.234 $\pm$ 13.314 χ^2 /NDF: 126.2/55

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 70.312 ± 0.017 $\chi^2/\text{NDF}: 97770.0/10$

Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$

Left In: 70.985 ± 0.018 $\chi^2/\text{NDF}: 78153.8/8$

Left: 70.628 ± 0.013 $\chi^2/\text{NDF}: 176628.7/19$

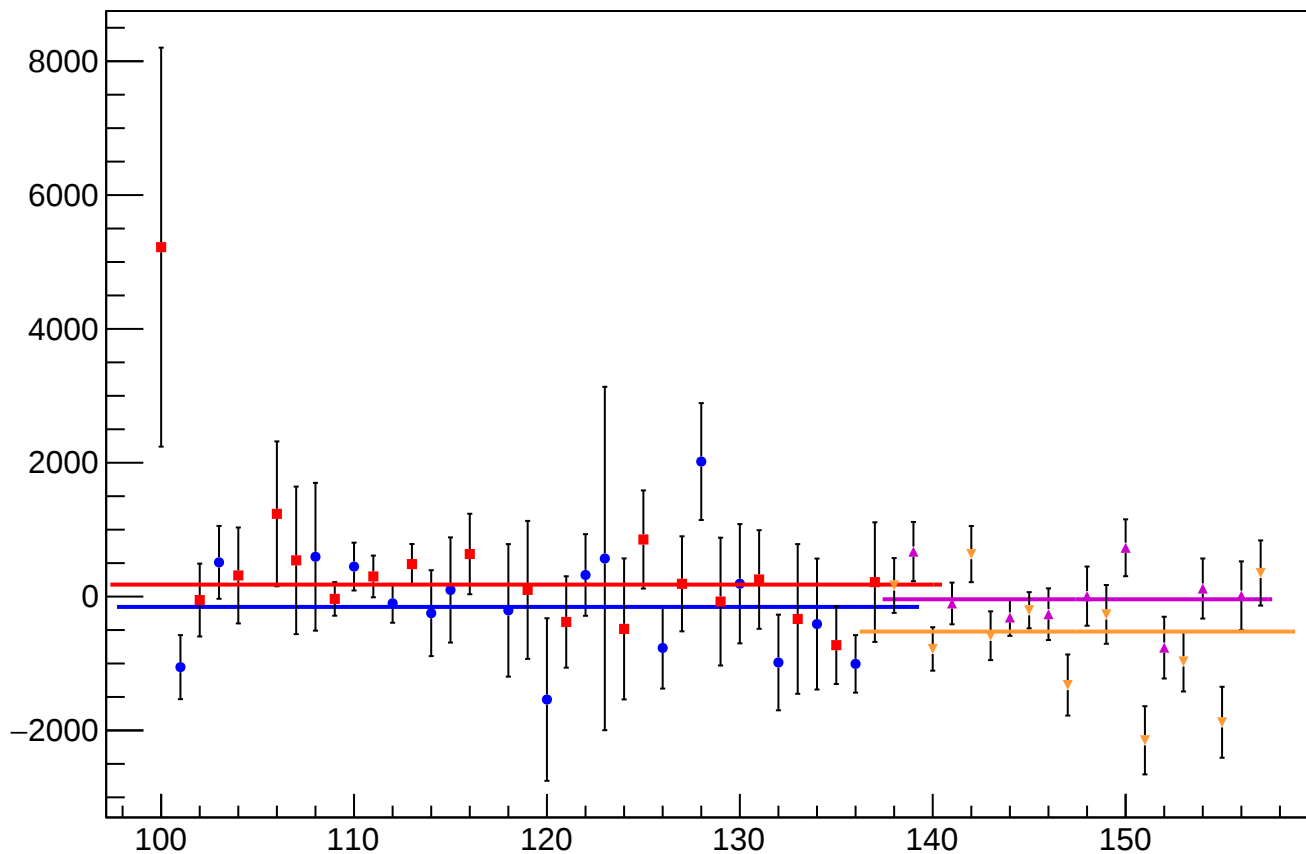
Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$

In: 71.803 ± 0.014 $\chi^2/\text{NDF}: 547253.2/25$

Out: 70.978 ± 0.013 $\chi^2/\text{NDF}: 566760.3/29$

All: 71.370 ± 0.009 $\chi^2/\text{NDF}: 1115929.8/55$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -523.072 ± 120.460 χ^2/NDF : 36.8/10

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: -40.455 ± 129.647 χ^2/NDF : 9.8/8

Left: -299.466 ± 88.247 χ^2/NDF : 54.1/19

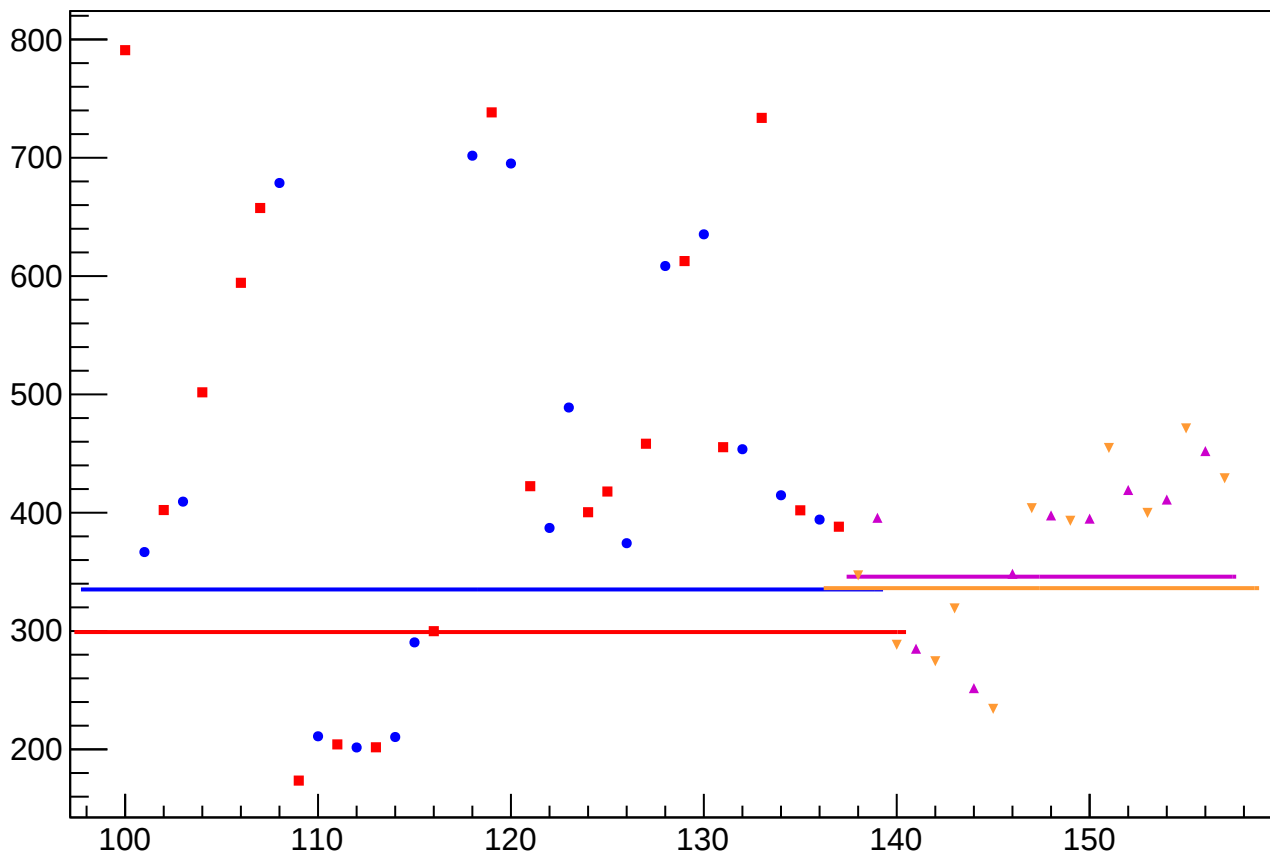
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -92.778 ± 95.343 χ^2/NDF : 33.4/25

Out: -188.075 ± 87.106 χ^2/NDF : 64.3/29

All: -144.720 ± 64.308 χ^2/NDF : 98.2/55

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 336.256+/-0.085 χ^2/NDF : 805427.3/10

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 345.939+/-0.092 χ^2/NDF : 569873.6/8

Left: 340.742+/-0.062 χ^2/NDF : 1381288.4/19

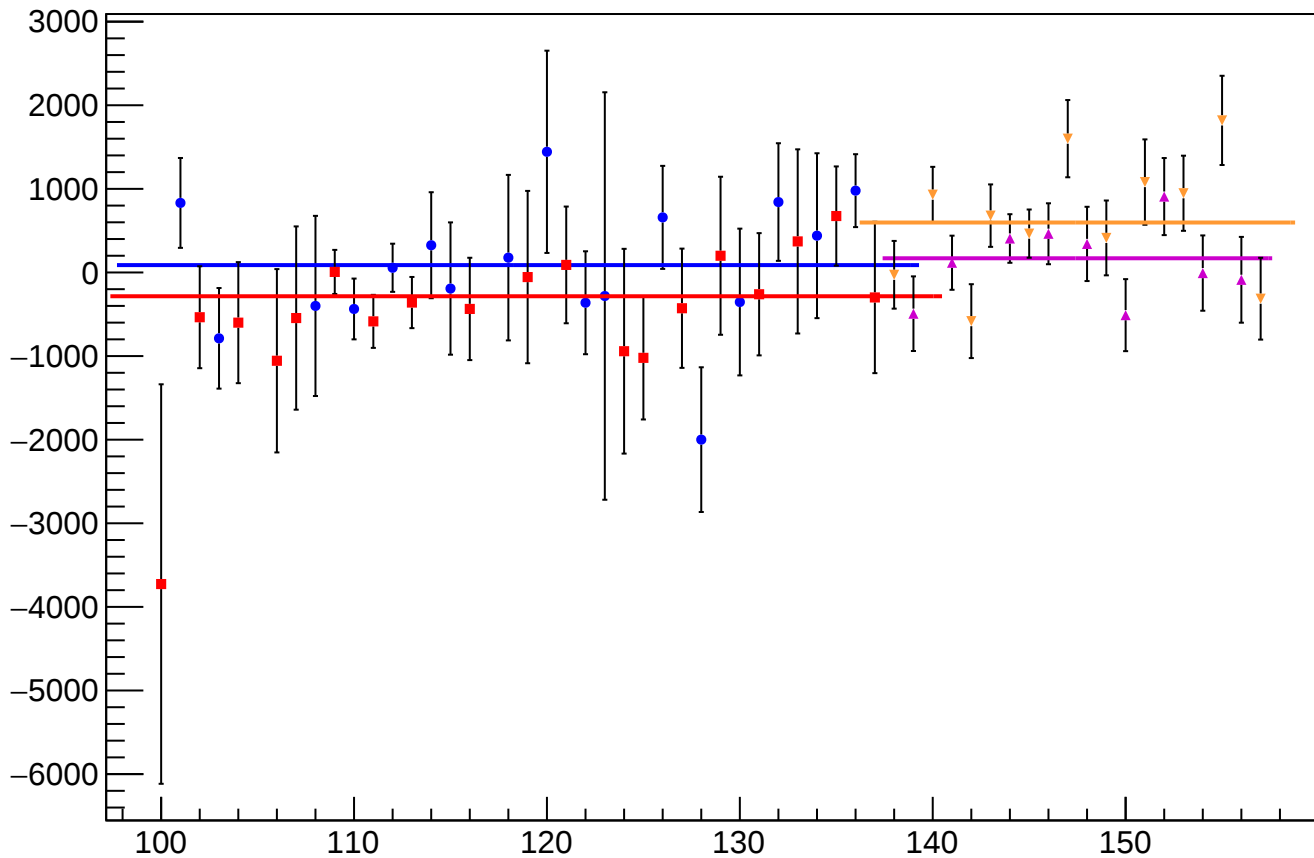
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 340.978+/-0.067 χ^2/NDF : 2570297.1/25

Out: 318.545+/-0.062 χ^2/NDF : 3727130.8/29

All: 328.751+/-0.045 χ^2/NDF : 6357773.3/55

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 597.464 $\pm$ 123.455 χ^2/NDF : 25.9/10

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 169.731 $\pm$ 131.502 χ^2/NDF : 9.2/8

Left: 397.083 $\pm$ 90.006 χ^2/NDF : 40.7/19

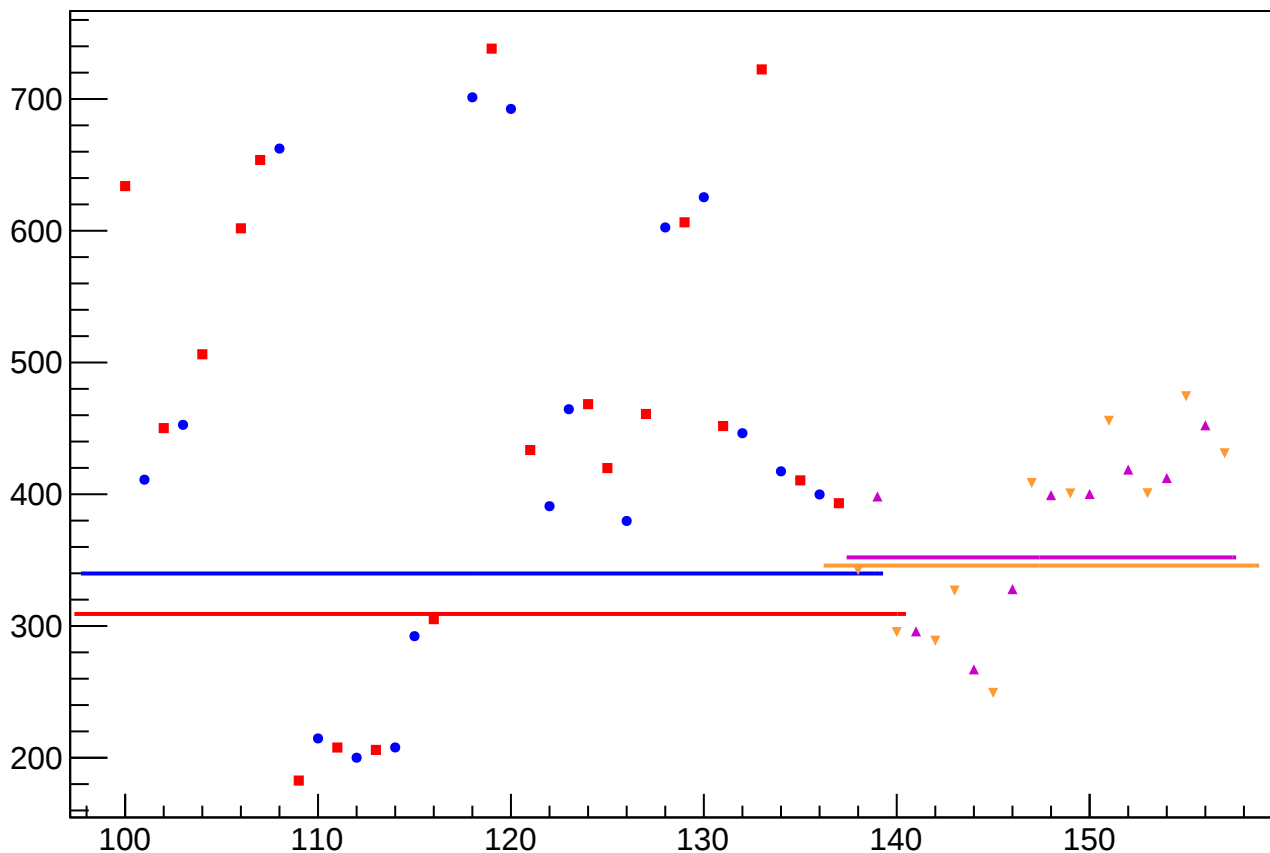
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 132.341 $\pm$ 96.801 χ^2/NDF : 30.1/25

Out: 178.134 $\pm$ 89.414 χ^2/NDF : 60.3/29

All: 157.051 $\pm$ 65.682 χ^2/NDF : 90.5/55

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 χ^2/NDF : 2043522.4/16

Left Out: 345.862 ± 0.087 χ^2/NDF : 675179.1/10

Right Out: 309.158 ± 0.092 χ^2/NDF : 2735887.4/18

Left In: 352.075 ± 0.093 χ^2/NDF : 462960.5/8

Left: 348.772 ± 0.064 χ^2/NDF : 1140512.5/19

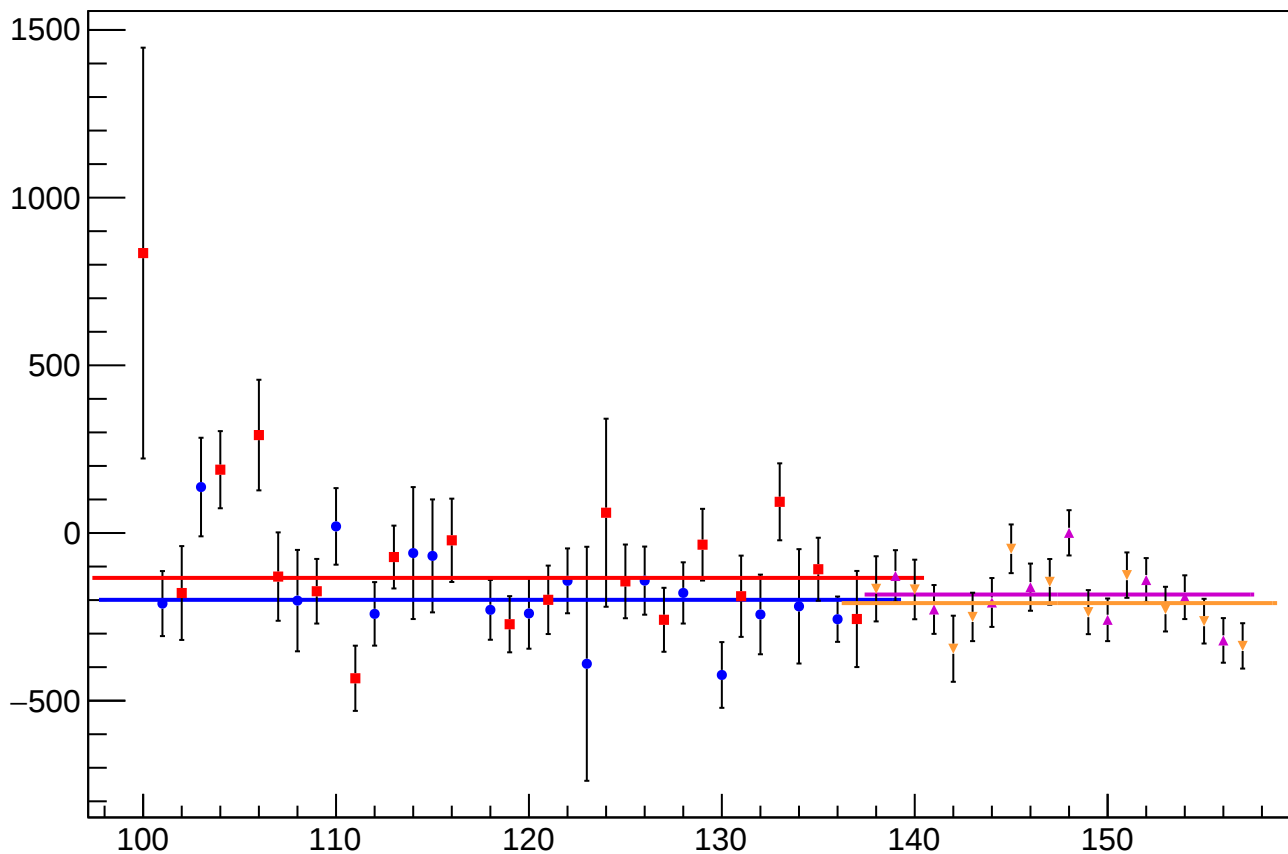
Right: 323.006 ± 0.068 χ^2/NDF : 4829958.1/35

In: 346.474 ± 0.068 χ^2/NDF : 2514401.5/25

Out: 328.411 ± 0.063 χ^2/NDF : 3495113.7/29

All: 336.727 ± 0.046 χ^2/NDF : 6047091.7/55

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -208.990 $\pm$ 22.074 χ^2/NDF : 14.4/10

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -183.418 $\pm$ 22.880 χ^2/NDF : 14.6/8

Left: -196.662 $\pm$ 15.886 χ^2/NDF : 29.7/19

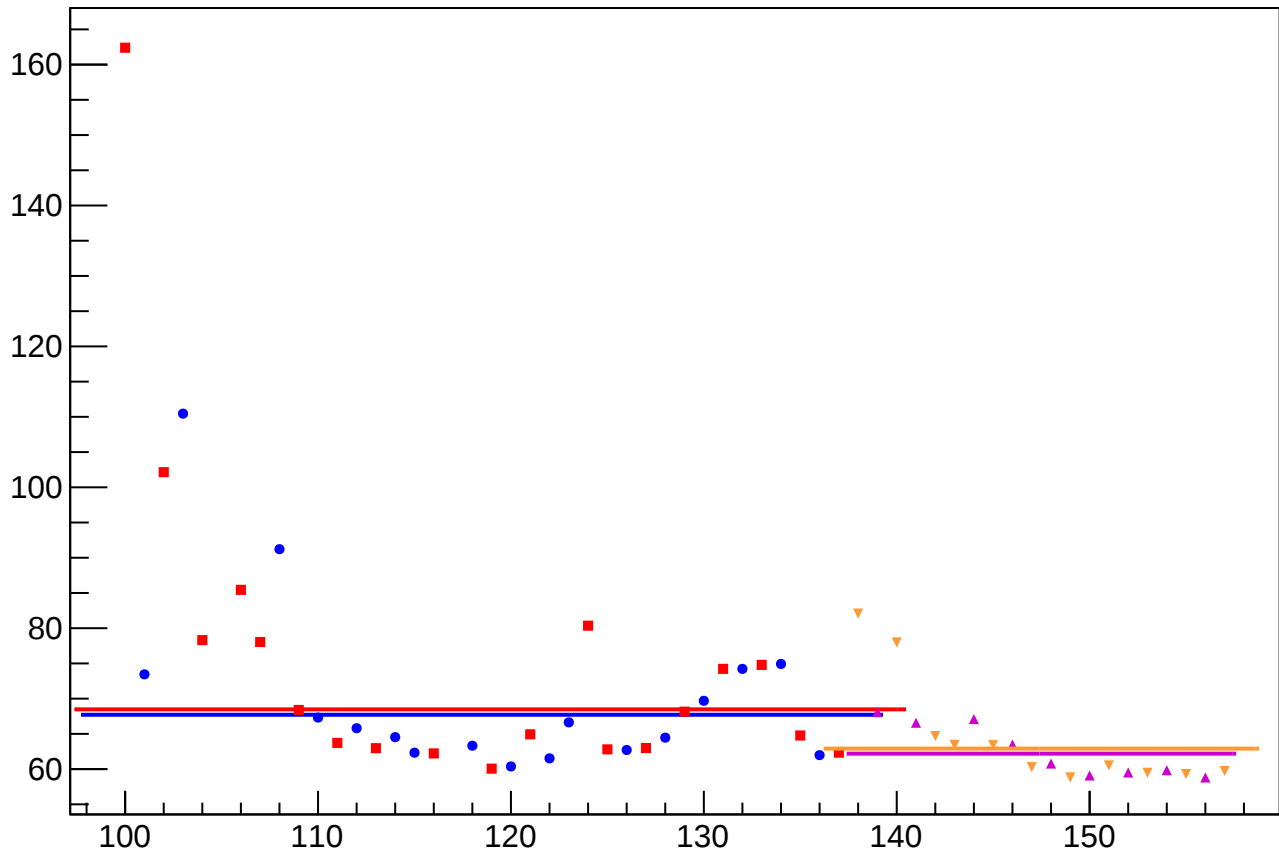
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -190.176 $\pm$ 17.322 χ^2/NDF : 32.4/25

Out: -177.832 $\pm$ 16.889 χ^2/NDF : 58.4/29

All: -183.848 $\pm$ 12.093 χ^2/NDF : 91.1/55

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 62.913 $\pm$ 0.016 χ^2 /NDF: 165100.1/10

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 62.192 $\pm$ 0.016 χ^2 /NDF: 45485.6/8

Left: 62.565 $\pm$ 0.011 χ^2 /NDF: 211613.4/19

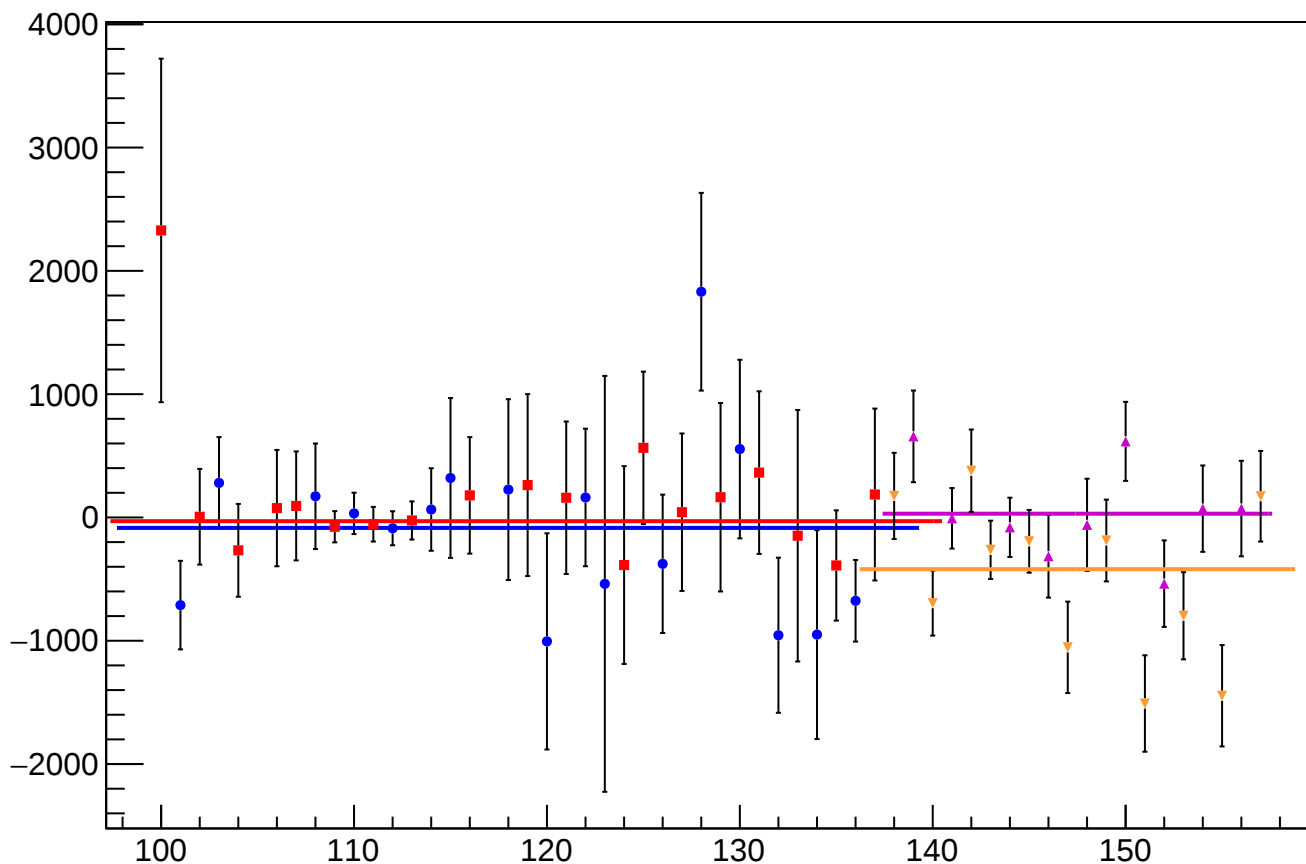
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.549 $\pm$ 0.012 χ^2 /NDF: 378124.4/25

Out: 65.221 $\pm$ 0.012 χ^2 /NDF: 499291.2/29

All: 64.894 $\pm$ 0.009 χ^2 /NDF: 878959.0/55

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -419.358 ± 95.720 χ^2/NDF : 32.1/10

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 30.414 ± 105.503 χ^2/NDF : 10.2/8

Left: -216.287 ± 70.891 χ^2/NDF : 52.2/19

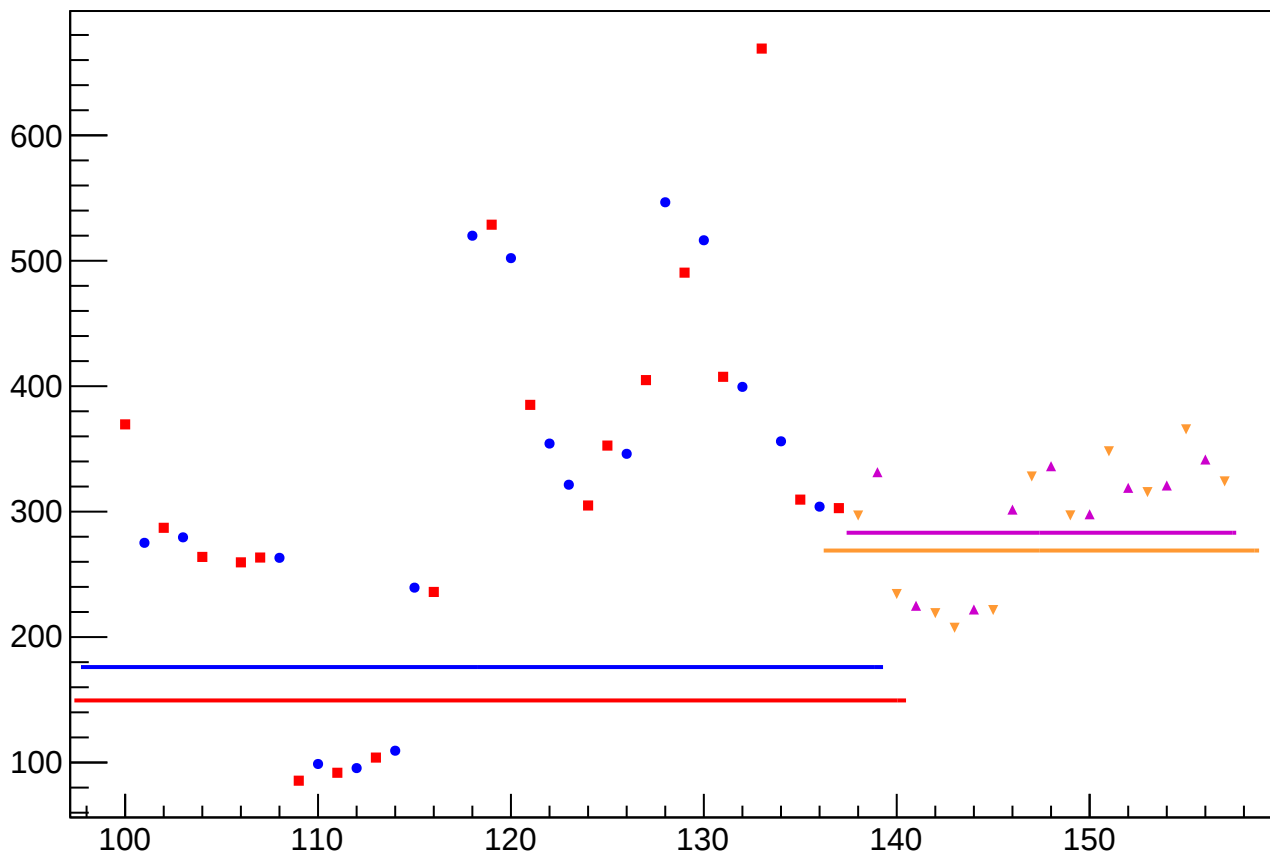
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -40.946 ± 65.071 χ^2/NDF : 30.8/25

Out: -164.962 ± 56.325 χ^2/NDF : 49.2/29

All: -111.842 ± 42.587 χ^2/NDF : 82.1/55

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 268.993+/-0.068 χ^2/NDF : 634392.7/10

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 283.173+/-0.075 χ^2/NDF : 415474.2/8

Left: 275.395+/-0.050 χ^2/NDF : 1069683.7/19

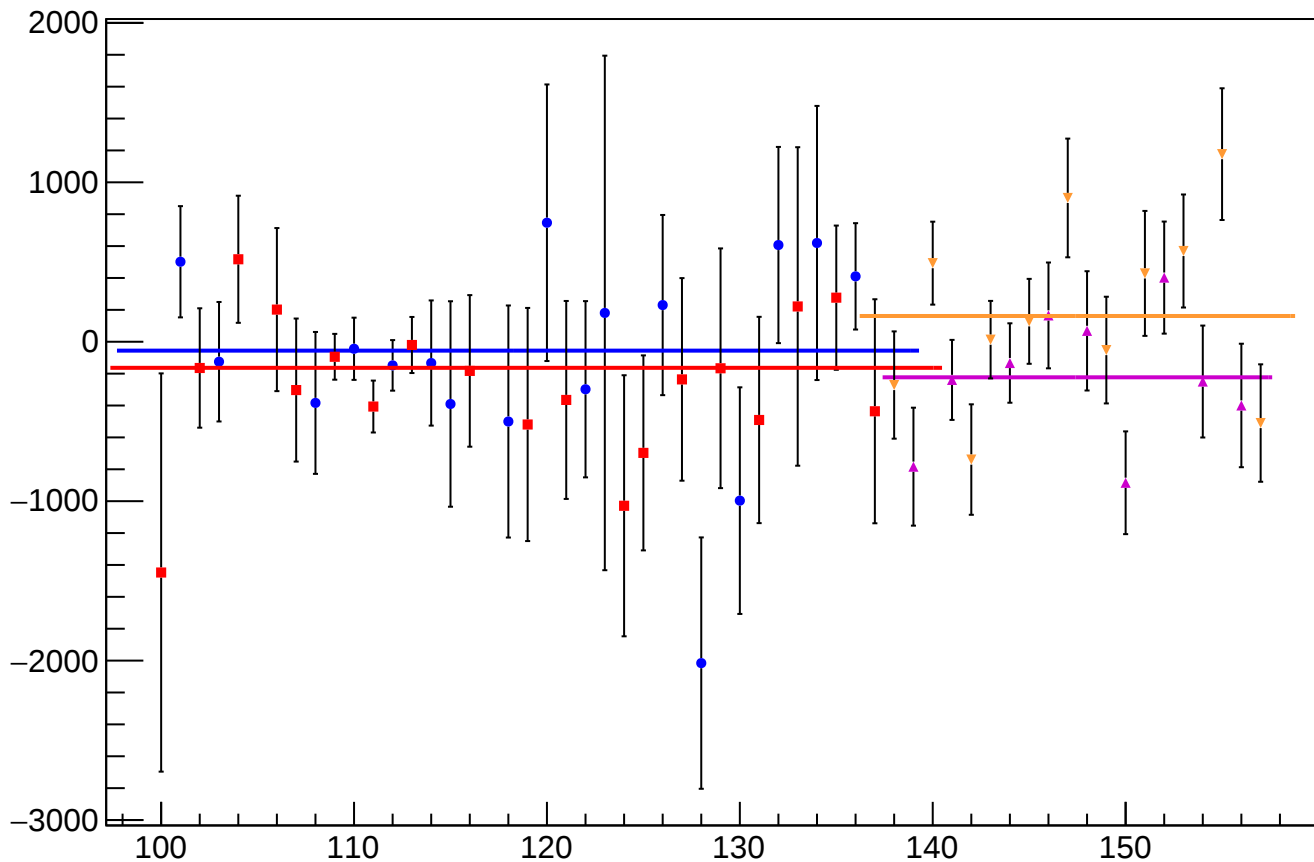
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 216.829+/-0.046 χ^2/NDF : 5915551.1/25

Out: 190.865+/-0.040 χ^2/NDF : 7493488.3/29

All: 201.986+/-0.030 χ^2/NDF : 13591072.7/55

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 161.544+/-96.766 χ^2/NDF : 25.9/10

Right Out: -163.564+/-76.926 χ^2/NDF : 11.4/18

Left In: -223.065+/-106.582 χ^2/NDF : 12.0/8

Left: -12.238+/-71.643 χ^2/NDF : 45.1/19

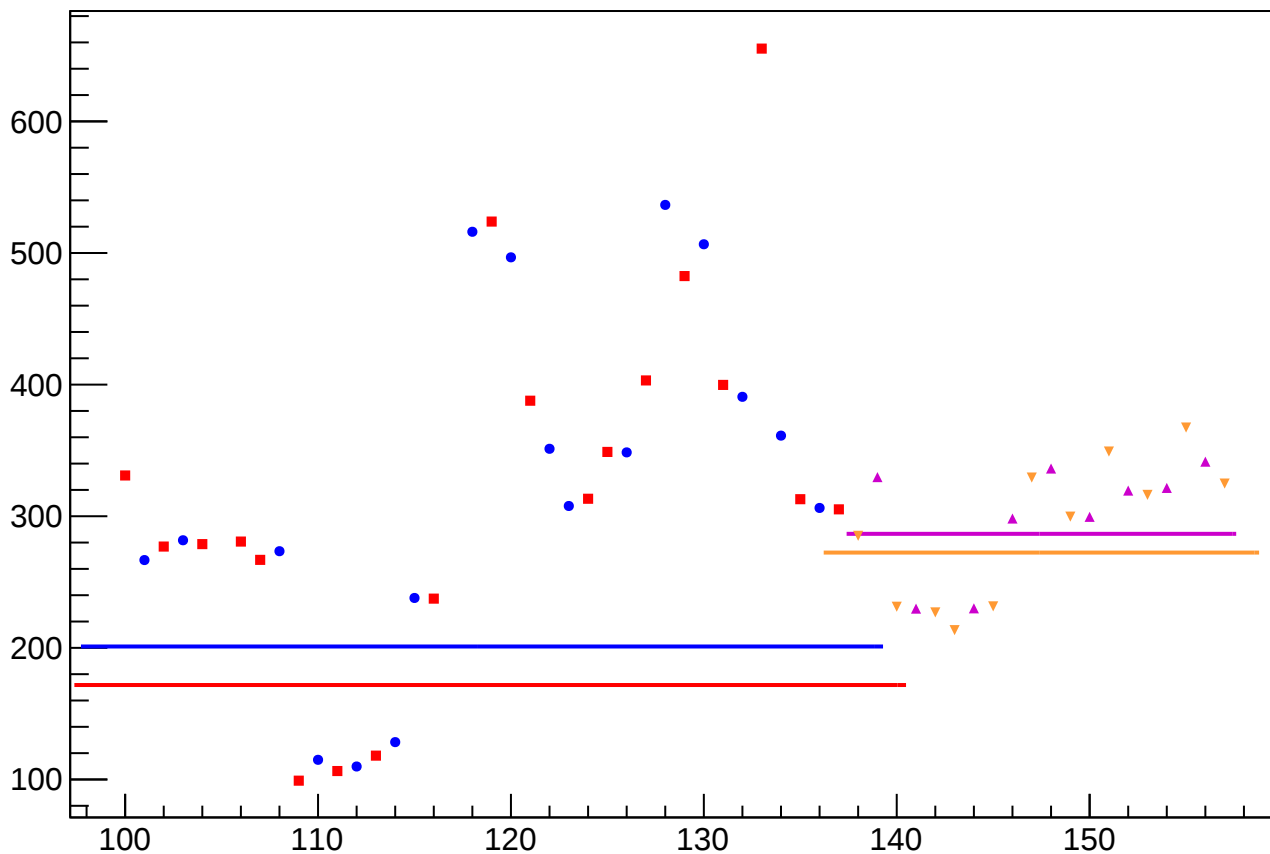
Right: -118.372+/-58.632 χ^2/NDF : 29.4/35

In: -125.895+/-69.018 χ^2/NDF : 30.6/25

Out: -37.668+/-60.217 χ^2/NDF : 44.3/29

All: -75.800+/-45.374 χ^2/NDF : 75.8/55

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 272.395 $\pm$ 0.068 χ^2/NDF : 565755.3/10

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 286.633 $\pm$ 0.075 χ^2/NDF : 351132.4/8

Left: 278.828 $\pm$ 0.051 χ^2/NDF : 936452.8/19

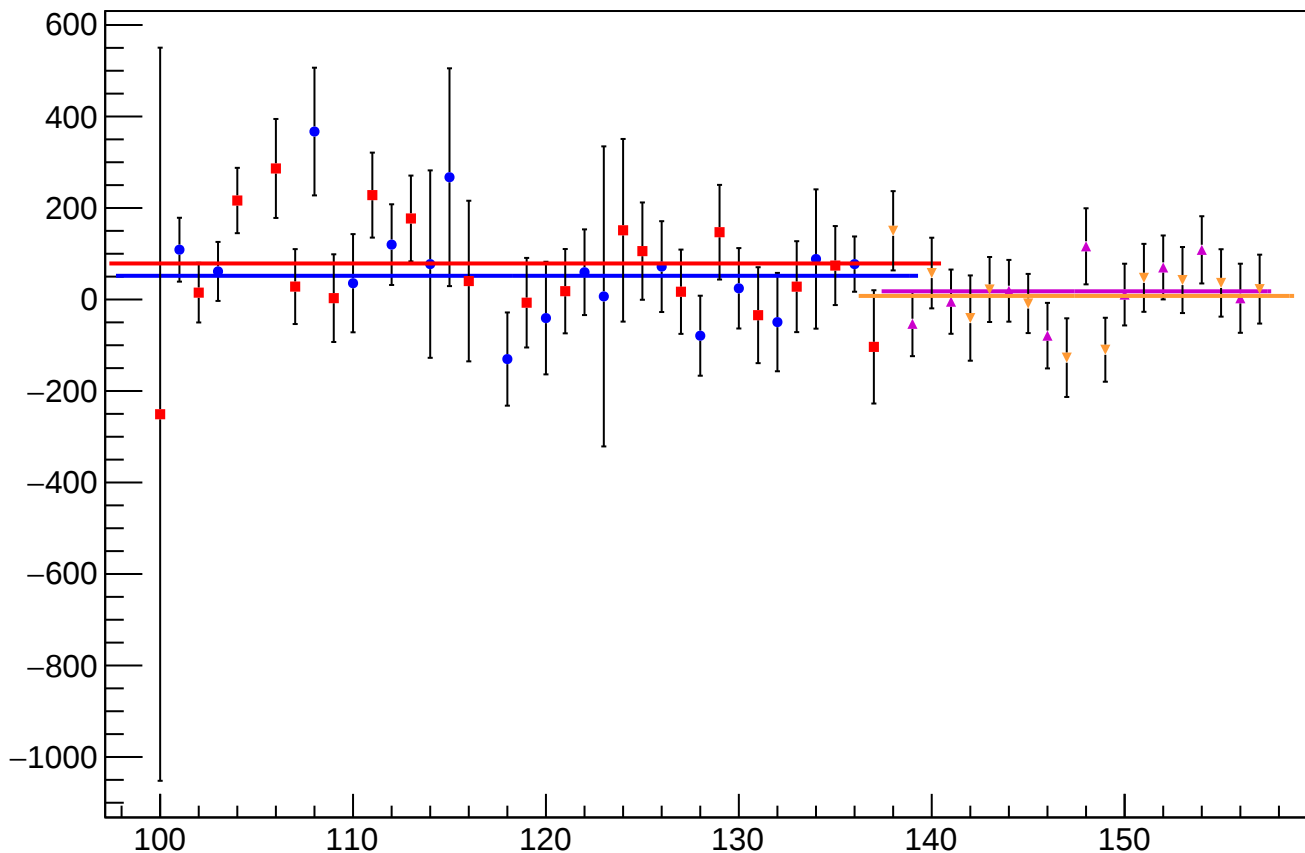
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 236.929 $\pm$ 0.049 χ^2/NDF : 4533200.4/25

Out: 210.733 $\pm$ 0.043 χ^2/NDF : 5989293.8/29

All: 222.056 $\pm$ 0.032 χ^2/NDF : 10686086.6/55

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 ± 23.538 $\chi^2/\text{NDF}: 14.5/16$

Left Out: 7.799 ± 22.780 $\chi^2/\text{NDF}: 9.5/10$

Right Out: 78.749 ± 22.490 $\chi^2/\text{NDF}: 19.1/18$

Left In: 17.930 ± 23.926 $\chi^2/\text{NDF}: 6.5/8$

Left: 12.616 ± 16.498 $\chi^2/\text{NDF}: 16.1/19$

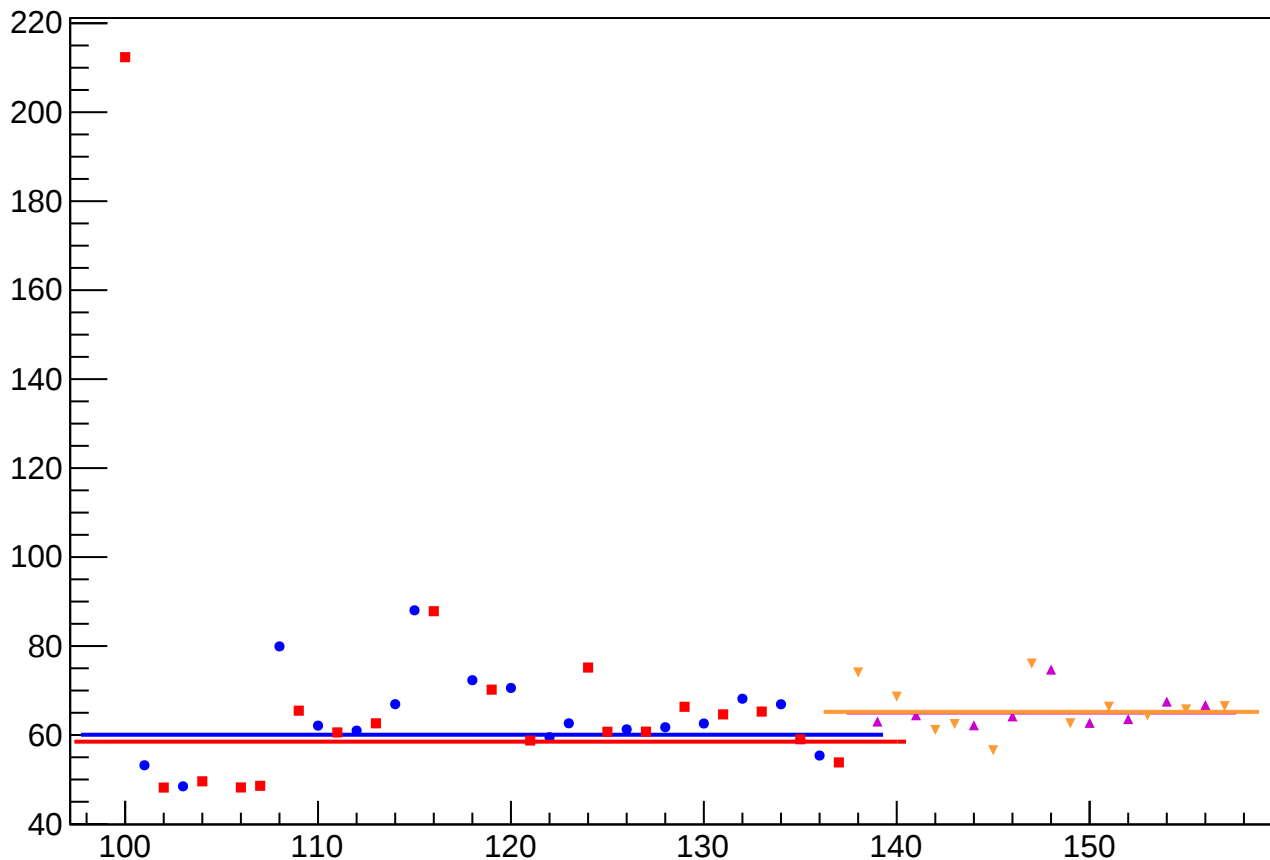
Right: 65.887 ± 16.261 $\chi^2/\text{NDF}: 34.4/35$

In: 35.142 ± 16.780 $\chi^2/\text{NDF}: 22.0/25$

Out: 43.728 ± 16.005 $\chi^2/\text{NDF}: 33.5/29$

All: 39.638 ± 11.581 $\chi^2/\text{NDF}: 55.7/55$

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: 65.209 $\pm$ 0.016 χ^2/NDF : 103353.6/10

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 65.068 $\pm$ 0.017 χ^2/NDF : 39150.4/8

Left: 65.142 $\pm$ 0.012 χ^2/NDF : 142540.6/19

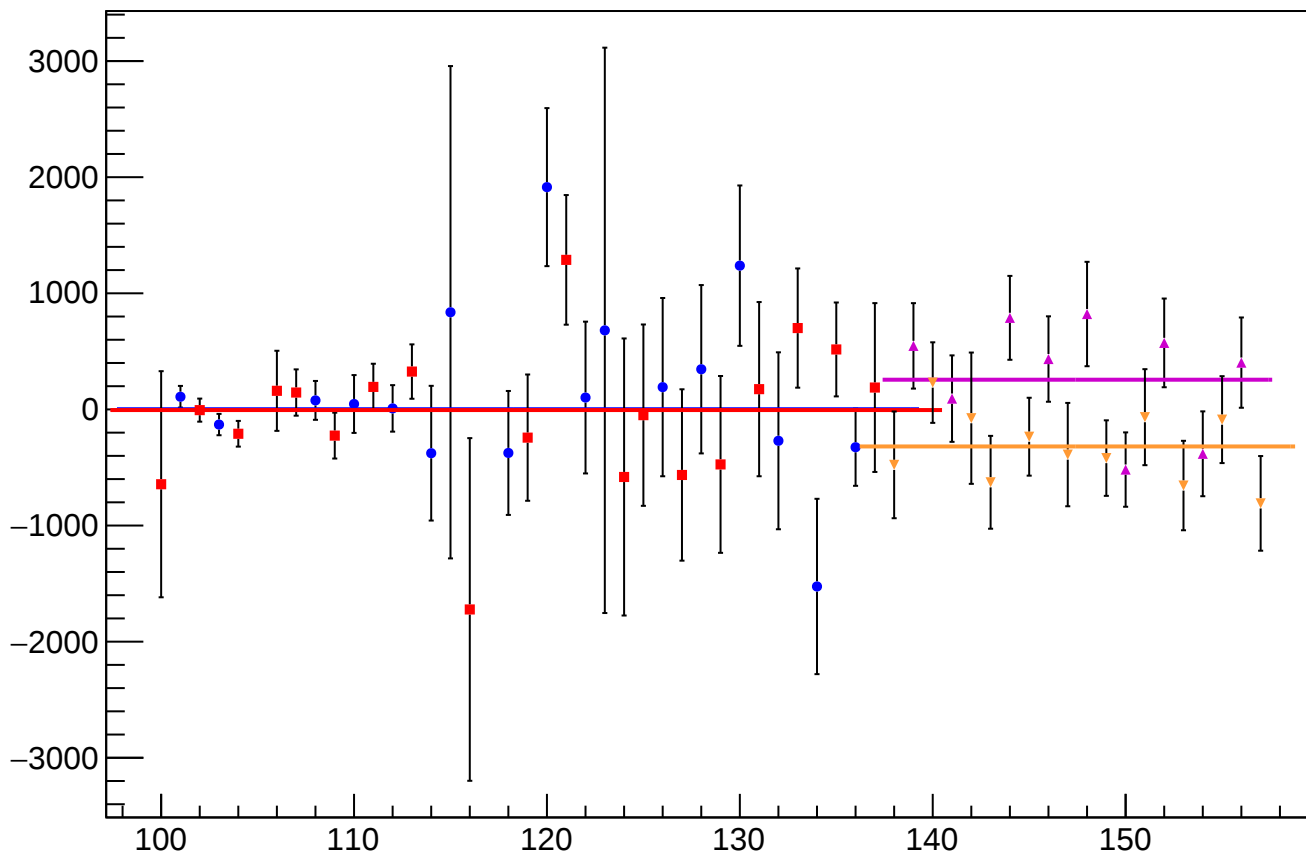
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 62.526 $\pm$ 0.012 χ^2/NDF : 312673.2/25

Out: 61.816 $\pm$ 0.011 χ^2/NDF : 539803.5/29

All: 62.154 $\pm$ 0.008 χ^2/NDF : 854351.0/55

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -318.879 $\pm$ 118.201 χ^2 /NDF:6.6/10

Right Out: -5.402 $\pm$ 56.516 χ^2 /NDF: 20.7/18

Left In: 255.870 $\pm$ 123.732 χ^2 /NDF:14.5/8

Left: -44.635 $\pm$ 85.469 χ^2 /NDF: 32.4/19

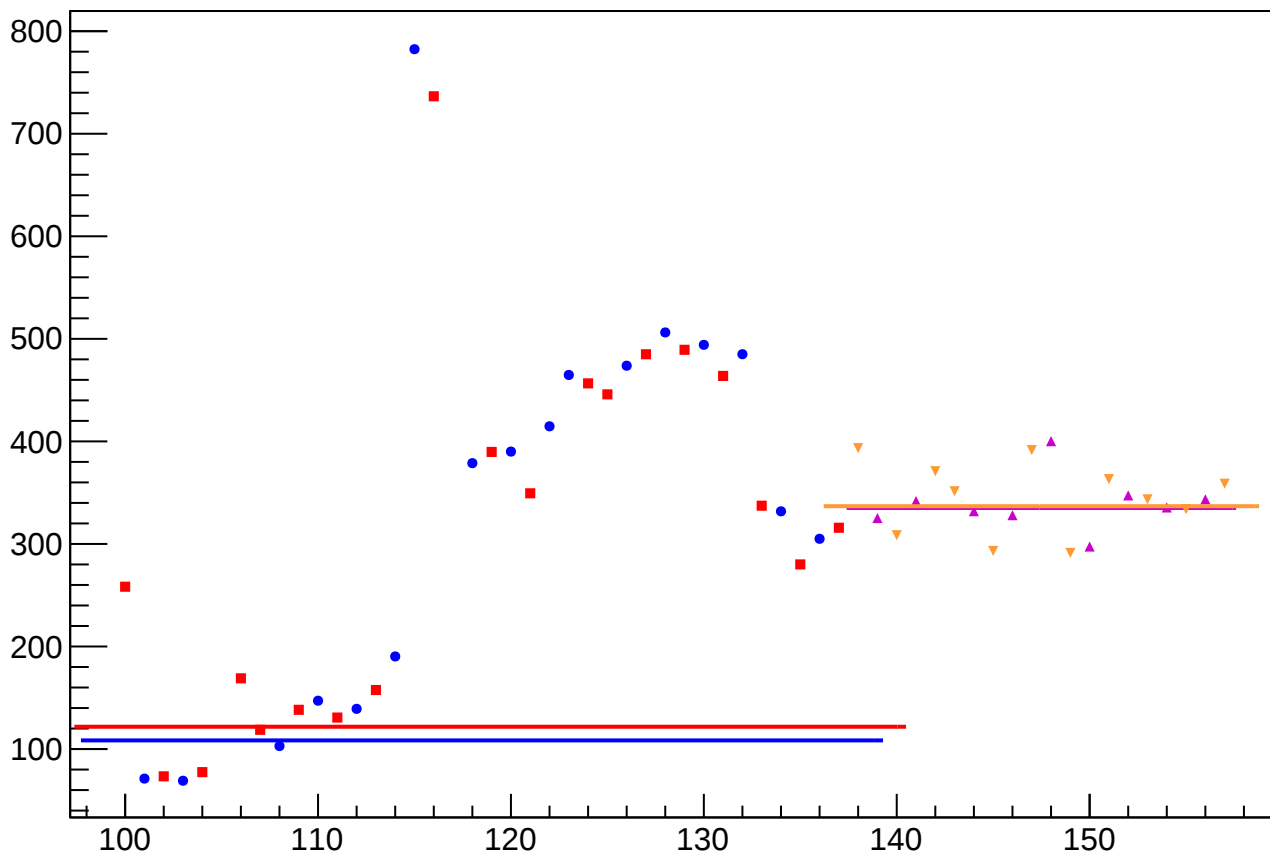
Right: -1.770 $\pm$ 39.150 χ^2 /NDF: 42.1/35

In: 42.626 $\pm$ 49.710 χ^2 /NDF:39.5/25

Out: -63.731 $\pm$ 50.988 χ^2 /NDF:33.0/29

All: -9.204 $\pm$ 35.593 χ^2 /NDF: 74.6/55

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 336.802 $\pm$ 0.084 χ^2 /NDF: 171670.1/10

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 335.074 $\pm$ 0.087 χ^2 /NDF: 75552.9/8

Left: 335.978 $\pm$ 0.060 χ^2 /NDF: 247427.1/19

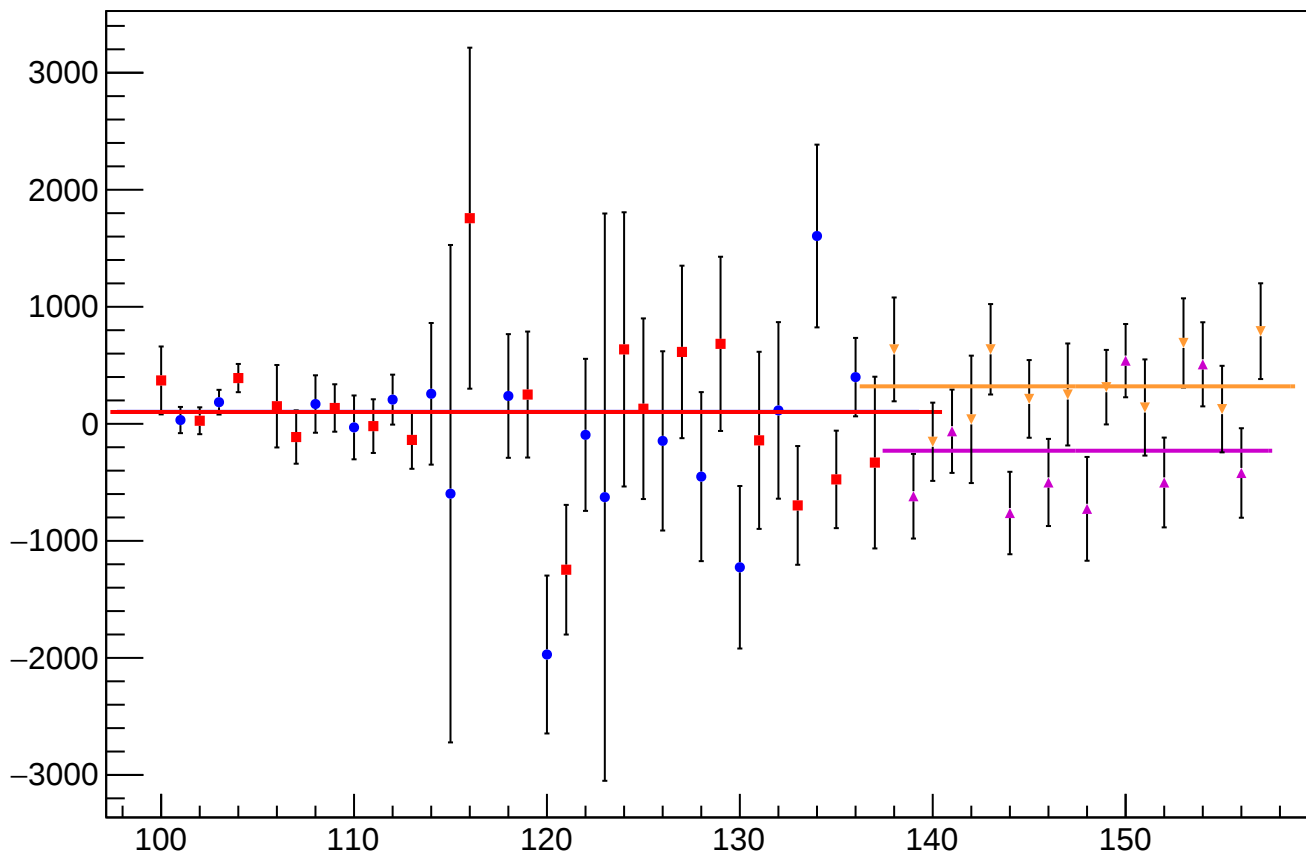
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 145.025 $\pm$ 0.035 χ^2 /NDF: 11106289.2/25

Out: 161.777 $\pm$ 0.036 χ^2 /NDF: 10330341.7/29

All: 153.189 $\pm$ 0.025 χ^2 /NDF: 21547316.1/55

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 320.402 $\pm$ 115.923 χ^2 /NDF:6.3/10

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -229.822 $\pm$ 121.723 χ^2 /NDF:16.5/8

Left: 58.712 $\pm$ 83.946 χ^2 /NDF: 33.5/19

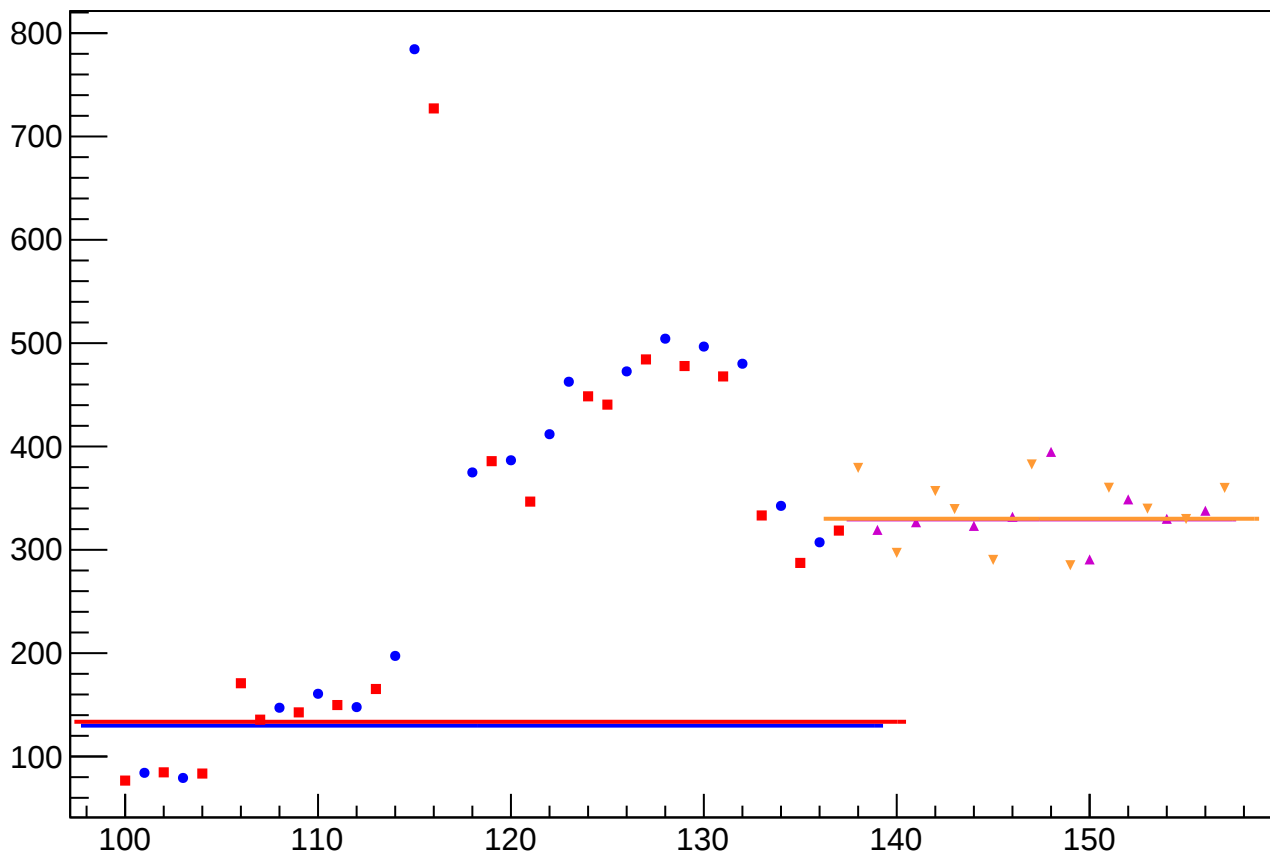
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 31.843 $\pm$ 56.039 χ^2 /NDF:42.6/25

Out: 148.584 $\pm$ 53.875 χ^2 /NDF:31.8/29

All: 92.511 $\pm$ 38.838 χ^2 /NDF: 76.6/55

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 330.074 $\pm$ 0.082 χ^2 /NDF: 170585.1/10

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 329.434 $\pm$ 0.086 χ^2 /NDF: 82538.8/8

Left: 329.770 $\pm$ 0.059 χ^2 /NDF: 253152.9/19

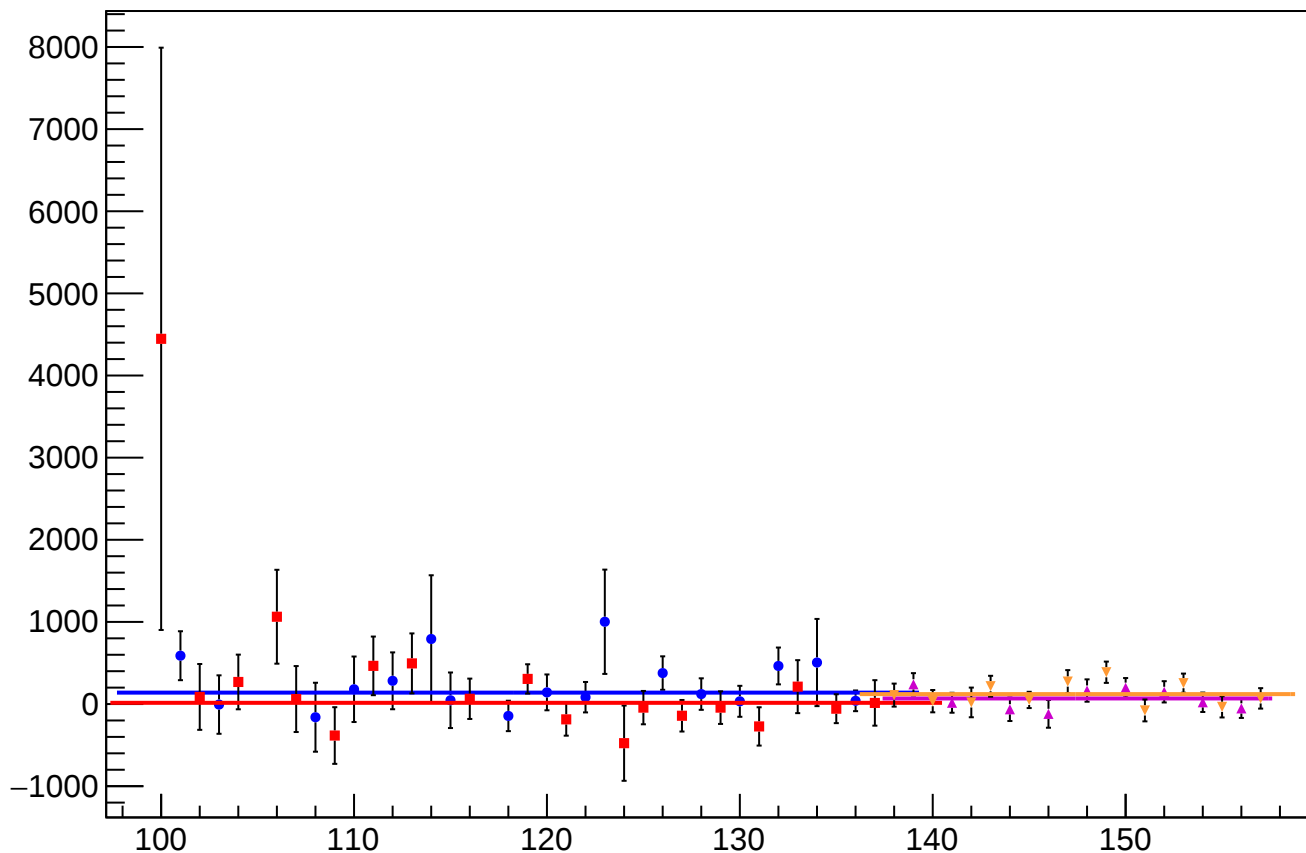
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 172.179 $\pm$ 0.040 χ^2 /NDF: 9147901.4/25

Out: 176.041 $\pm$ 0.038 χ^2 /NDF: 9038015.3/29

All: 174.186 $\pm$ 0.027 χ^2 /NDF: 18190851.5/55

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: 121.024 $\pm$ 38.750 χ^2 /NDF:12.4/10

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 68.035 $\pm$ 43.137 χ^2 /NDF:7.2/8

Left: 97.361 $\pm$ 28.827 χ^2 /NDF: 20.5/19

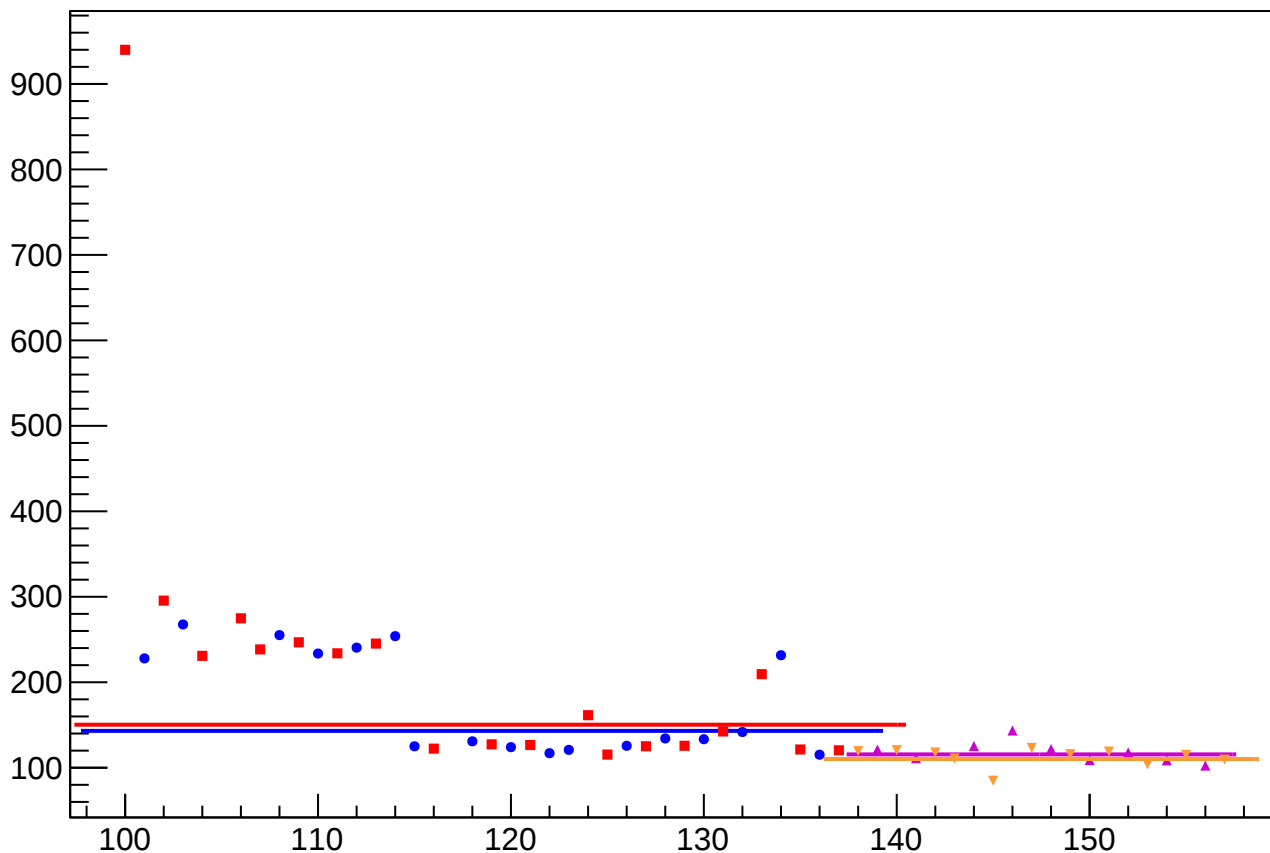
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 93.352 $\pm$ 34.609 χ^2 /NDF:21.3/25

Out: 89.879 $\pm$ 32.570 χ^2 /NDF:32.6/29

All: 91.510 $\pm$ 23.719 χ^2 /NDF: 53.9/55

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: 110.183 $\pm$ 0.027 χ^2 /NDF:194016.7/10

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 115.598 $\pm$ 0.031 χ^2 /NDF:113818.5/8

Left: 112.601 $\pm$ 0.020 χ^2 /NDF: 325278.4/19

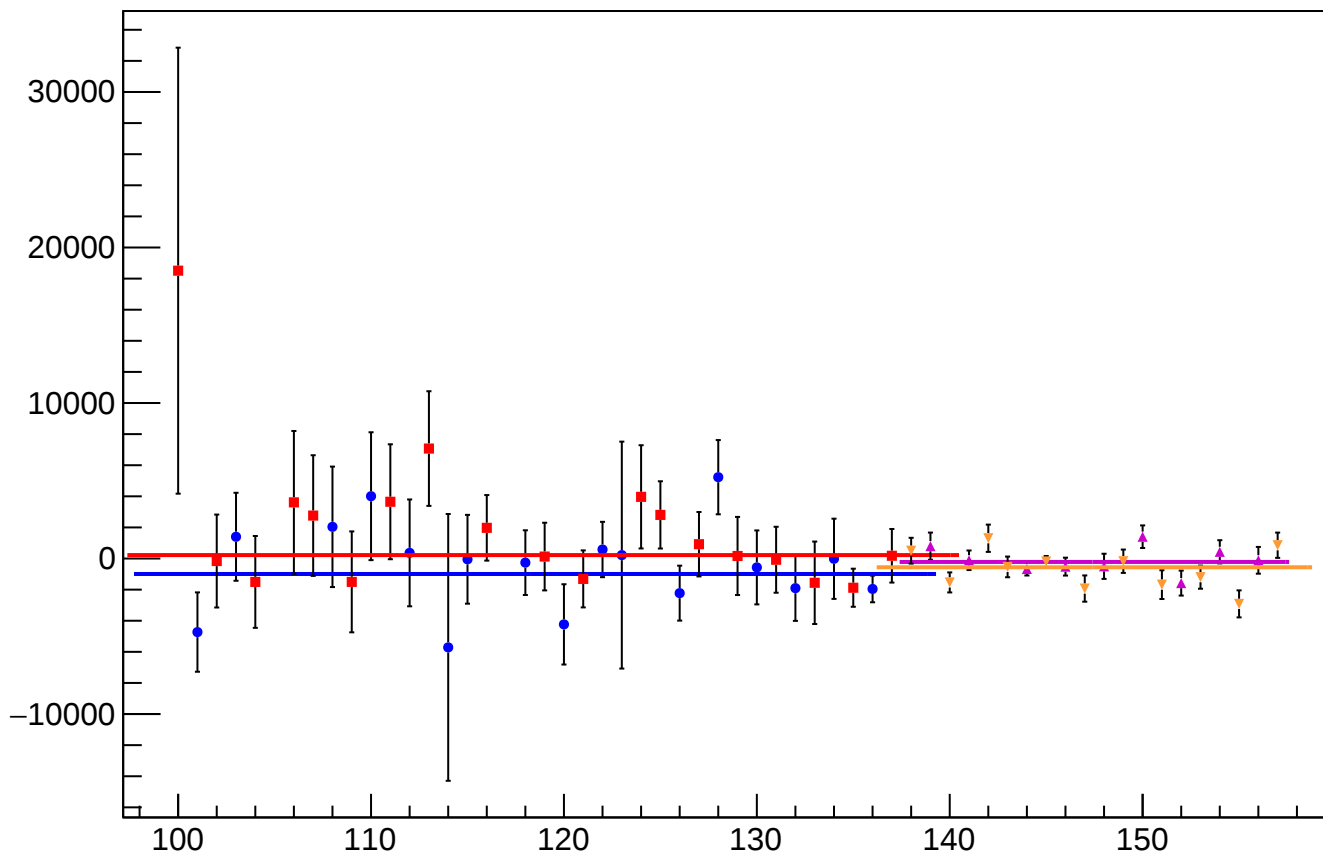
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 125.411 $\pm$ 0.024 χ^2 /NDF:1505569.1/25

Out: 121.968 $\pm$ 0.023 χ^2 /NDF:2256383.4/29

All: 123.585 $\pm$ 0.017 χ^2 /NDF: 3772447.1/55

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 $\pm$ 516.463 χ^2 /NDF: 16.9/16

Left Out: -562.219 $\pm$ 202.360 χ^2 /NDF:25.0/10

Right Out: 221.353 $\pm$ 543.431 χ^2 /NDF: 15.2/18

Left In: -219.692 $\pm$ 220.168 χ^2 /NDF:11.5/8

Left: -405.366 $\pm$ 148.988 χ^2 /NDF: 37.9/19

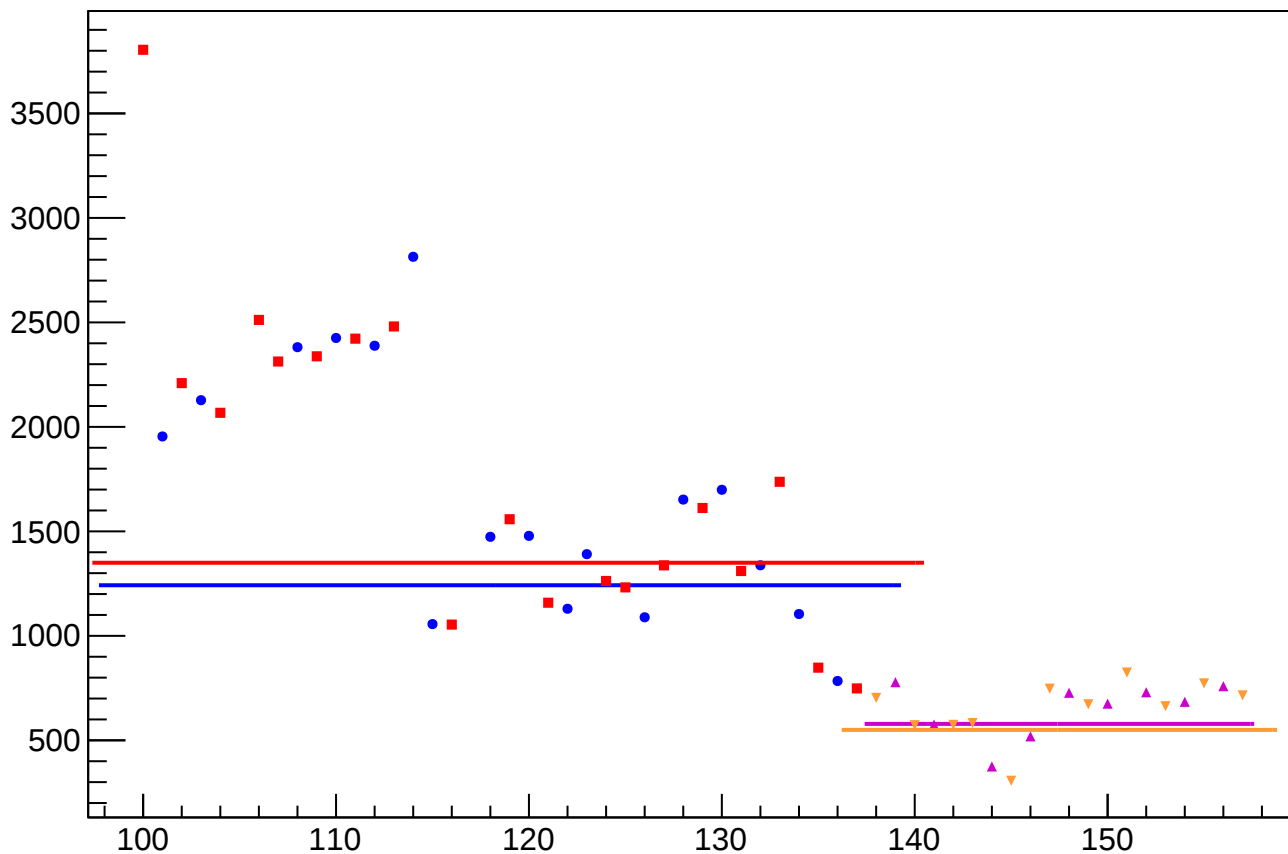
Right: -417.113 $\pm$ 374.365 χ^2 /NDF: 34.7/35

In: -338.735 $\pm$ 202.532 χ^2 /NDF:30.4/25

Out: -466.798 $\pm$ 189.639 χ^2 /NDF:42.0/29

All: -406.972 $\pm$ 138.429 χ^2 /NDF: 72.6/55

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 +/- 0.365 χ^2/NDF : 1767422.8/16

Left Out: 550.008 +/- 0.143 χ^2/NDF : 1624457.6/10

Right Out: 1349.870 +/- 0.384 χ^2/NDF : 1867853.5/18

Left In: 578.661 +/- 0.156 χ^2/NDF : 898095.2/8

Left: 563.129 +/- 0.105 χ^2/NDF : 2540914.3/19

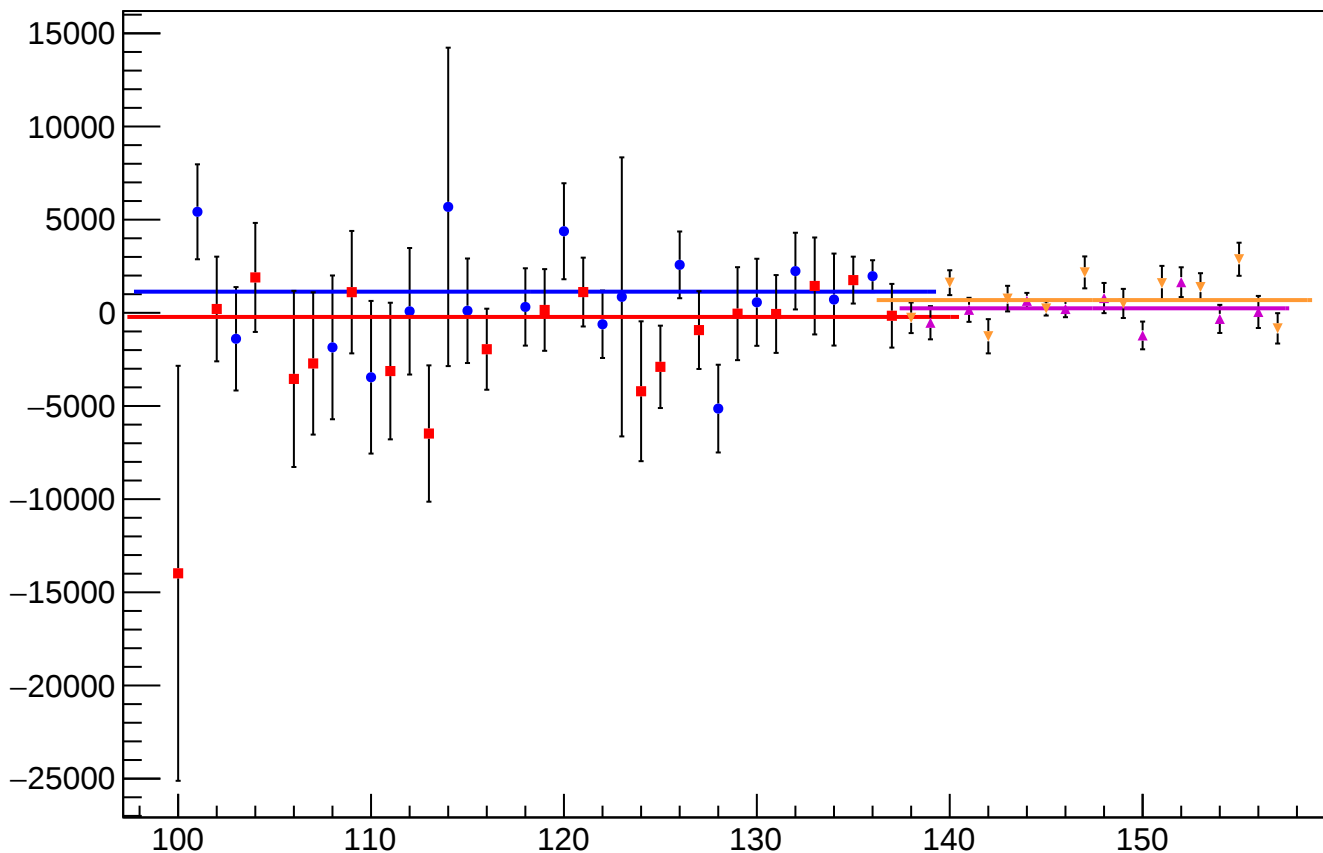
Right: 1293.283 +/- 0.265 χ^2/NDF : 3676549.5/35

In: 680.698 +/- 0.143 χ^2/NDF : 5458893.6/25

Out: 647.413 +/- 0.134 χ^2/NDF : 7297502.9/29

All: 662.962 +/- 0.098 χ^2/NDF : 12785179.7/55

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 683.428 $\pm$ 210.048 χ^2 /NDF:23.6/10

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 242.054 $\pm$ 211.616 χ^2 /NDF:9.7/8

Left: 464.382 $\pm$ 149.078 χ^2 /NDF: 35.5/19

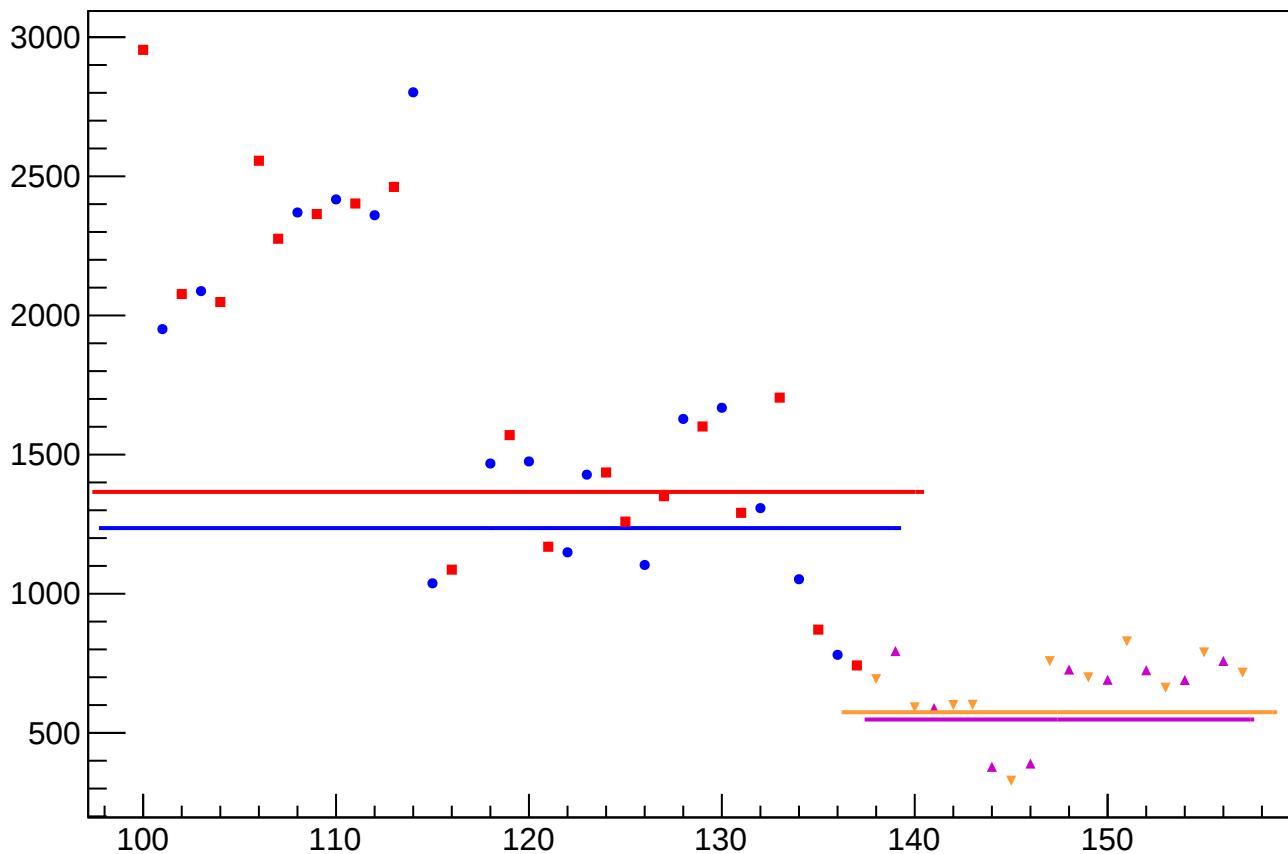
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 371.603 $\pm$ 195.668 χ^2 /NDF:30.0/25

Out: 567.417 $\pm$ 196.112 χ^2 /NDF:39.5/29

All: 469.288 $\pm$ 138.515 χ^2 /NDF: 70.0/55

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 574.276+/-0.149 χ^2/NDF : 1382110.7/10

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 548.110+/-0.150 χ^2/NDF : 1197261.1/8

Left: 561.290+/-0.105 χ^2/NDF : 2594774.4/19

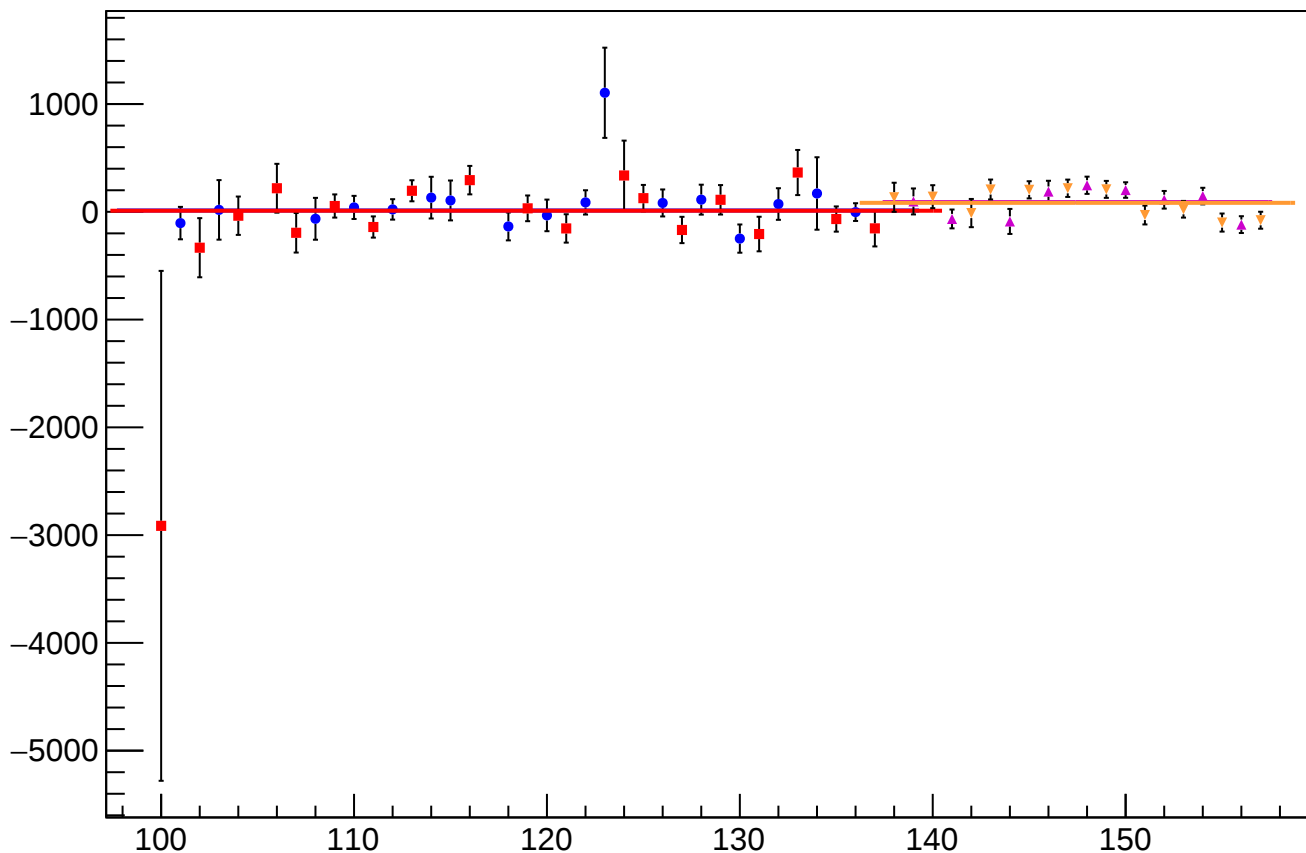
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 647.876+/-0.138 χ^2/NDF : 6007730.9/25

Out: 675.840+/-0.139 χ^2/NDF : 6776938.5/29

All: 661.826+/-0.098 χ^2/NDF : 12805046.7/55

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 ± 33.228 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 83.338 ± 26.789 $\chi^2/\text{NDF}: 21.6/10$

Right Out: 10.036 ± 32.603 $\chi^2/\text{NDF}: 28.3/18$

Left In: 90.657 ± 28.810 $\chi^2/\text{NDF}: 20.5/8$

Left: 86.732 ± 19.618 $\chi^2/\text{NDF}: 42.2/19$

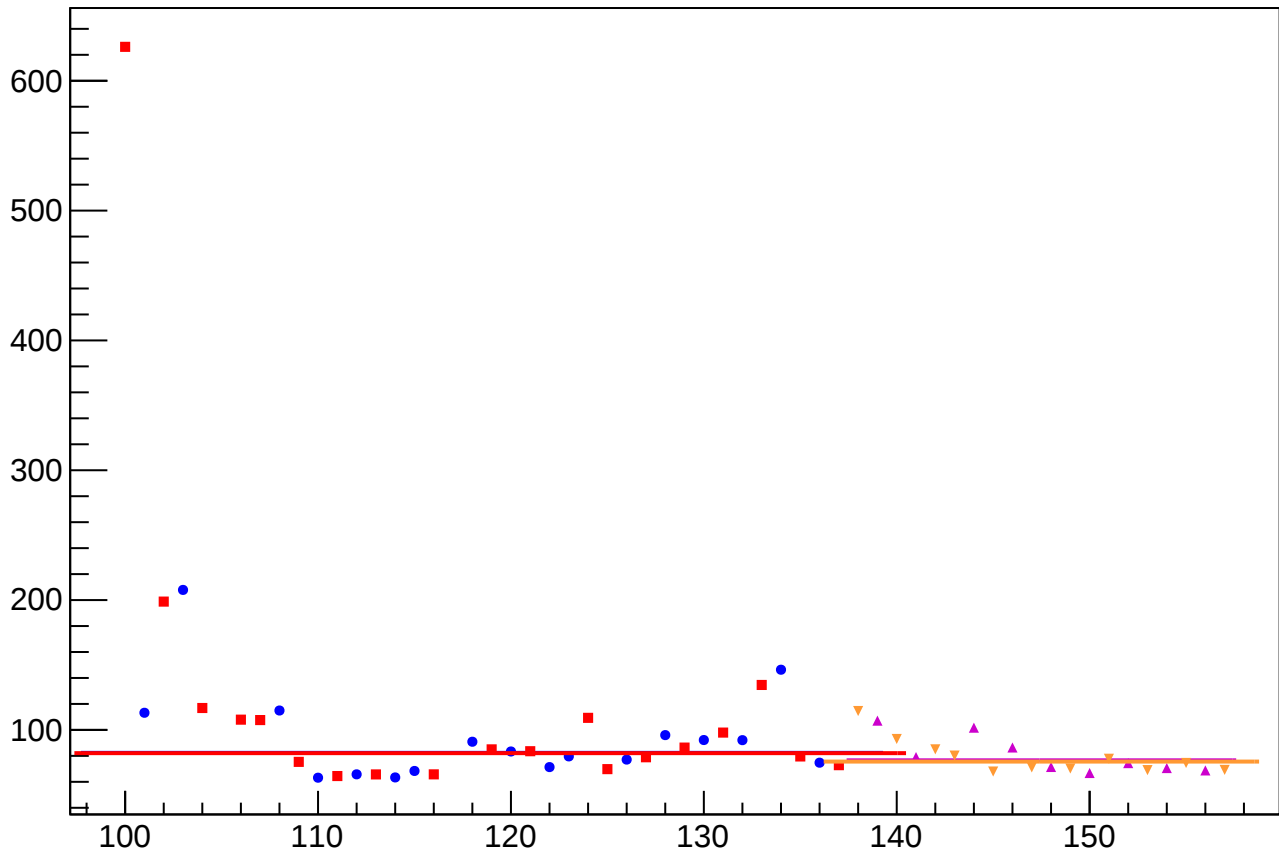
Right: 11.151 ± 23.271 $\chi^2/\text{NDF}: 43.6/35$

In: 57.034 ± 21.767 $\chi^2/\text{NDF}: 39.1/25$

Out: 53.795 ± 20.698 $\chi^2/\text{NDF}: 52.9/29$

All: 55.333 ± 14.999 $\chi^2/\text{NDF}: 92.0/55$

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: 75.601 $\pm$ 0.019 χ^2 /NDF: 298543.1/10

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 76.563 $\pm$ 0.020 χ^2 /NDF: 321833.9/8

Left: 76.047 $\pm$ 0.014 χ^2 /NDF: 621572.5/19

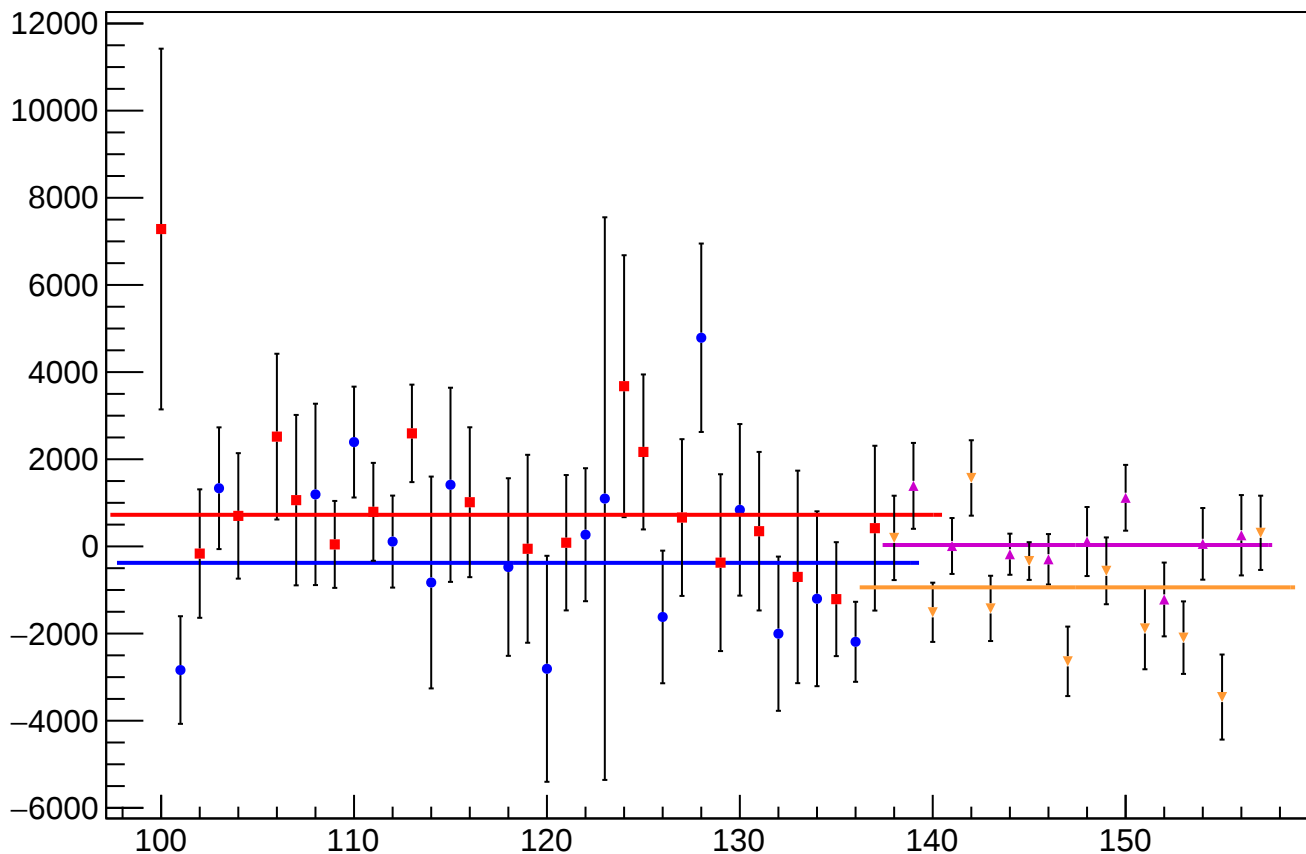
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 79.027 $\pm$ 0.015 χ^2 /NDF: 1224684.0/25

Out: 78.217 $\pm$ 0.015 χ^2 /NDF: 1304859.2/29

All: 78.602 $\pm$ 0.011 χ^2 /NDF: 2531000.6/55

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -939.393+/-223.744 χ^2/NDF : 29.4/10

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 32.162+/-233.511 χ^2/NDF : 6.7/8

Left: -474.358+/-161.554 χ^2/NDF : 45.1/19

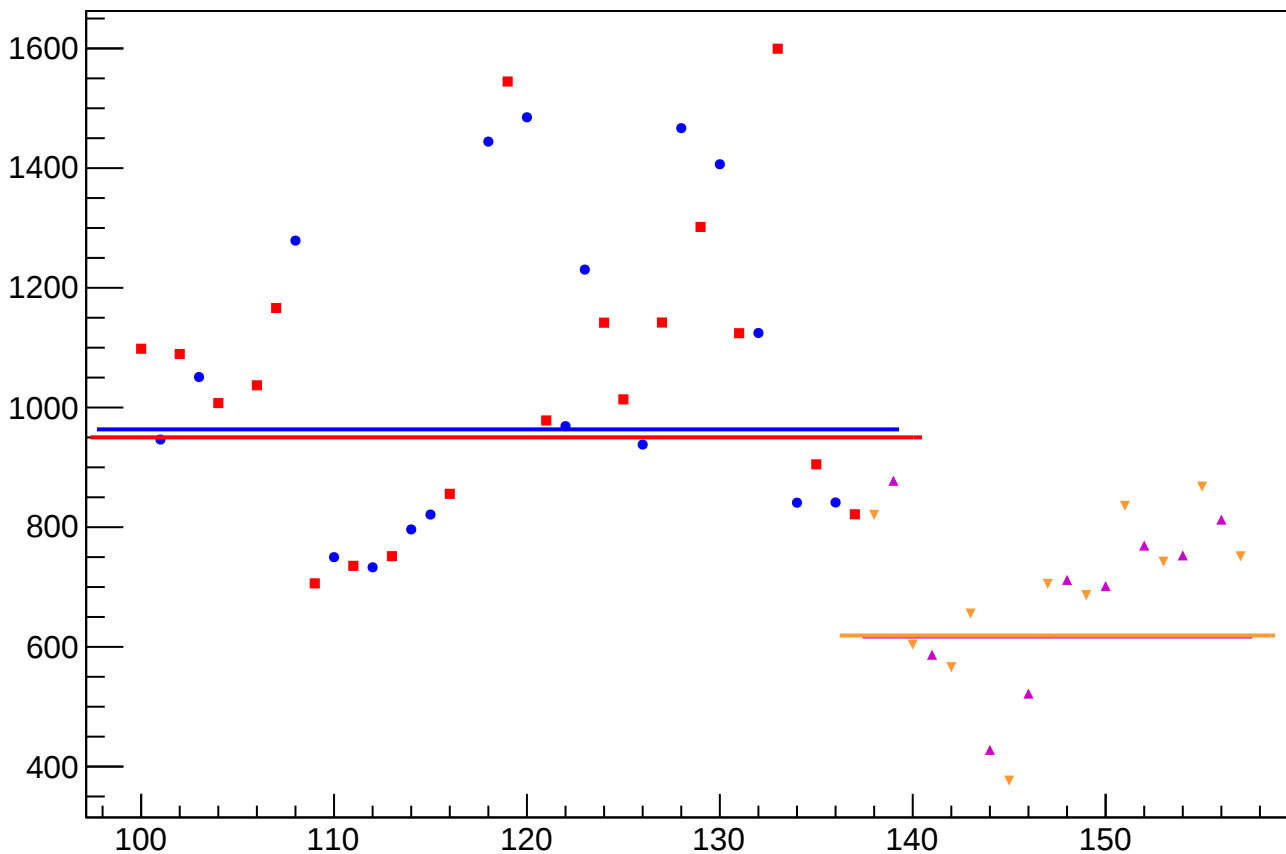
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -78.428+/-199.503 χ^2/NDF : 32.0/25

Out: -488.645+/-191.064 χ^2/NDF : 56.3/29

All: -292.395+/-137.990 χ^2/NDF : 90.5/55

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 619.011+/-0.158 χ^2/NDF : 1096004.8/10

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 617.295+/-0.165 χ^2/NDF : 782593.8/8

Left: 618.190+/-0.114 χ^2/NDF : 1878654.9/19

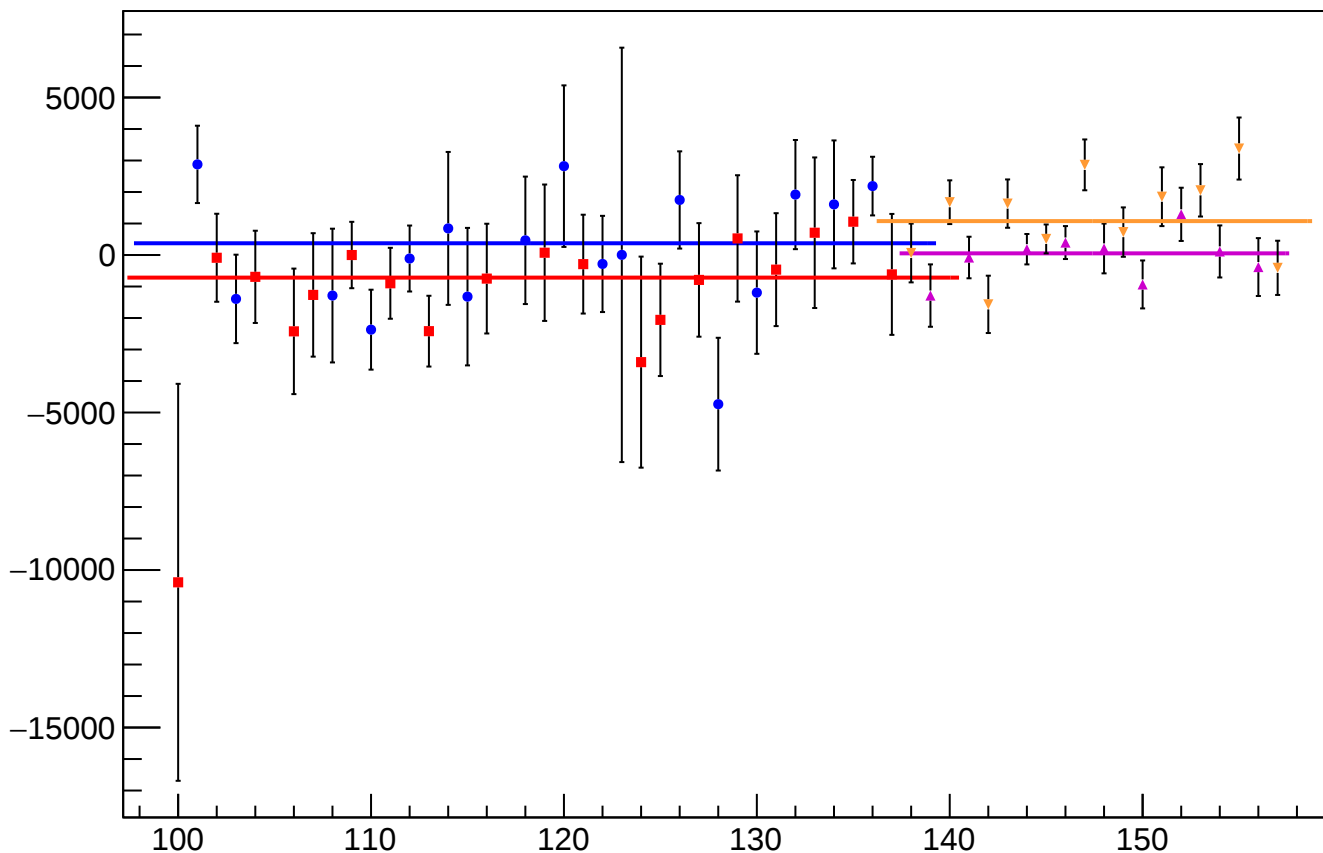
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 710.785+/-0.141 χ^2/NDF : 2658525.9/25

Out: 708.670+/-0.135 χ^2/NDF : 3014000.7/29

All: 709.682+/-0.098 χ^2/NDF : 5672643.8/55

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1076.256 $\pm$ 229.313 χ^2/NDF : 28.0/10

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: 52.685 $\pm$ 231.572 χ^2/NDF : 6.5/8

Left: 569.489 $\pm$ 162.942 χ^2/NDF : 44.3/19

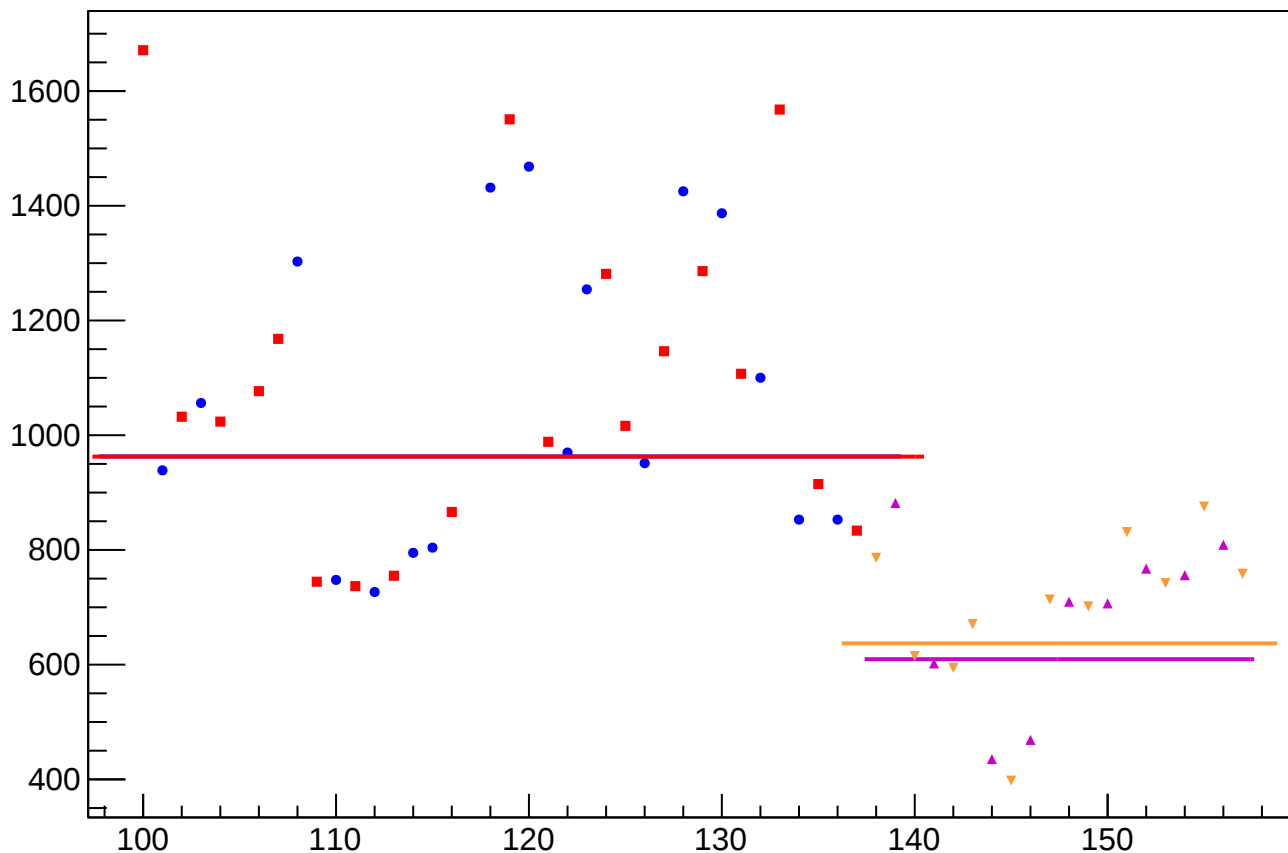
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 138.191 $\pm$ 198.257 χ^2/NDF : 32.3/25

Out: 581.915 $\pm$ 195.171 χ^2/NDF : 55.0/29

All: 363.534 $\pm$ 139.085 χ^2/NDF : 89.8/55

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16

Left Out: 637.139 $\pm$ 0.162 χ^2/NDF : 912108.3/10

Right Out: 962.693 $\pm$ 0.263 χ^2/NDF : 696385.7/18

Left In: 609.511 $\pm$ 0.164 χ^2/NDF : 848310.4/8

Left: 623.460 $\pm$ 0.115 χ^2/NDF : 1774792.2/19

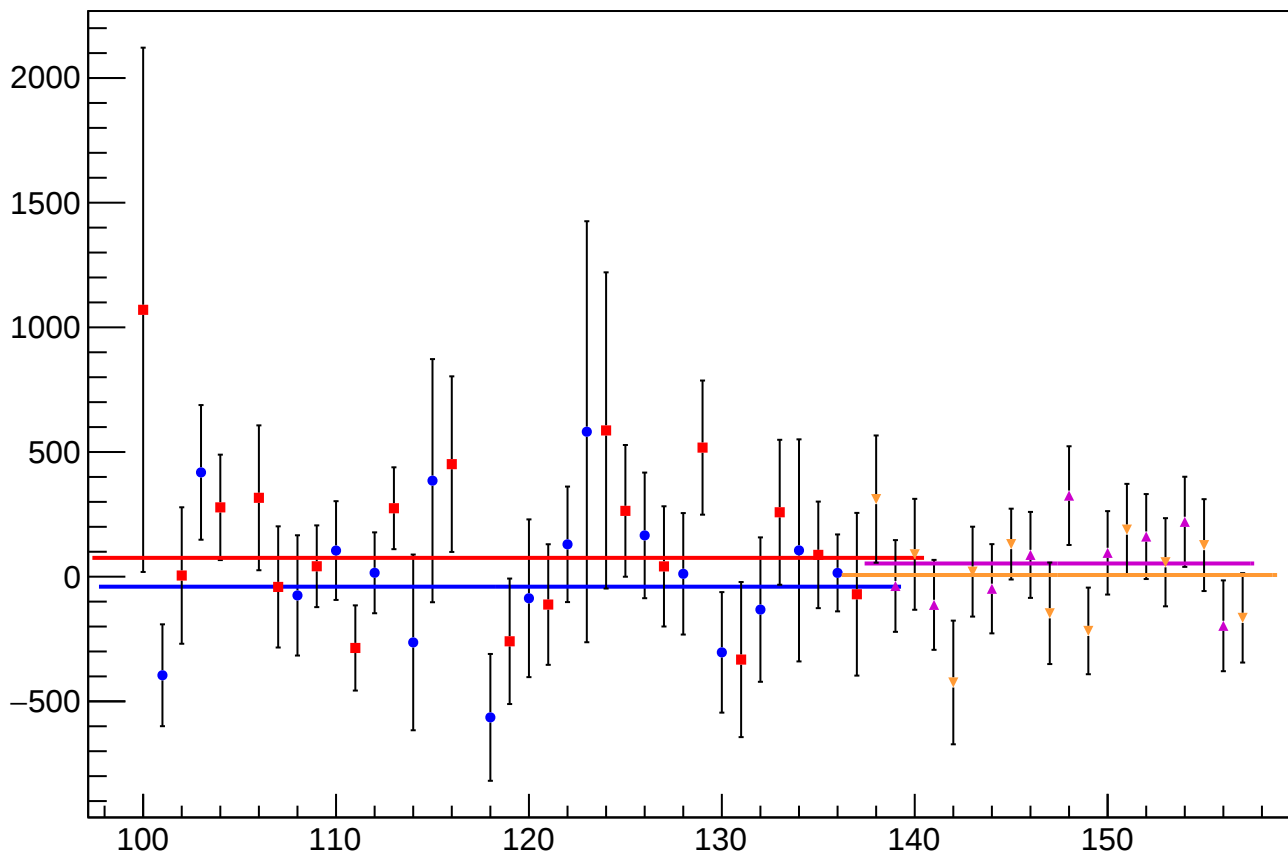
Right: 962.827 $\pm$ 0.189 χ^2/NDF : 1363908.2/35

In: 703.896 $\pm$ 0.140 χ^2/NDF : 2760057.7/25

Out: 726.863 $\pm$ 0.138 χ^2/NDF : 2719473.2/29

All: 715.559 $\pm$ 0.098 χ^2/NDF : 5493161.6/55

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 6.714 ± 56.643 χ^2/NDF : 10.0/10

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 52.920 ± 59.594 χ^2/NDF : 6.5/8

Left: 28.644 ± 41.056 χ^2/NDF : 16.9/19

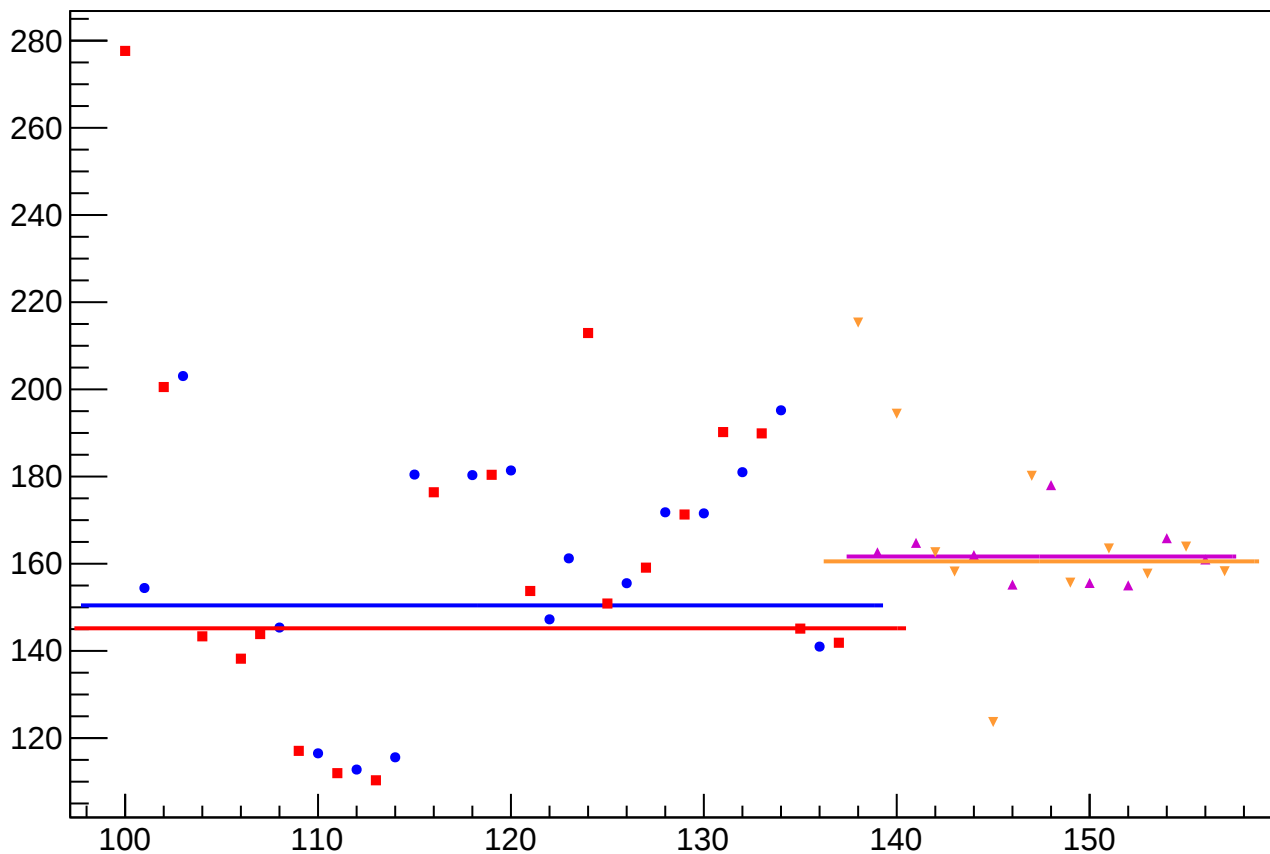
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 6.134 ± 42.020 χ^2/NDF : 23.1/25

Out: 41.337 ± 39.907 χ^2/NDF : 29.2/29

All: 24.643 ± 28.936 χ^2/NDF : 52.7/55

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: 160.540 $\pm$ 0.040 χ^2 /NDF: 295917.3/10

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.656 $\pm$ 0.042 χ^2 /NDF: 23901.0/8

Left: 161.070 $\pm$ 0.029 χ^2 /NDF: 320187.3/19

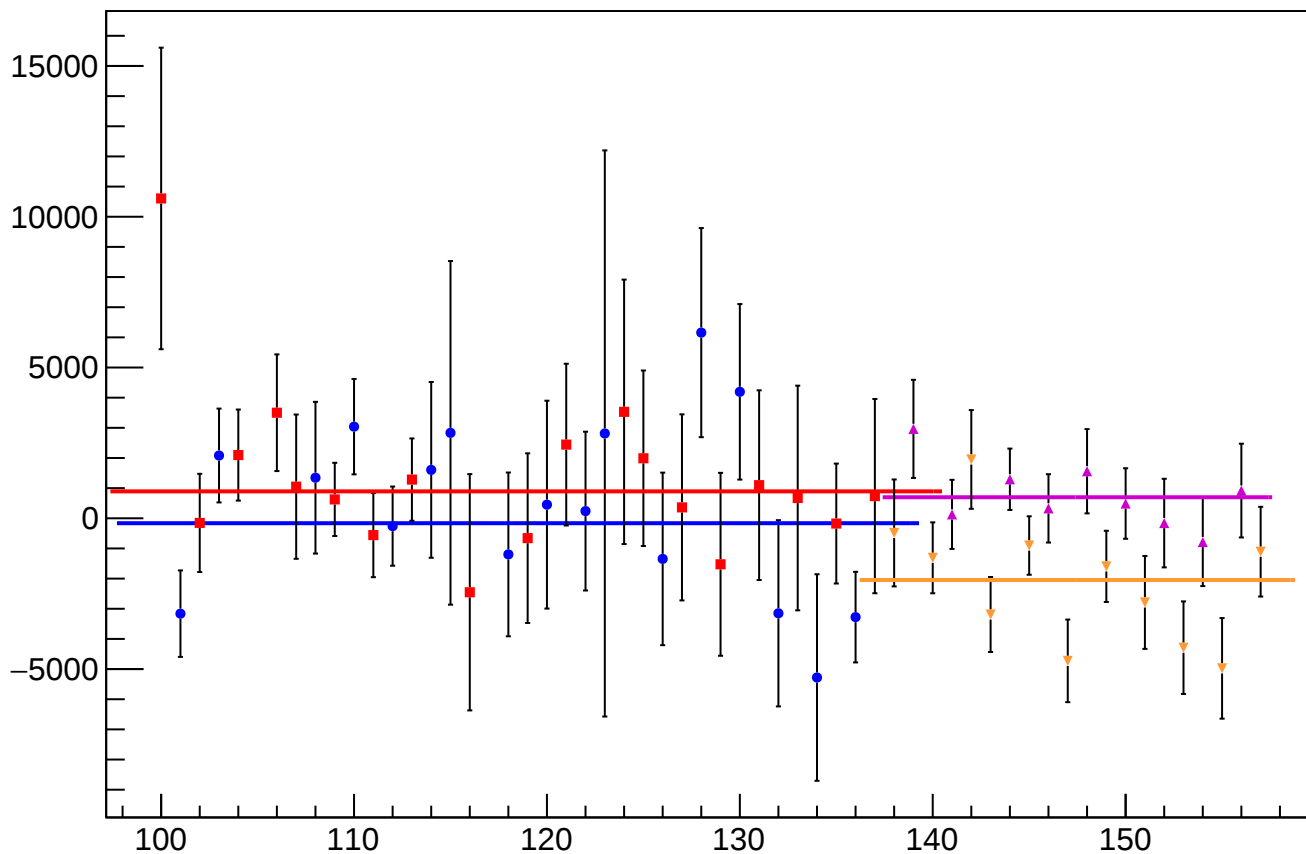
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 156.017 $\pm$ 0.030 χ^2 /NDF: 459637.2/25

Out: 152.808 $\pm$ 0.028 χ^2 /NDF: 905611.8/29

All: 154.330 $\pm$ 0.020 χ^2 /NDF: 1371383.8/55

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -2046.549 $\pm$ 407.117 χ^2 /NDF:19.2/10

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 697.834 $\pm$ 427.424 χ^2 /NDF:4.4/8

Left: -741.097 $\pm$ 294.793 χ^2 /NDF: 45.3/19

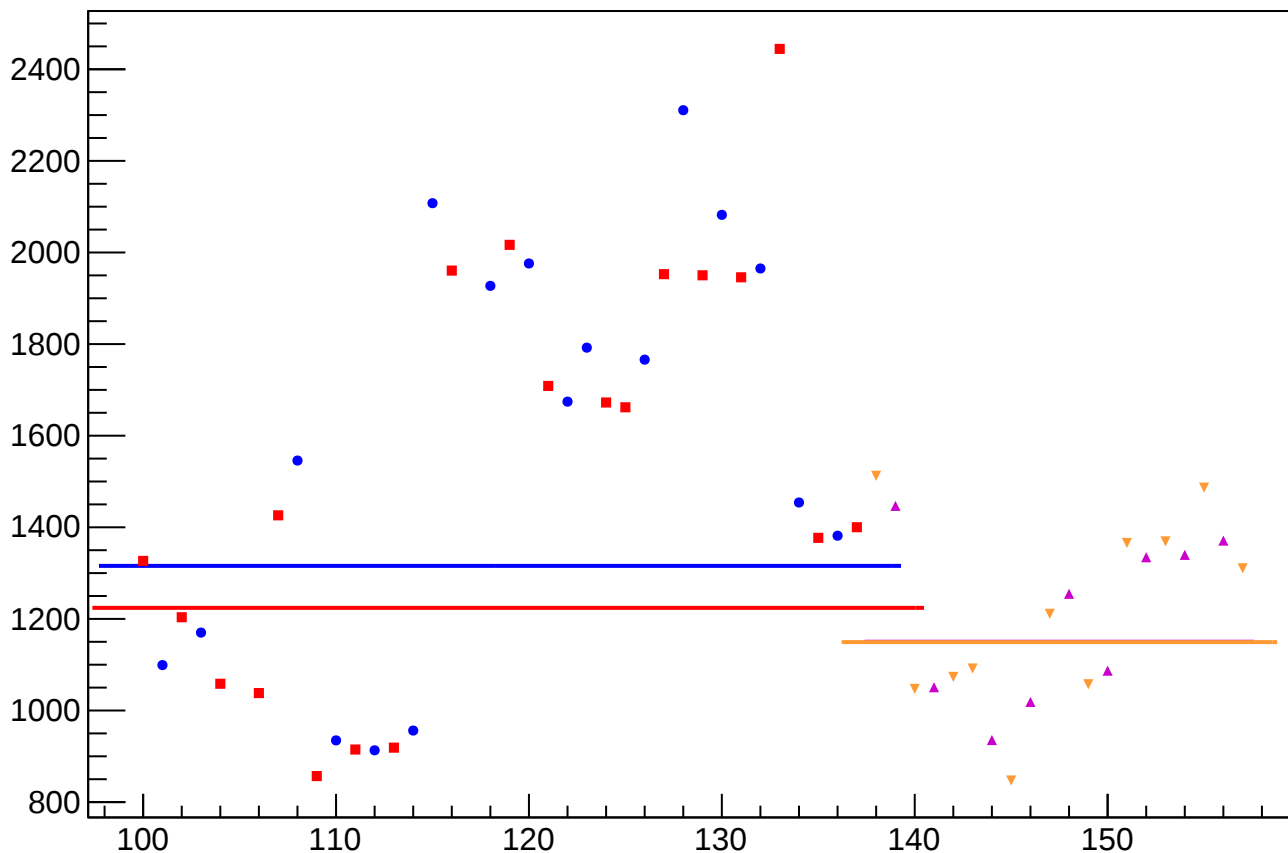
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 361.118 $\pm$ 333.490 χ^2 /NDF:31.1/25

Out: -829.409 $\pm$ 311.641 χ^2 /NDF:51.5/29

All: -274.419 $\pm$ 227.696 χ^2 /NDF: 89.4/55

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: 1149.319 $\pm$ 0.288 χ^2 /NDF: 503814.5/10

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1150.128 $\pm$ 0.302 χ^2 /NDF: 319989.9/8

Left: 1149.704 $\pm$ 0.208 χ^2 /NDF: 823808.1/19

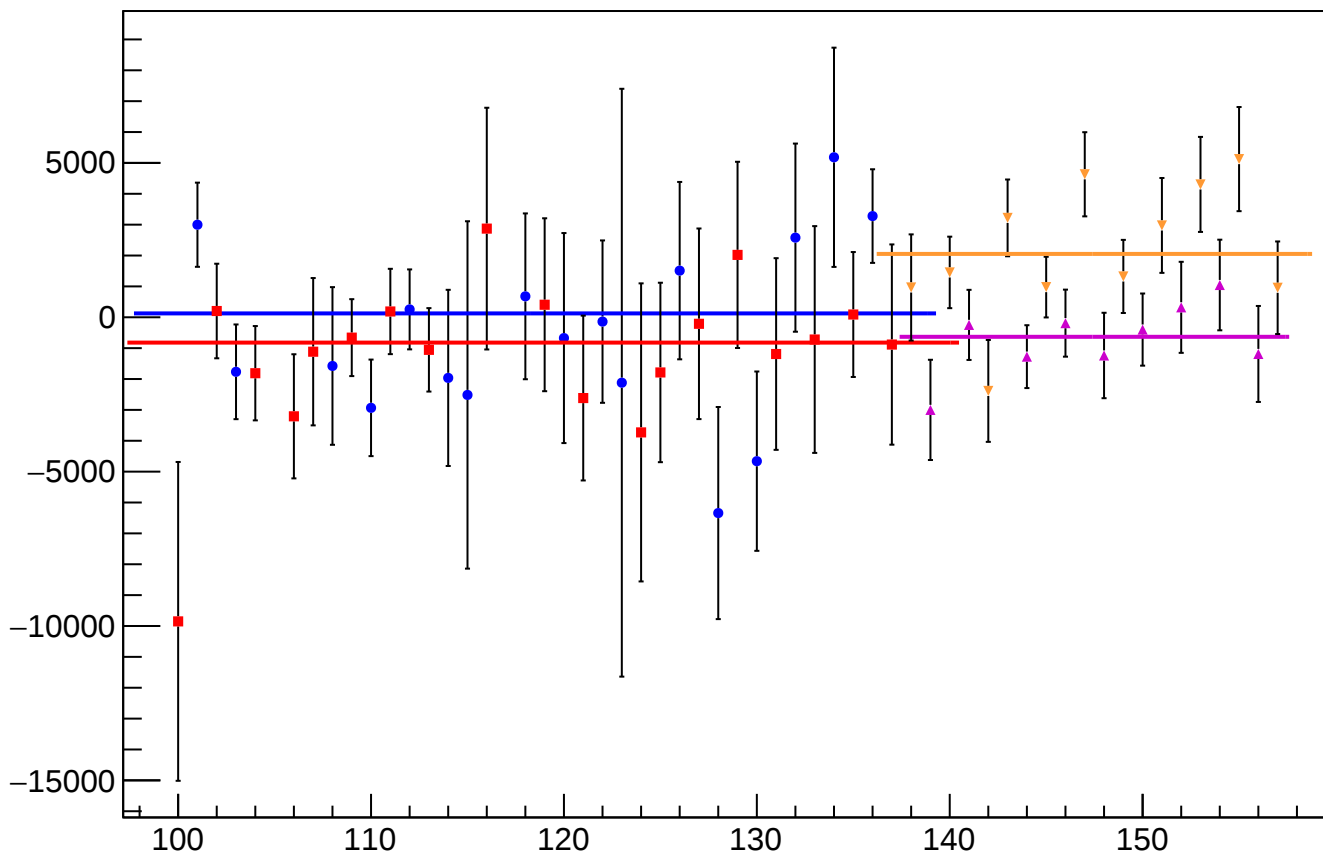
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1214.939 $\pm$ 0.236 χ^2 /NDF: 1555872.7/25

Out: 1180.301 $\pm$ 0.220 χ^2 /NDF: 1895693.2/29

All: 1196.448 $\pm$ 0.161 χ^2 /NDF: 3463083.7/55

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2052.255 $\pm$ 407.337 χ^2 /NDF:20.3/10

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -632.611 $\pm$ 424.040 χ^2 /NDF:4.9/8

Left: 763.742 $\pm$ 293.758 χ^2 /NDF: 46.0/19

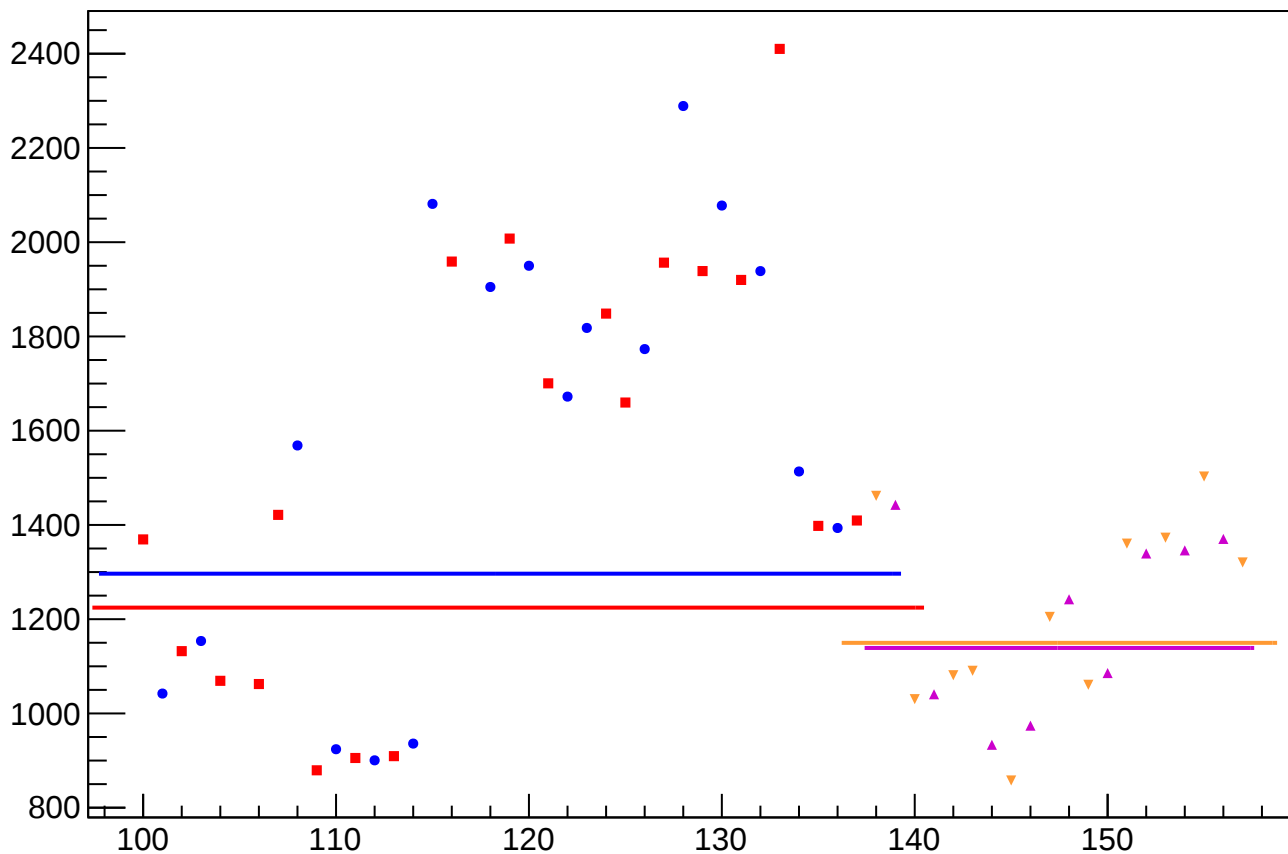
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -334.590 $\pm$ 330.323 χ^2 /NDF:30.8/25

Out: 863.161 $\pm$ 311.829 χ^2 /NDF:50.0/29

All: 298.753 $\pm$ 226.753 χ^2 /NDF: 87.7/55

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1149.812 $\pm$ 0.288 χ^2 /NDF: 479409.9/10

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1138.957 $\pm$ 0.300 χ^2 /NDF: 348978.8/8

Left: 1144.602 $\pm$ 0.208 χ^2 /NDF: 829070.2/19

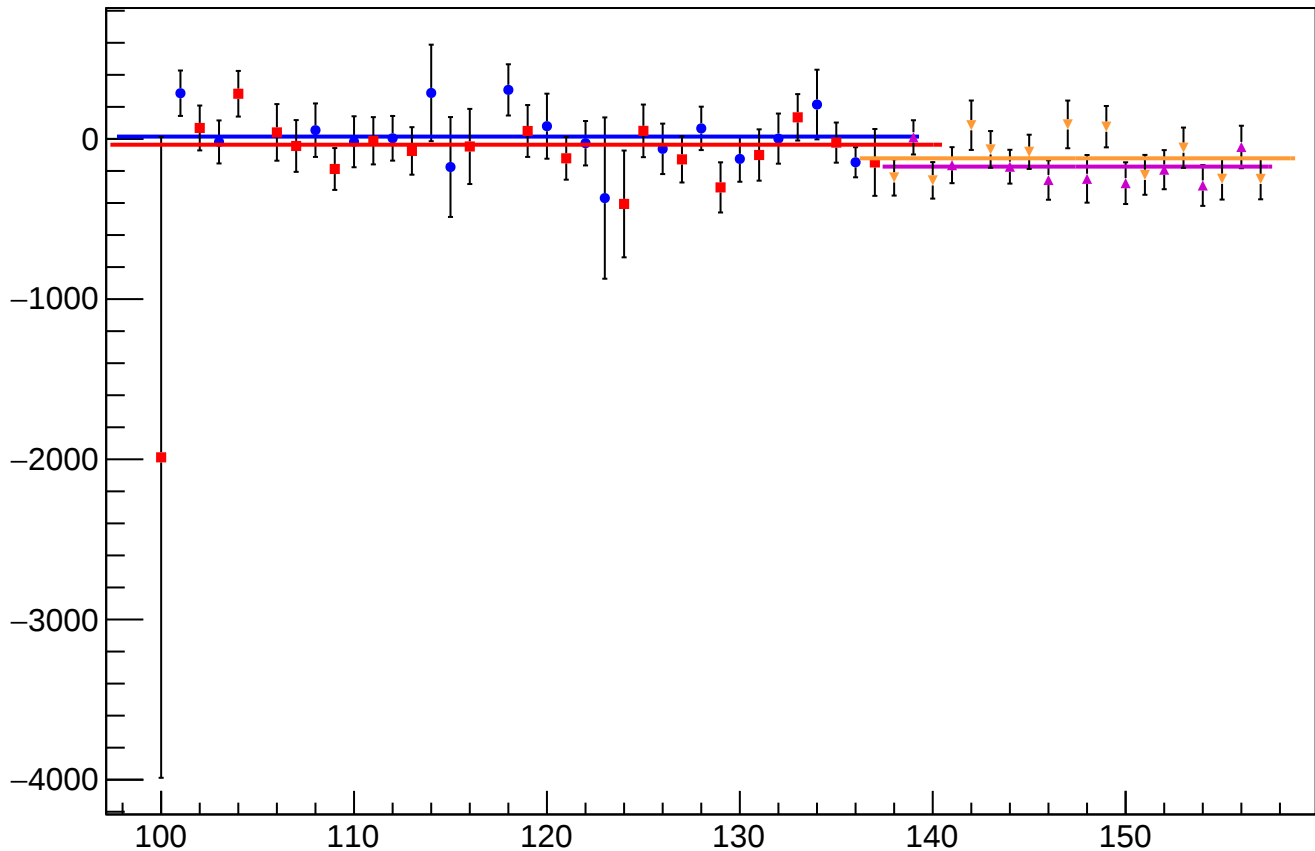
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1200.928 $\pm$ 0.234 χ^2 /NDF: 1633087.2/25

Out: 1180.755 $\pm$ 0.220 χ^2 /NDF: 1855564.4/29

All: 1190.261 $\pm$ 0.160 χ^2 /NDF: 3492595.9/55

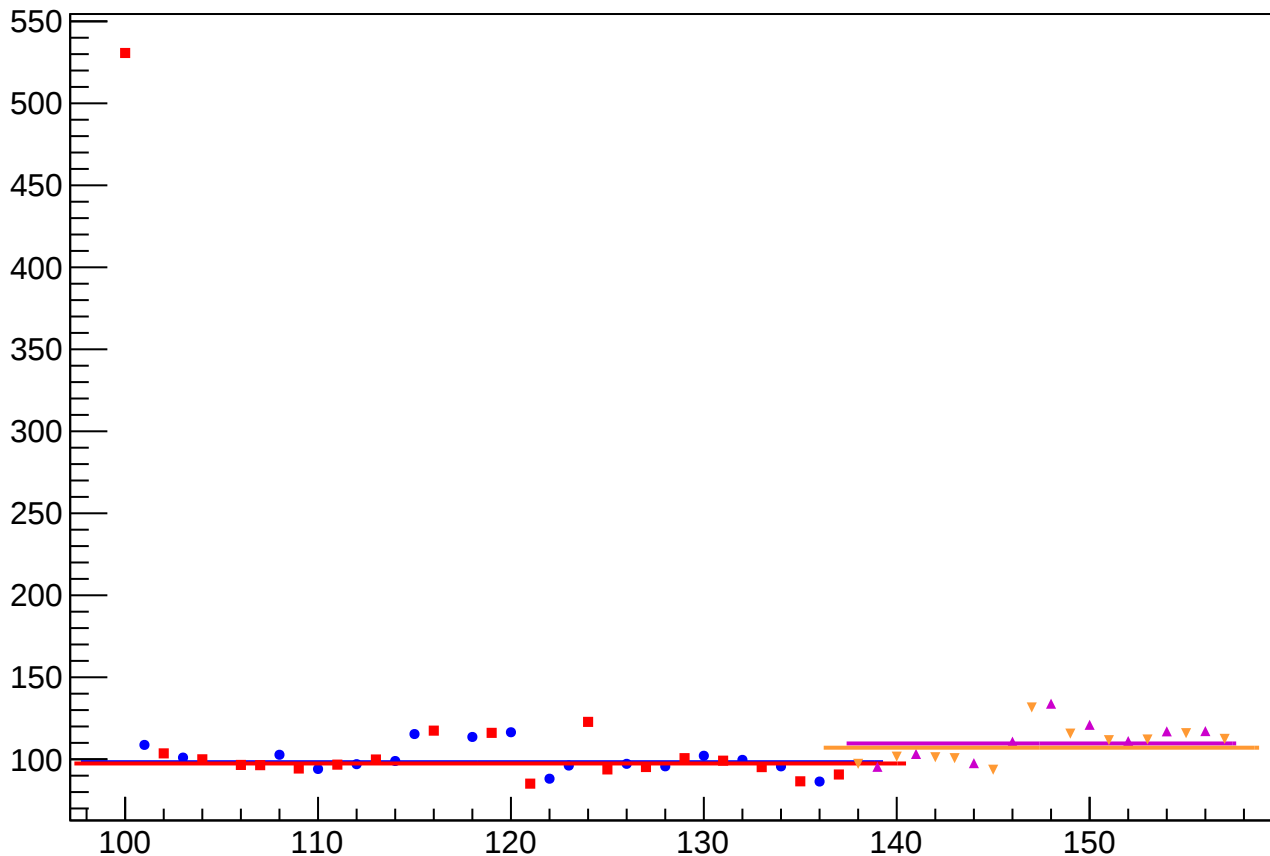
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 $\pm$ 38.017 χ^2 /NDF: 14.2/16
 Left Out: -121.034 $\pm$ 37.402 χ^2 /NDF:12.1/10
 Right Out: -36.133 $\pm$ 36.722 χ^2 /NDF: 15.5/18
 Left In: -172.833 $\pm$ 40.418 χ^2 /NDF:6.0/8

Left: -144.929 $\pm$ 27.452 χ^2 /NDF: 19.0/19
 Right: -11.656 $\pm$ 26.412 χ^2 /NDF: 30.6/35
 In: -73.396 $\pm$ 27.692 χ^2 /NDF:31.6/25
 Out: -77.804 $\pm$ 26.203 χ^2 /NDF:30.1/29
 All: -75.722 $\pm$ 19.033 χ^2 /NDF: 61.8/55

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.058+/-0.026 χ^2/NDF : 142366.3/10

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 109.636+/-0.029 χ^2/NDF : 149943.7/8

Left: 108.247+/-0.019 χ^2/NDF : 296694.2/19

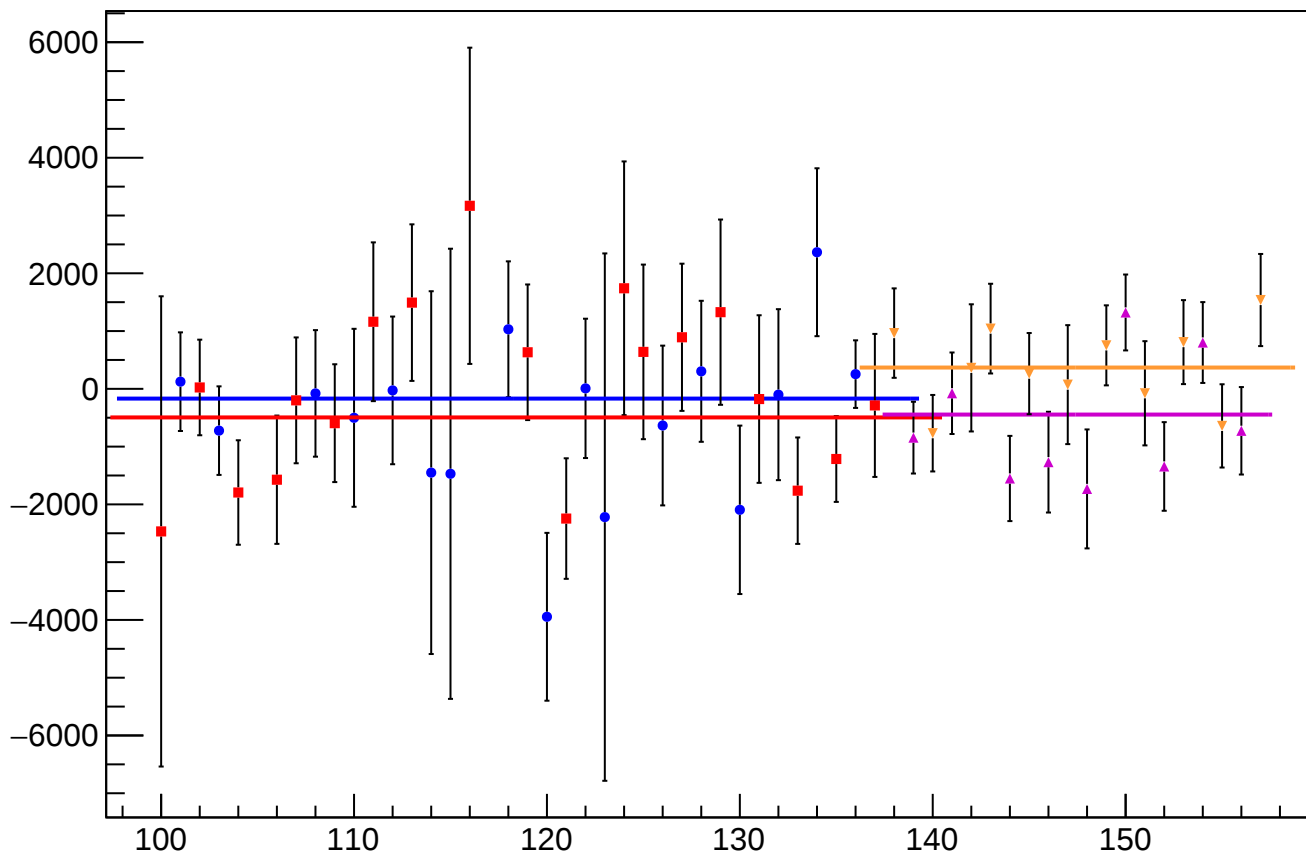
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 103.578+/-0.020 χ^2/NDF : 335130.7/25

Out: 102.159+/-0.019 χ^2/NDF : 399823.8/29

All: 102.829+/-0.013 χ^2/NDF : 737727.3/55

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 368.679 ± 235.010 $\chi^2/\text{NDF}: 9.4/10$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -445.363 ± 246.154 $\chi^2/\text{NDF}: 17.3/8$

Left: -19.498 ± 169.980 $\chi^2/\text{NDF}: 32.5/19$

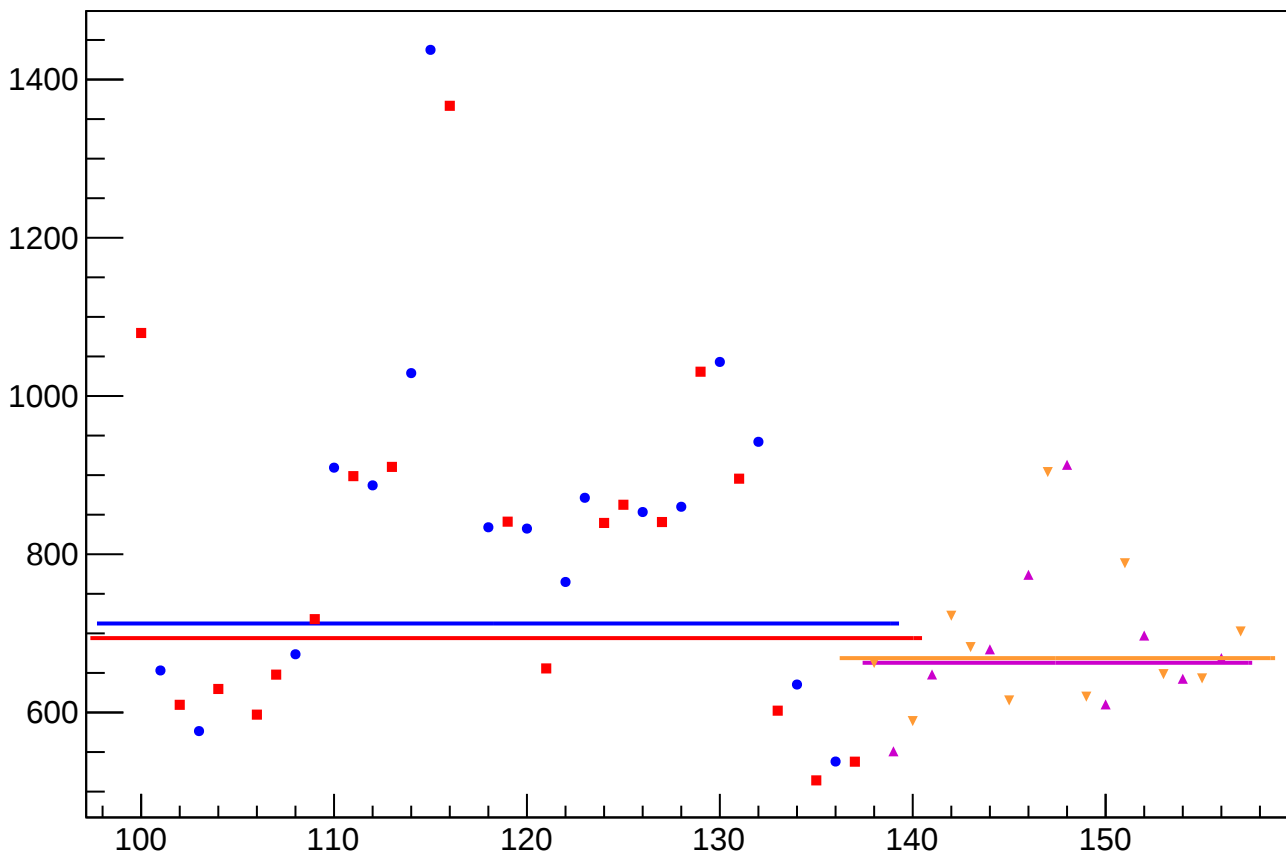
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -325.852 ± 185.495 $\chi^2/\text{NDF}: 32.4/25$

Out: -7.604 ± 176.533 $\chi^2/\text{NDF}: 35.2/29$

All: -158.855 ± 127.878 $\chi^2/\text{NDF}: 69.1/55$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 668.720+/-0.166 χ^2/NDF : 203171.2/10

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 662.819+/-0.174 χ^2/NDF : 236121.2/8

Left: 665.906+/-0.120 χ^2/NDF : 439893.7/19

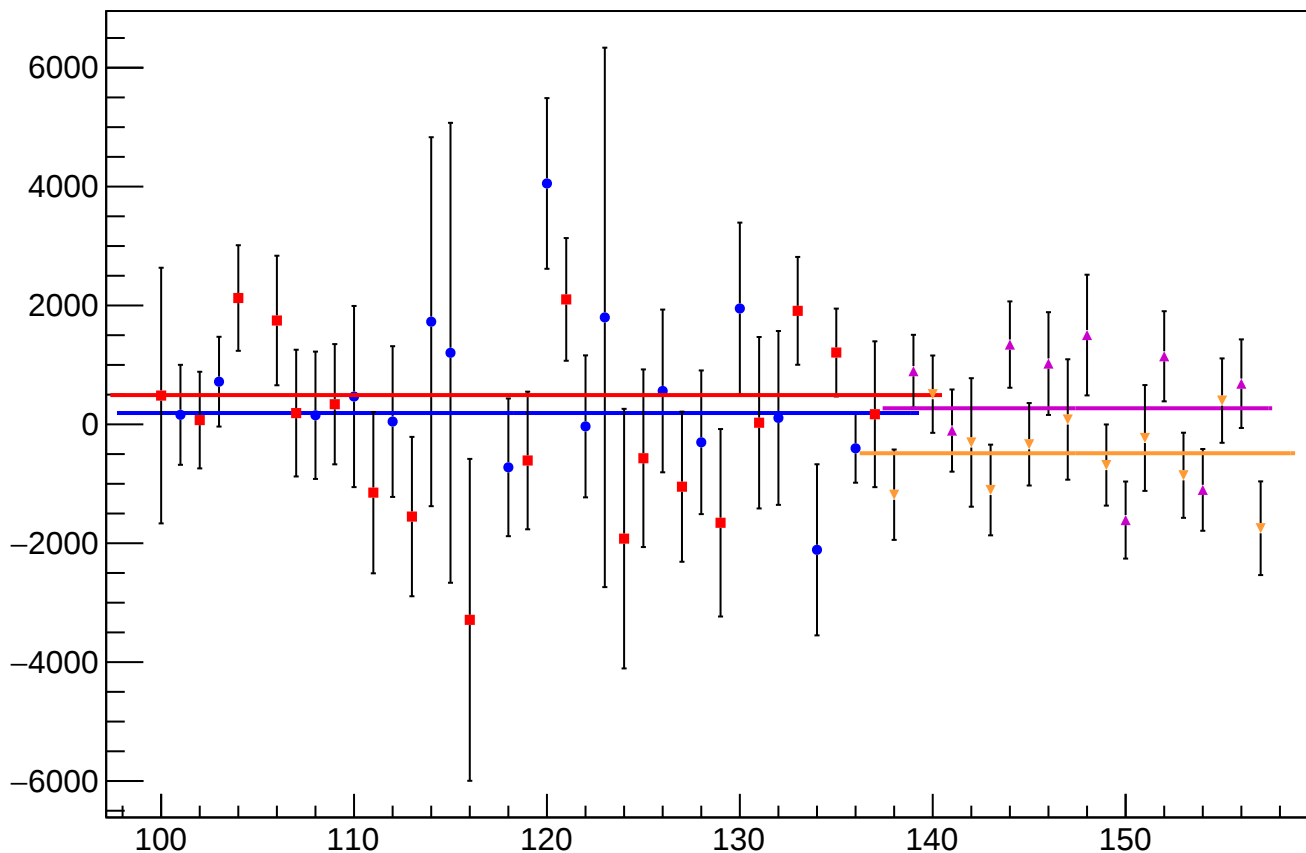
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 684.277+/-0.131 χ^2/NDF : 931813.5/25

Out: 679.742+/-0.125 χ^2/NDF : 888256.5/29

All: 681.897+/-0.090 χ^2/NDF : 1820697.4/55

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -485.680 $\pm$ 231.408 χ^2 /NDF:8.8/10

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 270.868 $\pm$ 242.513 χ^2 /NDF:19.8/8

Left: -125.124 $\pm$ 167.418 χ^2 /NDF: 33.7/19

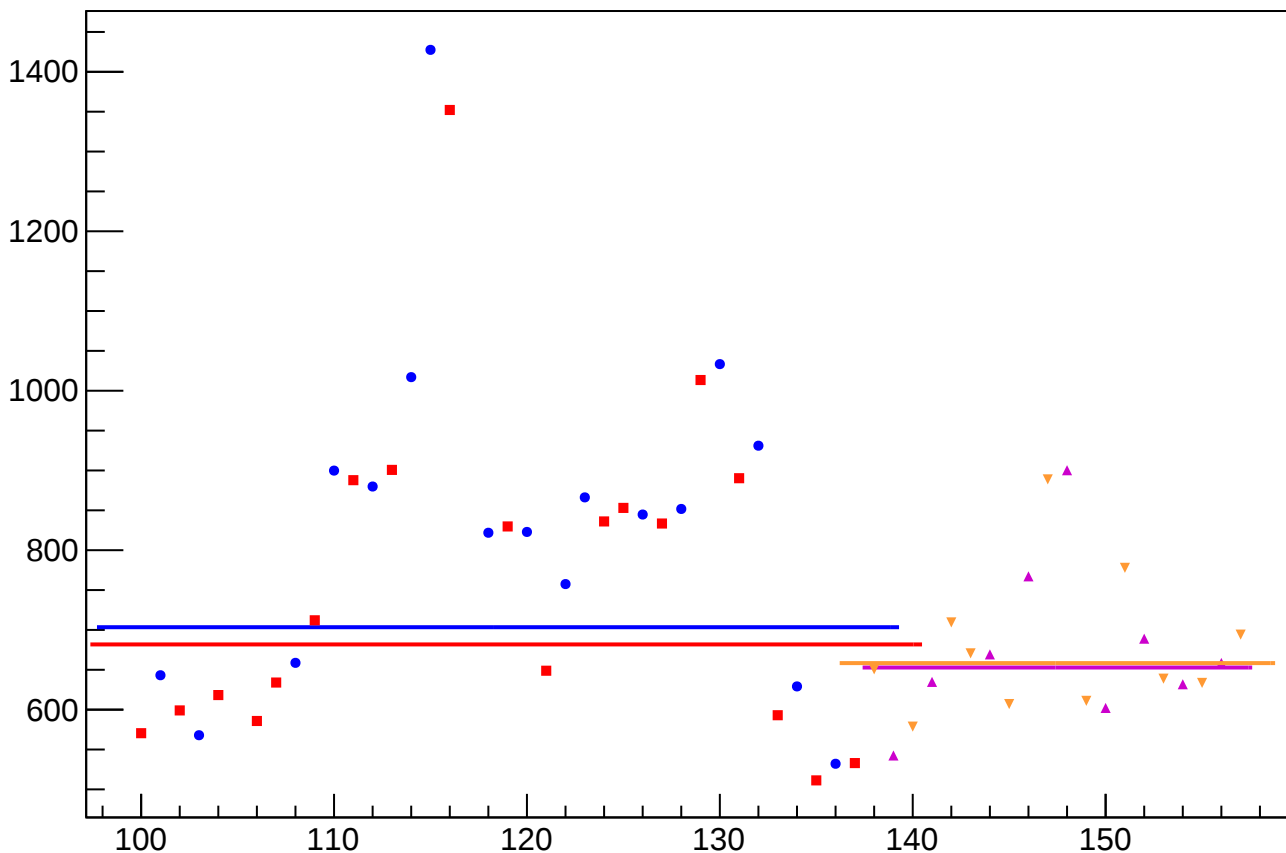
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 236.396 $\pm$ 182.939 χ^2 /NDF:34.0/25

Out: -58.127 $\pm$ 173.630 χ^2 /NDF:39.4/29

All: 81.450 $\pm$ 125.937 χ^2 /NDF: 74.8/55

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 658.386 $\pm$ 0.164 χ^2/NDF :203354.9/10

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 652.851 $\pm$ 0.171 χ^2/NDF :240019.0/8

Left: 655.748 $\pm$ 0.118 χ^2/NDF : 443919.3/19

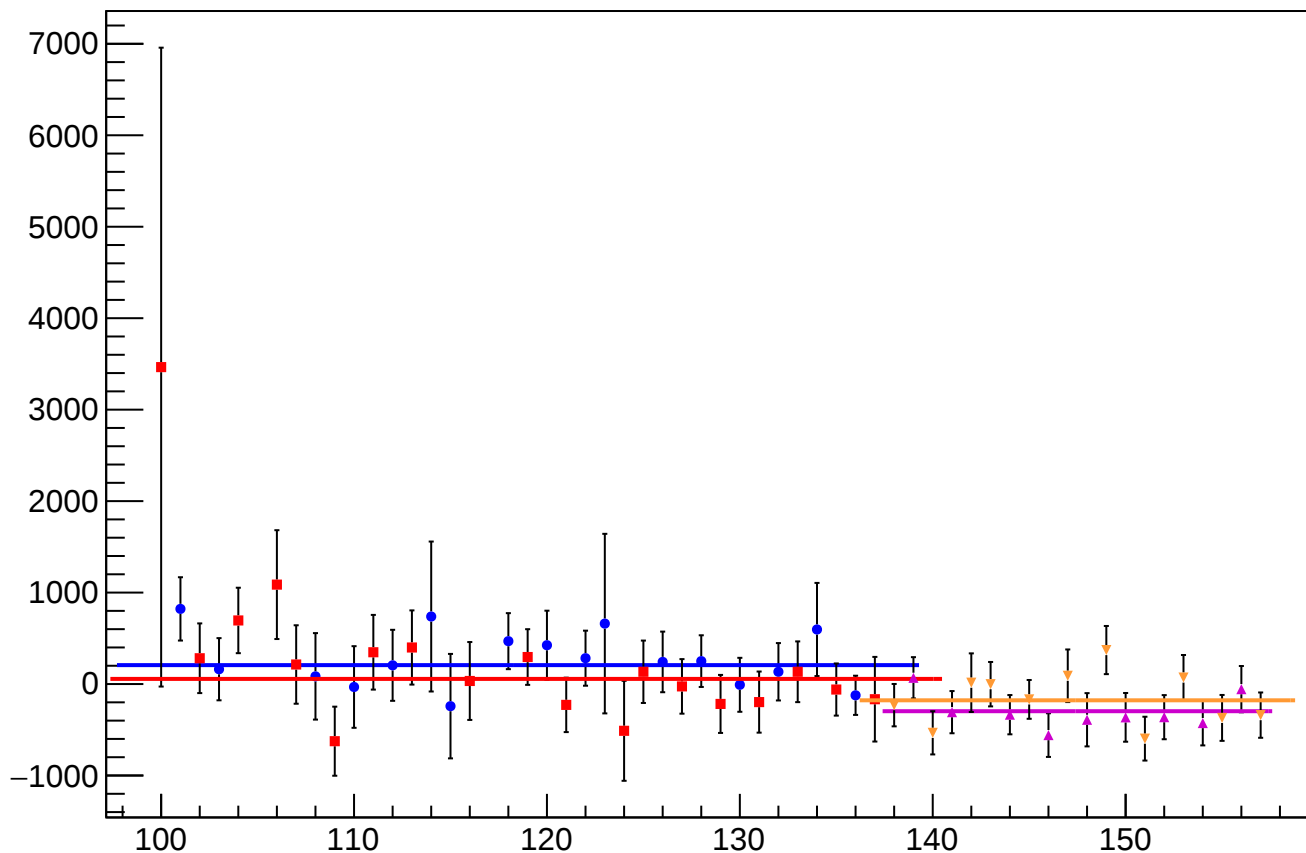
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 674.638 $\pm$ 0.129 χ^2/NDF :944361.5/25

Out: 668.622 $\pm$ 0.123 χ^2/NDF :877105.7/29

All: 671.473 $\pm$ 0.089 χ^2/NDF : 1822605.2/55

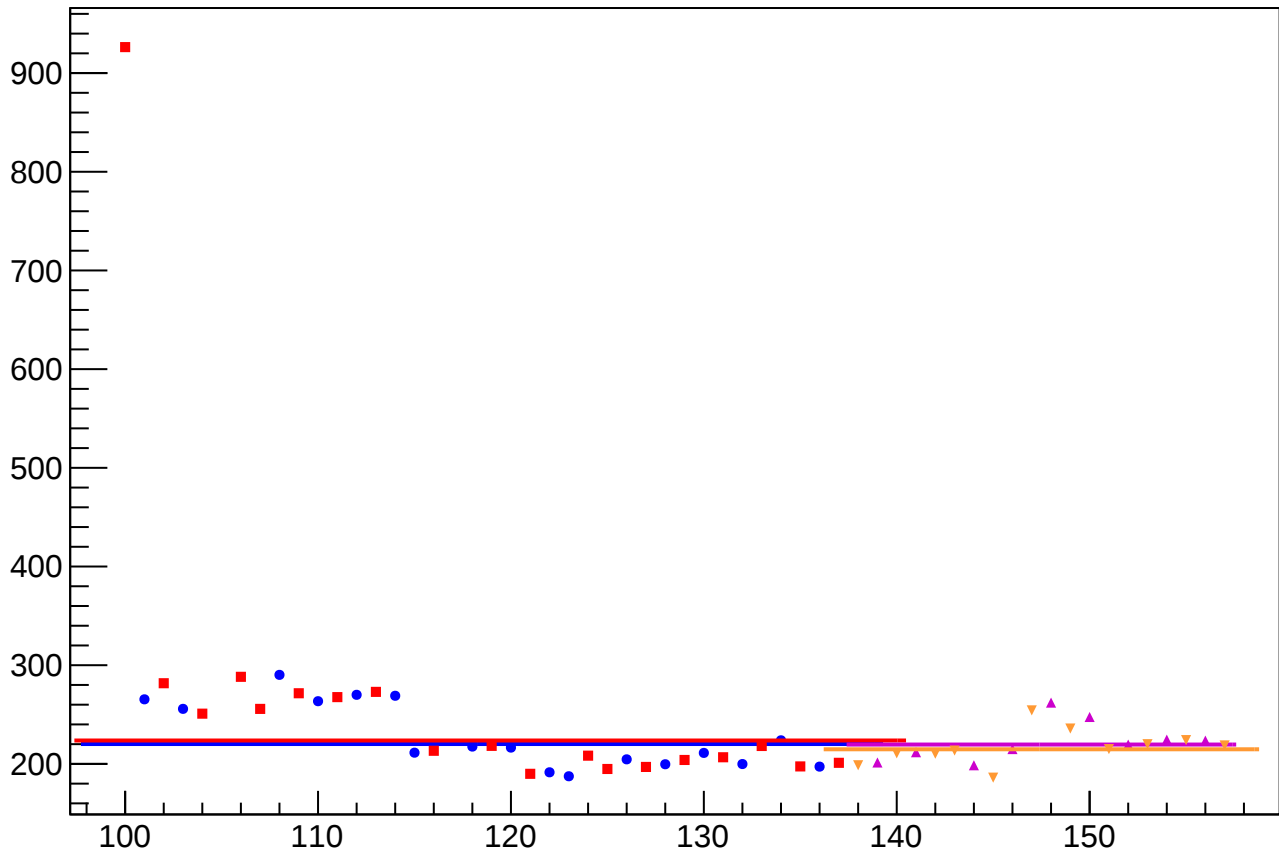
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -177.872 ± 74.942 $\chi^2/\text{NDF}: 13.5/10$
 Right Out: 56.213 ± 85.167 $\chi^2/\text{NDF}: 16.6/18$
 Left In: -296.969 ± 80.808 $\chi^2/\text{NDF}: 5.3/8$

Left: -232.941 ± 54.949 $\chi^2/\text{NDF}: 20.0/19$
 Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$
 In: -59.637 ± 58.771 $\chi^2/\text{NDF}: 33.1/25$
 Out: -75.718 ± 56.262 $\chi^2/\text{NDF}: 34.4/29$
 All: -68.028 ± 40.641 $\chi^2/\text{NDF}: 67.5/55$

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: 214.807 $\pm$ 0.053 χ^2 /NDF: 102016.7/10

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 219.609 $\pm$ 0.057 χ^2 /NDF: 101091.7/8

Left: 217.027 $\pm$ 0.039 χ^2 /NDF: 206905.8/19

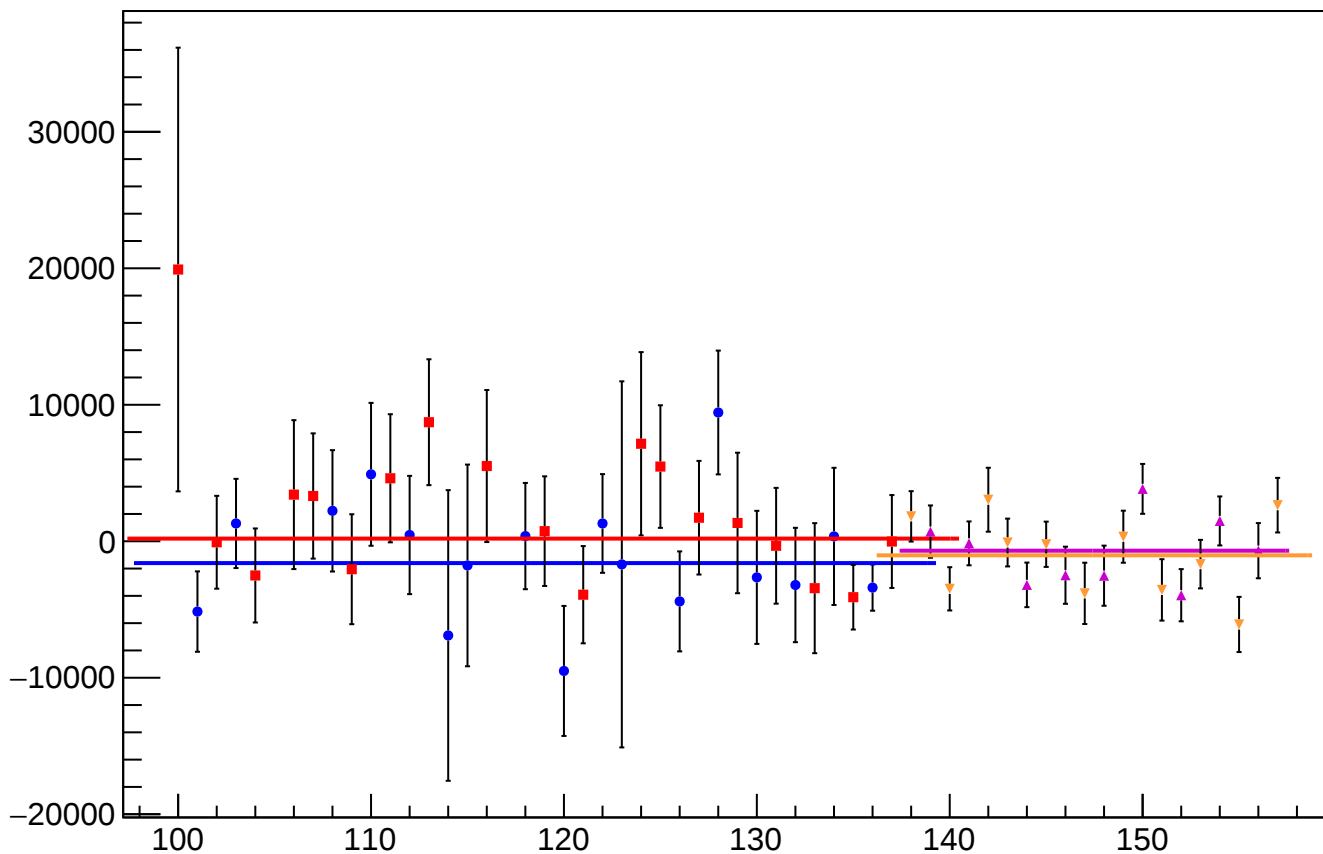
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.856 $\pm$ 0.042 χ^2 /NDF: 329575.3/25

Out: 218.690 $\pm$ 0.040 χ^2 /NDF: 467565.7/29

All: 219.247 $\pm$ 0.029 χ^2 /NDF: 797551.5/55

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: -1030.805 $\pm$ 573.033 χ^2 /NDF:21.4/10

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -690.733 $\pm$ 620.574 χ^2 /NDF:15.0/8

Left: -874.292 $\pm$ 421.000 χ^2 /NDF: 36.6/19

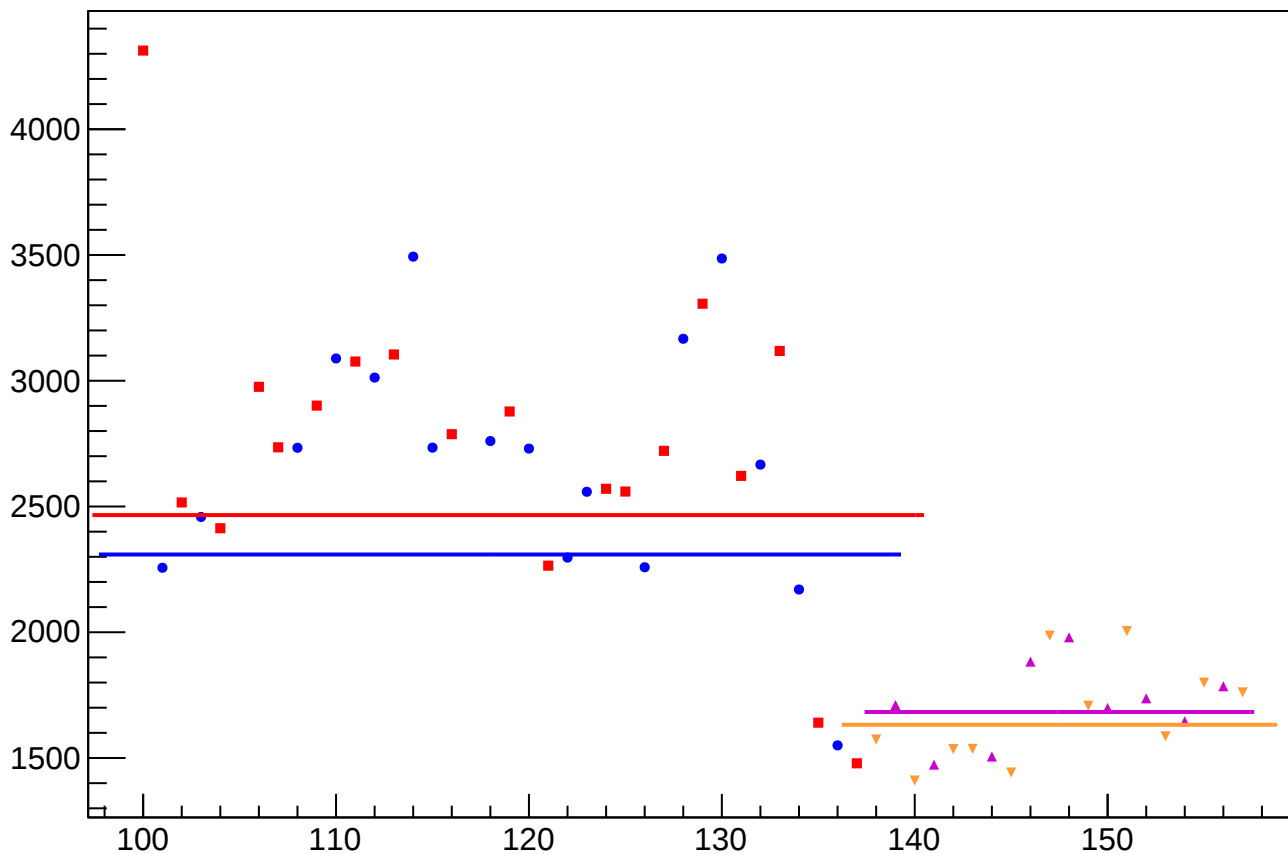
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -974.333 $\pm$ 514.654 χ^2 /NDF:32.3/25

Out: -702.521 $\pm$ 490.331 χ^2 /NDF:39.0/29

All: -831.853 $\pm$ 355.004 χ^2 /NDF: 71.4/55

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: 1632.132 $\pm$ 0.405 χ^2 /NDF: 207837.4/10

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1683.031 $\pm$ 0.439 χ^2 /NDF: 120217.1/8

Left: 1655.558 $\pm$ 0.298 χ^2 /NDF: 335316.6/19

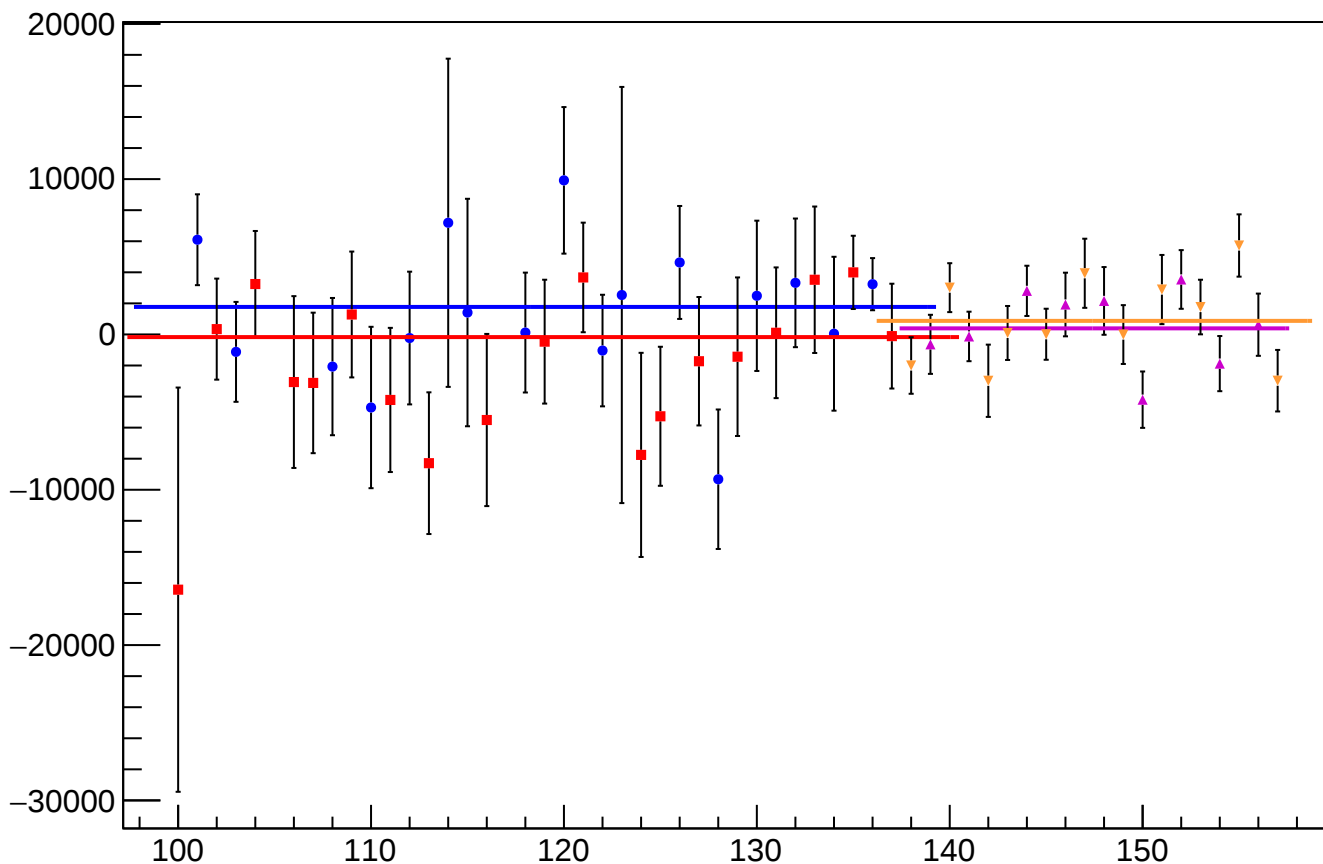
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1878.517 $\pm$ 0.364 χ^2 /NDF: 1556574.0/25

Out: 1855.430 $\pm$ 0.347 χ^2 /NDF: 2035886.2/29

All: 1866.415 $\pm$ 0.251 χ^2 /NDF: 3594570.1/55

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 873.231+/-567.917 χ^2/NDF : 20.4/10

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 390.671+/-614.125 χ^2/NDF : 14.7/8

Left: 650.786+/-416.958 χ^2/NDF : 35.4/19

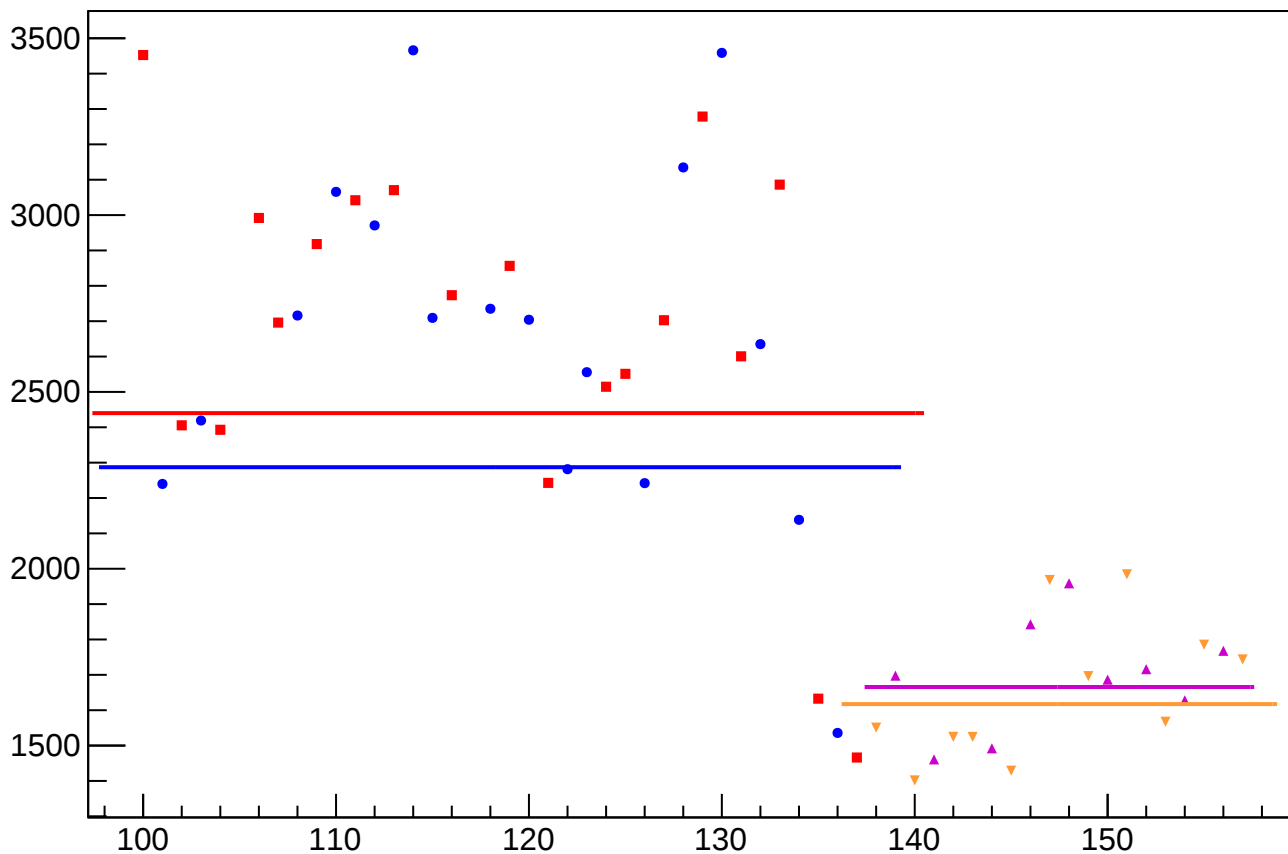
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 821.178+/-509.455 χ^2/NDF : 33.6/25

Out: 592.891+/-485.730 χ^2/NDF : 37.3/29

All: 701.595+/-351.551 χ^2/NDF : 71.0/55

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1617.313 $\pm$ 0.402 χ^2 /NDF: 206615.7/10

Right Out: 2440.067 $\pm$ 0.663 χ^2 /NDF: 679108.5/18

Left In: 1665.618 $\pm$ 0.434 χ^2 /NDF: 115526.7/8

Left: 1639.580 $\pm$ 0.295 χ^2 /NDF: 328812.2/19

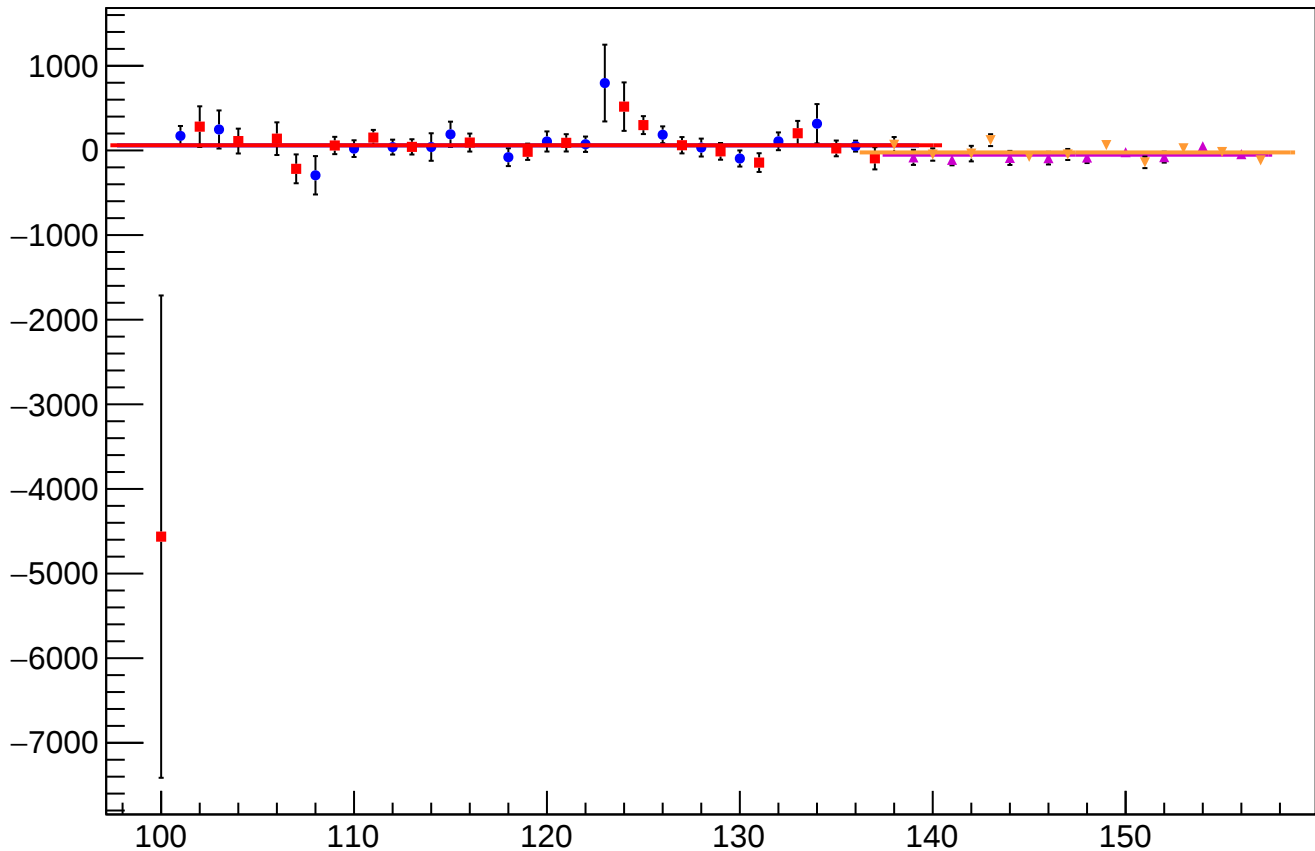
Right: 2361.511 $\pm$ 0.462 χ^2 /NDF: 1505856.7/35

In: 1859.412 $\pm$ 0.360 χ^2 /NDF: 1553610.8/25

Out: 1838.215 $\pm$ 0.343 χ^2 /NDF: 2012739.5/29

All: 1848.308 $\pm$ 0.249 χ^2 /NDF: 3568163.9/55

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: -23.494 $\pm$ 19.647 χ^2 /NDF:15.0/10

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -50.521 $\pm$ 21.764 χ^2 /NDF:5.8/8

Left: -35.630 $\pm$ 14.584 χ^2 /NDF: 21.6/19

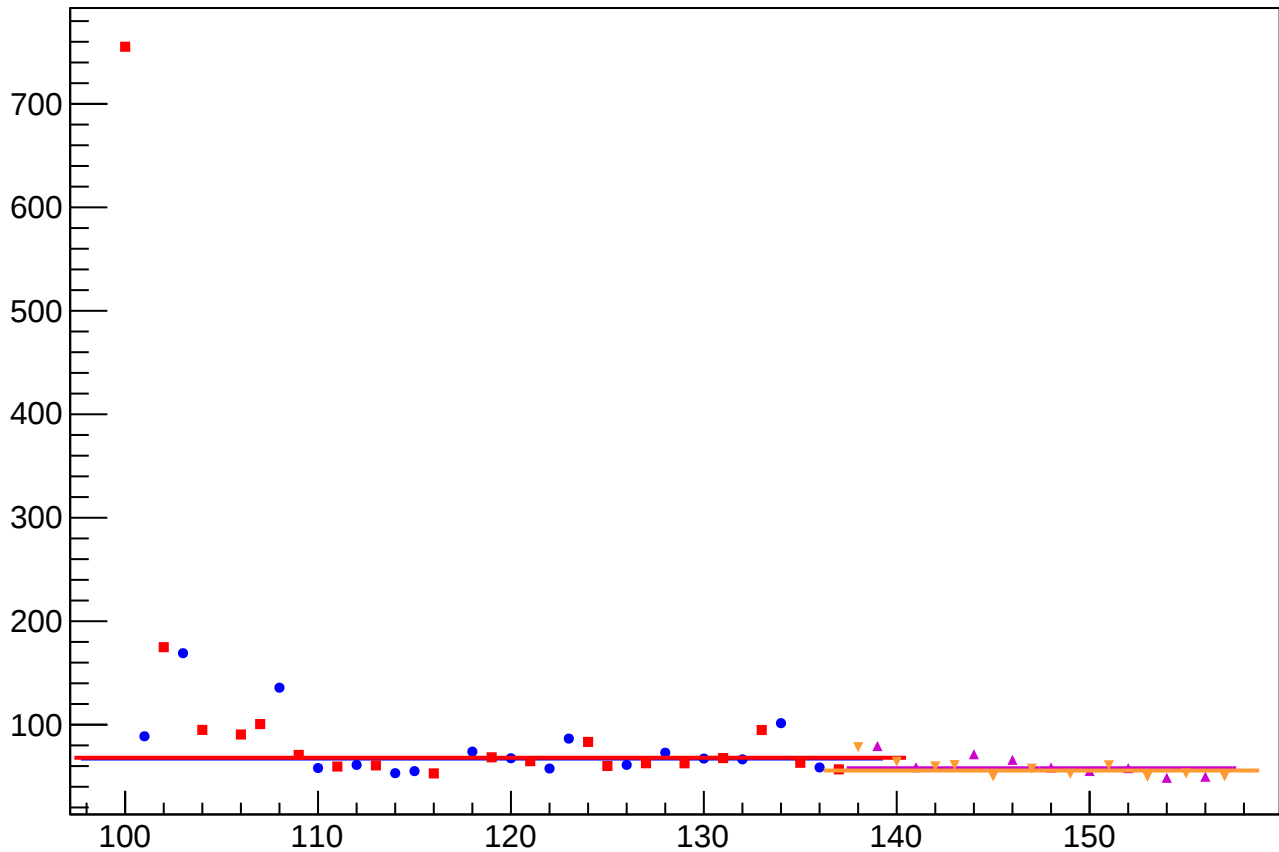
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -7.282 $\pm$ 16.964 χ^2 /NDF:31.2/25

Out: 5.739 $\pm$ 15.888 χ^2 /NDF:43.7/29

All: -0.345 $\pm$ 11.596 χ^2 /NDF: 75.2/55

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: 55.714 $\pm$ 0.014 χ^2 /NDF: 250840.1/10

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 57.892 $\pm$ 0.015 χ^2 /NDF: 299293.7/8

Left: 56.692 $\pm$ 0.010 χ^2 /NDF: 561173.0/19

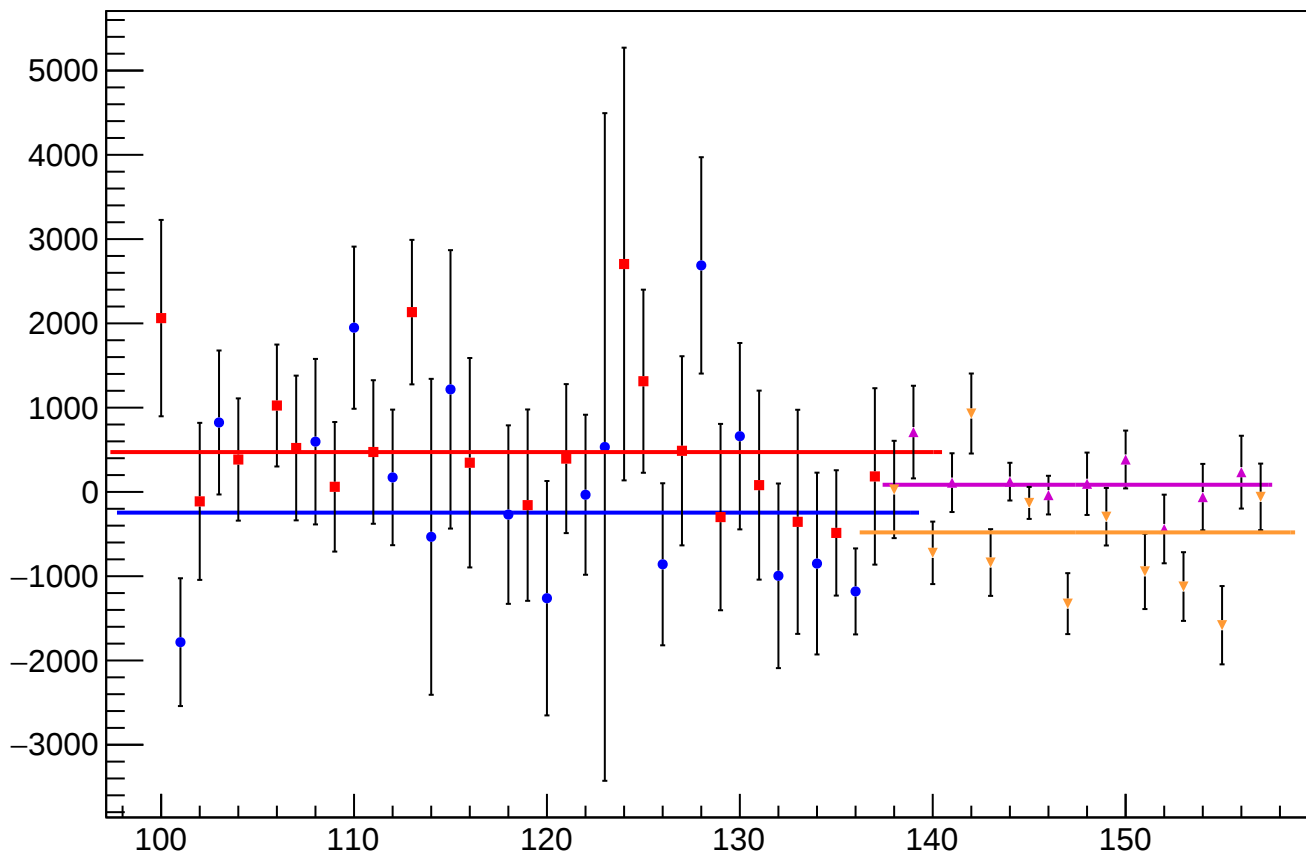
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 61.583 $\pm$ 0.012 χ^2 /NDF: 1287201.8/25

Out: 59.986 $\pm$ 0.011 χ^2 /NDF: 1394727.5/29

All: 60.732 $\pm$ 0.008 χ^2 /NDF: 2691370.4/55

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -480.121 $\pm$ 107.099 χ^2 /NDF:30.3/10

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

Left In: 85.088 $\pm$ 109.021 χ^2 /NDF:4.3/8

Left: -202.542 $\pm$ 76.401 χ^2 /NDF: 48.3/19

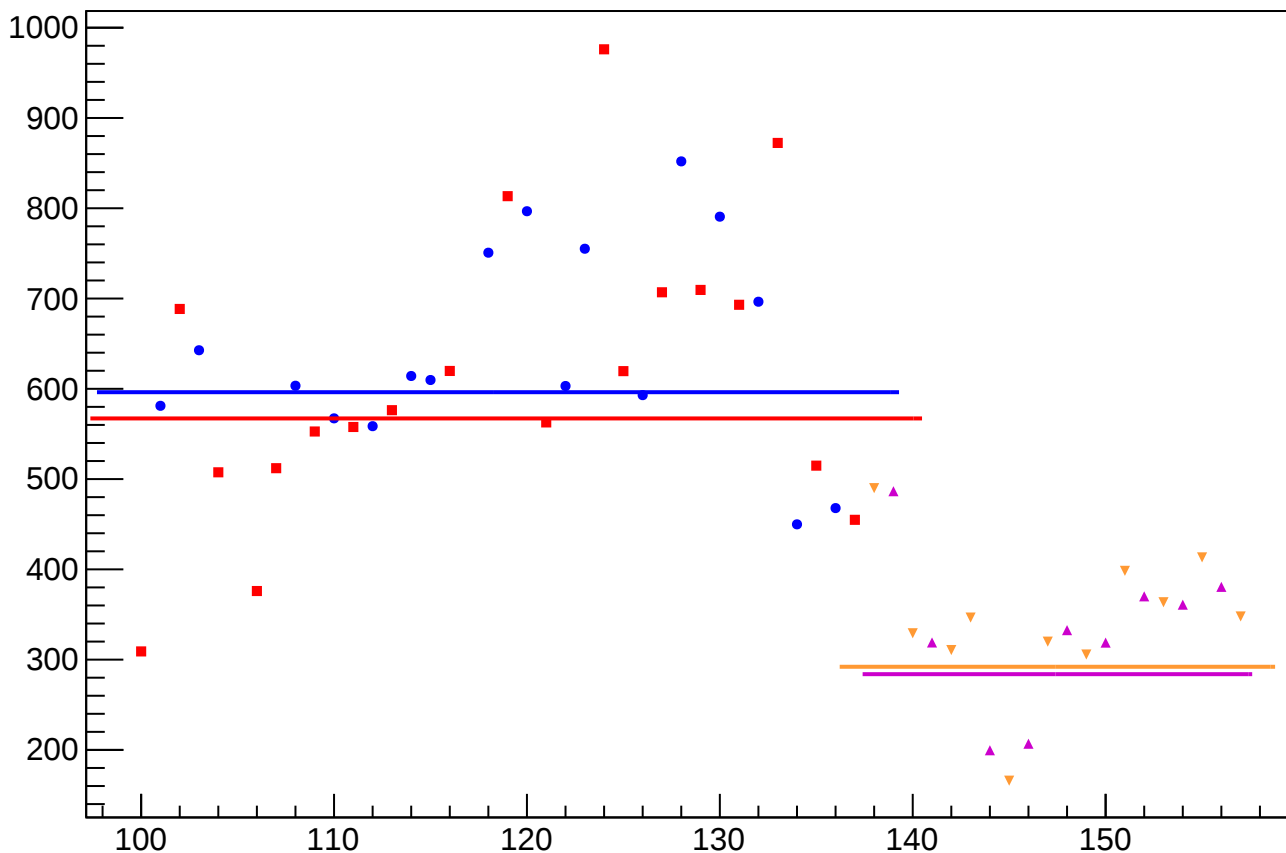
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: 26.682 $\pm$ 98.927 χ^2 /NDF:29.7/25

Out: -295.956 $\pm$ 96.195 χ^2 /NDF:56.9/29

All: -139.152 $\pm$ 68.966 χ^2 /NDF: 92.1/55

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 292.101 $\pm$ 0.076 χ^2 /NDF:1545711.9/10

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 283.900 $\pm$ 0.077 χ^2 /NDF:1123248.3/8

Left: 288.073 $\pm$ 0.054 χ^2 /NDF: 2674720.4/19

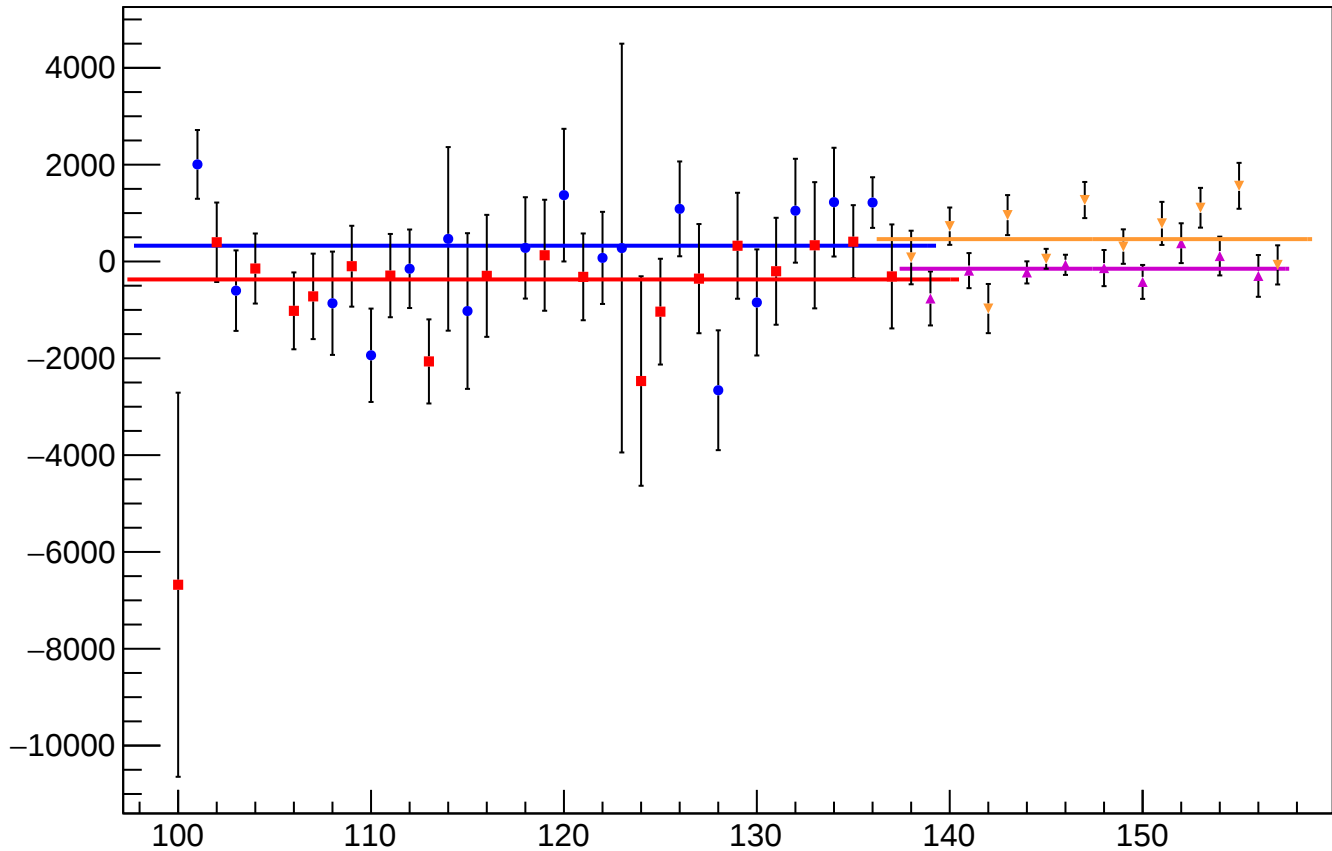
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 339.061 $\pm$ 0.070 χ^2 /NDF:4444637.3/25

Out: 345.260 $\pm$ 0.068 χ^2 /NDF:4770784.1/29

All: 342.247 $\pm$ 0.049 χ^2 /NDF: 9219457.9/55

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 461.936 ± 111.839 χ^2/NDF : 29.3/10

Right Out: -370.721 ± 224.892 χ^2/NDF : 11.5/18

Left In: -149.806 ± 107.911 χ^2/NDF : 4.3/8

Left: 145.132 ± 77.656 χ^2/NDF : 49.1/19

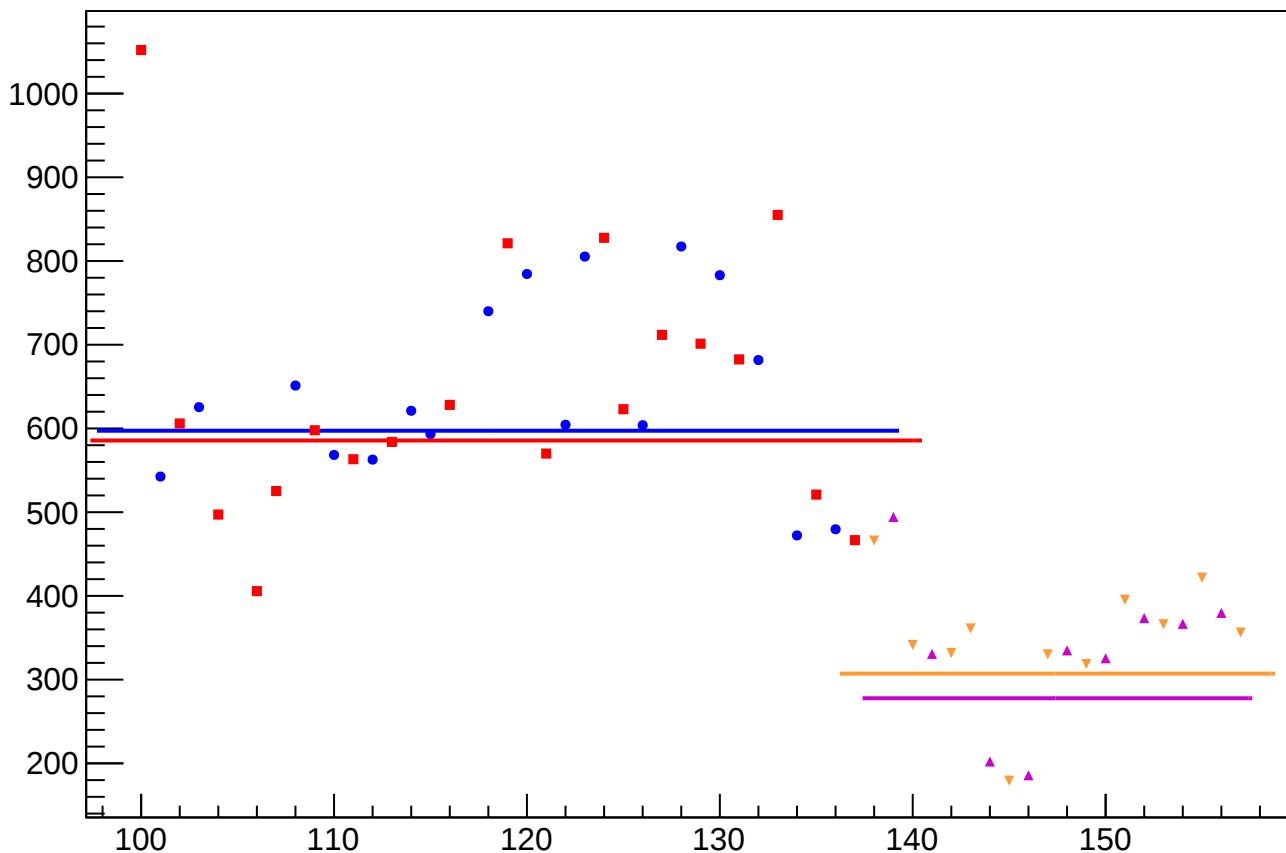
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: -67.284 ± 98.109 χ^2/NDF : 34.5/25

Out: 296.841 ± 100.140 χ^2/NDF : 51.8/29

All: 111.050 ± 70.081 χ^2/NDF : 93.1/55

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 307.162 $\pm$ 0.079 χ^2/NDF :1268553.6/10

Right Out: 585.615 $\pm$ 0.159 χ^2/NDF : 474610.2/18

Left In: 277.748 $\pm$ 0.076 χ^2/NDF :1355877.9/8

Left: 291.930 $\pm$ 0.055 χ^2/NDF : 2696074.9/19

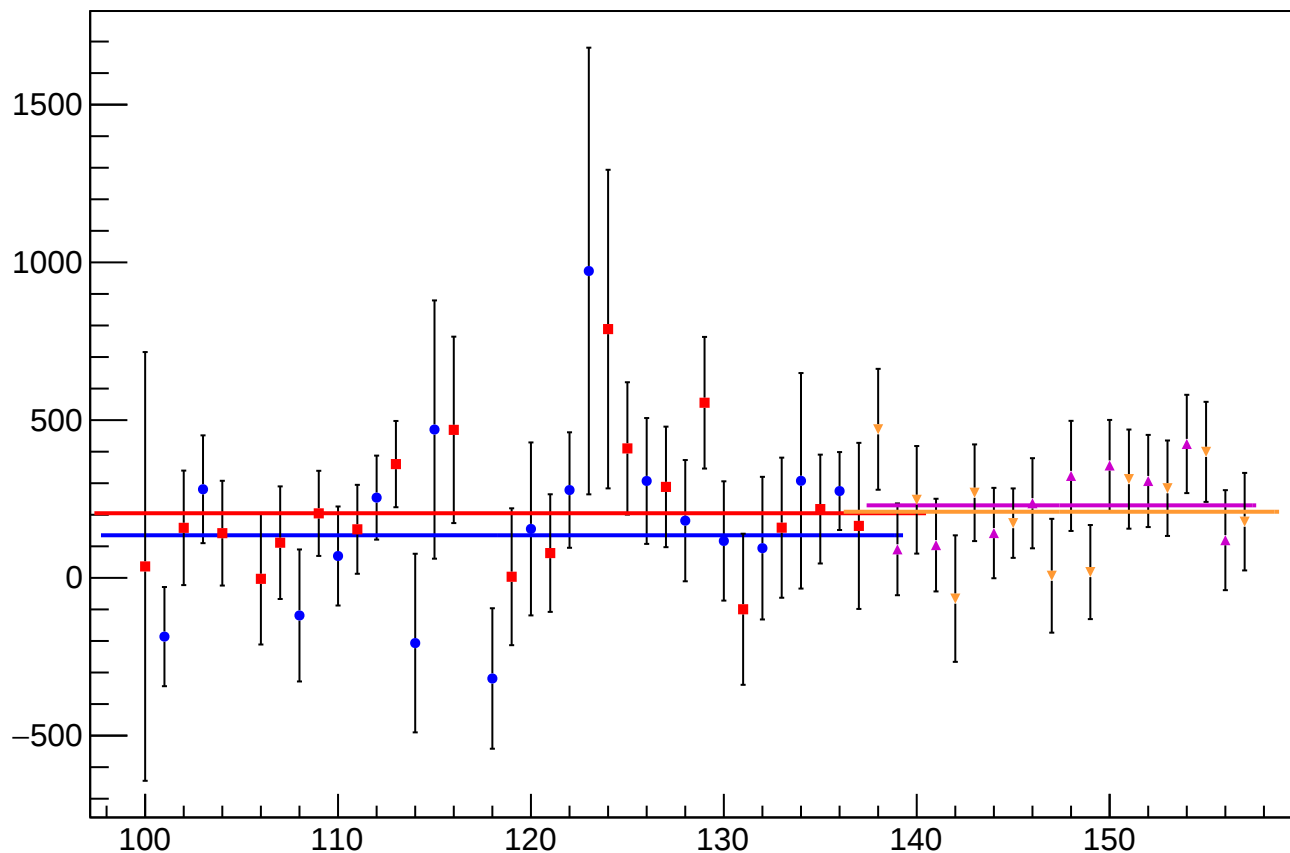
Right: 591.185 $\pm$ 0.115 χ^2/NDF : 840841.8/35

In: 333.161 $\pm$ 0.069 χ^2/NDF :4760766.8/25

Out: 362.373 $\pm$ 0.071 χ^2/NDF :4201330.0/29

All: 347.468 $\pm$ 0.050 χ^2/NDF : 9048931.3/55

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: 209.611 $\pm$ 46.976 χ^2 /NDF:9.1/10

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 229.875 $\pm$ 49.996 χ^2 /NDF:5.4/8

Left: 219.113 $\pm$ 34.235 χ^2 /NDF: 14.6/19

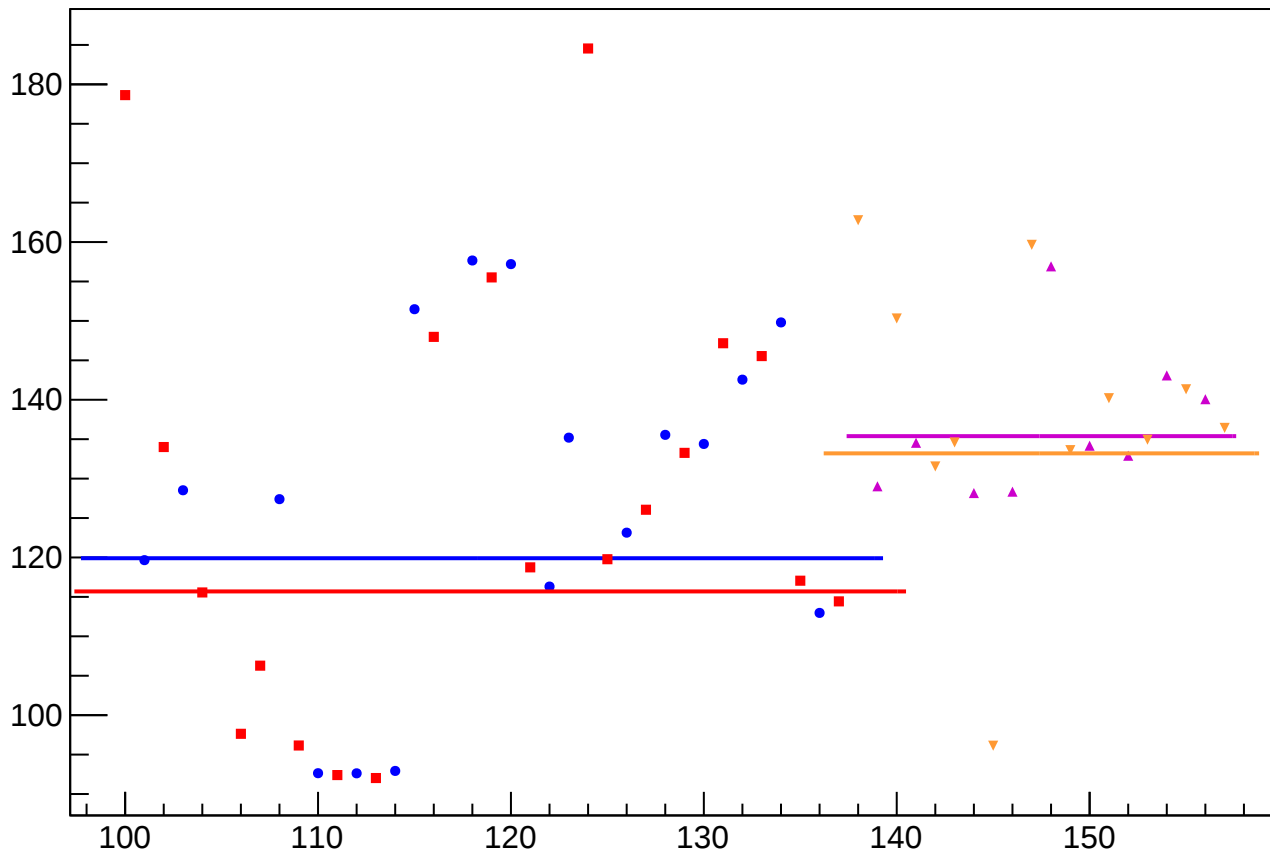
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 179.550 $\pm$ 34.254 χ^2 /NDF:25.4/25

Out: 207.107 $\pm$ 32.283 χ^2 /NDF:21.2/29

All: 194.144 $\pm$ 23.493 χ^2 /NDF: 46.9/55

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: 133.202 $\pm$ 0.033 χ^2/NDF :348308.1/10

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 135.386 $\pm$ 0.035 χ^2/NDF :51626.6/8

Left: 134.226 $\pm$ 0.024 χ^2/NDF : 401962.3/19

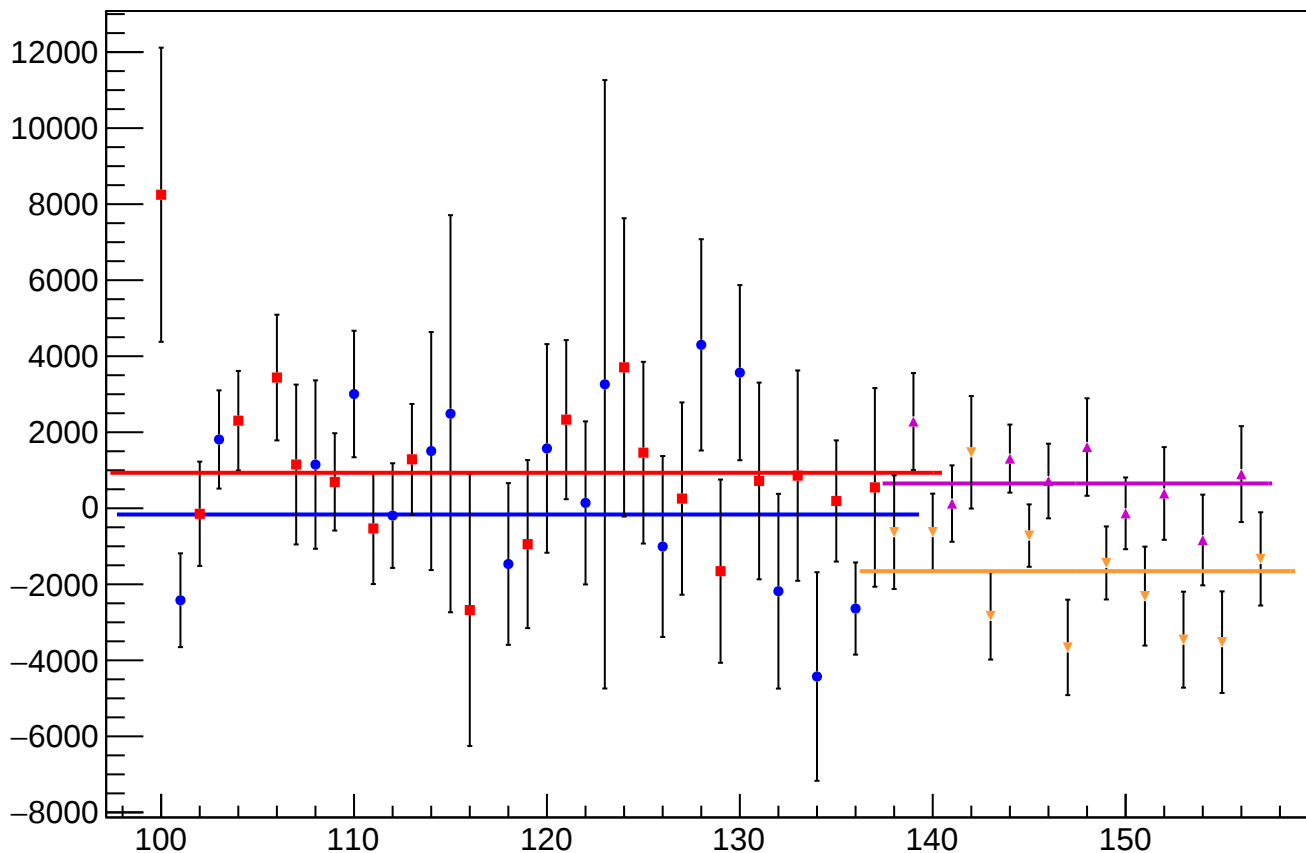
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 127.171 $\pm$ 0.024 χ^2/NDF :498906.1/25

Out: 123.962 $\pm$ 0.023 χ^2/NDF :930269.1/29

All: 125.471 $\pm$ 0.017 χ^2/NDF : 1438472.5/55

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: -1653.562 $\pm$ 347.277 χ^2/NDF :15.2/10

Right Out: 933.992 $\pm$ 437.648 χ^2/NDF : 12.9/18

Left In: 652.355 $\pm$ 362.137 χ^2/NDF :5.3/8

Left: -548.885 $\pm$ 250.651 χ^2/NDF : 41.7/19

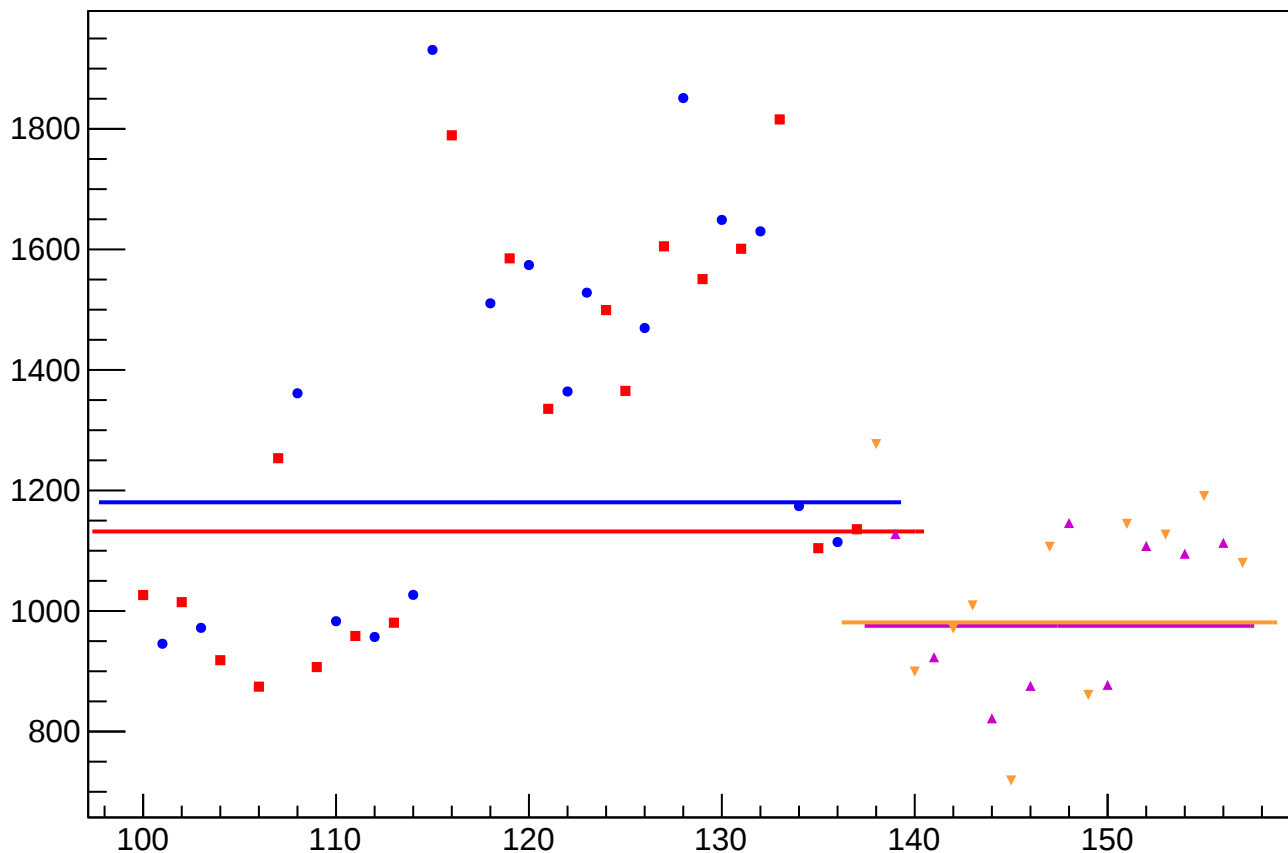
Right: 423.822 $\pm$ 320.162 χ^2/NDF : 39.5/35

In: 348.087 $\pm$ 286.769 χ^2/NDF :30.9/25

Out: -653.803 $\pm$ 272.037 χ^2/NDF :49.6/29

All: -179.252 $\pm$ 197.362 χ^2/NDF : 87.0/55

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 981.104 $\pm$ 0.246 χ^2 /NDF: 468958.6/10

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 975.492 $\pm$ 0.256 χ^2 /NDF: 237884.7/8

Left: 978.415 $\pm$ 0.177 χ^2 /NDF: 707093.5/19

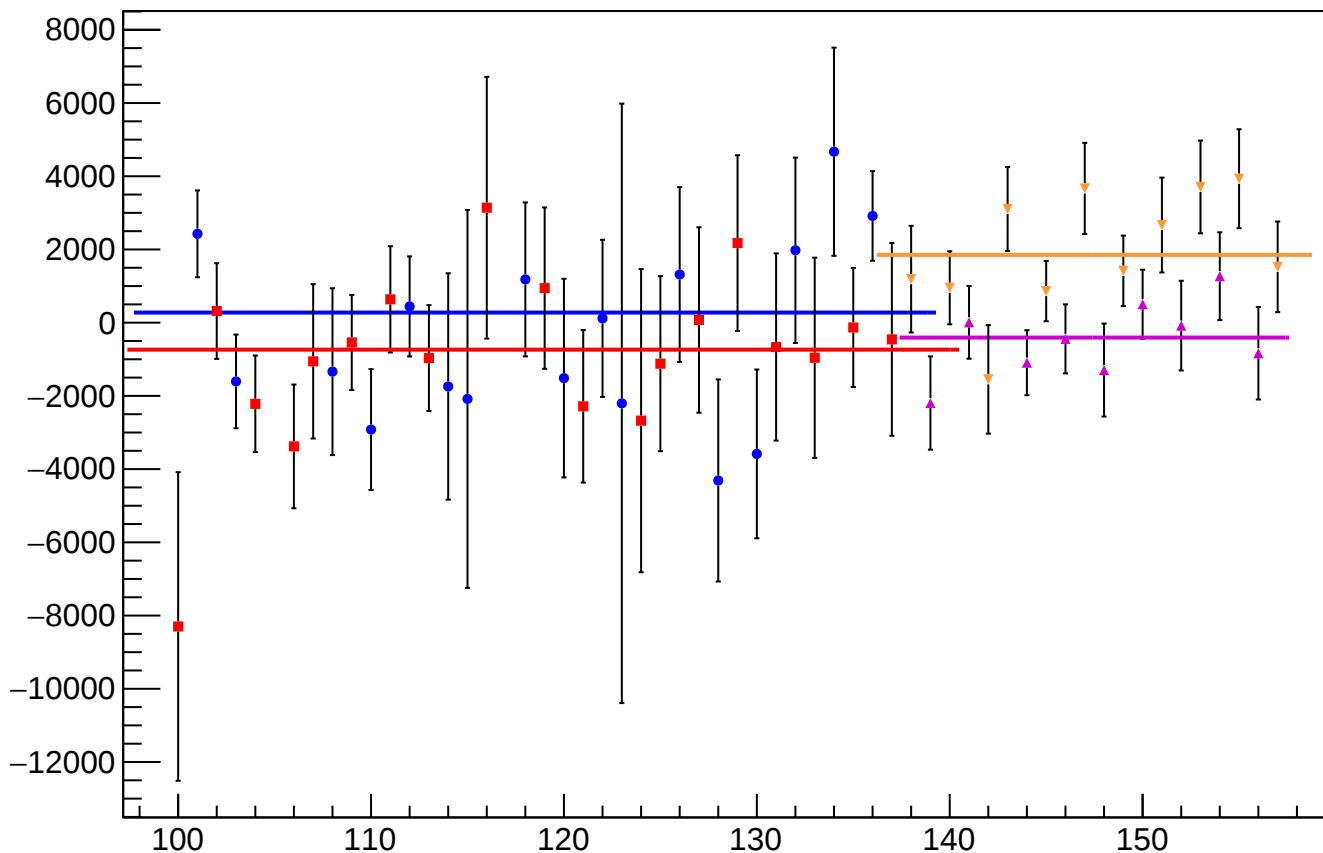
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1051.908 $\pm$ 0.203 χ^2 /NDF: 1145533.2/25

Out: 1039.398 $\pm$ 0.192 χ^2 /NDF: 1376716.7/29

All: 1045.323 $\pm$ 0.140 χ^2 /NDF: 2524253.5/55

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 ± 466.424 χ^2/NDF : 24.3/16

Left Out: 1852.194 ± 346.885 χ^2/NDF : 16.2/10

Right Out: -736.749 ± 437.448 χ^2/NDF : 12.8/18

Left In: -406.994 ± 358.936 χ^2/NDF : 6.3/8

Left: 761.161 ± 249.436 χ^2/NDF : 43.0/19

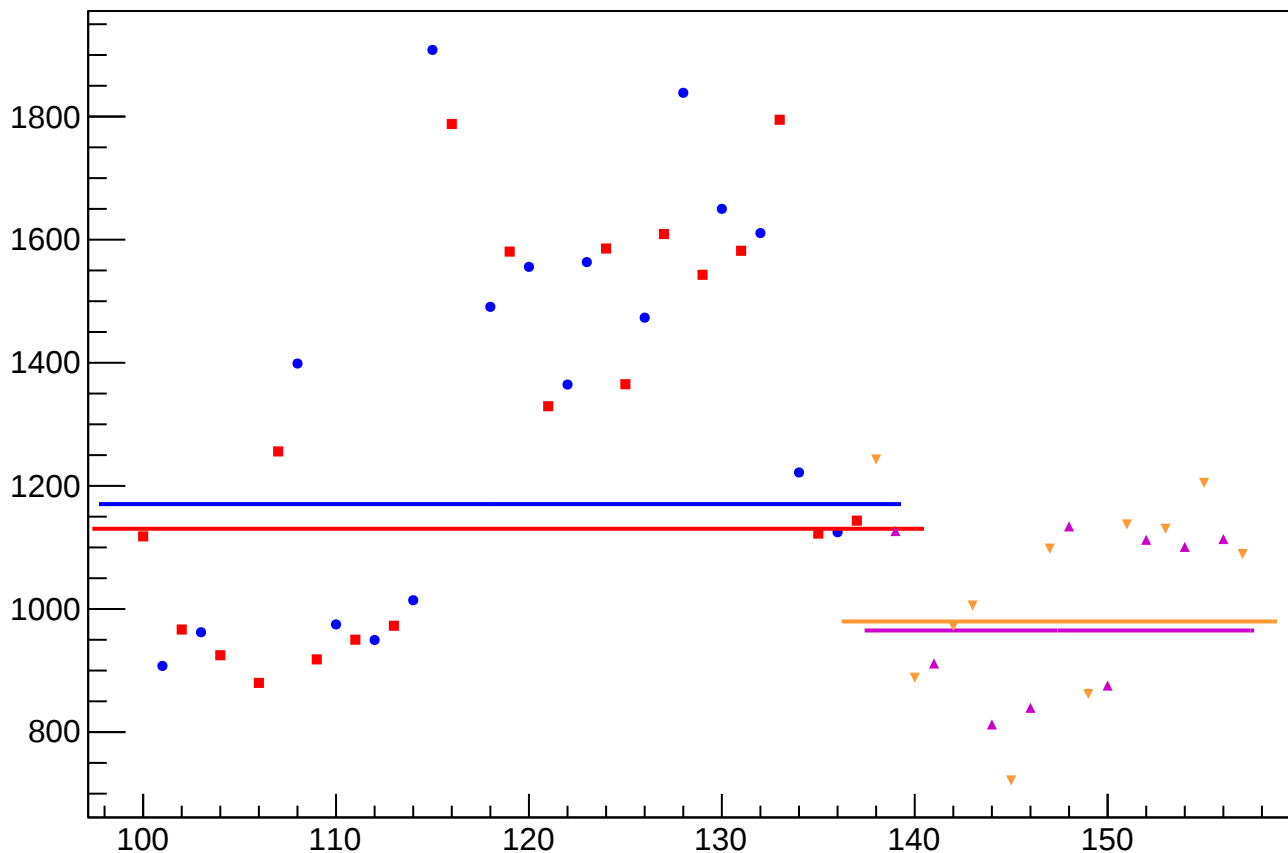
Right: -262.610 ± 319.075 χ^2/NDF : 39.7/35

In: -152.805 ± 284.458 χ^2/NDF : 32.0/25

Out: 852.724 ± 271.801 χ^2/NDF : 50.6/29

All: 372.827 ± 196.514 χ^2/NDF : 89.1/55

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 979.731 $\pm$ 0.245 χ^2 /NDF: 456537.8/10

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 965.083 $\pm$ 0.254 χ^2 /NDF: 268527.8/8

Left: 972.657 $\pm$ 0.176 χ^2 /NDF: 726788.0/19

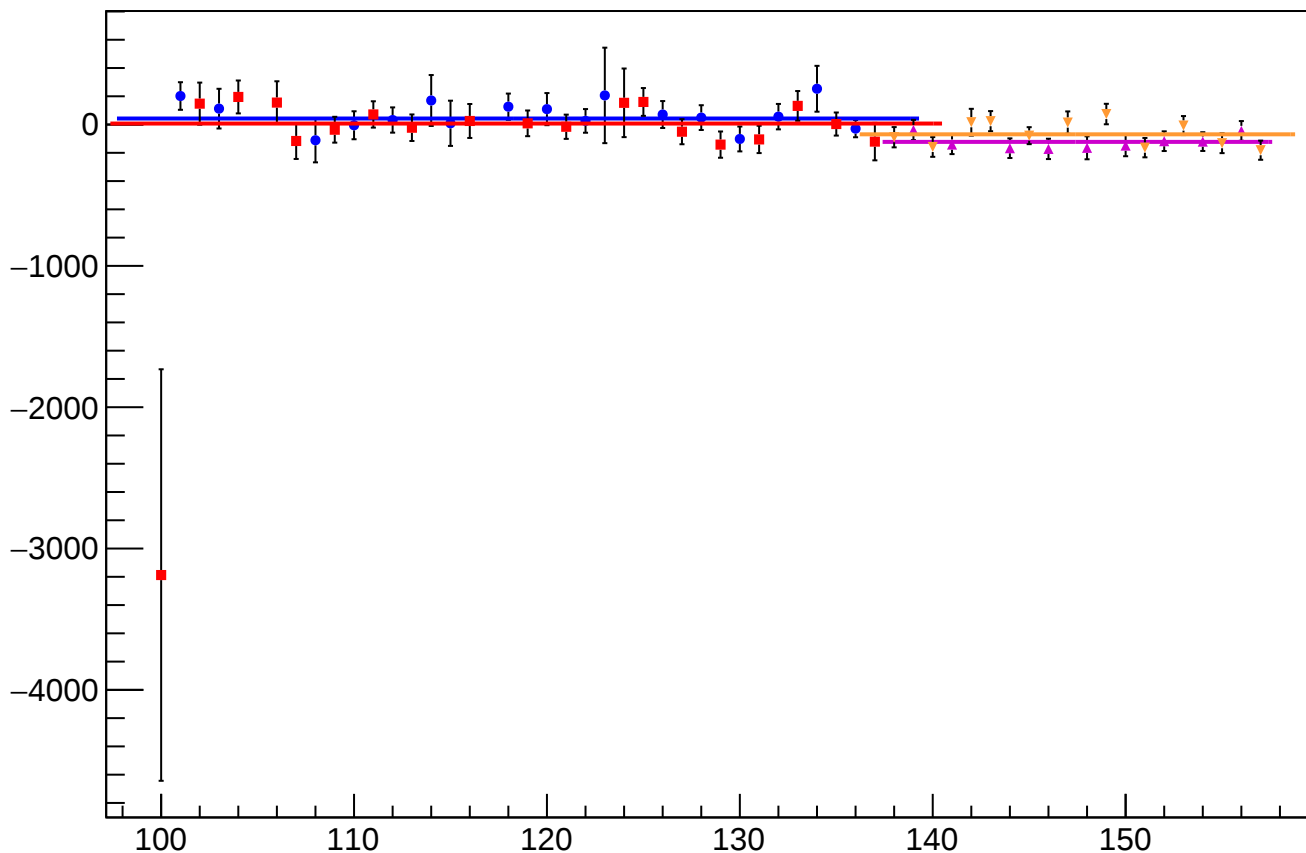
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1041.450 $\pm$ 0.201 χ^2 /NDF: 1217424.4/25

Out: 1037.867 $\pm$ 0.192 χ^2 /NDF: 1365096.8/29

All: 1039.577 $\pm$ 0.139 χ^2 /NDF: 2582687.0/55

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: -69.125 ± 21.362 $\chi^2/\text{NDF}: 15.6/10$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -122.676 ± 23.690 $\chi^2/\text{NDF}: 4.0/8$

Left: -93.141 ± 15.864 $\chi^2/\text{NDF}: 22.4/19$

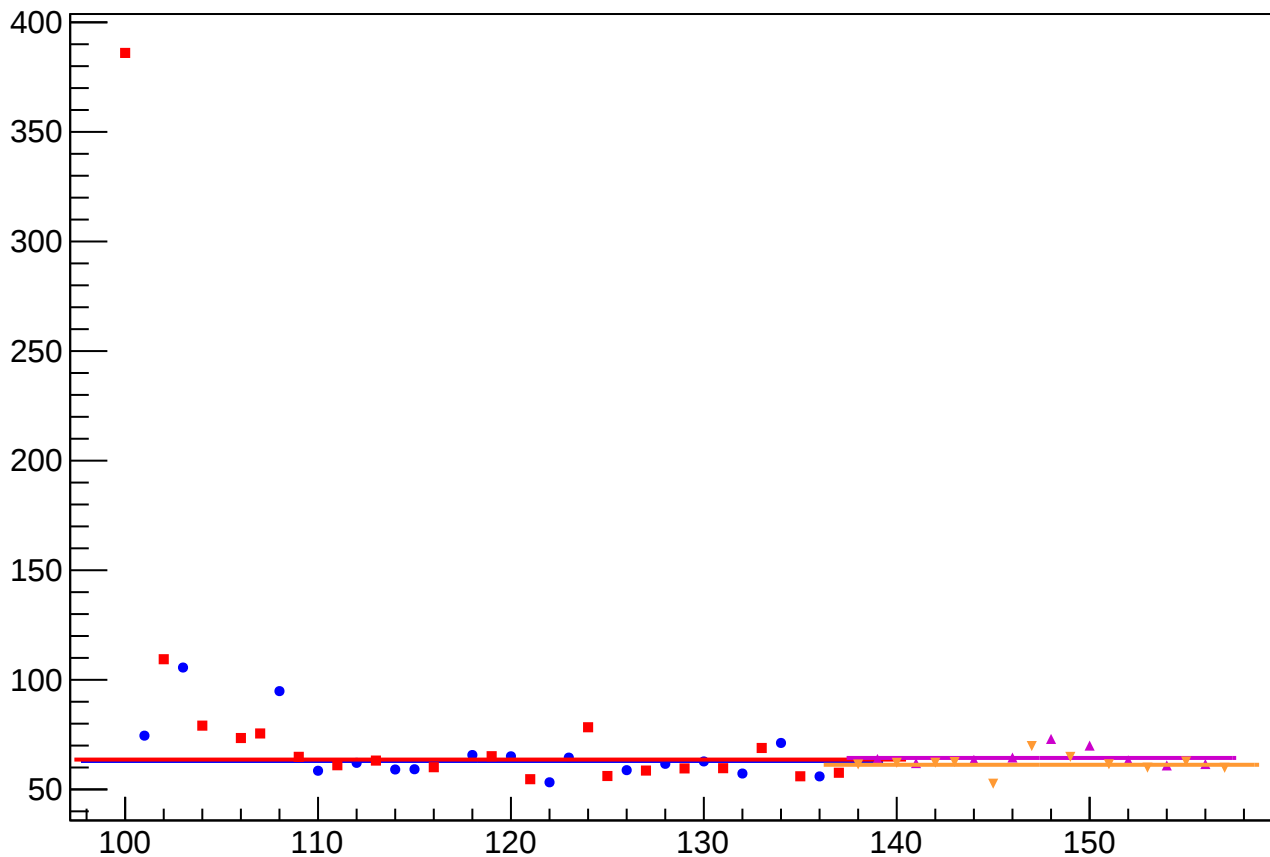
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -43.455 ± 17.097 $\chi^2/\text{NDF}: 39.3/25$

Out: -36.191 ± 16.098 $\chi^2/\text{NDF}: 41.7/29$

All: -39.604 ± 11.720 $\chi^2/\text{NDF}: 81.1/55$

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: 61.235 $\pm$ 0.015 χ^2 /NDF: 73395.0/10

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 64.356 $\pm$ 0.017 χ^2 /NDF: 45791.9/8

Left: 62.635 $\pm$ 0.011 χ^2 /NDF: 138336.1/19

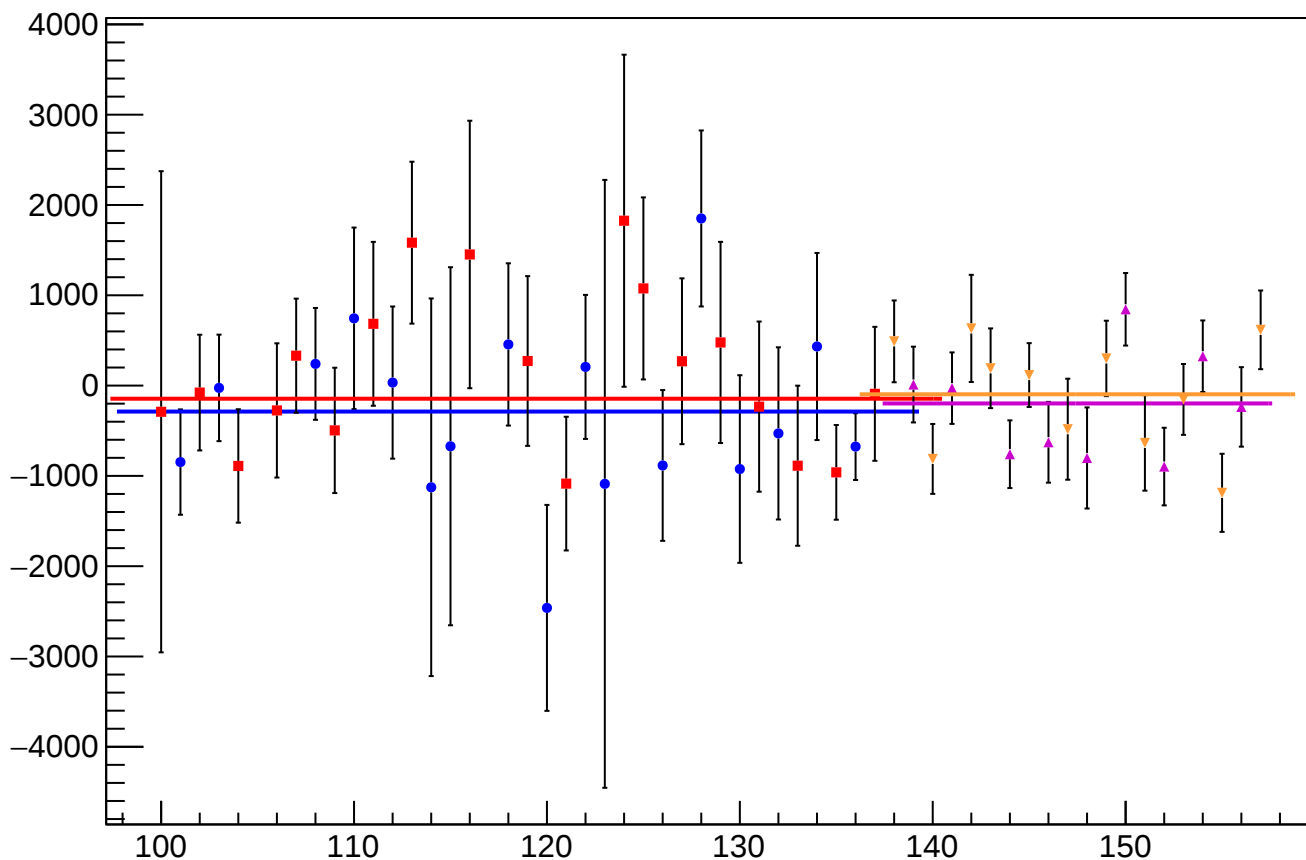
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.697 $\pm$ 0.012 χ^2 /NDF: 424287.6/25

Out: 62.263 $\pm$ 0.011 χ^2 /NDF: 517660.2/29

All: 62.937 $\pm$ 0.008 χ^2 /NDF: 949407.7/55

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -96.335 ± 132.278 $\chi^2/\text{NDF}: 18.9/10$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -197.679 ± 140.707 $\chi^2/\text{NDF}: 15.9/8$

Left: -143.881 ± 96.377 $\chi^2/\text{NDF}: 35.1/19$

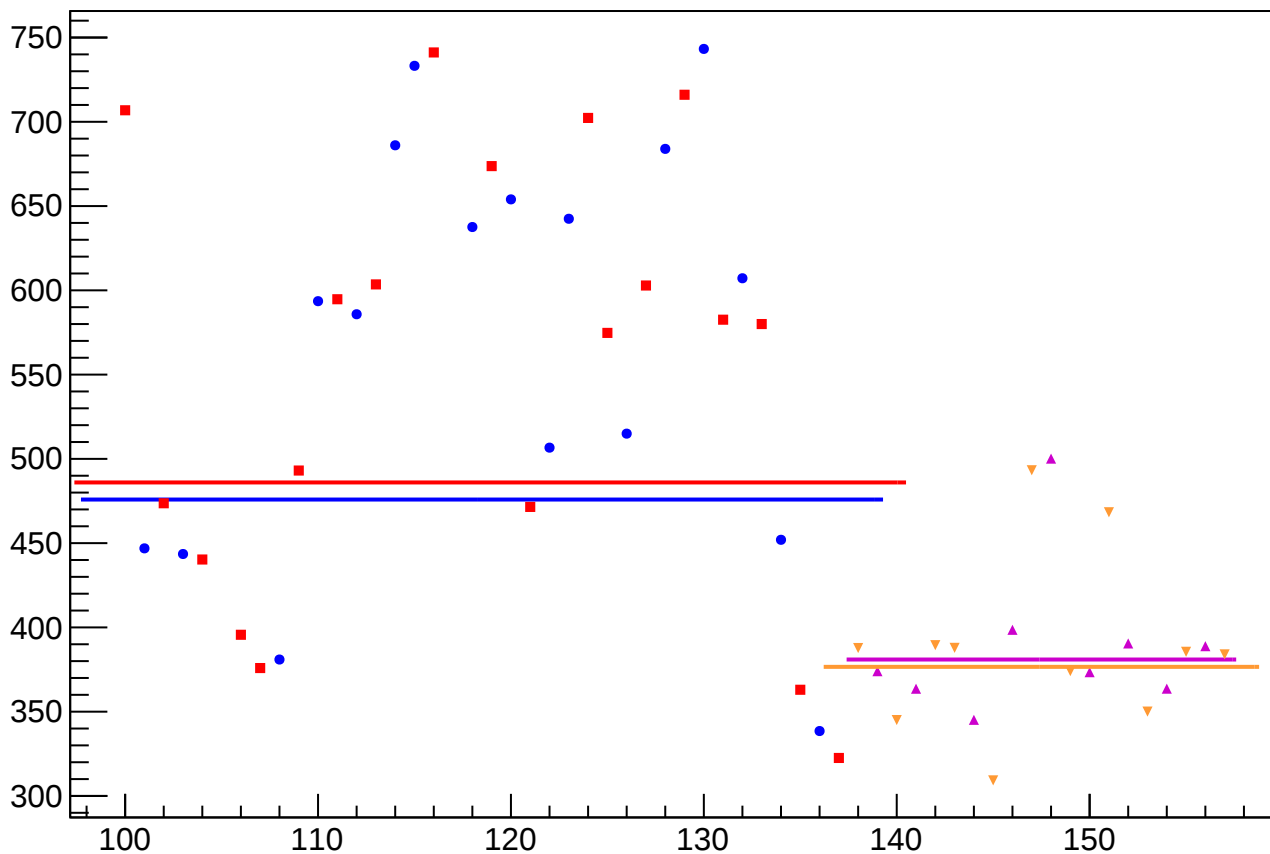
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -229.581 ± 113.052 $\chi^2/\text{NDF}: 31.4/25$

Out: -112.642 ± 108.051 $\chi^2/\text{NDF}: 35.0/29$

All: -168.468 ± 78.112 $\chi^2/\text{NDF}: 67.0/55$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 376.597 $\pm$ 0.094 χ^2 /NDF:247278.8/10

Right Out: 486.011 $\pm$ 0.132 χ^2 /NDF: 730123.7/18

Left In: 380.949 $\pm$ 0.099 χ^2 /NDF:122555.1/8

Left: 378.639 $\pm$ 0.068 χ^2 /NDF: 370849.6/19

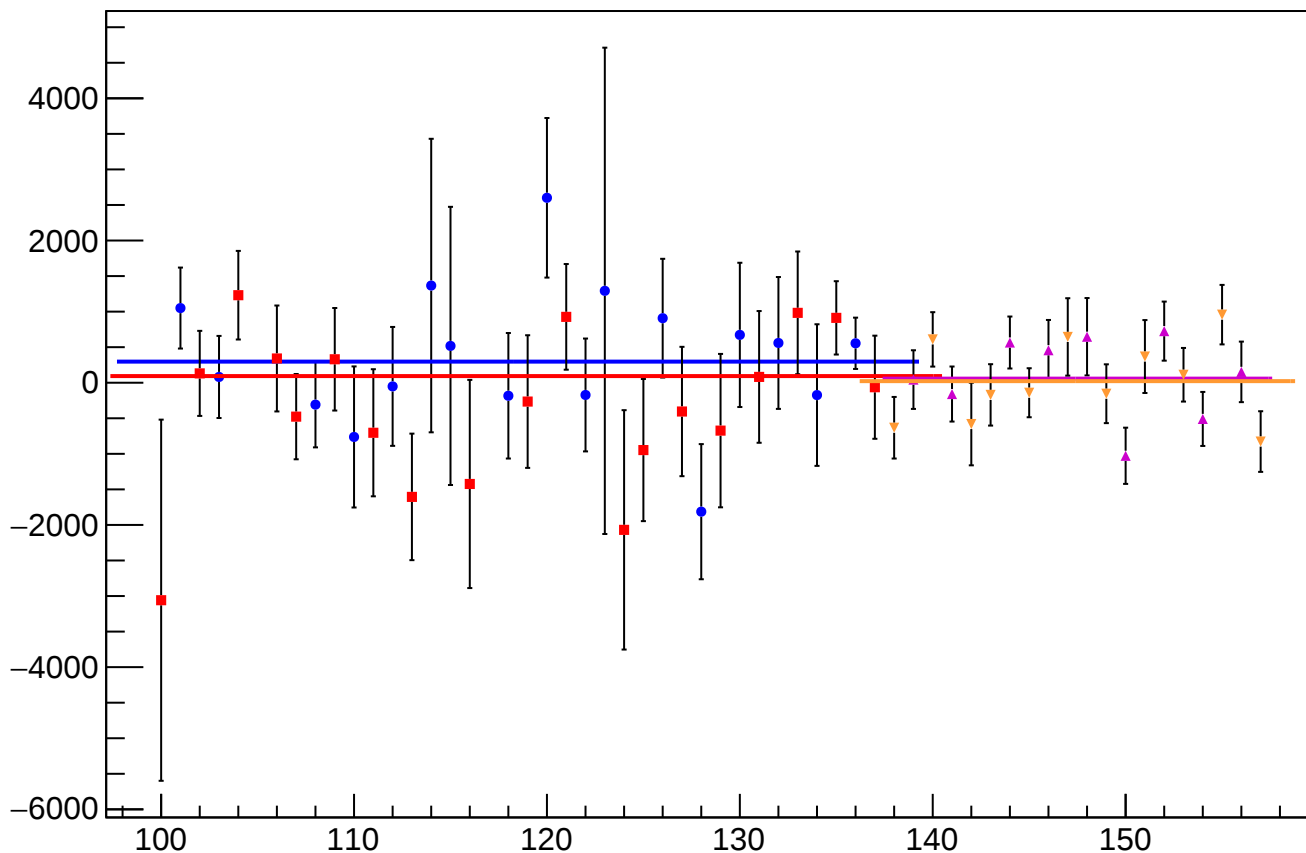
Right: 481.010 $\pm$ 0.094 χ^2 /NDF: 1570822.6/35

In: 414.595 $\pm$ 0.080 χ^2 /NDF:1282984.3/25

Out: 413.005 $\pm$ 0.076 χ^2 /NDF:1432732.0/29

All: 413.764 $\pm$ 0.055 χ^2 /NDF: 2715922.9/55

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: 22.398 $\pm$ 128.913 χ^2 /NDF:17.1/10

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 57.688 $\pm$ 136.615 χ^2 /NDF:16.7/8

Left: 39.020 $\pm$ 93.760 χ^2 /NDF: 33.8/19

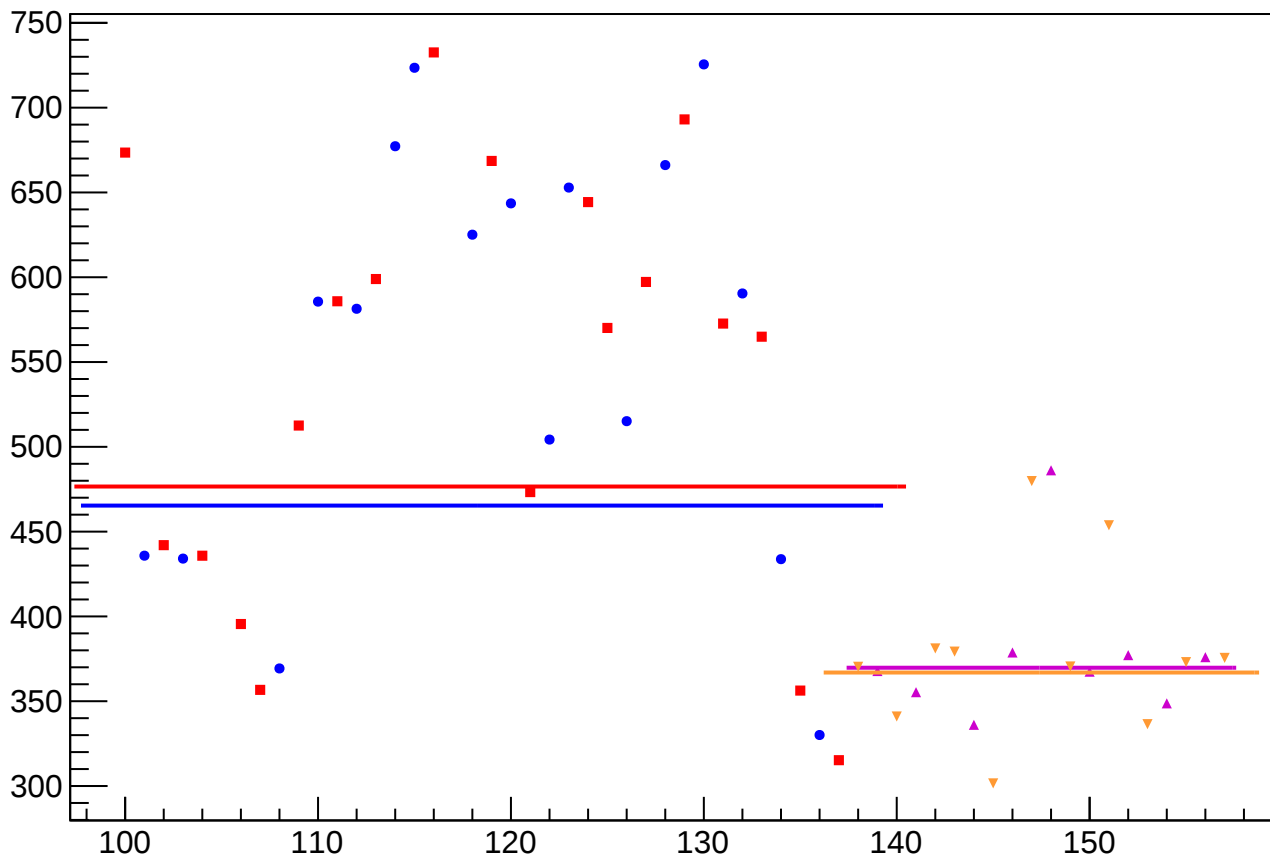
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 141.558 $\pm$ 110.101 χ^2 /NDF:33.6/25

Out: 45.830 $\pm$ 105.563 χ^2 /NDF:37.3/29

All: 91.681 $\pm$ 76.198 χ^2 /NDF: 71.3/55

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 366.919+/-0.091 χ^2/NDF : 241928.6/10

Right Out: 476.597+/-0.130 χ^2/NDF : 752936.0/18

Left In: 369.747+/-0.097 χ^2/NDF : 119454.0/8

Left: 368.251+/-0.066 χ^2/NDF : 361836.2/19

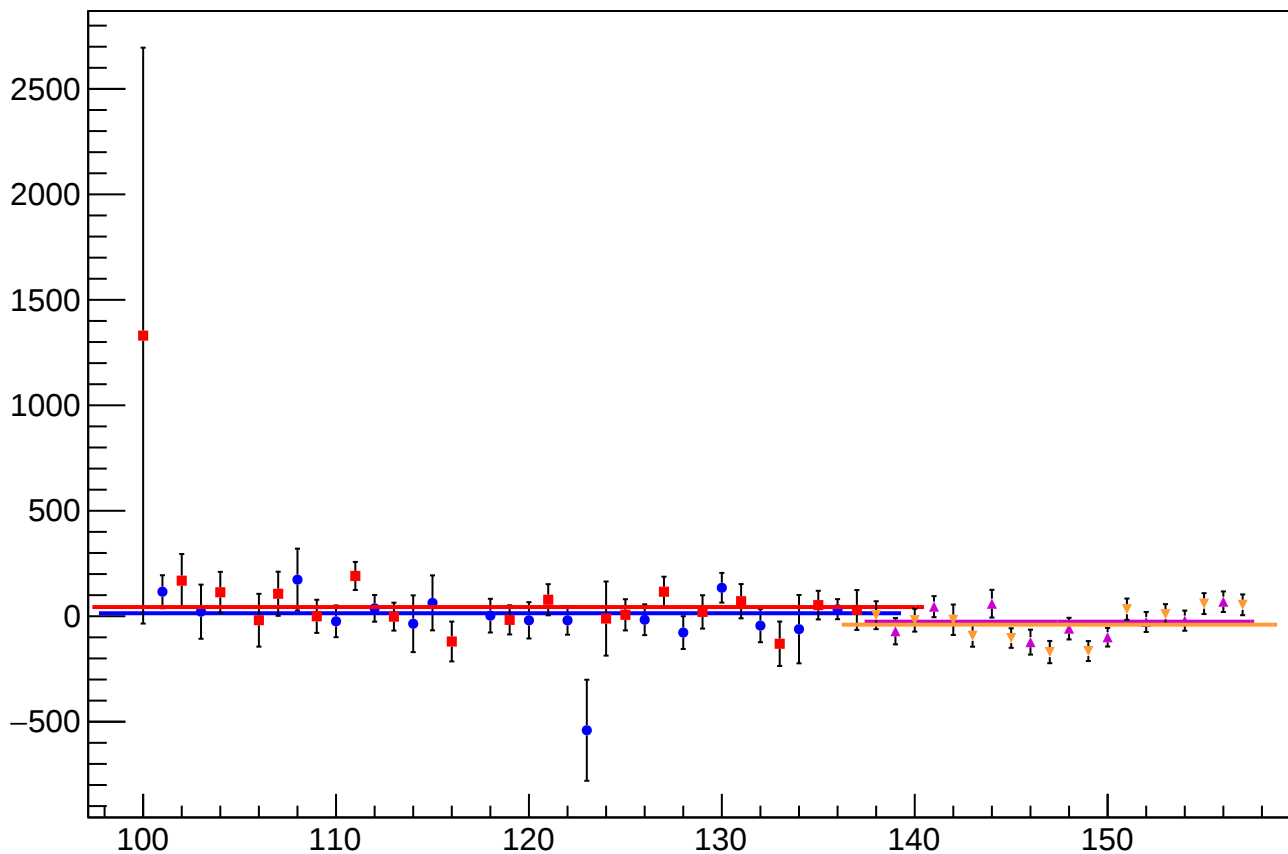
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 403.257+/-0.078 χ^2/NDF : 1323195.8/25

Out: 403.052+/-0.075 χ^2/NDF : 1471807.2/29

All: 403.150+/-0.054 χ^2/NDF : 2795006.6/55

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 $\pm$ 19.867 χ^2/NDF : 14.8/16

Left Out: -39.797 $\pm$ 15.714 χ^2/NDF :27.5/10

Right Out: 43.602 $\pm$ 19.648 χ^2/NDF : 17.0/18

Left In: -25.768 $\pm$ 17.220 χ^2/NDF :13.9/8

Left: -33.423 $\pm$ 11.608 χ^2/NDF : 41.8/19

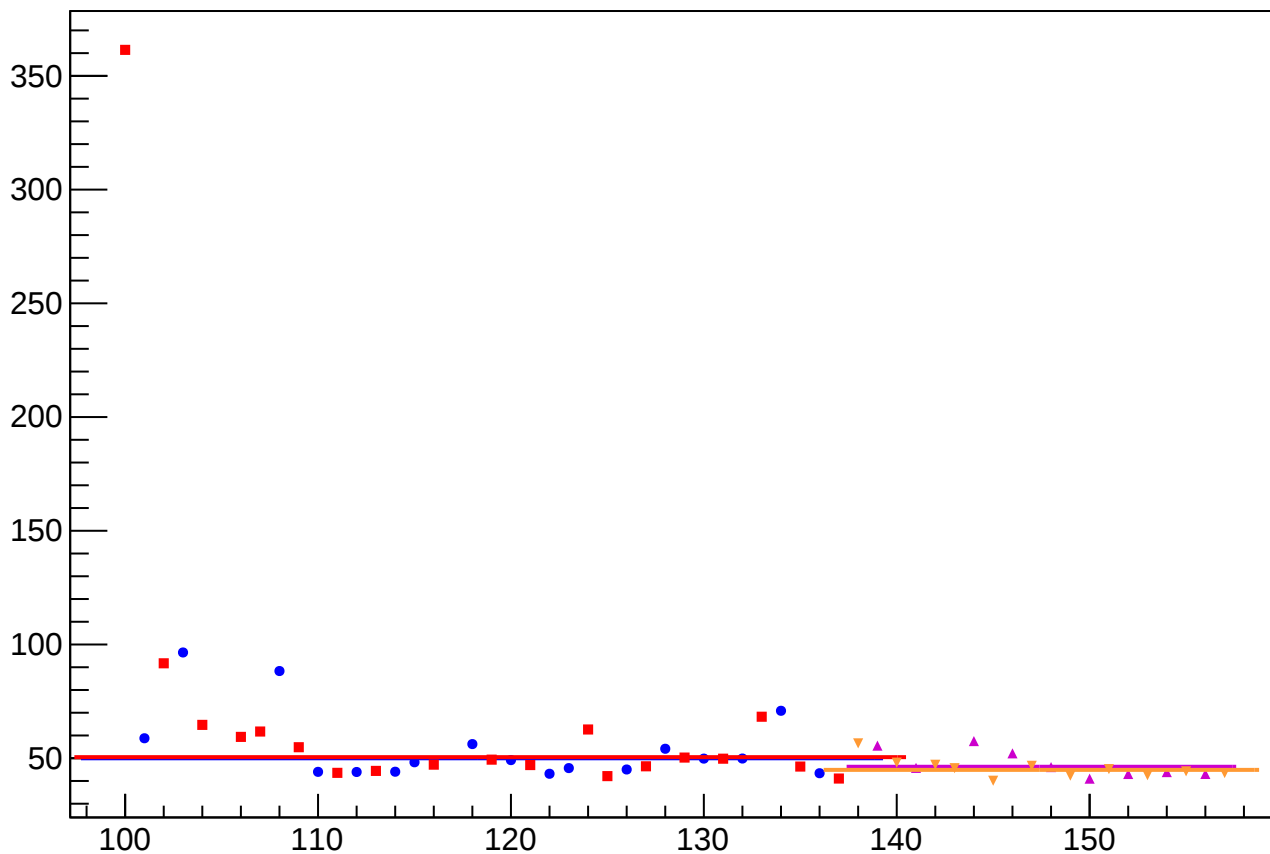
Right: 29.090 $\pm$ 13.970 χ^2/NDF : 32.9/35

In: -8.599 $\pm$ 13.012 χ^2/NDF :31.0/25

Out: -7.261 $\pm$ 12.272 χ^2/NDF :55.6/29

All: -7.891 $\pm$ 8.928 χ^2/NDF : 86.6/55

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 44.876 $\pm$ 0.011 χ^2 /NDF: 107504.6/10

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 46.246 $\pm$ 0.012 χ^2 /NDF: 173989.9/8

Left: 45.499 $\pm$ 0.008 χ^2 /NDF: 288392.0/19

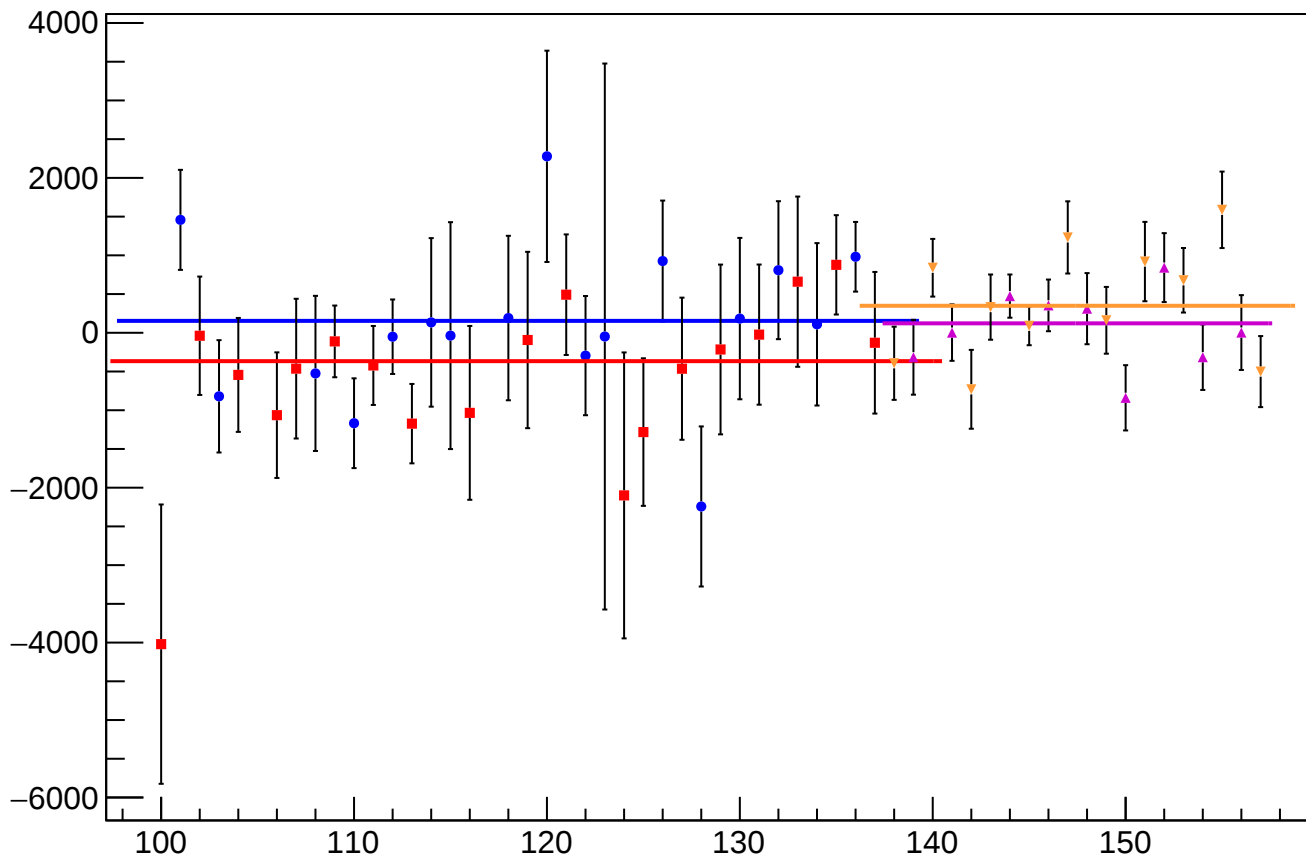
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 47.845 $\pm$ 0.009 χ^2 /NDF: 792943.6/25

Out: 47.060 $\pm$ 0.009 χ^2 /NDF: 777742.2/29

All: 47.429 $\pm$ 0.006 χ^2 /NDF: 1574539.2/55

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: 348.744 $\pm$ 123.524 χ^2 /NDF: 25.1/10

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 121.980 $\pm$ 130.261 χ^2 /NDF: 12.1/8

Left: 241.377 $\pm$ 89.632 χ^2 /NDF: 38.9/19

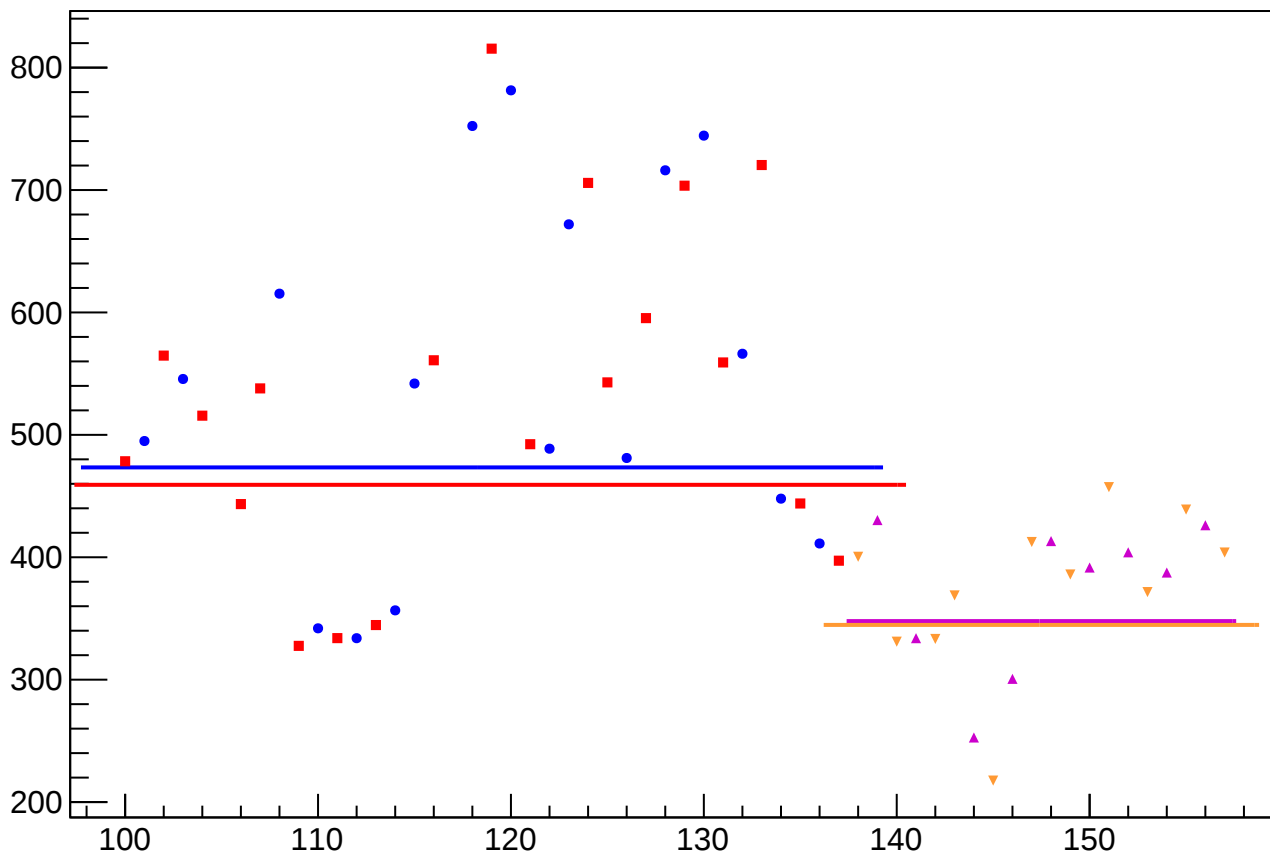
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 132.170 $\pm$ 107.430 χ^2 /NDF: 36.9/25

Out: 117.926 $\pm$ 101.649 χ^2 /NDF: 52.2/29

All: 124.654 $\pm$ 73.836 χ^2 /NDF: 89.1/55

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 344.739+/-0.087 χ^2/NDF : 824949.9/10

Right Out: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 347.852+/-0.092 χ^2/NDF : 497827.9/8

Left: 346.213+/-0.063 χ^2/NDF : 1323379.2/19

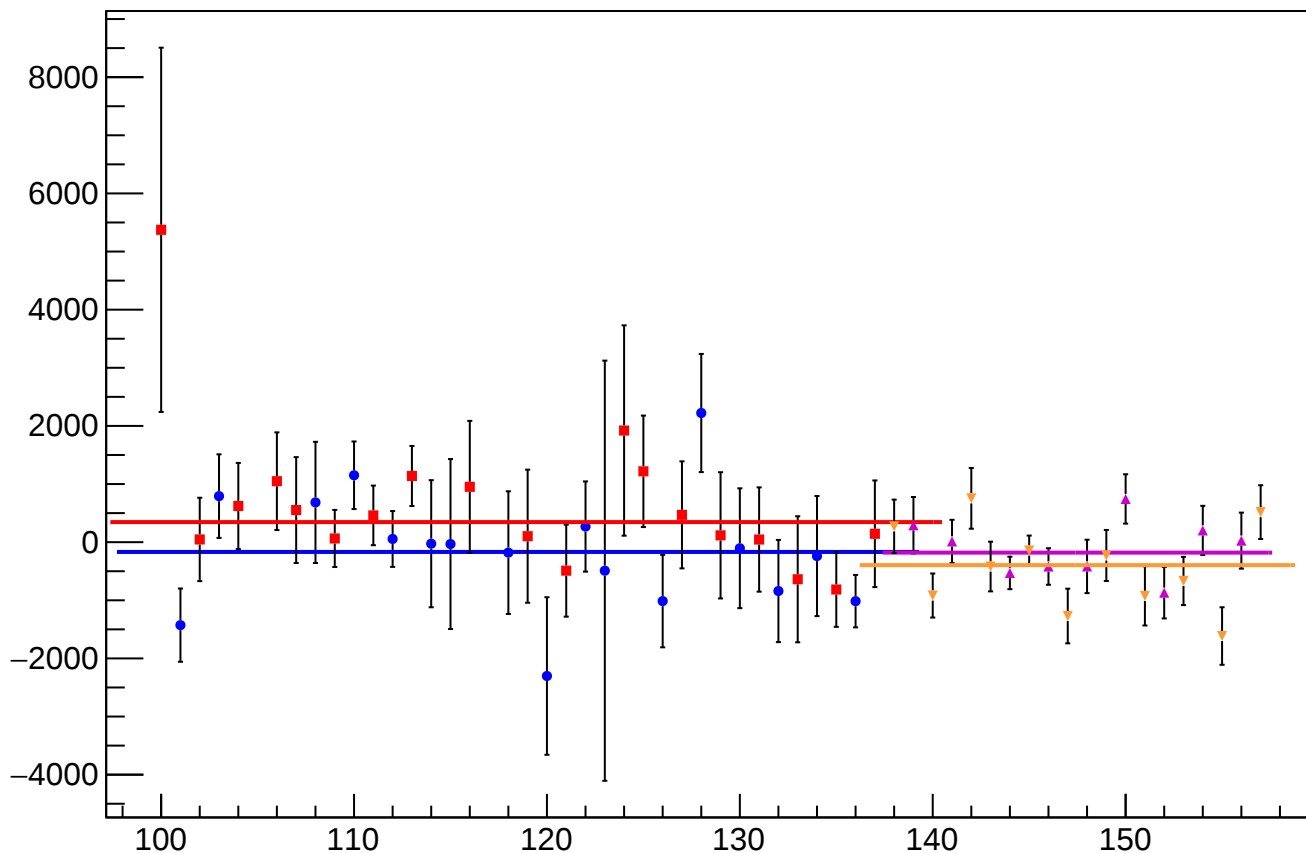
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 388.008+/-0.076 χ^2/NDF : 2007012.6/25

Out: 381.682+/-0.072 χ^2/NDF : 2385601.0/29

All: 384.670+/-0.052 χ^2/NDF : 4396271.7/55

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: -395.330 $\pm$ 124.903 χ^2 /NDF:24.9/10

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -179.554 $\pm$ 129.399 χ^2 /NDF:11.8/8

Left: -291.256 $\pm$ 89.867 χ^2 /NDF: 38.1/19

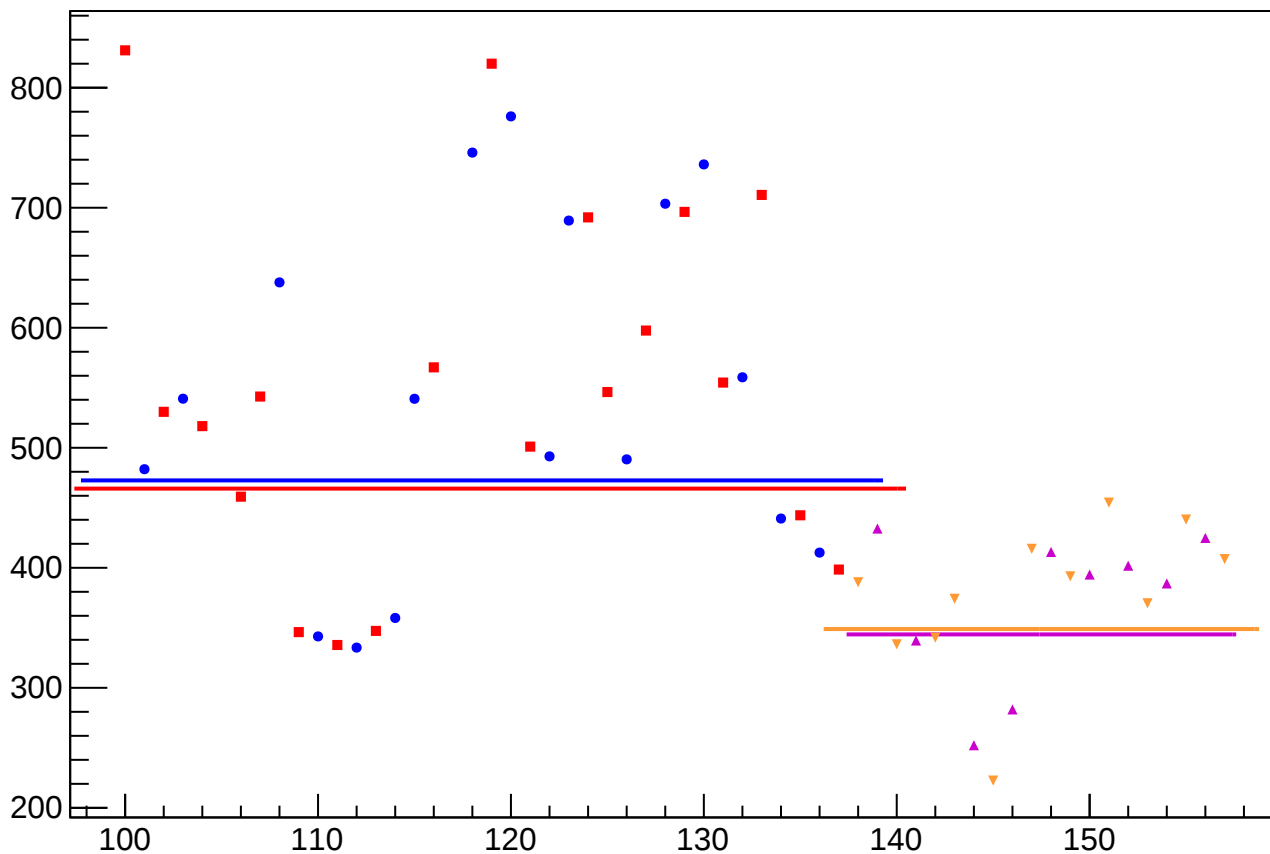
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -175.902 $\pm$ 106.908 χ^2 /NDF:37.2/25

Out: -156.813 $\pm$ 102.848 χ^2 /NDF:49.9/29

All: -165.988 $\pm$ 74.118 χ^2 /NDF: 87.1/55

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: 348.965 $\pm$ 0.088 χ^2 /NDF: 758193.6/10

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 344.506 $\pm$ 0.091 χ^2 /NDF: 545476.5/8

Left: 346.815 $\pm$ 0.064 χ^2 /NDF: 1304899.5/19

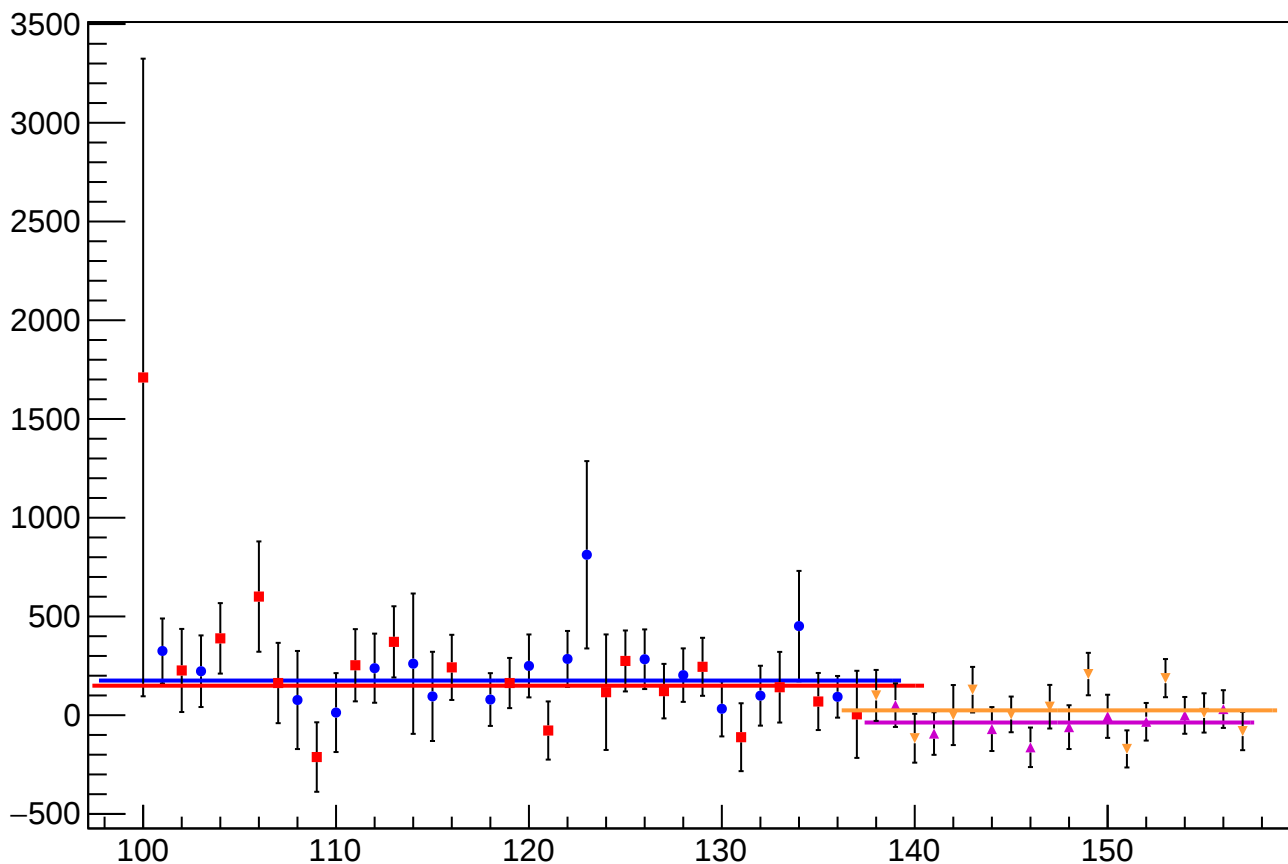
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 385.234 $\pm$ 0.076 χ^2 /NDF: 2066062.3/25

Out: 386.643 $\pm$ 0.073 χ^2 /NDF: 2265459.2/29

All: 385.966 $\pm$ 0.052 χ^2 /NDF: 4331701.8/55

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: 24.475 ± 32.225 χ^2/NDF : 13.9/10

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -37.067 ± 34.322 χ^2/NDF : 3.4/8

Left: -4.359 ± 23.493 χ^2/NDF : 18.9/19

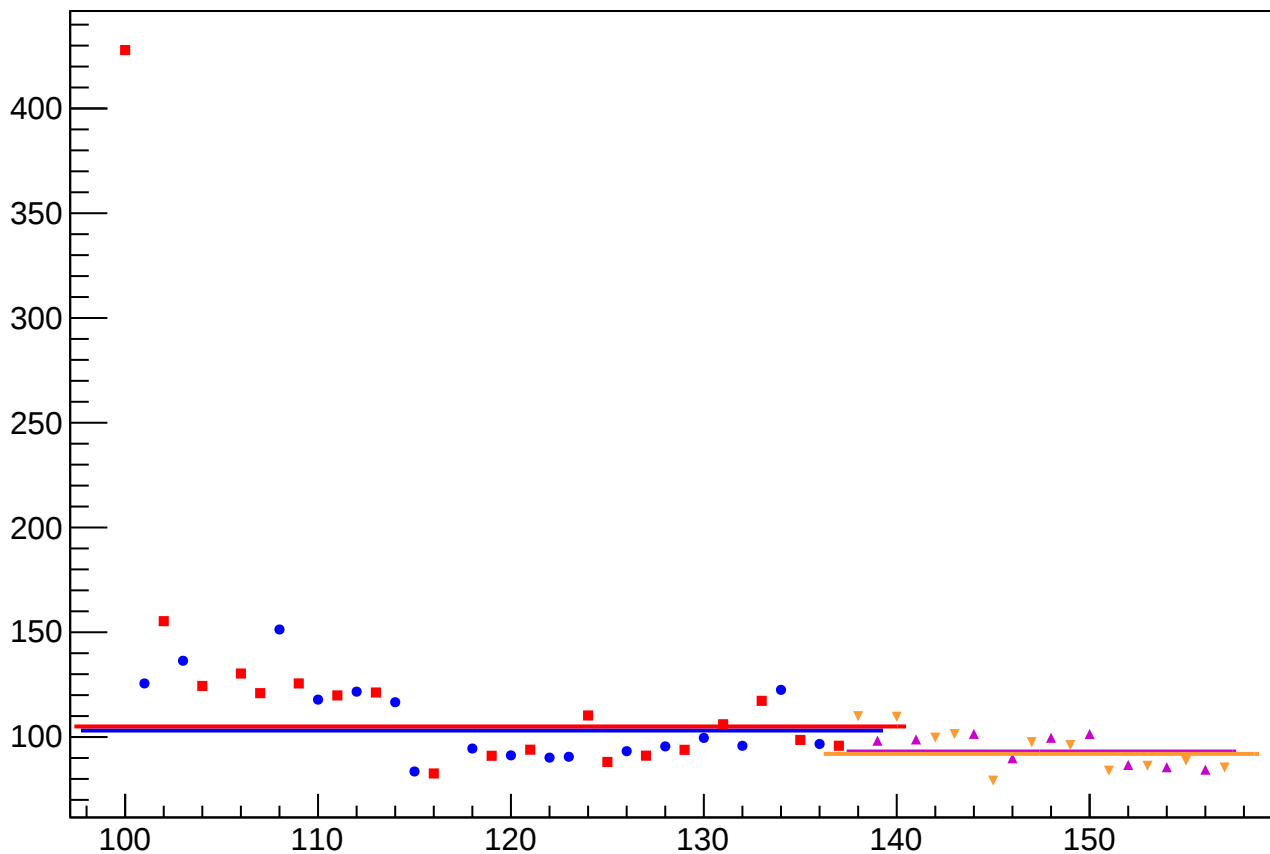
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 52.132 ± 26.146 χ^2/NDF : 28.0/25

Out: 73.178 ± 25.173 χ^2/NDF : 38.1/29

All: 63.054 ± 18.134 χ^2/NDF : 66.5/55

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: 91.954 $\pm$ 0.023 χ^2 /NDF:179375.2/10

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 93.080 $\pm$ 0.024 χ^2 /NDF:80831.4/8

Left: 92.482 $\pm$ 0.017 χ^2 /NDF: 261351.2/19

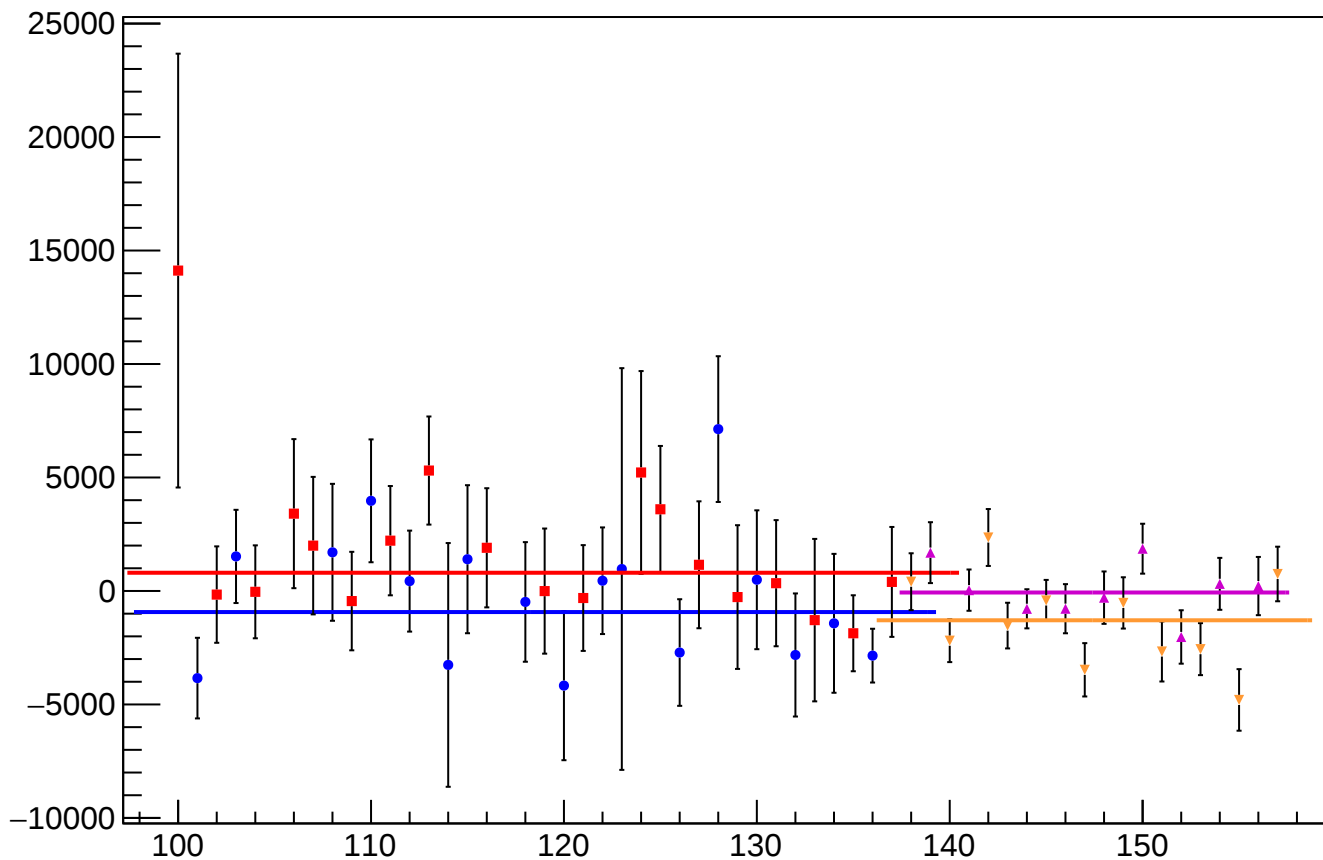
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 97.291 $\pm$ 0.018 χ^2 /NDF:458977.6/25

Out: 97.057 $\pm$ 0.018 χ^2 /NDF:756734.2/29

All: 97.169 $\pm$ 0.013 χ^2 /NDF: 1215794.6/55

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1291.321 $\pm$ 339.358 χ^2 /NDF:28.0/10

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -67.462 $\pm$ 361.917 χ^2 /NDF:8.9/8

Left: -718.720 $\pm$ 247.554 χ^2 /NDF: 43.0/19

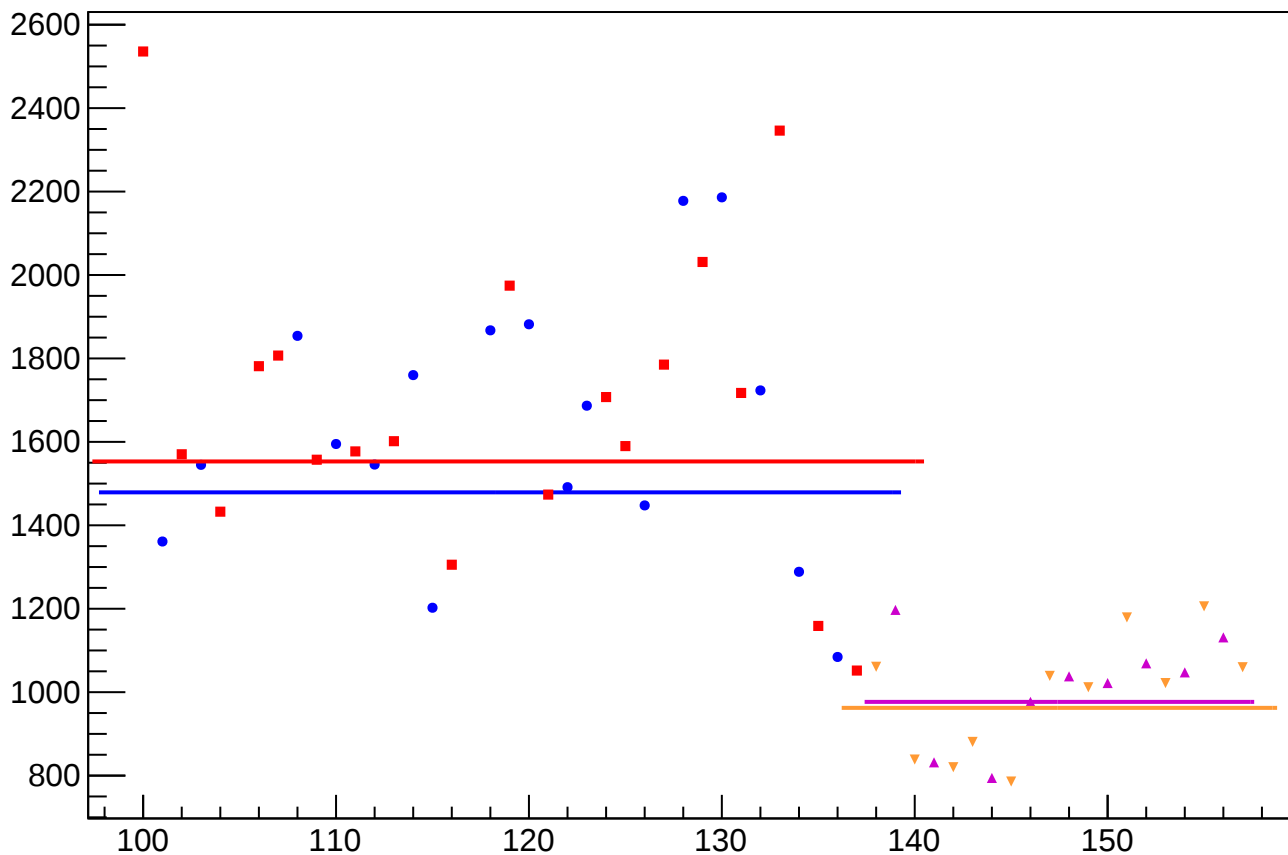
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -304.760 $\pm$ 308.064 χ^2 /NDF:31.3/25

Out: -775.745 $\pm$ 294.637 χ^2 /NDF:50.3/29

All: -550.739 $\pm$ 212.929 χ^2 /NDF: 82.8/55

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 962.404+/-0.240 χ^2/NDF : 310997.9/10

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 976.730+/-0.256 χ^2/NDF : 252310.1/8

Left: 969.107+/-0.175 χ^2/NDF : 564975.4/19

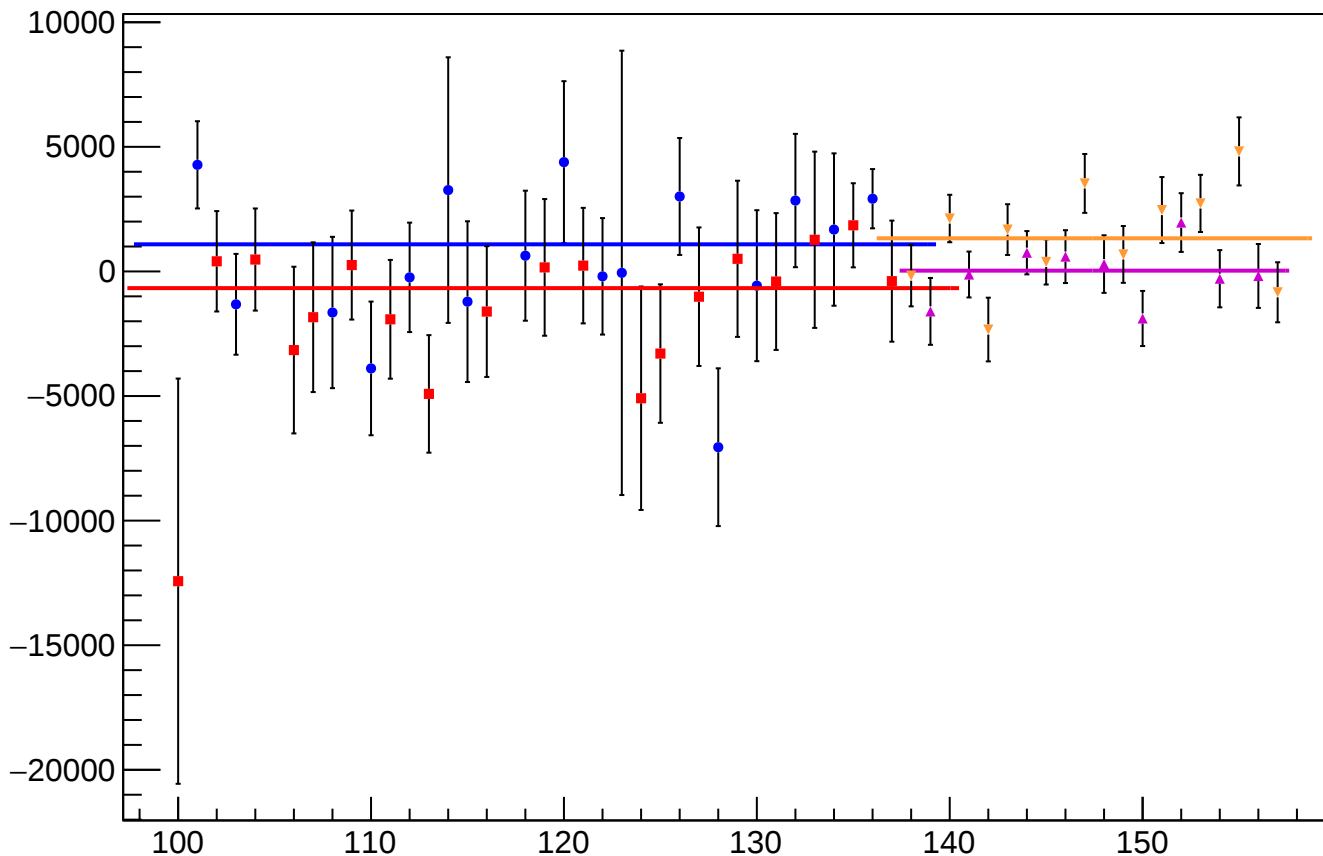
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1115.081+/-0.218 χ^2/NDF : 1902954.6/25

Out: 1107.825+/-0.208 χ^2/NDF : 2286486.6/29

All: 1111.291+/-0.151 χ^2/NDF : 4190020.7/55

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: 1329.383 $\pm$ 341.134 χ^2/NDF : 27.3/10

Right Out: -670.176 $\pm$ 589.991 χ^2/NDF : 12.0/18

Left In: 32.000 $\pm$ 362.664 χ^2/NDF : 8.3/8

Left: 720.342 $\pm$ 248.481 χ^2/NDF : 42.5/19

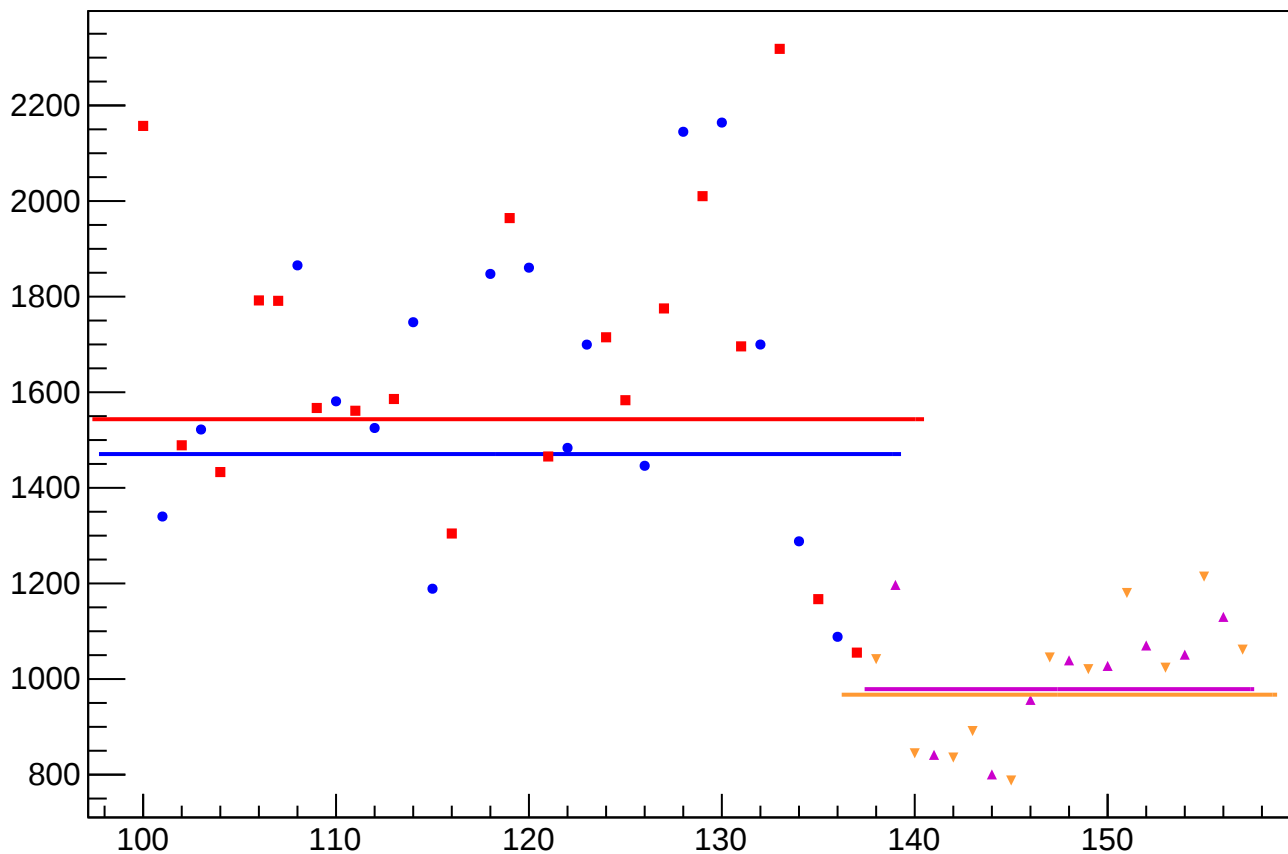
Right: 218.892 $\pm$ 414.810 χ^2/NDF : 38.4/35

In: 326.384 $\pm$ 307.992 χ^2/NDF : 32.5/25

Out: 828.387 $\pm$ 295.322 χ^2/NDF : 48.0/29

All: 587.923 $\pm$ 213.162 χ^2/NDF : 81.9/55

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 967.281 $\pm$ 0.241 χ^2 /NDF: 298303.6/10

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 978.896 $\pm$ 0.256 χ^2 /NDF: 239636.1/8

Left: 972.734 $\pm$ 0.176 χ^2 /NDF: 539028.2/19

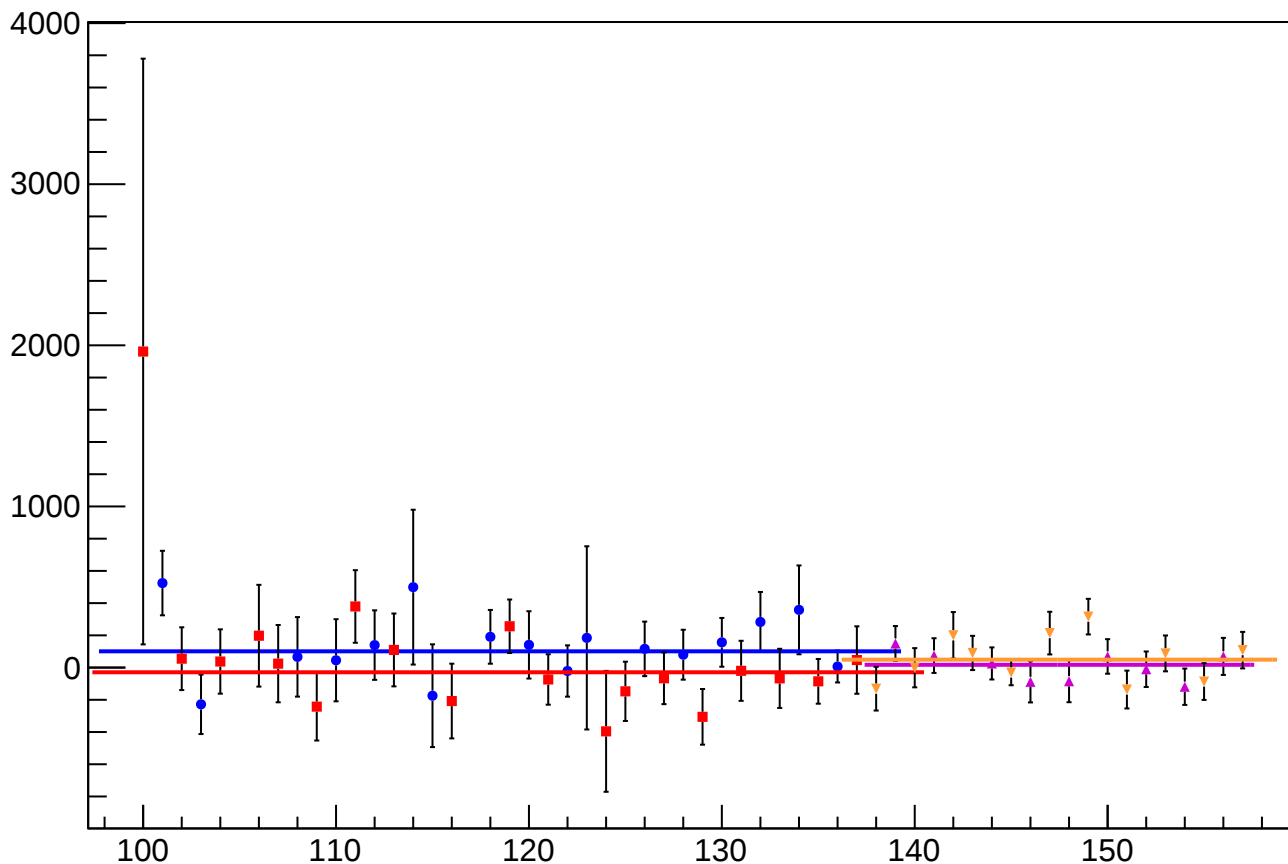
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1115.994 $\pm$ 0.218 χ^2 /NDF: 1832614.9/25

Out: 1111.677 $\pm$ 0.209 χ^2 /NDF: 2182730.5/29

All: 1113.745 $\pm$ 0.151 χ^2 /NDF: 4015550.2/55

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: 49.172 ± 33.979 $\chi^2/\text{NDF}: 15.9/10$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: 17.332 ± 37.365 $\chi^2/\text{NDF}: 5.0/8$

Left: 34.759 ± 25.139 $\chi^2/\text{NDF}: 21.3/19$

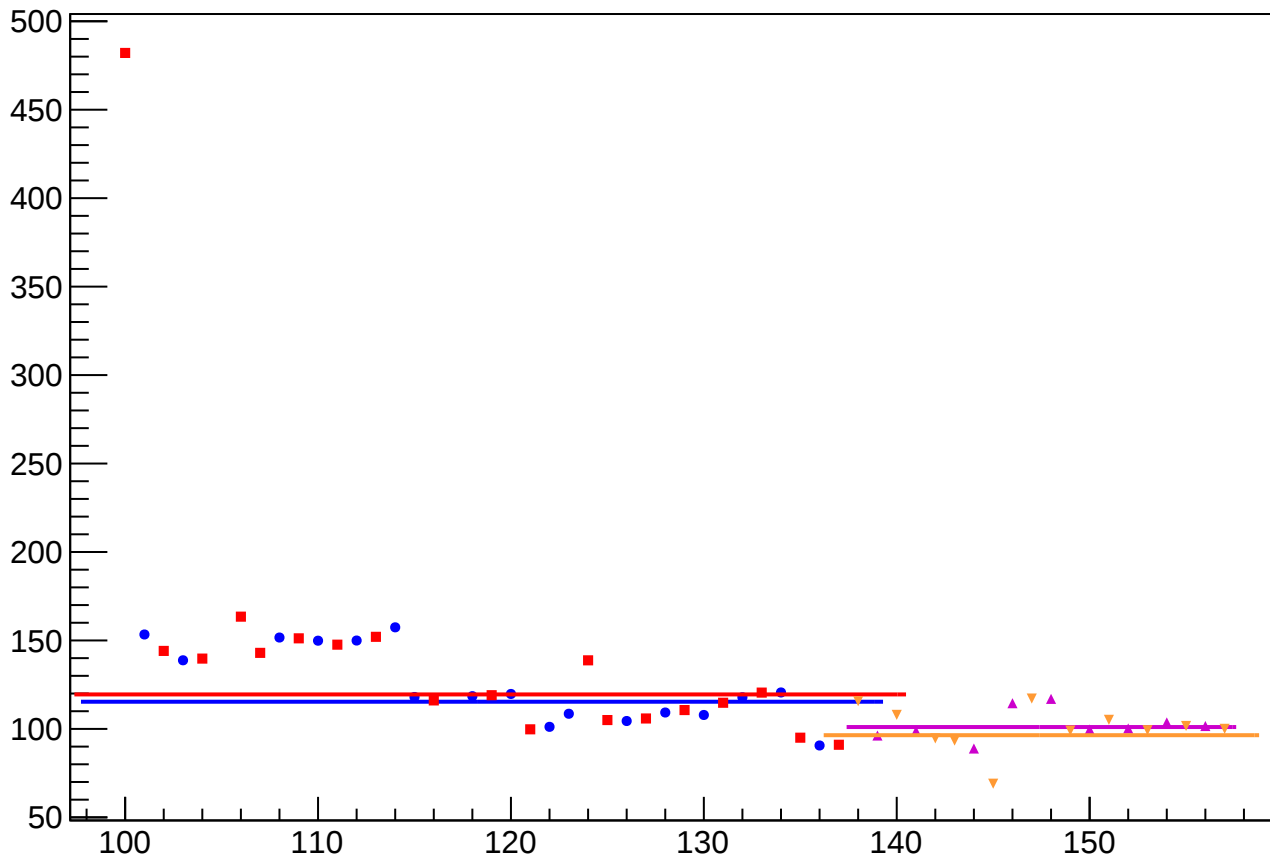
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 51.189 ± 28.820 $\chi^2/\text{NDF}: 20.1/25$

Out: 21.284 ± 27.267 $\chi^2/\text{NDF}: 32.5/29$

All: 35.409 ± 19.807 $\chi^2/\text{NDF}: 53.2/55$

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: 96.447 $\pm$ 0.024 χ^2 /NDF: 369917.3/10

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.058 $\pm$ 0.026 χ^2 /NDF: 88268.7/8

Left: 98.534 $\pm$ 0.018 χ^2 /NDF: 474858.6/19

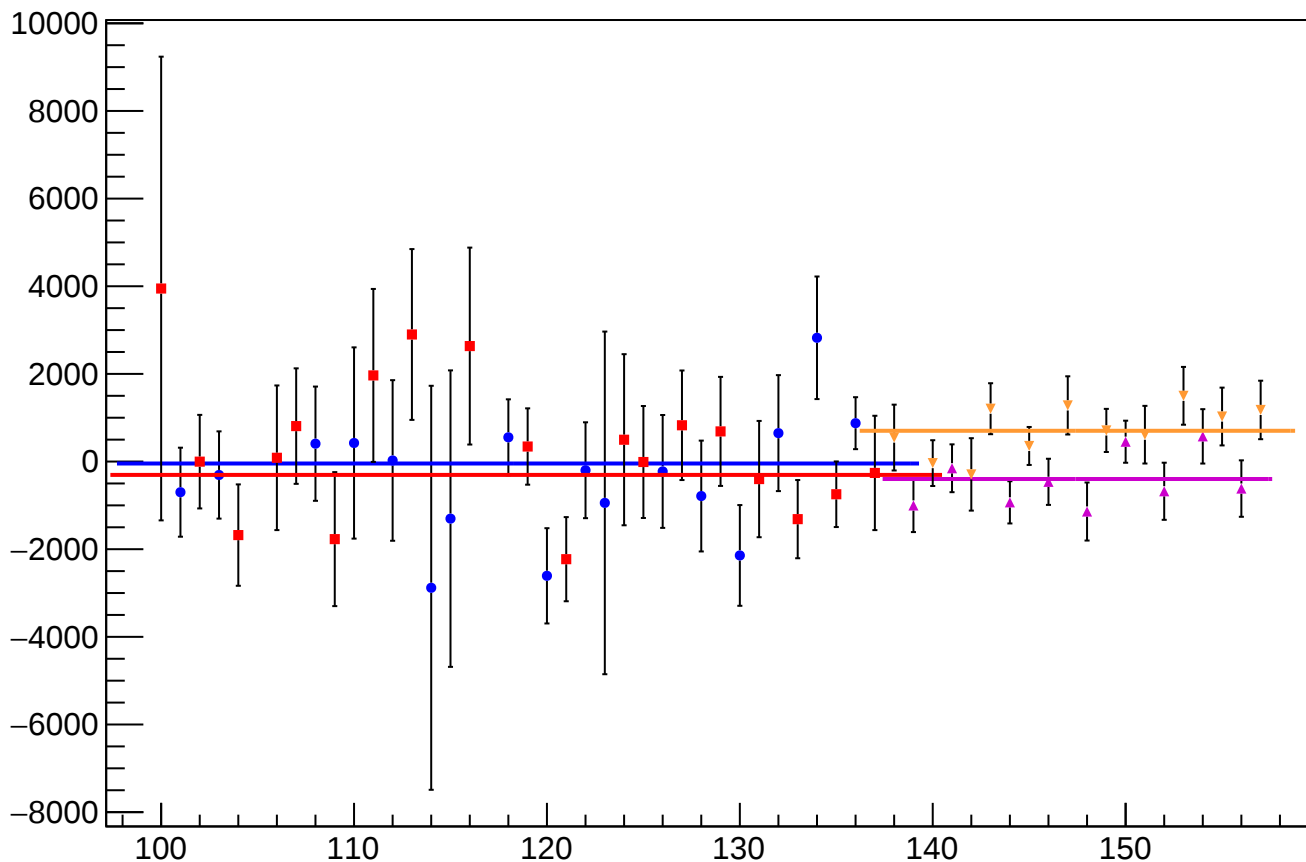
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 106.854 $\pm$ 0.020 χ^2 /NDF: 618422.6/25

Out: 104.652 $\pm$ 0.019 χ^2 /NDF: 1175437.6/29

All: 105.692 $\pm$ 0.014 χ^2 /NDF: 1800018.7/55

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: 702.026 ± 180.371 $\chi^2/\text{NDF}: 7.9/10$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -398.310 ± 189.055 $\chi^2/\text{NDF}: 9.6/8$

Left: 177.709 ± 130.504 $\chi^2/\text{NDF}: 35.2/19$

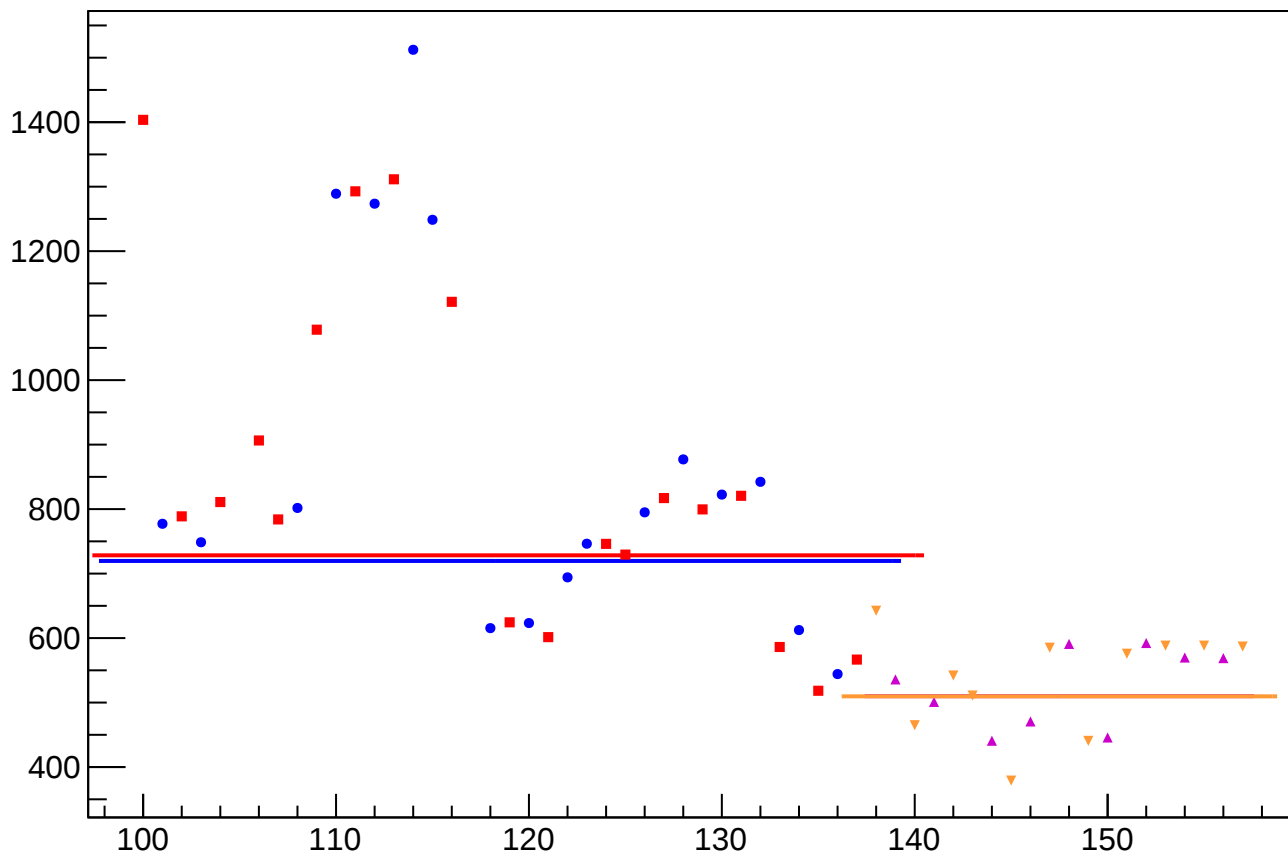
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -290.885 ± 157.760 $\chi^2/\text{NDF}: 28.5/25$

Out: 410.755 ± 152.058 $\chi^2/\text{NDF}: 34.3/29$

All: 72.842 ± 109.482 $\chi^2/\text{NDF}: 73.1/55$

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: 509.665 $\pm$ 0.128 χ^2 /NDF: 431216.9/10

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 509.937 $\pm$ 0.134 χ^2 /NDF: 189450.0/8

Left: 509.794 $\pm$ 0.092 χ^2 /NDF: 620669.1/19

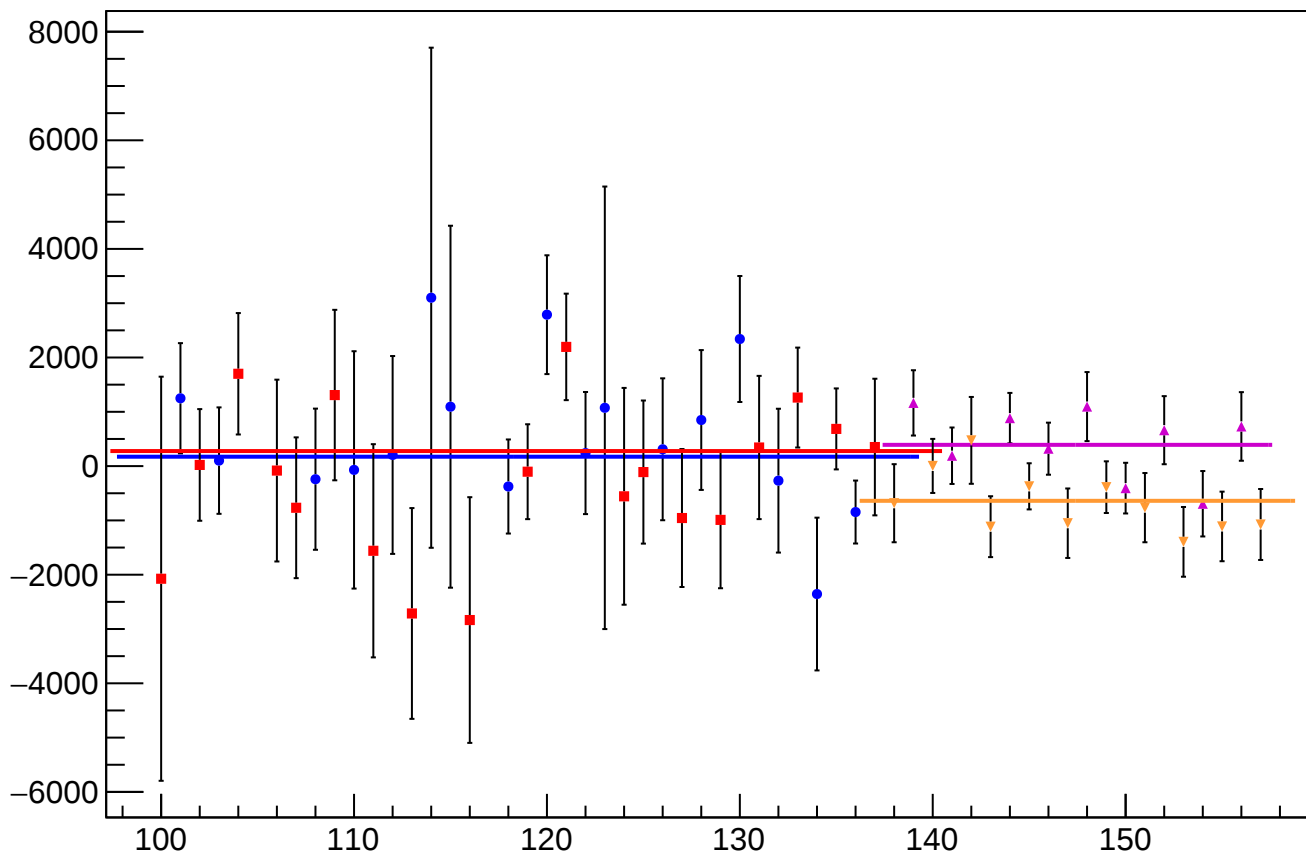
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 573.606 $\pm$ 0.112 χ^2 /NDF: 1683398.7/25

Out: 572.924 $\pm$ 0.108 χ^2 /NDF: 2195246.5/29

All: 573.253 $\pm$ 0.077 χ^2 /NDF: 3878664.5/55

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: -639.213 $\pm$ 174.672 χ^2 /NDF:7.8/10

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 391.561 $\pm$ 181.582 χ^2 /NDF:10.8/8

Left: -143.813 $\pm$ 125.884 χ^2 /NDF: 35.4/19

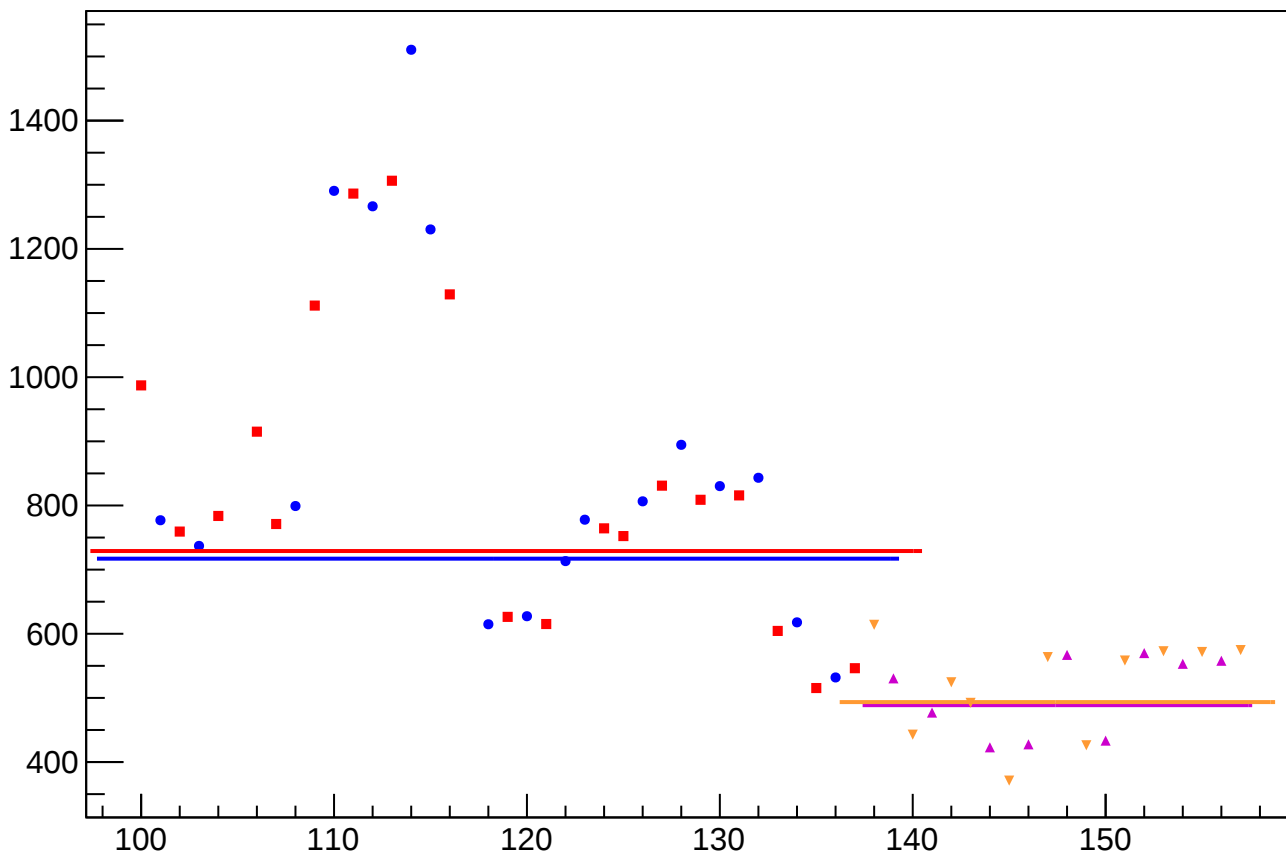
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 328.720 $\pm$ 153.245 χ^2 /NDF:29.3/25

Out: -386.069 $\pm$ 148.599 χ^2 /NDF:31.5/29

All: -39.673 $\pm$ 106.680 χ^2 /NDF: 72.0/55

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 493.501+/-0.124 χ^2/NDF : 421685.6/10

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 488.700+/-0.128 χ^2/NDF : 222137.0/8

Left: 491.194+/-0.089 χ^2/NDF : 644548.6/19

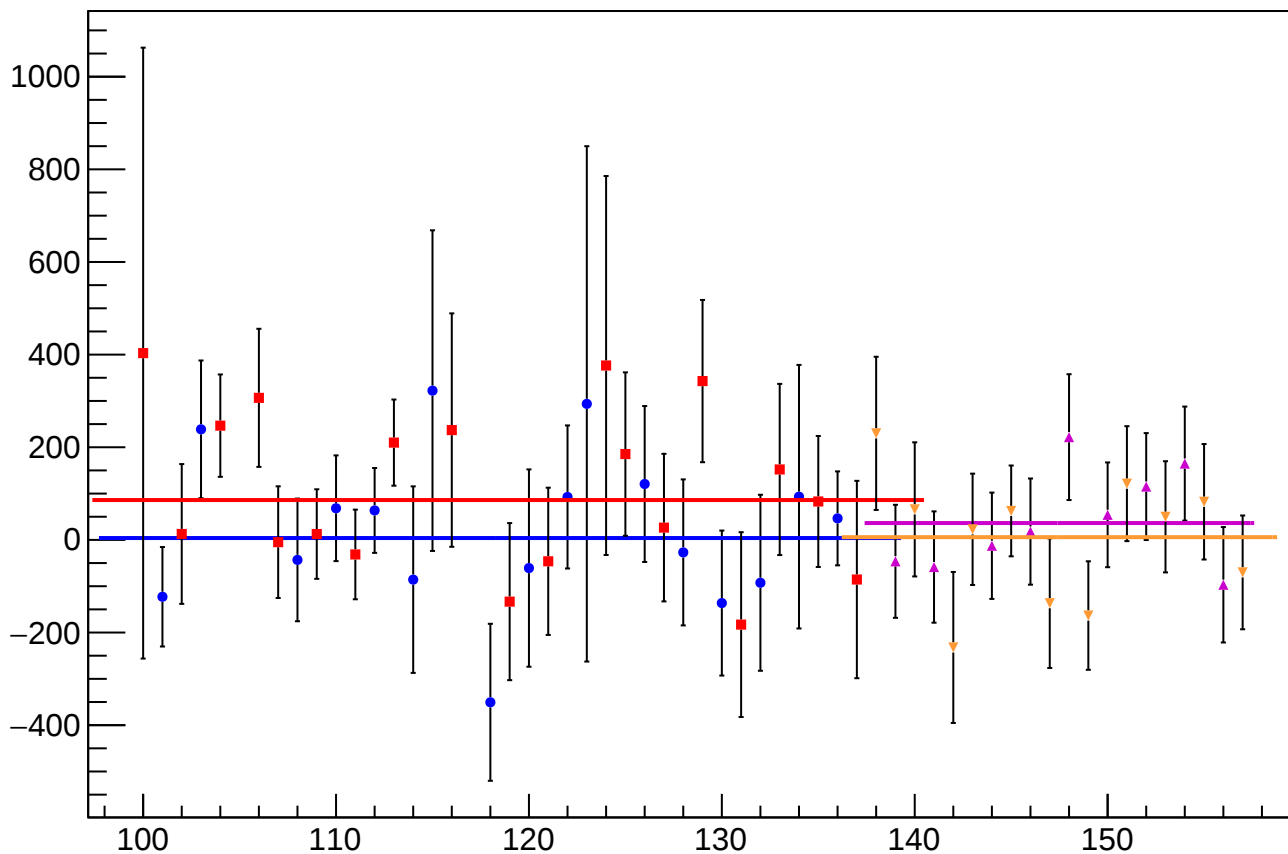
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 554.420+/-0.108 χ^2/NDF : 1915009.7/25

Out: 558.555+/-0.105 χ^2/NDF : 2316623.4/29

All: 556.551+/-0.075 χ^2/NDF : 4232383.2/55

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: 5.881 ± 38.229 $\chi^2/\text{NDF}: 9.4/10$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 36.370 ± 39.958 $\chi^2/\text{NDF}: 5.9/8$

Left: 20.452 ± 27.623 $\chi^2/\text{NDF}: 15.6/19$

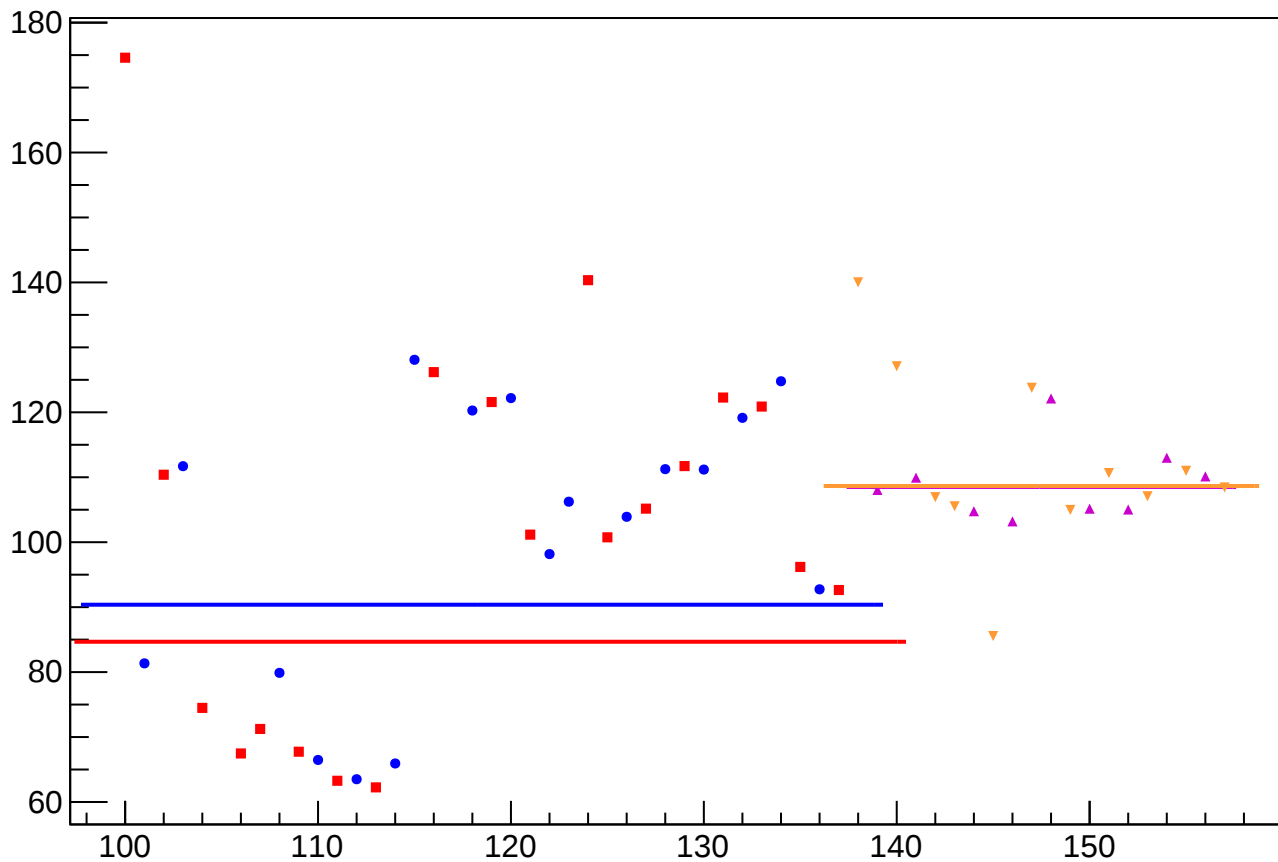
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 18.487 ± 26.726 $\chi^2/\text{NDF}: 19.0/25$

Out: 51.364 ± 25.140 $\chi^2/\text{NDF}: 29.5/29$

All: 35.930 ± 18.311 $\chi^2/\text{NDF}: 49.2/55$

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: 108.657 $\pm$ 0.027 χ^2 /NDF: 243934.1/10

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 108.507 $\pm$ 0.028 χ^2 /NDF: 33410.6/8

Left: 108.585 $\pm$ 0.020 χ^2 /NDF: 277359.5/19

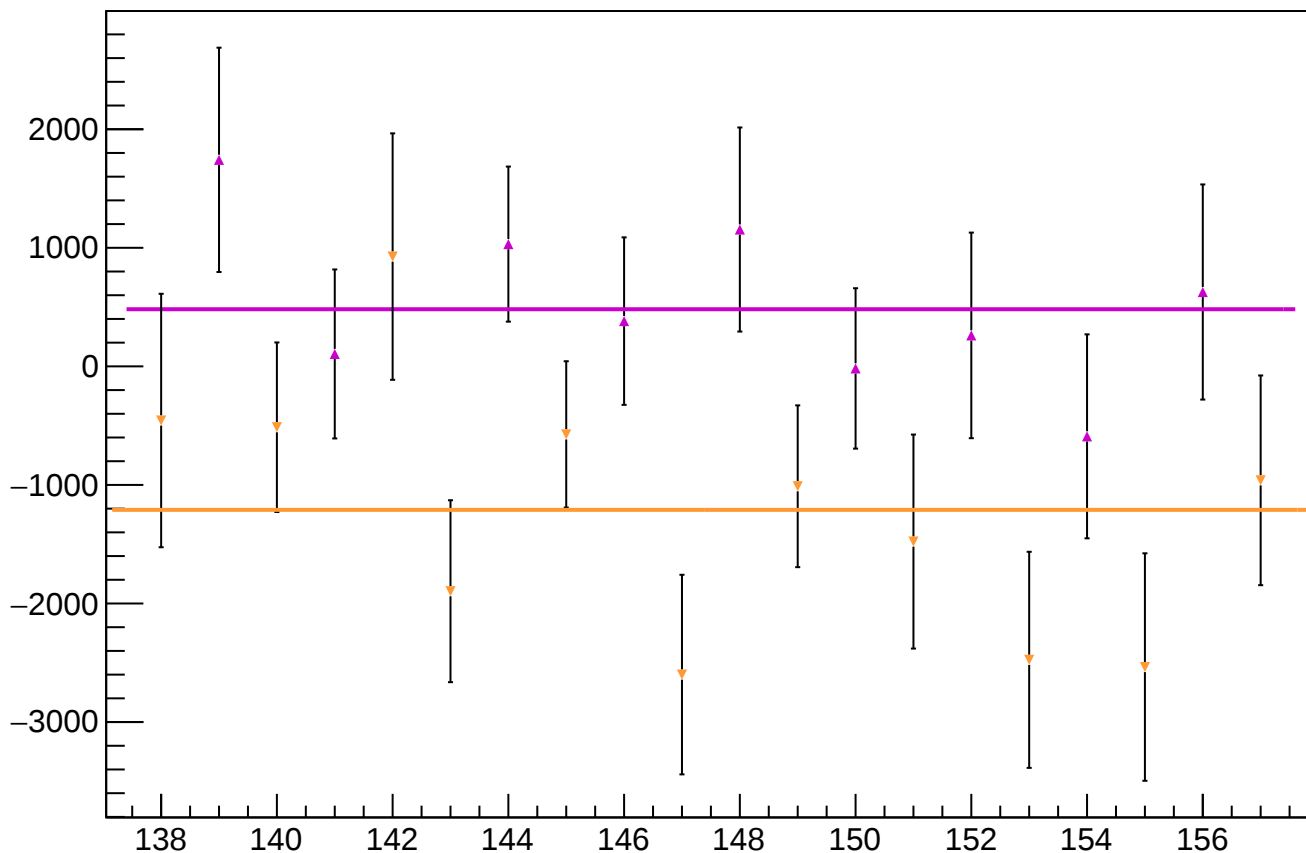
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 98.486 $\pm$ 0.019 χ^2 /NDF: 915134.8/25

Out: 95.045 $\pm$ 0.018 χ^2 /NDF: 1598839.2/29

All: 96.660 $\pm$ 0.013 χ^2 /NDF: 2531570.3/55

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1210.225+/-246.629 χ^2/NDF :14.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 481.886+/-259.410 χ^2/NDF :5.6/8

Left: -406.883+/-178.741 χ^2/NDF : 42.3/19

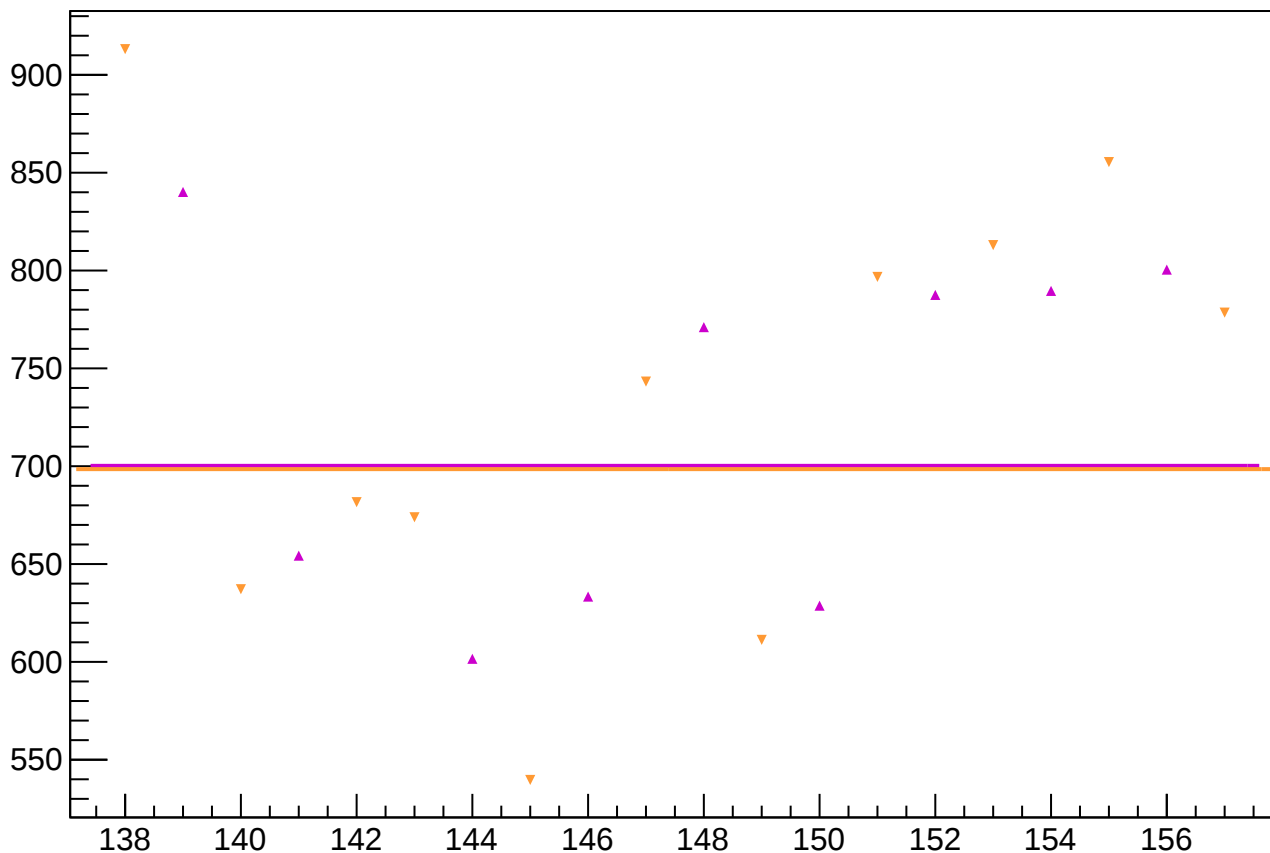
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.886+/-259.410 χ^2/NDF :5.6/8

Out: -1210.225+/-246.629 χ^2/NDF :14.4/10

All: -406.883+/-178.741 χ^2/NDF : 42.3/19

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 698.507+/-0.174 χ^2/NDF :394038.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 700.188+/-0.183 χ^2/NDF :217671.7/8

Left: 699.305+/-0.126 χ^2/NDF : 611754.5/19

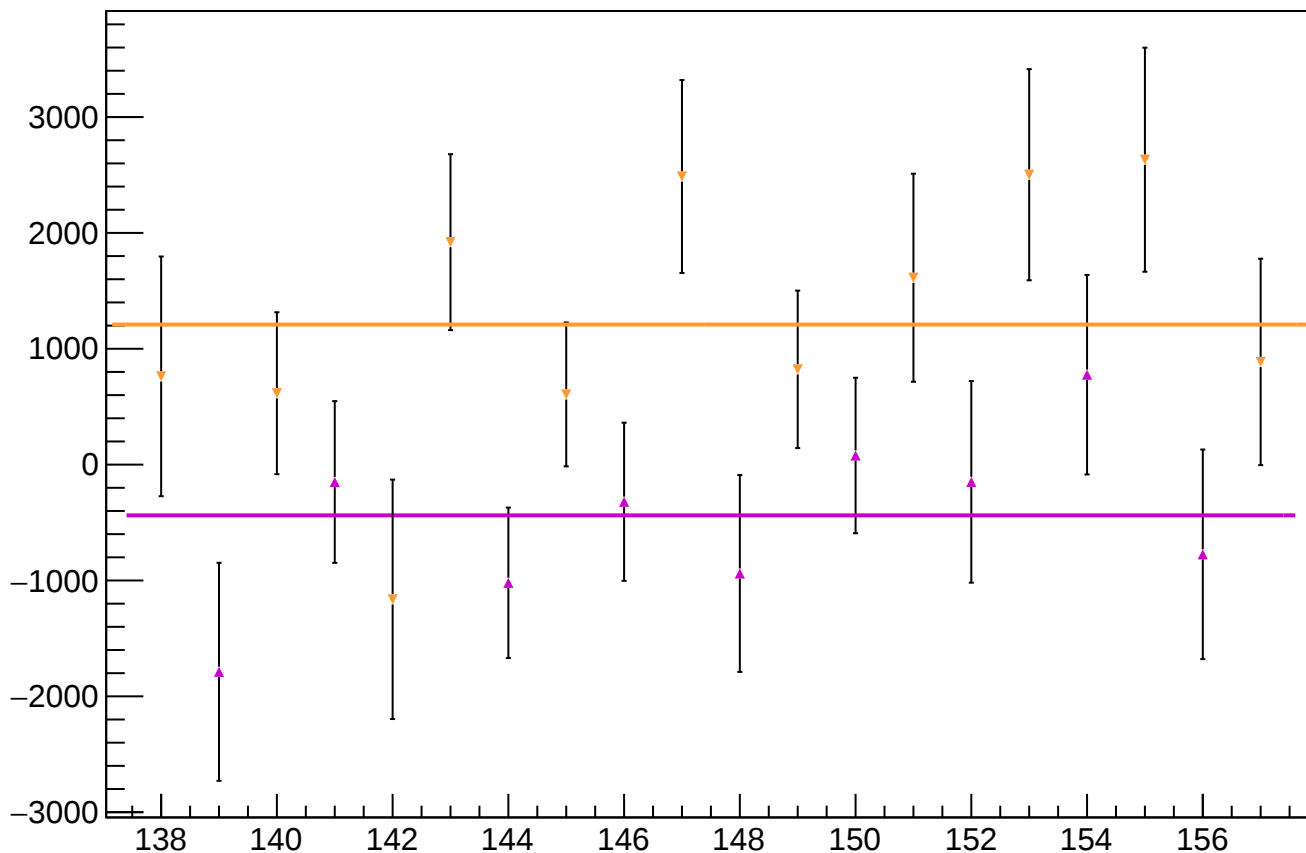
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 700.188+/-0.183 χ^2/NDF :217671.7/8

Out: 698.507+/-0.174 χ^2/NDF :394038.7/10

All: 699.305+/-0.126 χ^2/NDF : 611754.5/19

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1208.855+/-245.237 χ^2/NDF :15.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -438.031+/-256.508 χ^2/NDF :6.2/8

Left: 422.390+/-177.259 χ^2/NDF : 43.0/19

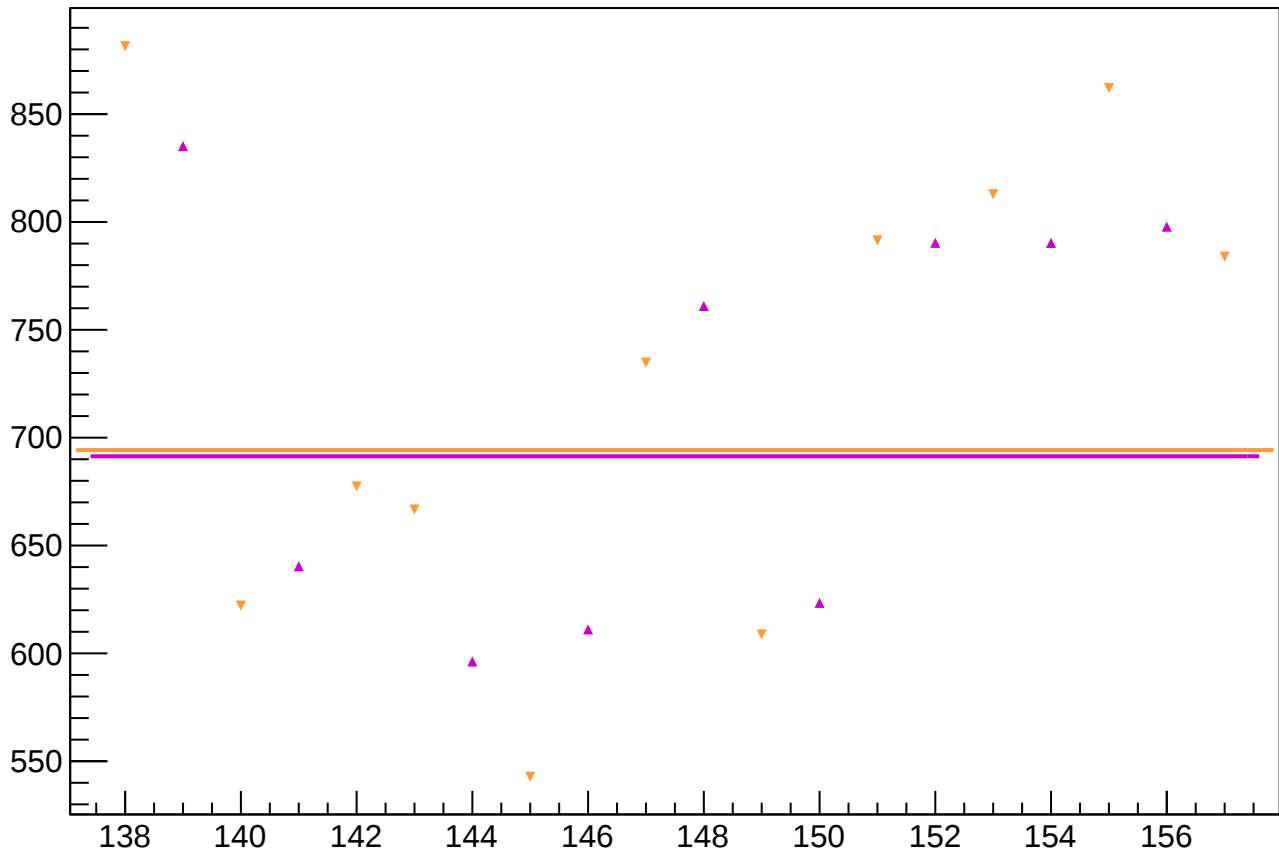
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -438.031+/-256.508 χ^2/NDF :6.2/8

Out: 1208.855+/-245.237 χ^2/NDF :15.2/10

All: 422.390+/-177.259 χ^2/NDF : 43.0/19

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 694.251+/-0.173 χ^2/NDF :383228.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 691.366+/-0.181 χ^2/NDF :241901.6/8

Left: 692.873+/-0.125 χ^2/NDF : 625262.3/19

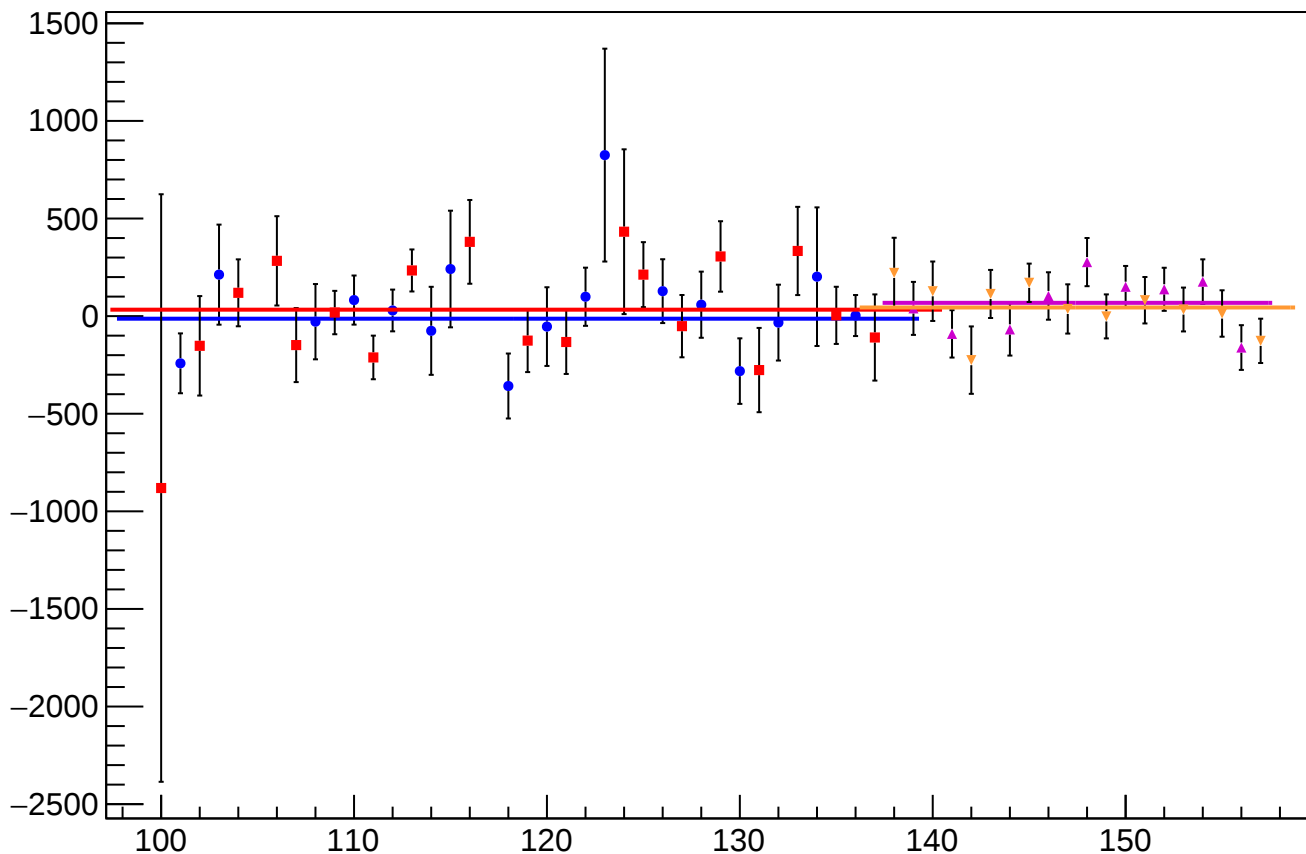
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 691.366+/-0.181 χ^2/NDF :241901.6/8

Out: 694.251+/-0.173 χ^2/NDF :383228.5/10

All: 692.873+/-0.125 χ^2/NDF : 625262.3/19

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 44.223 ± 37.348 χ^2/NDF : 8.3/10

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 68.048 ± 39.713 χ^2/NDF : 11.6/8

Left: 55.405 ± 27.207 χ^2/NDF : 20.1/19

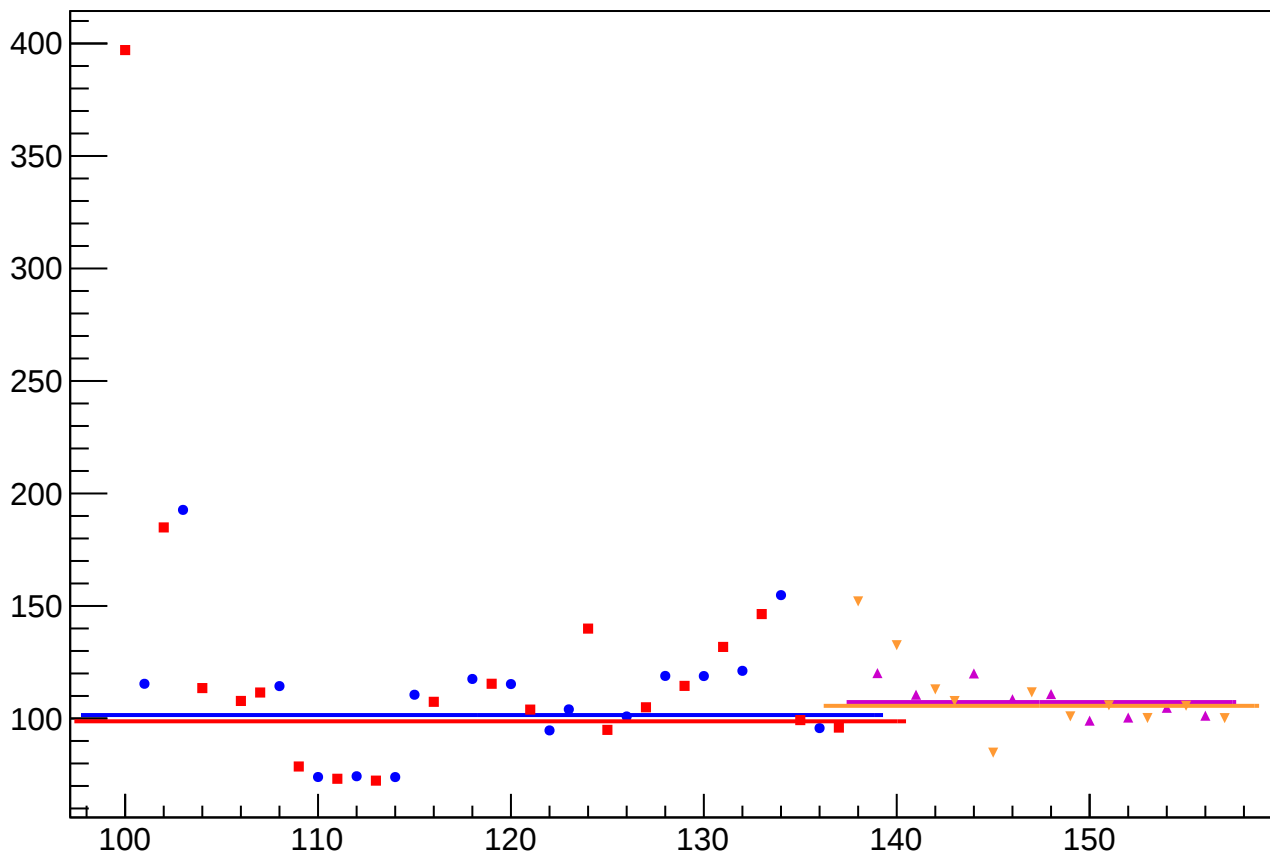
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 28.268 ± 28.374 χ^2/NDF : 29.4/25

Out: 38.850 ± 26.934 χ^2/NDF : 33.4/29

All: 33.834 ± 19.534 χ^2/NDF : 62.8/55

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: 105.613 $\pm$ 0.026 χ^2 /NDF: 306849.9/10

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 107.293 $\pm$ 0.028 χ^2 /NDF: 65664.2/8

Left: 106.401 $\pm$ 0.019 χ^2 /NDF: 374412.8/19

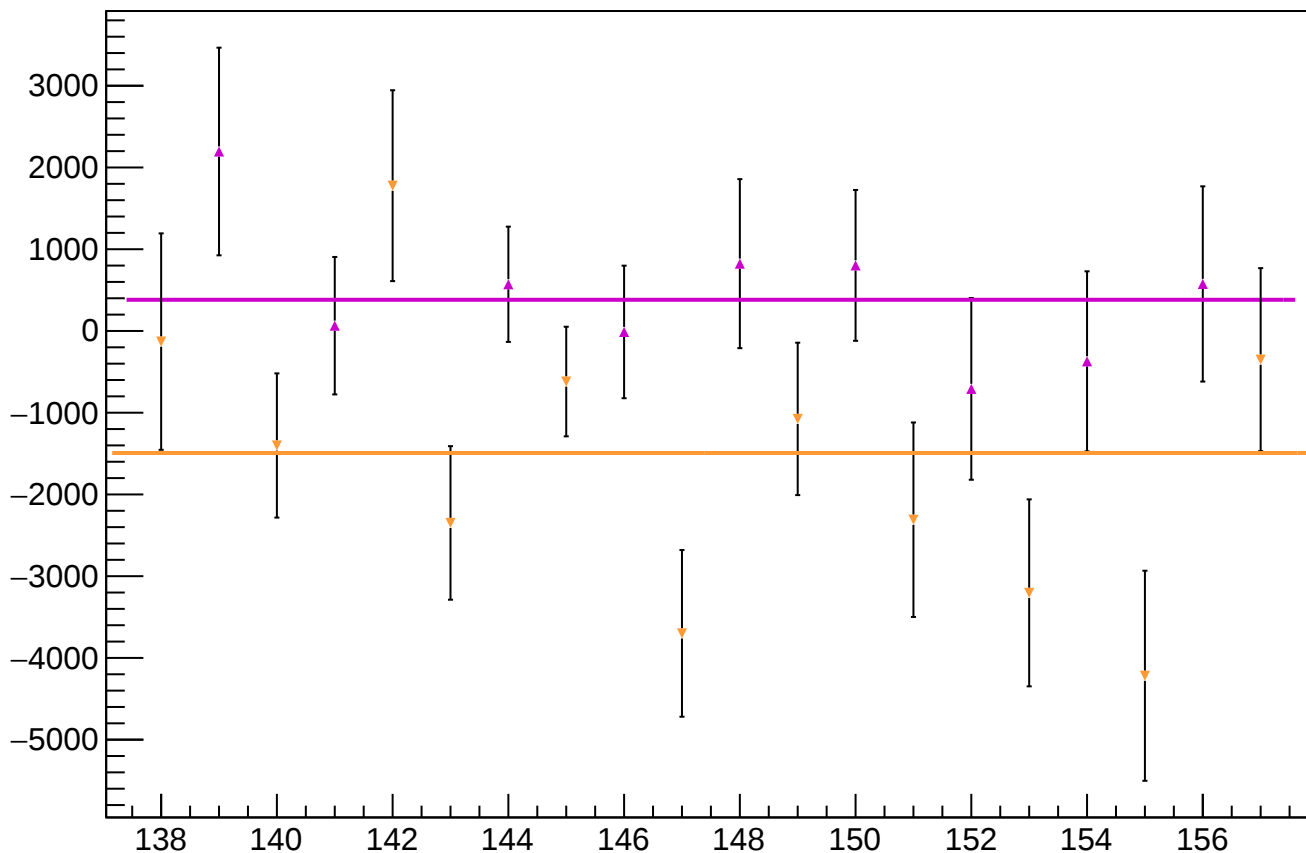
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.466 $\pm$ 0.020 χ^2 /NDF: 768071.6/25

Out: 102.312 $\pm$ 0.019 χ^2 /NDF: 1165027.2/29

All: 103.333 $\pm$ 0.014 χ^2 /NDF: 1939161.9/55

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1492.819+/-302.431 χ^2/NDF : 24.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.534+/-316.030 χ^2/NDF : 4.3/8

Left: -596.837+/-218.500 χ^2/NDF : 47.3/19

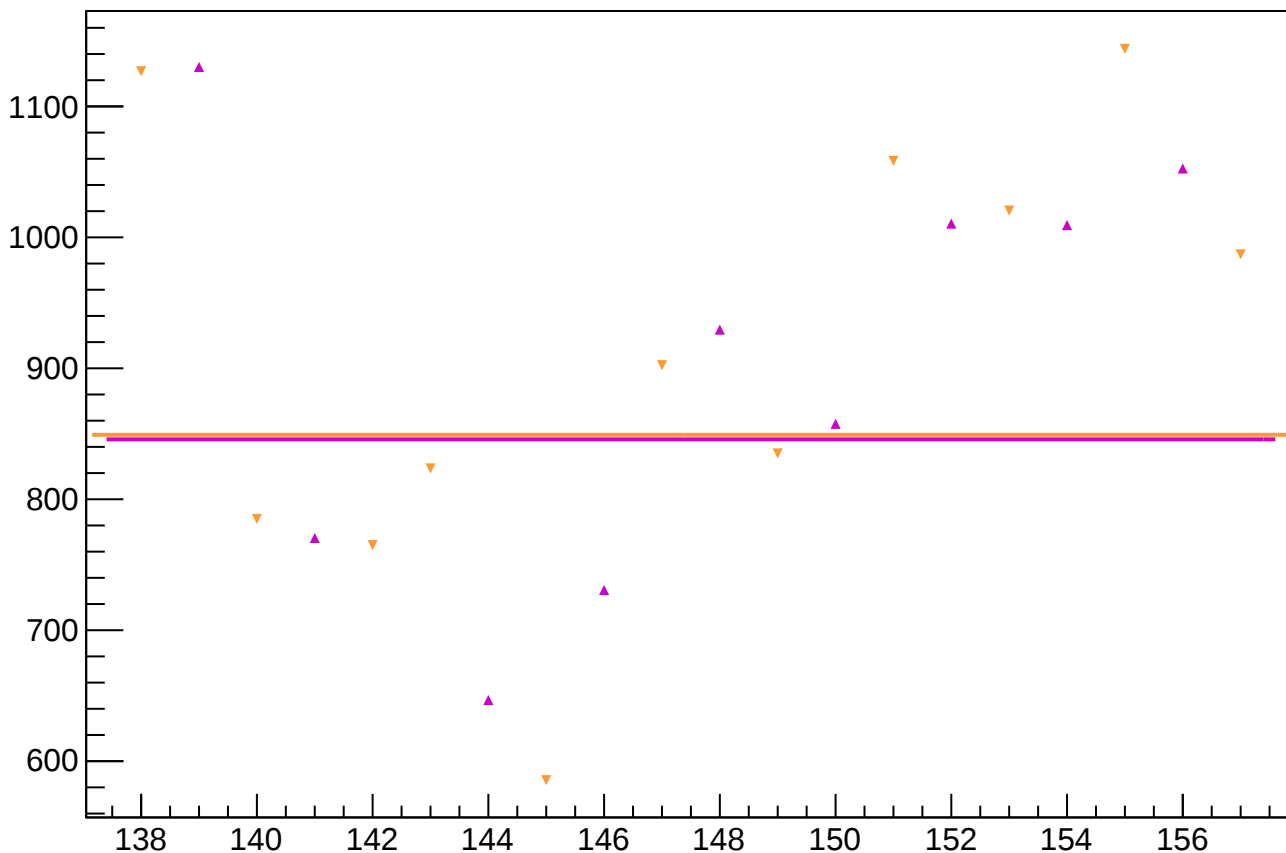
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.534+/-316.030 χ^2/NDF : 4.3/8

Out: -1492.819+/-302.431 χ^2/NDF : 24.6/10

All: -596.837+/-218.500 χ^2/NDF : 47.3/19

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 849.244+/-0.214 χ^2/NDF : 667896.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 845.747+/-0.223 χ^2/NDF : 477504.7/8

Left: 847.572+/-0.155 χ^2/NDF : 1145528.5/19

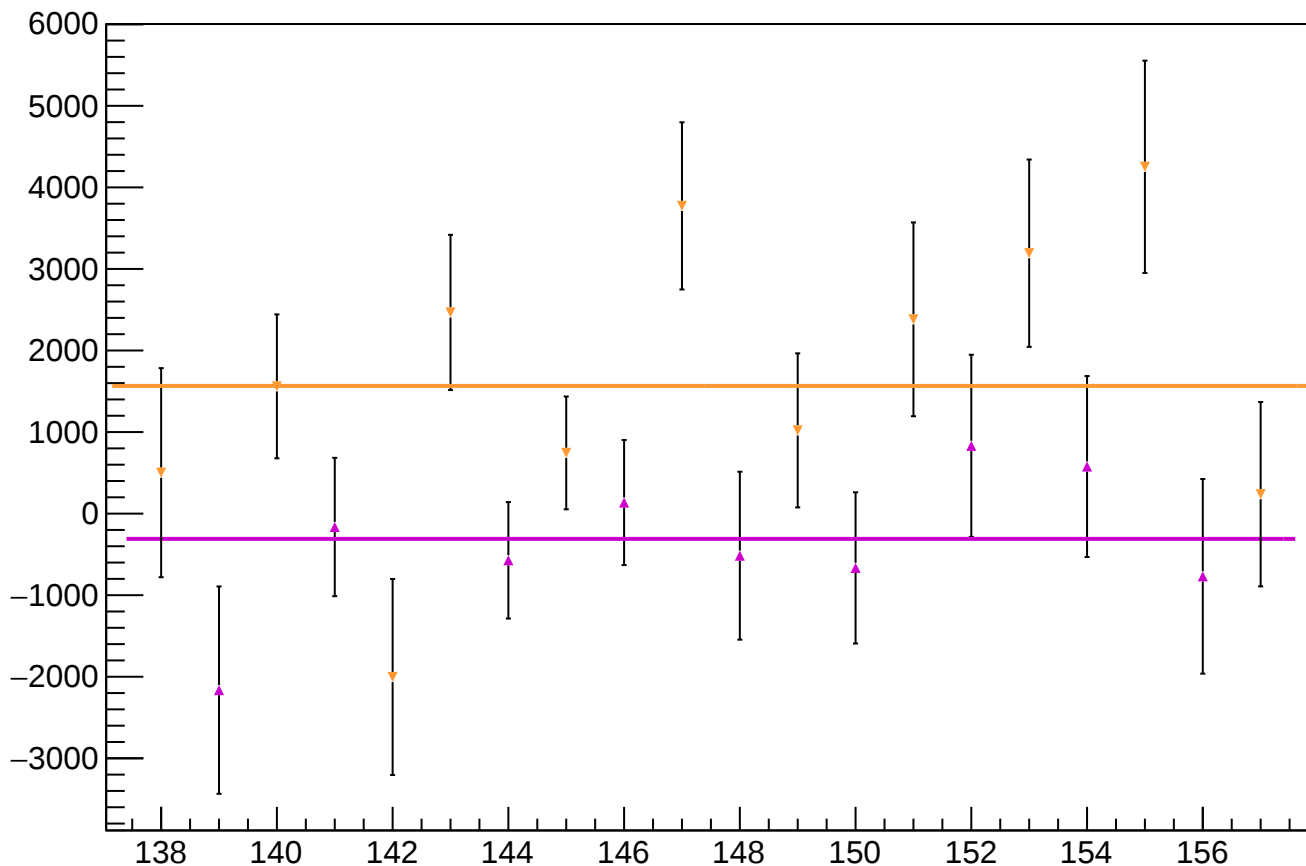
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 845.747+/-0.223 χ^2/NDF : 477504.7/8

Out: 849.244+/-0.214 χ^2/NDF : 667896.0/10

All: 847.572+/-0.155 χ^2/NDF : 1145528.5/19

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1565.900+/-305.804 χ^2/NDF :24.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -309.481+/-314.754 χ^2/NDF :4.6/8

Left: 655.252+/-219.332 χ^2/NDF : 47.8/19

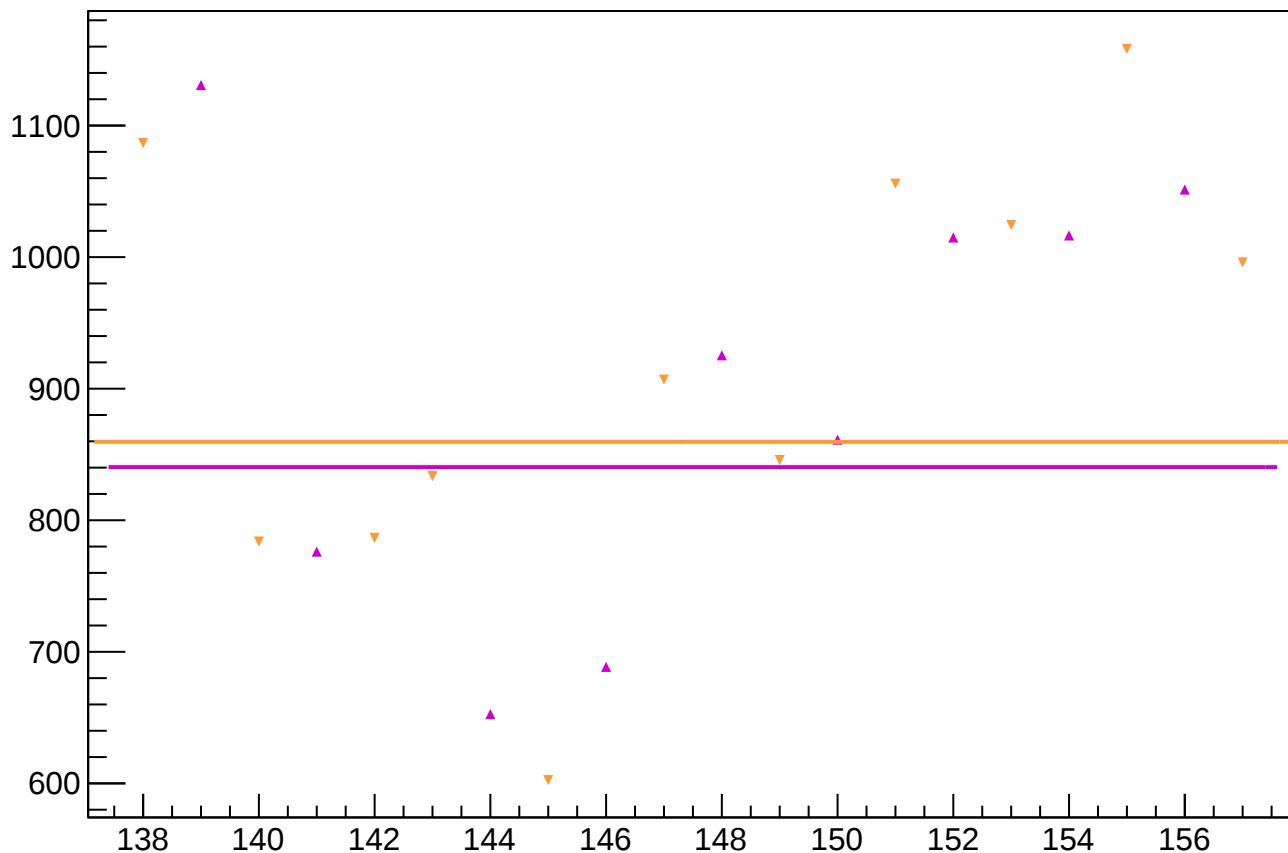
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -309.481+/-314.754 χ^2/NDF :4.6/8

Out: 1565.900+/-305.804 χ^2/NDF :24.9/10

All: 655.252+/-219.332 χ^2/NDF : 47.8/19

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 859.625+/-0.216 χ^2/NDF : 597870.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 840.364+/-0.223 χ^2/NDF : 508851.3/8

Left: 850.272+/-0.155 χ^2/NDF : 1110574.3/19

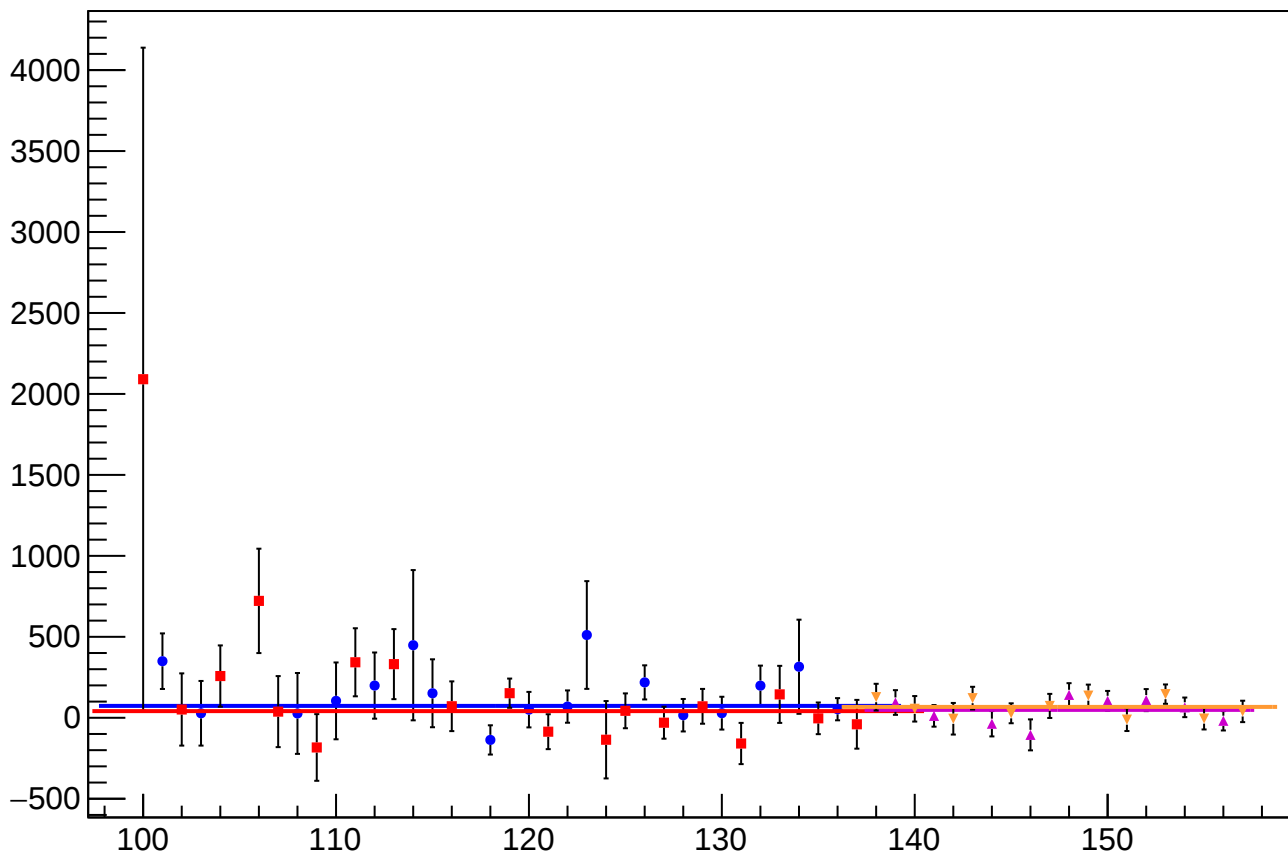
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 840.364+/-0.223 χ^2/NDF : 508851.3/8

Out: 859.625+/-0.216 χ^2/NDF : 597870.3/10

All: 850.272+/-0.155 χ^2/NDF : 1110574.3/19

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 67.163+/-21.278 χ^2/NDF : 7.5/10

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 48.778+/-22.983 χ^2/NDF : 9.0/8

Left: 58.678+/-15.614 χ^2/NDF : 16.9/19

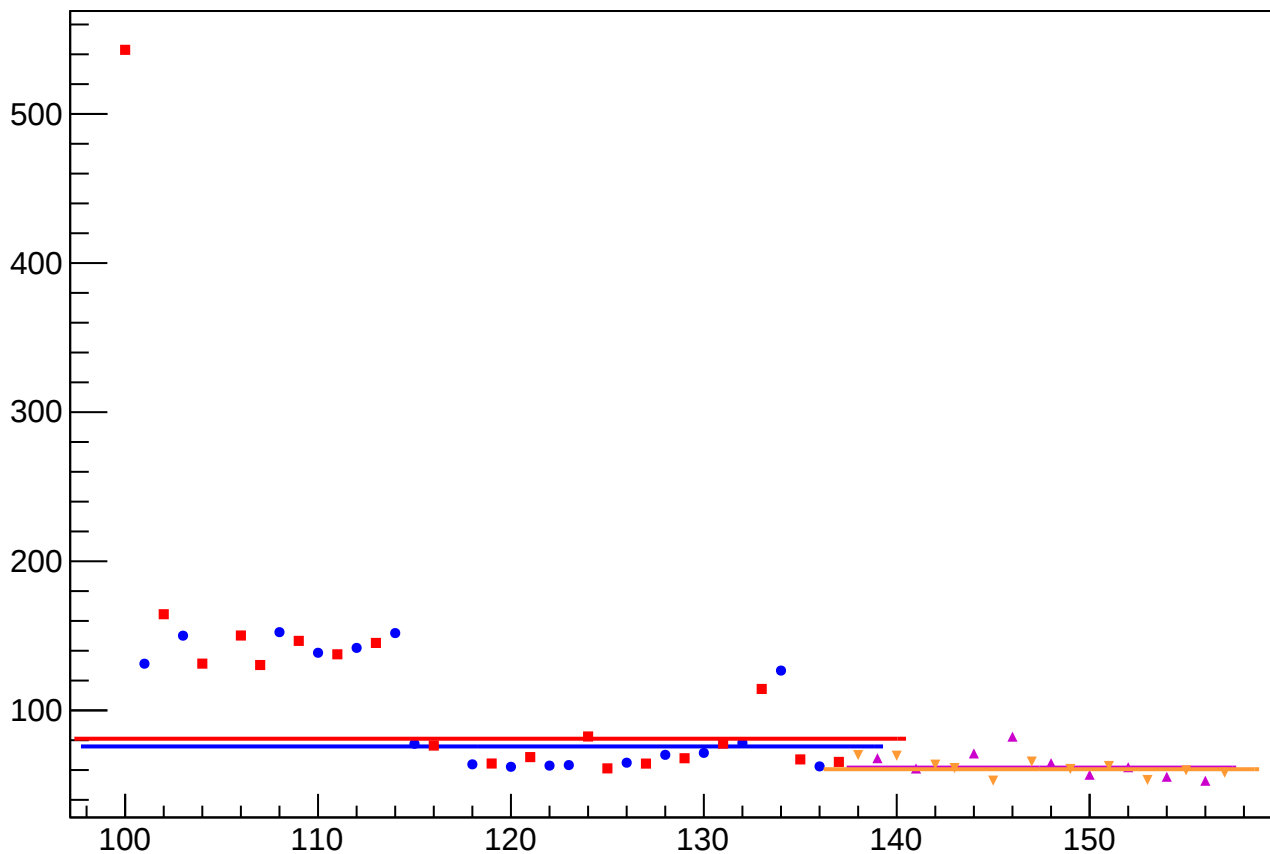
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 57.506+/-18.475 χ^2/NDF : 24.7/25

Out: 59.429+/-17.841 χ^2/NDF : 27.1/29

All: 58.501+/-12.834 χ^2/NDF : 51.9/55

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2/NDF : 1349961.8/16

Left Out: 60.544 $\pm$ 0.015 χ^2/NDF : 129404.7/10

Right Out: 80.999 $\pm$ 0.023 χ^2/NDF : 1627899.8/18

Left In: 61.633 $\pm$ 0.016 χ^2/NDF : 216768.4/8

Left: 61.046 $\pm$ 0.011 χ^2/NDF : 348591.7/19

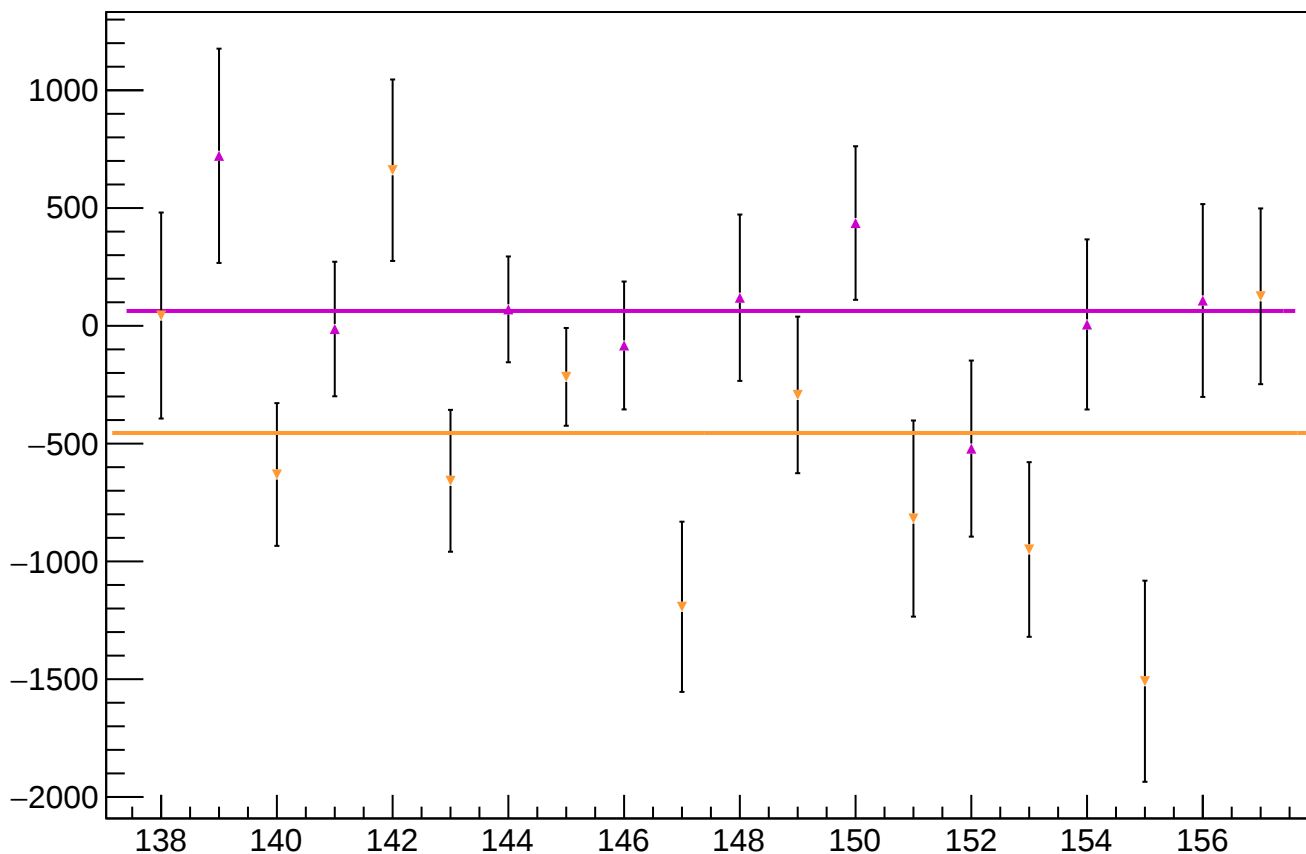
Right: 78.273 $\pm$ 0.016 χ^2/NDF : 3004207.0/35

In: 66.652 $\pm$ 0.013 χ^2/NDF : 1836354.9/25

Out: 66.618 $\pm$ 0.013 χ^2/NDF : 2306188.2/29

All: 66.634 $\pm$ 0.009 χ^2/NDF : 4142546.6/55

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -454.851+/-100.225 χ^2/NDF :27.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 63.102+/-106.162 χ^2/NDF :6.3/8

Left: -210.764+/-72.878 χ^2/NDF : 46.1/19

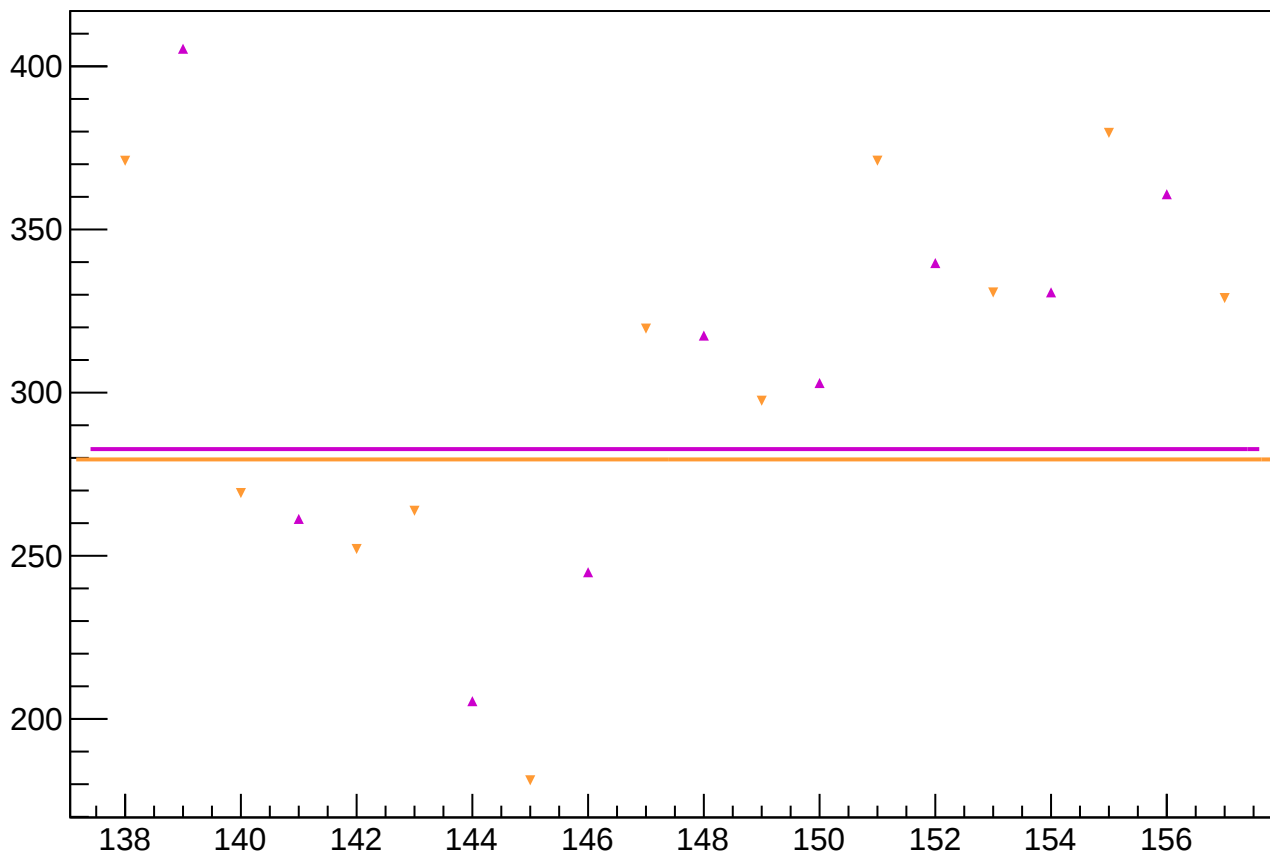
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.102+/-106.162 χ^2/NDF :6.3/8

Out: -454.851+/-100.225 χ^2/NDF :27.3/10

All: -210.764+/-72.878 χ^2/NDF : 46.1/19

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.531+/-0.071 χ^2/NDF :865022.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 282.696+/-0.075 χ^2/NDF :613992.7/8

Left: 281.022+/-0.052 χ^2/NDF : 1479954.8/19

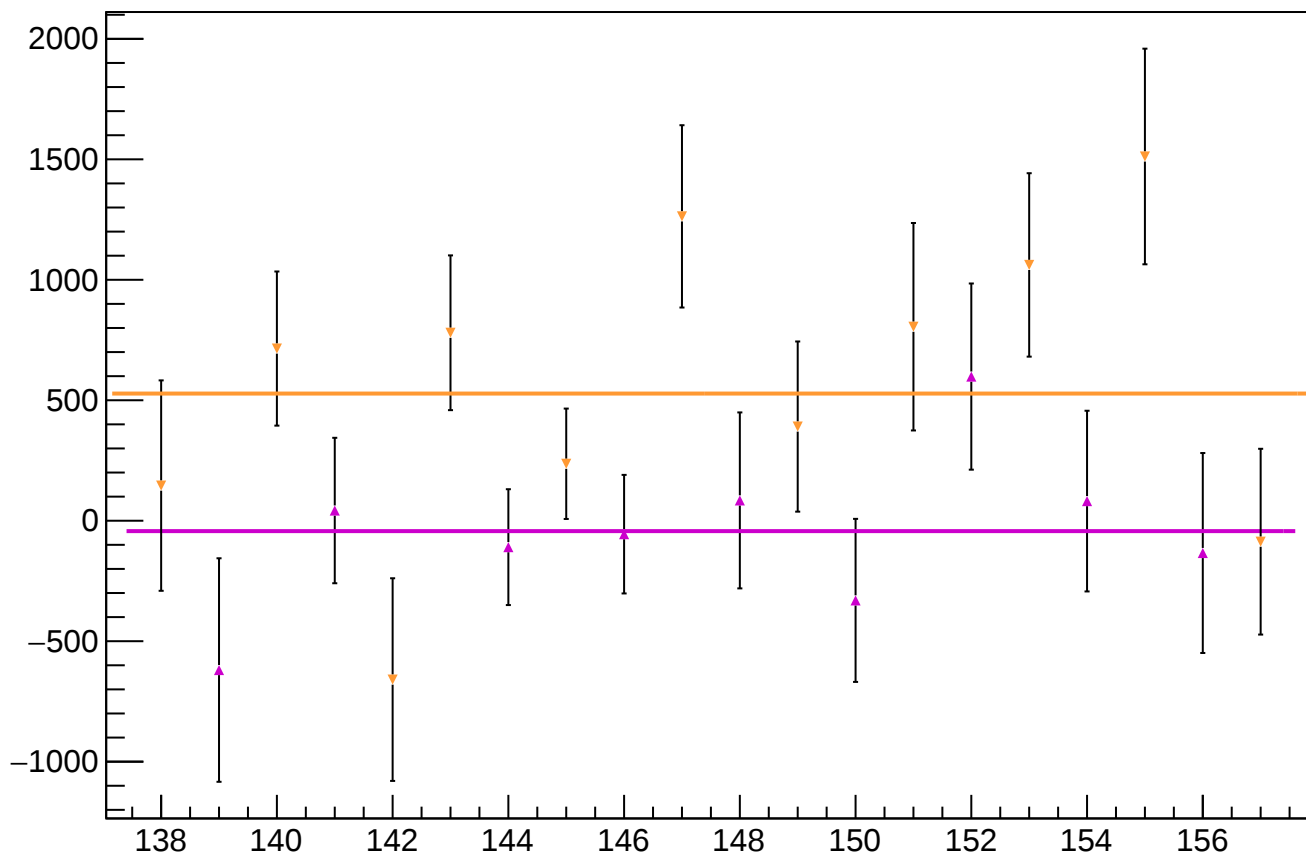
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 282.696+/-0.075 χ^2/NDF :613992.7/8

Out: 279.531+/-0.071 χ^2/NDF :865022.1/10

All: 281.022+/-0.052 χ^2/NDF : 1479954.8/19

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 527.824+/-106.333 χ^2/NDF :25.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.121+/-108.277 χ^2/NDF :5.5/8

Left: 247.523+/-75.867 χ^2/NDF : 44.6/19

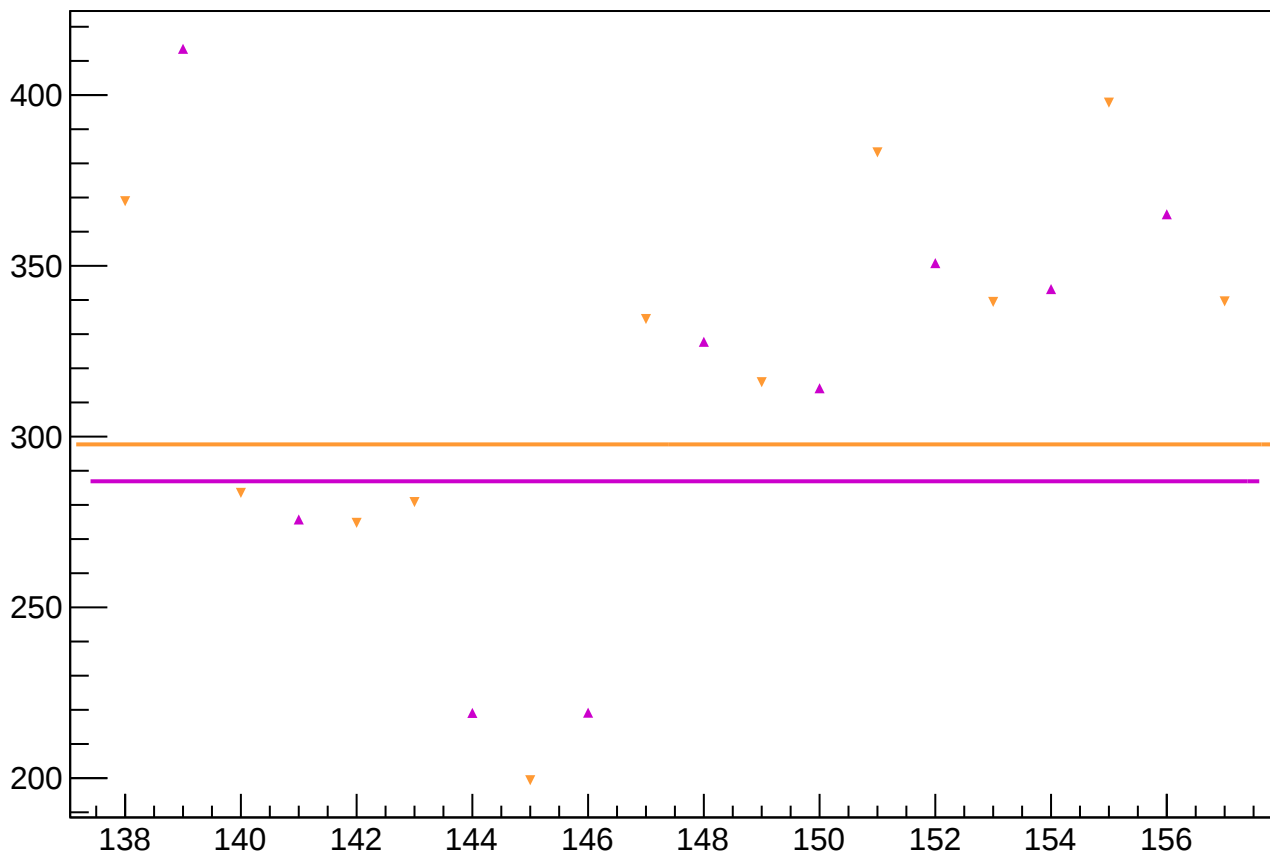
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.121+/-108.277 χ^2/NDF :5.5/8

Out: 527.824+/-106.333 χ^2/NDF :25.0/10

All: 247.523+/-75.867 χ^2/NDF : 44.6/19

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 297.722+/-0.075 χ^2/NDF : 687750.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 286.917+/-0.077 χ^2/NDF : 671285.2/8

Left: 292.418+/-0.054 χ^2/NDF : 1369174.7/19

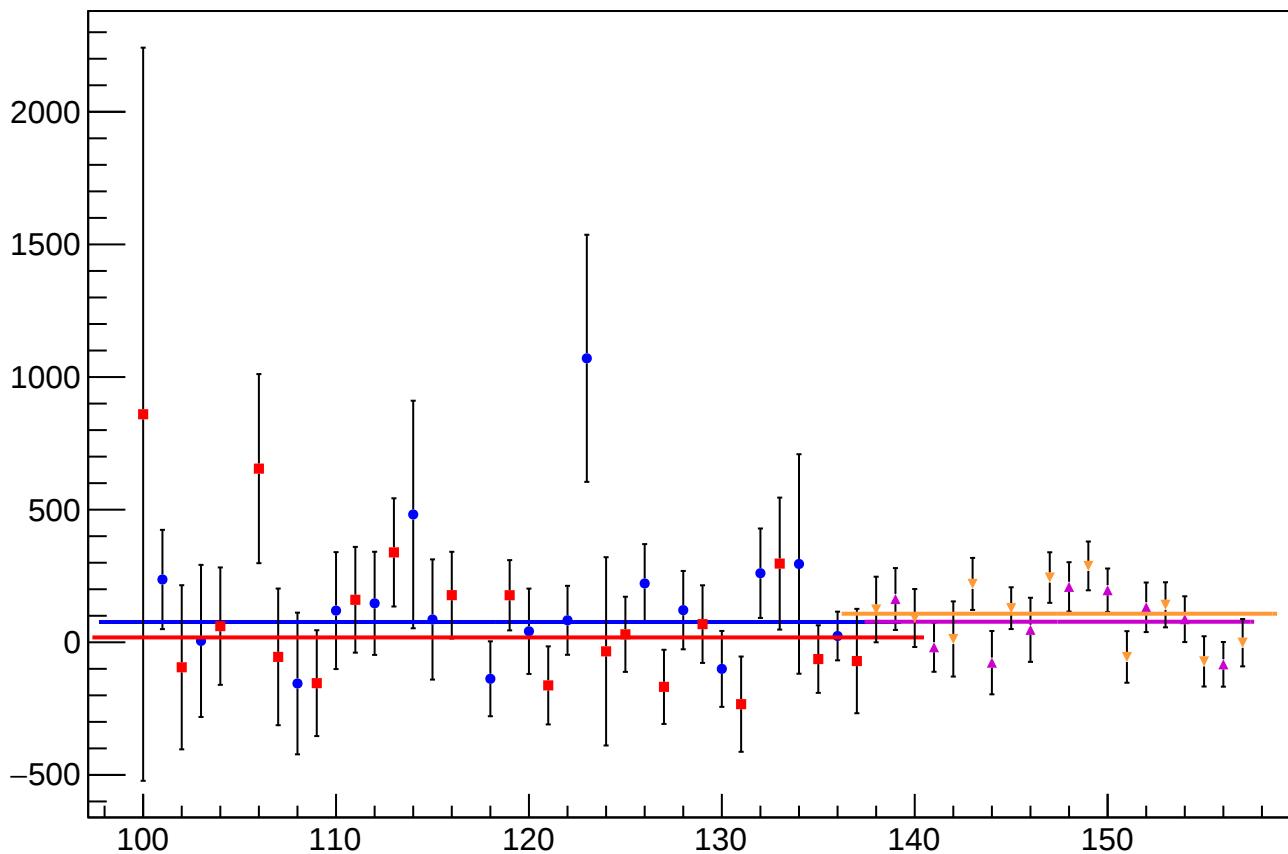
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.917+/-0.077 χ^2/NDF : 671285.2/8

Out: 297.722+/-0.075 χ^2/NDF : 687750.9/10

All: 292.418+/-0.054 χ^2/NDF : 1369174.7/19

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: 107.780 $\pm$ 29.192 χ^2 /NDF:15.8/10

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 77.535 $\pm$ 31.891 χ^2 /NDF:11.4/8

