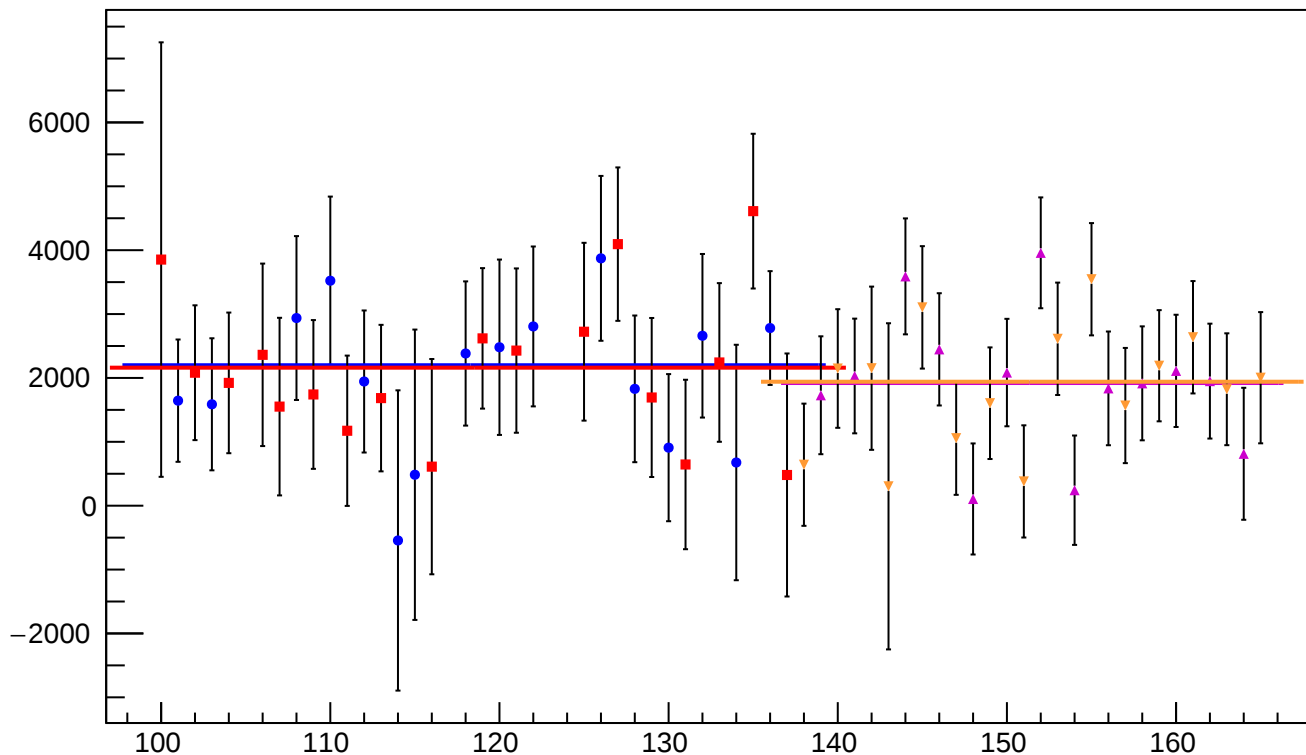


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1940.772+/-244.953

Right Out: 2160.742+/-303.587

Left In: 1920.559+/-247.381

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/14

χ^2/NDF : 11.7/17

χ^2/NDF : 18.8/12

Left: 1930.765+/-174.060

Right: 2179.612+/-215.784

In: 2030.232+/-192.568

Out: 2027.509+/-190.636

All: 2028.857+/-135.478

χ^2/NDF : 31.7/27

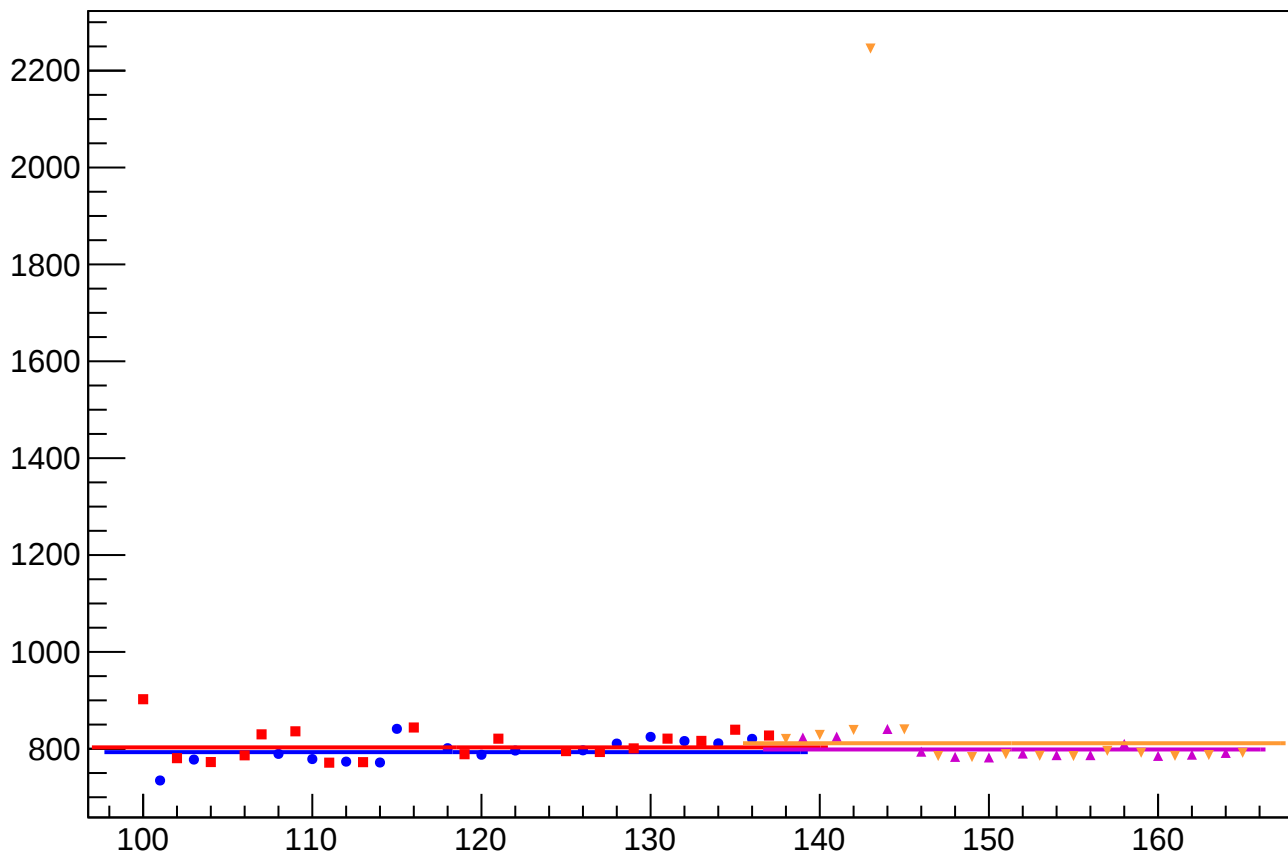
χ^2/NDF : 20.3/33

χ^2/NDF : 27.9/28

χ^2/NDF : 24.9/32

χ^2/NDF : 52.8/61

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 811.477+/-0.173 χ^2/NDF : 649115.3/14

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

Left In: 798.593+/-0.175 χ^2/NDF : 11017.6/12

Left: 805.099+/-0.123 χ^2/NDF : 662872.2/27

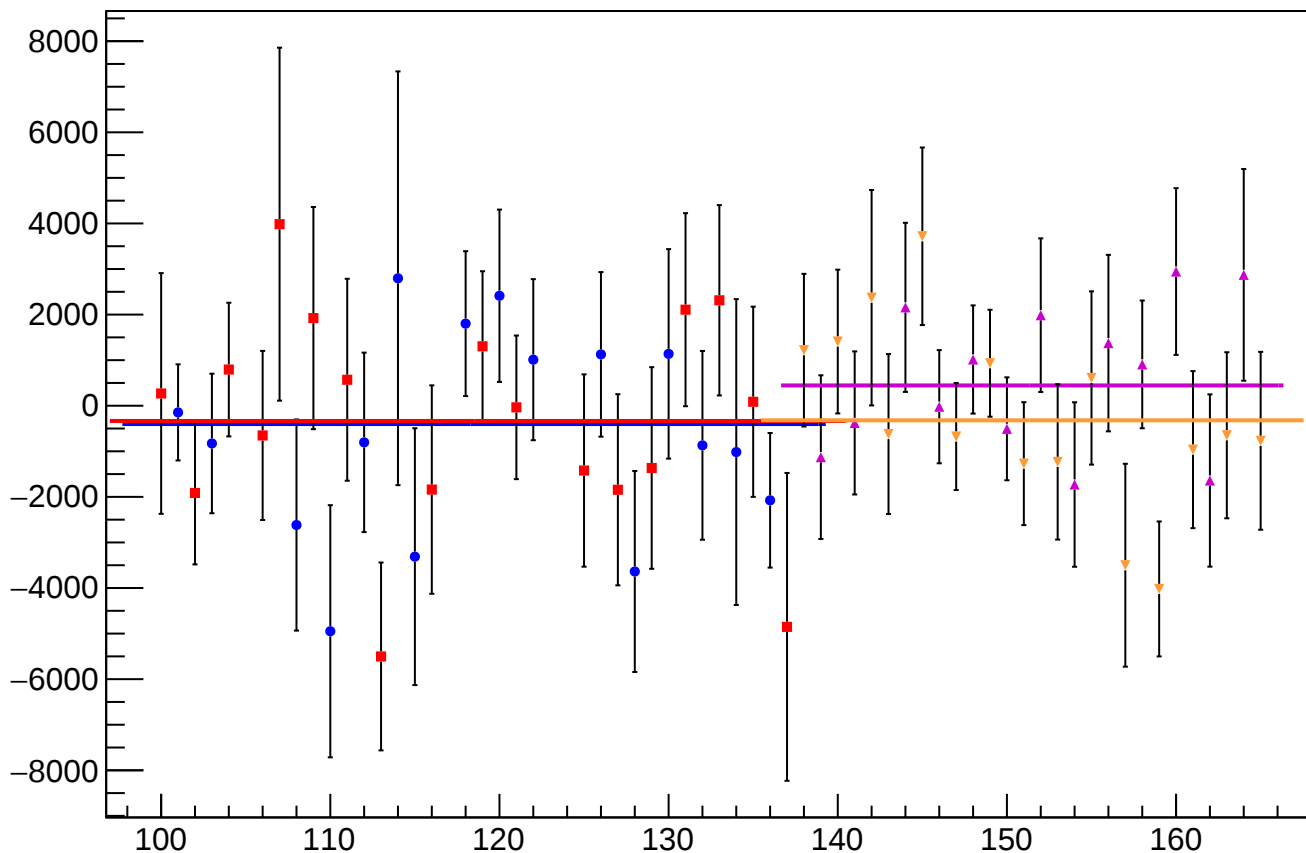
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 796.425+/-0.136 χ^2/NDF : 26110.4/28

Out: 808.113+/-0.135 χ^2/NDF : 664517.4/32

All: 802.328+/-0.096 χ^2/NDF : 694349.2/61

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -319.906 $\pm$ 418.627 χ^2 /NDF:18.4/14

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

Left In: 445.572 $\pm$ 432.484 χ^2 /NDF:9.8/12

Left: 50.373 $\pm$ 300.793 χ^2 /NDF: 29.8/27

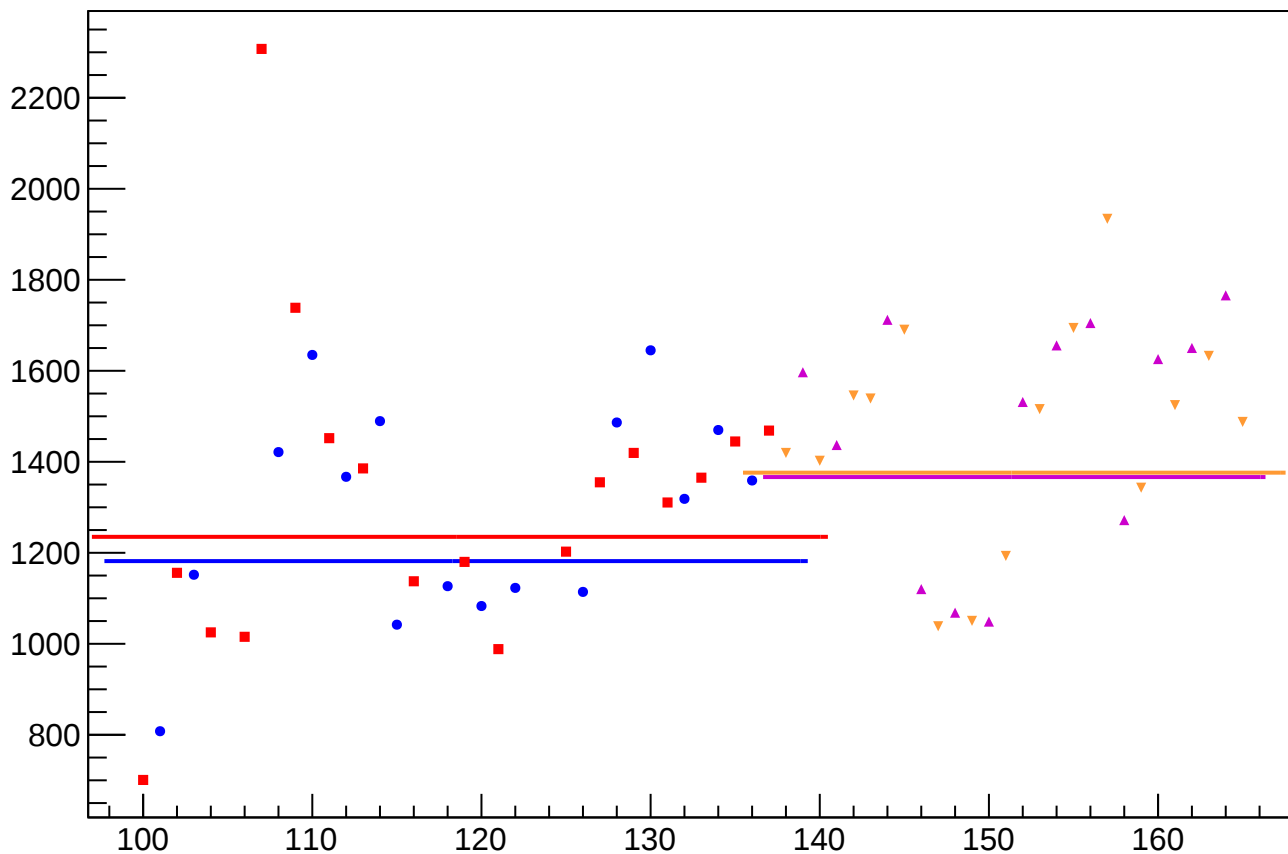
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: 56.011 $\pm$ 317.836 χ^2 /NDF:26.4/28

Out: -326.016 $\pm$ 315.062 χ^2 /NDF:35.9/32

All: -136.677 $\pm$ 223.757 χ^2 /NDF: 63.0/61

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1376.152 $\pm$ 0.296 χ^2 /NDF: 694755.7/14

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

Left In: 1366.470 $\pm$ 0.306 χ^2 /NDF: 754310.8/12

Left: 1371.469 $\pm$ 0.213 χ^2 /NDF: 1449584.0/27

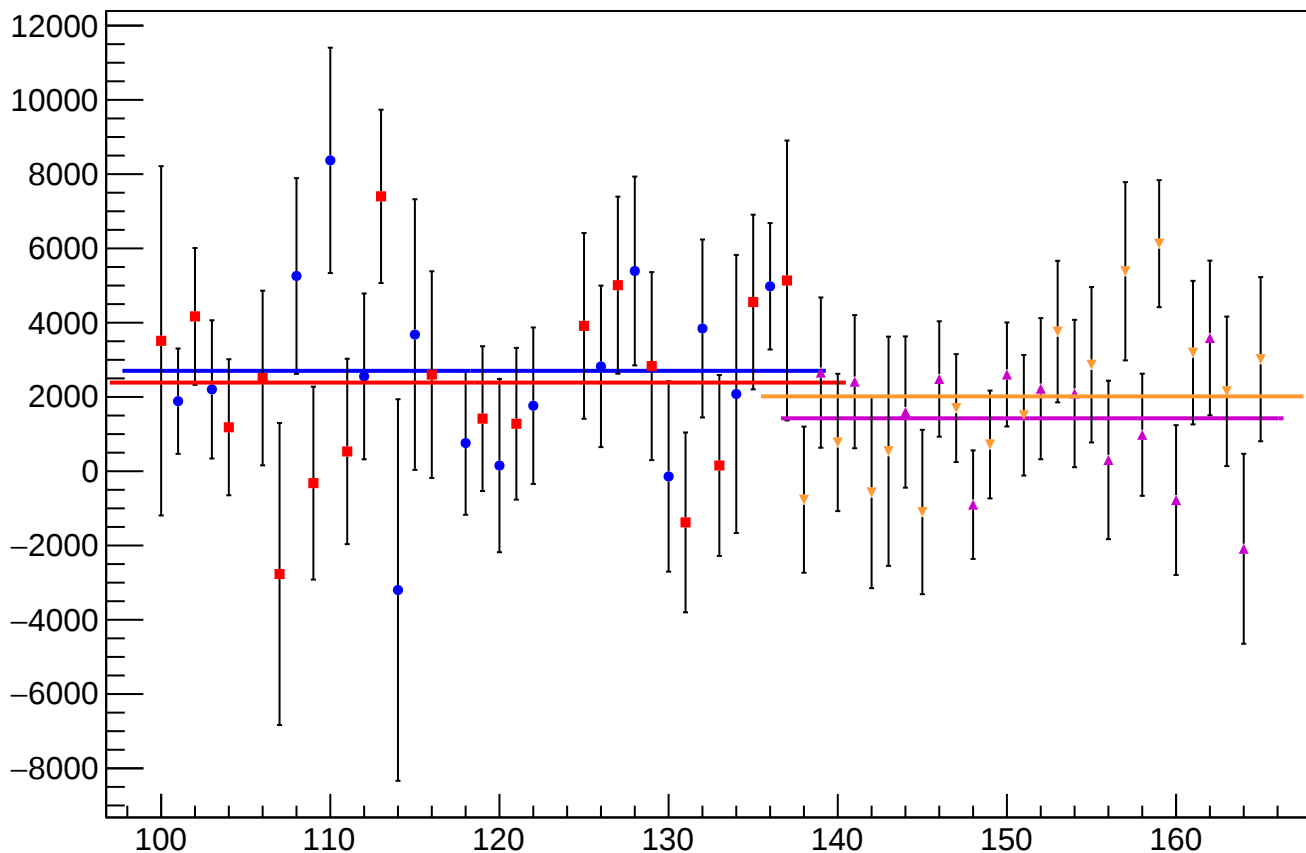
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1281.523 $\pm$ 0.225 χ^2 /NDF: 1465573.8/28

Out: 1314.992 $\pm$ 0.223 χ^2 /NDF: 1333465.3/32

All: 1298.404 $\pm$ 0.158 χ^2 /NDF: 2810224.8/63

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 2016.068 $\pm$ 495.220 χ^2 /NDF:16.0/14

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

Left In: 1425.443 $\pm$ 503.917 χ^2 /NDF:9.2/12

Left: 1725.896 $\pm$ 353.208 χ^2 /NDF: 25.8/27

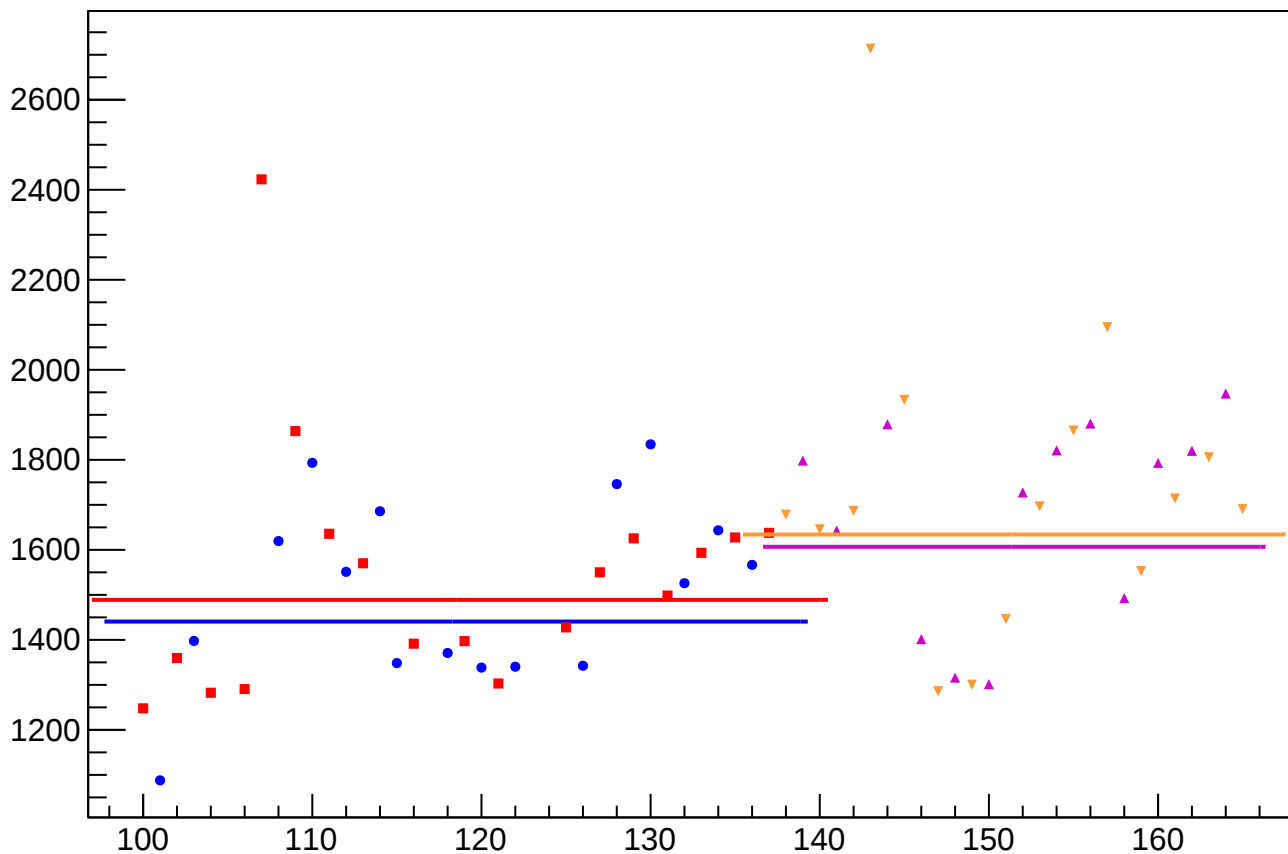
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 1992.311 $\pm$ 375.926 χ^2 /NDF:25.1/28

Out: 2176.003 $\pm$ 373.628 χ^2 /NDF:32.3/32

All: 2084.720 $\pm$ 265.004 χ^2 /NDF: 57.5/61

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1634.117+/-0.350 χ^2/NDF : 654396.0/14

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

Left In: 1606.831+/-0.356 χ^2/NDF : 410935.1/12

Left: 1620.711+/-0.250 χ^2/NDF : 1068314.1/27

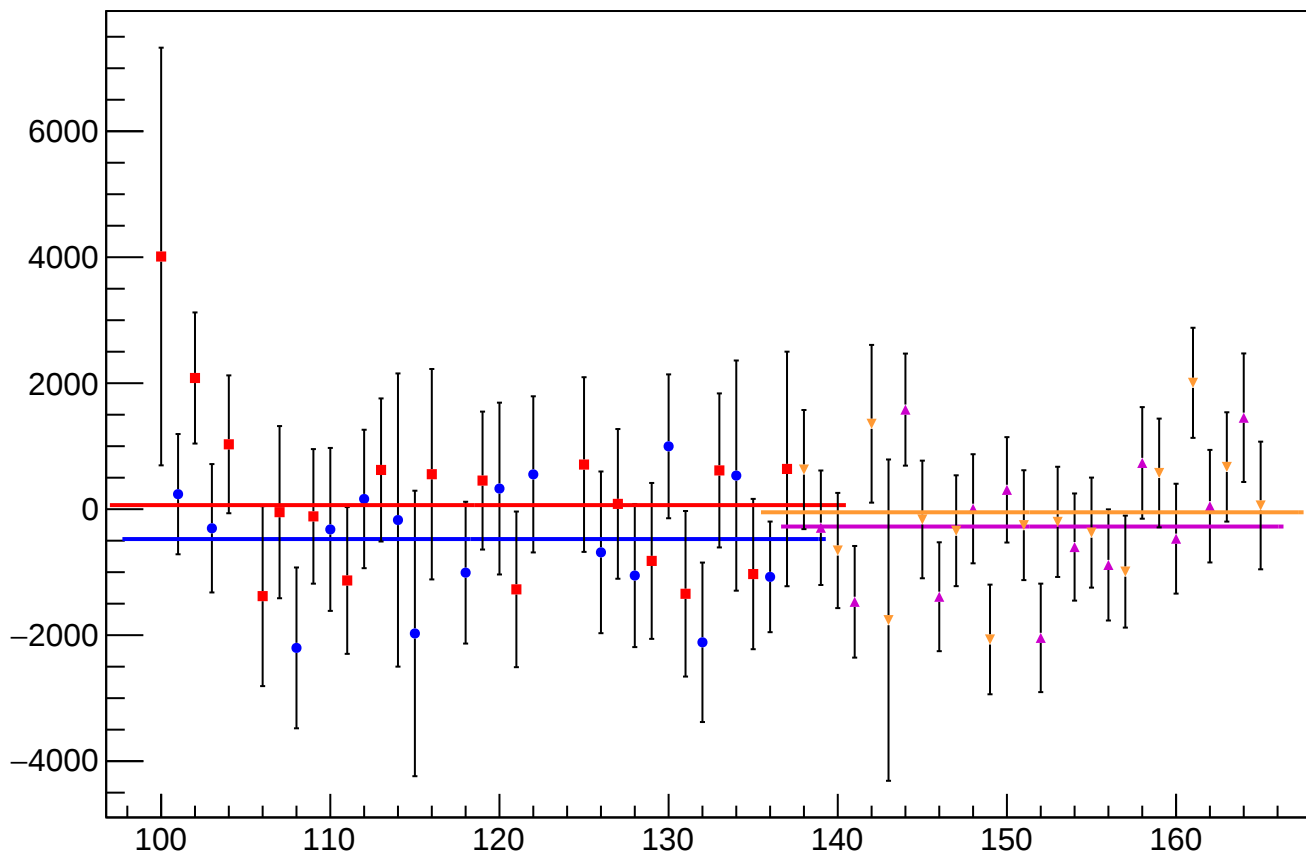
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1533.135+/-0.266 χ^2/NDF : 789653.2/28

Out: 1571.580+/-0.264 χ^2/NDF : 985276.8/32

All: 1552.475+/-0.187 χ^2/NDF : 1785452.6/63

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -49.200 $\pm$ 242.426 χ^2 /NDF:16.3/14

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

Left In: -275.479 $\pm$ 244.941 χ^2 /NDF:17.6/12

Left: -161.172 $\pm$ 172.303 χ^2 /NDF: 34.3/27

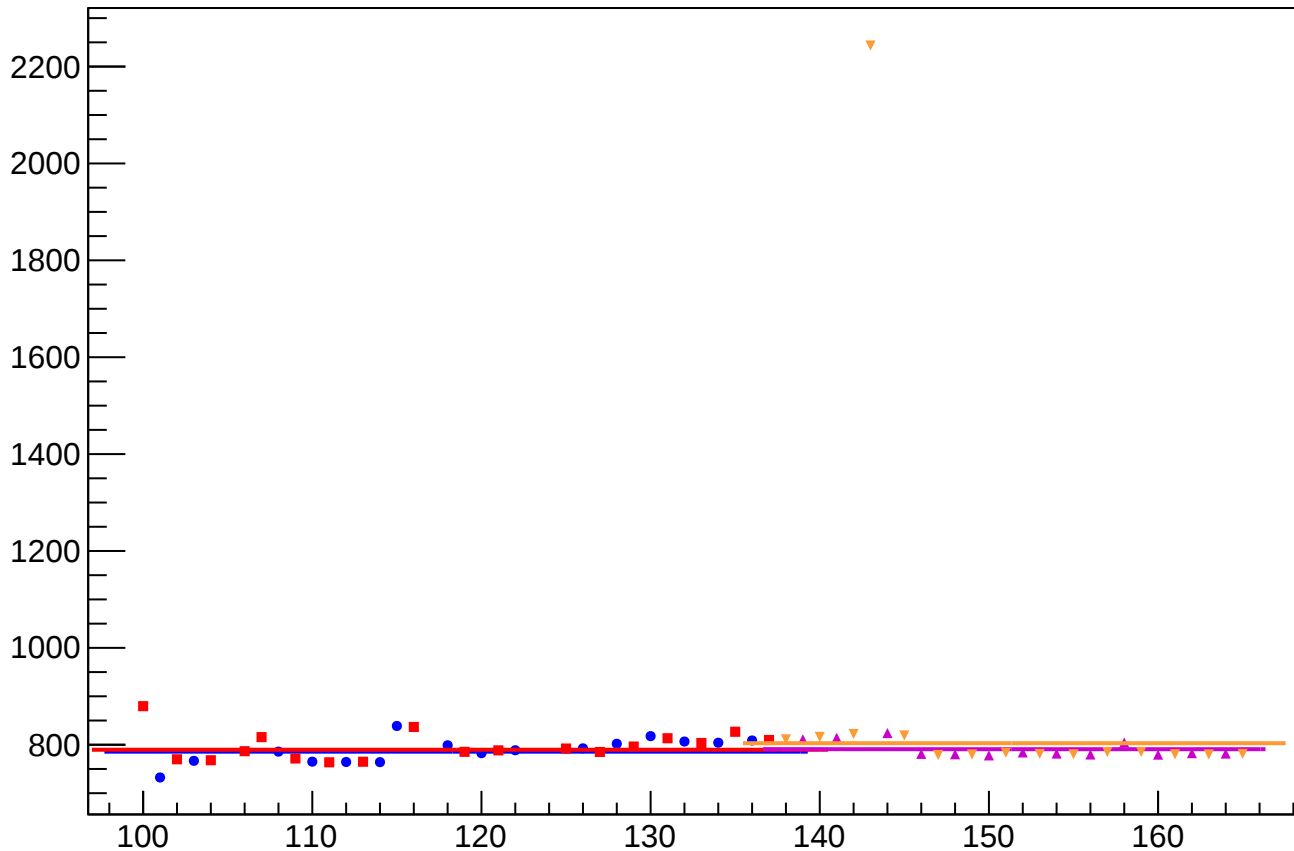
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -353.706 $\pm$ 190.712 χ^2 /NDF:26.7/28