Left: 93.991 $\pm$ 21.533 χ^2 /NDF: 27.8/19

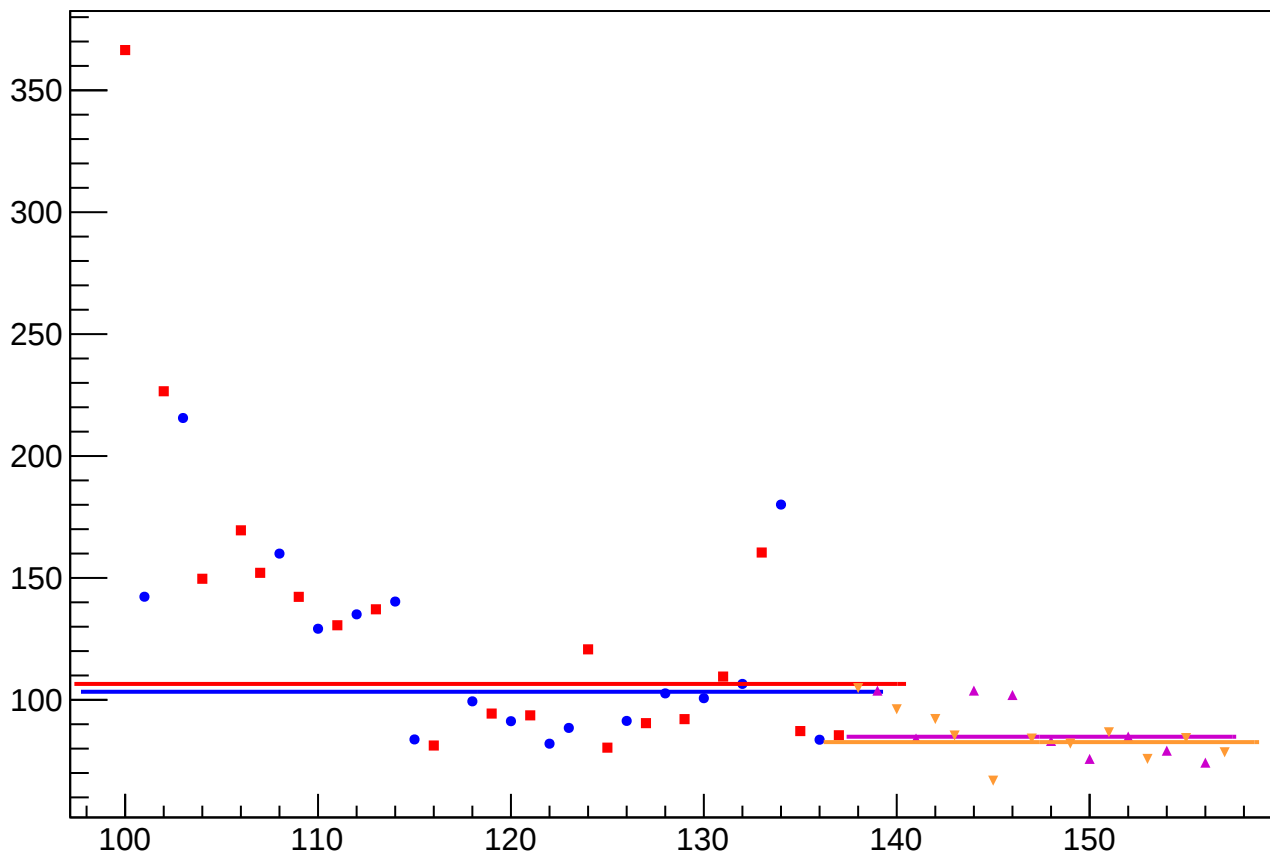
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 77.152 $\pm$ 25.300 χ^2 /NDF:25.3/25

Out: 78.922 $\pm$ 24.022 χ^2 /NDF:36.0/29

All: 78.083 $\pm$ 17.420 χ^2 /NDF: 61.4/55

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: 82.668 $\pm$ 0.021 χ^2 /NDF: 207722.0/10

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 84.873 $\pm$ 0.023 χ^2 /NDF: 209029.2/8

Left: 83.673 $\pm$ 0.015 χ^2 /NDF: 421955.0/19

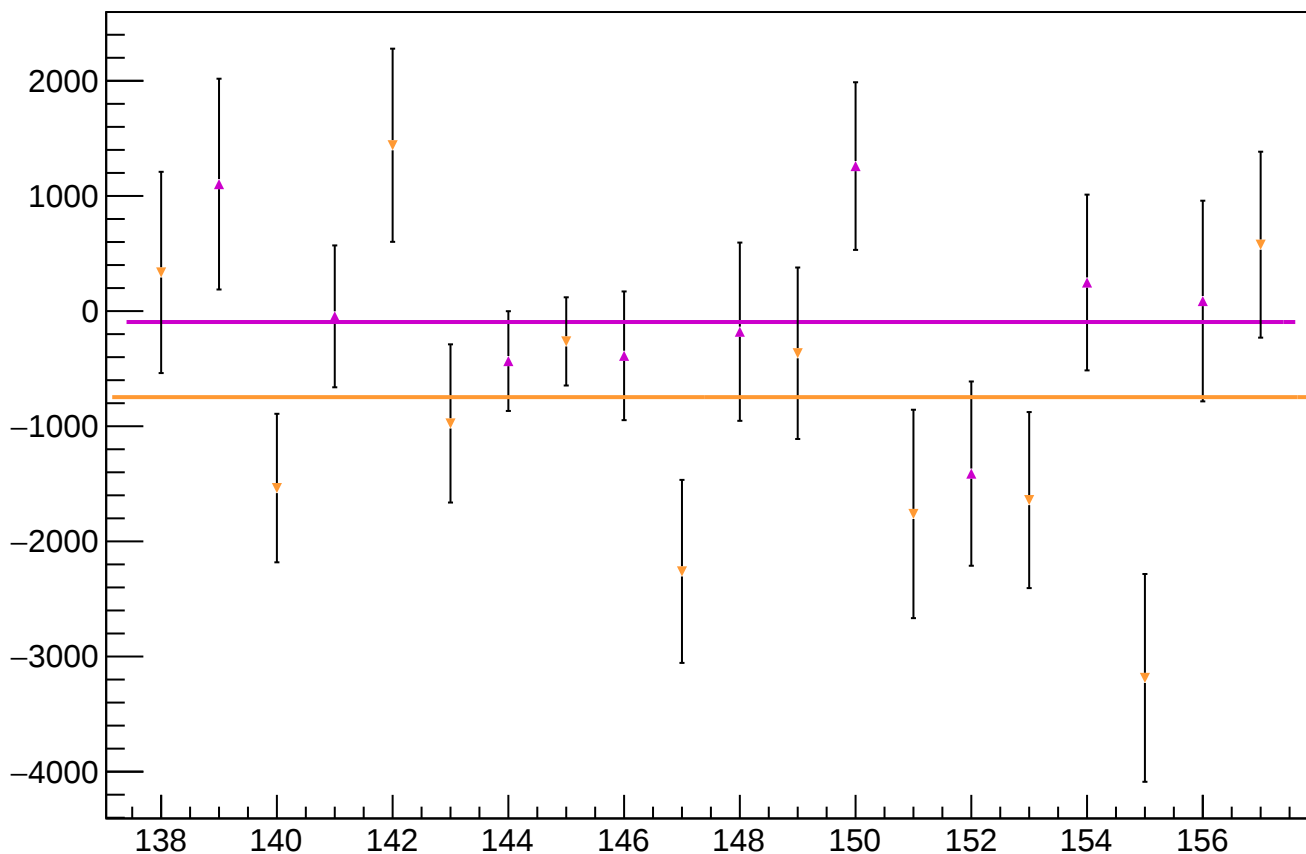
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 91.709 $\pm$ 0.018 χ^2 /NDF: 1294784.3/25

Out: 90.372 $\pm$ 0.017 χ^2 /NDF: 1710795.8/29

All: 91.006 $\pm$ 0.012 χ^2 /NDF: 3008516.7/55

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -747.180+/-207.848 χ^2/NDF :28.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -94.836+/-220.808 χ^2/NDF :9.0/8

Left: -440.712+/-151.345 χ^2/NDF : 41.7/19

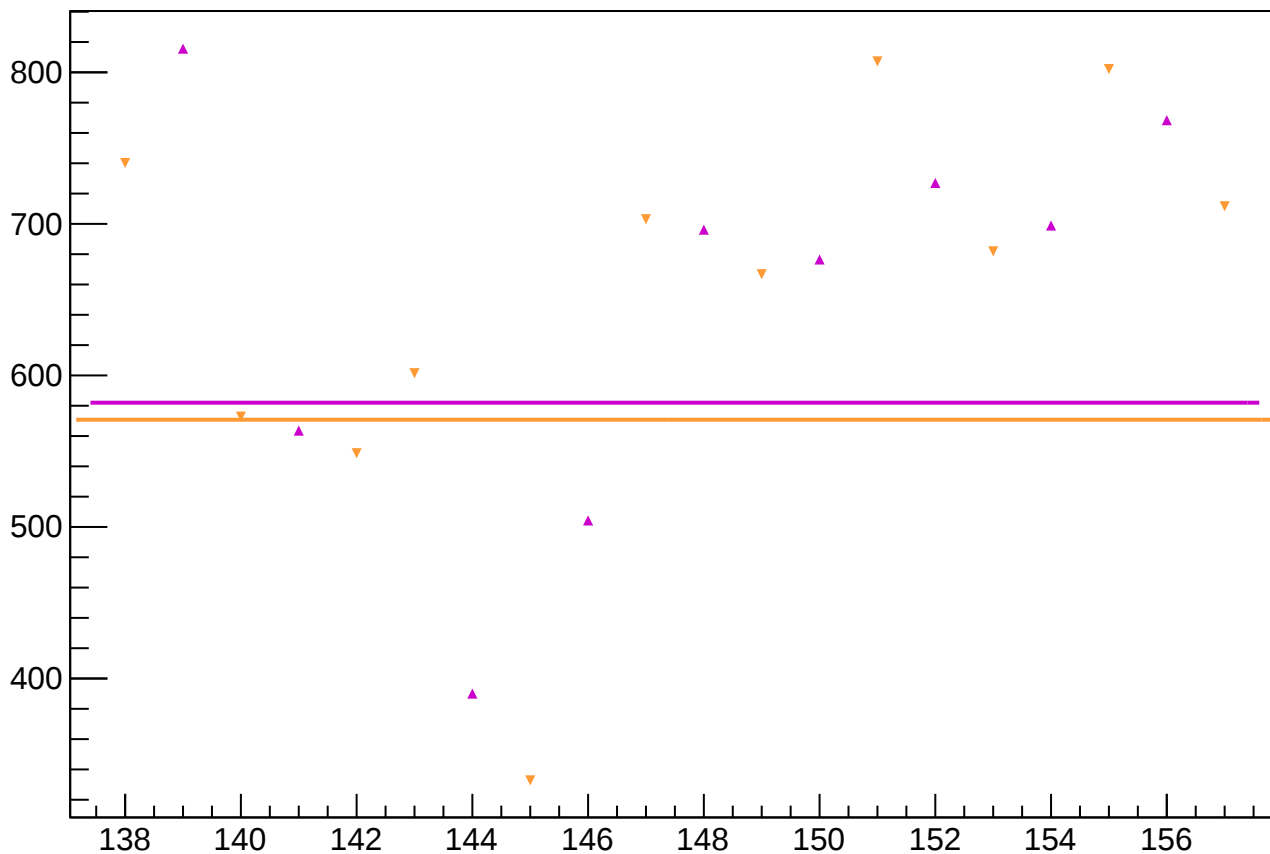
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -94.836+/-220.808 χ^2/NDF :9.0/8

Out: -747.180+/-207.848 χ^2/NDF :28.0/10

All: -440.712+/-151.345 χ^2/NDF : 41.7/19

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 570.781+/-0.147 χ^2/NDF :1312235.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 582.009+/-0.156 χ^2/NDF :844832.2/8

Left: 576.056+/-0.107 χ^2/NDF : 2159808.9/19

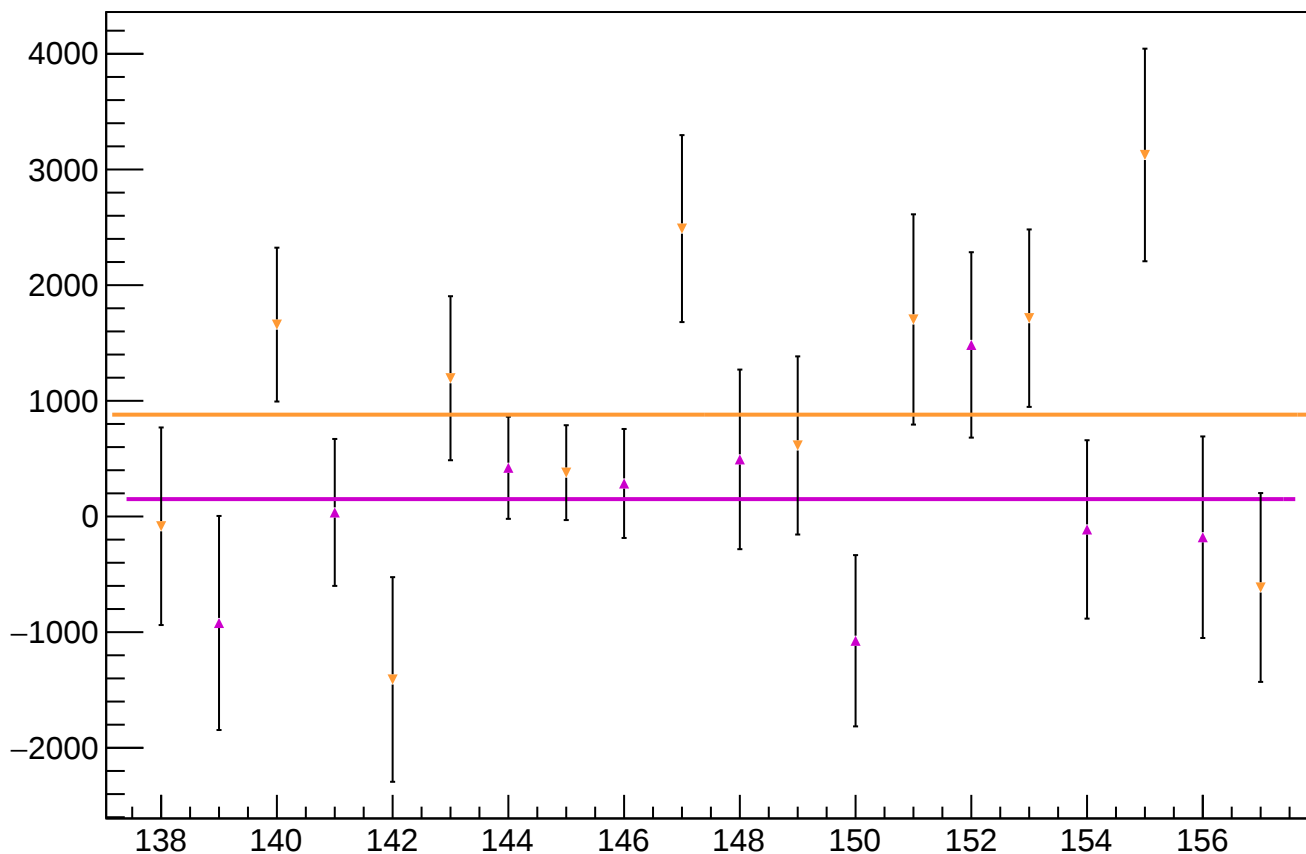
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 582.009+/-0.156 χ^2/NDF :844832.2/8

Out: 570.781+/-0.147 χ^2/NDF :1312235.1/10

All: 576.056+/-0.107 χ^2/NDF : 2159808.9/19

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 880.452+/-214.874 χ^2/NDF : 26.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 150.224+/-216.591 χ^2/NDF : 7.8/8

Left: 518.243+/-152.542 χ^2/NDF : 40.0/19

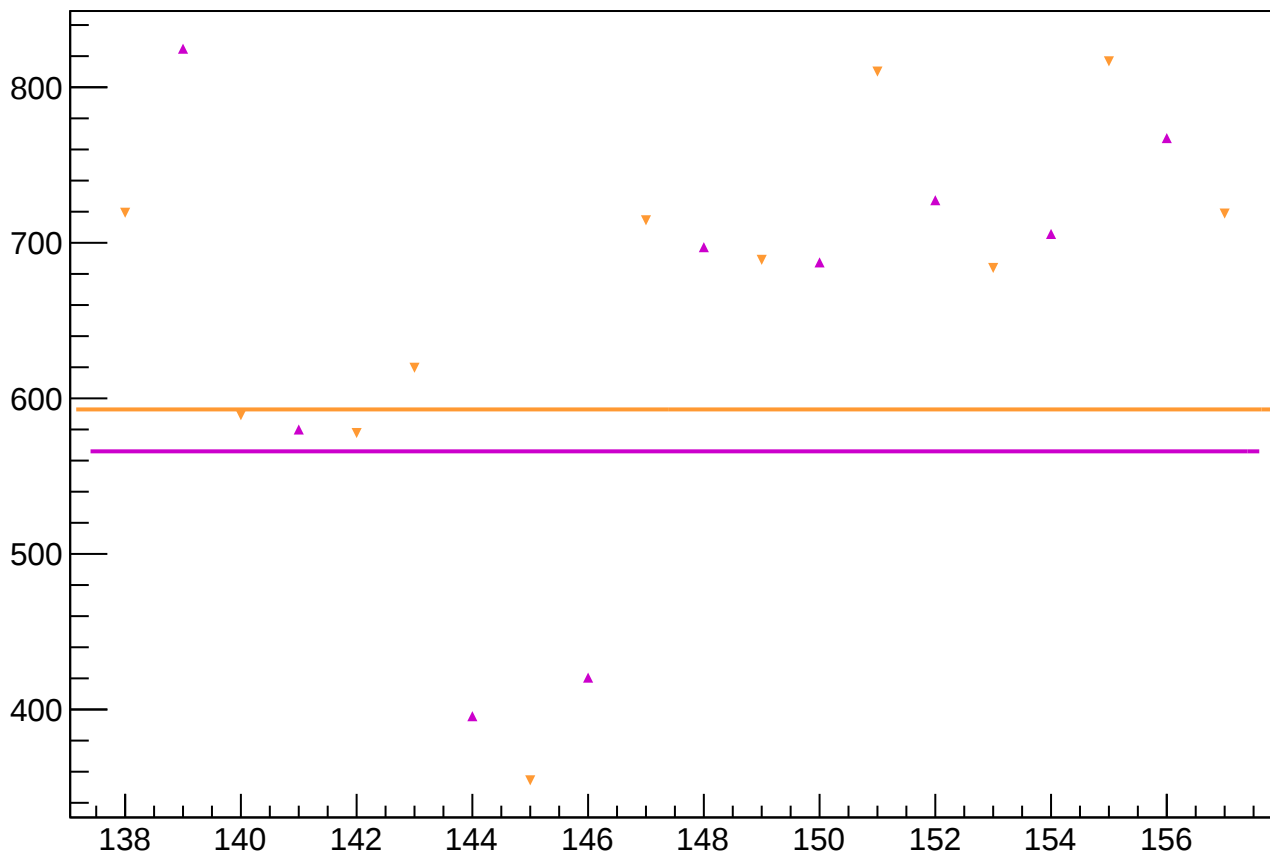
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 150.224+/-216.591 χ^2/NDF : 7.8/8

Out: 880.452+/-214.874 χ^2/NDF : 26.4/10

All: 518.243+/-152.542 χ^2/NDF : 40.0/19

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 592.891+/-0.152 χ^2/NDF :1108599.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 565.944+/-0.153 χ^2/NDF :1010047.4/8

Left: 579.525+/-0.108 χ^2/NDF : 2134248.6/19

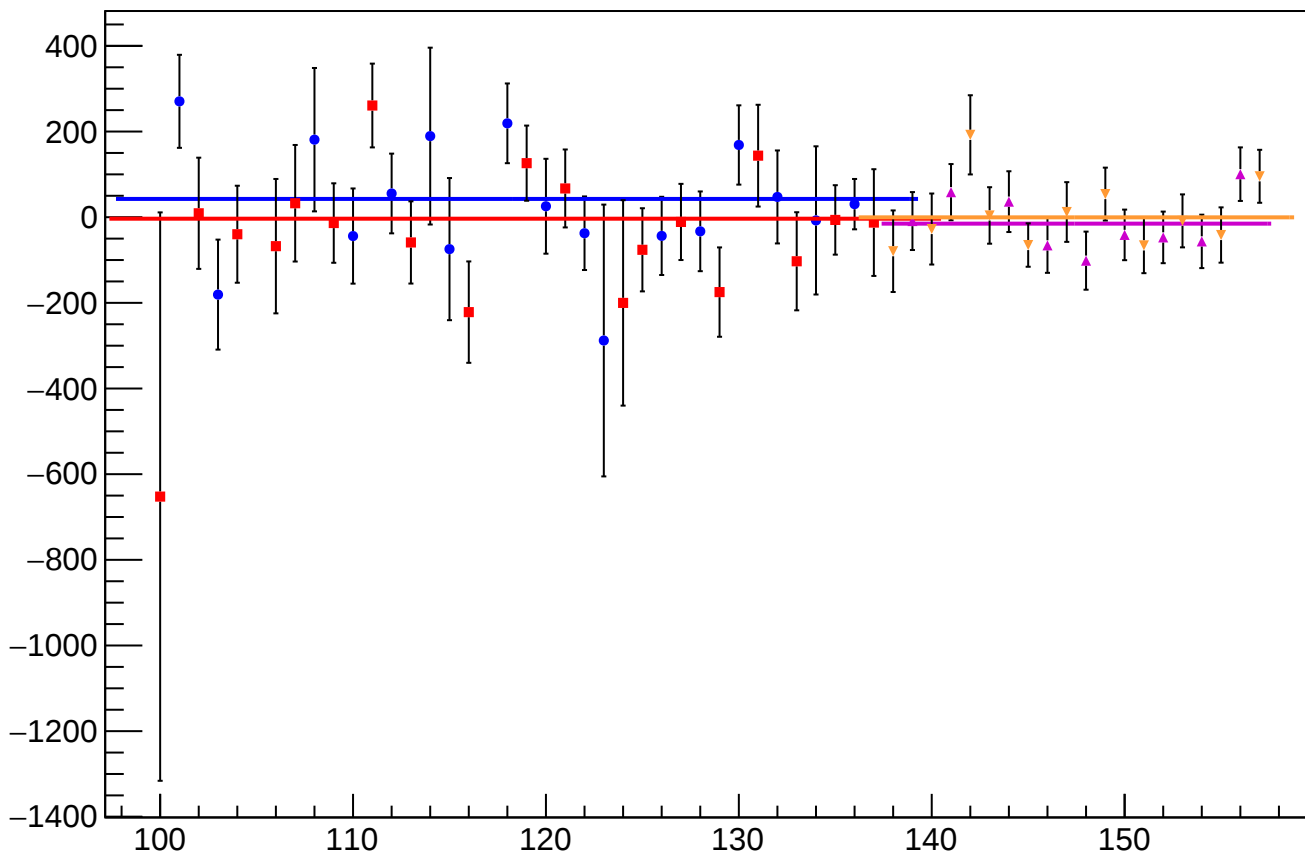
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 565.944+/-0.153 χ^2/NDF :1010047.4/8

Out: 592.891+/-0.152 χ^2/NDF :1108599.5/10

All: 579.525+/-0.108 χ^2/NDF : 2134248.6/19

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: -0.351 $\pm$ 20.160 χ^2 /NDF:11.4/10

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -15.062 $\pm$ 21.394 χ^2 /NDF:8.4/8

Left: -7.270 $\pm$ 14.672 χ^2 /NDF: 20.0/19

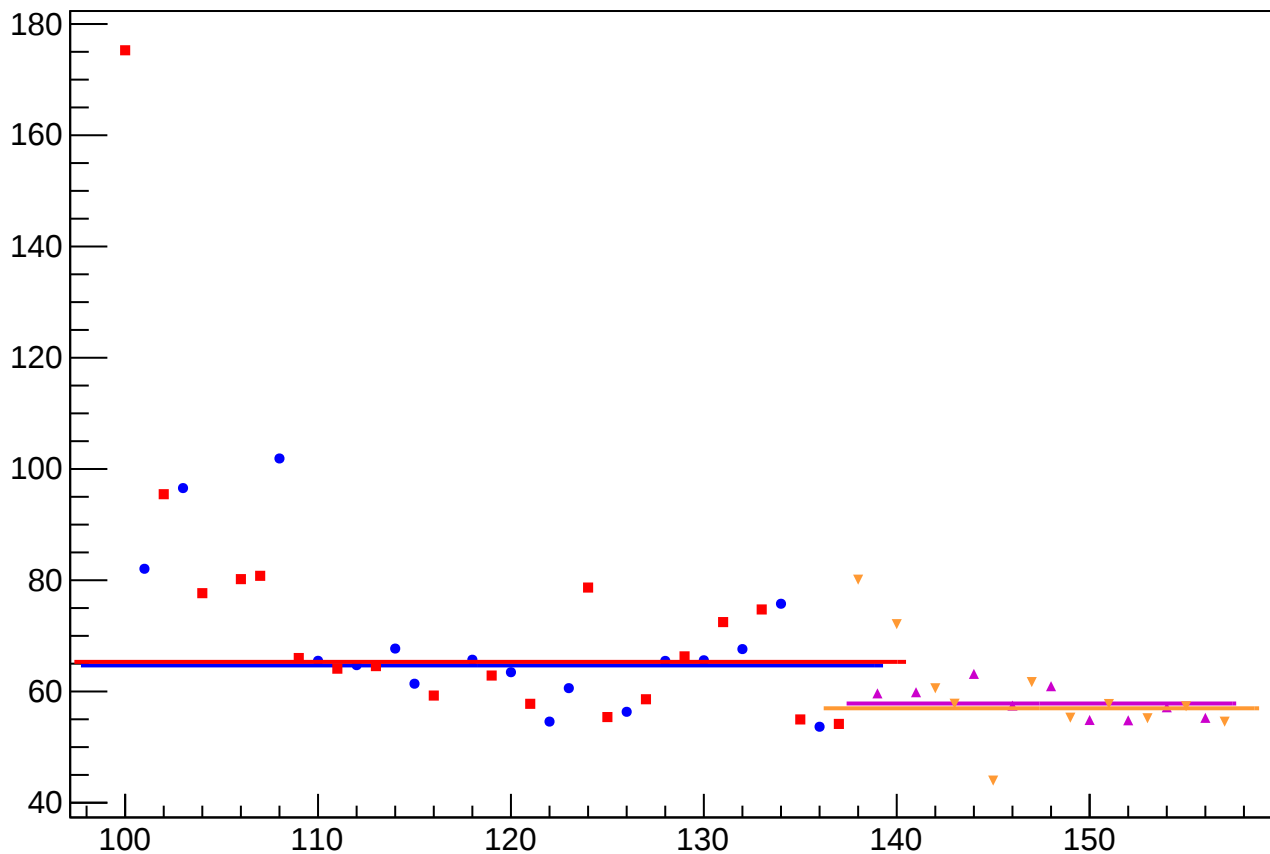
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 8.797 $\pm$ 16.386 χ^2 /NDF:30.2/25

Out: -1.589 $\pm$ 15.710 χ^2 /NDF:32.8/29

All: 3.385 $\pm$ 11.340 χ^2 /NDF: 63.2/55

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: 56.978 $\pm$ 0.014 χ^2/NDF :335031.0/10

Right Out: 65.324 $\pm$ 0.018 χ^2/NDF : 359570.8/18

Left In: 57.839 $\pm$ 0.015 χ^2/NDF :32592.8/8

Left: 57.383 $\pm$ 0.010 χ^2/NDF : 369341.7/19

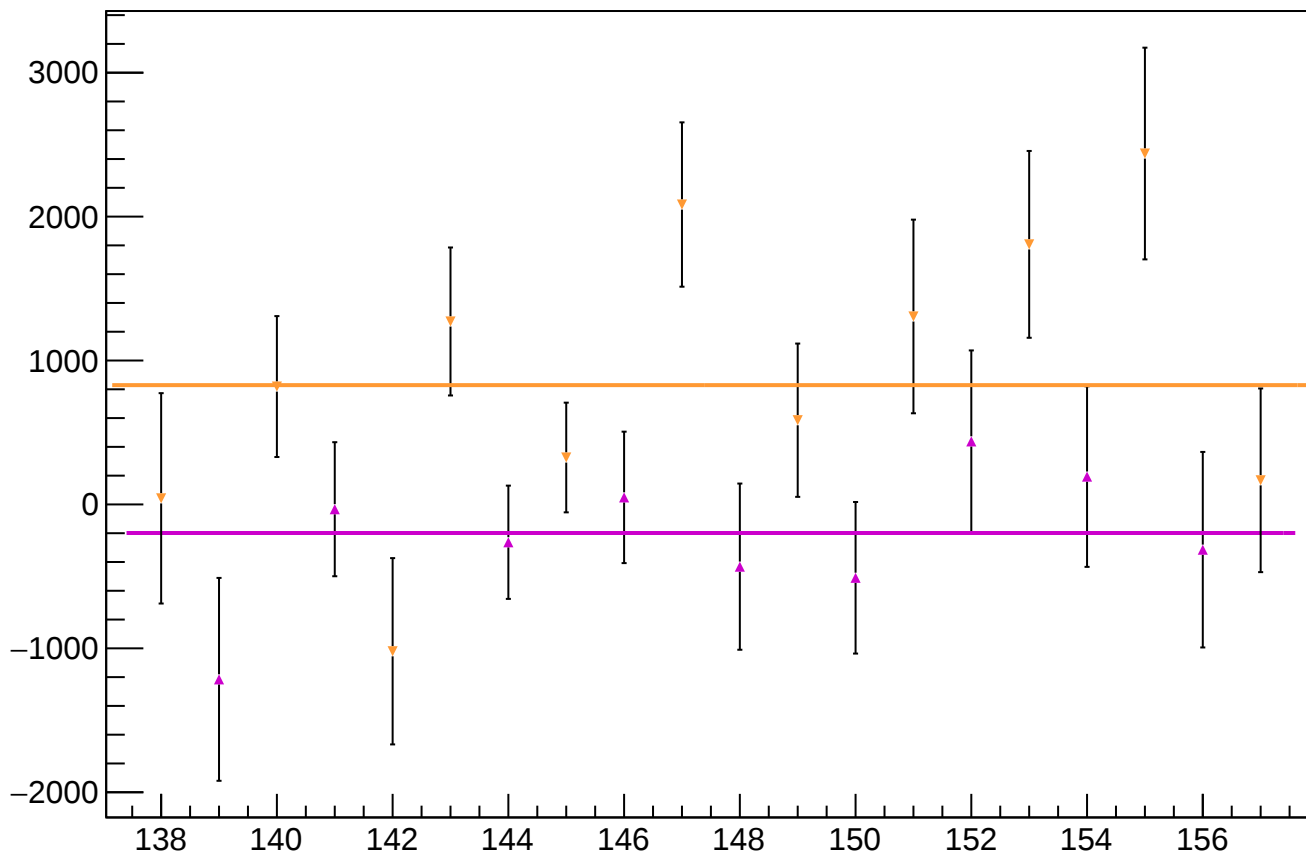
Right: 65.010 $\pm$ 0.013 χ^2/NDF : 760396.9/35

In: 60.669 $\pm$ 0.012 χ^2/NDF :517439.1/25

Out: 60.256 $\pm$ 0.011 χ^2/NDF :829228.8/29

All: 60.454 $\pm$ 0.008 χ^2/NDF : 1347332.5/55

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: 828.945+/-170.062 χ^2/NDF :25.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -198.503+/-177.637 χ^2/NDF :4.5/8

Left: 337.597+/-122.843 χ^2/NDF : 47.4/19

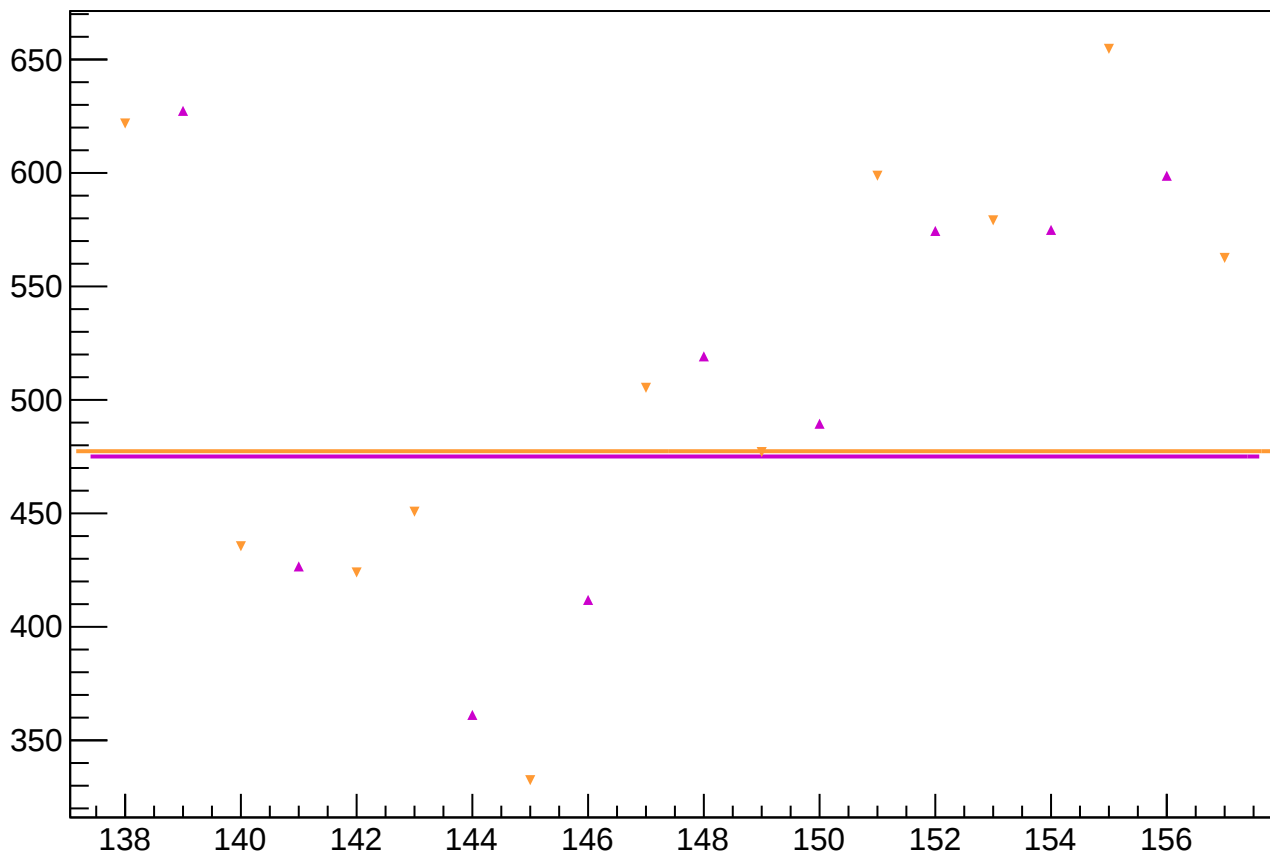
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.503+/-177.637 χ^2/NDF :4.5/8

Out: 828.945+/-170.062 χ^2/NDF :25.5/10

All: 337.597+/-122.843 χ^2/NDF : 47.4/19

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: 477.393+/-0.120 χ^2/NDF : 671883.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.064+/-0.126 χ^2/NDF : 500349.7/8

Left: 476.279+/-0.087 χ^2/NDF : 1172412.5/19

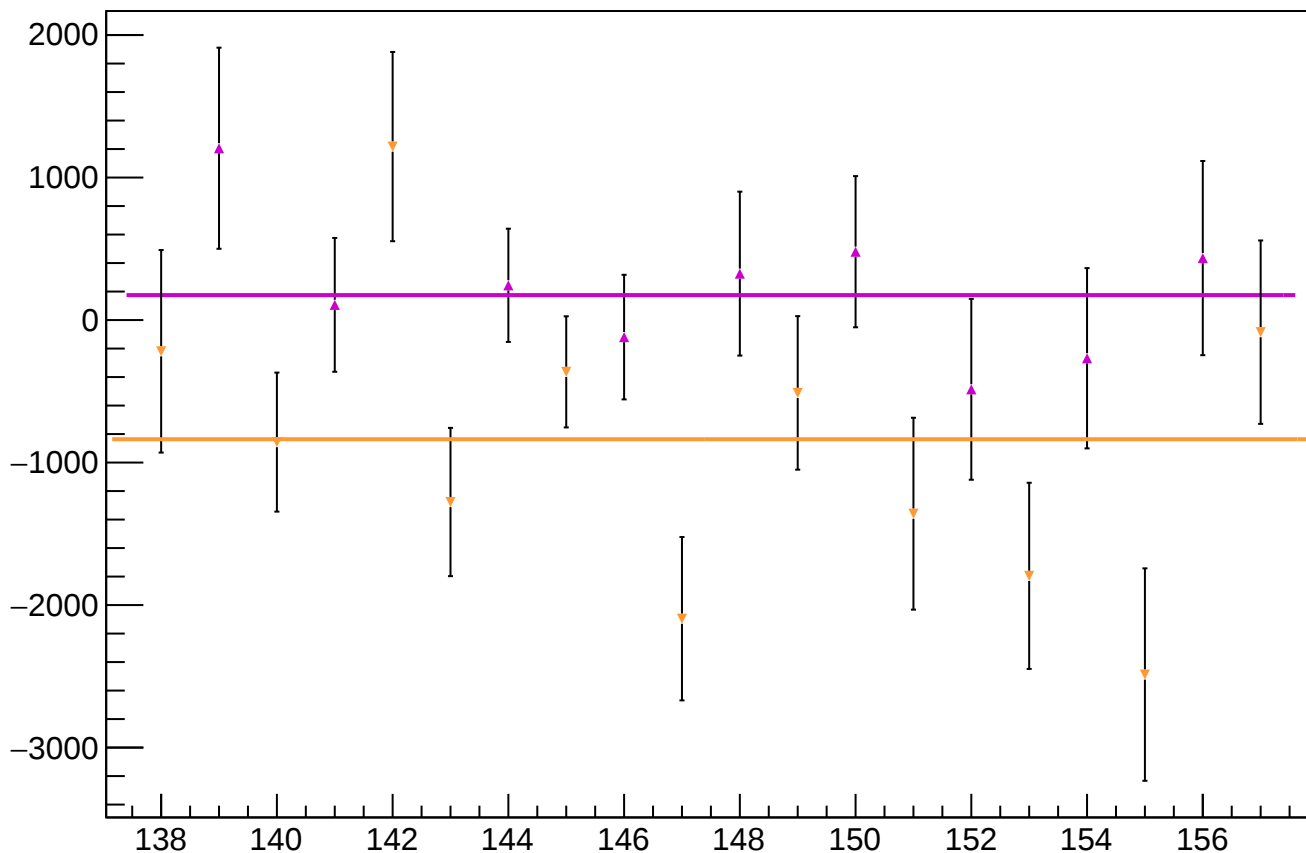
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.064+/-0.126 χ^2/NDF : 500349.7/8

Out: 477.393+/-0.120 χ^2/NDF : 671883.4/10

All: 476.279+/-0.087 χ^2/NDF : 1172412.5/19

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -836.134+/-171.555 χ^2/NDF : 26.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 175.153+/-177.261 χ^2/NDF : 4.8/8

Left: -347.029+/-123.275 χ^2/NDF : 48.3/19

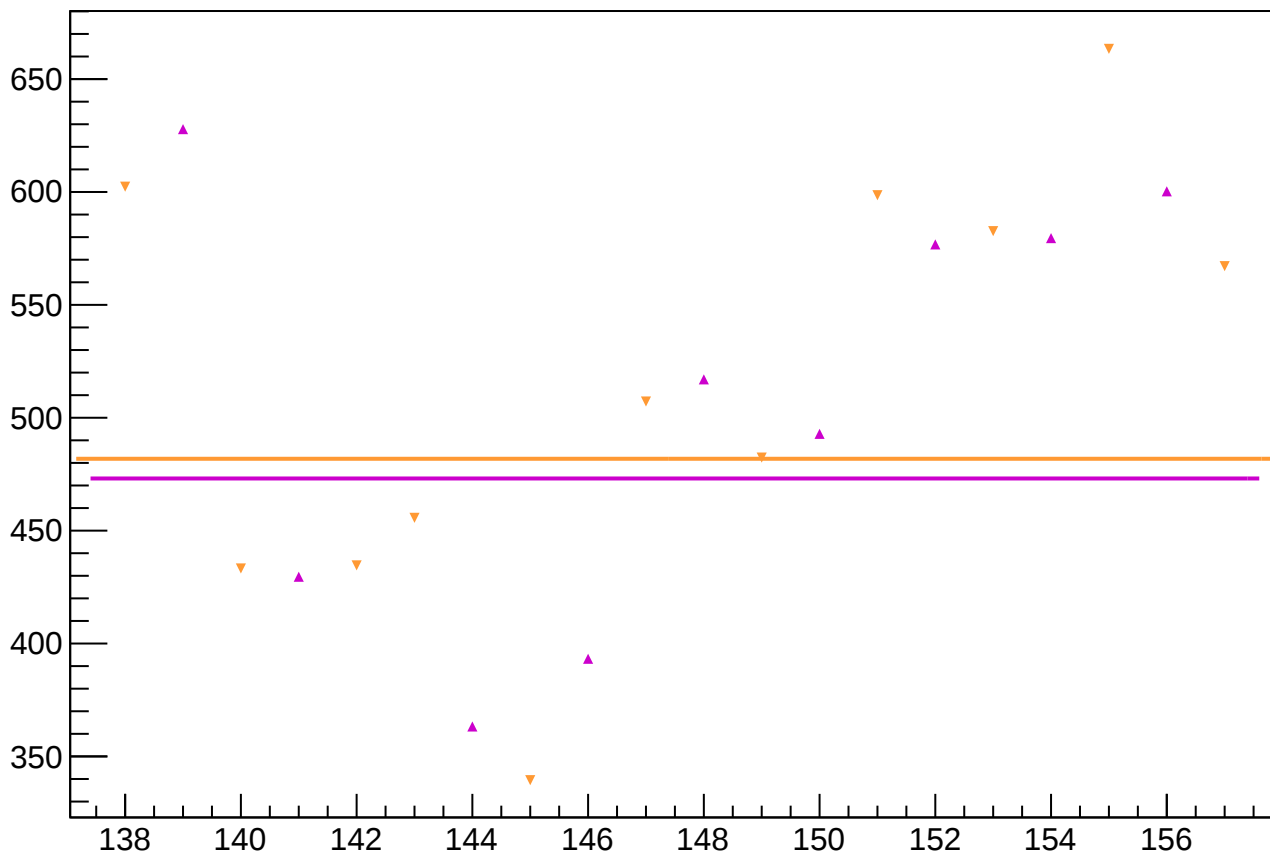
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 175.153+/-177.261 χ^2/NDF : 4.8/8

Out: -836.134+/-171.555 χ^2/NDF : 26.7/10

All: -347.029+/-123.275 χ^2/NDF : 48.3/19

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 481.833+/-0.121 χ^2/NDF : 624653.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 473.102+/-0.125 χ^2/NDF : 527099.3/8

Left: 477.610+/-0.087 χ^2/NDF : 1154257.5/19

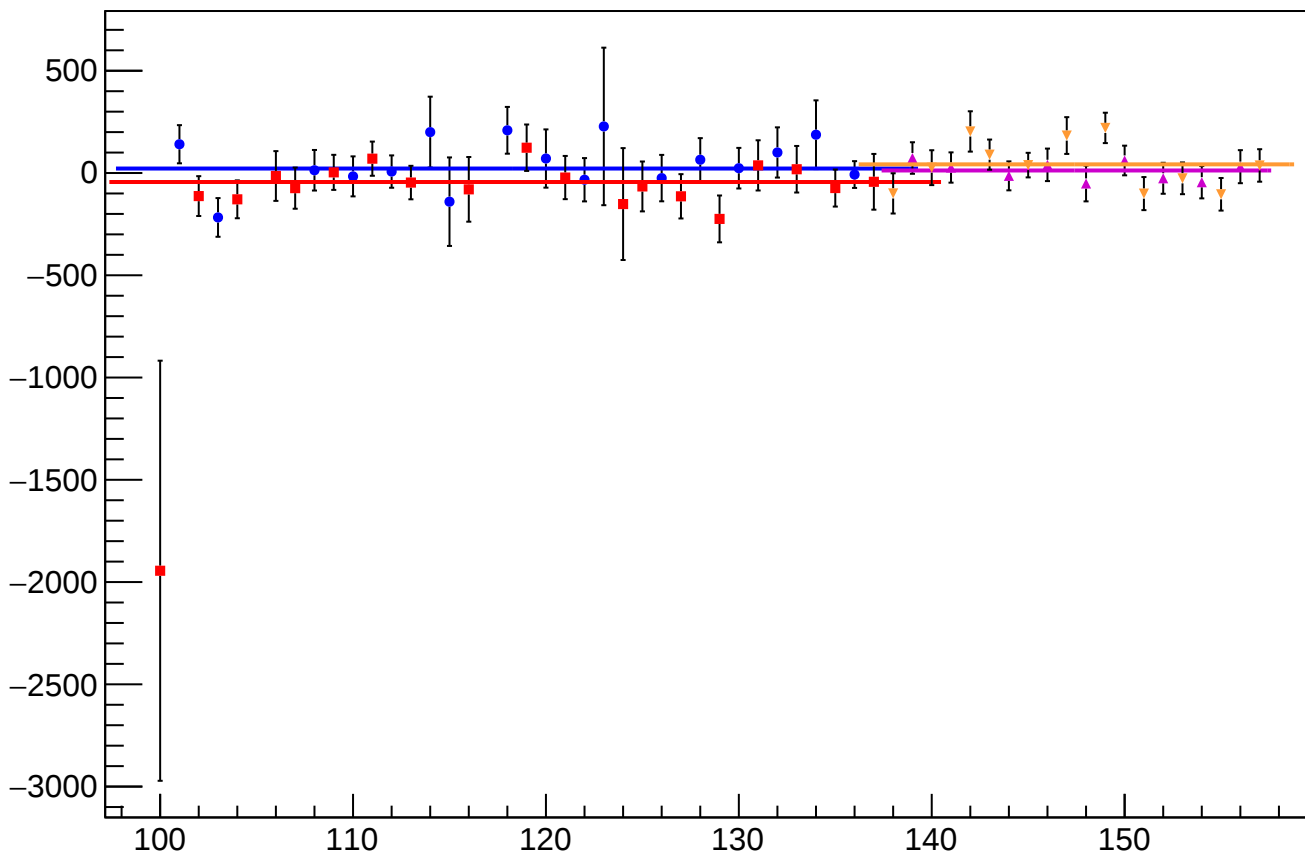
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 473.102+/-0.125 χ^2/NDF : 527099.3/8

Out: 481.833+/-0.121 χ^2/NDF : 624653.1/10

All: 477.610+/-0.087 χ^2/NDF : 1154257.5/19

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 42.339 $\pm$ 23.943 χ^2 /NDF:20.7/10

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 12.415 $\pm$ 25.676 χ^2 /NDF:2.7/8

Left: 28.420 $\pm$ 17.511 χ^2 /NDF: 24.2/19

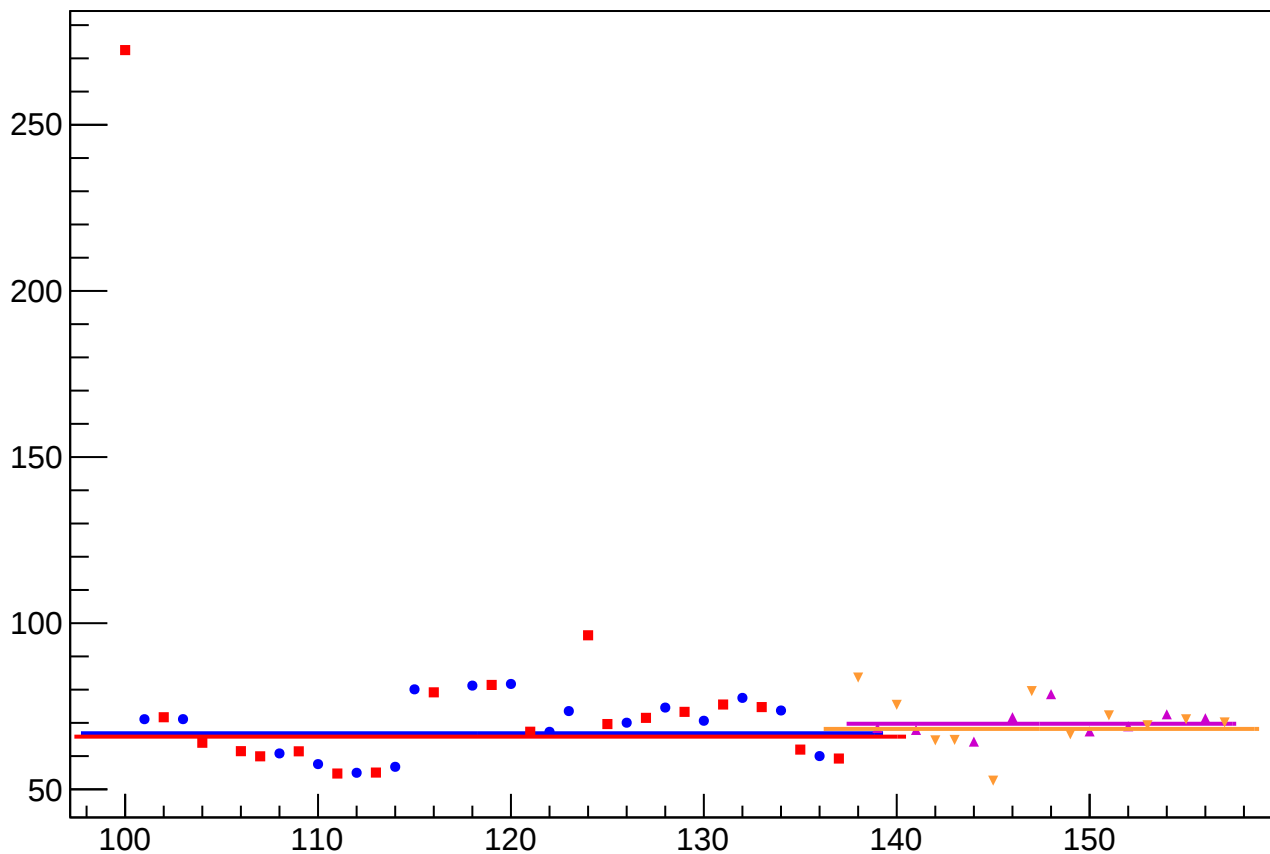
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 17.092 $\pm$ 18.288 χ^2 /NDF:17.9/25

Out: 1.242 $\pm$ 17.328 χ^2 /NDF:40.2/29

All: 8.740 $\pm$ 12.578 χ^2 /NDF: 58.4/55

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: 68.182 $\pm$ 0.017 χ^2/NDF :247024.3/10

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 69.735 $\pm$ 0.018 χ^2/NDF :40950.8/8

Left: 68.904 $\pm$ 0.012 χ^2/NDF : 291890.7/19

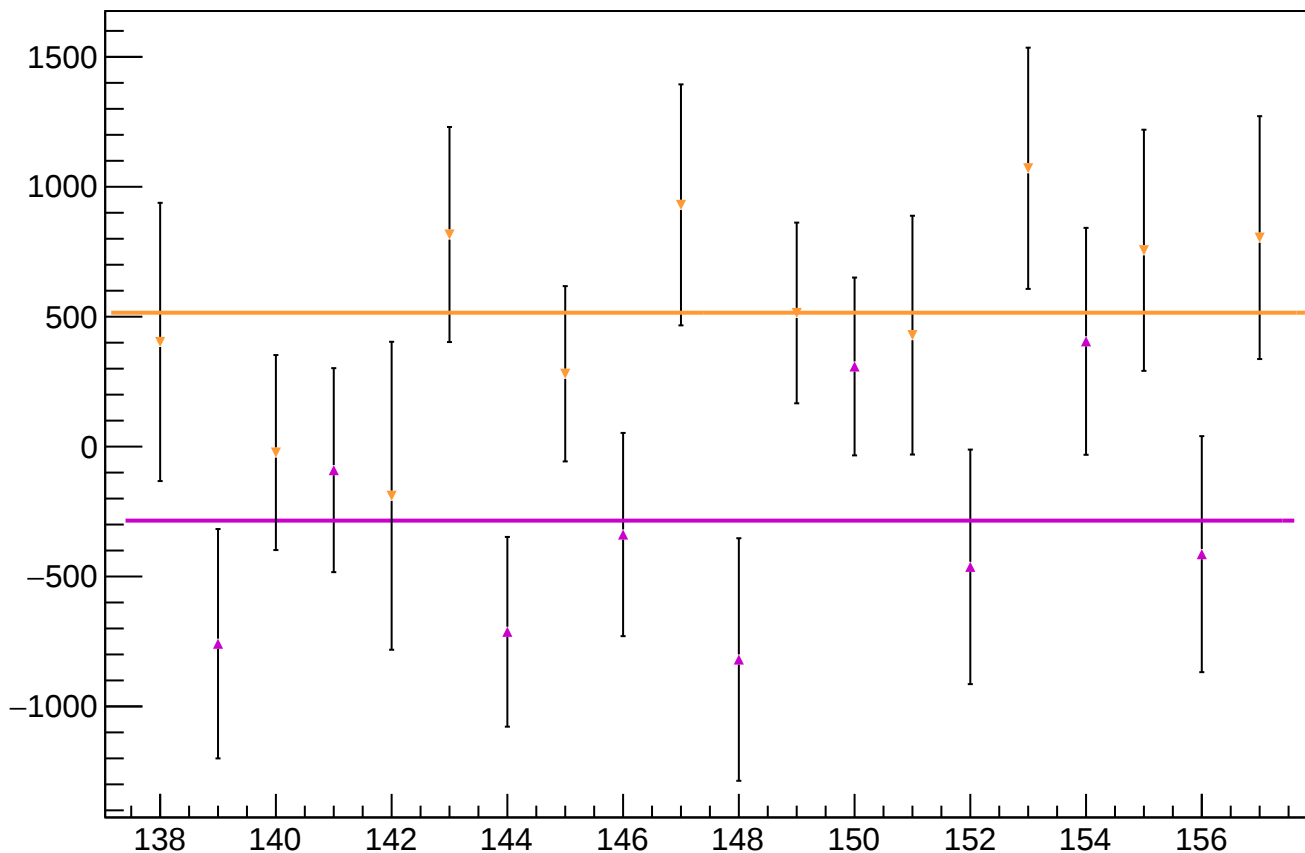
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 68.325 $\pm$ 0.013 χ^2/NDF :255720.6/25

Out: 67.073 $\pm$ 0.012 χ^2/NDF :555902.3/29

All: 67.665 $\pm$ 0.009 χ^2/NDF : 816557.3/55

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: 515.385+/-129.559 χ^2/NDF : 7.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -284.857+/-136.358 χ^2/NDF : 9.8/8

Left: 135.710+/-93.924 χ^2/NDF : 35.4/19

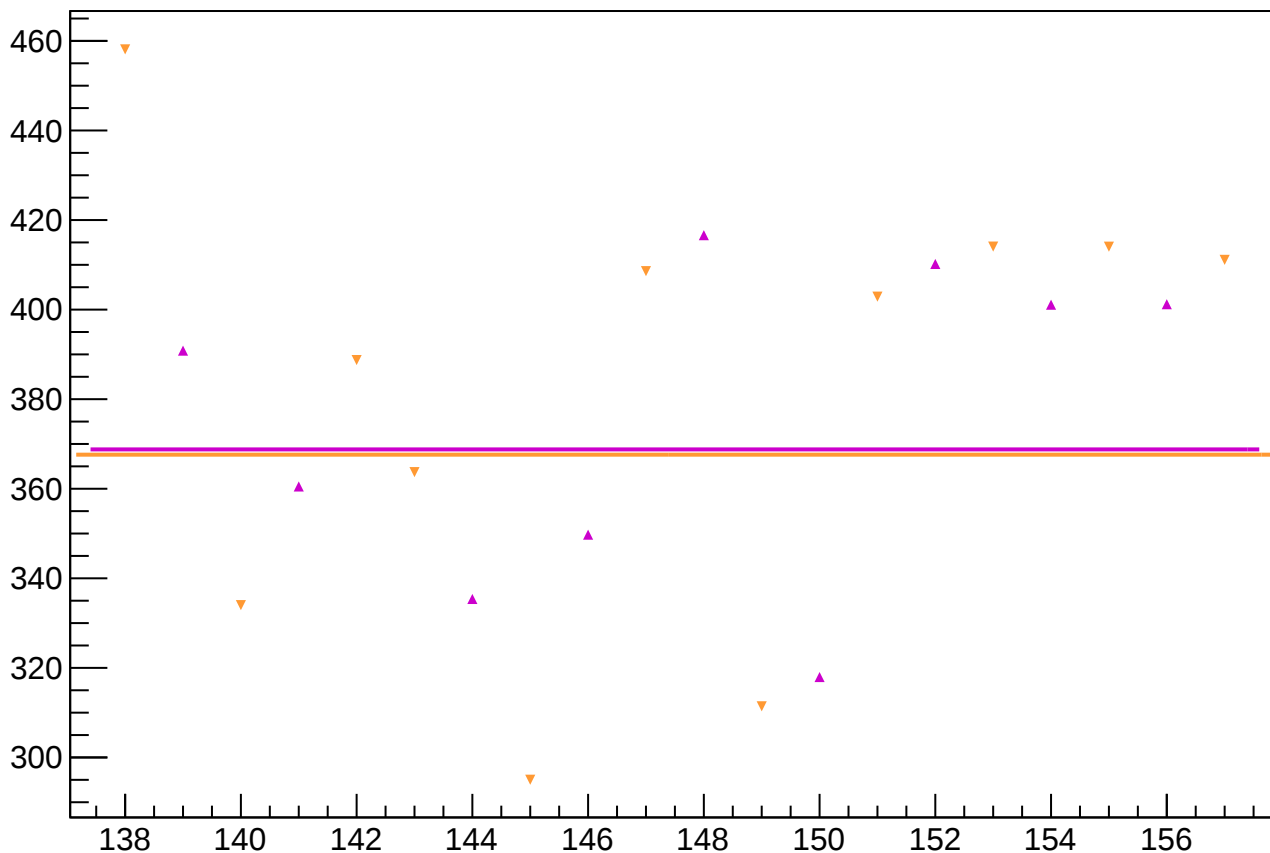
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -284.857+/-136.358 χ^2/NDF : 9.8/8

Out: 515.385+/-129.559 χ^2/NDF : 7.4/10

All: 135.710+/-93.924 χ^2/NDF : 35.4/19

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: 367.608+/-0.092 χ^2/NDF :305508.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 368.785+/-0.096 χ^2/NDF :130441.0/8

Left: 368.167+/-0.066 χ^2/NDF : 436027.3/19

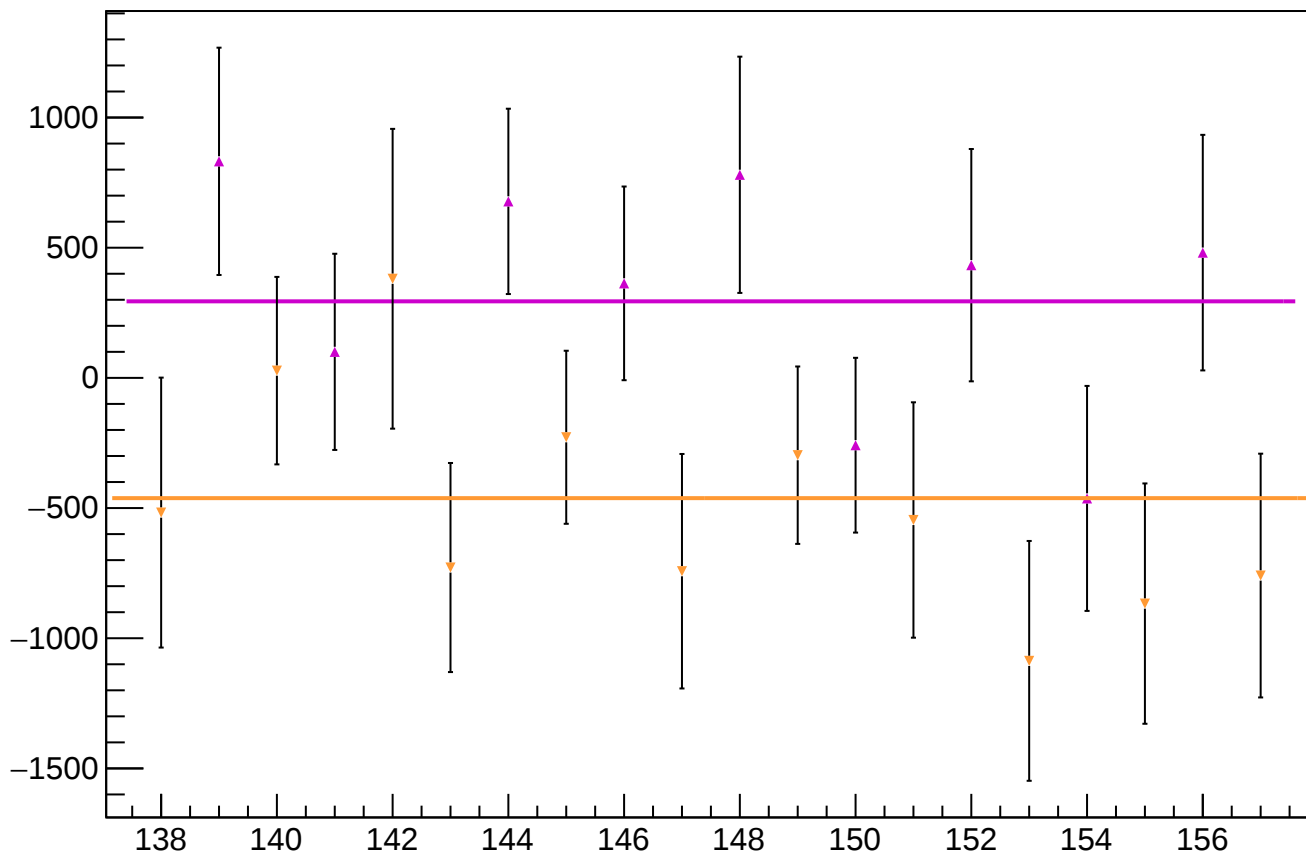
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 368.785+/-0.096 χ^2/NDF :130441.0/8

Out: 367.608+/-0.092 χ^2/NDF :305508.0/10

All: 368.167+/-0.066 χ^2/NDF : 436027.3/19

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -461.910+/-126.879 χ^2/NDF : 8.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 293.999+/-133.141 χ^2/NDF : 10.2/8

Left: -102.151+/-91.851 χ^2/NDF : 35.7/19

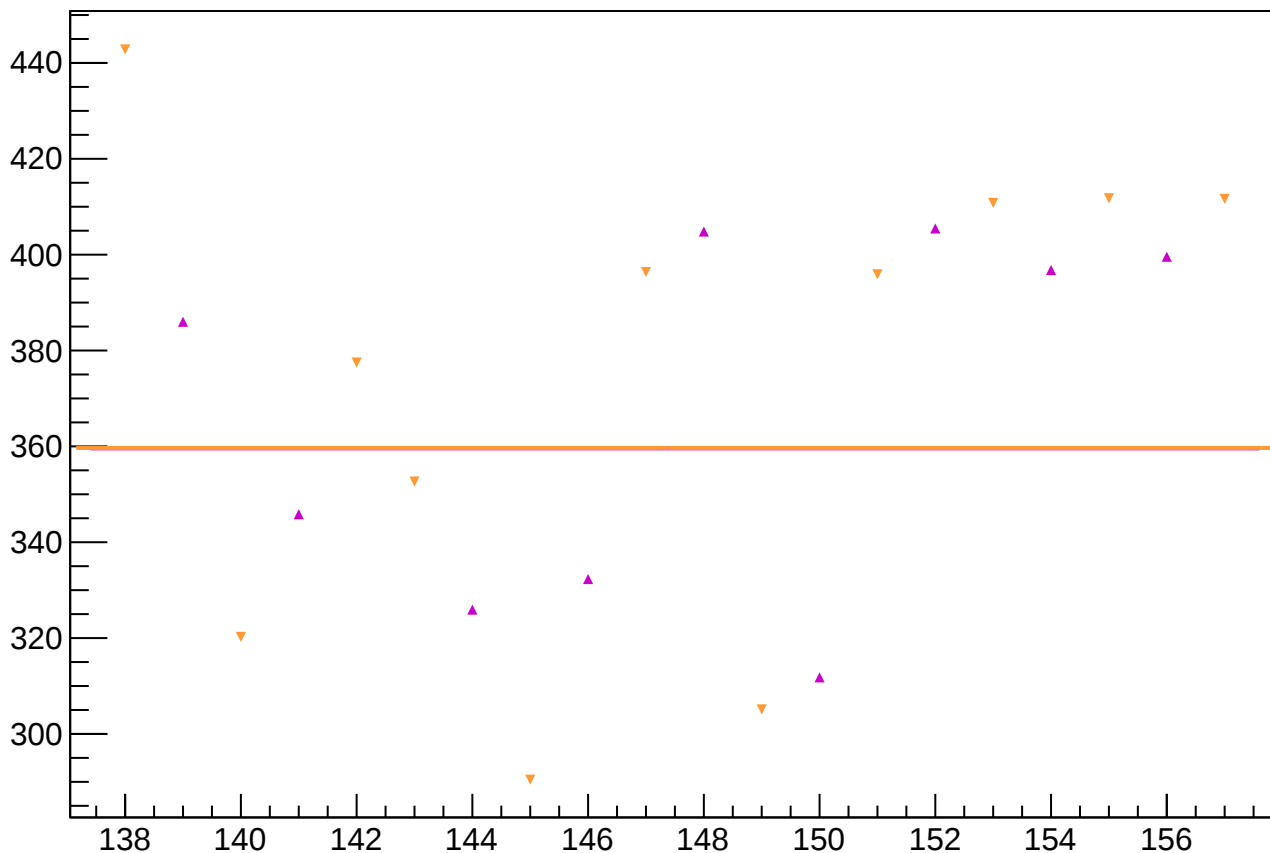
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 293.999+/-133.141 χ^2/NDF : 10.2/8

Out: -461.910+/-126.879 χ^2/NDF : 8.6/10

All: -102.151+/-91.851 χ^2/NDF : 35.7/19

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 359.669+/-0.090 χ^2/NDF :316895.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 359.586+/-0.094 χ^2/NDF :150617.7/8

Left: 359.630+/-0.065 χ^2/NDF : 467513.5/19

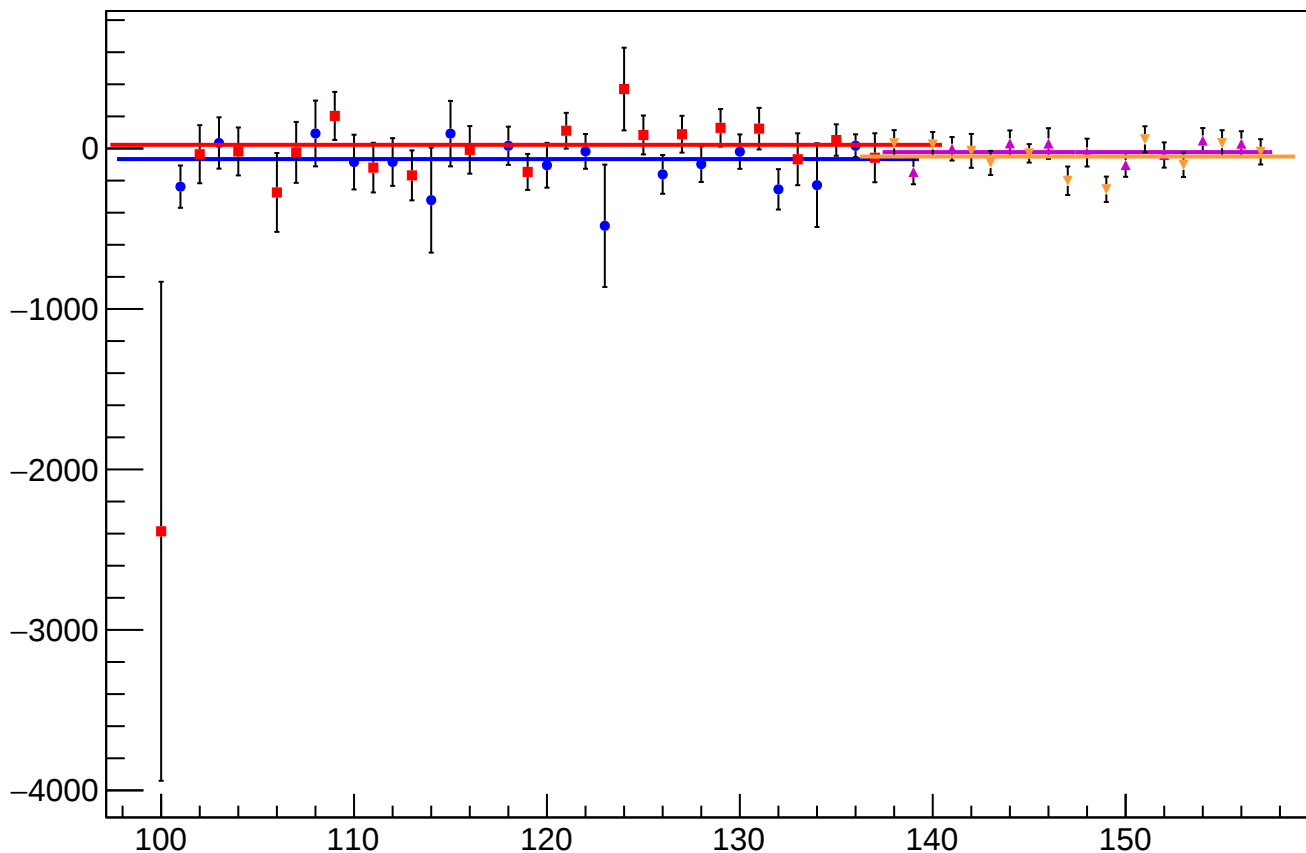
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.586+/-0.094 χ^2/NDF :150617.7/8

Out: 359.669+/-0.090 χ^2/NDF :316895.4/10

All: 359.630+/-0.065 χ^2/NDF : 467513.5/19

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: -50.080 ± 23.503 χ^2/NDF : 15.4/10

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -22.514 ± 26.465 χ^2/NDF : 6.0/8

Left: -37.926 ± 17.574 χ^2/NDF : 22.0/19

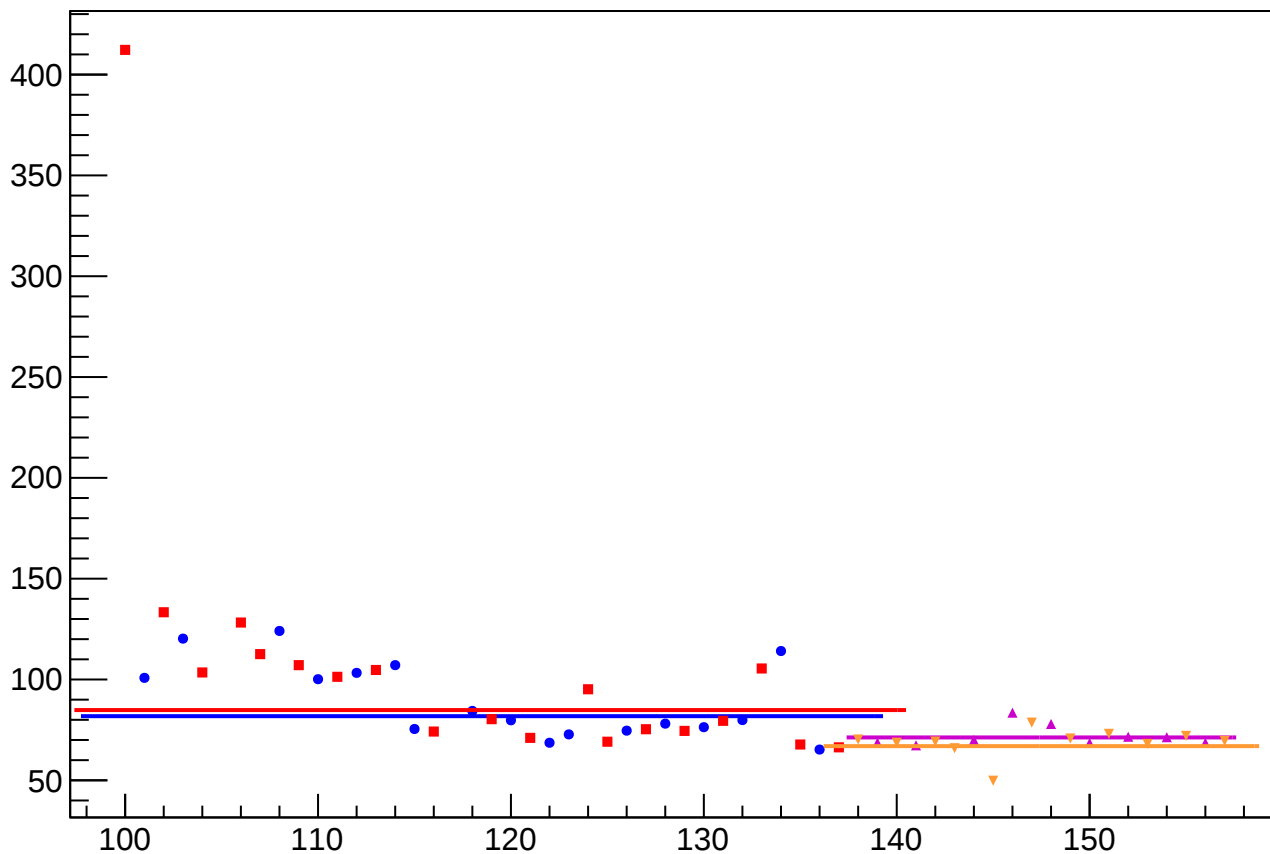
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -39.978 ± 20.468 χ^2/NDF : 17.8/25

Out: -25.301 ± 19.101 χ^2/NDF : 34.1/29

All: -32.133 ± 13.965 χ^2/NDF : 52.2/55

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 66.947+/-0.017 χ^2/NDF : 244363.6/10

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 71.265+/-0.019 χ^2/NDF : 58434.6/8

Left: 68.851+/-0.012 χ^2/NDF : 332572.5/19

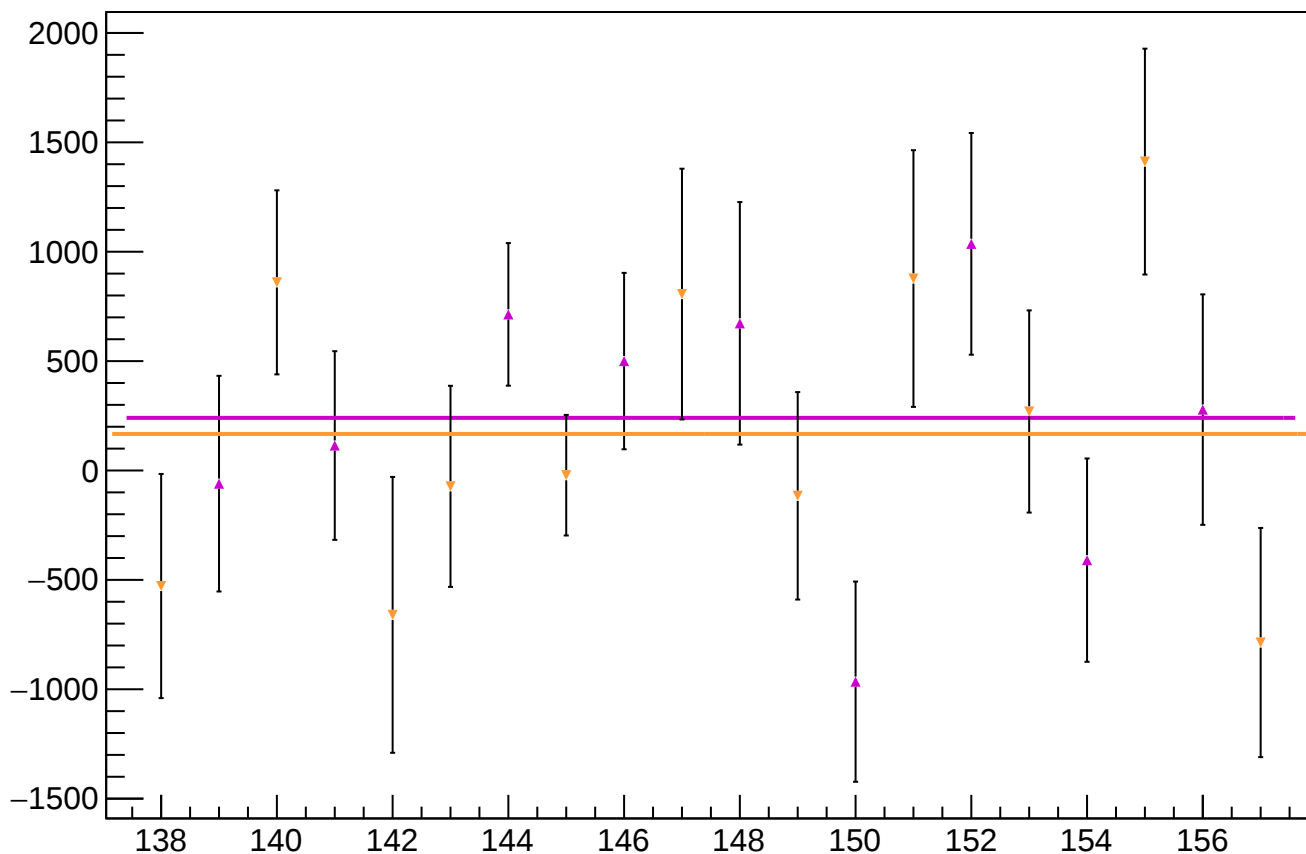
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 75.502+/-0.014 χ^2/NDF : 693179.6/25

Out: 73.020+/-0.014 χ^2/NDF : 1342403.0/29

All: 74.176+/-0.010 χ^2/NDF : 2051299.9/55

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: 167.090+/-138.204 χ^2/NDF :19.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 240.609+/-148.723 χ^2/NDF :15.0/8

Left: 201.158+/-101.240 χ^2/NDF : 34.3/19

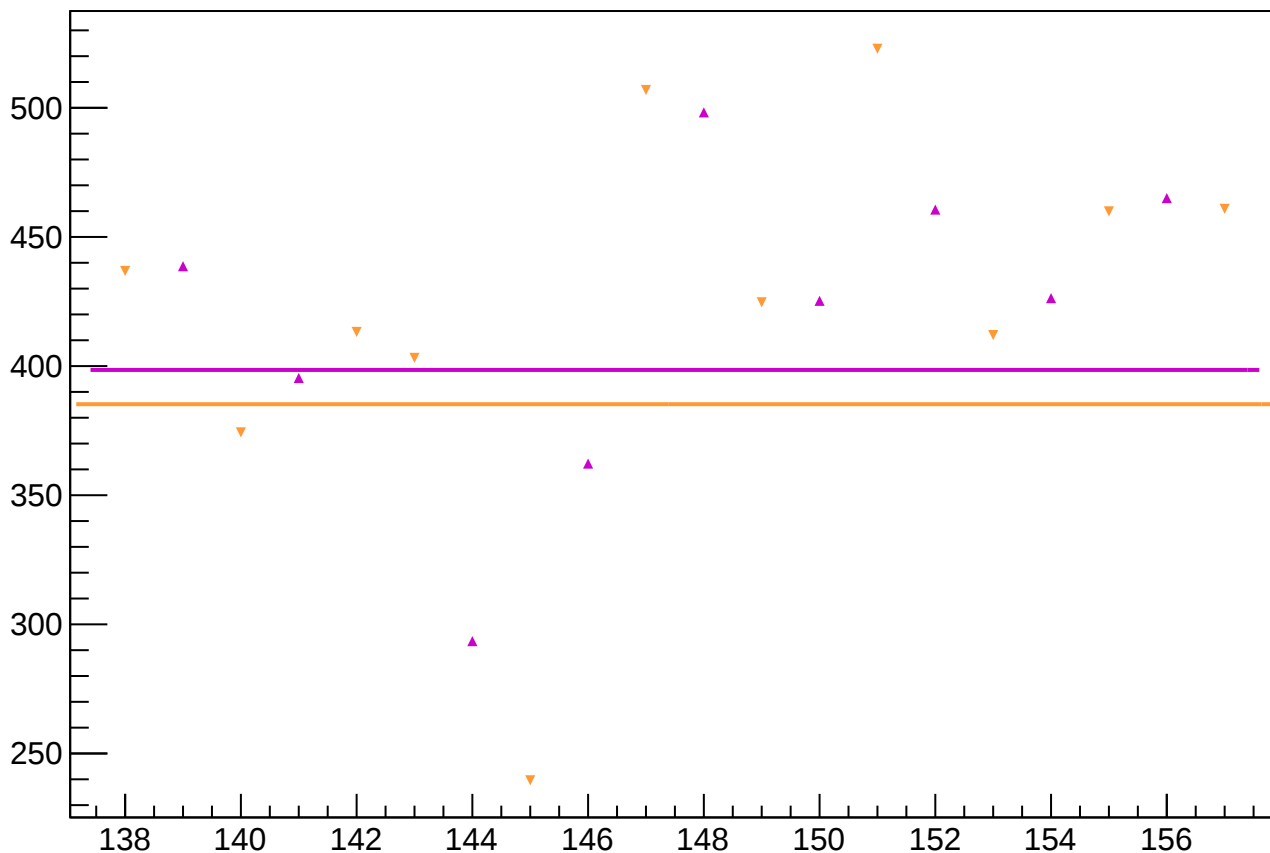
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 240.609+/-148.723 χ^2/NDF :15.0/8

Out: 167.090+/-138.204 χ^2/NDF :19.3/10

All: 201.158+/-101.240 χ^2/NDF : 34.3/19

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: 385.238+/-0.098 χ^2/NDF : 891358.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 398.508+/-0.105 χ^2/NDF : 377765.4/8

Left: 391.387+/-0.072 χ^2/NDF : 1277669.0/19

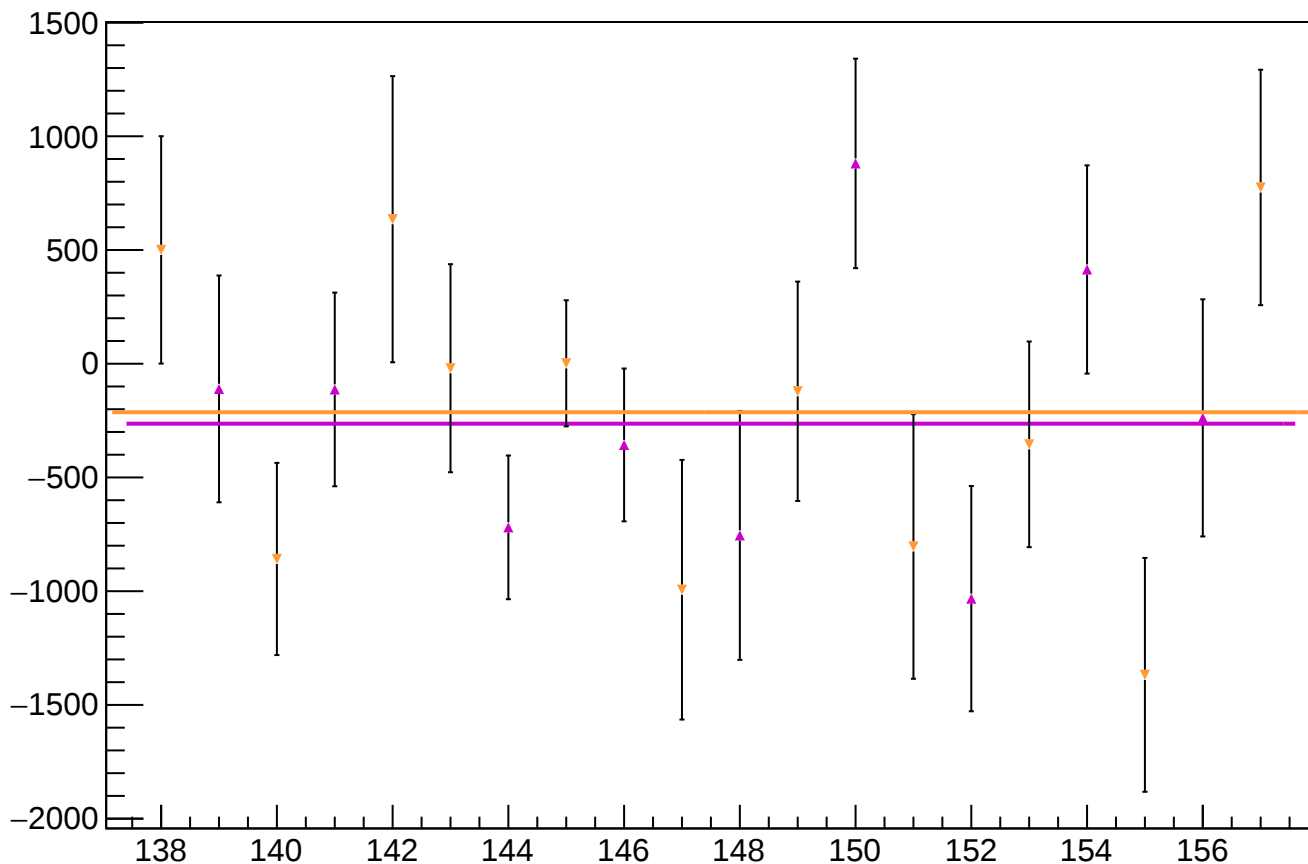
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 398.508+/-0.105 χ^2/NDF : 377765.4/8

Out: 385.238+/-0.098 χ^2/NDF : 891358.6/10

All: 391.387+/-0.072 χ^2/NDF : 1277669.0/19

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -213.237+/-137.789 χ^2/NDF :18.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -263.620+/-142.849 χ^2/NDF :14.0/8

Left: -237.520+/-99.172 χ^2/NDF : 32.7/19

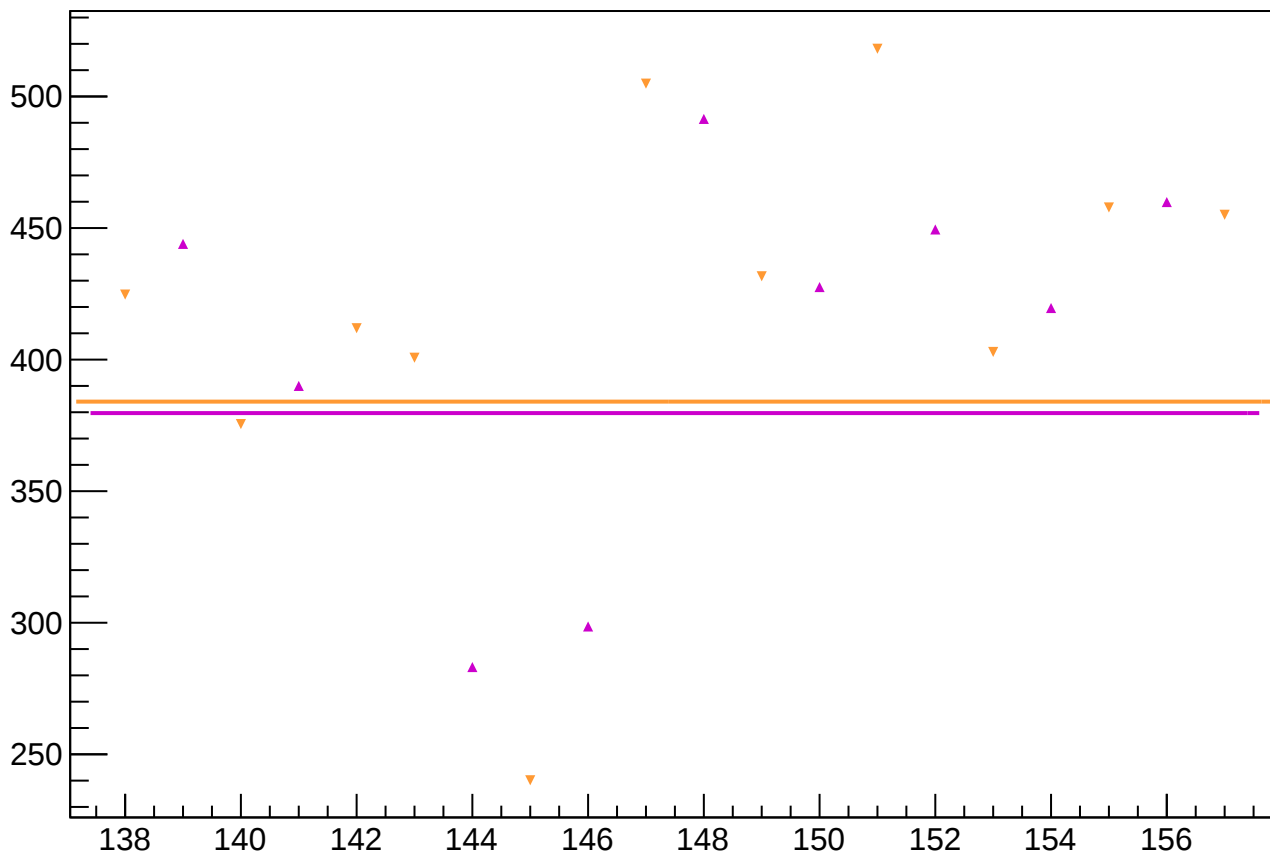
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -263.620+/-142.849 χ^2/NDF :14.0/8

Out: -213.237+/-137.789 χ^2/NDF :18.7/10

All: -237.520+/-99.172 χ^2/NDF : 32.7/19

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 384.037+/-0.097 χ^2/NDF :857754.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 379.677+/-0.101 χ^2/NDF :545052.6/8

Left: 381.935+/-0.070 χ^2/NDF : 1403772.6/19

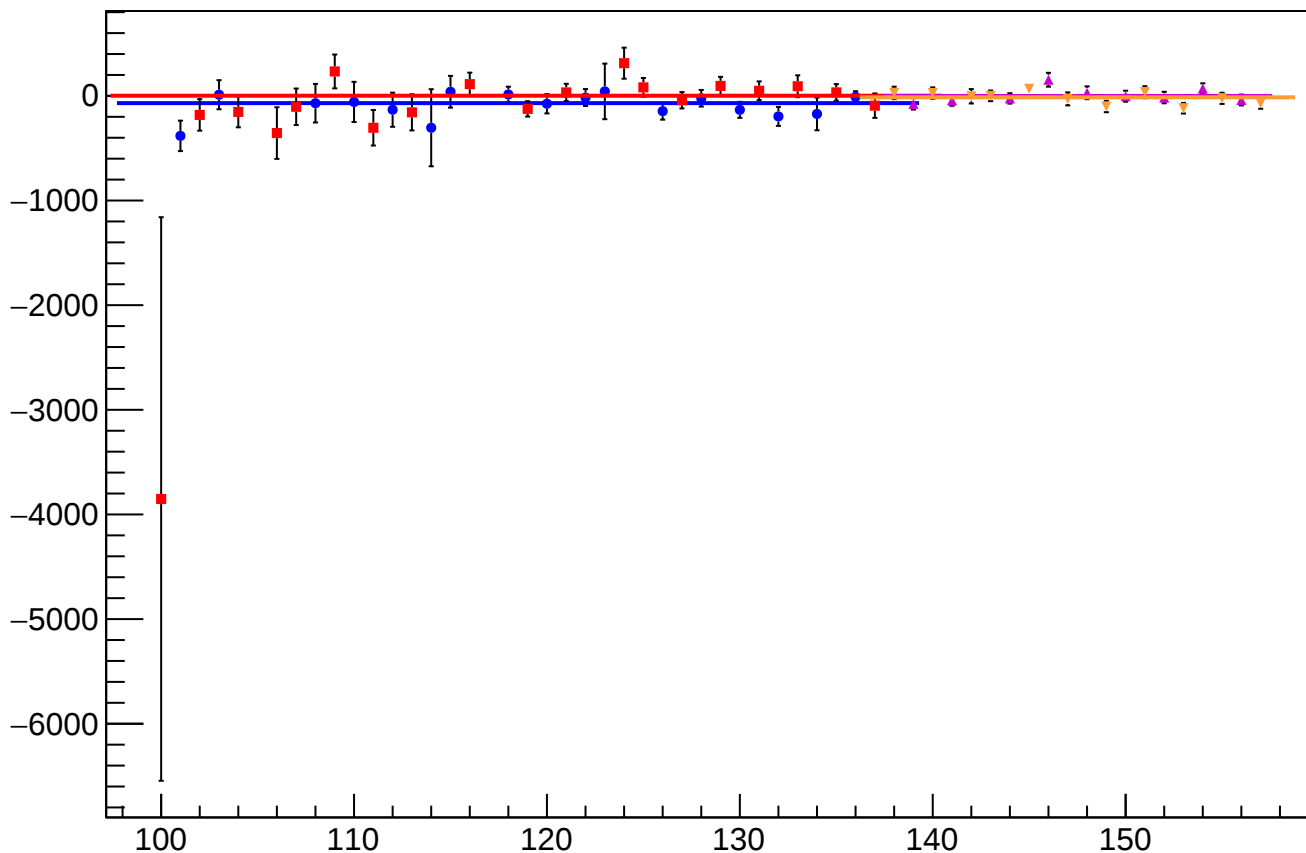
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.677+/-0.101 χ^2/NDF :545052.6/8

Out: 384.037+/-0.097 χ^2/NDF :857754.9/10

All: 381.935+/-0.070 χ^2/NDF : 1403772.6/19

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: -13.942 ± 16.240 χ^2/NDF : 13.8/10

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -0.846 ± 17.976 χ^2/NDF : 11.2/8

Left: -8.057 ± 12.051 χ^2/NDF : 25.3/19

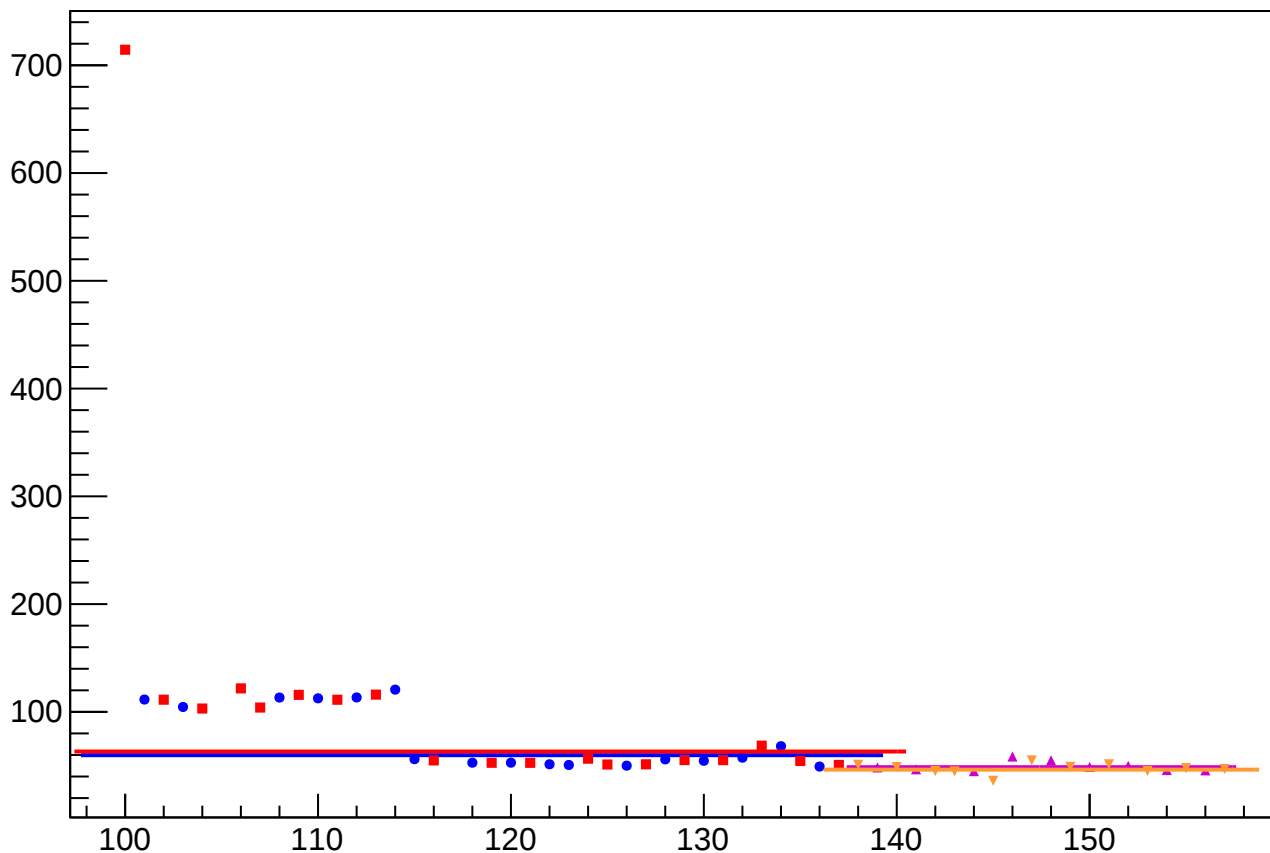
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -25.070 ± 14.443 χ^2/NDF : 29.8/25

Out: -9.335 ± 13.649 χ^2/NDF : 39.9/29

All: -16.758 ± 9.920 χ^2/NDF : 70.4/55

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: 46.377+/-0.011 χ^2/NDF : 203311.7/10

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 48.663+/-0.013 χ^2/NDF : 93071.7/8

Left: 47.404+/-0.009 χ^2/NDF : 314186.7/19

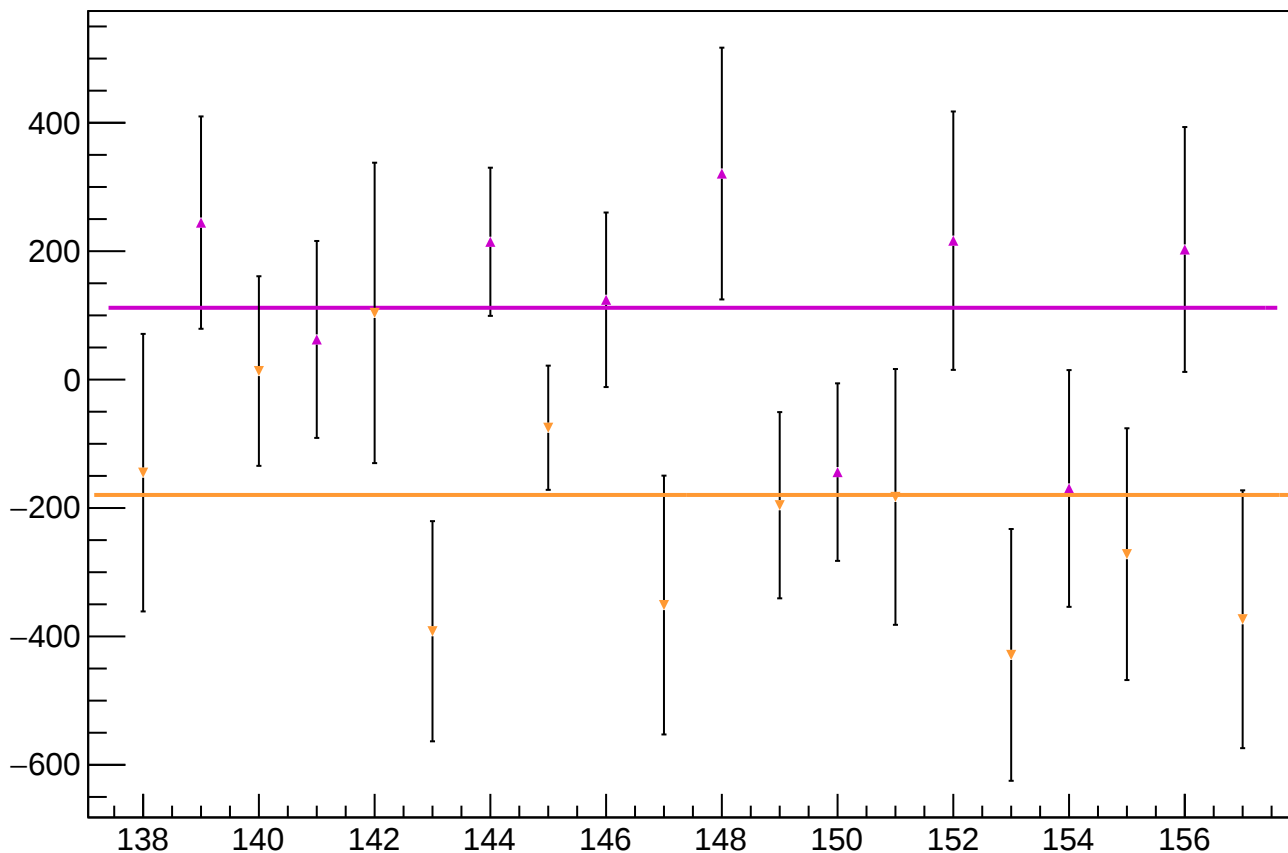
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 52.613+/-0.010 χ^2/NDF : 1595595.0/25

Out: 51.324+/-0.010 χ^2/NDF : 2339563.5/29

All: 51.932+/-0.007 χ^2/NDF : 3943577.4/55

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -179.648+/-49.961 χ^2/NDF : 9.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 111.848+/-52.110 χ^2/NDF : 8.9/8

Left: -40.034+/-36.063 χ^2/NDF : 34.7/19

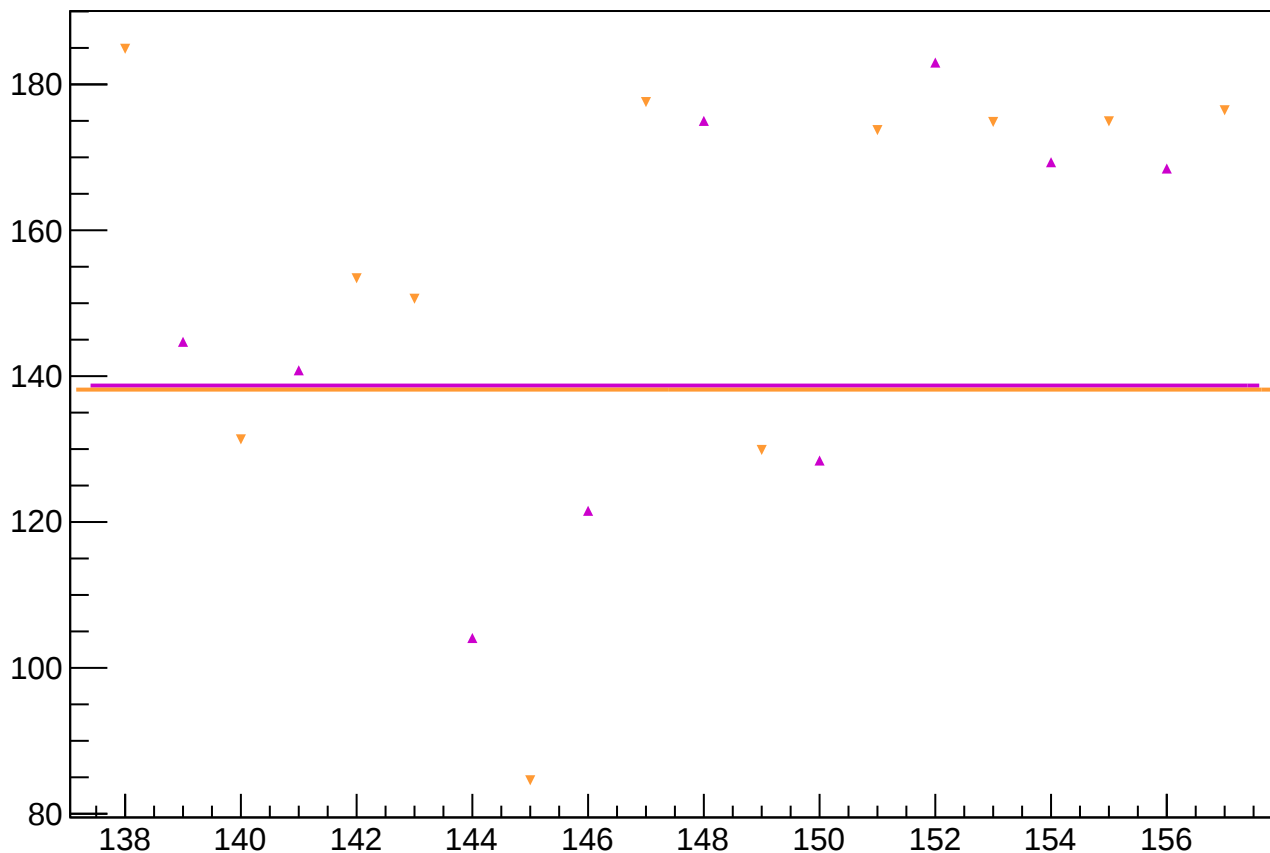
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 111.848+/-52.110 χ^2/NDF : 8.9/8

Out: -179.648+/-49.961 χ^2/NDF : 9.4/10

All: -40.034+/-36.063 χ^2/NDF : 34.7/19

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: 138.155+/-0.035 χ^2/NDF :1090181.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 138.707+/-0.037 χ^2/NDF :495177.0/8

Left: 138.419+/-0.026 χ^2/NDF : 1585475.4/19

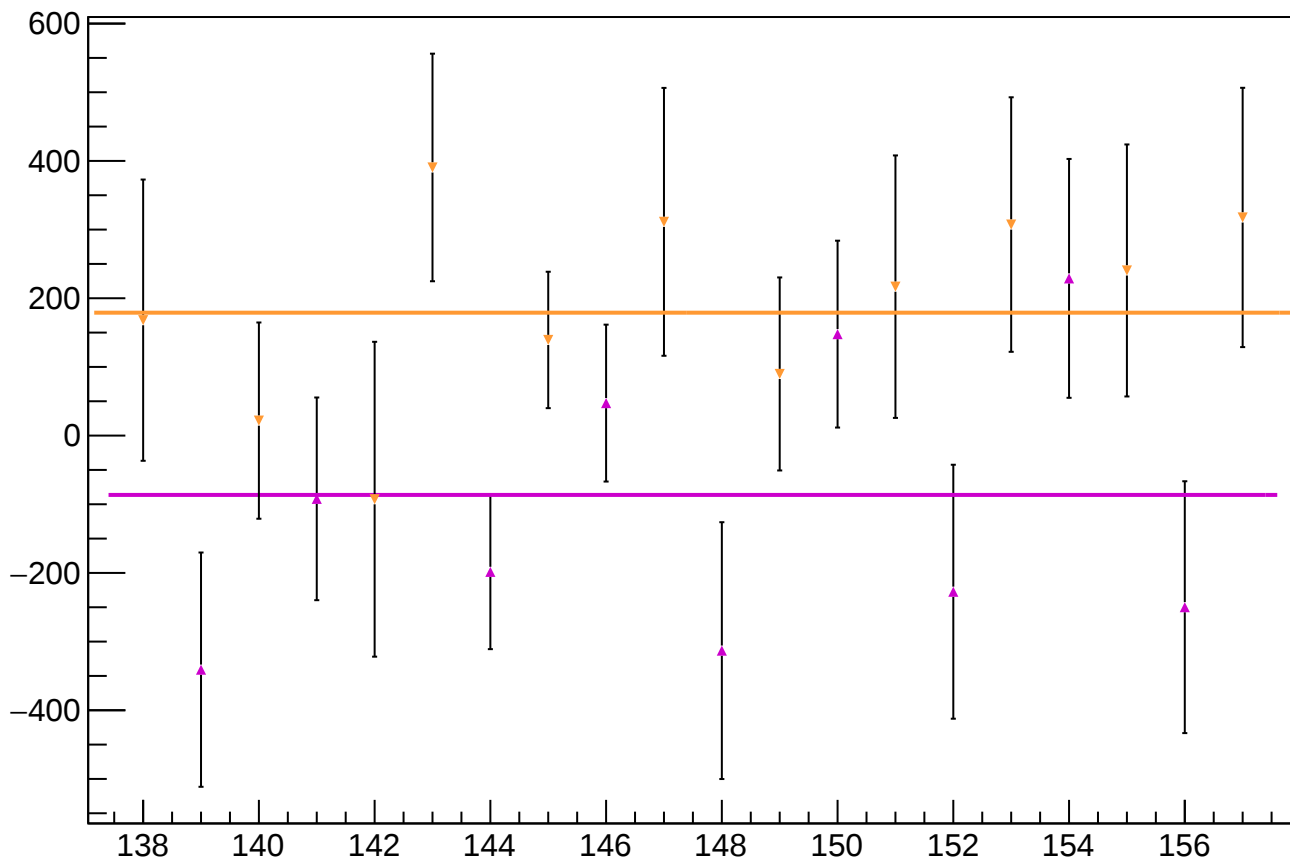
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.707+/-0.037 χ^2/NDF :495177.0/8

Out: 138.155+/-0.035 χ^2/NDF :1090181.4/10

All: 138.419+/-0.026 χ^2/NDF : 1585475.4/19

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 178.993+/-48.751 χ^2/NDF : 6.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -86.403+/-49.359 χ^2/NDF : 13.7/8

Left: 47.939+/-34.685 χ^2/NDF : 34.8/19

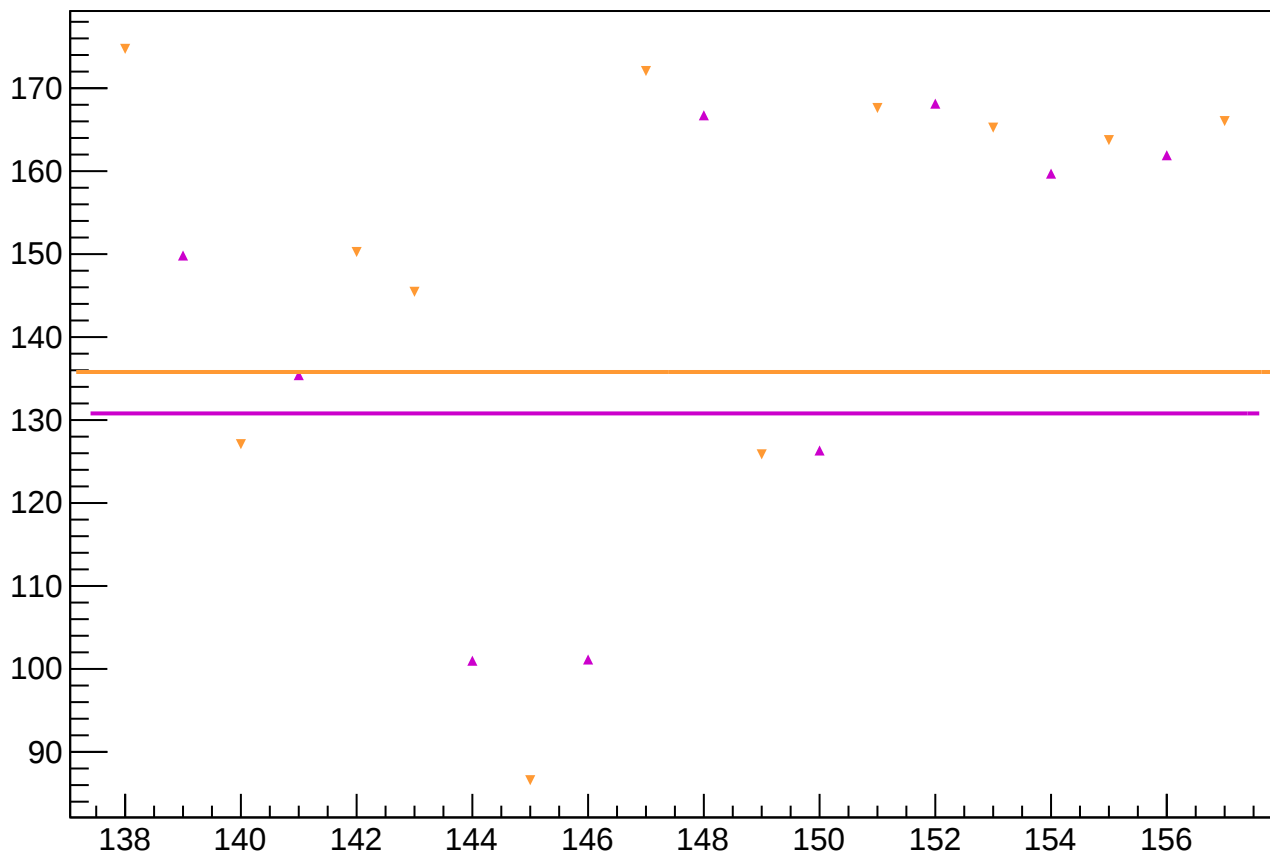
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.403+/-49.359 χ^2/NDF : 13.7/8

Out: 178.993+/-48.751 χ^2/NDF : 6.4/10

All: 47.939+/-34.685 χ^2/NDF : 34.8/19

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 135.792+/-0.034 χ^2/NDF : 868121.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 130.799+/-0.035 χ^2/NDF : 572251.5/8

Left: 133.326+/-0.025 χ^2/NDF : 1450734.4/19

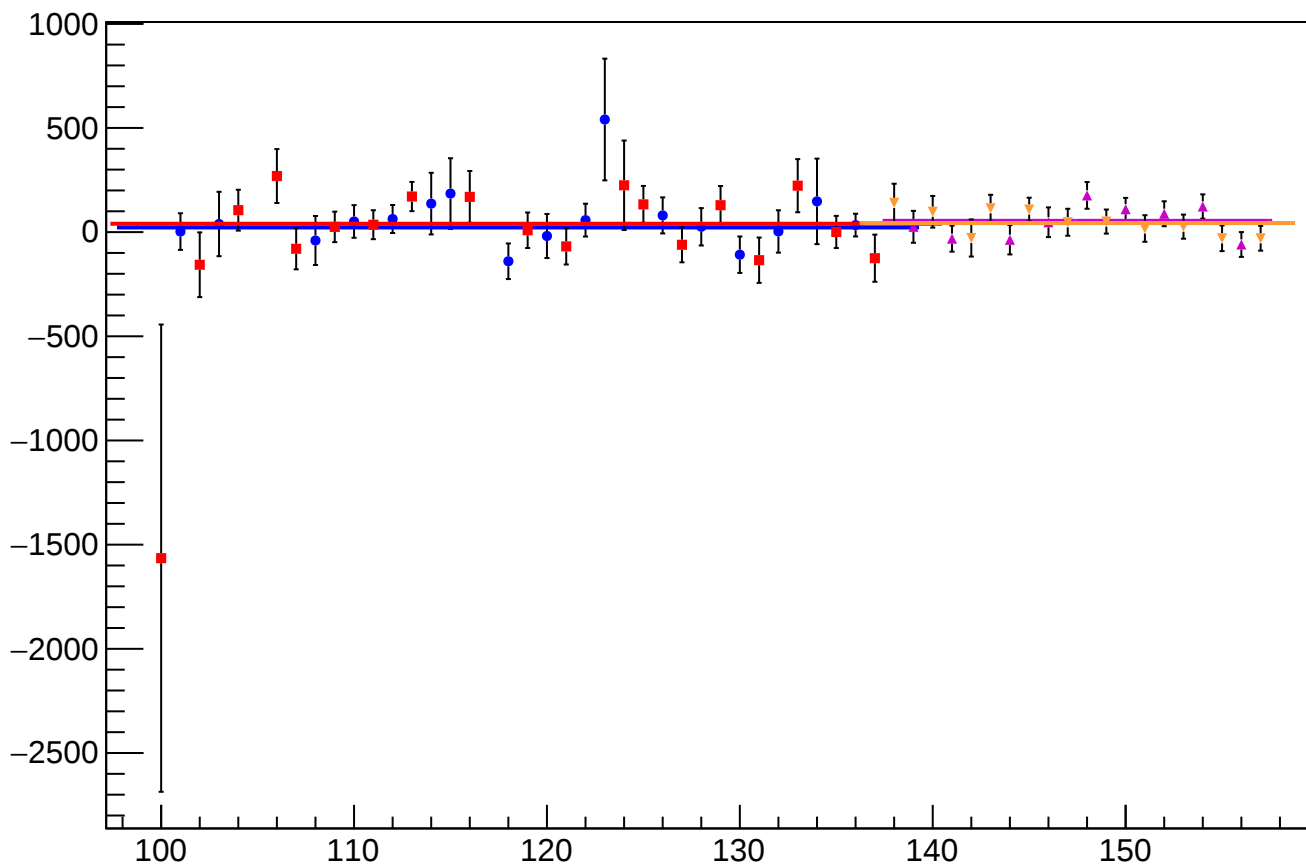
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.799+/-0.035 χ^2/NDF : 572251.5/8

Out: 135.792+/-0.034 χ^2/NDF : 868121.0/10

All: 133.326+/-0.025 χ^2/NDF : 1450734.4/19

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 43.572+/-19.635 χ^2/NDF : 7.9/10

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: 54.086+/-21.019 χ^2/NDF : 13.7/8

Left: 48.471+/-14.349 χ^2/NDF : 21.8/19

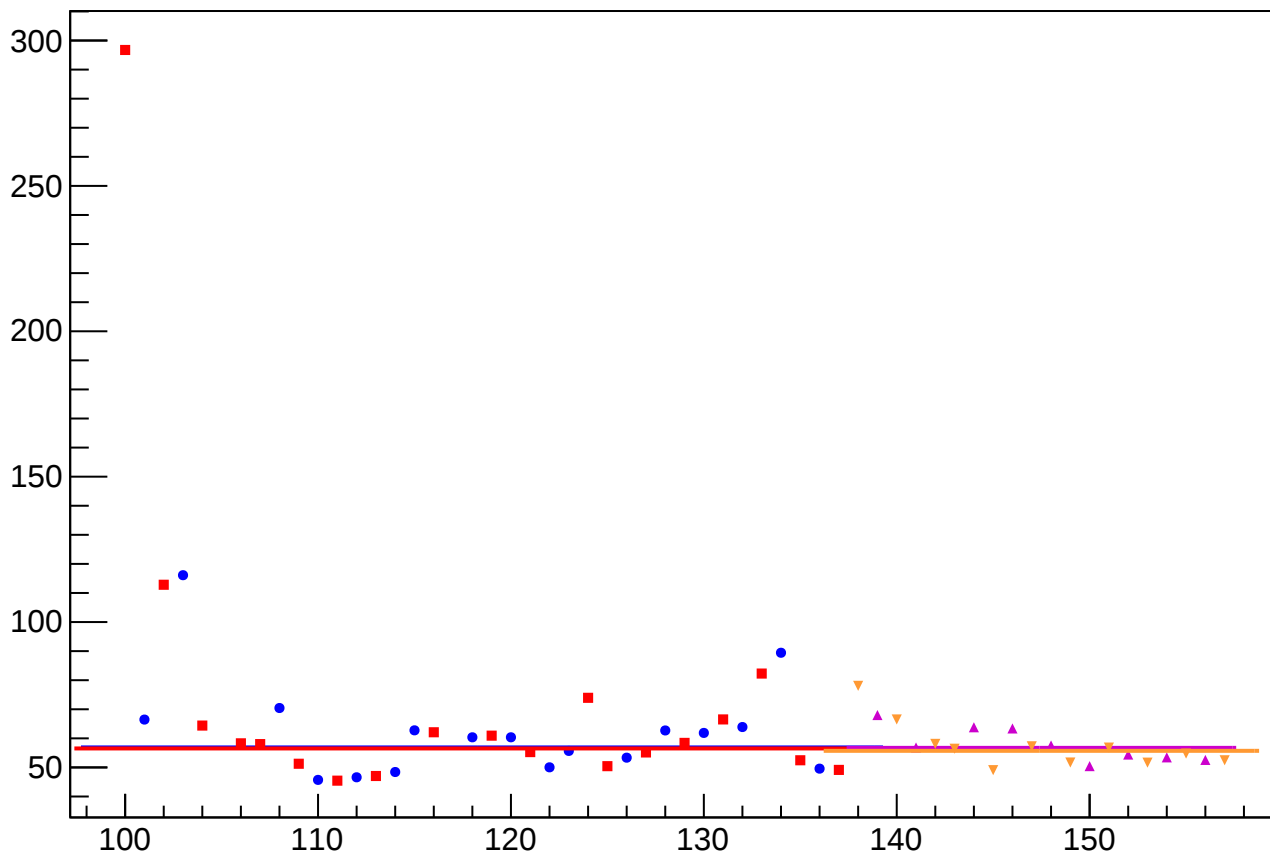
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 39.389+/-15.399 χ^2/NDF : 27.4/25

Out: 42.105+/-14.688 χ^2/NDF : 34.2/29

All: 40.811+/-10.628 χ^2/NDF : 61.6/55

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: 55.711 $\pm$ 0.014 χ^2 /NDF: 215097.8/10

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.729 $\pm$ 0.015 χ^2 /NDF: 127197.1/8

Left: 56.186 $\pm$ 0.010 χ^2 /NDF: 344802.1/19

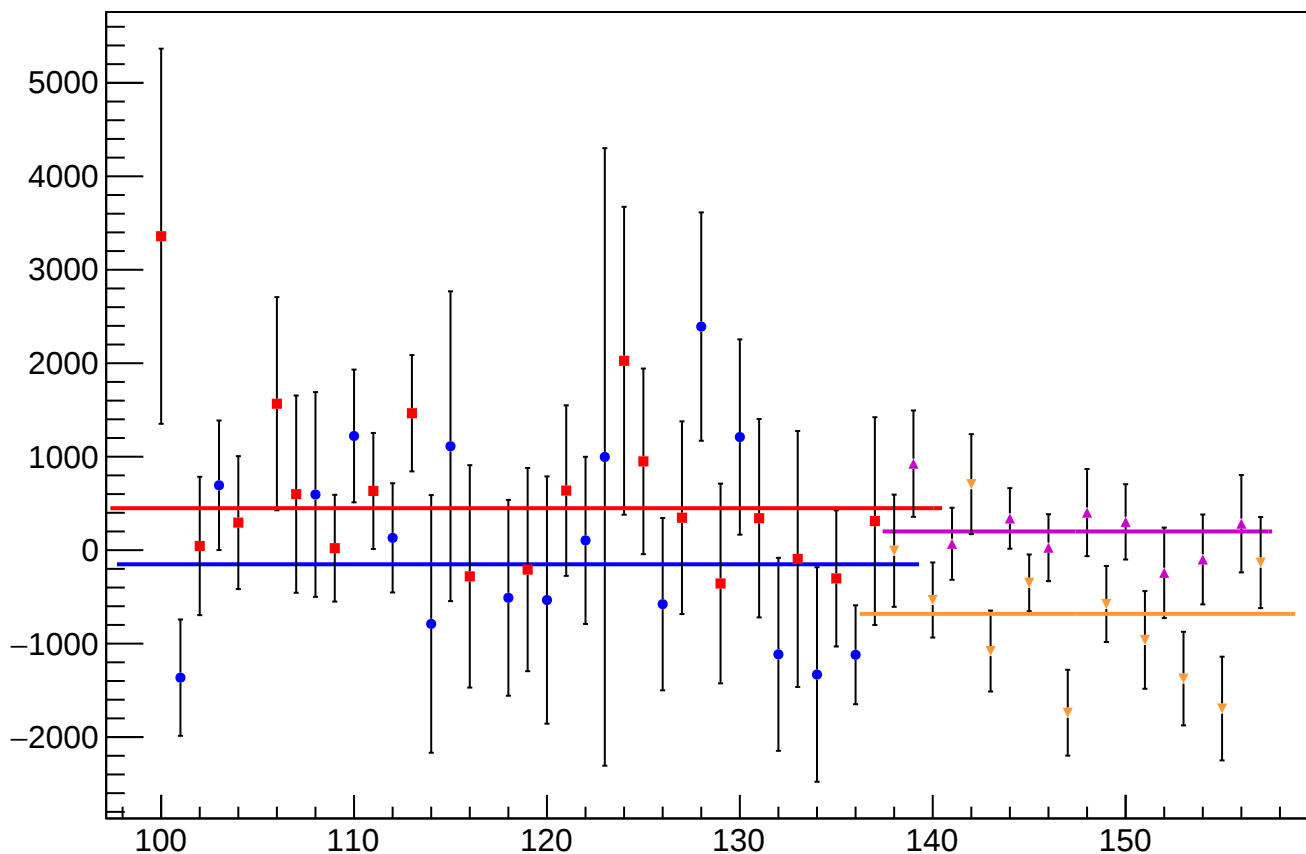
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.799 $\pm$ 0.011 χ^2 /NDF: 702731.0/25

Out: 56.071 $\pm$ 0.010 χ^2 /NDF: 828895.3/29

All: 56.417 $\pm$ 0.008 χ^2 /NDF: 1533966.3/55

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -681.578+/-135.365 χ^2/NDF :22.4/10

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 200.139+/-141.170 χ^2/NDF :3.7/8

Left: -259.221+/-97.705 χ^2/NDF : 46.3/19

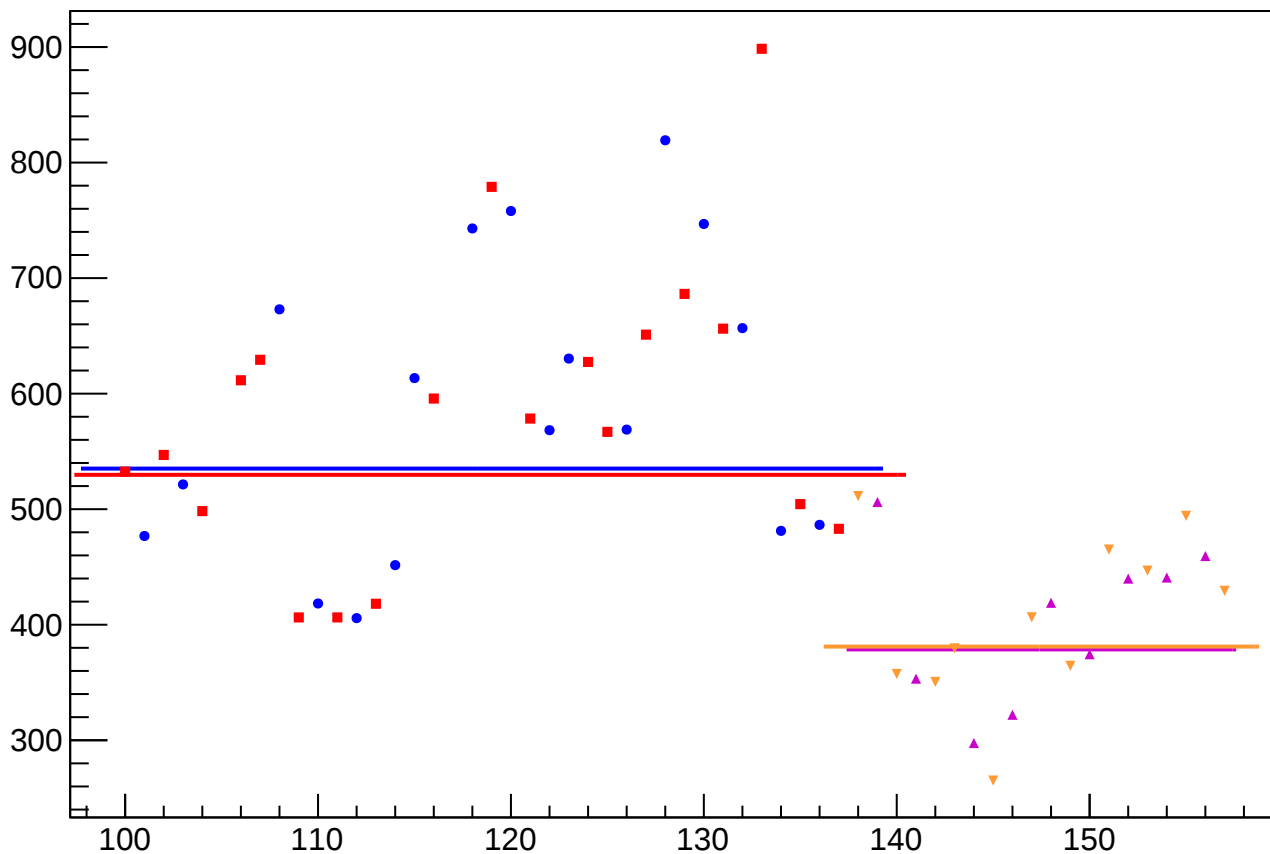
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 92.525+/-117.578 χ^2/NDF :28.0/25

Out: -335.978+/-112.792 χ^2/NDF :54.2/29

All: -130.626+/-81.395 χ^2/NDF : 89.1/55

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 381.084 $\pm$ 0.096 χ^2 /NDF: 598293.8/10

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 378.633 $\pm$ 0.100 χ^2 /NDF: 412819.1/8

Left: 379.910 $\pm$ 0.069 χ^2 /NDF: 1011427.0/19

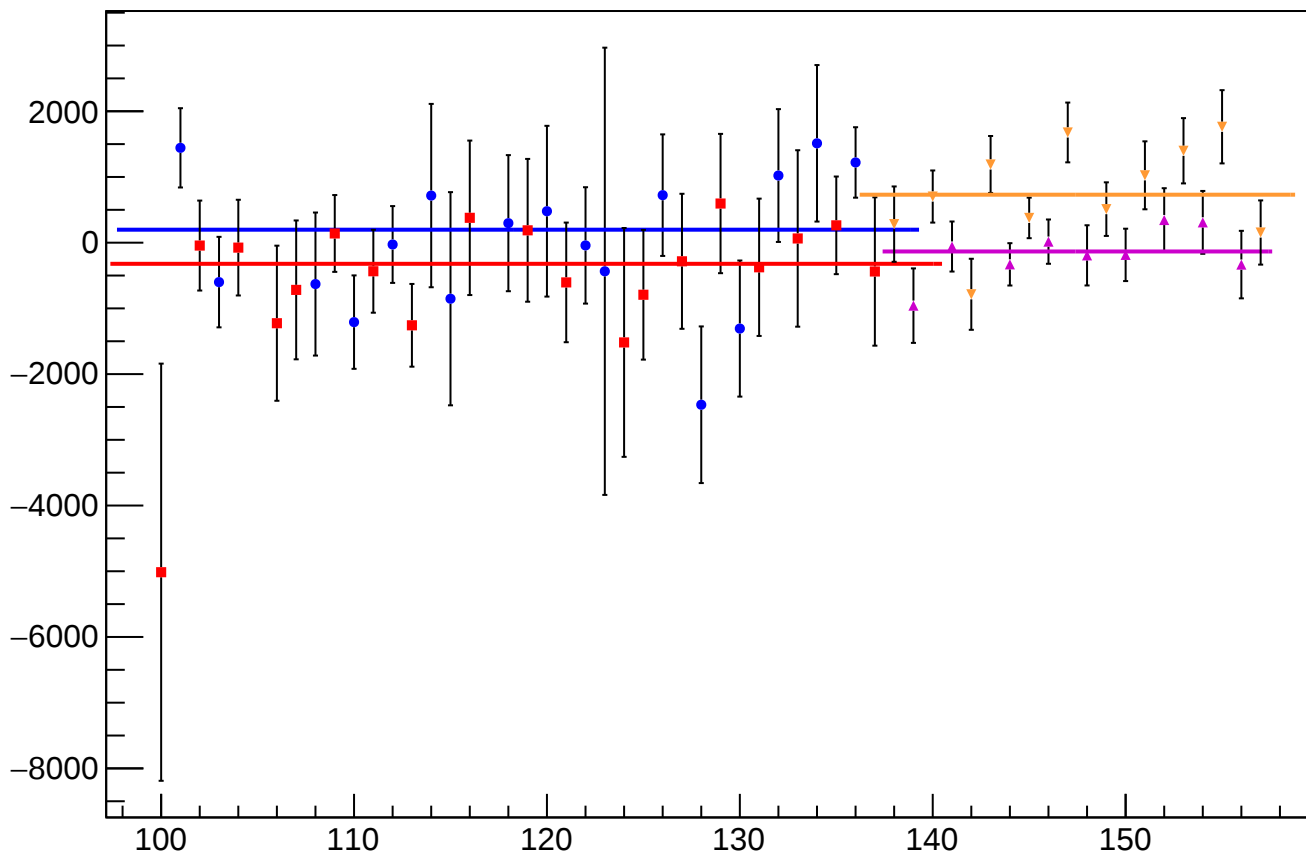
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 426.570 $\pm$ 0.083 χ^2 /NDF: 1761827.2/25

Out: 426.531 $\pm$ 0.080 χ^2 /NDF: 1982474.3/29

All: 426.550 $\pm$ 0.058 χ^2 /NDF: 3744301.5/55

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 730.153 $\pm$ 135.207 χ^2 /NDF:22.5/10

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -133.801 $\pm$ 138.750 χ^2 /NDF:4.7/8

Left: 309.346 $\pm$ 96.834 χ^2 /NDF: 47.1/19

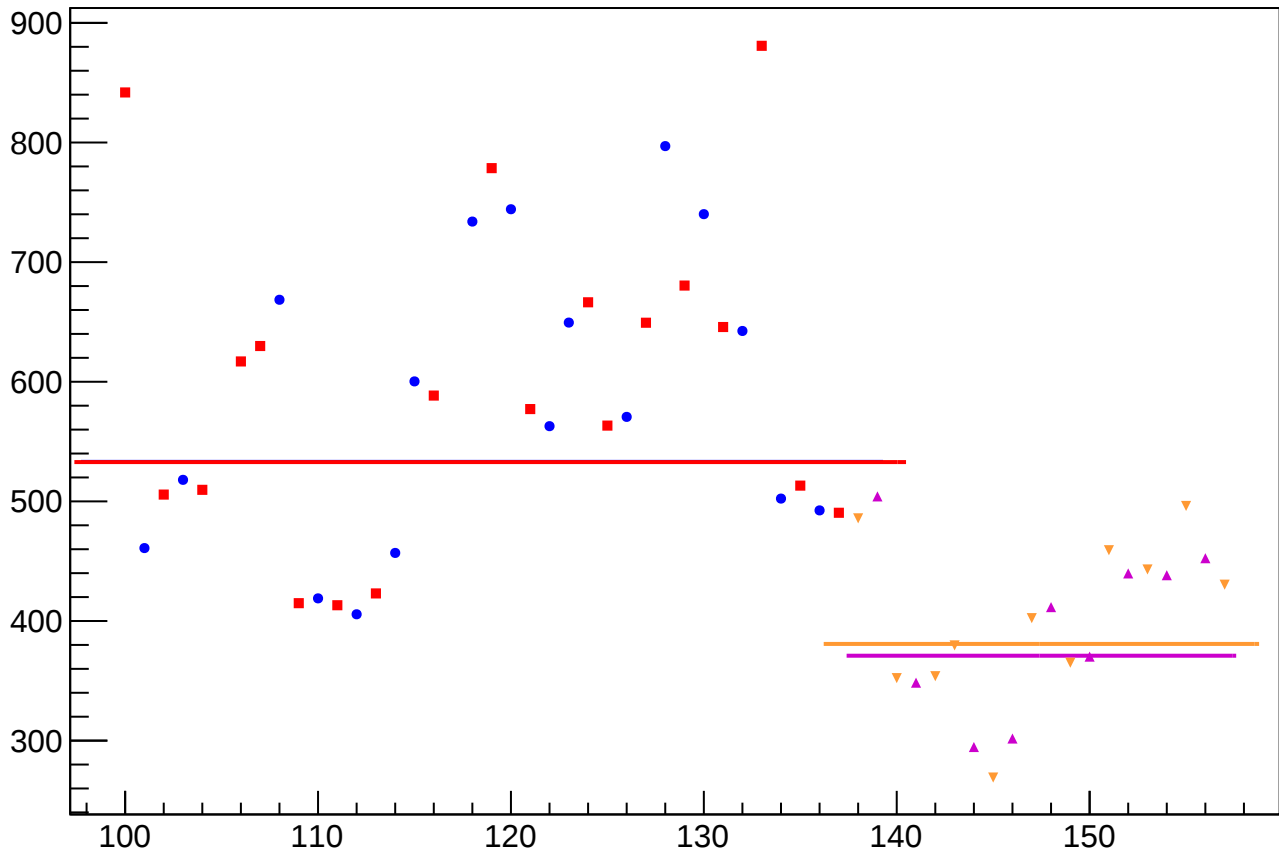
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -34.087 $\pm$ 116.010 χ^2 /NDF:30.4/25

Out: 411.921 $\pm$ 112.913 χ^2 /NDF:49.7/29

All: 194.948 $\pm$ 80.914 χ^2 /NDF: 87.7/55

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 380.836 $\pm$ 0.096 χ^2/NDF : 535532.9/10

Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18

Left In: 370.985 $\pm$ 0.098 χ^2/NDF : 460148.3/8

Left: 376.038 $\pm$ 0.068 χ^2/NDF : 1000851.7/19

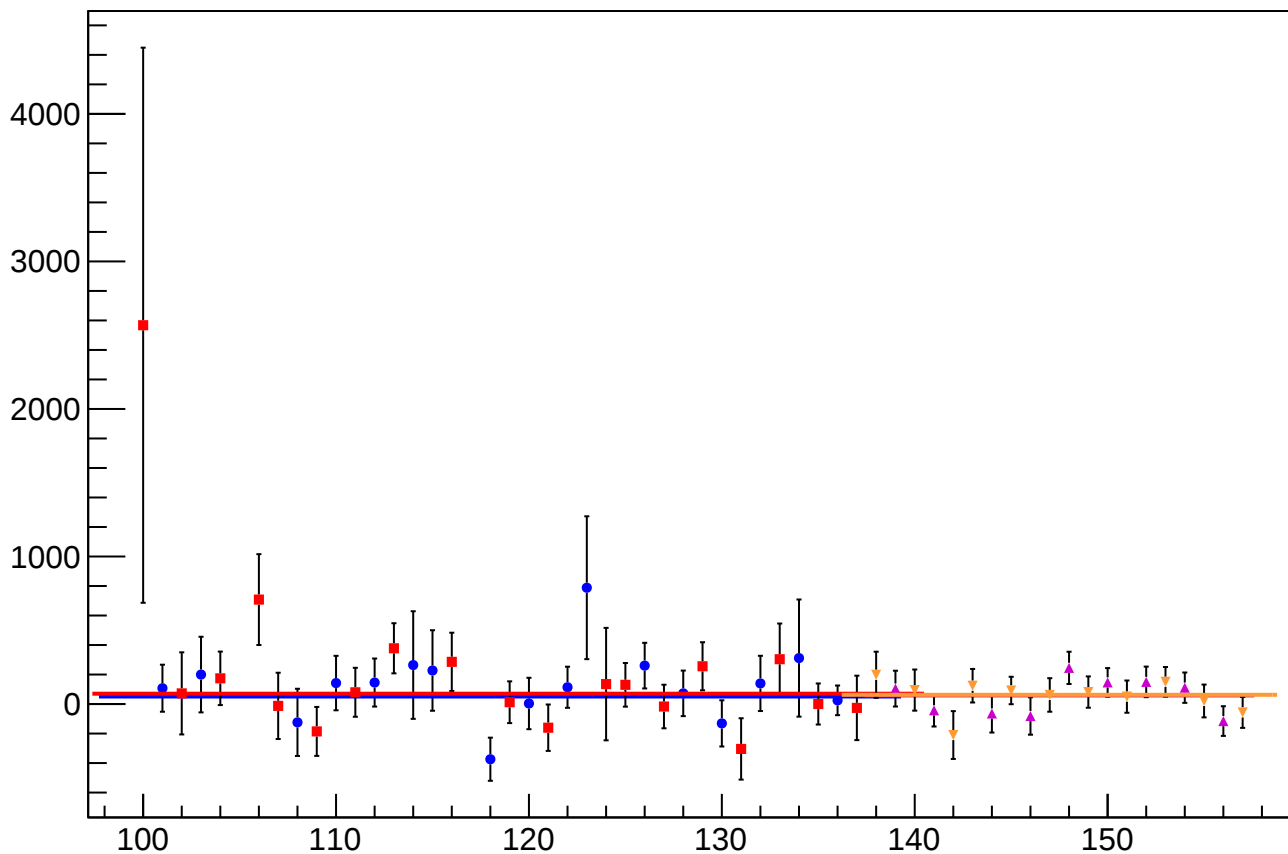
Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35

In: 419.748 $\pm$ 0.082 χ^2/NDF : 1847908.5/25

Out: 426.835 $\pm$ 0.080 χ^2/NDF : 1917523.7/29

All: 423.387 $\pm$ 0.057 χ^2/NDF : 3769264.4/55

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 62.636+/-34.402 χ^2/NDF : 6.3/10

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 58.503+/-36.523 χ^2/NDF : 10.9/8

Left: 60.693+/-25.042 χ^2/NDF : 17.2/19

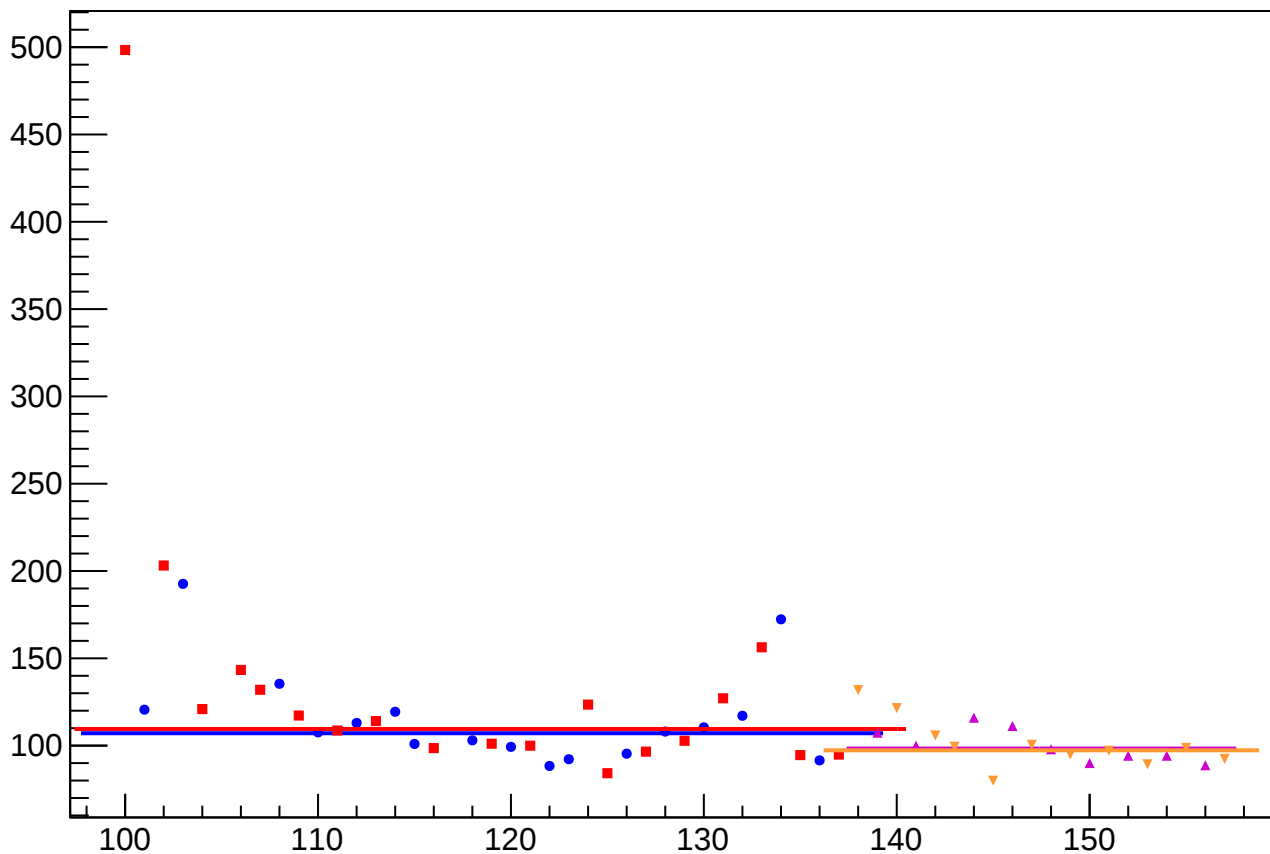
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 55.379+/-27.676 χ^2/NDF : 28.3/25

Out: 65.555+/-26.812 χ^2/NDF : 28.5/29

All: 60.628+/-19.257 χ^2/NDF : 56.8/55

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2/NDF : 437755.4/16

Left Out: 97.314 $\pm$ 0.024 χ^2/NDF : 253445.3/10

Right Out: 109.530 $\pm$ 0.030 χ^2/NDF : 591522.9/18

Left In: 98.314 $\pm$ 0.026 χ^2/NDF : 109099.8/8

Left: 97.784 $\pm$ 0.018 χ^2/NDF : 363339.4/19

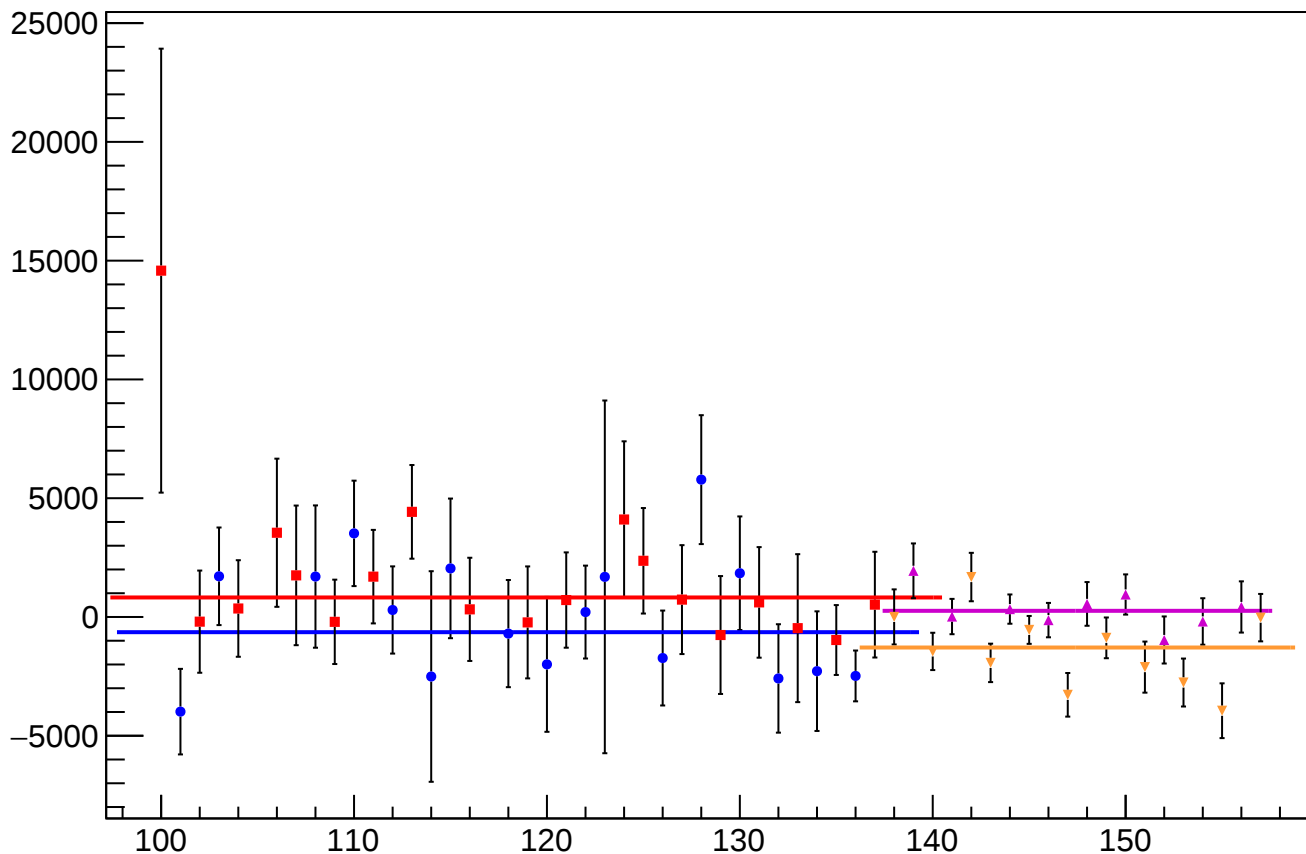
Right: 108.301 $\pm$ 0.021 χ^2/NDF : 1032549.7/35

In: 102.052 $\pm$ 0.020 χ^2/NDF : 596059.4/25

Out: 102.110 $\pm$ 0.019 χ^2/NDF : 943973.4/29

All: 102.082 $\pm$ 0.014 χ^2/NDF : 1540037.3/55

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -1285.457 $\pm$ 268.156 χ^2 /NDF:26.5/10

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 259.176 $\pm$ 281.642 χ^2 /NDF:5.1/8

Left: -551.003 $\pm$ 194.208 χ^2 /NDF: 47.4/19

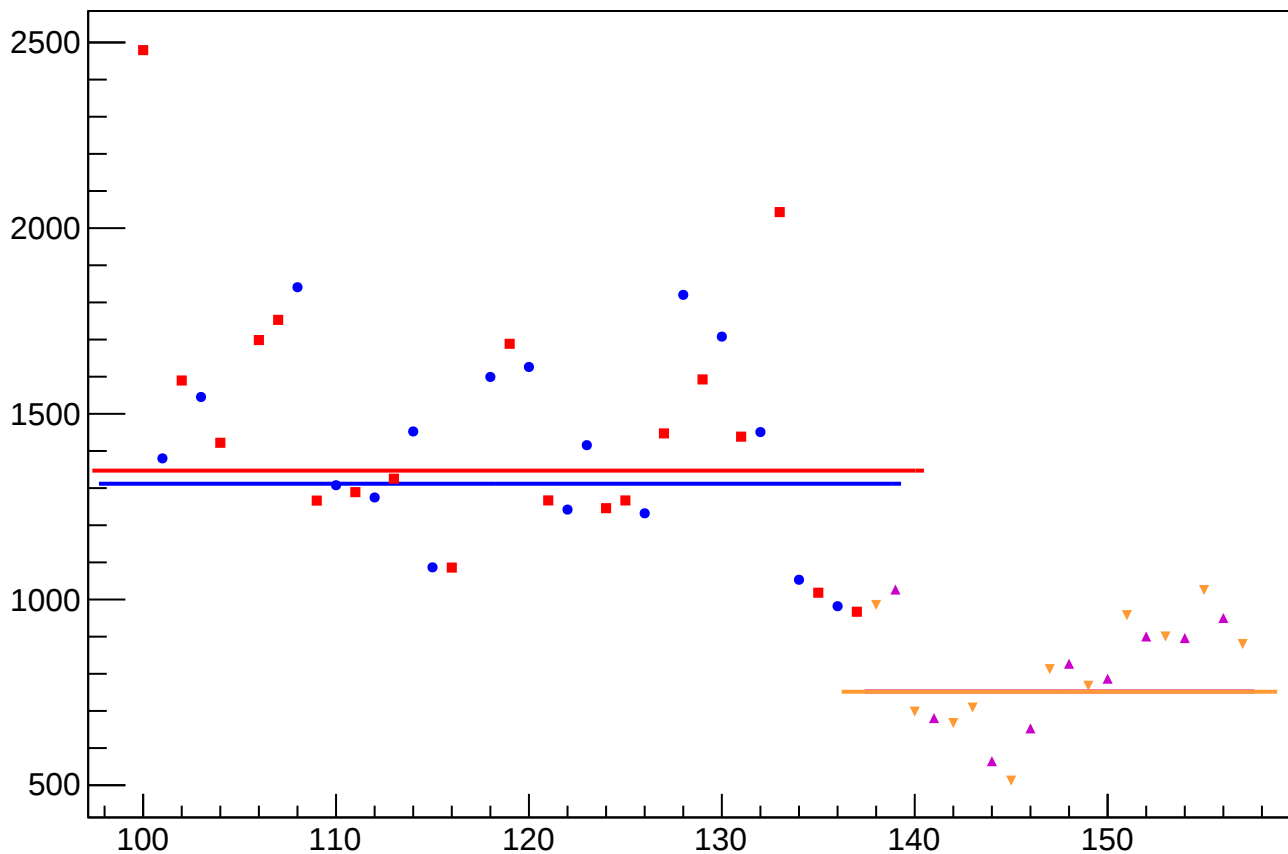
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 54.808 $\pm$ 247.569 χ^2 /NDF:29.2/25

Out: -836.974 $\pm$ 237.911 χ^2 /NDF:50.7/29

All: -408.817 $\pm$ 171.541 χ^2 /NDF: 86.6/55

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 751.692+/-0.190 χ^2/NDF : 714654.2/10

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 752.440+/-0.199 χ^2/NDF : 527315.0/8

Left: 752.048+/-0.137 χ^2/NDF : 1241976.6/19

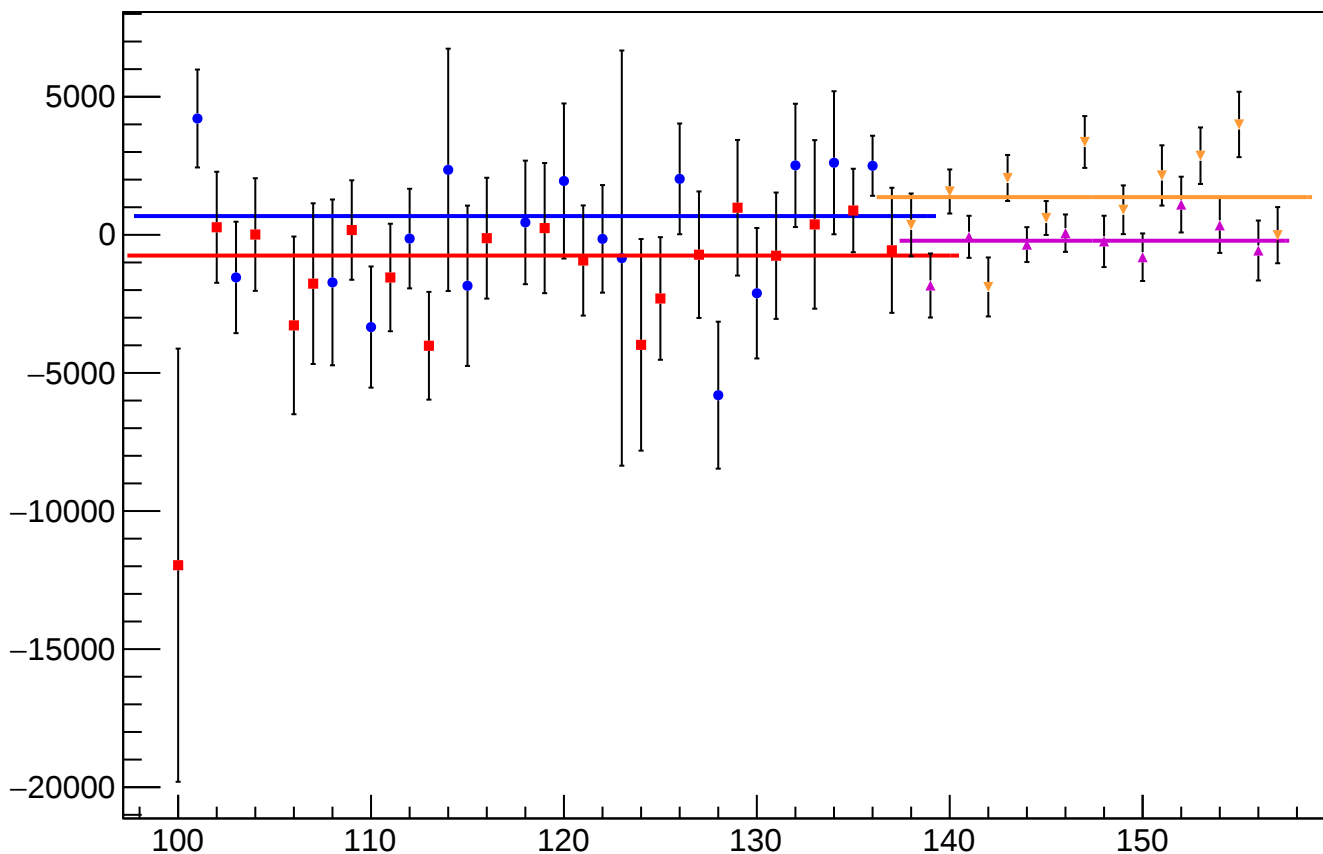
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 879.594+/-0.175 χ^2/NDF : 2833291.7/25

Out: 878.435+/-0.168 χ^2/NDF : 3304069.9/29

All: 878.991+/-0.121 χ^2/NDF : 6137384.4/55

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1366.340 $\pm$ 275.095 χ^2 /NDF:26.6/10

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -212.962 $\pm$ 282.845 χ^2 /NDF:4.8/8

Left: 598.623 $\pm$ 197.205 χ^2 /NDF: 47.4/19

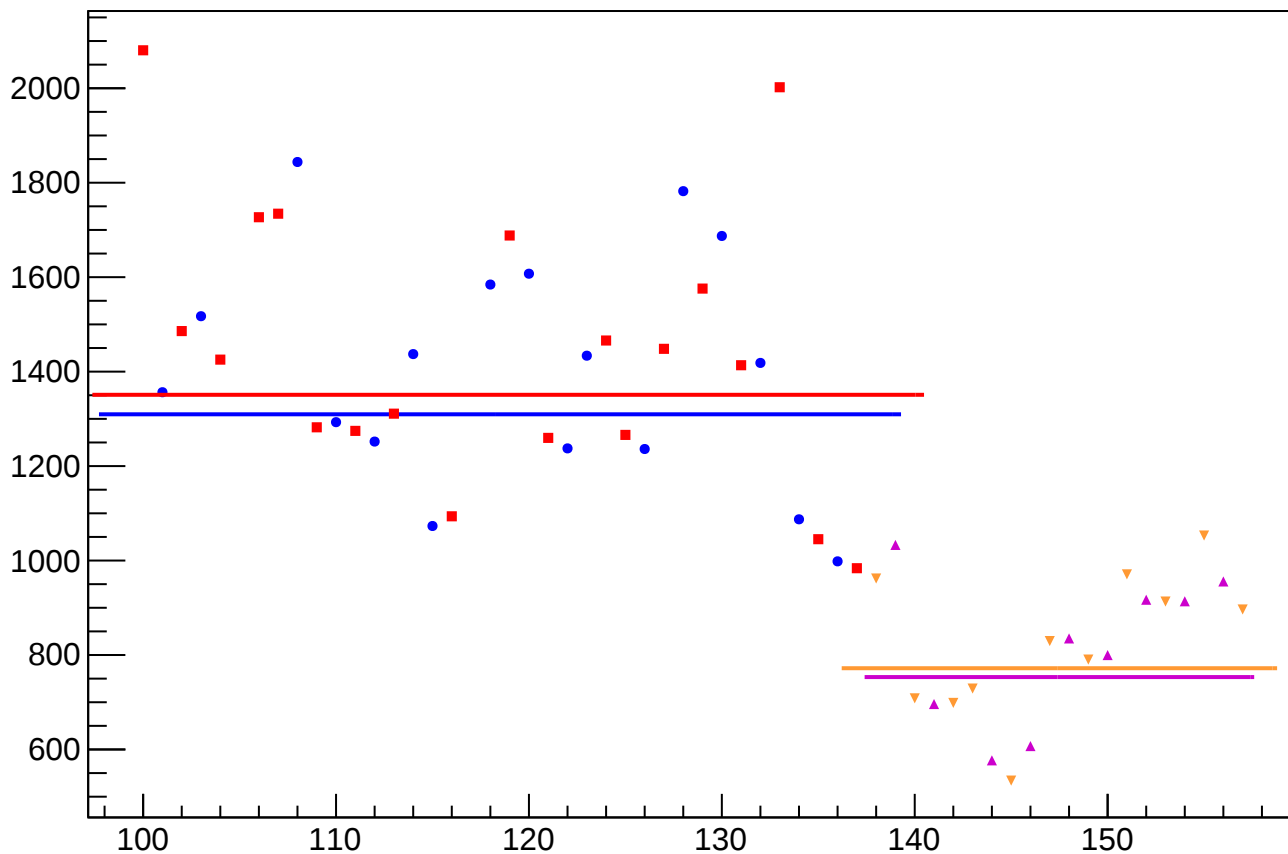
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: -7.588 $\pm$ 248.194 χ^2 /NDF:29.6/25

Out: 898.290 $\pm$ 242.772 χ^2 /NDF:49.4/29

All: 455.354 $\pm$ 173.551 χ^2 /NDF: 85.8/55

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 772.016 $\pm$ 0.195 χ^2/NDF : 639541.9/10

Right Out: 1350.942 $\pm$ 0.365 χ^2/NDF : 422723.4/18

Left In: 753.287 $\pm$ 0.200 χ^2/NDF : 572040.9/8

Left: 762.912 $\pm$ 0.139 χ^2/NDF : 1216089.3/19

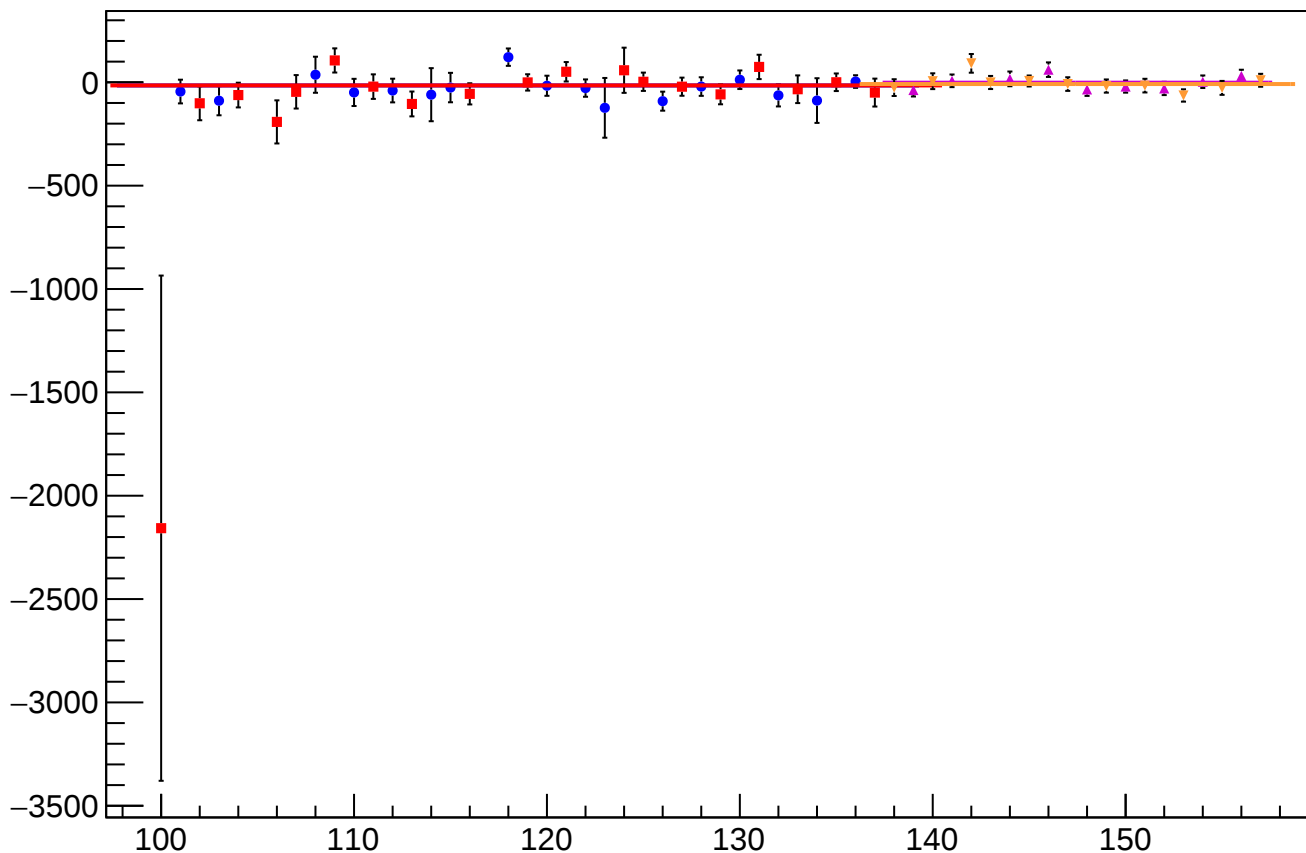
Right: 1330.350 $\pm$ 0.258 χ^2/NDF : 888419.4/35

In: 881.258 $\pm$ 0.175 χ^2/NDF : 2811286.6/25

Out: 900.069 $\pm$ 0.172 χ^2/NDF : 3021449.3/29

All: 890.871 $\pm$ 0.123 χ^2/NDF : 5838607.0/55

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -8.429 ± 9.986 $\chi^2/\text{NDF}: 9.8/10$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -1.838 ± 10.526 $\chi^2/\text{NDF}: 8.3/8$

Left: -5.307 ± 7.245 $\chi^2/\text{NDF}: 18.3/19$

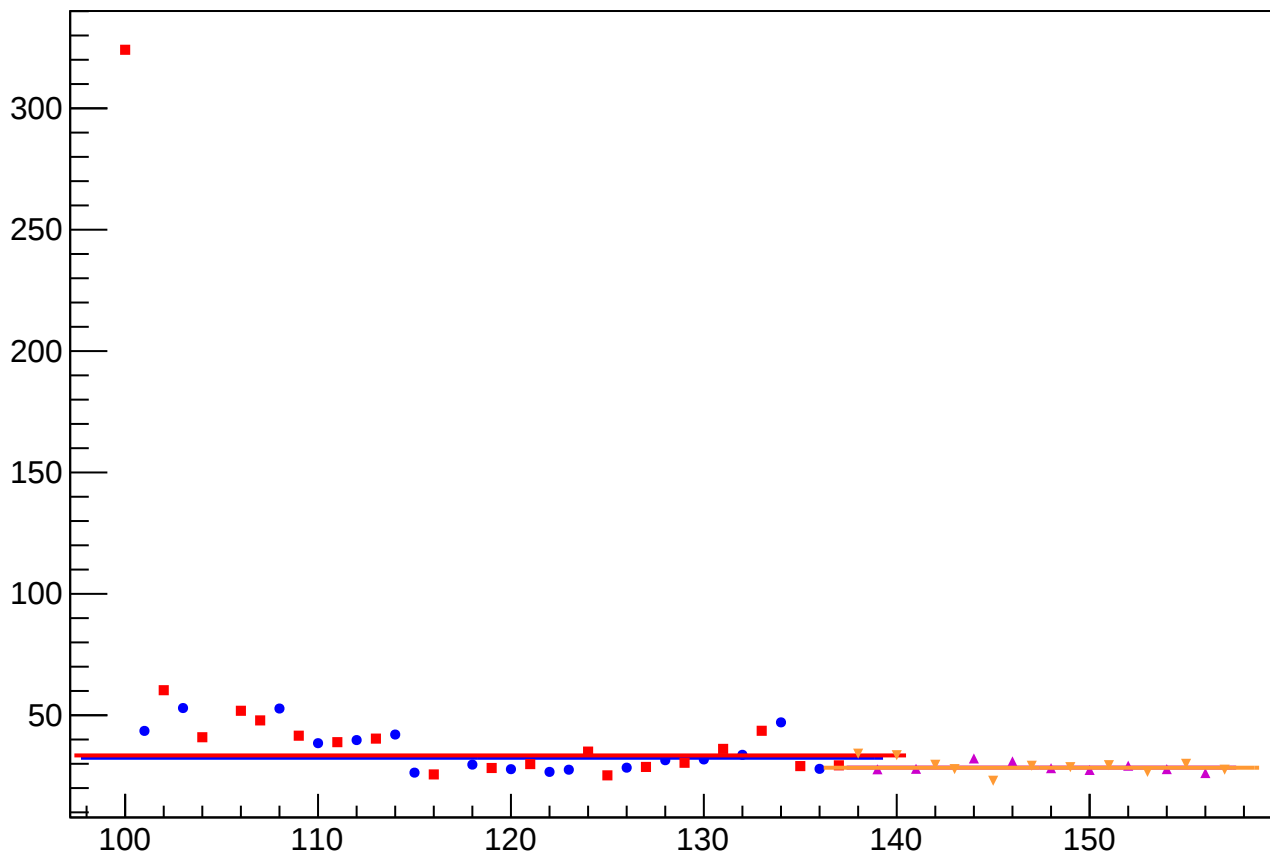
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -7.208 ± 8.157 $\chi^2/\text{NDF}: 27.3/25$

Out: -10.876 ± 7.941 $\chi^2/\text{NDF}: 31.2/29$

All: -9.091 ± 5.690 $\chi^2/\text{NDF}: 58.6/55$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.381 $\pm$ 0.007 χ^2 /NDF: 176629.6/10

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 28.435 $\pm$ 0.007 χ^2 /NDF: 50191.6/8

Left: 28.407 $\pm$ 0.005 χ^2 /NDF: 226848.4/19

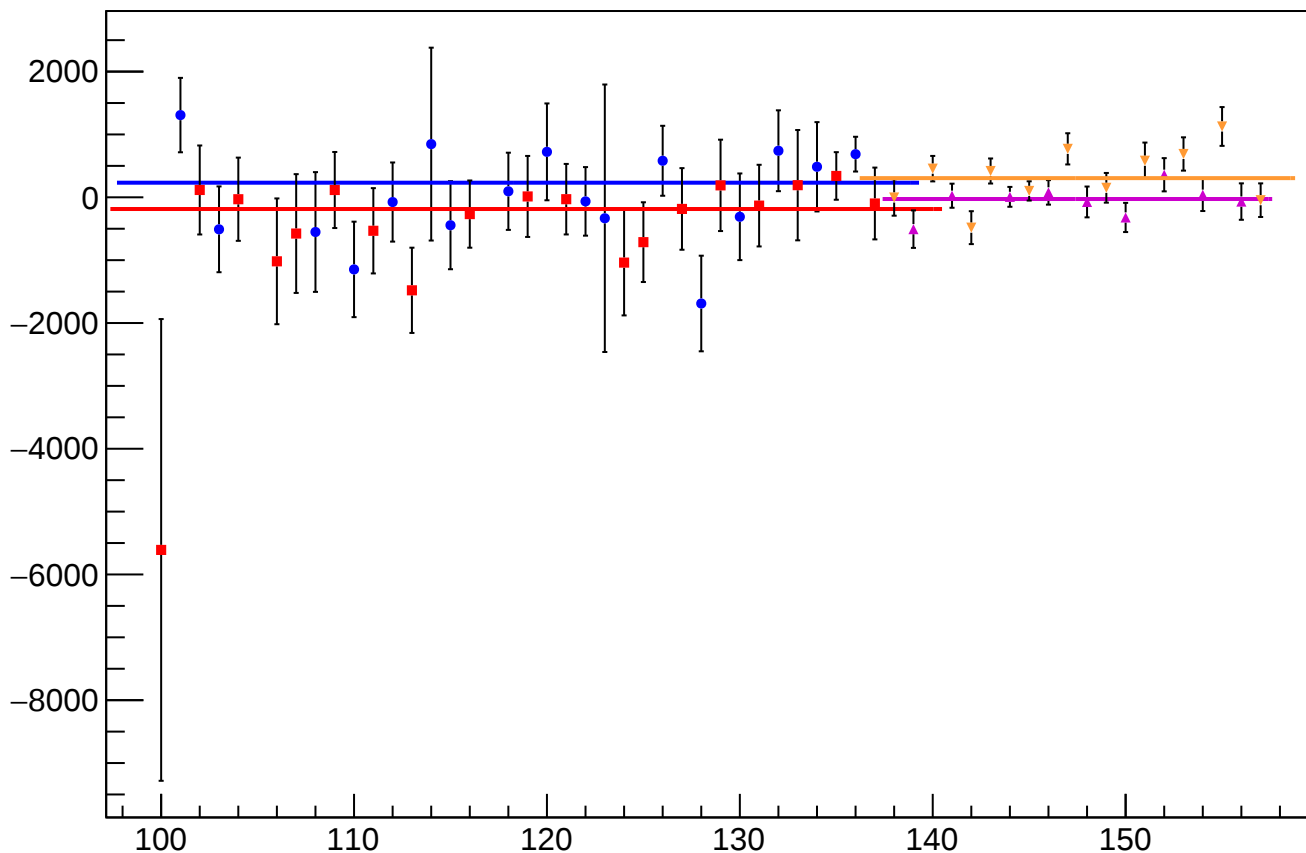
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 30.054 $\pm$ 0.006 χ^2 /NDF: 763180.3/25

Out: 30.243 $\pm$ 0.006 χ^2 /NDF: 1203991.7/29

All: 30.151 $\pm$ 0.004 χ^2 /NDF: 1967720.8/55

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: 305.061 $\pm$ 70.087 χ^2 /NDF:28.6/10

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -26.963 $\pm$ 74.308 χ^2 /NDF:6.9/8

Left: 148.747 $\pm$ 50.986 χ^2 /NDF: 46.0/19

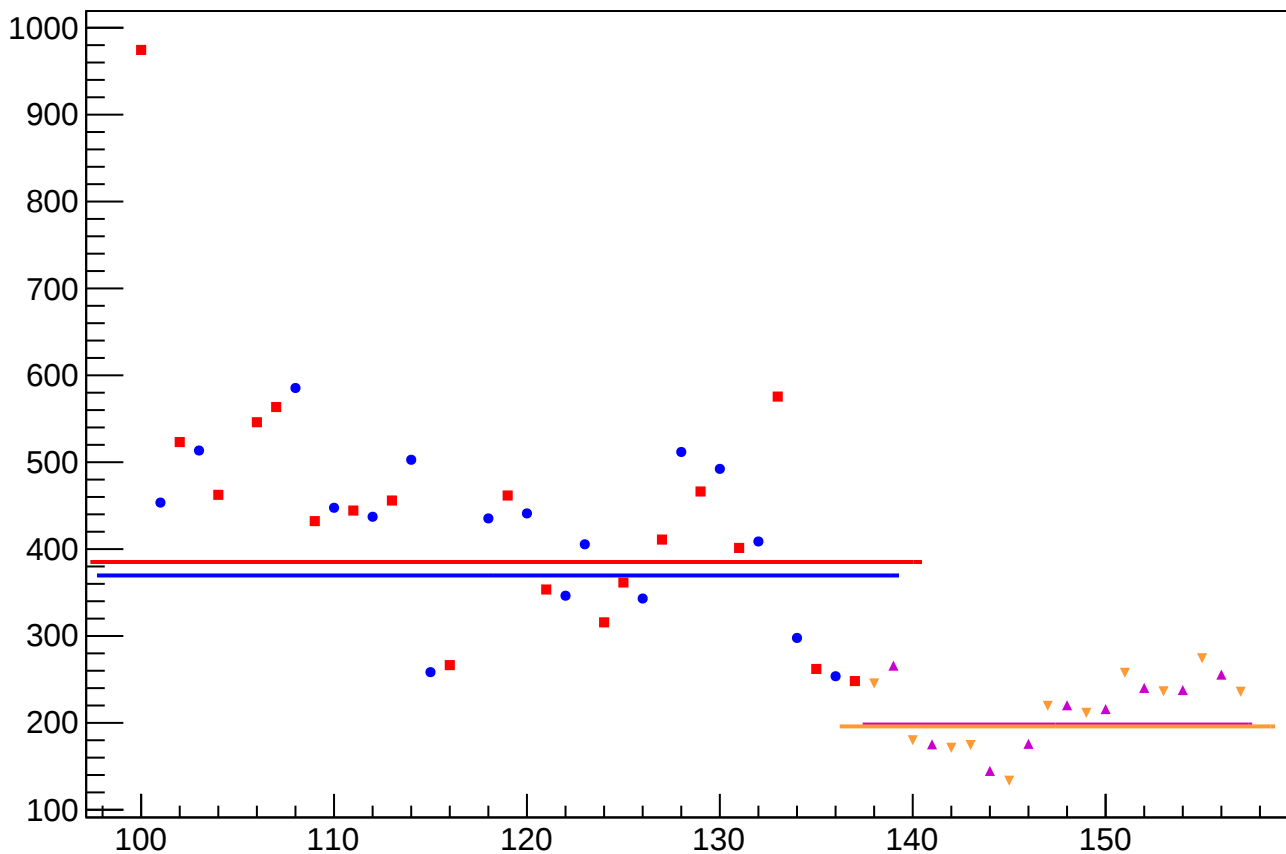
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 24.902 $\pm$ 66.463 χ^2 /NDF:30.8/25

Out: 216.911 $\pm$ 63.489 χ^2 /NDF:49.2/29

All: 125.298 $\pm$ 45.909 χ^2 /NDF: 84.3/55

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: 195.942 $\pm$ 0.050 χ^2 /NDF: 782650.0/10

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 198.064 $\pm$ 0.053 χ^2 /NDF: 589945.4/8

Left: 196.941 $\pm$ 0.036 χ^2 /NDF: 1373458.6/19

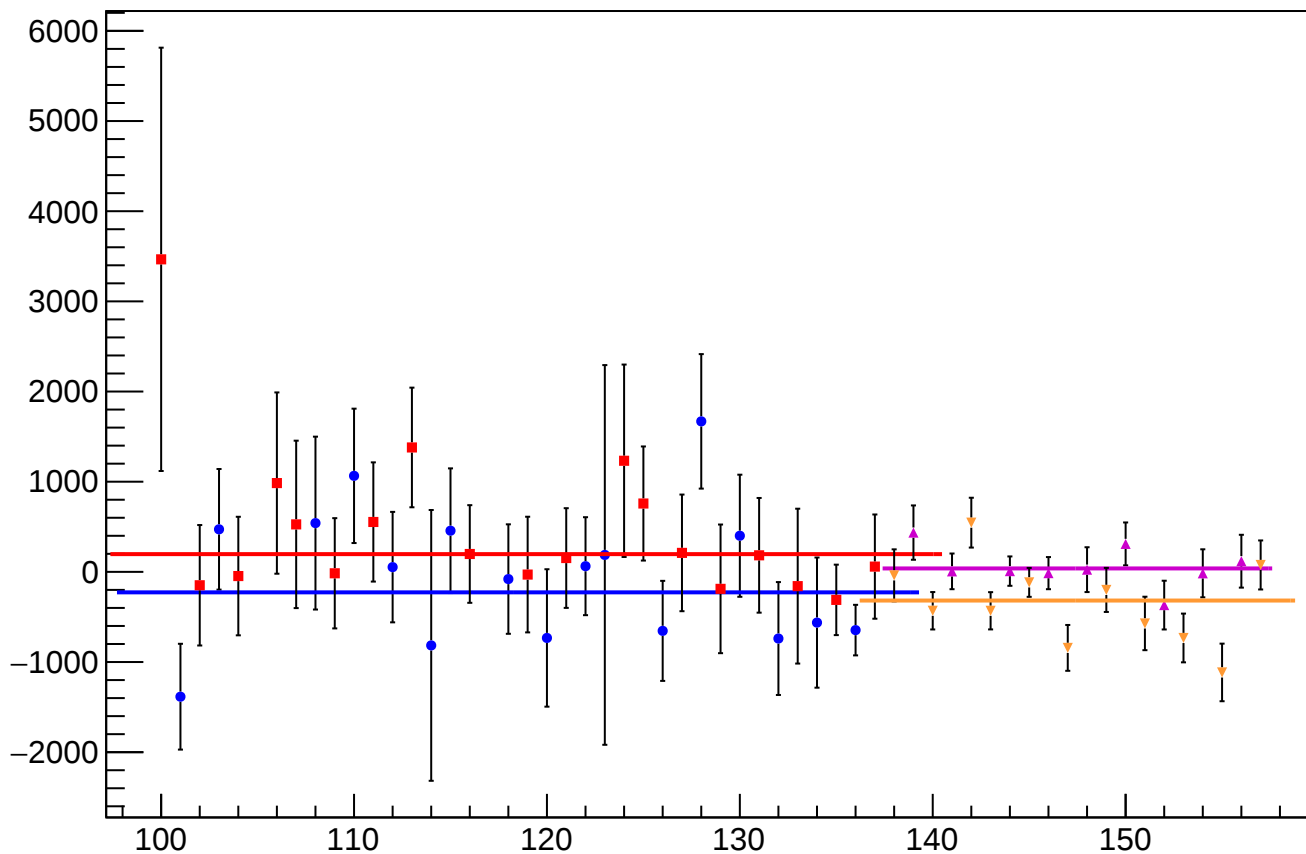
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 232.385 $\pm$ 0.047 χ^2 /NDF: 3625715.7/25

Out: 229.894 $\pm$ 0.045 χ^2 /NDF: 4324770.1/29

All: 231.082 $\pm$ 0.032 χ^2 /NDF: 7951954.7/55

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -318.026+/-72.302 χ^2/NDF : 28.8/10

Right Out: 196.753+/-150.178 χ^2/NDF : 10.7/18

Left In: 37.946+/-74.730 χ^2/NDF : 5.6/8

Left: -145.916+/-51.962 χ^2/NDF : 46.1/19

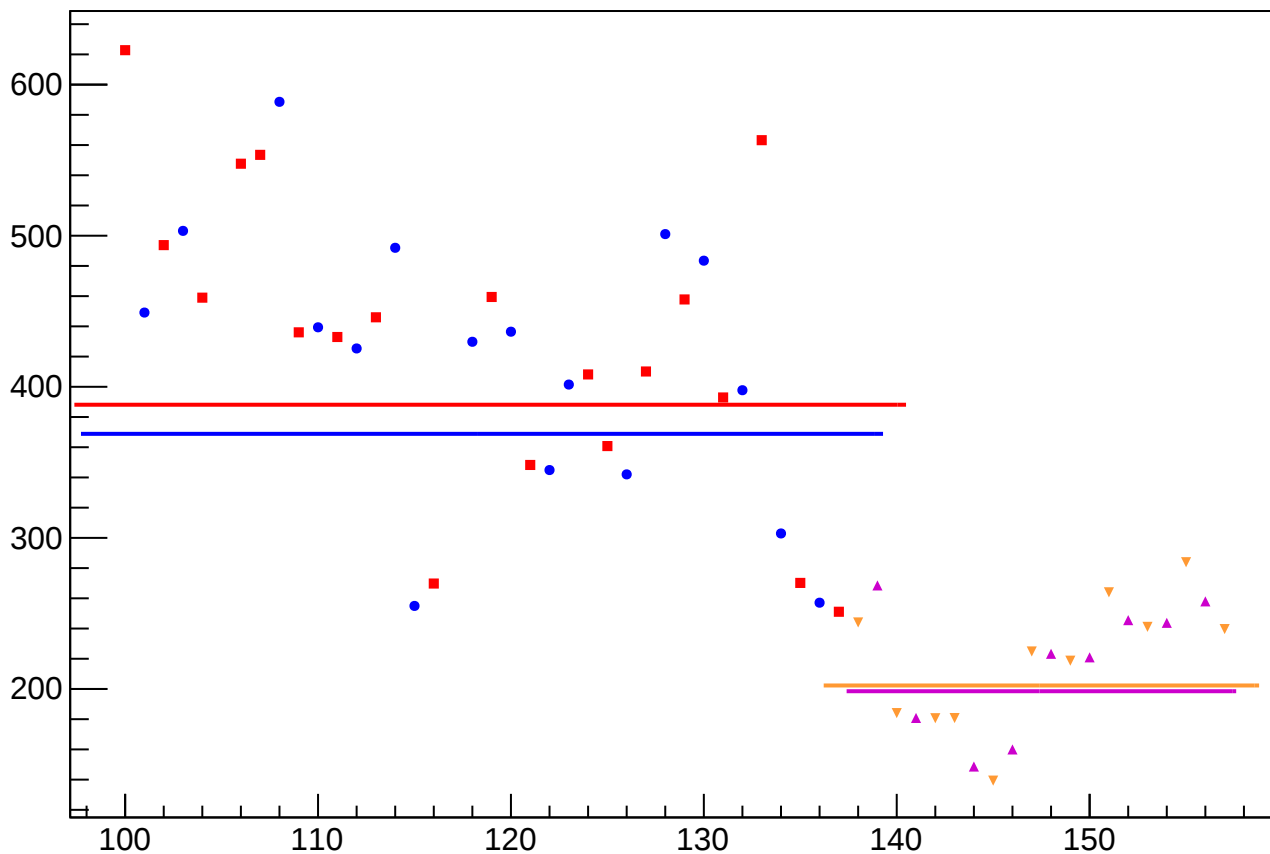
Right: -18.470+/-105.386 χ^2/NDF : 36.6/35

In: -15.981+/-66.701 χ^2/NDF : 30.0/25

Out: -221.160+/-65.145 χ^2/NDF : 49.1/29

All: -120.992+/-46.605 χ^2/NDF : 83.9/55

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: 202.312 $\pm$ 0.051 χ^2/NDF : 720544.9/10

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 198.510 $\pm$ 0.053 χ^2/NDF : 643367.5/8

Left: 200.474 $\pm$ 0.037 χ^2/NDF : 1366586.1/19

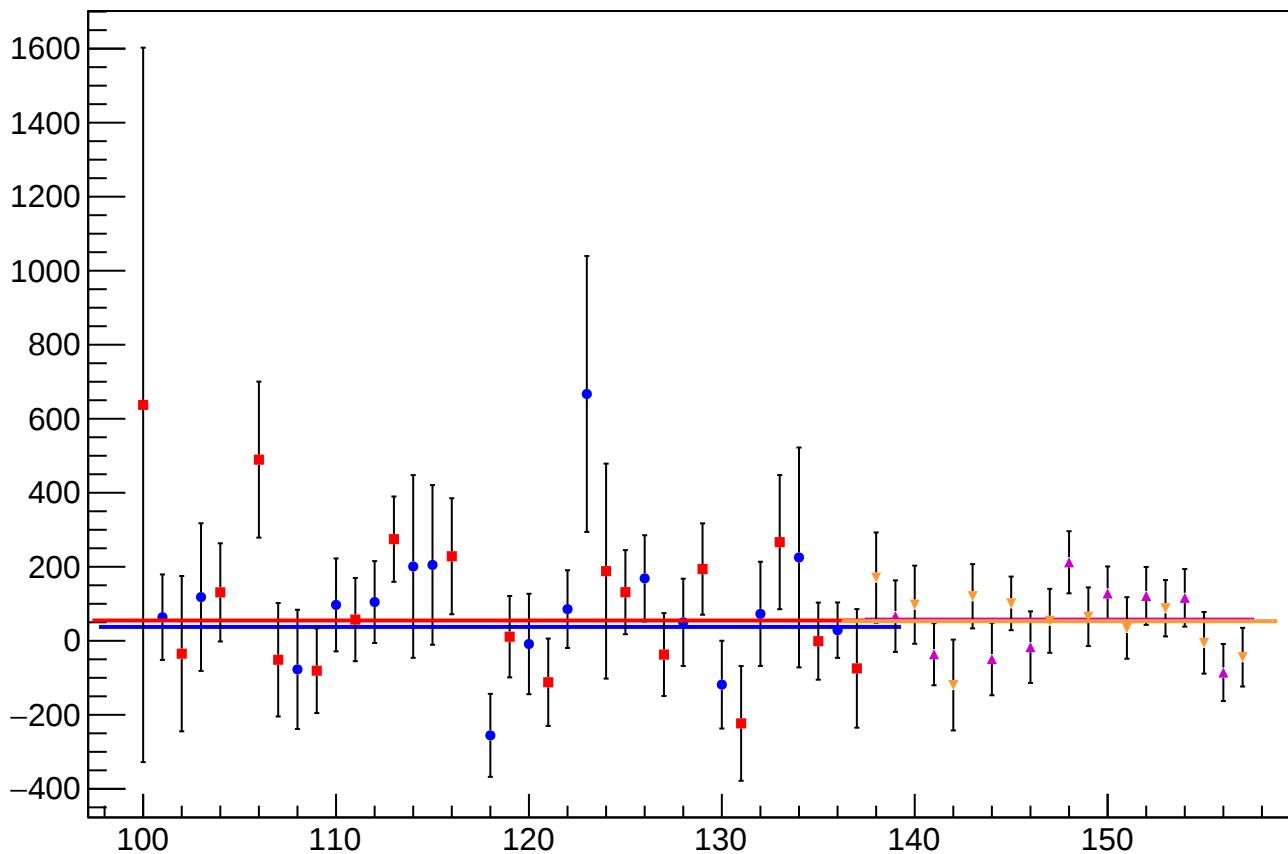
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 233.148 $\pm$ 0.047 χ^2/NDF : 3586304.7/25

Out: 237.277 $\pm$ 0.046 χ^2/NDF : 3984452.5/29

All: 235.261 $\pm$ 0.033 χ^2/NDF : 7574680.8/55

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: 53.107 $\pm$ 26.169 χ^2 /NDF: 6.4/10

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 57.314 $\pm$ 27.872 χ^2 /NDF: 12.1/8

Left: 55.078 $\pm$ 19.078 χ^2 /NDF: 18.5/19

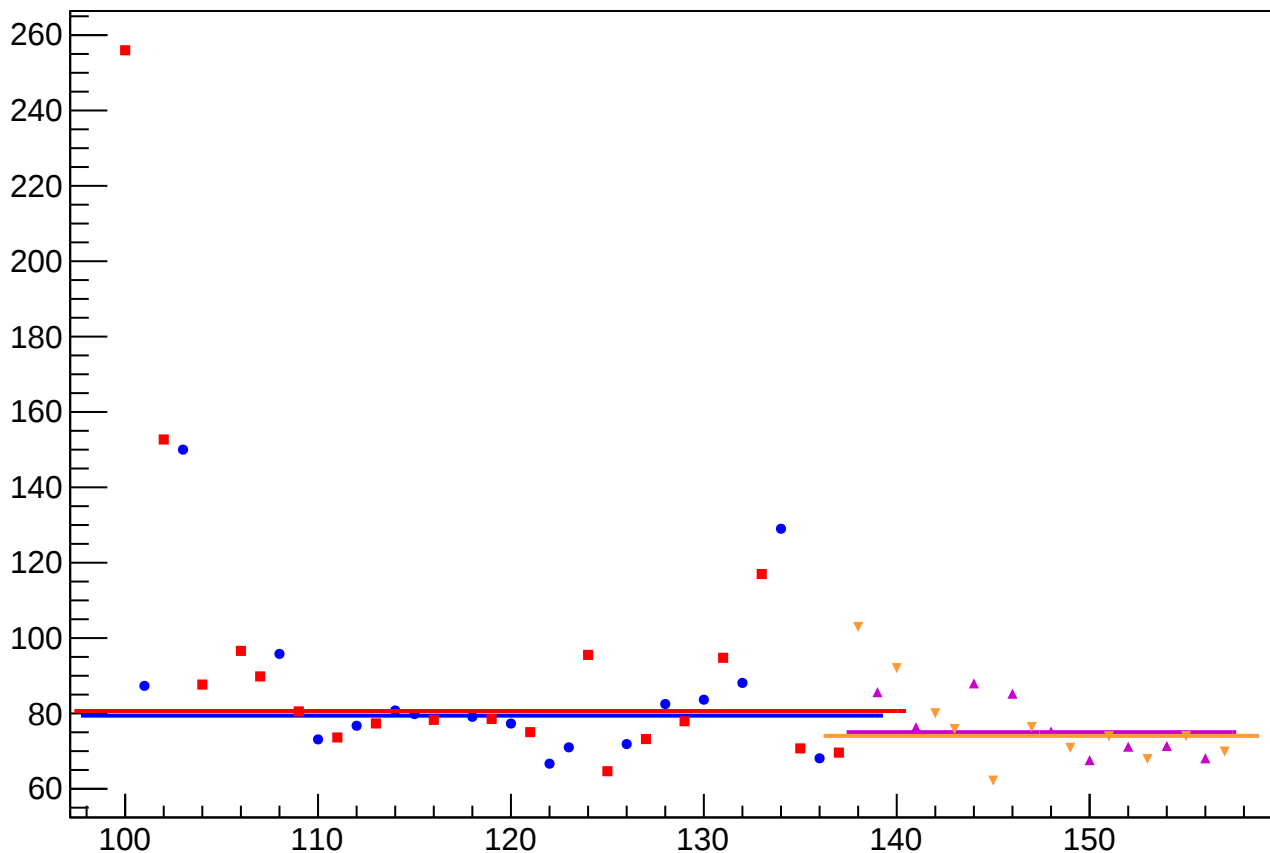
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 48.617 $\pm$ 20.862 χ^2 /NDF: 28.1/25

Out: 53.837 $\pm$ 20.122 χ^2 /NDF: 28.6/29

All: 51.321 $\pm$ 14.483 χ^2 /NDF: 56.7/55

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: 74.045 $\pm$ 0.019 χ^2 /NDF: 253046.5/10

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 75.033 $\pm$ 0.020 χ^2 /NDF: 128086.7/8

Left: 74.508 $\pm$ 0.013 χ^2 /NDF: 382470.2/19

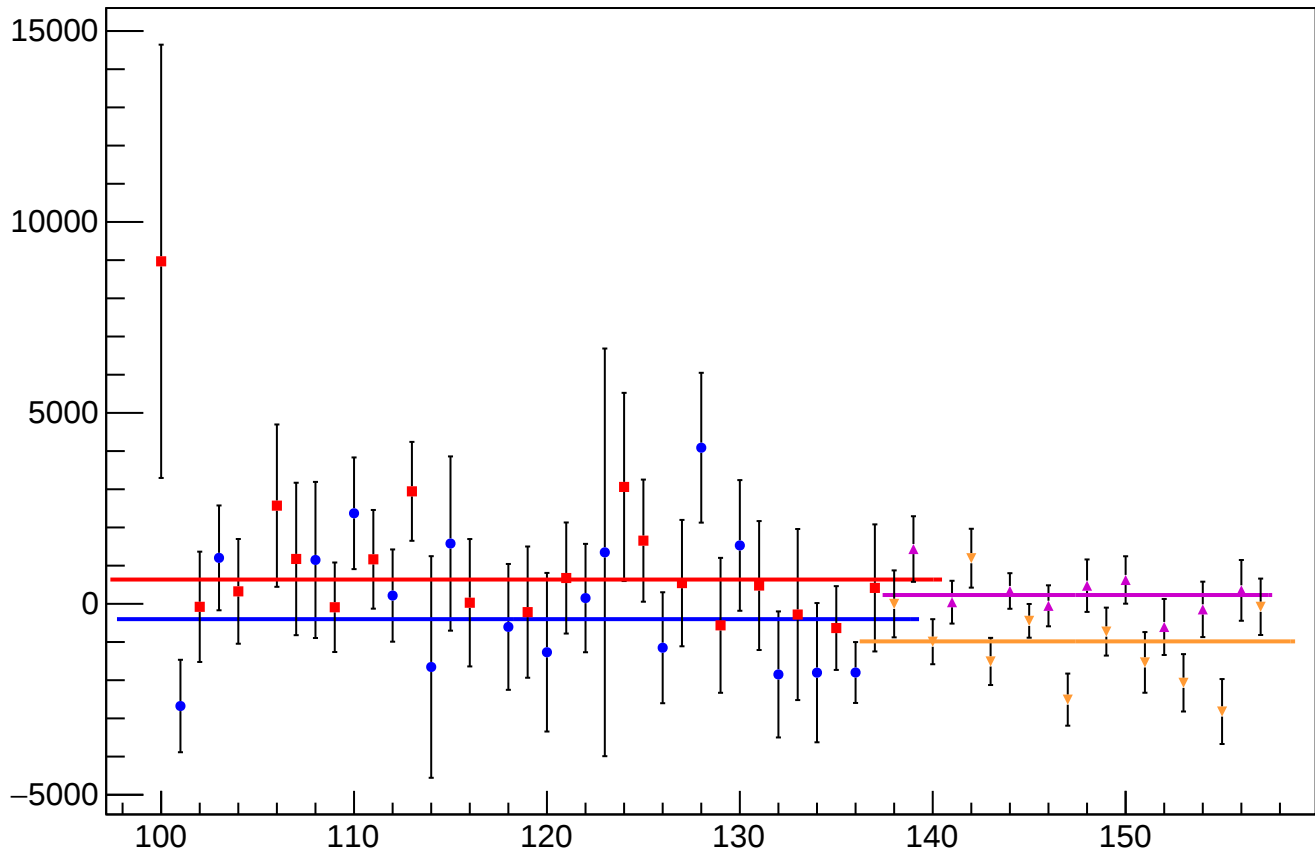
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.963 $\pm$ 0.015 χ^2 /NDF: 588936.3/25

Out: 76.745 $\pm$ 0.014 χ^2 /NDF: 825606.2/29

All: 76.850 $\pm$ 0.010 χ^2 /NDF: 1414655.0/55

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -983.293 $\pm$ 200.532 χ^2 /NDF:25.4/10

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 230.869 $\pm$ 210.063 χ^2 /NDF:4.5/8

Left: -404.379 $\pm$ 145.050 χ^2 /NDF: 47.4/19

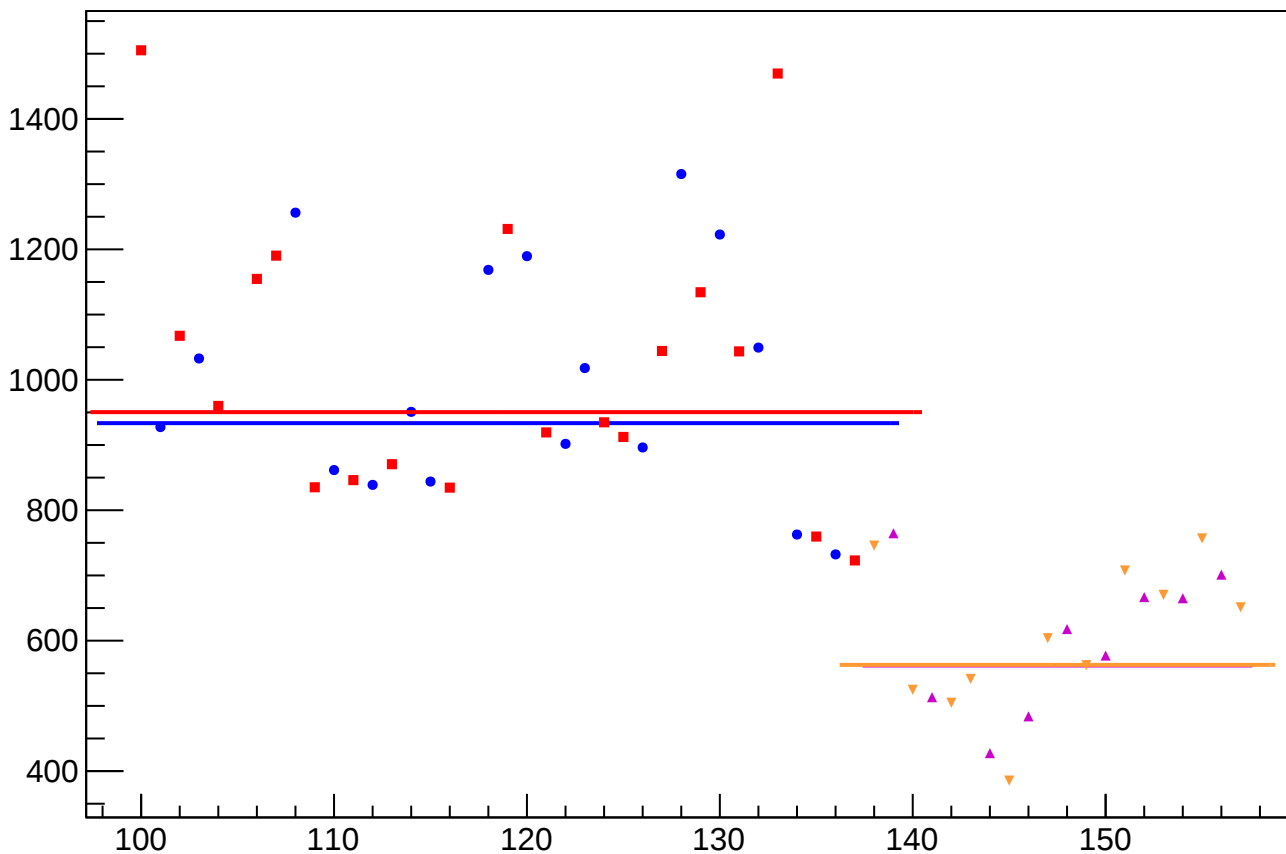
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 75.874 $\pm$ 182.492 χ^2 /NDF:28.7/25

Out: -604.511 $\pm$ 175.521 χ^2 /NDF:51.4/29

All: -277.562 $\pm$ 126.504 χ^2 /NDF: 87.3/55

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 562.886 $\pm$ 0.142 χ^2 /NDF: 679227.3/10

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 561.913 $\pm$ 0.149 χ^2 /NDF: 491934.1/8

Left: 562.422 $\pm$ 0.103 χ^2 /NDF: 1171183.8/19

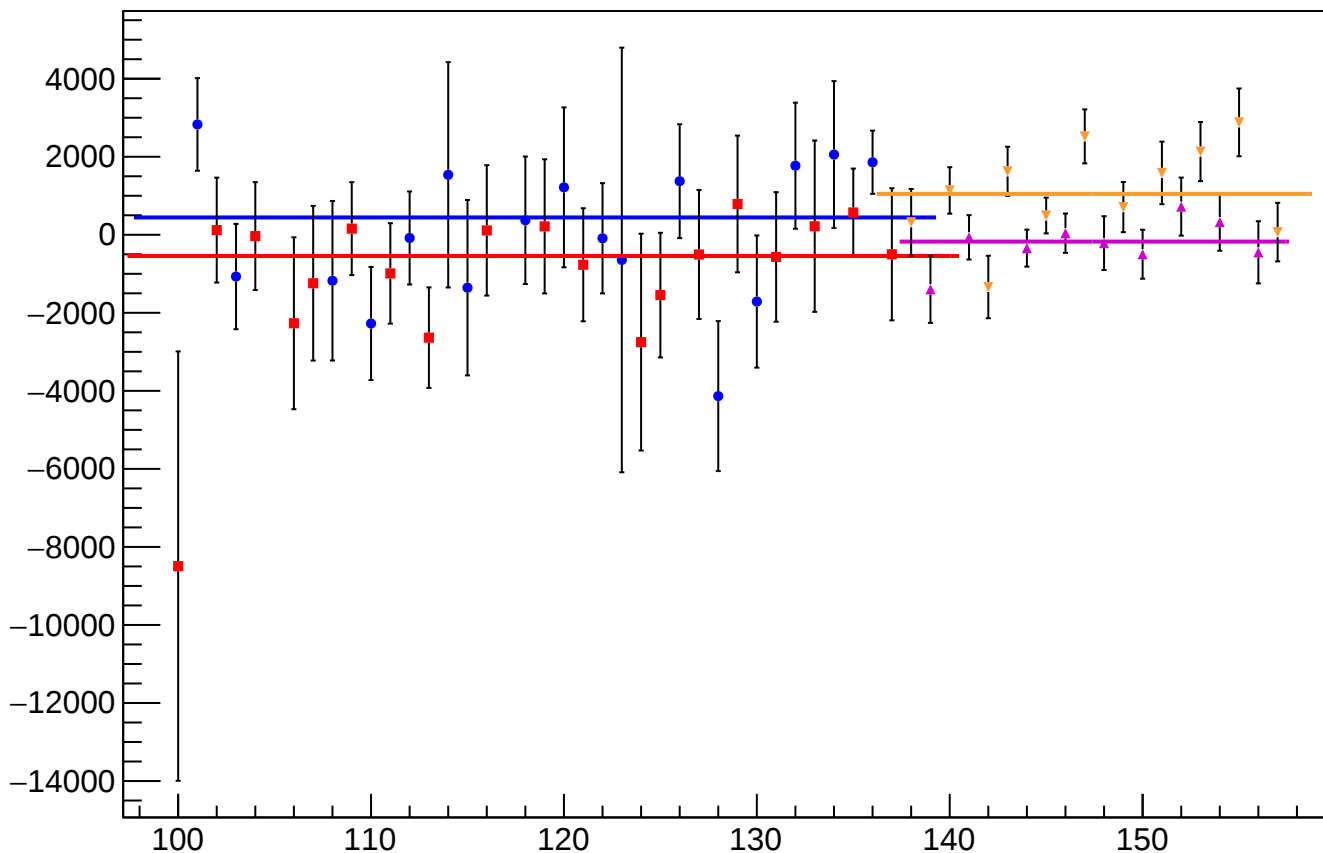
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 653.063 $\pm$ 0.129 χ^2 /NDF: 2469513.4/25

Out: 653.528 $\pm$ 0.124 χ^2 /NDF: 2850564.7/29

All: 653.304 $\pm$ 0.089 χ^2 /NDF: 5320084.8/55

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 1048.647 $\pm$ 204.347 χ^2 /NDF:25.4/10

Right Out: -543.026 $\pm$ 363.317 χ^2 /NDF: 9.4/18

Left In: -174.178 $\pm$ 209.901 χ^2 /NDF:4.7/8

Left: 453.625 $\pm$ 146.419 χ^2 /NDF: 47.5/19

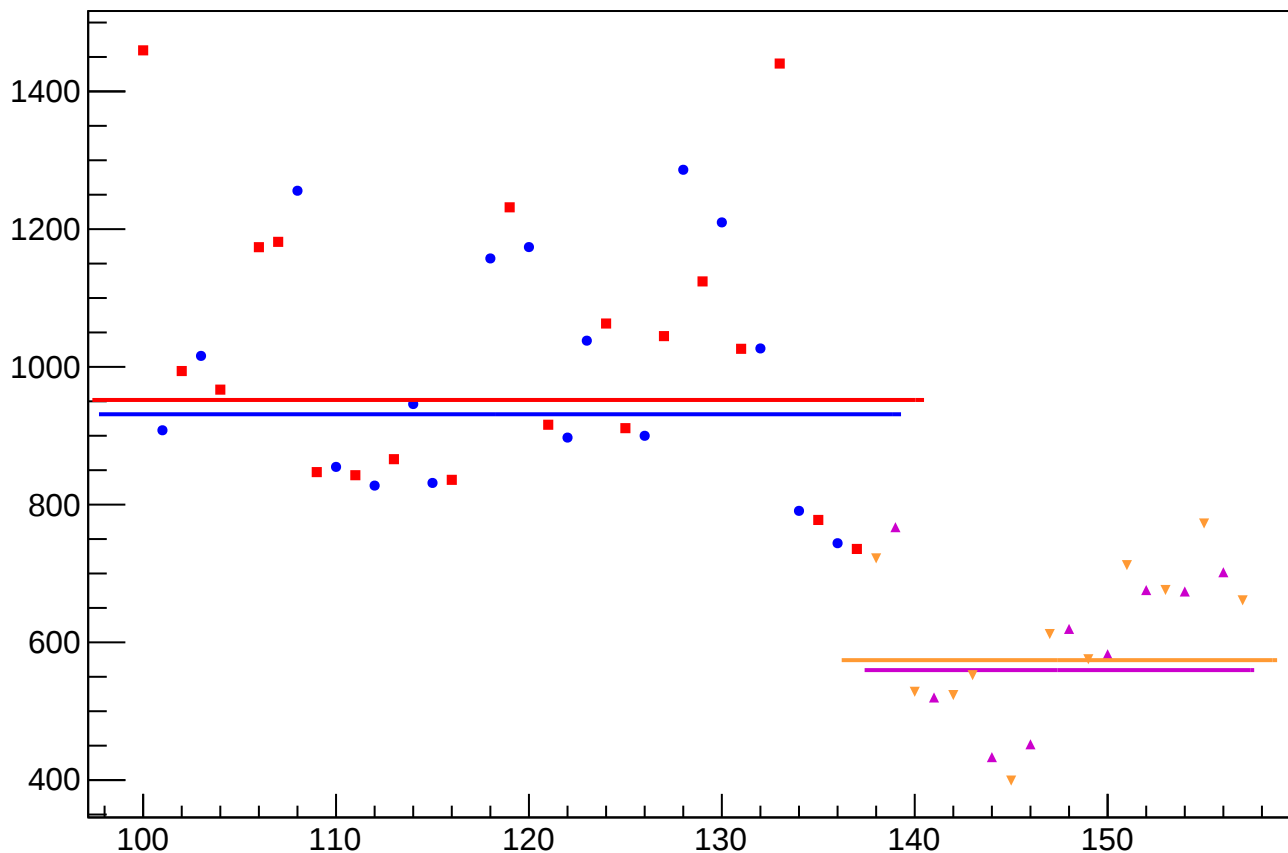
Right: -54.292 $\pm$ 258.231 χ^2 /NDF: 36.0/35

In: -21.704 $\pm$ 182.217 χ^2 /NDF:29.7/25

Out: 666.132 $\pm$ 178.108 χ^2 /NDF:49.4/29

All: 330.057 $\pm$ 127.369 χ^2 /NDF: 86.4/55

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 574.160+/-0.144 χ^2/NDF : 606222.9/10

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 559.711+/-0.148 χ^2/NDF : 537440.4/8

Left: 567.129+/-0.104 χ^2/NDF : 1148529.2/19

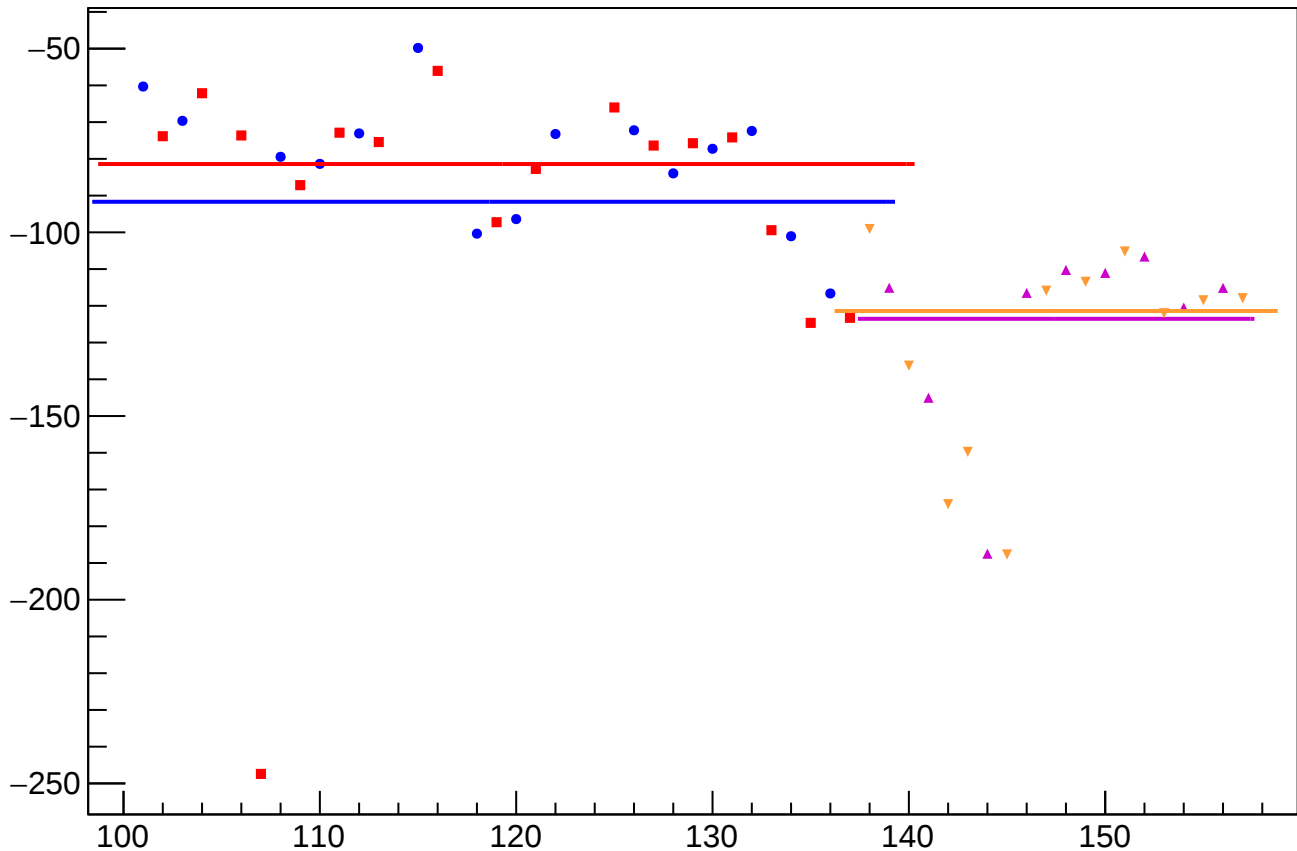
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 651.240+/-0.129 χ^2/NDF : 2481204.6/25

Out: 664.955+/-0.126 χ^2/NDF : 2631794.4/29

All: 658.254+/-0.090 χ^2/NDF : 5118792.9/55

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -121.414 ± 0.088 χ^2/NDF : 21797.9/10

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -123.537 ± 0.088 χ^2/NDF : 41608.5/8

Left: -122.472 ± 0.062 χ^2/NDF : 63697.5/19

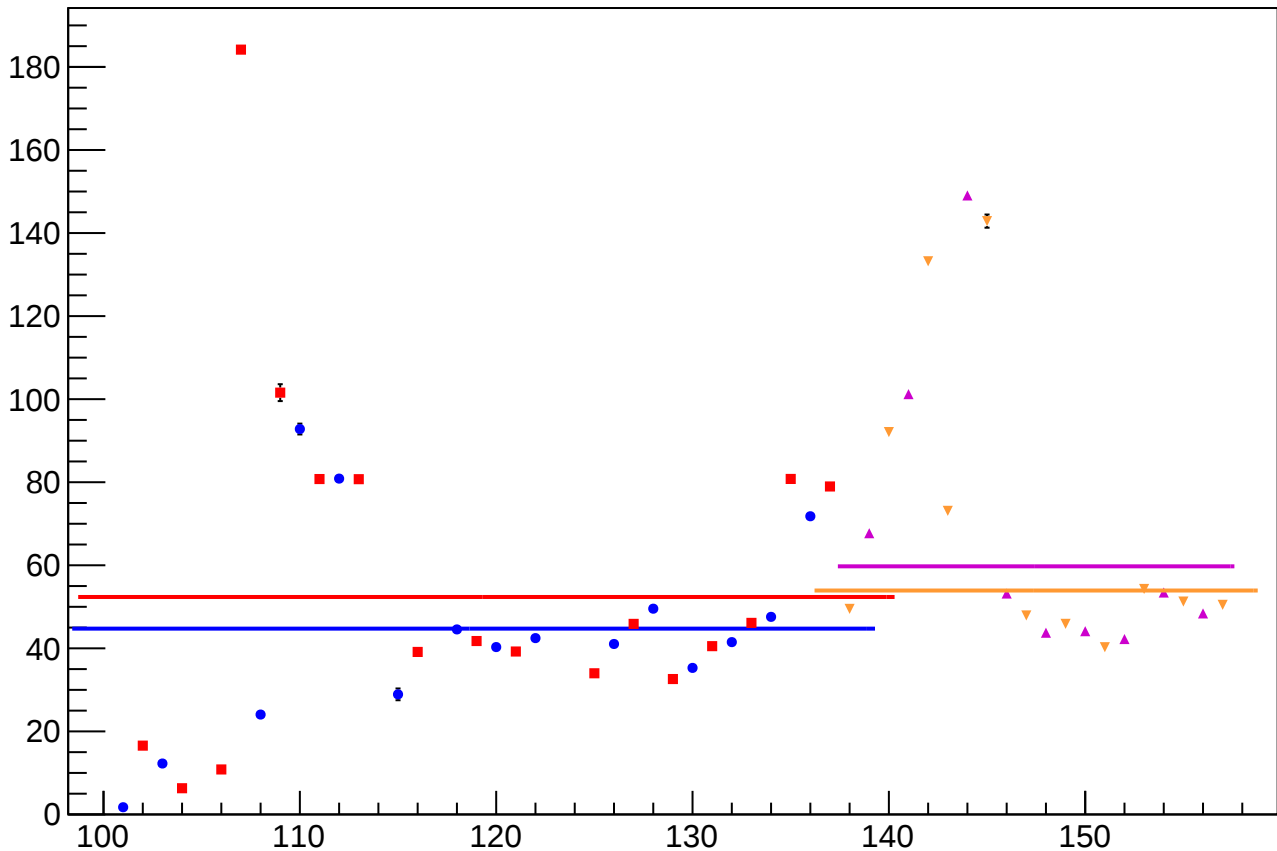
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -104.038 ± 0.055 χ^2/NDF : 186276.2/23

Out: -103.695 ± 0.066 χ^2/NDF : 155479.6/27

All: -103.897 ± 0.042 χ^2/NDF : 341771.9/51

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 53.923+/-0.072 χ^2/NDF : 41507.4/10

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 59.747+/-0.077 χ^2/NDF : 104240.8/8

Left: 56.631+/-0.052 χ^2/NDF : 148812.3/19

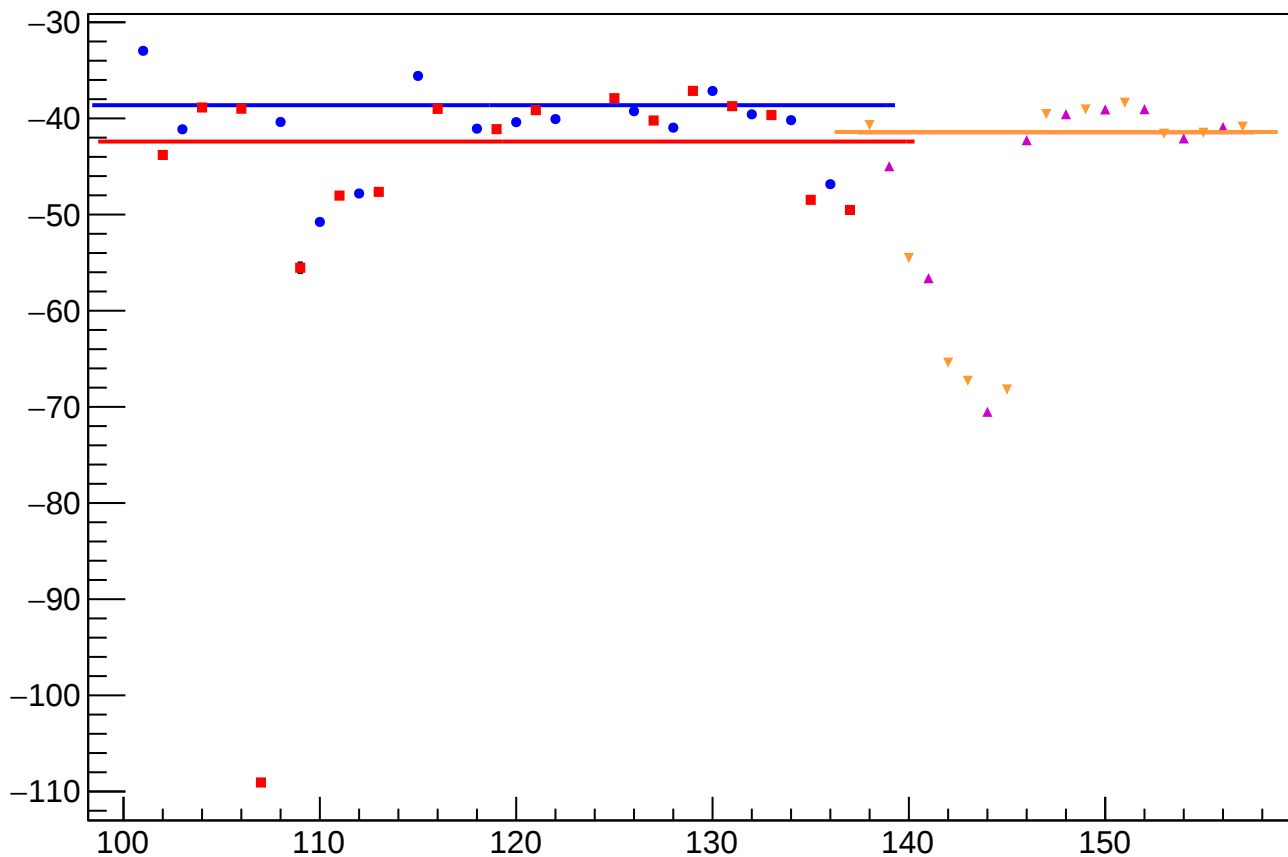
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.483+/-0.048 χ^2/NDF : 212404.7/23

Out: 53.473+/-0.061 χ^2/NDF : 110928.5/27

All: 51.626+/-0.037 χ^2/NDF : 324841.2/51

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.413 ± 0.010 $\chi^2/\text{NDF}: 185269.4/10$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.439 ± 0.012 $\chi^2/\text{NDF}: 142331.0/8$

Left: -41.423 ± 0.008 $\chi^2/\text{NDF}: 327603.1/19$

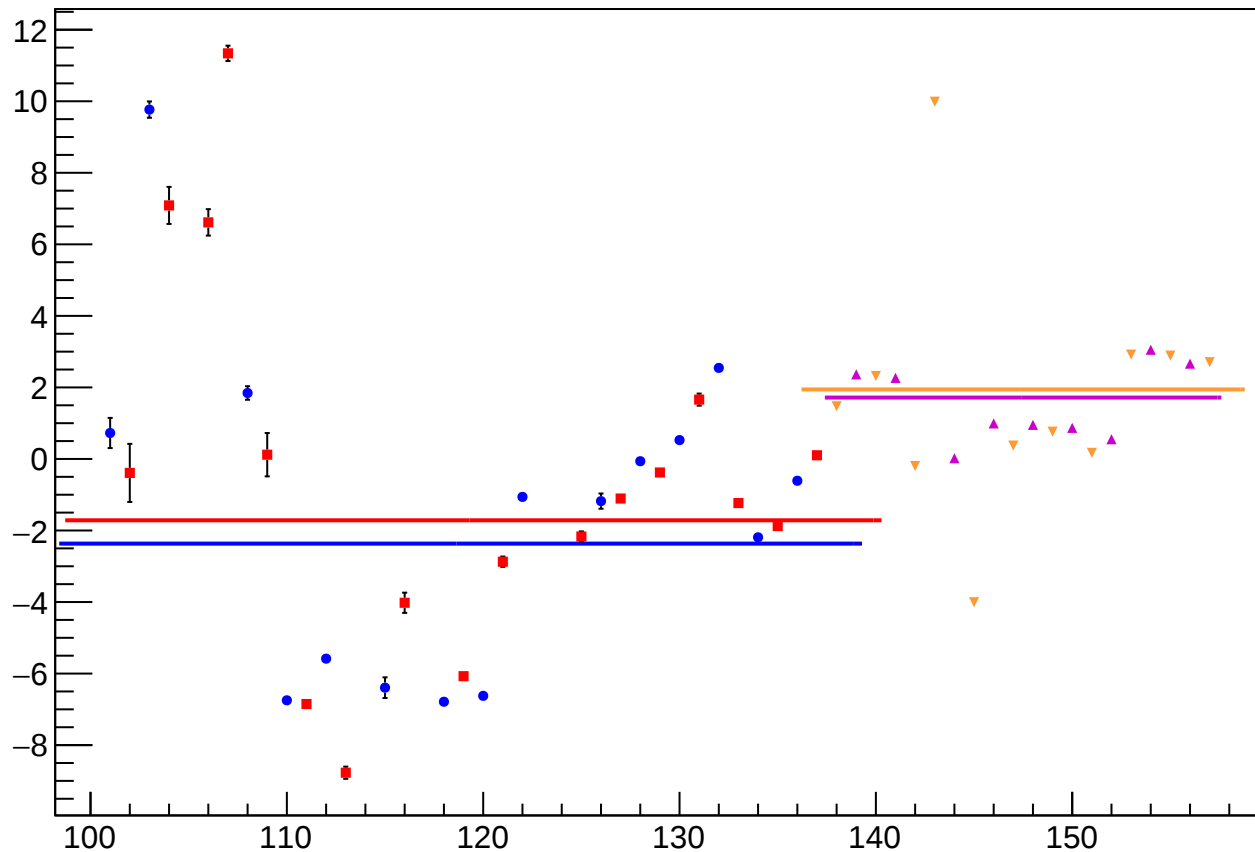
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.514 ± 0.007 $\chi^2/\text{NDF}: 419002.5/23$

Out: -41.590 ± 0.009 $\chi^2/\text{NDF}: 456198.9/27$

All: -40.276 ± 0.005 $\chi^2/\text{NDF}: 909020.1/51$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.943 ± 0.011 χ^2/NDF : 18557.6/10

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.716 ± 0.010 χ^2/NDF : 8567.2/8

Left: 1.819 ± 0.008 χ^2/NDF : 27349.9/19

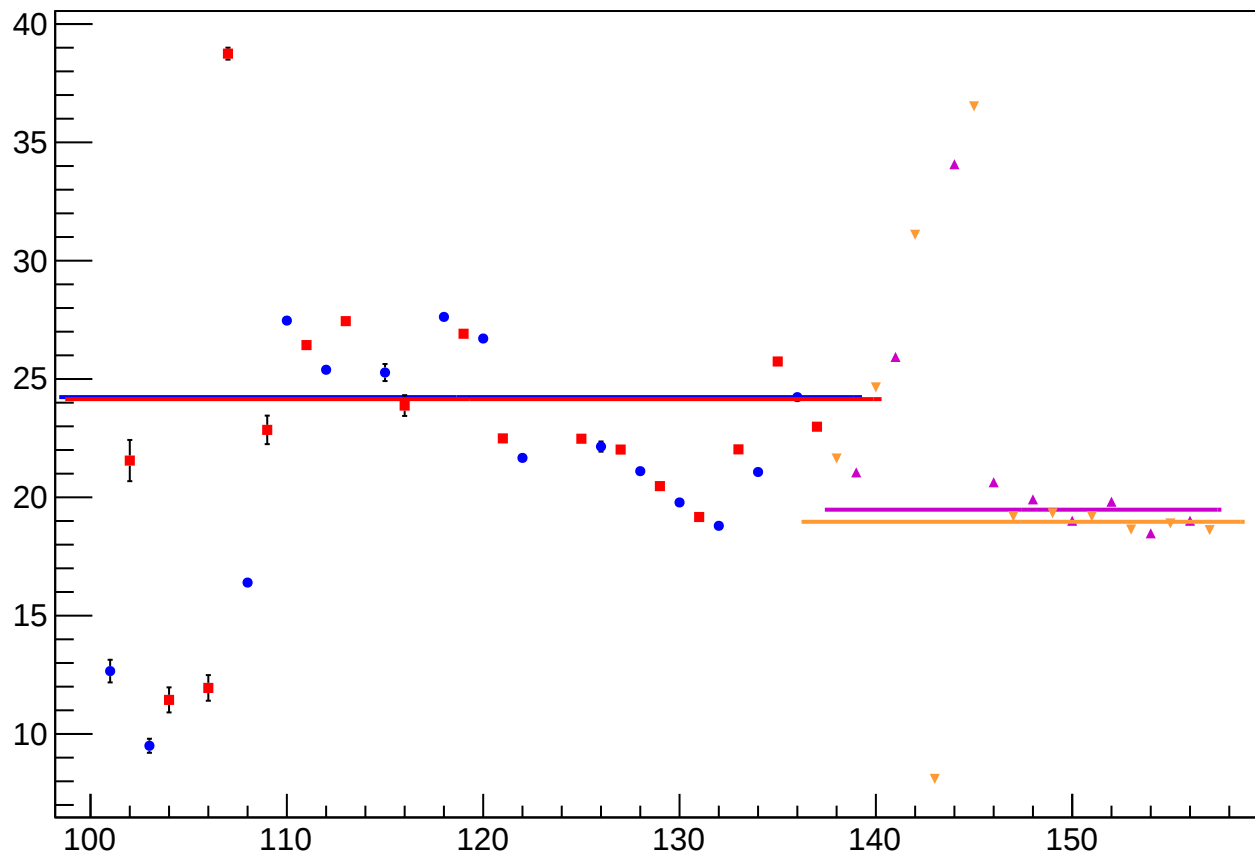
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.319 ± 0.008 χ^2/NDF : 92726.6/23

Out: 1.407 ± 0.010 χ^2/NDF : 46950.7/27

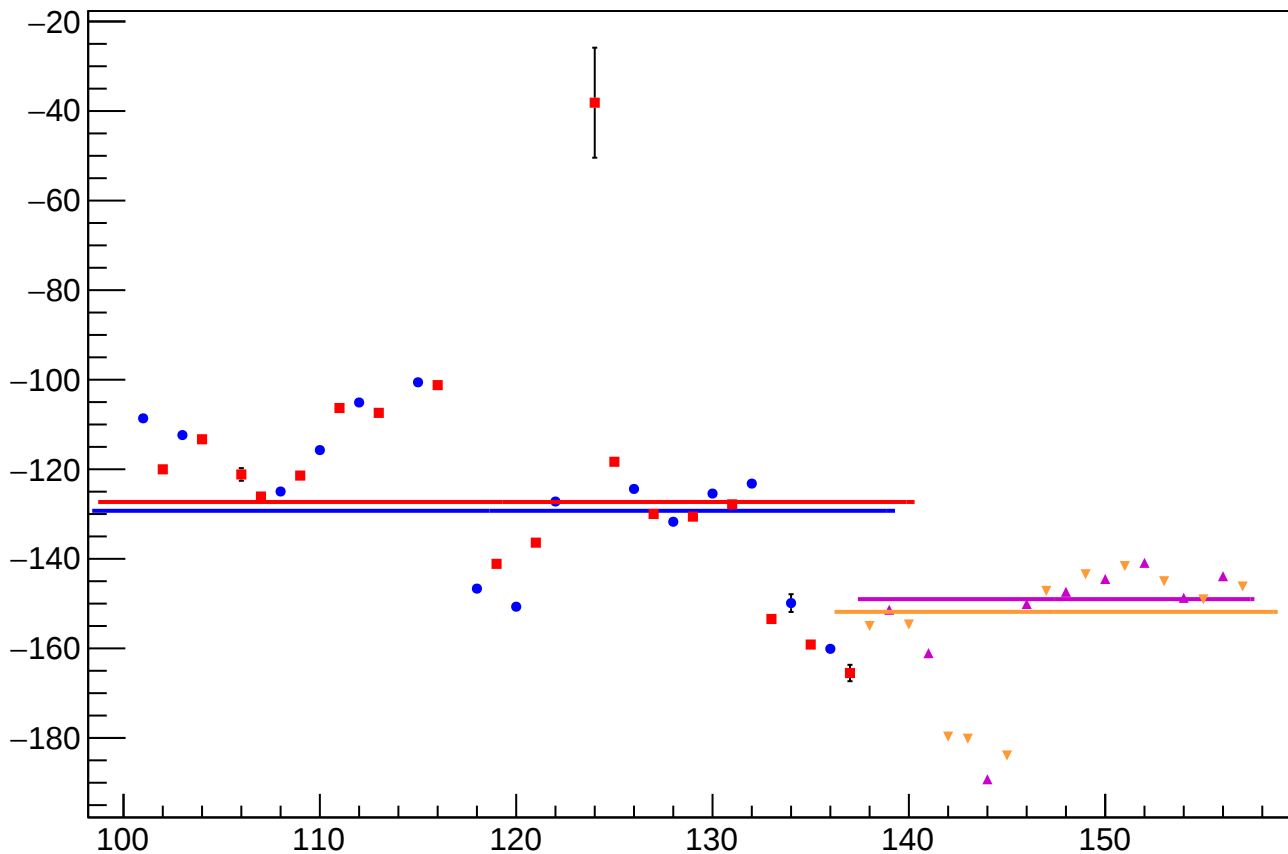
All: 0.741 ± 0.006 χ^2/NDF : 146459.5/51

dit_usl_4eY_slope vs Slug, Sign Corrected



Left: 19.233 +/- 0.007 χ^2/NDF : 80712.1/19
 Right: 24.197 +/- 0.016 χ^2/NDF : 35126.2/31
 In: 20.329 +/- 0.009 χ^2/NDF : 101020.6/23
 Out: 19.806 +/- 0.010 χ^2/NDF : 89854.1/27
 All: 20.081 +/- 0.007 χ^2/NDF : 192368.9/51

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -151.841 ± 0.077 χ^2/NDF : 25034.6/10

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -148.999 ± 0.068 χ^2/NDF : 20536.9/8

Left: -150.251 ± 0.051 χ^2/NDF : 46343.4/19

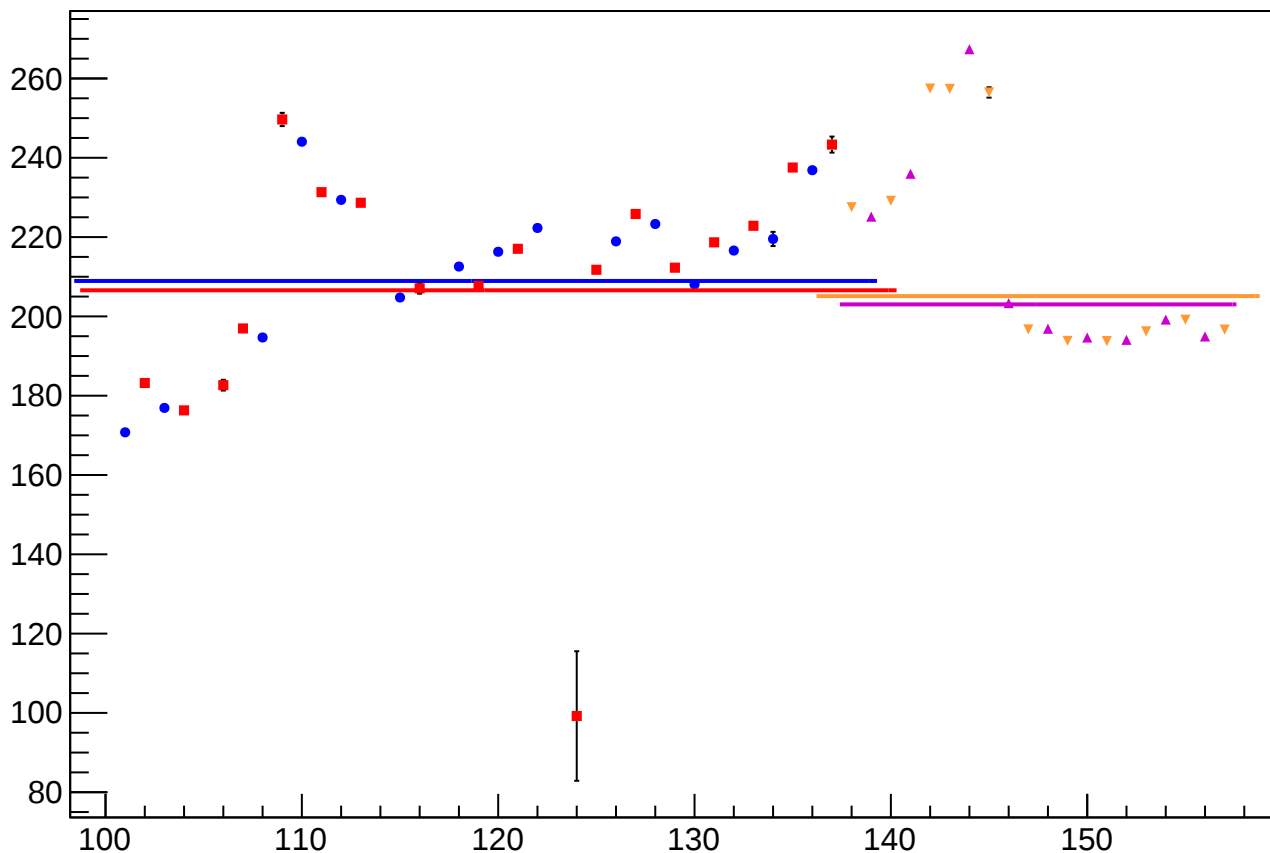
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.614 ± 0.054 χ^2/NDF : 87246.8/23

Out: -140.759 ± 0.057 χ^2/NDF : 101075.9/28

All: -141.209 ± 0.039 χ^2/NDF : 188442.6/52

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 205.113 $\pm$ 0.063 χ^2 /NDF:97638.1/10

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 203.024 $\pm$ 0.059 χ^2 /NDF:72963.6/8

Left: 204.009 $\pm$ 0.043 χ^2 /NDF: 171187.7/19

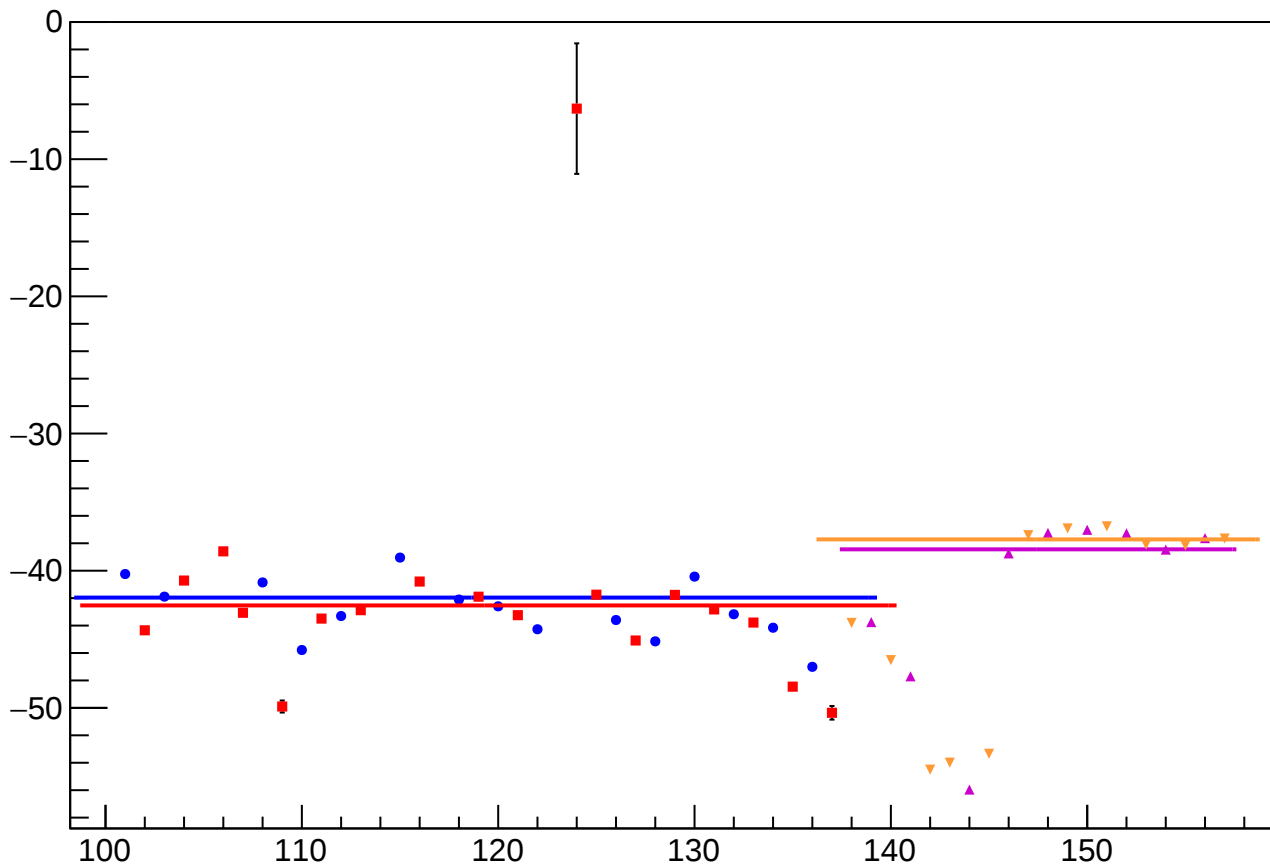
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 204.833 $\pm$ 0.049 χ^2 /NDF:120693.9/23

Out: 205.645 $\pm$ 0.050 χ^2 /NDF:146047.4/28

All: 205.233 $\pm$ 0.035 χ^2 /NDF: 266874.7/52

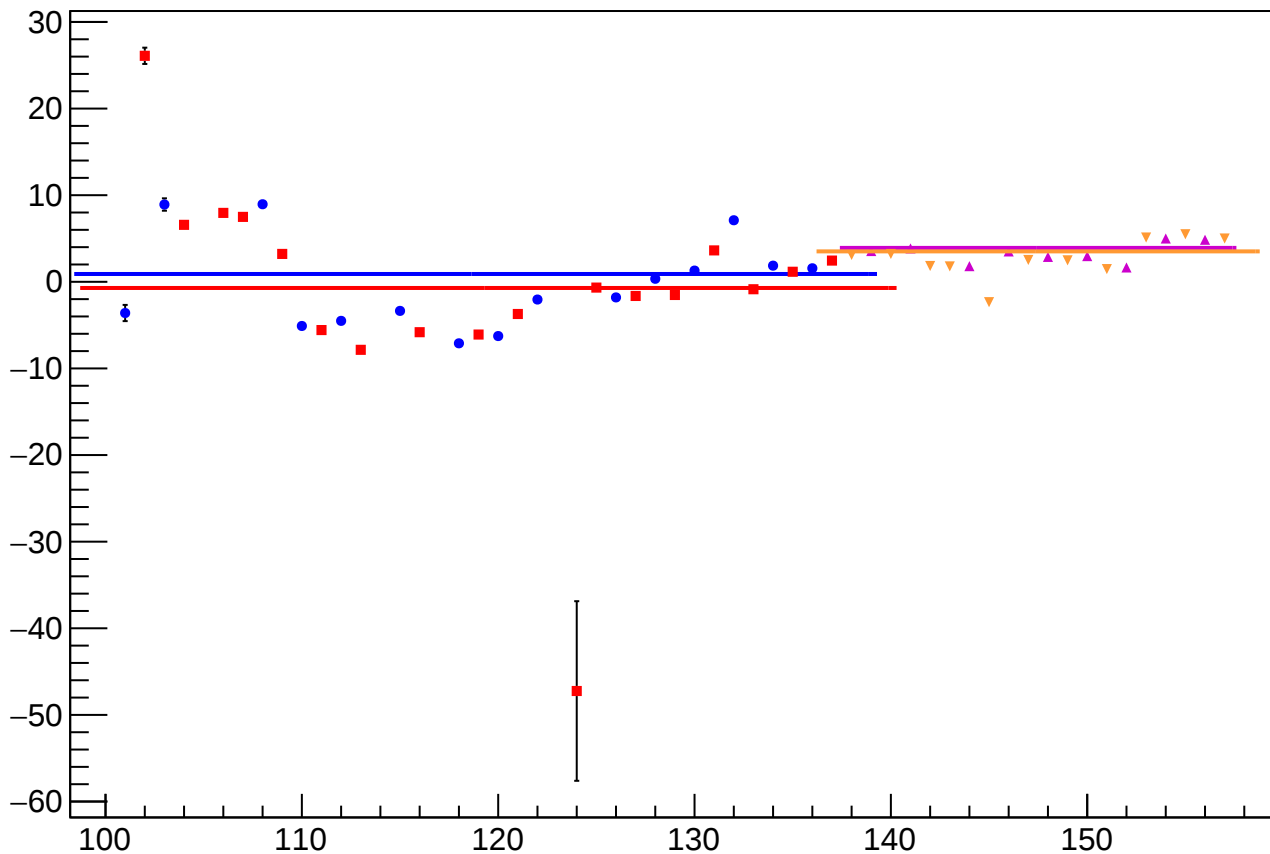
dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$
 Left Out: -37.717 ± 0.005 $\chi^2/\text{NDF}: 214579.8/10$
 Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$
 Left In: -38.442 ± 0.007 $\chi^2/\text{NDF}: 122505.5/8$

Left: -37.990 ± 0.004 $\chi^2/\text{NDF}: 343915.8/19$
 Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$
 In: -39.021 ± 0.006 $\chi^2/\text{NDF}: 189167.4/23$
 Out: -38.023 ± 0.005 $\chi^2/\text{NDF}: 271609.1/28$
 All: -38.426 ± 0.004 $\chi^2/\text{NDF}: 475601.0/52$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 3.513 $\pm$ 0.011 χ^2 /NDF:21310.5/10

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 3.915 $\pm$ 0.010 χ^2 /NDF:9434.8/8

Left: 3.733 $\pm$ 0.007 χ^2 /NDF: 31469.2/19

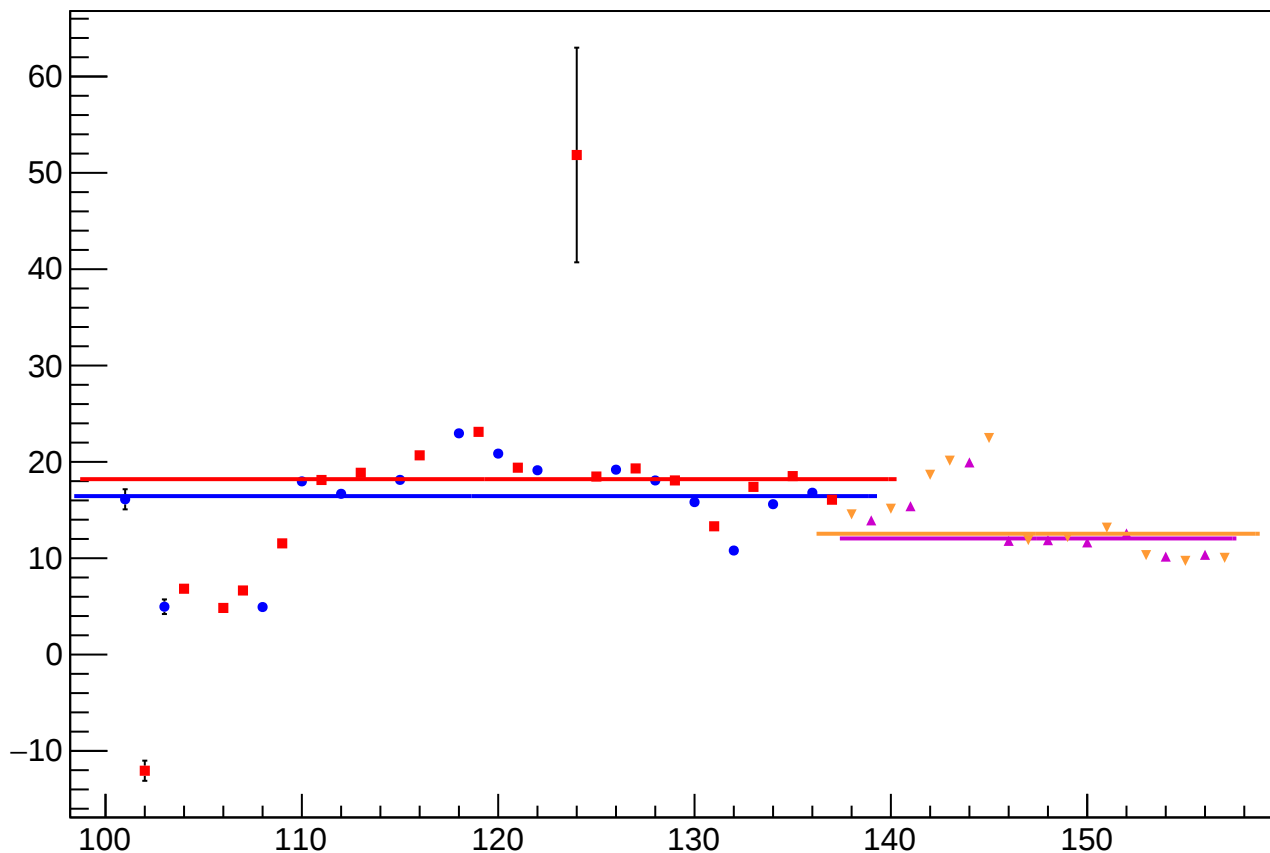
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 3.310 $\pm$ 0.009 χ^2 /NDF:48615.2/23

Out: 2.788 $\pm$ 0.010 χ^2 /NDF:77064.9/28

All: 3.079 $\pm$ 0.007 χ^2 /NDF: 127173.7/52

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 12.542 $\pm$ 0.012 χ^2 /NDF: 57548.4/10

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.051 $\pm$ 0.013 χ^2 /NDF: 21091.9/8

Left: 12.316 $\pm$ 0.008 χ^2 /NDF: 79474.2/19

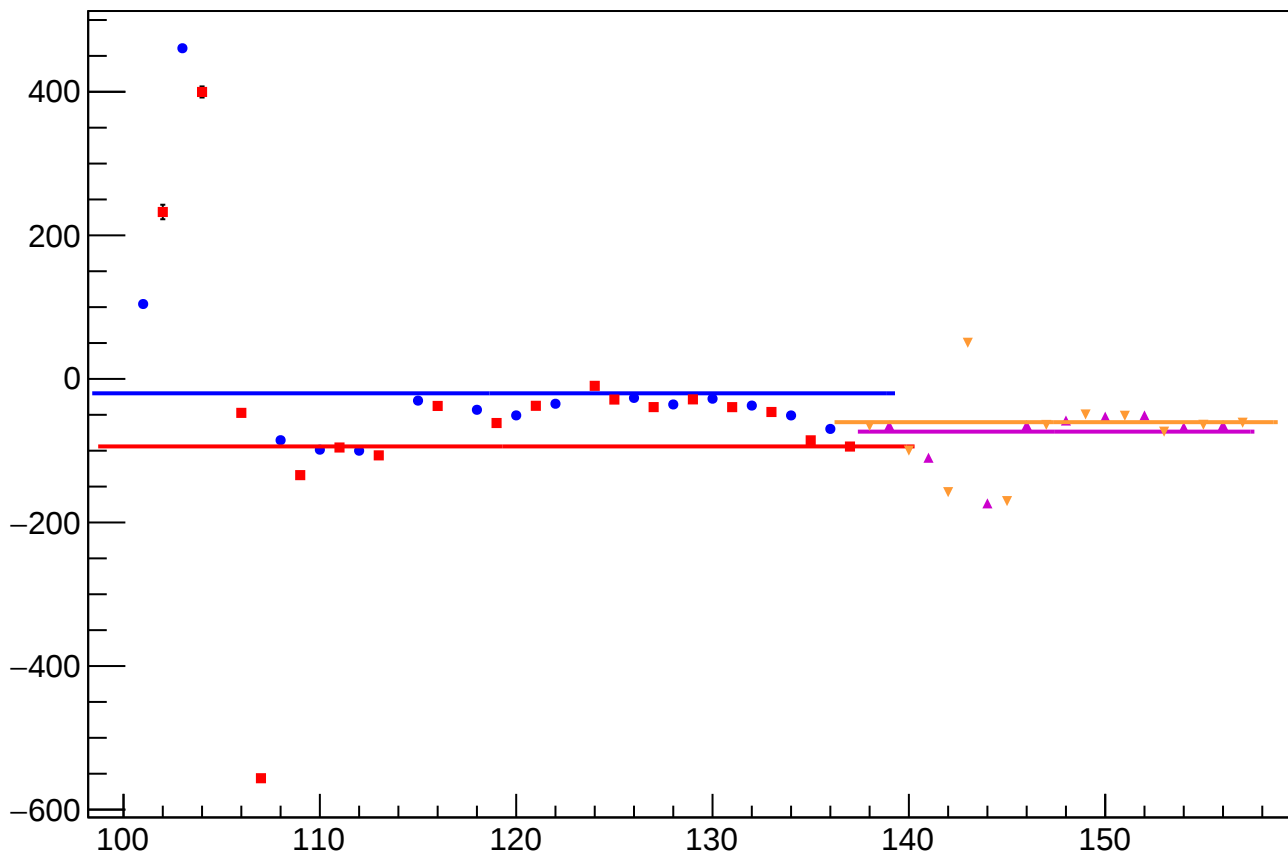
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.965 $\pm$ 0.011 χ^2 /NDF: 60973.3/23

Out: 13.909 $\pm$ 0.010 χ^2 /NDF: 143360.3/28

All: 13.486 $\pm$ 0.007 χ^2 /NDF: 208303.0/52

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -60.251+/-0.144 χ^2/NDF : 44937.5/10

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -73.449+/-0.170 χ^2/NDF : 34498.4/8

Left: -65.773+/-0.110 χ^2/NDF : 82948.7/19

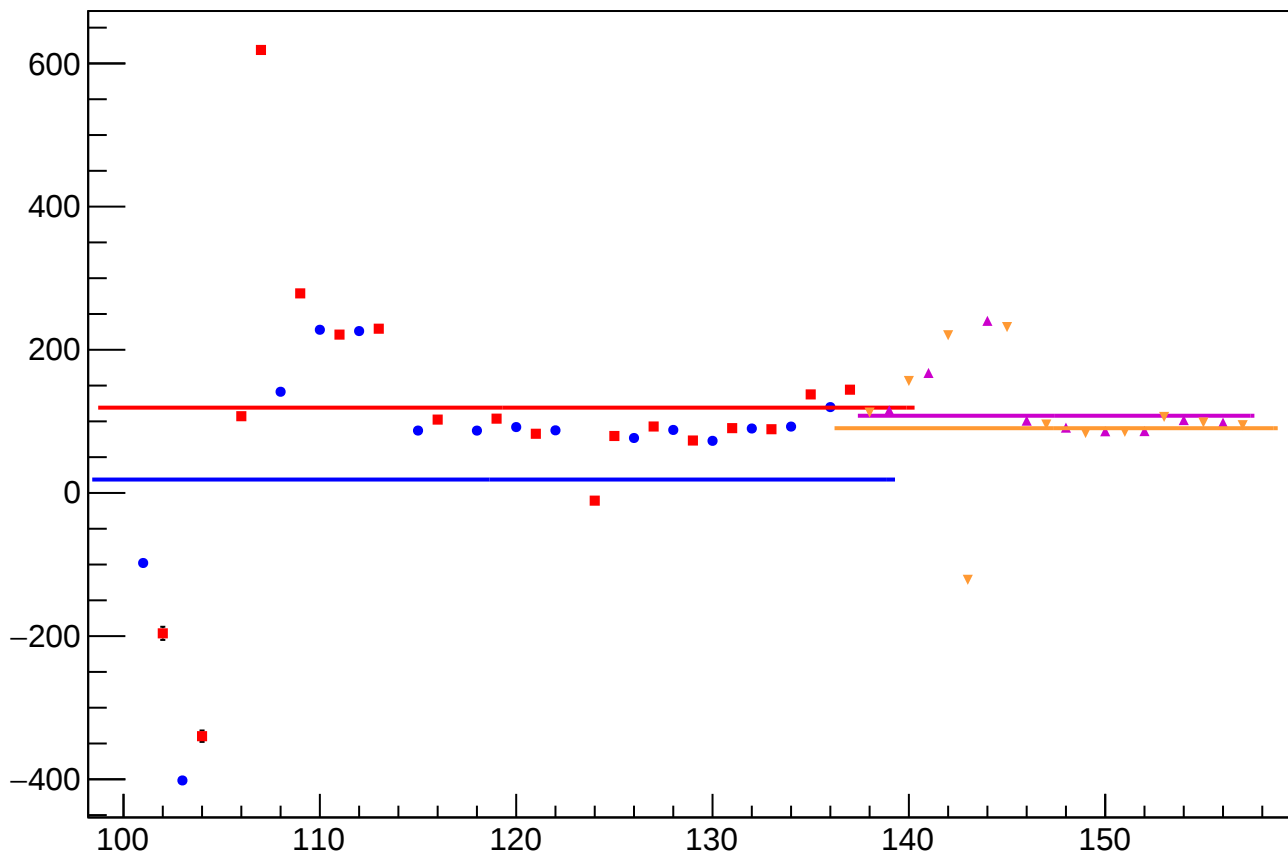
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -44.005+/-0.114 χ^2/NDF : 530471.7/23

Out: -93.800+/-0.012 χ^2/NDF : 187080.4/28

All: -93.216+/-0.012 χ^2/NDF : 907004.5/52

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2 /NDF: 1101803.8/14

Left Out: 90.449 $\pm$ 0.123 χ^2 /NDF:166426.0/10

Right Out: 119.167 $\pm$ 0.199 χ^2 /NDF: 87450.0/17

Left In: 107.858 $\pm$ 0.148 χ^2 /NDF:55109.5/8

Left: 97.600 $\pm$ 0.095 χ^2 /NDF: 229740.5/19

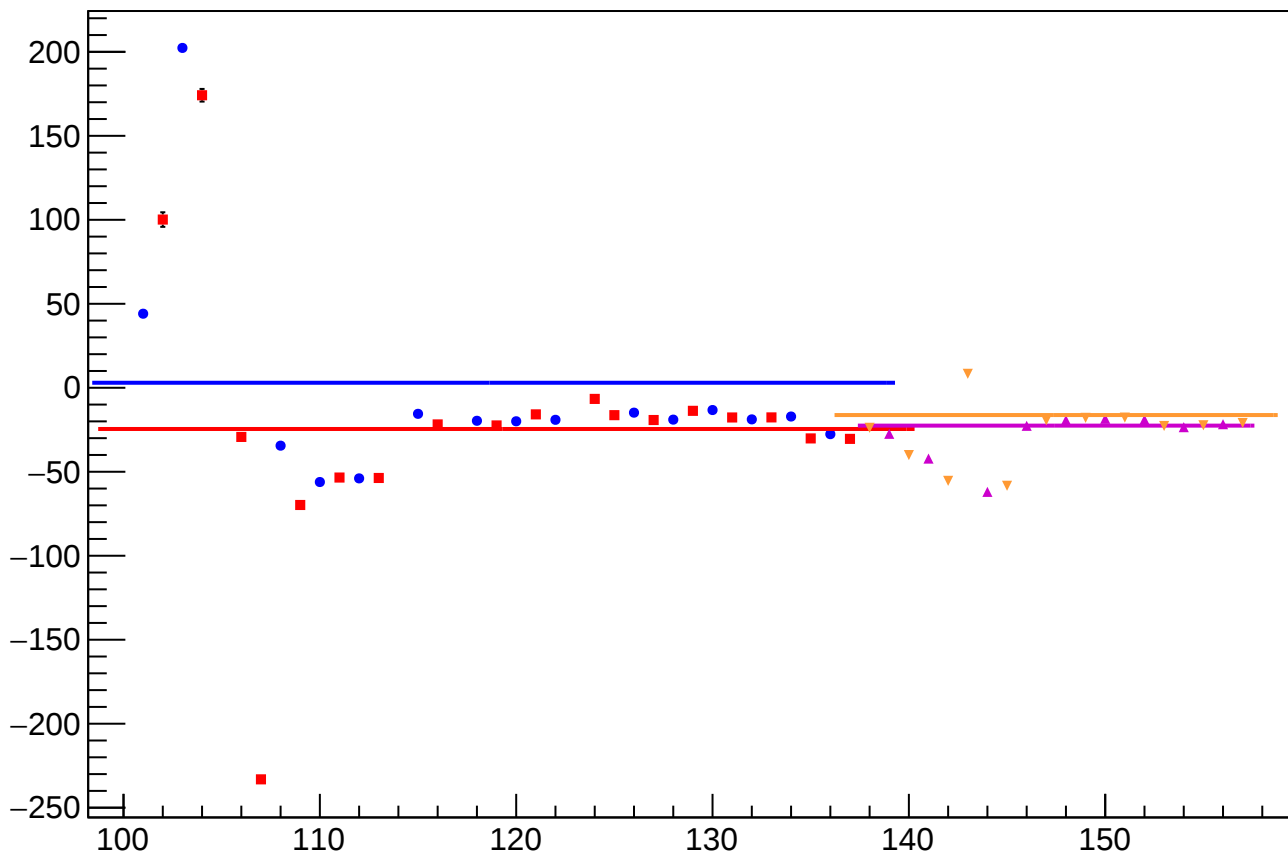
Right: 55.701 $\pm$ 0.121 χ^2 /NDF: 1349806.5/32

In: 64.648 $\pm$ 0.106 χ^2 /NDF:1333863.7/23

Out: 98.389 $\pm$ 0.105 χ^2 /NDF:268905.8/28

All: 81.697 $\pm$ 0.074 χ^2 /NDF: 1654078.0/52

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.237 ± 0.016 $\chi^2/\text{NDF}: 558092.0/10$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.533 ± 0.022 $\chi^2/\text{NDF}: 116713.8/8$

Left: -18.478 ± 0.013 $\chi^2/\text{NDF}: 728484.9/19$

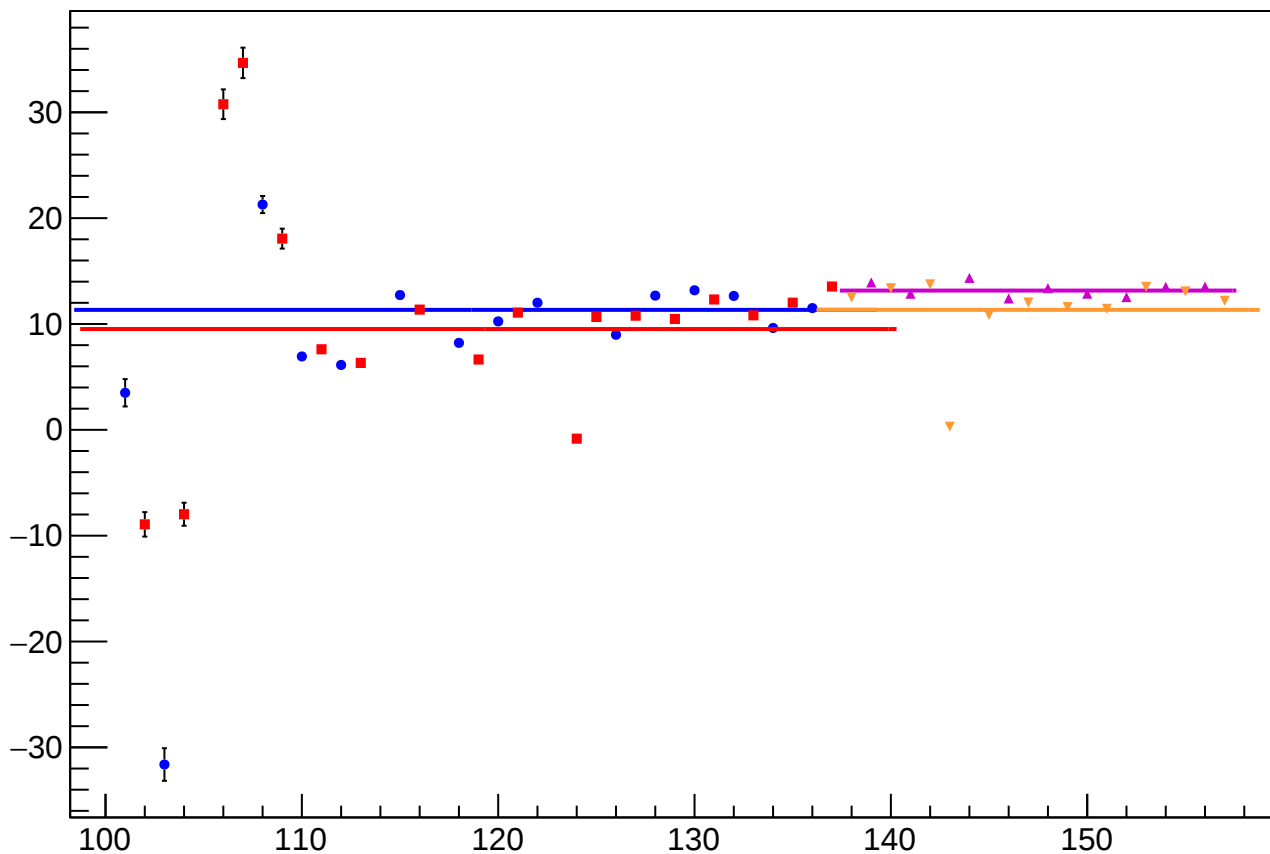
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -12.404 ± 0.017 $\chi^2/\text{NDF}: 4157035.8/23$

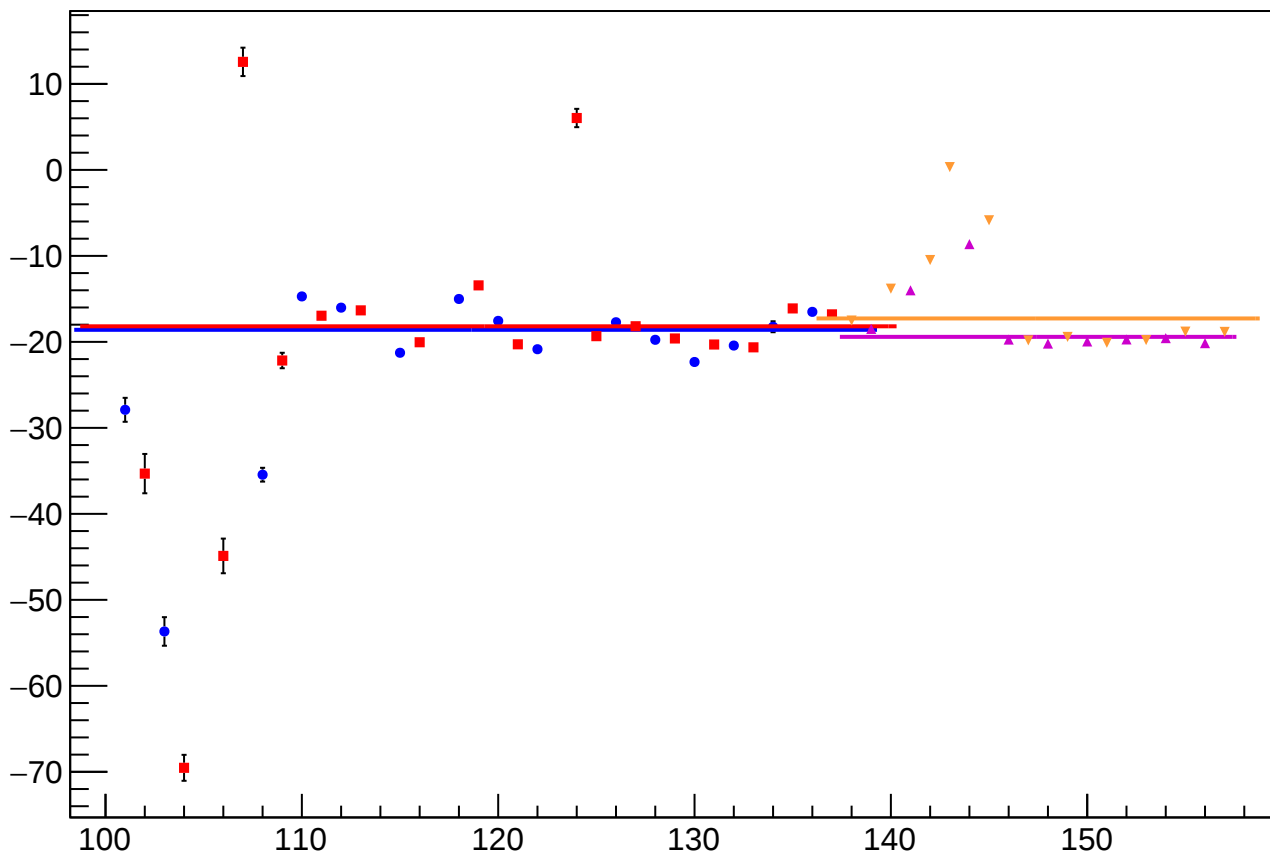
Out: -17.243 ± 0.015 $\chi^2/\text{NDF}: 766354.4/28$

All: -15.085 ± 0.011 $\chi^2/\text{NDF}: 4968622.4/52$

dit_atl1_4aY_slope vs Slug, Sign Corrected



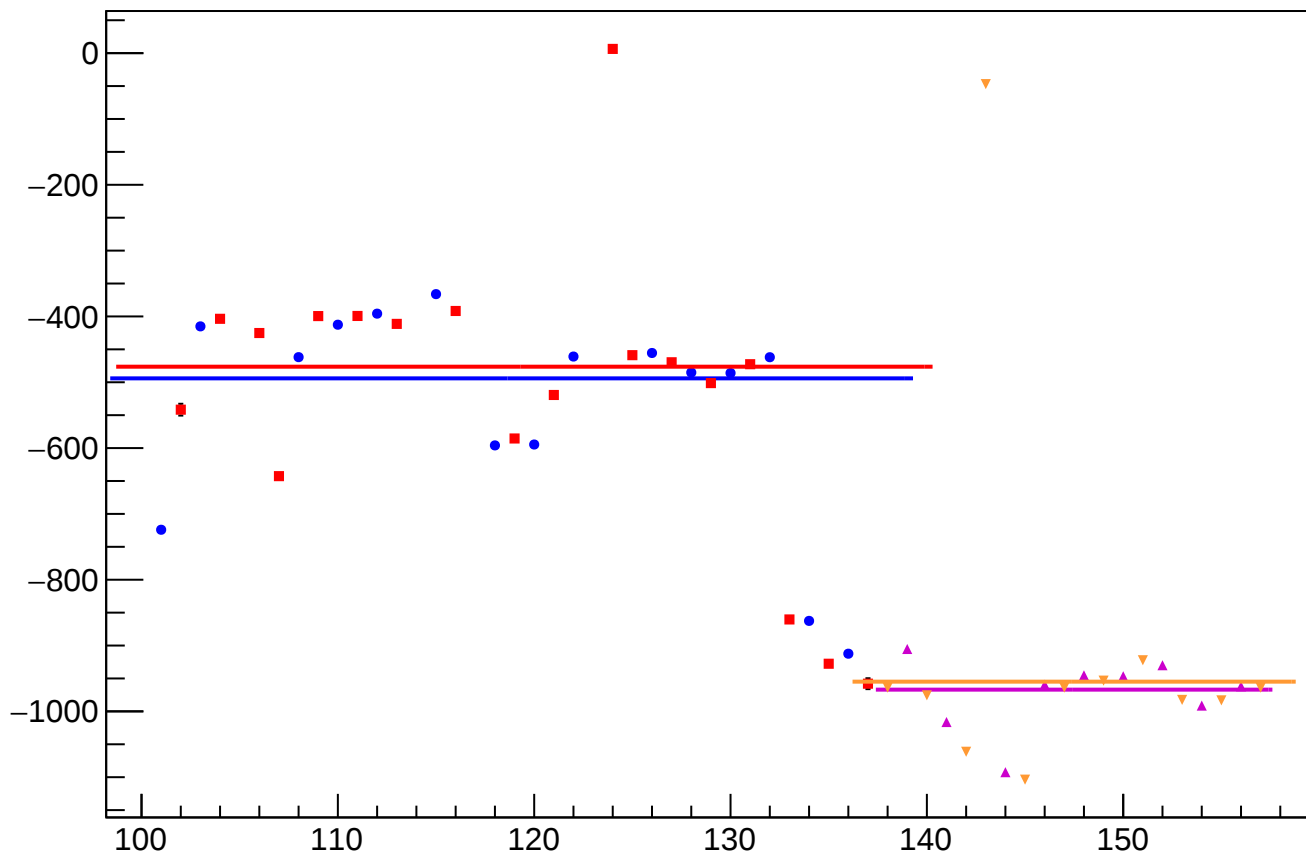
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -17.276 ± 0.024 $\chi^2/\text{NDF}: 43888.4/10$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -19.416 ± 0.023 $\chi^2/\text{NDF}: 6223.1/8$

Left: -18.401 ± 0.016 $\chi^2/\text{NDF}: 54368.0/19$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -19.195 ± 0.019 $\chi^2/\text{NDF}: 12767.0/23$
 Out: -17.447 ± 0.021 $\chi^2/\text{NDF}: 49046.7/28$
 All: -18.412 ± 0.014 $\chi^2/\text{NDF}: 65483.6/52$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -954.854 ± 0.240 $\chi^2/\text{NDF}: 308899.3/10$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -966.992 ± 0.268 $\chi^2/\text{NDF}: 19281.6/8$

Left: -960.259 ± 0.179 $\chi^2/\text{NDF}: 329315.6/19$

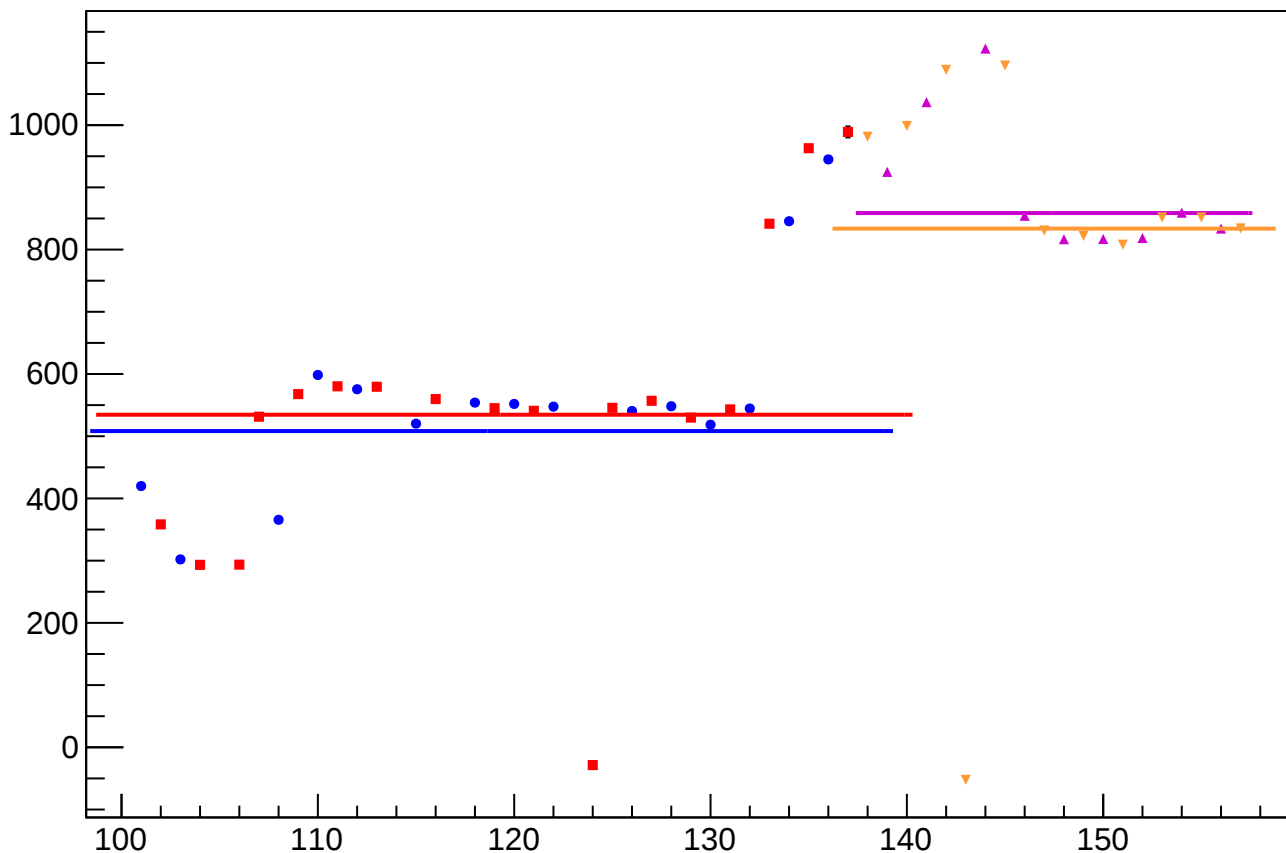
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -696.450 ± 0.176 $\chi^2/\text{NDF}: 2121837.4/23$

Out: -654.440 ± 0.147 $\chi^2/\text{NDF}: 3389511.9/28$

All: -671.712 ± 0.113 $\chi^2/\text{NDF}: 5545071.5/52$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 833.680 $\pm$ 0.194 χ^2 /NDF: 410418.9/10

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 858.691 $\pm$ 0.234 χ^2 /NDF: 86144.3/8

Left: 843.883 $\pm$ 0.149 χ^2 /NDF: 503342.1/19

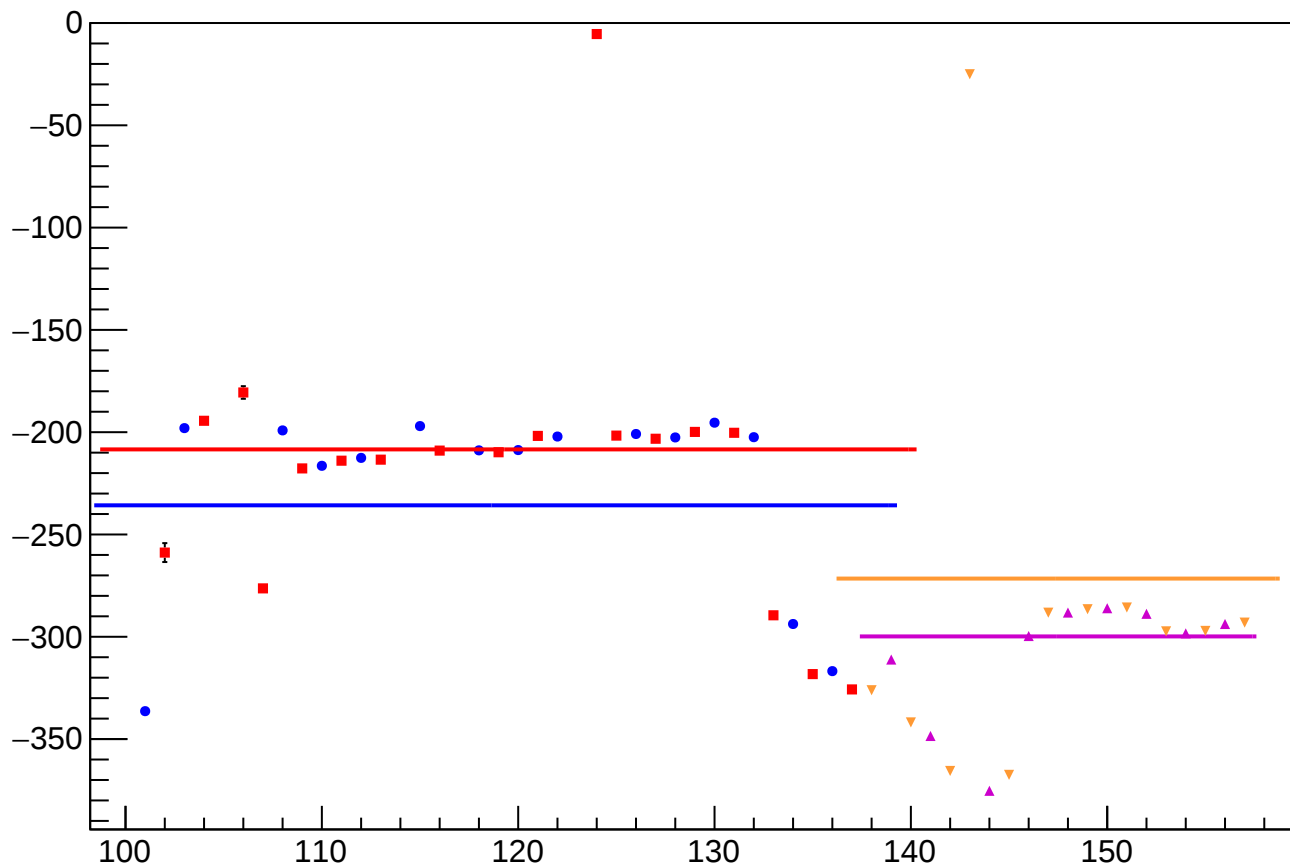
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 674.196 $\pm$ 0.161 χ^2 /NDF: 1708956.7/23

Out: 700.897 $\pm$ 0.145 χ^2 /NDF: 1833841.0/28

All: 688.954 $\pm$ 0.108 χ^2 /NDF: 3558030.3/52

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2 /NDF: 876219.5/14

Left Out: -271.550+/-0.030 χ^2 /NDF:6246529.9/10

Right Out: -208.413+/-0.047 χ^2 /NDF: 375009.3/17

Left In: -299.824+/-0.039 χ^2 /NDF:222632.8/8

Left: -281.987+/-0.024 χ^2 /NDF: 6797240.1/19

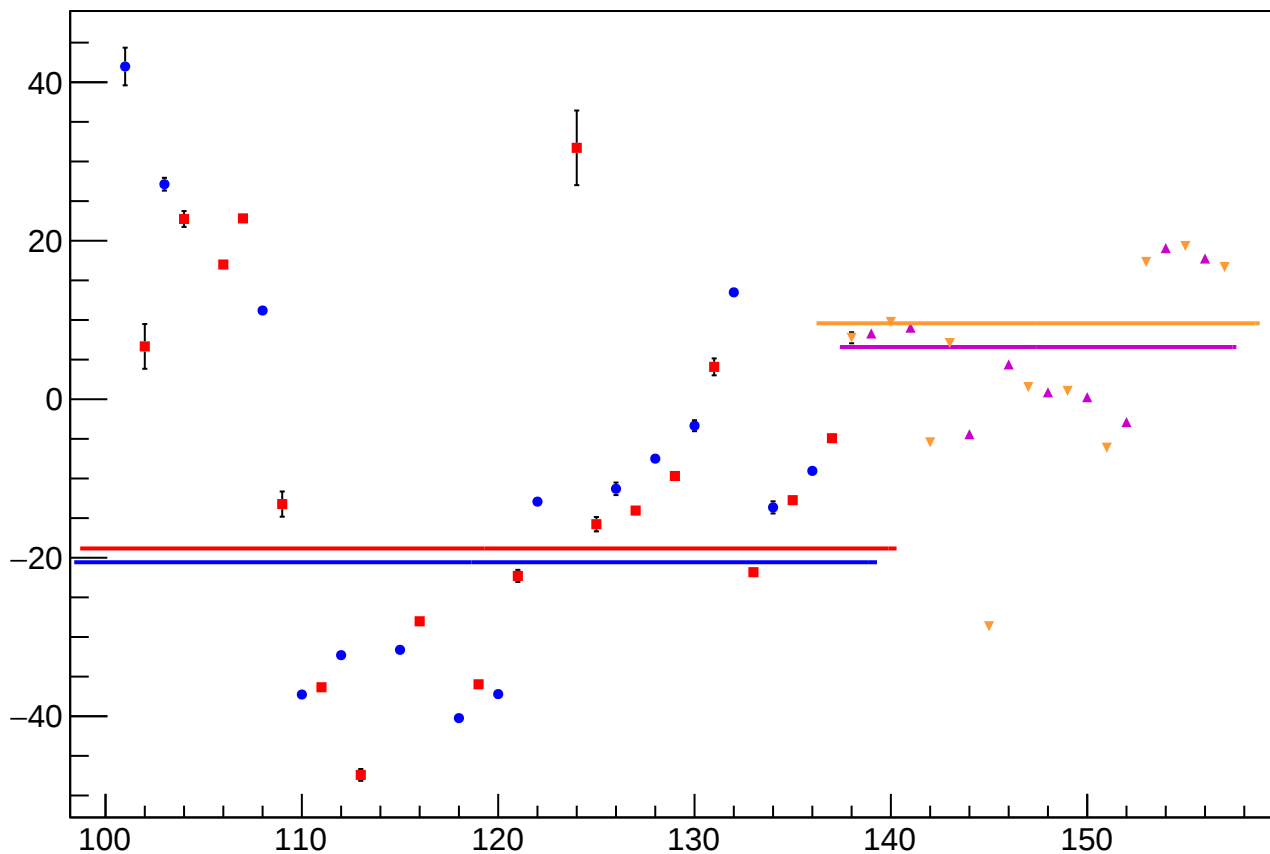
Right: -219.823+/-0.036 χ^2 /NDF: 1393978.3/32

In: -278.350+/-0.032 χ^2 /NDF:1993950.5/23

Out: -253.138+/-0.025 χ^2 /NDF:7913871.7/28

All: -262.820+/-0.020 χ^2 /NDF: 10290887.1/5

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 9.581 ± 0.036 χ^2/NDF : 54763.0/10

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 6.591 ± 0.033 χ^2/NDF : 54799.1/8

Left: 7.979 ± 0.024 χ^2/NDF : 113302.8/19

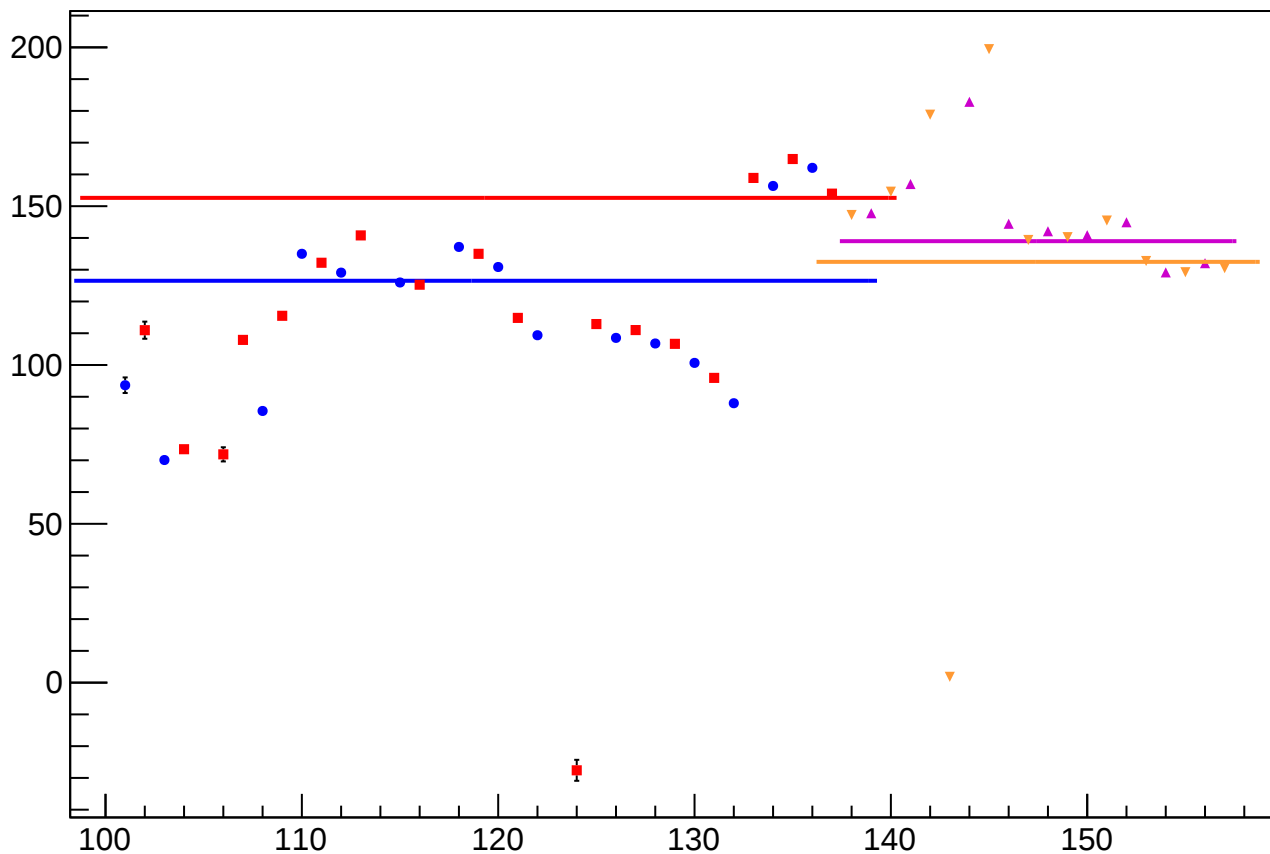
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 1.731 ± 0.030 χ^2/NDF : 237219.0/23

Out: 6.770 ± 0.034 χ^2/NDF : 137971.3/28

All: 3.954 ± 0.023 χ^2/NDF : 387489.9/52

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517+/-0.084 χ^2/NDF : 114967.3/14

Left Out: 132.477+/-0.045 χ^2/NDF :383105.4/10

Right Out: 152.620+/-0.030 χ^2/NDF : 74022.9/17

Left In: 138.987+/-0.039 χ^2/NDF :50943.8/8

Left: 136.218+/-0.030 χ^2/NDF : 445942.9/19

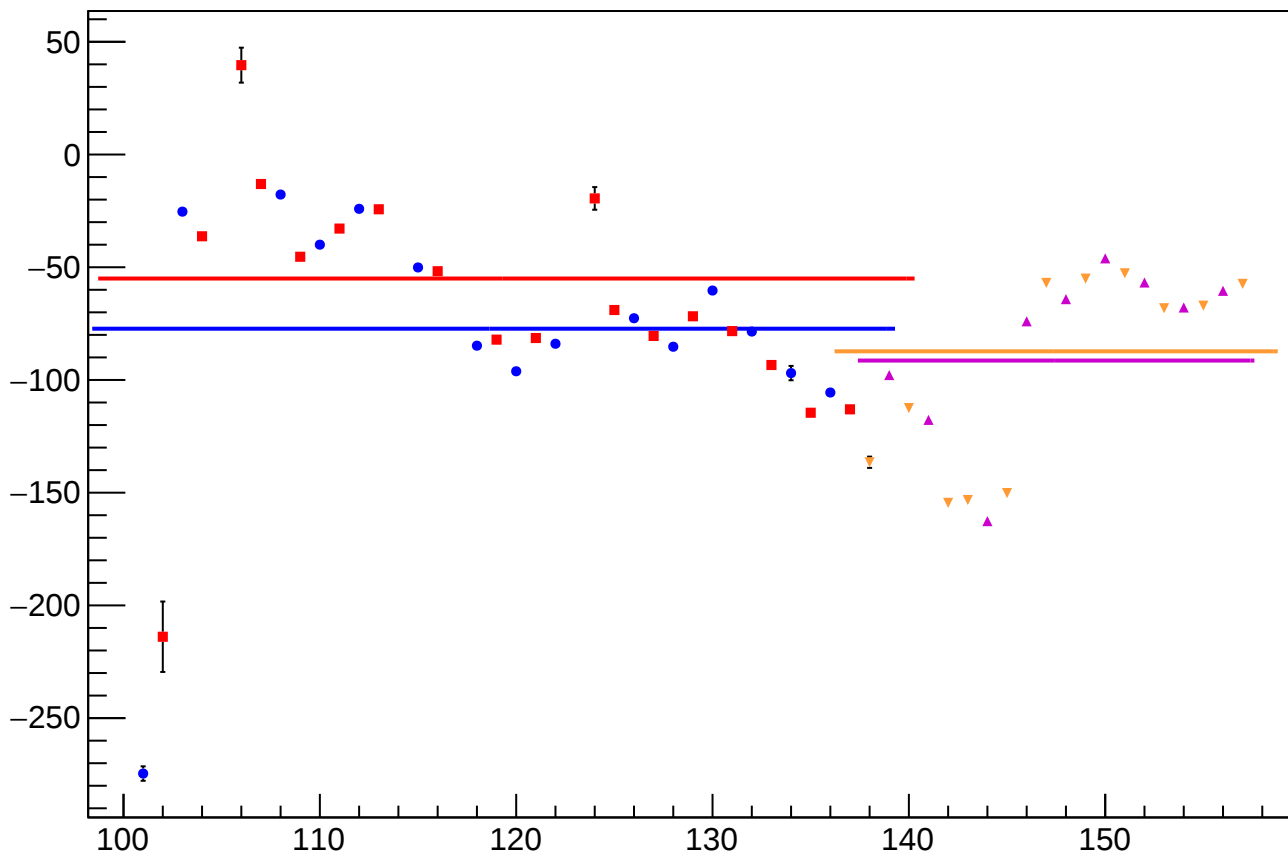
Right: 149.605+/-0.029 χ^2/NDF : 274404.9/32

In: 136.782+/-0.035 χ^2/NDF :184052.7/23

Out: 146.370+/-0.025 χ^2/NDF :593780.4/28

All: 143.135+/-0.021 χ^2/NDF : 826654.5/52

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -87.297 ± 0.170 χ^2/NDF : 51533.3/10

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -91.388 ± 0.172 χ^2/NDF : 47830.6/8

Left: -89.320 ± 0.121 χ^2/NDF : 99648.7/19

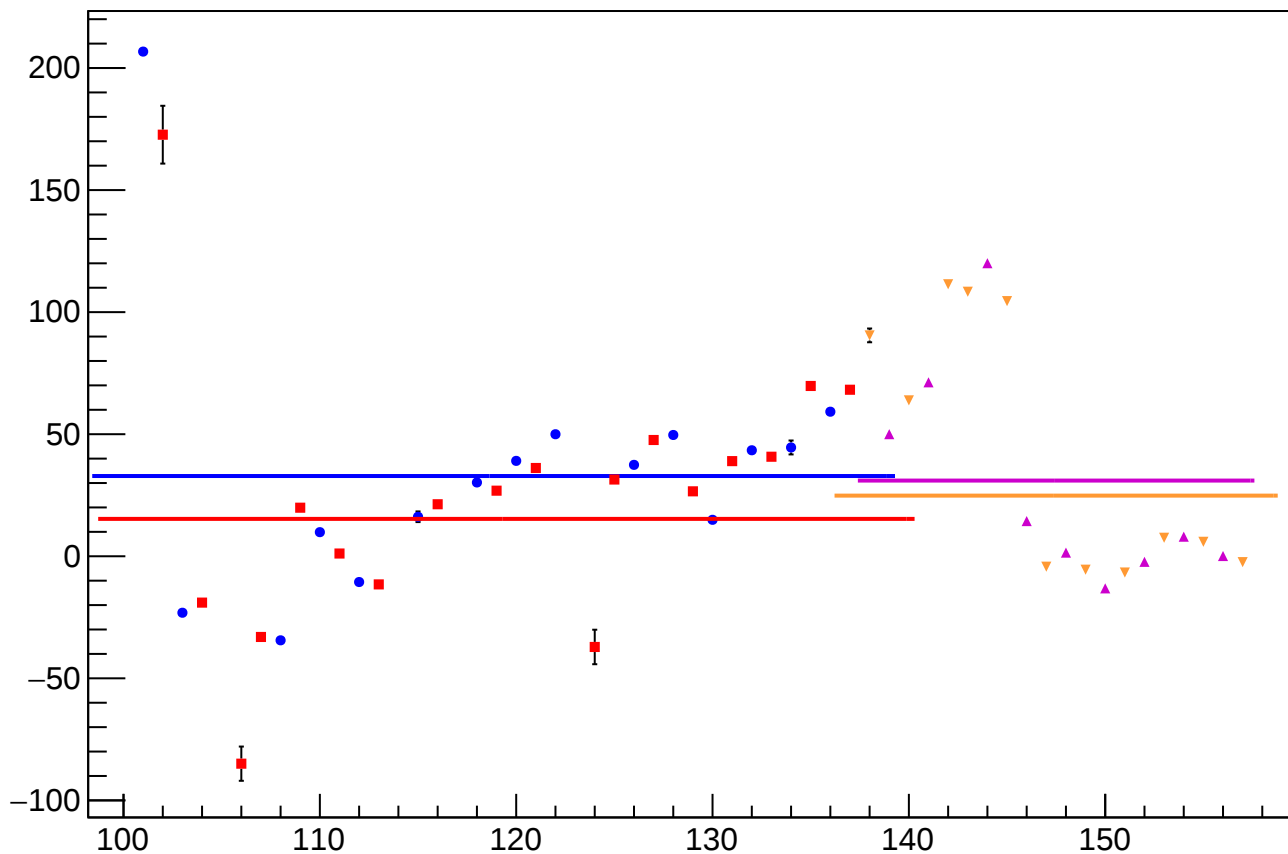
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -83.184 ± 0.112 χ^2/NDF : 82088.5/23

Out: -72.919 ± 0.127 χ^2/NDF : 91142.2/28

All: -78.709 ± 0.084 χ^2/NDF : 176918.5/52

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 24.842 ± 0.149 $\chi^2/\text{NDF}: 82773.7/10$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 31.005 ± 0.153 $\chi^2/\text{NDF}: 74418.1/8$

Left: 27.826 ± 0.107 $\chi^2/\text{NDF}: 158023.7/19$

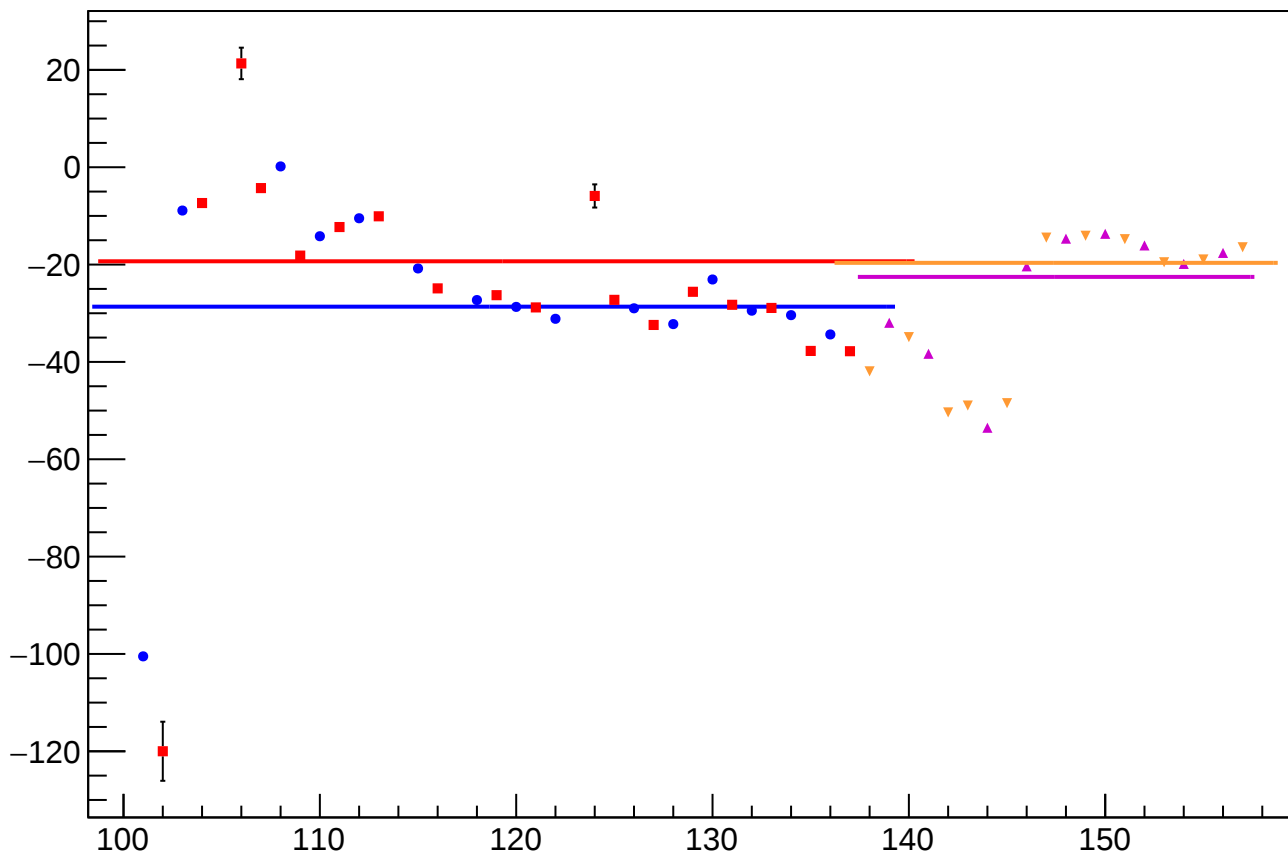
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 31.983 ± 0.106 $\chi^2/\text{NDF}: 105889.2/23$

Out: 21.652 ± 0.121 $\chi^2/\text{NDF}: 100895.0/28$

All: 27.520 ± 0.080 $\chi^2/\text{NDF}: 210905.2/52$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -19.643 ± 0.020 $\chi^2/\text{NDF}: 211461.6/10$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -22.531 ± 0.024 $\chi^2/\text{NDF}: 160365.6/8$

Left: -20.811 ± 0.015 $\chi^2/\text{NDF}: 380548.3/19$

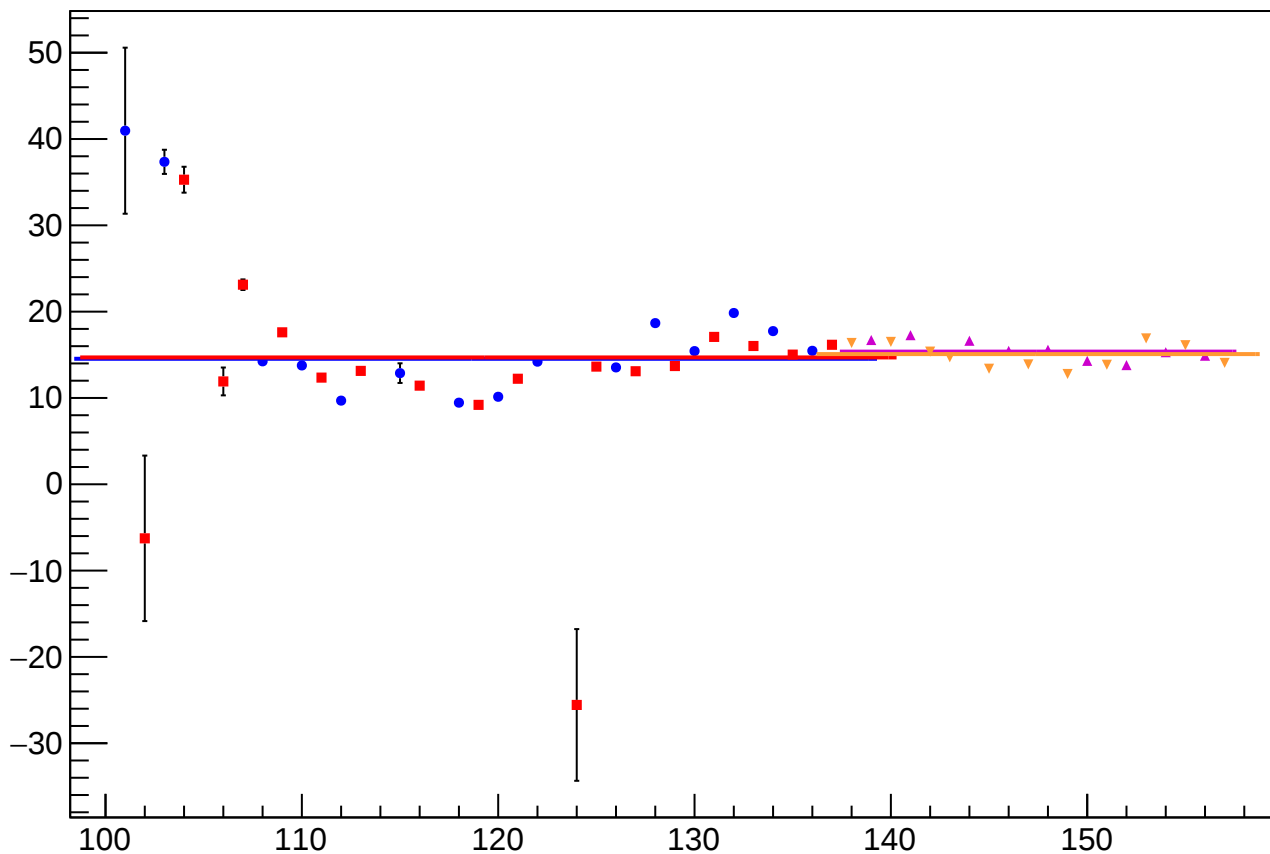
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -24.529 ± 0.020 $\chi^2/\text{NDF}: 295261.3/23$

Out: -19.579 ± 0.018 $\chi^2/\text{NDF}: 268093.1/28$

All: -21.790 ± 0.013 $\chi^2/\text{NDF}: 598706.6/52$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.083+/-0.021 χ^2/NDF : 4470.4/10

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.369+/-0.021 χ^2/NDF : 2701.7/8

Left: 15.224+/-0.015 χ^2/NDF : 7263.7/19

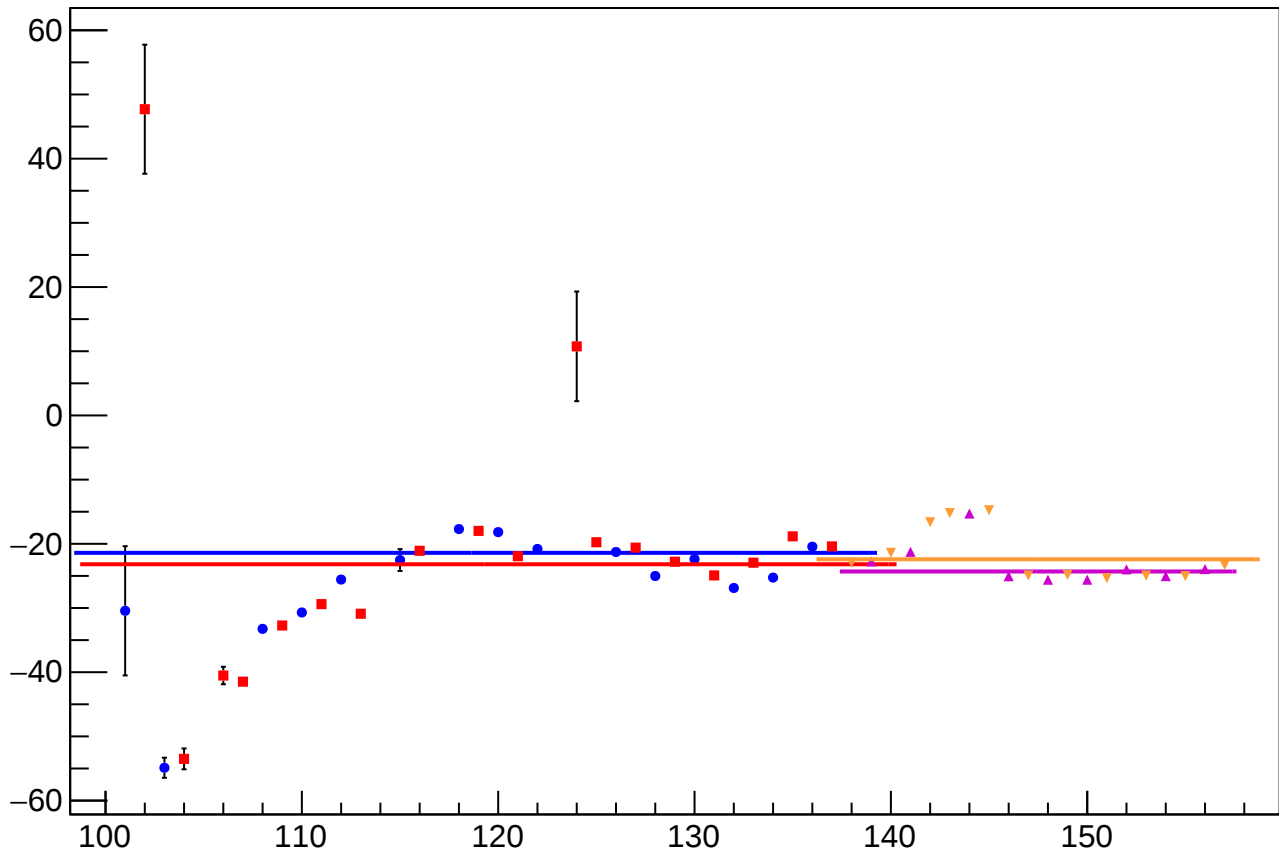
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.088+/-0.017 χ^2/NDF : 15286.9/23

Out: 15.010+/-0.019 χ^2/NDF : 6167.9/28

All: 15.052+/-0.013 χ^2/NDF : 21464.2/52

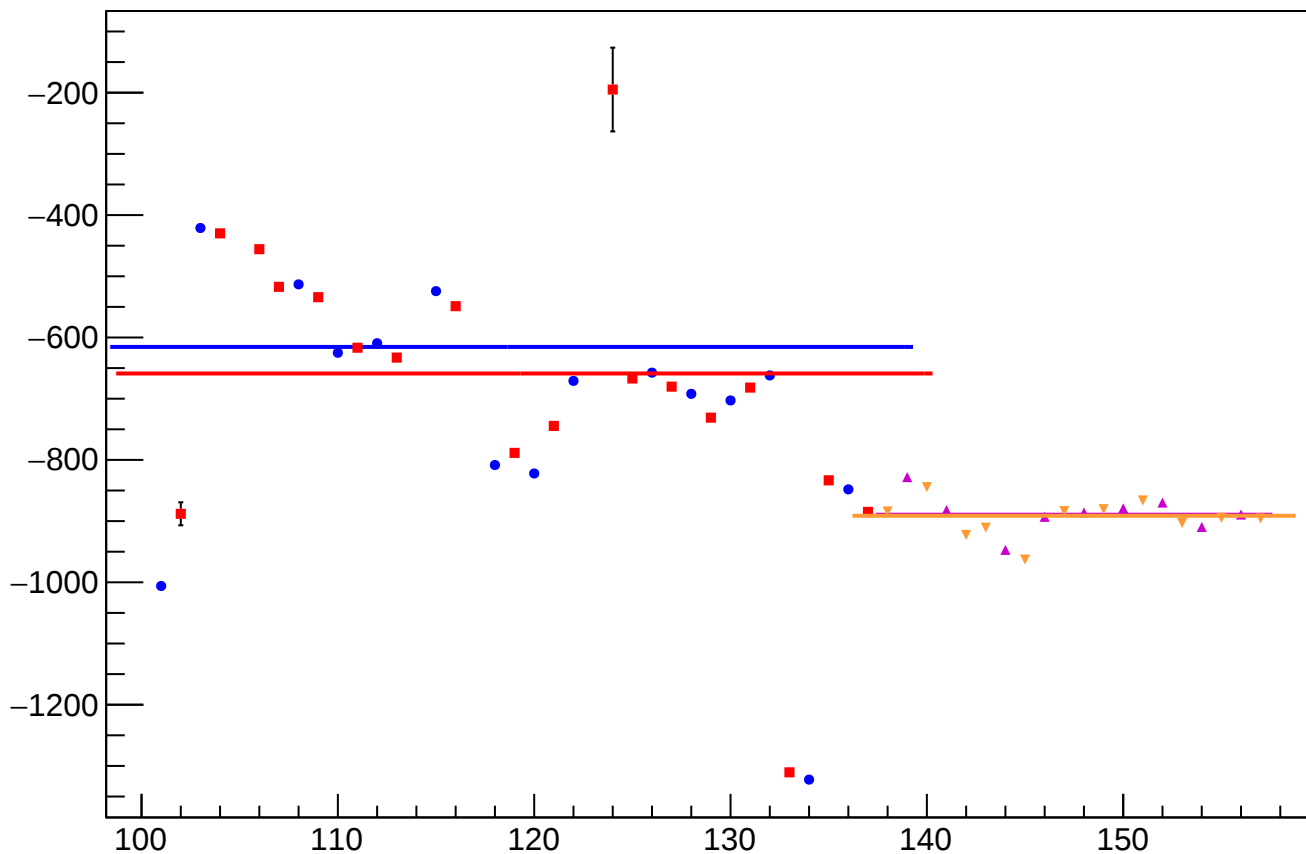
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -22.407 ± 0.024 $\chi^2/\text{NDF}: 26195.7/10$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -24.309 ± 0.022 $\chi^2/\text{NDF}: 7463.7/8$

Left: -23.440 ± 0.016 $\chi^2/\text{NDF}: 37090.1/19$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -23.509 ± 0.019 $\chi^2/\text{NDF}: 21973.4/23$
 Out: -22.547 ± 0.022 $\chi^2/\text{NDF}: 35513.1/28$
 All: -23.099 ± 0.014 $\chi^2/\text{NDF}: 58616.3/52$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -891.298+/-0.200 χ^2/NDF : 11140.8/10

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -889.560+/-0.180 χ^2/NDF : 12223.7/8

Left: -890.340+/-0.134 χ^2/NDF : 23406.3/19

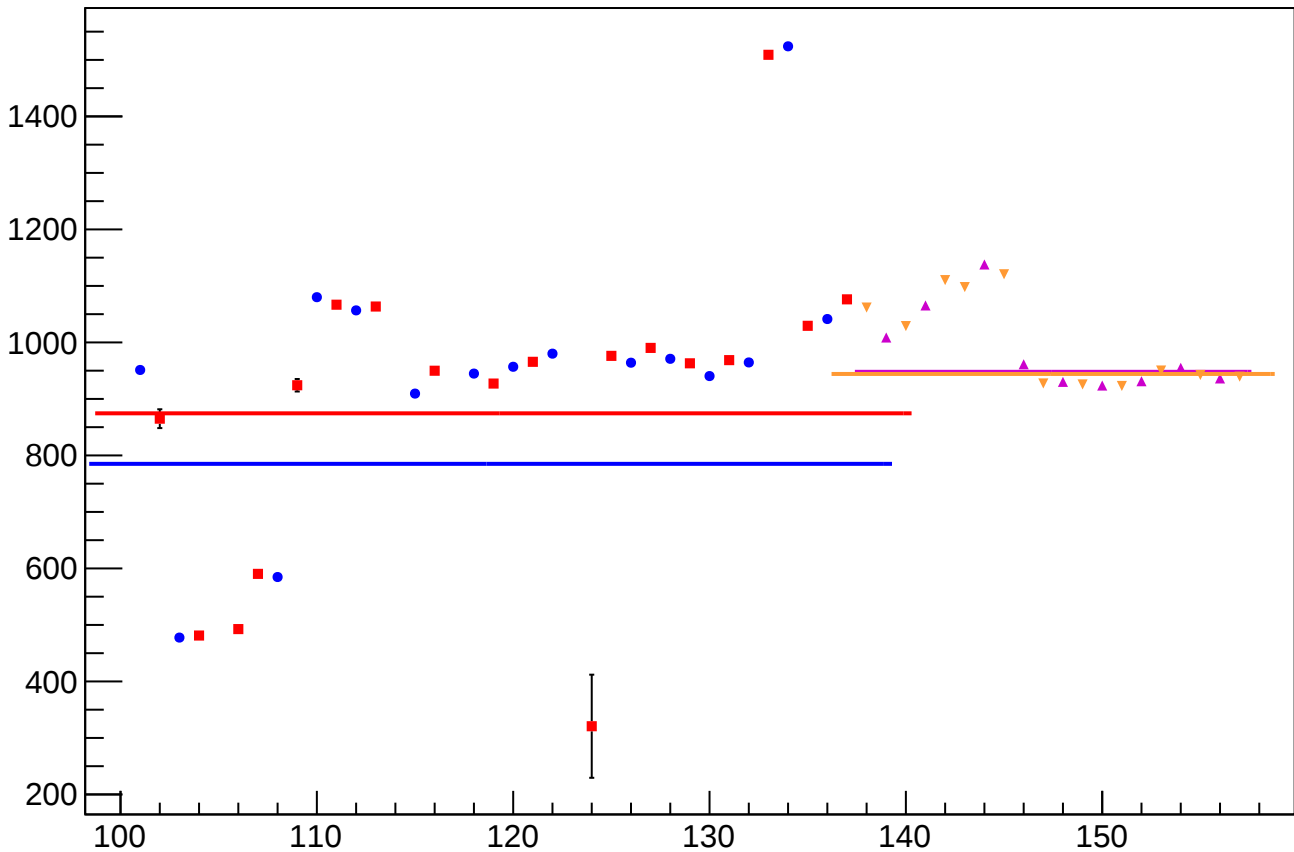
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -789.434+/-0.144 χ^2/NDF : 1240047.6/23

Out: -803.467+/-0.158 χ^2/NDF : 908518.3/28

All: -795.803+/-0.106 χ^2/NDF : 2152900.7/52

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.189+/-0.161 χ^2/NDF : 67979.4/10

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 947.972+/-0.149 χ^2/NDF : 73743.4/8

Left: 946.224+/-0.109 χ^2/NDF : 142019.8/19

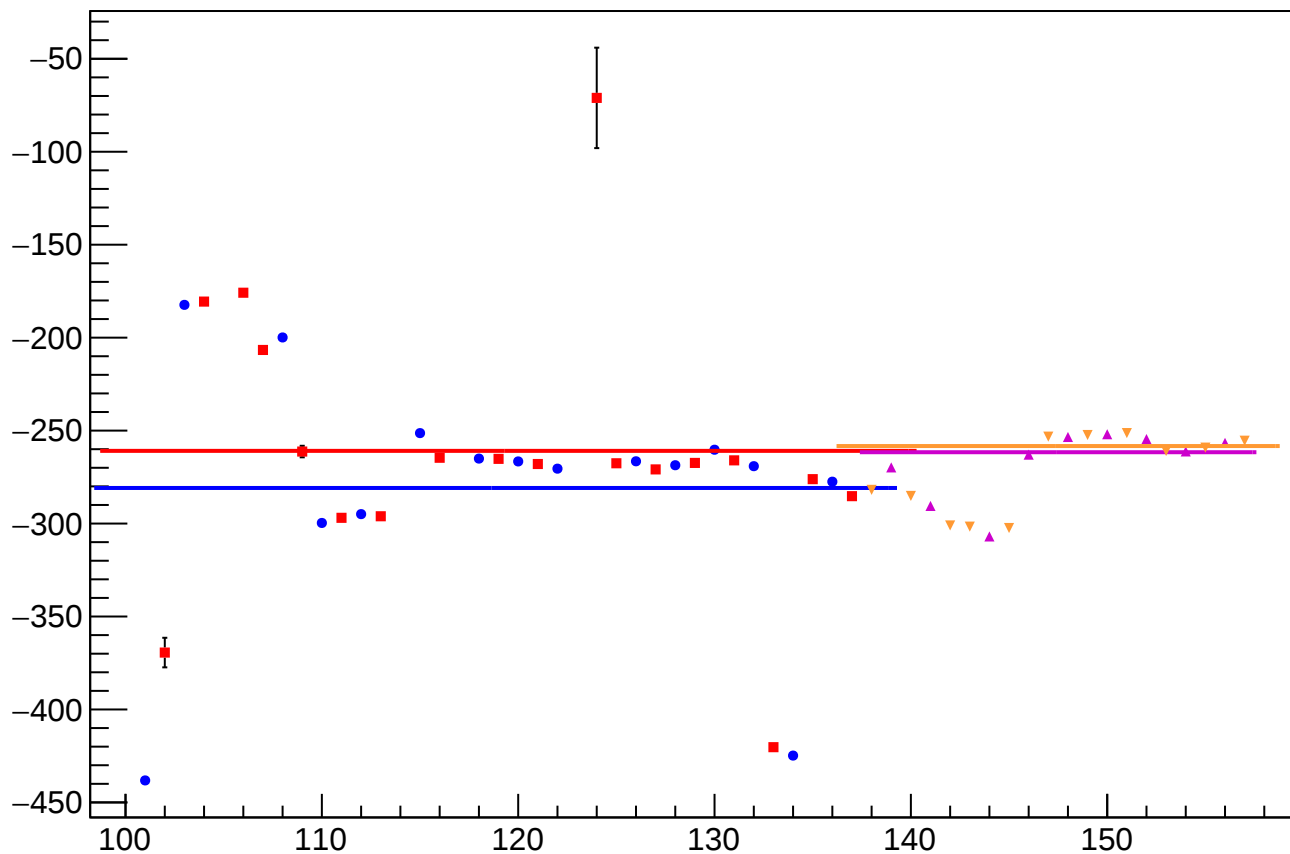
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 899.125+/-0.125 χ^2/NDF : 1317050.3/23

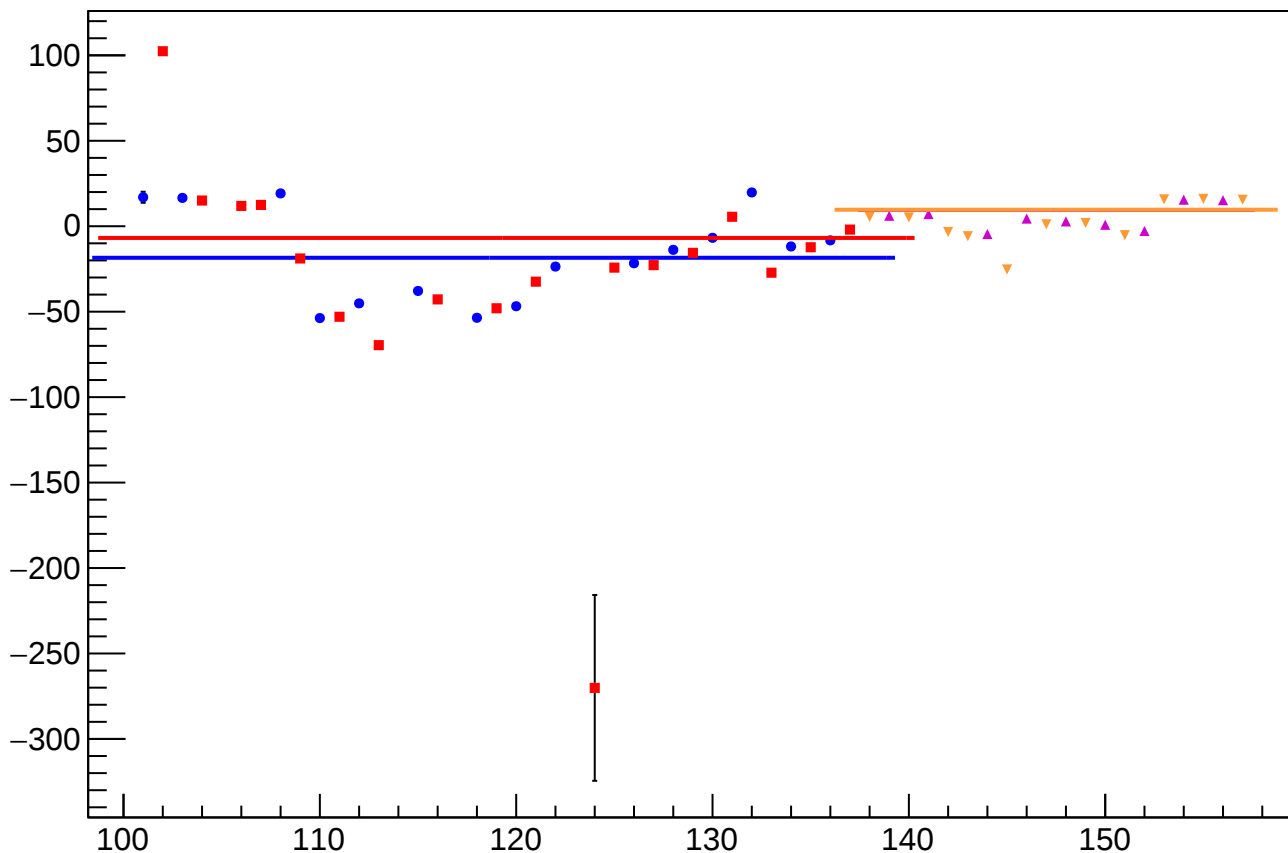
Out: 925.007+/-0.137 χ^2/NDF : 962083.5/28

All: 910.863+/-0.092 χ^2/NDF : 2298614.3/52

dit_atr2_11X12X_slope vs Slug, Sign Corrected



dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 9.665 ± 0.035 $\chi^2/\text{NDF}: 47612.9/10$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 9.482 ± 0.028 $\chi^2/\text{NDF}: 58802.2/8$

Left: 9.553 ± 0.022 $\chi^2/\text{NDF}: 106431.3/19$

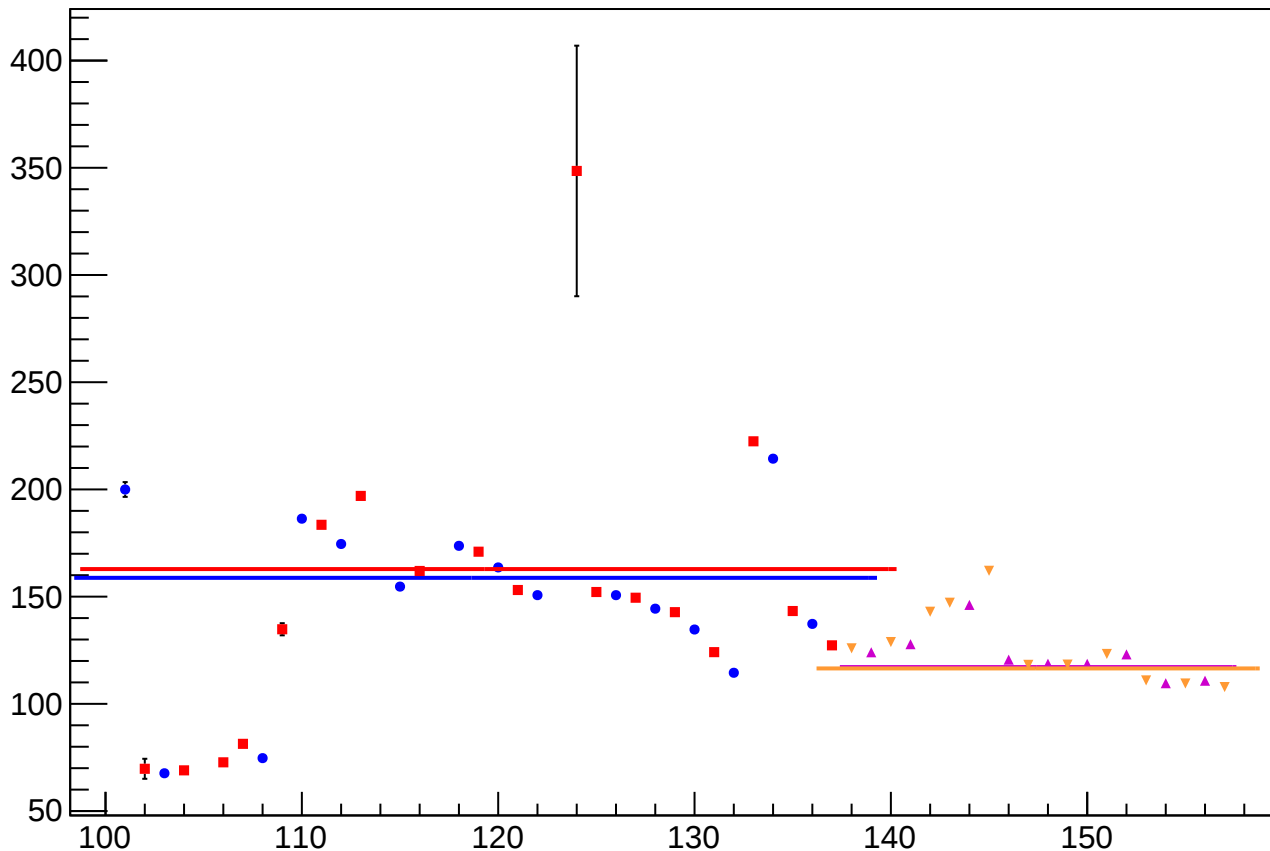
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 7.082 ± 0.027 $\chi^2/\text{NDF}: 190998.8/23$

Out: 5.850 ± 0.031 $\chi^2/\text{NDF}: 147888.4/28$

All: 6.557 ± 0.020 $\chi^2/\text{NDF}: 339790.6/52$

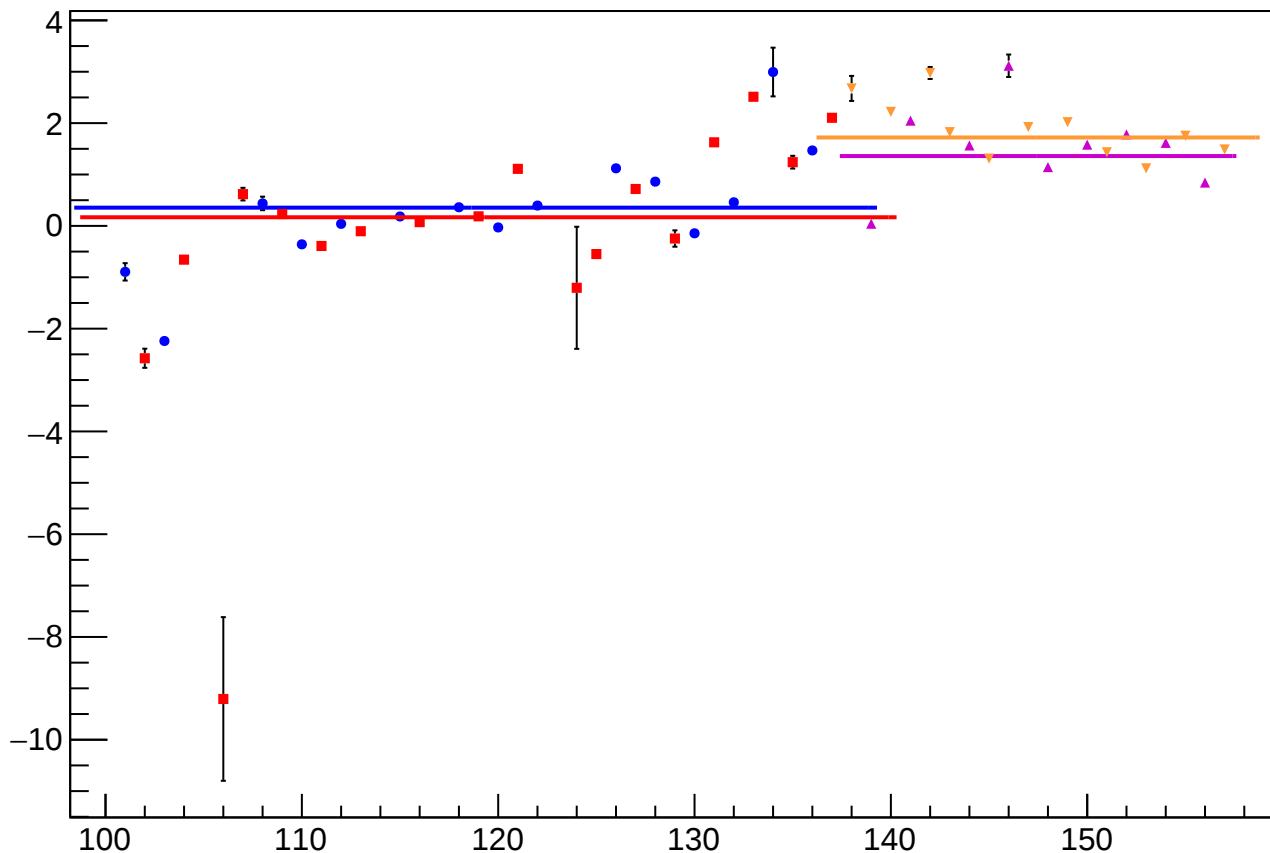
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 116.517 $\pm$ 0.040 χ^2 /NDF:60089.3/10
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 117.164 $\pm$ 0.036 χ^2 /NDF:35000.0/8

Left: 116.876 $\pm$ 0.027 χ^2 /NDF: 95236.5/19
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 122.970 $\pm$ 0.033 χ^2 /NDF:385037.4/23
 Out: 123.643 $\pm$ 0.037 χ^2 /NDF:425159.5/28
 All: 123.272 $\pm$ 0.024 χ^2 /NDF: 810383.8/52

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.721 ± 0.015 $\chi^2/\text{NDF}: 608.7/10$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.359 ± 0.010 $\chi^2/\text{NDF}: 3153.8/8$

Left: 1.468 ± 0.008 $\chi^2/\text{NDF}: 4147.9/19$

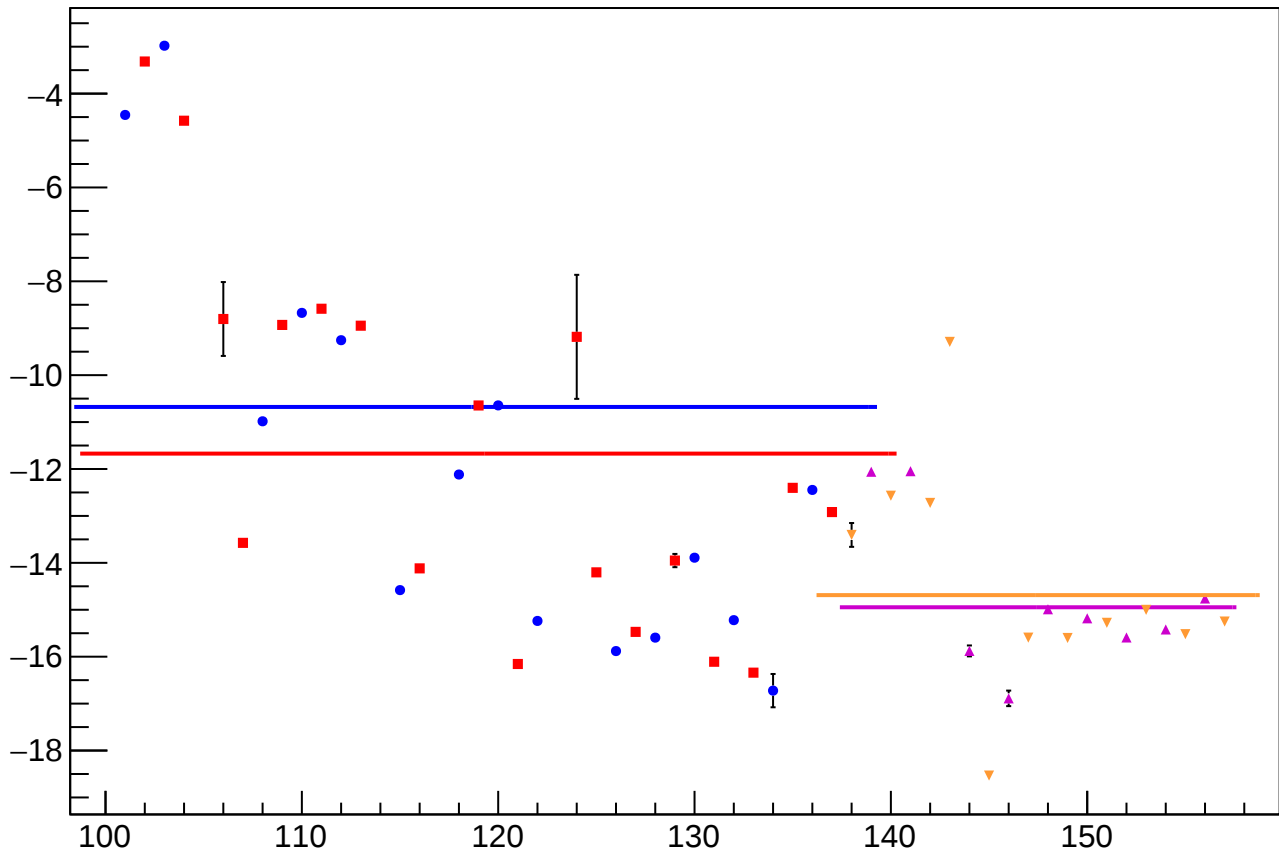
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.934 ± 0.008 $\chi^2/\text{NDF}: 11368.8/23$

Out: 0.475 ± 0.007 $\chi^2/\text{NDF}: 13351.0/28$

All: 0.679 ± 0.005 $\chi^2/\text{NDF}: 26718.9/52$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.688 ± 0.013 $\chi^2/\text{NDF}: 28912.3/10$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.947 ± 0.009 $\chi^2/\text{NDF}: 10789.1/8$

Left: -14.857 ± 0.007 $\chi^2/\text{NDF}: 39981.6/19$

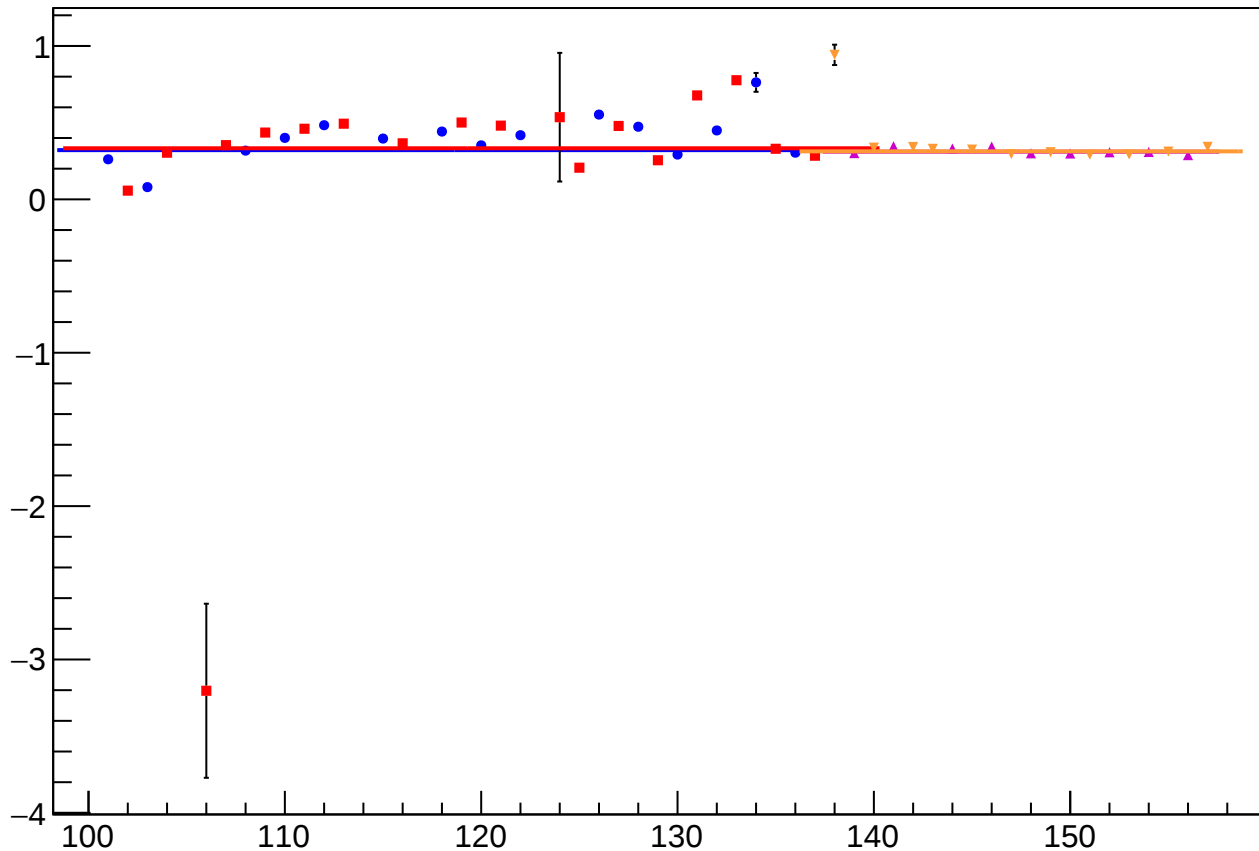
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.073 ± 0.007 $\chi^2/\text{NDF}: 334356.8/23$

Out: -13.071 ± 0.009 $\chi^2/\text{NDF}: 167901.4/28$

All: -13.072 ± 0.005 $\chi^2/\text{NDF}: 502258.1/52$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.313+/-0.000 χ^2/NDF :2519.8/10

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.311+/-0.000 χ^2/NDF :1675.8/8

Left: 0.312+/-0.000 χ^2/NDF : 4213.5/19

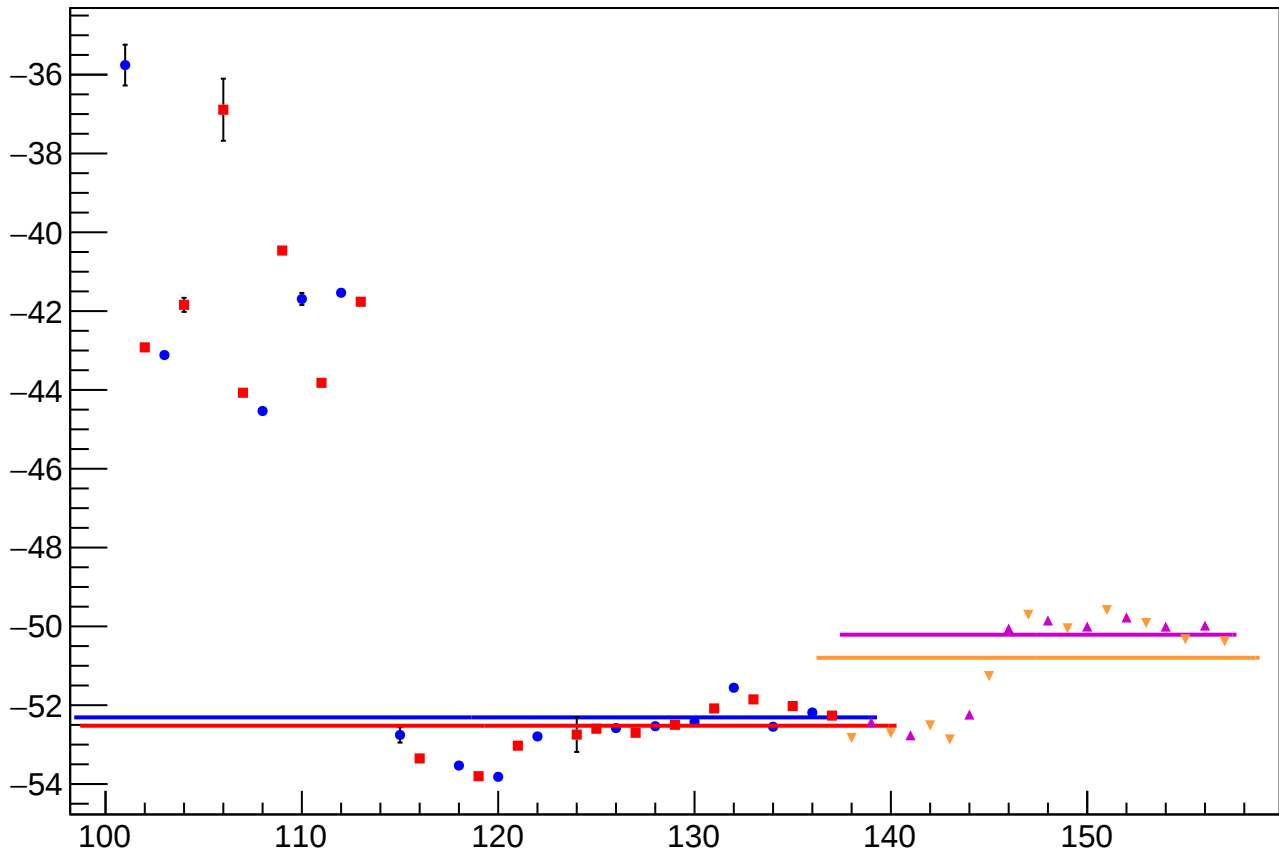
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.312+/-0.000 χ^2/NDF :5796.9/23

Out: 0.315+/-0.000 χ^2/NDF :6925.2/28

All: 0.313+/-0.000 χ^2/NDF : 12751.0/52

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.797 $\pm$ 0.003 χ^2 /NDF: 190284.9/10

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.211 $\pm$ 0.002 χ^2 /NDF: 154896.5/8

Left: -50.372 $\pm$ 0.002 χ^2 /NDF: 371007.7/19

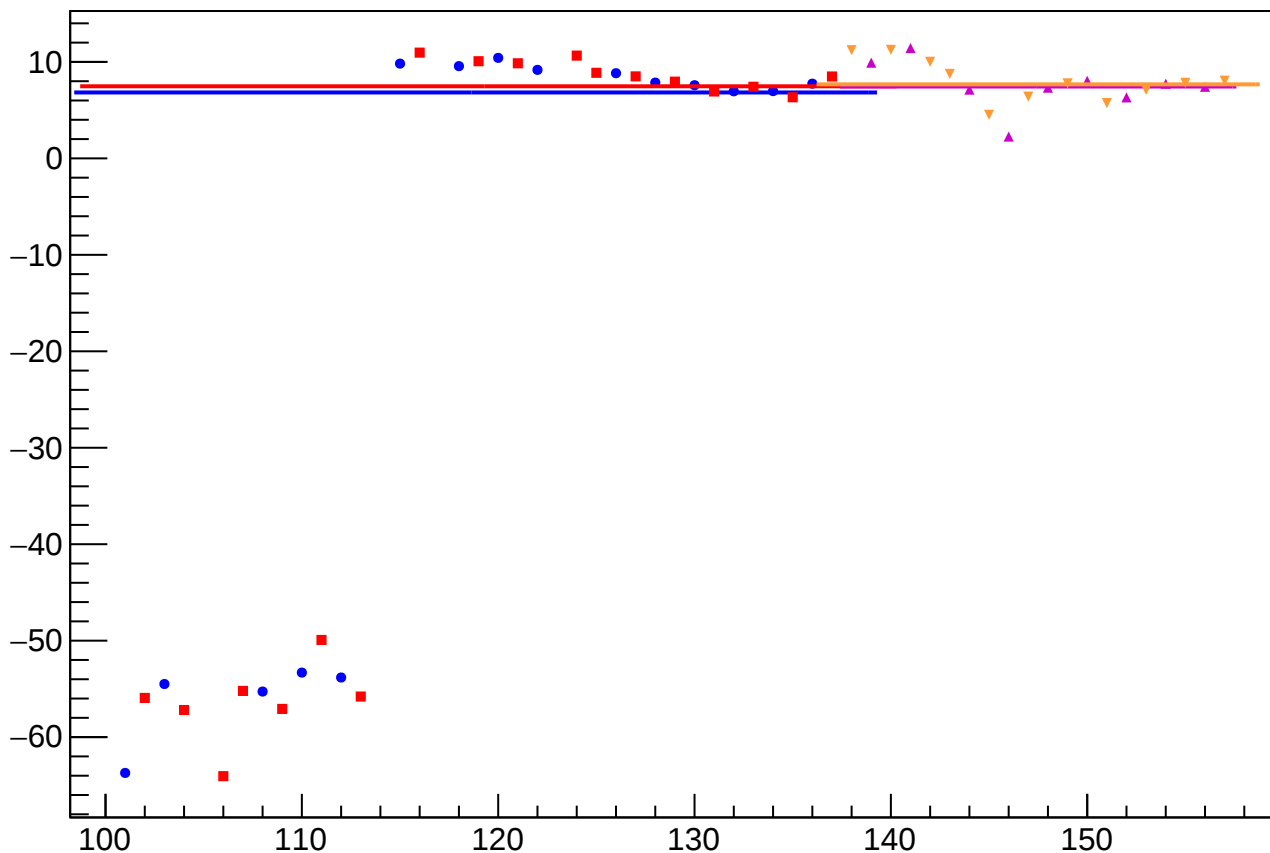
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.542 $\pm$ 0.002 χ^2 /NDF: 398700.7/23

Out: -51.335 $\pm$ 0.003 χ^2 /NDF: 363290.8/28

All: -50.793 $\pm$ 0.001 χ^2 /NDF: 826962.3/52

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.674 ± 0.006 $\chi^2/\text{NDF}: 71292.7/10$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.449 ± 0.004 $\chi^2/\text{NDF}: 93003.5/8$

Left: 7.515 ± 0.003 $\chi^2/\text{NDF}: 165246.5/19$

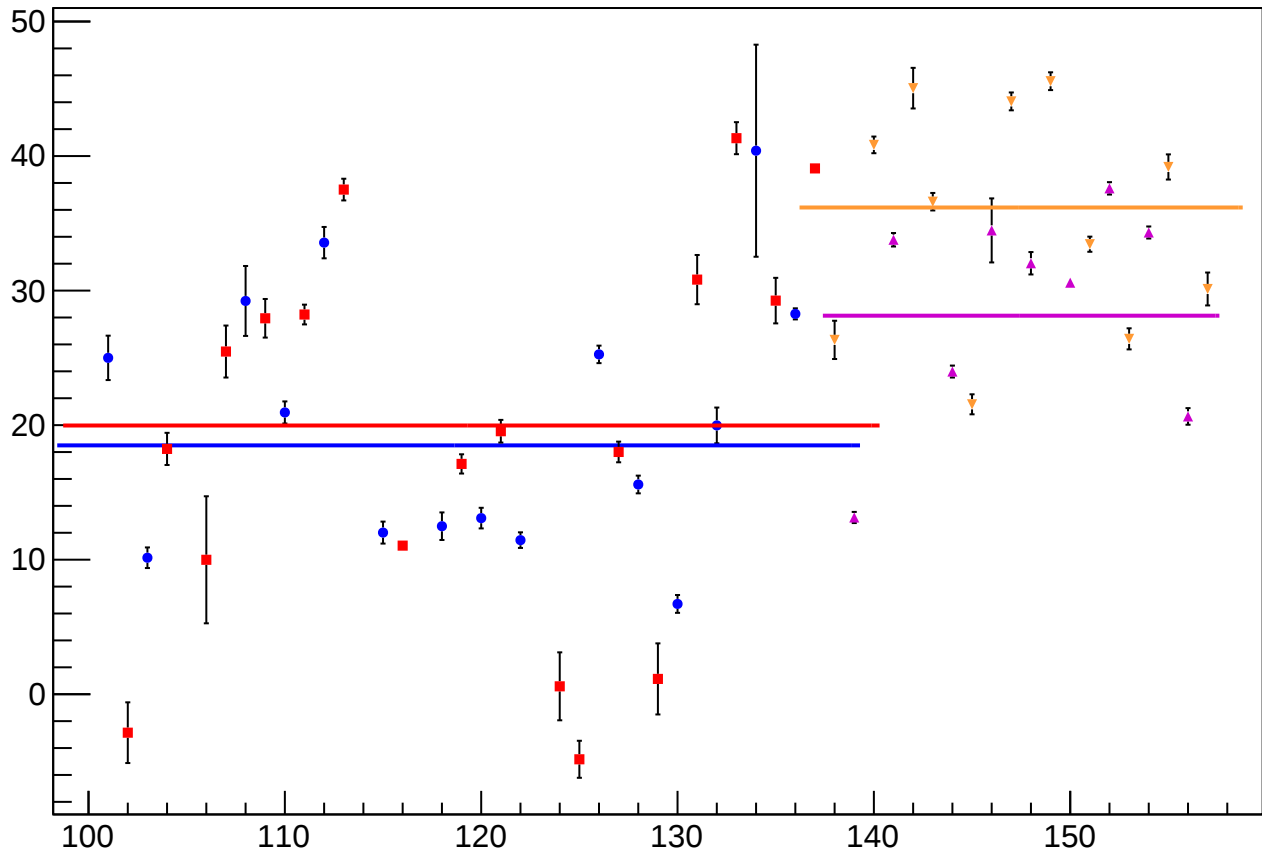
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.214 ± 0.003 $\chi^2/\text{NDF}: 1092703.7/23$

Out: 7.613 ± 0.005 $\chi^2/\text{NDF}: 1267114.7/28$

All: 7.322 ± 0.003 $\chi^2/\text{NDF}: 2364246.0/52$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.177 $\pm$ 0.230 χ^2/NDF :1082.6/10

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 28.135 $\pm$ 0.161 χ^2/NDF :2370.6/8

Left: 30.786 $\pm$ 0.132 χ^2/NDF : 4271.1/19

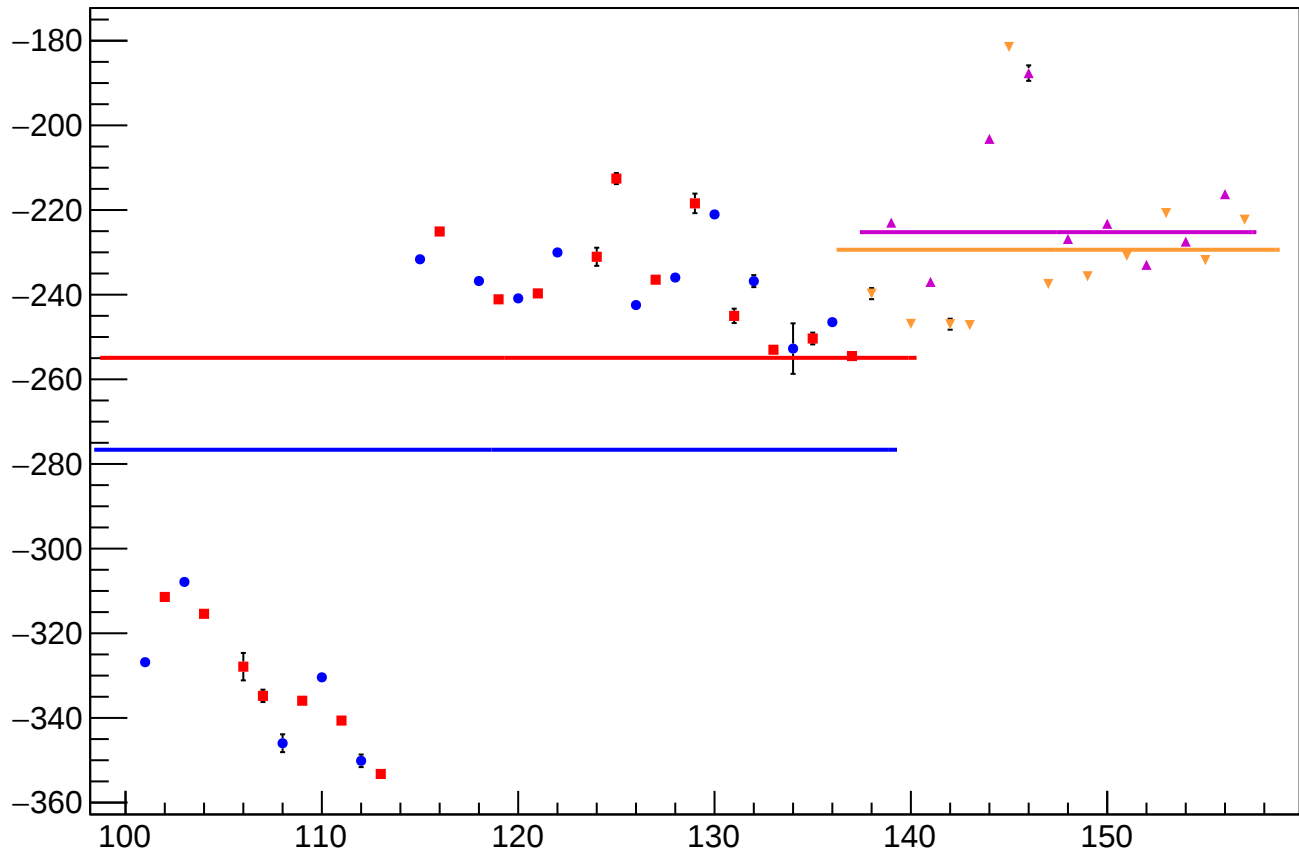
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 24.333 $\pm$ 0.126 χ^2/NDF :5413.1/23

Out: 23.900 $\pm$ 0.113 χ^2/NDF :14037.2/28

All: 24.094 $\pm$ 0.084 χ^2/NDF : 19456.9/52

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -229.387 $\pm$ 0.184 χ^2 /NDF:10949.7/10

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -225.227 $\pm$ 0.139 χ^2 /NDF:2891.4/8

Left: -226.735 $\pm$ 0.111 χ^2 /NDF: 14165.4/19

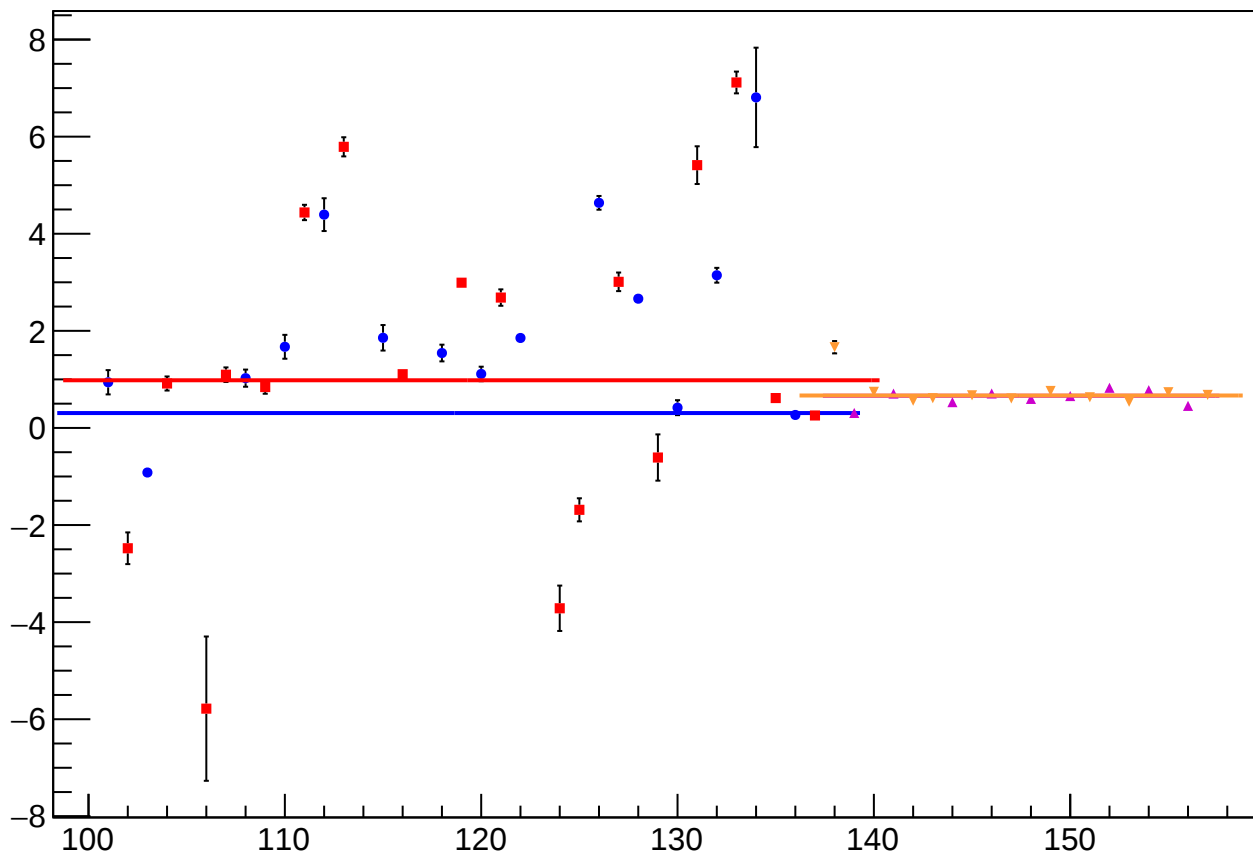
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -249.413 $\pm$ 0.101 χ^2 /NDF:144299.1/23

Out: -251.608 $\pm$ 0.066 χ^2 /NDF:99571.5/28

All: -250.947 $\pm$ 0.056 χ^2 /NDF: 244199.1/52

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.668 $\pm$ 0.003 χ^2/NDF : 568.4/10

Right Out: 0.982 $\pm$ 0.015 χ^2/NDF : 3374.7/17

Left In: 0.663 $\pm$ 0.003 χ^2/NDF : 3821.6/8

Left: 0.665 $\pm$ 0.002 χ^2/NDF : 4391.6/19

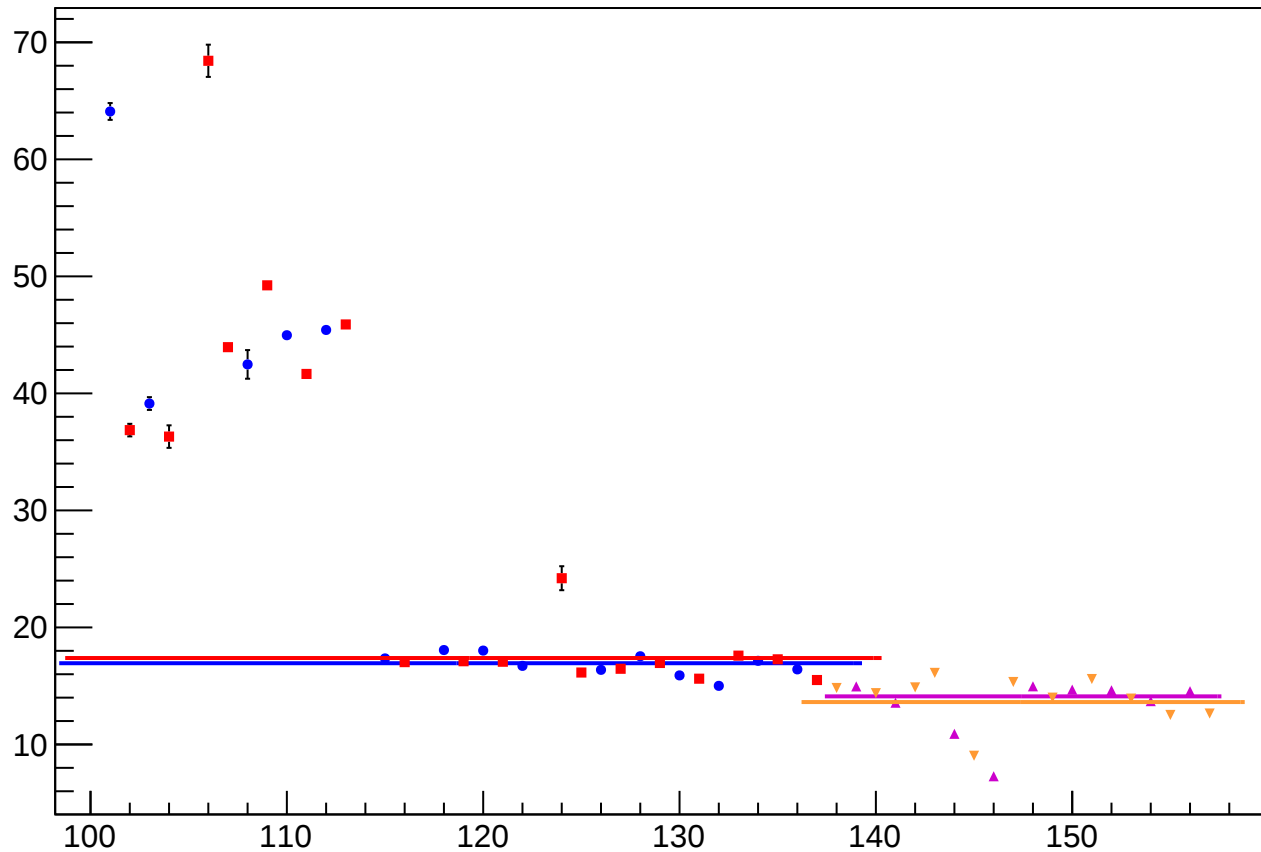
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.613 $\pm$ 0.002 χ^2/NDF : 9087.1/23

Out: 0.683 $\pm$ 0.003 χ^2/NDF : 4378.9/28

All: 0.640 $\pm$ 0.002 χ^2/NDF : 13765.4/52

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2/NDF : 29019.8/14

Left Out: 13.623 $\pm$ 0.013 χ^2/NDF : 43823.7/10

Right Out: 17.385 $\pm$ 0.018 χ^2/NDF : 61131.5/17

Left In: 14.109 $\pm$ 0.012 χ^2/NDF : 6073.7/8

Left: 13.879 $\pm$ 0.009 χ^2/NDF : 50692.3/19

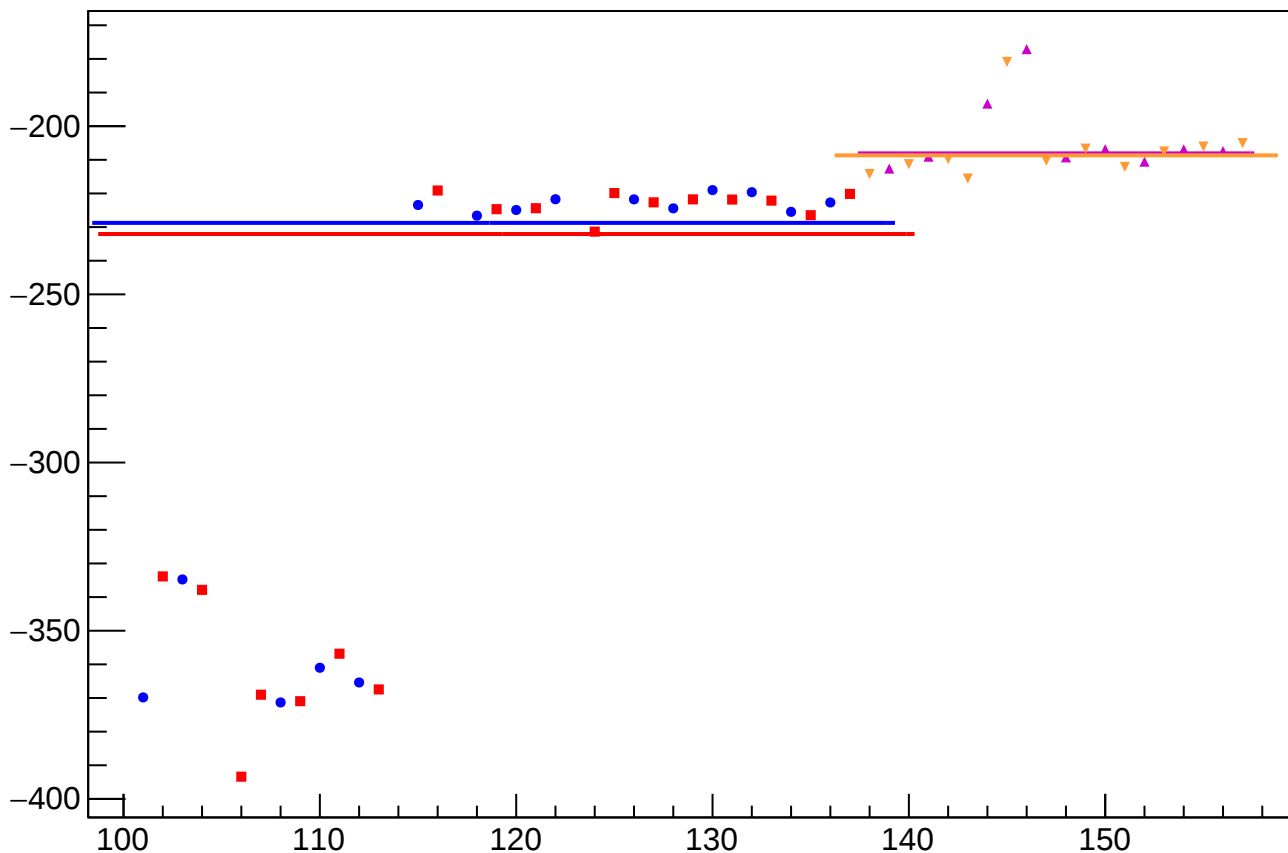
Right: 17.096 $\pm$ 0.010 χ^2/NDF : 90566.4/32

In: 15.410 $\pm$ 0.009 χ^2/NDF : 61275.8/23

Out: 14.887 $\pm$ 0.010 χ^2/NDF : 135335.8/28

All: 15.189 $\pm$ 0.007 χ^2/NDF : 198130.8/52

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.674 ± 0.022 $\chi^2/\text{NDF}: 73723.7/10$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.084 ± 0.020 $\chi^2/\text{NDF}: 14101.3/8$

Left: -208.351 ± 0.015 $\chi^2/\text{NDF}: 88220.9/19$

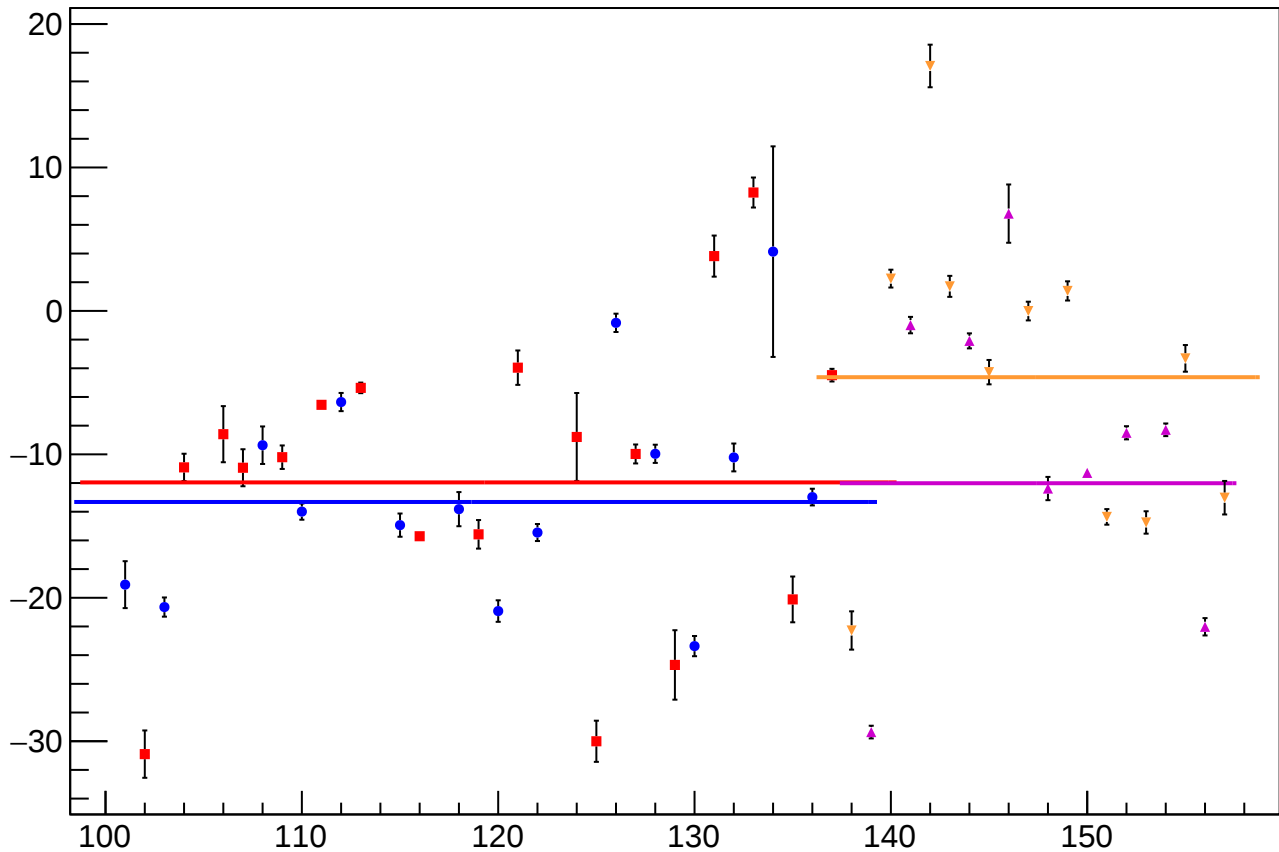
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -213.217 ± 0.017 $\chi^2/\text{NDF}: 938483.5/23$

Out: -213.822 ± 0.019 $\chi^2/\text{NDF}: 1115237.8/28$

All: -213.485 ± 0.013 $\chi^2/\text{NDF}: 2054264.5/52$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -4.622 ± 0.233 $\chi^2/\text{NDF}: 1259.6/10$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -12.013 ± 0.171 $\chi^2/\text{NDF}: 2752.5/8$

Left: -9.439 ± 0.138 $\chi^2/\text{NDF}: 4665.4/19$

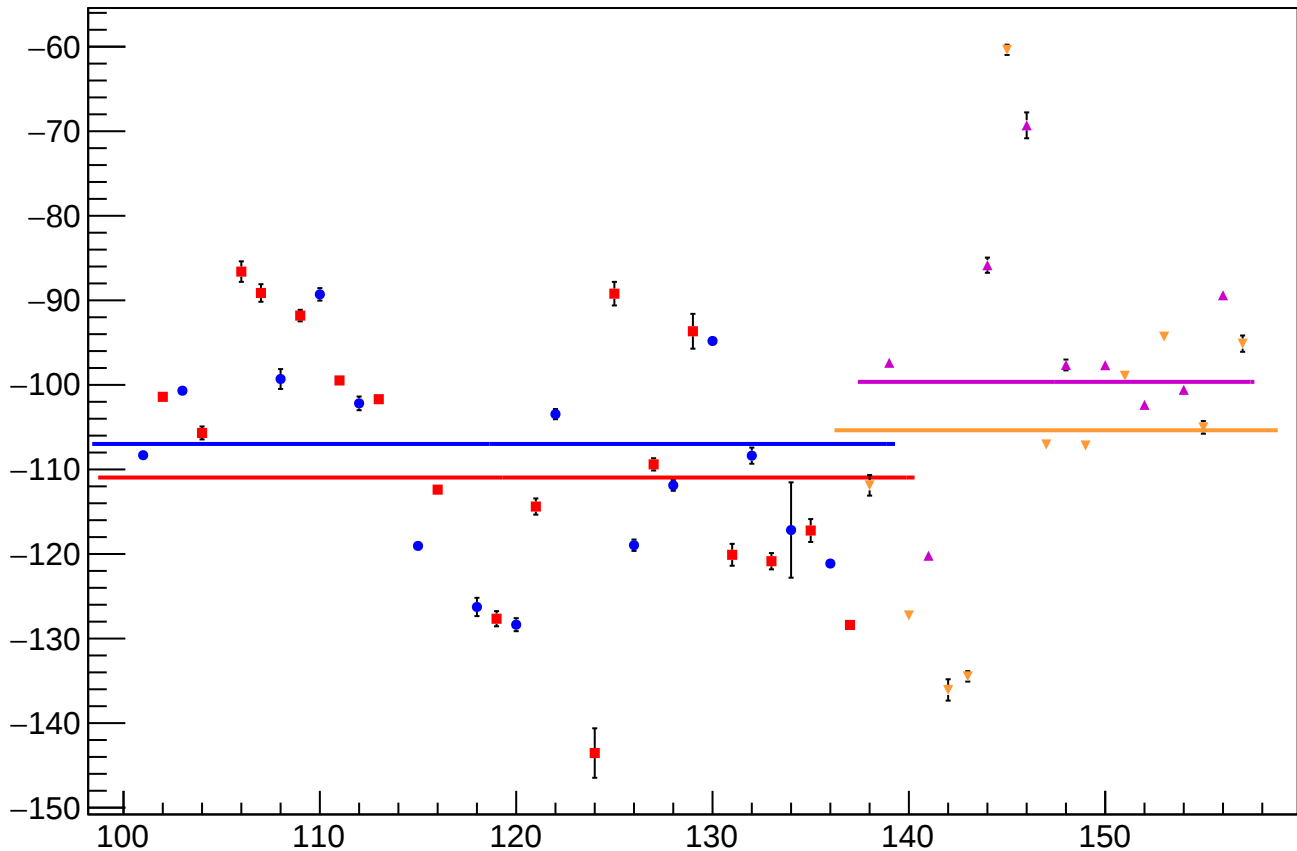
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -12.585 ± 0.128 $\chi^2/\text{NDF}: 3791.2/23$

Out: -10.572 ± 0.101 $\chi^2/\text{NDF}: 4547.6/28$

All: -11.348 ± 0.080 $\chi^2/\text{NDF}: 8490.6/52$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -105.367 ± 0.184 $\chi^2/\text{NDF}: 11078.4/10$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -99.642 ± 0.143 $\chi^2/\text{NDF}: 3204.4/8$

Left: -101.792 ± 0.113 $\chi^2/\text{NDF}: 14886.0/19$

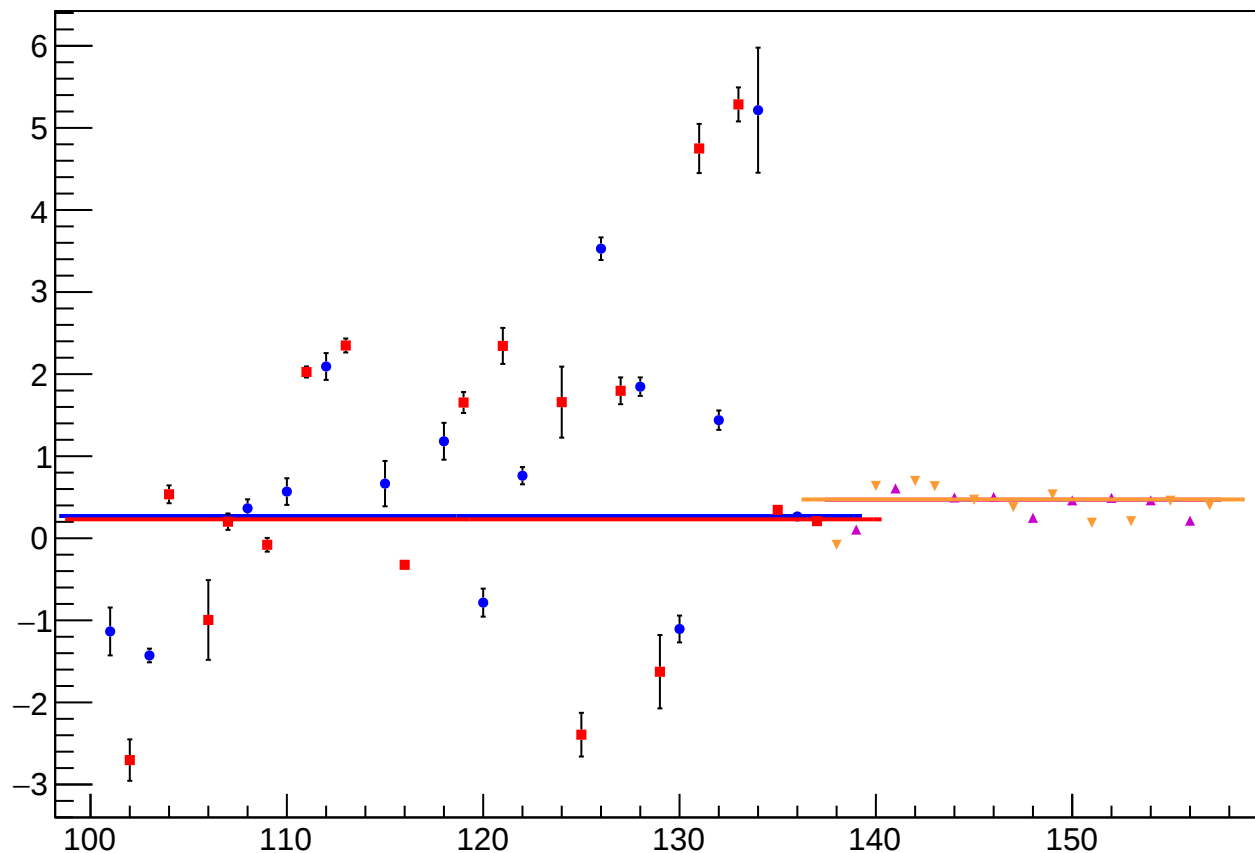
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -104.250 ± 0.087 $\chi^2/\text{NDF}: 9519.7/23$

Out: -110.569 ± 0.048 $\chi^2/\text{NDF}: 22610.0/28$

All: -109.079 ± 0.042 $\chi^2/\text{NDF}: 36144.7/52$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.473 ± 0.004 χ^2/NDF : 2198.6/10

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.470 ± 0.003 χ^2/NDF : 2914.8/8

Left: 0.471 ± 0.002 χ^2/NDF : 5114.0/19

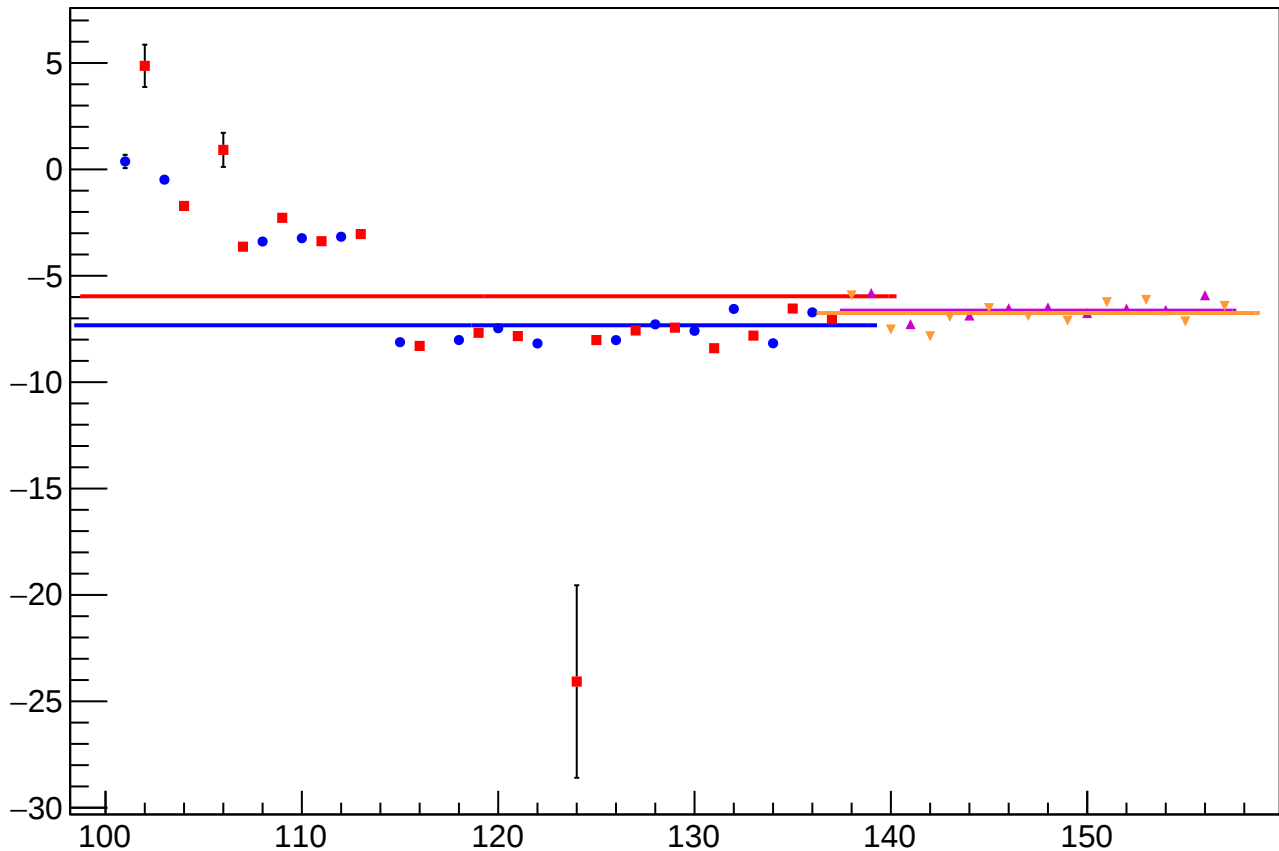
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.430 ± 0.002 χ^2/NDF : 5639.7/23

Out: 0.377 ± 0.003 χ^2/NDF : 6924.1/28

All: 0.408 ± 0.002 χ^2/NDF : 12773.4/52

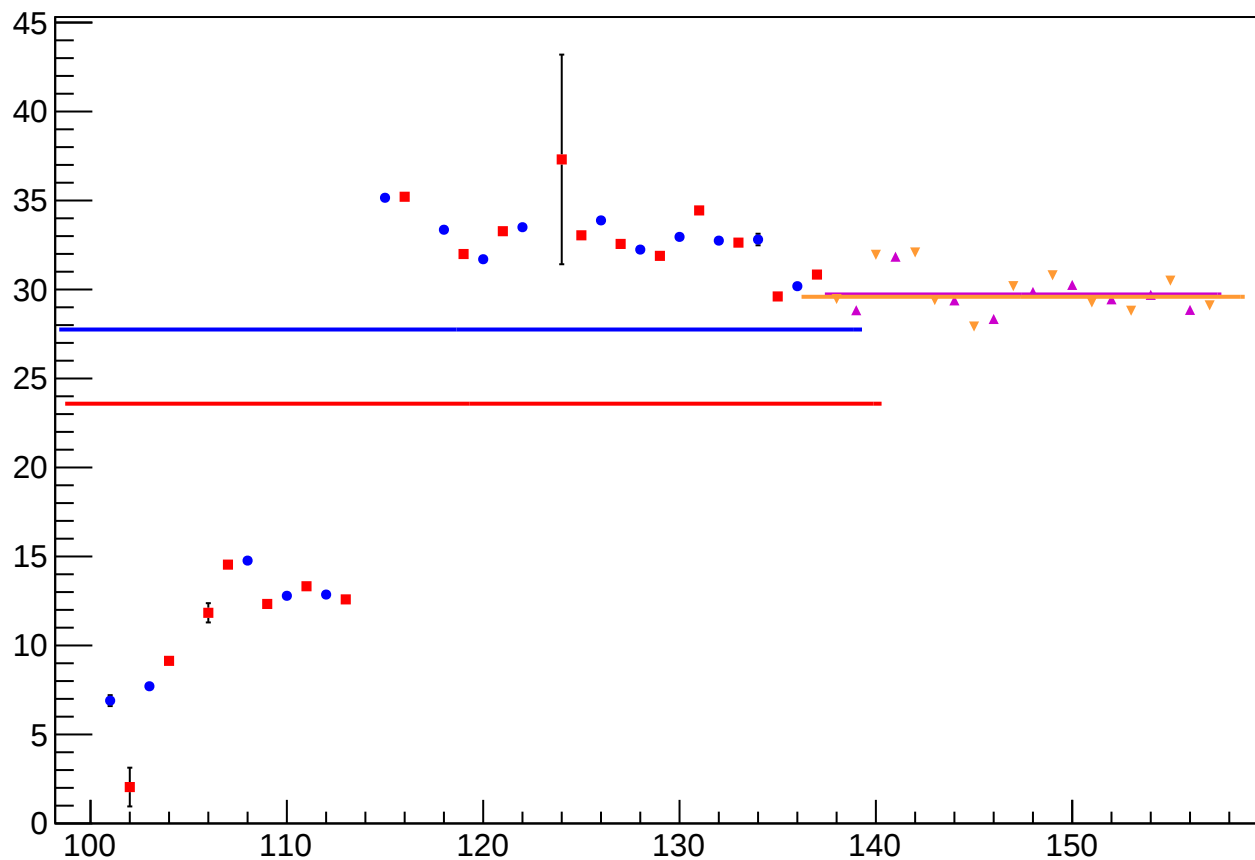
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14
 Left Out: -6.751+/-0.009 χ^2/NDF :2354.5/10
 Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17
 Left In: -6.639+/-0.007 χ^2/NDF :3167.8/8

Left: -6.682+/-0.006 χ^2/NDF : 5620.6/19
 Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32
 In: -6.925+/-0.005 χ^2/NDF :37597.1/23
 Out: -6.353+/-0.006 χ^2/NDF :78142.0/28
 All: -6.680+/-0.004 χ^2/NDF : 120539.0/52

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.591 $\pm$ 0.015 χ^2/NDF : 7045.9/10

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.722 $\pm$ 0.013 χ^2/NDF : 2319.5/8

Left: 29.666 $\pm$ 0.010 χ^2/NDF : 9408.1/19

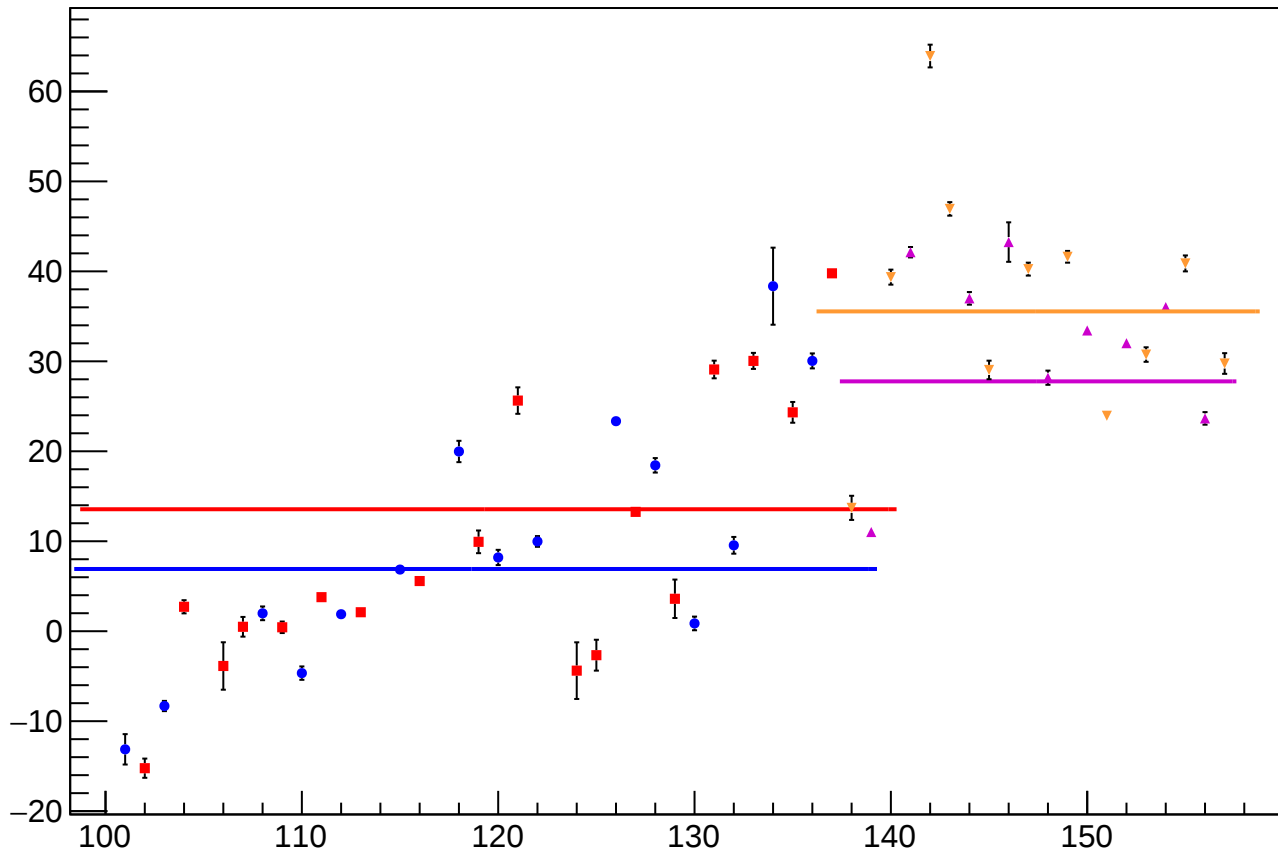
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.876 $\pm$ 0.010 χ^2/NDF : 345037.1/23

Out: 26.301 $\pm$ 0.010 χ^2/NDF : 633408.9/28

All: 27.627 $\pm$ 0.007 χ^2/NDF : 1011597.1/52

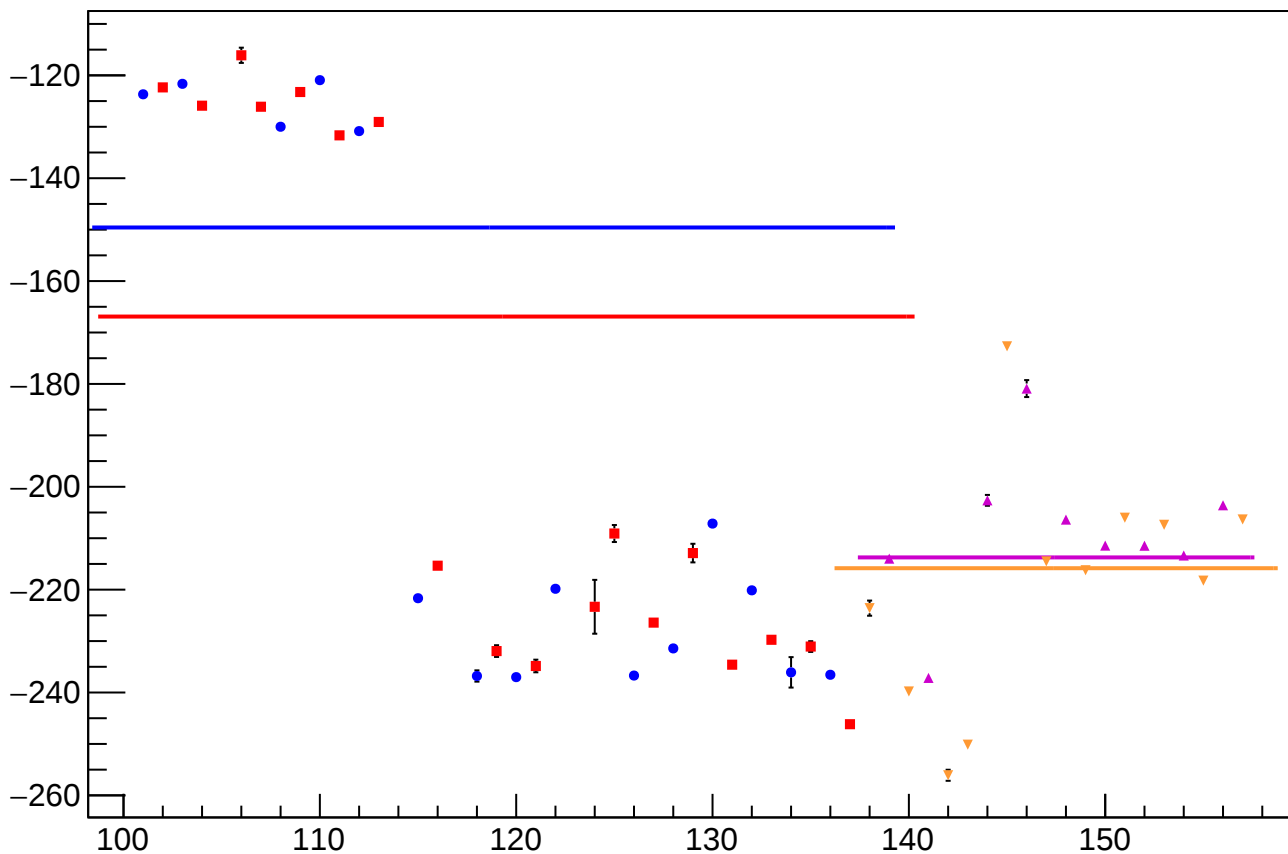
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2/NDF : 3503.2/14
 Left Out: 35.548 $\pm$ 0.243 χ^2/NDF :1789.0/10
 Right Out: 13.557 $\pm$ 0.145 χ^2/NDF : 11657.2/17
 Left In: 27.770 $\pm$ 0.168 χ^2/NDF :4249.5/8

Left: 30.277 $\pm$ 0.138 χ^2/NDF : 6731.3/19
 Right: 10.880 $\pm$ 0.112 χ^2/NDF : 16004.9/32
 In: 17.875 $\pm$ 0.122 χ^2/NDF :15085.1/23
 Out: 19.326 $\pm$ 0.125 χ^2/NDF :19475.2/28
 All: 18.583 $\pm$ 0.087 χ^2/NDF : 34629.7/52

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -215.831 ± 0.197 χ^2/NDF : 10005.6/10

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -213.732 ± 0.140 χ^2/NDF : 3705.5/8

Left: -214.437 ± 0.114 χ^2/NDF : 13786.8/19

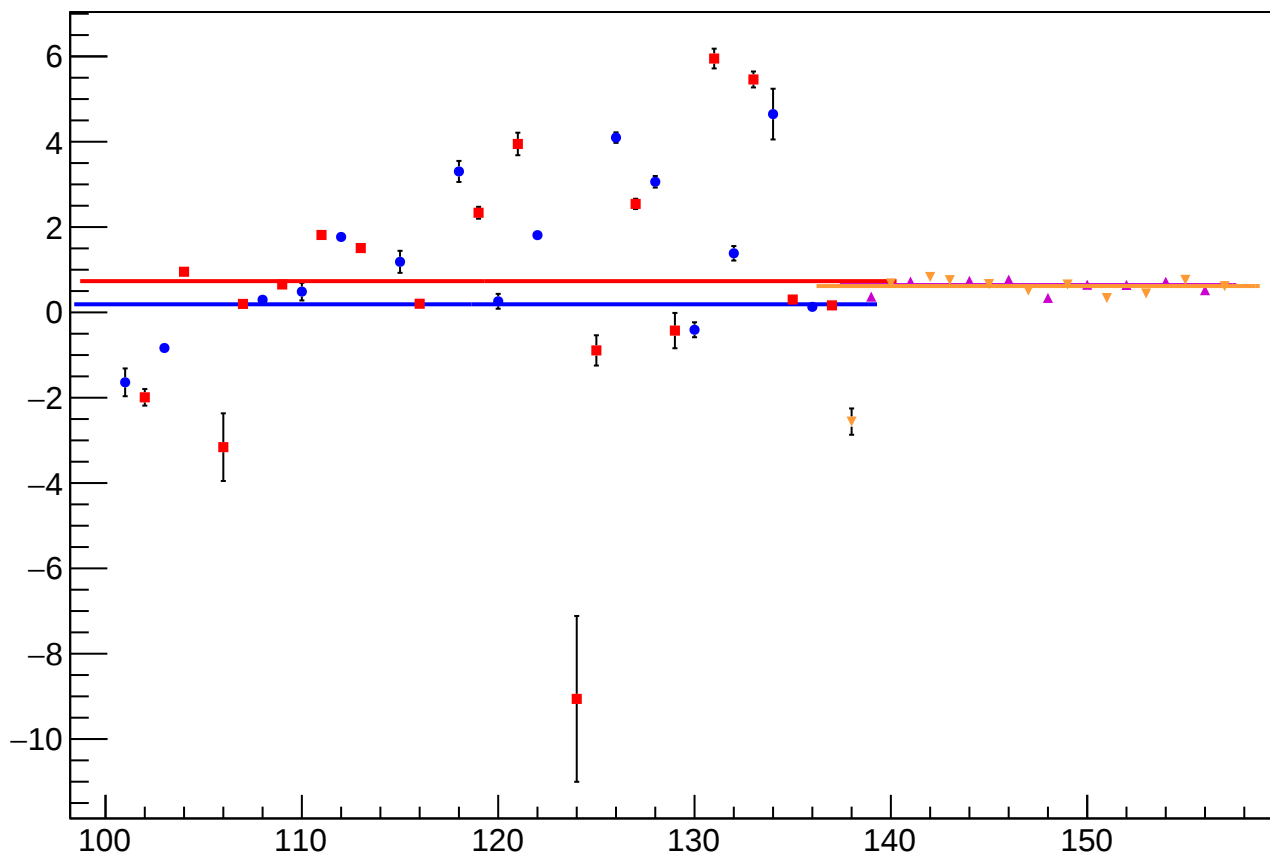
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -171.553 ± 0.082 χ^2/NDF : 337331.6/23

Out: -177.054 ± 0.090 χ^2/NDF : 354606.3/28

All: -174.055 ± 0.060 χ^2/NDF : 693995.2/52

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.617 ± 0.004 χ^2/NDF : 1354.7/10

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.640 ± 0.003 χ^2/NDF : 1133.9/8

Left: 0.631 ± 0.003 χ^2/NDF : 2507.2/19

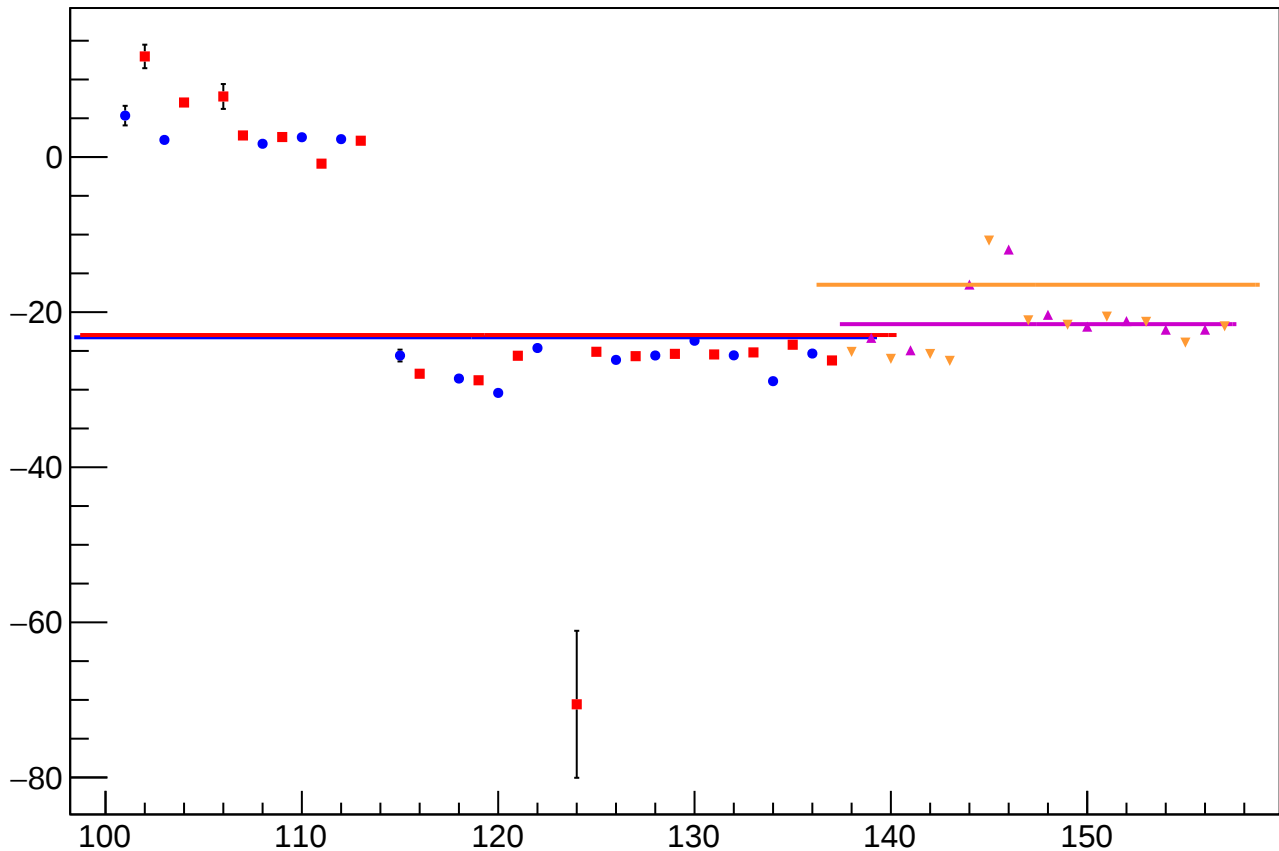
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.580 ± 0.003 χ^2/NDF : 6230.5/23

Out: 0.622 ± 0.004 χ^2/NDF : 4054.4/28

All: 0.596 ± 0.002 χ^2/NDF : 10353.4/52

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -16.466+/-0.019 χ^2/NDF :109228.3/10

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -21.548+/-0.022 χ^2/NDF :8332.1/8

Left: -18.640+/-0.014 χ^2/NDF : 148399.7/19

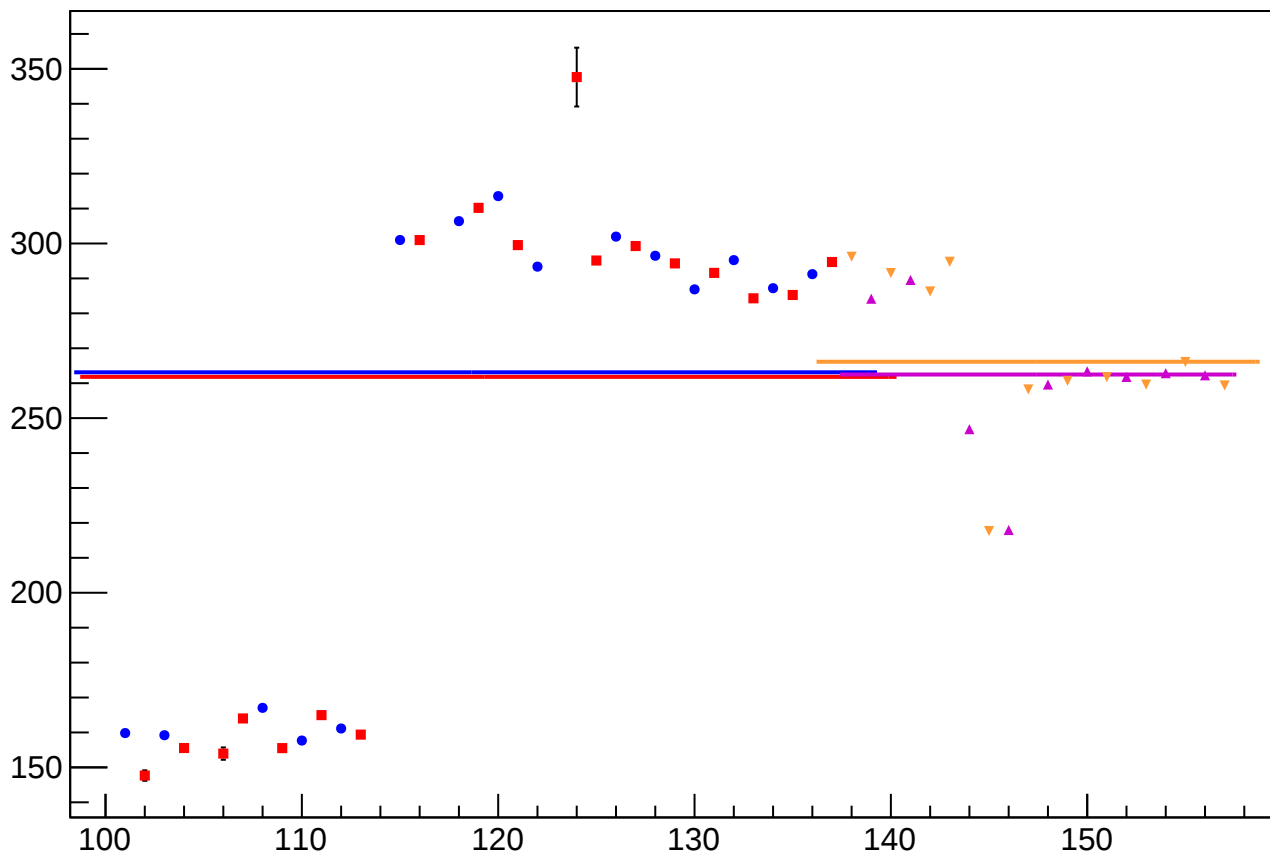
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -22.290+/-0.016 χ^2/NDF :114059.5/23

Out: -18.866+/-0.015 χ^2/NDF :260717.2/28

All: -20.428+/-0.011 χ^2/NDF : 398485.7/52

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 266.144 $\pm$ 0.046 χ^2 /NDF:186628.7/10

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 262.486 $\pm$ 0.039 χ^2 /NDF:34959.9/8

Left: 264.002 $\pm$ 0.030 χ^2 /NDF: 225243.8/19

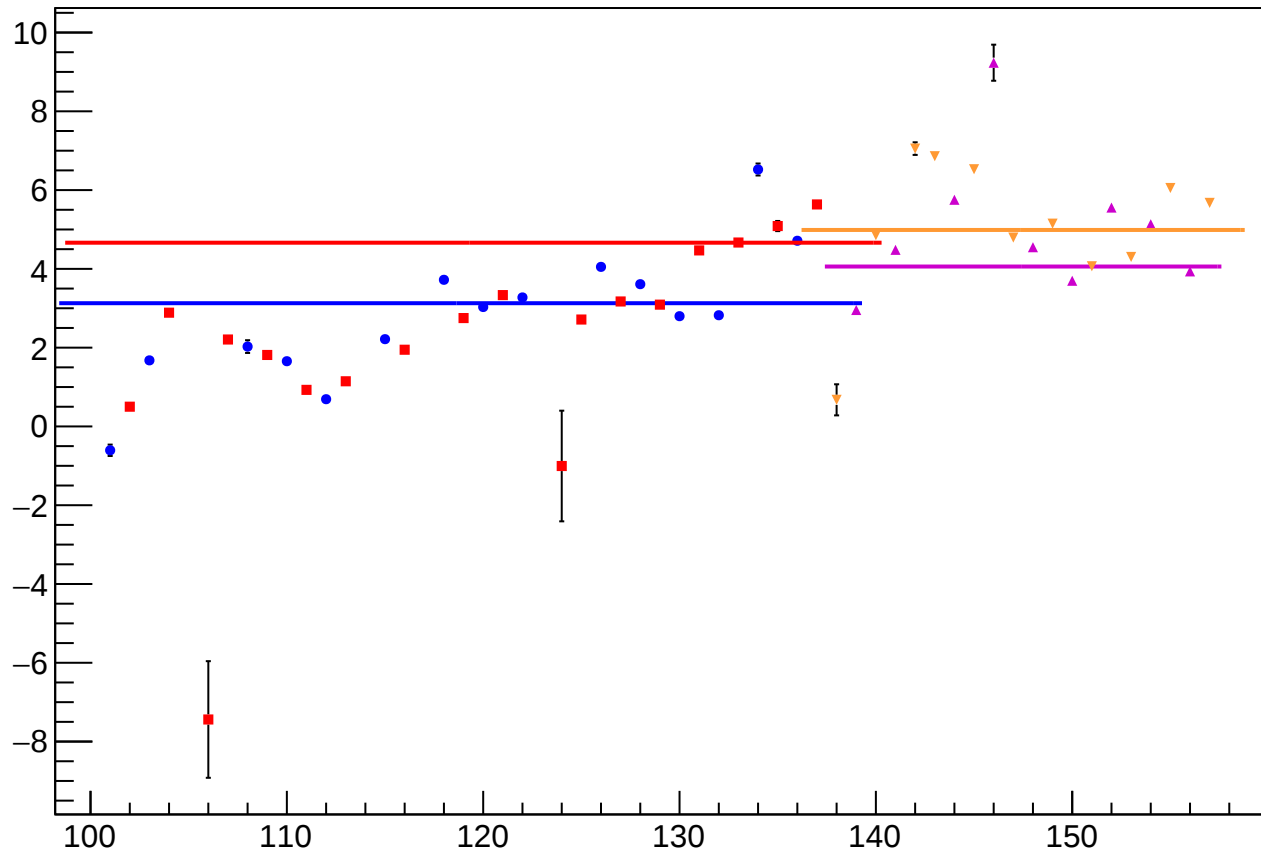
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.639 $\pm$ 0.034 χ^2 /NDF:727909.2/23

Out: 264.543 $\pm$ 0.037 χ^2 /NDF:1196052.6/28

All: 263.515 $\pm$ 0.025 χ^2 /NDF: 1925410.8/52

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.988 $\pm$ 0.018 χ^2 /NDF: 1698.2/10

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.060 $\pm$ 0.018 χ^2 /NDF: 2322.0/8

Left: 4.533 $\pm$ 0.013 χ^2 /NDF: 5314.9/19

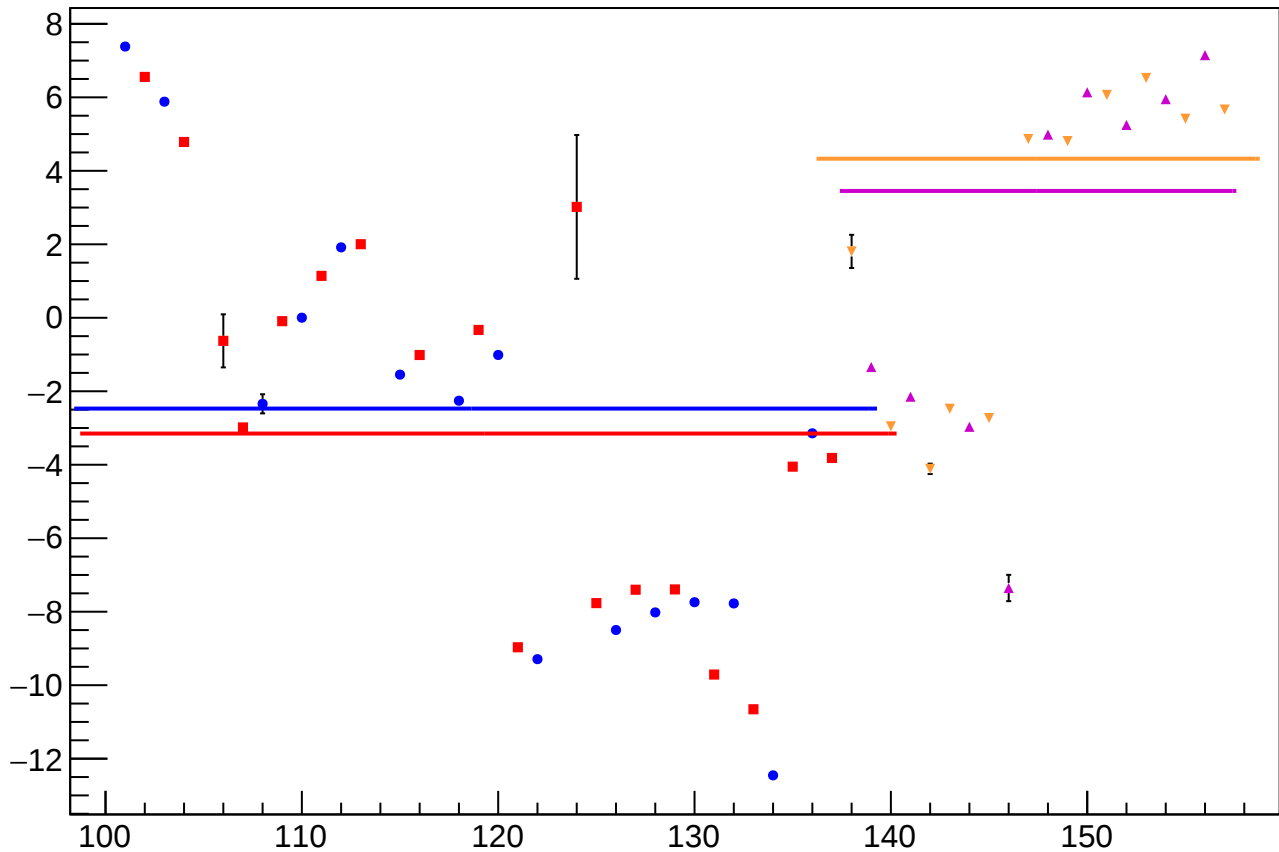
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.522 $\pm$ 0.012 χ^2 /NDF: 9465.5/23

Out: 4.700 $\pm$ 0.006 χ^2 /NDF: 68846.1/28

All: 4.464 $\pm$ 0.005 χ^2 /NDF: 86053.8/52

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.330 ± 0.015 $\chi^2/\text{NDF}: 35566.0/10$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.452 ± 0.016 $\chi^2/\text{NDF}: 54750.2/8$

Left: 3.930 ± 0.011 $\chi^2/\text{NDF}: 91931.3/19$

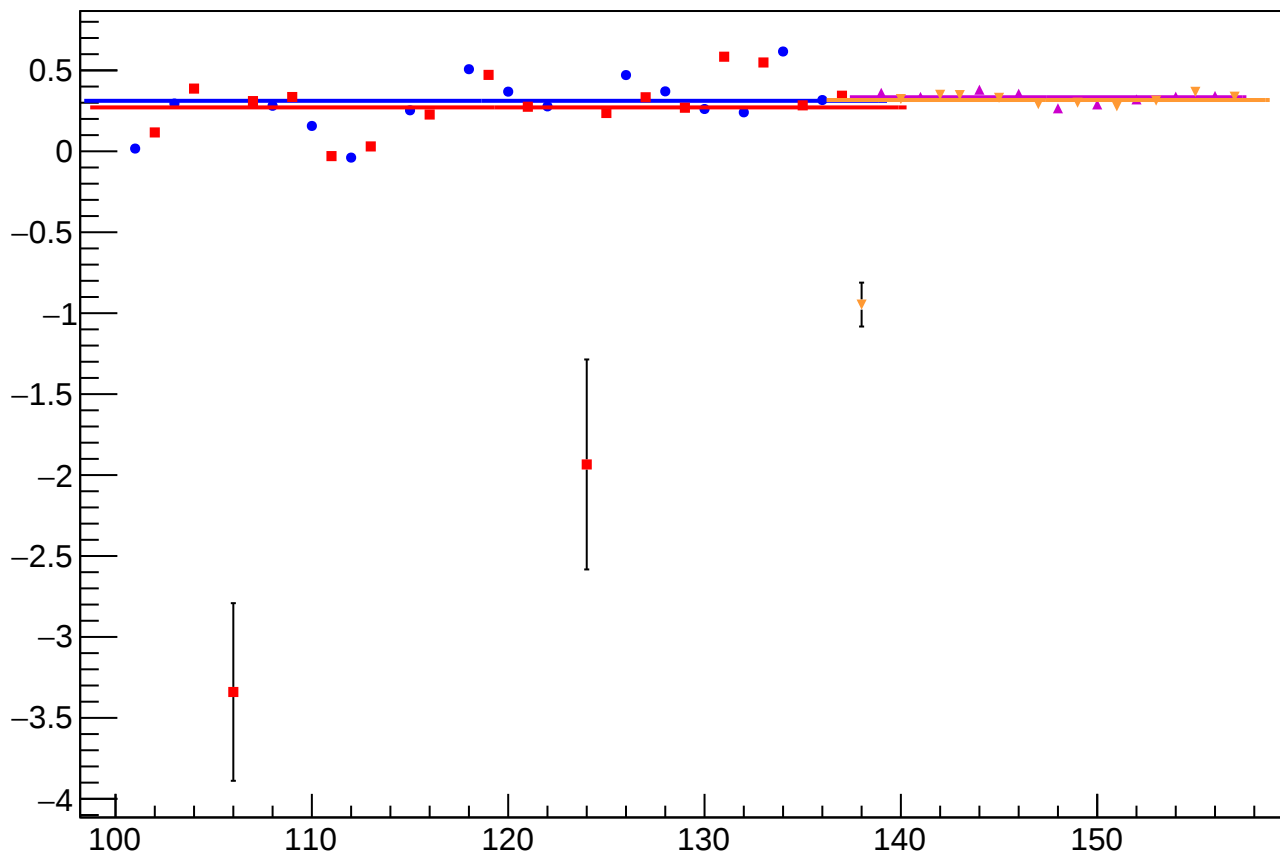
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.100 ± 0.011 $\chi^2/\text{NDF}: 373881.2/23$

Out: -1.635 ± 0.007 $\chi^2/\text{NDF}: 488211.4/28$

All: -1.147 ± 0.006 $\chi^2/\text{NDF}: 881321.6/52$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.317 $\pm$ 0.001 χ^2 /NDF:1131.1/10

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.334 $\pm$ 0.001 χ^2 /NDF:1938.9/8

Left: 0.325 $\pm$ 0.001 χ^2 /NDF: 3286.2/19

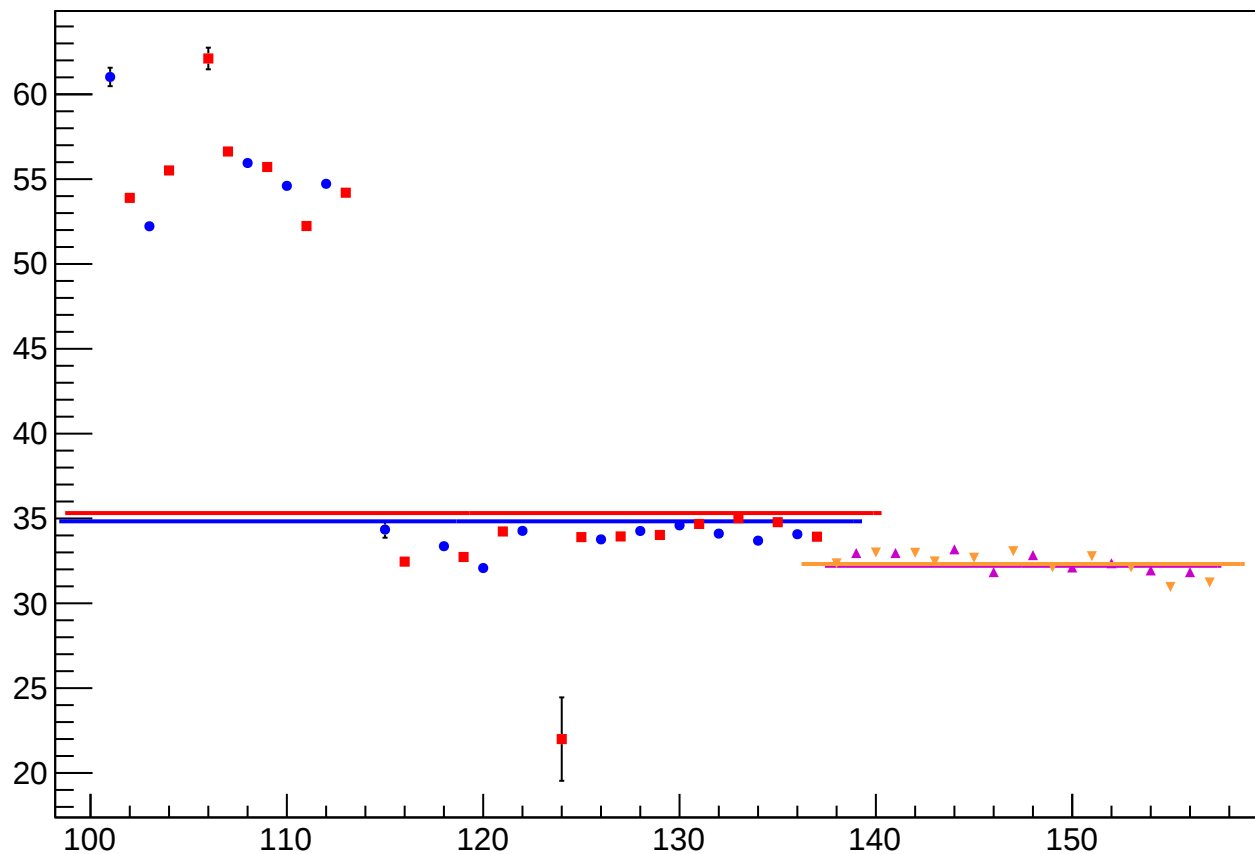
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:3468.5/23

Out: 0.311 $\pm$ 0.001 χ^2 /NDF:7682.9/28

All: 0.320 $\pm$ 0.001 χ^2 /NDF: 11411.5/52

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.316 $\pm$ 0.006 χ^2 /NDF: 3209.3/10

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.210 $\pm$ 0.006 χ^2 /NDF: 4560.5/8

Left: 32.259 $\pm$ 0.004 χ^2 /NDF: 7919.6/19

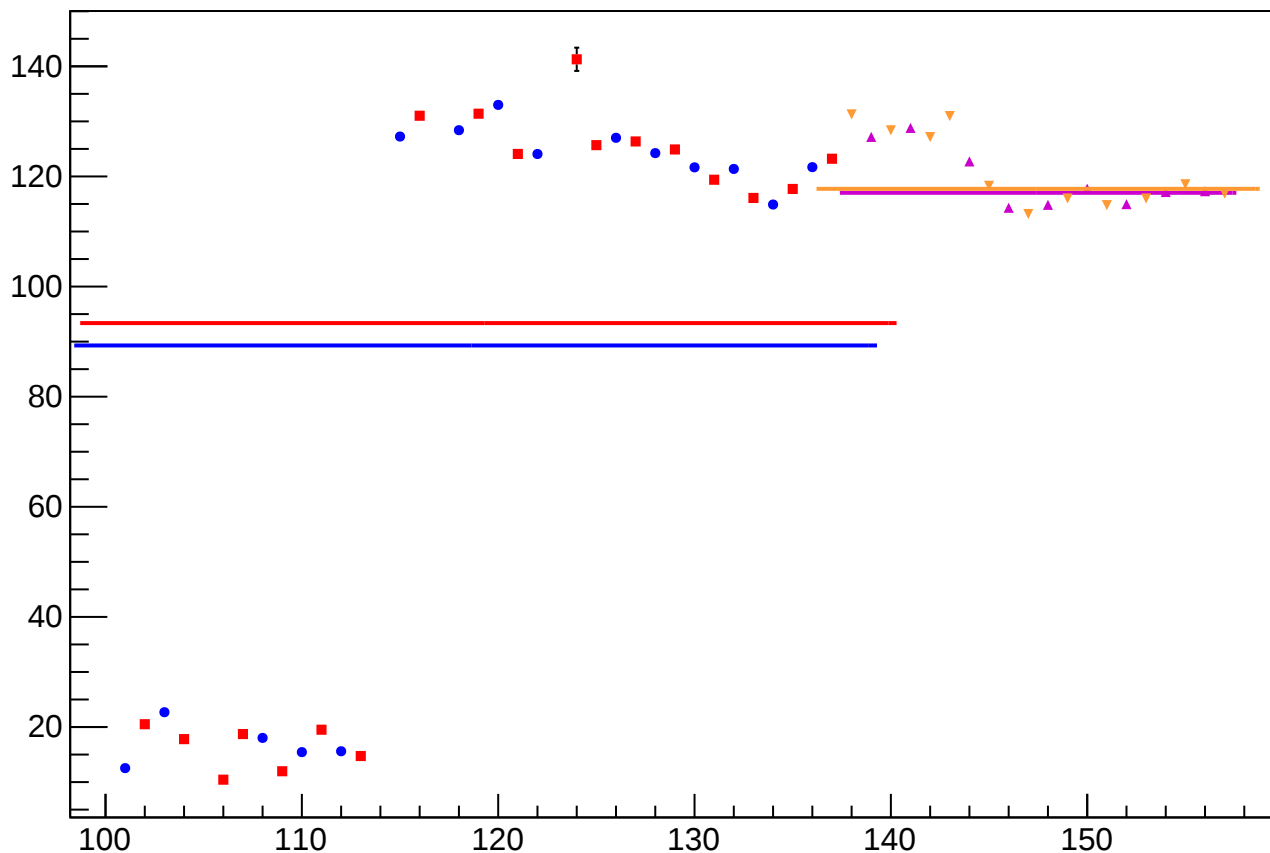
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 33.040 $\pm$ 0.005 χ^2 /NDF: 313309.9/23

Out: 33.185 $\pm$ 0.005 χ^2 /NDF: 329388.6/28

All: 33.106 $\pm$ 0.004 χ^2 /NDF: 643098.9/52

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.751 $\pm$ 0.014 χ^2 /NDF: 110804.7/10

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 117.029 $\pm$ 0.011 χ^2 /NDF: 38832.6/8

Left: 117.290 $\pm$ 0.008 χ^2 /NDF: 151326.7/19

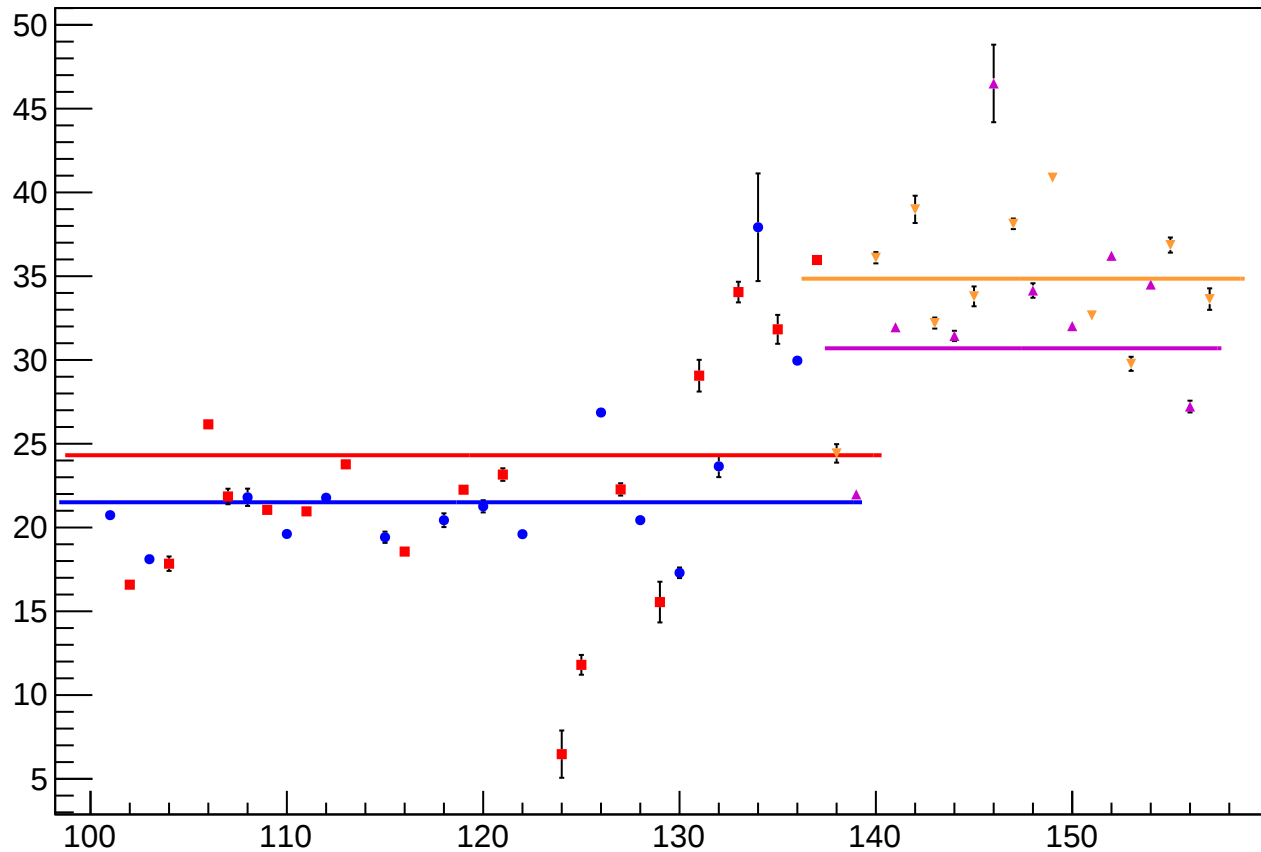
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 113.441 $\pm$ 0.010 χ^2 /NDF: 3962335.4/23

Out: 113.355 $\pm$ 0.013 χ^2 /NDF: 3506943.9/28

All: 113.408 $\pm$ 0.008 χ^2 /NDF: 7469307.8/52

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 34.853 $\pm$ 0.115 χ^2/NDF :1229.9/10

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 30.697 $\pm$ 0.090 χ^2/NDF :2731.8/8

Left: 32.272 $\pm$ 0.071 χ^2/NDF : 4775.3/19

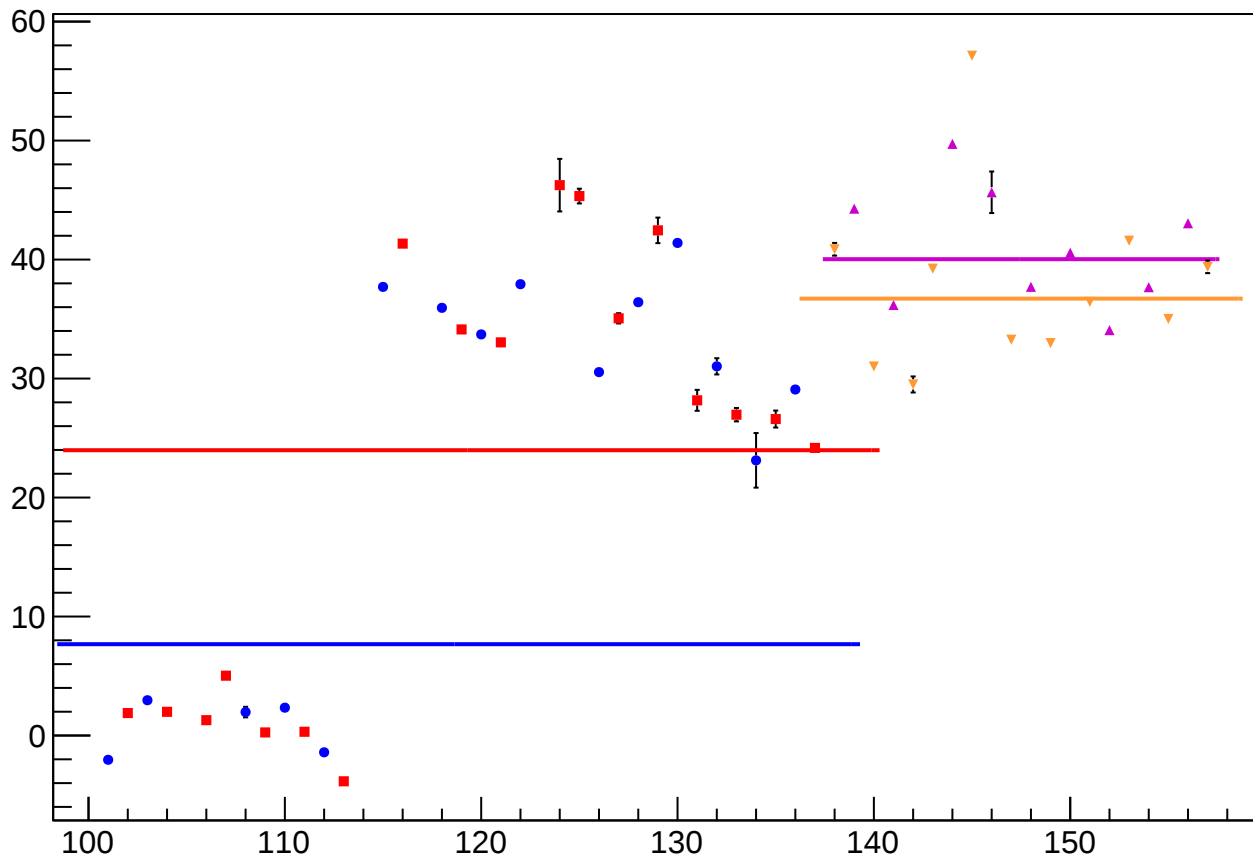
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 25.127 $\pm$ 0.056 χ^2/NDF :12055.4/23

Out: 26.484 $\pm$ 0.052 χ^2/NDF :22215.6/28

All: 25.858 $\pm$ 0.038 χ^2/NDF : 34583.9/52

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF : 96442.5/14

Left Out: 36.718+/-0.094 χ^2/NDF : 3715.5/10

Right Out: 23.977+/-0.008 χ^2/NDF : 110564.0/17

Left In: 40.033+/-0.074 χ^2/NDF : 2589.5/8

Left: 38.756+/-0.058 χ^2/NDF : 7074.3/19

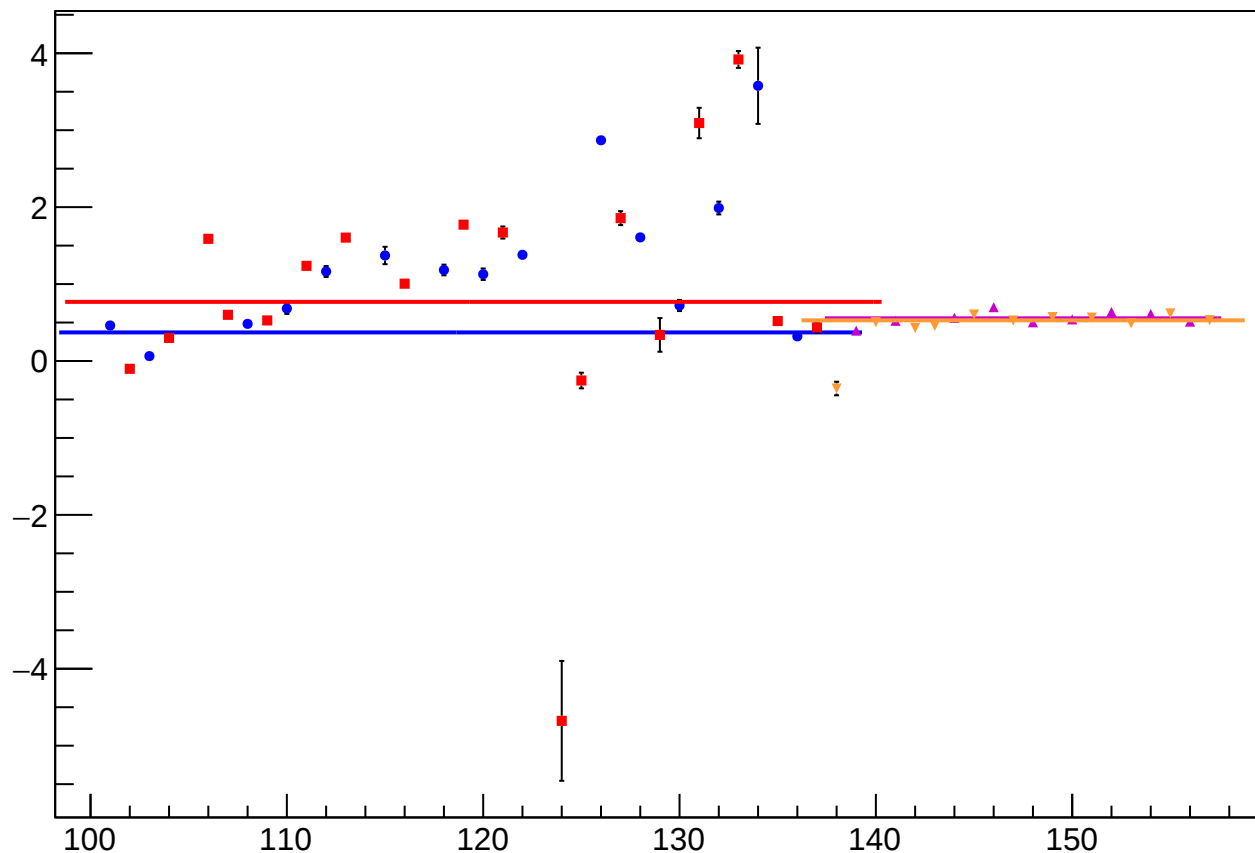
Right: 23.461+/-0.008 χ^2/NDF : 332774.6/32

In: 16.442+/-0.039 χ^2/NDF : 237672.0/23

Out: 24.074+/-0.008 χ^2/NDF : 132623.4/28

All: 23.748+/-0.008 χ^2/NDF : 407671.4/52

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.529 $\pm$ 0.002 χ^2 /NDF:999.7/10

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.555 $\pm$ 0.002 χ^2 /NDF:2035.0/8

Left: 0.543 $\pm$ 0.001 χ^2 /NDF: 3157.6/19

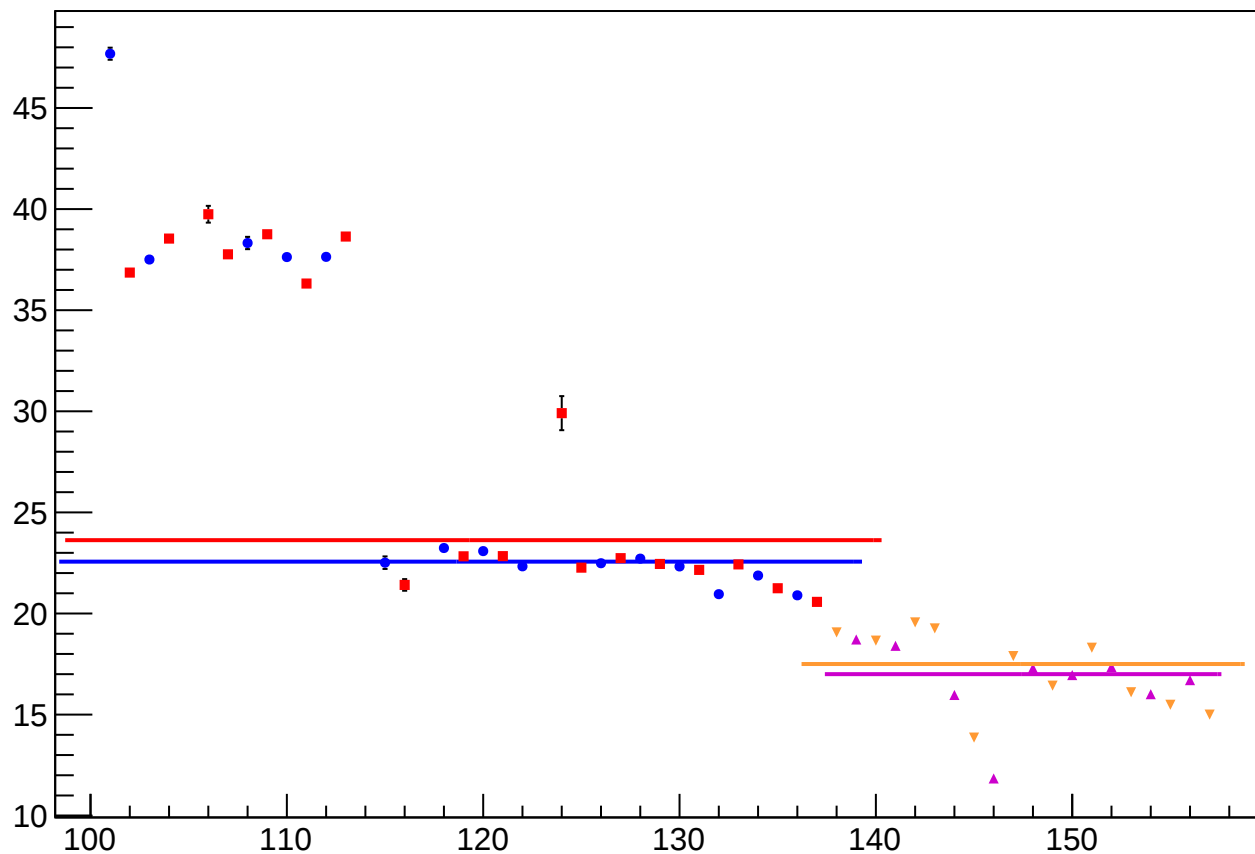
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.533 $\pm$ 0.002 χ^2 /NDF:8337.1/23

Out: 0.543 $\pm$ 0.002 χ^2 /NDF:6266.8/28

All: 0.537 $\pm$ 0.001 χ^2 /NDF: 14622.9/52

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.502 $\pm$ 0.009 χ^2 /NDF: 42186.3/10

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 17.001 $\pm$ 0.010 χ^2 /NDF: 12375.8/8

Left: 17.269 $\pm$ 0.007 χ^2 /NDF: 55899.4/19

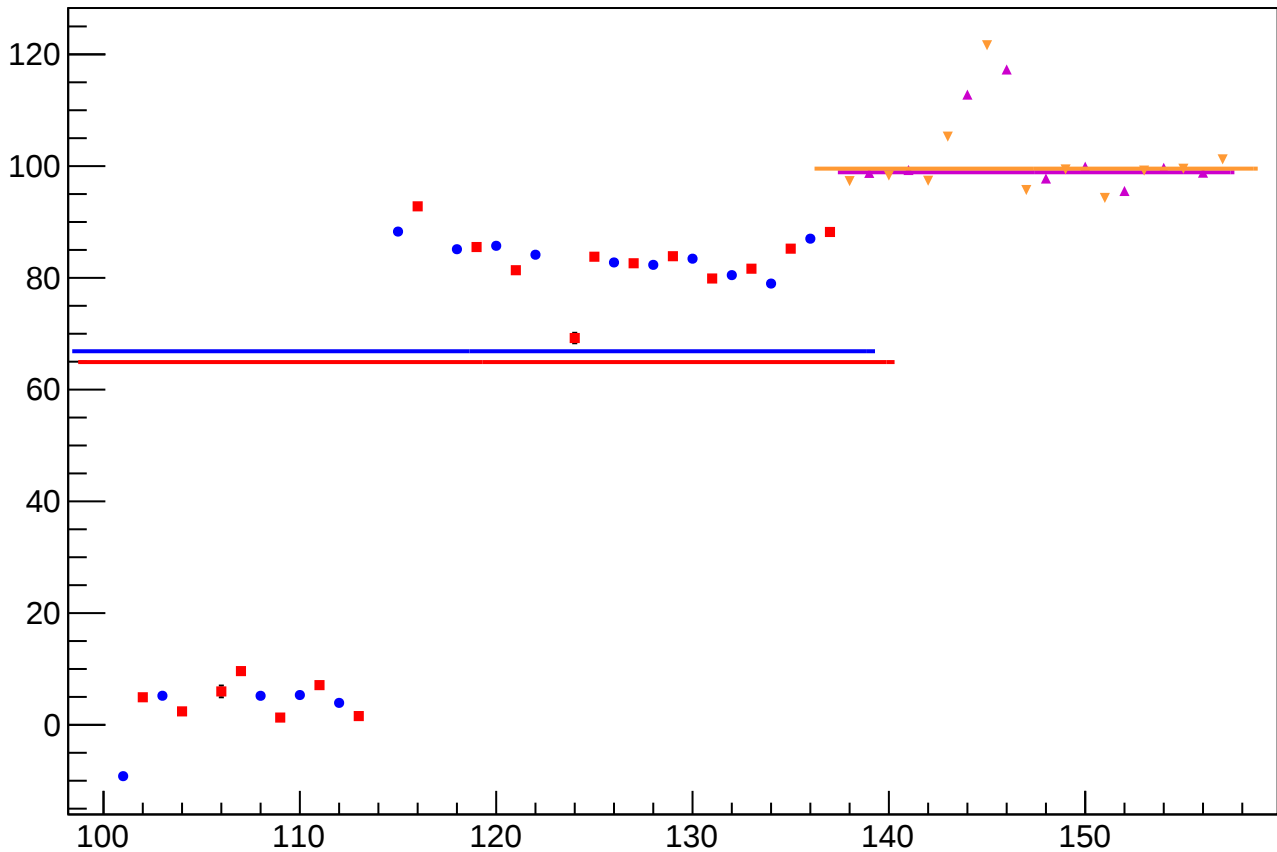
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.742 $\pm$ 0.007 χ^2 /NDF: 257000.4/23

Out: 20.007 $\pm$ 0.007 χ^2 /NDF: 341436.7/28

All: 19.874 $\pm$ 0.005 χ^2 /NDF: 599125.8/52

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.551 $\pm$ 0.016 χ^2 /NDF: 68550.0/10

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.898 $\pm$ 0.015 χ^2 /NDF: 14728.9/8

Left: 99.207 $\pm$ 0.011 χ^2 /NDF: 84181.9/19

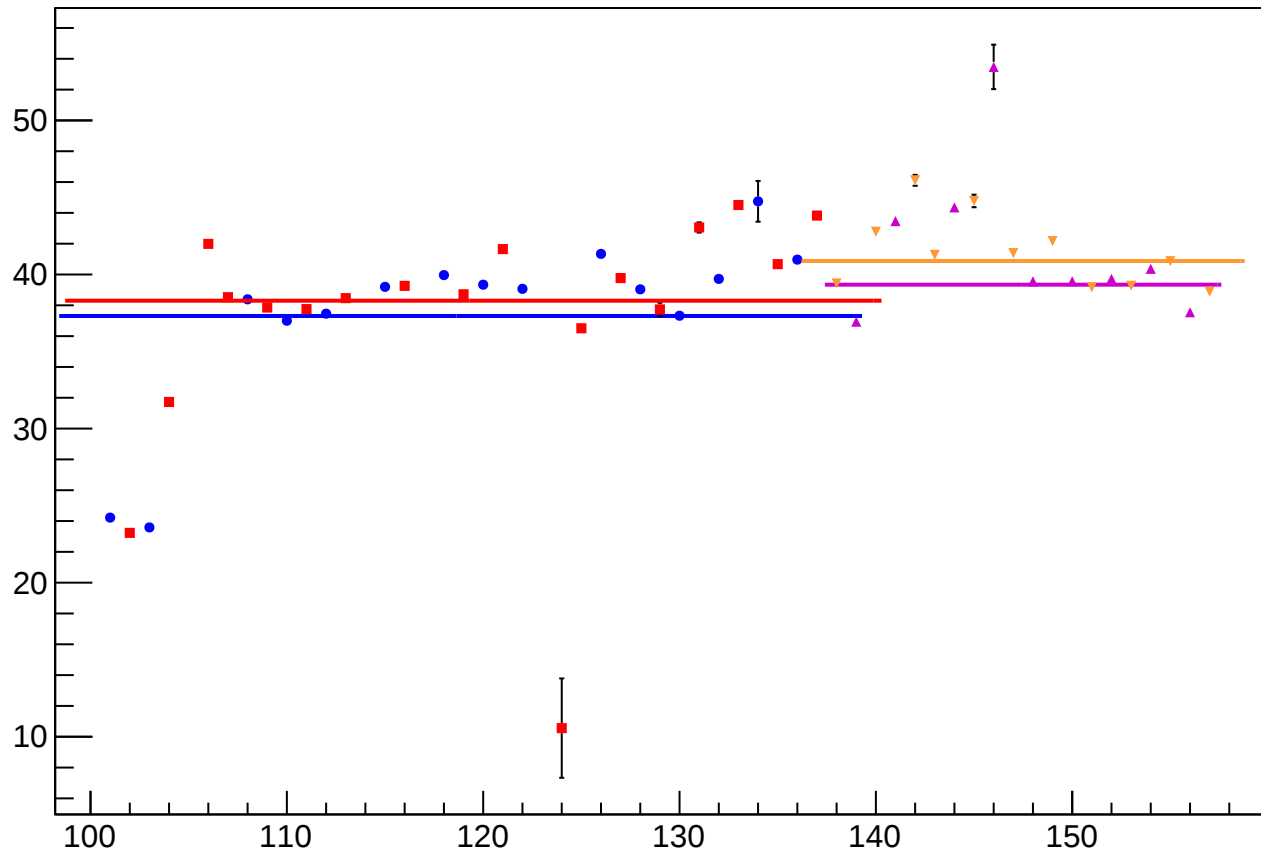
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 91.417 $\pm$ 0.013 χ^2 /NDF: 2582910.4/23

Out: 91.932 $\pm$ 0.014 χ^2 /NDF: 2461032.7/28

All: 91.658 $\pm$ 0.010 χ^2 /NDF: 5044667.7/52

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 40.876 ± 0.046 $\chi^2/\text{NDF}: 1089.8/10$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.341 ± 0.033 $\chi^2/\text{NDF}: 3486.4/8$

Left: 39.868 ± 0.027 $\chi^2/\text{NDF}: 5307.2/19$

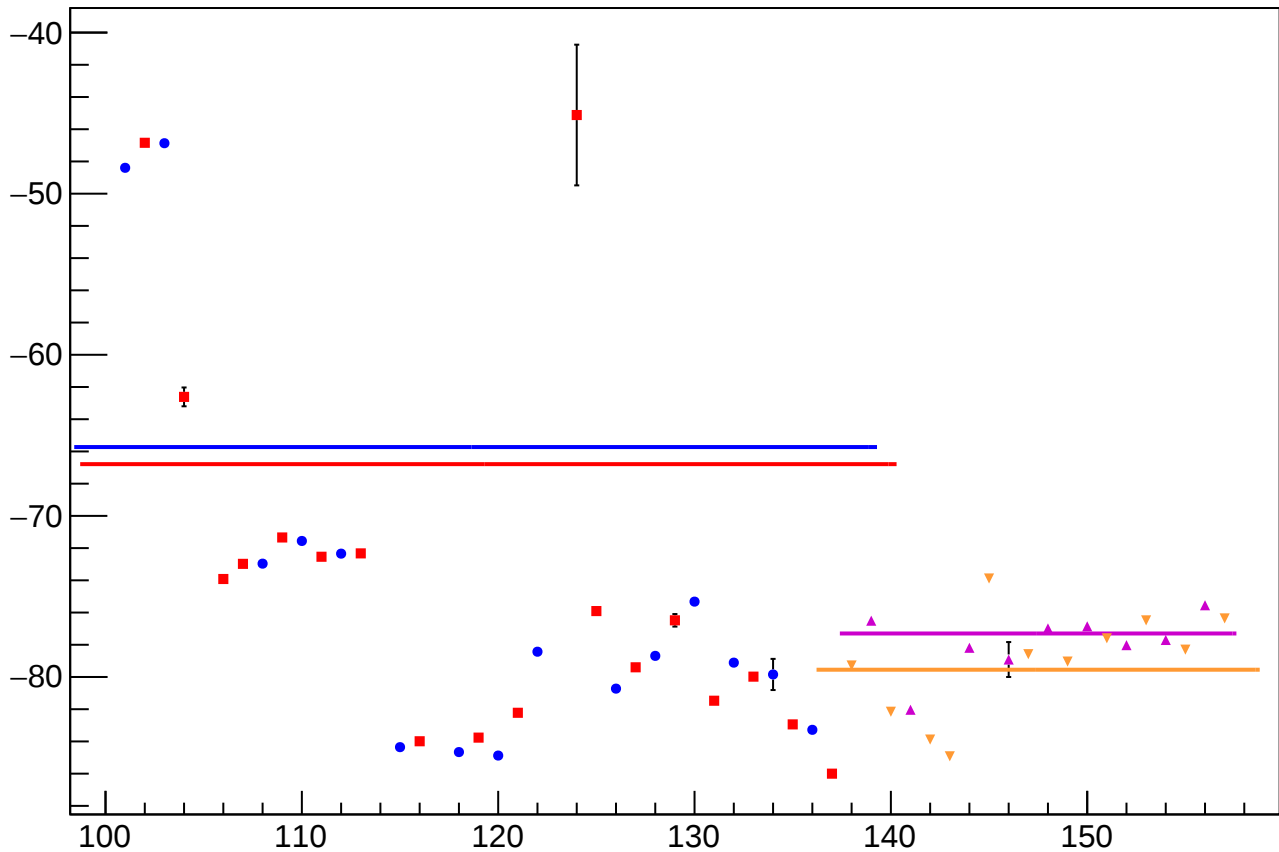
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.968 ± 0.019 $\chi^2/\text{NDF}: 65584.9/23$

Out: 38.727 ± 0.019 $\chi^2/\text{NDF}: 22543.7/28$

All: 38.352 ± 0.013 $\chi^2/\text{NDF}: 88938.7/52$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -79.549 ± 0.039 $\chi^2/\text{NDF}: 5824.0/10$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.299 ± 0.026 $\chi^2/\text{NDF}: 2686.2/8$

Left: -78.015 ± 0.022 $\chi^2/\text{NDF}: 10817.1/19$

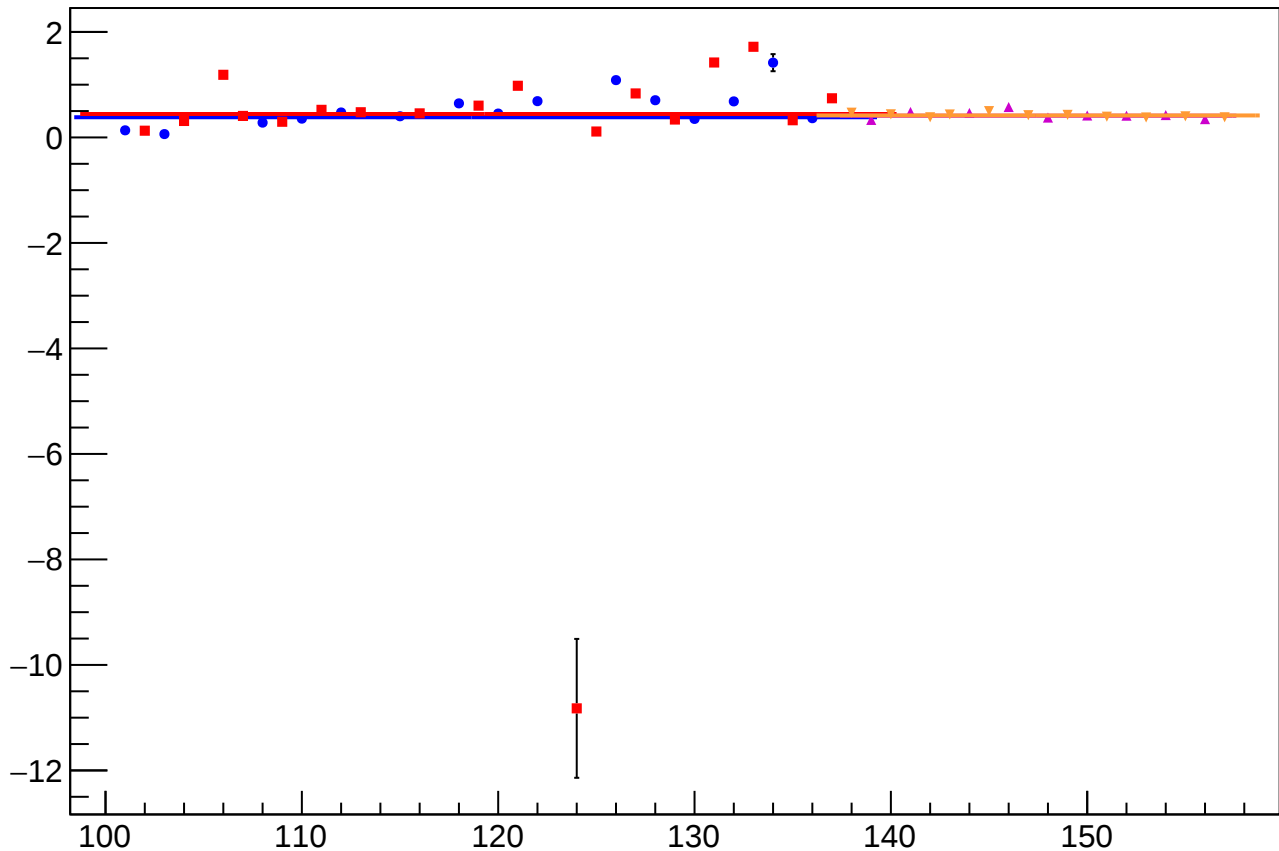
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.076 ± 0.014 $\chi^2/\text{NDF}: 1042207.4/23$

Out: -68.615 ± 0.015 $\chi^2/\text{NDF}: 908460.2/28$

All: -68.852 ± 0.010 $\chi^2/\text{NDF}: 1951179.2/52$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.417 $\pm$ 0.001 χ^2 /NDF:633.5/10

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.411 $\pm$ 0.001 χ^2 /NDF:2620.5/8

Left: 0.414 $\pm$ 0.001 χ^2 /NDF: 3278.5/19

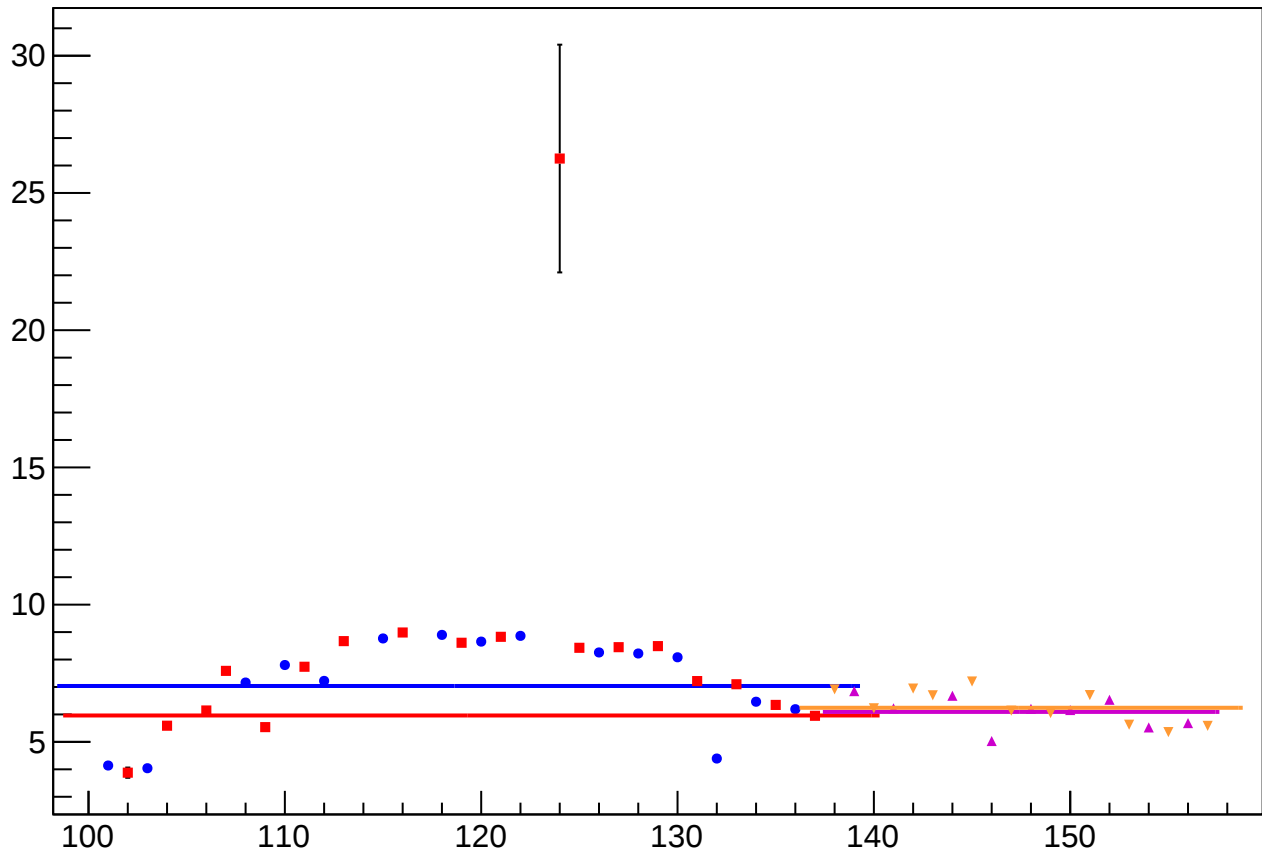
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.408 $\pm$ 0.001 χ^2 /NDF:11002.5/23

Out: 0.418 $\pm$ 0.001 χ^2 /NDF:3472.7/28

All: 0.412 $\pm$ 0.001 χ^2 /NDF: 14569.1/52

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.243 $\pm$ 0.003 χ^2 /NDF:24616.3/10

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.092 $\pm$ 0.002 χ^2 /NDF:27246.0/8

Left: 6.151 $\pm$ 0.002 χ^2 /NDF: 53686.5/19

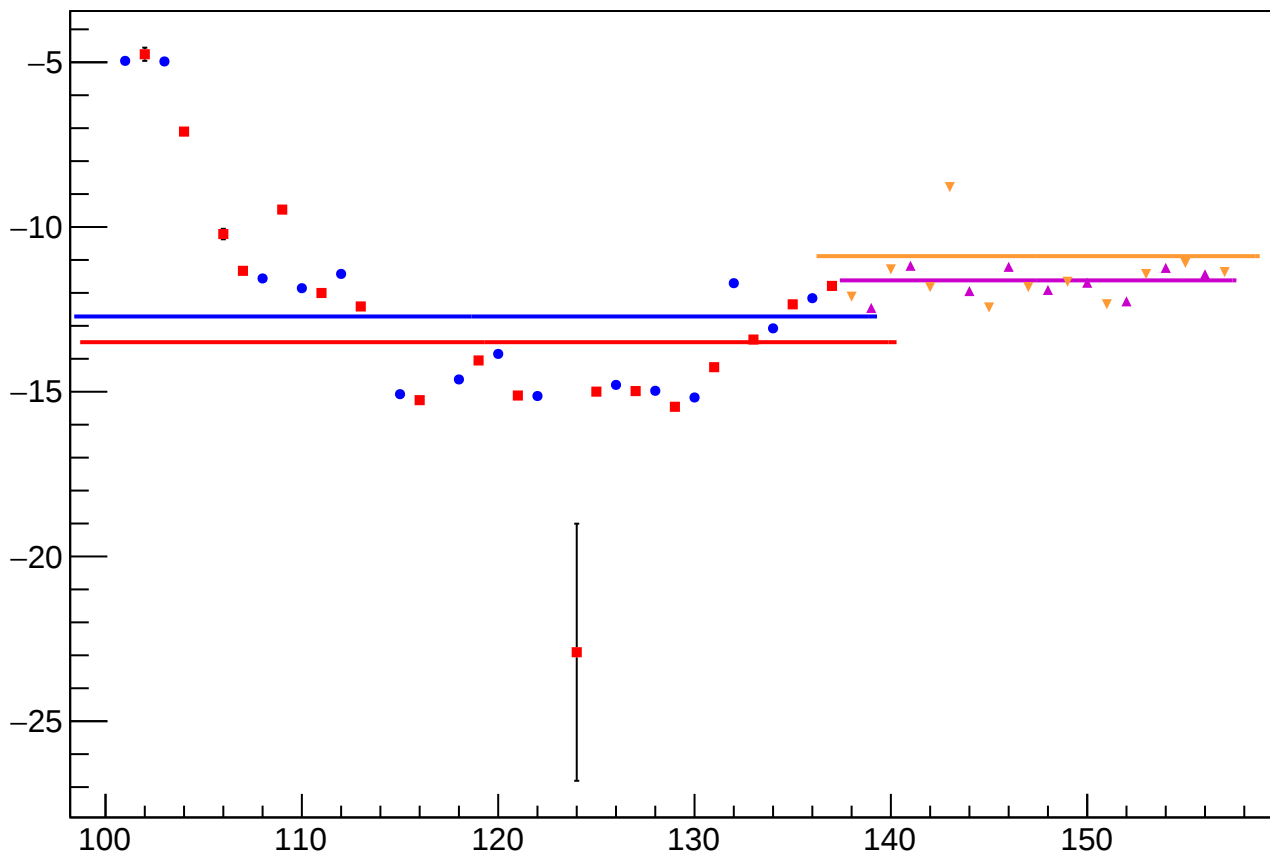
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.274 $\pm$ 0.002 χ^2 /NDF:132347.1/23

Out: 5.968 $\pm$ 0.000 χ^2 /NDF:203196.6/28

All: 5.980 $\pm$ 0.000 χ^2 /NDF: 358371.5/52

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -10.885 ± 0.003 $\chi^2/\text{NDF}: 163837.3/10$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.620 ± 0.003 $\chi^2/\text{NDF}: 9581.2/8$

Left: -11.270 ± 0.002 $\chi^2/\text{NDF}: 199635.8/19$

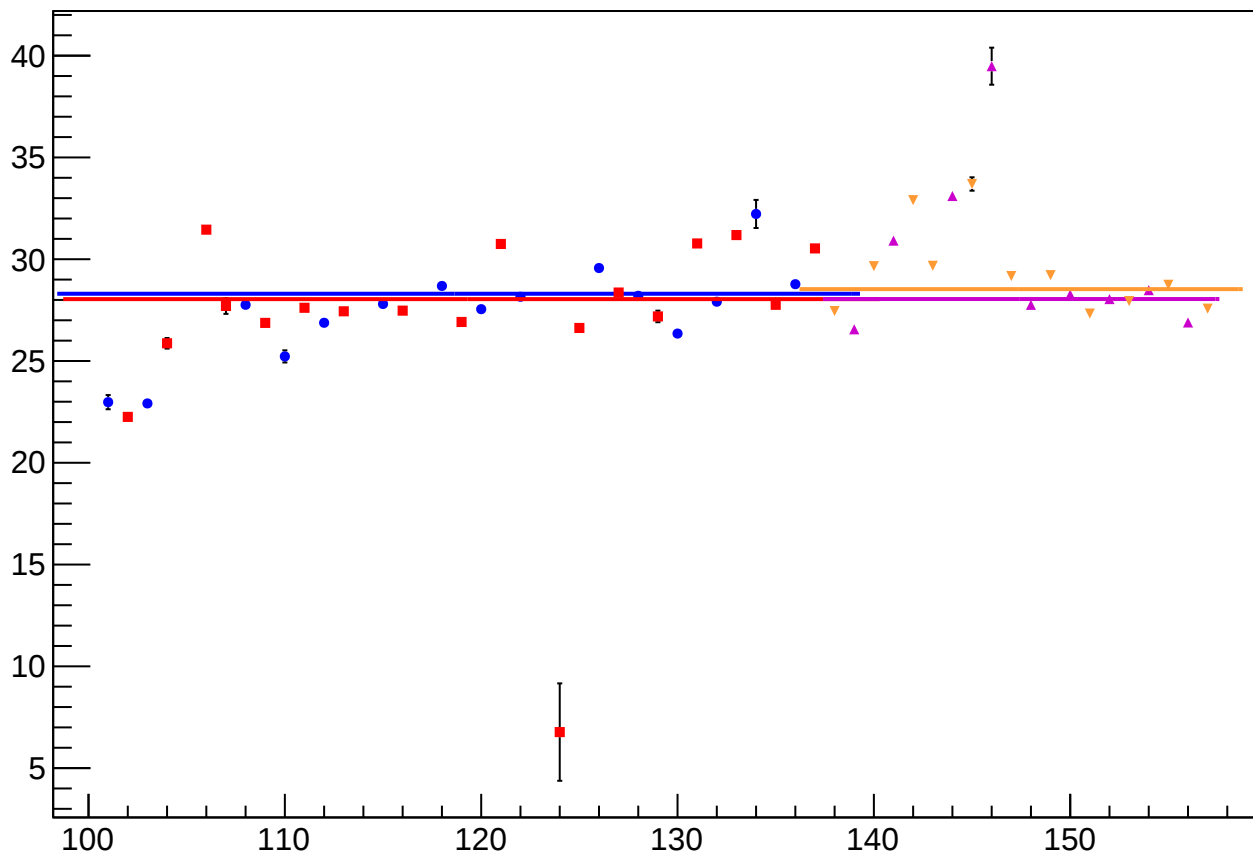
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.833 ± 0.003 $\chi^2/\text{NDF}: 118571.1/23$

Out: -11.518 ± 0.003 $\chi^2/\text{NDF}: 372562.5/28$

All: -11.678 ± 0.002 $\chi^2/\text{NDF}: 497303.0/52$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.531 ± 0.027 $\chi^2/\text{NDF}: 1977.1/10$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.044 ± 0.021 $\chi^2/\text{NDF}: 3278.1/8$

Left: 28.232 ± 0.017 $\chi^2/\text{NDF}: 5458.0/19$

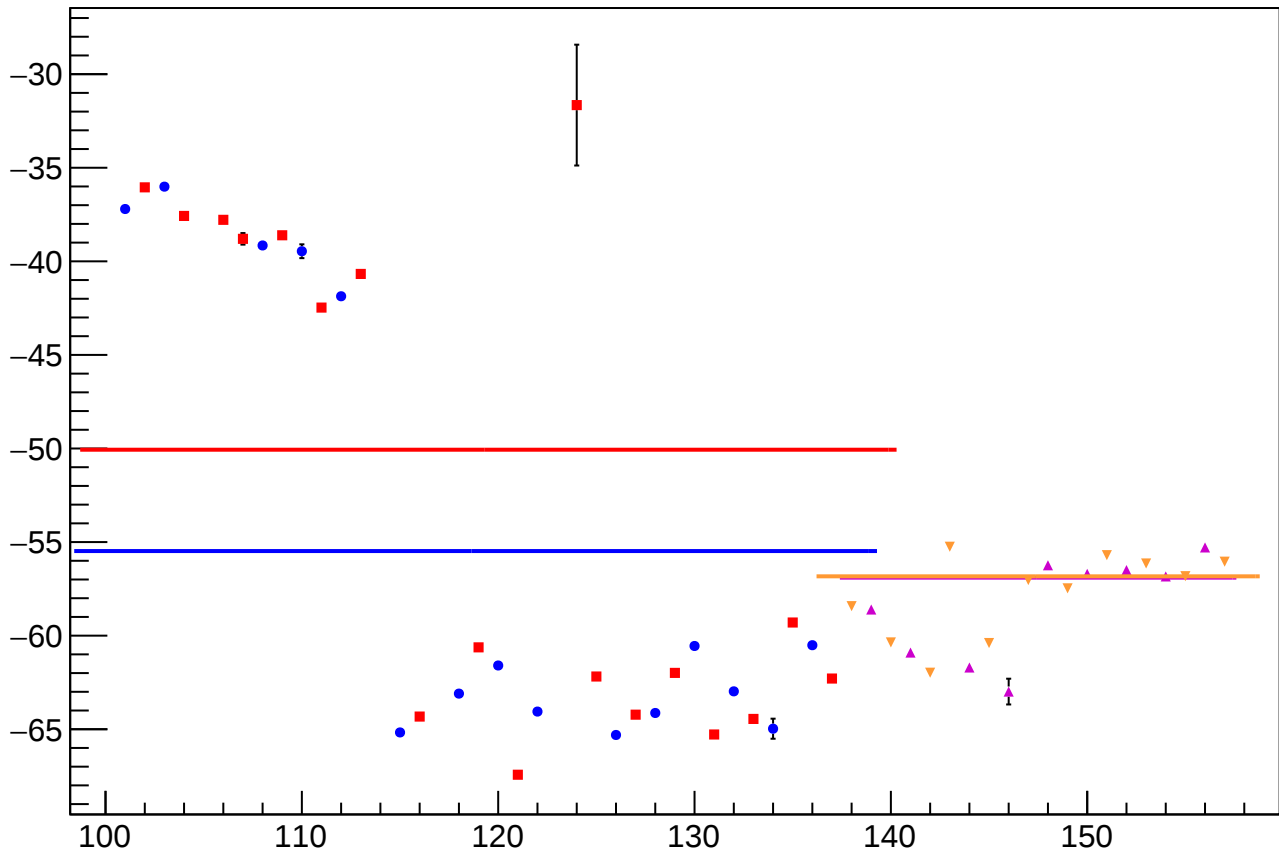
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.163 ± 0.016 $\chi^2/\text{NDF}: 6746.8/23$

Out: 28.315 ± 0.020 $\chi^2/\text{NDF}: 4686.0/28$

All: 28.221 ± 0.012 $\chi^2/\text{NDF}: 11468.6/52$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.830 ± 0.023 $\chi^2/\text{NDF}: 4337.8/10$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.901 ± 0.018 $\chi^2/\text{NDF}: 5733.0/8$

Left: -56.875 ± 0.014 $\chi^2/\text{NDF}: 10076.6/19$

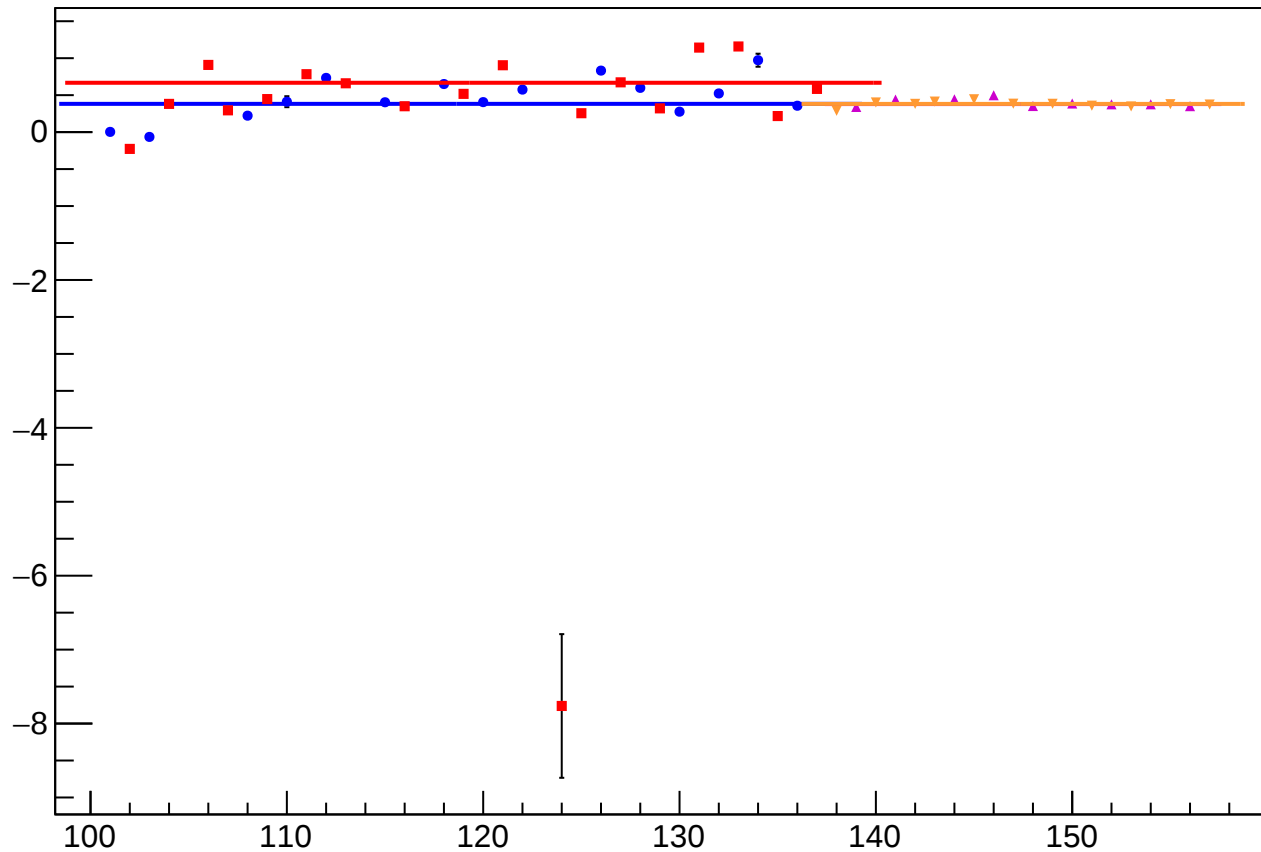
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.140 ± 0.012 $\chi^2/\text{NDF}: 604294.9/23$

Out: -53.399 ± 0.016 $\chi^2/\text{NDF}: 386611.5/28$

All: -55.178 ± 0.010 $\chi^2/\text{NDF}: 1008880.9/52$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.382 ± 0.001 $\chi^2/\text{NDF}: 1167.3/10$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.379 ± 0.000 $\chi^2/\text{NDF}: 2070.3/8$

Left: 0.380 ± 0.000 $\chi^2/\text{NDF}: 3245.6/19$

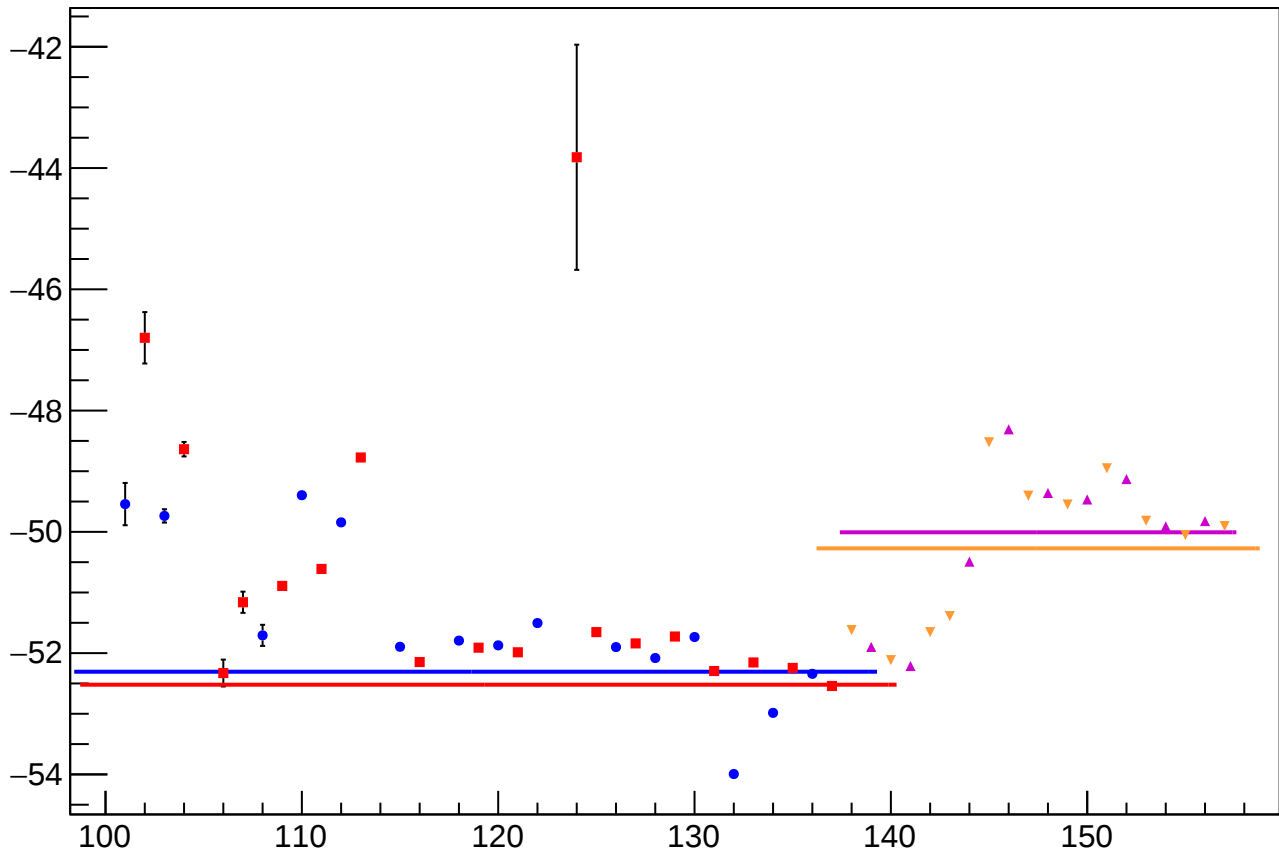
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.380 ± 0.000 $\chi^2/\text{NDF}: 6669.1/23$

Out: 0.386 ± 0.001 $\chi^2/\text{NDF}: 8666.6/28$

All: 0.382 ± 0.000 $\chi^2/\text{NDF}: 15412.3/52$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$

Left Out: -50.272 ± 0.003 $\chi^2/\text{NDF}: 123792.9/10$

Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$

Left In: -50.007 ± 0.002 $\chi^2/\text{NDF}: 214858.5/8$

Left: -50.105 ± 0.002 $\chi^2/\text{NDF}: 344607.3/19$

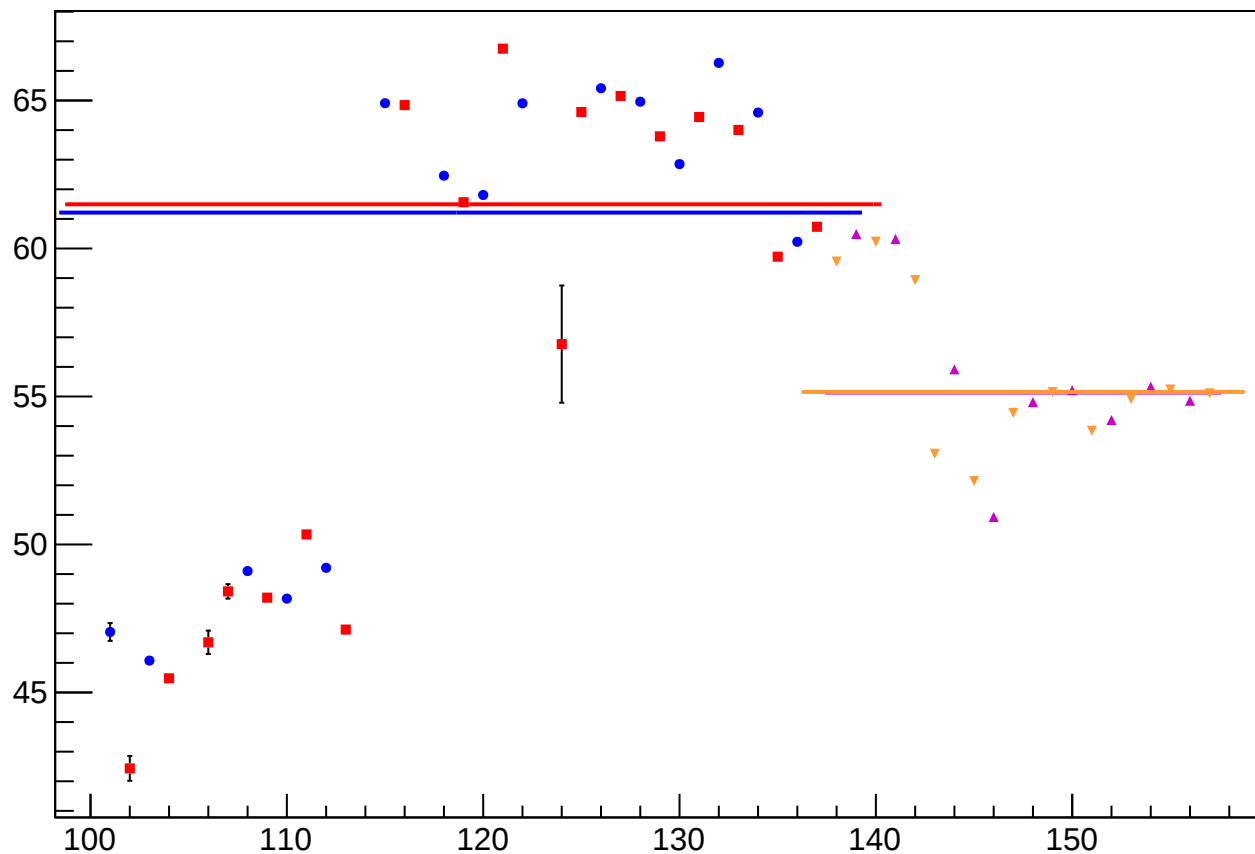
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -50.523 ± 0.002 $\chi^2/\text{NDF}: 512626.0/23$

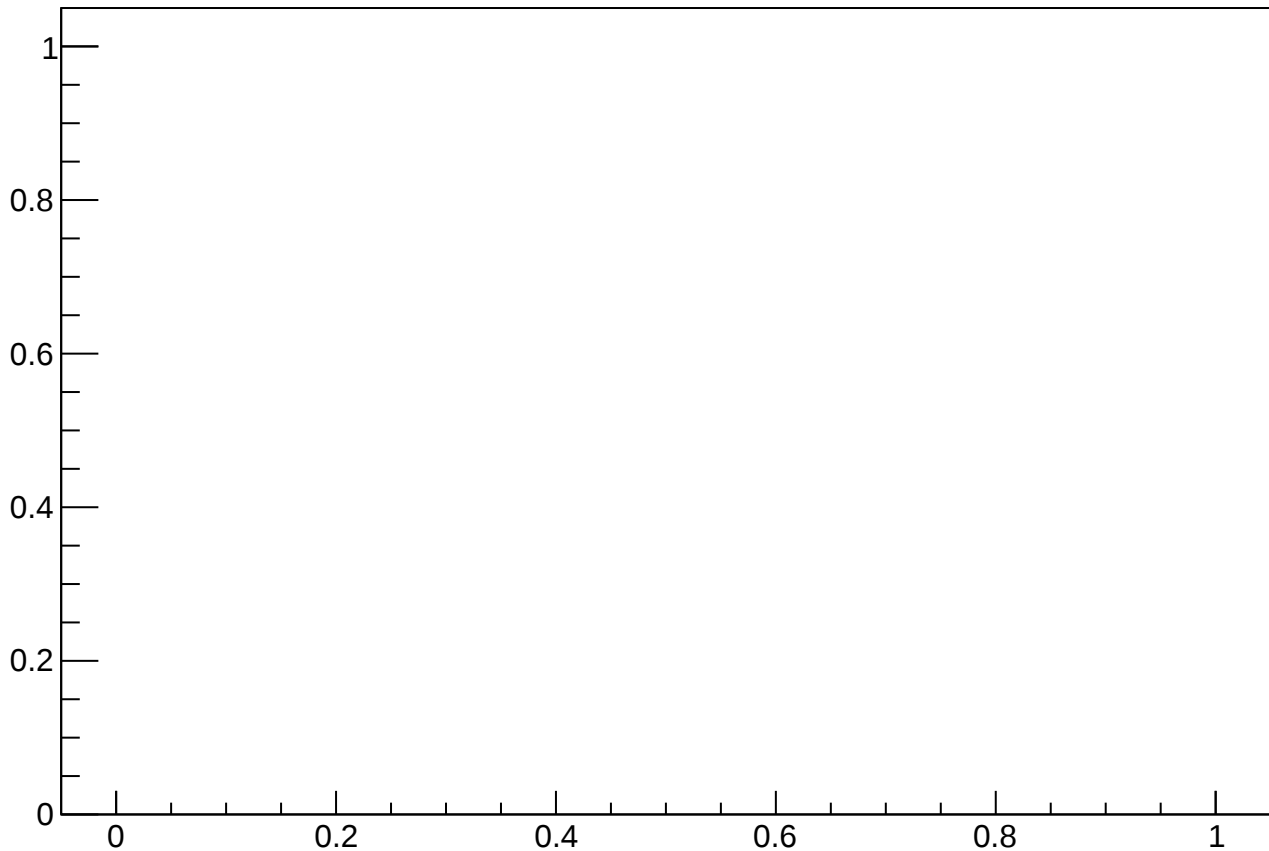
Out: -52.205 ± 0.001 $\chi^2/\text{NDF}: 722259.6/28$

All: -51.807 ± 0.001 $\chi^2/\text{NDF}: 1874246.2/52$

dit_sam8_4eY_slope vs Slug, Sign Corrected



dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

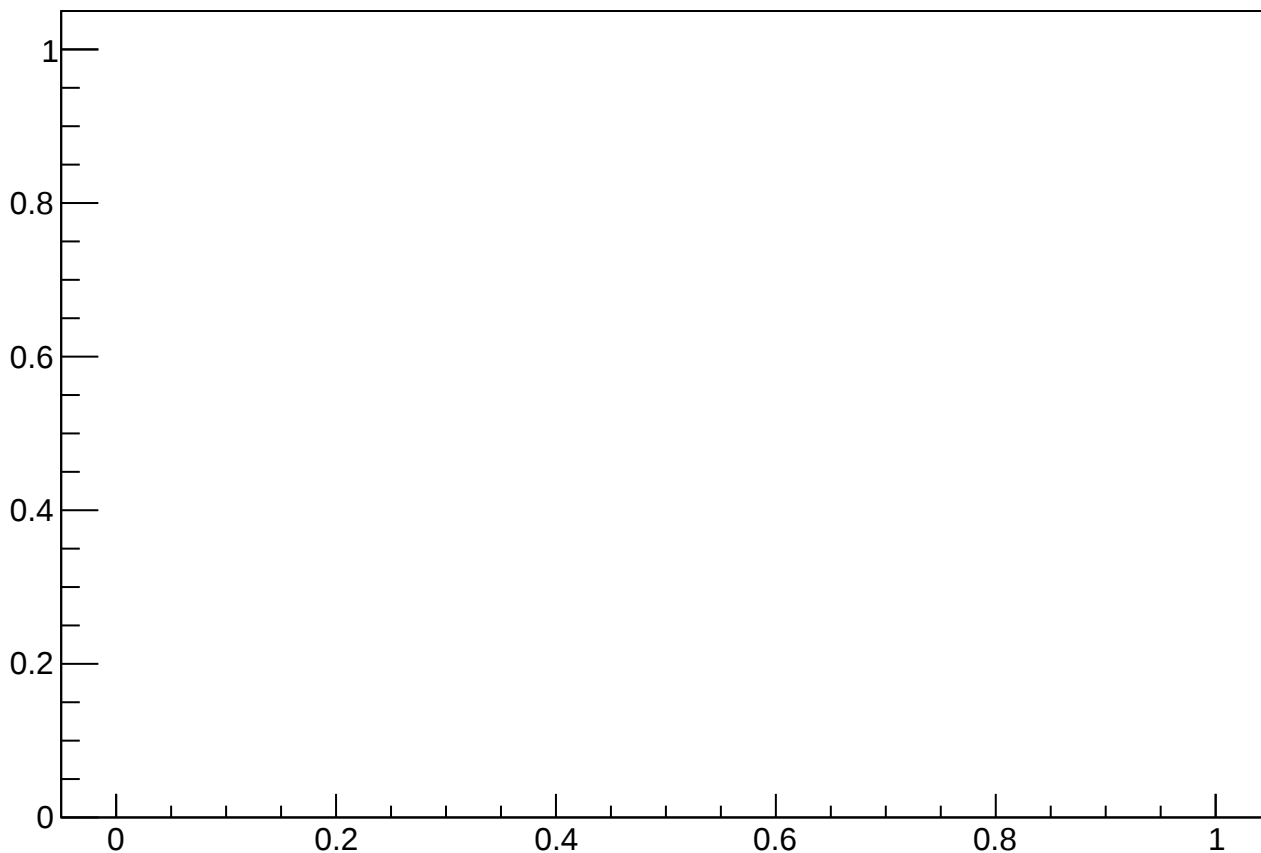
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_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

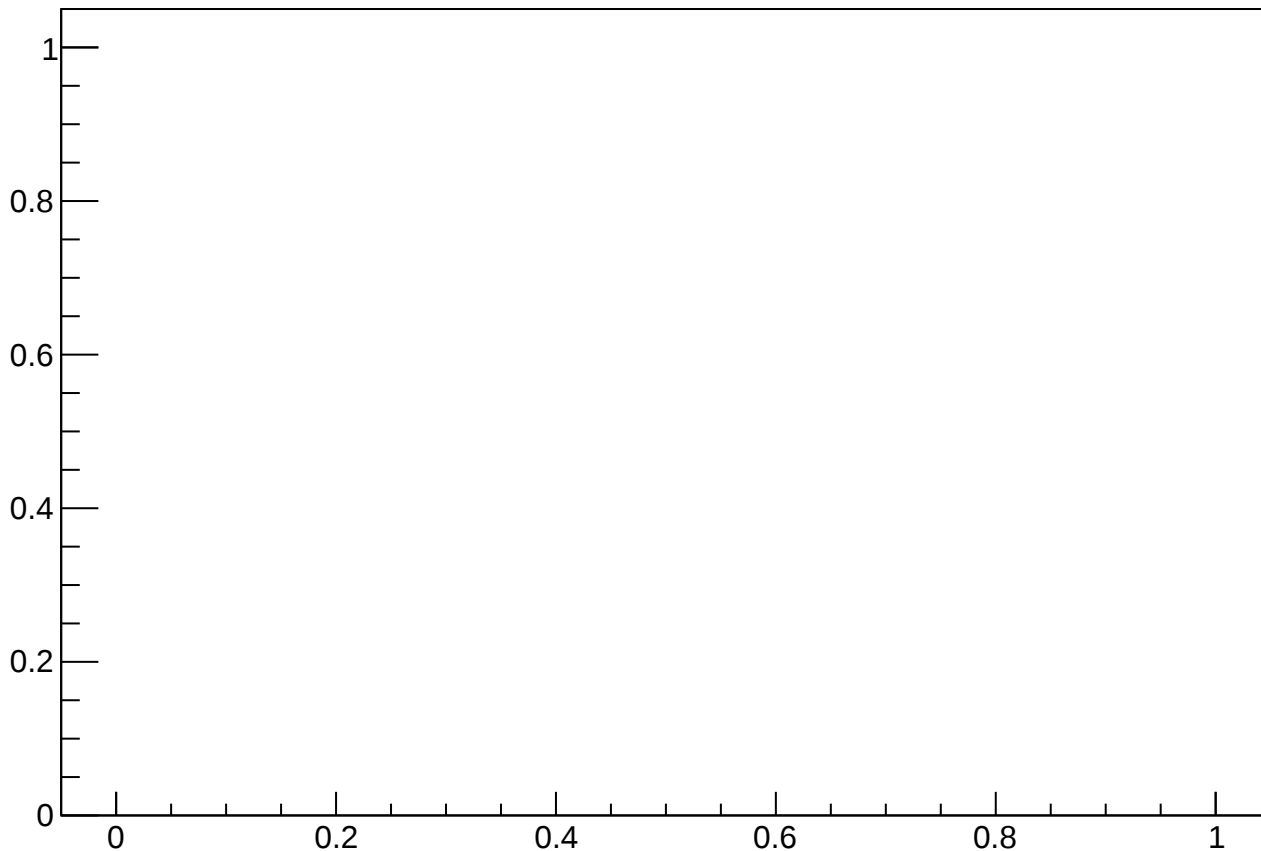
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

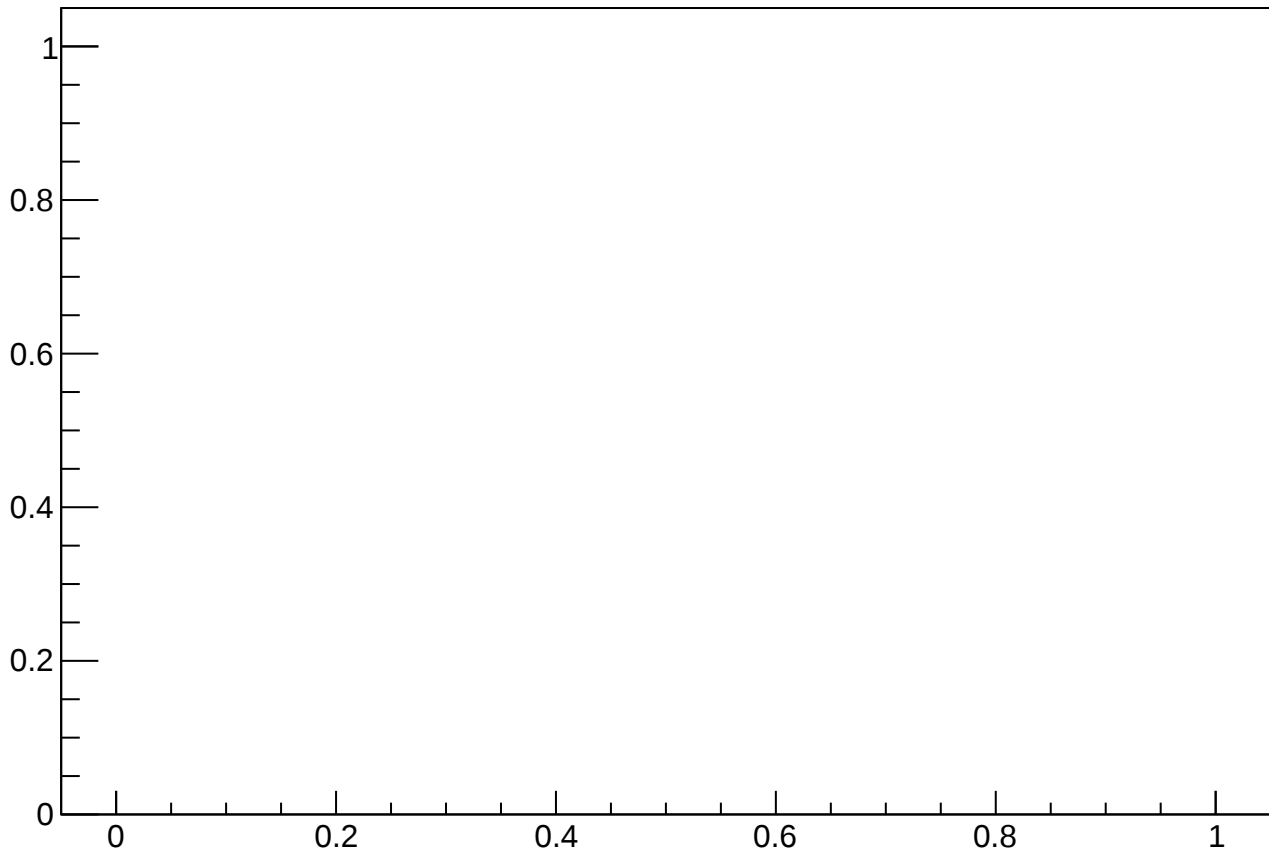
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

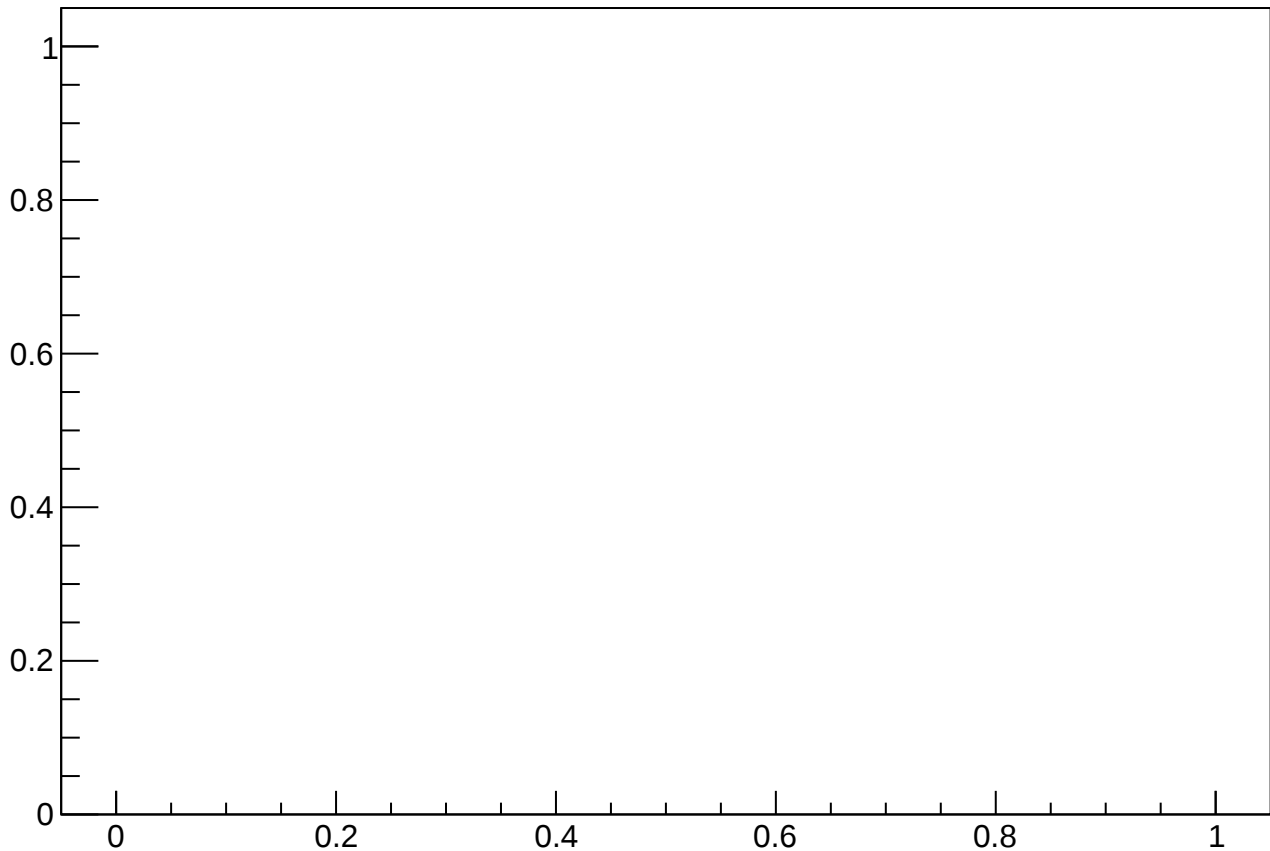
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

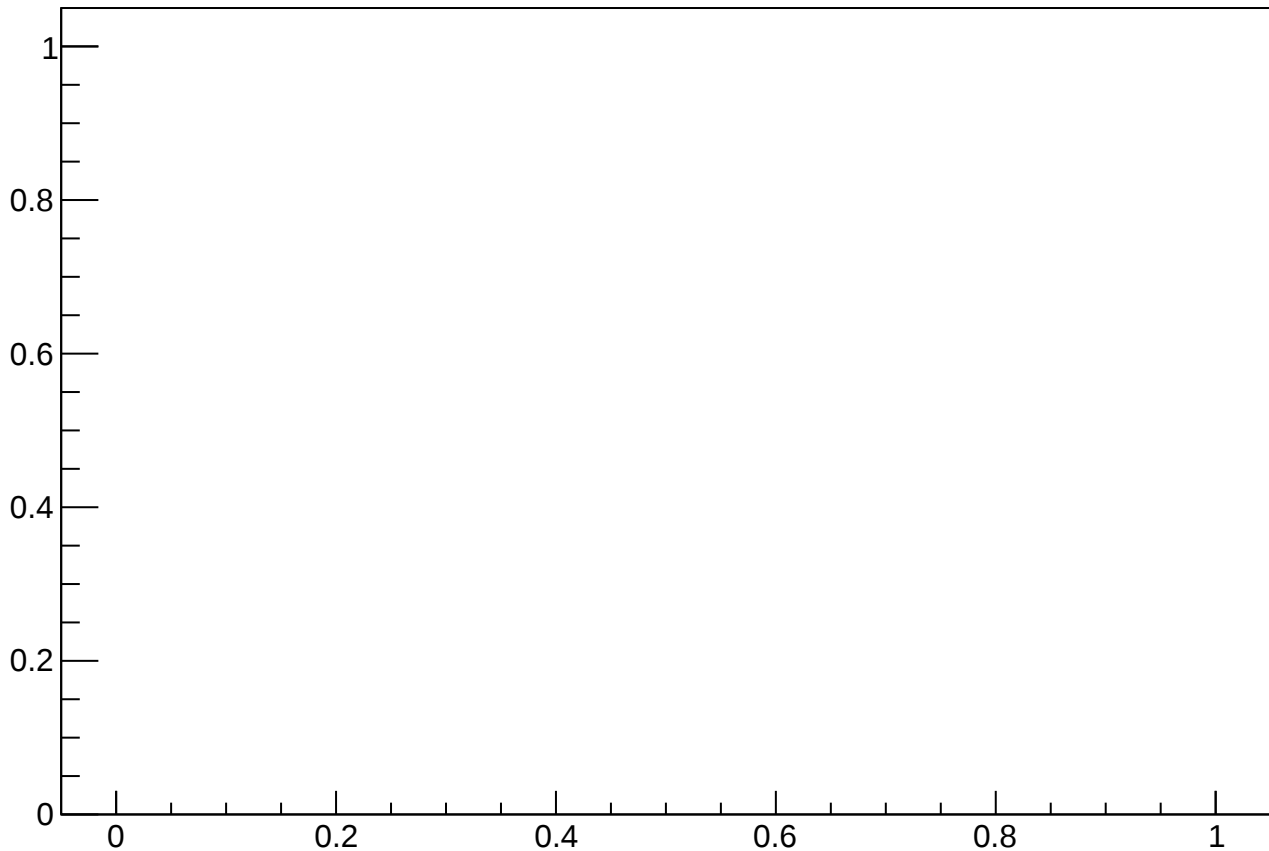
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

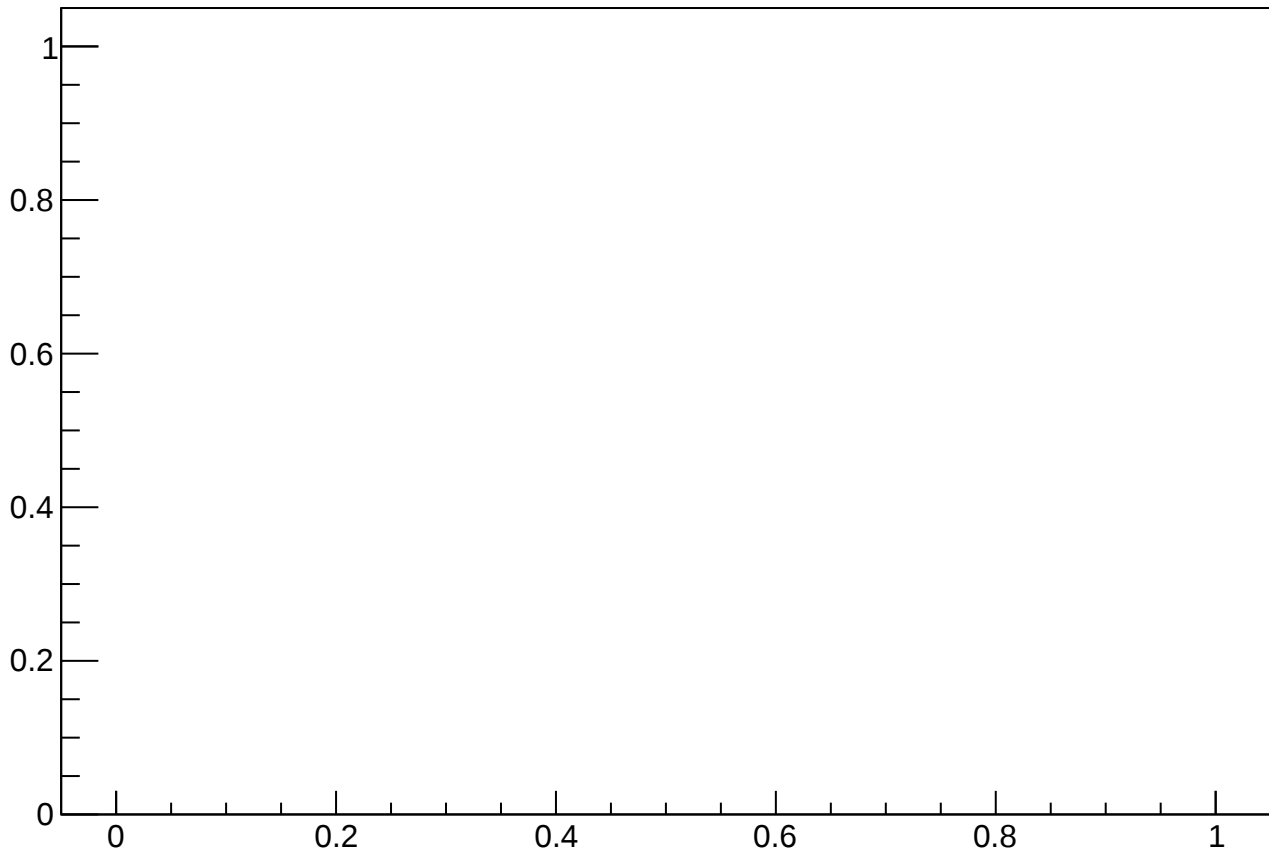
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

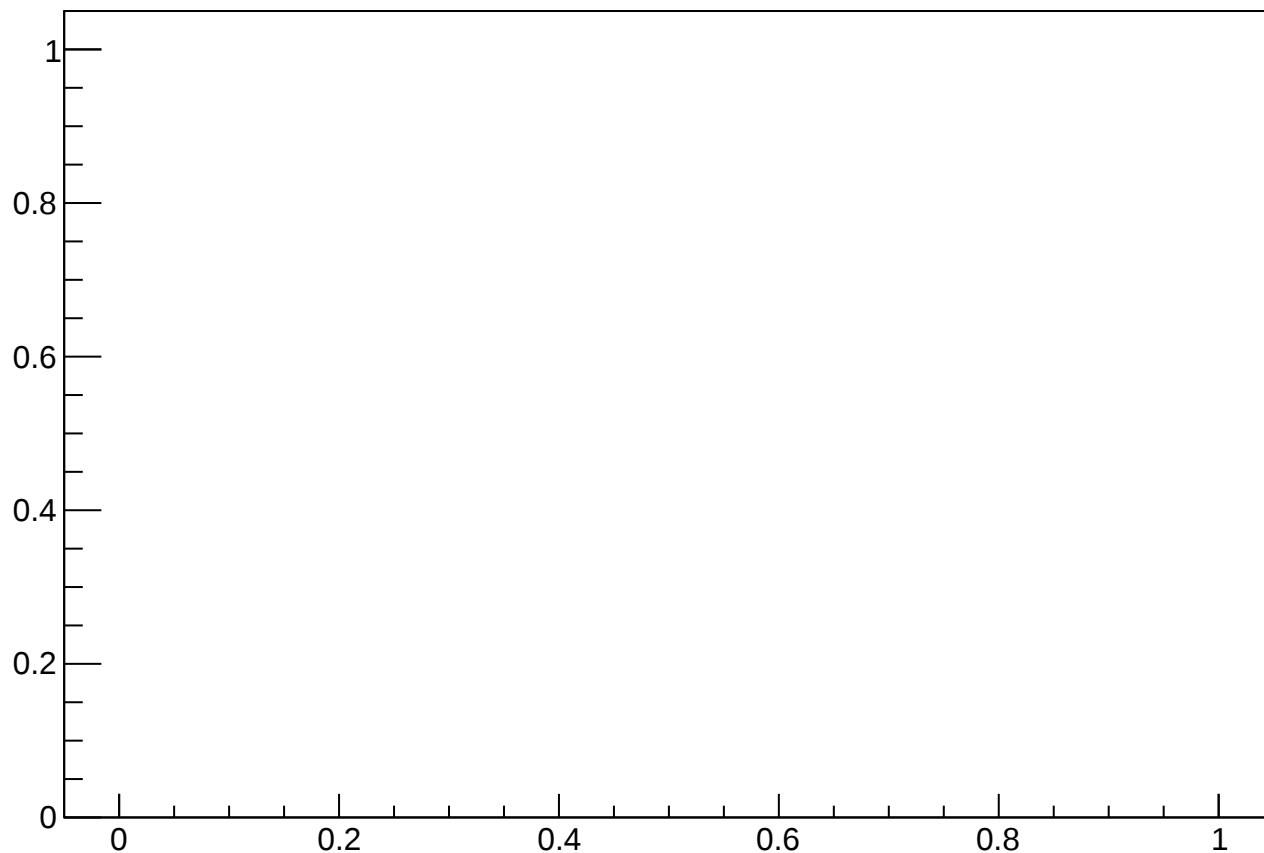
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

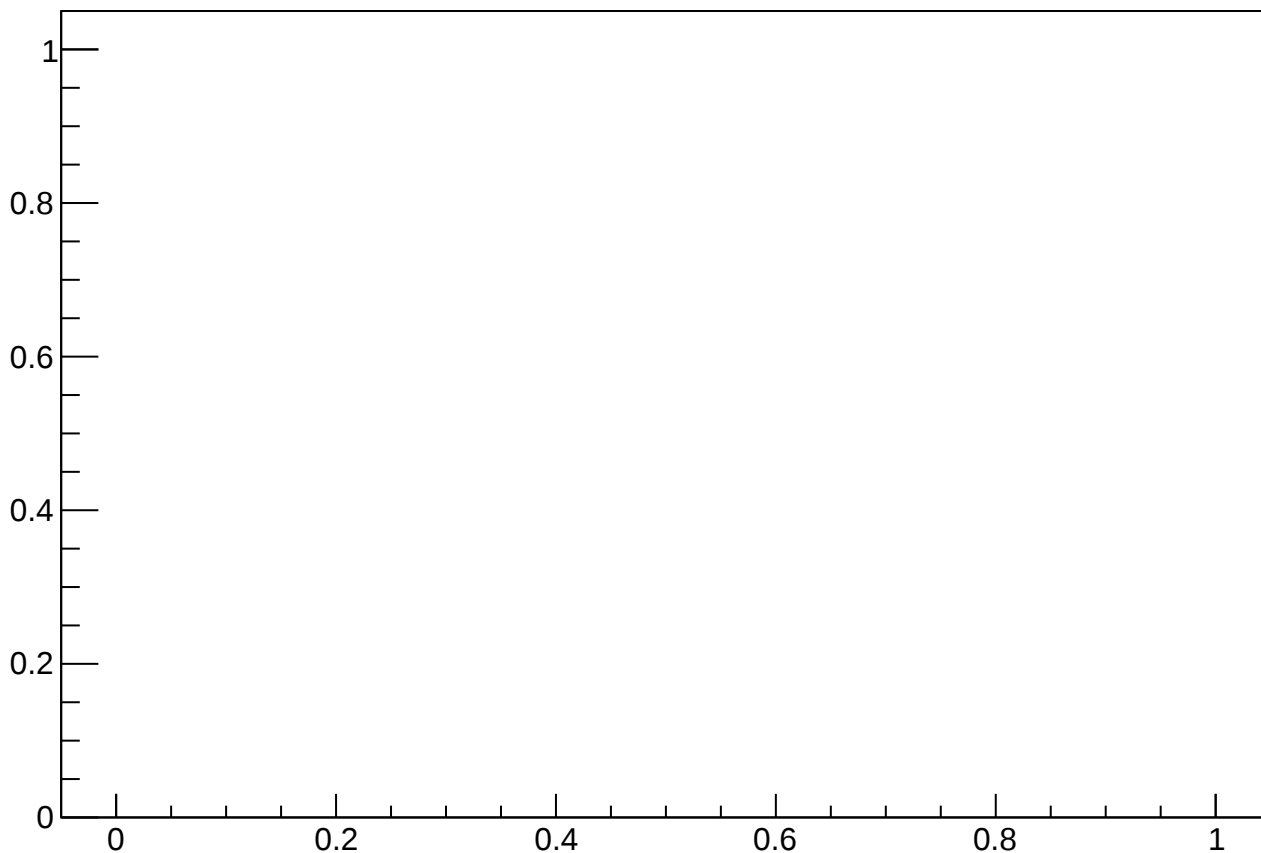
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

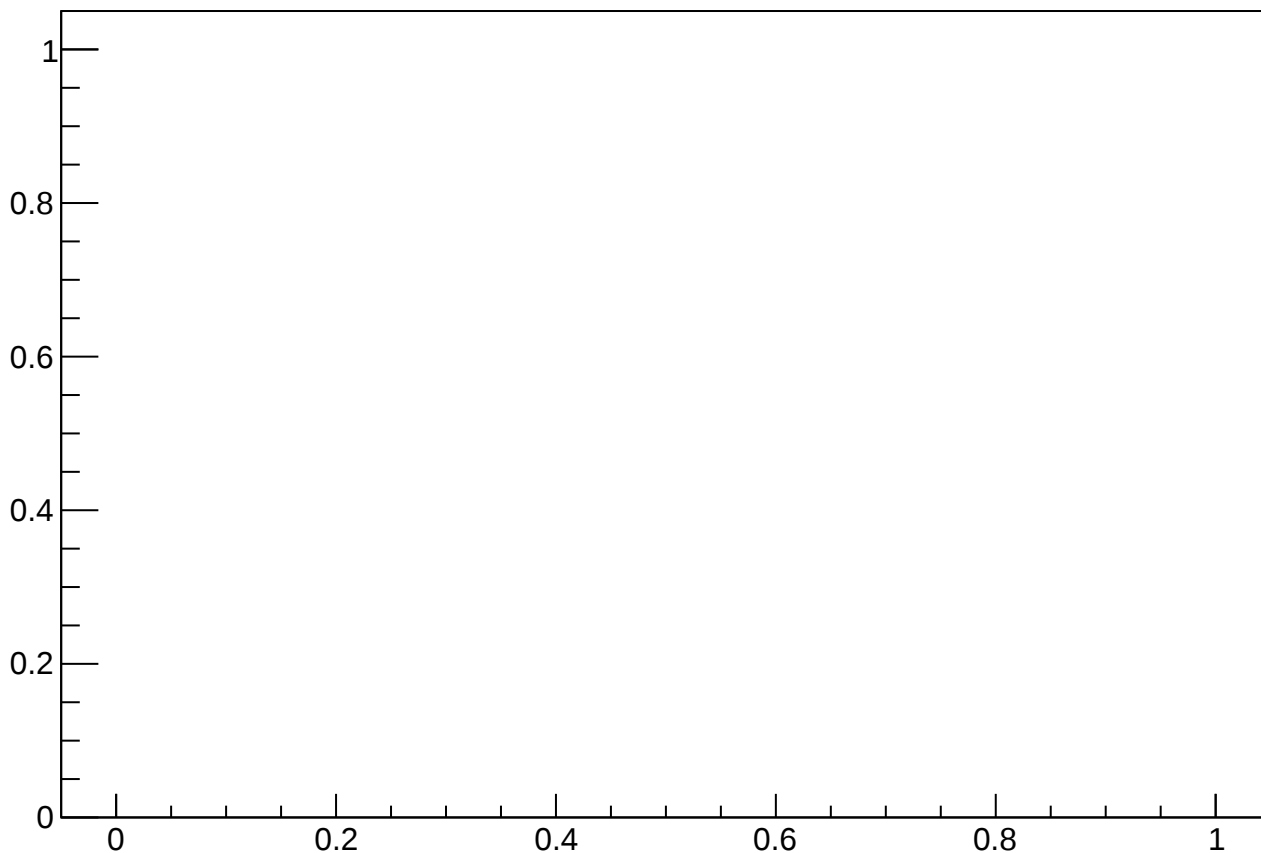
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

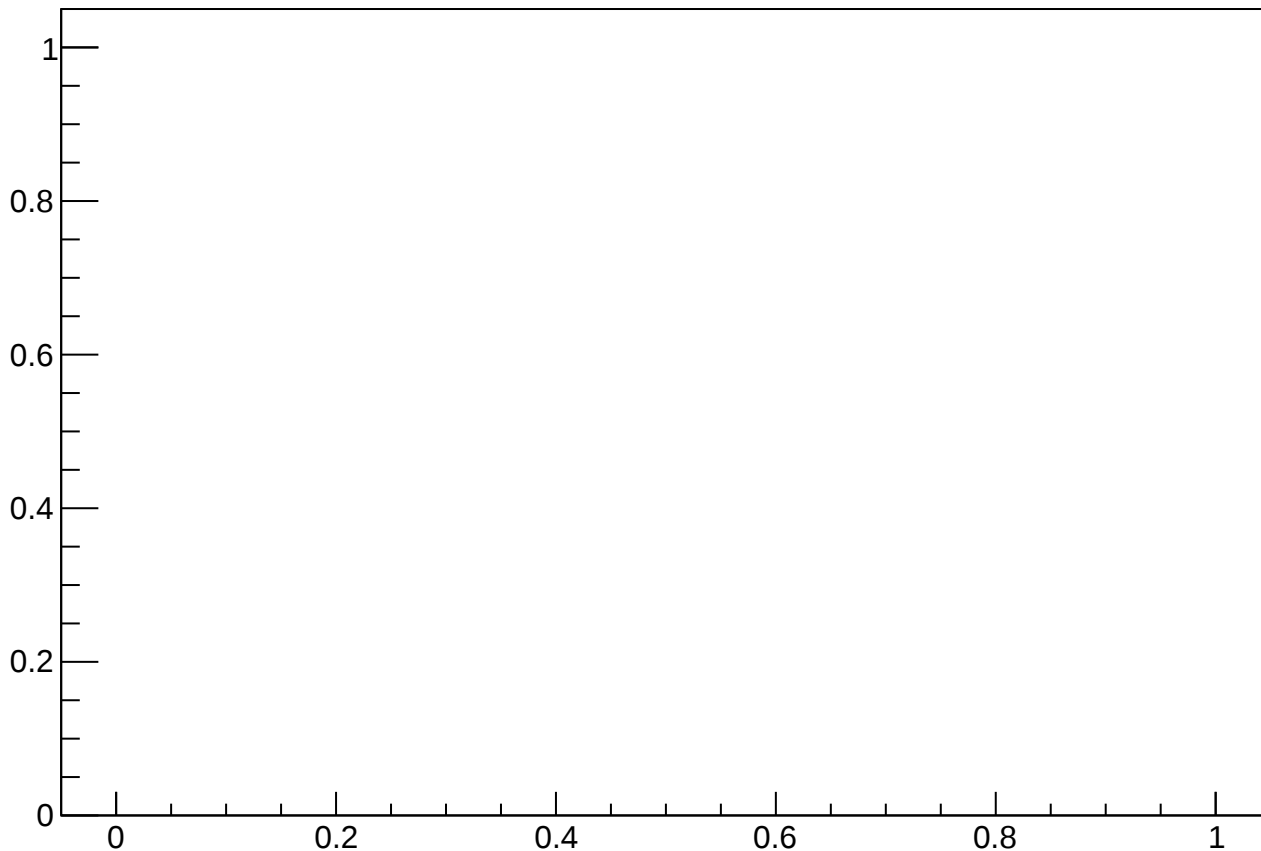
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

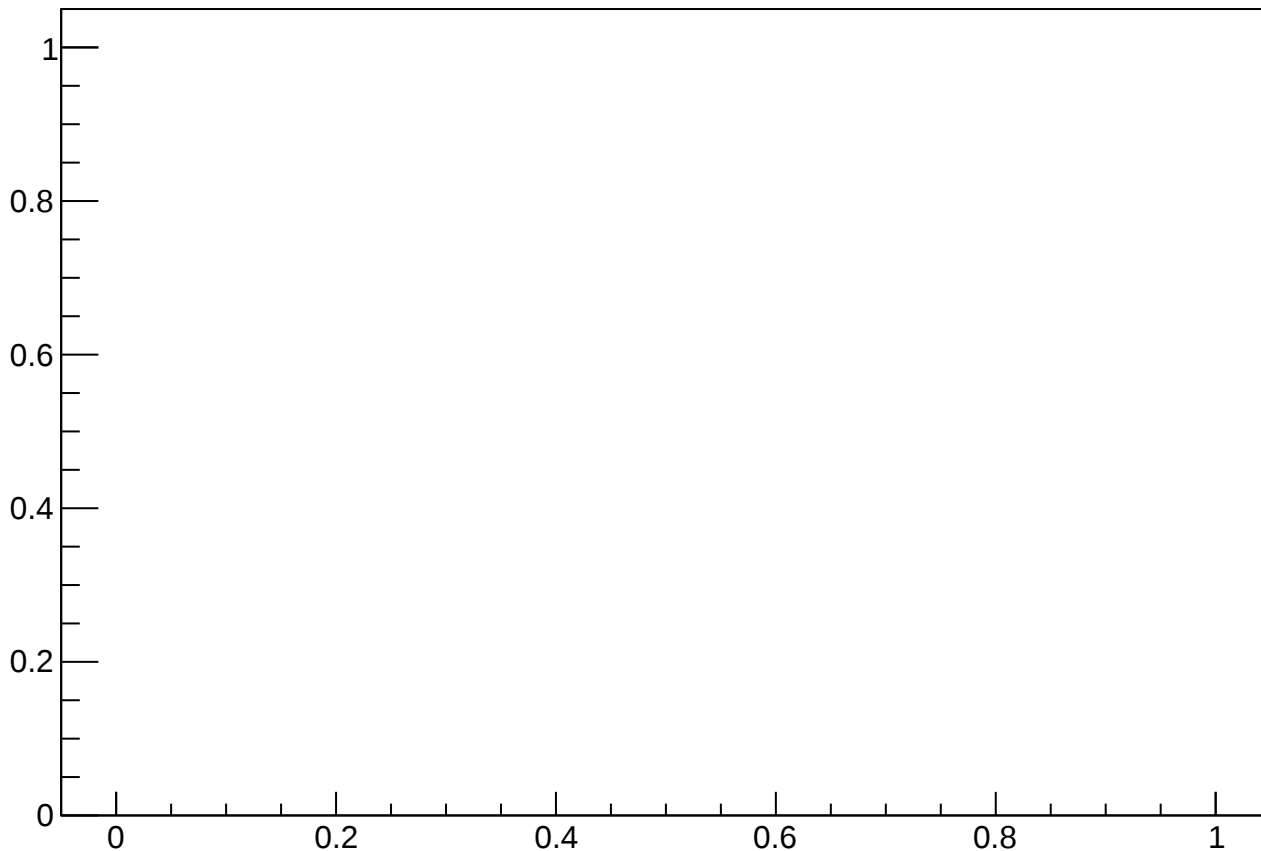
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

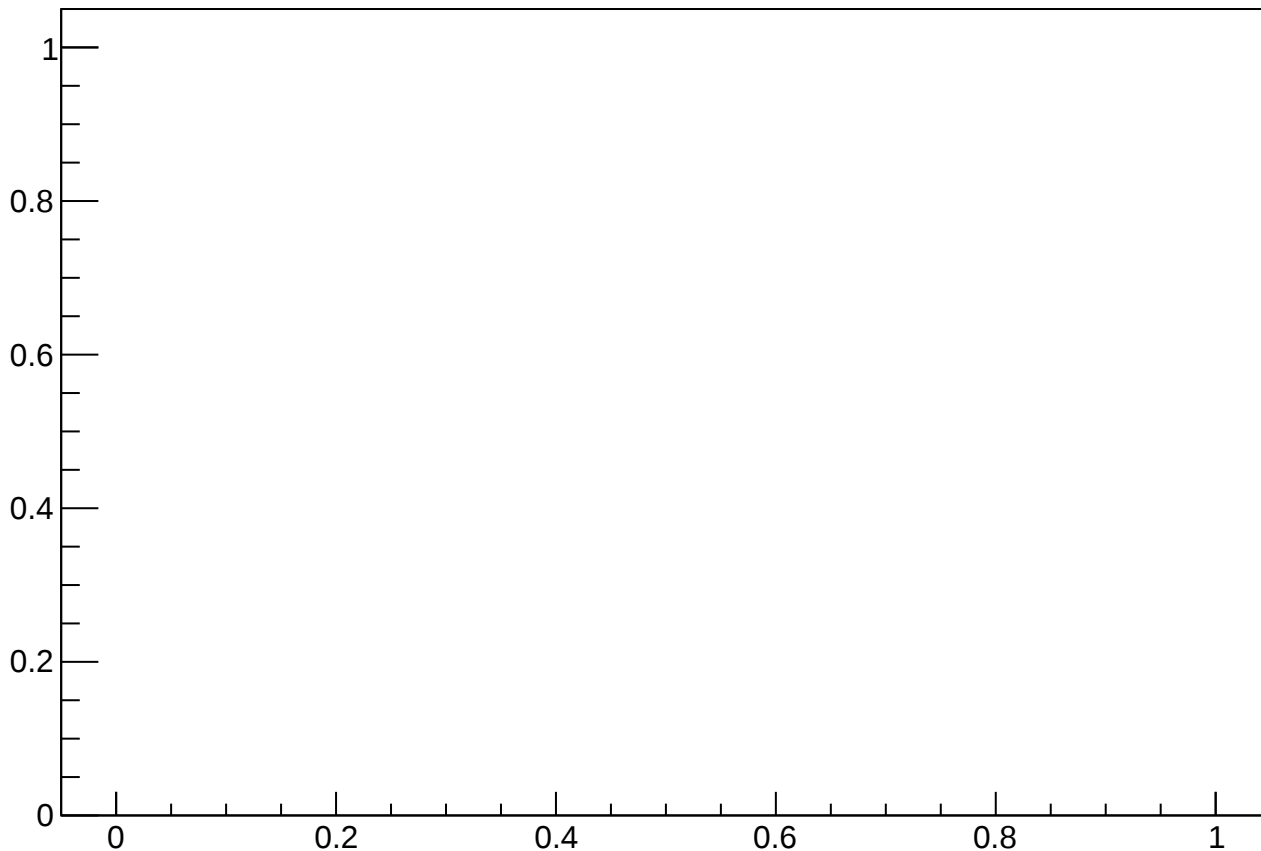
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

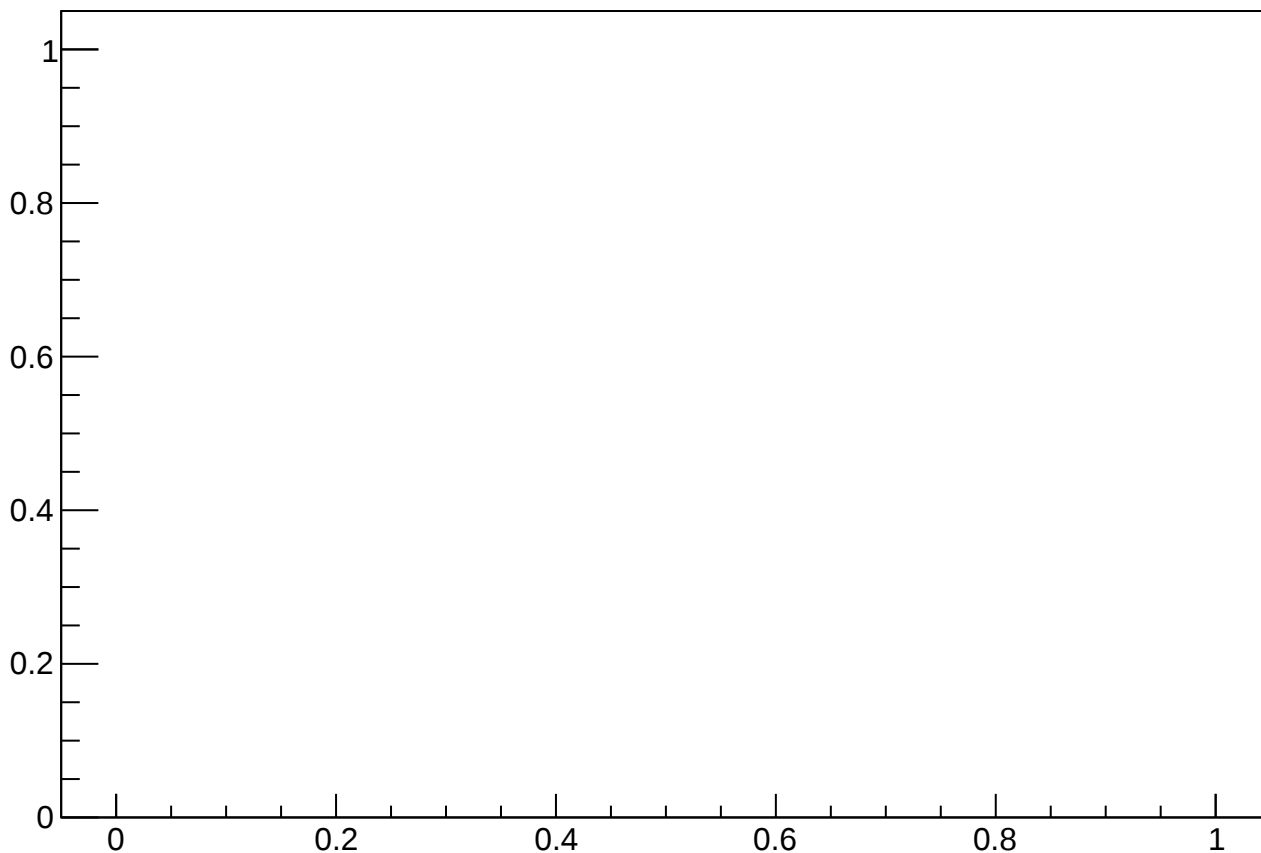
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

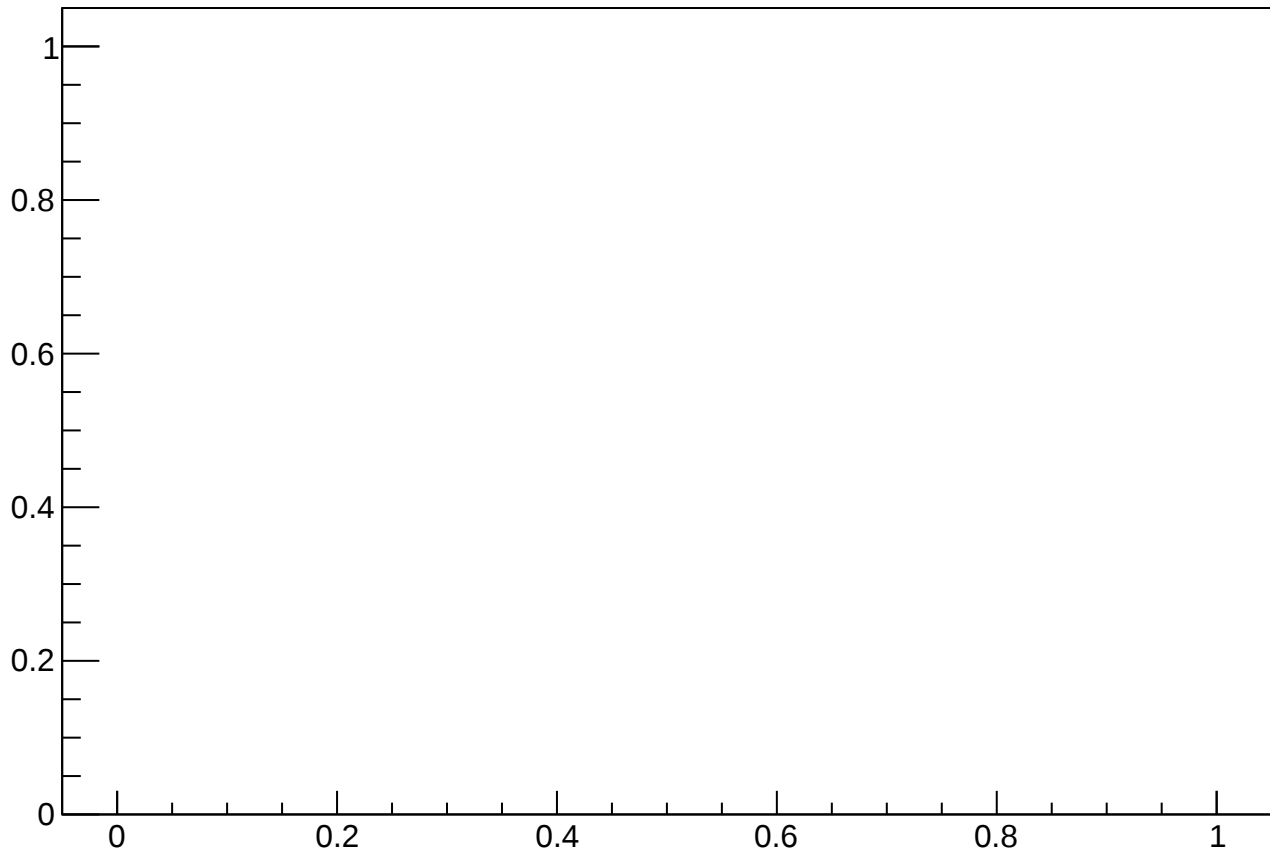
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

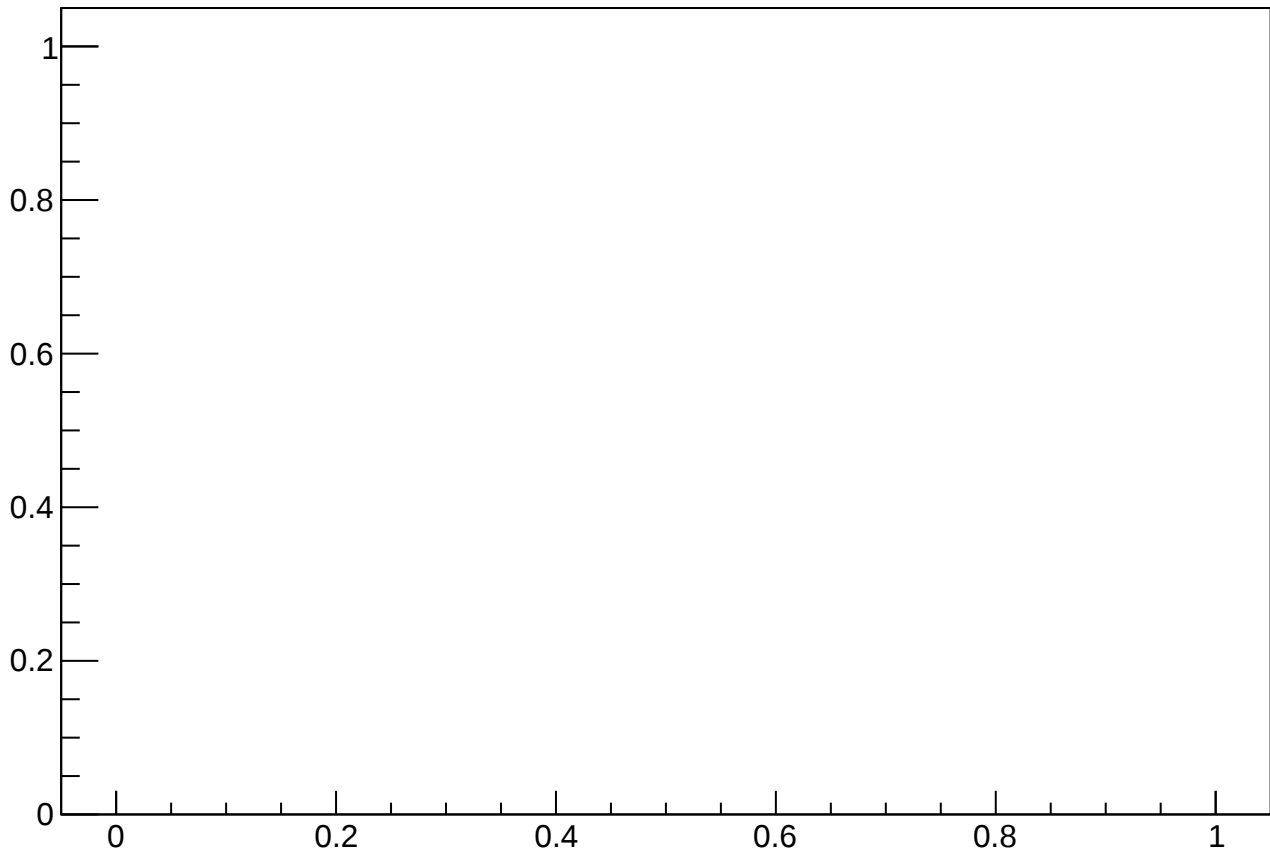
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

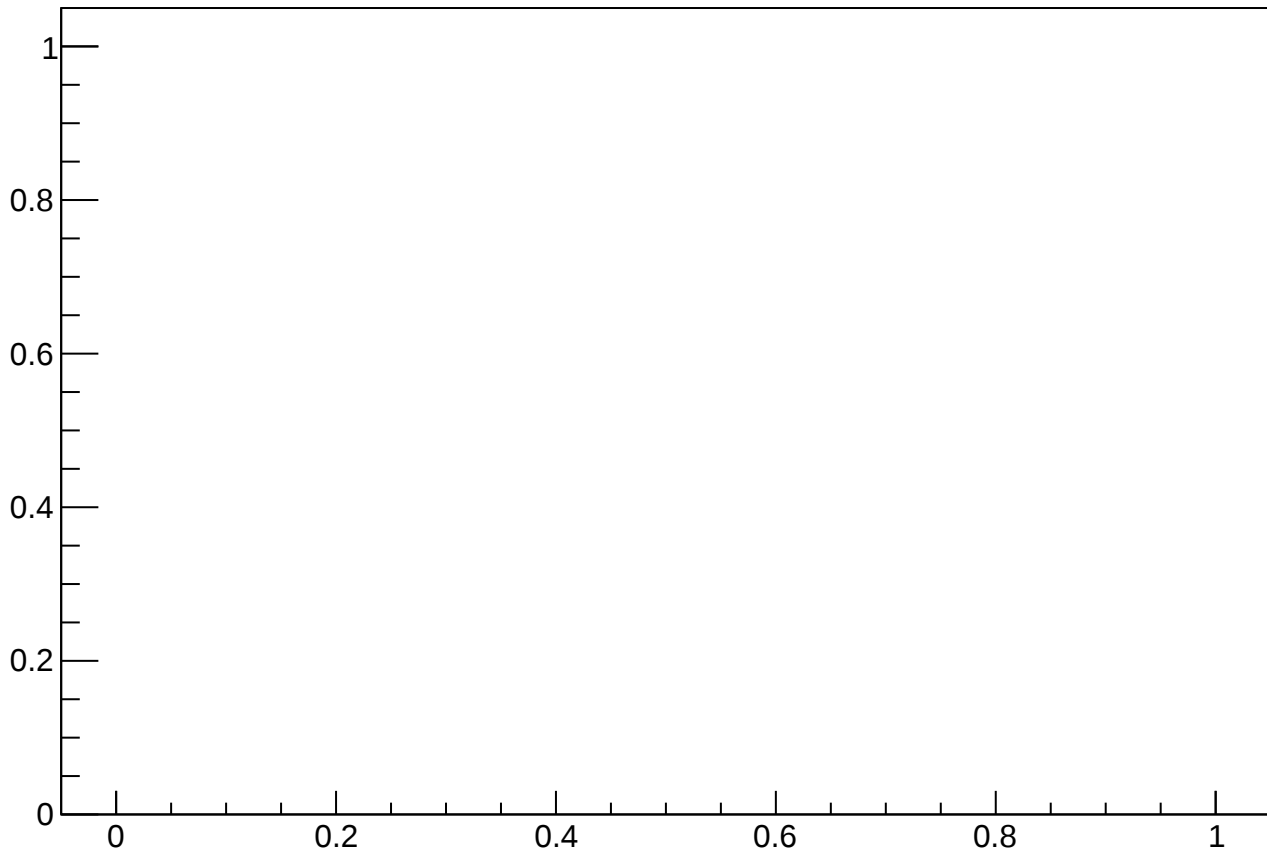
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

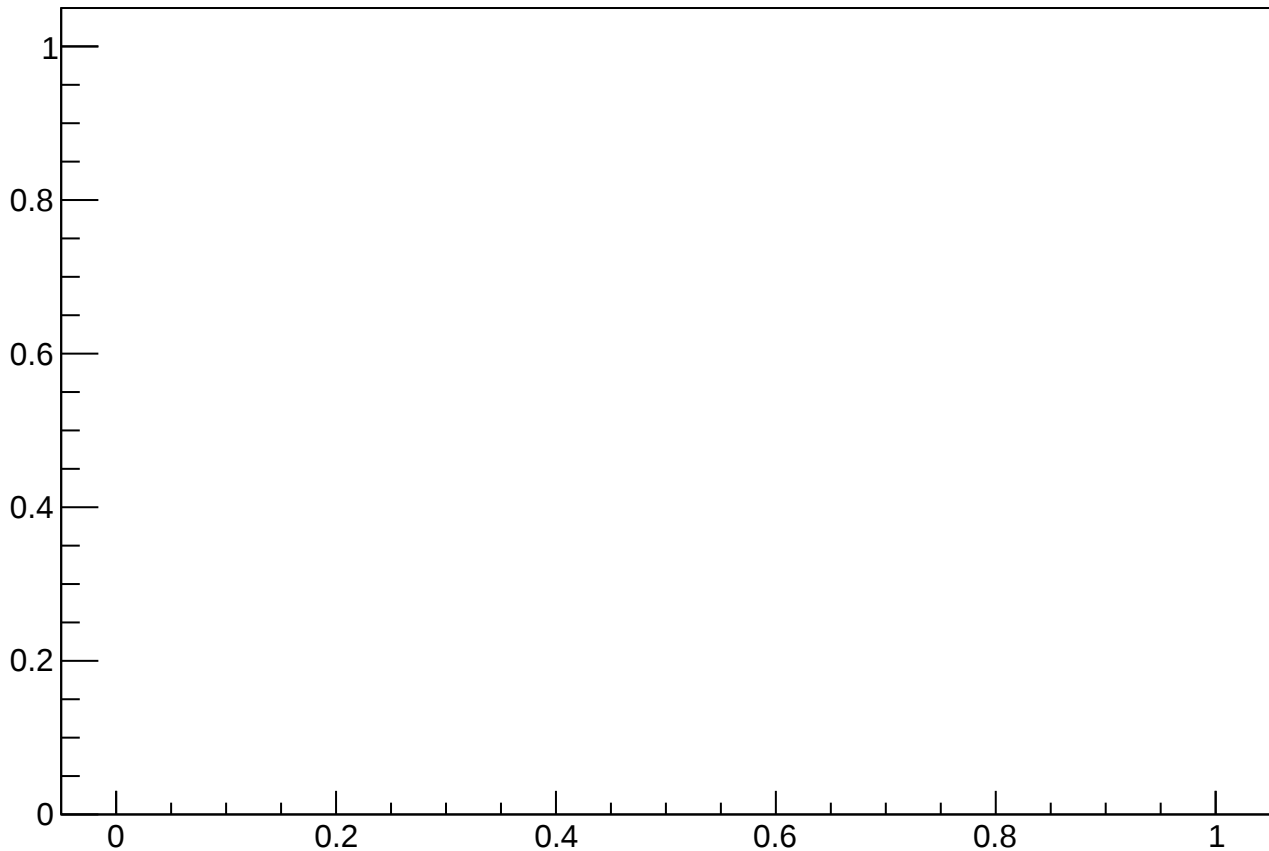
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

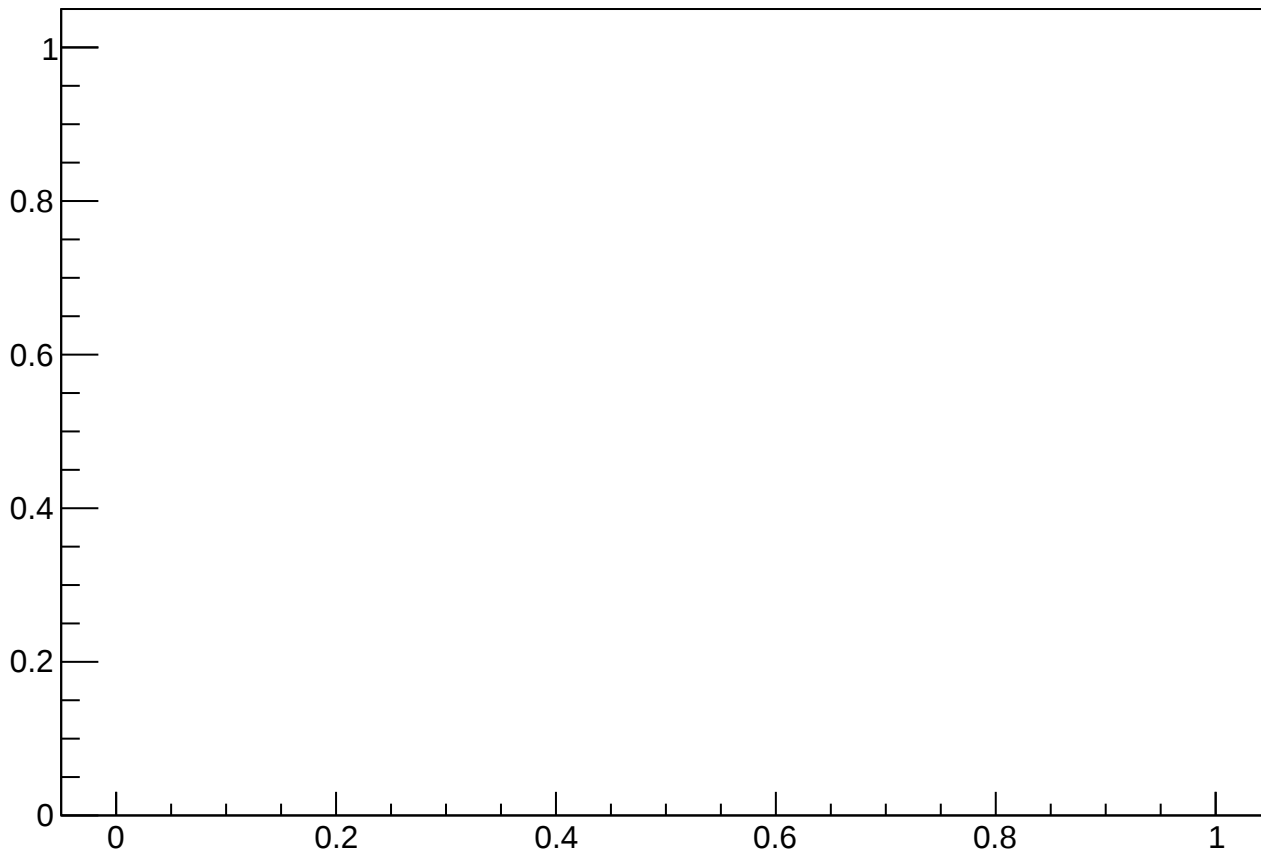
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

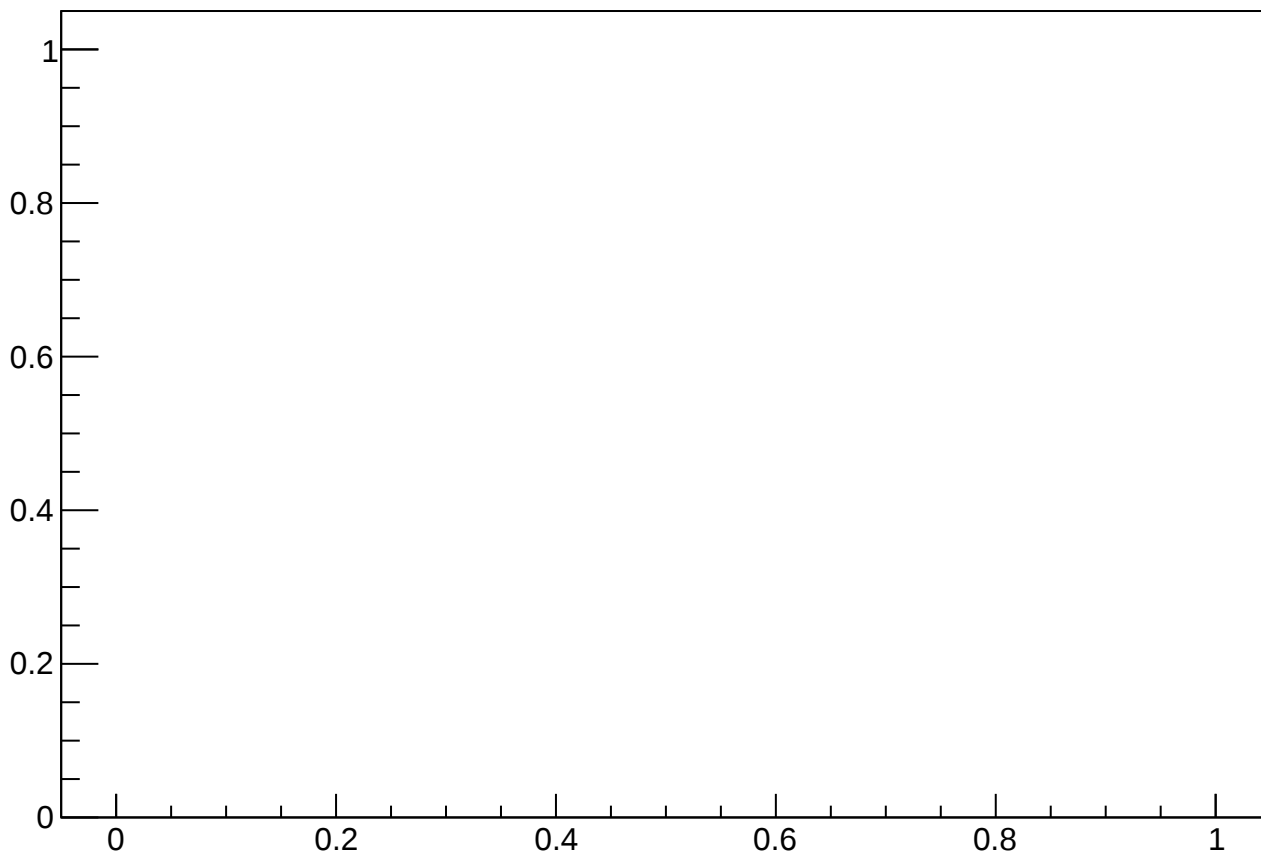
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

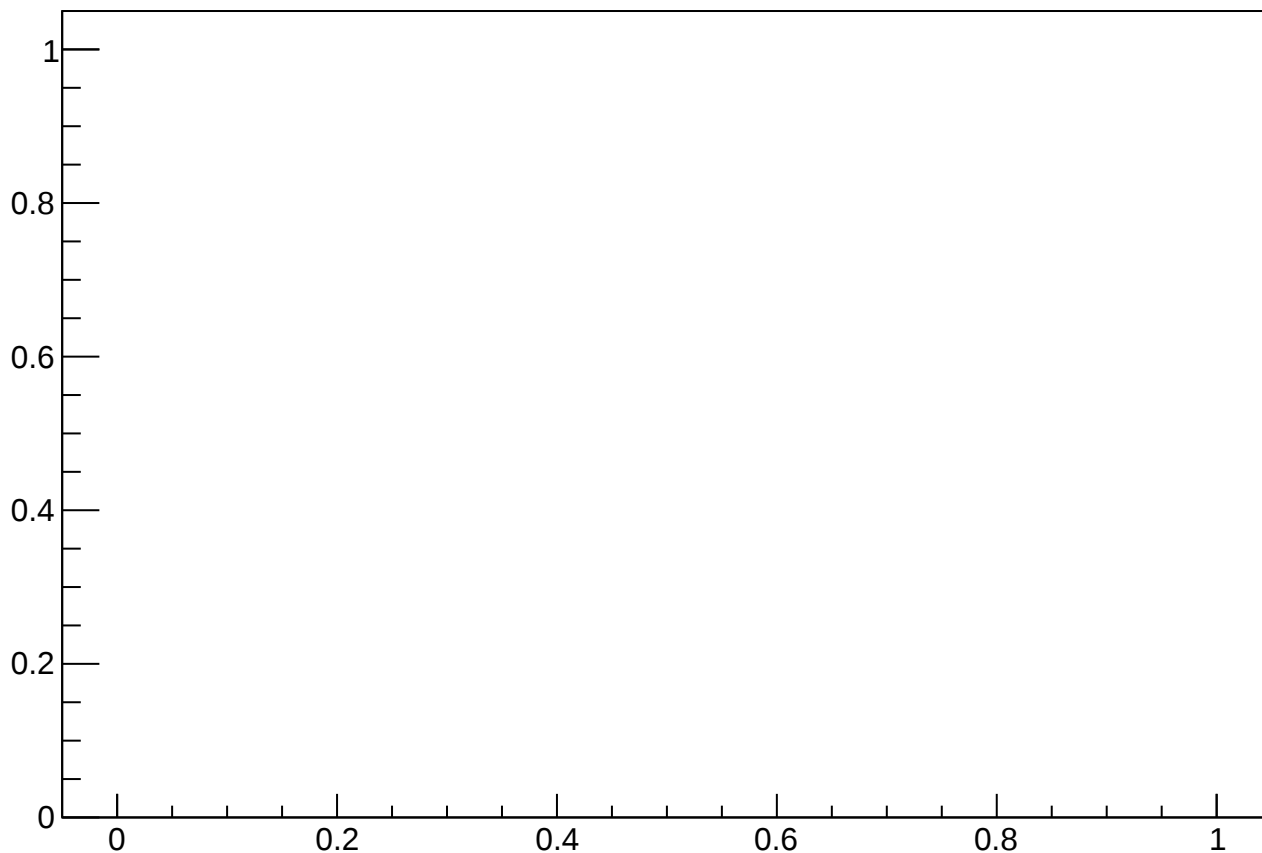
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

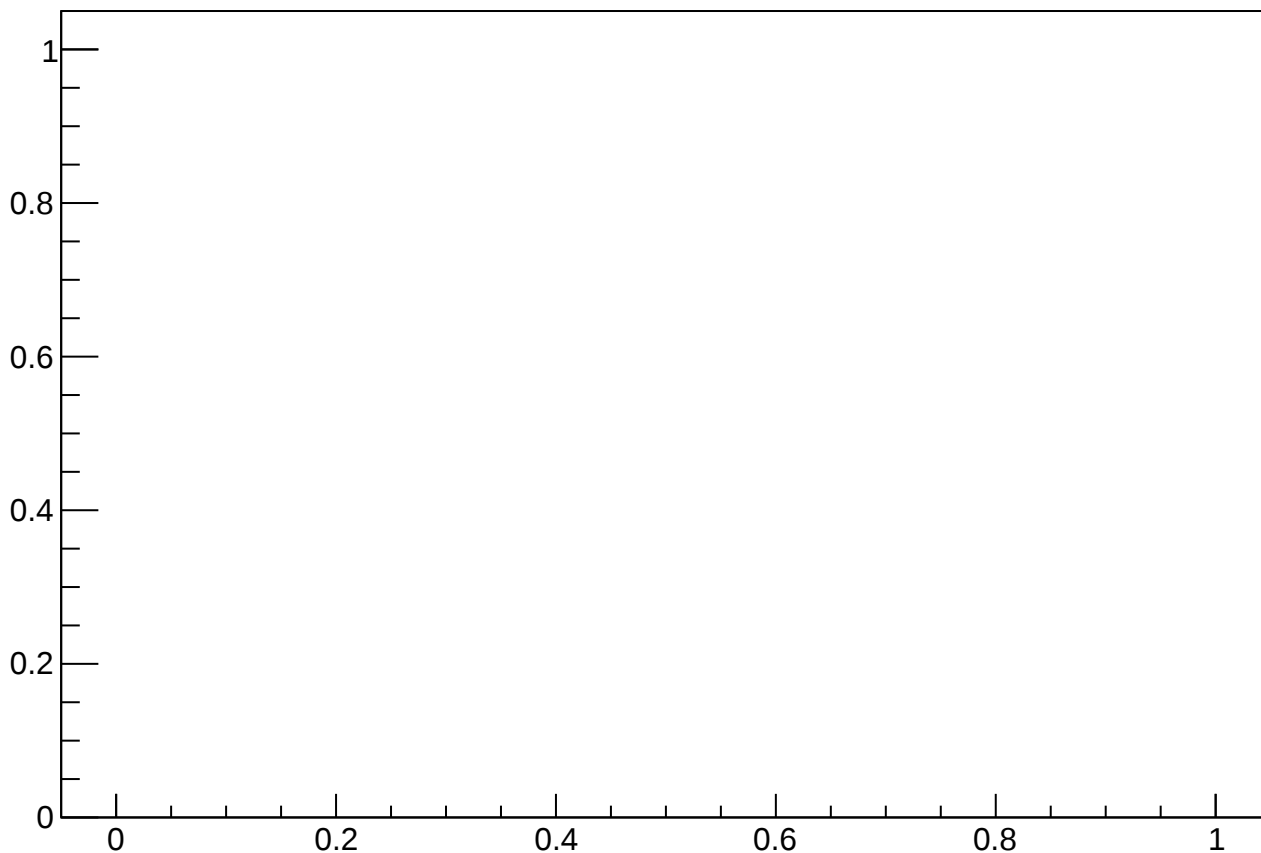
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

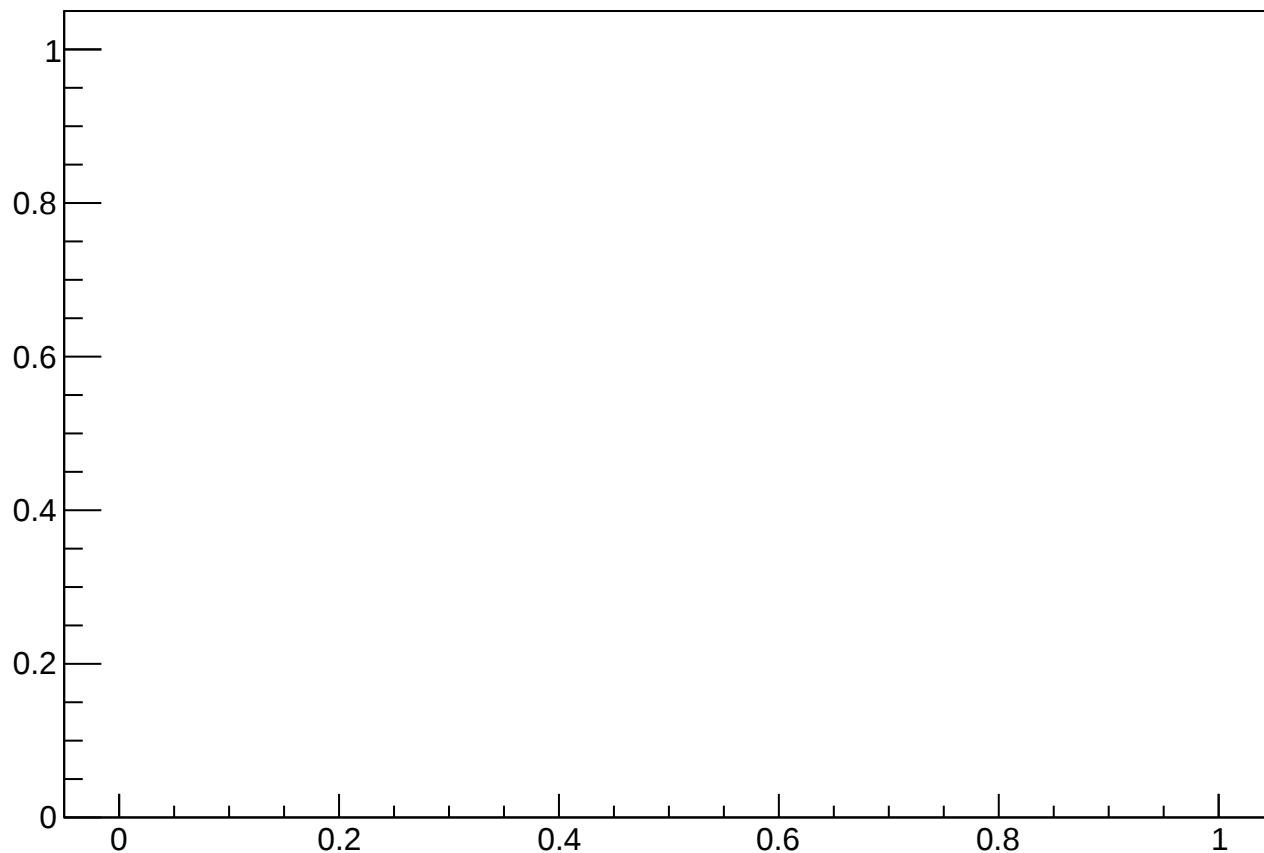
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

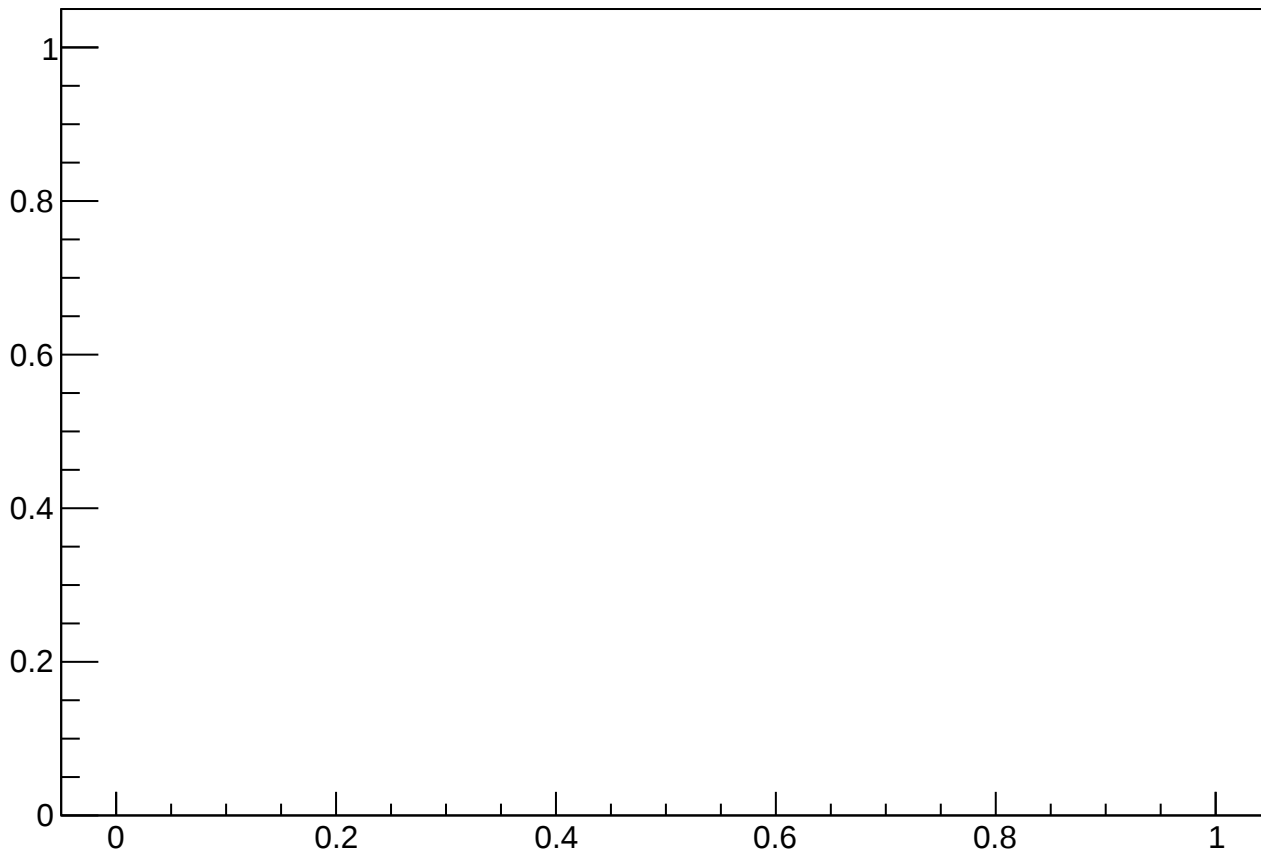
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

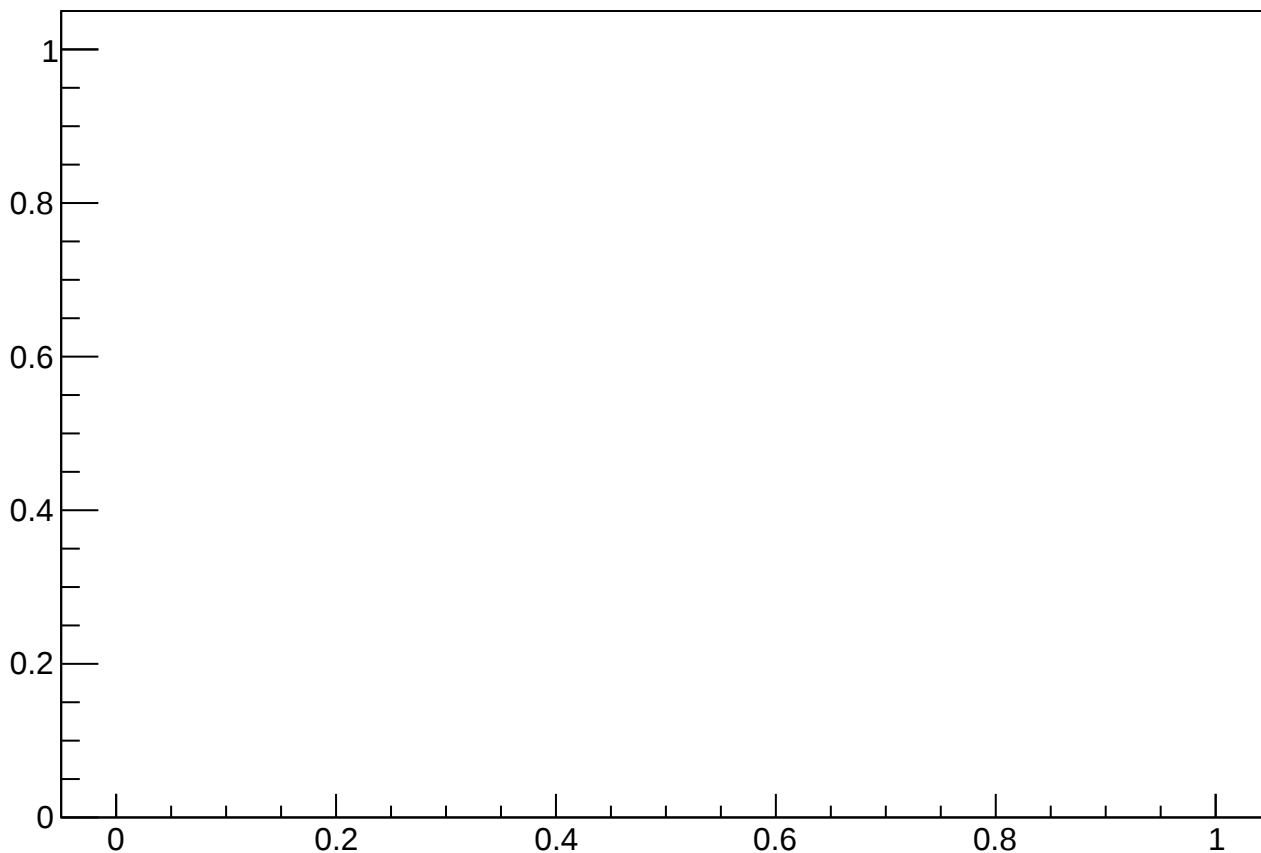
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

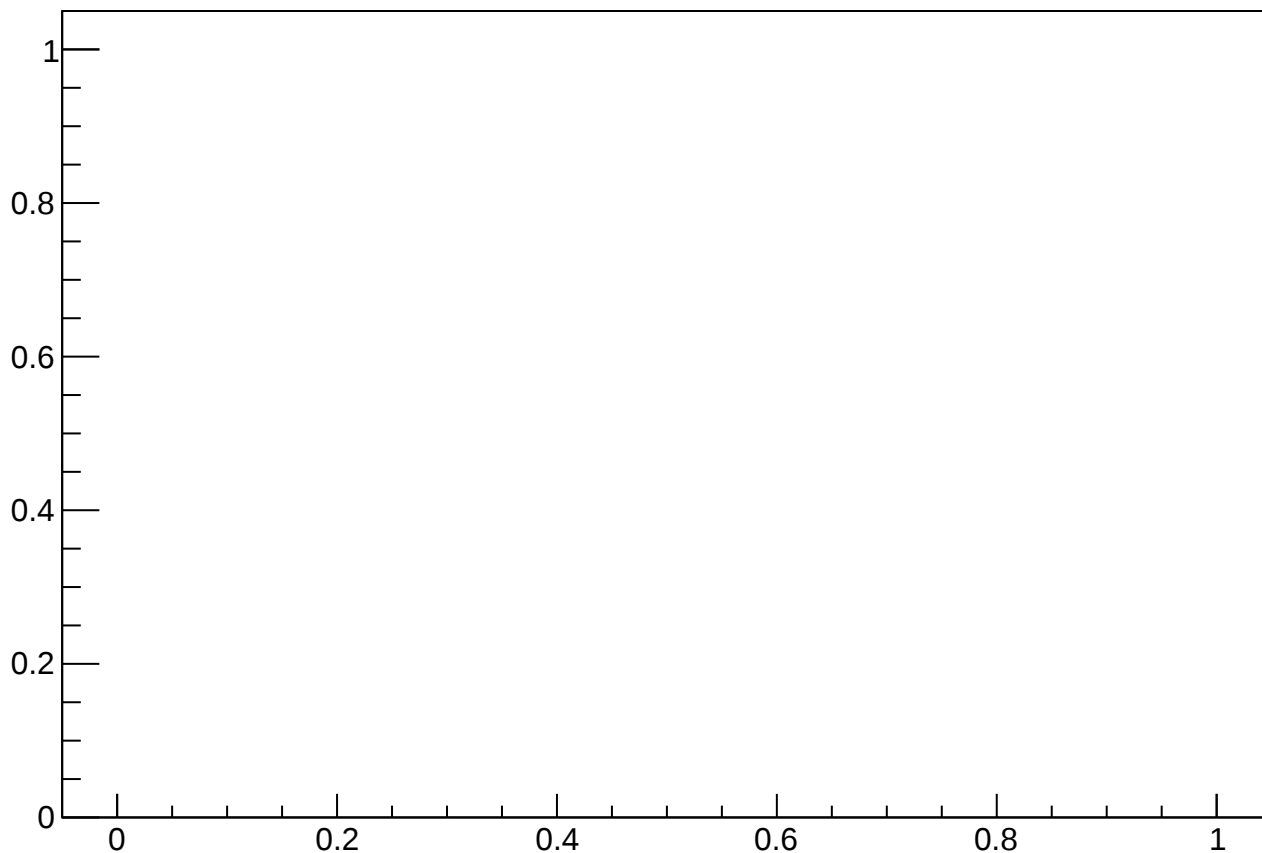
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

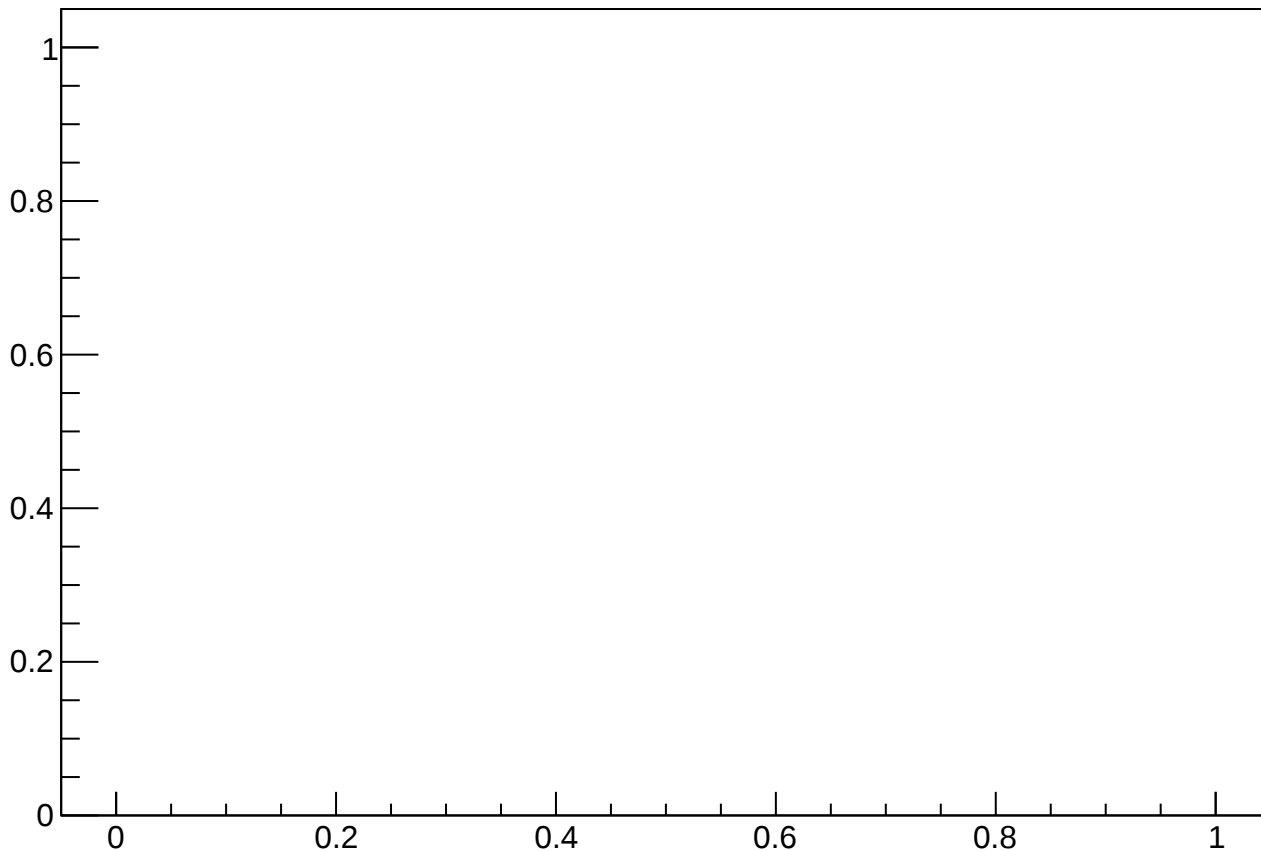
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

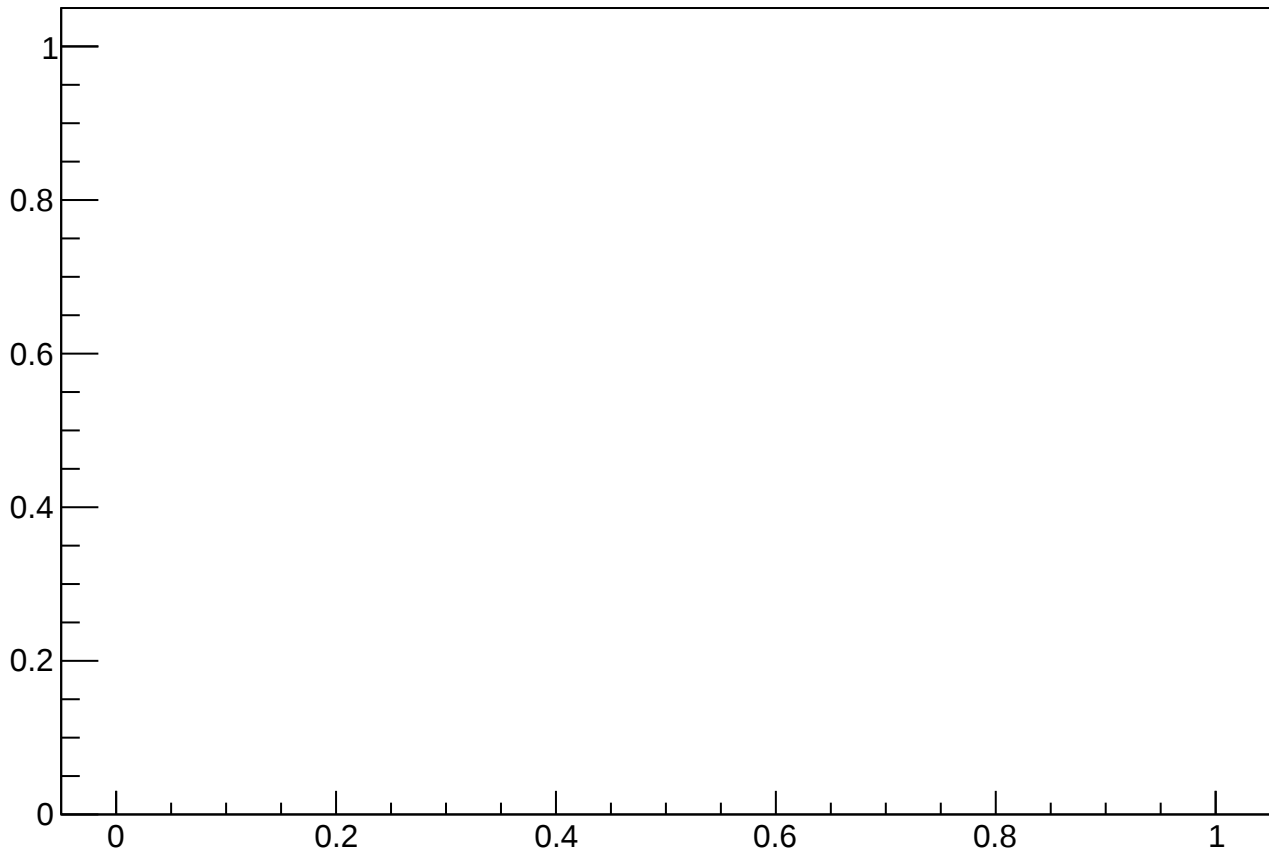
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

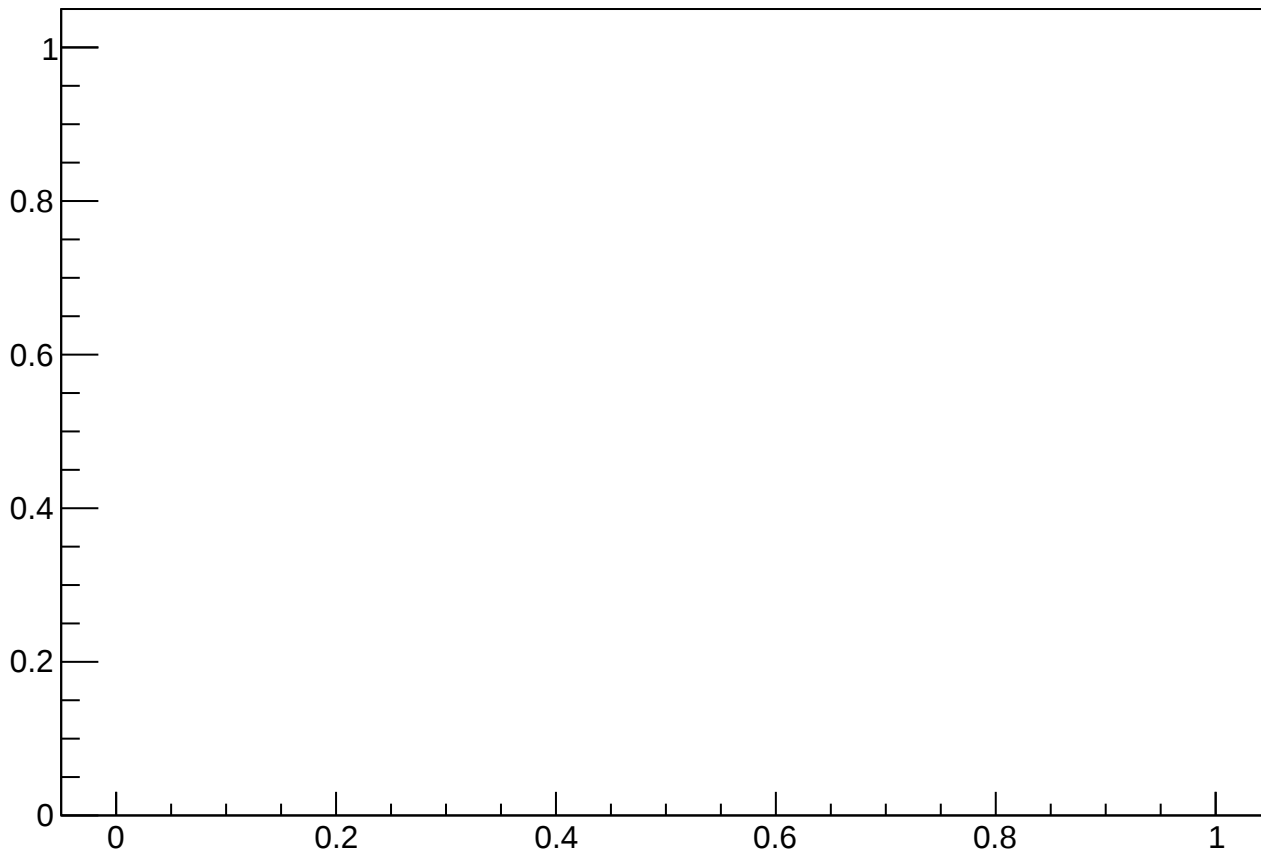
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

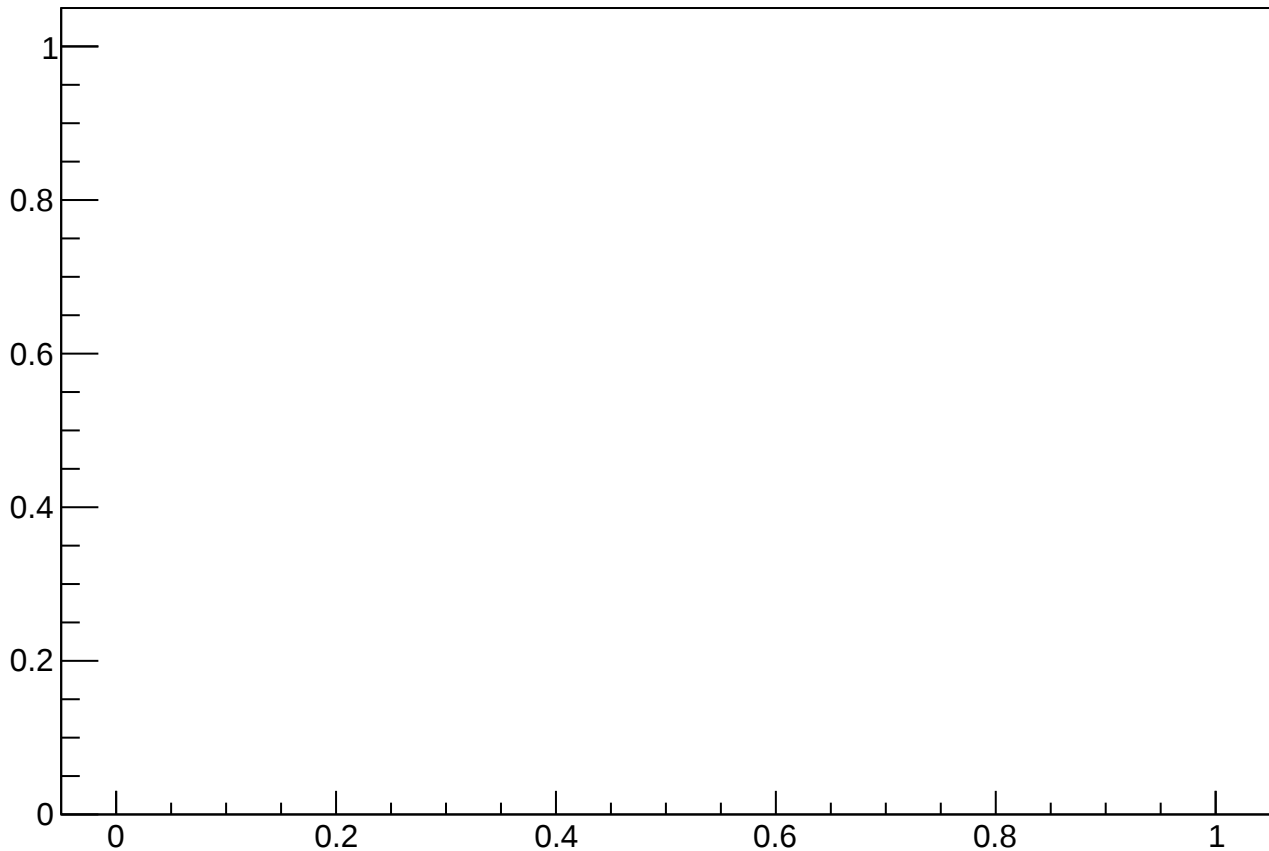
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

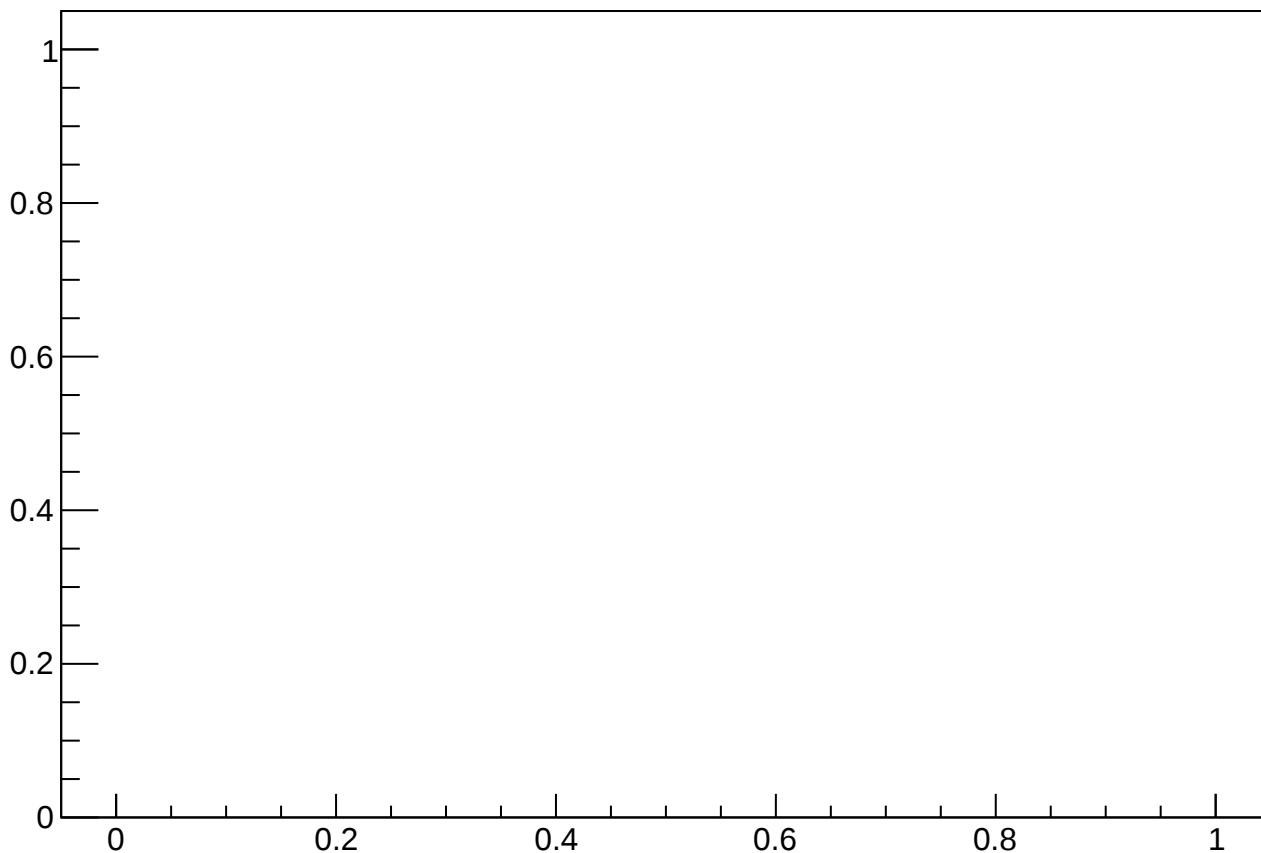
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

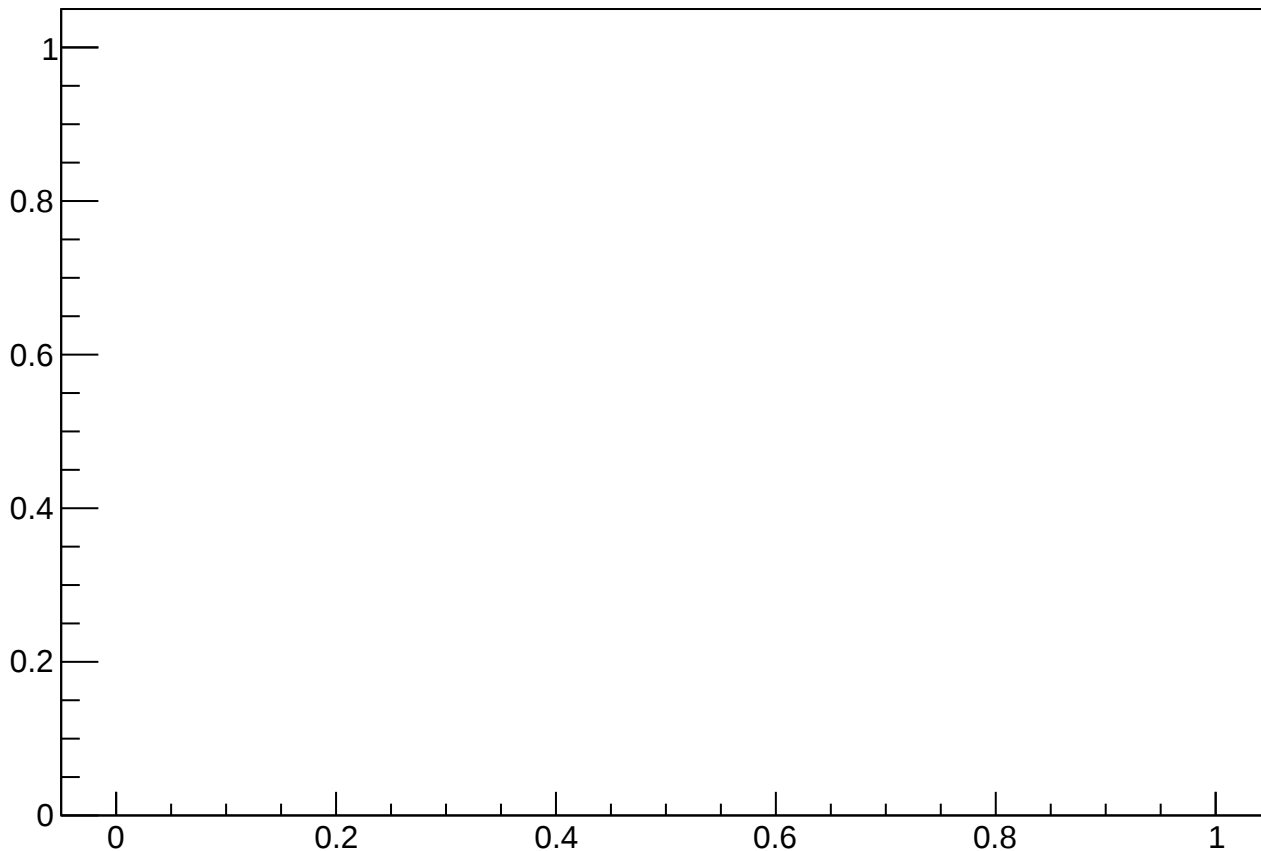
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

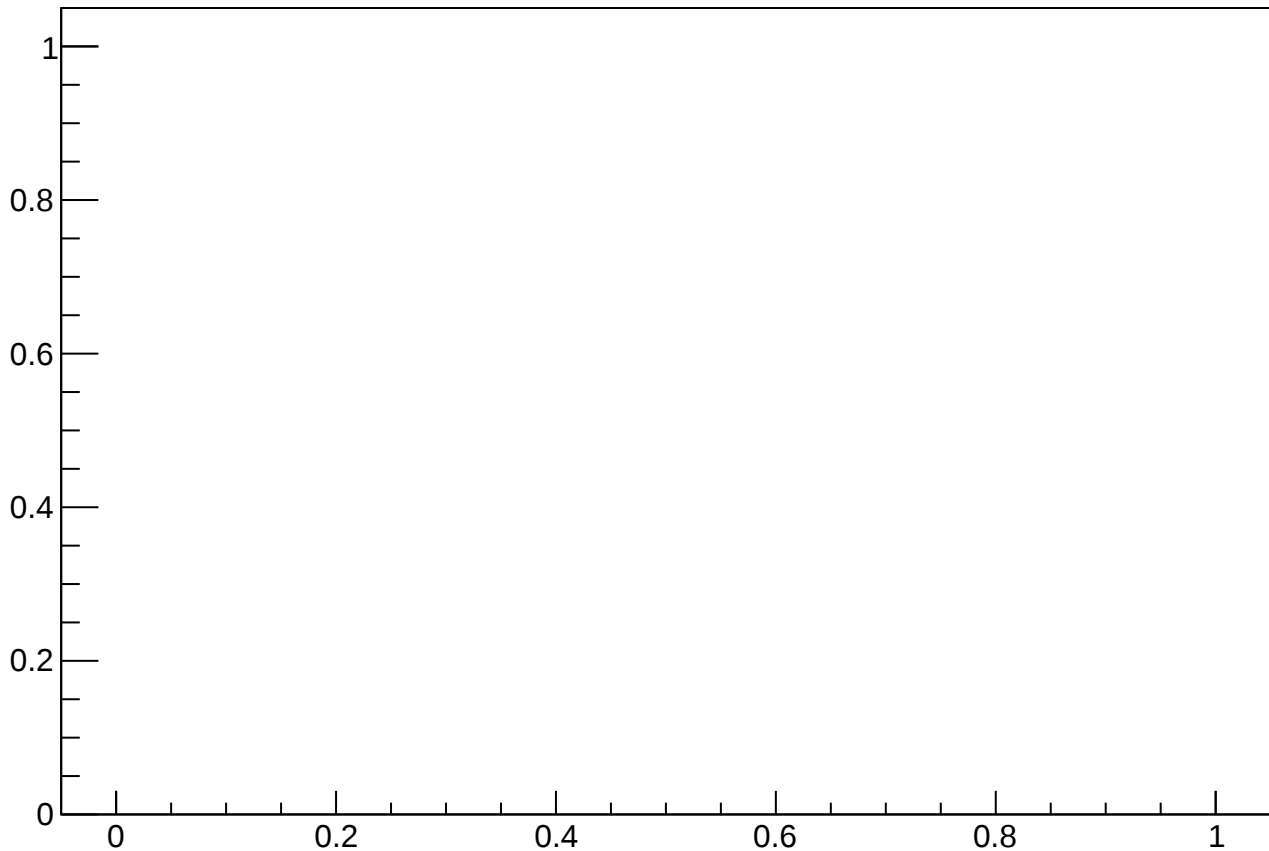
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

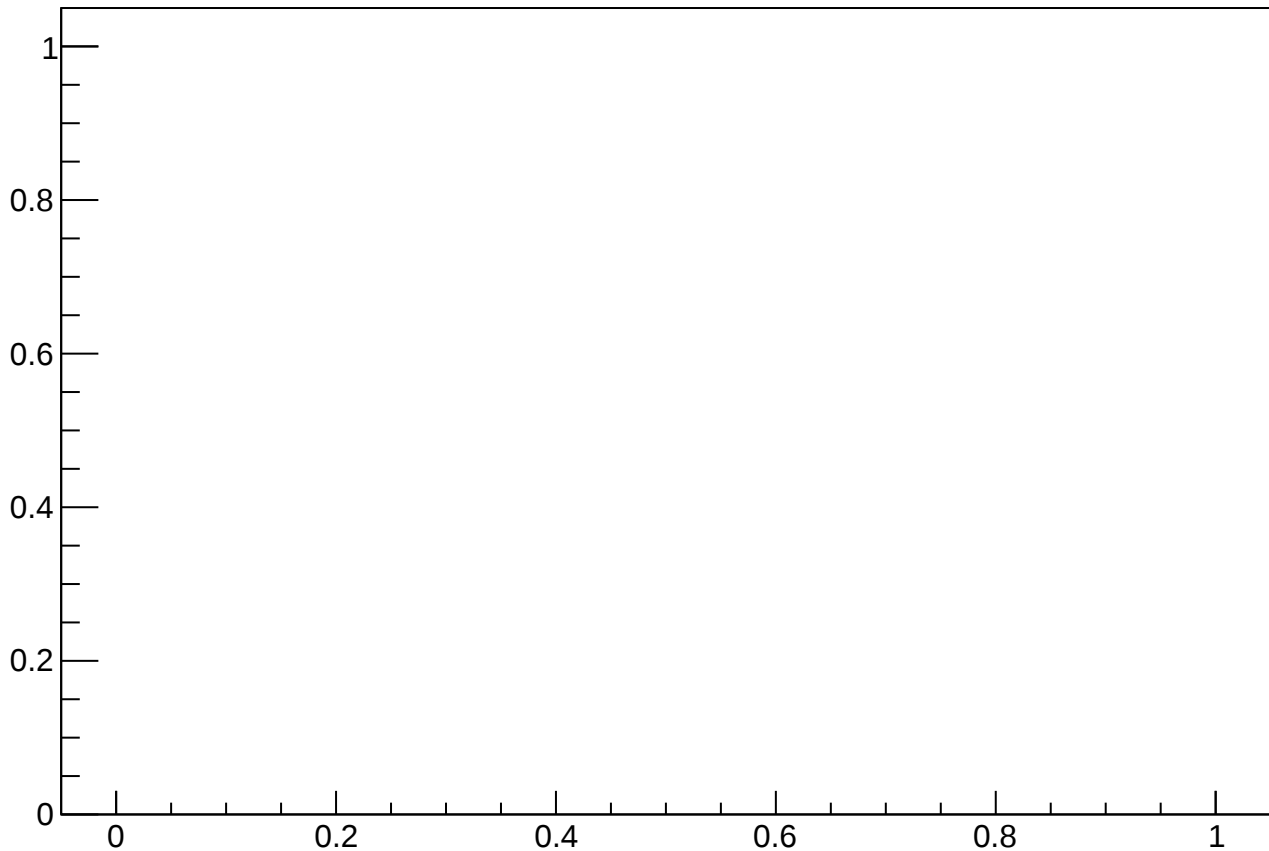
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

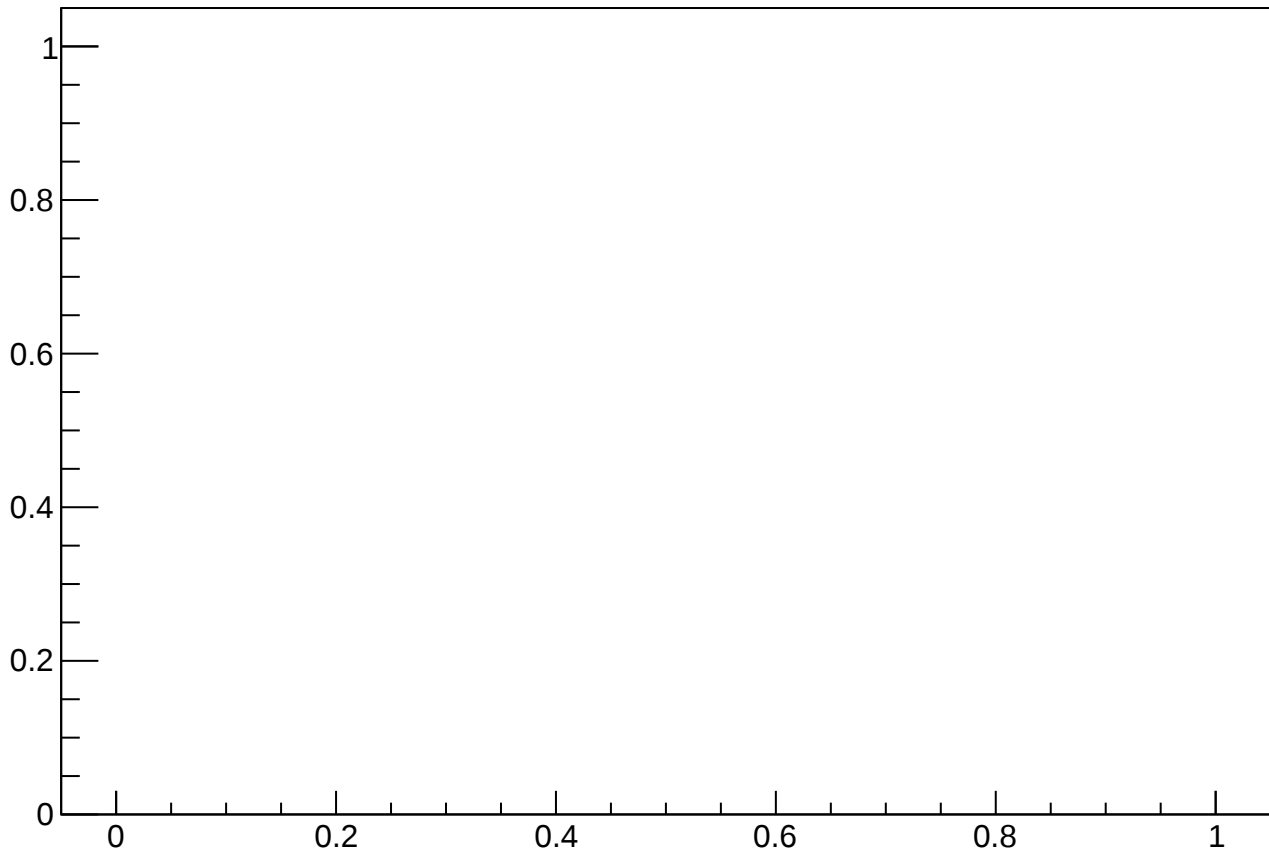
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

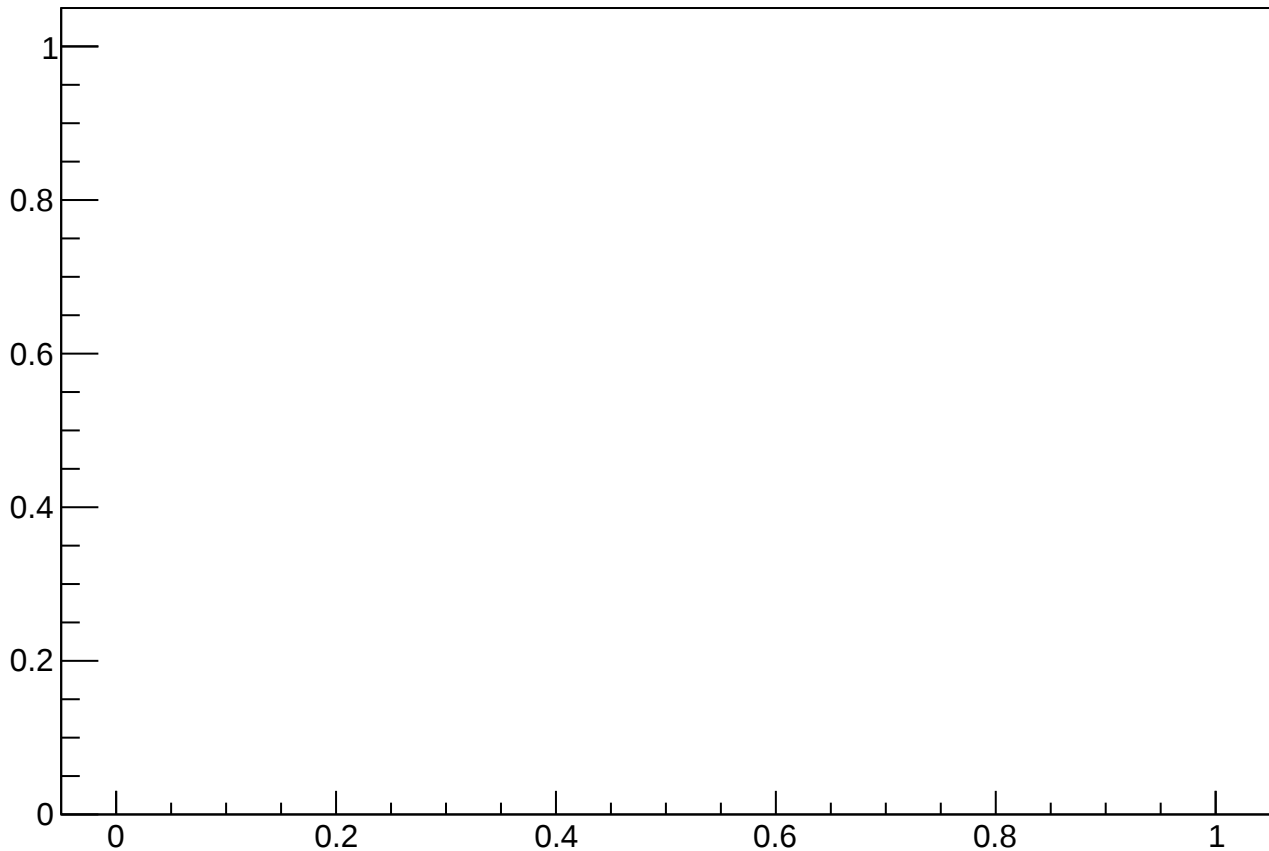
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

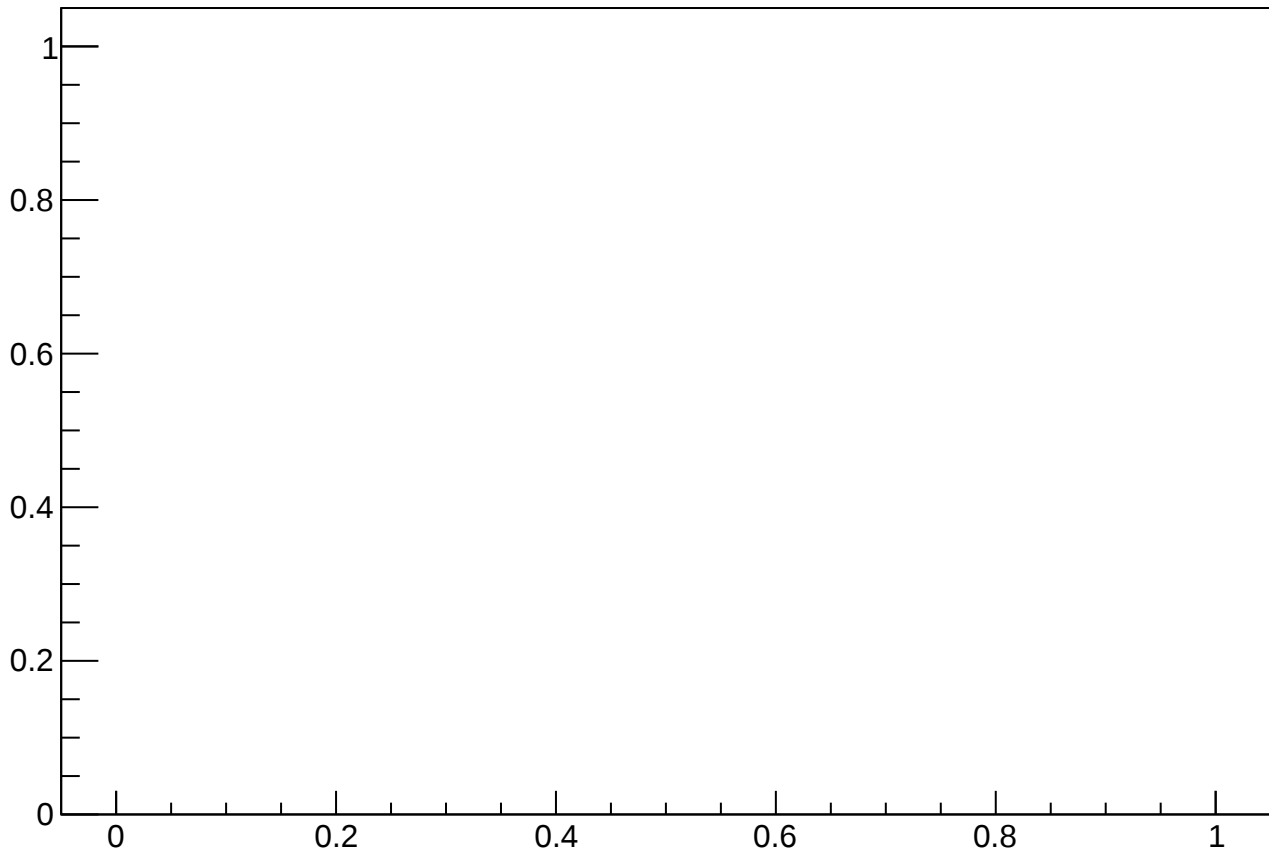
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

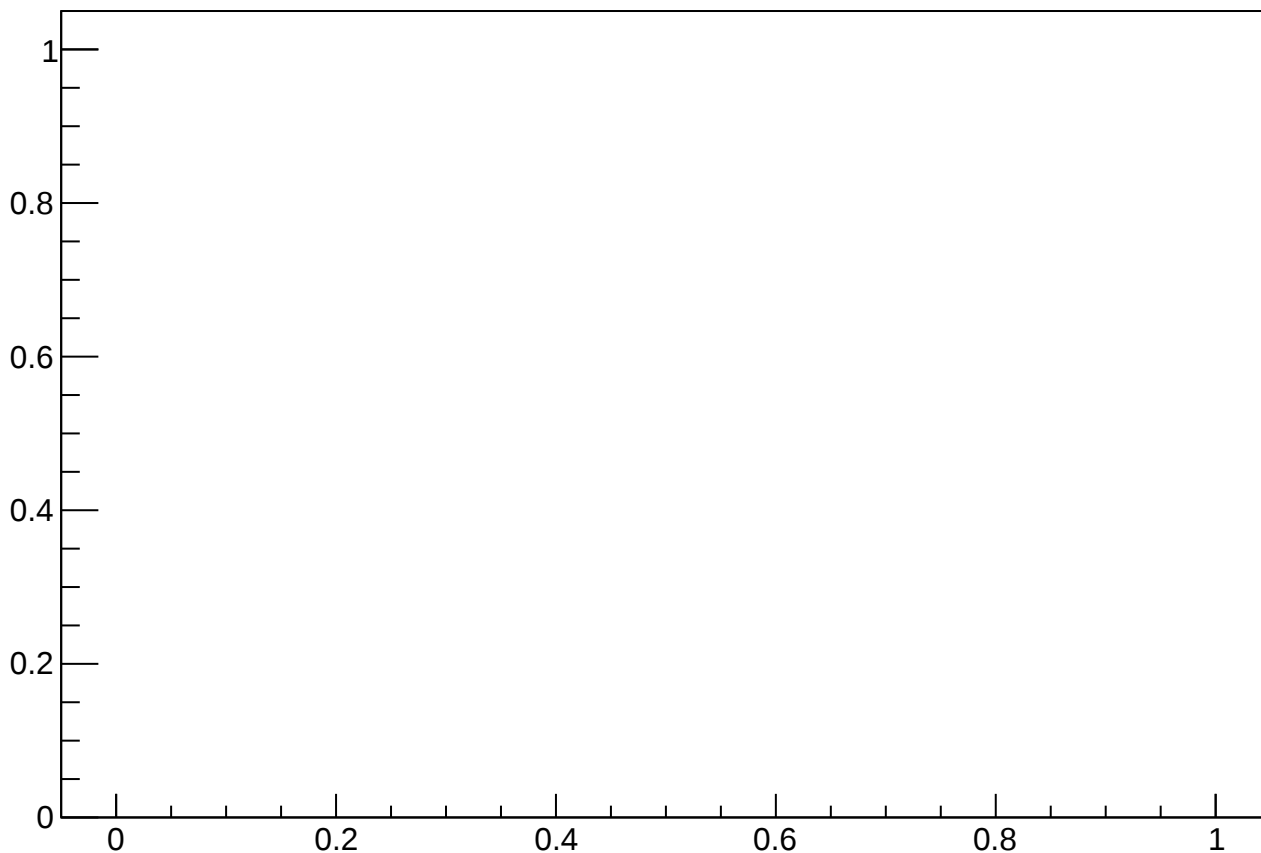
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

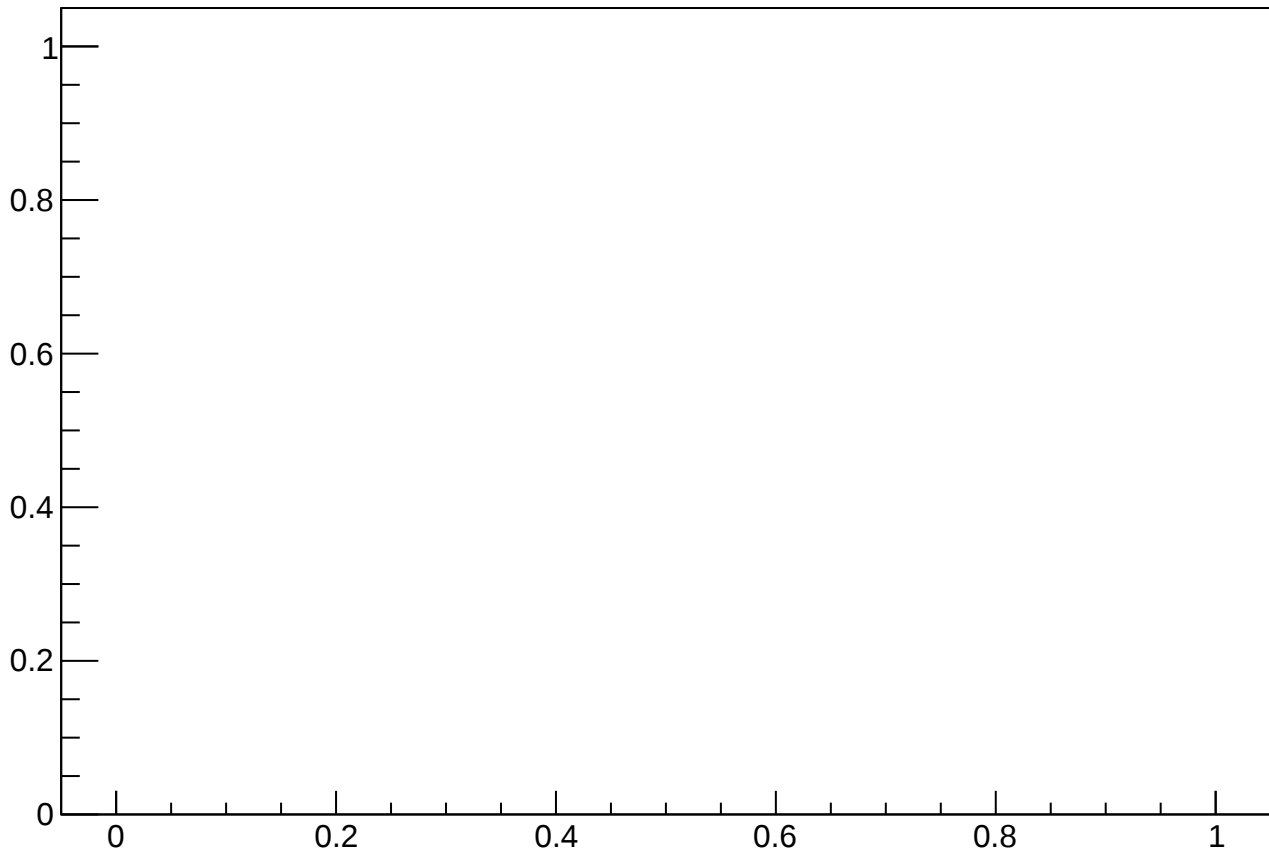
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

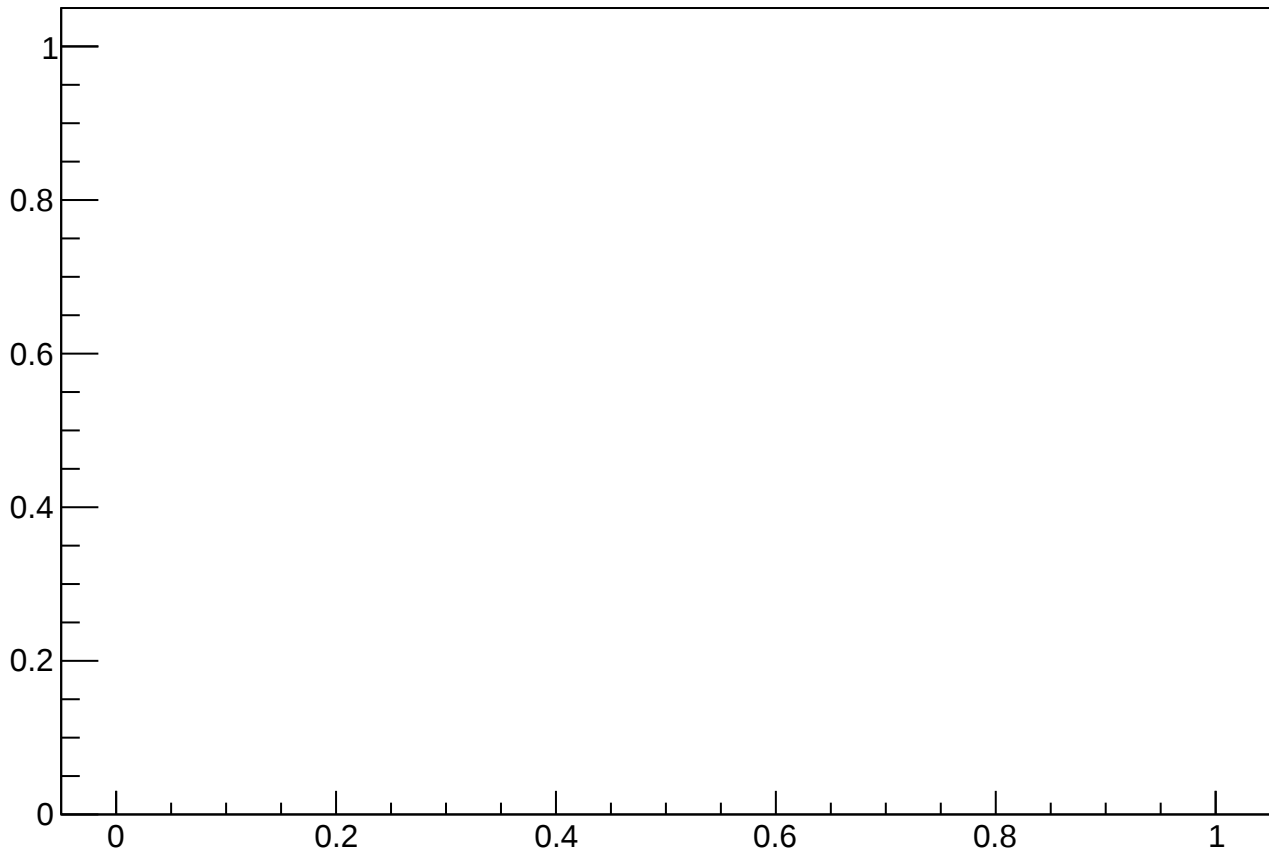
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

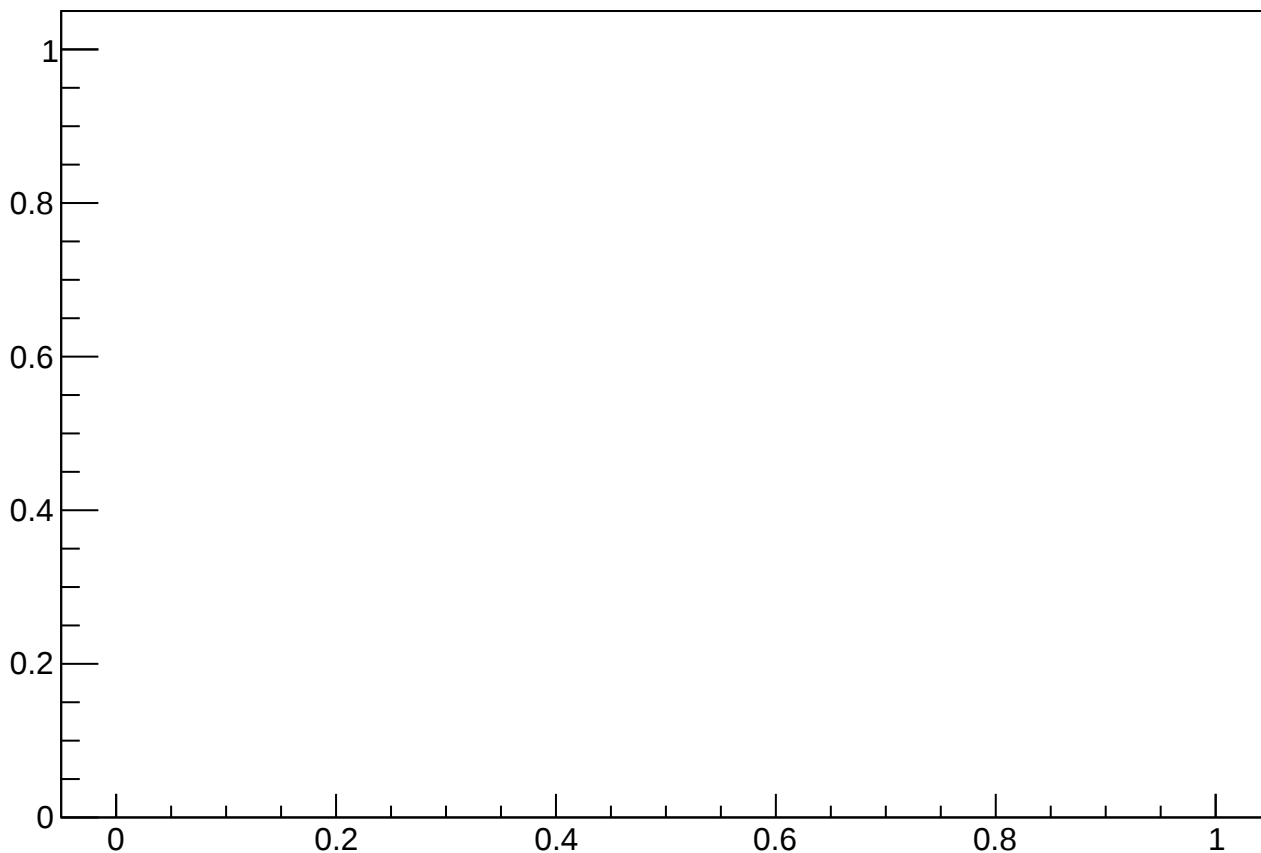
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

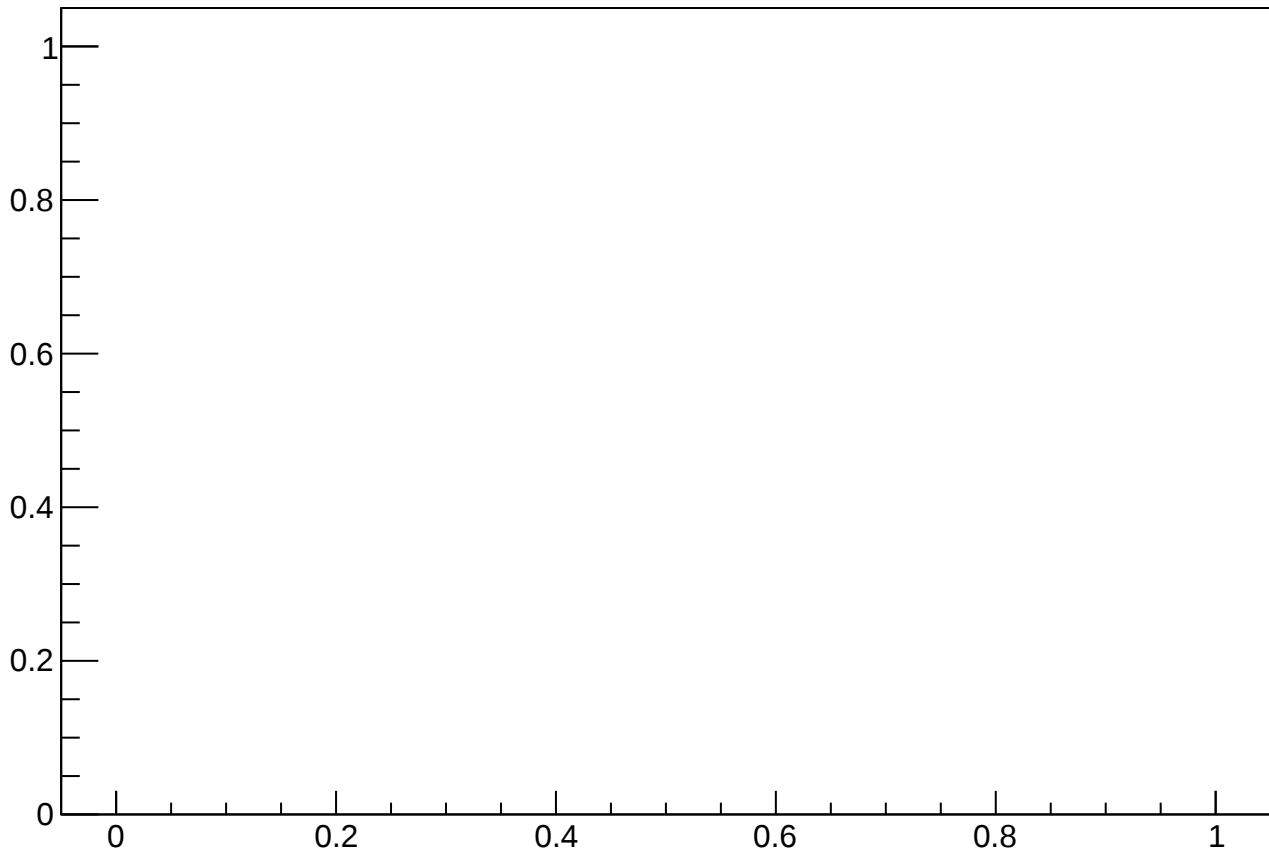
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

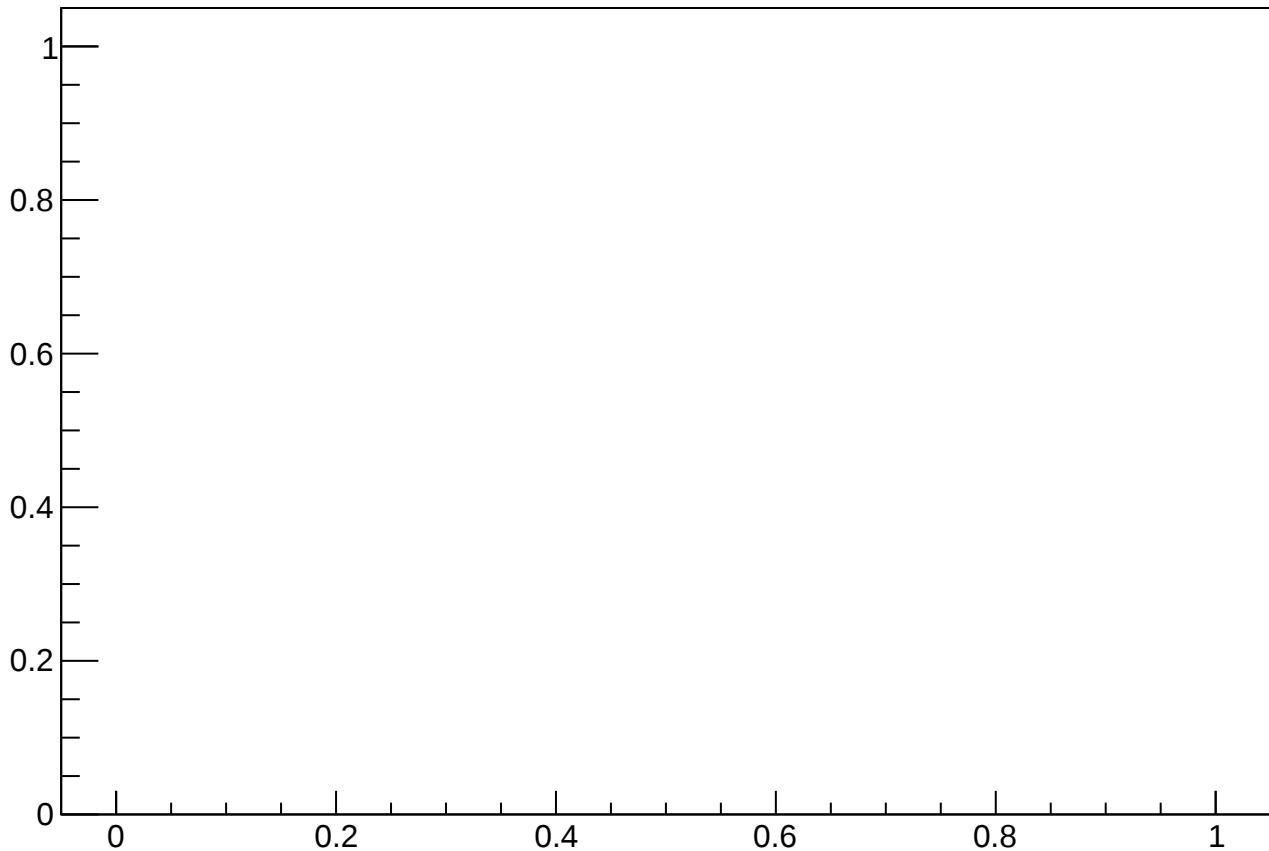
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

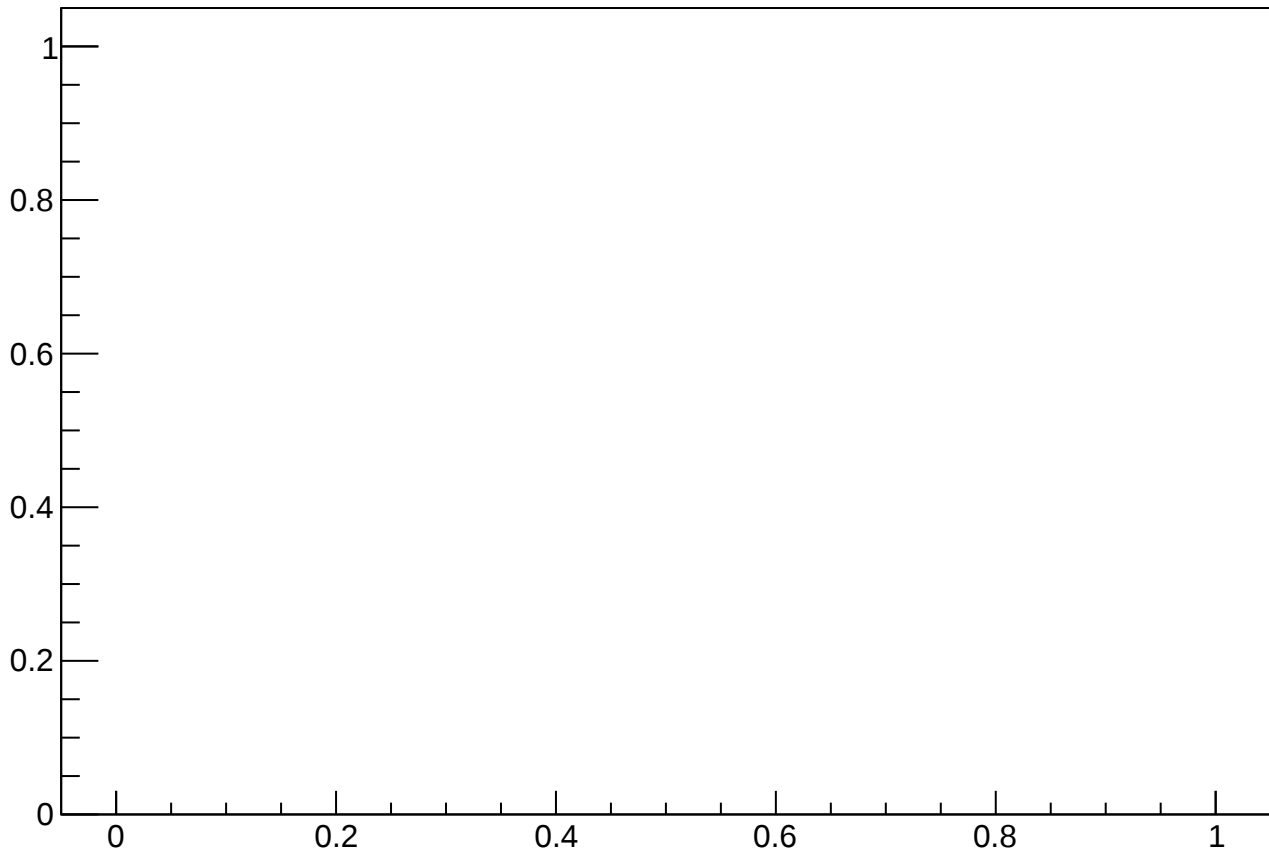
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

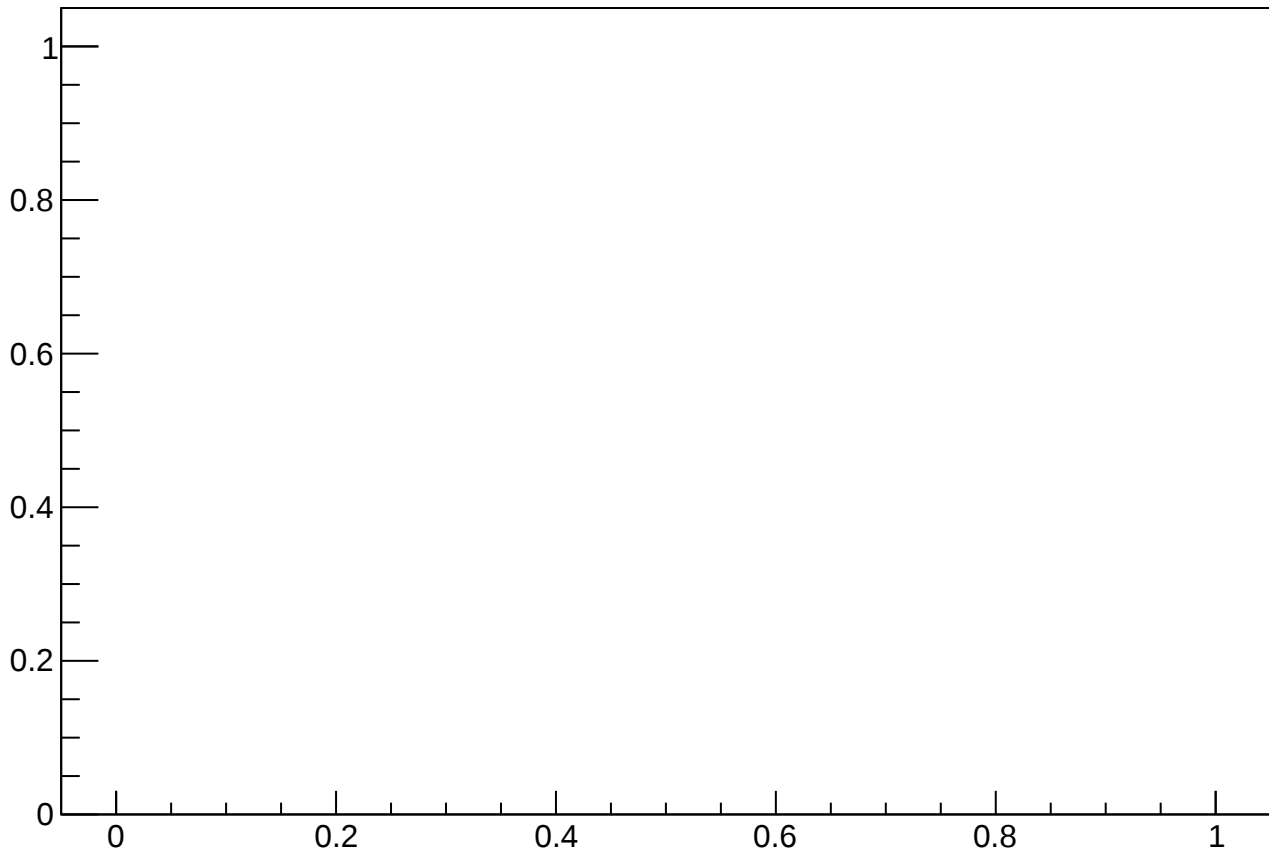
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

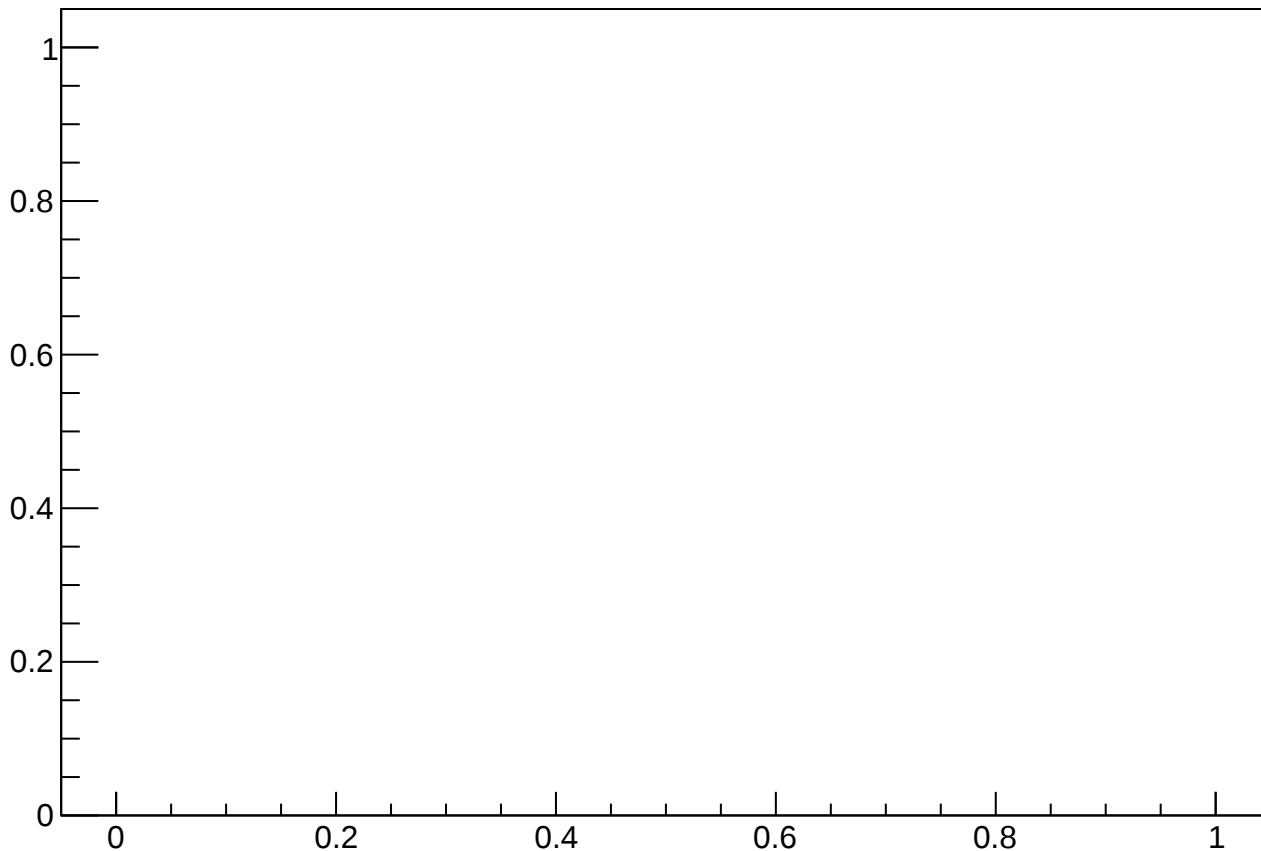
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

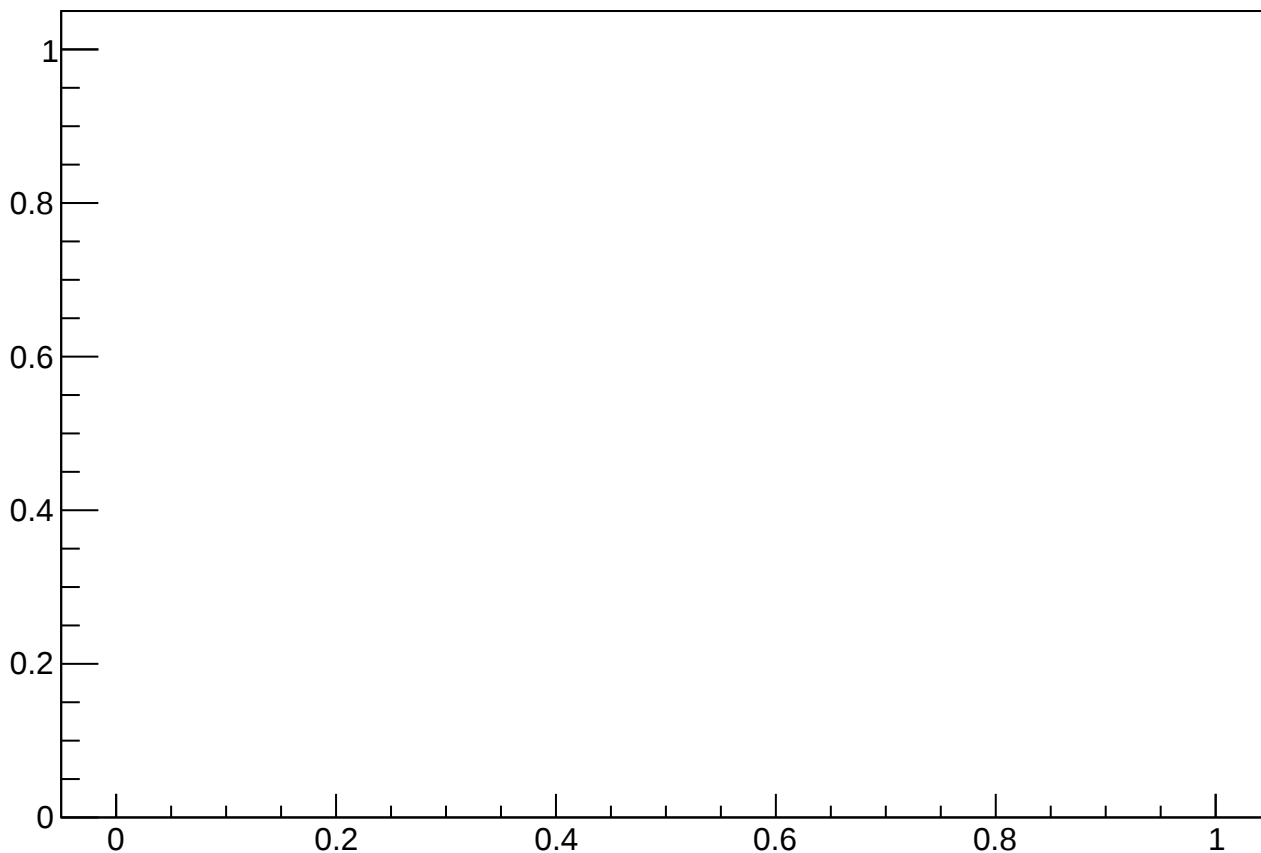
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

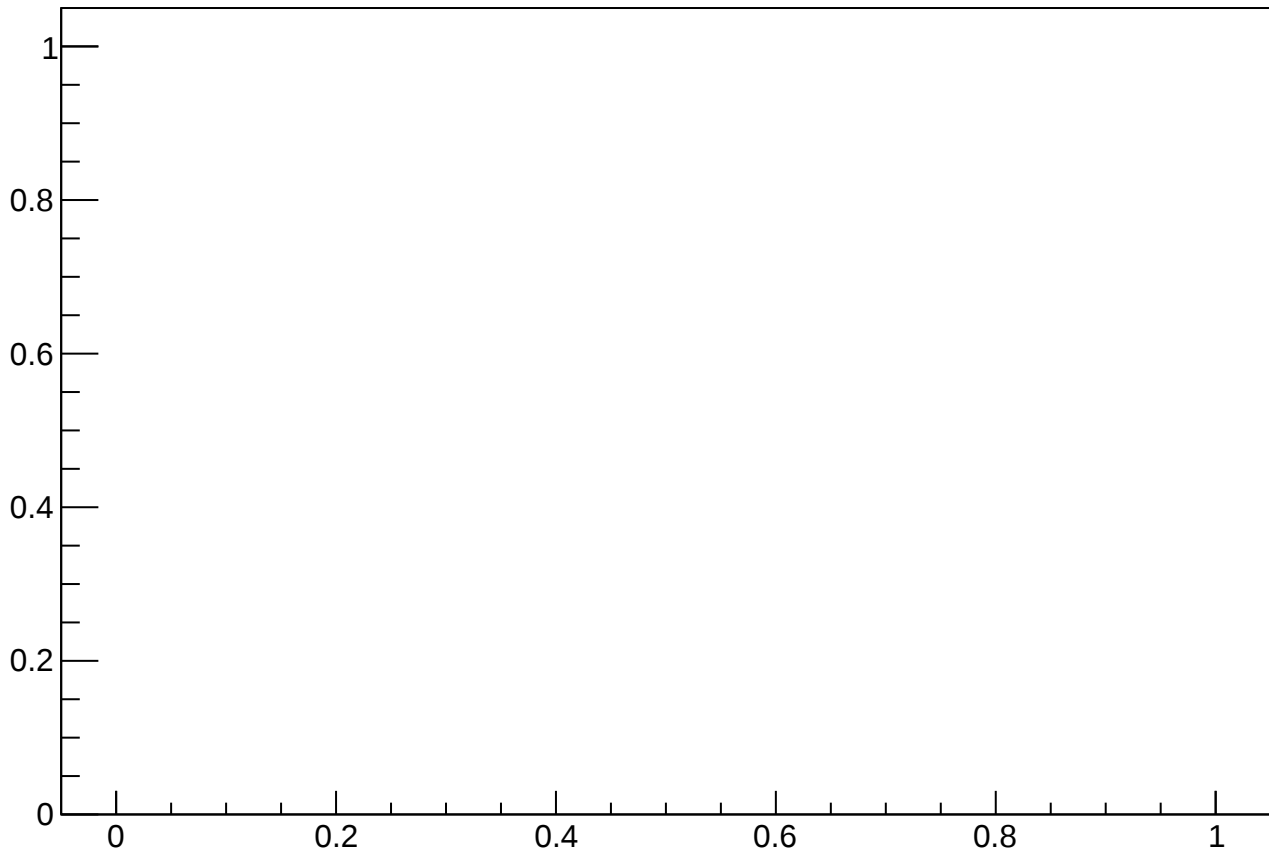
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

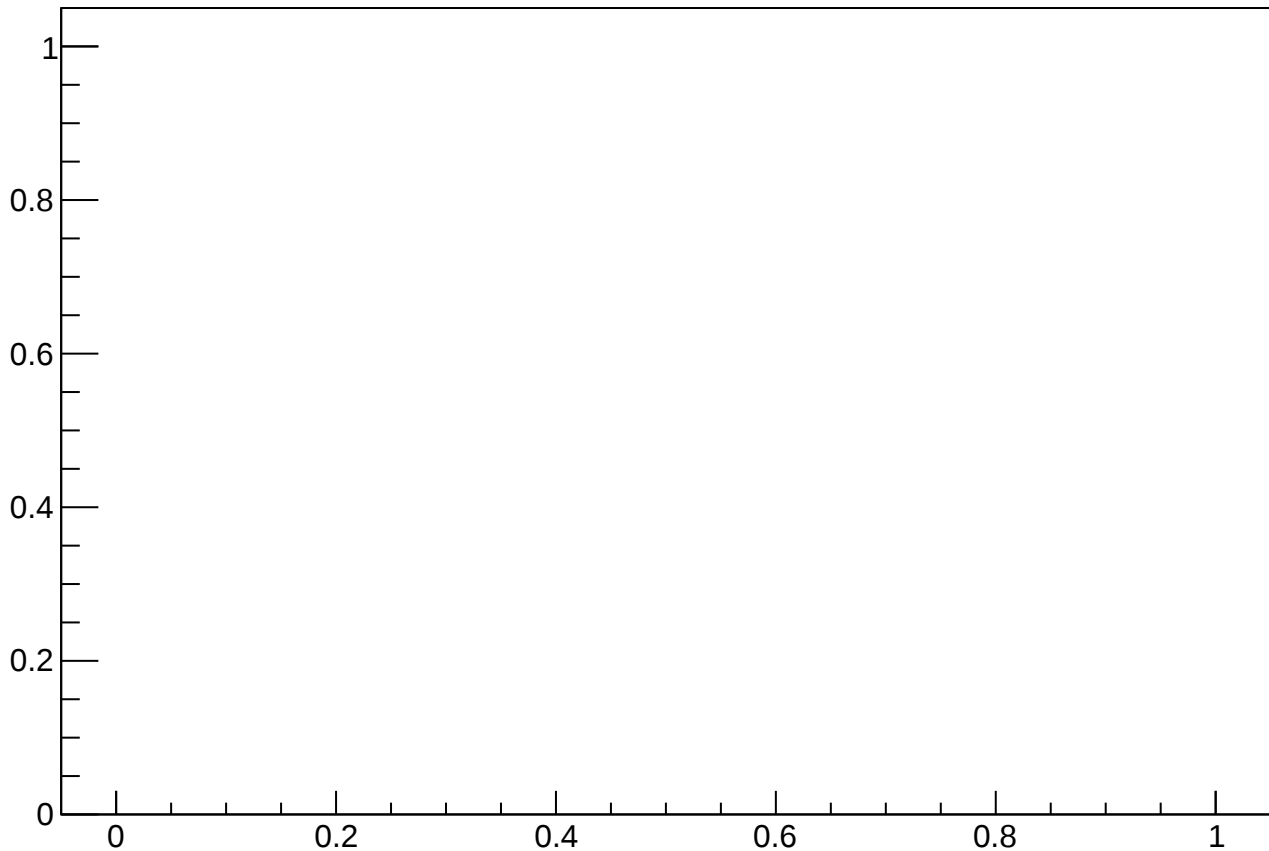
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

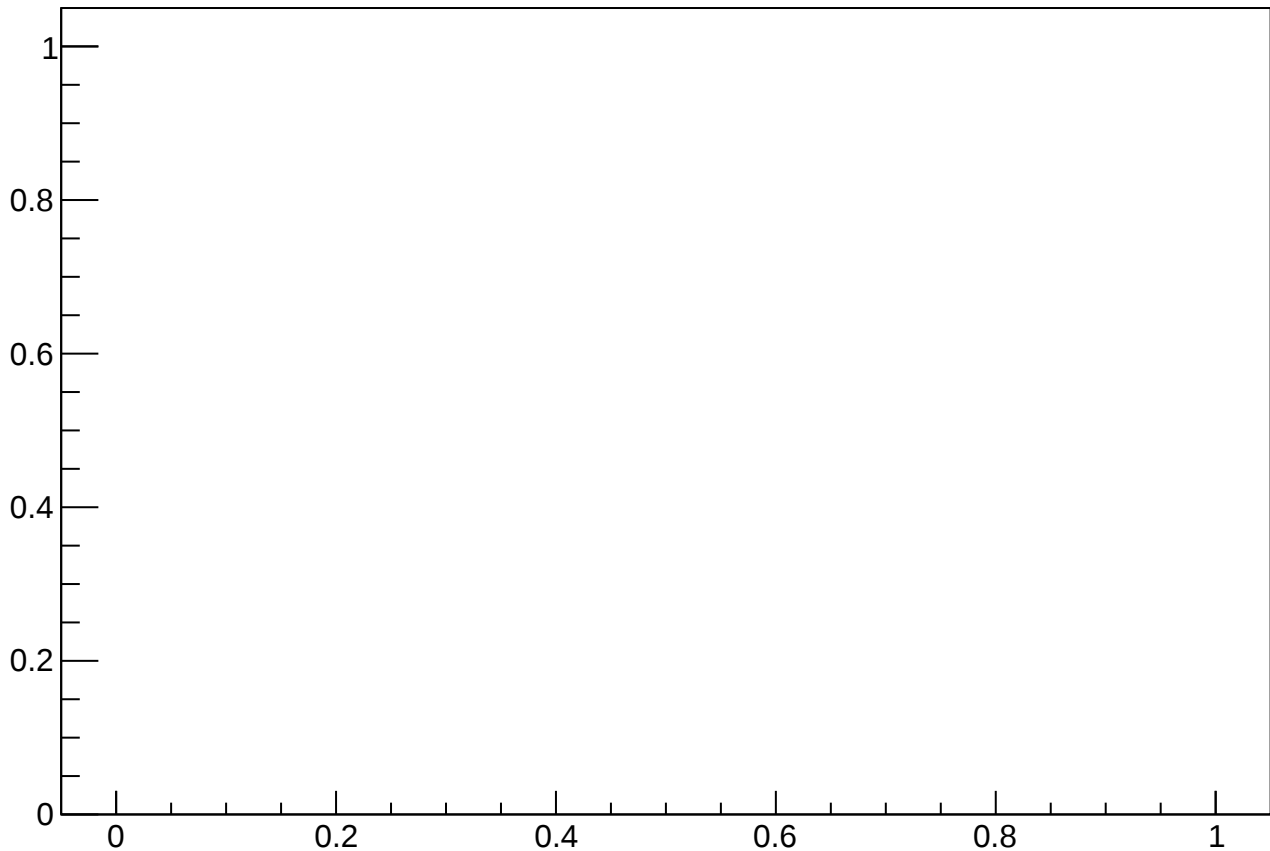
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

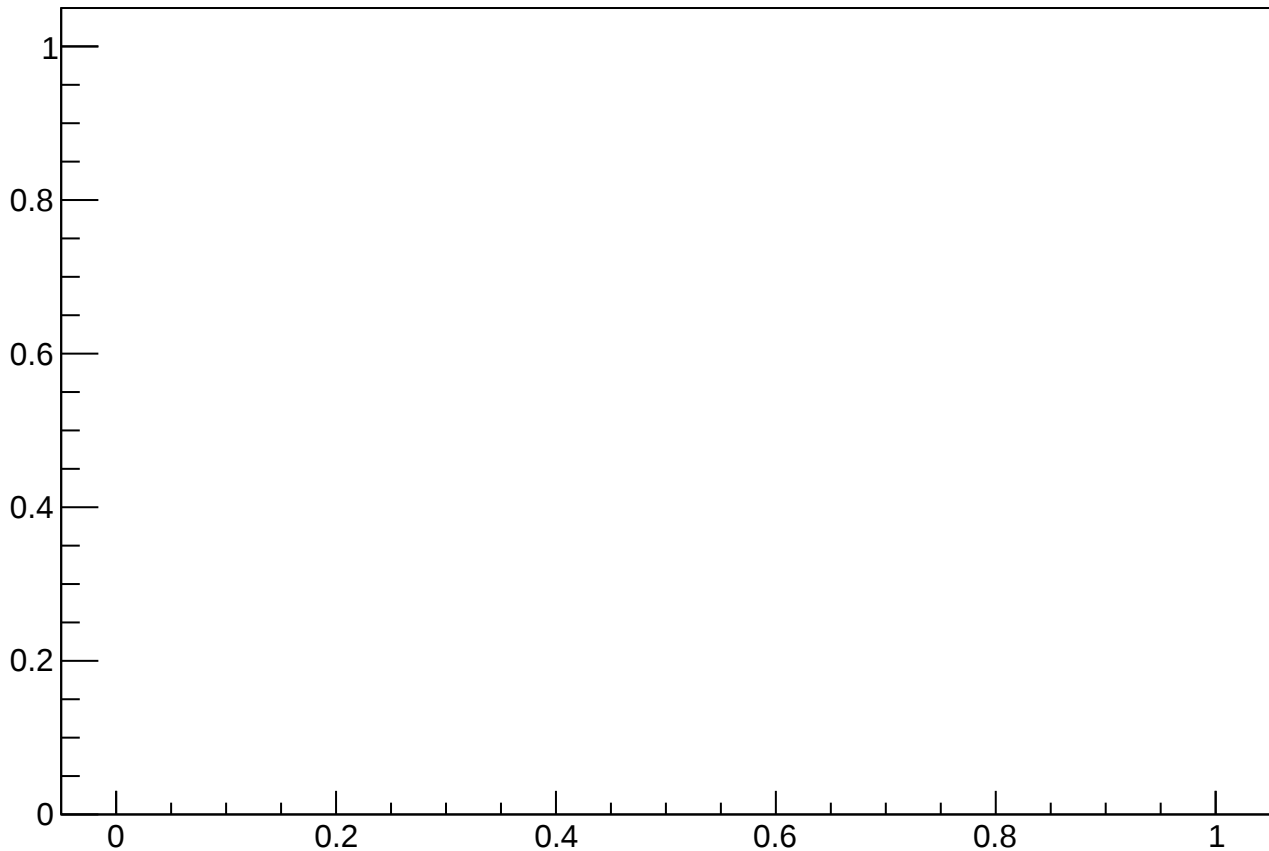
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

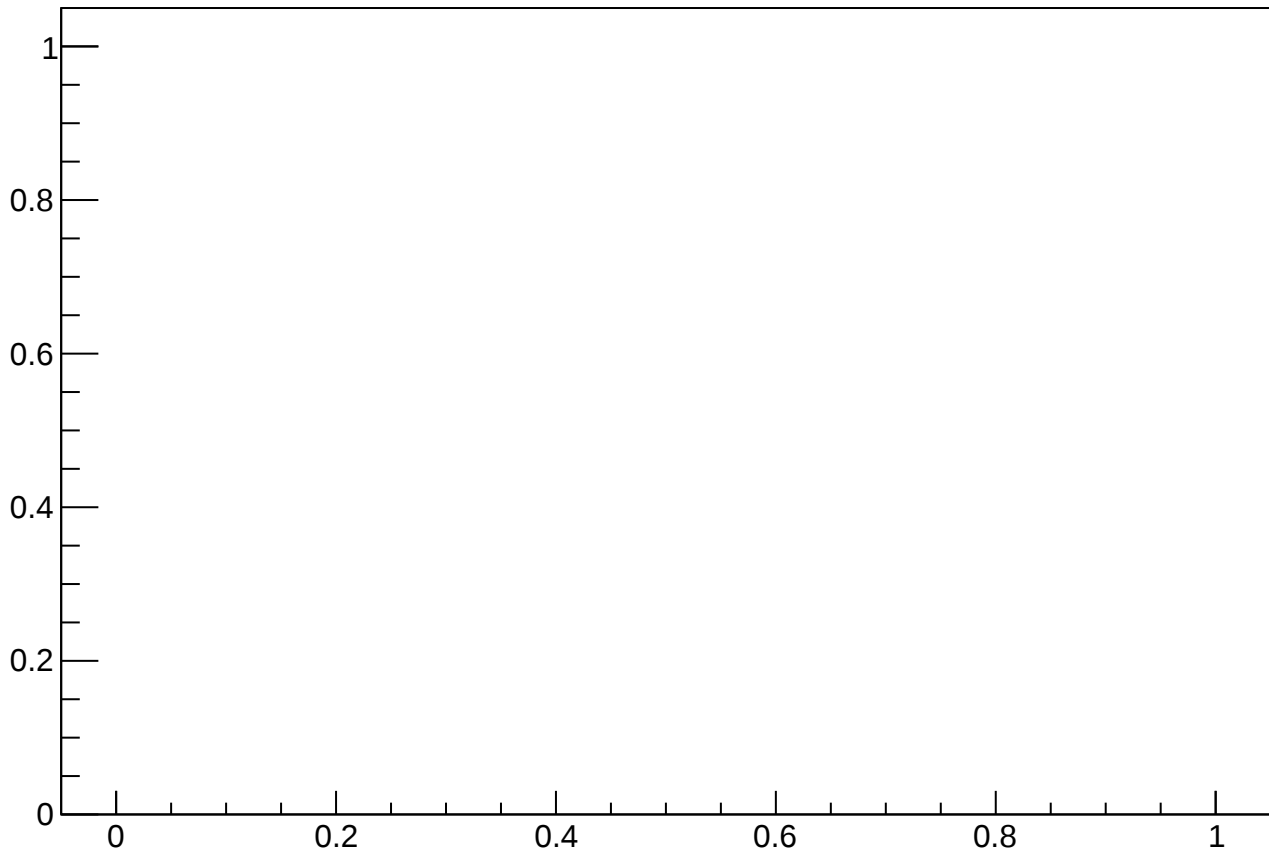
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

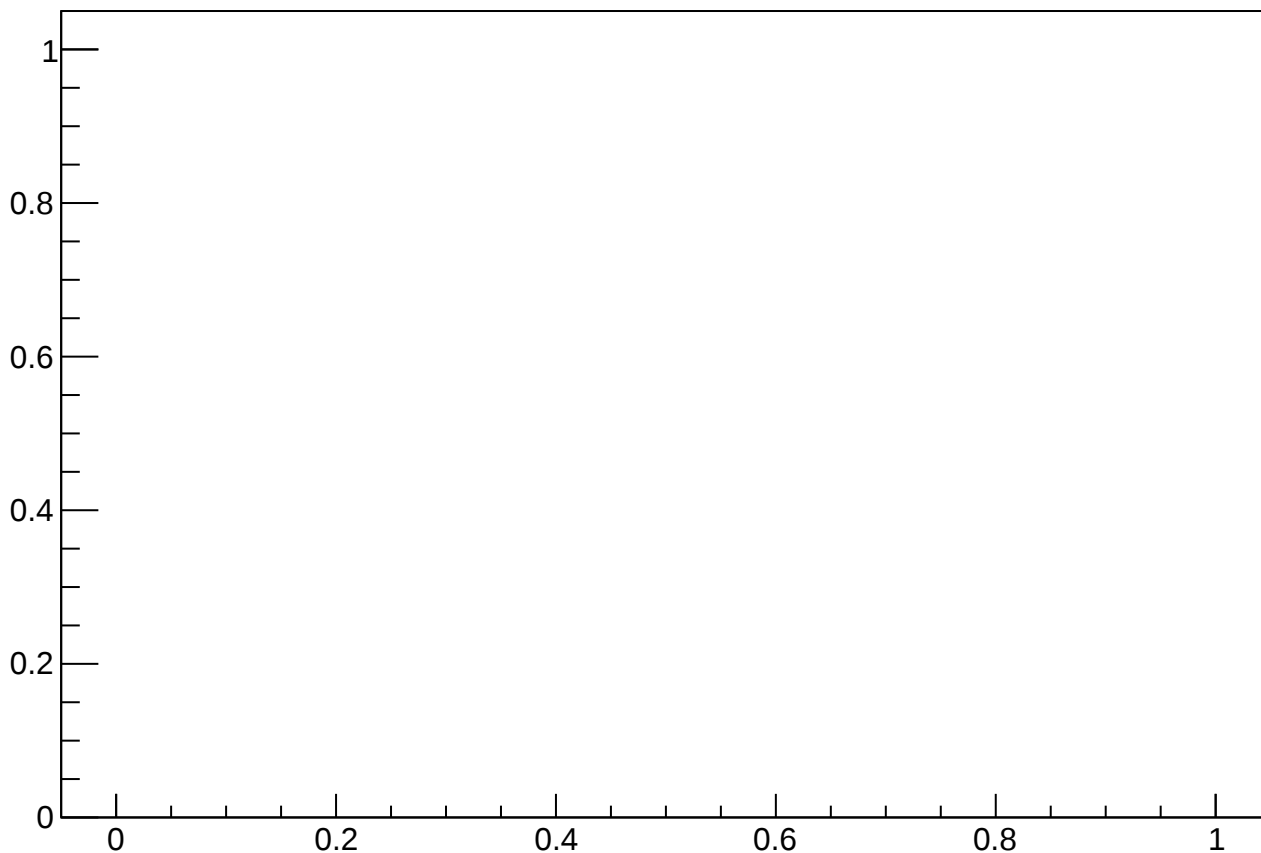
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

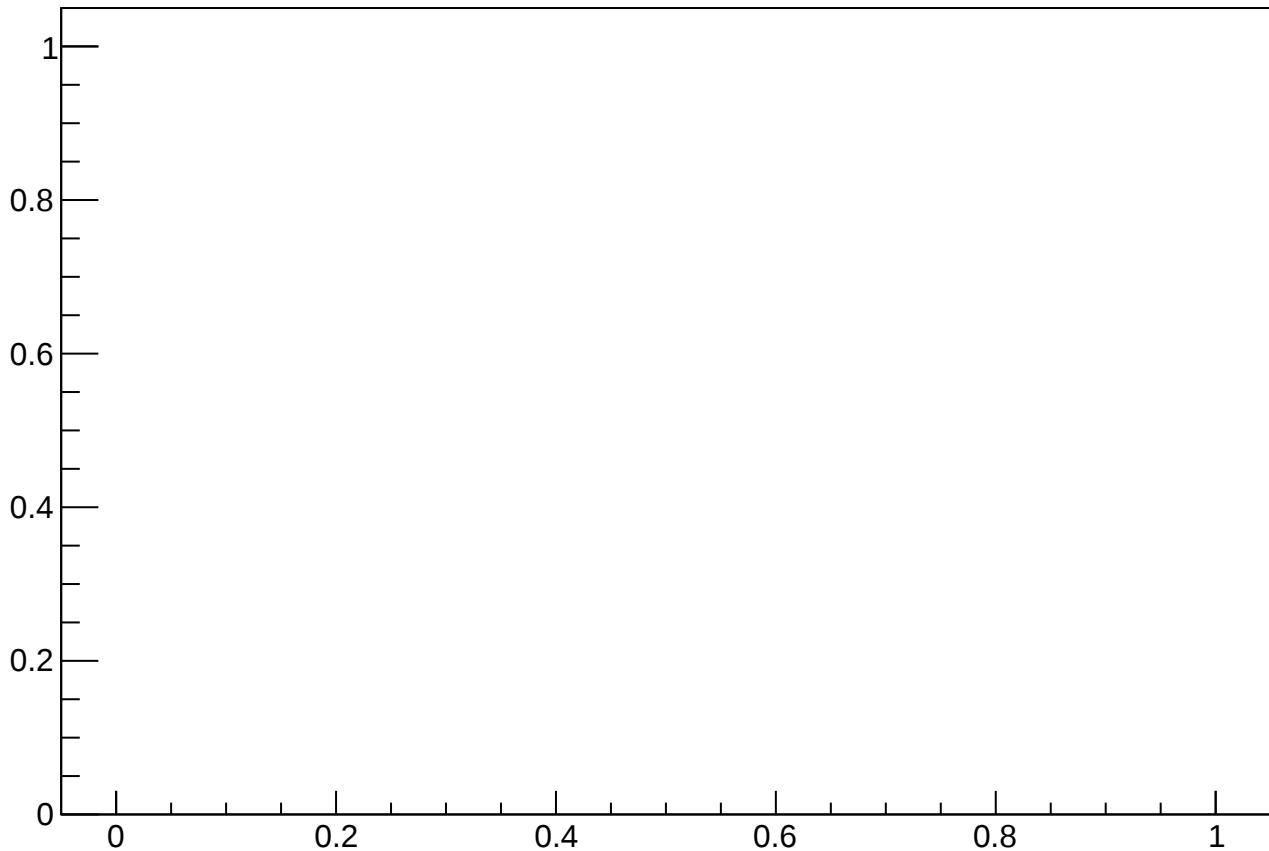
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

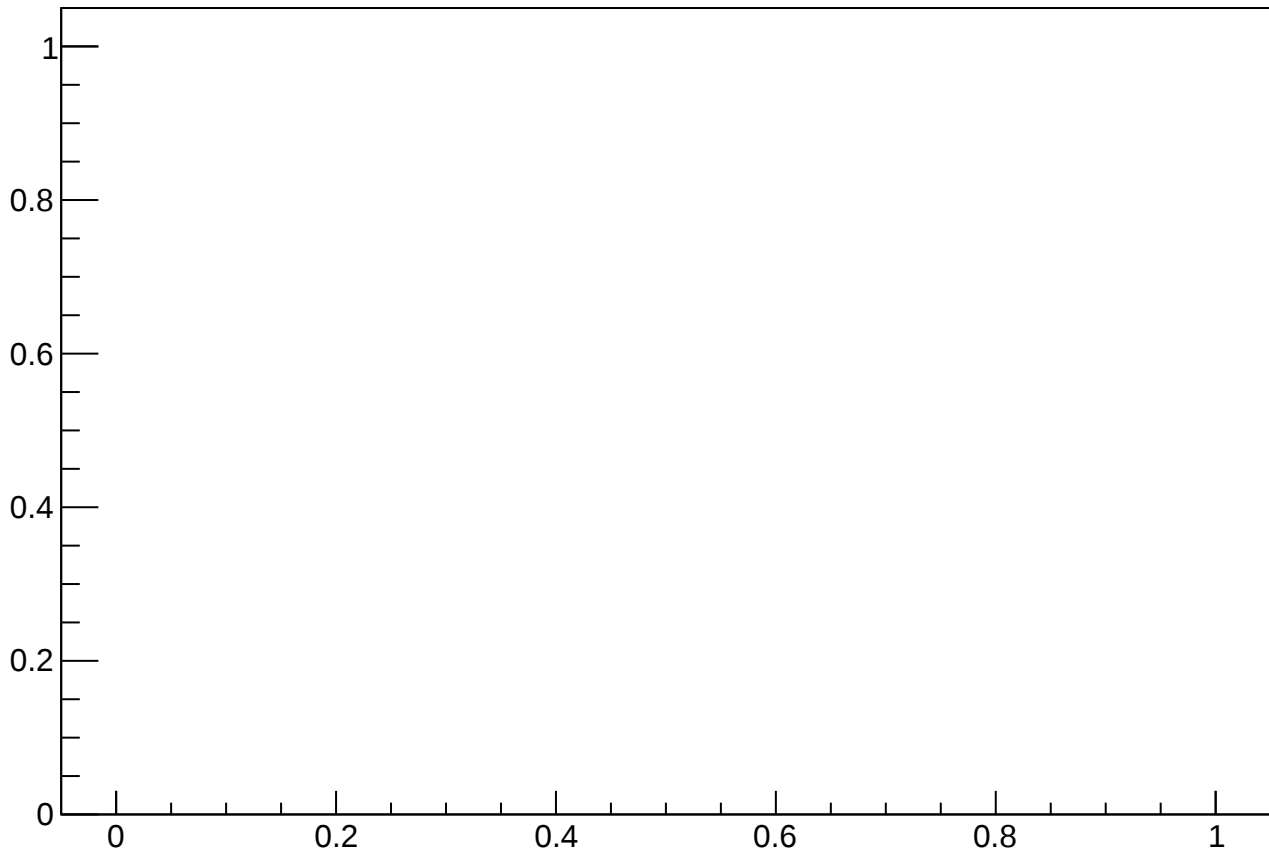
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

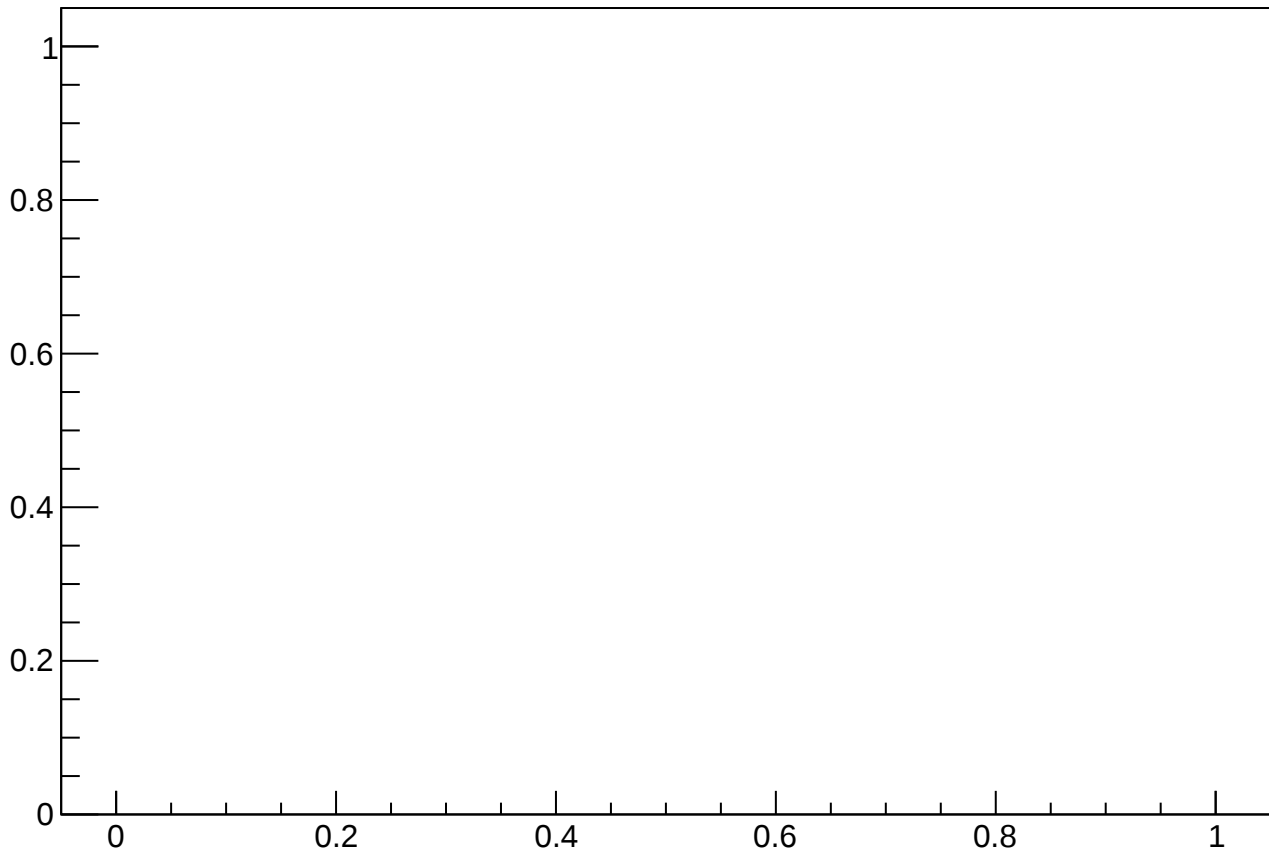
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

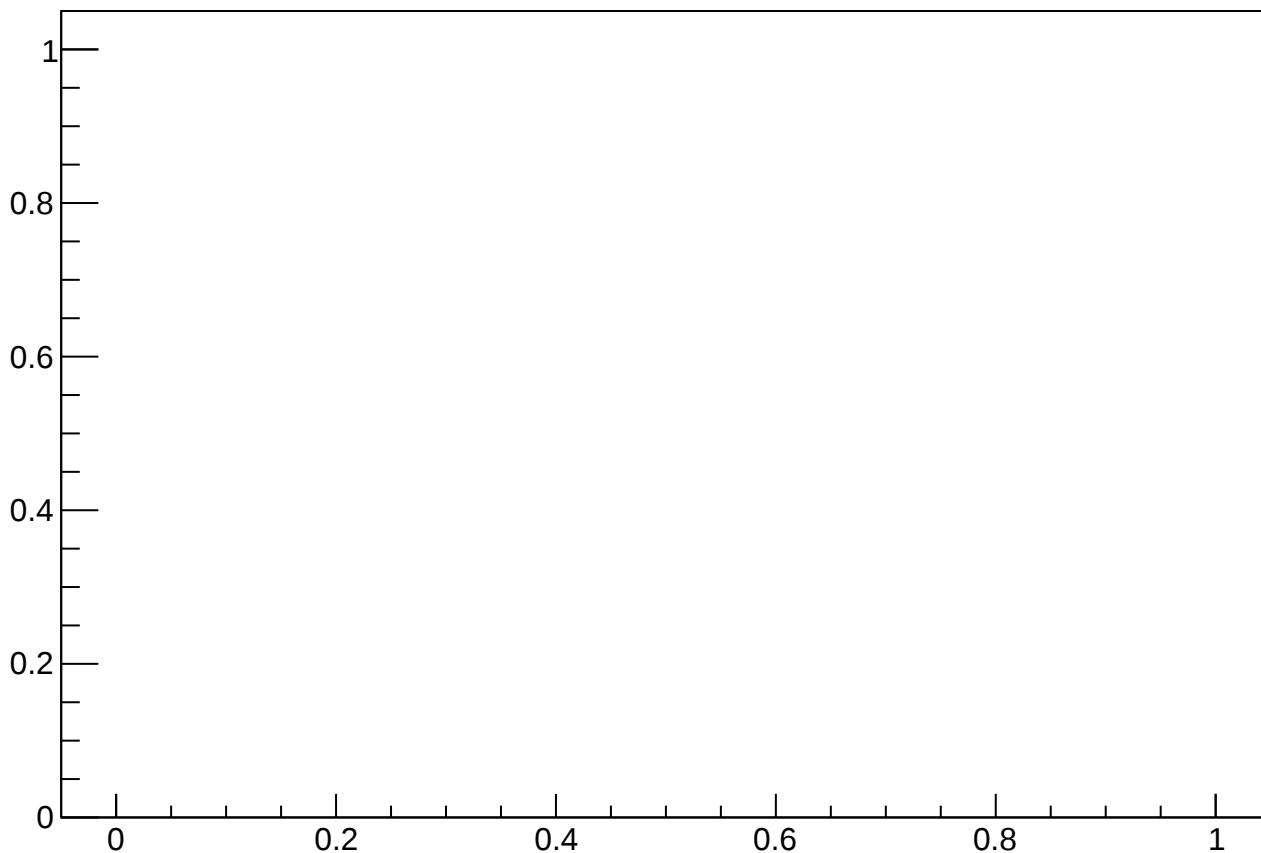
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

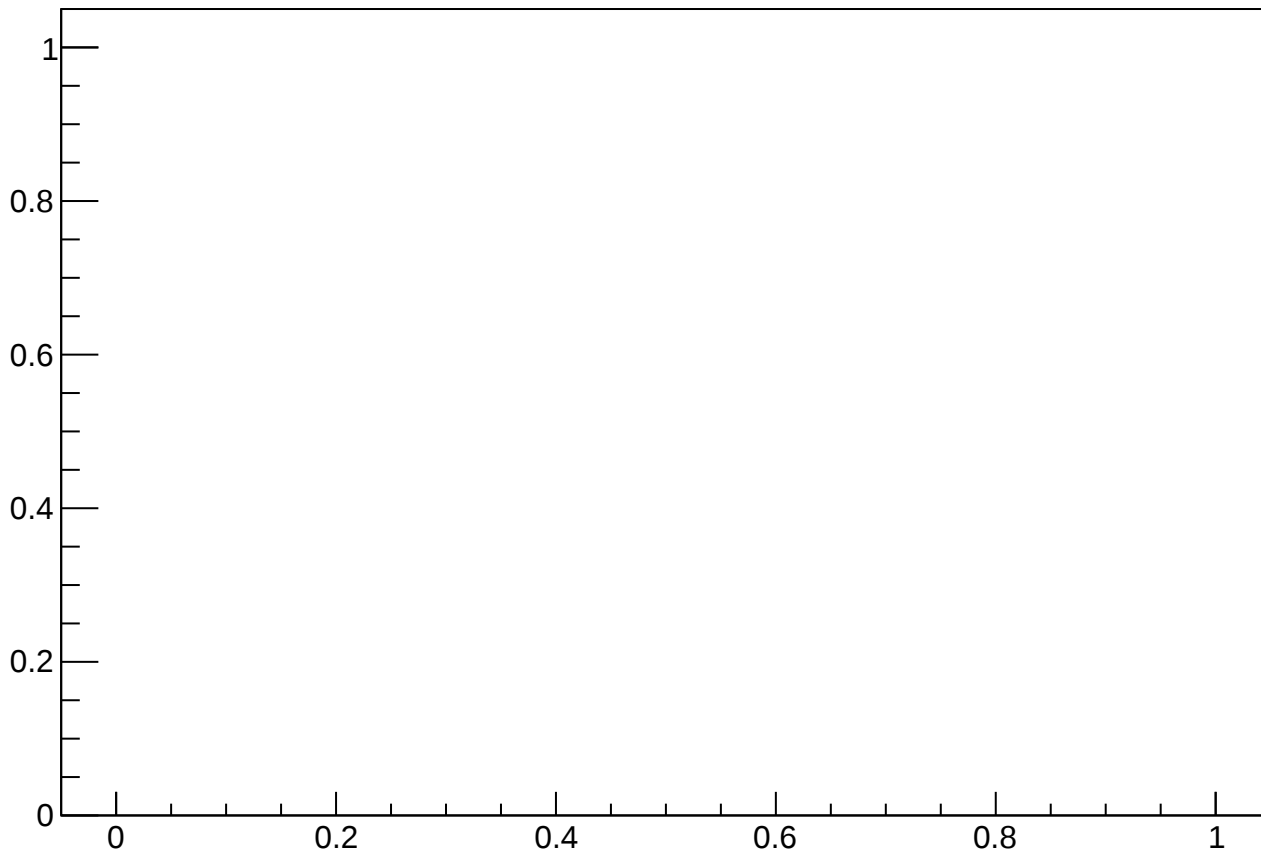
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

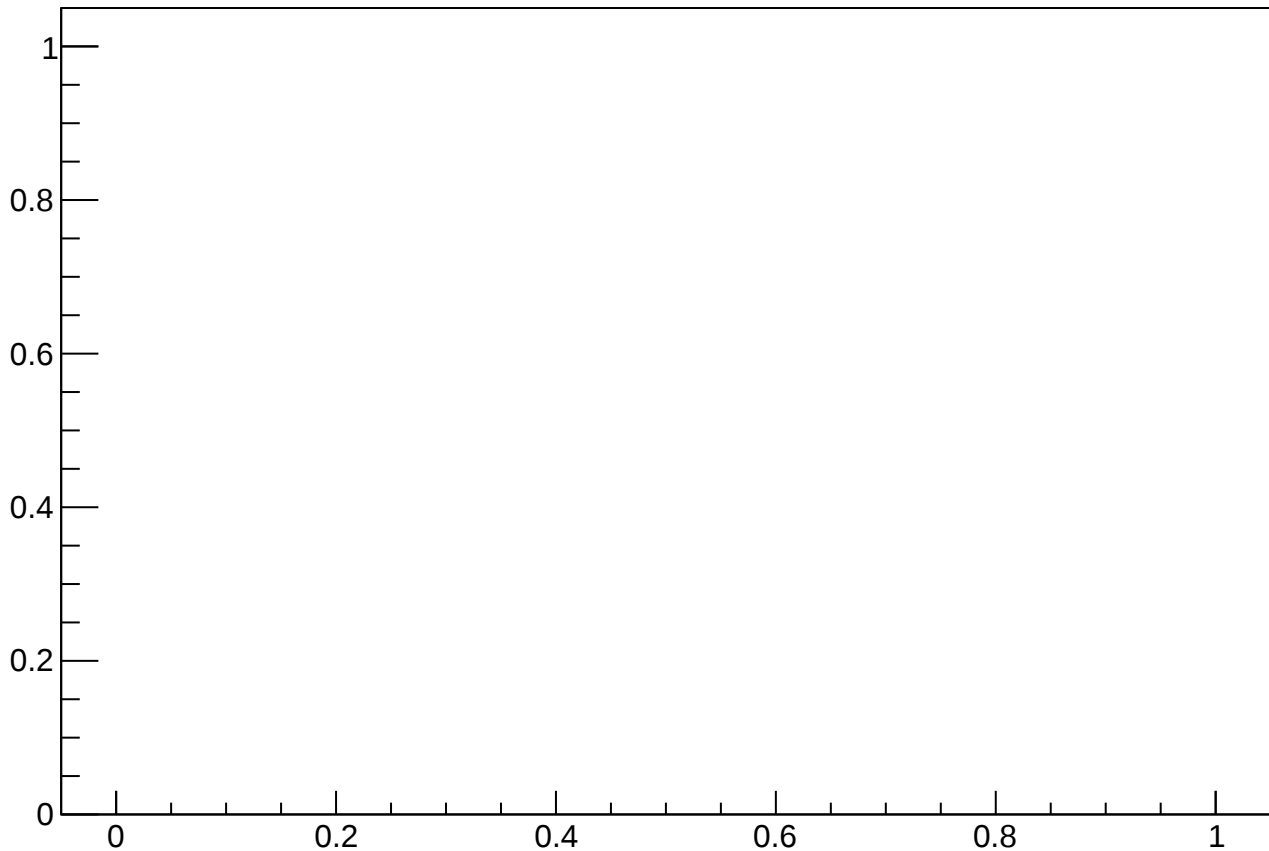
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

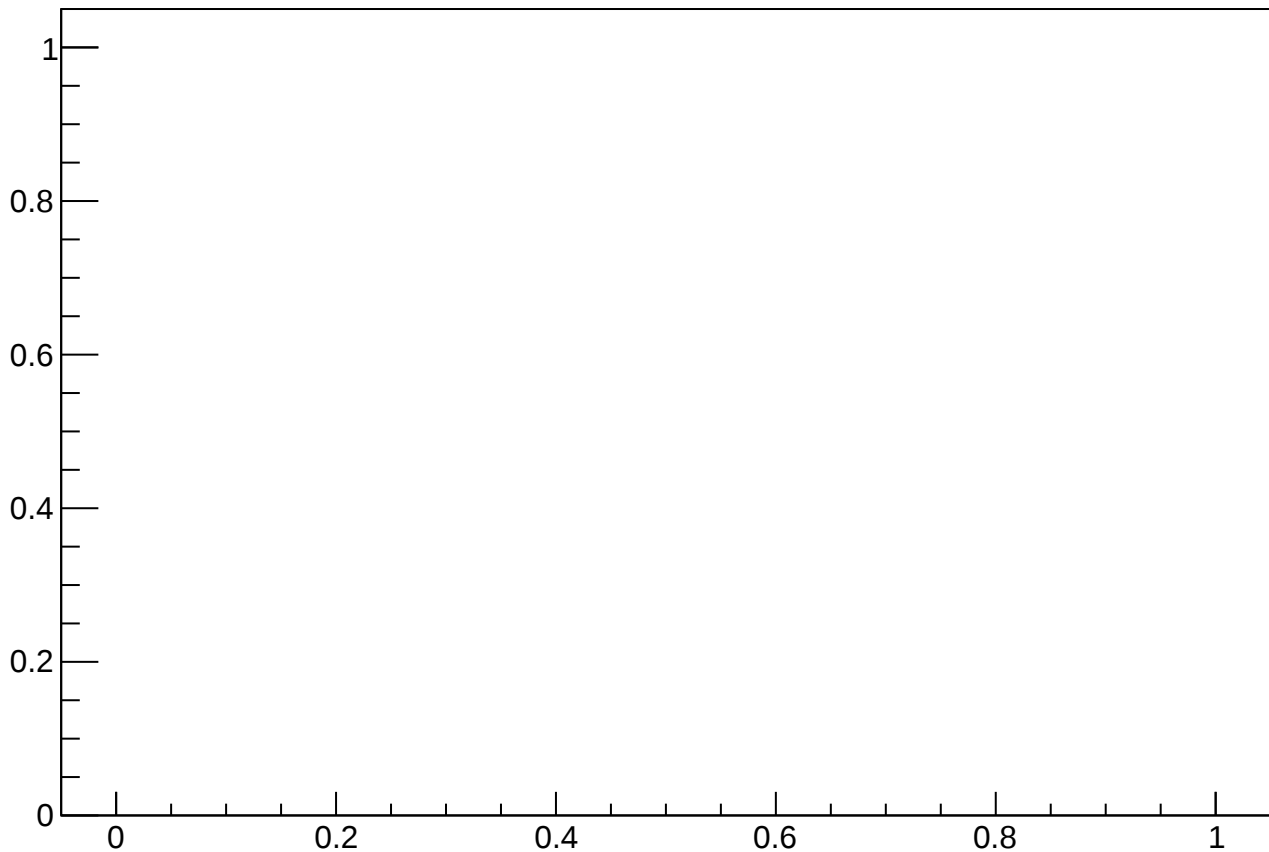
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

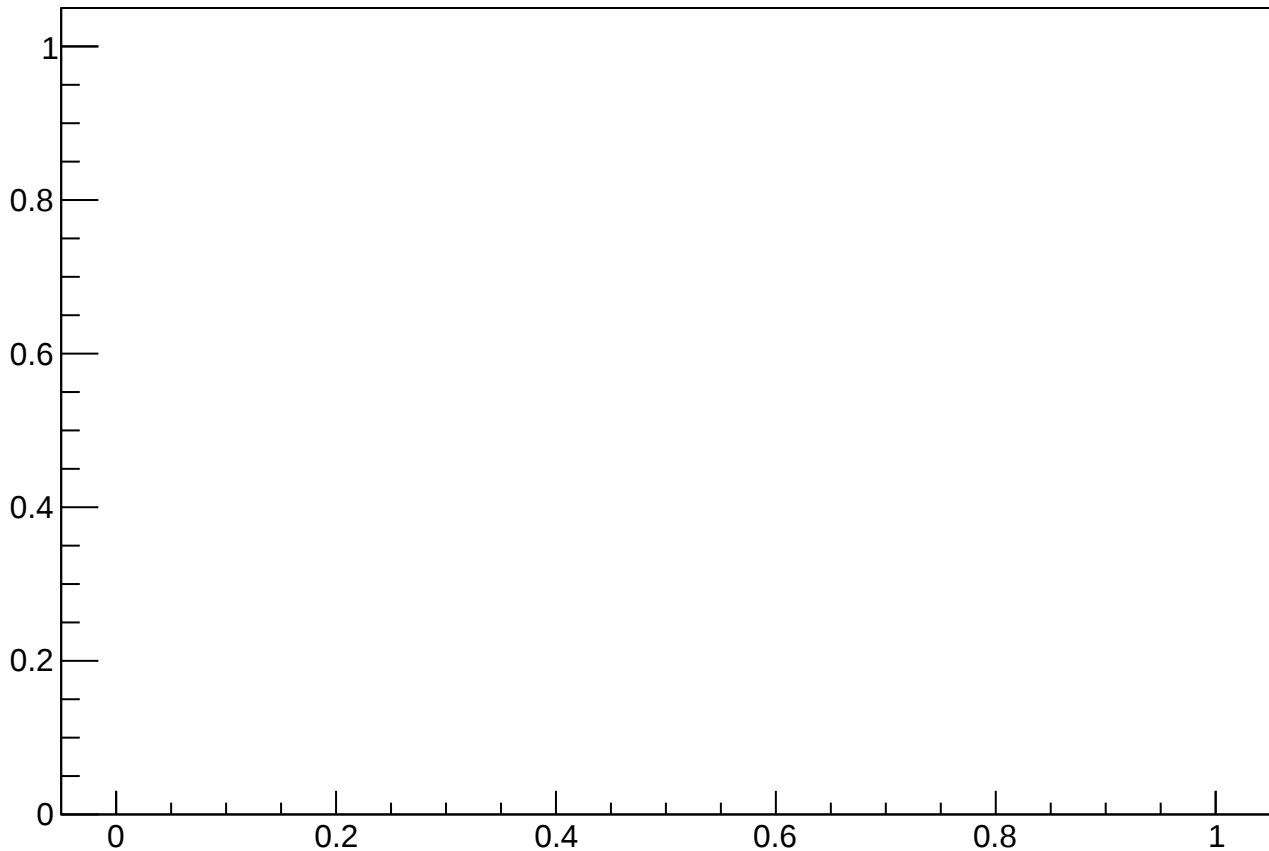
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

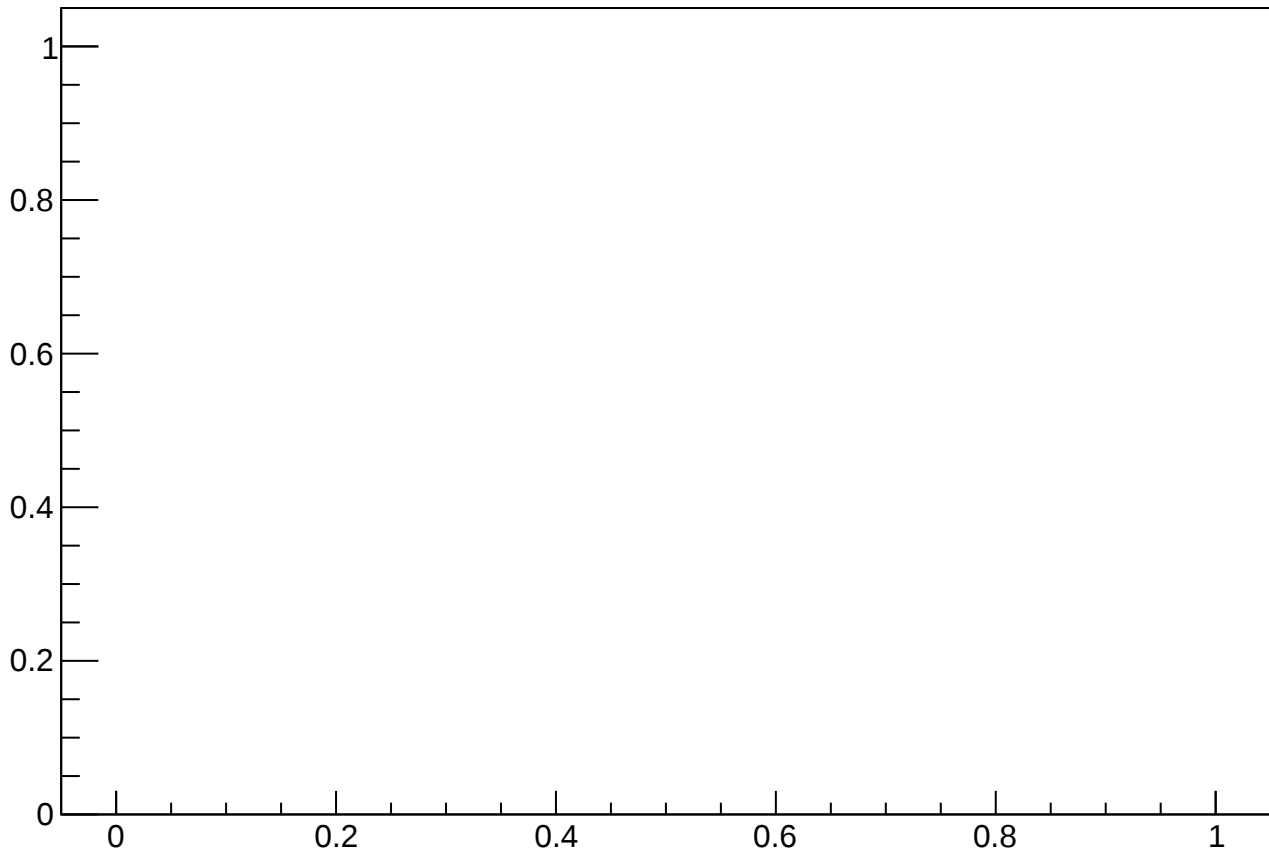
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

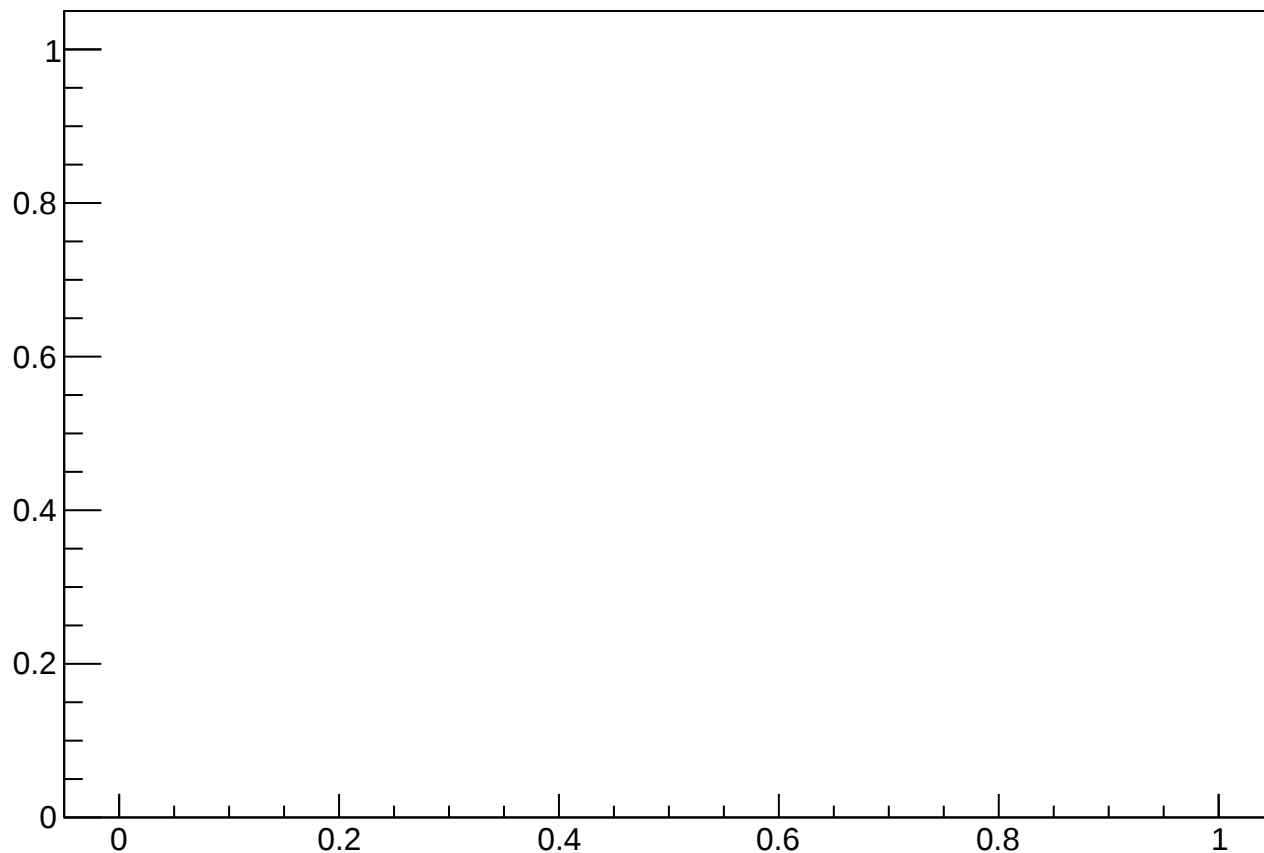
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

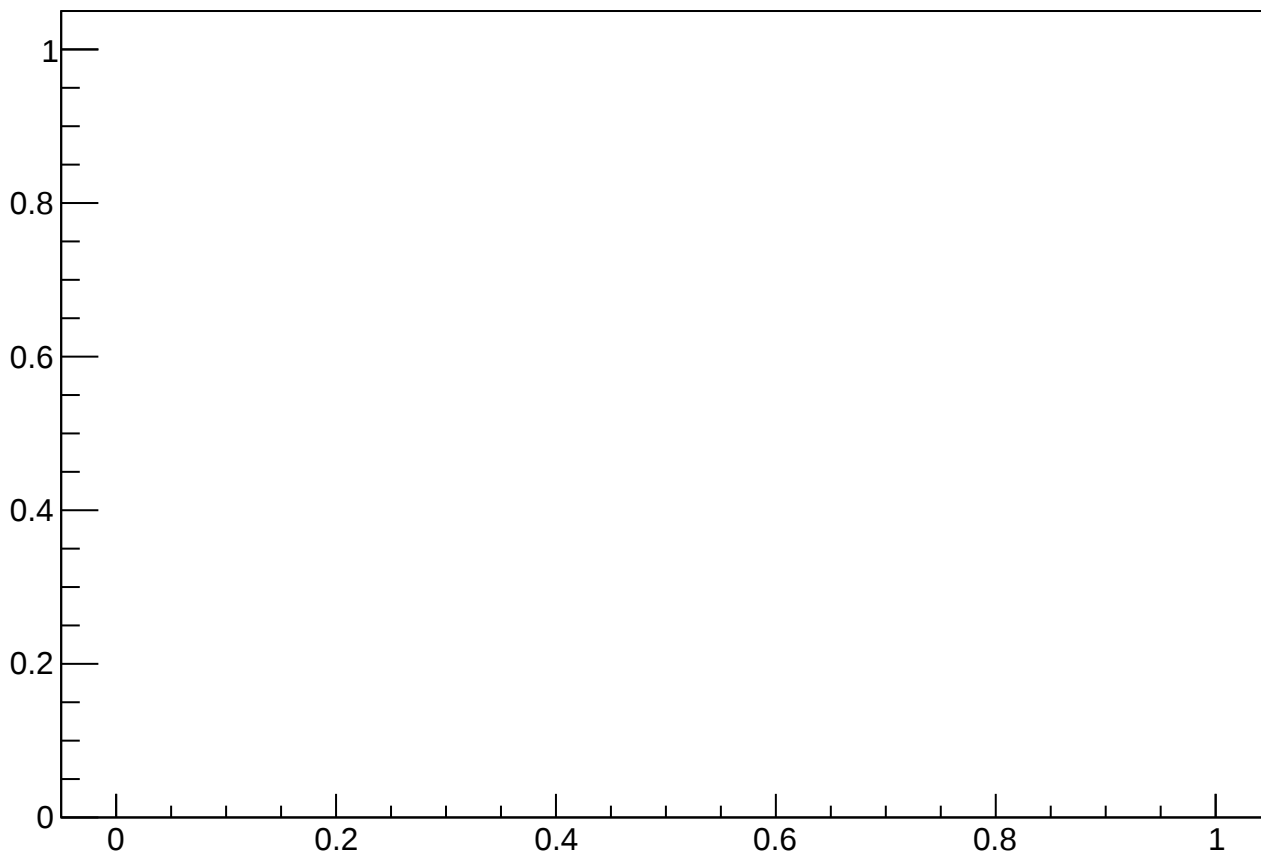
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

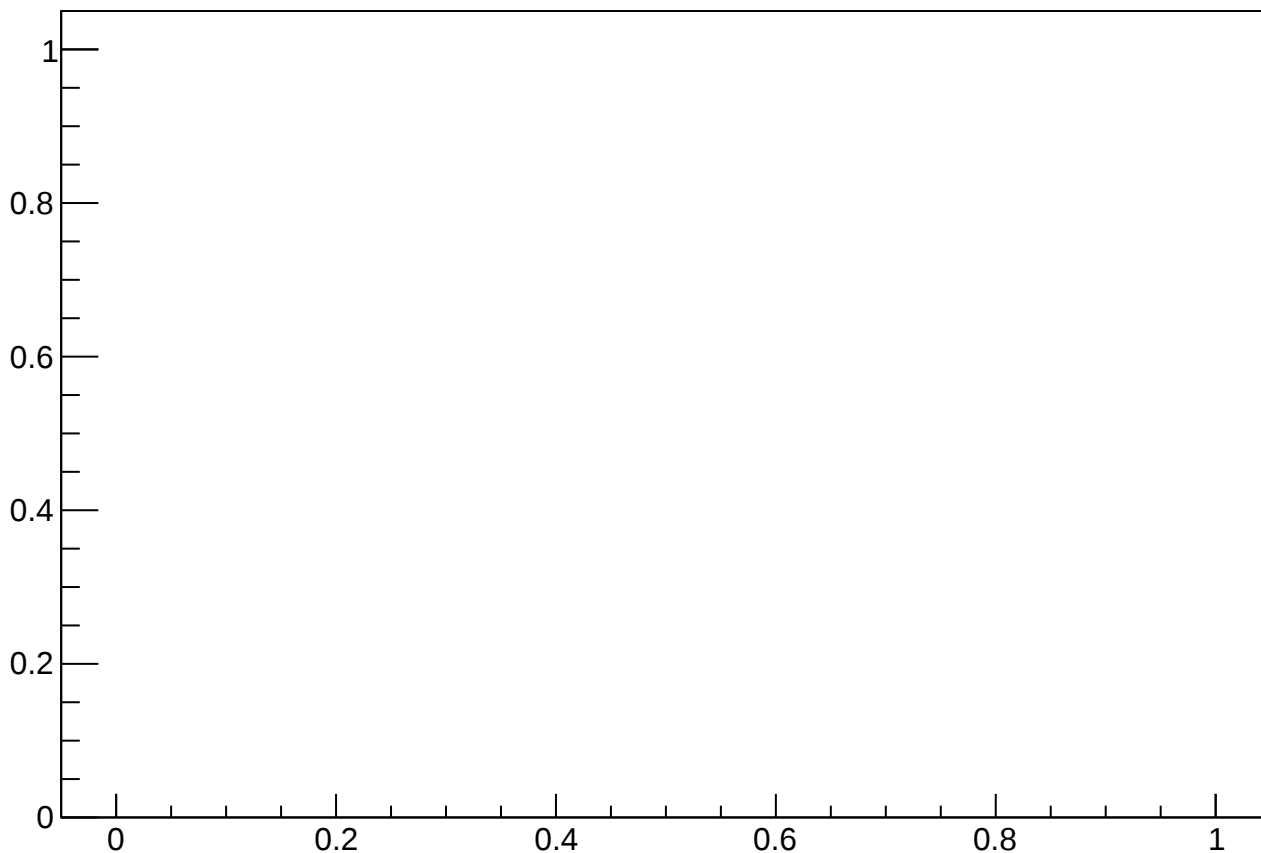
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

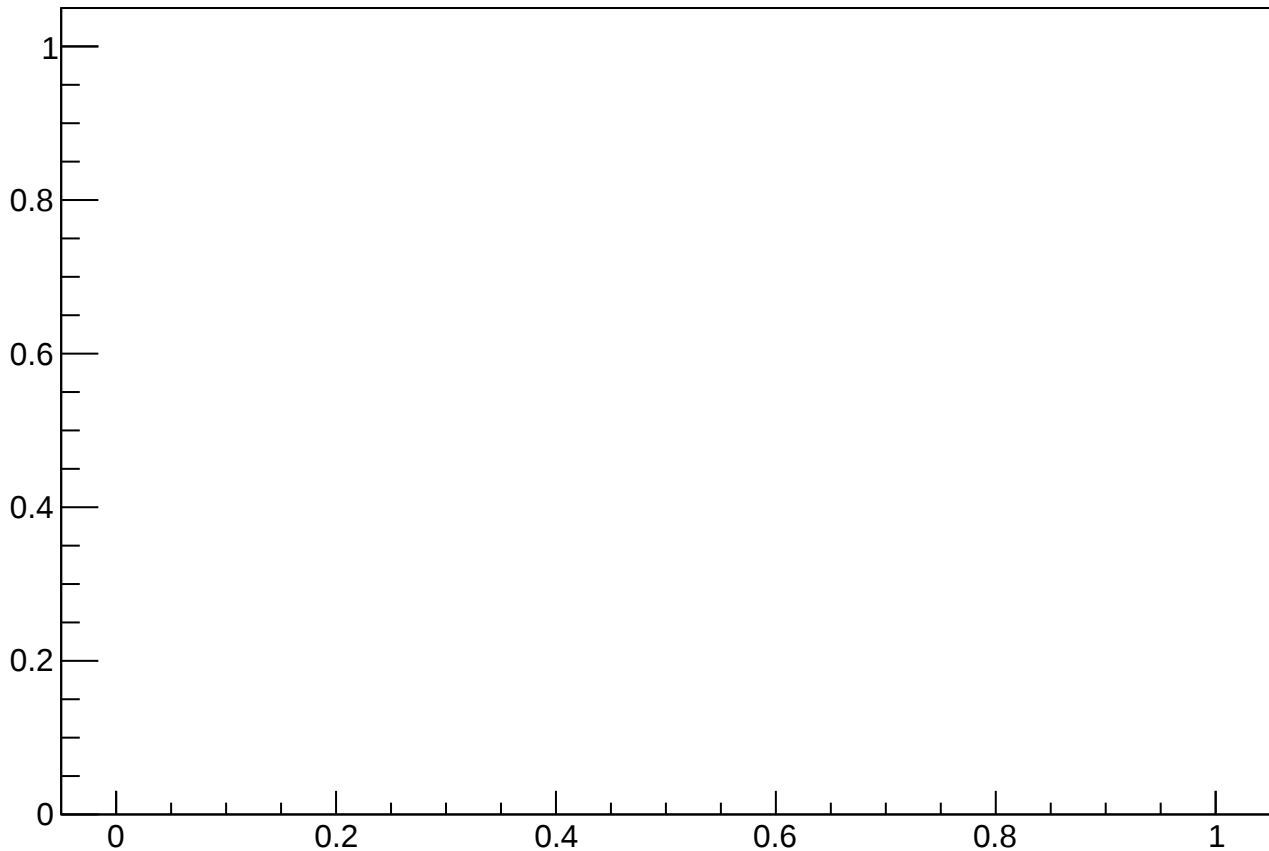
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

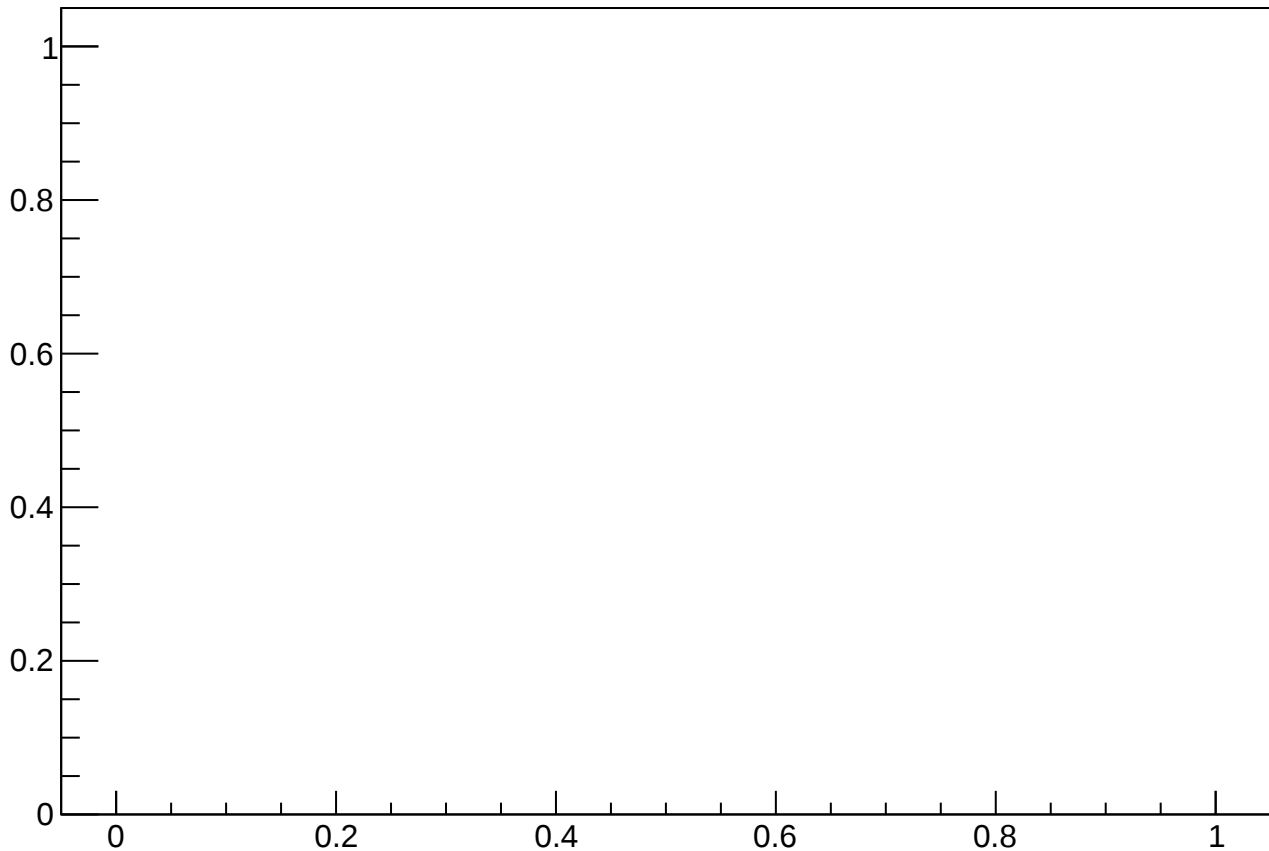
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

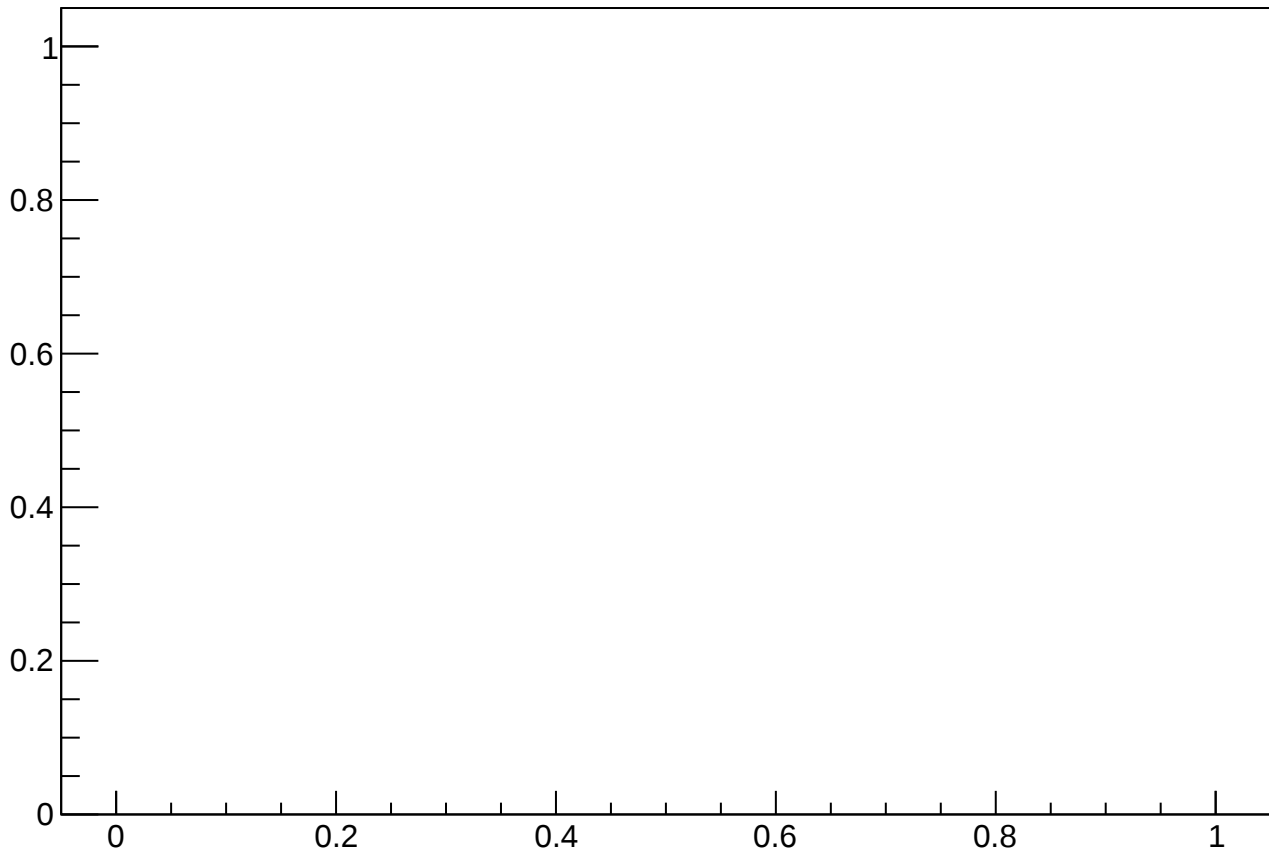
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

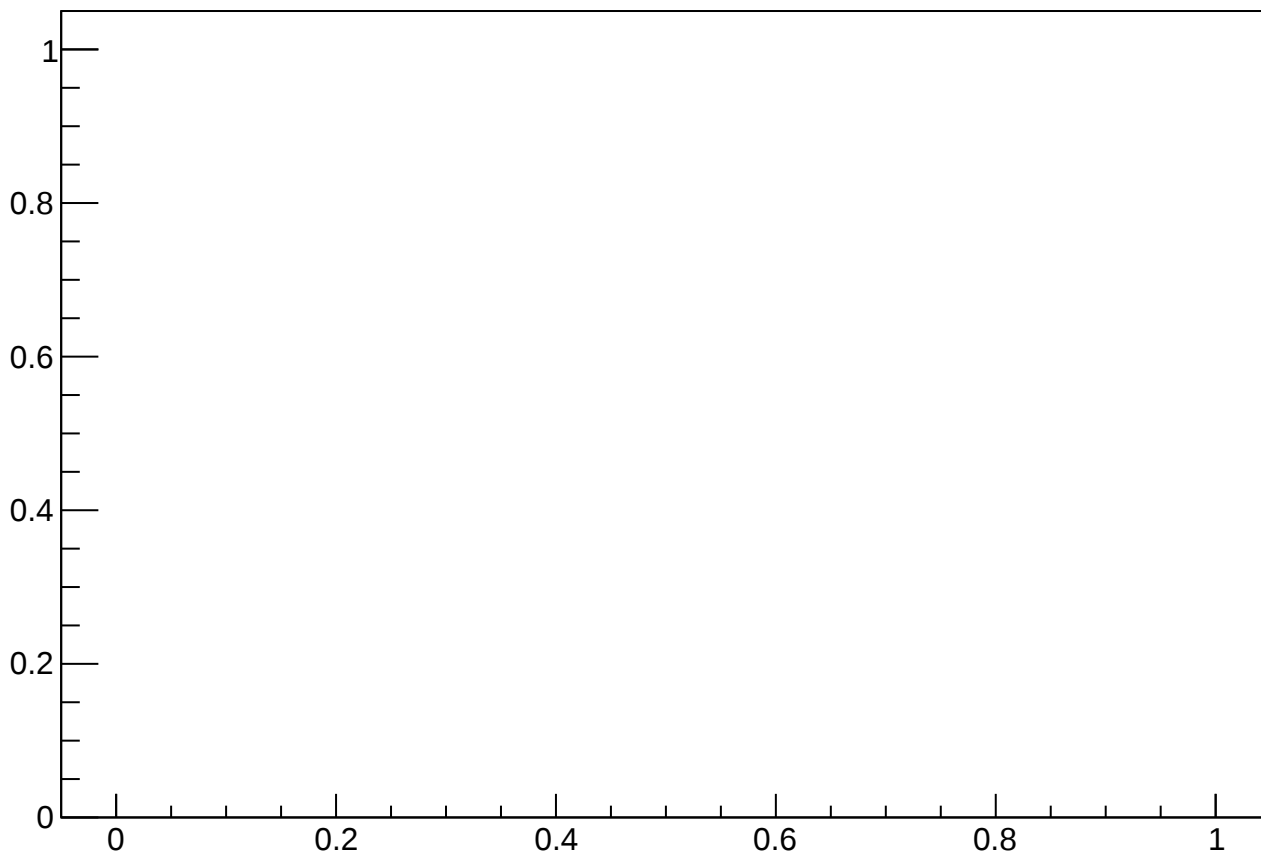
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

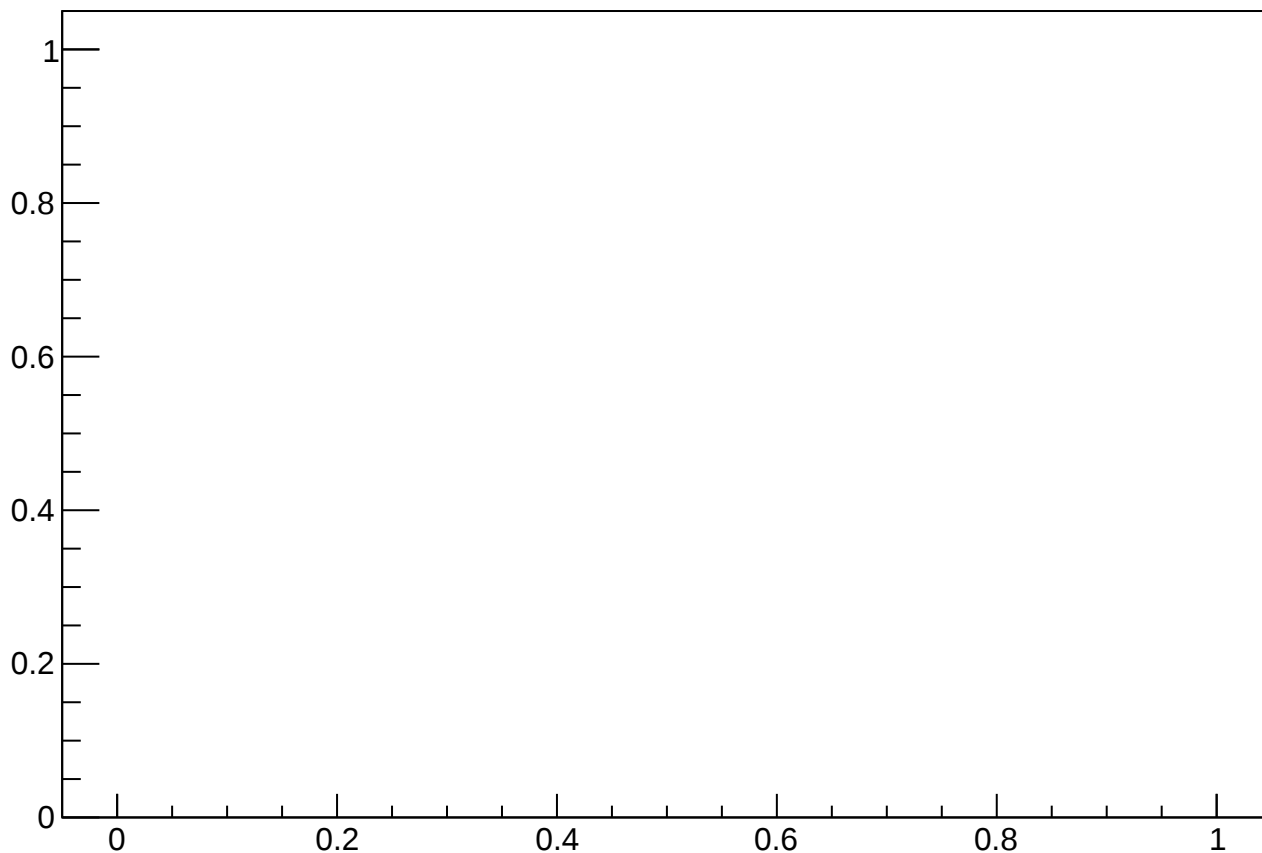
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

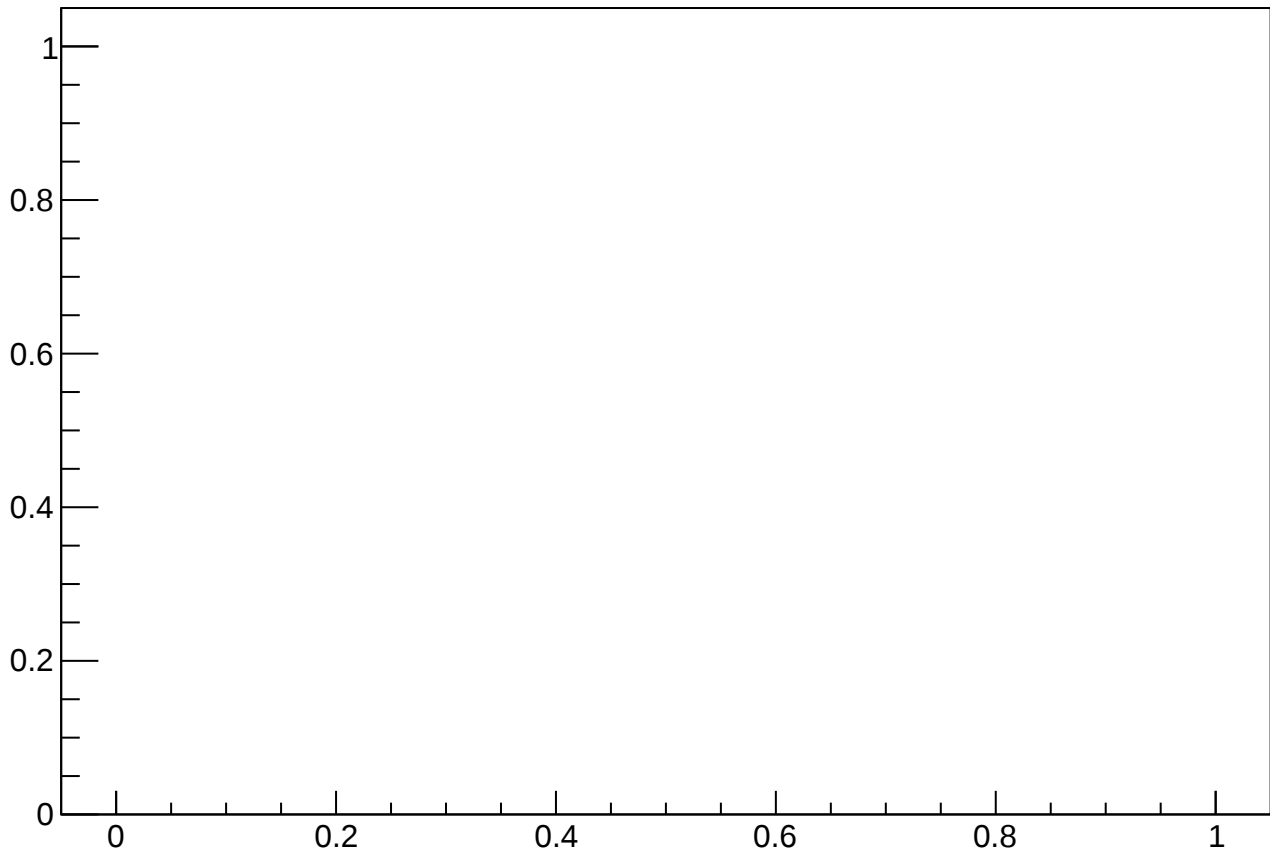
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

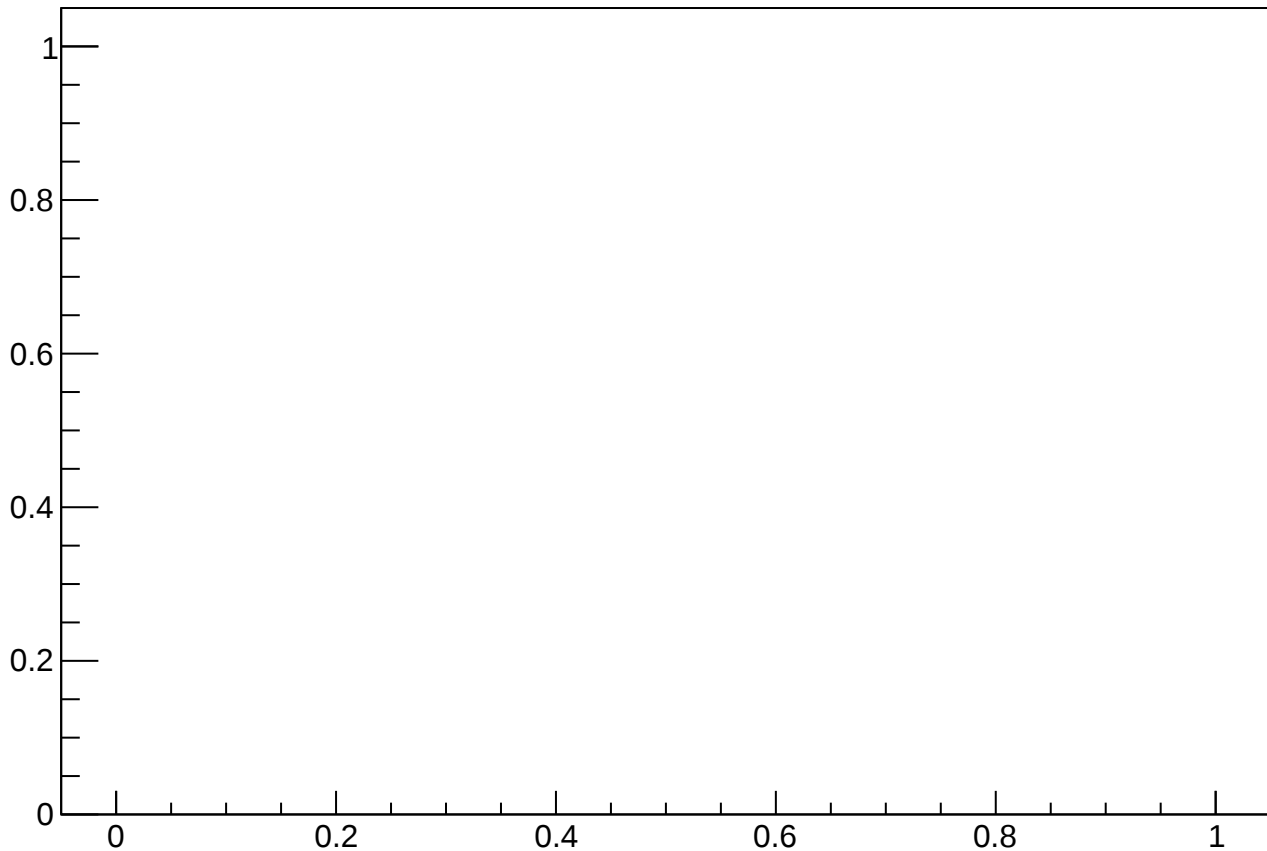
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

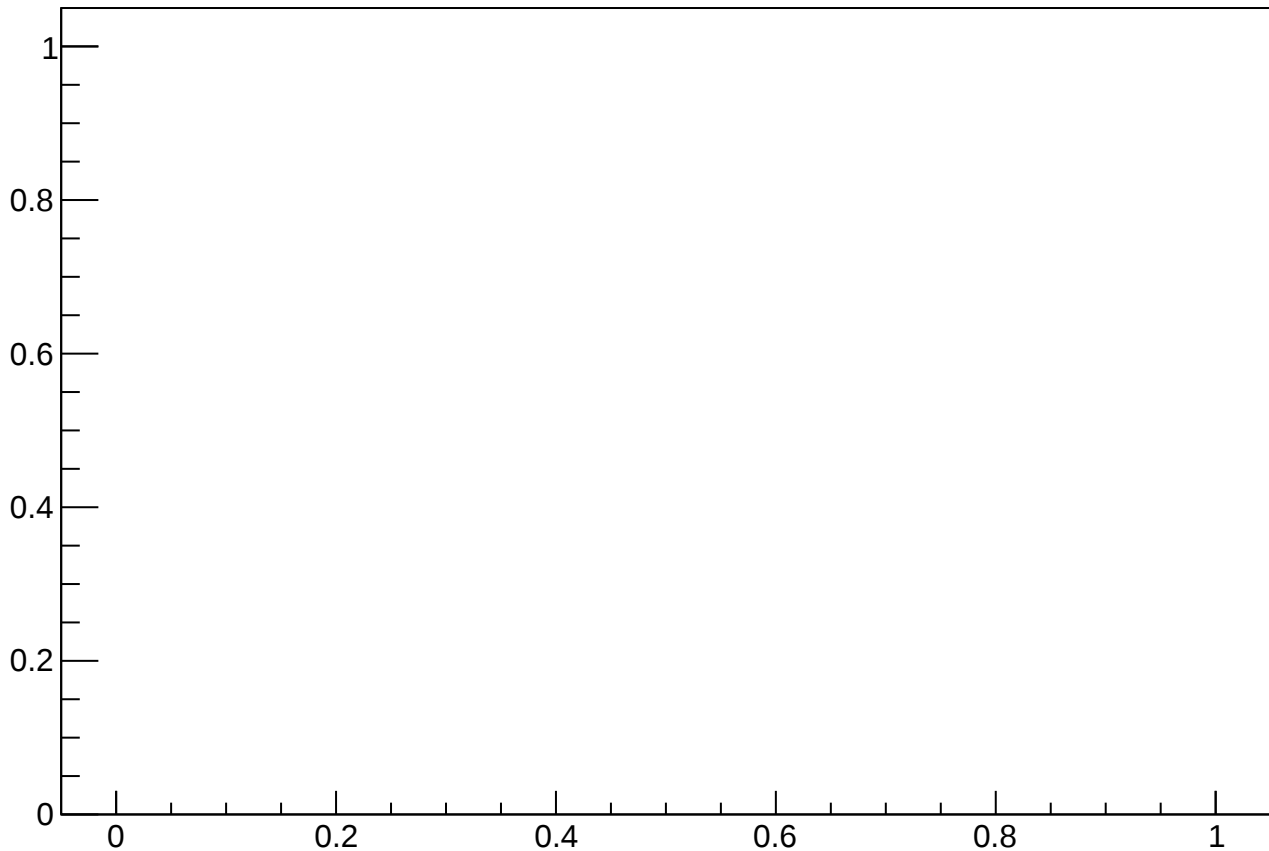
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

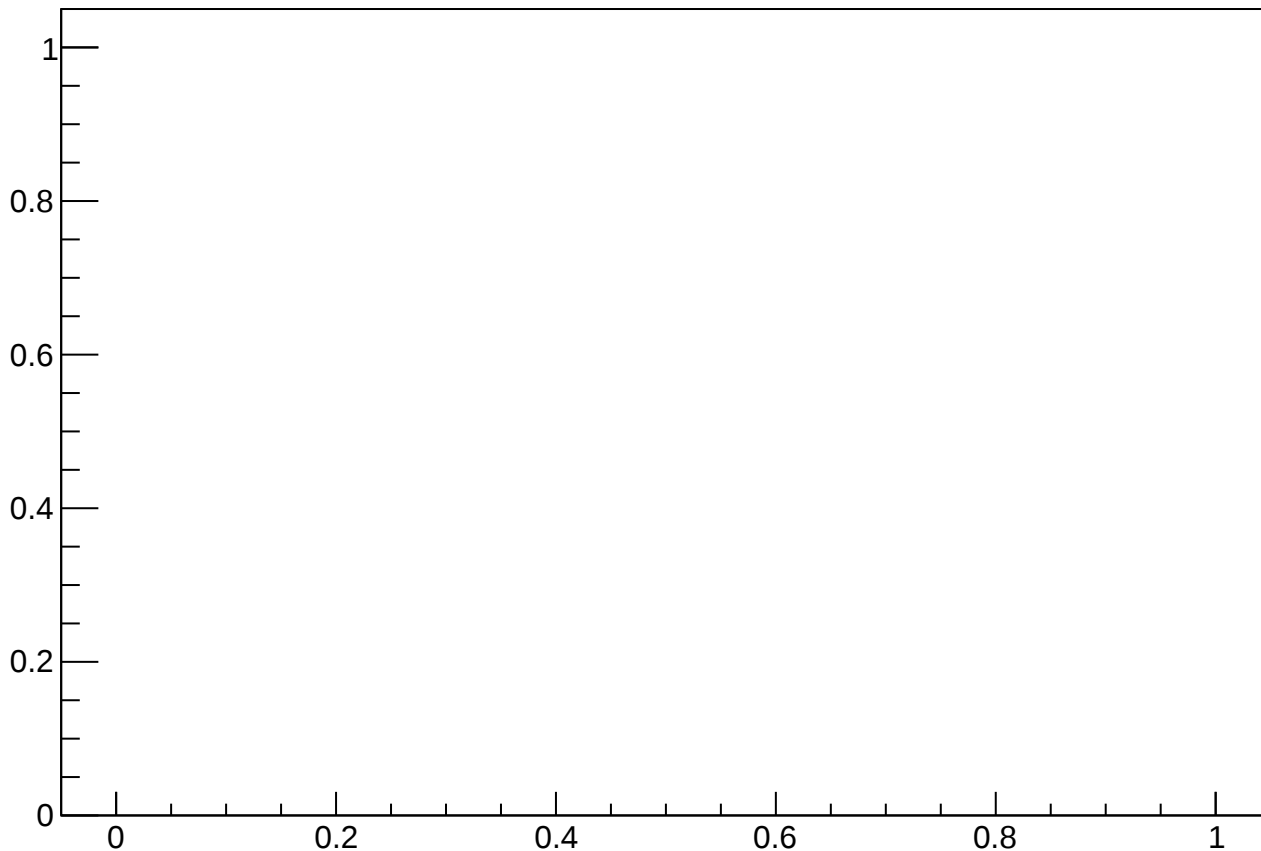
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

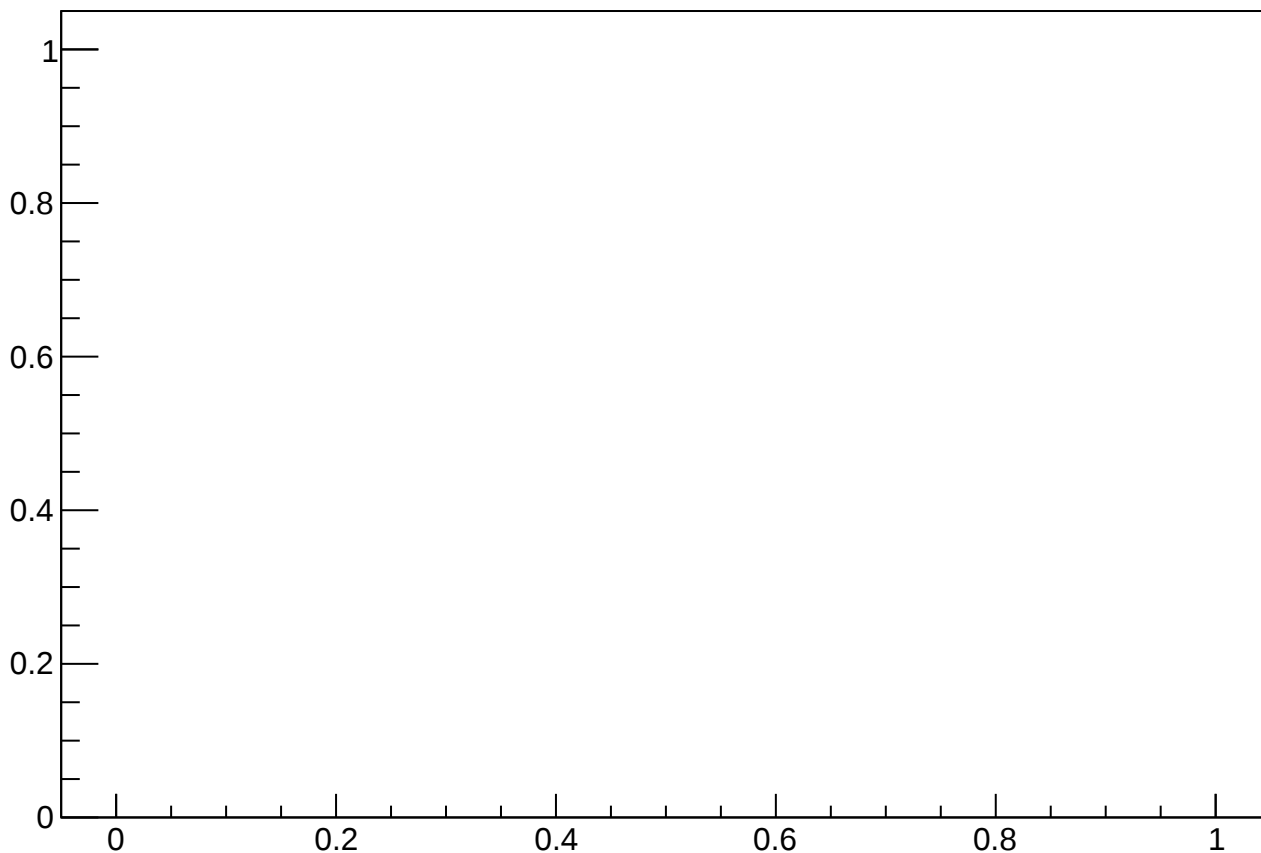
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

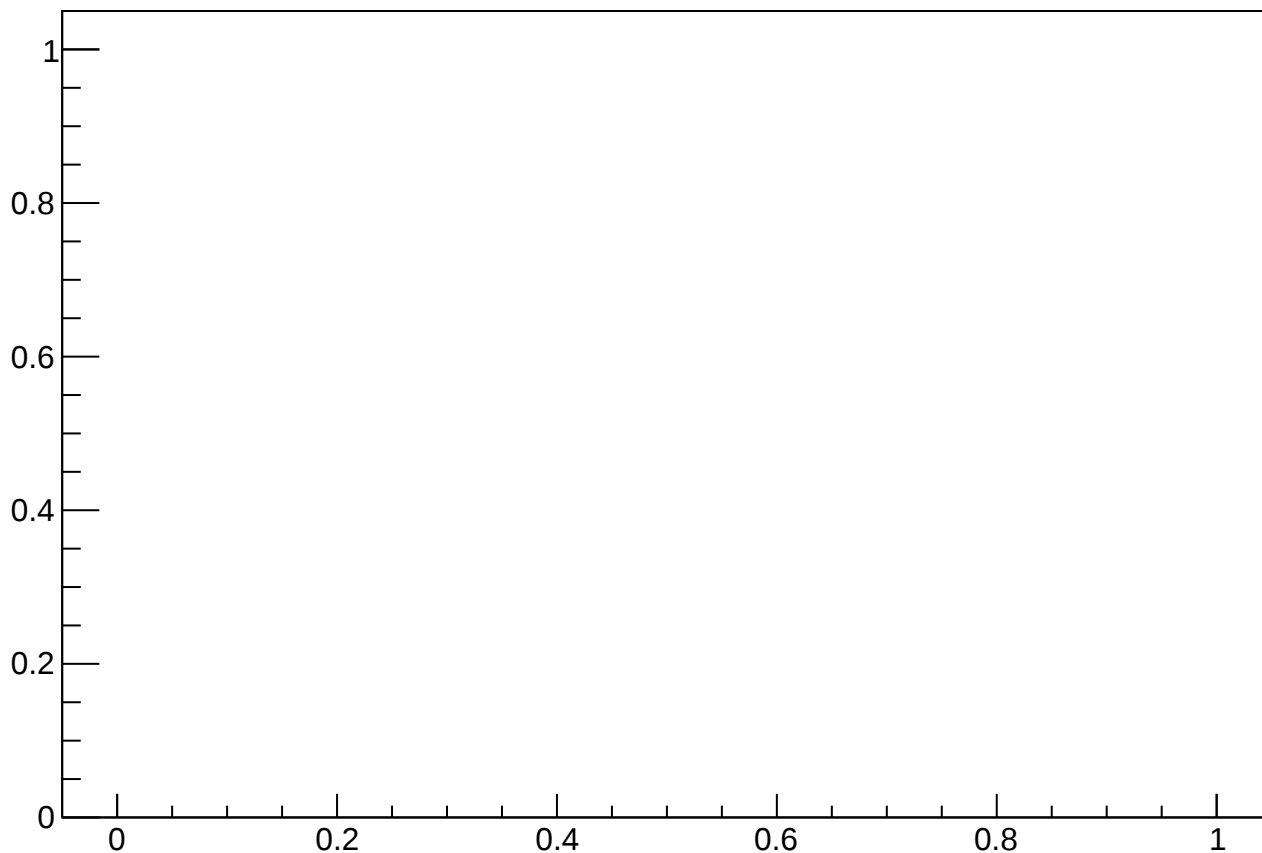
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

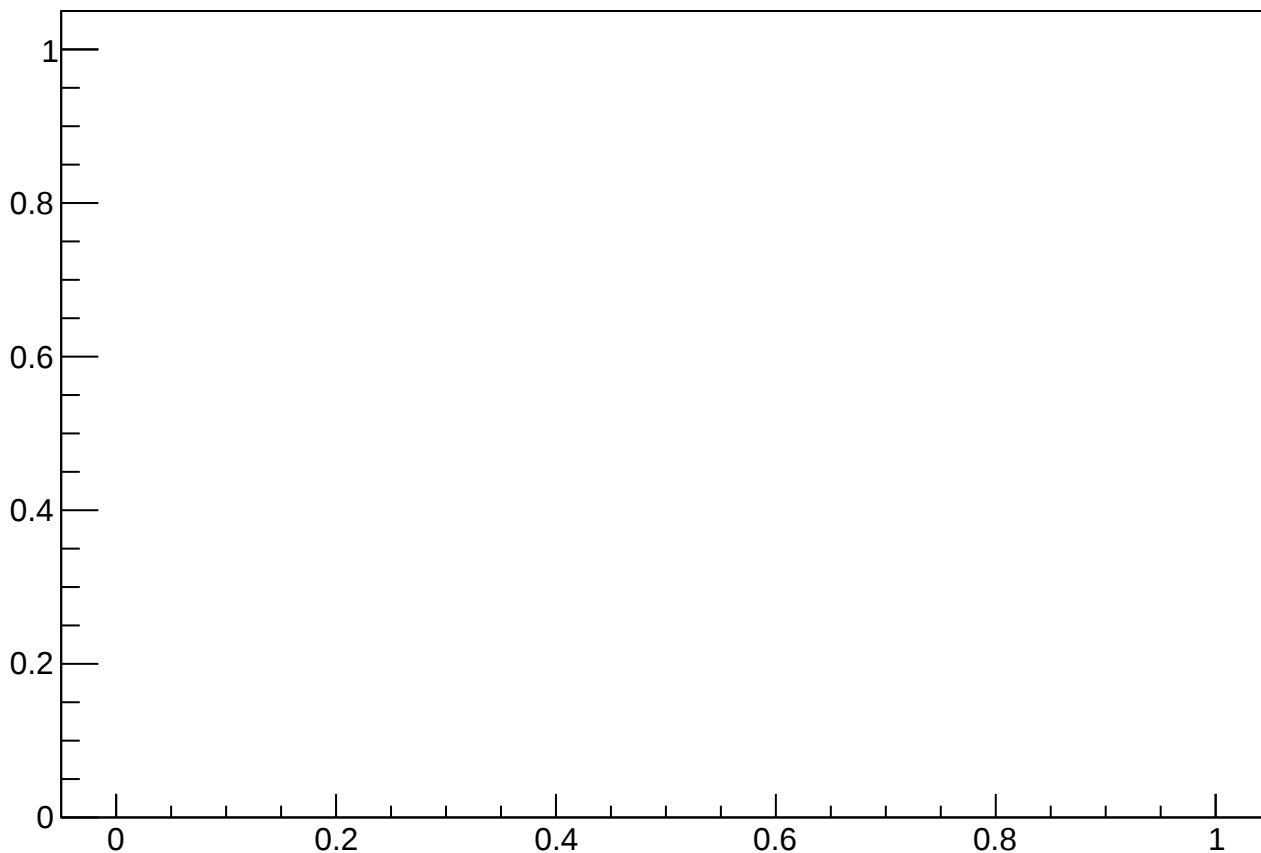
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

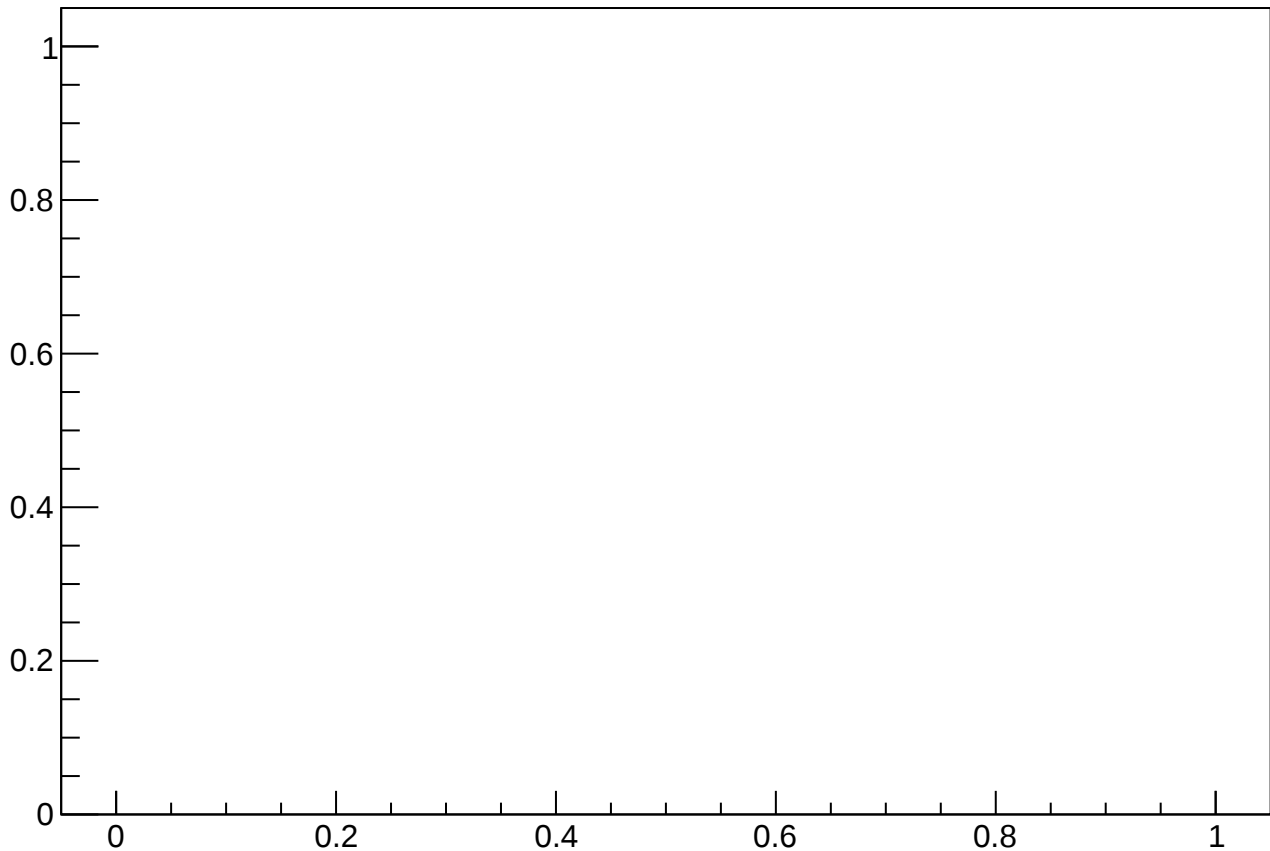
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

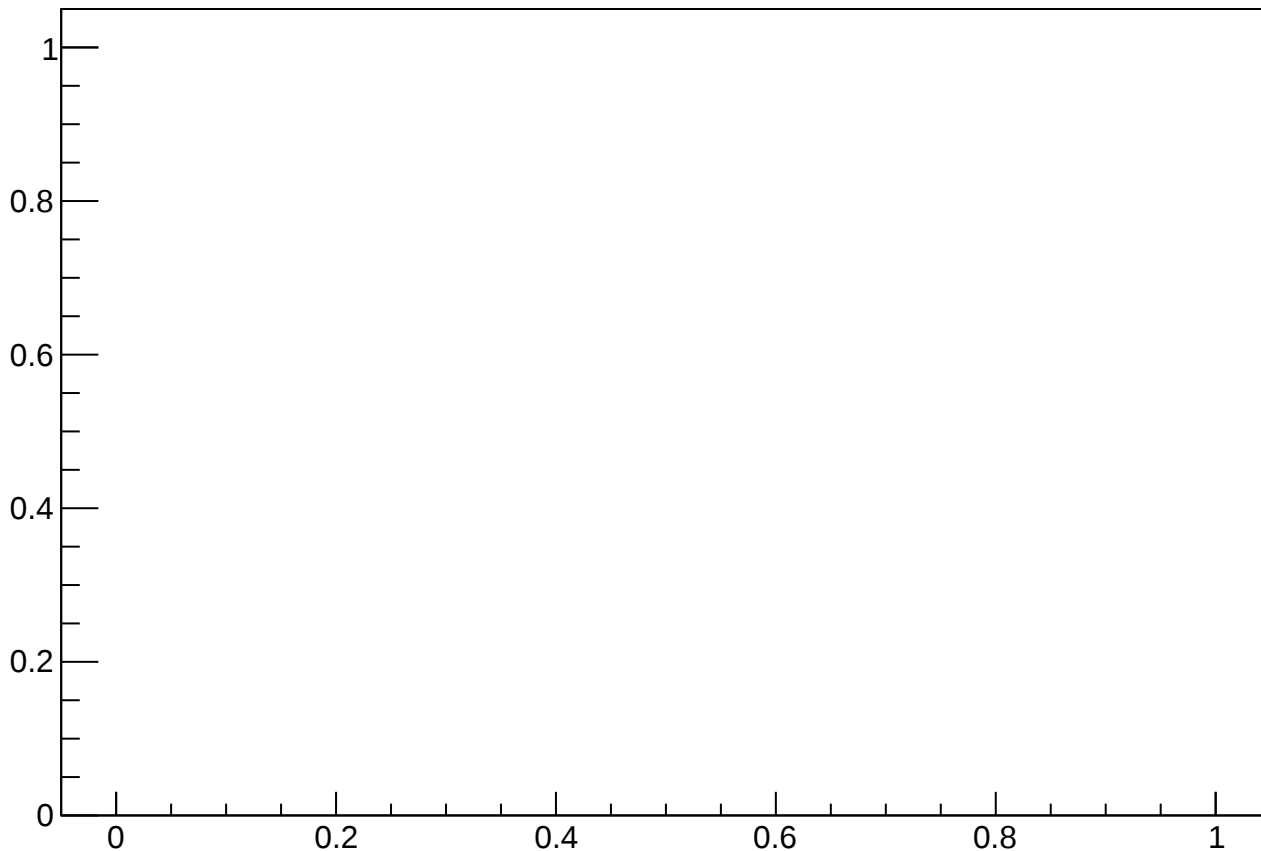
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

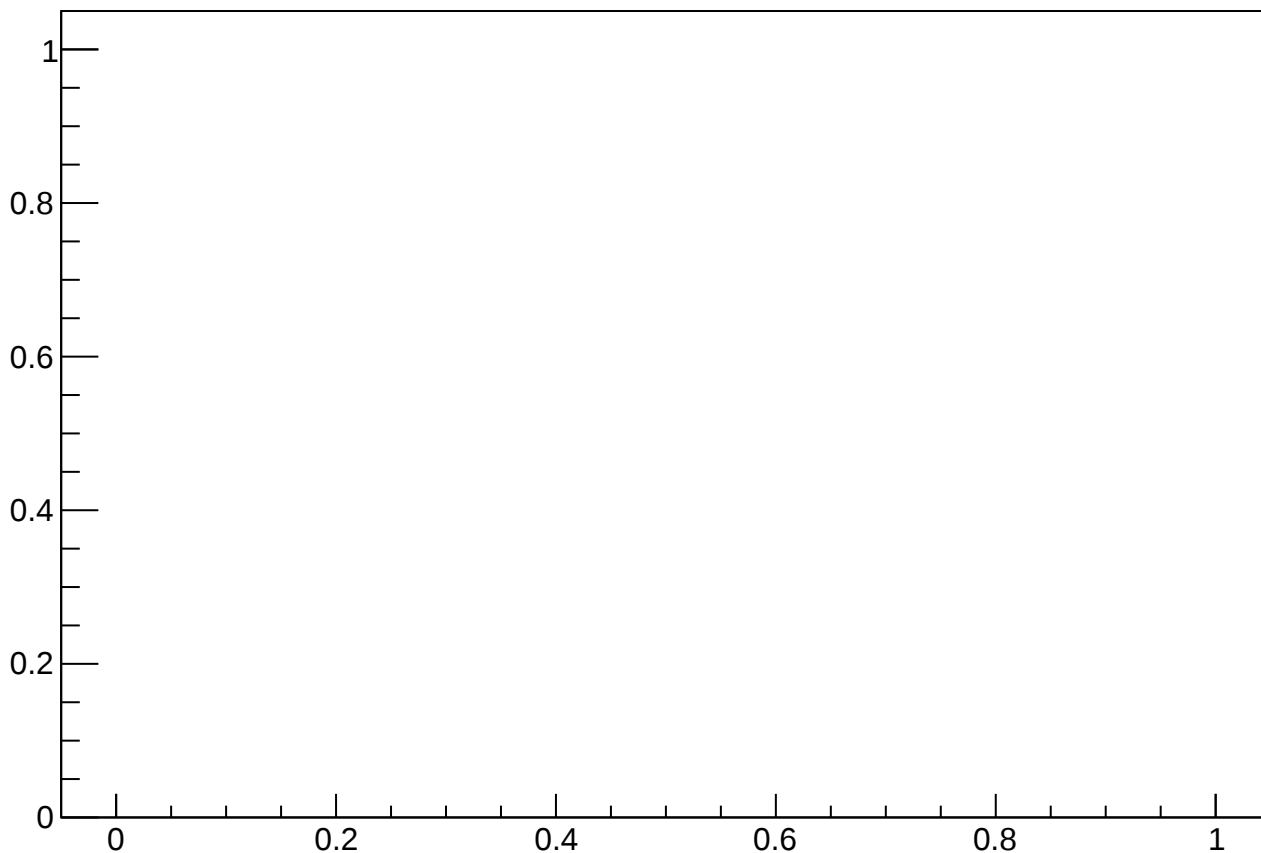
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

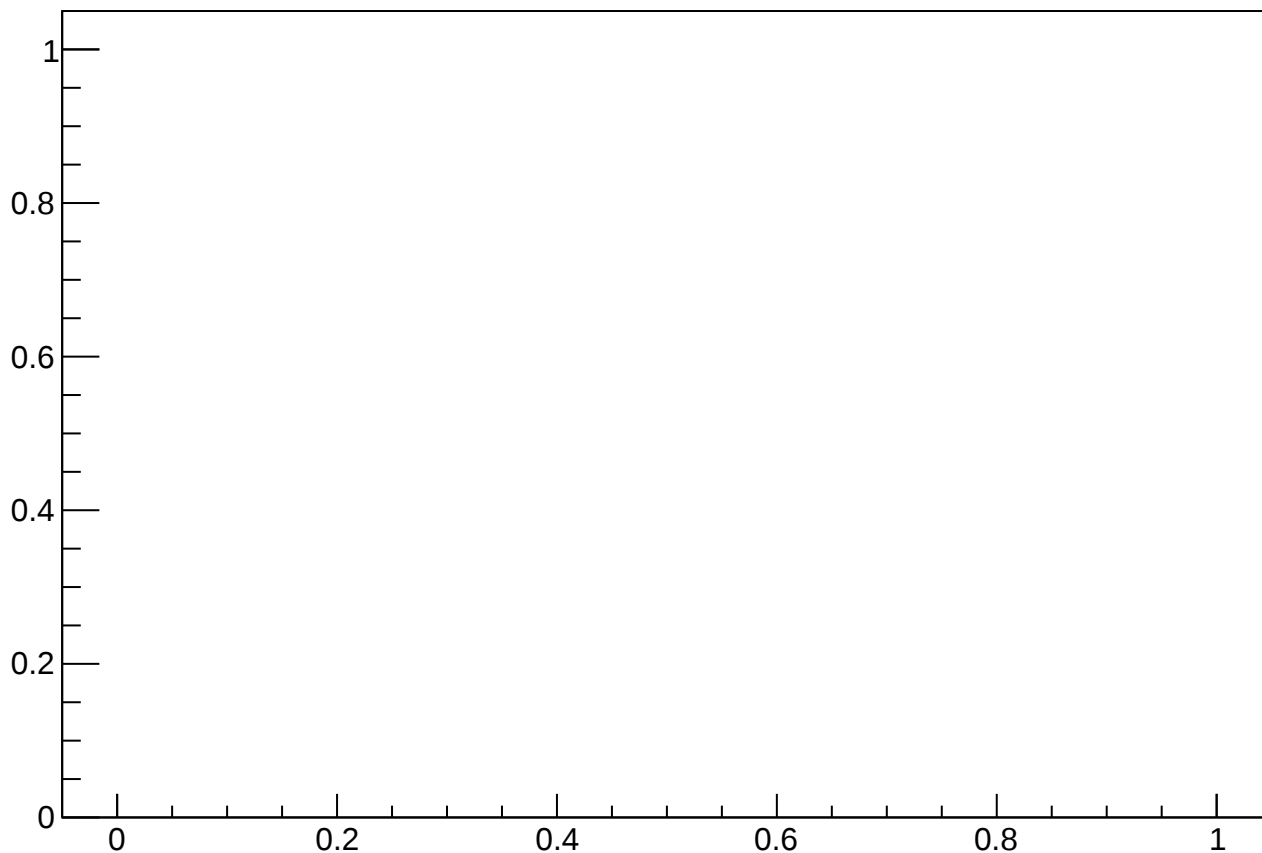
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

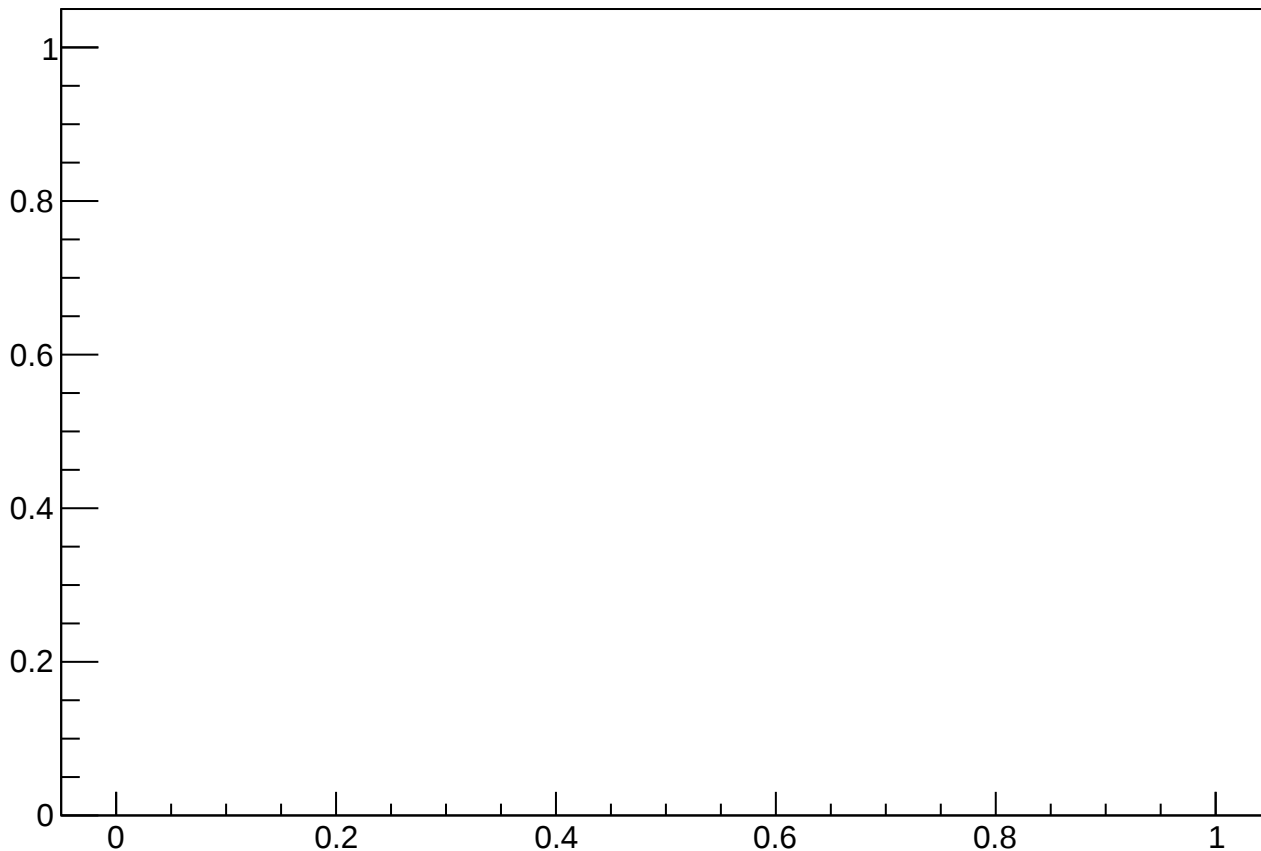
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

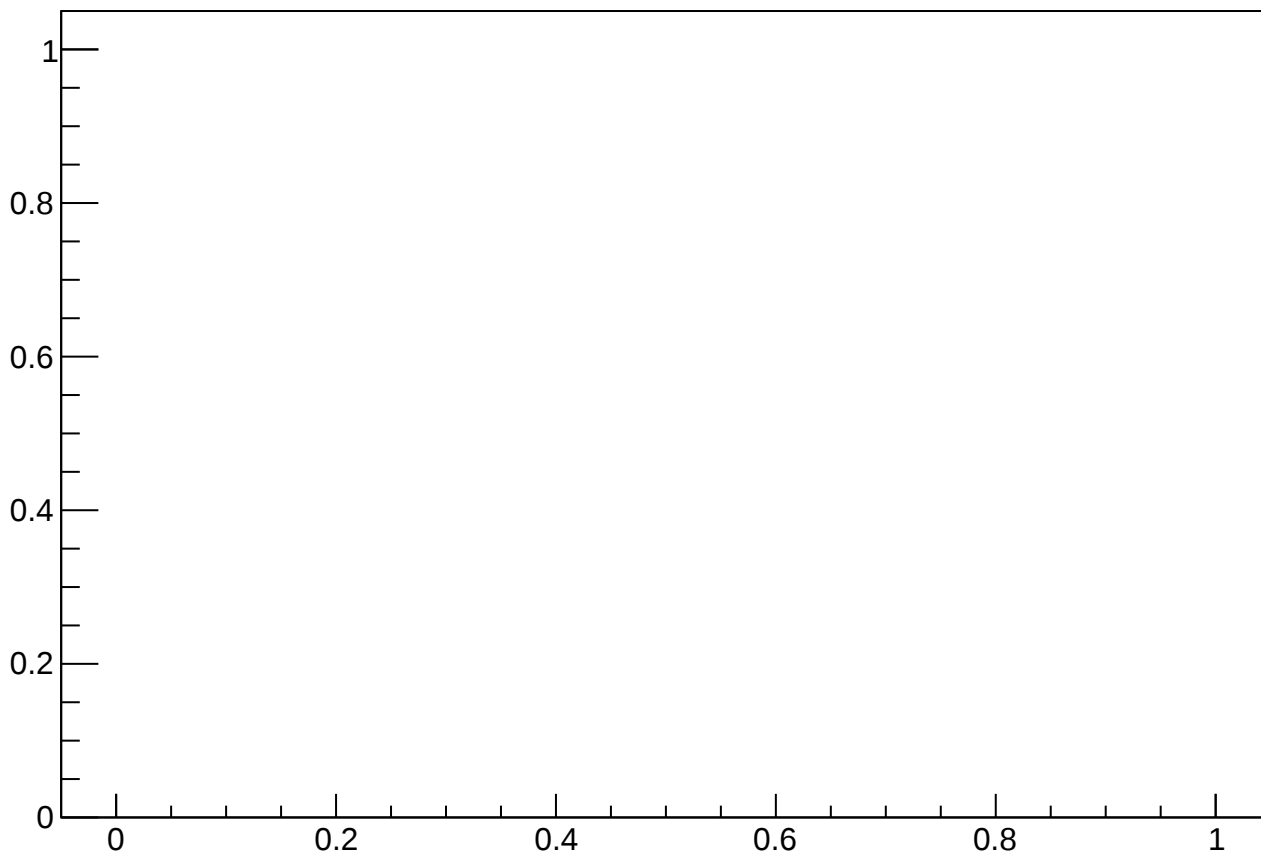
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

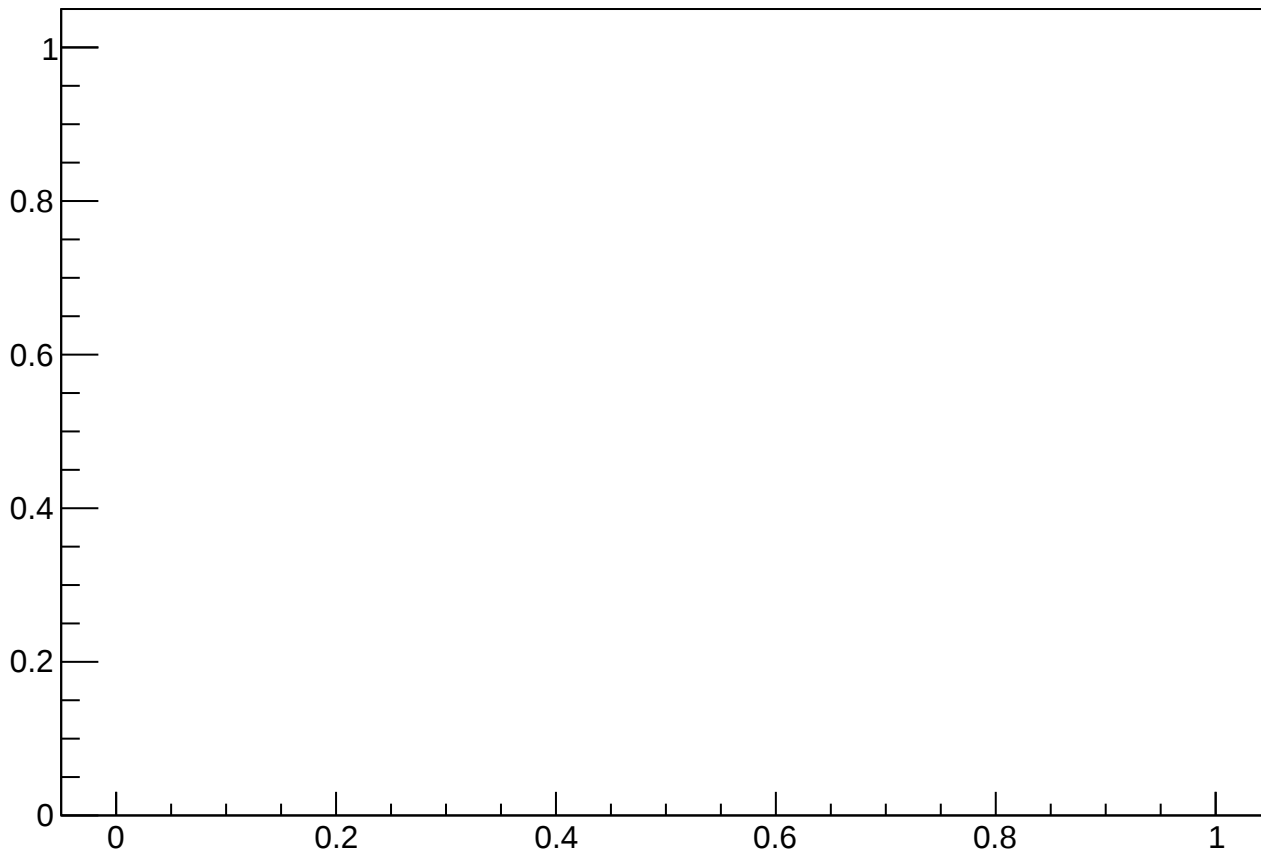
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

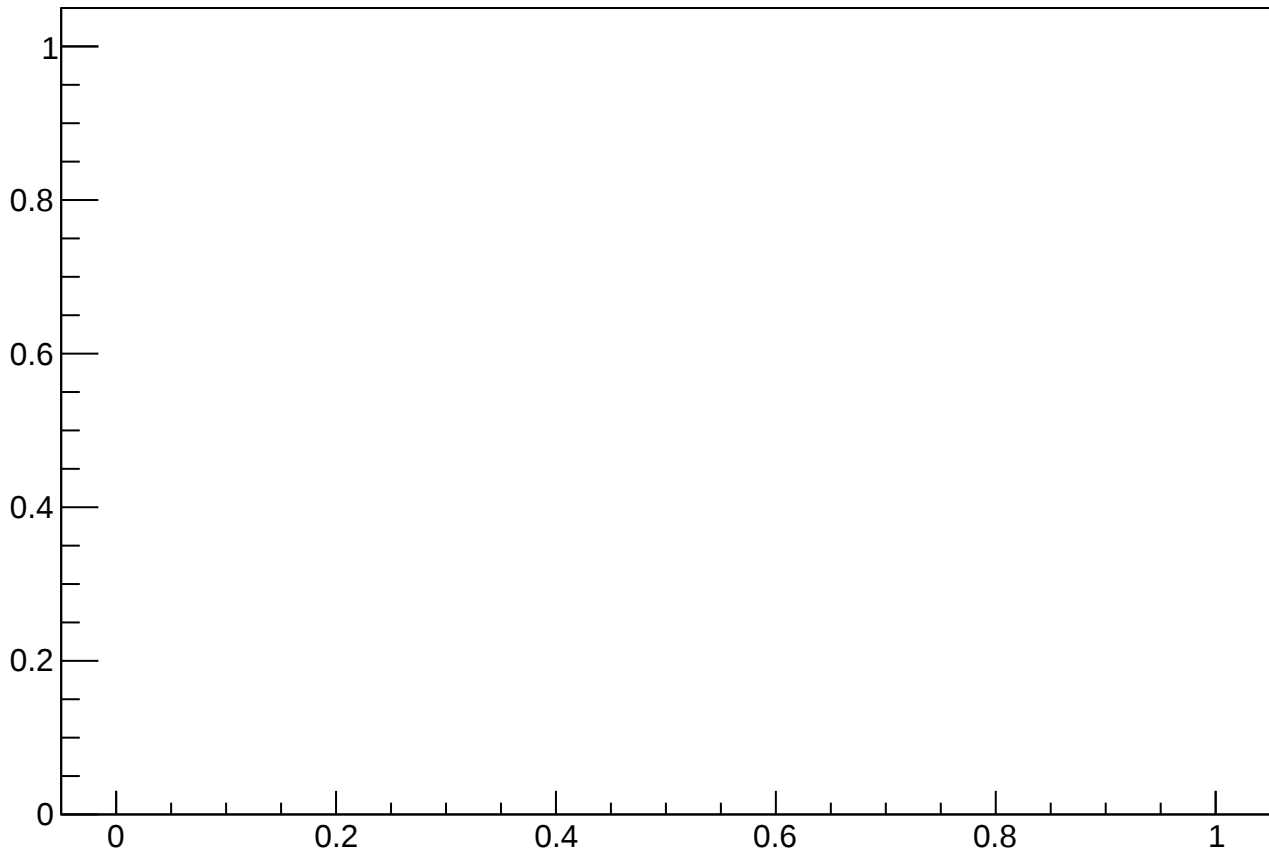
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

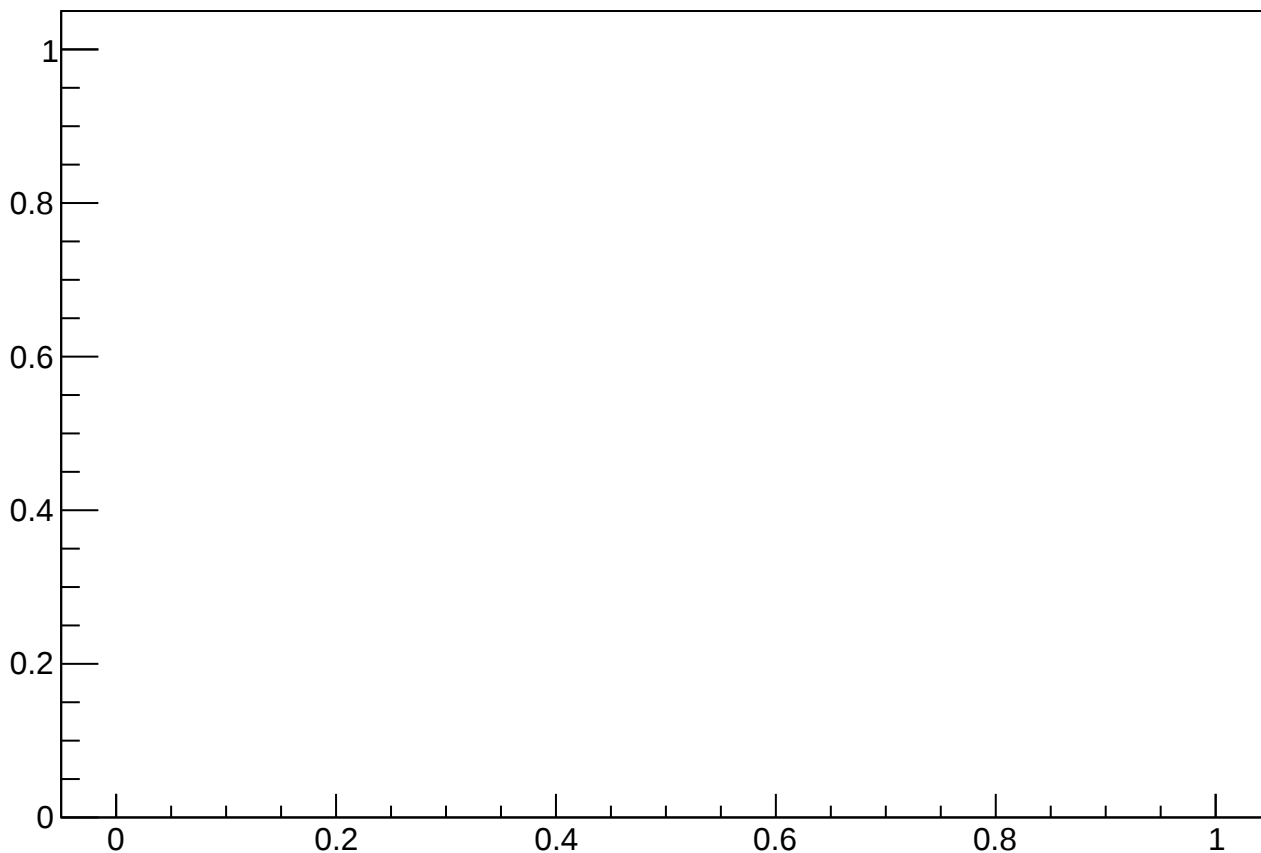
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

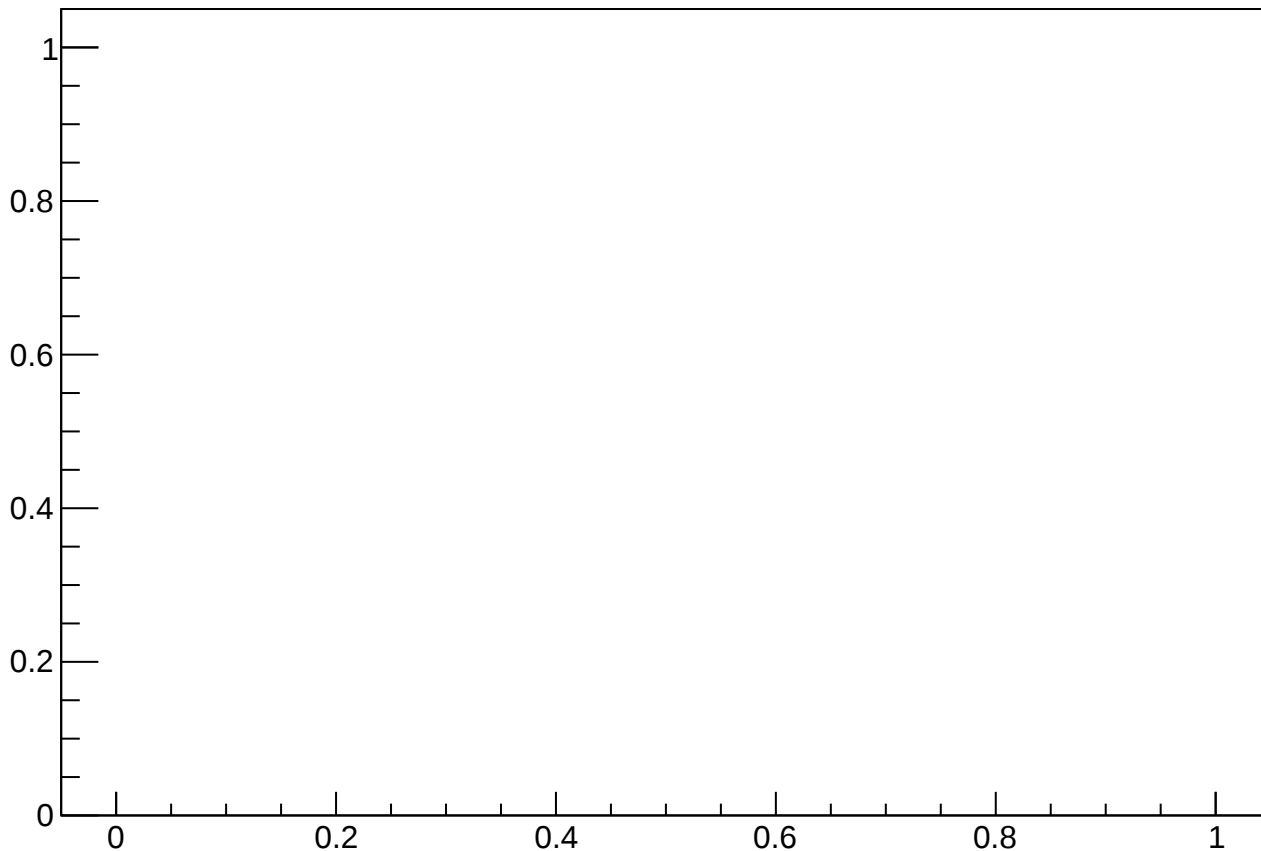
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

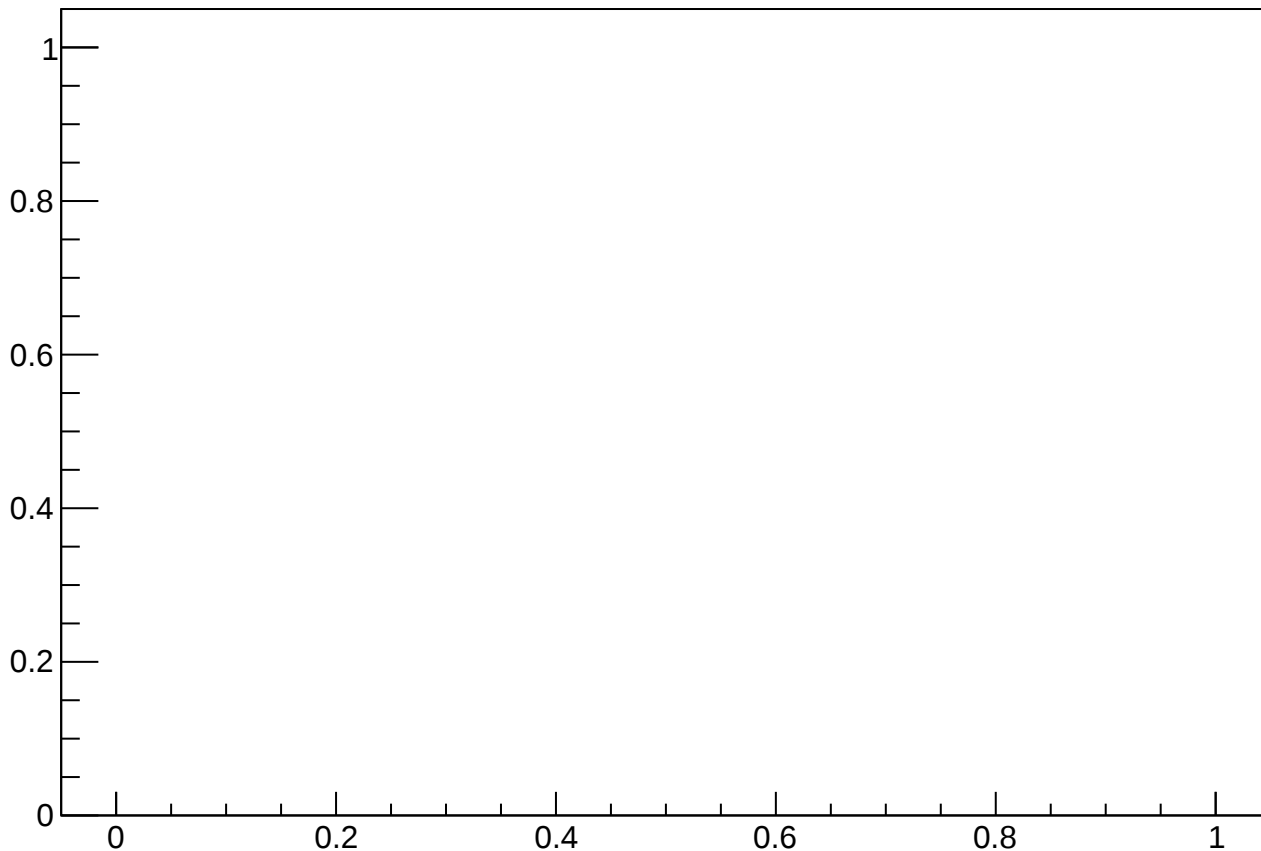
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

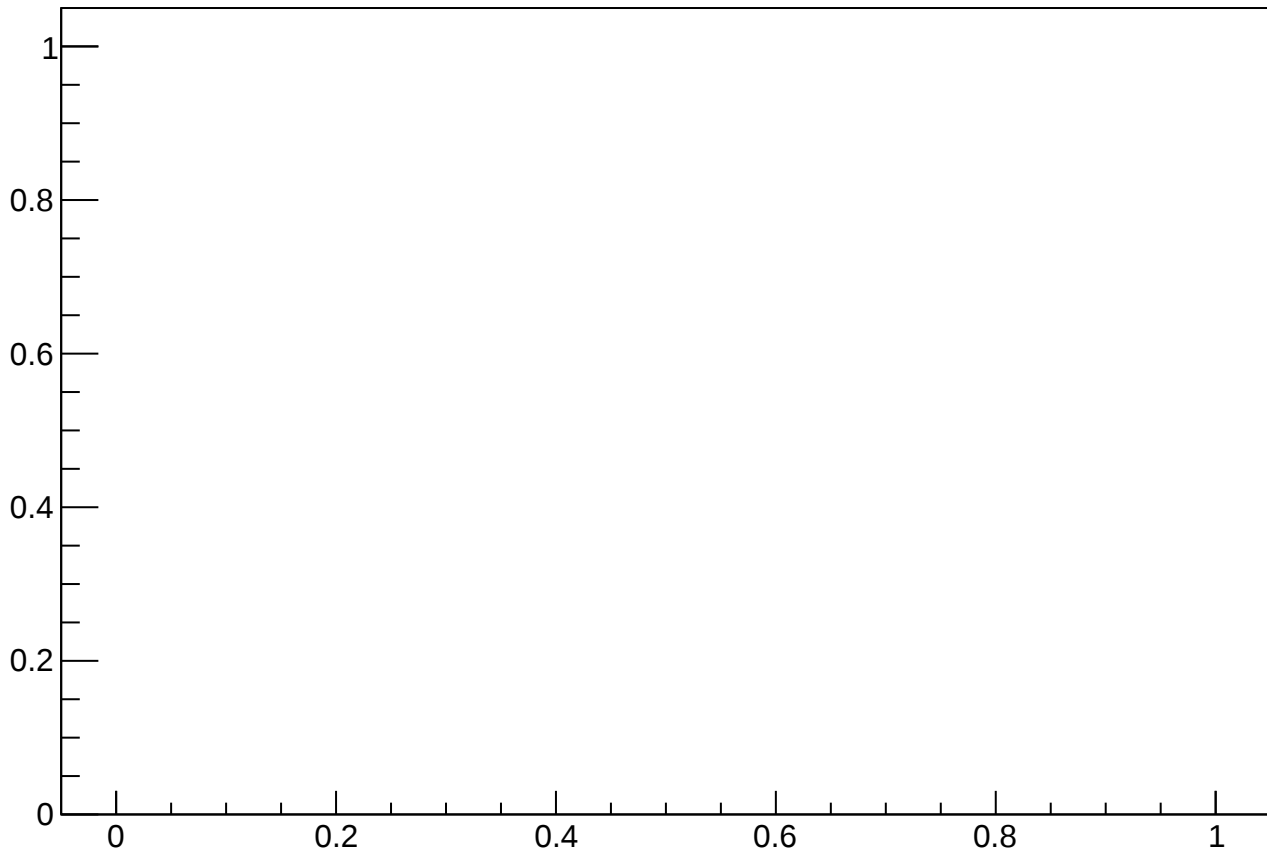
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

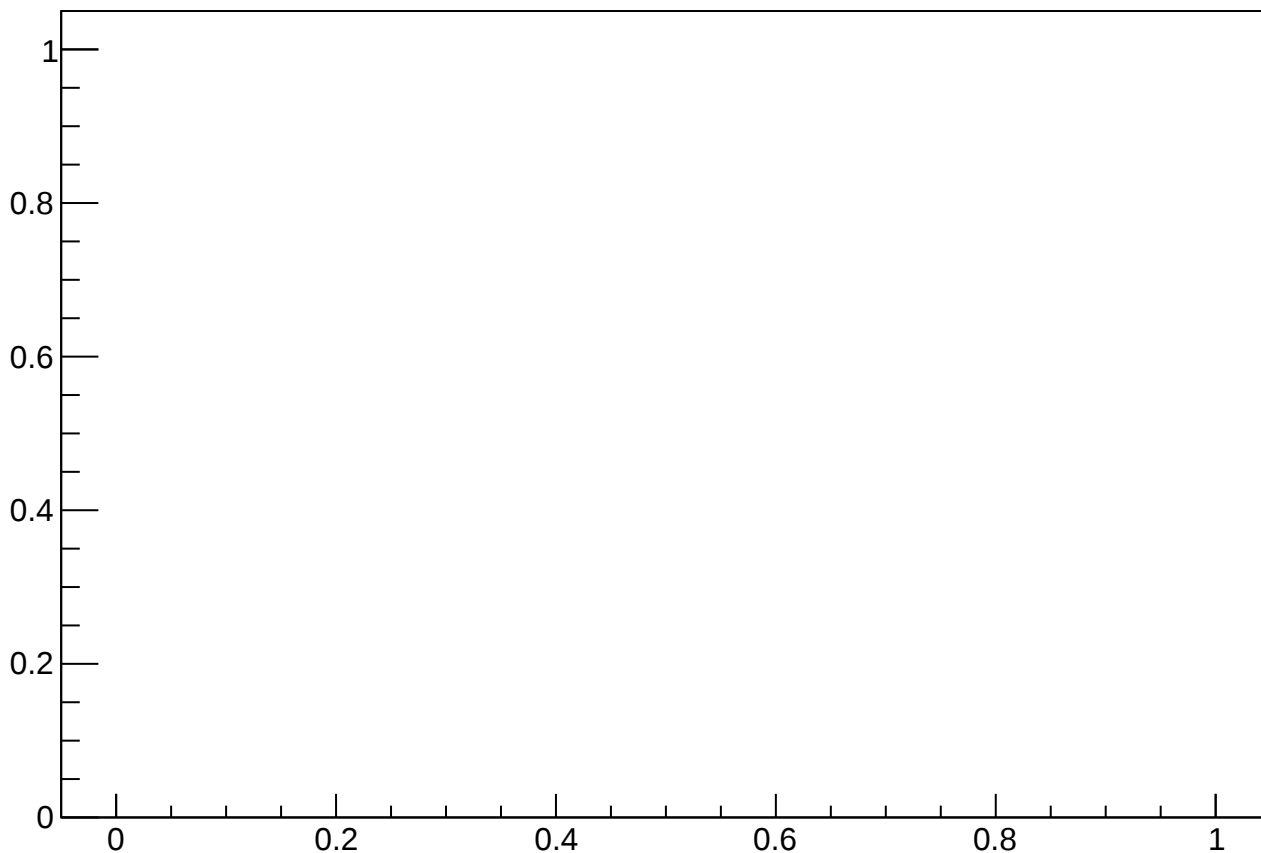
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

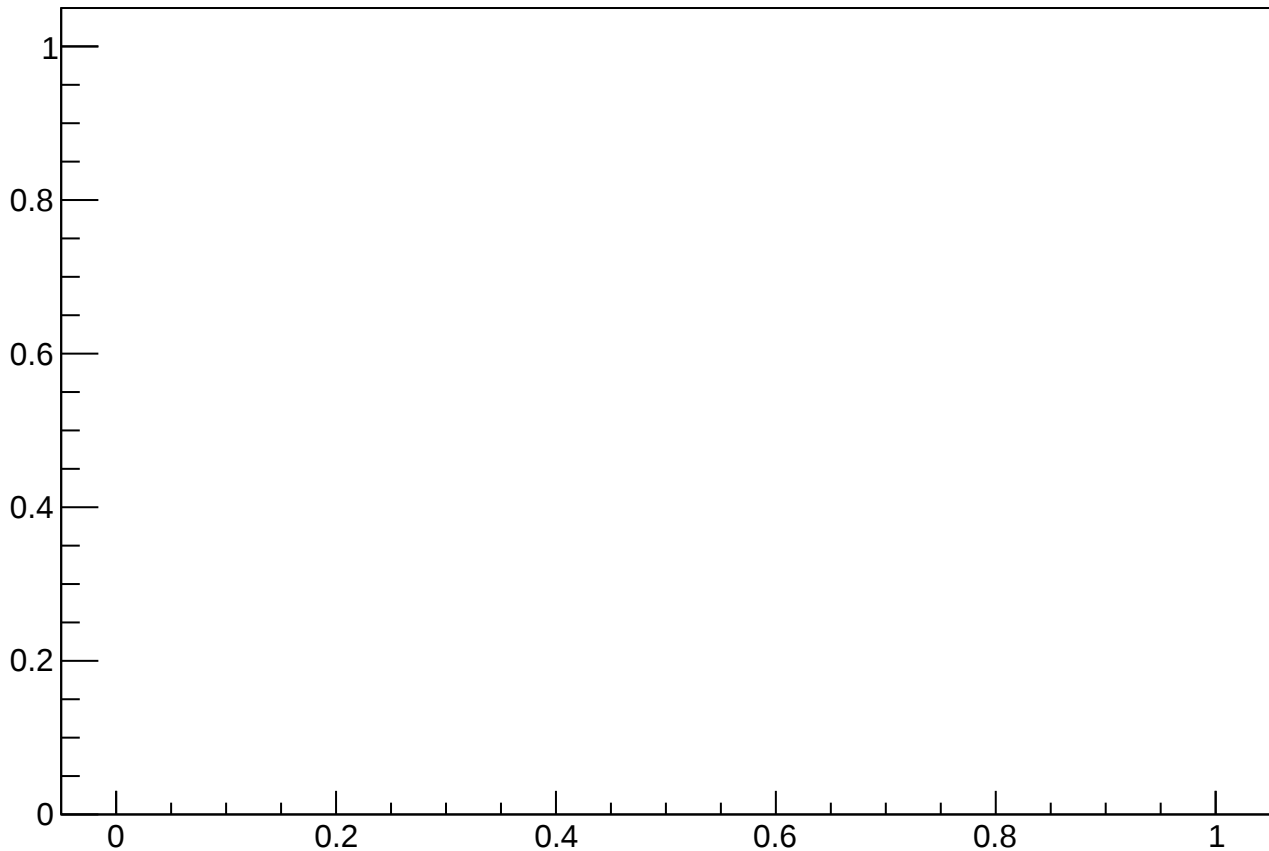
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

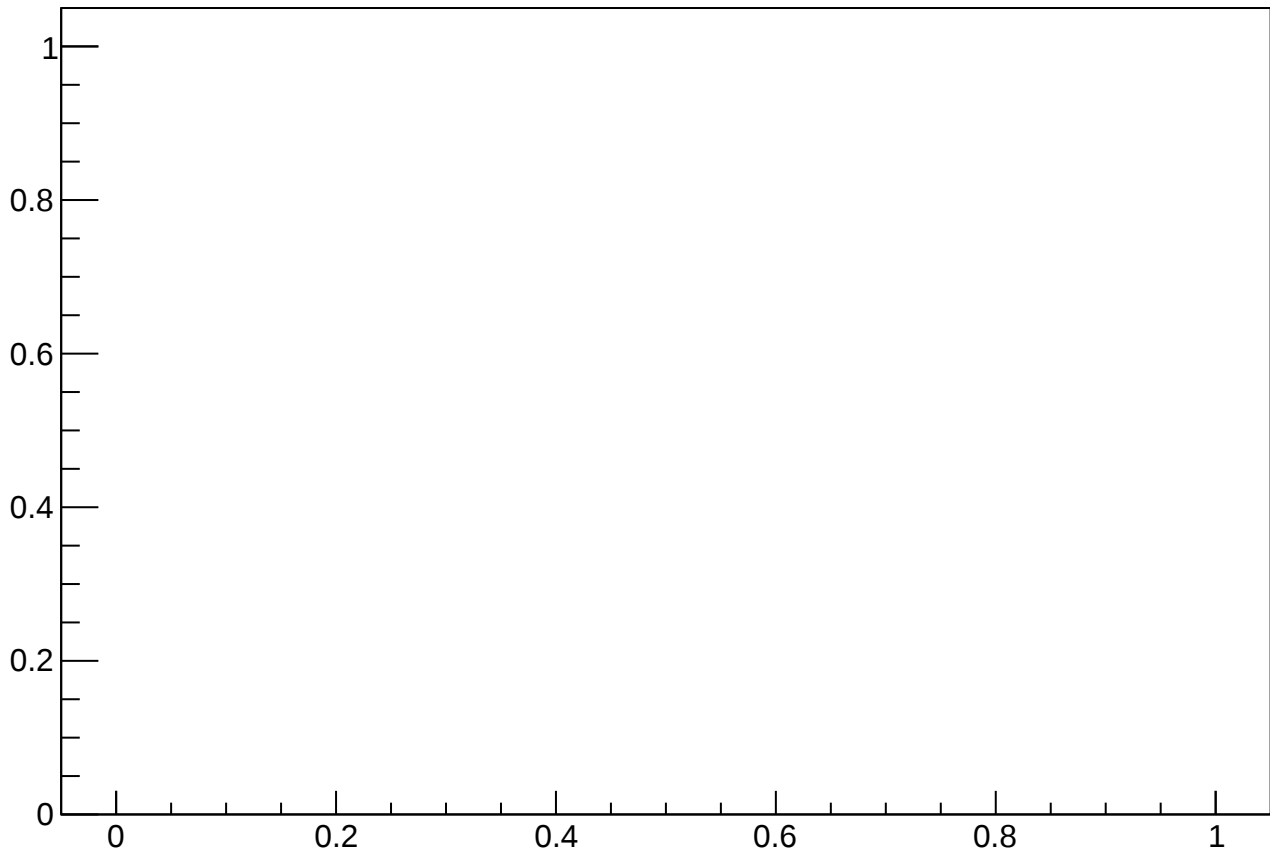
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

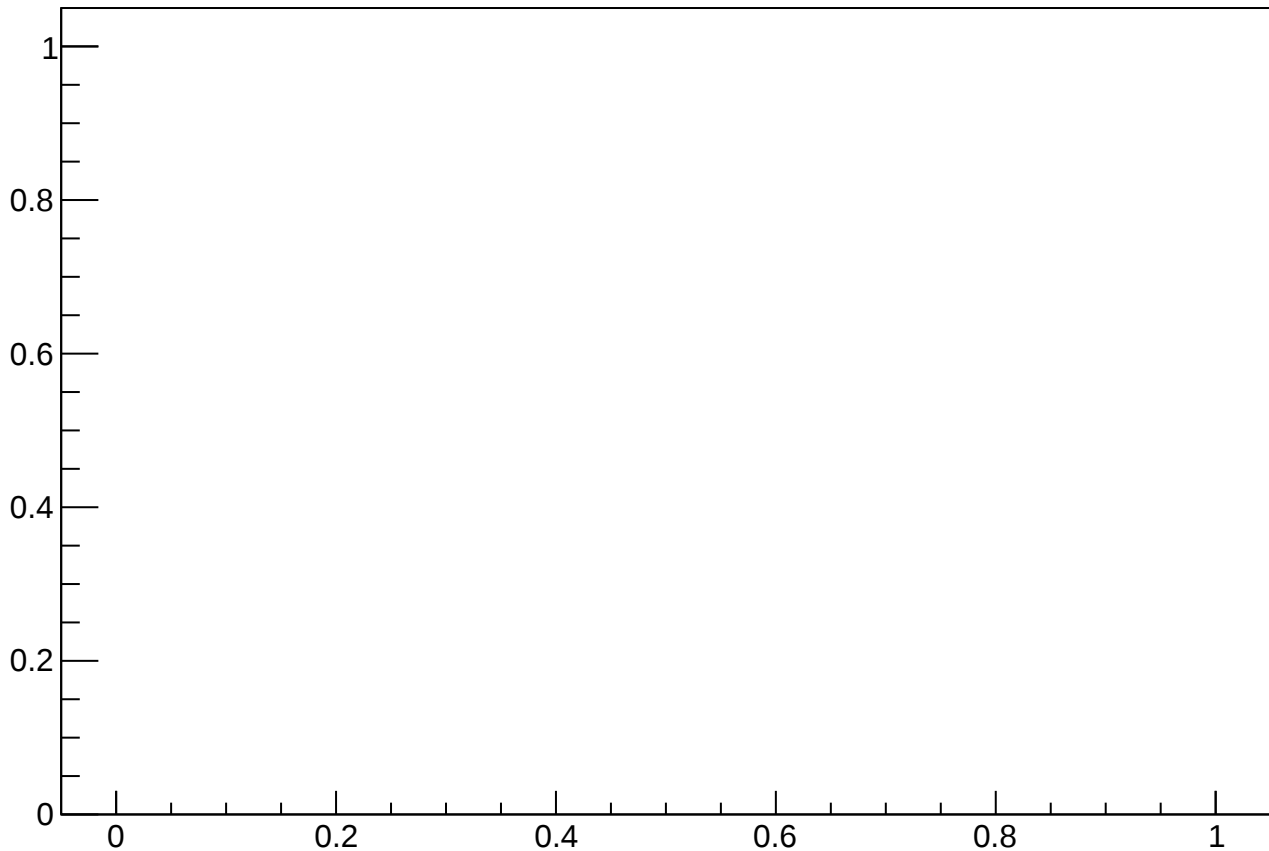
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

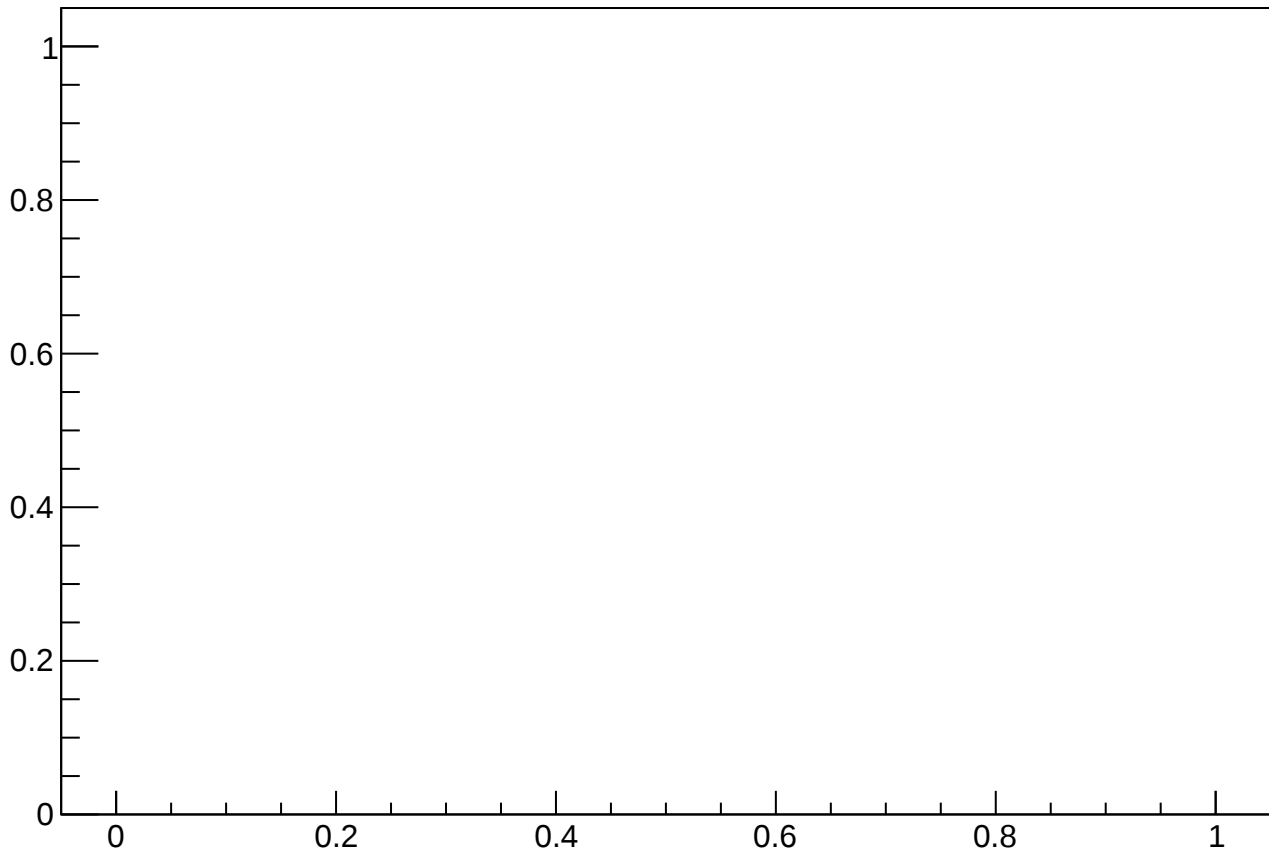
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

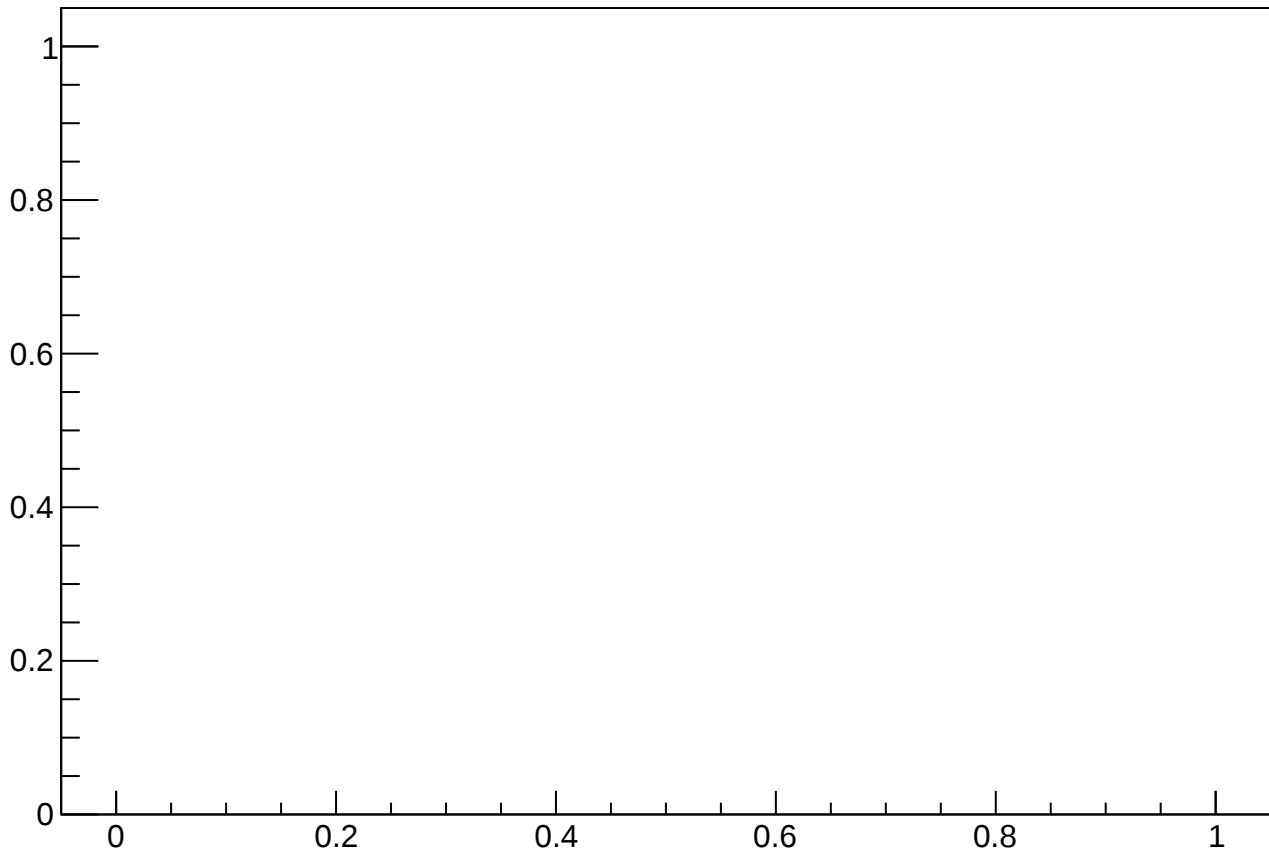
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

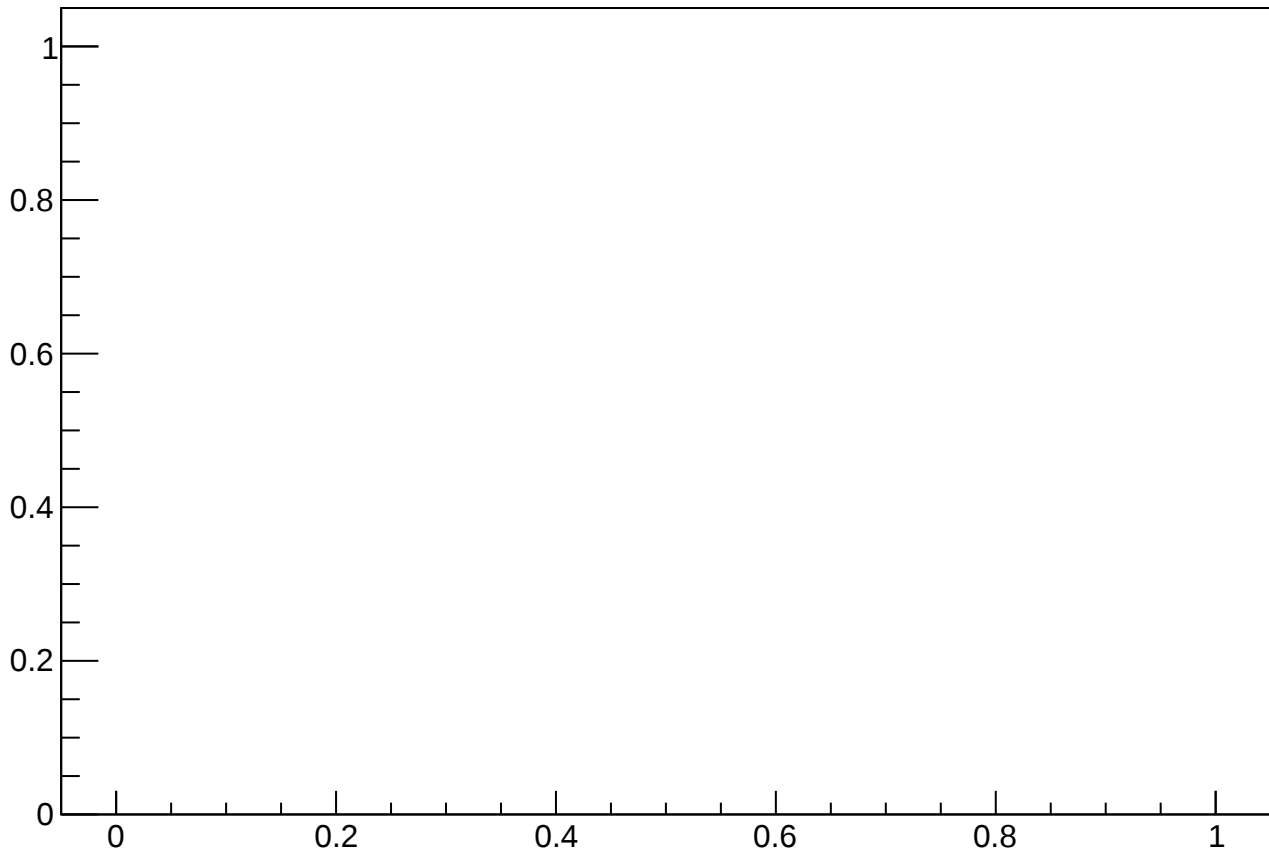
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