Out: -3.919 $\pm$ 188.156 χ^2 /NDF:29.1/32

All: -176.453 $\pm$ 133.941 χ^2 /NDF: 57.5/61

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 803.171 $\pm$ 0.171 χ^2 /NDF: 651382.0/14

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

Left In: 790.829 $\pm$ 0.173 χ^2 /NDF: 8032.9/12

Left: 797.064 $\pm$ 0.122 χ^2 /NDF: 661979.8/27

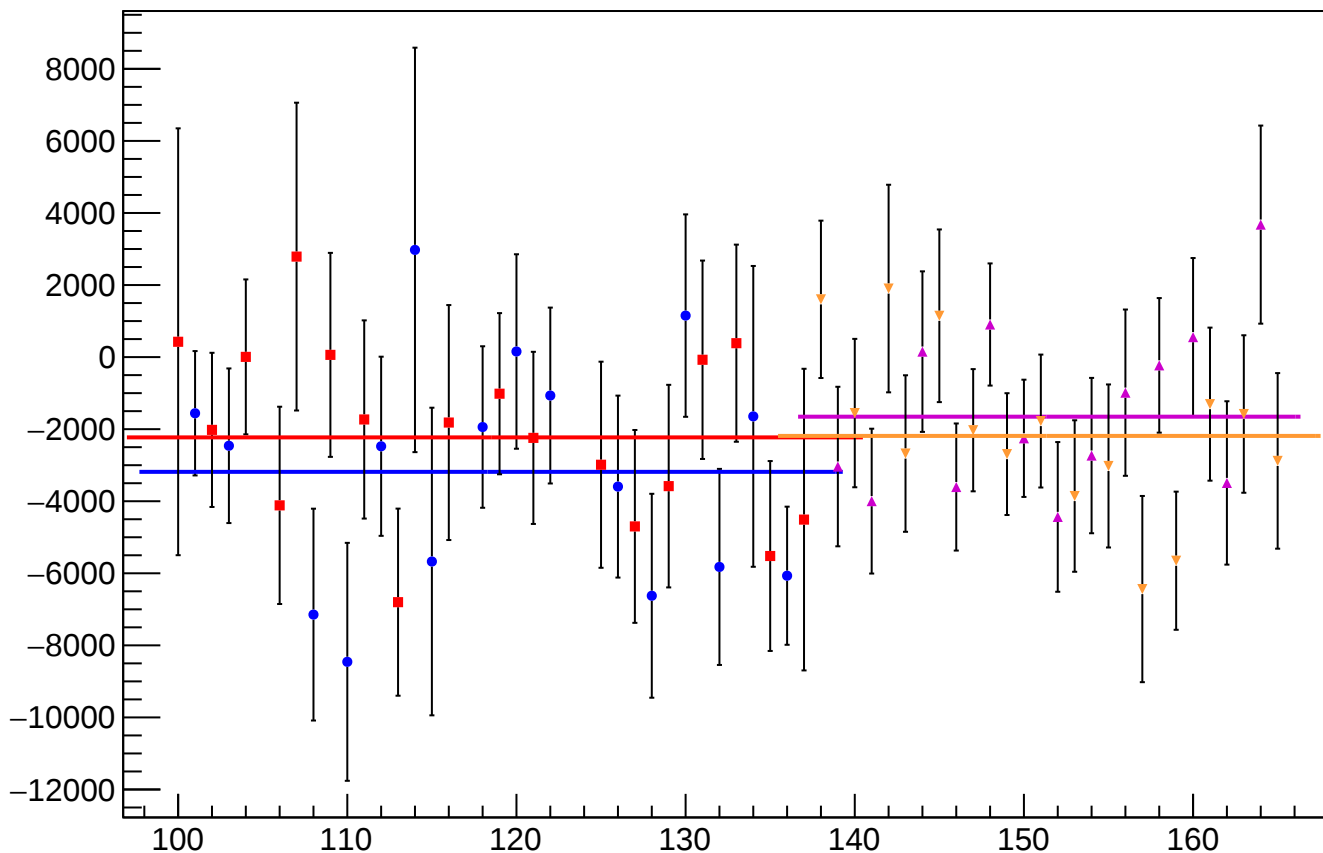
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 788.827 $\pm$ 0.135 χ^2 /NDF: 22293.6/28

Out: 797.805 $\pm$ 0.133 χ^2 /NDF: 664856.5/32

All: 793.377 $\pm$ 0.095 χ^2 /NDF: 689395.9/61

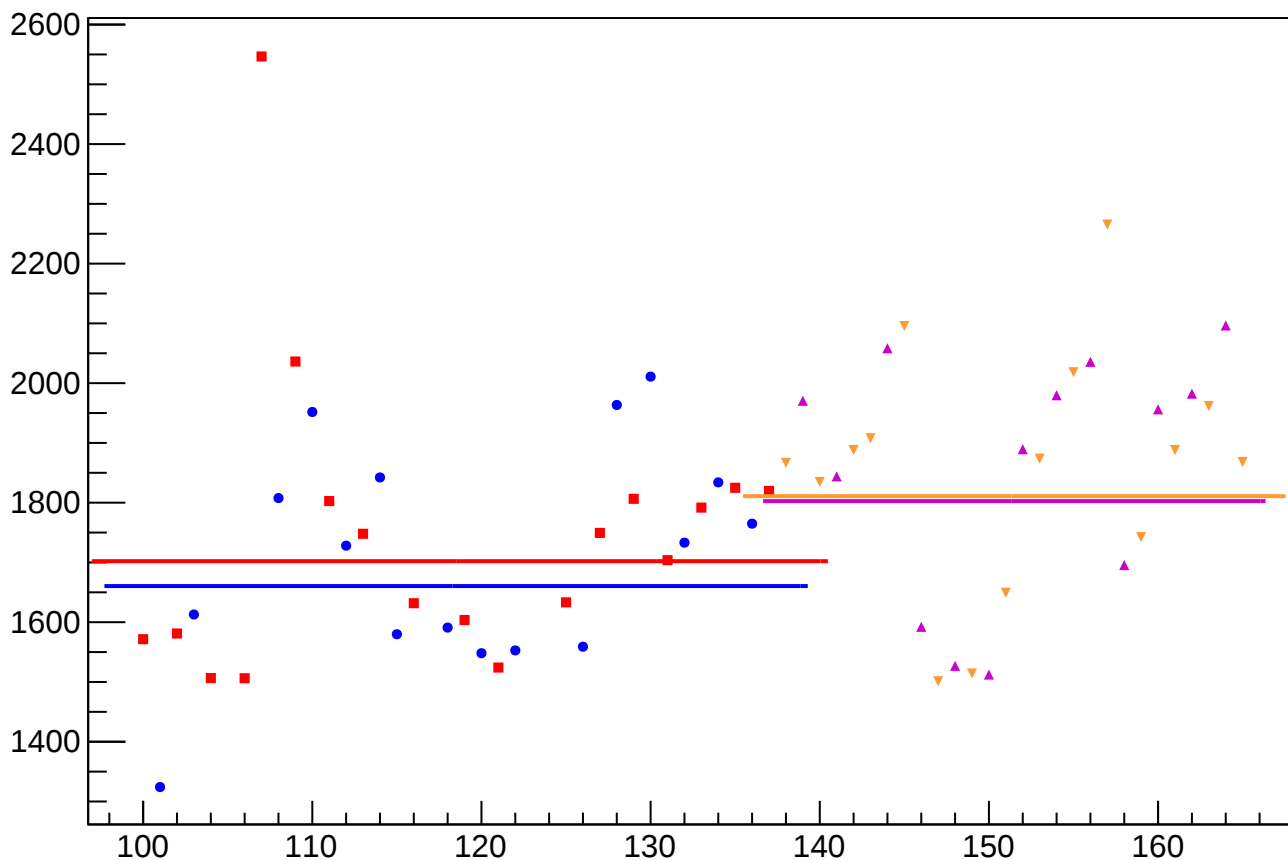
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2187.123 ± 543.389 $\chi^2/\text{NDF}: 14.3/14$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -1653.559 ± 562.885 $\chi^2/\text{NDF}: 14.2/12$

Left: -1929.742 ± 390.945 $\chi^2/\text{NDF}: 29.0/27$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2312.697 ± 424.769 $\chi^2/\text{NDF}: 34.2/28$
 Out: -2204.037 ± 416.382 $\chi^2/\text{NDF}: 26.1/32$
 All: -2257.284 ± 297.347 $\chi^2/\text{NDF}: 60.3/61$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1810.884 $\pm$ 0.384 χ^2 /NDF: 275121.3/14

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

Left In: 1802.616 $\pm$ 0.398 χ^2 /NDF: 272853.5/12

Left: 1806.896 $\pm$ 0.276 χ^2 /NDF: 548198.2/27

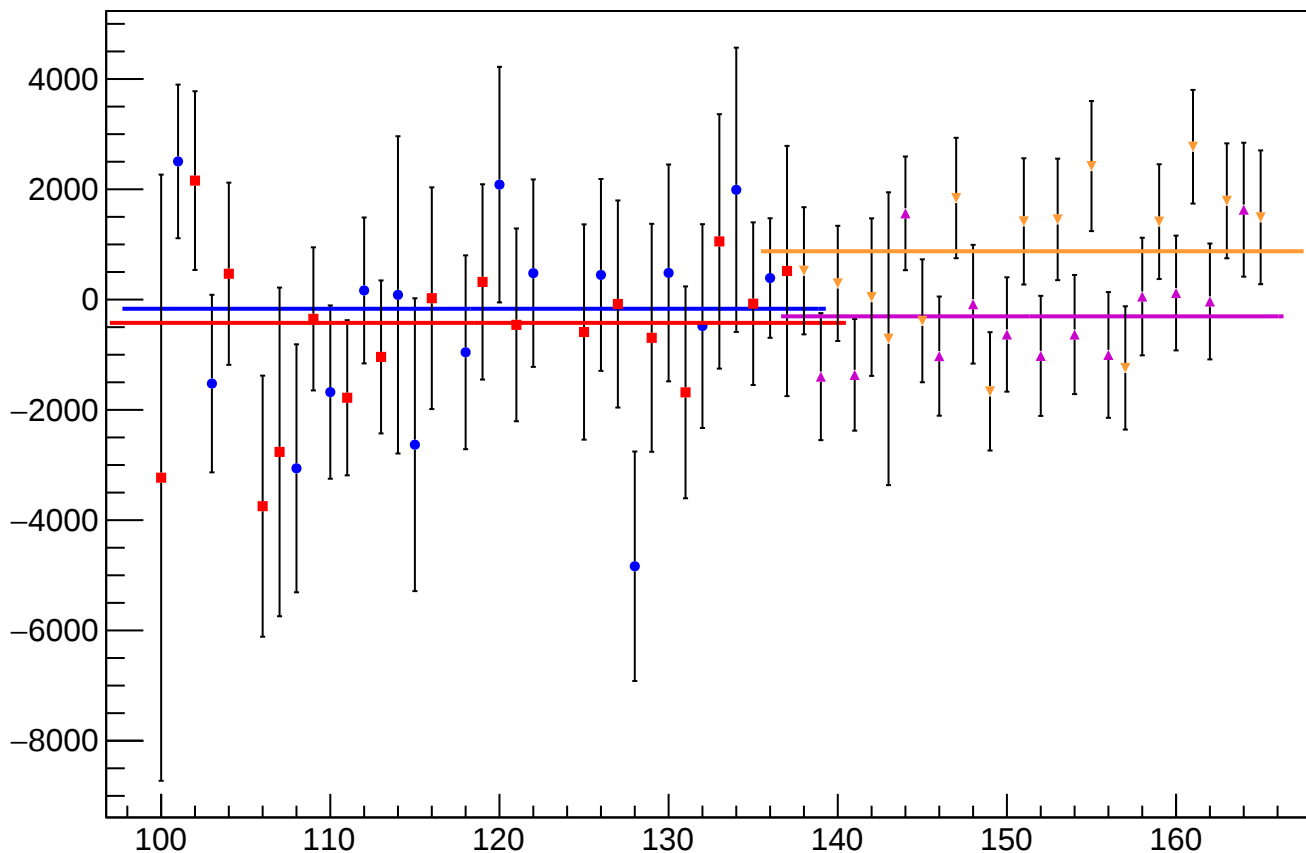
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1741.413 $\pm$ 0.300 χ^2 /NDF: 506978.3/28

Out: 1765.974 $\pm$ 0.294 χ^2 /NDF: 480222.2/32

All: 1753.938 $\pm$ 0.210 χ^2 /NDF: 990610.5/61

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 876.816 ± 296.388 χ^2/NDF : 19.2/14

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

Left In: -304.078 ± 299.131 χ^2/NDF : 9.7/12

Left: 291.808 ± 210.541 χ^2/NDF : 36.8/27

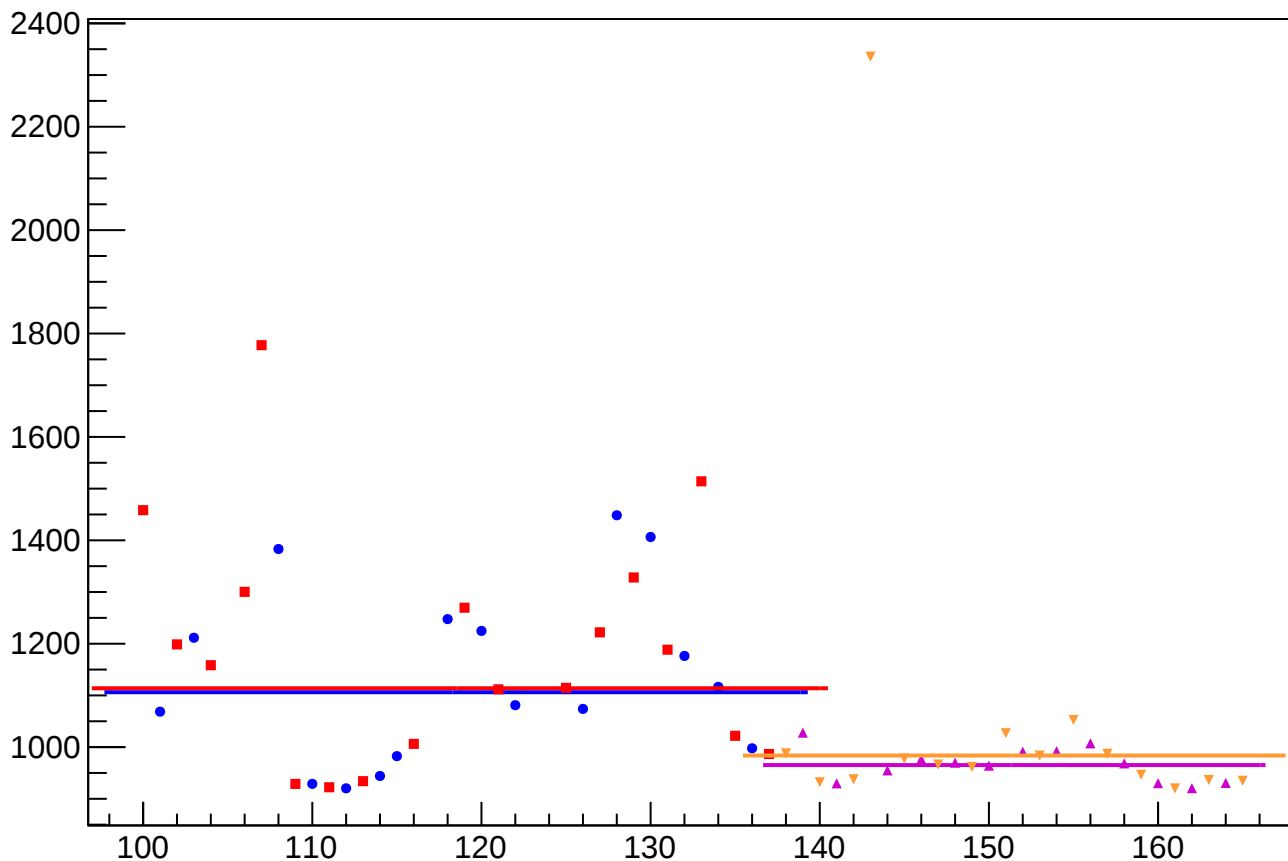
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -259.541 ± 246.054 χ^2/NDF : 25.3/28

Out: 454.826 ± 243.541 χ^2/NDF : 33.6/32

All: 101.309 ± 173.091 χ^2/NDF : 63.2/61

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 983.779+/-0.210 χ^2/NDF : 554005.5/14

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

Left In: 965.251+/-0.212 χ^2/NDF : 21443.9/12

Left: 974.600+/-0.149 χ^2/NDF : 579321.0/27

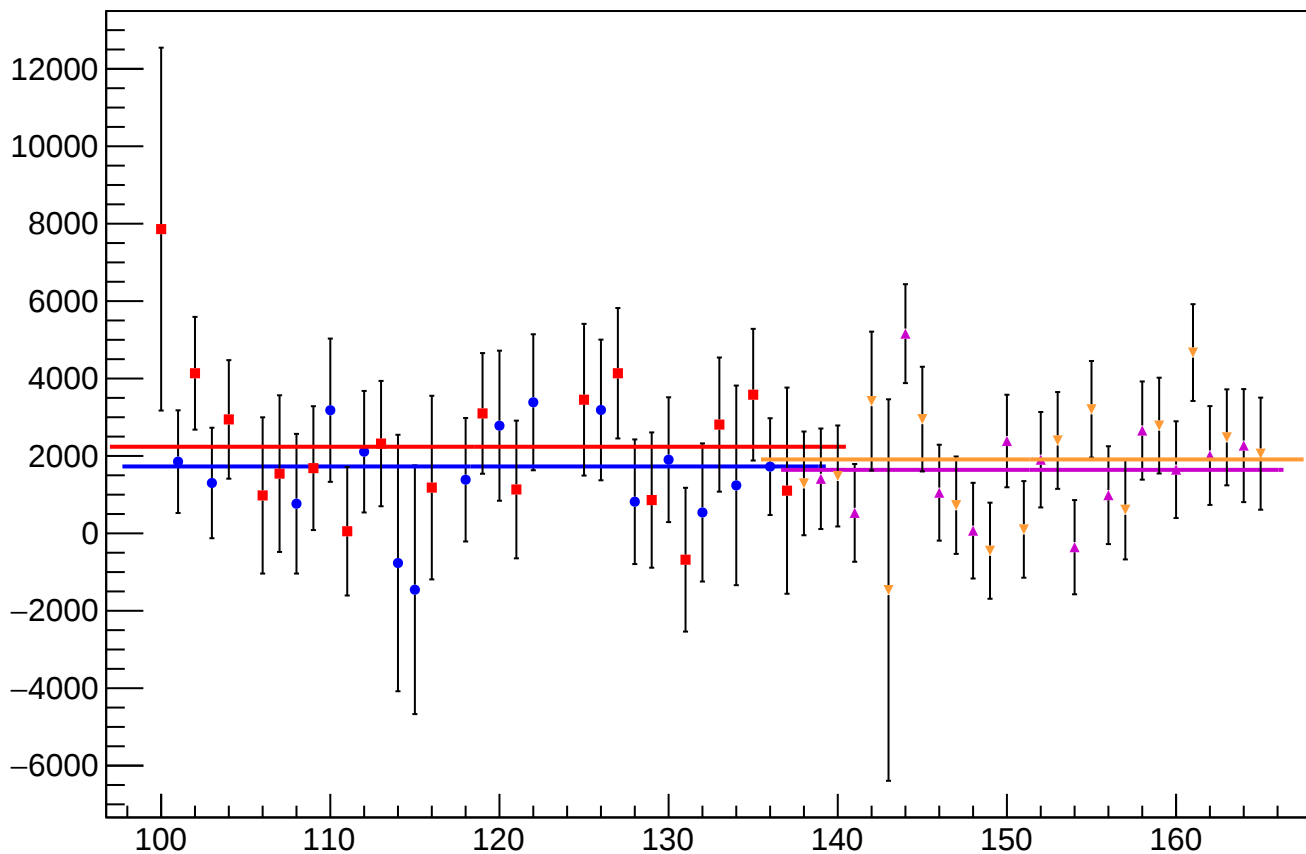
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1010.819+/-0.174 χ^2/NDF : 424879.3/28

Out: 1026.018+/-0.172 χ^2/NDF : 1043357.4/32

All: 1018.497+/-0.122 χ^2/NDF : 1472091.4/63

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1910.289 $\pm$ 347.625 χ^2 /NDF:16.5/14

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

Left In: 1640.996 $\pm$ 350.423 χ^2 /NDF:14.5/12

Left: 1776.722 $\pm$ 246.791 χ^2 /NDF: 31.4/27

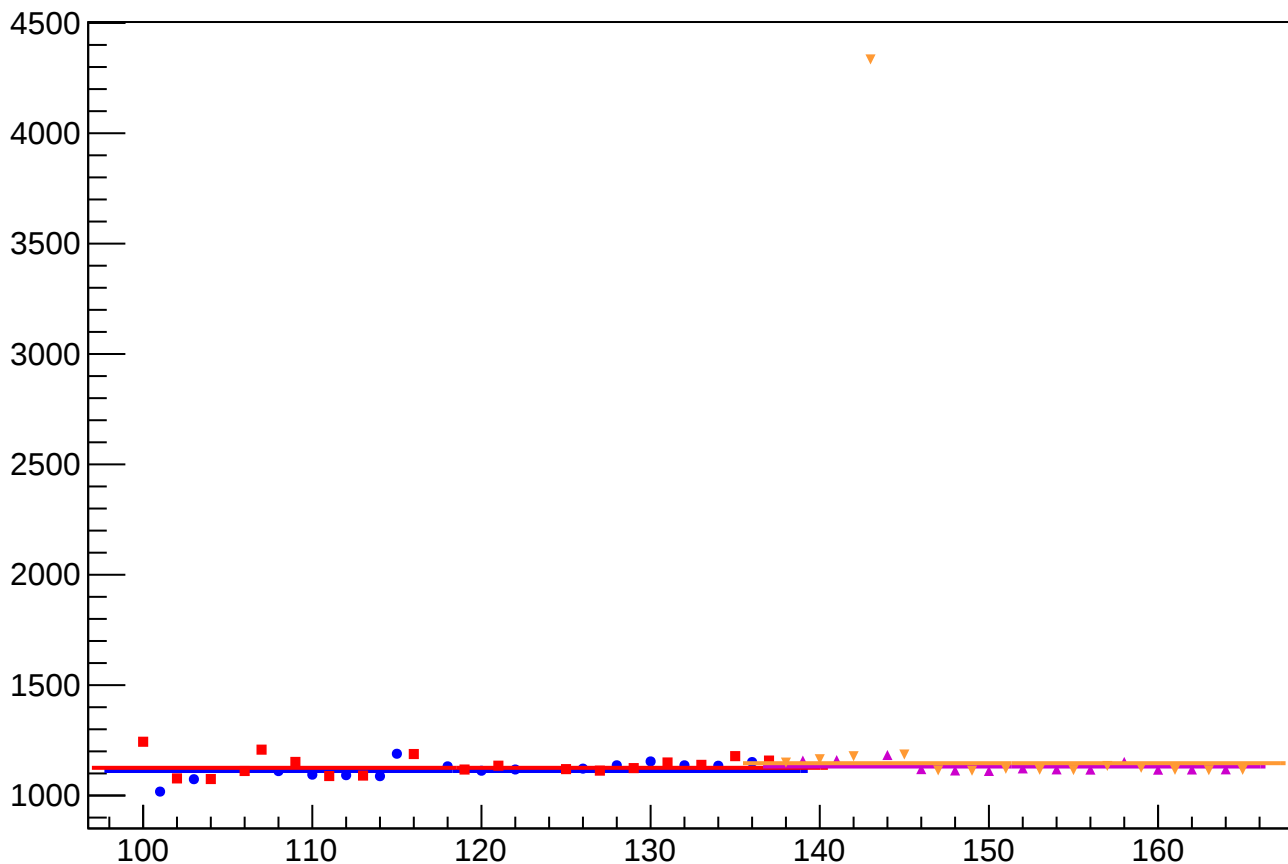
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1675.922 $\pm$ 271.594 χ^2 /NDF:19.9/28

Out: 2041.355 $\pm$ 269.195 χ^2 /NDF:29.1/32

All: 1860.260 $\pm$ 191.192 χ^2 /NDF: 49.9/61

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1146.410+/-0.246 χ^2/NDF : 849989.0/14

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

Left In: 1131.324+/-0.248 χ^2/NDF : 8163.1/12

Left: 1138.927+/-0.175 χ^2/NDF : 860020.5/27

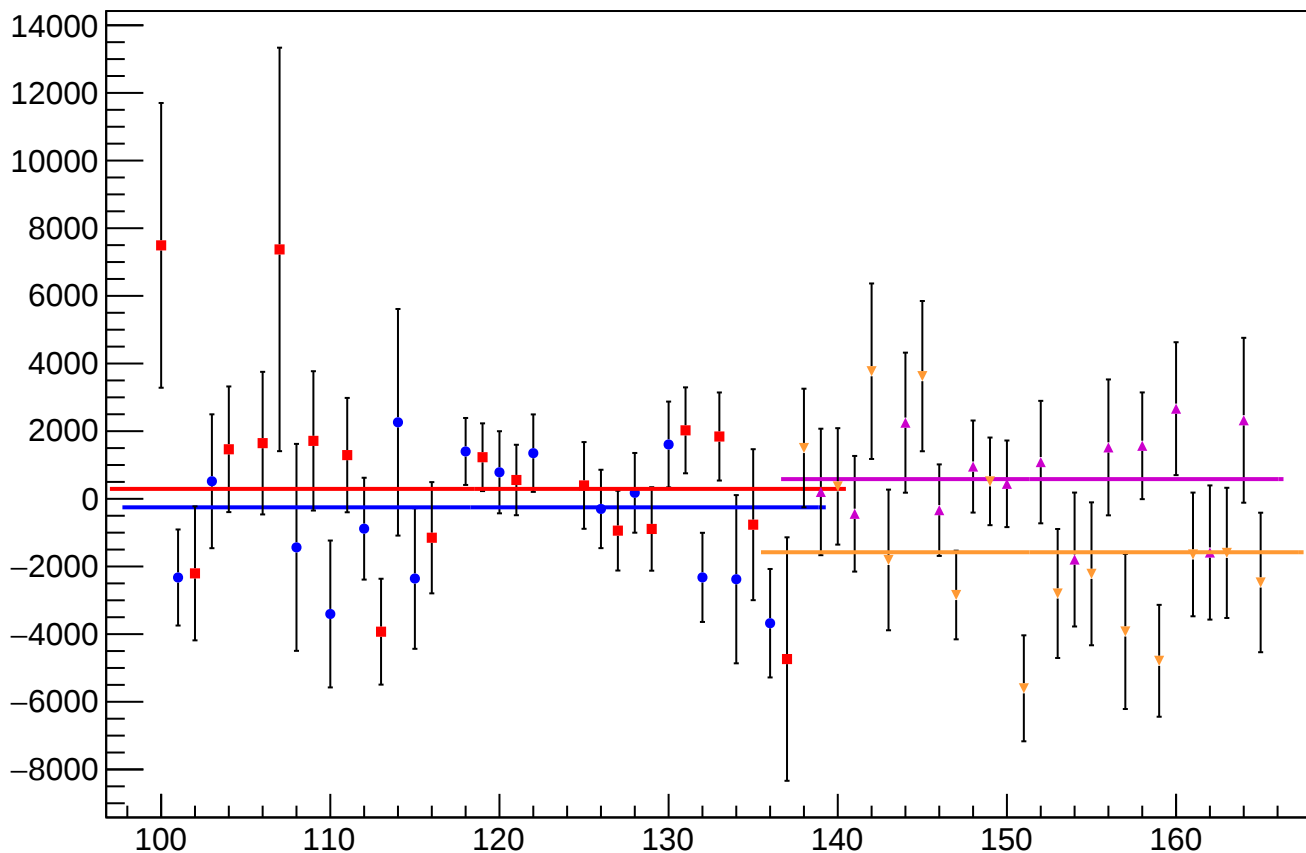
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1123.225+/-0.192 χ^2/NDF : 28929.2/28

Out: 1138.037+/-0.190 χ^2/NDF : 868768.2/32

All: 1130.697+/-0.135 χ^2/NDF : 900698.2/61

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 ± 364.951 $\chi^2/\text{NDF}: 21.8/15$