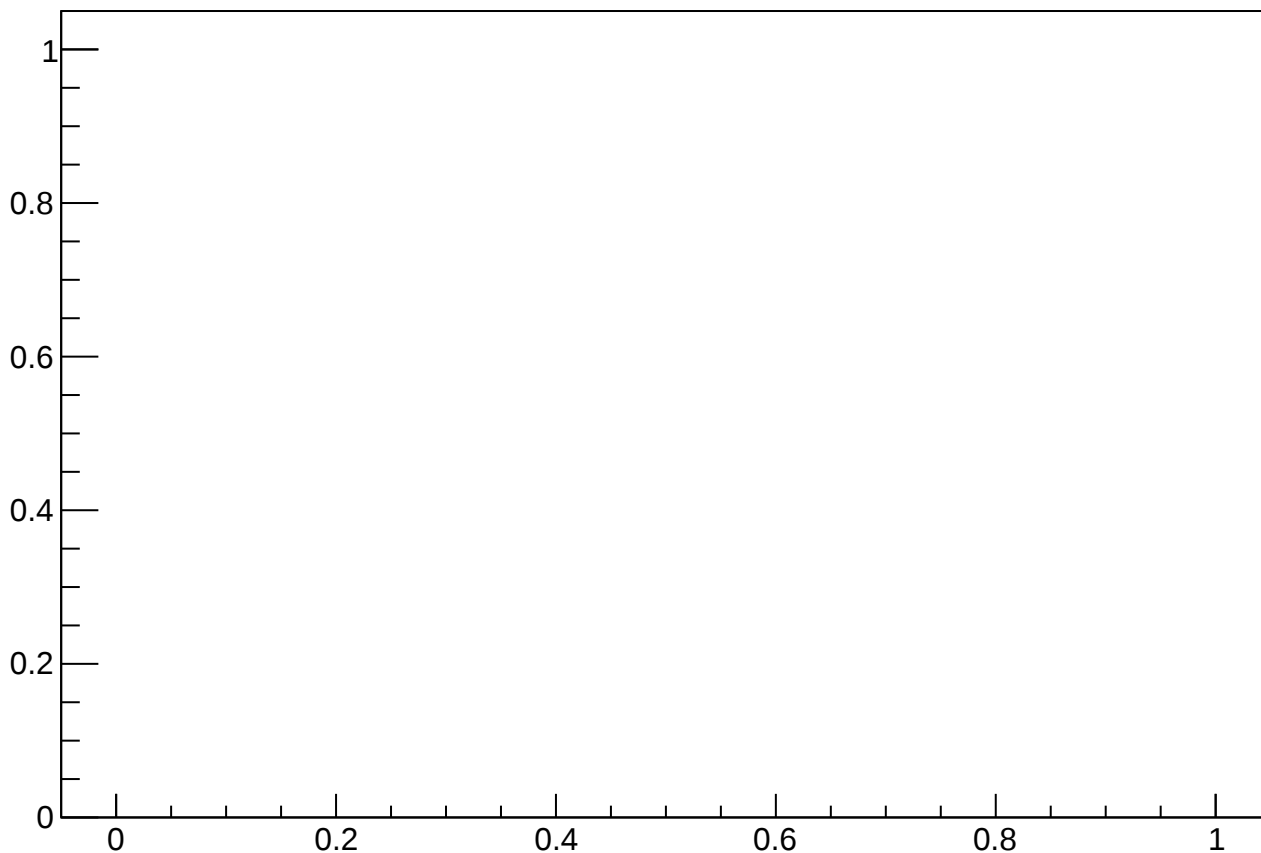
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

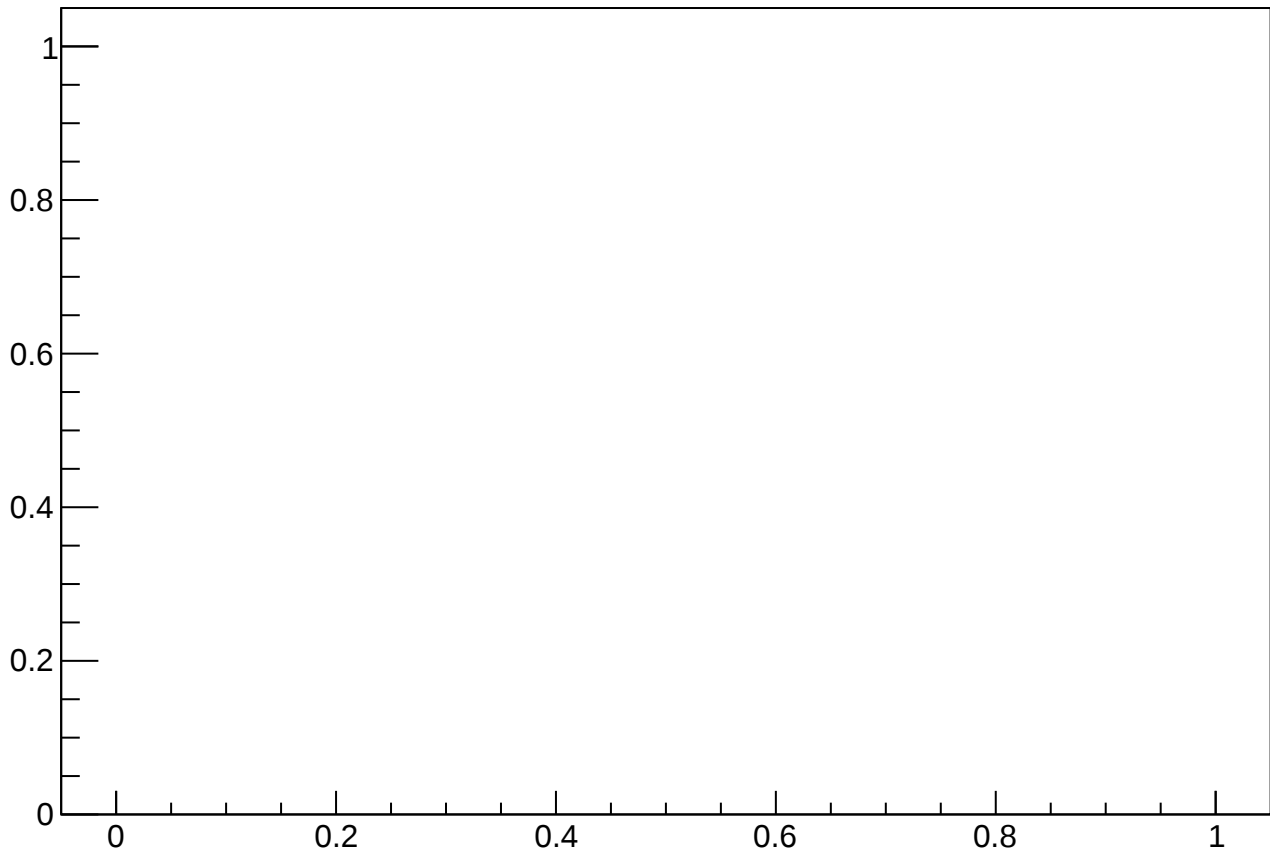
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

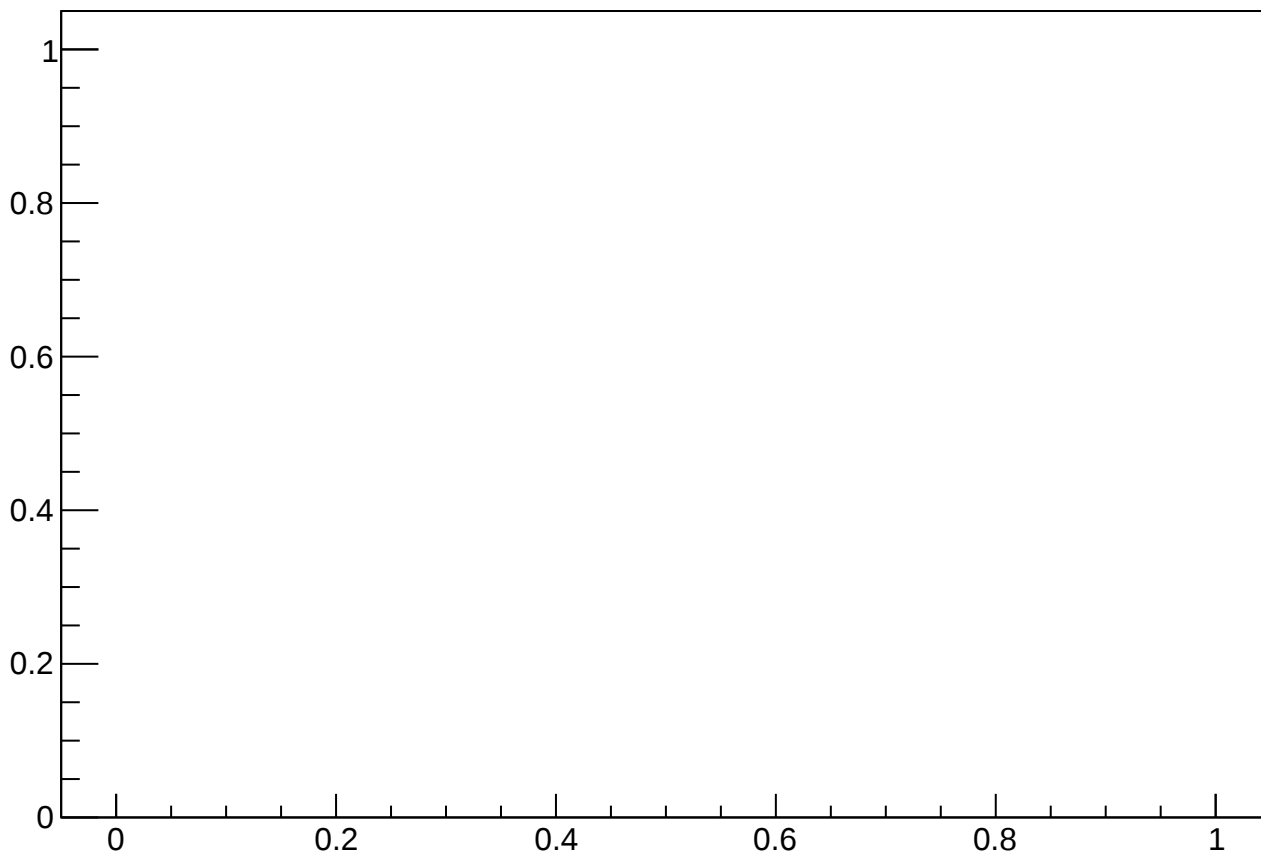
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

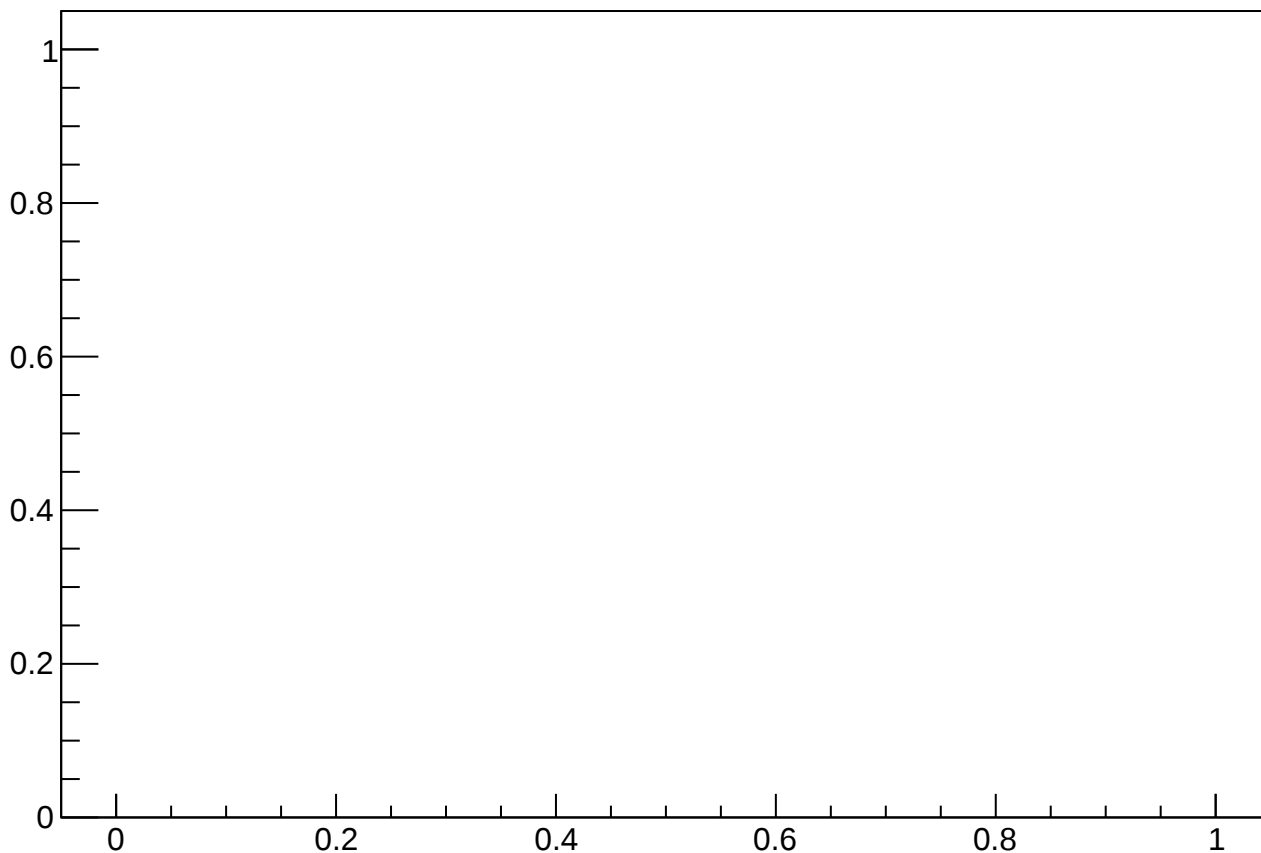
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

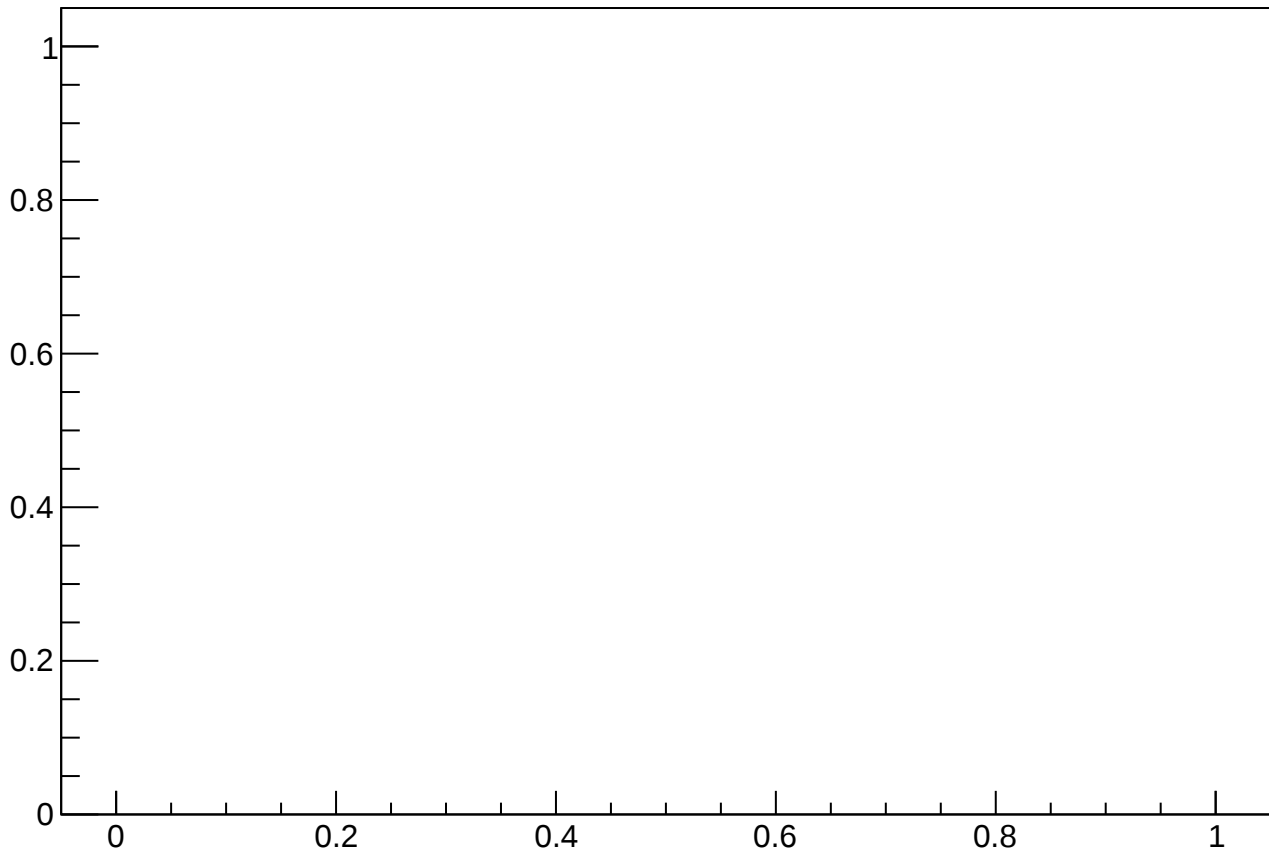
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

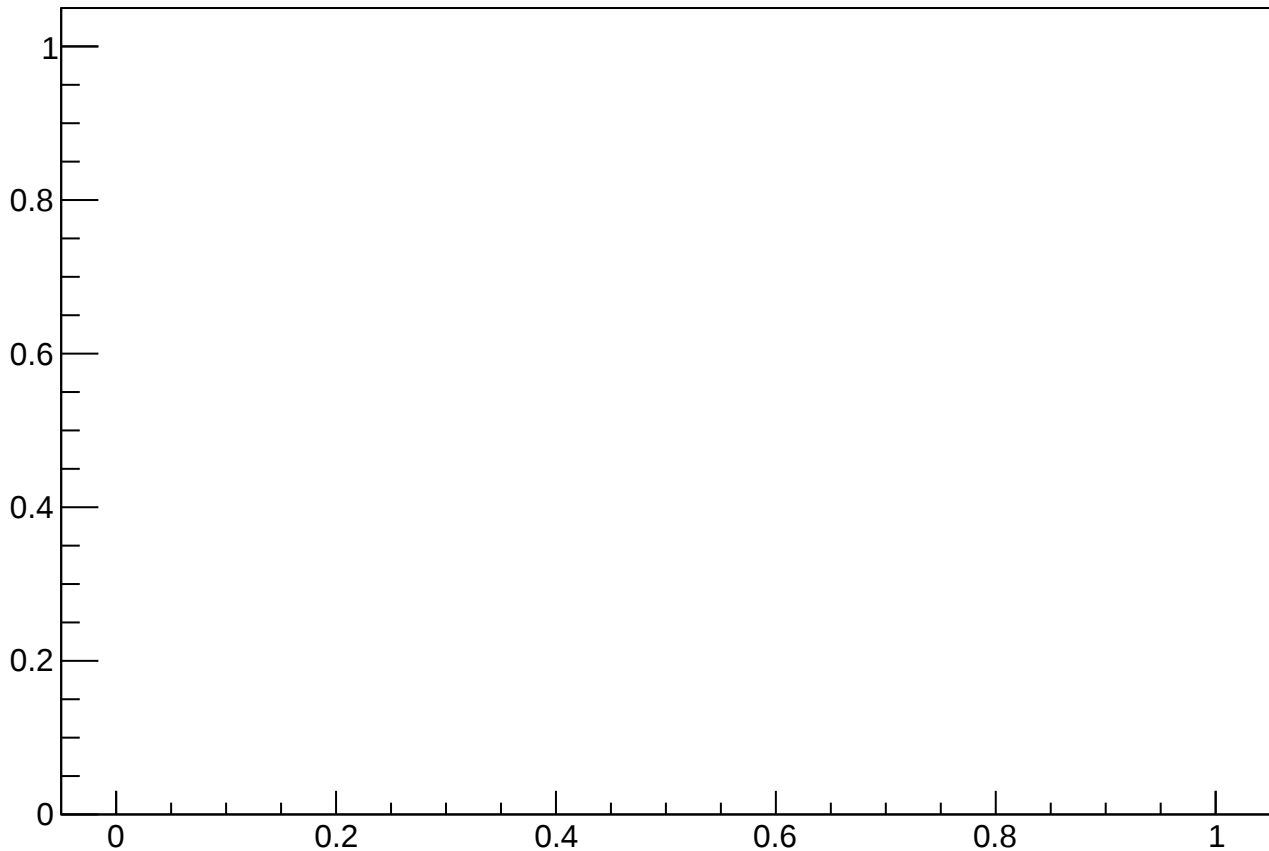
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

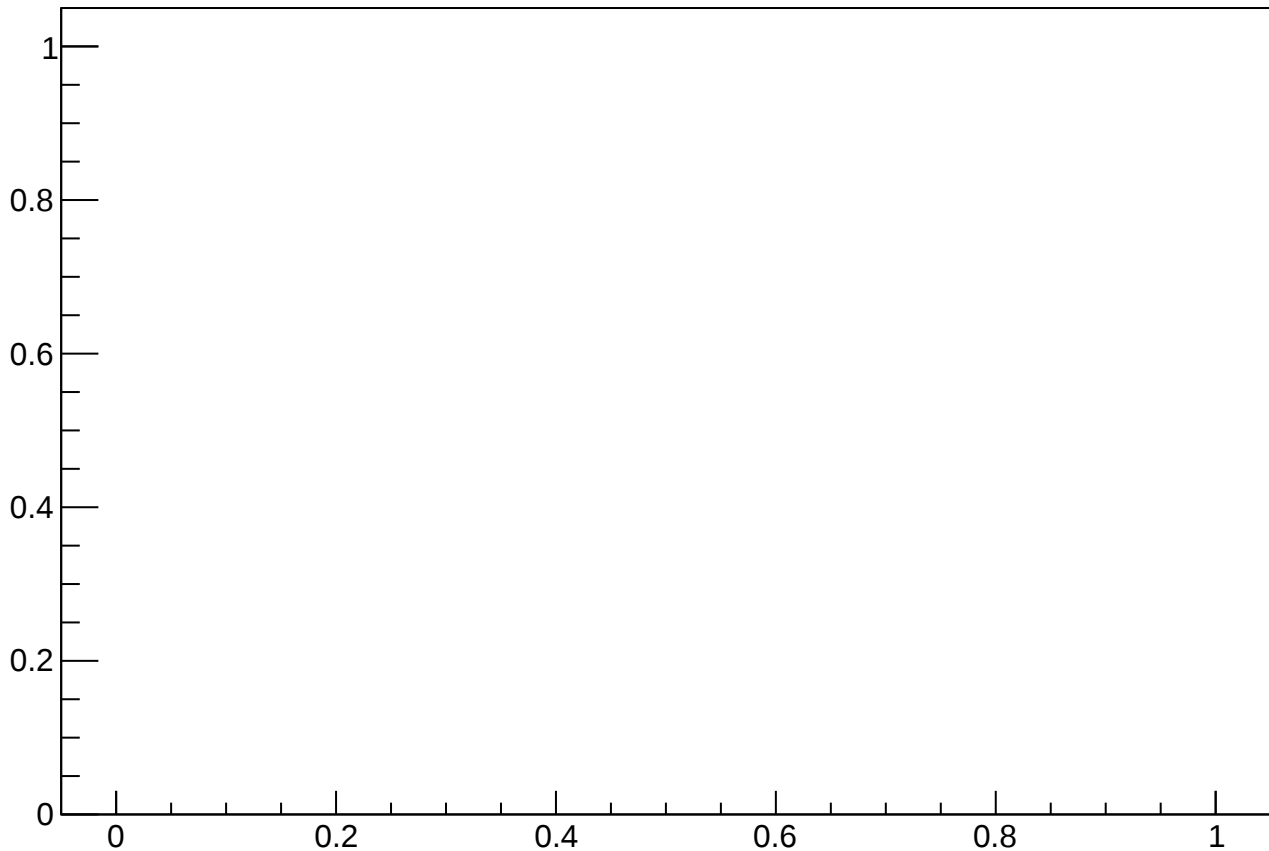
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

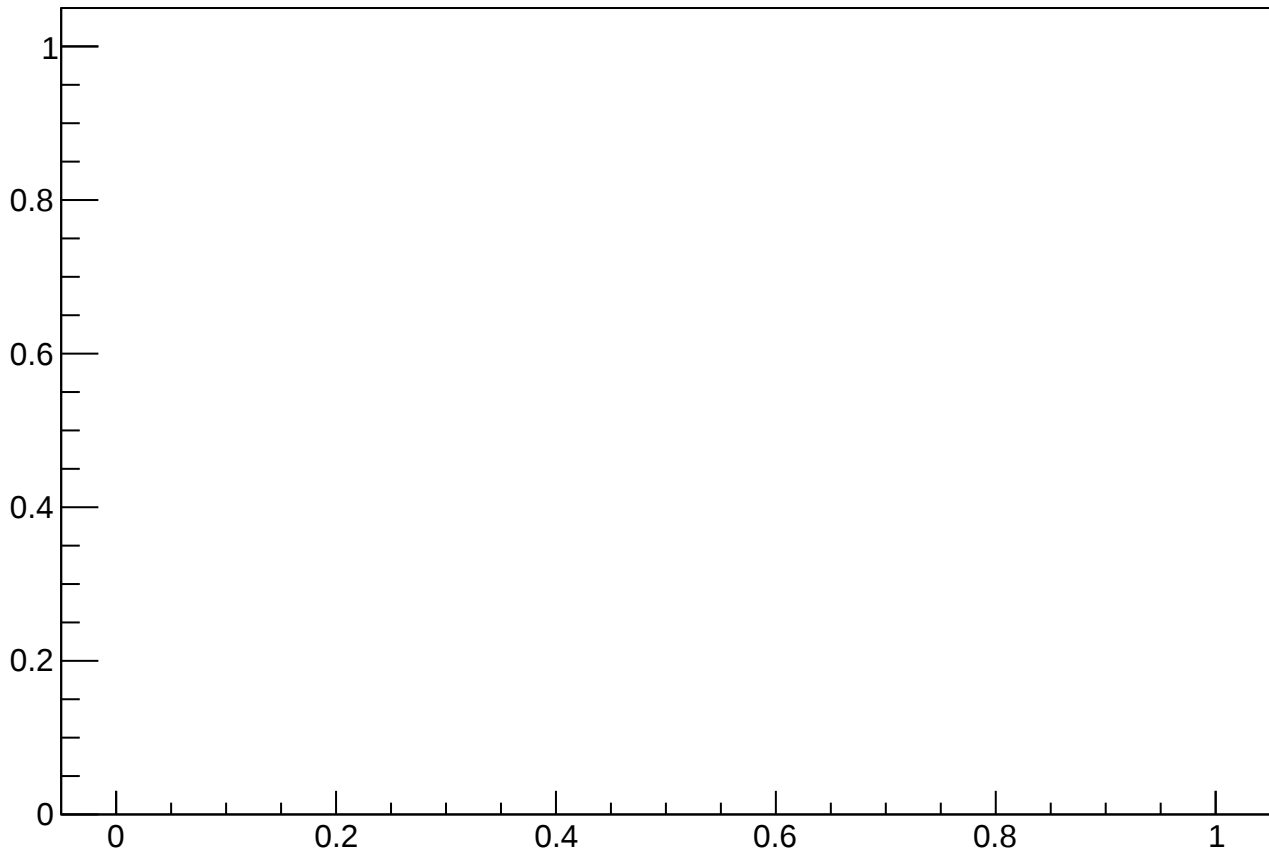
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

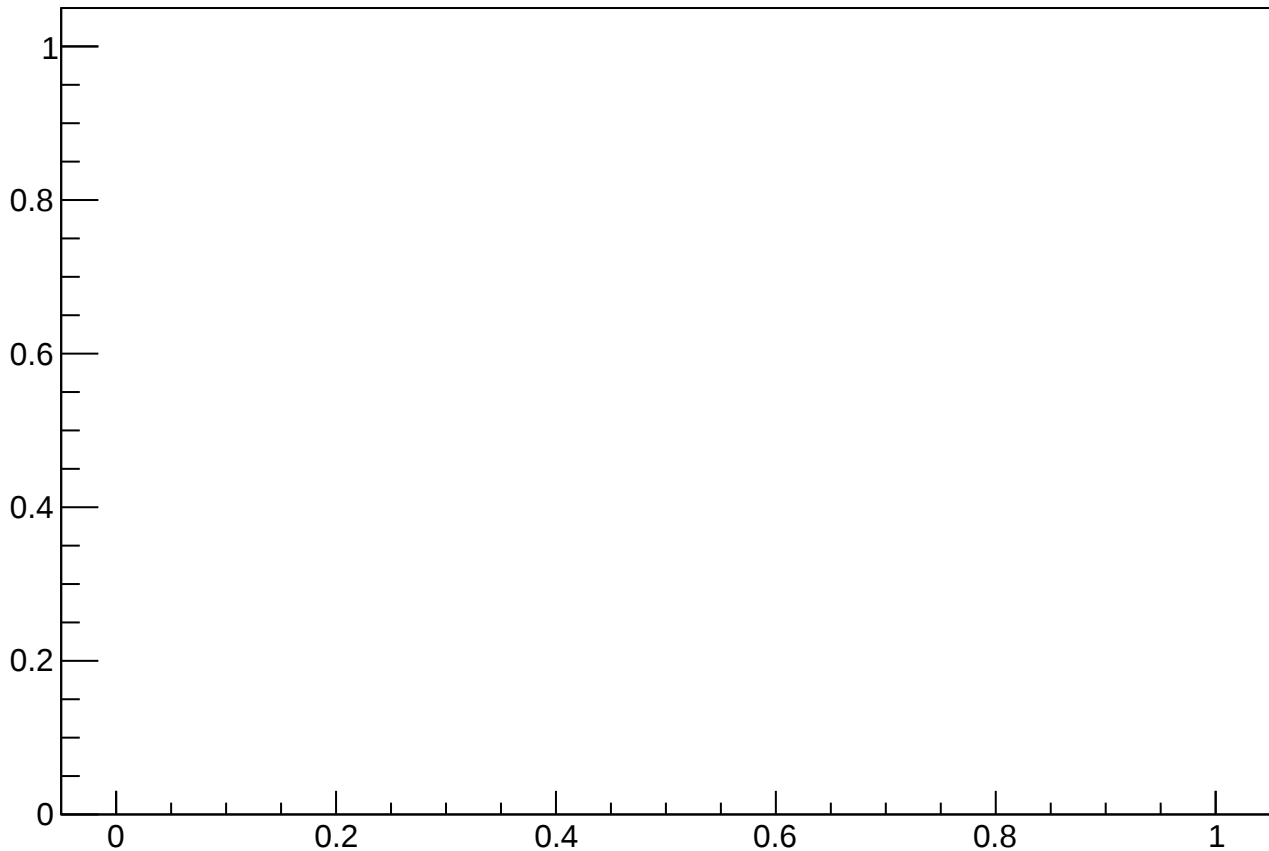
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

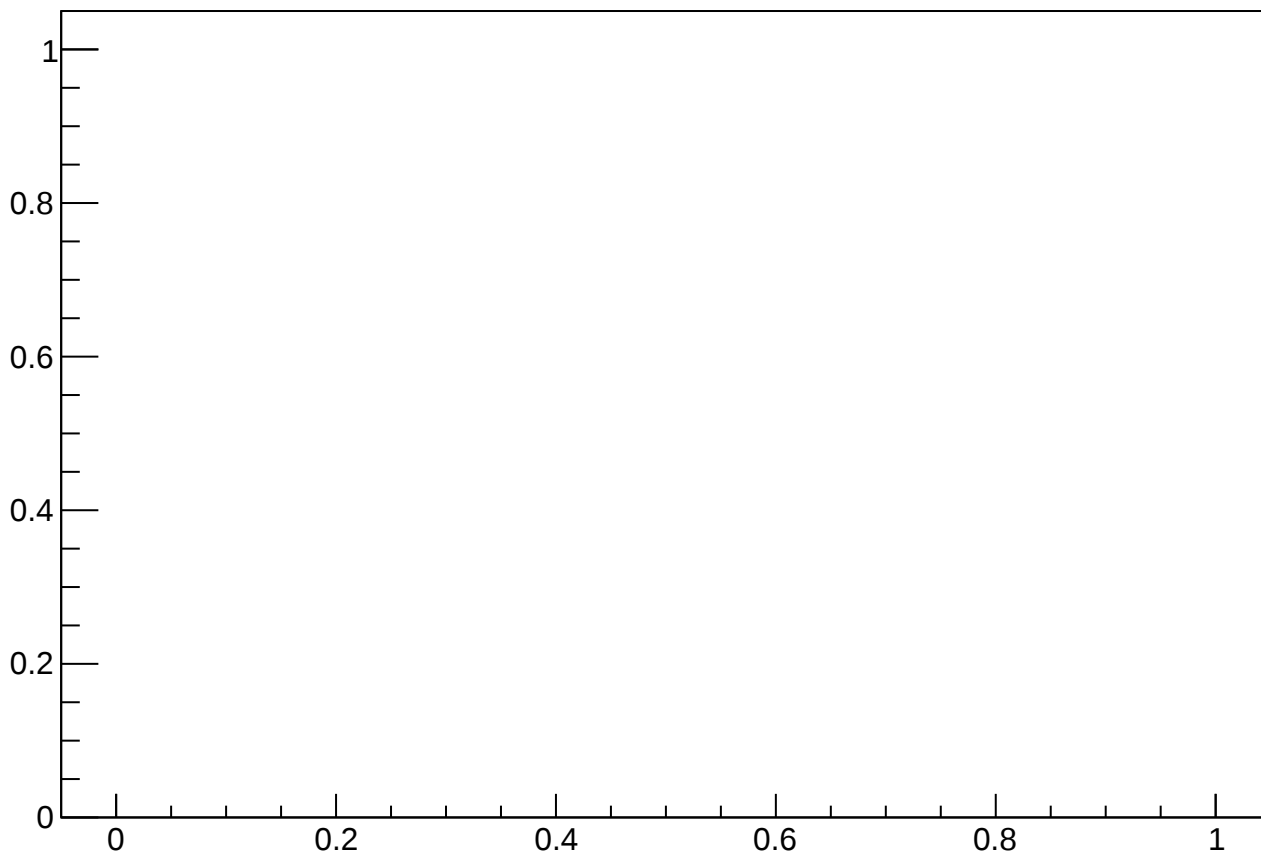
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

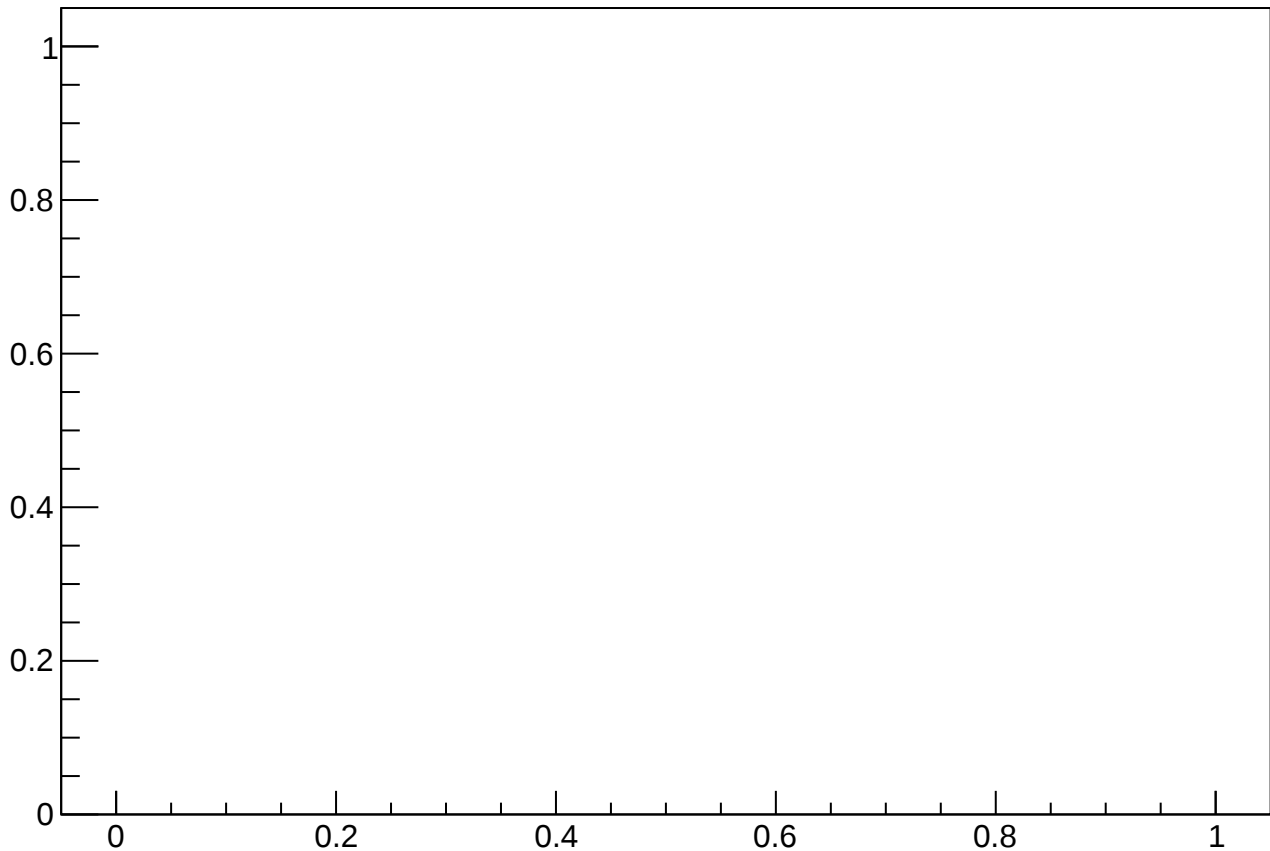
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

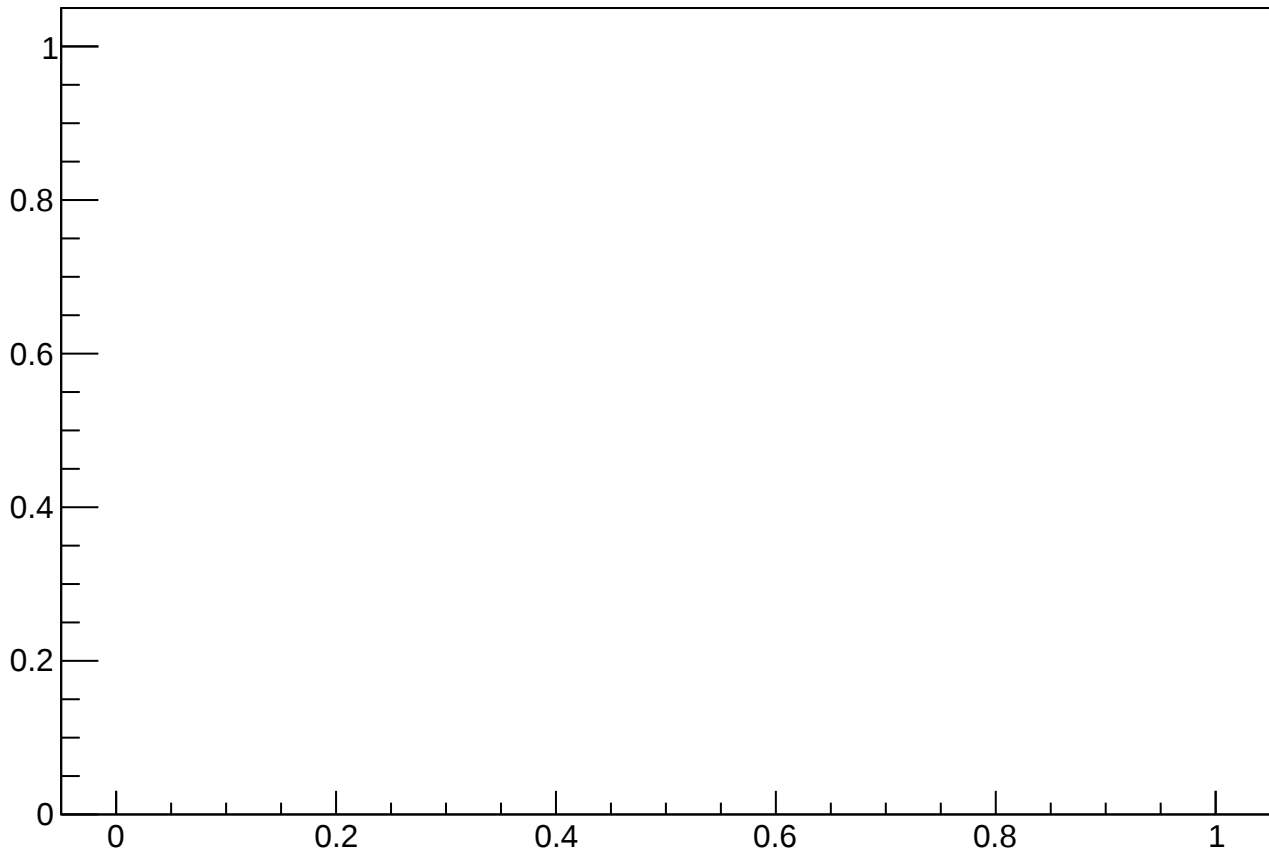
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

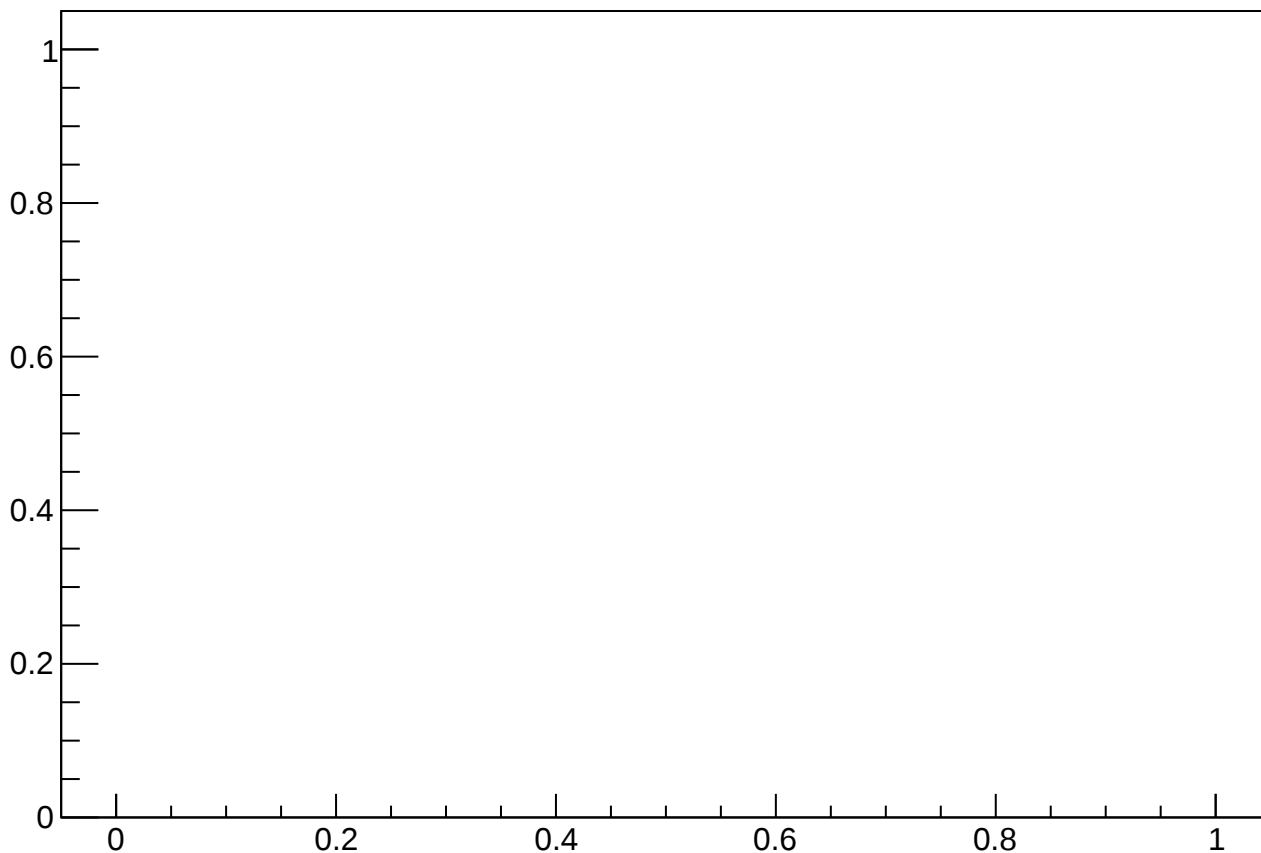
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

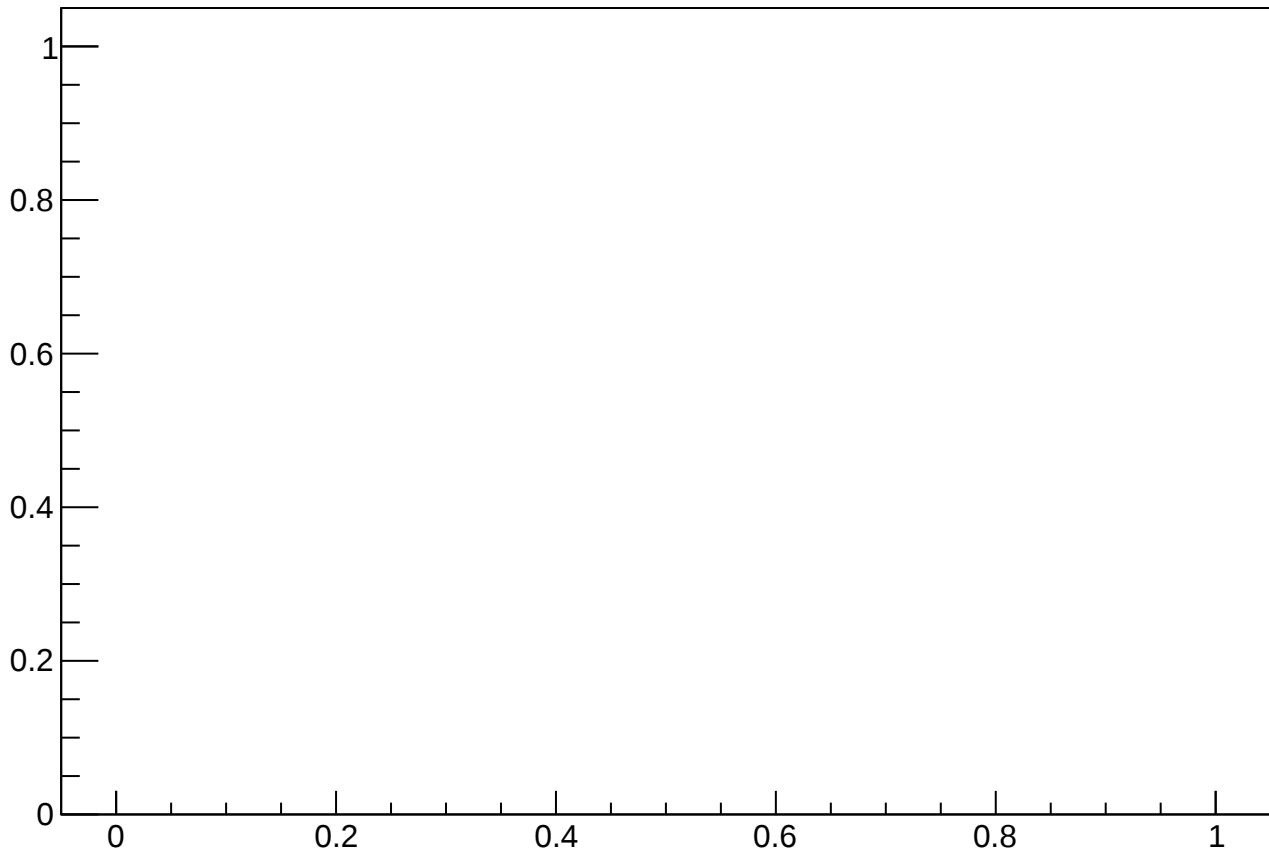
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

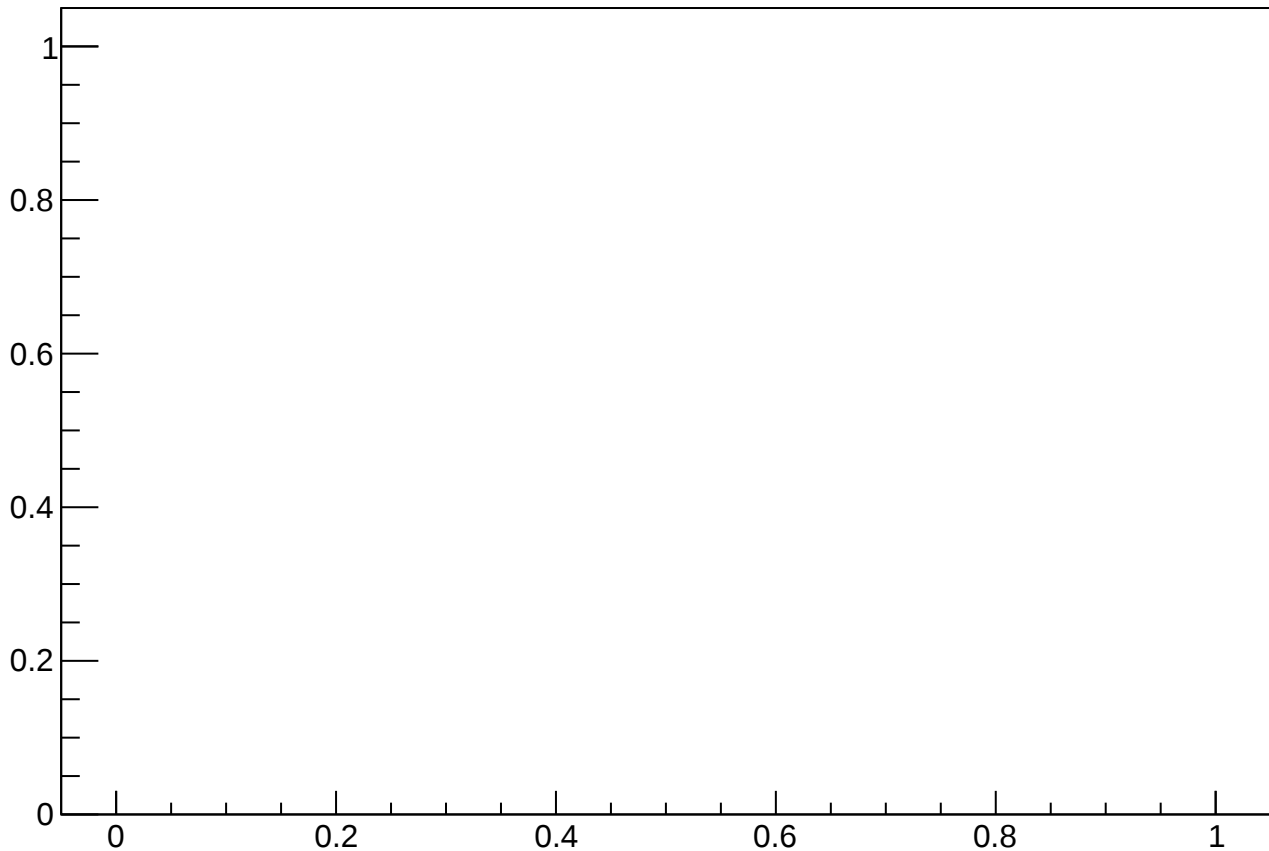
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

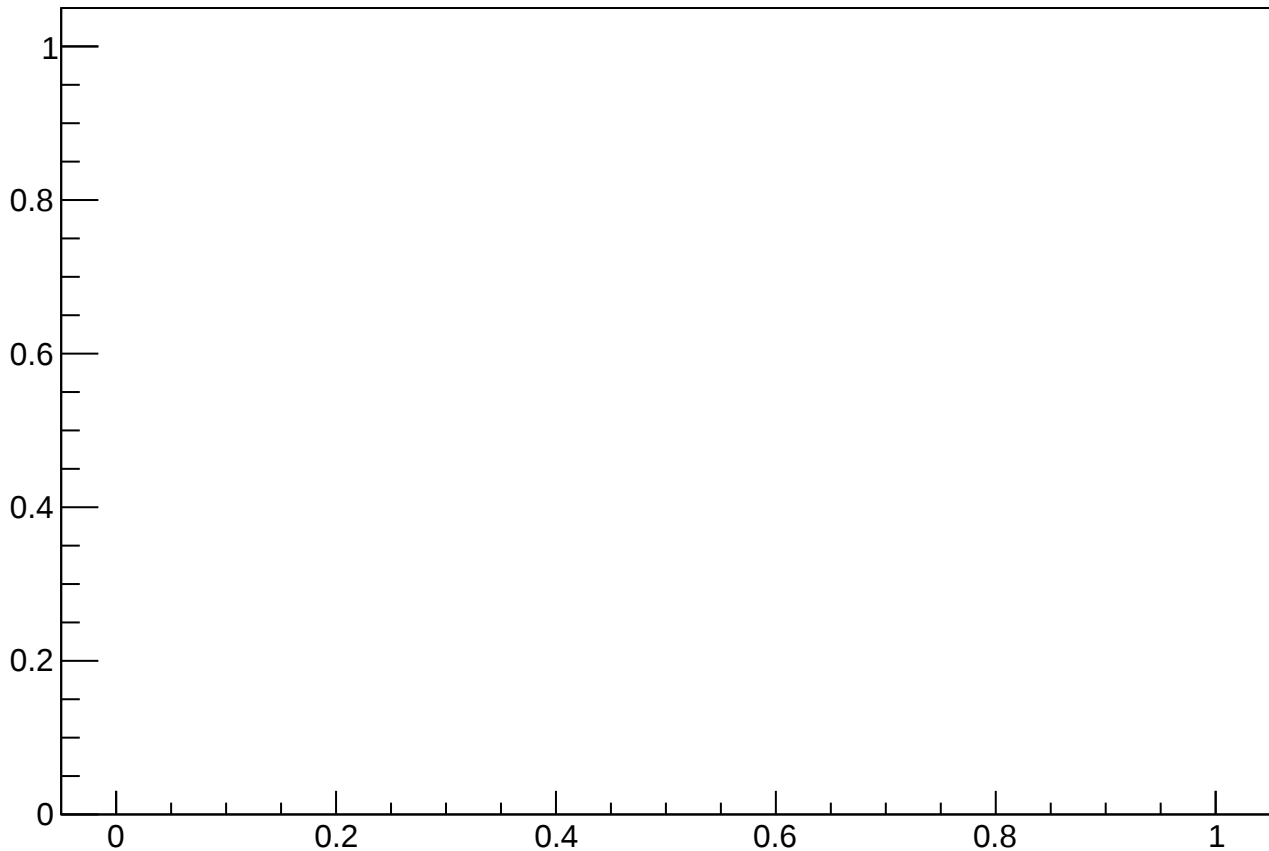
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

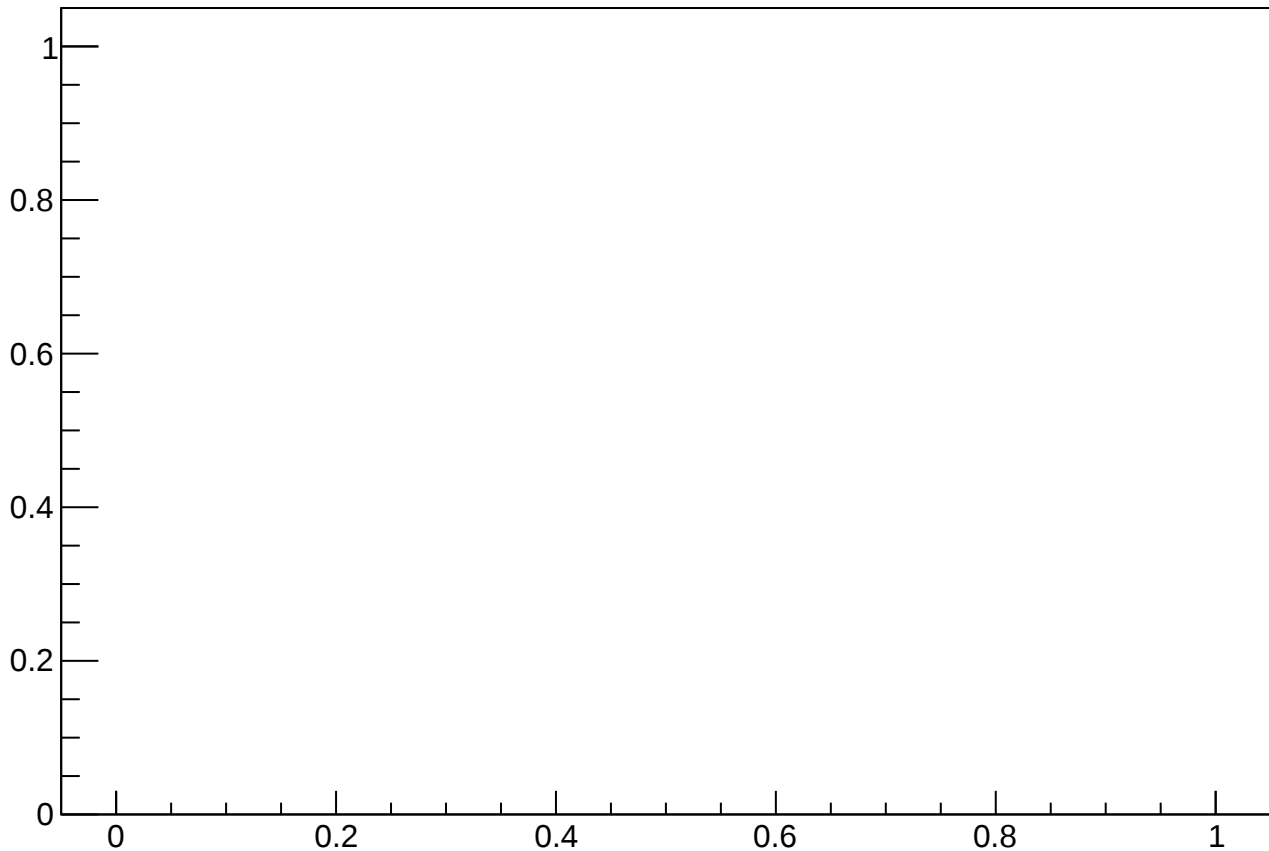
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

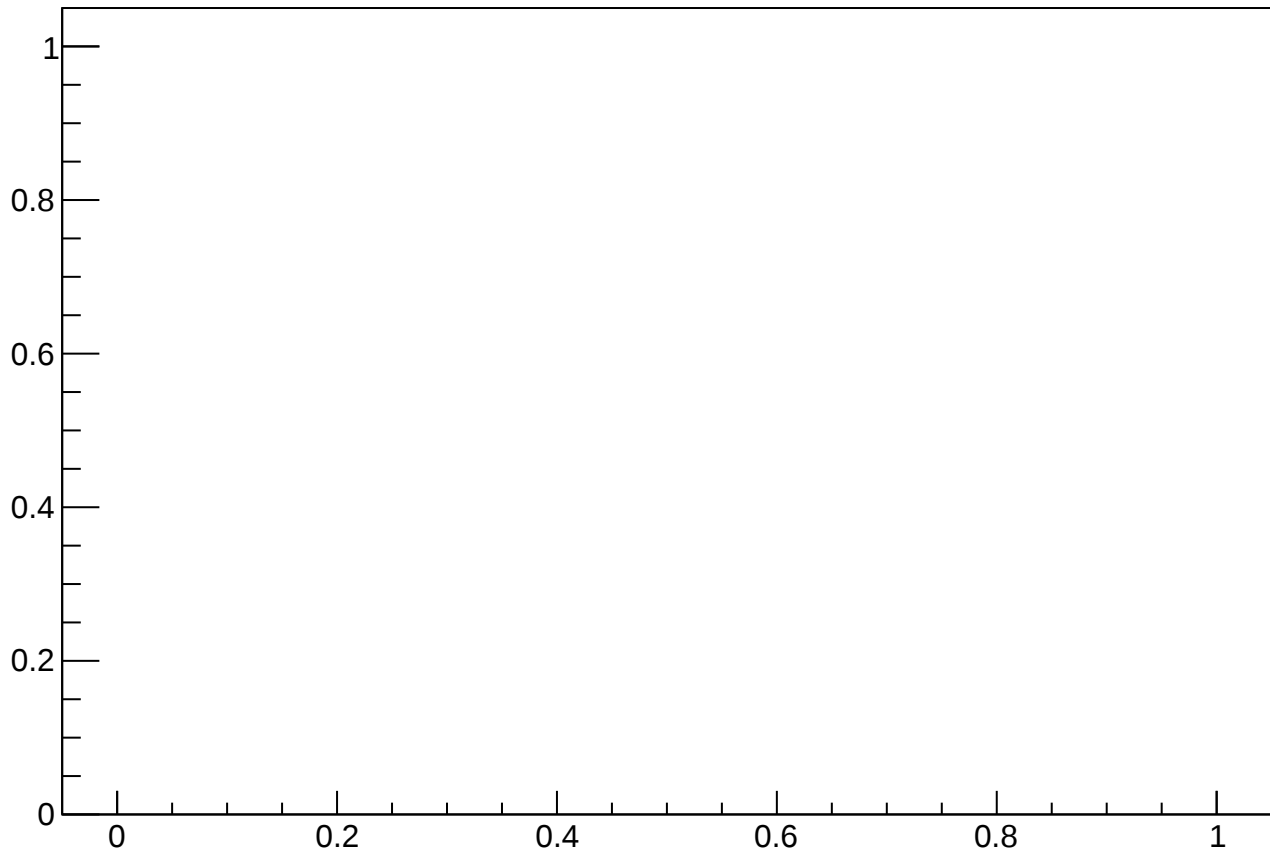
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

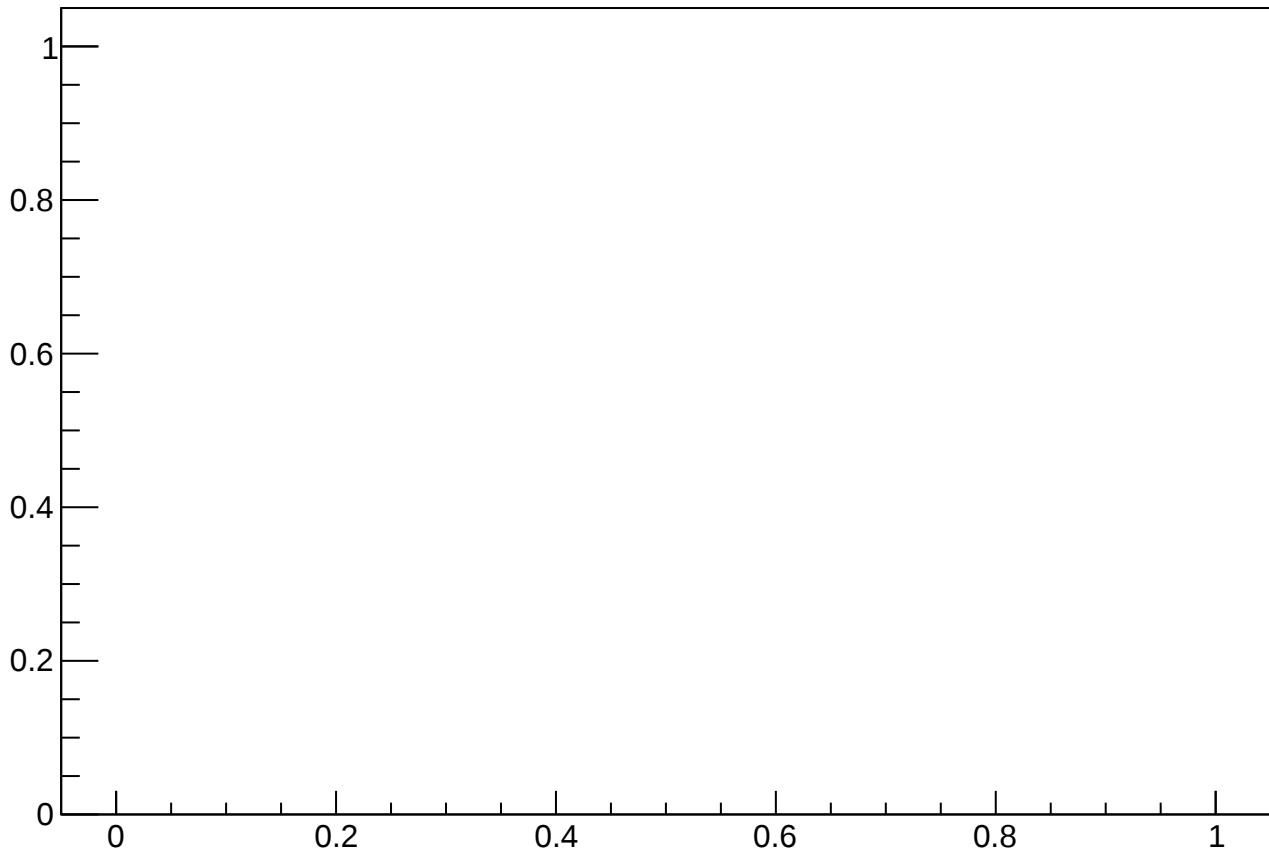
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

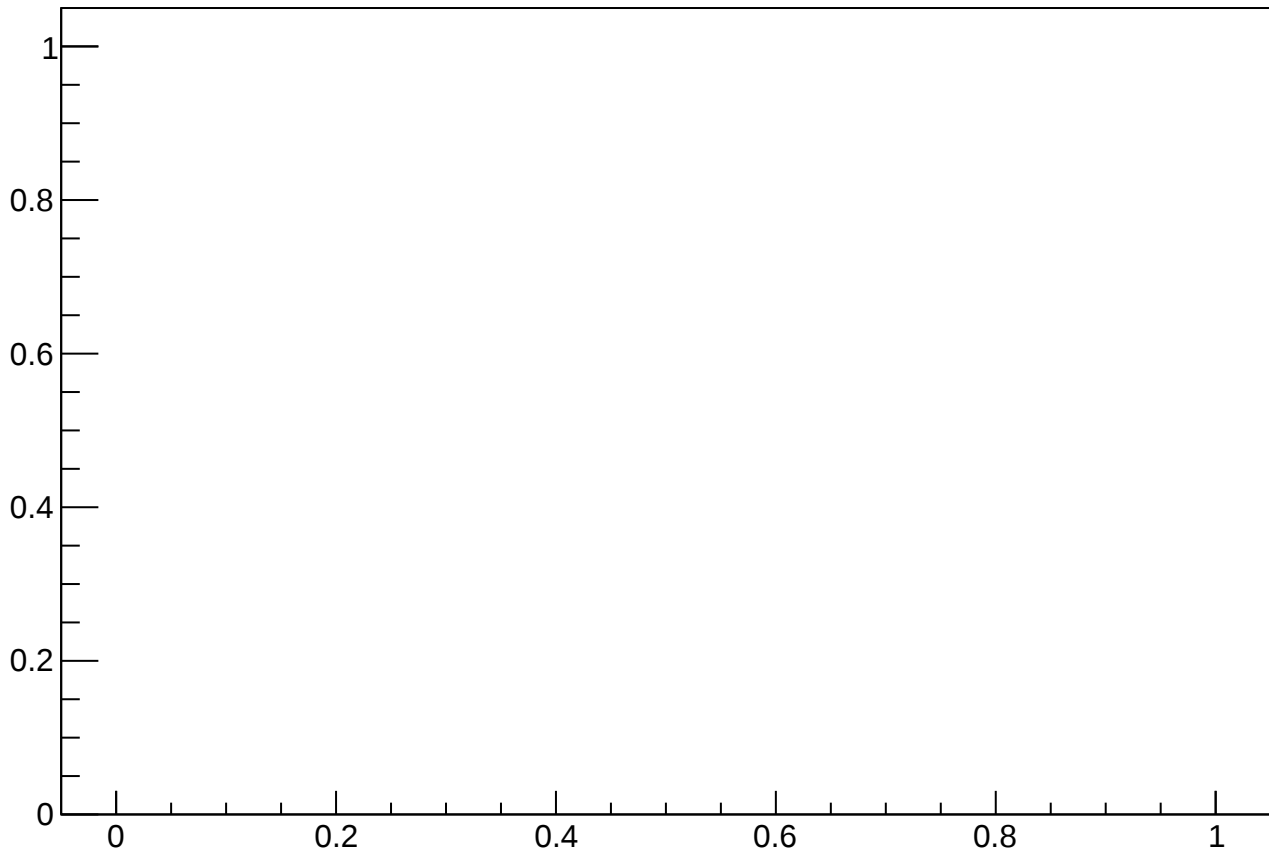
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

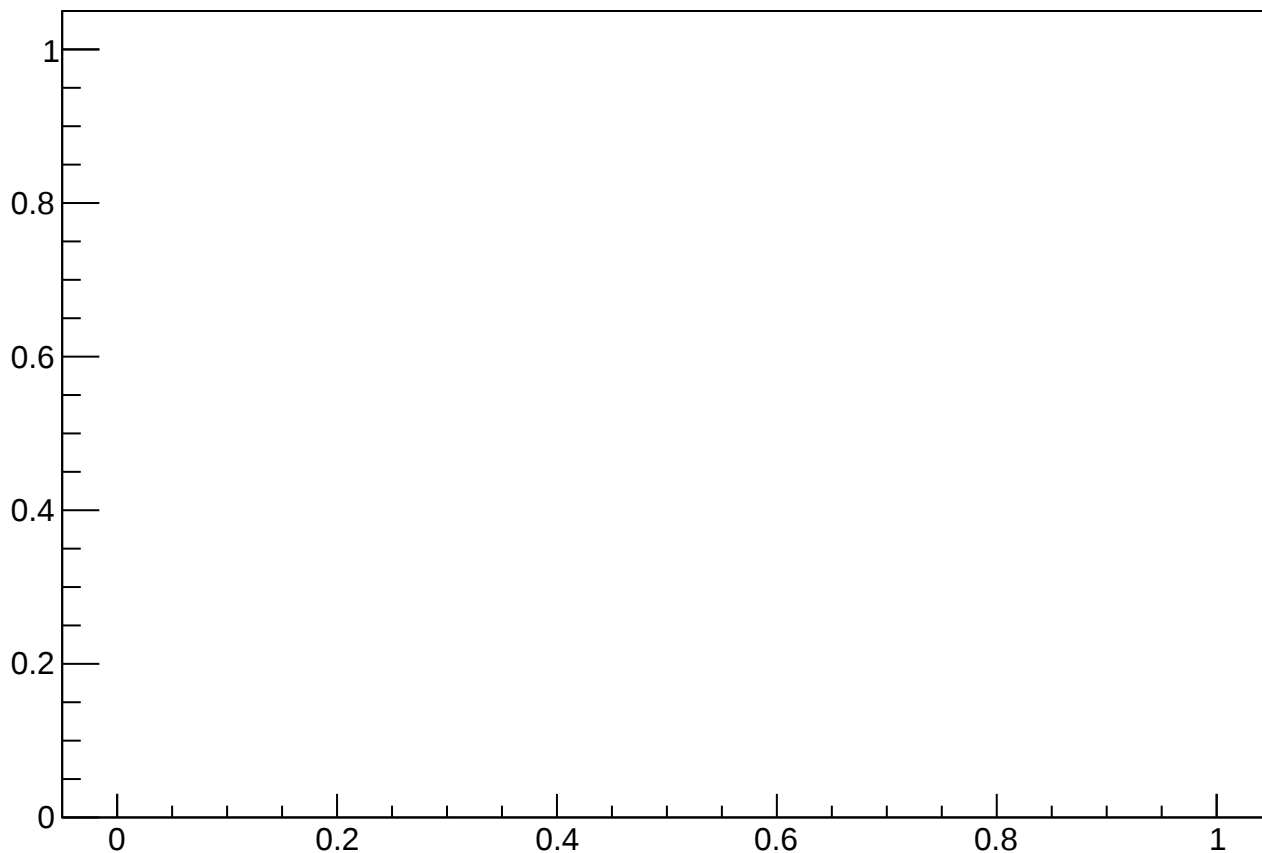
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

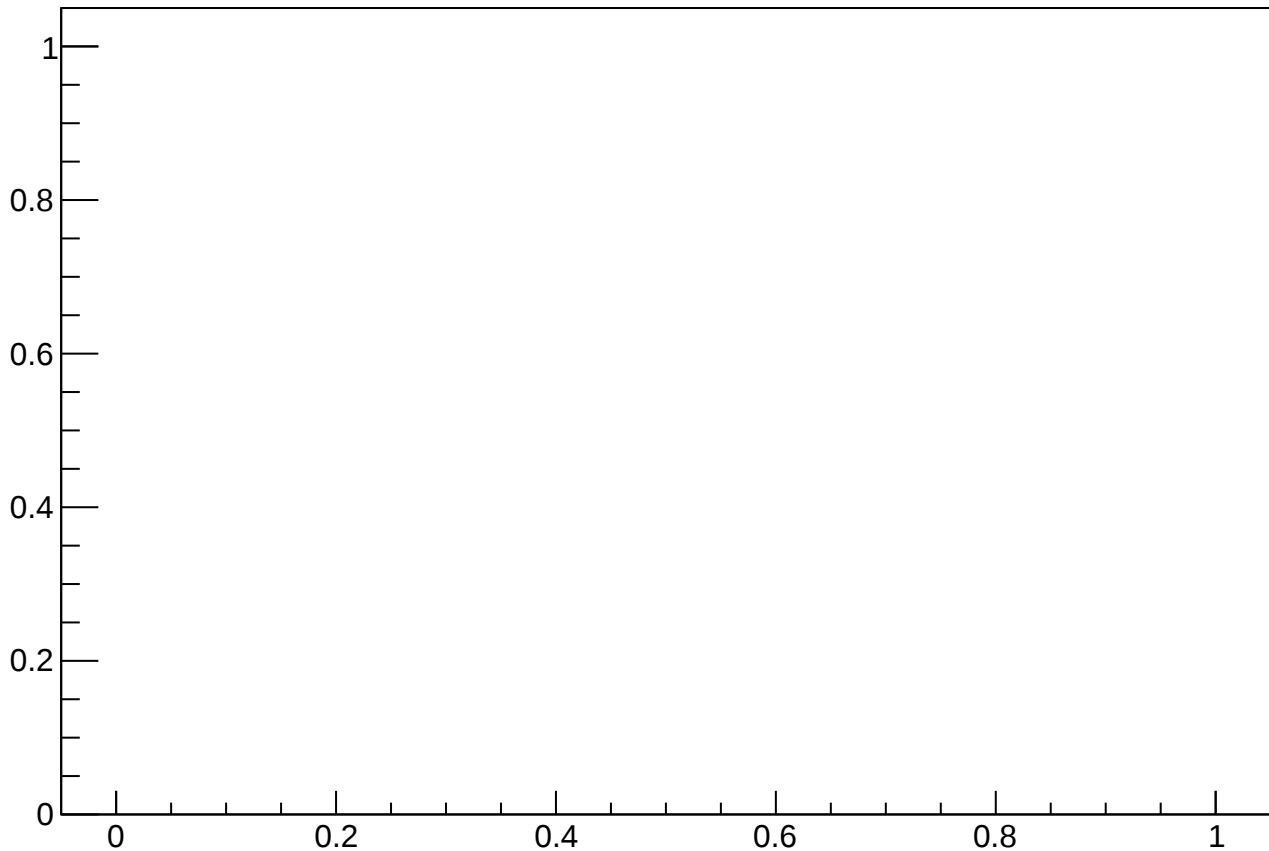
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

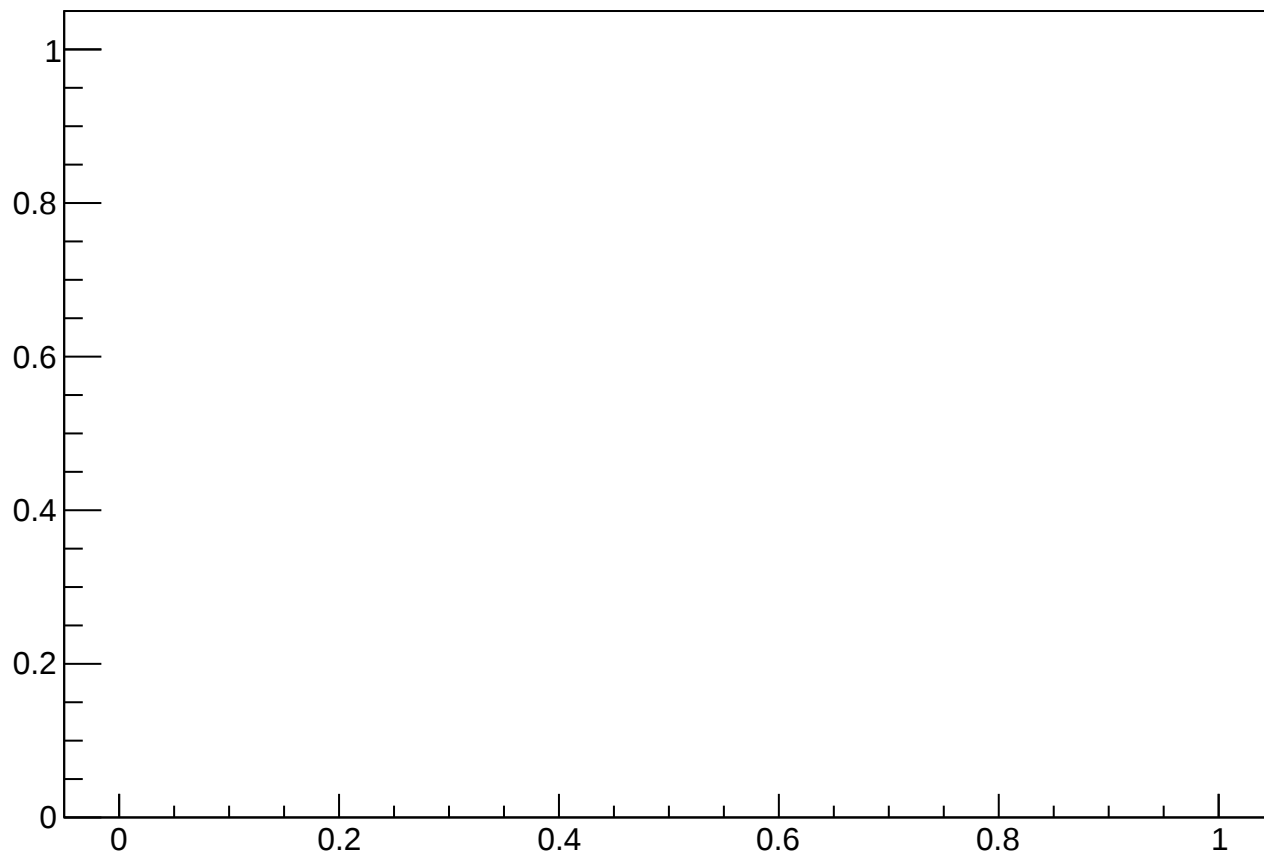
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

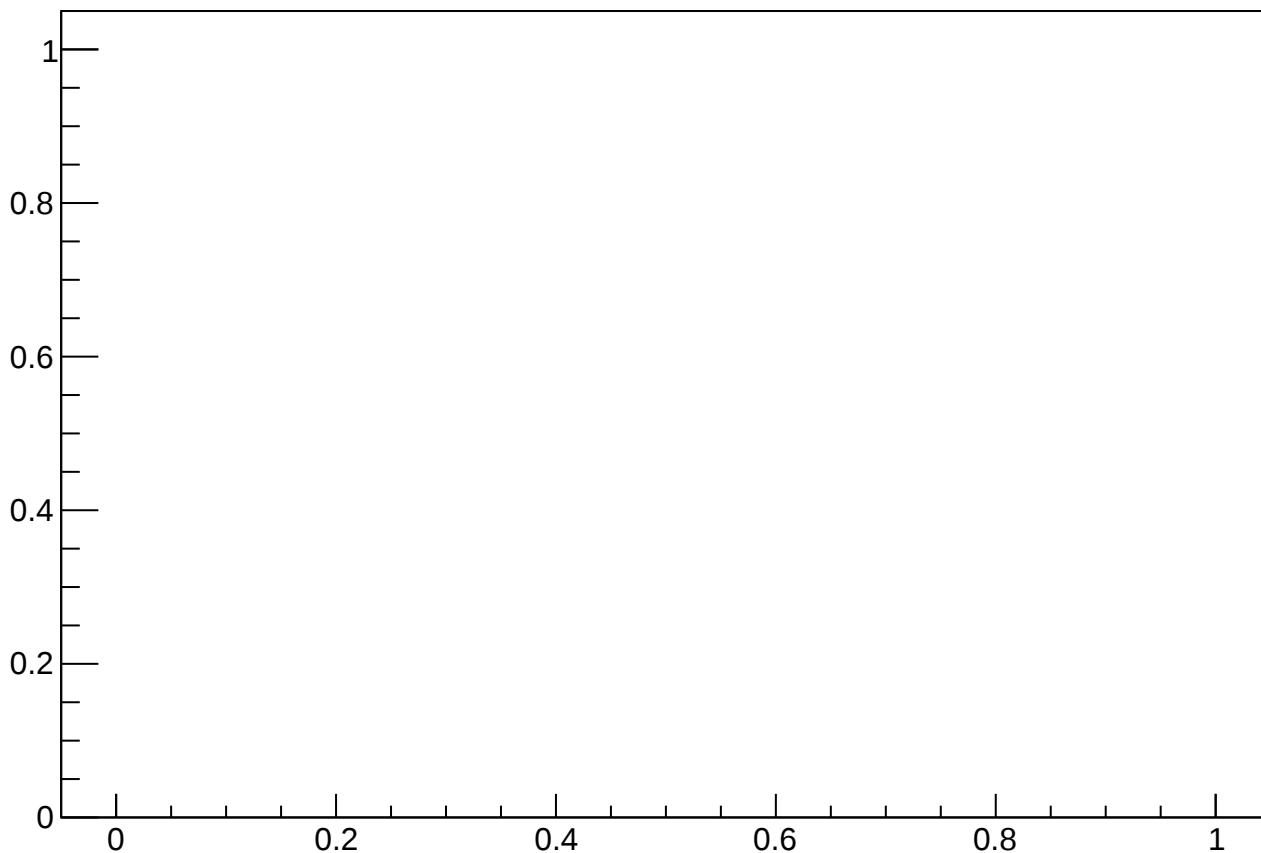
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

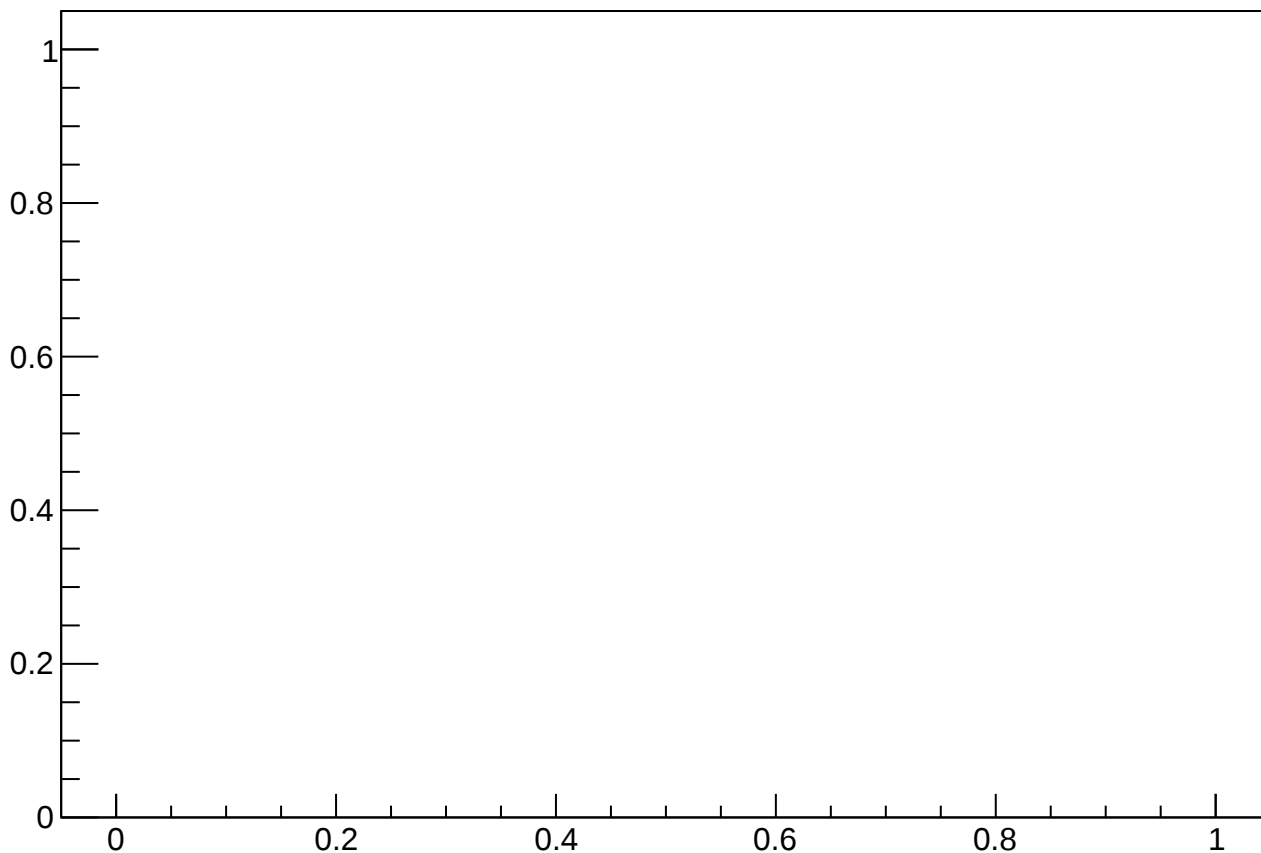
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

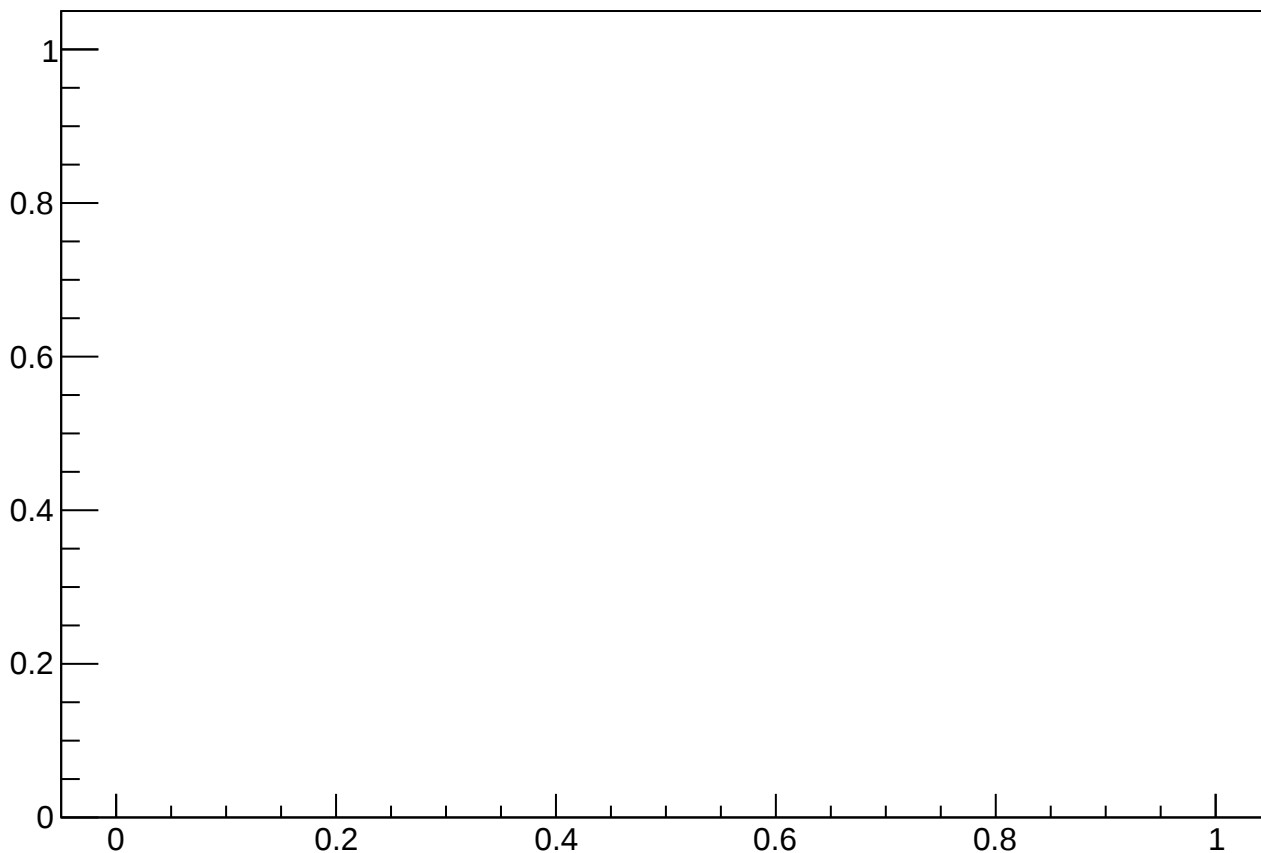
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

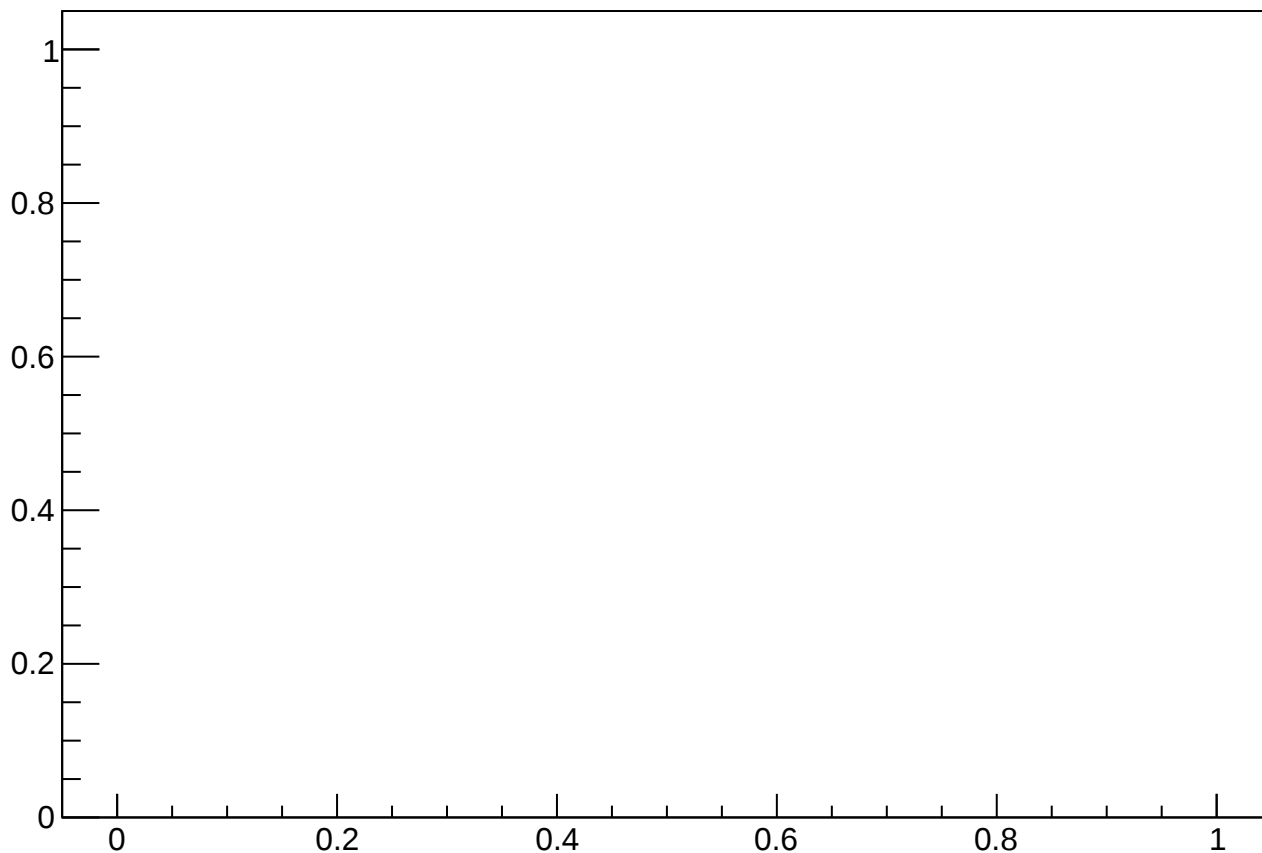
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

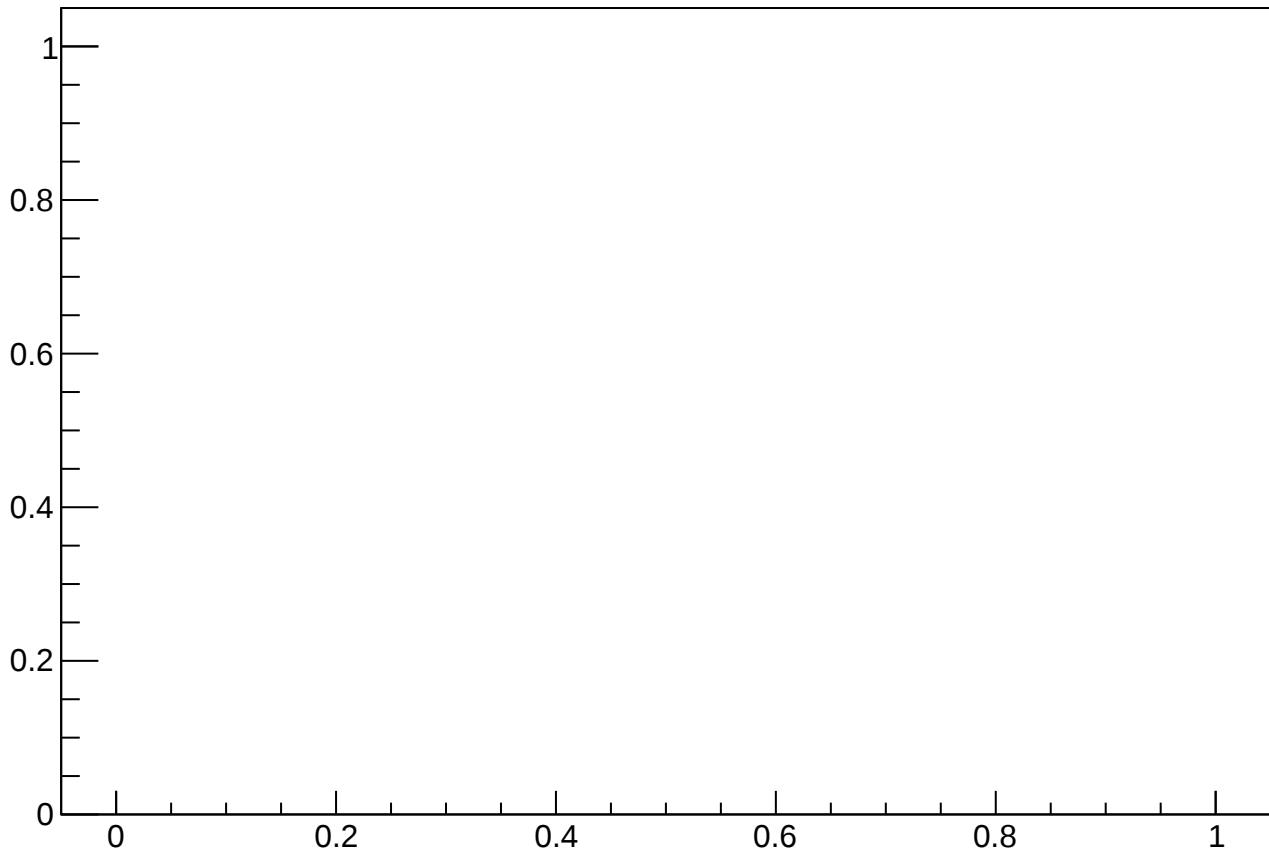
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

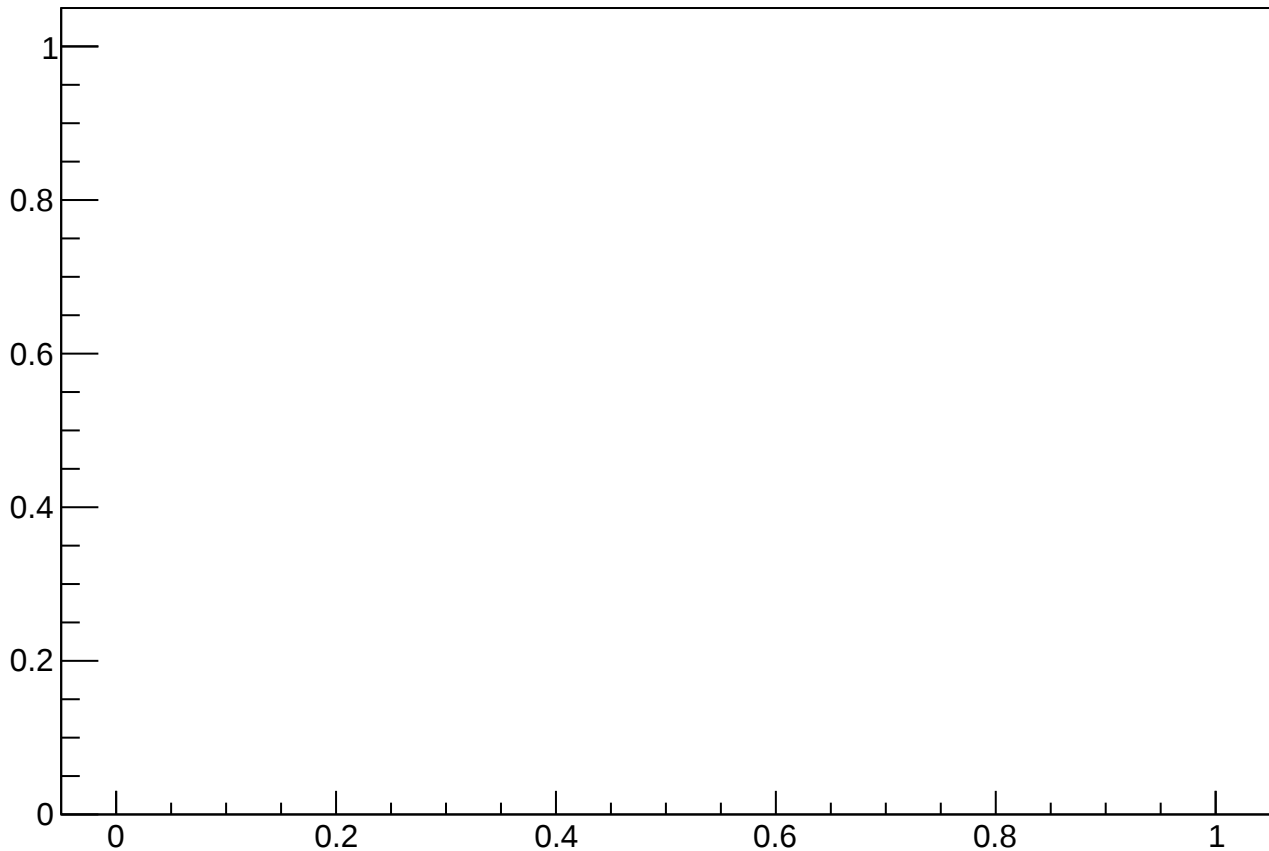
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

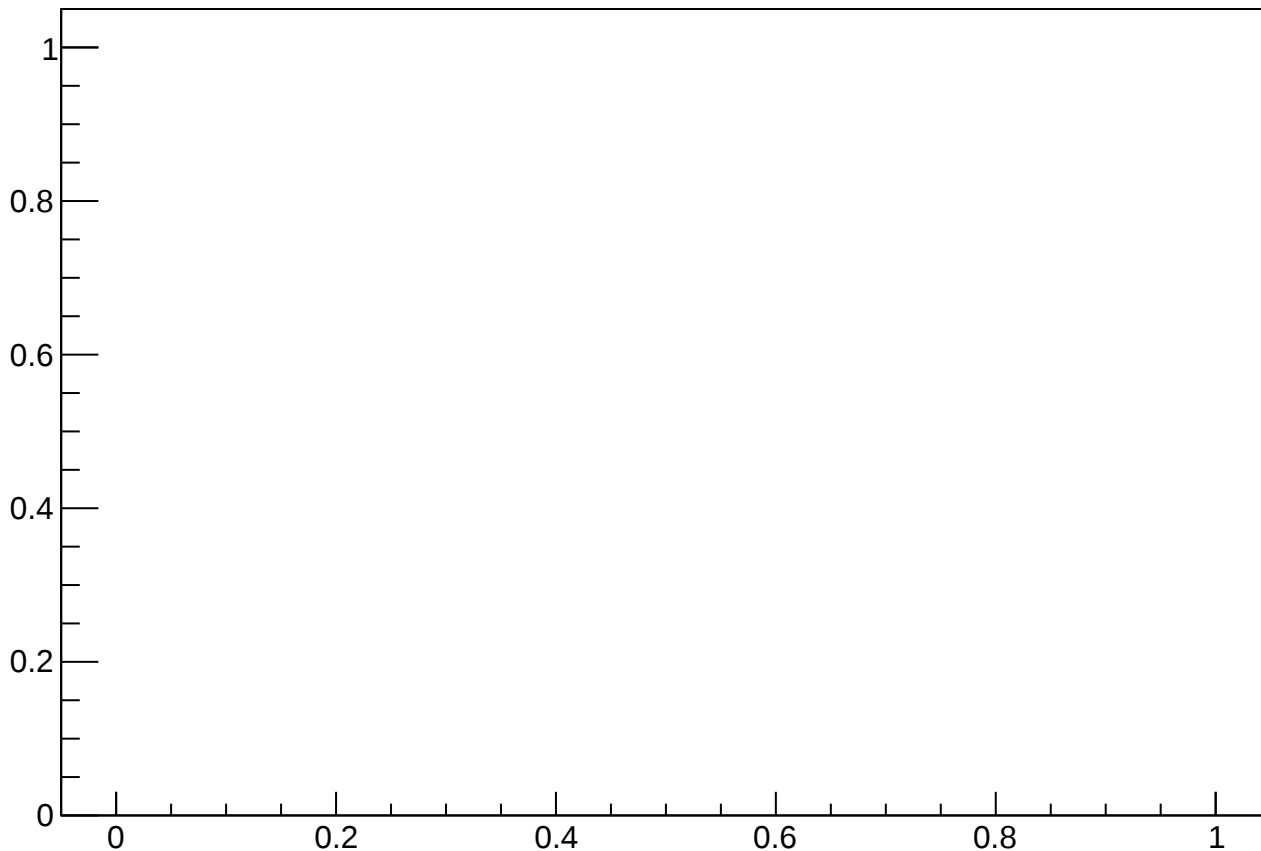
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

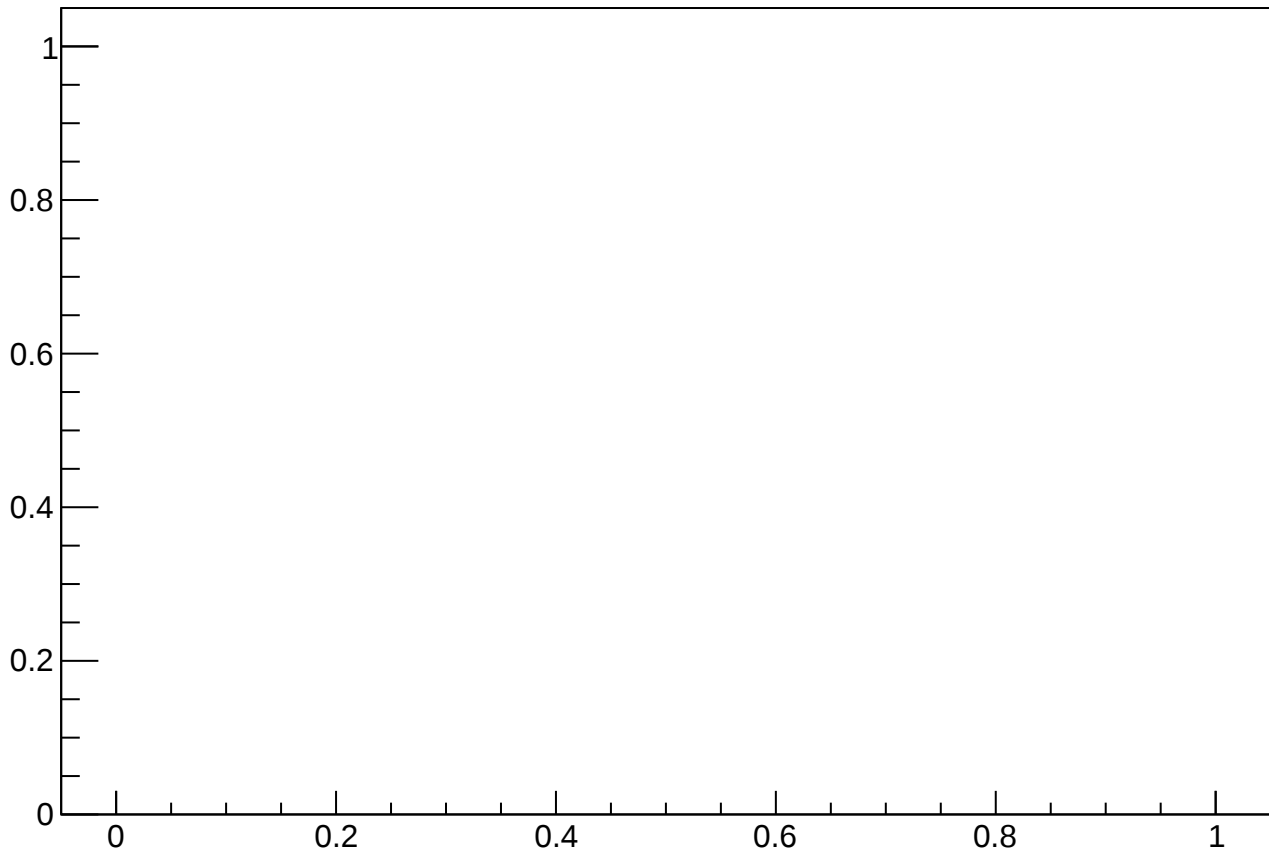
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

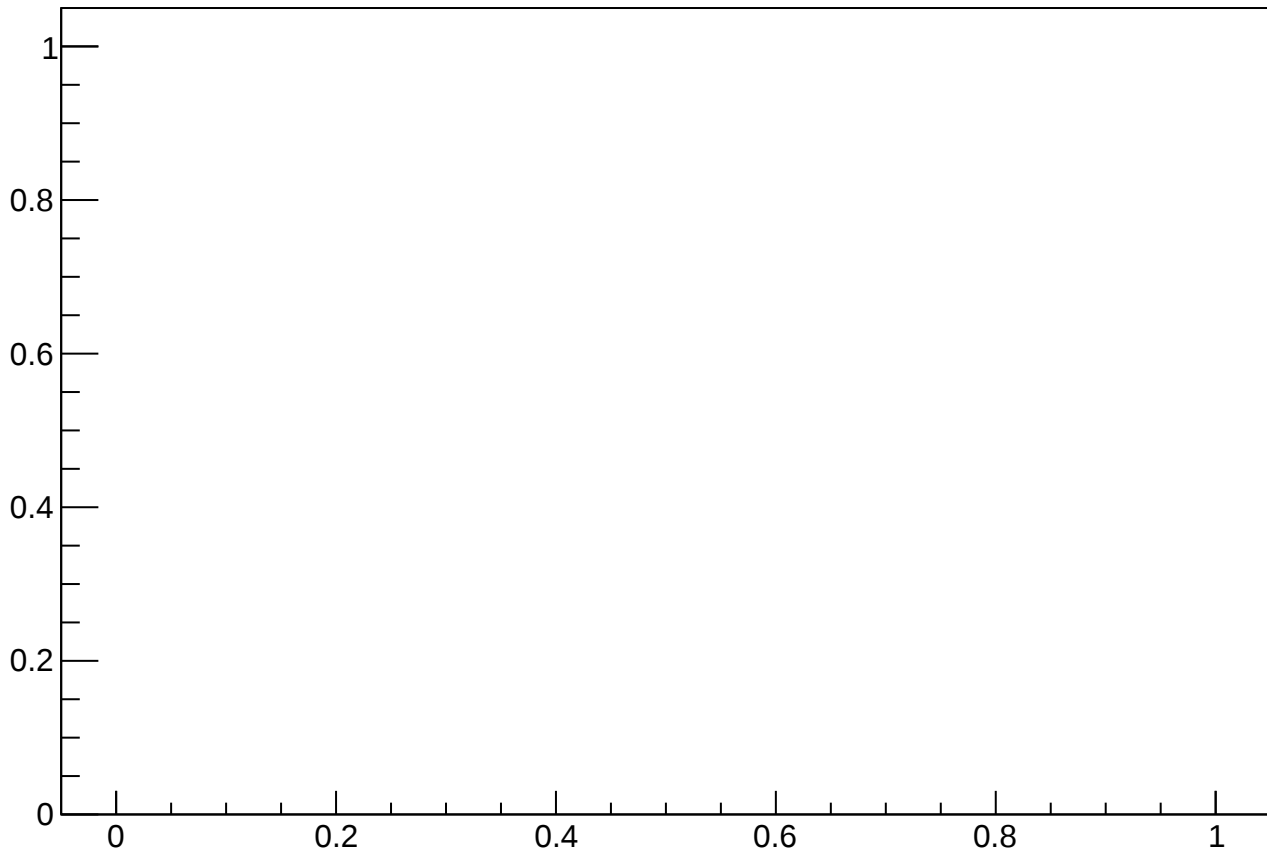
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

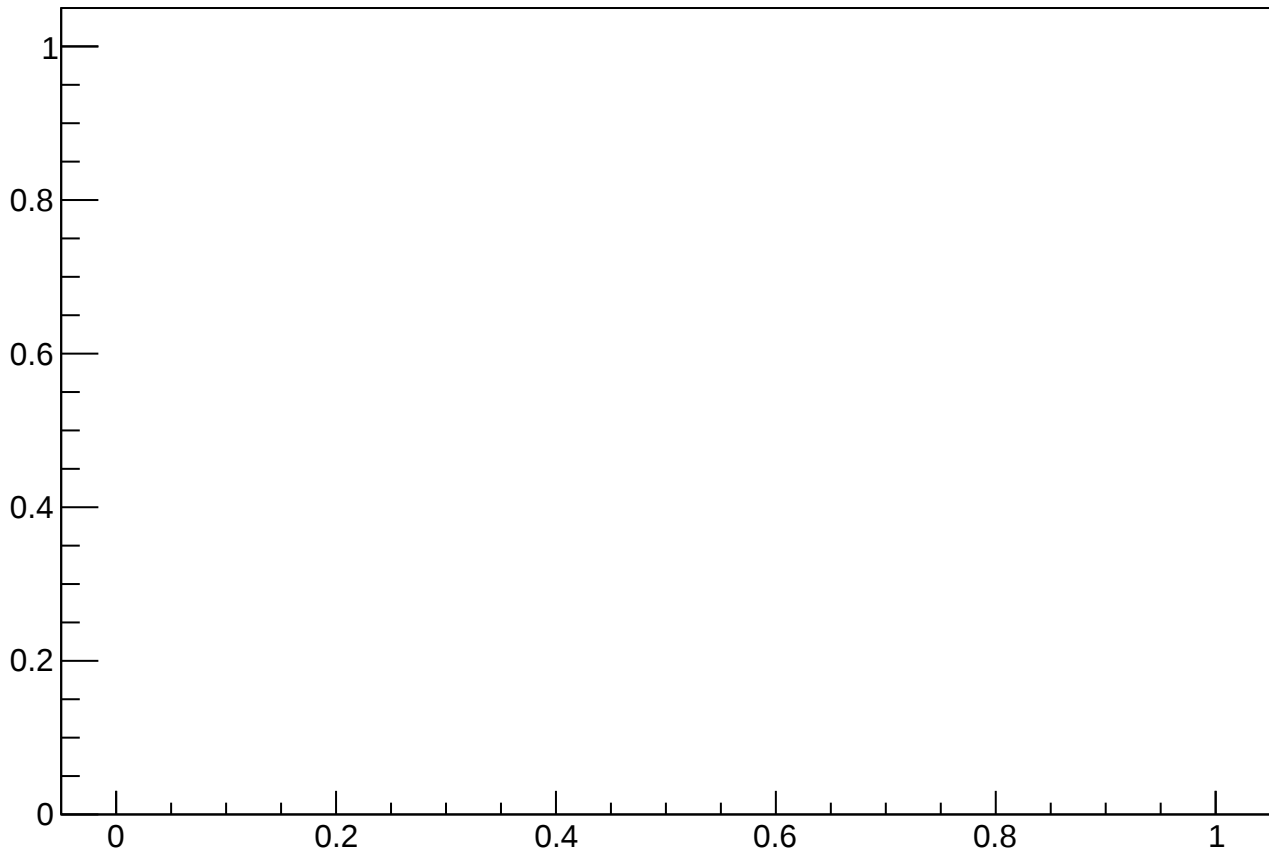
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

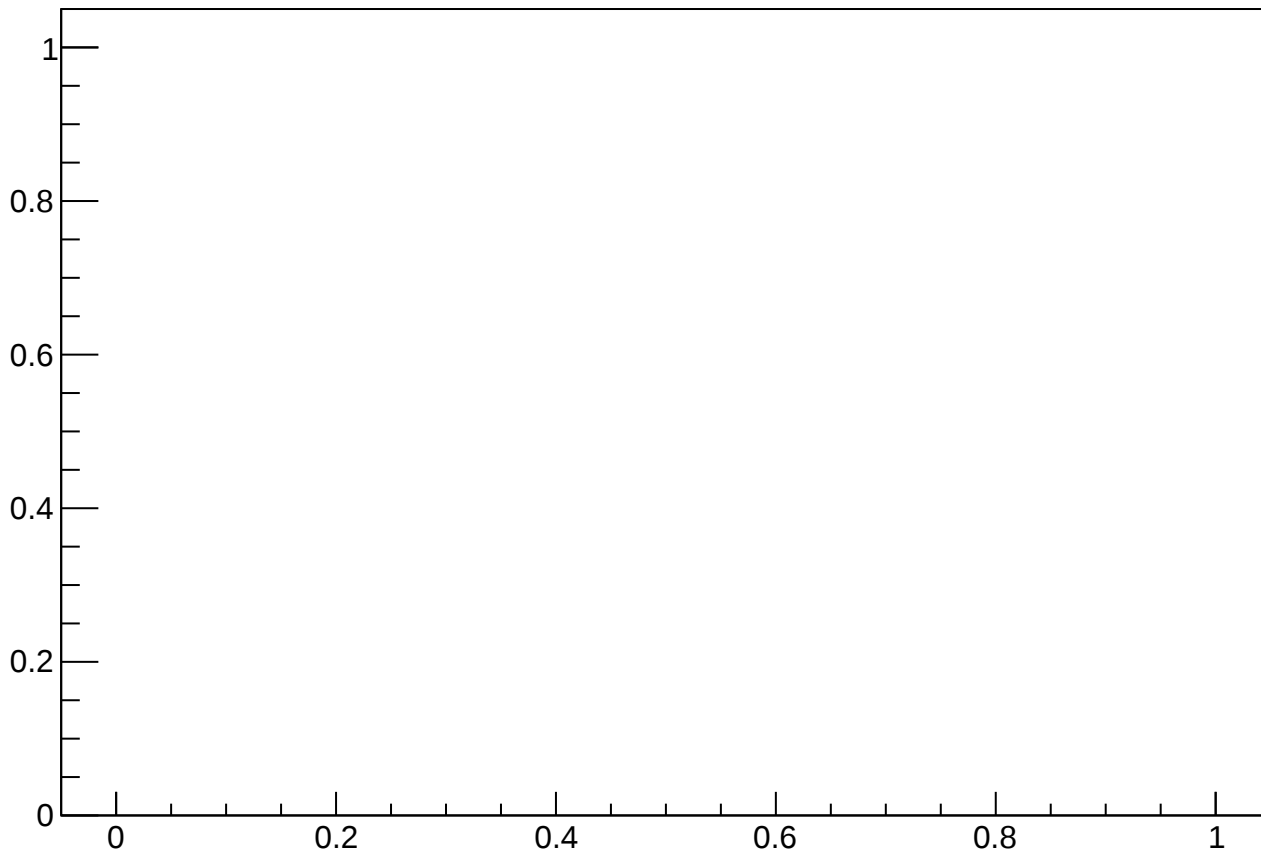
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

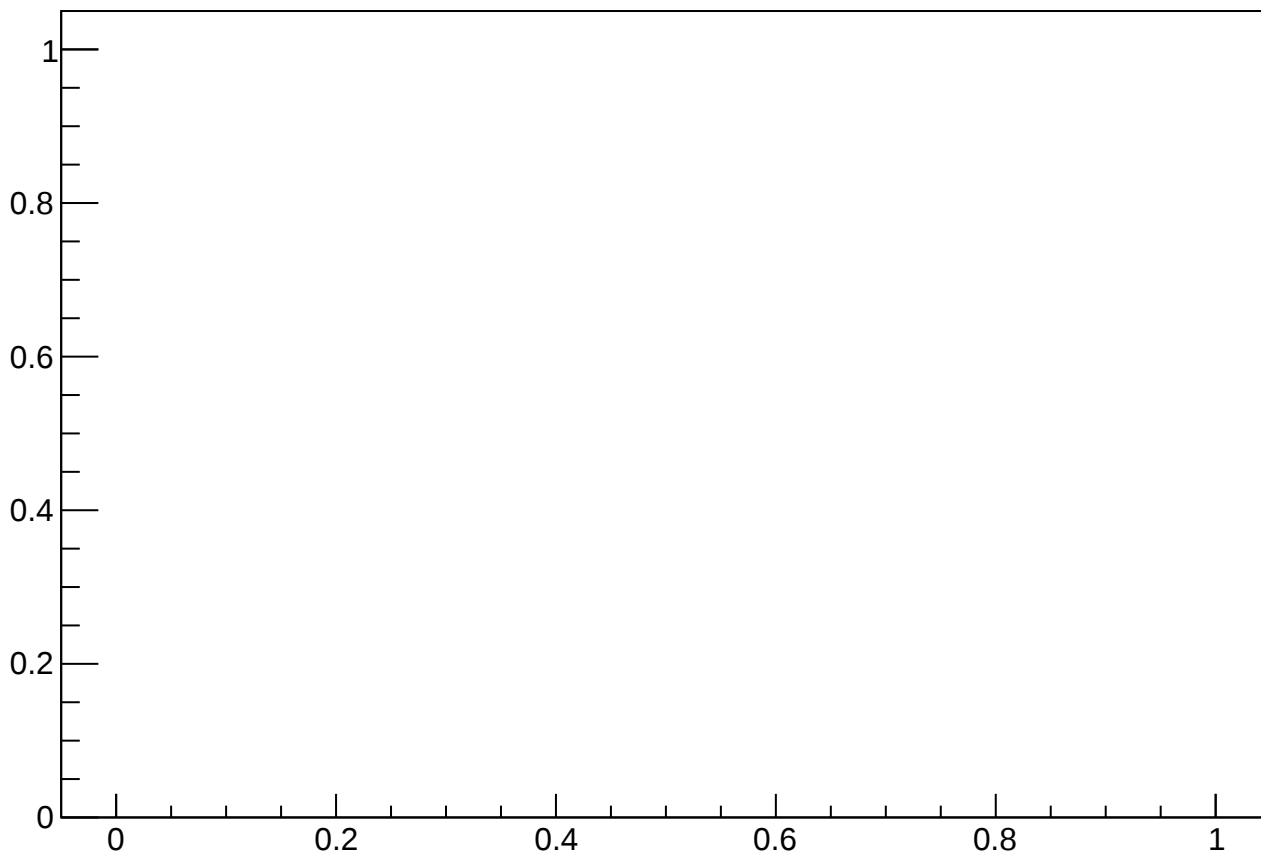
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

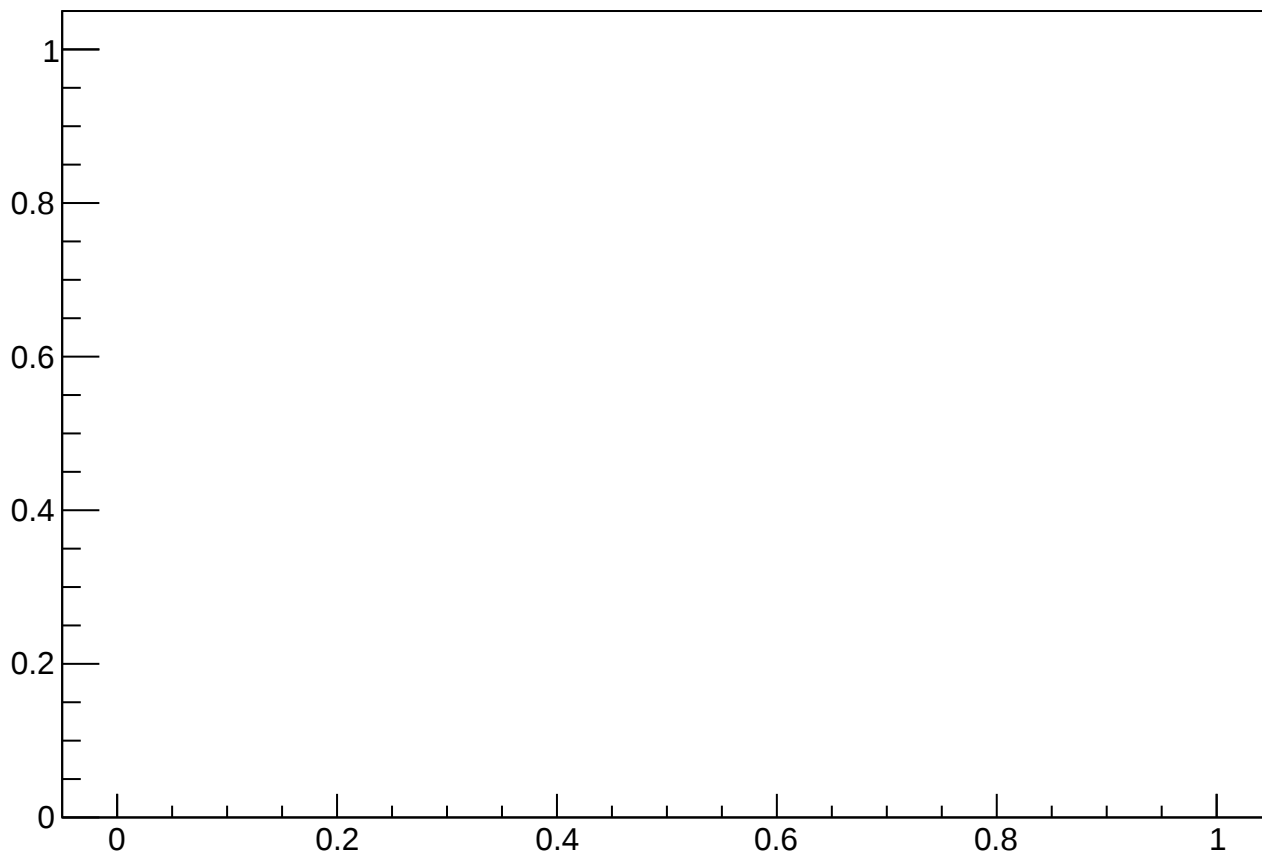
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

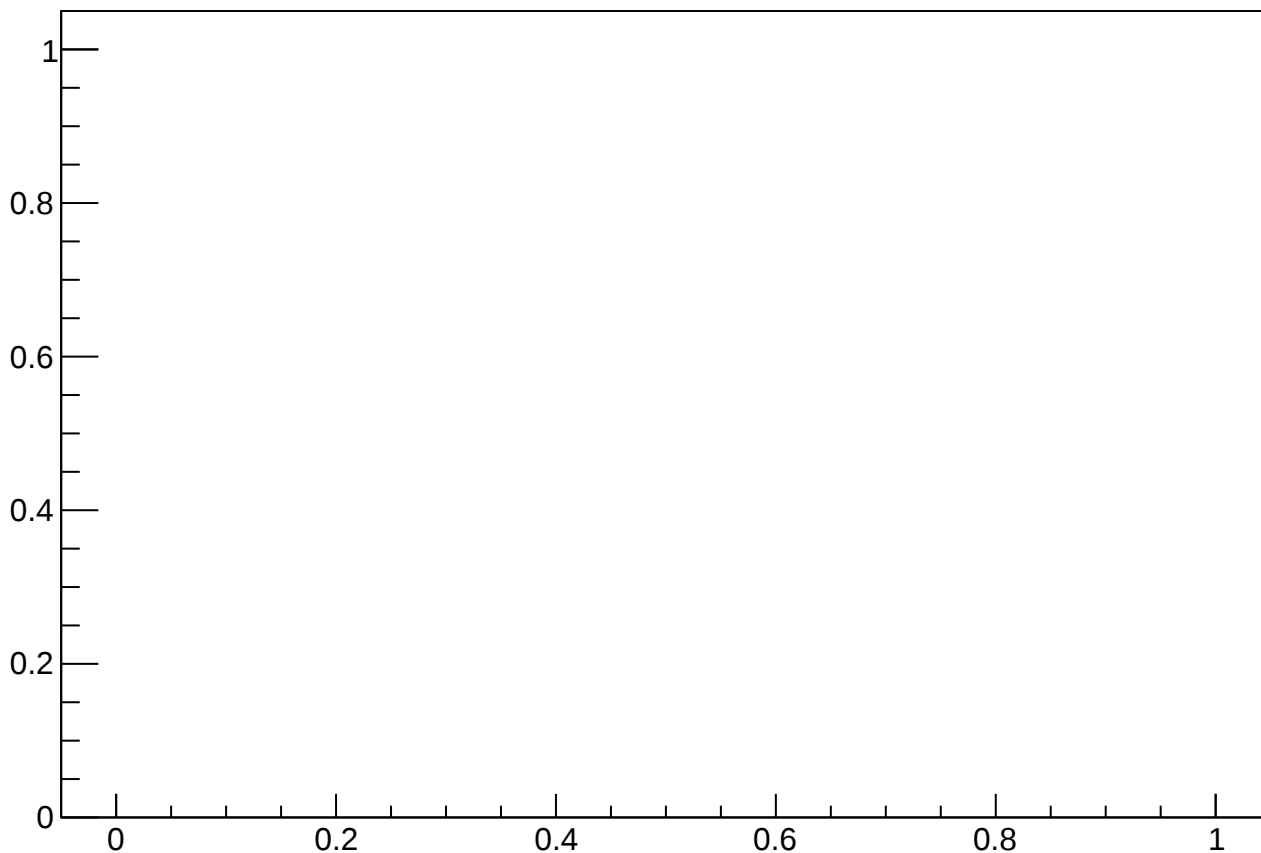
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

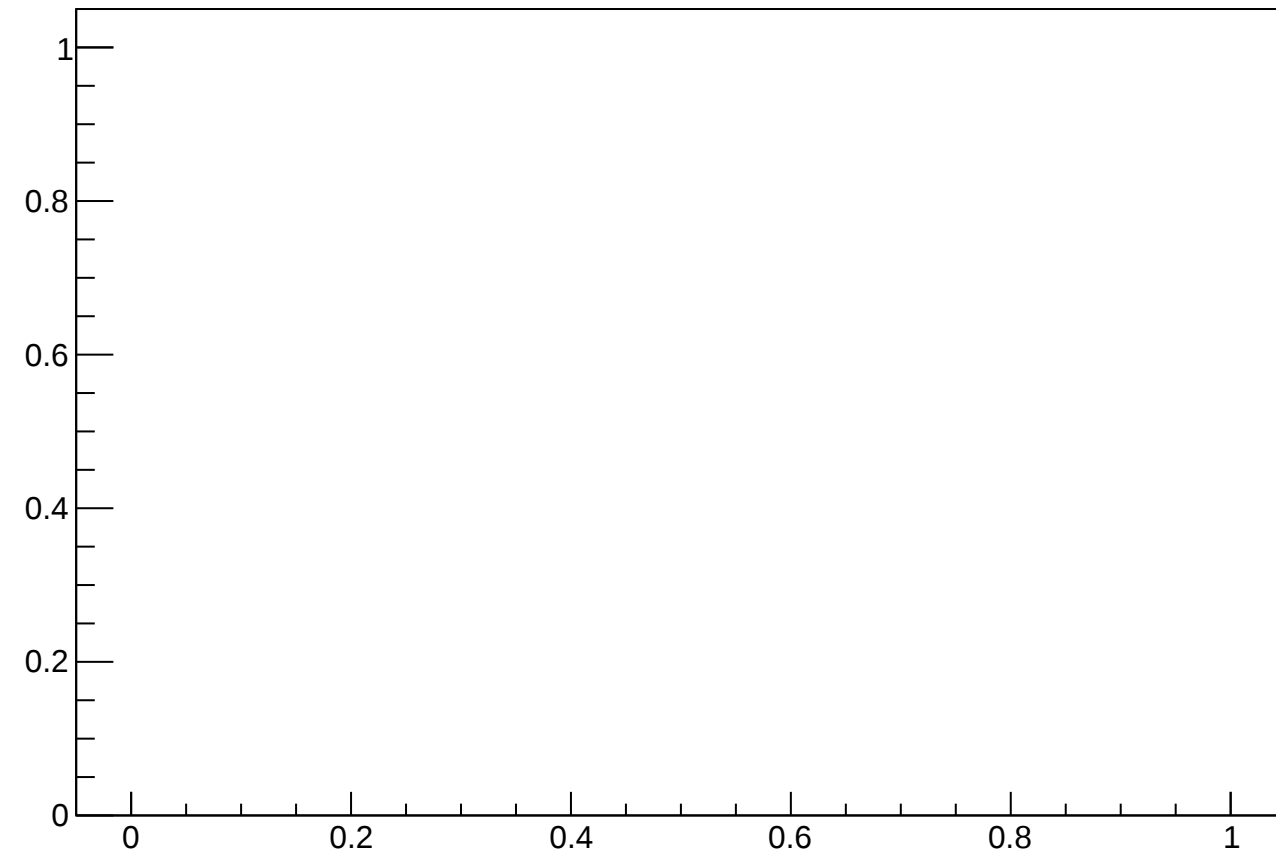
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

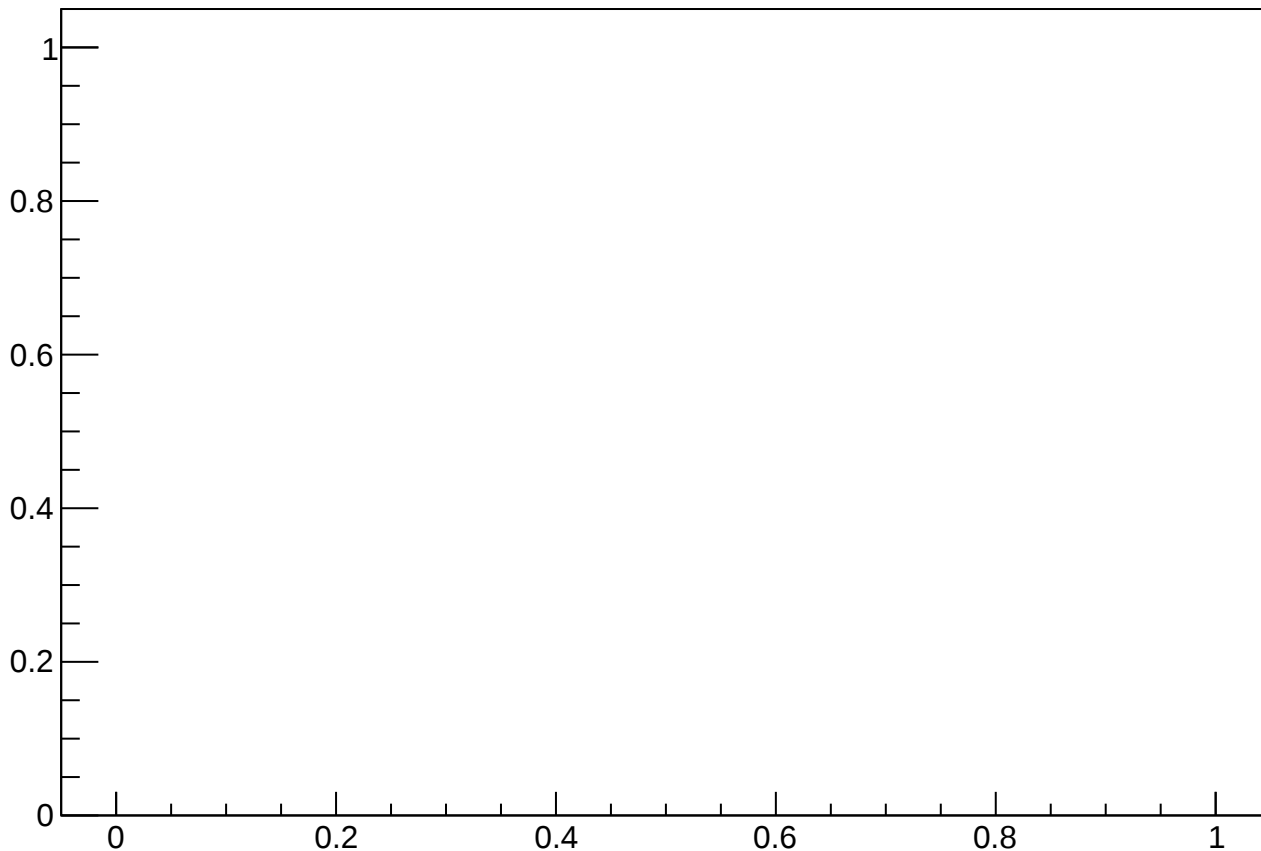
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

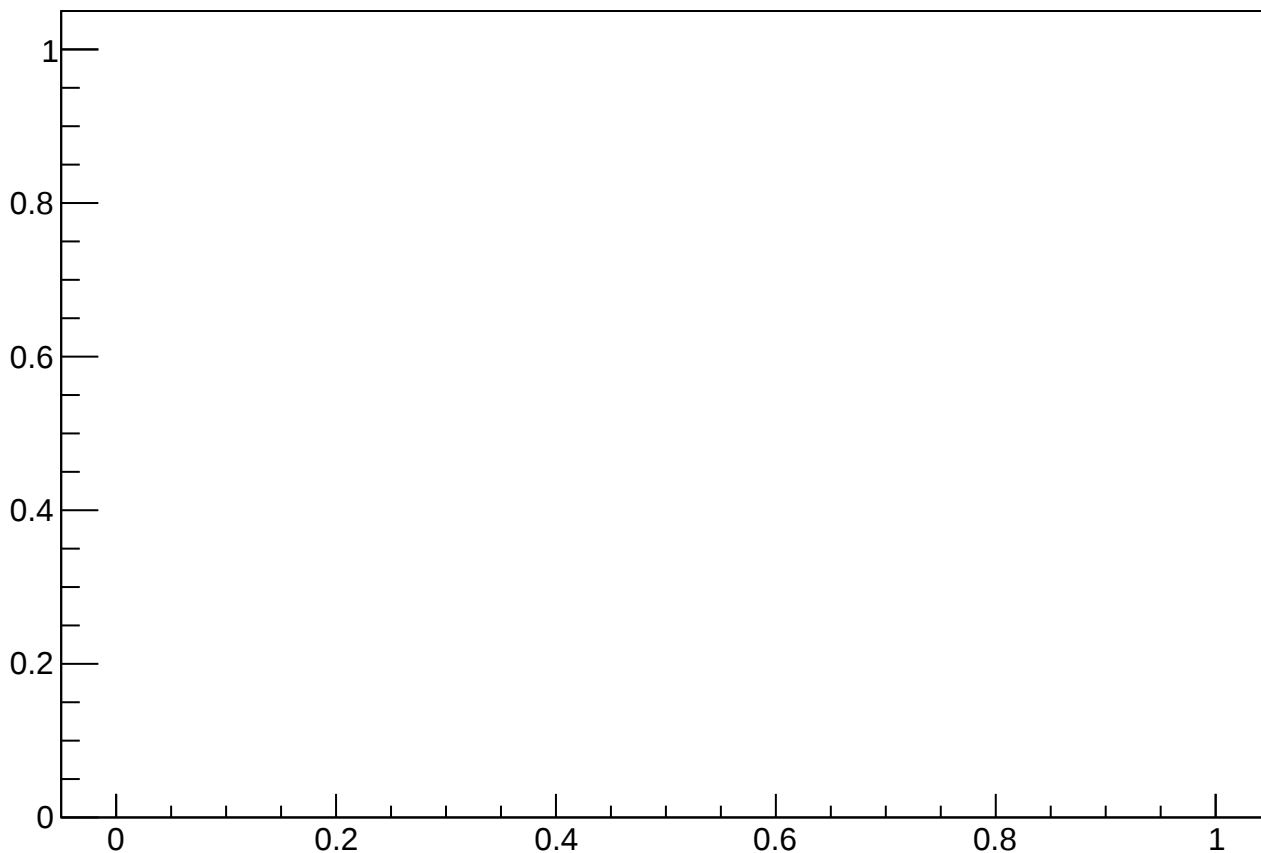
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

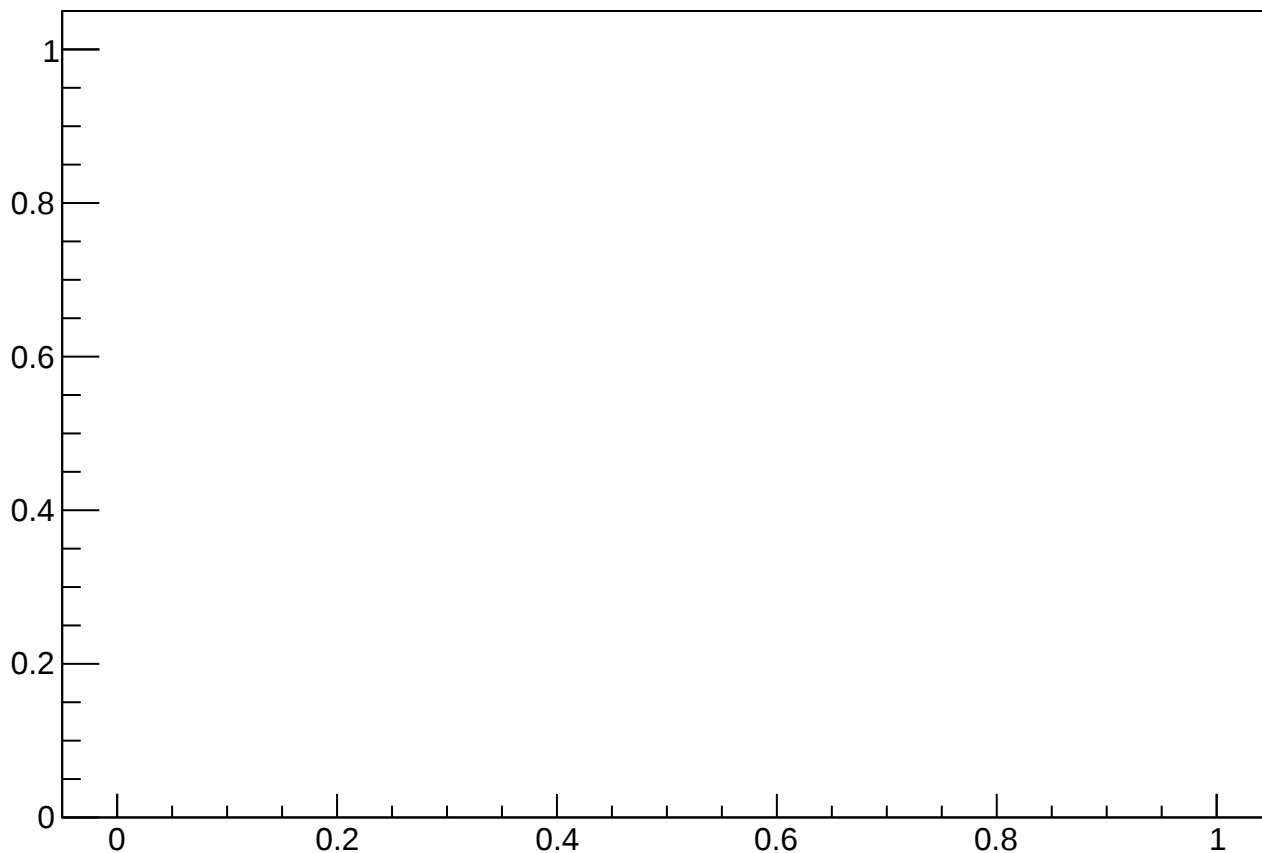
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

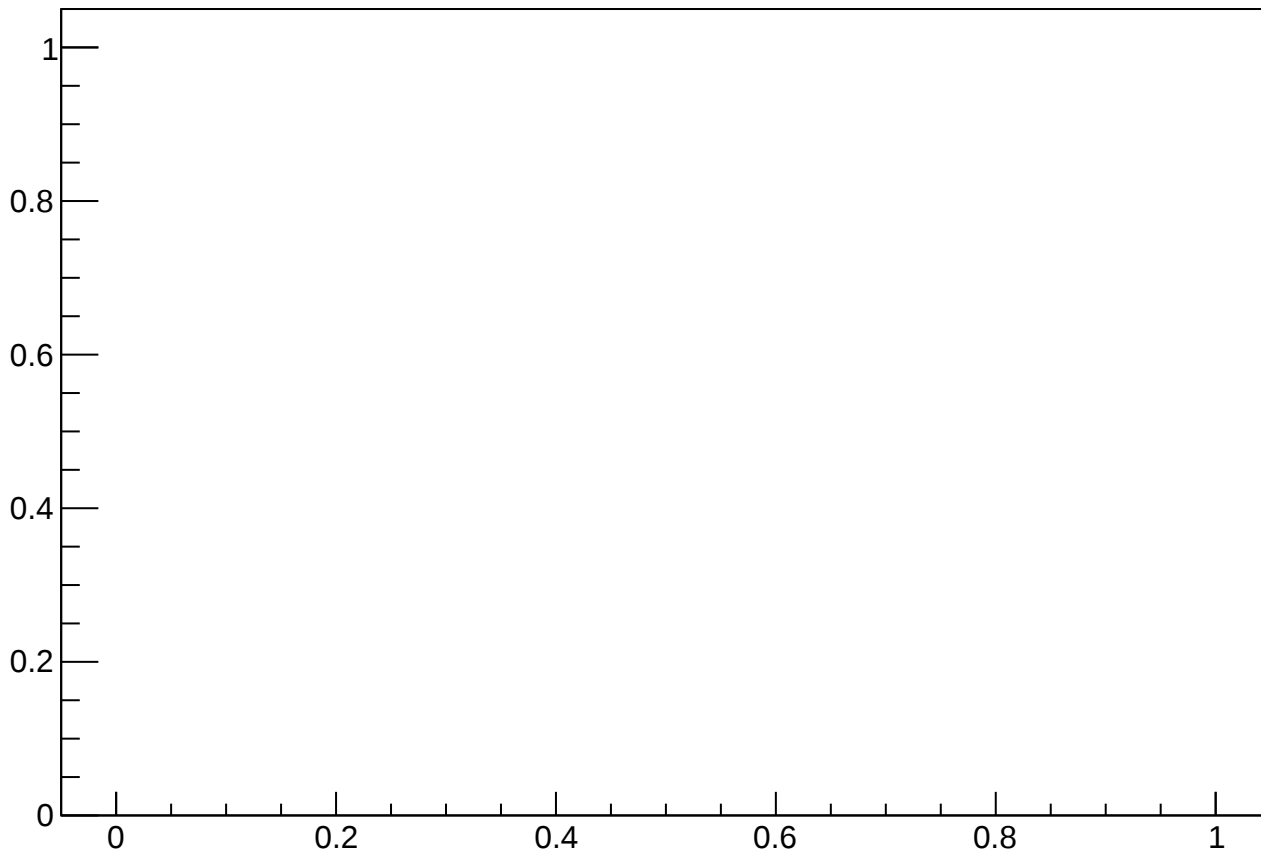
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

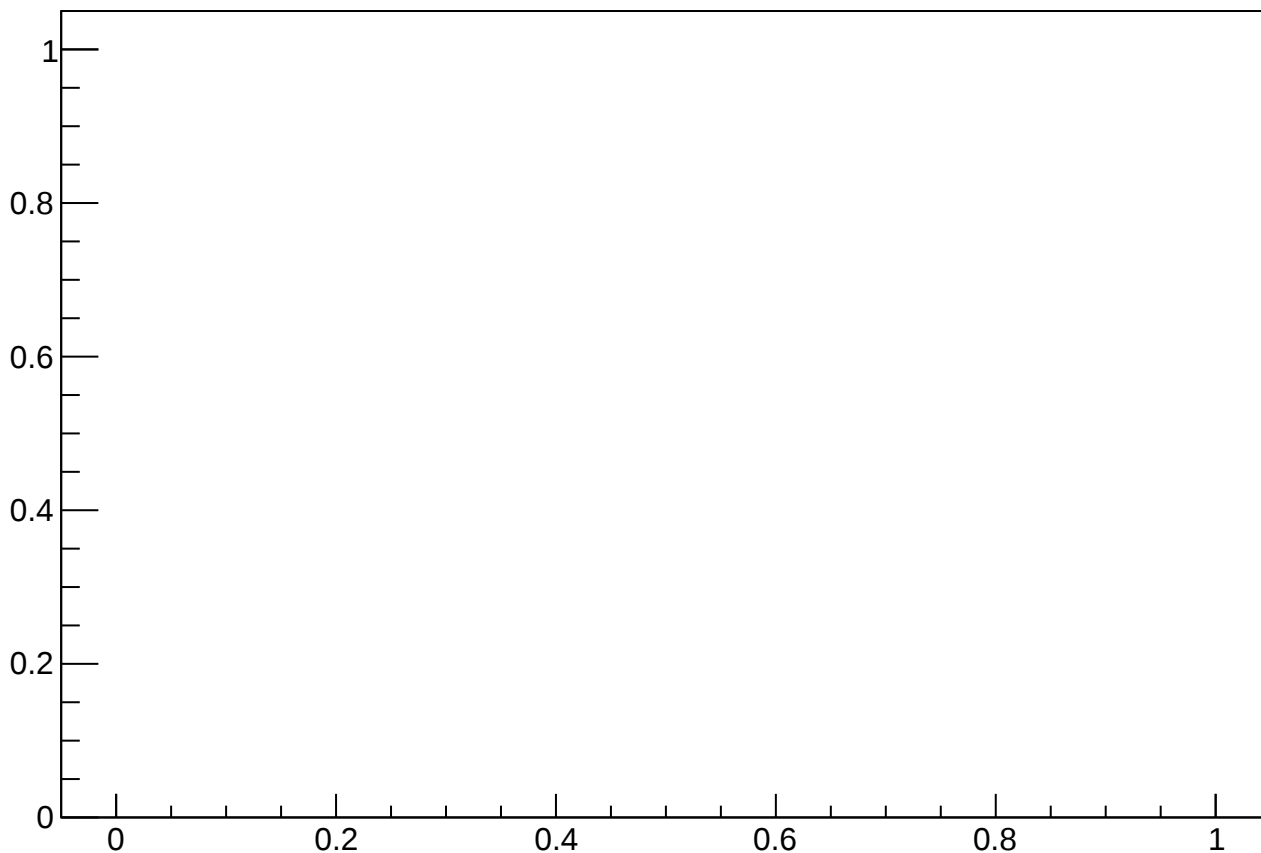
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

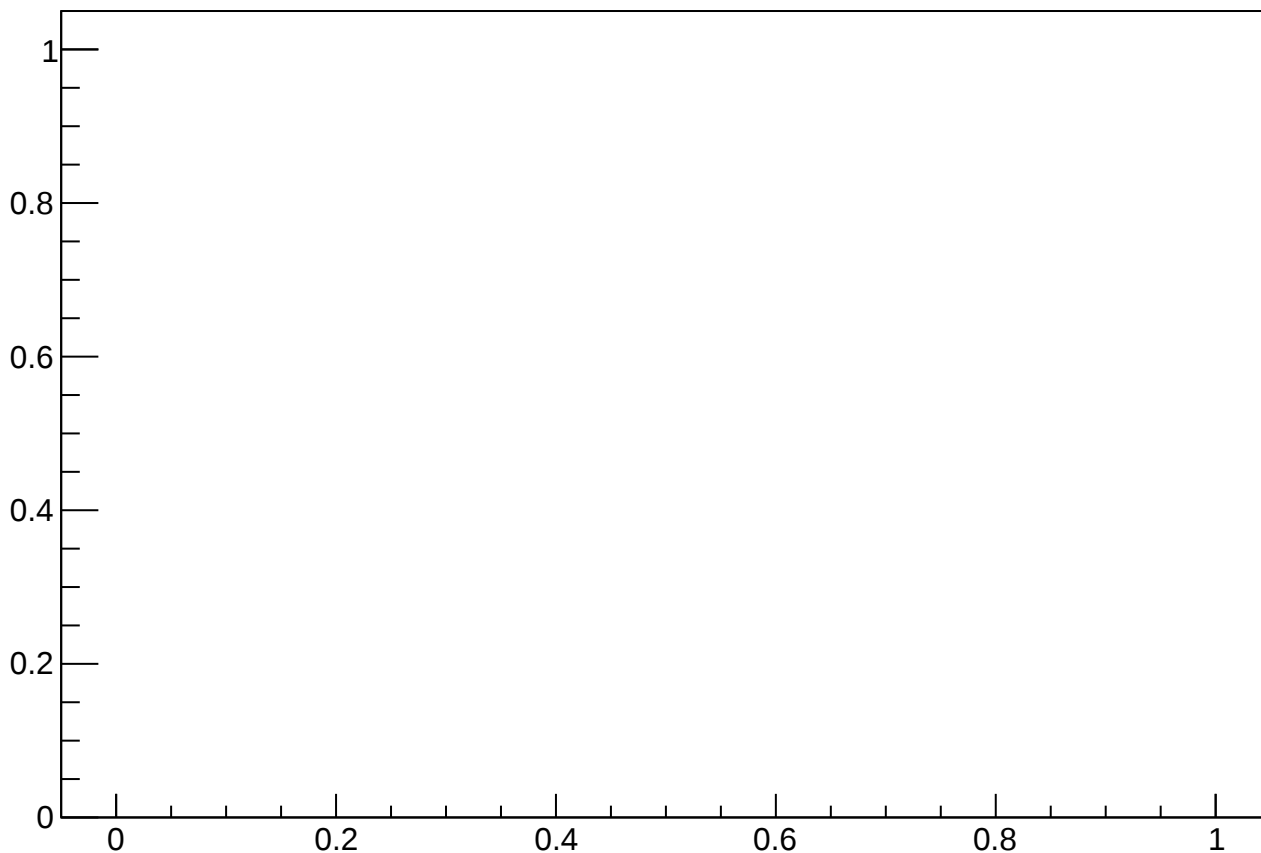
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

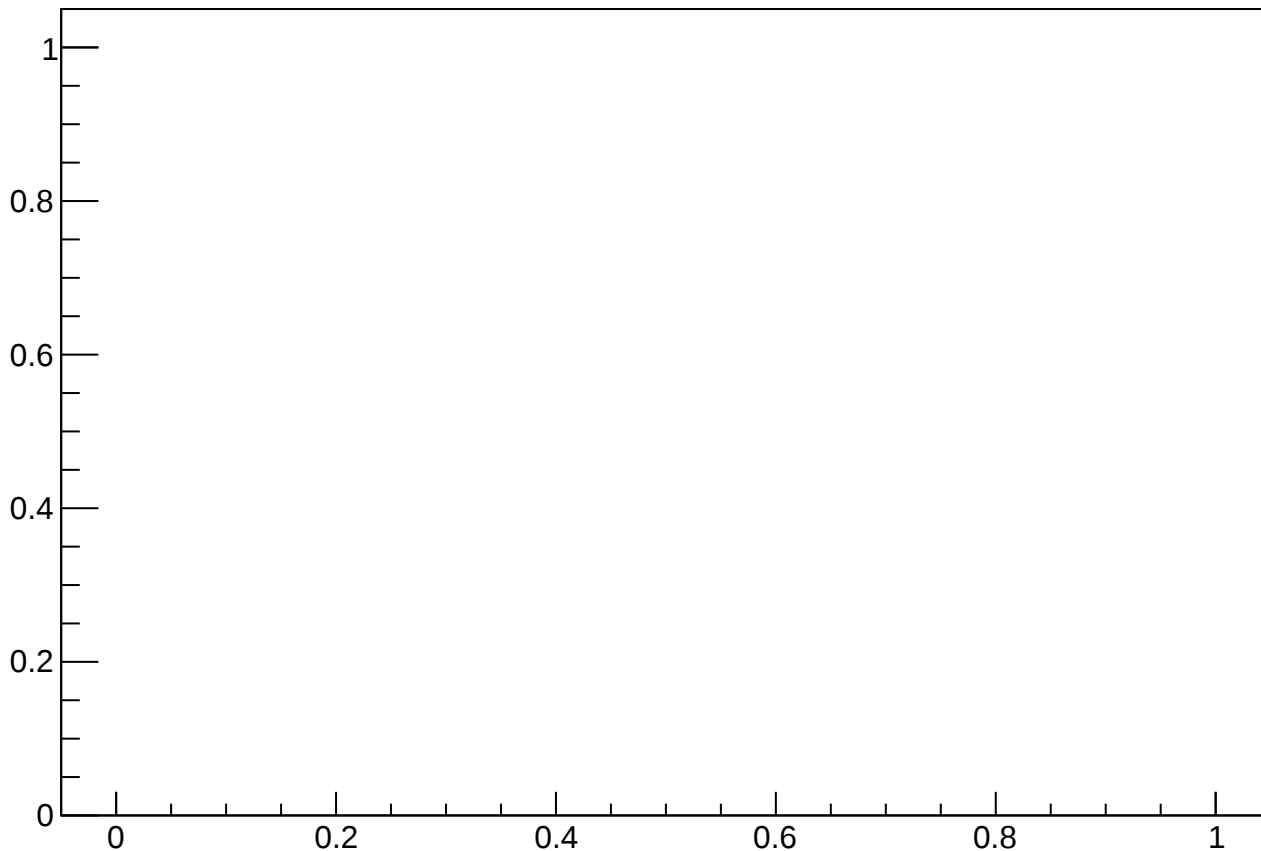
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

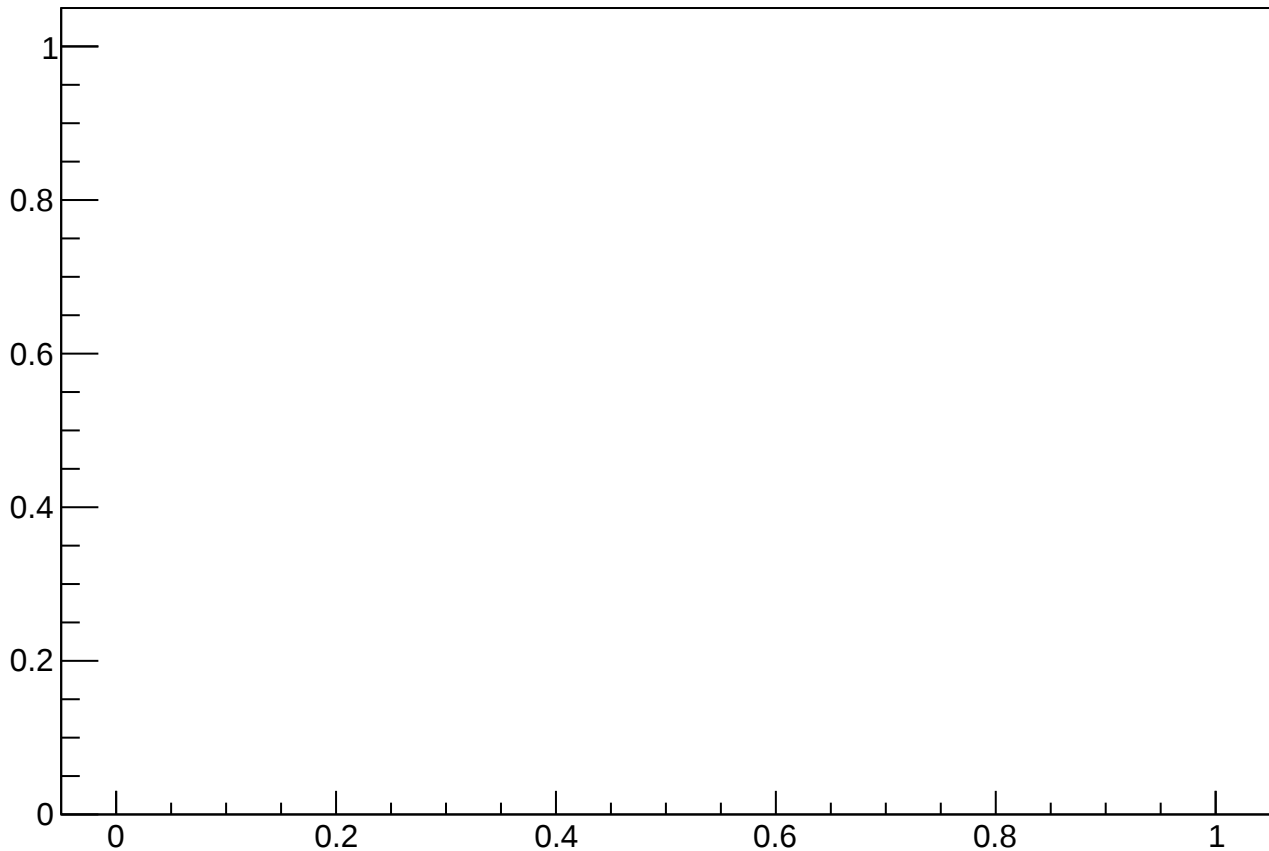
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

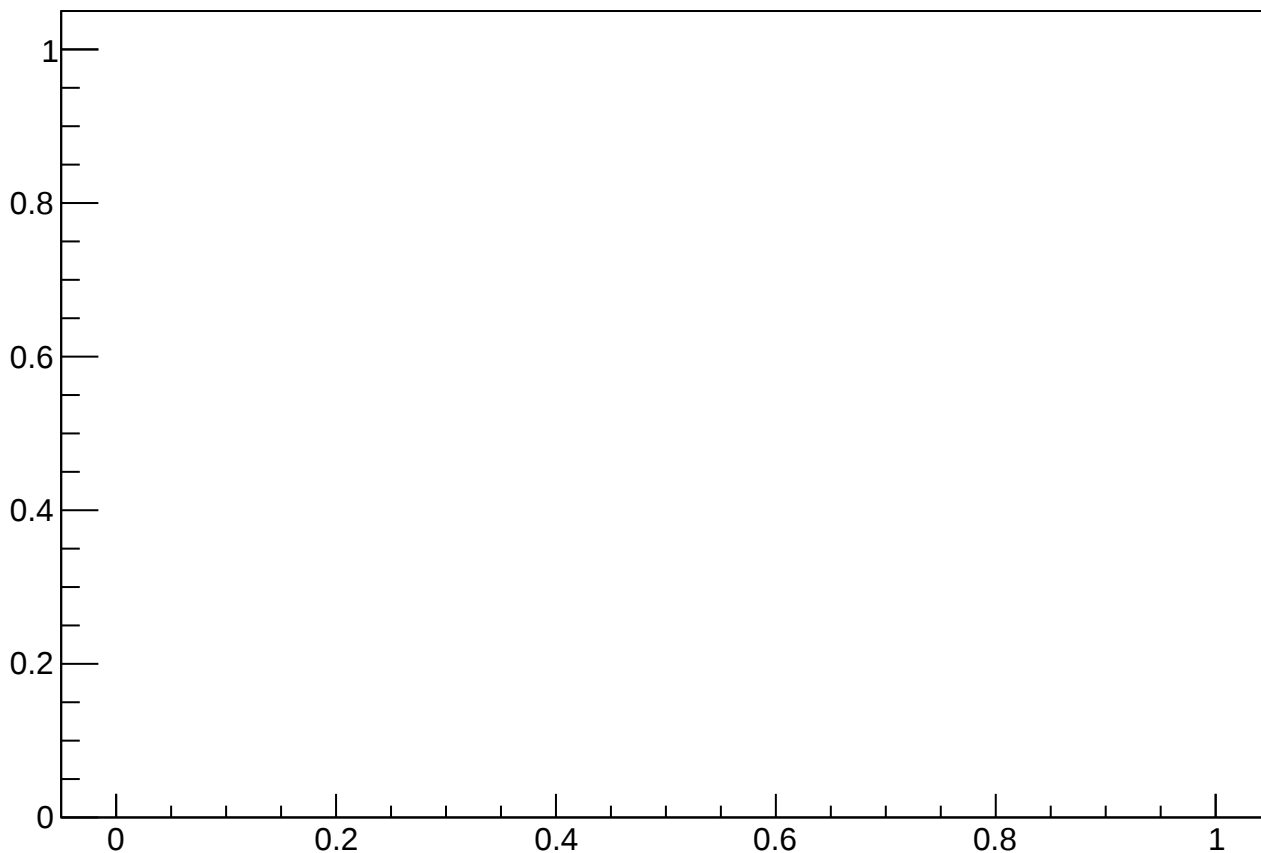
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

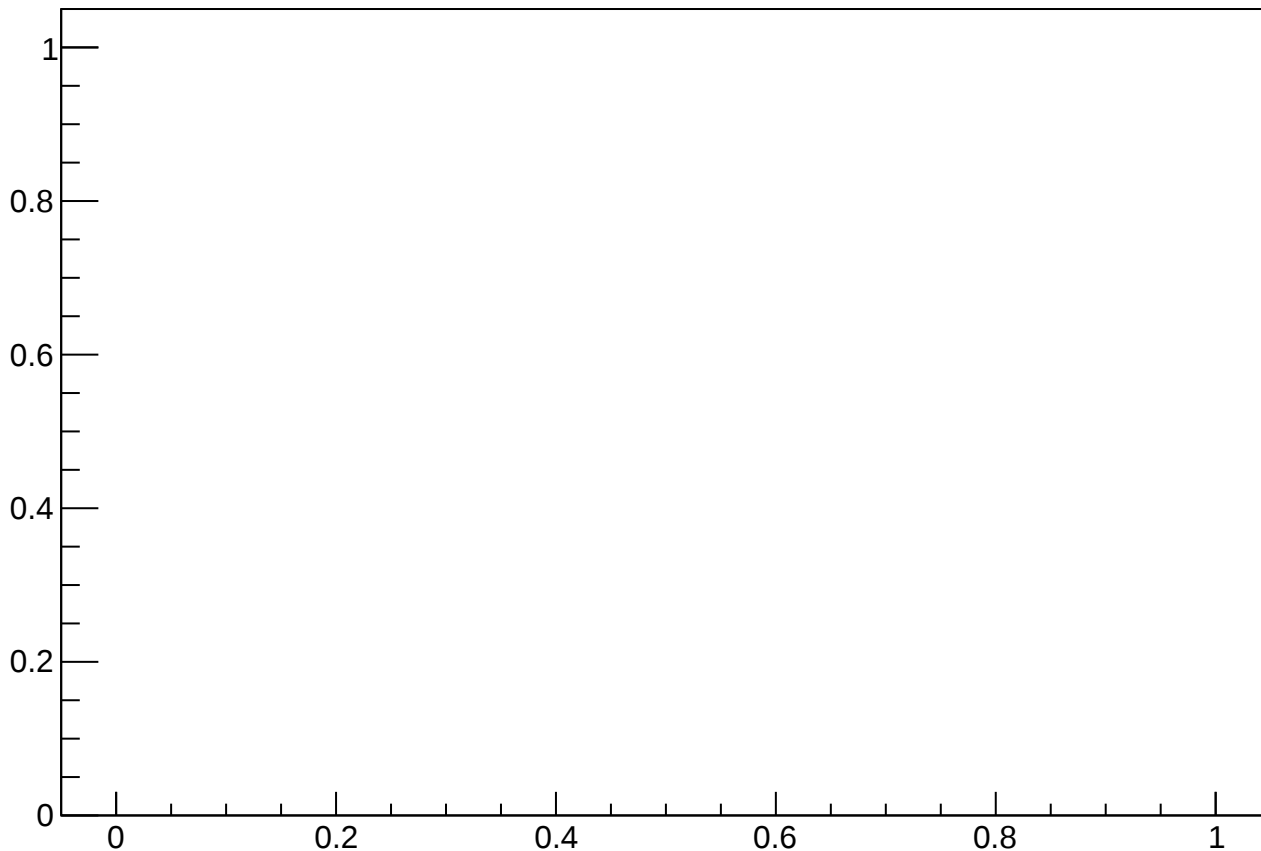
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

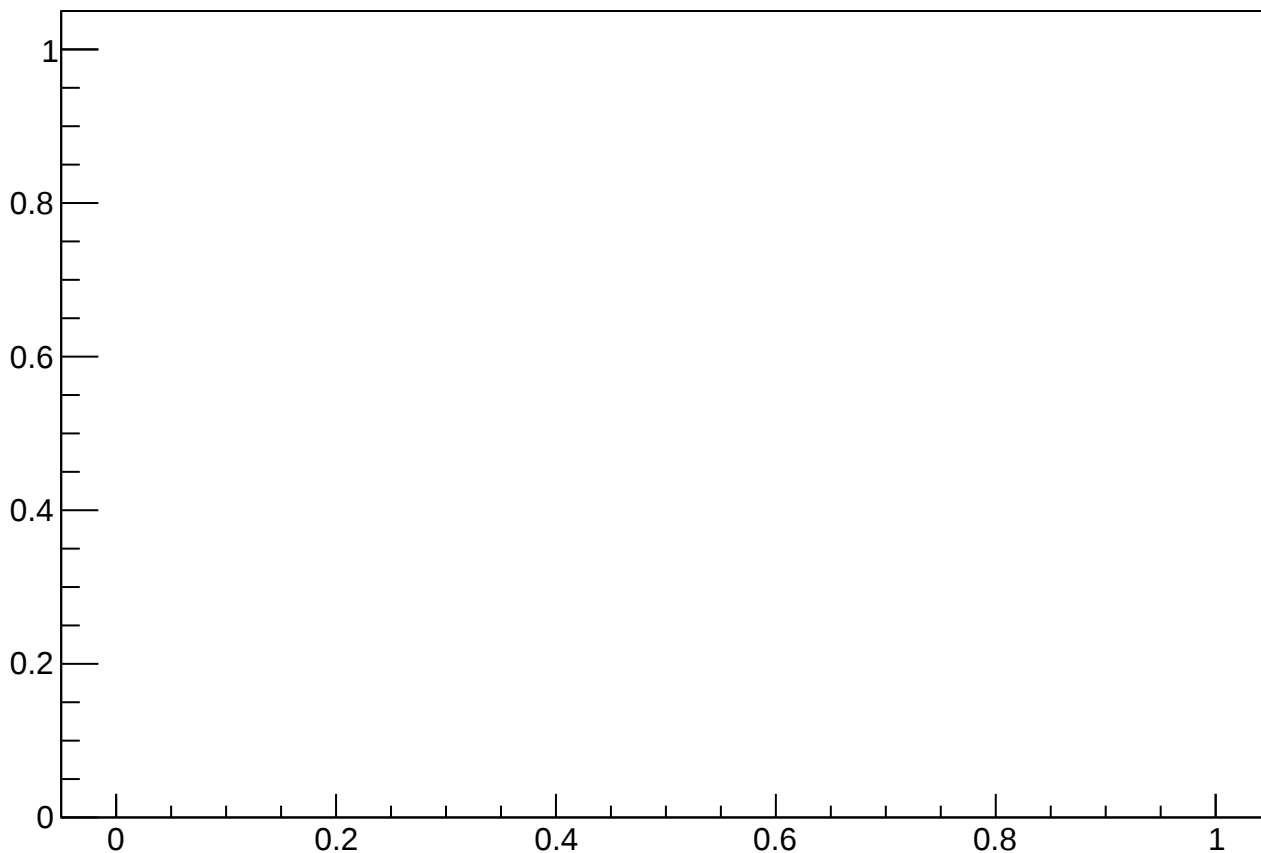
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

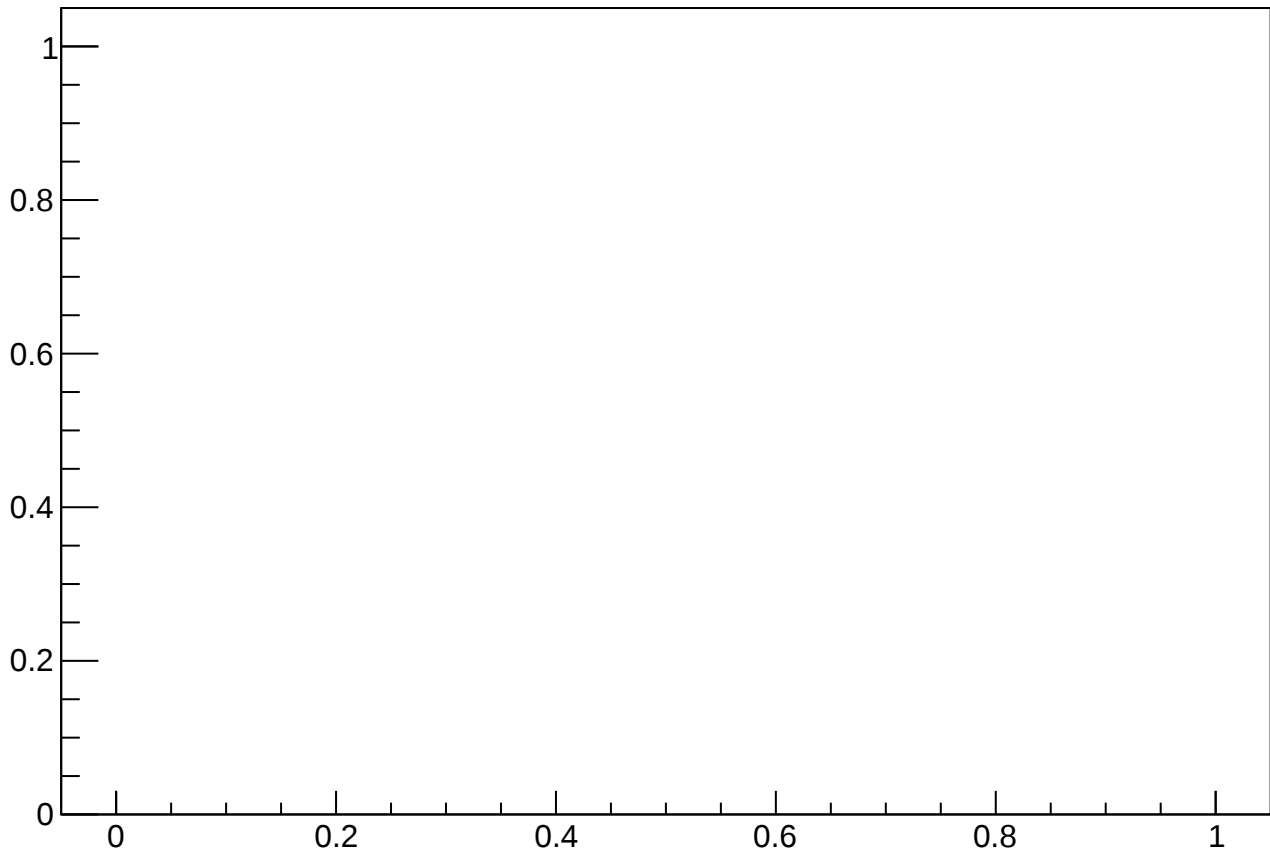
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

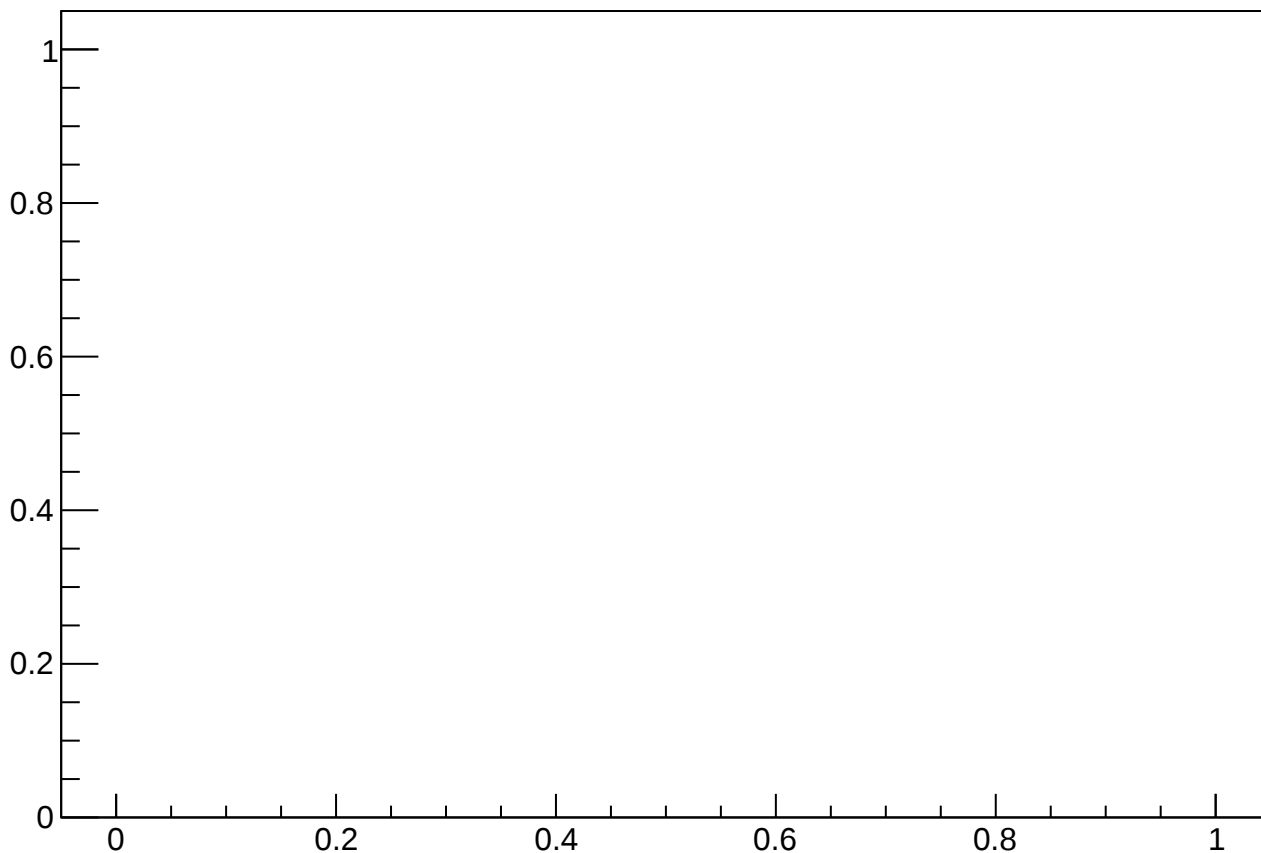
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

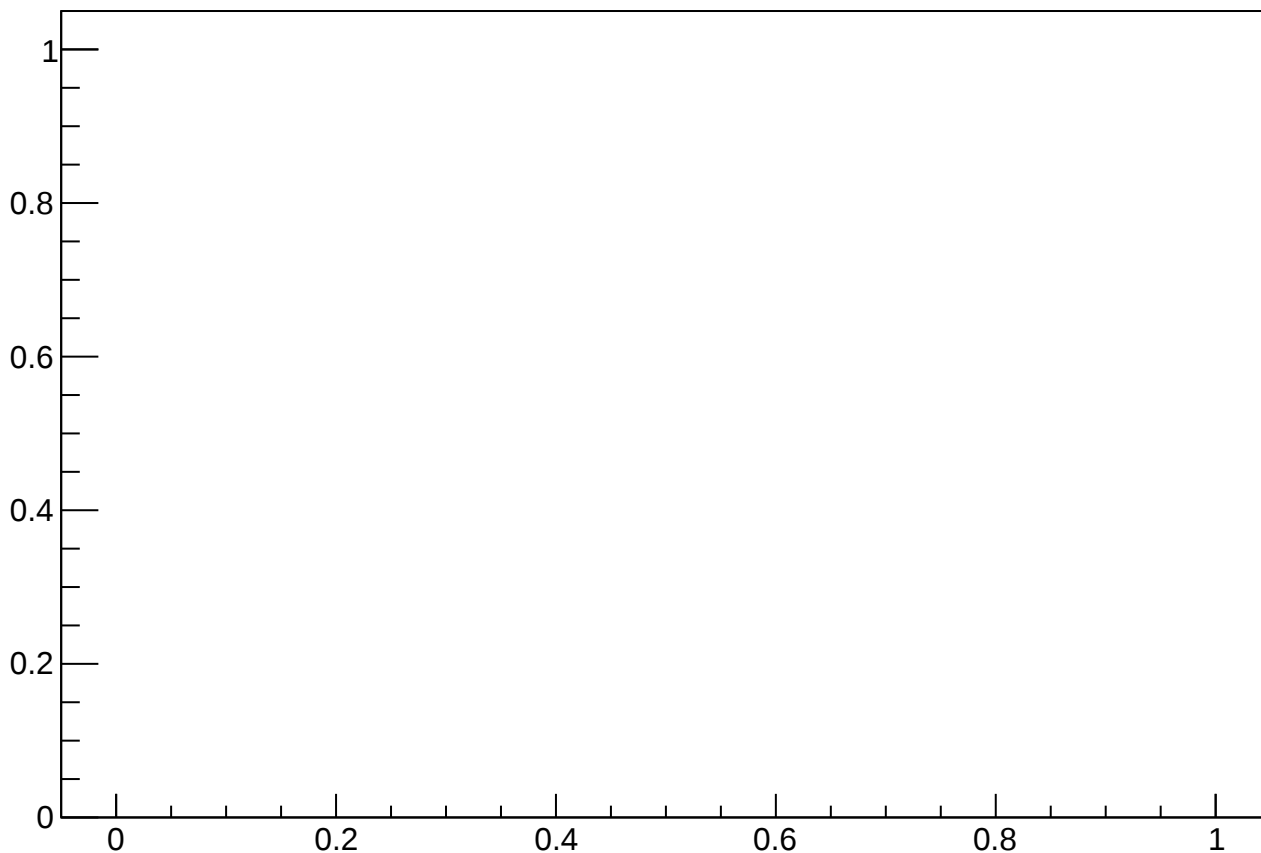
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

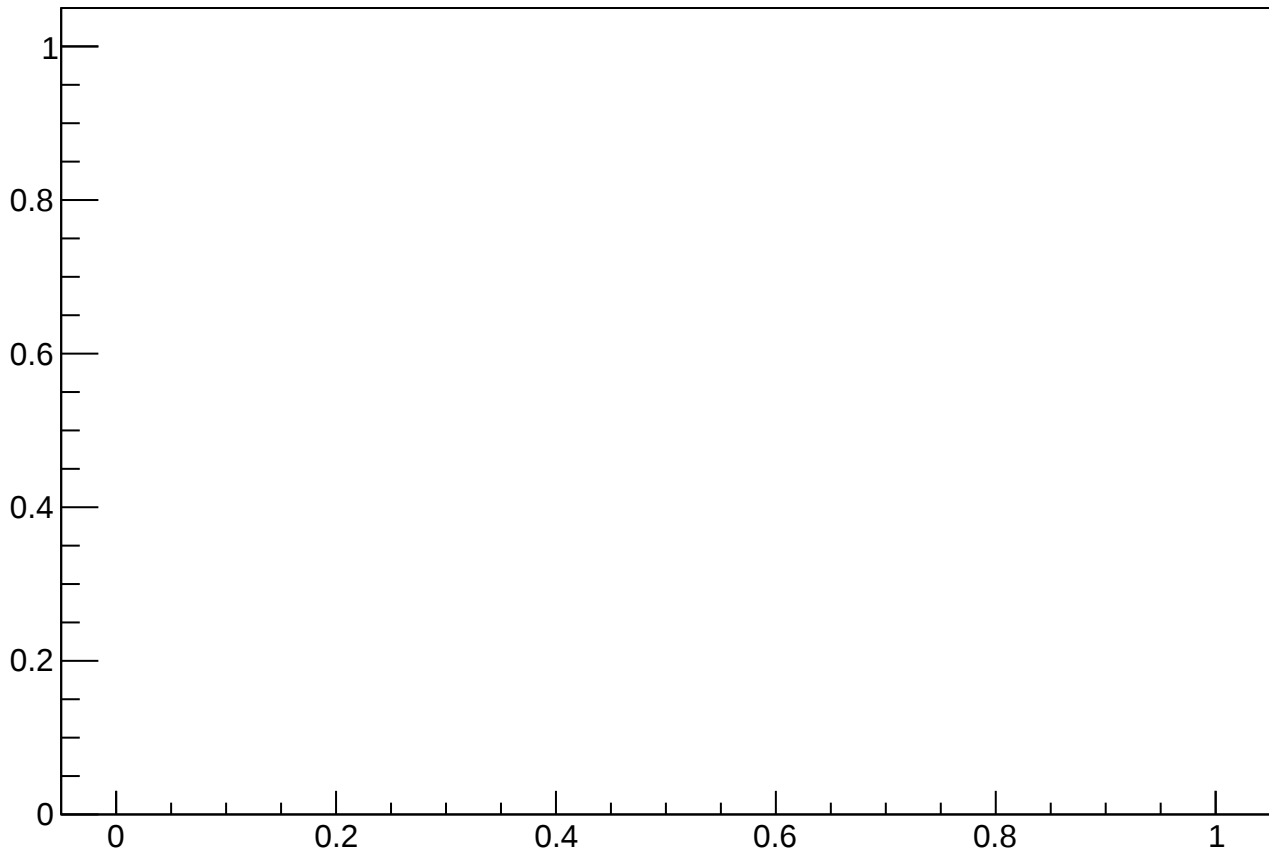
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

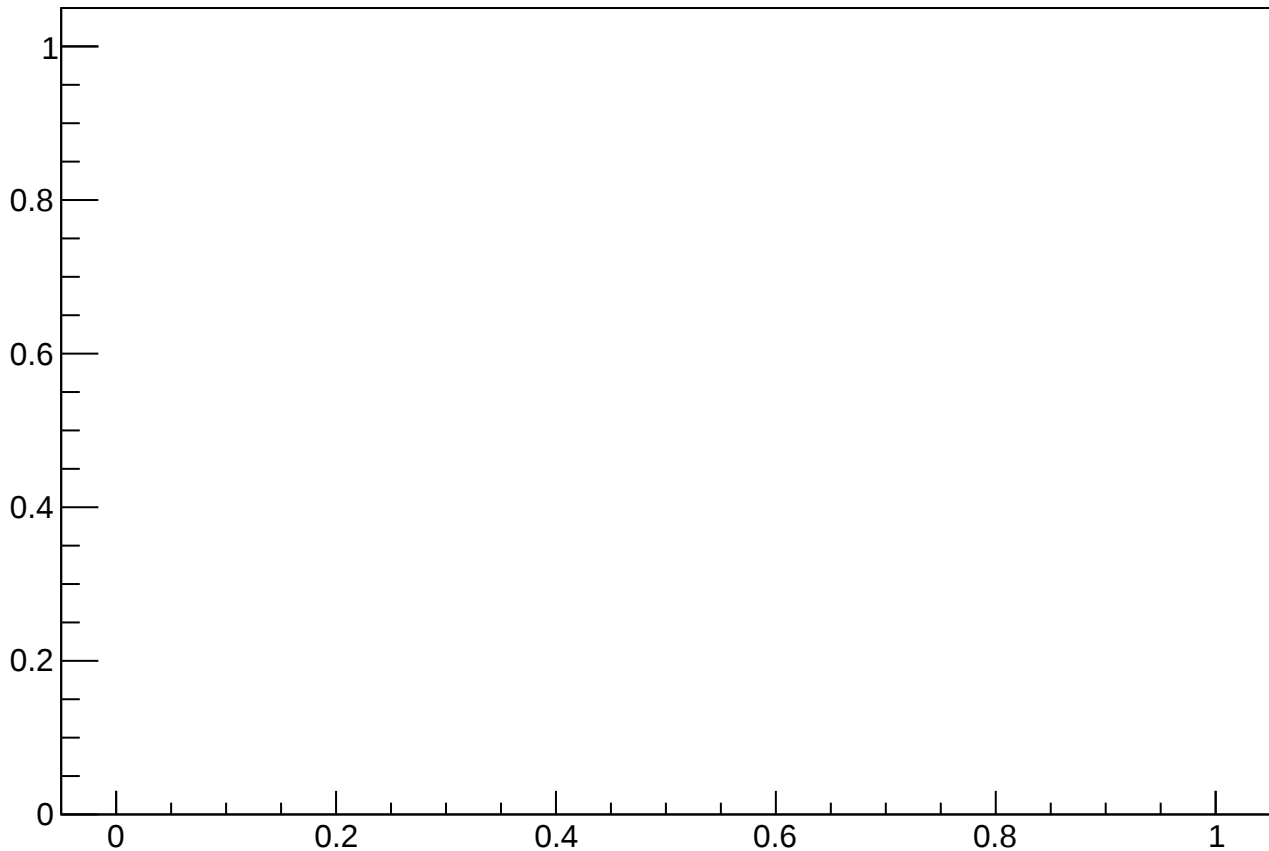
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

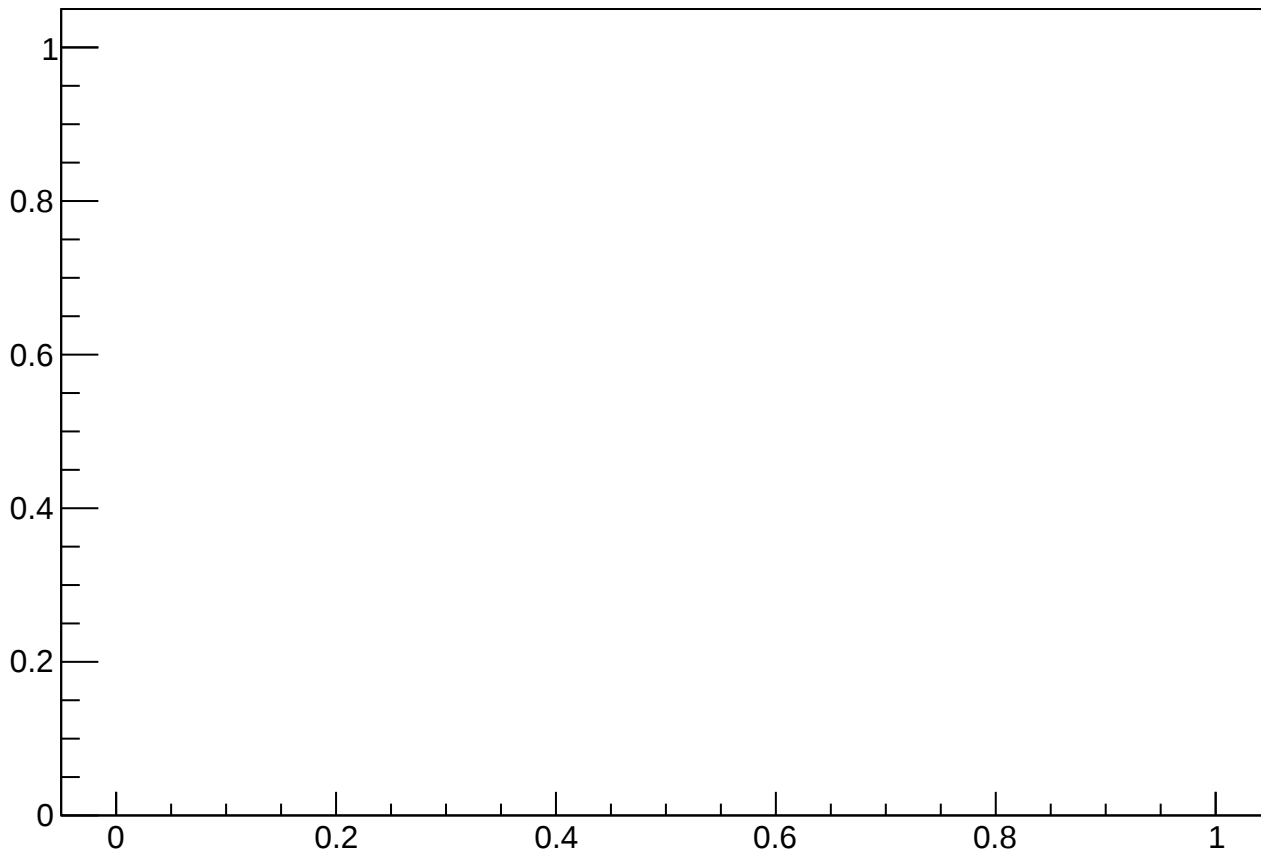
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

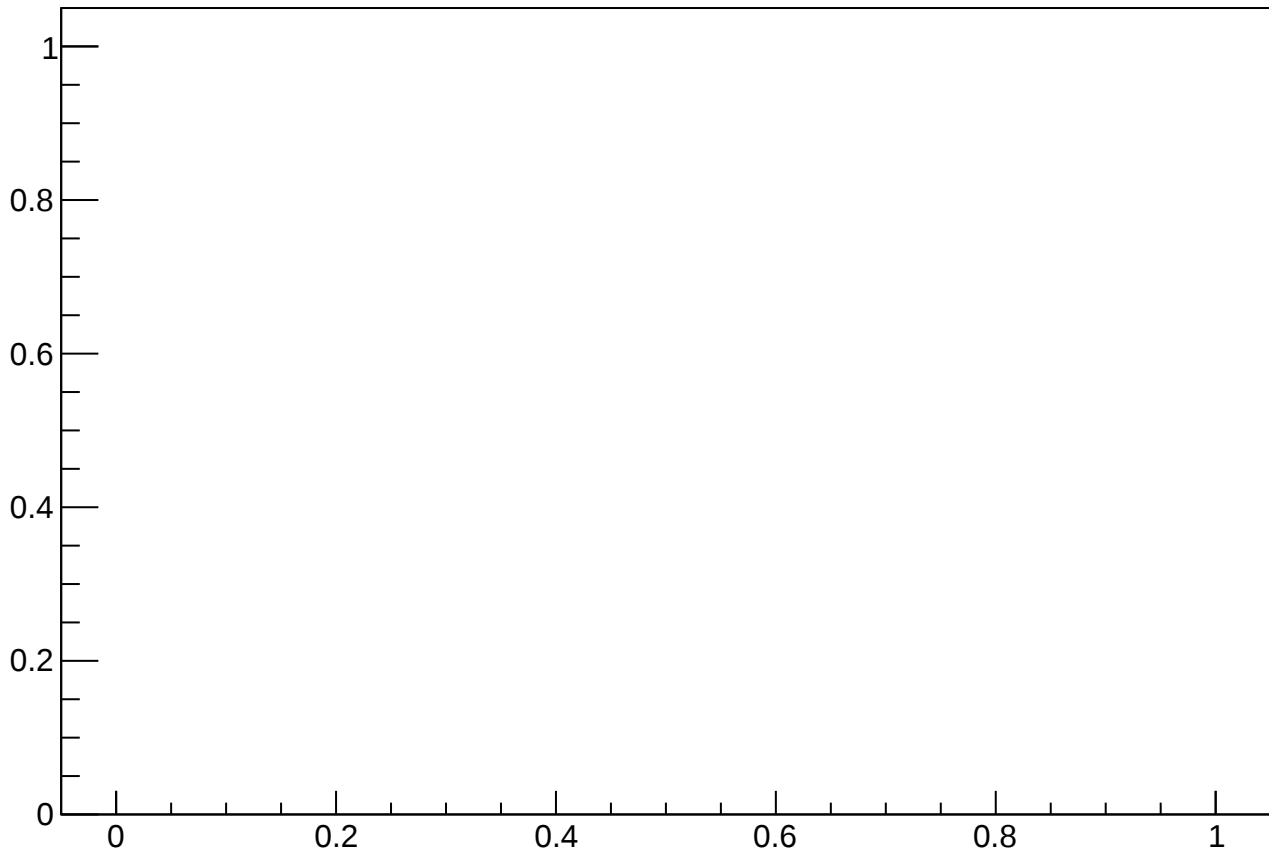
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

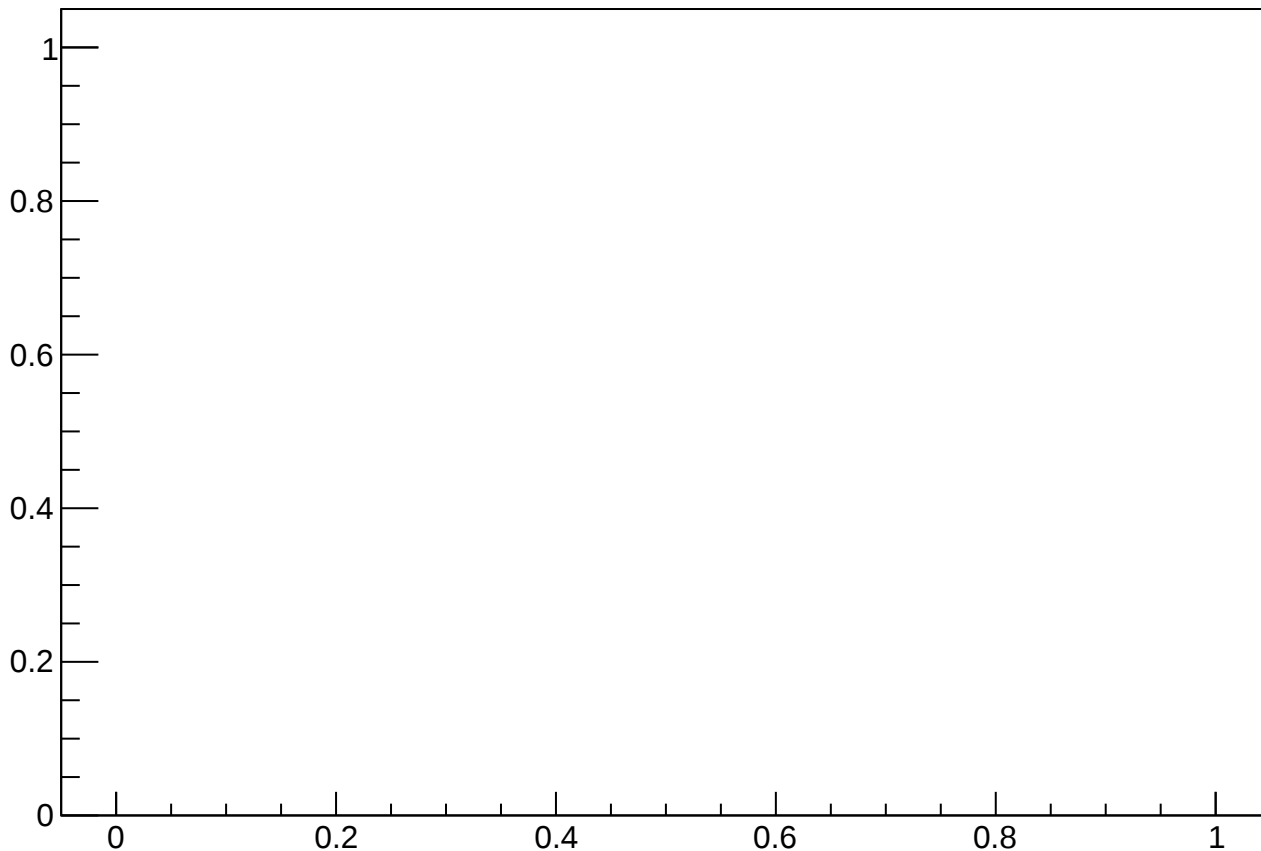
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

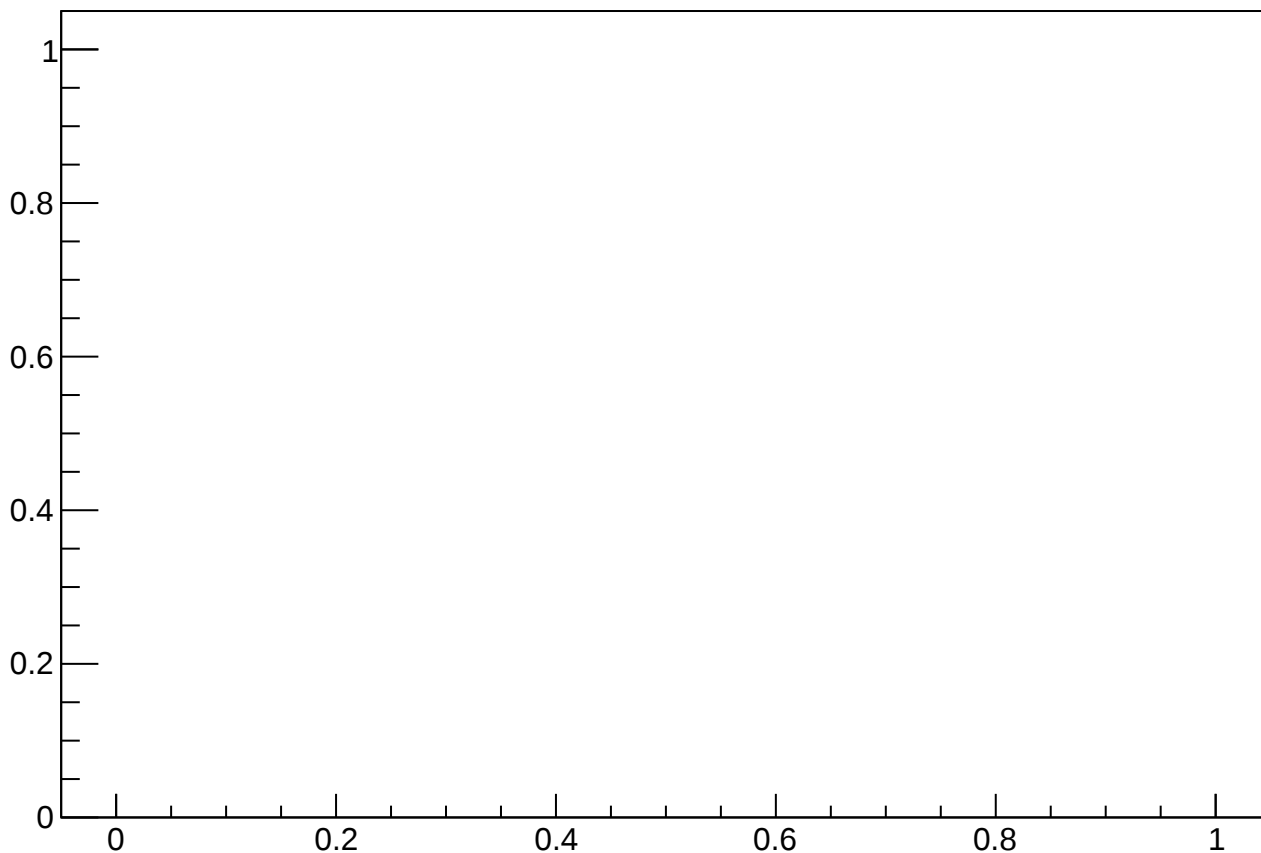
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

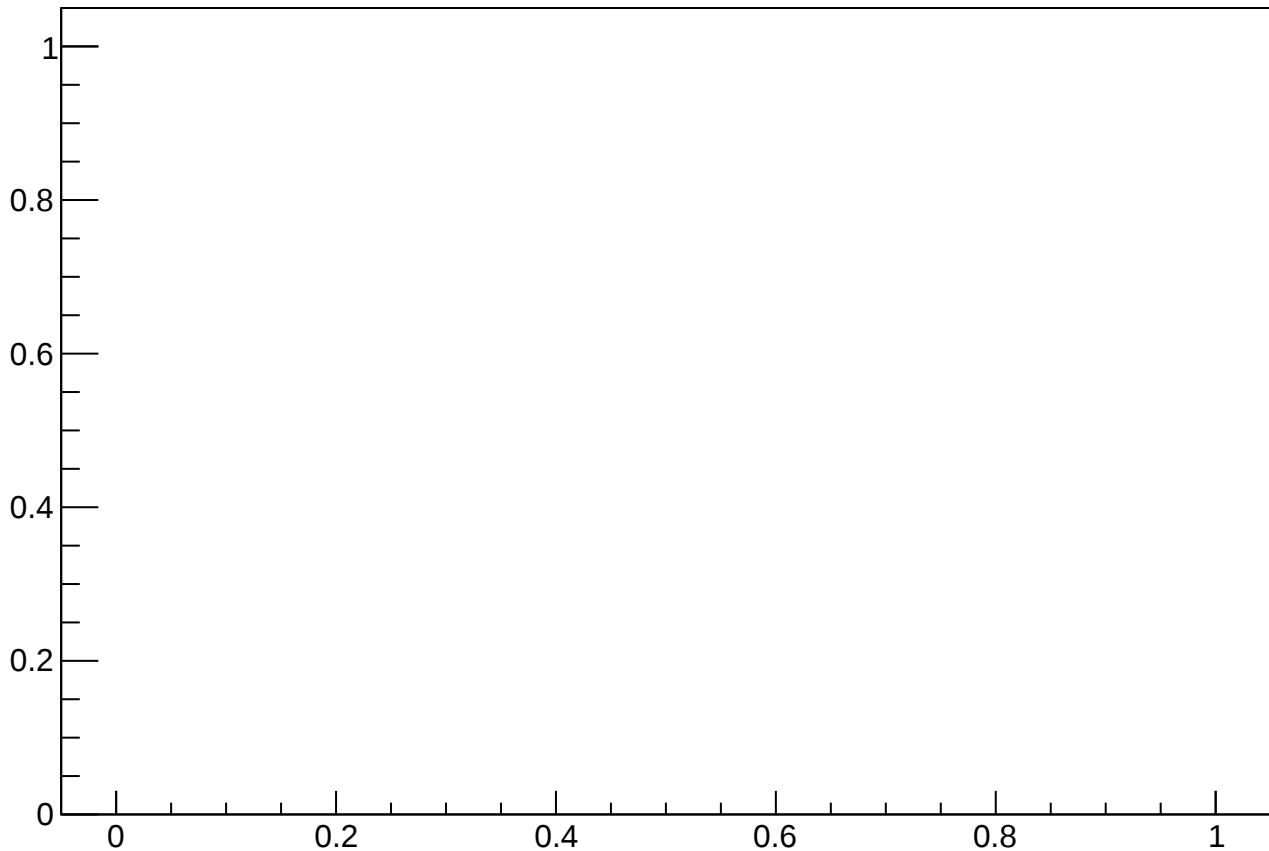
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

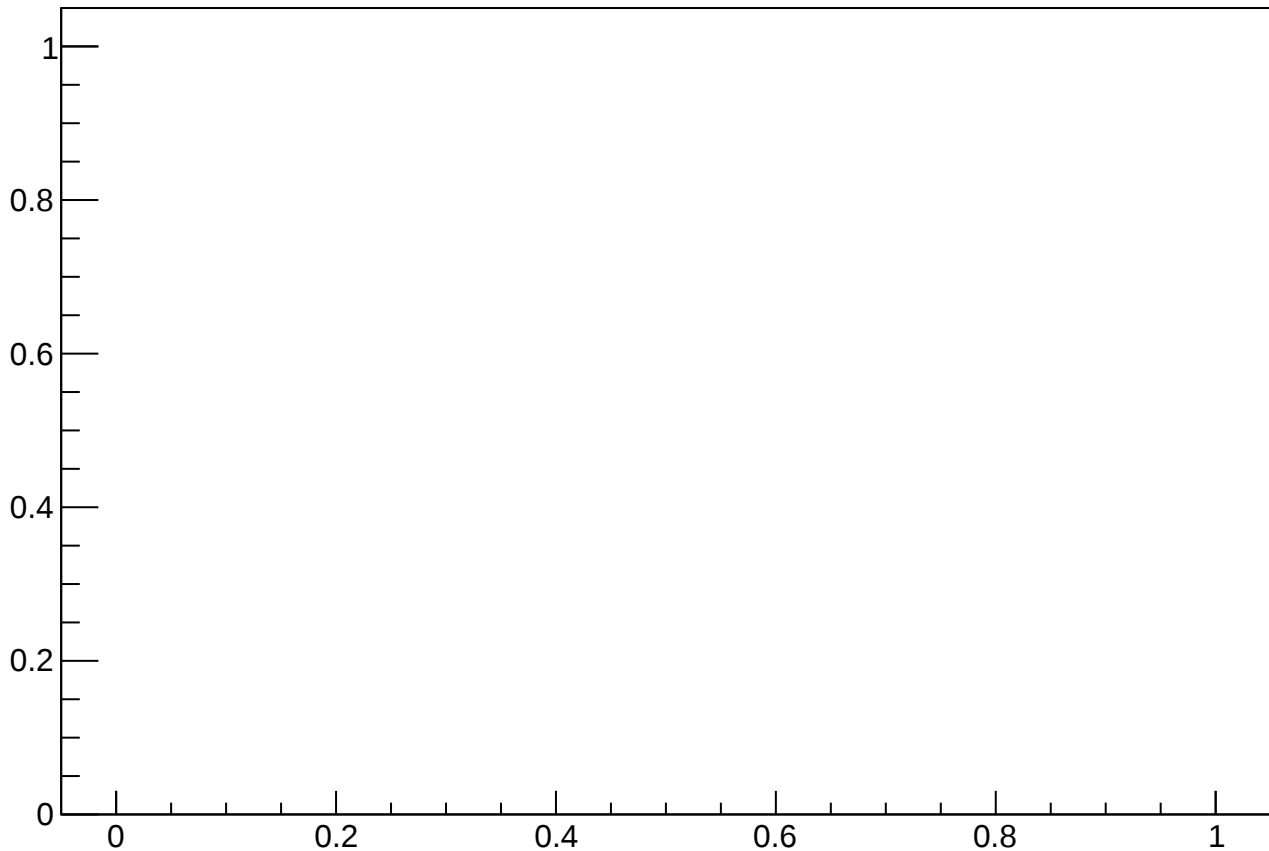
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

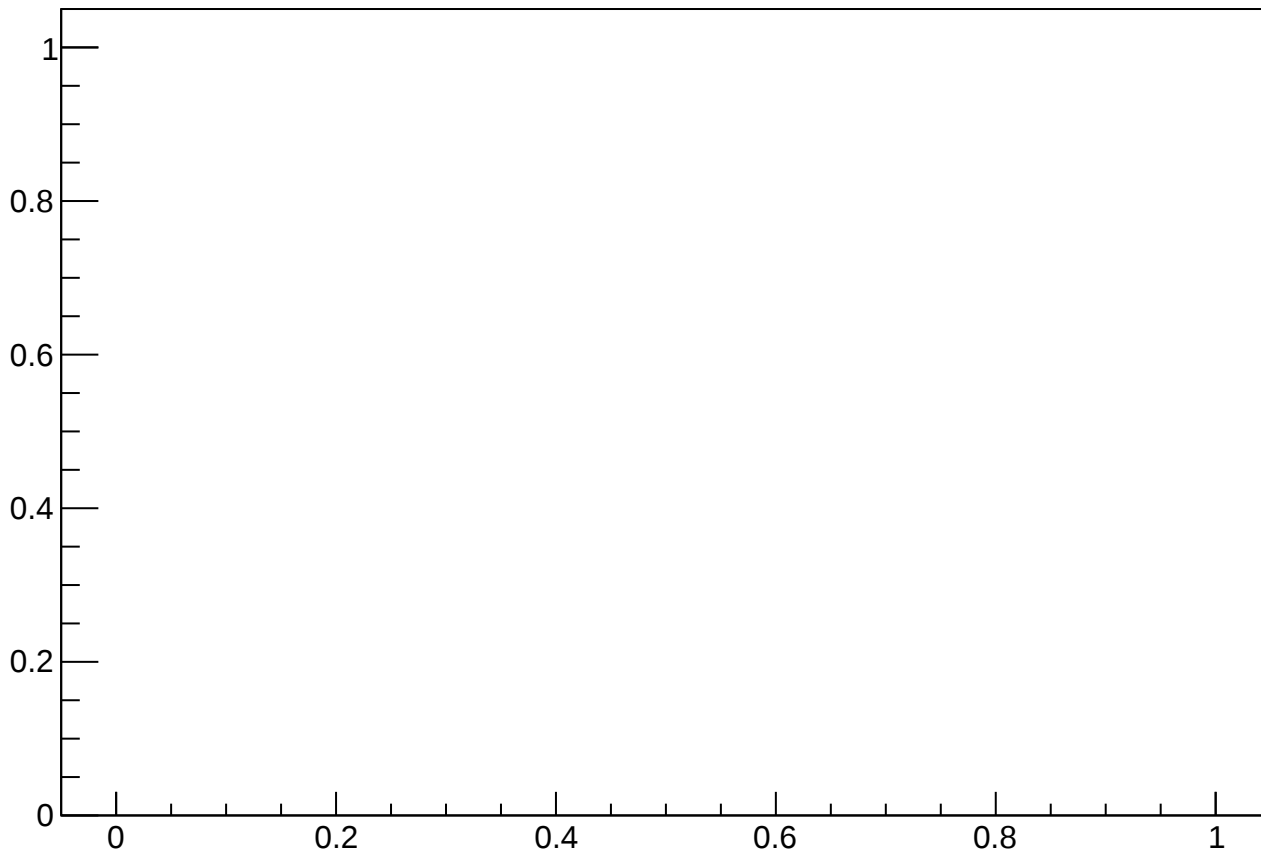
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

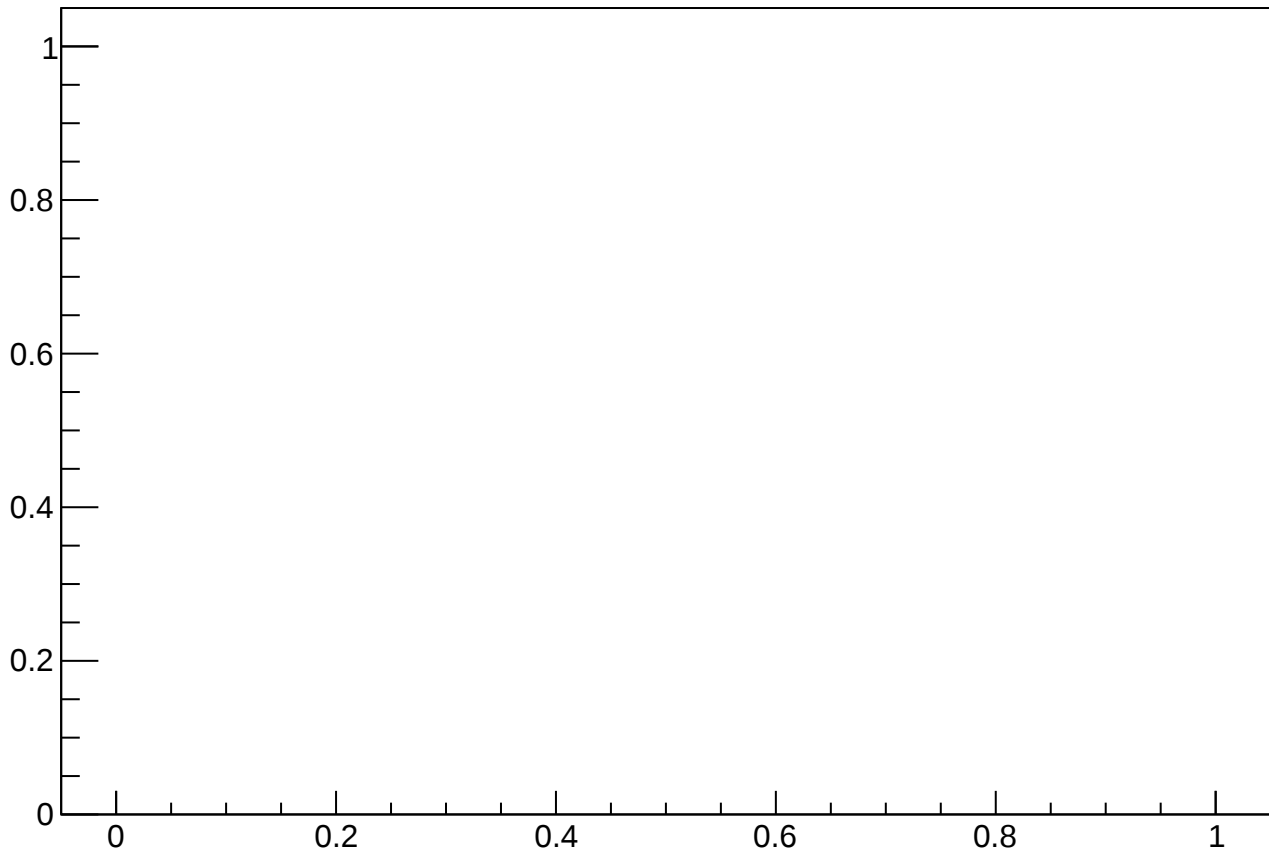
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

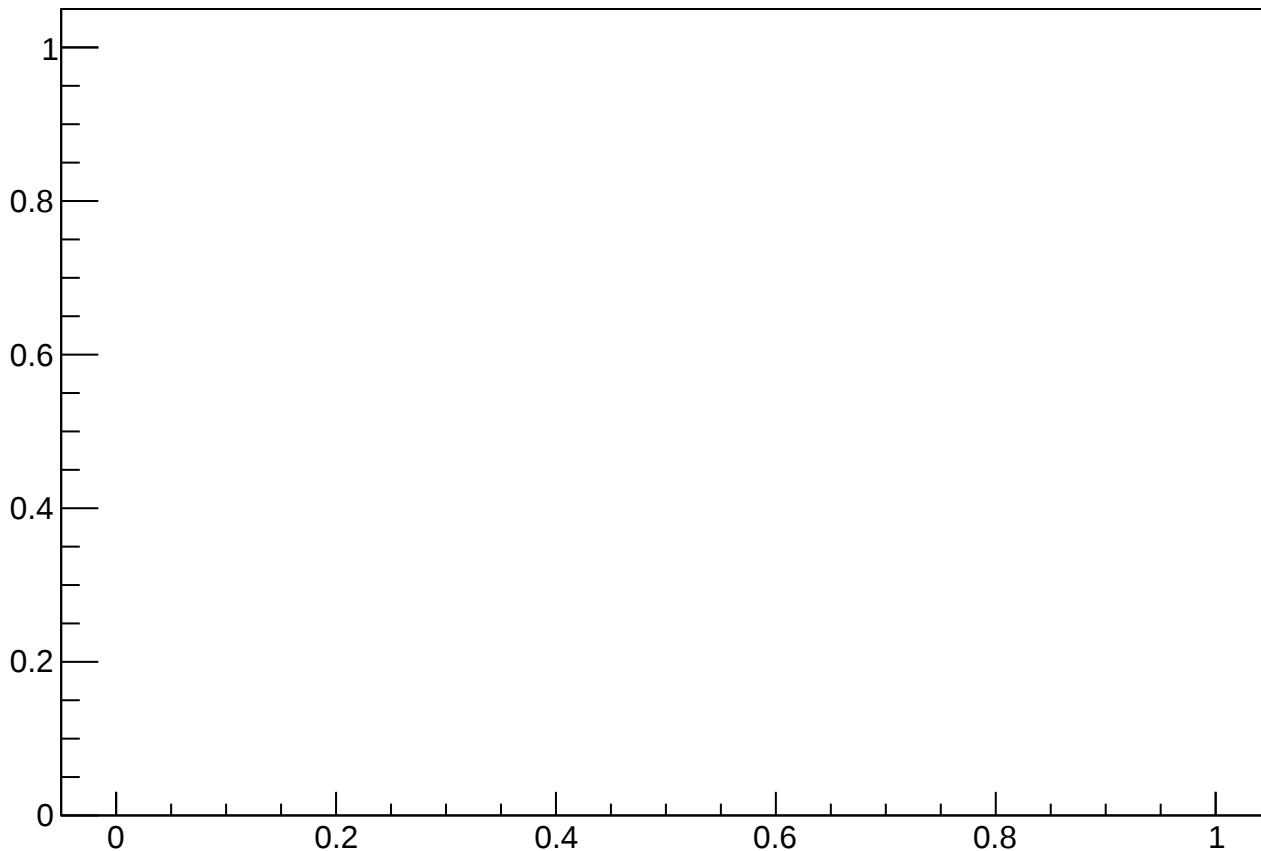
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

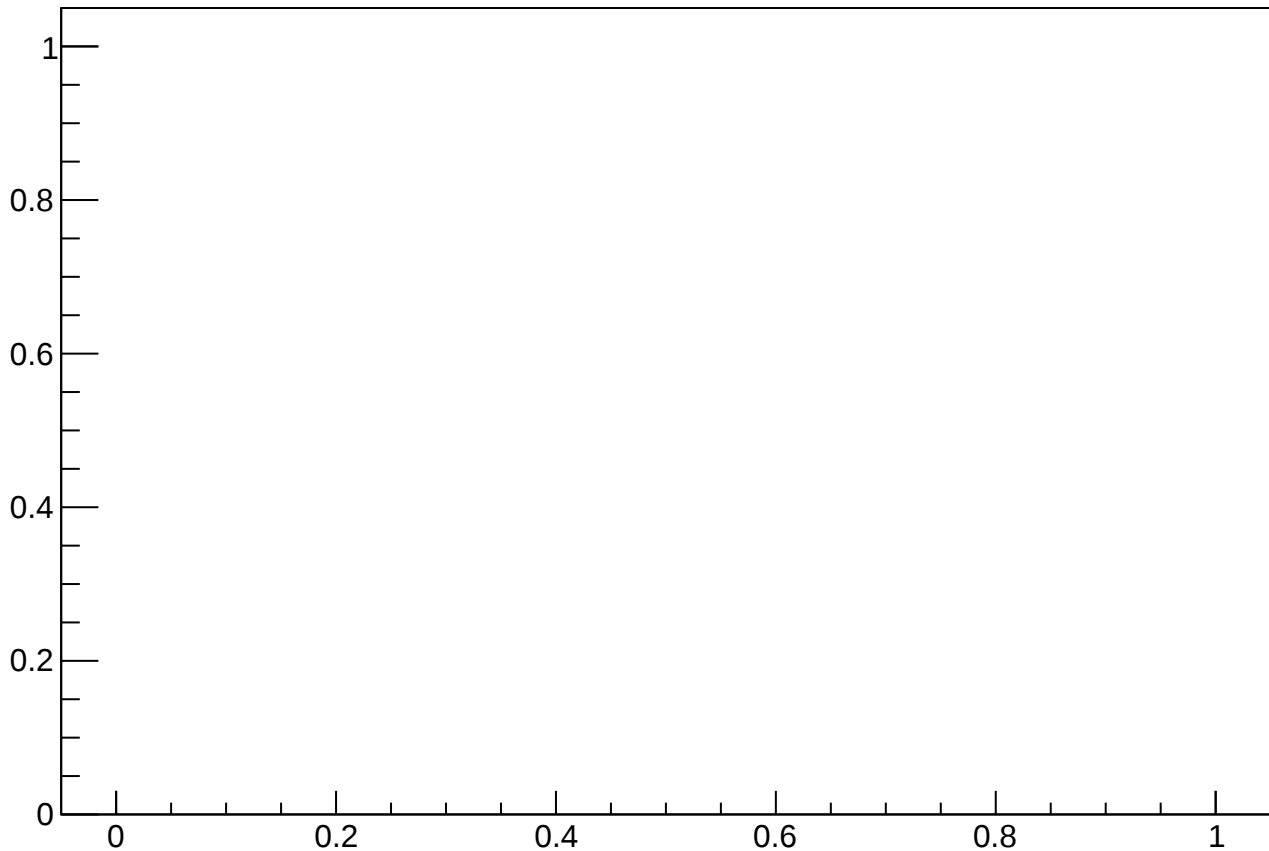
dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

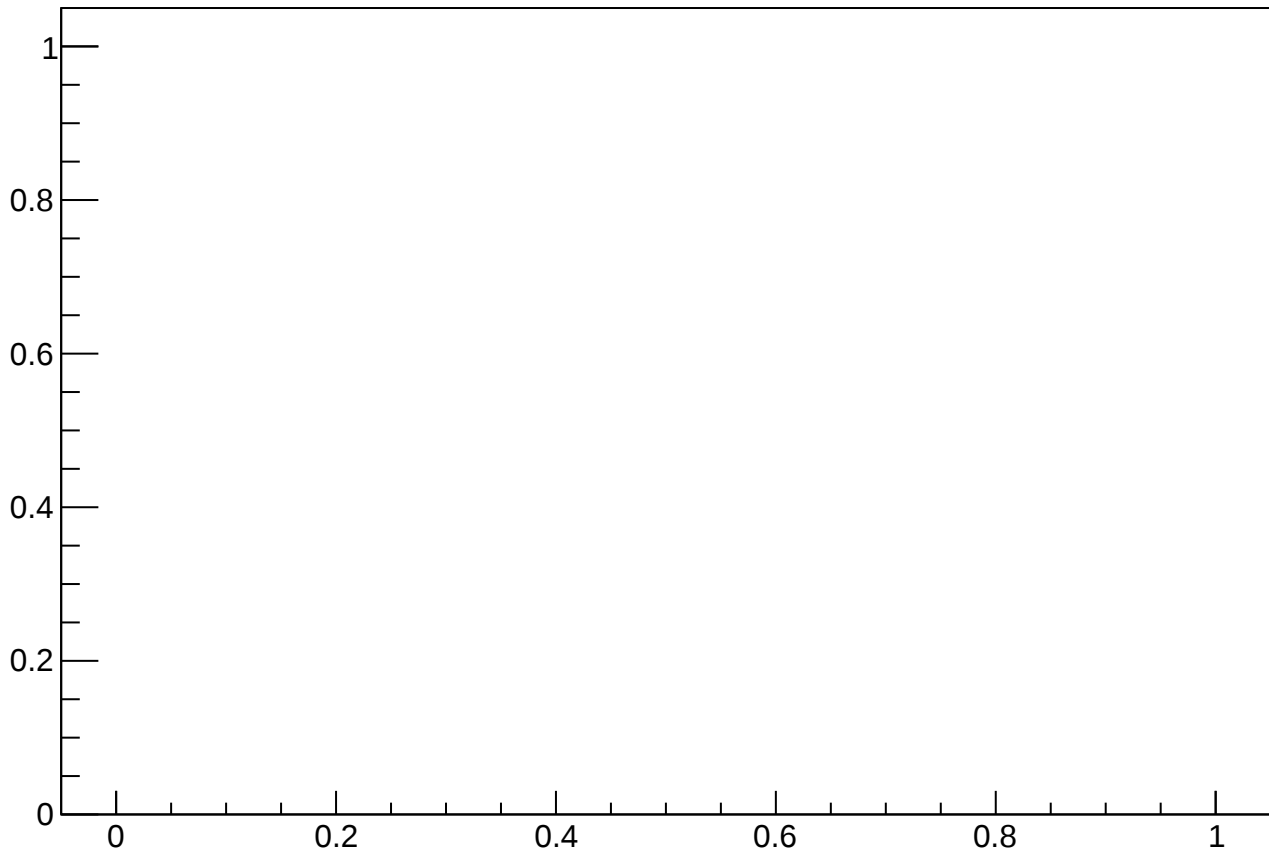
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

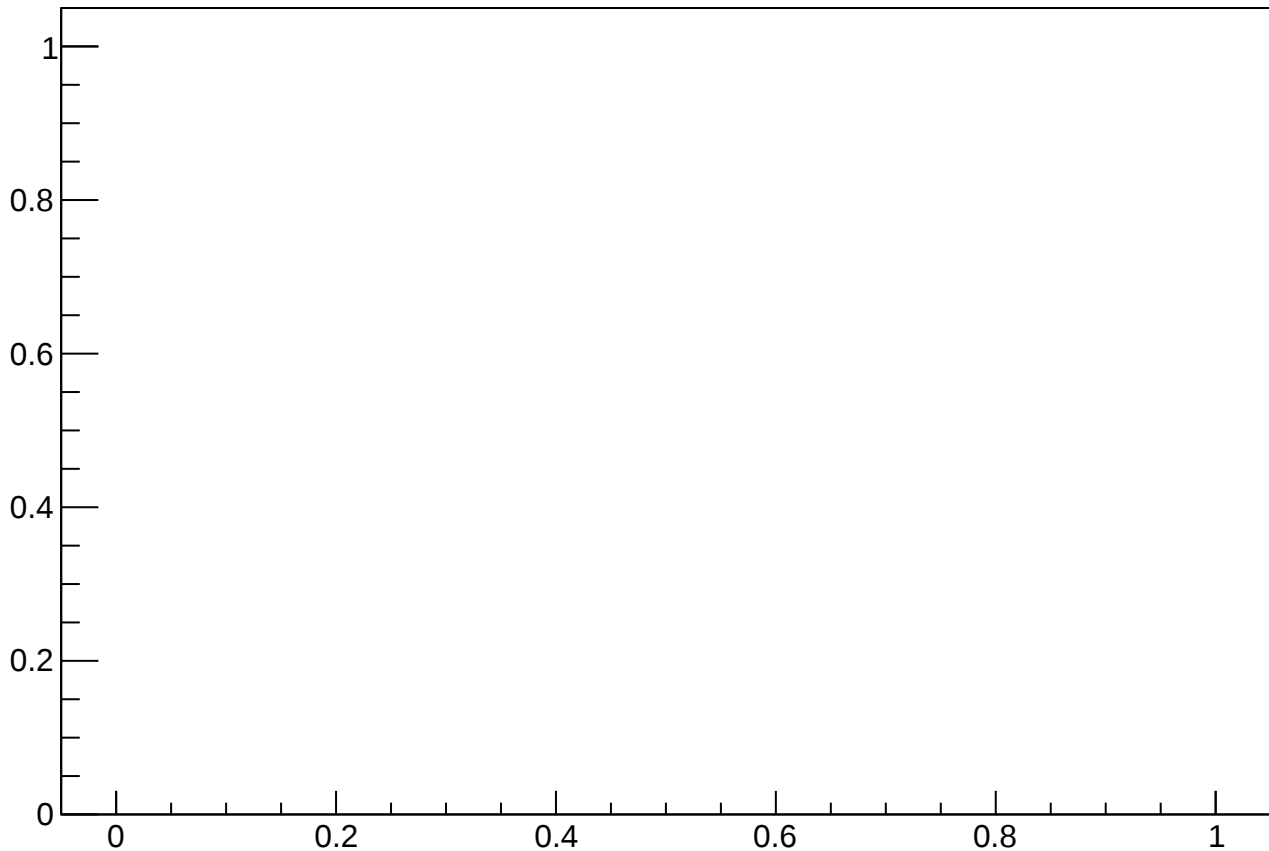
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

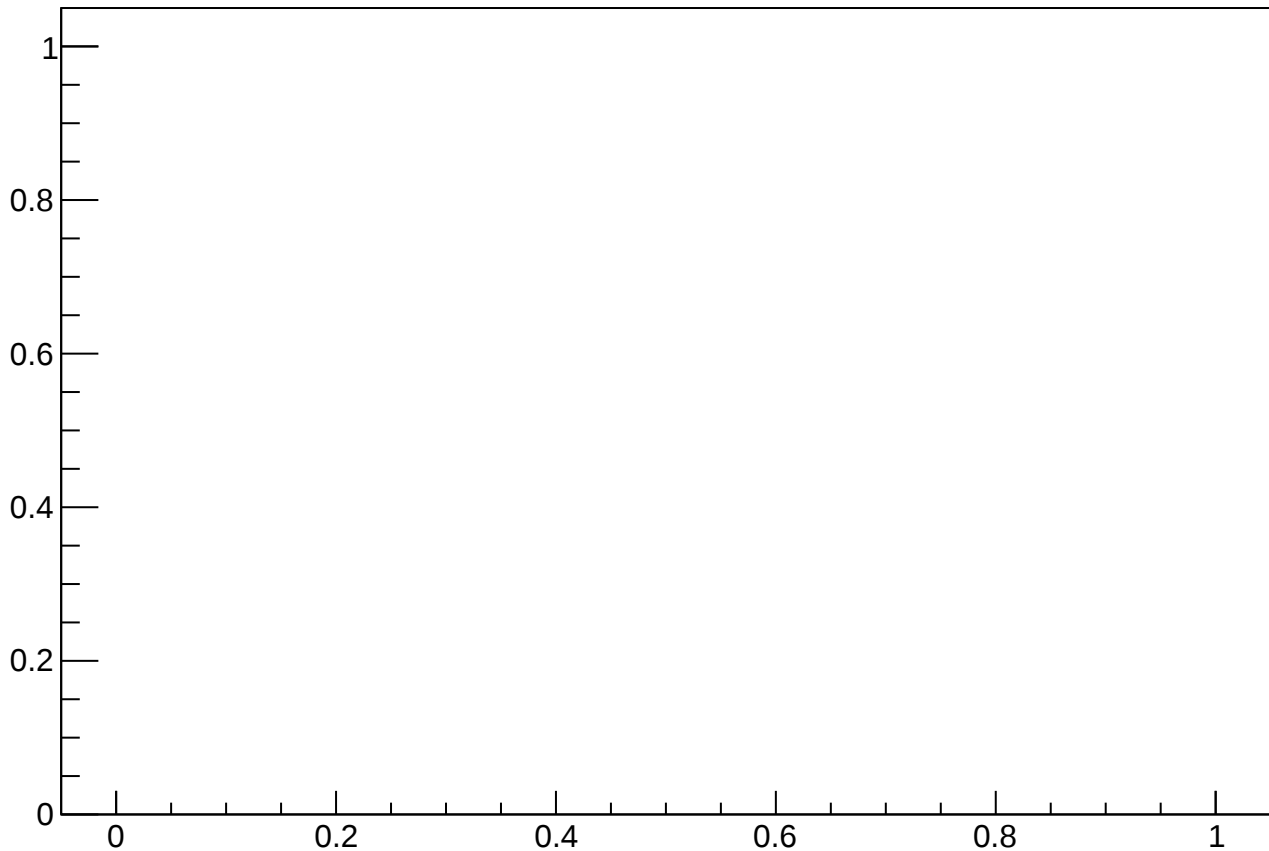
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

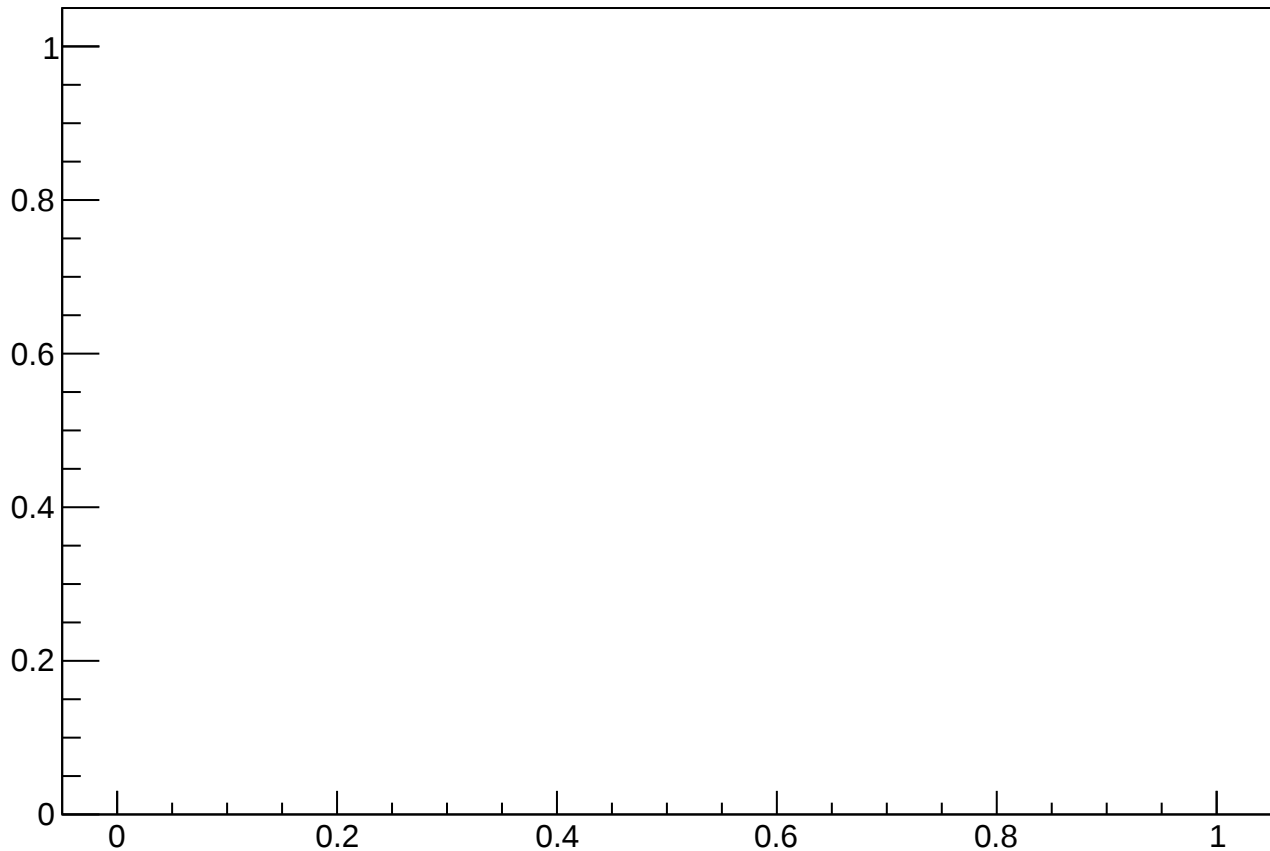
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

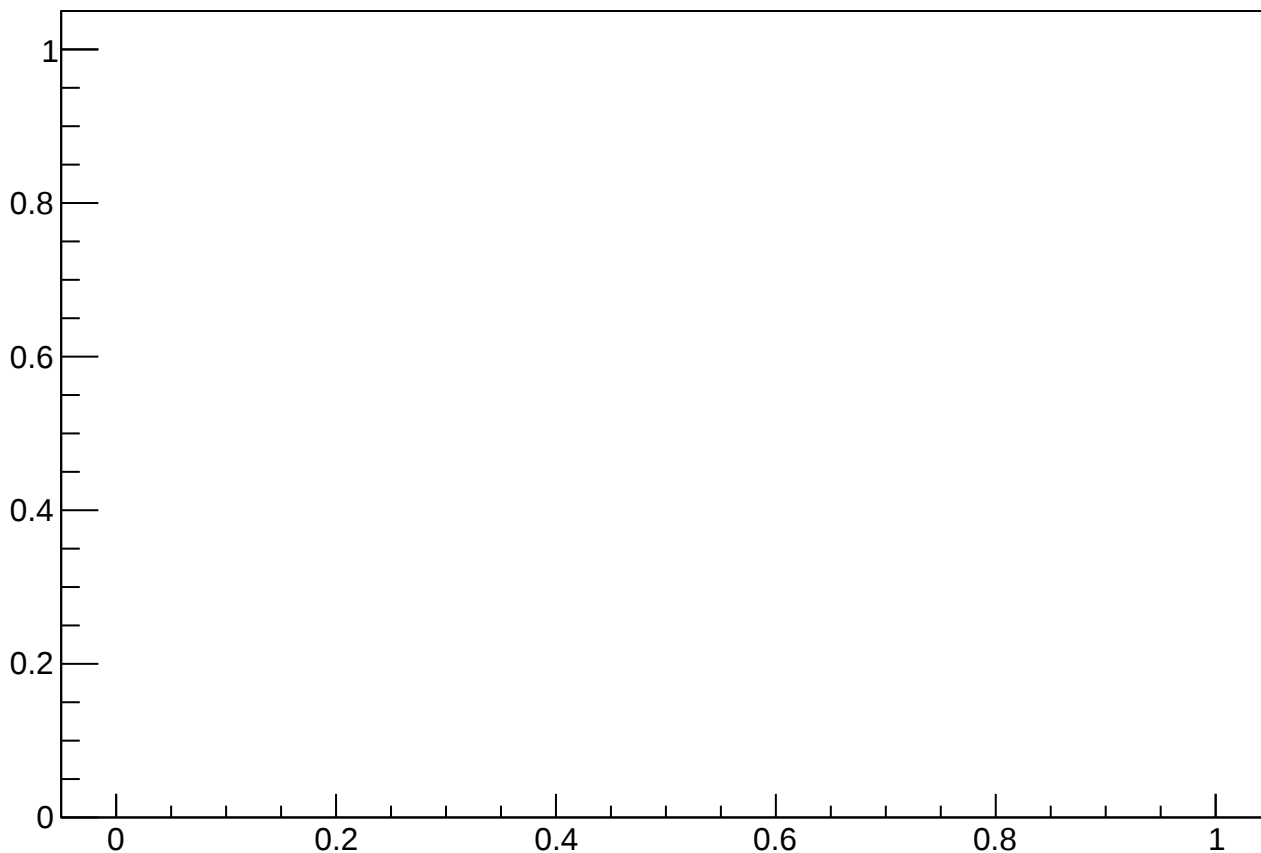
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

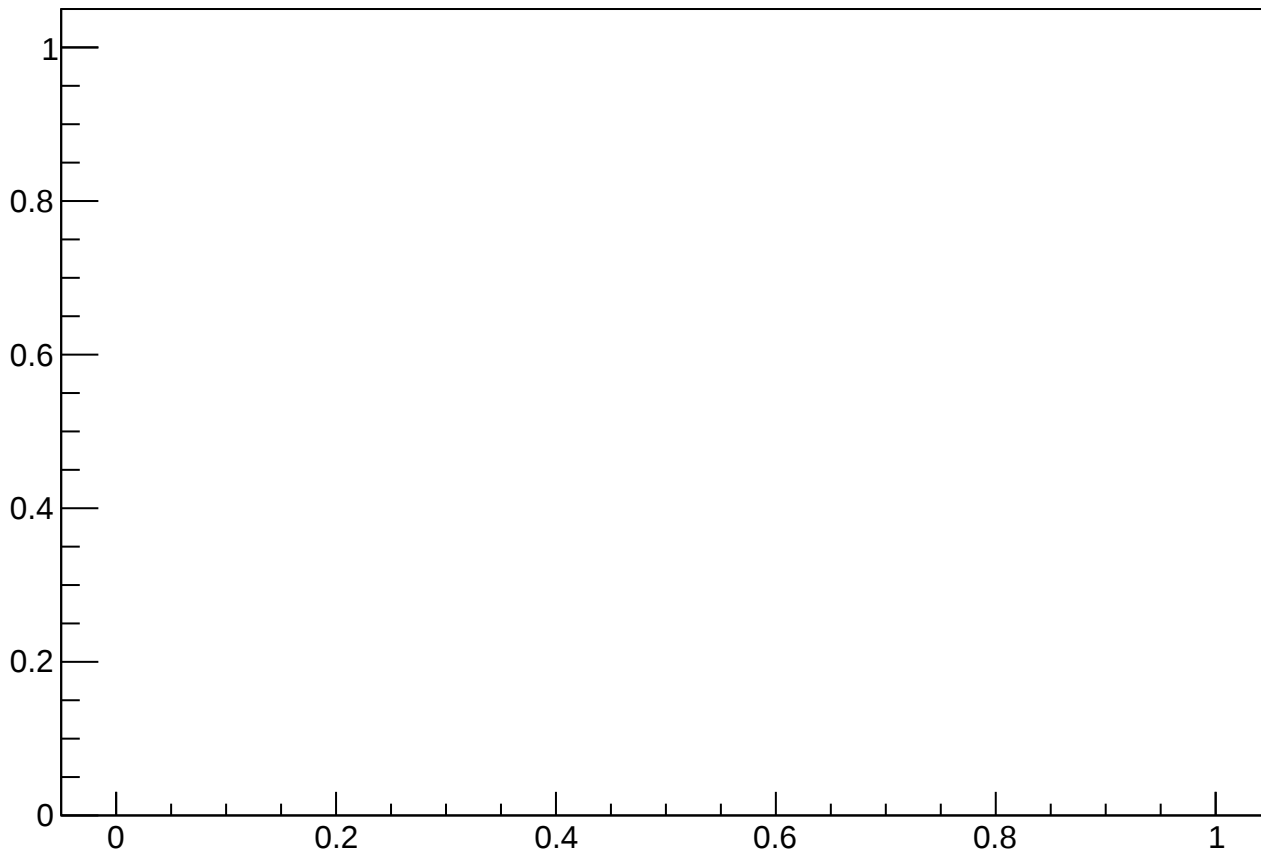
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

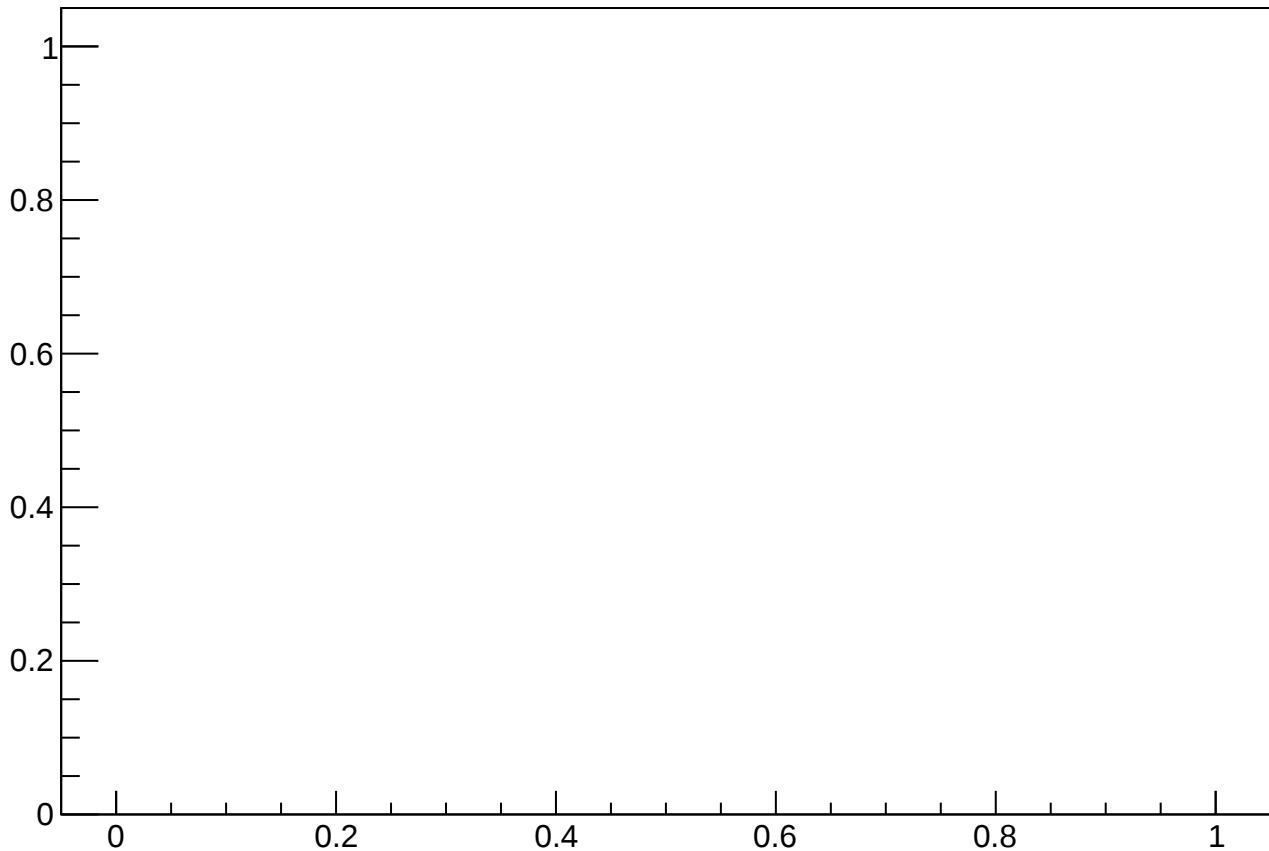
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

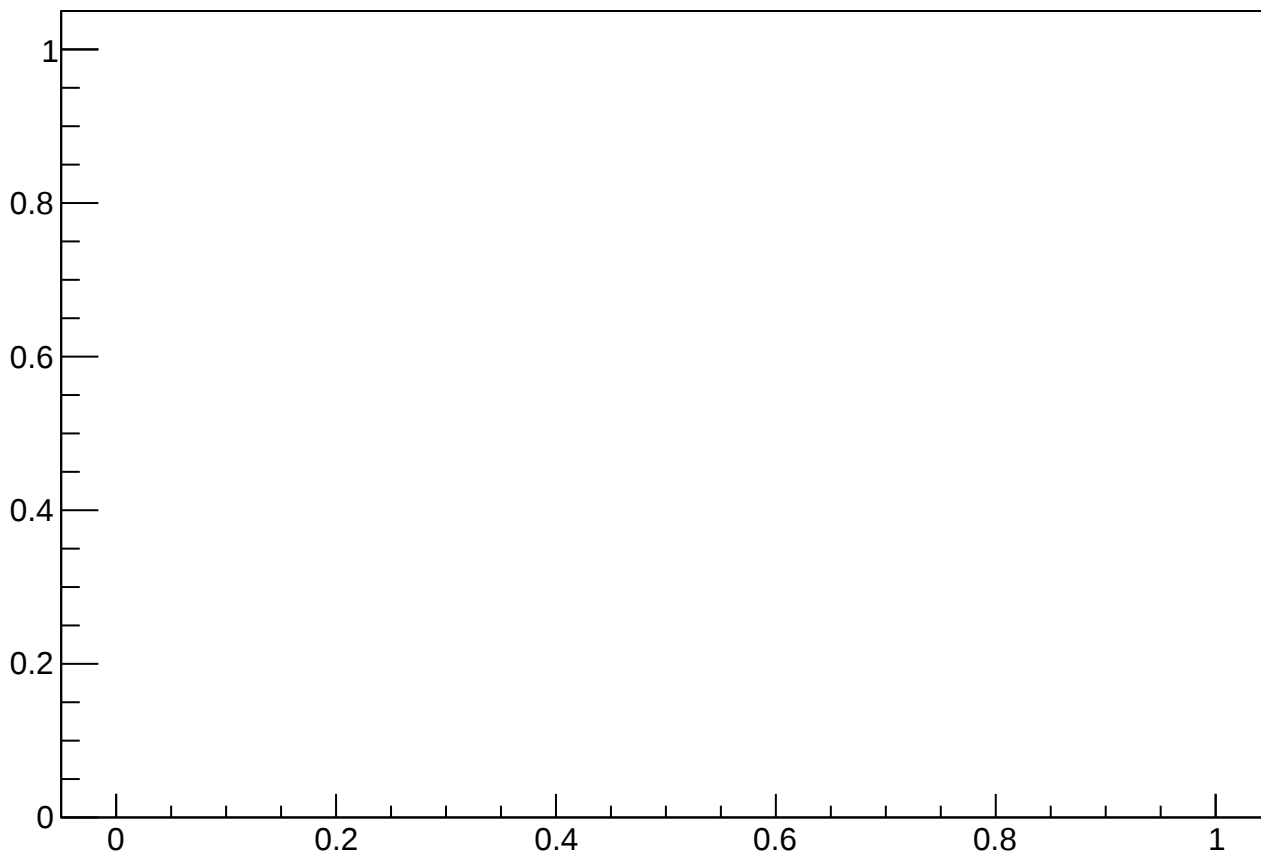
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

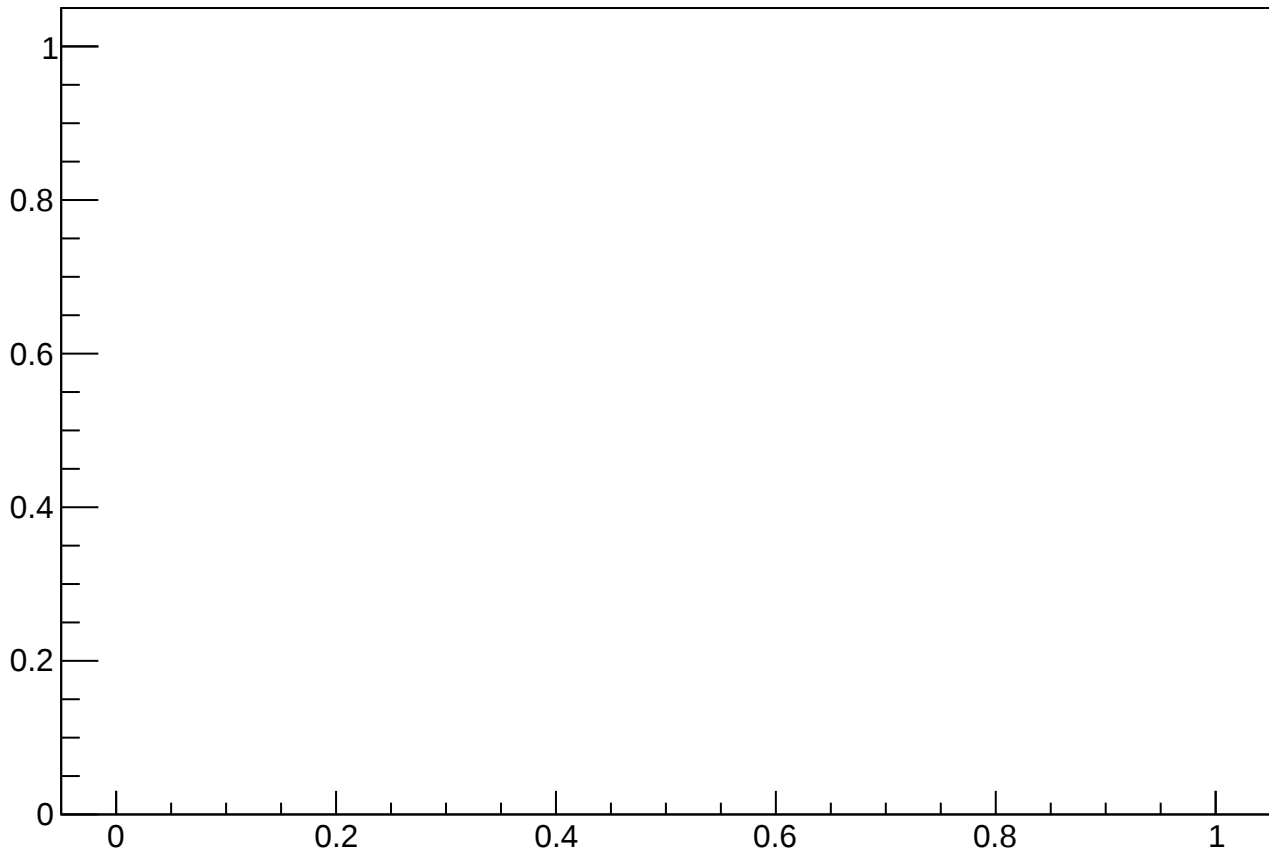
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

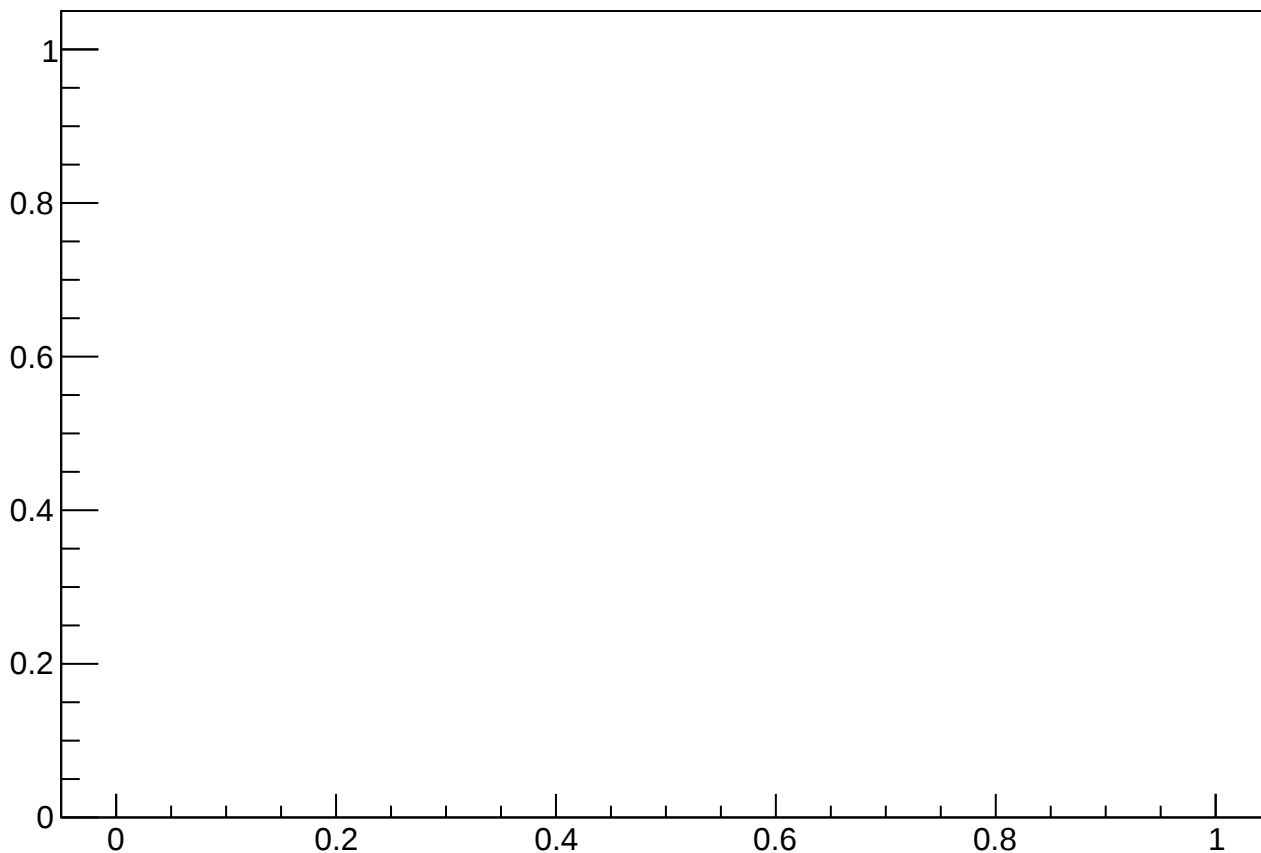
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

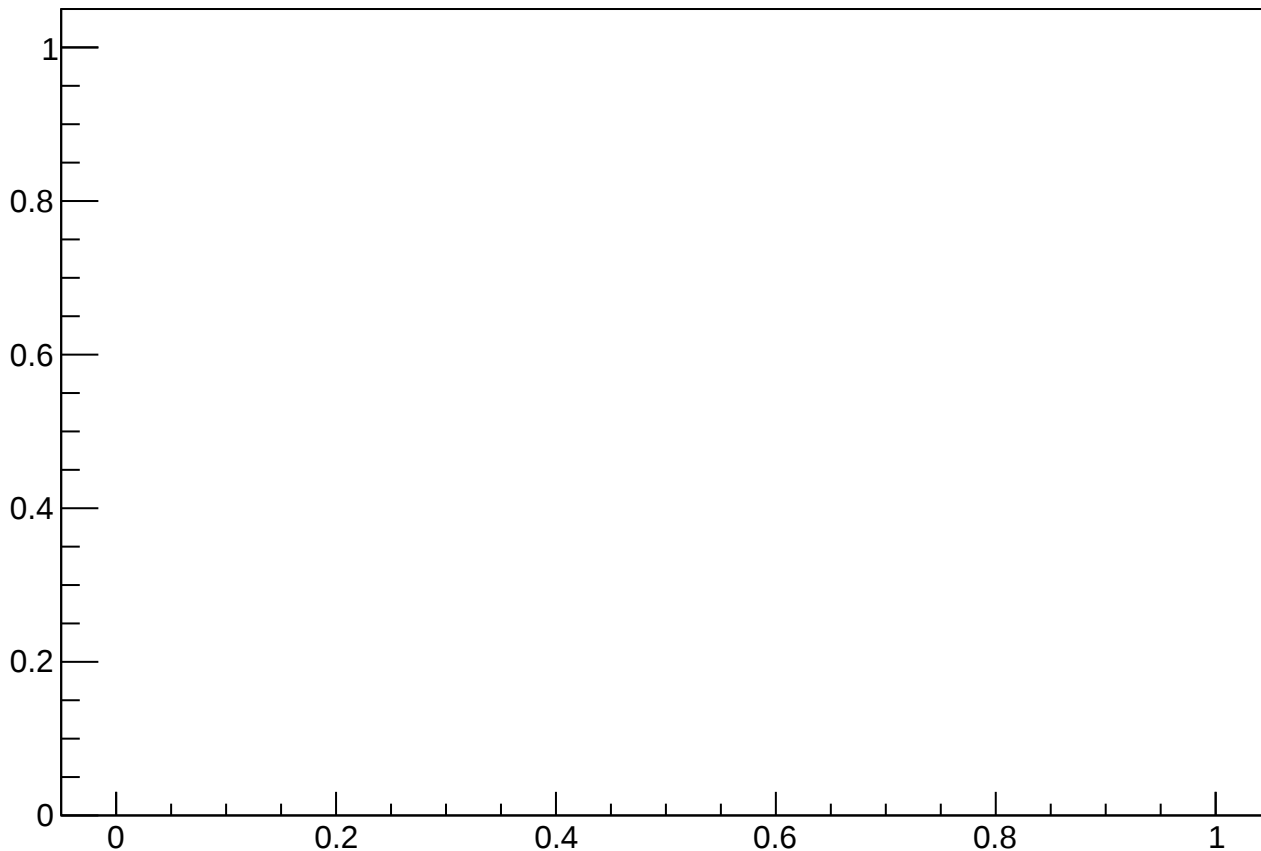
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

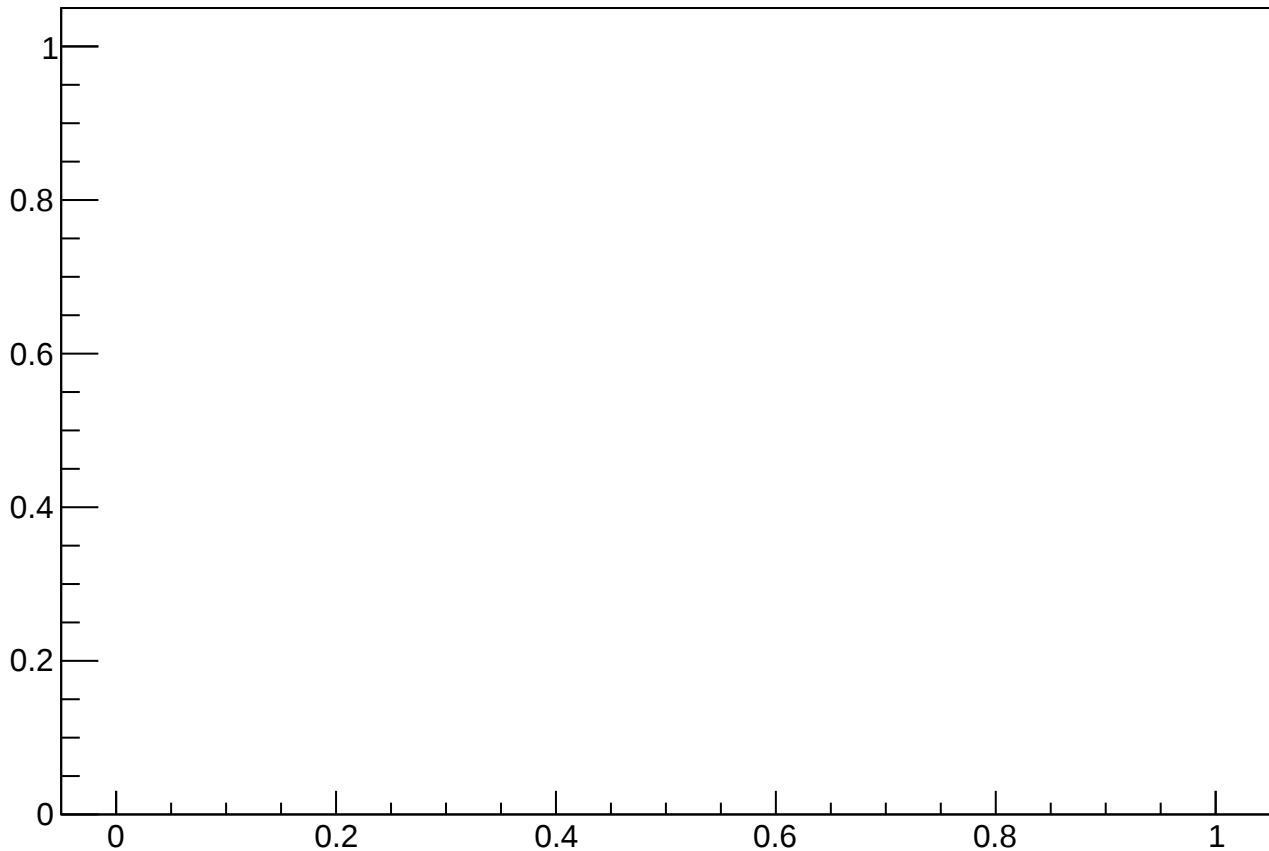
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

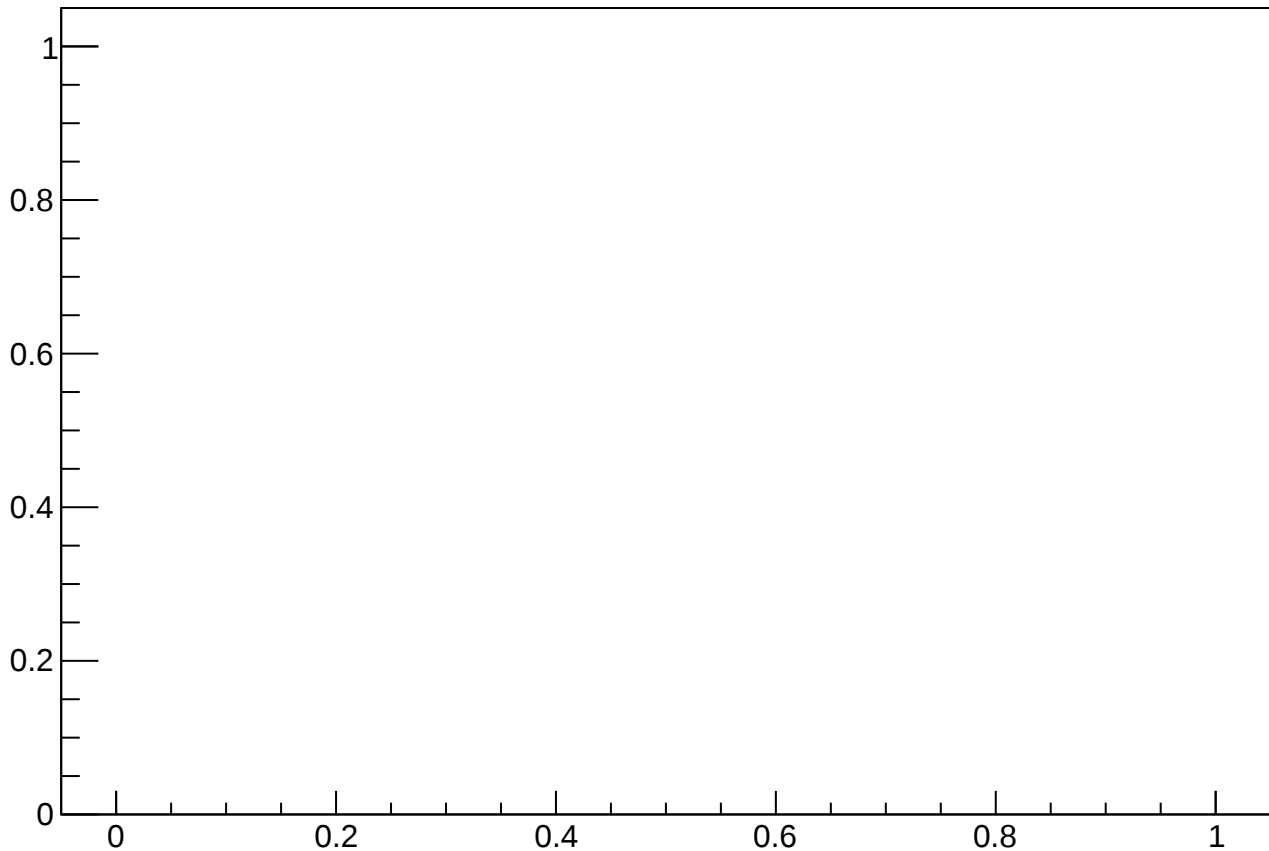
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

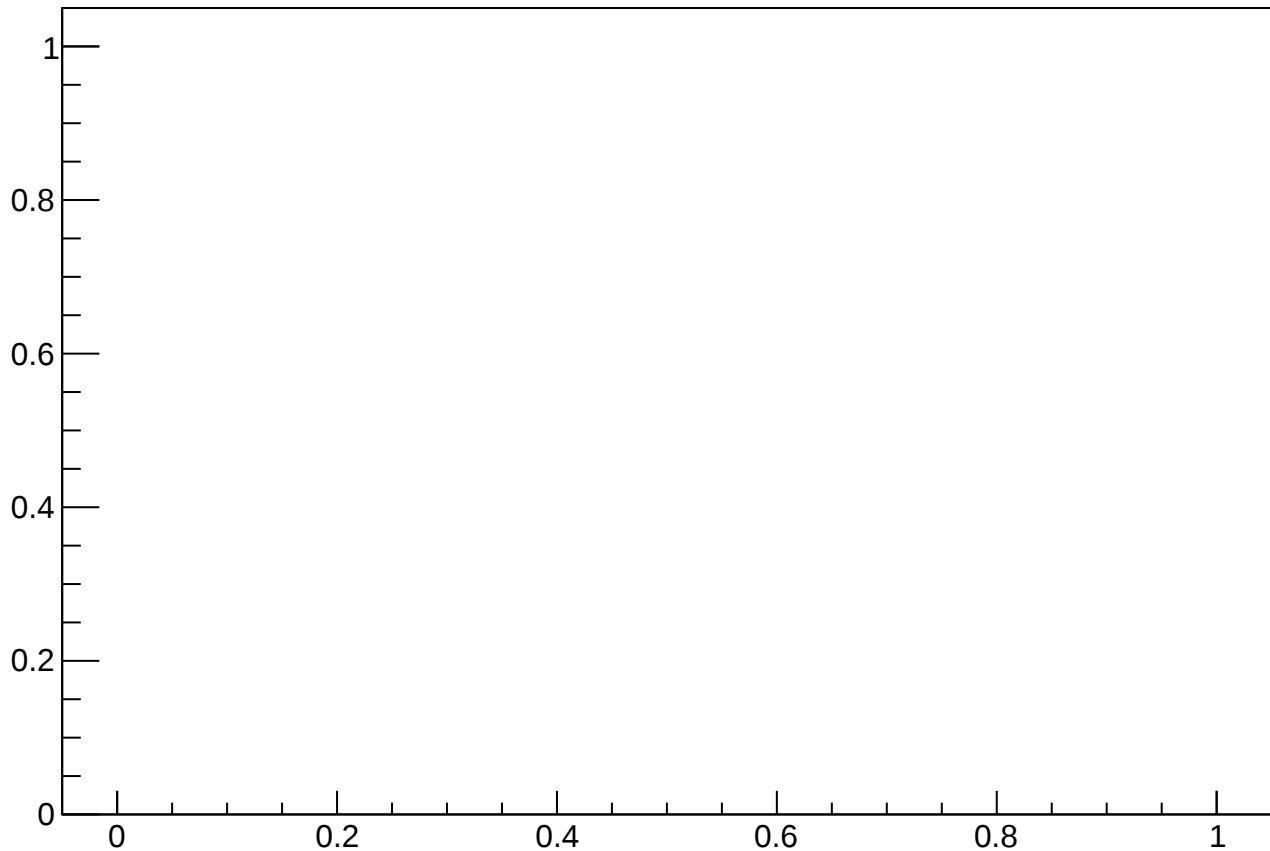
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

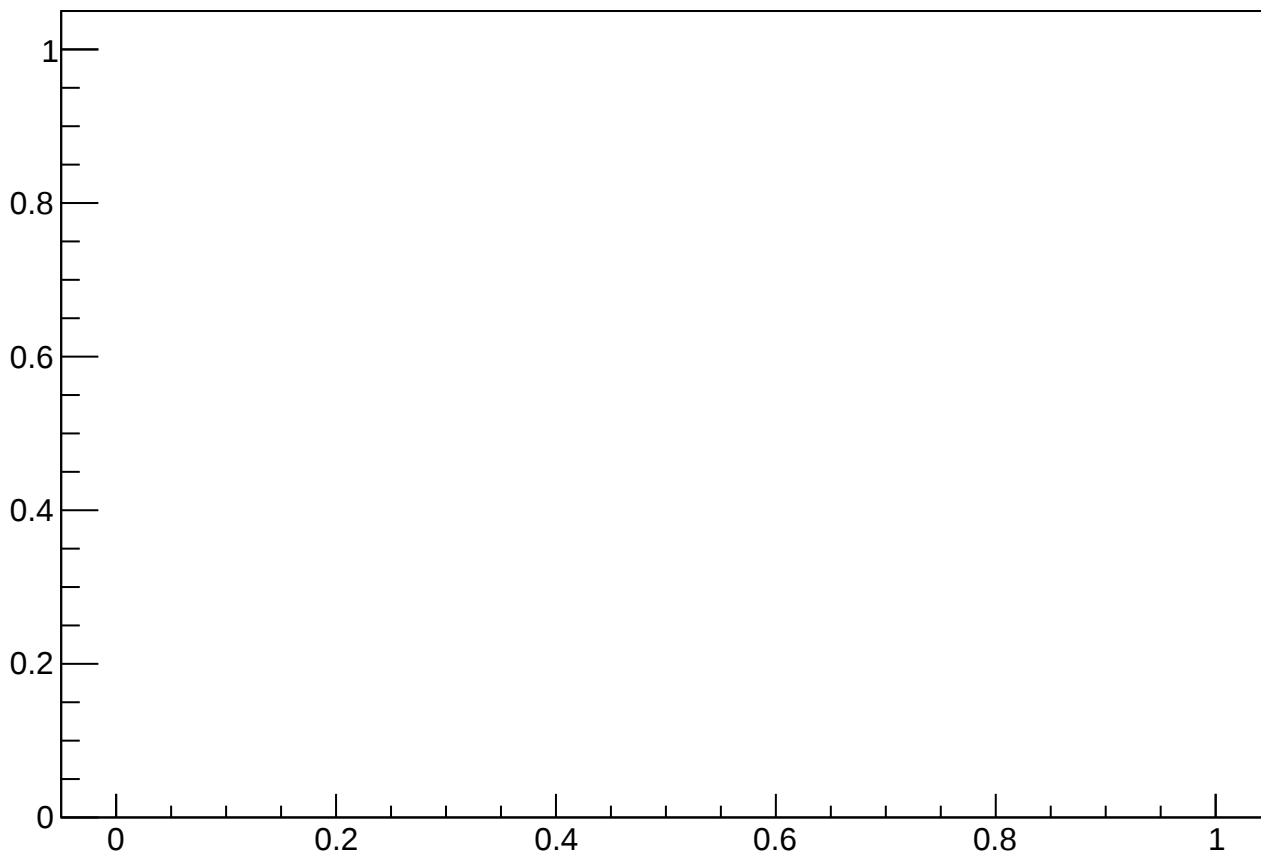
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

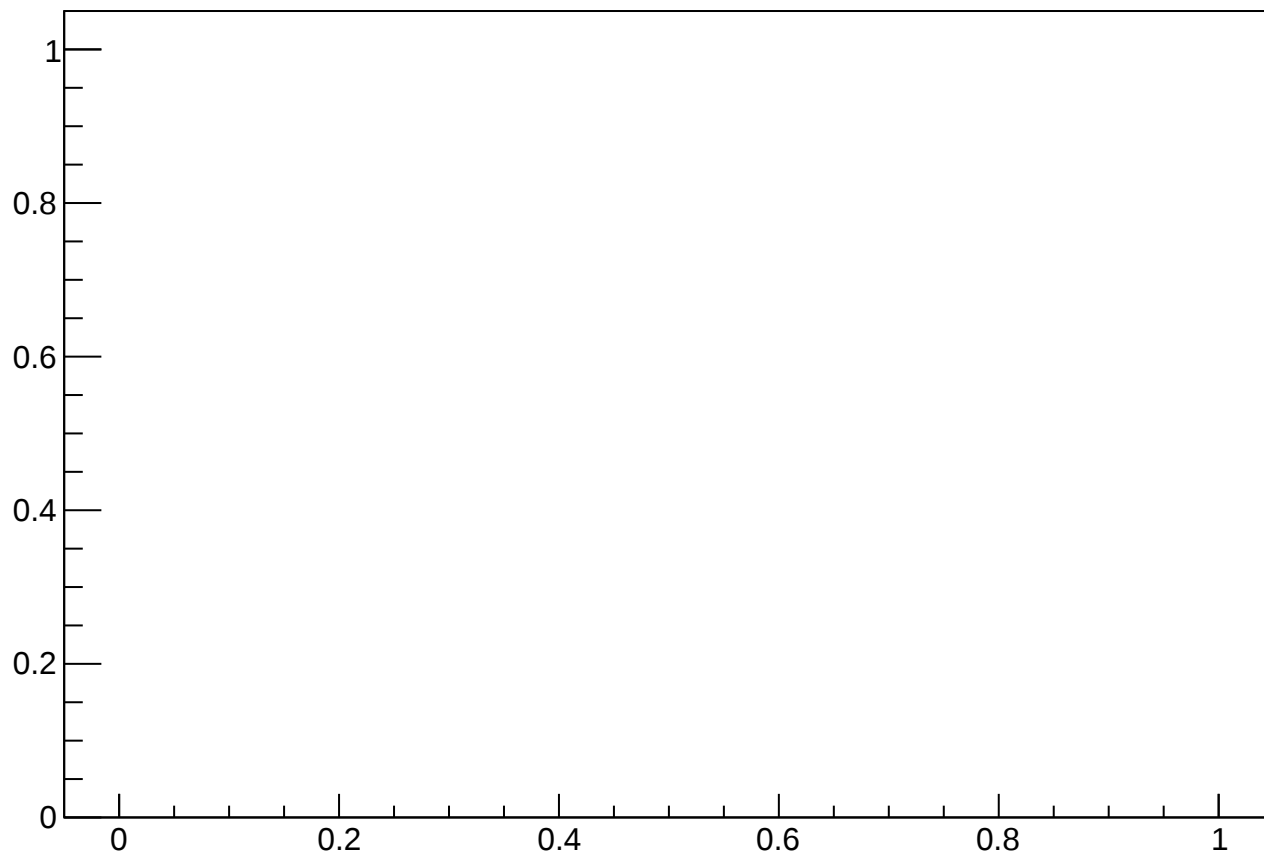
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

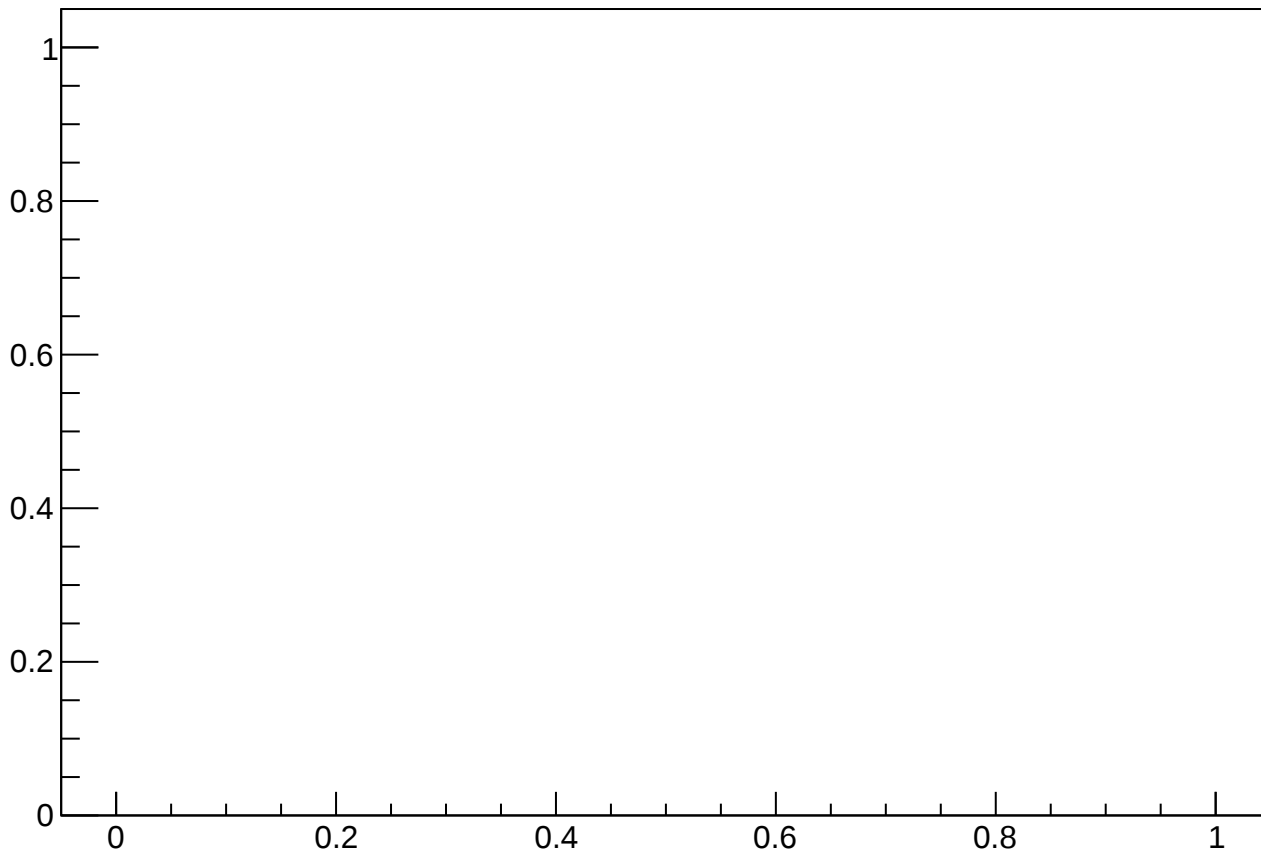
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

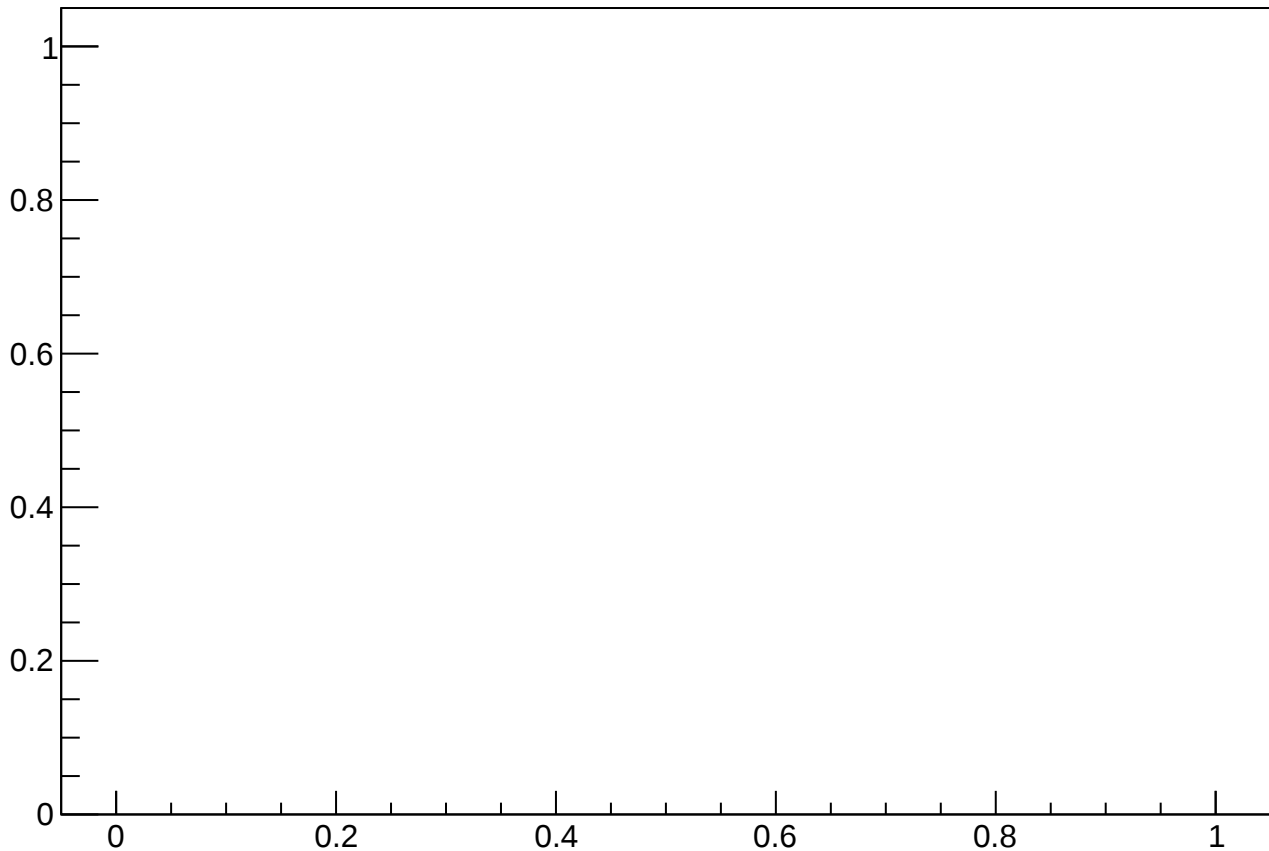
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

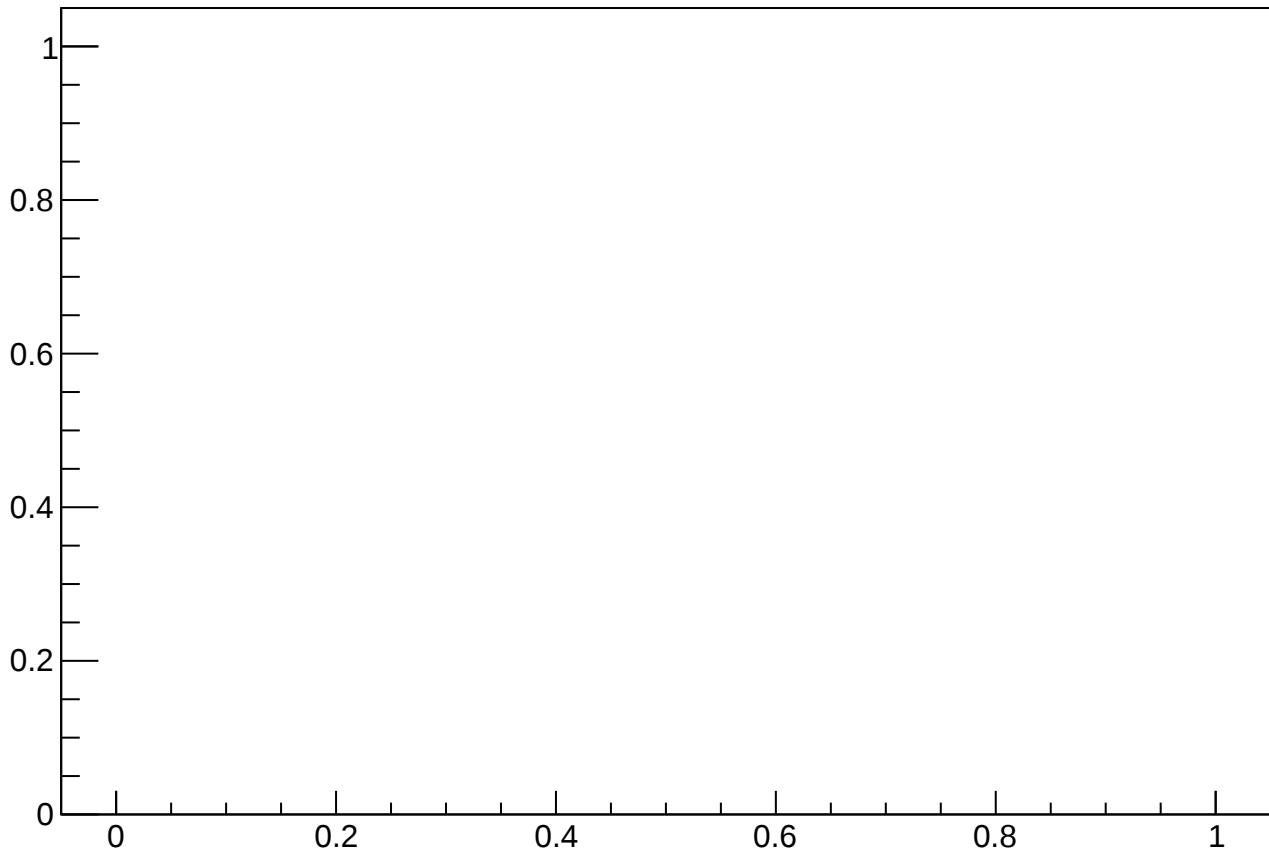
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

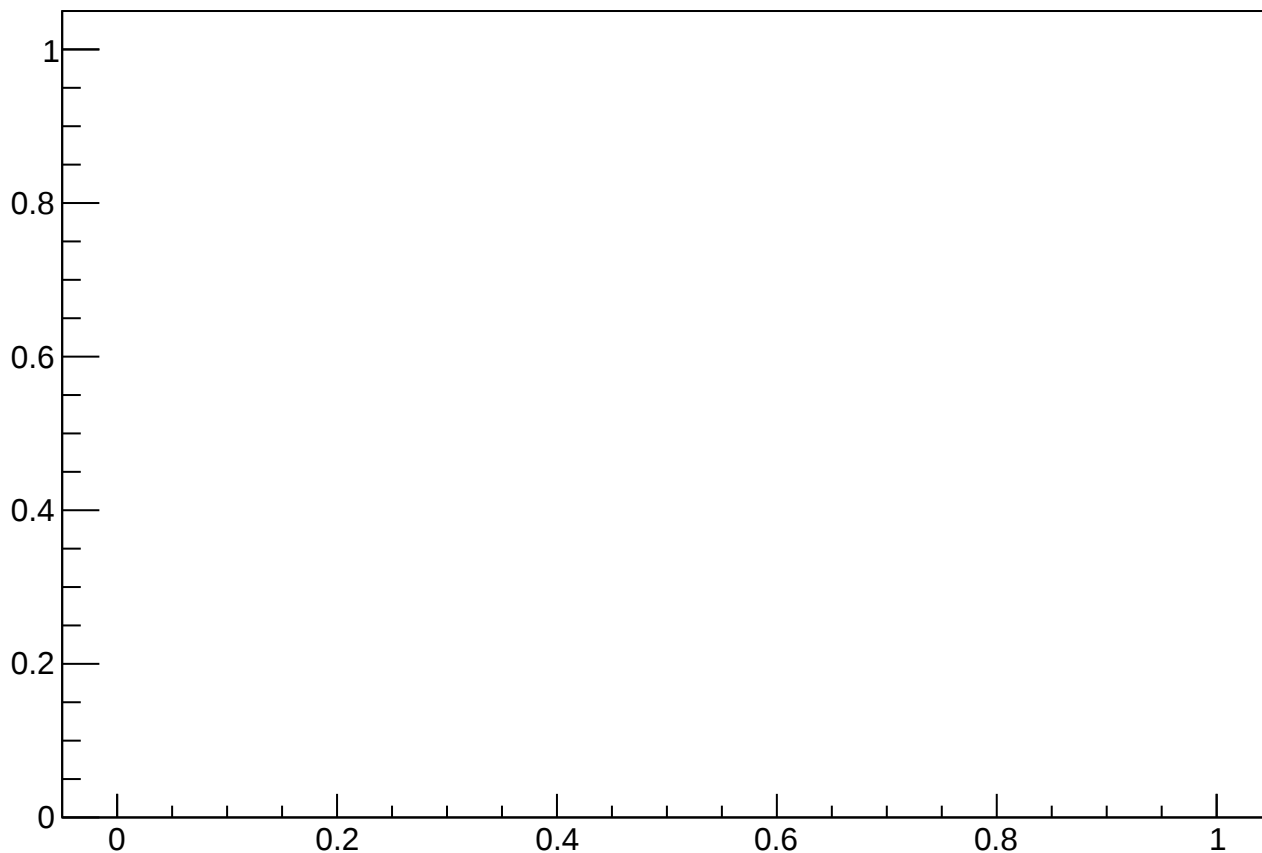
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

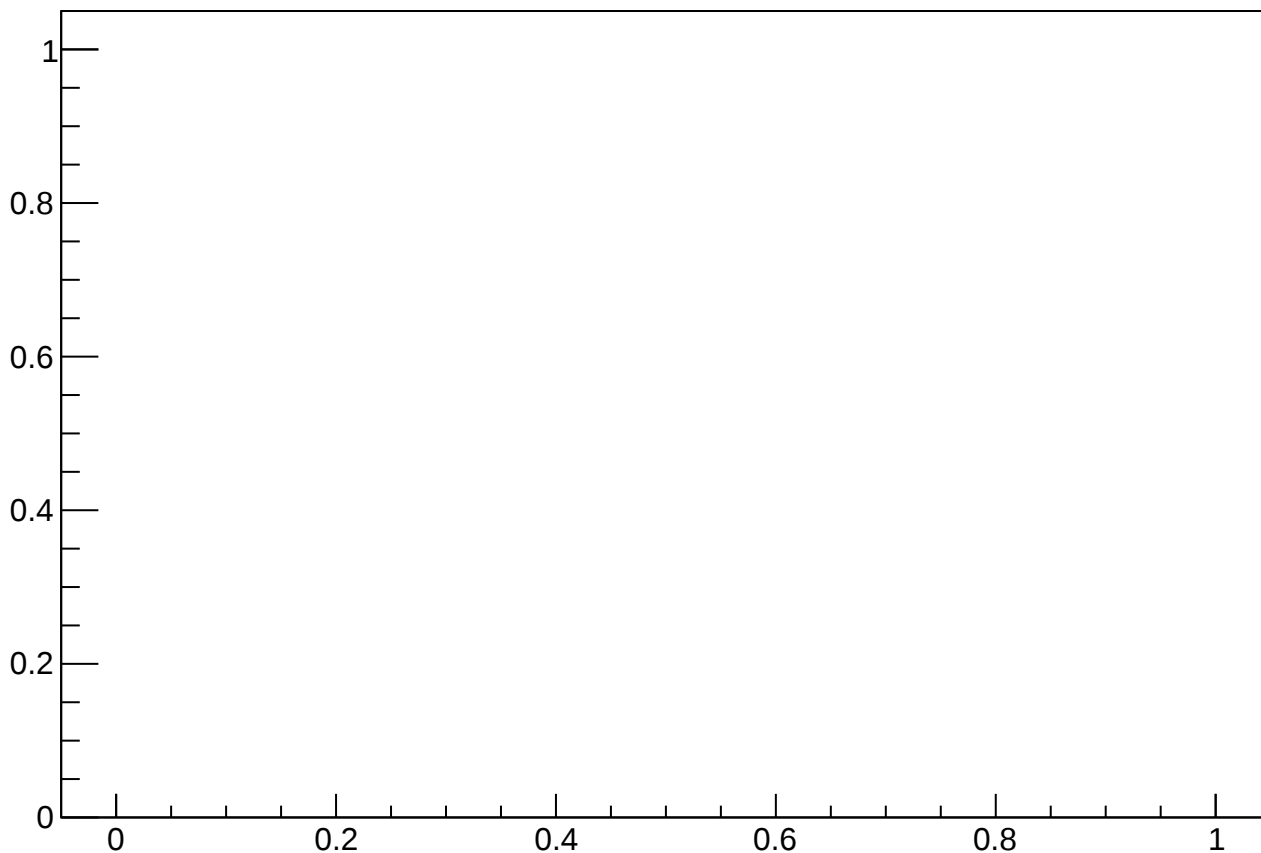
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

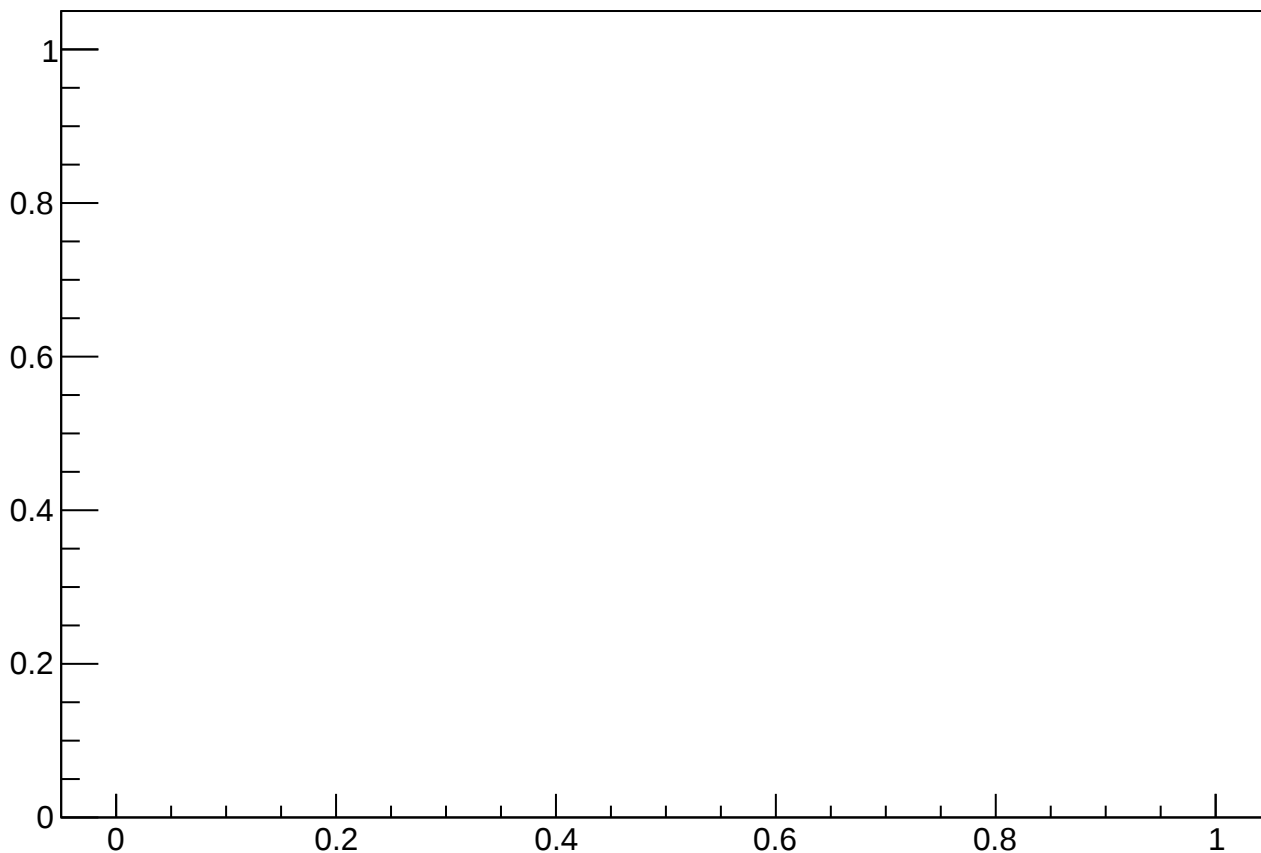
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

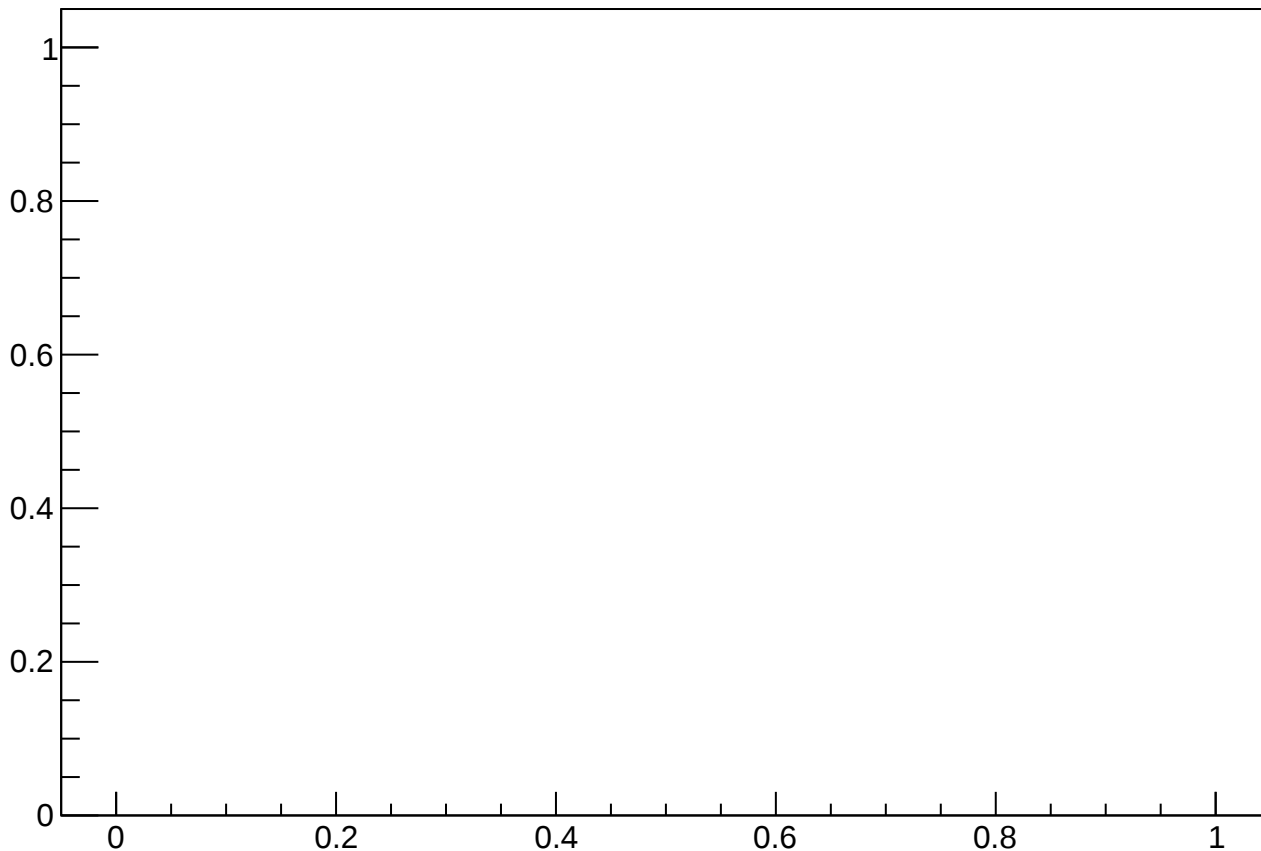
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

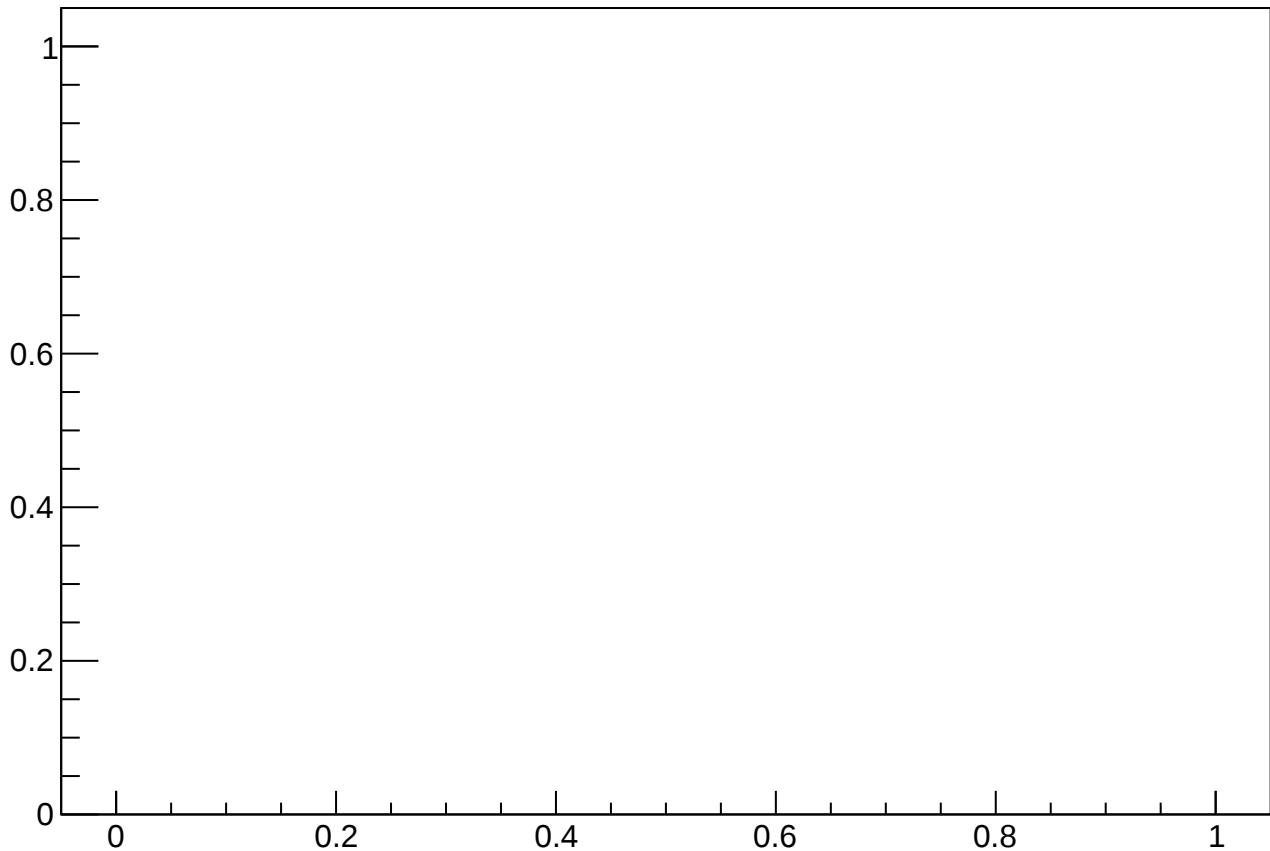
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

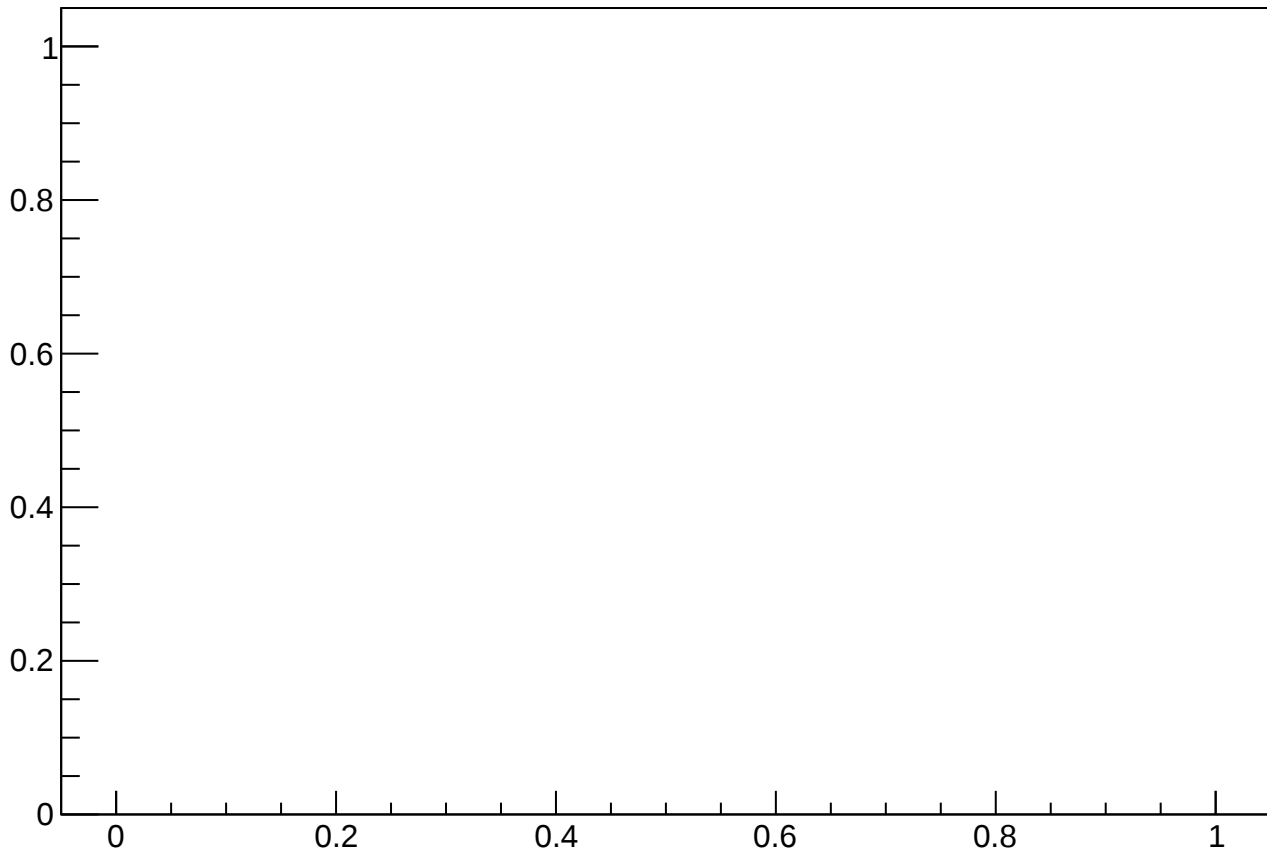
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

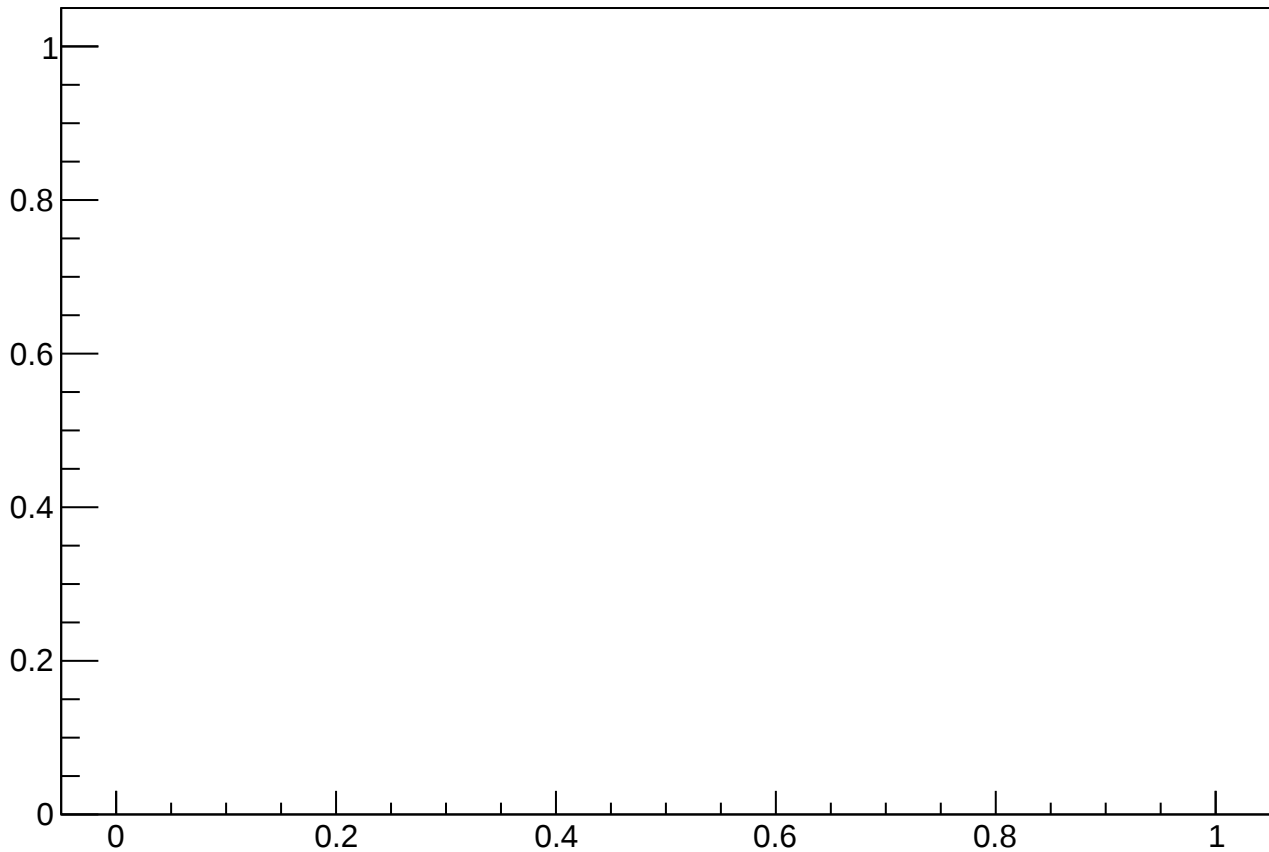
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

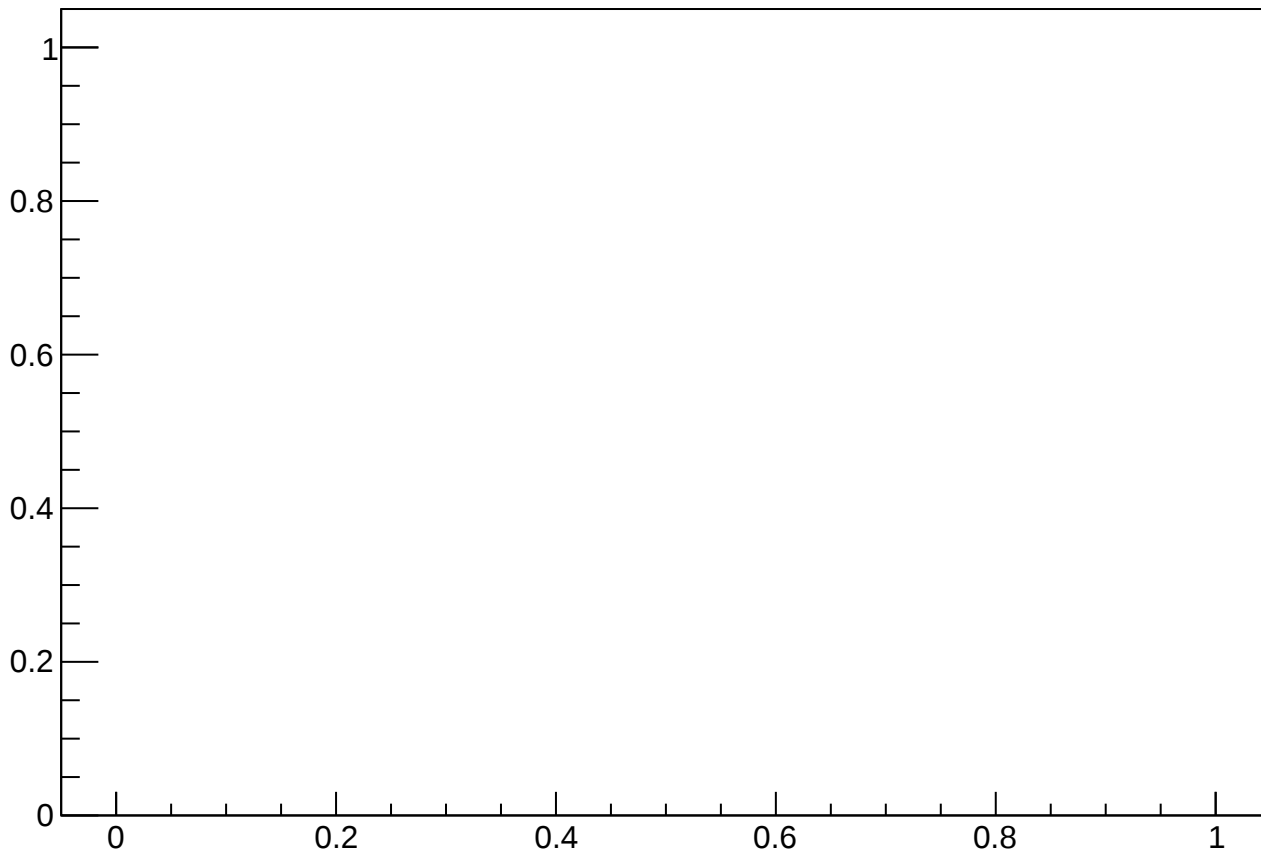
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

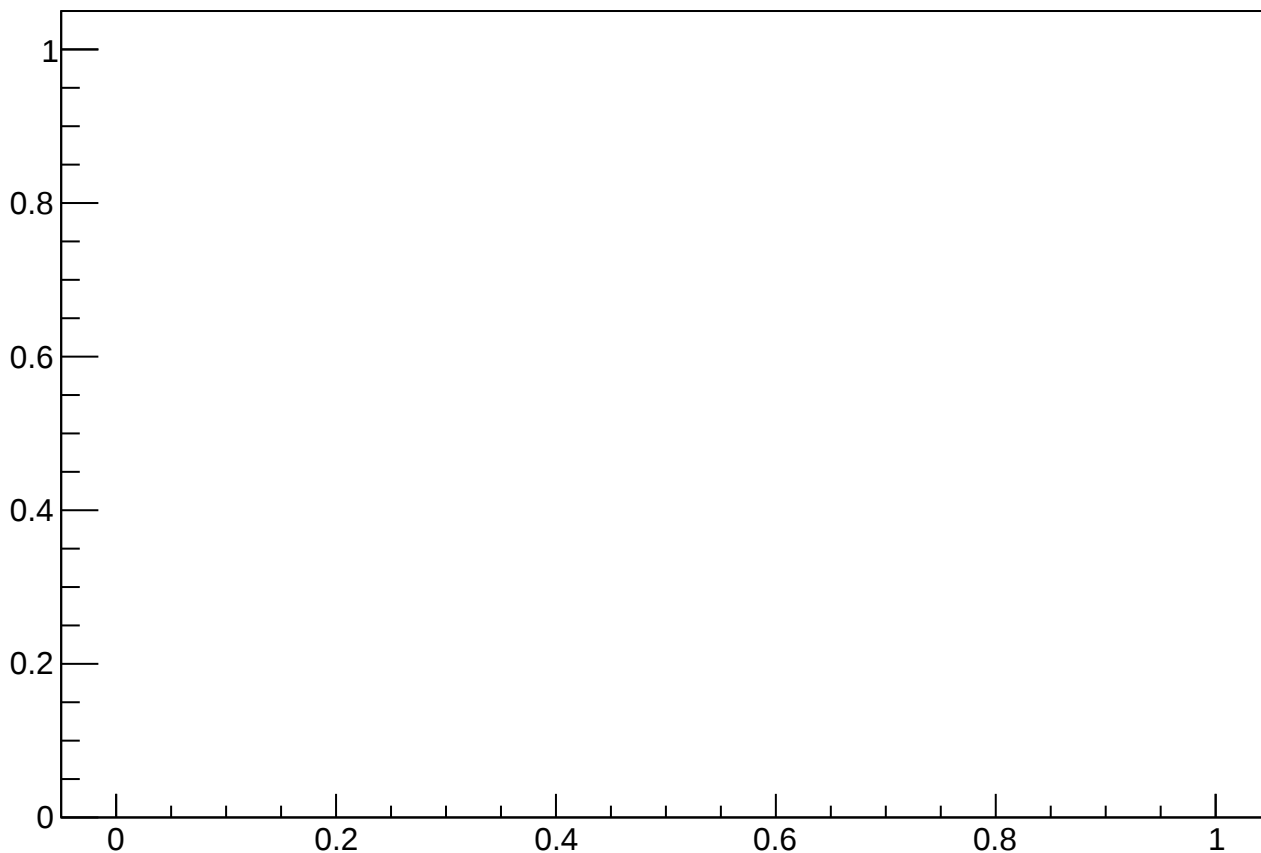
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

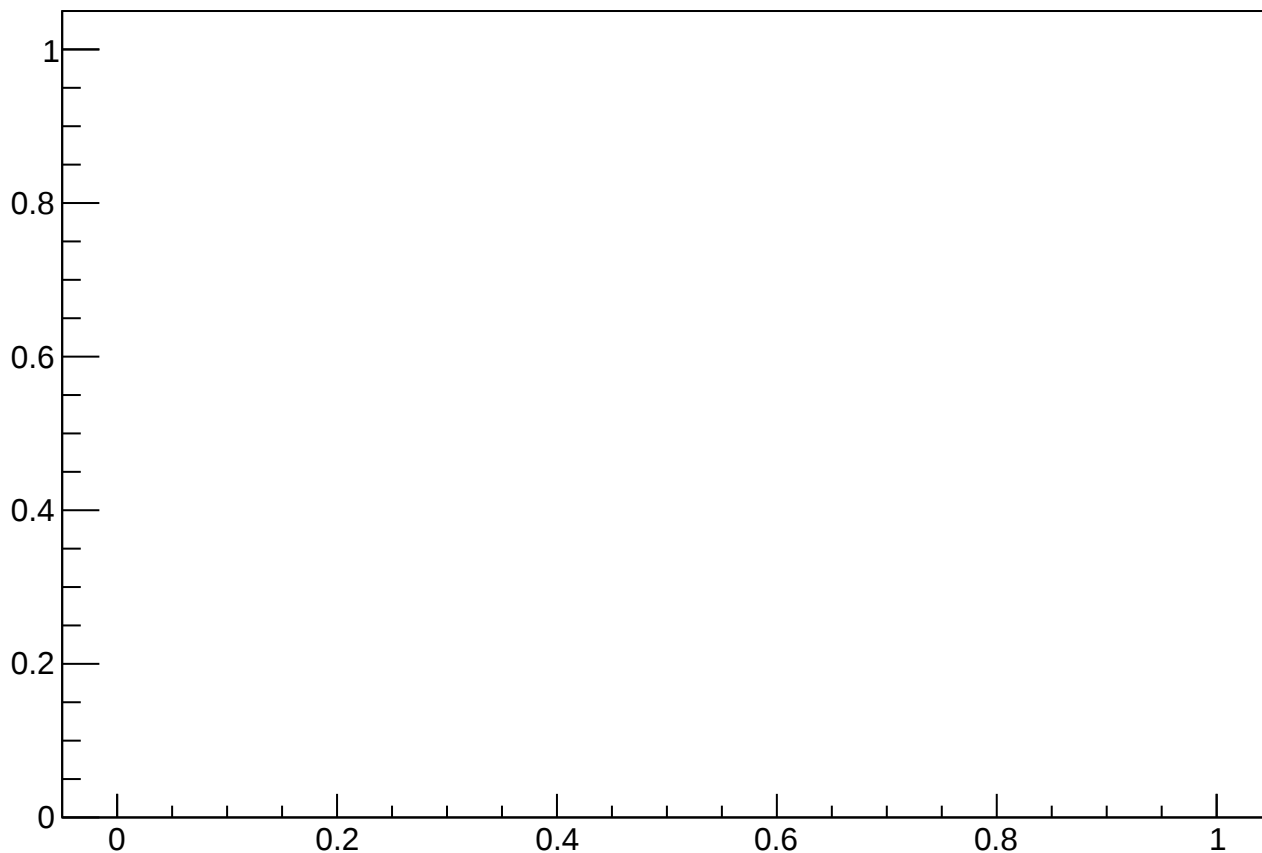
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

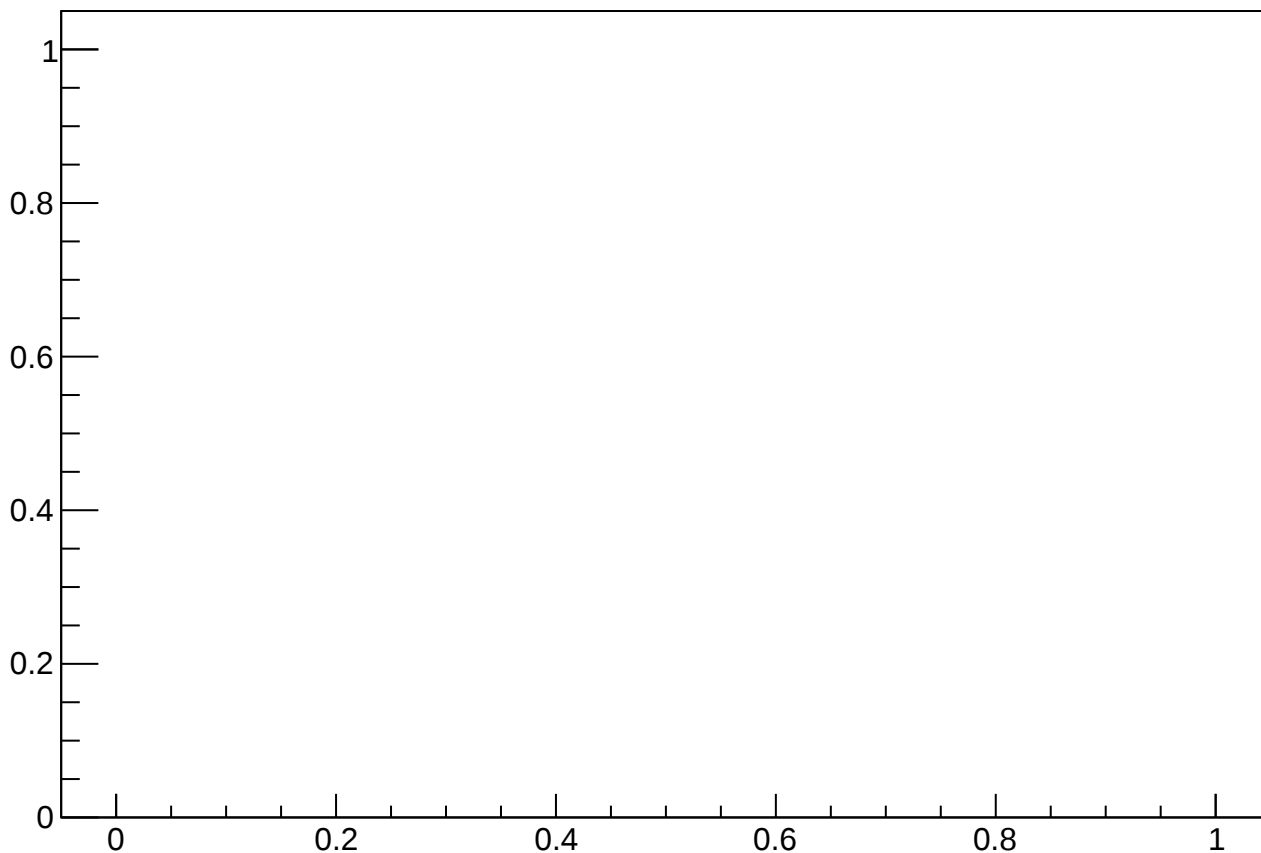
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

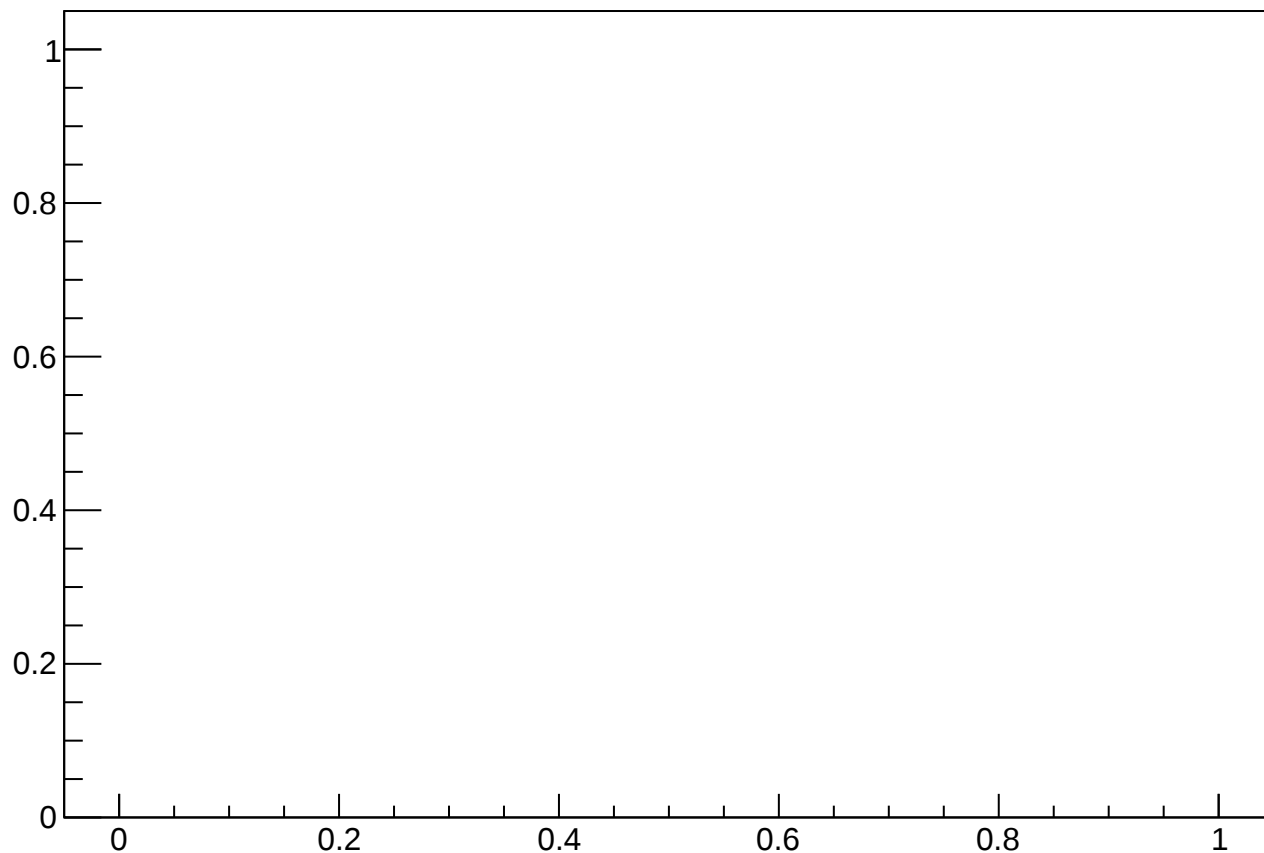
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

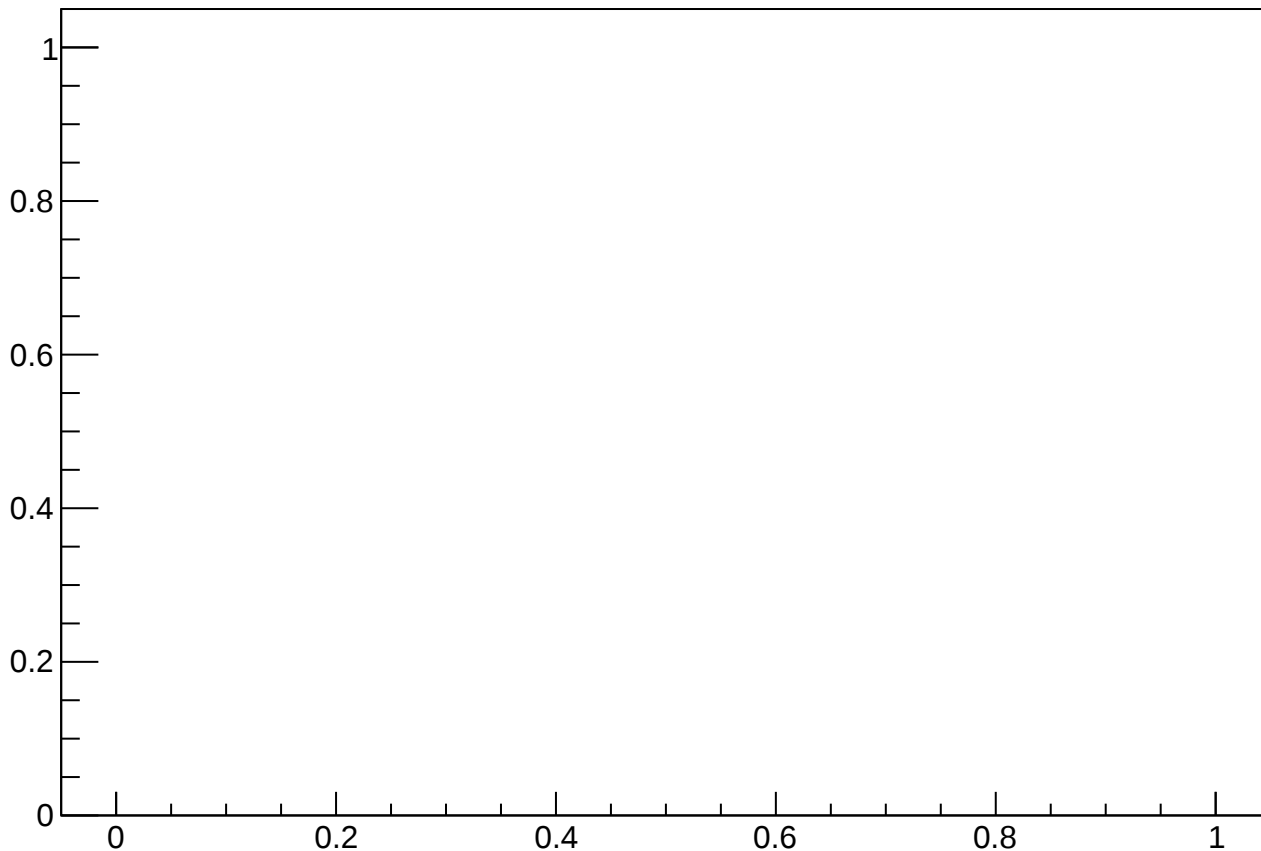
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

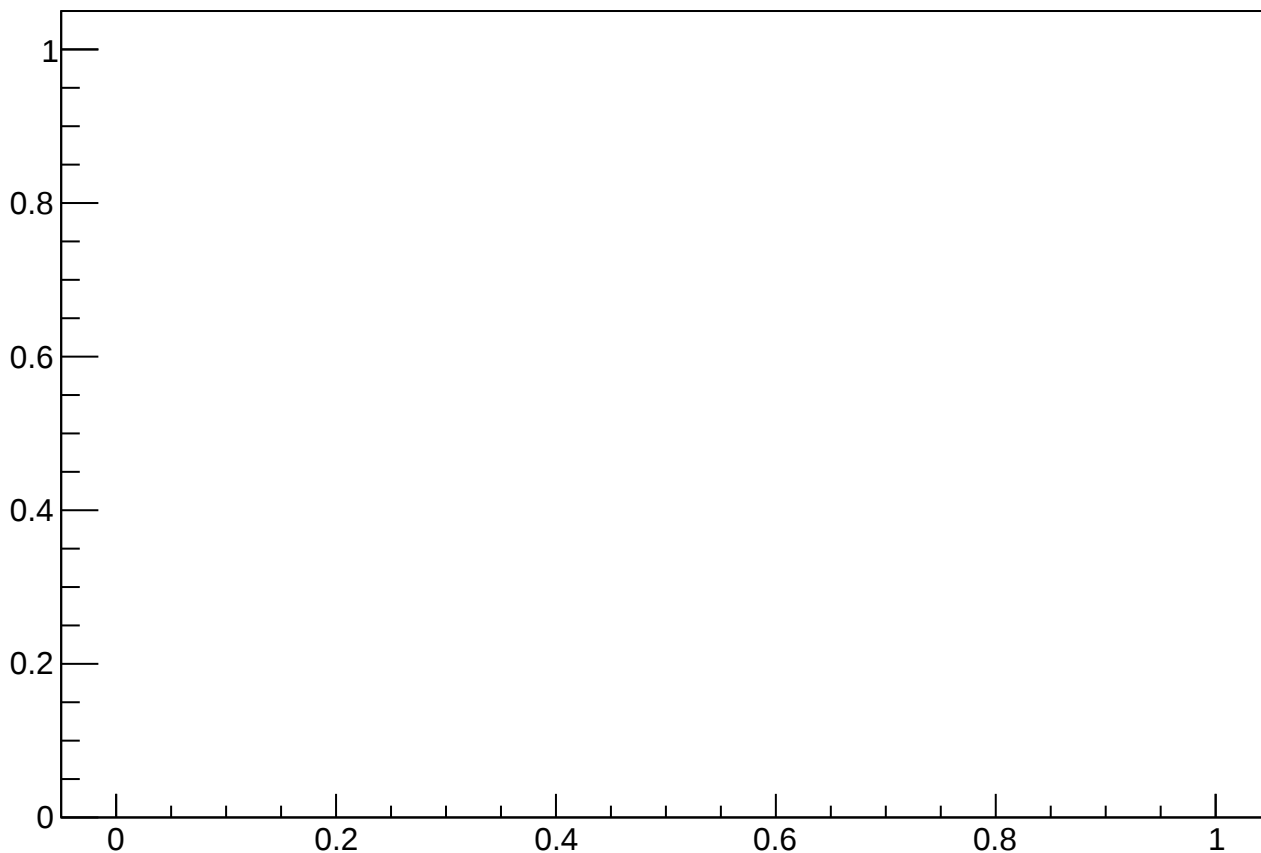
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

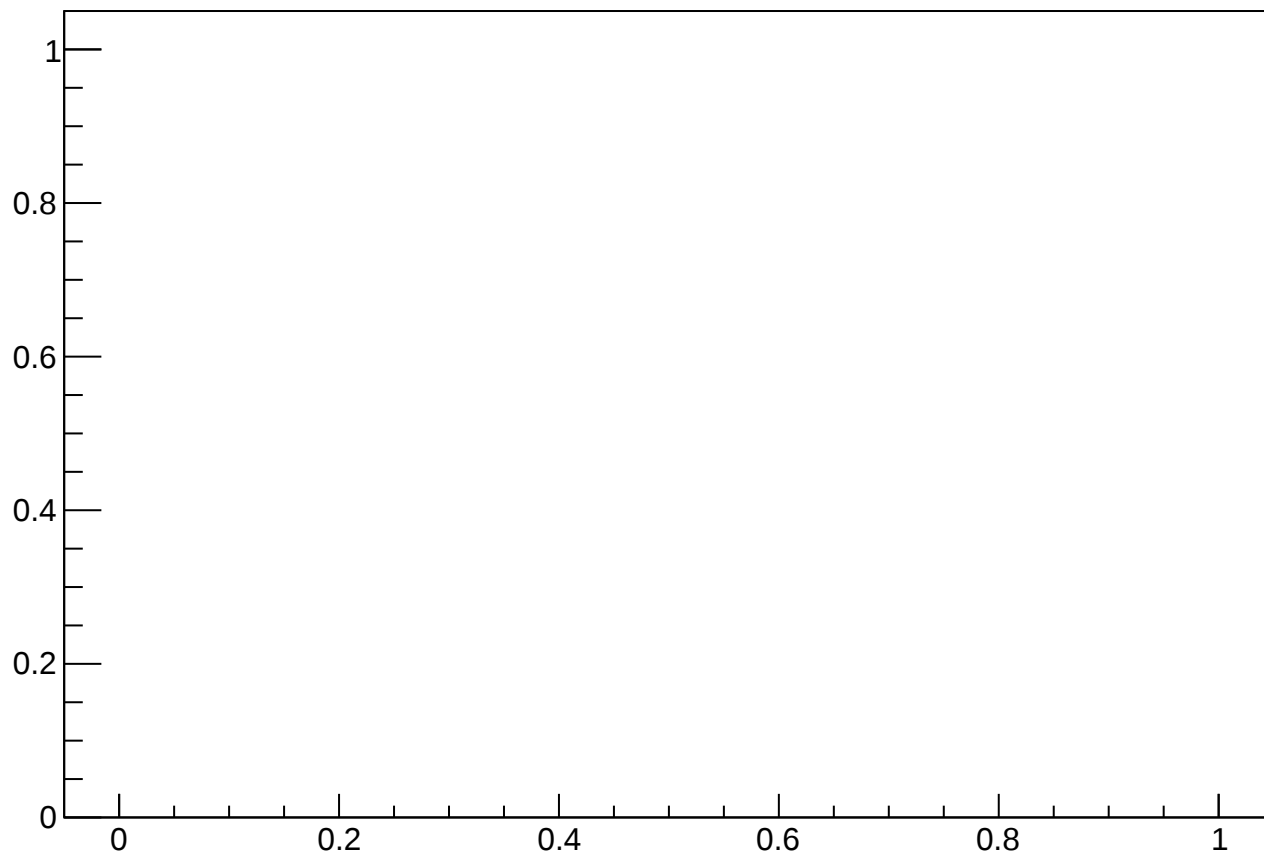
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

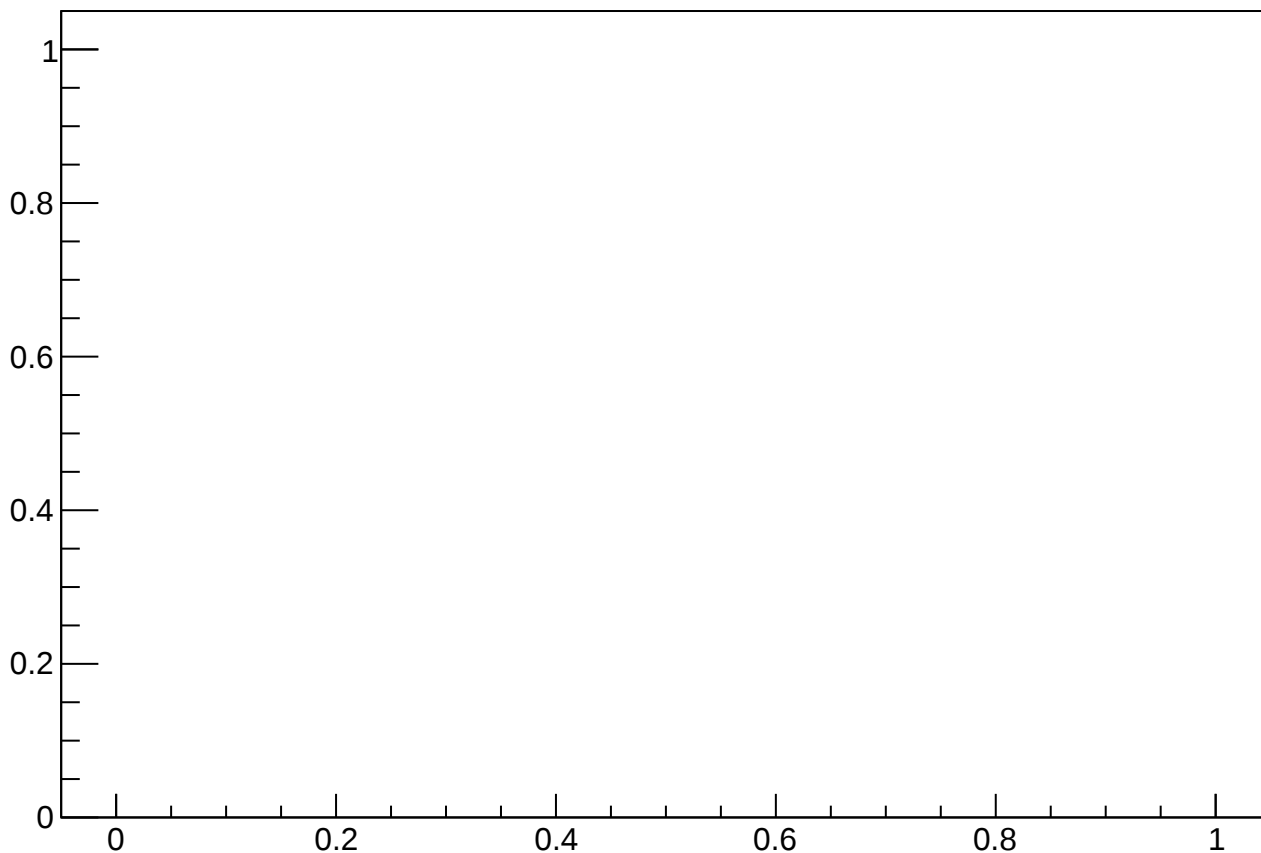
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

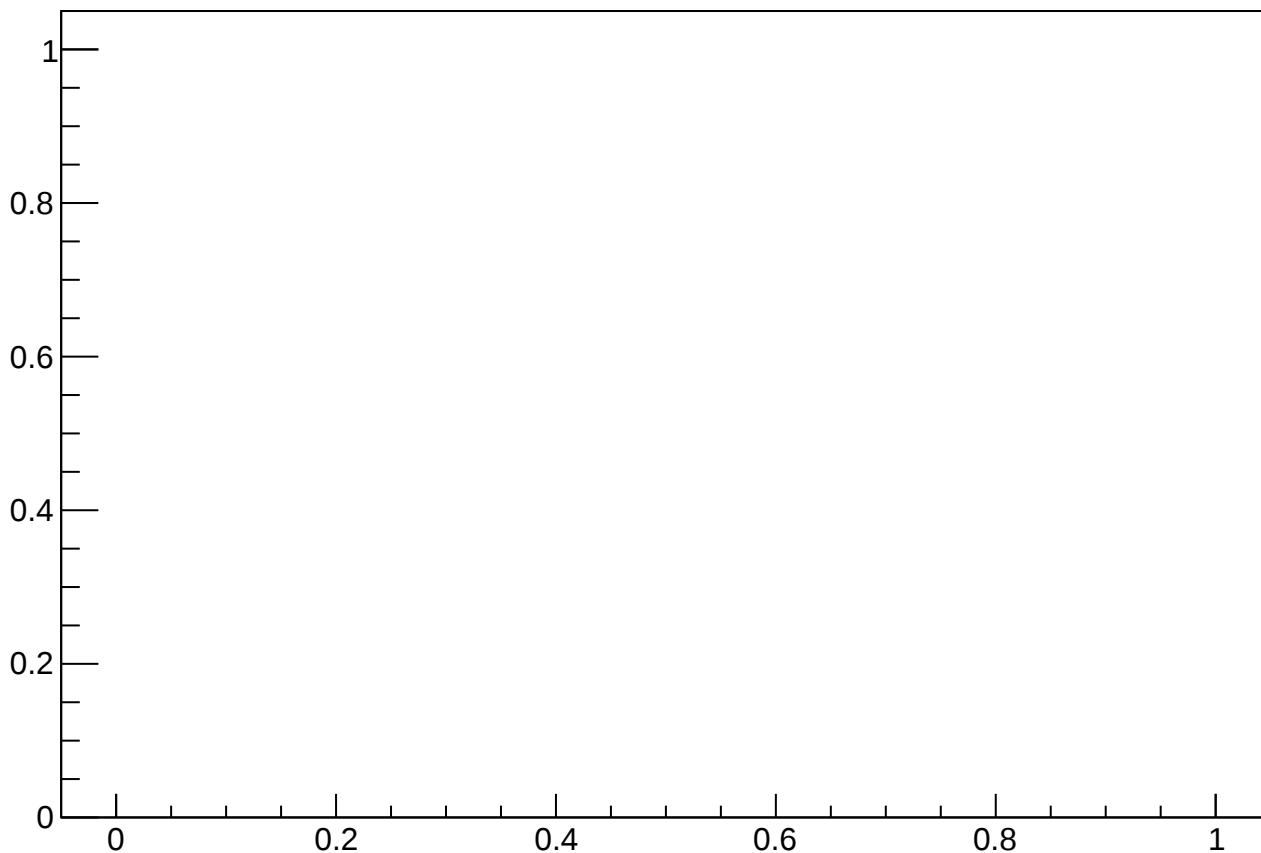
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

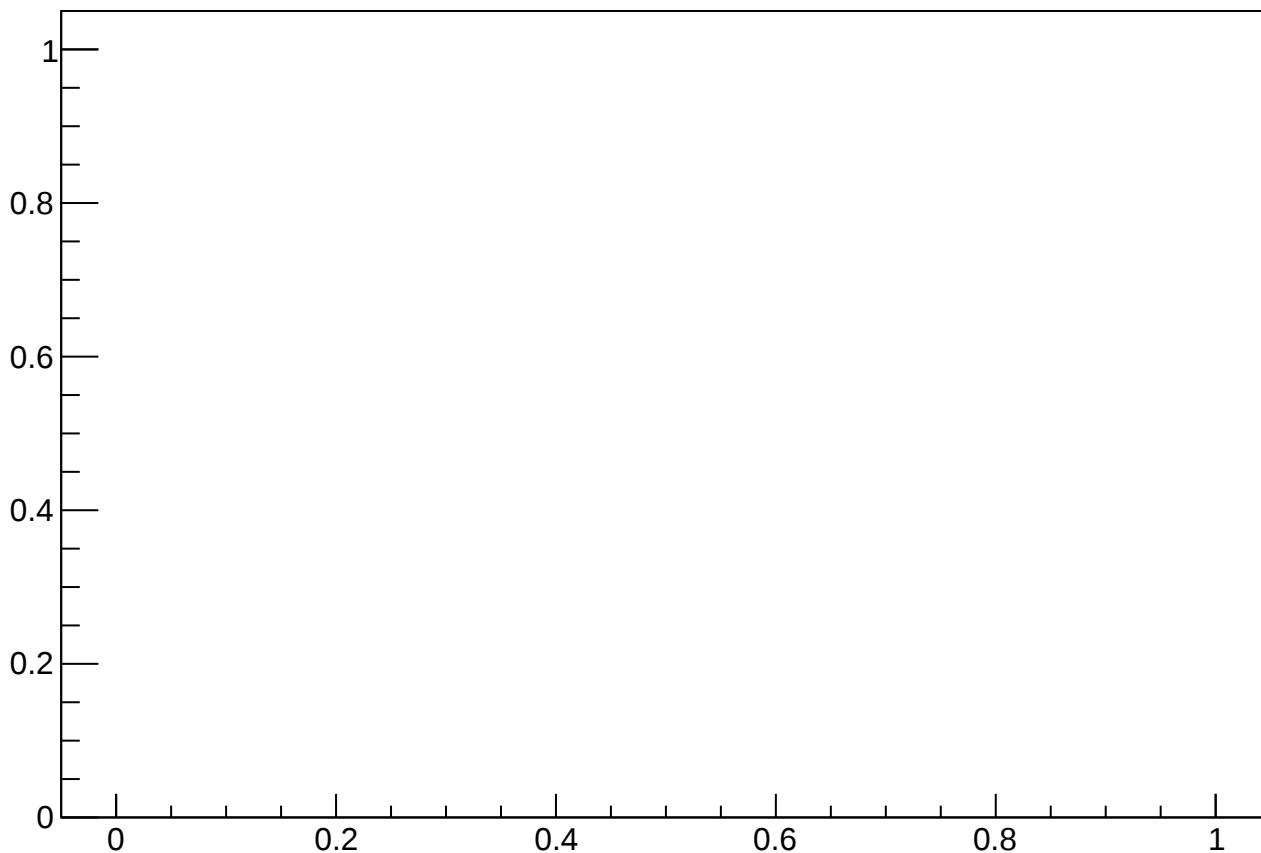
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

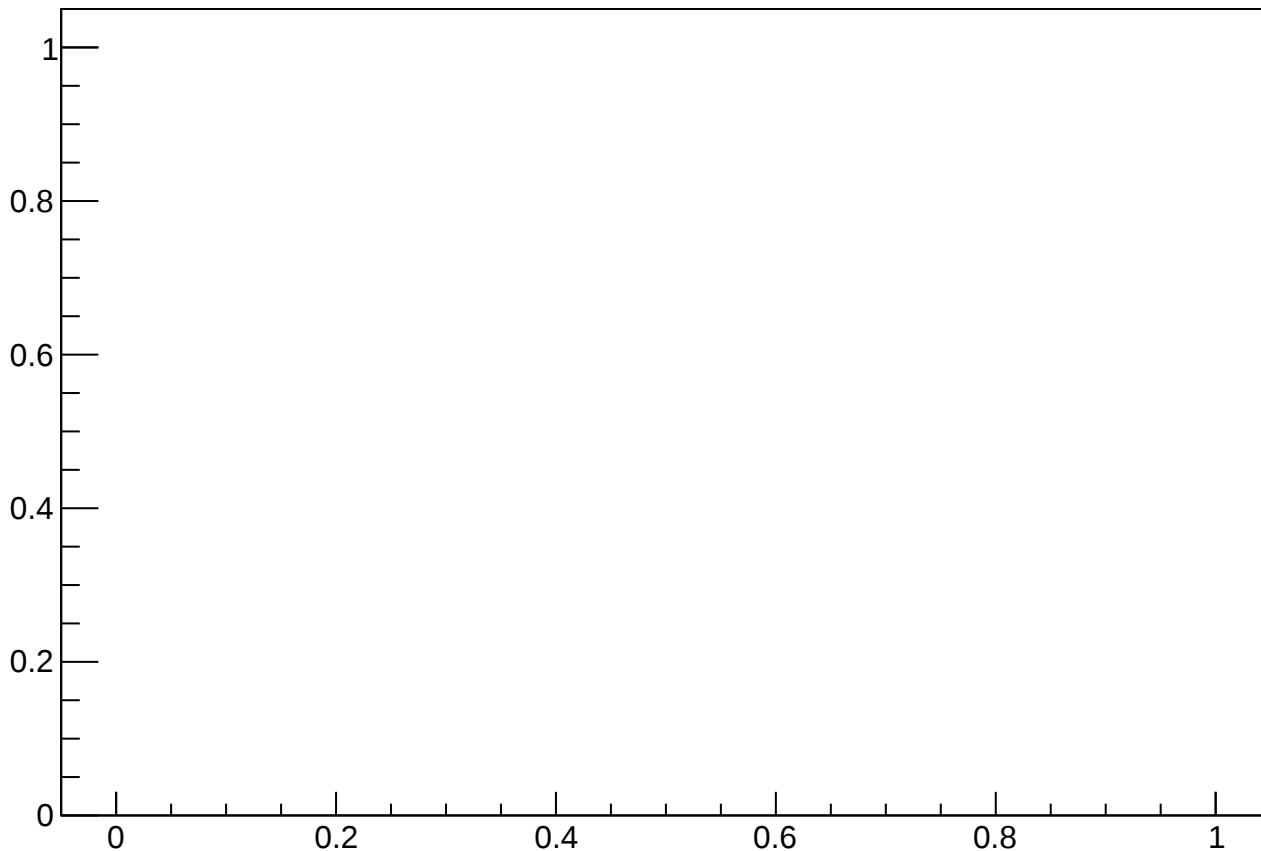
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

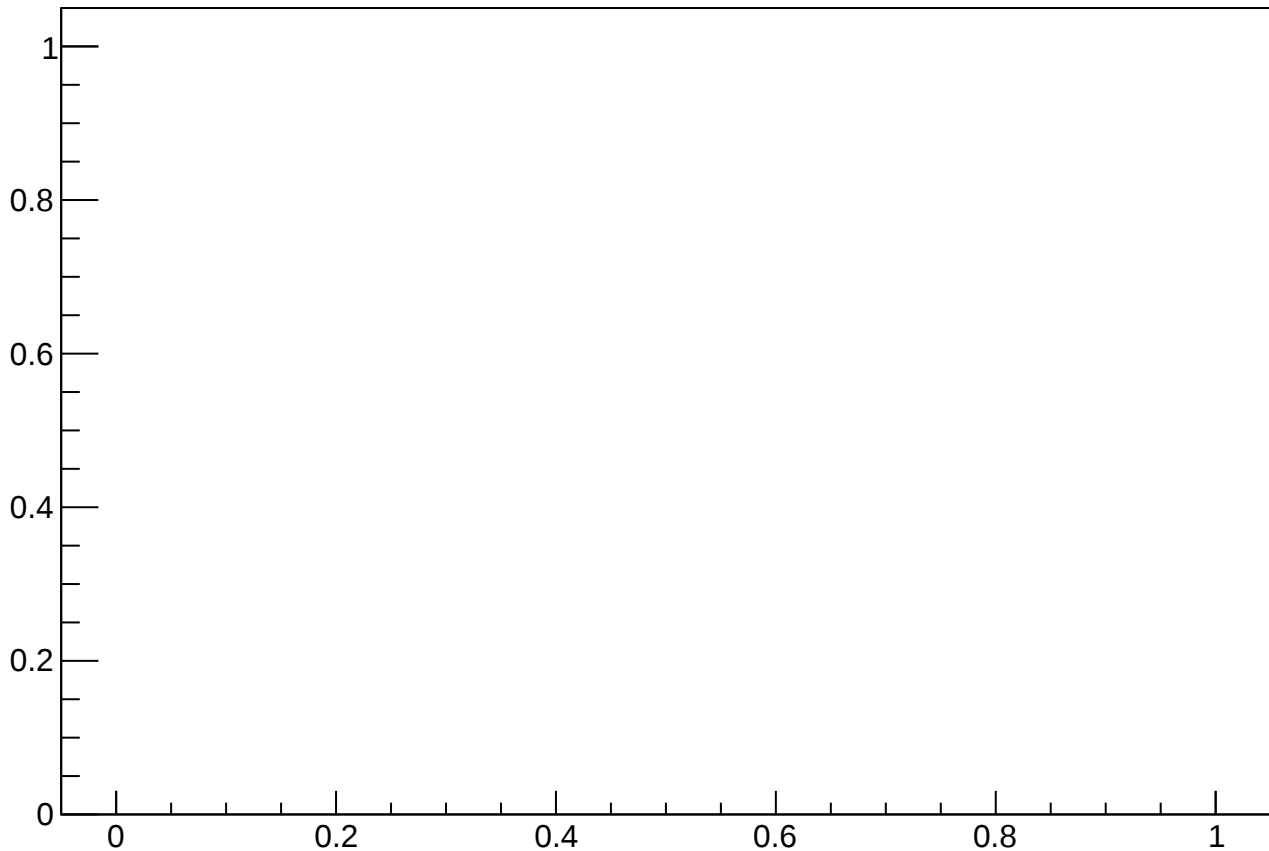
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

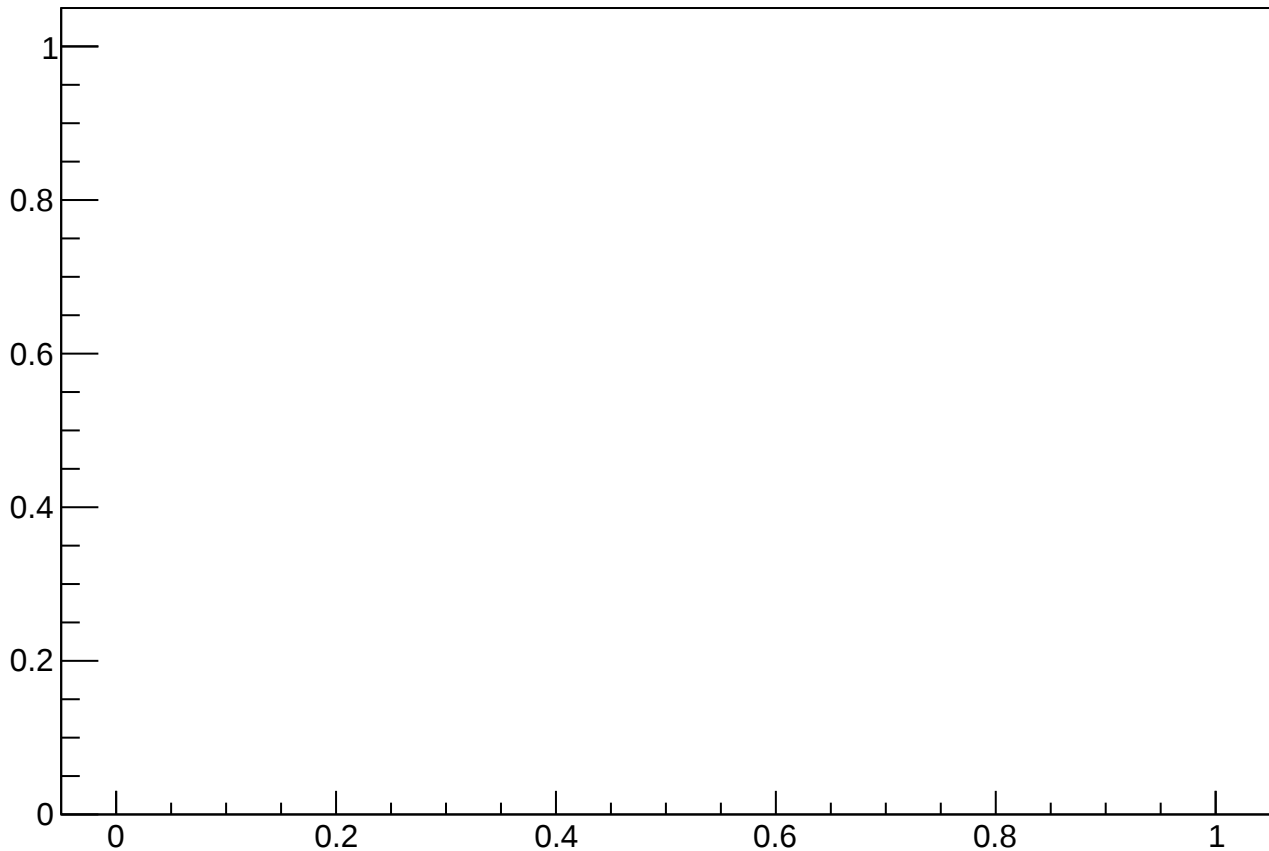
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

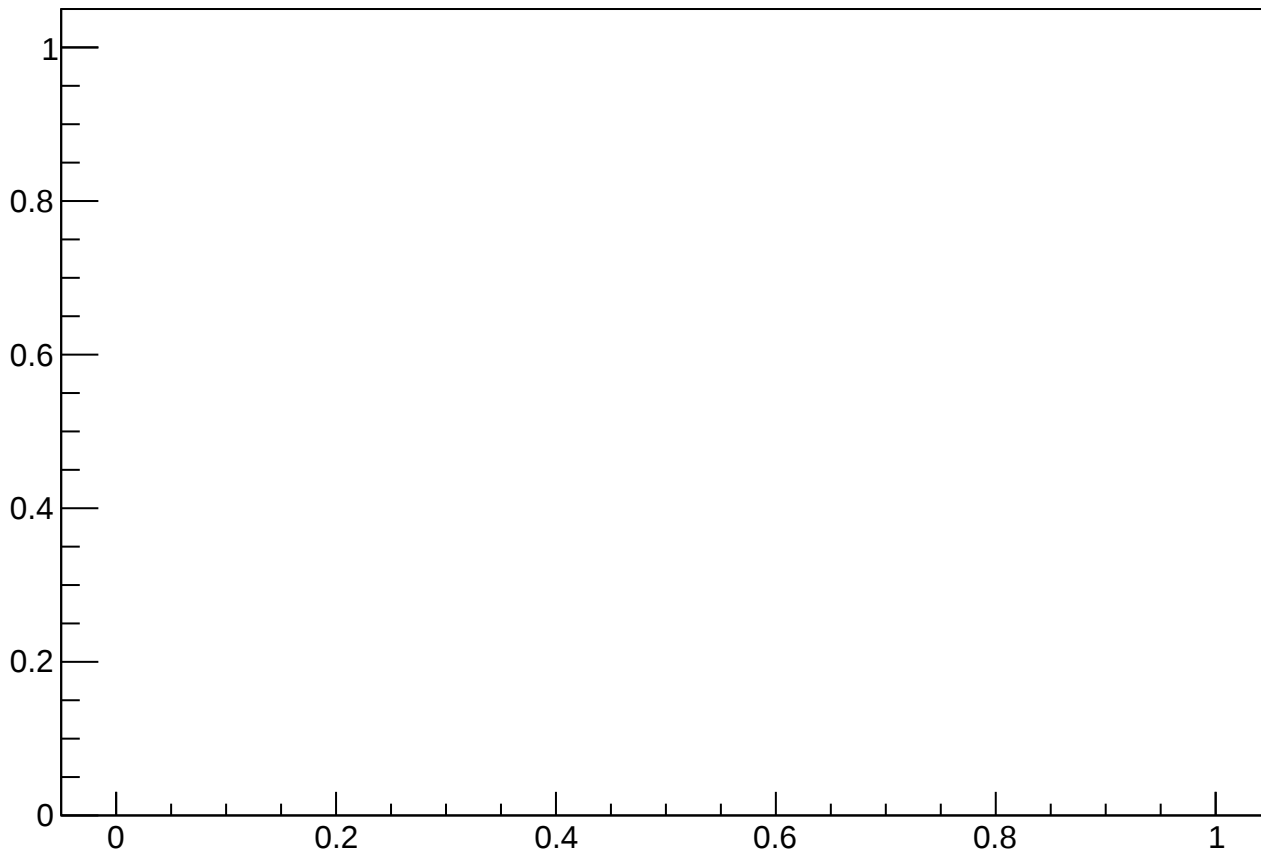
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

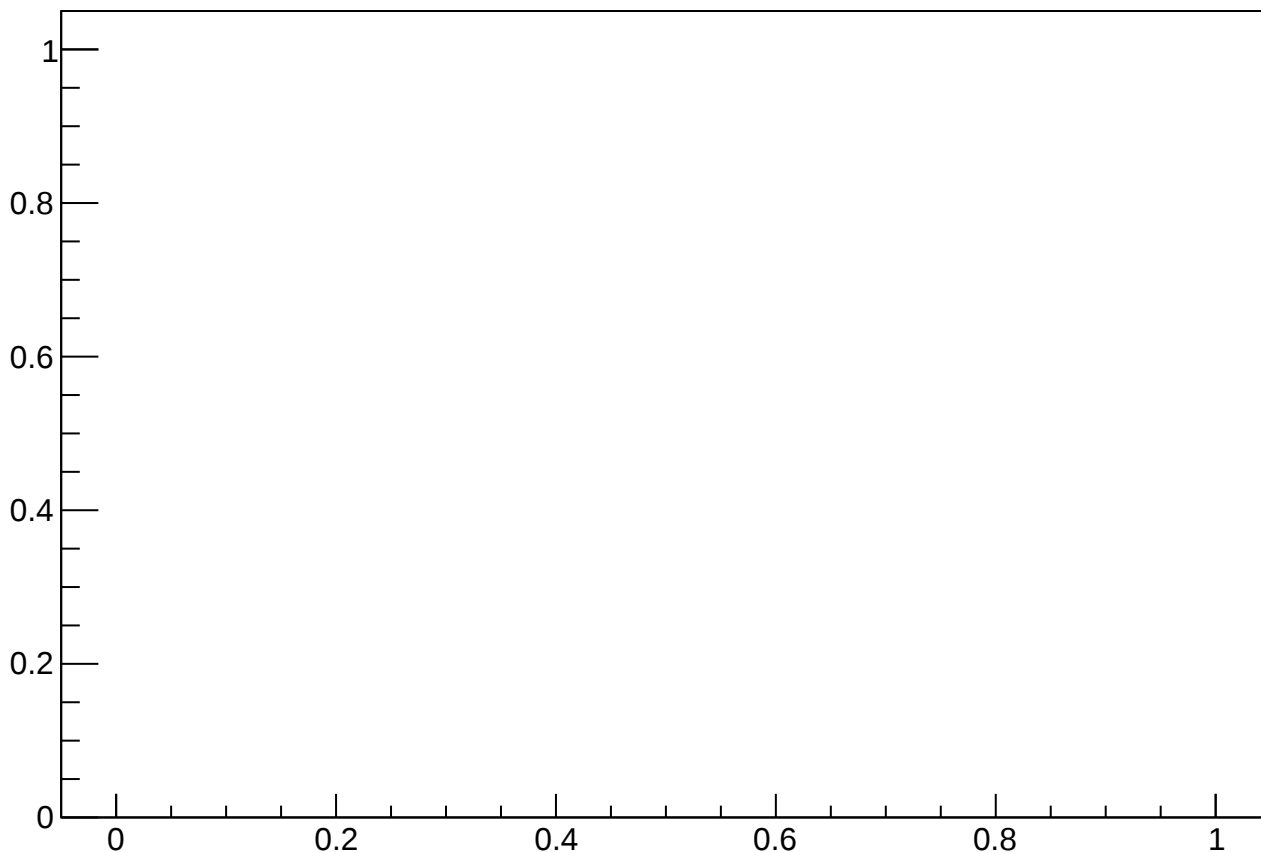
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

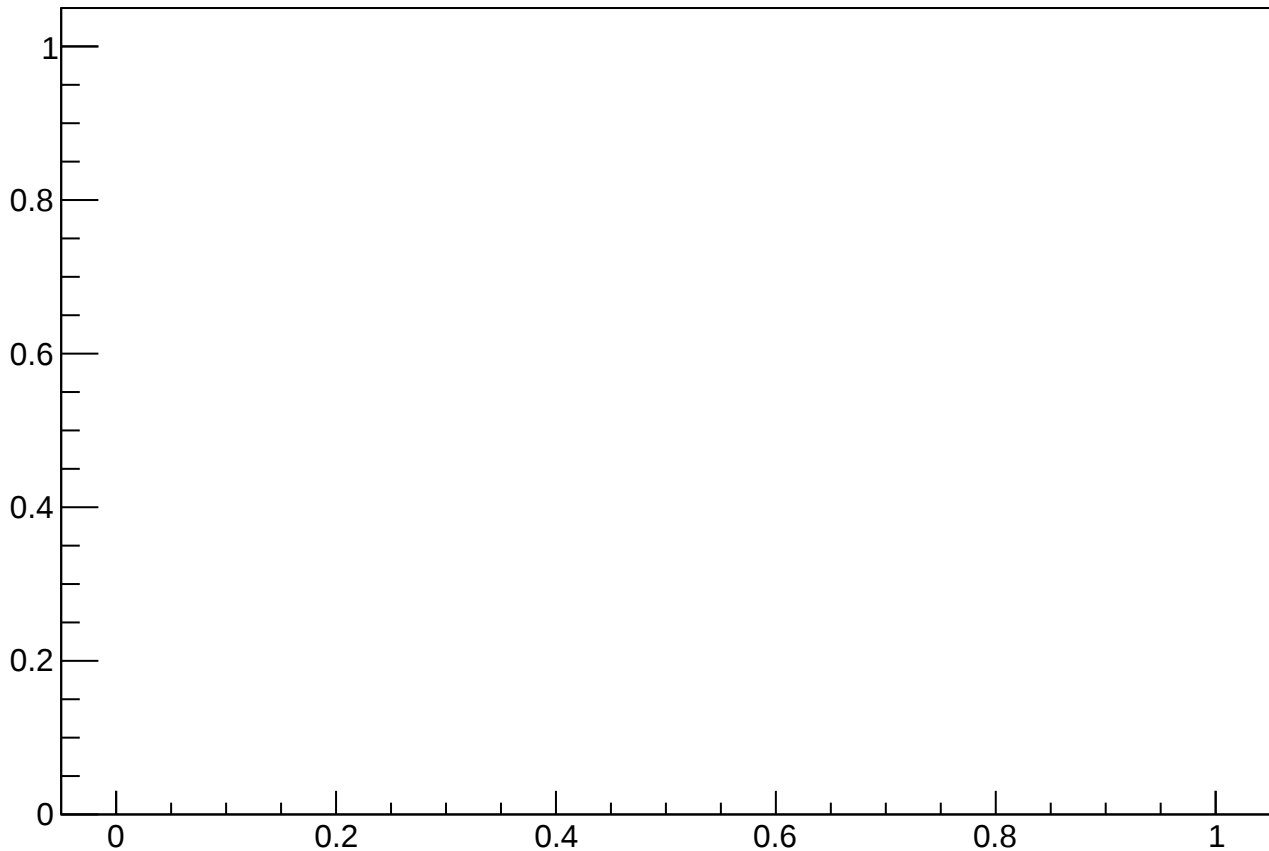
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

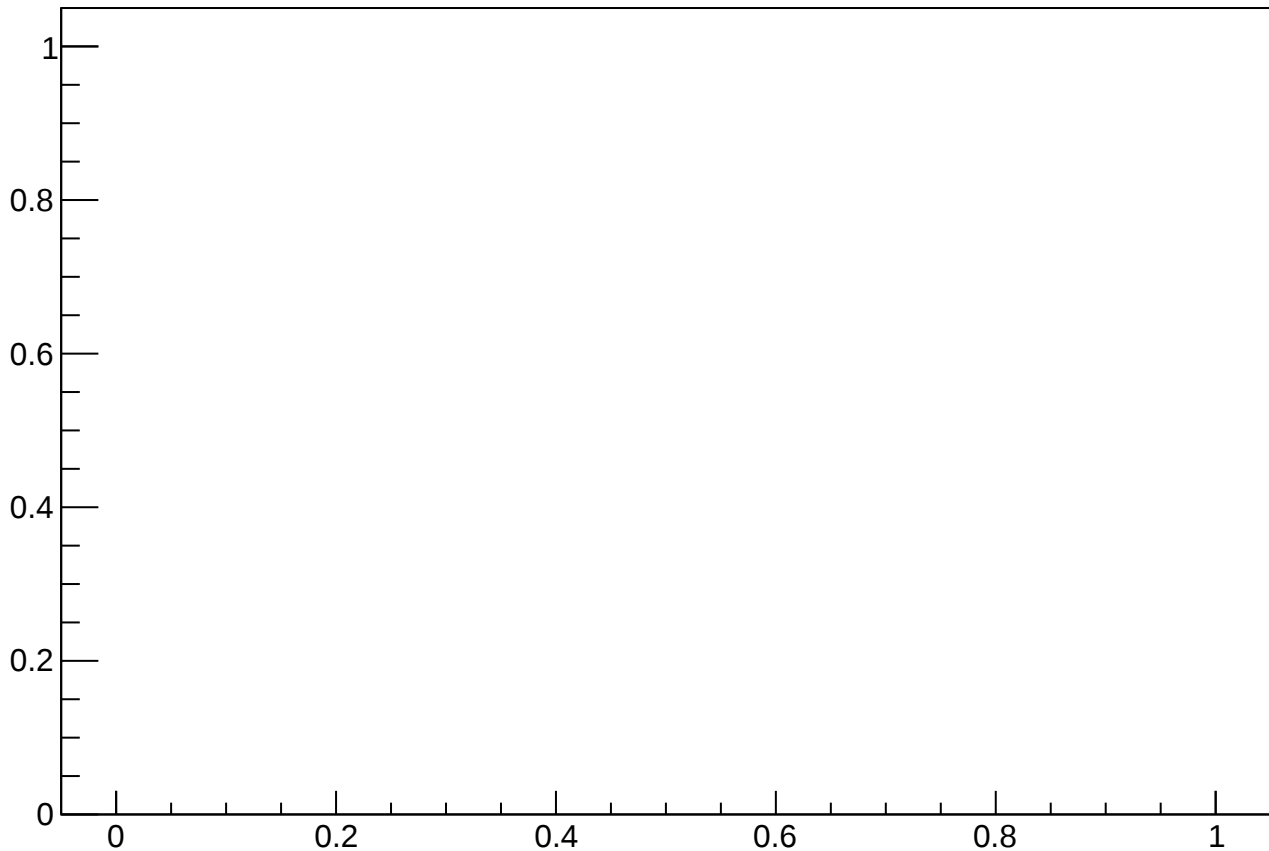
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

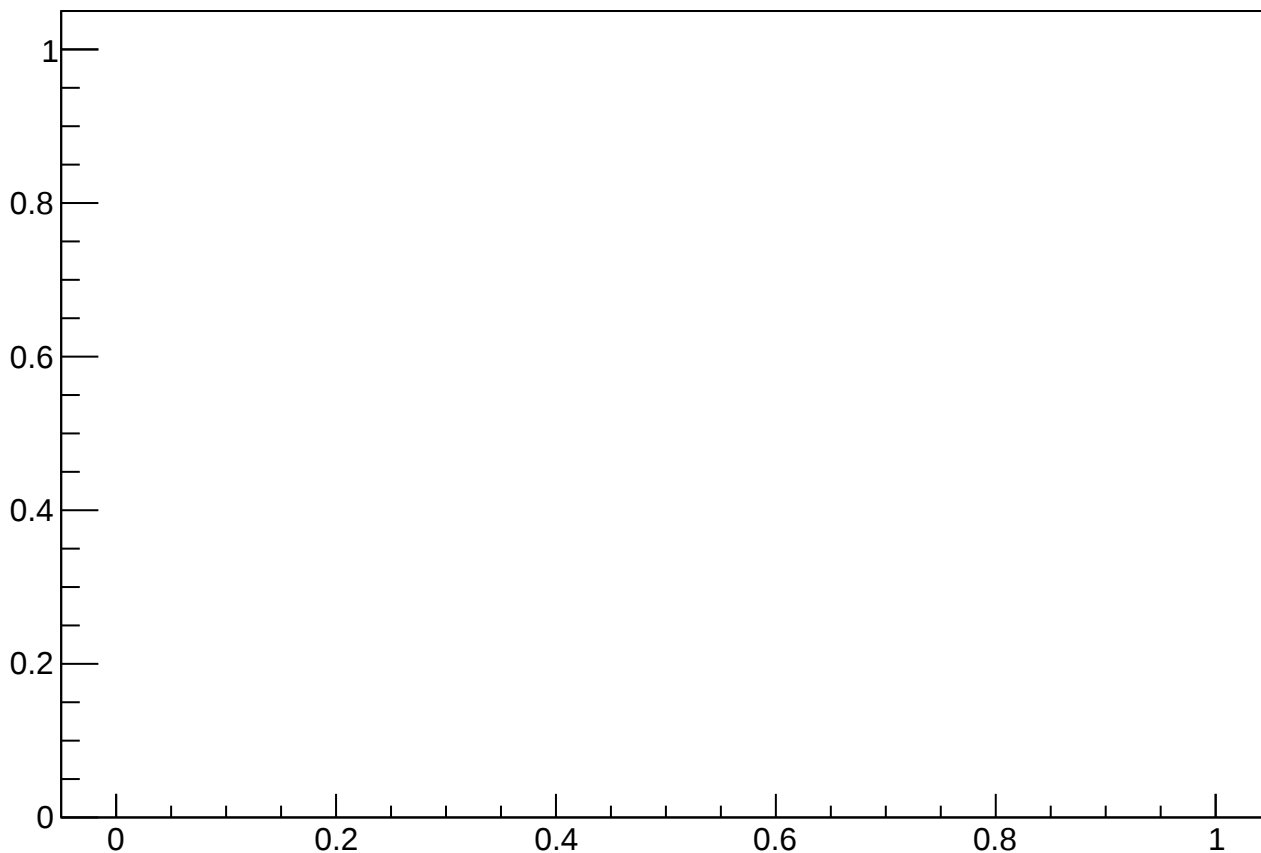
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

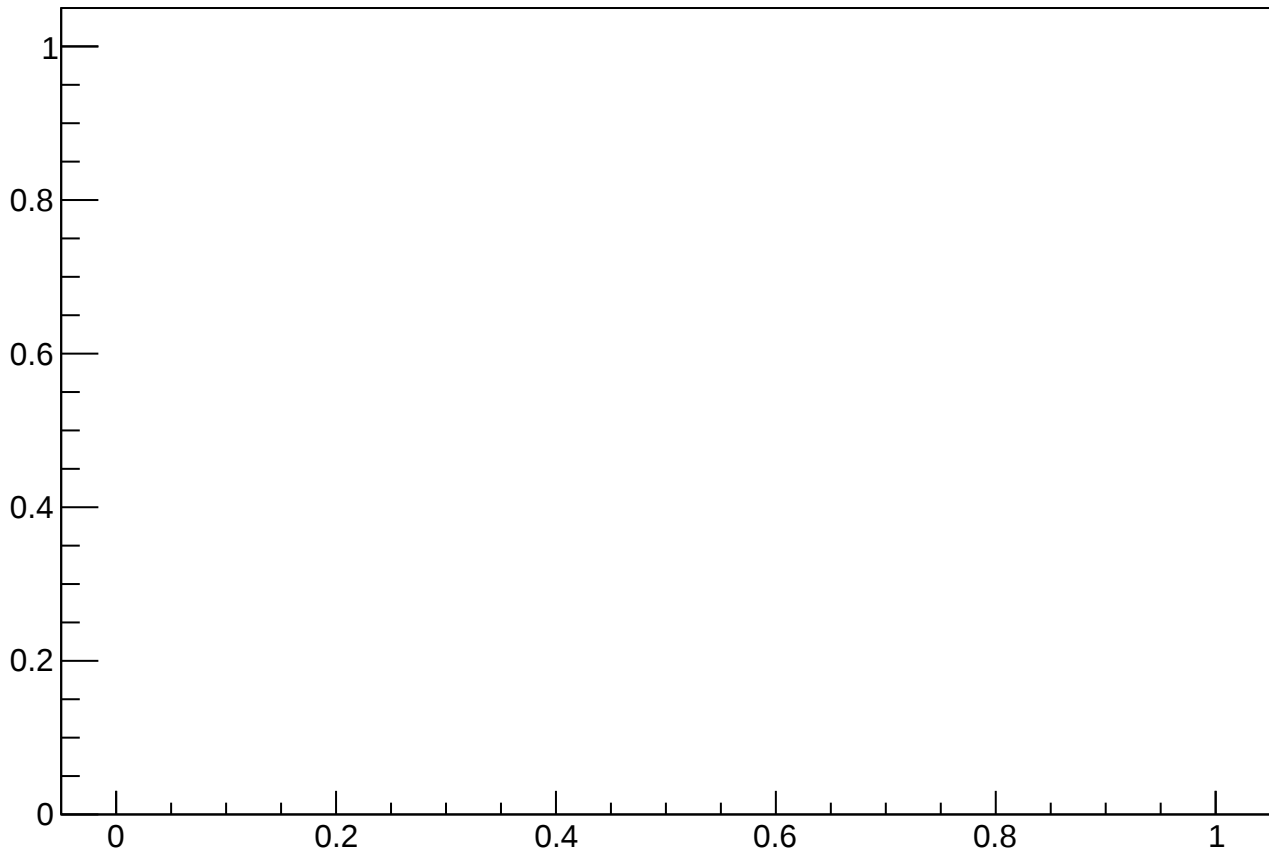
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

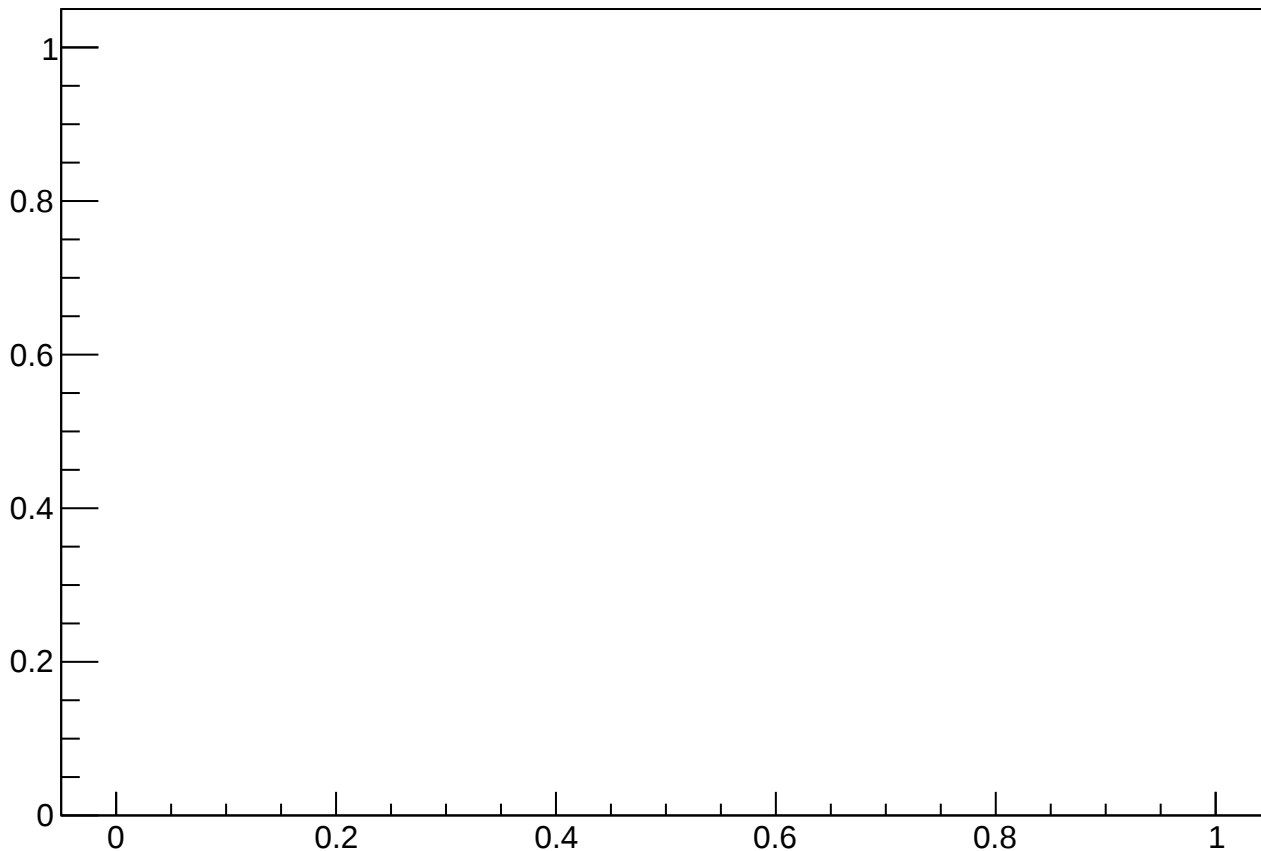
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

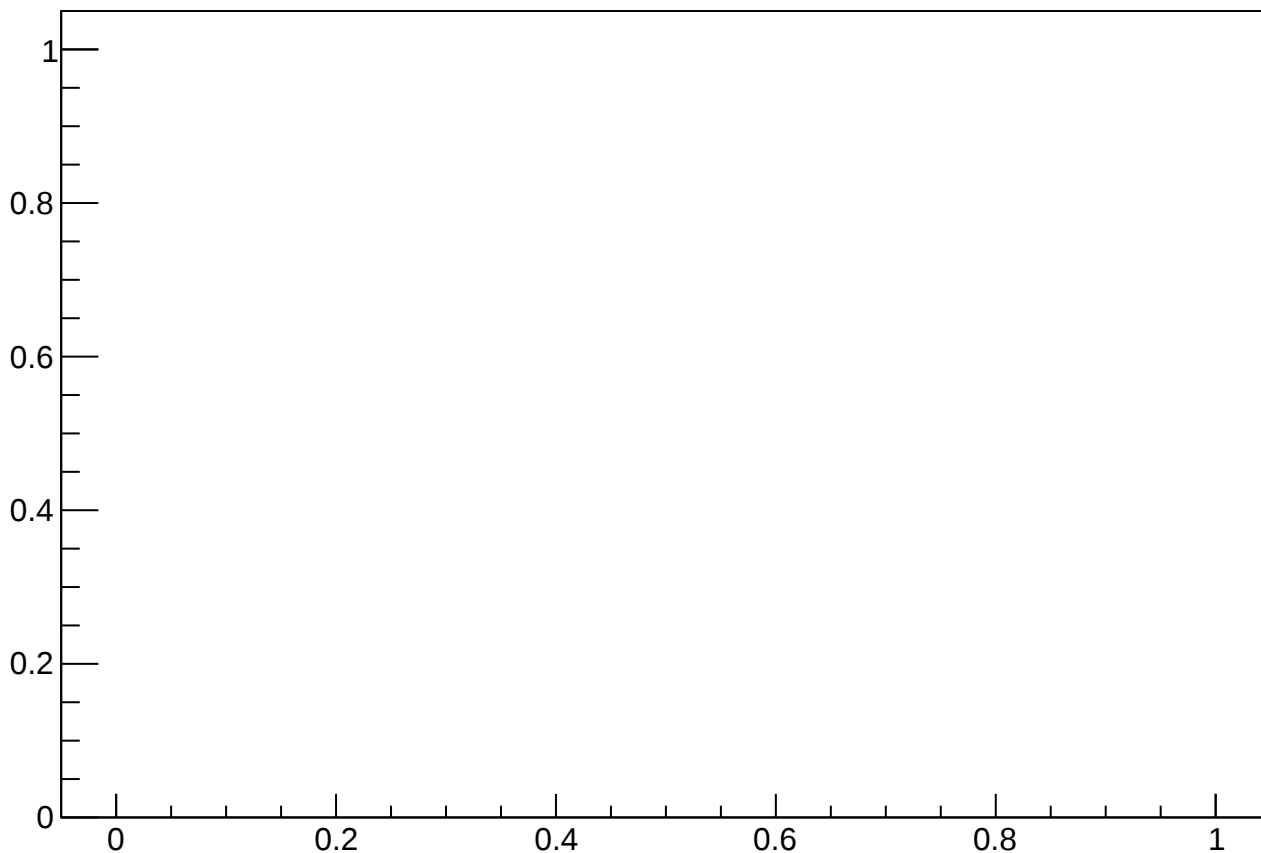
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

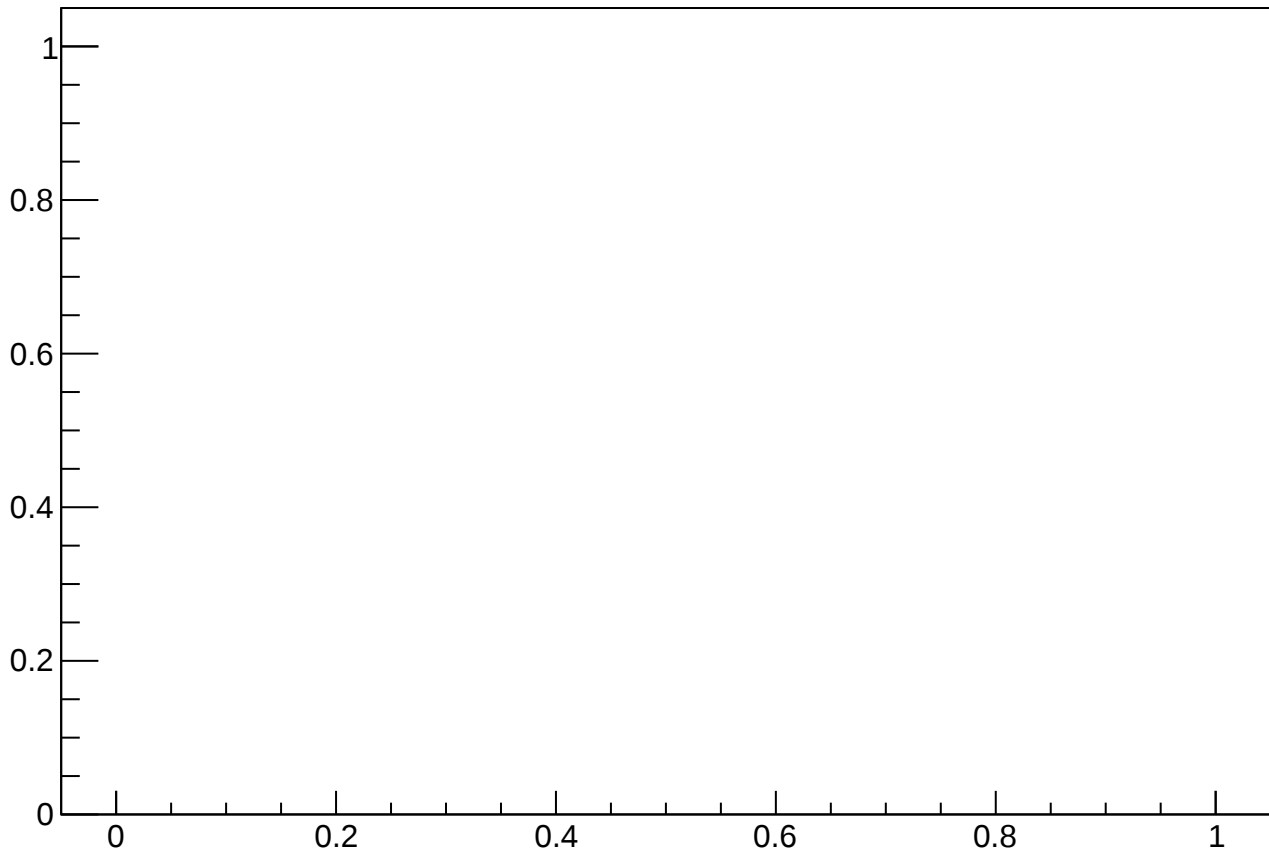
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

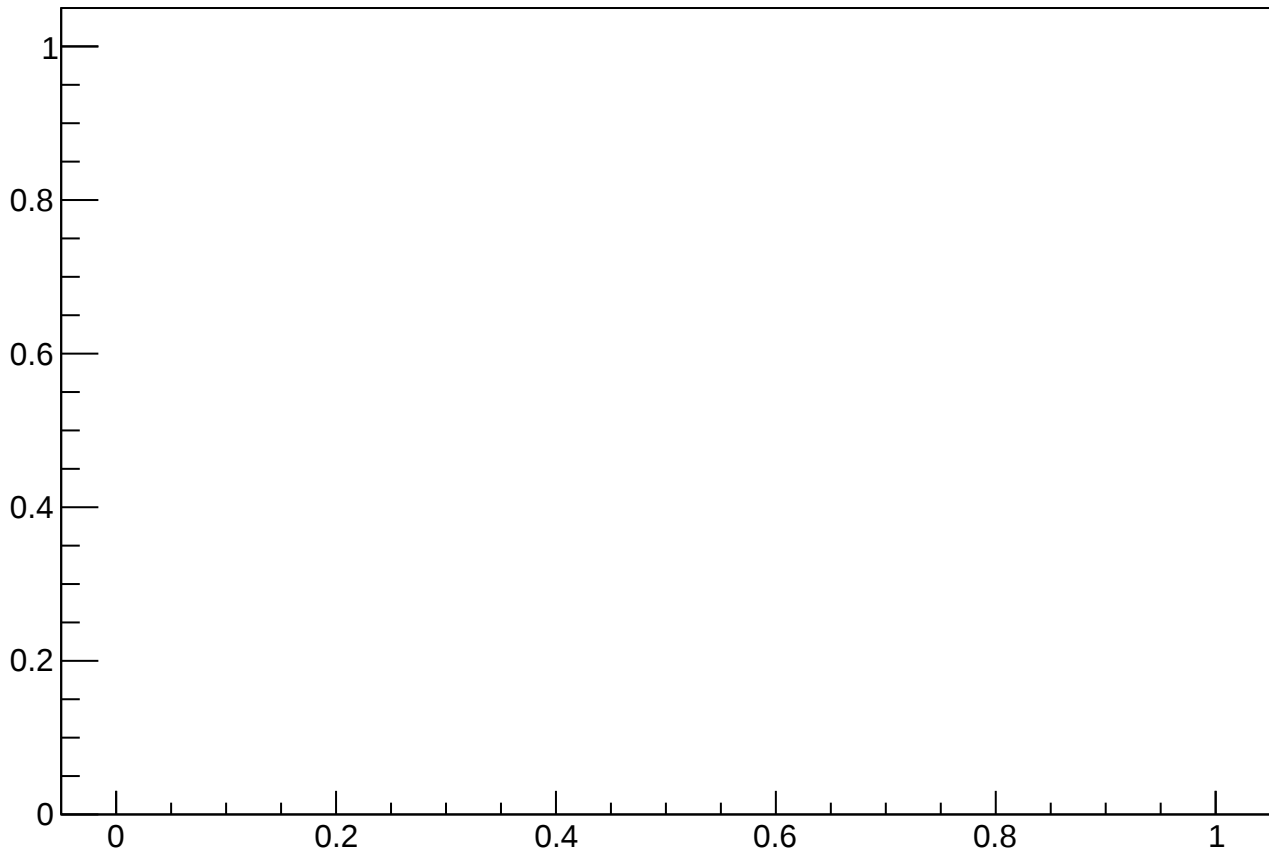
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

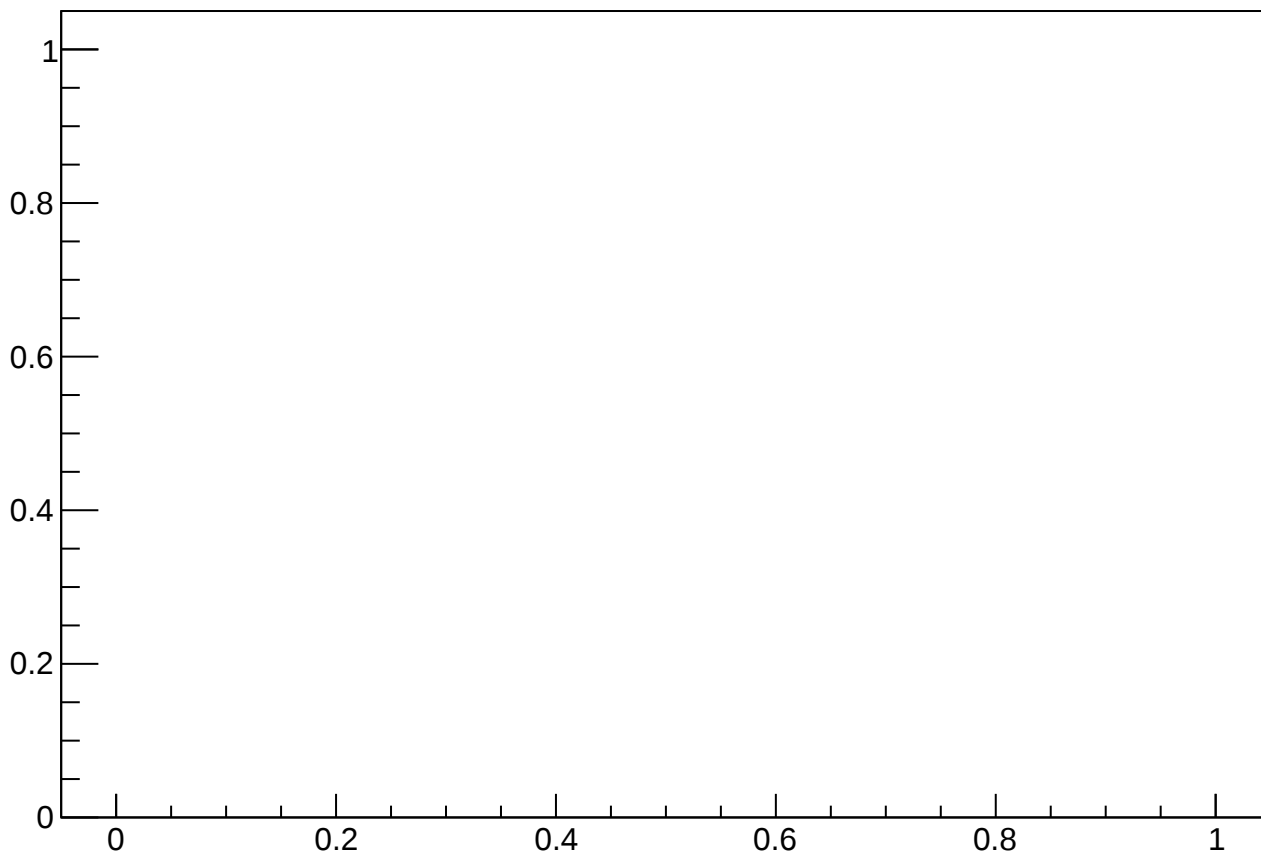
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

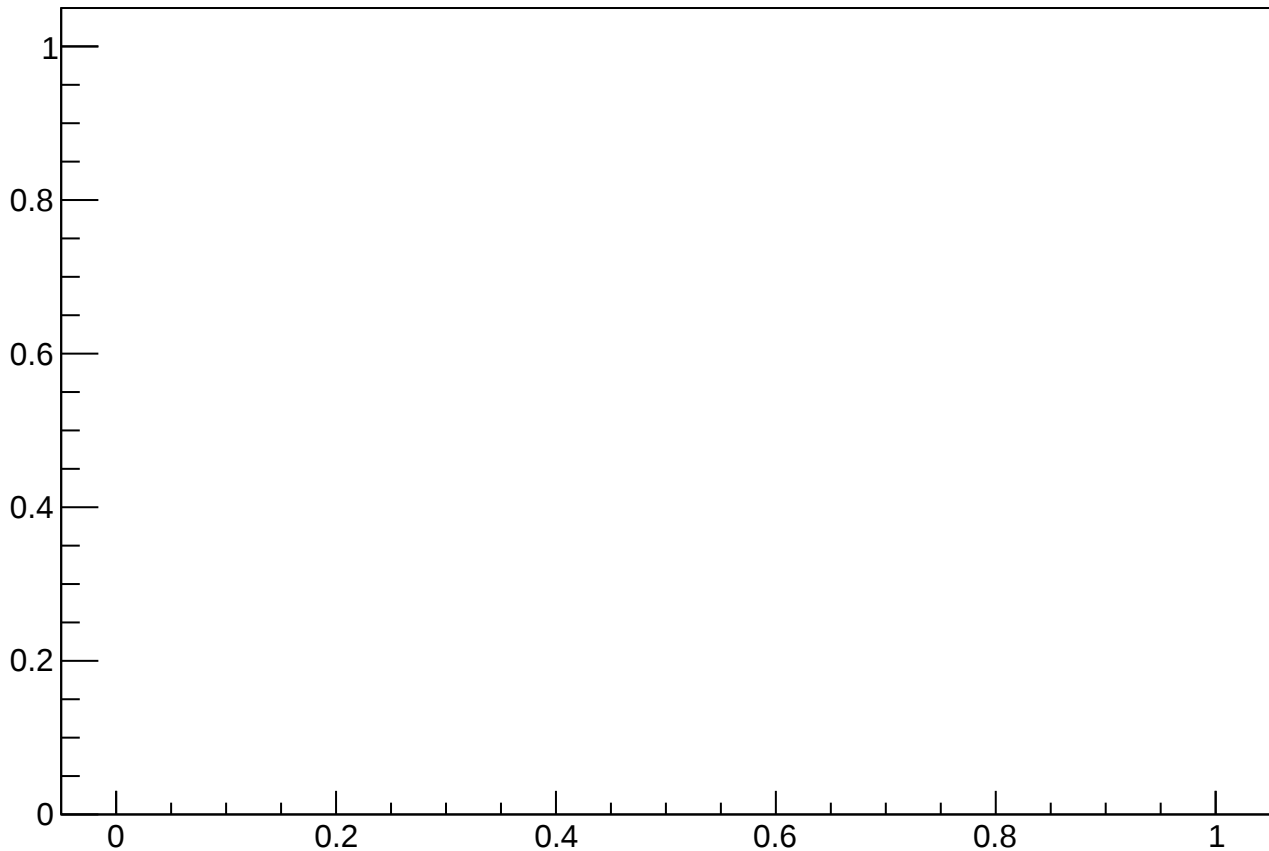
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

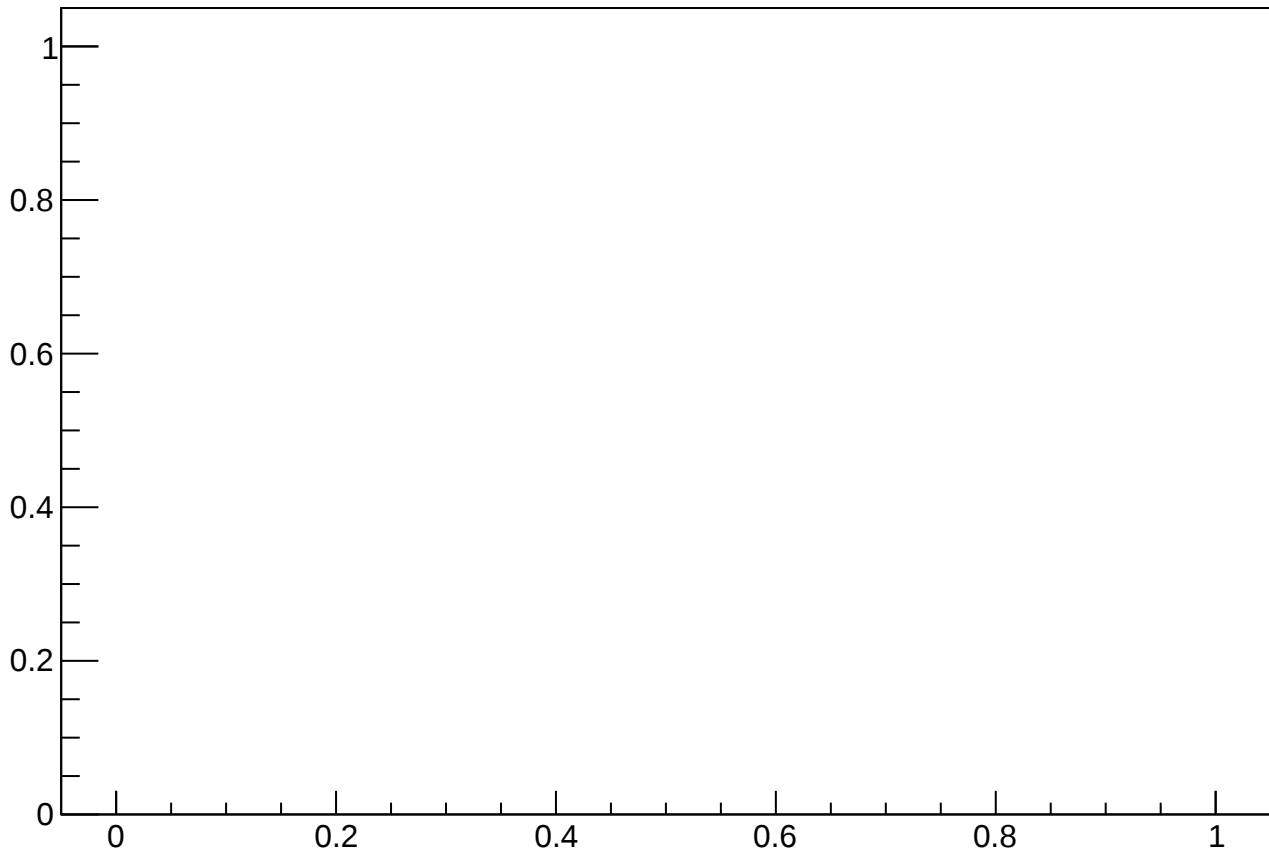
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

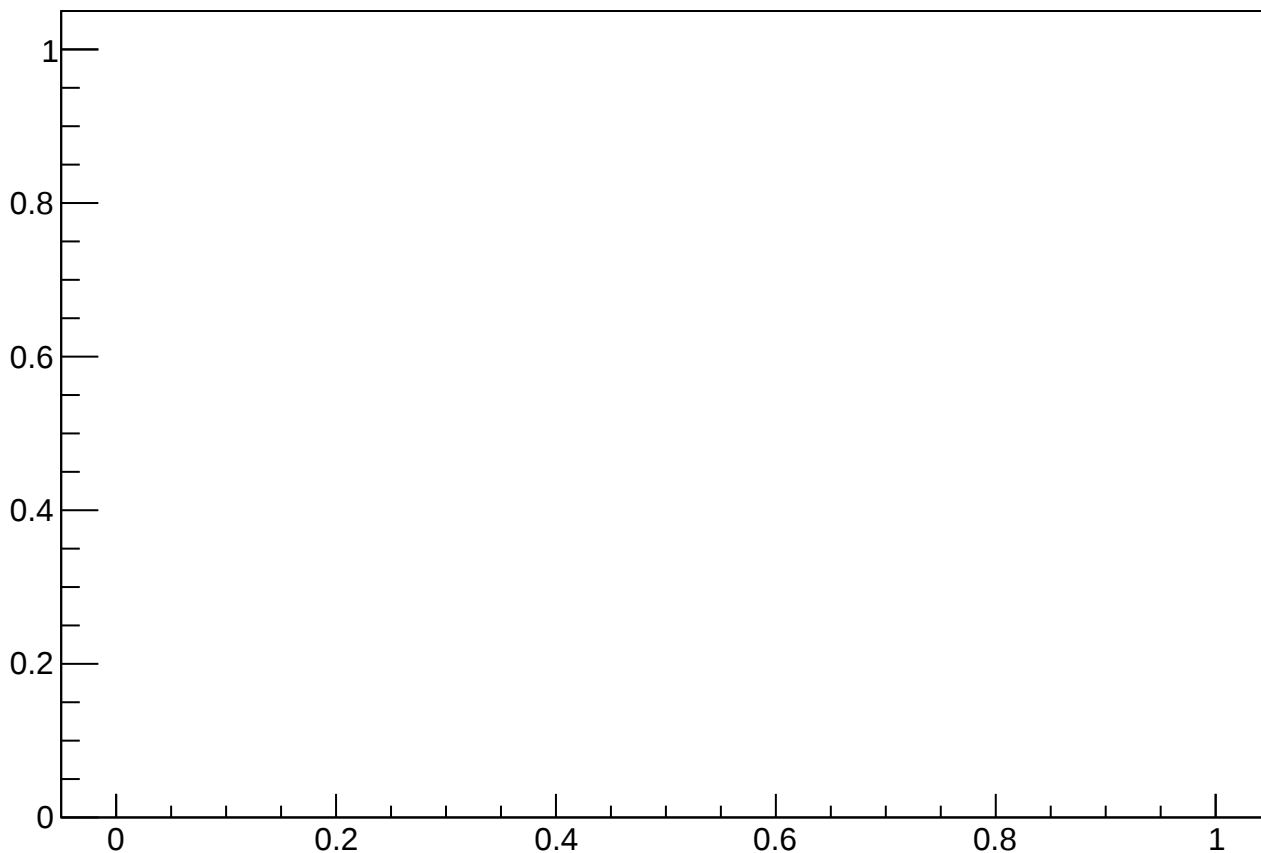
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

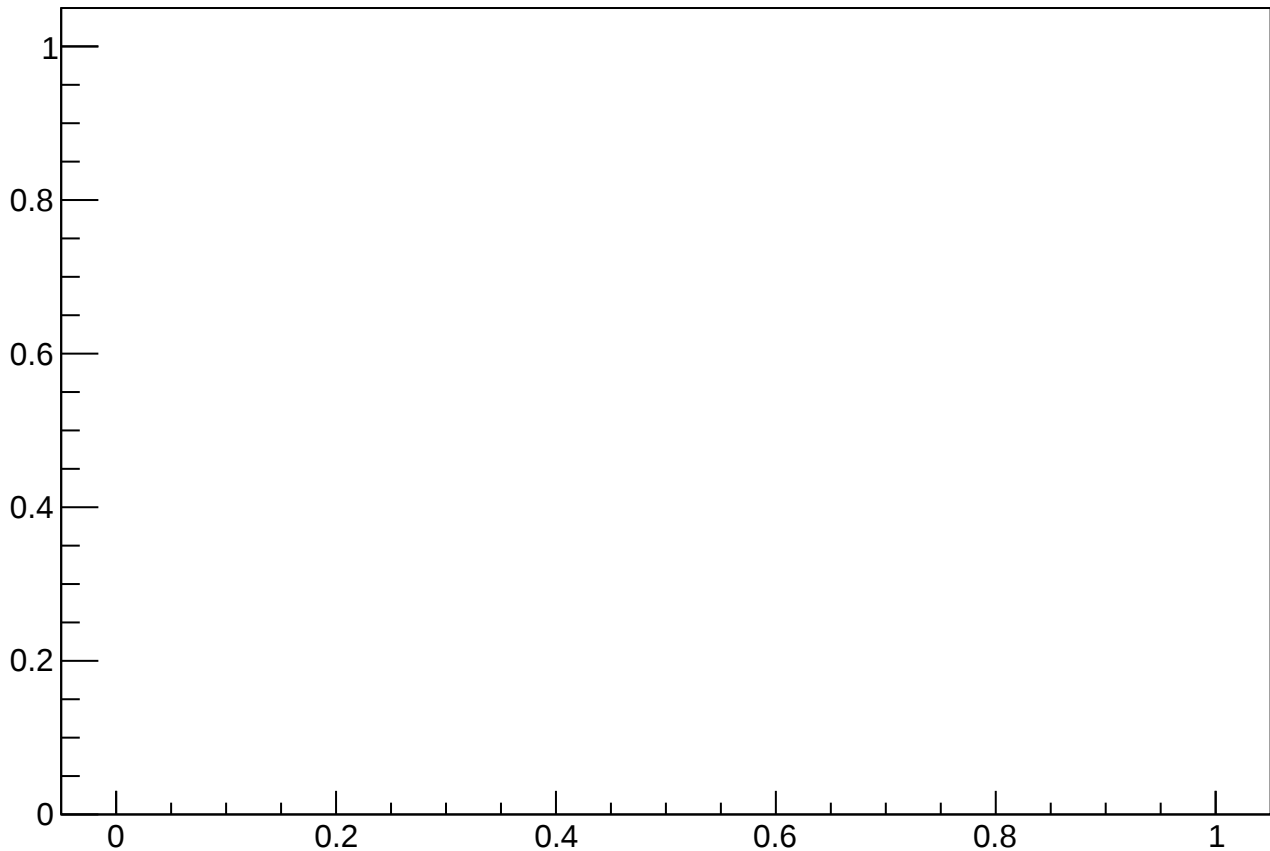
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

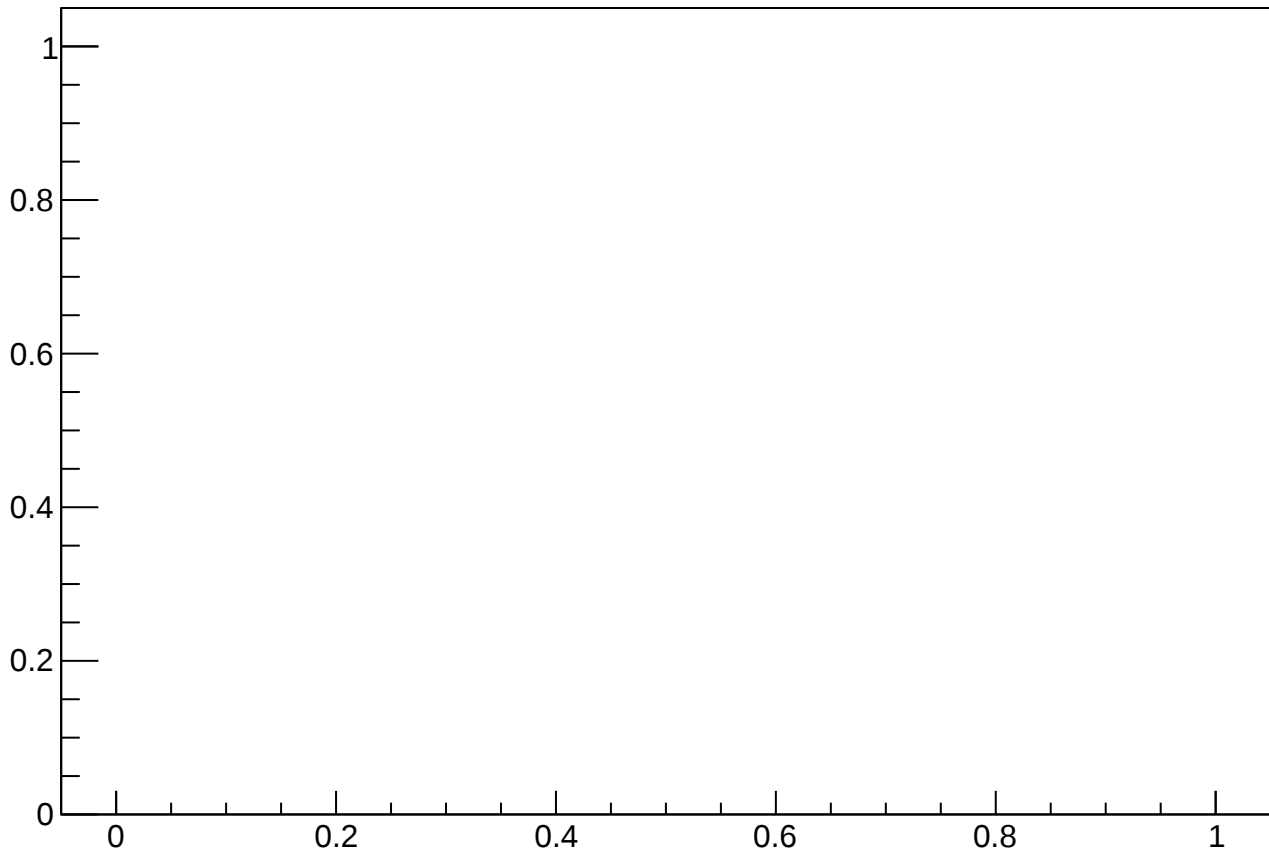
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

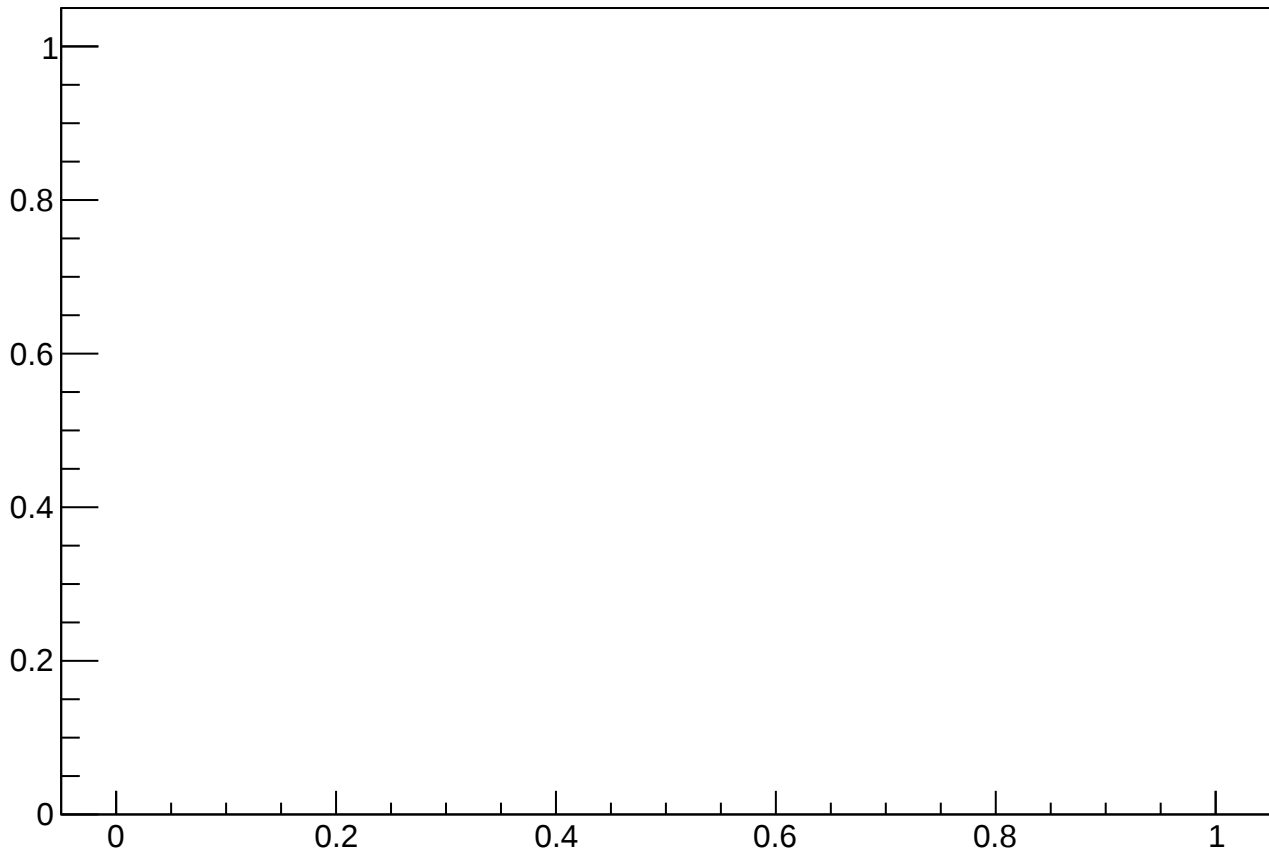
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

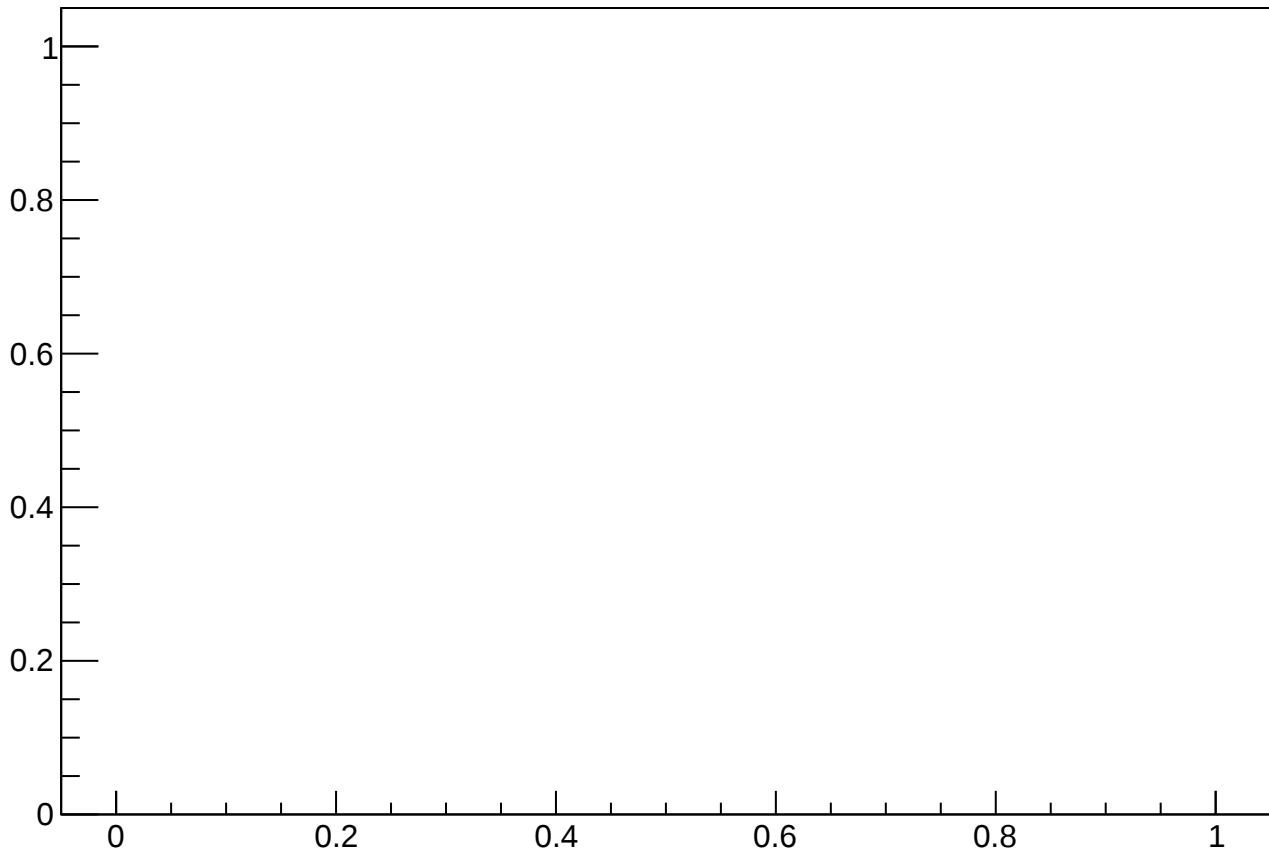
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

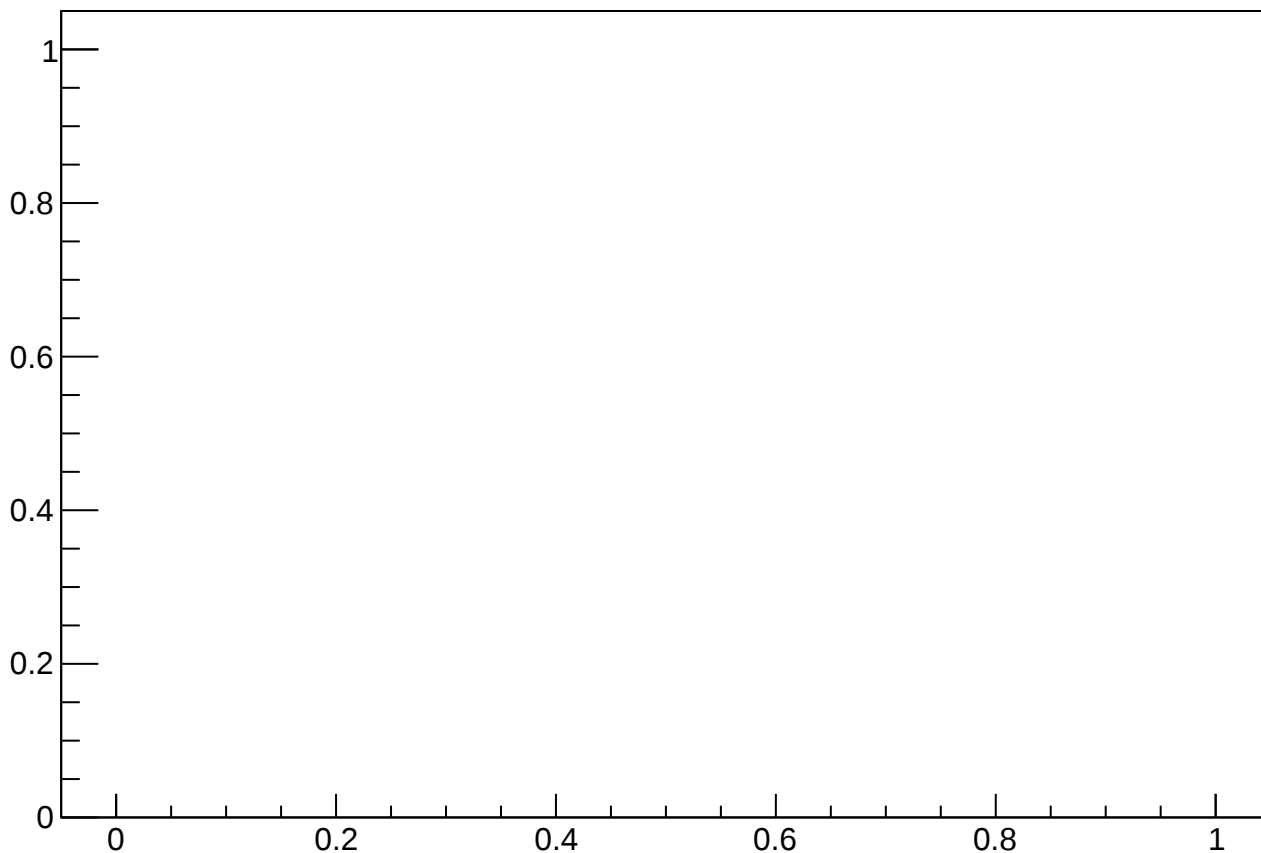
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

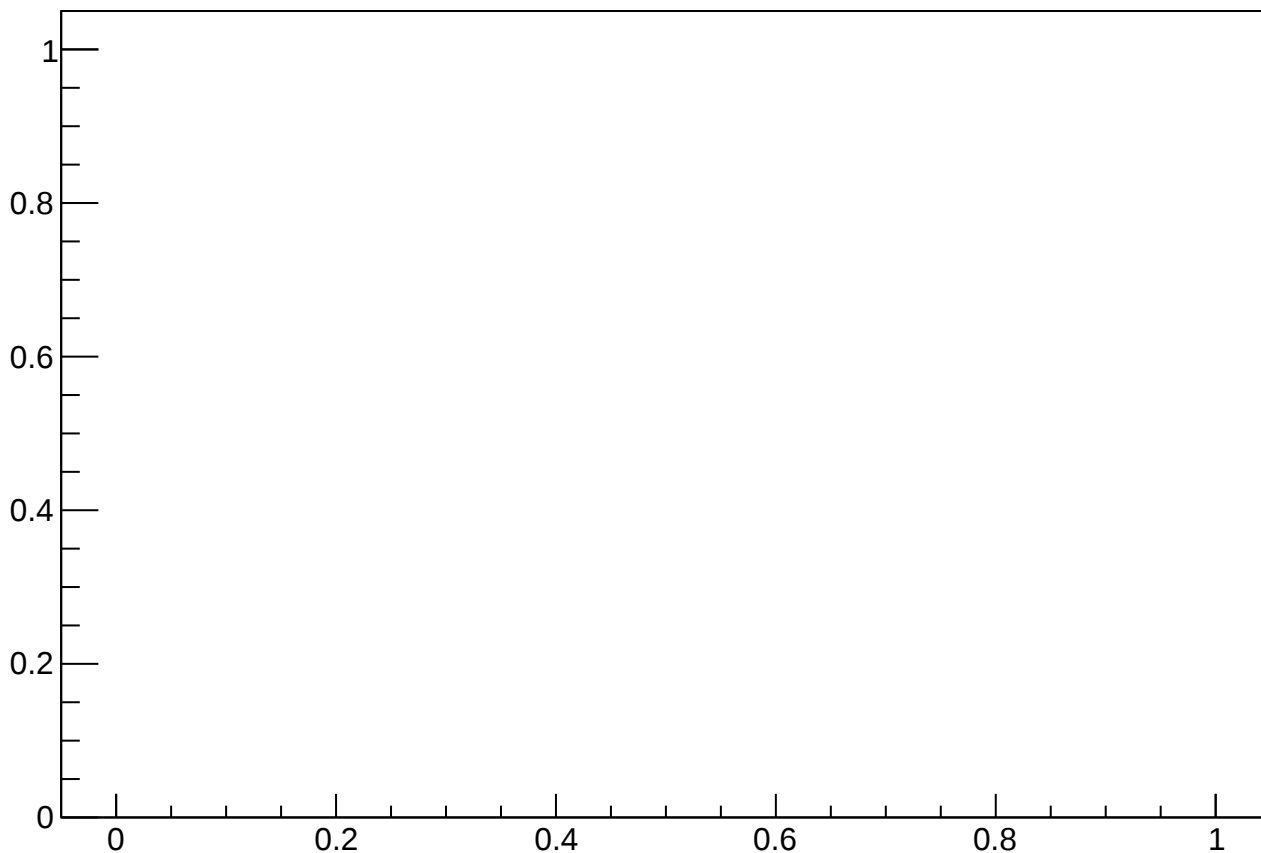
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 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

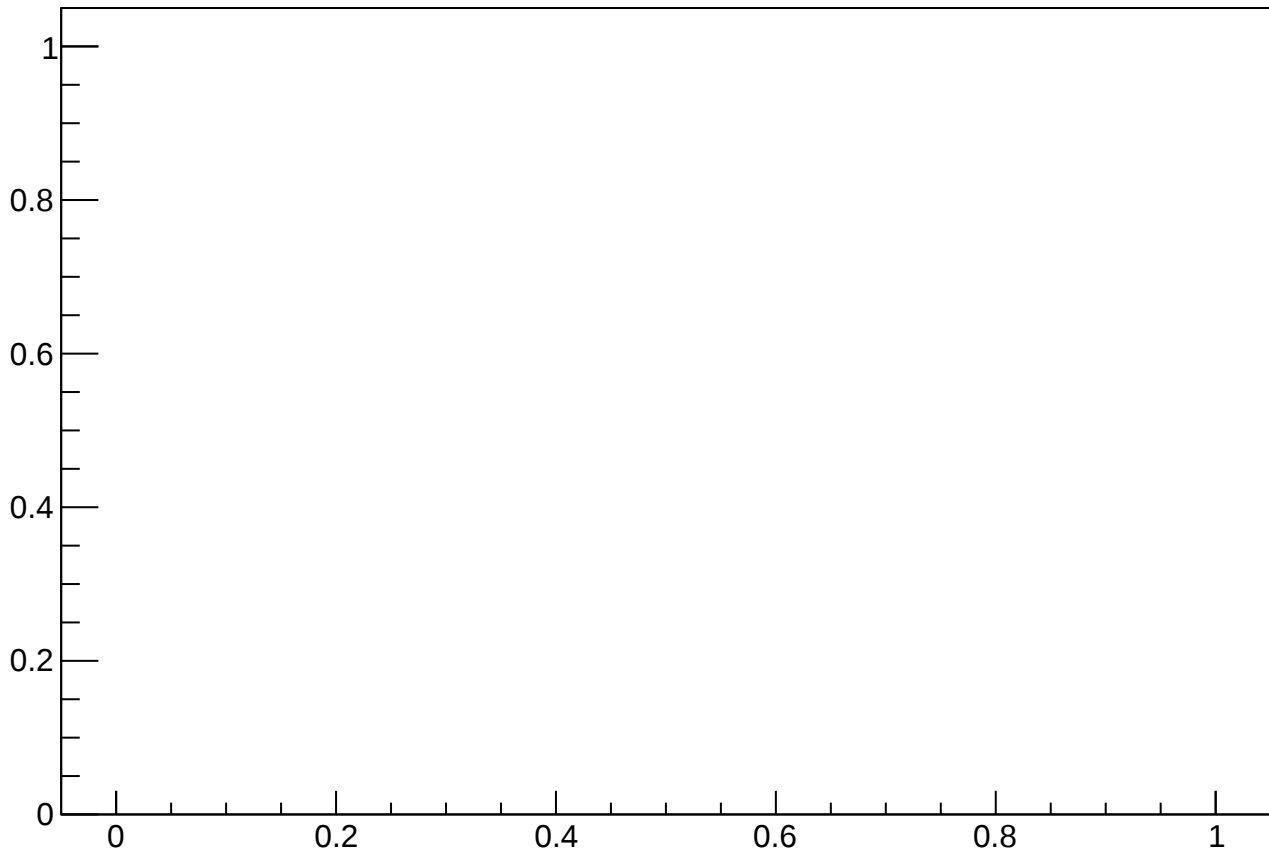
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

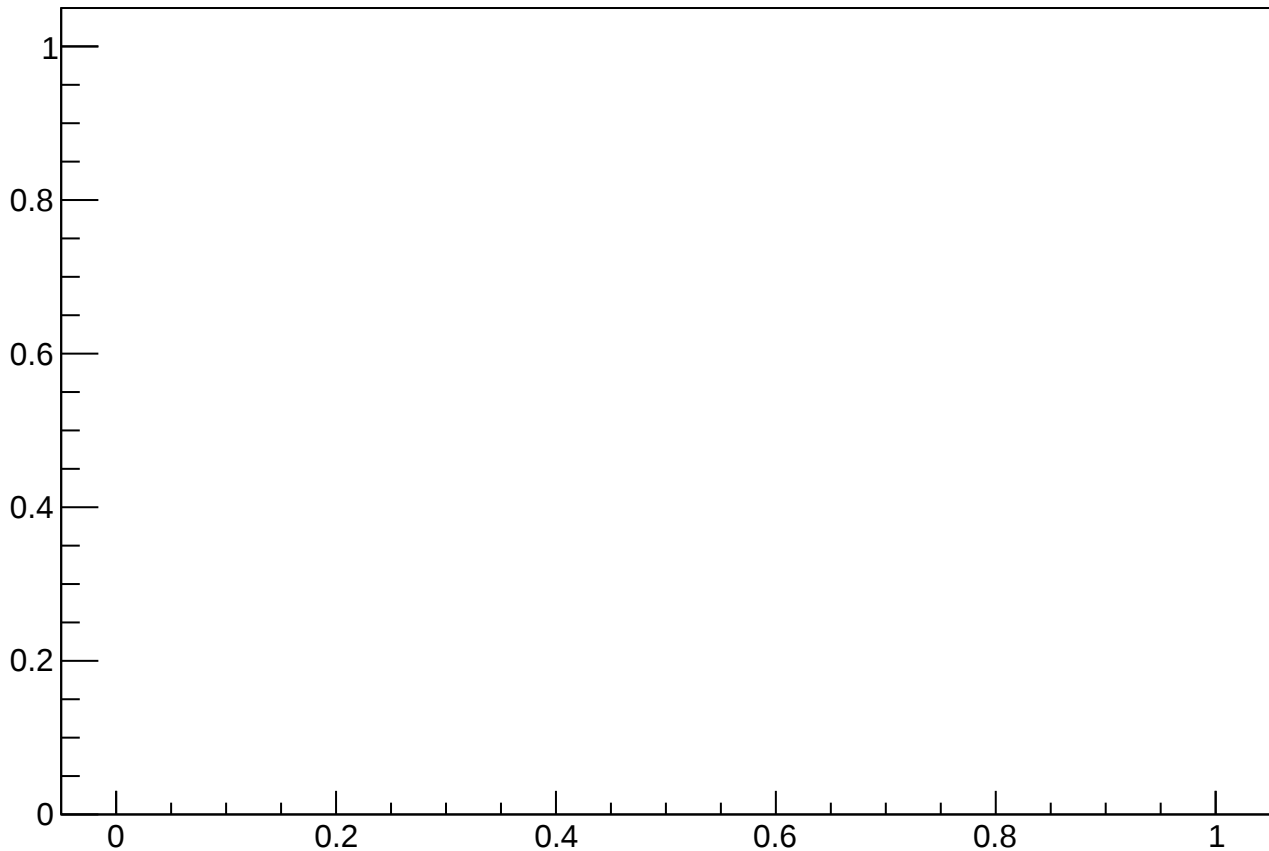
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

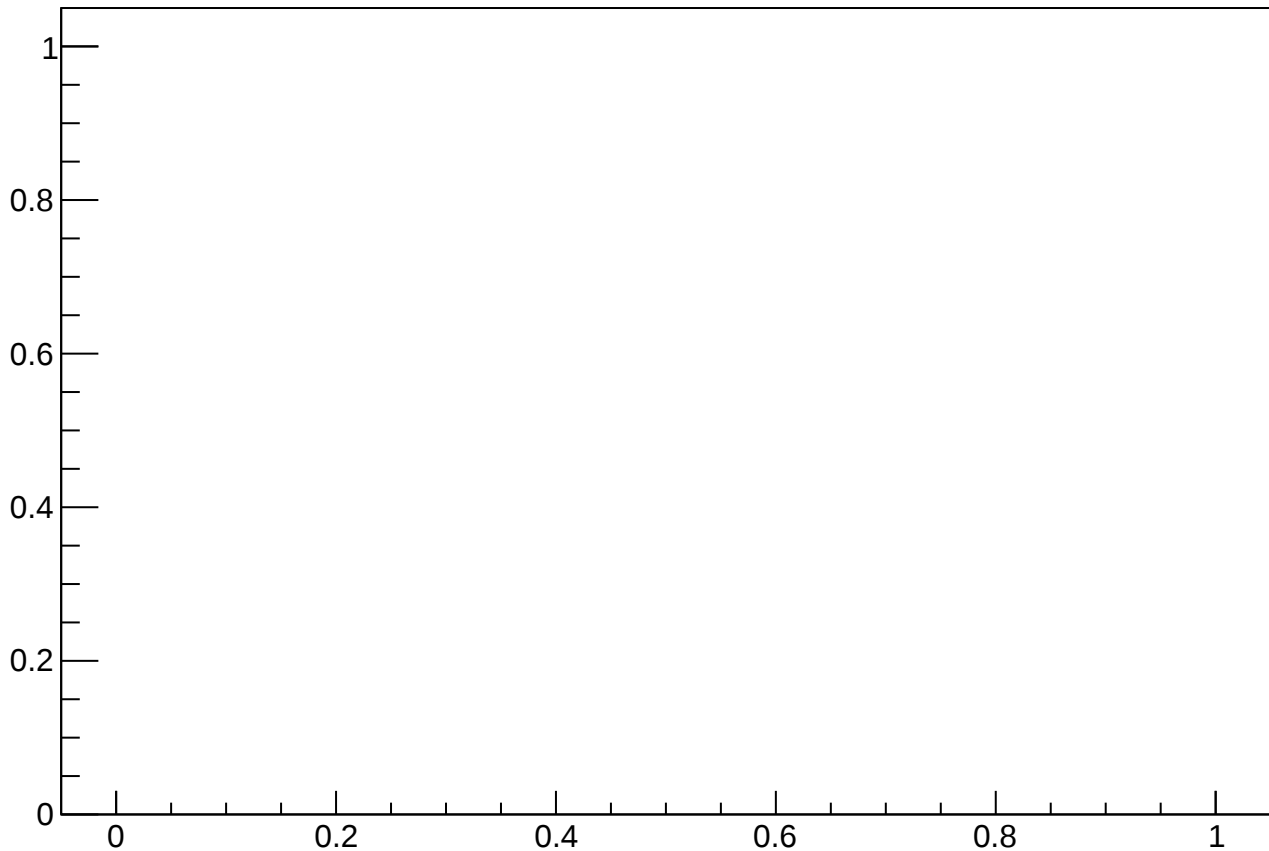
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

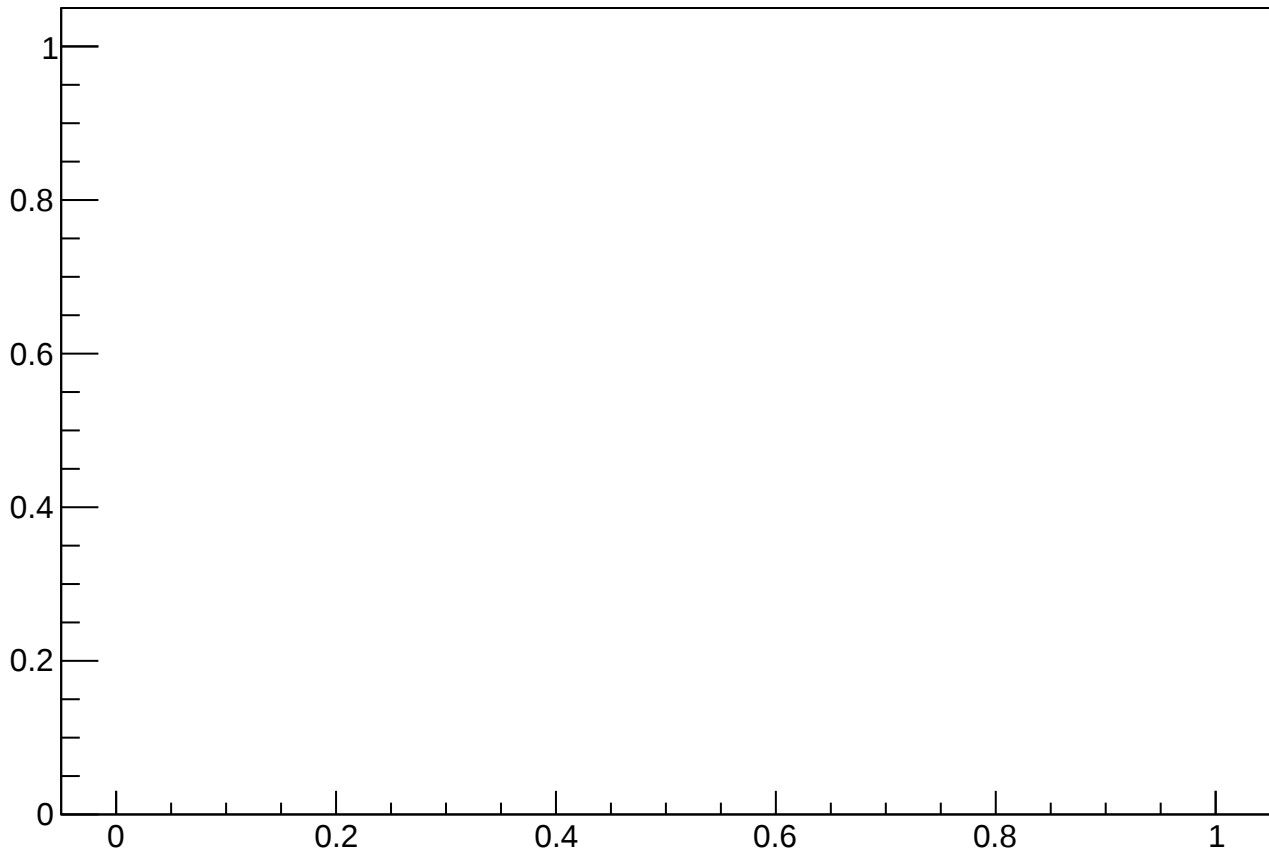
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

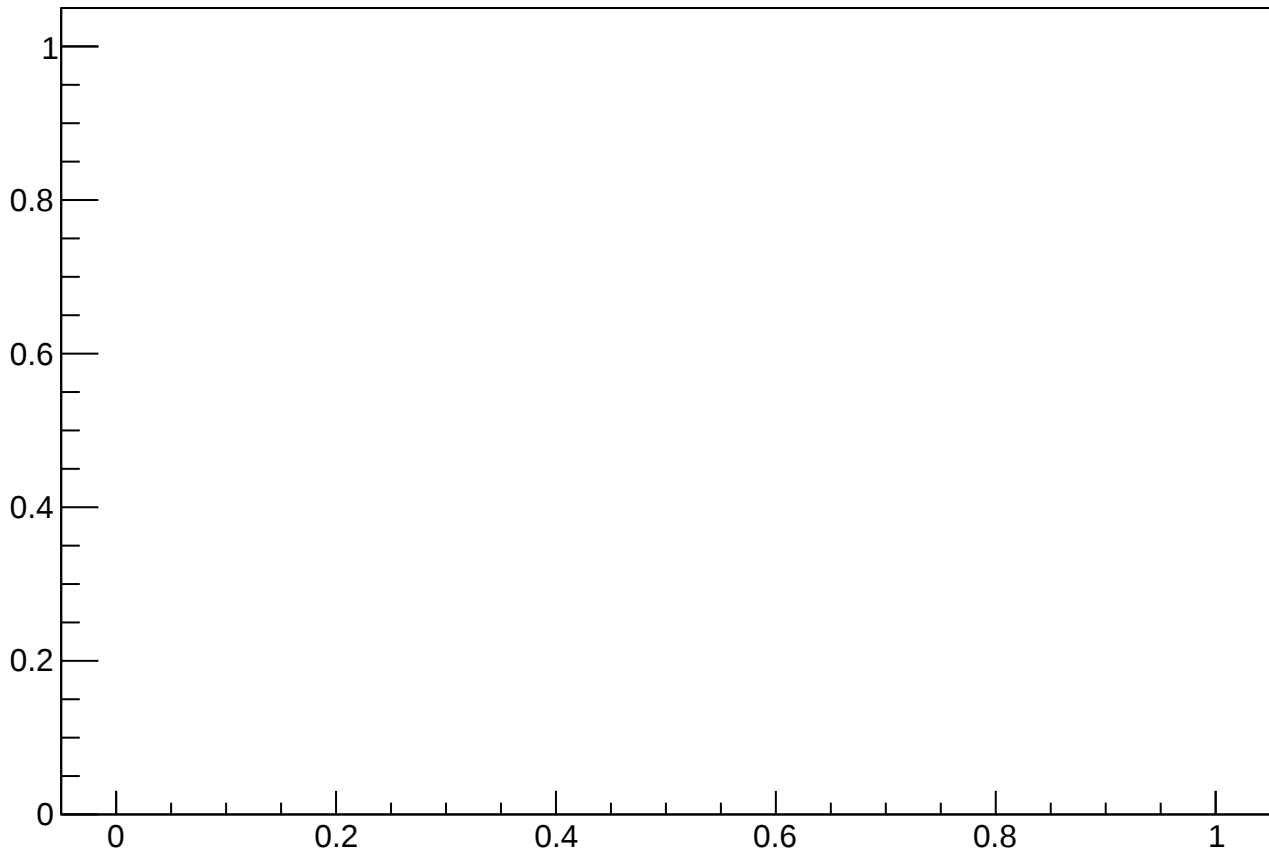
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

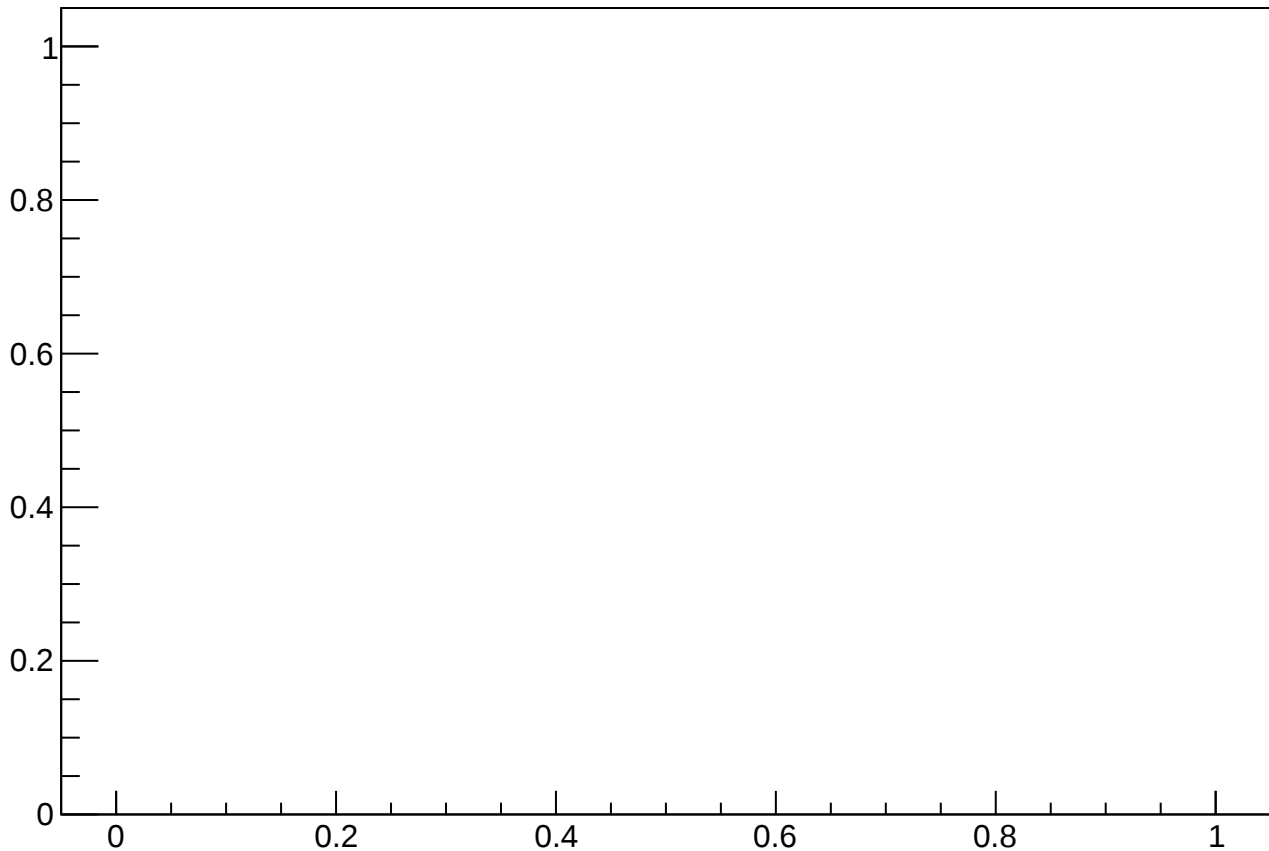
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

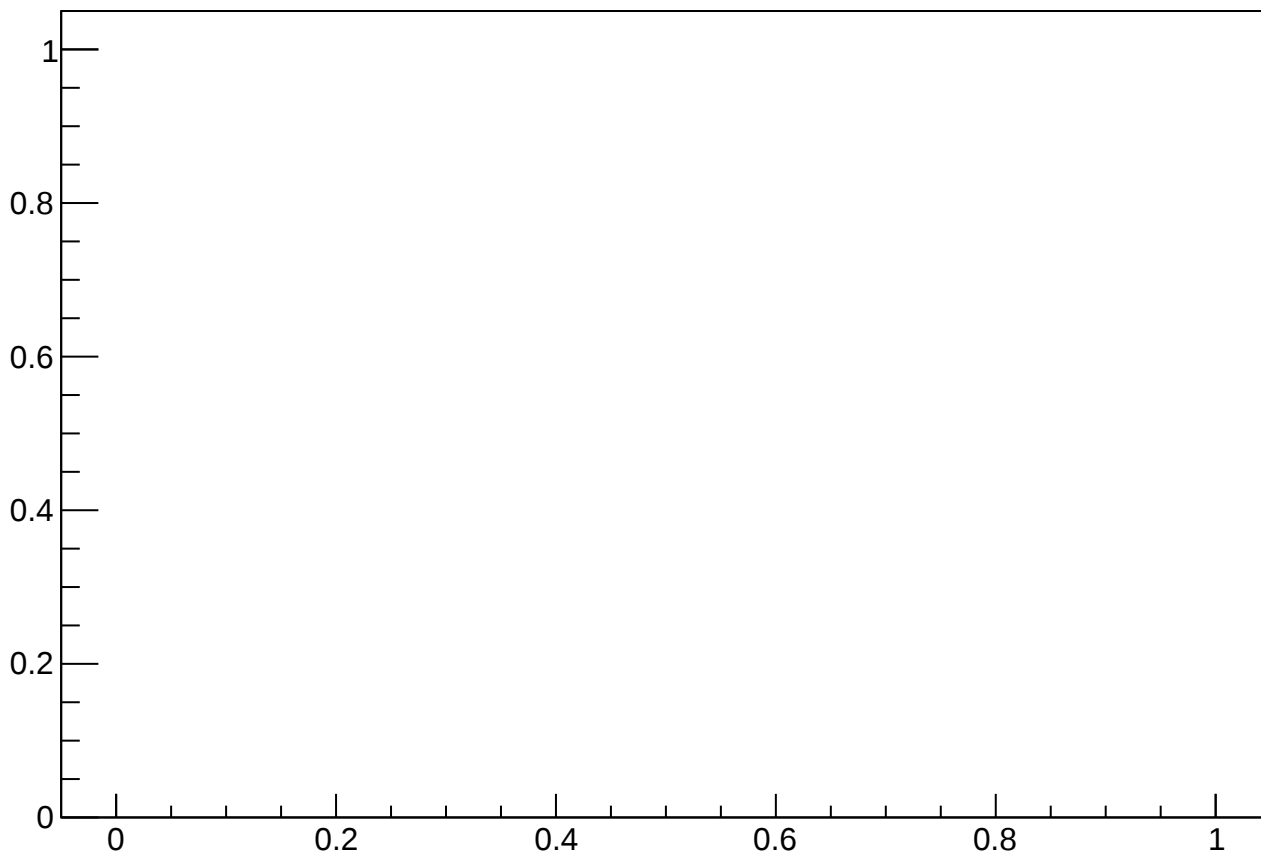
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

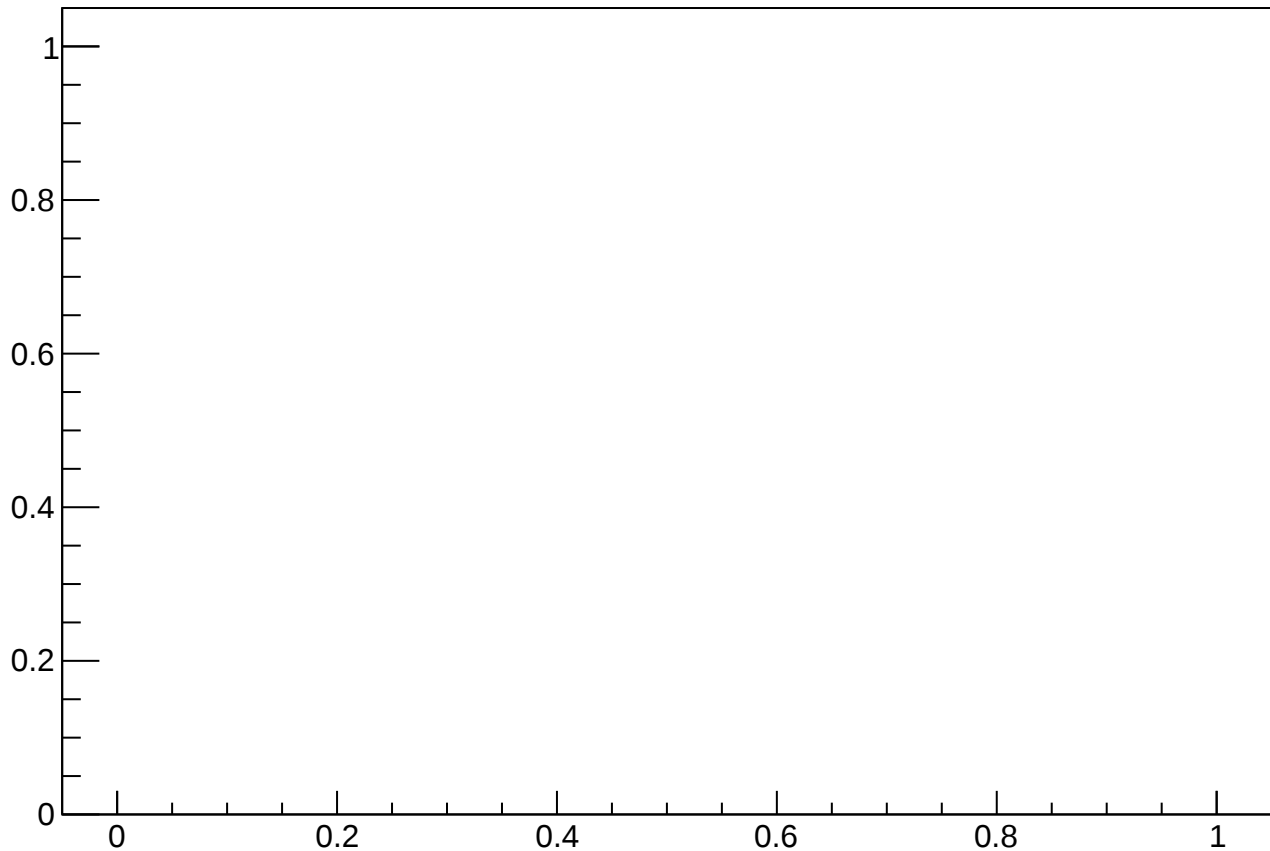
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

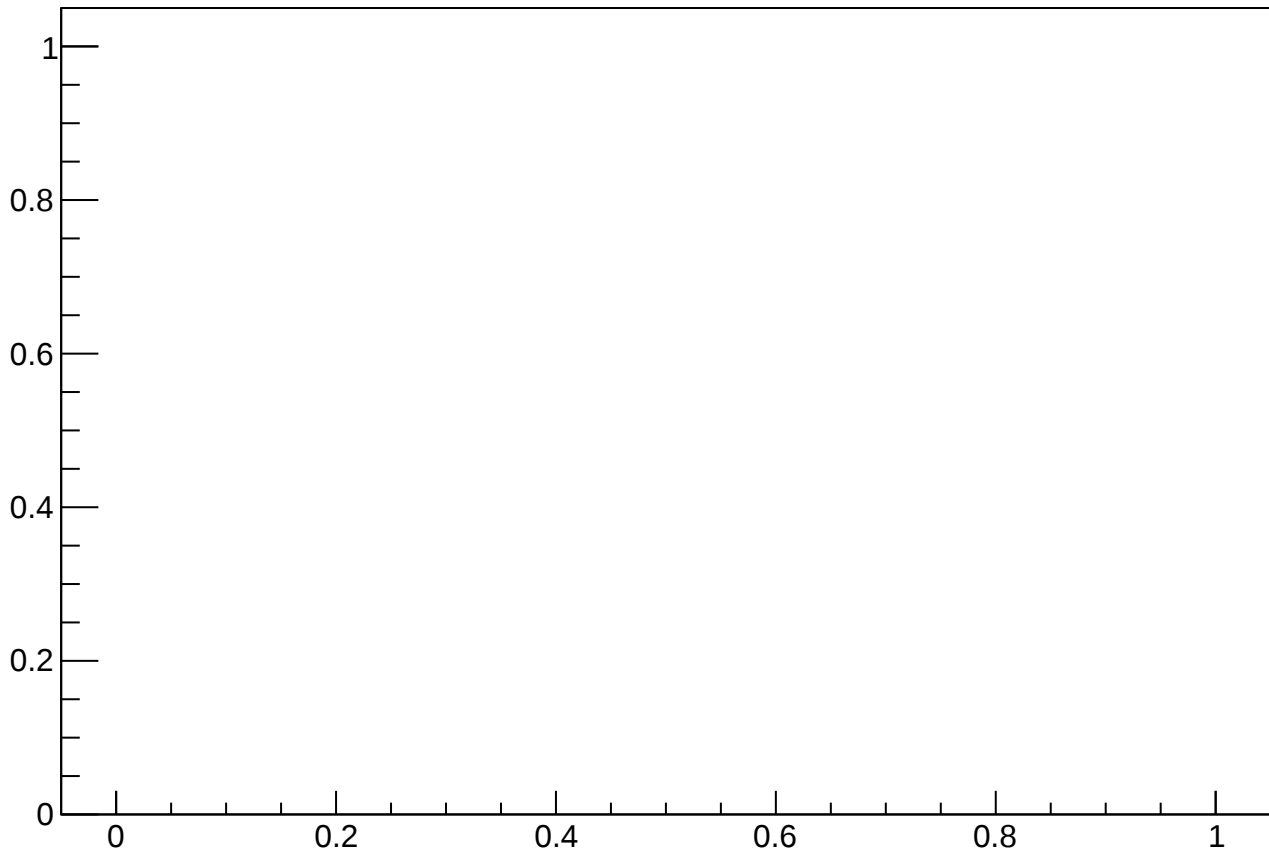
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

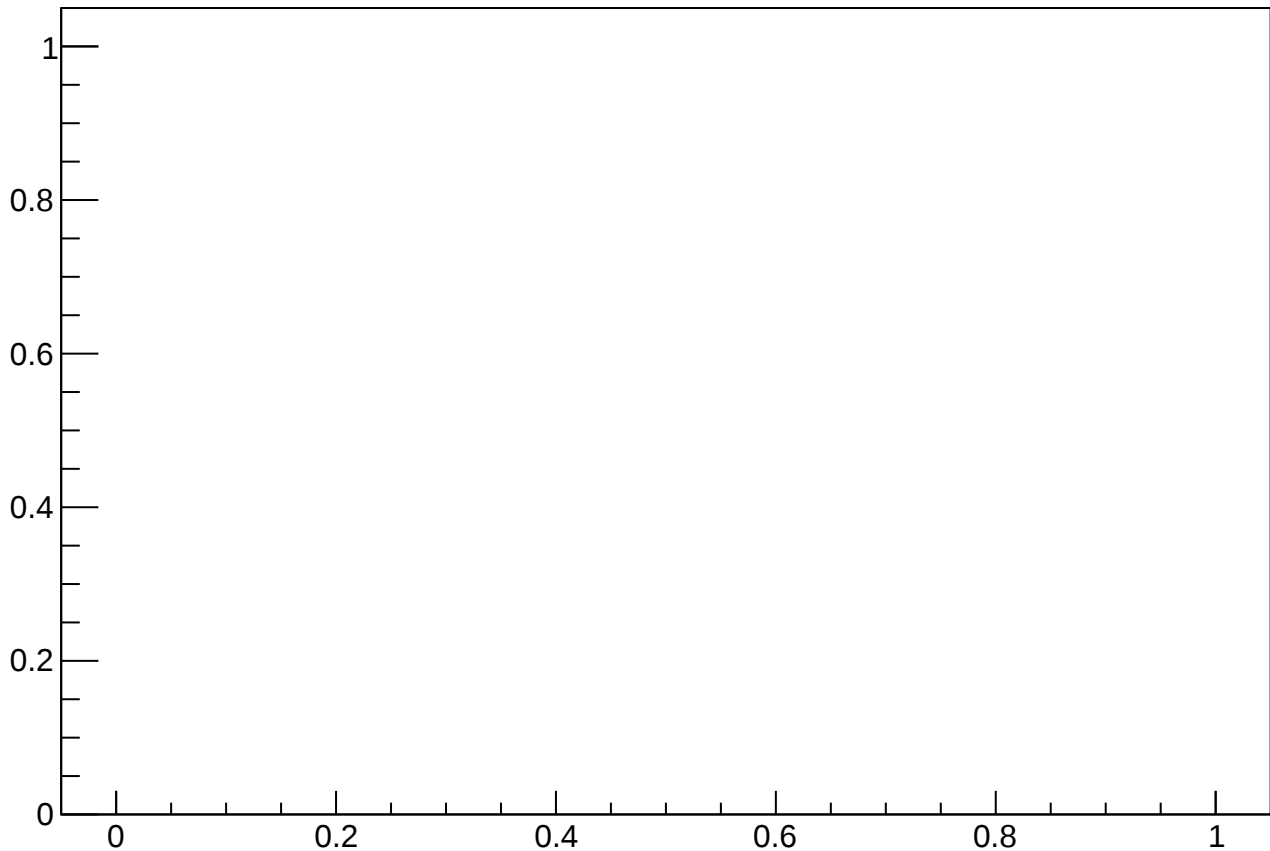
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

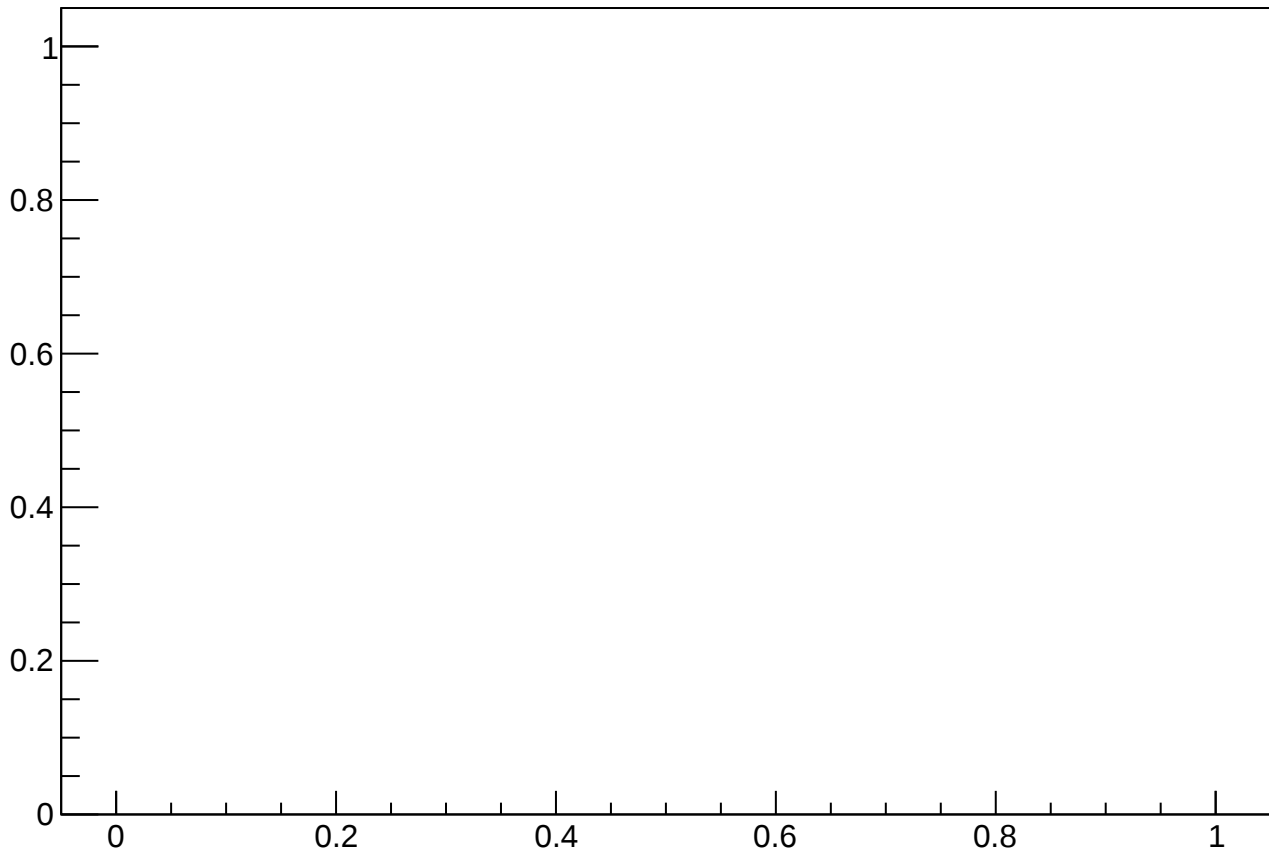
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

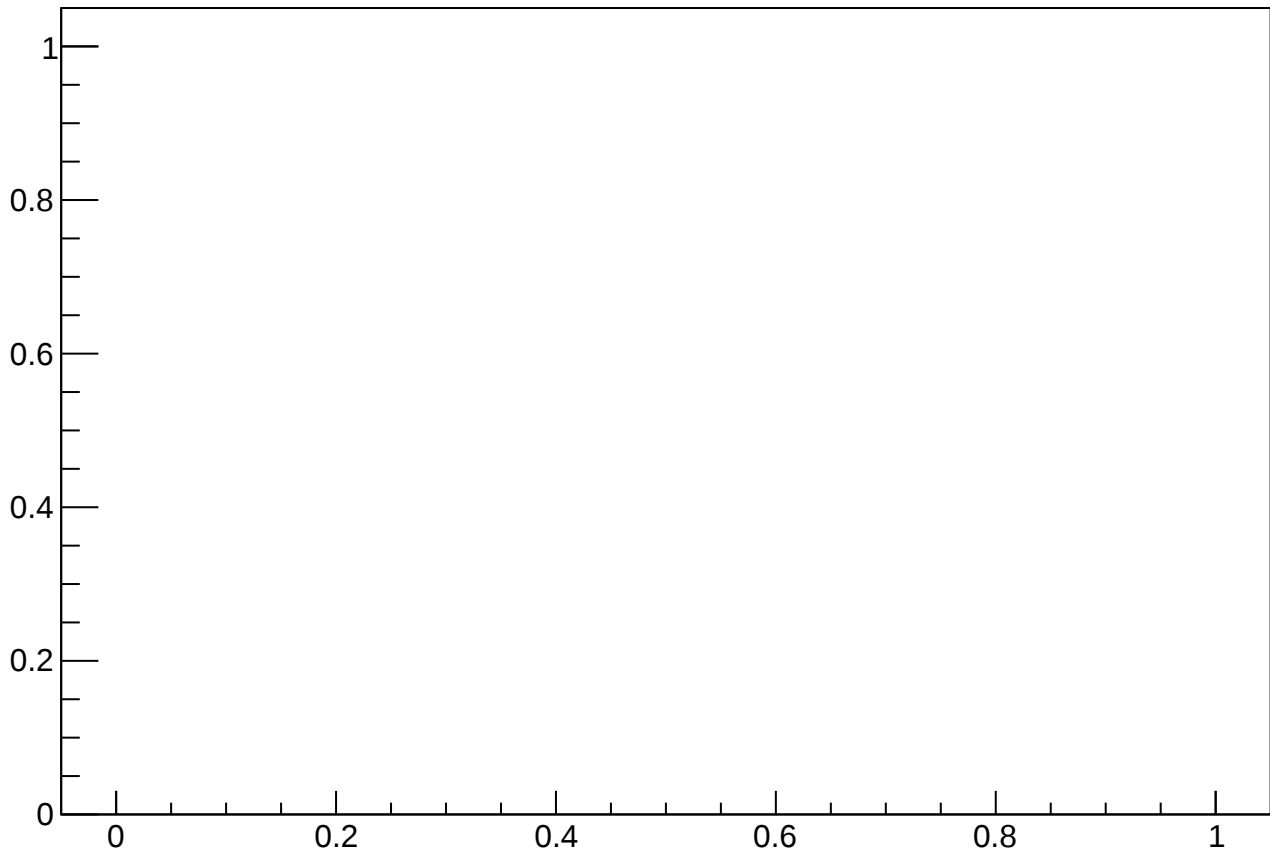
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

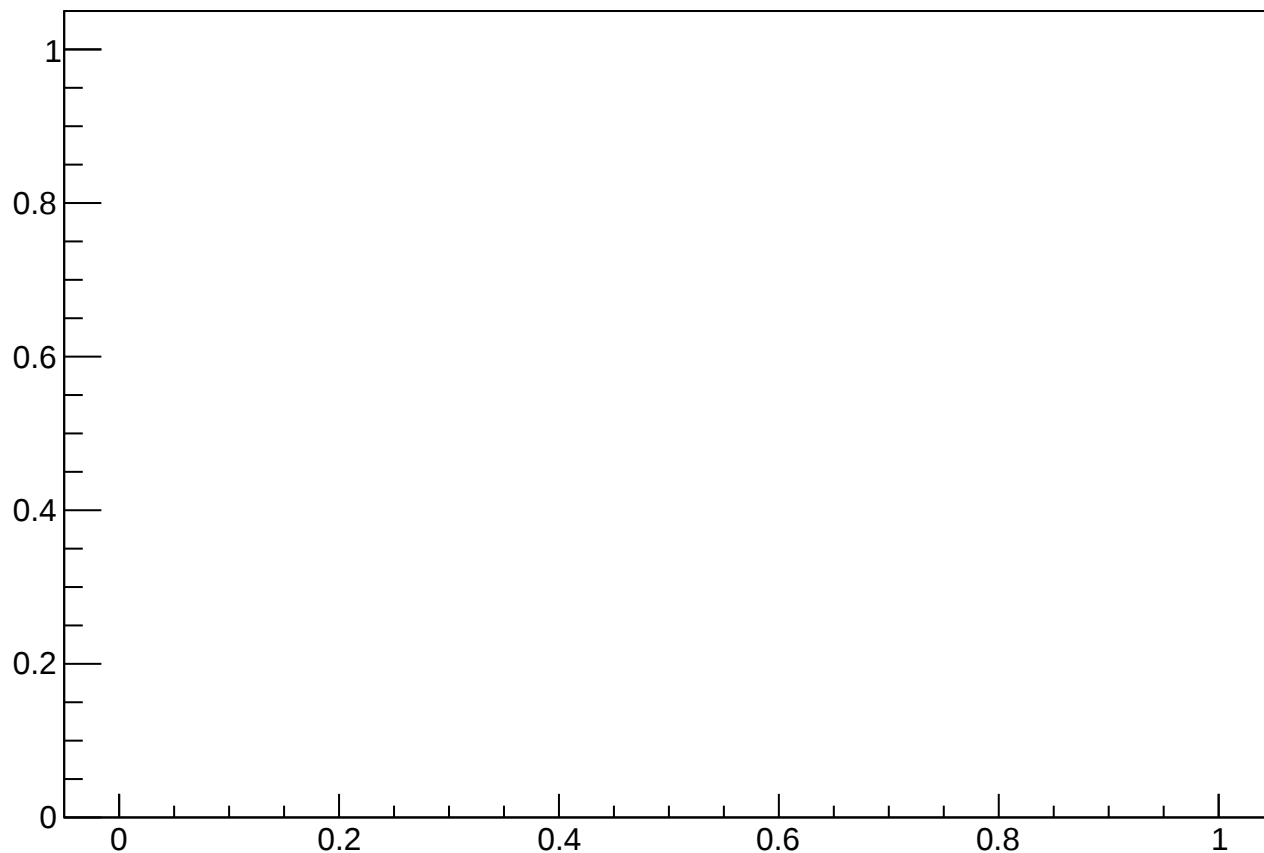
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

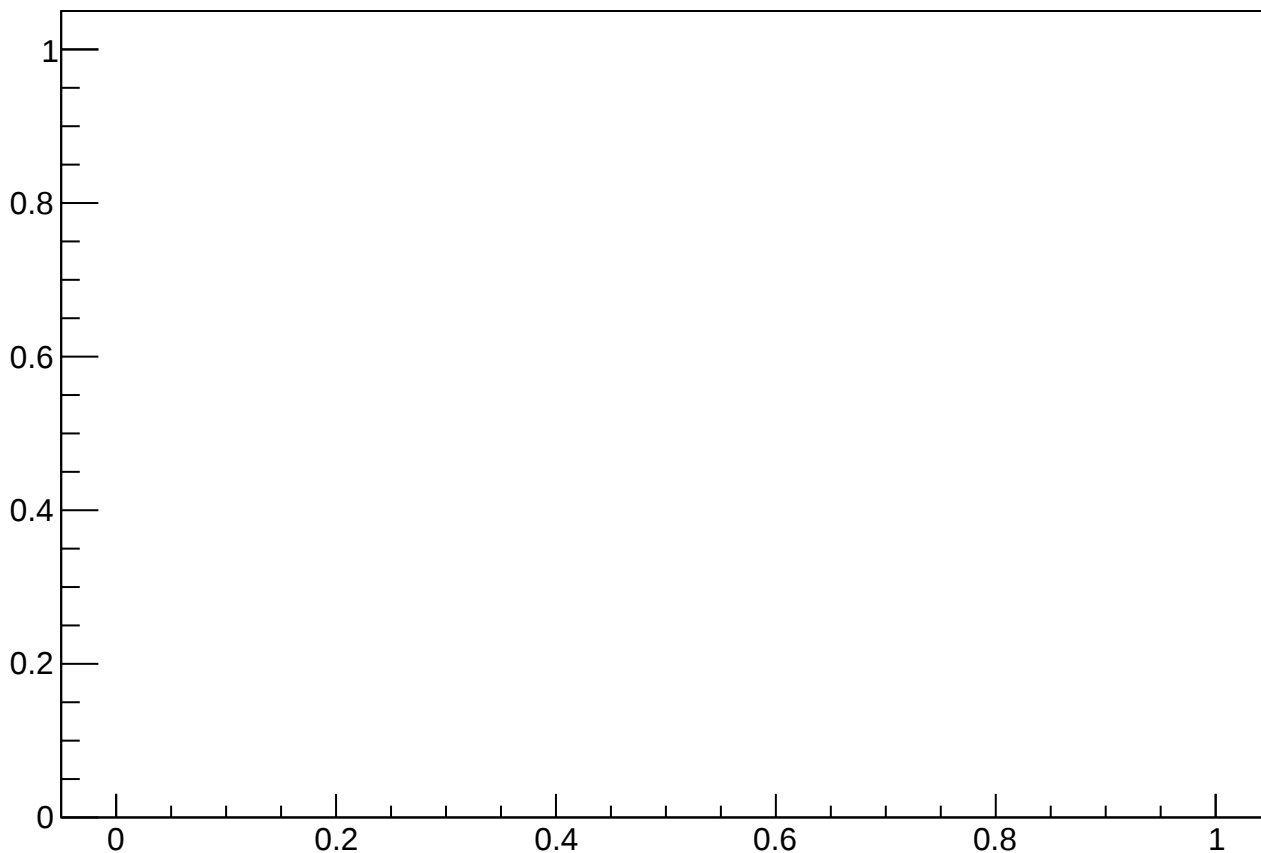
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

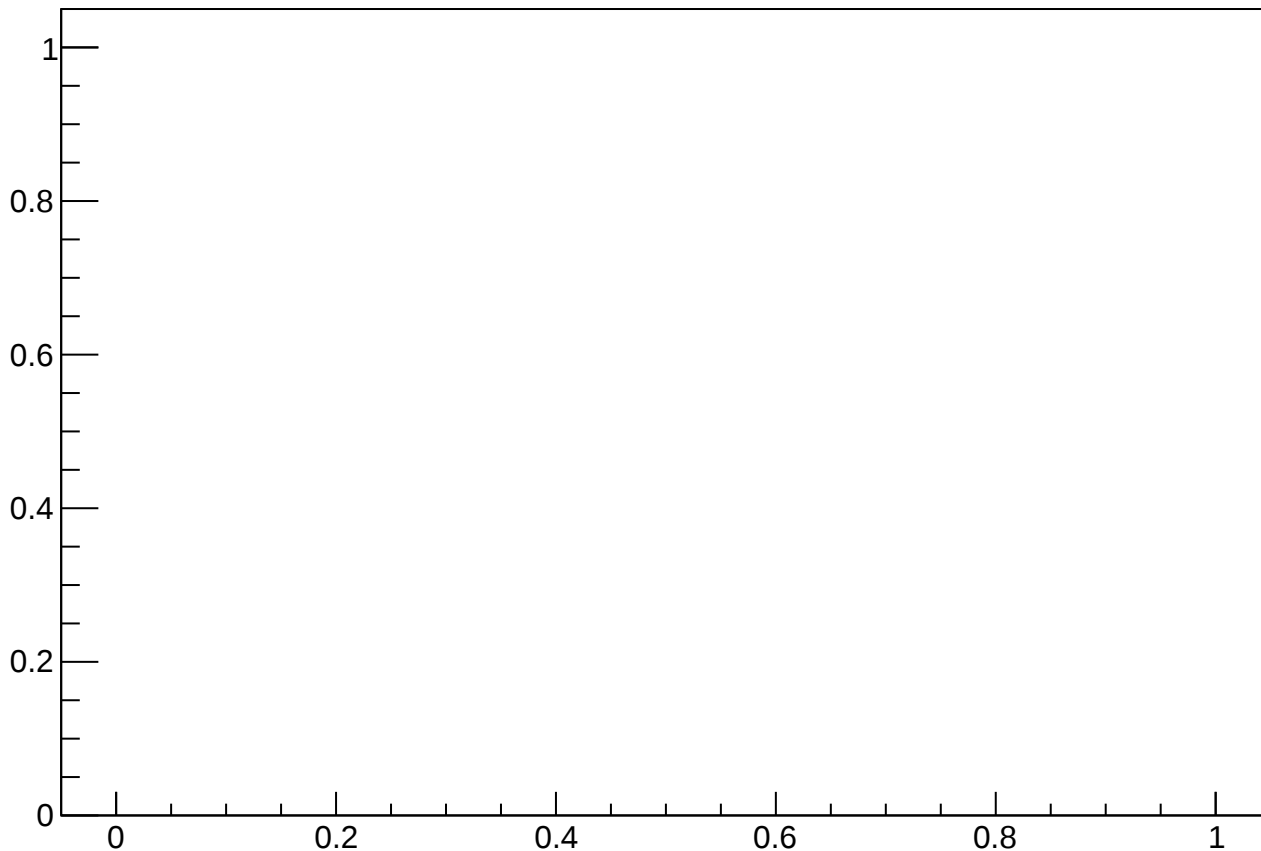
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

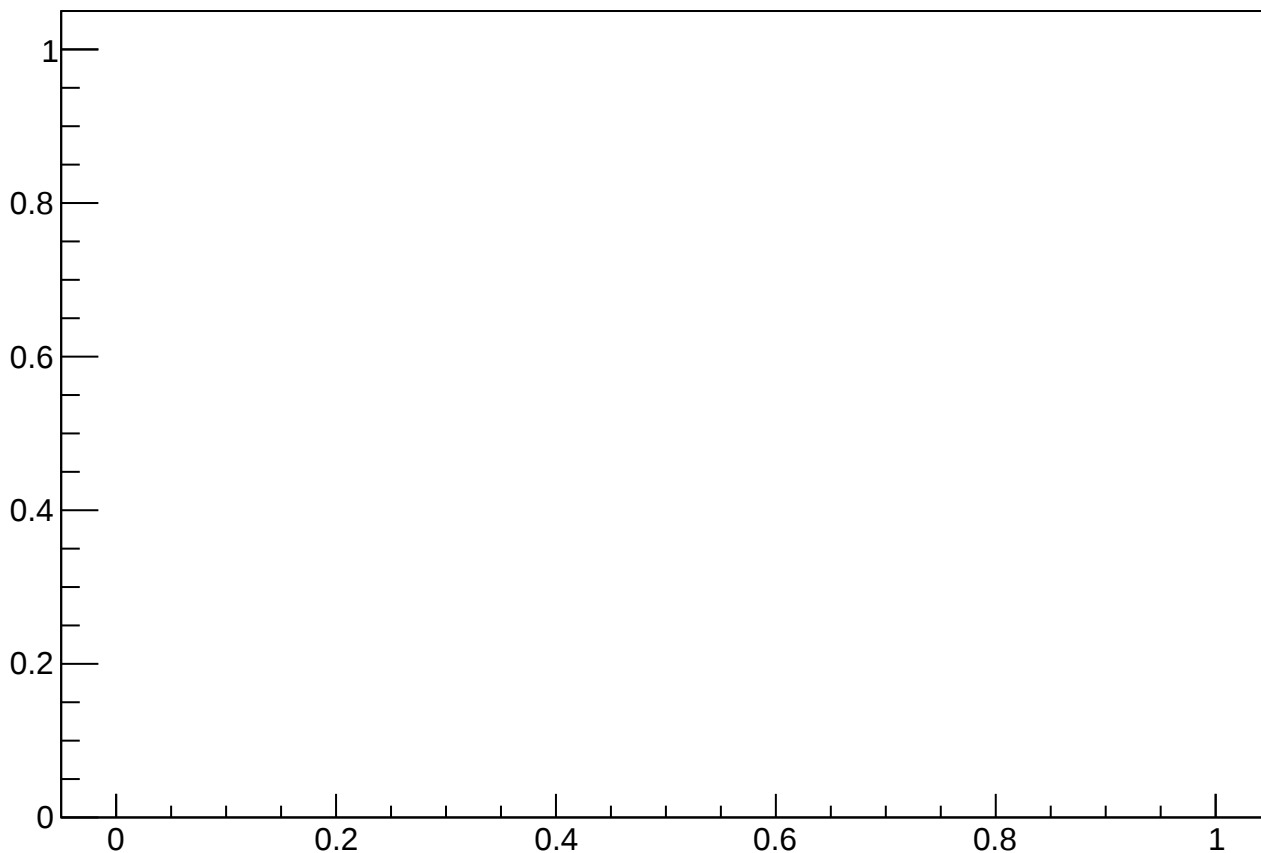
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

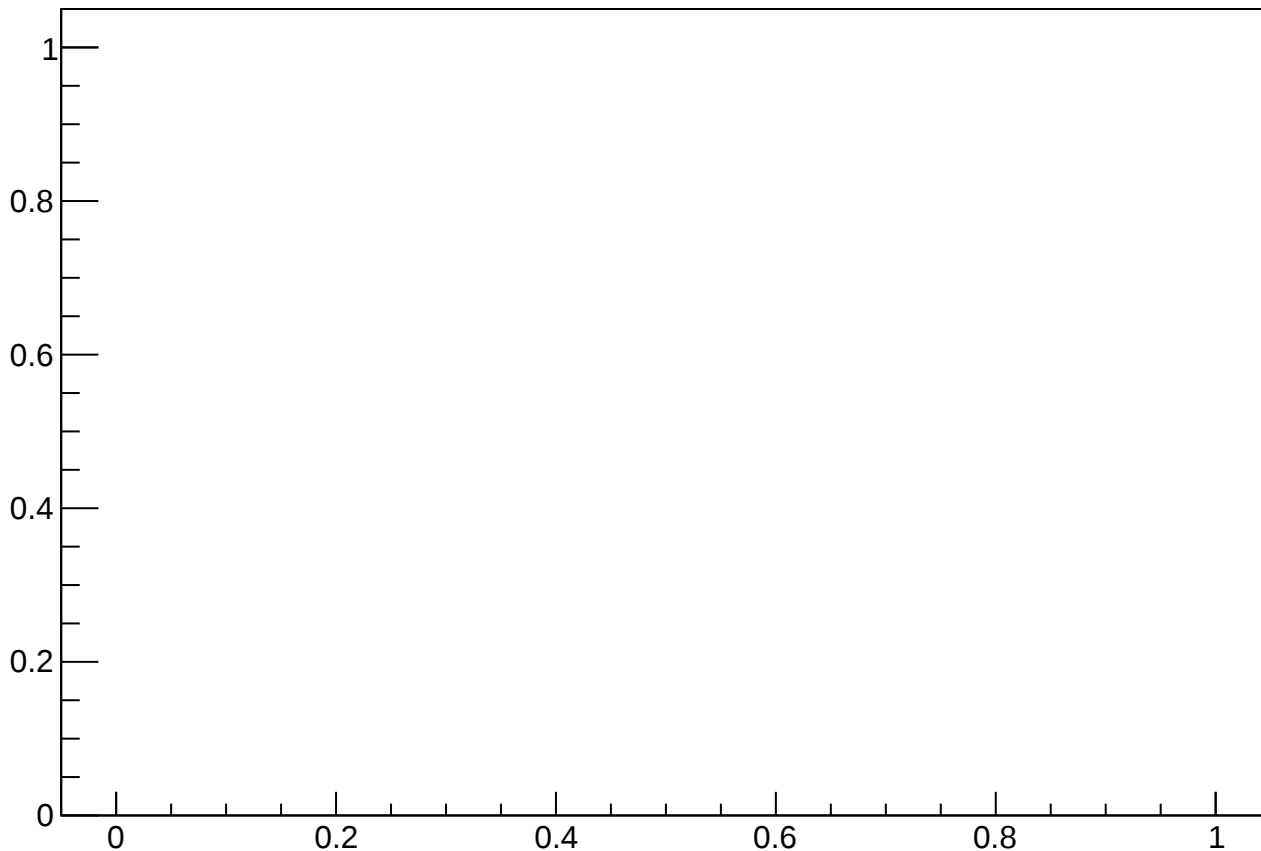
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

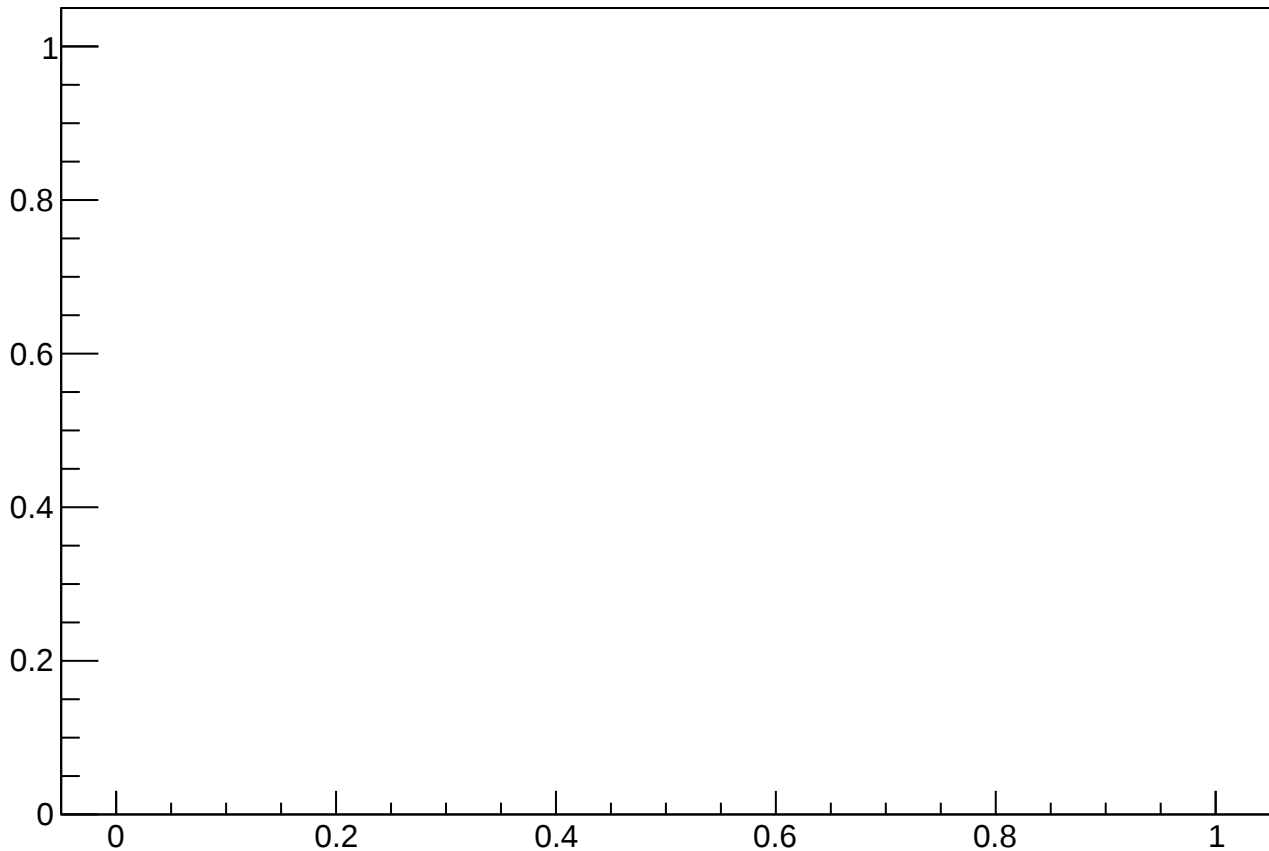
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

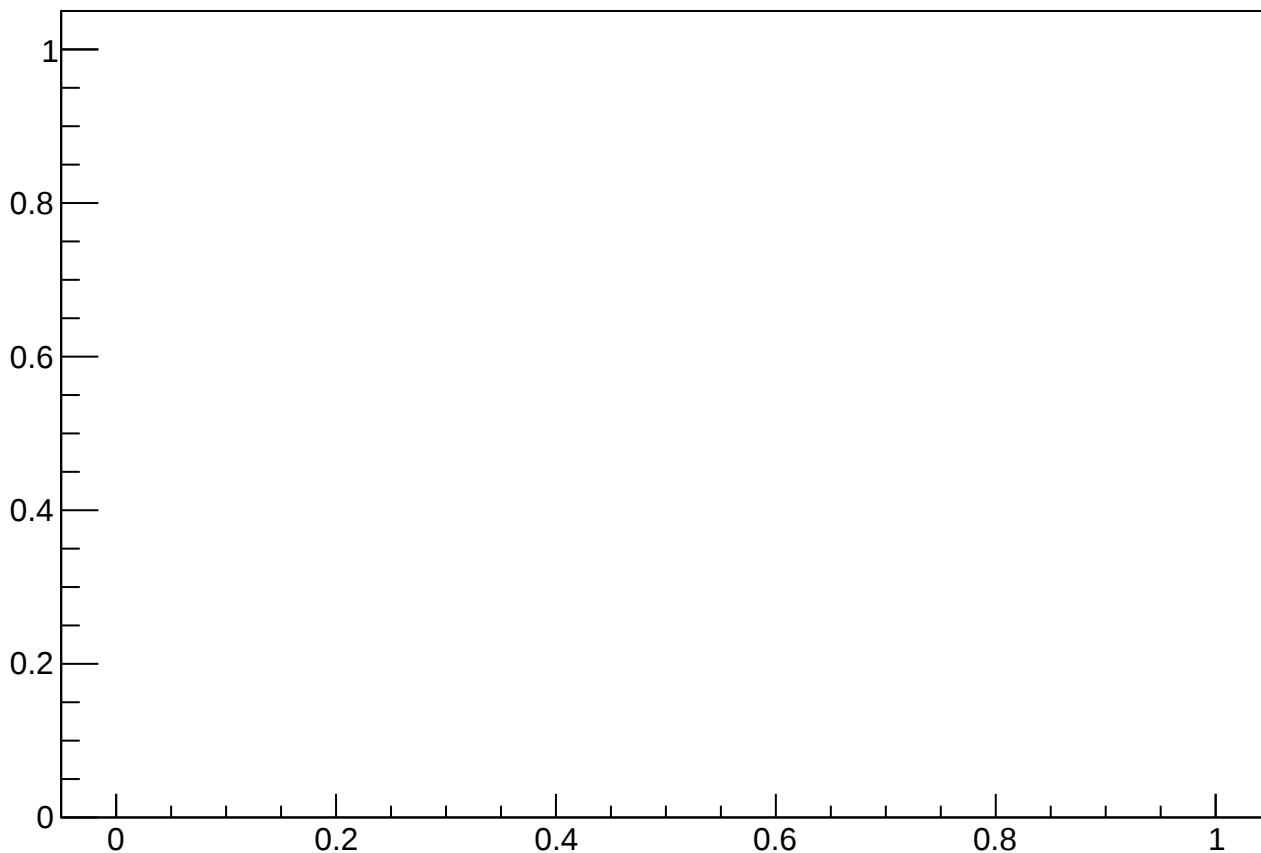
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

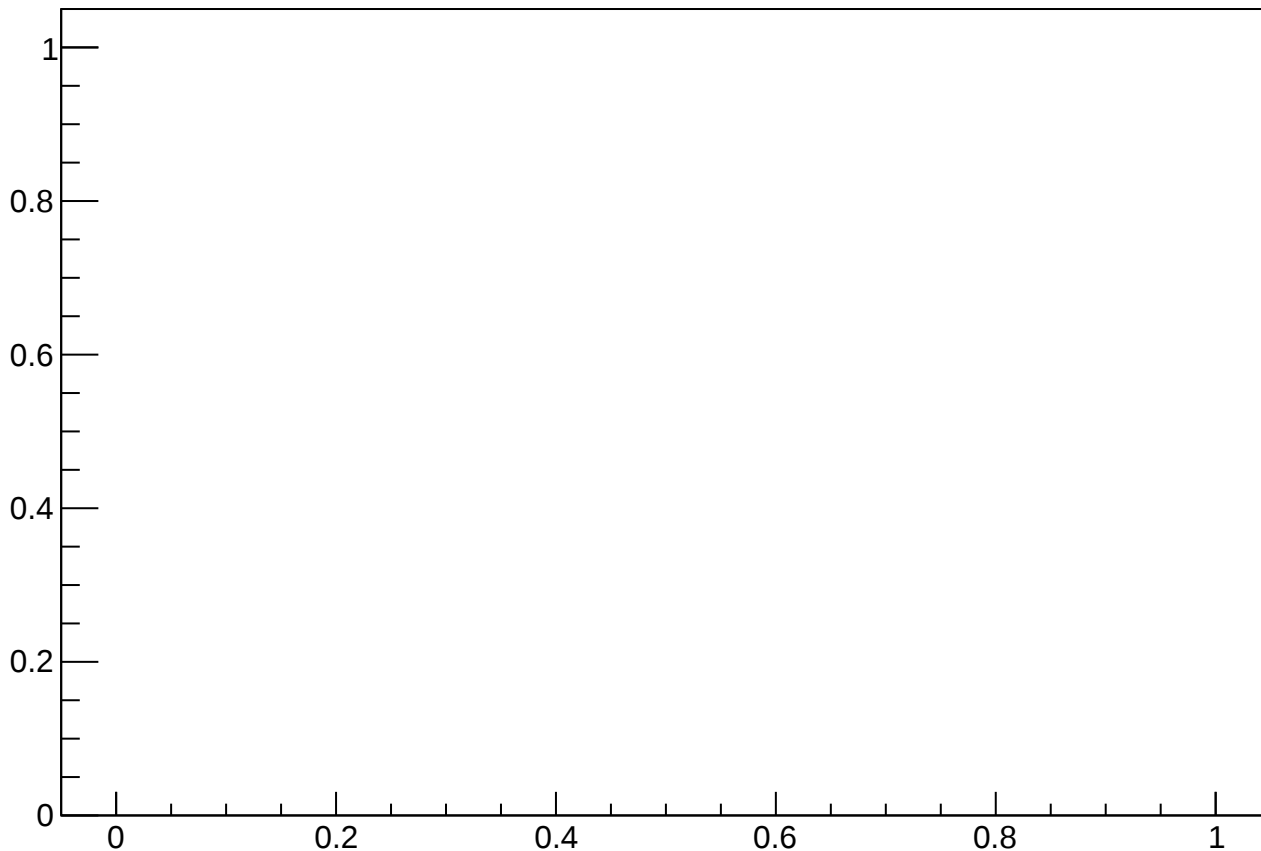
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

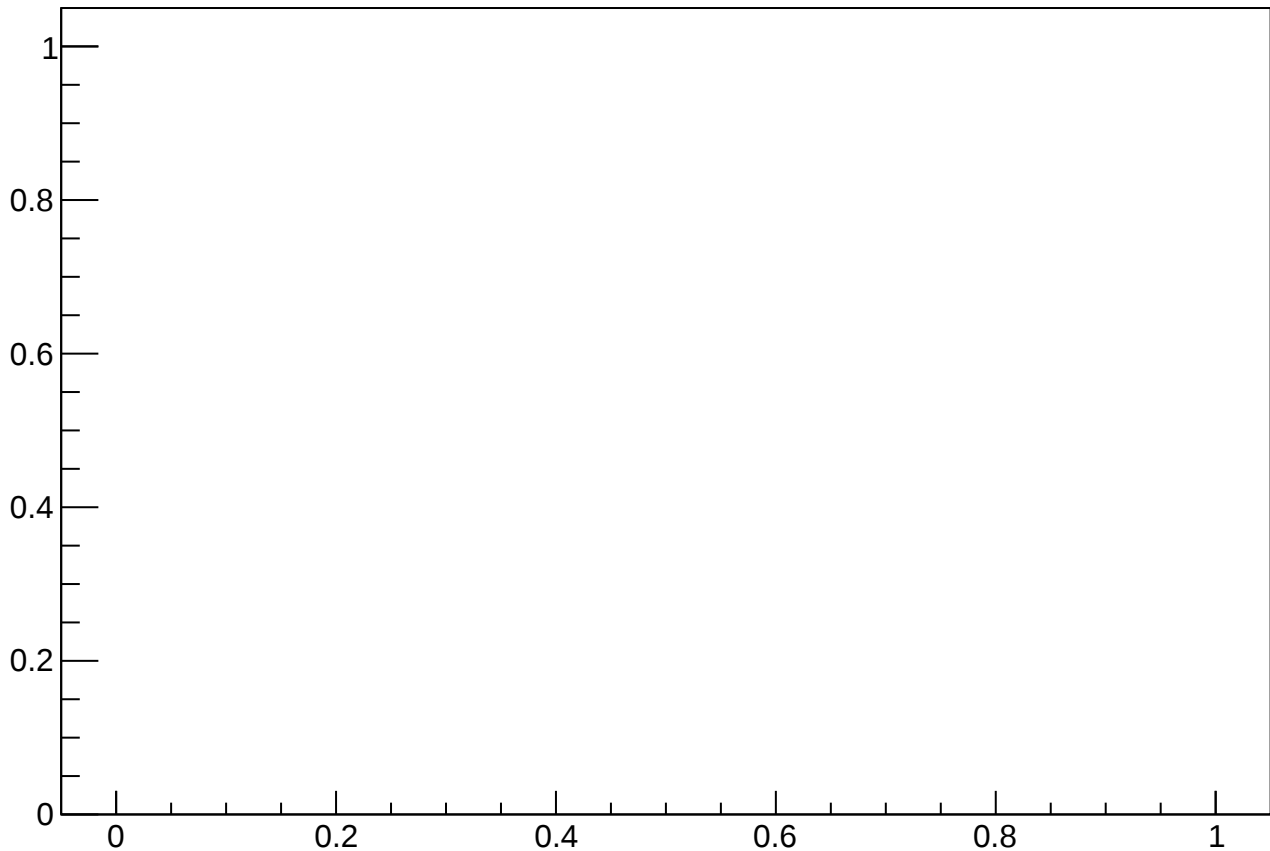
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

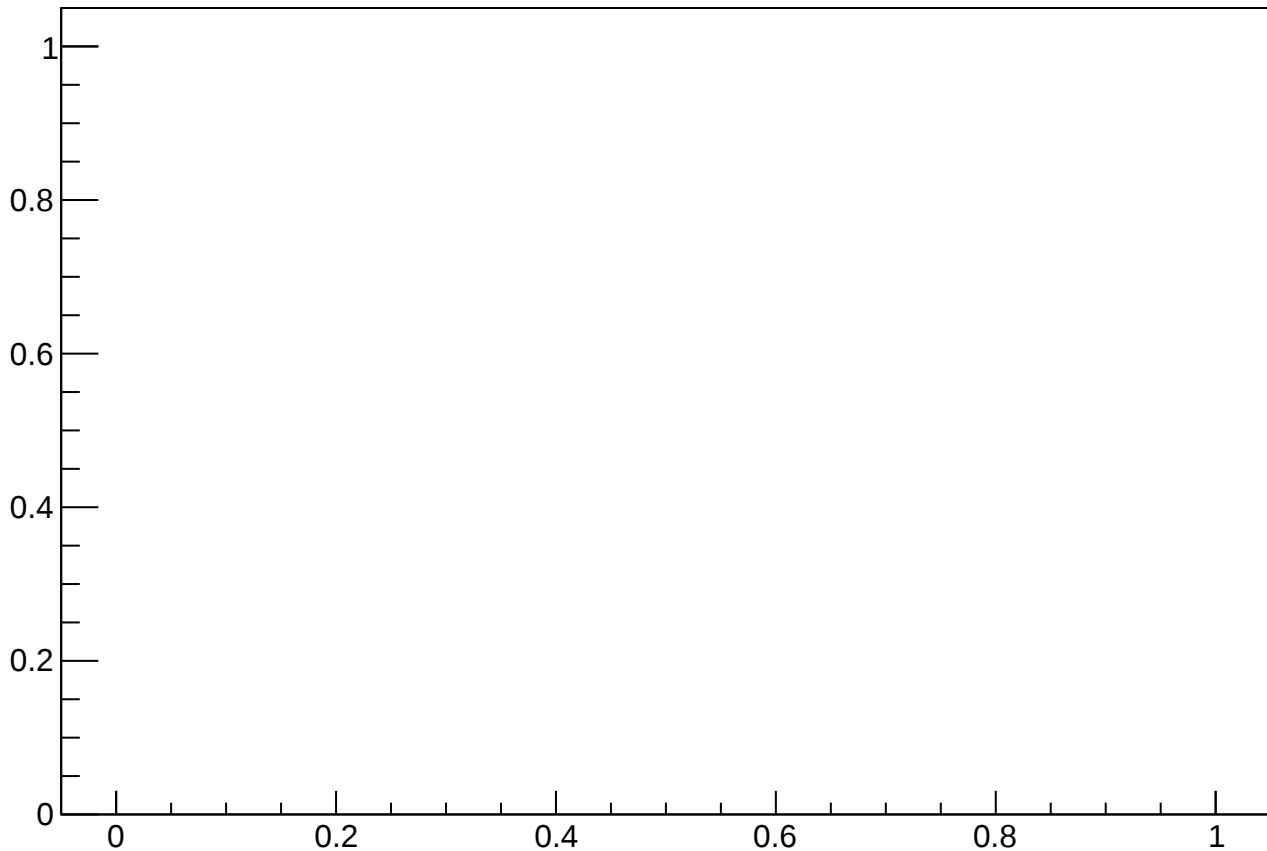
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

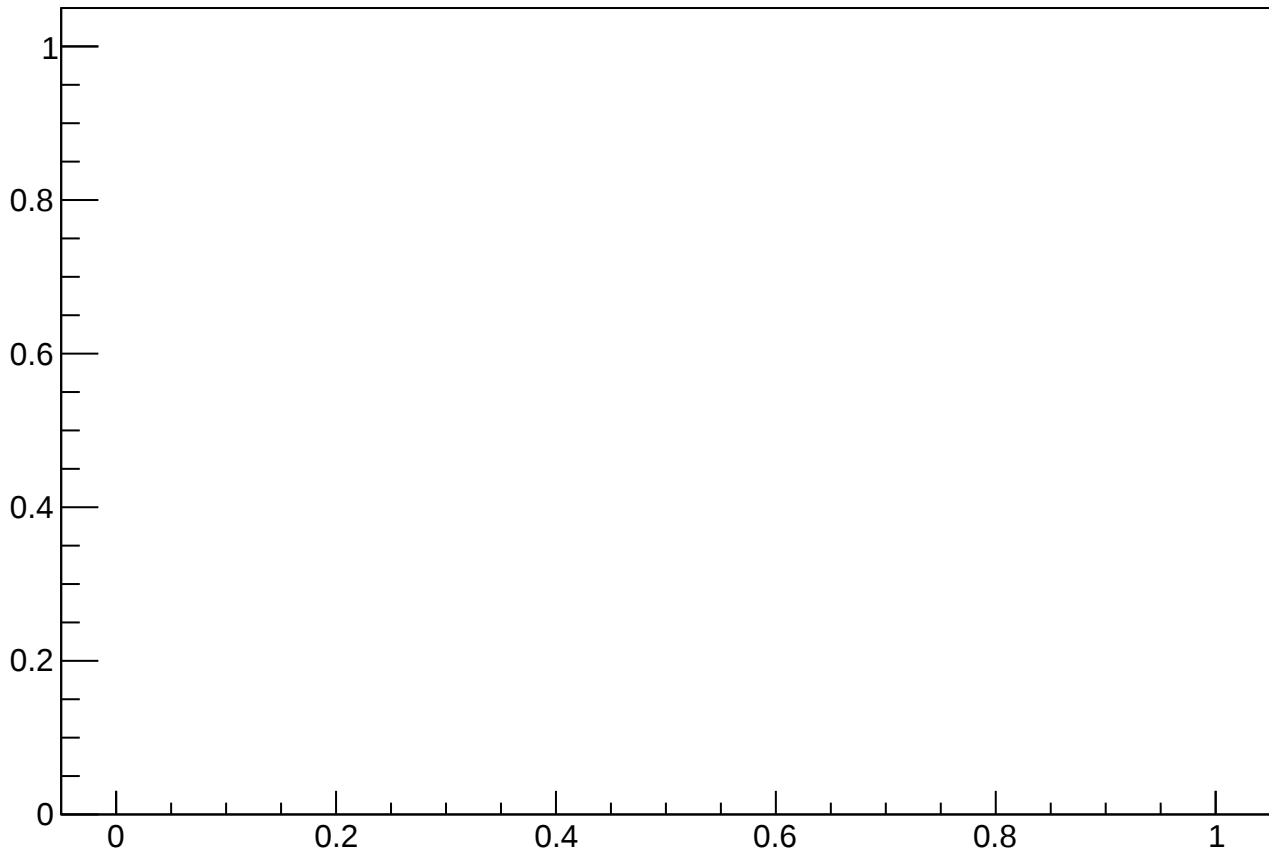
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

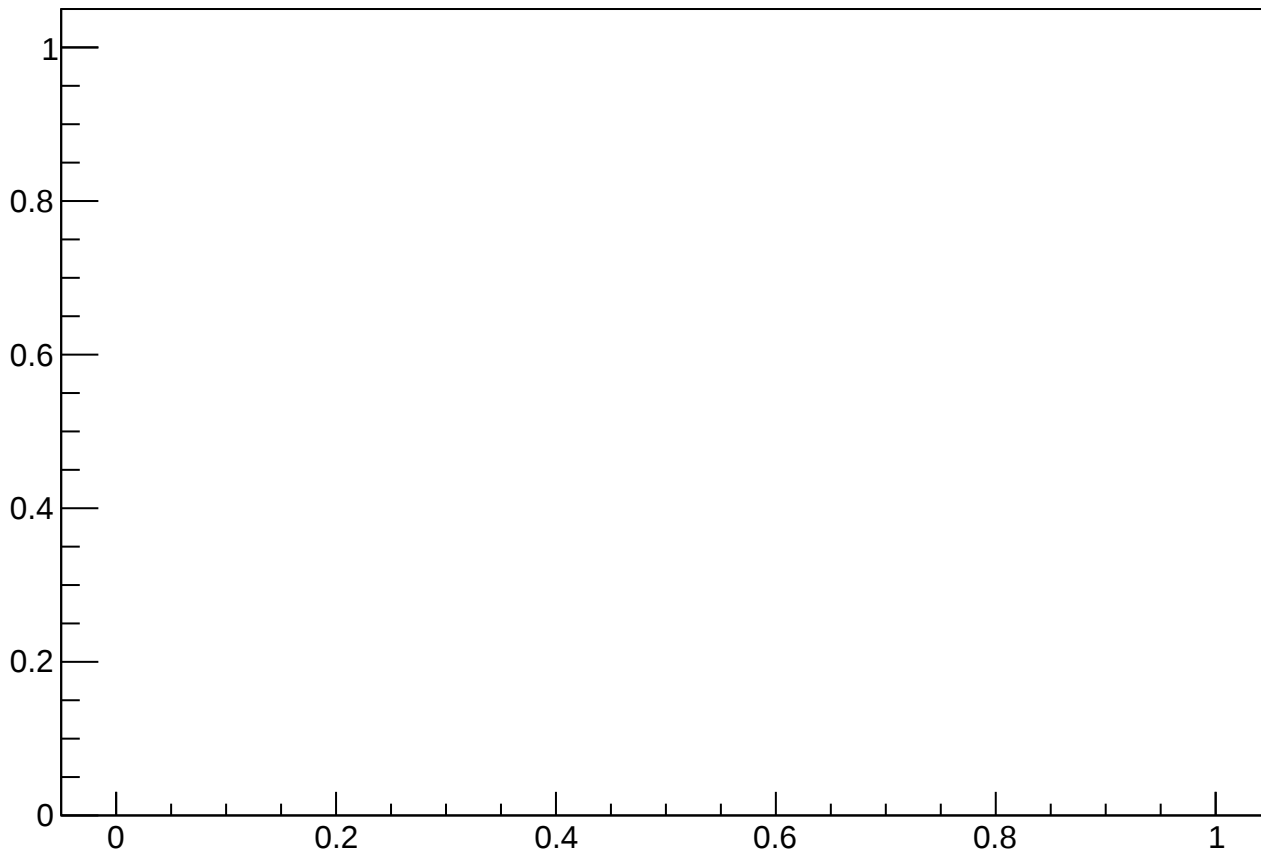
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

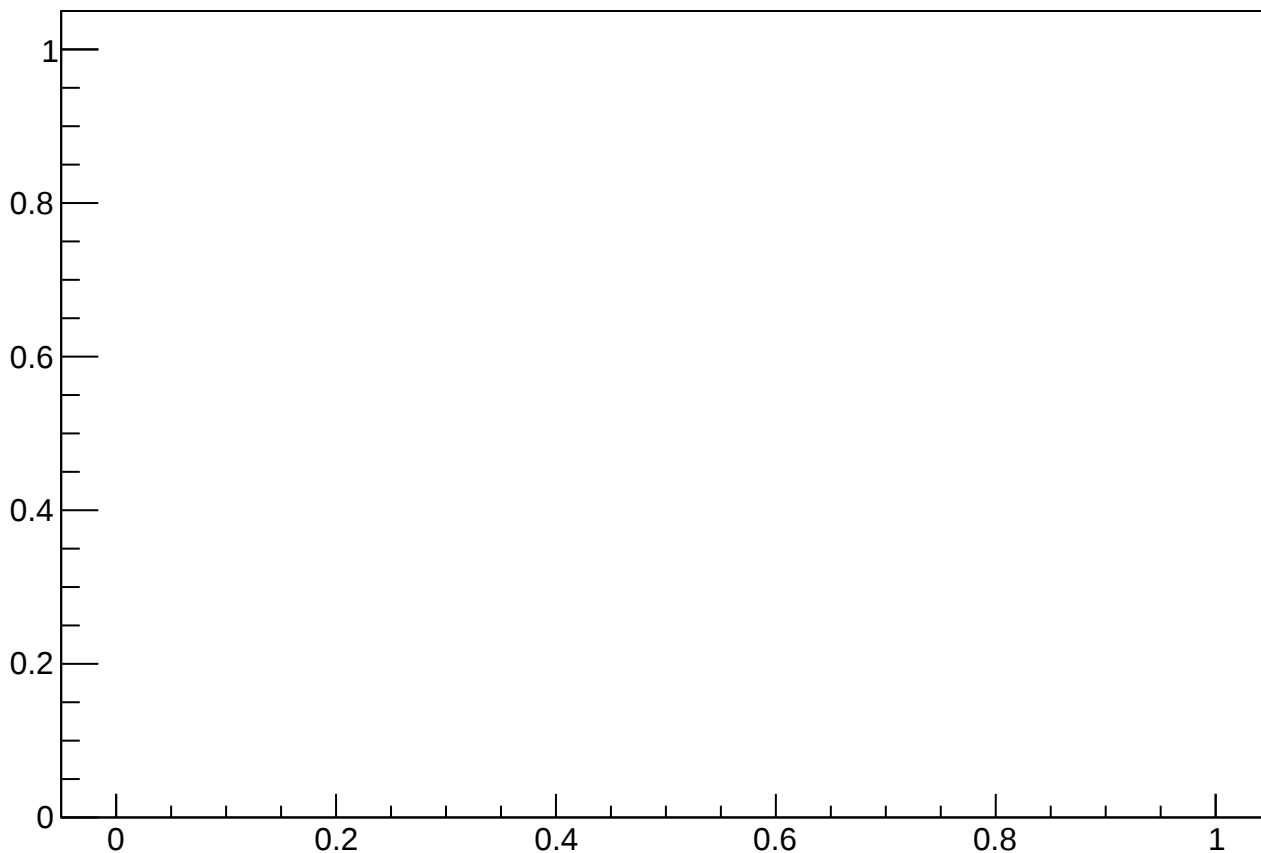
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

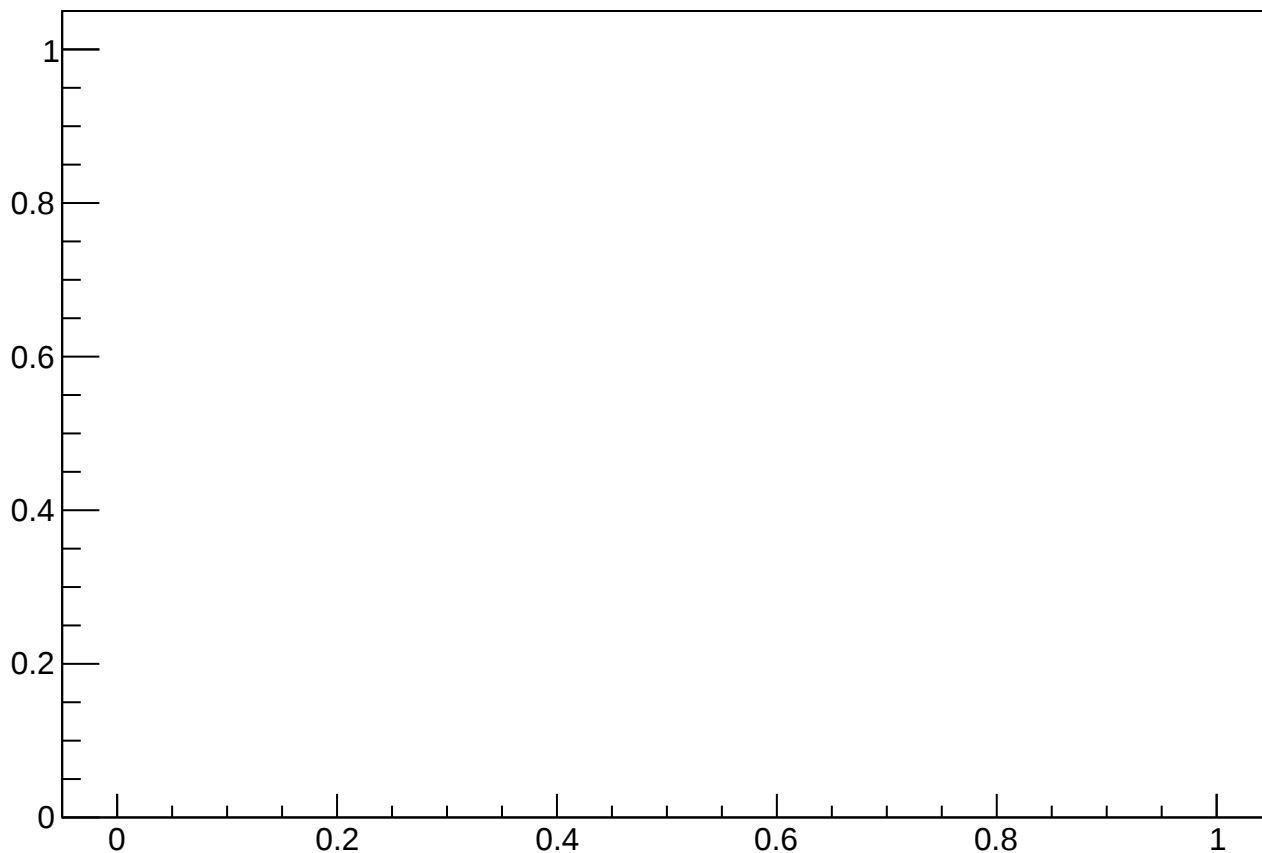
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

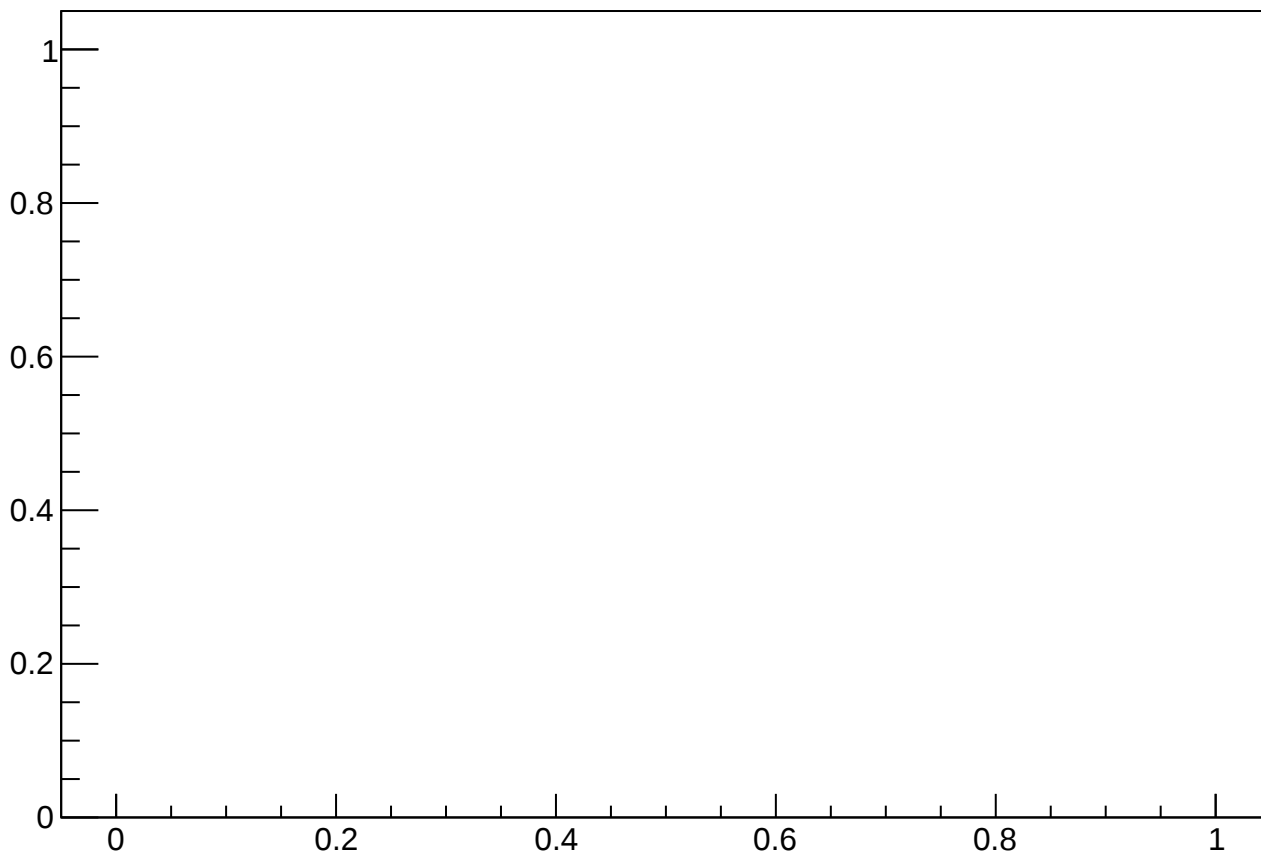
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

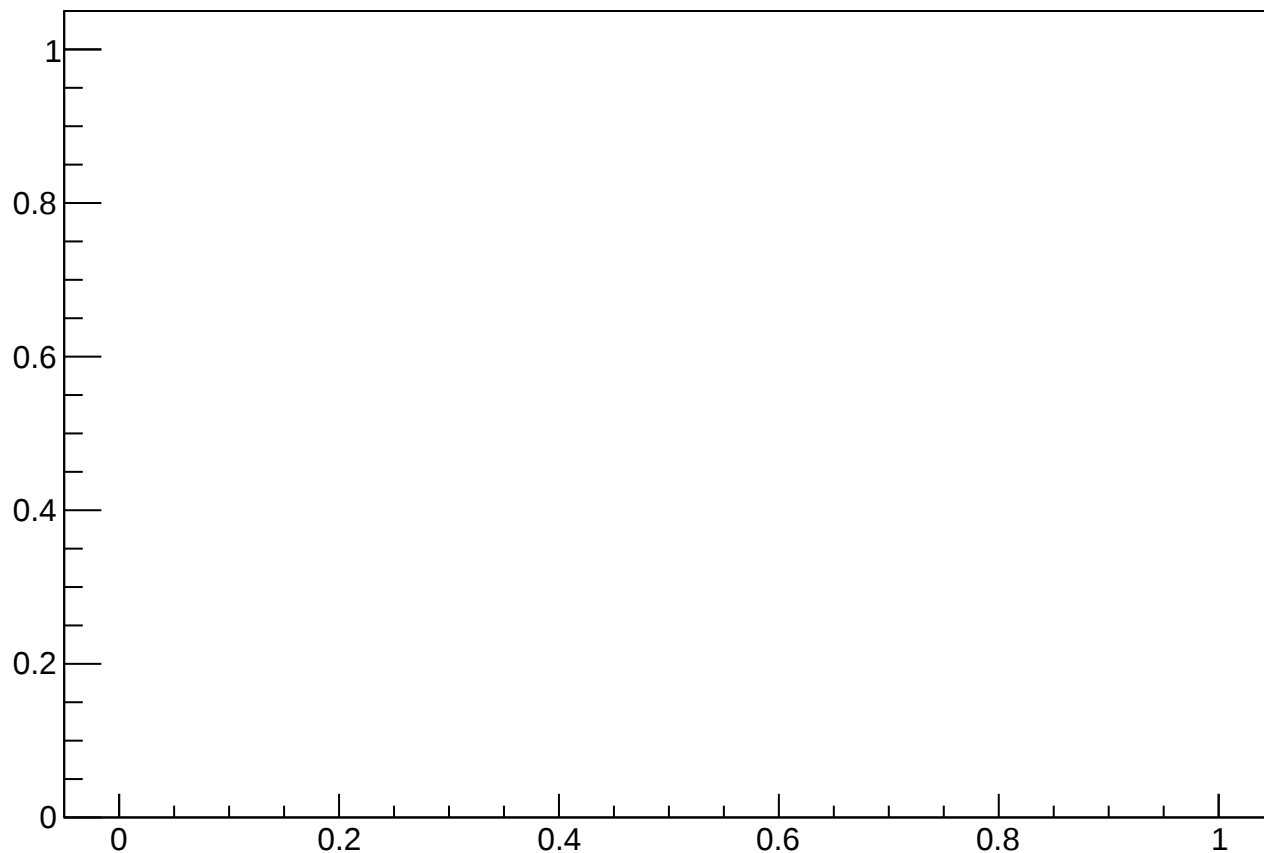
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

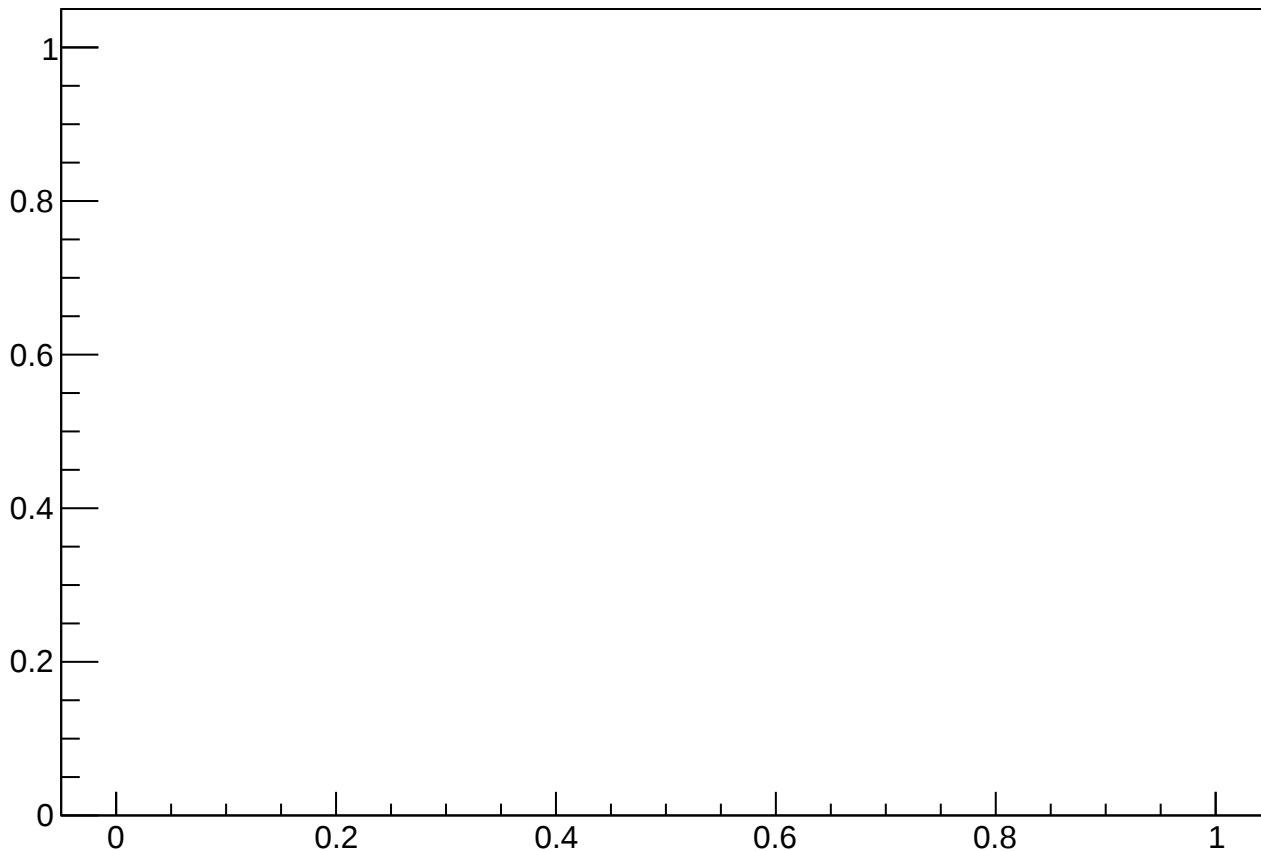
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

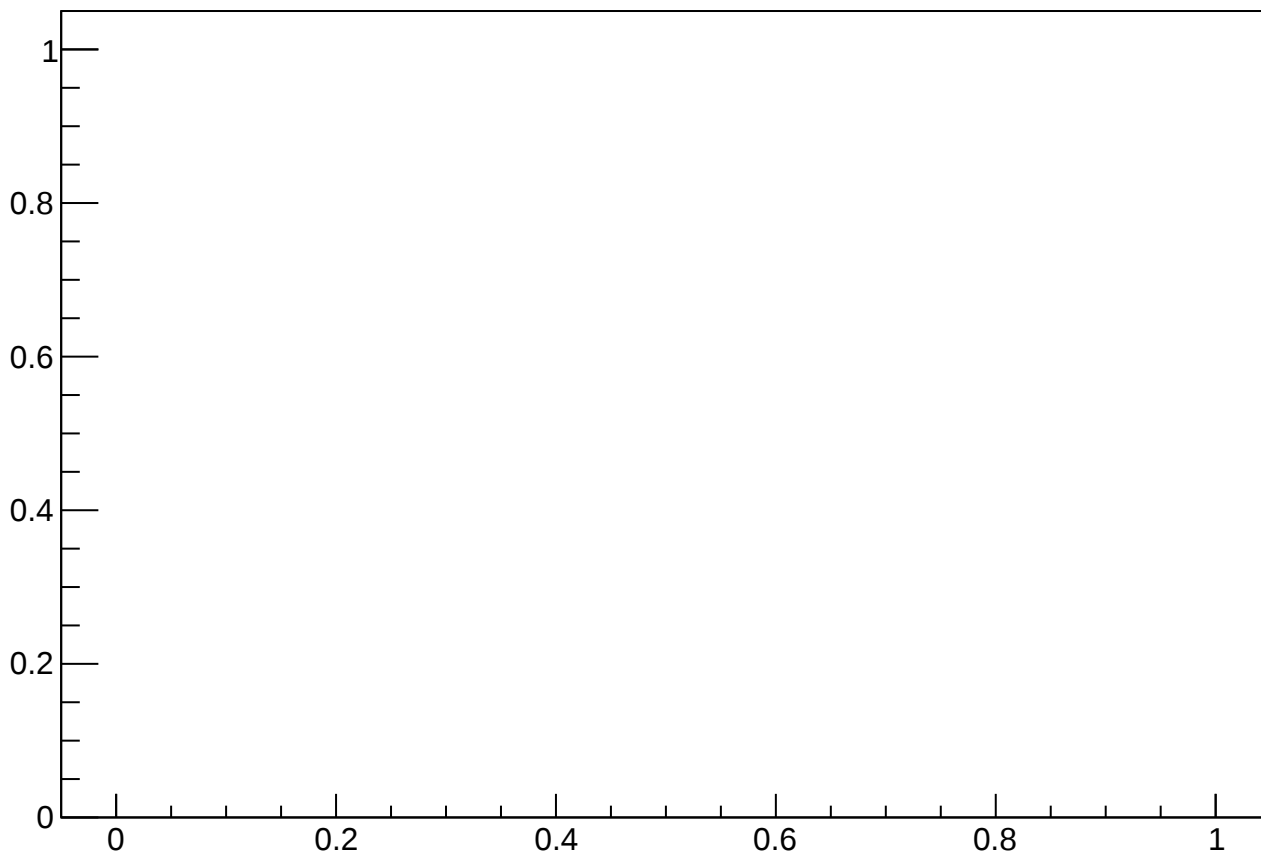
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

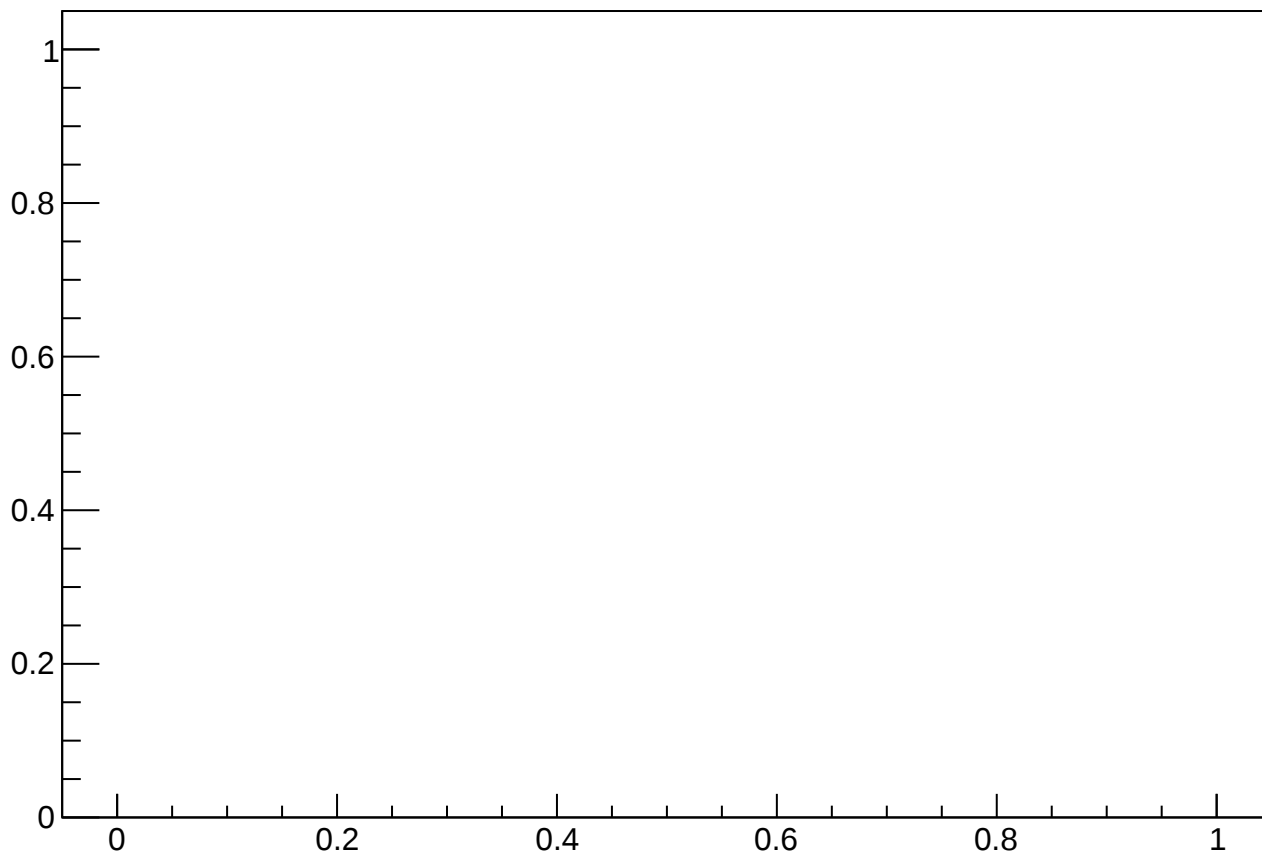
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

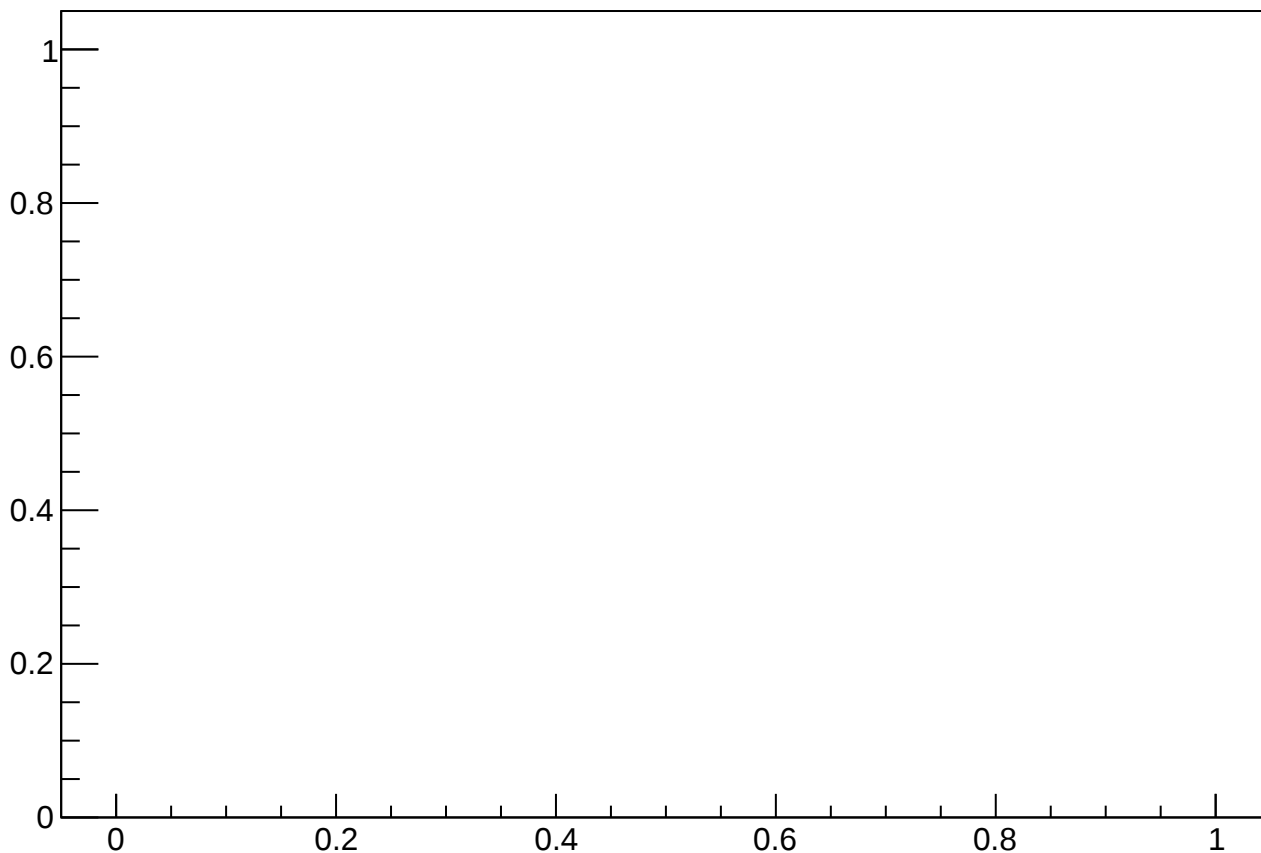
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

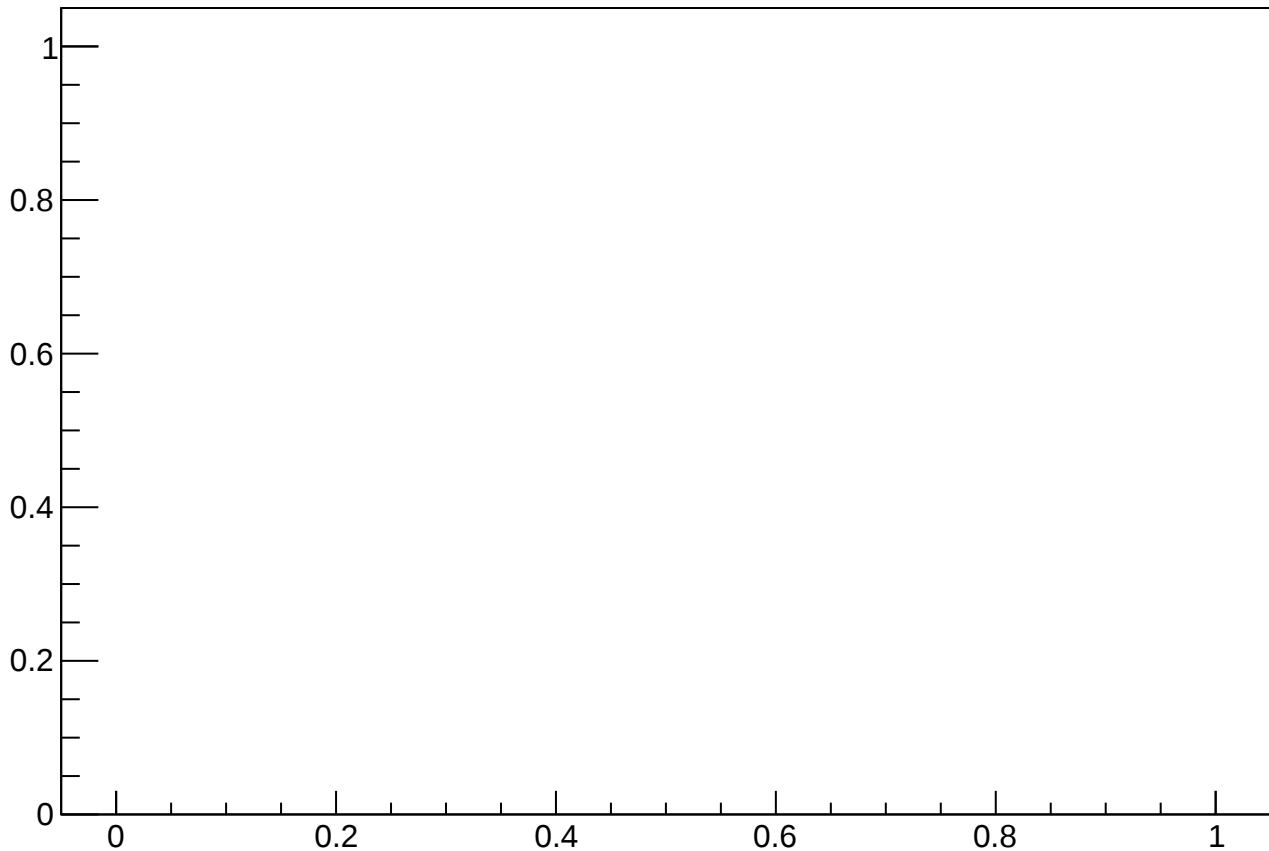
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

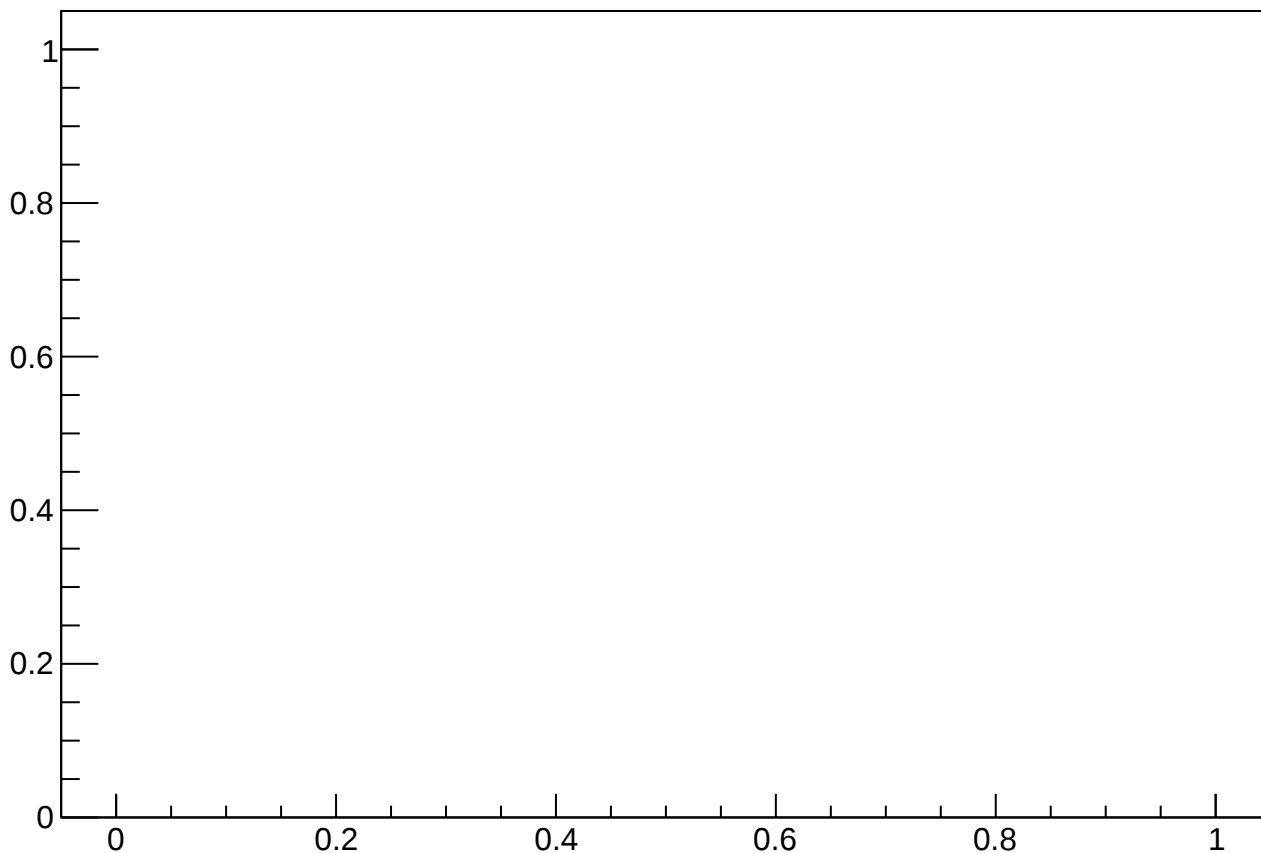
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

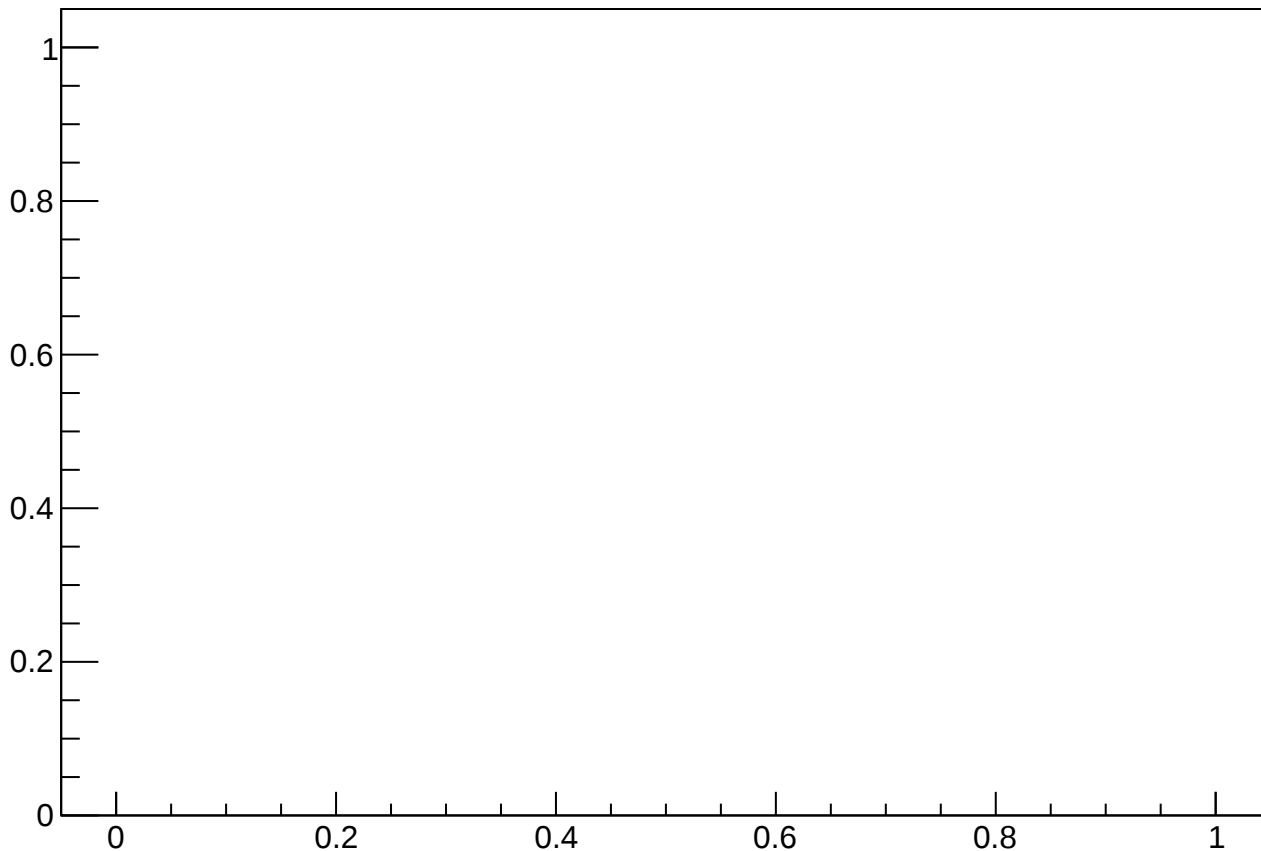
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

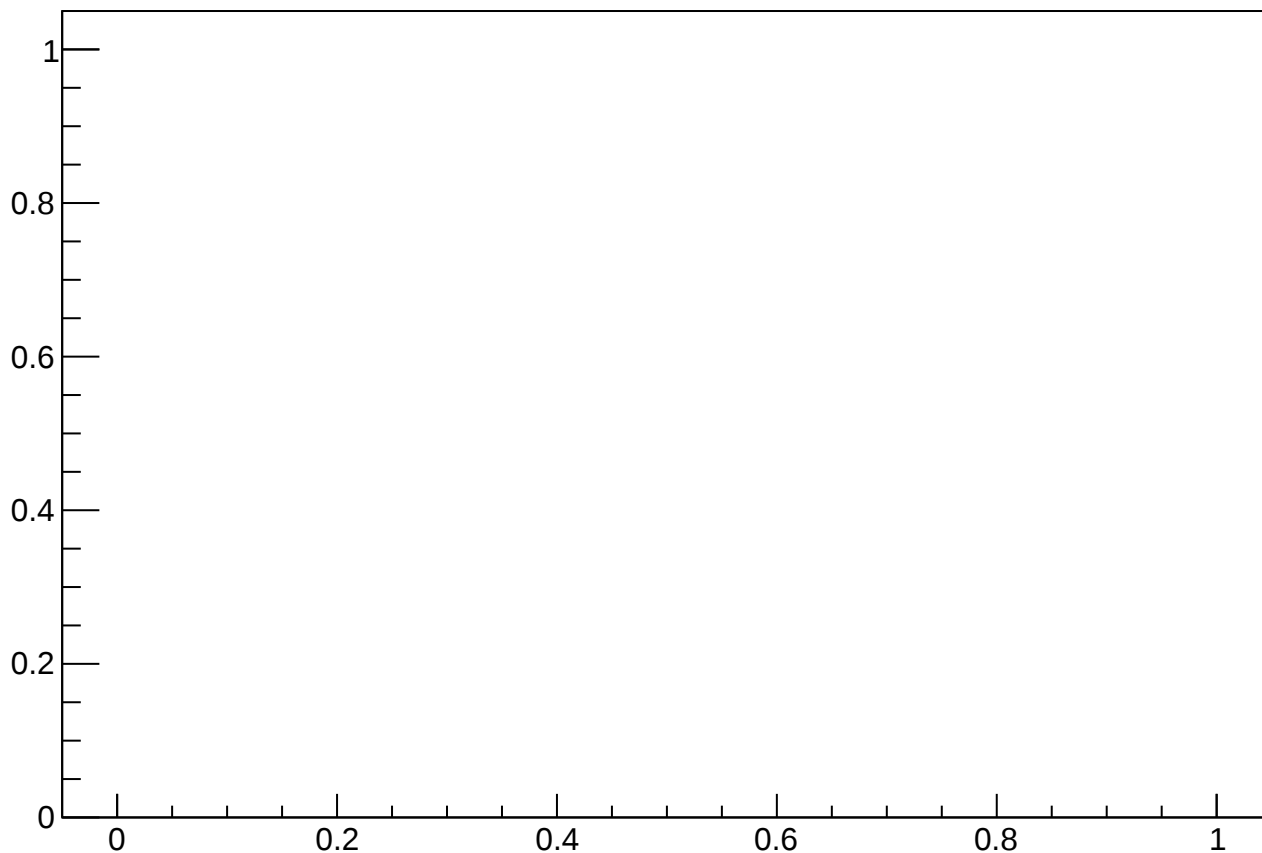
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

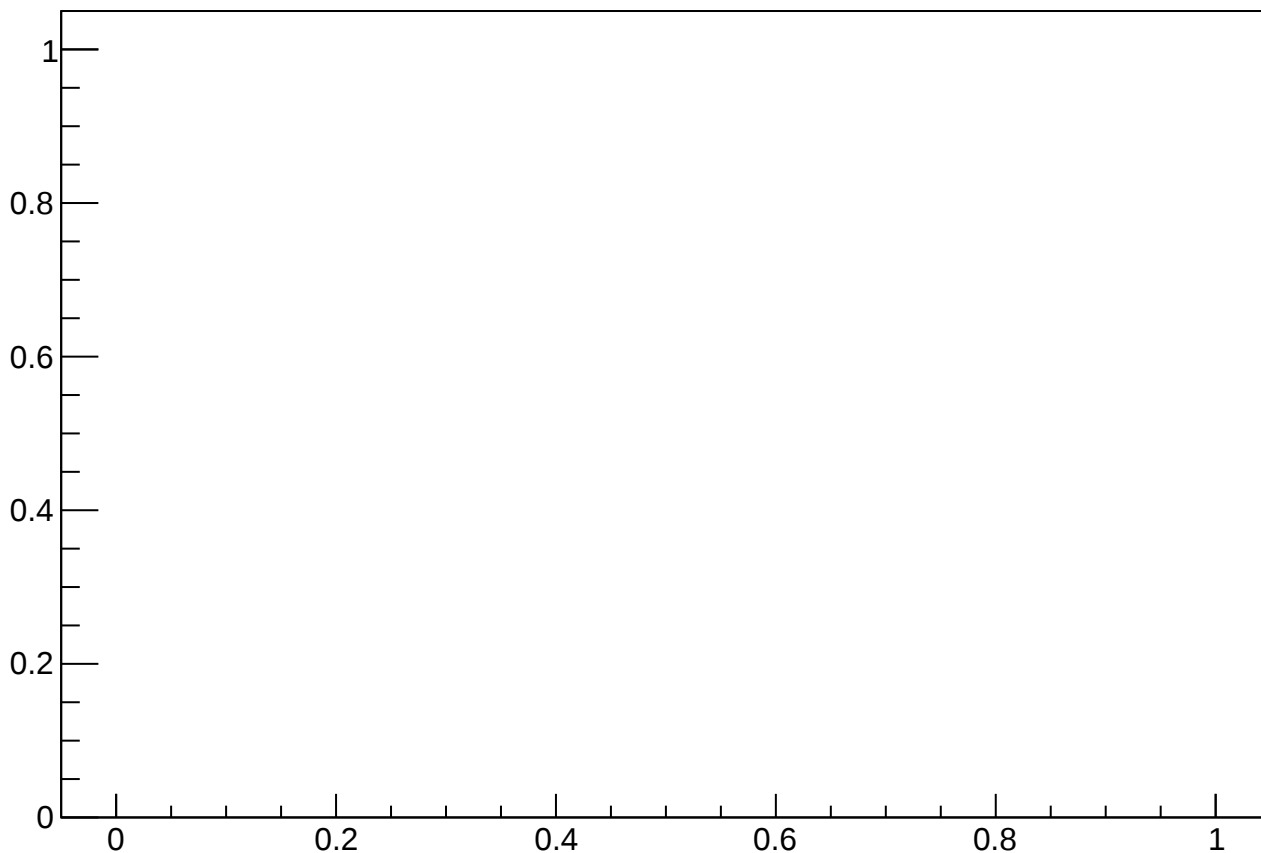
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

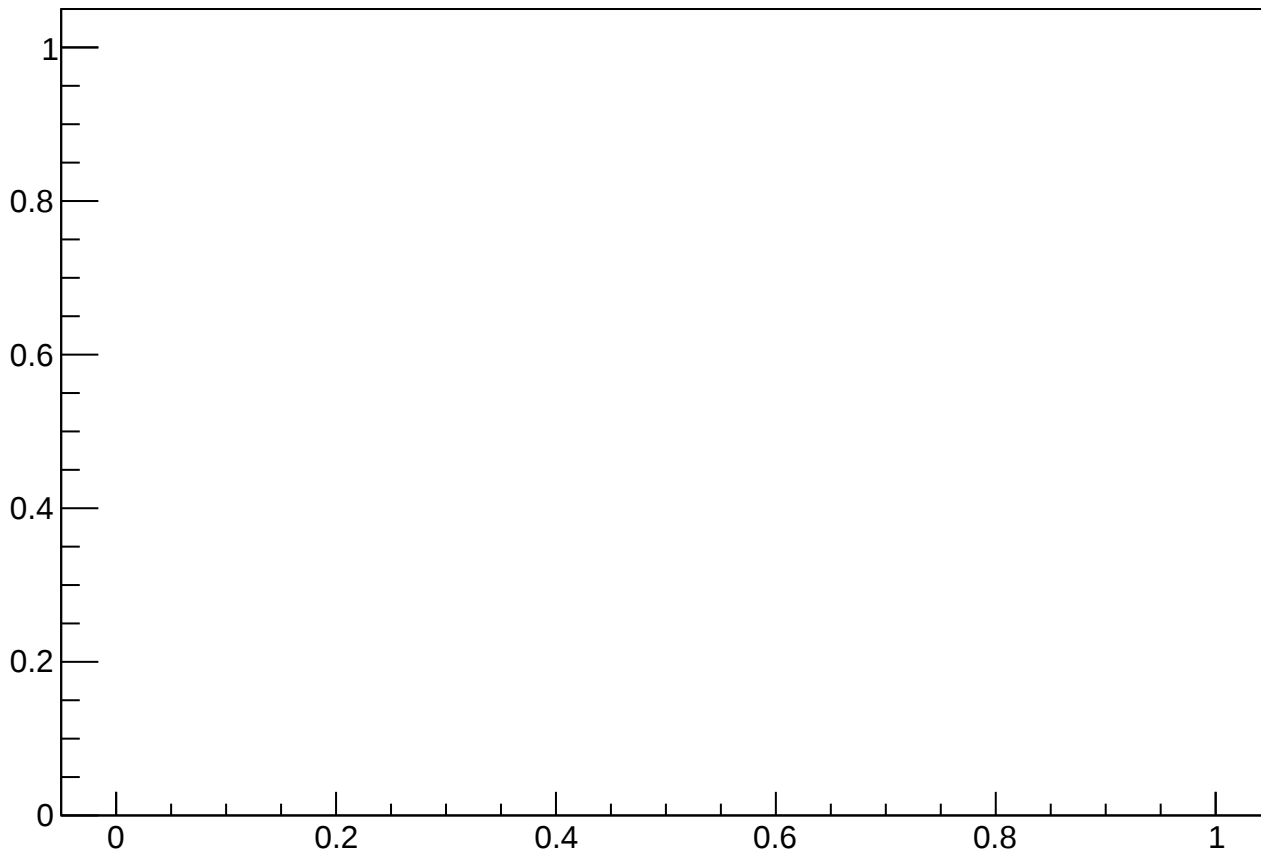
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

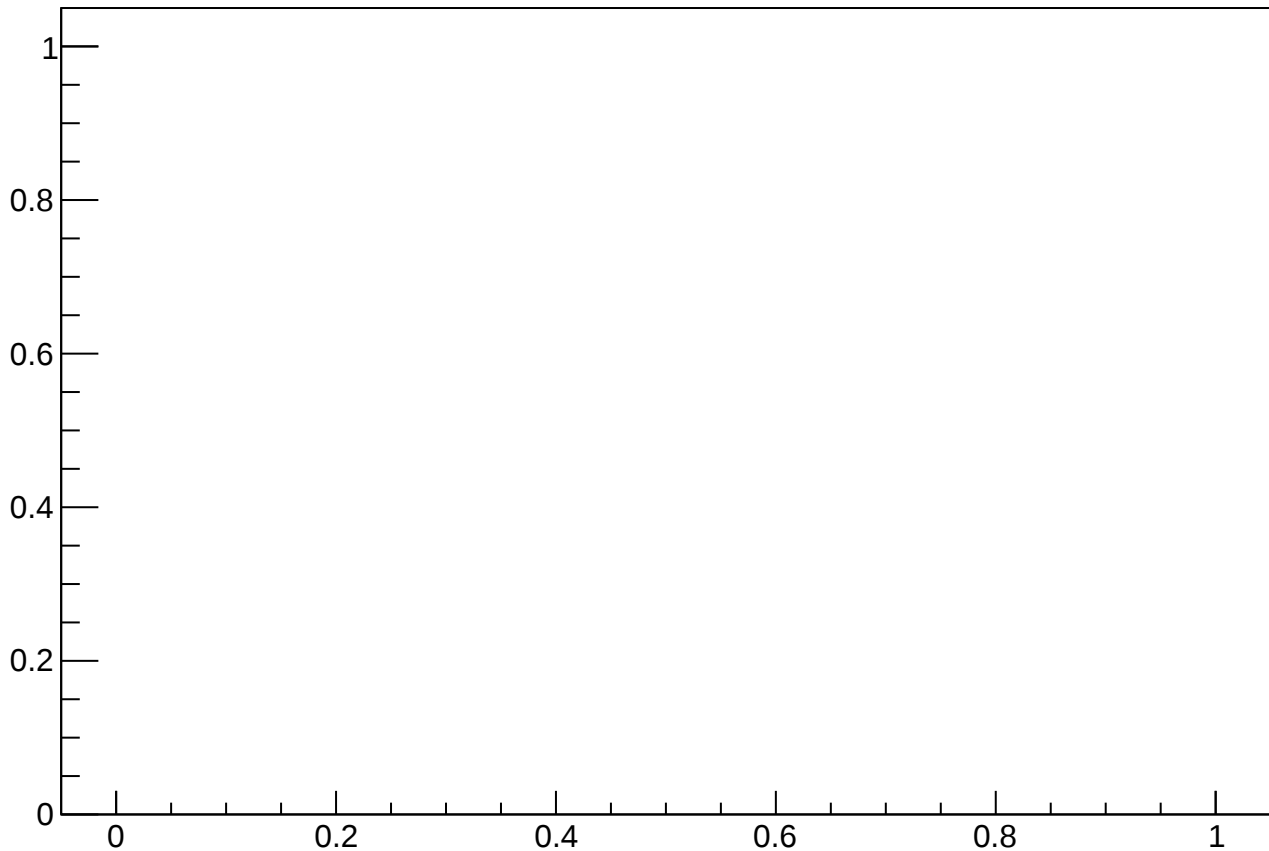
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

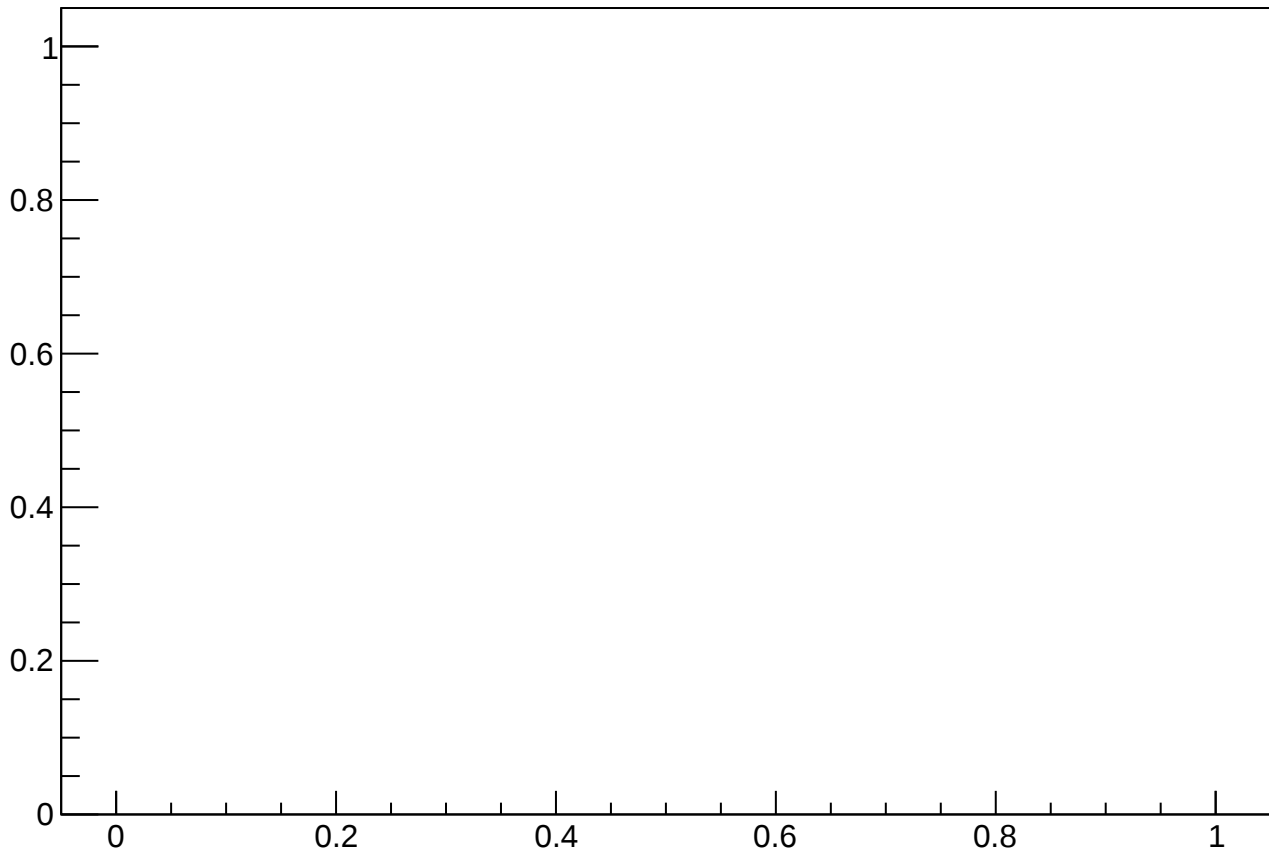
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

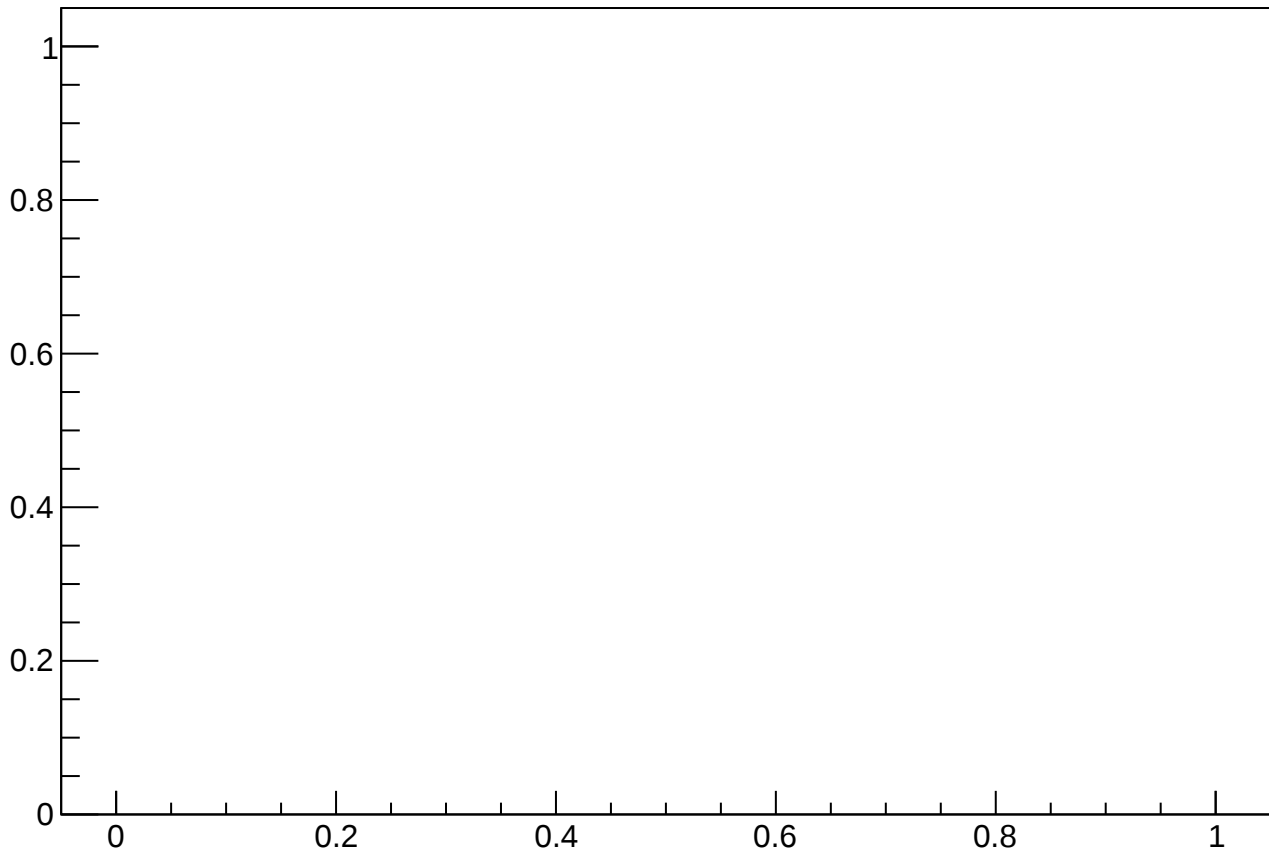
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

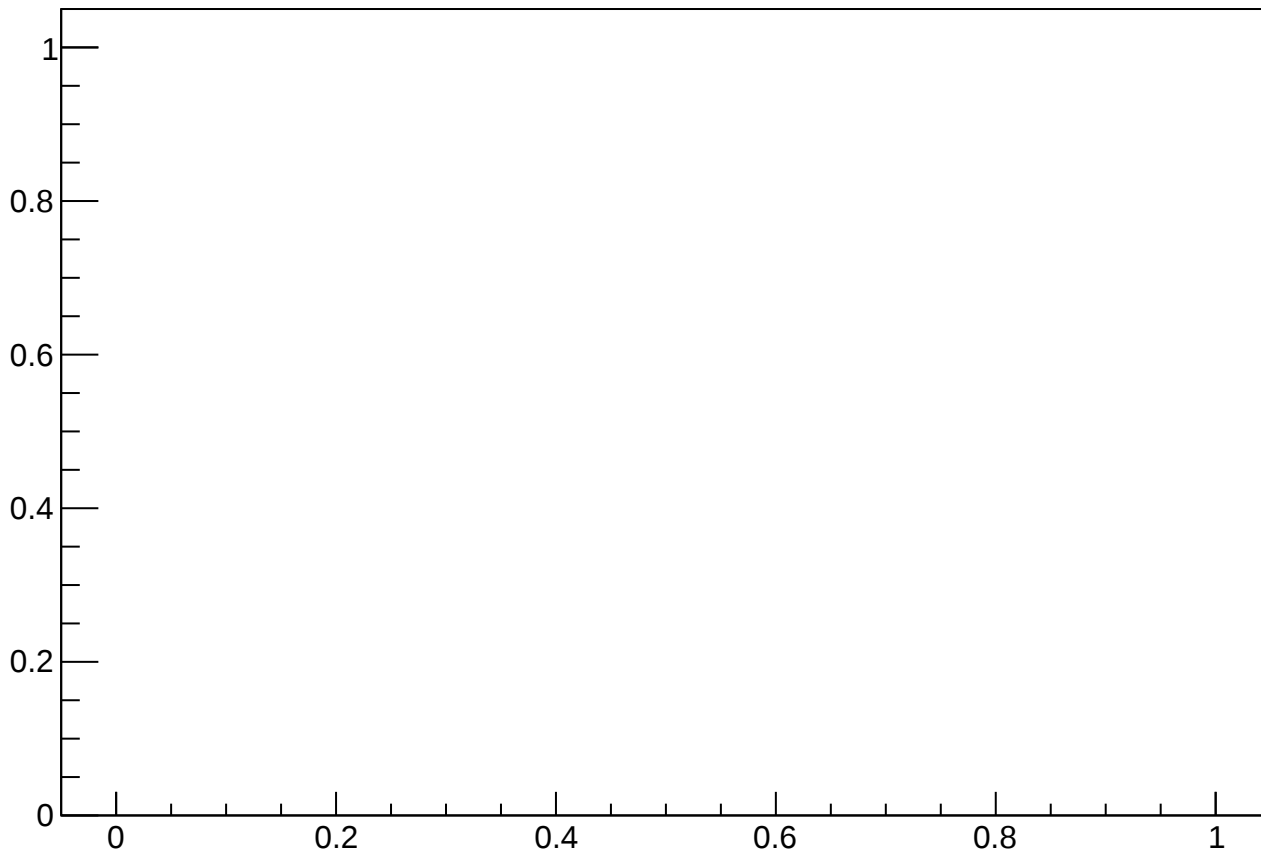
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

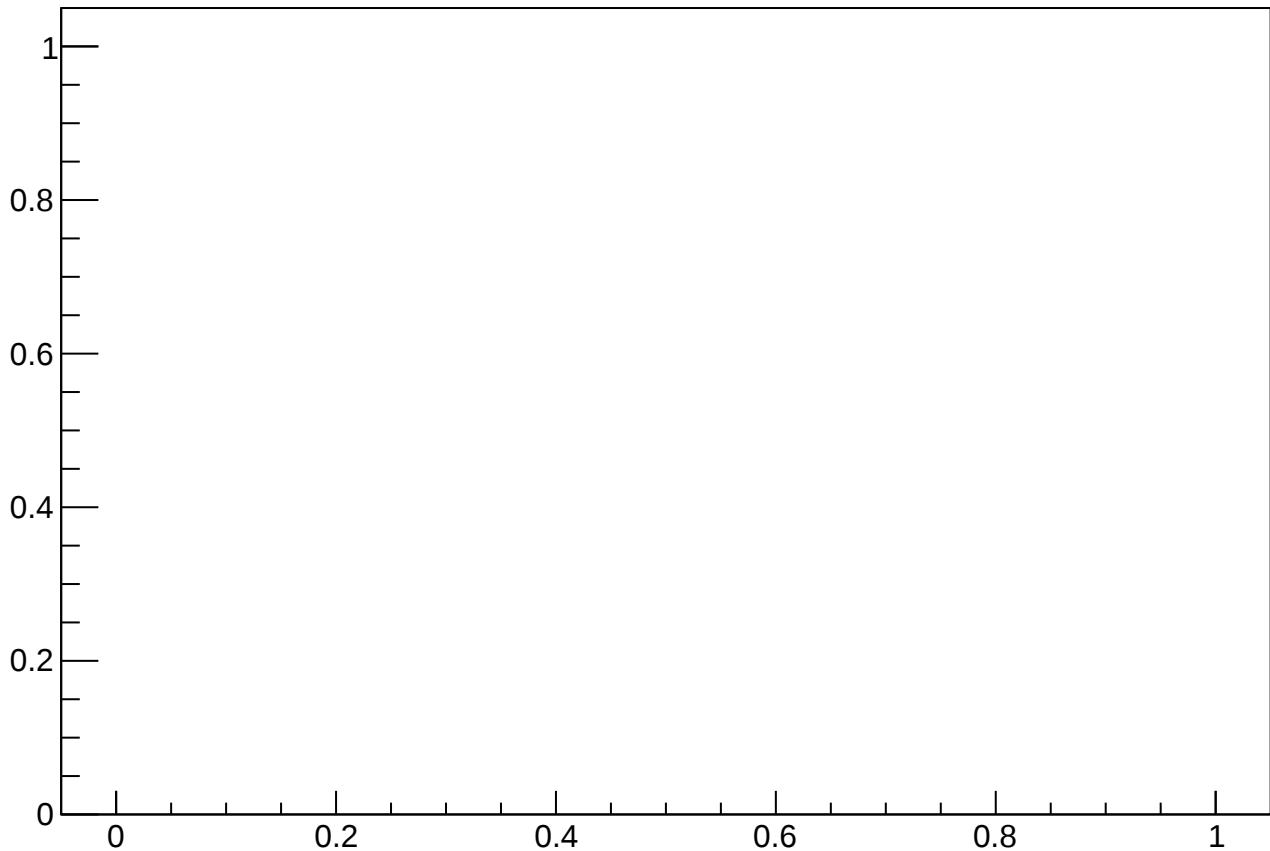
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

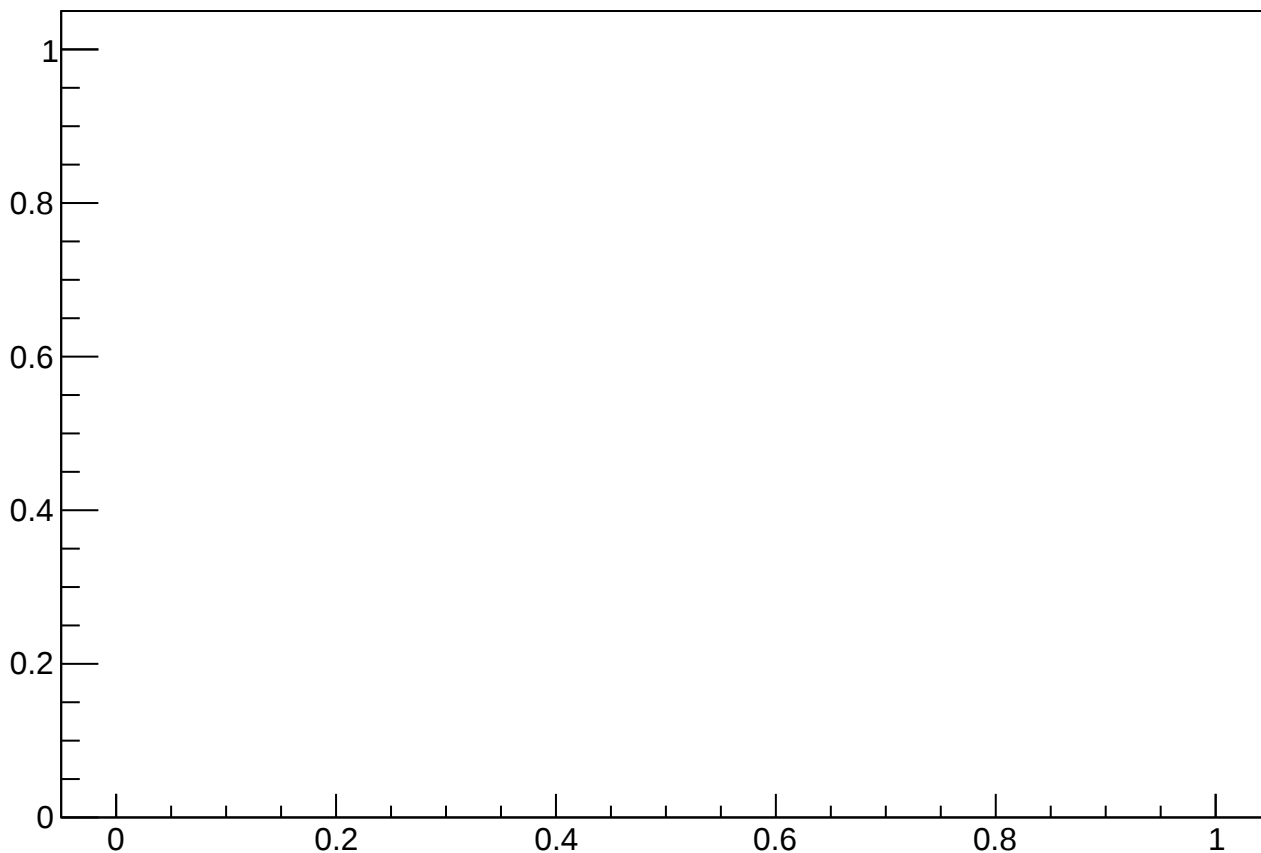
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

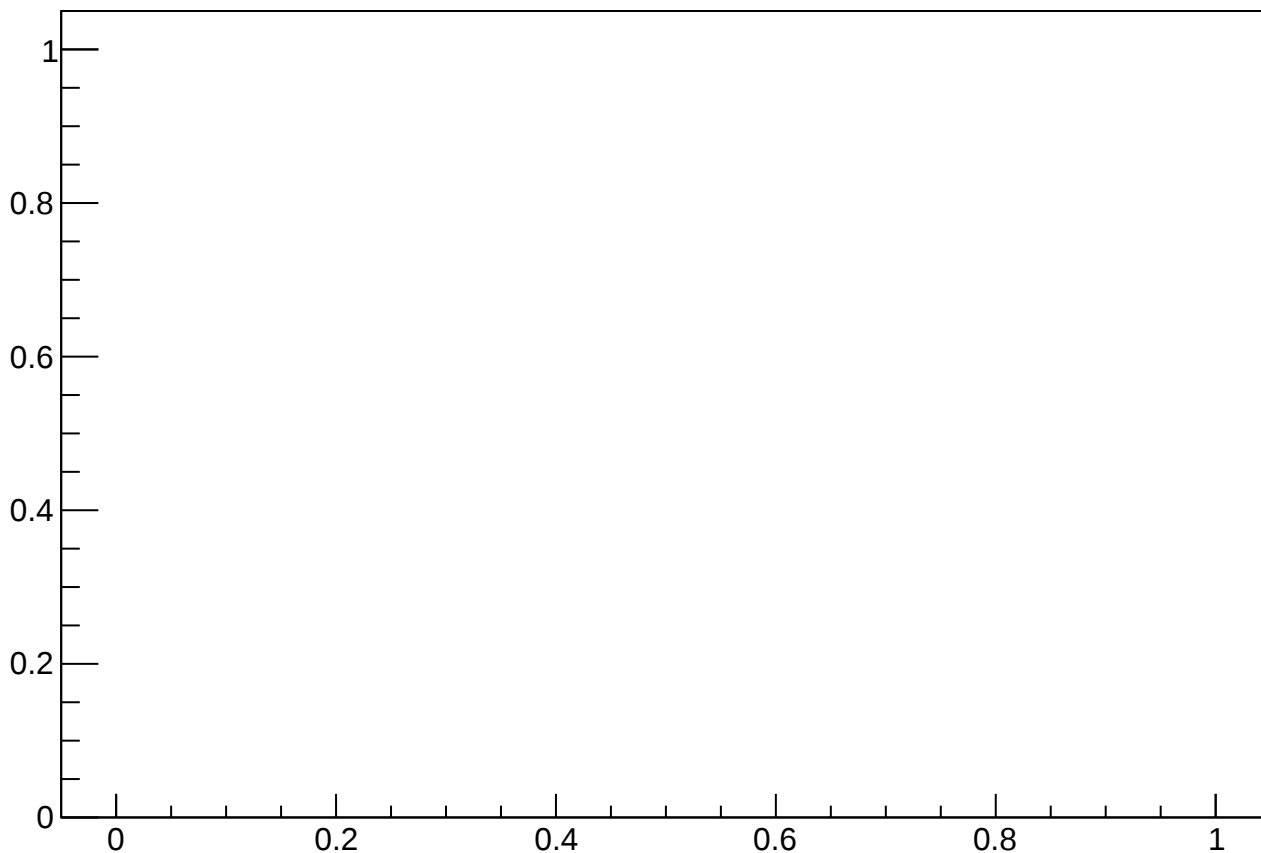
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

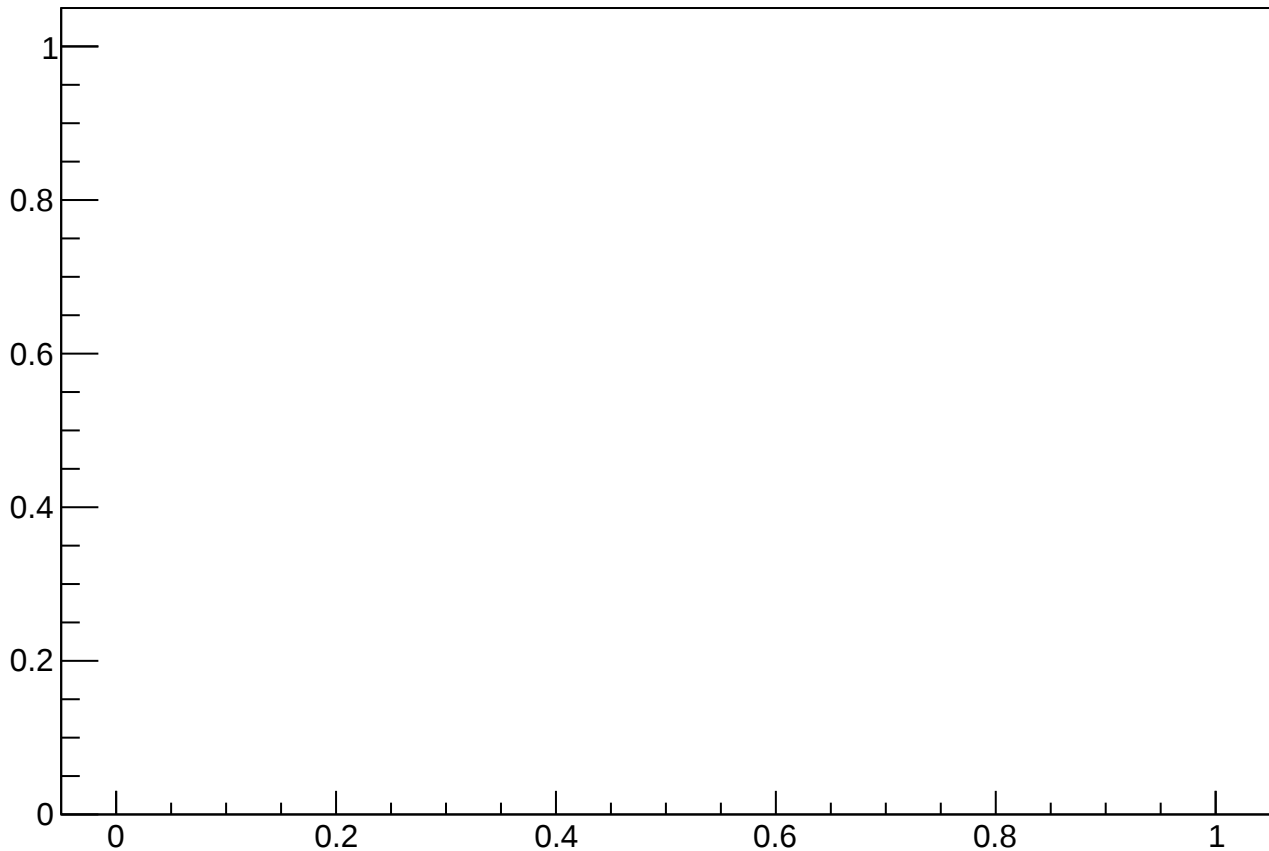
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

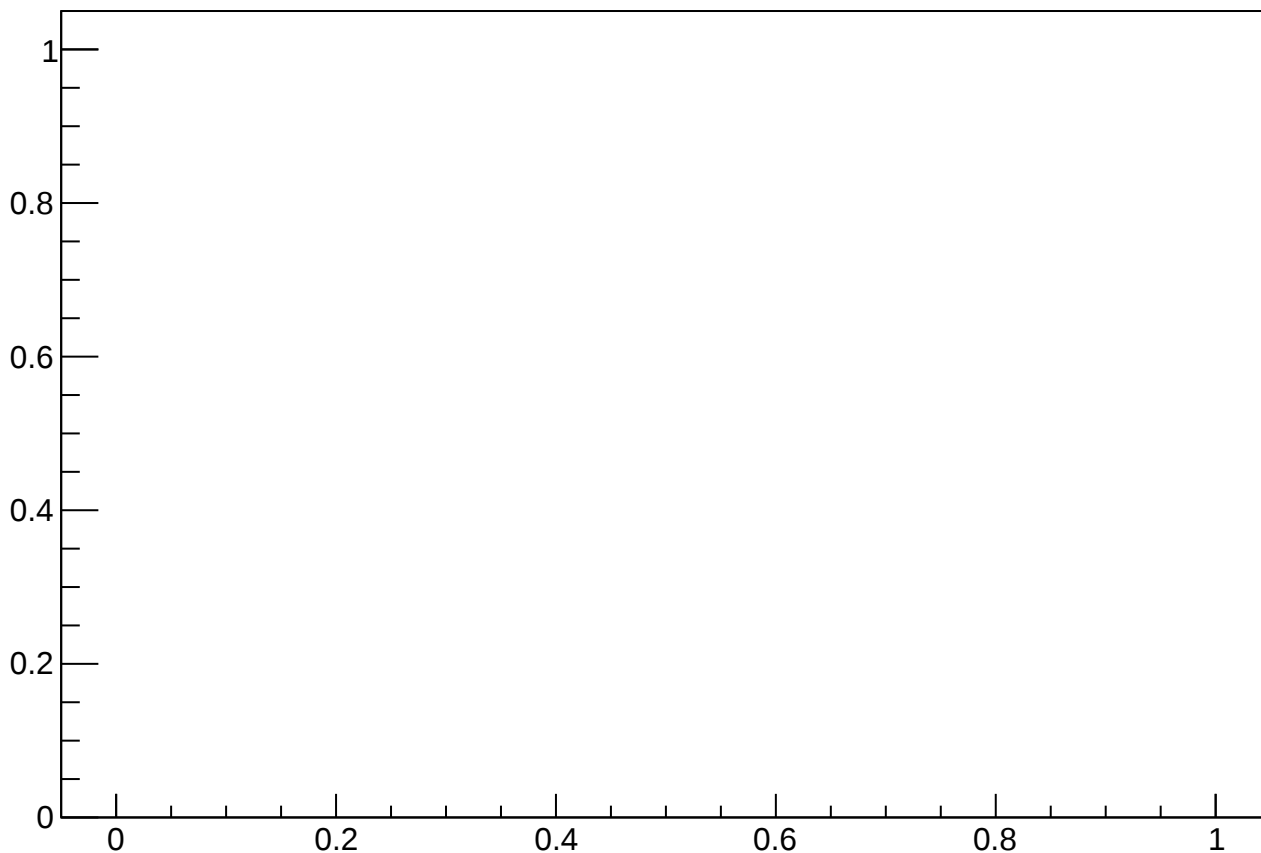
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

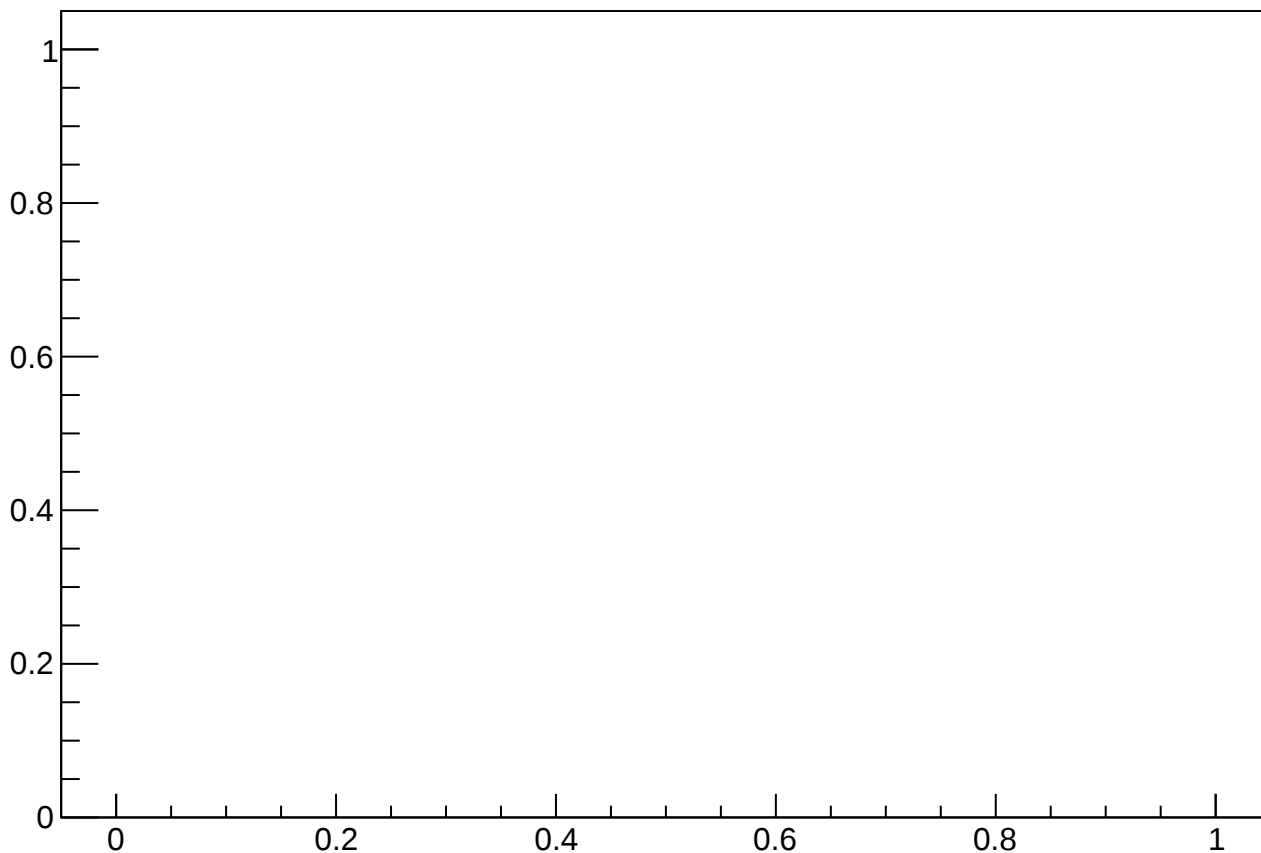
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

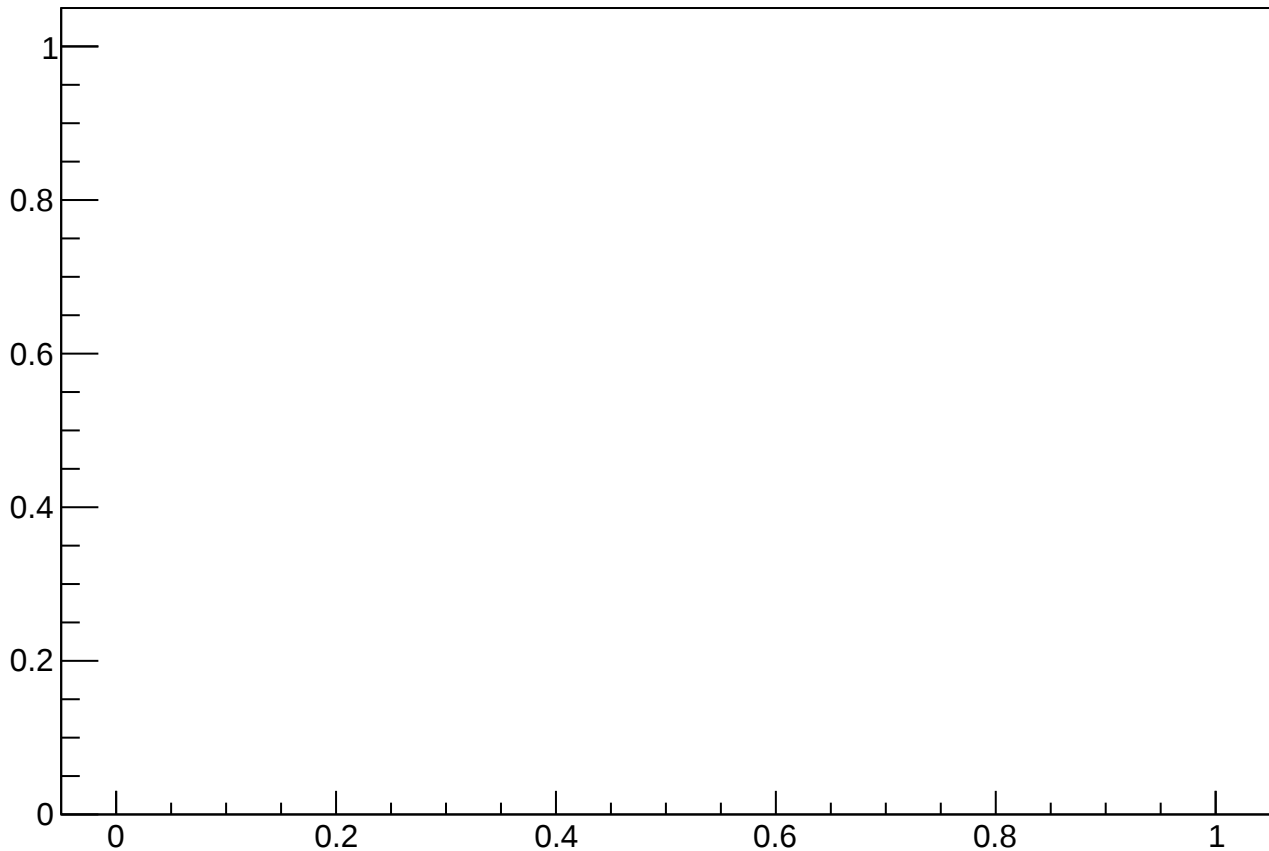
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

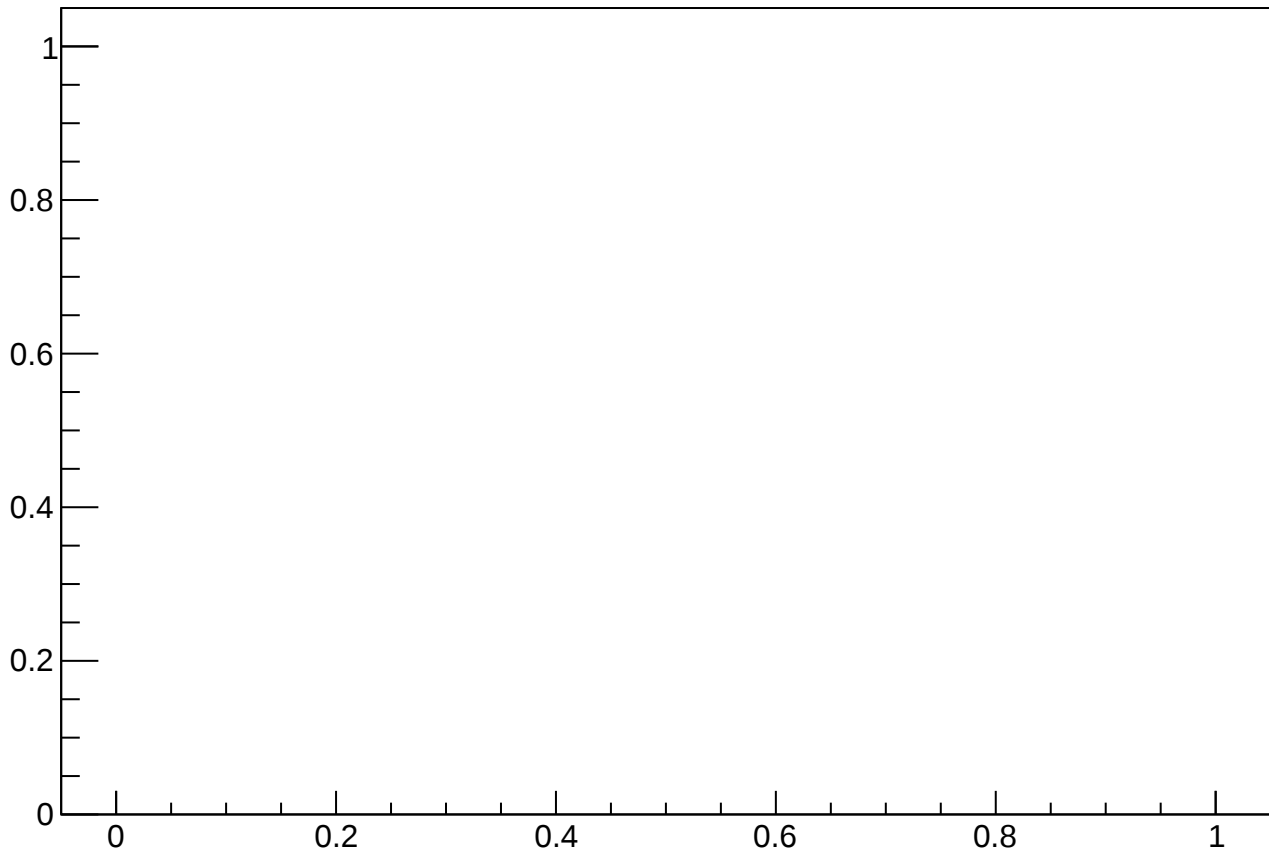
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

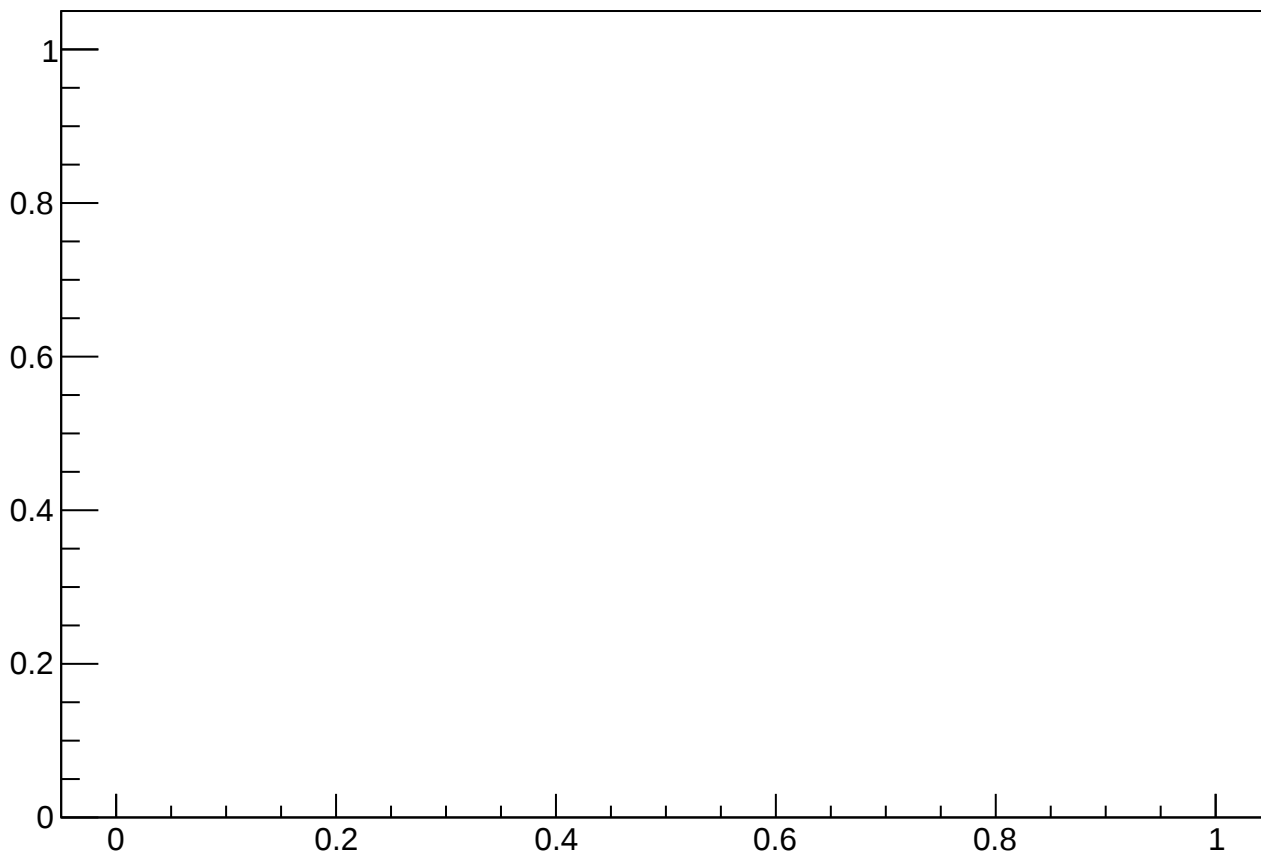
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

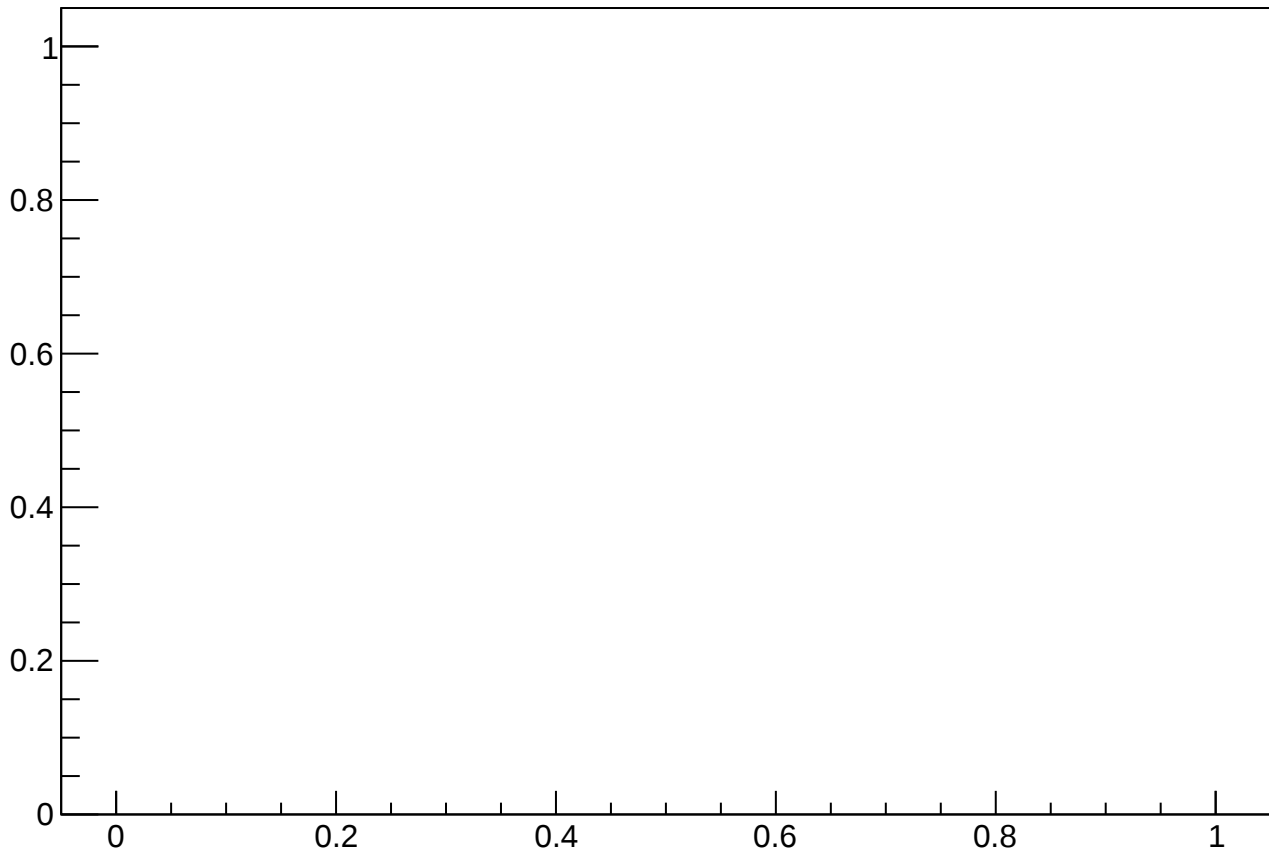
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

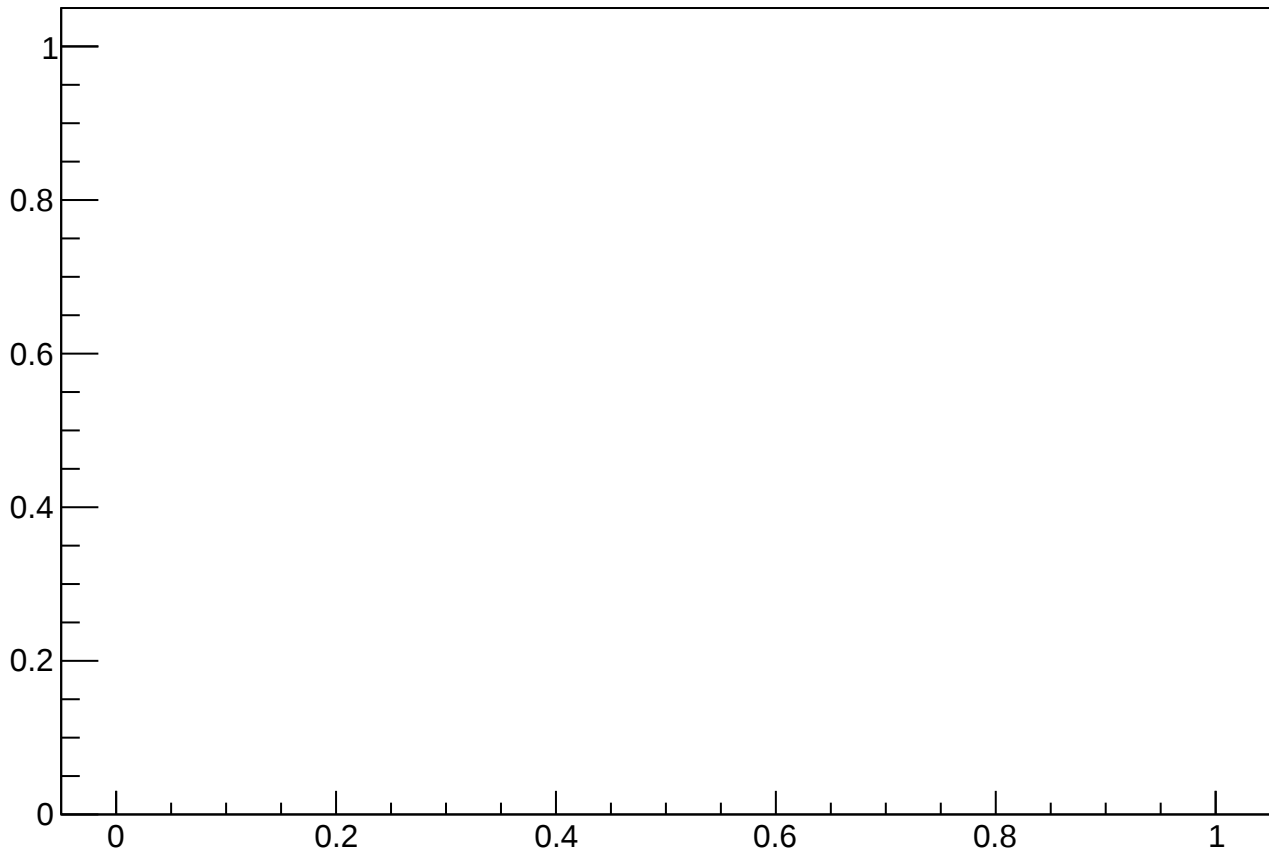
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

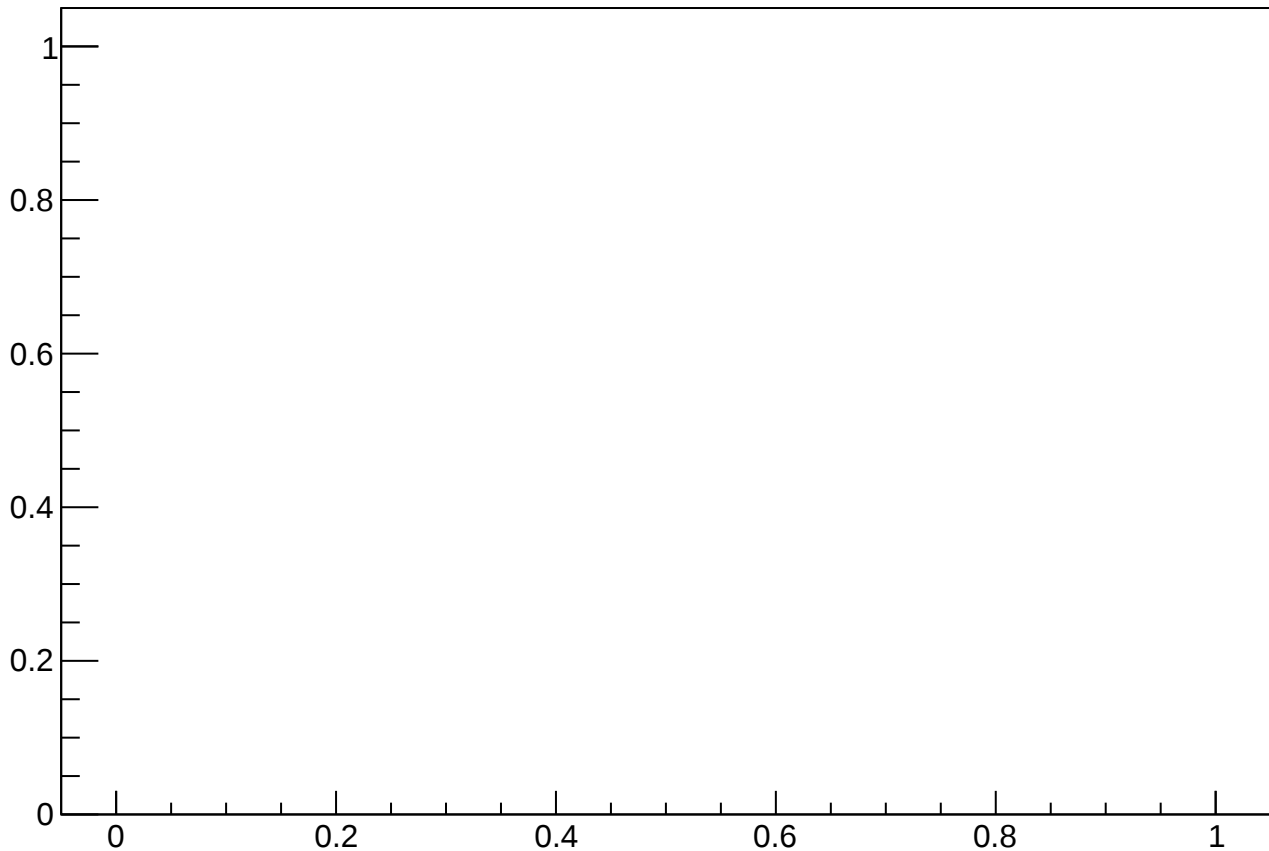
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

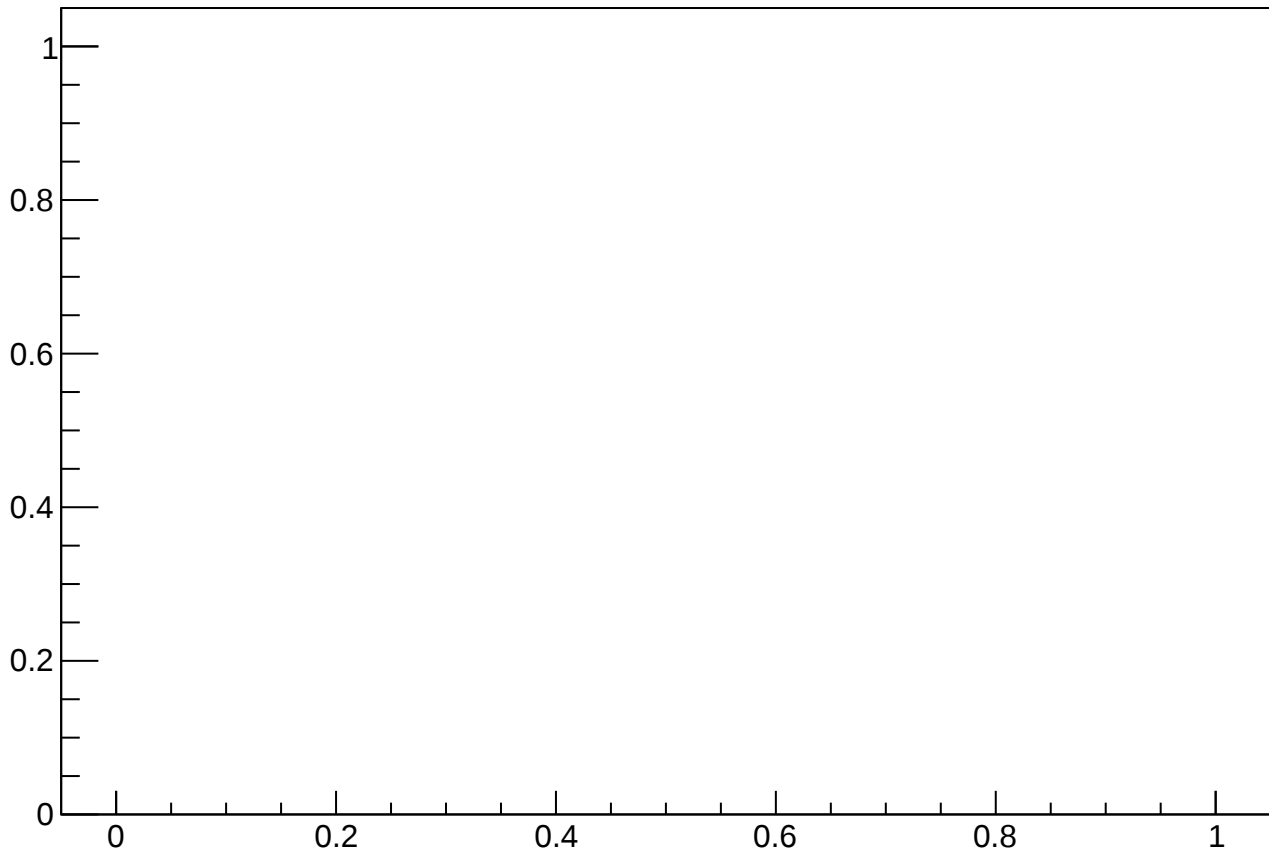
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

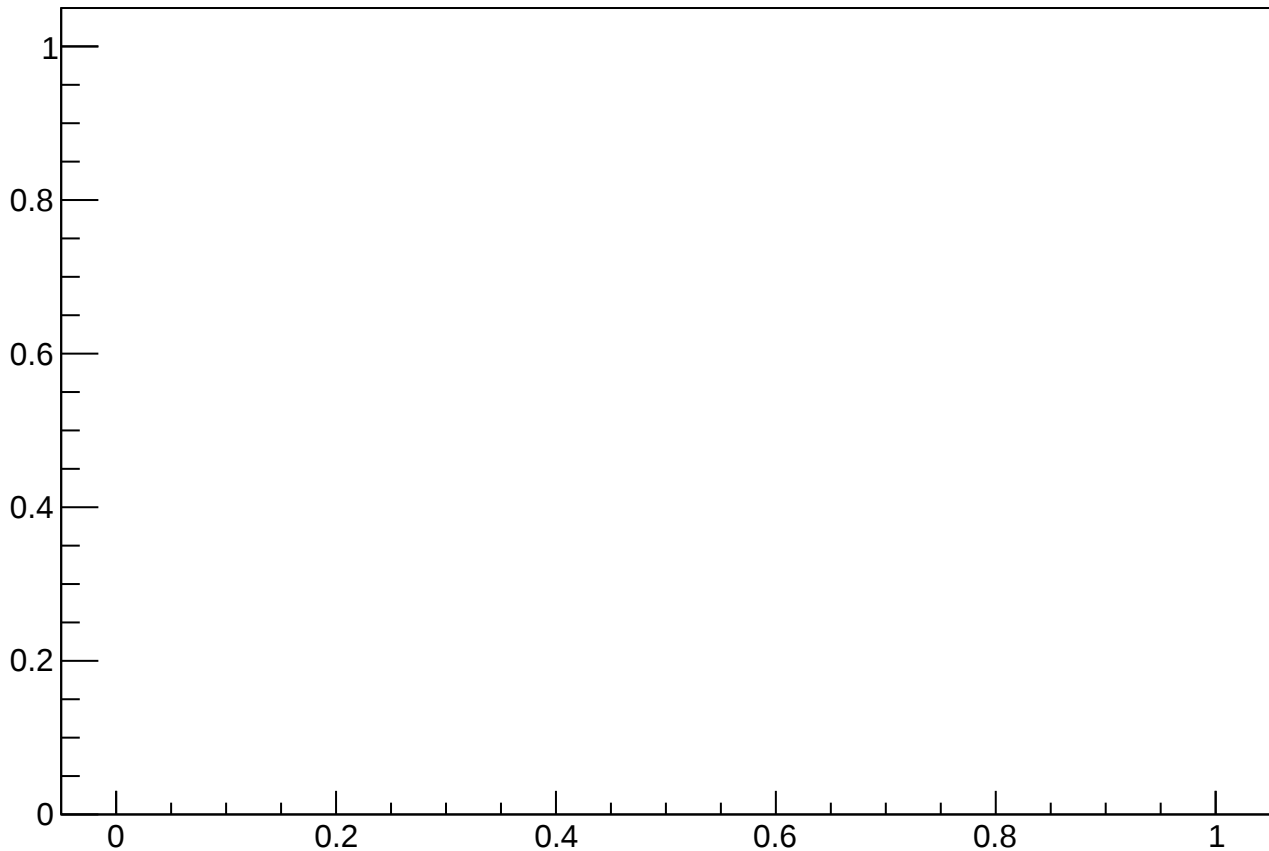
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

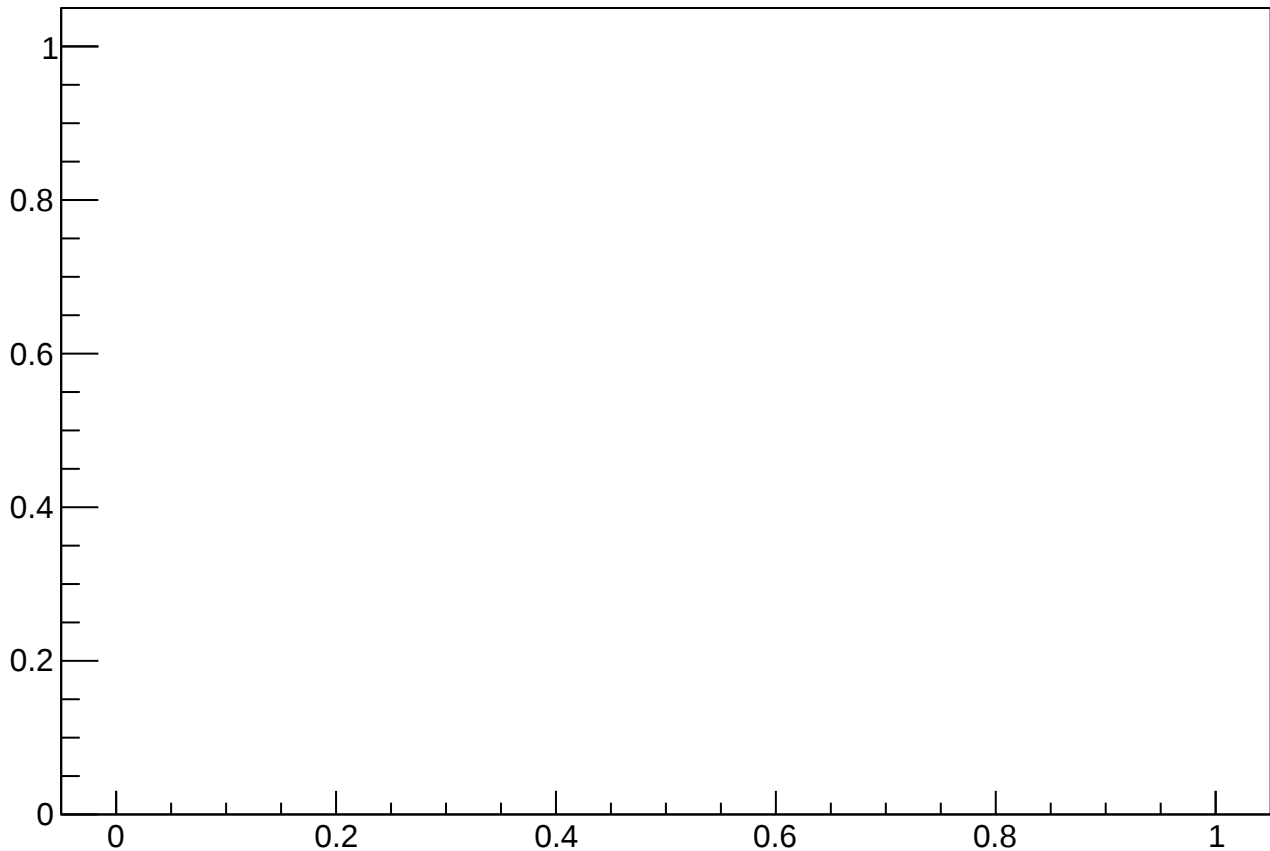
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

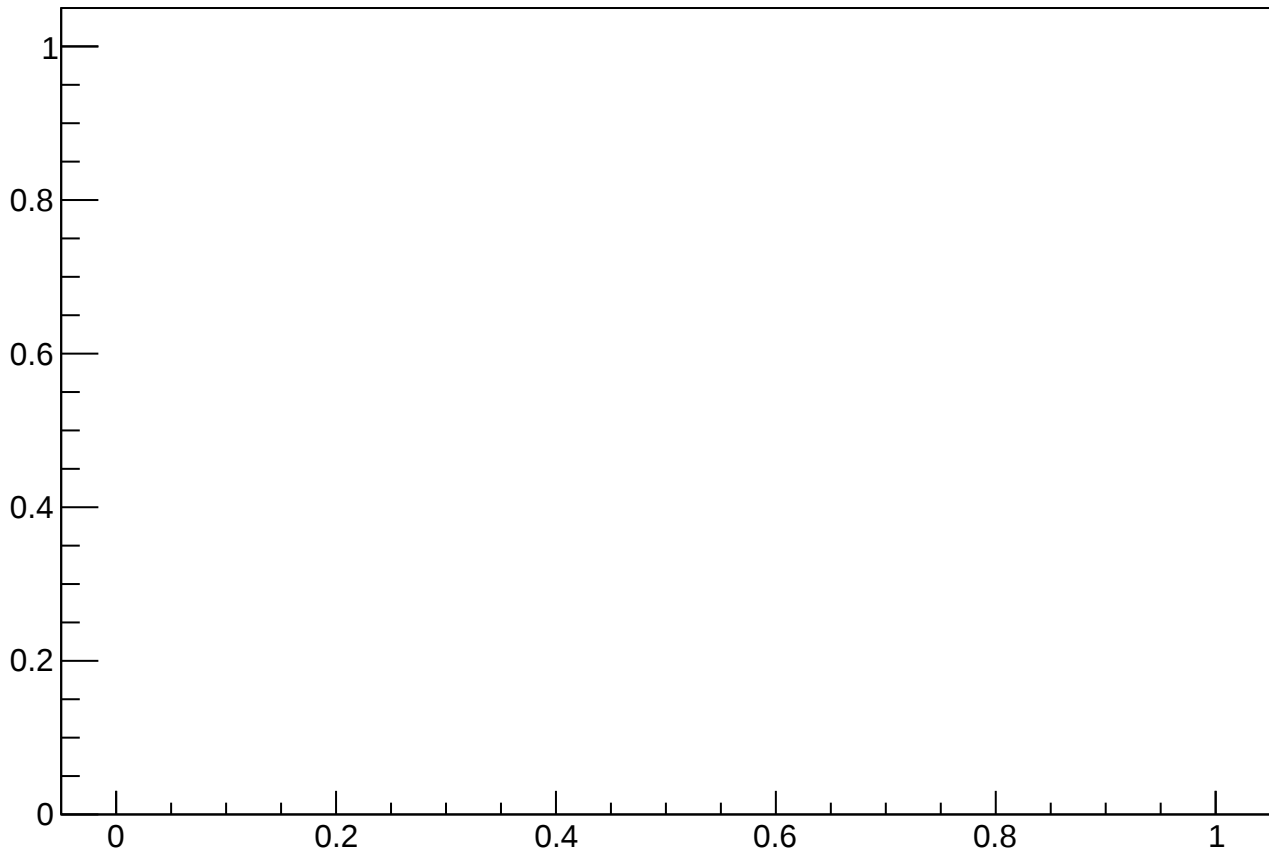
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

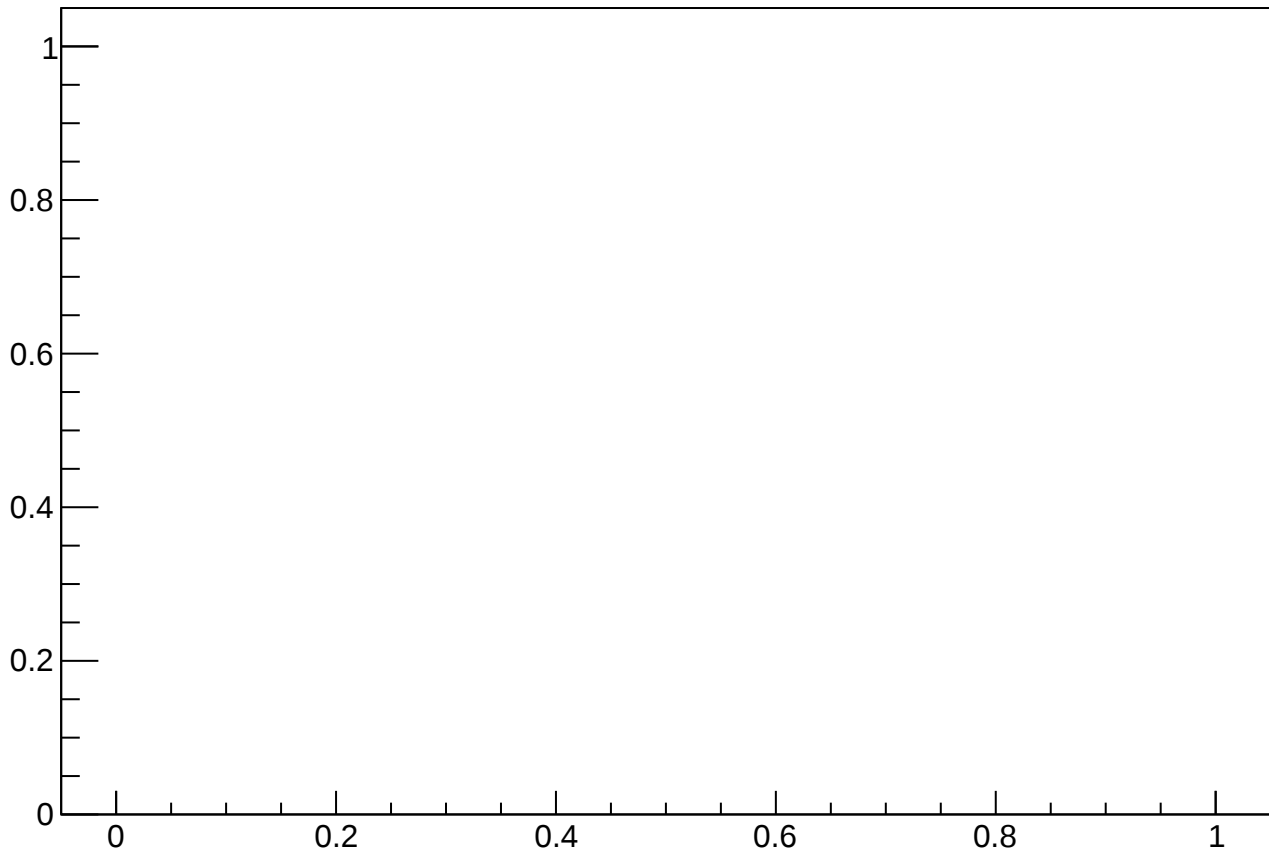
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

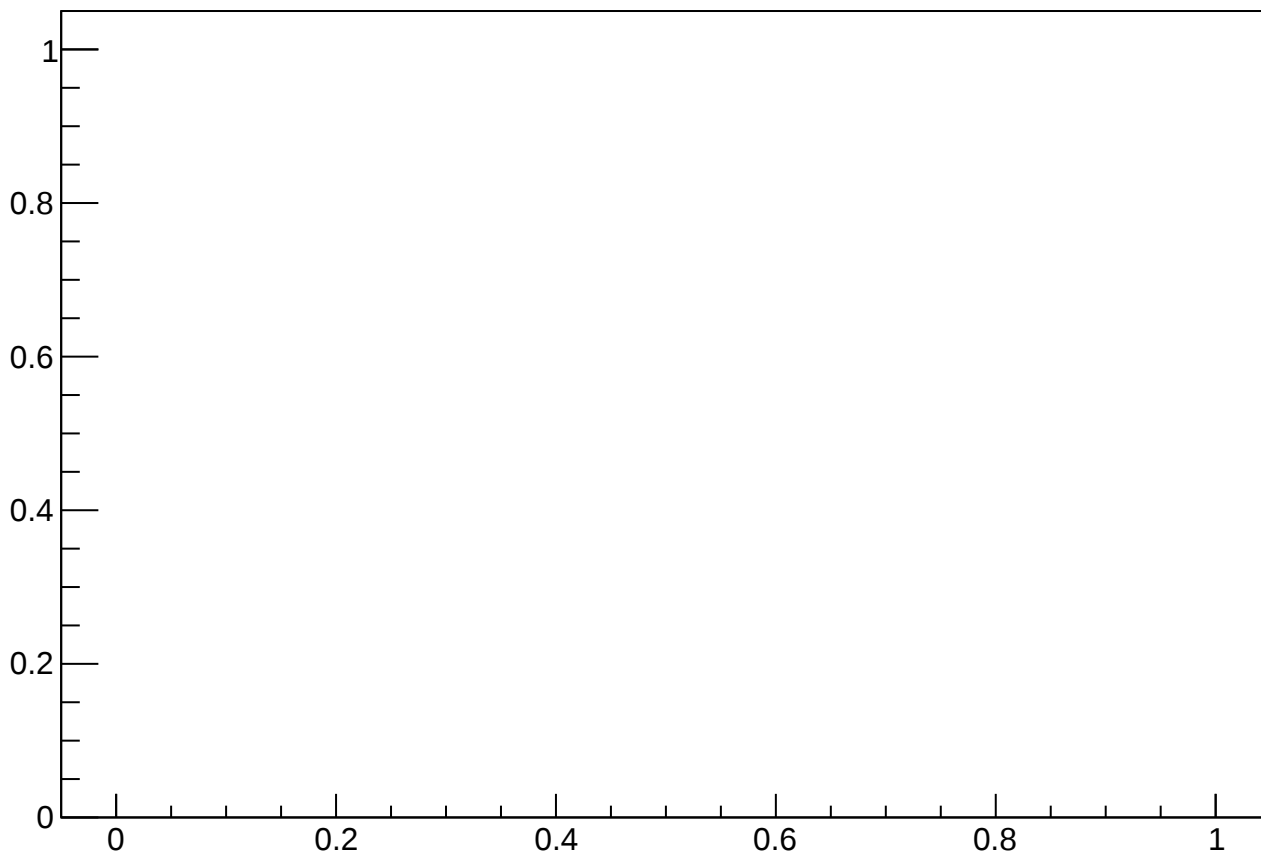
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

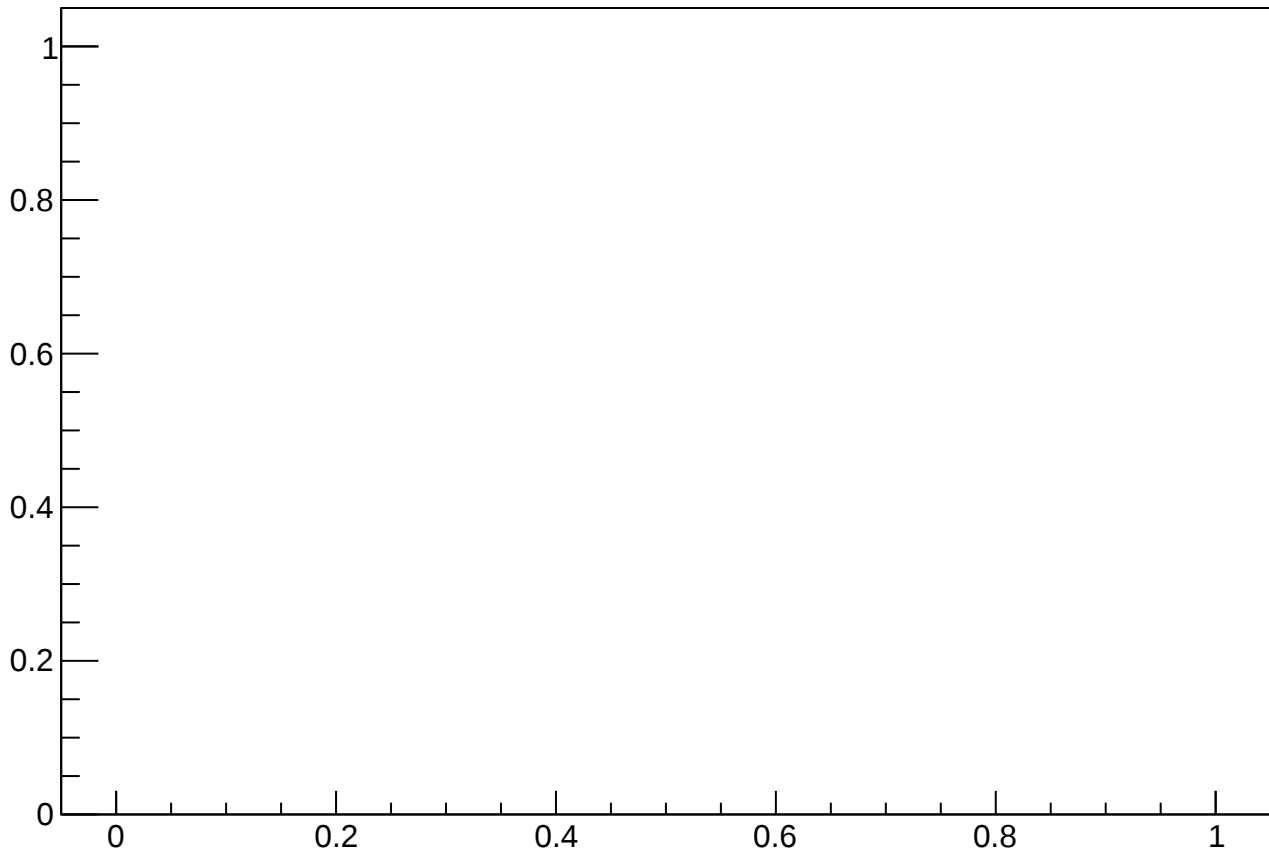
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

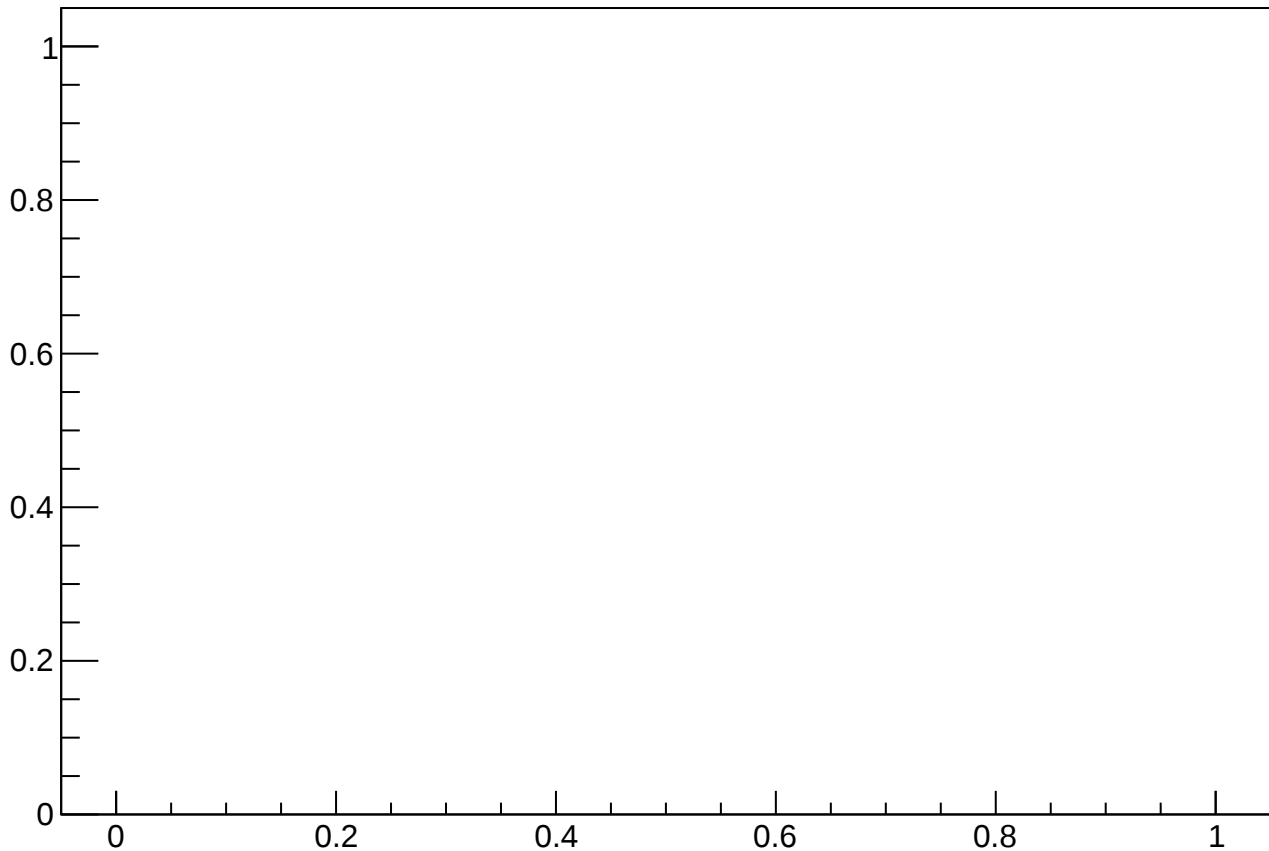
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

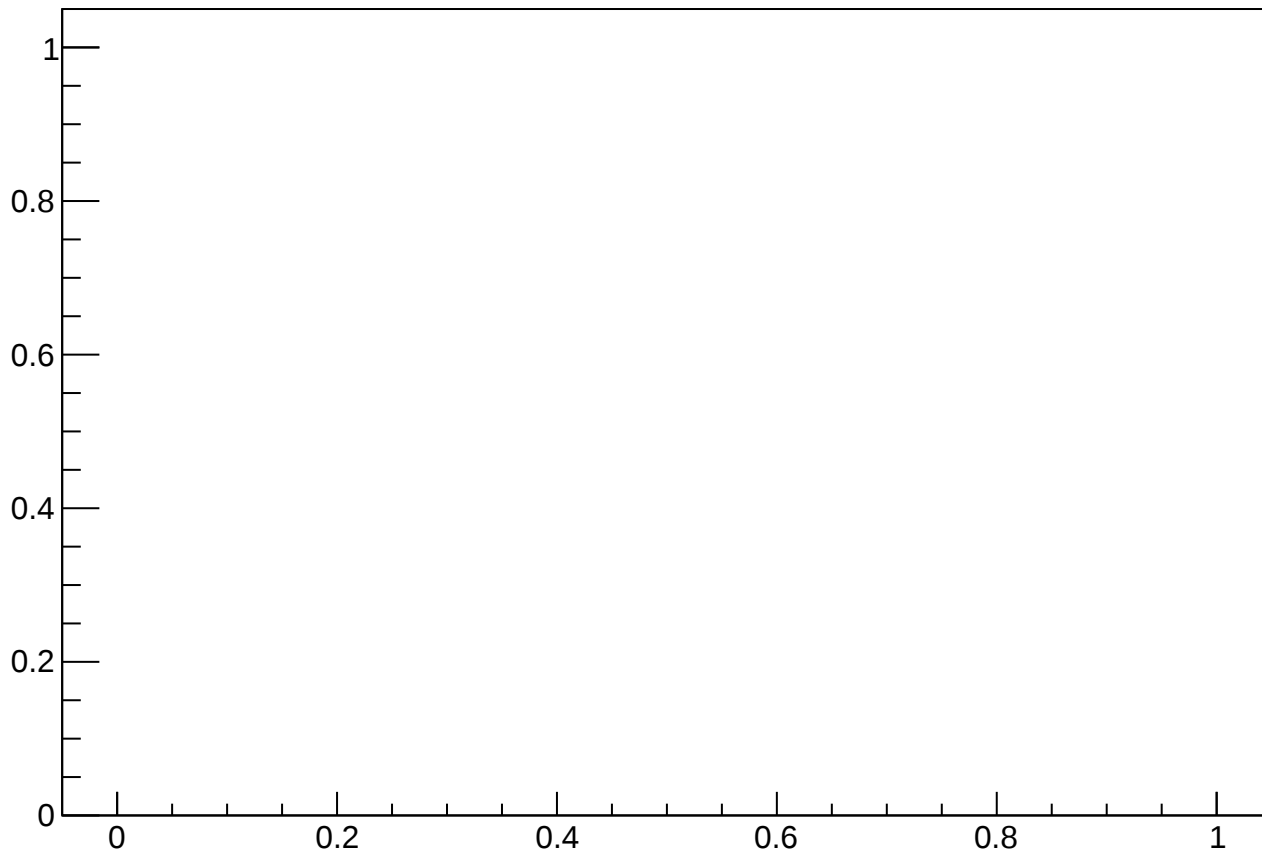
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

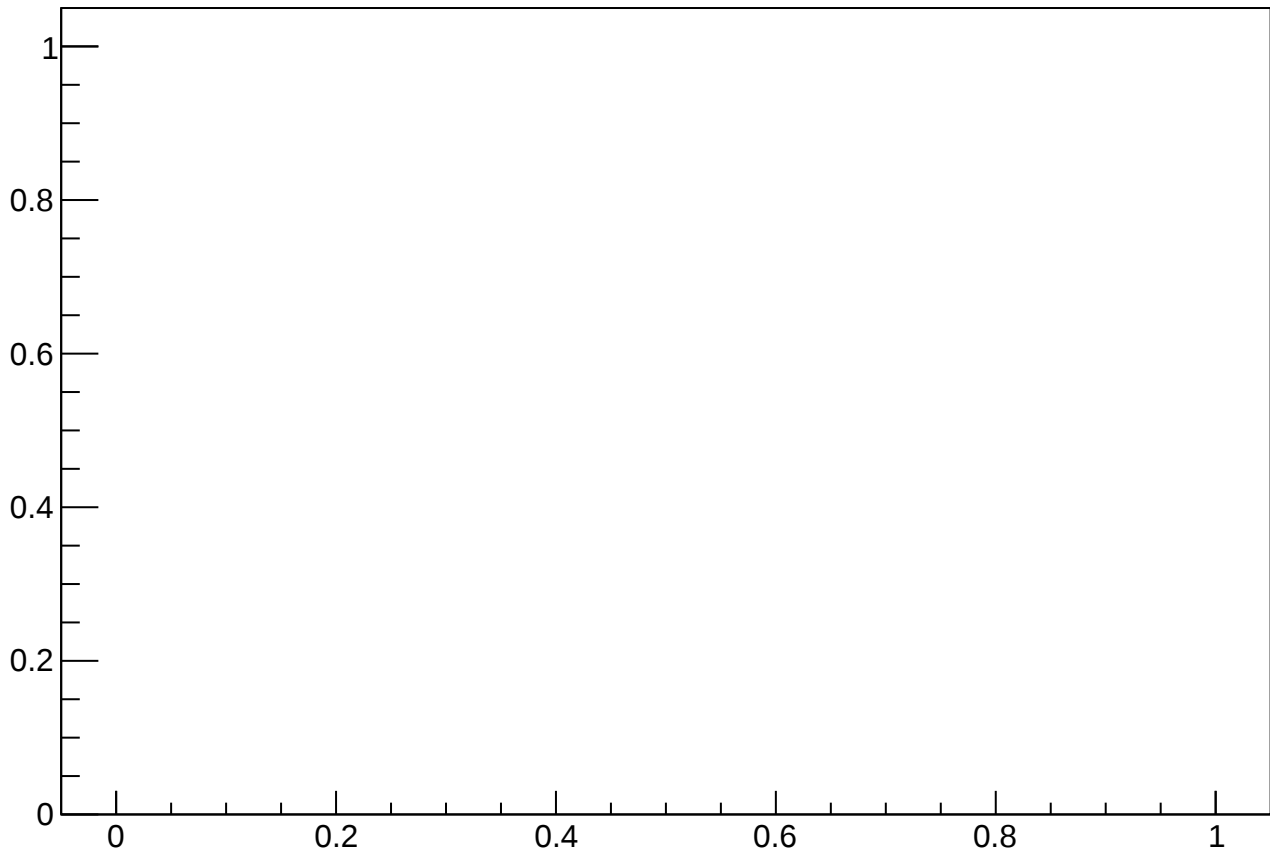
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

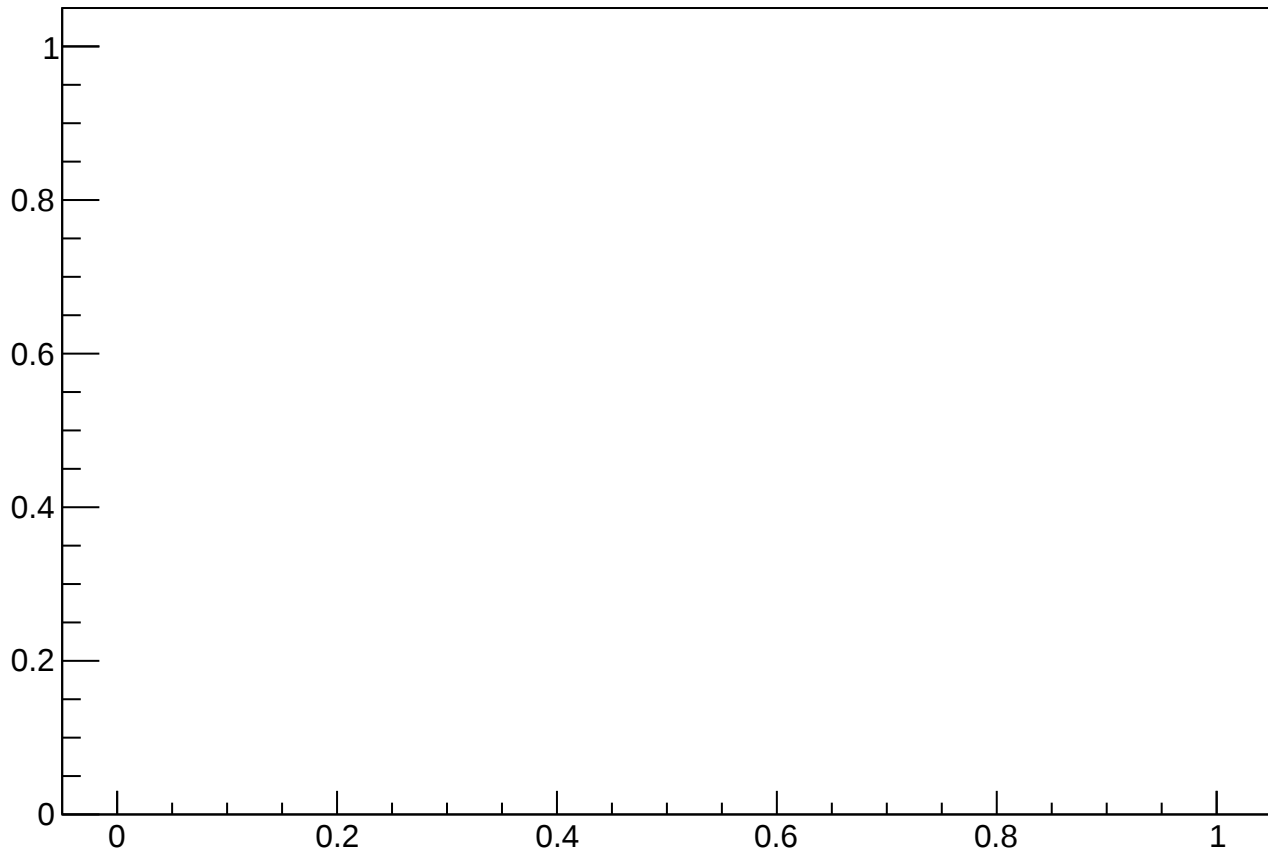
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

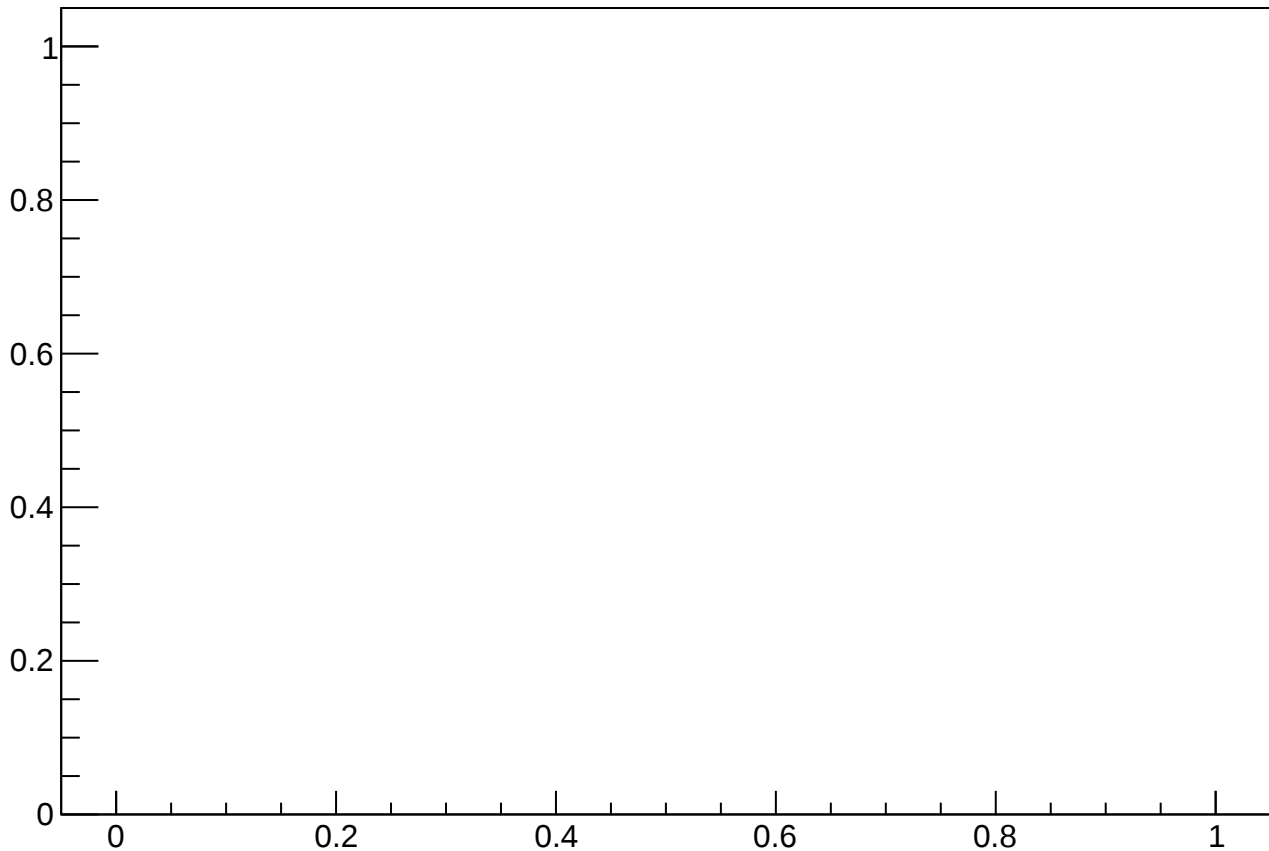
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

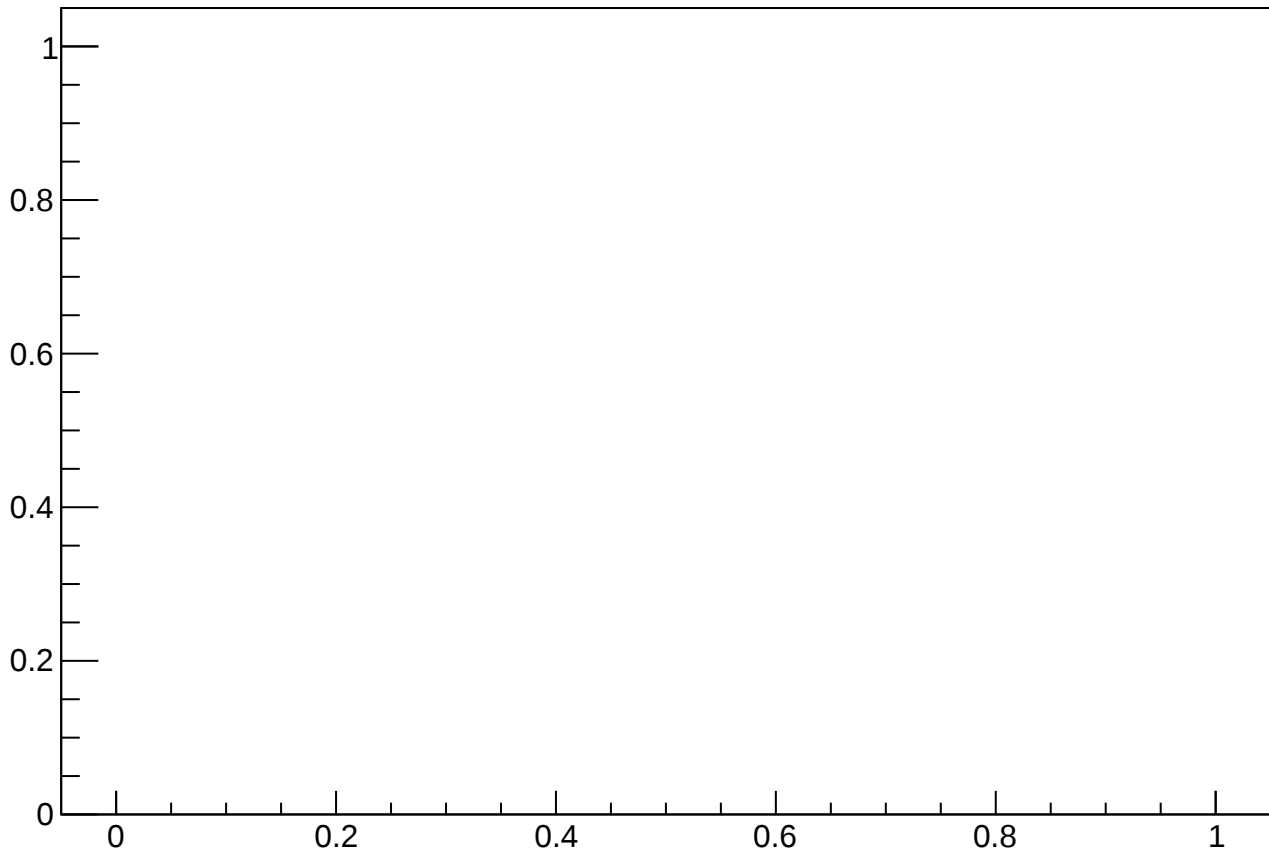
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

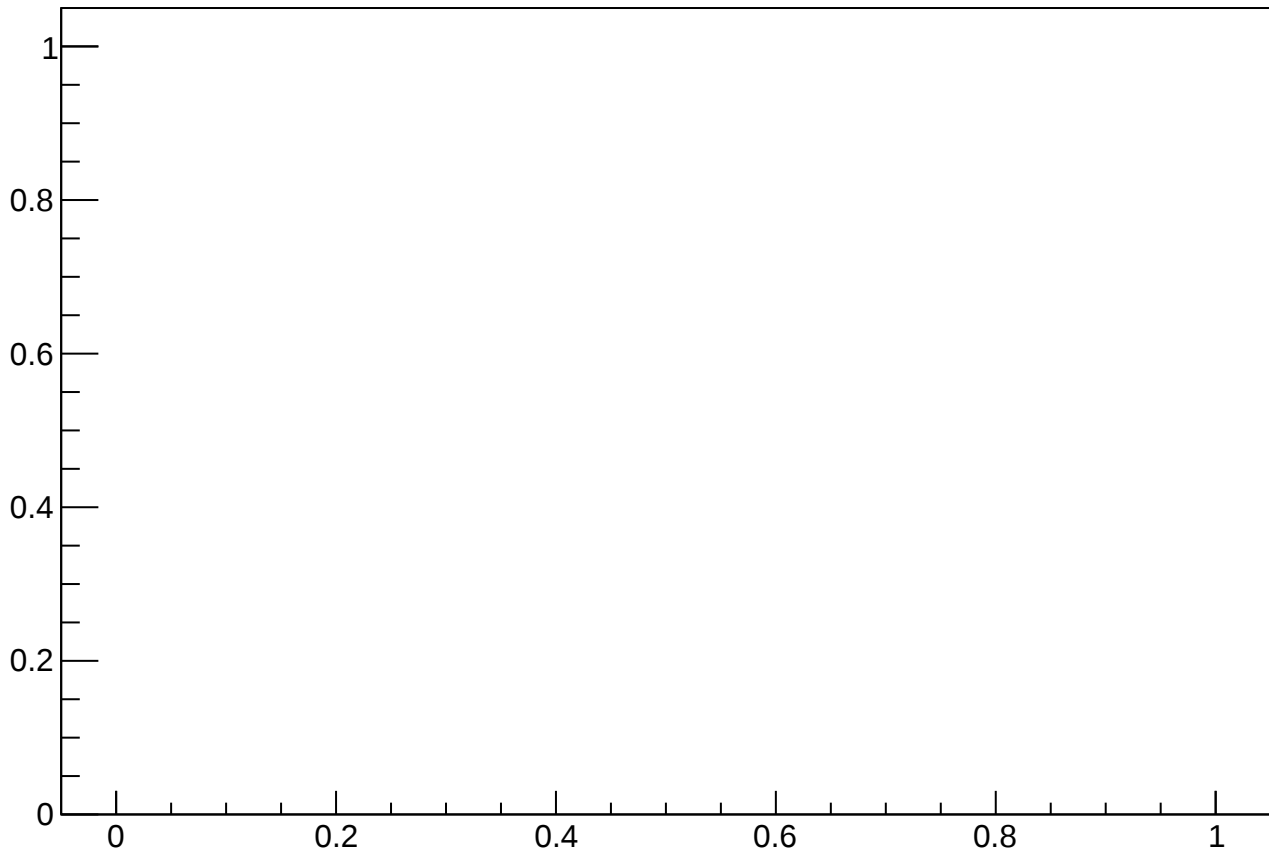
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

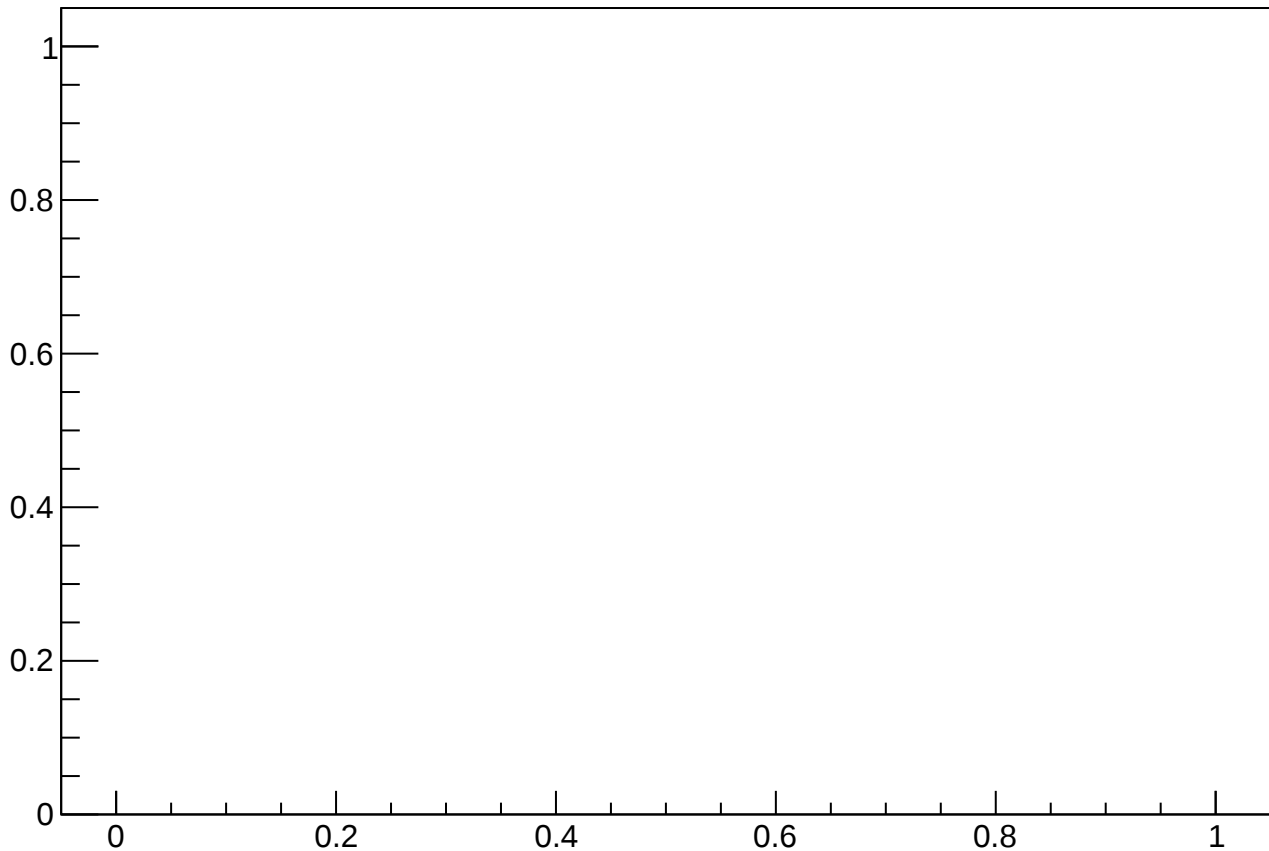
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

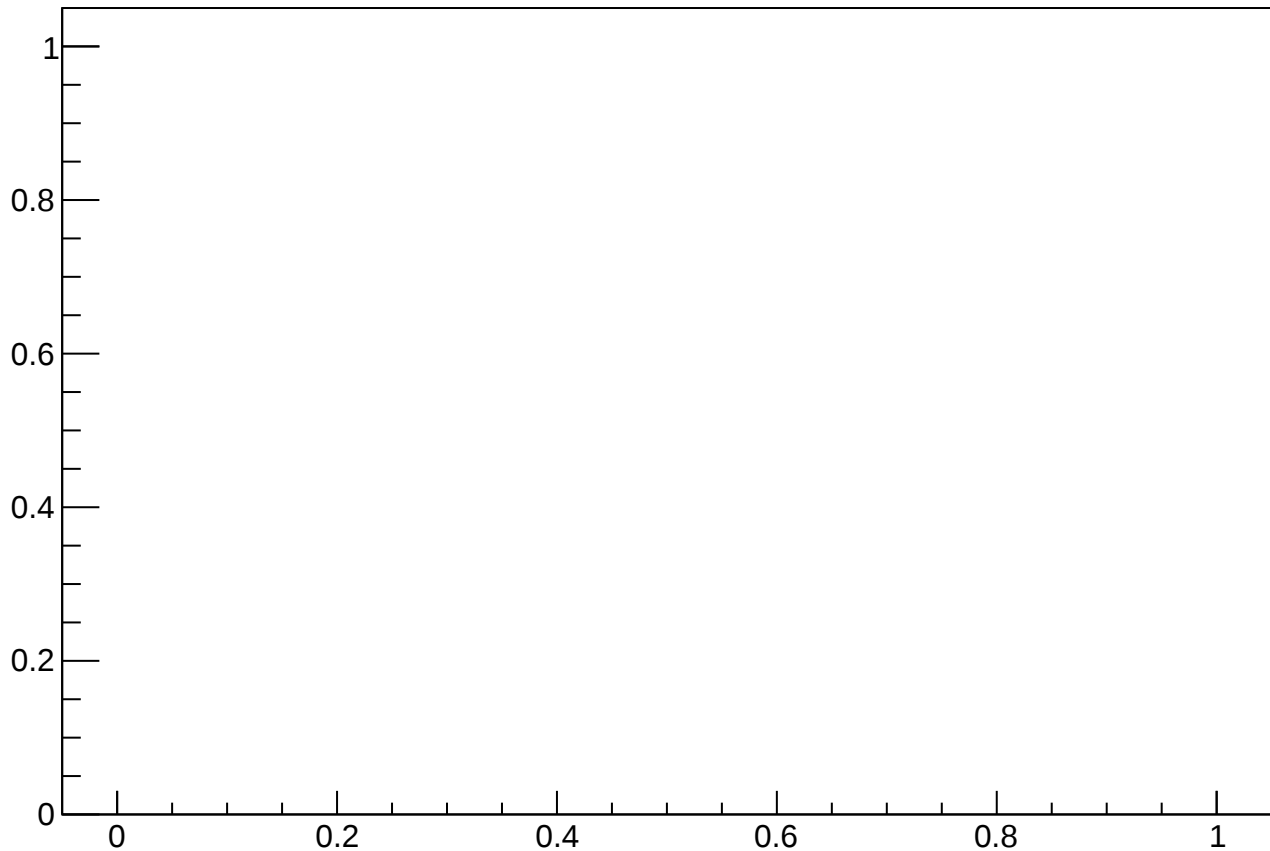
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

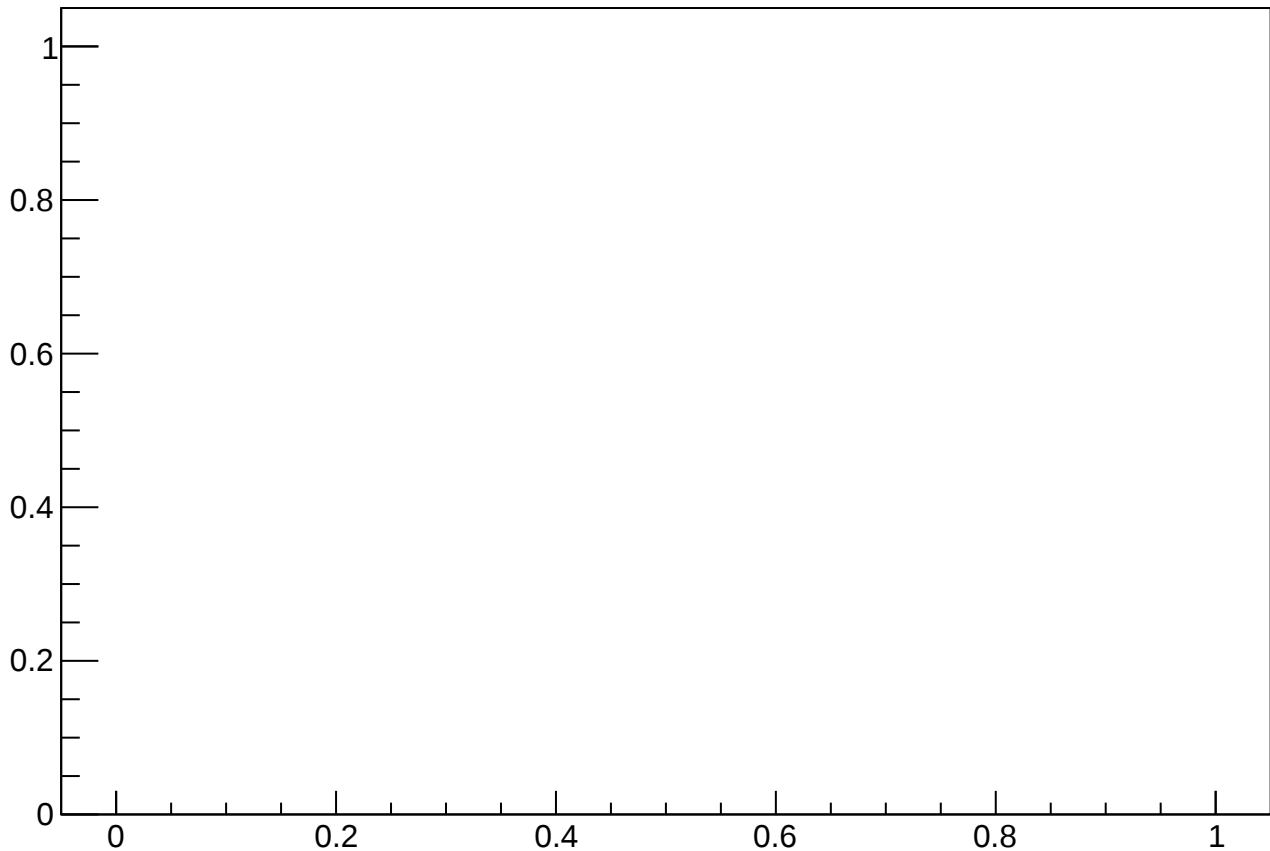
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

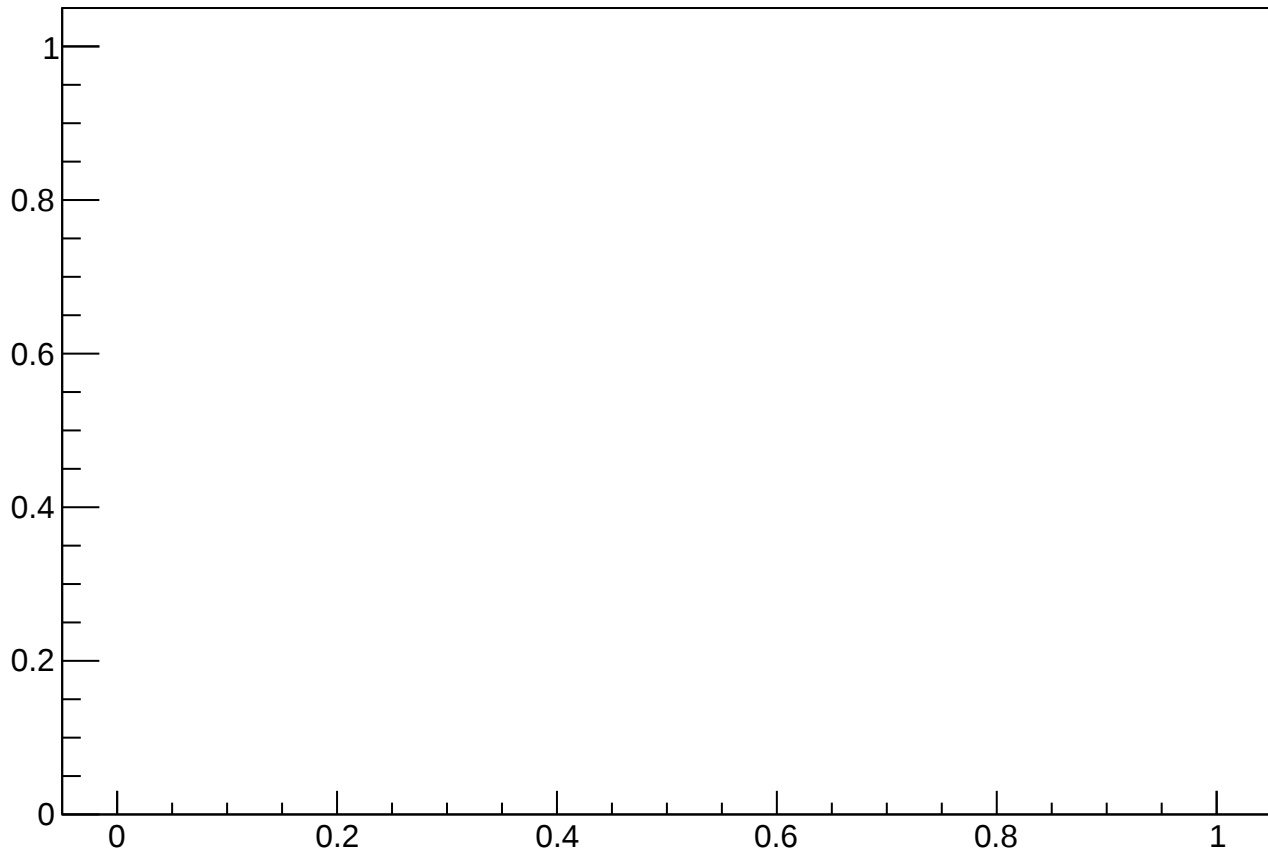
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

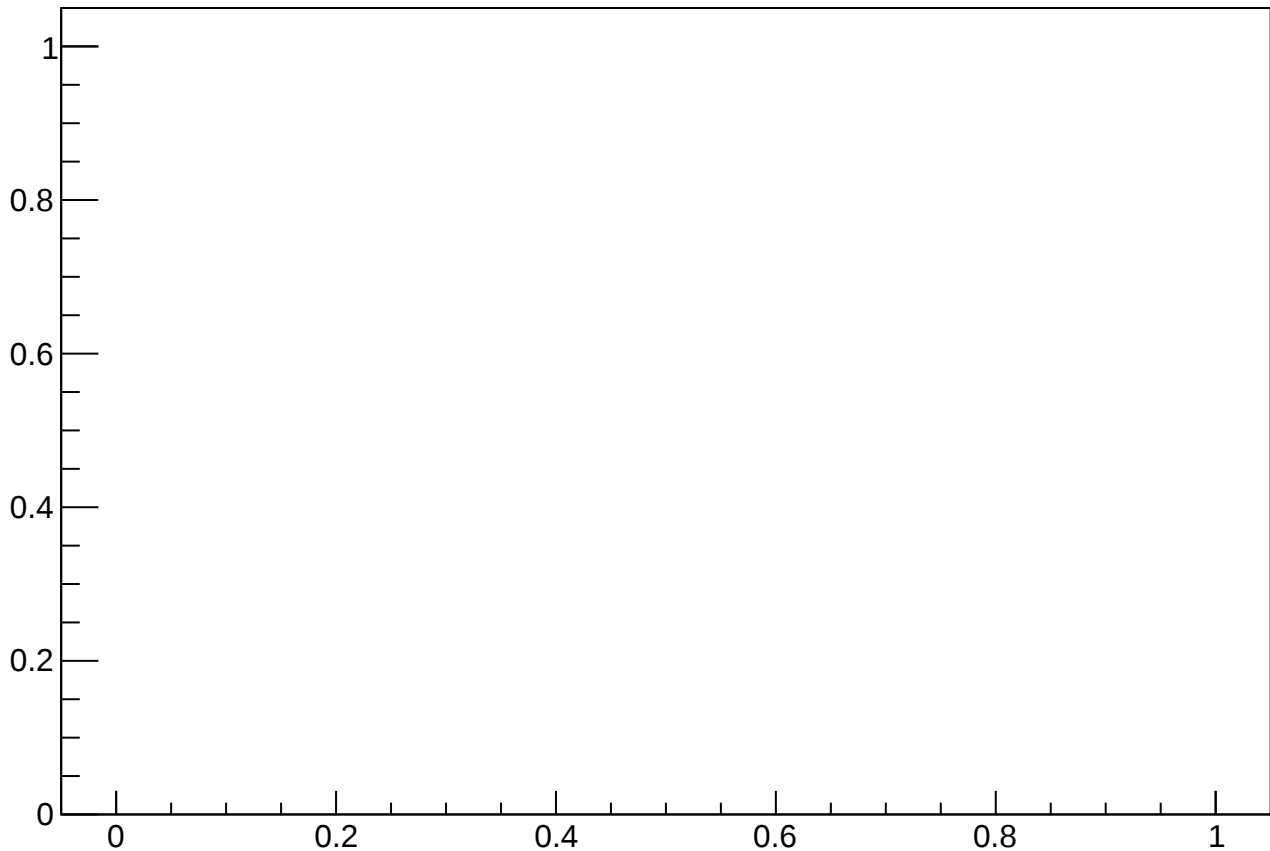
dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

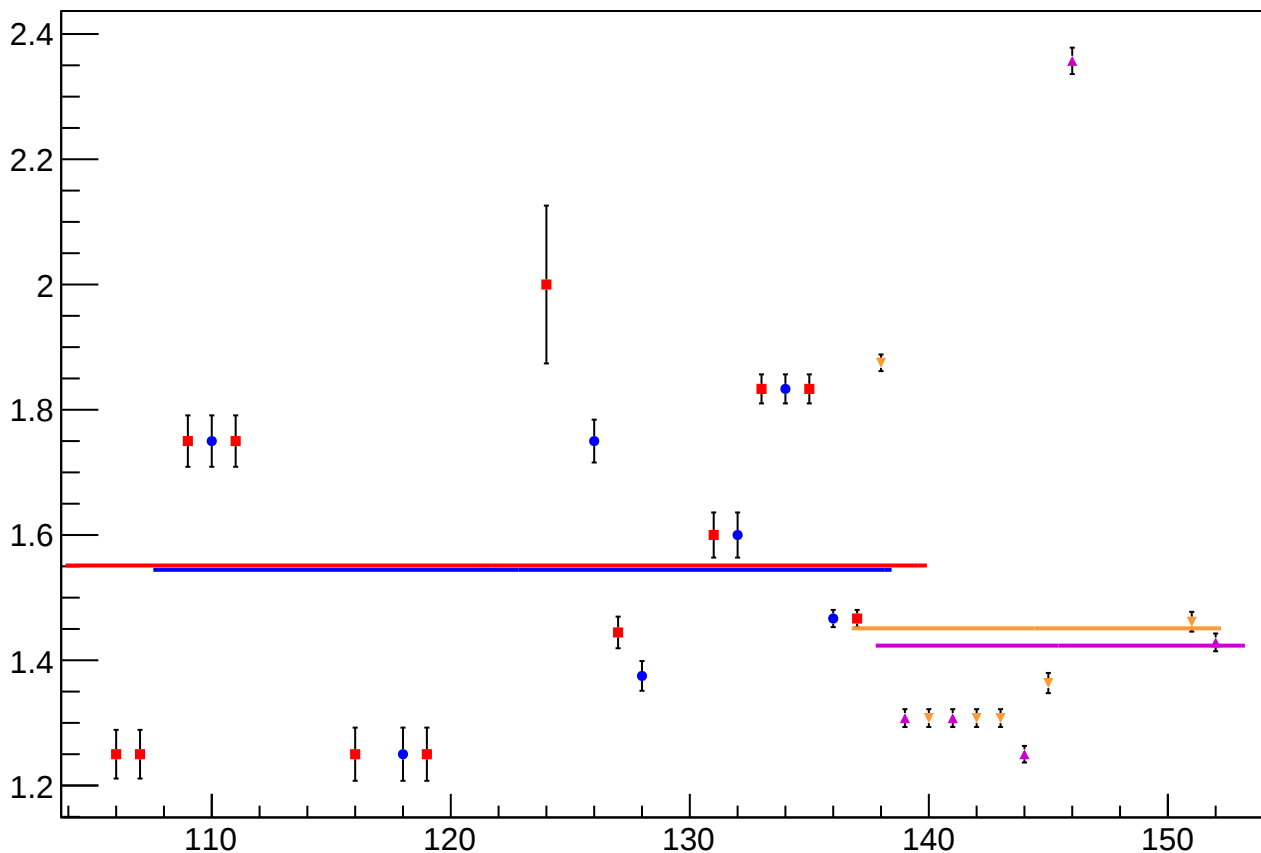
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

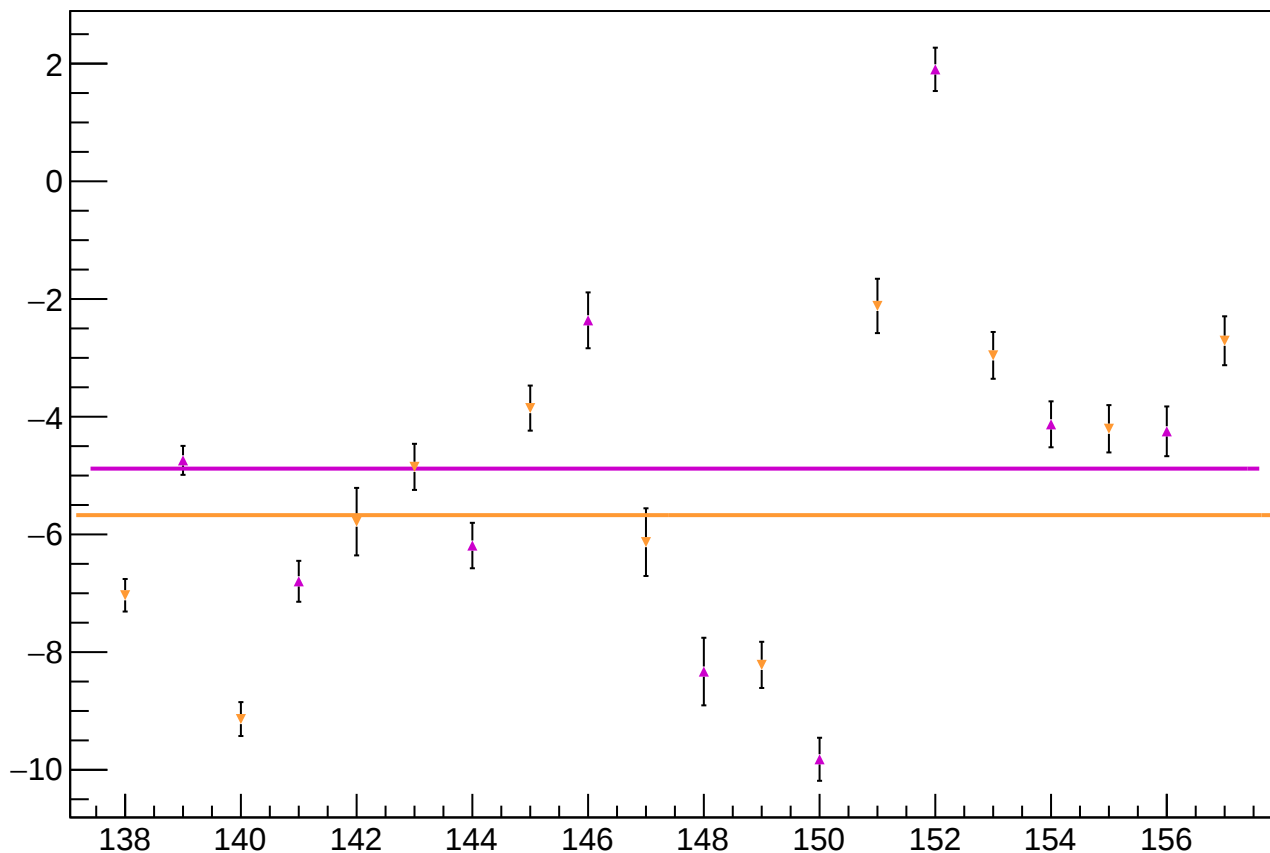
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

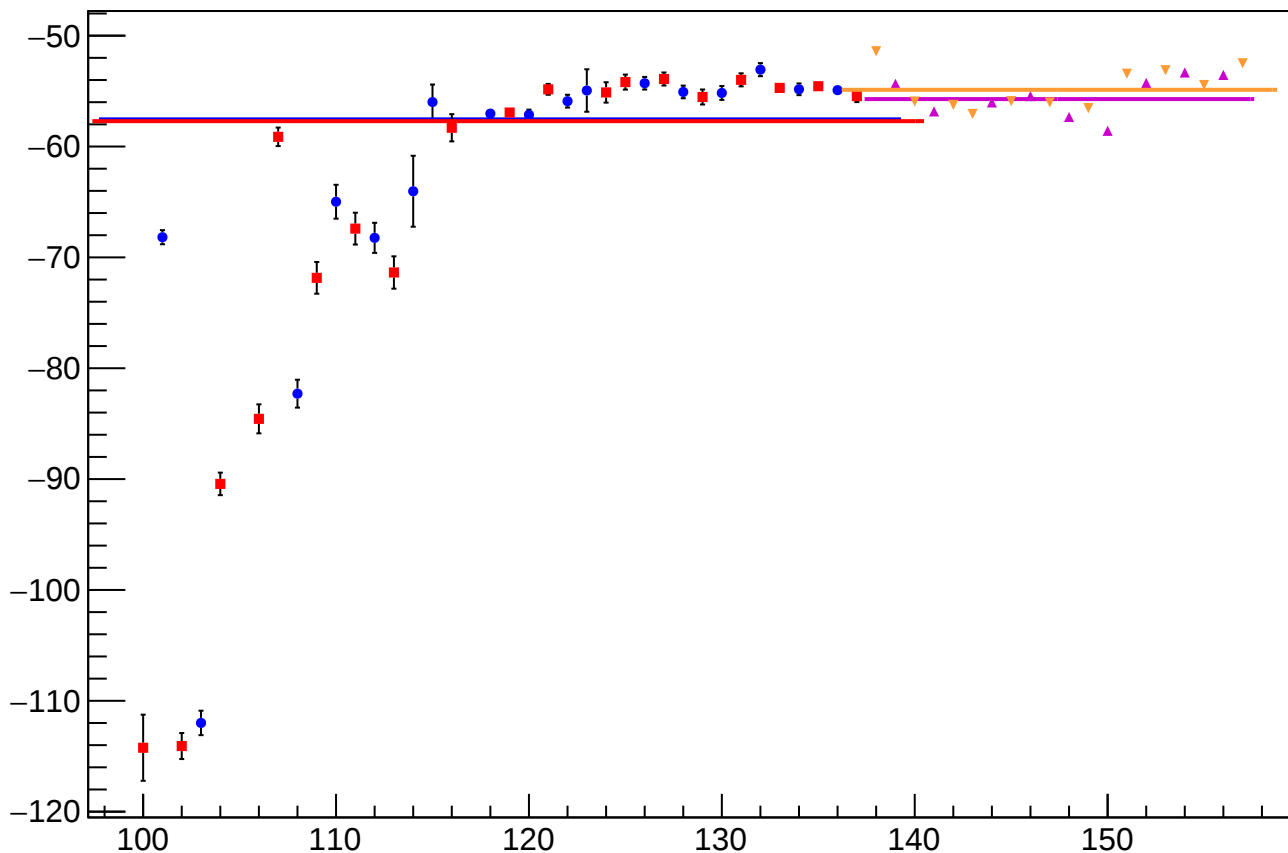
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -5.672 ± 0.116 $\chi^2/\text{NDF}: 408.6/10$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -4.882 ± 0.123 $\chi^2/\text{NDF}: 634.0/8$

Left: -5.300 ± 0.085 $\chi^2/\text{NDF}: 1064.3/19$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -4.882 ± 0.123 $\chi^2/\text{NDF}: 634.0/8$
 Out: -5.672 ± 0.116 $\chi^2/\text{NDF}: 408.6/10$
 All: -5.300 ± 0.085 $\chi^2/\text{NDF}: 1064.3/19$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -54.880 $\pm$ 0.086 χ^2 /NDF:418.4/10

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -55.720 $\pm$ 0.095 χ^2 /NDF:358.5/8

Left: -55.259 $\pm$ 0.064 χ^2 /NDF: 820.0/19

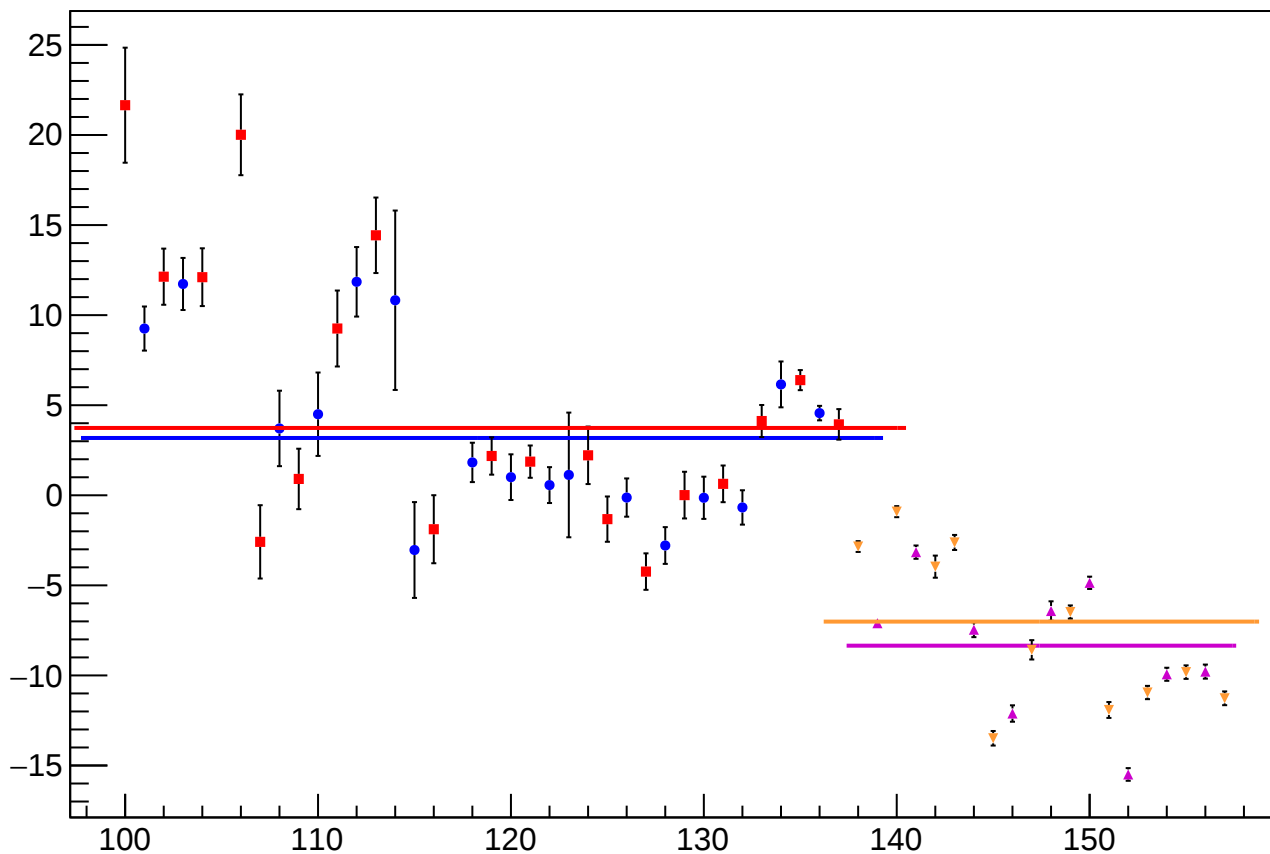
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -56.286 $\pm$ 0.079 χ^2 /NDF:3934.1/25

Out: -55.632 $\pm$ 0.074 χ^2 /NDF:5410.9/29

All: -55.937 $\pm$ 0.054 χ^2 /NDF: 9381.9/55

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: -7.012 ± 0.117 $\chi^2/\text{NDF}: 1407.8/10$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -8.348 ± 0.123 $\chi^2/\text{NDF}: 853.2/8$

Left: -7.646 ± 0.085 $\chi^2/\text{NDF}: 2323.3/19$

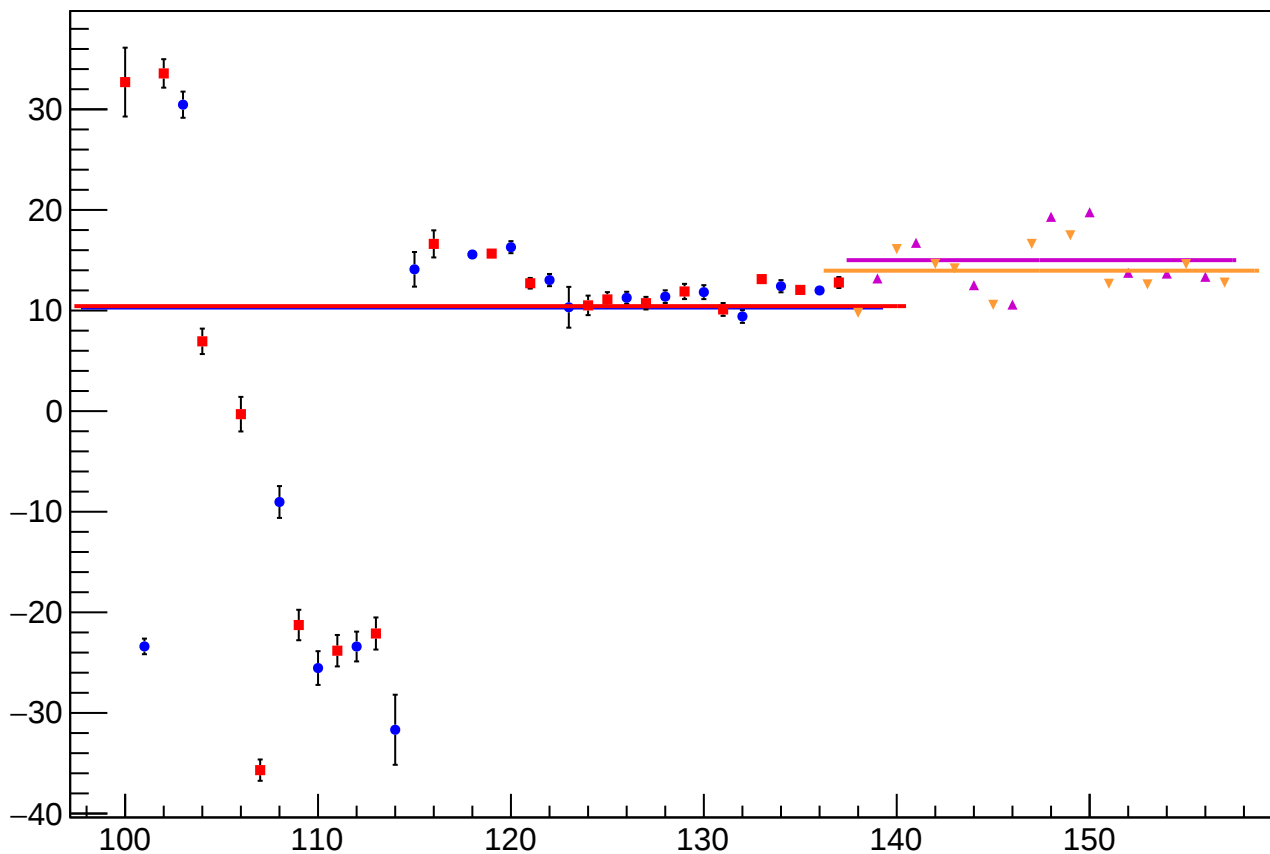
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -6.218 ± 0.111 $\chi^2/\text{NDF}: 2666.5/25$

Out: -5.289 ± 0.107 $\chi^2/\text{NDF}: 3090.7/29$

All: -5.736 ± 0.077 $\chi^2/\text{NDF}: 5793.6/55$

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: 13.961 $\pm$ 0.102 χ^2 /NDF: 515.5/10

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 15.007 $\pm$ 0.112 χ^2 /NDF: 694.7/8

Left: 14.438 $\pm$ 0.075 χ^2 /NDF: 1258.1/19

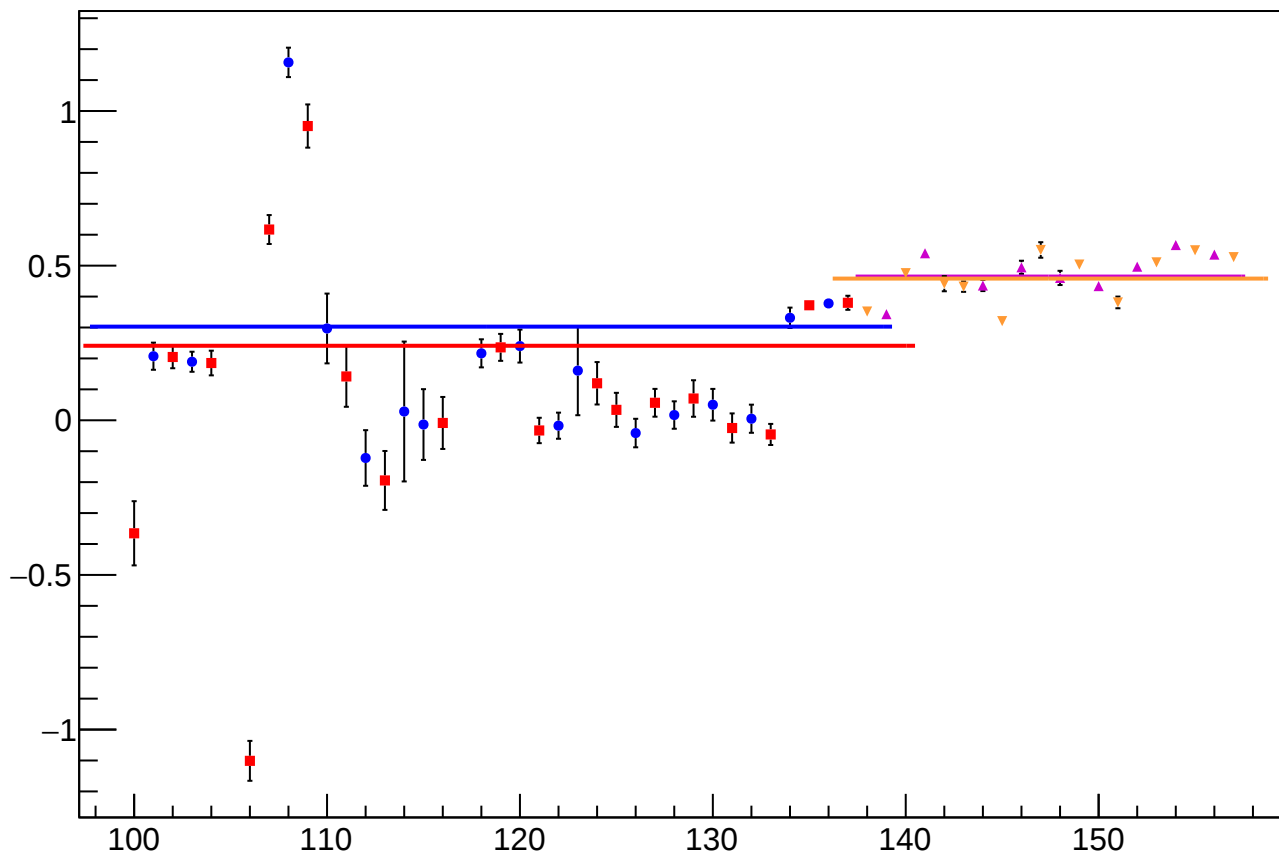
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 13.425 $\pm$ 0.091 χ^2 /NDF: 4991.0/25

Out: 12.939 $\pm$ 0.086 χ^2 /NDF: 4690.2/29

All: 13.169 $\pm$ 0.063 χ^2 /NDF: 9696.2/55

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.458 ± 0.005 χ^2/NDF : 298.3/10

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.465 ± 0.005 χ^2/NDF : 301.8/8

Left: 0.461 ± 0.003 χ^2/NDF : 601.1/19

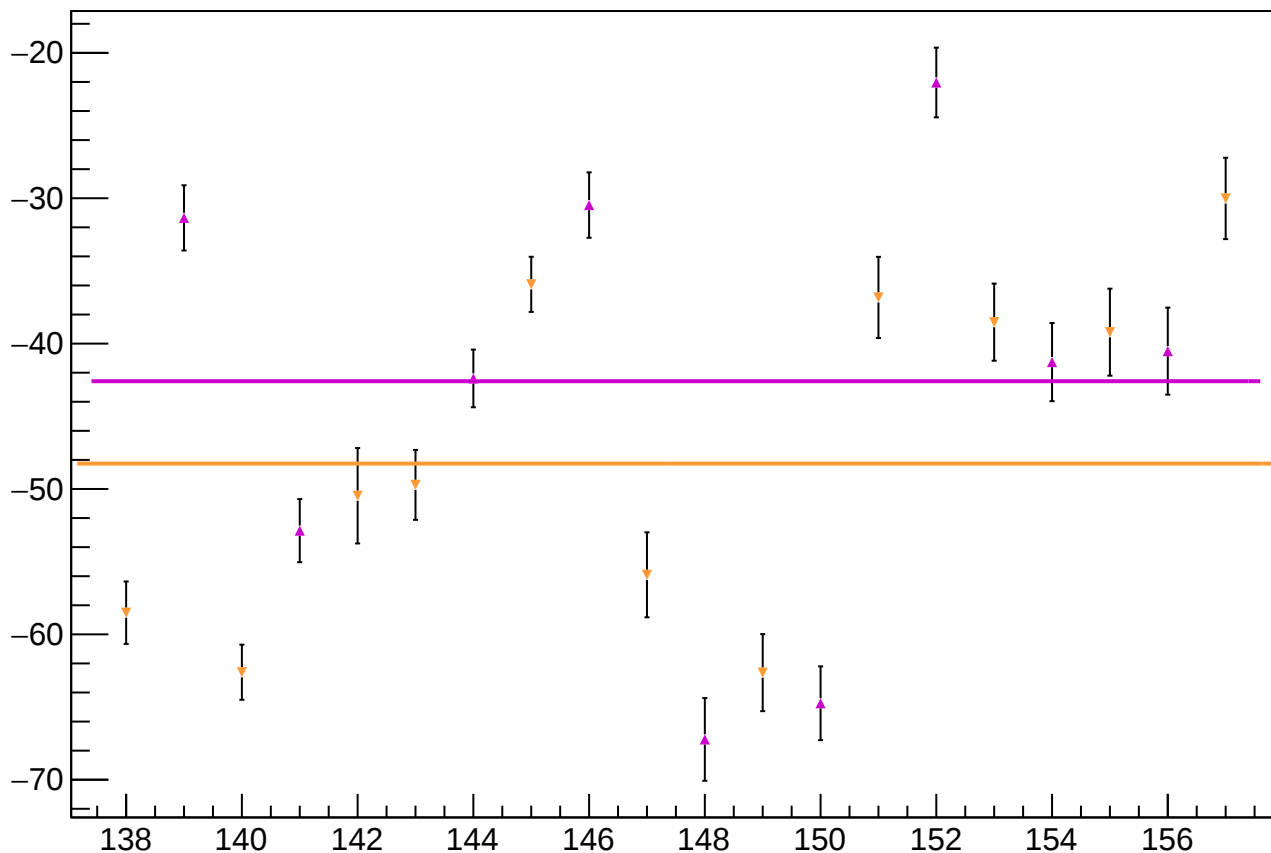
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.424 ± 0.004 χ^2/NDF : 1242.1/25

Out: 0.410 ± 0.004 χ^2/NDF : 1796.2/29

All: 0.417 ± 0.003 χ^2/NDF : 3044.9/55

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.252+/-0.744 χ^2/NDF :241.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.586+/-0.799 χ^2/NDF :301.8/8

Left: -45.624+/-0.544 χ^2/NDF : 570.1/19

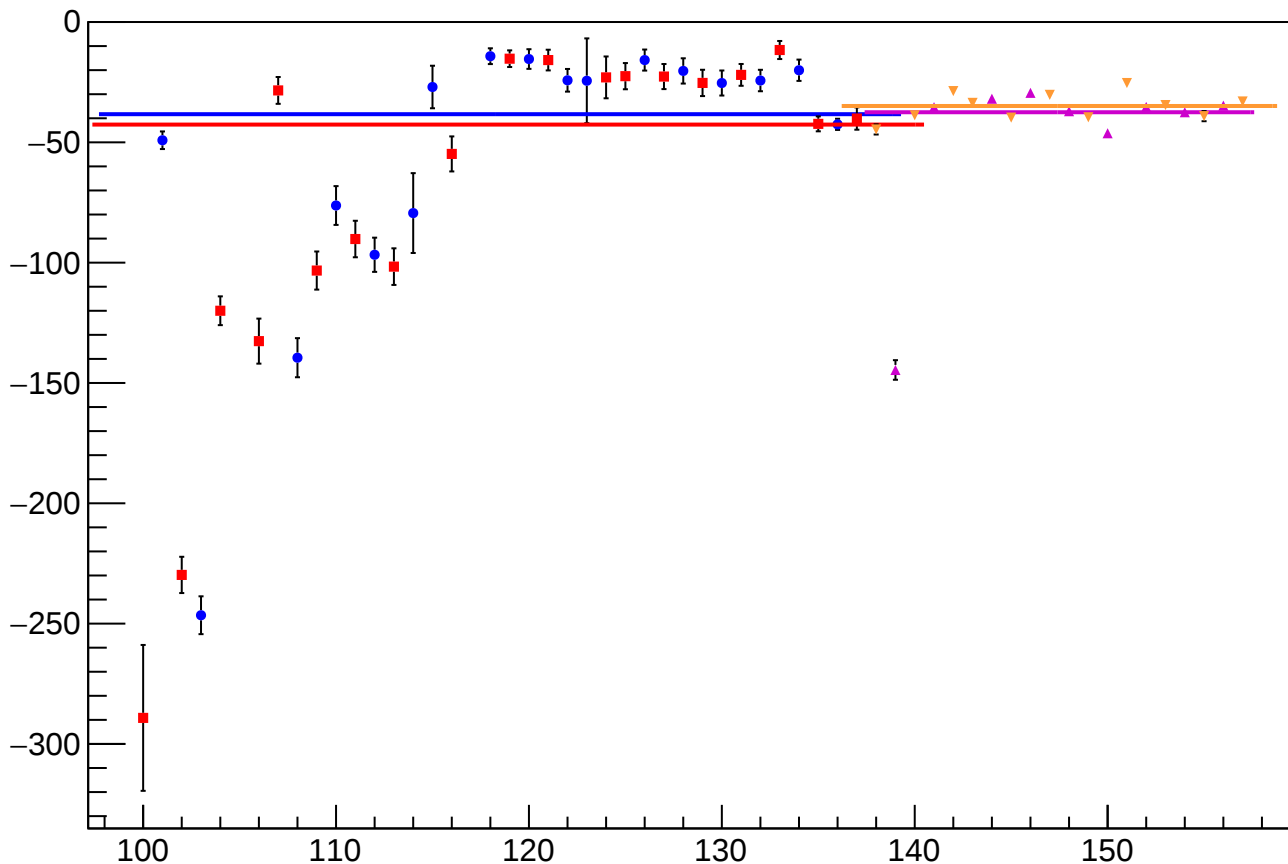
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.586+/-0.799 χ^2/NDF :301.8/8

Out: -48.252+/-0.744 χ^2/NDF :241.4/10

All: -45.624+/-0.544 χ^2/NDF : 570.1/19

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: -34.896 ± 0.521 $\chi^2/\text{NDF}: 104.4/10$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -37.495 ± 0.559 $\chi^2/\text{NDF}: 772.9/8$

Left: -36.104 ± 0.381 $\chi^2/\text{NDF}: 888.9/19$

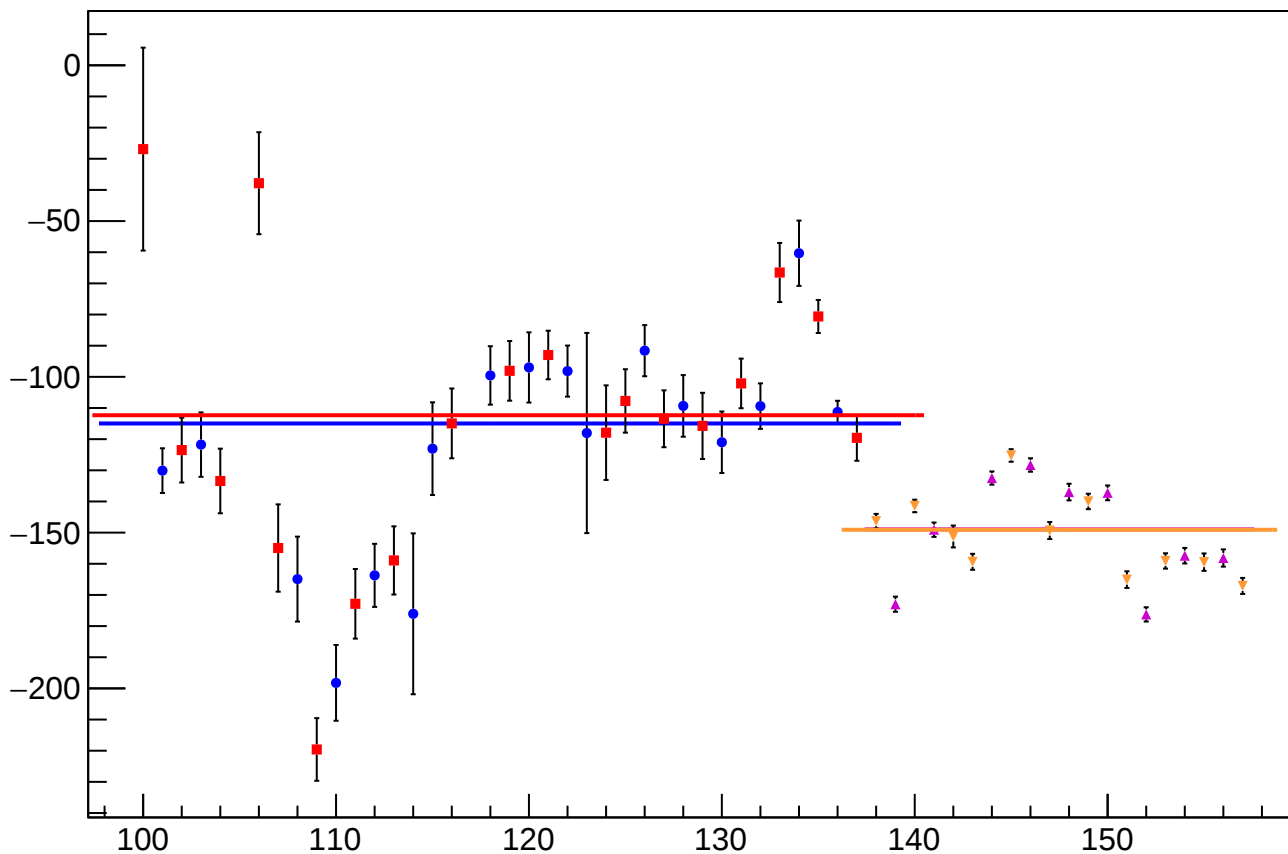
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -37.652 ± 0.502 $\chi^2/\text{NDF}: 1906.1/25$

Out: -36.106 ± 0.478 $\chi^2/\text{NDF}: 1483.3/29$

All: -36.842 ± 0.346 $\chi^2/\text{NDF}: 3394.4/55$

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: -149.081 ± 0.747 $\chi^2/\text{NDF}: 300.7/10$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -148.953 ± 0.793 $\chi^2/\text{NDF}: 458.3/8$

Left: -149.020 ± 0.544 $\chi^2/\text{NDF}: 759.1/19$

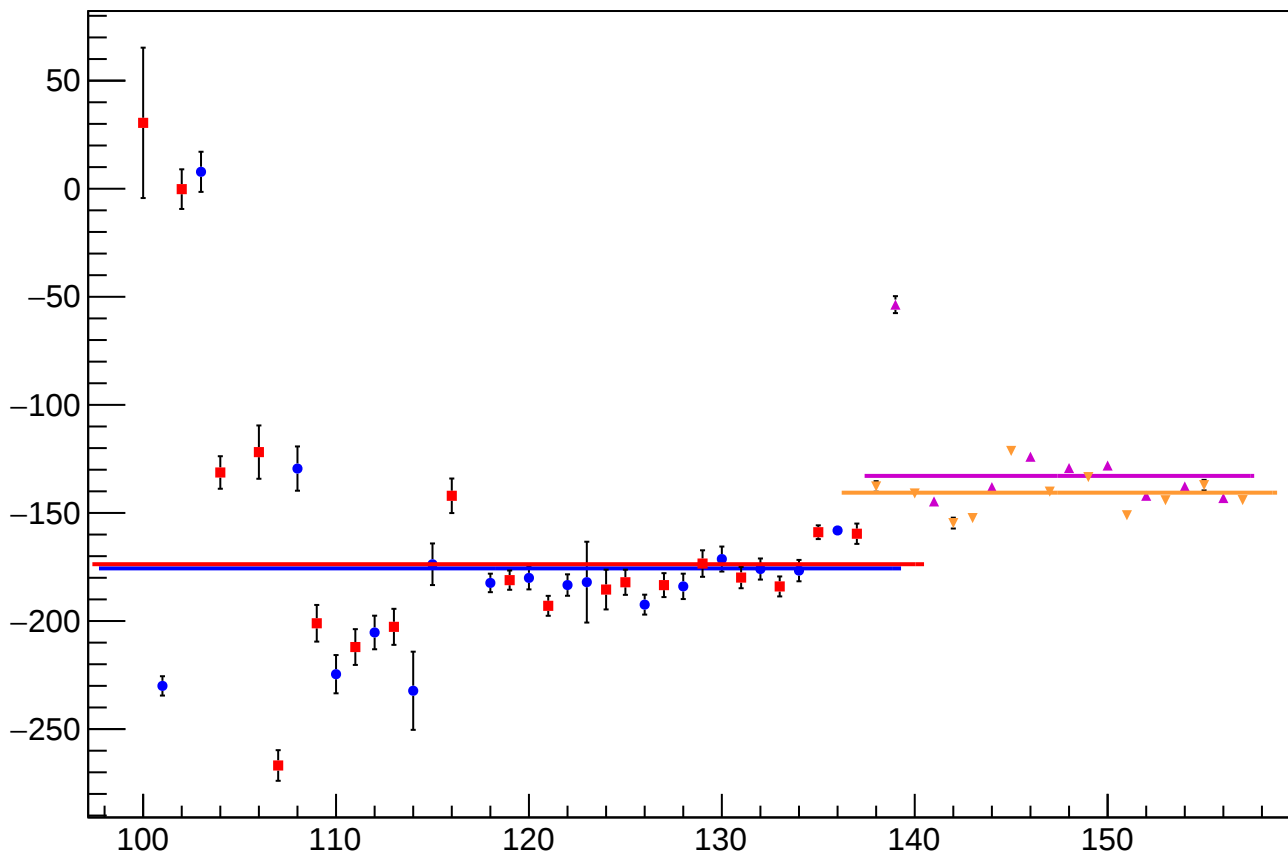
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -144.624 ± 0.740 $\chi^2/\text{NDF}: 833.9/25$

Out: -145.293 ± 0.708 $\chi^2/\text{NDF}: 824.0/29$

All: -144.974 ± 0.512 $\chi^2/\text{NDF}: 1658.3/55$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -140.623 ± 0.630 χ^2/NDF : 231.8/10

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -132.857 ± 0.677 χ^2/NDF : 536.6/8

Left: -137.017 ± 0.461 χ^2/NDF : 839.0/19

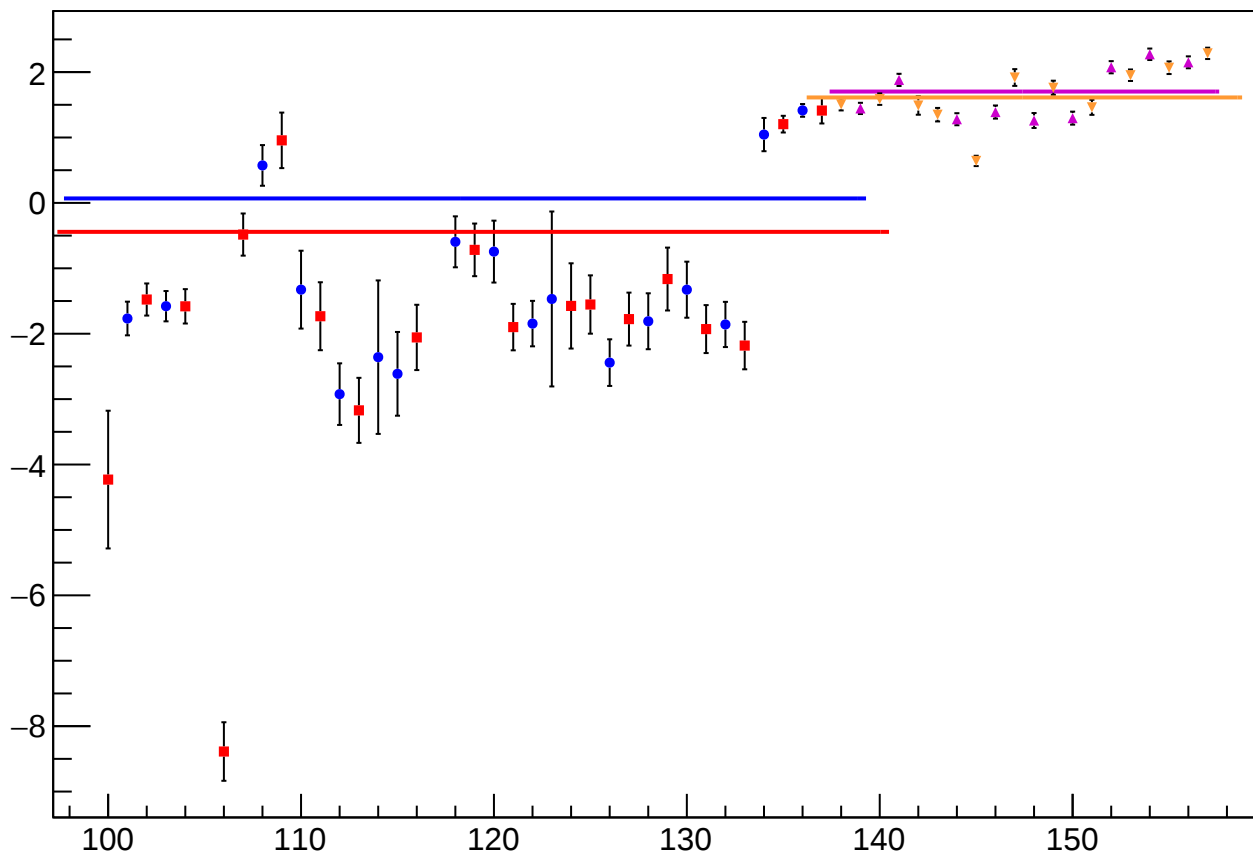
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -142.328 ± 0.597 χ^2/NDF : 2114.1/25

Out: -146.509 ± 0.571 χ^2/NDF : 1460.7/29

All: -144.511 ± 0.413 χ^2/NDF : 3600.4/55

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: 1.612 $\pm$ 0.030 χ^2 /NDF:265.8/10

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.703 $\pm$ 0.031 χ^2 /NDF:157.3/8

Left: 1.655 $\pm$ 0.022 χ^2 /NDF: 427.4/19

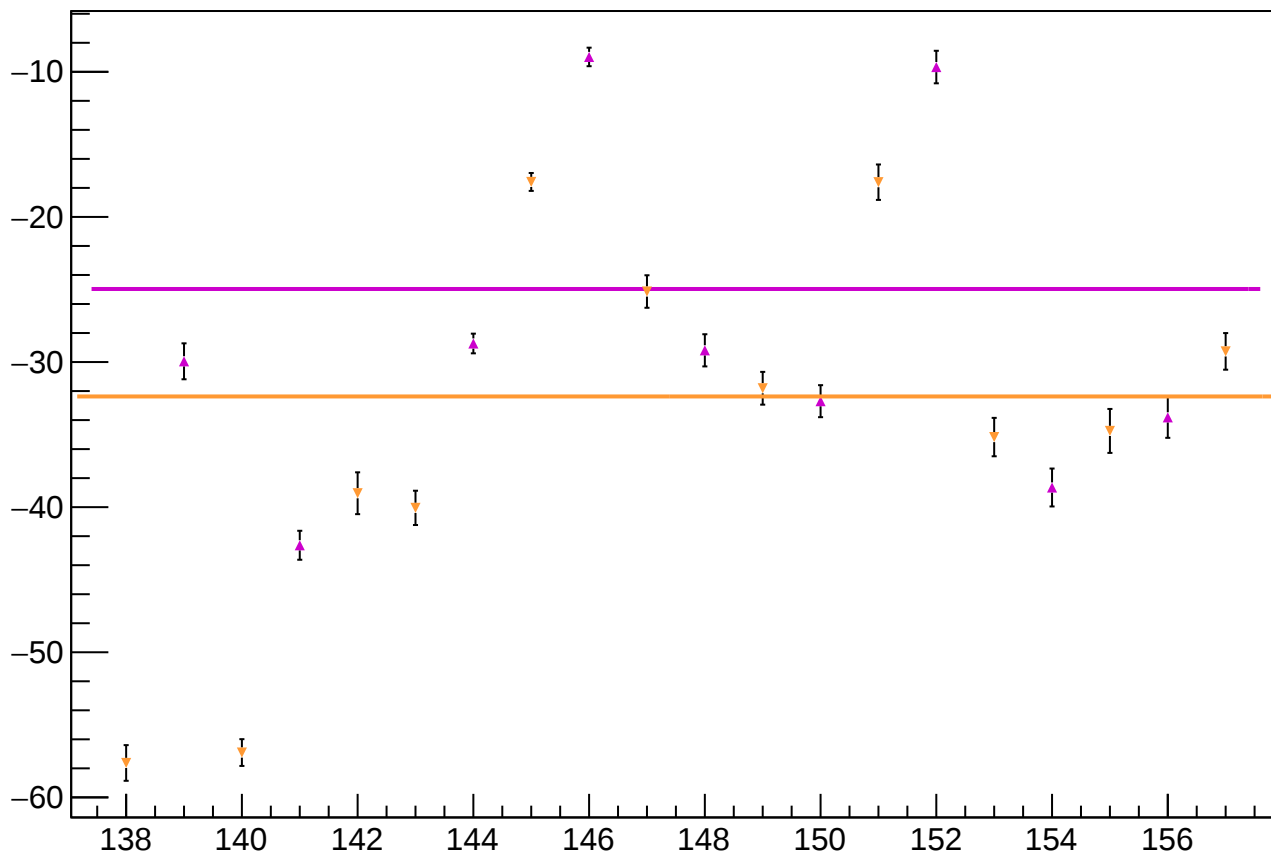
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.407 $\pm$ 0.028 χ^2 /NDF:1170.5/25

Out: 1.309 $\pm$ 0.027 χ^2 /NDF:1733.9/29

All: 1.356 $\pm$ 0.020 χ^2 /NDF: 2910.6/55

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.372+/-0.324 χ^2/NDF :1968.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.966+/-0.319 χ^2/NDF :1385.7/8

Left: -28.620+/-0.227 χ^2/NDF : 3619.0/19

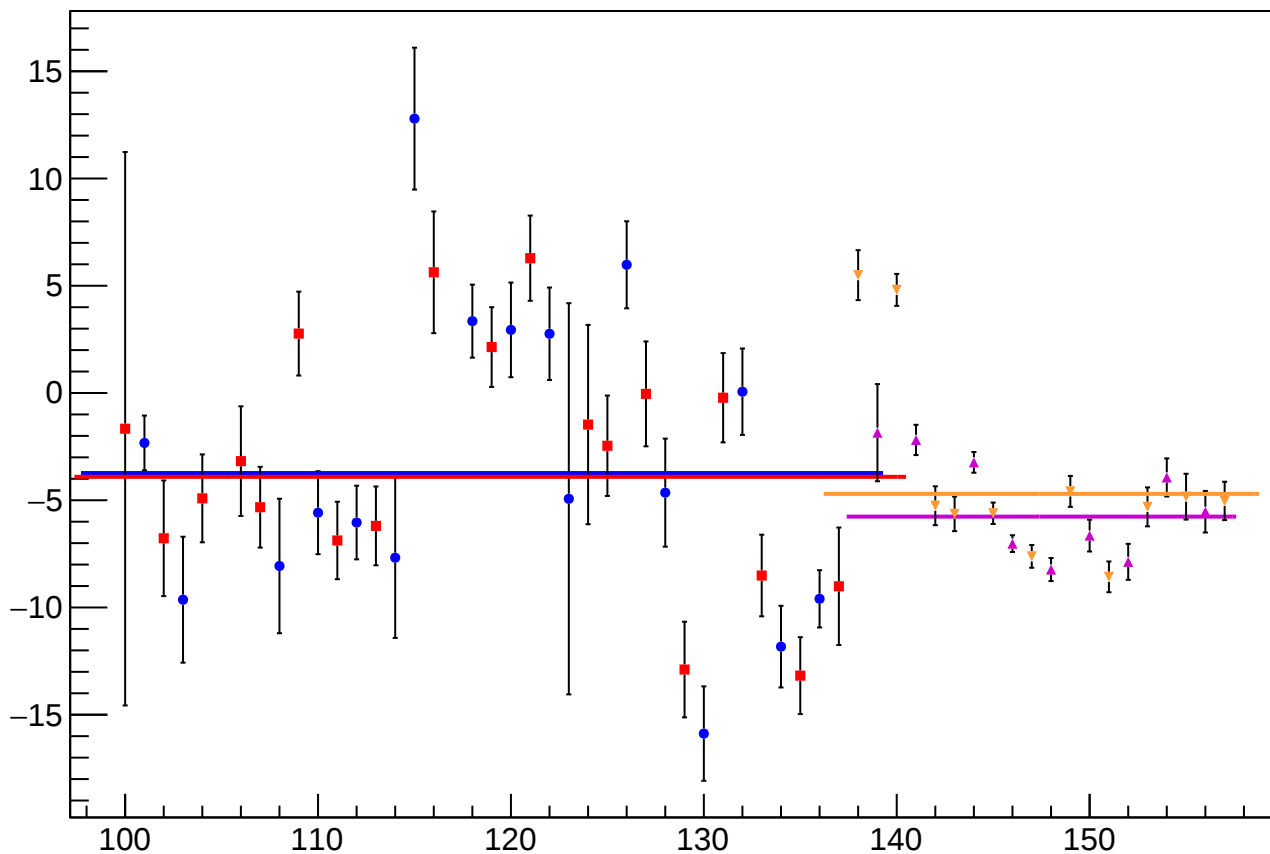
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.966+/-0.319 χ^2/NDF :1385.7/8

Out: -32.372+/-0.324 χ^2/NDF :1968.0/10

All: -28.620+/-0.227 χ^2/NDF : 3619.0/19

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.704 ± 0.223 $\chi^2/\text{NDF}: 304.4/10$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -5.763 ± 0.213 $\chi^2/\text{NDF}: 99.5/8$

Left: -5.259 ± 0.154 $\chi^2/\text{NDF}: 415.8/19$

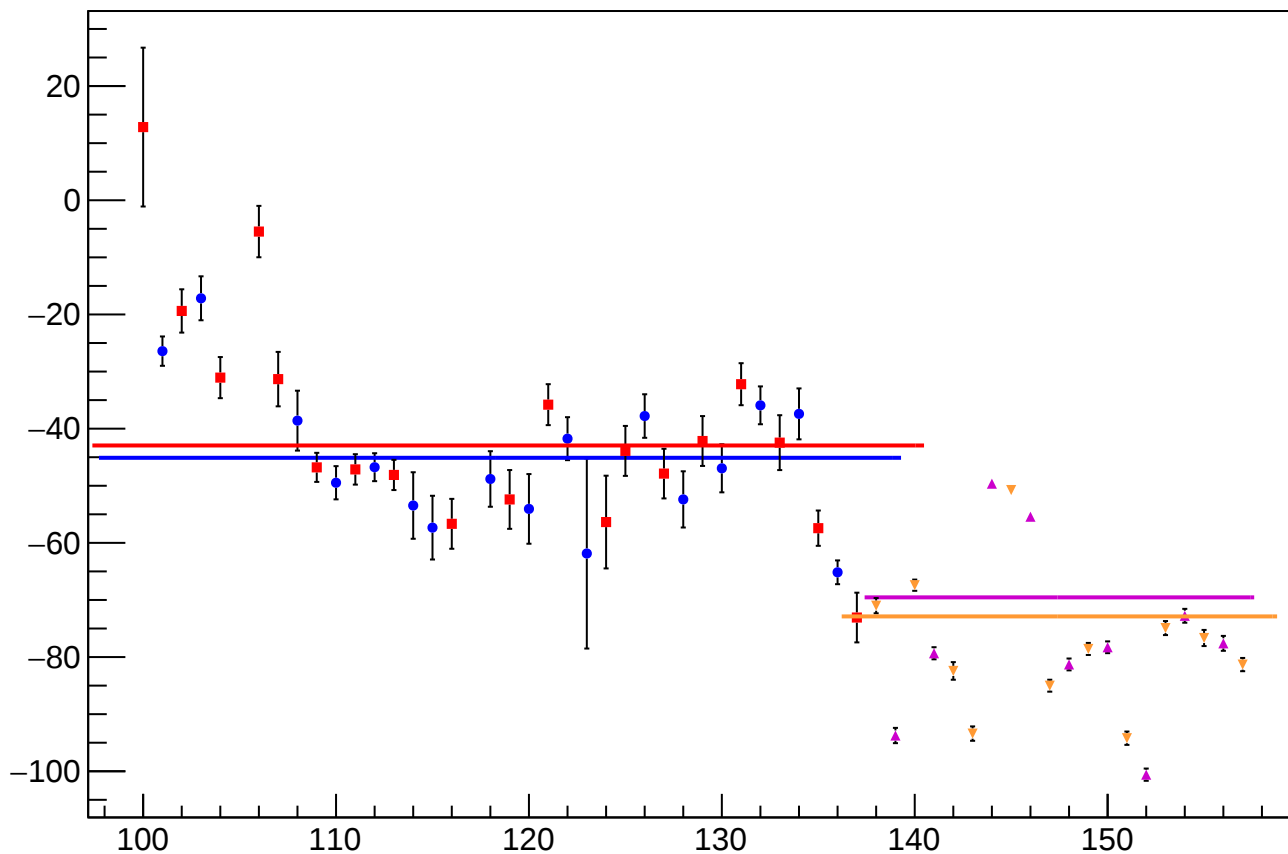
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -5.447 ± 0.196 $\chi^2/\text{NDF}: 279.5/25$

Out: -4.574 ± 0.204 $\chi^2/\text{NDF}: 431.3/29$

All: -5.030 ± 0.141 $\chi^2/\text{NDF}: 720.3/55$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -72.882 ± 0.326 χ^2/NDF : 2035.8/10

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -69.545 ± 0.316 χ^2/NDF : 2775.3/8

Left: -71.165 ± 0.227 χ^2/NDF : 4865.1/19

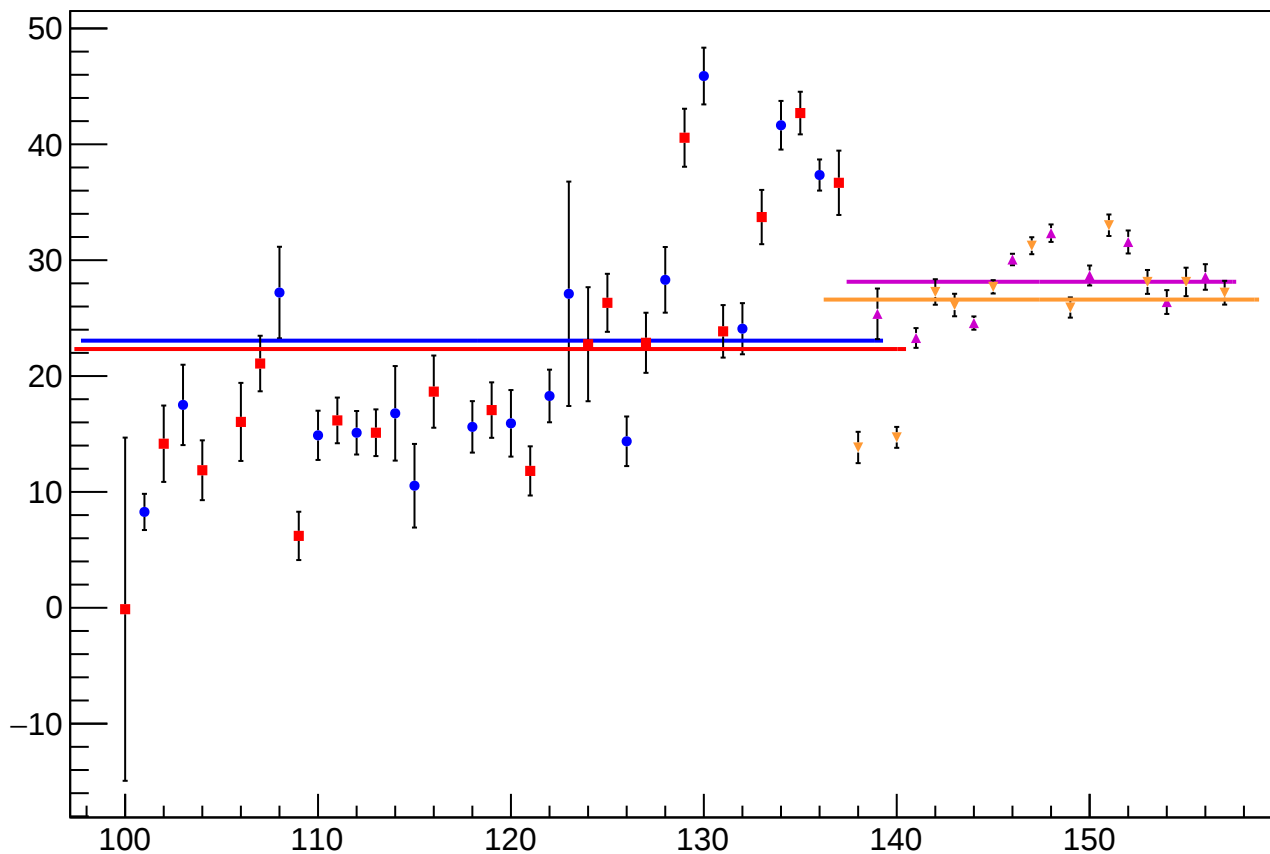
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -66.763 ± 0.298 χ^2/NDF : 3685.6/25

Out: -69.256 ± 0.305 χ^2/NDF : 3308.0/29

All: -67.978 ± 0.213 χ^2/NDF : 7027.8/55

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 26.600 ± 0.272 $\chi^2/\text{NDF}: 359.7/10$

Right Out: 22.331 ± 0.572 $\chi^2/\text{NDF}: 371.1/18$

Left In: 28.137 ± 0.262 $\chi^2/\text{NDF}: 134.1/8$

Left: 27.397 ± 0.188 $\chi^2/\text{NDF}: 510.4/19$

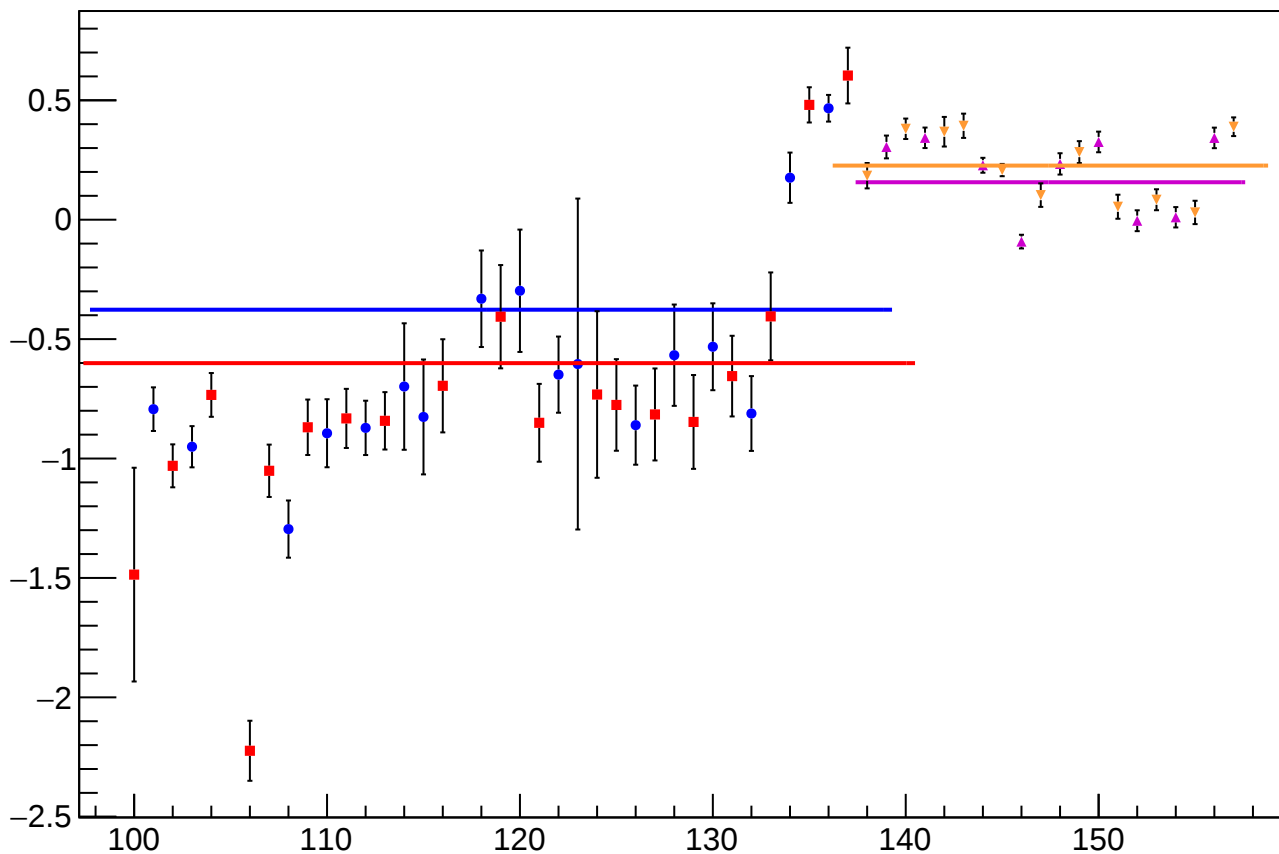
Right: 22.703 ± 0.399 $\chi^2/\text{NDF}: 833.0/35$

In: 27.218 ± 0.237 $\chi^2/\text{NDF}: 663.5/25$

Out: 25.815 ± 0.245 $\chi^2/\text{NDF}: 776.2/29$

All: 26.541 ± 0.170 $\chi^2/\text{NDF}: 1456.5/55$

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.227 ± 0.013 χ^2/NDF : 93.6/10

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.157 ± 0.013 χ^2/NDF : 171.0/8

Left: 0.192 ± 0.009 χ^2/NDF : 279.0/19

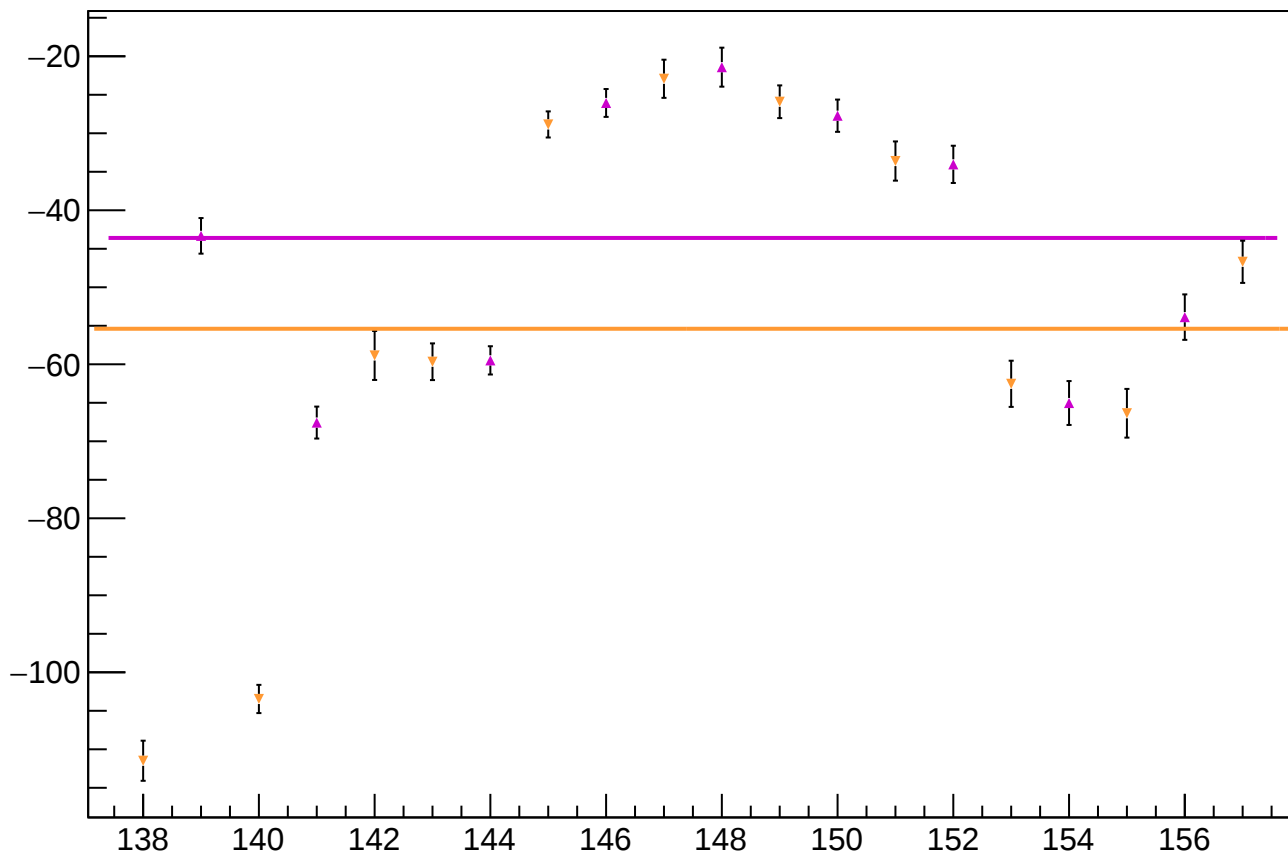
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.072 ± 0.012 χ^2/NDF : 873.1/25

Out: 0.097 ± 0.012 χ^2/NDF : 1282.9/29

All: 0.085 ± 0.008 χ^2/NDF : 2158.1/55

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -55.386+/-0.716 χ^2/NDF :1867.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.593+/-0.742 χ^2/NDF :520.9/8

Left: -49.704+/-0.515 χ^2/NDF : 2518.6/19

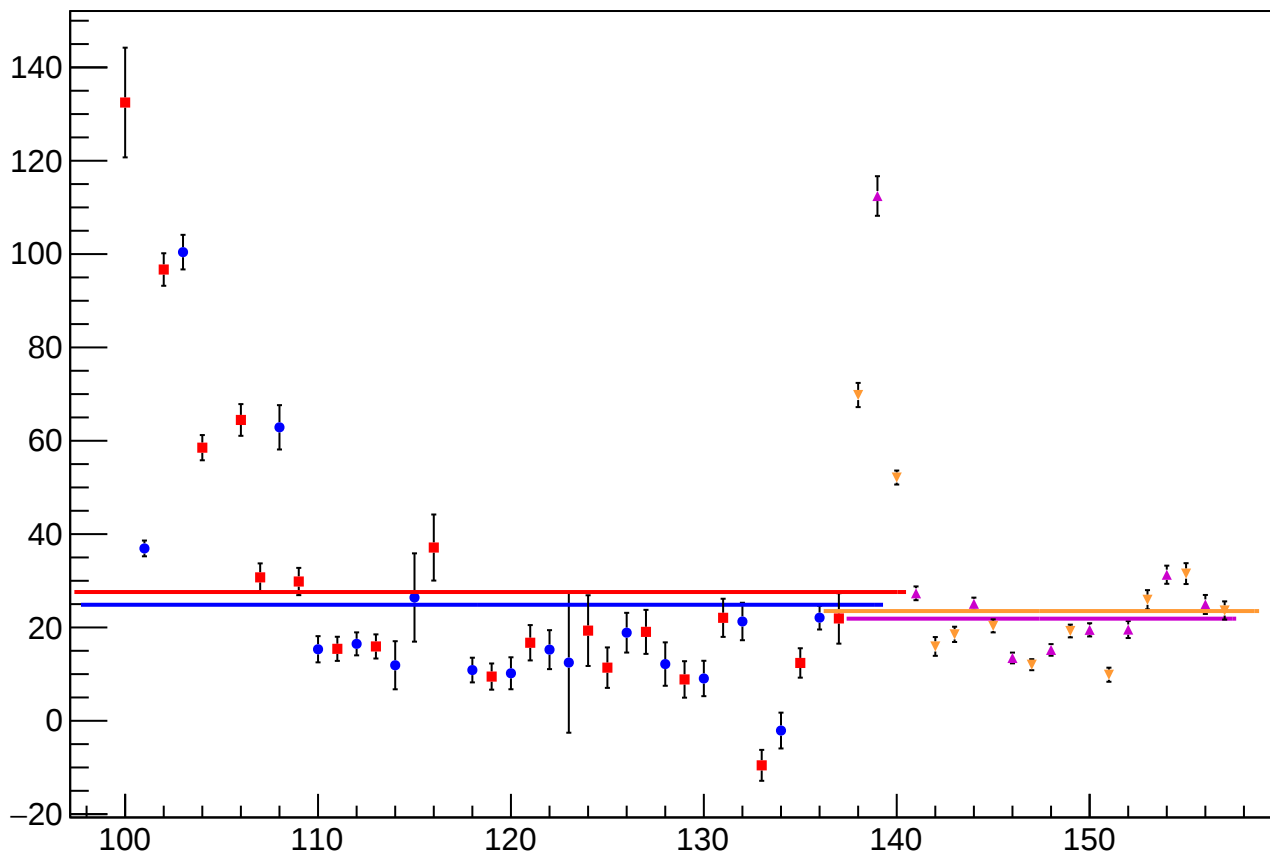
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.593+/-0.742 χ^2/NDF :520.9/8

Out: -55.386+/-0.716 χ^2/NDF :1867.0/10

All: -49.704+/-0.515 χ^2/NDF : 2518.6/19

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 23.514 ± 0.493 χ^2/NDF : 911.2/10

Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18

Left In: 21.886 ± 0.513 χ^2/NDF : 587.9/8

Left: 22.732 ± 0.355 χ^2/NDF : 1504.3/19

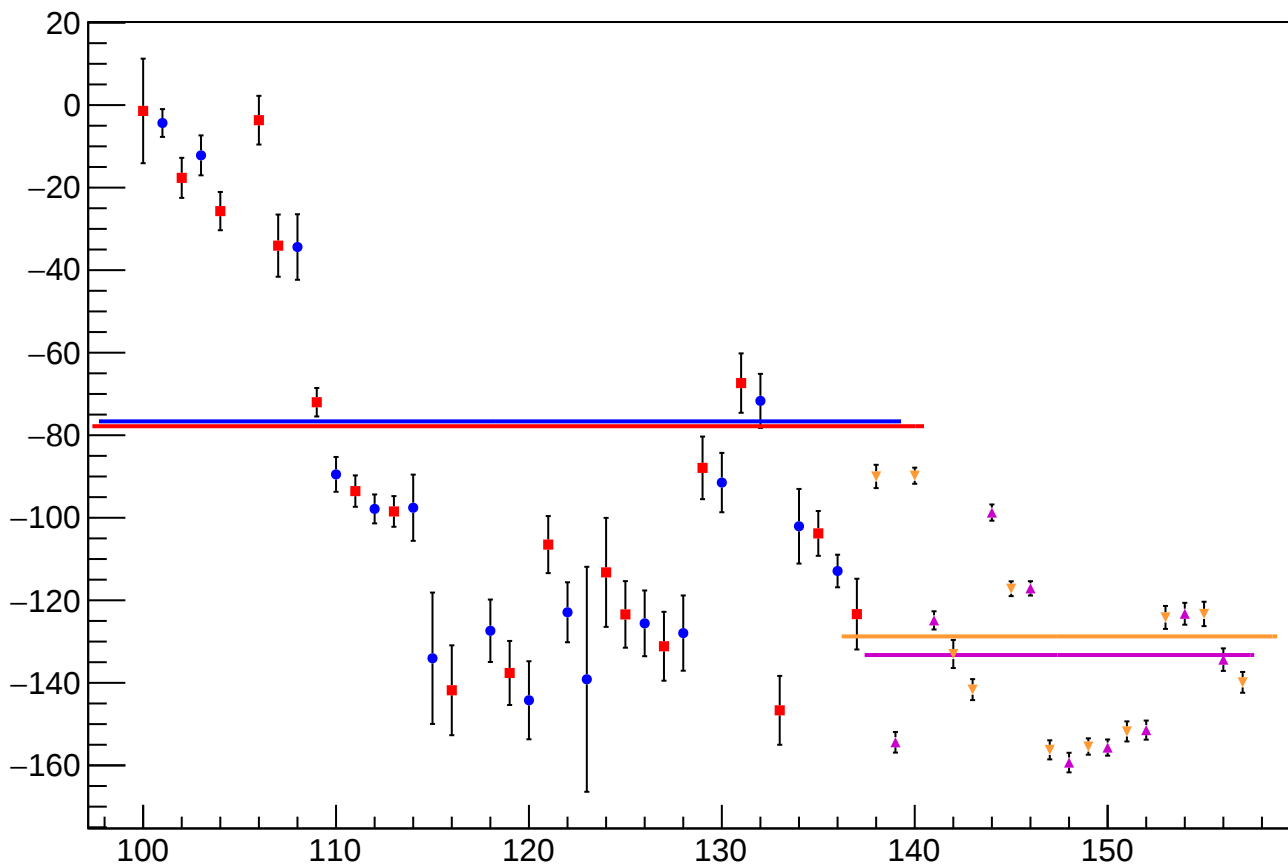
Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35

In: 22.750 ± 0.432 χ^2/NDF : 1288.7/25

Out: 24.618 ± 0.421 χ^2/NDF : 1940.7/29

All: 23.707 ± 0.302 χ^2/NDF : 3238.9/55

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -128.751 ± 0.716 $\chi^2/\text{NDF}: 1092.1/10$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -133.257 ± 0.734 $\chi^2/\text{NDF}: 808.2/8$

Left: -130.948 ± 0.513 $\chi^2/\text{NDF}: 1919.6/19$

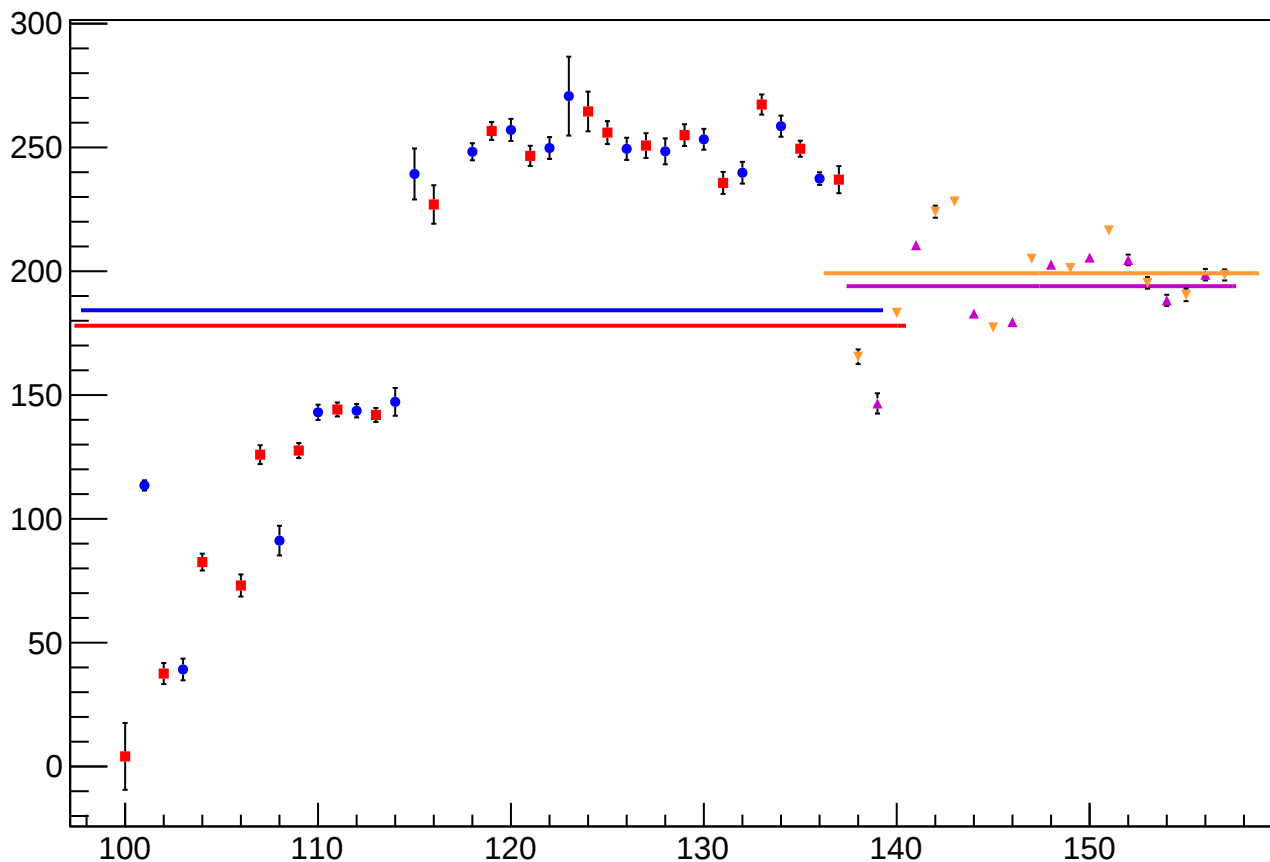
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -121.251 ± 0.652 $\chi^2/\text{NDF}: 3110.7/25$

Out: -117.598 ± 0.633 $\chi^2/\text{NDF}: 3073.8/29$

All: -119.371 ± 0.454 $\chi^2/\text{NDF}: 6200.6/55$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 199.180 $\pm$ 0.600 χ^2 /NDF:822.5/10

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 193.971 $\pm$ 0.622 χ^2 /NDF:484.0/8

Left: 196.671 $\pm$ 0.432 χ^2 /NDF: 1342.9/19

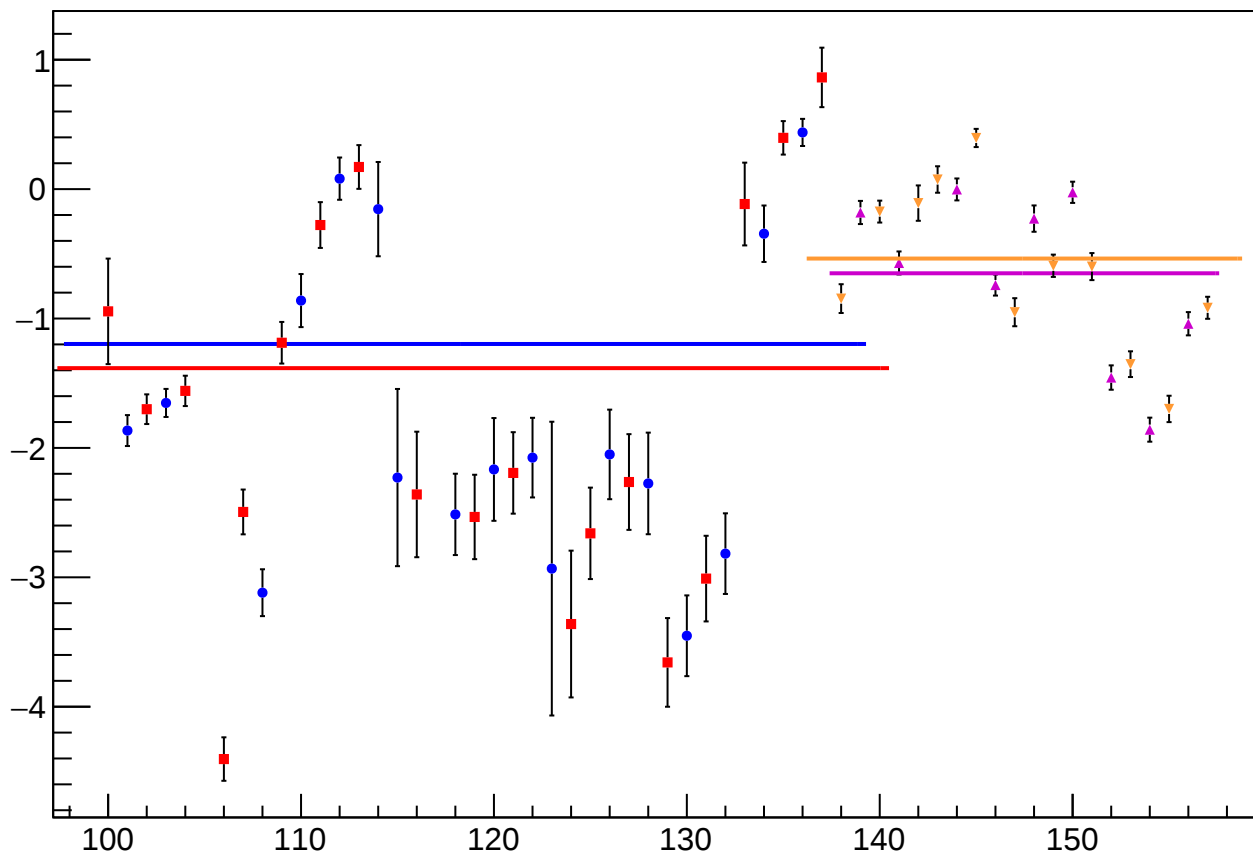
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 190.900 $\pm$ 0.514 χ^2 /NDF:5949.9/25

Out: 192.901 $\pm$ 0.503 χ^2 /NDF:7530.4/29

All: 191.923 $\pm$ 0.360 χ^2 /NDF: 13488.0/55

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.537 ± 0.029 χ^2/NDF : 479.9/10

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.650 ± 0.030 χ^2/NDF : 425.0/8

Left: -0.592 ± 0.021 χ^2/NDF : 912.5/19

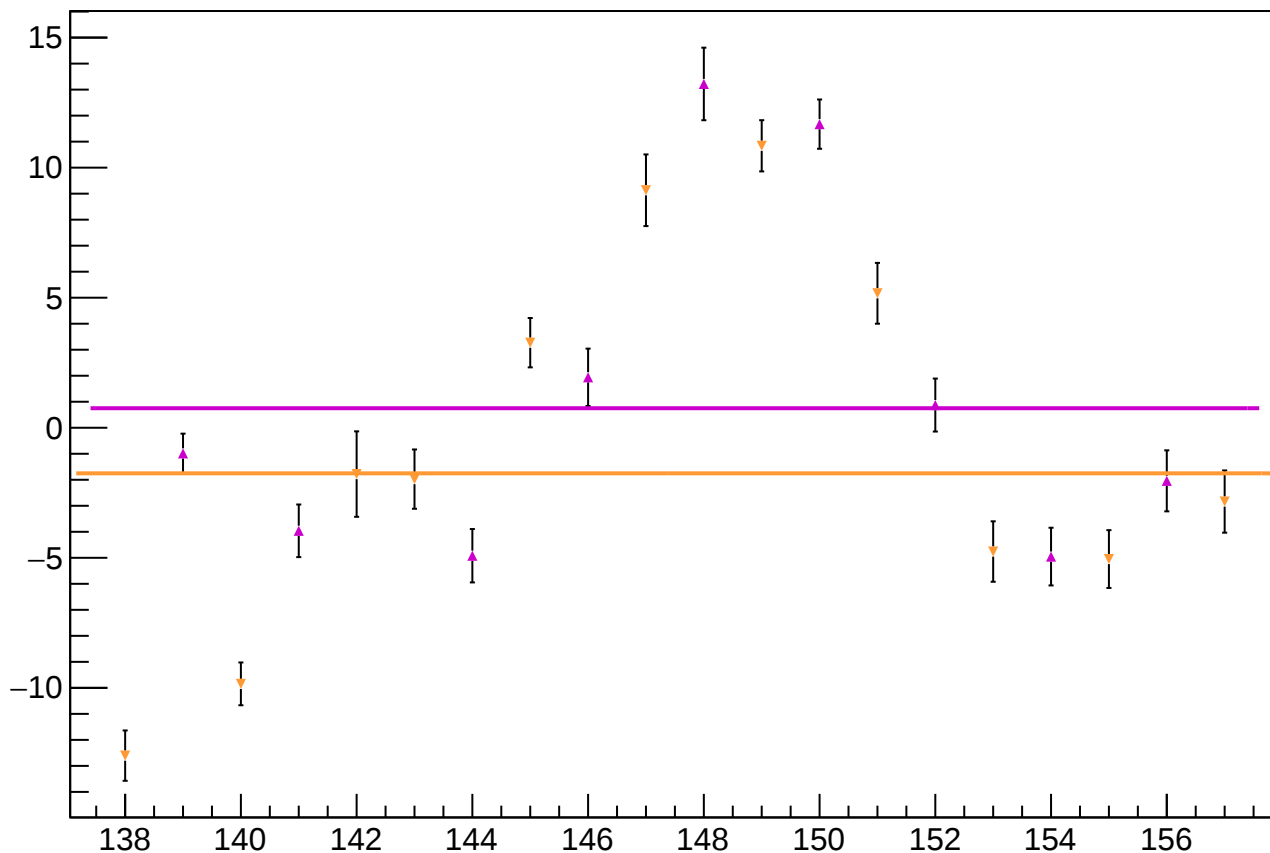
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.801 ± 0.025 χ^2/NDF : 1139.9/25

Out: -0.775 ± 0.024 χ^2/NDF : 1649.2/29

All: -0.787 ± 0.017 χ^2/NDF : 2789.7/55

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.752+/-0.327 χ^2/NDF : 528.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.751+/-0.341 χ^2/NDF : 303.6/8

Left: -0.551+/-0.236 χ^2/NDF : 859.8/19

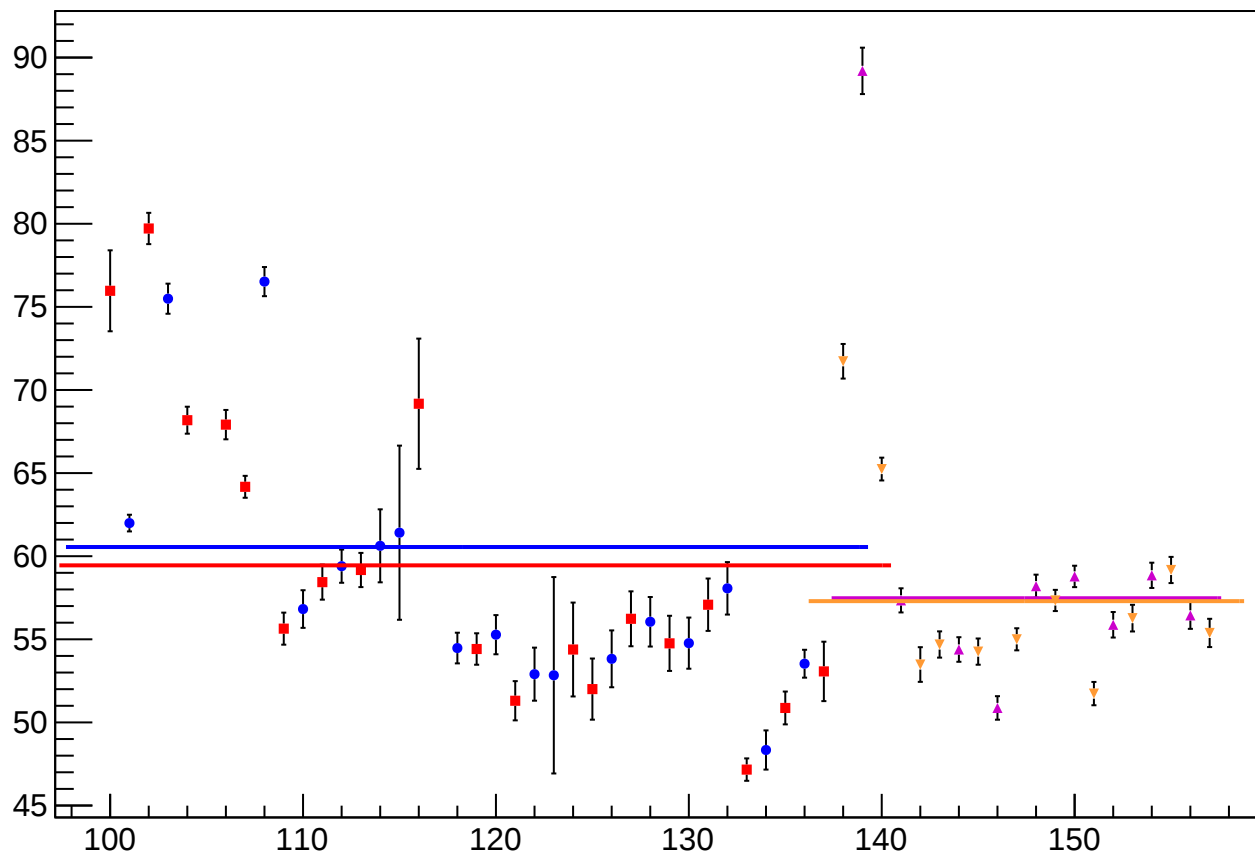
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.751+/-0.341 χ^2/NDF : 303.6/8

Out: -1.752+/-0.327 χ^2/NDF : 528.1/10

All: -0.551+/-0.236 χ^2/NDF : 859.8/19

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 57.296 ± 0.233 $\chi^2/\text{NDF}: 452.4/10$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 57.470 ± 0.253 $\chi^2/\text{NDF}: 635.4/8$

Left: 57.376 ± 0.171 $\chi^2/\text{NDF}: 1088.0/19$

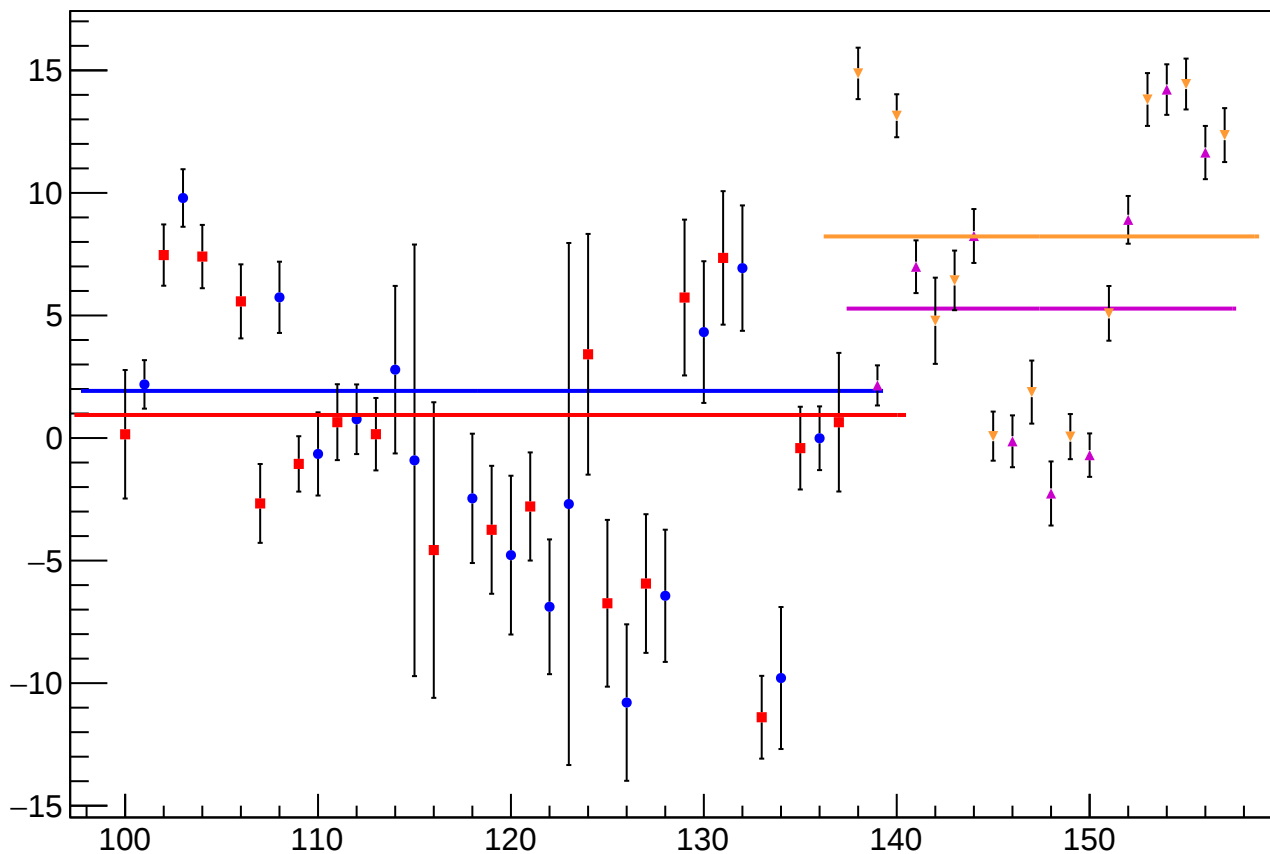
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 58.956 ± 0.182 $\chi^2/\text{NDF}: 1638.1/25$

Out: 58.305 ± 0.170 $\chi^2/\text{NDF}: 1813.8/29$

All: 58.608 ± 0.124 $\chi^2/\text{NDF}: 3458.8/55$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 8.225 ± 0.326 χ^2/NDF : 331.7/10

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 5.281 ± 0.338 χ^2/NDF : 252.7/8

Left: 6.804 ± 0.234 χ^2/NDF : 623.7/19

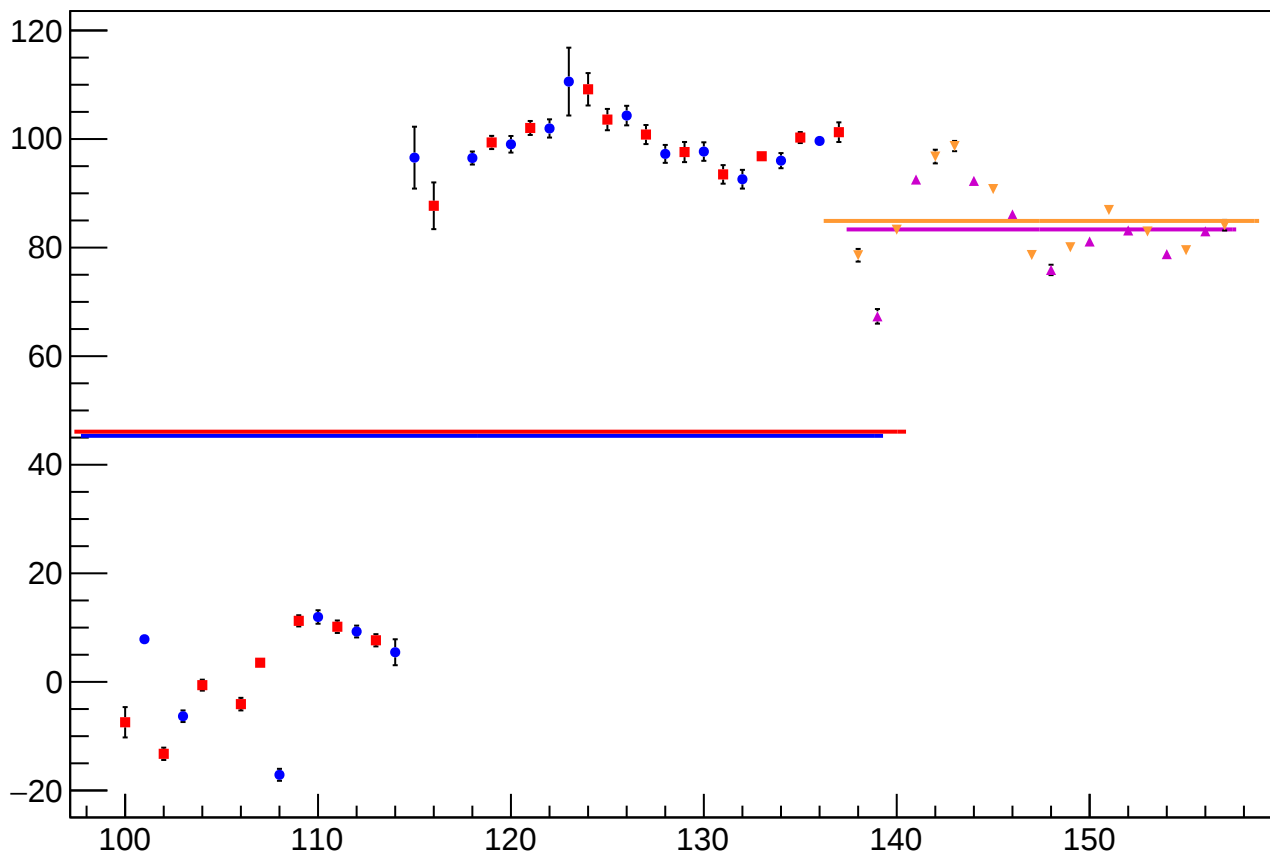
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 4.100 ± 0.272 χ^2/NDF : 408.6/25

Out: 5.518 ± 0.258 χ^2/NDF : 667.4/29

All: 4.845 ± 0.187 χ^2/NDF : 1090.2/55

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 84.914 $\pm$ 0.279 χ^2 /NDF:510.8/10

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 83.346 $\pm$ 0.300 χ^2 /NDF:464.8/8

Left: 84.187 $\pm$ 0.204 χ^2 /NDF: 990.2/19

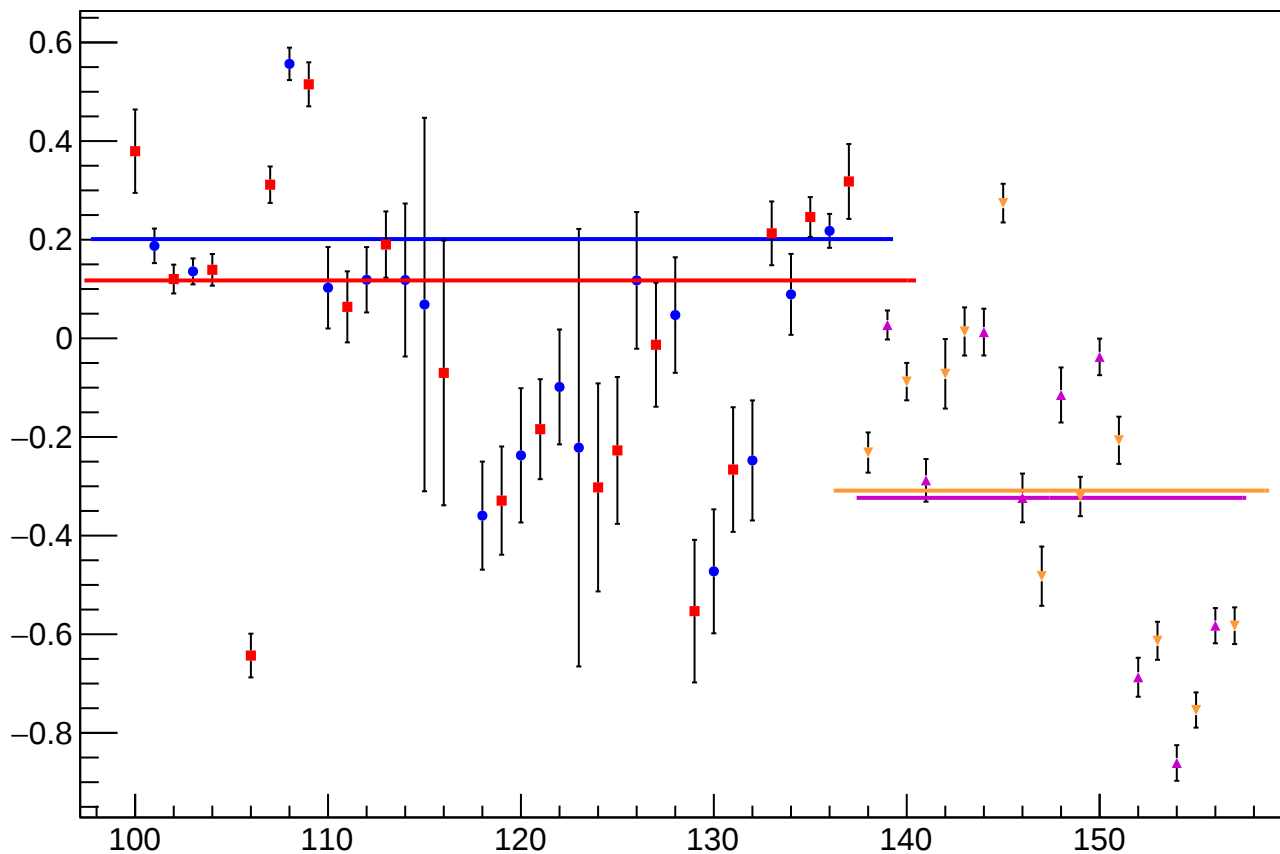
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 64.547 $\pm$ 0.213 χ^2 /NDF:33397.2/25

Out: 66.189 $\pm$ 0.201 χ^2 /NDF:38105.4/29

All: 65.418 $\pm$ 0.146 χ^2 /NDF: 71534.0/55

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.309 ± 0.013 $\chi^2/\text{NDF}: 597.9/10$

Right Out: 0.117 ± 0.013 $\chi^2/\text{NDF}: 499.5/18$

Left In: -0.323 ± 0.013 $\chi^2/\text{NDF}: 625.4/8$

Left: -0.316 ± 0.009 $\chi^2/\text{NDF}: 1223.9/19$

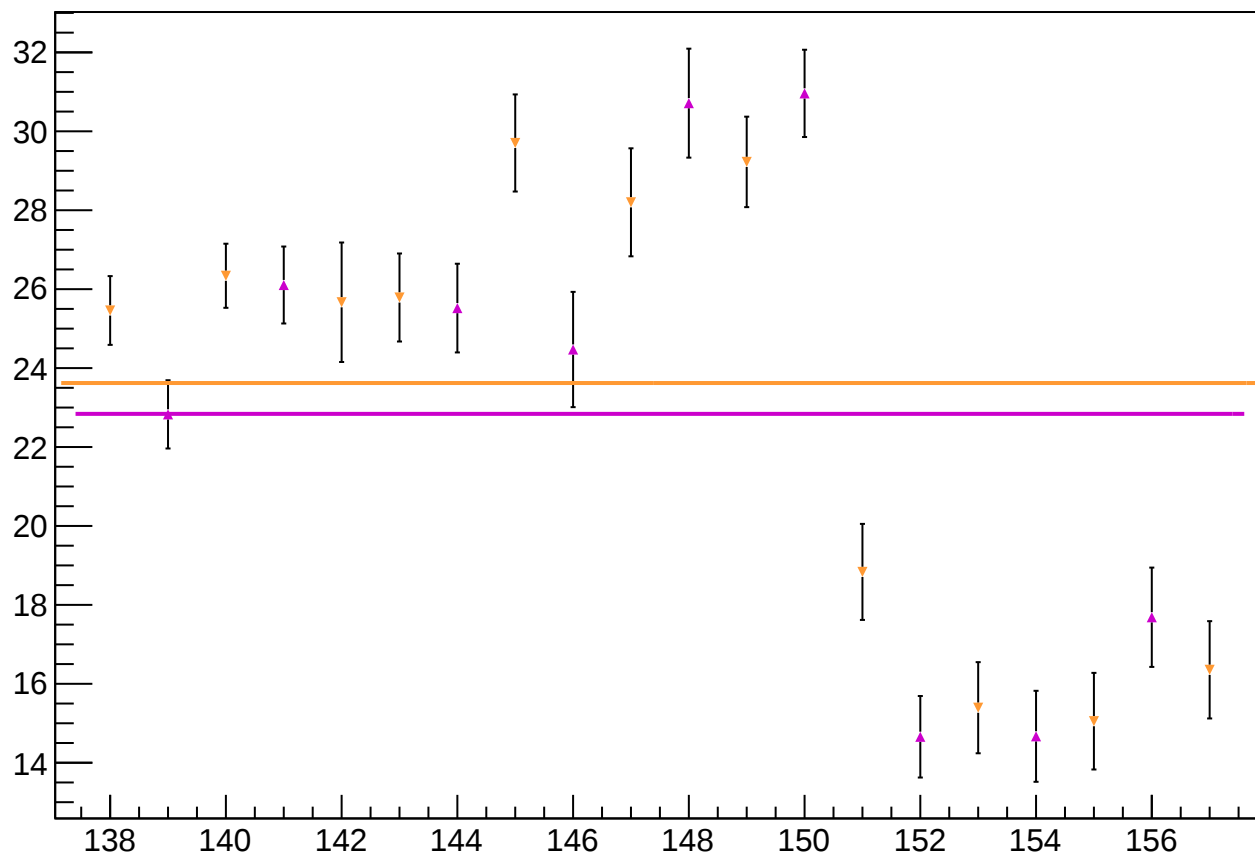
Right: 0.156 ± 0.010 $\chi^2/\text{NDF}: 735.9/35$

In: -0.078 ± 0.010 $\chi^2/\text{NDF}: 1586.8/25$

Out: -0.099 ± 0.009 $\chi^2/\text{NDF}: 1641.6/29$

All: -0.089 ± 0.007 $\chi^2/\text{NDF}: 3230.9/55$

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.622+/-0.337 χ^2/NDF :230.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.840+/-0.370 χ^2/NDF :234.4/8

Left: 23.267+/-0.249 χ^2/NDF : 467.6/19

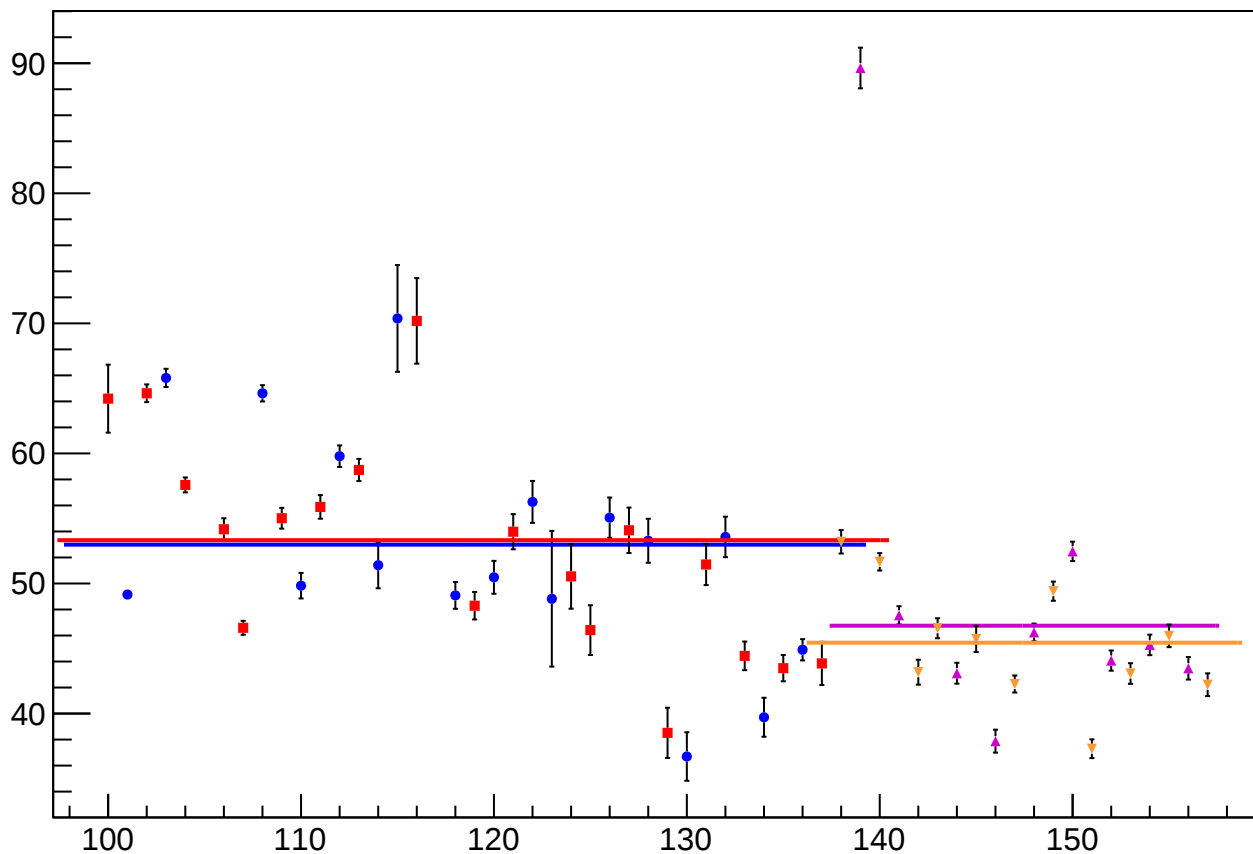
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.840+/-0.370 χ^2/NDF :234.4/8

Out: 23.622+/-0.337 χ^2/NDF :230.8/10

All: 23.267+/-0.249 χ^2/NDF : 467.6/19

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 45.448 $\pm$ 0.239 χ^2 /NDF:370.4/10

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 46.755 $\pm$ 0.269 χ^2 /NDF:964.4/8

Left: 46.025 $\pm$ 0.178 χ^2 /NDF: 1348.0/19

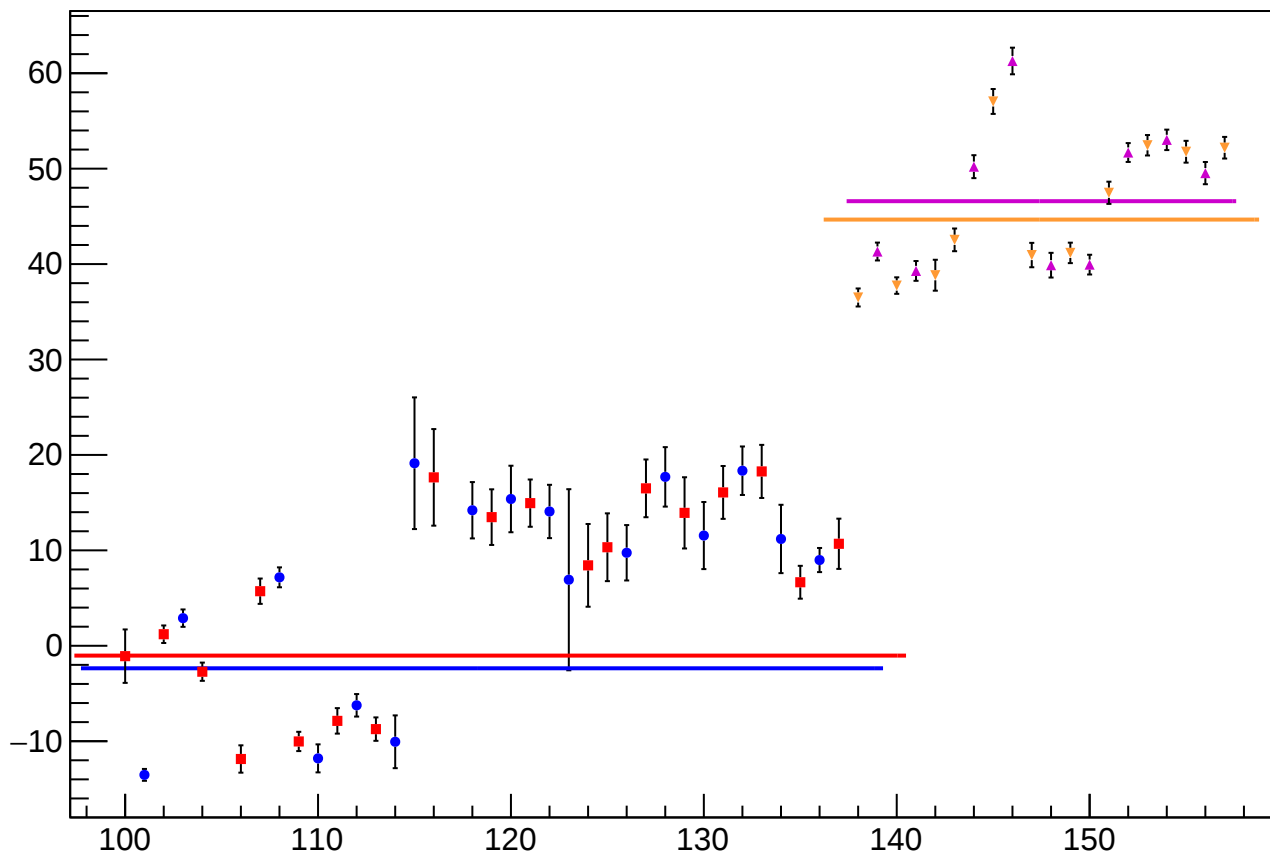
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 50.617 $\pm$ 0.166 χ^2 /NDF:2495.8/25

Out: 49.598 $\pm$ 0.164 χ^2 /NDF:1817.6/29

All: 50.104 $\pm$ 0.117 χ^2 /NDF: 4332.5/55

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 44.664 ± 0.338 χ^2/NDF : 405.3/10

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 46.591 ± 0.367 χ^2/NDF : 338.5/8

Left: 45.548 ± 0.248 χ^2/NDF : 758.7/19

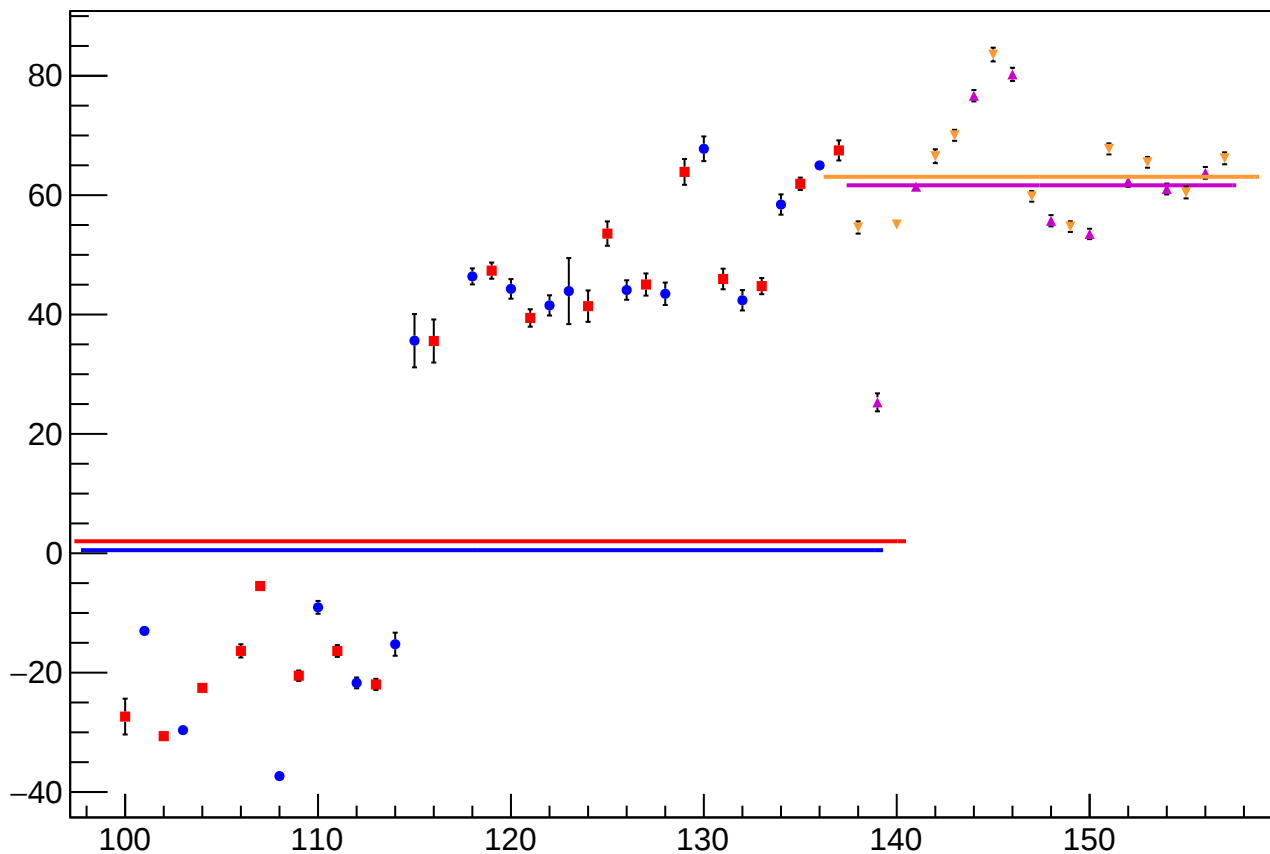
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 21.951 ± 0.258 χ^2/NDF : 10151.4/25

Out: 24.308 ± 0.251 χ^2/NDF : 9067.5/29

All: 23.161 ± 0.180 χ^2/NDF : 19261.6/55

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 63.076 ± 0.288 $\chi^2/\text{NDF}: 696.6/10$

Right Out: 2.013 ± 0.266 $\chi^2/\text{NDF}: 15473.7/18$

Left In: 61.650 ± 0.322 $\chi^2/\text{NDF}: 1246.9/8$

Left: 62.441 ± 0.215 $\chi^2/\text{NDF}: 1954.4/19$

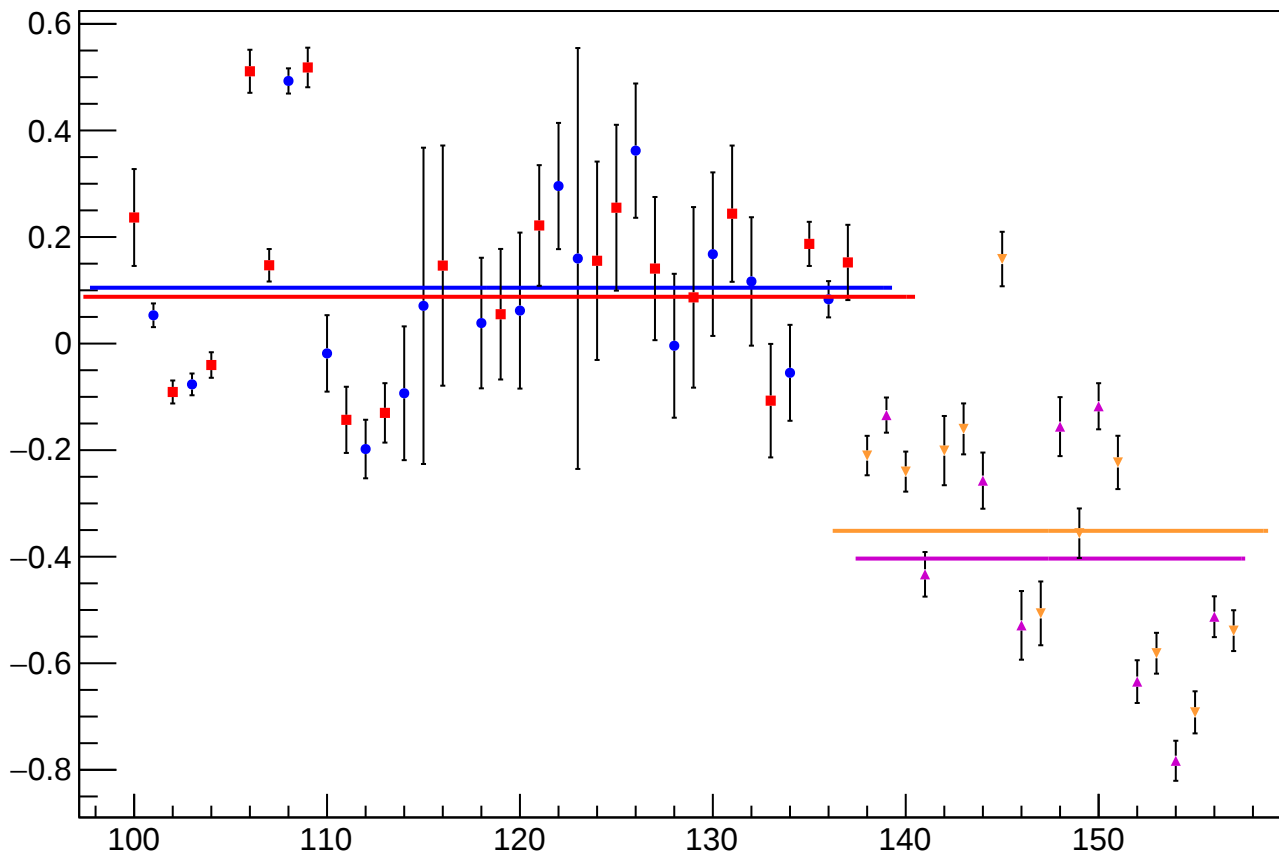
Right: 1.209 ± 0.181 $\chi^2/\text{NDF}: 33876.6/35$

In: 23.187 ± 0.196 $\chi^2/\text{NDF}: 42360.7/25$

Out: 30.156 ± 0.196 $\chi^2/\text{NDF}: 40395.3/29$

All: 26.677 ± 0.138 $\chi^2/\text{NDF}: 83390.1/55$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.351 ± 0.013 χ^2/NDF : 291.7/10

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.404 ± 0.014 χ^2/NDF : 285.4/8

Left: -0.376 ± 0.010 χ^2/NDF : 584.3/19

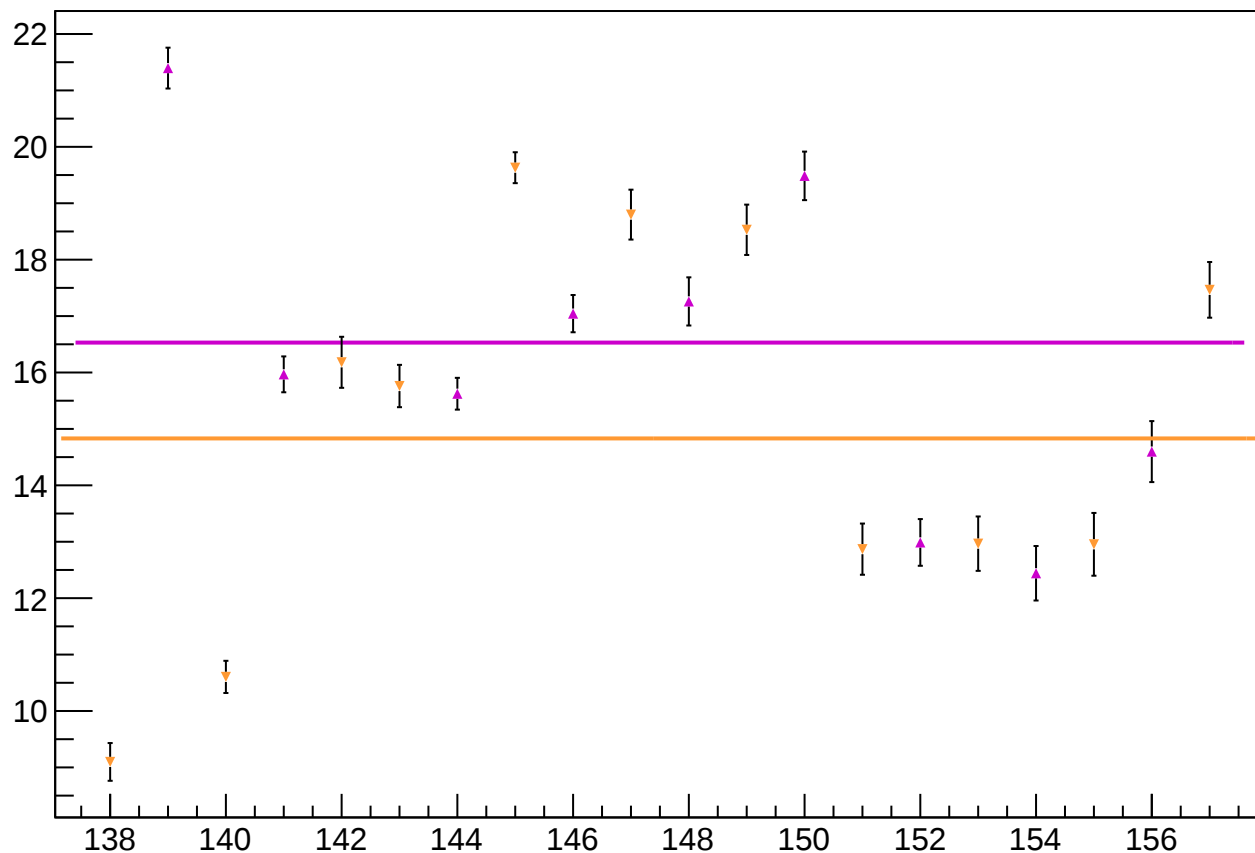
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: -0.087 ± 0.009 χ^2/NDF : 1485.2/25

Out: -0.090 ± 0.008 χ^2/NDF : 1329.4/29

All: -0.089 ± 0.006 χ^2/NDF : 2814.7/55

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.831+/-0.117 χ^2/NDF :1057.4/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.530+/-0.125 χ^2/NDF :404.3/8

Left: 15.622+/-0.085 χ^2/NDF : 1560.0/19

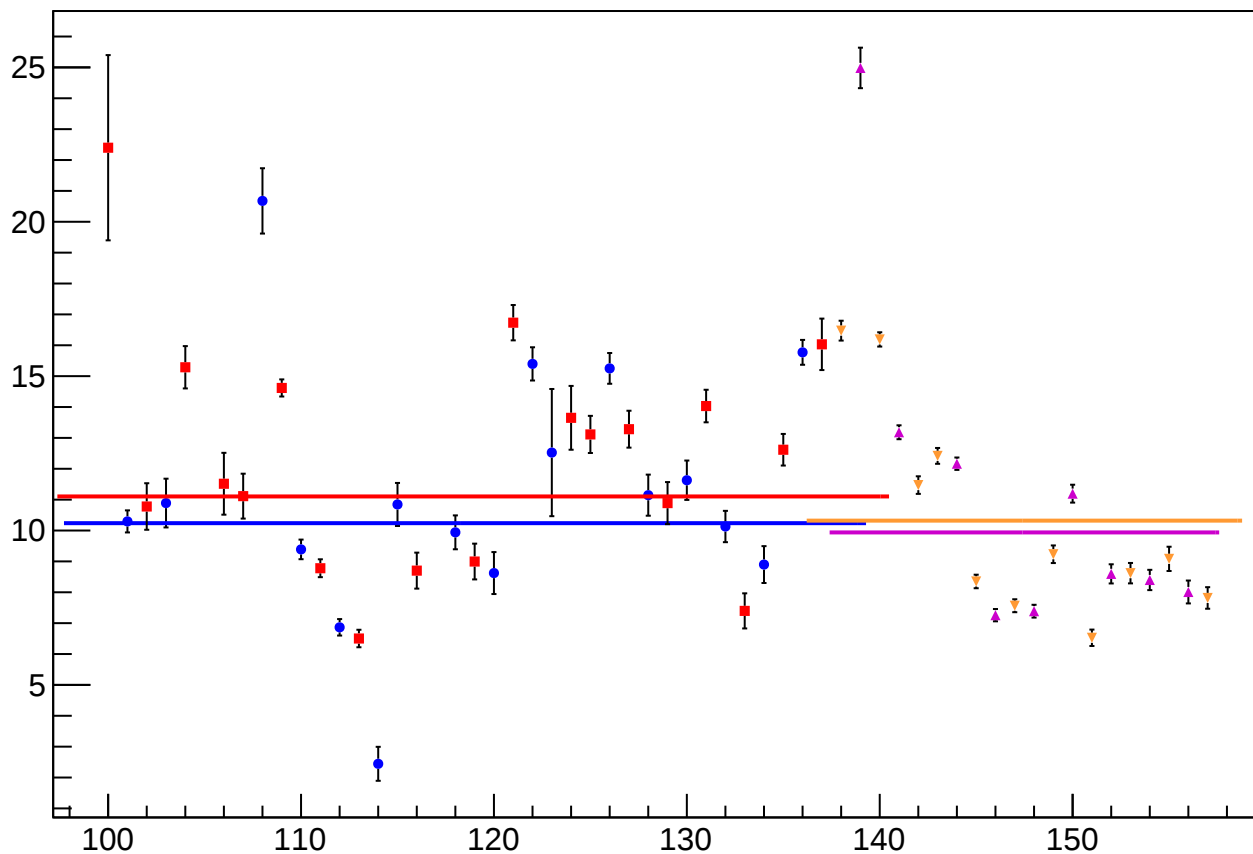
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.530+/-0.125 χ^2/NDF :404.3/8

Out: 14.831+/-0.117 χ^2/NDF :1057.4/10

All: 15.622+/-0.085 χ^2/NDF : 1560.0/19

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.320+/-0.082 χ^2/NDF :1652.6/10

Right Out: 11.104+/-0.116 χ^2/NDF : 815.2/18

Left In: 9.938+/-0.086 χ^2/NDF :1275.5/8

Left: 10.140+/-0.059 χ^2/NDF : 2938.4/19

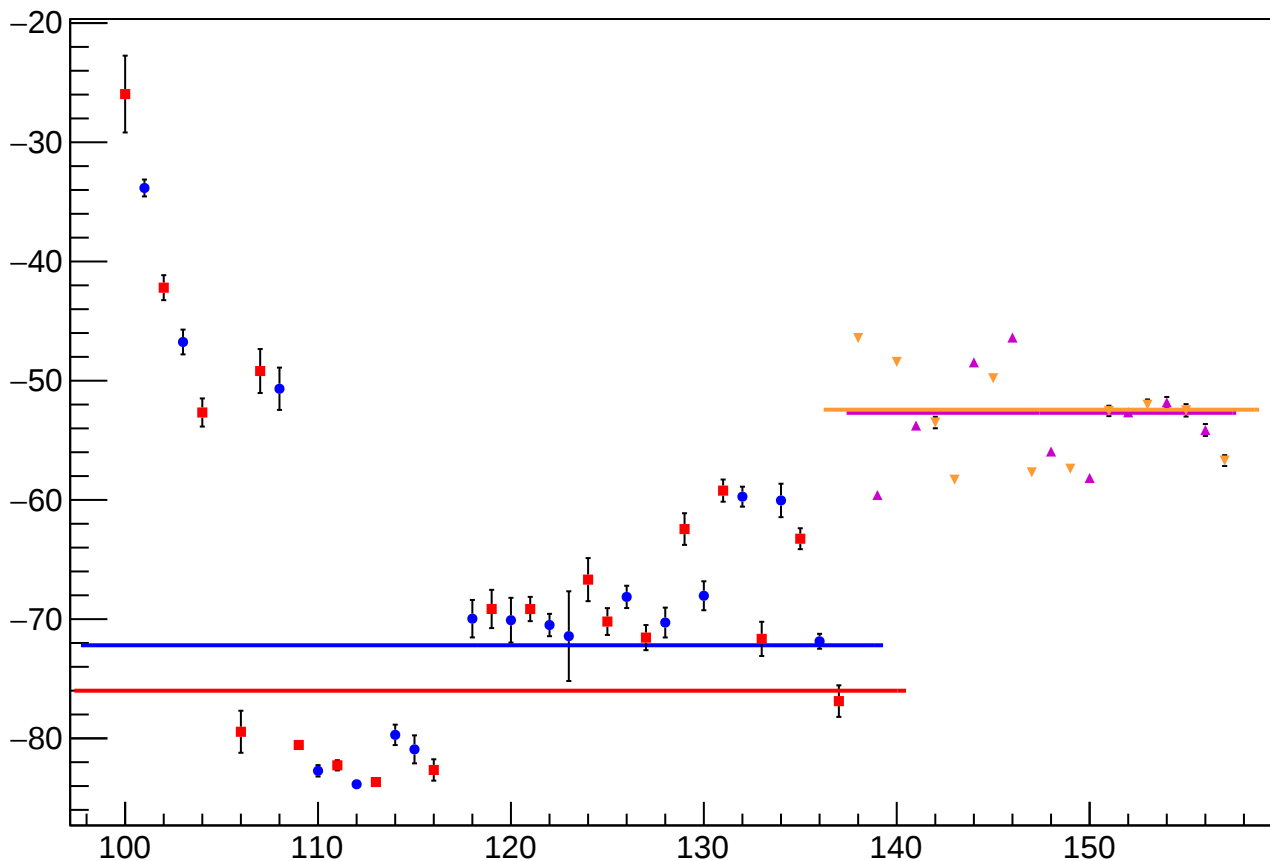
Right: 10.681+/-0.083 χ^2/NDF : 1709.6/35