Left Out: -1579.086 ± 461.730 $\chi^2/\text{NDF}: 29.8/14$

Right Out: 293.658 ± 362.490 $\chi^2/\text{NDF}: 24.0/17$

Left In: 582.978 ± 474.028 $\chi^2/\text{NDF}: 6.6/12$

Left: -526.464 ± 330.755 $\chi^2/\text{NDF}: 47.0/27$

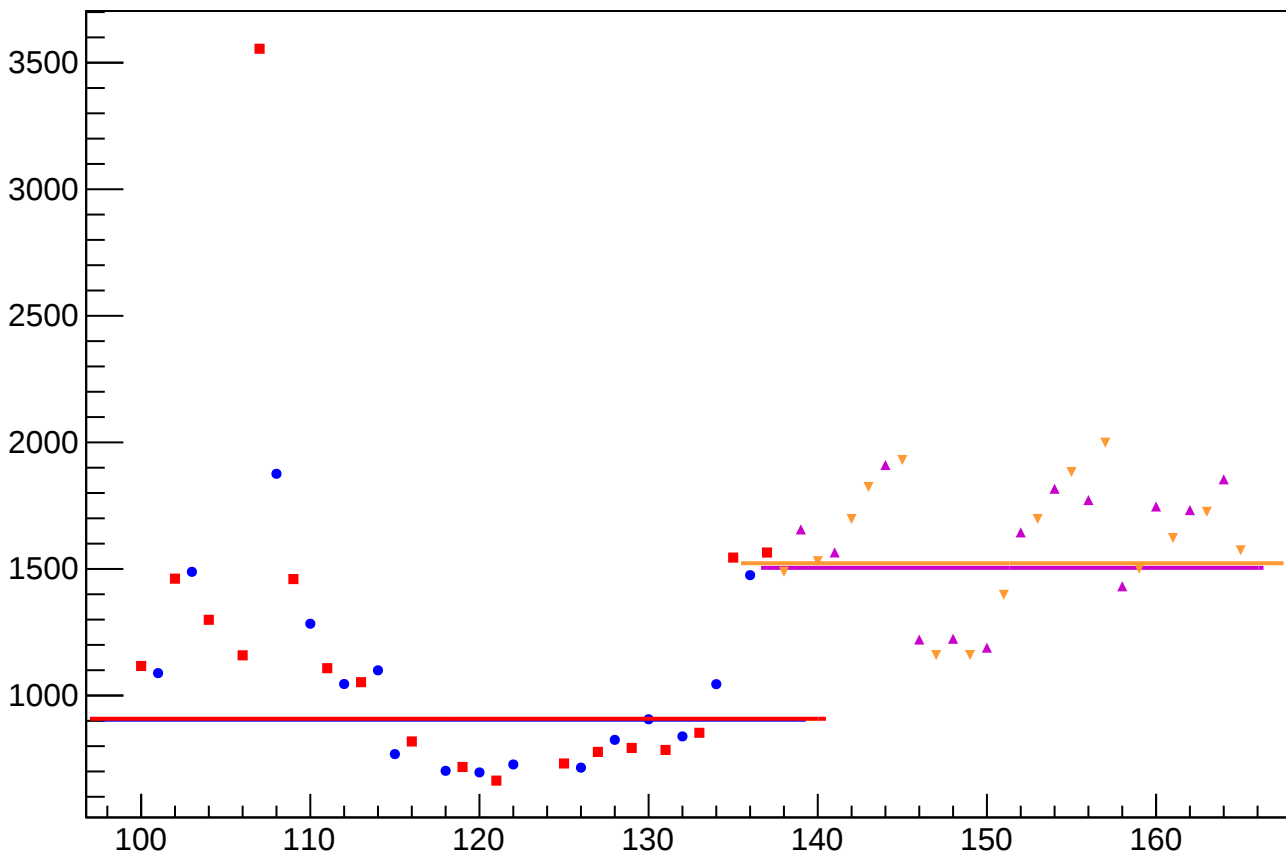
Right: 23.010 ± 257.185 $\chi^2/\text{NDF}: 47.0/33$

In: 59.159 ± 289.176 $\chi^2/\text{NDF}: 30.3/28$

Out: -420.448 ± 285.122 $\chi^2/\text{NDF}: 64.0/32$

All: -184.030 ± 203.030 $\chi^2/\text{NDF}: 95.7/61$

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1522.613+/-0.326 χ^2/NDF : 633094.9/14

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

Left In: 1504.434+/-0.335 χ^2/NDF : 586131.9/12

Left: 1513.762+/-0.234 χ^2/NDF : 1220736.0/27

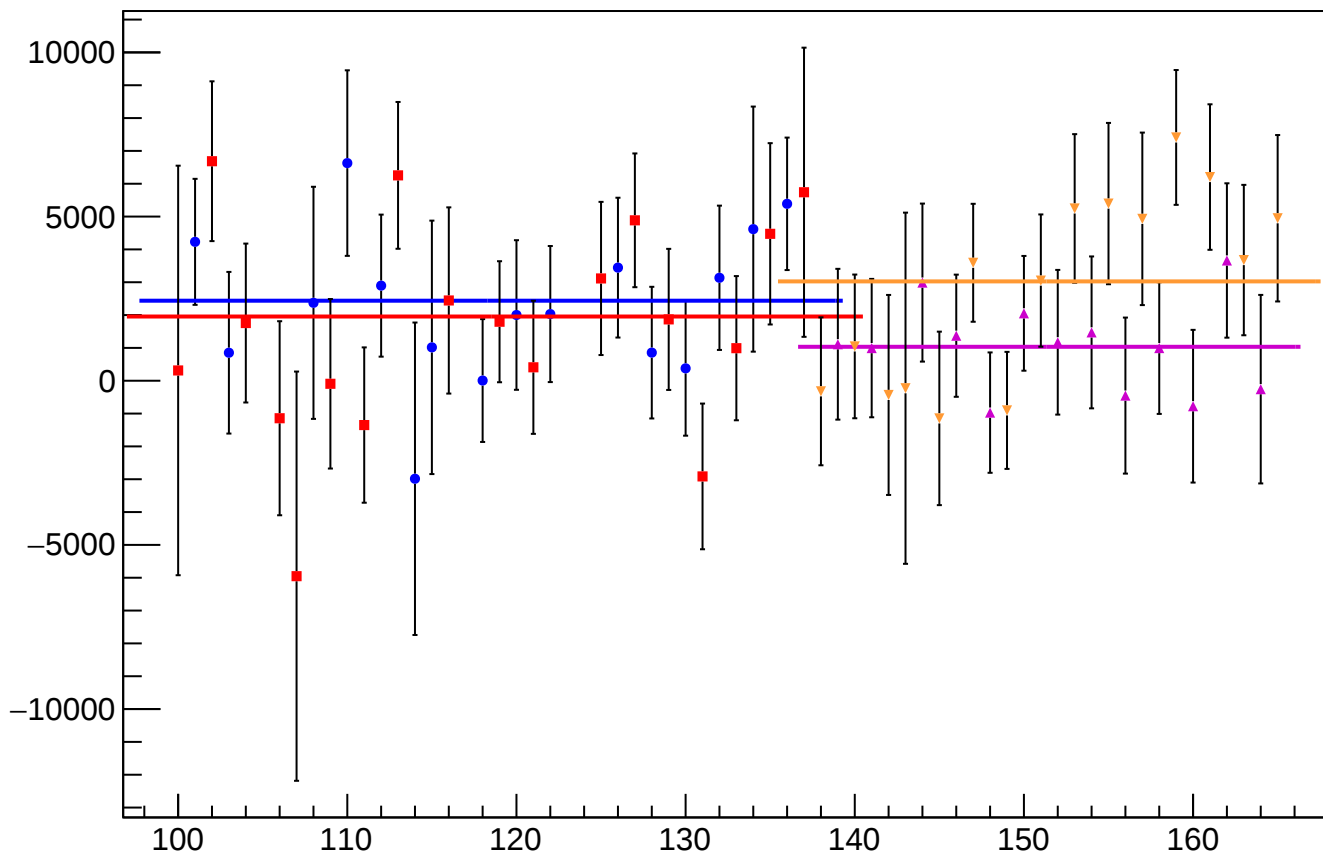
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1127.758+/-0.204 χ^2/NDF : 3618645.2/28

Out: 1142.456+/-0.202 χ^2/NDF : 4205460.0/32

All: 1135.211+/-0.144 χ^2/NDF : 7826725.1/63

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 3025.678 $\pm$ 591.731 χ^2 /NDF:21.8/14

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

Left In: 1033.766 $\pm$ 596.830 χ^2 /NDF:4.7/12

Left: 2038.267 $\pm$ 420.208 χ^2 /NDF: 32.2/27

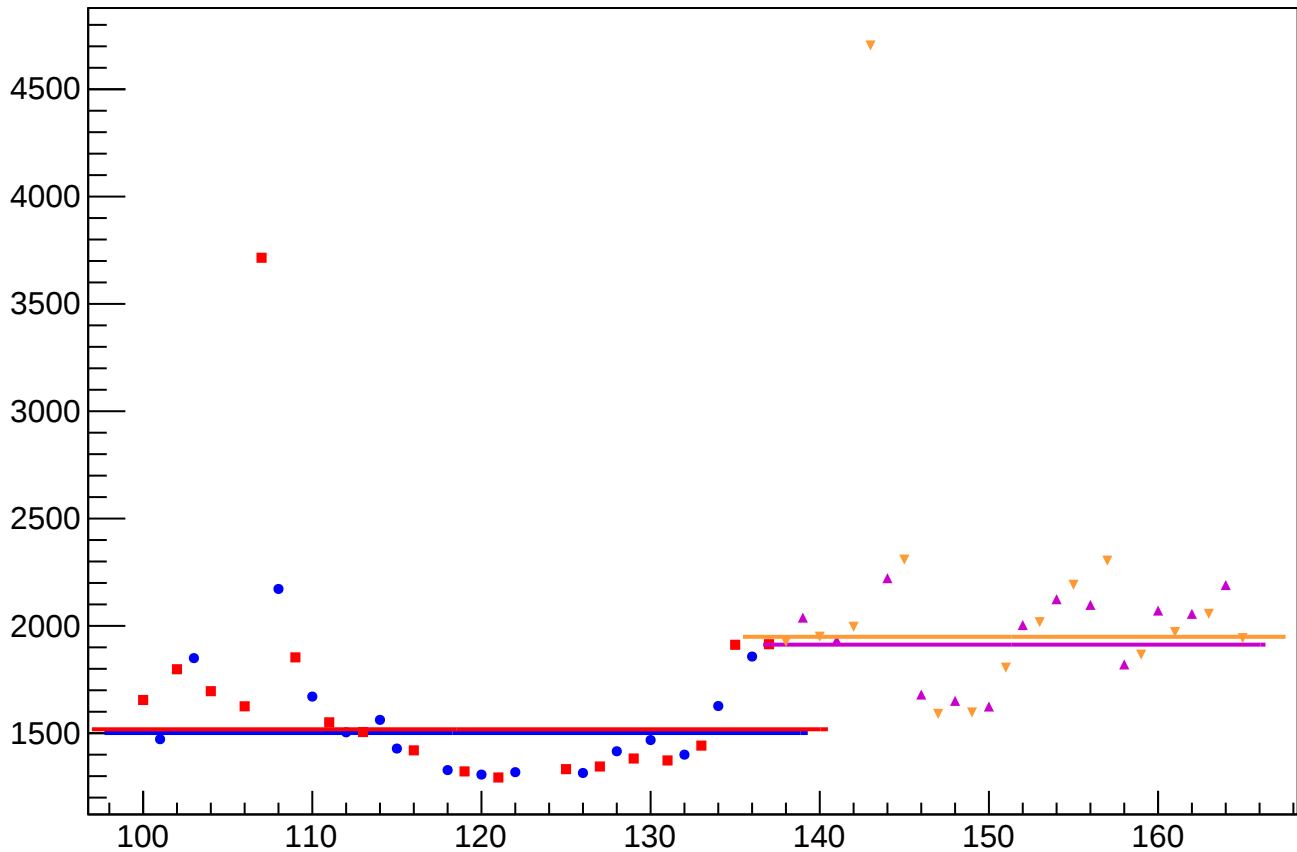
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1748.213 $\pm$ 418.225 χ^2 /NDF:18.7/28

Out: 2483.838 $\pm$ 415.687 χ^2 /NDF:45.9/32

All: 2118.264 $\pm$ 294.828 χ^2 /NDF: 66.1/61

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1949.069+/-0.418 χ^2/NDF : 802376.4/14

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

Left In: 1912.570+/-0.422 χ^2/NDF : 237873.6/12

Left: 1930.976+/-0.297 χ^2/NDF : 1044022.1/27

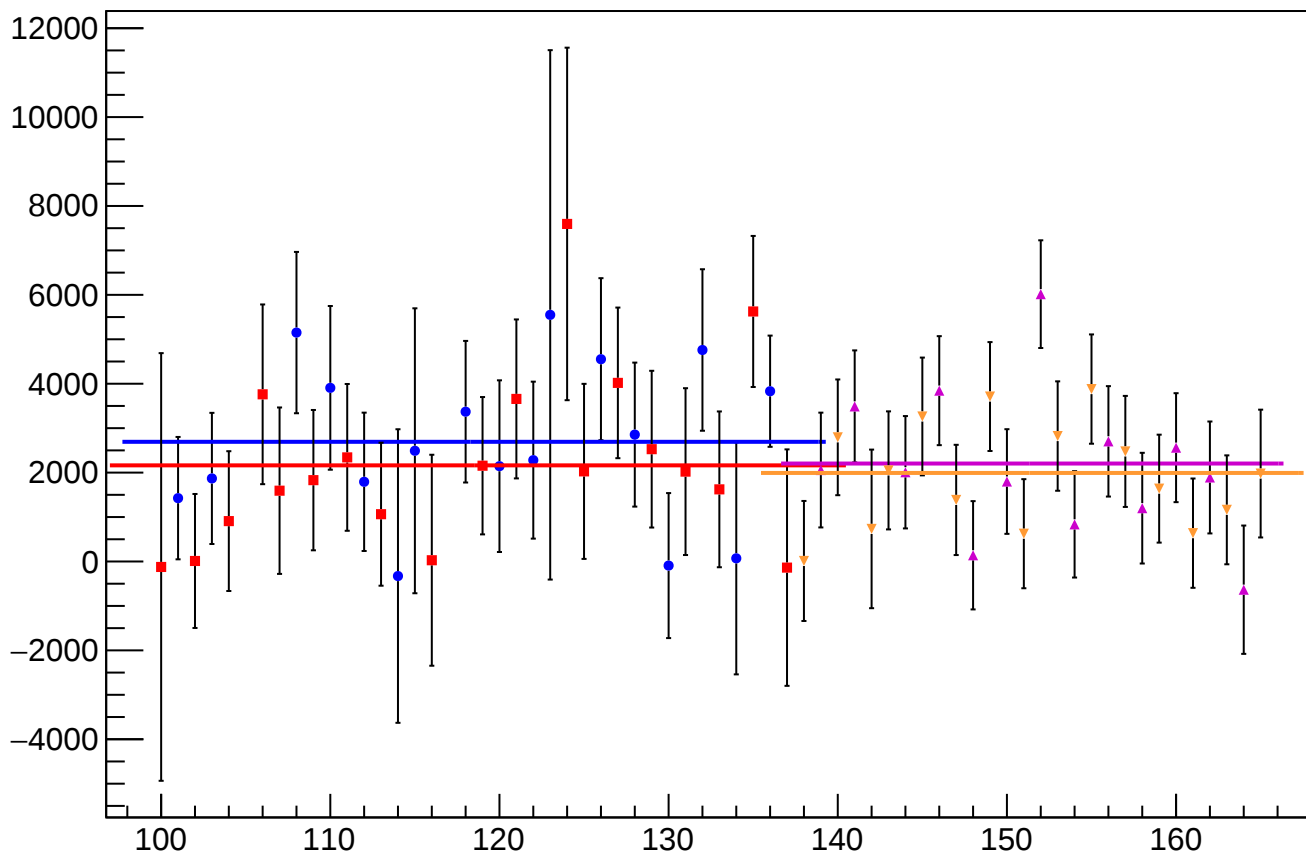
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1703.011+/-0.296 χ^2/NDF : 978561.1/28

Out: 1730.897+/-0.294 χ^2/NDF : 1815169.3/32

All: 1717.039+/-0.208 χ^2/NDF : 2798203.2/63

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1992.528 $\pm$ 332.988 χ^2 /NDF:12.1/14

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

Left In: 2204.192 $\pm$ 345.821 χ^2 /NDF:21.9/12

Left: 2094.359 $\pm$ 239.866 χ^2 /NDF: 34.2/27

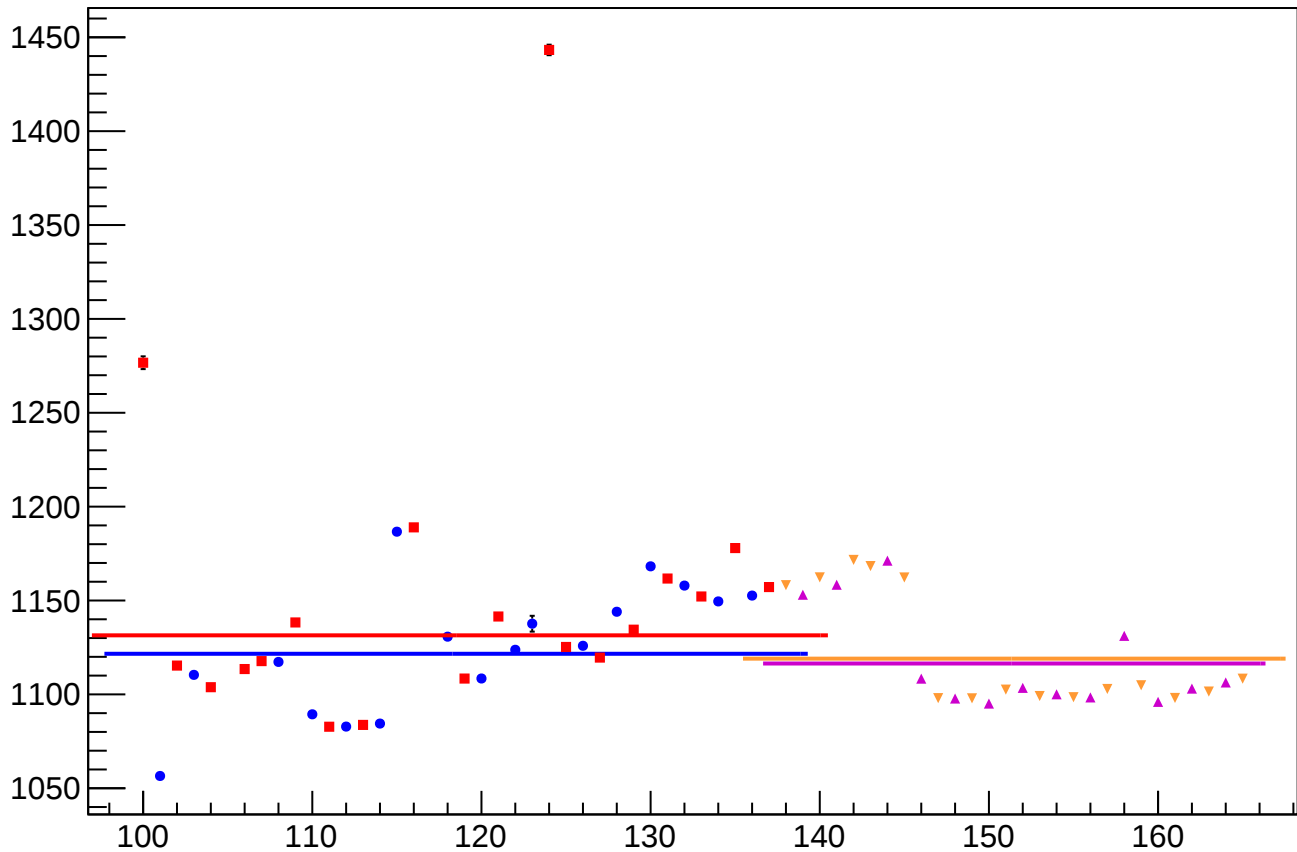
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2394.763 $\pm$ 270.124 χ^2 /NDF:34.9/29

Out: 2057.639 $\pm$ 261.833 χ^2 /NDF:26.0/33

All: 2220.948 $\pm$ 188.007 χ^2 /NDF: 61.7/63

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1119.036 $\pm$ 0.235 χ^2 /NDF:14831.1/14

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

Left In: 1116.446 $\pm$ 0.245 χ^2 /NDF:10979.3/12

Left: 1117.790 $\pm$ 0.170 χ^2 /NDF: 25868.6/27

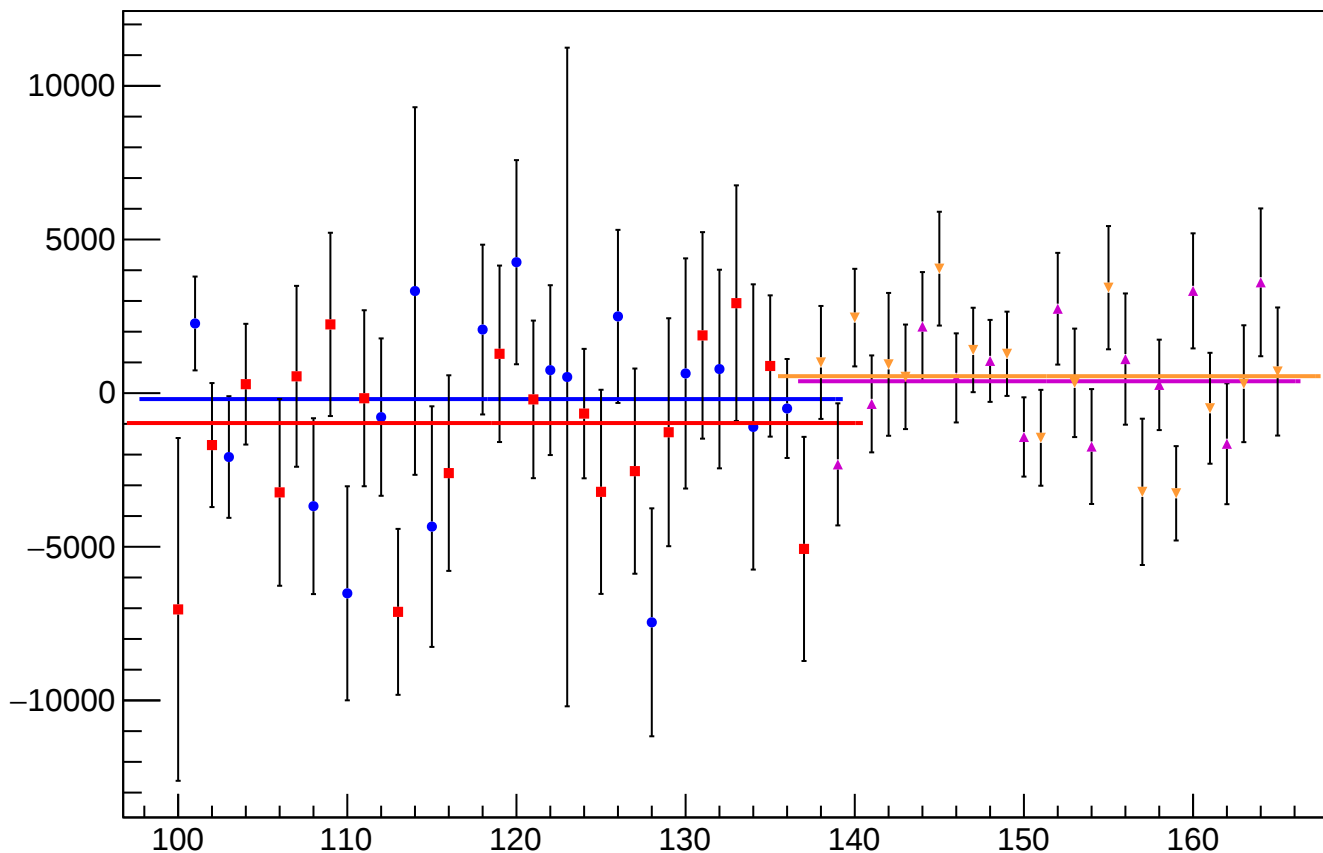
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1118.466 $\pm$ 0.191 χ^2 /NDF:23134.5/29

Out: 1123.775 $\pm$ 0.185 χ^2 /NDF:39004.1/33

All: 1121.203 $\pm$ 0.133 χ^2 /NDF: 62536.9/63

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 552.168+/-448.508 χ^2/NDF : 18.5/14

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

Left In: 386.914+/-466.323 χ^2/NDF : 13.7/12

Left: 472.758+/-323.257 χ^2/NDF : 32.3/27

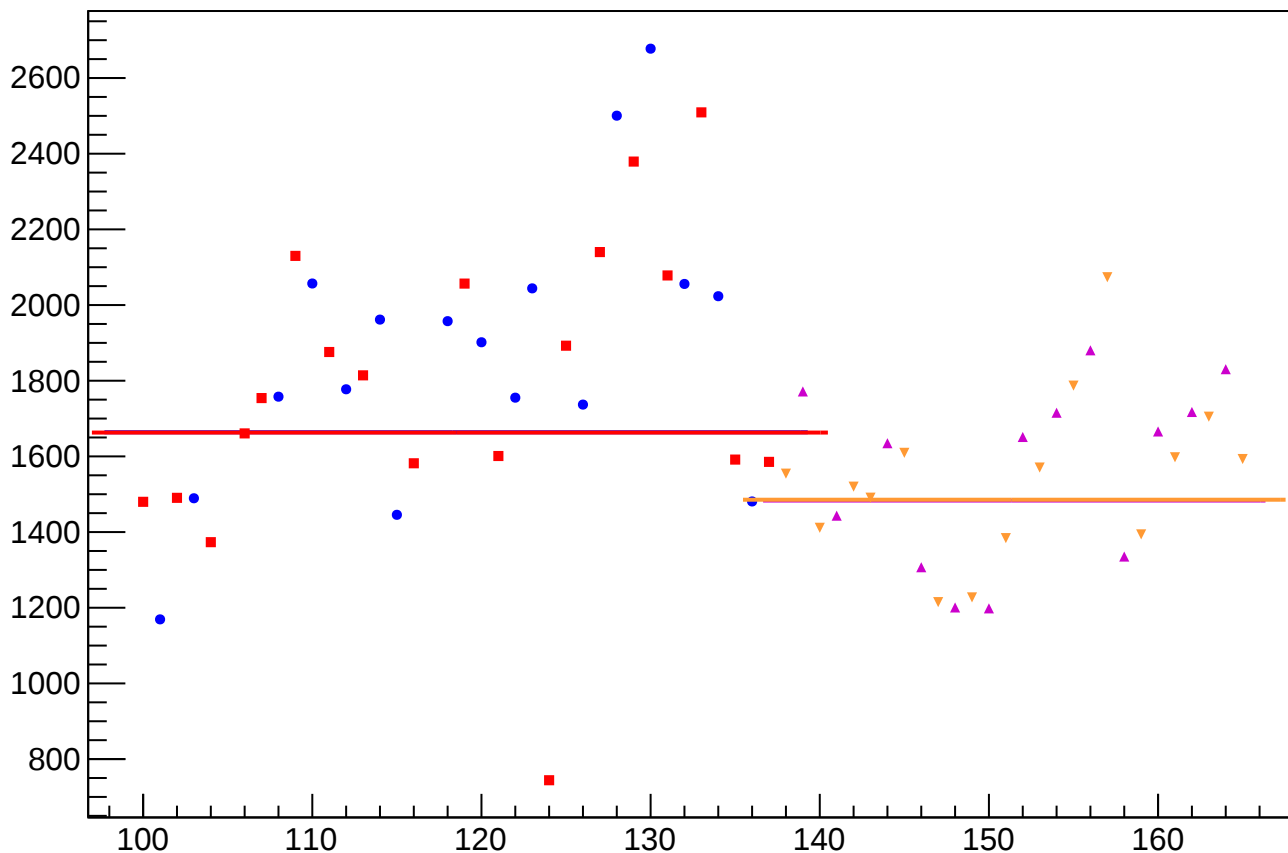
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 193.842+/-380.920 χ^2/NDF : 31.6/29

Out: 55.033+/-368.242 χ^2/NDF : 36.6/33

All: 122.089+/-264.755 χ^2/NDF : 68.3/63

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1485.498+/-0.317 χ^2/NDF : 392248.4/14

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

Left In: 1483.290+/-0.330 χ^2/NDF : 501170.9/12

Left: 1484.437+/-0.229 χ^2/NDF : 893442.5/27

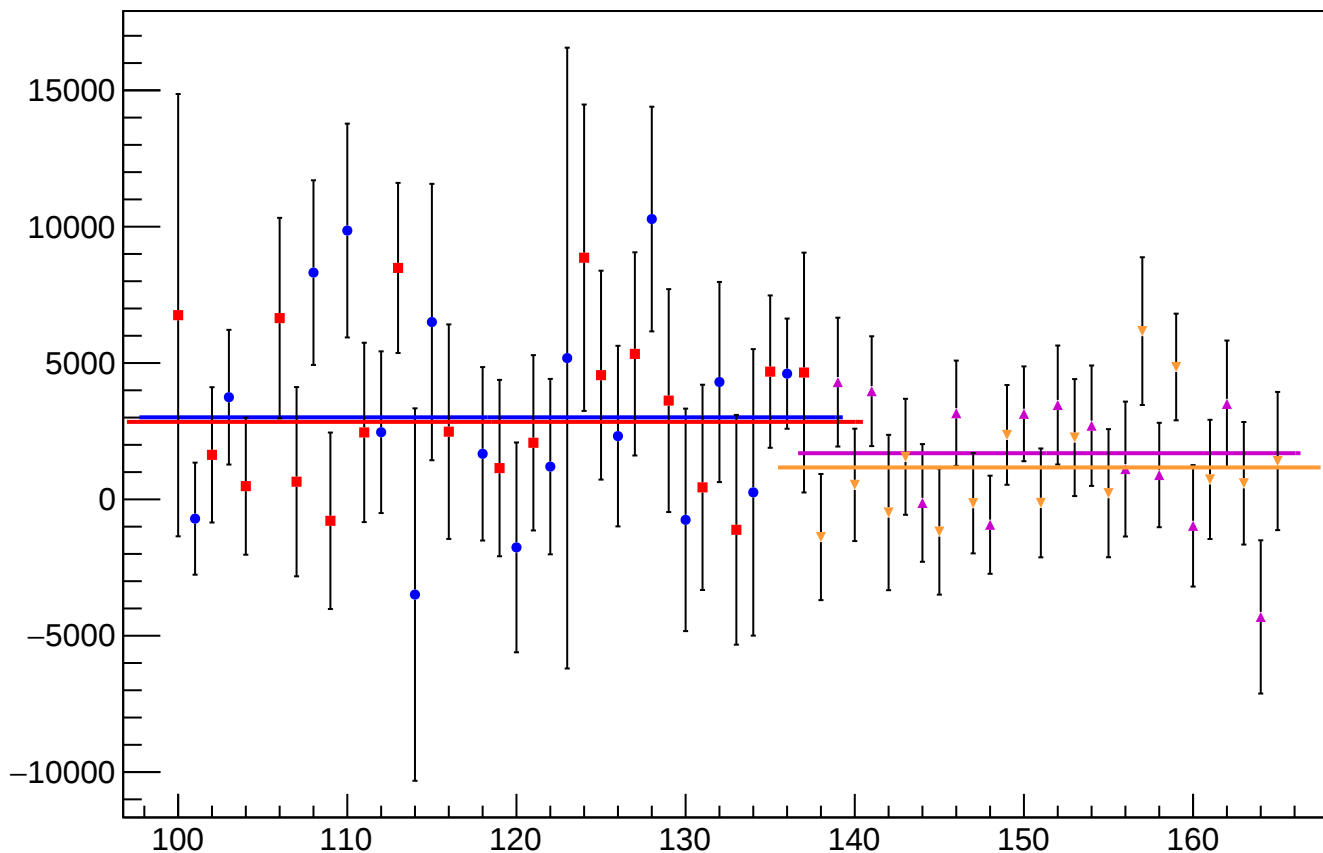
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1543.346+/-0.269 χ^2/NDF : 1223342.4/29