In: 10.042+/-0.070 χ^2/NDF :2147.0/25

Out: 10.579+/-0.067 χ^2/NDF :2498.2/29

All: 10.322+/-0.048 χ^2/NDF : 4676.1/55

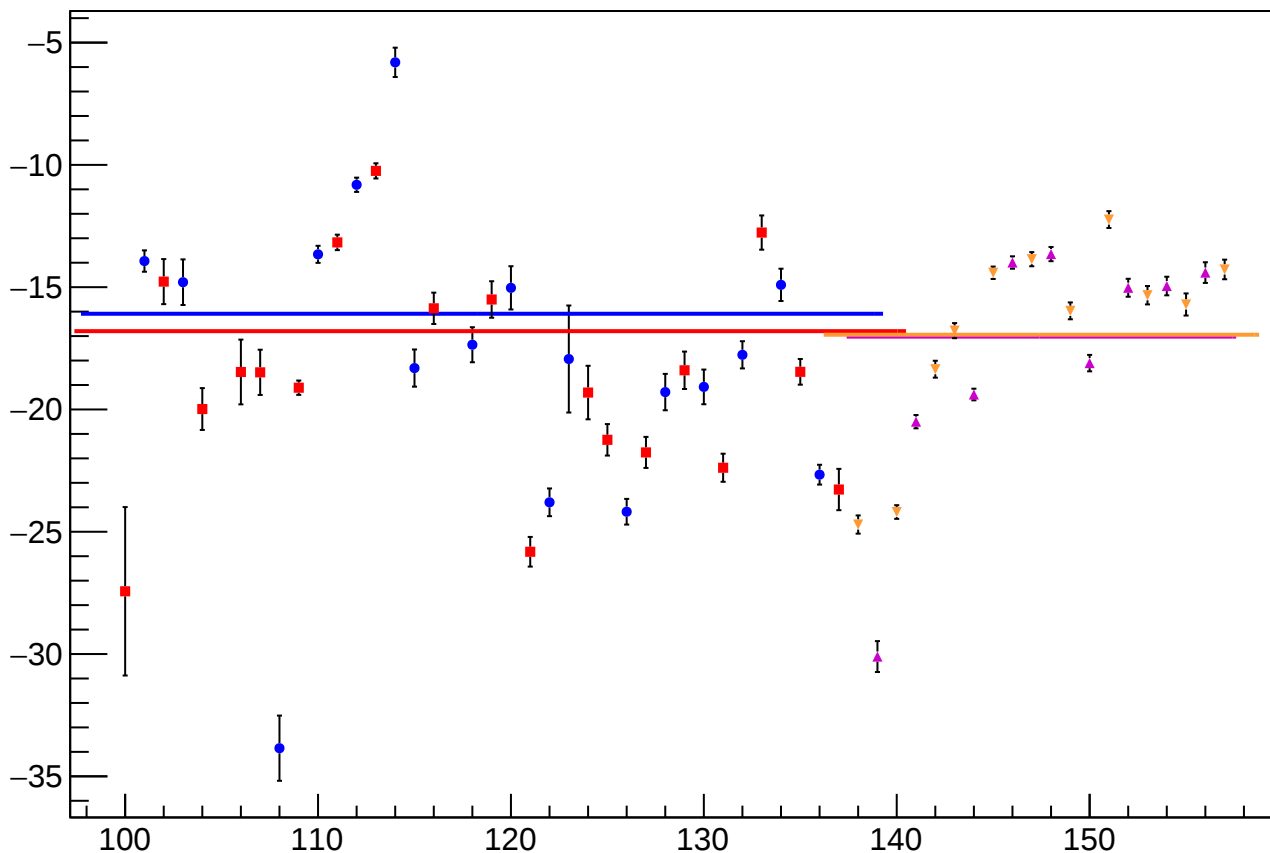
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16
 Left Out: -52.431 ± 0.119 χ^2/NDF : 1142.9/10
 Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18
 Left In: -52.693 ± 0.125 χ^2/NDF : 1176.4/8

Left: -52.555 ± 0.086 χ^2/NDF : 2321.6/19
 Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35
 In: -58.245 ± 0.106 χ^2/NDF : 13666.9/25
 Out: -59.514 ± 0.099 χ^2/NDF : 16479.7/29
 All: -58.920 ± 0.072 χ^2/NDF : 30223.1/55

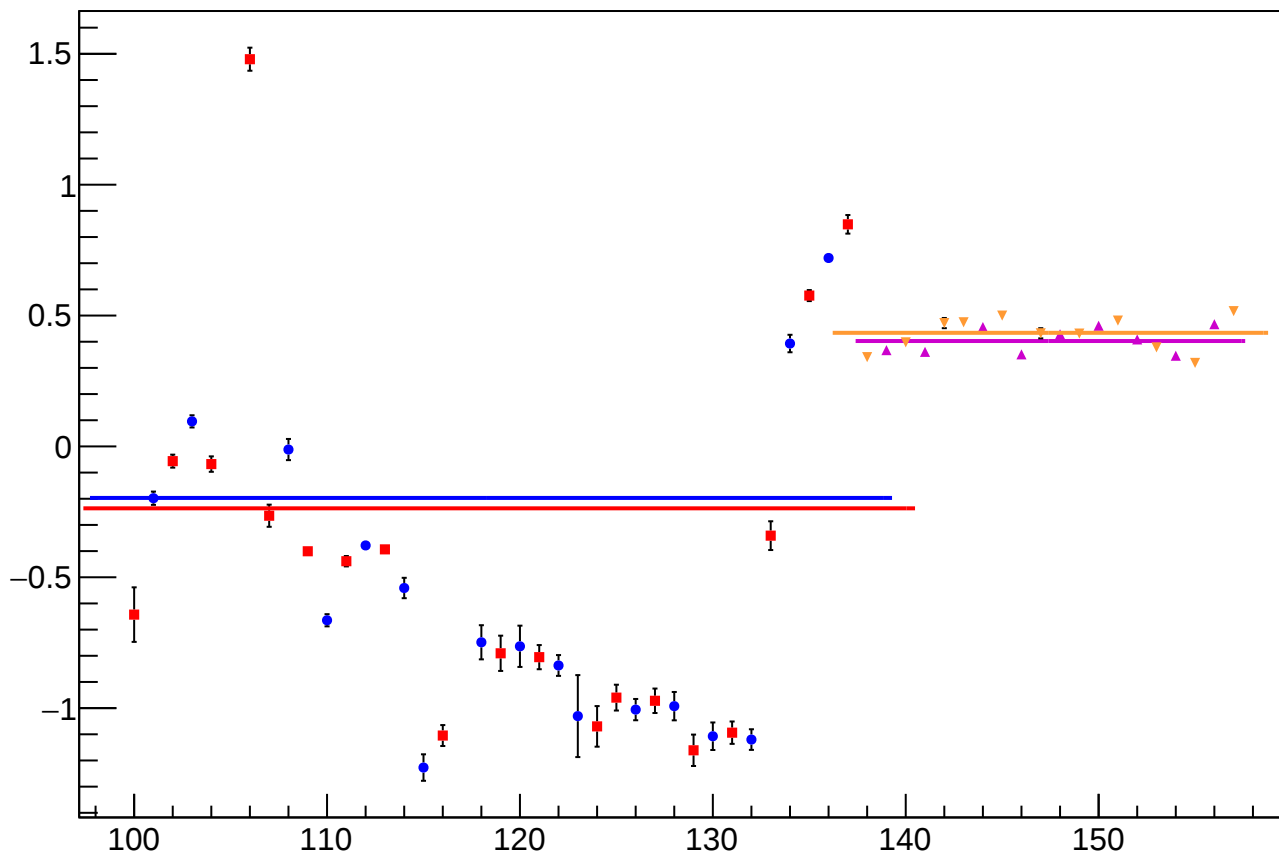
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -16.944 ± 0.099 $\chi^2/\text{NDF}: 1601.3/10$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -17.022 ± 0.105 $\chi^2/\text{NDF}: 1077.6/8$

Left: -16.980 ± 0.072 $\chi^2/\text{NDF}: 2679.2/19$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -16.659 ± 0.082 $\chi^2/\text{NDF}: 2729.8/25$
 Out: -16.889 ± 0.078 $\chi^2/\text{NDF}: 2816.1/29$
 All: -16.780 ± 0.057 $\chi^2/\text{NDF}: 5550.0/55$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 $\chi^2/\text{NDF}: 6329.9/16$

Left Out: 0.434 ± 0.005 $\chi^2/\text{NDF}: 180.3/10$

Right Out: -0.237 ± 0.007 $\chi^2/\text{NDF}: 6220.2/18$

Left In: 0.403 ± 0.005 $\chi^2/\text{NDF}: 86.4/8$

Left: 0.419 ± 0.003 $\chi^2/\text{NDF}: 287.2/19$

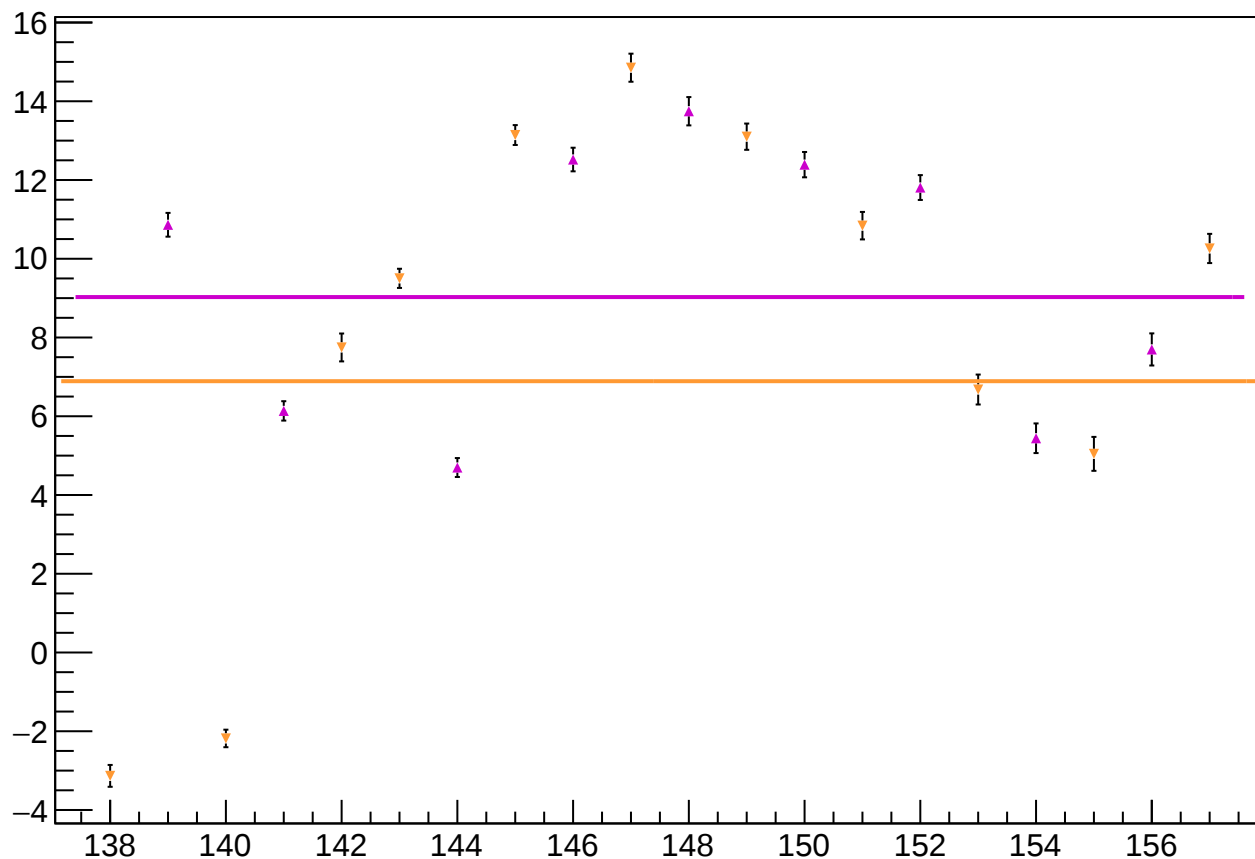
Right: -0.218 ± 0.005 $\chi^2/\text{NDF}: 12564.6/35$

In: 0.218 ± 0.004 $\chi^2/\text{NDF}: 10783.5/25$

Out: 0.230 ± 0.004 $\chi^2/\text{NDF}: 12482.8/29$

All: 0.224 ± 0.003 $\chi^2/\text{NDF}: 23270.4/55$

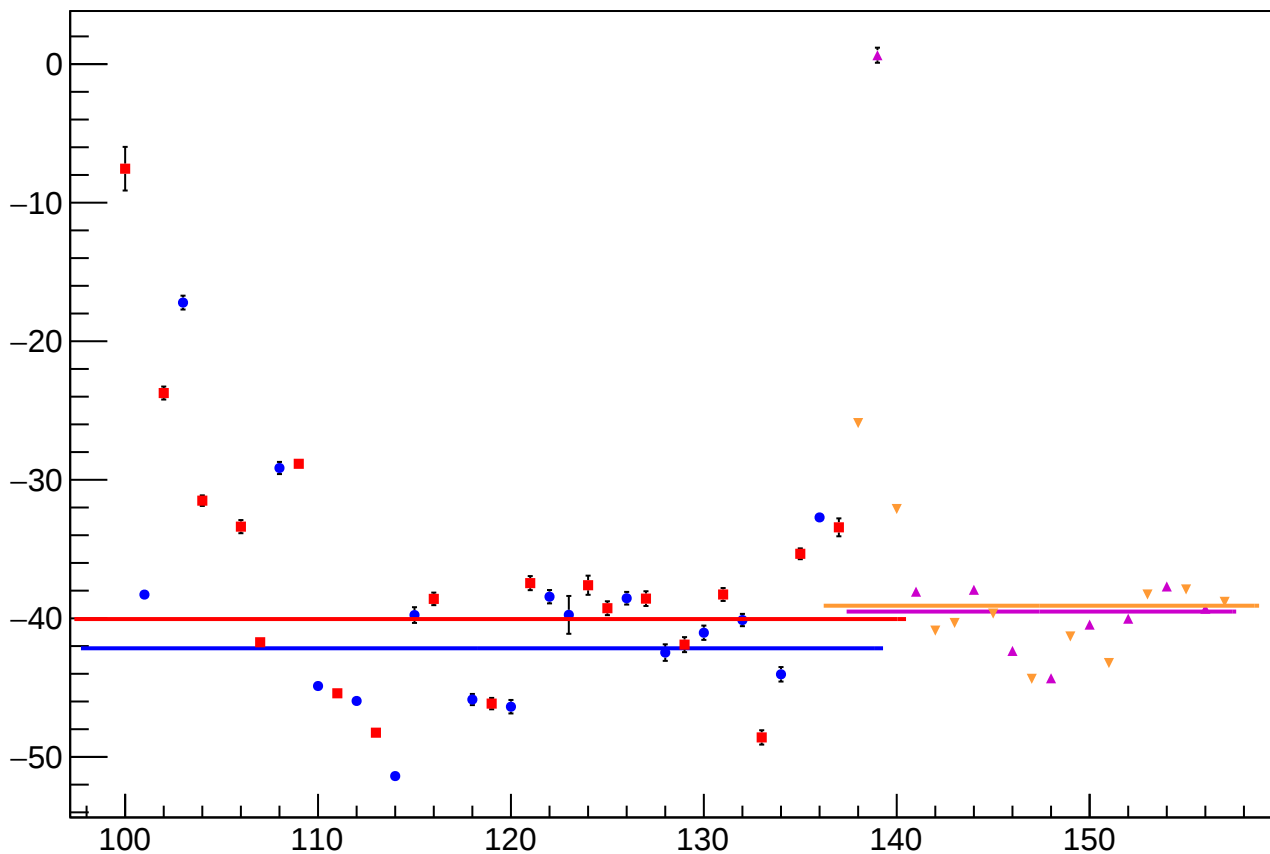
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.890+/-0.092 χ^2/NDF :4773.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.027+/-0.102 χ^2/NDF :1095.7/8

Left: 7.850+/-0.068 χ^2/NDF : 6111.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.027+/-0.102 χ^2/NDF :1095.7/8
 Out: 6.890+/-0.092 χ^2/NDF :4773.3/10
 All: 7.850+/-0.068 χ^2/NDF : 6111.5/19

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -39.087 ± 0.064 $\chi^2/\text{NDF}: 5513.9/10$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -39.510 ± 0.071 $\chi^2/\text{NDF}: 6643.3/8$

Left: -39.276 ± 0.048 $\chi^2/\text{NDF}: 12176.9/19$

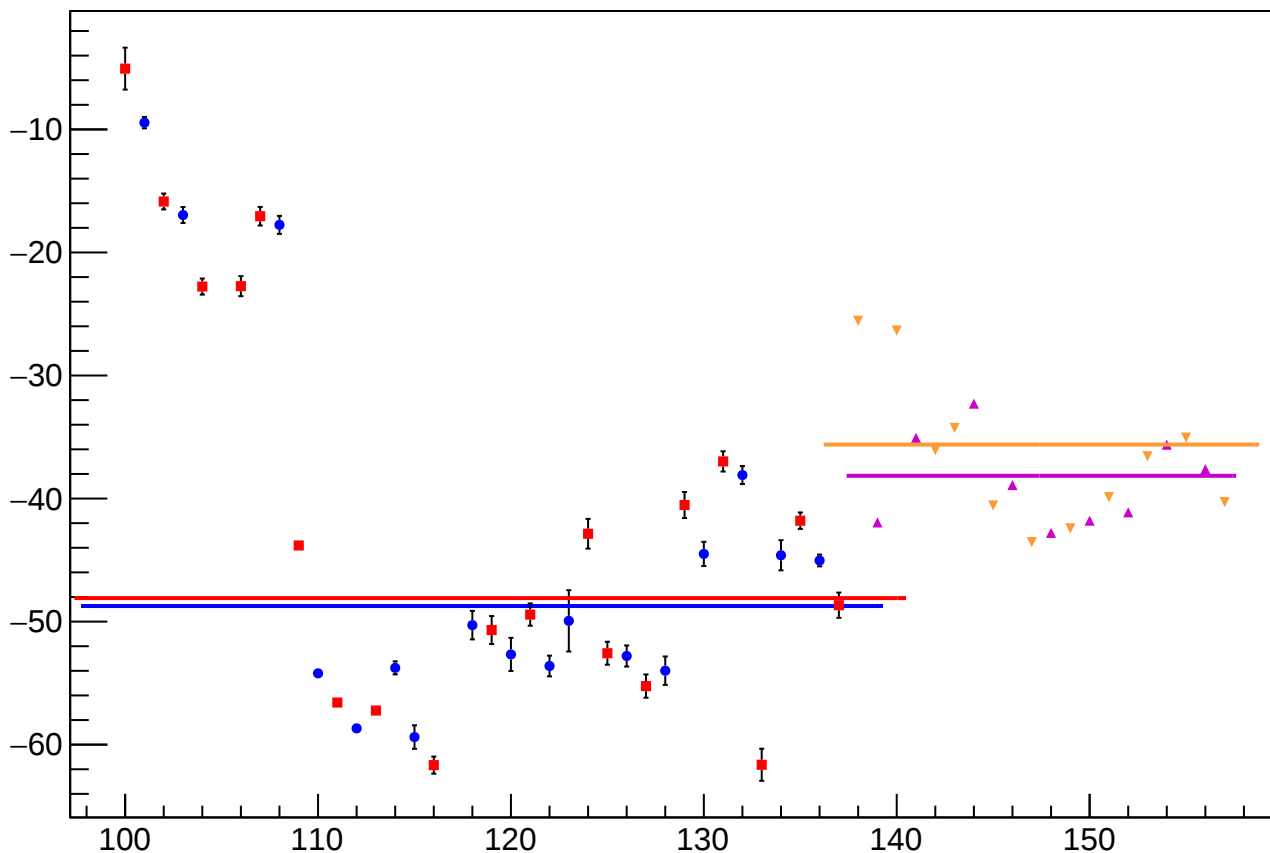
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.713 ± 0.052 $\chi^2/\text{NDF}: 13845.8/25$

Out: -39.507 ± 0.048 $\chi^2/\text{NDF}: 16924.1/29$

All: -40.057 ± 0.035 $\chi^2/\text{NDF}: 31056.8/55$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.612 ± 0.093 $\chi^2/\text{NDF}: 4418.8/10$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.150 ± 0.101 $\chi^2/\text{NDF}: 1286.9/8$

Left: -36.771 ± 0.069 $\chi^2/\text{NDF}: 6045.6/19$

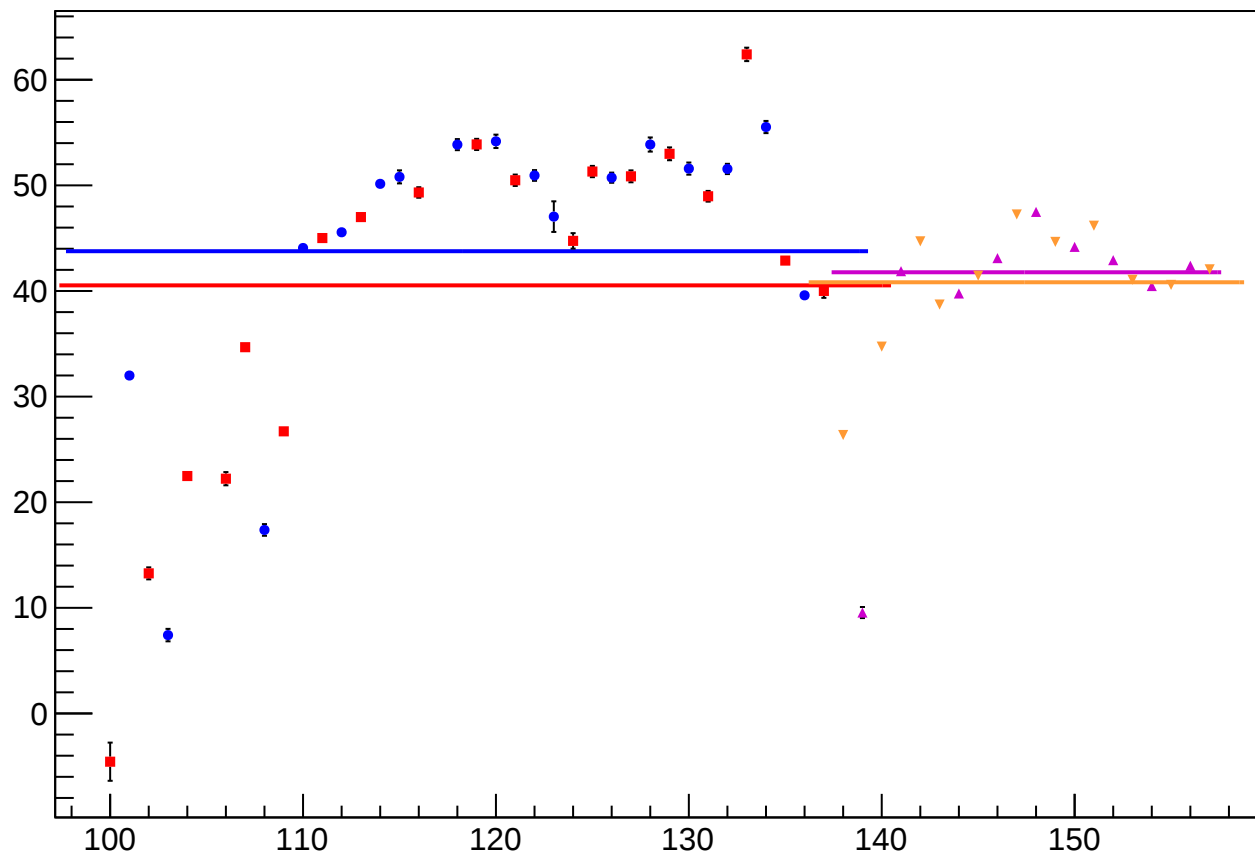
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.366 ± 0.079 $\chi^2/\text{NDF}: 20281.4/25$

Out: -40.970 ± 0.070 $\chi^2/\text{NDF}: 23877.0/29$

All: -41.589 ± 0.052 $\chi^2/\text{NDF}: 44333.3/55$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767+/-0.087 χ^2/NDF : 10633.5/16

Left Out: 40.825+/-0.078 χ^2/NDF : 4663.8/10

Right Out: 40.531+/-0.080 χ^2/NDF : 17580.8/18

Left In: 41.772+/-0.086 χ^2/NDF : 4582.6/8

Left: 41.250+/-0.058 χ^2/NDF : 9313.2/19

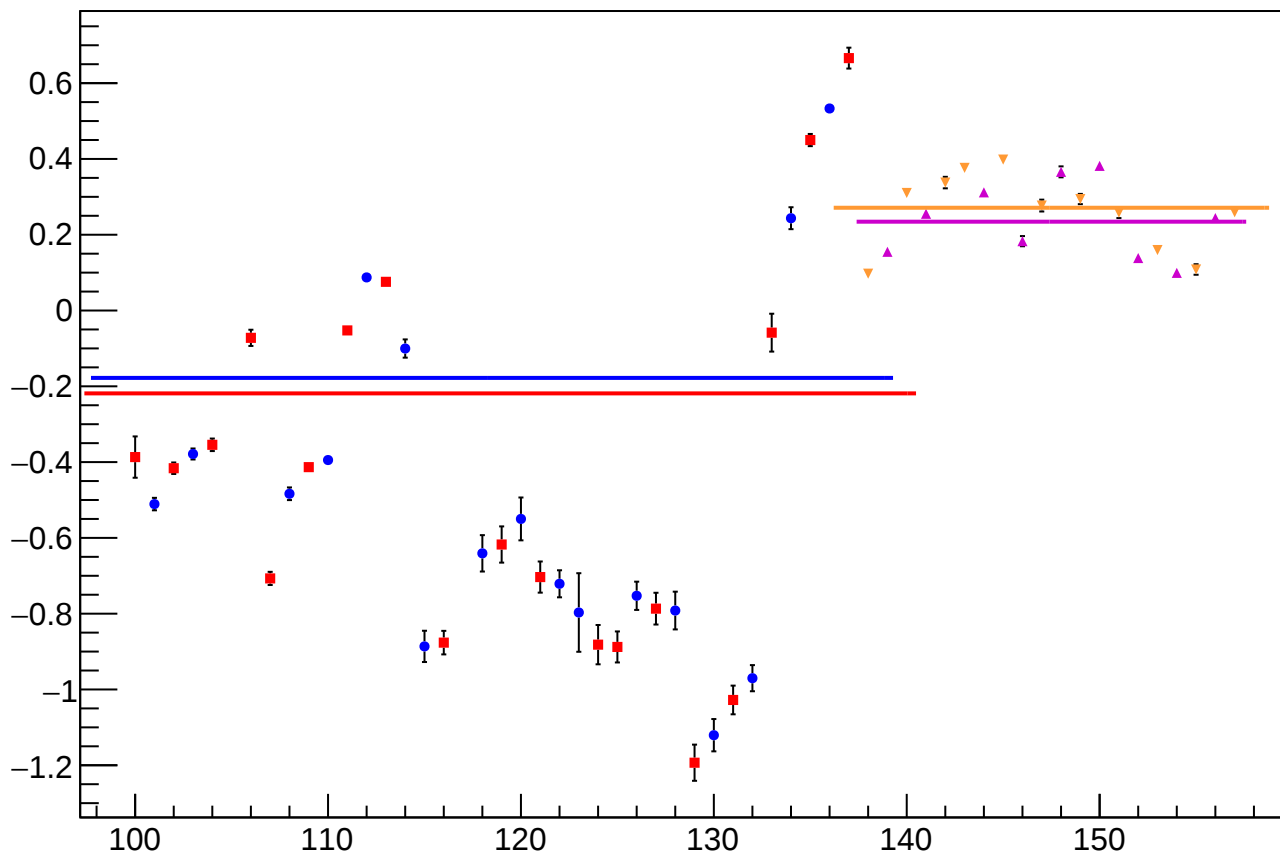
Right: 42.021+/-0.059 χ^2/NDF : 28963.8/35

In: 42.761+/-0.061 χ^2/NDF : 15482.5/25

Out: 40.683+/-0.056 χ^2/NDF : 22251.6/29

All: 41.627+/-0.041 χ^2/NDF : 38364.4/55

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.271 ± 0.004 χ^2/NDF : 713.1/10

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.234 ± 0.004 χ^2/NDF : 515.6/8

Left: 0.254 ± 0.003 χ^2/NDF : 1273.4/19

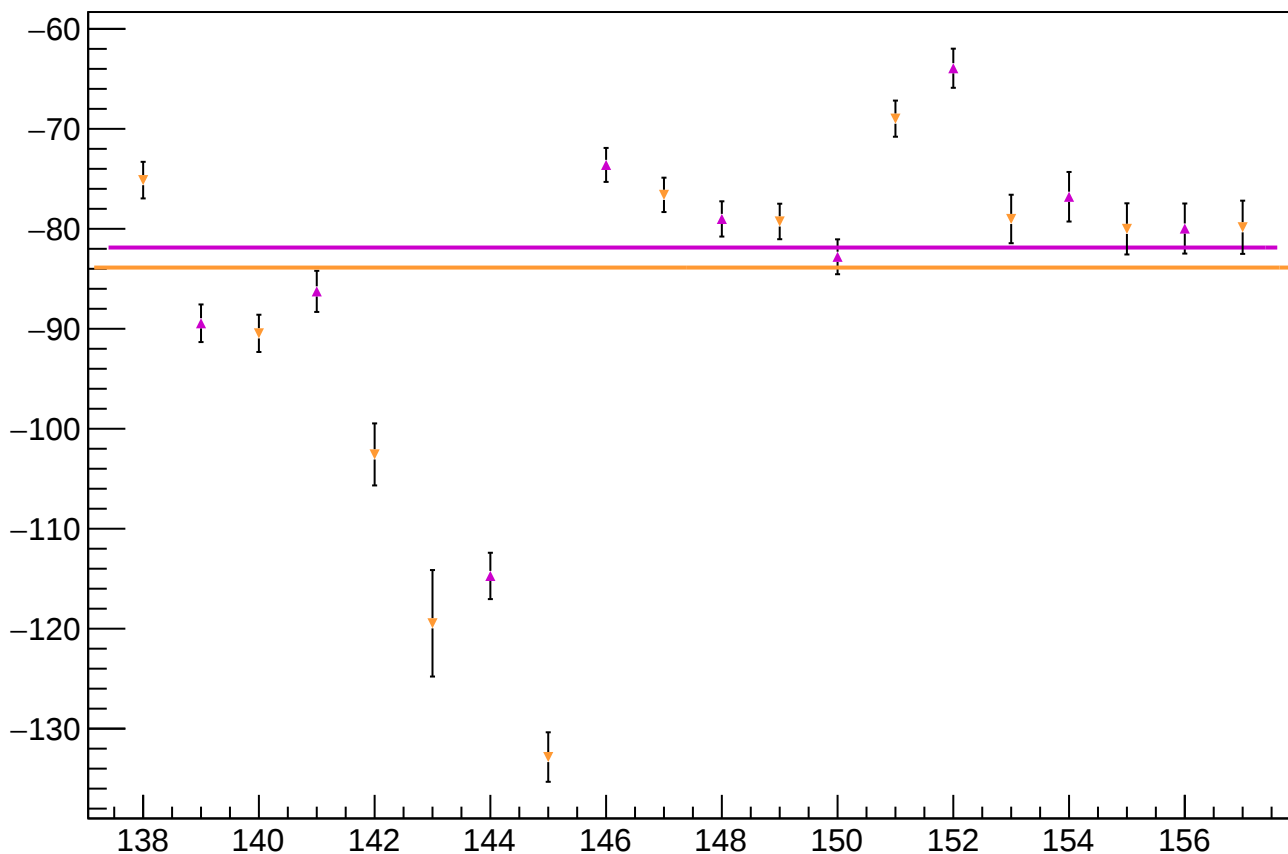
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.064 ± 0.003 χ^2/NDF : 12138.7/25

Out: 0.062 ± 0.003 χ^2/NDF : 15602.7/29

All: 0.063 ± 0.002 χ^2/NDF : 27741.9/55

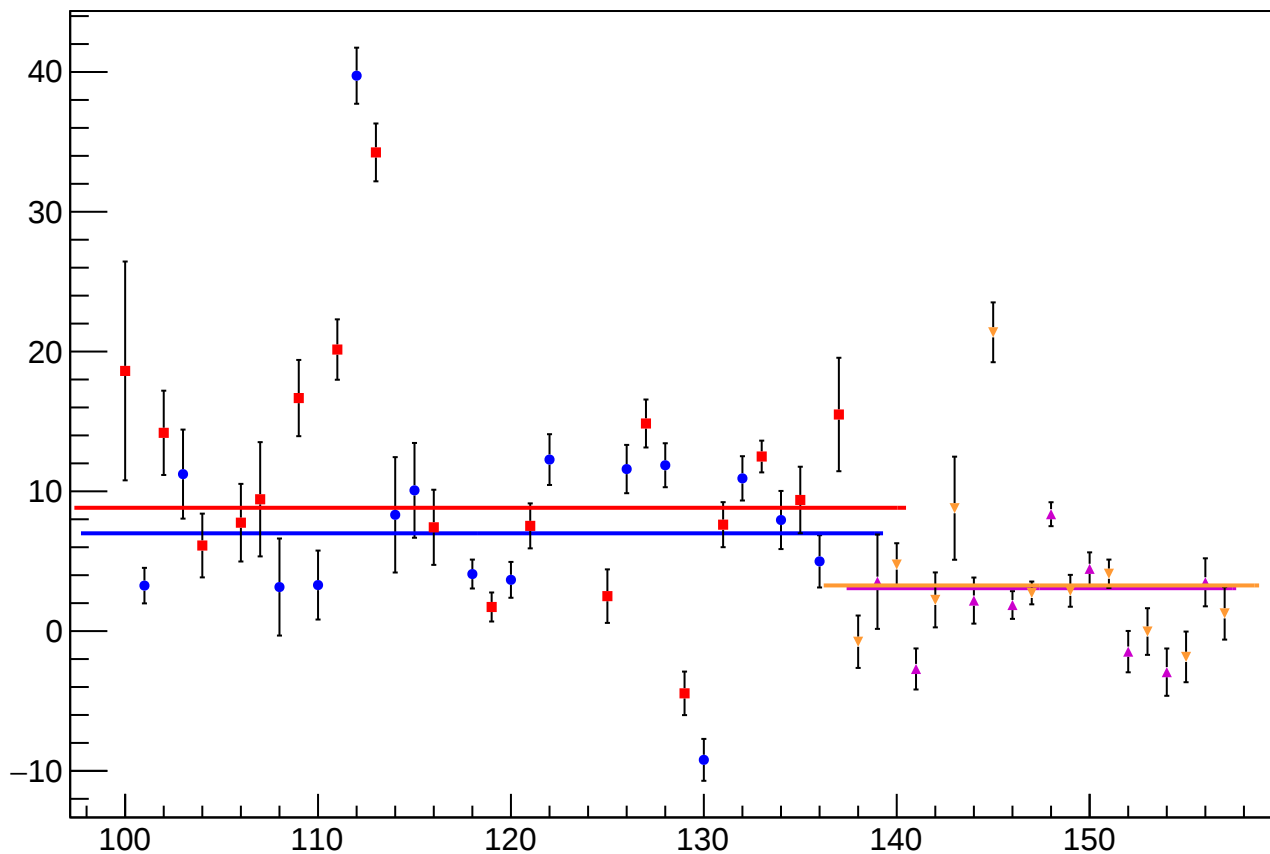
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -83.875+/-0.657 χ^2/NDF : 608.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -81.873+/-0.662 χ^2/NDF : 336.9/8

Left: -82.881+/-0.466 χ^2/NDF : 950.1/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -81.873+/-0.662 χ^2/NDF : 336.9/8
 Out: -83.875+/-0.657 χ^2/NDF : 608.5/10
 All: -82.881+/-0.466 χ^2/NDF : 950.1/19

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.266 ± 0.428 $\chi^2/\text{NDF}: 93.9/10$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.070 ± 0.440 $\chi^2/\text{NDF}: 79.0/8$

Left: 3.171 ± 0.307 $\chi^2/\text{NDF}: 173.0/19$

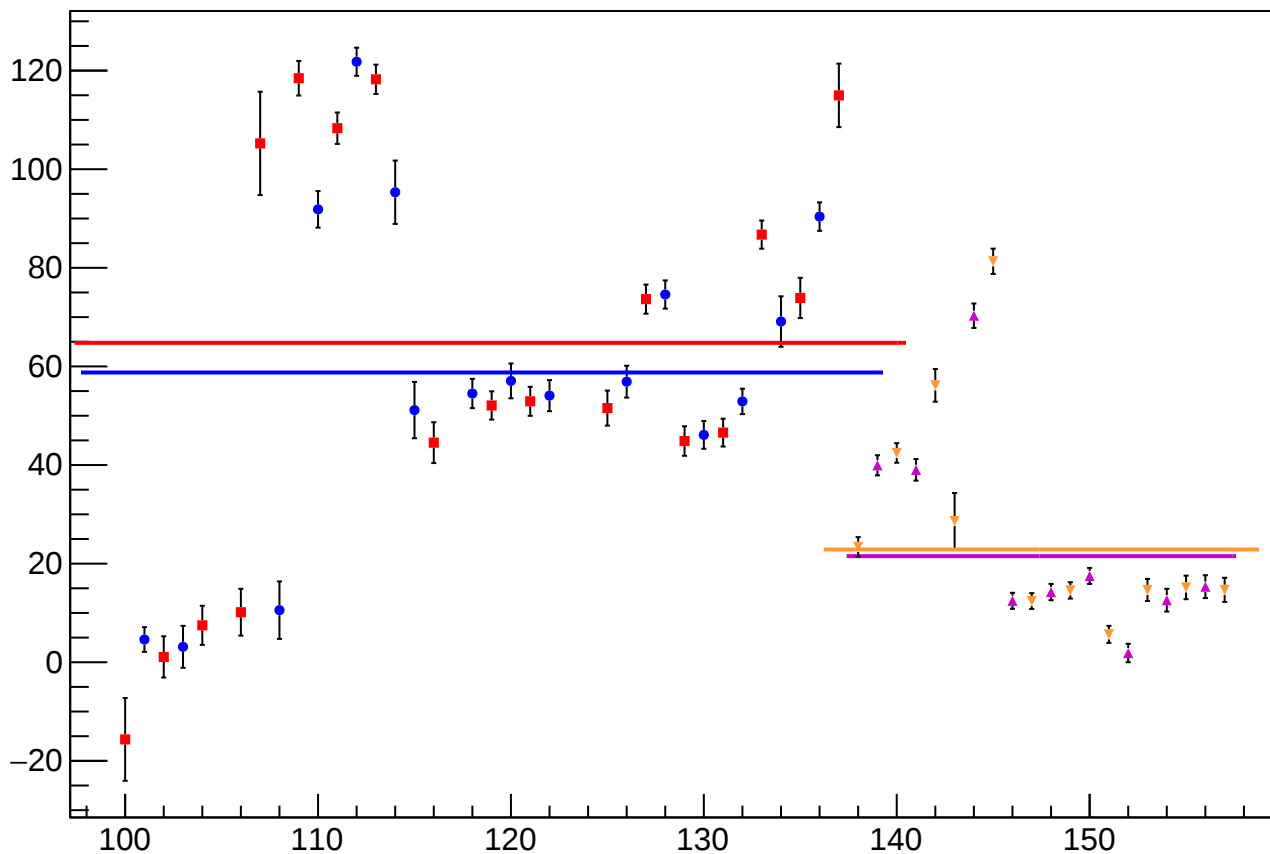
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.059 ± 0.309 $\chi^2/\text{NDF}: 564.6/24$

Out: 5.912 ± 0.310 $\chi^2/\text{NDF}: 524.7/28$

All: 5.485 ± 0.219 $\chi^2/\text{NDF}: 1093.1/53$

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: 22.867 $\pm$ 0.644 χ^2 /NDF:918.2/10

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 21.524 $\pm$ 0.647 χ^2 /NDF:721.3/8

Left: 22.198 $\pm$ 0.457 χ^2 /NDF: 1641.7/19

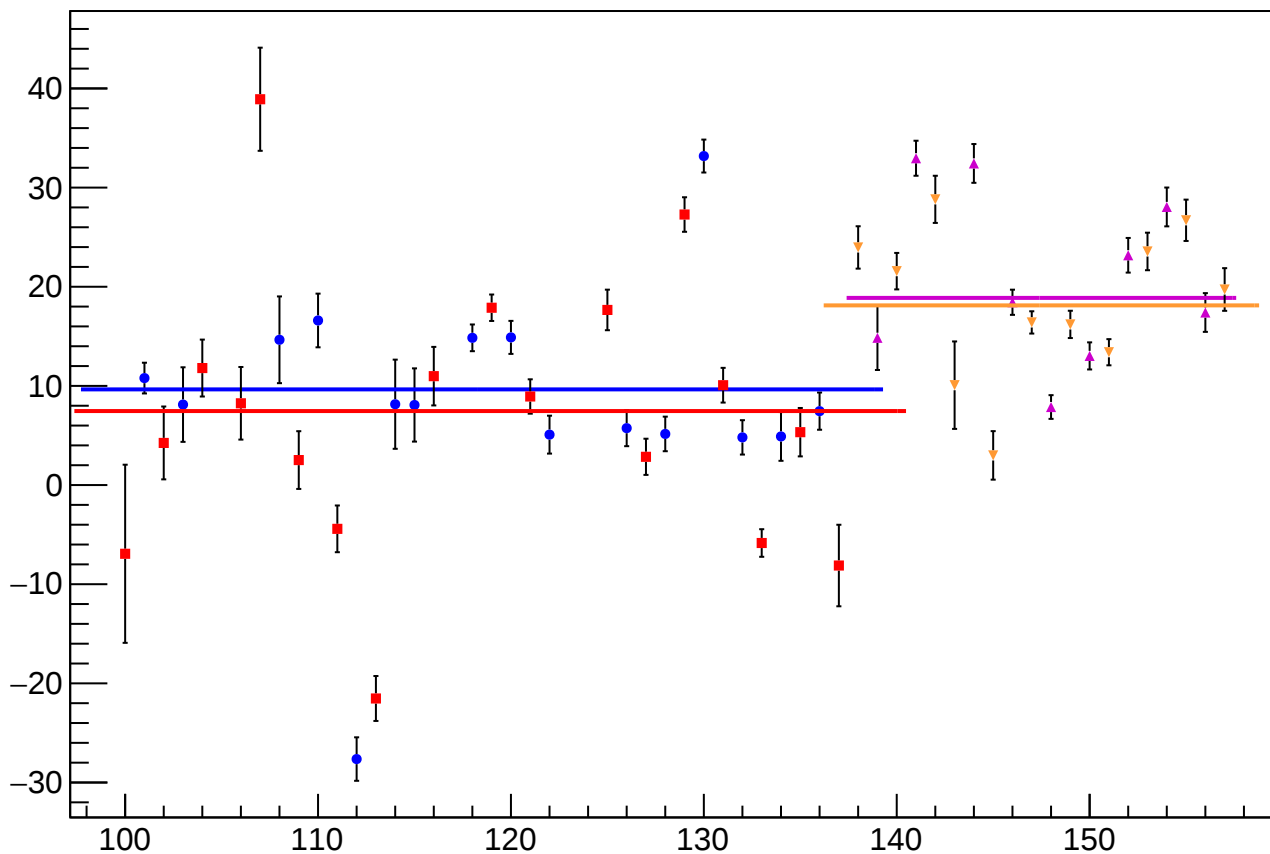
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 35.532 $\pm$ 0.511 χ^2 /NDF:3462.2/24

Out: 38.391 $\pm$ 0.511 χ^2 /NDF:4203.1/28

All: 36.960 $\pm$ 0.361 χ^2 /NDF: 7681.0/53

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: 18.120 ± 0.532 $\chi^2/\text{NDF}: 115.7/10$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 18.876 ± 0.544 $\chi^2/\text{NDF}: 244.8/8$

Left: 18.490 ± 0.380 $\chi^2/\text{NDF}: 361.5/19$

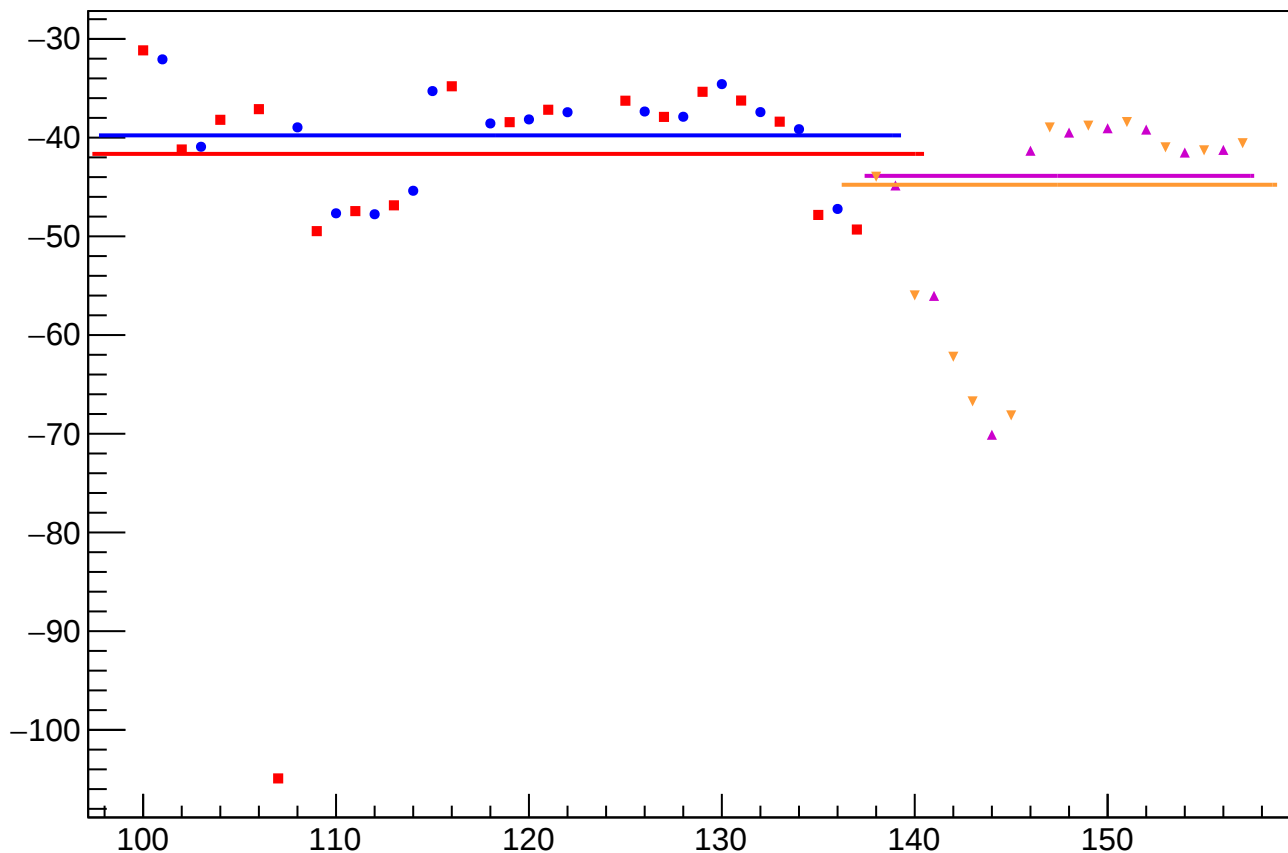
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 13.894 ± 0.369 $\chi^2/\text{NDF}: 953.8/24$

Out: 12.623 ± 0.370 $\chi^2/\text{NDF}: 889.4/28$

All: 13.261 ± 0.261 $\chi^2/\text{NDF}: 1849.1/53$

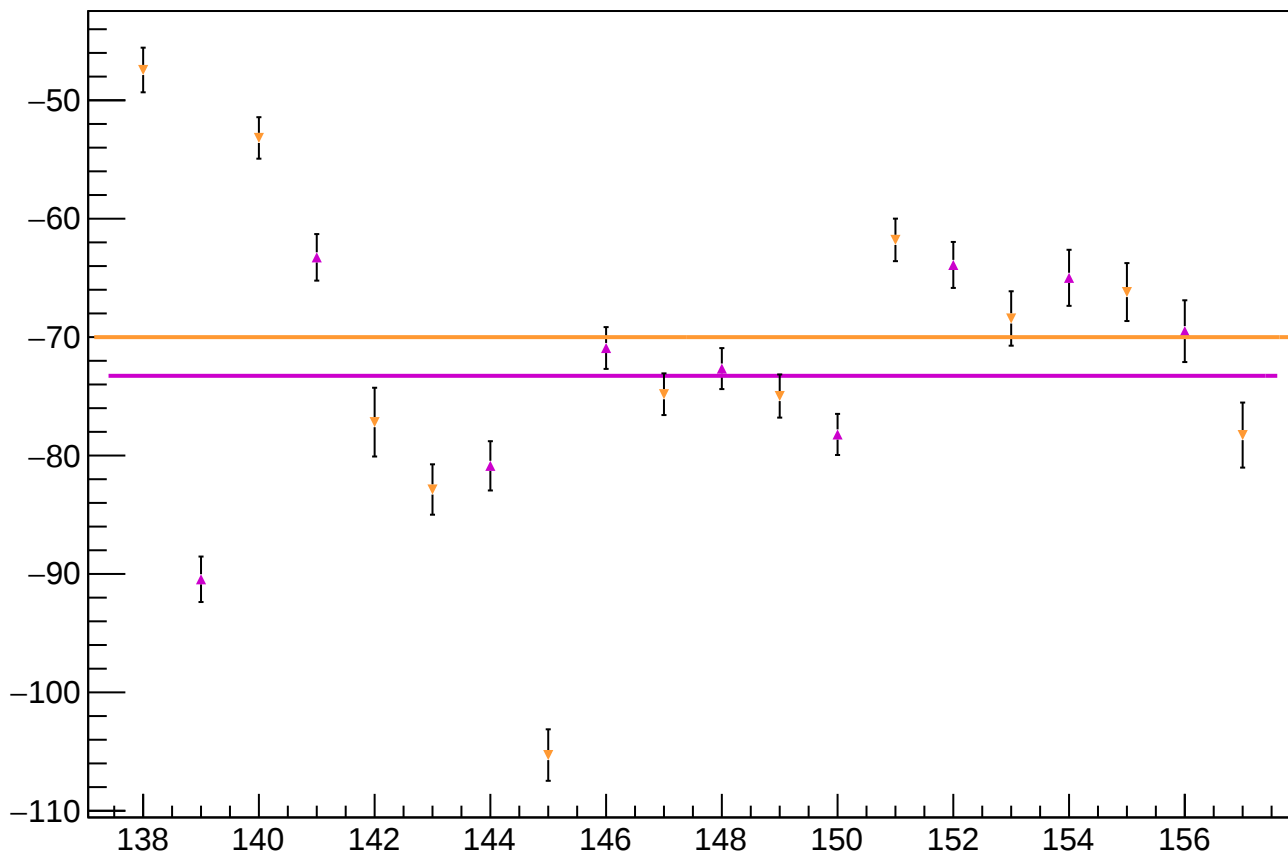
reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15
 Left Out: -44.775+/-0.026 χ^2/NDF :122552.3/10
 Right Out: -41.647+/-0.031 χ^2/NDF : 94514.5/17
 Left In: -43.872+/-0.026 χ^2/NDF :92960.2/8

Left: -44.319+/-0.018 χ^2/NDF : 216114.7/19
 Right: -40.706+/-0.022 χ^2/NDF : 122504.5/33
 In: -42.194+/-0.020 χ^2/NDF :129406.5/24
 Out: -43.484+/-0.020 χ^2/NDF :222970.3/28
 All: -42.835+/-0.014 χ^2/NDF : 354464.6/53

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.002+/-0.622 χ^2/NDF :589.5/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.267+/-0.654 χ^2/NDF :166.9/8

Left: -71.554+/-0.451 χ^2/NDF : 769.5/19

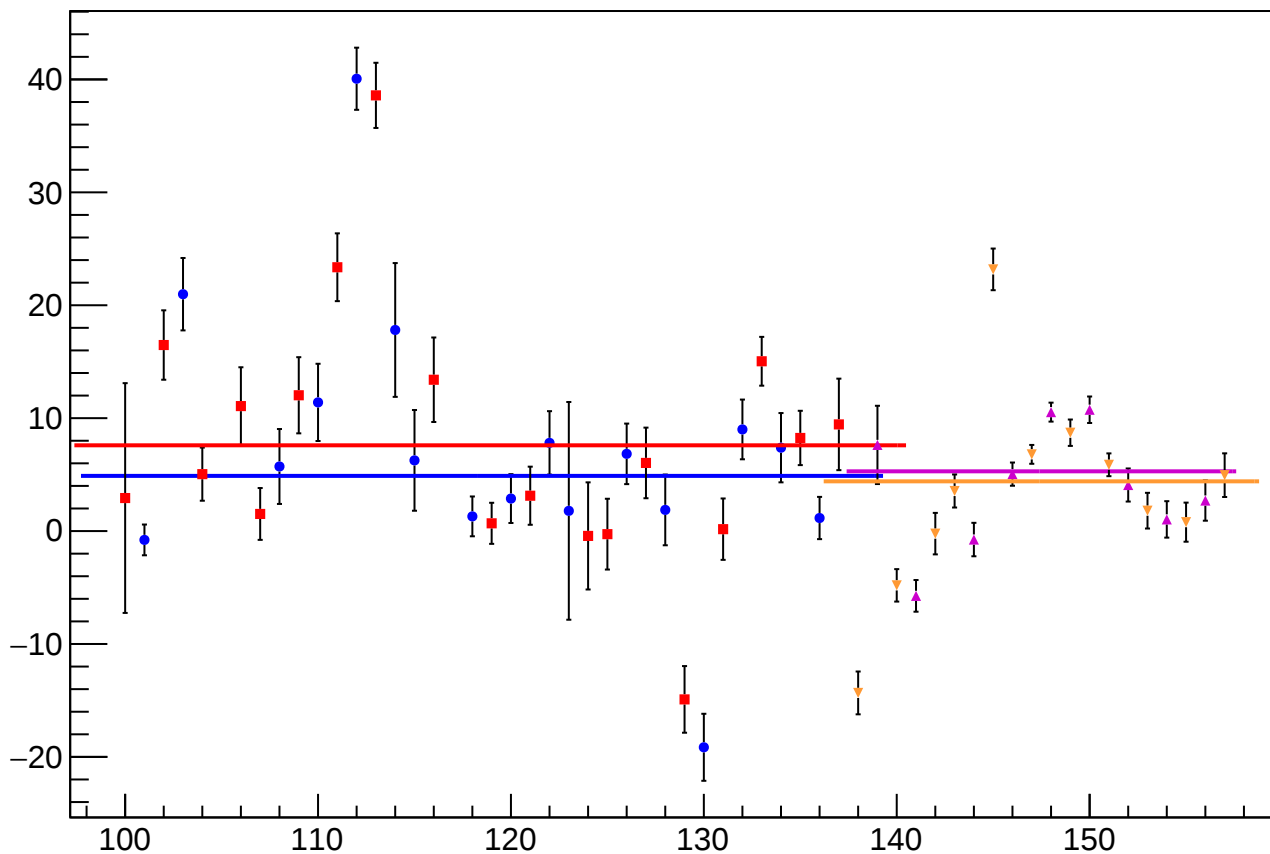
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.267+/-0.654 χ^2/NDF :166.9/8

Out: -70.002+/-0.622 χ^2/NDF :589.5/10

All: -71.554+/-0.451 χ^2/NDF : 769.5/19

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.405 ± 0.409 χ^2/NDF : 280.0/10

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 5.292 ± 0.434 χ^2/NDF : 149.3/8

Left: 4.822 ± 0.298 χ^2/NDF : 431.6/19

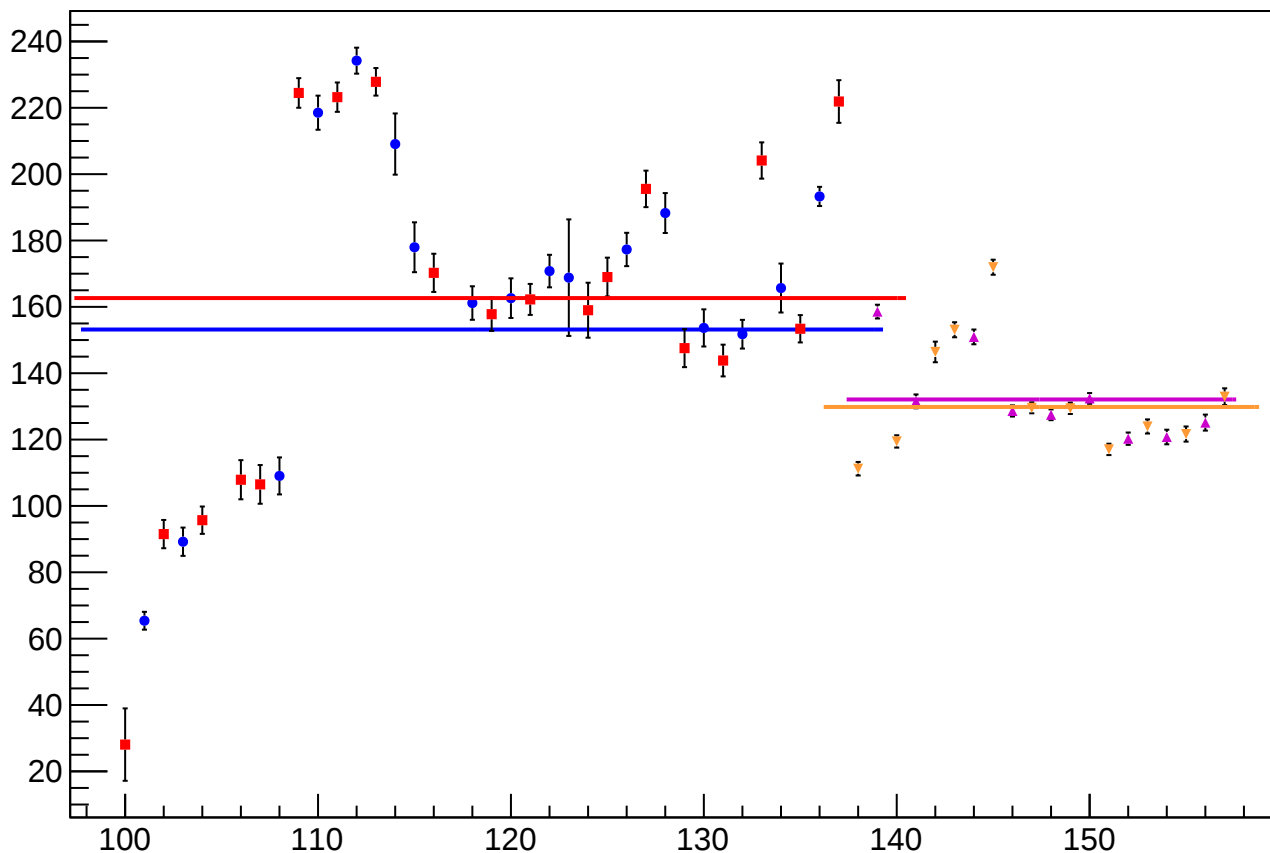
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 5.159 ± 0.356 χ^2/NDF : 444.4/25

Out: 5.309 ± 0.346 χ^2/NDF : 566.6/29

All: 5.236 ± 0.248 χ^2/NDF : 1011.1/55

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 129.831 $\pm$ 0.615 χ^2 /NDF:669.5/10

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 132.091 $\pm$ 0.640 χ^2 /NDF:321.7/8

Left: 130.916 $\pm$ 0.444 χ^2 /NDF: 997.7/19

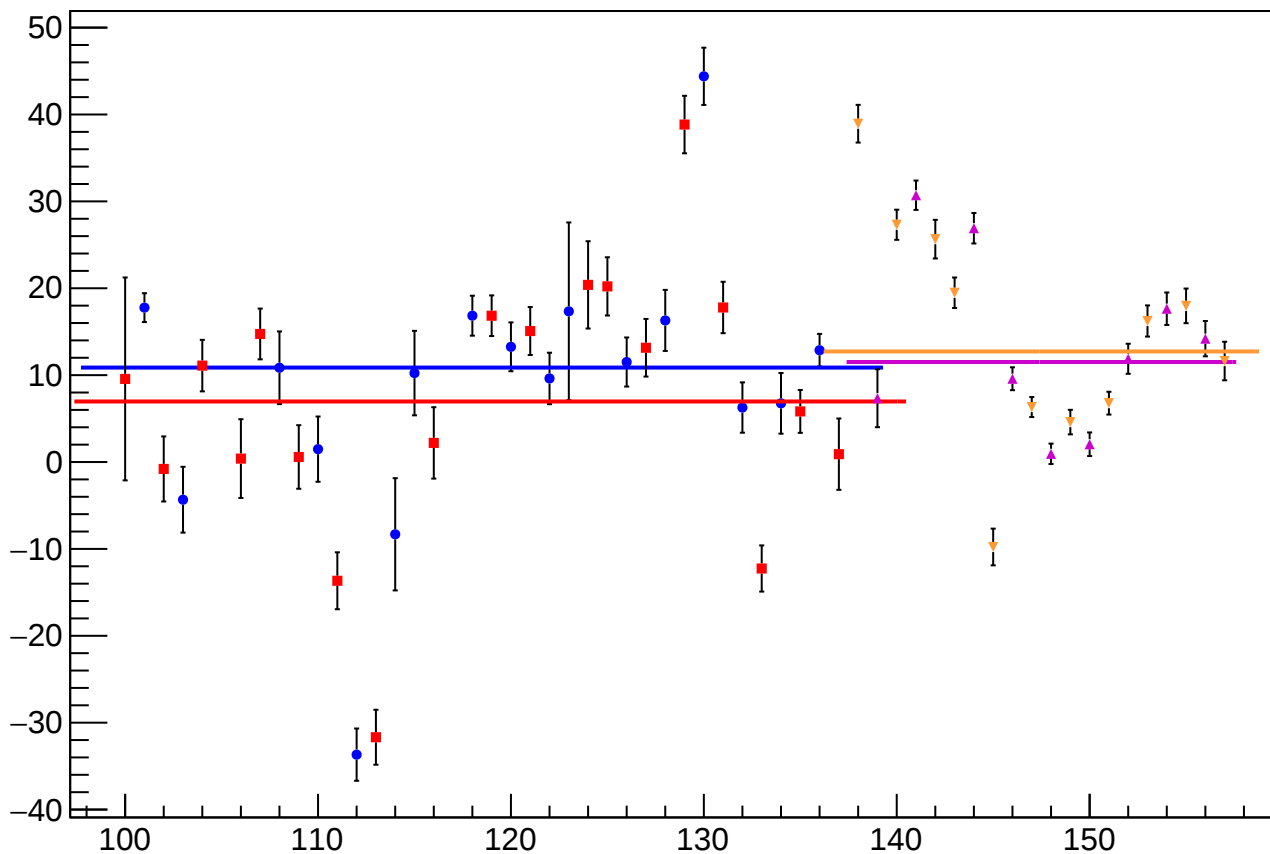
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 137.103 $\pm$ 0.559 χ^2 /NDF:2843.8/25

Out: 136.880 $\pm$ 0.545 χ^2 /NDF:2989.5/29

All: 136.988 $\pm$ 0.390 χ^2 /NDF: 5833.3/55

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 12.726 $\pm$ 0.506 χ^2 /NDF:474.3/10

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 11.512 $\pm$ 0.537 χ^2 /NDF:351.9/8

Left: 12.154 $\pm$ 0.368 χ^2 /NDF: 829.0/19

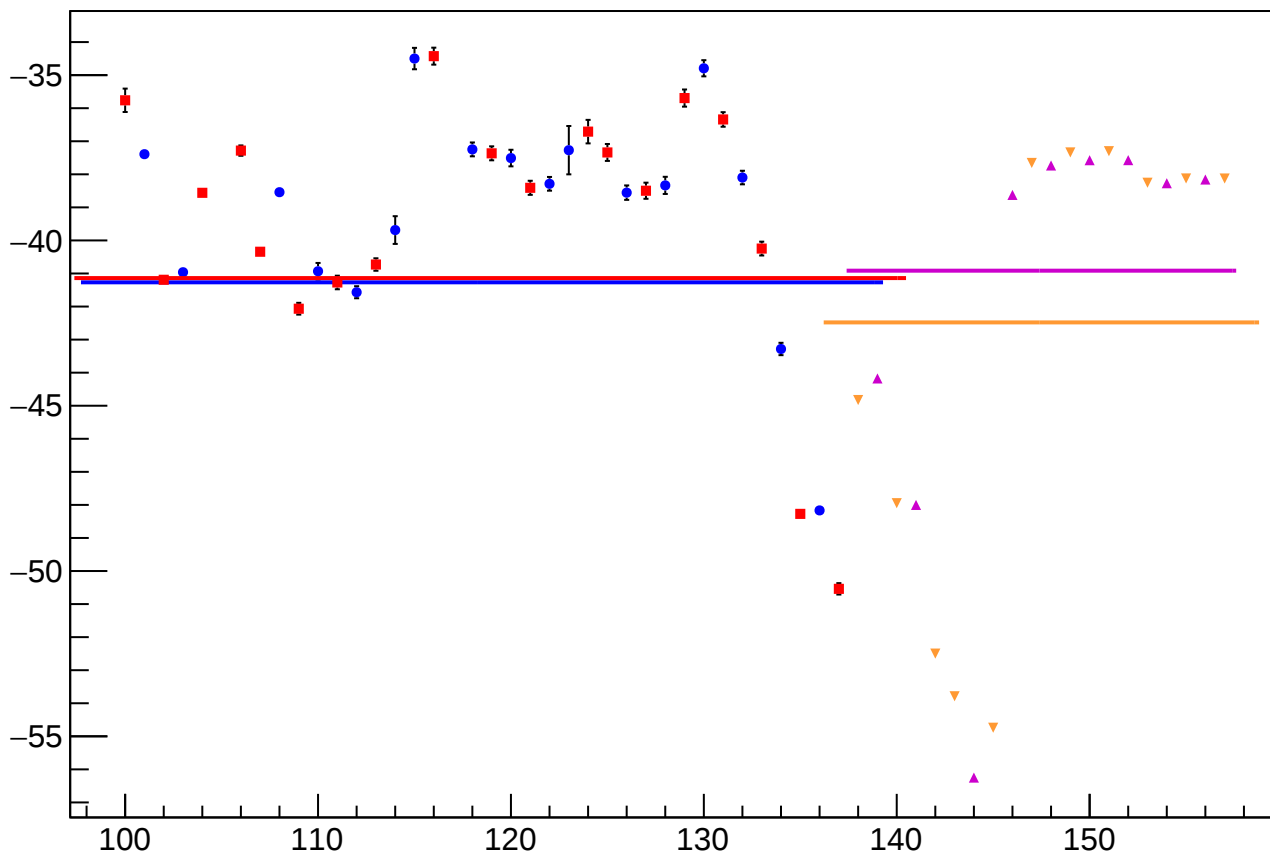
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 11.281 $\pm$ 0.429 χ^2 /NDF:739.2/25

Out: 10.915 $\pm$ 0.419 χ^2 /NDF:937.3/29

All: 11.094 $\pm$ 0.300 χ^2 /NDF: 1676.8/55

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: -42.480 ± 0.025 $\chi^2/\text{NDF}: 68064.3/10$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -40.915 ± 0.026 $\chi^2/\text{NDF}: 43497.4/8$

Left: -41.721 ± 0.018 $\chi^2/\text{NDF}: 113475.8/19$

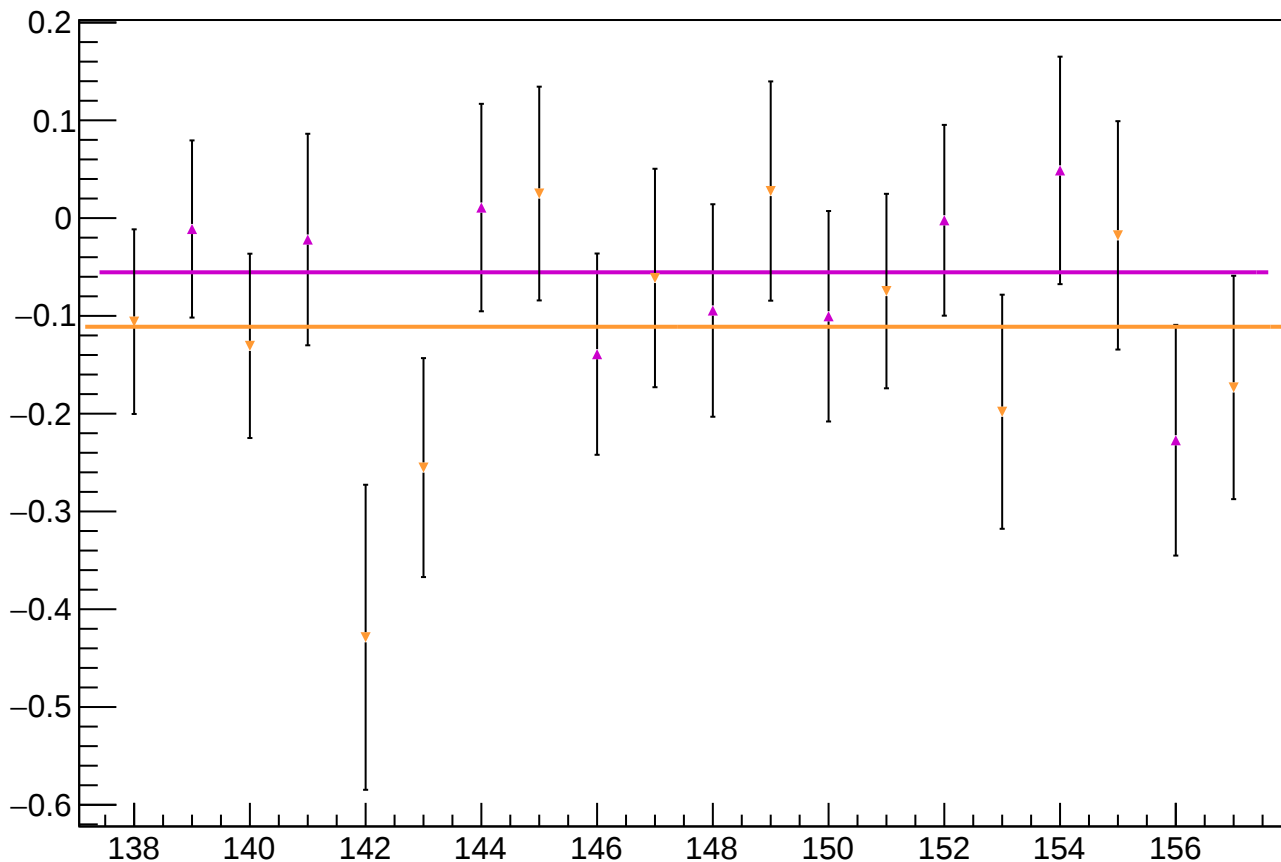
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -41.023 ± 0.021 $\chi^2/\text{NDF}: 56137.0/25$

Out: -42.086 ± 0.021 $\chi^2/\text{NDF}: 81158.1/29$

All: -41.565 ± 0.015 $\chi^2/\text{NDF}: 138557.5/55$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.111 ± 0.033 $\chi^2/\text{NDF}: 10.7/10$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.055 ± 0.035 $\chi^2/\text{NDF}: 4.9/8$

Left: -0.085 ± 0.024 $\chi^2/\text{NDF}: 17.0/19$

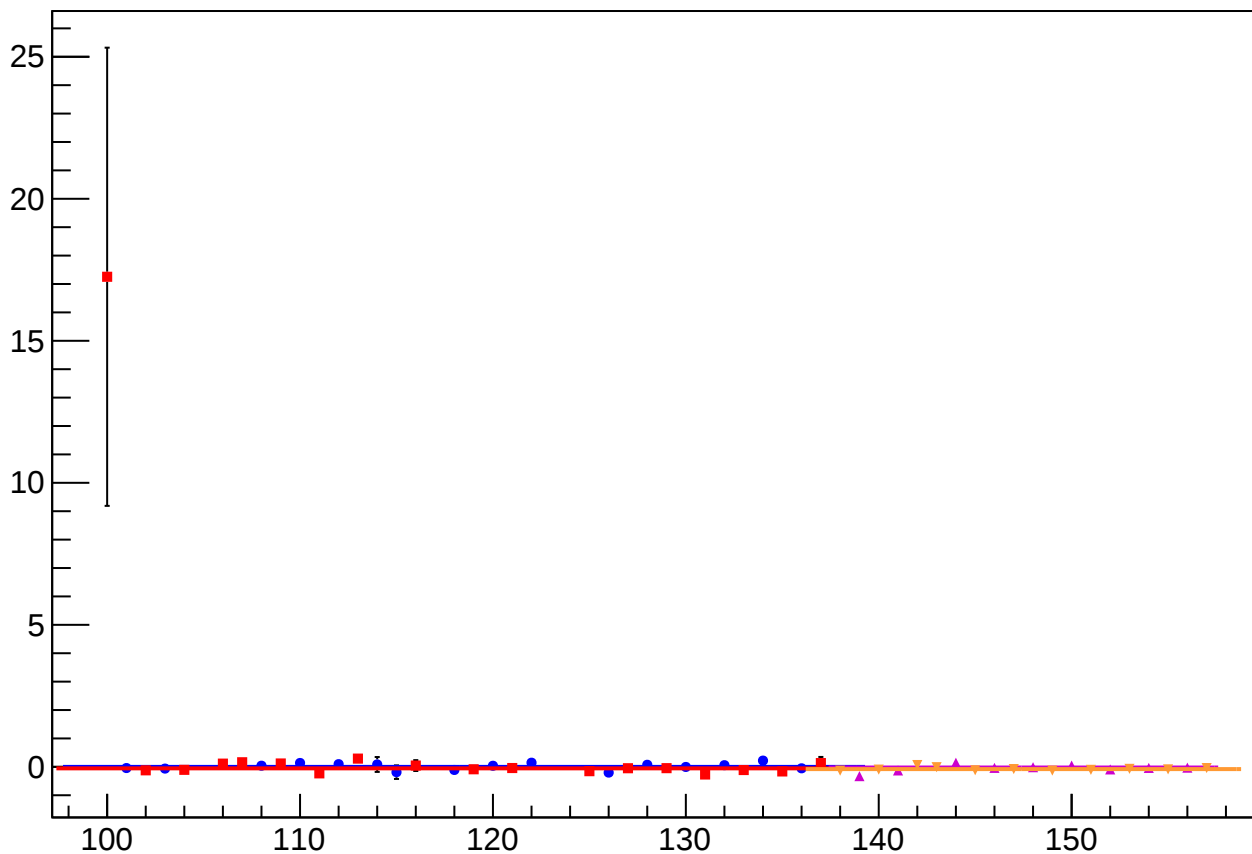
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.055 ± 0.035 $\chi^2/\text{NDF}: 4.9/8$

Out: -0.111 ± 0.033 $\chi^2/\text{NDF}: 10.7/10$

All: -0.085 ± 0.024 $\chi^2/\text{NDF}: 17.0/19$

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.079 ± 0.023 χ^2/NDF : 4.3/10

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.024 ± 0.024 χ^2/NDF : 11.9/8

Left: -0.054 ± 0.017 χ^2/NDF : 19.1/19

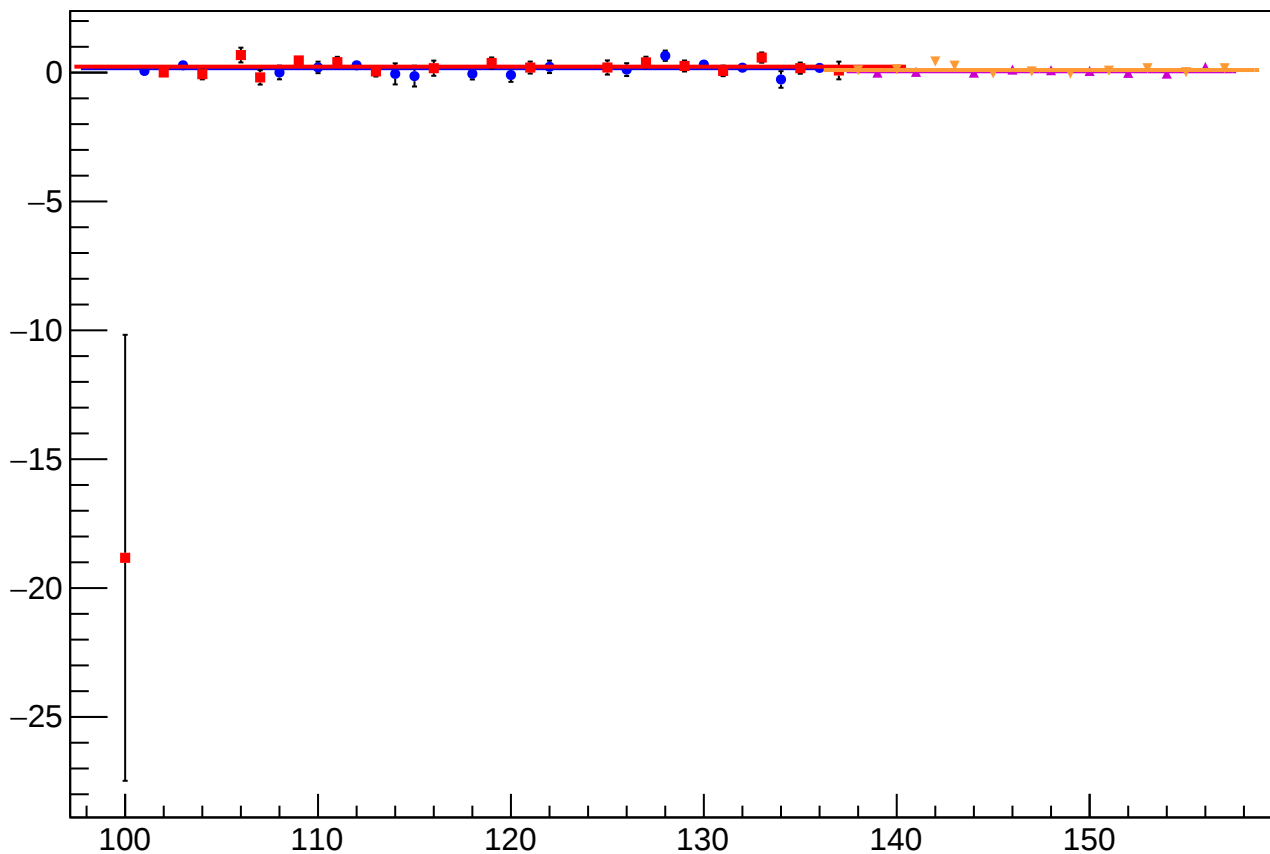
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.014 ± 0.018 χ^2/NDF : 24.4/24

Out: -0.070 ± 0.018 χ^2/NDF : 30.4/28

All: -0.043 ± 0.013 χ^2/NDF : 59.3/53

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: 0.099 $\pm$ 0.033 χ^2 /NDF:10.9/10

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.050 $\pm$ 0.035 χ^2 /NDF:4.7/8

Left: 0.076 $\pm$ 0.024 χ^2 /NDF: 16.6/19

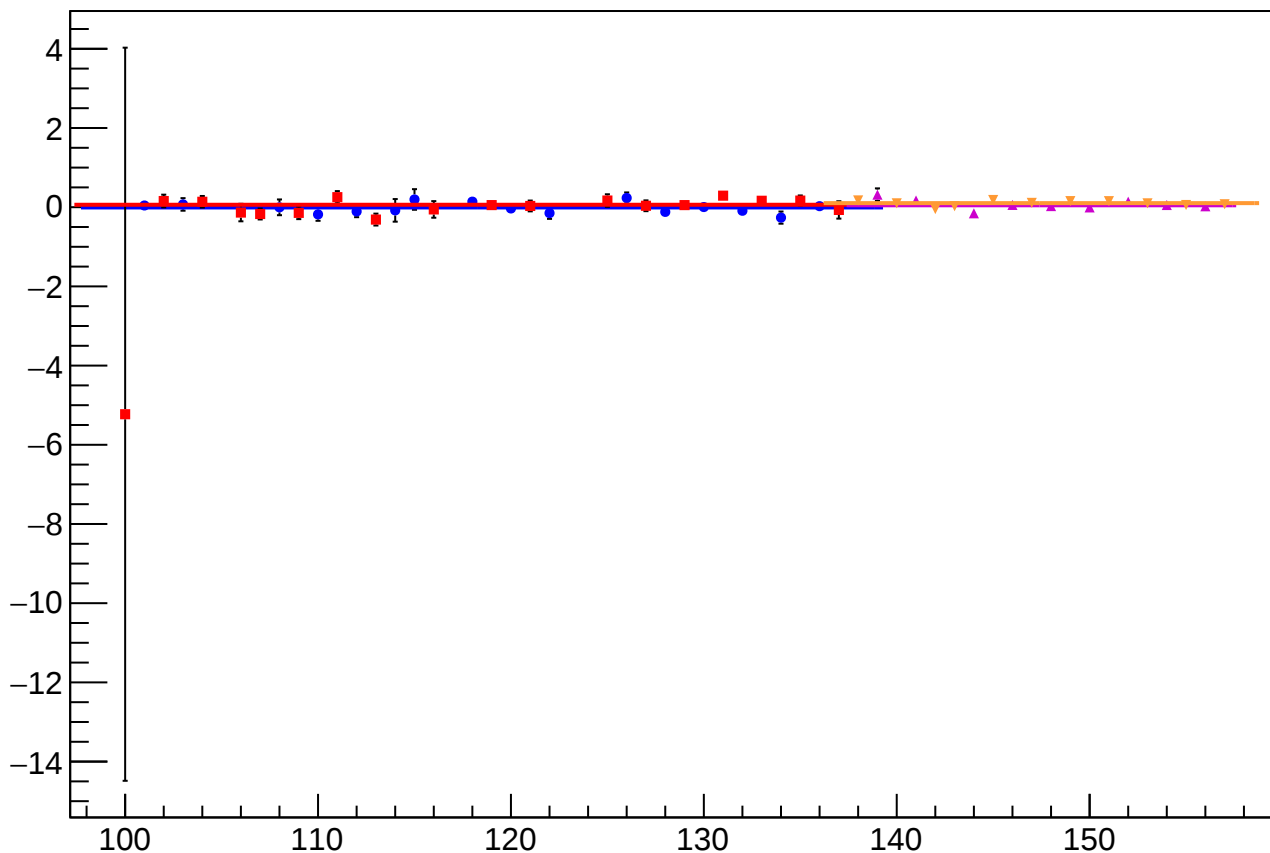
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.087 $\pm$ 0.029 χ^2 /NDF:21.3/24

Out: 0.134 $\pm$ 0.028 χ^2 /NDF:36.8/28

All: 0.111 $\pm$ 0.020 χ^2 /NDF: 59.6/53

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.103 ± 0.028 χ^2/NDF : 4.4/10

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.048 ± 0.030 χ^2/NDF : 11.3/8

Left: 0.077 ± 0.020 χ^2/NDF : 17.5/19

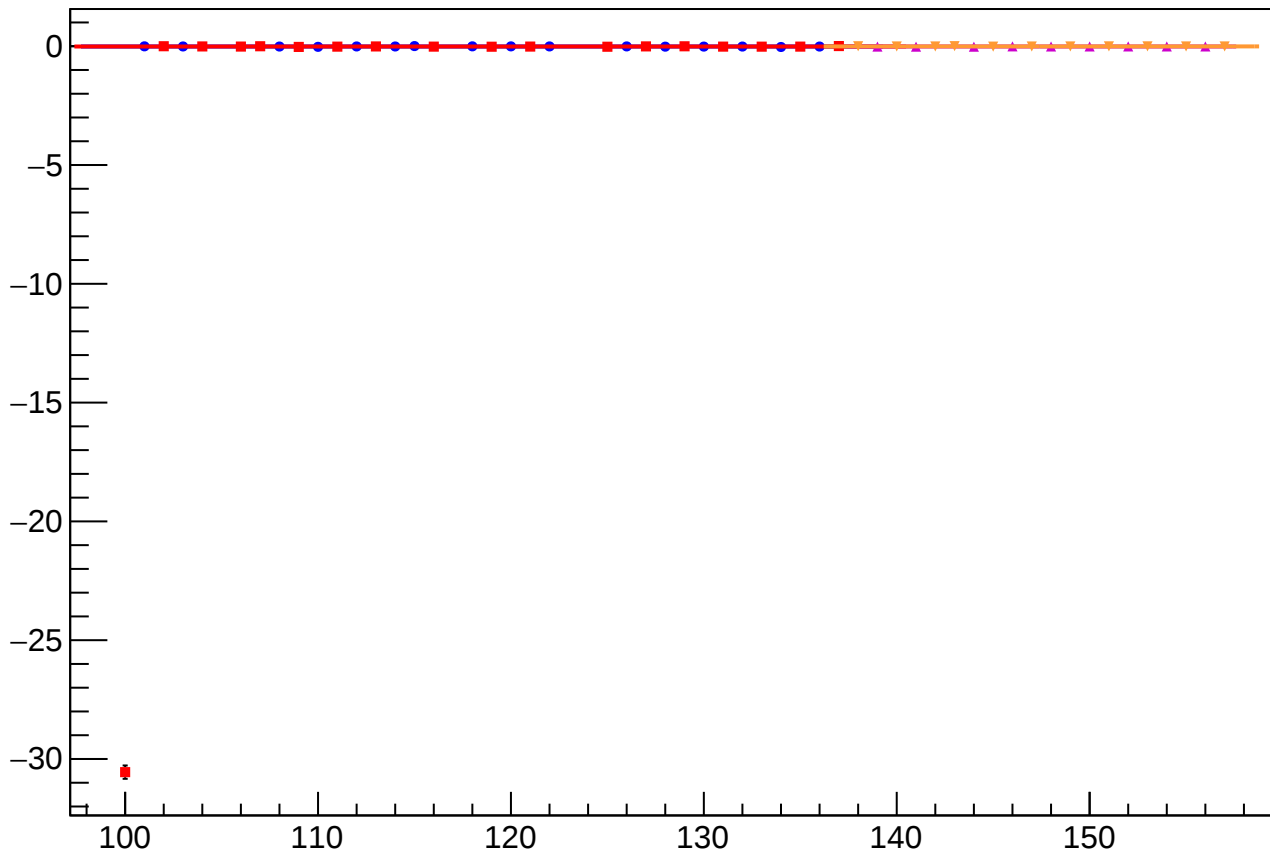
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.023 ± 0.022 χ^2/NDF : 26.1/24

Out: 0.086 ± 0.021 χ^2/NDF : 25.6/28

All: 0.056 ± 0.015 χ^2/NDF : 55.9/53

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:13.3/10

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.012 $\pm$ 0.001 χ^2 /NDF:8.9/8

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 26.0/19

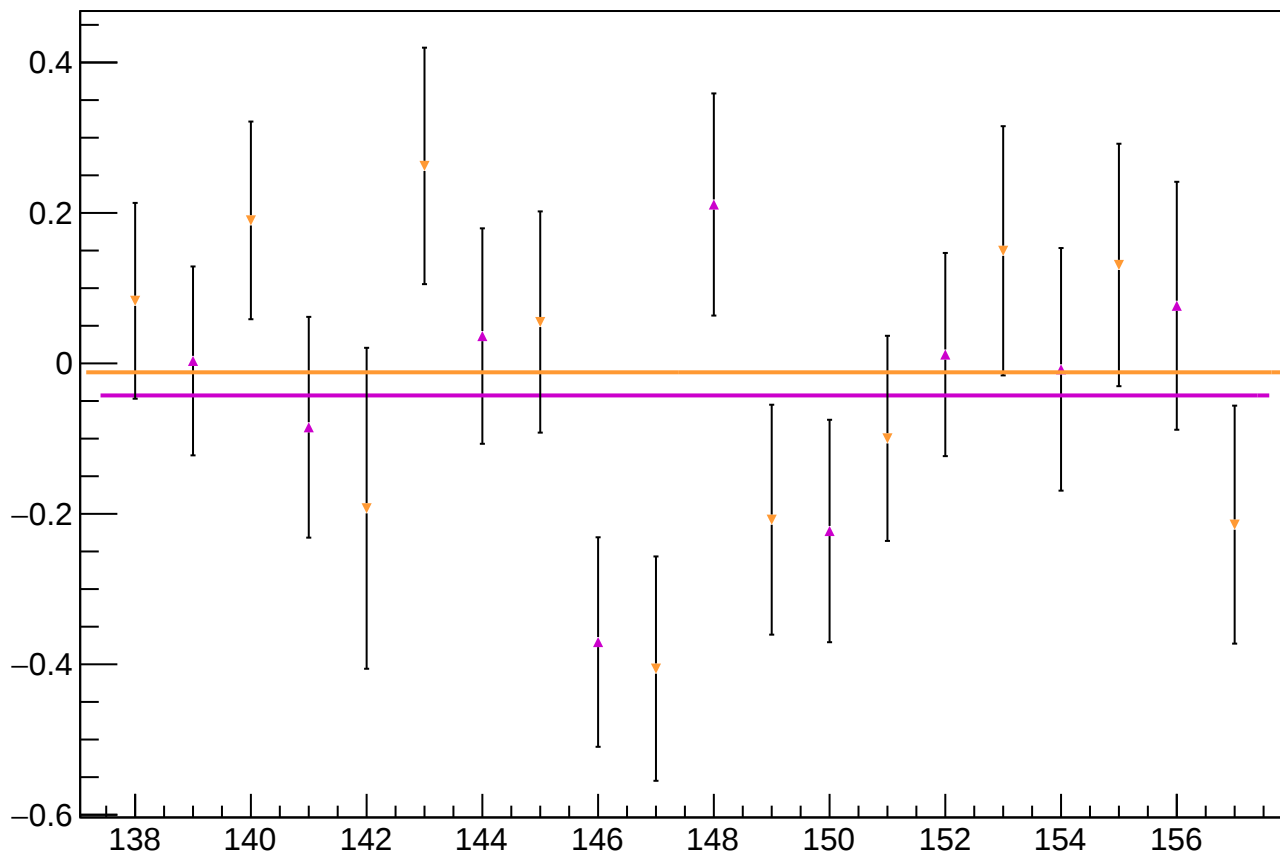
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.012 $\pm$ 0.001 χ^2 /NDF:21.7/24

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11907.1/28

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11931.3/53

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: -0.012 $\pm$ 0.046 χ^2 /NDF:19.3/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.043 $\pm$ 0.048 χ^2 /NDF:11.2/8

Left: -0.026 $\pm$ 0.033 χ^2 /NDF: 30.7/19

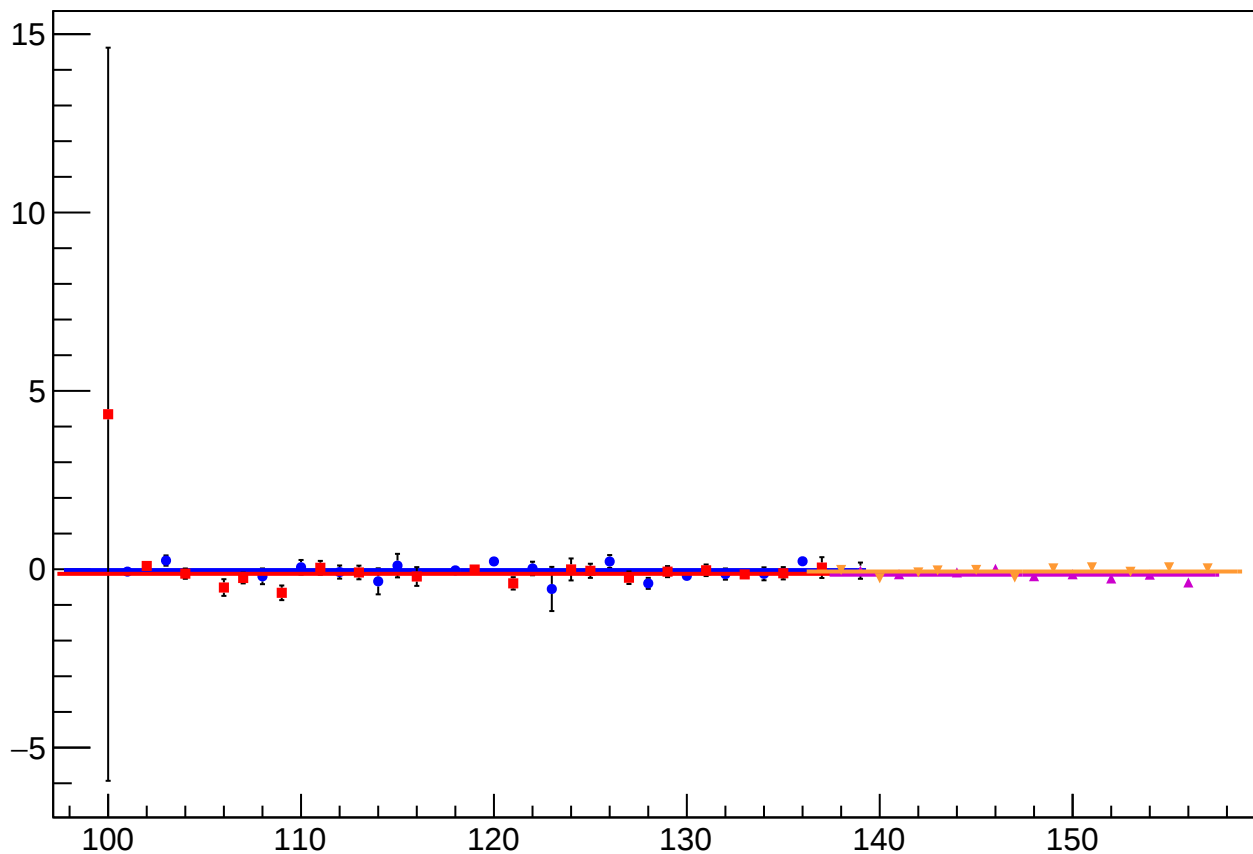
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.043 $\pm$ 0.048 χ^2 /NDF:11.2/8

Out: -0.012 $\pm$ 0.046 χ^2 /NDF:19.3/10

All: -0.026 $\pm$ 0.033 χ^2 /NDF: 30.7/19

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.037 χ^2/NDF : 22.4/16

Left Out: -0.064+/-0.031 χ^2/NDF : 13.8/10

Right Out: -0.129+/-0.039 χ^2/NDF : 18.8/18

Left In: -0.153+/-0.033 χ^2/NDF : 9.7/8

Left: -0.105+/-0.023 χ^2/NDF : 27.4/19

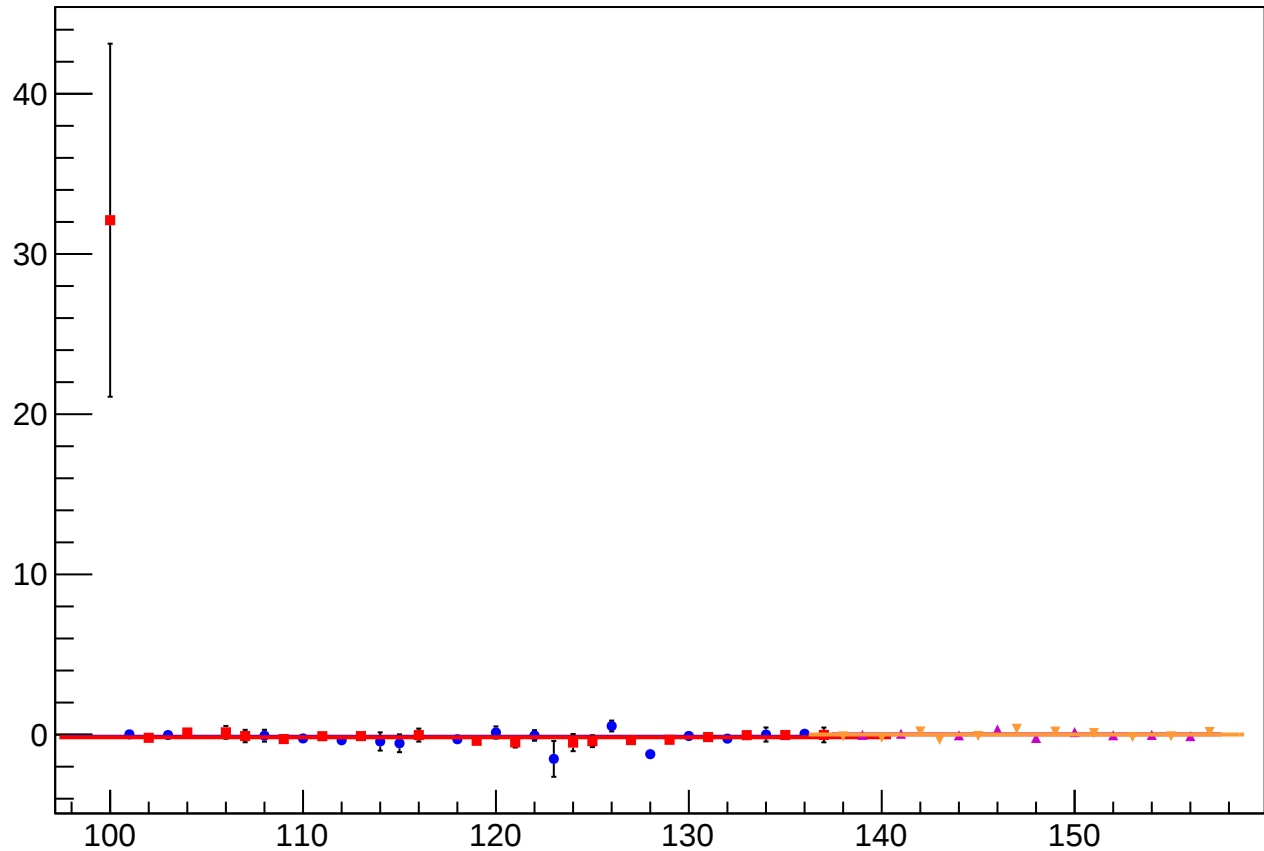
Right: -0.072+/-0.027 χ^2/NDF : 45.1/35

In: -0.094+/-0.025 χ^2/NDF : 39.0/25

Out: -0.089+/-0.024 χ^2/NDF : 34.3/29

All: -0.091+/-0.017 χ^2/NDF : 73.3/55

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.005 ± 0.045 χ^2/NDF : 19.1/10

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.018 ± 0.047 χ^2/NDF : 10.0/8

Left: 0.011 ± 0.033 χ^2/NDF : 29.1/19

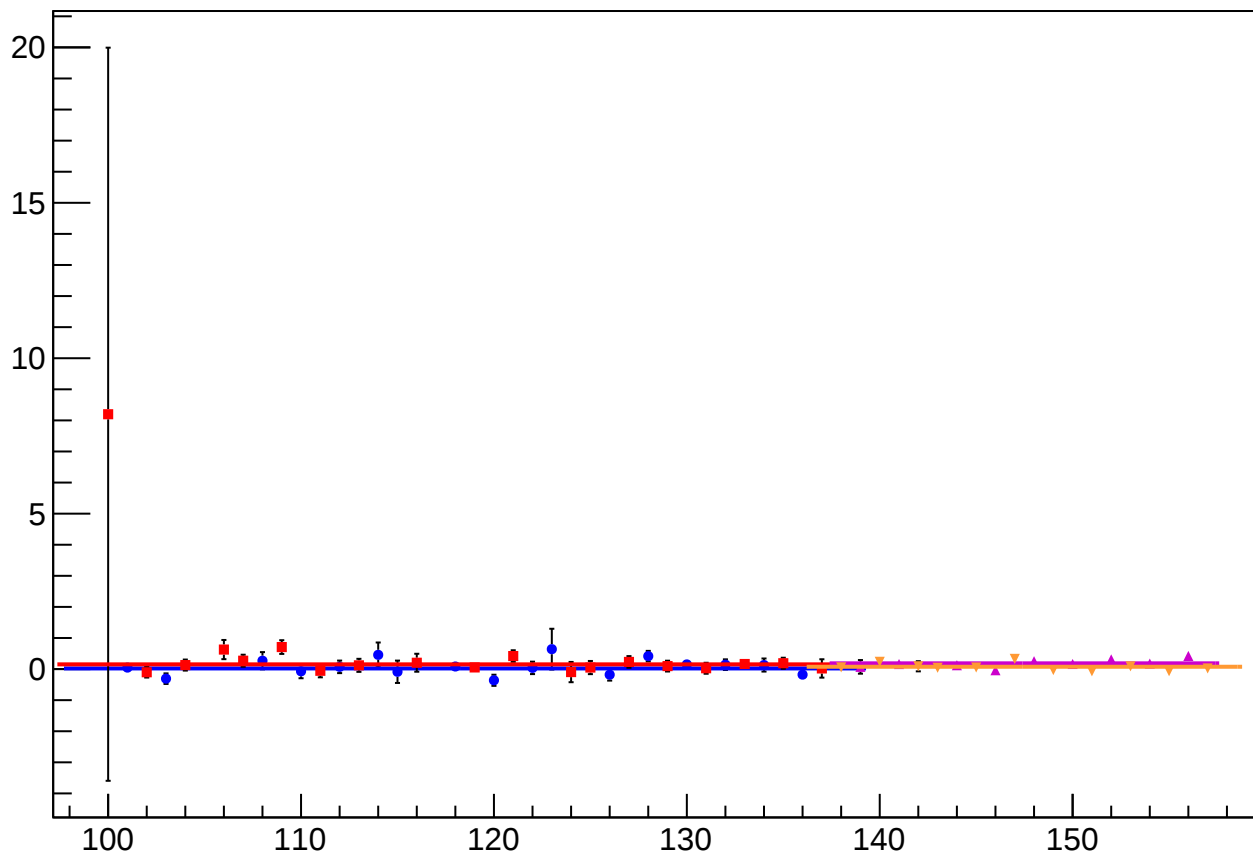
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.032 ± 0.039 χ^2/NDF : 39.2/25

Out: -0.044 ± 0.038 χ^2/NDF : 38.0/29

All: -0.038 ± 0.027 χ^2/NDF : 77.2/55

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: 0.075 $\pm$ 0.038 χ^2 /NDF:12.7/10

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.185 $\pm$ 0.041 χ^2 /NDF:10.0/8

Left: 0.126 $\pm$ 0.028 χ^2 /NDF: 26.6/19

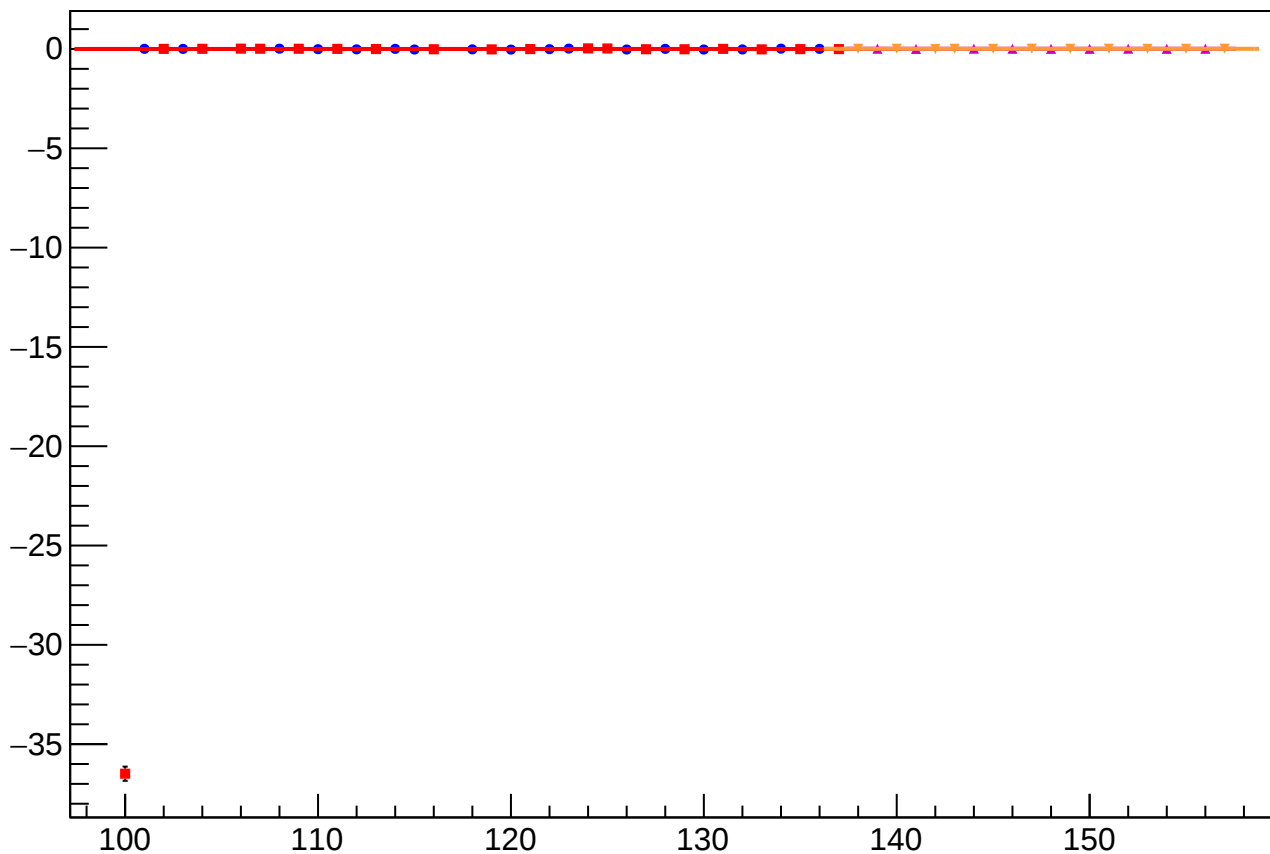
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.106 $\pm$ 0.029 χ^2 /NDF:39.7/25

Out: 0.106 $\pm$ 0.029 χ^2 /NDF:31.6/29

All: 0.106 $\pm$ 0.021 χ^2 /NDF: 71.3/55

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: 5.3/10

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 3.3/8

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 8.7/19

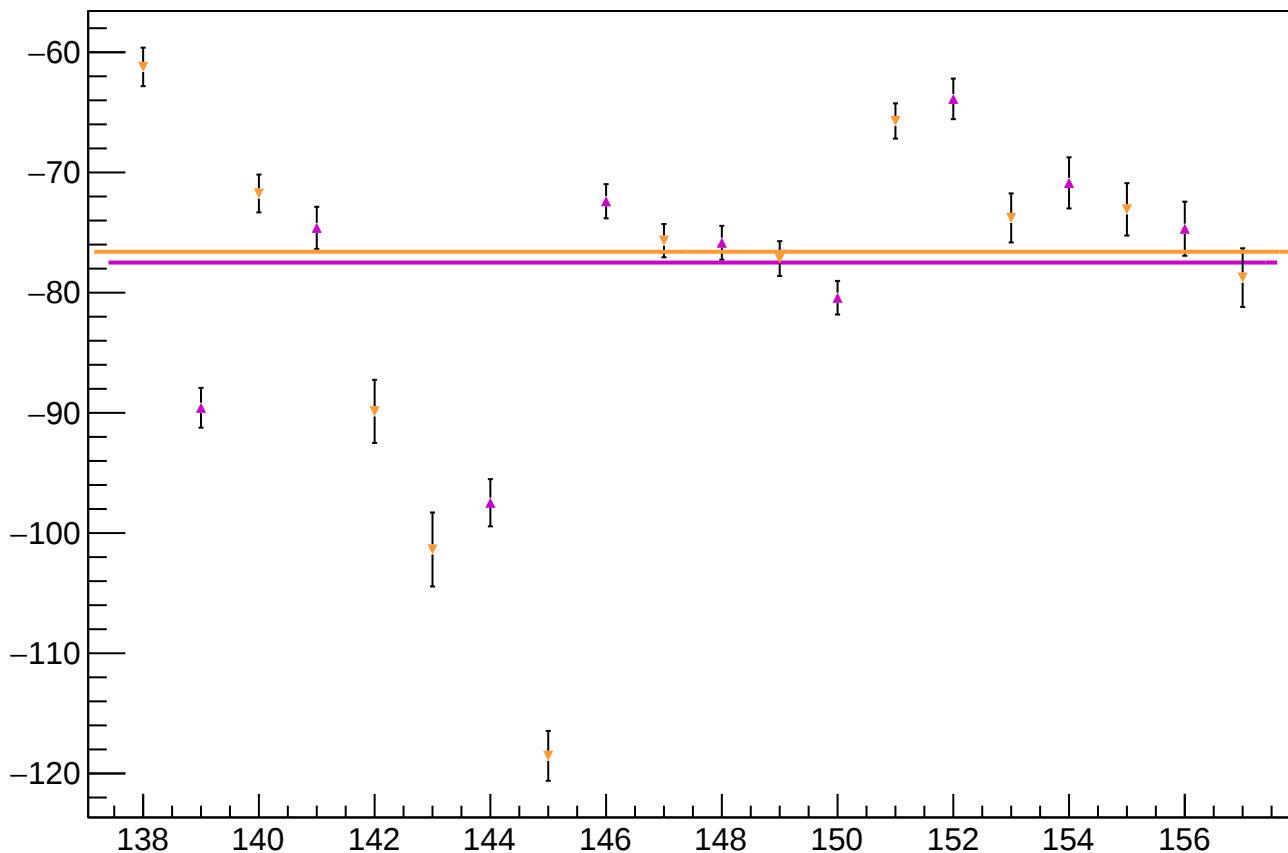
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.007 $\pm$ 0.001 χ^2 /NDF: 46.1/25

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10466.5/29

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10512.7/55

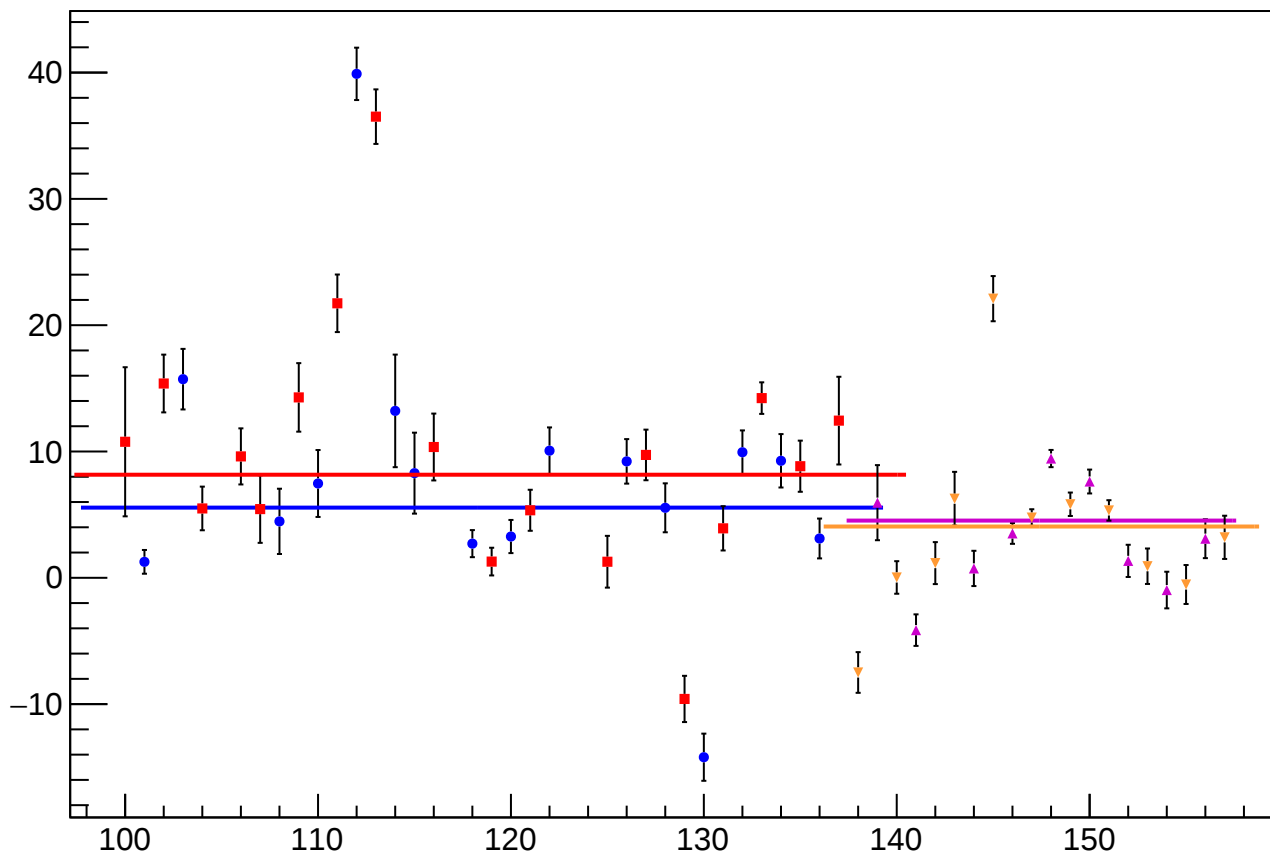
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -76.596 ± 0.546 $\chi^2/\text{NDF}: 661.2/10$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -77.494 ± 0.556 $\chi^2/\text{NDF}: 254.5/8$

Left: -77.037 ± 0.390 $\chi^2/\text{NDF}: 917.0/19$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -77.494 ± 0.556 $\chi^2/\text{NDF}: 254.5/8$
 Out: -76.596 ± 0.546 $\chi^2/\text{NDF}: 661.2/10$
 All: -77.037 ± 0.390 $\chi^2/\text{NDF}: 917.0/19$

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 χ^2/NDF : 462.0/15

Left Out: 4.061 ± 0.350 χ^2/NDF : 188.5/10

Right Out: 8.162 ± 0.453 χ^2/NDF : 407.0/17

Left In: 4.531 ± 0.365 χ^2/NDF : 141.5/8

Left: 4.286 ± 0.253 χ^2/NDF : 330.8/19

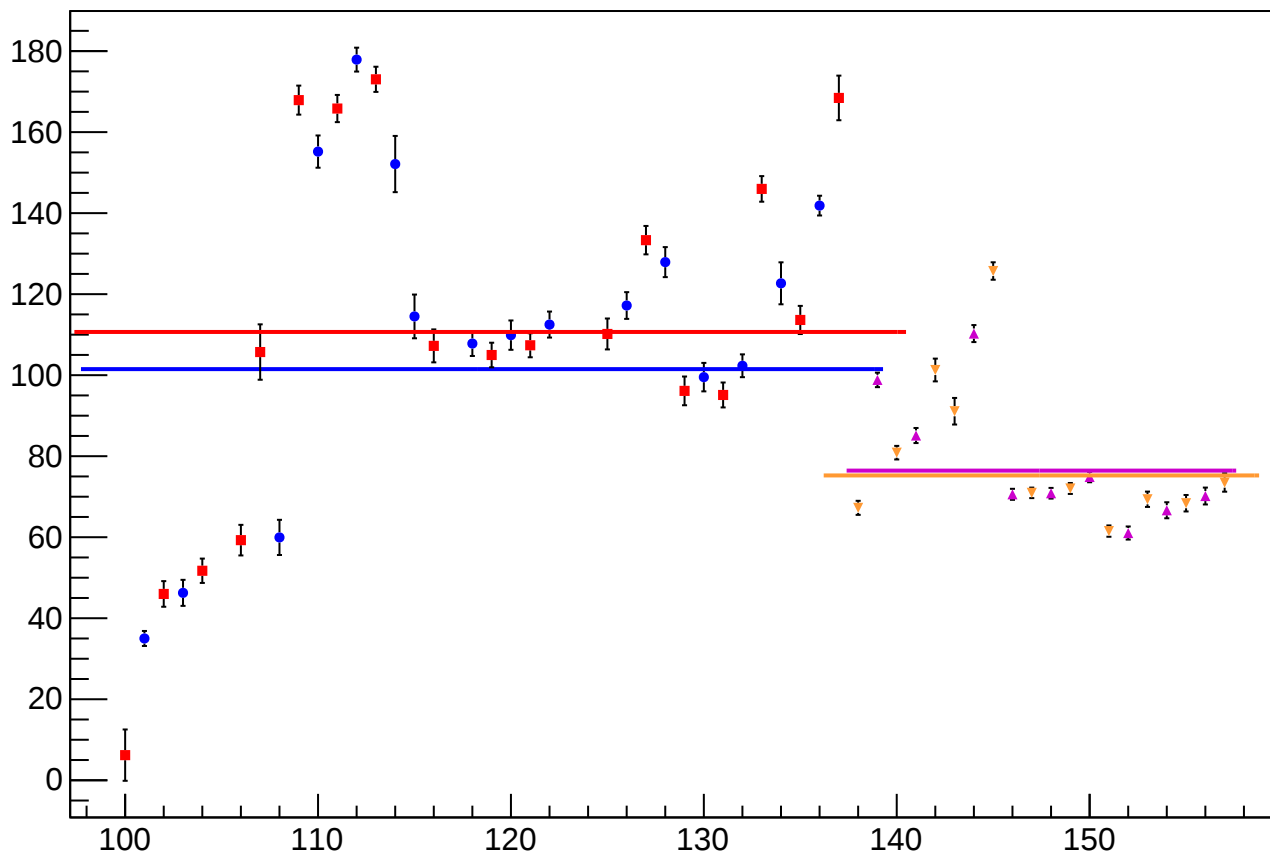
Right: 6.774 ± 0.310 χ^2/NDF : 886.6/33

In: 4.967 ± 0.277 χ^2/NDF : 606.8/24

Out: 5.596 ± 0.277 χ^2/NDF : 646.7/28

All: 5.281 ± 0.196 χ^2/NDF : 1256.1/53

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 75.250 $\pm$ 0.535 χ^2 /NDF:825.1/10

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 76.444 $\pm$ 0.543 χ^2 /NDF:599.4/8

Left: 75.839 $\pm$ 0.381 χ^2 /NDF: 1427.0/19

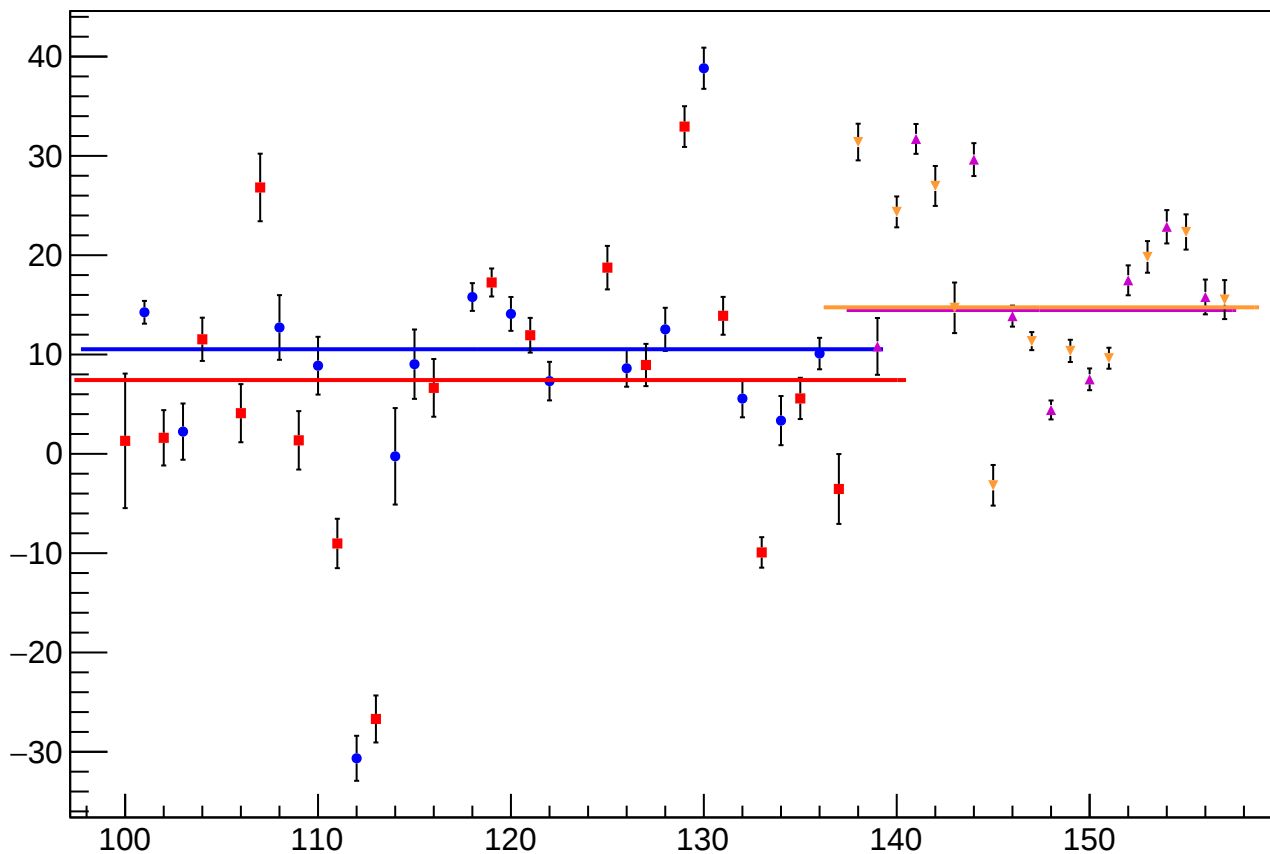
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 84.229 $\pm$ 0.451 χ^2 /NDF:4234.5/24

Out: 85.543 $\pm$ 0.451 χ^2 /NDF:4612.7/28

All: 84.886 $\pm$ 0.319 χ^2 /NDF: 8851.5/53

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 14.752 $\pm$ 0.438 χ^2 /NDF:314.6/10

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 14.481 $\pm$ 0.453 χ^2 /NDF:398.4/8

Left: 14.621 $\pm$ 0.315 χ^2 /NDF: 713.1/19

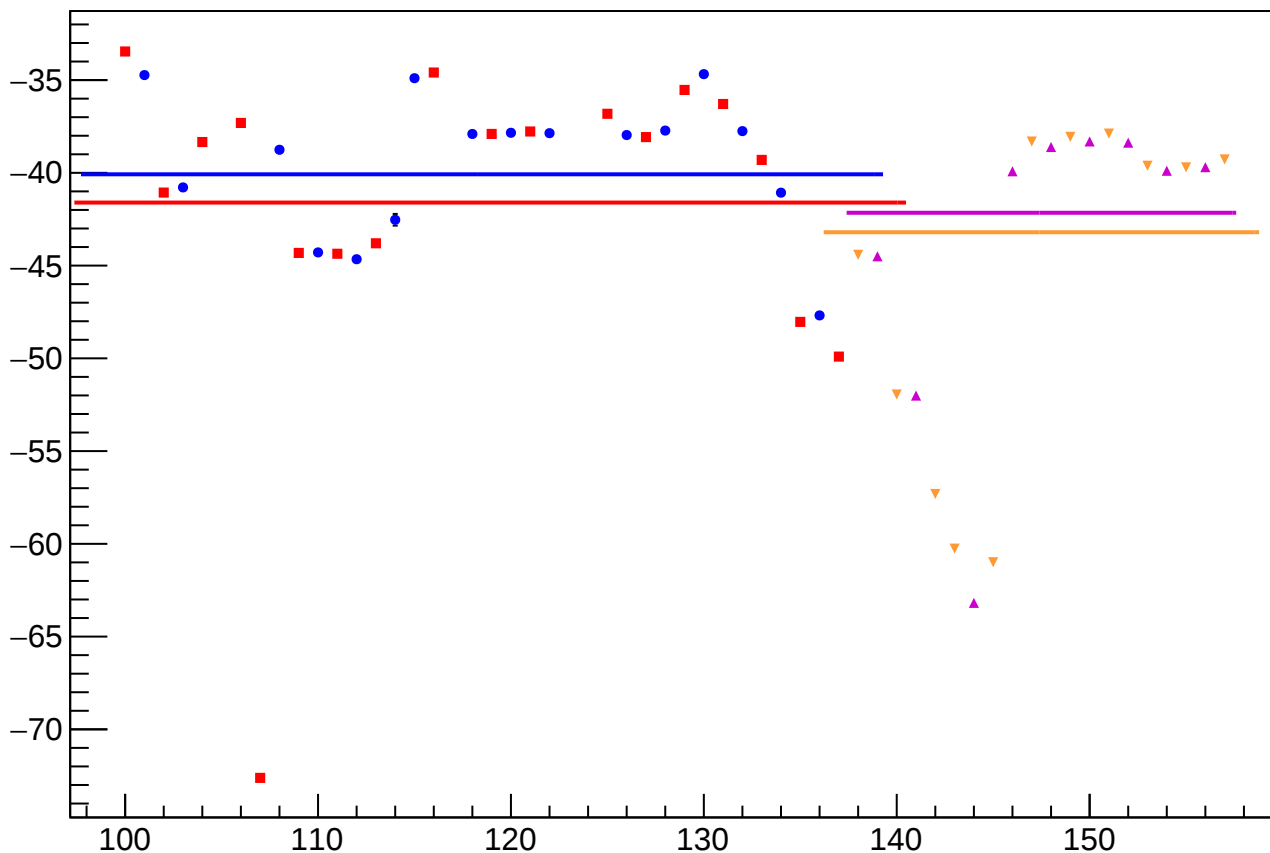
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.674 $\pm$ 0.333 χ^2 /NDF:1013.5/24

Out: 11.740 $\pm$ 0.336 χ^2 /NDF:1115.6/28

All: 12.210 $\pm$ 0.237 χ^2 /NDF: 2133.0/53

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: -43.202 ± 0.022 χ^2/NDF : 120004.9/10

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -42.152 ± 0.022 χ^2/NDF : 86365.2/8

Left: -42.677 ± 0.015 χ^2/NDF : 207524.4/19

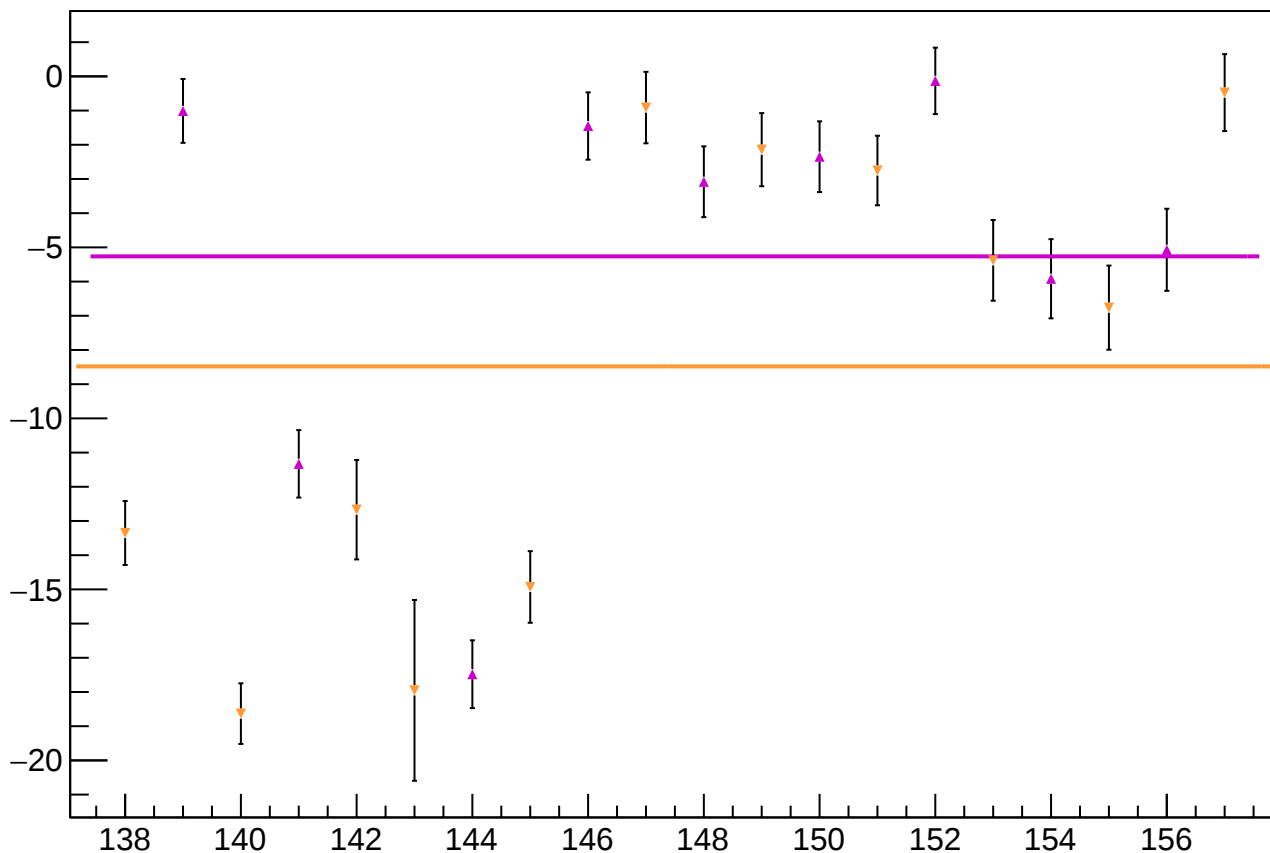
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.375 ± 0.017 χ^2/NDF : 114886.7/24

Out: -42.612 ± 0.017 χ^2/NDF : 183839.5/28

All: -41.990 ± 0.012 χ^2/NDF : 301275.6/53

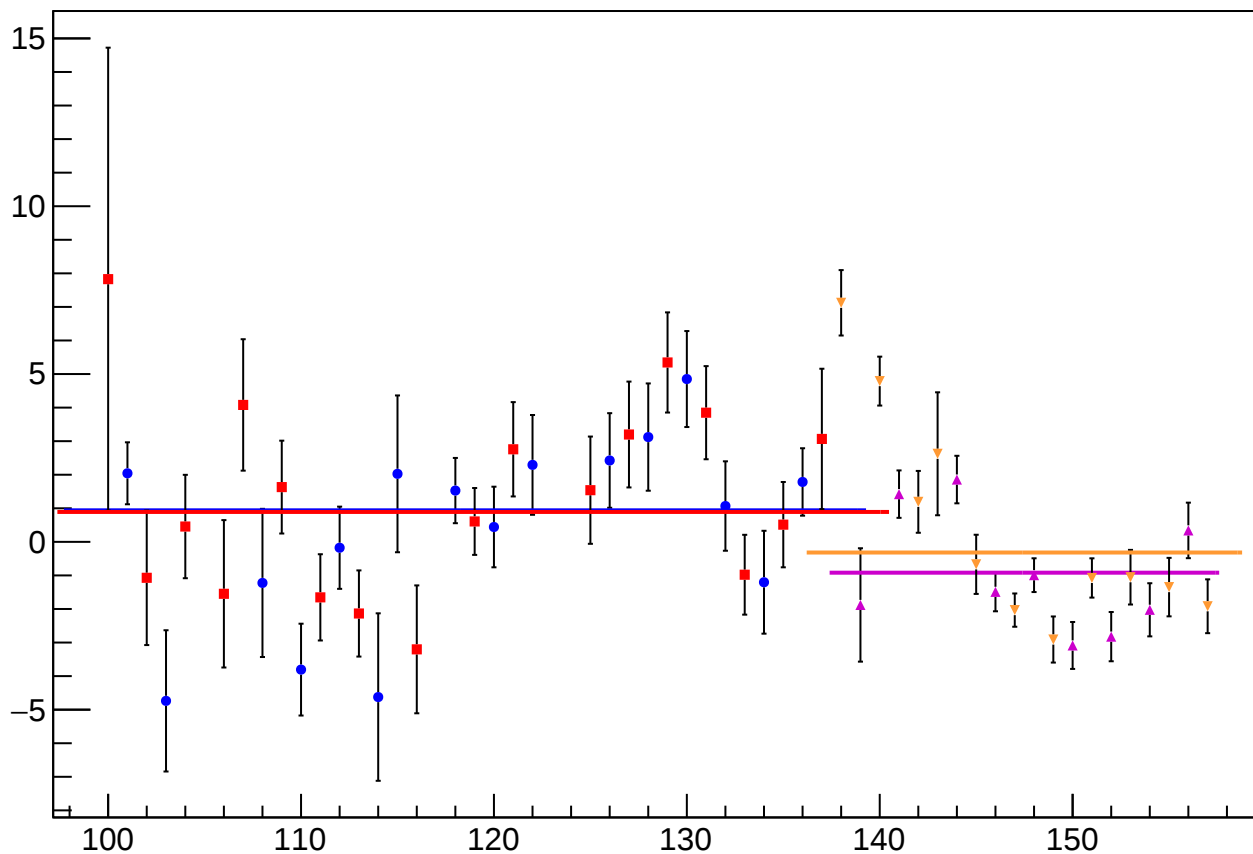
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.479+/-0.336 χ^2/NDF :396.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.263+/-0.341 χ^2/NDF :266.2/8

Left: -6.897+/-0.239 χ^2/NDF : 707.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.263+/-0.341 χ^2/NDF :266.2/8
 Out: -8.479+/-0.336 χ^2/NDF :396.2/10
 All: -6.897+/-0.239 χ^2/NDF : 707.5/19

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: -0.318 ± 0.228 $\chi^2/\text{NDF}: 146.9/10$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.919 ± 0.234 $\chi^2/\text{NDF}: 48.3/8$

Left: -0.610 ± 0.163 $\chi^2/\text{NDF}: 198.6/19$

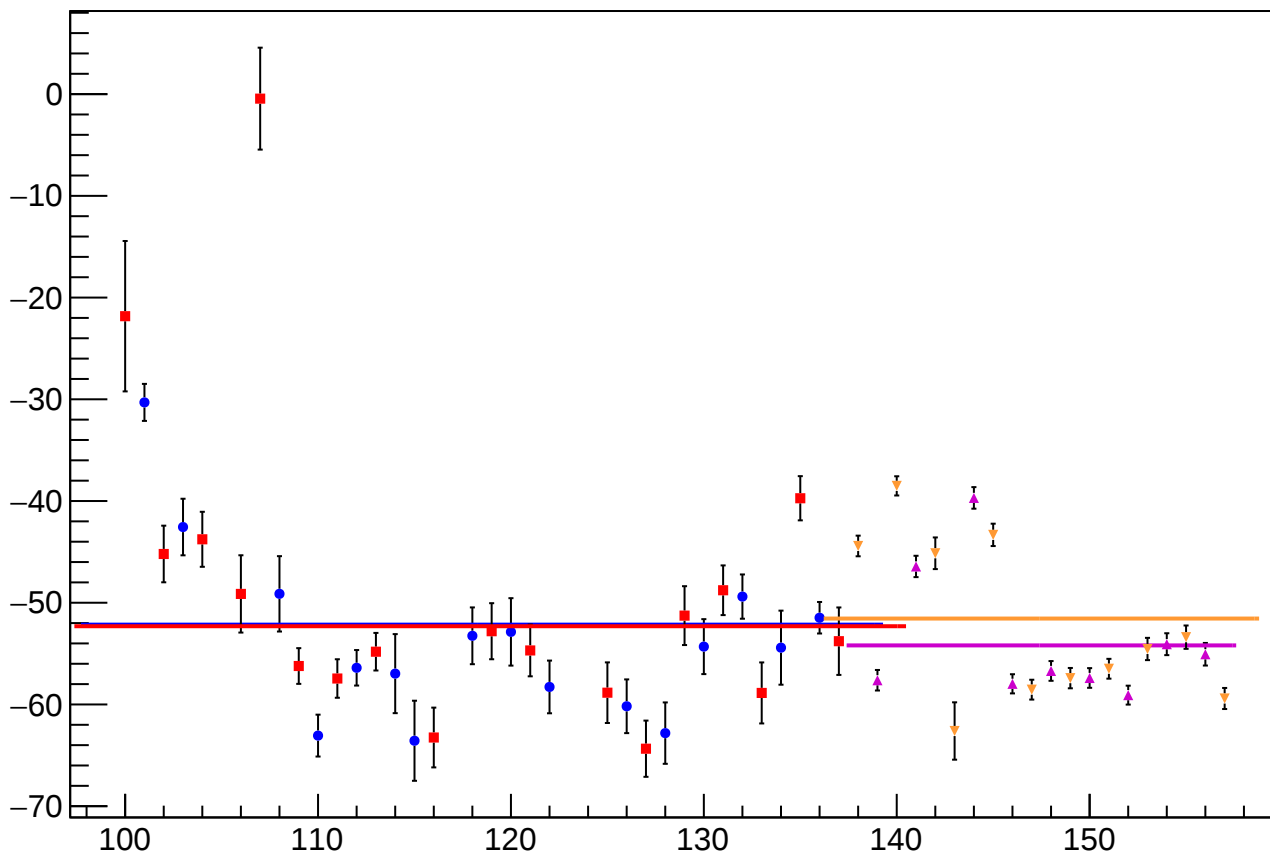
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.318 ± 0.193 $\chi^2/\text{NDF}: 110.9/24$

Out: 0.038 ± 0.192 $\chi^2/\text{NDF}: 196.8/28$

All: -0.139 ± 0.136 $\chi^2/\text{NDF}: 309.3/53$

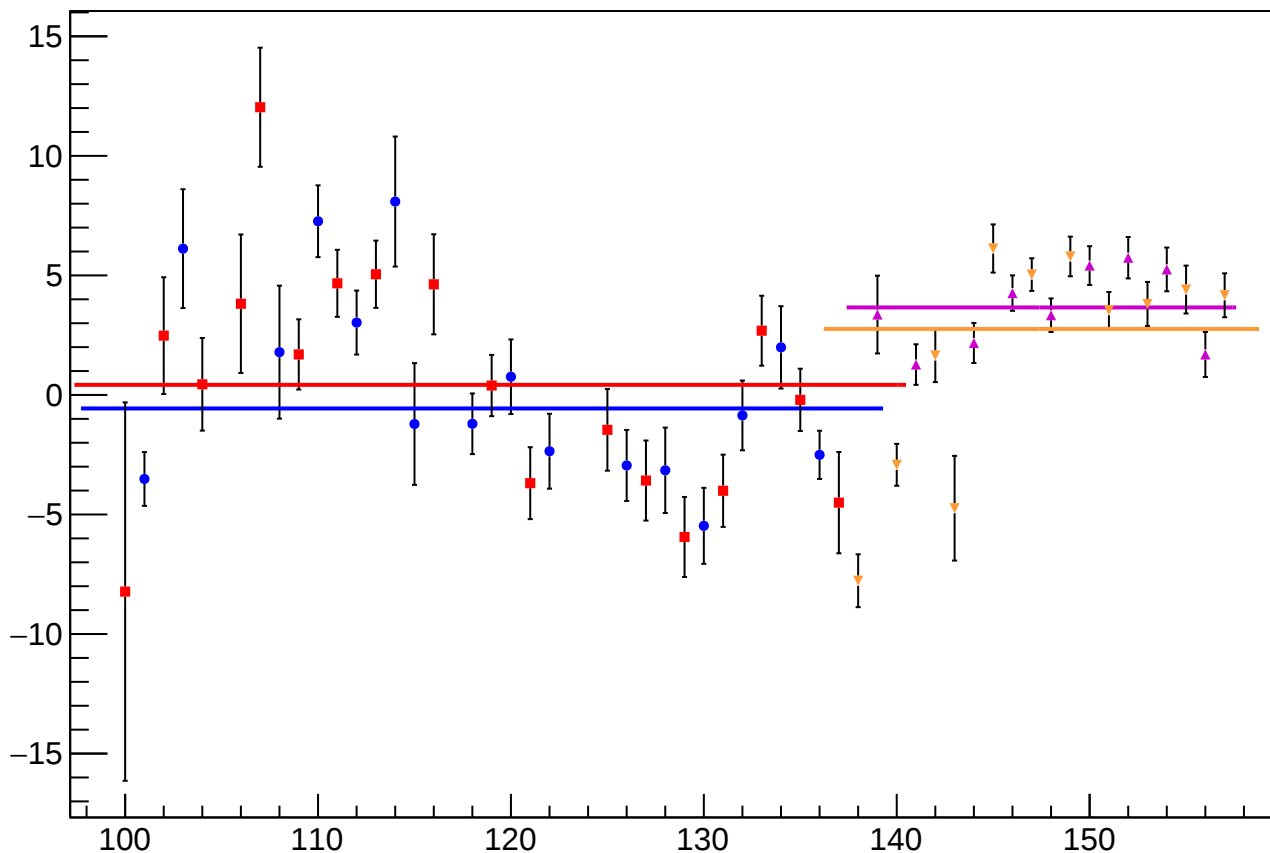
reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15
 Left Out: -51.555 ± 0.332 χ^2/NDF : 507.6/10
 Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17
 Left In: -54.194 ± 0.336 χ^2/NDF : 315.3/8

Left: -52.858 ± 0.236 χ^2/NDF : 854.2/19
 Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33
 In: -53.723 ± 0.295 χ^2/NDF : 554.9/24
 Out: -51.724 ± 0.292 χ^2/NDF : 743.6/28
 All: -52.715 ± 0.207 χ^2/NDF : 1321.7/53

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: 2.762 ± 0.279 χ^2/NDF : 188.6/10

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.660 ± 0.286 χ^2/NDF : 29.8/8

Left: 3.200 ± 0.200 χ^2/NDF : 223.5/19

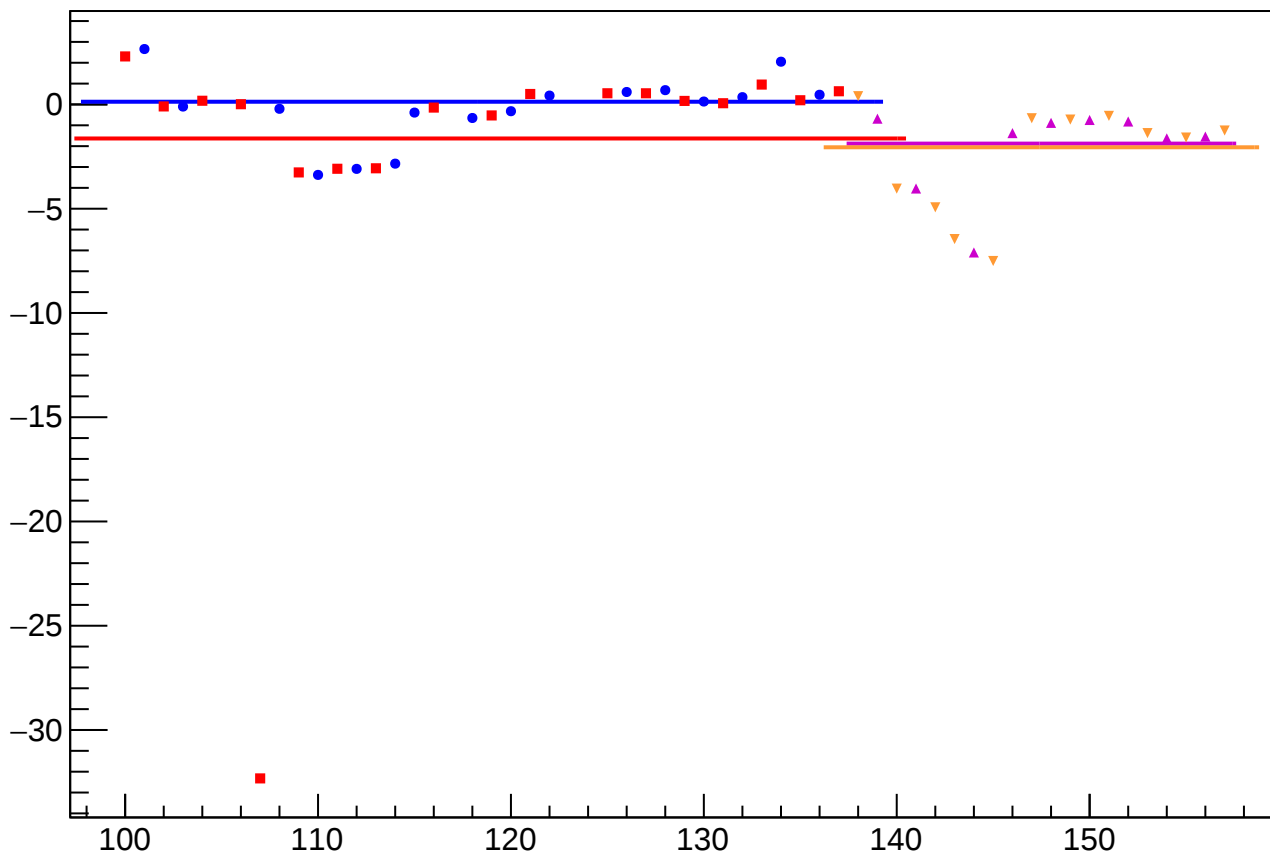
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 2.154 ± 0.230 χ^2/NDF : 189.4/24

Out: 1.994 ± 0.229 χ^2/NDF : 306.9/28

All: 2.074 ± 0.162 χ^2/NDF : 496.5/53

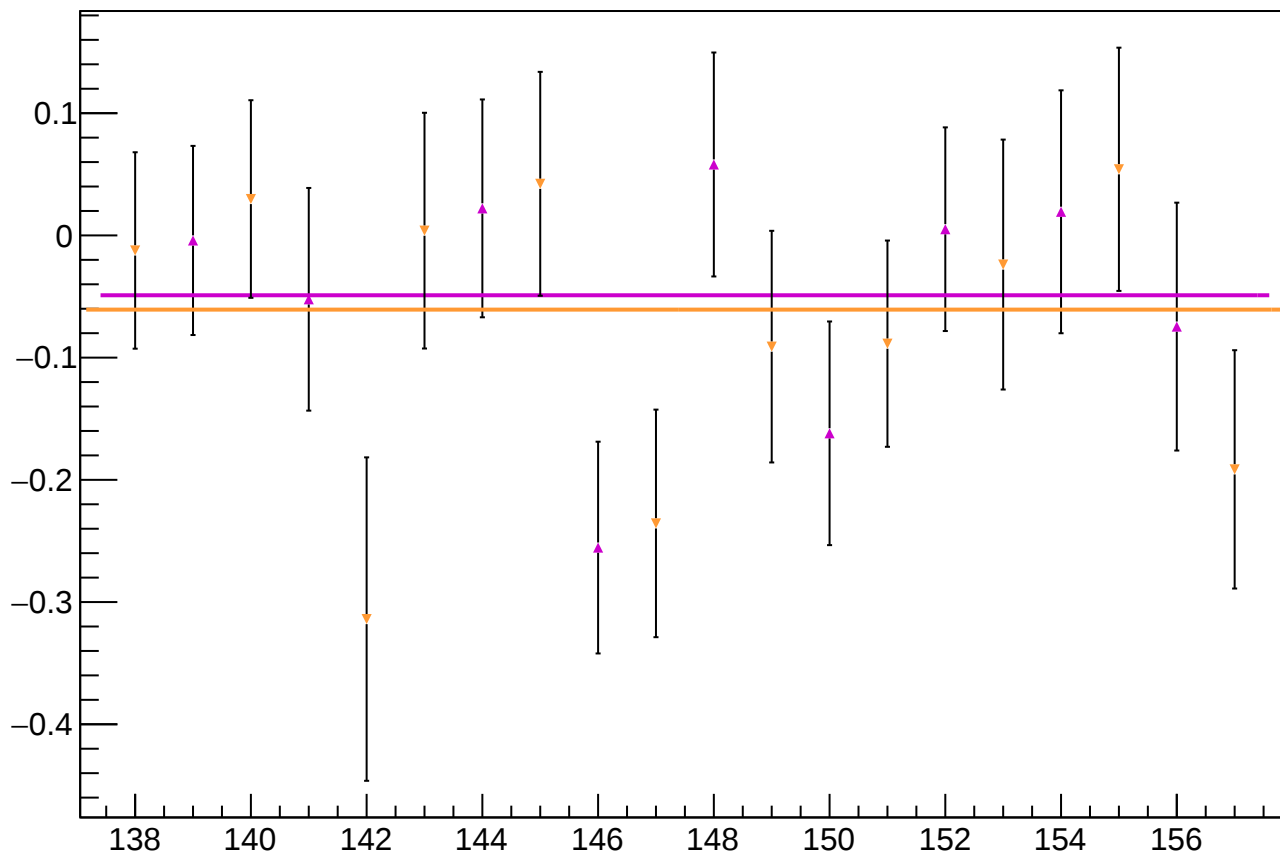
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.054 ± 0.013 $\chi^2/\text{NDF}: 29840.5/10$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.878 ± 0.013 $\chi^2/\text{NDF}: 18818.7/8$

Left: -1.967 ± 0.009 $\chi^2/\text{NDF}: 48748.4/19$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.324 ± 0.011 $\chi^2/\text{NDF}: 30362.3/24$
 Out: -1.942 ± 0.011 $\chi^2/\text{NDF}: 107990.4/28$
 All: -1.634 ± 0.008 $\chi^2/\text{NDF}: 139851.9/53$

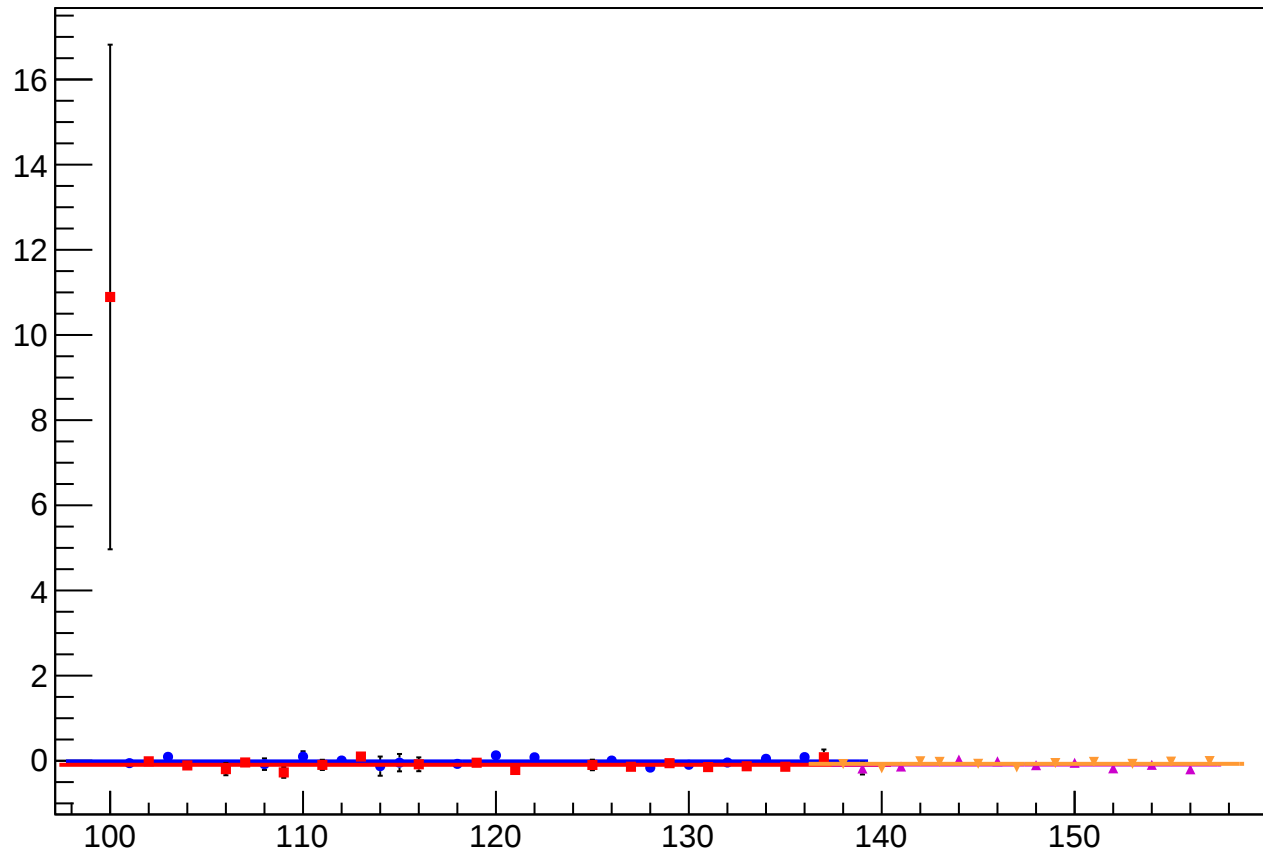
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.061+/-0.028 χ^2/NDF :14.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.049+/-0.030 χ^2/NDF :10.5/8

Left: -0.055+/-0.020 χ^2/NDF : 24.6/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.049+/-0.030 χ^2/NDF :10.5/8
 Out: -0.061+/-0.028 χ^2/NDF :14.0/10
 All: -0.055+/-0.020 χ^2/NDF : 24.6/19

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.071 ± 0.019 χ^2/NDF : 9.5/10

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.088 ± 0.021 χ^2/NDF : 11.6/8

Left: -0.079 ± 0.014 χ^2/NDF : 21.4/19

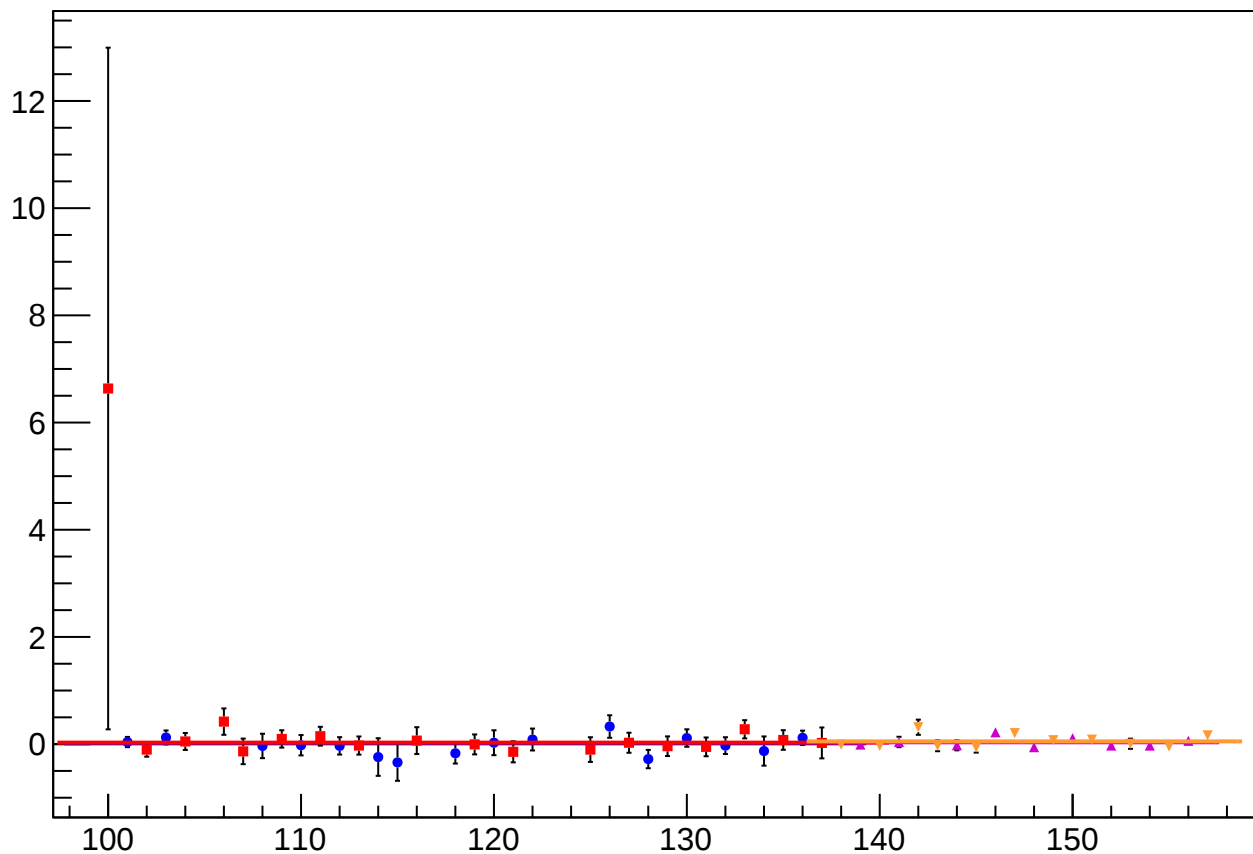
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.055 ± 0.015 χ^2/NDF : 29.7/24

Out: -0.080 ± 0.015 χ^2/NDF : 23.5/28

All: -0.068 ± 0.011 χ^2/NDF : 54.4/53

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.051+/-0.028 χ^2/NDF :13.2/10

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.034+/-0.029 χ^2/NDF :8.7/8

Left: 0.043+/-0.020 χ^2/NDF : 22.0/19

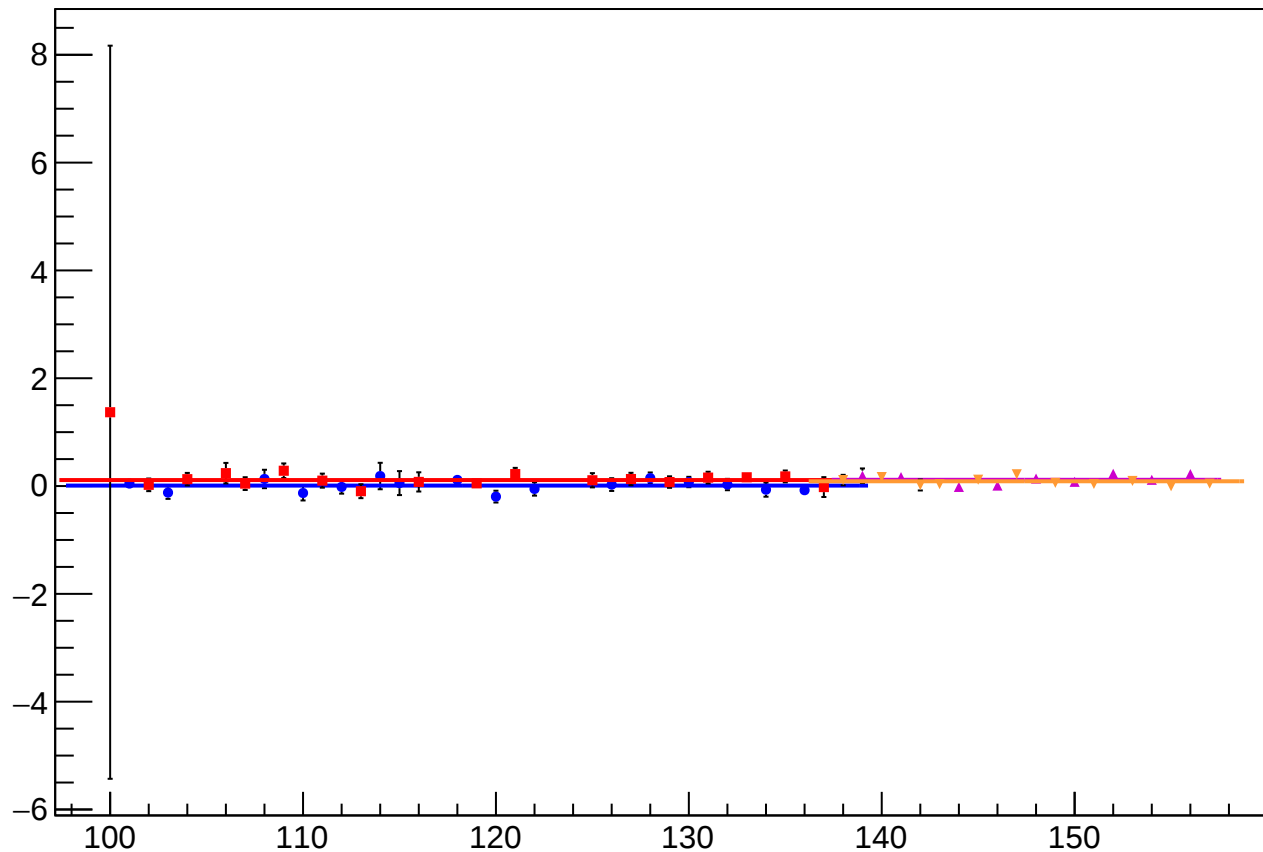
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.028+/-0.024 χ^2/NDF :18.9/24

Out: 0.045+/-0.024 χ^2/NDF :22.9/28

All: 0.037+/-0.017 χ^2/NDF : 42.0/53

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 χ^2/NDF : 12.6/15

Left Out: 0.089 ± 0.023 χ^2/NDF : 9.0/10

Right Out: 0.111 ± 0.029 χ^2/NDF : 8.6/17

Left In: 0.116 ± 0.025 χ^2/NDF : 10.9/8

Left: 0.101 ± 0.017 χ^2/NDF : 20.5/19

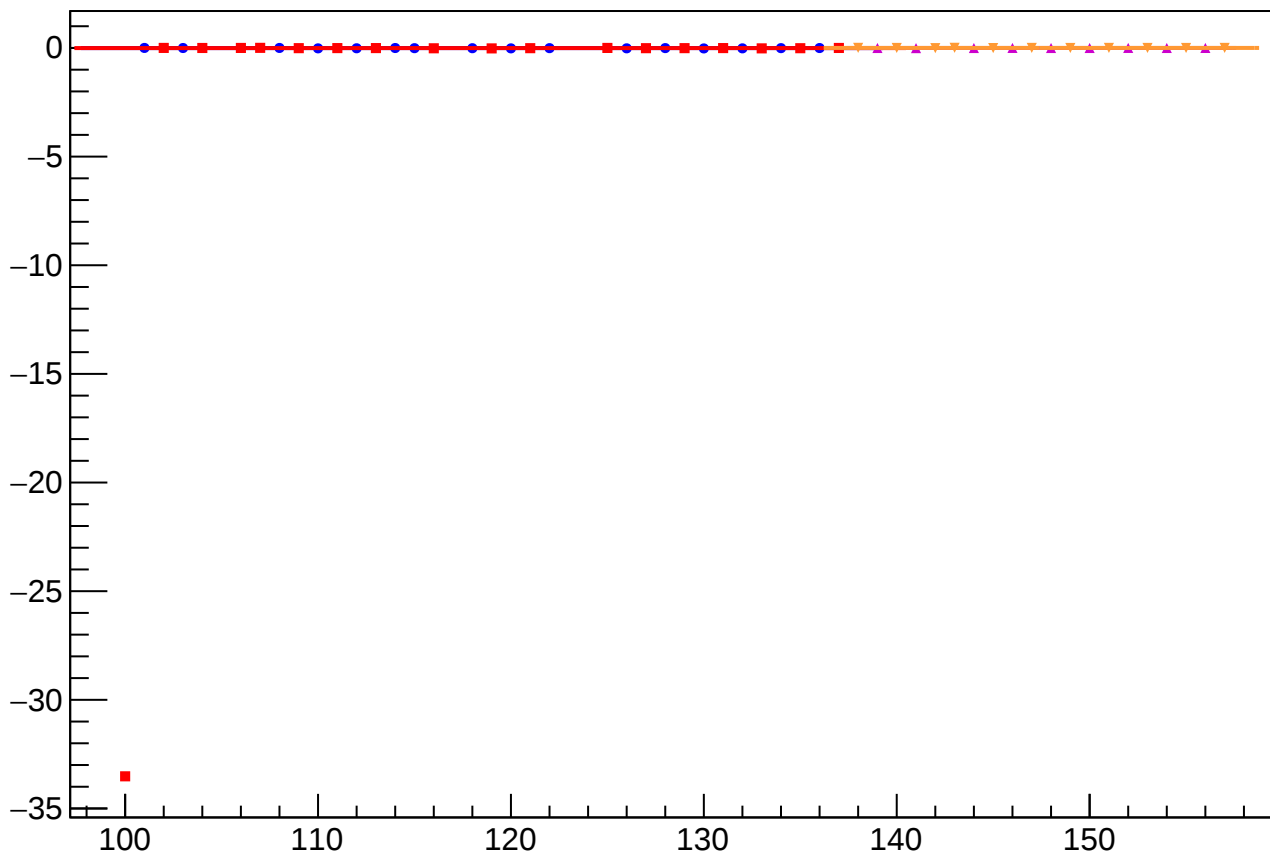
Right: 0.057 ± 0.020 χ^2/NDF : 28.0/33

In: 0.066 ± 0.018 χ^2/NDF : 31.9/24

Out: 0.098 ± 0.018 χ^2/NDF : 18.0/28

All: 0.082 ± 0.013 χ^2/NDF : 51.4/53

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: 0.001 ± 0.001 χ^2/NDF : 9.0/10

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: -0.001 ± 0.001 χ^2/NDF : 4.9/8

Left: 0.000 ± 0.001 χ^2/NDF : 15.5/19

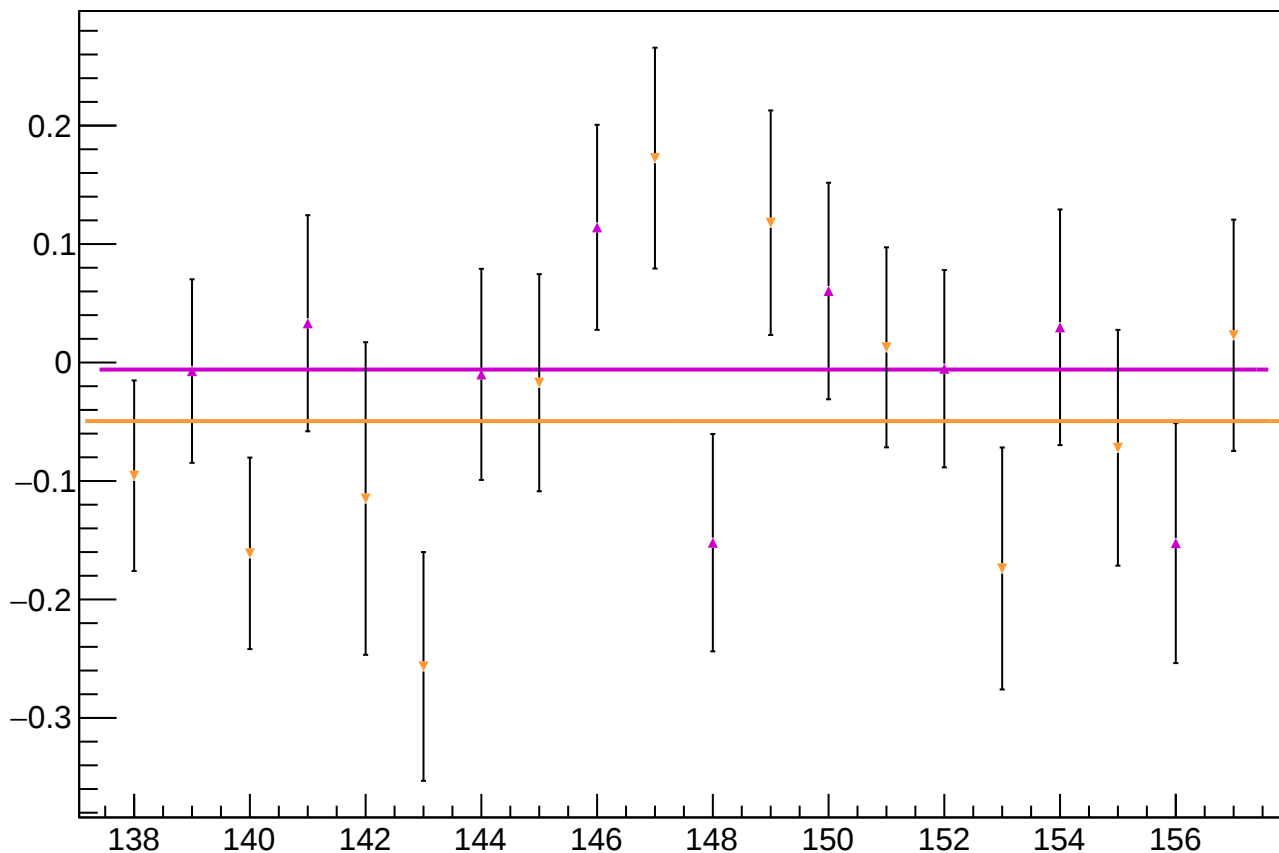
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 34.4/24

Out: -0.001 ± 0.001 χ^2/NDF : 26534.0/28

All: -0.002 ± 0.001 χ^2/NDF : 26569.3/53

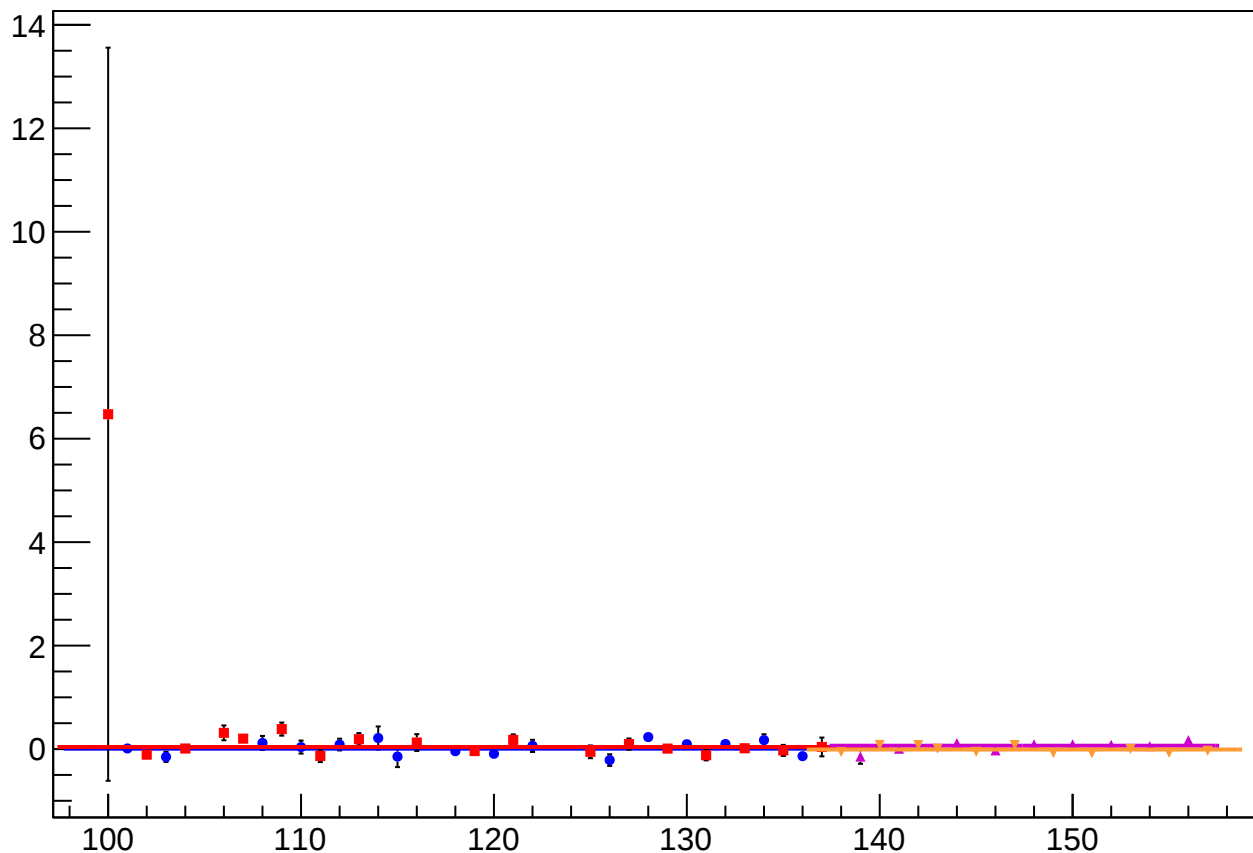
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.049 $\pm$ 0.028 χ^2 /NDF:18.6/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.006 $\pm$ 0.030 χ^2 /NDF:7.4/8

Left: -0.029 $\pm$ 0.020 χ^2 /NDF: 27.1/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.006 $\pm$ 0.030 χ^2 /NDF:7.4/8
 Out: -0.049 $\pm$ 0.028 χ^2 /NDF:18.6/10
 All: -0.029 $\pm$ 0.020 χ^2 /NDF: 27.1/19

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: -0.008 $\pm$ 0.019 χ^2 /NDF:11.7/10

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.064 $\pm$ 0.021 χ^2 /NDF:9.7/8

Left: 0.025 $\pm$ 0.014 χ^2 /NDF: 28.1/19

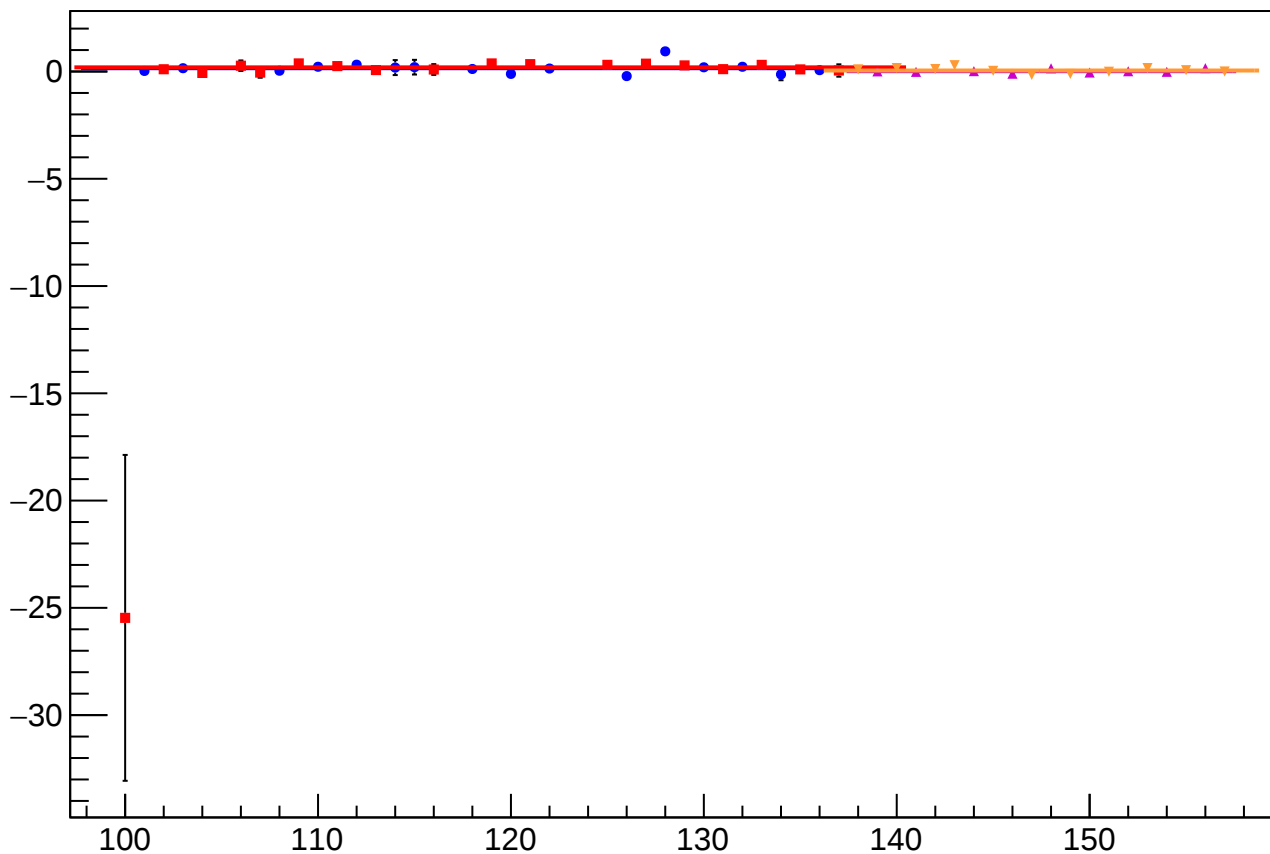
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.040 $\pm$ 0.015 χ^2 /NDF:36.6/24

Out: 0.010 $\pm$ 0.015 χ^2 /NDF:42.4/28

All: 0.024 $\pm$ 0.011 χ^2 /NDF: 81.0/53

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: 0.047+/-0.028 χ^2/NDF : 19.3/10

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.016+/-0.029 χ^2/NDF : 7.4/8

Left: 0.032+/-0.020 χ^2/NDF : 27.4/19

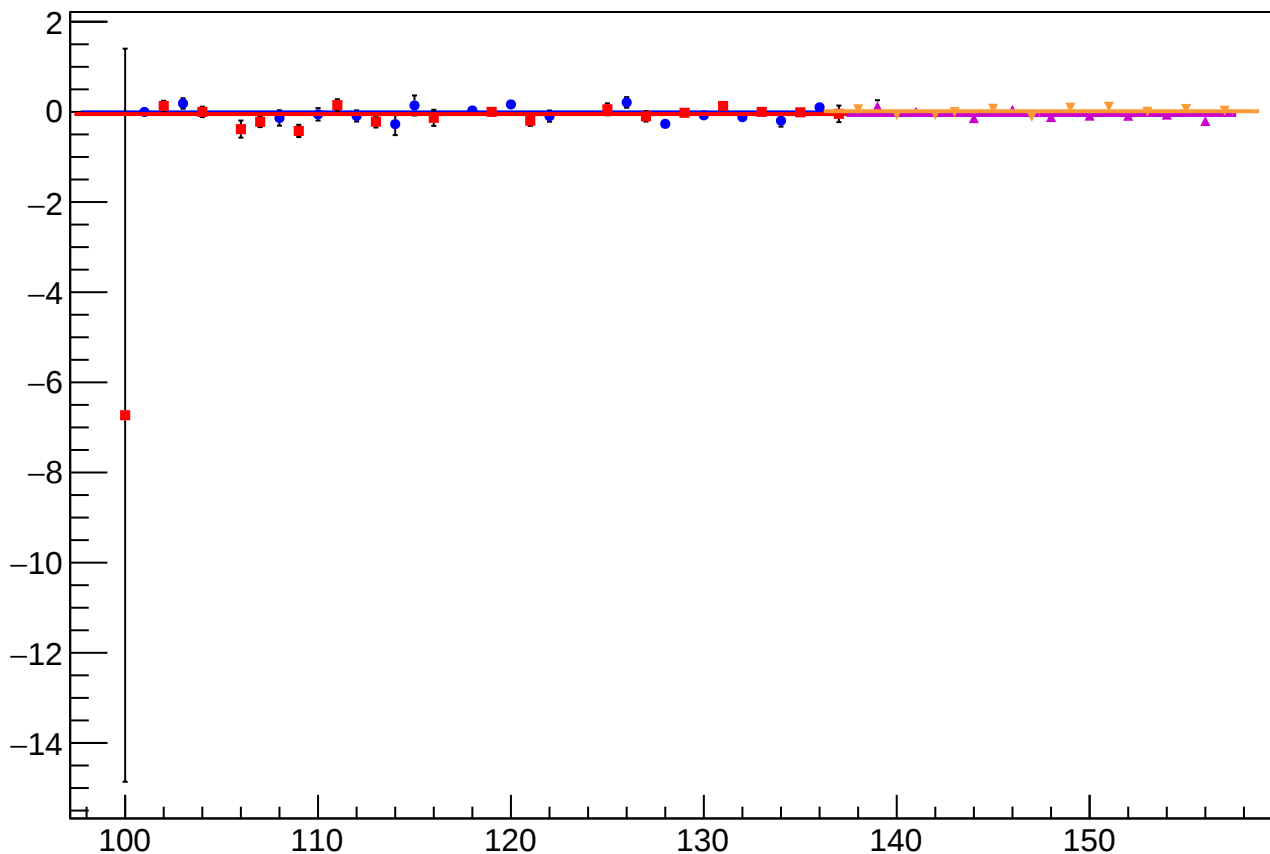
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.060+/-0.024 χ^2/NDF : 45.0/24

Out: 0.087+/-0.024 χ^2/NDF : 49.0/28

All: 0.074+/-0.017 χ^2/NDF : 94.7/53

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: 0.015 ± 0.023 $\chi^2/\text{NDF}: 10.6/10$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.068 ± 0.025 $\chi^2/\text{NDF}: 10.3/8$

Left: -0.024 ± 0.017 $\chi^2/\text{NDF}: 26.7/19$

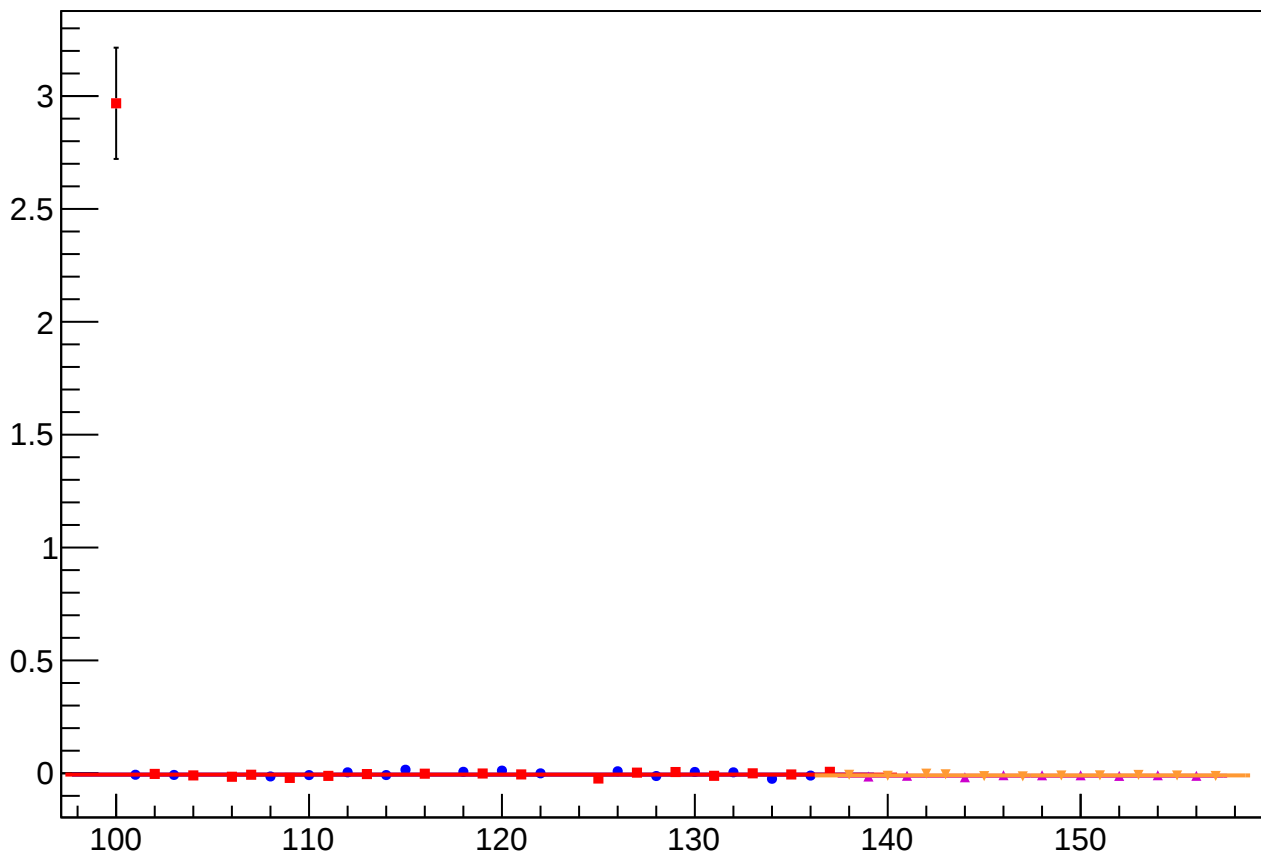
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.041 ± 0.018 $\chi^2/\text{NDF}: 36.1/24$

Out: -0.011 ± 0.018 $\chi^2/\text{NDF}: 39.7/28$

All: -0.026 ± 0.013 $\chi^2/\text{NDF}: 77.3/53$

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 : 7.0/10

Right Out: -0.006+/-0.001 χ^2/NDF : 165.2/17

Left In: -0.011+/-0.001 χ^2/NDF : 5.5/8

Left: -0.010+/-0.001 χ^2/NDF : 13.7/19

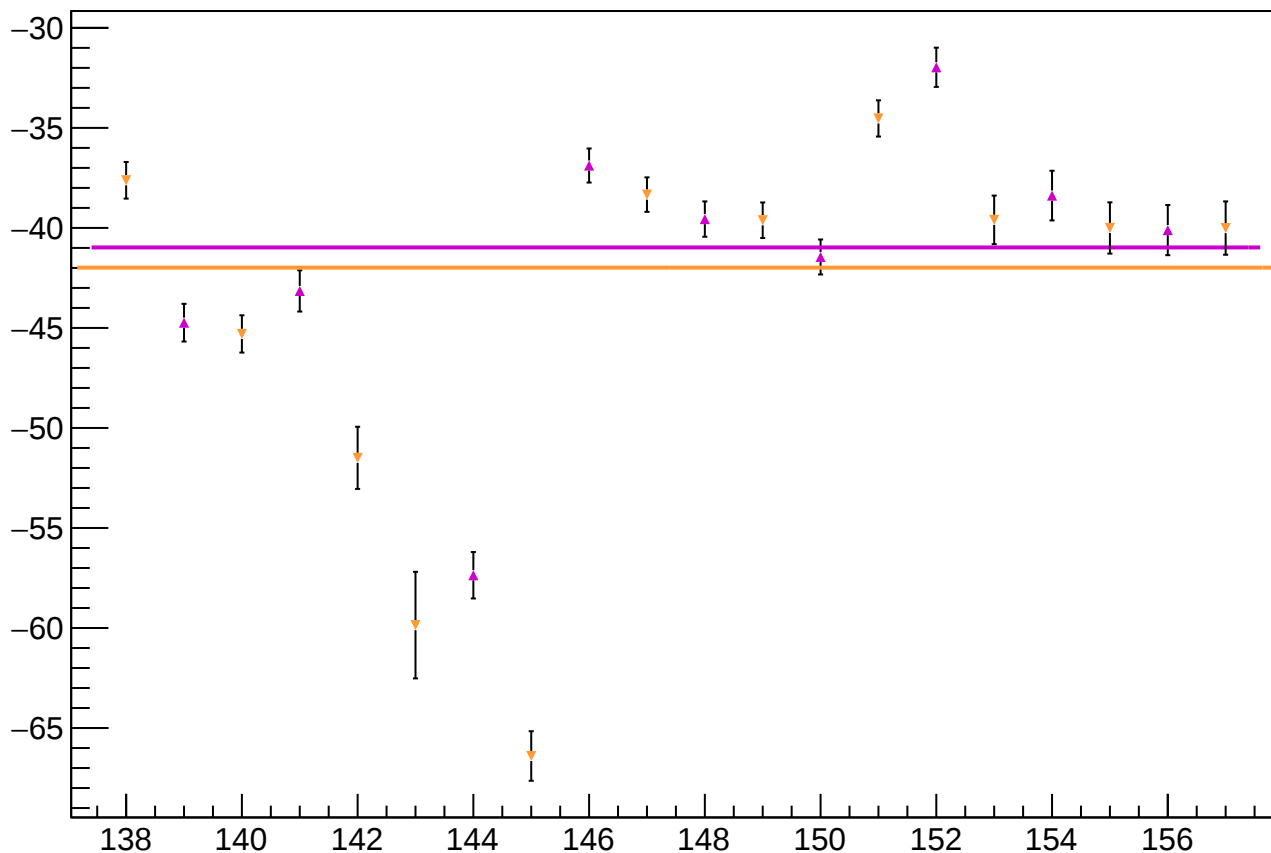
Right: -0.006+/-0.001 χ^2/NDF : 193.9/33

In: -0.009+/-0.001 χ^2/NDF : 42.1/24

Out: -0.008+/-0.001 χ^2/NDF : 176.0/28

All: -0.009+/-0.001 χ^2/NDF : 218.8/53

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.986+/-0.329 χ^2/NDF :607.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.977+/-0.331 χ^2/NDF :335.1/8

Left: -41.485+/-0.234 χ^2/NDF : 946.7/19

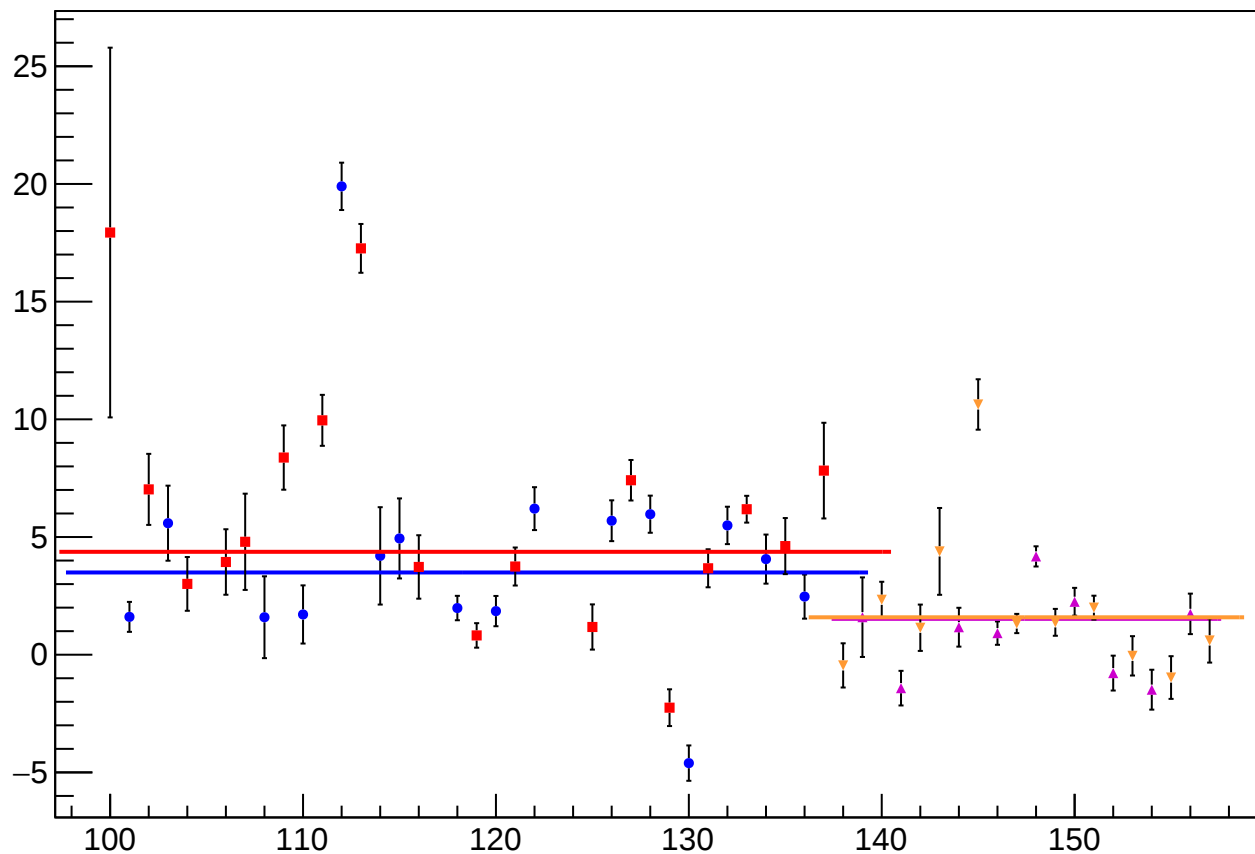
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.977+/-0.331 χ^2/NDF :335.1/8

Out: -41.986+/-0.329 χ^2/NDF :607.0/10

All: -41.485+/-0.234 χ^2/NDF : 946.7/19

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: 1.589 $\pm$ 0.214 χ^2 /NDF:93.5/10

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.523 $\pm$ 0.220 χ^2 /NDF:79.8/8

Left: 1.557 $\pm$ 0.154 χ^2 /NDF: 173.4/19

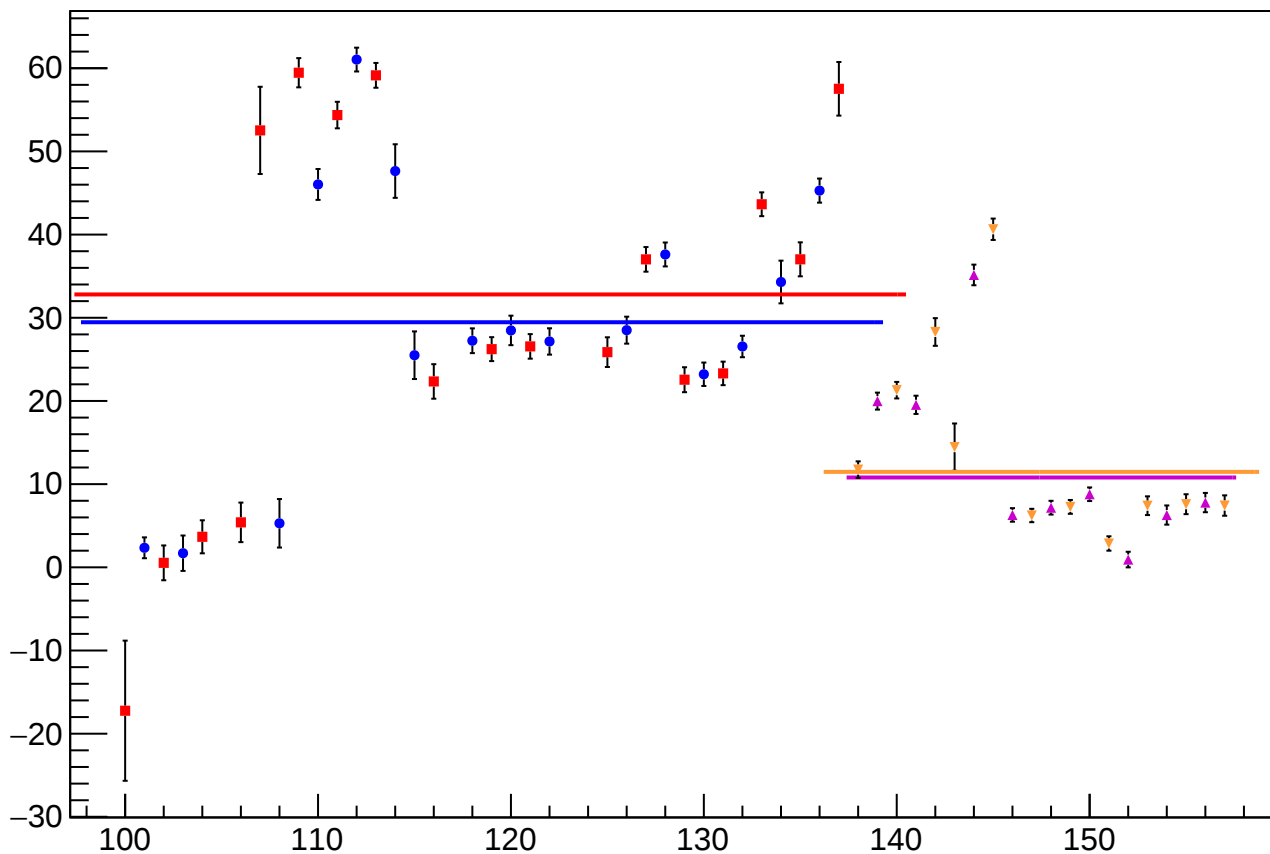
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.521 $\pm$ 0.155 χ^2 /NDF:565.2/24

Out: 2.911 $\pm$ 0.155 χ^2 /NDF:527.5/28

All: 2.716 $\pm$ 0.110 χ^2 /NDF: 1095.9/53

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: 11.475 $\pm$ 0.323 χ^2 /NDF: 916.9/10

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 10.799 $\pm$ 0.324 χ^2 /NDF: 717.8/8

Left: 11.138 $\pm$ 0.229 χ^2 /NDF: 1636.9/19

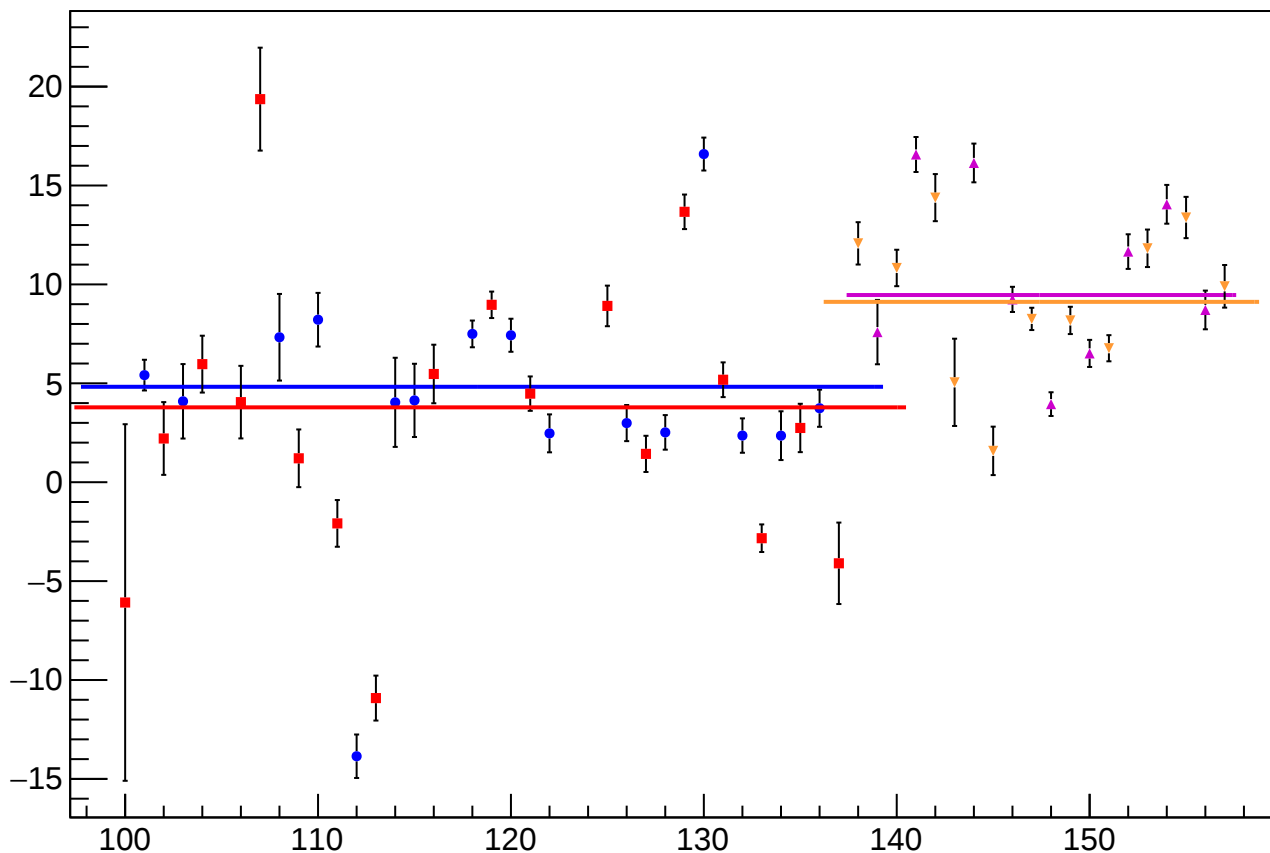
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 17.812 $\pm$ 0.256 χ^2 /NDF: 3456.7/24

Out: 19.326 $\pm$ 0.257 χ^2 /NDF: 4183.4/28

All: 18.567 $\pm$ 0.181 χ^2 /NDF: 7657.6/53

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.118 ± 0.267 $\chi^2/\text{NDF}: 114.1/10$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.463 ± 0.272 $\chi^2/\text{NDF}: 244.4/8$

Left: 9.287 ± 0.191 $\chi^2/\text{NDF}: 359.3/19$

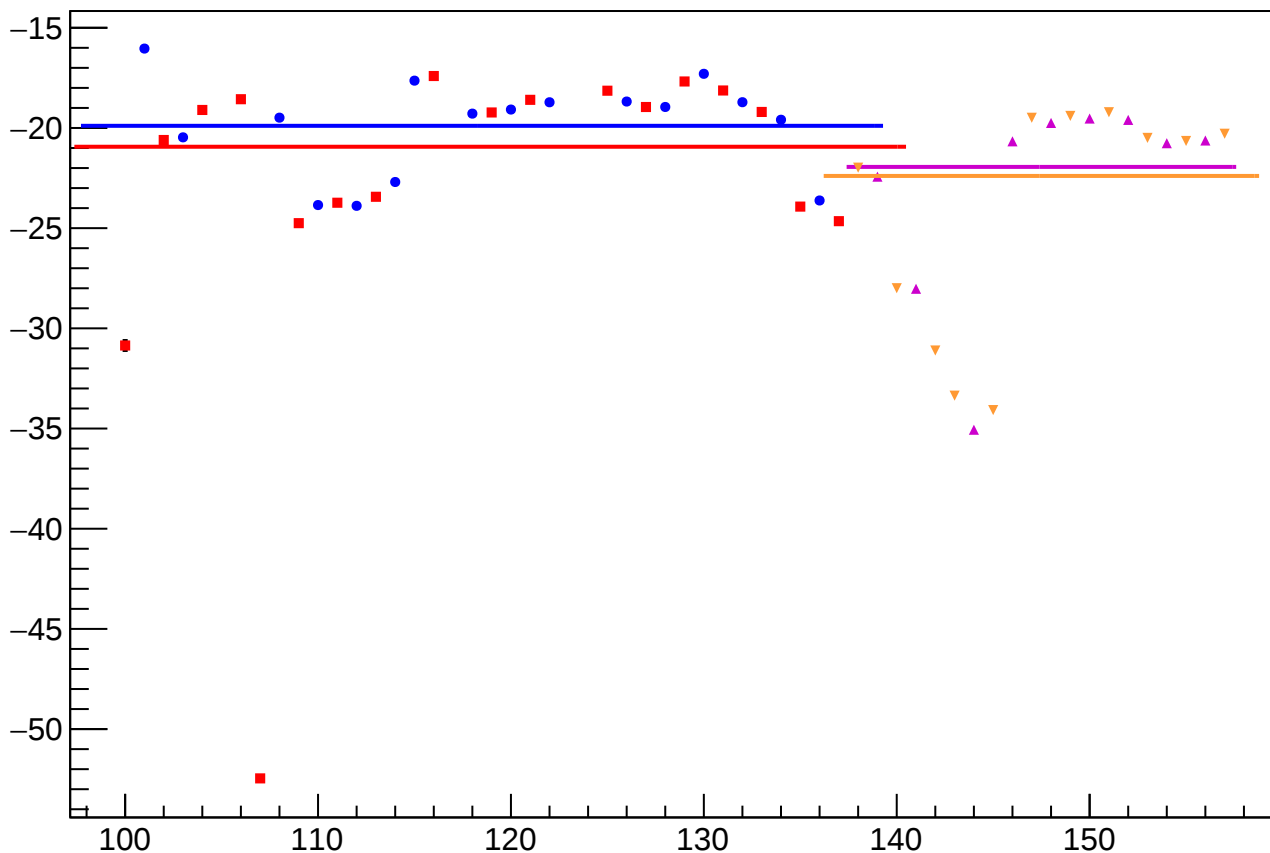
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 6.960 ± 0.185 $\chi^2/\text{NDF}: 953.8/24$

Out: 6.372 ± 0.186 $\chi^2/\text{NDF}: 884.9/28$

All: 6.667 ± 0.131 $\chi^2/\text{NDF}: 1843.7/53$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -22.393 $\pm$ 0.013 χ^2 /NDF:122241.3/10

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -21.943 $\pm$ 0.013 χ^2 /NDF:92761.4/8

Left: -22.166 $\pm$ 0.009 χ^2 /NDF: 215600.8/19

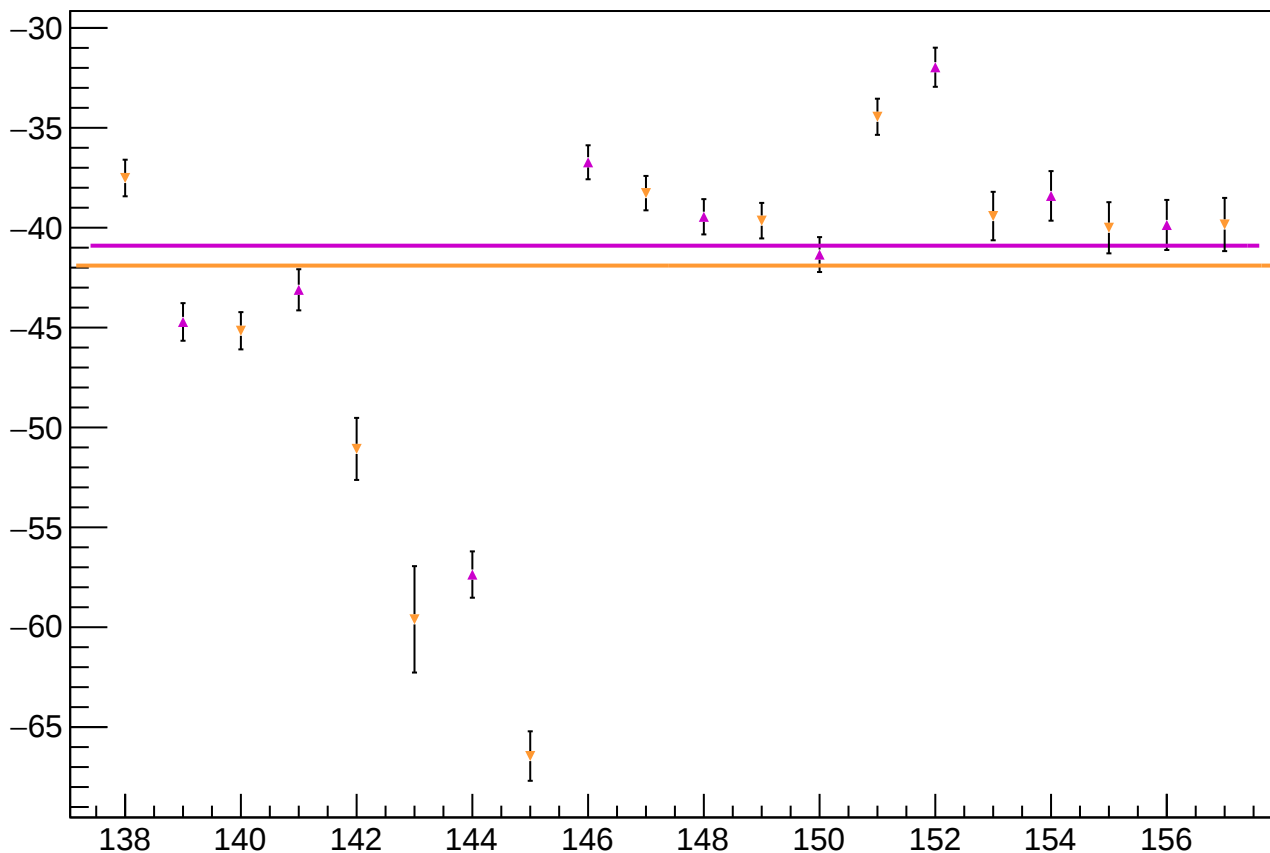
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.104 $\pm$ 0.010 χ^2 /NDF:129083.2/24

Out: -21.796 $\pm$ 0.010 χ^2 /NDF:221442.8/28

All: -21.447 $\pm$ 0.007 χ^2 /NDF: 352913.7/53

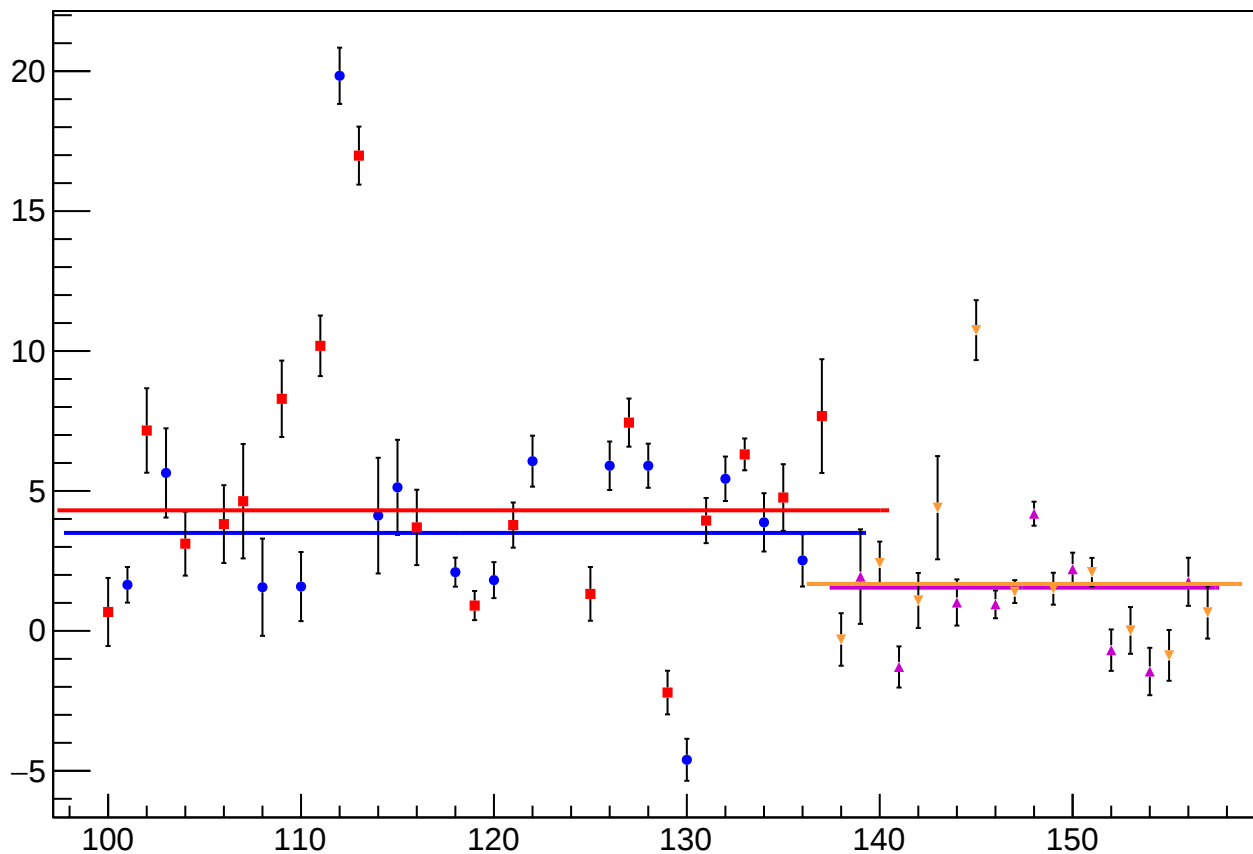
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.897+/-0.329 χ^2/NDF :607.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.900+/-0.331 χ^2/NDF :337.4/8

Left: -41.402+/-0.233 χ^2/NDF : 949.8/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.900+/-0.331 χ^2/NDF :337.4/8
 Out: -41.897+/-0.329 χ^2/NDF :607.8/10
 All: -41.402+/-0.233 χ^2/NDF : 949.8/19

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.677 ± 0.214 $\chi^2/\text{NDF}: 94.0/10$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.545 ± 0.220 $\chi^2/\text{NDF}: 77.7/8$

Left: 1.613 ± 0.154 $\chi^2/\text{NDF}: 171.9/19$

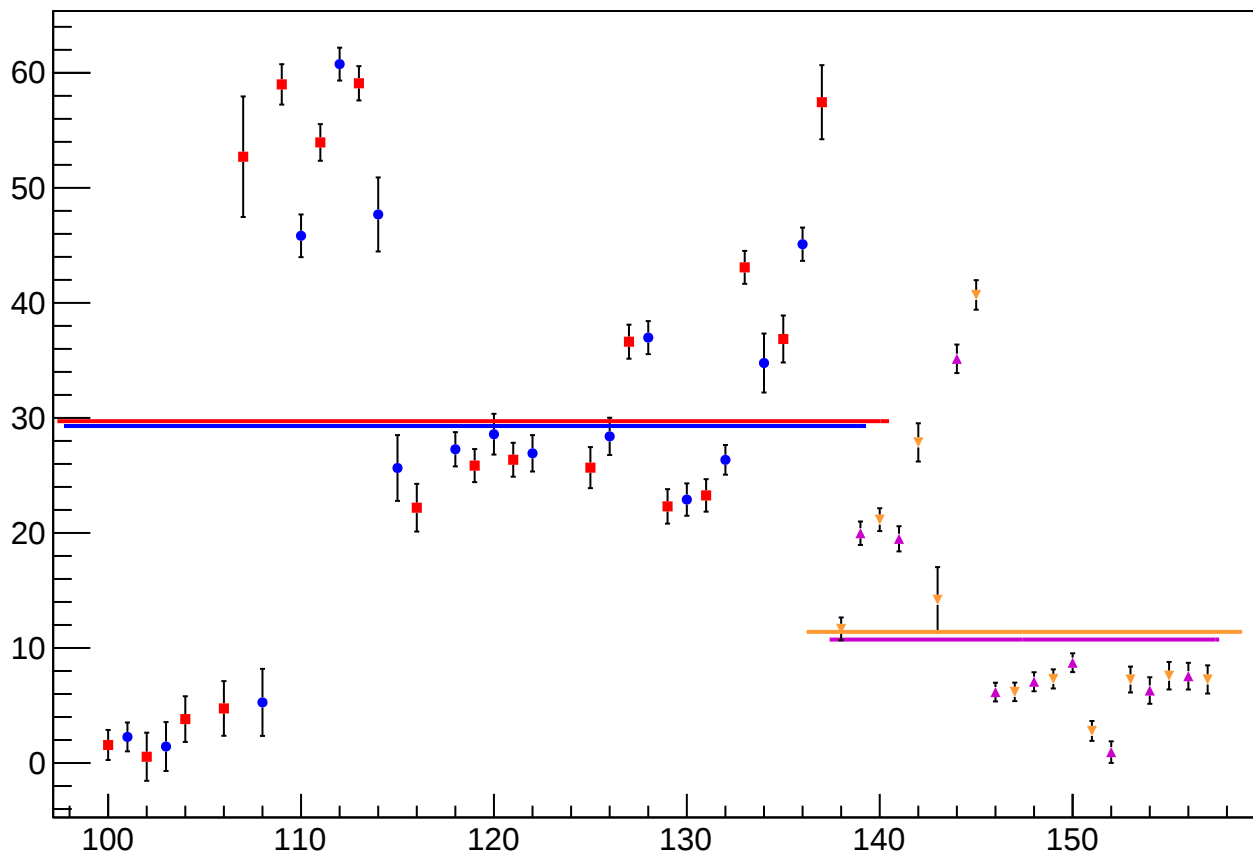
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.535 ± 0.155 $\chi^2/\text{NDF}: 559.5/24$

Out: 2.949 ± 0.154 $\chi^2/\text{NDF}: 519.7/28$

All: 2.743 ± 0.109 $\chi^2/\text{NDF}: 1082.8/53$

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: 11.400 $\pm$ 0.323 χ^2 /NDF:915.7/10

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 10.731 $\pm$ 0.324 χ^2 /NDF:721.6/8

Left: 11.067 $\pm$ 0.229 χ^2 /NDF: 1639.4/19

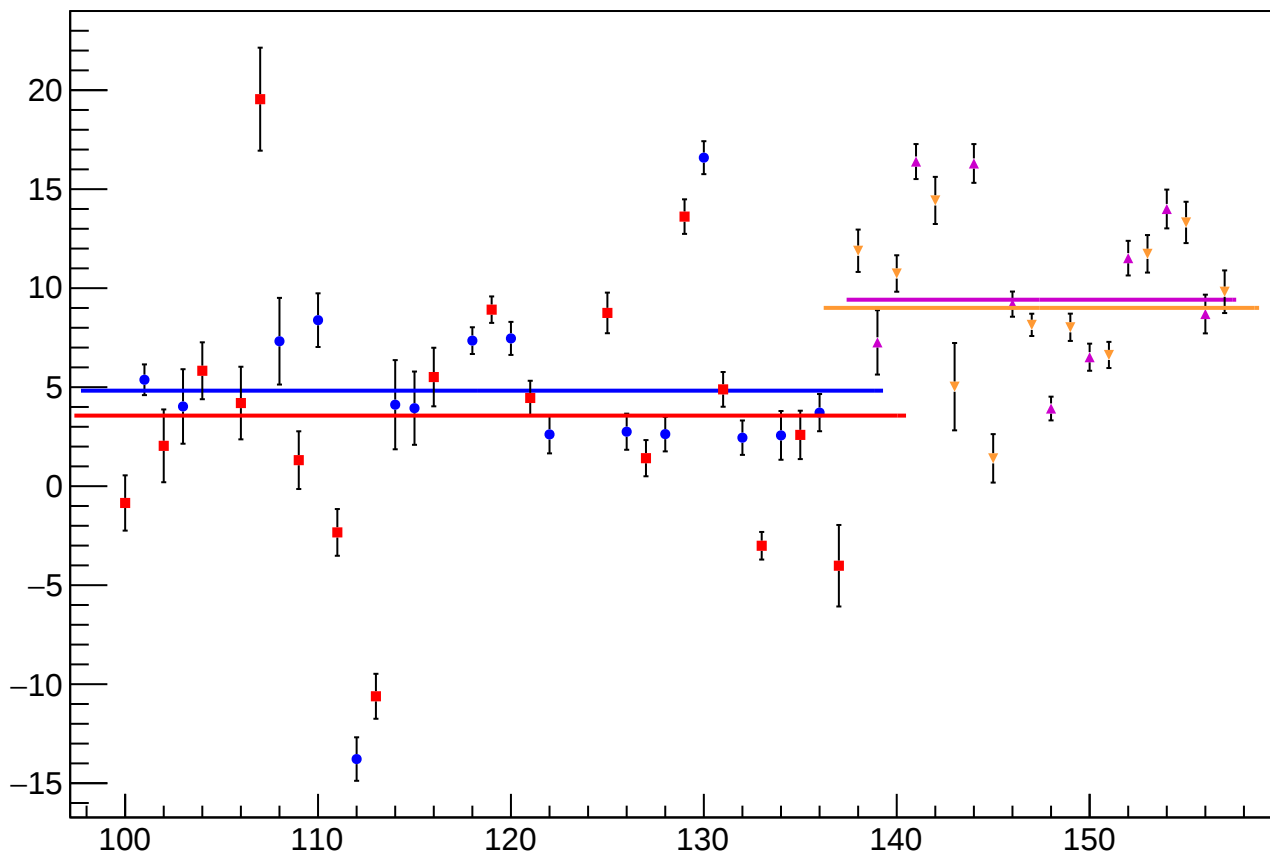
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 17.708 $\pm$ 0.256 χ^2 /NDF:3442.7/24

Out: 18.565 $\pm$ 0.252 χ^2 /NDF:4305.5/28

All: 18.143 $\pm$ 0.179 χ^2 /NDF: 7753.9/53

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: 9.004 ± 0.266 χ^2/NDF : 116.7/10

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.417 ± 0.272 χ^2/NDF : 243.9/8

Left: 9.206 ± 0.190 χ^2/NDF : 361.8/19

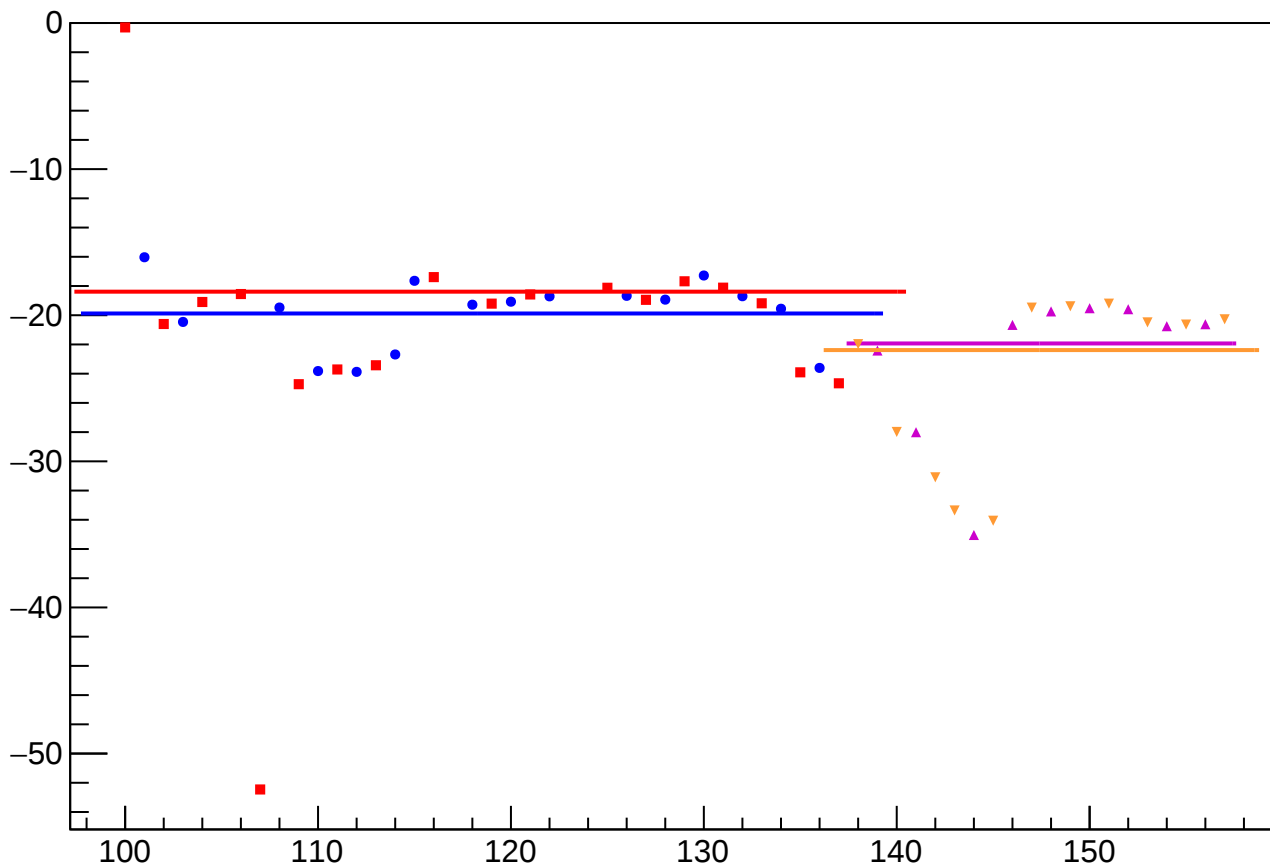
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 6.939 ± 0.185 χ^2/NDF : 946.7/24

Out: 6.159 ± 0.184 χ^2/NDF : 905.0/28

All: 6.547 ± 0.130 χ^2/NDF : 1860.6/53

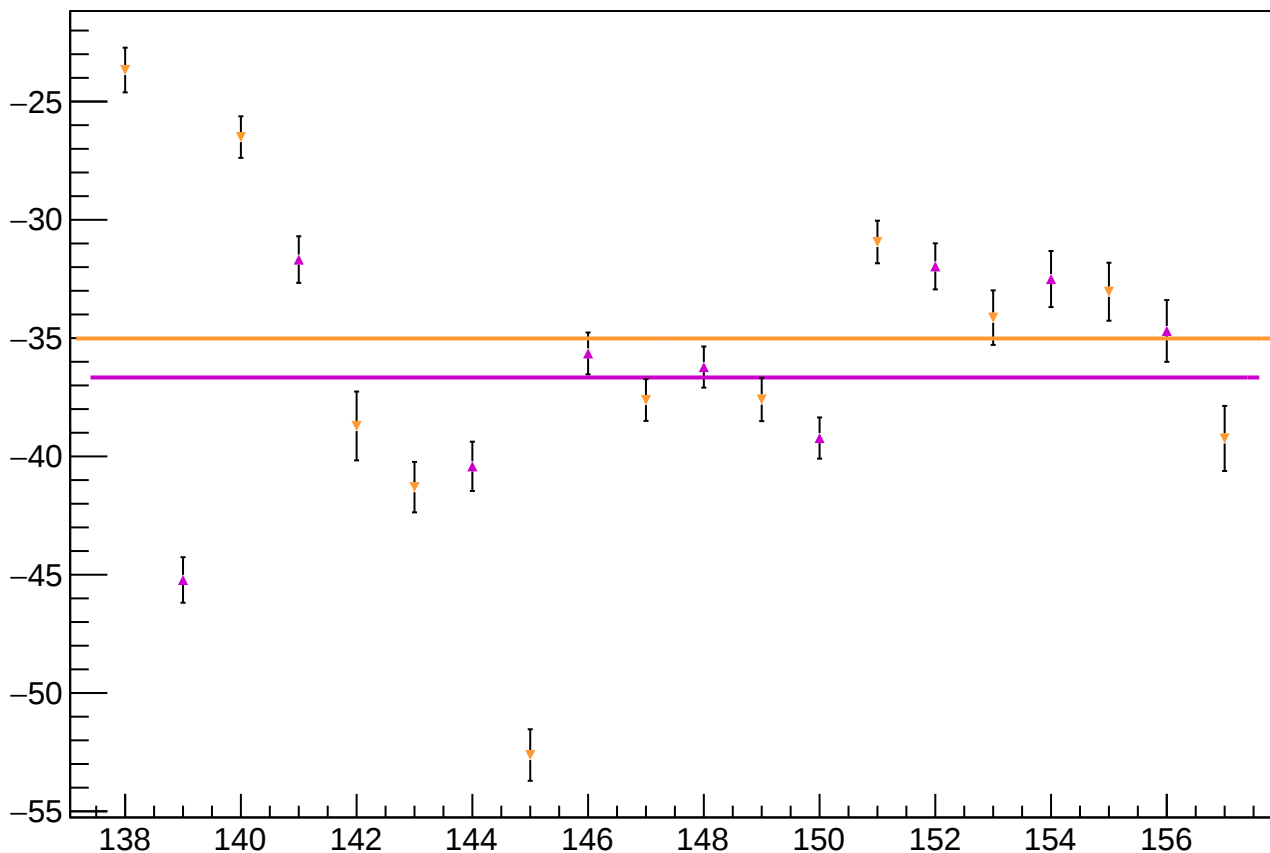
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -22.385 ± 0.013 $\chi^2/\text{NDF}: 122333.9/10$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.932 ± 0.013 $\chi^2/\text{NDF}: 92712.8/8$

Left: -22.156 ± 0.009 $\chi^2/\text{NDF}: 215653.2/19$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -21.093 ± 0.010 $\chi^2/\text{NDF}: 129043.9/24$
 Out: -20.623 ± 0.010 $\chi^2/\text{NDF}: 464721.9/28$
 All: -20.854 ± 0.007 $\chi^2/\text{NDF}: 594897.7/53$

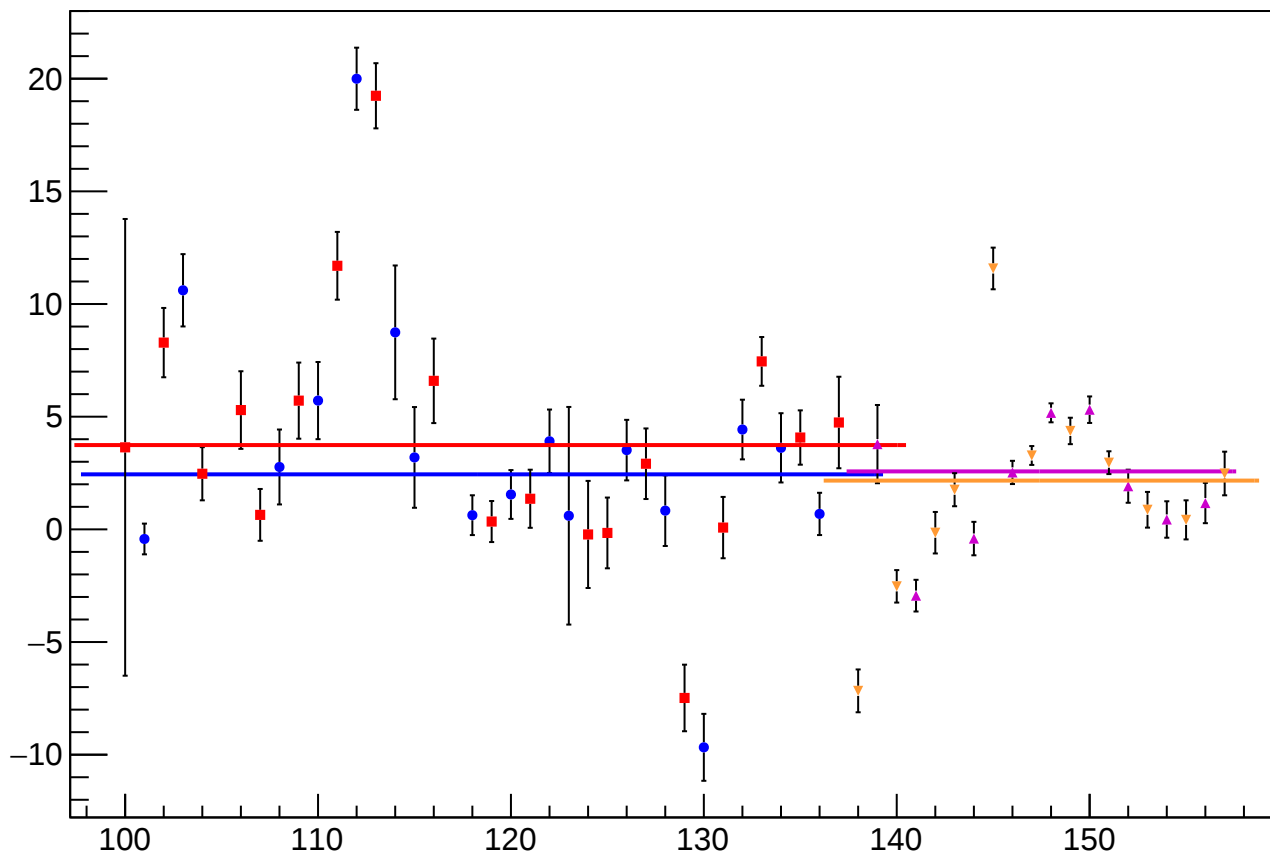
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.015+/-0.312 χ^2/NDF :590.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.663+/-0.328 χ^2/NDF :165.8/8

Left: -35.798+/-0.226 χ^2/NDF : 769.6/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.663+/-0.328 χ^2/NDF :165.8/8
 Out: -35.015+/-0.312 χ^2/NDF :590.5/10
 All: -35.798+/-0.226 χ^2/NDF : 769.6/19

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 2.164 ± 0.205 $\chi^2/\text{NDF}: 279.6/10$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: 2.572 ± 0.218 $\chi^2/\text{NDF}: 148.1/8$

Left: 2.356 ± 0.149 $\chi^2/\text{NDF}: 429.6/19$

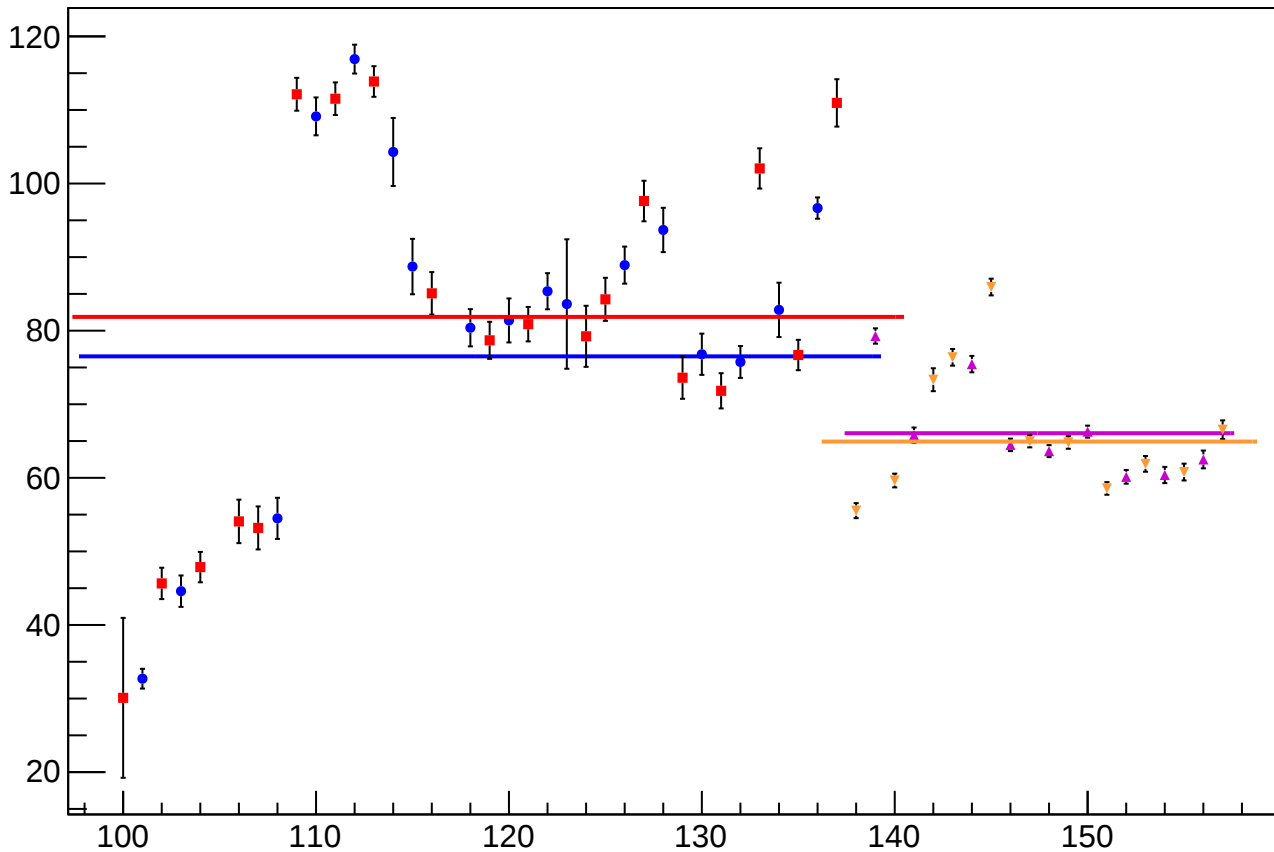
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: 2.529 ± 0.178 $\chi^2/\text{NDF}: 442.9/25$

Out: 2.610 ± 0.174 $\chi^2/\text{NDF}: 564.5/29$

All: 2.571 ± 0.124 $\chi^2/\text{NDF}: 1007.5/55$

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: 64.928 $\pm$ 0.308 χ^2 /NDF: 665.5/10

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 66.064 $\pm$ 0.321 χ^2 /NDF: 320.3/8

Left: 65.473 $\pm$ 0.222 χ^2 /NDF: 992.3/19

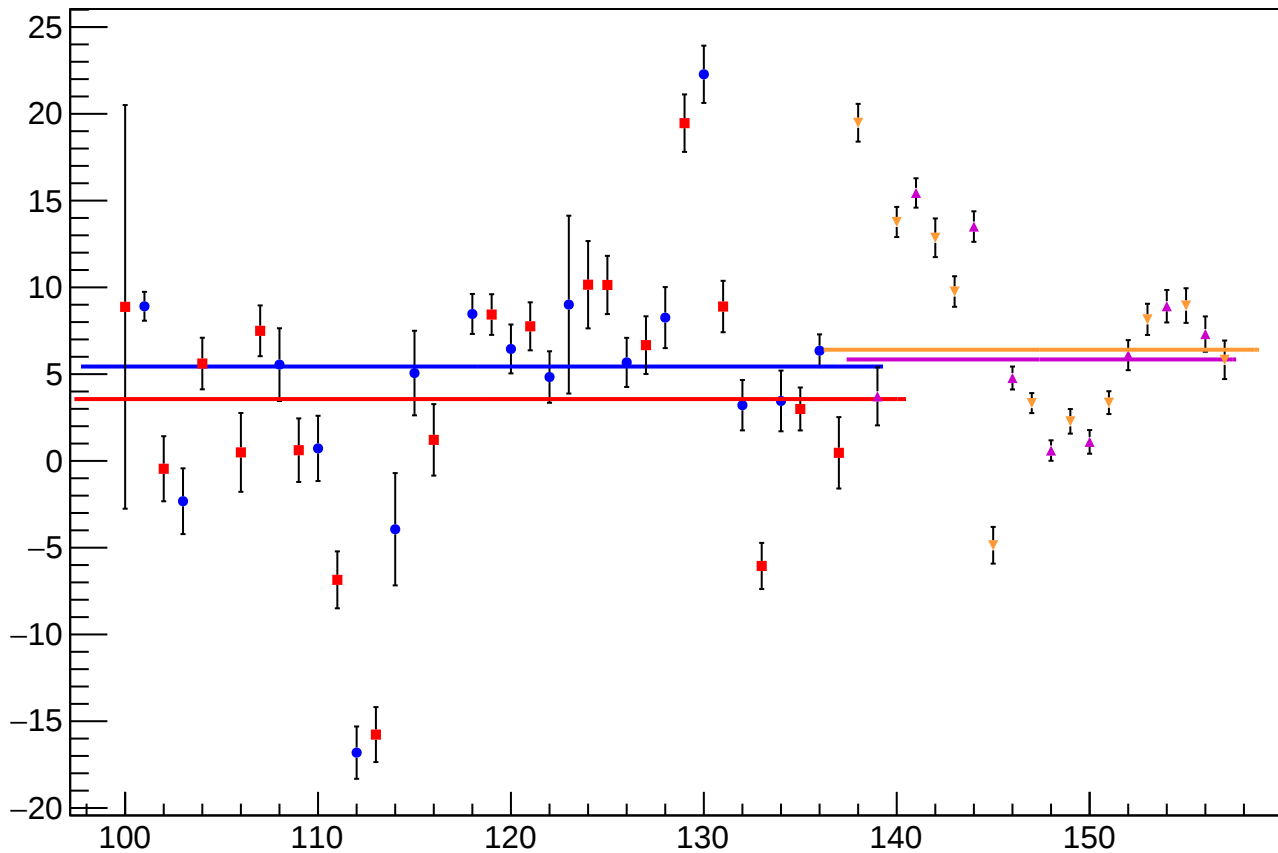
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 68.550 $\pm$ 0.280 χ^2 /NDF: 2823.4/25

Out: 68.548 $\pm$ 0.273 χ^2 /NDF: 2881.3/29

All: 68.549 $\pm$ 0.196 χ^2 /NDF: 5704.7/55

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 6.408 ± 0.254 $\chi^2/\text{NDF}: 472.0/10$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 5.846 ± 0.269 $\chi^2/\text{NDF}: 349.3/8$

Left: 6.143 ± 0.185 $\chi^2/\text{NDF}: 823.6/19$

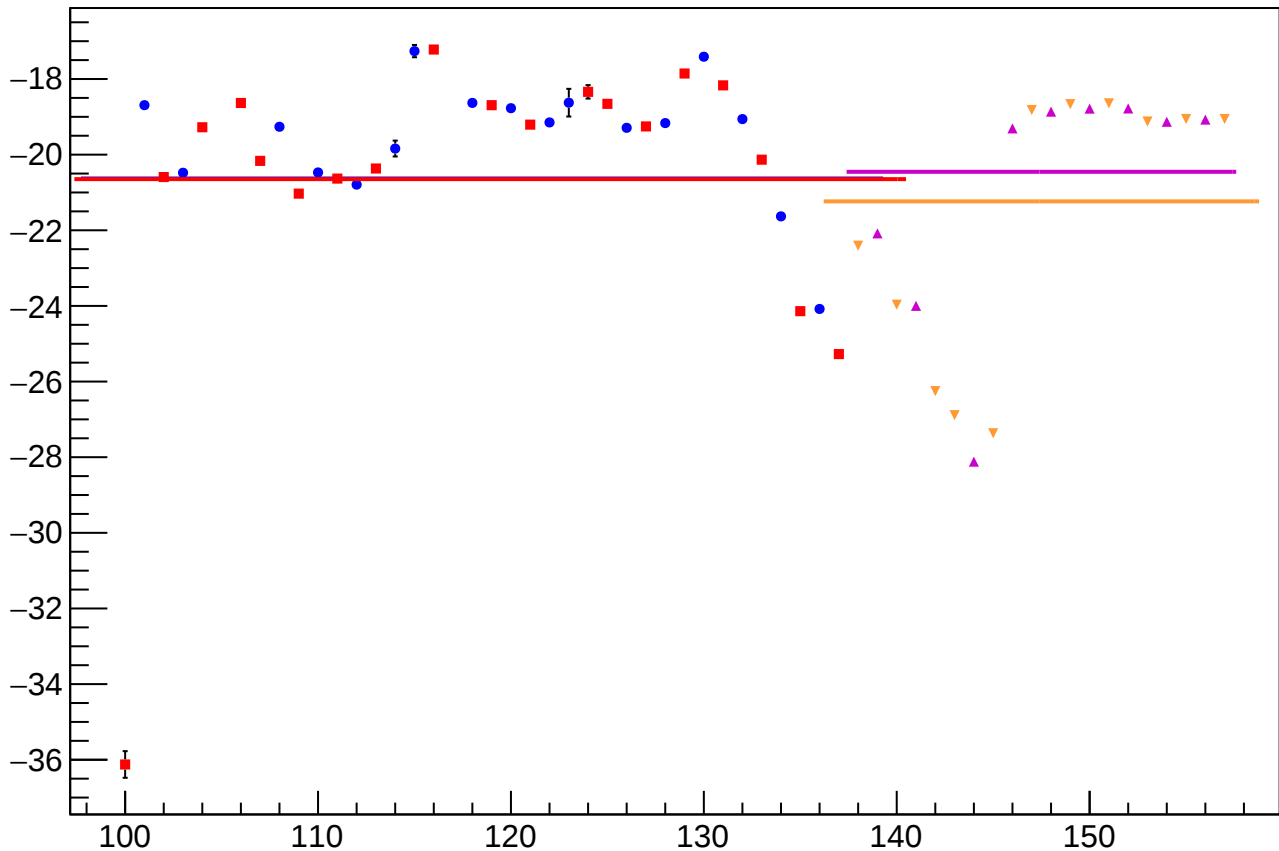
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 5.699 ± 0.215 $\chi^2/\text{NDF}: 736.3/25$

Out: 5.514 ± 0.210 $\chi^2/\text{NDF}: 932.3/29$

All: 5.604 ± 0.150 $\chi^2/\text{NDF}: 1669.0/55$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -21.235+/-0.012 χ^2/NDF : 67783.8/10

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -20.454+/-0.013 χ^2/NDF : 43299.0/8

Left: -20.856+/-0.009 χ^2/NDF : 112985.1/19

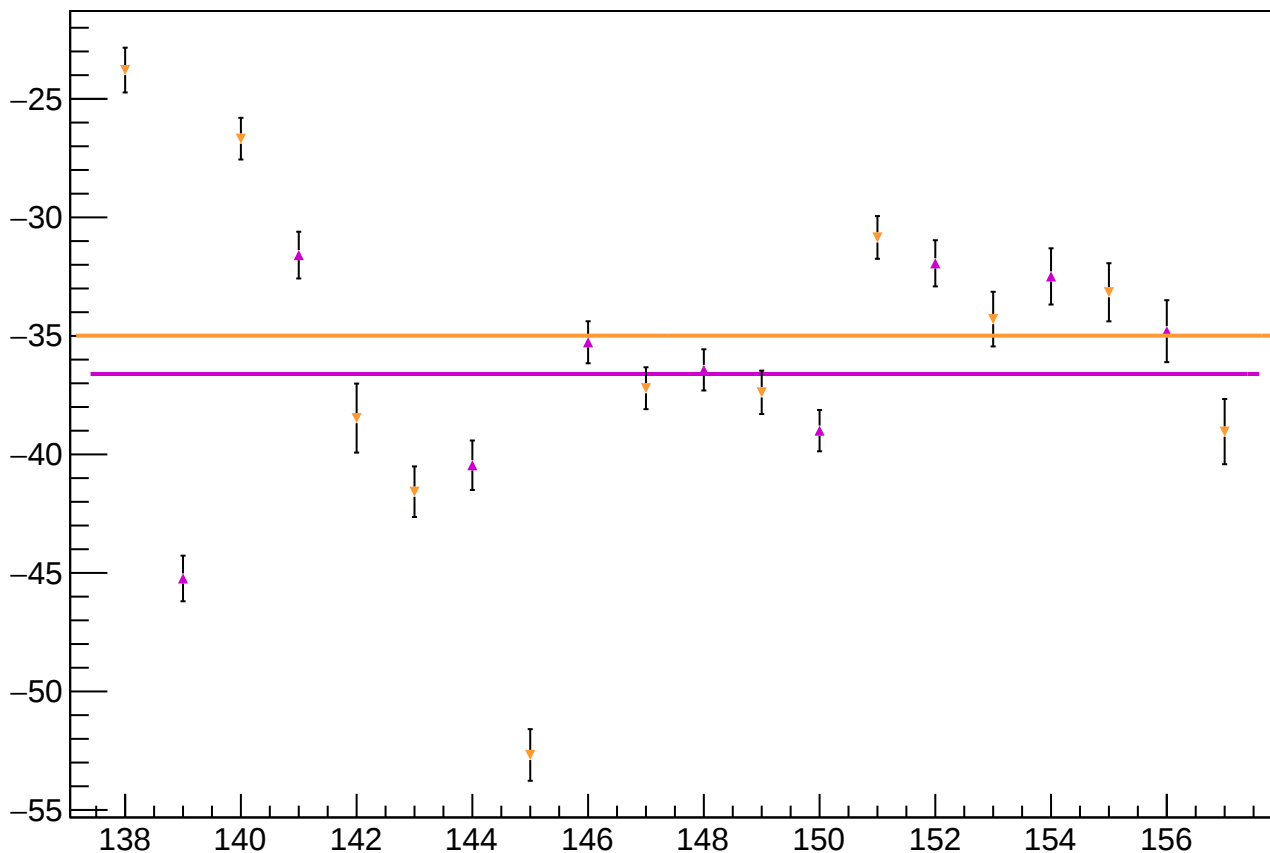
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -20.508+/-0.011 χ^2/NDF : 55859.4/25

Out: -21.064+/-0.011 χ^2/NDF : 82341.3/29

All: -20.791+/-0.007 χ^2/NDF : 139571.7/55

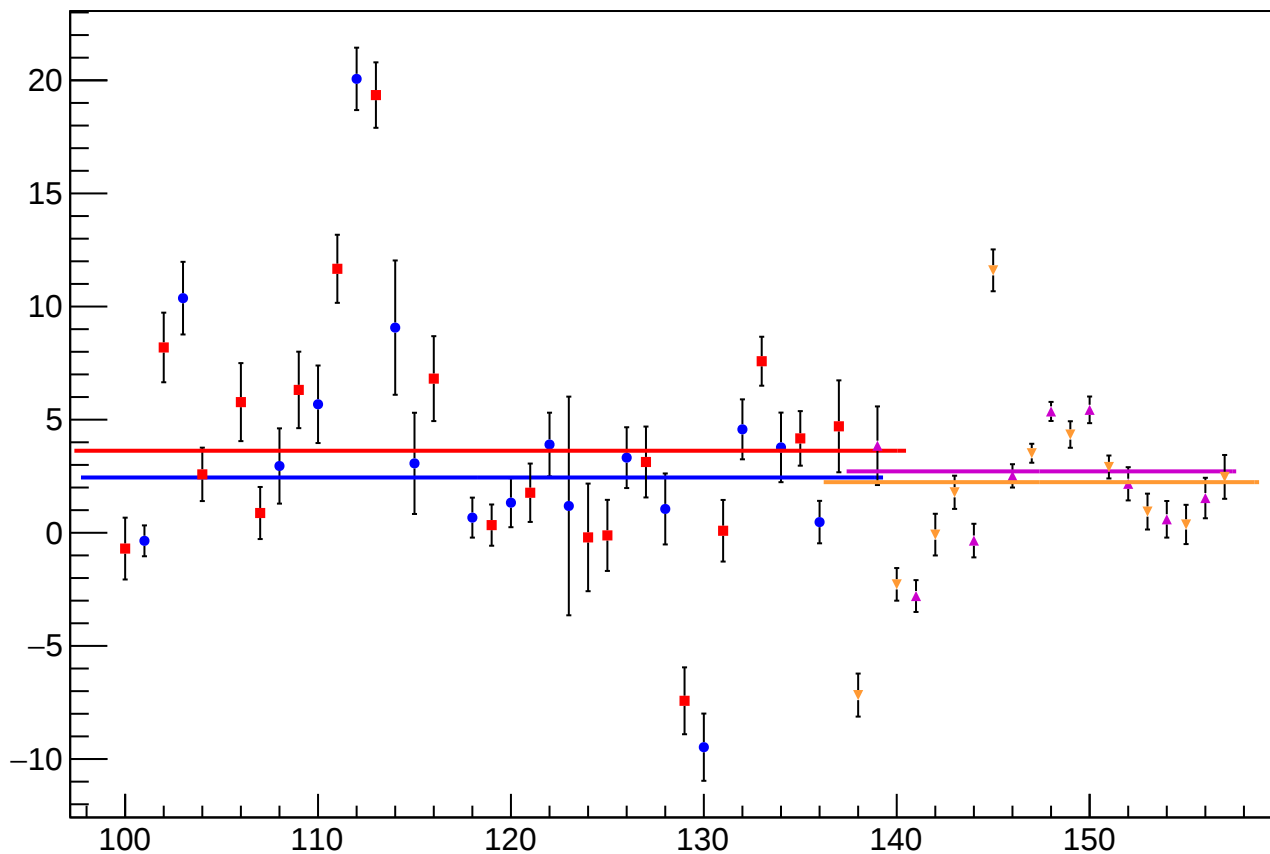
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.990+/-0.312 χ^2/NDF :582.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.607+/-0.328 χ^2/NDF :166.6/8

Left: -35.758+/-0.226 χ^2/NDF : 762.2/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.607+/-0.328 χ^2/NDF :166.6/8
 Out: -34.990+/-0.312 χ^2/NDF :582.8/10
 All: -35.758+/-0.226 χ^2/NDF : 762.2/19

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.238 $\pm$ 0.205 χ^2 /NDF:277.7/10

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 2.714 $\pm$ 0.218 χ^2 /NDF:148.9/8

Left: 2.462 $\pm$ 0.149 χ^2 /NDF: 429.2/19

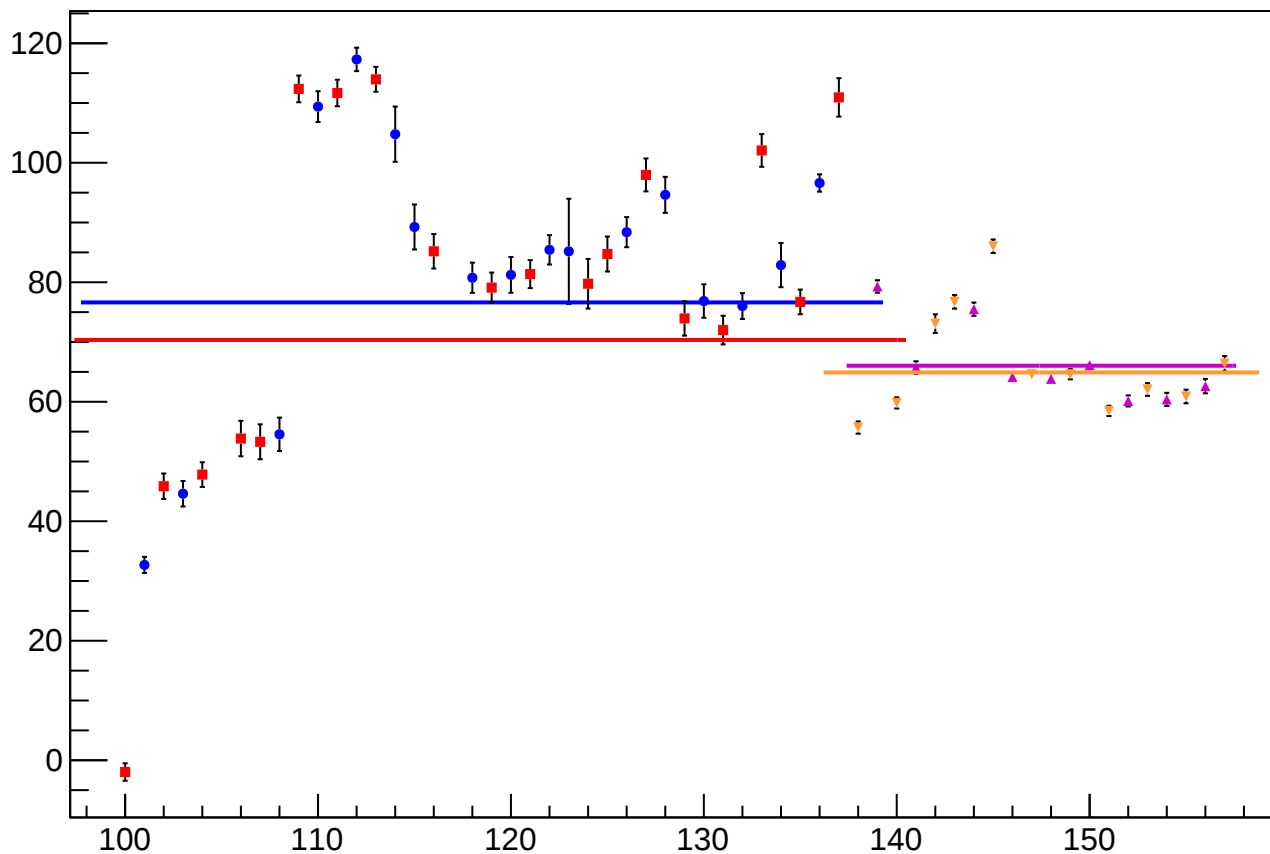
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.626 $\pm$ 0.179 χ^2 /NDF:442.1/25

Out: 2.647 $\pm$ 0.172 χ^2 /NDF:570.1/29

All: 2.637 $\pm$ 0.124 χ^2 /NDF: 1012.2/55

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: 64.908 $\pm$ 0.309 χ^2 /NDF: 667.3/10

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 66.032 $\pm$ 0.321 χ^2 /NDF: 320.5/8

Left: 65.448 $\pm$ 0.223 χ^2 /NDF: 994.2/19

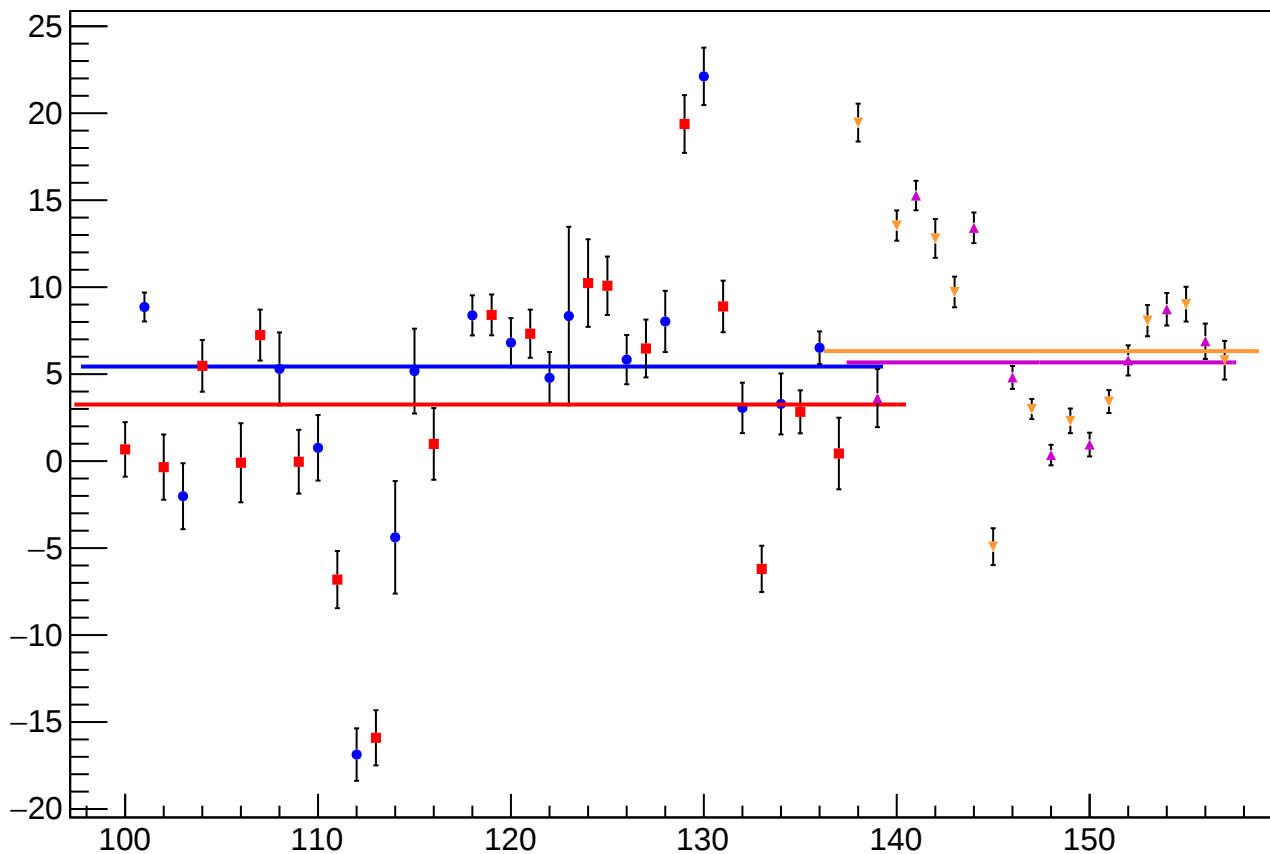
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 68.555 $\pm$ 0.280 χ^2 /NDF: 2842.4/25

Out: 66.211 $\pm$ 0.269 χ^2 /NDF: 5129.9/29

All: 67.335 $\pm$ 0.194 χ^2 /NDF: 8008.7/55

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 6.323 $\pm$ 0.254 χ^2 /NDF:471.8/10

Right Out: 3.253 $\pm$ 0.365 χ^2 /NDF: 423.7/18

Left In: 5.675 $\pm$ 0.269 χ^2 /NDF:350.5/8

Left: 6.018 $\pm$ 0.185 χ^2 /NDF: 825.3/19

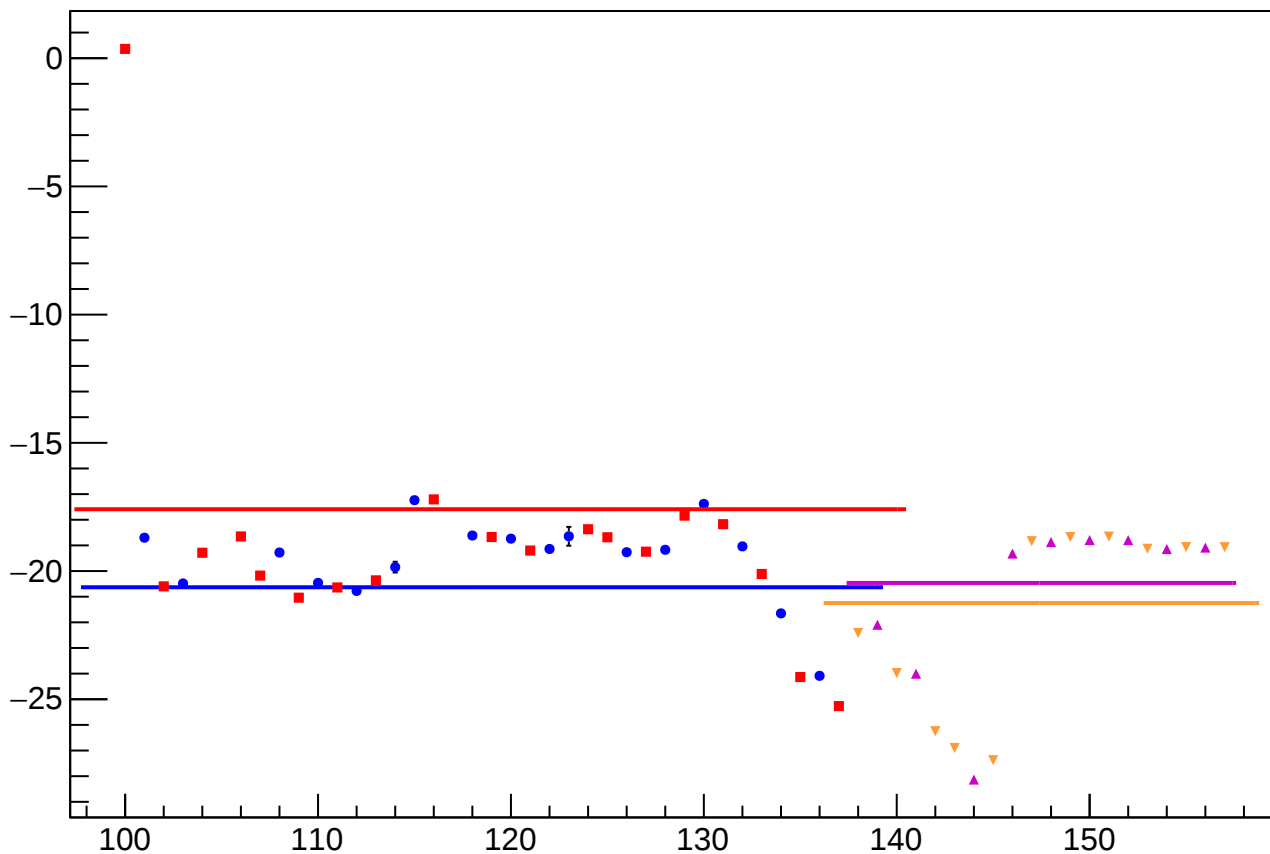
Right: 4.367 $\pm$ 0.256 χ^2 /NDF: 826.5/35

In: 5.589 $\pm$ 0.215 χ^2 /NDF:735.3/25

Out: 5.322 $\pm$ 0.209 χ^2 /NDF:943.1/29

All: 5.451 $\pm$ 0.150 χ^2 /NDF: 1679.2/55

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -21.246 ± 0.012 $\chi^2/\text{NDF}: 67636.2/10$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.464 ± 0.013 $\chi^2/\text{NDF}: 43250.4/8$

Left: -20.867 ± 0.009 $\chi^2/\text{NDF}: 112789.1/19$

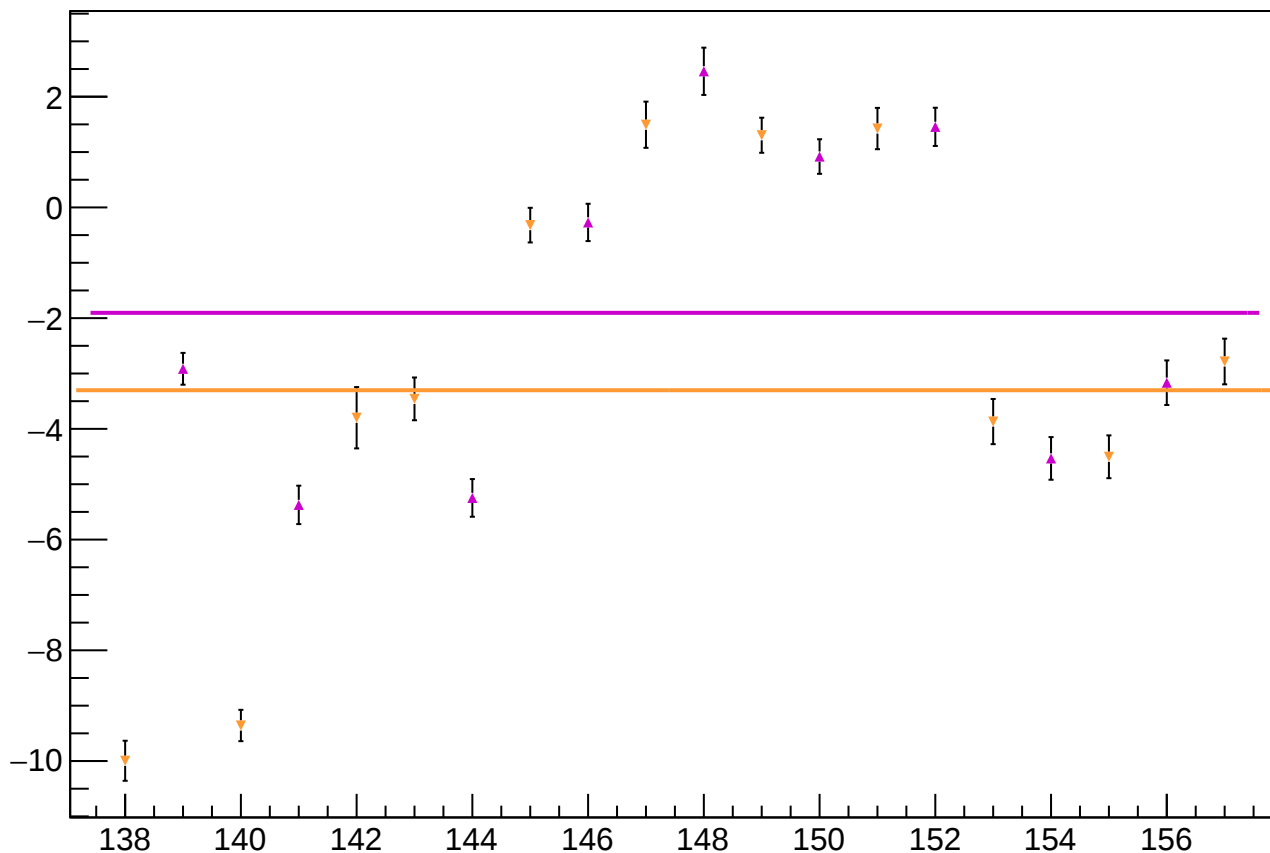
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.516 ± 0.011 $\chi^2/\text{NDF}: 55846.4/25$

Out: -20.058 ± 0.010 $\chi^2/\text{NDF}: 274139.5/29$

All: -20.277 ± 0.007 $\chi^2/\text{NDF}: 330935.2/55$

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: -3.302 $\pm$ 0.111 χ^2 /NDF:1409.5/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -1.904 $\pm$ 0.116 χ^2 /NDF:569.7/8

Left: -2.634 $\pm$ 0.080 χ^2 /NDF: 2055.6/19

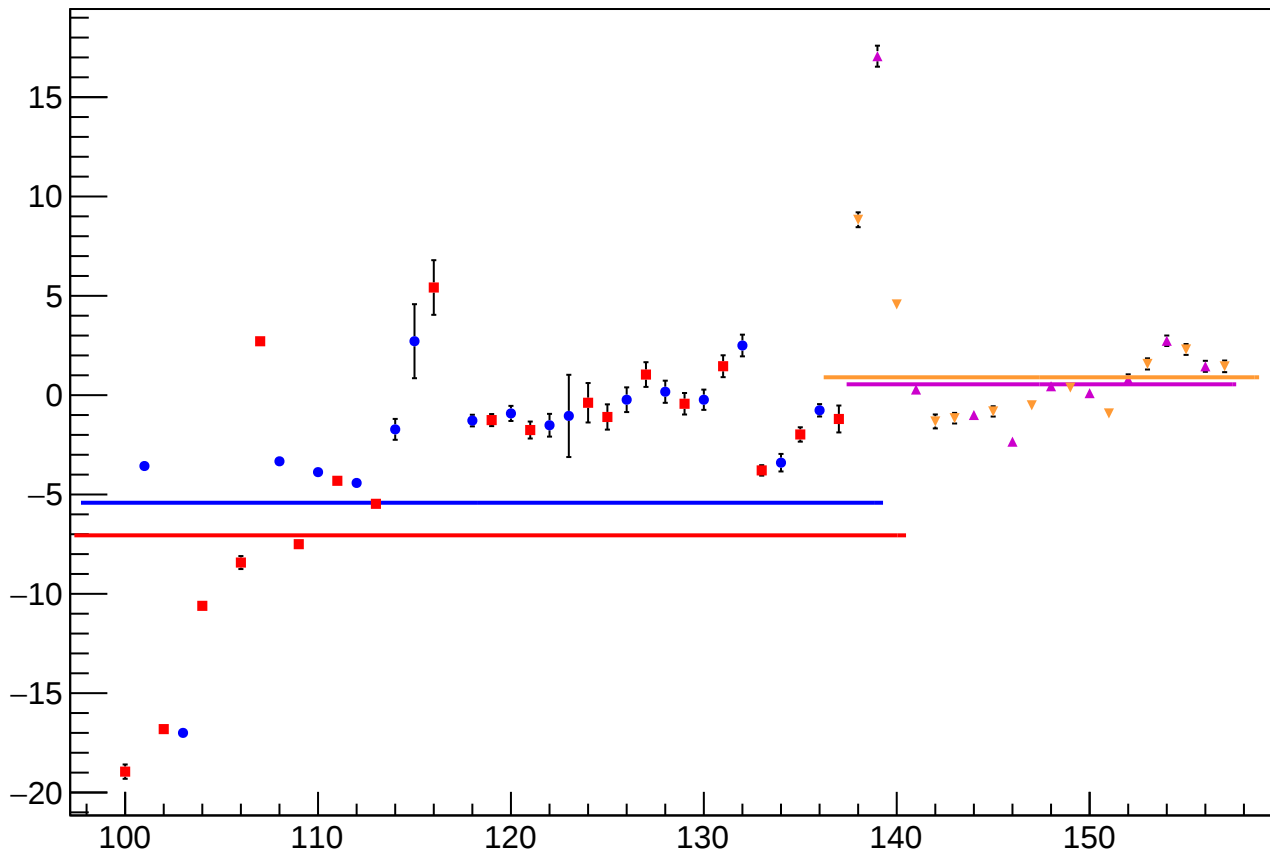
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.904 $\pm$ 0.116 χ^2 /NDF:569.7/8

Out: -3.302 $\pm$ 0.111 χ^2 /NDF:1409.5/10

All: -2.634 $\pm$ 0.080 χ^2 /NDF: 2055.6/19

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: 0.900 ± 0.077 $\chi^2/\text{NDF}: 993.6/10$

Right Out: -7.056 ± 0.059 $\chi^2/\text{NDF}: 12334.0/18$

Left In: 0.546 ± 0.083 $\chi^2/\text{NDF}: 1284.2/8$

Left: 0.736 ± 0.056 $\chi^2/\text{NDF}: 2287.5/19$

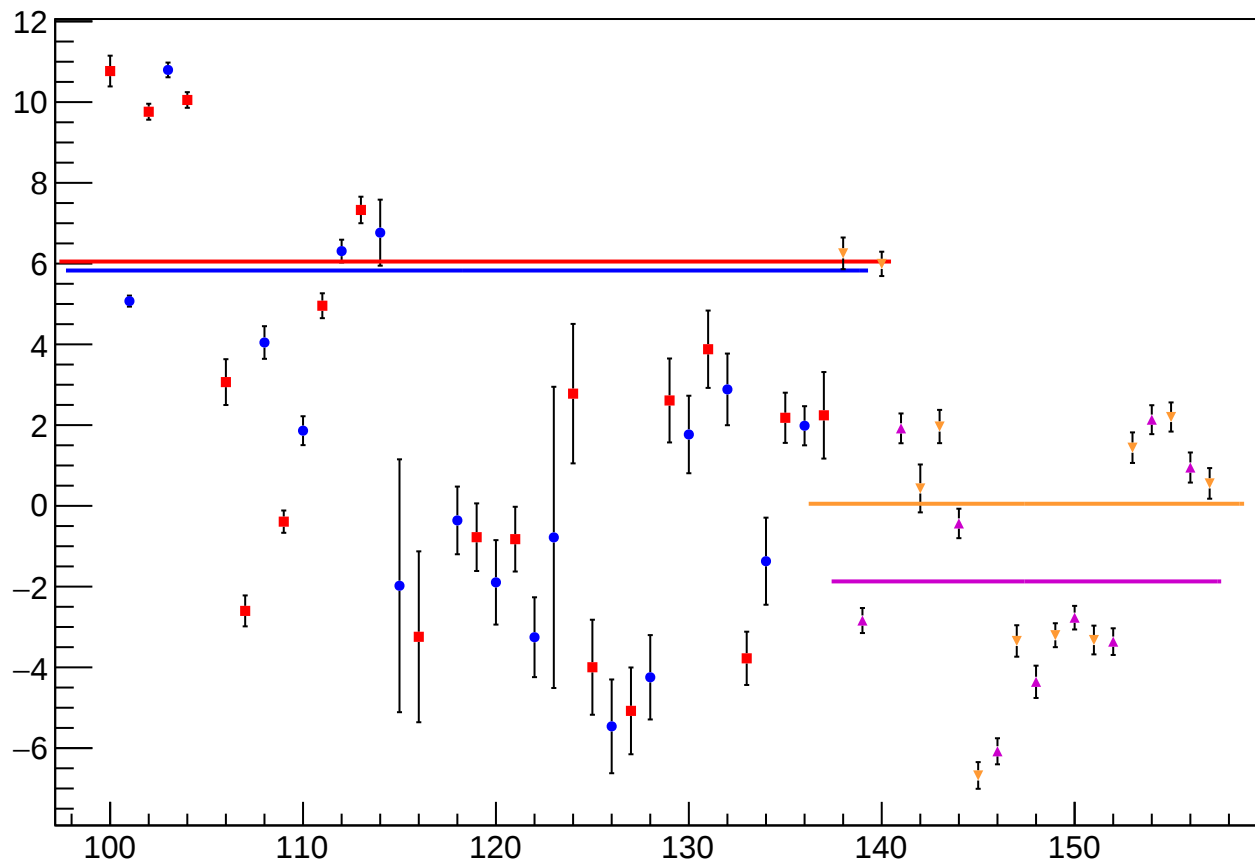
Right: -6.174 ± 0.040 $\chi^2/\text{NDF}: 22004.4/35$

In: -3.606 ± 0.046 $\chi^2/\text{NDF}: 14135.8/25$

Out: -4.111 ± 0.047 $\chi^2/\text{NDF}: 20053.9/29$

All: -3.853 ± 0.033 $\chi^2/\text{NDF}: 34249.3/55$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.052 ± 0.110 χ^2/NDF : 1411.9/10

Right Out: 6.051 ± 0.093 χ^2/NDF : 2674.1/18

Left In: -1.871 ± 0.114 χ^2/NDF : 551.4/8

Left: -0.874 ± 0.079 χ^2/NDF : 2110.9/19

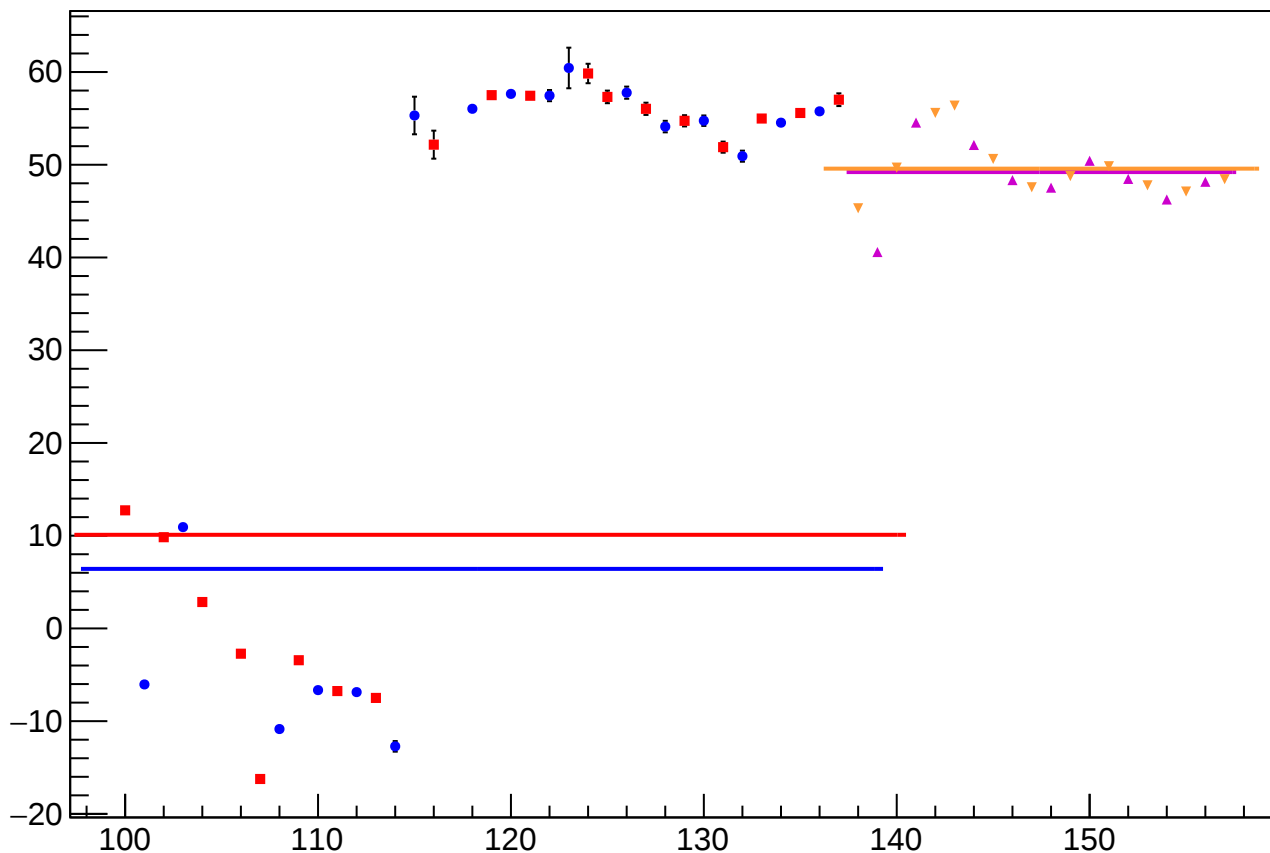
Right: 5.936 ± 0.065 χ^2/NDF : 4125.3/35

In: 2.887 ± 0.070 χ^2/NDF : 4820.3/25

Out: 3.538 ± 0.071 χ^2/NDF : 5818.4/29

All: 3.209 ± 0.050 χ^2/NDF : 10681.0/55

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 49.580+/-0.093 χ^2/NDF :936.2/10

Right Out: 10.096+/-0.070 χ^2/NDF : 122124.3/18

Left In: 49.210+/-0.099 χ^2/NDF :887.2/8

Left: 49.408+/-0.068 χ^2/NDF : 1830.8/19

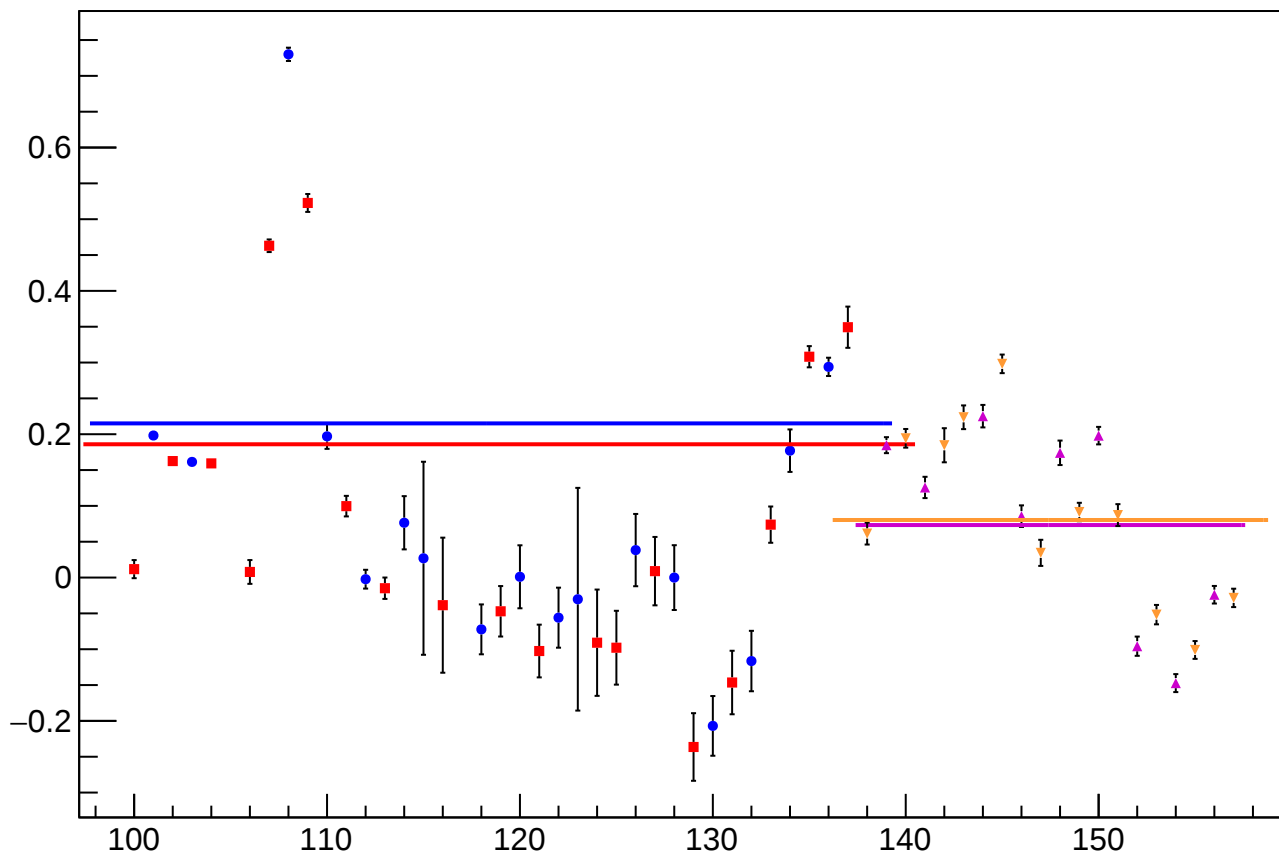
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 19.155+/-0.054 χ^2/NDF :254028.2/25

Out: 24.300+/-0.056 χ^2/NDF :238466.8/29

All: 21.656+/-0.039 χ^2/NDF : 496867.7/55

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3927.2/16

Left Out: 0.080+/-0.004 χ^2/NDF : 842.3/10

Right Out: 0.186+/-0.003 χ^2/NDF : 2719.3/18

Left In: 0.073+/-0.004 χ^2/NDF : 876.8/8

Left: 0.077+/-0.003 χ^2/NDF : 1720.3/19

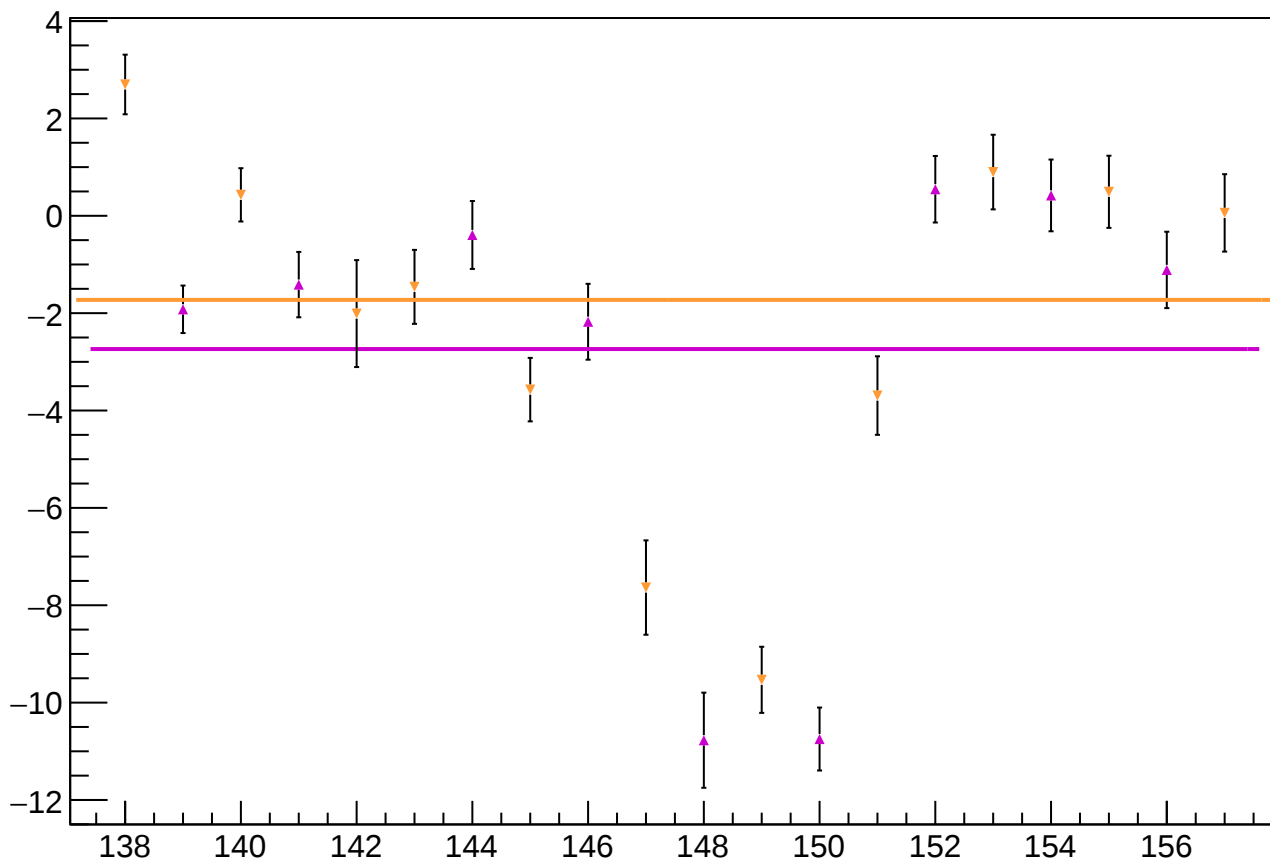
Right: 0.200+/-0.002 χ^2/NDF : 6703.5/35

In: 0.176+/-0.002 χ^2/NDF : 5528.4/25

Out: 0.157+/-0.002 χ^2/NDF : 3988.9/29

All: 0.166+/-0.002 χ^2/NDF : 9551.4/55

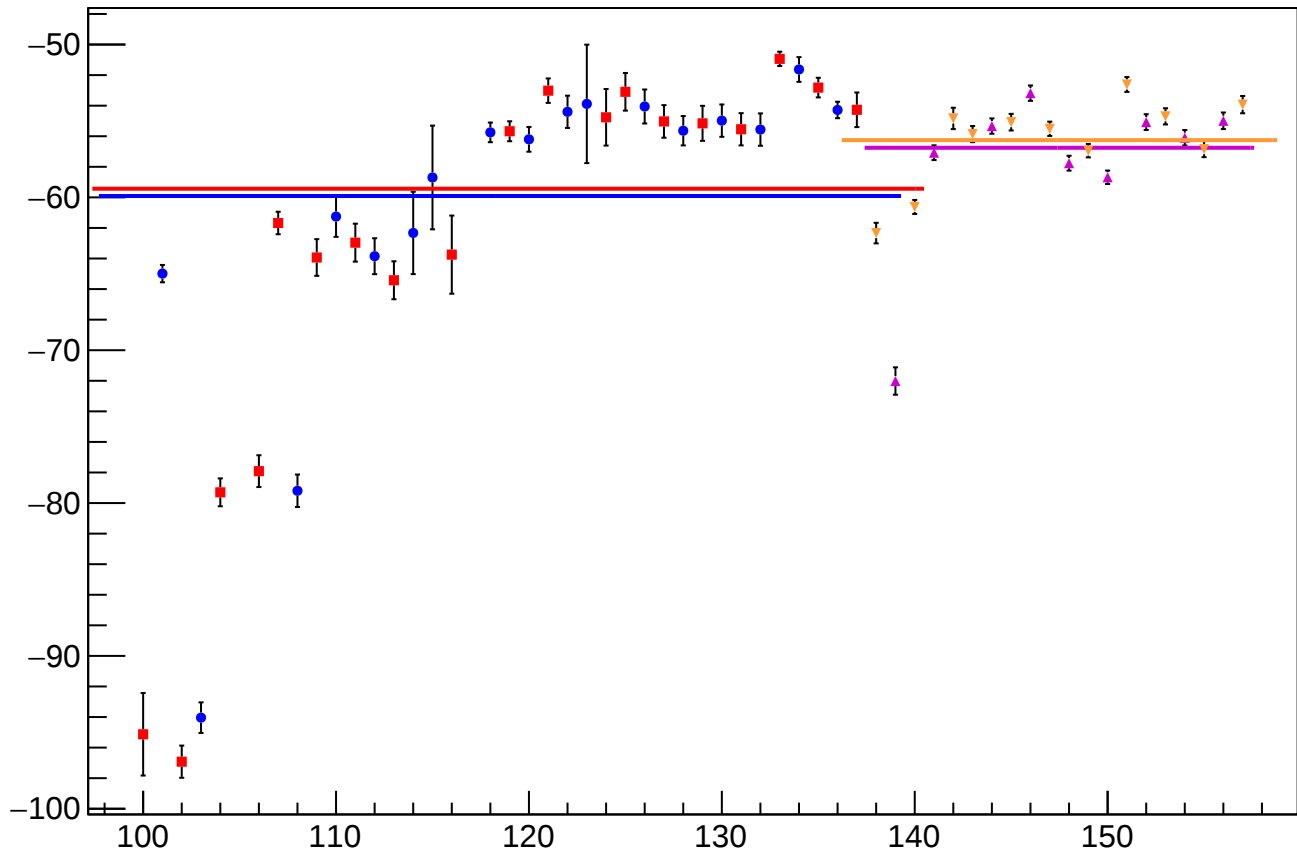
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.727+/-0.219 χ^2/NDF :276.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.737+/-0.228 χ^2/NDF :285.4/8

Left: -2.212+/-0.158 χ^2/NDF : 572.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.737+/-0.228 χ^2/NDF :285.4/8
 Out: -1.727+/-0.219 χ^2/NDF :276.9/10
 All: -2.212+/-0.158 χ^2/NDF : 572.5/19

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: -56.255 ± 0.157 χ^2/NDF : 270.4/10

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -56.754 ± 0.172 χ^2/NDF : 396.2/8

Left: -56.483 ± 0.116 χ^2/NDF : 671.2/19

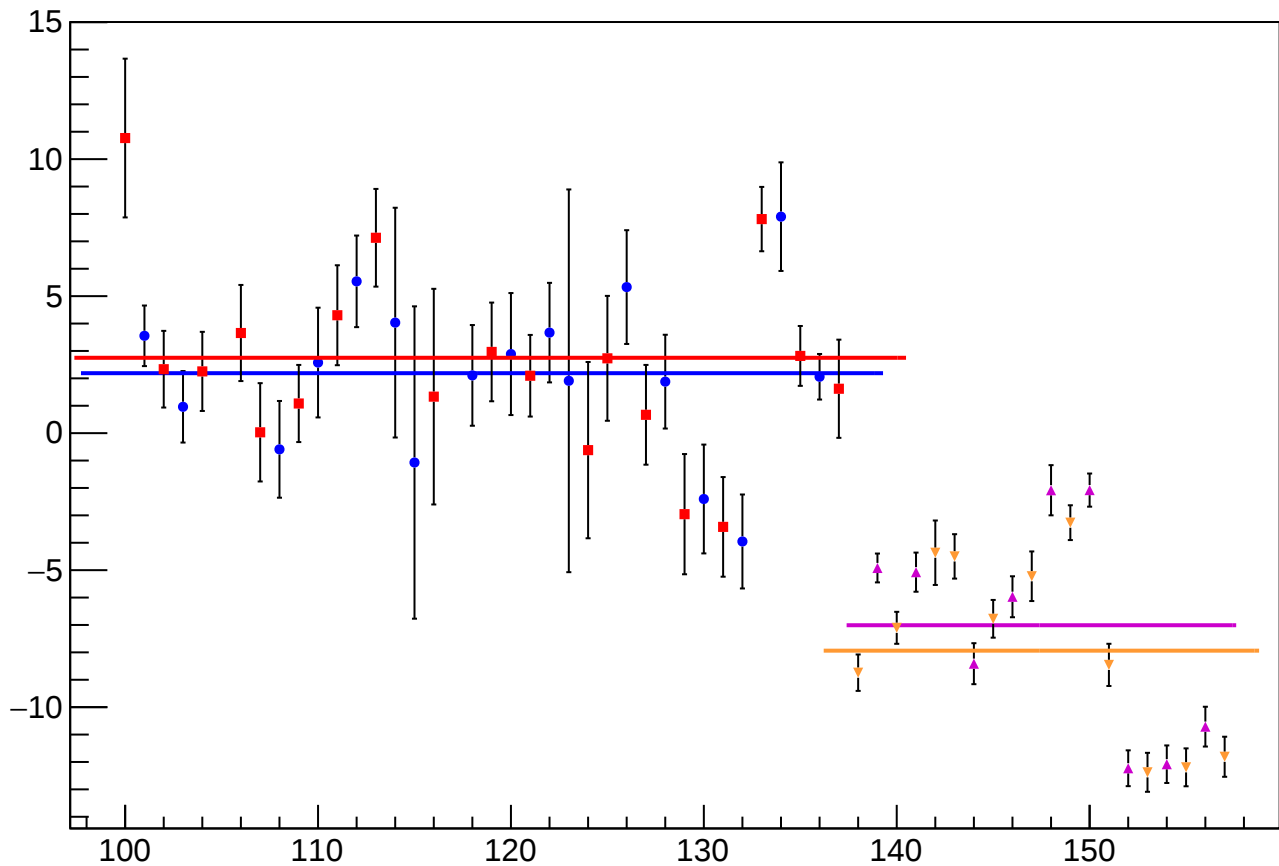
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -57.927 ± 0.136 χ^2/NDF : 2502.7/25

Out: -57.387 ± 0.126 χ^2/NDF : 3334.4/29

All: -57.637 ± 0.093 χ^2/NDF : 5845.5/55

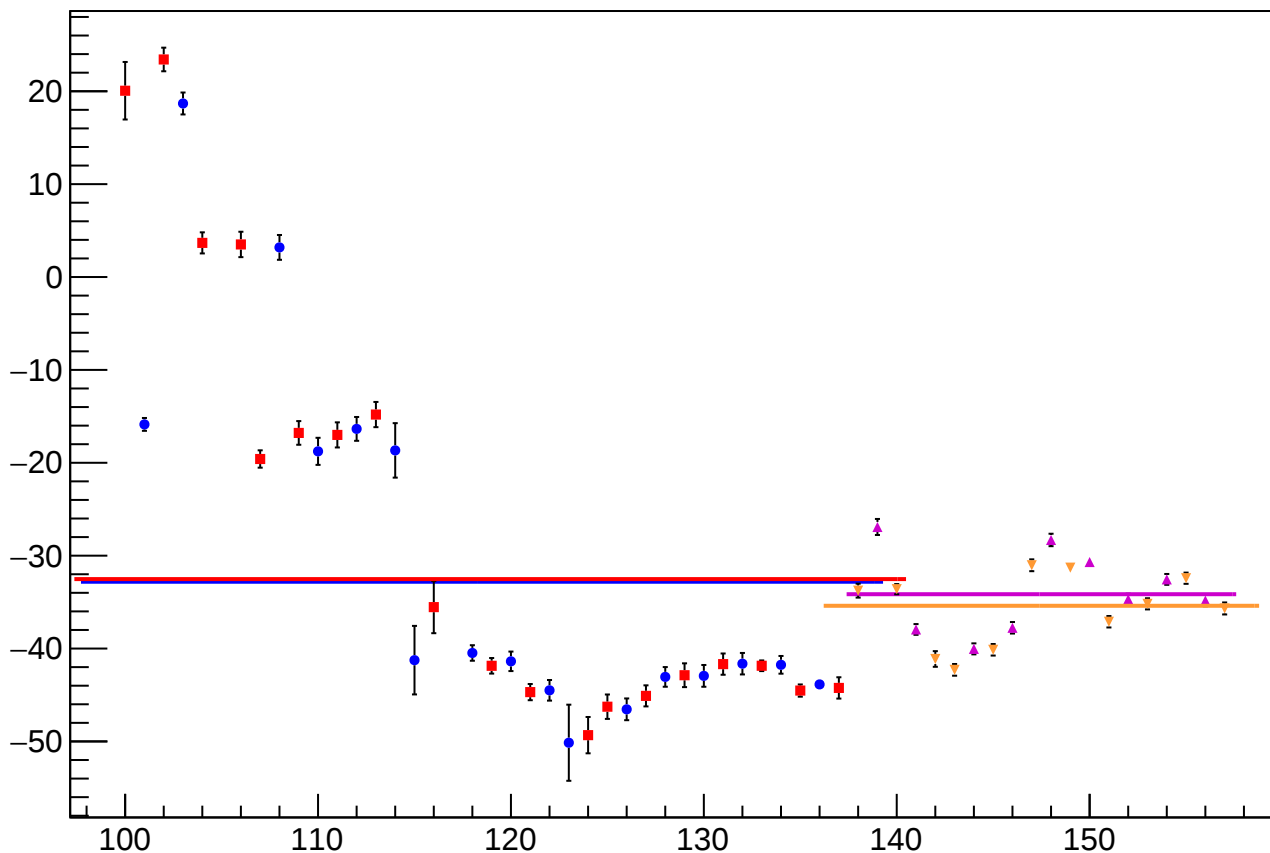
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -7.938 ± 0.219 $\chi^2/\text{NDF}: 202.1/10$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -7.010 ± 0.227 $\chi^2/\text{NDF}: 268.5/8$

Left: -7.491 ± 0.157 $\chi^2/\text{NDF}: 479.3/19$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -4.810 ± 0.198 $\chi^2/\text{NDF}: 700.9/25$
 Out: -5.352 ± 0.191 $\chi^2/\text{NDF}: 837.9/29$
 All: -5.091 ± 0.137 $\chi^2/\text{NDF}: 1542.7/55$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.395 ± 0.188 $\chi^2/\text{NDF}: 378.5/10$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -34.150 ± 0.203 $\chi^2/\text{NDF}: 377.7/8$

Left: -34.820 ± 0.138 $\chi^2/\text{NDF}: 776.4/19$

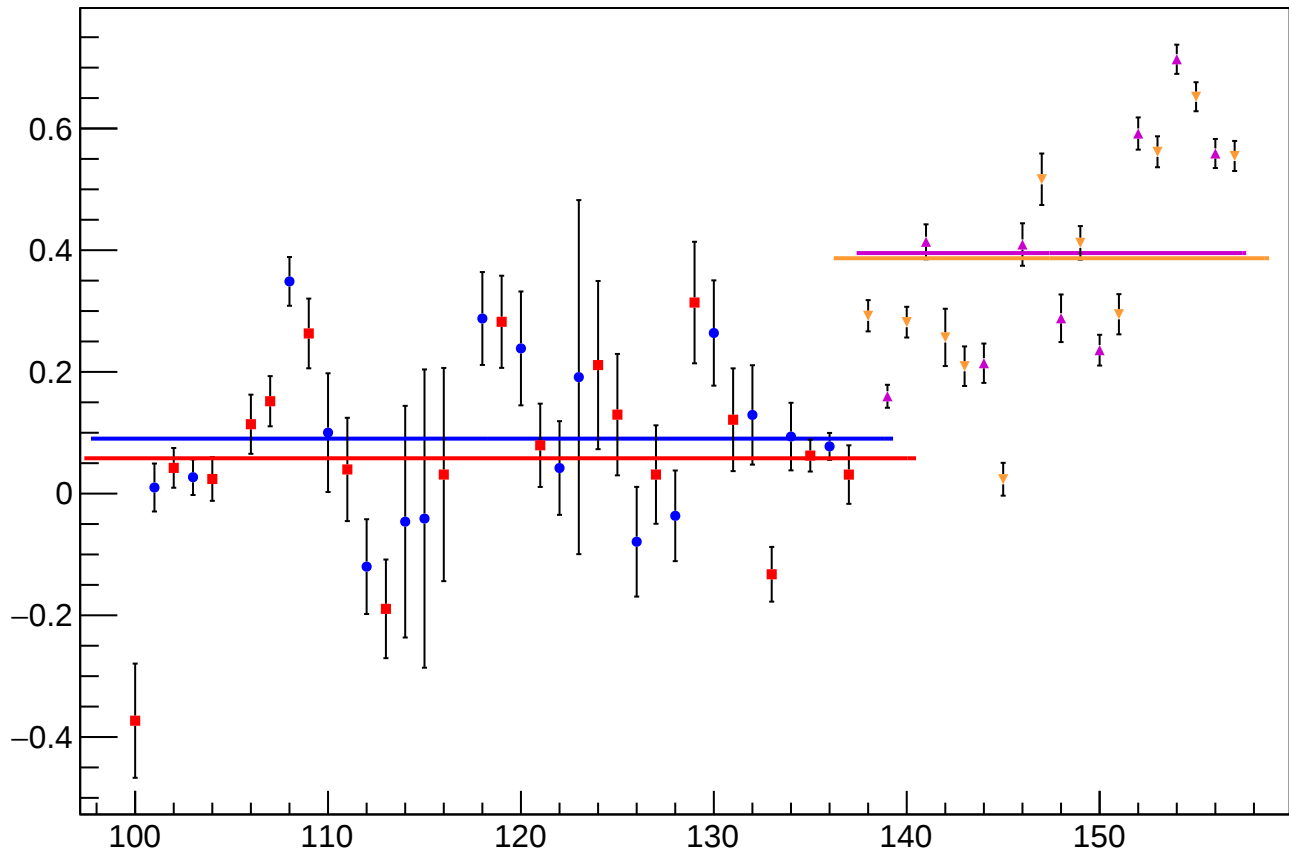
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.625 ± 0.159 $\chi^2/\text{NDF}: 5057.5/25$

Out: -34.320 ± 0.149 $\chi^2/\text{NDF}: 6505.7/29$

All: -33.995 ± 0.109 $\chi^2/\text{NDF}: 11573.4/55$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.387 $\pm$ 0.009 χ^2 /NDF:485.1/10

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.395 $\pm$ 0.009 χ^2 /NDF:512.9/8

Left: 0.391 $\pm$ 0.006 χ^2 /NDF: 998.5/19

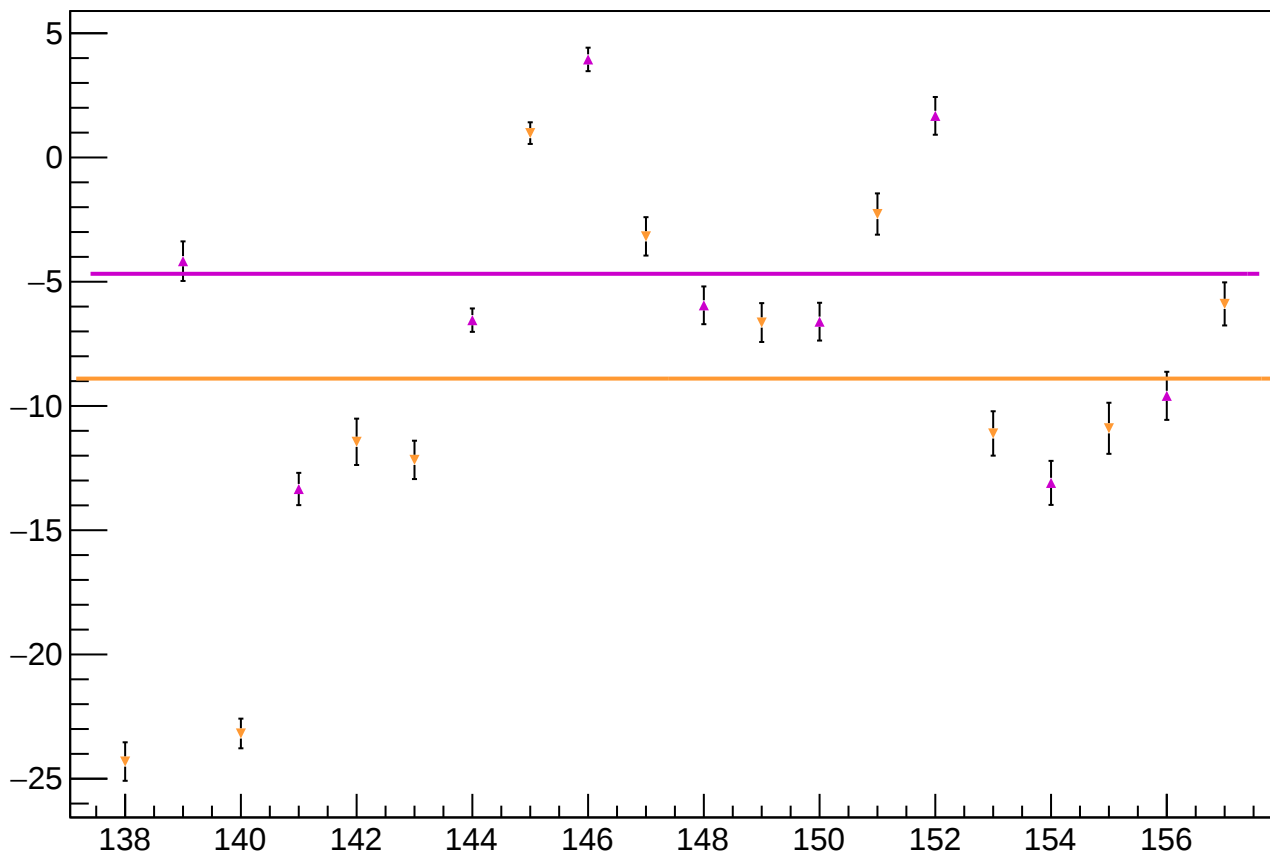
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.297 $\pm$ 0.007 χ^2 /NDF:981.0/25

Out: 0.277 $\pm$ 0.007 χ^2 /NDF:1061.3/29

All: 0.287 $\pm$ 0.005 χ^2 /NDF: 2046.0/55

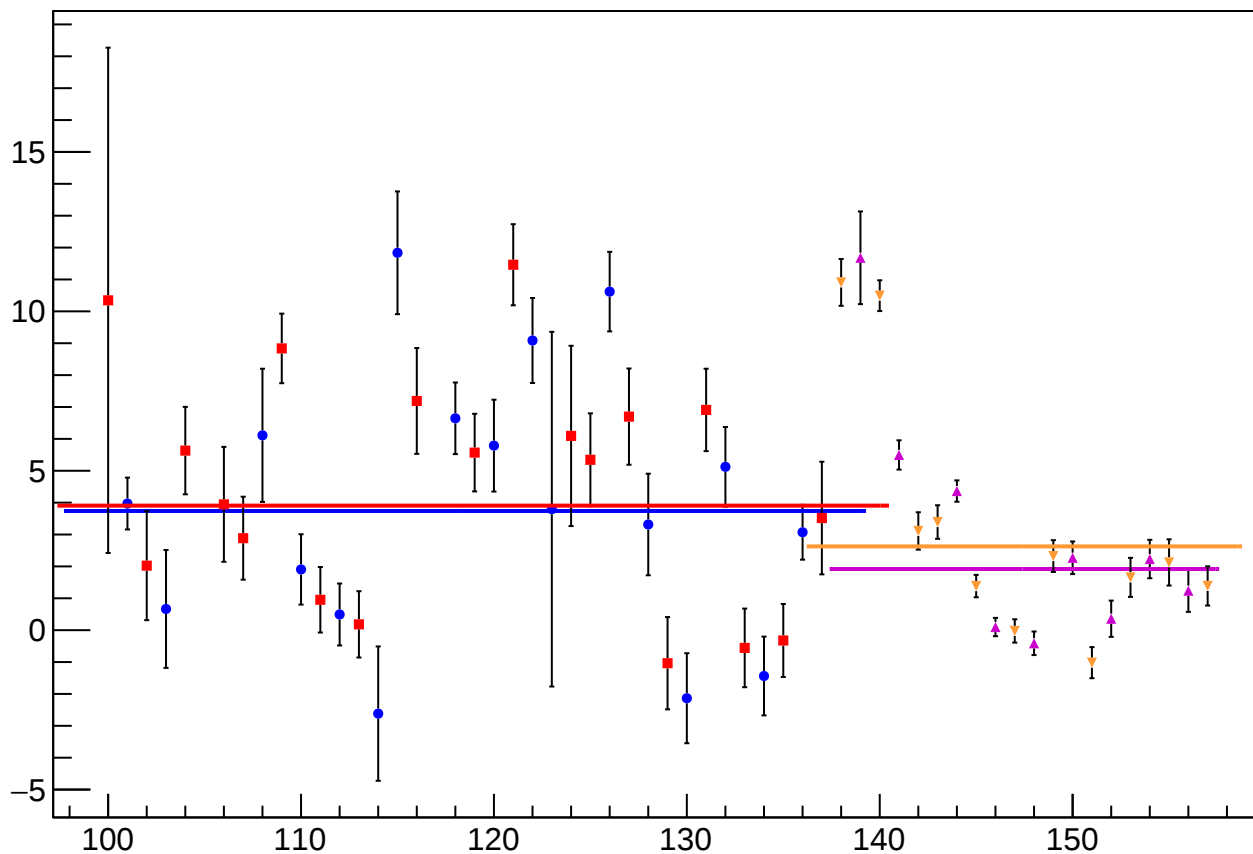
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.898+/-0.219 χ^2/NDF :1656.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.681+/-0.221 χ^2/NDF :722.5/8

Left: -6.809+/-0.156 χ^2/NDF : 2562.2/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.681+/-0.221 χ^2/NDF :722.5/8
 Out: -8.898+/-0.219 χ^2/NDF :1656.0/10
 All: -6.809+/-0.156 χ^2/NDF : 2562.2/19

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: 2.628 $\pm$ 0.151 χ^2 /NDF: 524.0/10

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 1.918 $\pm$ 0.148 χ^2 /NDF: 248.4/8

Left: 2.266 $\pm$ 0.106 χ^2 /NDF: 783.6/19

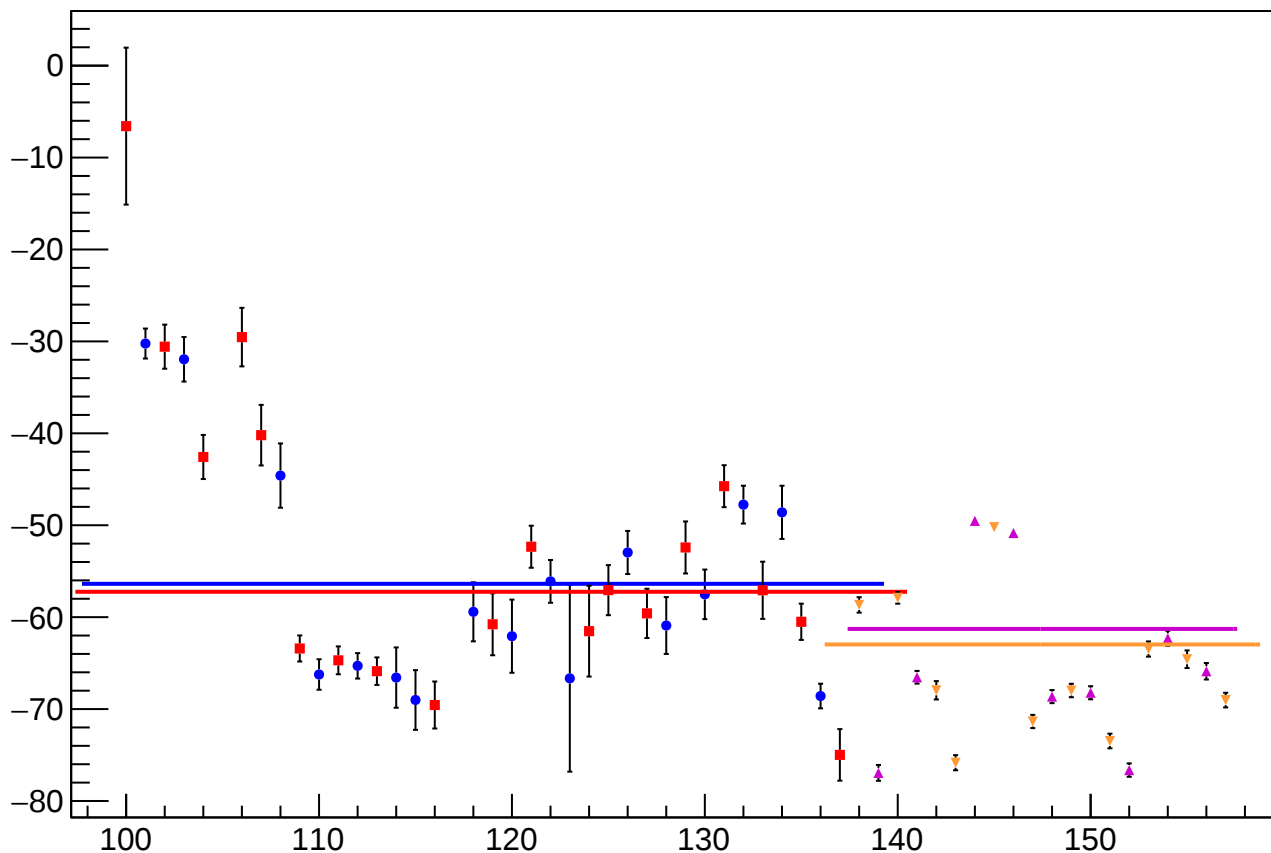
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.259 $\pm$ 0.134 χ^2 /NDF: 413.5/25

Out: 2.866 $\pm$ 0.136 χ^2 /NDF: 672.8/29

All: 2.556 $\pm$ 0.095 χ^2 /NDF: 1096.4/55

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -62.972 ± 0.221 $\chi^2/\text{NDF}: 1533.4/10$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -61.280 ± 0.219 $\chi^2/\text{NDF}: 2136.3/8$

Left: -62.120 ± 0.156 $\chi^2/\text{NDF}: 3699.2/19$

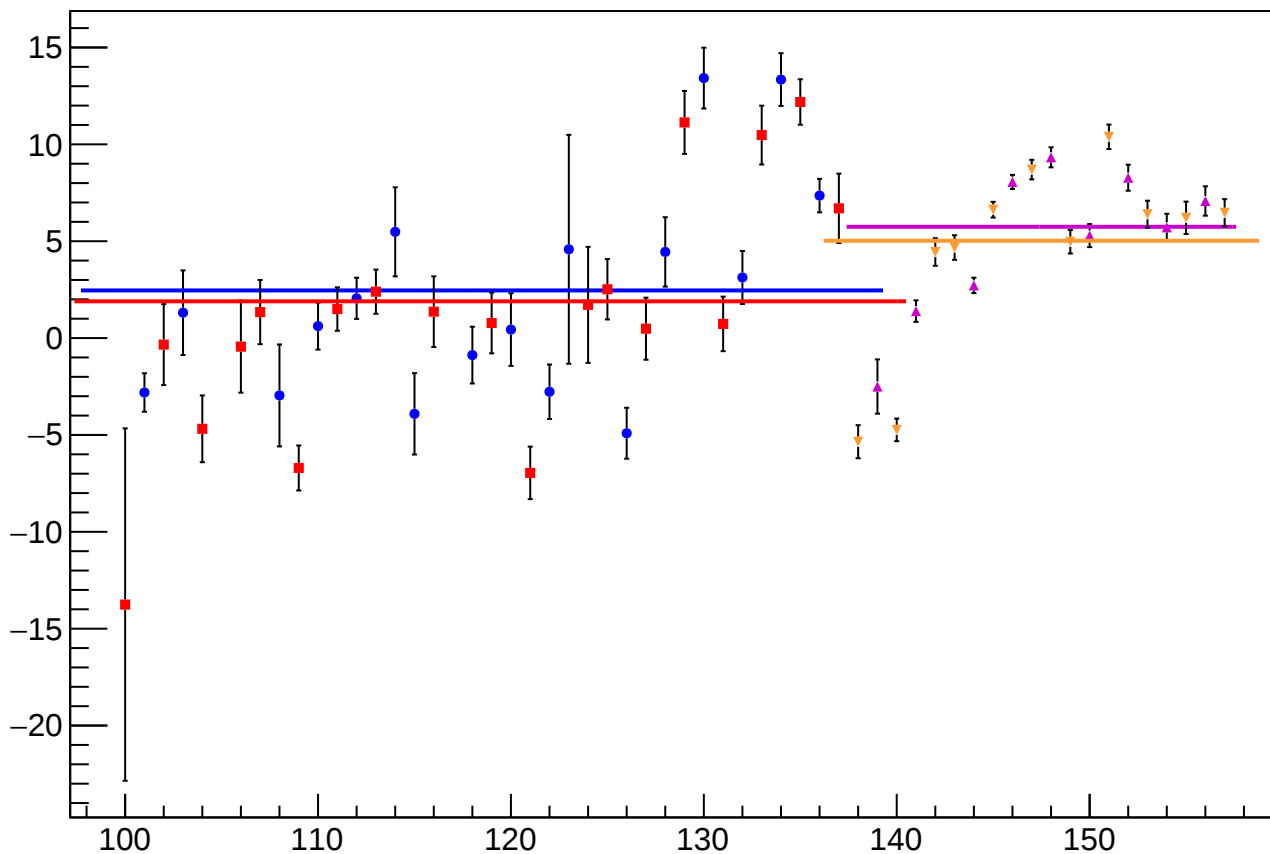
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -60.592 ± 0.203 $\chi^2/\text{NDF}: 2794.1/25$

Out: -62.140 ± 0.204 $\chi^2/\text{NDF}: 2107.5/29$

All: -61.363 ± 0.144 $\chi^2/\text{NDF}: 4930.5/55$

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: 5.024 ± 0.184 χ^2/NDF : 579.0/10

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.744 ± 0.182 χ^2/NDF : 260.5/8

Left: 5.388 ± 0.129 χ^2/NDF : 847.2/19

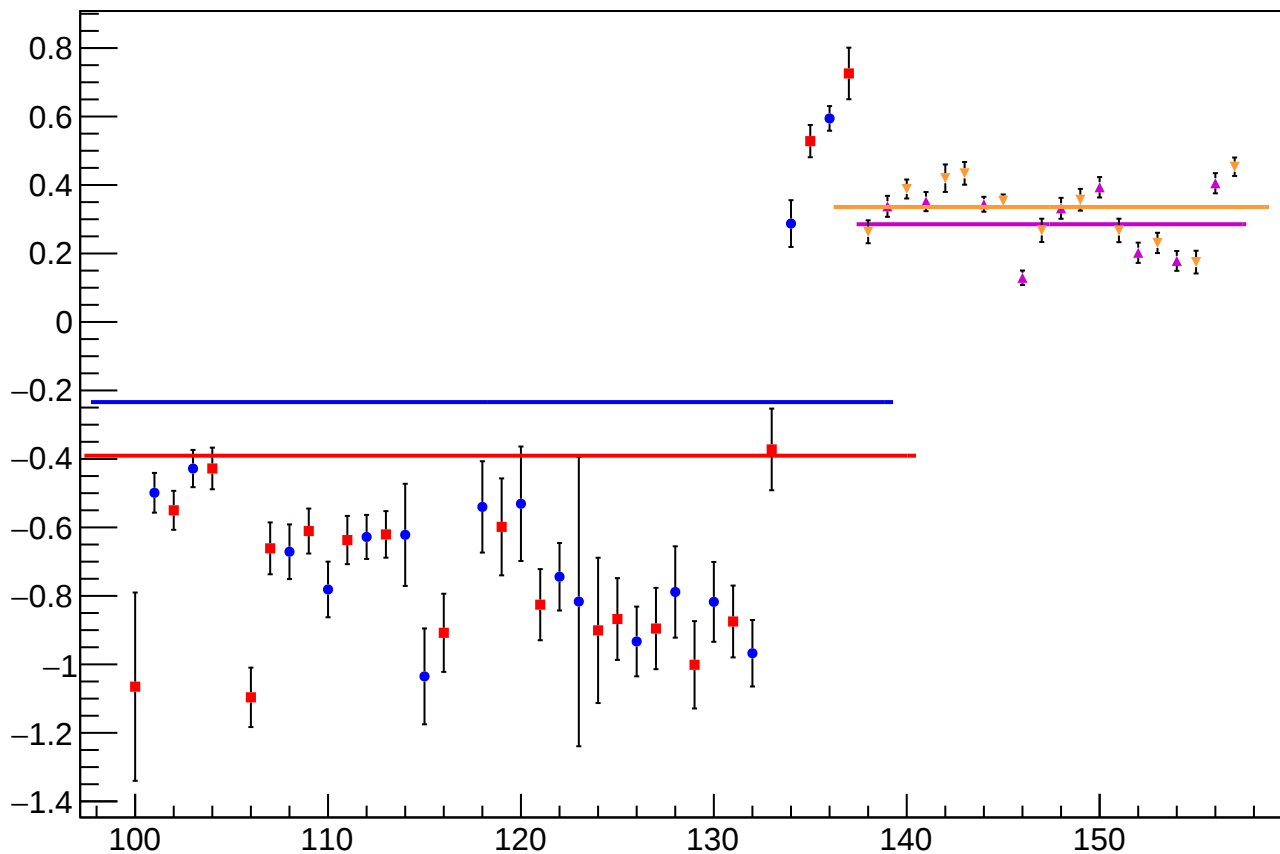
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 5.033 ± 0.161 χ^2/NDF : 574.9/25

Out: 4.361 ± 0.163 χ^2/NDF : 908.3/29

All: 4.702 ± 0.115 χ^2/NDF : 1491.7/55

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: 0.336 ± 0.009 χ^2/NDF : 86.1/10

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.285 ± 0.009 χ^2/NDF : 123.9/8

Left: 0.311 ± 0.006 χ^2/NDF : 226.0/19

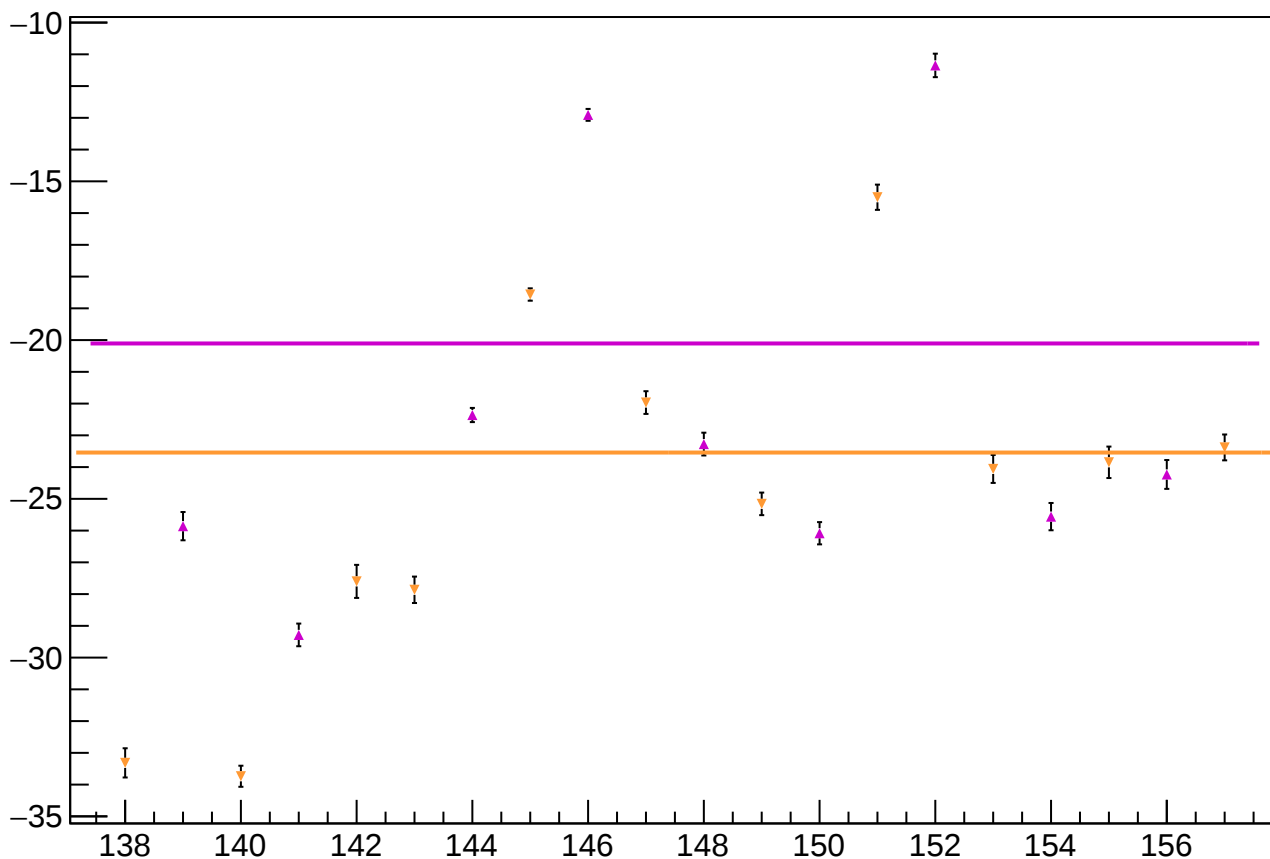
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.190 ± 0.008 χ^2/NDF : 1698.6/25

Out: 0.207 ± 0.008 χ^2/NDF : 2146.1/29

All: 0.198 ± 0.006 χ^2/NDF : 3847.0/55

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: -23.542+/-0.107 χ^2/NDF :2666.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.106+/-0.103 χ^2/NDF :3578.7/8

Left: -21.749+/-0.074 χ^2/NDF : 6781.1/19

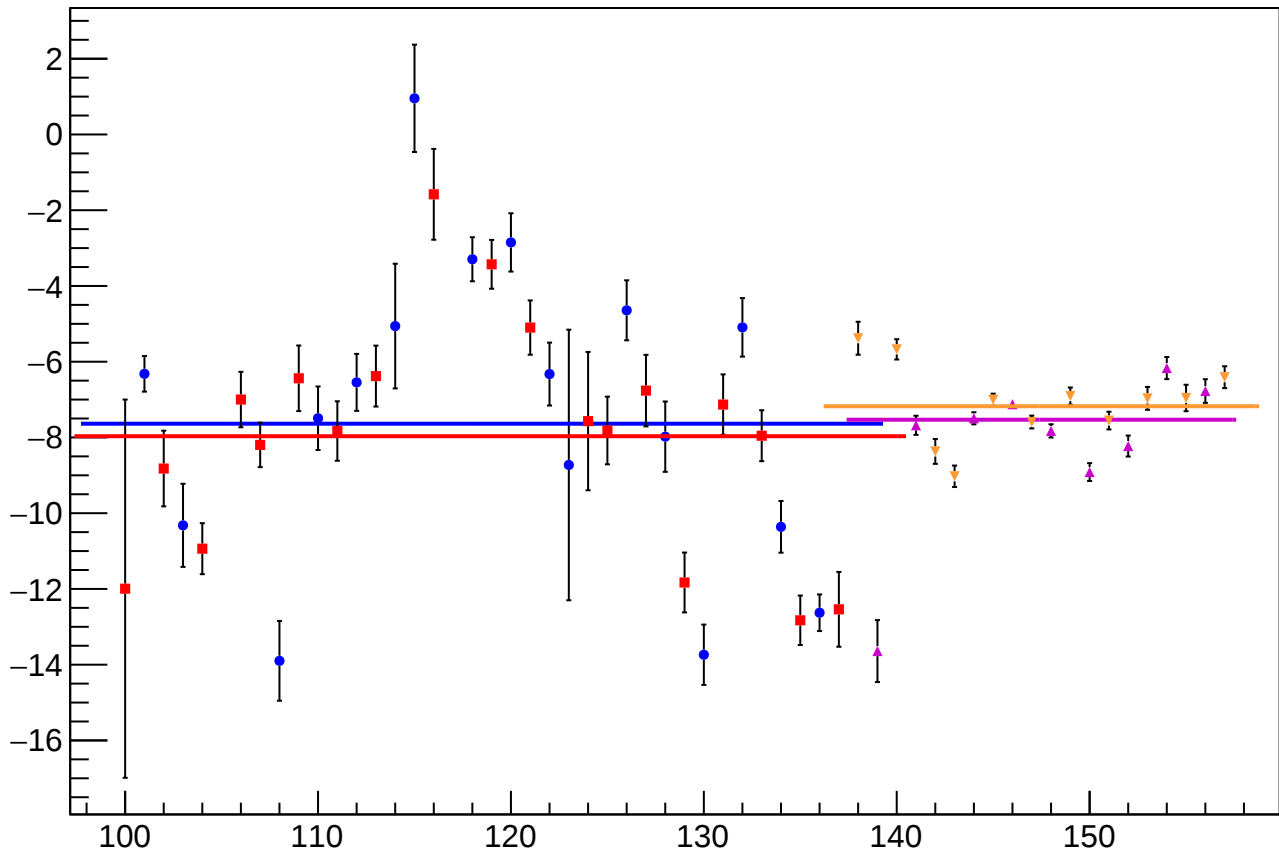
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.106+/-0.103 χ^2/NDF :3578.7/8

Out: -23.542+/-0.107 χ^2/NDF :2666.9/10

All: -21.749+/-0.074 χ^2/NDF : 6781.1/19

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: -7.176 ± 0.074 χ^2/NDF : 123.4/10

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.532 ± 0.068 χ^2/NDF : 139.8/8

Left: -7.368 ± 0.050 χ^2/NDF : 275.7/19

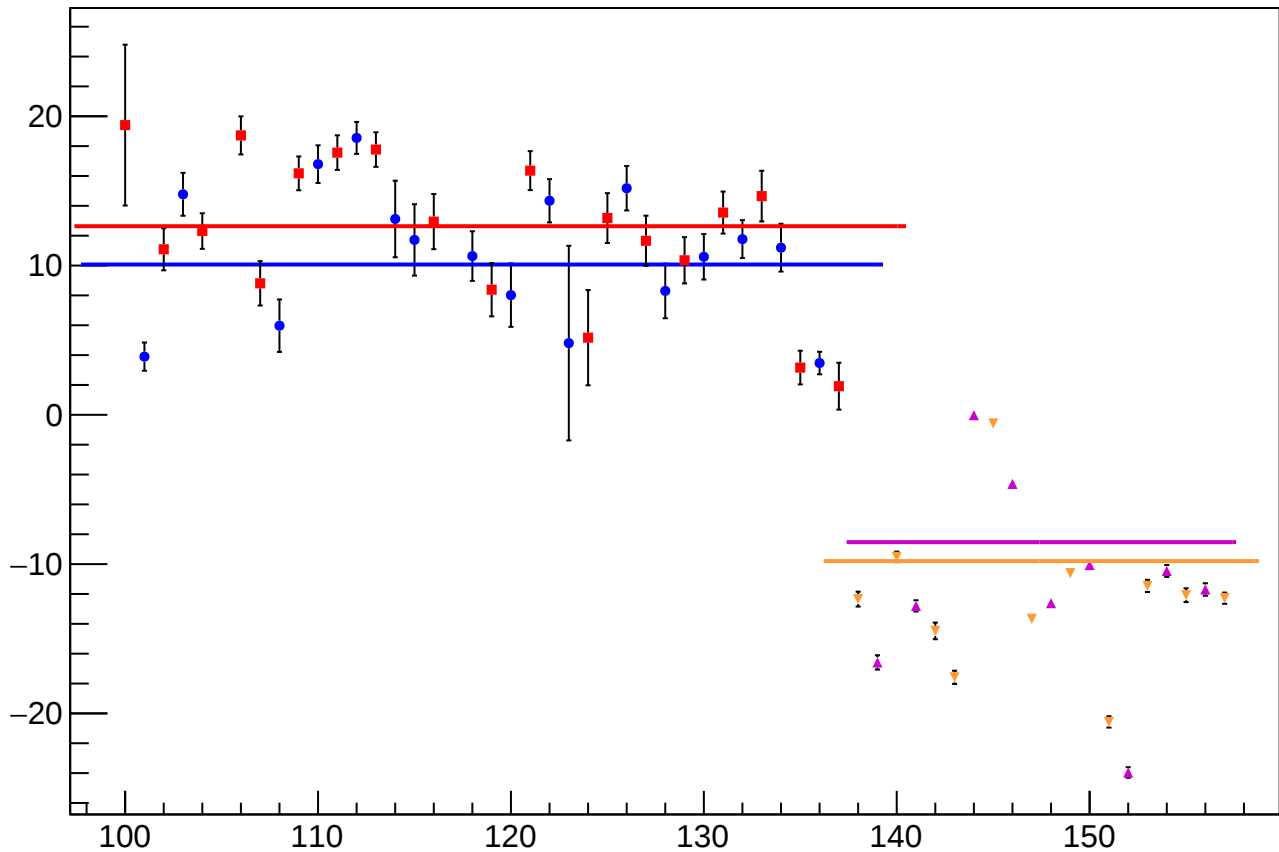
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.544 ± 0.064 χ^2/NDF : 534.0/25

Out: -7.283 ± 0.069 χ^2/NDF : 366.3/29

All: -7.423 ± 0.047 χ^2/NDF : 908.1/55

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.798 ± 0.107 $\chi^2/\text{NDF}: 3434.4/10$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -8.528 ± 0.101 $\chi^2/\text{NDF}: 4288.1/8$

Left: -9.125 ± 0.074 $\chi^2/\text{NDF}: 7796.5/19$

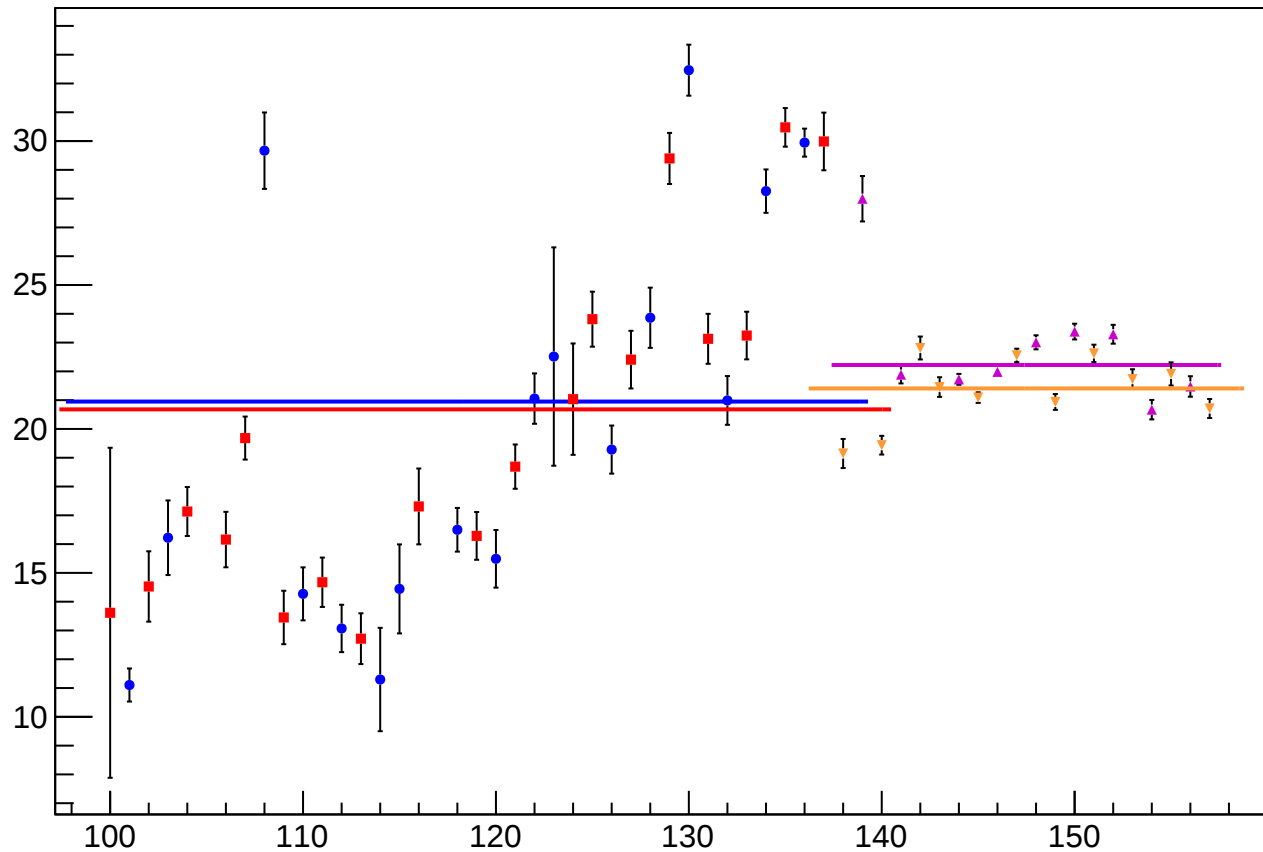
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -6.992 ± 0.097 $\chi^2/\text{NDF}: 7328.2/25$

Out: -7.677 ± 0.102 $\chi^2/\text{NDF}: 7777.2/29$

All: -7.316 ± 0.070 $\chi^2/\text{NDF}: 15129.0/55$

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: 21.407 $\pm$ 0.090 χ^2 /NDF:122.4/10

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.221 $\pm$ 0.084 χ^2 /NDF:128.9/8

Left: 21.842 $\pm$ 0.061 χ^2 /NDF: 295.4/19

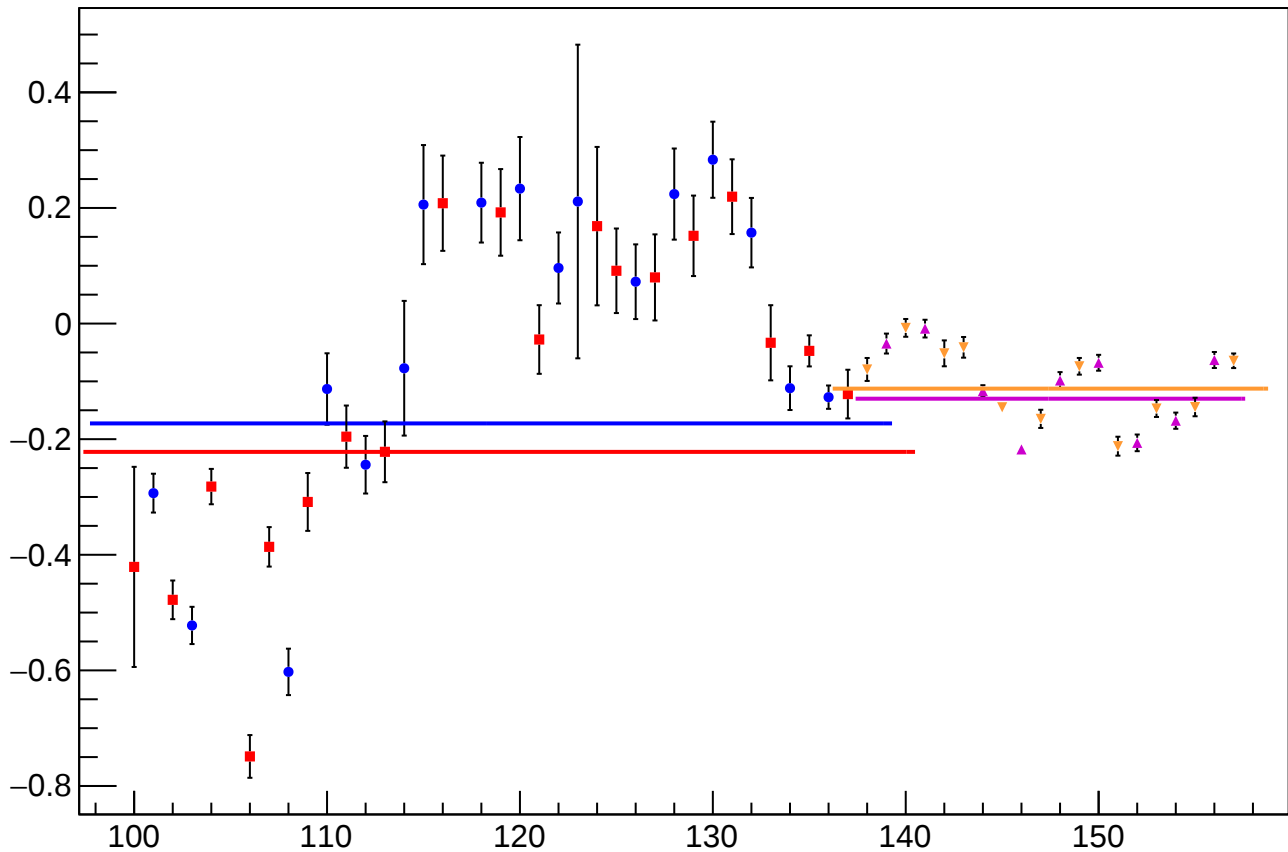
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.047 $\pm$ 0.078 χ^2 /NDF:1383.3/25

Out: 21.297 $\pm$ 0.083 χ^2 /NDF:860.8/29

All: 21.695 $\pm$ 0.057 χ^2 /NDF: 2287.8/55

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: -0.113 ± 0.004 χ^2/NDF : 167.9/10

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.130 ± 0.004 χ^2/NDF : 286.8/8

Left: -0.121 ± 0.003 χ^2/NDF : 463.1/19

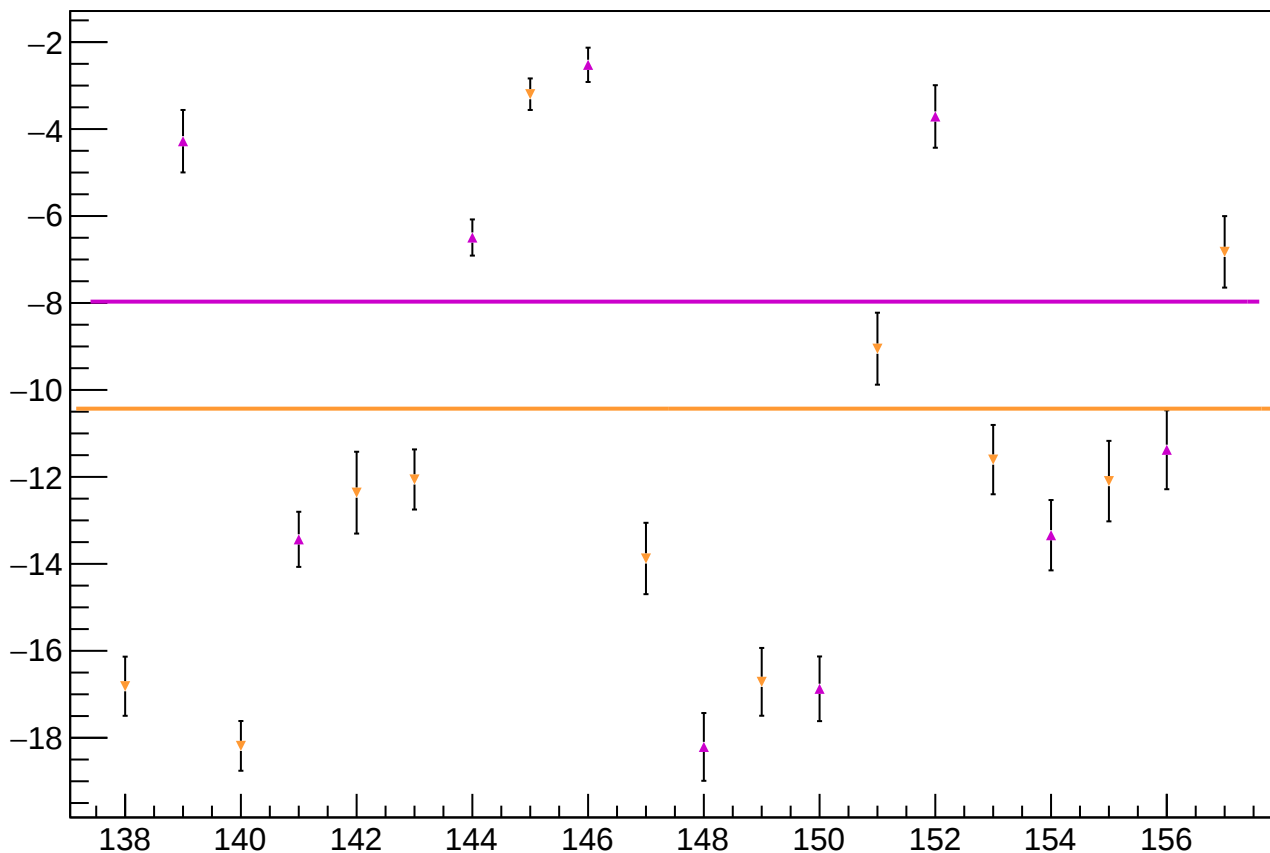
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.135 ± 0.004 χ^2/NDF : 759.9/25

Out: -0.127 ± 0.004 χ^2/NDF : 791.0/29

All: -0.131 ± 0.003 χ^2/NDF : 1553.1/55

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: -10.430+/-0.201 χ^2/NDF : 789.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.969+/-0.201 χ^2/NDF : 713.3/8

Left: -9.202+/-0.142 χ^2/NDF : 1577.7/19

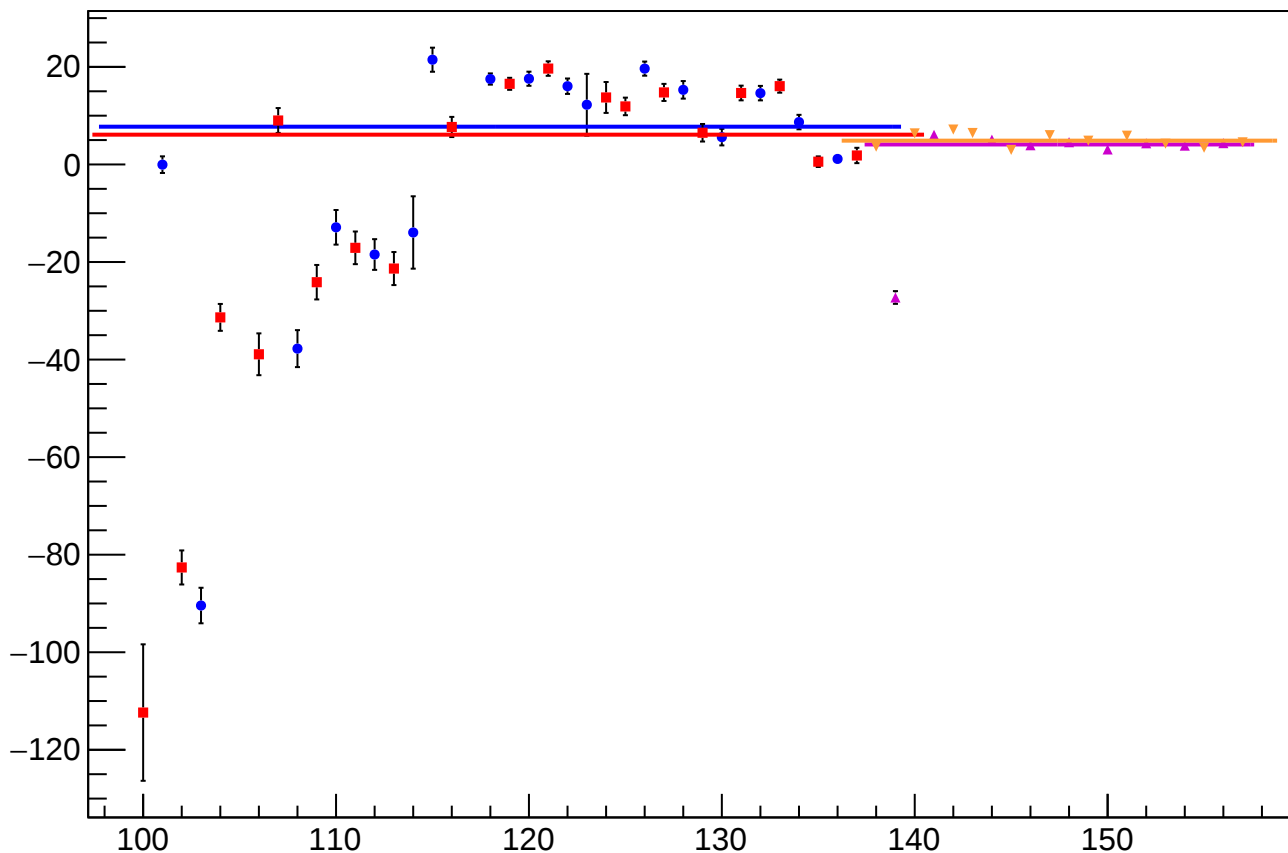
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.969+/-0.201 χ^2/NDF : 713.3/8

Out: -10.430+/-0.201 χ^2/NDF : 789.3/10

All: -9.202+/-0.142 χ^2/NDF : 1577.7/19

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 4.880 ± 0.142 $\chi^2/\text{NDF}: 102.2/10$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 4.098 ± 0.137 $\chi^2/\text{NDF}: 612.9/8$

Left: 4.477 ± 0.099 $\chi^2/\text{NDF}: 730.8/19$

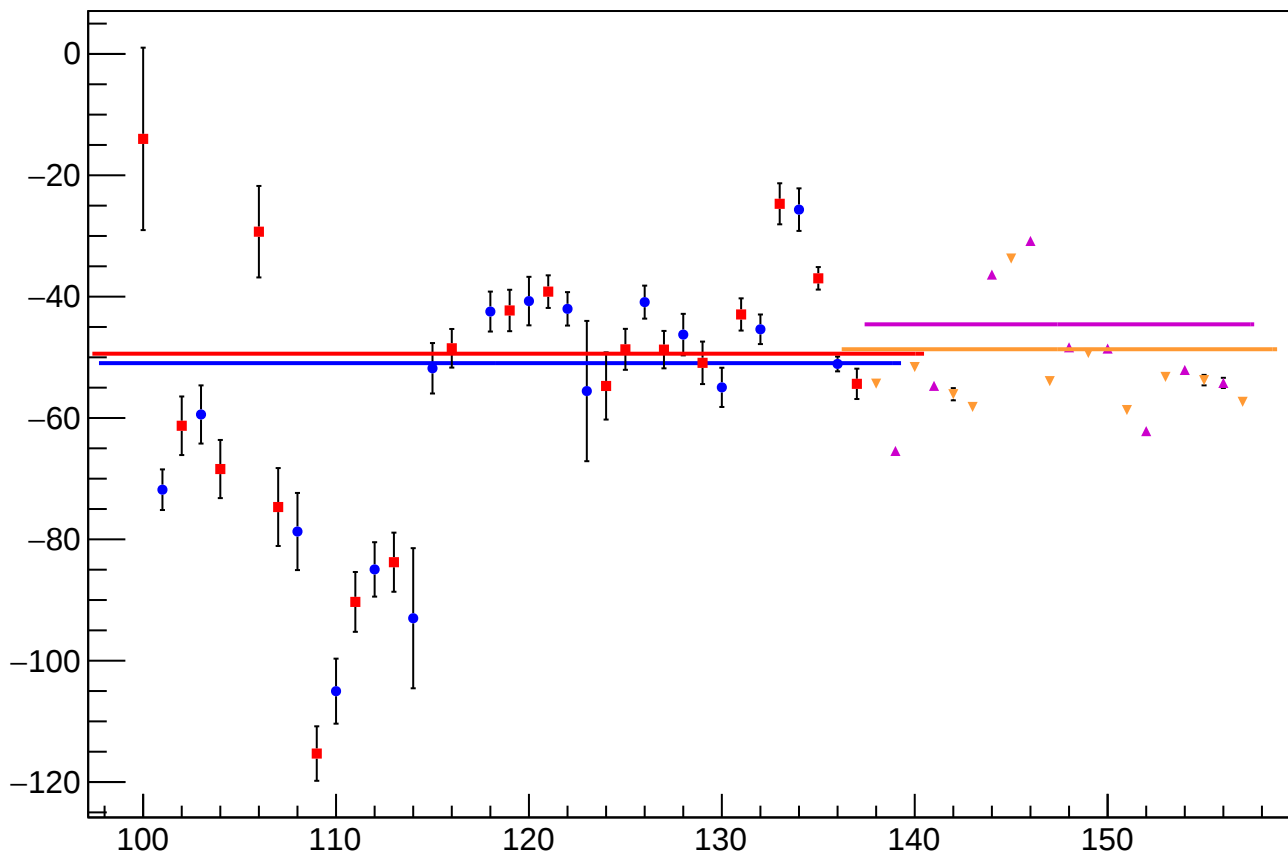
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 4.477 ± 0.130 $\chi^2/\text{NDF}: 2045.1/25$

Out: 4.998 ± 0.135 $\chi^2/\text{NDF}: 1627.2/29$

All: 4.729 ± 0.093 $\chi^2/\text{NDF}: 3680.0/55$

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: -48.668 ± 0.204 $\chi^2/\text{NDF}: 2202.9/10$

Right Out: -49.402 ± 0.797 $\chi^2/\text{NDF}: 512.0/18$

Left In: -44.563 ± 0.200 $\chi^2/\text{NDF}: 3542.0/8$

Left: -46.576 ± 0.143 $\chi^2/\text{NDF}: 5952.0/19$

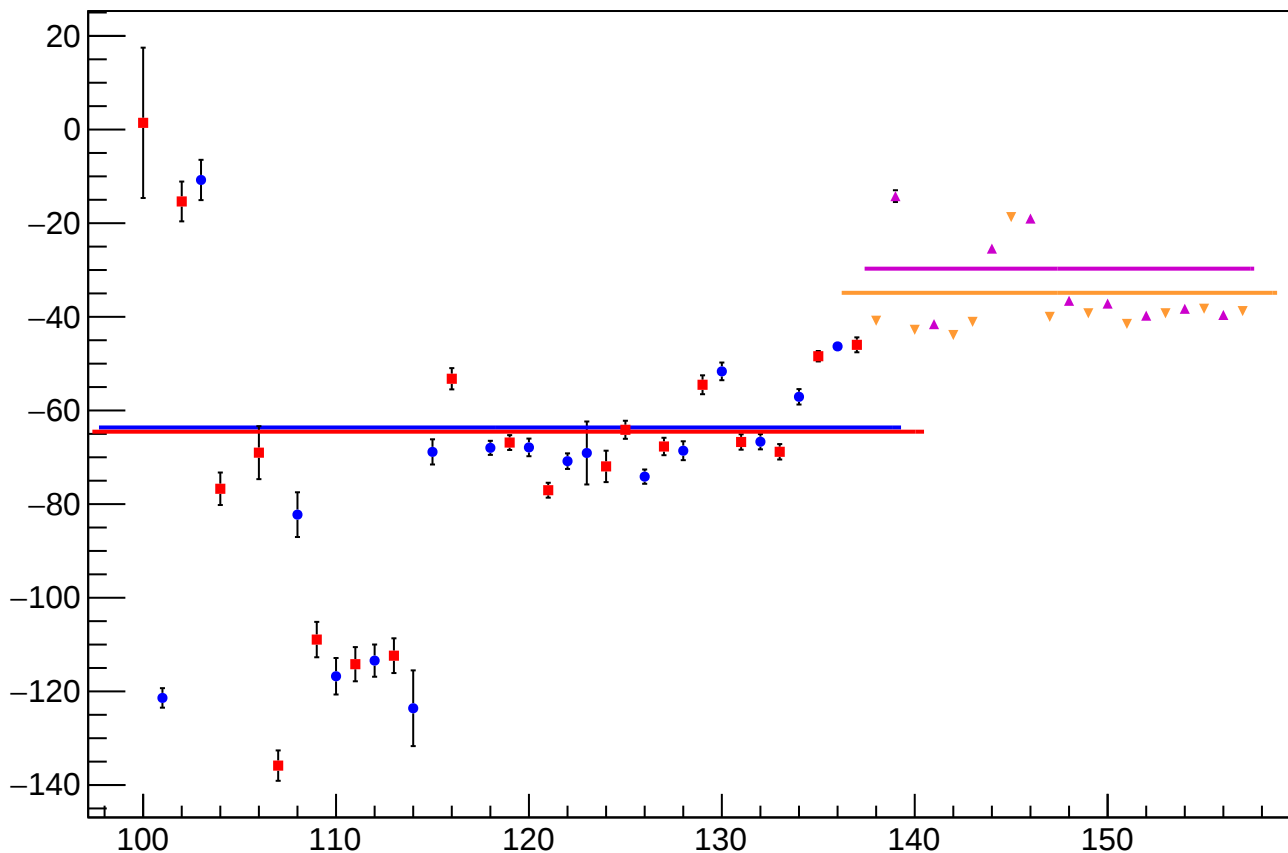
Right: -50.240 ± 0.542 $\chi^2/\text{NDF}: 845.9/35$

In: -44.999 ± 0.193 $\chi^2/\text{NDF}: 3943.8/25$

Out: -48.713 ± 0.197 $\chi^2/\text{NDF}: 2715.7/29$

All: -46.813 ± 0.138 $\chi^2/\text{NDF}: 6840.7/55$

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -34.870 ± 0.171 χ^2/NDF : 3241.3/10

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -29.712 ± 0.167 χ^2/NDF : 2891.0/8

Left: -32.241 ± 0.120 χ^2/NDF : 6597.5/19

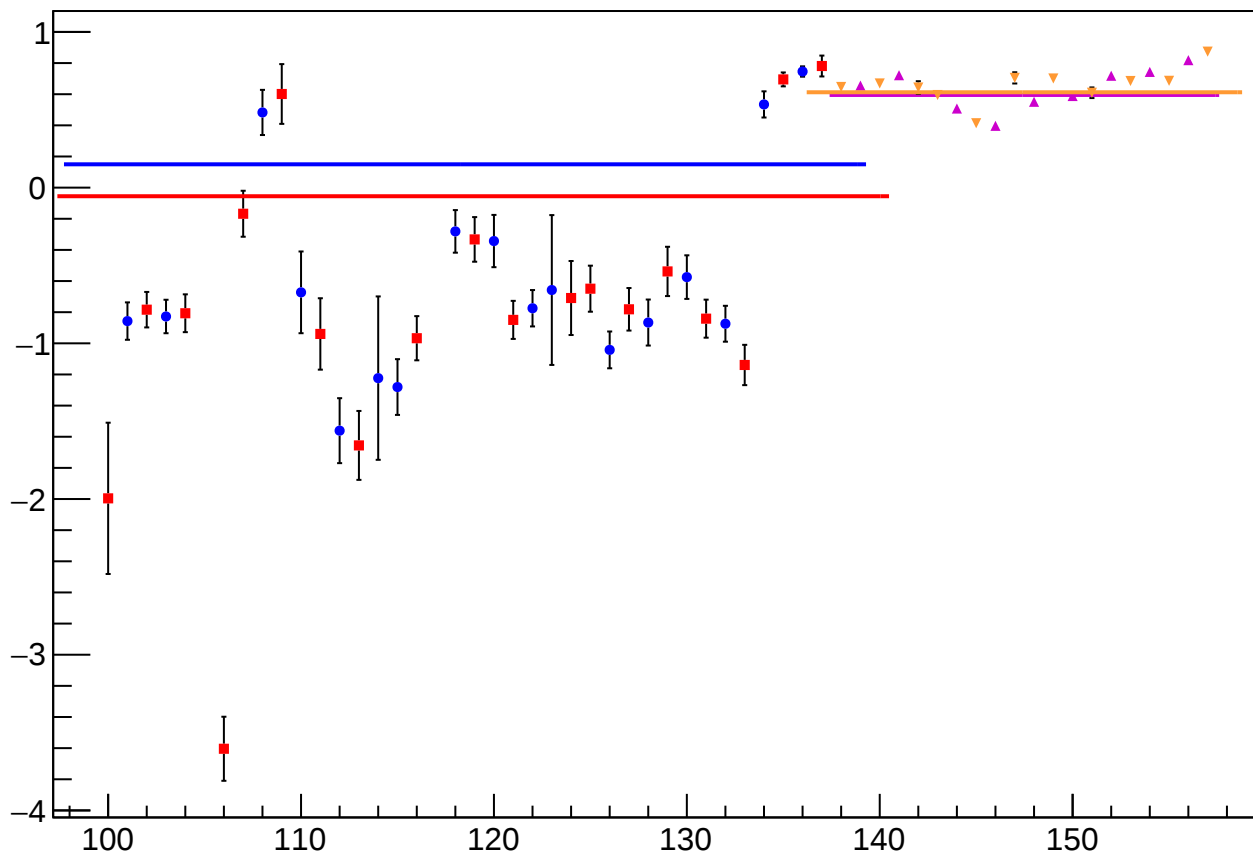
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.906 ± 0.157 χ^2/NDF : 9974.4/25

Out: -38.178 ± 0.161 χ^2/NDF : 8217.6/29

All: -35.986 ± 0.112 χ^2/NDF : 18553.4/55

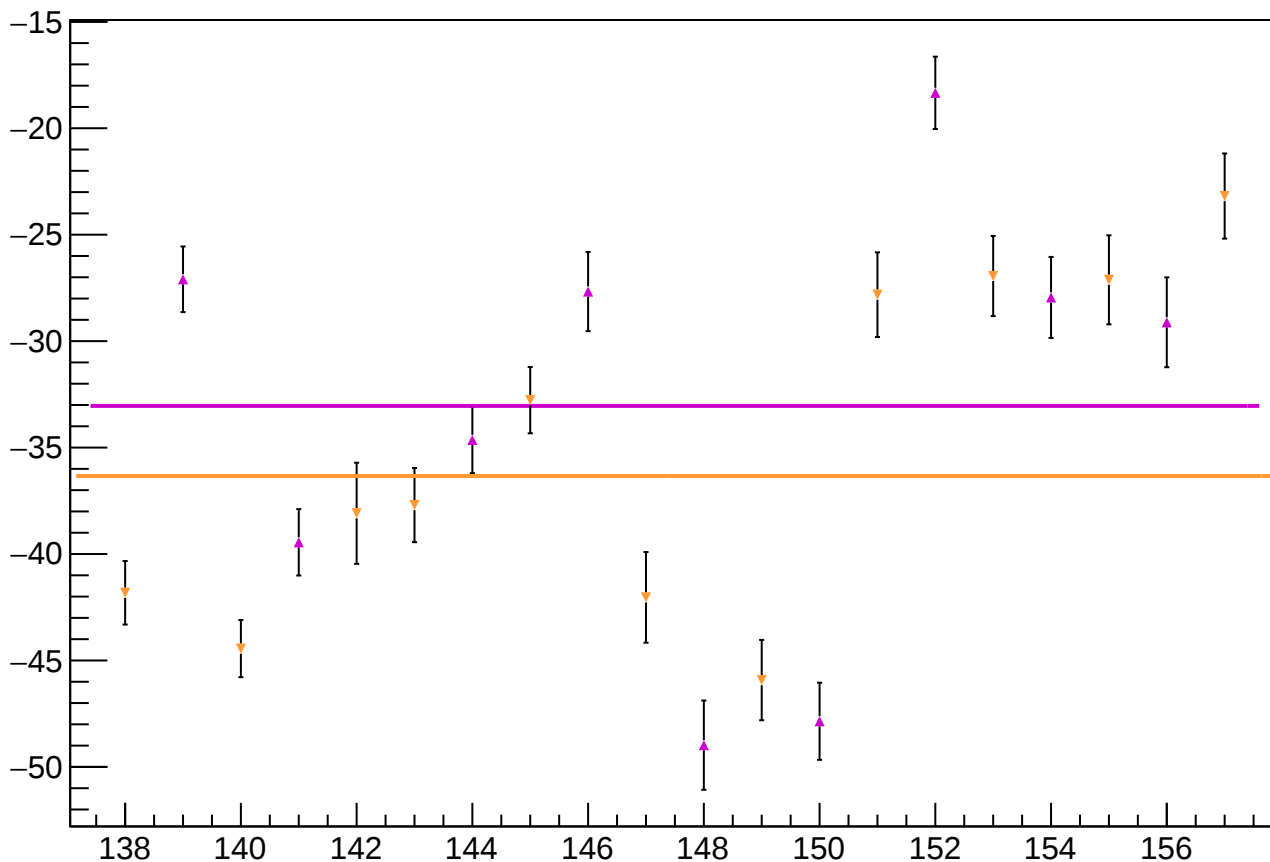
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.613 ± 0.008 $\chi^2/\text{NDF}: 310.7/10$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.595 ± 0.008 $\chi^2/\text{NDF}: 288.3/8$

Left: 0.604 ± 0.006 $\chi^2/\text{NDF}: 601.3/19$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.548 ± 0.008 $\chi^2/\text{NDF}: 1585.9/25$
 Out: 0.555 ± 0.008 $\chi^2/\text{NDF}: 2074.4/29$
 All: 0.551 ± 0.005 $\chi^2/\text{NDF}: 3660.6/55$

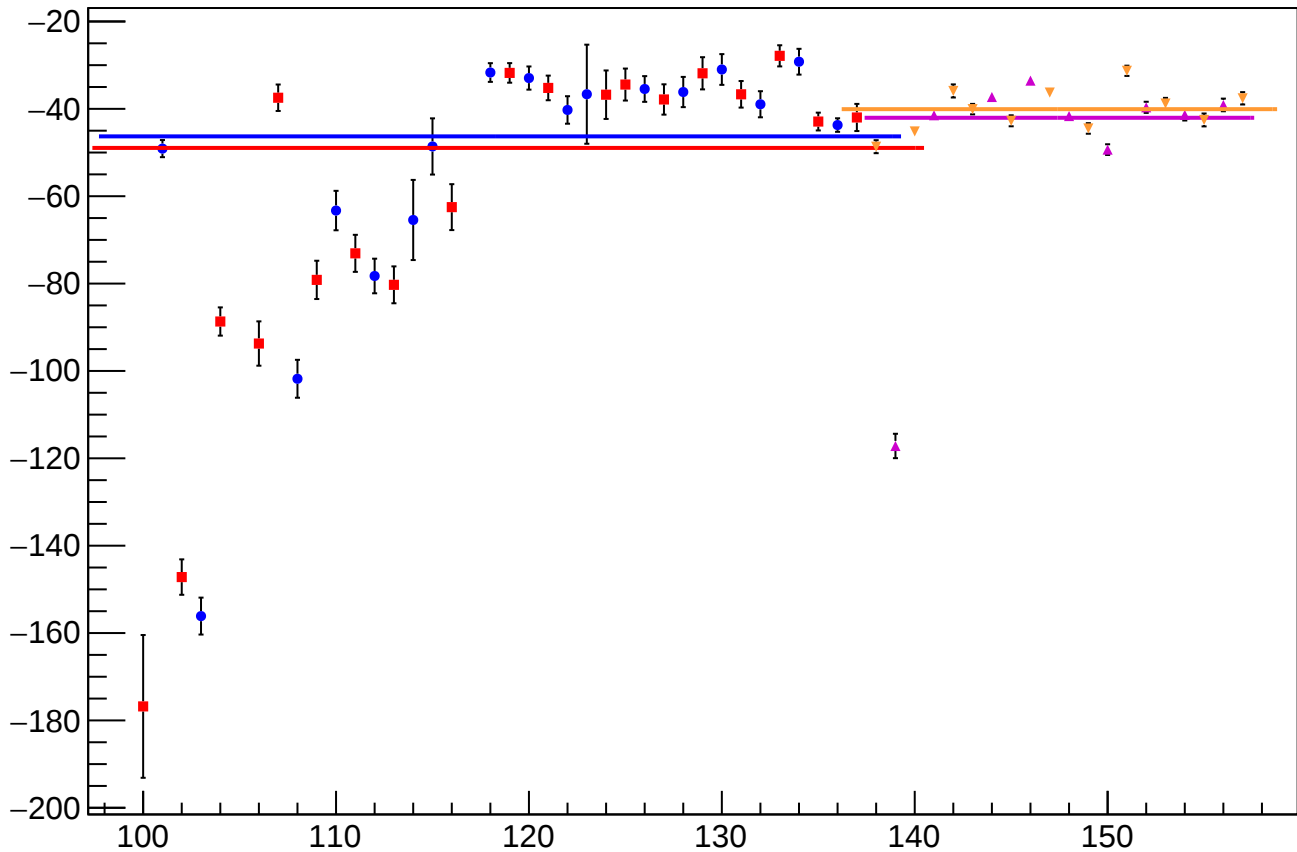
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -36.337+/-0.539 χ^2/NDF :195.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.042+/-0.586 χ^2/NDF :251.2/8

Left: -34.827+/-0.397 χ^2/NDF : 463.7/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.042+/-0.586 χ^2/NDF :251.2/8
 Out: -36.337+/-0.539 χ^2/NDF :195.3/10
 All: -34.827+/-0.397 χ^2/NDF : 463.7/19

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.072 ± 0.378 $\chi^2/\text{NDF}: 157.3/10$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -42.045 ± 0.414 $\chi^2/\text{NDF}: 842.0/8$

Left: -40.968 ± 0.279 $\chi^2/\text{NDF}: 1011.7/19$

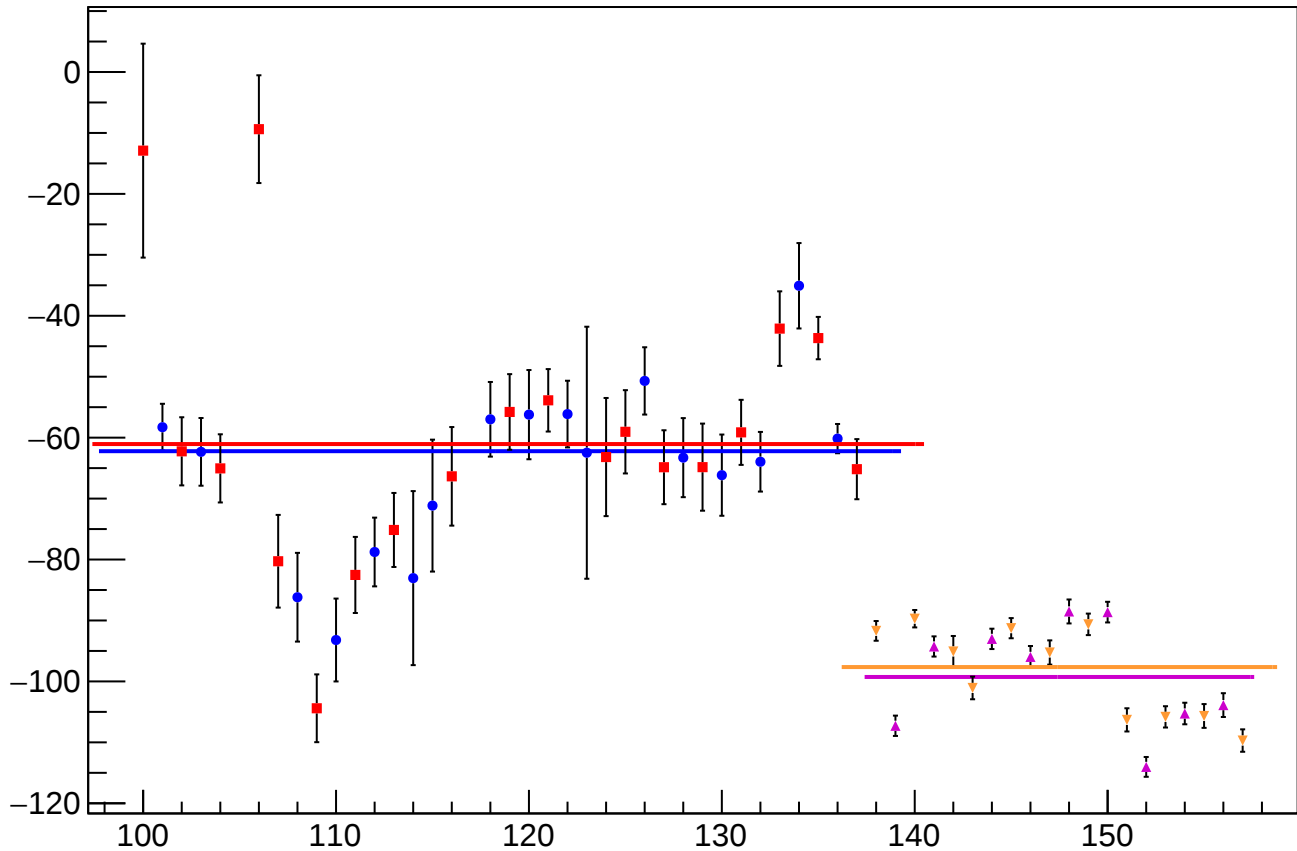
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -43.097 ± 0.360 $\chi^2/\text{NDF}: 1952.0/25$

Out: -41.825 ± 0.339 $\chi^2/\text{NDF}: 1539.6/29$

All: -42.423 ± 0.247 $\chi^2/\text{NDF}: 3498.2/55$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -97.645 ± 0.541 χ^2/NDF : 183.3/10

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -99.271 ± 0.581 χ^2/NDF : 218.4/8

Left: -98.400 ± 0.396 χ^2/NDF : 405.9/19

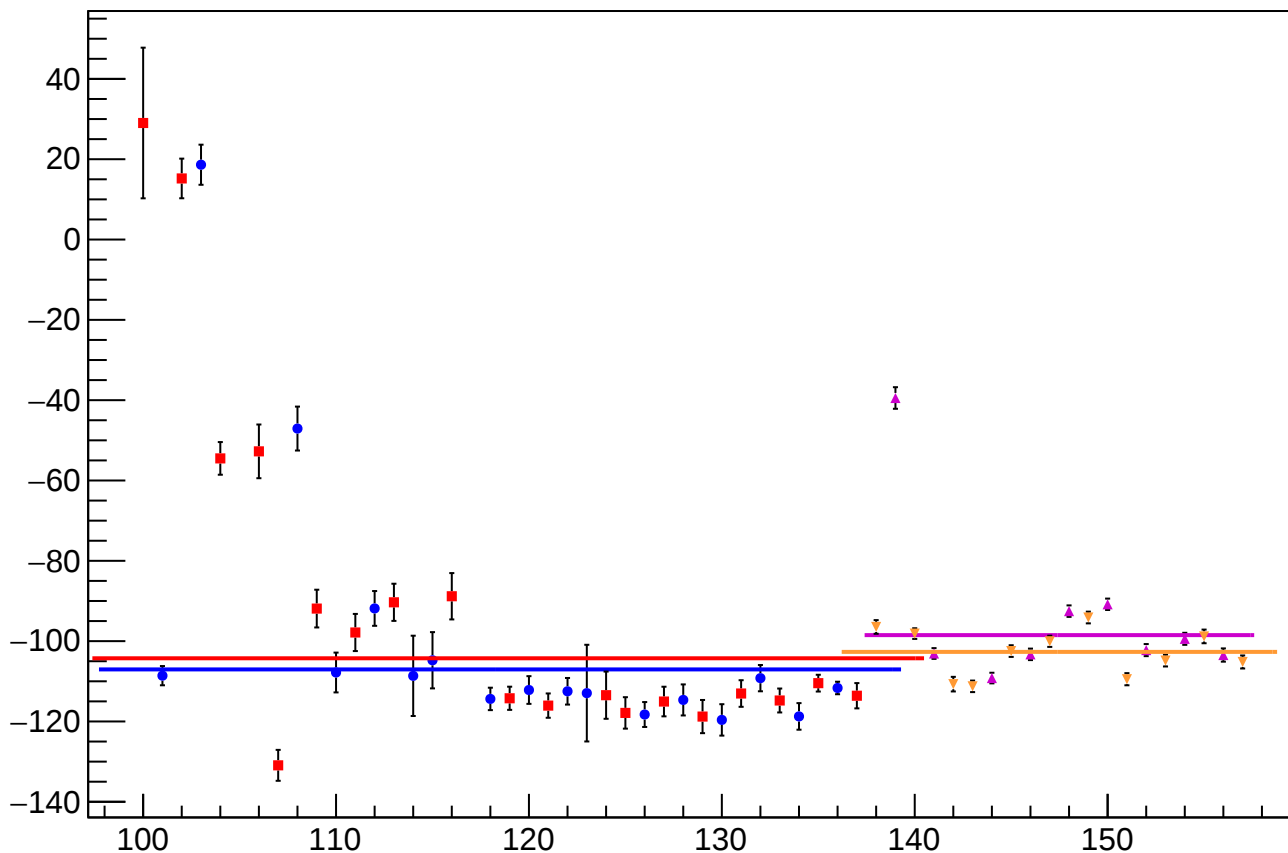
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -93.196 ± 0.531 χ^2/NDF : 952.7/25

Out: -92.762 ± 0.504 χ^2/NDF : 959.9/29

All: -92.967 ± 0.365 χ^2/NDF : 1913.0/55

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.675 ± 0.457 χ^2/NDF : 148.0/10

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -98.500 ± 0.500 χ^2/NDF : 632.8/8

Left: -100.774 ± 0.338 χ^2/NDF : 818.8/19

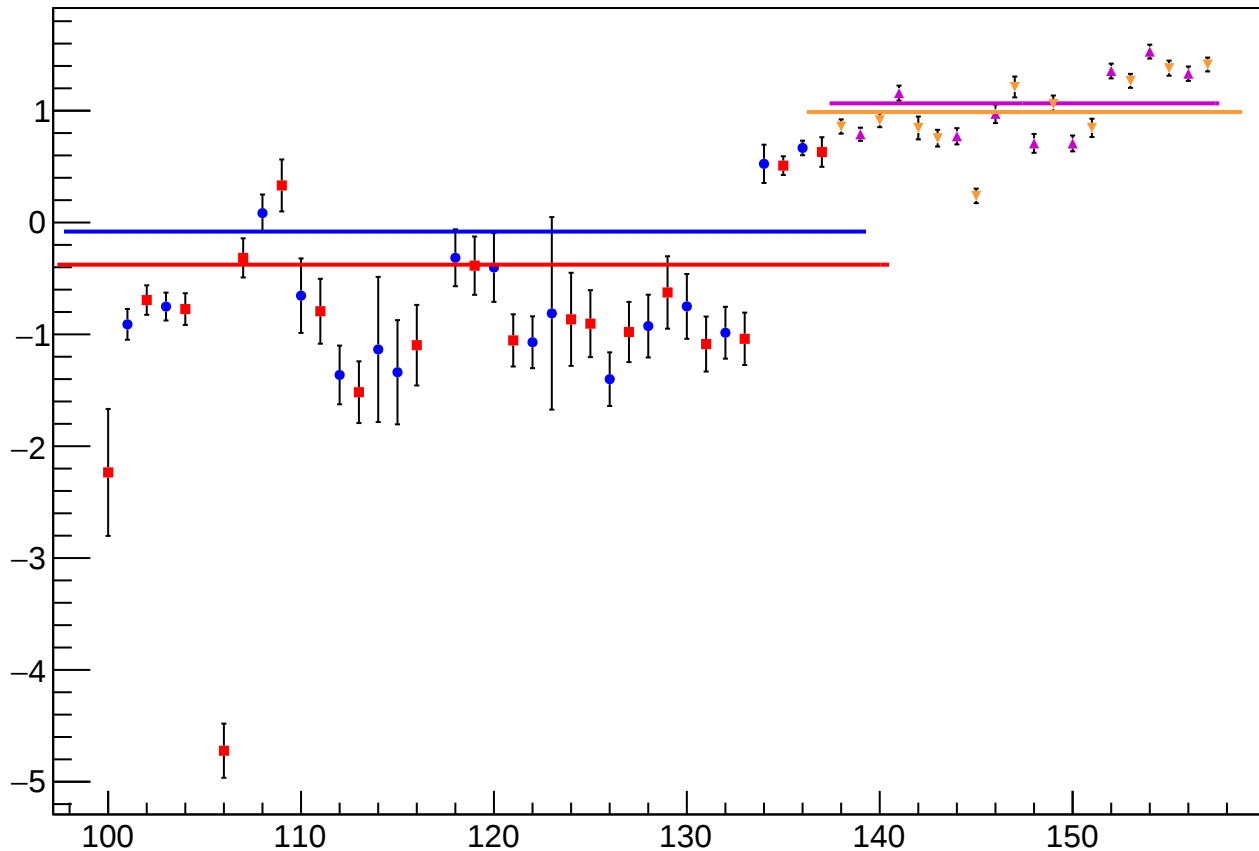
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -100.848 ± 0.426 χ^2/NDF : 1540.8/25

Out: -103.027 ± 0.404 χ^2/NDF : 1168.8/29

All: -101.995 ± 0.293 χ^2/NDF : 2723.3/55

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: 0.988 ± 0.021 χ^2/NDF : 261.0/10

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.066 ± 0.023 χ^2/NDF : 176.8/8

Left: 1.024 ± 0.016 χ^2/NDF : 444.0/19

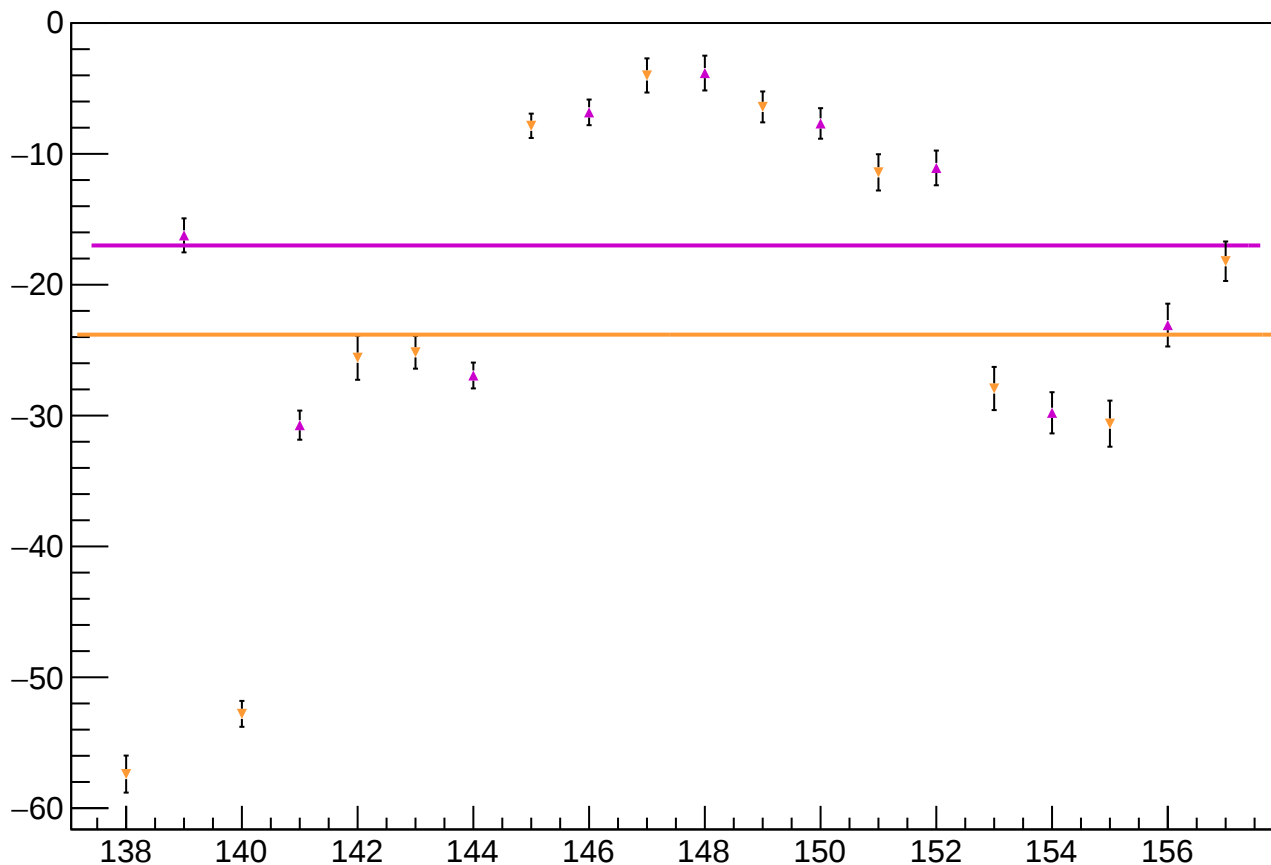
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.806 ± 0.020 χ^2/NDF : 1076.5/25

Out: 0.726 ± 0.019 χ^2/NDF : 1626.1/29

All: 0.764 ± 0.014 χ^2/NDF : 2710.9/55

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.814+/-0.388 χ^2/NDF :2280.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.000+/-0.404 χ^2/NDF :623.5/8

Left: -20.545+/-0.280 χ^2/NDF : 3051.5/19

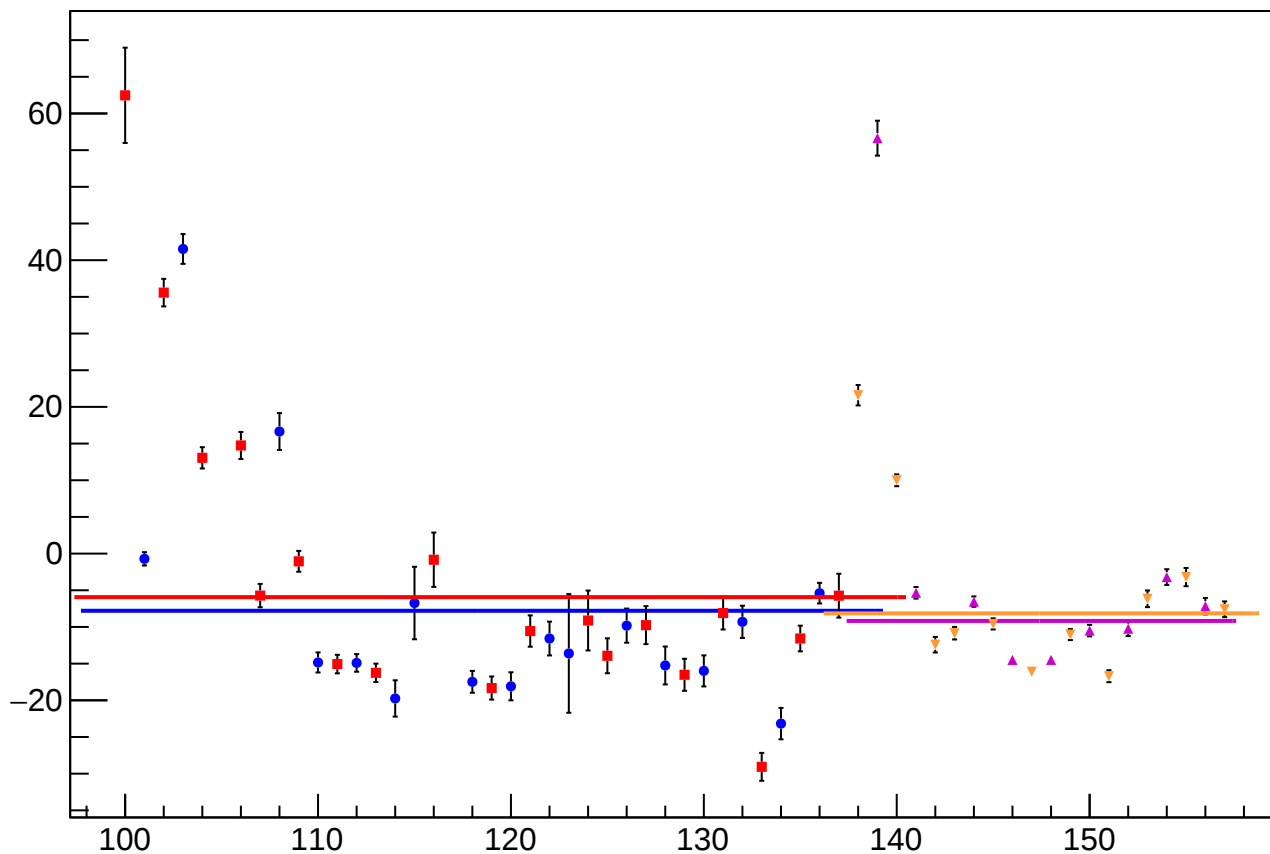
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.000+/-0.404 χ^2/NDF :623.5/8

Out: -23.814+/-0.388 χ^2/NDF :2280.3/10

All: -20.545+/-0.280 χ^2/NDF : 3051.5/19

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.148 ± 0.266 χ^2/NDF : 1295.5/10

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -9.179 ± 0.277 χ^2/NDF : 981.2/8

Left: -8.644 ± 0.192 χ^2/NDF : 2283.9/19

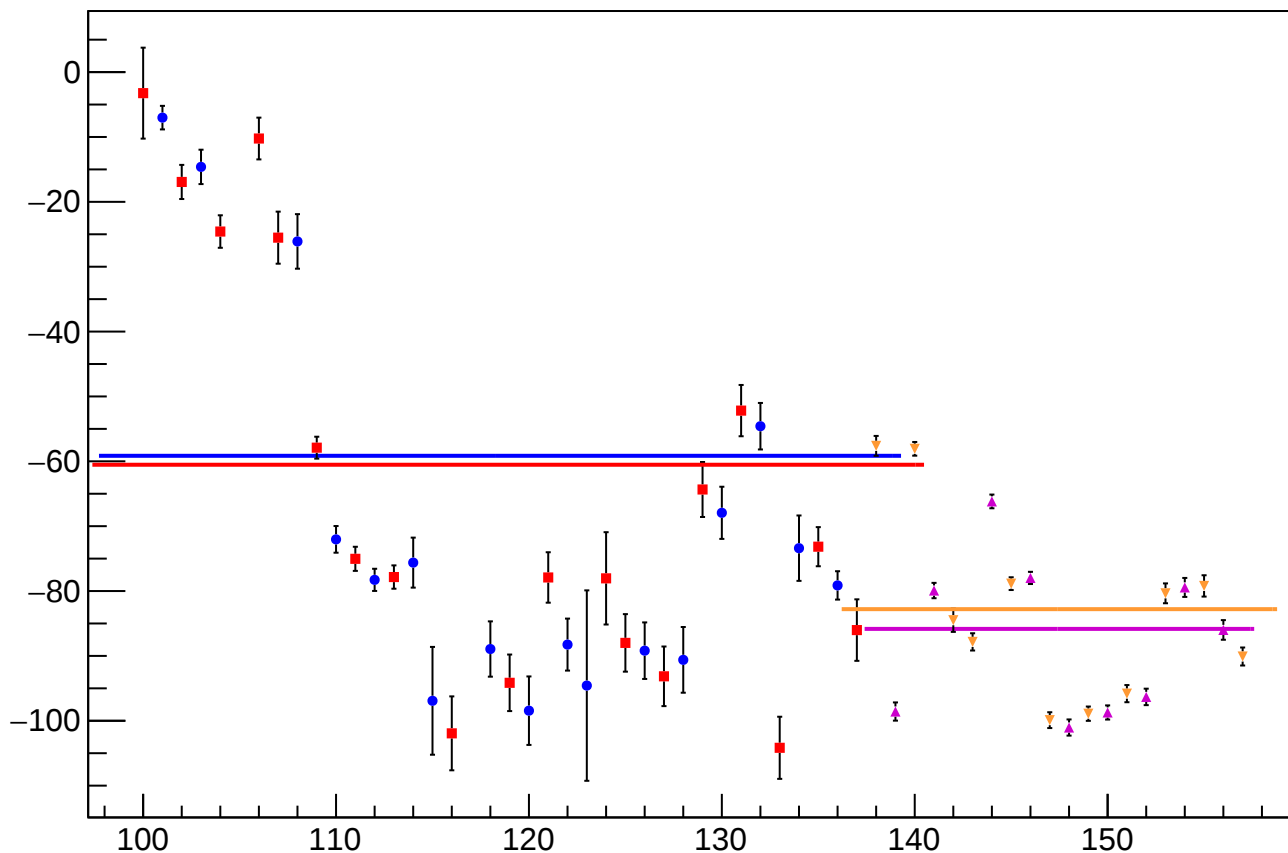
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -8.771 ± 0.232 χ^2/NDF : 1971.3/25

Out: -7.532 ± 0.226 χ^2/NDF : 2609.0/29

All: -8.135 ± 0.162 χ^2/NDF : 4594.9/55

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.792 ± 0.389 χ^2/NDF : 1392.2/10

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -85.836 ± 0.400 χ^2/NDF : 897.8/8

Left: -84.271 ± 0.279 χ^2/NDF : 2319.7/19

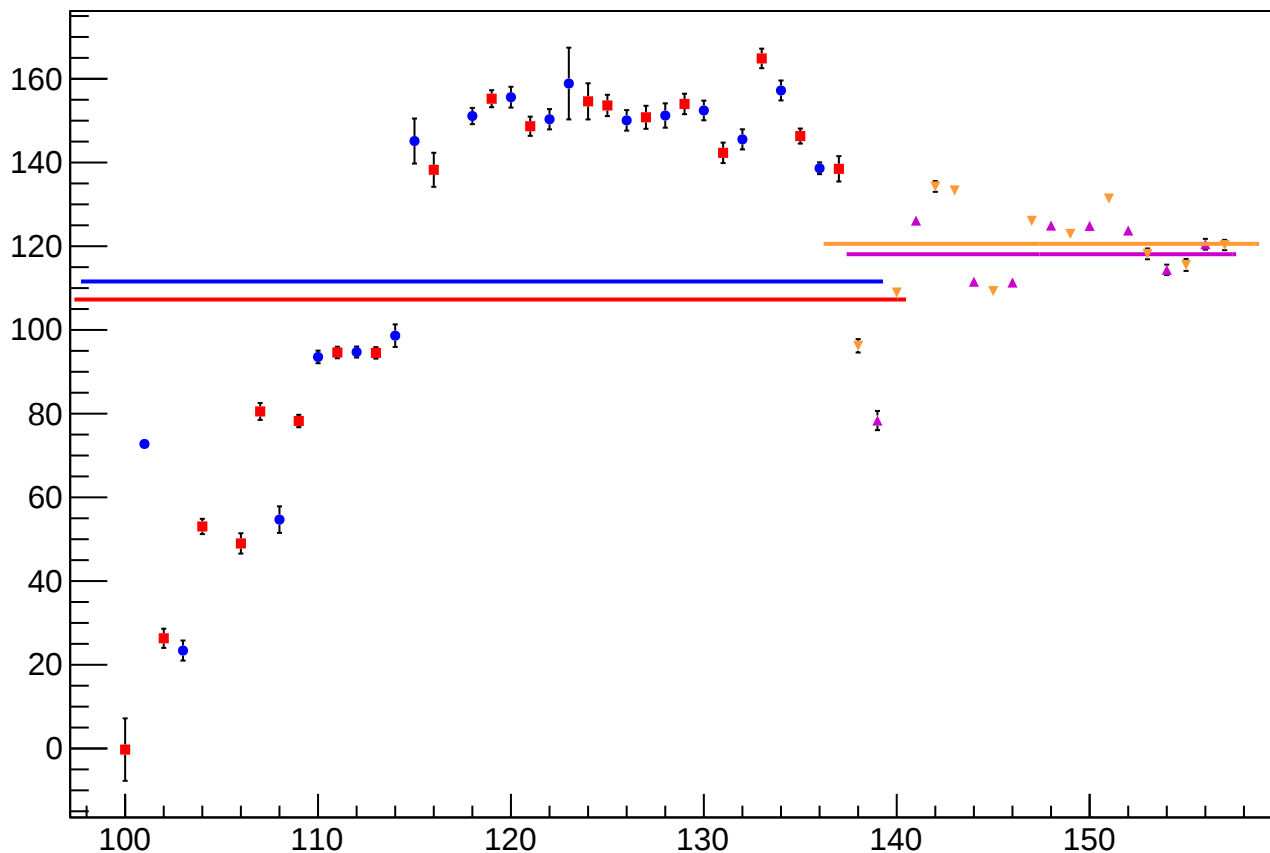
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -79.869 ± 0.352 χ^2/NDF : 3611.6/25

Out: -77.589 ± 0.340 χ^2/NDF : 3543.4/29

All: -78.690 ± 0.245 χ^2/NDF : 7176.7/55

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.572 $\pm$ 0.324 χ^2 /NDF:976.5/10

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 118.090 $\pm$ 0.337 χ^2 /NDF:657.8/8

Left: 119.378 $\pm$ 0.234 χ^2 /NDF: 1662.5/19

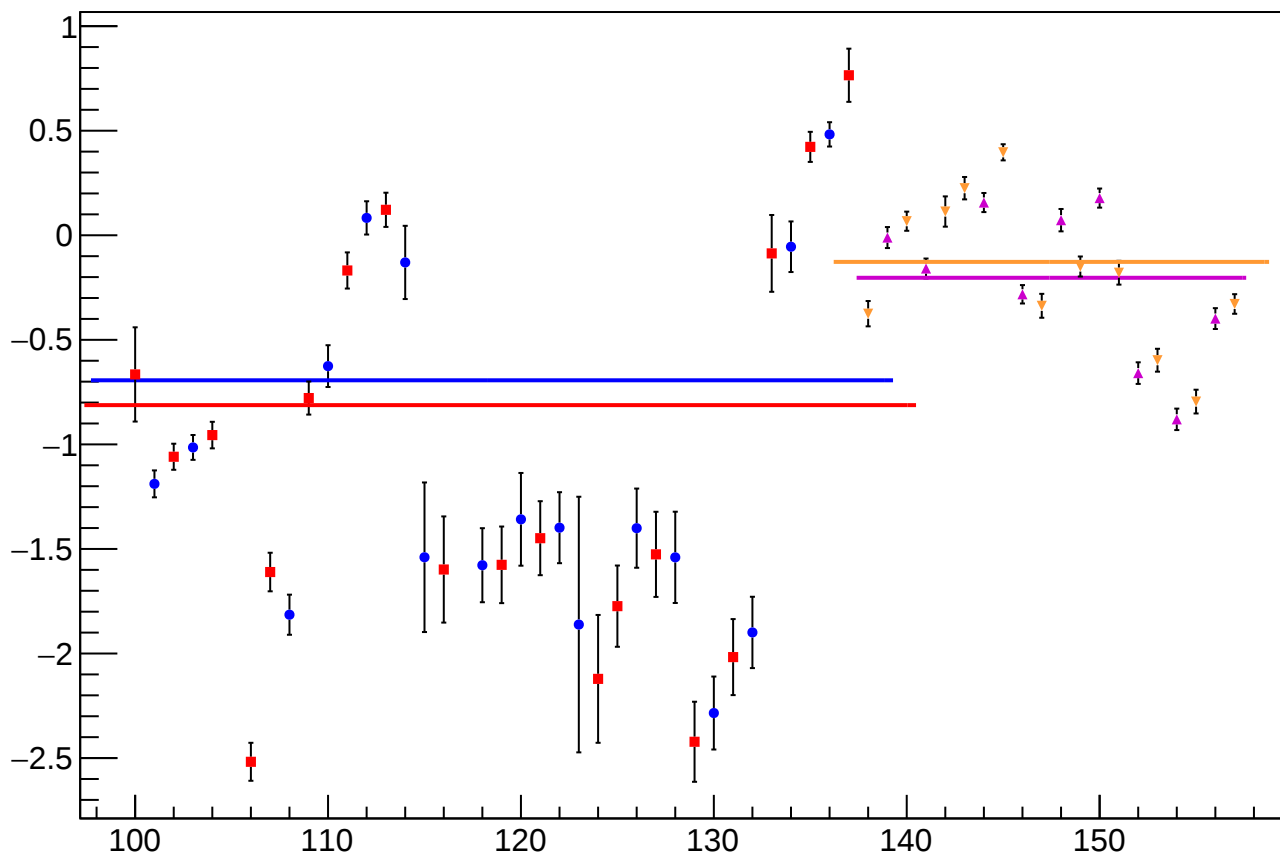
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.986 $\pm$ 0.277 χ^2 /NDF:6724.5/25

Out: 116.494 $\pm$ 0.270 χ^2 /NDF:8537.2/29

All: 116.246 $\pm$ 0.193 χ^2 /NDF: 15263.4/55

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: -0.127 ± 0.016 χ^2/NDF : 518.5/10

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.203 ± 0.016 χ^2/NDF : 444.3/8

Left: -0.164 ± 0.011 χ^2/NDF : 974.3/19

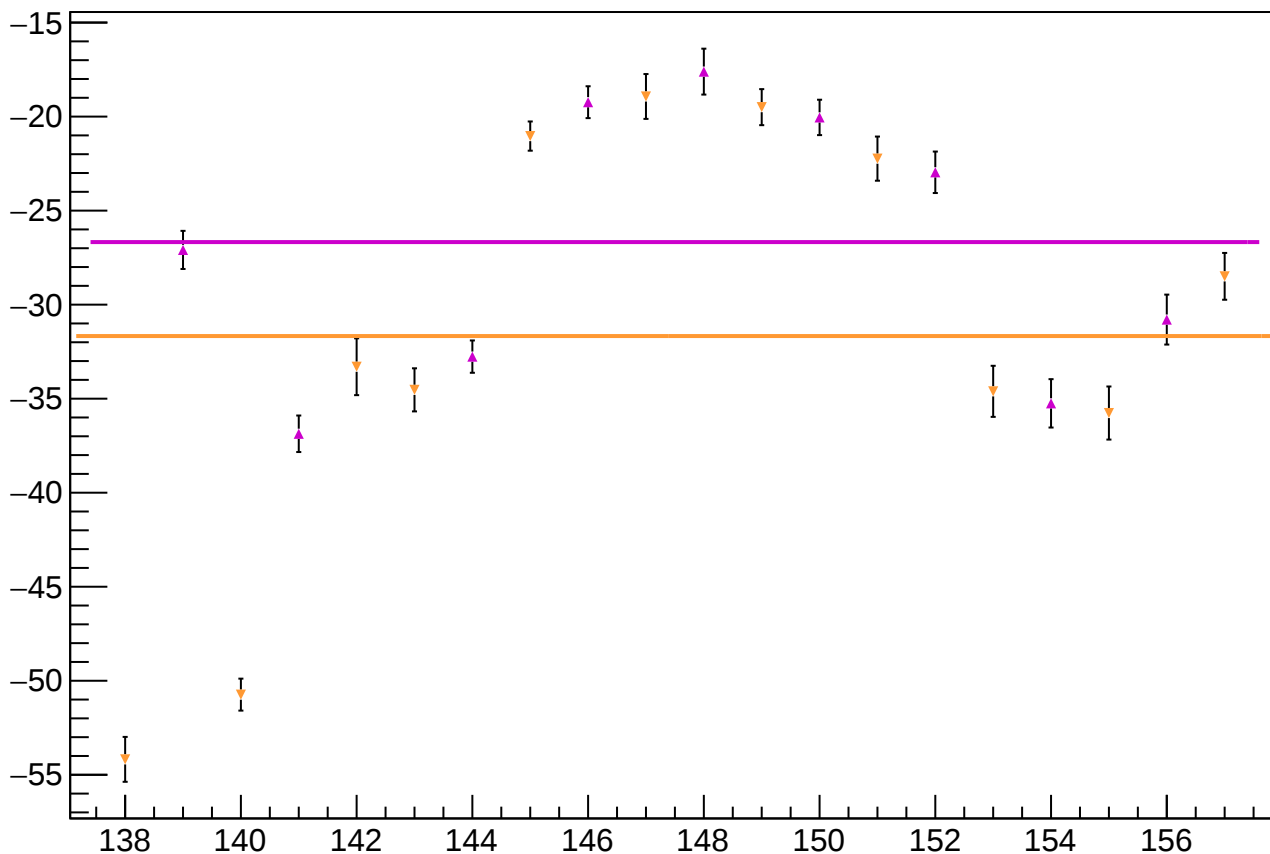
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.342 ± 0.014 χ^2/NDF : 1694.0/25

Out: -0.327 ± 0.013 χ^2/NDF : 2389.2/29

All: -0.334 ± 0.009 χ^2/NDF : 4083.8/55

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



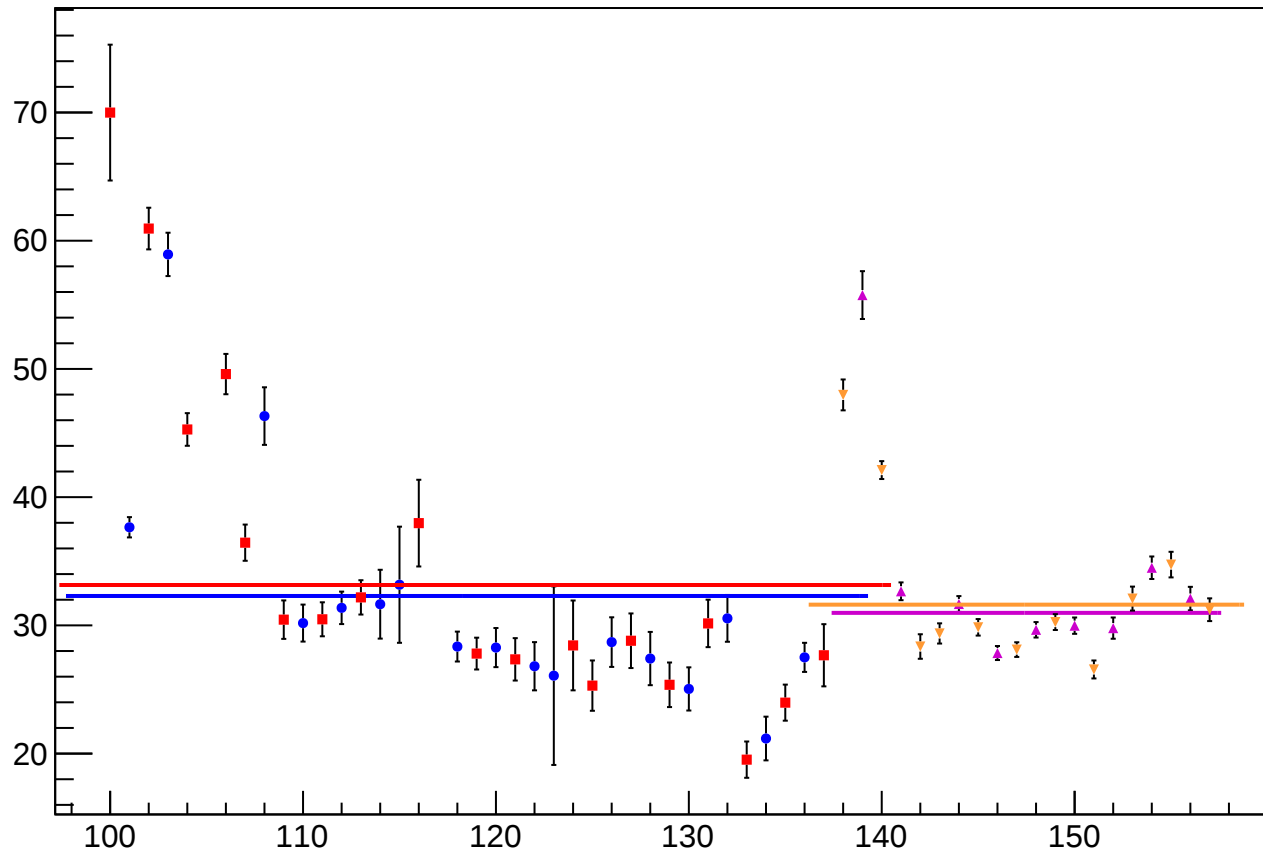
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.670+/-0.331 χ^2/NDF :1413.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.673+/-0.341 χ^2/NDF :408.0/8