Out: 1543.341+/-0.260 χ^2/NDF : 1299294.4/33

All: 1543.343+/-0.187 χ^2/NDF : 2522636.8/63

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1170.851 $\pm$ 562.700 χ^2 /NDF: 11.6/14

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

Left In: 1693.314 $\pm$ 585.796 χ^2 /NDF: 14.3/12

Left: 1421.581 $\pm$ 405.809 χ^2 /NDF: 26.3/27

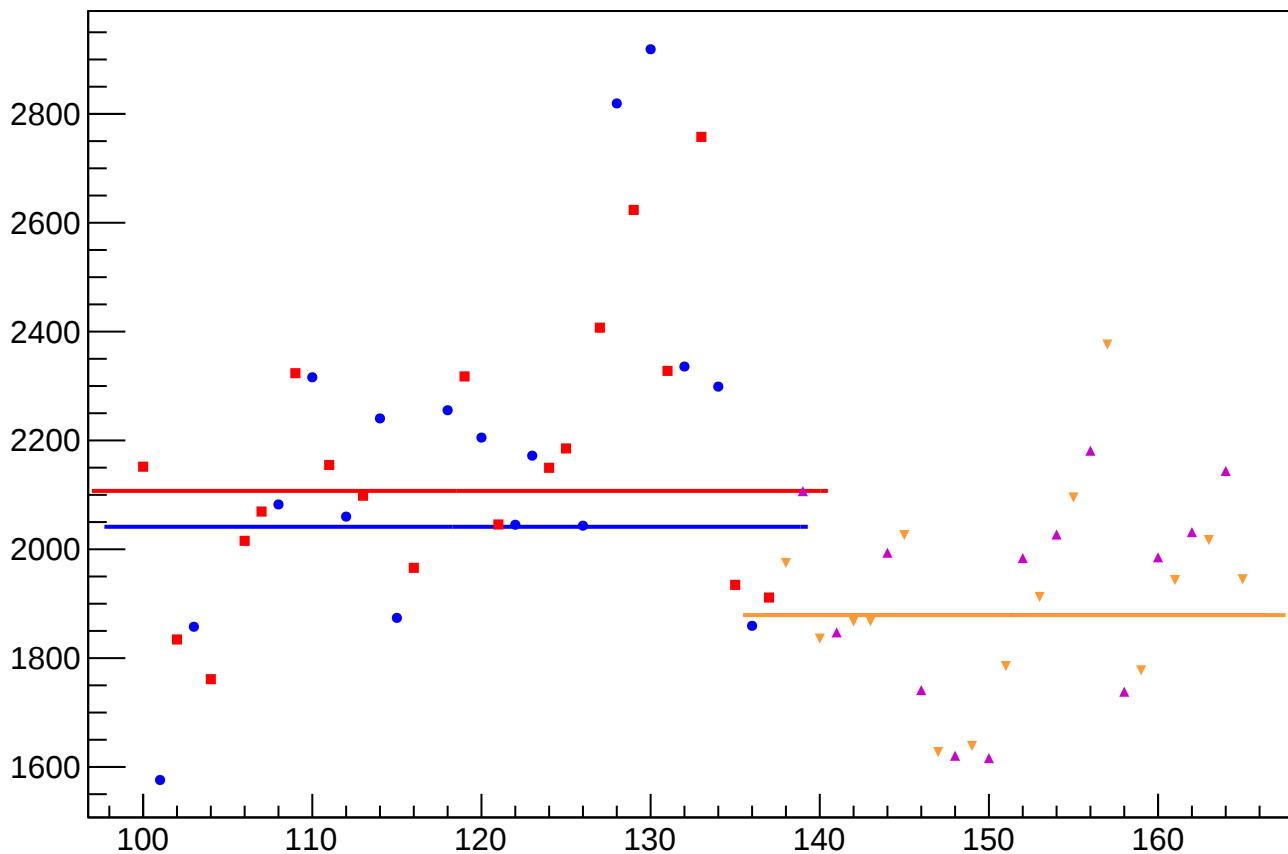
Right: 2925.191 $\pm$ 564.046 χ^2 /NDF: 28.8/35

In: 2152.865 $\pm$ 472.561 χ^2 /NDF: 33.4/29

Out: 1727.949 $\pm$ 459.434 χ^2 /NDF: 25.9/33

All: 1934.423 $\pm$ 329.412 χ^2 /NDF: 59.8/63

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1879.101+/-0.398 χ^2/NDF : 189668.3/14

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

Left In: 1879.224+/-0.414 χ^2/NDF : 207114.4/12

Left: 1879.160+/-0.287 χ^2/NDF : 396782.8/27

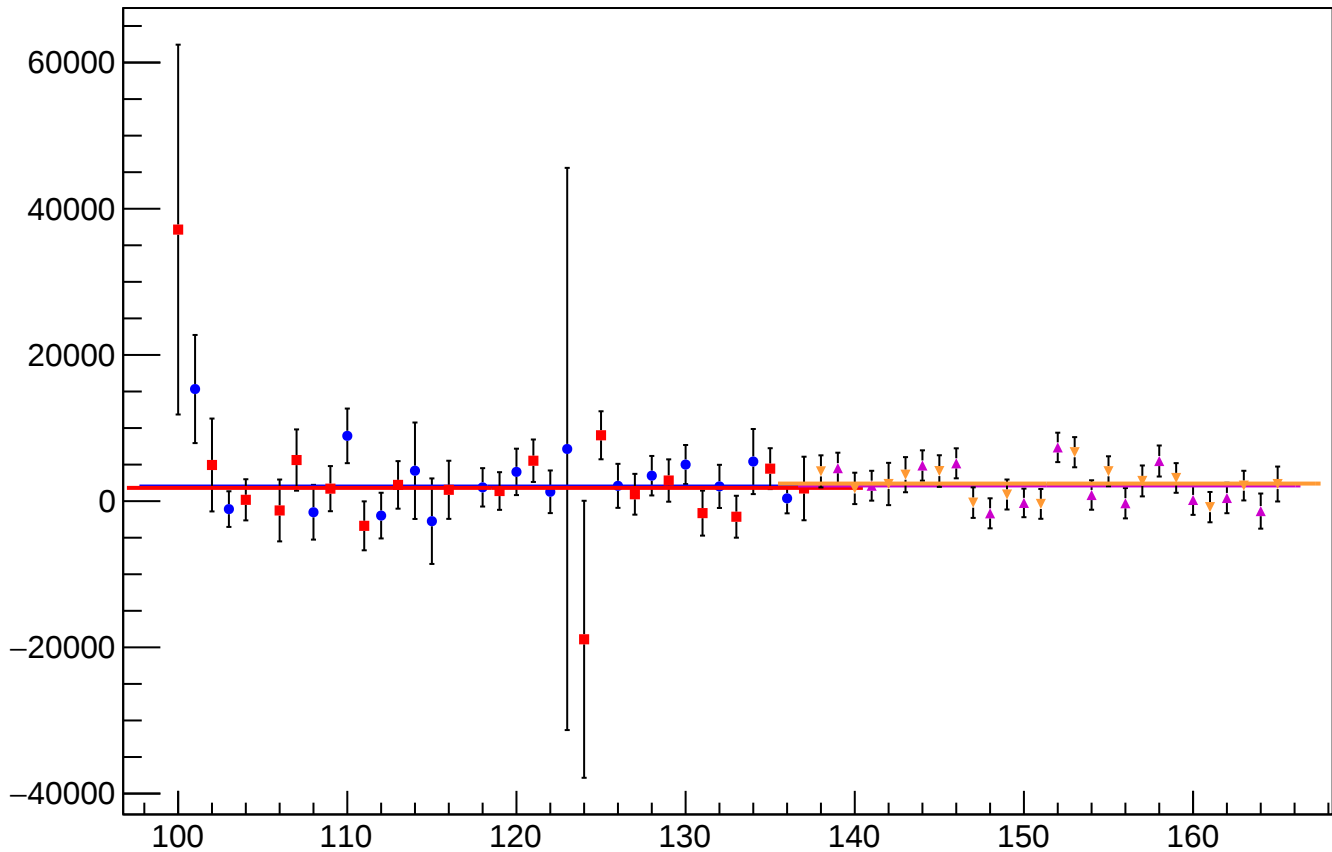
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1935.844+/-0.334 χ^2/NDF : 599051.2/29

Out: 1955.166+/-0.325 χ^2/NDF : 496079.7/33

All: 1945.777+/-0.233 χ^2/NDF : 1096849.8/63

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2404.756+/-556.467 χ^2/NDF :13.1/14

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

Left In: 2149.791+/-575.092 χ^2/NDF :24.8/12

Left: 2281.469+/-399.904 χ^2/NDF : 38.0/27

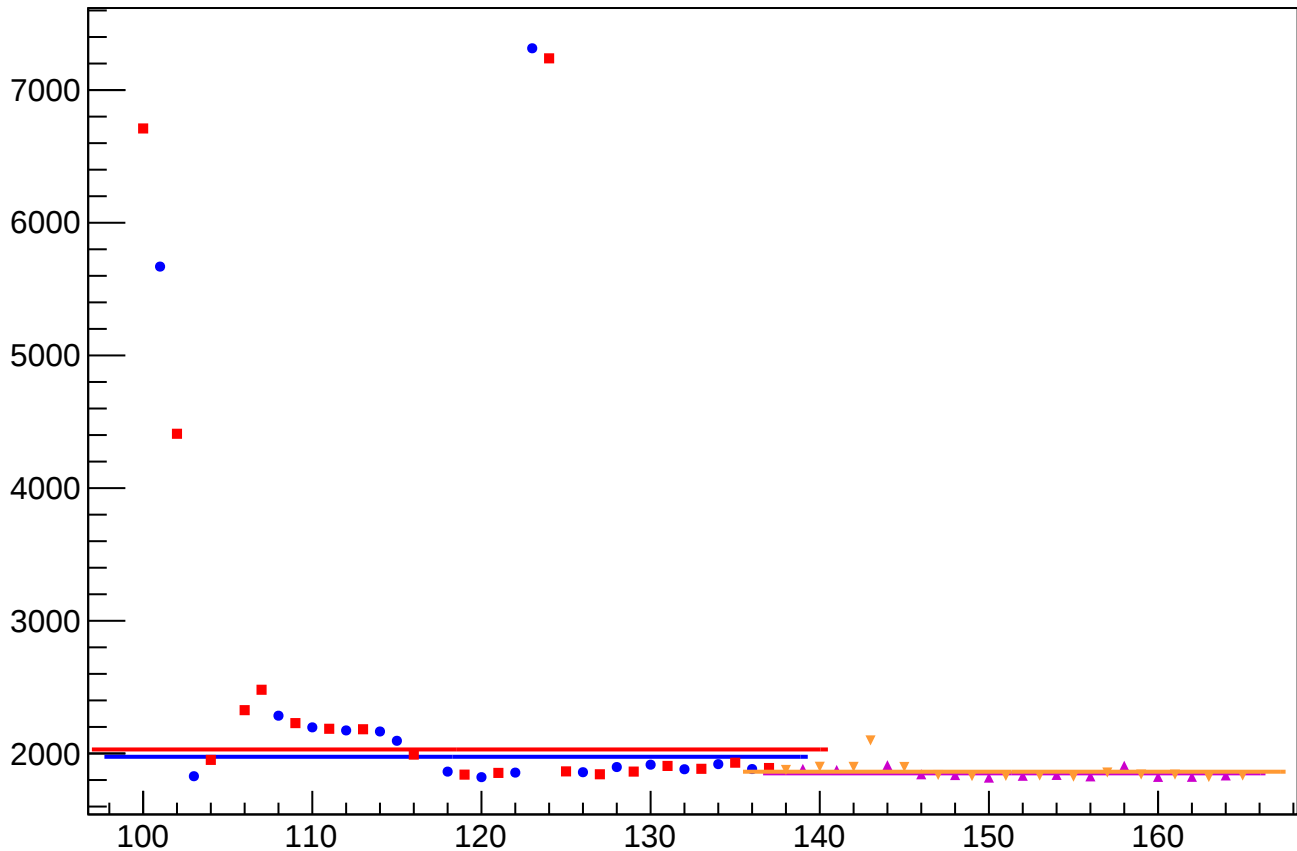
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2097.145+/-463.217 χ^2/NDF :39.7/29

Out: 2206.522+/-453.287 χ^2/NDF :31.7/33

All: 2153.019+/-323.976 χ^2/NDF : 71.4/63

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1862.611+/-0.393 χ^2/NDF : 24730.0/14

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

Left In: 1850.214+/-0.407 χ^2/NDF : 5873.3/12

Left: 1856.617+/-0.283 χ^2/NDF : 31083.3/27

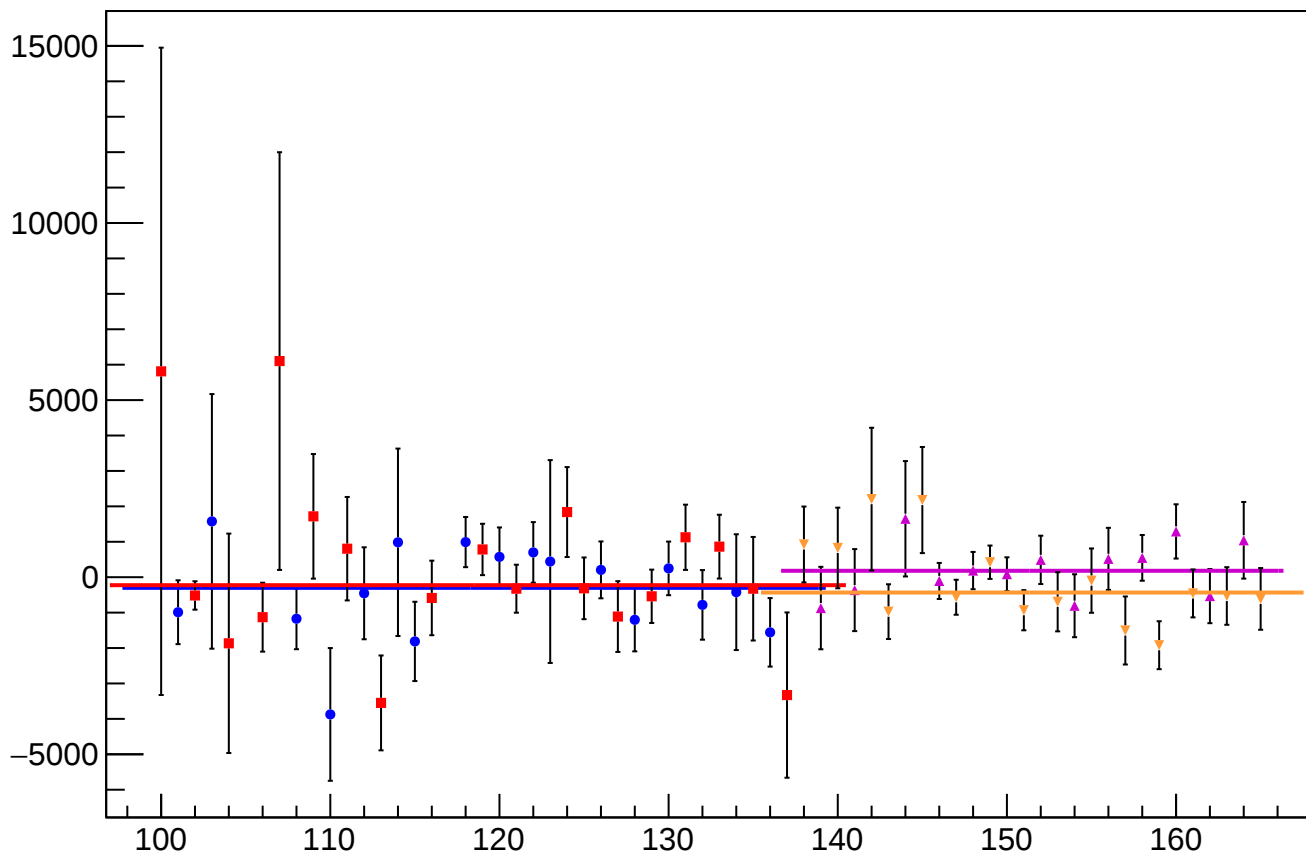
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1894.081+/-0.328 χ^2/NDF : 638835.5/29

Out: 1919.046+/-0.321 χ^2/NDF : 689791.3/33

All: 1906.834+/-0.229 χ^2/NDF : 1331594.4/63

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2 /NDF: 17.3/16

Left Out: -432.678 $\pm$ 193.664 χ^2 /NDF:18.6/14

Right Out: -225.432 $\pm$ 215.564 χ^2 /NDF: 22.2/18

Left In: 180.861 $\pm$ 199.510 χ^2 /NDF:7.7/12

Left: -135.029 $\pm$ 138.962 χ^2 /NDF: 31.2/27

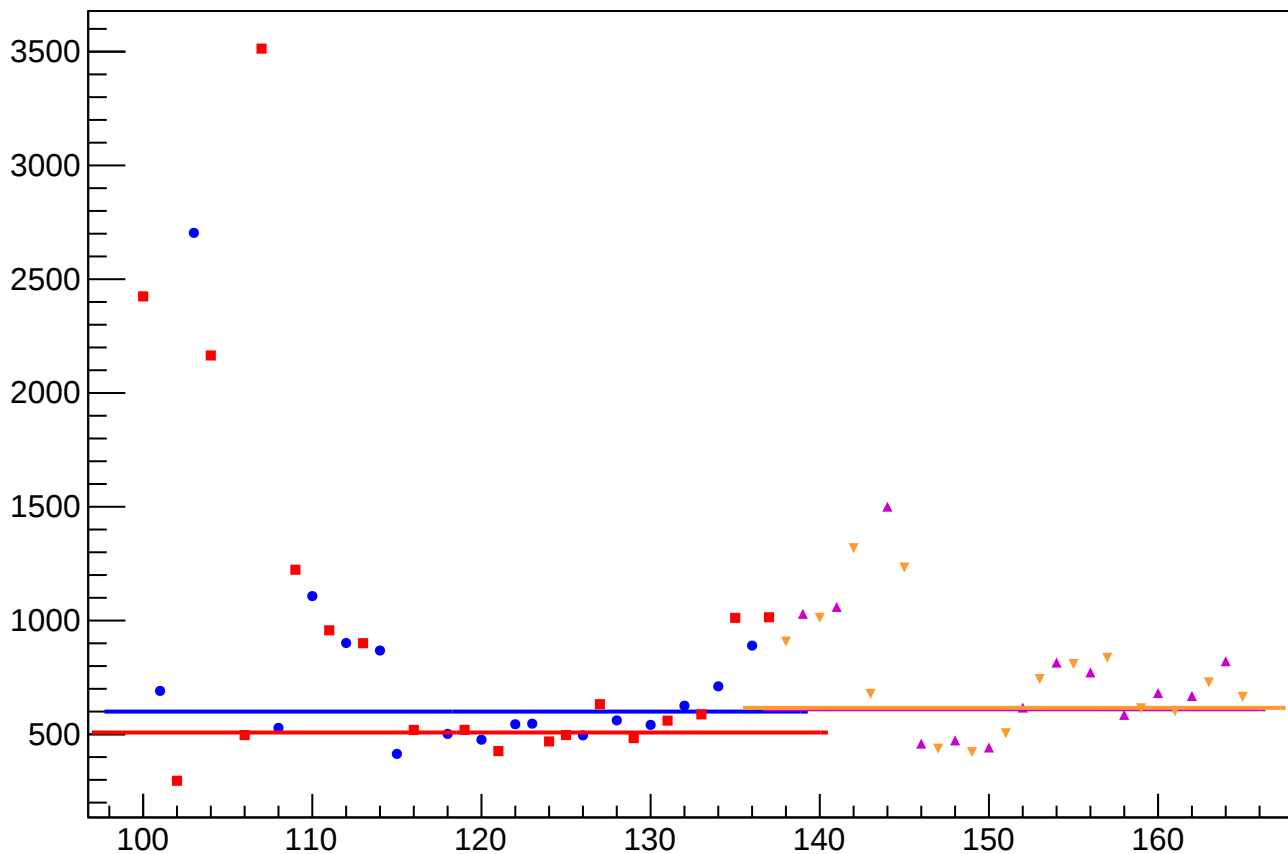
Right: -257.724 $\pm$ 162.302 χ^2 /NDF: 39.6/35

In: -9.353 $\pm$ 155.108 χ^2 /NDF:27.4/29

Out: -340.114 $\pm$ 144.064 χ^2 /NDF:41.3/33

All: -186.928 $\pm$ 105.557 χ^2 /NDF: 71.1/63

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 616.340 $\pm$ 0.137 χ^2 /NDF:1952018.5/14

Right Out: 507.943 $\pm$ 0.152 χ^2 /NDF: 2848884.0/18

Left In: 609.966 $\pm$ 0.141 χ^2 /NDF:2002371.7/12

Left: 613.248 $\pm$ 0.098 χ^2 /NDF: 3955441.4/27

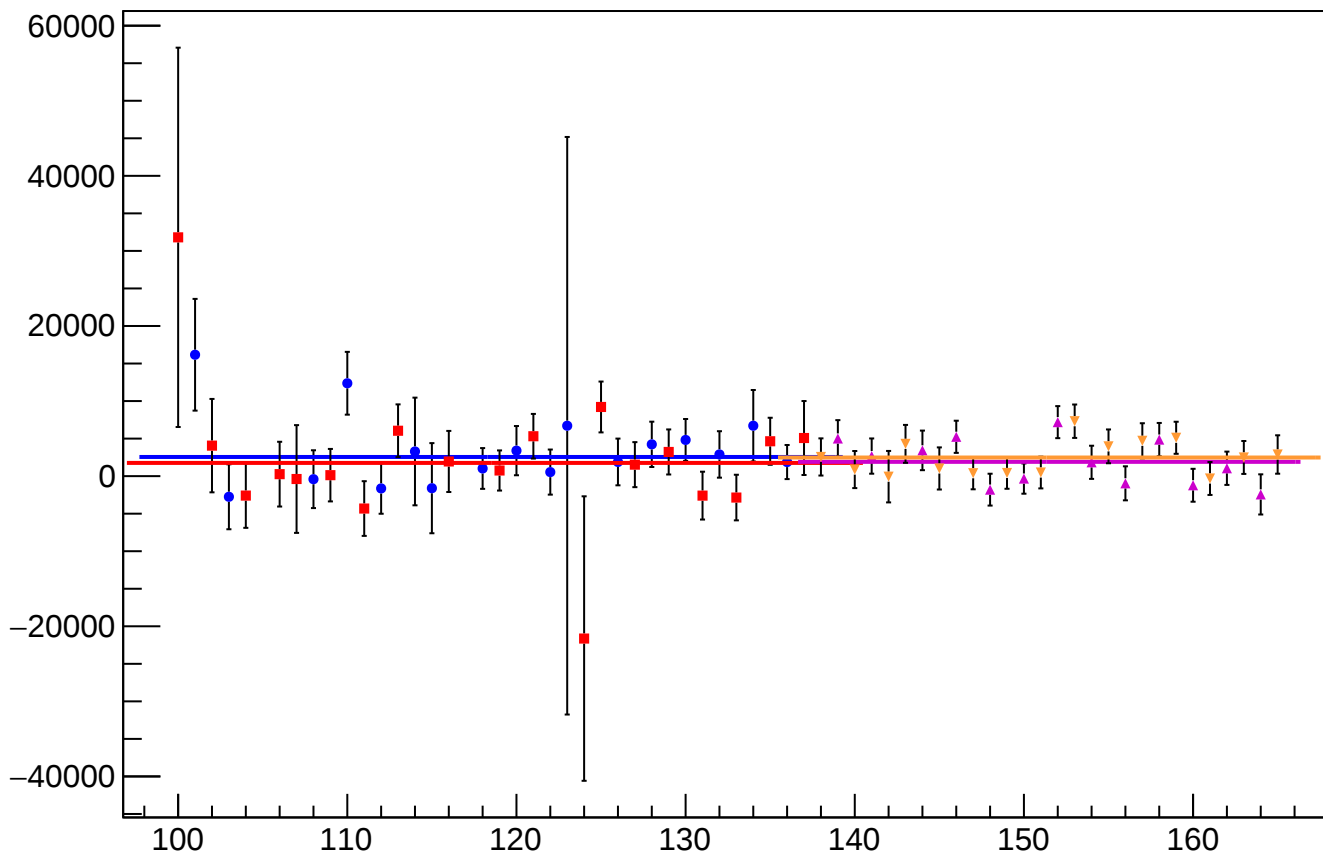
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 606.005 $\pm$ 0.110 χ^2 /NDF:3385413.6/29

Out: 567.926 $\pm$ 0.102 χ^2 /NDF:5080753.7/33

All: 585.562 $\pm$ 0.075 χ^2 /NDF: 8530882.1/63

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2480.740 $\pm$ 604.811 χ^2 /NDF:13.8/14

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

Left In: 1903.622 $\pm$ 625.793 χ^2 /NDF:23.1/12

Left: 2202.018 $\pm$ 434.895 χ^2 /NDF: 37.3/27

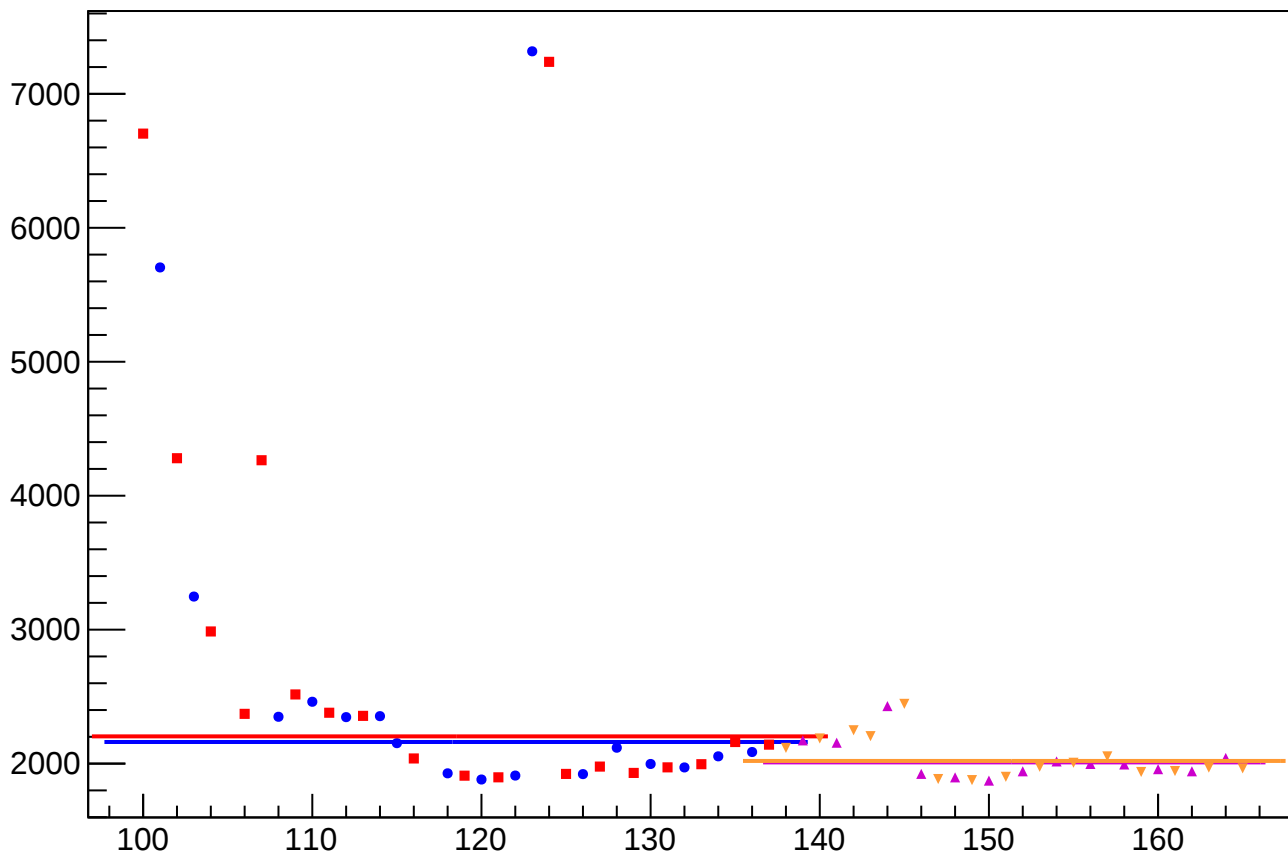
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2129.012 $\pm$ 505.783 χ^2 /NDF:39.2/29

Out: 2240.746 $\pm$ 493.699 χ^2 /NDF:35.2/33

All: 2186.230 $\pm$ 353.293 χ^2 /NDF: 74.4/63

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2019.922+/-0.428 χ^2/NDF : 110195.0/14

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

Left In: 2009.021+/-0.443 χ^2/NDF : 90847.7/12

Left: 2014.657+/-0.308 χ^2/NDF : 201356.4/27

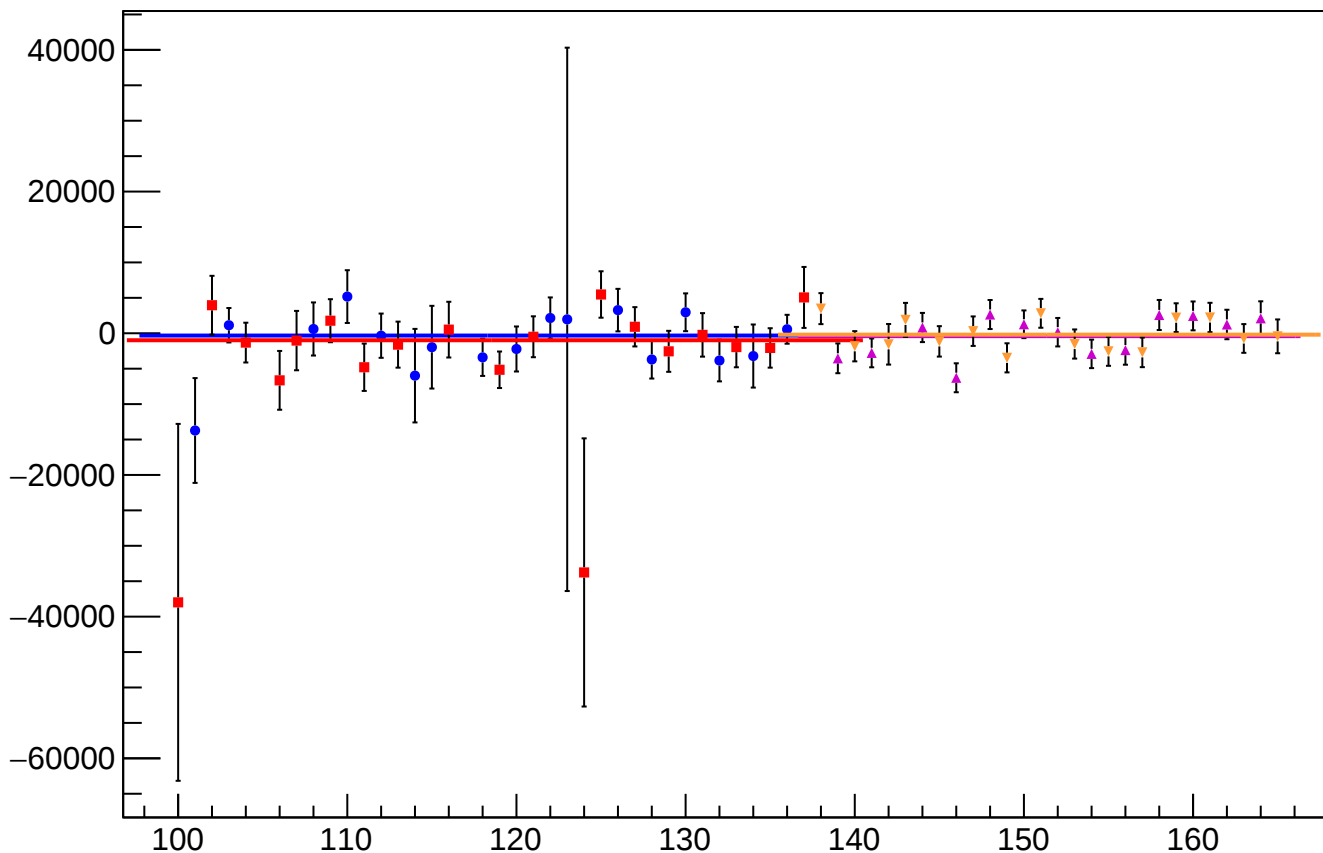
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2061.868+/-0.358 χ^2/NDF : 843231.0/29

Out: 2081.125+/-0.349 χ^2/NDF : 968966.6/33

All: 2071.729+/-0.250 χ^2/NDF : 1813682.4/63

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -198.524 $\pm$ 554.753 χ^2 /NDF:15.4/14

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

Left In: -407.998 $\pm$ 573.638 χ^2 /NDF:23.3/12

Left: -299.756 $\pm$ 398.779 χ^2 /NDF: 38.8/27

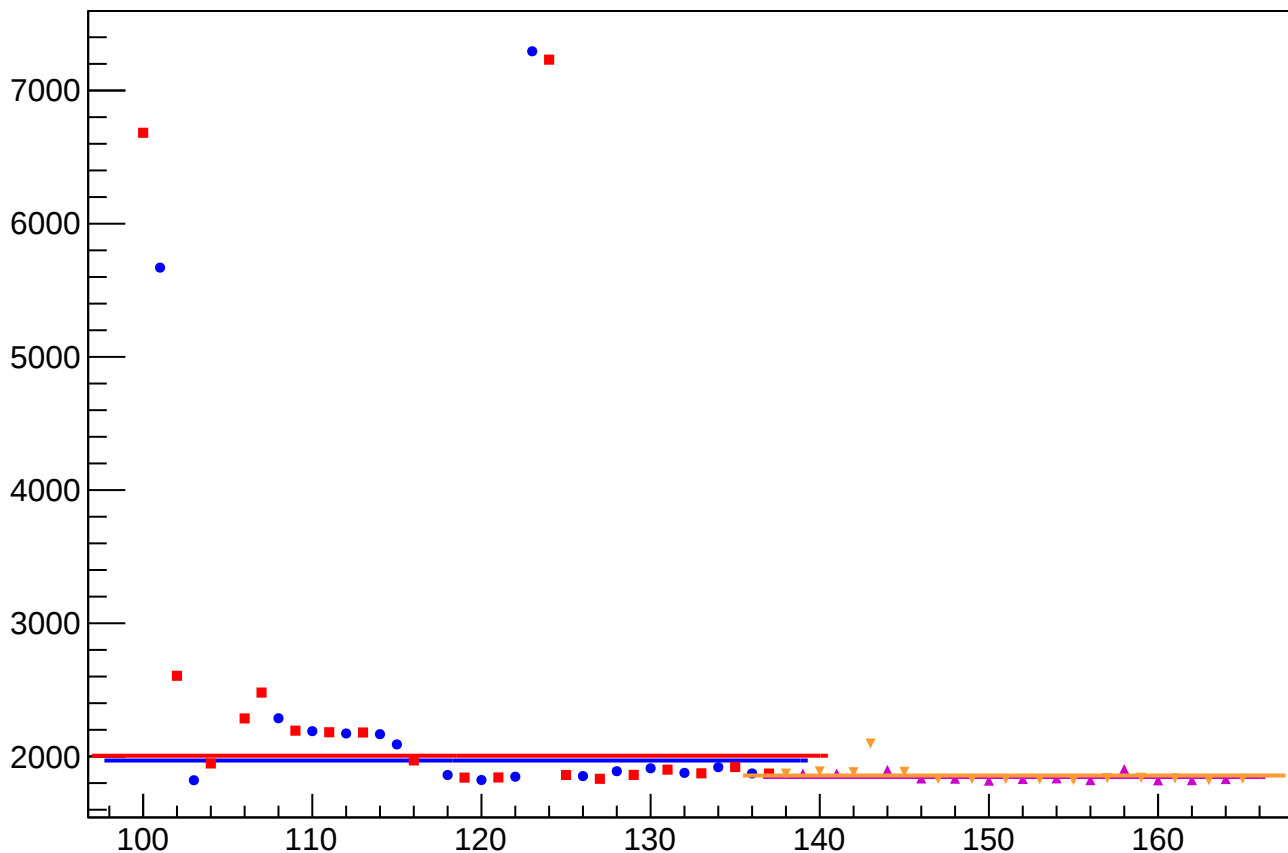
Right: -658.915 $\pm$ 547.776 χ^2 /NDF: 36.4/35

In: -378.397 $\pm$ 462.019 χ^2 /NDF:39.1/29

Out: -467.604 $\pm$ 450.088 χ^2 /NDF:36.4/33

All: -424.167 $\pm$ 322.396 χ^2 /NDF: 75.5/63

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1856.950+/-0.392 χ^2/NDF : 24227.8/14

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

Left In: 1845.601+/-0.406 χ^2/NDF : 5124.4/12

Left: 1851.465+/-0.282 χ^2/NDF : 29756.7/27

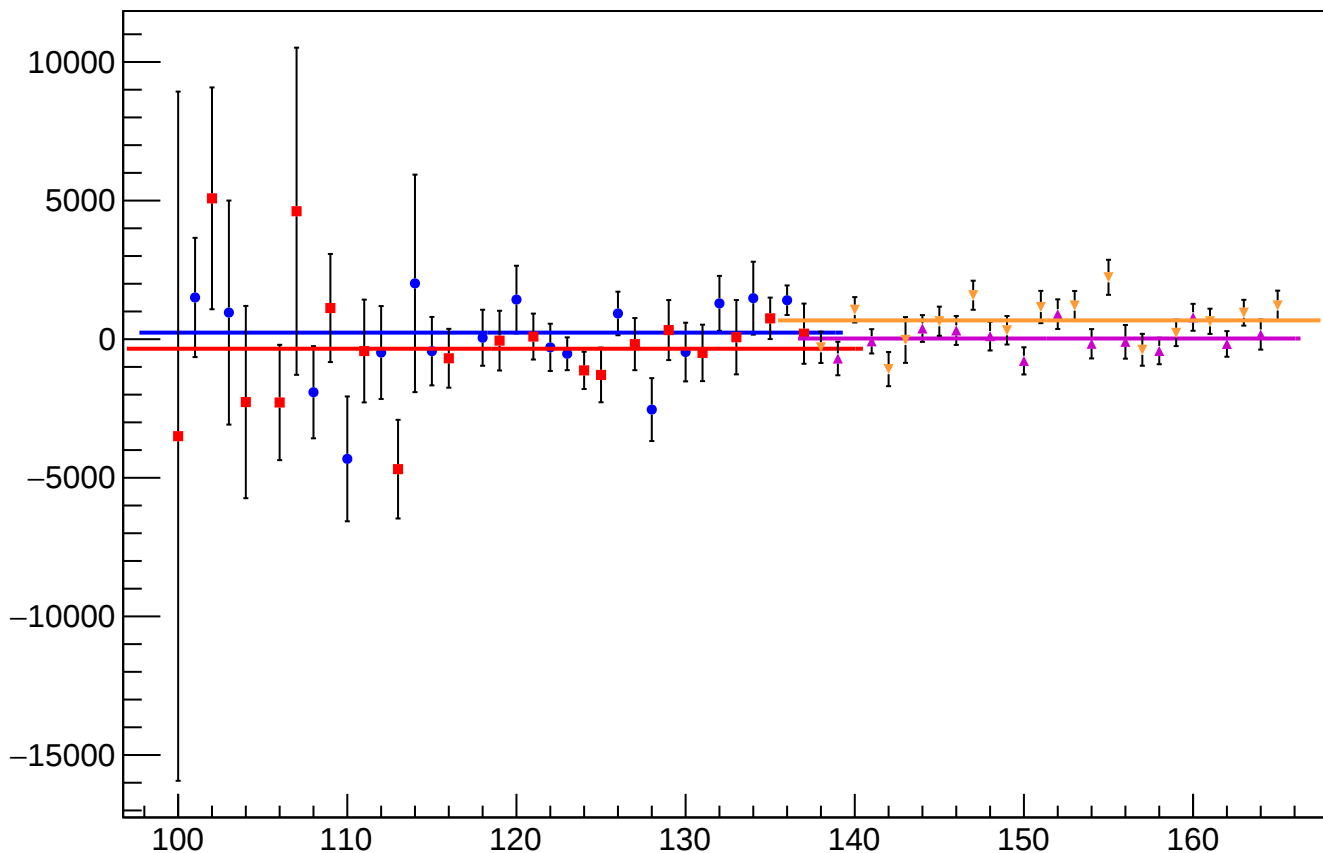
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1889.124+/-0.327 χ^2/NDF : 640708.9/29

Out: 1907.734+/-0.318 χ^2/NDF : 432915.4/33

All: 1898.672+/-0.228 χ^2/NDF : 1075289.0/63

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 678.776 $\pm$ 138.033 χ^2 /NDF:29.4/14

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

Left In: 24.711 $\pm$ 141.108 χ^2 /NDF:11.6/12

Left: 358.948 $\pm$ 98.673 χ^2 /NDF: 52.0/27

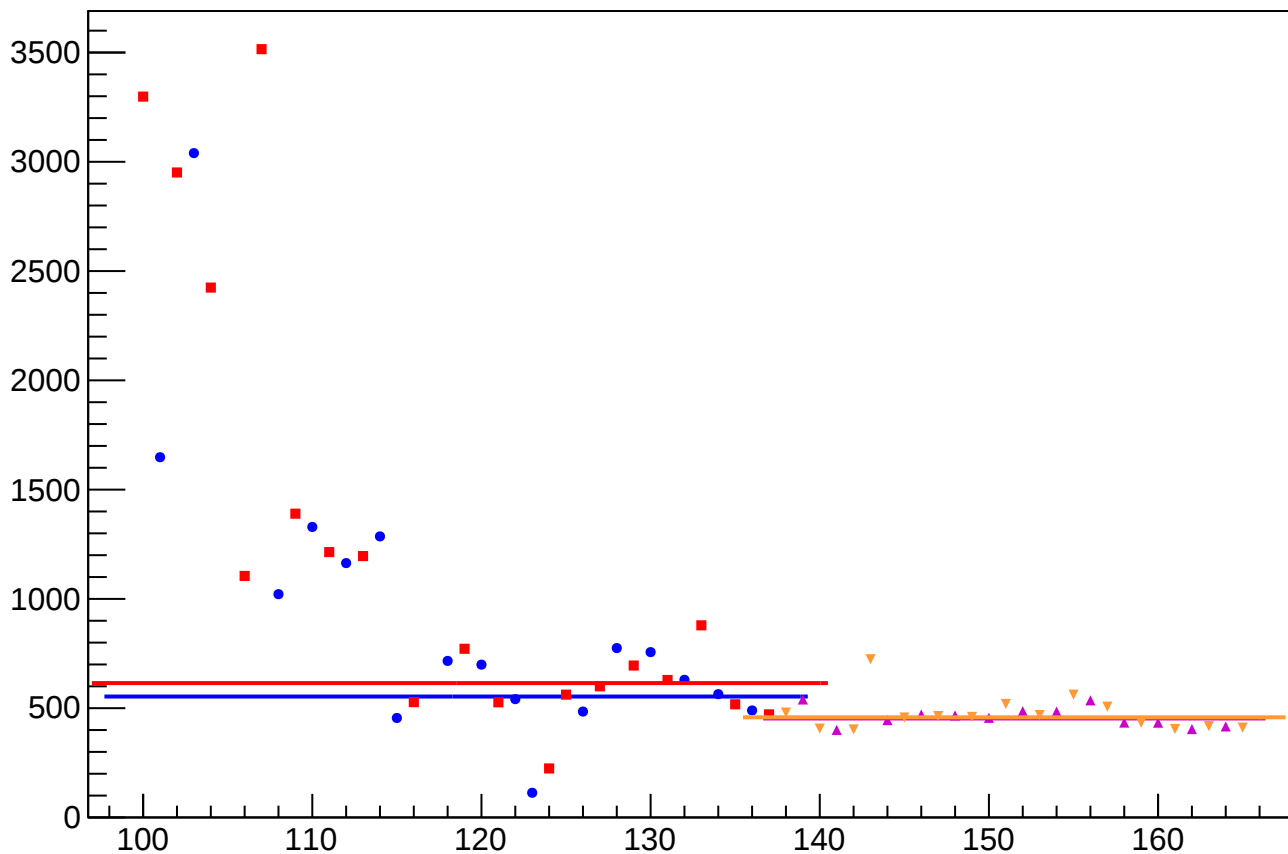
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 76.406 $\pm$ 122.718 χ^2 /NDF:36.0/29

Out: 464.939 $\pm$ 122.763 χ^2 /NDF:56.9/33

All: 270.602 $\pm$ 86.790 χ^2 /NDF: 97.9/63

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 458.169+/-0.098 χ^2/NDF : 406648.5/14

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

Left In: 452.939+/-0.100 χ^2/NDF : 163443.4/12

Left: 455.611+/-0.070 χ^2/NDF : 571495.8/27

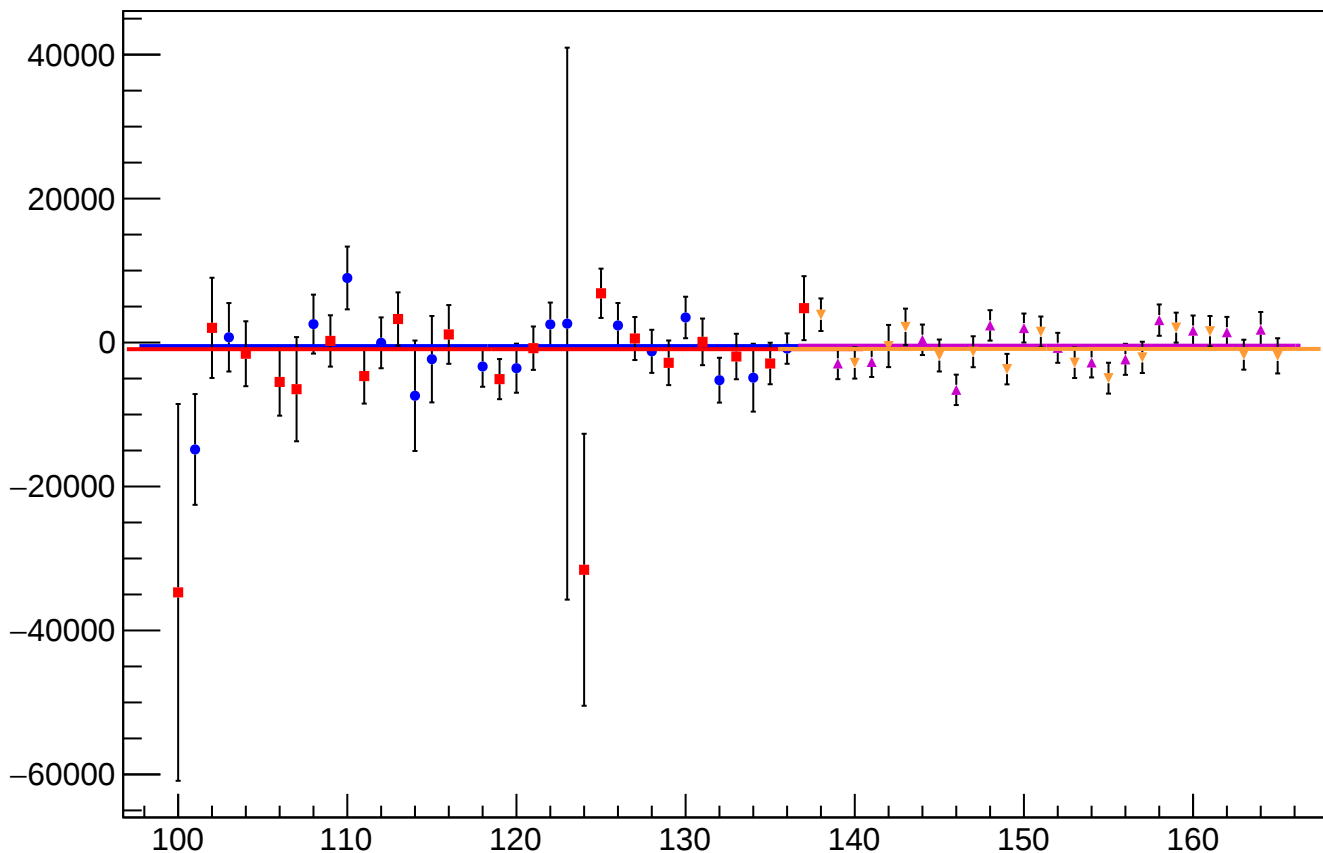
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 477.389+/-0.087 χ^2/NDF : 3822615.4/29

Out: 490.914+/-0.087 χ^2/NDF : 4514739.2/33

All: 484.149+/-0.061 χ^2/NDF : 8349497.0/63

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -886.478+/-573.241 χ^2/NDF : 18.2/14

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

Left In: -434.878+/-591.536 χ^2/NDF : 21.6/12

Left: -667.770+/-411.658 χ^2/NDF : 40.1/27

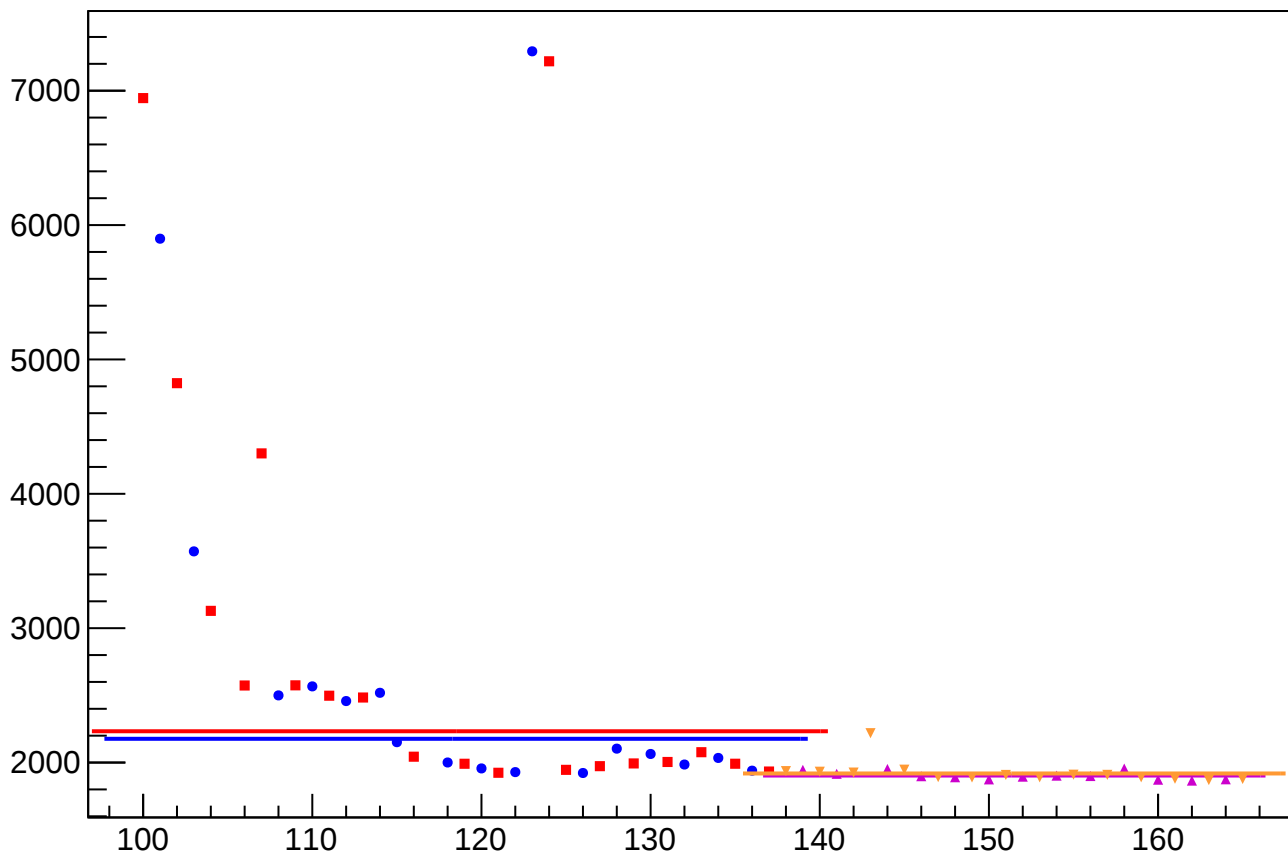
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -452.975+/-488.815 χ^2/NDF : 40.2/29

Out: -897.226+/-478.451 χ^2/NDF : 37.2/33

All: -679.860+/-341.921 χ^2/NDF : 77.8/63

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1918.723+/-0.405 χ^2/NDF : 32352.6/14

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

Left In: 1903.388+/-0.418 χ^2/NDF : 4869.0/12

Left: 1911.296+/-0.291 χ^2/NDF : 37914.9/27

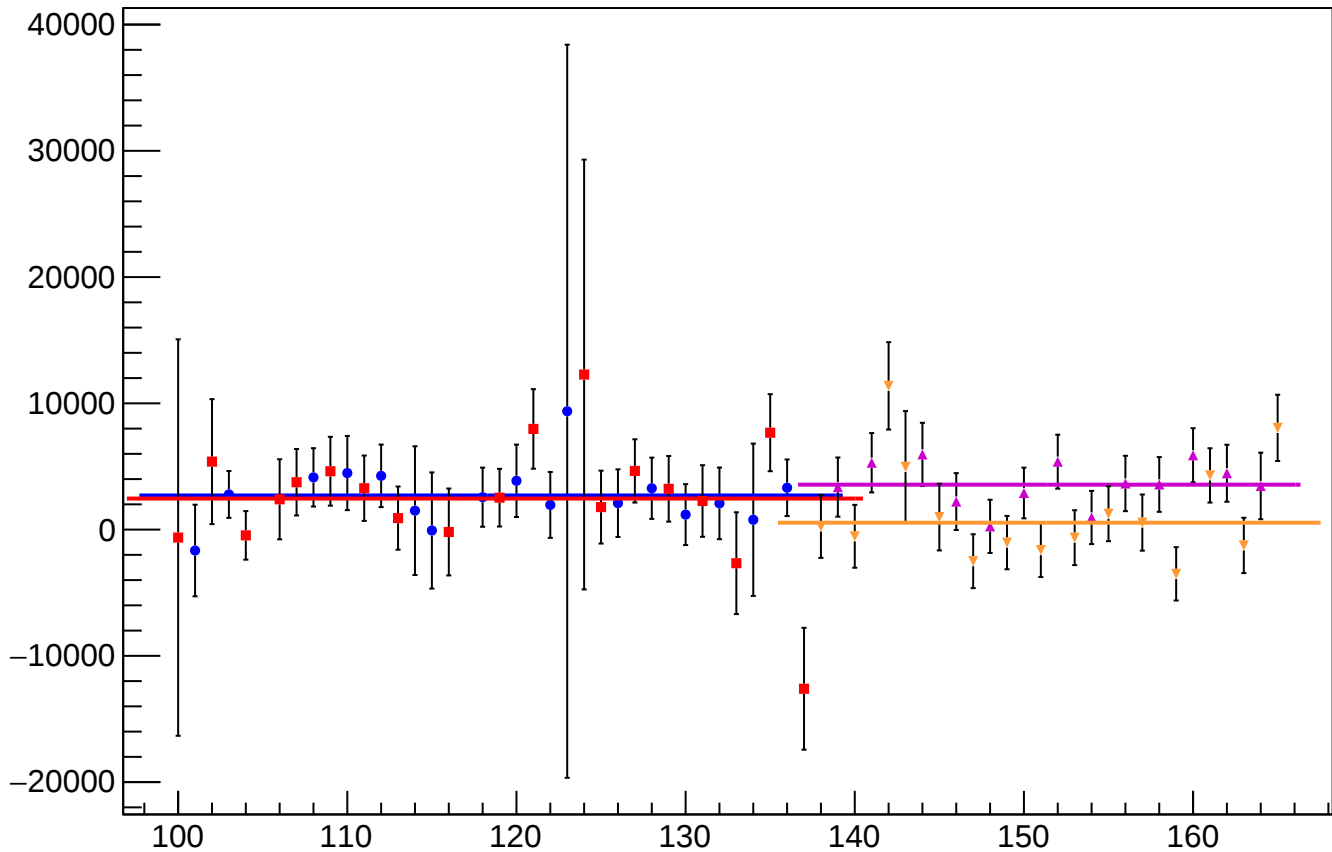
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 1990.083+/-0.346 χ^2/NDF : 943002.0/29

Out: 2014.031+/-0.338 χ^2/NDF : 1105141.1/33

All: 2002.313+/-0.242 χ^2/NDF : 2050594.7/63

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 546.254 $\pm$ 610.731 χ^2/NDF :30.7/14

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

Left In: 3558.028 $\pm$ 618.424 χ^2/NDF :8.0/12

Left: 2033.291 $\pm$ 434.547 χ^2/NDF : 50.6/27

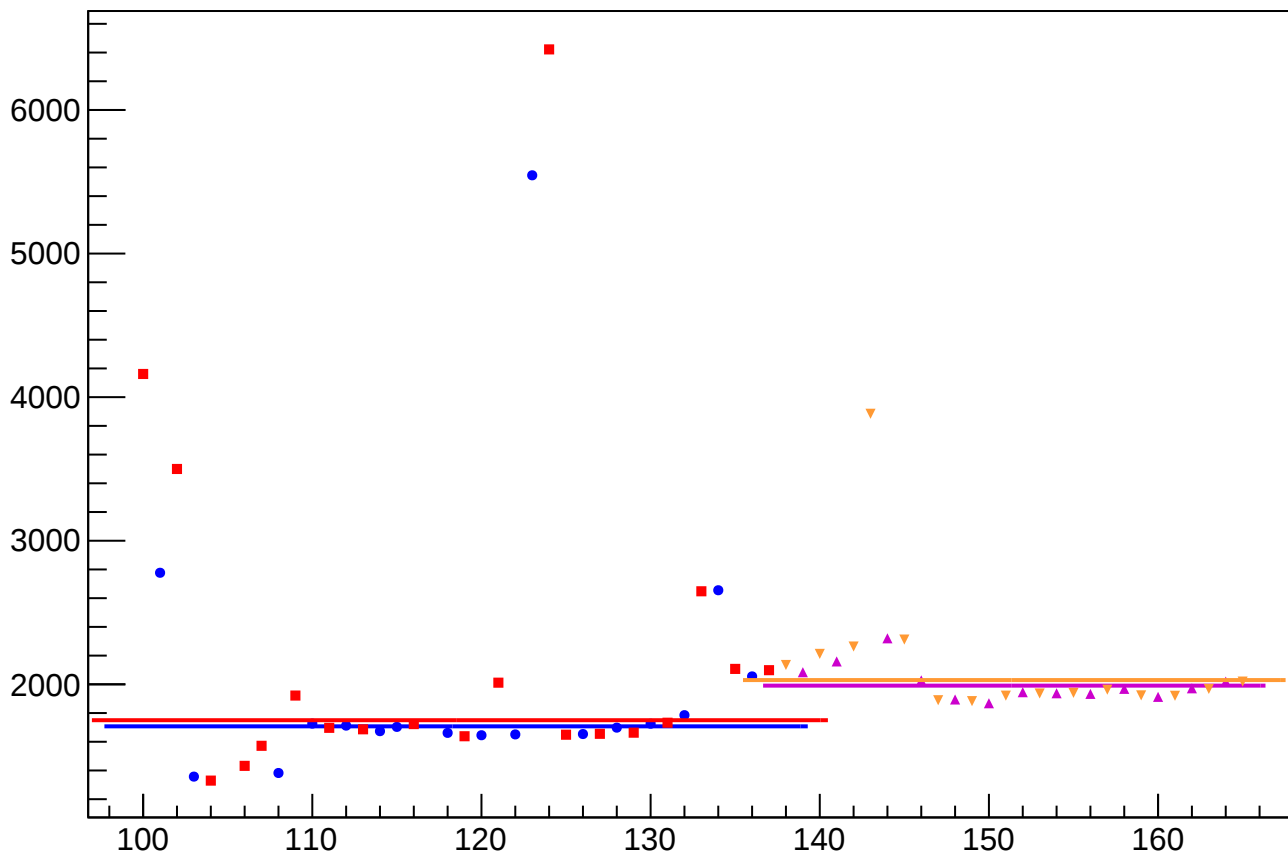
Right: 2582.696 $\pm$ 479.575 χ^2/NDF : 27.3/35