Left: -29.252+/-0.237 χ^2/NDF : 1932.1/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.673+/-0.341 χ^2/NDF :408.0/8
 Out: -31.670+/-0.331 χ^2/NDF :1413.5/10

All: -29.252+/-0.237 χ^2/NDF : 1932.1/19

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2/NDF : 452.5/16

Left Out: 31.616 $\pm$ 0.229 χ^2/NDF :543.0/10

Right Out: 33.149 $\pm$ 0.379 χ^2/NDF : 772.6/18

Left In: 30.975 $\pm$ 0.239 χ^2/NDF :243.5/8

Left: 31.309 $\pm$ 0.165 χ^2/NDF : 790.2/19

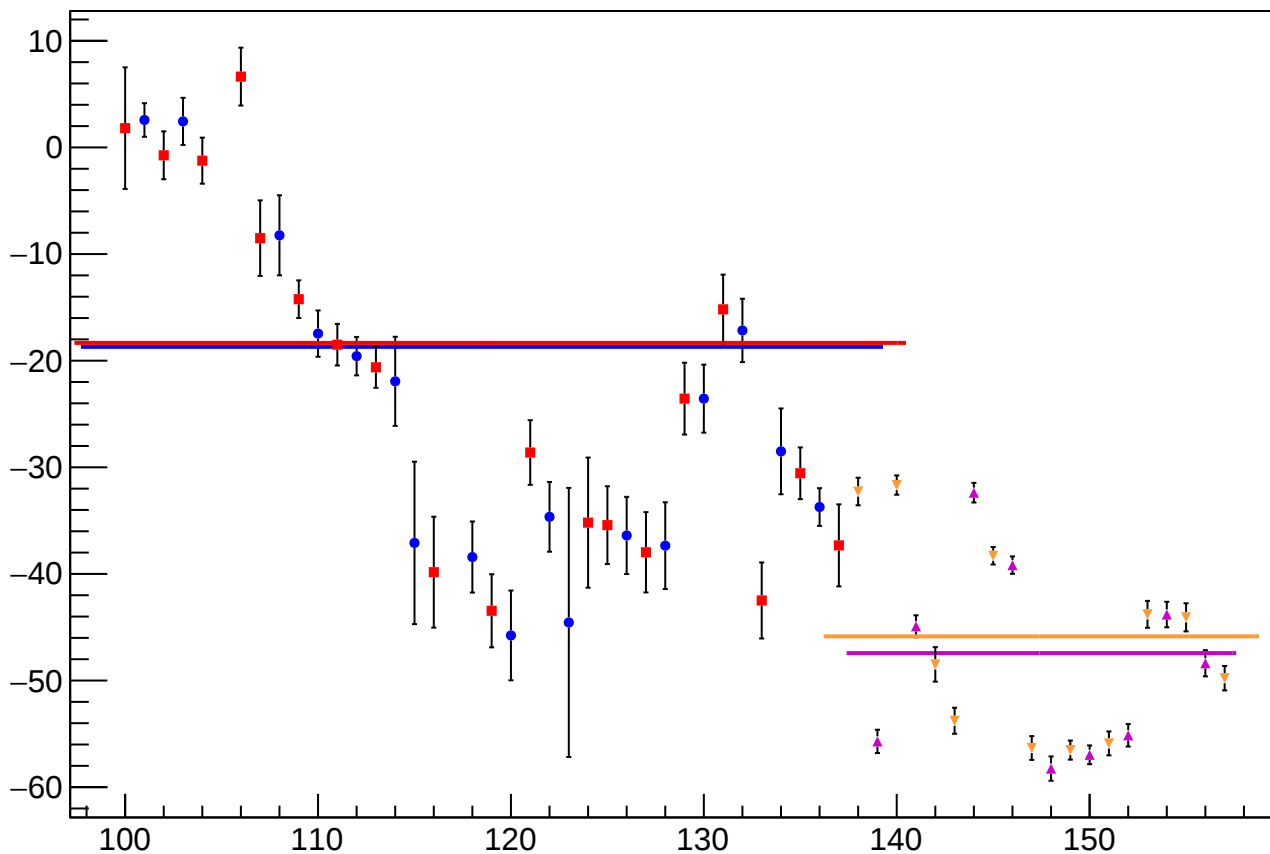
Right: 32.715 $\pm$ 0.266 χ^2/NDF : 1227.8/35

In: 31.358 $\pm$ 0.201 χ^2/NDF :704.9/25

Out: 32.028 $\pm$ 0.196 χ^2/NDF :1327.6/29

All: 31.701 $\pm$ 0.140 χ^2/NDF : 2038.1/55

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -45.859 ± 0.330 $\chi^2/\text{NDF}: 812.1/10$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -47.427 ± 0.338 $\chi^2/\text{NDF}: 703.2/8$

Left: -46.625 ± 0.236 $\chi^2/\text{NDF}: 1526.3/19$

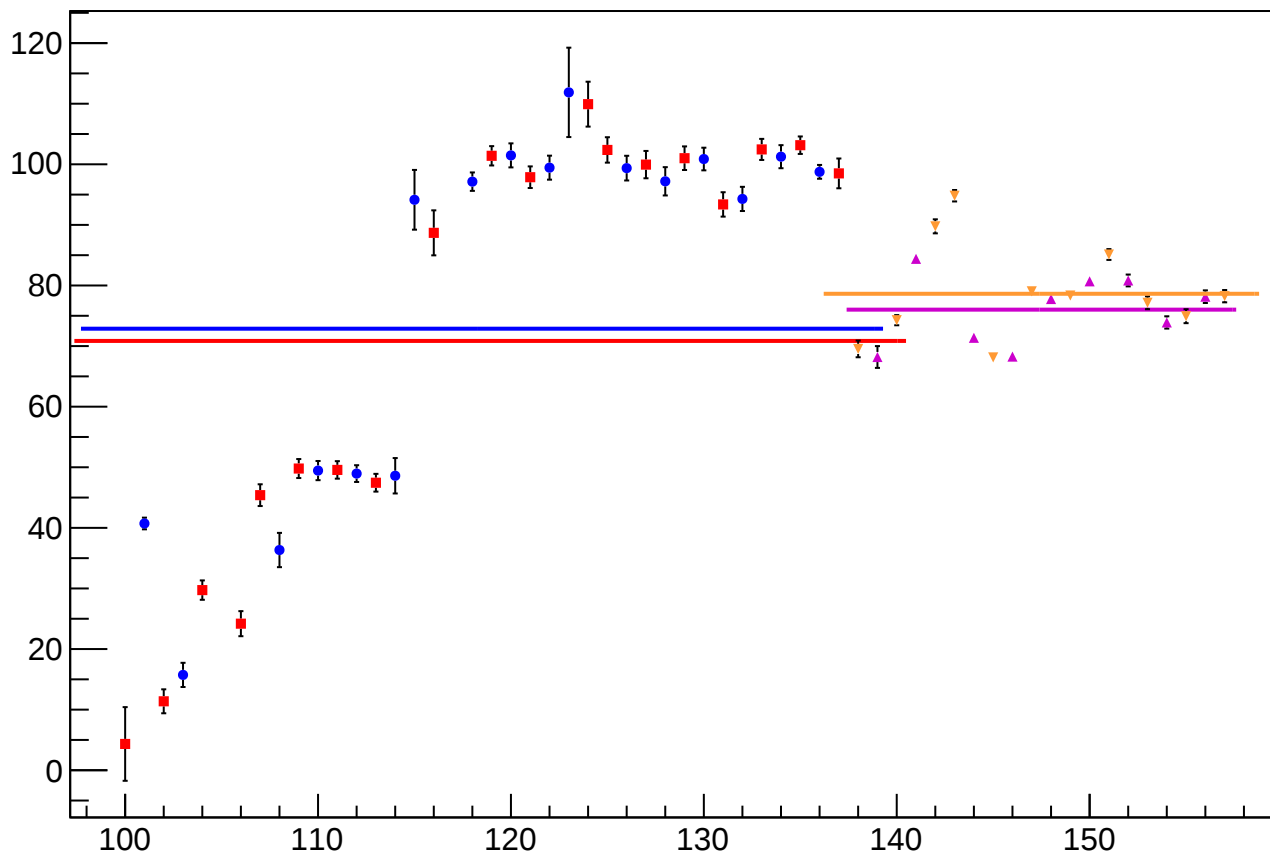
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -41.563 ± 0.301 $\chi^2/\text{NDF}: 2700.7/25$

Out: -40.121 ± 0.294 $\chi^2/\text{NDF}: 2735.1/29$

All: -40.824 ± 0.210 $\chi^2/\text{NDF}: 5447.5/55$

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: 78.631 $\pm$ 0.278 χ^2 /NDF:722.9/10

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 76.013 $\pm$ 0.288 χ^2 /NDF:369.9/8

Left: 77.370 $\pm$ 0.200 χ^2 /NDF: 1135.5/19

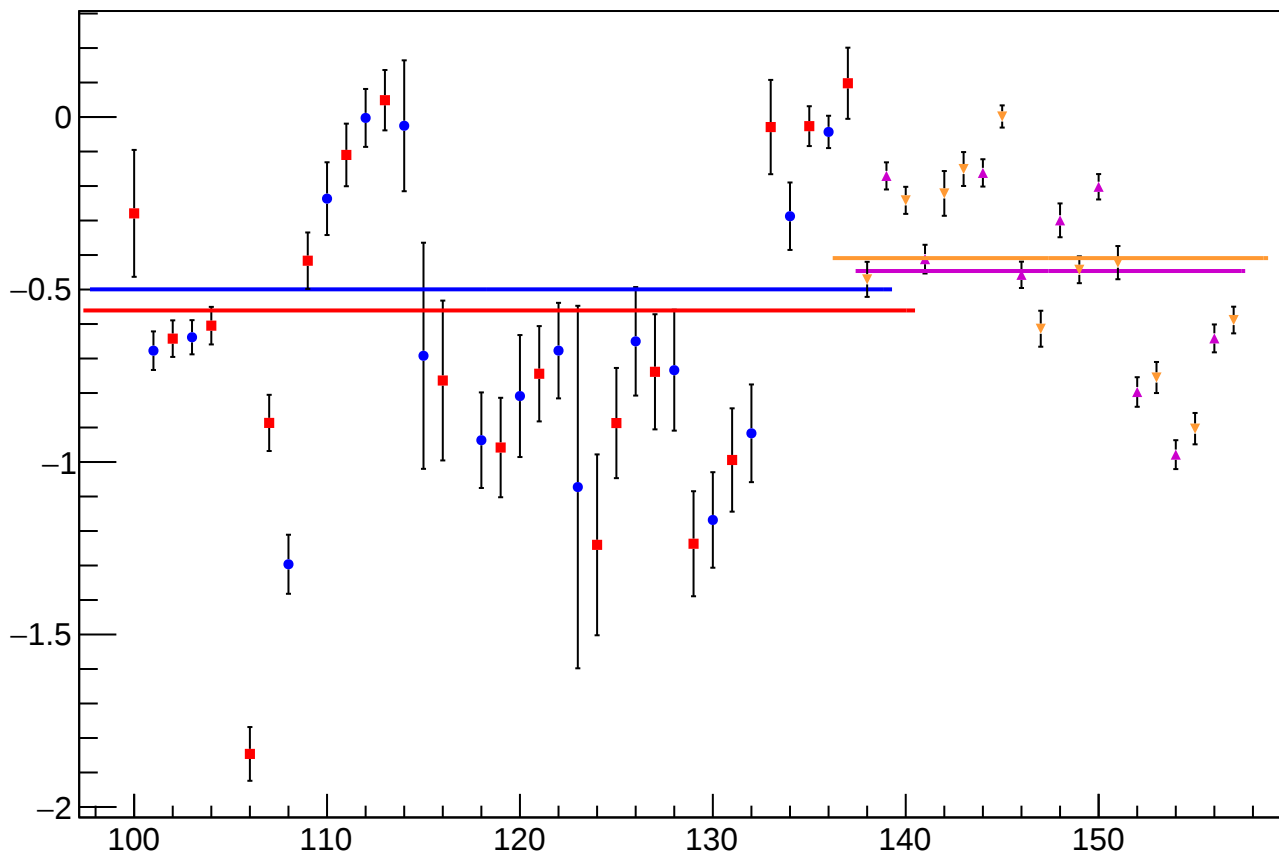
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 75.028 $\pm$ 0.239 χ^2 /NDF:5134.2/25

Out: 76.360 $\pm$ 0.234 χ^2 /NDF:6447.0/29

All: 75.708 $\pm$ 0.167 χ^2 /NDF: 11597.2/55

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: -0.409 ± 0.013 χ^2/NDF : 433.6/10

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.446 ± 0.014 χ^2/NDF : 406.0/8

Left: -0.427 ± 0.009 χ^2/NDF : 843.5/19

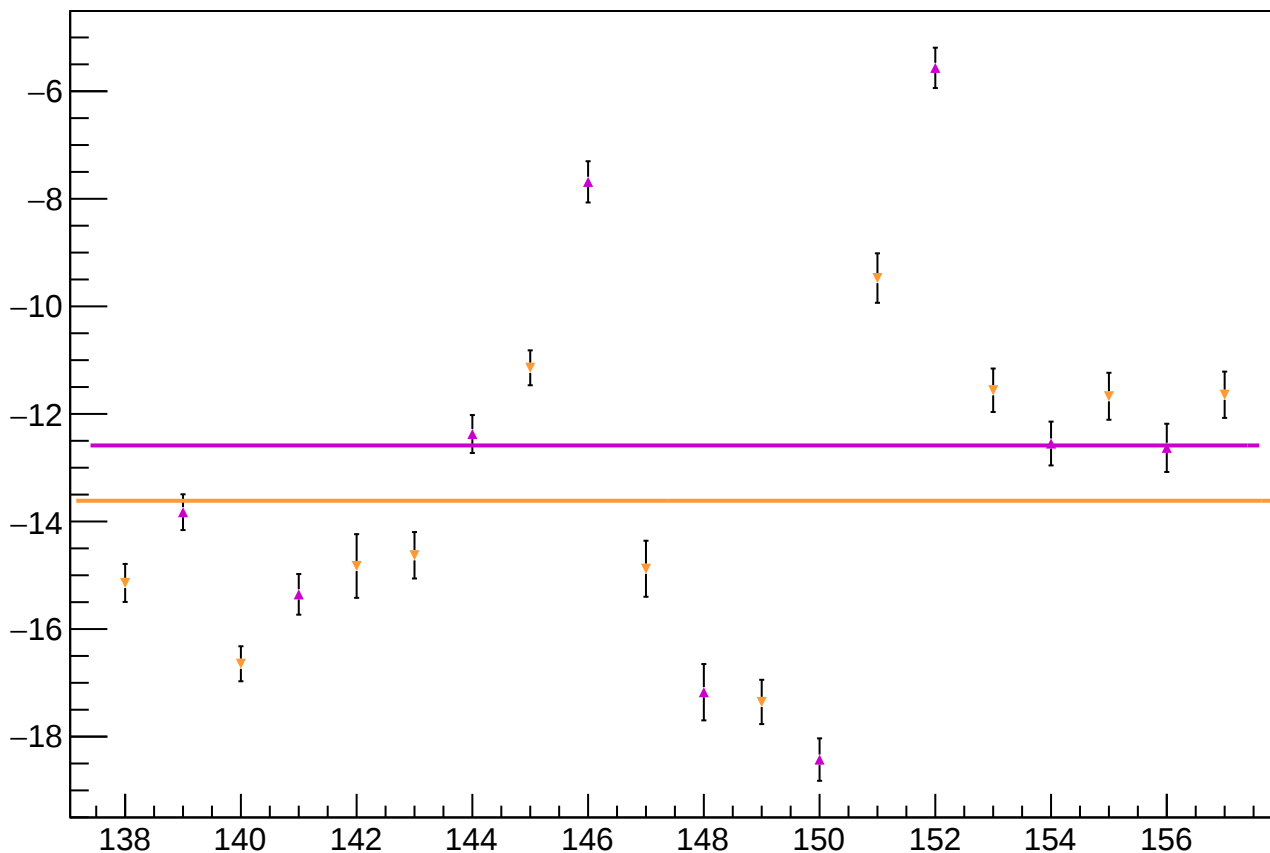
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.461 ± 0.012 χ^2/NDF : 712.8/25

Out: -0.451 ± 0.011 χ^2/NDF : 1031.8/29

All: -0.456 ± 0.008 χ^2/NDF : 1744.9/55

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: -13.615 ± 0.123 χ^2/NDF : 409.1/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -12.586 ± 0.130 χ^2/NDF : 877.1/8

Left: -13.130 ± 0.089 χ^2/NDF : 1319.2/19

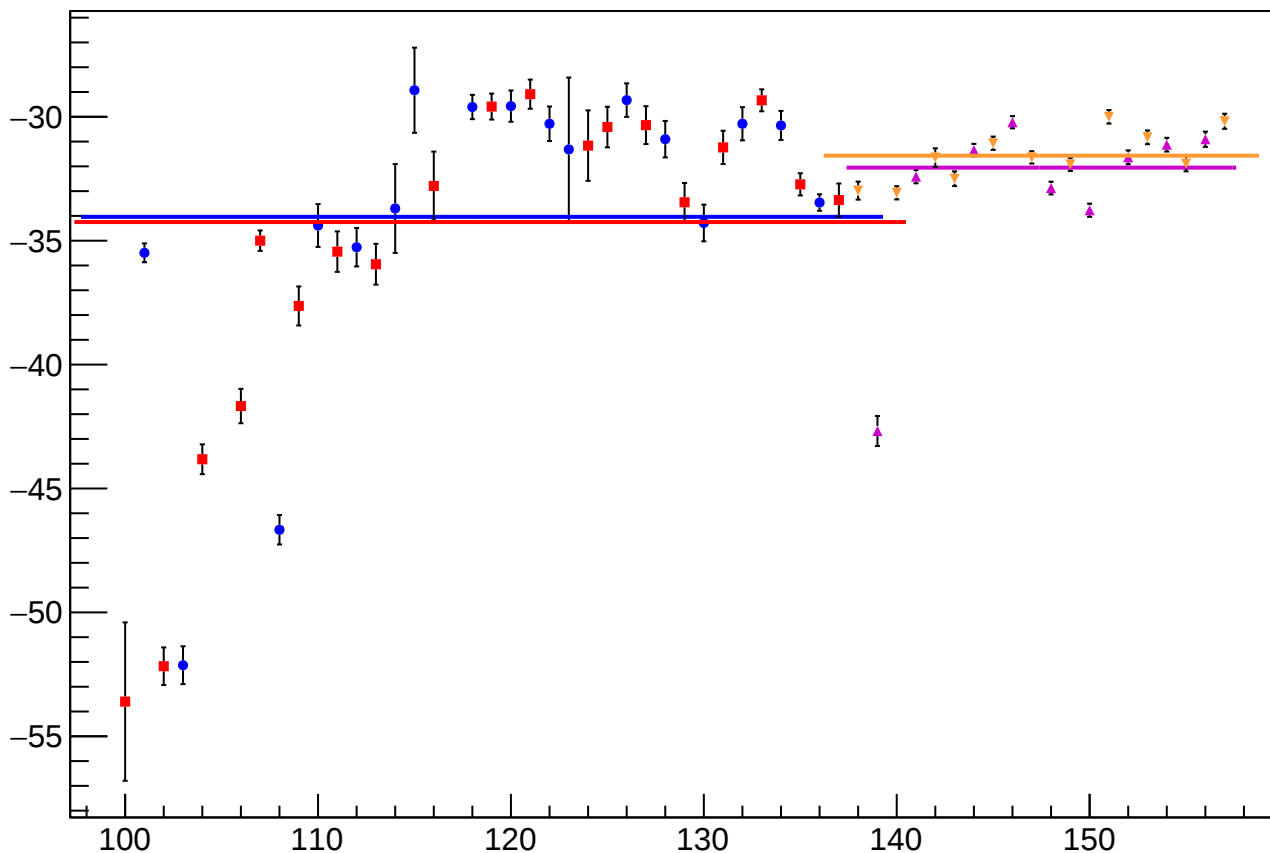
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -12.586 ± 0.130 χ^2/NDF : 877.1/8

Out: -13.615 ± 0.123 χ^2/NDF : 409.1/10

All: -13.130 ± 0.089 χ^2/NDF : 1319.2/19

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.568 ± 0.087 χ^2/NDF : 123.1/10

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -32.052 ± 0.094 χ^2/NDF : 451.8/8

Left: -31.792 ± 0.064 χ^2/NDF : 589.1/19

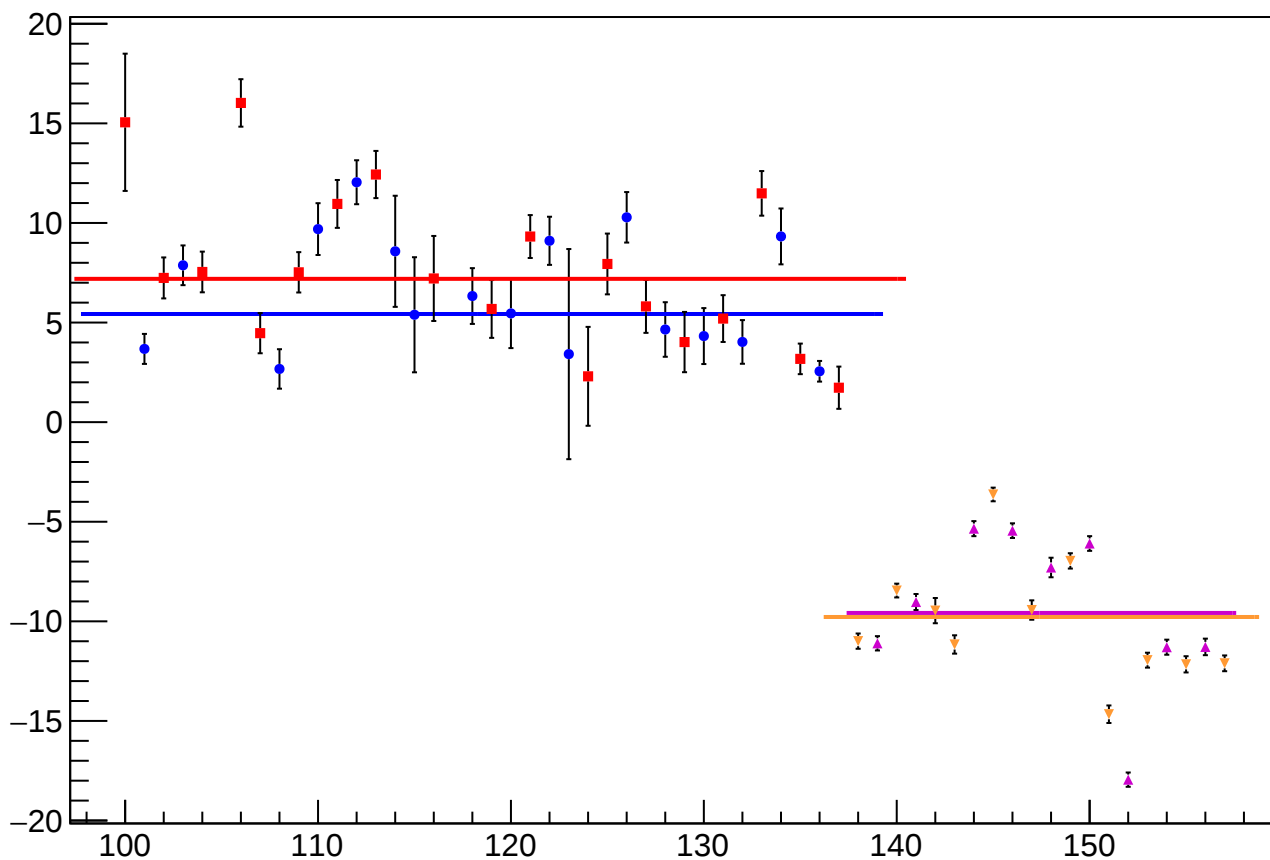
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -32.606 ± 0.080 χ^2/NDF : 1919.7/25

Out: -32.241 ± 0.075 χ^2/NDF : 1717.5/29

All: -32.414 ± 0.055 χ^2/NDF : 3648.2/55

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: -9.782 ± 0.123 $\chi^2/\text{NDF}: 634.4/10$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -9.579 ± 0.129 $\chi^2/\text{NDF}: 963.3/8$

Left: -9.685 ± 0.089 $\chi^2/\text{NDF}: 1599.0/19$

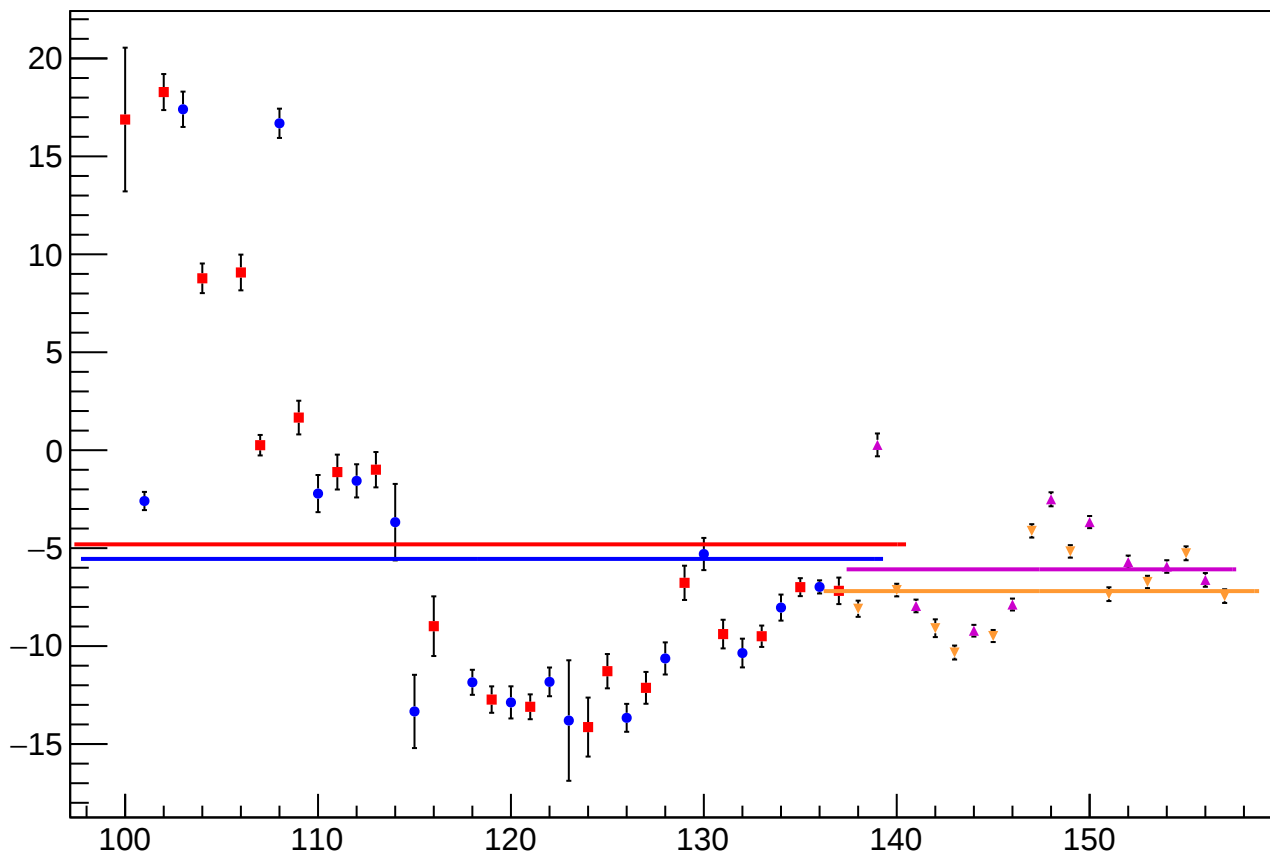
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -6.798 ± 0.116 $\chi^2/\text{NDF}: 3615.2/25$

Out: -6.950 ± 0.112 $\chi^2/\text{NDF}: 4014.3/29$

All: -6.877 ± 0.081 $\chi^2/\text{NDF}: 7630.4/55$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.193 ± 0.105 χ^2/NDF : 308.2/10

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.082 ± 0.112 χ^2/NDF : 460.6/8

Left: -6.676 ± 0.077 χ^2/NDF : 821.3/19

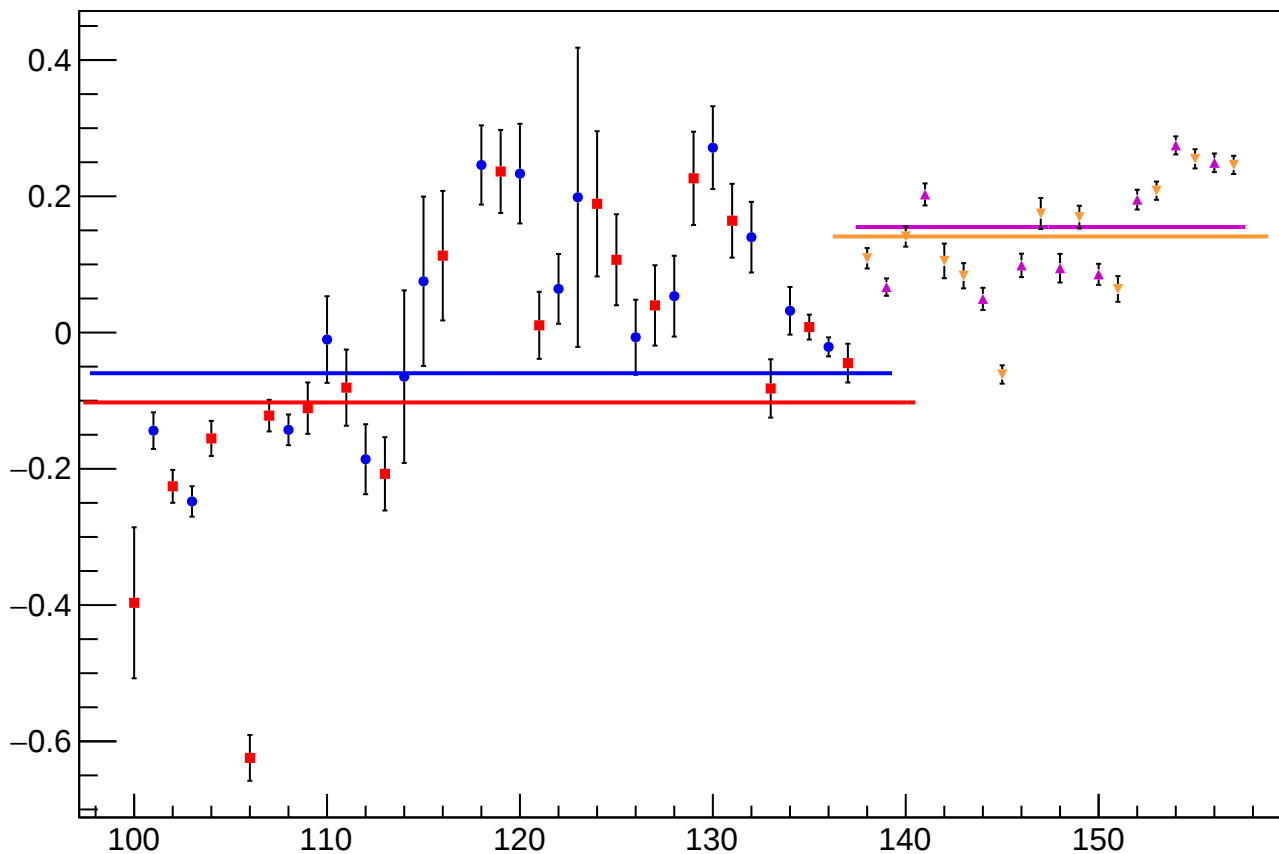
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.920 ± 0.094 χ^2/NDF : 2594.0/25

Out: -6.552 ± 0.090 χ^2/NDF : 2496.1/29

All: -6.250 ± 0.065 χ^2/NDF : 5113.8/55

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: 0.141 ± 0.005 χ^2/NDF : 417.4/10

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.155 ± 0.005 χ^2/NDF : 274.4/8

Left: 0.148 ± 0.003 χ^2/NDF : 695.8/19

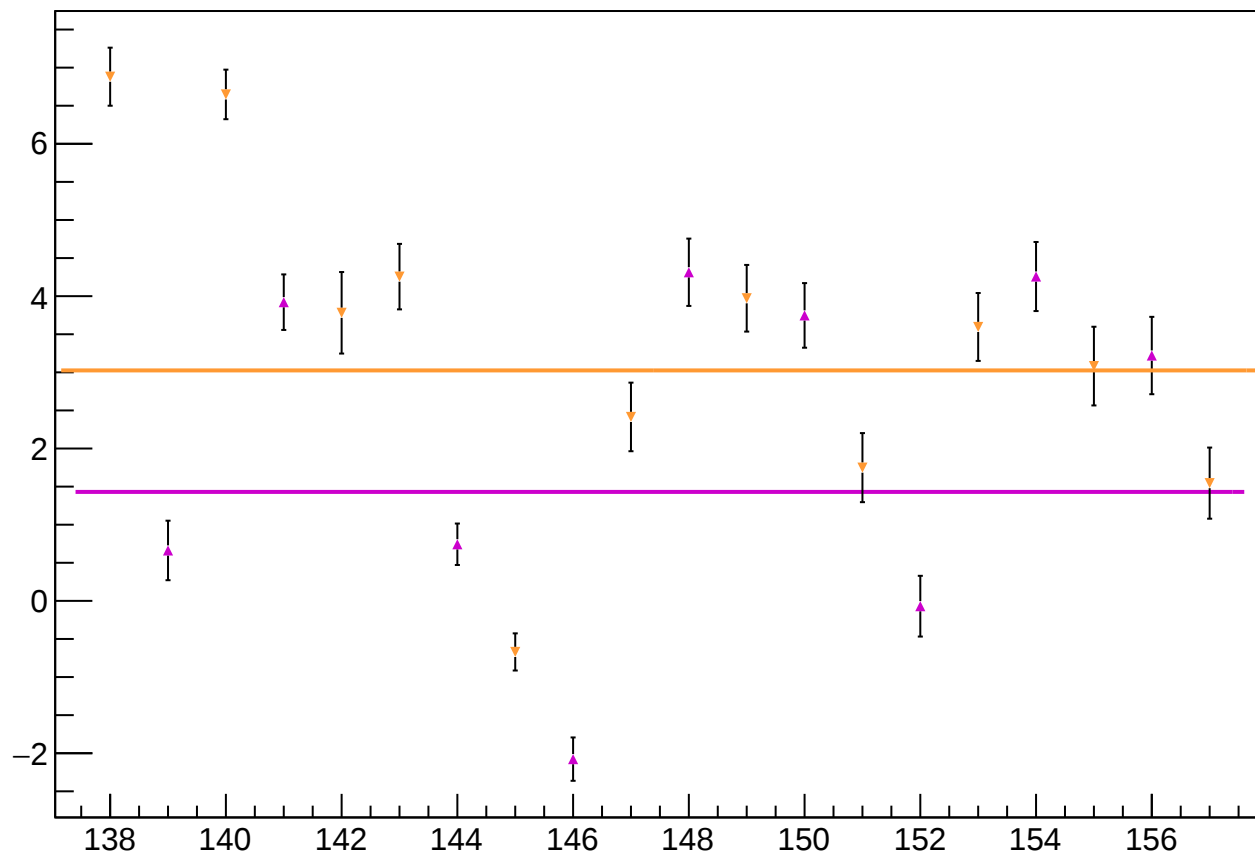
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.098 ± 0.004 χ^2/NDF : 971.2/25

Out: 0.081 ± 0.004 χ^2/NDF : 1484.9/29

All: 0.089 ± 0.003 χ^2/NDF : 2463.8/55

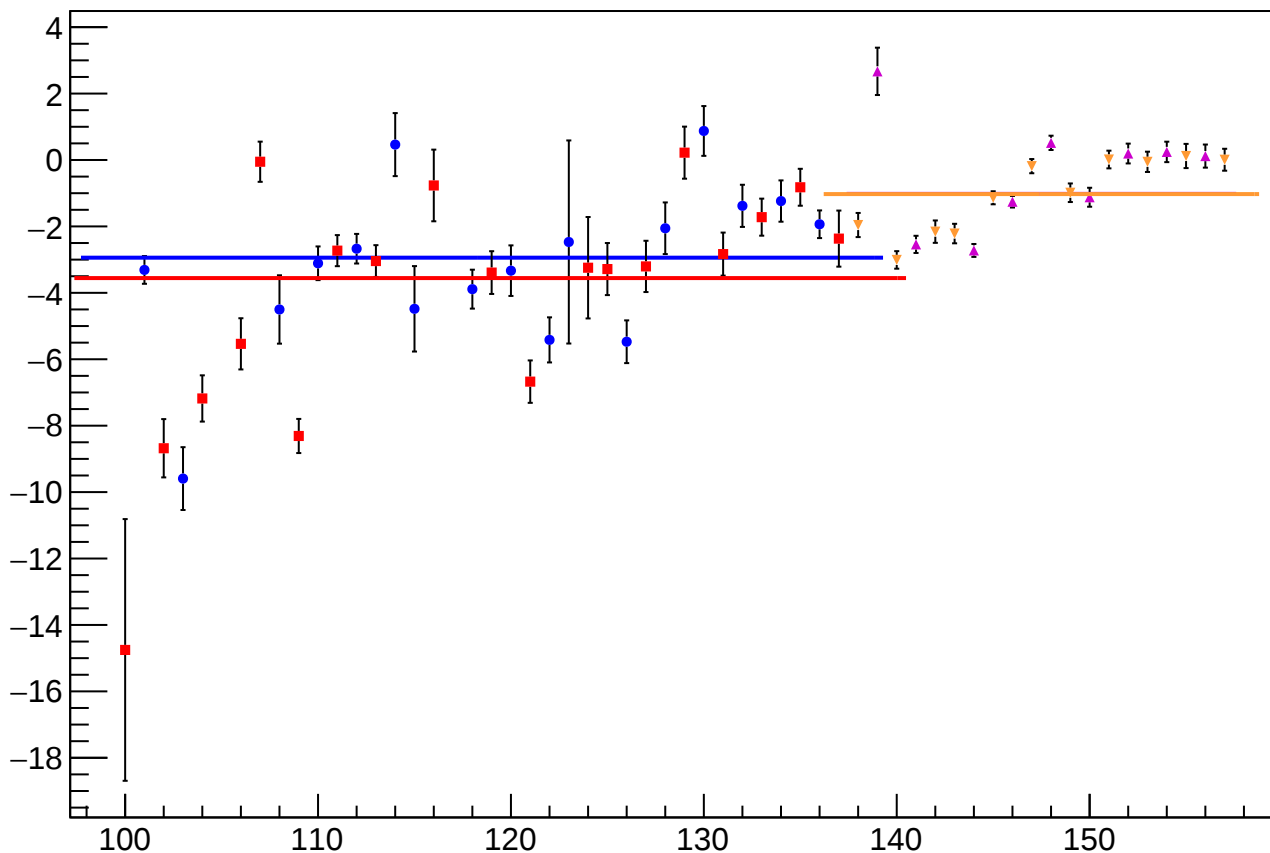
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.025+/-0.119 χ^2/NDF :492.4/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.430+/-0.123 χ^2/NDF :346.8/8

Left: 2.256+/-0.086 χ^2/NDF : 925.7/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.430+/-0.123 χ^2/NDF :346.8/8
 Out: 3.025+/-0.119 χ^2/NDF :492.4/10
 All: 2.256+/-0.086 χ^2/NDF : 925.7/19

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: -1.026 ± 0.083 χ^2/NDF : 151.5/10

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.020 ± 0.084 χ^2/NDF : 235.1/8

Left: -1.023 ± 0.059 χ^2/NDF : 386.6/19

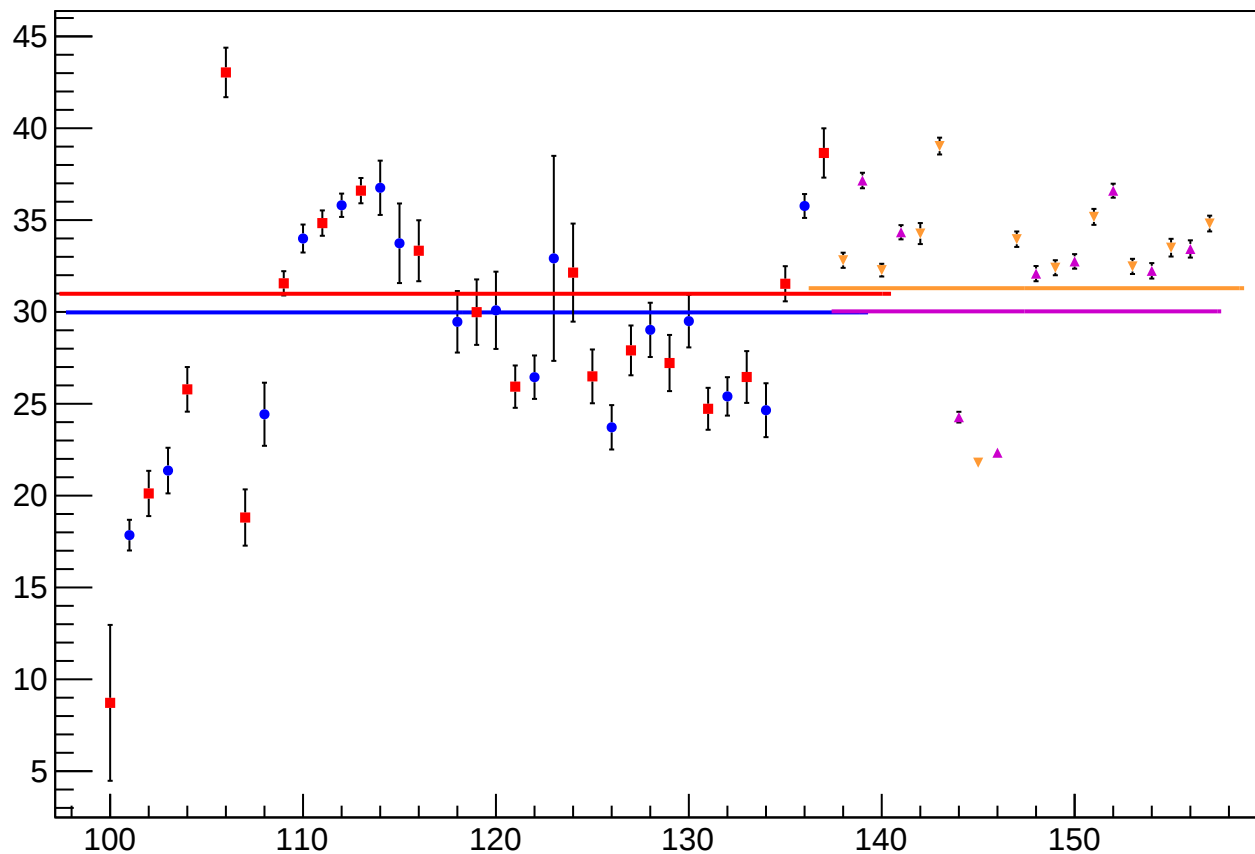
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.464 ± 0.074 χ^2/NDF : 500.0/25

Out: -1.595 ± 0.073 χ^2/NDF : 650.9/29

All: -1.530 ± 0.052 χ^2/NDF : 1152.5/55

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: 31.292 $\pm$ 0.120 χ^2/NDF :1895.0/10

Right Out: 30.989 $\pm$ 0.260 χ^2/NDF : 481.0/18

Left In: 30.031 $\pm$ 0.122 χ^2/NDF :2040.2/8

Left: 30.674 $\pm$ 0.086 χ^2/NDF : 3989.2/19

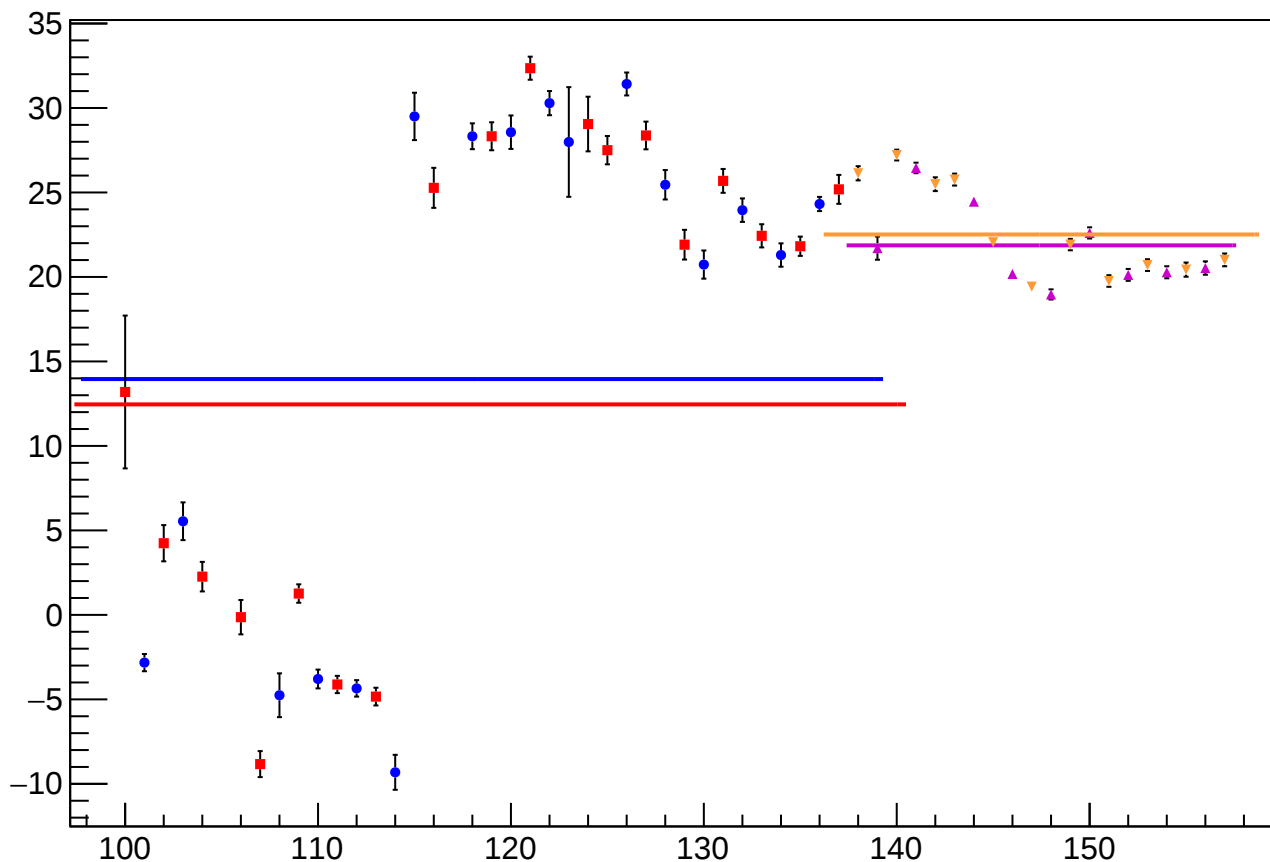
Right: 30.495 $\pm$ 0.186 χ^2/NDF : 1042.4/35

In: 30.021 $\pm$ 0.111 χ^2/NDF :2594.1/25

Out: 31.239 $\pm$ 0.109 χ^2/NDF :2377.1/29

All: 30.643 $\pm$ 0.078 χ^2/NDF : 5032.3/55

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.514 $\pm$ 0.101 χ^2 /NDF:675.9/10

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 21.870 $\pm$ 0.103 χ^2 /NDF:555.2/8

Left: 22.199 $\pm$ 0.072 χ^2 /NDF: 1251.1/19

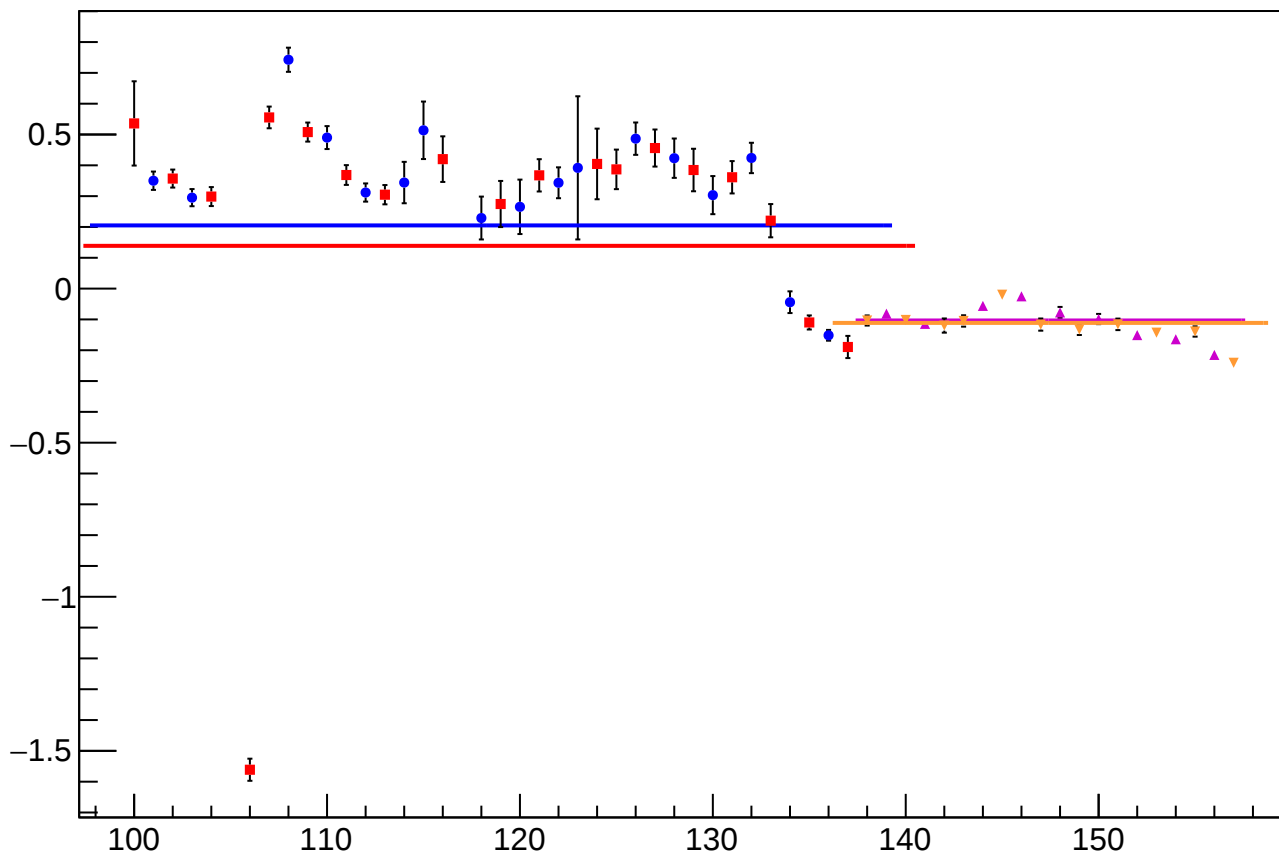
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.787 $\pm$ 0.088 χ^2 /NDF:9457.8/25

Out: 19.980 $\pm$ 0.087 χ^2 /NDF:10165.3/29

All: 19.885 $\pm$ 0.062 χ^2 /NDF: 19625.5/55

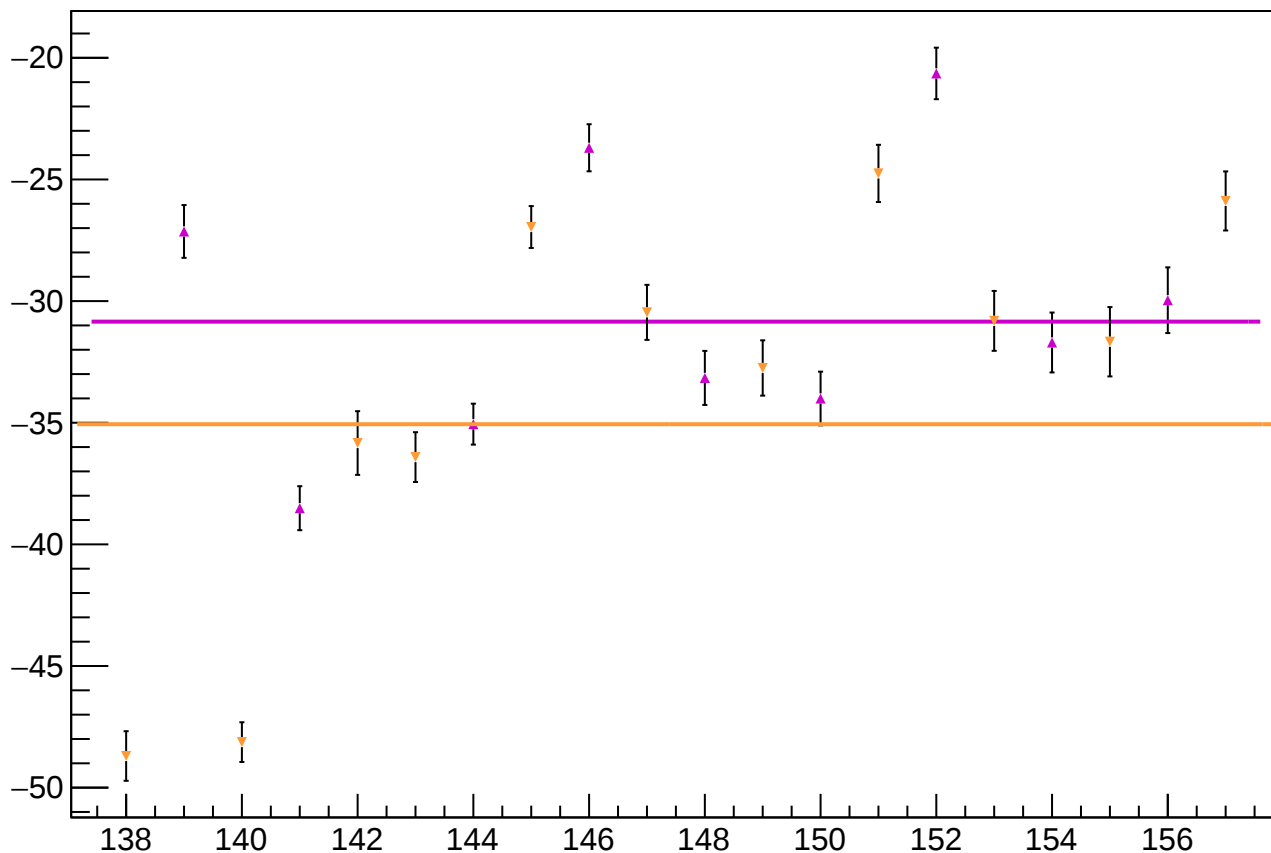
reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$
 Left Out: -0.111 ± 0.005 $\chi^2/\text{NDF}: 170.4/10$
 Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$
 Left In: -0.103 ± 0.005 $\chi^2/\text{NDF}: 135.7/8$

Left: -0.108 ± 0.003 $\chi^2/\text{NDF}: 307.5/19$
 Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$
 In: -0.036 ± 0.004 $\chi^2/\text{NDF}: 1829.4/25$
 Out: -0.058 ± 0.004 $\chi^2/\text{NDF}: 3769.9/29$
 All: -0.048 ± 0.003 $\chi^2/\text{NDF}: 5612.7/55$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.061+/-0.325 χ^2/NDF : 698.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.844+/-0.347 χ^2/NDF : 269.5/8

Left: -33.092+/-0.237 χ^2/NDF : 1046.2/19

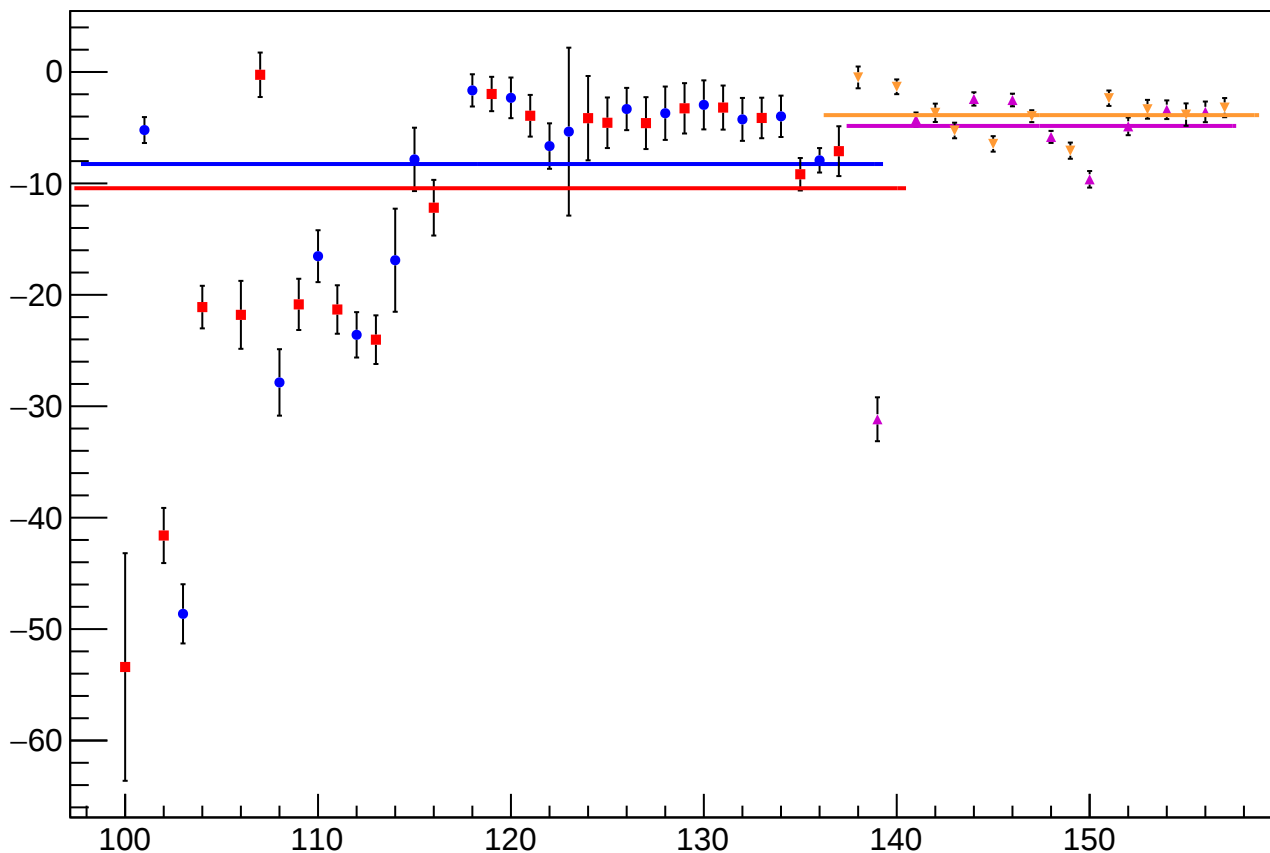
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.844+/-0.347 χ^2/NDF : 269.5/8

Out: -35.061+/-0.325 χ^2/NDF : 698.1/10

All: -33.092+/-0.237 χ^2/NDF : 1046.2/19

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.872 ± 0.223 χ^2/NDF : 69.6/10

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -4.841 ± 0.236 χ^2/NDF : 262.2/8

Left: -4.329 ± 0.162 χ^2/NDF : 340.7/19

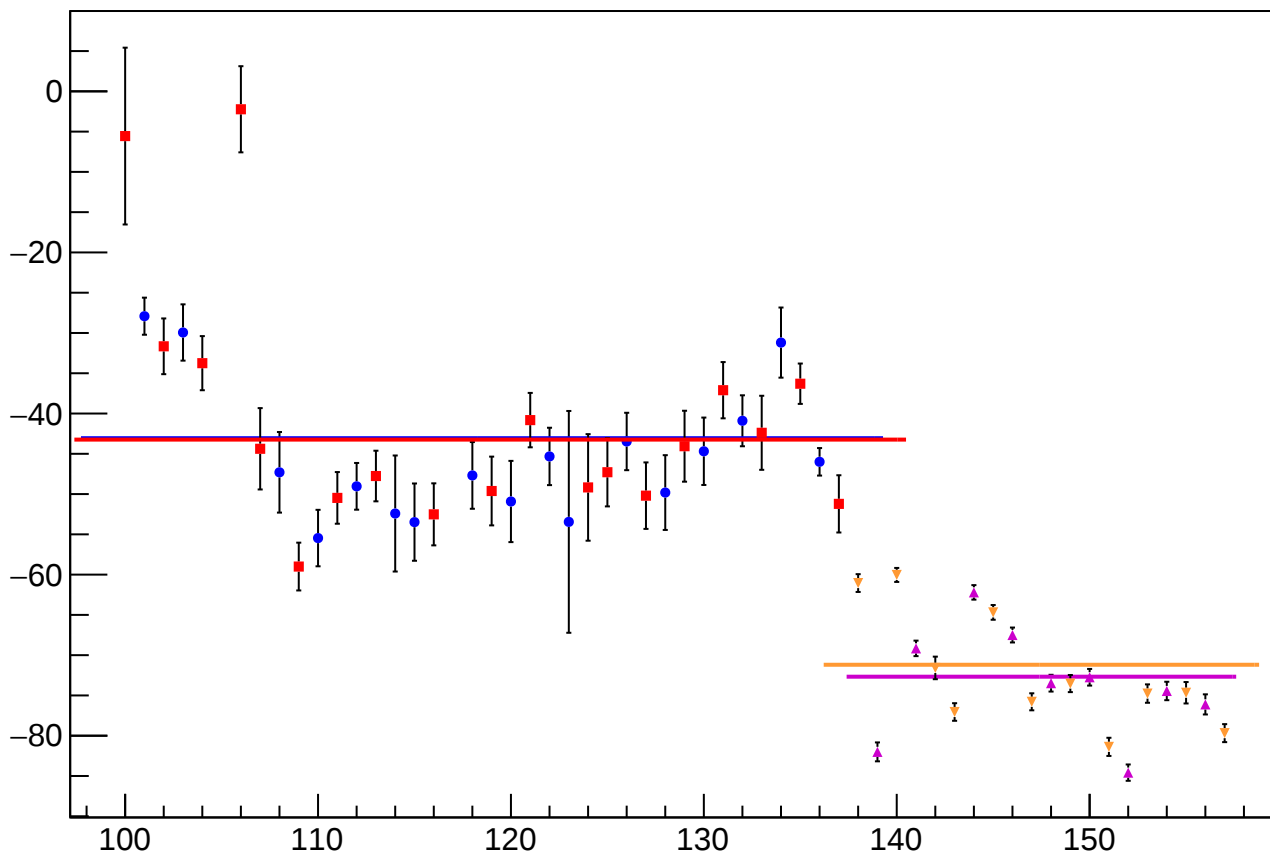
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.546 ± 0.210 χ^2/NDF : 717.5/25

Out: -4.995 ± 0.203 χ^2/NDF : 646.5/29

All: -5.261 ± 0.146 χ^2/NDF : 1367.6/55

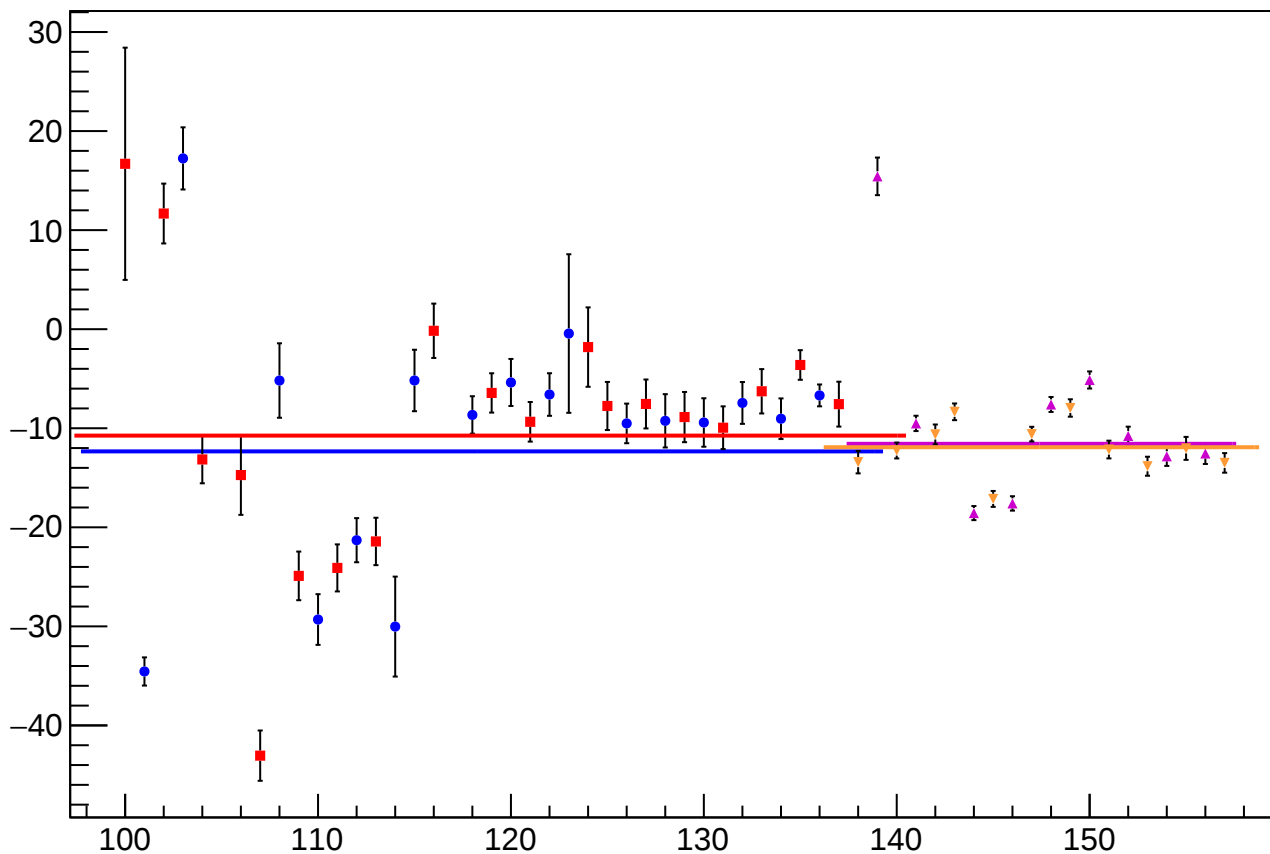
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -71.191 ± 0.326 $\chi^2/\text{NDF}: 508.3/10$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -72.673 ± 0.344 $\chi^2/\text{NDF}: 391.8/8$

Left: -71.892 ± 0.237 $\chi^2/\text{NDF}: 909.9/19$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -68.377 ± 0.318 $\chi^2/\text{NDF}: 1564.9/25$
 Out: -67.715 ± 0.305 $\chi^2/\text{NDF}: 1574.8/29$
 All: -68.032 ± 0.220 $\chi^2/\text{NDF}: 3142.0/55$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -11.916 ± 0.272 χ^2/NDF : 94.1/10

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -11.572 ± 0.289 χ^2/NDF : 461.5/8

Left: -11.754 ± 0.198 χ^2/NDF : 556.3/19

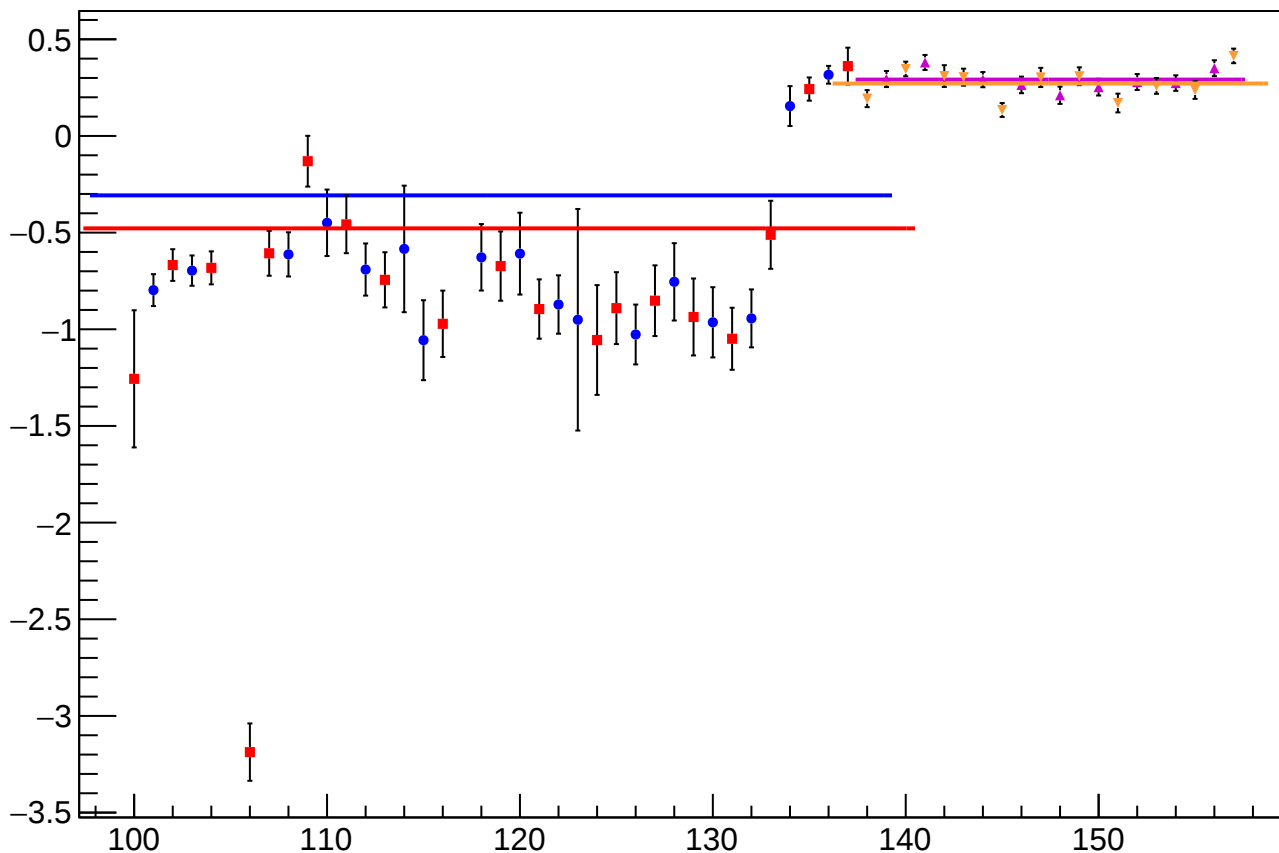
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -11.752 ± 0.252 χ^2/NDF : 938.3/25

Out: -11.688 ± 0.244 χ^2/NDF : 464.6/29

All: -11.719 ± 0.175 χ^2/NDF : 1402.8/55

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: 0.271 ± 0.013 χ^2/NDF : 43.0/10

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.291 ± 0.014 χ^2/NDF : 12.0/8

Left: 0.281 ± 0.009 χ^2/NDF : 56.2/19

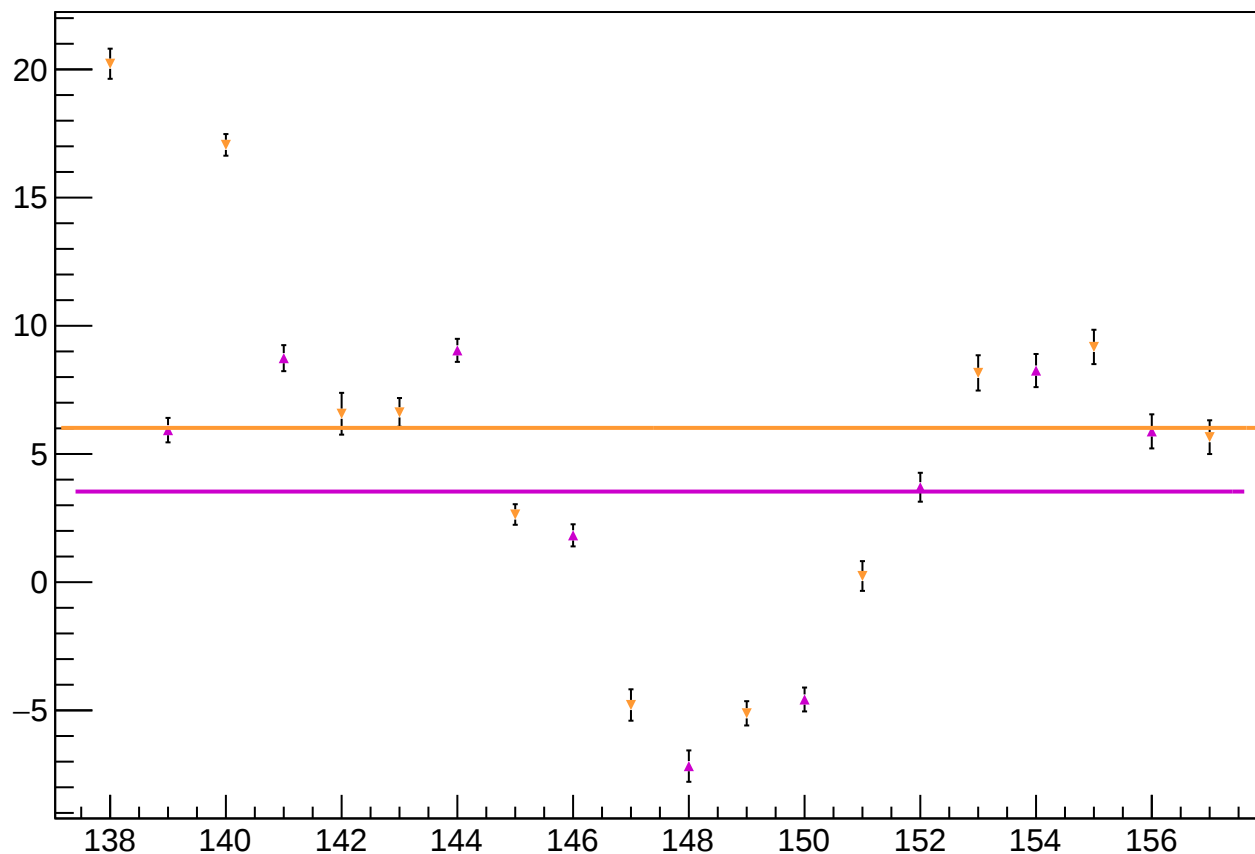
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.171 ± 0.012 χ^2/NDF : 762.7/25

Out: 0.142 ± 0.012 χ^2/NDF : 1245.2/29

All: 0.156 ± 0.009 χ^2/NDF : 2010.9/55

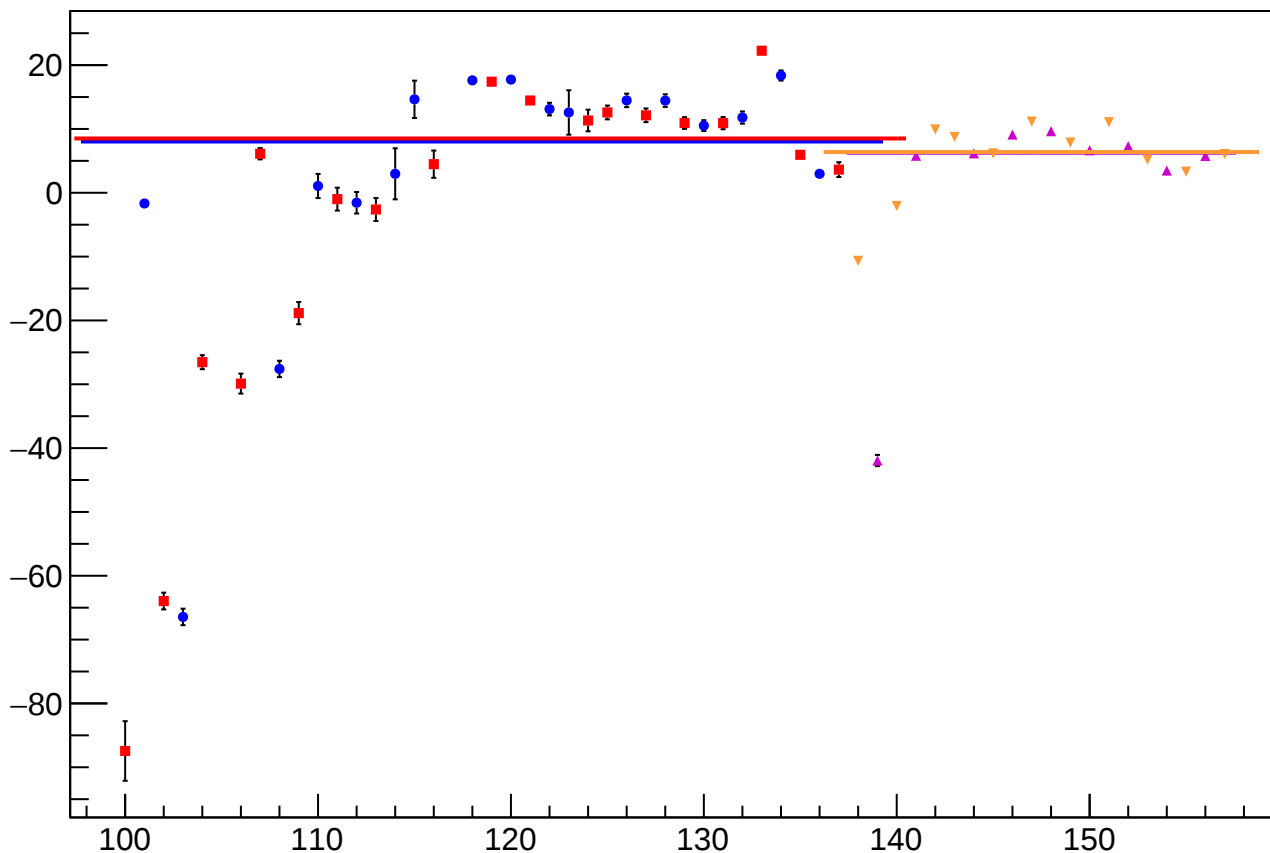
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.018 $\pm$ 0.166 χ^2 /NDF:2335.6/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.534 $\pm$ 0.172 χ^2 /NDF:971.2/8

Left: 4.820 $\pm$ 0.120 χ^2 /NDF: 3414.3/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.534 $\pm$ 0.172 χ^2 /NDF:971.2/8
 Out: 6.018 $\pm$ 0.166 χ^2 /NDF:2335.6/10
 All: 4.820 $\pm$ 0.120 χ^2 /NDF: 3414.3/19

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 6.386 $\pm$ 0.116 χ^2 /NDF:2004.7/10

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 6.274 $\pm$ 0.121 χ^2 /NDF:3285.5/8

Left: 6.333 $\pm$ 0.084 χ^2 /NDF: 5290.6/19

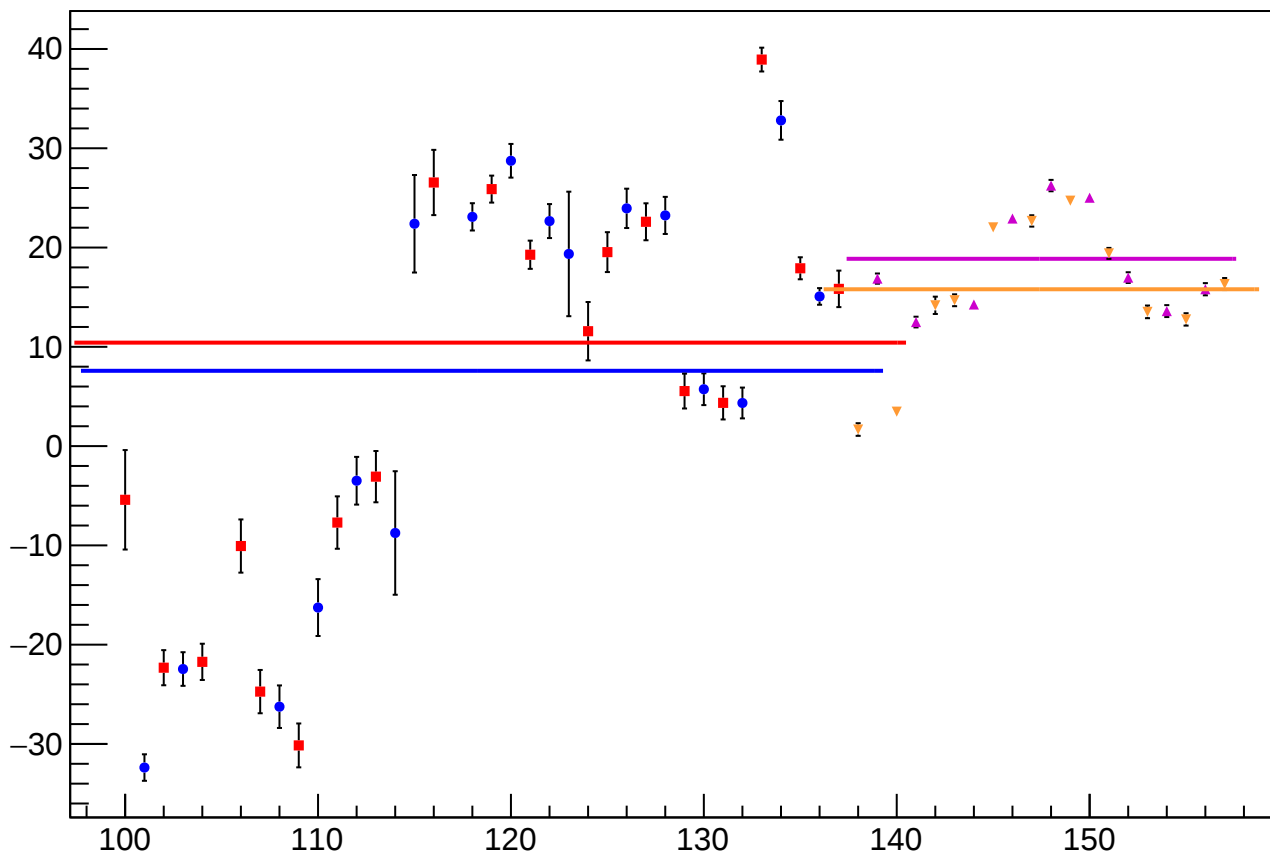
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 6.699 $\pm$ 0.106 χ^2 /NDF:8706.5/25

Out: 6.869 $\pm$ 0.102 χ^2 /NDF:8794.7/29

All: 6.787 $\pm$ 0.073 χ^2 /NDF: 17502.6/55

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: 15.798 ± 0.166 χ^2/NDF : 2095.7/10

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 18.866 ± 0.170 χ^2/NDF : 820.1/8

Left: 17.295 ± 0.119 χ^2/NDF : 3082.2/19

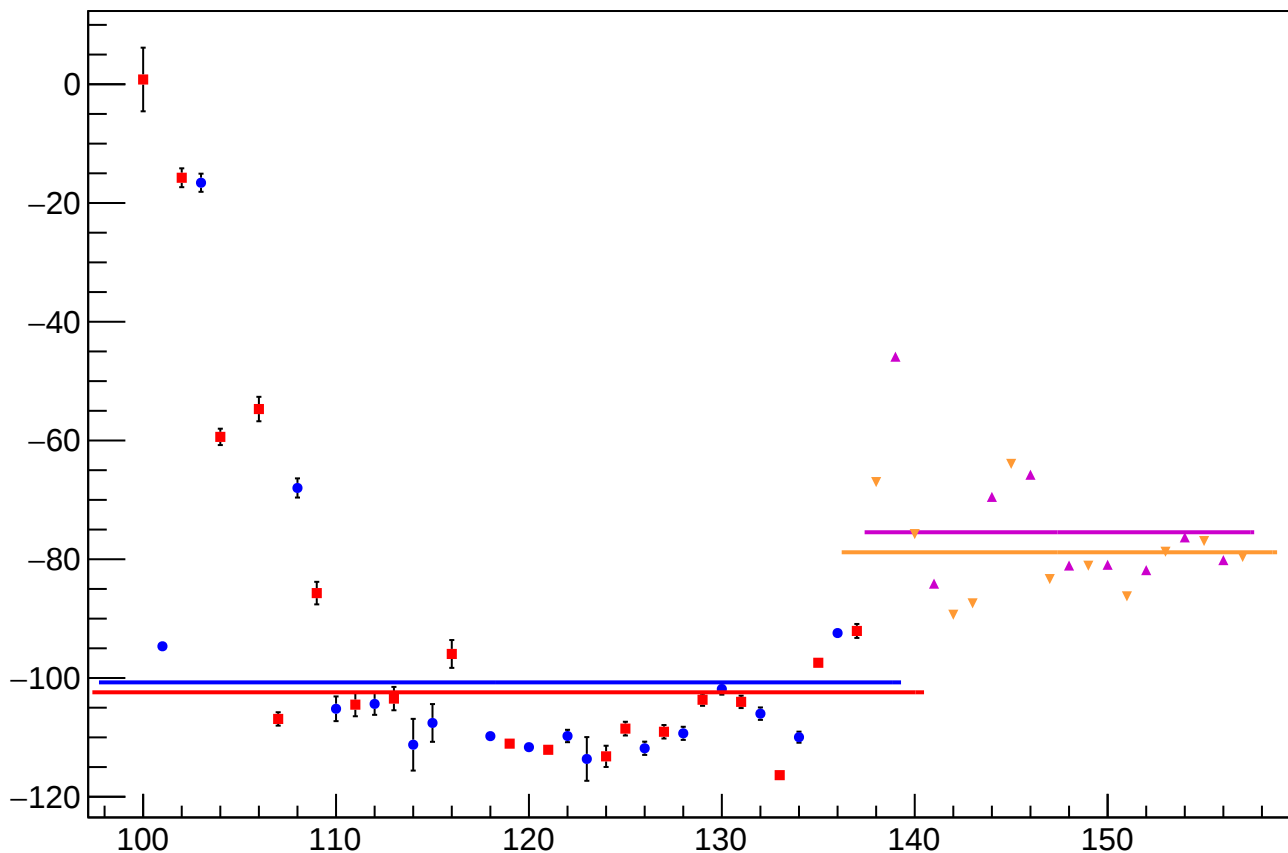
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.249 ± 0.158 χ^2/NDF : 3772.0/25

Out: 15.058 ± 0.154 χ^2/NDF : 4529.2/29

All: 16.131 ± 0.110 χ^2/NDF : 8399.9/55

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -78.825+/-0.140 χ^2/NDF : 2988.2/10

Right Out: -102.408+/-0.246 χ^2/NDF : 6088.0/18

Left In: -75.453+/-0.146 χ^2/NDF : 3299.7/8

Left: -77.213+/-0.101 χ^2/NDF : 6565.1/19

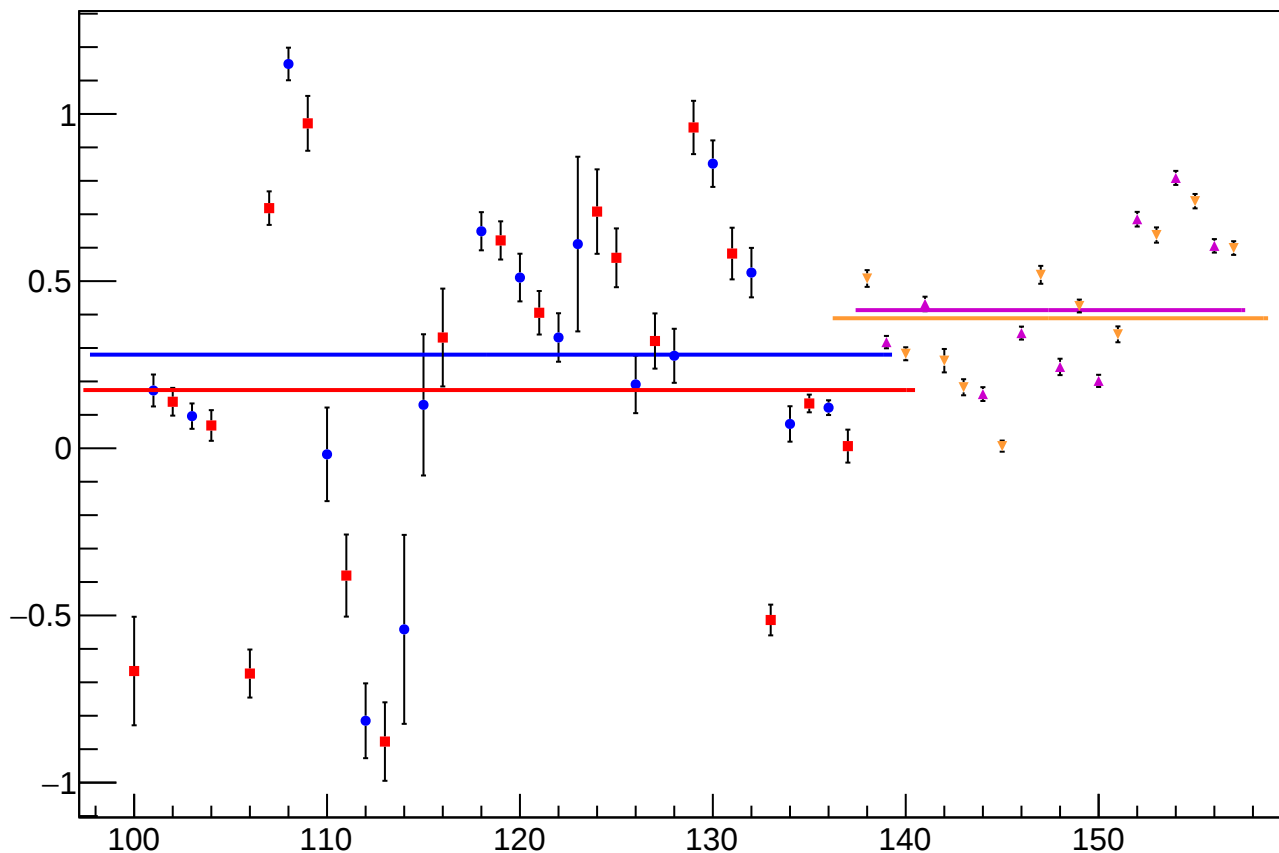
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -81.971+/-0.126 χ^2/NDF : 15515.3/25

Out: -84.601+/-0.122 χ^2/NDF : 16023.8/29

All: -83.332+/-0.088 χ^2/NDF : 31764.4/55

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: 0.389 ± 0.007 χ^2/NDF : 1185.6/10

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.413 ± 0.007 χ^2/NDF : 966.7/8

Left: 0.401 ± 0.005 χ^2/NDF : 2158.8/19

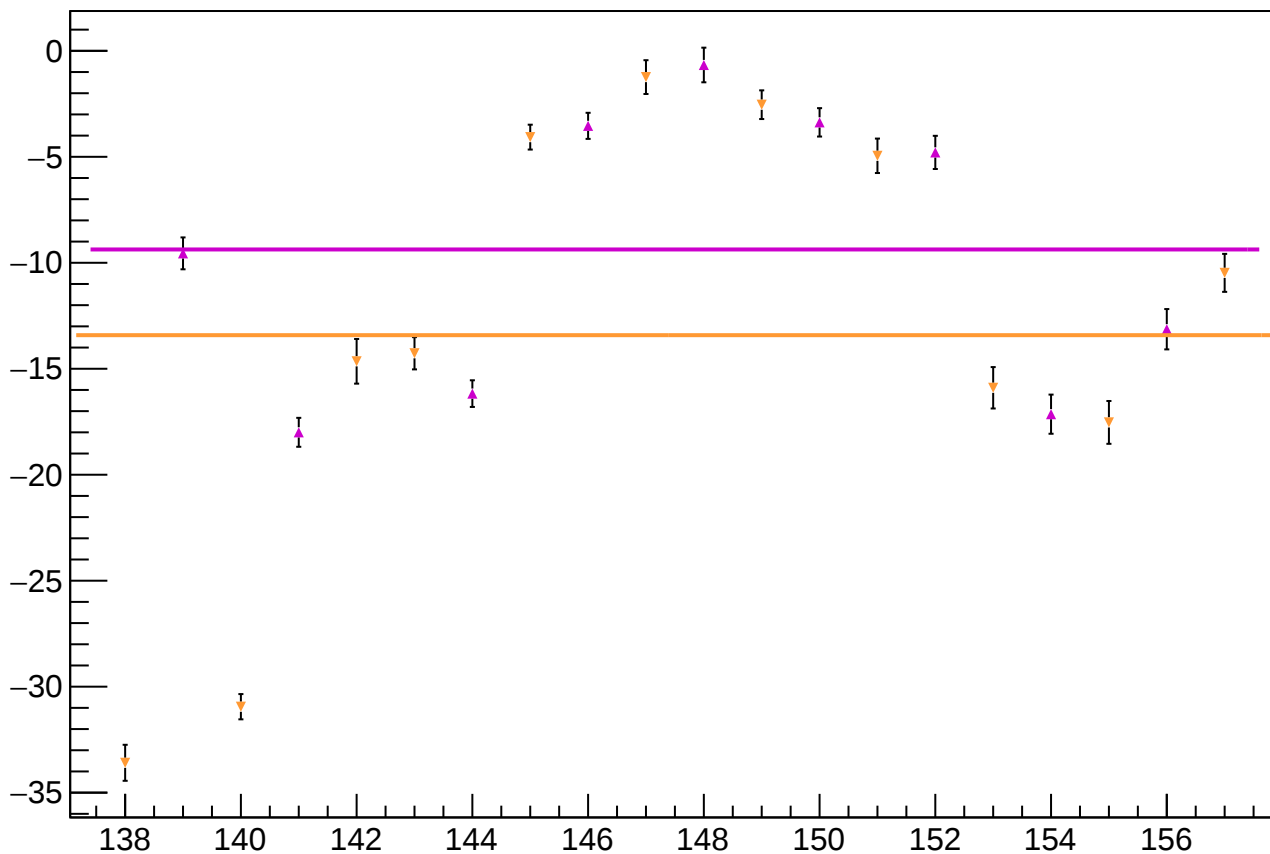
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.386 ± 0.006 χ^2/NDF : 1700.8/25

Out: 0.347 ± 0.006 χ^2/NDF : 2355.1/29

All: 0.366 ± 0.004 χ^2/NDF : 4077.1/55

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



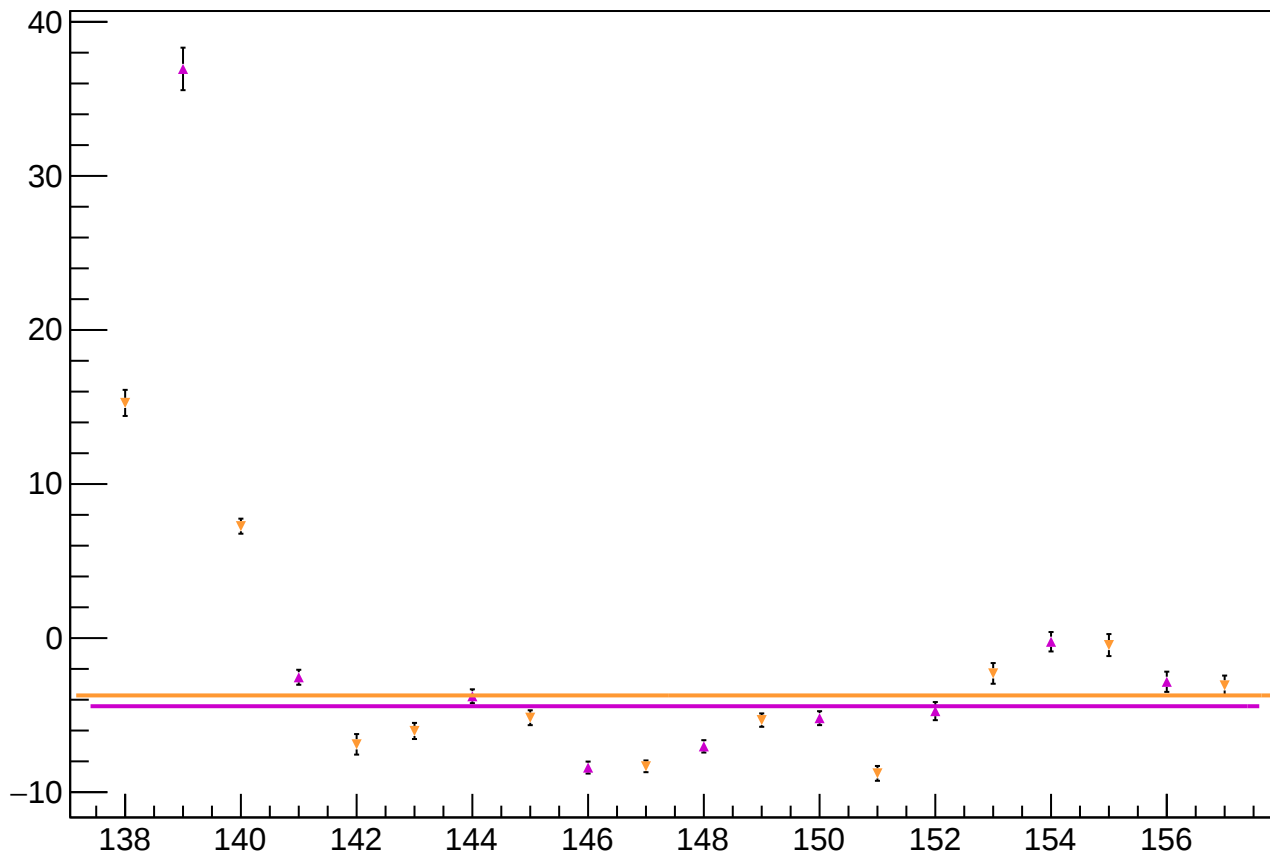
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.416+/-0.234 χ^2/NDF :2319.4/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.372+/-0.245 χ^2/NDF :680.7/8

Left: -11.484+/-0.169 χ^2/NDF : 3142.9/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.372+/-0.245 χ^2/NDF :680.7/8
 Out: -13.416+/-0.234 χ^2/NDF :2319.4/10

All: -11.484+/-0.169 χ^2/NDF : 3142.9/19

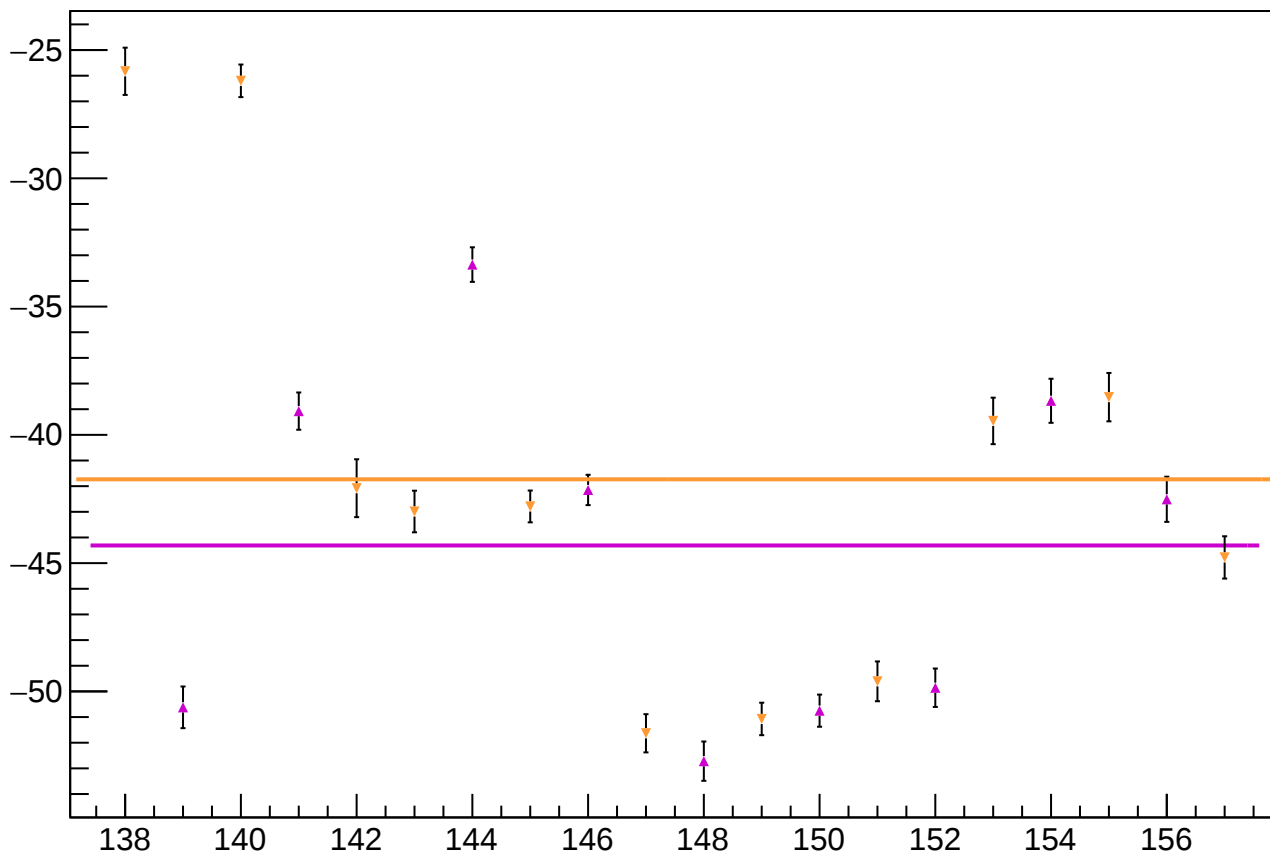
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.721+/-0.160 χ^2/NDF :1354.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.421+/-0.169 χ^2/NDF :1116.5/8

Left: -4.053+/-0.116 χ^2/NDF : 2480.1/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.421+/-0.169 χ^2/NDF :1116.5/8
 Out: -3.721+/-0.160 χ^2/NDF :1354.5/10
 All: -4.053+/-0.116 χ^2/NDF : 2480.1/19

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: -41.733 ± 0.234 χ^2/NDF : 1431.3/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -44.311 ± 0.241 χ^2/NDF : 718.0/8

Left: -42.979 ± 0.168 χ^2/NDF : 2208.2/19

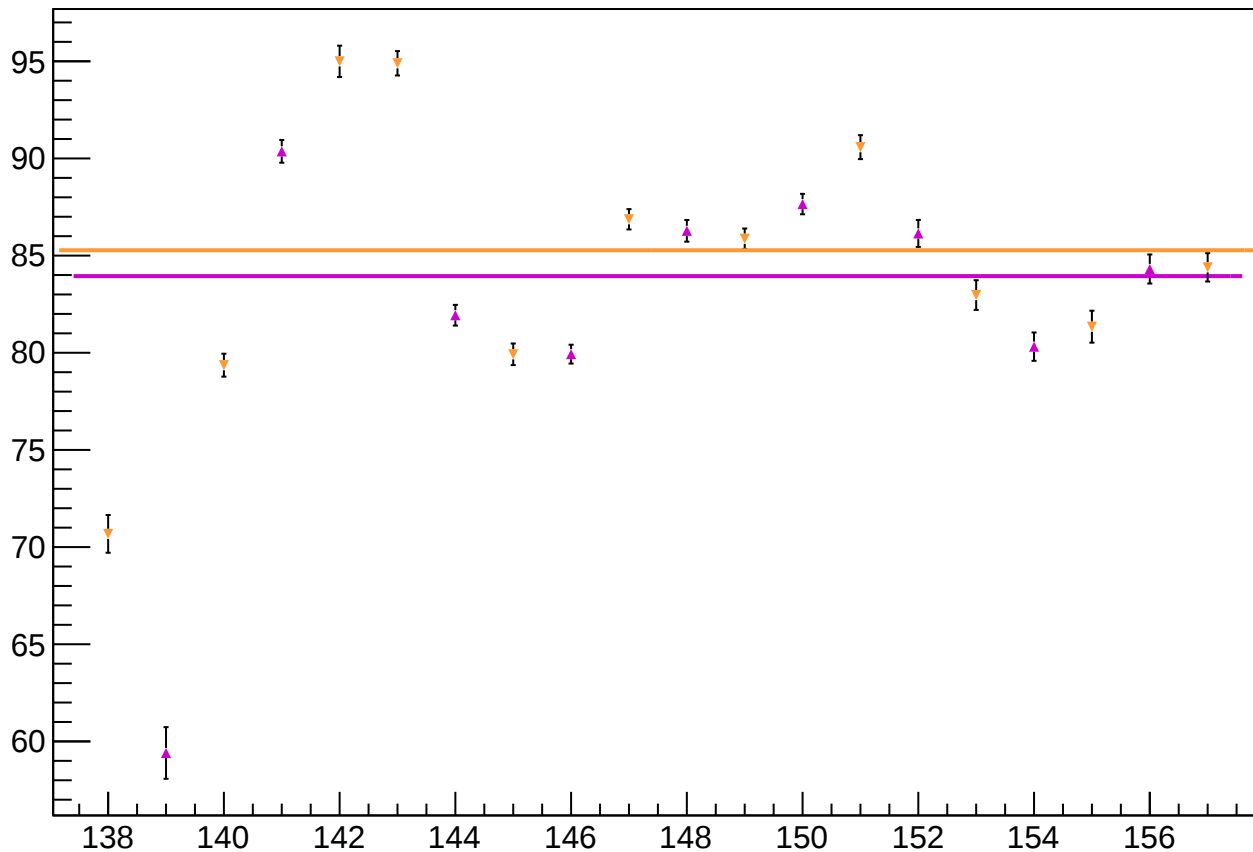
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -44.311 ± 0.241 χ^2/NDF : 718.0/8

Out: -41.733 ± 0.234 χ^2/NDF : 1431.3/10

All: -42.979 ± 0.168 χ^2/NDF : 2208.2/19

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 85.276+/-0.195 χ^2/NDF : 917.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 83.945+/-0.205 χ^2/NDF : 646.1/8

Left: 84.642+/-0.141 χ^2/NDF : 1586.0/19

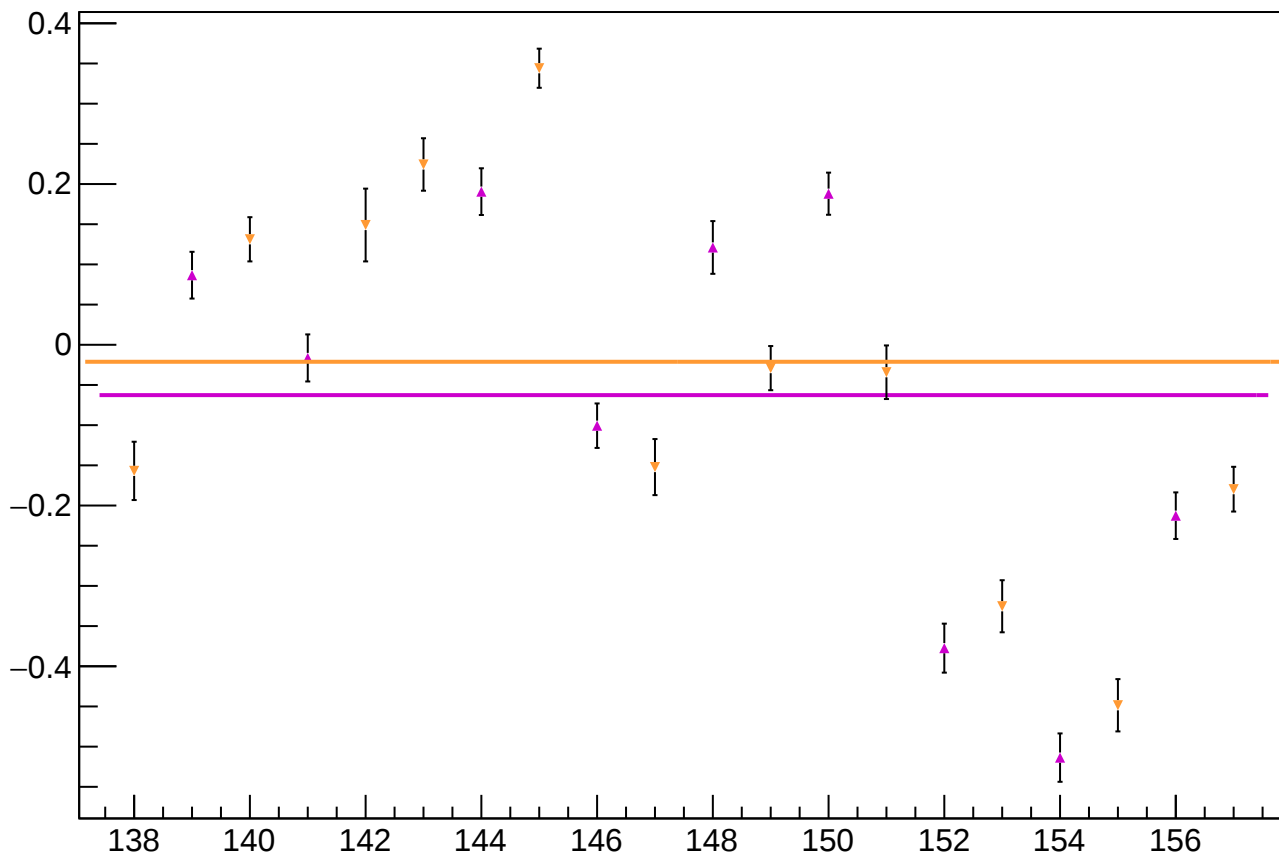
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.945+/-0.205 χ^2/NDF : 646.1/8

Out: 85.276+/-0.195 χ^2/NDF : 917.8/10

All: 84.642+/-0.141 χ^2/NDF : 1586.0/19

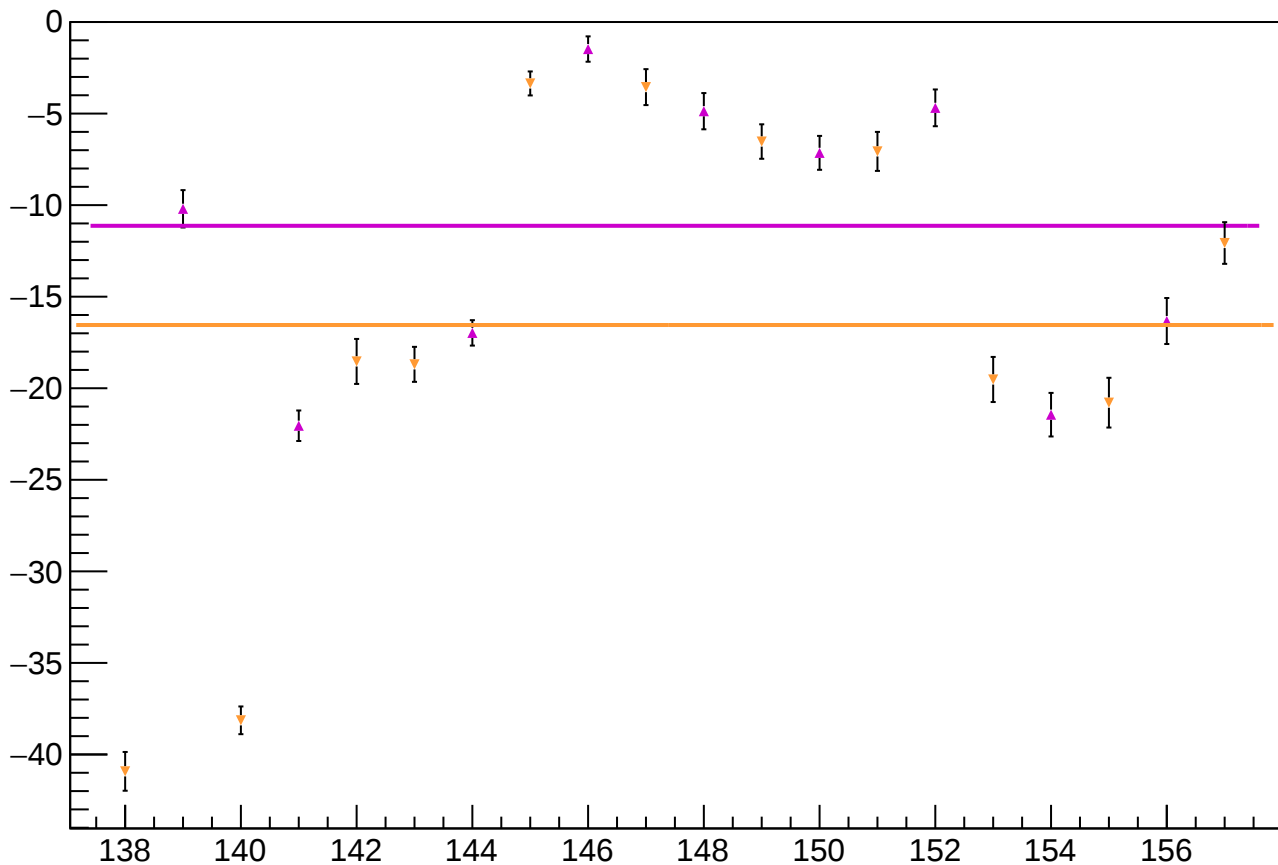
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.021+/-0.009 χ^2/NDF : 647.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.063+/-0.010 χ^2/NDF : 587.5/8

Left: -0.041+/-0.007 χ^2/NDF : 1244.8/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.063+/-0.010 χ^2/NDF : 587.5/8
 Out: -0.021+/-0.009 χ^2/NDF : 647.9/10
 All: -0.041+/-0.007 χ^2/NDF : 1244.8/19

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.547+/-0.292 χ^2/NDF :2155.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.128+/-0.300 χ^2/NDF :630.1/8

Left: -13.916+/-0.209 χ^2/NDF : 2953.5/19

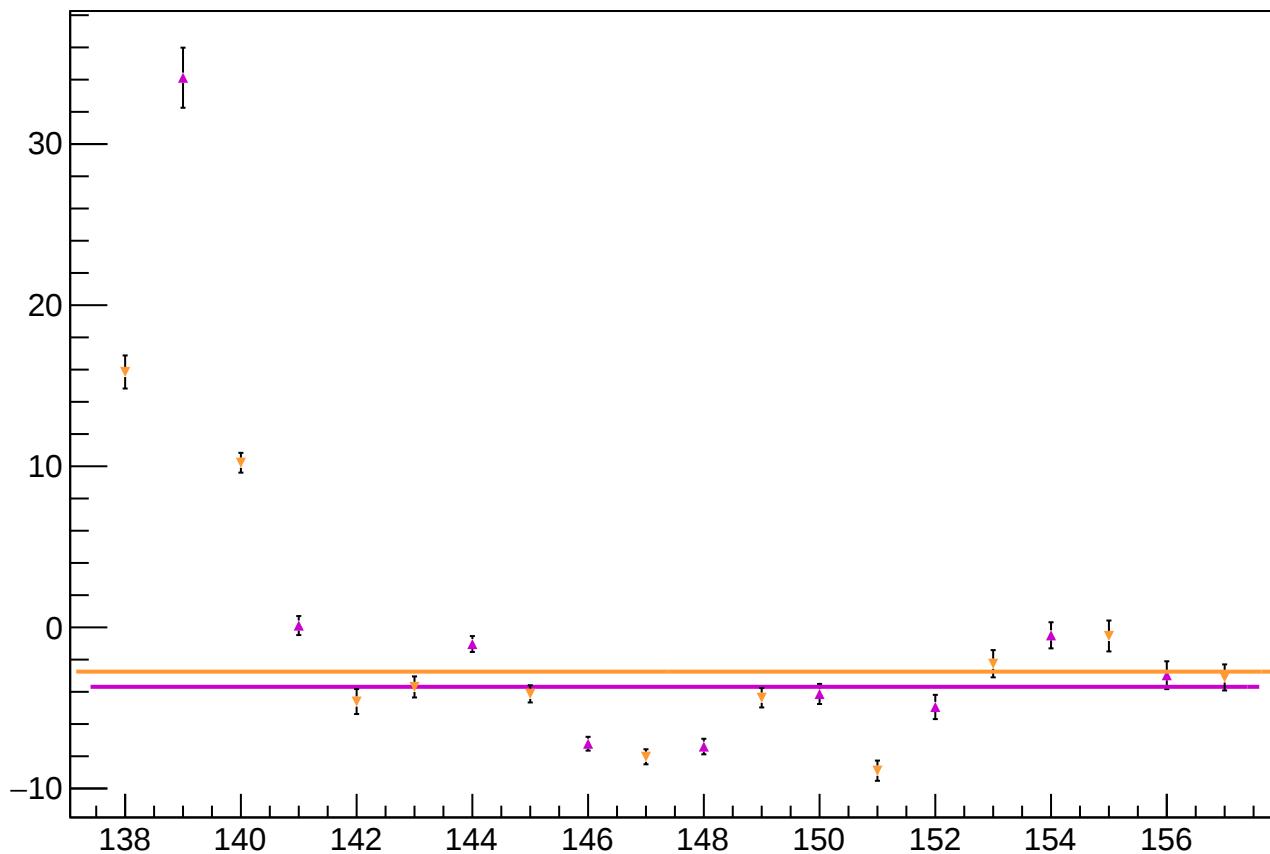
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.128+/-0.300 χ^2/NDF :630.1/8

Out: -16.547+/-0.292 χ^2/NDF :2155.9/10

All: -13.916+/-0.209 χ^2/NDF : 2953.5/19

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.747+/-0.200 χ^2/NDF :1025.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.689+/-0.203 χ^2/NDF :627.5/8

Left: -3.210+/-0.143 χ^2/NDF : 1663.7/19

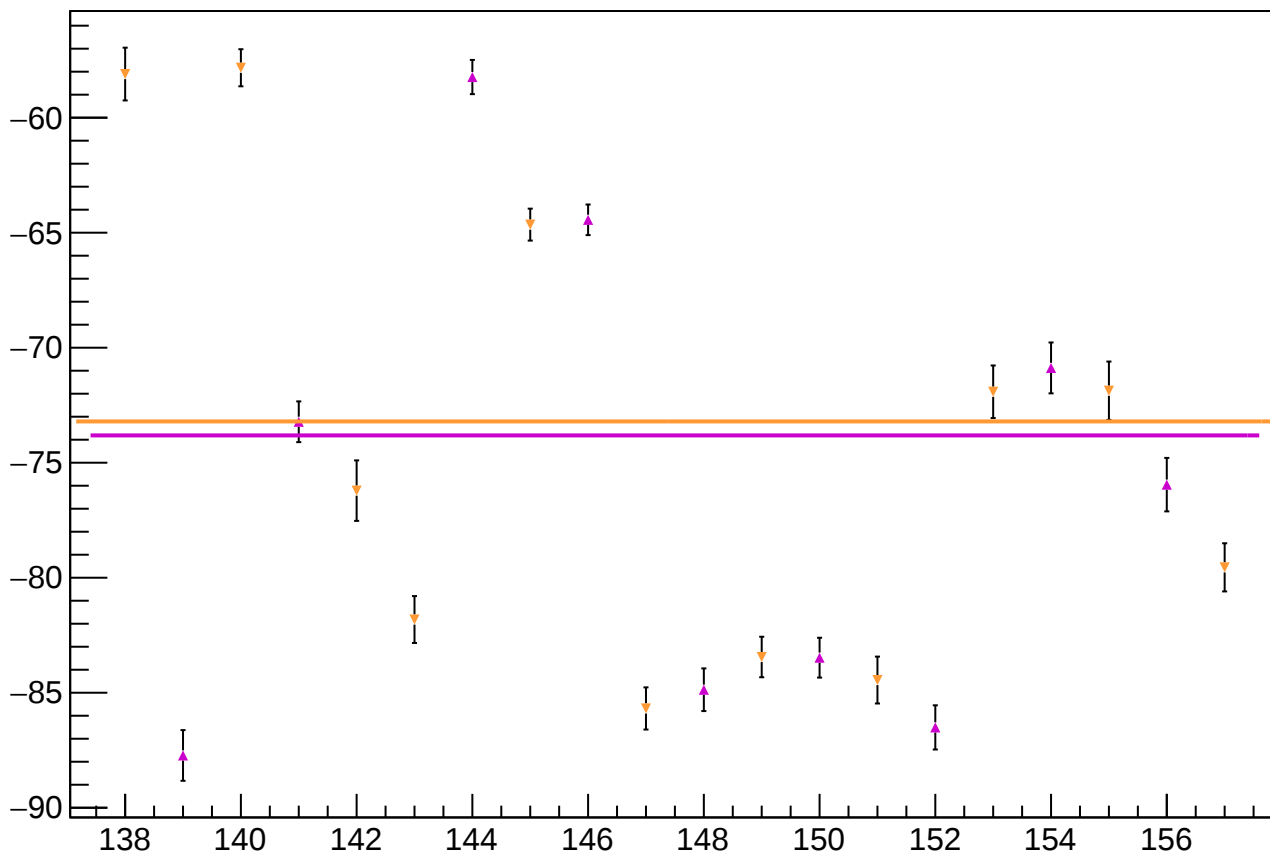
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.689+/-0.203 χ^2/NDF :627.5/8

Out: -2.747+/-0.200 χ^2/NDF :1025.2/10

All: -3.210+/-0.143 χ^2/NDF : 1663.7/19

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: -73.205+/-0.293 χ^2/NDF :1247.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.813+/-0.297 χ^2/NDF :1249.3/8

Left: -73.504+/-0.209 χ^2/NDF : 2498.8/19

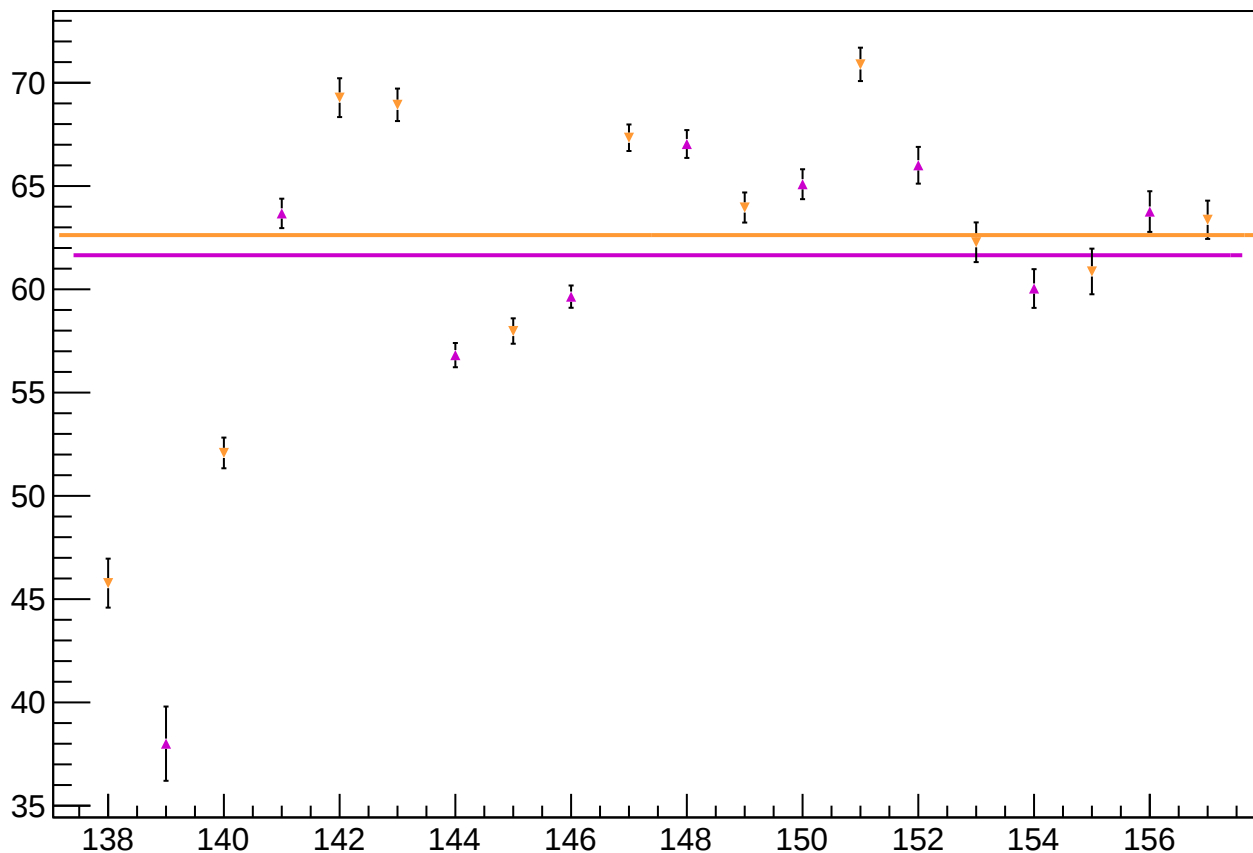
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.813+/-0.297 χ^2/NDF :1249.3/8

Out: -73.205+/-0.293 χ^2/NDF :1247.3/10

All: -73.504+/-0.209 χ^2/NDF : 2498.8/19

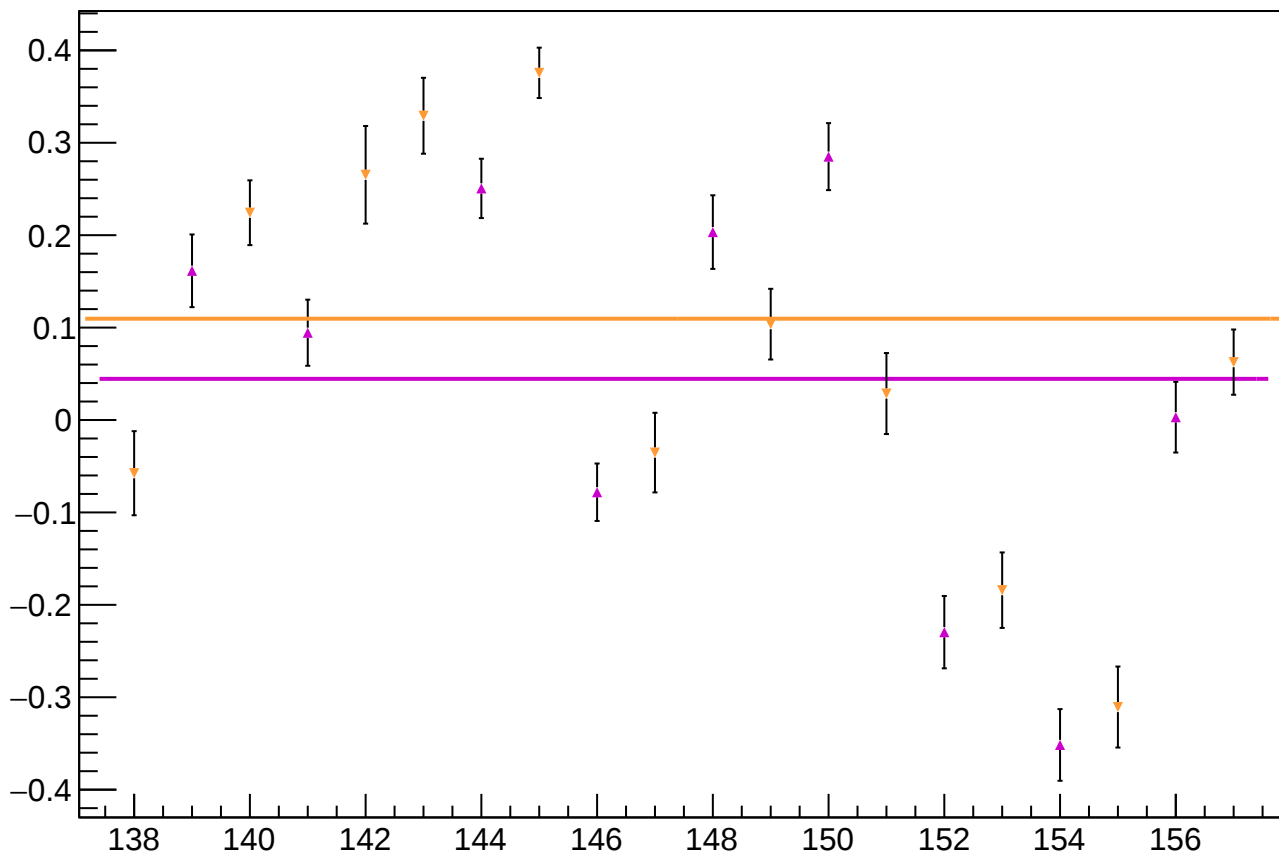
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 62.625 $\pm$ 0.244 χ^2 /NDF:740.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 61.650 $\pm$ 0.249 χ^2 /NDF:380.8/8

Left: 62.147 $\pm$ 0.174 χ^2 /NDF: 1128.7/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 61.650 $\pm$ 0.249 χ^2 /NDF:380.8/8
 Out: 62.625 $\pm$ 0.244 χ^2 /NDF:740.1/10
 All: 62.147 $\pm$ 0.174 χ^2 /NDF: 1128.7/19

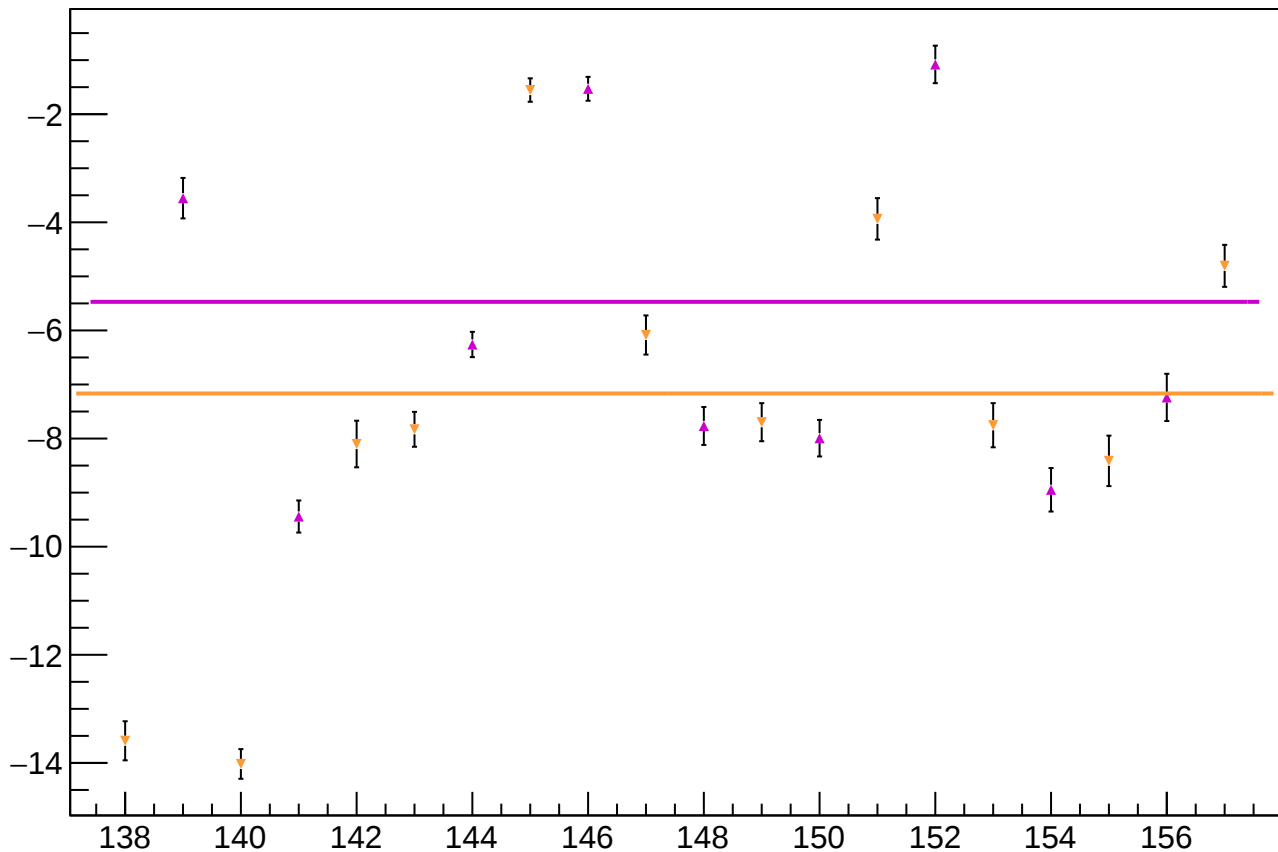
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.110 $\pm$ 0.012 χ^2 /NDF:317.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.045 $\pm$ 0.012 χ^2 /NDF:282.0/8

Left: 0.078 $\pm$ 0.008 χ^2 /NDF: 613.9/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.045 $\pm$ 0.012 χ^2 /NDF:282.0/8
 Out: 0.110 $\pm$ 0.012 χ^2 /NDF:317.0/10
 All: 0.078 $\pm$ 0.008 χ^2 /NDF: 613.9/19

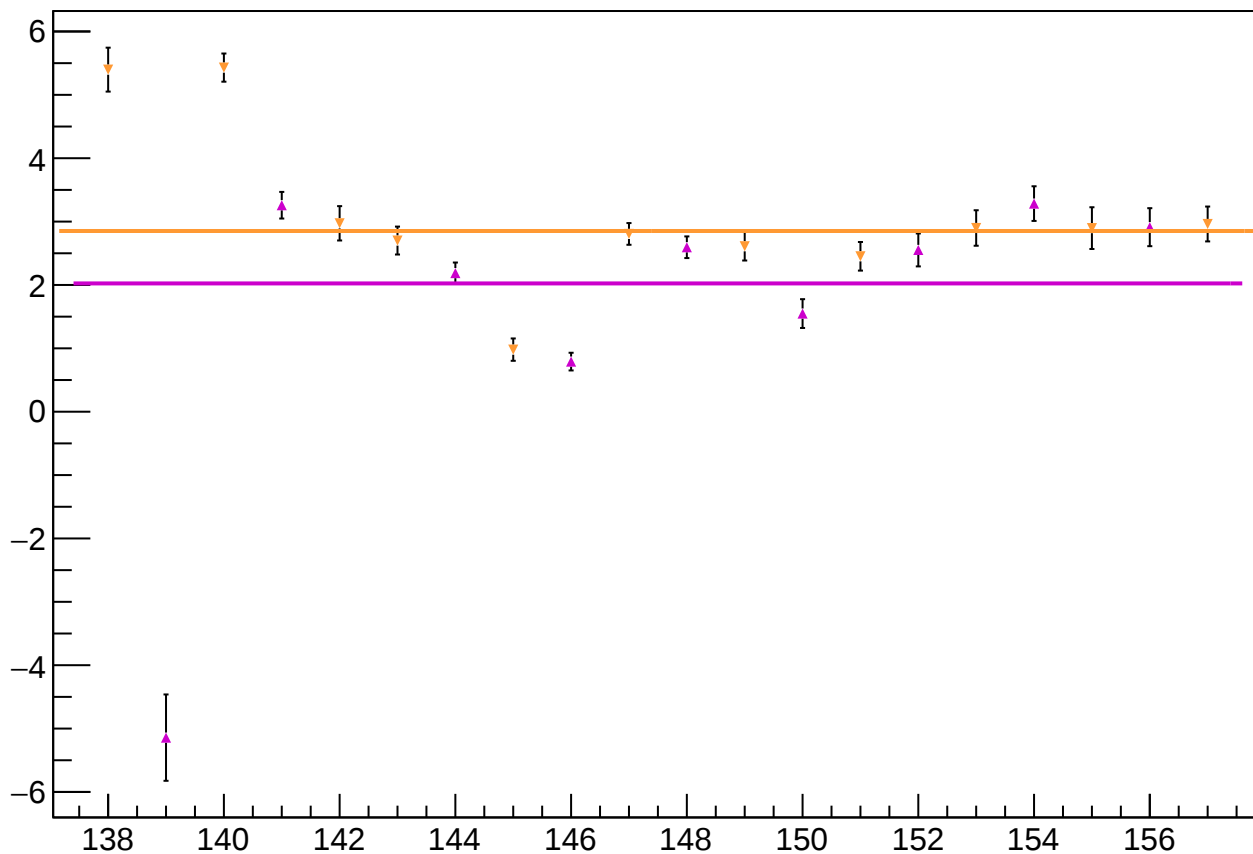
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.166+/-0.102 χ^2/NDF :1744.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.471+/-0.103 χ^2/NDF :884.4/8

Left: -6.332+/-0.072 χ^2/NDF : 2765.9/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.471+/-0.103 χ^2/NDF :884.4/8
 Out: -7.166+/-0.102 χ^2/NDF :1744.5/10
 All: -6.332+/-0.072 χ^2/NDF : 2765.9/19

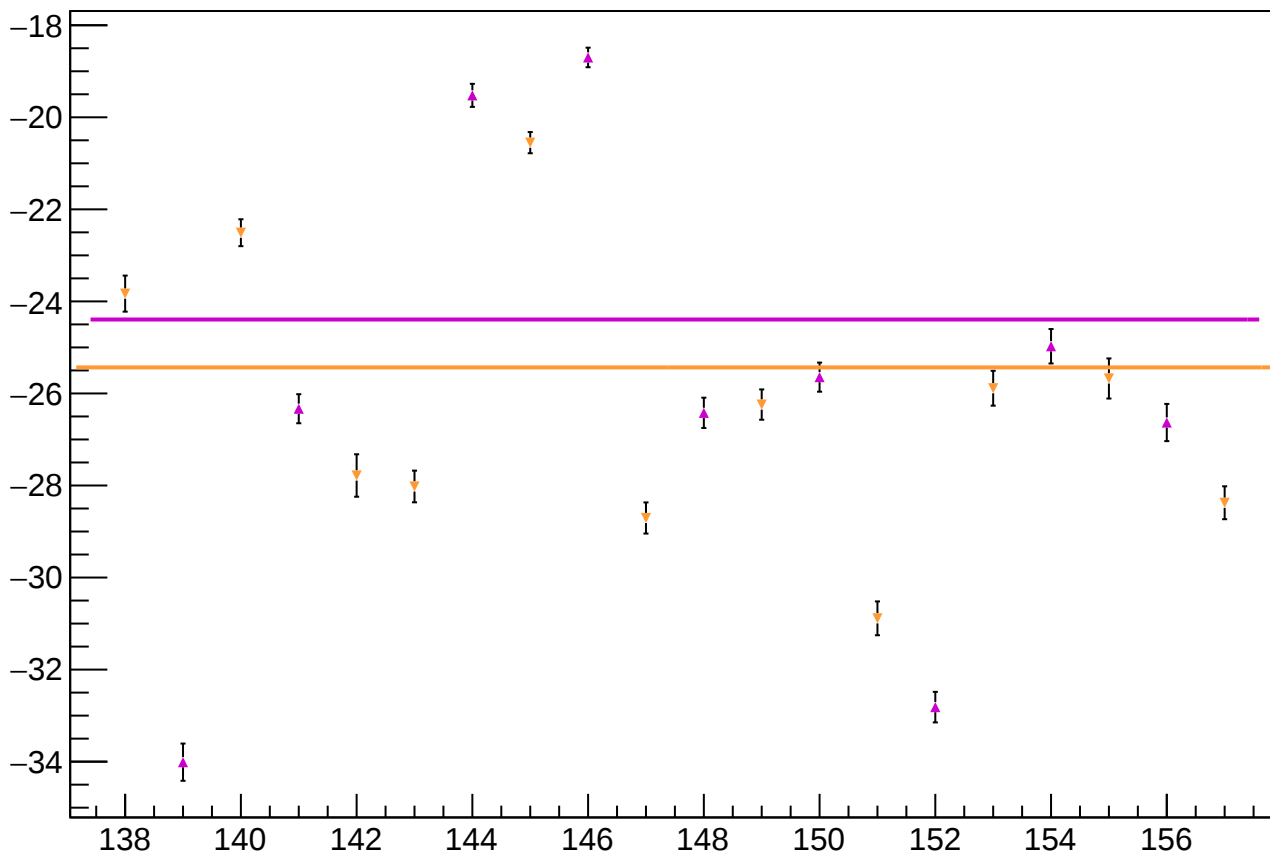
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.852 $\pm$ 0.070 χ^2 /NDF:306.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.024 $\pm$ 0.070 χ^2 /NDF:273.9/8

Left: 2.436 $\pm$ 0.049 χ^2 /NDF: 650.3/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.024 $\pm$ 0.070 χ^2 /NDF:273.9/8
 Out: 2.852 $\pm$ 0.070 χ^2 /NDF:306.4/10
 All: 2.436 $\pm$ 0.049 χ^2 /NDF: 650.3/19

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: -25.434+/-0.102 χ^2/NDF :1037.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.393+/-0.102 χ^2/NDF :2428.5/8

Left: -24.913+/-0.072 χ^2/NDF : 3518.1/19

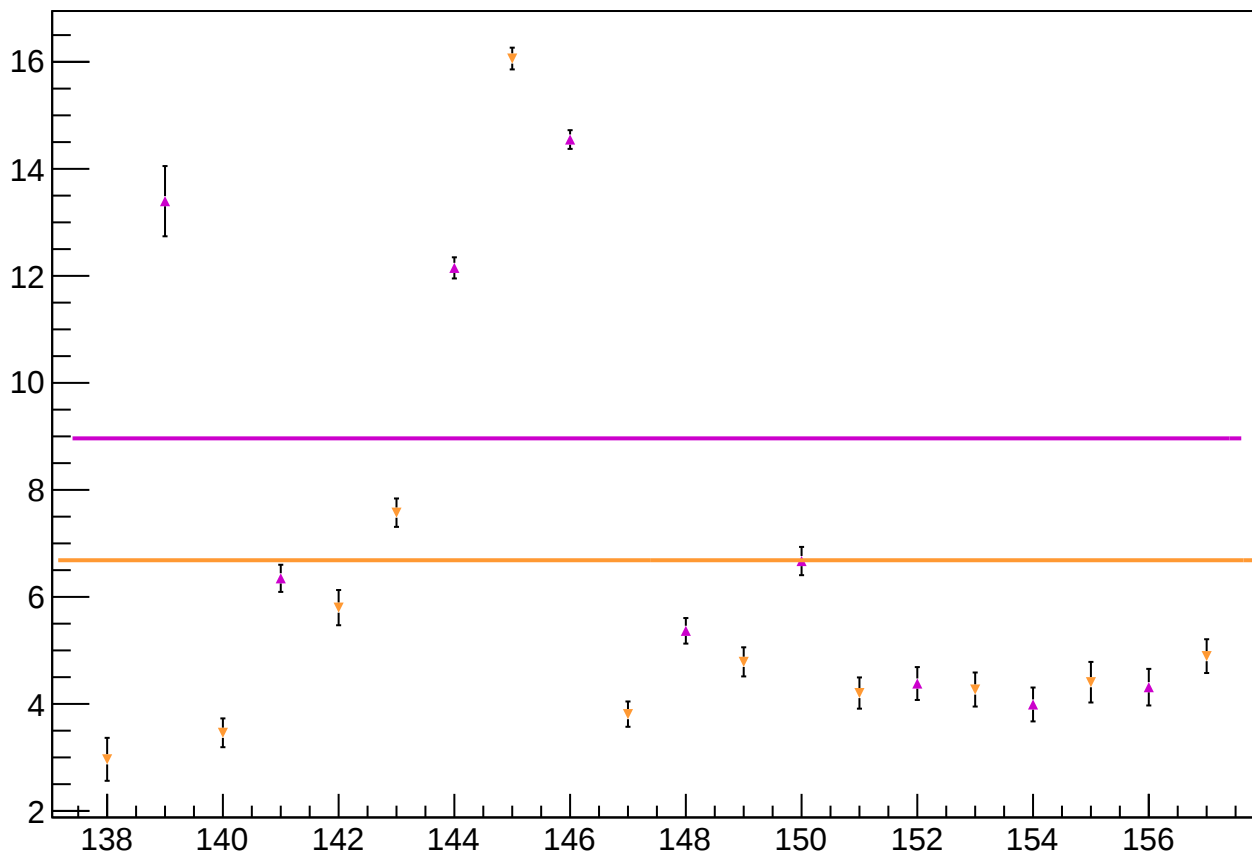
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.393+/-0.102 χ^2/NDF :2428.5/8

Out: -25.434+/-0.102 χ^2/NDF :1037.8/10

All: -24.913+/-0.072 χ^2/NDF : 3518.1/19

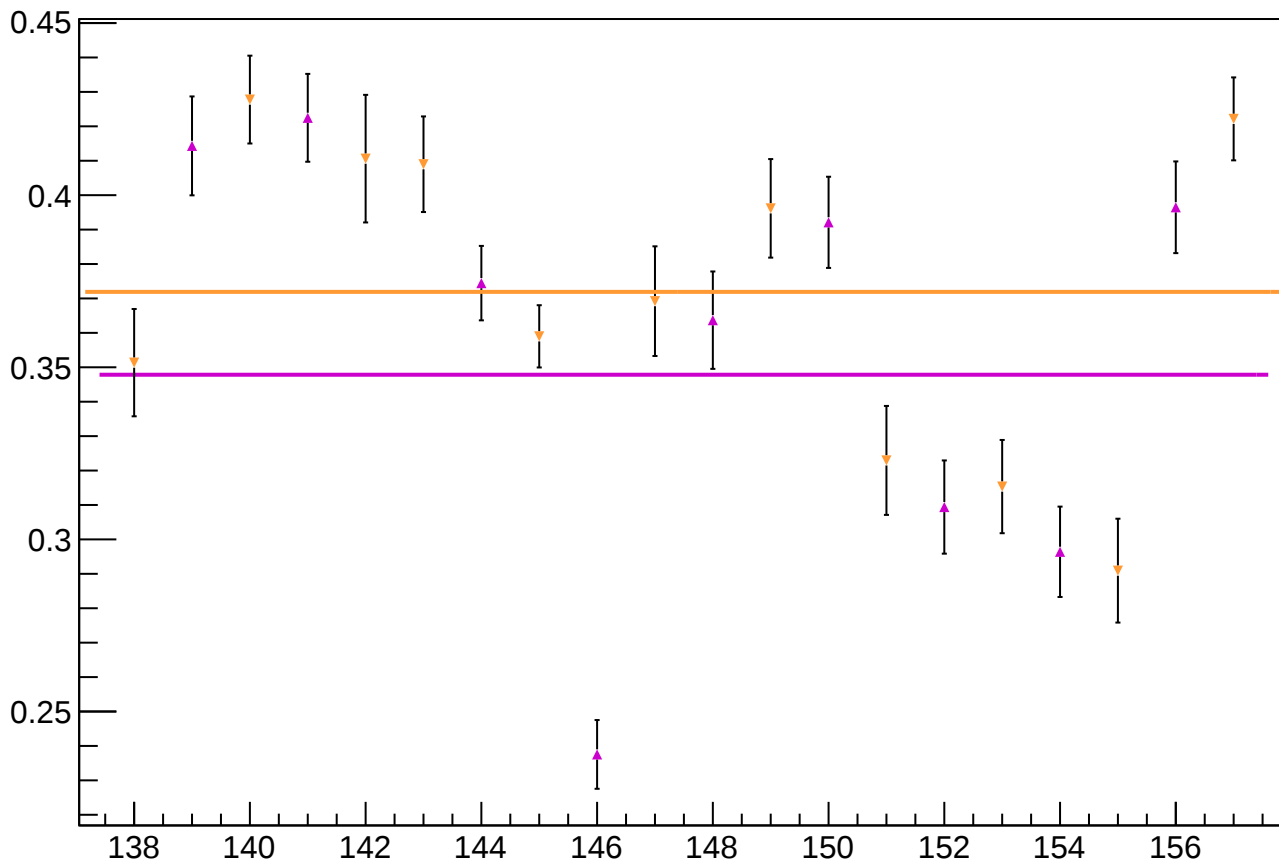
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.685 $\pm$ 0.085 χ^2 /NDF:2772.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.963 $\pm$ 0.085 χ^2 /NDF:2387.7/8

Left: 7.822 $\pm$ 0.060 χ^2 /NDF: 5516.1/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.963 $\pm$ 0.085 χ^2 /NDF:2387.7/8
 Out: 6.685 $\pm$ 0.085 χ^2 /NDF:2772.1/10
 All: 7.822 $\pm$ 0.060 χ^2 /NDF: 5516.1/19

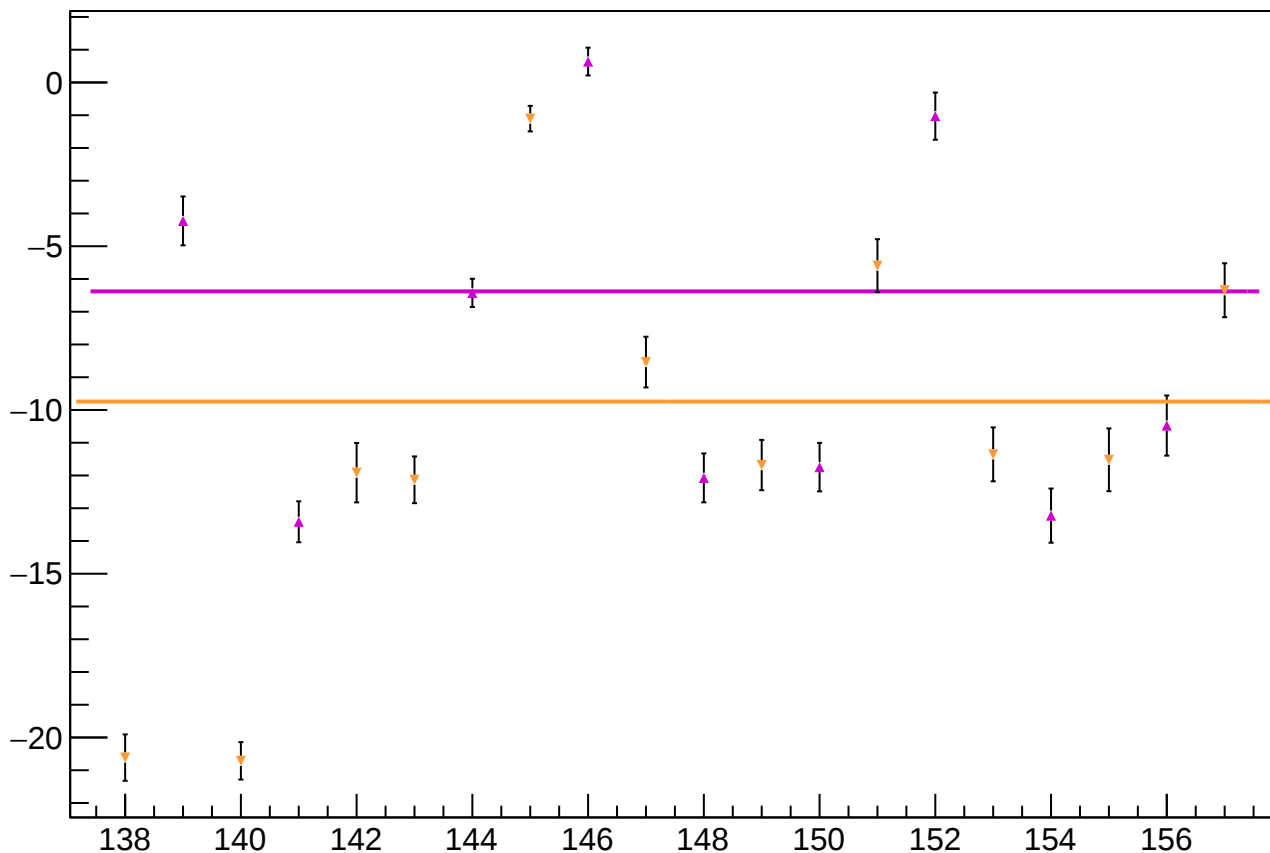
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.372+/-0.004 χ^2/NDF :110.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.348+/-0.004 χ^2/NDF :232.8/8

Left: 0.360+/-0.003 χ^2/NDF : 360.4/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.348+/-0.004 χ^2/NDF :232.8/8
 Out: 0.372+/-0.004 χ^2/NDF :110.6/10
 All: 0.360+/-0.003 χ^2/NDF : 360.4/19

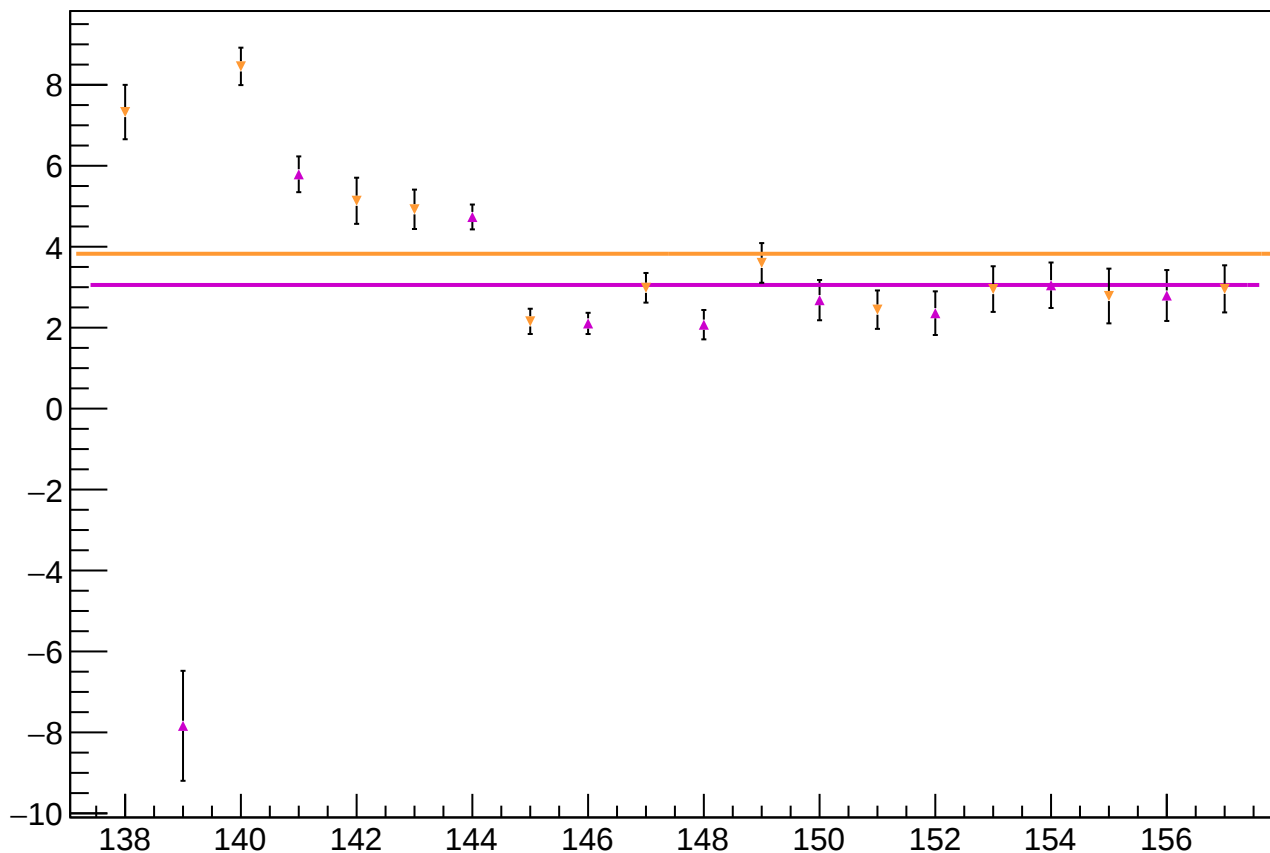
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.744 $\pm$ 0.205 χ^2 /NDF:1170.8/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.379 $\pm$ 0.206 χ^2 /NDF:663.0/8

Left: -8.070 $\pm$ 0.146 χ^2 /NDF: 1967.4/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.379 $\pm$ 0.206 χ^2 /NDF:663.0/8
 Out: -9.744 $\pm$ 0.205 χ^2 /NDF:1170.8/10
 All: -8.070 $\pm$ 0.146 χ^2 /NDF: 1967.4/19

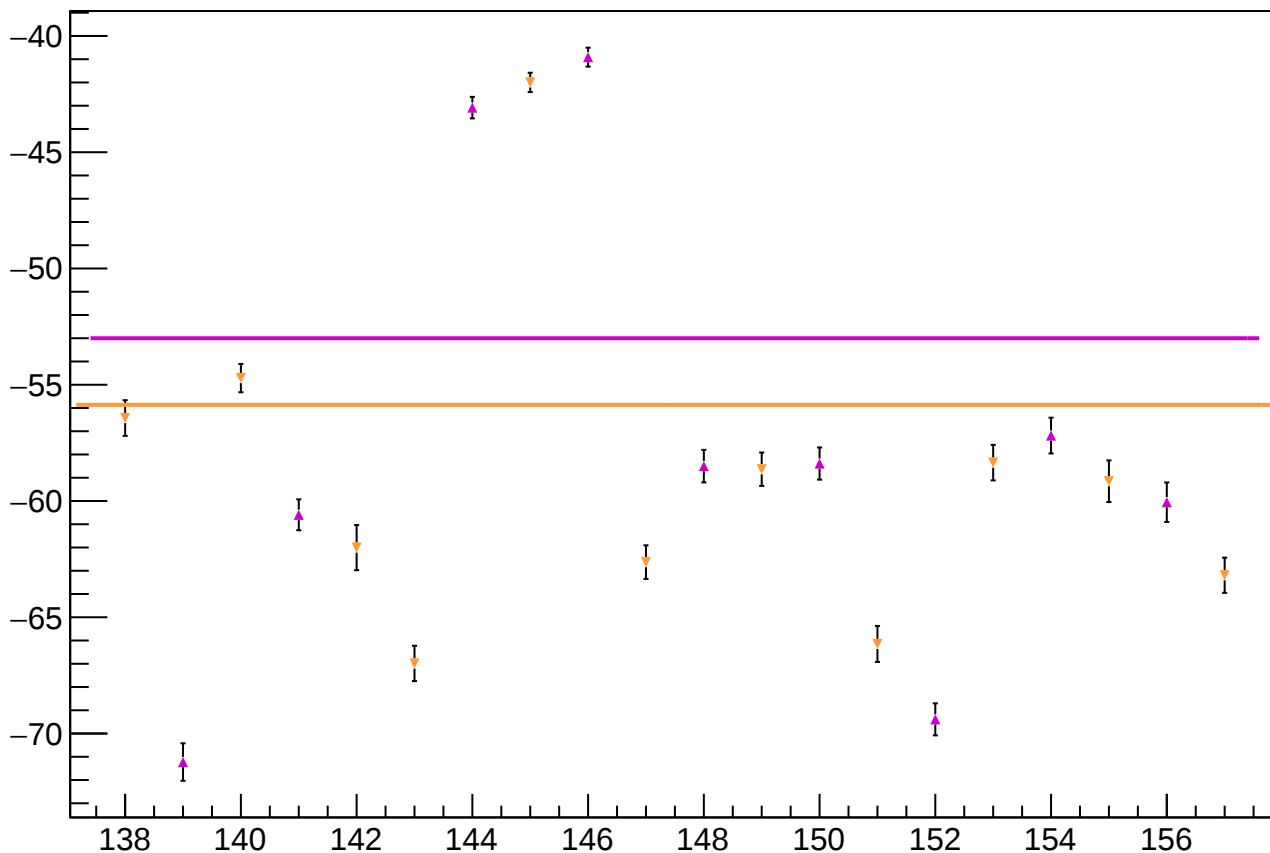
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.826+/-0.143 χ^2/NDF :187.4/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.055+/-0.139 χ^2/NDF :155.3/8

Left: 3.430+/-0.100 χ^2/NDF : 357.6/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.055+/-0.139 χ^2/NDF :155.3/8
 Out: 3.826+/-0.143 χ^2/NDF :187.4/10
 All: 3.430+/-0.100 χ^2/NDF : 357.6/19

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.866+/-0.208 χ^2/NDF :1766.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.000+/-0.205 χ^2/NDF :2766.6/8

Left: -54.415+/-0.146 χ^2/NDF : 4629.1/19

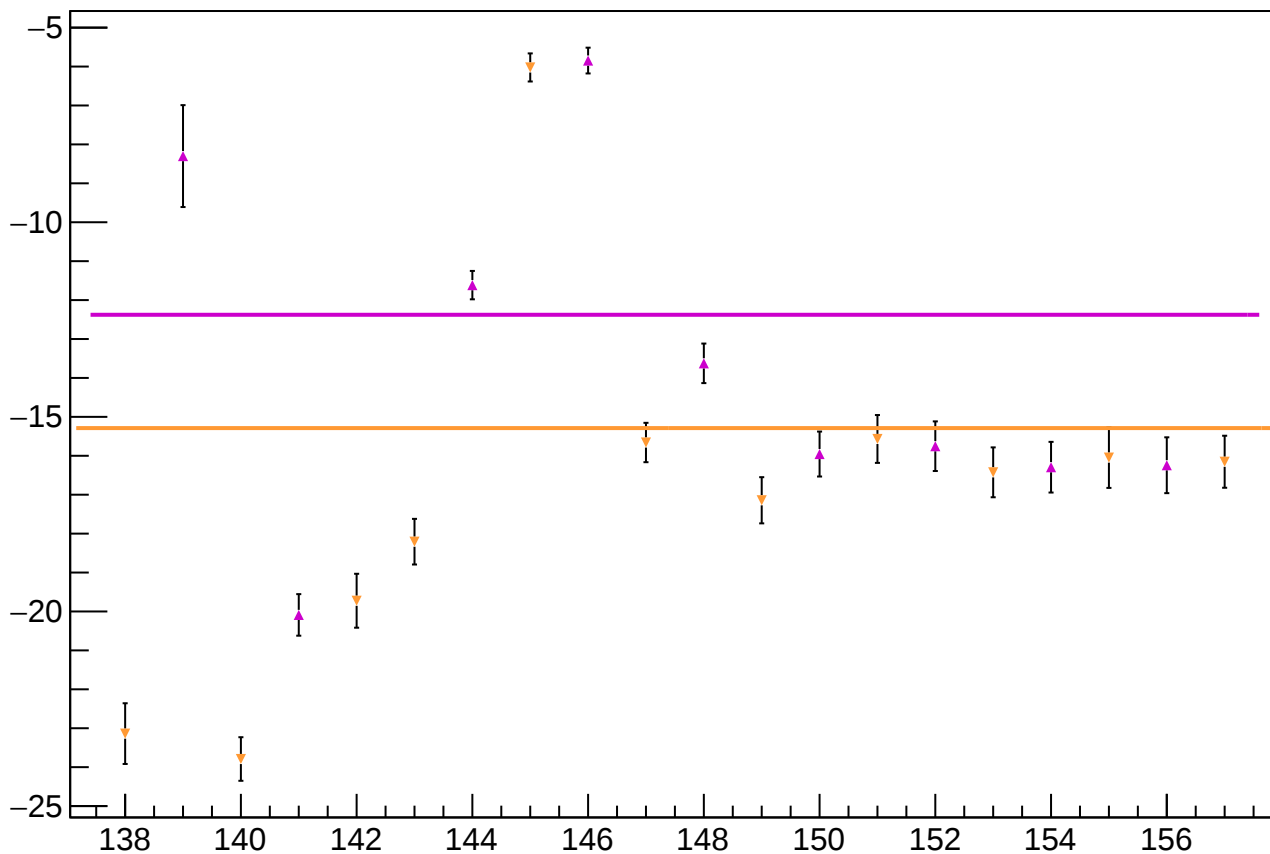
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.000+/-0.205 χ^2/NDF :2766.6/8

Out: -55.866+/-0.208 χ^2/NDF :1766.1/10

All: -54.415+/-0.146 χ^2/NDF : 4629.1/19

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.289+/-0.173 χ^2/NDF :1073.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.377+/-0.171 χ^2/NDF :749.3/8

Left: -13.808+/-0.122 χ^2/NDF : 1965.7/19

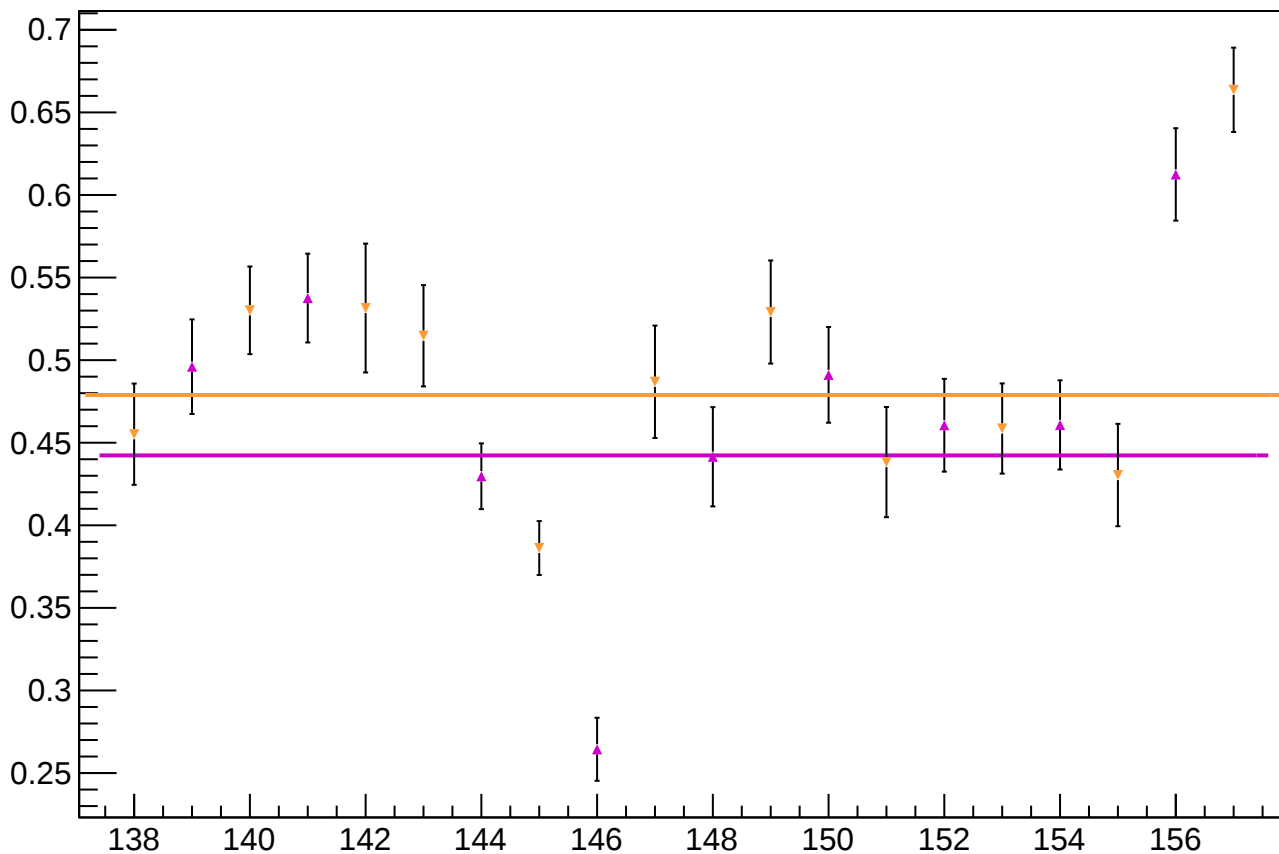
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.377+/-0.171 χ^2/NDF :749.3/8

Out: -15.289+/-0.173 χ^2/NDF :1073.2/10

All: -13.808+/-0.122 χ^2/NDF : 1965.7/19

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: 0.479 $\pm$ 0.008 χ^2 /NDF:99.3/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.442 $\pm$ 0.008 χ^2 /NDF:144.1/8

Left: 0.461 $\pm$ 0.006 χ^2 /NDF: 253.0/19

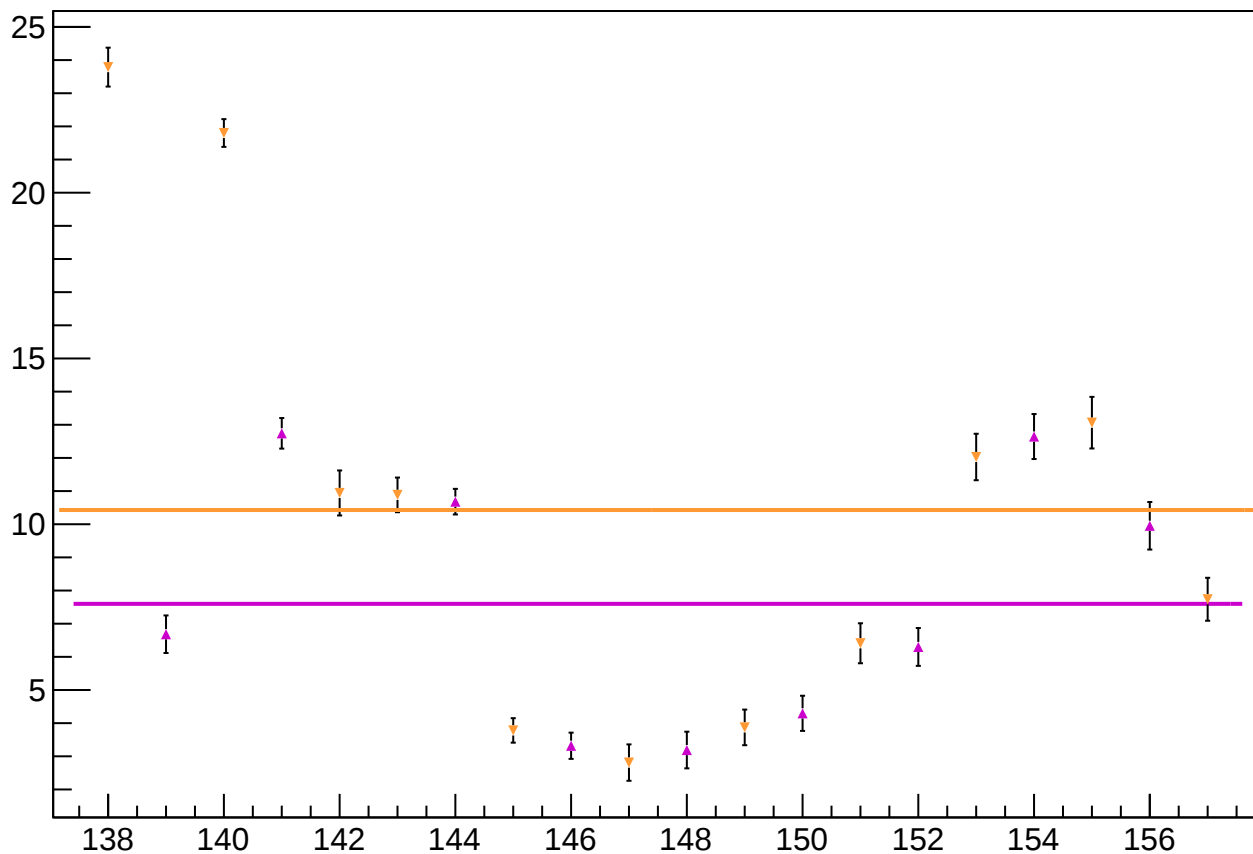
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.442 $\pm$ 0.008 χ^2 /NDF:144.1/8

Out: 0.479 $\pm$ 0.008 χ^2 /NDF:99.3/10

All: 0.461 $\pm$ 0.006 χ^2 /NDF: 253.0/19

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.429+/-0.164 χ^2/NDF :2002.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.599+/-0.169 χ^2/NDF :481.6/8

Left: 9.062+/-0.118 χ^2/NDF : 2629.0/19

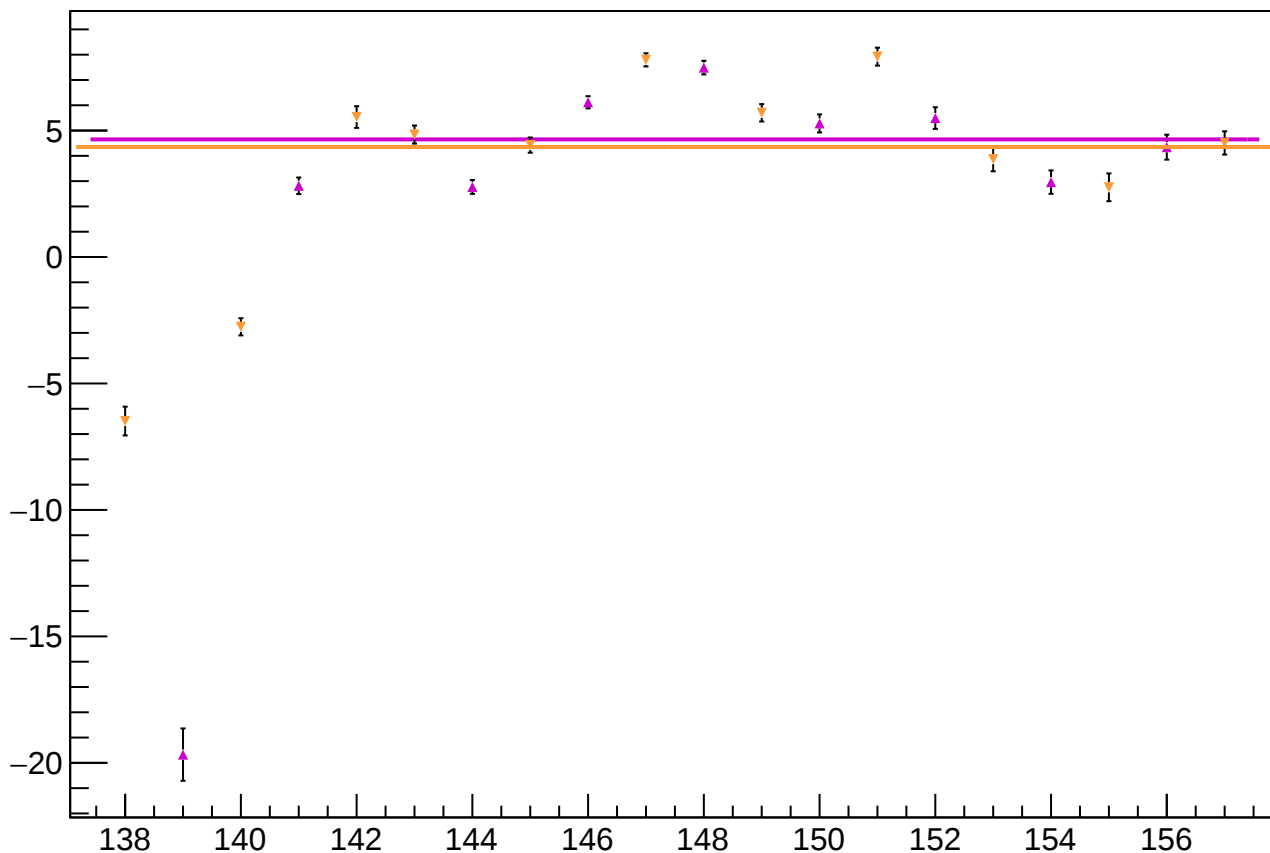
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.599+/-0.169 χ^2/NDF :481.6/8

Out: 10.429+/-0.164 χ^2/NDF :2002.8/10

All: 9.062+/-0.118 χ^2/NDF : 2629.0/19

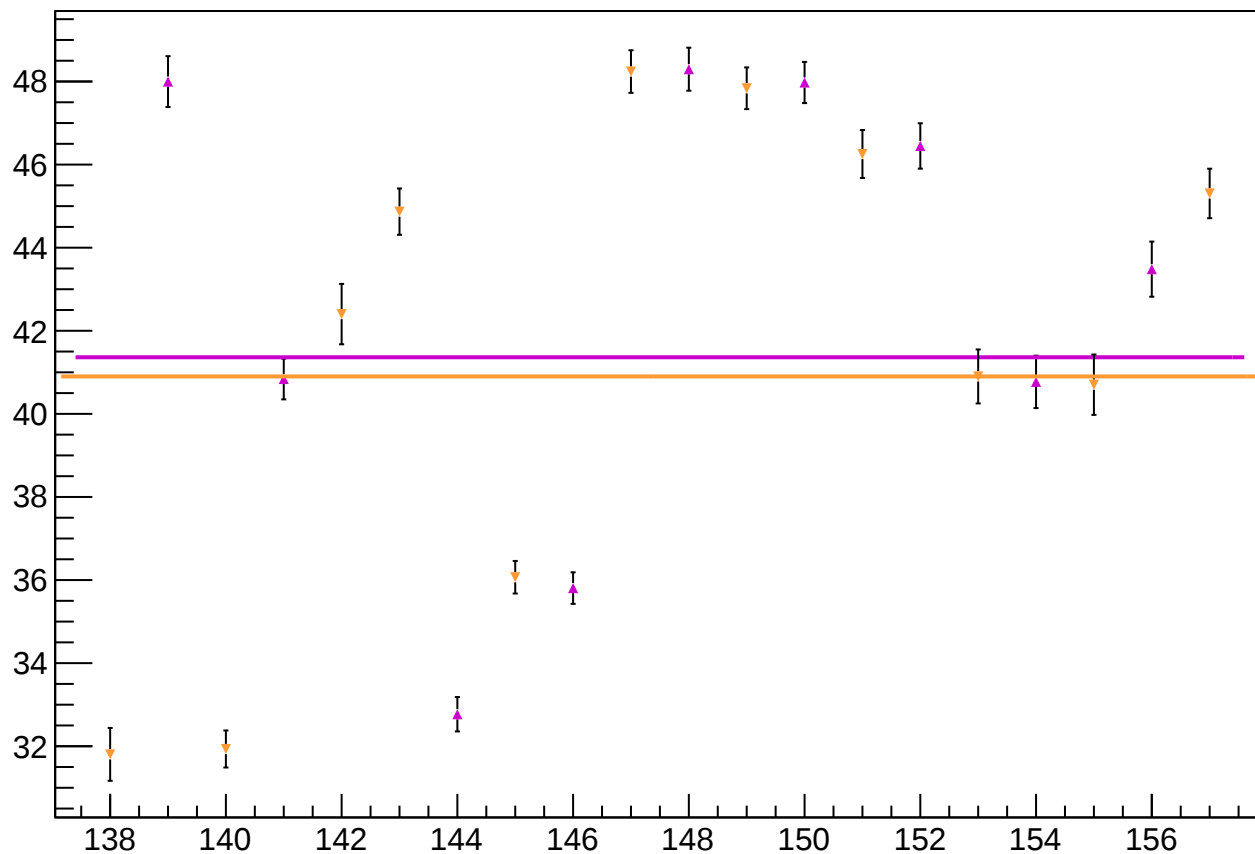
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.349+/-0.112 χ^2/NDF :1111.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.650+/-0.114 χ^2/NDF :798.7/8

Left: 4.497+/-0.080 χ^2/NDF : 1913.4/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.650+/-0.114 χ^2/NDF :798.7/8
 Out: 4.349+/-0.112 χ^2/NDF :1111.2/10
 All: 4.497+/-0.080 χ^2/NDF : 1913.4/19

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: 40.901+/-0.164 χ^2/NDF :1353.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.362+/-0.168 χ^2/NDF :1219.2/8

Left: 41.127+/-0.117 χ^2/NDF : 2576.8/19

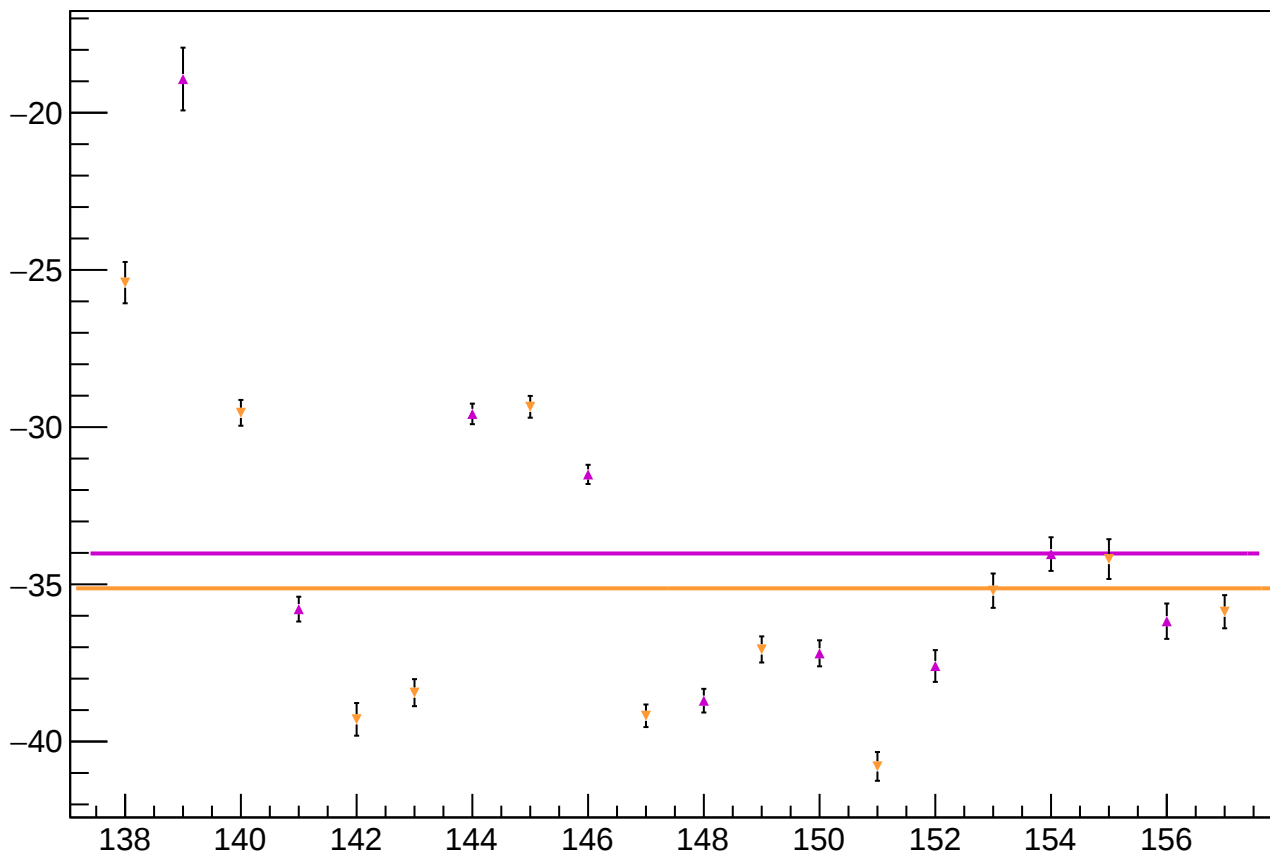
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.362+/-0.168 χ^2/NDF :1219.2/8

Out: 40.901+/-0.164 χ^2/NDF :1353.7/10

All: 41.127+/-0.117 χ^2/NDF : 2576.8/19

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: -35.127+/-0.137 χ^2/NDF :1112.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.018+/-0.140 χ^2/NDF :780.1/8

Left: -34.586+/-0.098 χ^2/NDF : 1924.5/19

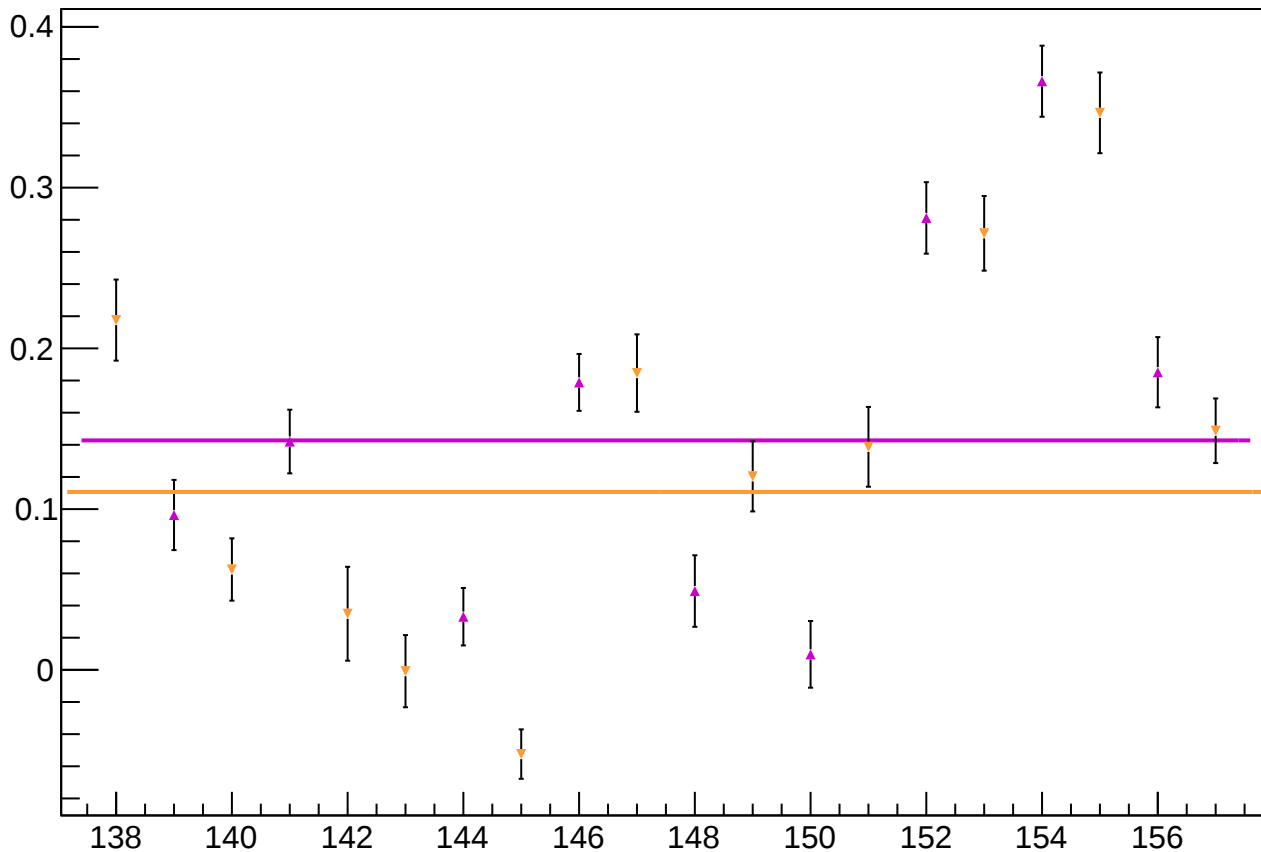
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.018+/-0.140 χ^2/NDF :780.1/8

Out: -35.127+/-0.137 χ^2/NDF :1112.2/10

All: -34.586+/-0.098 χ^2/NDF : 1924.5/19

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.111 $\pm$ 0.007 χ^2 /NDF:318.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.143 $\pm$ 0.007 χ^2 /NDF:249.8/8

Left: 0.126 $\pm$ 0.005 χ^2 /NDF: 579.8/19

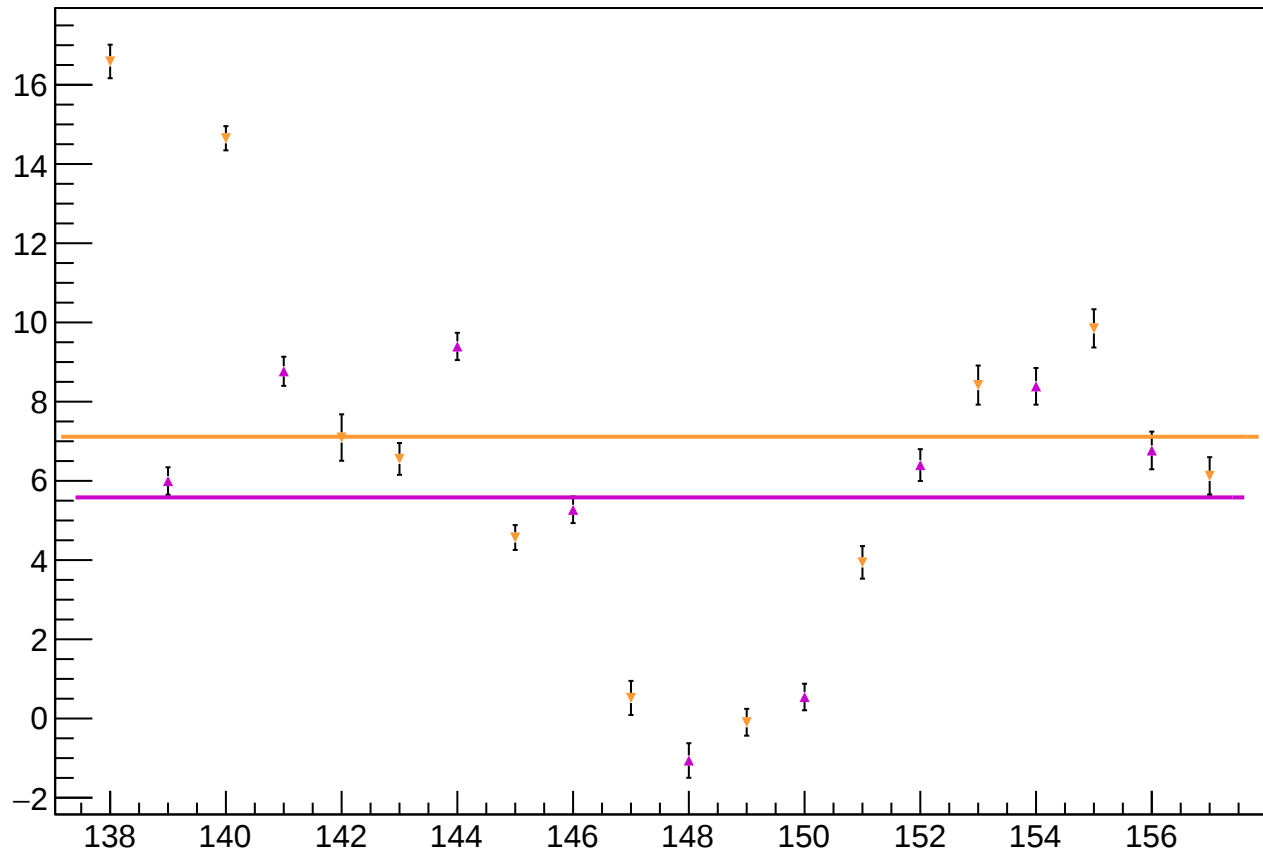
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.143 $\pm$ 0.007 χ^2 /NDF:249.8/8

Out: 0.111 $\pm$ 0.007 χ^2 /NDF:318.6/10

All: 0.126 $\pm$ 0.005 χ^2 /NDF: 579.8/19

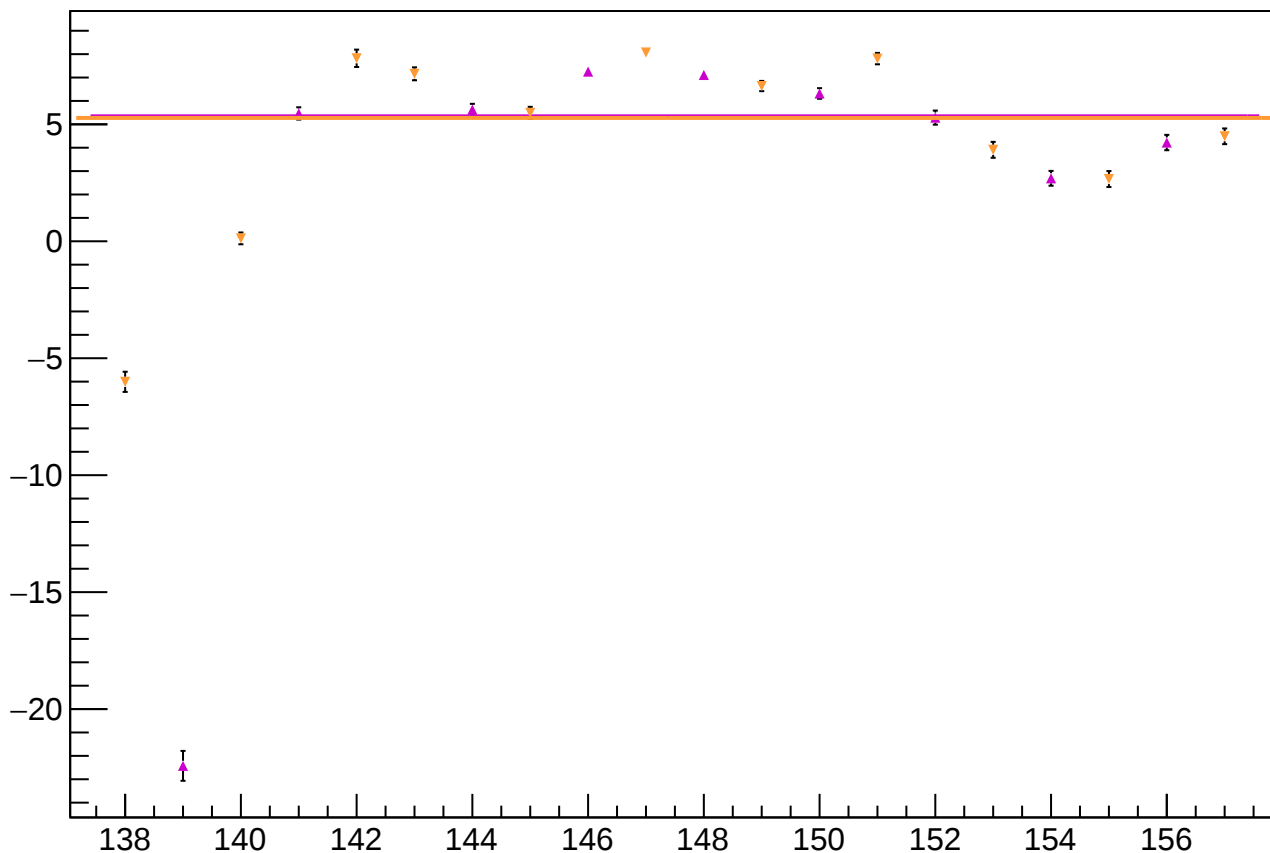
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.114+/-0.121 χ^2/NDF :1966.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.582+/-0.127 χ^2/NDF :704.3/8

Left: 6.384+/-0.087 χ^2/NDF : 2747.2/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.582+/-0.127 χ^2/NDF :704.3/8
 Out: 7.114+/-0.121 χ^2/NDF :1966.2/10
 All: 6.384+/-0.087 χ^2/NDF : 2747.2/19

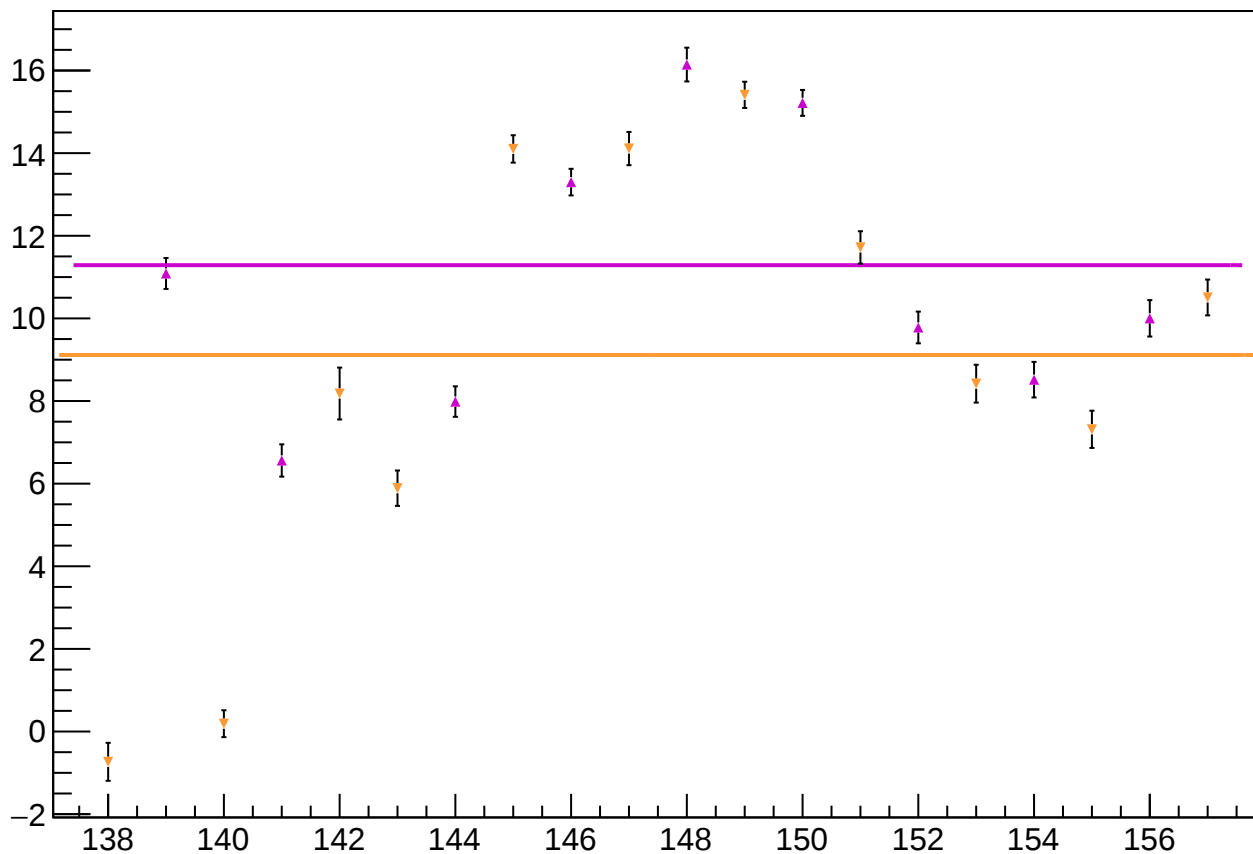
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.274+/-0.084 χ^2/NDF :1602.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.341+/-0.089 χ^2/NDF :2137.7/8

Left: 5.305+/-0.061 χ^2/NDF : 3740.2/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.341+/-0.089 χ^2/NDF :2137.7/8
 Out: 5.274+/-0.084 χ^2/NDF :1602.2/10
 All: 5.305+/-0.061 χ^2/NDF : 3740.2/19

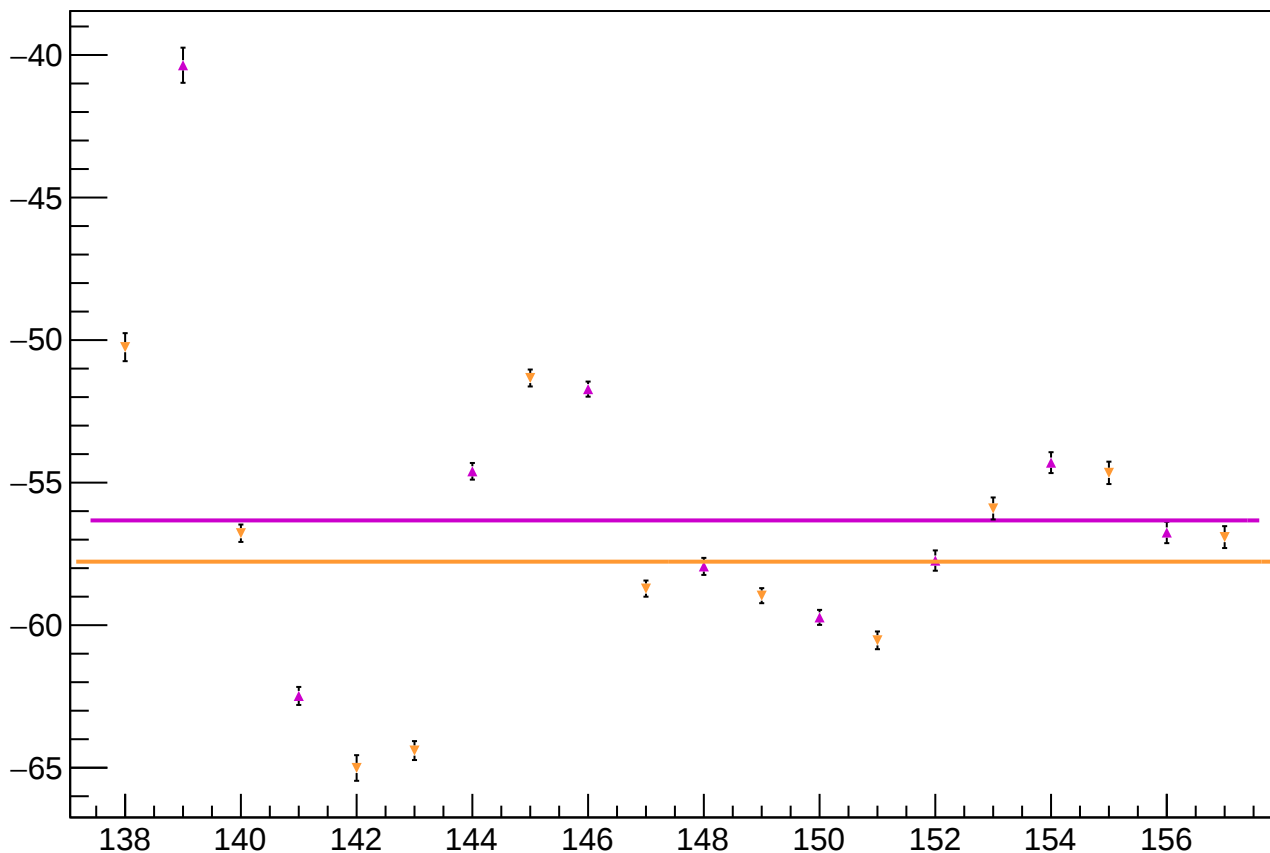
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.114 $\pm$ 0.120 χ^2 /NDF:2118.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.288 $\pm$ 0.125 χ^2 /NDF:628.5/8

Left: 10.162 $\pm$ 0.087 χ^2 /NDF: 2903.5/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.288 $\pm$ 0.125 χ^2 /NDF:628.5/8
 Out: 9.114 $\pm$ 0.120 χ^2 /NDF:2118.0/10
 All: 10.162 $\pm$ 0.087 χ^2 /NDF: 2903.5/19

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.772+/-0.101 χ^2/NDF :1574.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.326+/-0.107 χ^2/NDF :1631.5/8

Left: -57.090+/-0.074 χ^2/NDF : 3301.5/19

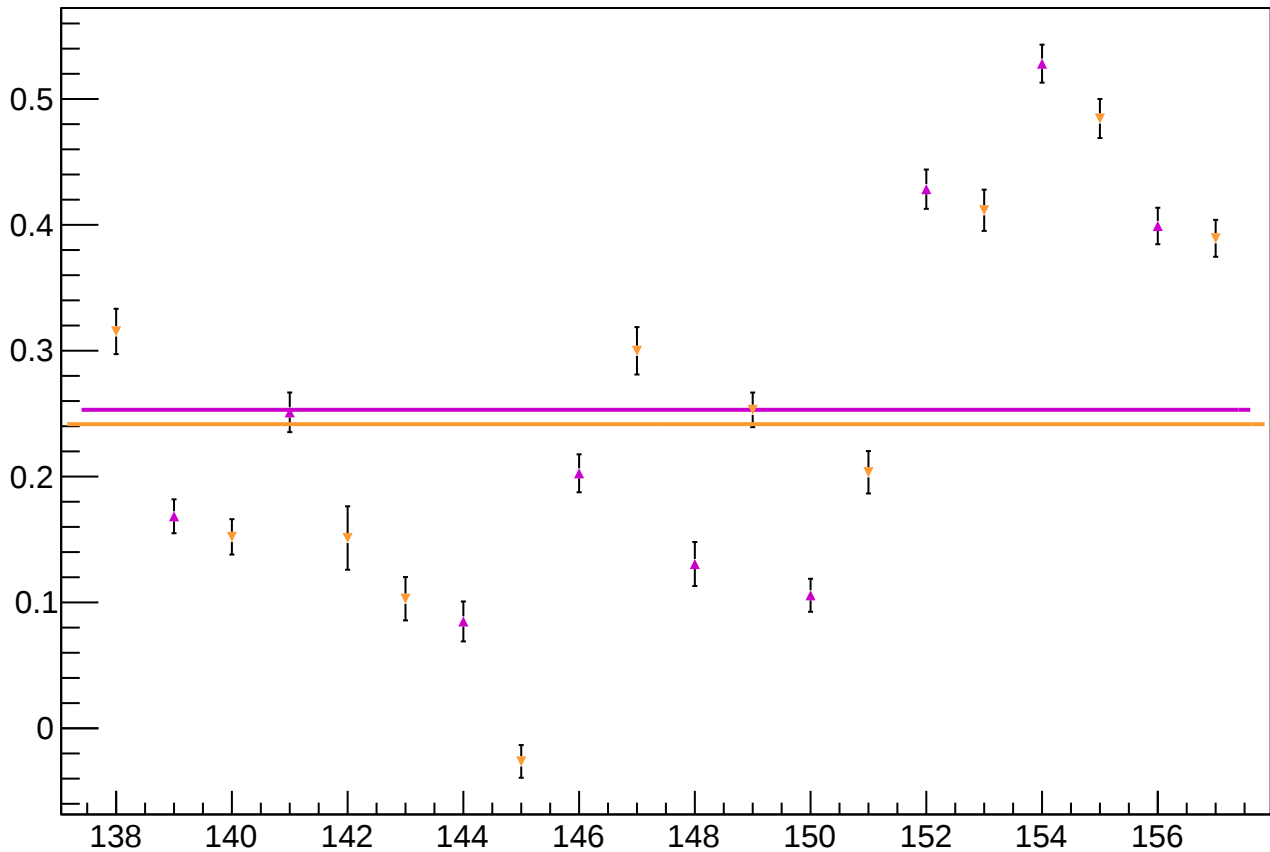
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.326+/-0.107 χ^2/NDF :1631.5/8

Out: -57.772+/-0.101 χ^2/NDF :1574.0/10

All: -57.090+/-0.074 χ^2/NDF : 3301.5/19

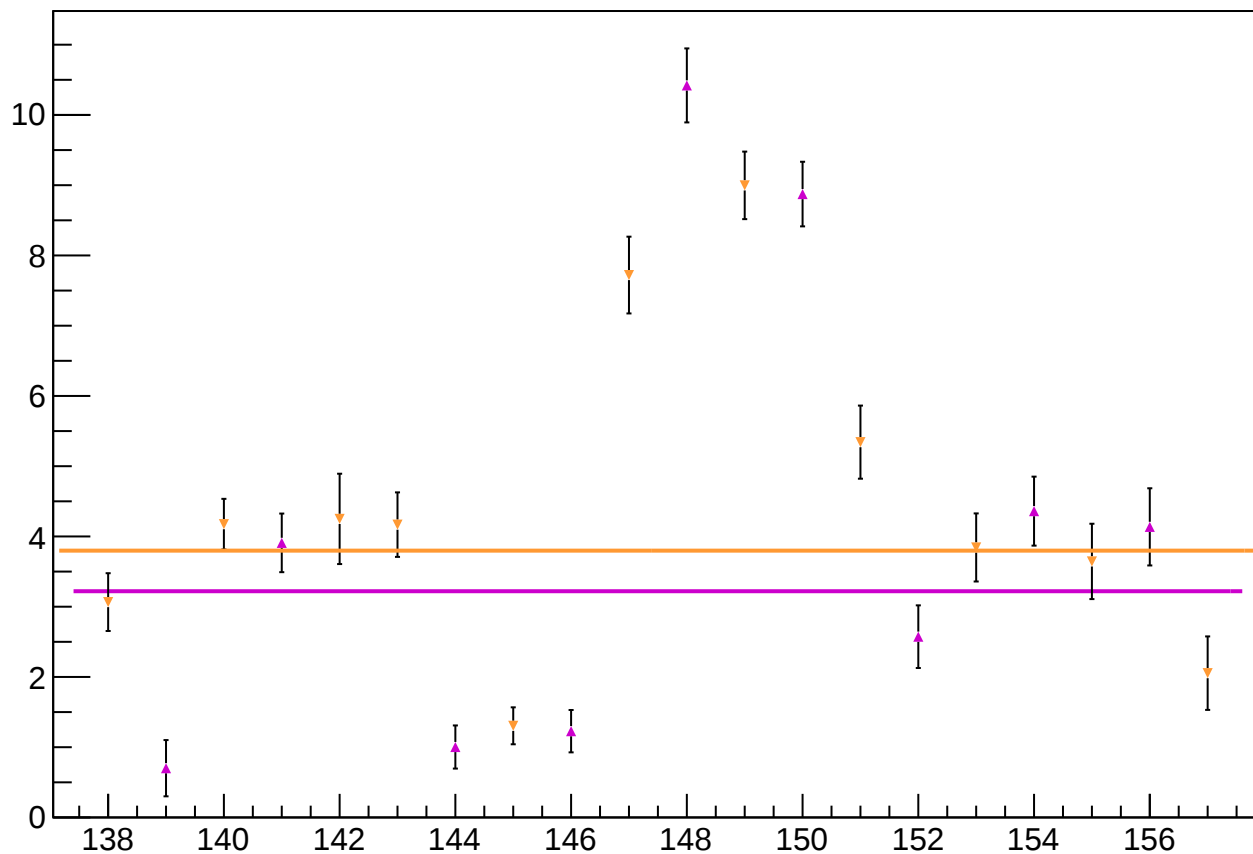
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.242 $\pm$ 0.005 χ^2 /NDF:1028.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.253 $\pm$ 0.005 χ^2 /NDF:897.8/8

Left: 0.247 $\pm$ 0.003 χ^2 /NDF: 1928.9/19
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.253 $\pm$ 0.005 χ^2 /NDF:897.8/8
 Out: 0.242 $\pm$ 0.005 χ^2 /NDF:1028.4/10
 All: 0.247 $\pm$ 0.003 χ^2 /NDF: 1928.9/19

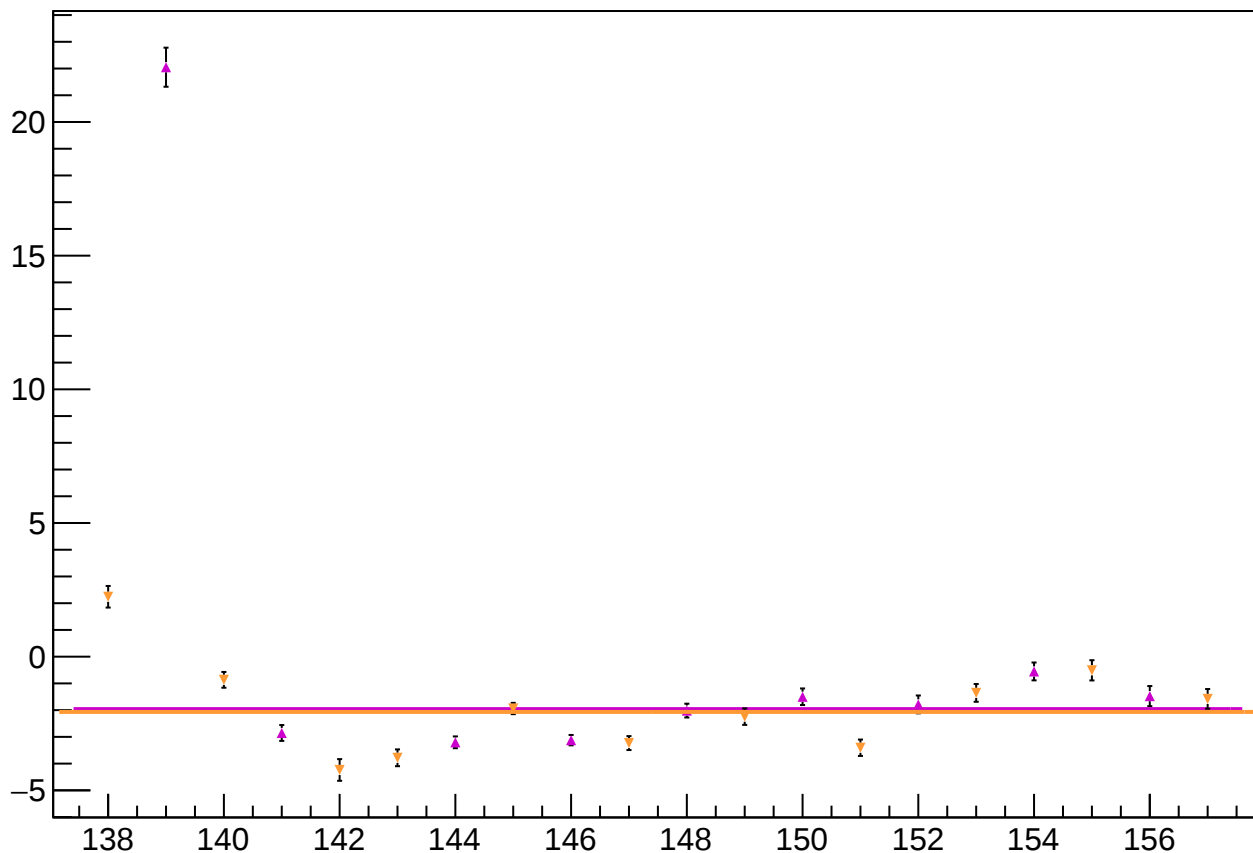
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.798+/-0.131 χ^2/NDF :283.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.220+/-0.136 χ^2/NDF :486.4/8

Left: 3.518+/-0.094 χ^2/NDF : 779.7/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.220+/-0.136 χ^2/NDF :486.4/8
 Out: 3.798+/-0.131 χ^2/NDF :283.9/10
 All: 3.518+/-0.094 χ^2/NDF : 779.7/19

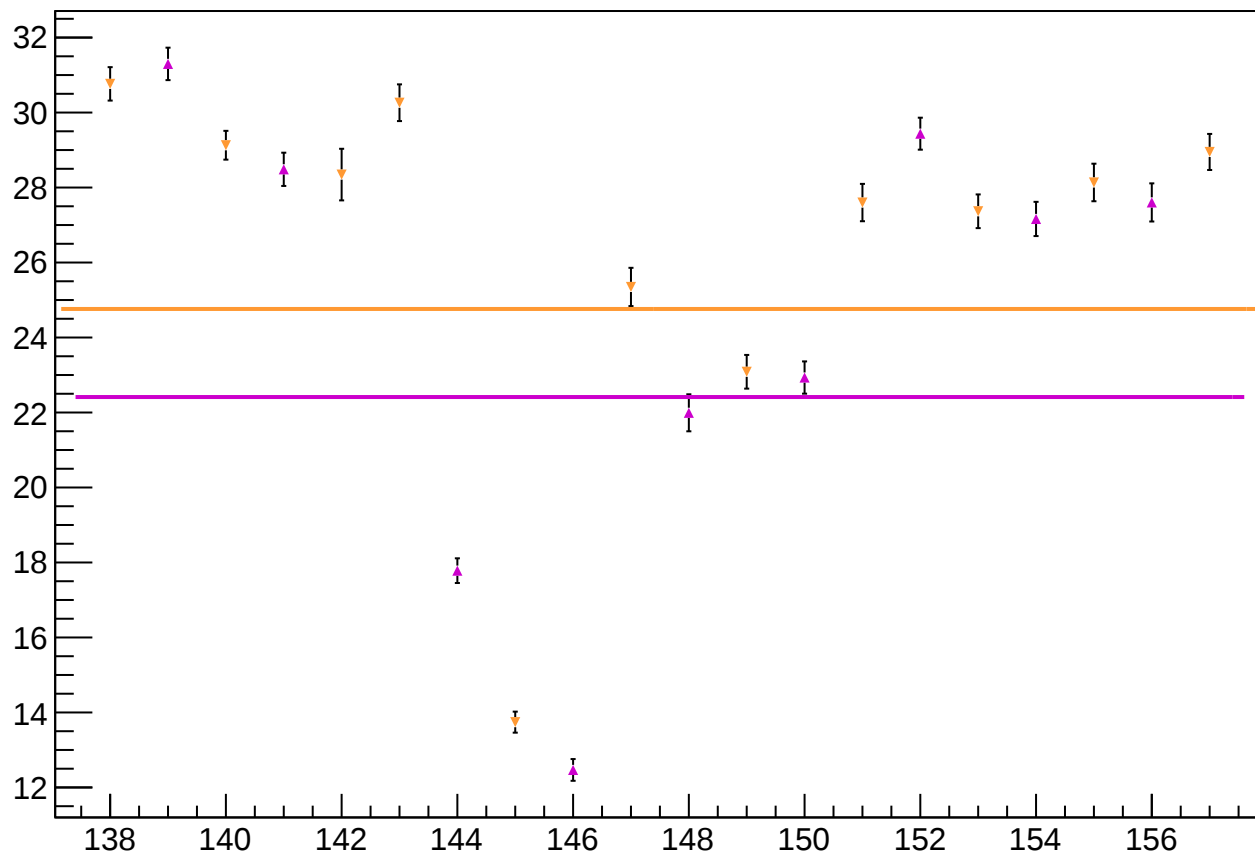
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.067+/-0.093 χ^2/NDF :251.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.962+/-0.095 χ^2/NDF :1177.5/8

Left: -2.016+/-0.066 χ^2/NDF : 1429.8/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.962+/-0.095 χ^2/NDF :1177.5/8
 Out: -2.067+/-0.093 χ^2/NDF :251.7/10
 All: -2.016+/-0.066 χ^2/NDF : 1429.8/19

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: 24.762+/-0.133 χ^2/NDF :2211.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.413+/-0.135 χ^2/NDF :2468.4/8

Left: 23.605+/-0.094 χ^2/NDF : 4834.6/19

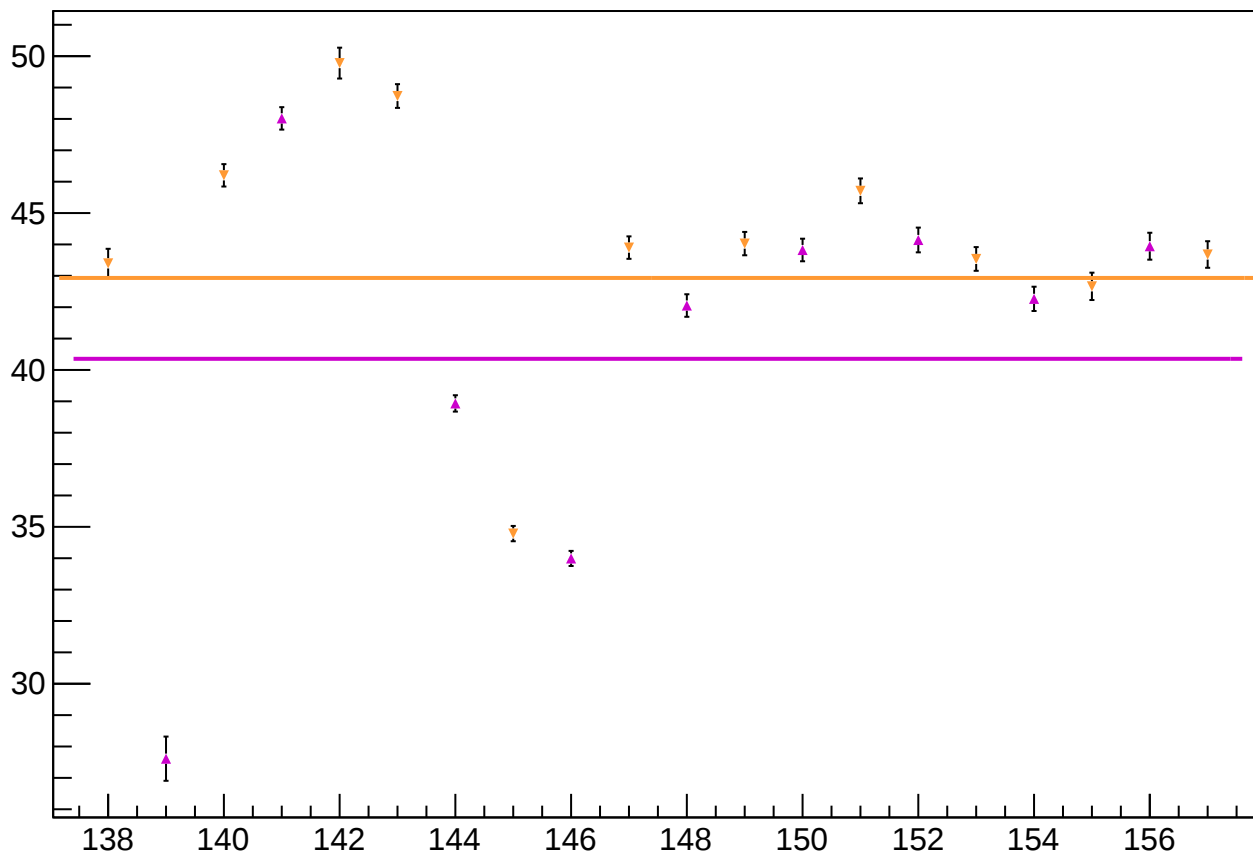
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.413+/-0.135 χ^2/NDF :2468.4/8

Out: 24.762+/-0.133 χ^2/NDF :2211.6/10

All: 23.605+/-0.094 χ^2/NDF : 4834.6/19

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 42.932+/-0.112 χ^2/NDF :1700.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.355+/-0.115 χ^2/NDF :1817.5/8

Left: 41.676+/-0.080 χ^2/NDF : 3775.9/19

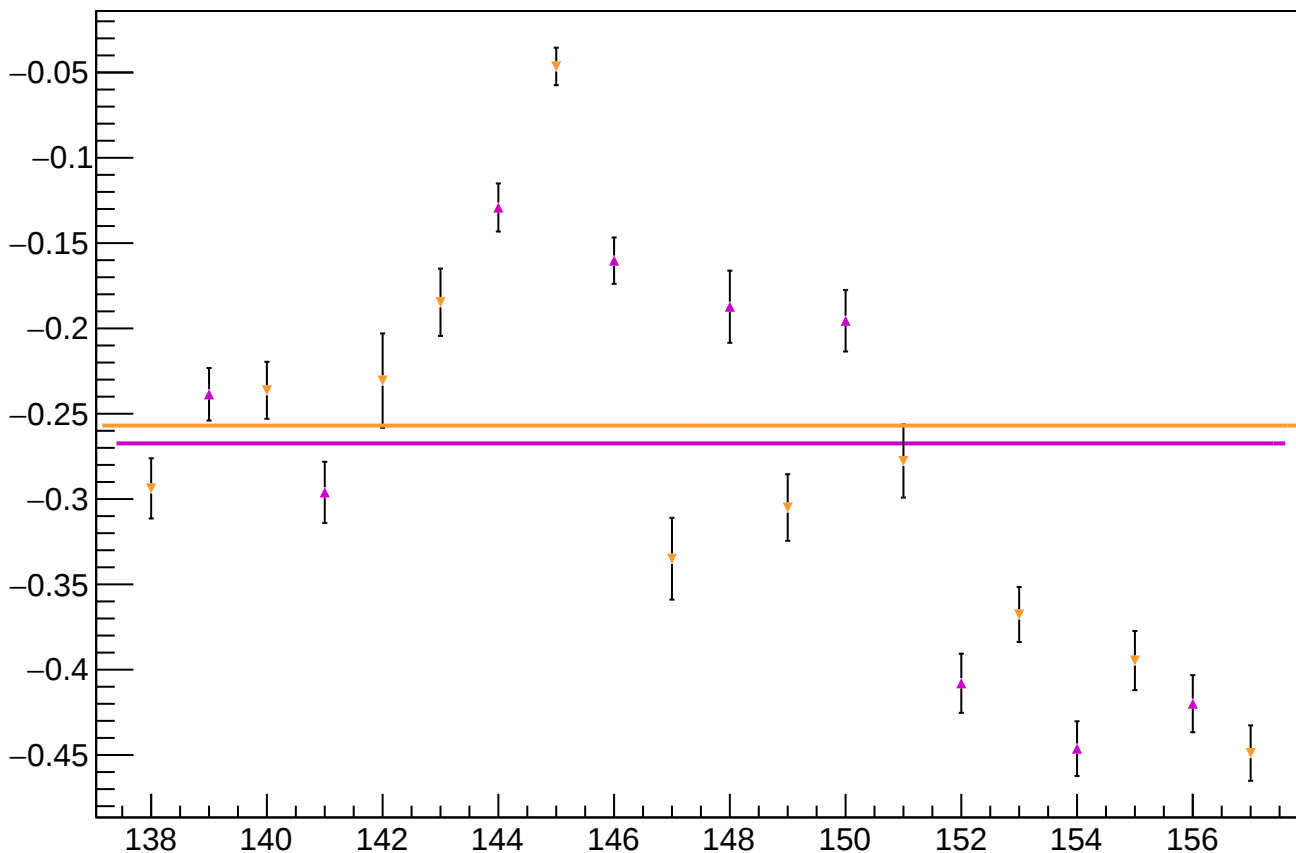
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.355+/-0.115 χ^2/NDF :1817.5/8

Out: 42.932+/-0.112 χ^2/NDF :1700.3/10

All: 41.676+/-0.080 χ^2/NDF : 3775.9/19

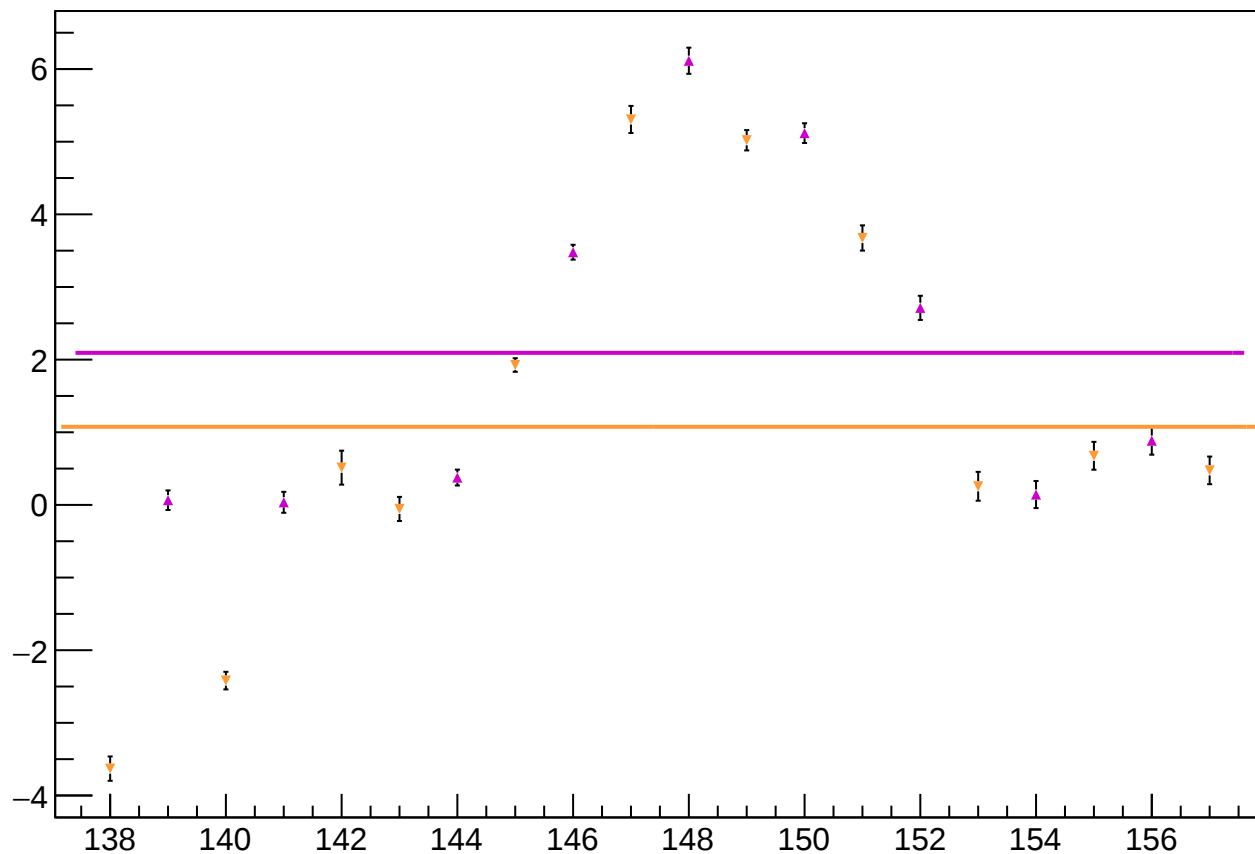
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.257+/-0.005 χ^2/NDF : 655.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.267+/-0.005 χ^2/NDF : 467.9/8

Left: -0.262+/-0.004 χ^2/NDF : 1125.0/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.267+/-0.005 χ^2/NDF : 467.9/8
 Out: -0.257+/-0.005 χ^2/NDF : 655.2/10
 All: -0.262+/-0.004 χ^2/NDF : 1125.0/19

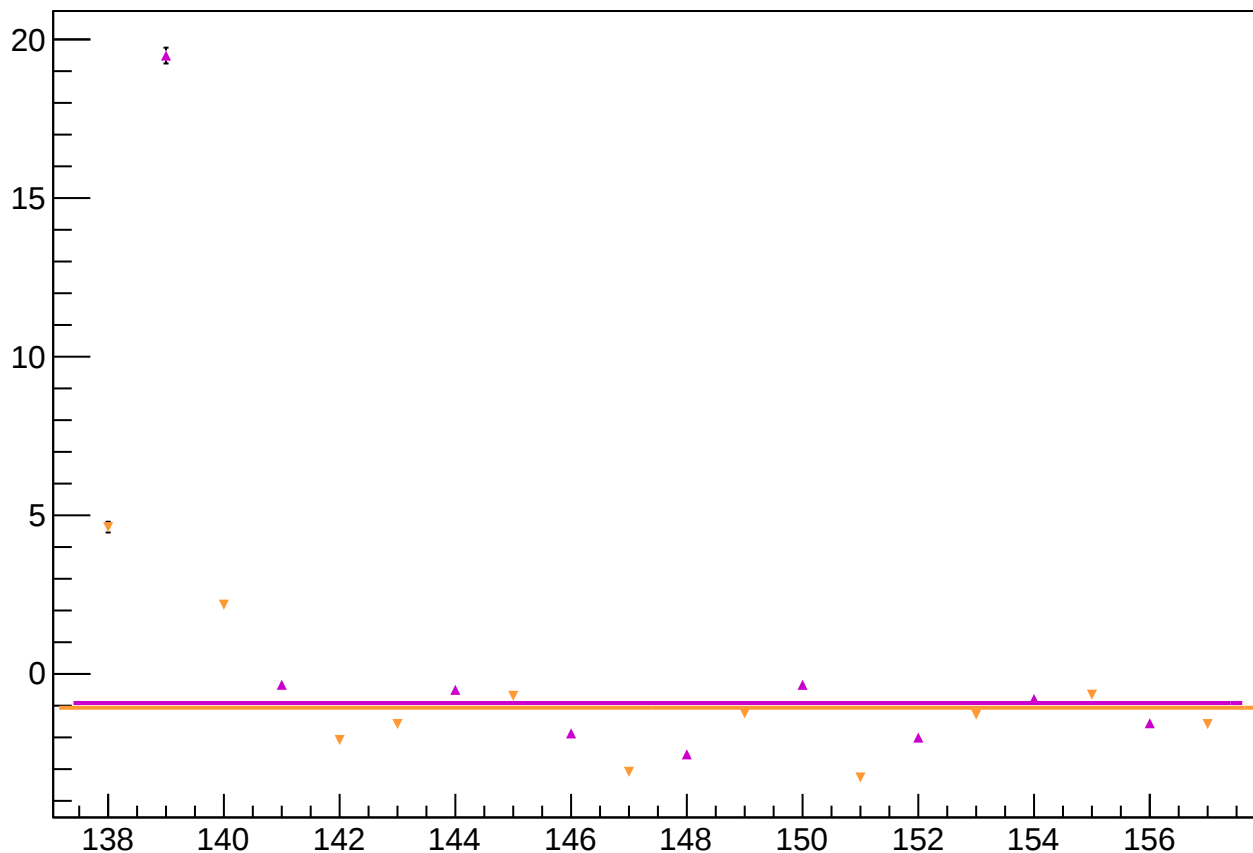
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.075+/-0.046 χ^2/NDF :3318.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.094+/-0.047 χ^2/NDF :2016.8/8

Left: 1.581+/-0.033 χ^2/NDF : 5575.1/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.094+/-0.047 χ^2/NDF :2016.8/8
 Out: 1.075+/-0.046 χ^2/NDF :3318.6/10
 All: 1.581+/-0.033 χ^2/NDF : 5575.1/19

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



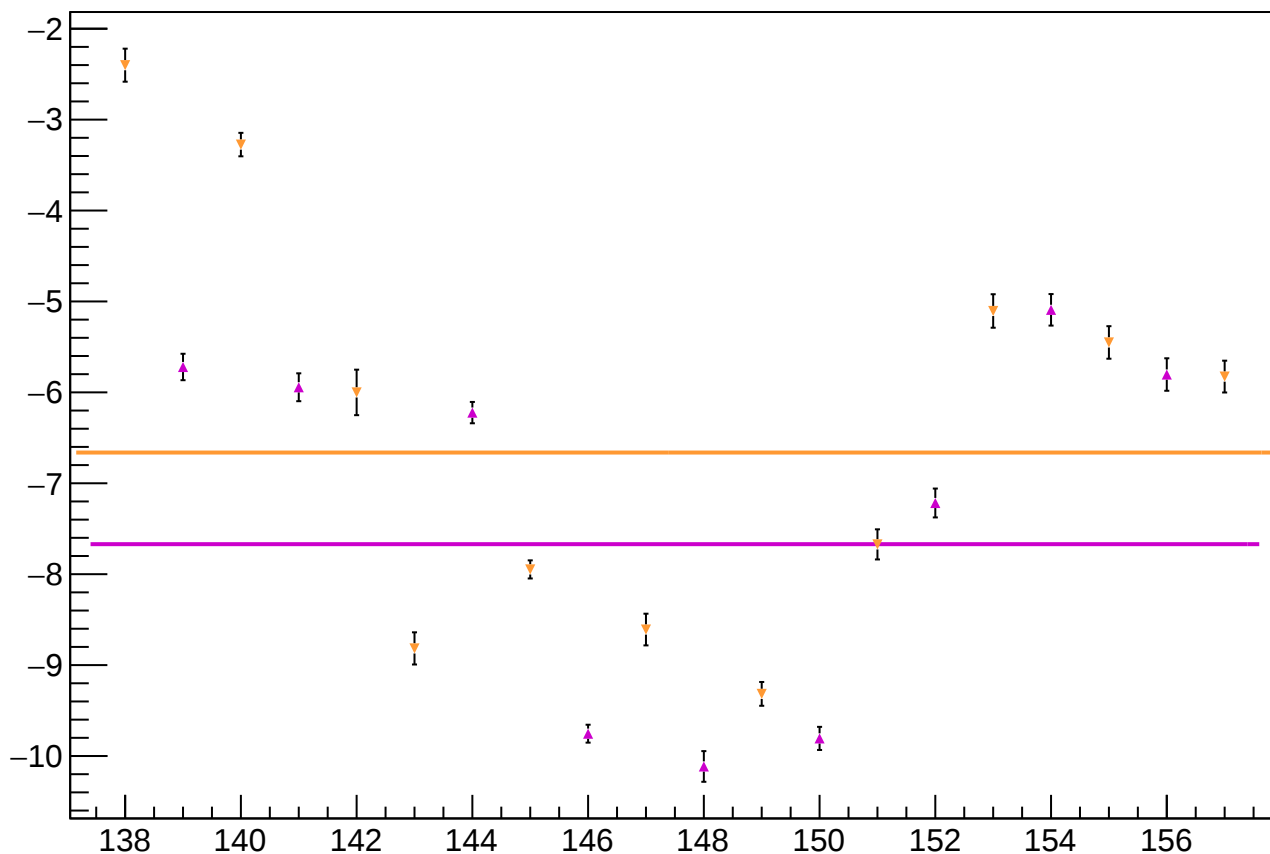
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.065+/-0.033 χ^2/NDF : 3274.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.915+/-0.033 χ^2/NDF : 7440.6/8

Left: -0.990+/-0.023 χ^2/NDF : 10725.0/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.915+/-0.033 χ^2/NDF : 7440.6/8
 Out: -1.065+/-0.033 χ^2/NDF : 3274.1/10

All: -0.990+/-0.023 χ^2/NDF : 10725.0/19

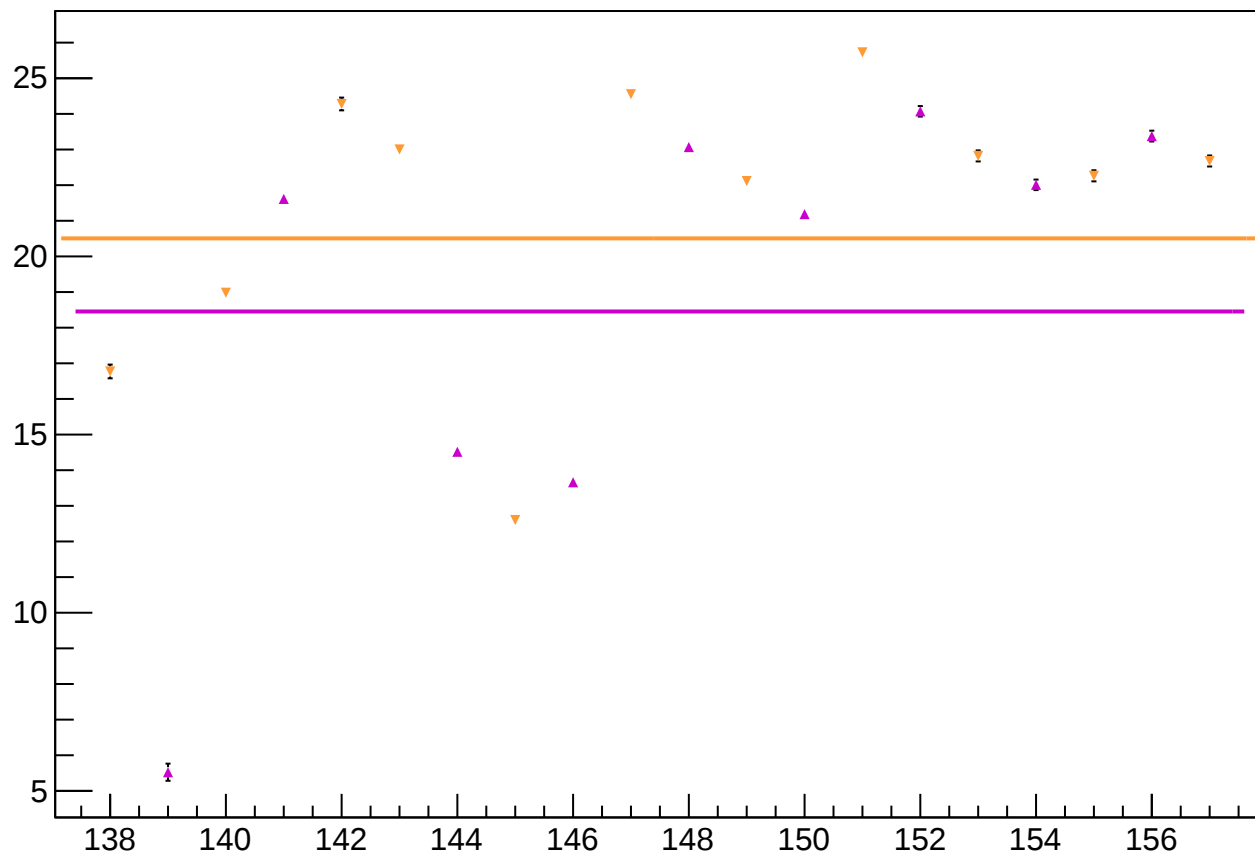
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.662+/-0.047 χ^2/NDF :2274.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.670+/-0.046 χ^2/NDF :1737.5/8

Left: -7.170+/-0.033 χ^2/NDF : 4247.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.670+/-0.046 χ^2/NDF :1737.5/8
 Out: -6.662+/-0.047 χ^2/NDF :2274.5/10
 All: -7.170+/-0.033 χ^2/NDF : 4247.5/19

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.506+/-0.039 χ^2/NDF :12764.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.454+/-0.040 χ^2/NDF :13878.8/8

Left: 19.485+/-0.028 χ^2/NDF : 27987.4/19

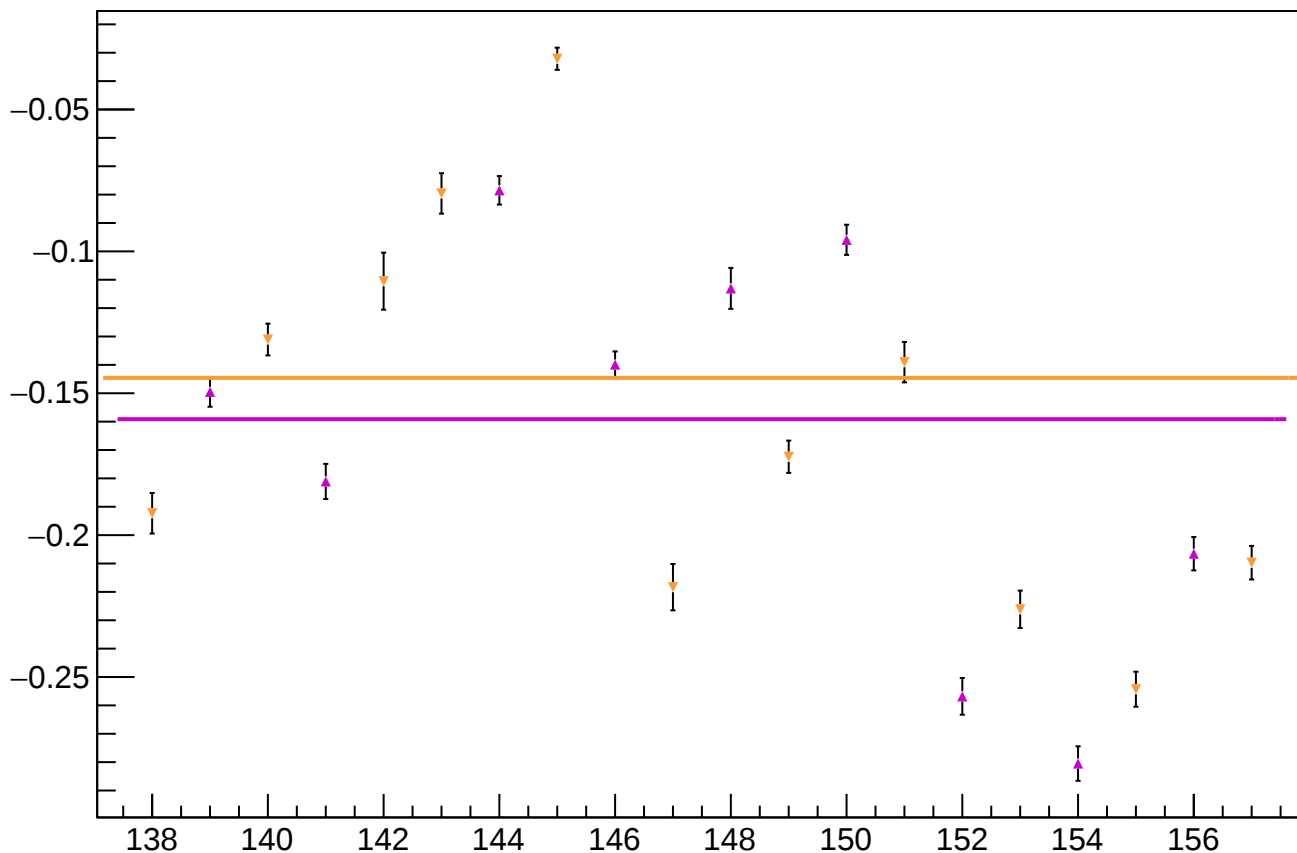
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.454+/-0.040 χ^2/NDF :13878.8/8

Out: 20.506+/-0.039 χ^2/NDF :12764.0/10

All: 19.485+/-0.028 χ^2/NDF : 27987.4/19

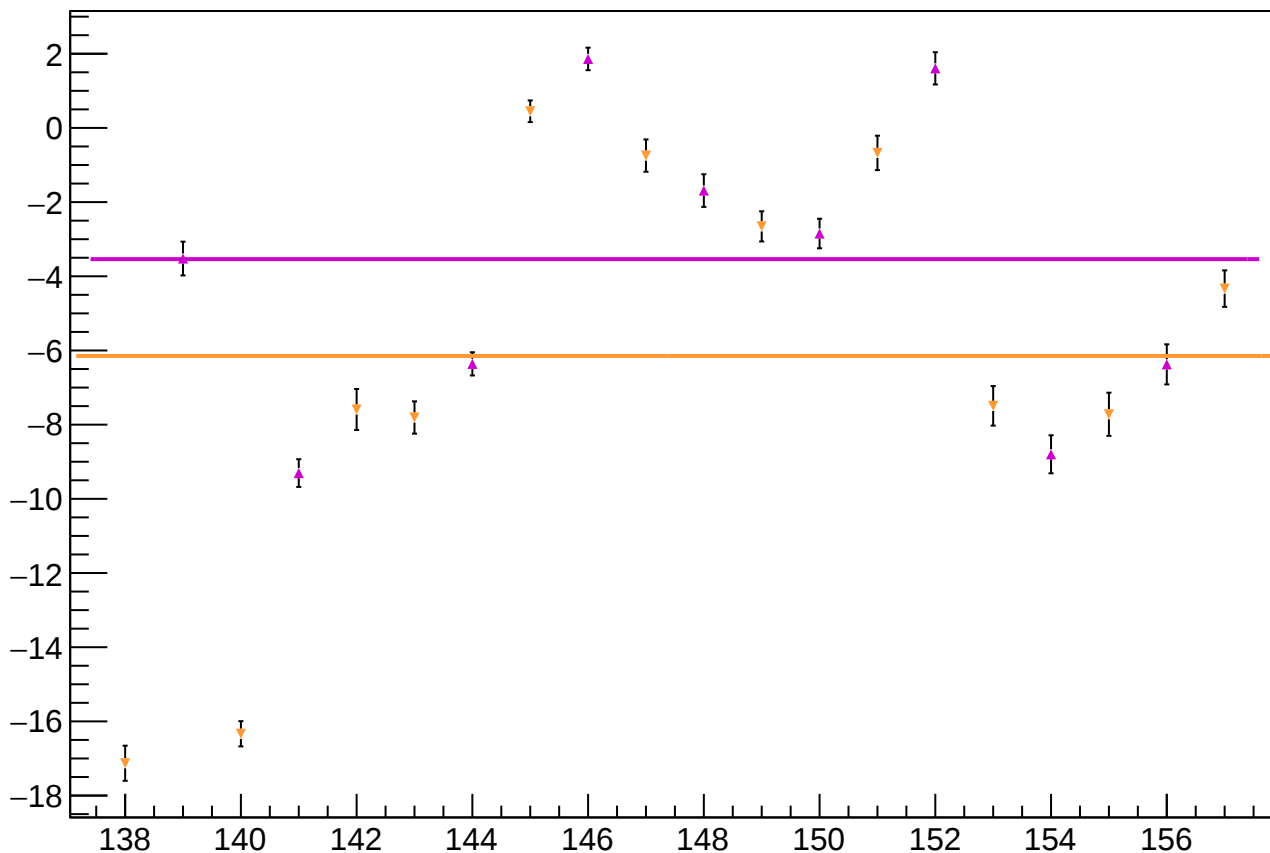
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.145+/-0.002 χ^2/NDF :1670.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.159+/-0.002 χ^2/NDF :1164.7/8

Left: -0.152+/-0.001 χ^2/NDF : 2865.3/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.159+/-0.002 χ^2/NDF :1164.7/8
 Out: -0.145+/-0.002 χ^2/NDF :1670.3/10
 All: -0.152+/-0.001 χ^2/NDF : 2865.3/19

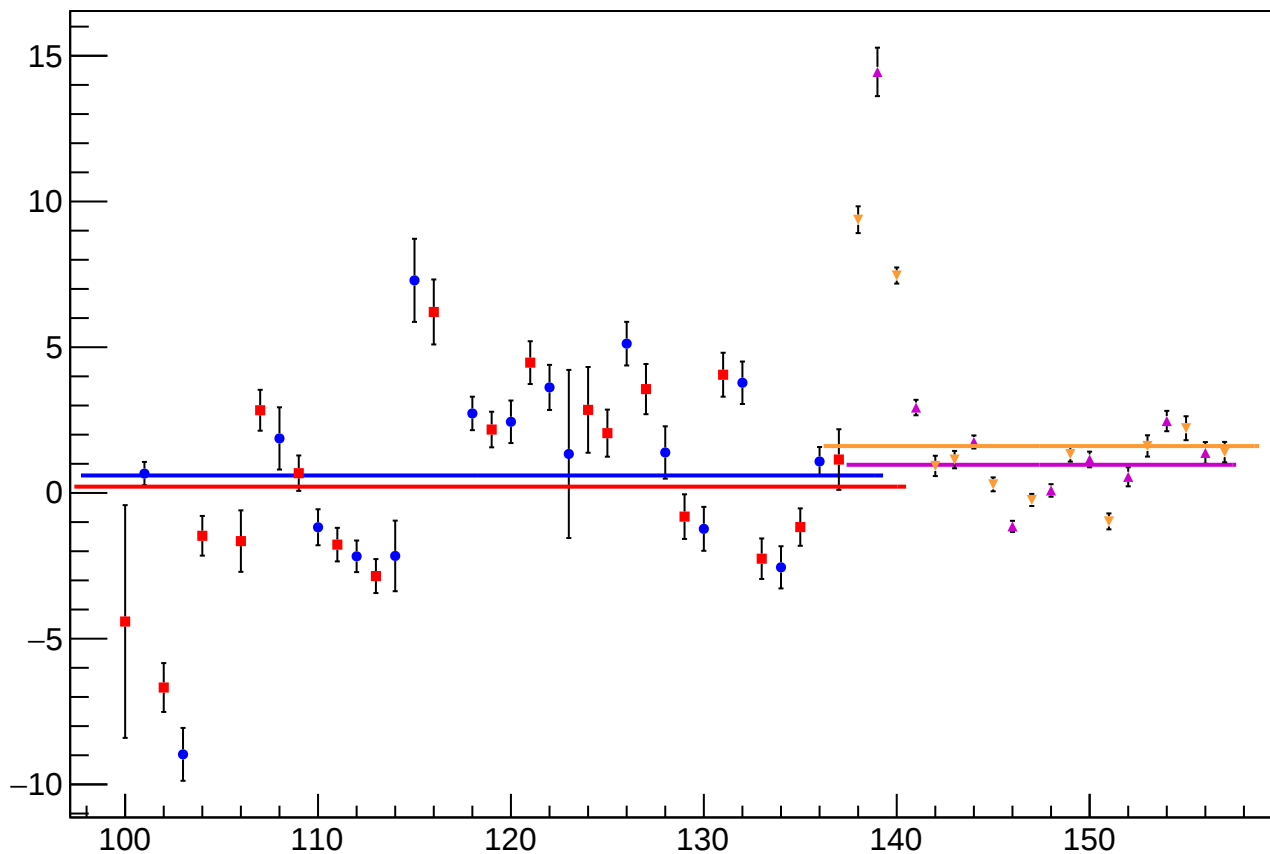
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.148+/-0.129 χ^2/NDF :2361.3/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.538+/-0.132 χ^2/NDF :929.1/8

Left: -4.875+/-0.092 χ^2/NDF : 3489.6/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.538+/-0.132 χ^2/NDF :929.1/8
 Out: -6.148+/-0.129 χ^2/NDF :2361.3/10
 All: -4.875+/-0.092 χ^2/NDF : 3489.6/19

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2/NDF : 291.9/16

Left Out: 1.608 $\pm$ 0.088 χ^2/NDF : 943.3/10

Right Out: 0.216 $\pm$ 0.175 χ^2/NDF : 274.5/18

Left In: 0.967 $\pm$ 0.090 χ^2/NDF : 490.9/8

Left: 1.293 $\pm$ 0.063 χ^2/NDF : 1460.1/19

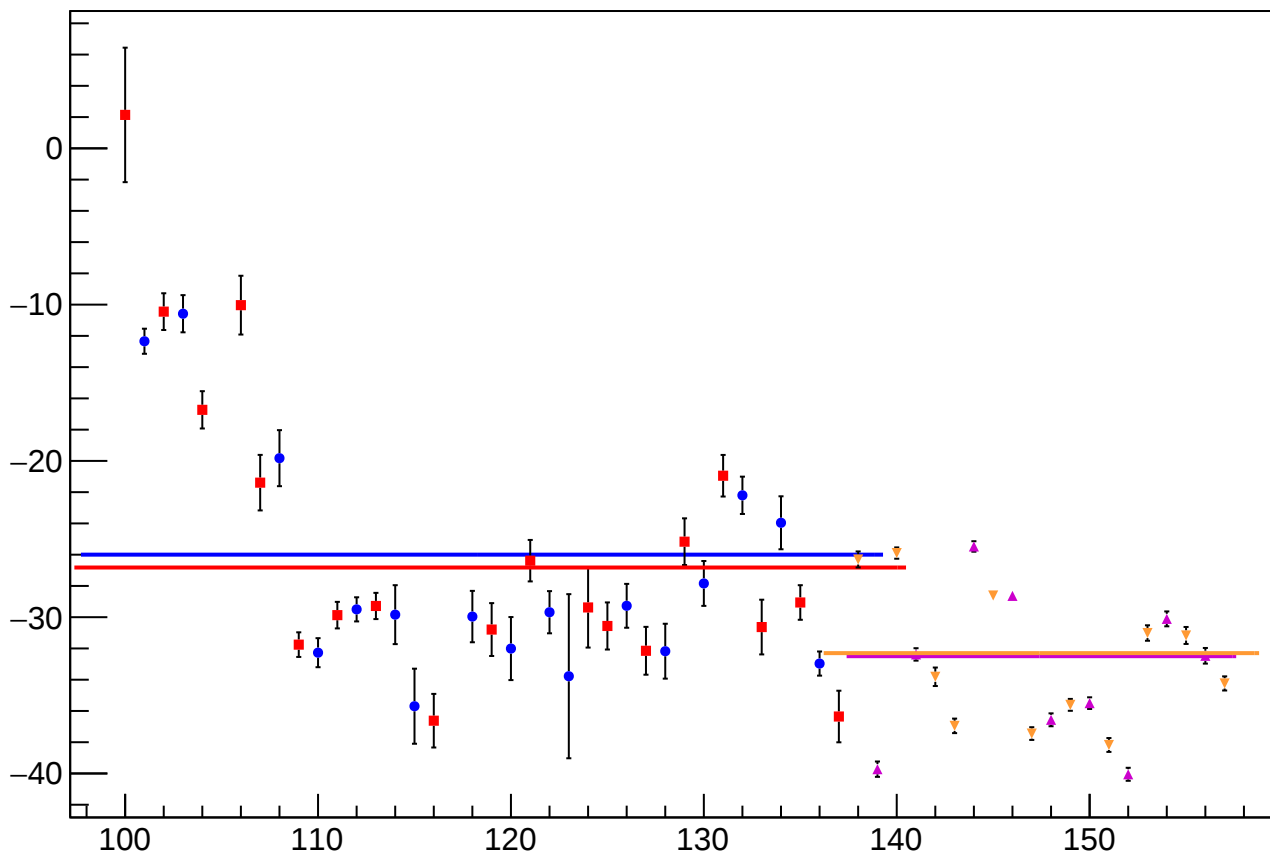
Right: 0.414 $\pm$ 0.122 χ^2/NDF : 568.9/35

In: 0.886 $\pm$ 0.079 χ^2/NDF : 786.5/25

Out: 1.324 $\pm$ 0.079 χ^2/NDF : 1268.4/29

All: 1.107 $\pm$ 0.056 χ^2/NDF : 2070.2/55

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.299 ± 0.129 χ^2/NDF : 1139.2/10

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -32.495 ± 0.131 χ^2/NDF : 1347.2/8

Left: -32.396 ± 0.092 χ^2/NDF : 2487.5/19

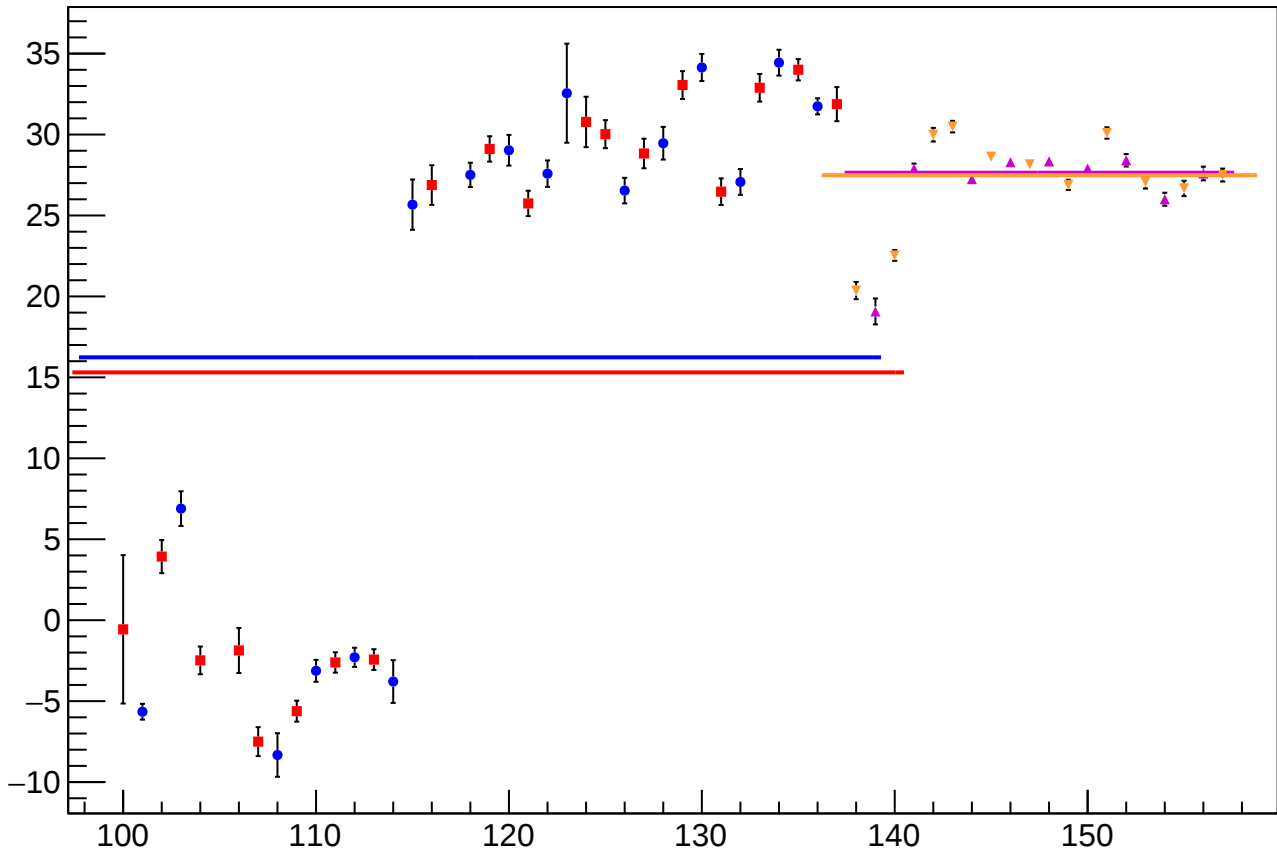
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.456 ± 0.120 χ^2/NDF : 2433.5/25

Out: -31.429 ± 0.119 χ^2/NDF : 2005.2/29

All: -31.443 ± 0.084 χ^2/NDF : 4438.8/55

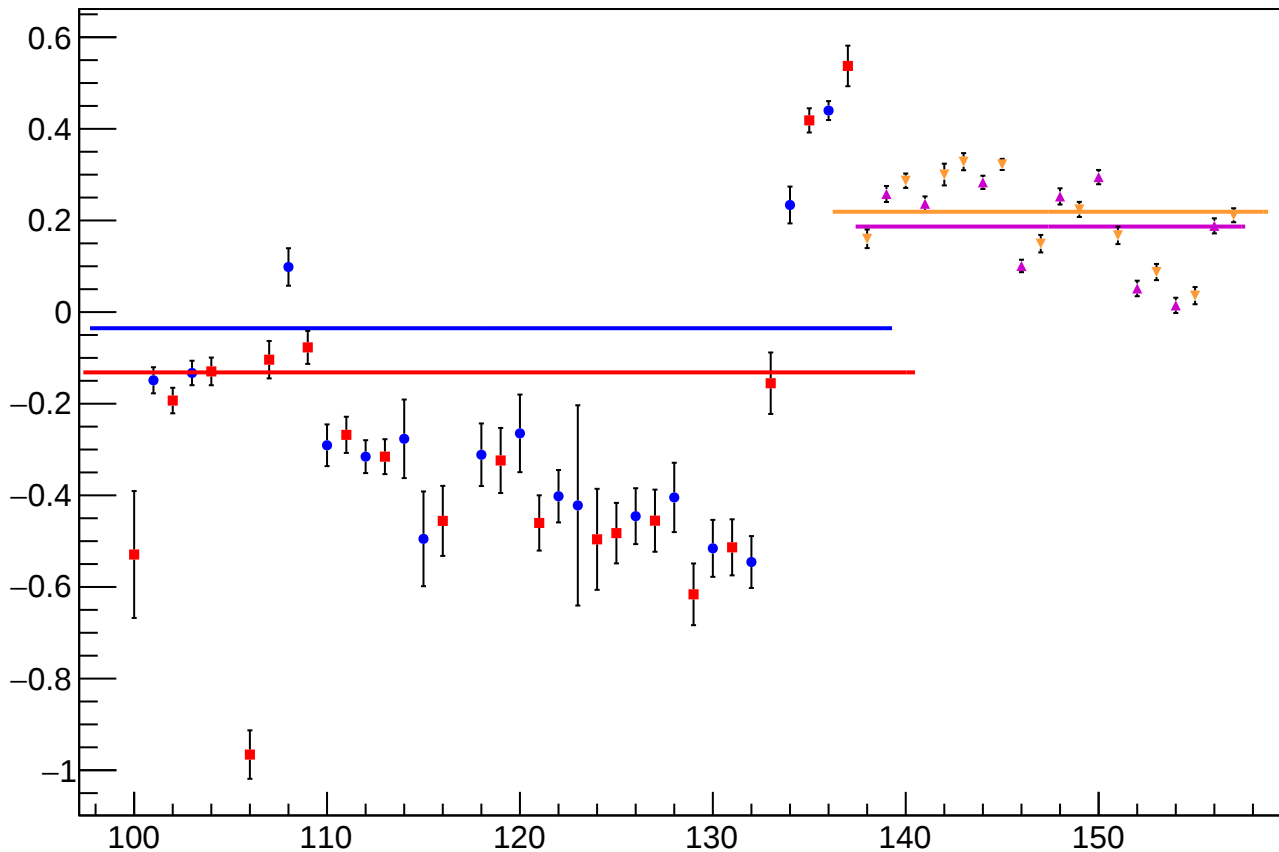
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16
 Left Out: 27.489 $\pm$ 0.108 χ^2 /NDF: 591.1/10
 Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18
 Left In: 27.643 $\pm$ 0.110 χ^2 /NDF: 151.0/8

Left: 27.564 $\pm$ 0.077 χ^2 /NDF: 743.1/19
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 24.819 $\pm$ 0.095 χ^2 /NDF: 10403.2/25
 Out: 24.682 $\pm$ 0.095 χ^2 /NDF: 10807.2/29
 All: 24.750 $\pm$ 0.067 χ^2 /NDF: 21211.4/55

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: 0.219 ± 0.005 χ^2/NDF : 316.9/10

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.187 ± 0.005 χ^2/NDF : 341.2/8

Left: 0.203 ± 0.004 χ^2/NDF : 677.1/19

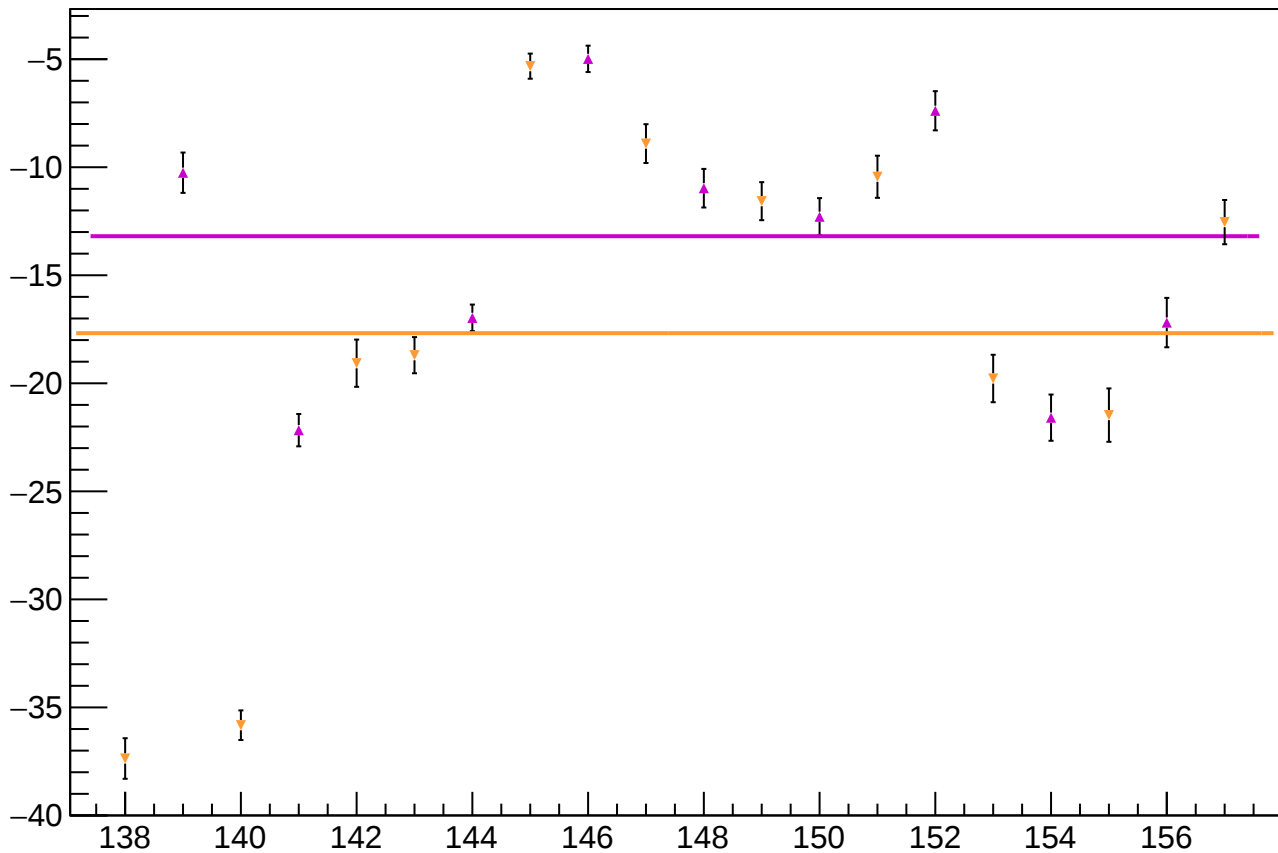
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.140 ± 0.005 χ^2/NDF : 1719.9/25

Out: 0.149 ± 0.005 χ^2/NDF : 2403.6/29

All: 0.145 ± 0.003 χ^2/NDF : 4125.4/55

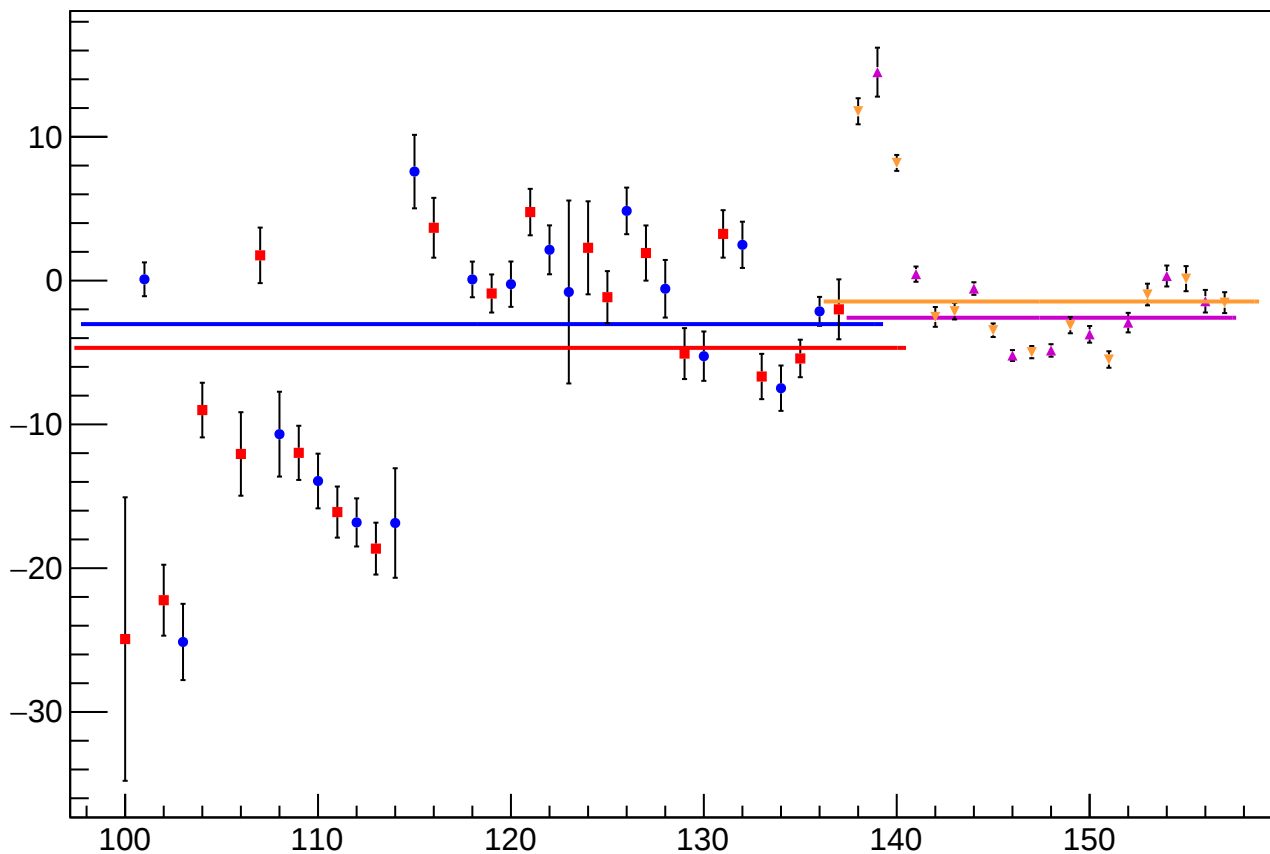
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.680+/-0.263 χ^2/NDF :1832.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -13.193+/-0.270 χ^2/NDF :494.4/8

Left: -15.498+/-0.188 χ^2/NDF : 2469.3/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -13.193+/-0.270 χ^2/NDF :494.4/8
 Out: -17.680+/-0.263 χ^2/NDF :1832.8/10
 All: -15.498+/-0.188 χ^2/NDF : 2469.3/19

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.453 ± 0.180 χ^2/NDF : 666.1/10

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.583 ± 0.182 χ^2/NDF : 252.9/8

Left: -2.012 ± 0.128 χ^2/NDF : 938.4/19

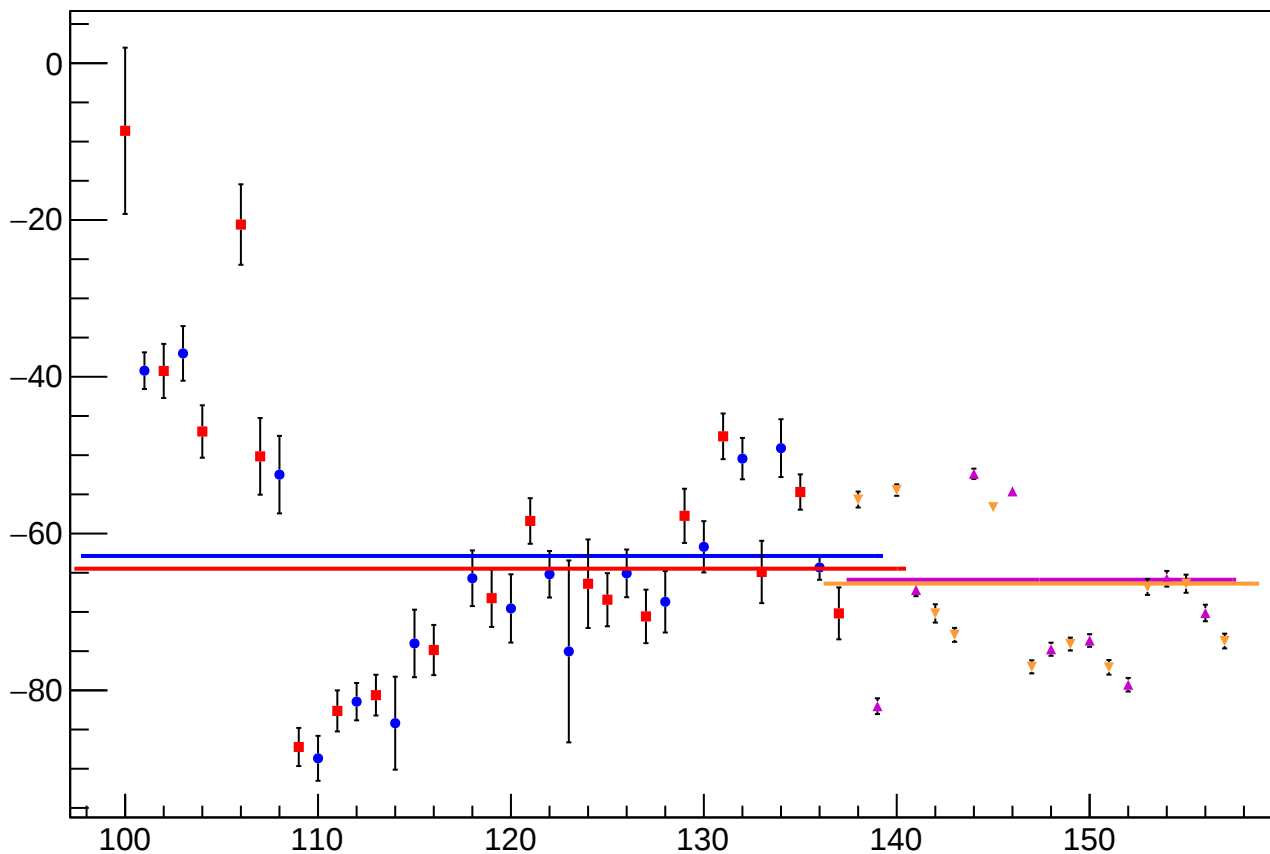
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.656 ± 0.166 χ^2/NDF : 534.5/25

Out: -1.943 ± 0.166 χ^2/NDF : 1013.7/29

All: -2.299 ± 0.118 χ^2/NDF : 1557.4/55

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: -66.386 ± 0.264 $\chi^2/\text{NDF}: 1132.1/10$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -65.892 ± 0.267 $\chi^2/\text{NDF}: 1509.1/8$

Left: -66.142 ± 0.188 $\chi^2/\text{NDF}: 2642.9/19$

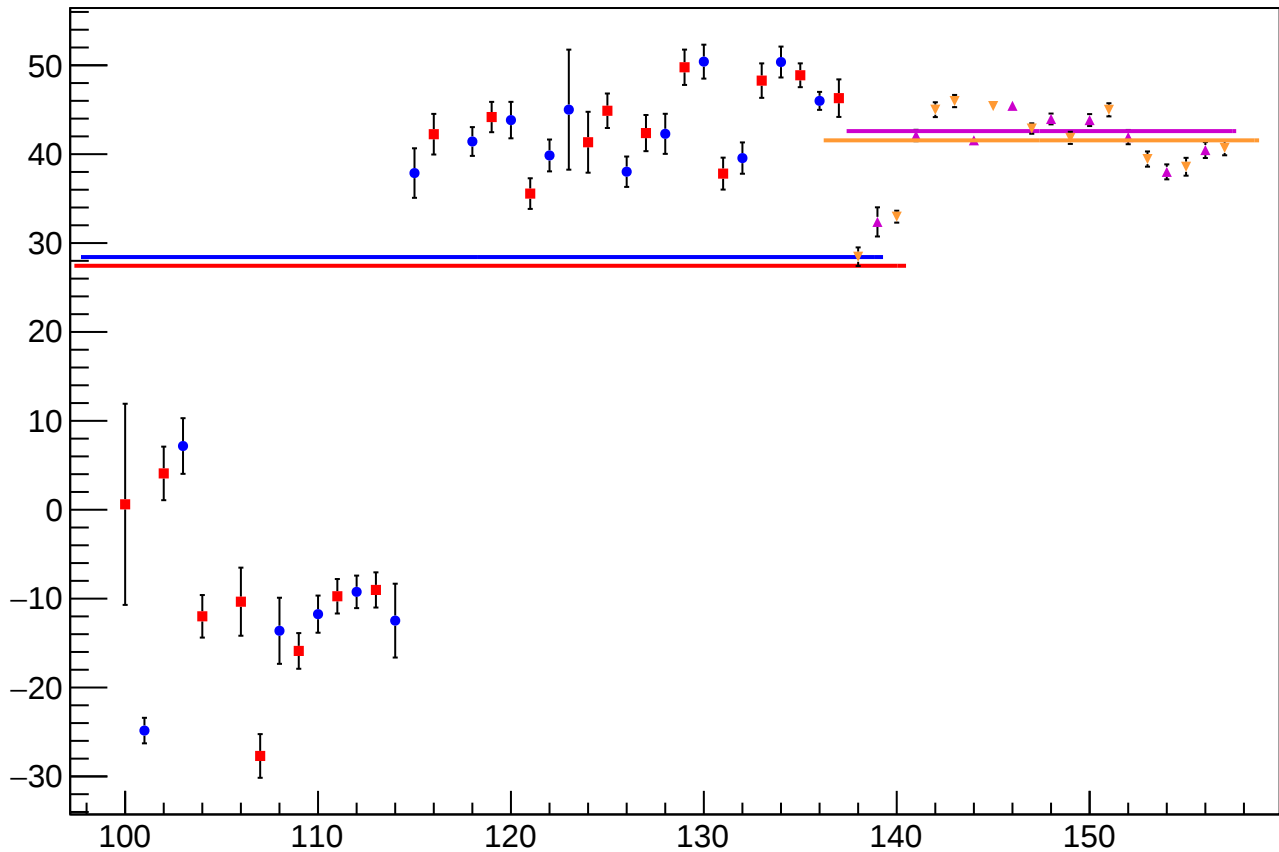
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -65.541 ± 0.251 $\chi^2/\text{NDF}: 1891.7/25$

Out: -66.177 ± 0.249 $\chi^2/\text{NDF}: 1581.8/29$

All: -65.862 ± 0.177 $\chi^2/\text{NDF}: 3476.7/55$

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: 41.554 $\pm$ 0.220 χ^2 /NDF:470.6/10

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 42.595 $\pm$ 0.223 χ^2 /NDF:123.5/8

Left: 42.066 $\pm$ 0.157 χ^2 /NDF: 605.1/19

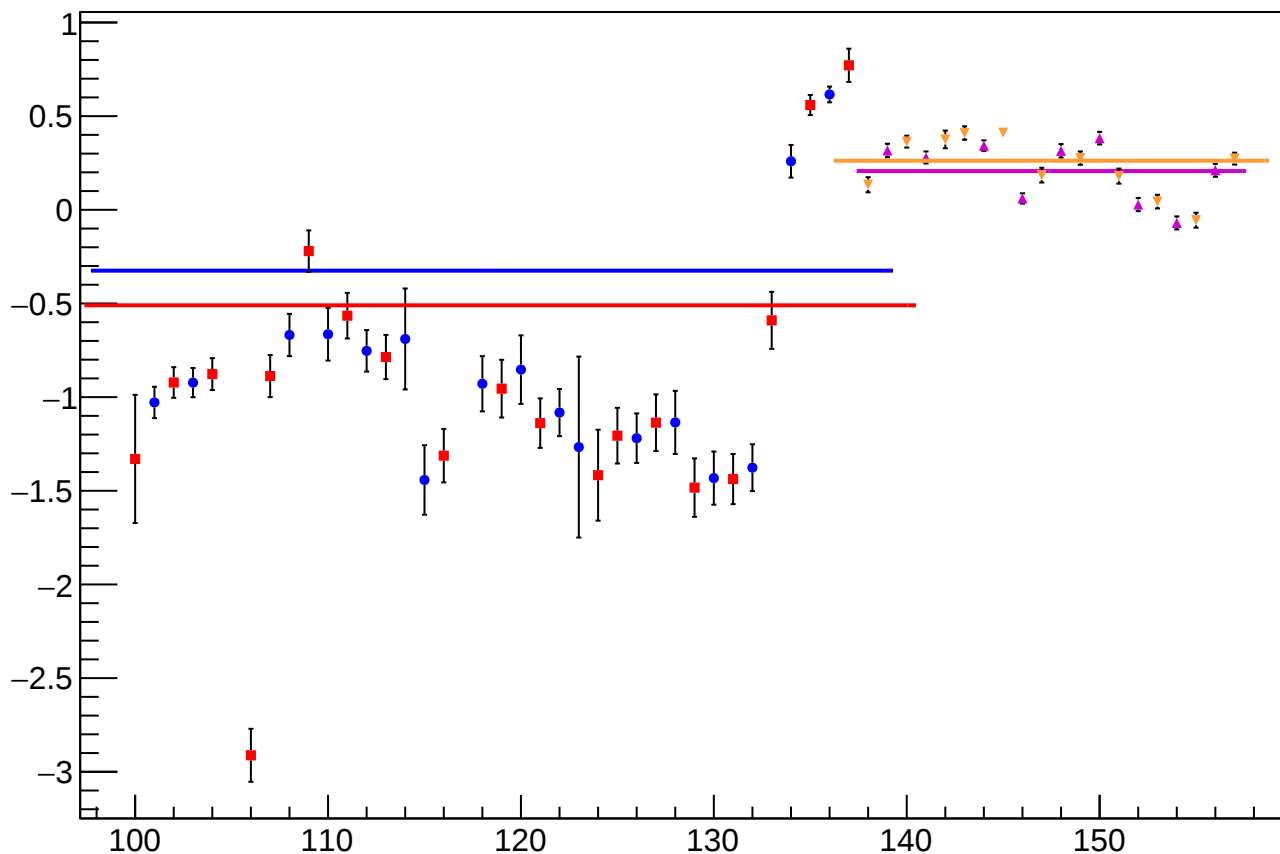
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.873 $\pm$ 0.201 χ^2 /NDF:4219.9/25

Out: 39.096 $\pm$ 0.200 χ^2 /NDF:4222.5/29

All: 39.483 $\pm$ 0.142 χ^2 /NDF: 8449.9/55

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: 0.262 ± 0.011 χ^2/NDF : 188.9/10

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.207 ± 0.011 χ^2/NDF : 190.2/8

Left: 0.235 ± 0.008 χ^2/NDF : 392.3/19

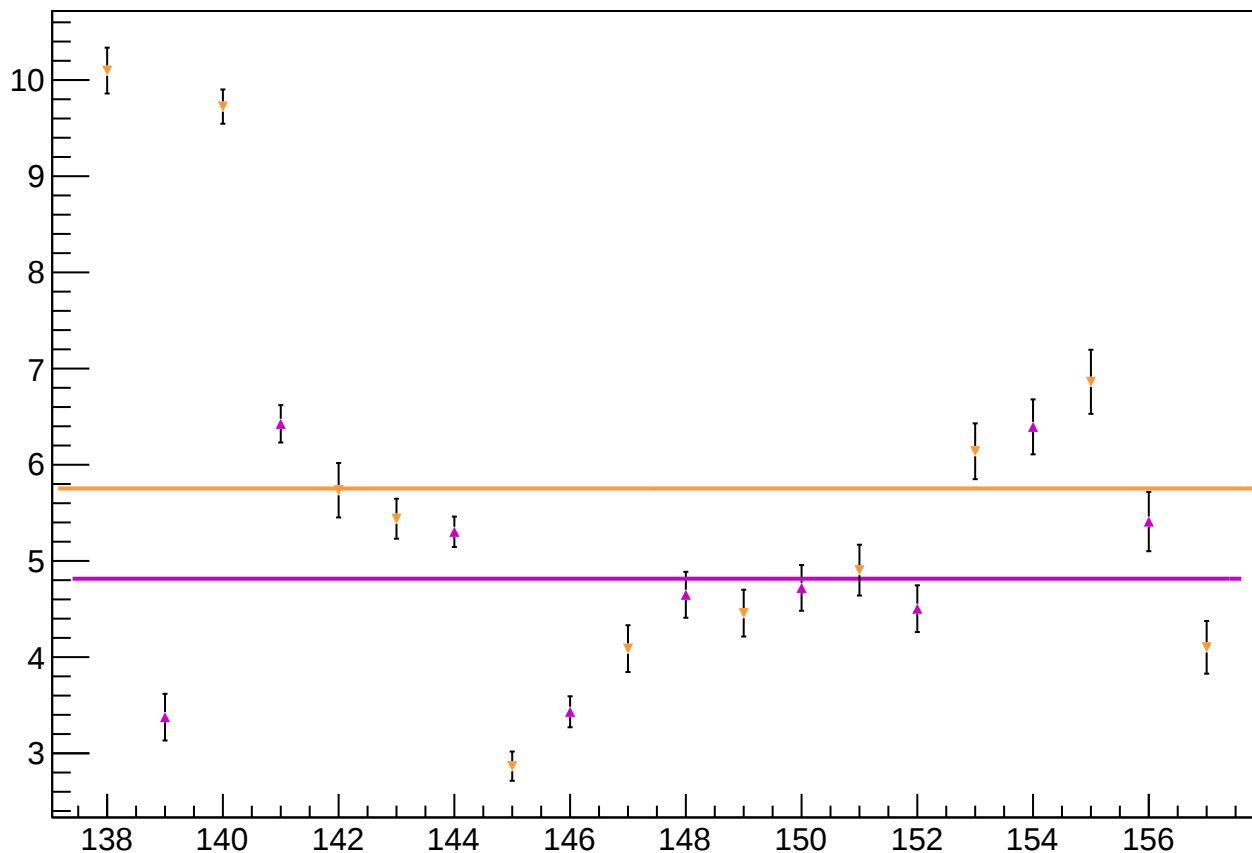
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.121 ± 0.010 χ^2/NDF : 1584.1/25

Out: 0.150 ± 0.010 χ^2/NDF : 2130.0/29

All: 0.136 ± 0.007 χ^2/NDF : 3718.4/55

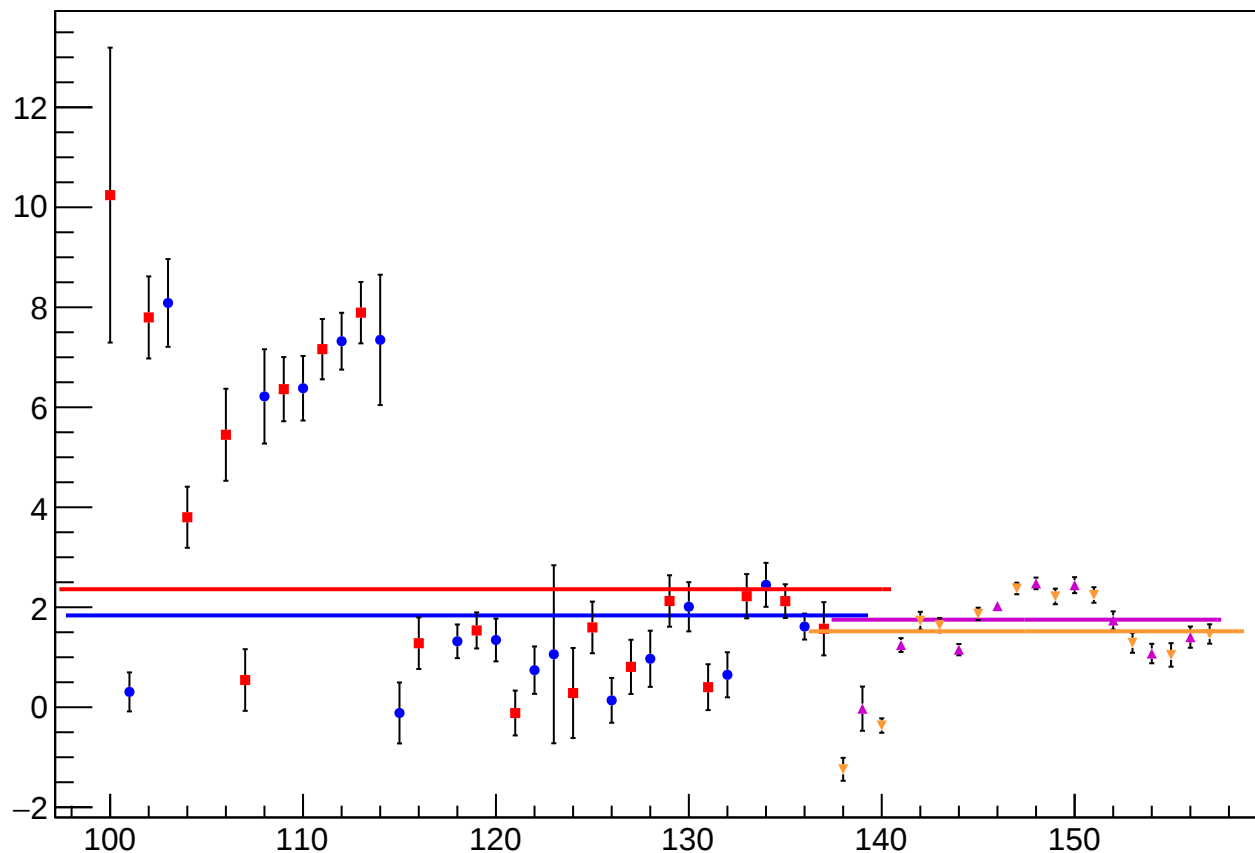
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.753+/-0.069 χ^2/NDF :1326.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.815+/-0.071 χ^2/NDF :223.5/8

Left: 5.300+/-0.050 χ^2/NDF : 1639.7/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.815+/-0.071 χ^2/NDF :223.5/8
 Out: 5.753+/-0.069 χ^2/NDF :1326.8/10
 All: 5.300+/-0.050 χ^2/NDF : 1639.7/19

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.520 $\pm$ 0.048 χ^2 /NDF:428.2/10

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.752 $\pm$ 0.048 χ^2 /NDF:138.4/8

Left: 1.635 $\pm$ 0.034 χ^2 /NDF: 578.3/19

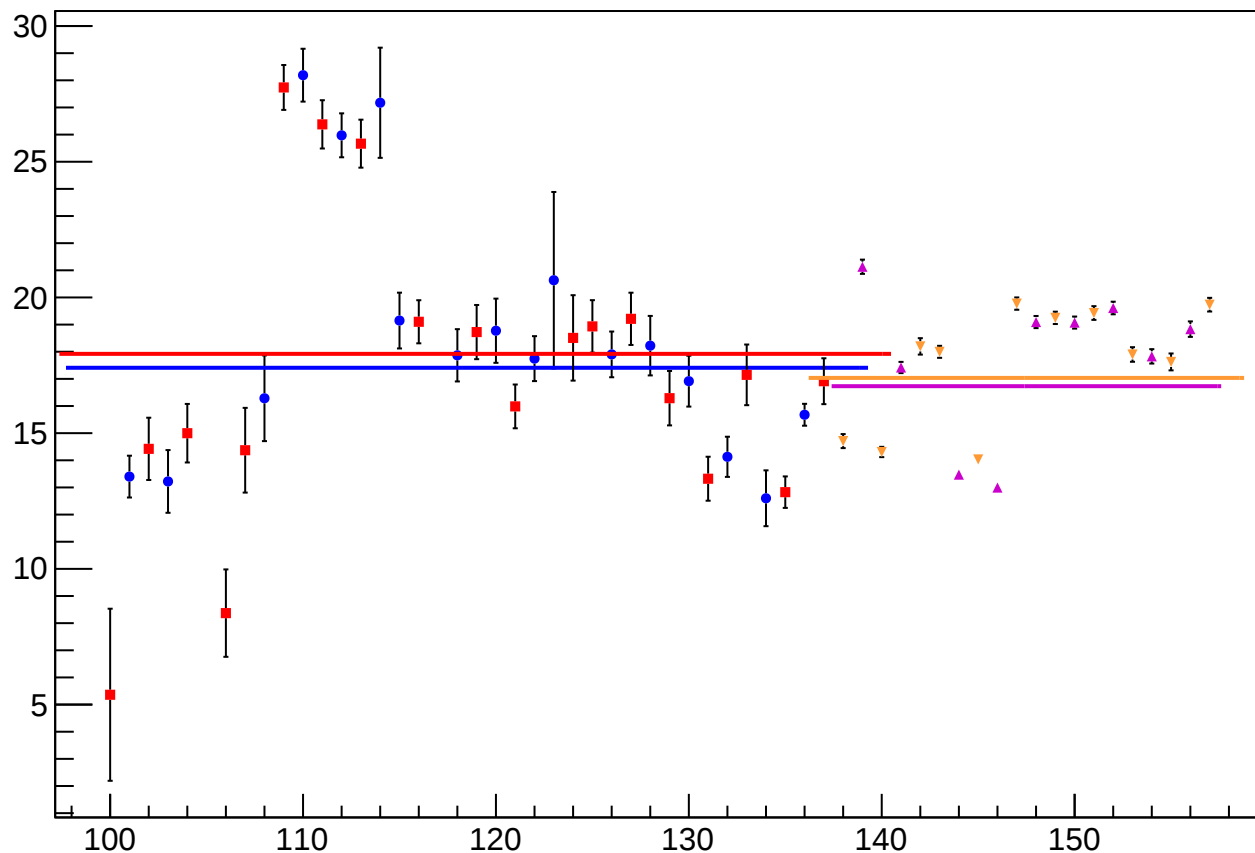
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.764 $\pm$ 0.044 χ^2 /NDF:432.9/25

Out: 1.630 $\pm$ 0.044 χ^2 /NDF:806.1/29

All: 1.697 $\pm$ 0.031 χ^2 /NDF: 1243.6/55

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$

Left Out: 17.036 ± 0.070 $\chi^2/\text{NDF}: 1124.4/10$

Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$

Left In: 16.731 ± 0.071 $\chi^2/\text{NDF}: 1692.0/8$

Left: 16.886 ± 0.050 $\chi^2/\text{NDF}: 2825.8/19$

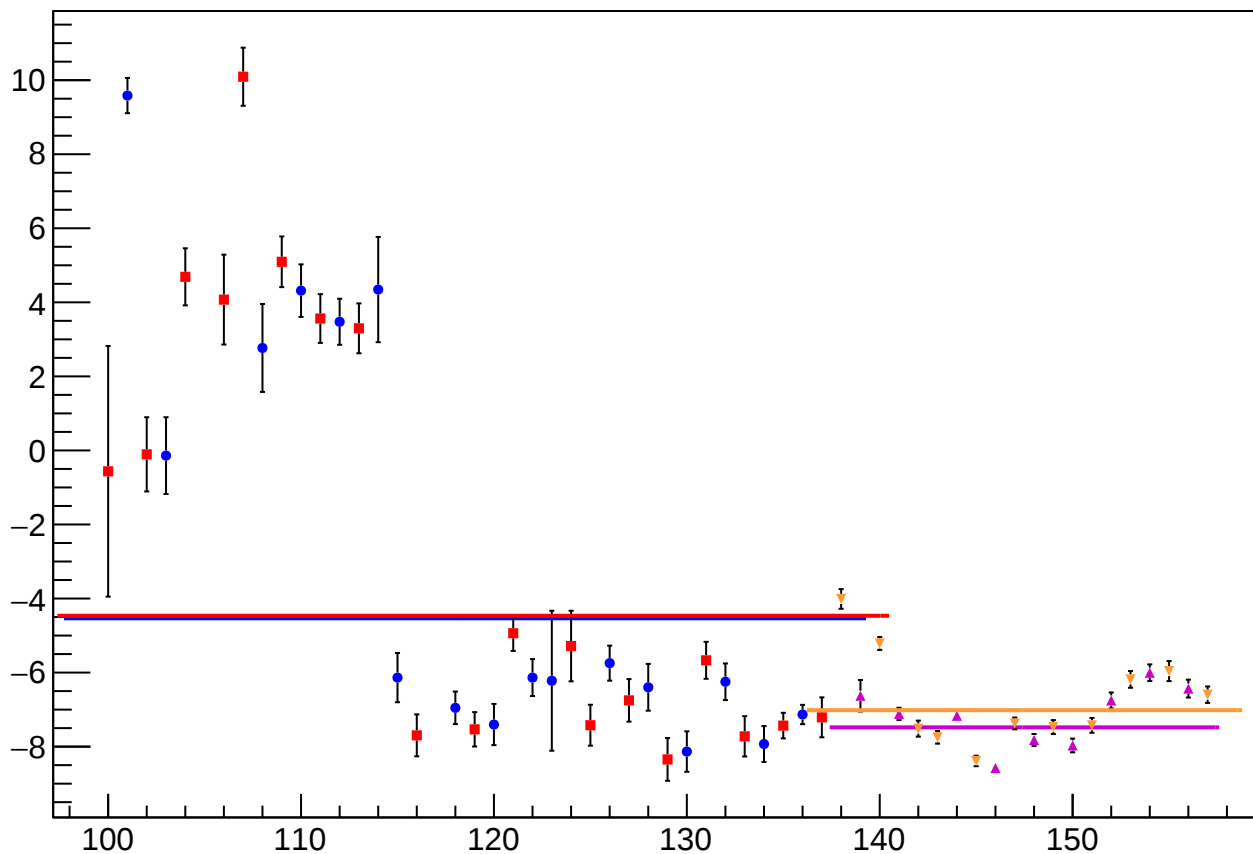
Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$

In: 16.799 ± 0.067 $\chi^2/\text{NDF}: 2066.3/25$

Out: 17.117 ± 0.066 $\chi^2/\text{NDF}: 1645.8/29$

All: 16.960 ± 0.047 $\chi^2/\text{NDF}: 3723.5/55$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.016 ± 0.058 χ^2/NDF : 398.8/10

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.480 ± 0.059 χ^2/NDF : 176.9/8

Left: -7.244 ± 0.041 χ^2/NDF : 607.2/19

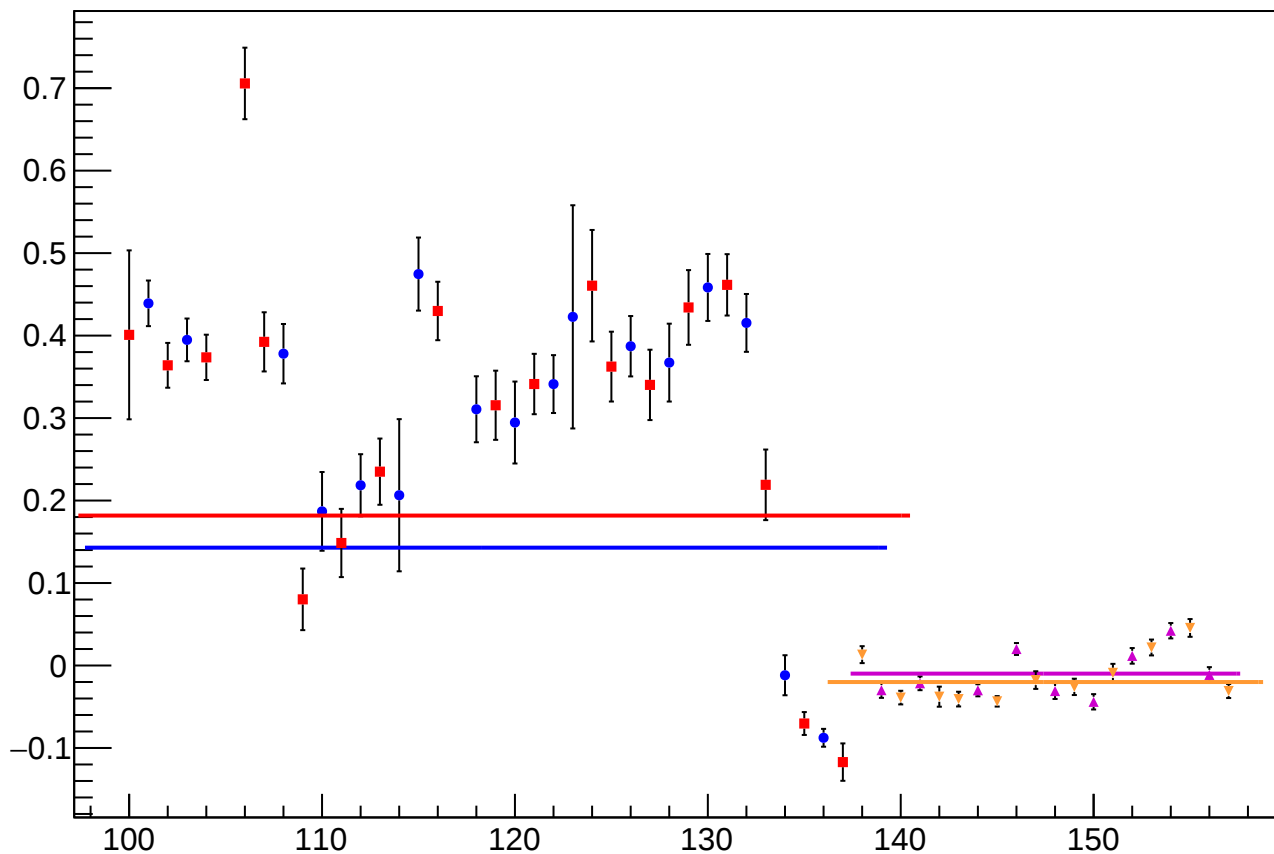
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.975 ± 0.054 χ^2/NDF : 2193.3/25

Out: -6.628 ± 0.053 χ^2/NDF : 2034.3/29

All: -6.801 ± 0.038 χ^2/NDF : 4248.6/55

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.020 ± 0.003 $\chi^2/\text{NDF}: 96.0/10$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 85.9/8$

Left: -0.015 ± 0.002 $\chi^2/\text{NDF}: 188.4/19$

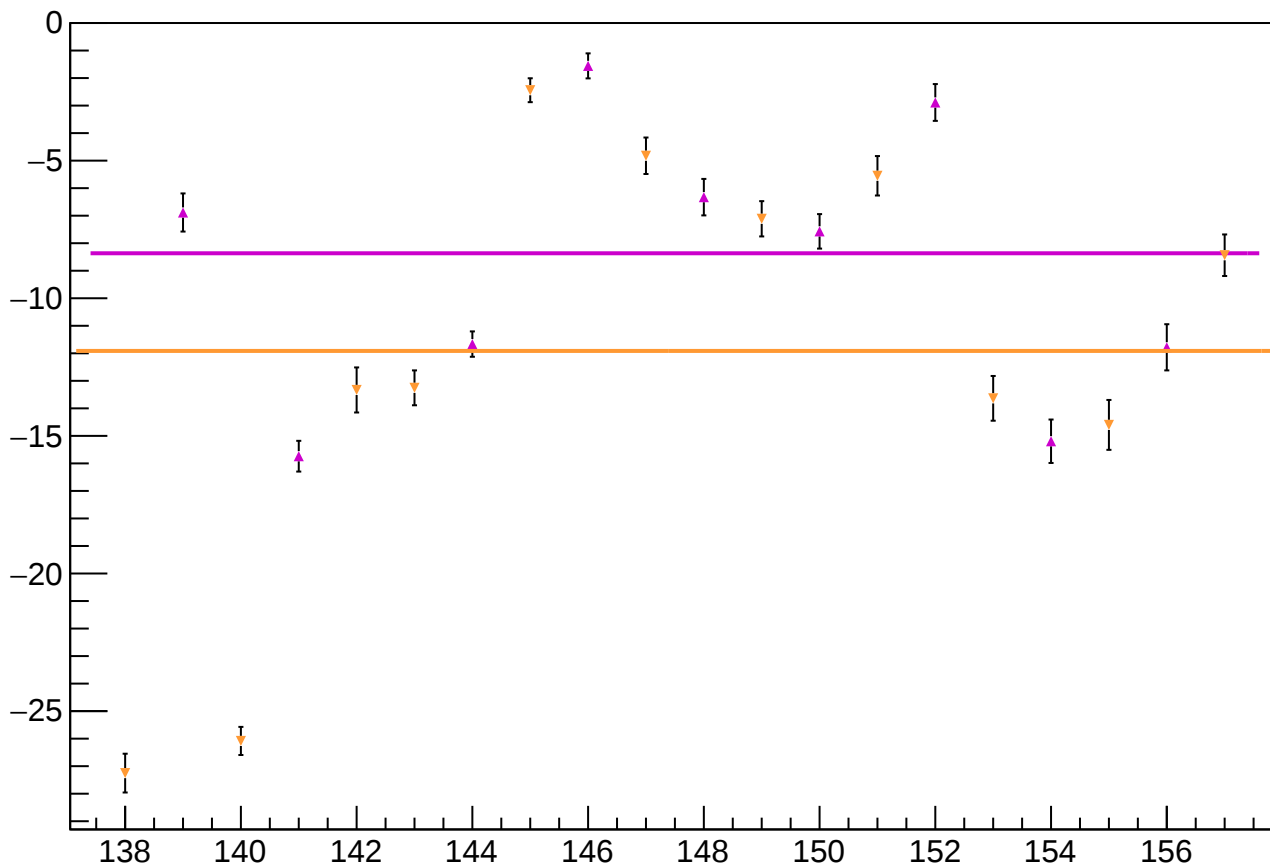
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.012 ± 0.003 $\chi^2/\text{NDF}: 1546.2/25$

Out: 0.005 ± 0.003 $\chi^2/\text{NDF}: 1758.4/29$

All: 0.008 ± 0.002 $\chi^2/\text{NDF}: 3308.0/55$

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: -11.914+/-0.195 χ^2/NDF :2011.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.366+/-0.200 χ^2/NDF :624.2/8

Left: -10.187+/-0.140 χ^2/NDF : 2796.8/19

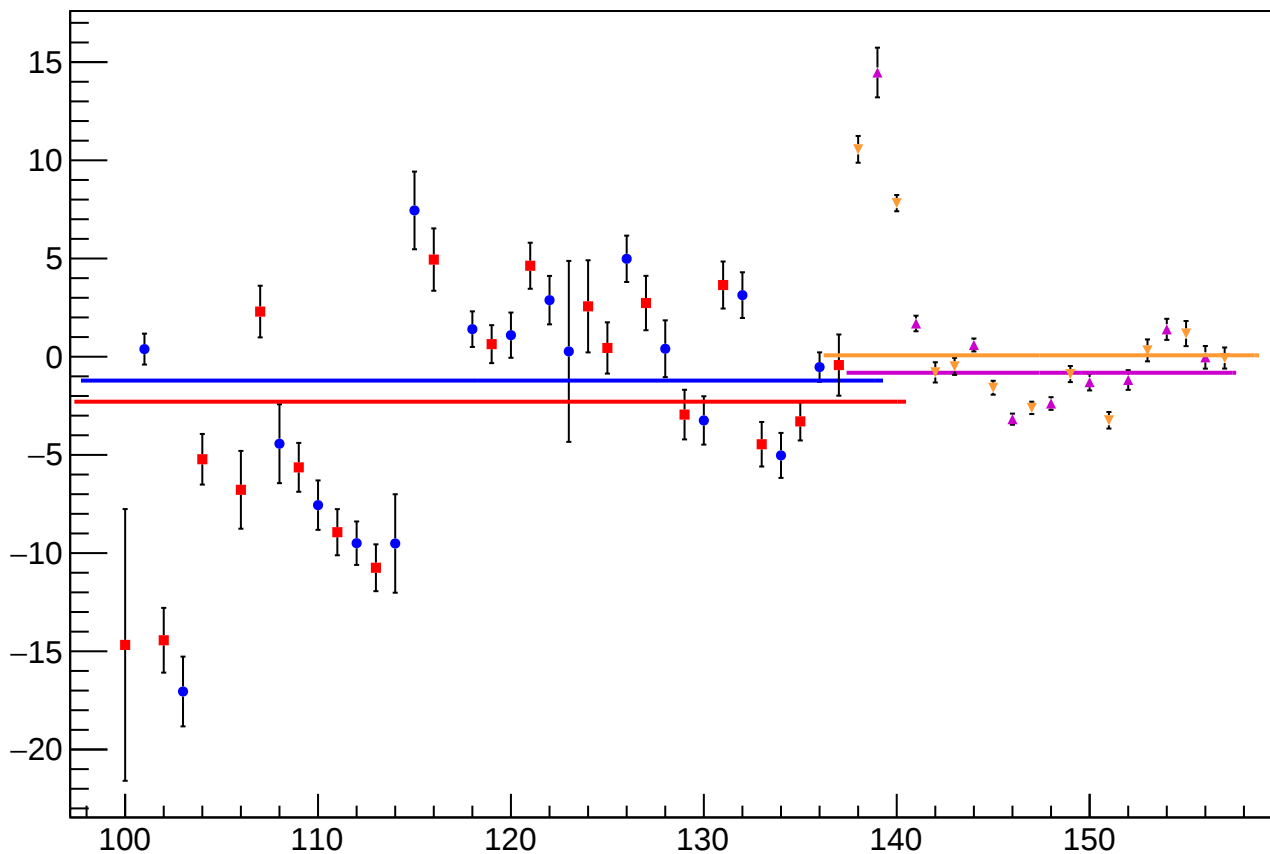
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.366+/-0.200 χ^2/NDF :624.2/8

Out: -11.914+/-0.195 χ^2/NDF :2011.6/10

All: -10.187+/-0.140 χ^2/NDF : 2796.8/19

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: 0.072 ± 0.134 $\chi^2/\text{NDF}: 756.1/10$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: -0.817 ± 0.136 $\chi^2/\text{NDF}: 318.8/8$

Left: -0.367 ± 0.095 $\chi^2/\text{NDF}: 1096.7/19$

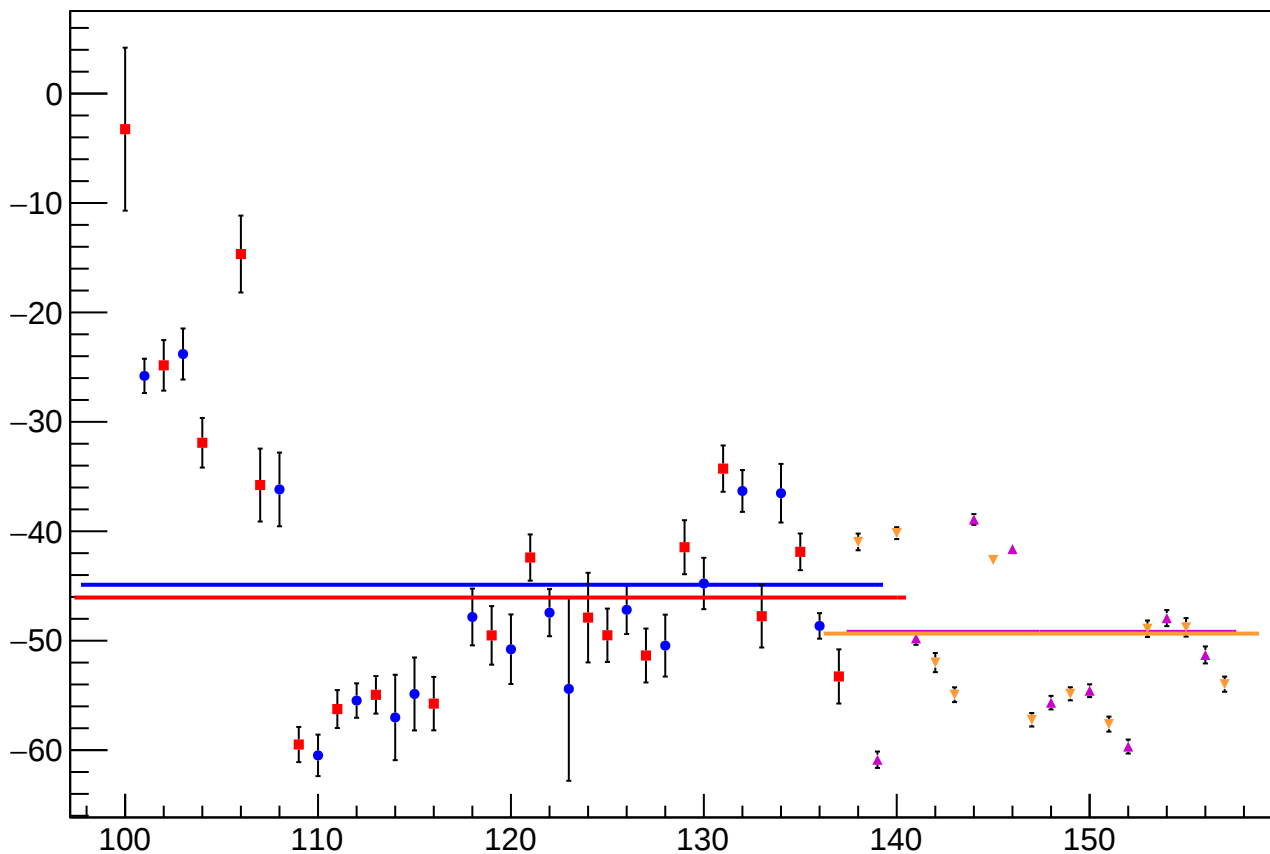
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -0.889 ± 0.123 $\chi^2/\text{NDF}: 599.1/25$

Out: -0.315 ± 0.122 $\chi^2/\text{NDF}: 1094.3/29$

All: -0.601 ± 0.087 $\chi^2/\text{NDF}: 1704.4/55$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -49.351 ± 0.196 $\chi^2/\text{NDF}: 1133.8/10$

Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

Left In: -49.190 ± 0.198 $\chi^2/\text{NDF}: 1448.9/8$

Left: -49.272 ± 0.139 $\chi^2/\text{NDF}: 2582.9/19$

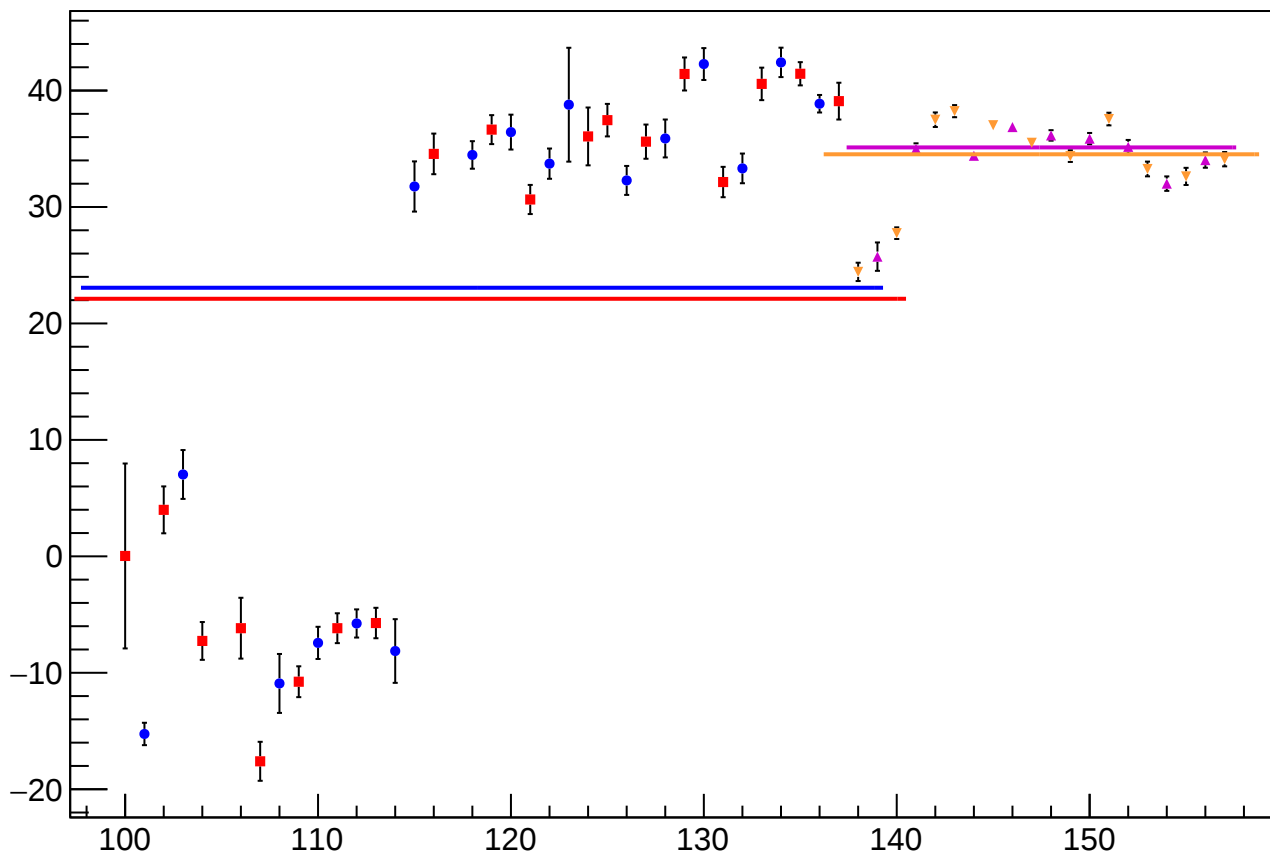
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -48.650 ± 0.185 $\chi^2/\text{NDF}: 1928.4/25$

Out: -48.953 ± 0.184 $\chi^2/\text{NDF}: 1621.7/29$

All: -48.803 ± 0.130 $\chi^2/\text{NDF}: 3551.4/55$

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: 34.526 $\pm$ 0.163 χ^2 /NDF:505.4/10

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.117 $\pm$ 0.166 χ^2 /NDF:122.2/8

Left: 34.817 $\pm$ 0.116 χ^2 /NDF: 634.0/19

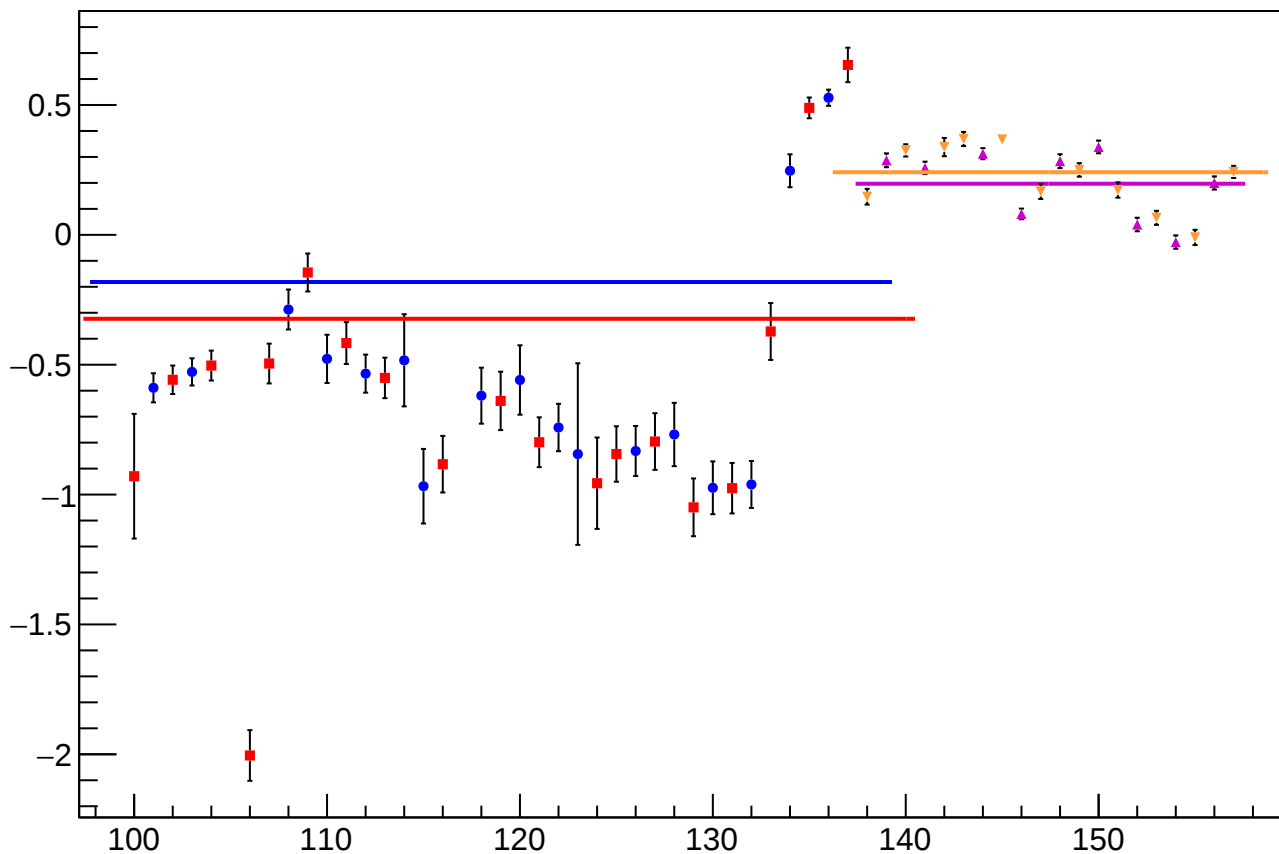
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.648 $\pm$ 0.148 χ^2 /NDF:5538.5/25

Out: 32.203 $\pm$ 0.147 χ^2 /NDF:5622.9/29

All: 32.424 $\pm$ 0.104 χ^2 /NDF: 11166.0/55

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: 0.241 ± 0.008 χ^2/NDF : 228.7/10

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.197 ± 0.008 χ^2/NDF : 236.1/8

Left: 0.220 ± 0.006 χ^2/NDF : 480.2/19

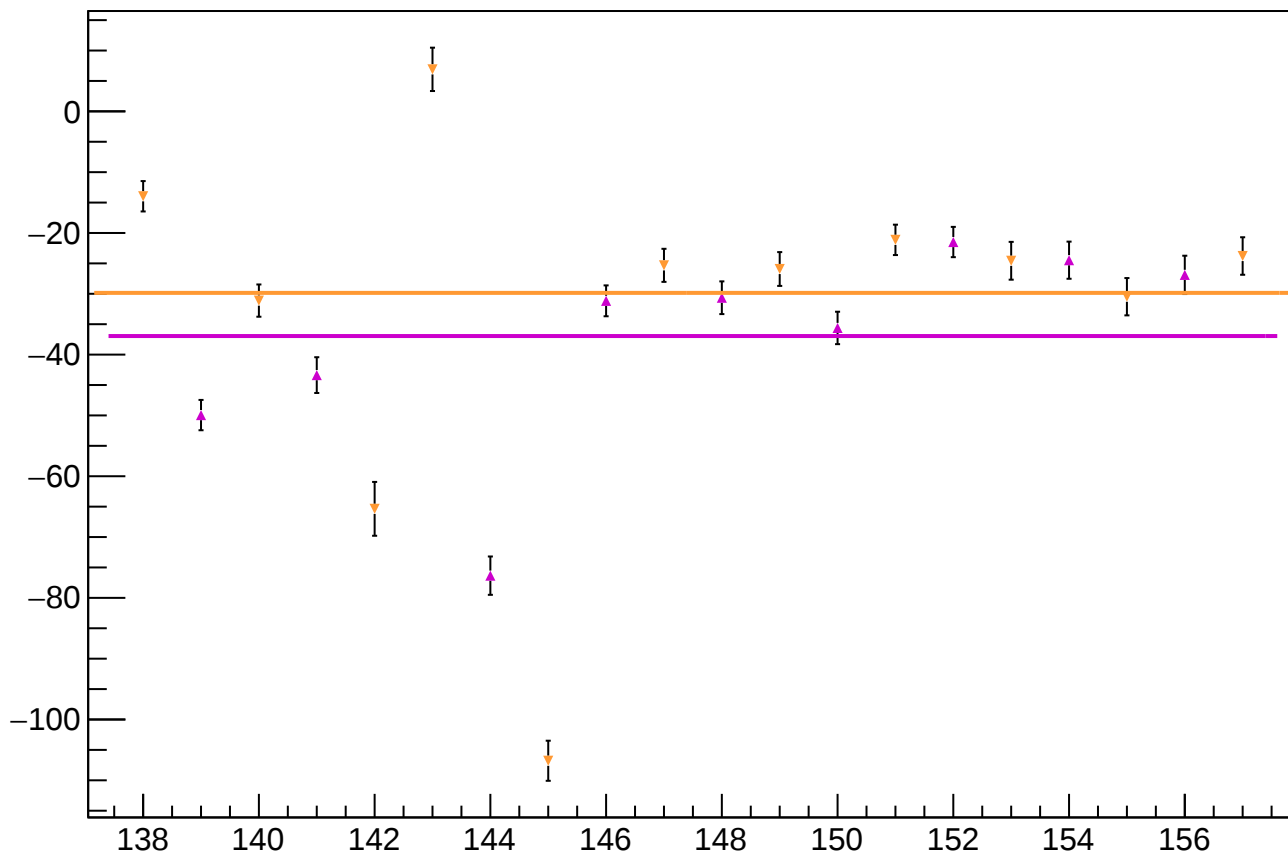
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.132 ± 0.007 χ^2/NDF : 1609.8/25

Out: 0.152 ± 0.007 χ^2/NDF : 2226.1/29

All: 0.142 ± 0.005 χ^2/NDF : 3839.8/55

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



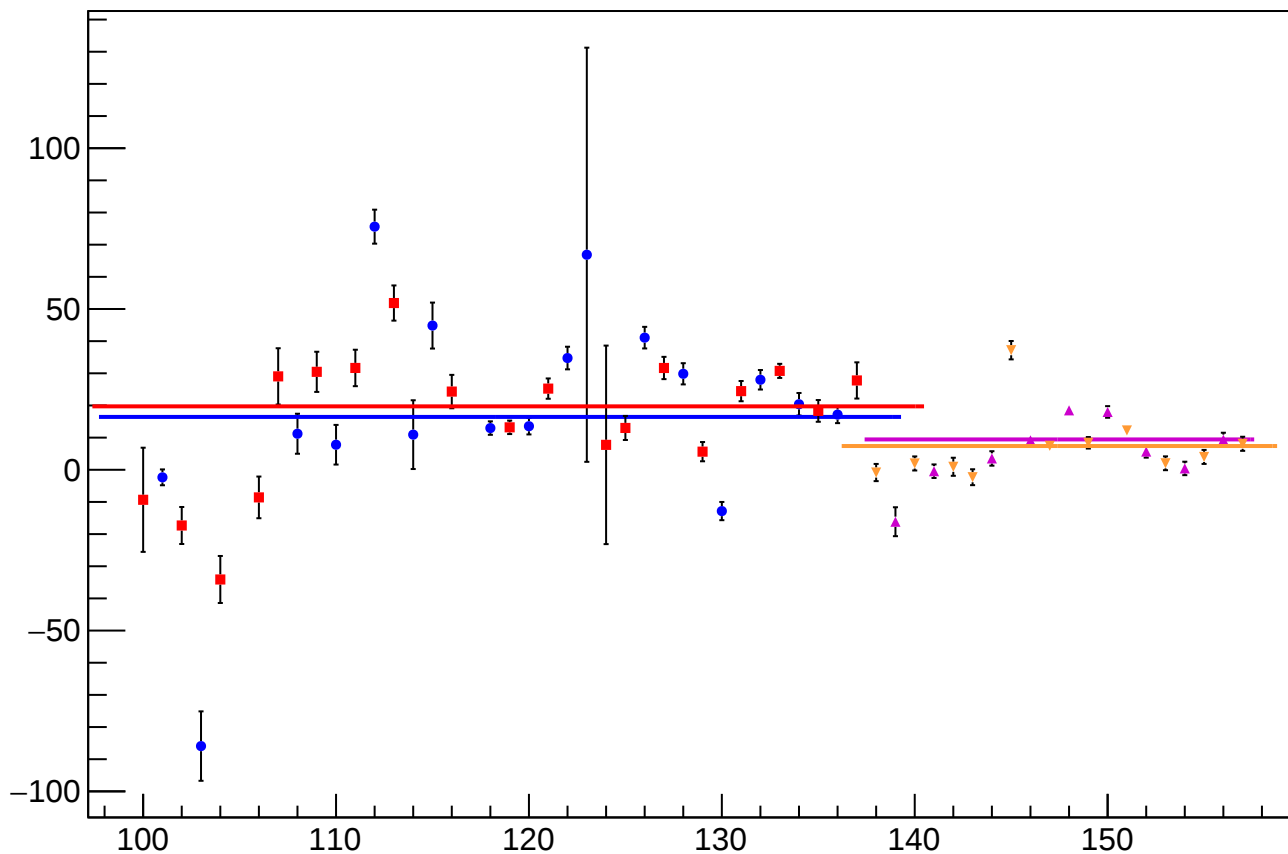
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -29.849+/-0.889 χ^2/NDF : 779.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.947+/-0.920 χ^2/NDF : 264.5/8

Left: -33.277+/-0.640 χ^2/NDF : 1075.0/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.947+/-0.920 χ^2/NDF : 264.5/8
 Out: -29.849+/-0.889 χ^2/NDF : 779.8/10

All: -33.277+/-0.640 χ^2/NDF : 1075.0/19

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 7.388 ± 0.597 $\chi^2/\text{NDF}: 165.8/10$

Right Out: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 9.439 ± 0.627 $\chi^2/\text{NDF}: 154.2/8$

Left: 8.362 ± 0.432 $\chi^2/\text{NDF}: 325.7/19$

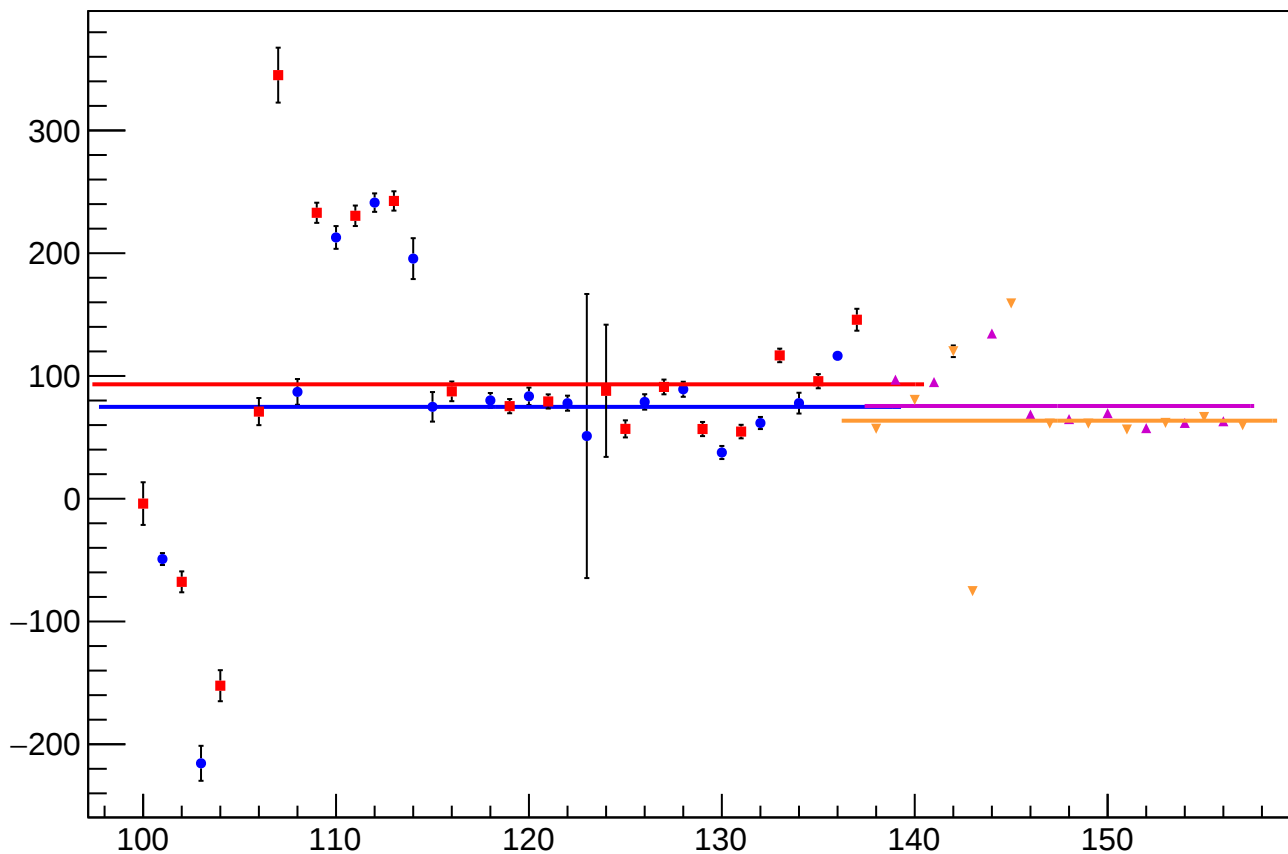
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 11.913 ± 0.504 $\chi^2/\text{NDF}: 715.1/25$

Out: 11.167 ± 0.497 $\chi^2/\text{NDF}: 538.5/29$

All: 11.534 ± 0.354 $\chi^2/\text{NDF}: 1254.8/55$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.572 $\pm$ 0.875 χ^2 /NDF:2310.0/10

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 75.548 $\pm$ 0.901 χ^2 /NDF:539.1/8

Left: 69.389 $\pm$ 0.628 χ^2 /NDF: 2940.0/19

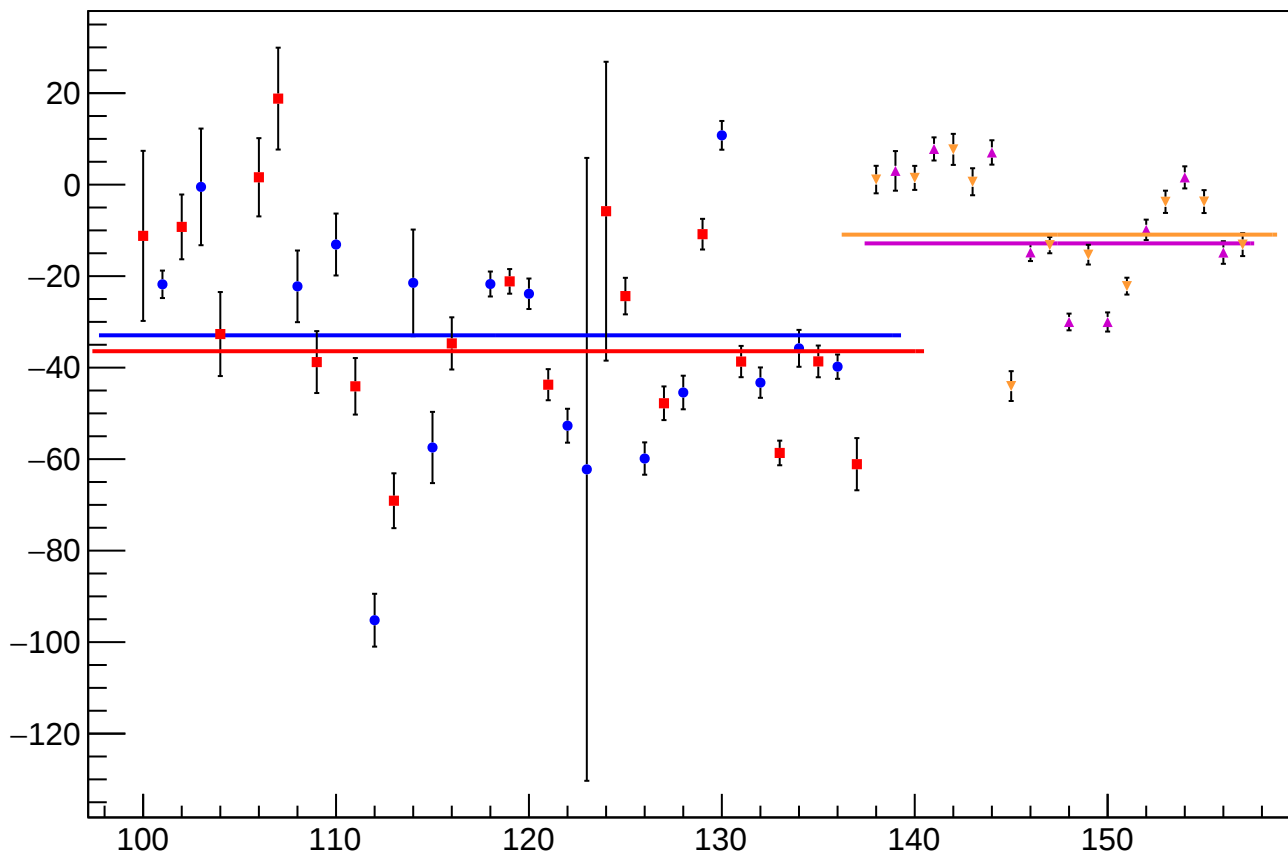
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 75.380 $\pm$ 0.789 χ^2 /NDF:2536.0/25

Out: 69.717 $\pm$ 0.779 χ^2 /NDF:4548.3/29

All: 72.512 $\pm$ 0.555 χ^2 /NDF: 7110.4/55

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.927 ± 0.733 $\chi^2/\text{NDF}: 247.7/10$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -12.842 ± 0.769 $\chi^2/\text{NDF}: 330.7/8$

Left: -11.838 ± 0.530 $\chi^2/\text{NDF}: 581.7/19$

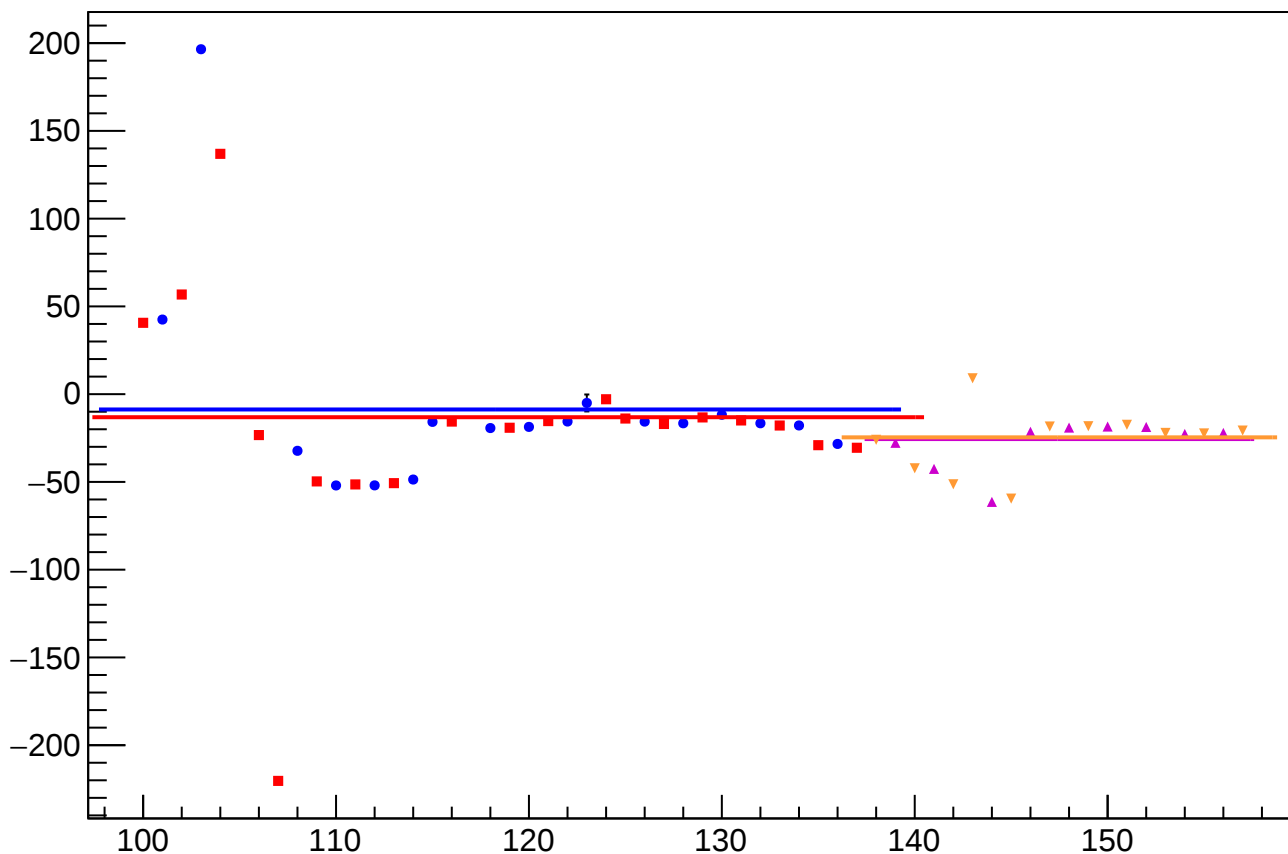
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -20.560 ± 0.603 $\chi^2/\text{NDF}: 1083.9/25$

Out: -19.541 ± 0.596 $\chi^2/\text{NDF}: 951.9/29$

All: -20.044 ± 0.424 $\chi^2/\text{NDF}: 2037.2/55$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -24.610 ± 0.035 $\chi^2/\text{NDF}: 169169.9/10$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -25.579 ± 0.036 $\chi^2/\text{NDF}: 94278.5/8$

Left: -25.083 ± 0.025 $\chi^2/\text{NDF}: 263829.1/19$

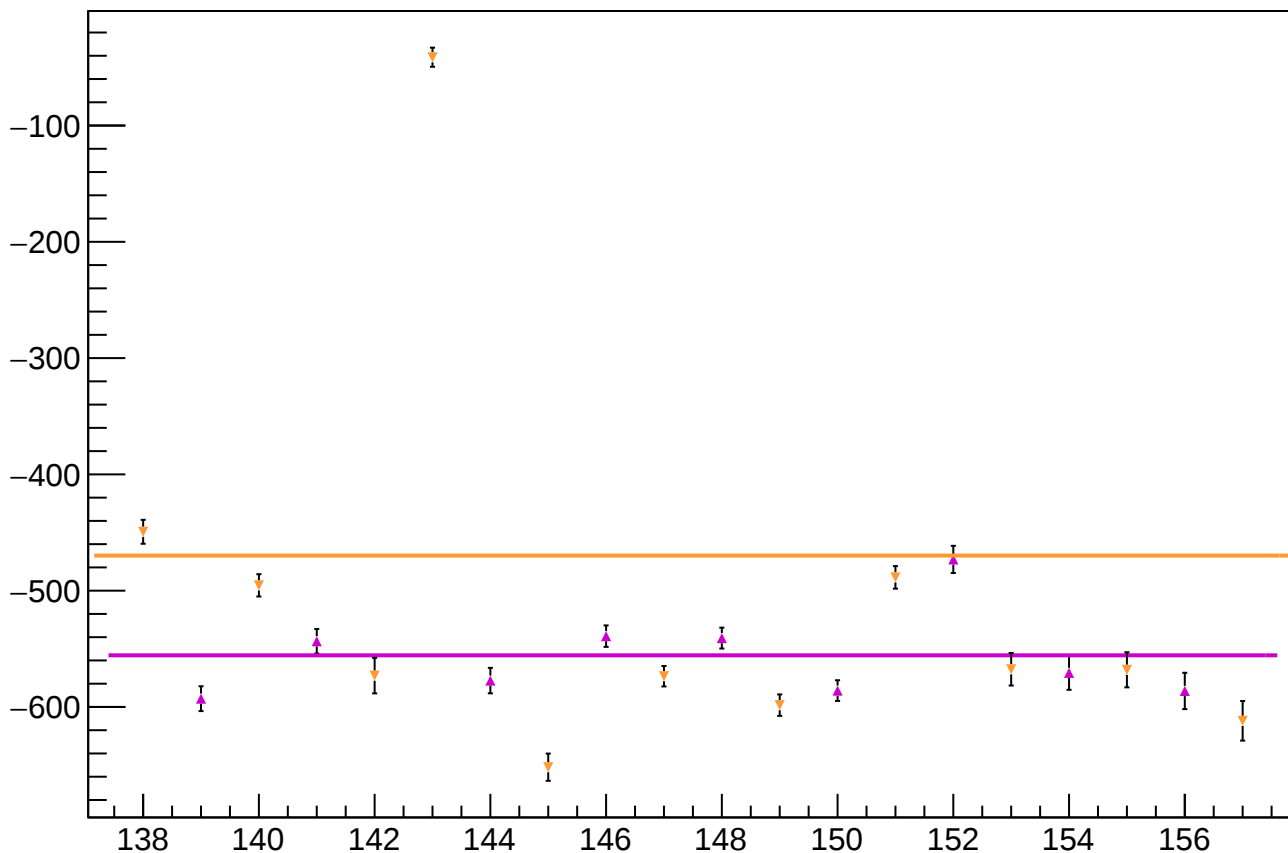
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.076 ± 0.030 $\chi^2/\text{NDF}: 730202.9/25$

Out: -21.855 ± 0.030 $\chi^2/\text{NDF}: 754036.5/29$

All: -21.467 ± 0.021 $\chi^2/\text{NDF}: 1484569.3/55$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -469.794+/-3.245 χ^2/NDF :3511.8/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -555.599+/-3.559 χ^2/NDF :89.6/8

Left: -508.742+/-2.398 χ^2/NDF : 3918.9/19

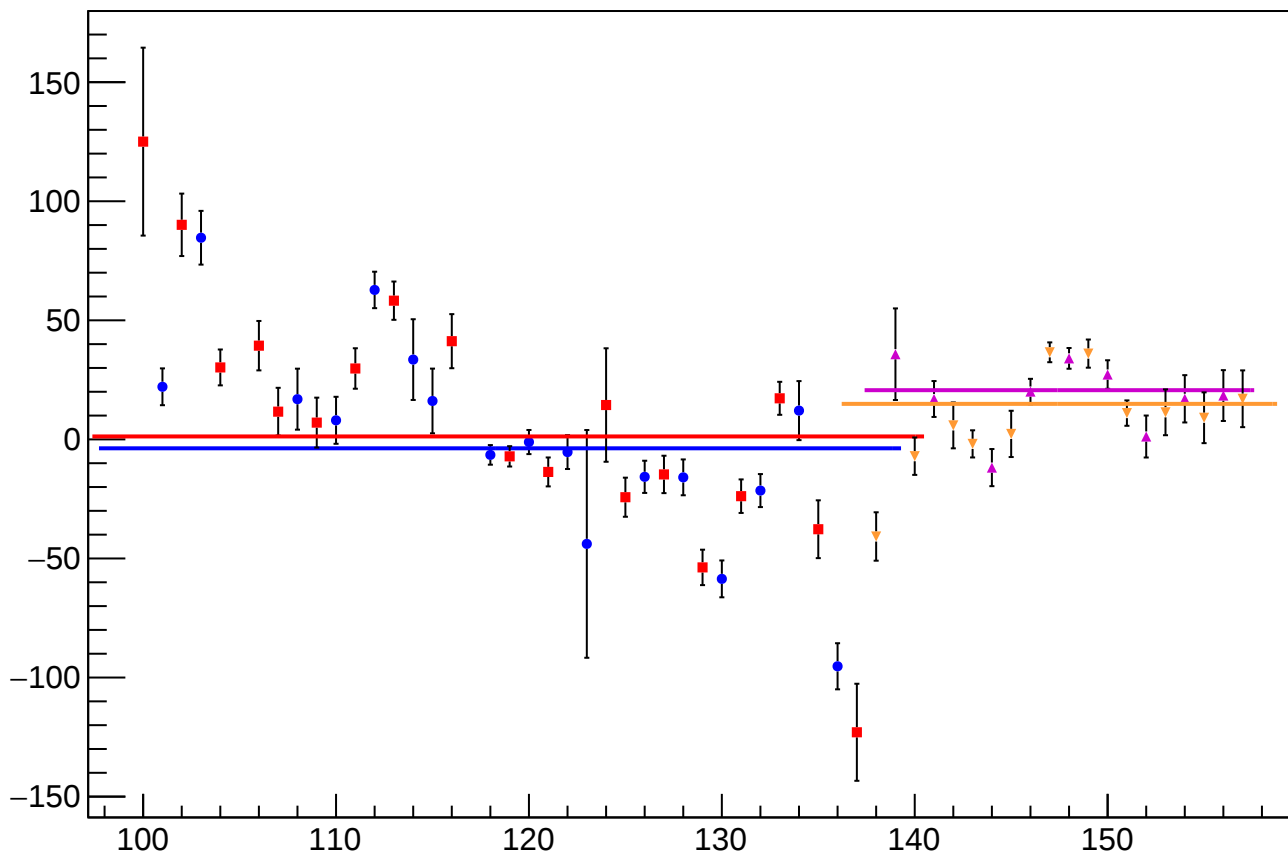
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -555.599+/-3.559 χ^2/NDF :89.6/8

Out: -469.794+/-3.245 χ^2/NDF :3511.8/10

All: -508.742+/-2.398 χ^2/NDF : 3918.9/19

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 $\pm$ 1.892 χ^2 /NDF: 314.1/16

Left Out: 14.917 $\pm$ 2.103 χ^2 /NDF: 89.9/10

Right Out: 1.241 $\pm$ 1.916 χ^2 /NDF: 303.5/18

Left In: 20.667 $\pm$ 2.332 χ^2 /NDF: 33.9/8

Left: 17.496 $\pm$ 1.562 χ^2 /NDF: 127.2/19

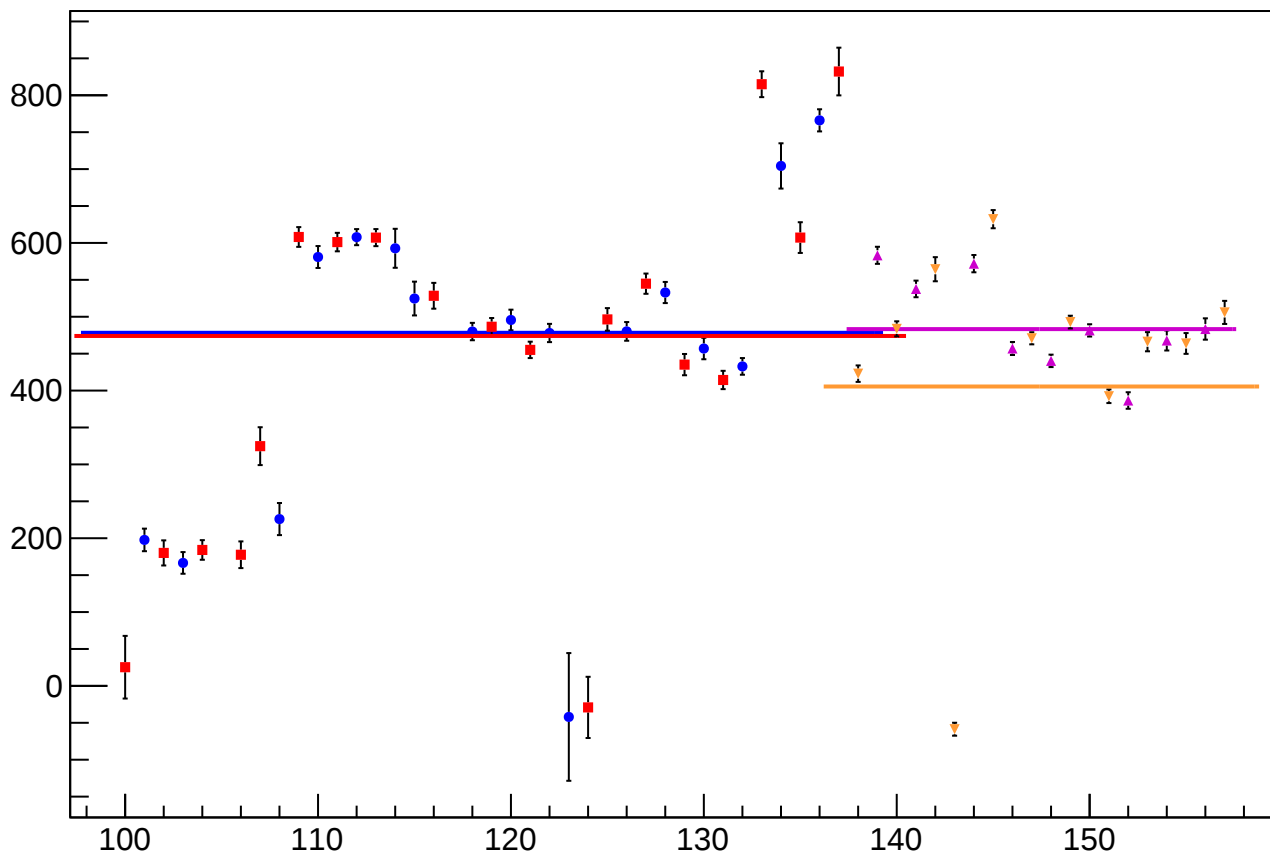
Right: -1.282 $\pm$ 1.346 χ^2 /NDF: 621.1/35

In: 5.948 $\pm$ 1.469 χ^2 /NDF: 414.1/25

Out: 7.444 $\pm$ 1.416 χ^2 /NDF: 416.6/29

All: 6.723 $\pm$ 1.020 χ^2 /NDF: 831.2/55

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 ± 3.638 $\chi^2/\text{NDF}: 1627.9/16$

Left Out: 405.517 ± 3.227 $\chi^2/\text{NDF}: 3542.0/10$

Right Out: 473.977 ± 3.529 $\chi^2/\text{NDF}: 2288.3/18$

Left In: 483.265 ± 3.486 $\chi^2/\text{NDF}: 266.3/8$

Left: 441.395 ± 2.368 $\chi^2/\text{NDF}: 4076.1/19$

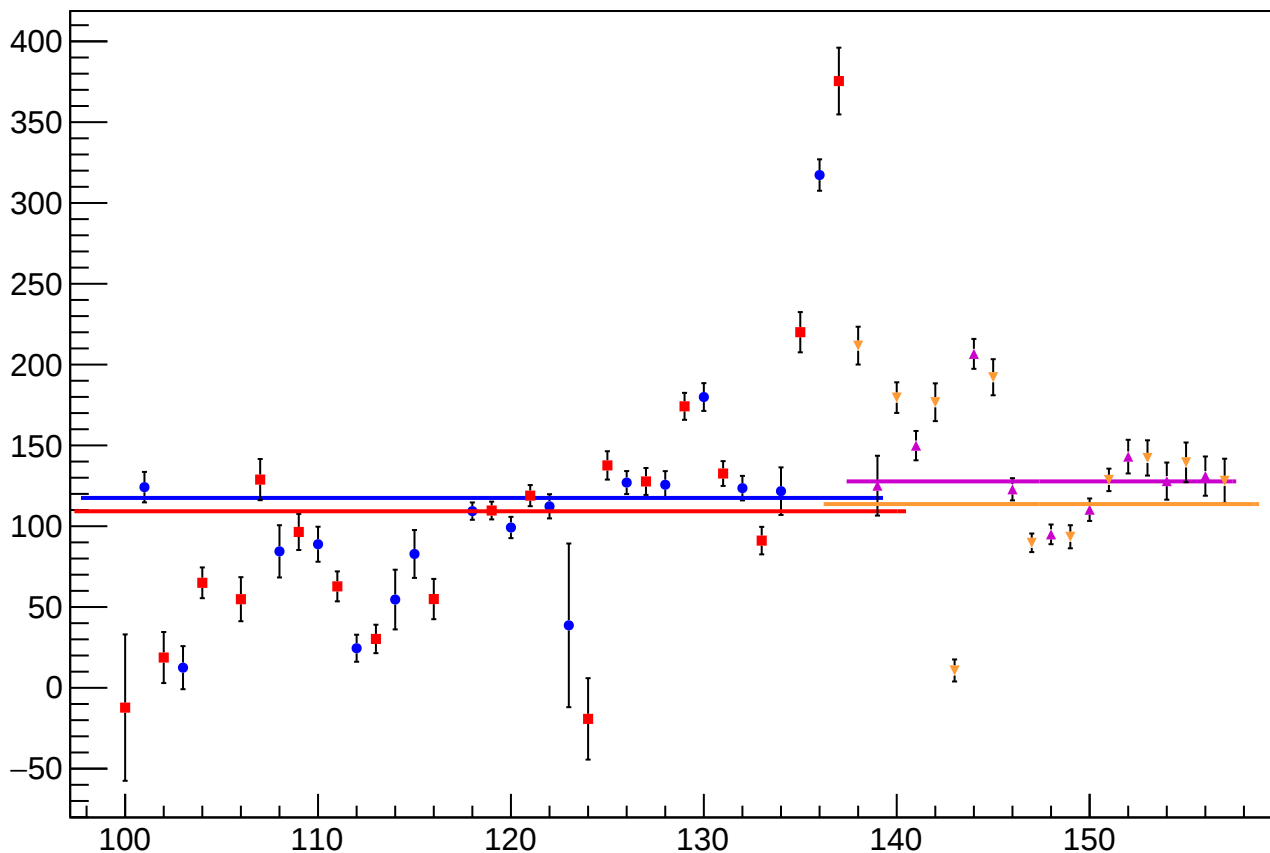
Right: 476.056 ± 2.533 $\chi^2/\text{NDF}: 3917.0/35$

In: 480.871 ± 2.517 $\chi^2/\text{NDF}: 1895.2/25$

Out: 436.691 ± 2.381 $\chi^2/\text{NDF}: 6035.3/29$

All: 457.560 ± 1.730 $\chi^2/\text{NDF}: 8093.0/55$

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: 113.697 $\pm$ 2.614 χ^2 /NDF: 467.6/10

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 127.730 $\pm$ 2.897 χ^2 /NDF: 116.8/8

Left: 119.995 $\pm$ 1.941 χ^2 /NDF: 597.3/19

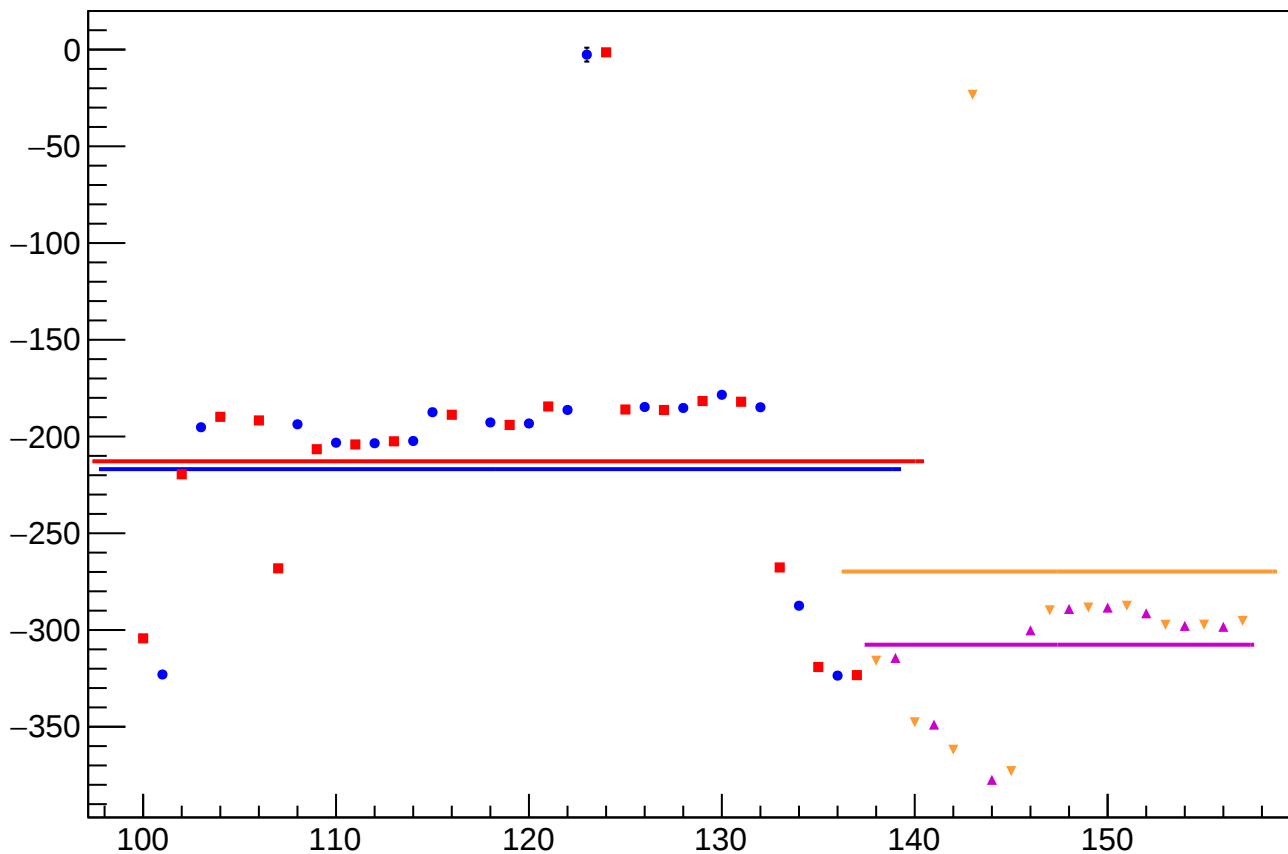
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 121.238 $\pm$ 1.751 χ^2 /NDF: 830.6/25

Out: 111.098 $\pm$ 1.686 χ^2 /NDF: 1038.7/29

All: 115.976 $\pm$ 1.214 χ^2 /NDF: 1886.7/55

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -269.773+/-0.132 χ^2/NDF : 611377.3/10

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -307.603+/-0.141 χ^2/NDF : 35094.8/8

Left: -287.462+/-0.097 χ^2/NDF : 684691.8/19

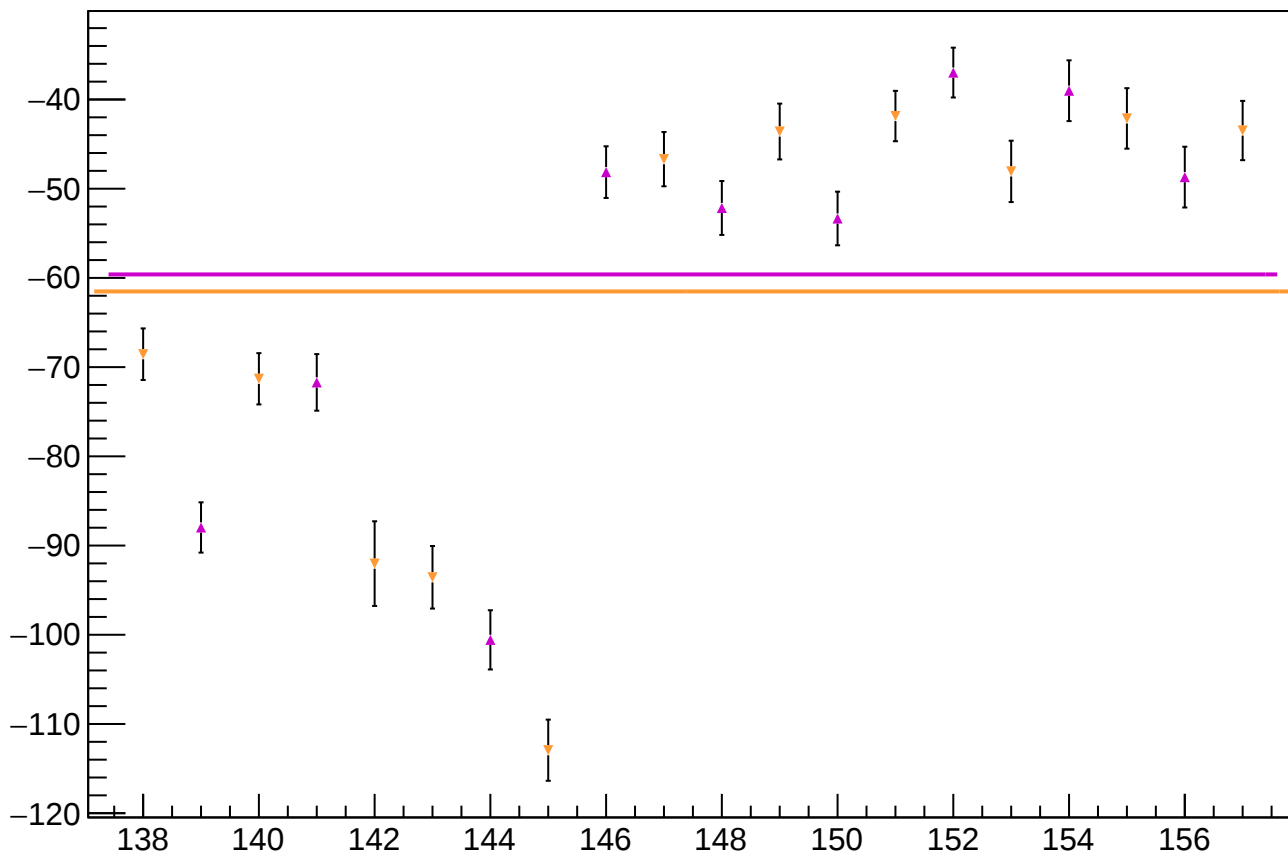
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -260.482+/-0.098 χ^2/NDF : 396518.8/25

Out: -240.794+/-0.093 χ^2/NDF : 822280.4/29

All: -250.107+/-0.067 χ^2/NDF : 1240111.1/55

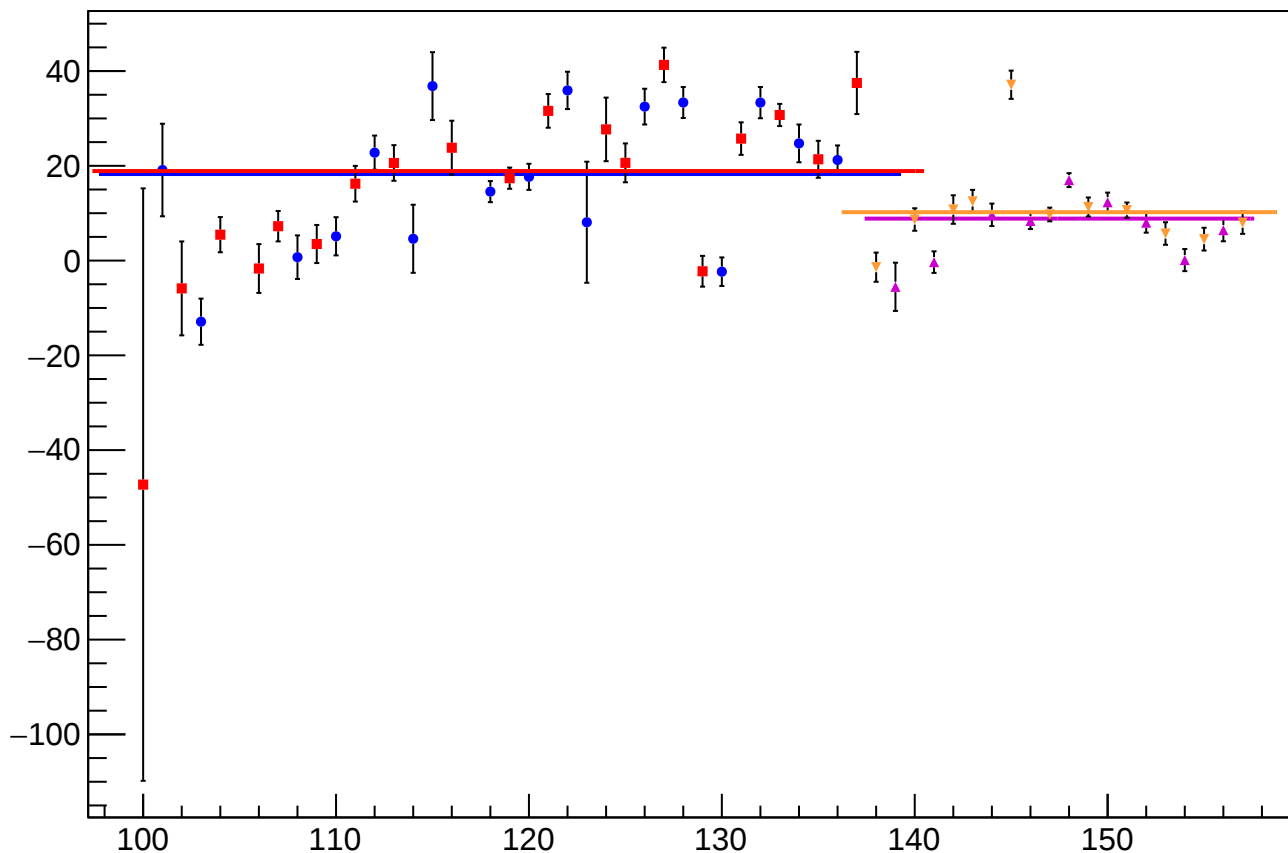
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -61.516+/-0.976 χ^2/NDF :550.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -59.608+/-1.023 χ^2/NDF :406.6/8

Left: -60.607+/-0.706 χ^2/NDF : 958.5/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -59.608+/-1.023 χ^2/NDF :406.6/8
 Out: -61.516+/-0.976 χ^2/NDF :550.0/10
 All: -60.607+/-0.706 χ^2/NDF : 958.5/19

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 10.219 ± 0.657 χ^2/NDF : 107.5/10

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.858 ± 0.699 χ^2/NDF : 73.3/8

Left: 9.581 ± 0.479 χ^2/NDF : 182.7/19

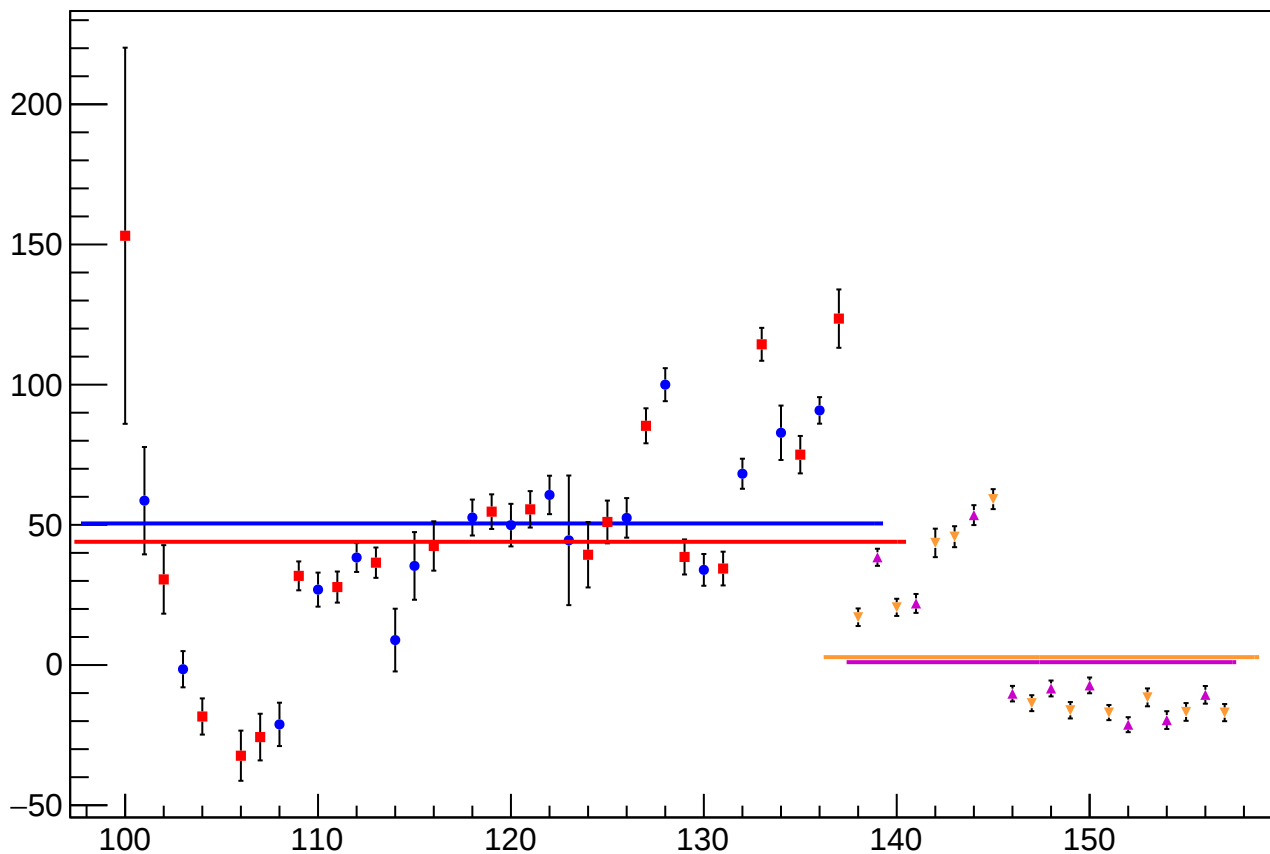
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 12.367 ± 0.554 χ^2/NDF : 349.1/25

Out: 13.395 ± 0.523 χ^2/NDF : 370.6/29

All: 12.911 ± 0.380 χ^2/NDF : 721.6/55

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 2.822 $\pm$ 0.962 χ^2 /NDF:730.2/10

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 1.023 $\pm$ 1.002 χ^2 /NDF:568.9/8

Left: 1.959 $\pm$ 0.694 χ^2 /NDF: 1300.8/19

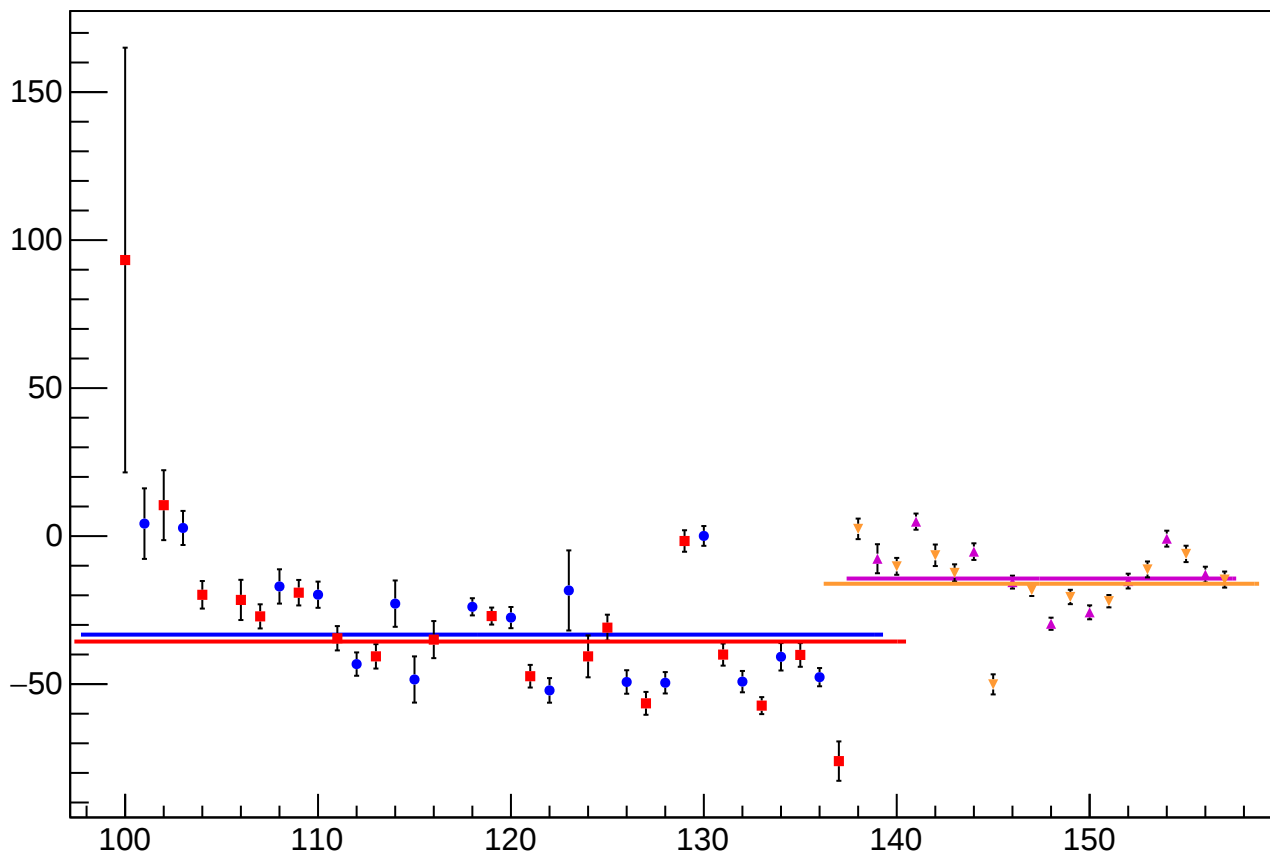
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 14.110 $\pm$ 0.859 χ^2 /NDF:1576.9/25

Out: 13.716 $\pm$ 0.825 χ^2 /NDF:1748.5/29

All: 13.905 $\pm$ 0.595 χ^2 /NDF: 3325.6/55

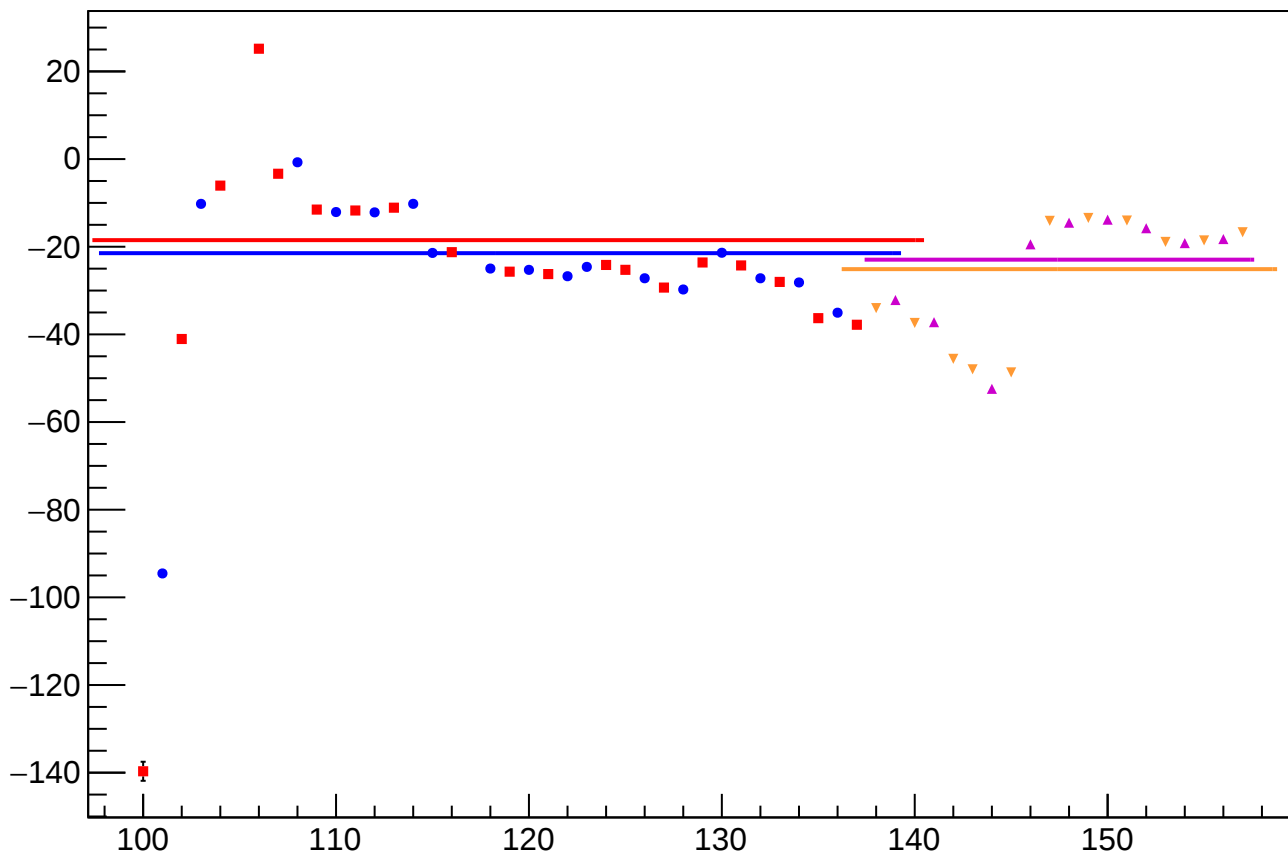
reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$
 Left Out: -16.096 ± 0.805 $\chi^2/\text{NDF}: 170.8/10$
 Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$
 Left In: -14.336 ± 0.855 $\chi^2/\text{NDF}: 166.4/8$

Left: -15.269 ± 0.586 $\chi^2/\text{NDF}: 339.5/19$
 Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$
 In: -22.022 ± 0.659 $\chi^2/\text{NDF}: 658.6/25$
 Out: -23.841 ± 0.625 $\chi^2/\text{NDF}: 692.0/29$
 All: -22.979 ± 0.454 $\chi^2/\text{NDF}: 1354.6/55$

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: -25.113 ± 0.038 $\chi^2/\text{NDF}: 112738.5/10$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -22.950 ± 0.039 $\chi^2/\text{NDF}: 73475.0/8$

Left: -24.071 ± 0.027 $\chi^2/\text{NDF}: 187767.8/19$

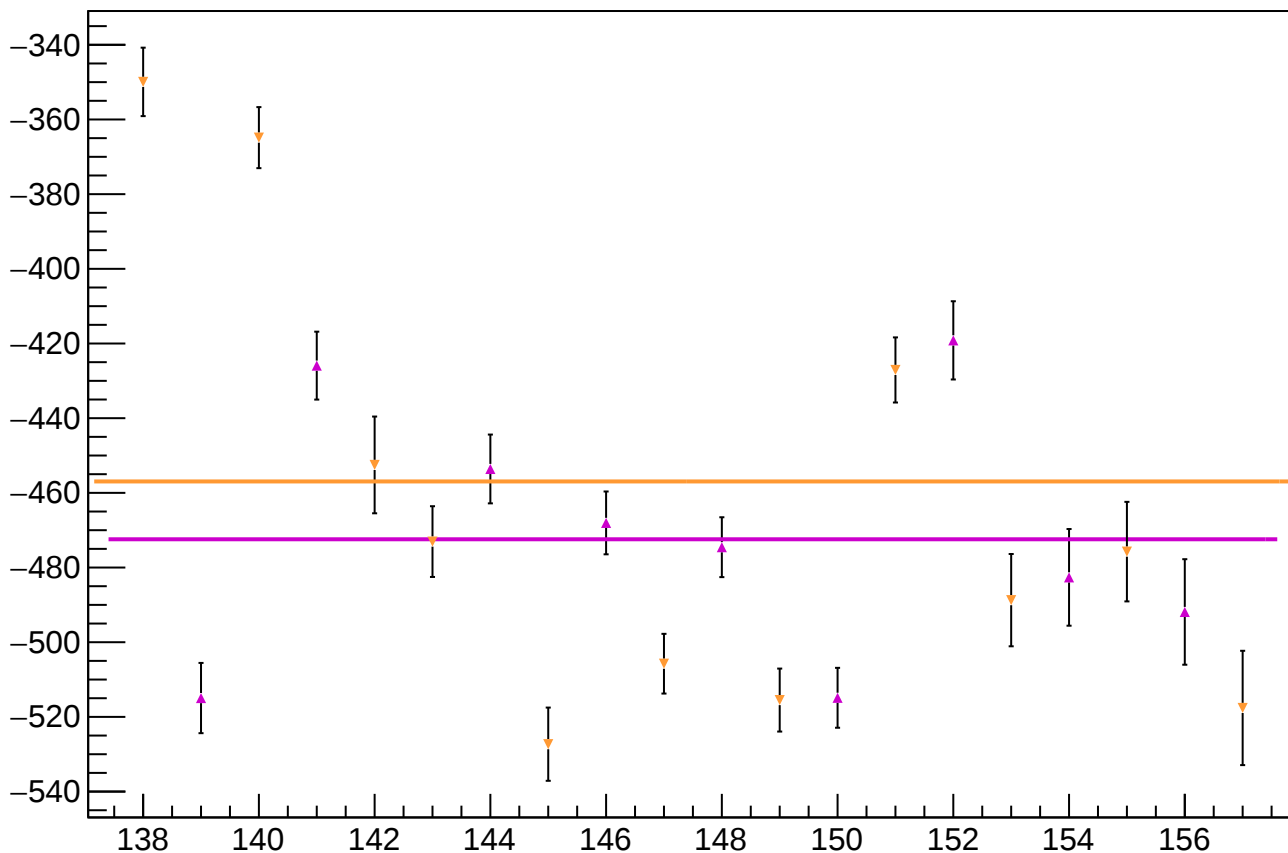
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -22.489 ± 0.033 $\chi^2/\text{NDF}: 122892.4/25$

Out: -23.089 ± 0.032 $\chi^2/\text{NDF}: 202676.4/29$

All: -22.798 ± 0.023 $\chi^2/\text{NDF}: 325741.7/55$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -456.941+/-2.966 χ^2/NDF :439.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -472.431+/-3.155 χ^2/NDF :107.5/8

Left: -464.209+/-2.161 χ^2/NDF : 559.5/19

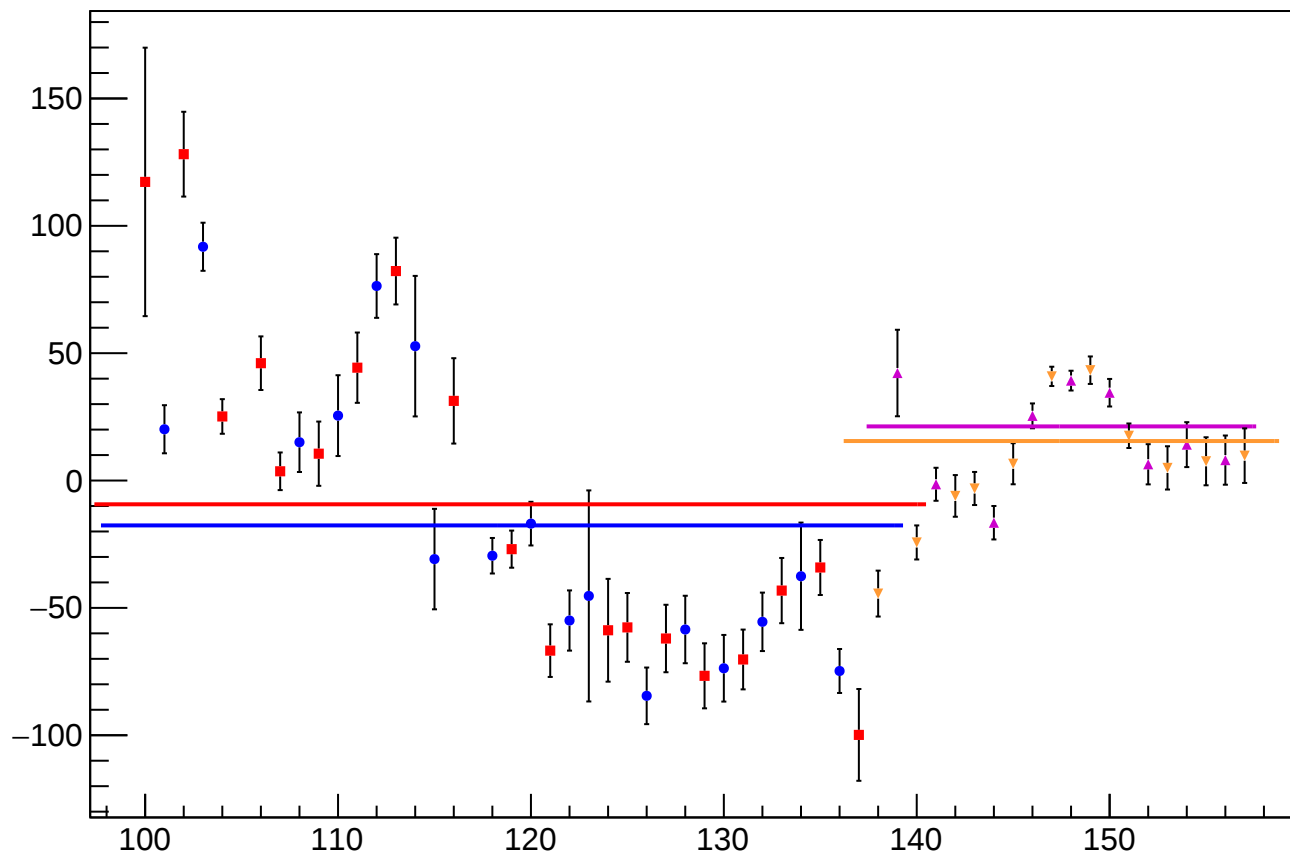
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -472.431+/-3.155 χ^2/NDF :107.5/8

Out: -456.941+/-2.966 χ^2/NDF :439.2/10

All: -464.209+/-2.161 χ^2/NDF : 559.5/19

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: 15.509 ± 1.925 $\chi^2/\text{NDF}: 170.2/10$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 21.254 ± 2.073 $\chi^2/\text{NDF}: 81.2/8$

Left: 18.169 ± 1.411 $\chi^2/\text{NDF}: 255.5/19$

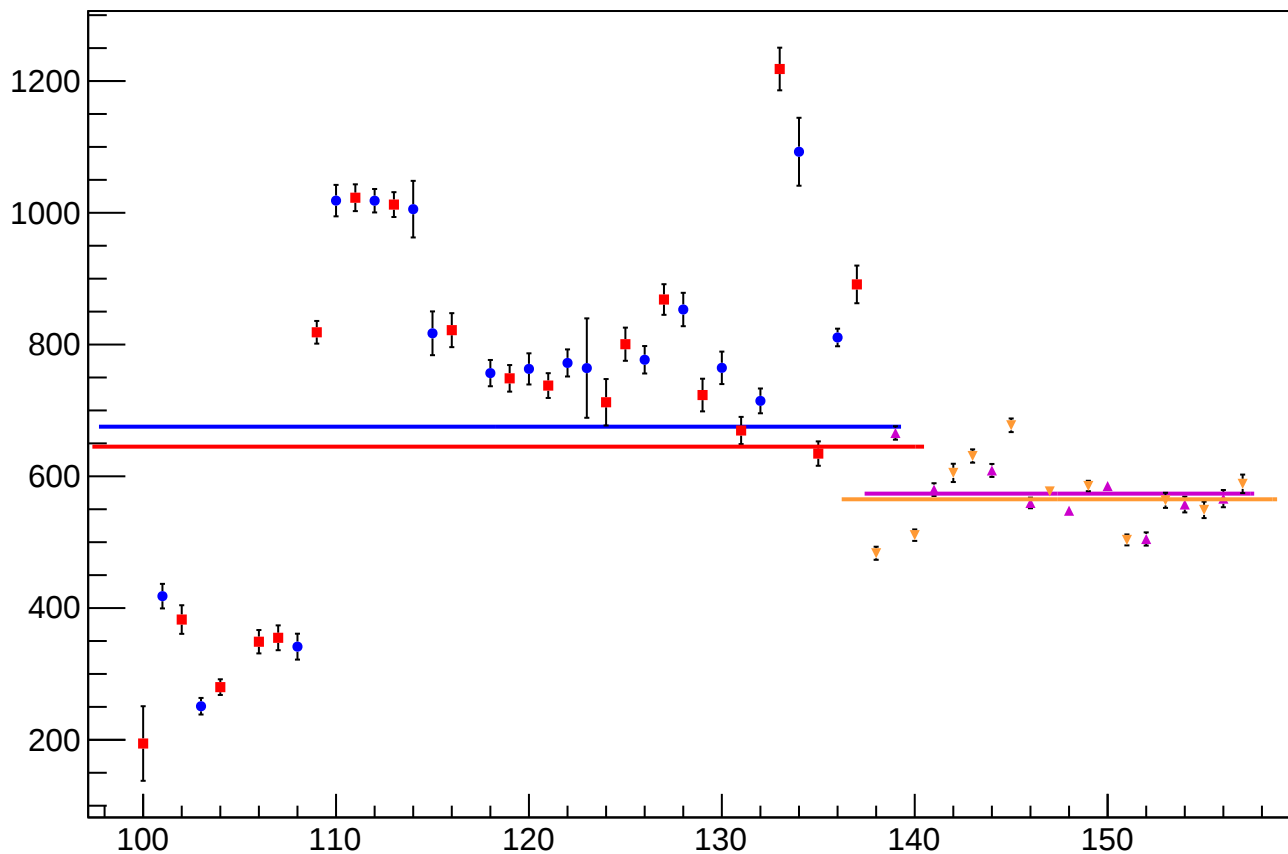
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 7.400 ± 1.663 $\chi^2/\text{NDF}: 568.5/25$

Out: 6.752 ± 1.549 $\chi^2/\text{NDF}: 595.3/29$

All: 7.053 ± 1.134 $\chi^2/\text{NDF}: 1163.9/55$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 565.120 ± 2.945 χ^2/NDF : 344.4/10

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

Left In: 573.701 ± 3.097 χ^2/NDF : 161.6/8

Left: 569.195 ± 2.134 χ^2/NDF : 510.0/19

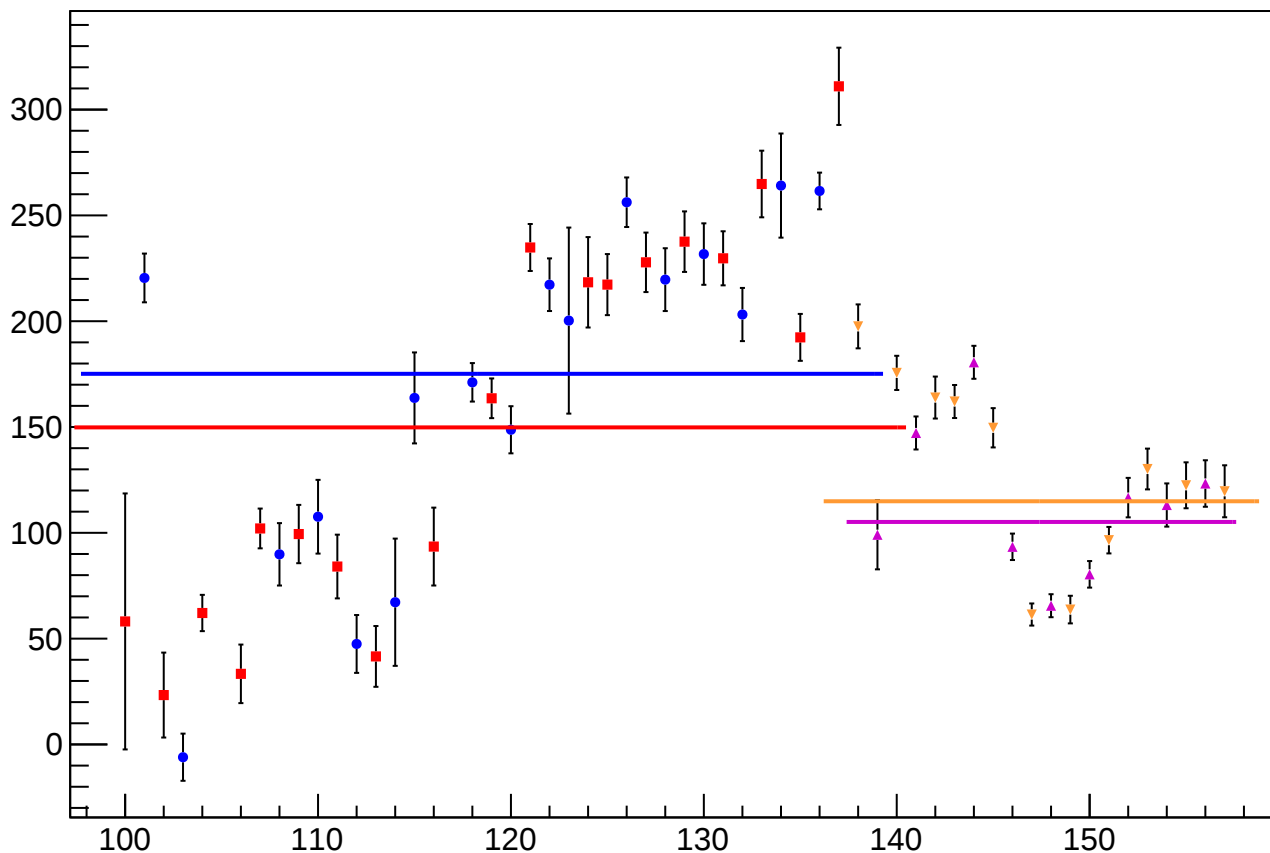
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 601.511 ± 2.639 χ^2/NDF : 3039.1/25

Out: 587.251 ± 2.504 χ^2/NDF : 3671.1/29

All: 594.006 ± 1.817 χ^2/NDF : 6725.5/55

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: 114.913 $\pm$ 2.395 χ^2 /NDF: 372.8/10

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 105.140 $\pm$ 2.574 χ^2 /NDF: 200.0/8

Left: 110.378 $\pm$ 1.754 χ^2 /NDF: 580.6/19

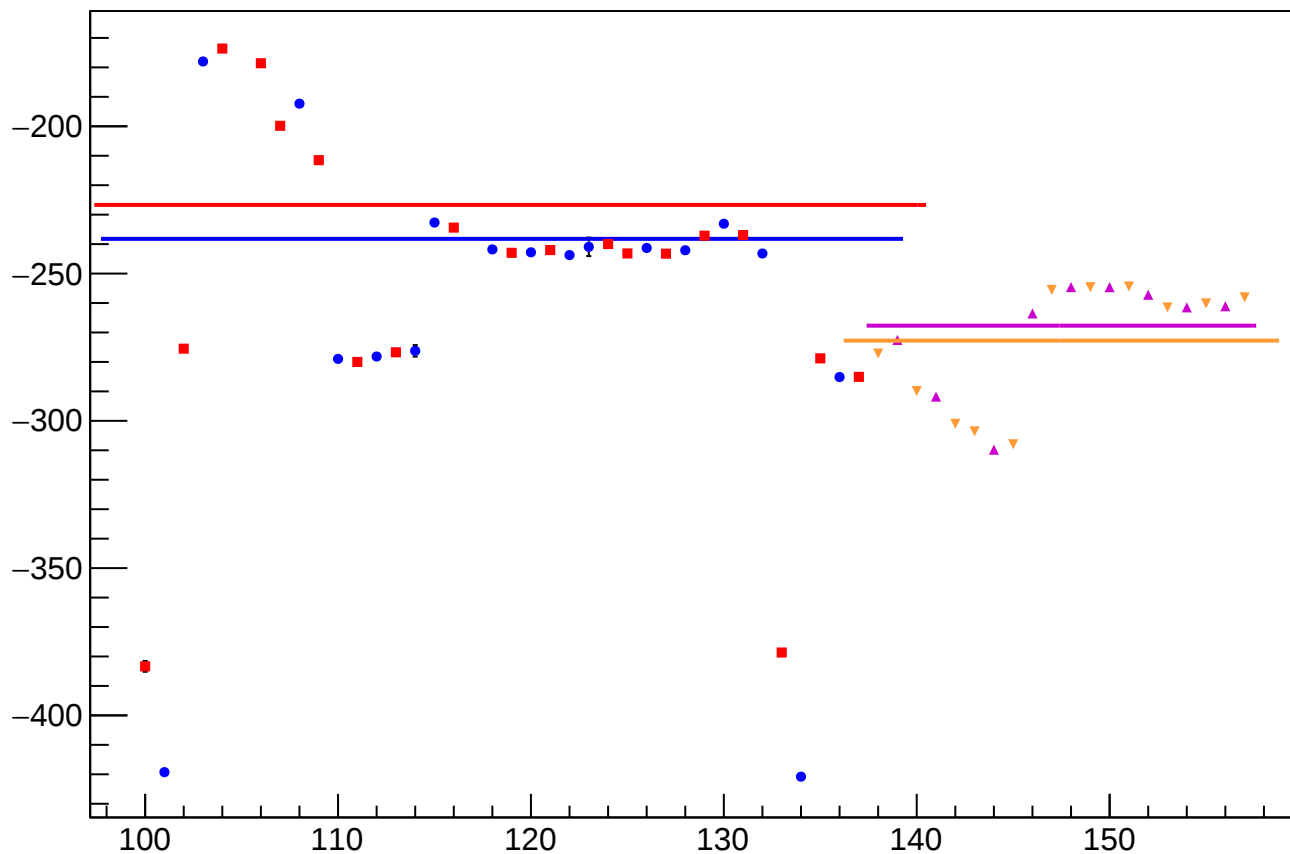
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 132.548 $\pm$ 2.008 χ^2 /NDF: 1125.1/25

Out: 128.277 $\pm$ 1.882 χ^2 /NDF: 1142.6/29

All: 130.274 $\pm$ 1.373 χ^2 /NDF: 2270.1/55

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -272.765+/-0.121 χ^2/NDF : 28222.4/10

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -267.686+/-0.125 χ^2/NDF : 18121.9/8

Left: -270.321+/-0.087 χ^2/NDF : 47194.8/19

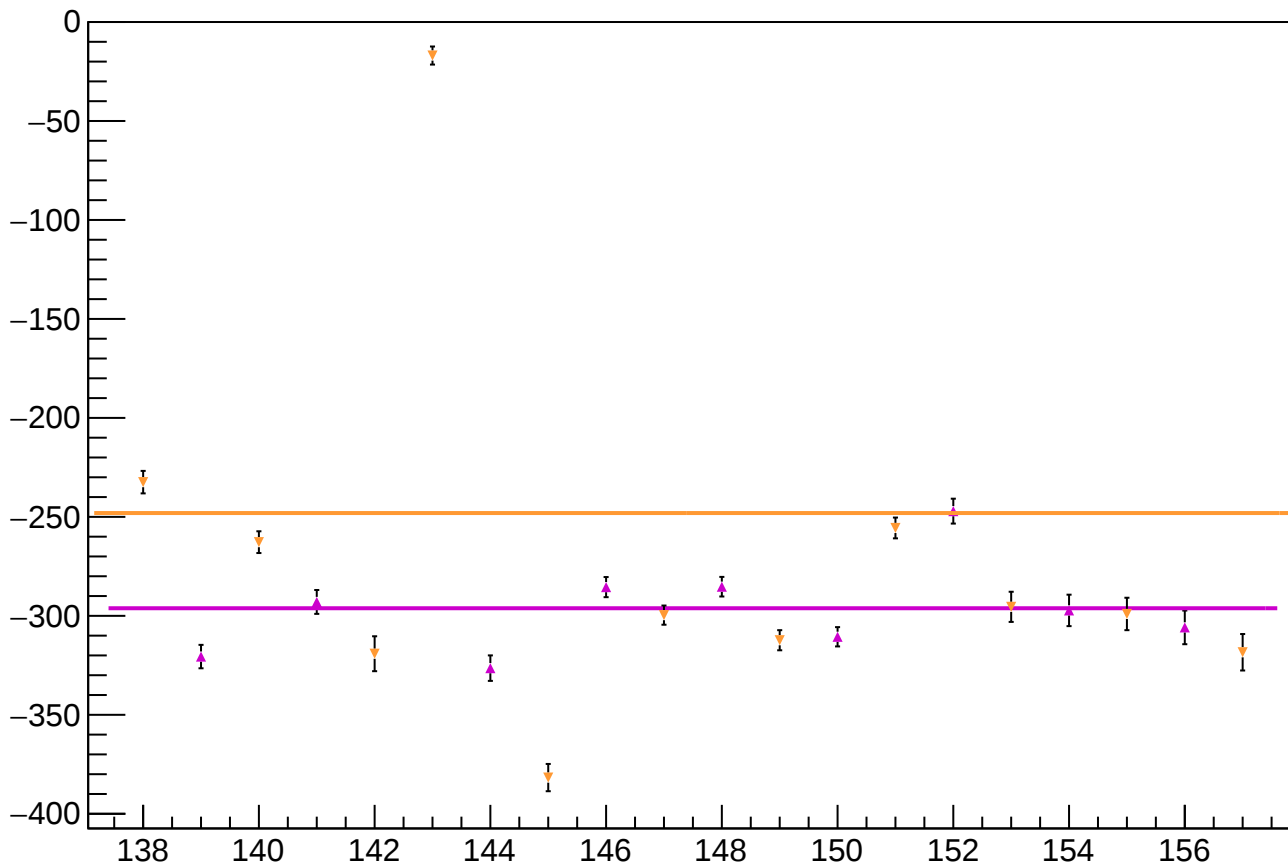
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.474+/-0.099 χ^2/NDF : 206221.0/25

Out: -254.792+/-0.094 χ^2/NDF : 187764.2/29

All: -255.595+/-0.068 χ^2/NDF : 394136.8/55

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -248.066+/-1.803 χ^2/NDF :3432.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -296.162+/-1.974 χ^2/NDF :119.6/8