In: 3167.381 $\pm$ 455.644 χ^2/NDF :12.9/29

Out: 1396.505 $\pm$ 455.157 χ^2/NDF :58.2/33

All: 2280.996 $\pm$ 322.016 χ^2/NDF : 78.7/63

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2029.580+/-0.432 χ^2/NDF : 442481.4/14

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

Left In: 1990.887+/-0.437 χ^2/NDF : 67051.2/12

Left: 2010.476+/-0.307 χ^2/NDF : 513496.3/27

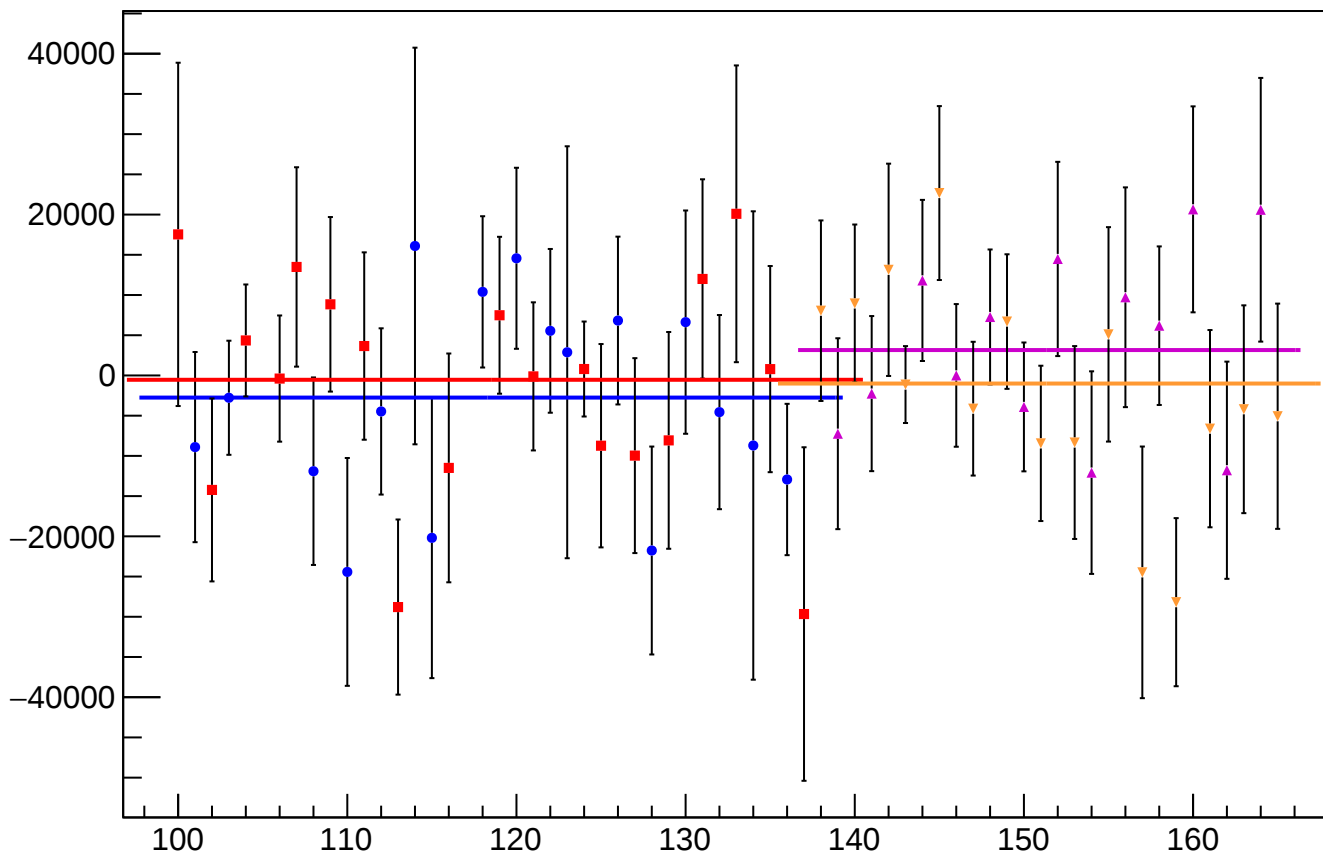
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1861.284+/-0.322 χ^2/NDF : 681362.4/29

Out: 1905.297+/-0.322 χ^2/NDF : 1375217.9/33

All: 1883.317+/-0.228 χ^2/NDF : 2065922.3/63

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Left: 734.024 $\pm$ 1910.672 χ^2/NDF : 30.2/27

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

In: 87.950 $\pm$ 2048.741 χ^2/NDF : 26.5/29

Out: -764.546 $\pm$ 1742.087 χ^2/NDF : 37.7/33

All: -406.811 $\pm$ 1327.154 χ^2/NDF : 64.3/63

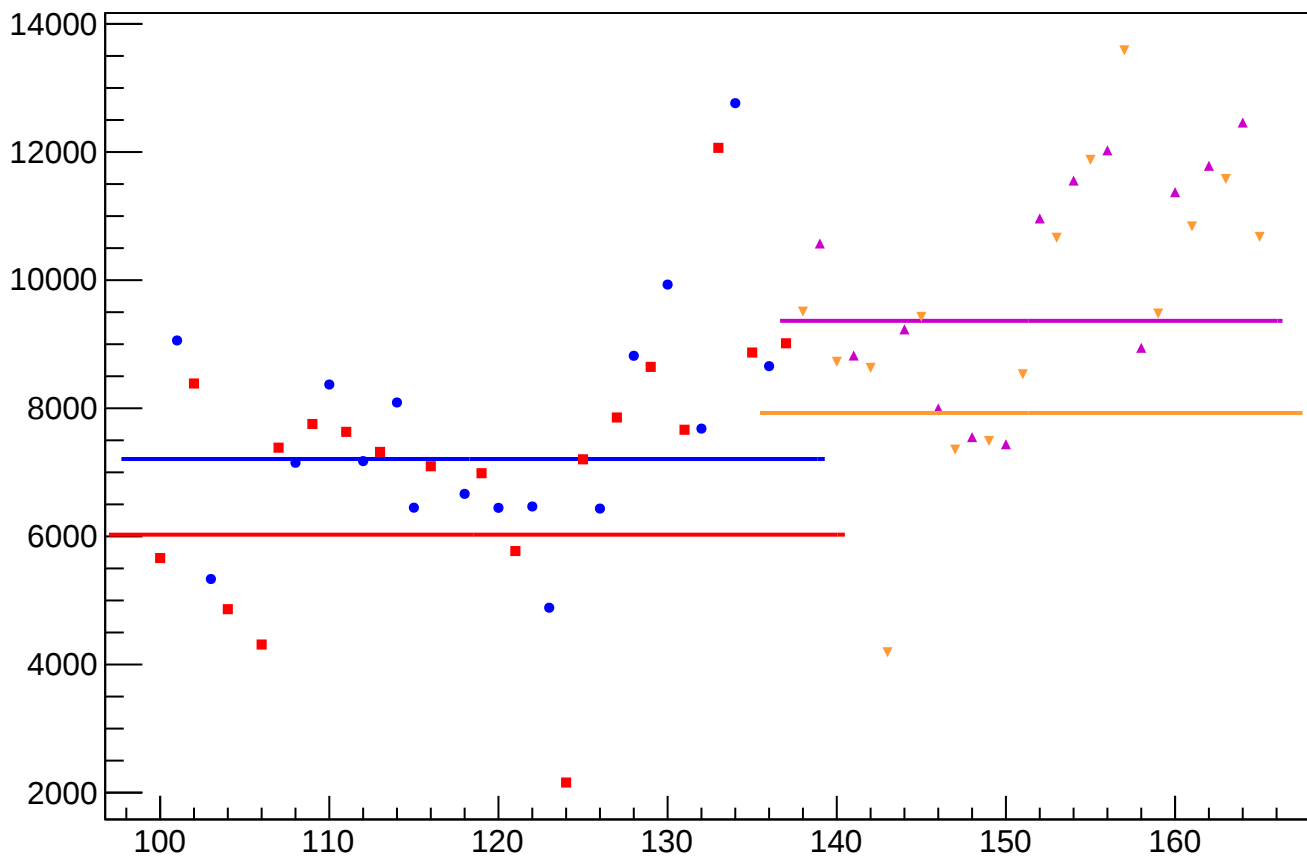
Right In: -2750.725 $\pm$ 2842.399 χ^2/NDF : 14.6/16

Left Out: -1005.681 $\pm$ 2504.303 χ^2/NDF : 19.2/14

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

Left In: 3157.298 $\pm$ 2955.631 χ^2/NDF : 9.9/12

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7926.972+/-1.771 χ^2/NDF : 2276932.0/14

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

Left In: 9365.136+/-2.090 χ^2/NDF : 644200.8/12

Left: 8527.980+/-1.351 χ^2/NDF : 3196774.2/27

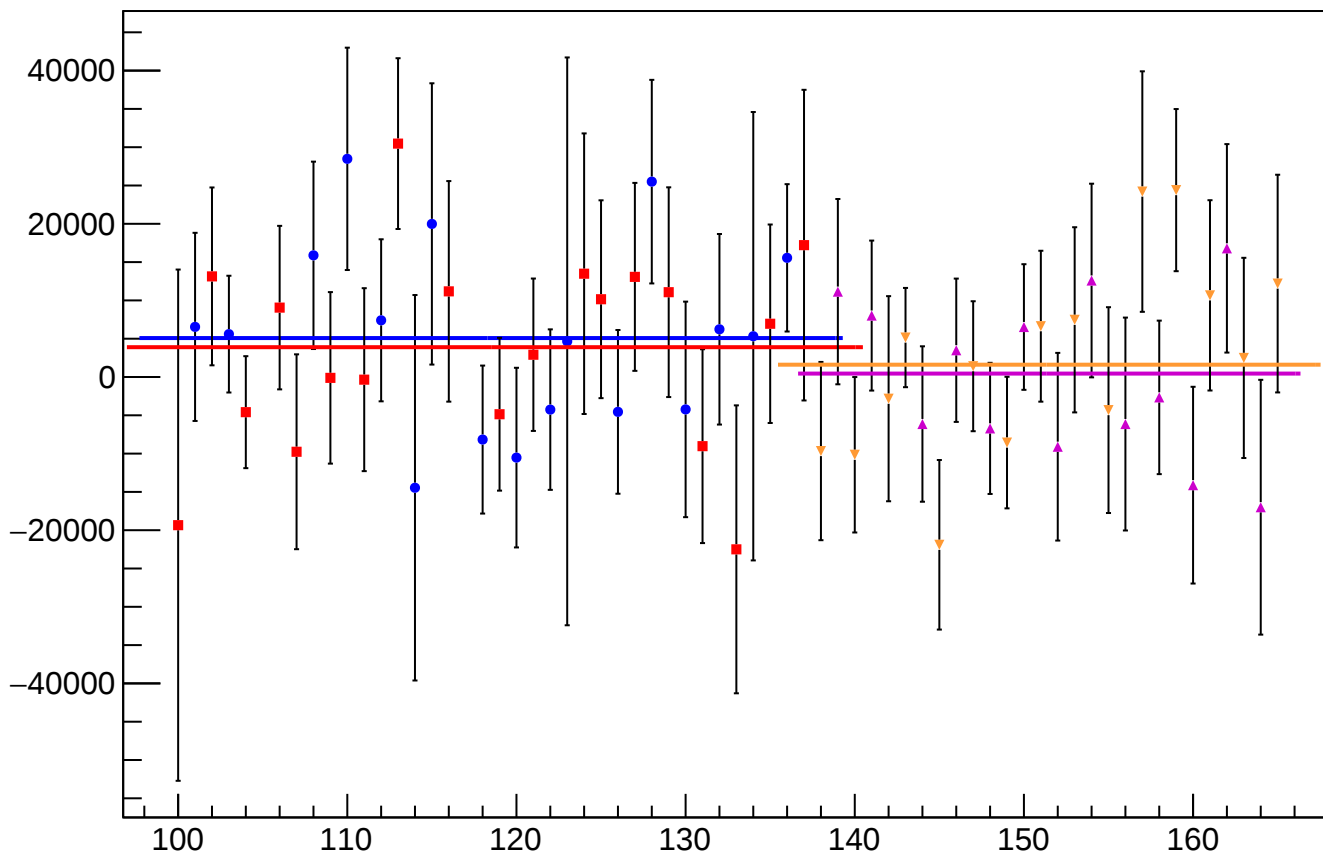
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8244.636+/-1.449 χ^2/NDF : 1691236.0/29

Out: 6946.629+/-1.232 χ^2/NDF : 4668954.8/33

All: 7491.315+/-0.938 χ^2/NDF : 6826112.8/63

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1607.559 $\pm$ 2720.837 χ^2 /NDF:17.1/14

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

Left In: 446.863 $\pm$ 3014.152 χ^2 /NDF:8.8/12

Left: 1086.419 $\pm$ 2019.681 χ^2 /NDF: 26.0/27

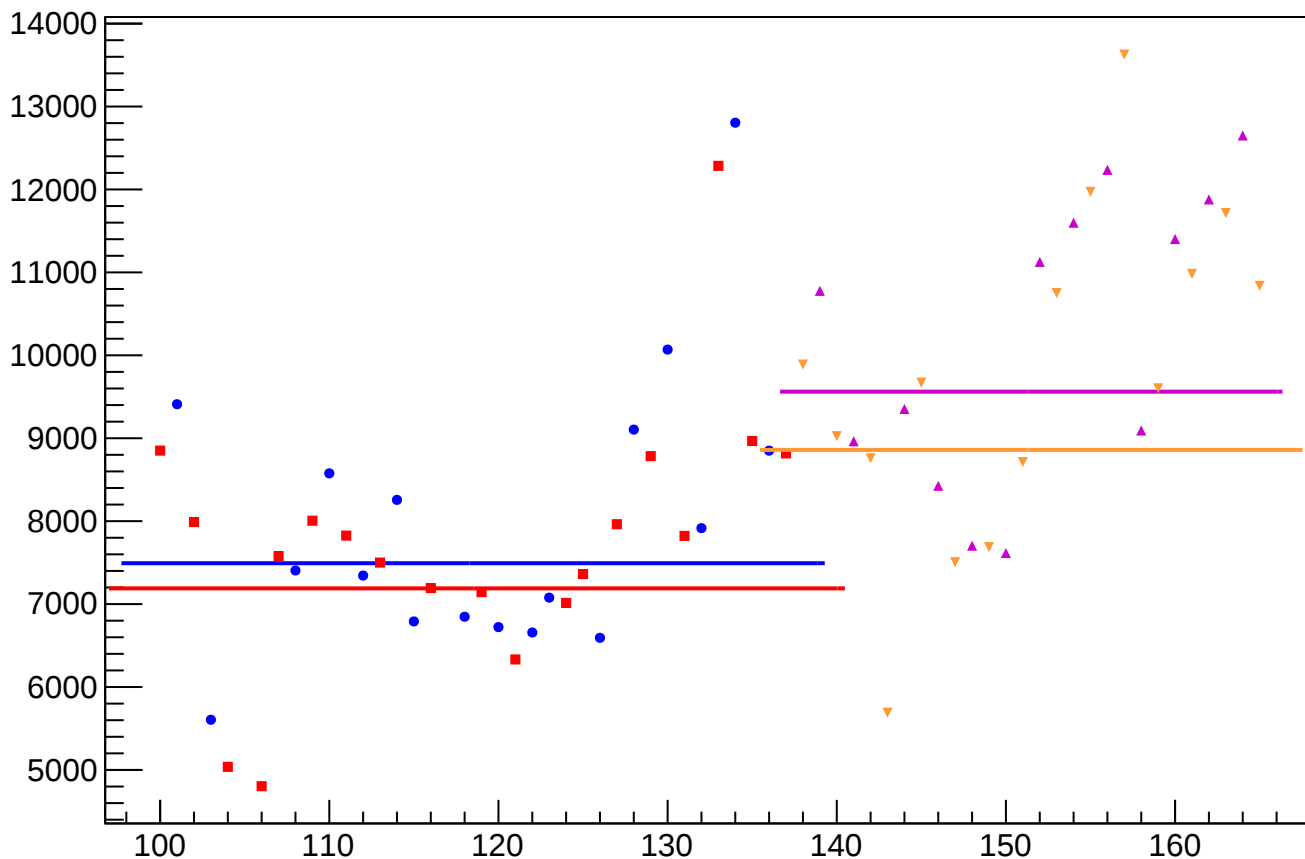
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

In: 2811.507 $\pm$ 2110.192 χ^2 /NDF:24.0/29

Out: 2721.006 $\pm$ 1948.007 χ^2 /NDF:33.1/33

All: 2762.646 $\pm$ 1431.356 χ^2 /NDF: 57.1/63

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8859.227+/-1.924 χ^2/NDF : 1137407.0/14

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

Left In: 9561.702+/-2.131 χ^2/NDF : 595962.8/12

Left: 9174.630+/-1.428 χ^2/NDF : 1793227.8/27

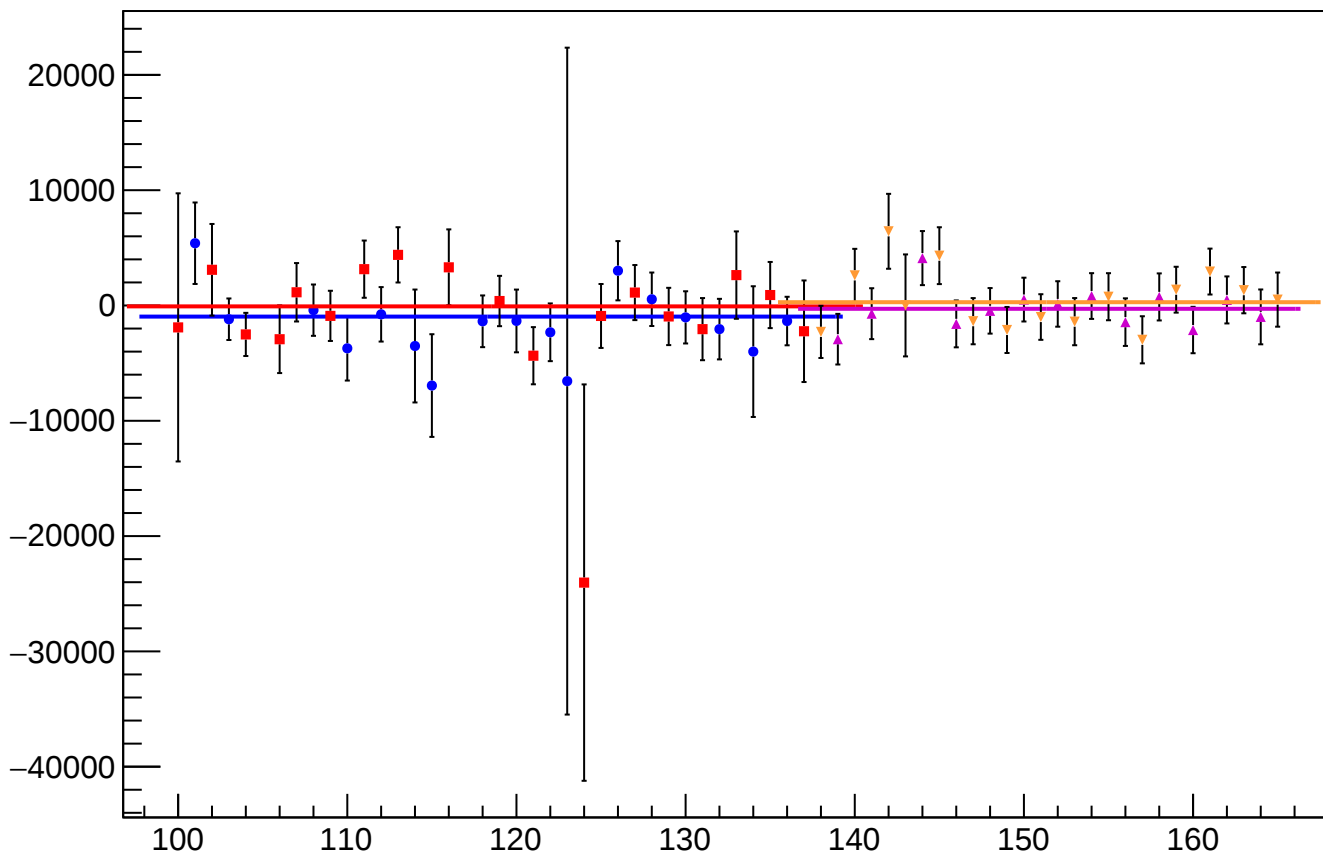
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8506.870+/-1.492 χ^2/NDF : 1513441.7/29

Out: 8045.292+/-1.377 χ^2/NDF : 2065463.9/33

All: 8257.652+/-1.012 χ^2/NDF : 3630573.7/63

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 286.065+/-567.610 χ^2/NDF : 16.8/14

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

Left In: -287.517+/-575.431 χ^2/NDF : 7.6/12

Left: 3.198+/-404.098 χ^2/NDF : 24.9/27

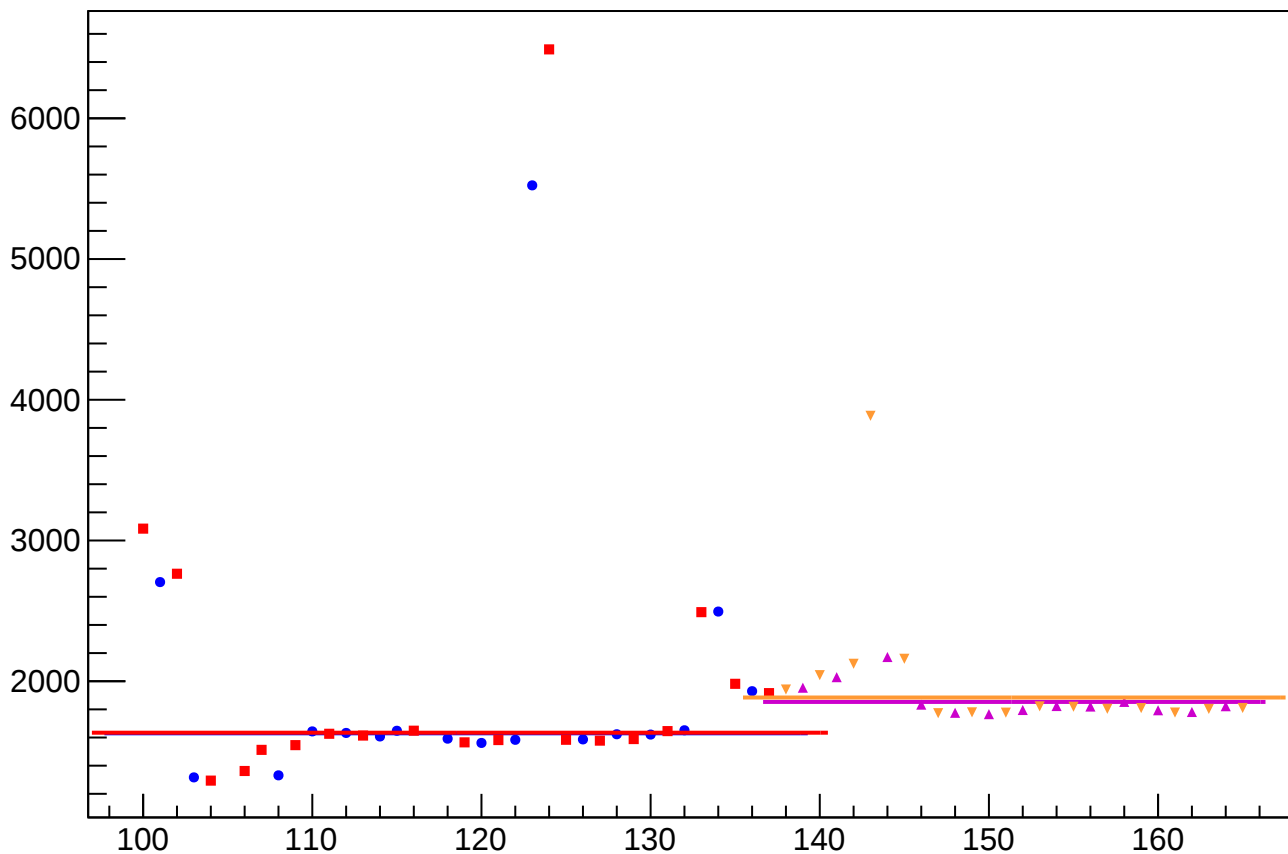
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -587.697+/-428.804 χ^2/NDF : 18.3/29

Out: 124.497+/-422.738 χ^2/NDF : 33.7/33

All: -226.527+/-301.043 χ^2/NDF : 53.4/63

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1884.329+/-0.401 χ^2/NDF : 495014.4/14

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

Left In: 1852.872+/-0.407 χ^2/NDF : 68542.1/12

Left: 1868.816+/-0.286 χ^2/NDF : 566586.0/27

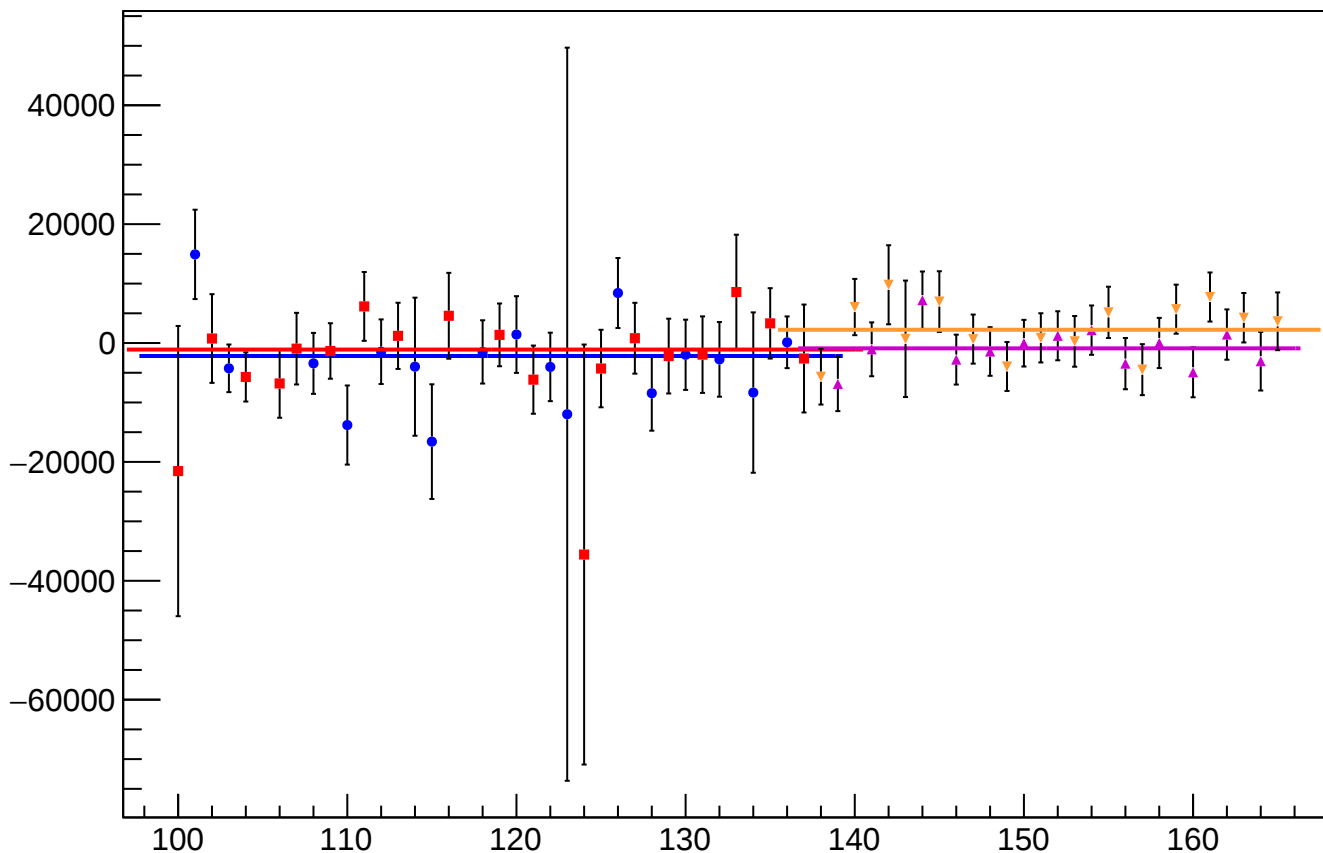
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1753.741+/-0.303 χ^2/NDF : 610168.0/29

Out: 1772.967+/-0.299 χ^2/NDF : 1256538.8/33

All: 1763.491+/-0.213 χ^2/NDF : 1868745.6/63

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2231.154+/-1179.965 χ^2/NDF :14.1/14

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

Left In: -896.595+/-1194.255 χ^2/NDF :7.4/12

Left: 686.105+/-839.368 χ^2/NDF : 25.0/27

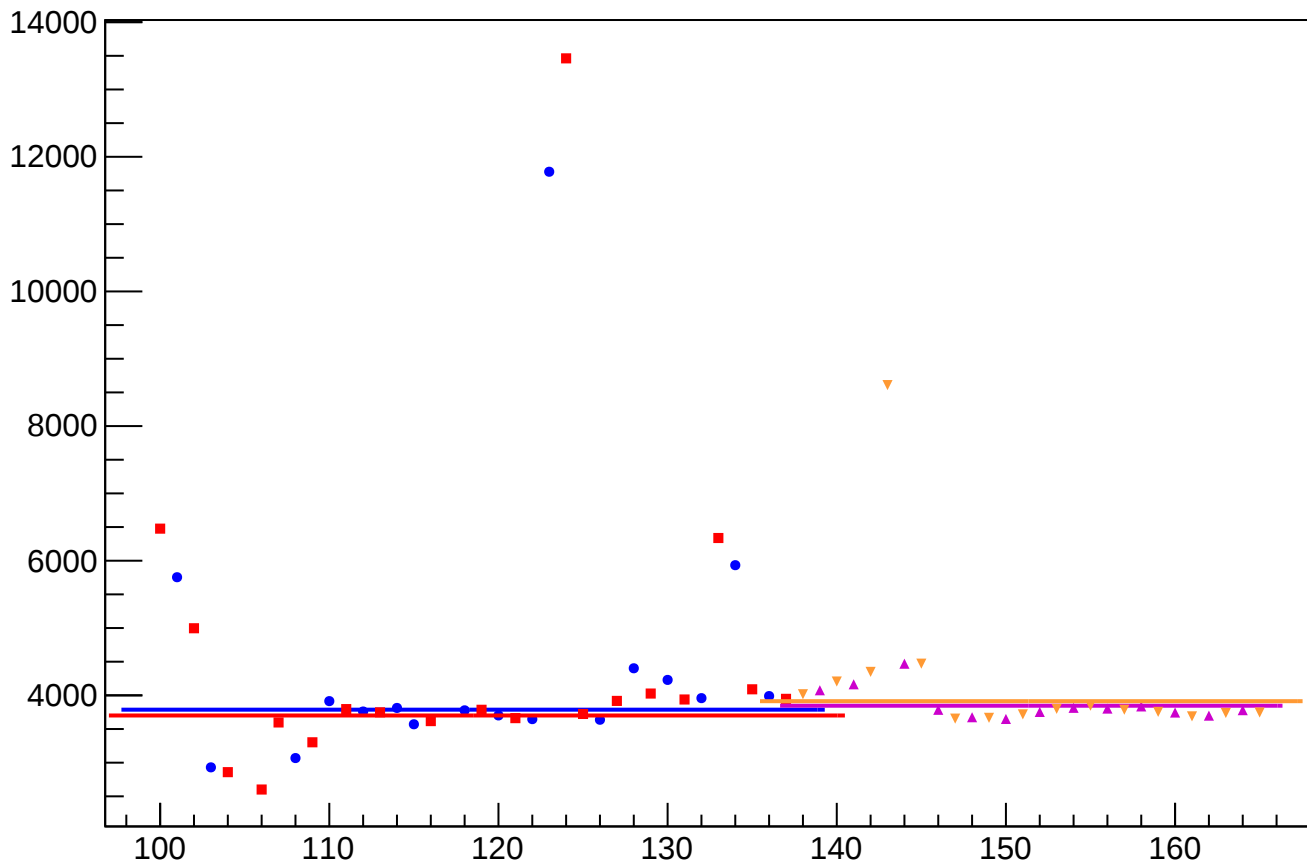
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1397.056+/-932.607 χ^2/NDF :23.9/29

Out: 893.439+/-912.642 χ^2/NDF :26.6/33

All: -227.030+/-652.280 χ^2/NDF : 53.5/63

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301 ± 1.056 $\chi^2/\text{NDF}: 392650.8/16$

Left Out: 3913.505 ± 0.834 $\chi^2/\text{NDF}: 538528.9/14$

Right Out: 3700.932 ± 1.018 $\chi^2/\text{NDF}: 581094.9/18$

Left In: 3846.121 ± 0.844 $\chi^2/\text{NDF}: 62541.4/12$

Left: 3880.218 ± 0.594 $\chi^2/\text{NDF}: 604292.2/27$

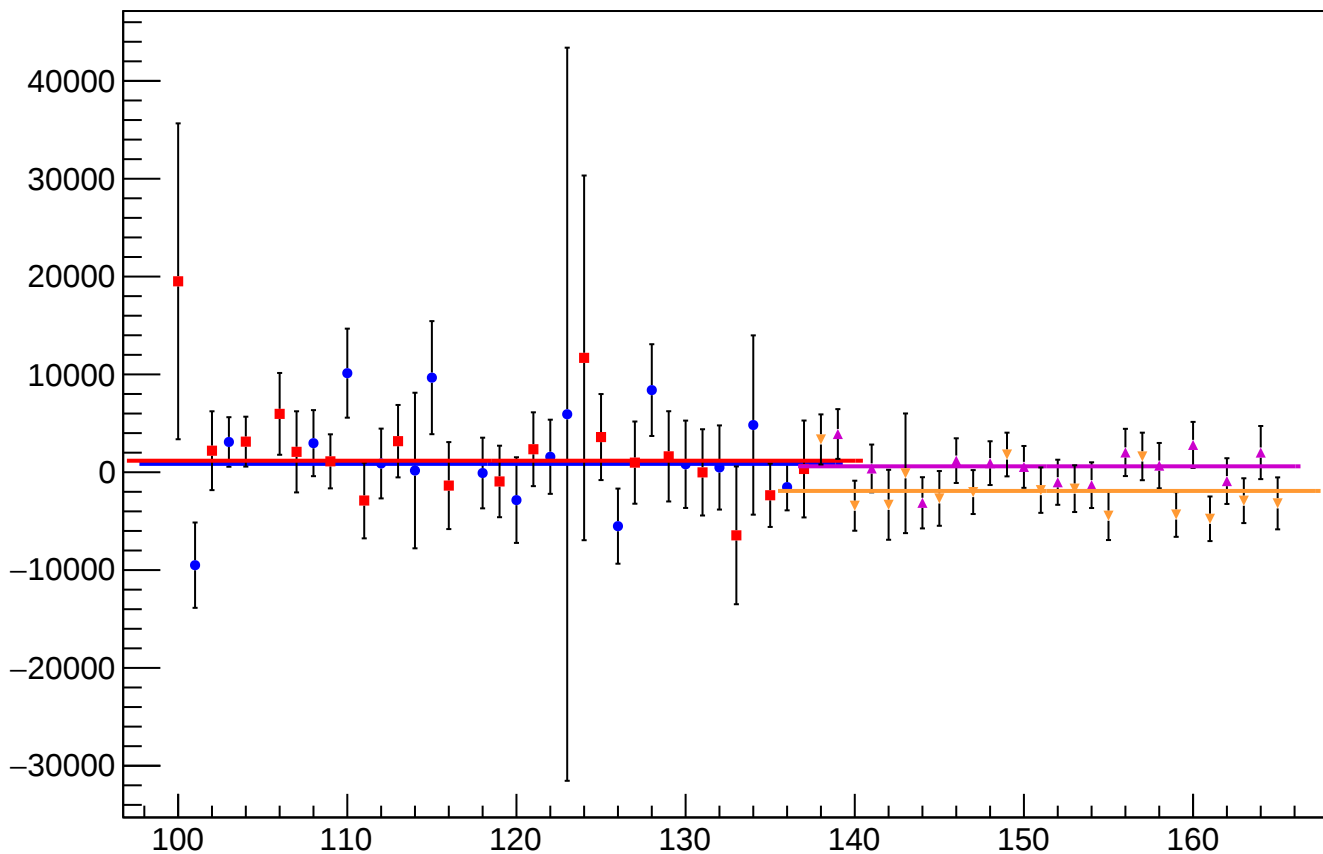
Right: 3742.549 ± 0.733 $\chi^2/\text{NDF}: 977213.6/35$

In: 3823.171 ± 0.659 $\chi^2/\text{NDF}: 457085.1/29$

Out: 3828.096 ± 0.645 $\chi^2/\text{NDF}: 1145703.5/33$

All: 3825.686 ± 0.461 $\chi^2/\text{NDF}: 1602817.2/63$

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1910.214 $\pm$ 652.935 χ^2 /NDF:13.9/14

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

Left In: 605.176 $\pm$ 658.418 χ^2 /NDF:6.9/12

Left: -663.035 $\pm$ 463.621 χ^2 /NDF: 28.2/27

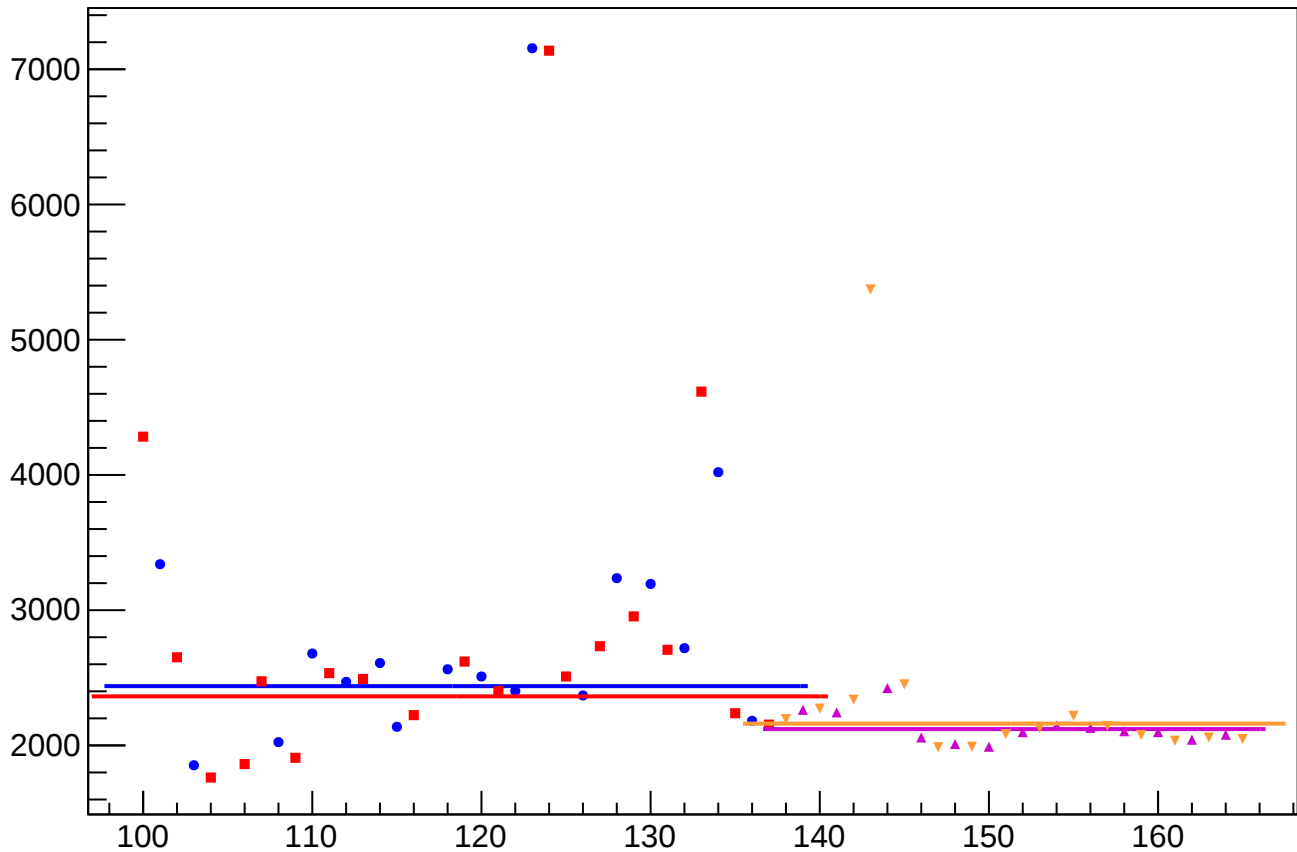
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 684.940 $\pm$ 543.835 χ^2 /NDF:27.6/29

Out: -884.175 $\pm$ 533.557 χ^2 /NDF:29.9/33

All: -114.586 $\pm$ 380.864 χ^2 /NDF: 61.7/63

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2161.239 ± 0.462 $\chi^2/\text{NDF}: 625768.5/14$

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

Left In: 2120.782 ± 0.466 $\chi^2/\text{NDF}: 55428.6/12$

Left: 2141.180 ± 0.328 $\chi^2/\text{NDF}: 685004.3/27$

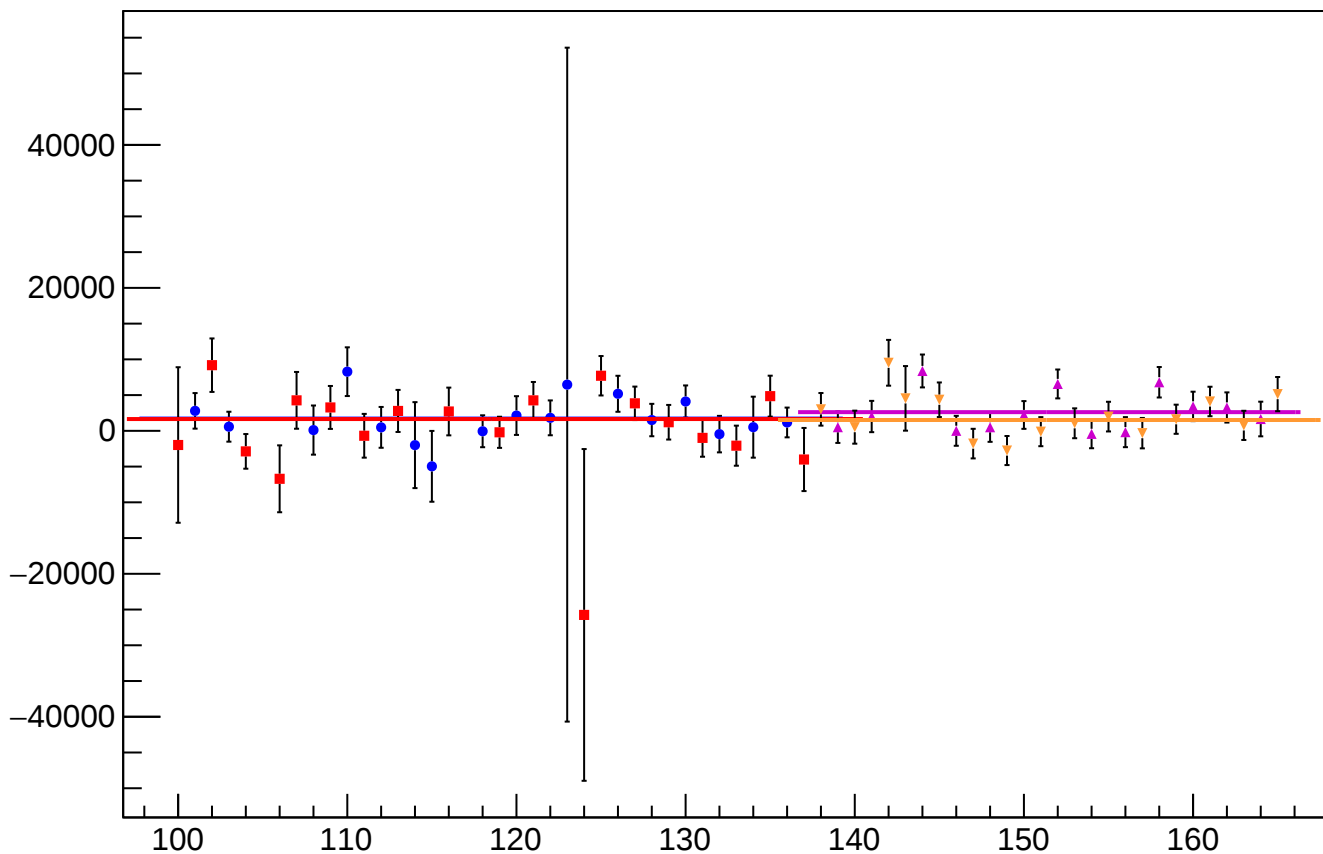
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2221.672 ± 0.385 $\chi^2/\text{NDF}: 679929.2/29$

Out: 2228.186 ± 0.377 $\chi^2/\text{NDF}: 1346577.7/33$

All: 2224.991 ± 0.269 $\chi^2/\text{NDF}: 2026653.1/63$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1516.103+/-578.599 χ^2/NDF : 21.1/14

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

Left In: 2615.385+/-586.614 χ^2/NDF : 22.0/12

Left: 2058.183+/-411.936 χ^2/NDF : 45.0/27

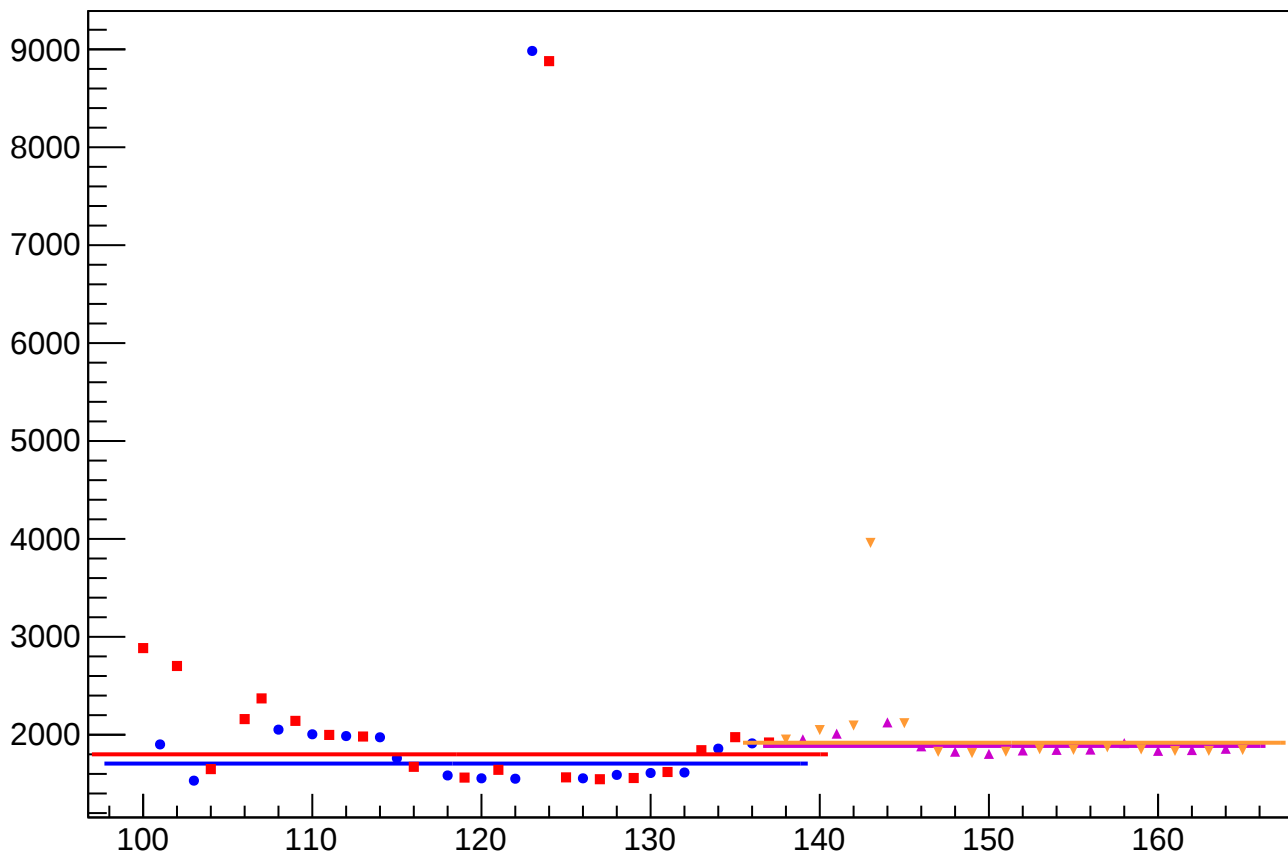
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2221.730+/-440.535 χ^2/NDF : 34.4/29

Out: 1571.196+/-444.483 χ^2/NDF : 48.1/33

All: 1899.364+/-312.892 χ^2/NDF : 83.6/63

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 ± 0.472 $\chi^2/\text{NDF}: 194174.2/16$

Left Out: 1918.433 ± 0.409 $\chi^2/\text{NDF}: 464239.8/14$

Right Out: 1799.992 ± 0.490 $\chi^2/\text{NDF}: 538779.9/18$

Left In: 1885.697 ± 0.415 $\chi^2/\text{NDF}: 40588.3/12$

Left: 1902.290 ± 0.291 $\chi^2/\text{NDF}: 507985.1/27$

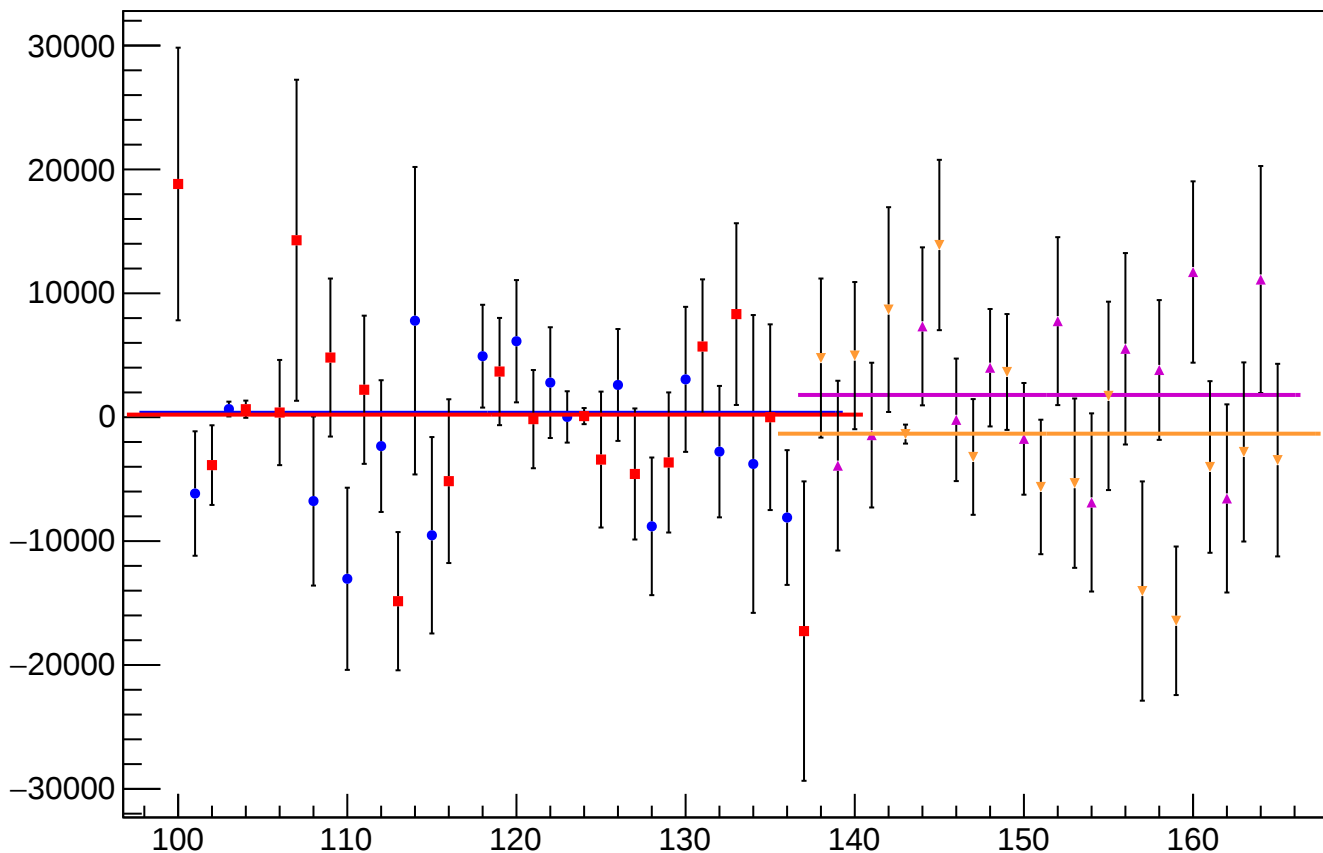
Right: 1751.031 ± 0.340 $\chi^2/\text{NDF}: 752208.6/35$

In: 1807.180 ± 0.312 $\chi^2/\text{NDF}: 316937.6/29$

Out: 1869.763 ± 0.314 $\chi^2/\text{NDF}: 1037457.4/33$

All: 1838.221 ± 0.221 $\chi^2/\text{NDF}: 1374414.6/63$

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1329.287 $\pm$ 697.829 χ^2 /NDF:19.5/14

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

Left In: 1797.431 $\pm$ 1697.528 χ^2 /NDF:9.4/12

Left: -877.283 $\pm$ 645.422 χ^2 /NDF: 31.8/27

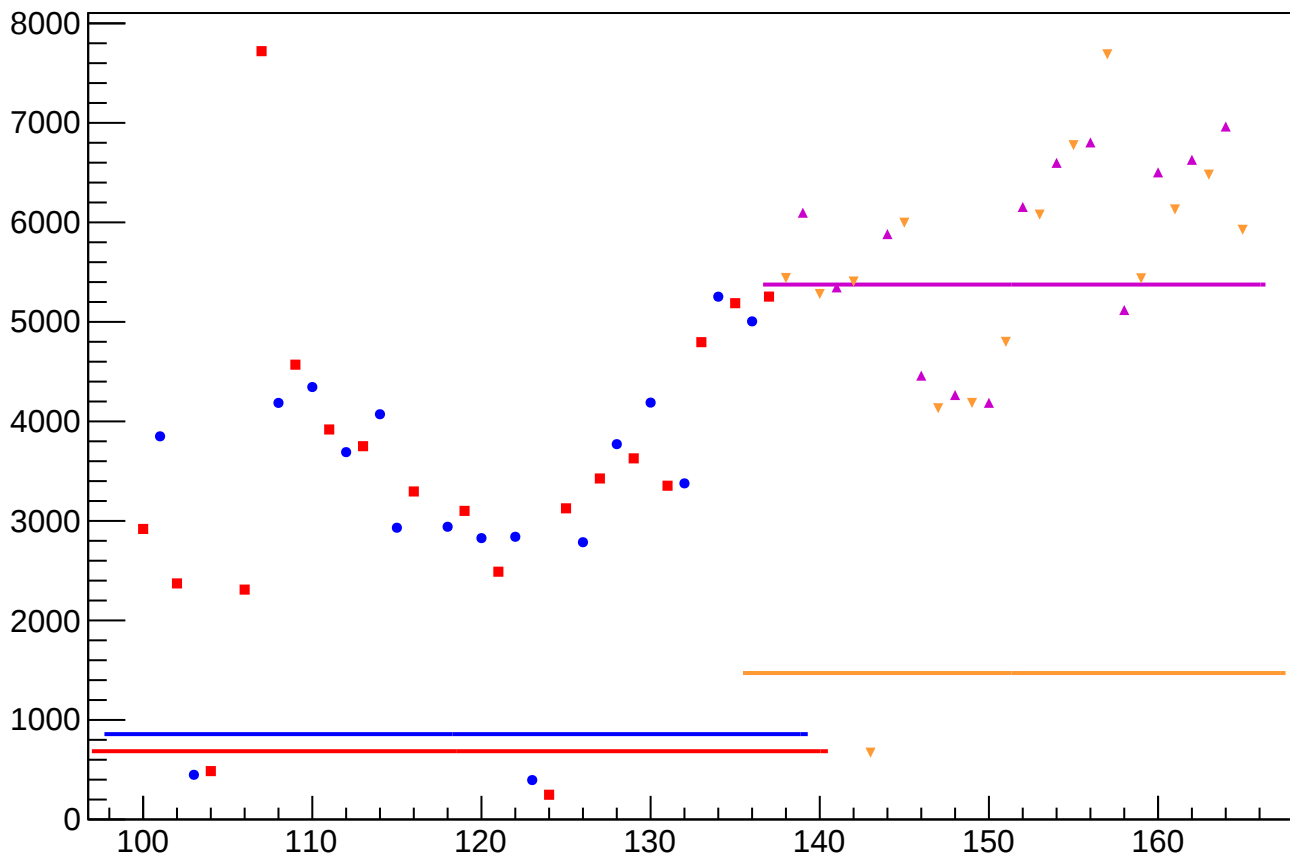
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 486.379 $\pm$ 508.704 χ^2 /NDF:27.6/29

Out: -237.373 $\pm$ 376.177 χ^2 /NDF:44.3/33

All: 18.486 $\pm$ 302.462 χ^2 /NDF: 73.2/63

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1471.419 $\pm$ 0.493 χ^2 /NDF:13430571.9/14

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

Left In: 5375.122 $\pm$ 1.200 χ^2 /NDF:670933.2/12

Left: 2035.746 $\pm$ 0.456 χ^2 /NDF: 23149209.6/27

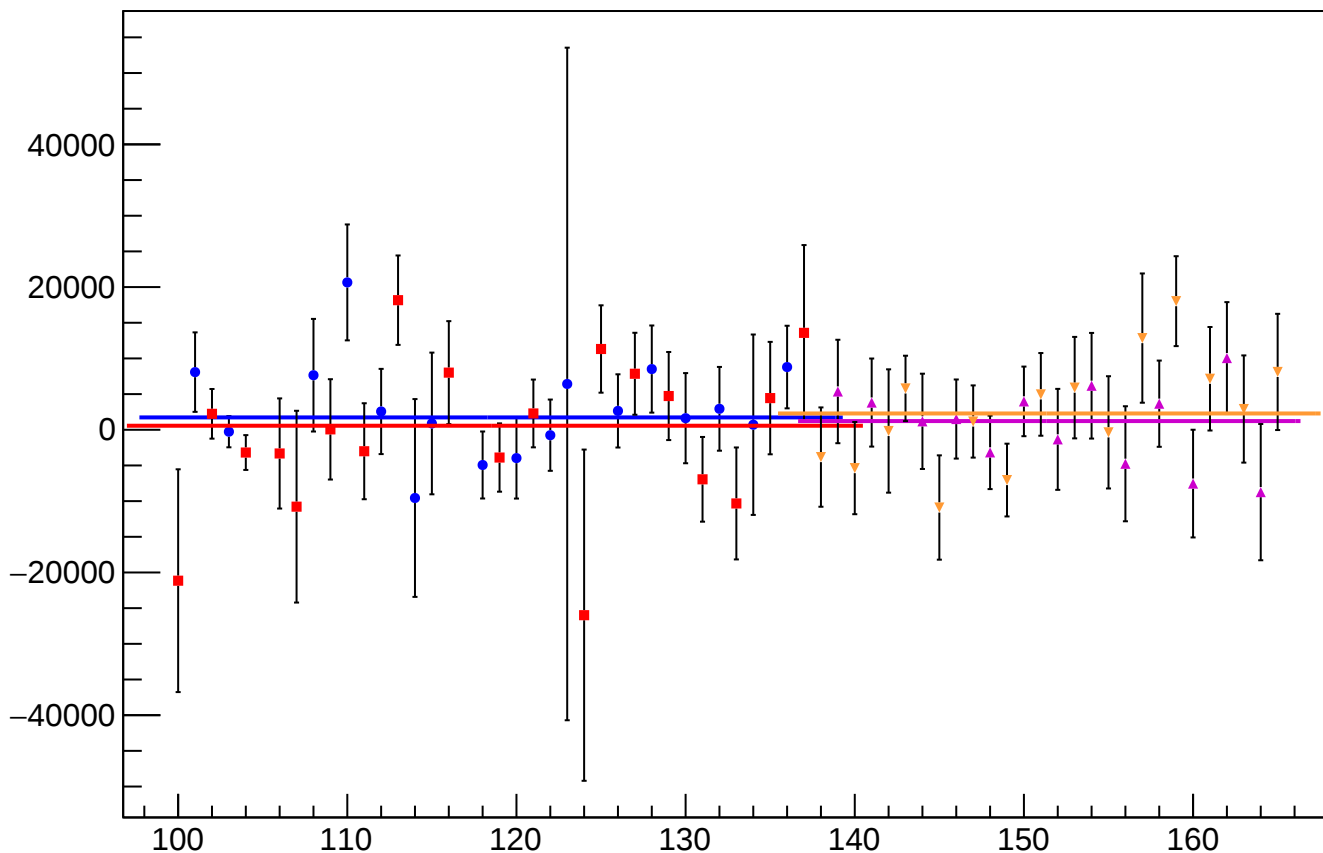
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1263.175 $\pm$ 0.360 χ^2 /NDF:21739266.4/29