Left: -269.944+/-1.331 χ^2/NDF : 3875.9/19

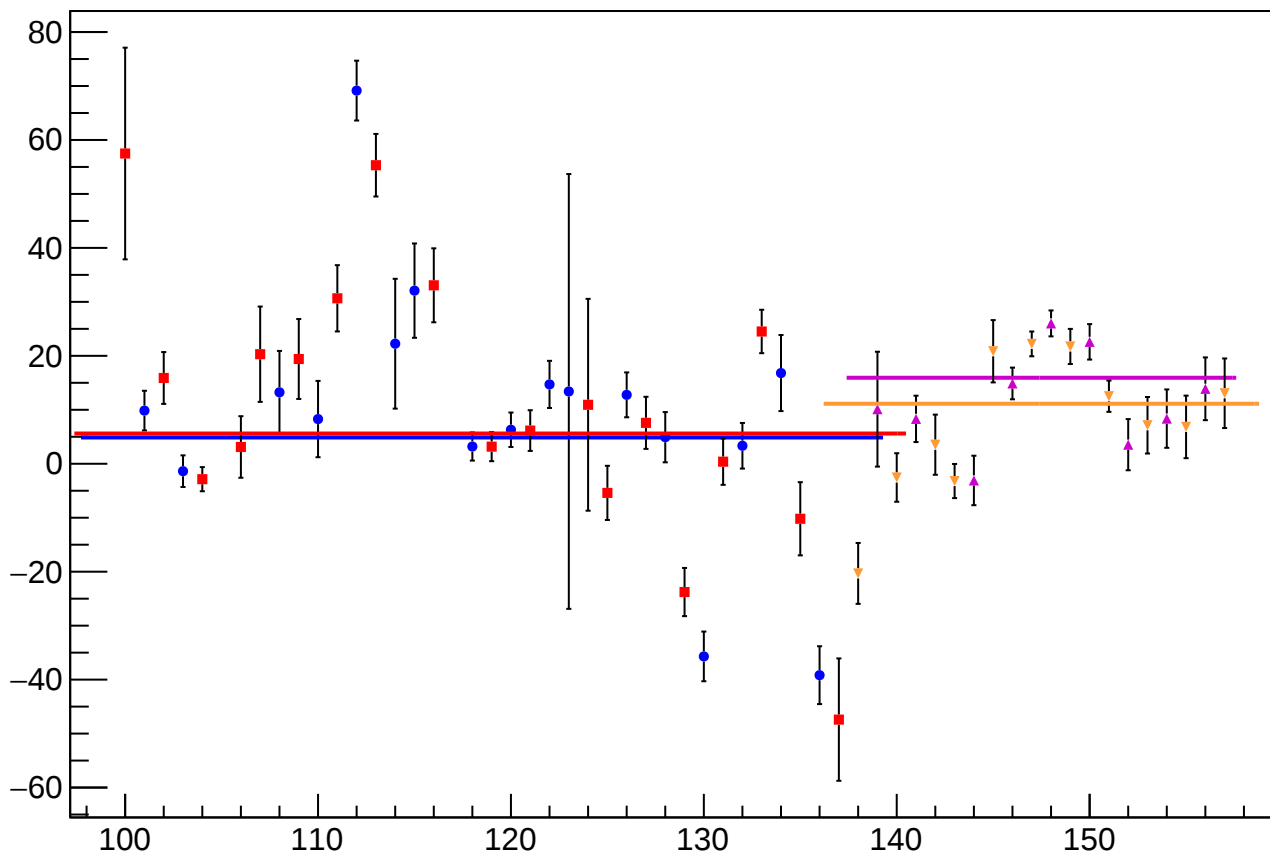
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -296.162+/-1.974 χ^2/NDF :119.6/8

Out: -248.066+/-1.803 χ^2/NDF :3432.7/10

All: -269.944+/-1.331 χ^2/NDF : 3875.9/19

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 11.120 ± 1.165 $\chi^2/\text{NDF}: 100.9/10$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 15.938 ± 1.290 $\chi^2/\text{NDF}: 51.4/8$

Left: 13.284 ± 0.865 $\chi^2/\text{NDF}: 160.1/19$

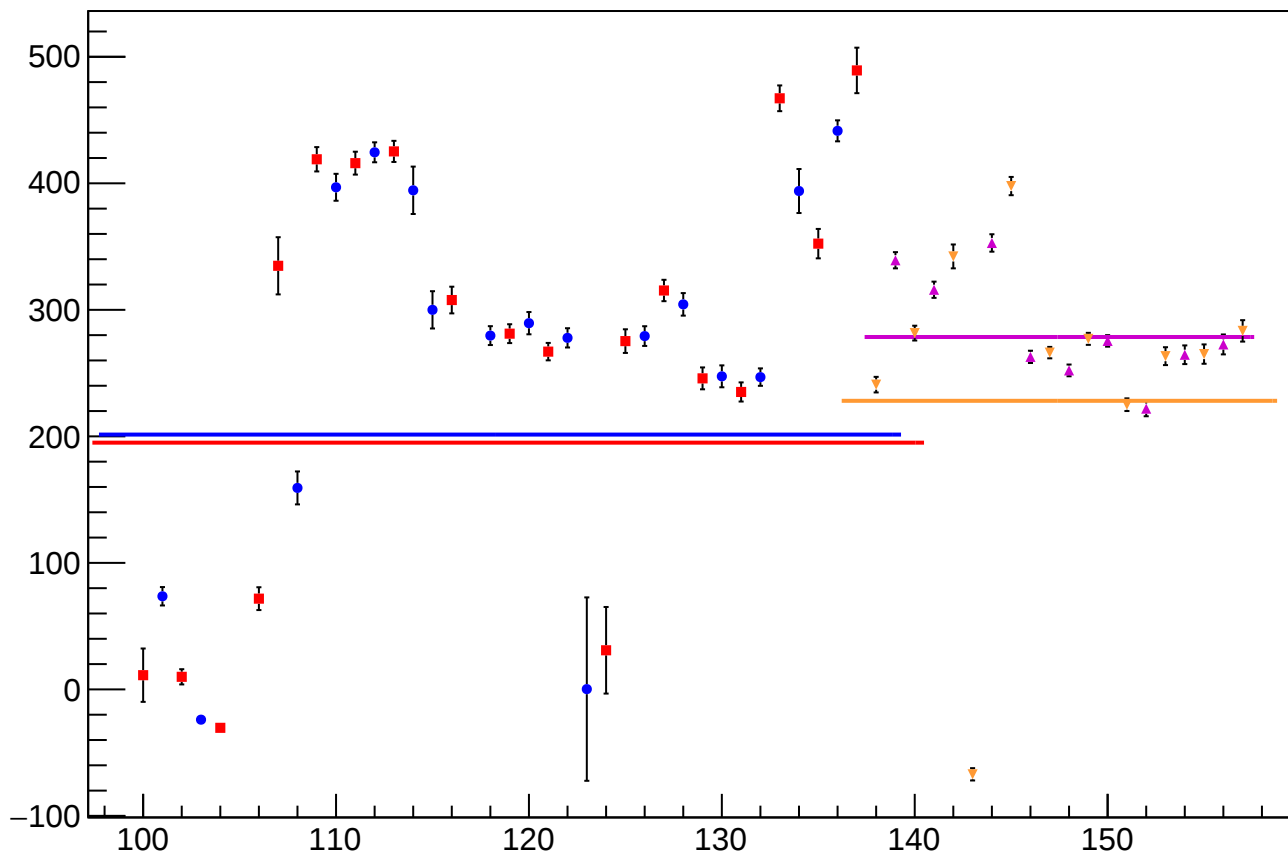
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 9.484 ± 0.833 $\chi^2/\text{NDF}: 405.9/25$

Out: 8.127 ± 0.788 $\chi^2/\text{NDF}: 351.7/29$

All: 8.768 ± 0.572 $\chi^2/\text{NDF}: 759.0/55$

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: 228.095 $\pm$ 1.789 χ^2 /NDF: 4733.8/10

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 278.535 $\pm$ 1.929 χ^2 /NDF: 375.7/8

Left: 251.419 $\pm$ 1.312 χ^2 /NDF: 5477.1/19

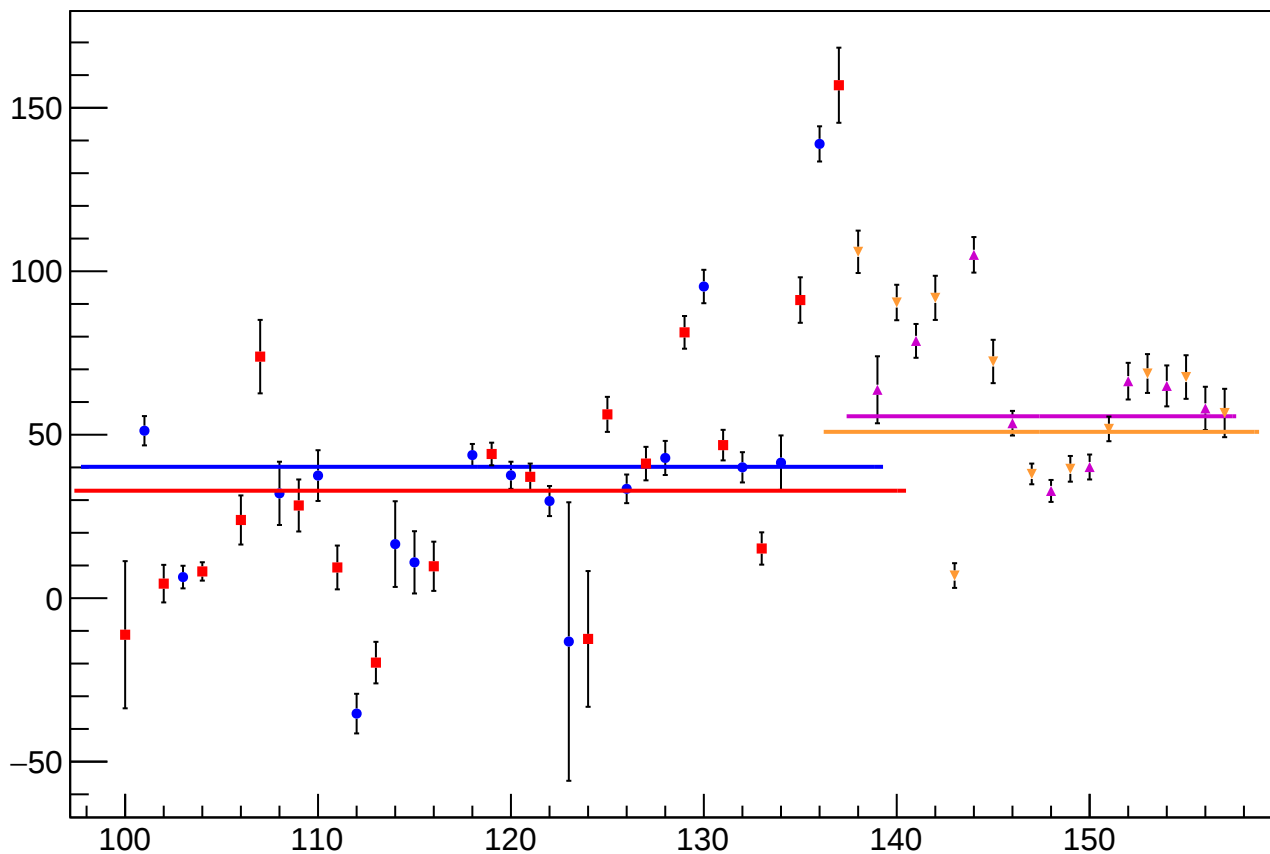
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 240.850 $\pm$ 1.380 χ^2 /NDF: 7897.2/25

Out: 212.752 $\pm$ 1.310 χ^2 /NDF: 13147.0/29

All: 226.074 $\pm$ 0.950 χ^2 /NDF: 21262.3/55

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 50.881 ± 1.449 $\chi^2/\text{NDF}: 348.8/10$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 55.646 ± 1.604 $\chi^2/\text{NDF}: 172.0/8$

Left: 53.023 ± 1.075 $\chi^2/\text{NDF}: 525.7/19$

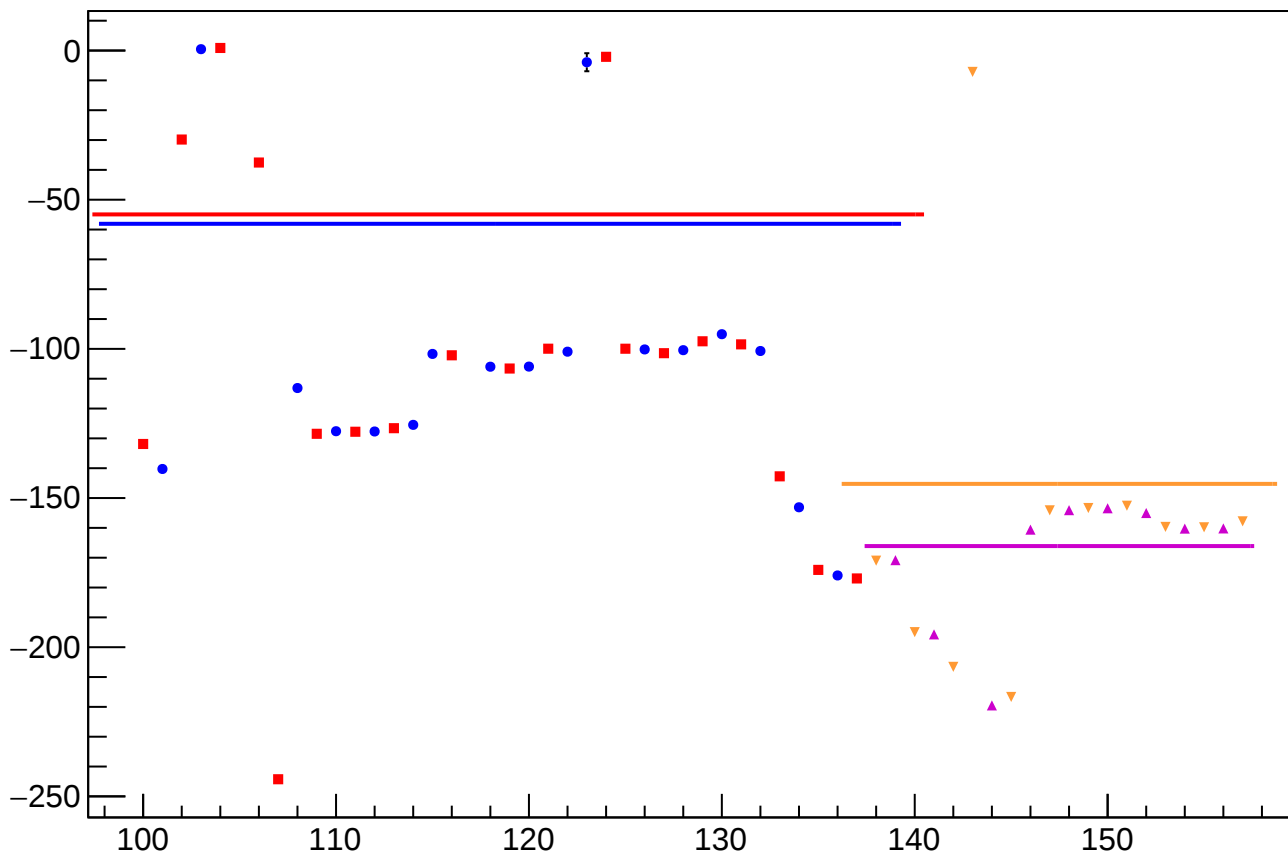
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 46.142 ± 0.996 $\chi^2/\text{NDF}: 963.2/25$

Out: 40.563 ± 0.947 $\chi^2/\text{NDF}: 988.3/29$

All: 43.212 ± 0.686 $\chi^2/\text{NDF}: 1968.0/55$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -145.253+/-0.073 χ^2/NDF : 650064.3/10

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -166.100+/-0.078 χ^2/NDF : 56447.4/8

Left: -155.024+/-0.053 χ^2/NDF : 744430.7/19

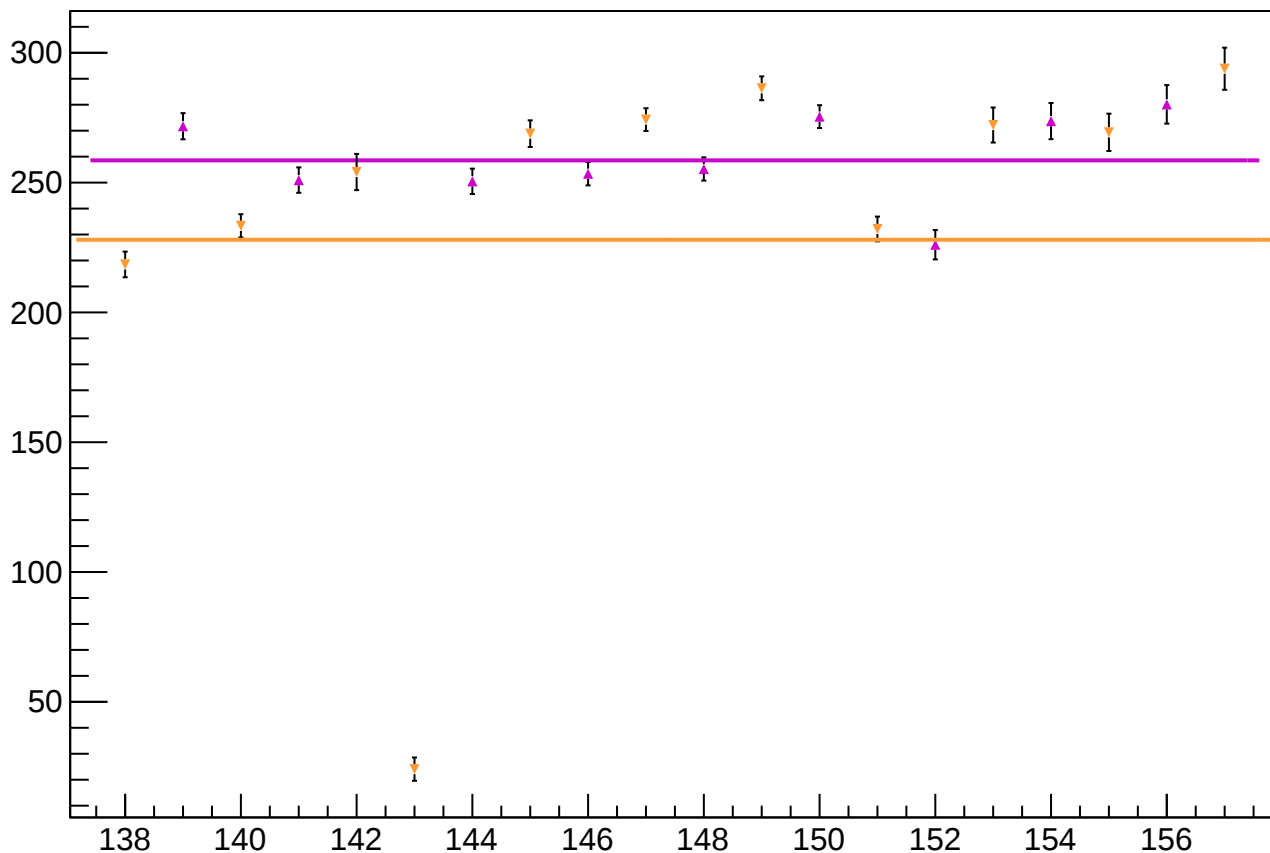
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -99.564+/-0.048 χ^2/NDF : 2341153.0/25

Out: -91.317+/-0.047 χ^2/NDF : 2560844.0/29

All: -95.281+/-0.034 χ^2/NDF : 4917100.0/55

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 227.987+/-1.583 χ^2/NDF :2559.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 258.566+/-1.704 χ^2/NDF :74.7/8

Left: 242.149+/-1.160 χ^2/NDF : 2807.4/19

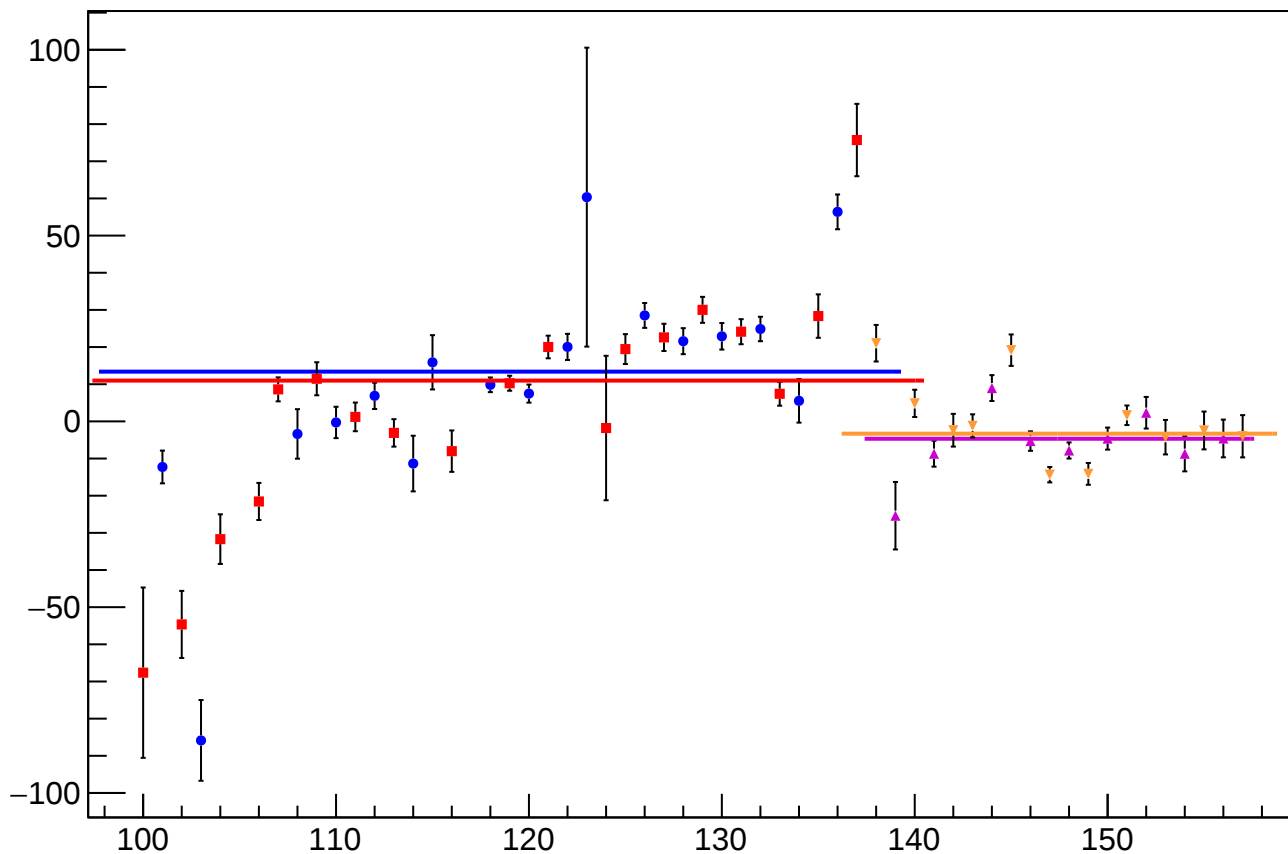
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.566+/-1.704 χ^2/NDF :74.7/8

Out: 227.987+/-1.583 χ^2/NDF :2559.9/10

All: 242.149+/-1.160 χ^2/NDF : 2807.4/19

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: -3.308 ± 1.035 $\chi^2/\text{NDF}: 103.6/10$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -4.677 ± 1.128 $\chi^2/\text{NDF}: 27.5/8$

Left: -3.934 ± 0.762 $\chi^2/\text{NDF}: 131.9/19$

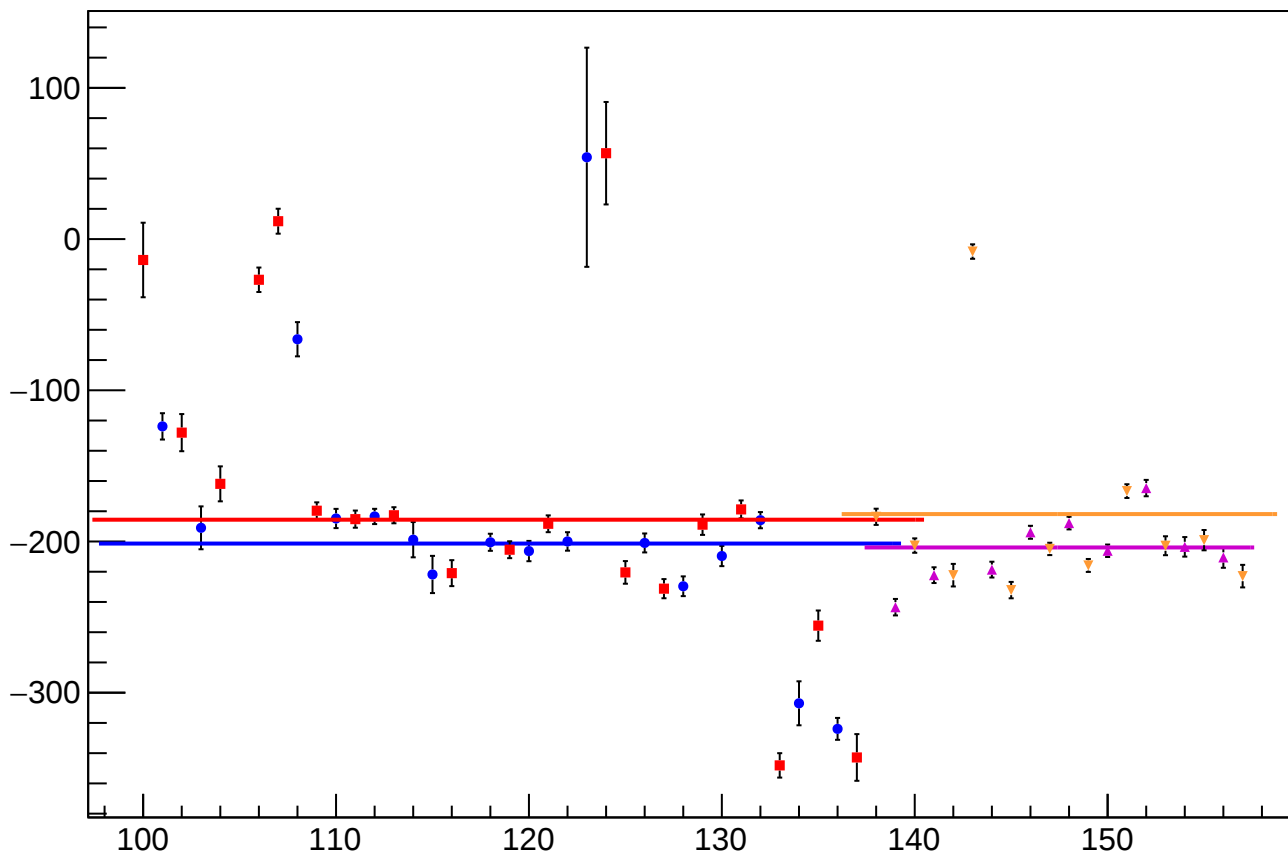
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 6.159 ± 0.713 $\chi^2/\text{NDF}: 475.4/25$

Out: 4.709 ± 0.685 $\chi^2/\text{NDF}: 514.6/29$

All: 5.404 ± 0.494 $\chi^2/\text{NDF}: 992.1/55$

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: -181.872 ± 1.576 χ^2/NDF : 1601.5/10

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -203.954 ± 1.675 χ^2/NDF : 146.8/8

Left: -192.240 ± 1.148 χ^2/NDF : 1840.6/19

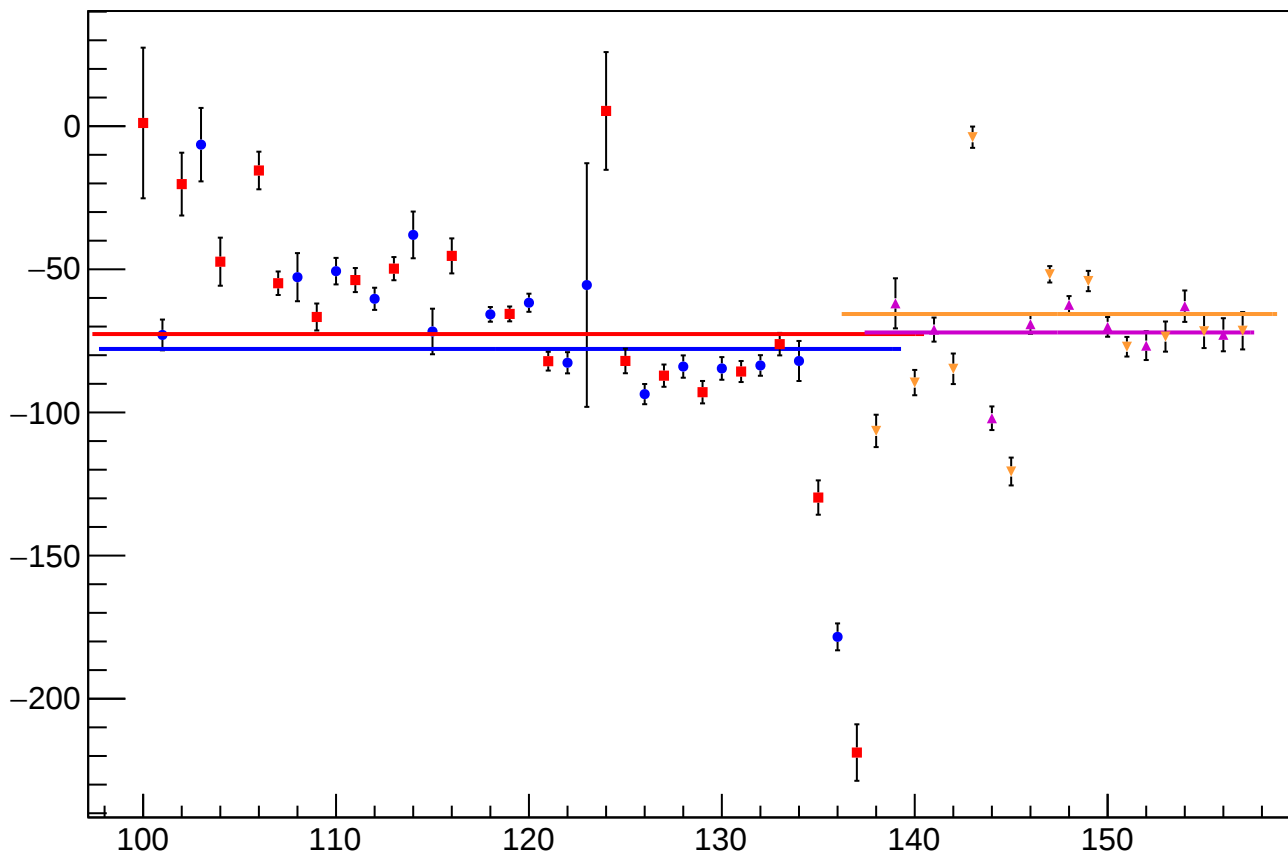
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -202.742 ± 1.221 χ^2/NDF : 773.0/25

Out: -183.591 ± 1.156 χ^2/NDF : 3352.4/29

All: -192.638 ± 0.839 χ^2/NDF : 4255.1/55

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -65.615 ± 1.283 $\chi^2/\text{NDF}: 547.3/10$

Right Out: -72.616 ± 1.053 $\chi^2/\text{NDF}: 606.8/18$

Left In: -72.060 ± 1.397 $\chi^2/\text{NDF}: 69.0/8$

Left: -68.565 ± 0.945 $\chi^2/\text{NDF}: 627.8/19$

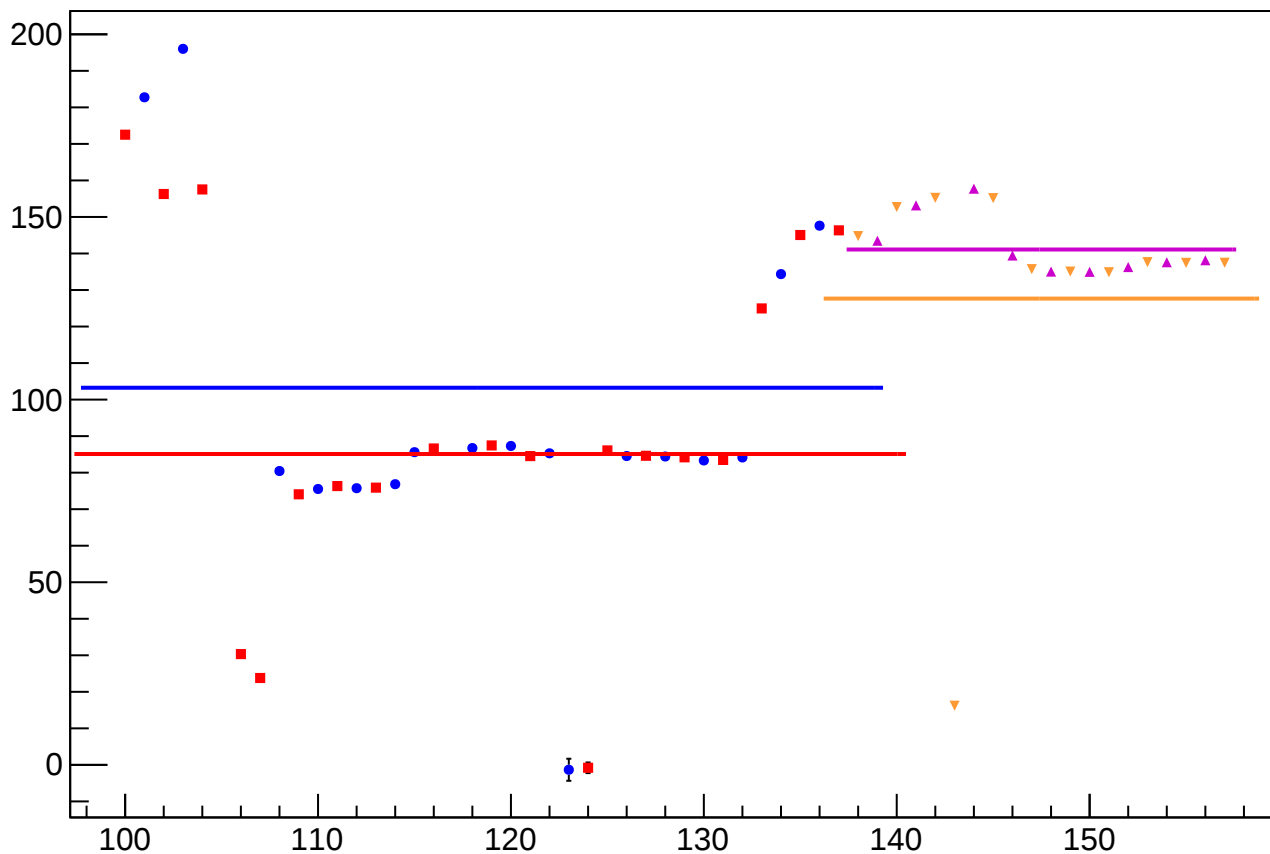
Right: -75.179 ± 0.750 $\chi^2/\text{NDF}: 1275.2/35$

In: -75.694 ± 0.848 $\chi^2/\text{NDF}: 736.0/25$

Out: -69.799 ± 0.814 $\chi^2/\text{NDF}: 1171.9/29$

All: -72.624 ± 0.587 $\chi^2/\text{NDF}: 1933.1/55$

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: 127.654 $\pm$ 0.064 χ^2 /NDF: 391972.4/10

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 141.090 $\pm$ 0.068 χ^2 /NDF: 12091.6/8

Left: 134.037 $\pm$ 0.047 χ^2 /NDF: 424718.5/19

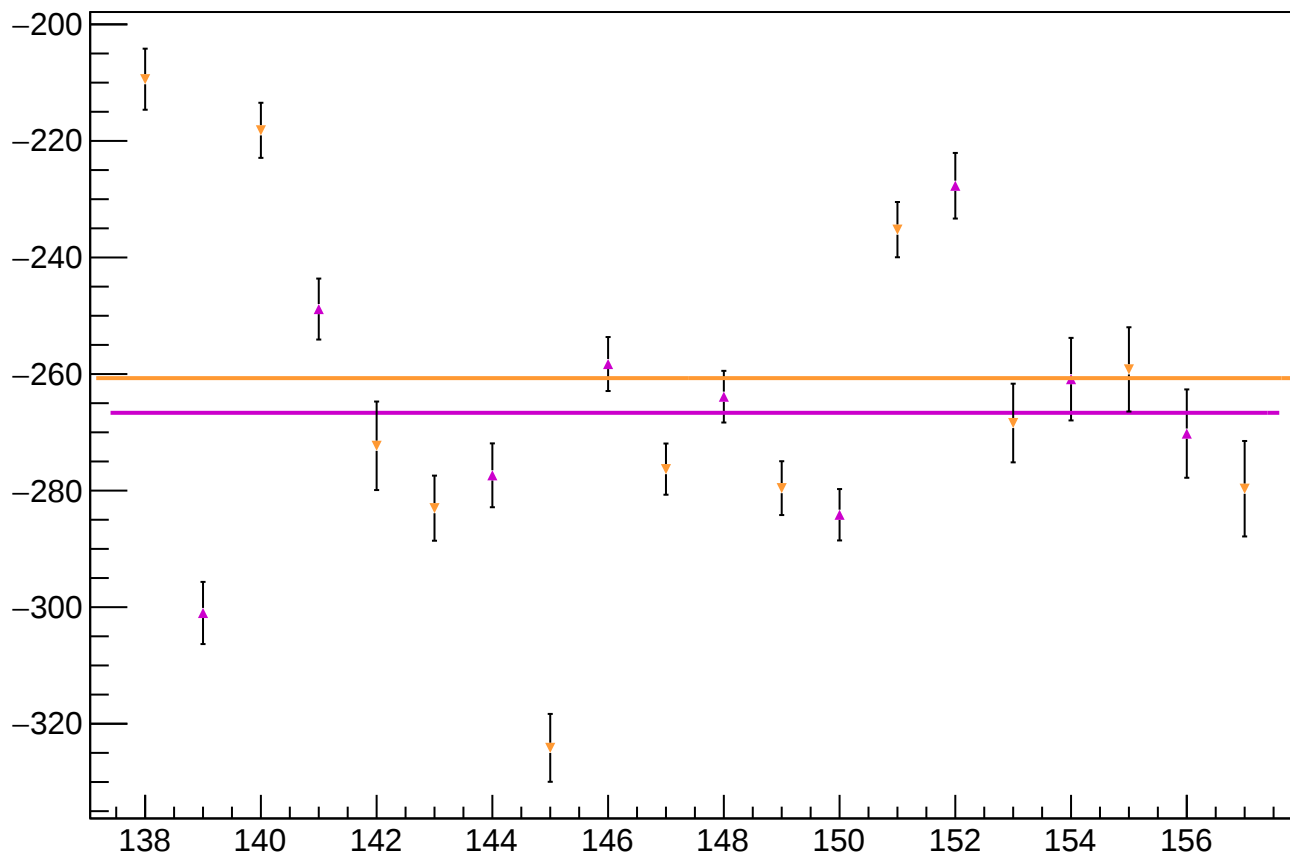
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 122.913 $\pm$ 0.049 χ^2 /NDF: 435392.6/25

Out: 106.139 $\pm$ 0.045 χ^2 /NDF: 1035996.1/29

All: 113.898 $\pm$ 0.033 χ^2 /NDF: 1534807.7/55

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: -260.700+/-1.668 χ^2/NDF :378.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.652+/-1.760 χ^2/NDF :125.0/8

Left: -263.517+/-1.211 χ^2/NDF : 509.8/19

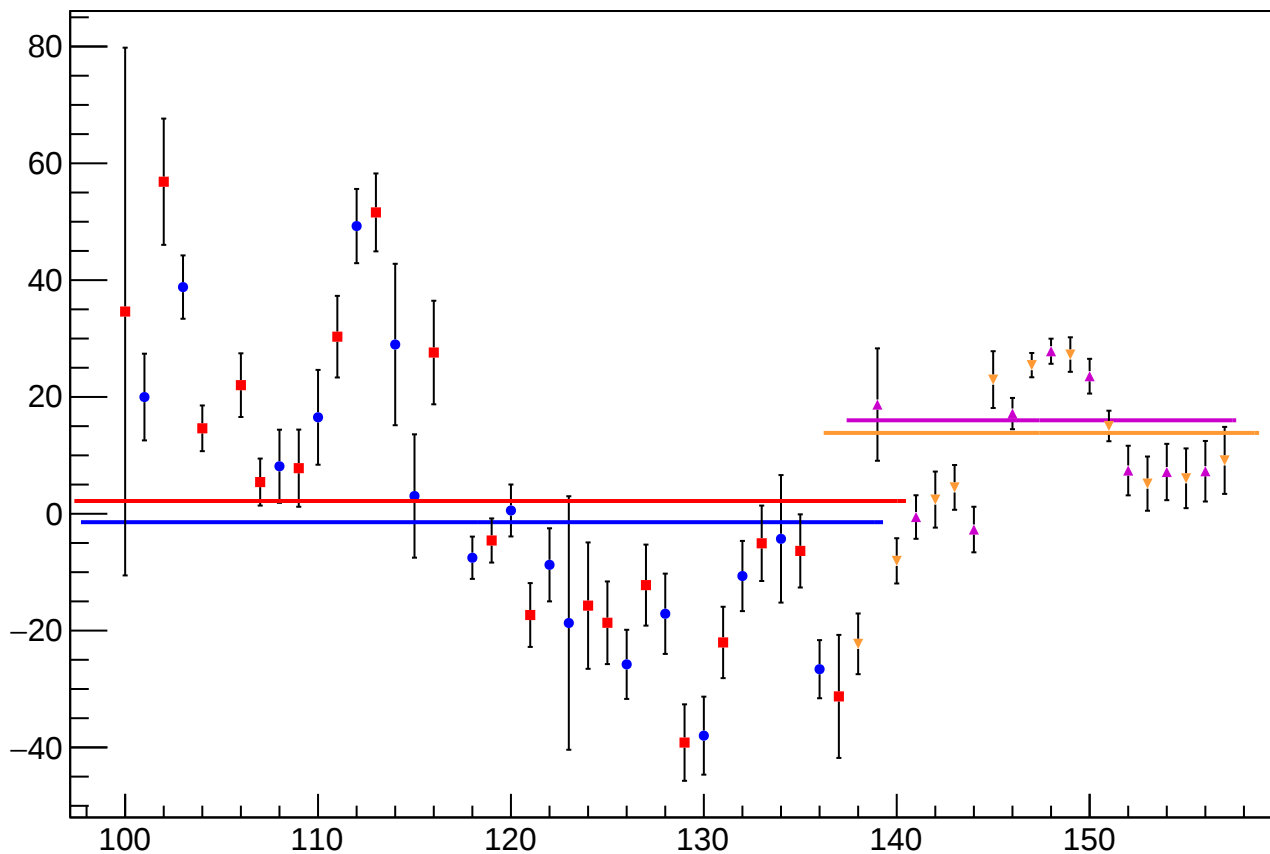
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.652+/-1.760 χ^2/NDF :125.0/8

Out: -260.700+/-1.668 χ^2/NDF :378.7/10

All: -263.517+/-1.211 χ^2/NDF : 509.8/19

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 13.845 ± 1.076 χ^2/NDF : 153.8/10

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 16.003 ± 1.152 χ^2/NDF : 90.0/8

Left: 14.849 ± 0.786 χ^2/NDF : 245.7/19

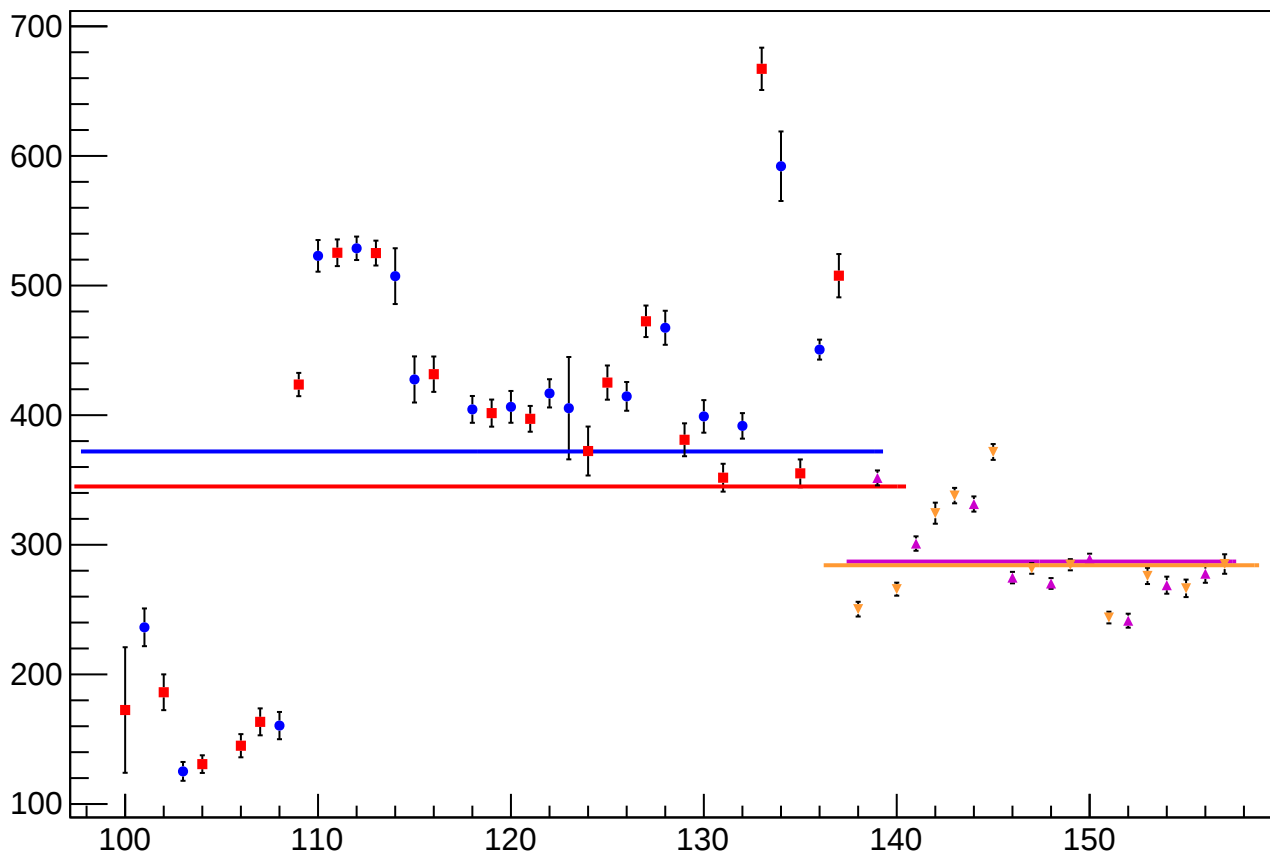
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 9.615 ± 0.917 χ^2/NDF : 398.3/25

Out: 9.519 ± 0.853 χ^2/NDF : 428.1/29

All: 9.563 ± 0.625 χ^2/NDF : 826.4/55

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: 284.210 $\pm$ 1.649 χ^2 /NDF:448.4/10

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 287.059 $\pm$ 1.722 χ^2 /NDF:294.1/8

Left: 285.572 $\pm$ 1.191 χ^2 /NDF: 743.9/19

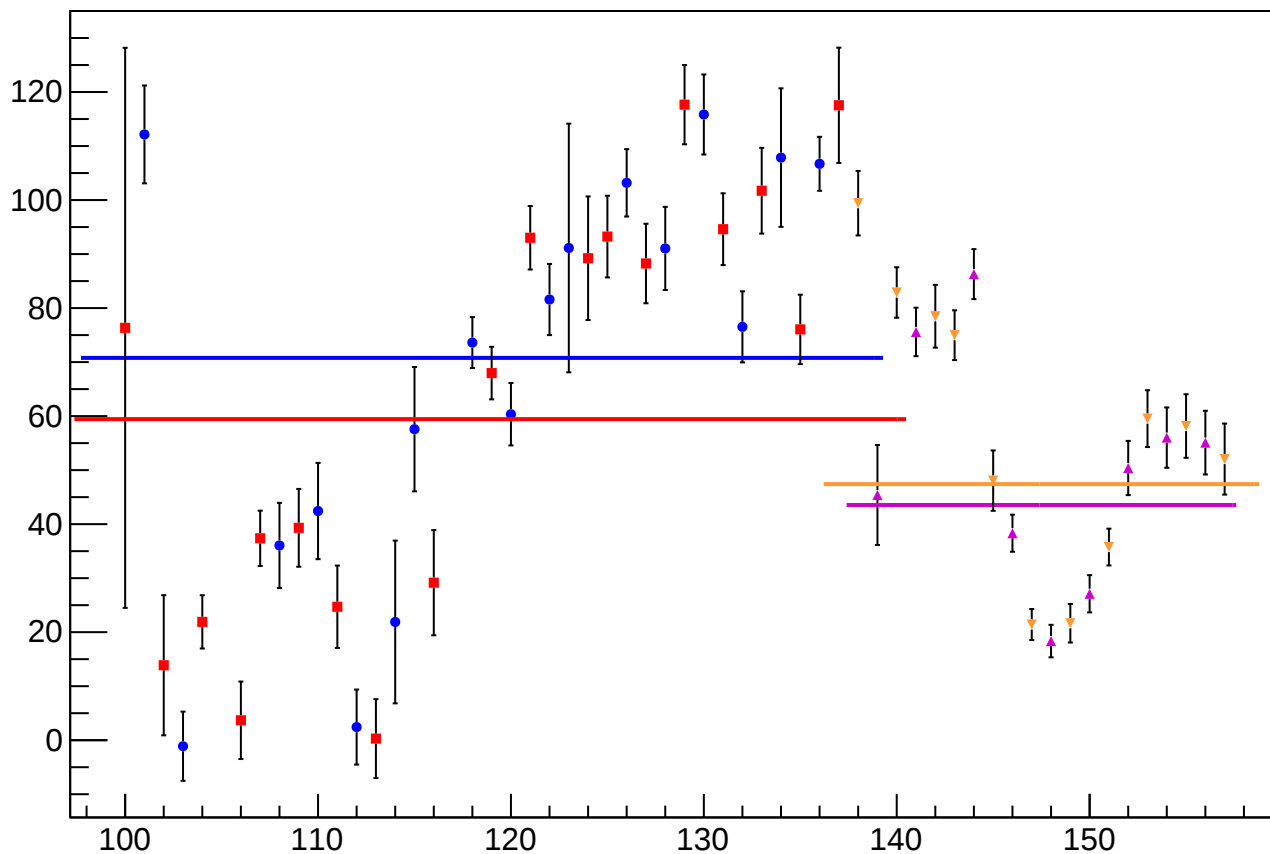
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 310.808 $\pm$ 1.462 χ^2 /NDF:3405.2/25

Out: 302.022 $\pm$ 1.386 χ^2 /NDF:4261.0/29

All: 306.182 $\pm$ 1.006 χ^2 /NDF: 7685.2/55

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: 47.410 $\pm$ 1.340 χ^2/NDF : 352.7/10

Right Out: 59.438 $\pm$ 1.631 χ^2/NDF : 486.7/18

Left In: 43.546 $\pm$ 1.432 χ^2/NDF : 242.1/8

Left: 45.605 $\pm$ 0.978 χ^2/NDF : 598.7/19

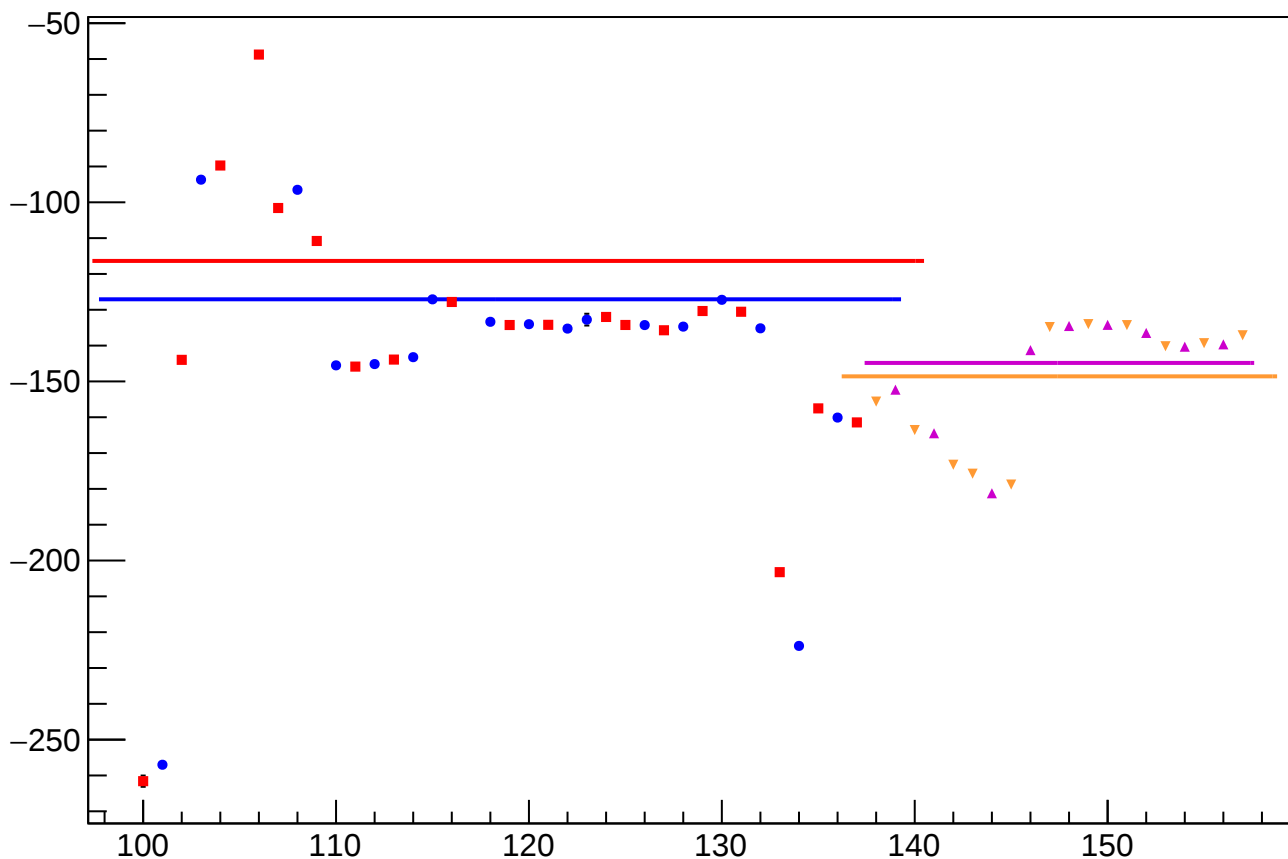
Right: 64.722 $\pm$ 1.192 χ^2/NDF : 933.1/35

In: 54.489 $\pm$ 1.107 χ^2/NDF : 811.5/25

Out: 52.258 $\pm$ 1.036 χ^2/NDF : 871.8/29

All: 53.299 $\pm$ 0.756 χ^2/NDF : 1685.5/55

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: -148.586+/-0.068 χ^2/NDF : 61209.4/10

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -144.838+/-0.070 χ^2/NDF : 38833.0/8

Left: -146.769+/-0.049 χ^2/NDF : 101532.5/19

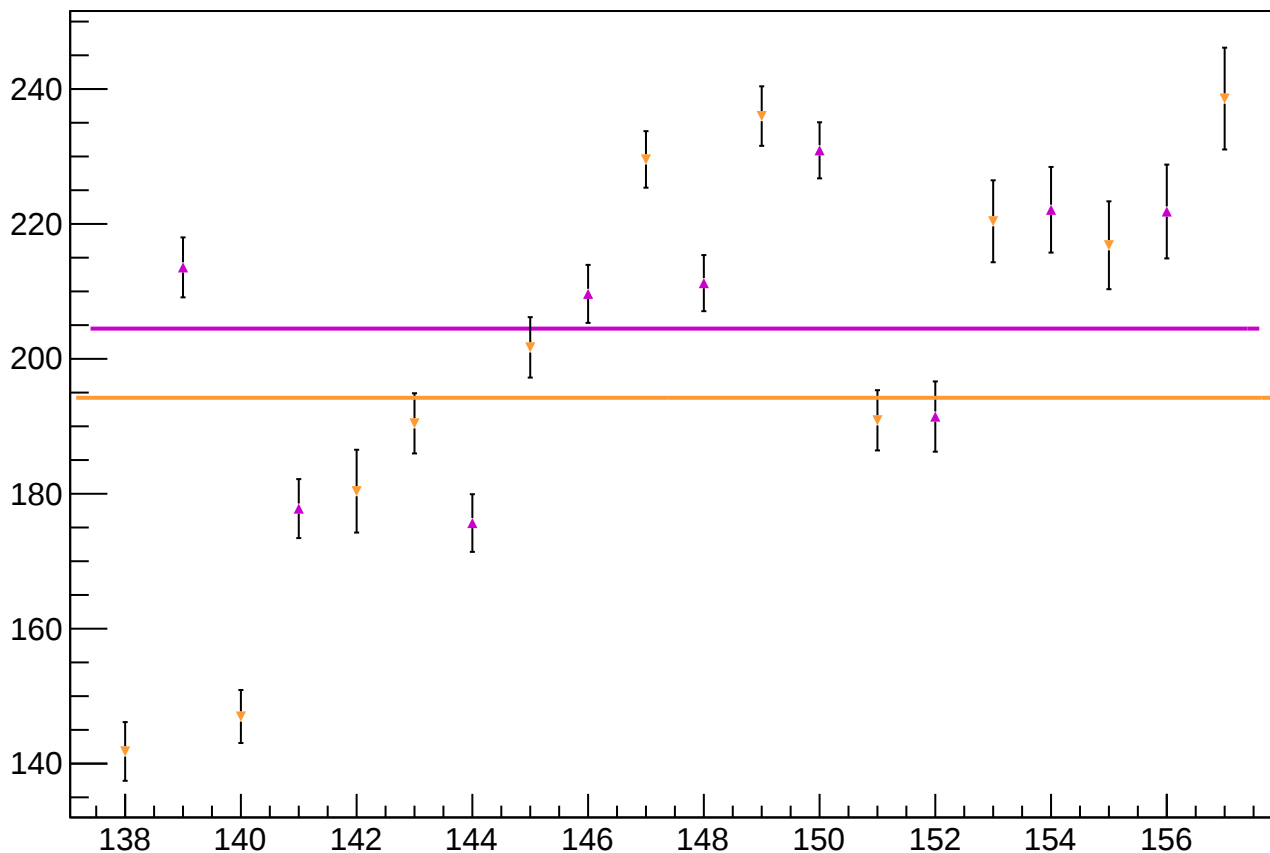
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.137+/-0.055 χ^2/NDF : 230374.8/25

Out: -135.720+/-0.052 χ^2/NDF : 319508.4/29

All: -136.870+/-0.038 χ^2/NDF : 550896.4/55

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: 194.231+/-1.457 χ^2/NDF : 524.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 204.485+/-1.562 χ^2/NDF : 151.5/8

Left: 199.002+/-1.066 χ^2/NDF : 699.3/19

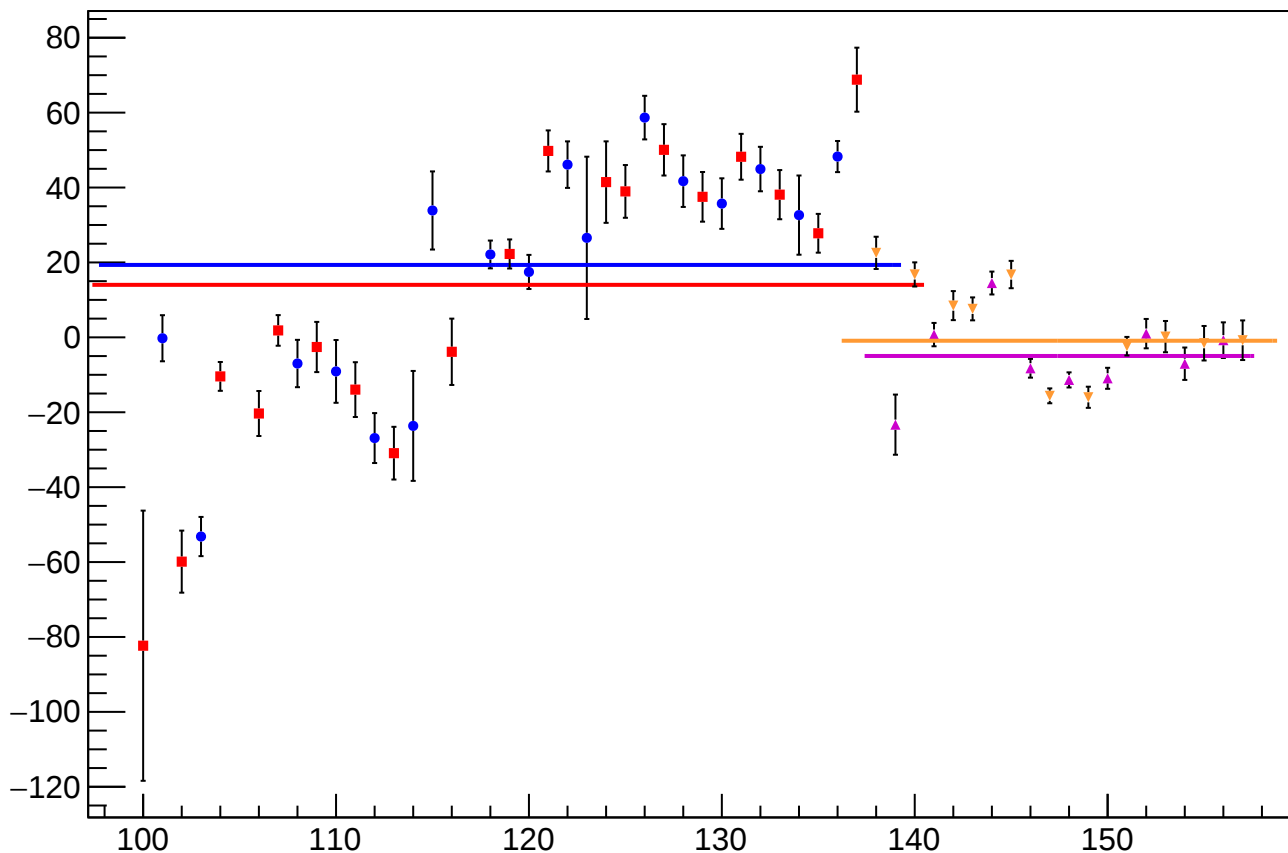
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 204.485+/-1.562 χ^2/NDF : 151.5/8

Out: 194.231+/-1.457 χ^2/NDF : 524.7/10

All: 199.002+/-1.066 χ^2/NDF : 699.3/19

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.906 ± 0.962 $\chi^2/\text{NDF}: 180.8/10$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -4.973 ± 1.042 $\chi^2/\text{NDF}: 68.8/8$

Left: -2.777 ± 0.707 $\chi^2/\text{NDF}: 257.8/19$

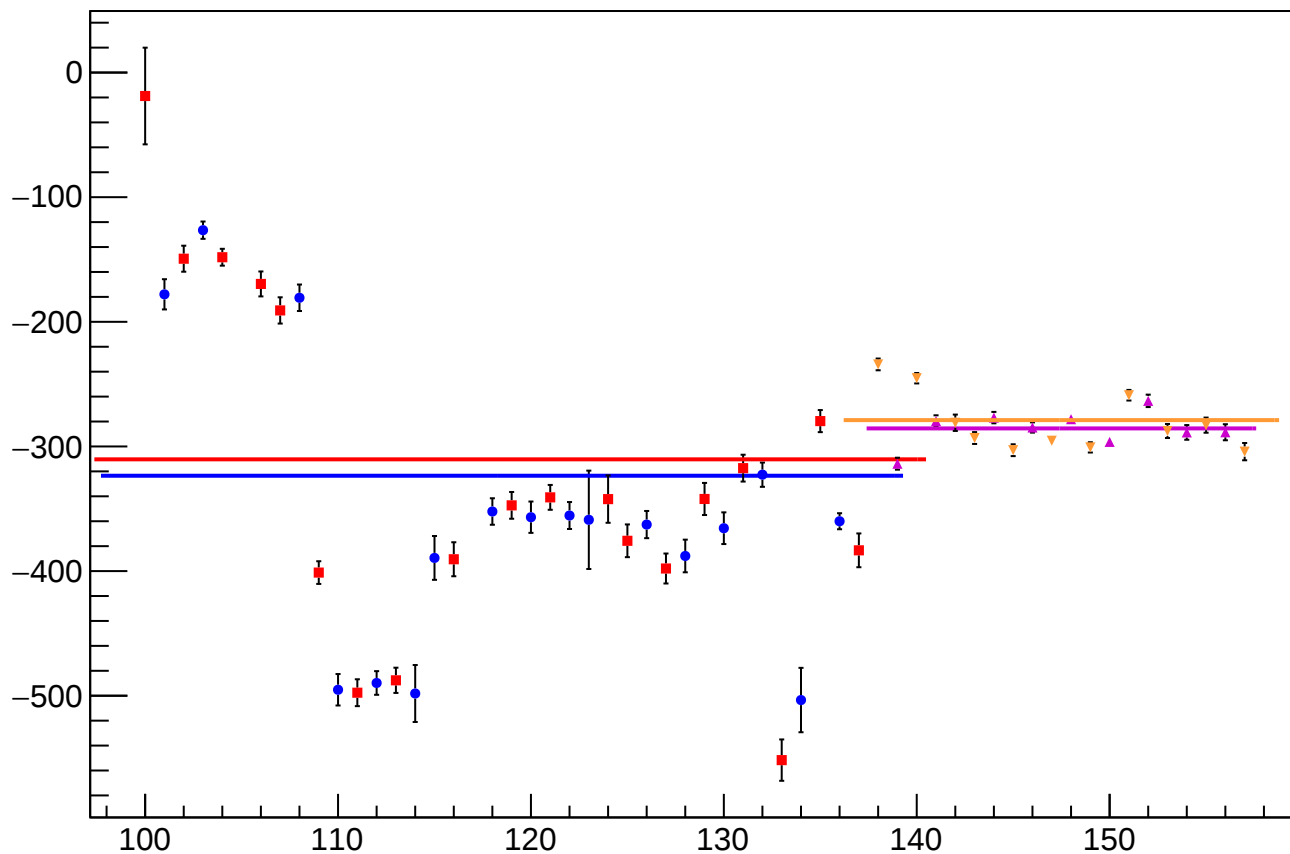
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.068 ± 0.853 $\chi^2/\text{NDF}: 688.7/25$

Out: 3.927 ± 0.791 $\chi^2/\text{NDF}: 691.9/29$

All: 3.530 ± 0.580 $\chi^2/\text{NDF}: 1381.1/55$

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: -278.870 ± 1.455 $\chi^2/\text{NDF}: 273.6/10$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -285.524 ± 1.540 $\chi^2/\text{NDF}: 71.4/8$

Left: -282.007 ± 1.058 $\chi^2/\text{NDF}: 354.9/19$

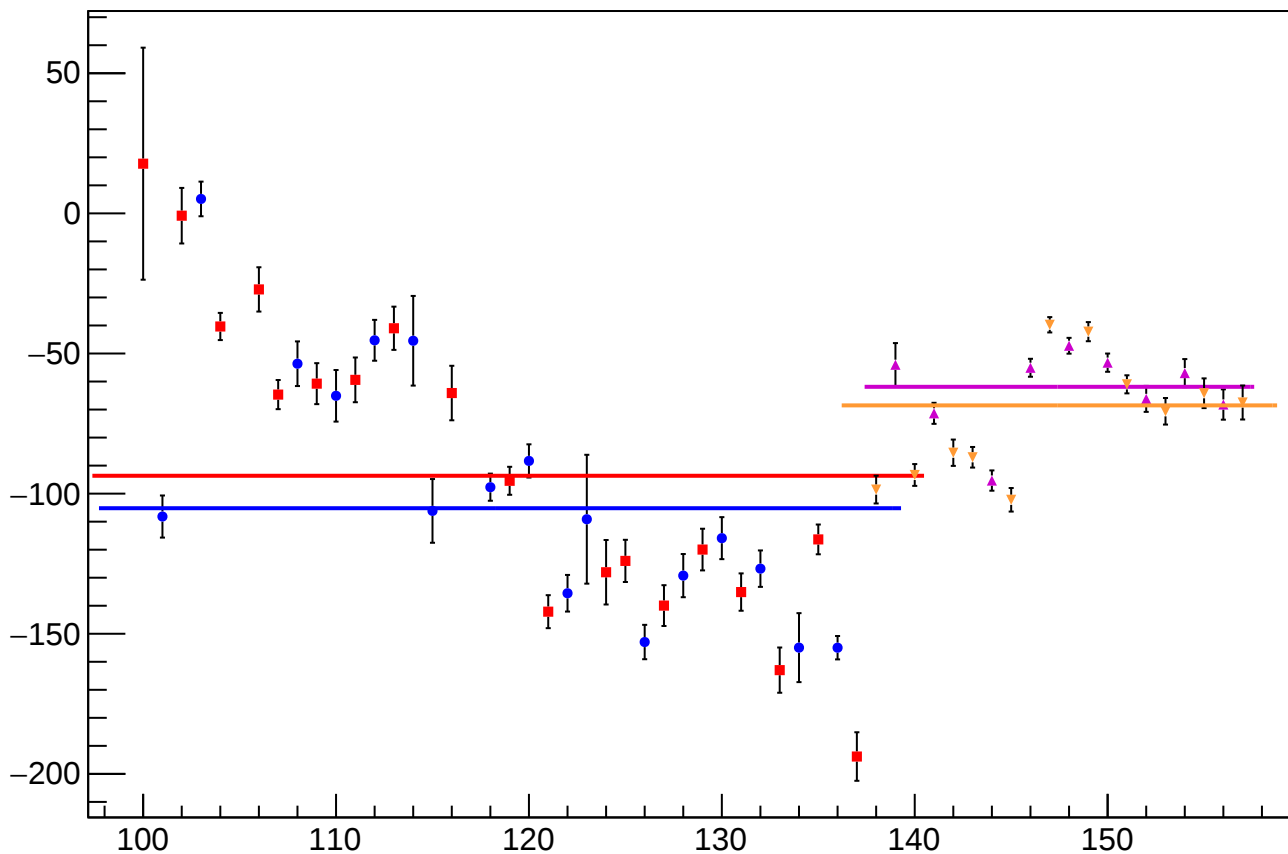
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -294.989 ± 1.334 $\chi^2/\text{NDF}: 2070.5/25$

Out: -286.728 ± 1.260 $\chi^2/\text{NDF}: 2690.9/29$

All: -290.622 ± 0.916 $\chi^2/\text{NDF}: 4781.7/55$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.513 ± 1.191 χ^2/NDF : 356.2/10

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -61.883 ± 1.289 χ^2/NDF : 134.4/8

Left: -65.460 ± 0.874 χ^2/NDF : 504.9/19

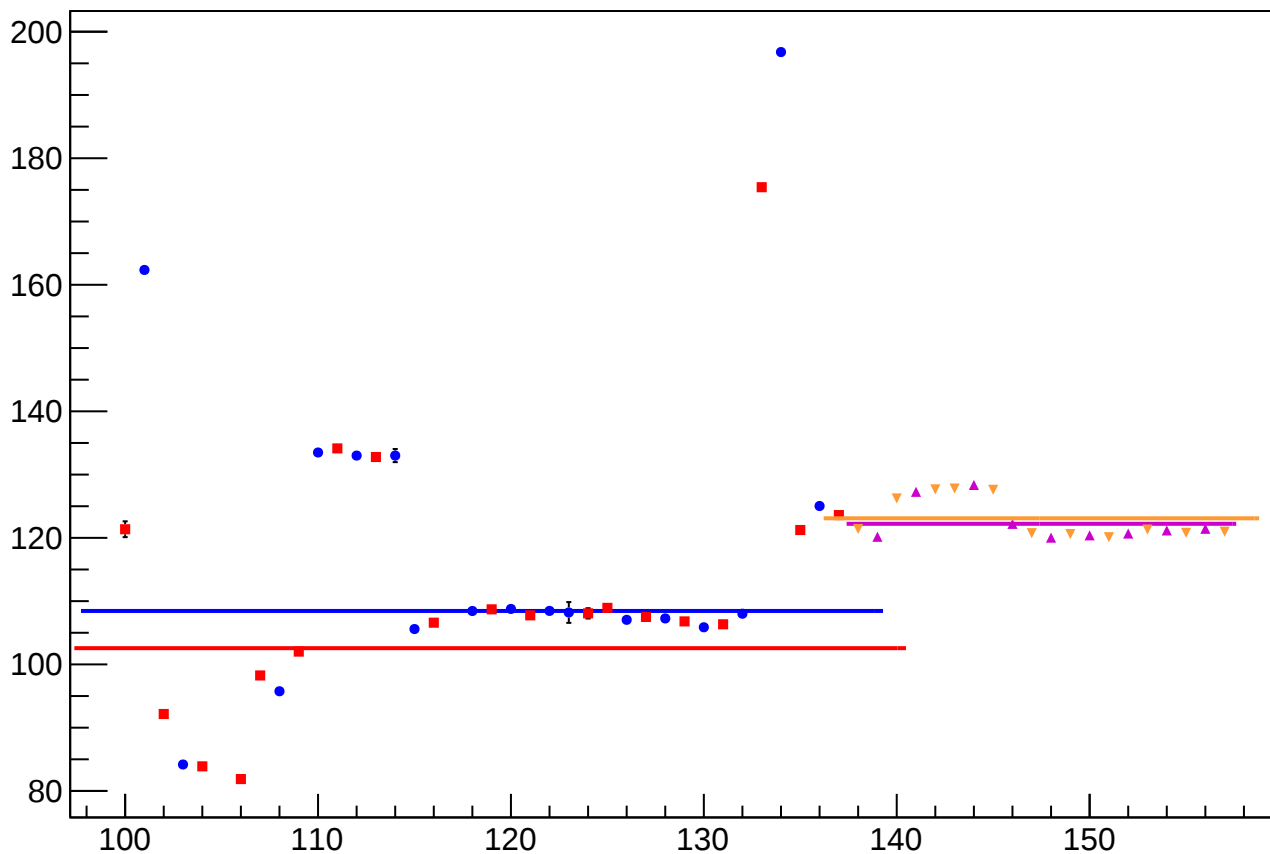
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -77.730 ± 1.026 χ^2/NDF : 1283.5/25

Out: -77.391 ± 0.957 χ^2/NDF : 1336.1/29

All: -77.549 ± 0.700 χ^2/NDF : 2619.6/55

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 123.092 $\pm$ 0.059 χ^2 /NDF: 2755.8/10

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 122.223 $\pm$ 0.062 χ^2 /NDF: 2206.8/8

Left: 122.677 $\pm$ 0.043 χ^2 /NDF: 5064.6/19

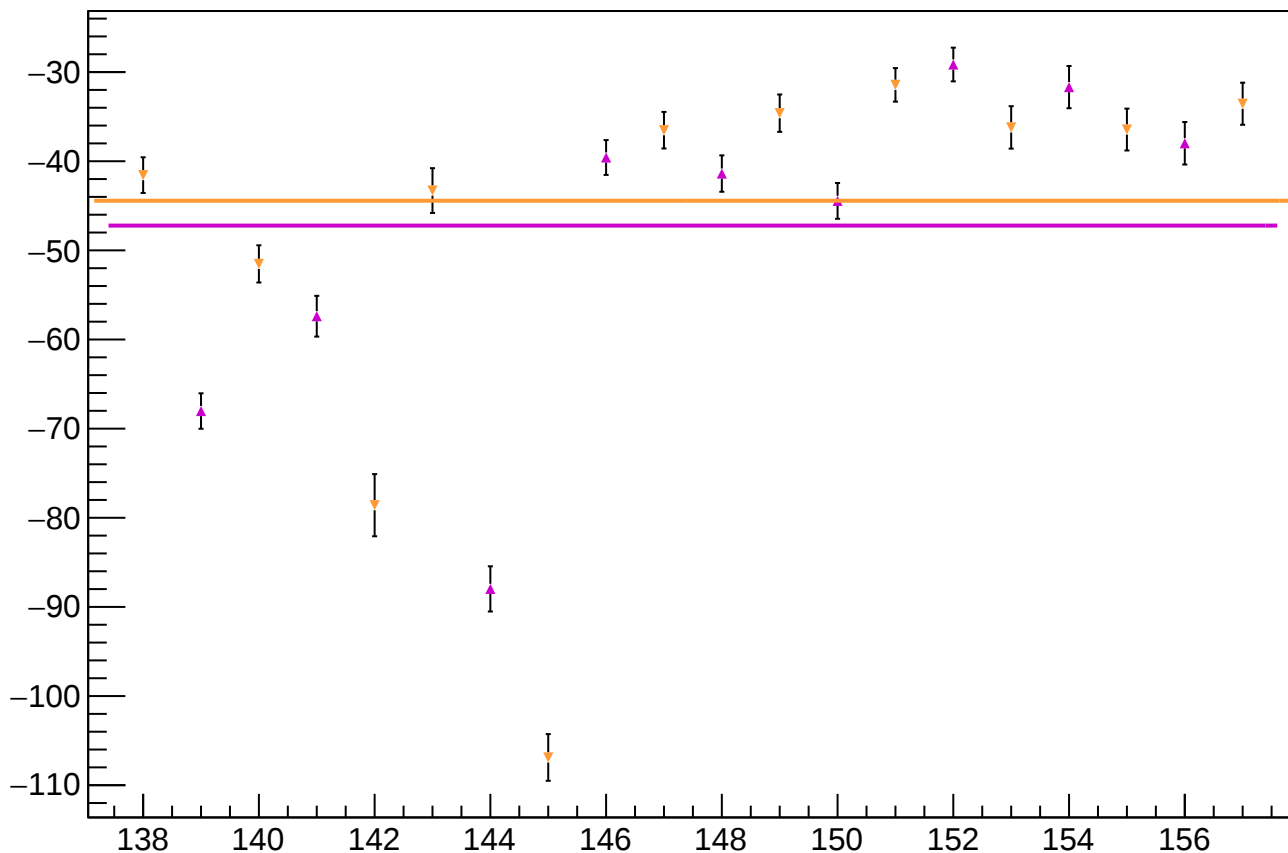
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 117.408 $\pm$ 0.050 χ^2 /NDF: 92638.5/25

Out: 115.736 $\pm$ 0.048 χ^2 /NDF: 98724.6/29

All: 116.528 $\pm$ 0.035 χ^2 /NDF: 191948.9/55

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



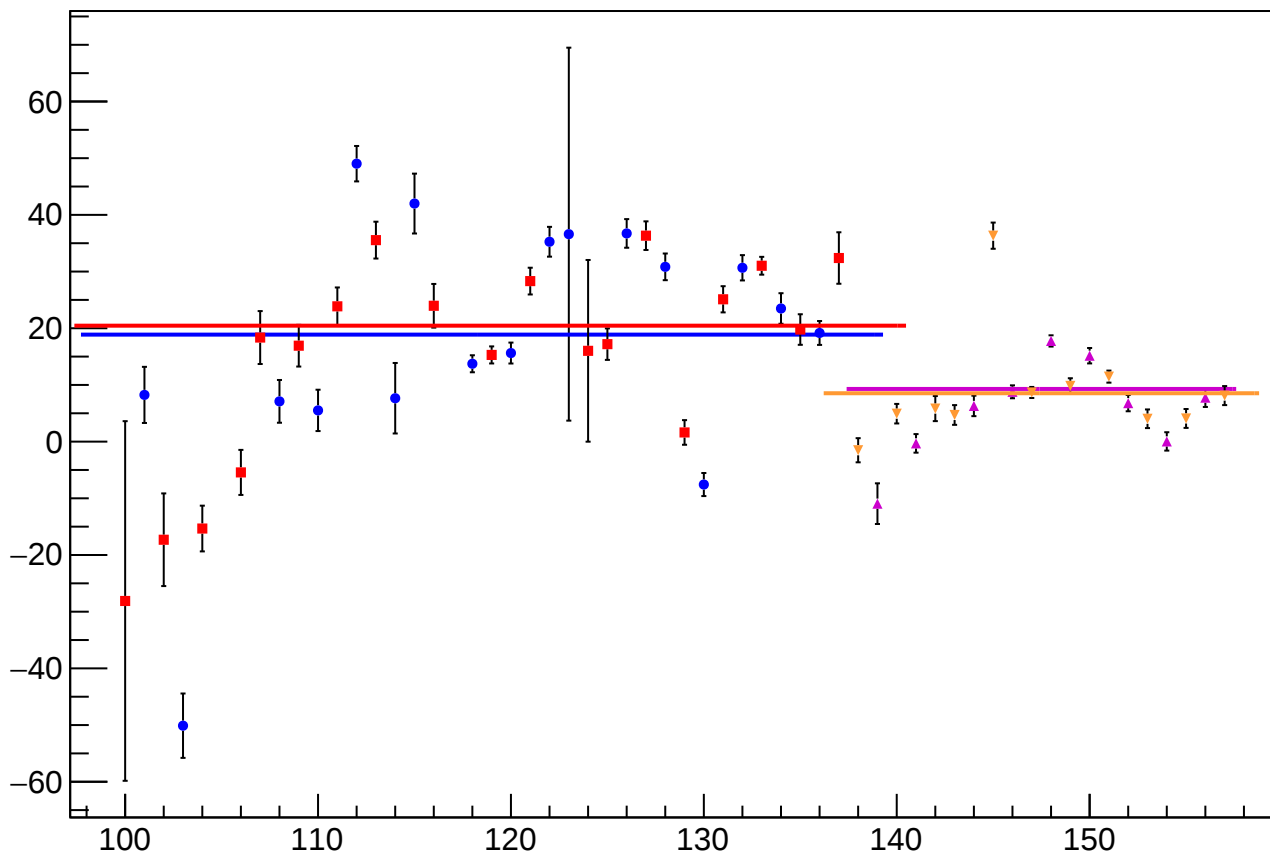
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -44.433+/-0.682 χ^2/NDF :807.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -47.219+/-0.710 χ^2/NDF :562.2/8

Left: -45.769+/-0.492 χ^2/NDF : 1378.0/19
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.219+/-0.710 χ^2/NDF :562.2/8
 Out: -44.433+/-0.682 χ^2/NDF :807.8/10

All: -45.769+/-0.492 χ^2/NDF : 1378.0/19

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.534 $\pm$ 0.454 χ^2 /NDF:200.9/10

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 9.293 $\pm$ 0.481 χ^2 /NDF:197.1/8

Left: 8.891 $\pm$ 0.330 χ^2 /NDF: 399.3/19

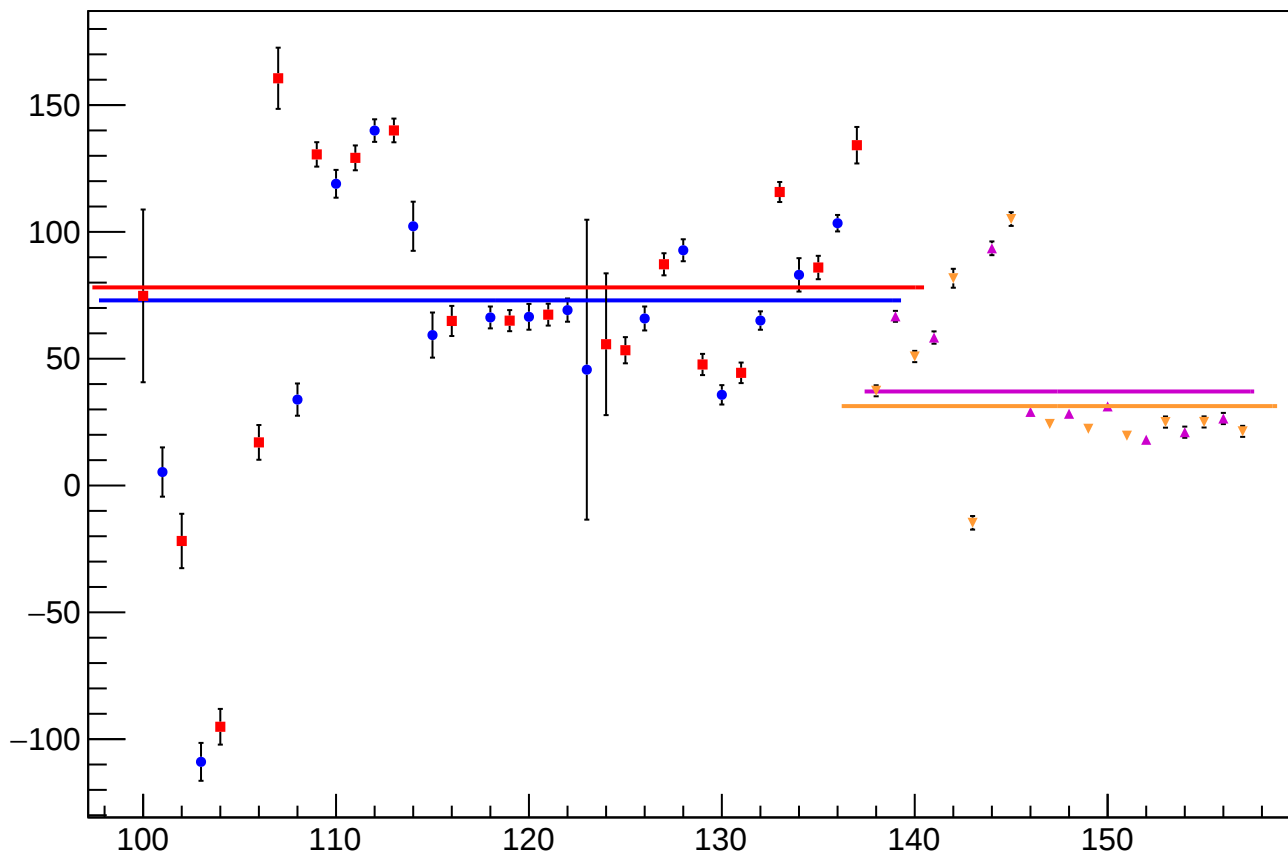
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 12.723 $\pm$ 0.386 χ^2 /NDF:959.5/25

Out: 12.496 $\pm$ 0.371 χ^2 /NDF:794.9/29

All: 12.605 $\pm$ 0.267 χ^2 /NDF: 1754.6/55

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: 31.312 $\pm$ 0.670 χ^2 /NDF:1420.1/10

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 37.077 $\pm$ 0.693 χ^2 /NDF:935.3/8

Left: 34.095 $\pm$ 0.482 χ^2 /NDF: 2391.2/19

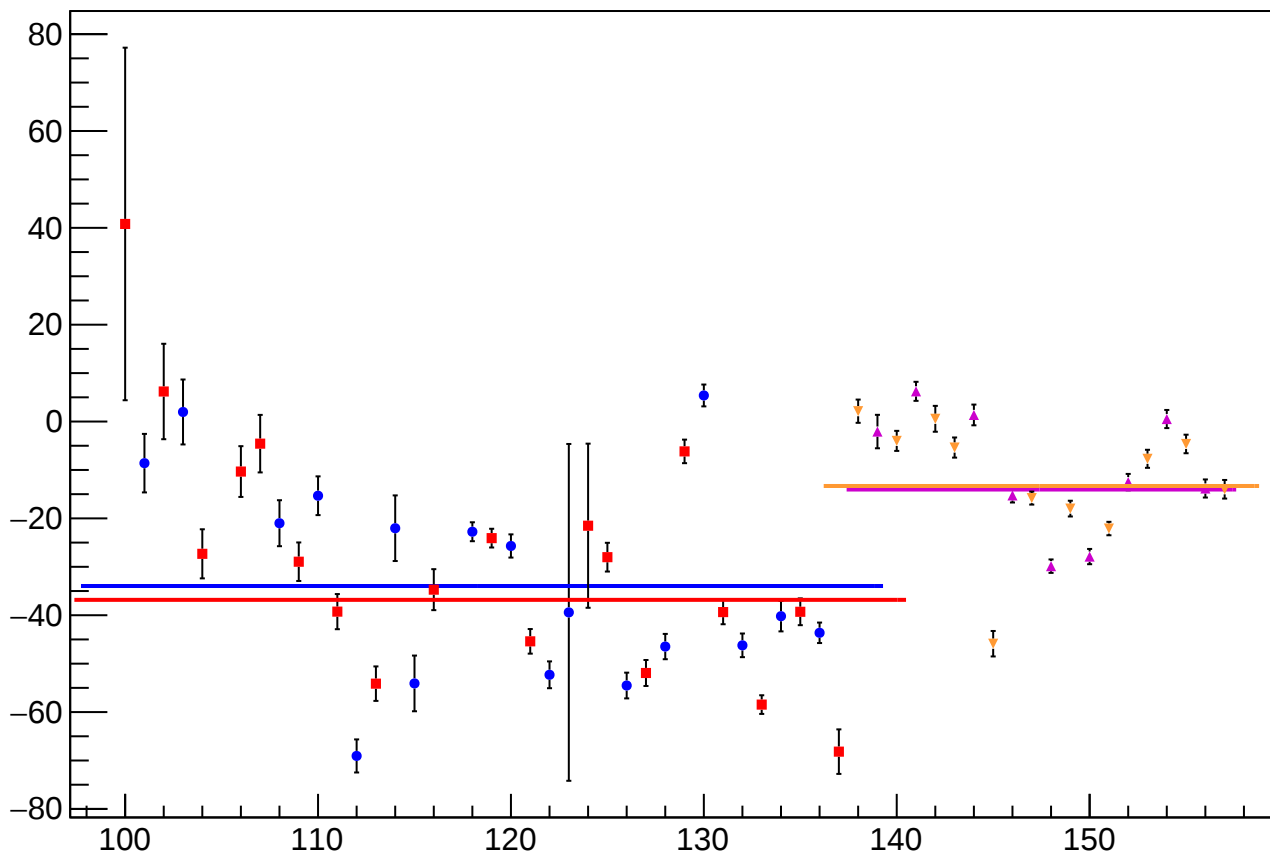
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 45.740 $\pm$ 0.604 χ^2 /NDF:2787.7/25

Out: 42.112 $\pm$ 0.588 χ^2 /NDF:4093.3/29

All: 43.875 $\pm$ 0.421 χ^2 /NDF: 6899.6/55

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: -13.310 ± 0.558 χ^2/NDF : 338.0/10

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.041 ± 0.590 χ^2/NDF : 439.3/8

Left: -13.655 ± 0.406 χ^2/NDF : 778.1/19

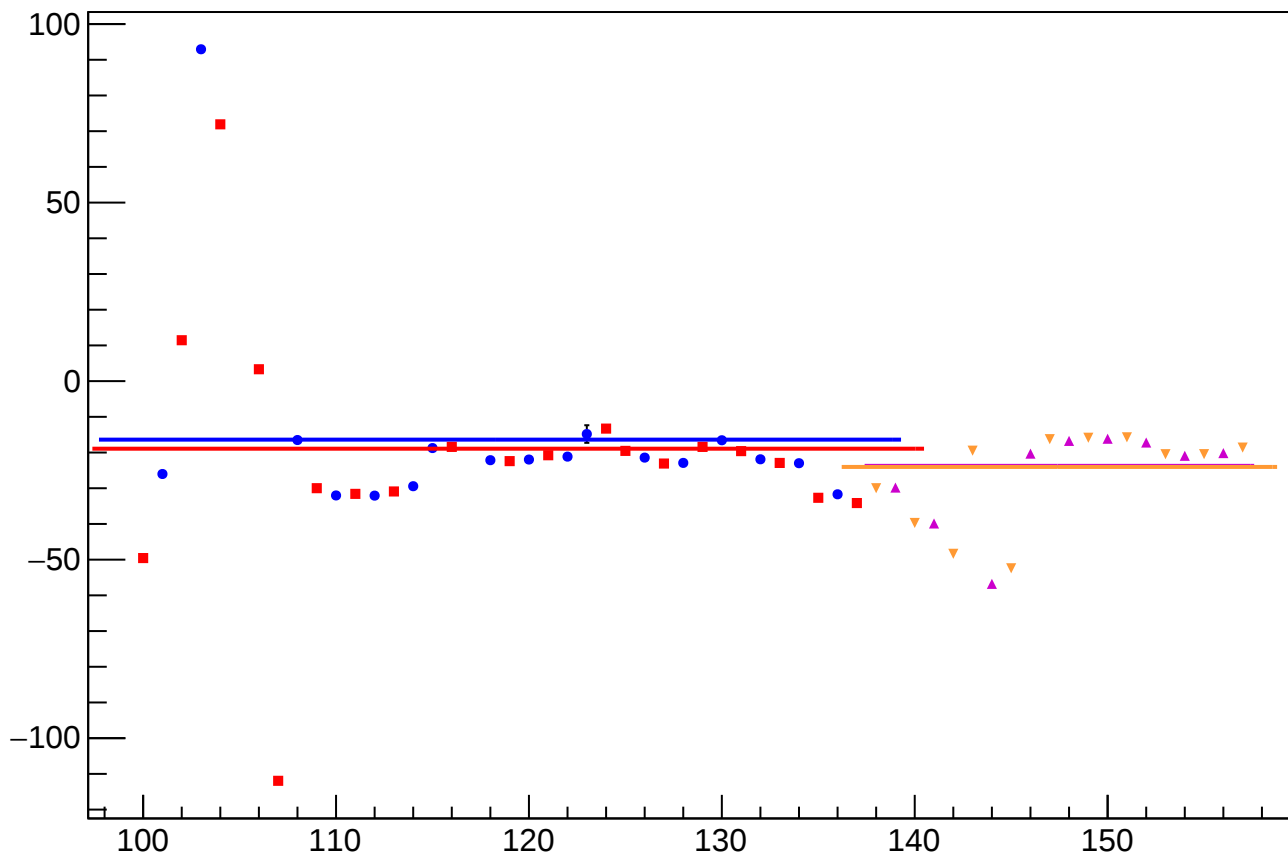
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -21.817 ± 0.461 χ^2/NDF : 1606.1/25

Out: -21.888 ± 0.445 χ^2/NDF : 1524.9/29

All: -21.854 ± 0.320 χ^2/NDF : 3131.0/55

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: -24.033 ± 0.027 $\chi^2/\text{NDF}: 167545.5/10$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -23.731 ± 0.027 $\chi^2/\text{NDF}: 140434.6/8$

Left: -23.886 ± 0.019 $\chi^2/\text{NDF}: 308042.7/19$

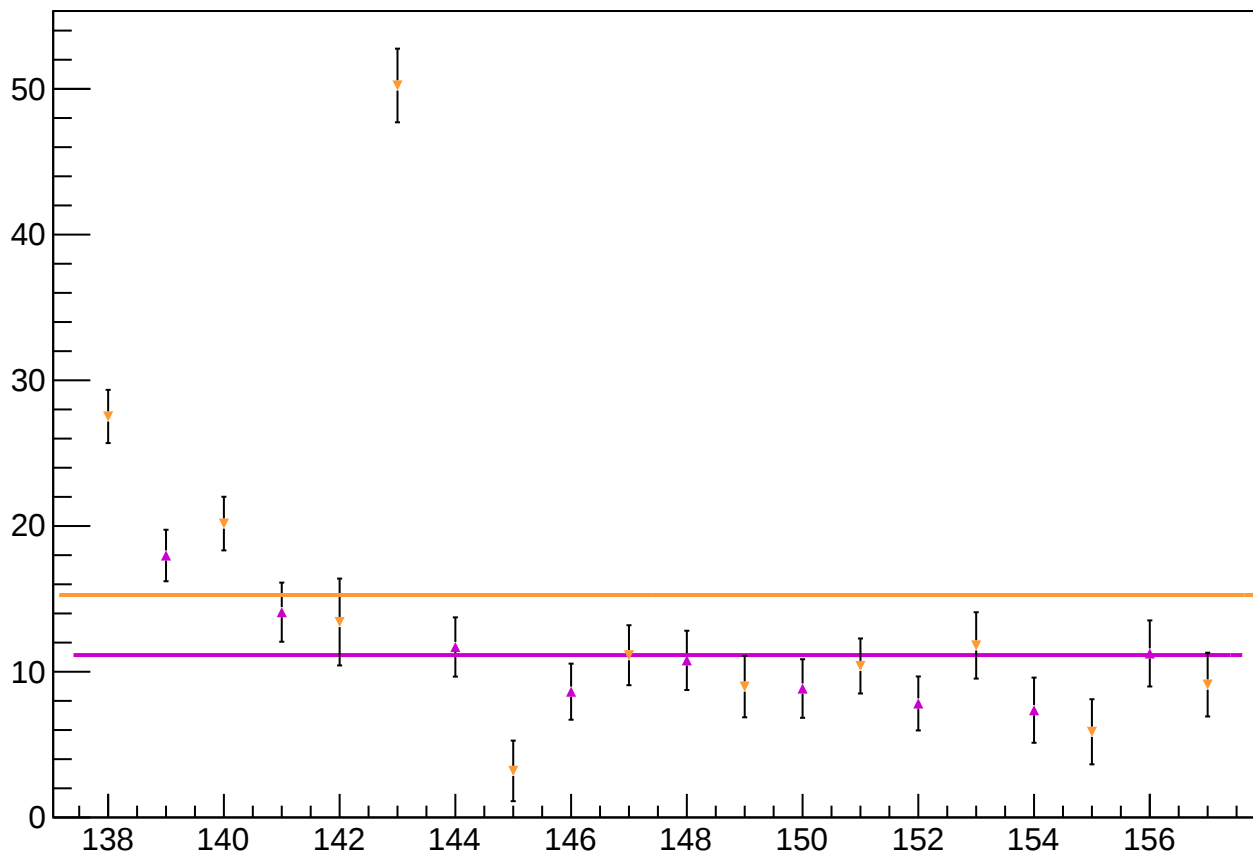
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -21.711 ± 0.023 $\chi^2/\text{NDF}: 634512.3/25$

Out: -22.721 ± 0.023 $\chi^2/\text{NDF}: 611160.5/29$

All: -22.225 ± 0.016 $\chi^2/\text{NDF}: 1246626.9/55$

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: 15.265 ± 0.640 χ^2/NDF : 325.0/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 11.144 ± 0.667 χ^2/NDF : 26.3/8

Left: 13.288 ± 0.462 χ^2/NDF : 371.1/19

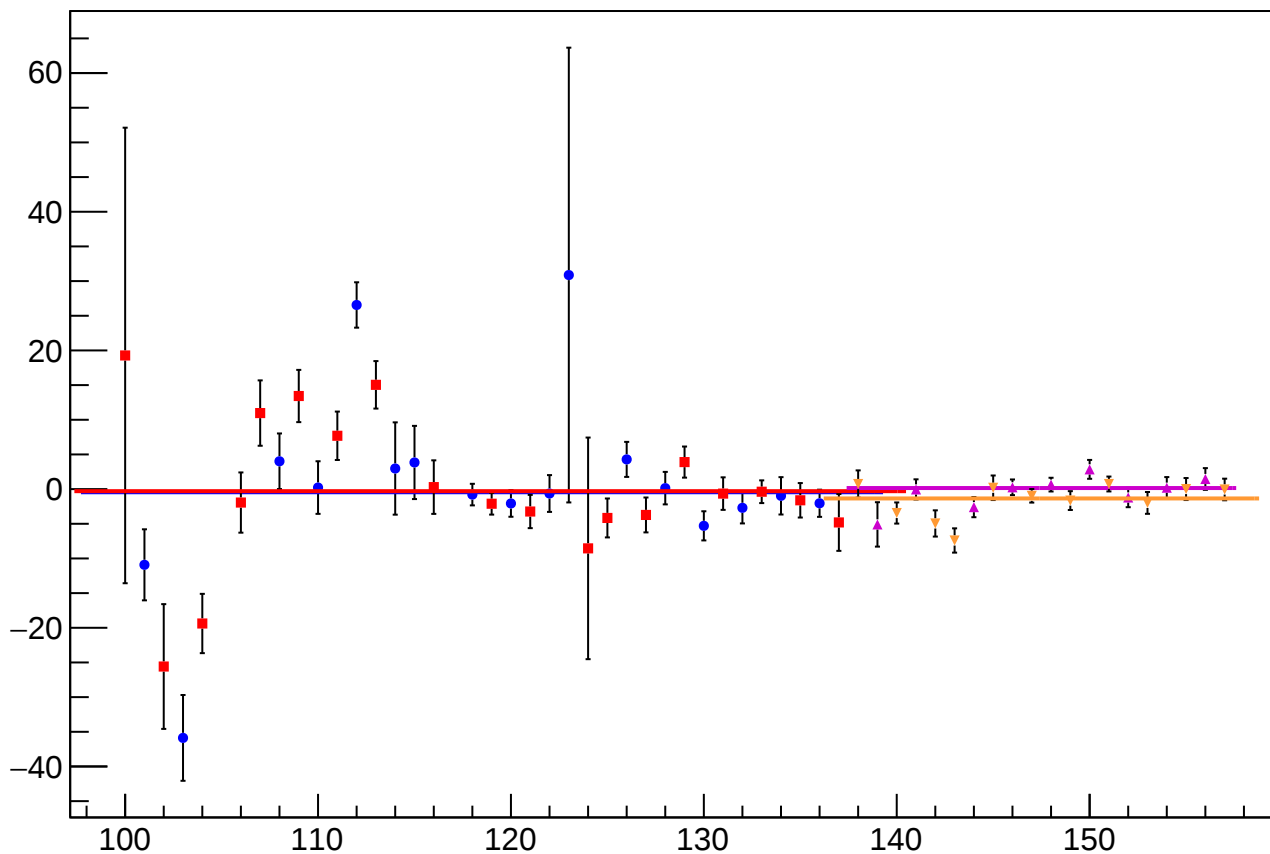
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 11.144 ± 0.667 χ^2/NDF : 26.3/8

Out: 15.265 ± 0.640 χ^2/NDF : 325.0/10

All: 13.288 ± 0.462 χ^2/NDF : 371.1/19

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: -1.347 ± 0.435 χ^2/NDF : 25.0/10

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.154 ± 0.460 χ^2/NDF : 12.1/8

Left: -0.638 ± 0.316 χ^2/NDF : 42.7/19

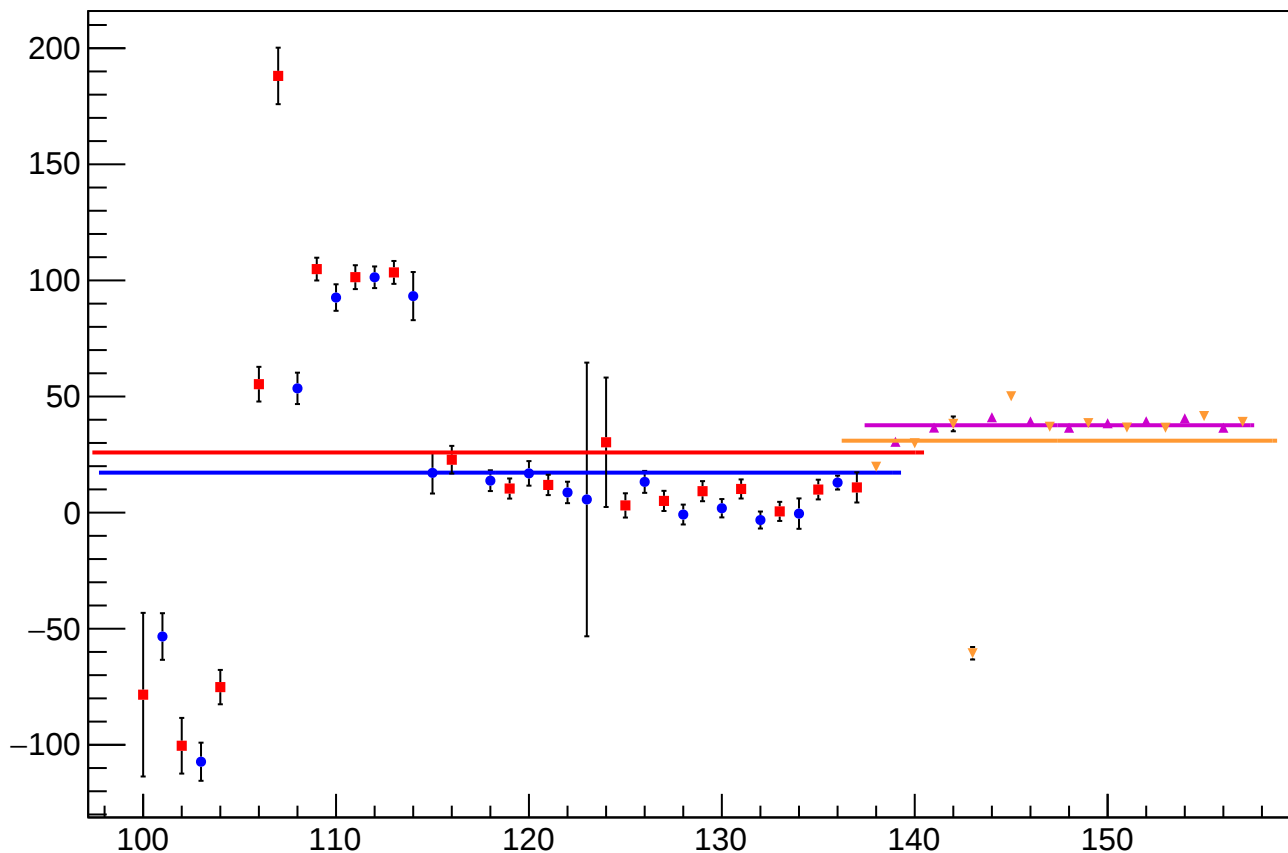
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.046 ± 0.376 χ^2/NDF : 132.2/25

Out: -1.027 ± 0.363 χ^2/NDF : 111.2/29

All: -0.555 ± 0.261 χ^2/NDF : 246.9/55

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: 30.975+/-0.633 χ^2/NDF :1350.4/10

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 37.629+/-0.655 χ^2/NDF :21.2/8

Left: 34.186+/-0.455 χ^2/NDF : 1424.9/19

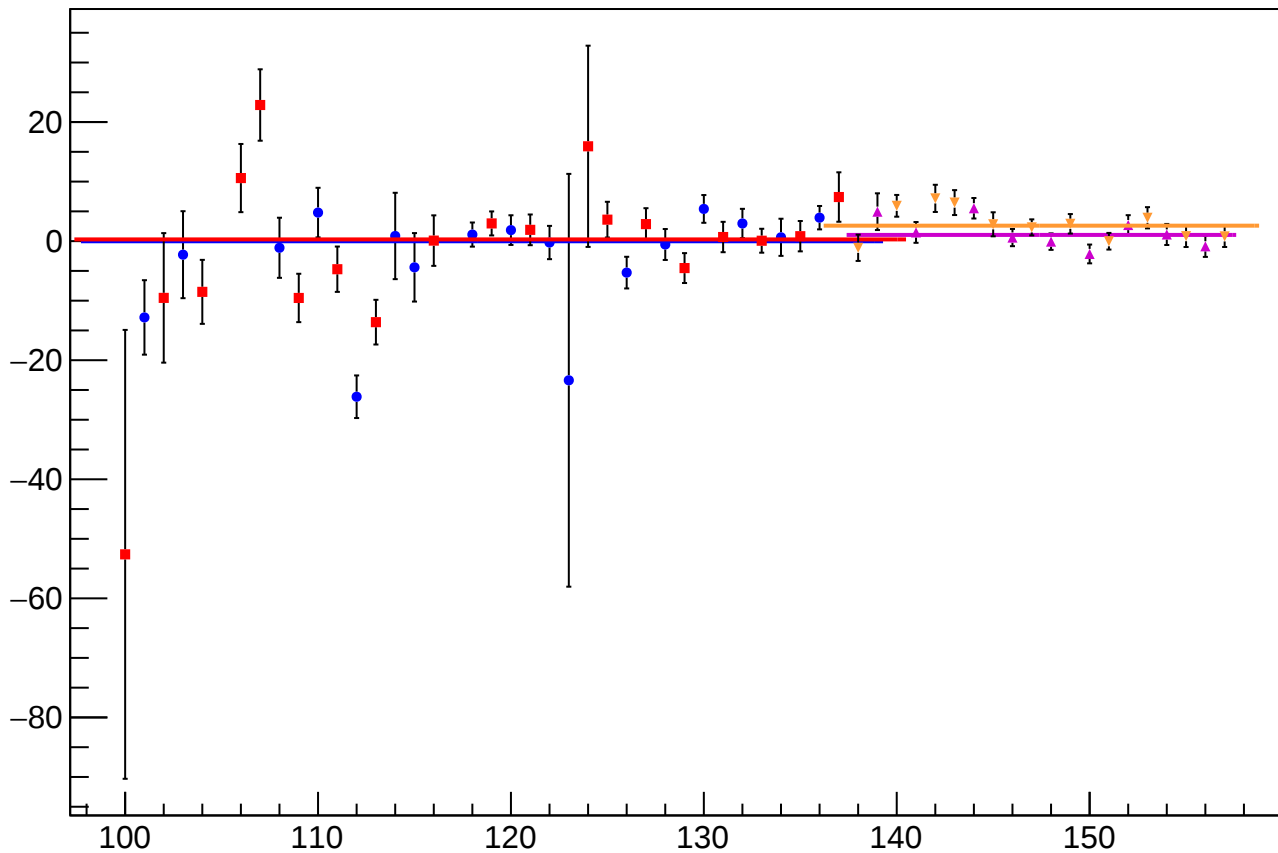
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 33.178+/-0.579 χ^2/NDF :1172.8/25

Out: 29.931+/-0.564 χ^2/NDF :2738.3/29

All: 31.511+/-0.404 χ^2/NDF : 3927.3/55

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: 2.598 ± 0.532 χ^2/NDF : 19.7/10

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.044 ± 0.561 χ^2/NDF : 15.5/8

Left: 1.863 ± 0.386 χ^2/NDF : 39.2/19

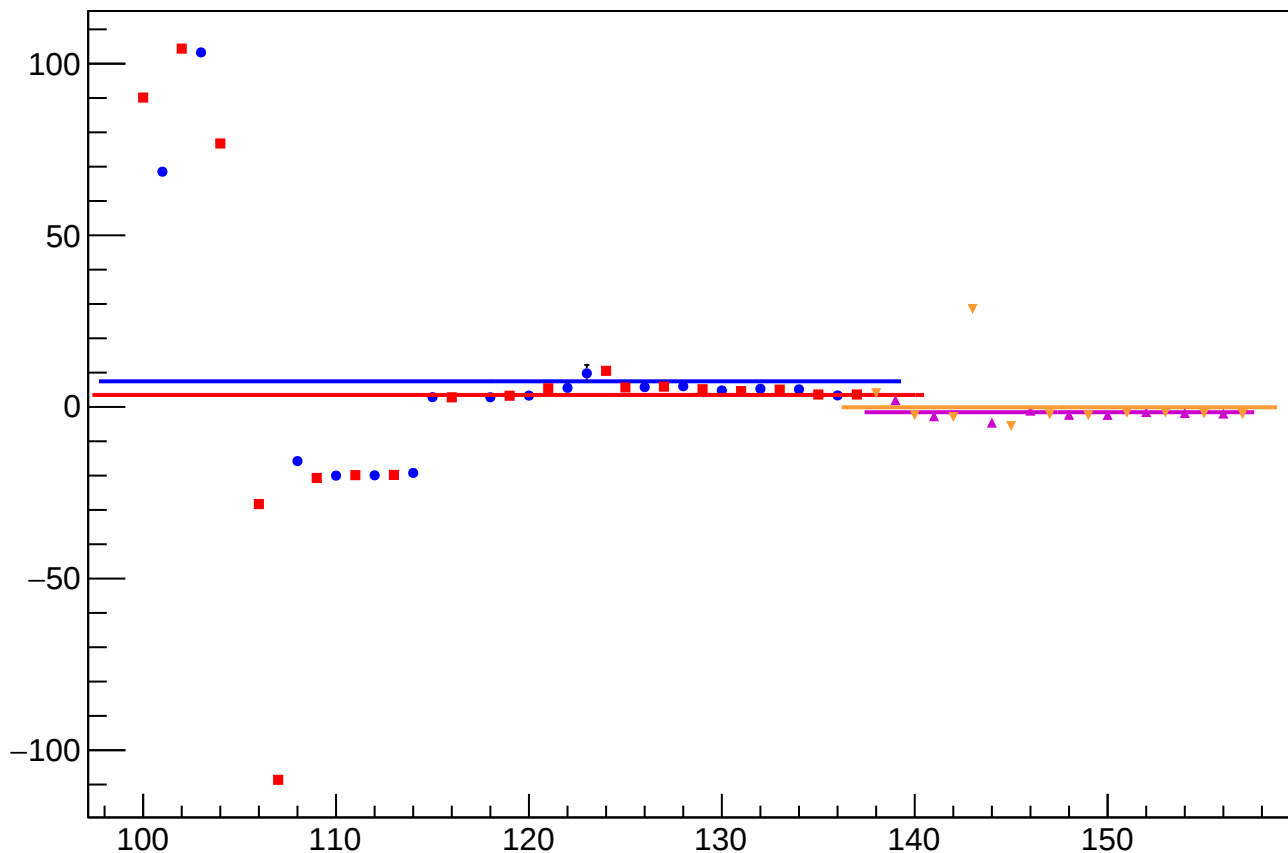
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.658 ± 0.448 χ^2/NDF : 92.6/25

Out: 1.825 ± 0.434 χ^2/NDF : 82.1/29

All: 1.261 ± 0.312 χ^2/NDF : 178.2/55

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: -0.098 $\pm$ 0.025 χ^2 /NDF: 81649.2/10

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: -1.532 $\pm$ 0.026 χ^2 /NDF: 4187.9/8

Left: -0.792 $\pm$ 0.018 χ^2 /NDF: 87429.6/19

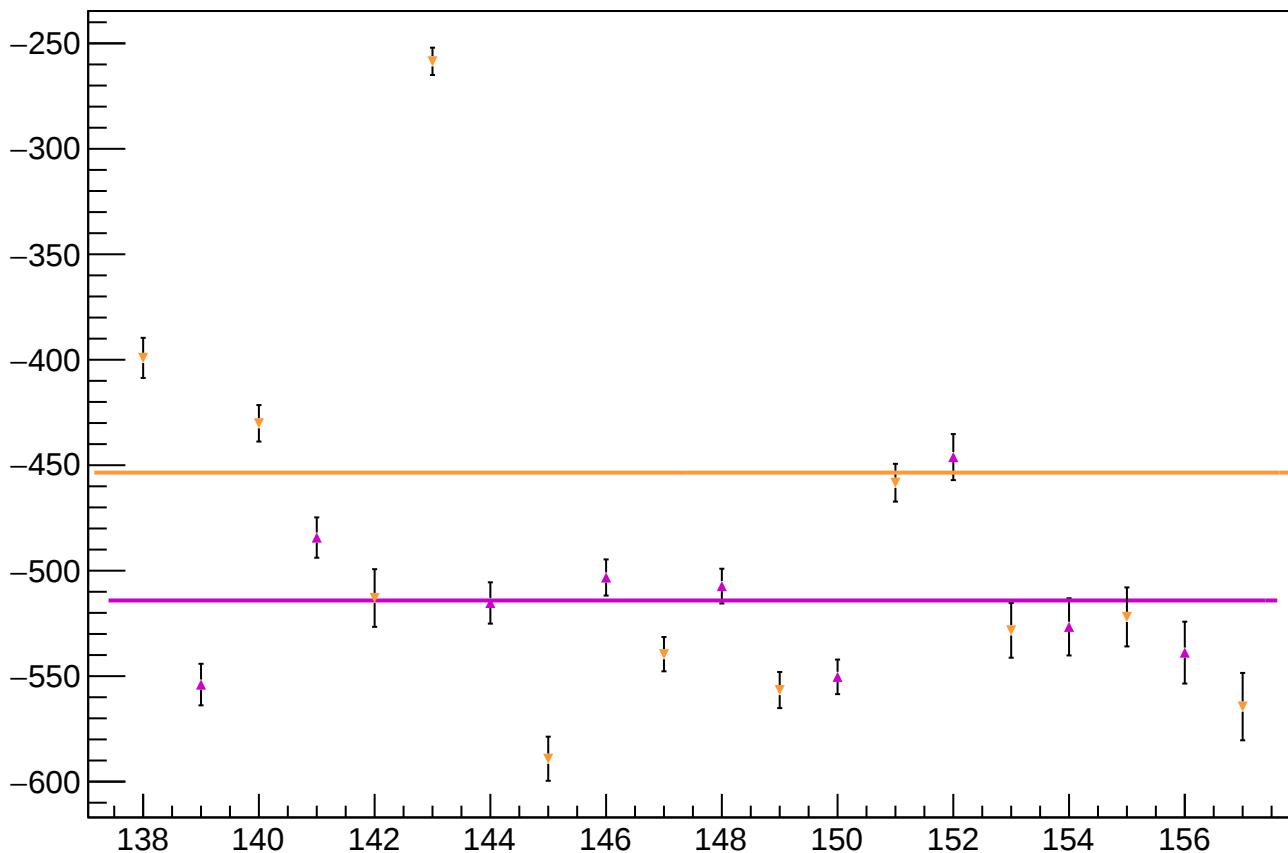
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 0.735 $\pm$ 0.022 χ^2 /NDF: 390711.1/25

Out: 0.734 $\pm$ 0.022 χ^2 /NDF: 597020.0/29

All: 0.735 $\pm$ 0.016 χ^2 /NDF: 987731.0/55

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: -453.505+/-2.898 χ^2/NDF :1496.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -514.125+/-3.272 χ^2/NDF :90.5/8

Left: -480.151+/-2.170 χ^2/NDF : 1779.5/19

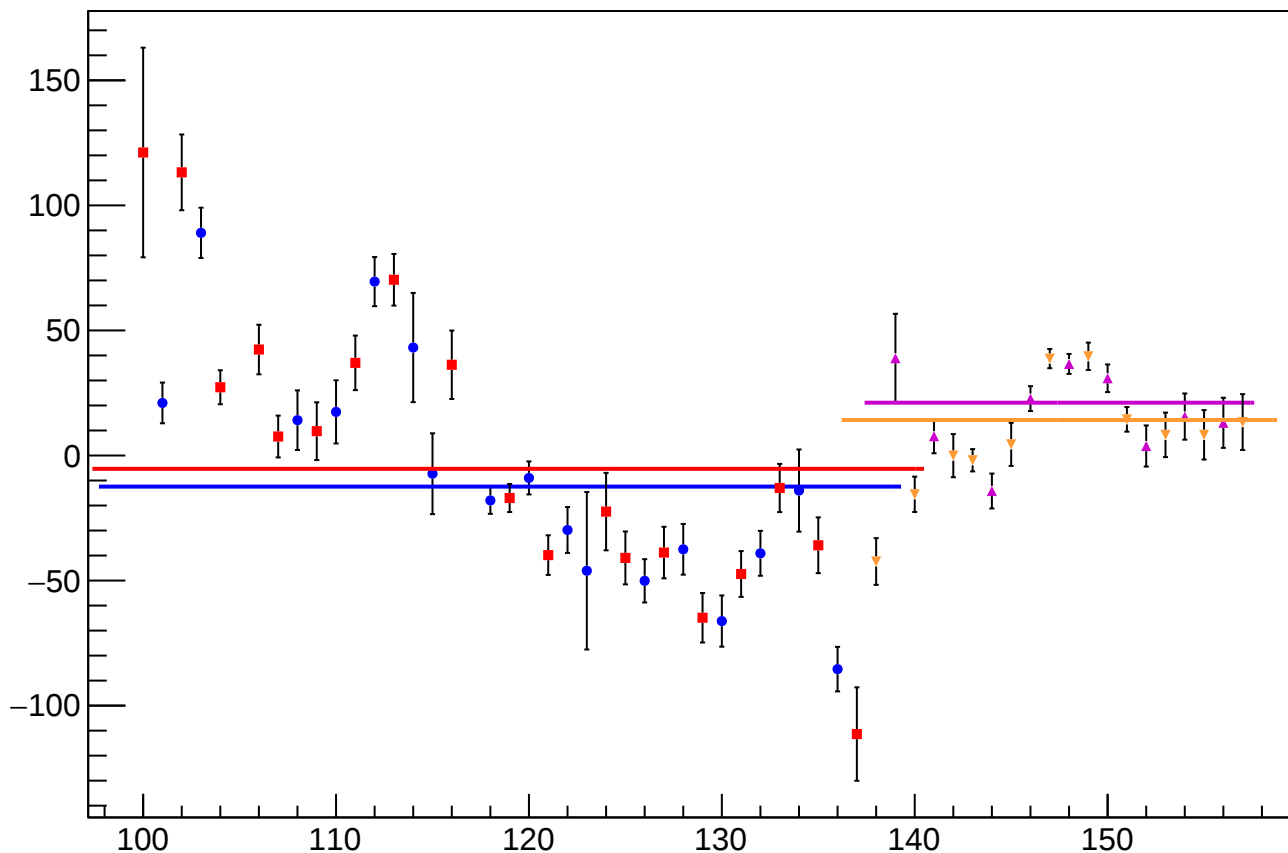
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -514.125+/-3.272 χ^2/NDF :90.5/8

Out: -453.505+/-2.898 χ^2/NDF :1496.7/10

All: -480.151+/-2.170 χ^2/NDF : 1779.5/19

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 14.202 ± 1.884 χ^2/NDF : 134.6/10

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 21.109 ± 2.143 χ^2/NDF : 54.3/8

Left: 17.213 ± 1.415 χ^2/NDF : 194.7/19

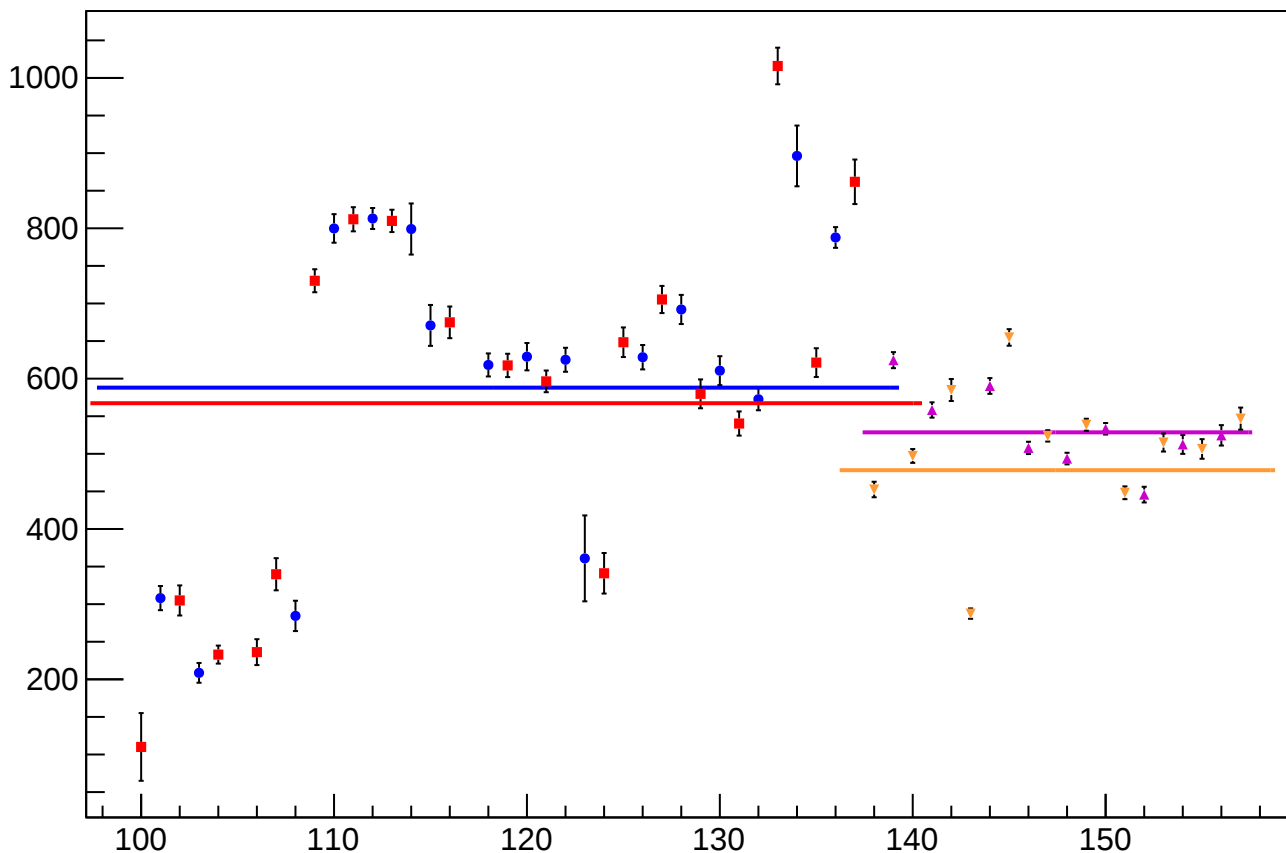
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 5.631 ± 1.573 χ^2/NDF : 507.5/25

Out: 6.196 ± 1.447 χ^2/NDF : 521.4/29

All: 5.937 ± 1.065 χ^2/NDF : 1029.0/55

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: 478.211 $\pm$ 2.895 χ^2 /NDF:1224.9/10

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 528.563 $\pm$ 3.208 χ^2 /NDF:216.1/8

Left: 500.812 $\pm$ 2.149 χ^2 /NDF: 1576.7/19

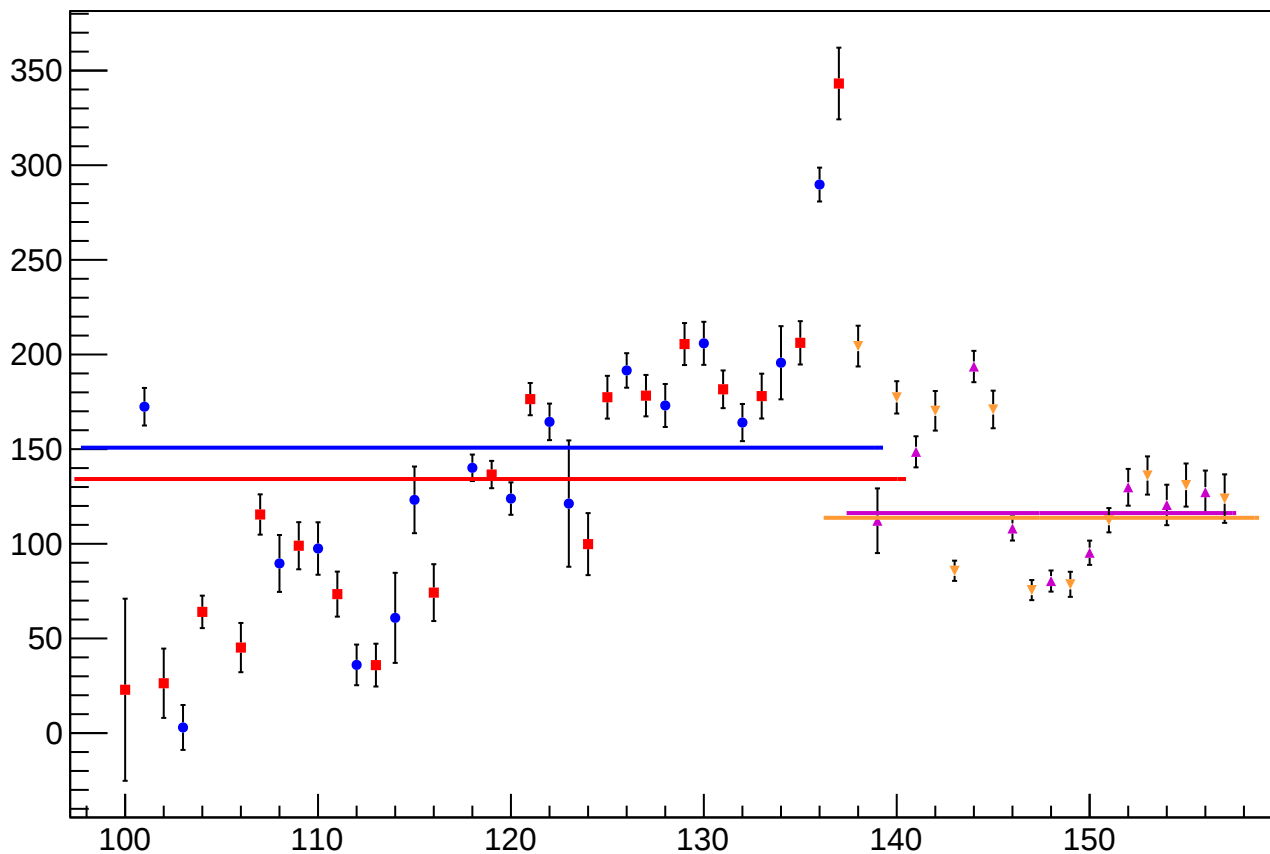
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 549.648 $\pm$ 2.578 χ^2 /NDF:2465.7/25

Out: 507.543 $\pm$ 2.371 χ^2 /NDF:4320.9/29

All: 526.844 $\pm$ 1.745 χ^2 /NDF: 6931.1/55

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: 113.731 $\pm$ 2.339 χ^2 /NDF:304.2/10

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 116.245 $\pm$ 2.663 χ^2 /NDF:159.9/8

Left: 114.826 $\pm$ 1.757 χ^2 /NDF: 464.5/19

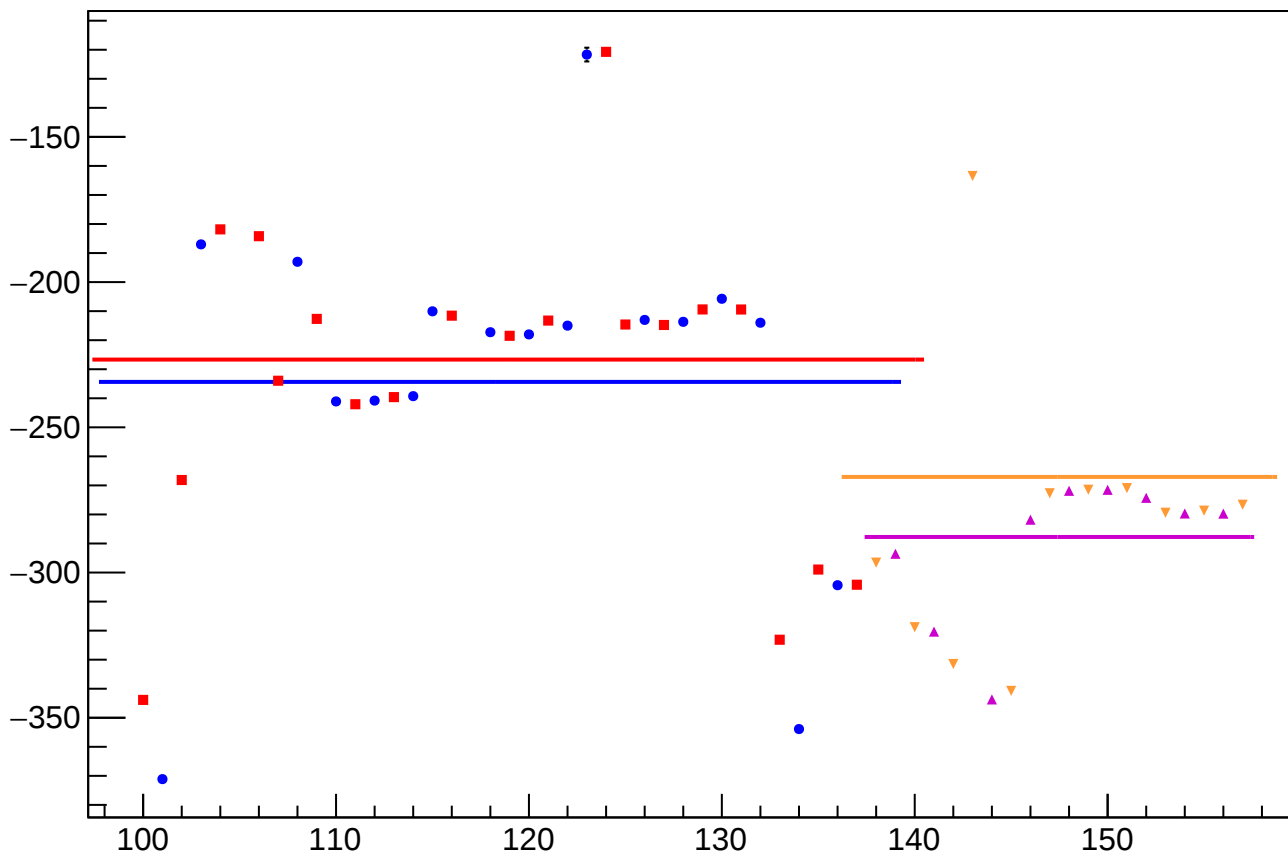
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 133.411 $\pm$ 1.889 χ^2 /NDF:876.6/25

Out: 122.833 $\pm$ 1.743 χ^2 /NDF:919.9/29

All: 127.698 $\pm$ 1.281 χ^2 /NDF: 1813.4/55

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -267.080+/-0.119 χ^2/NDF : 203520.3/10

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -287.754+/-0.130 χ^2/NDF : 28143.8/8

Left: -276.477+/-0.088 χ^2/NDF : 245439.8/19

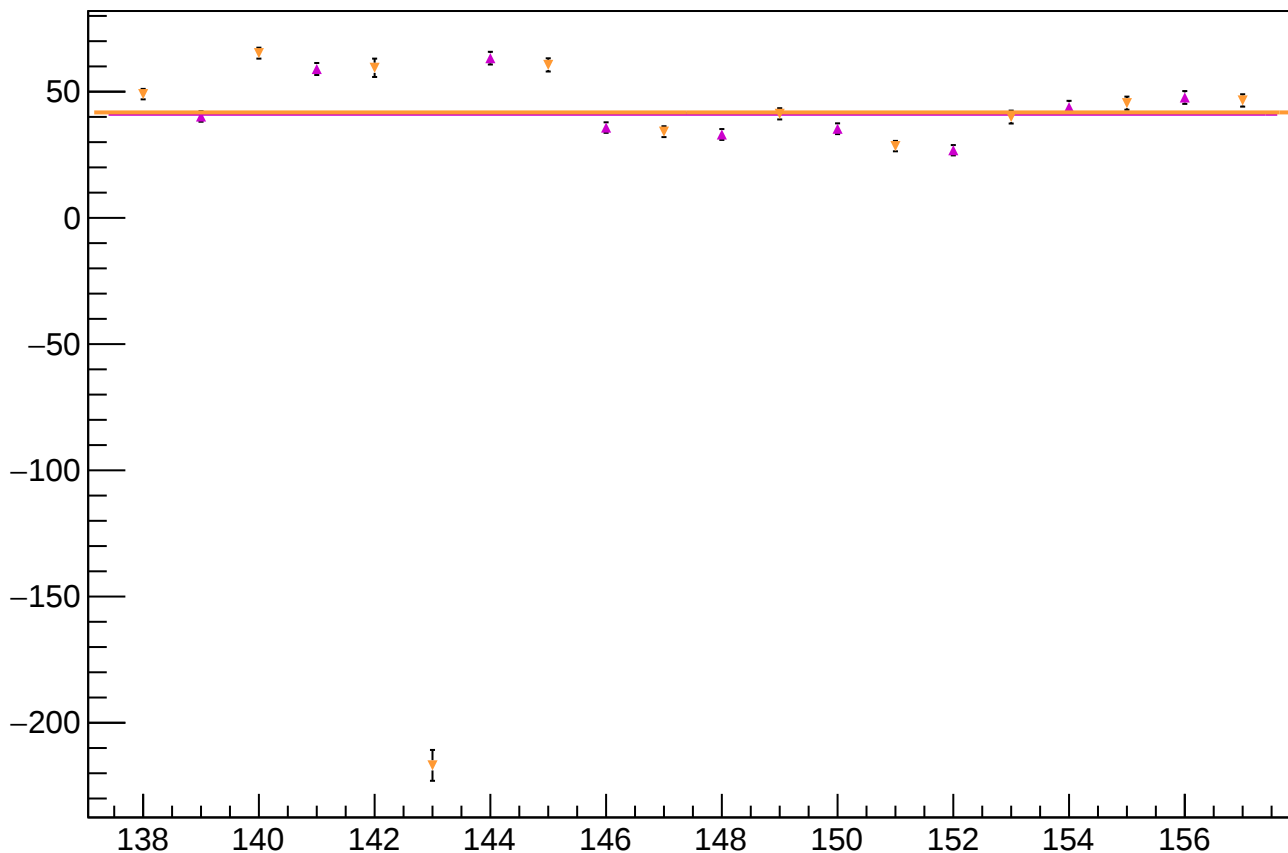
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -264.566+/-0.098 χ^2/NDF : 246459.8/25

Out: -250.349+/-0.091 χ^2/NDF : 350951.4/29

All: -256.935+/-0.067 χ^2/NDF : 608744.1/55

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 41.780+/-0.742 χ^2 /NDF:2056.6/10

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 41.243+/-0.748 χ^2 /NDF:219.1/8

Left: 41.514+/-0.527 χ^2 /NDF: 2275.9/19

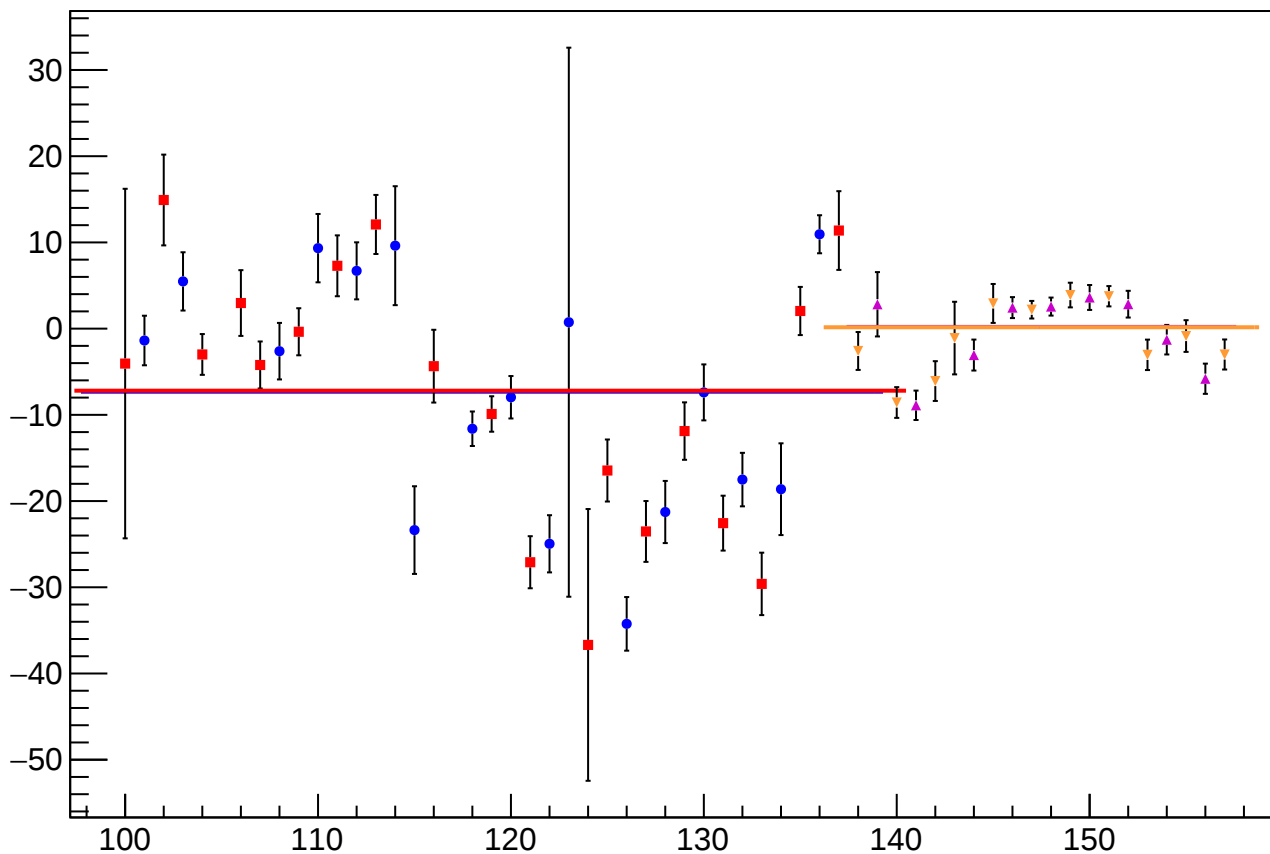
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 41.243+/-0.748 χ^2 /NDF:219.1/8

Out: 41.780+/-0.742 χ^2 /NDF:2056.6/10

All: 41.514+/-0.527 χ^2 /NDF: 2275.9/19

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: 0.159 ± 0.495 χ^2/NDF : 61.5/10

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.198 ± 0.508 χ^2/NDF : 61.7/8

Left: 0.178 ± 0.354 χ^2/NDF : 123.2/19

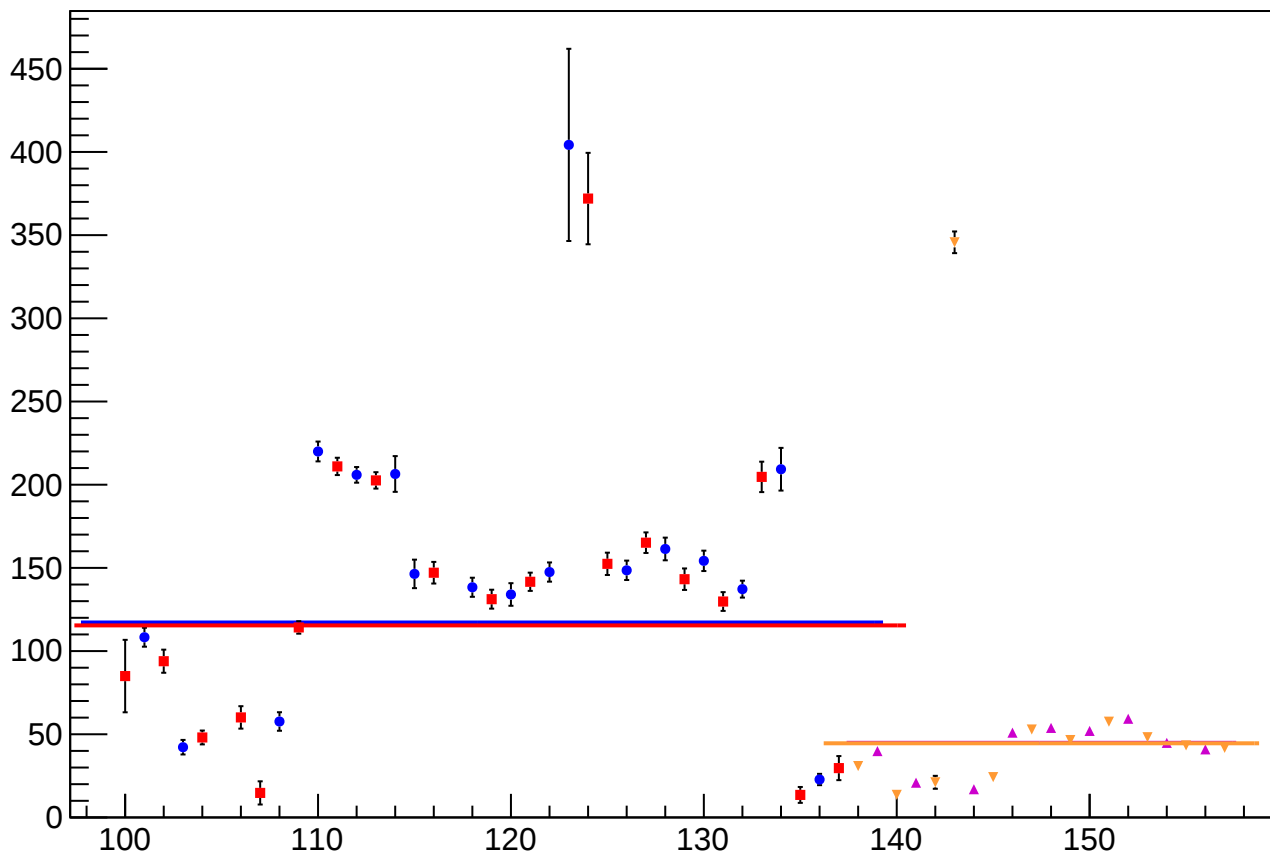
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.037 ± 0.426 χ^2/NDF : 405.9/25

Out: -2.028 ± 0.415 χ^2/NDF : 379.2/29

All: -2.032 ± 0.297 χ^2/NDF : 785.1/55

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: 44.575+/-0.727 χ^2/NDF :2508.8/10

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.858+/-0.732 χ^2/NDF :301.4/8

Left: 44.716+/-0.516 χ^2/NDF : 2810.3/19

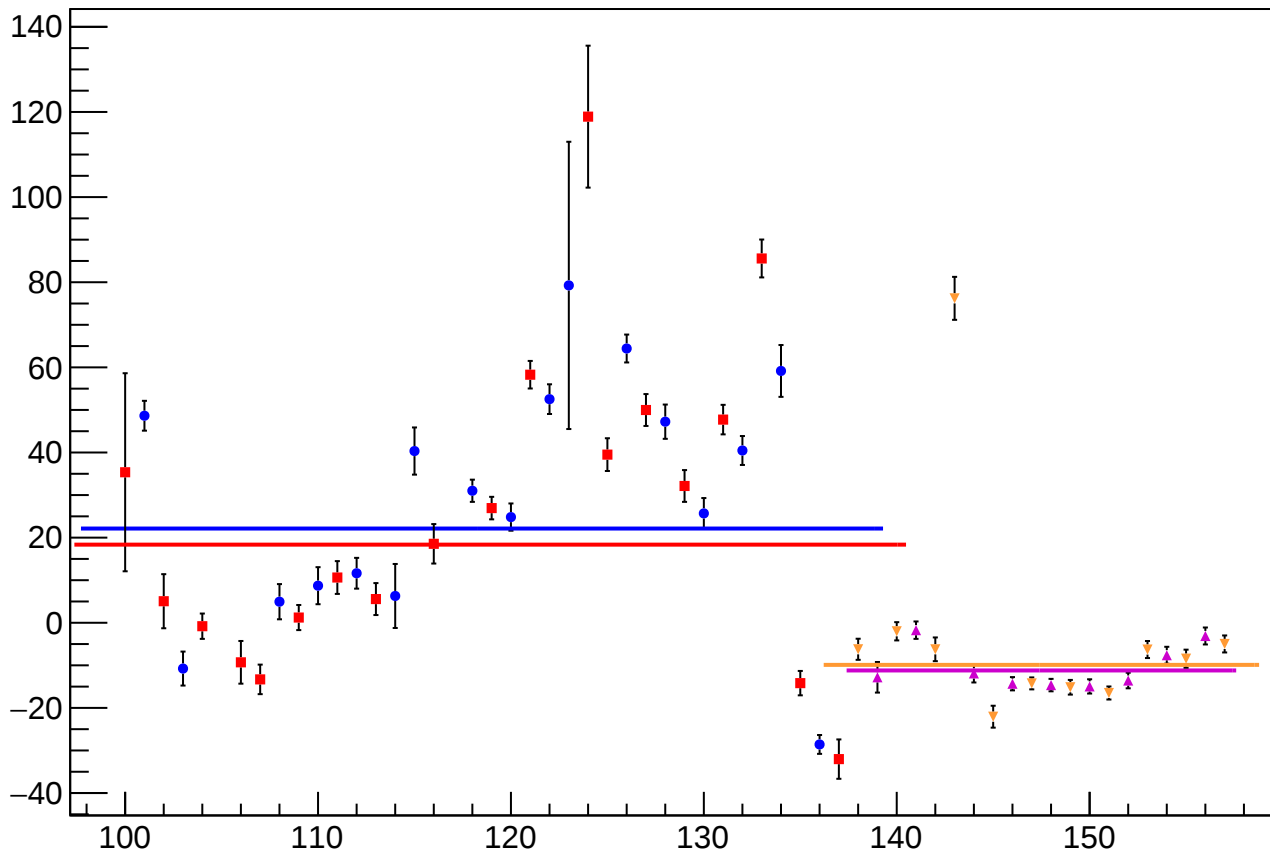
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 60.178+/-0.650 χ^2/NDF :4530.4/25

Out: 60.324+/-0.641 χ^2/NDF :6769.9/29

All: 60.252+/-0.456 χ^2/NDF : 11300.3/55

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: -9.892 $\pm$ 0.609 χ^2 /NDF:378.1/10

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -11.203 $\pm$ 0.623 χ^2 /NDF:57.7/8

Left: -10.534 $\pm$ 0.436 χ^2 /NDF: 438.1/19

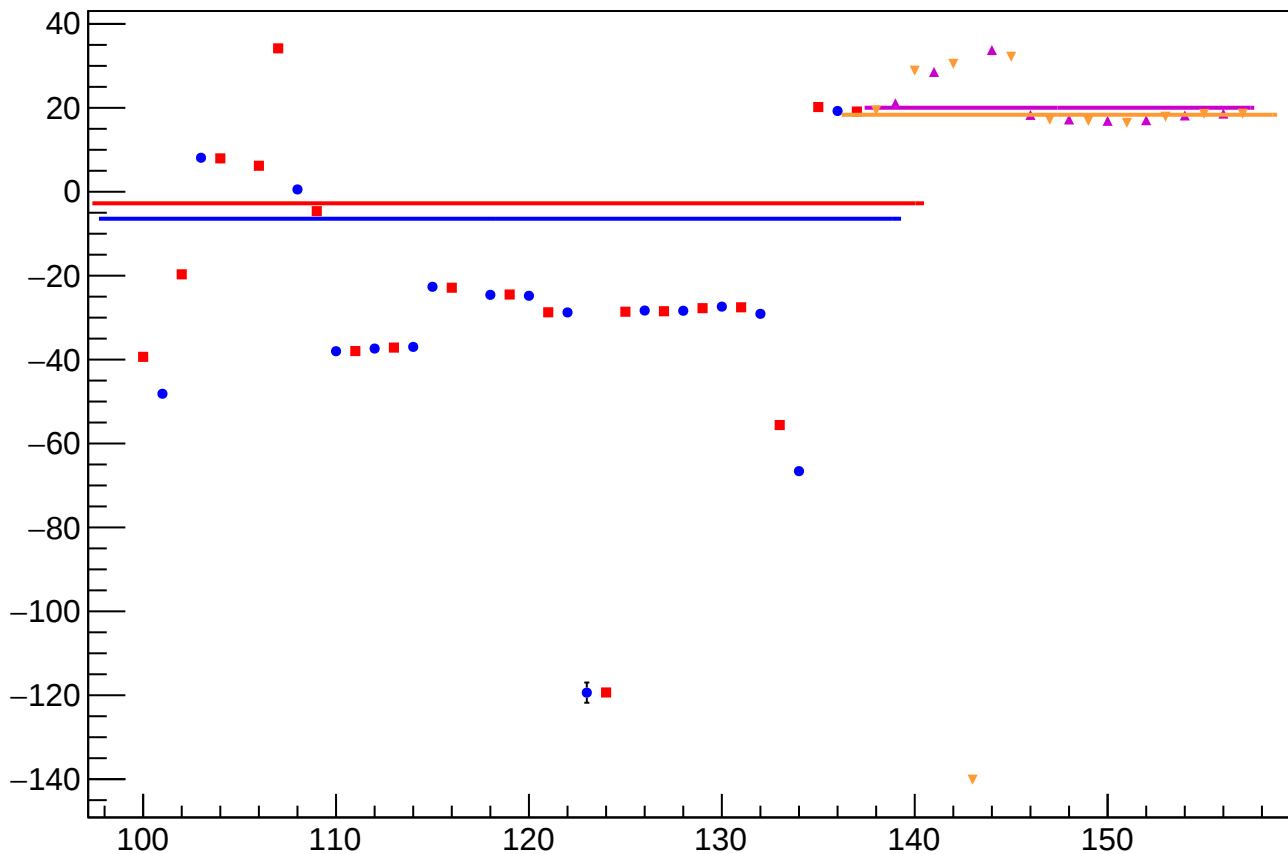
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: -0.267 $\pm$ 0.510 χ^2 /NDF:2062.4/25

Out: -0.614 $\pm$ 0.499 χ^2 /NDF:2154.6/29

All: -0.444 $\pm$ 0.357 χ^2 /NDF: 4217.2/55

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 18.349+/-0.029 χ^2/NDF :399623.5/10

Right Out: -2.752+/-0.046 χ^2/NDF : 266290.0/18

Left In: 20.023+/-0.029 χ^2/NDF :25853.5/8

Left: 19.185+/-0.020 χ^2/NDF : 427157.2/19

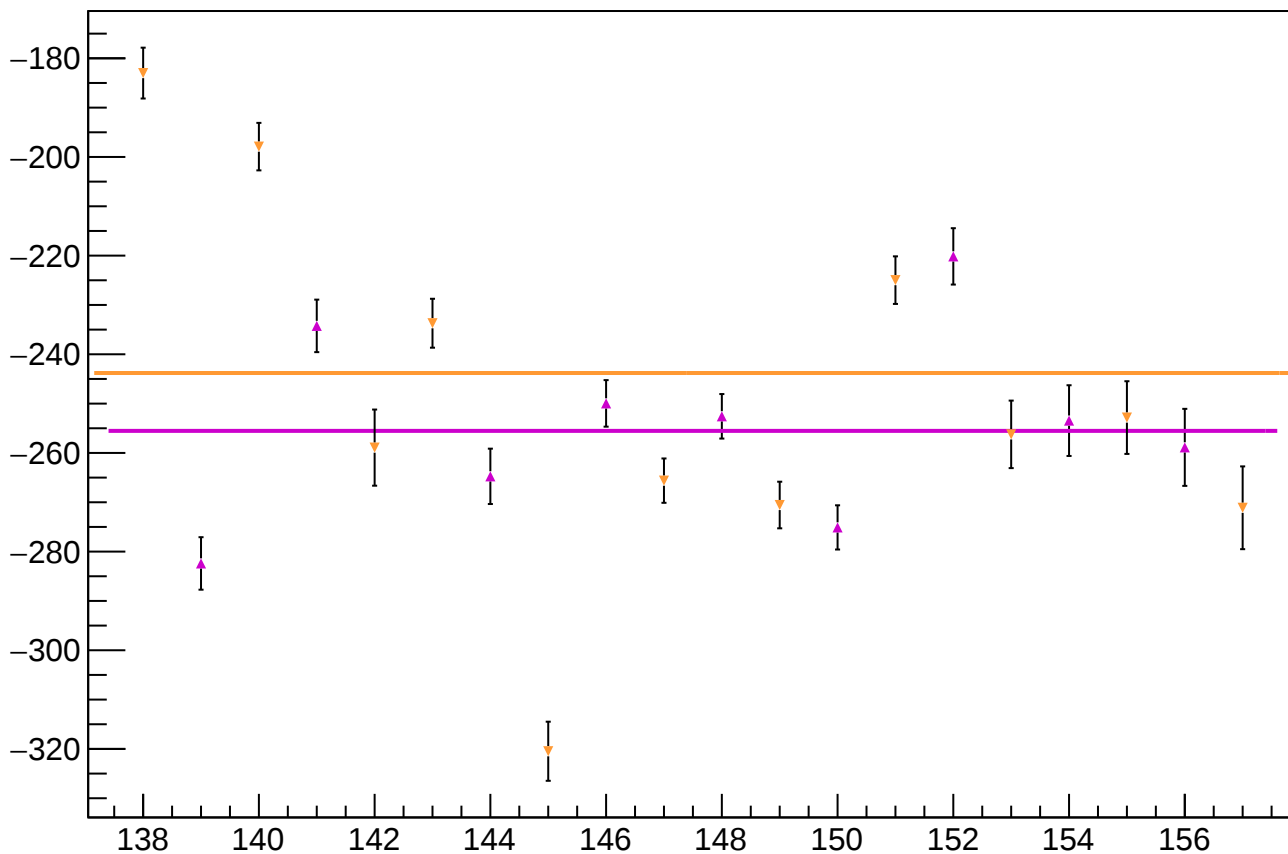
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 12.589+/-0.025 χ^2/NDF :526555.0/25

Out: 12.331+/-0.024 χ^2/NDF :818443.7/29

All: 12.459+/-0.017 χ^2/NDF : 1345054.4/55

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -243.796+/-1.673 χ^2/NDF :488.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.529+/-1.788 χ^2/NDF :103.7/8

Left: -249.271+/-1.222 χ^2/NDF : 614.8/19

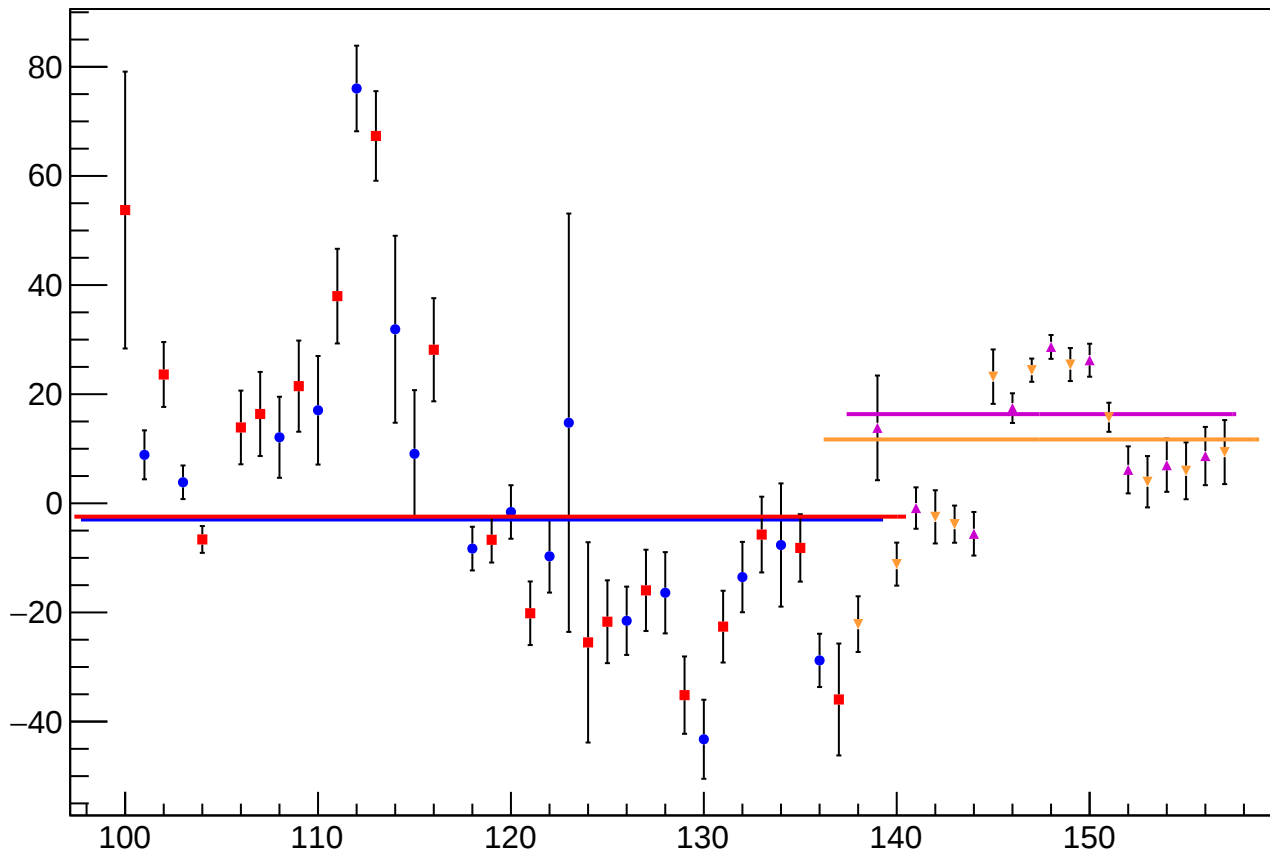
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.529+/-1.788 χ^2/NDF :103.7/8

Out: -243.796+/-1.673 χ^2/NDF :488.1/10

All: -249.271+/-1.222 χ^2/NDF : 614.8/19

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: 11.703 ± 1.083 χ^2/NDF : 174.7/10

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 16.343 ± 1.172 χ^2/NDF : 104.7/8

Left: 13.840 ± 0.795 χ^2/NDF : 287.9/19

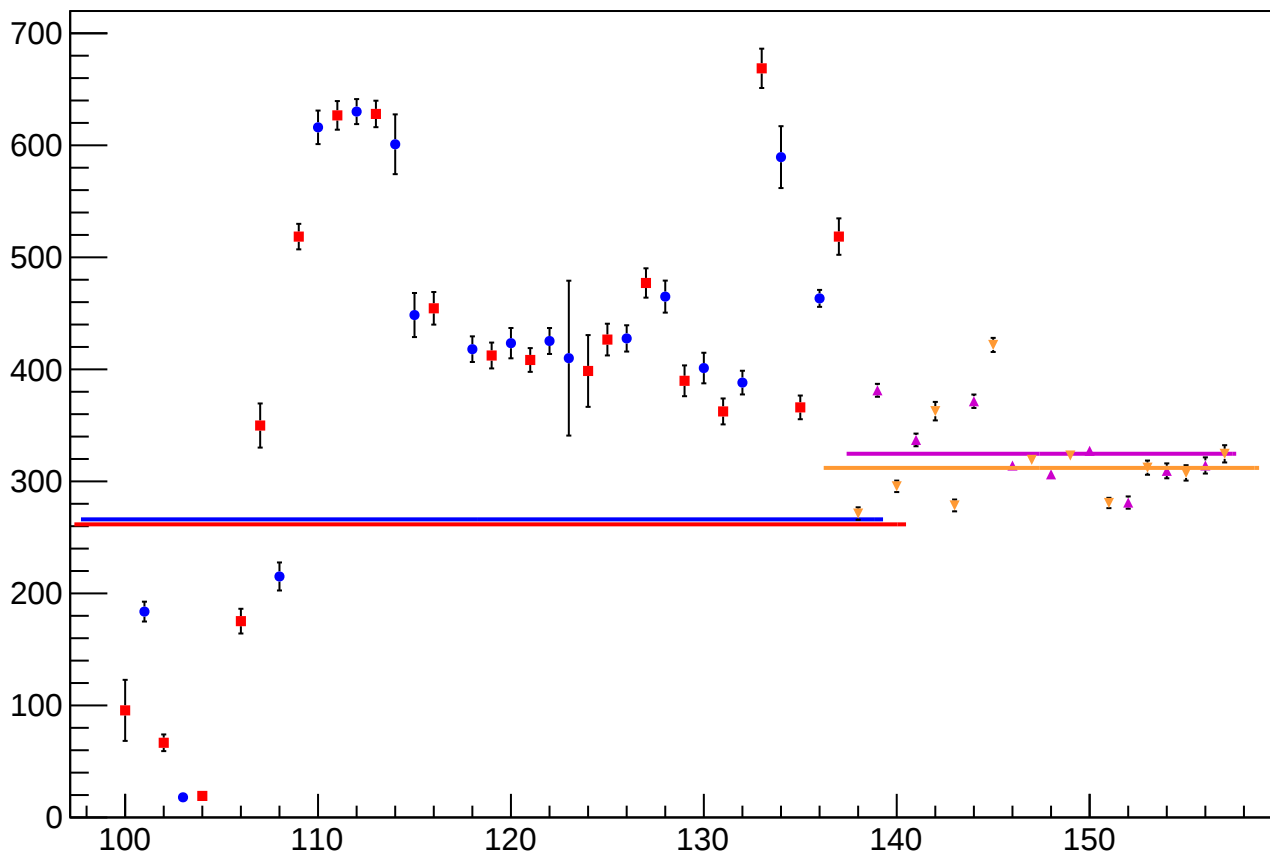
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 8.729 ± 0.912 χ^2/NDF : 415.3/25

Out: 6.391 ± 0.856 χ^2/NDF : 454.2/29

All: 7.485 ± 0.624 χ^2/NDF : 873.0/55

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: 312.026 $\pm$ 1.658 χ^2 /NDF:504.2/10

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 324.663 $\pm$ 1.751 χ^2 /NDF:257.8/8

Left: 318.000 $\pm$ 1.204 χ^2 /NDF: 789.5/19

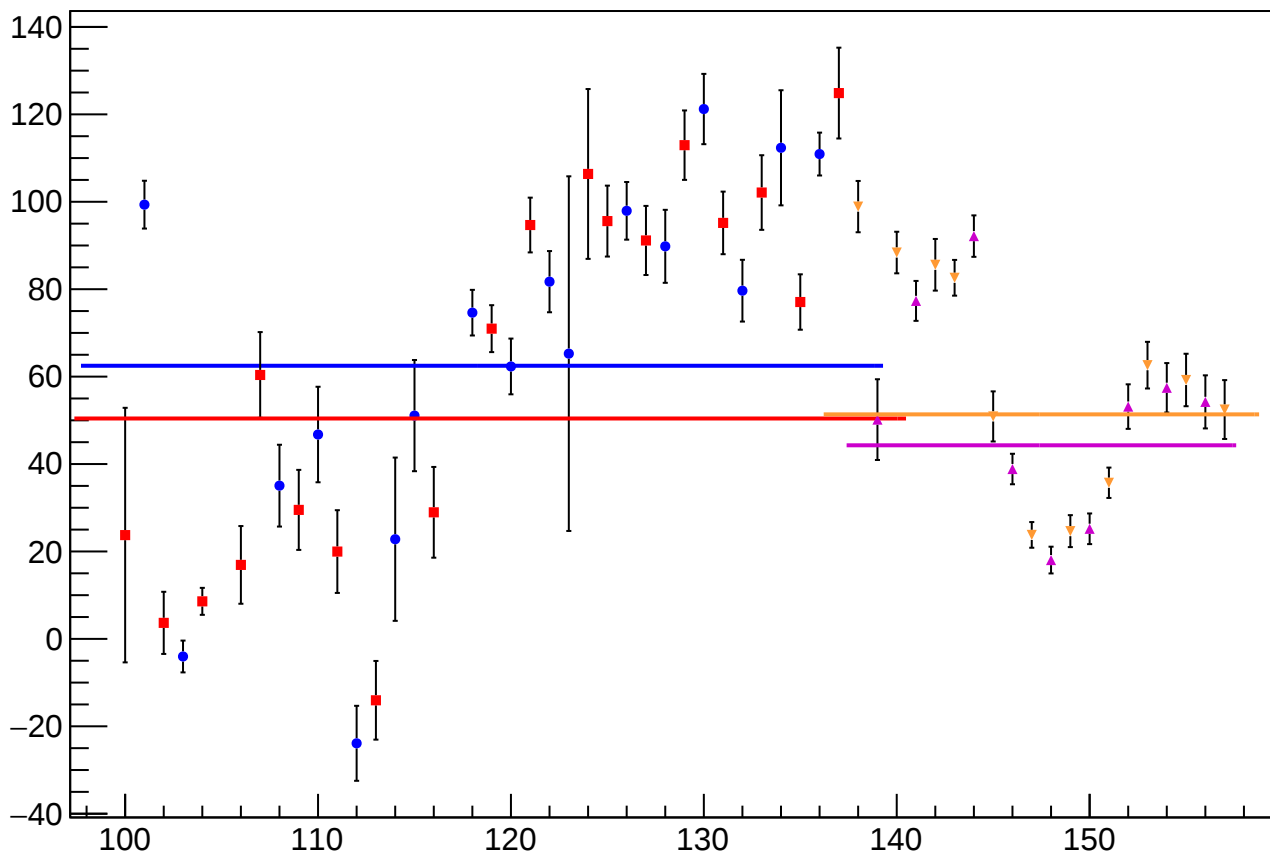
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 305.190 $\pm$ 1.430 χ^2 /NDF:8273.8/25

Out: 296.261 $\pm$ 1.374 χ^2 /NDF:9002.7/29

All: 300.547 $\pm$ 0.991 χ^2 /NDF: 17296.8/55

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: 51.366 $\pm$ 1.348 χ^2 /NDF:386.2/10

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 44.289 $\pm$ 1.456 χ^2 /NDF:271.5/8

Left: 48.102 $\pm$ 0.989 χ^2 /NDF: 670.4/19

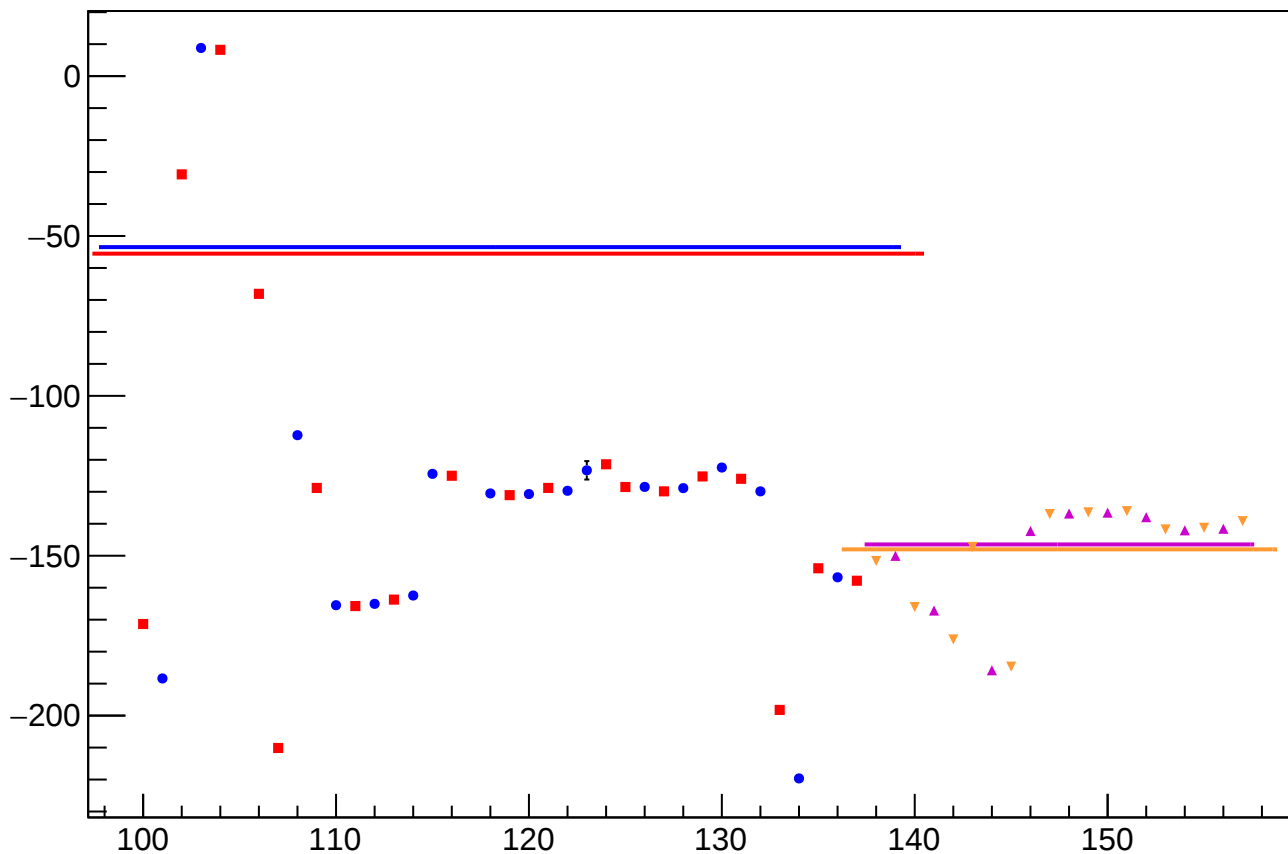
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 52.091 $\pm$ 1.101 χ^2 /NDF:1059.2/25

Out: 50.985 $\pm$ 1.042 χ^2 /NDF:1037.8/29

All: 51.508 $\pm$ 0.757 χ^2 /NDF: 2097.5/55

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -148.009 $\pm$ 0.068 χ^2 /NDF: 48769.3/10

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -146.464 $\pm$ 0.071 χ^2 /NDF: 39554.8/8

Left: -147.269 $\pm$ 0.049 χ^2 /NDF: 88572.2/19

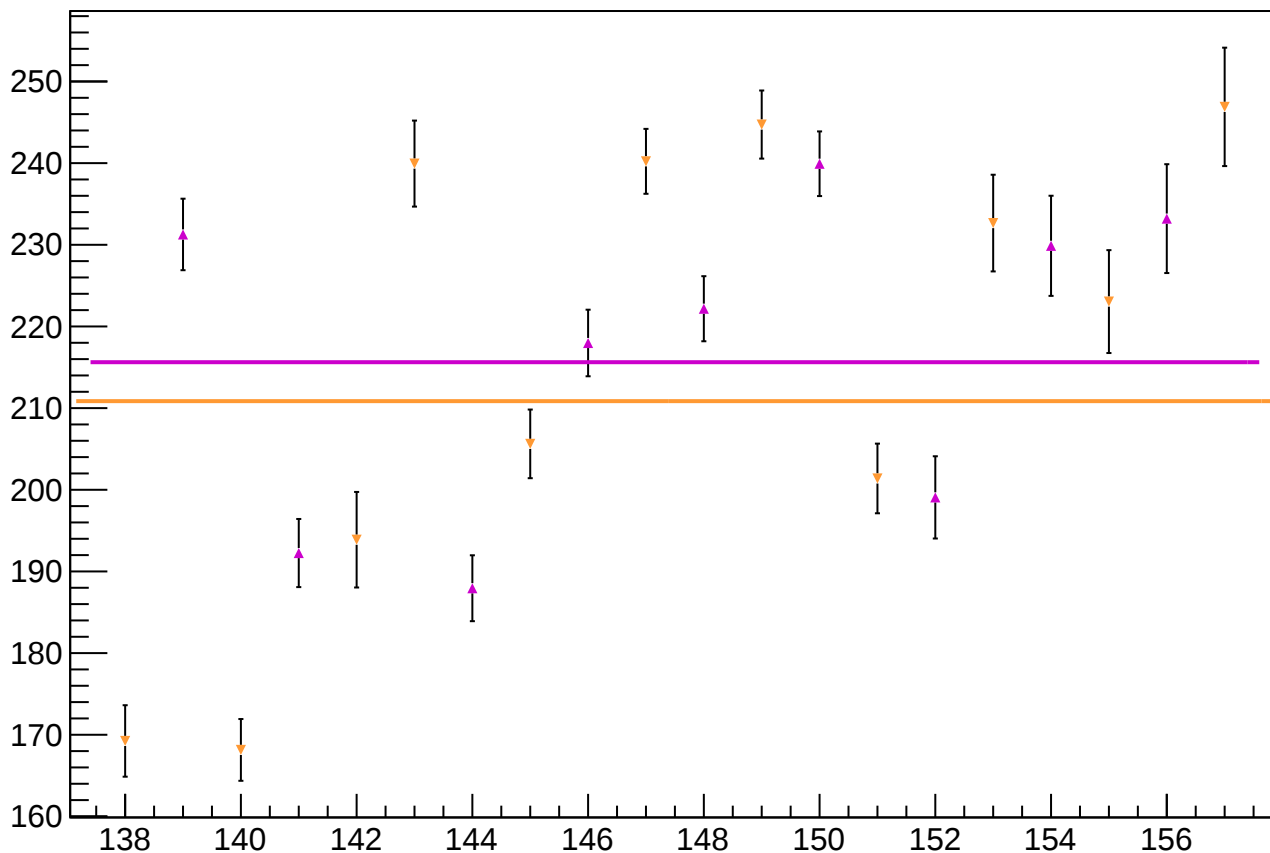
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -99.654 $\pm$ 0.050 χ^2 /NDF: 2136785.6/25

Out: -104.405 $\pm$ 0.049 χ^2 /NDF: 1893279.5/29

All: -102.055 $\pm$ 0.035 χ^2 /NDF: 4034646.4/55

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: 210.855+/-1.425 χ^2/NDF :425.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 215.623+/-1.496 χ^2/NDF :155.1/8

Left: 213.122+/-1.032 χ^2/NDF : 586.4/19

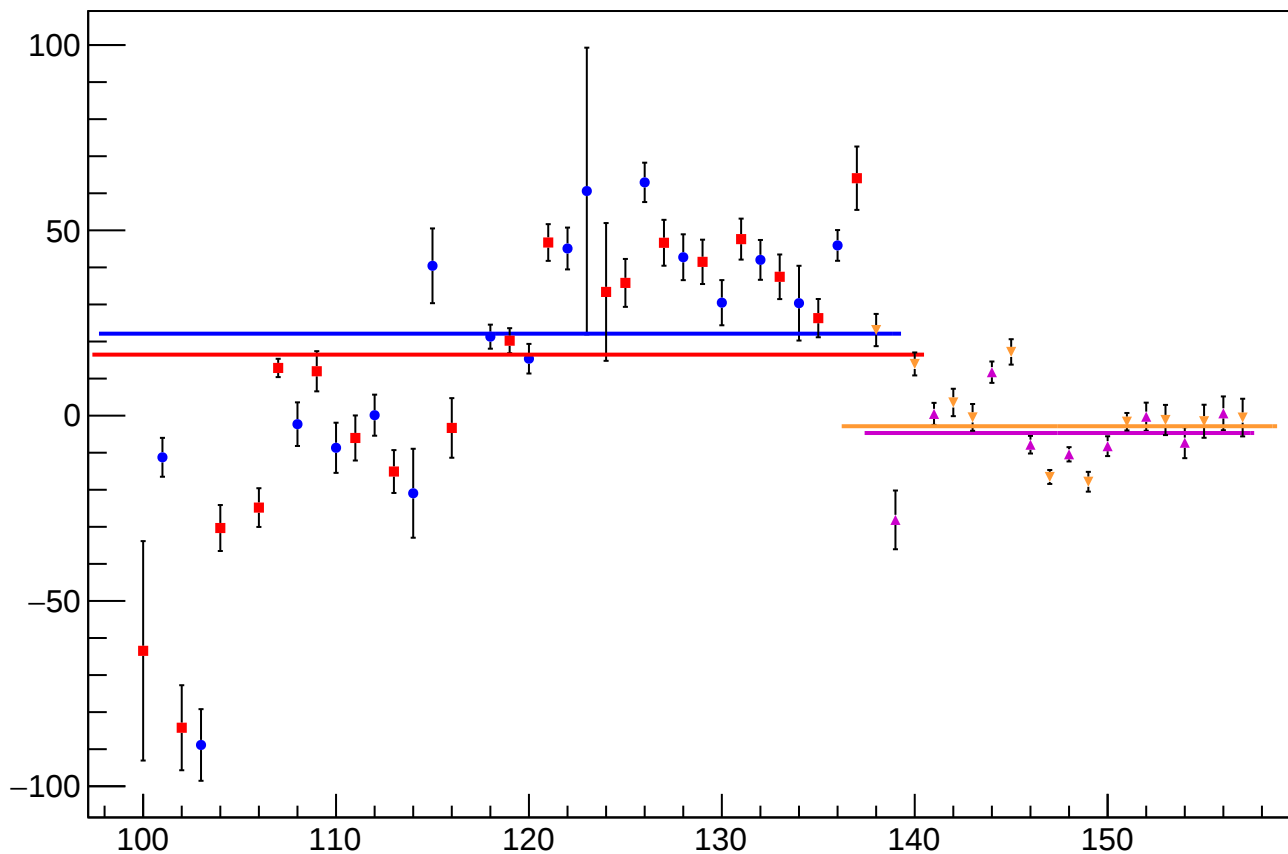
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.623+/-1.496 χ^2/NDF :155.1/8

Out: 210.855+/-1.425 χ^2/NDF :425.9/10

All: 213.122+/-1.032 χ^2/NDF : 586.4/19

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: -2.855 ± 0.935 $\chi^2/\text{NDF}: 187.7/10$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -4.685 ± 0.995 $\chi^2/\text{NDF}: 59.7/8$

Left: -3.713 ± 0.682 $\chi^2/\text{NDF}: 249.1/19$

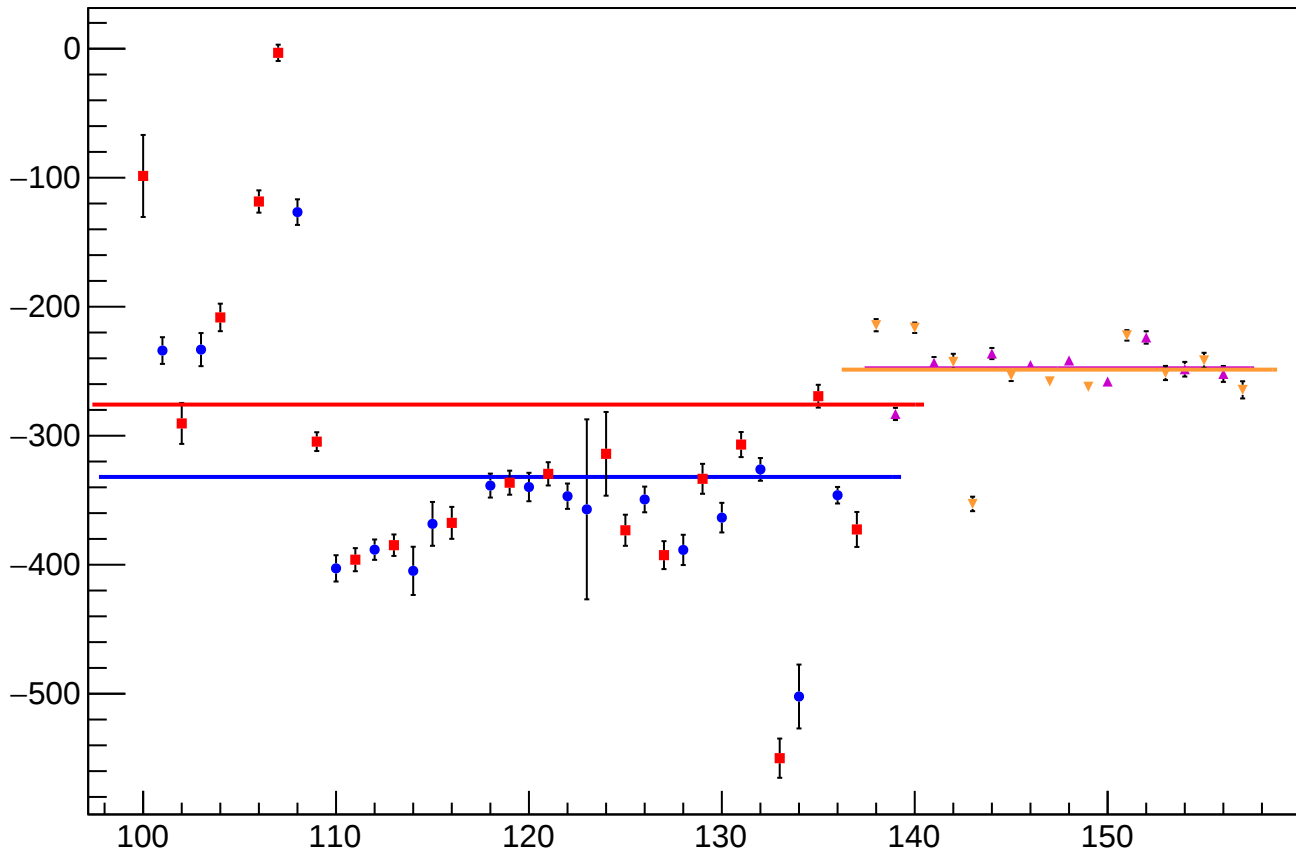
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 4.518 ± 0.807 $\chi^2/\text{NDF}: 690.6/25$

Out: 4.238 ± 0.744 $\chi^2/\text{NDF}: 768.4/29$

All: 4.367 ± 0.547 $\chi^2/\text{NDF}: 1459.2/55$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.766 ± 1.418 χ^2/NDF : 530.8/10

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -247.741 ± 1.475 χ^2/NDF : 99.6/8

Left: -248.274 ± 1.022 χ^2/NDF : 630.6/19

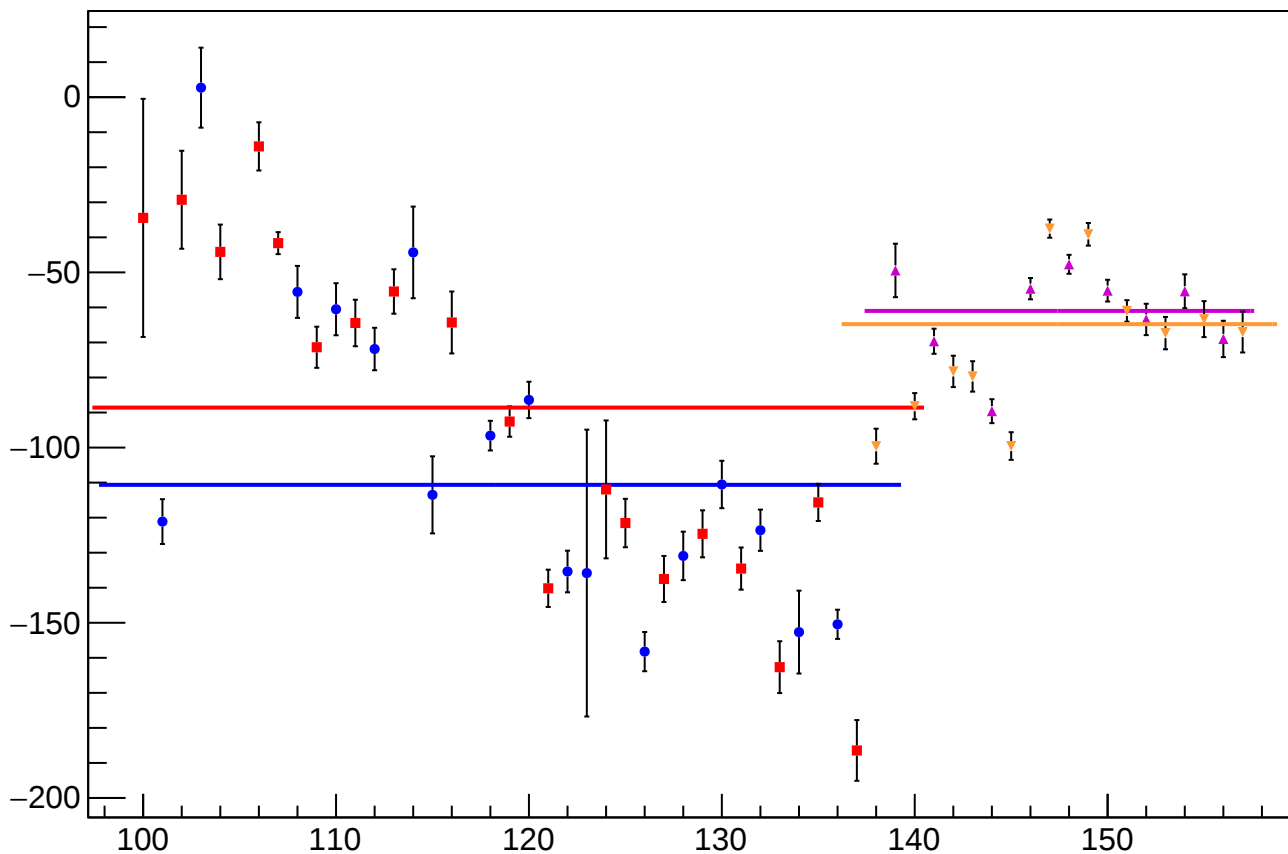
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -268.641 ± 1.279 χ^2/NDF : 1694.1/25

Out: -256.119 ± 1.210 χ^2/NDF : 3991.5/29

All: -262.035 ± 0.879 χ^2/NDF : 5736.1/55

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: -64.775 ± 1.160 χ^2/NDF : 361.7/10

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -60.996 ± 1.231 χ^2/NDF : 114.4/8

Left: -62.998 ± 0.844 χ^2/NDF : 481.1/19

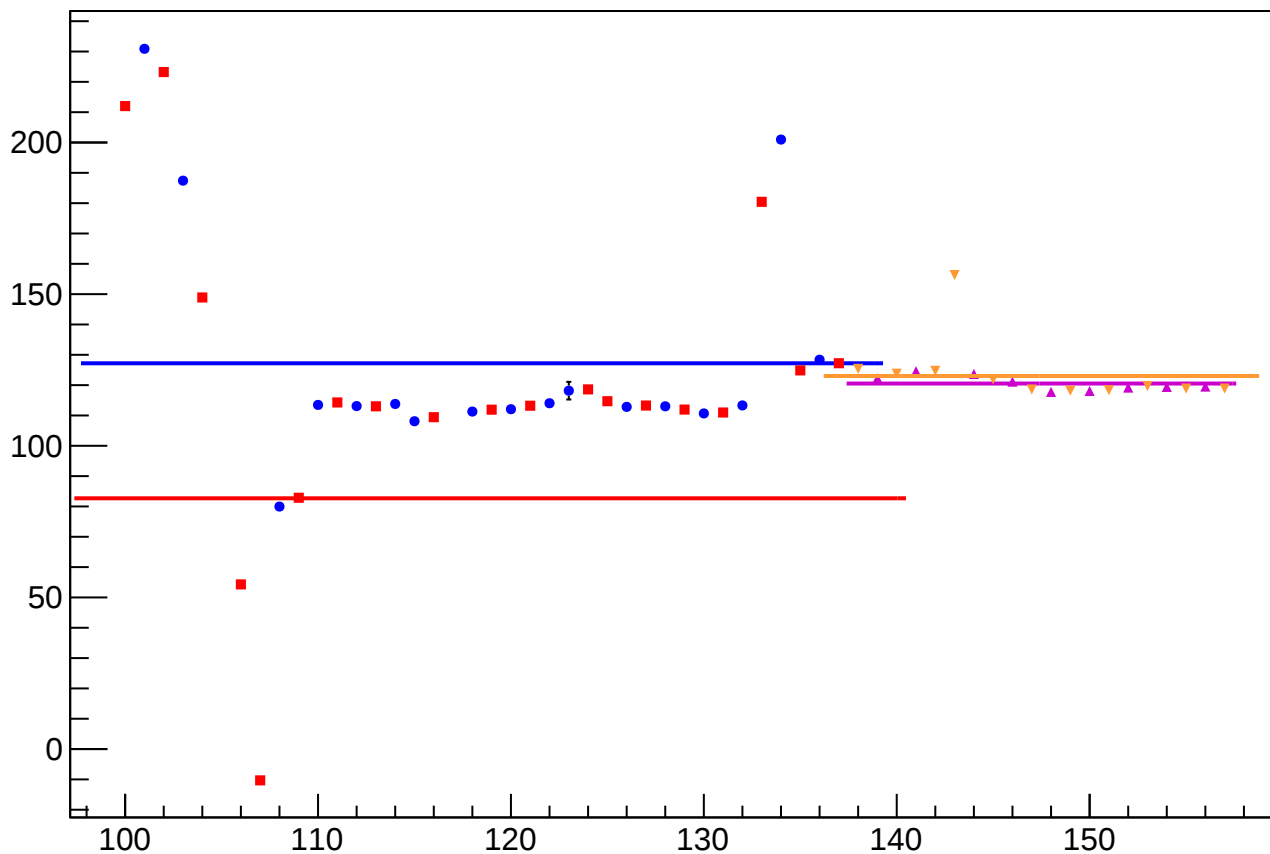
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -79.729 ± 0.971 χ^2/NDF : 1236.9/25

Out: -74.197 ± 0.901 χ^2/NDF : 1495.1/29

All: -76.757 ± 0.661 χ^2/NDF : 2749.4/55

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.016 $\pm$ 0.058 χ^2 /NDF: 25093.8/10

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.529 $\pm$ 0.060 χ^2 /NDF: 1559.3/8

Left: 121.809 $\pm$ 0.042 χ^2 /NDF: 27547.5/19

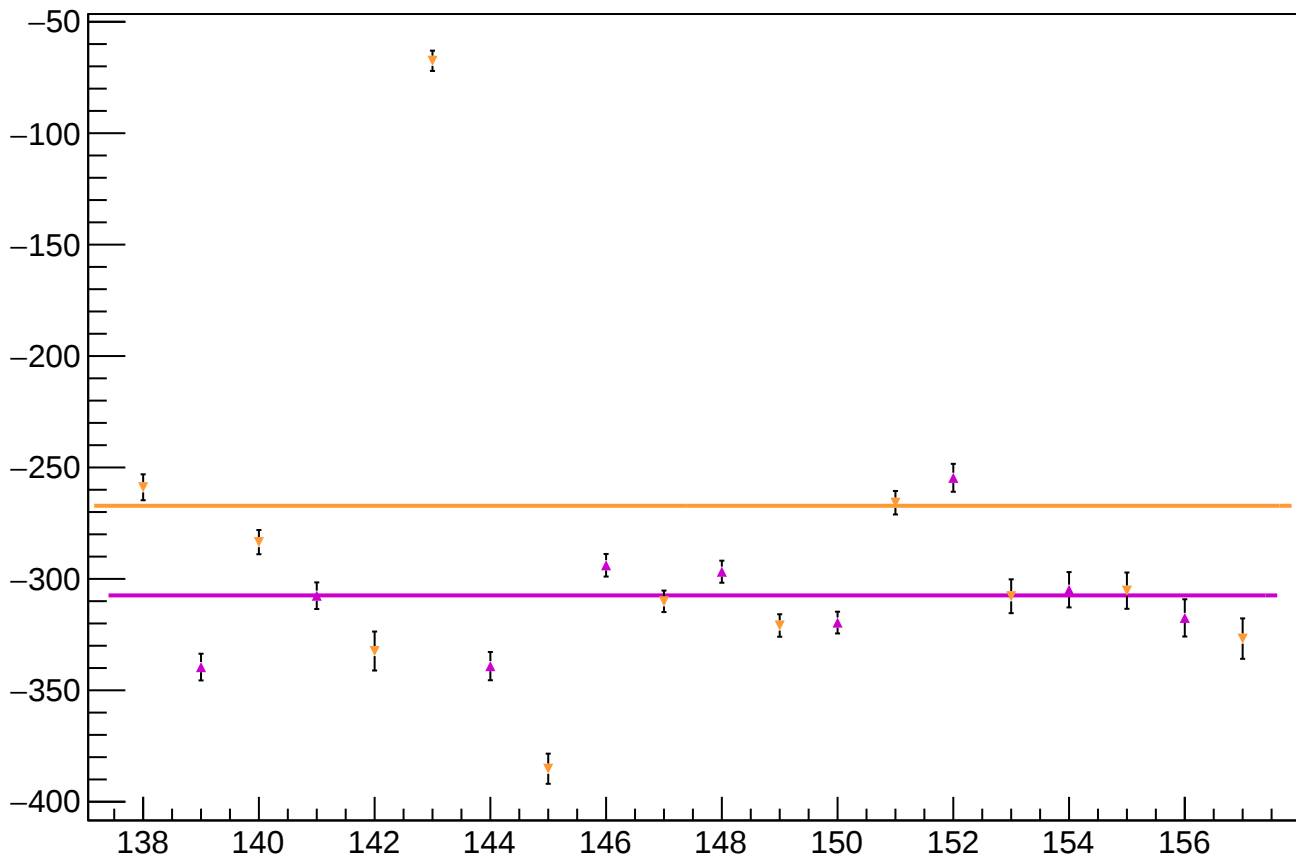
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 122.594 $\pm$ 0.050 χ^2 /NDF: 193459.7/25

Out: 108.010 $\pm$ 0.046 χ^2 /NDF: 970963.5/29

All: 114.746 $\pm$ 0.034 χ^2 /NDF: 1211004.7/55

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: -267.190 ± 1.798 χ^2/NDF : 2583.3/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -307.407 ± 1.968 χ^2/NDF : 144.4/8

Left: -285.486 ± 1.327 χ^2/NDF : 2955.4/19

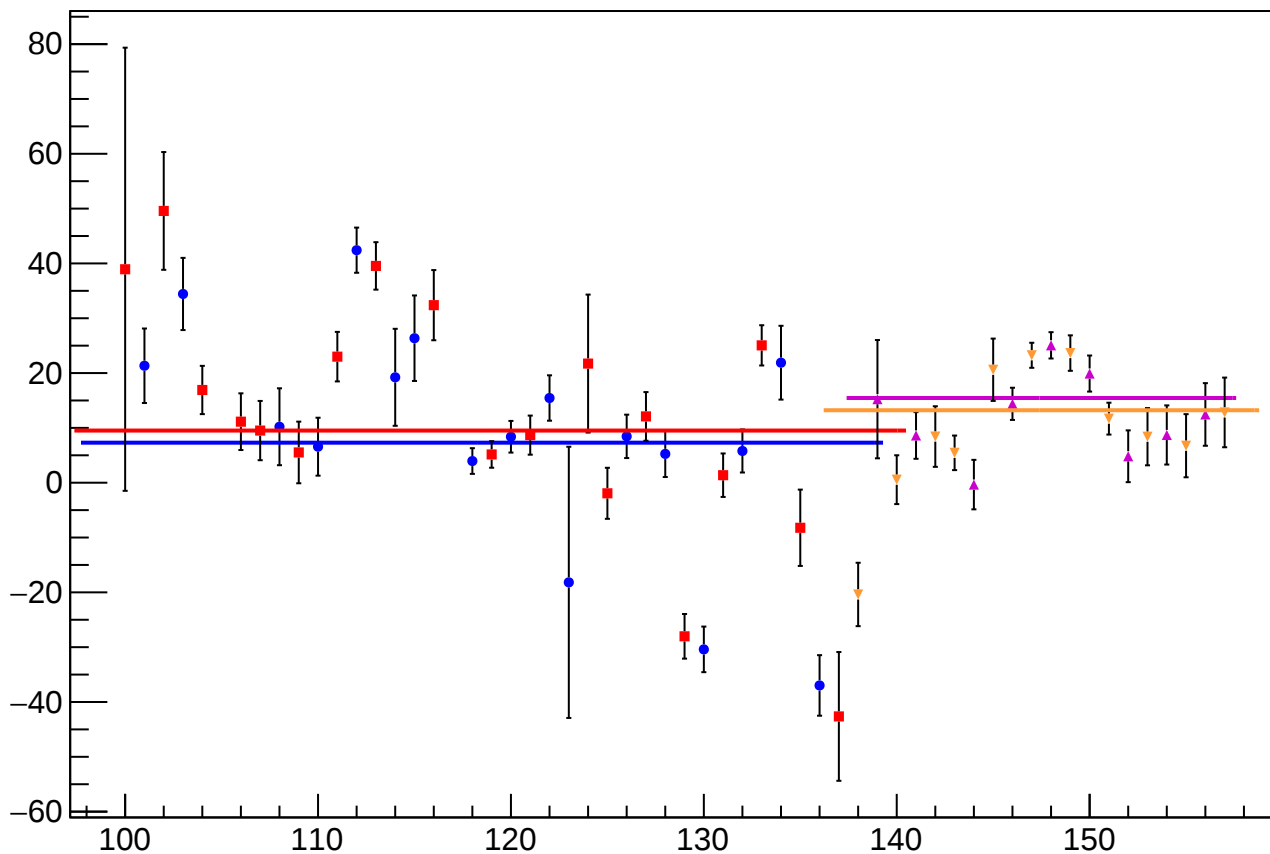
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -307.407 ± 1.968 χ^2/NDF : 144.4/8

Out: -267.190 ± 1.798 χ^2/NDF : 2583.3/10

All: -285.486 ± 1.327 χ^2/NDF : 2955.4/19

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 13.219 ± 1.161 χ^2/NDF : 82.4/10

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 15.454 ± 1.286 χ^2/NDF : 39.7/8

Left: 14.223 ± 0.862 χ^2/NDF : 123.8/19

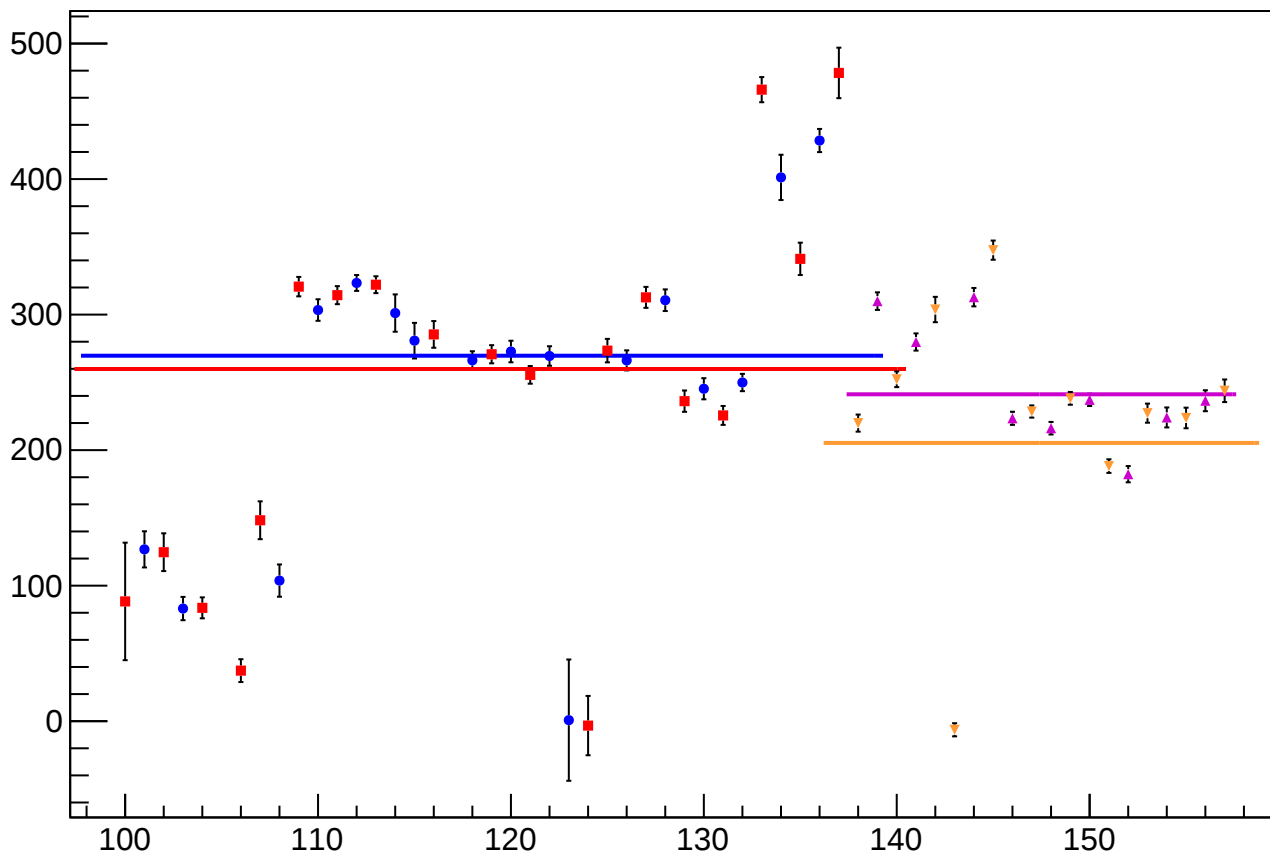
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 10.694 ± 0.830 χ^2/NDF : 323.8/25

Out: 11.220 ± 0.788 χ^2/NDF : 319.6/29

All: 10.971 ± 0.571 χ^2/NDF : 643.6/55

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: 205.317 $\pm$ 1.783 χ^2 /NDF:2611.0/10

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 241.195 $\pm$ 1.923 χ^2 /NDF:406.3/8

Left: 221.904 $\pm$ 1.308 χ^2 /NDF: 3204.4/19

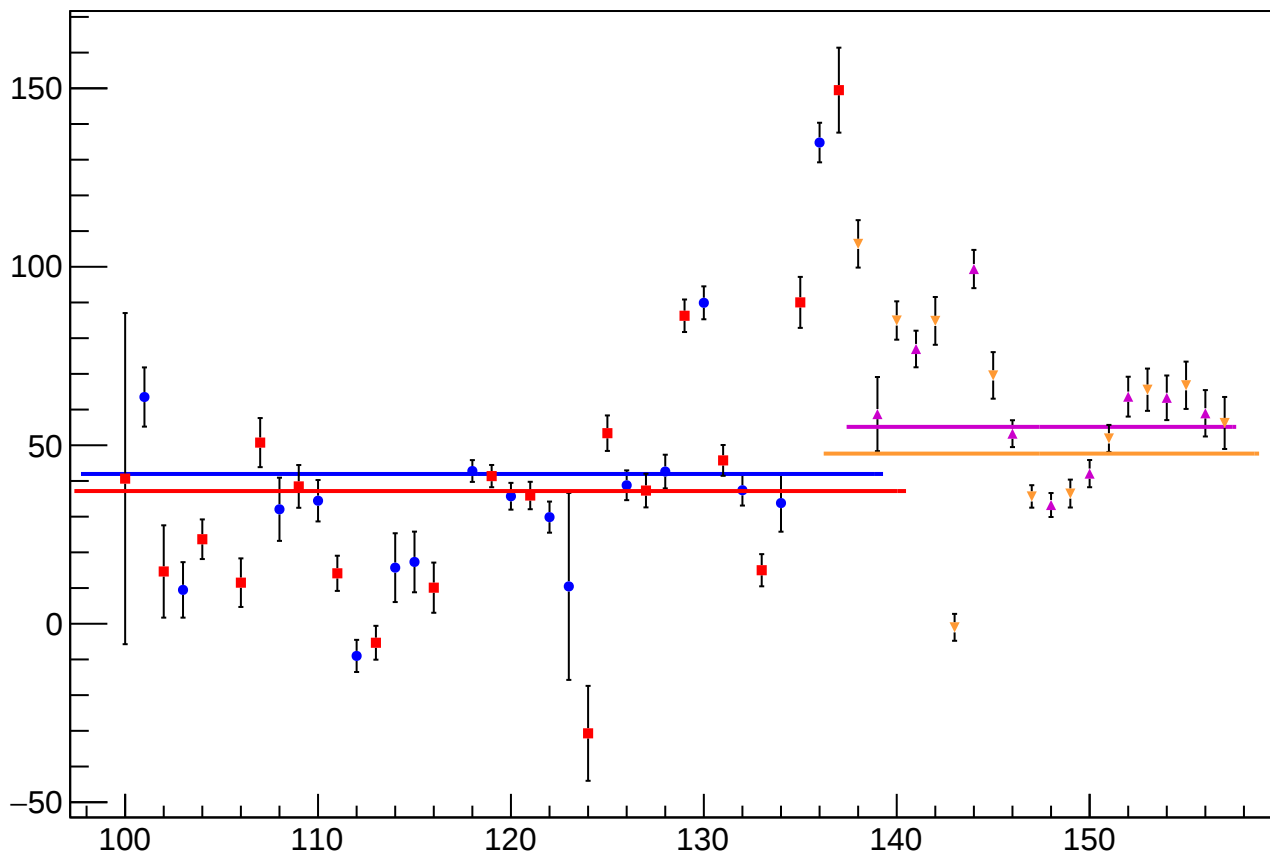
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 254.342 $\pm$ 1.411 χ^2 /NDF:1884.1/25

Out: 229.793 $\pm$ 1.324 χ^2 /NDF:5574.5/29

All: 241.290 $\pm$ 0.965 χ^2 /NDF: 7619.6/55

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 47.665 ± 1.444 $\chi^2/\text{NDF}: 378.0/10$

Right Out: 37.174 ± 1.236 $\chi^2/\text{NDF}: 470.9/18$

Left In: 55.153 ± 1.598 $\chi^2/\text{NDF}: 145.3/8$

Left: 51.032 ± 1.071 $\chi^2/\text{NDF}: 535.4/19$

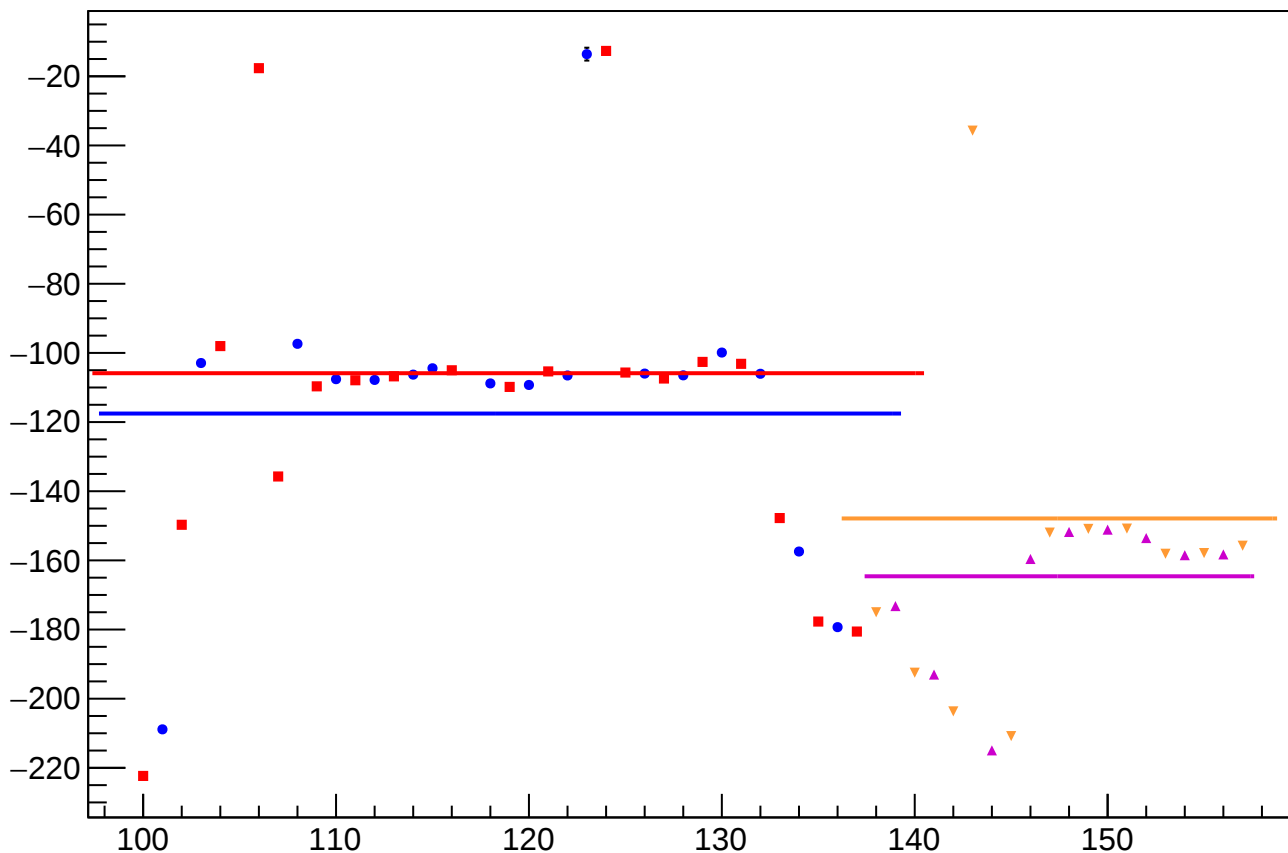
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/35$

In: 47.008 ± 0.989 $\chi^2/\text{NDF}: 761.6/25$

Out: 41.608 ± 0.939 $\chi^2/\text{NDF}: 879.4/29$

All: 44.169 ± 0.681 $\chi^2/\text{NDF}: 1656.7/55$

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: -147.876+/-0.073 χ^2/NDF : 451160.1/10

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -164.600+/-0.078 χ^2/NDF : 55172.8/8

Left: -155.711+/-0.053 χ^2/NDF : 530888.0/19

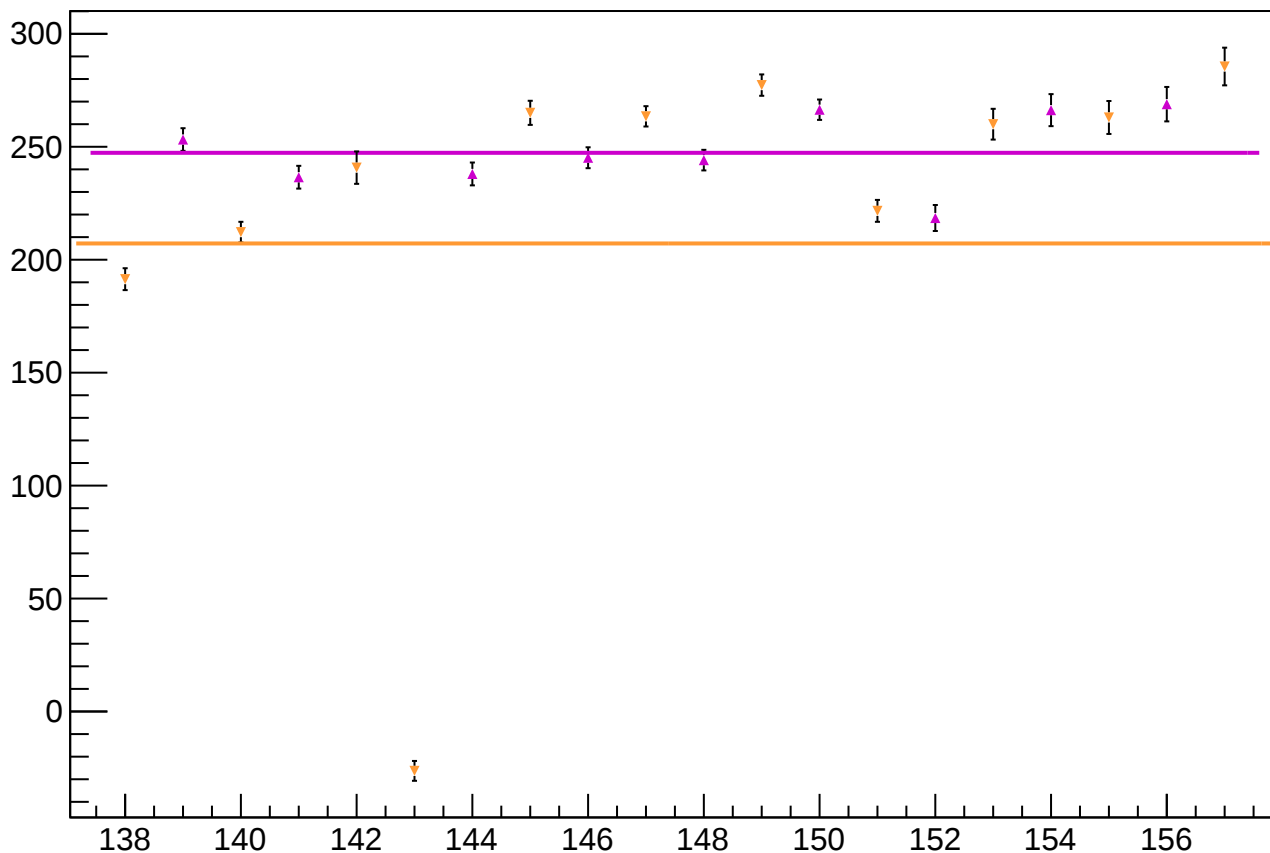
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -141.162+/-0.055 χ^2/NDF : 379428.1/25

Out: -126.794+/-0.052 χ^2/NDF : 941461.9/29

All: -133.497+/-0.038 χ^2/NDF : 1357127.2/55

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: 207.198+/-1.605 χ^2/NDF :3564.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.327+/-1.741 χ^2/NDF :68.3/8

Left: 225.631+/-1.180 χ^2/NDF : 3920.3/19

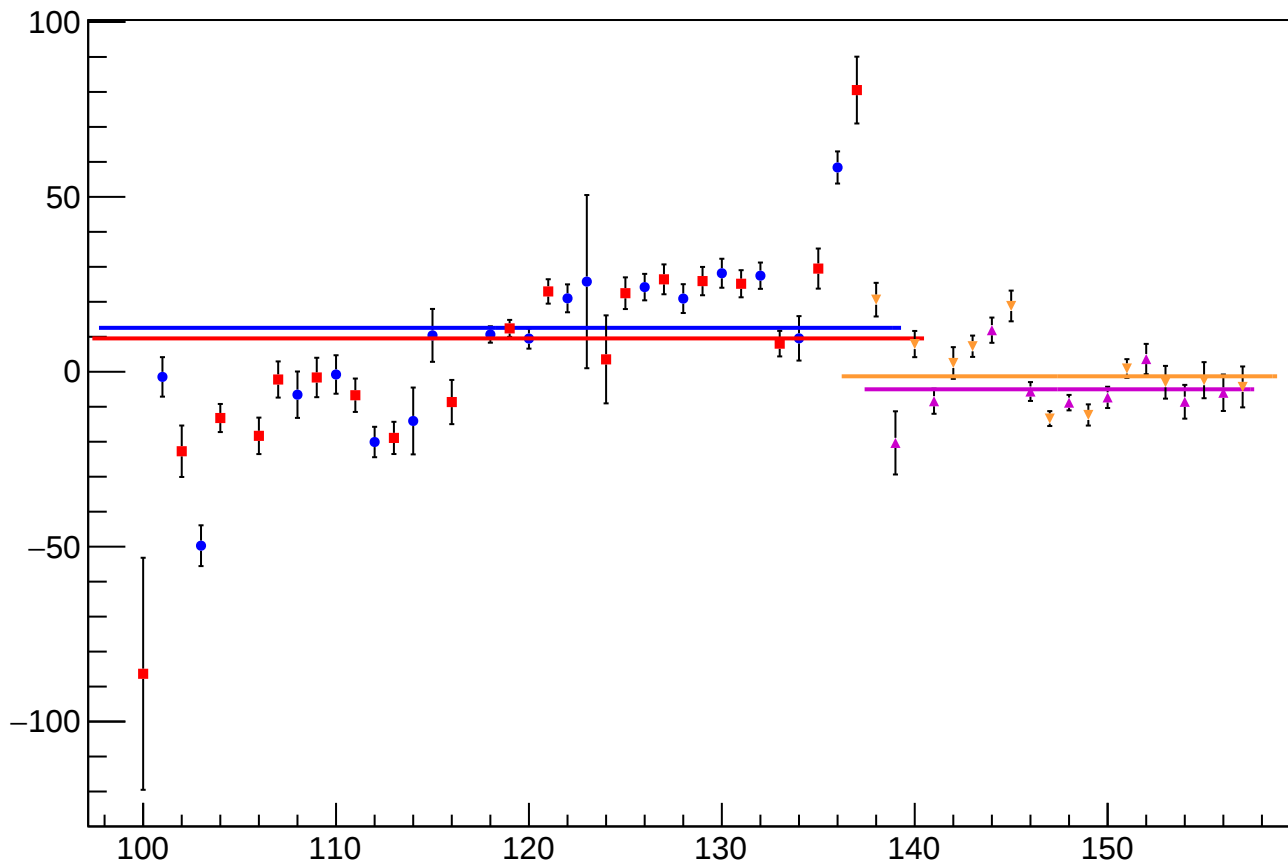
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.327+/-1.741 χ^2/NDF :68.3/8

Out: 207.198+/-1.605 χ^2/NDF :3564.9/10

All: 225.631+/-1.180 χ^2/NDF : 3920.3/19

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: -1.297+/-1.052 χ^2/NDF : 103.0/10

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -5.012+/-1.155 χ^2/NDF : 33.9/8

Left: -2.982+/-0.778 χ^2/NDF : 142.6/19

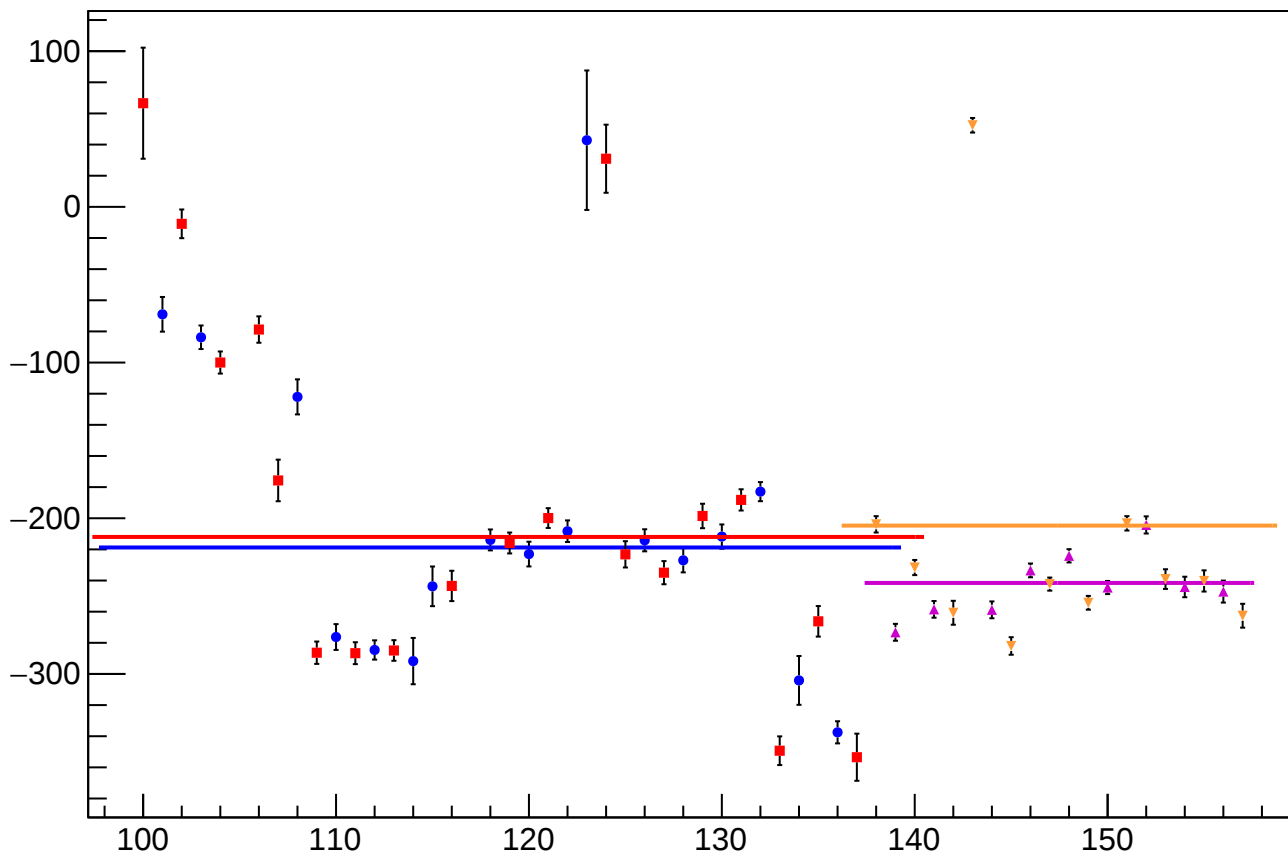
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 4.545+/-0.780 χ^2/NDF : 508.4/25

Out: 4.136+/-0.743 χ^2/NDF : 452.0/29

All: 4.330+/-0.538 χ^2/NDF : 960.5/55

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -204.717 ± 1.600 $\chi^2/\text{NDF}: 3599.5/10$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -241.545 ± 1.712 $\chi^2/\text{NDF}: 121.3/8$

Left: -221.889 ± 1.169 $\chi^2/\text{NDF}: 3967.8/19$

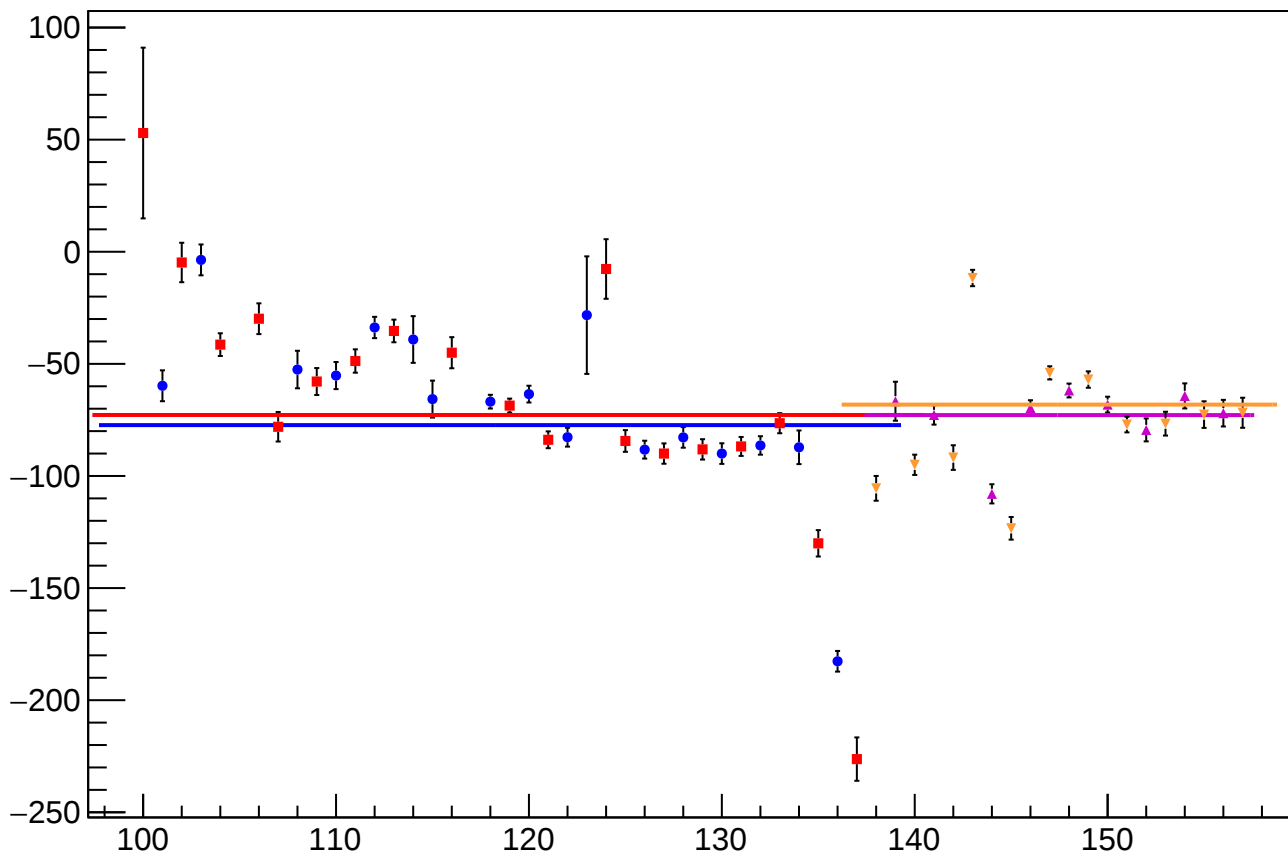
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -231.971 ± 1.303 $\chi^2/\text{NDF}: 1340.1/25$

Out: -207.697 ± 1.230 $\chi^2/\text{NDF}: 5493.6/29$

All: -219.133 ± 0.895 $\chi^2/\text{NDF}: 7017.2/55$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -68.172 ± 1.304 $\chi^2/\text{NDF}: 501.5/10$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -72.843 ± 1.430 $\chi^2/\text{NDF}: 87.2/8$

Left: -70.293 ± 0.964 $\chi^2/\text{NDF}: 594.5/19$

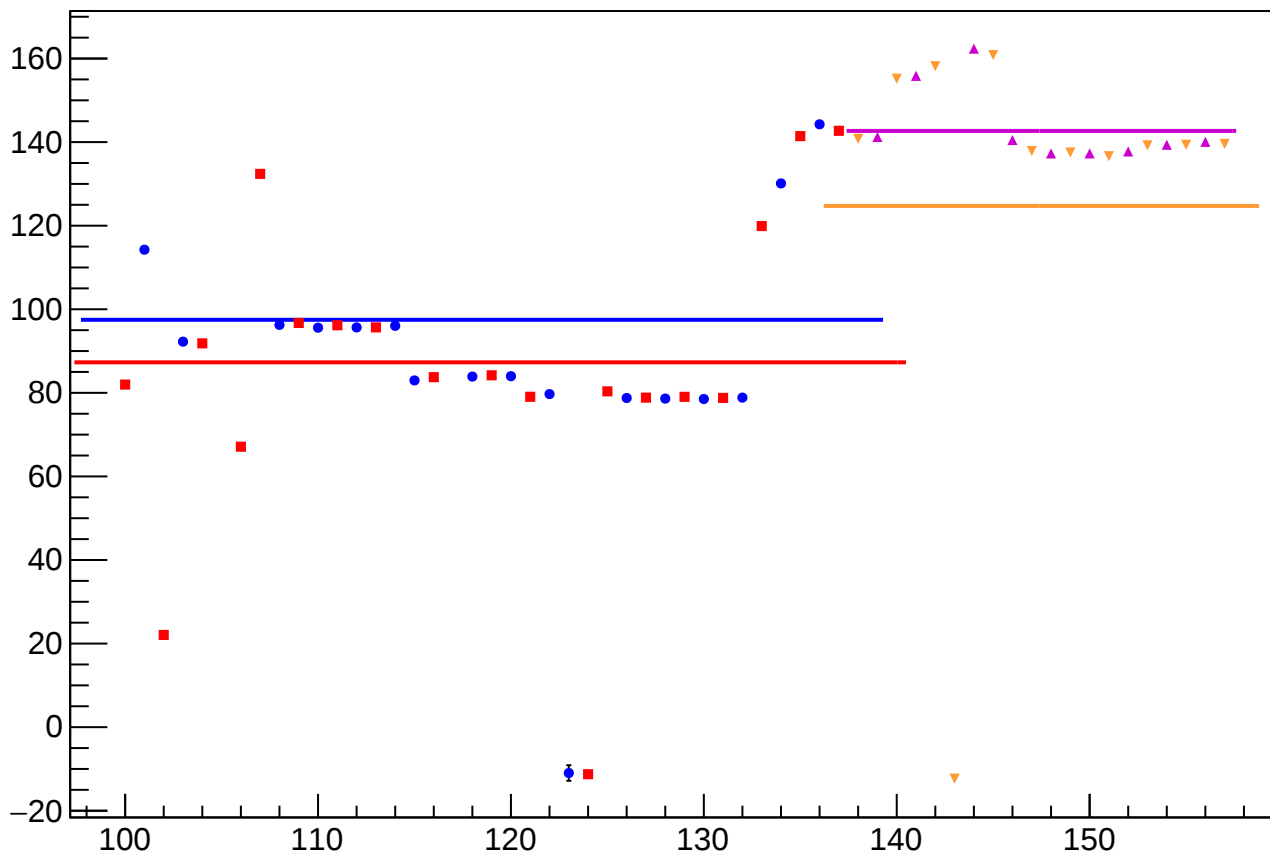
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -75.430 ± 0.929 $\chi^2/\text{NDF}: 910.5/25$

Out: -70.662 ± 0.886 $\chi^2/\text{NDF}: 1180.0/29$

All: -72.933 ± 0.641 $\chi^2/\text{NDF}: 2104.3/55$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 124.732+/-0.065 χ^2/NDF : 618363.0/10

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 142.679+/-0.069 χ^2/NDF : 13391.3/8

Left: 133.206+/-0.048 χ^2/NDF : 667332.3/19

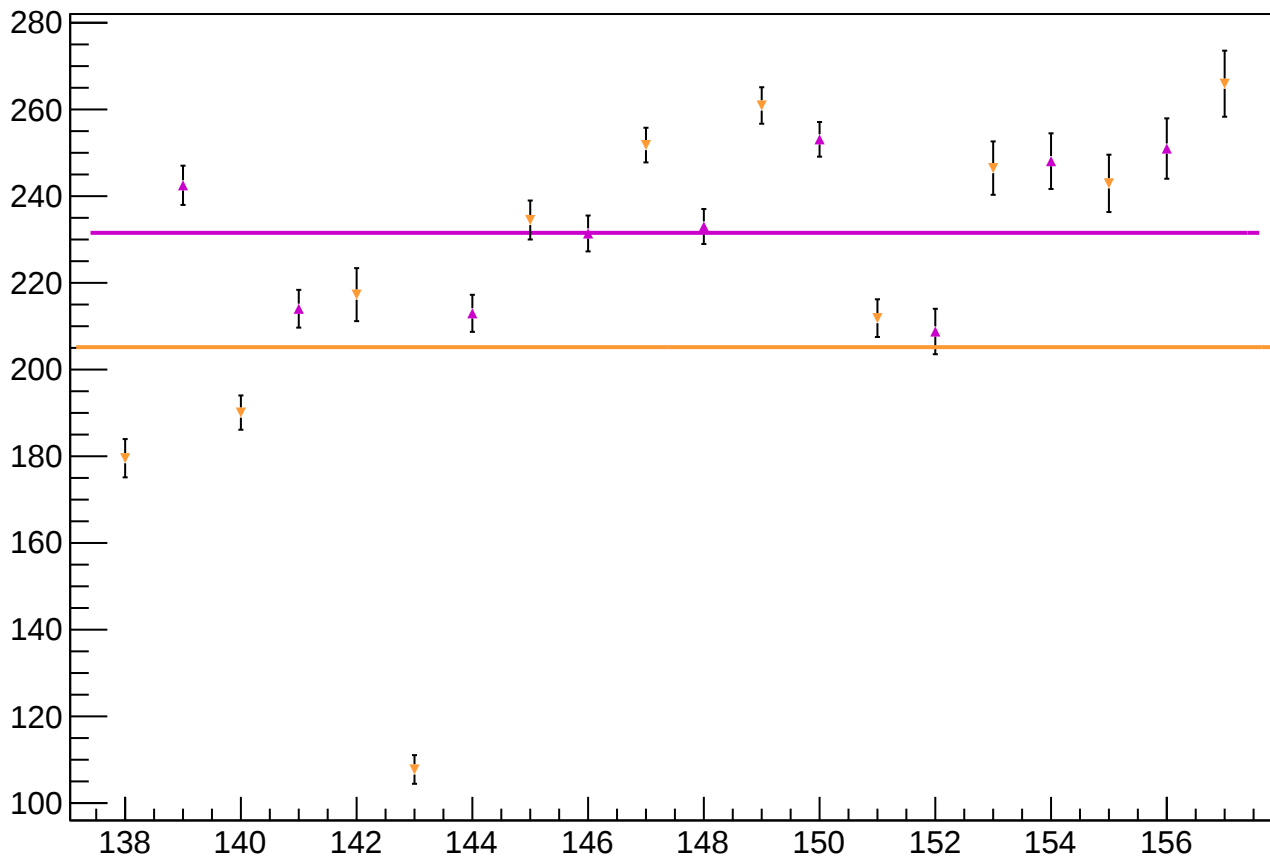
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 121.424+/-0.050 χ^2/NDF : 308809.0/25

Out: 106.811+/-0.047 χ^2/NDF : 997178.6/29

All: 113.652+/-0.034 χ^2/NDF : 1350852.5/55

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: 205.171+/-1.385 χ^2/NDF :1417.9/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 231.541+/-1.544 χ^2/NDF :103.4/8

Left: 216.931+/-1.031 χ^2/NDF : 1682.9/19

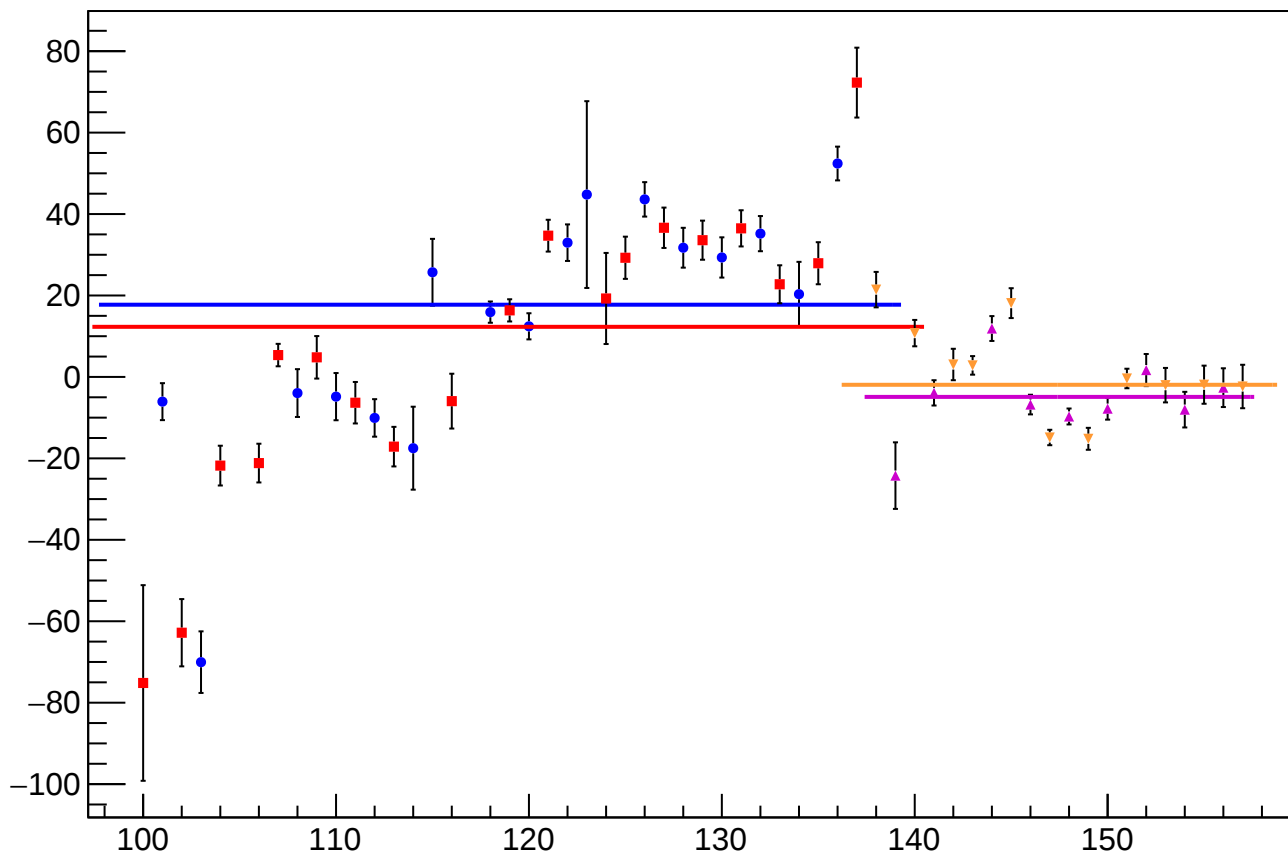
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.541+/-1.544 χ^2/NDF :103.4/8

Out: 205.171+/-1.385 χ^2/NDF :1417.9/10

All: 216.931+/-1.031 χ^2/NDF : 1682.9/19

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -1.929 ± 0.909 $\chi^2/\text{NDF}: 151.5/10$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -4.904 ± 1.022 $\chi^2/\text{NDF}: 47.3/8$

Left: -3.243 ± 0.679 $\chi^2/\text{NDF}: 203.5/19$

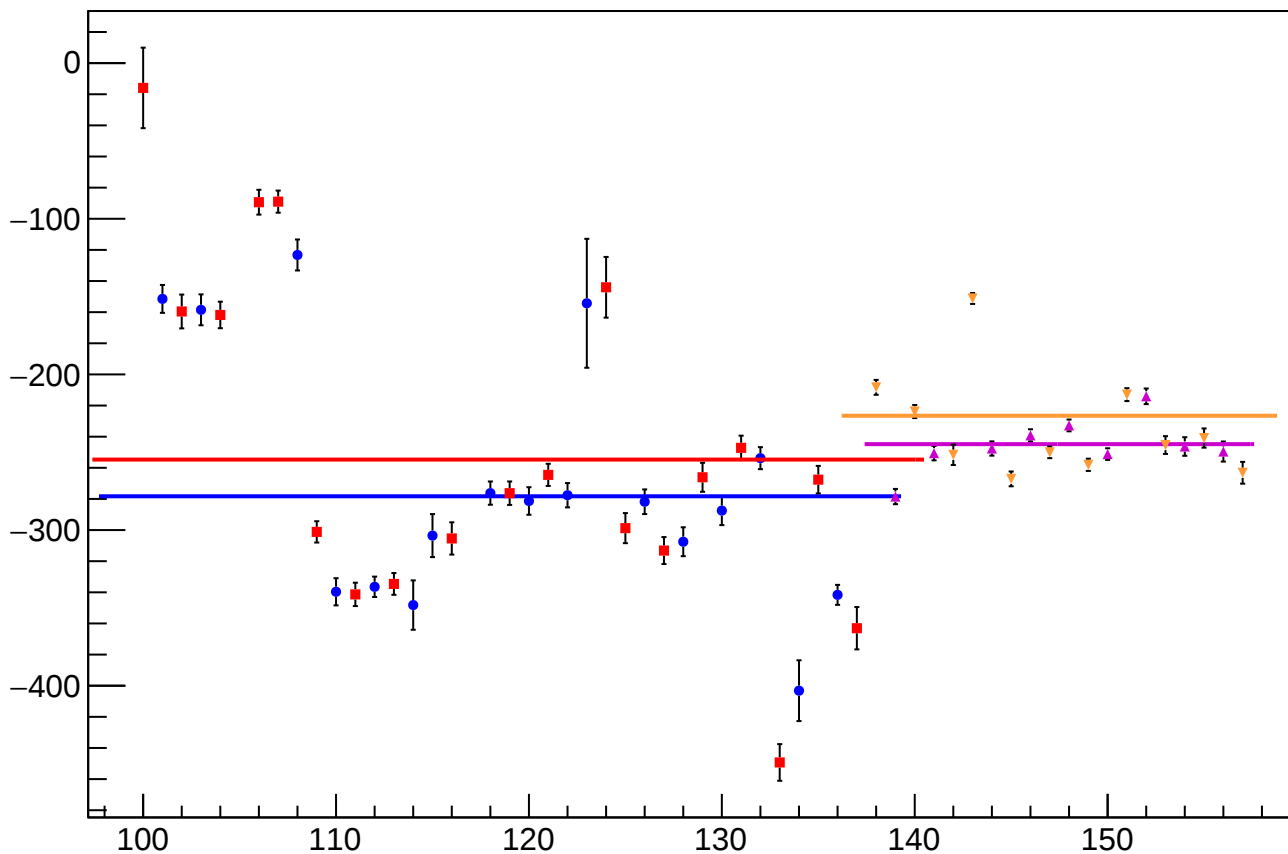
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.105 ± 0.764 $\chi^2/\text{NDF}: 658.1/25$

Out: 3.950 ± 0.697 $\chi^2/\text{NDF}: 695.2/29$

All: 4.474 ± 0.515 $\chi^2/\text{NDF}: 1354.5/55$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -226.549 ± 1.387 $\chi^2/\text{NDF}: 717.2/10$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -244.797 ± 1.520 $\chi^2/\text{NDF}: 102.4/8$

Left: -234.842 ± 1.024 $\chi^2/\text{NDF}: 898.2/19$

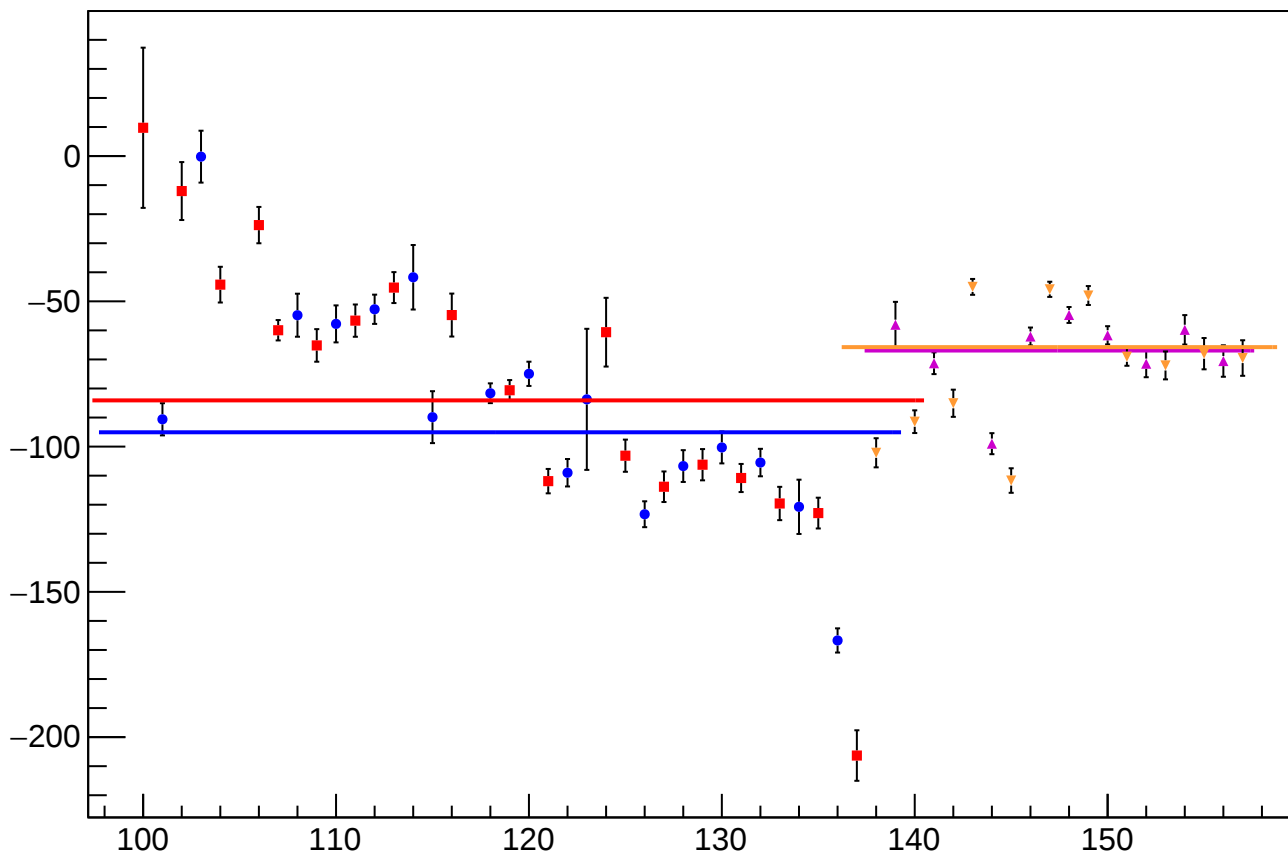
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -255.806 ± 1.245 $\chi^2/\text{NDF}: 1172.0/25$

Out: -235.581 ± 1.143 $\chi^2/\text{NDF}: 2887.5/29$

All: -244.831 ± 0.842 $\chi^2/\text{NDF}: 4202.6/55$

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: -65.764 ± 1.126 χ^2/NDF : 379.9/10

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -66.931 ± 1.266 χ^2/NDF : 109.7/8

Left: -66.279 ± 0.841 χ^2/NDF : 490.1/19

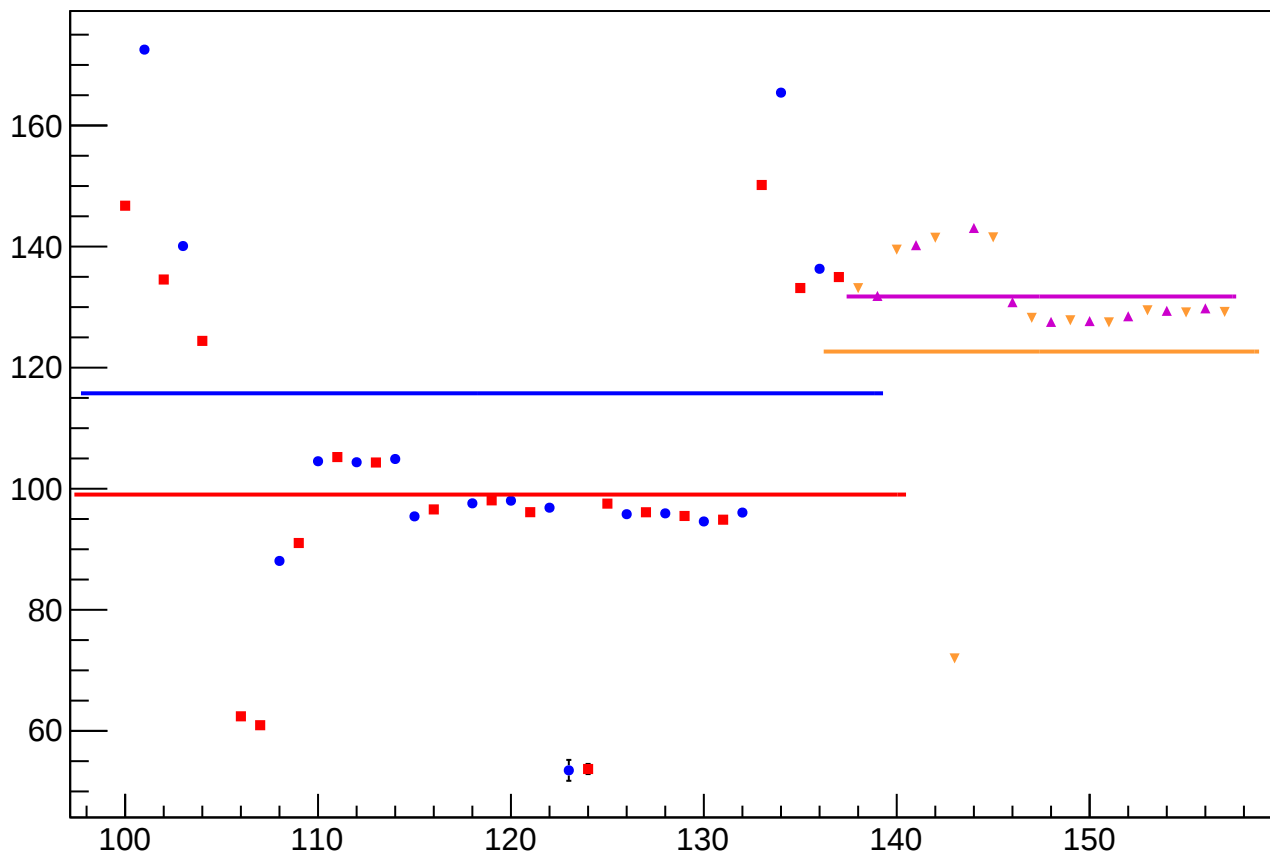
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -80.363 ± 0.916 χ^2/NDF : 1018.6/25

Out: -73.922 ± 0.839 χ^2/NDF : 1278.3/29

All: -76.860 ± 0.618 χ^2/NDF : 2323.9/55

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 122.659+/-0.057 χ^2/NDF :159725.2/10

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 131.754+/-0.062 χ^2/NDF :7081.0/8

Left: 126.839+/-0.042 χ^2/NDF : 178612.8/19

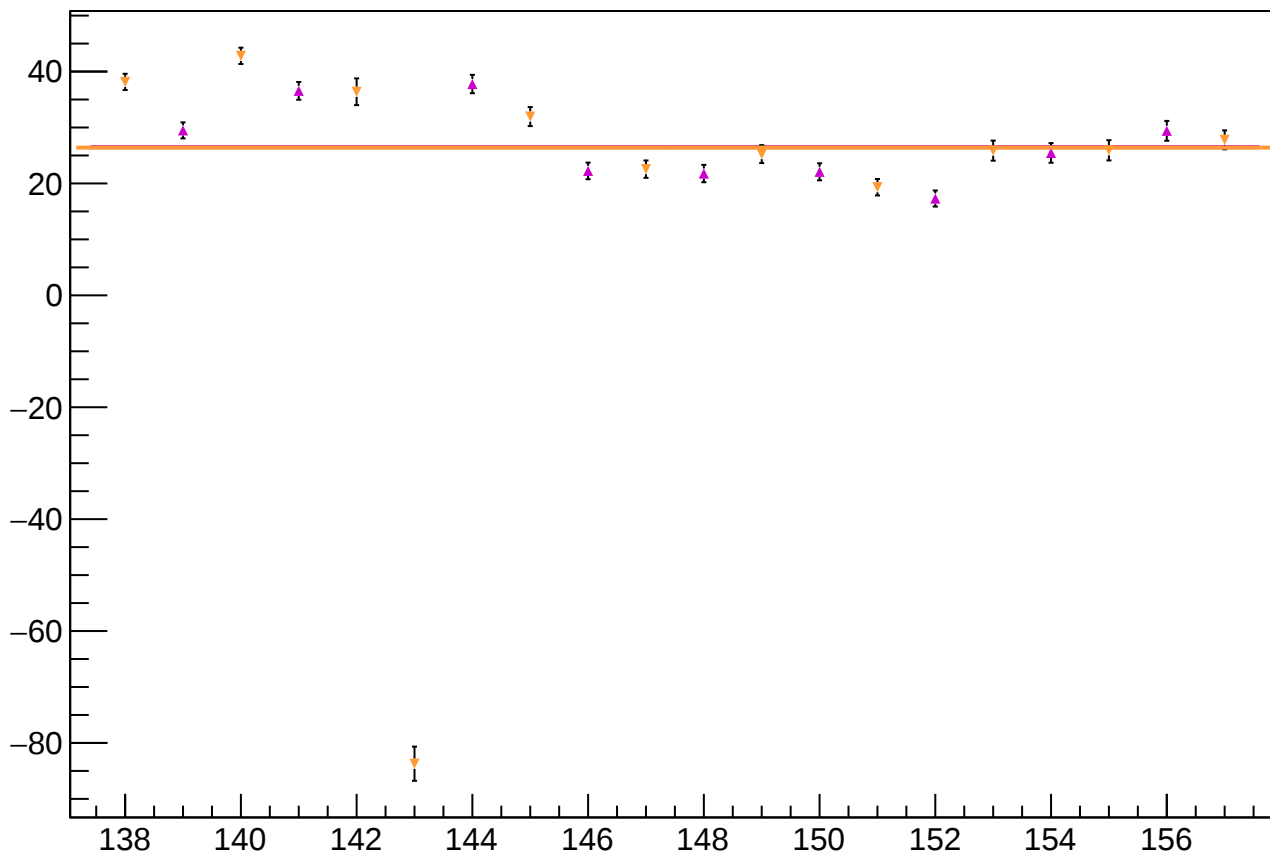
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 125.628+/-0.048 χ^2/NDF :139252.2/25

Out: 113.043+/-0.044 χ^2/NDF :403760.8/29

All: 118.703+/-0.032 χ^2/NDF : 580326.9/55

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.407+/-0.513 χ^2/NDF :1549.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.483+/-0.521 χ^2/NDF :161.5/8

Left: 26.444+/-0.365 χ^2/NDF : 1710.9/19

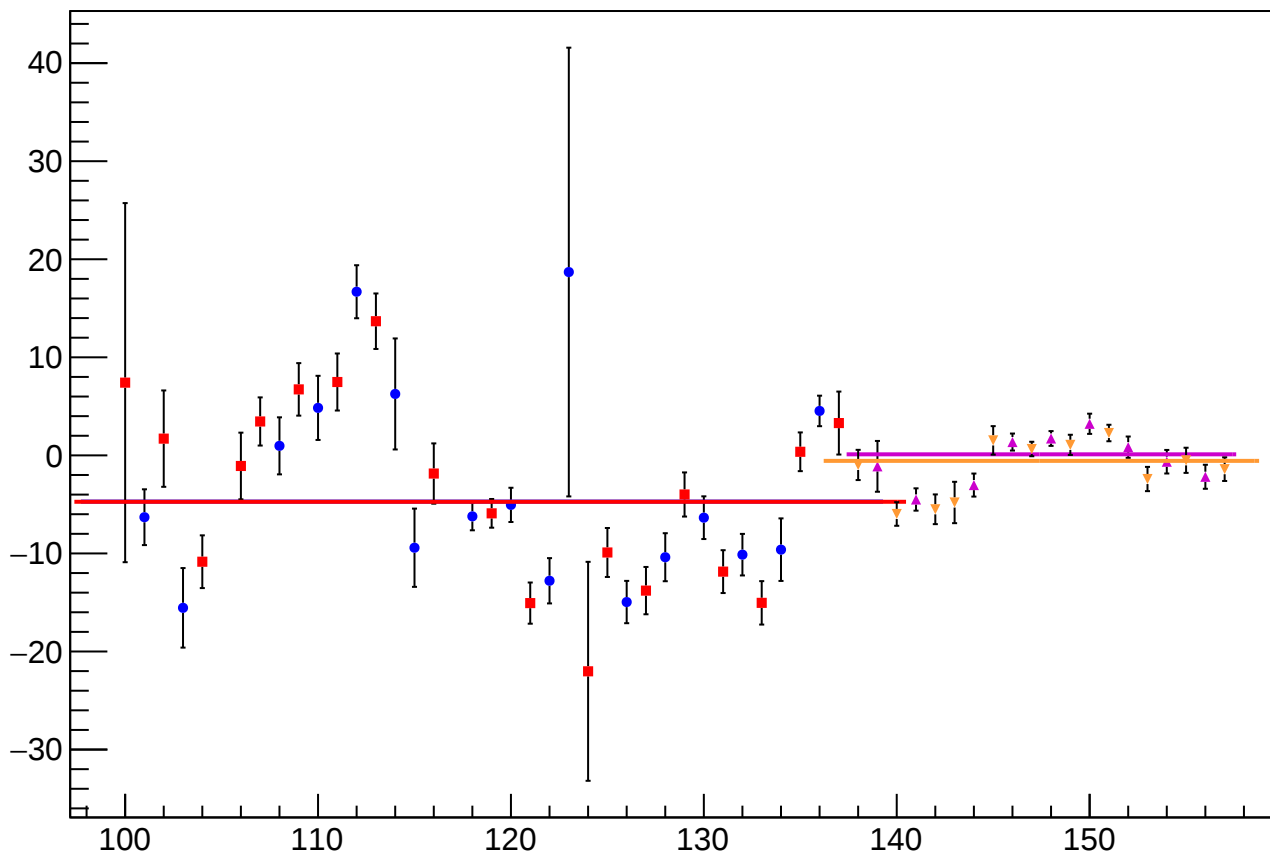
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.483+/-0.521 χ^2/NDF :161.5/8

Out: 26.407+/-0.513 χ^2/NDF :1549.3/10

All: 26.444+/-0.365 χ^2/NDF : 1710.9/19

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.561 ± 0.345 χ^2/NDF : 56.4/10

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: 0.107 ± 0.356 χ^2/NDF : 43.9/8

Left: -0.237 ± 0.248 χ^2/NDF : 102.1/19

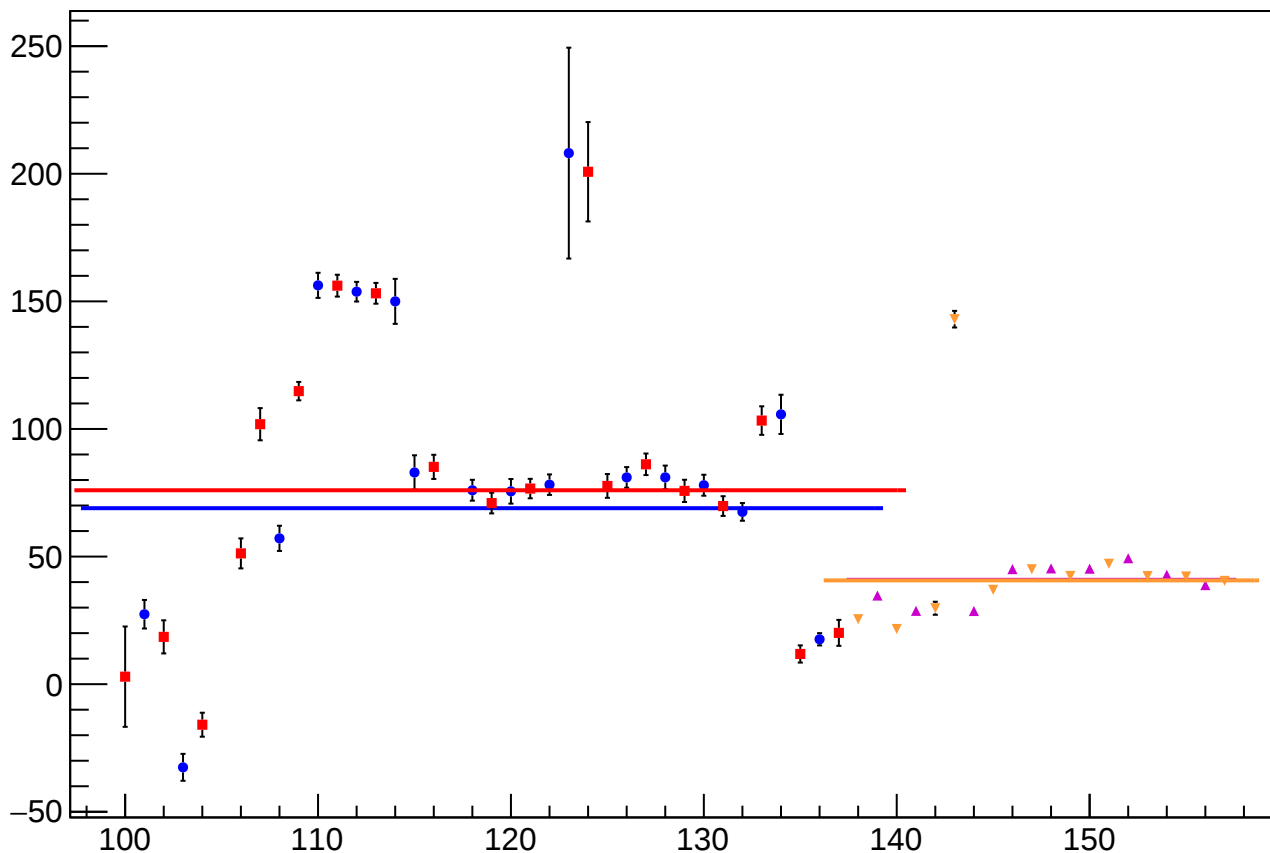
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.210 ± 0.304 χ^2/NDF : 268.6/25

Out: -1.638 ± 0.297 χ^2/NDF : 283.9/29

All: -1.428 ± 0.212 χ^2/NDF : 553.5/55

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.659 $\pm$ 0.504 χ^2 /NDF:1285.8/10

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 40.893 $\pm$ 0.511 χ^2 /NDF:184.3/8

Left: 40.775 $\pm$ 0.359 χ^2 /NDF: 1470.2/19

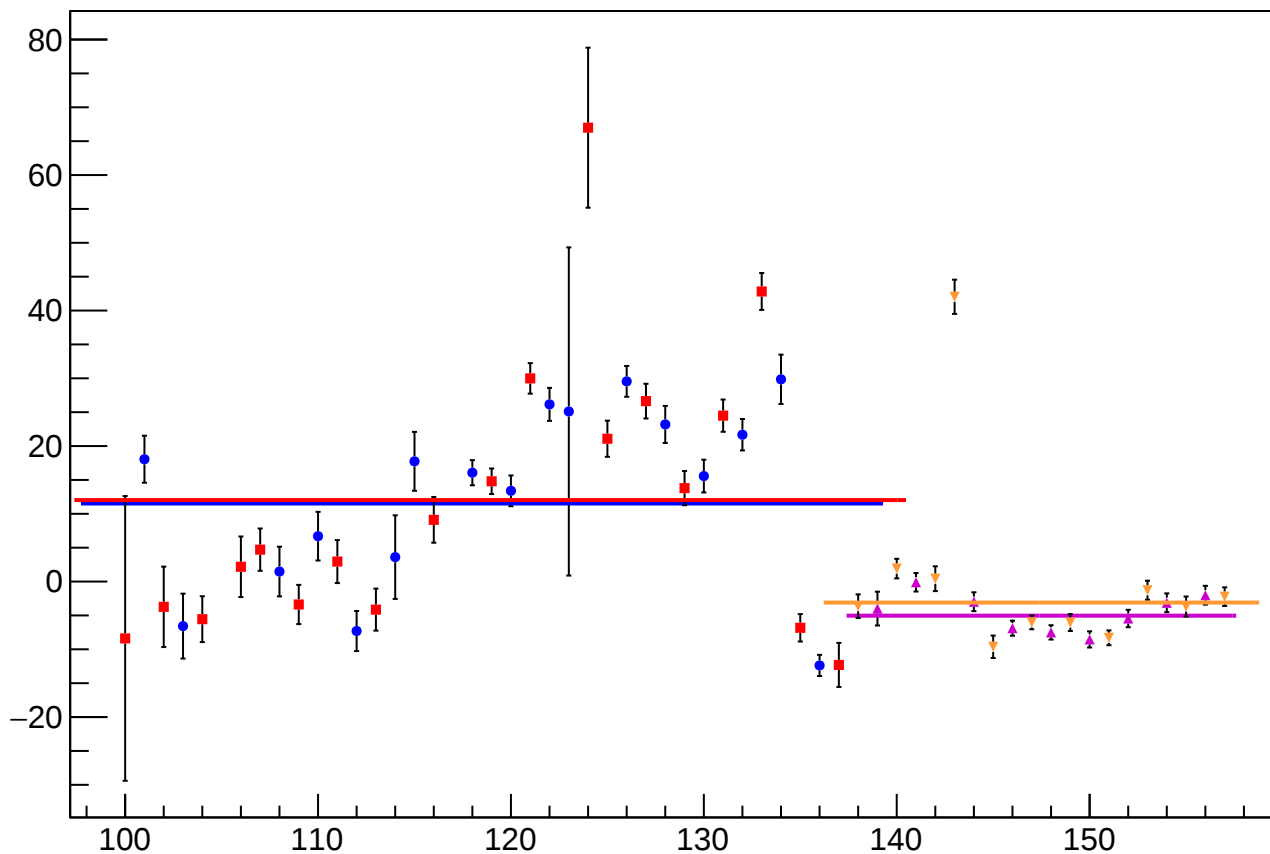
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 46.038 $\pm$ 0.462 χ^2 /NDF:2581.0/25

Out: 47.084 $\pm$ 0.456 χ^2 /NDF:4073.2/29

All: 46.568 $\pm$ 0.325 χ^2 /NDF: 6656.8/55

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.101 ± 0.424 $\chi^2/\text{NDF}: 389.5/10$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -5.034 ± 0.436 $\chi^2/\text{NDF}: 38.9/8$

Left: -4.040 ± 0.304 $\chi^2/\text{NDF}: 438.6/19$

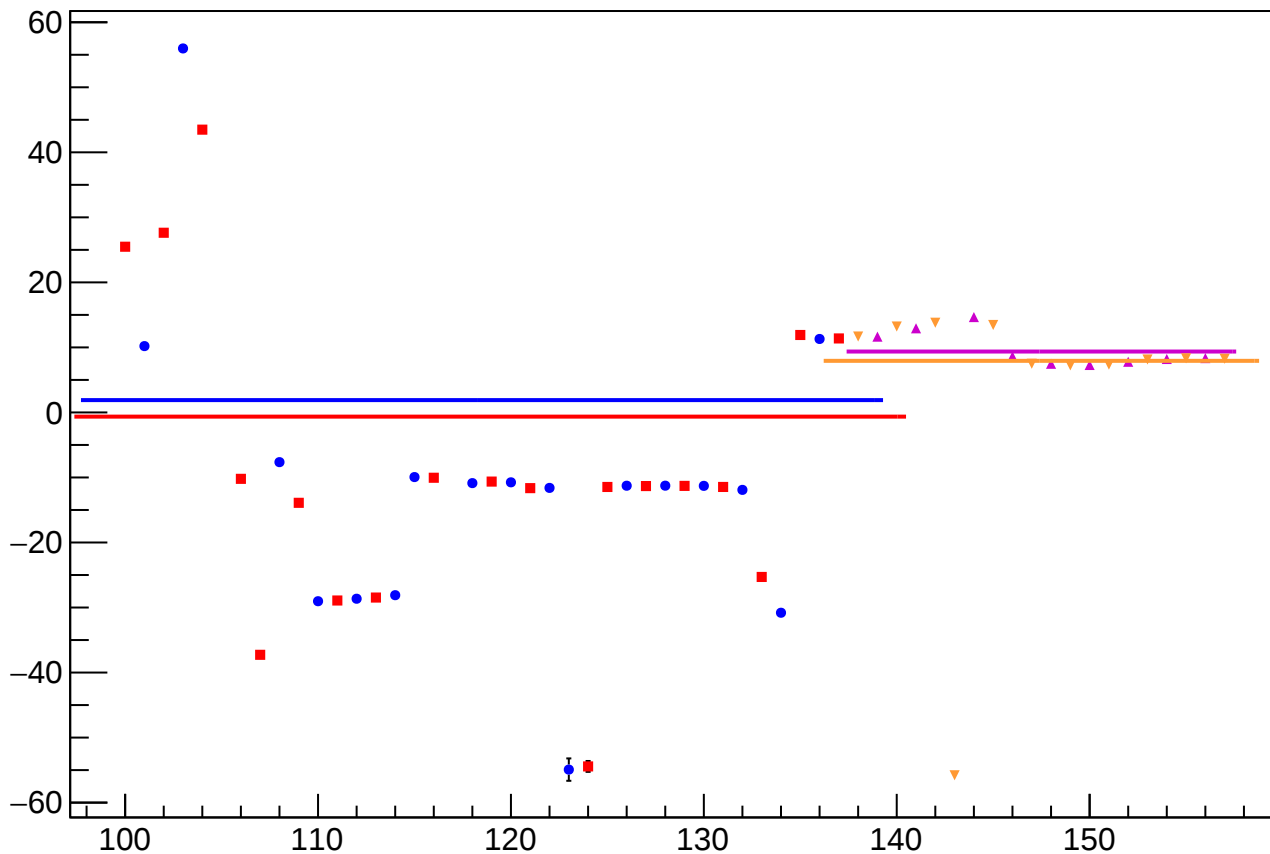
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.007 ± 0.364 $\chi^2/\text{NDF}: 954.6/25$

Out: 1.272 ± 0.357 $\chi^2/\text{NDF}: 1297.9/29$

All: 0.644 ± 0.255 $\chi^2/\text{NDF}: 2258.8/55$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.935 ± 0.020 χ^2/NDF : 256317.2/10

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 9.365 ± 0.020 χ^2/NDF : 13050.7/8

Left: 8.643 ± 0.014 χ^2/NDF : 271907.8/19

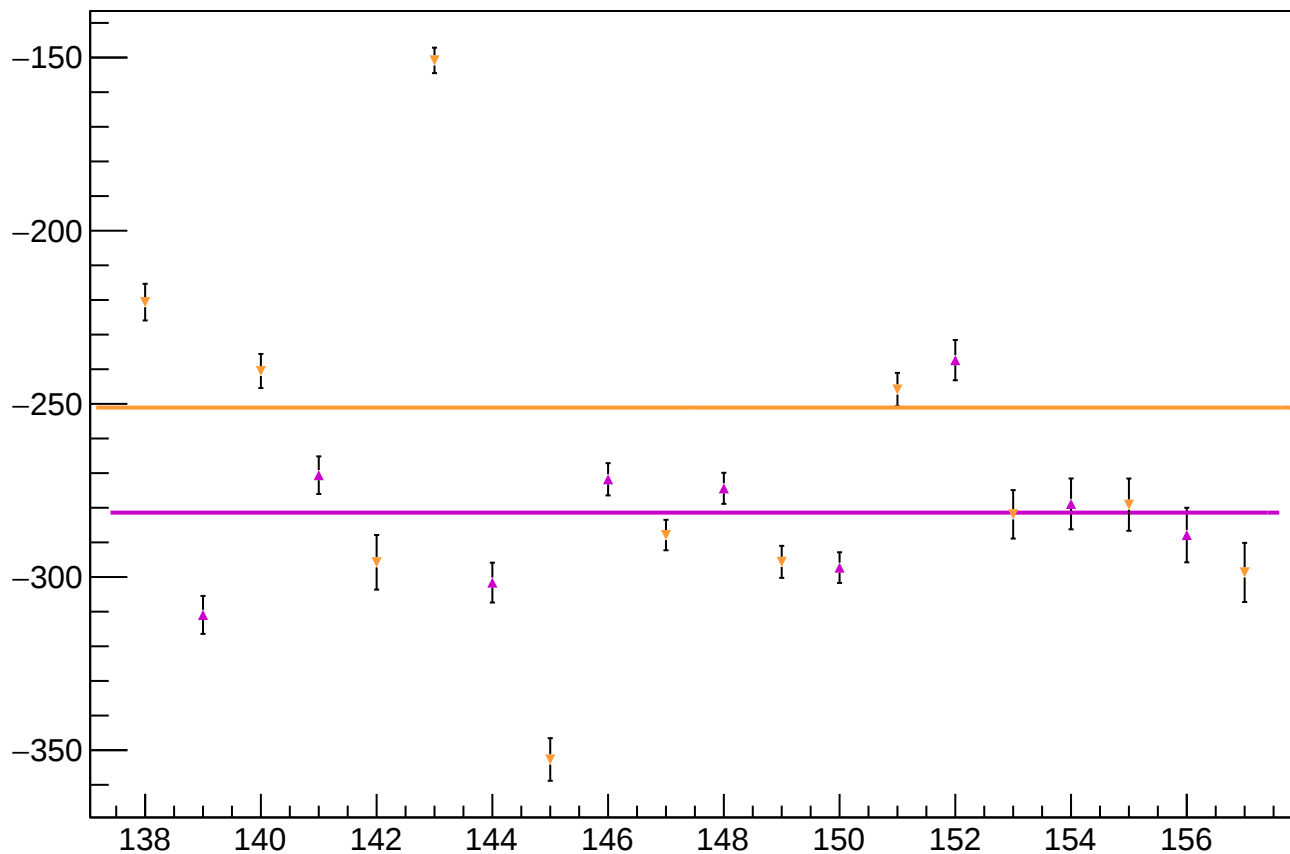
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 7.657 ± 0.018 χ^2/NDF : 403266.1/25

Out: 6.005 ± 0.018 χ^2/NDF : 659493.2/29

All: 6.824 ± 0.012 χ^2/NDF : 1067144.5/55

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -251.064+/-1.608 χ^2/NDF :1314.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -281.406+/-1.800 χ^2/NDF :123.0/8

Left: -264.524+/-1.199 χ^2/NDF : 1595.4/19

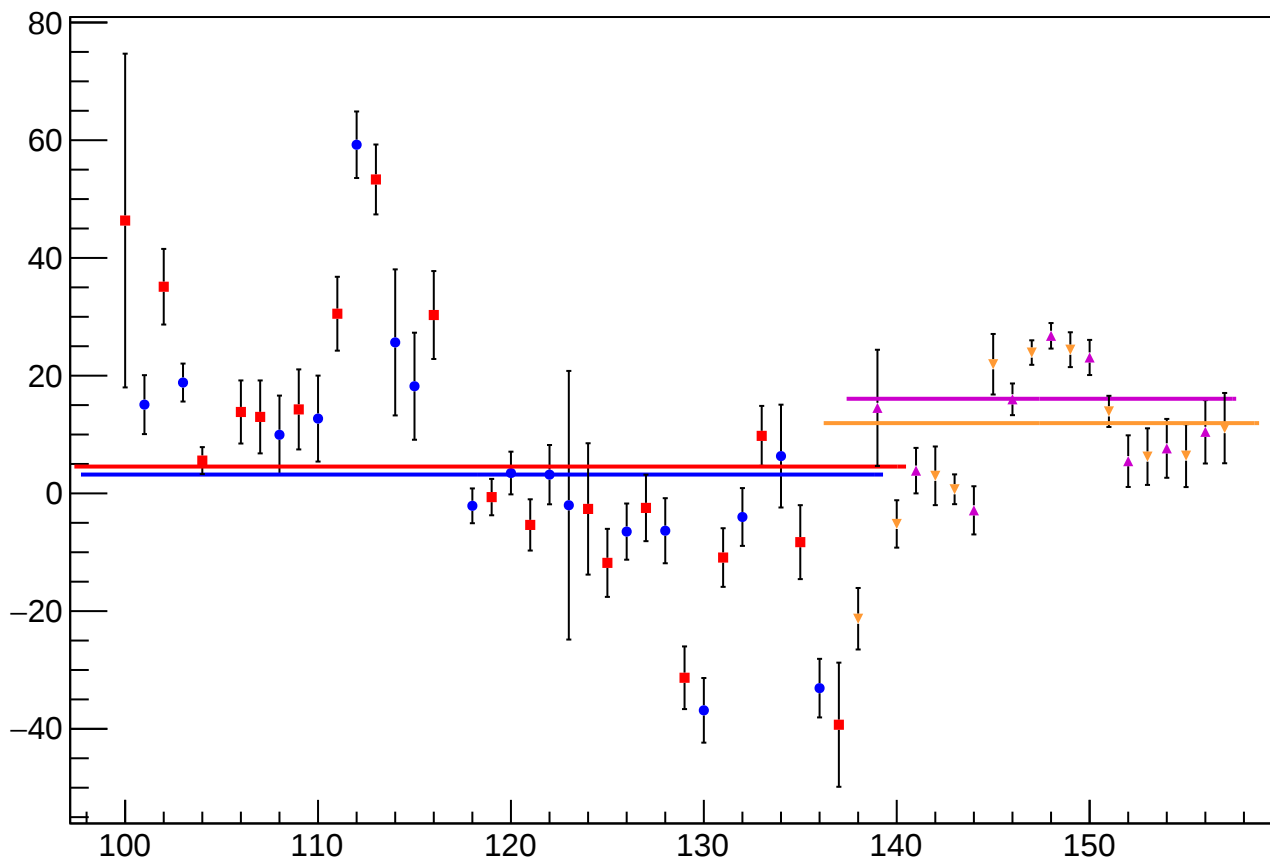
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.406+/-1.800 χ^2/NDF :123.0/8

Out: -251.064+/-1.608 χ^2/NDF :1314.3/10

All: -264.524+/-1.199 χ^2/NDF : 1595.4/19

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2 /NDF: 255.2/16

Left Out: 11.938 $\pm$ 1.039 χ^2 /NDF:139.2/10

Right Out: 4.558 $\pm$ 1.158 χ^2 /NDF: 223.9/18

Left In: 16.074 $\pm$ 1.174 χ^2 /NDF:71.0/8

Left: 13.755 $\pm$ 0.778 χ^2 /NDF: 217.2/19

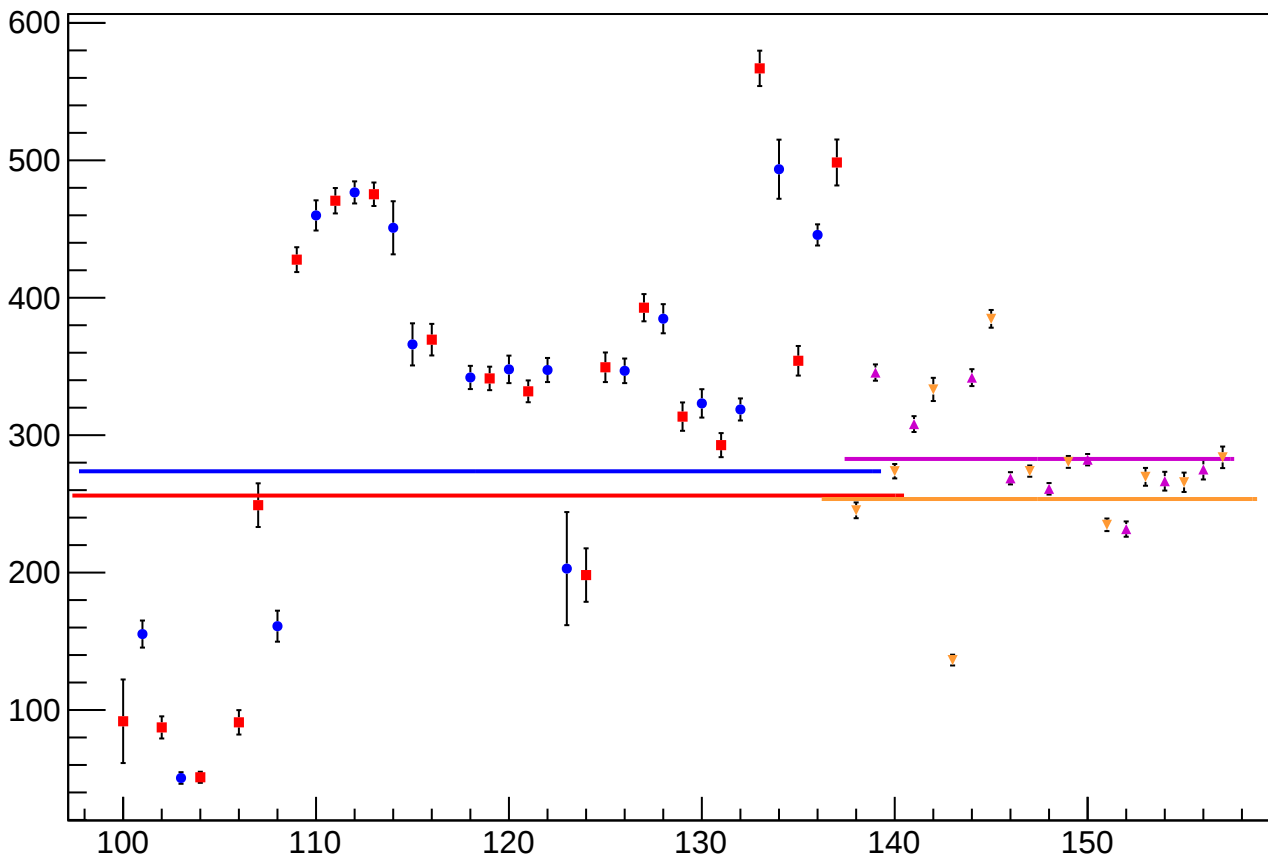
Right: 3.919 $\pm$ 0.842 χ^2 /NDF: 479.7/35

In: 9.924 $\pm$ 0.848 χ^2 /NDF:383.7/25

Out: 8.646 $\pm$ 0.773 χ^2 /NDF:385.7/29

All: 9.226 $\pm$ 0.571 χ^2 /NDF: 770.6/55

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: 253.543 $\pm$ 1.600 χ^2 /NDF: 1517.0/10

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 282.699 $\pm$ 1.760 χ^2 /NDF: 351.5/8

Left: 266.737 $\pm$ 1.184 χ^2 /NDF: 2018.7/19

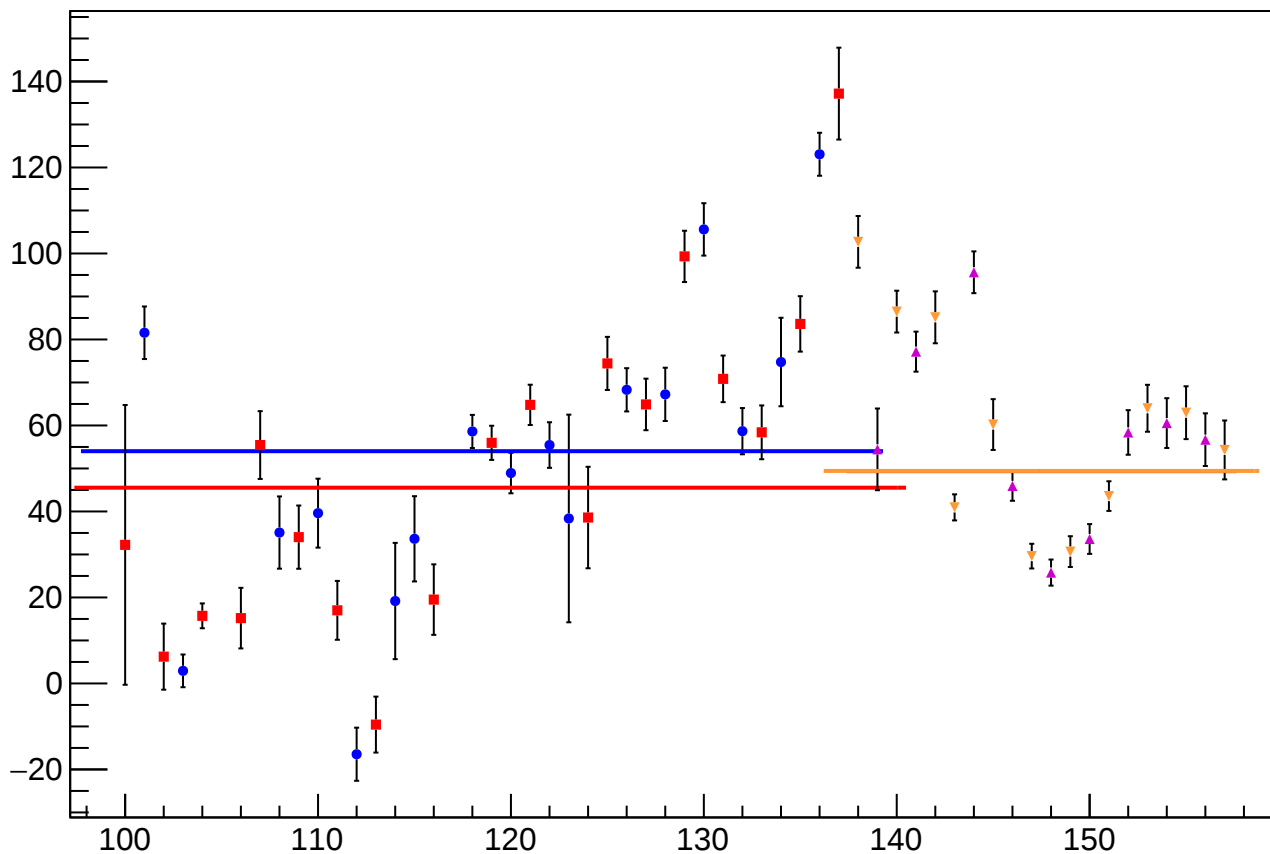
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 279.183 $\pm$ 1.373 χ^2 /NDF: 5465.0/25

Out: 254.478 $\pm$ 1.268 χ^2 /NDF: 7958.9/29

All: 265.850 $\pm$ 0.932 χ^2 /NDF: 13598.7/55

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: 49.426 $\pm$ 1.291 χ^2 /NDF:273.2/10

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 49.373 $\pm$ 1.460 χ^2 /NDF:216.9/8

Left: 49.403 $\pm$ 0.967 χ^2 /NDF: 490.0/19

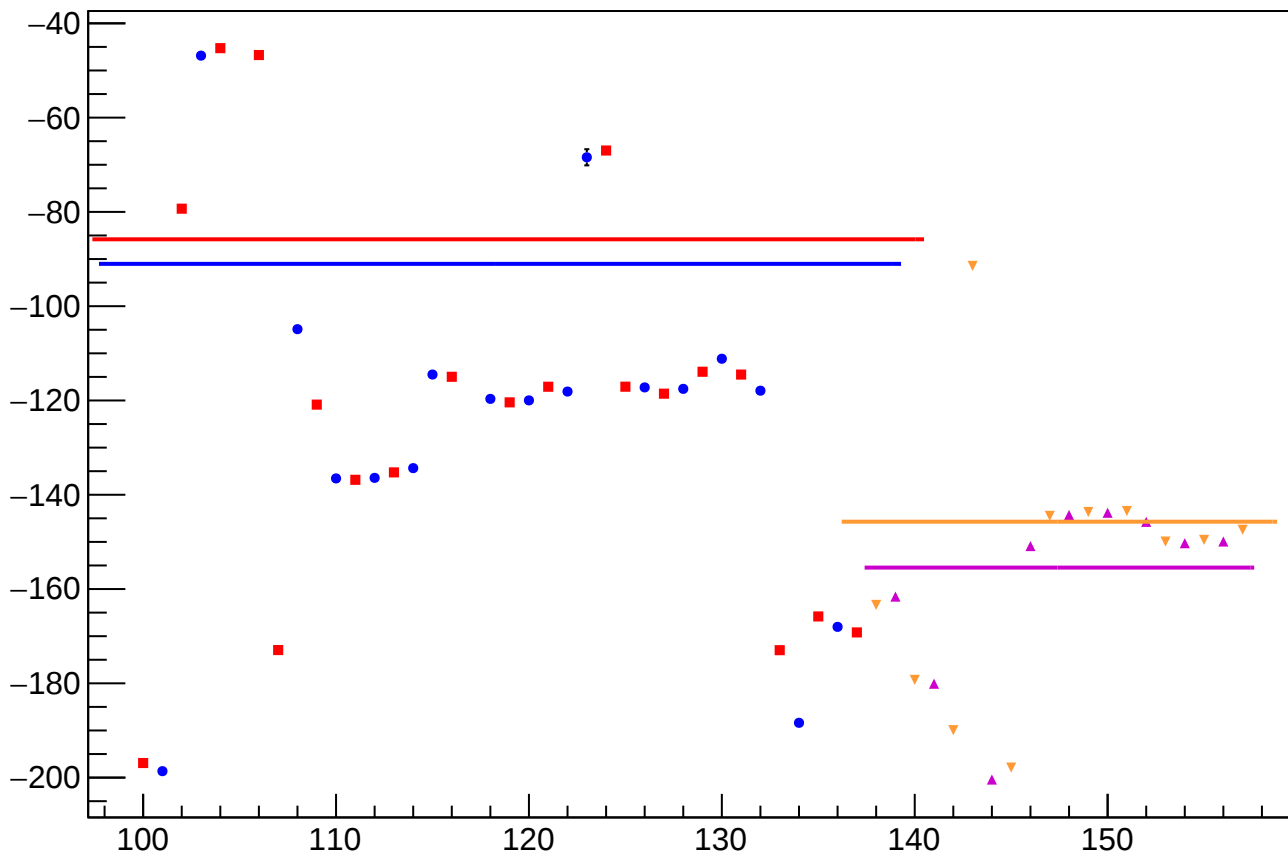
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 51.754 $\pm$ 1.019 χ^2 /NDF:854.9/25

Out: 47.574 $\pm$ 0.936 χ^2 /NDF:804.3/29

All: 49.486 $\pm$ 0.689 χ^2 /NDF: 1668.3/55

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.713+/-0.066 χ^2/NDF : 205312.0/10

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -155.450+/-0.071 χ^2/NDF : 51436.4/8

Left: -150.178+/-0.048 χ^2/NDF : 266842.8/19

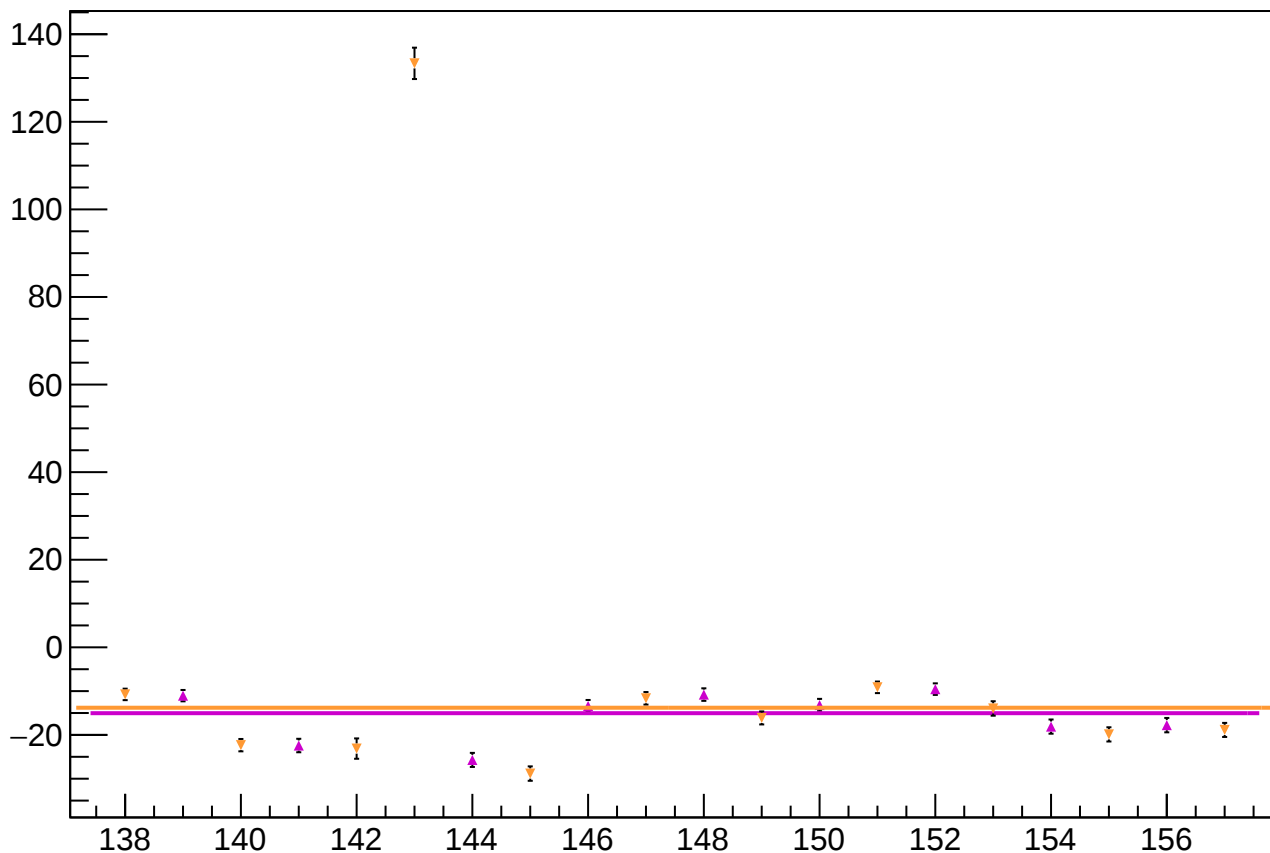
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -121.504+/-0.049 χ^2/NDF : 1015702.2/25

Out: -115.482+/-0.046 χ^2/NDF : 1121605.1/29

All: -118.312+/-0.034 χ^2/NDF : 2145293.6/55

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: -13.792+/-0.479 χ^2/NDF :1870.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.040+/-0.485 χ^2/NDF :112.2/8

Left: -14.409+/-0.341 χ^2/NDF : 1986.2/19

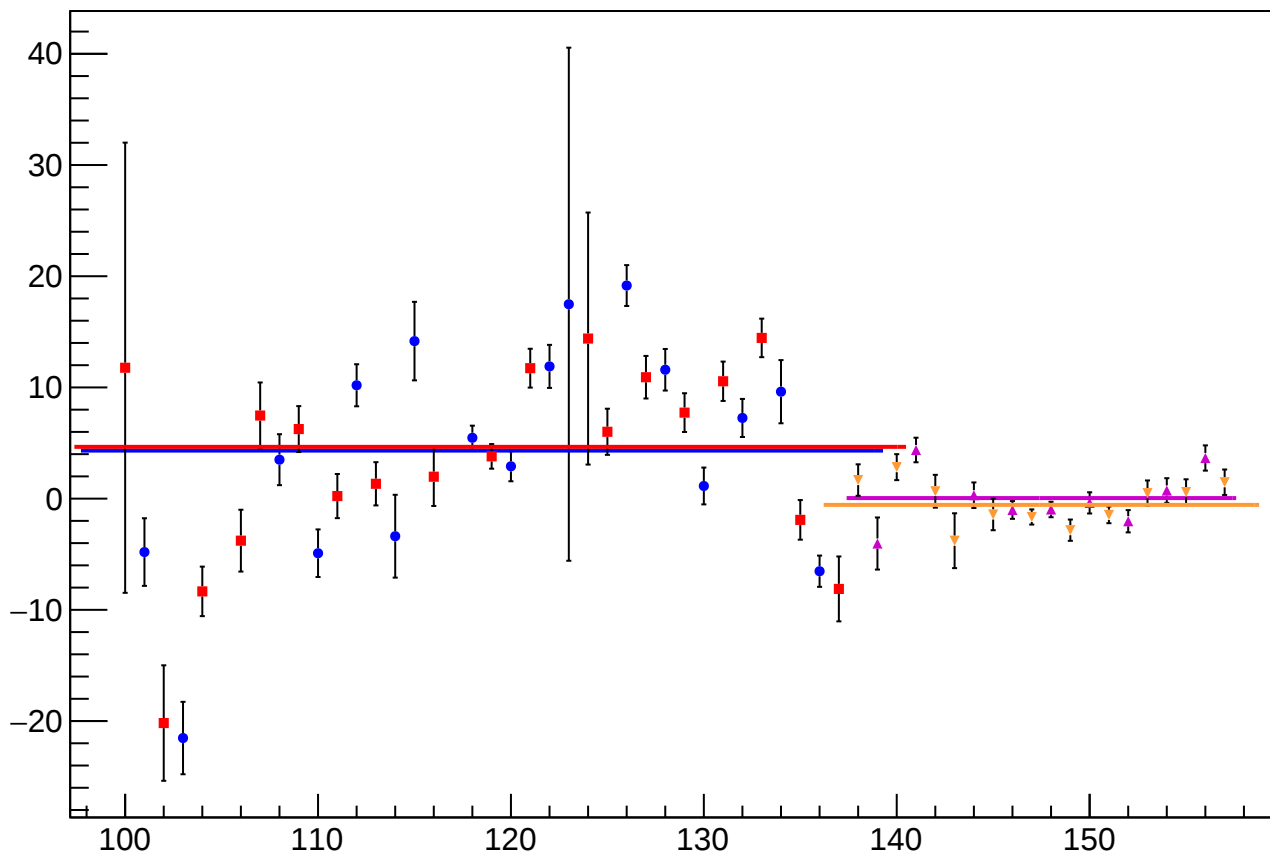
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.040+/-0.485 χ^2/NDF :112.2/8

Out: -13.792+/-0.479 χ^2/NDF :1870.6/10

All: -14.409+/-0.341 χ^2/NDF : 1986.2/19

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: -0.560 ± 0.322 χ^2/NDF : 28.4/10

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 0.050 ± 0.332 χ^2/NDF : 37.3/8

Left: -0.265 ± 0.231 χ^2/NDF : 67.5/19

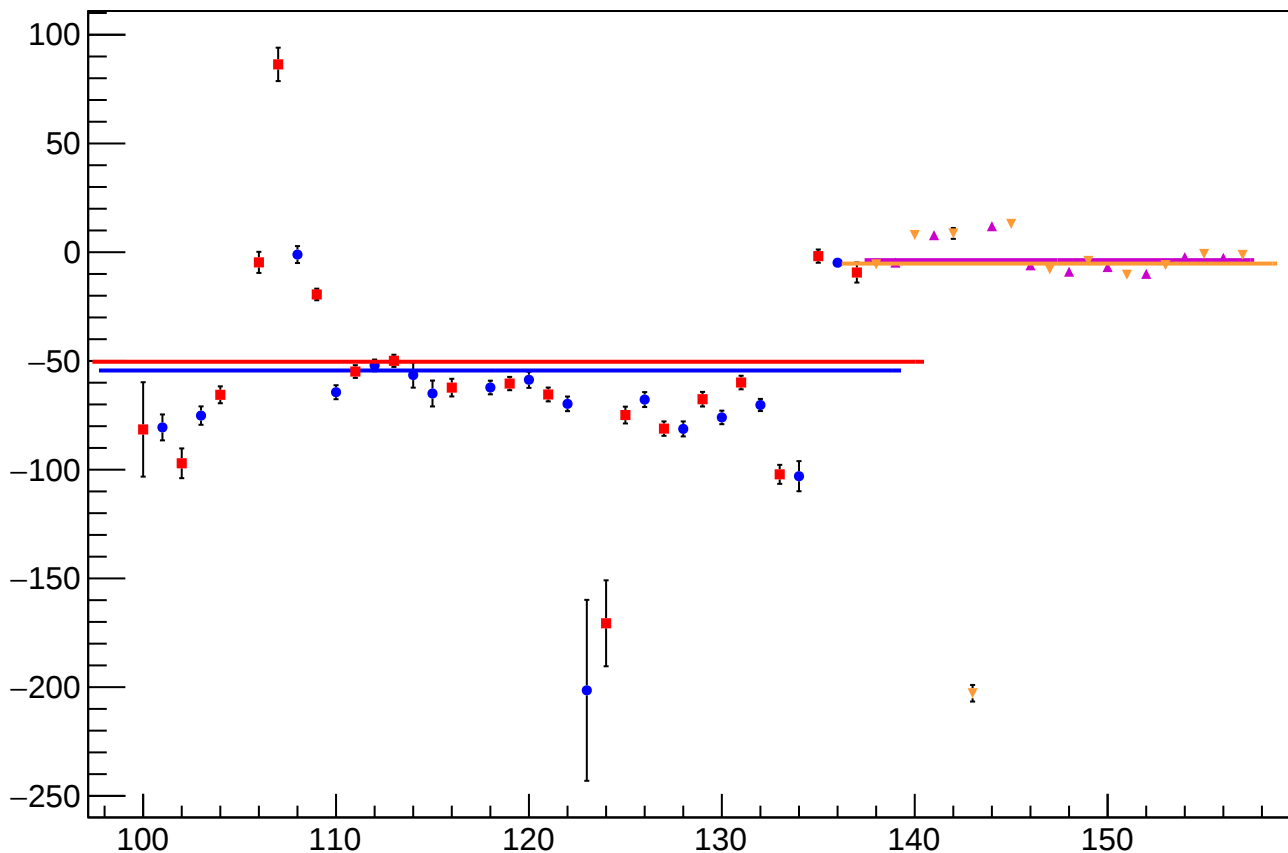
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 1.491 ± 0.270 χ^2/NDF : 373.5/25

Out: 1.085 ± 0.266 χ^2/NDF : 295.9/29

All: 1.285 ± 0.190 χ^2/NDF : 670.6/55

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF : 1014.0/16

Left Out: -5.231+/-0.470 χ^2/NDF : 2933.7/10

Right Out: -50.364+/-0.858 χ^2/NDF : 1321.3/18

Left In: -3.646+/-0.475 χ^2/NDF : 183.0/8

Left: -4.447+/-0.334 χ^2/NDF : 3122.3/19

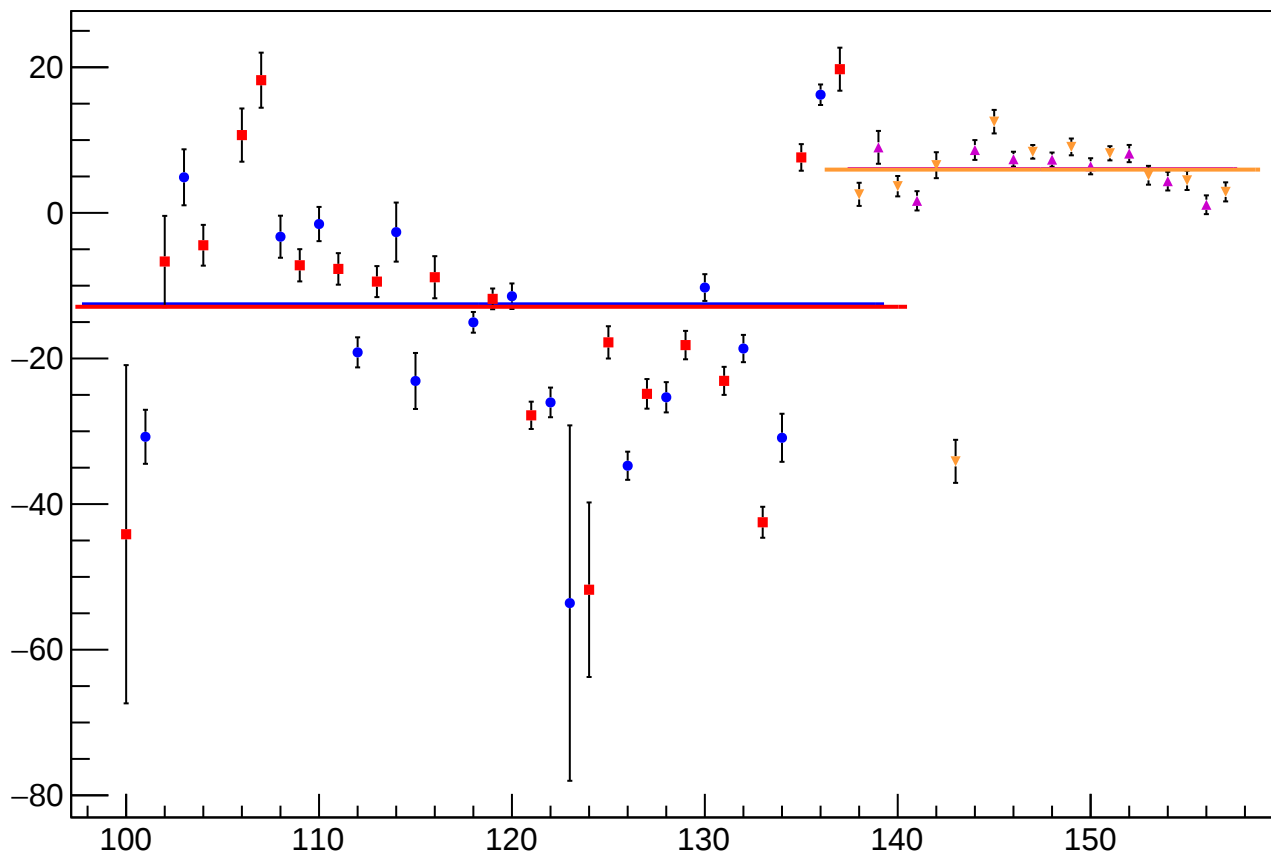
Right: -52.360+/-0.609 χ^2/NDF : 2346.2/35

In: -15.416+/-0.416 χ^2/NDF : 3842.9/25

Out: -15.665+/-0.412 χ^2/NDF : 6384.3/29

All: -15.542+/-0.293 χ^2/NDF : 10227.4/55

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: 5.943 ± 0.395 χ^2/NDF : 234.1/10

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.027 ± 0.406 χ^2/NDF : 39.3/8

Left: 5.984 ± 0.283 χ^2/NDF : 273.4/19

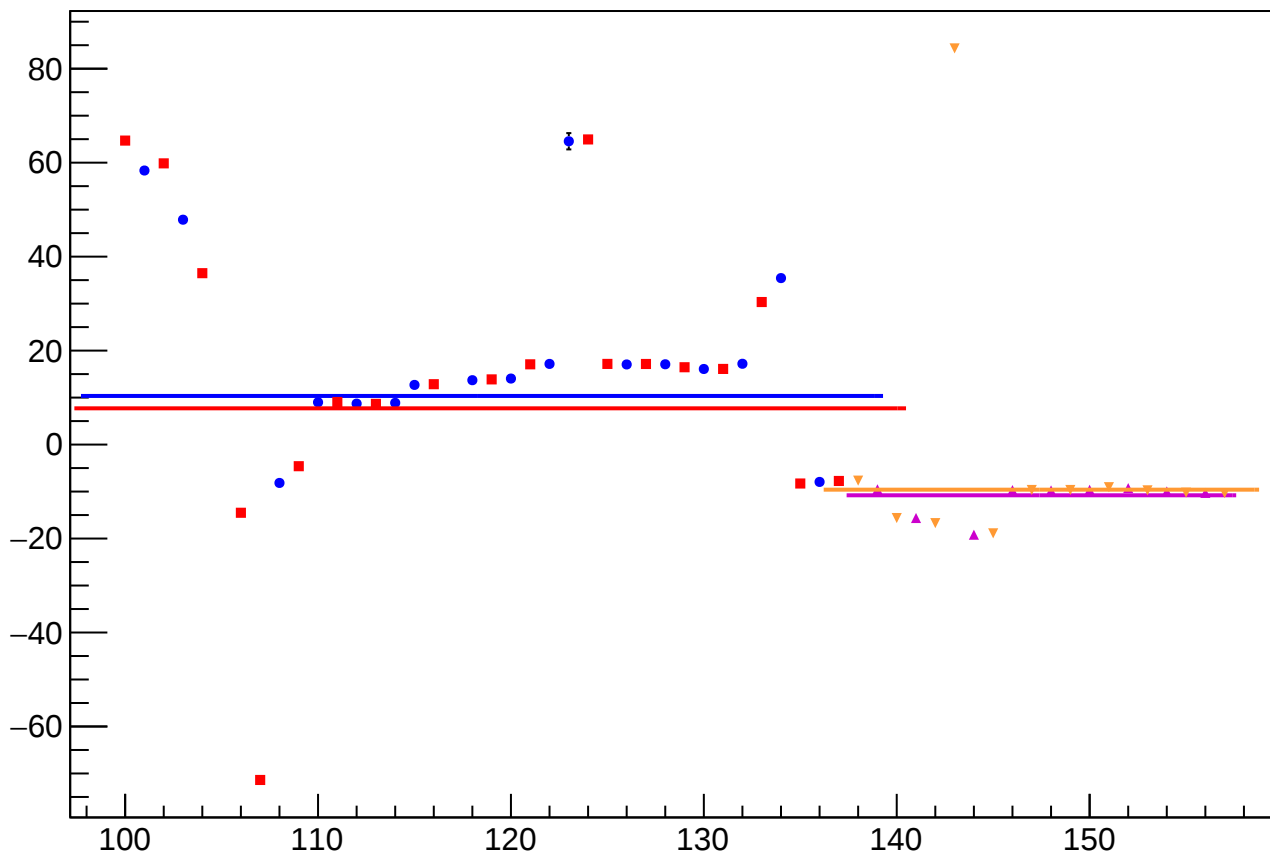
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -0.828 ± 0.323 χ^2/NDF : 1591.0/25

Out: -0.656 ± 0.318 χ^2/NDF : 1759.0/29

All: -0.741 ± 0.227 χ^2/NDF : 3350.1/55

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: -9.598+/-0.019 χ^2/NDF : 407629.0/10

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.794+/-0.019 χ^2/NDF : 20827.7/8

Left: -10.192+/-0.013 χ^2/NDF : 430509.3/19

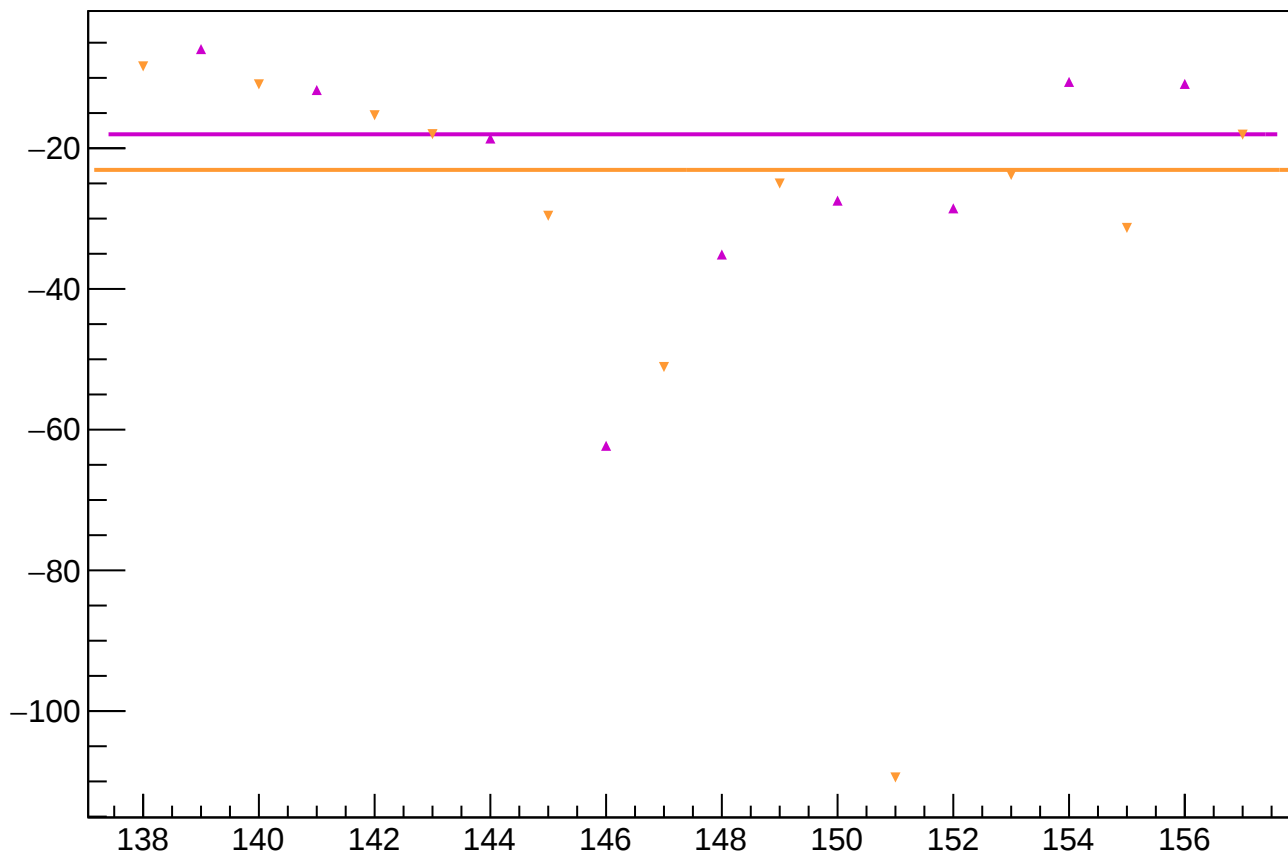
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -5.031+/-0.016 χ^2/NDF : 749474.1/25

Out: -5.070+/-0.016 χ^2/NDF : 1179129.7/29

All: -5.051+/-0.011 χ^2/NDF : 1928606.7/55

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.077+/-0.081 χ^2/NDF : 50345.2/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.019+/-0.071 χ^2/NDF : 36050.6/8

Left: -20.232+/-0.053 χ^2/NDF : 88612.0/19

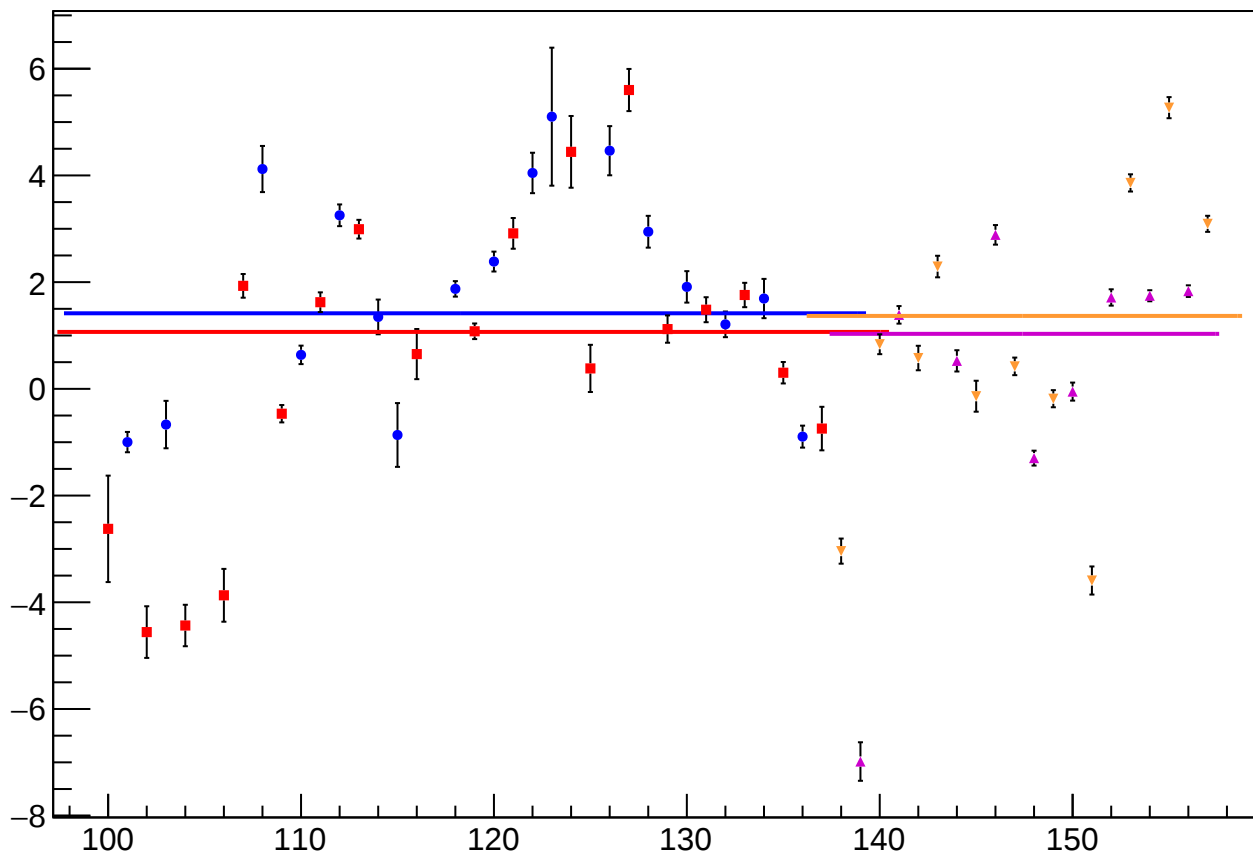
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.019+/-0.071 χ^2/NDF : 36050.6/8

Out: -23.077+/-0.081 χ^2/NDF : 50345.2/10

All: -20.232+/-0.053 χ^2/NDF : 88612.0/19

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.367 ± 0.058 χ^2/NDF : 1659.2/10

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 1.031 ± 0.050 χ^2/NDF : 1046.6/8

Left: 1.174 ± 0.038 χ^2/NDF : 2725.3/19

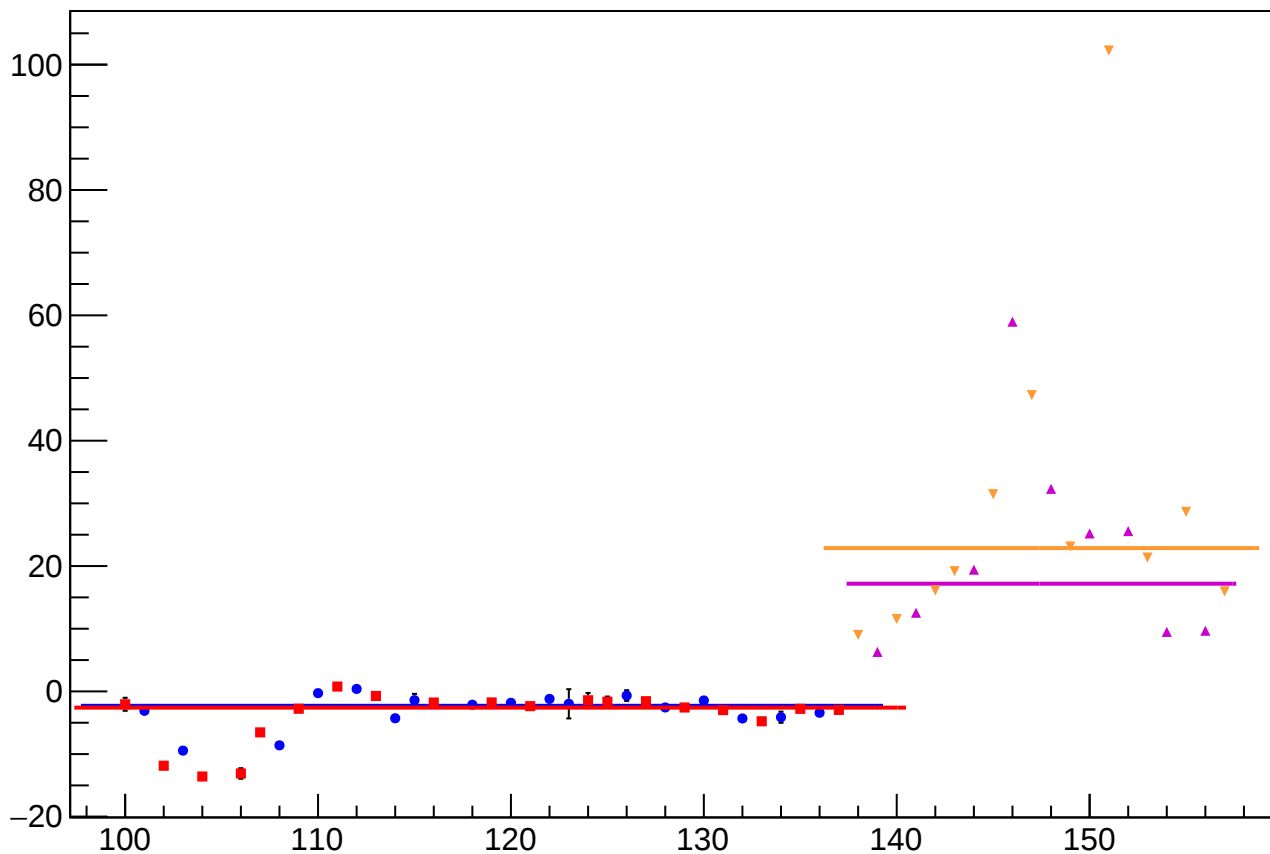
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.184 ± 0.039 χ^2/NDF : 1701.7/25

Out: 1.218 ± 0.041 χ^2/NDF : 2602.5/29

All: 1.200 ± 0.028 χ^2/NDF : 4304.6/55

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: 22.867 ± 0.080 χ^2/NDF : 45454.7/10

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.185 ± 0.069 χ^2/NDF : 33996.6/8

Left: 19.610 ± 0.052 χ^2/NDF : 82369.7/19

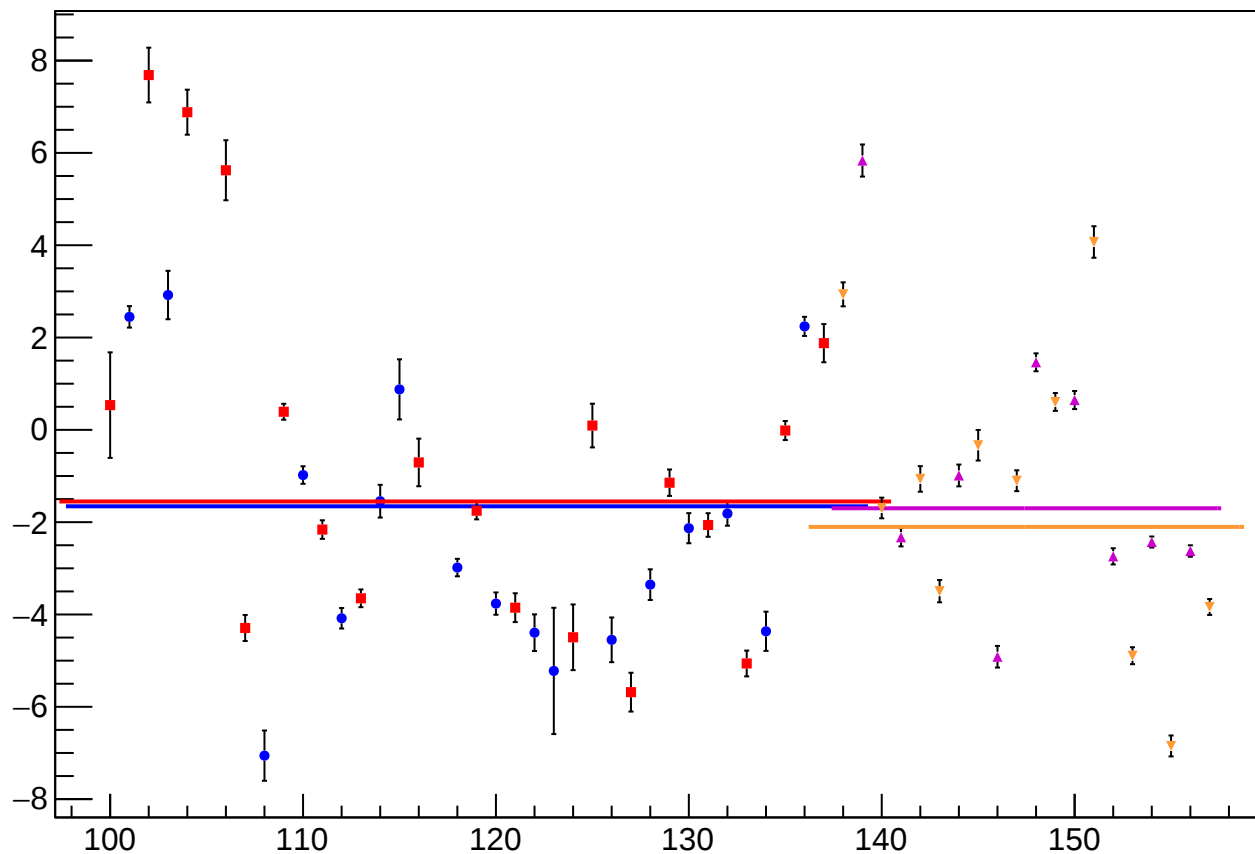
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 11.775 ± 0.058 χ^2/NDF : 56758.9/25

Out: 12.845 ± 0.062 χ^2/NDF : 86576.2/29

All: 12.278 ± 0.043 χ^2/NDF : 143492.8/55

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: -2.102 ± 0.069 χ^2/NDF : 1767.2/10

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.699 ± 0.059 χ^2/NDF : 1215.1/8

Left: -1.869 ± 0.045 χ^2/NDF : 3002.2/19

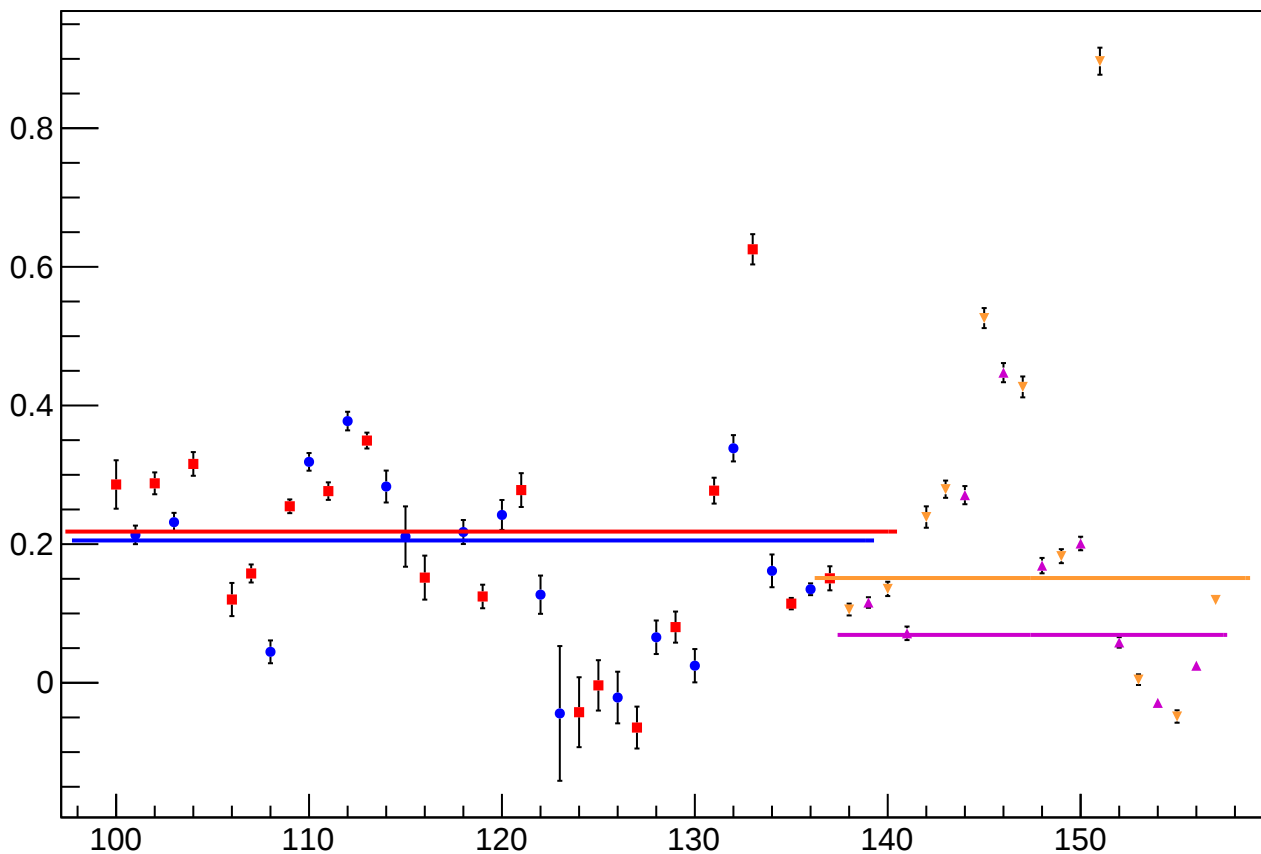
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.681 ± 0.045 χ^2/NDF : 2486.4/25

Out: -1.814 ± 0.047 χ^2/NDF : 3288.9/29

All: -1.744 ± 0.033 χ^2/NDF : 5779.5/55

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.151 ± 0.003 χ^2/NDF : 3527.8/10

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.069 ± 0.003 χ^2/NDF : 1770.0/8

Left: 0.102 ± 0.002 χ^2/NDF : 5732.0/19

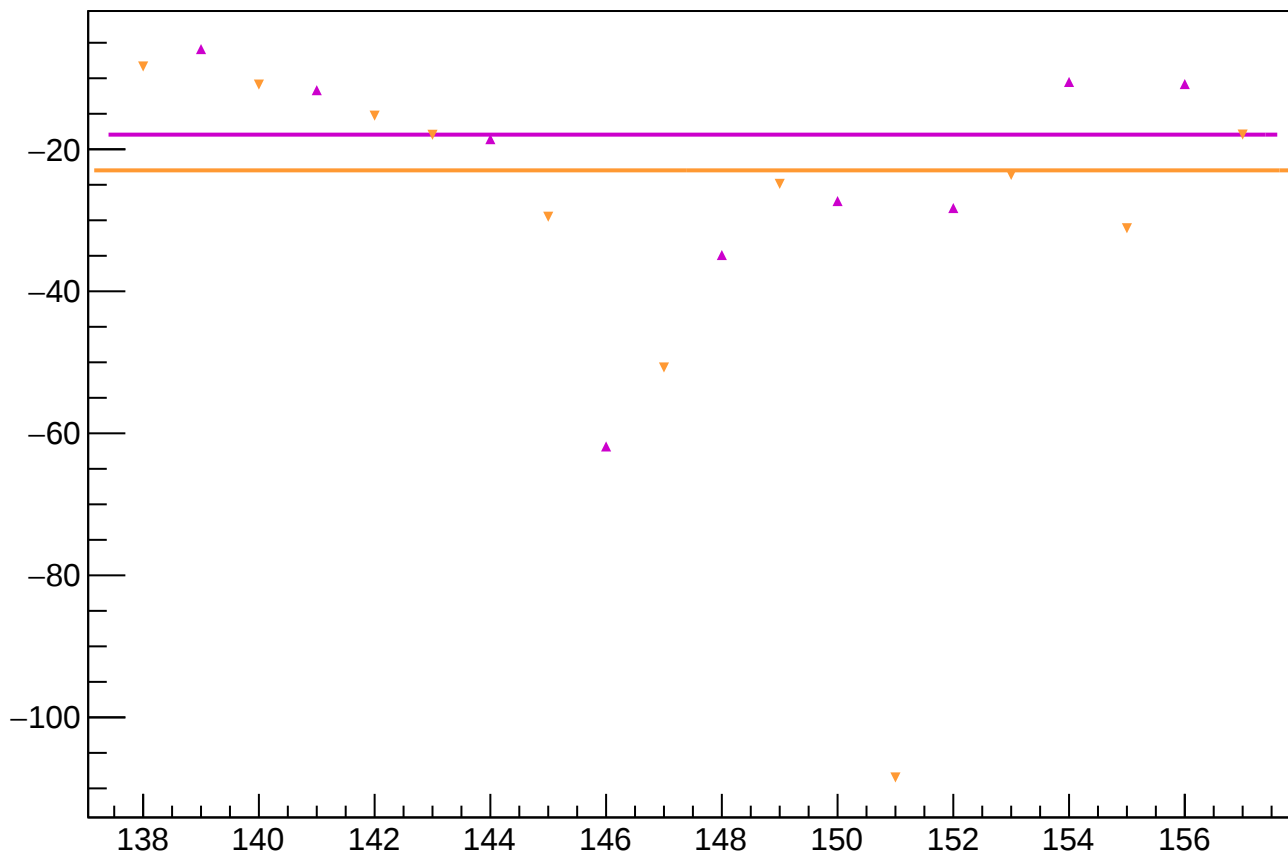
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.106 ± 0.002 χ^2/NDF : 3183.6/25

Out: 0.178 ± 0.002 χ^2/NDF : 4747.5/29

All: 0.139 ± 0.002 χ^2/NDF : 8454.3/55

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: -22.969 ± 0.080 χ^2/NDF : 50235.2/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -17.939 ± 0.071 χ^2/NDF : 35975.7/8

Left: -20.140 ± 0.053 χ^2/NDF : 88429.7/19

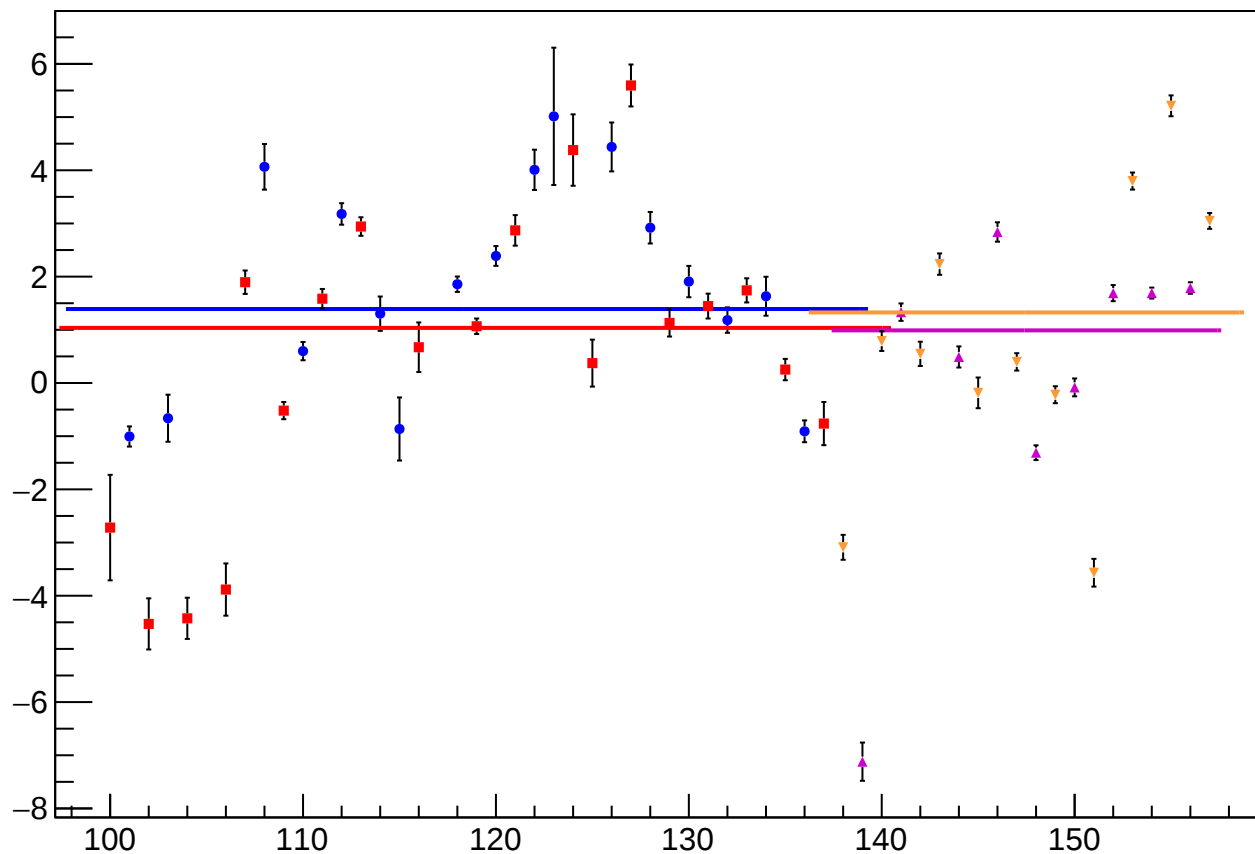
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -17.939 ± 0.071 χ^2/NDF : 35975.7/8

Out: -22.969 ± 0.080 χ^2/NDF : 50235.2/10

All: -20.140 ± 0.053 χ^2/NDF : 88429.7/19

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: 1.327 ± 0.057 χ^2/NDF : 1663.8/10

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.989 ± 0.049 χ^2/NDF : 1060.6/8

Left: 1.133 ± 0.037 χ^2/NDF : 2744.3/19

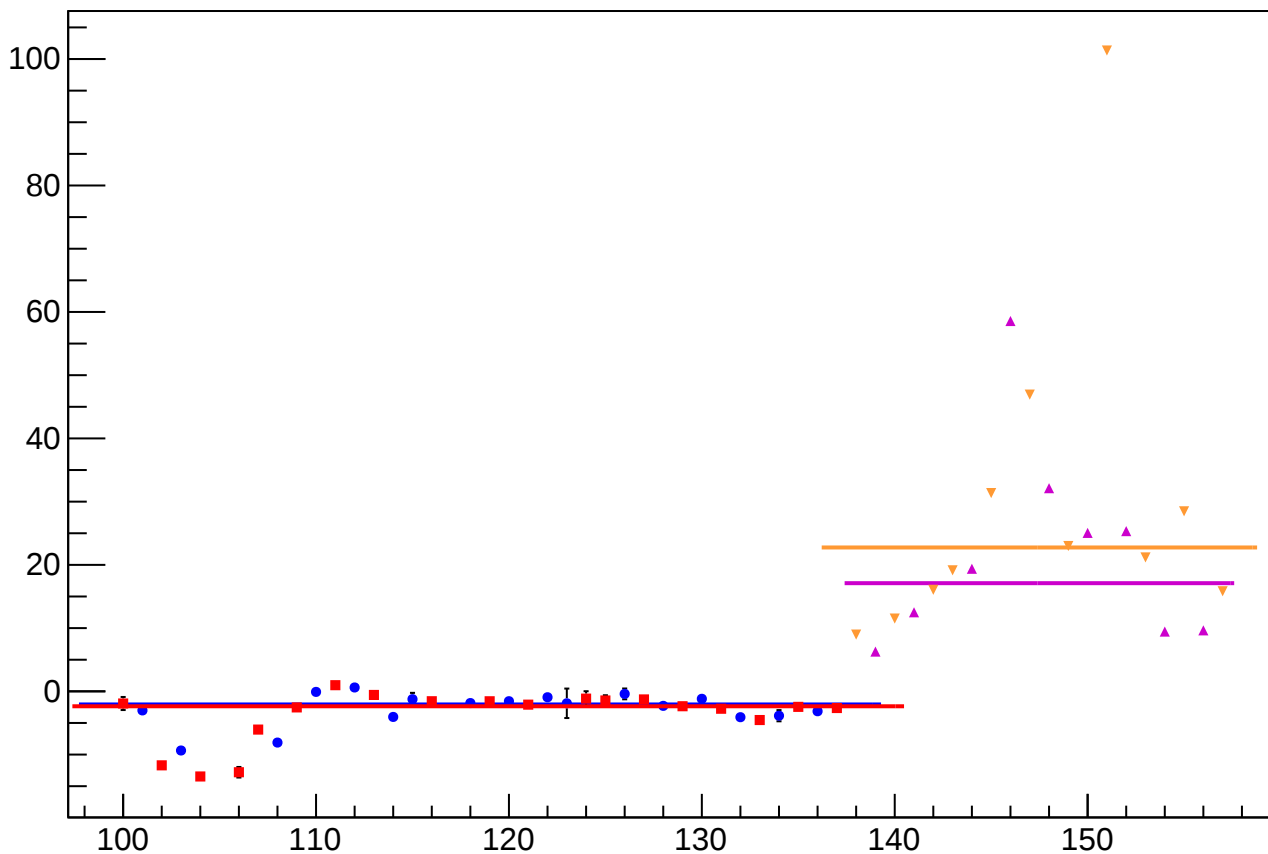
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.148 ± 0.038 χ^2/NDF : 1716.0/25

Out: 1.183 ± 0.041 χ^2/NDF : 2610.7/29

All: 1.165 ± 0.028 χ^2/NDF : 4327.1/55

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.752 ± 0.079 χ^2/NDF : 45370.5/10

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.106 ± 0.068 χ^2/NDF : 33932.2/8

Left: 19.516 ± 0.052 χ^2/NDF : 82220.6/19

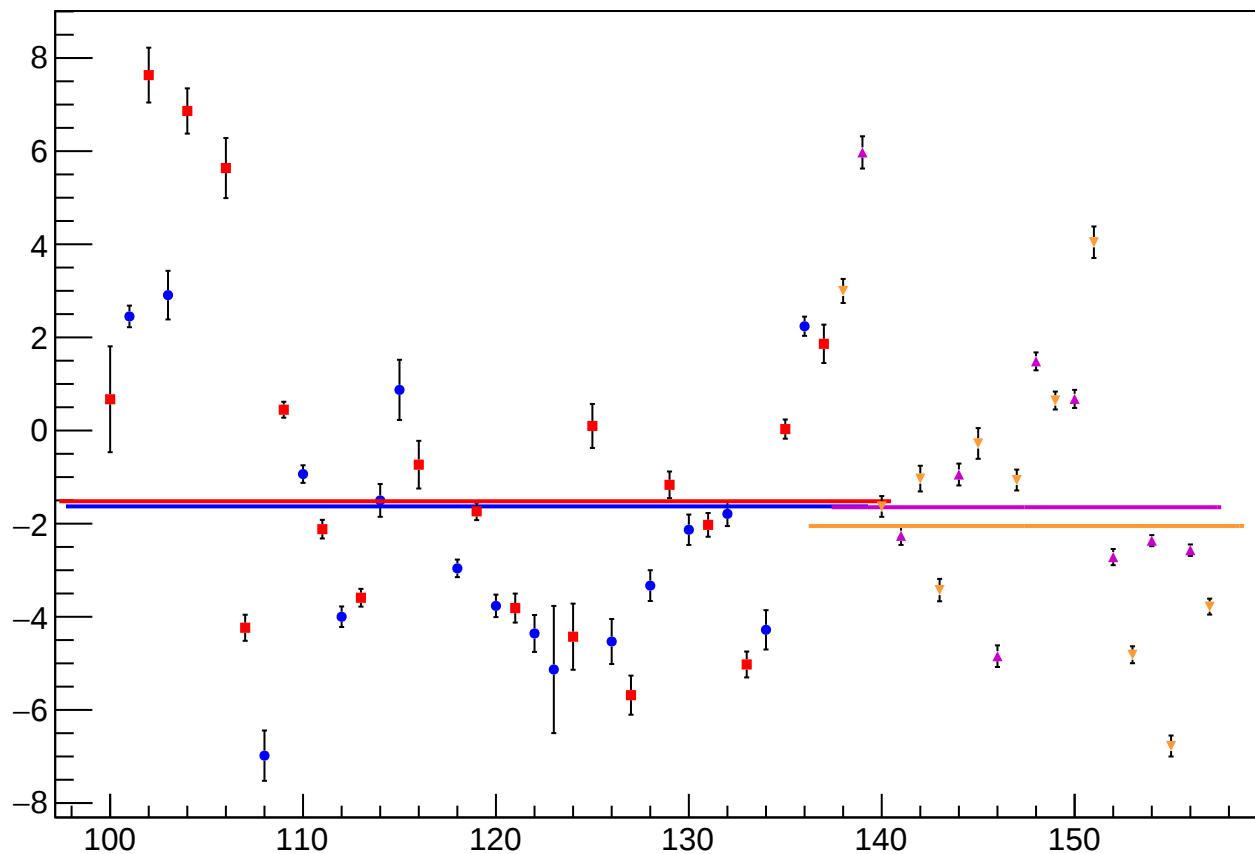
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 11.790 ± 0.058 χ^2/NDF : 56241.6/25

Out: 12.877 ± 0.062 χ^2/NDF : 85874.4/29

All: 12.301 ± 0.042 χ^2/NDF : 142280.5/55

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.051 ± 0.068 χ^2/NDF : 1772.9/10

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -1.647 ± 0.058 χ^2/NDF : 1230.9/8

Left: -1.817 ± 0.044 χ^2/NDF : 3024.1/19

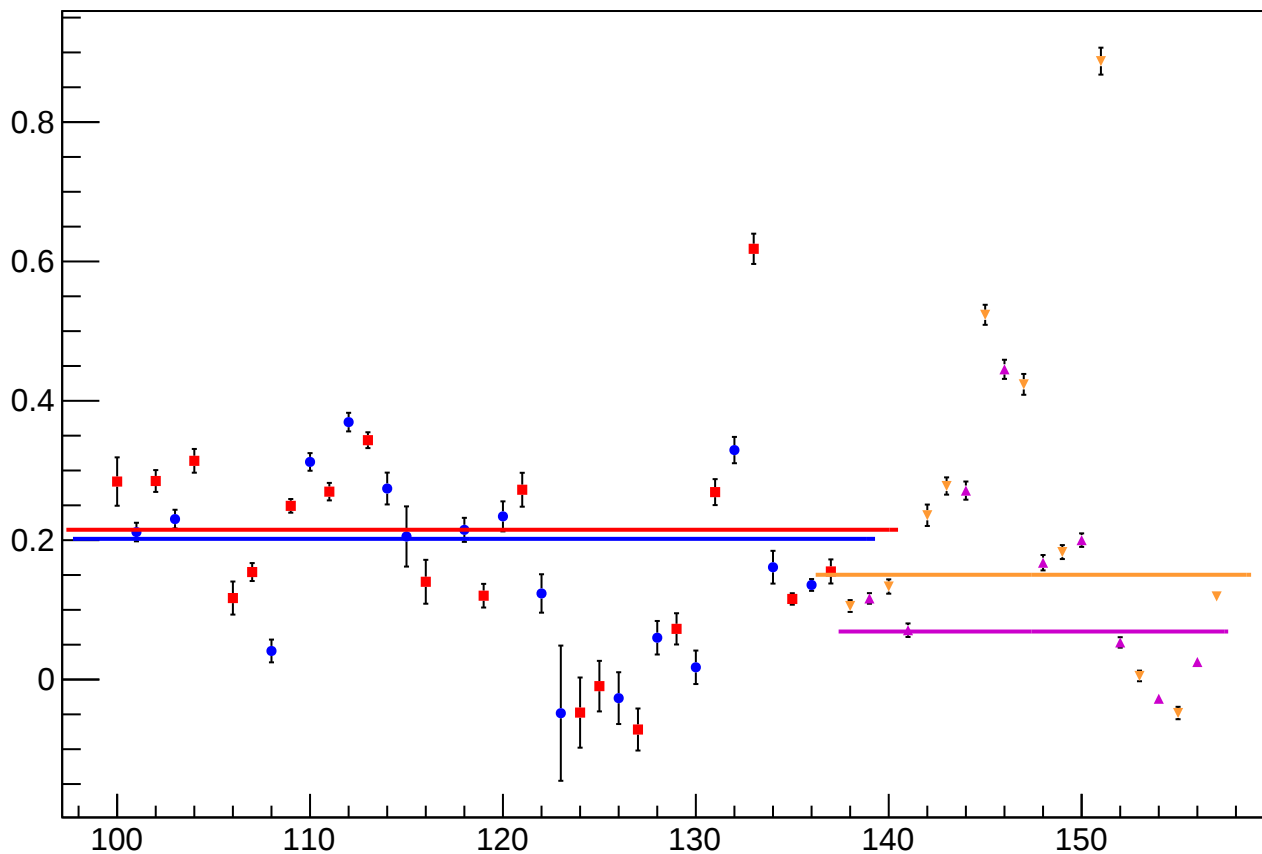
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.640 ± 0.045 χ^2/NDF : 2497.3/25

Out: -1.773 ± 0.047 χ^2/NDF : 3296.5/29

All: -1.703 ± 0.032 χ^2/NDF : 5798.1/55

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.150 ± 0.003 $\chi^2/\text{NDF}: 3518.0/10$

Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1005.6/18$

Left In: 0.069 ± 0.002 $\chi^2/\text{NDF}: 1771.2/8$

Left: 0.102 ± 0.002 $\chi^2/\text{NDF}: 5722.4/19$

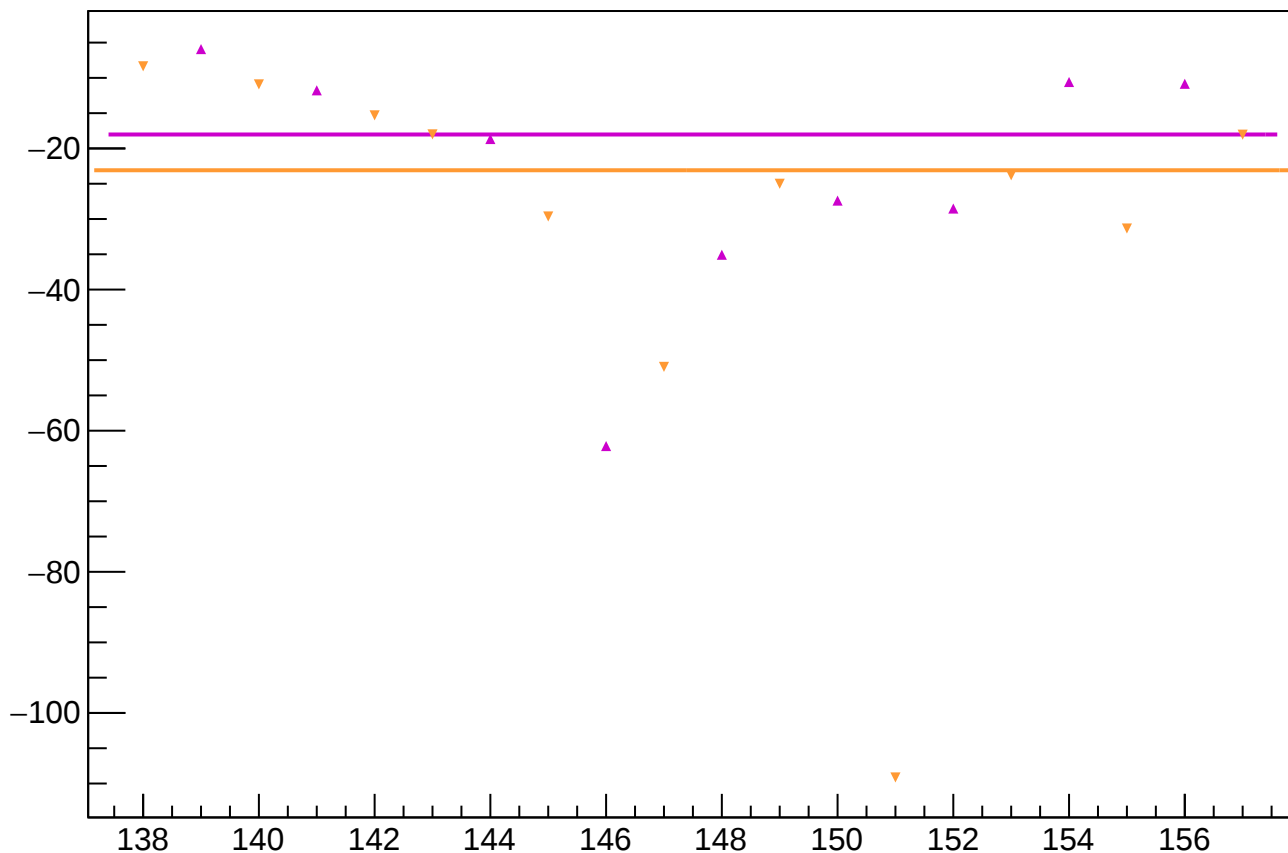
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1615.8/35$

In: 0.104 ± 0.002 $\chi^2/\text{NDF}: 3139.8/25$

Out: 0.176 ± 0.002 $\chi^2/\text{NDF}: 4708.4/29$

All: 0.137 ± 0.002 $\chi^2/\text{NDF}: 8367.6/55$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.092+/-0.080 χ^2/NDF :50347.1/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.023+/-0.071 χ^2/NDF :36067.5/8

Left: -20.239+/-0.053 χ^2/NDF : 88648.5/19

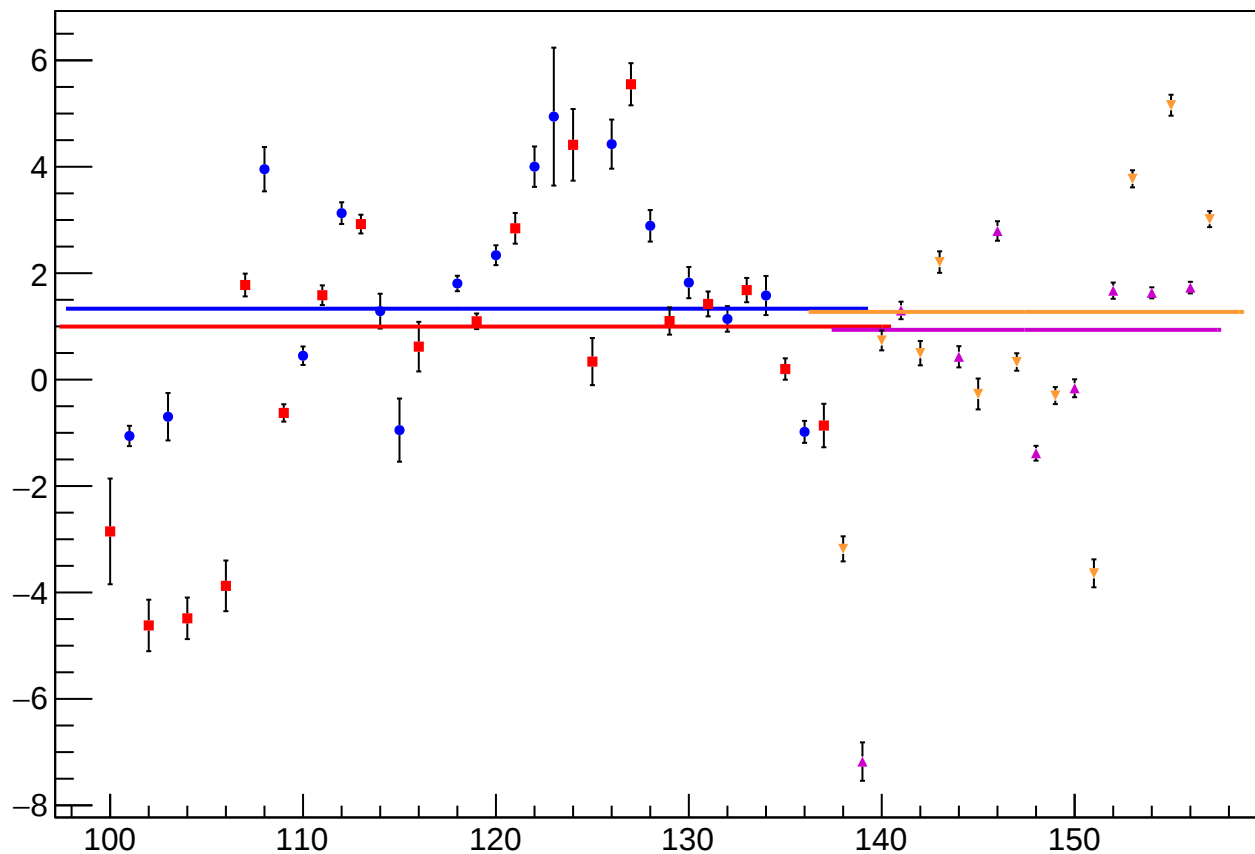
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.023+/-0.071 χ^2/NDF :36067.5/8

Out: -23.092+/-0.080 χ^2/NDF :50347.1/10

All: -20.239+/-0.053 χ^2/NDF : 88648.5/19

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: 1.273 ± 0.058 χ^2/NDF : 1671.3/10

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.936 ± 0.050 χ^2/NDF : 1060.8/8

Left: 1.079 ± 0.038 χ^2/NDF : 2751.8/19

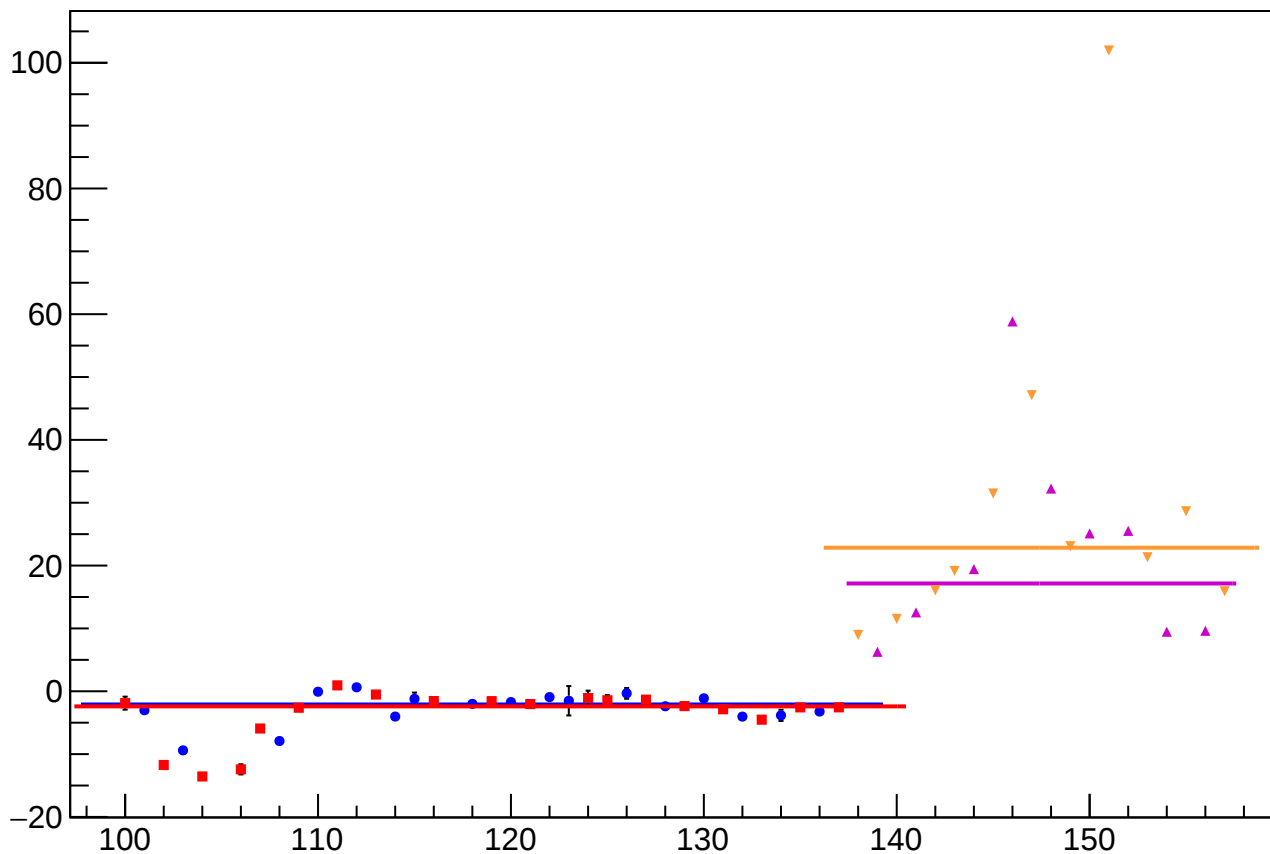
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.093 ± 0.038 χ^2/NDF : 1720.8/25

Out: 1.136 ± 0.041 χ^2/NDF : 2628.0/29

All: 1.113 ± 0.028 χ^2/NDF : 4349.4/55

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 22.842 ± 0.079 $\chi^2/\text{NDF}: 45461.9/10$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 17.149 ± 0.069 $\chi^2/\text{NDF}: 34032.0/8$

Left: 19.578 ± 0.052 $\chi^2/\text{NDF}: 82435.3/19$

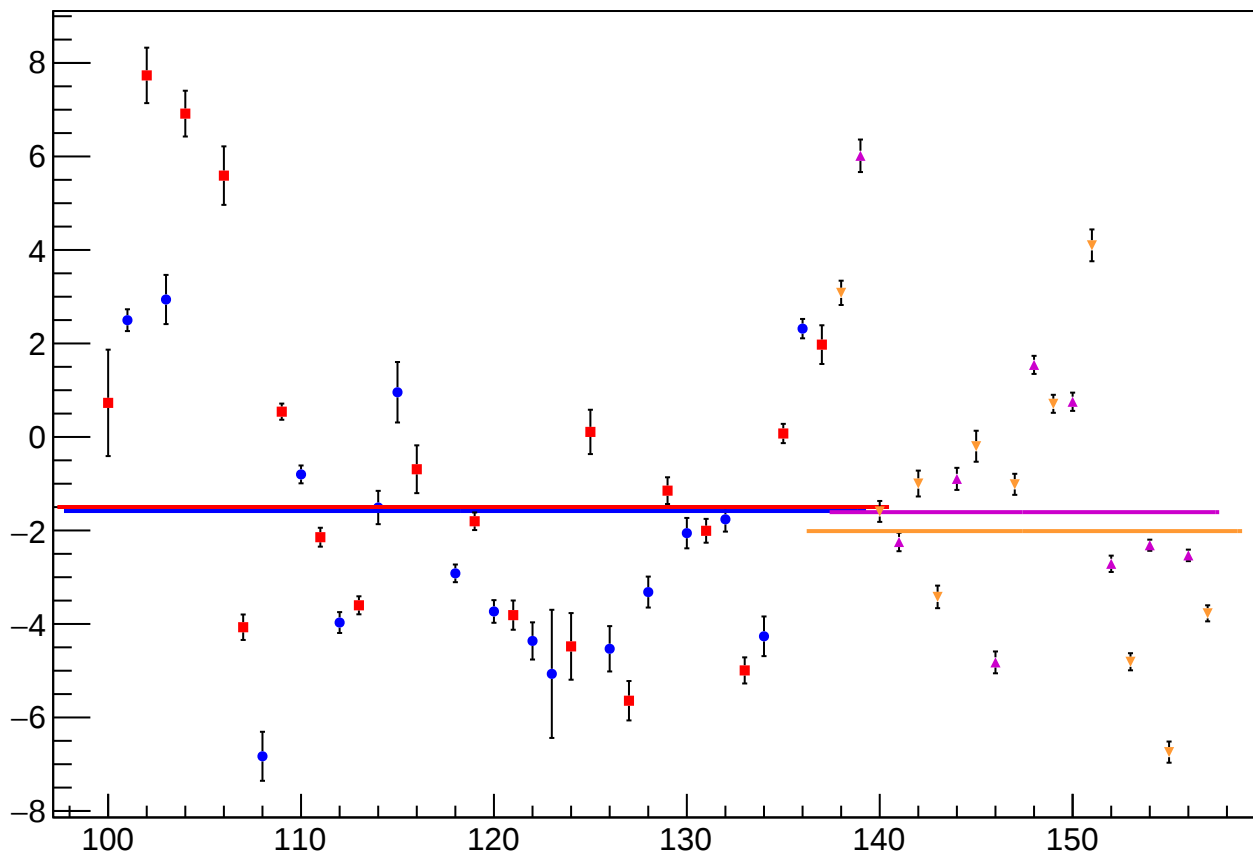
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 11.825 ± 0.058 $\chi^2/\text{NDF}: 56286.3/25$

Out: 12.919 ± 0.062 $\chi^2/\text{NDF}: 86001.6/29$

All: 12.339 ± 0.042 $\chi^2/\text{NDF}: 142453.4/55$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.014 ± 0.069 χ^2/NDF : 1781.7/10

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.608 ± 0.059 χ^2/NDF : 1232.0/8

Left: -1.779 ± 0.045 χ^2/NDF : 3033.9/19

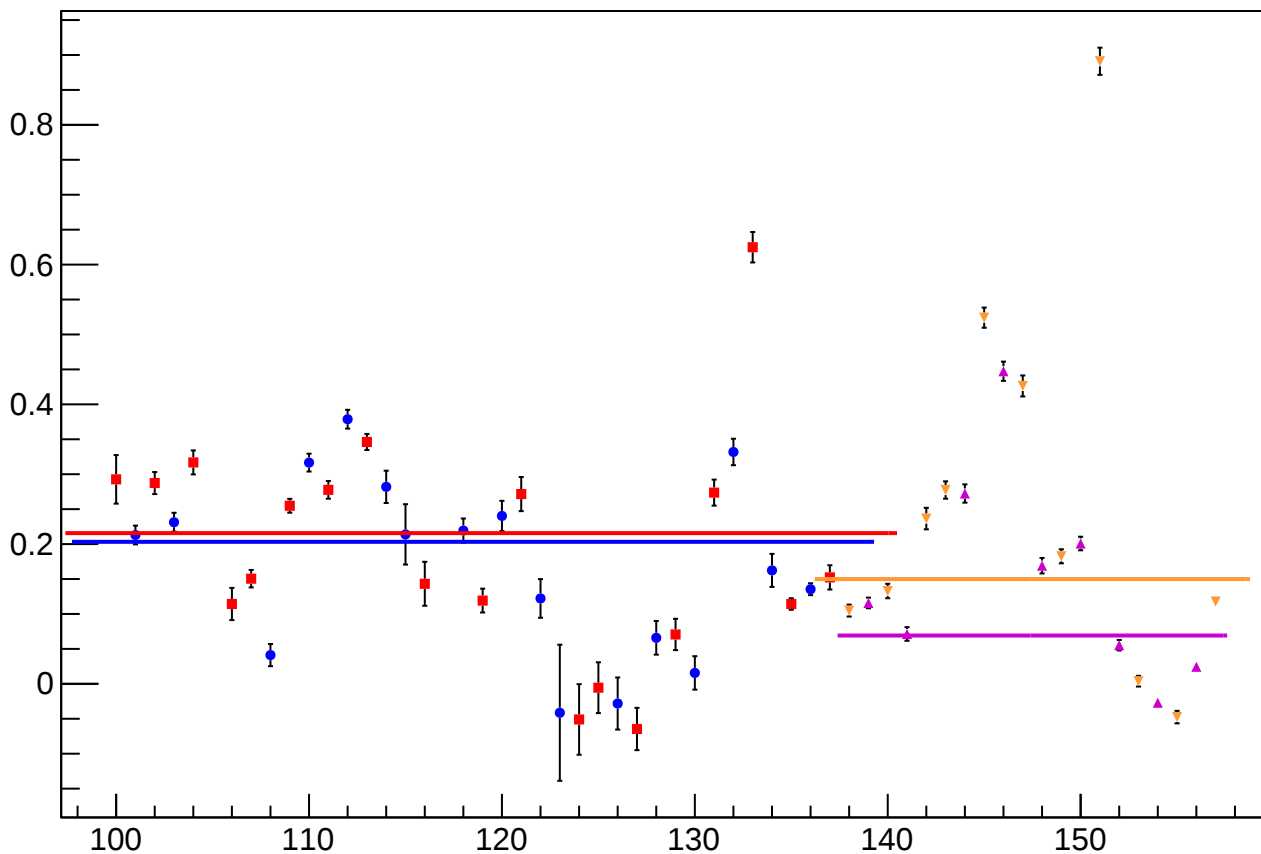
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.598 ± 0.045 χ^2/NDF : 2504.2/25

Out: -1.744 ± 0.047 χ^2/NDF : 3314.9/29

All: -1.668 ± 0.033 χ^2/NDF : 5824.1/55

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: 0.150 ± 0.003 χ^2/NDF : 3512.9/10

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.069 ± 0.002 χ^2/NDF : 1770.0/8

Left: 0.102 ± 0.002 χ^2/NDF : 5705.7/19

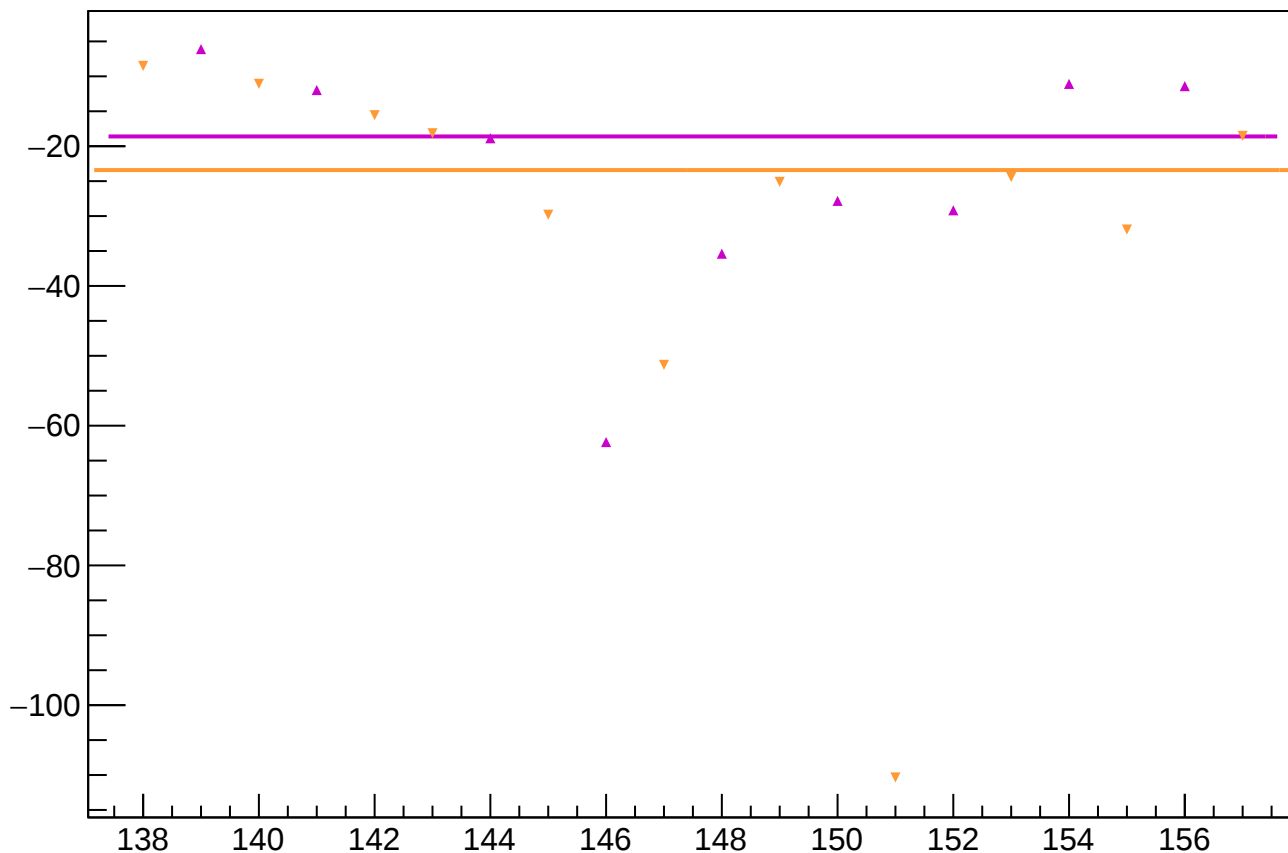
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.105 ± 0.002 χ^2/NDF : 3173.9/25

Out: 0.177 ± 0.002 χ^2/NDF : 4740.9/29

All: 0.138 ± 0.002 χ^2/NDF : 8424.8/55

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.417+/-0.082 χ^2/NDF :50200.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.604+/-0.073 χ^2/NDF :35080.8/8

Left: -20.733+/-0.054 χ^2/NDF : 87223.6/19

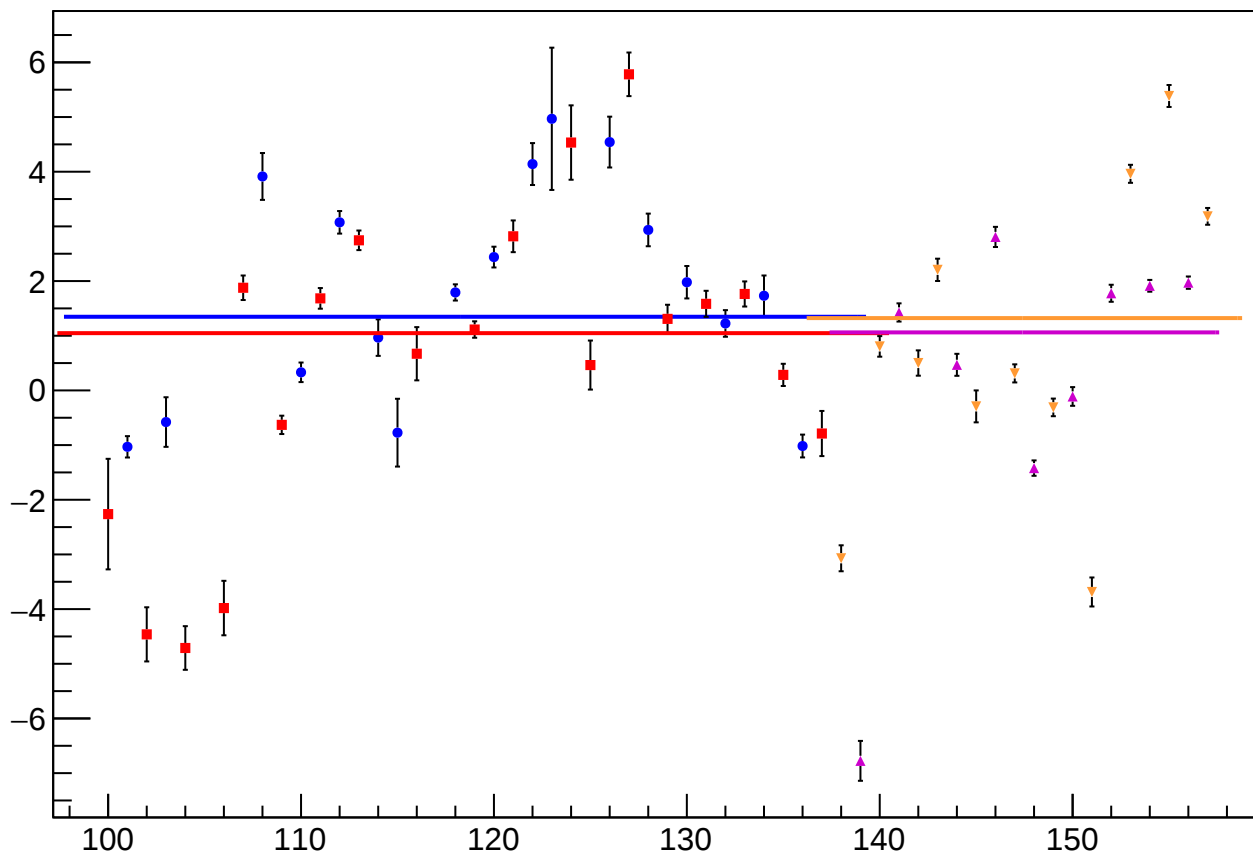
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.604+/-0.073 χ^2/NDF :35080.8/8

Out: -23.417+/-0.082 χ^2/NDF :50200.3/10

All: -20.733+/-0.054 χ^2/NDF : 87223.6/19

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: 1.323 ± 0.058 χ^2/NDF : 1719.9/10

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.061 ± 0.051 χ^2/NDF : 1071.3/8

Left: 1.174 ± 0.038 χ^2/NDF : 2802.6/19

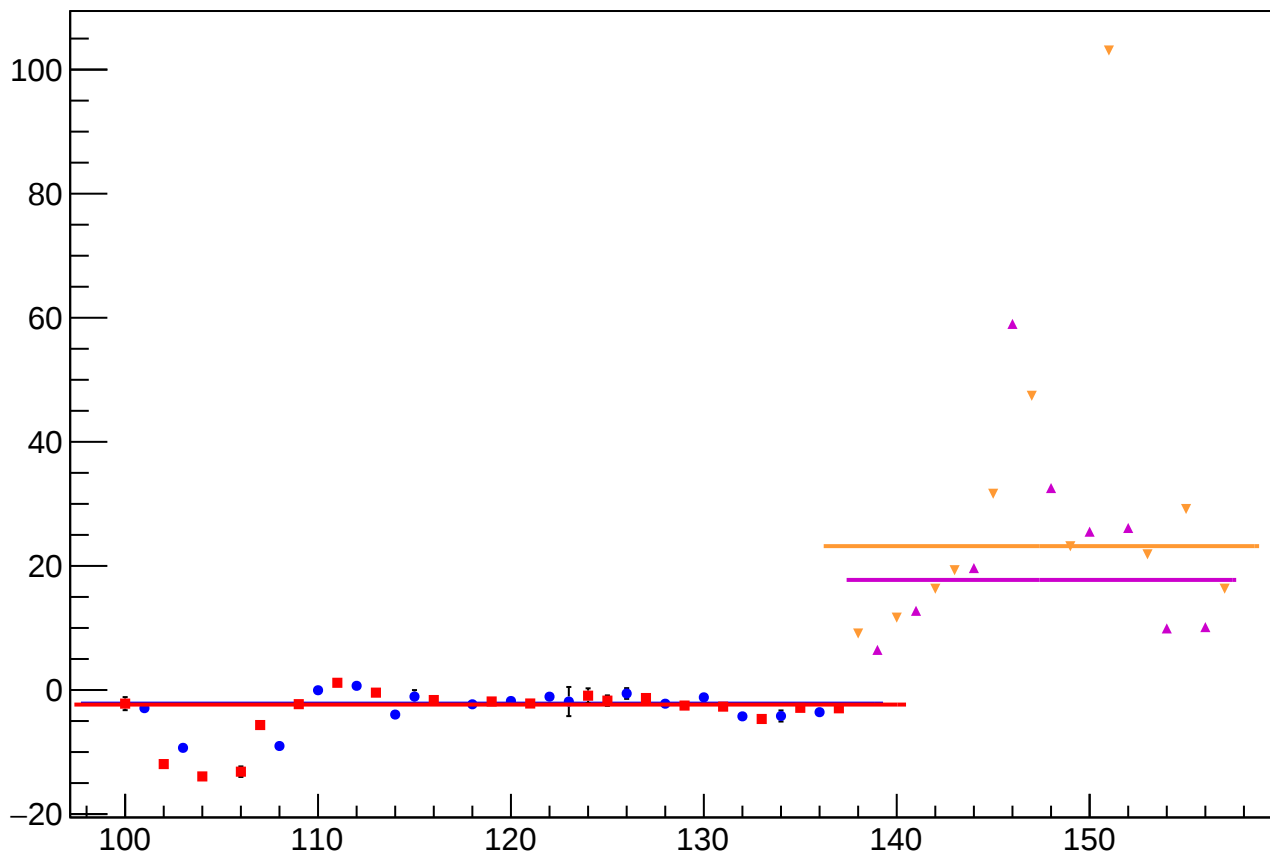
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.175 ± 0.039 χ^2/NDF : 1714.1/25

Out: 1.187 ± 0.042 χ^2/NDF : 2646.9/29

All: 1.181 ± 0.029 χ^2/NDF : 4361.0/55

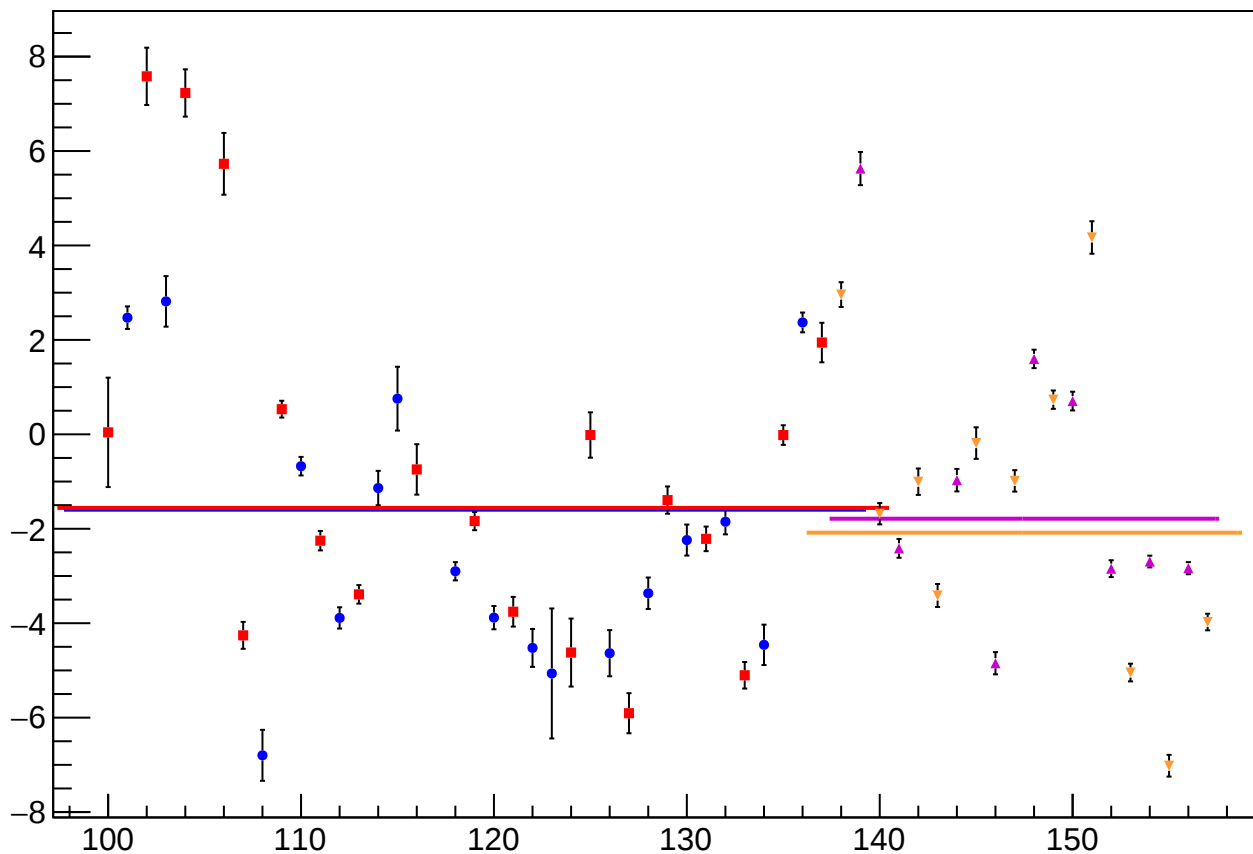
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 23.189 ± 0.081 $\chi^2/\text{NDF}: 45240.4/10$
 Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$
 Left In: 17.744 ± 0.070 $\chi^2/\text{NDF}: 32944.4/8$

Left: 20.096 ± 0.053 $\chi^2/\text{NDF}: 80775.1/19$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$
 In: 12.170 ± 0.060 $\chi^2/\text{NDF}: 55896.2/25$
 Out: 13.232 ± 0.063 $\chi^2/\text{NDF}: 85251.3/29$
 All: 12.672 ± 0.043 $\chi^2/\text{NDF}: 141297.2/55$

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: -2.082 ± 0.070 χ^2/NDF : 1837.4/10

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -1.787 ± 0.060 χ^2/NDF : 1249.5/8

Left: -1.913 ± 0.045 χ^2/NDF : 3097.2/19

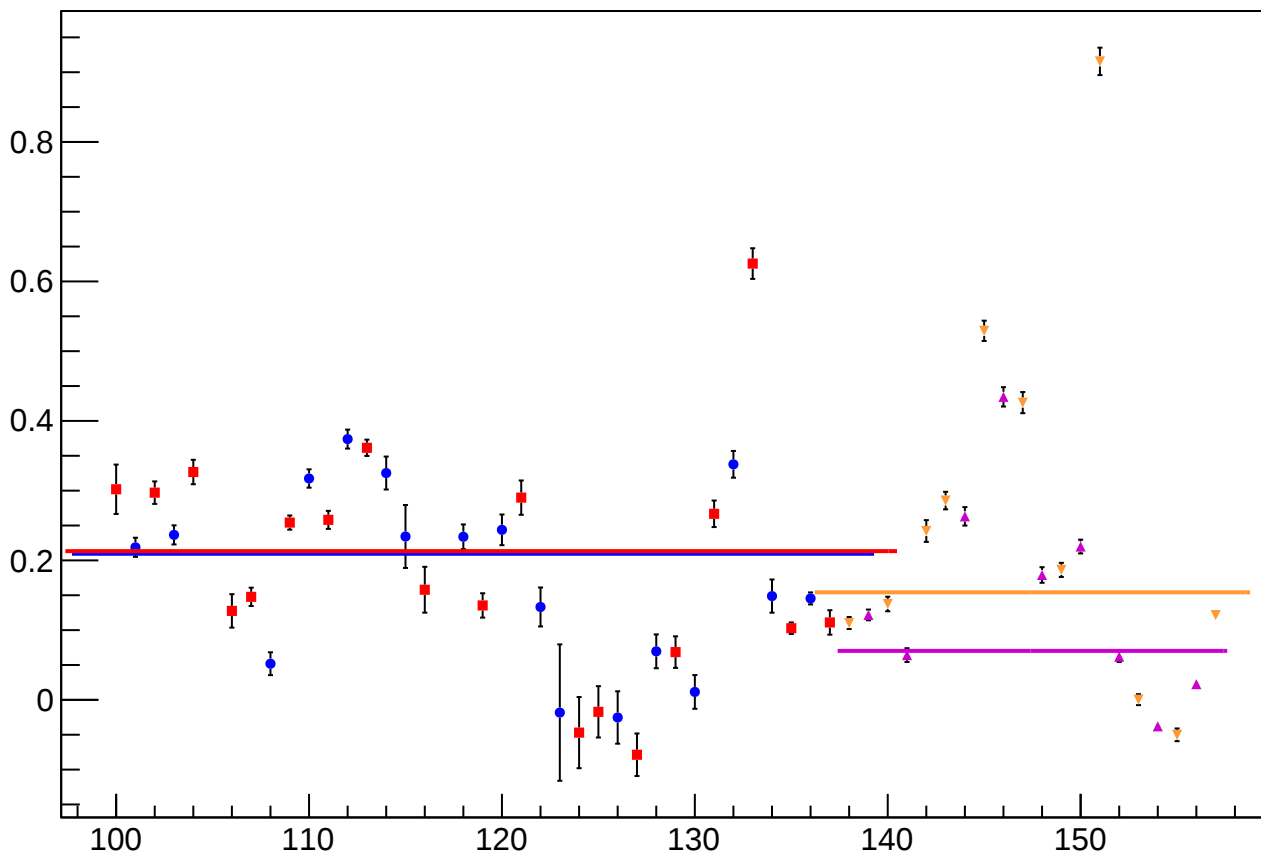
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.708 ± 0.046 χ^2/NDF : 2509.1/25

Out: -1.810 ± 0.048 χ^2/NDF : 3330.7/29

All: -1.757 ± 0.033 χ^2/NDF : 5842.1/55

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.154 $\pm$ 0.003 χ^2 /NDF:3575.3/10

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.070 $\pm$ 0.003 χ^2 /NDF:1810.2/8

Left: 0.105 $\pm$ 0.002 χ^2 /NDF: 5823.8/19

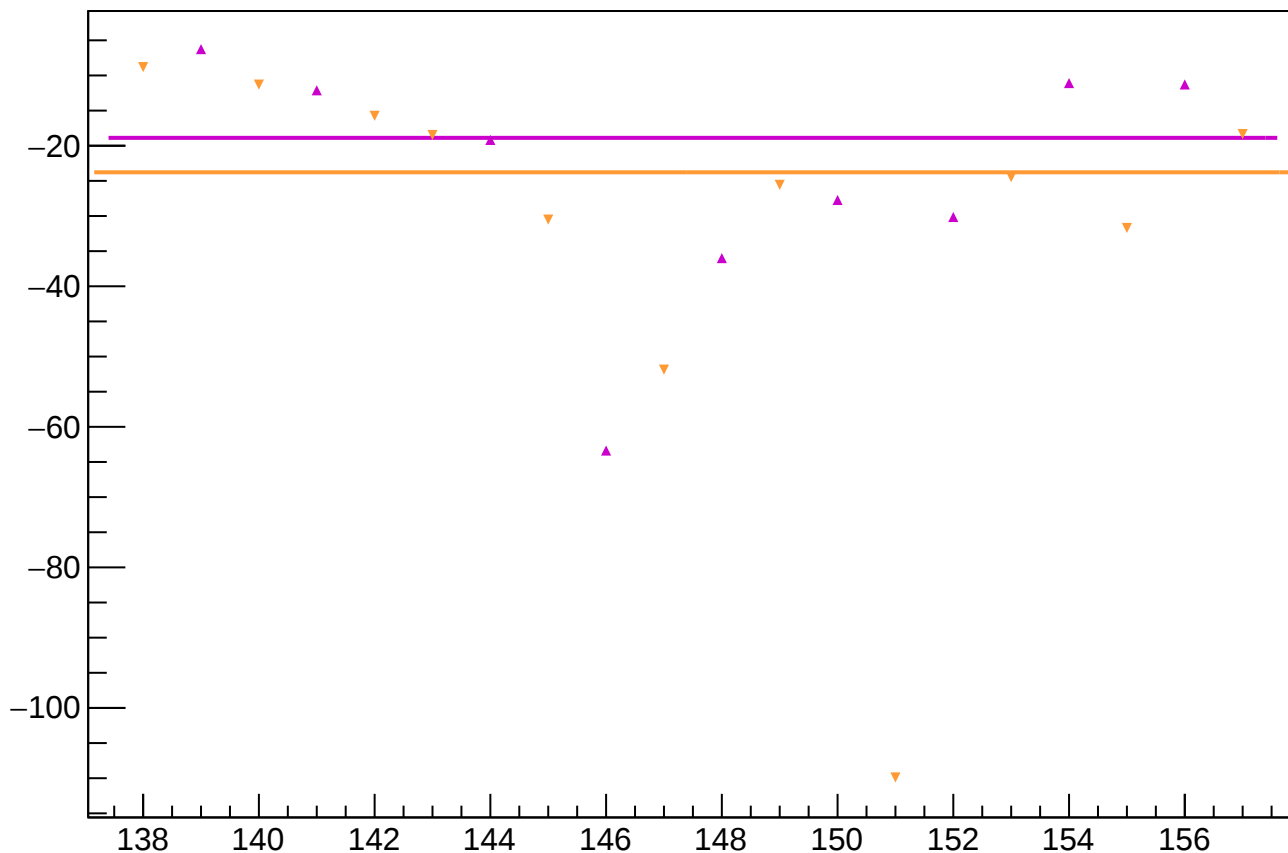
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.108 $\pm$ 0.002 χ^2 /NDF:3206.9/25

Out: 0.178 $\pm$ 0.002 χ^2 /NDF:4826.4/29

All: 0.140 $\pm$ 0.002 χ^2 /NDF: 8500.7/55

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.779+/-0.083 χ^2/NDF :49495.6/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.877+/-0.074 χ^2/NDF :35361.0/8

Left: -21.054+/-0.055 χ^2/NDF : 86810.1/19

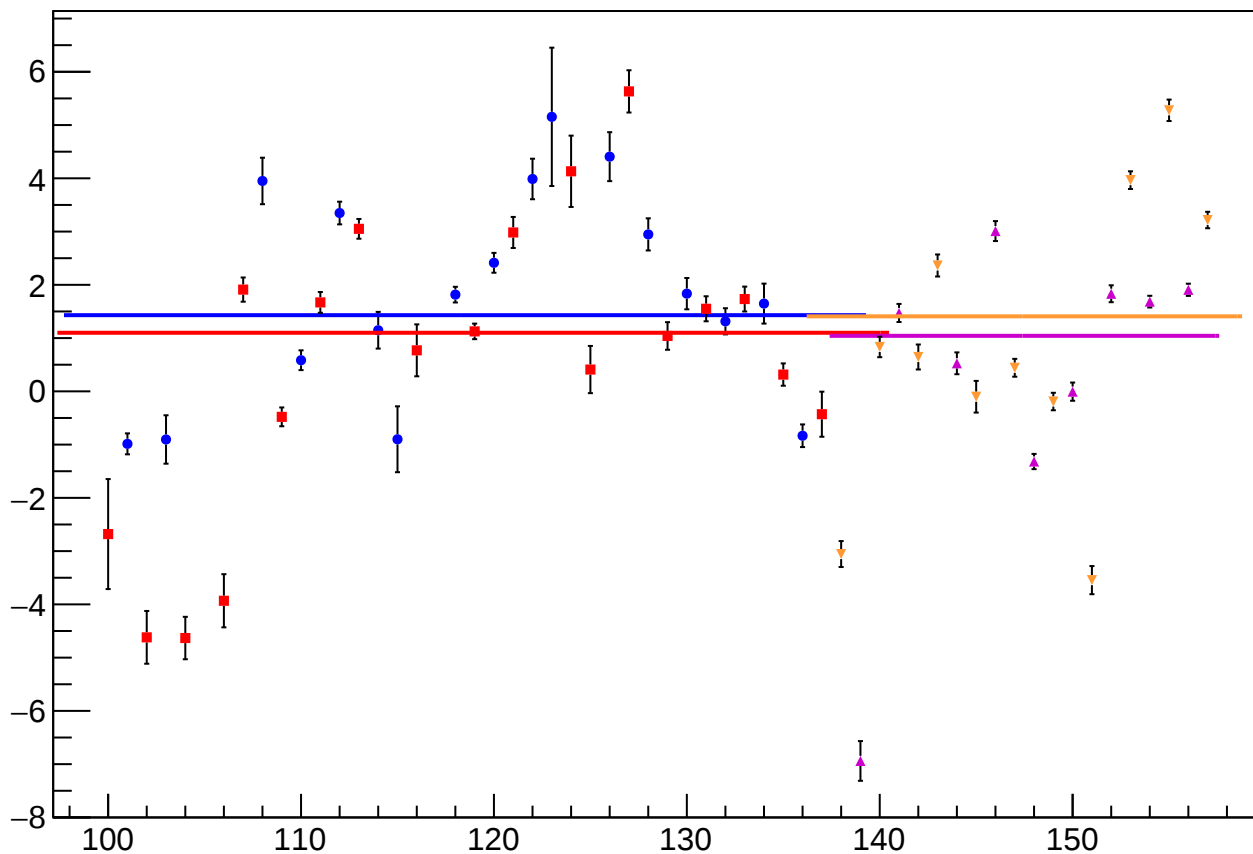
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.877+/-0.074 χ^2/NDF :35361.0/8

Out: -23.779+/-0.083 χ^2/NDF :49495.6/10

All: -21.054+/-0.055 χ^2/NDF : 86810.1/19

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 1.408 $\pm$ 0.059 χ^2 /NDF:1626.0/10

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 1.043 $\pm$ 0.052 χ^2 /NDF:1006.4/8

Left: 1.201 $\pm$ 0.039 χ^2 /NDF: 2654.2/19

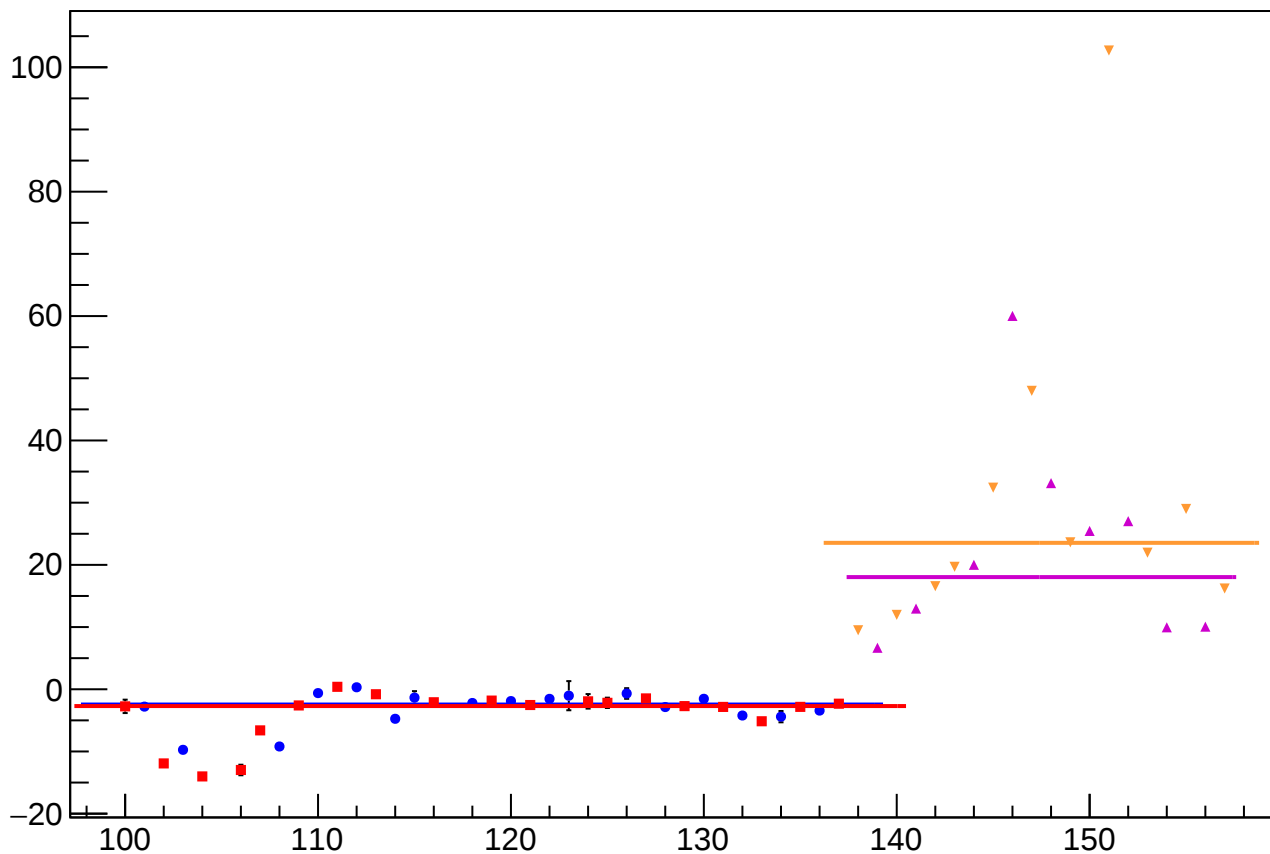
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.199 $\pm$ 0.040 χ^2 /NDF:1627.2/25

Out: 1.256 $\pm$ 0.042 χ^2 /NDF:2540.5/29

All: 1.226 $\pm$ 0.029 χ^2 /NDF: 4168.7/55

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 23.543 ± 0.082 χ^2/NDF : 44710.7/10

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.035 ± 0.072 χ^2/NDF : 33234.6/8

Left: 20.425 ± 0.054 χ^2/NDF : 80519.2/19

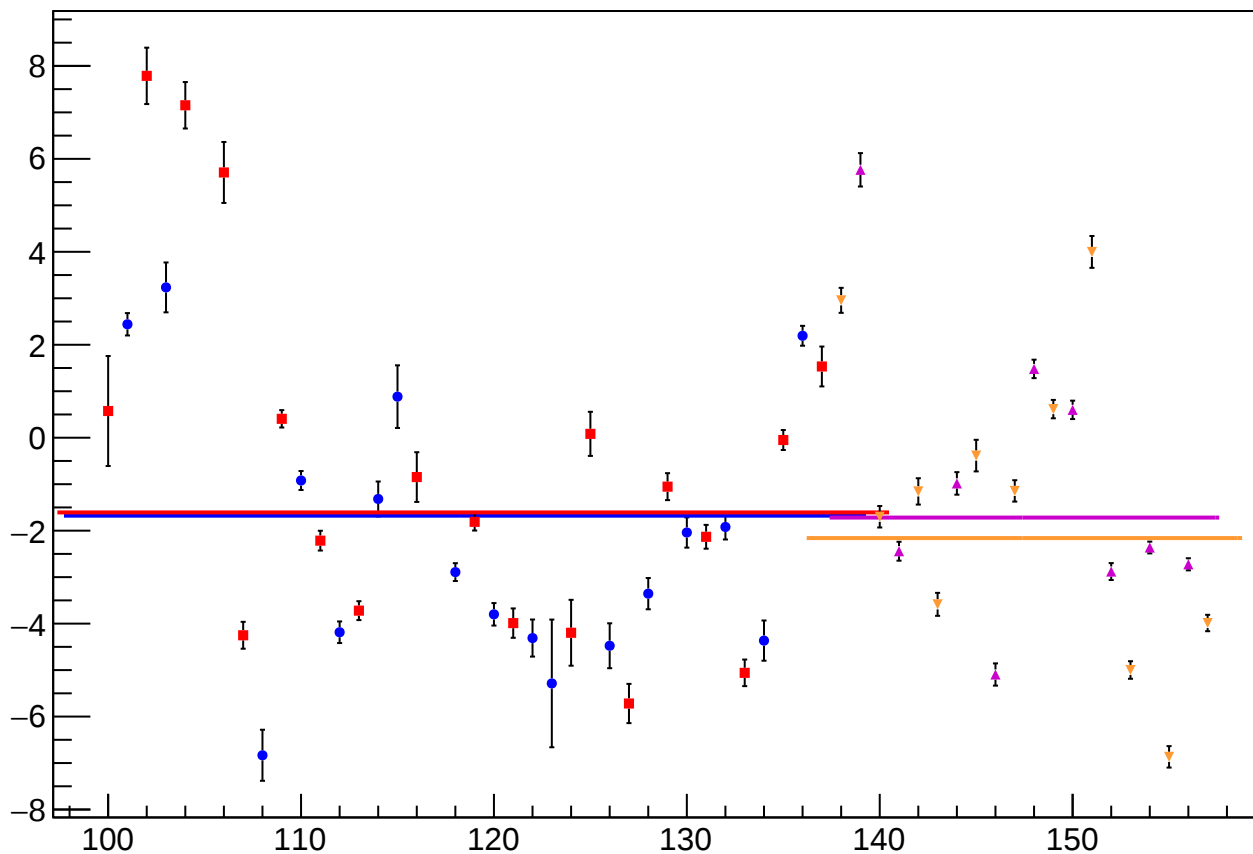
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 12.289 ± 0.061 χ^2/NDF : 56675.1/25

Out: 13.421 ± 0.064 χ^2/NDF : 85351.6/29

All: 12.824 ± 0.044 χ^2/NDF : 142191.6/55

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -2.160 ± 0.070 $\chi^2/\text{NDF}: 1725.9/10$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -1.718 ± 0.061 $\chi^2/\text{NDF}: 1177.3/8$

Left: -1.908 ± 0.046 $\chi^2/\text{NDF}: 2925.6/19$

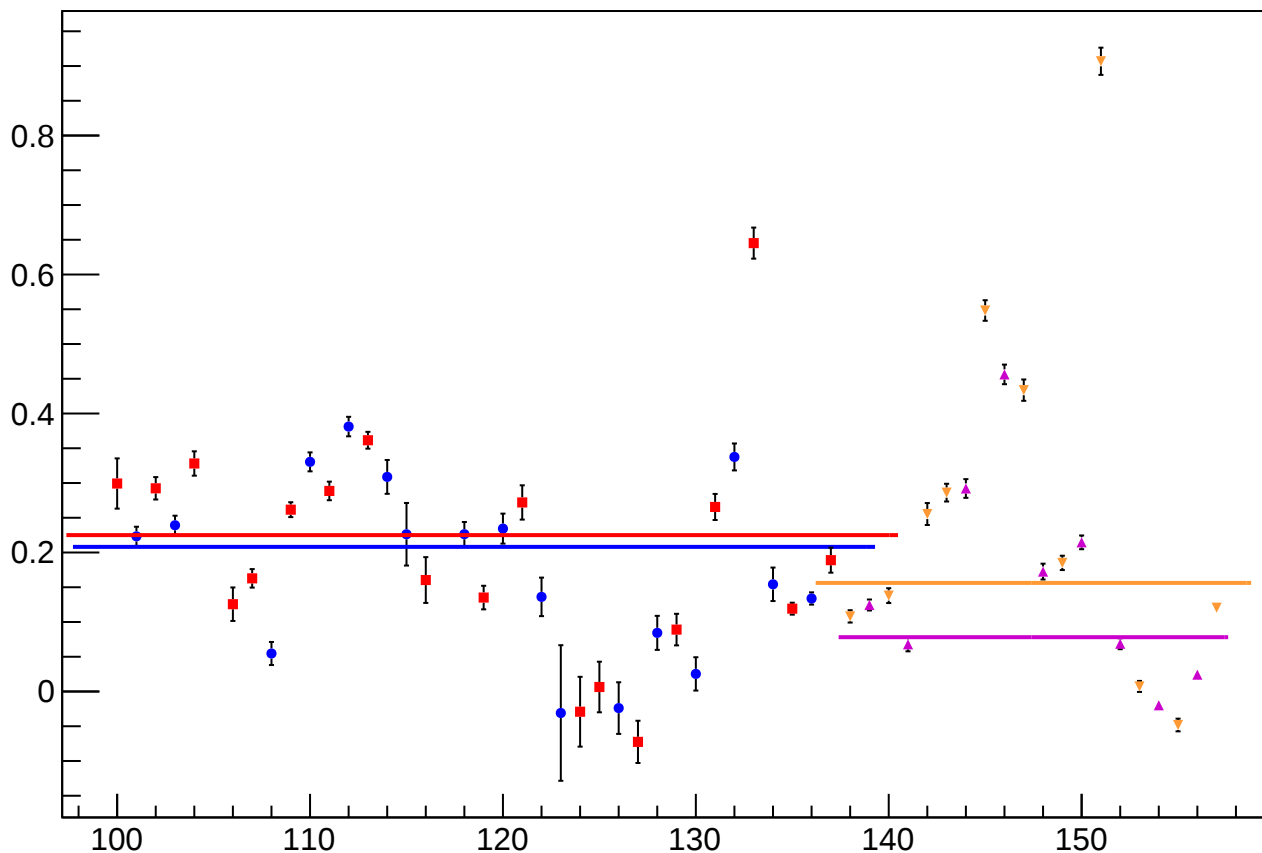
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.701 ± 0.047 $\chi^2/\text{NDF}: 2382.2/25$

Out: -1.874 ± 0.049 $\chi^2/\text{NDF}: 3188.6/29$

All: -1.783 ± 0.034 $\chi^2/\text{NDF}: 5577.3/55$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.156 $\pm$ 0.003 χ^2 /NDF:3564.8/10

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.078 $\pm$ 0.003 χ^2 /NDF:1733.2/8

Left: 0.110 $\pm$ 0.002 χ^2 /NDF: 5666.5/19

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.114 $\pm$ 0.002 χ^2 /NDF:3009.1/25

Out: 0.184 $\pm$ 0.002 χ^2 /NDF:4758.7/29

All: 0.146 $\pm$ 0.002 χ^2 /NDF: 8221.3/55