Out: 914.096 $\pm$ 0.266 χ^2 /NDF:24689938.4/33

All: 1037.502 $\pm$ 0.214 χ^2 /NDF: 47038046.6/66

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2285.977+/-1674.343 χ^2/NDF : 18.7/14

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

Left In: 1220.616+/-1808.284 χ^2/NDF : 6.5/12

Left: 1794.210+/-1228.565 χ^2/NDF : 25.4/27

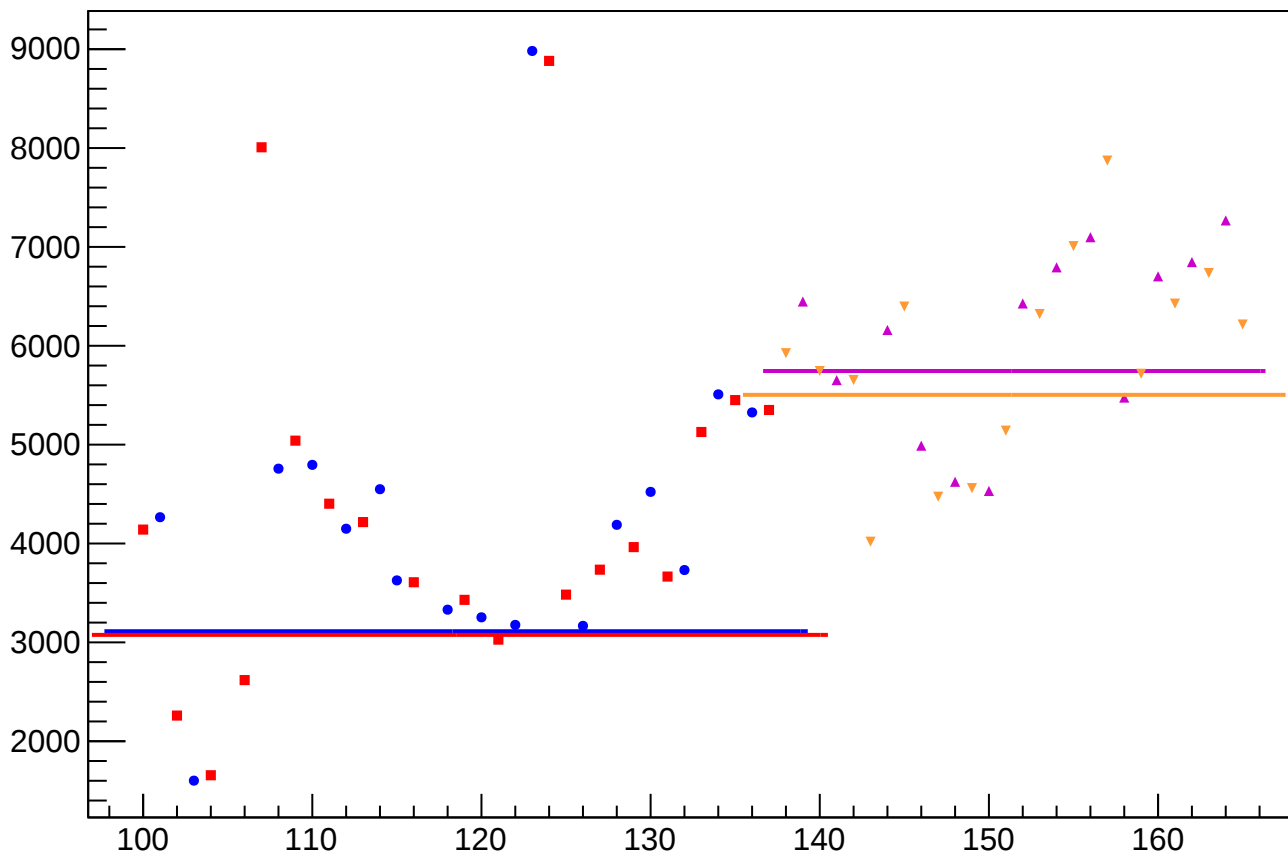
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1557.778+/-1057.999 χ^2/NDF : 21.5/29

Out: 1205.050+/-1020.045 χ^2/NDF : 46.4/33

All: 1374.974+/-734.332 χ^2/NDF : 68.0/63

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5503.698 $\pm$ 1.184 χ^2 /NDF: 749866.9/14

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

Left In: 5744.949 $\pm$ 1.279 χ^2 /NDF: 524265.8/12

Left: 5615.059 $\pm$ 0.869 χ^2 /NDF: 1293299.3/27

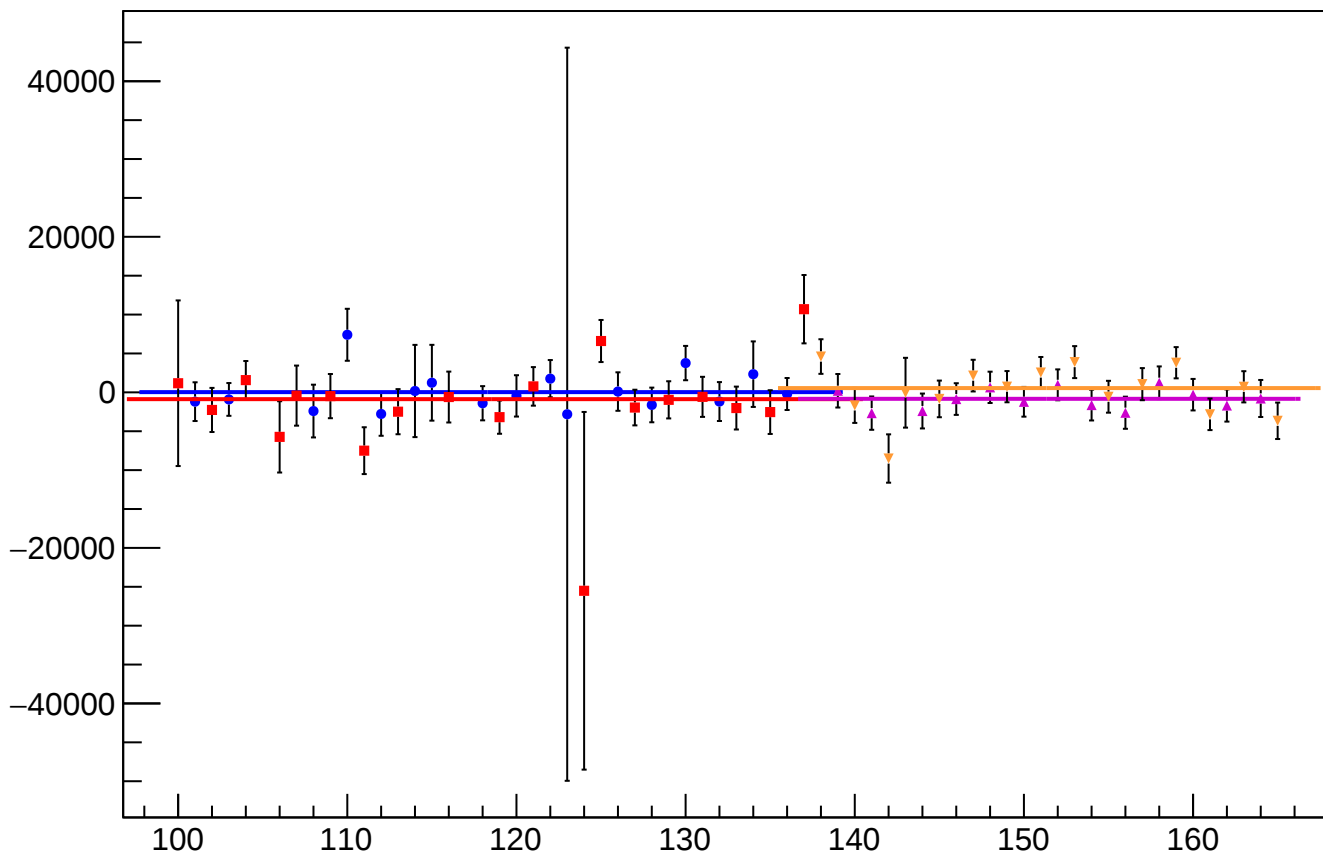
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4013.767 $\pm$ 0.748 χ^2 /NDF: 5195981.0/29

Out: 3960.385 $\pm$ 0.715 χ^2 /NDF: 5434137.8/33

All: 3985.856 $\pm$ 0.517 χ^2 /NDF: 10632781.0/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 547.747 $\pm$ 567.544 χ^2/NDF : 26.4/14

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

Left In: -832.119 $\pm$ 575.637 χ^2/NDF : 5.0/12

Left: -132.417 $\pm$ 404.145 χ^2/NDF : 34.3/27

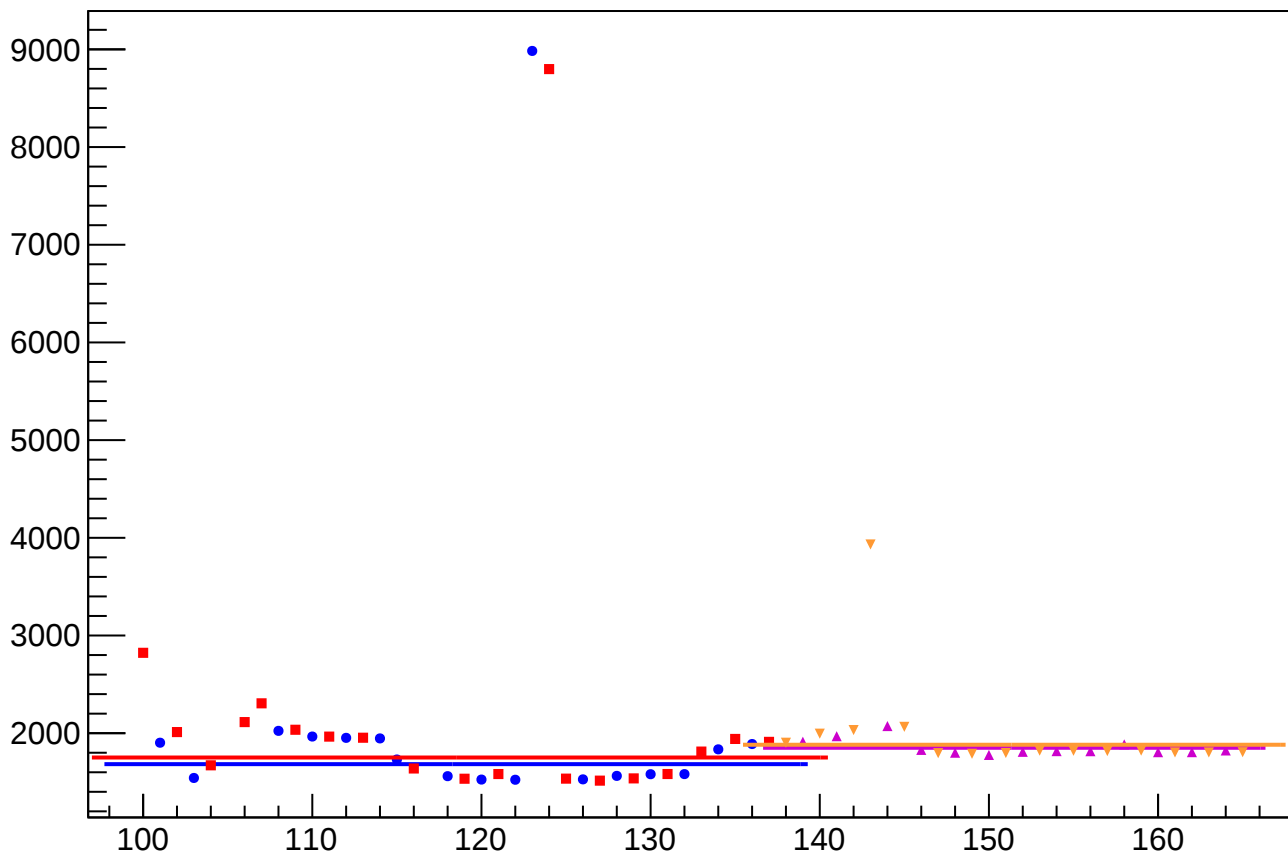
Right: -412.596 $\pm$ 470.731 χ^2/NDF : 38.4/35

In: -459.011 $\pm$ 433.363 χ^2/NDF : 17.8/29

Out: -43.049 $\pm$ 433.937 χ^2/NDF : 54.7/33

All: -251.305 $\pm$ 306.637 χ^2/NDF : 72.9/63

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1881.771+/-0.401 χ^2/NDF : 466527.8/14

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

Left In: 1850.737+/-0.407 χ^2/NDF : 36595.2/12

Left: 1866.474+/-0.286 χ^2/NDF : 506070.7/27

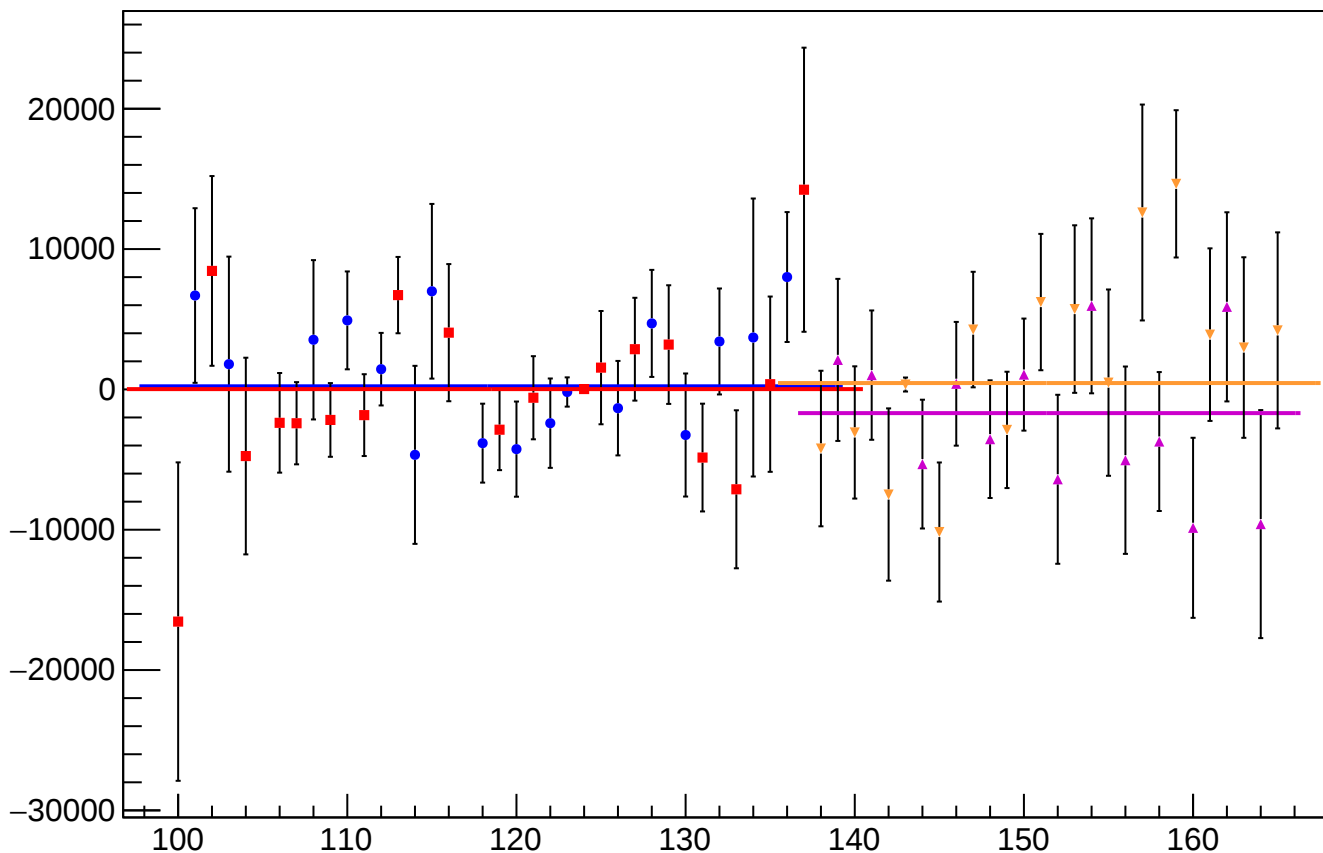
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1778.122+/-0.306 χ^2/NDF : 305915.2/29

Out: 1827.344+/-0.307 χ^2/NDF : 937762.0/33

All: 1802.723+/-0.217 χ^2/NDF : 1256572.8/63

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 452.424+/-471.881 χ^2/NDF :21.8/14

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

Left In: -1690.340+/-1453.074 χ^2/NDF :8.7/12

Left: 248.005+/-448.809 χ^2/NDF : 32.5/27

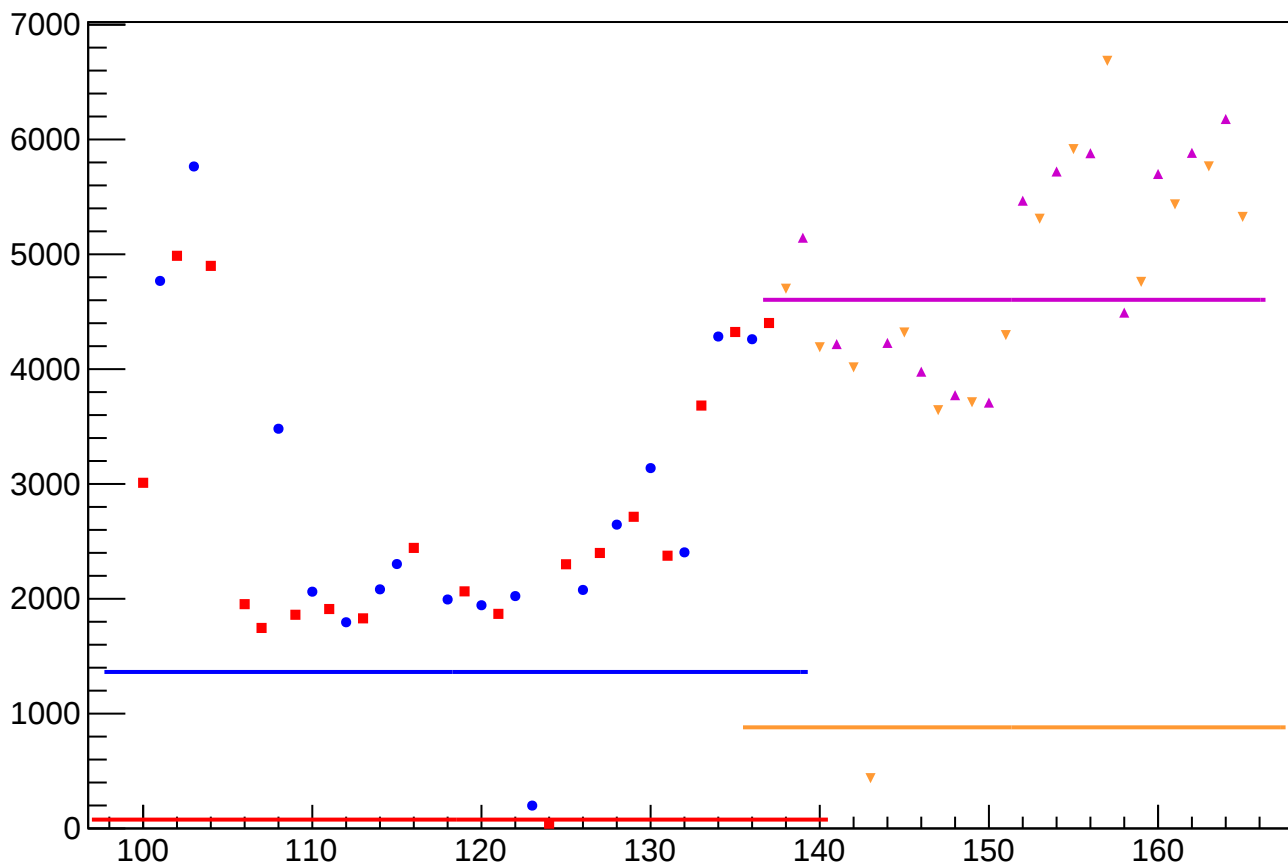
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: -157.495+/-645.802 χ^2/NDF :25.9/29

Out: 44.151+/-110.931 χ^2/NDF :43.3/33

All: 38.371+/-109.330 χ^2/NDF : 69.3/63

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 880.622 $\pm$ 0.334 χ^2 /NDF: 15356743.9/14

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

Left In: 4603.742 $\pm$ 1.027 χ^2 /NDF: 649307.2/12

Left: 1235.806 $\pm$ 0.317 χ^2 /NDF: 27883559.2/27

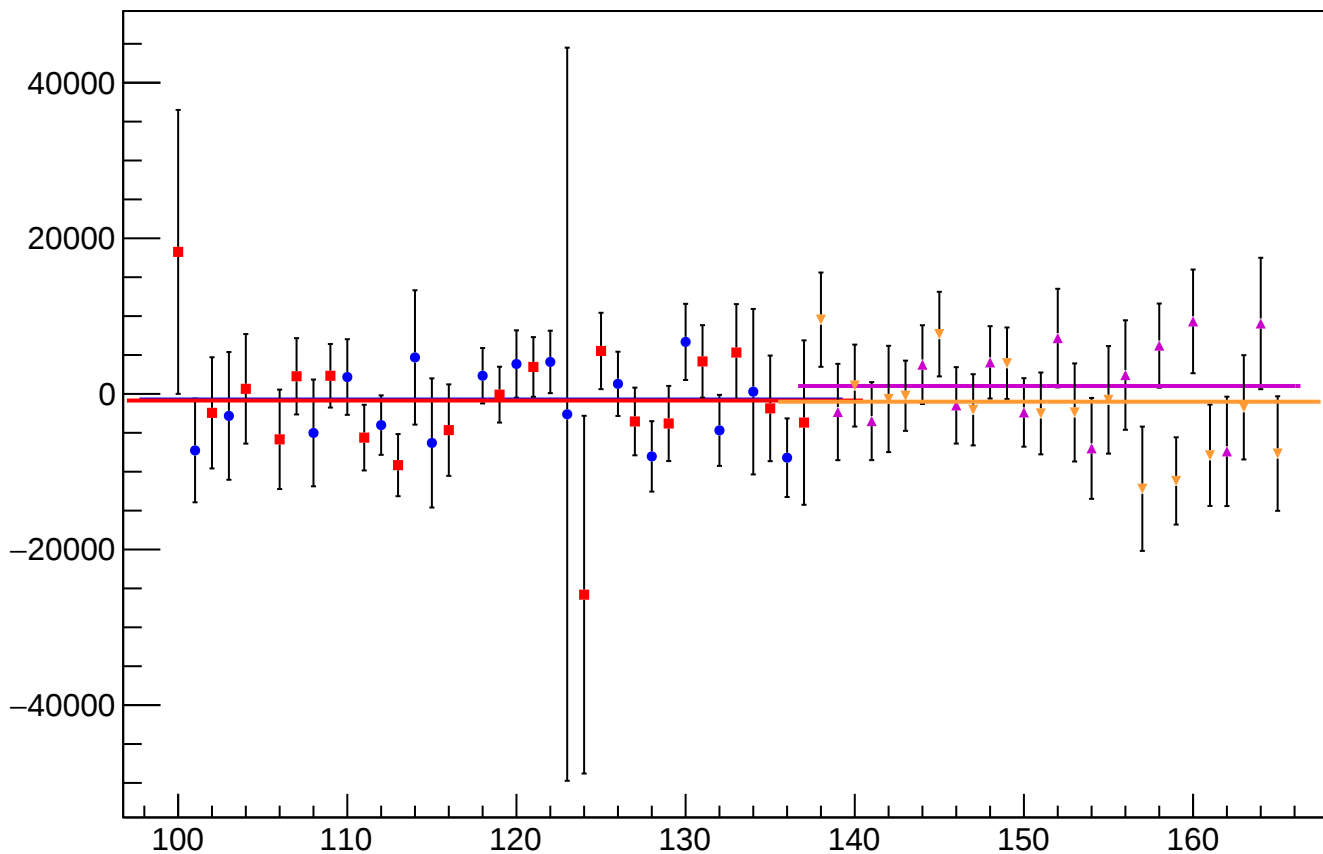
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2003.003 $\pm$ 0.457 χ^2 /NDF: 14869084.3/29

Out: 121.533 $\pm$ 0.078 χ^2 /NDF: 34083005.5/33

All: 175.456 $\pm$ 0.077 χ^2 /NDF: 65441177.5/63

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -1000.906+/-1479.795 χ^2/NDF : 14.3/14

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

Left In: 1019.882+/-1573.516 χ^2/NDF : 10.0/12

Left: -52.482+/-1077.984 χ^2/NDF : 25.2/27

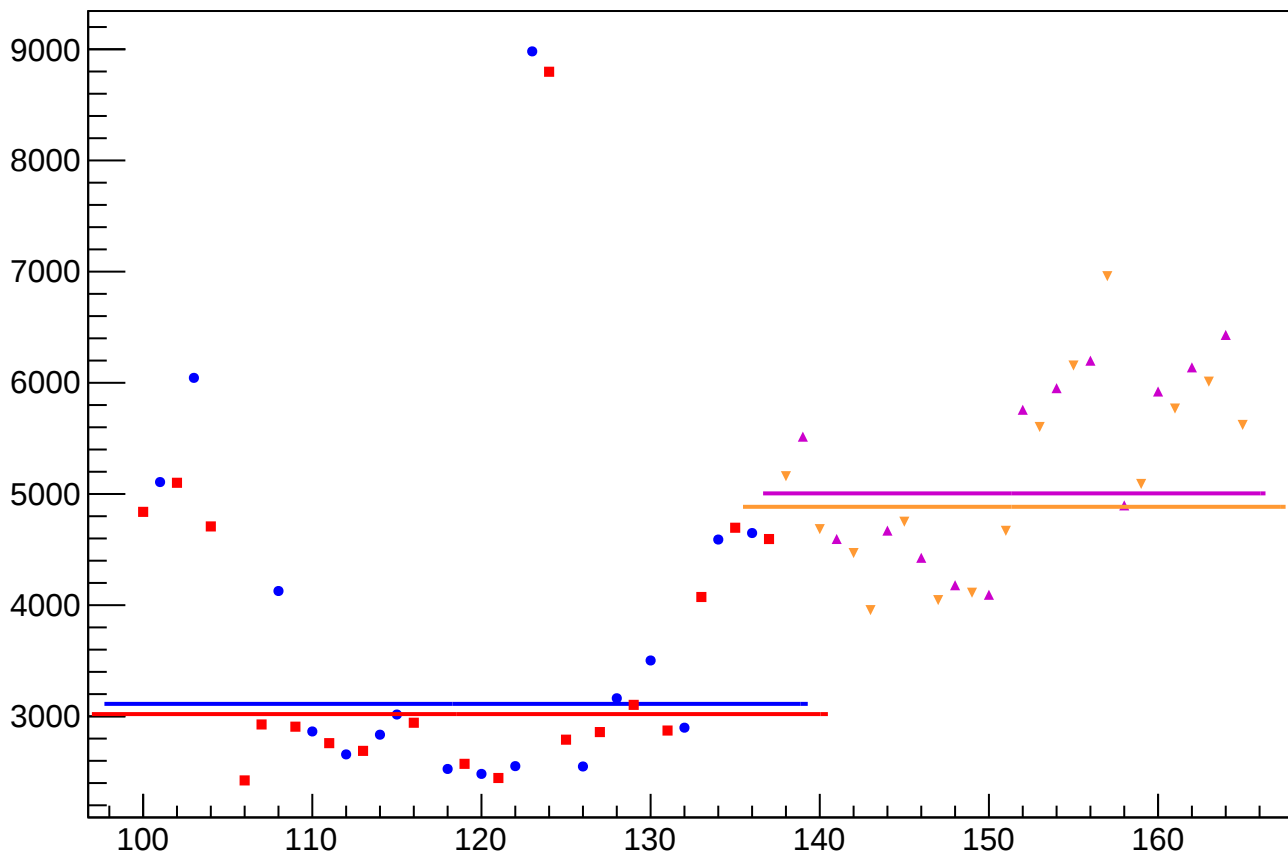
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -46.075+/-979.962 χ^2/NDF : 25.5/29

Out: -909.285+/-928.248 χ^2/NDF : 30.3/33

All: -501.056+/-673.911 χ^2/NDF : 56.2/63

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4884.701+/-1.046 χ^2/NDF : 571997.5/14

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

Left In: 5005.415+/-1.113 χ^2/NDF : 488072.8/12

Left: 4941.356+/-0.762 χ^2/NDF : 1066316.6/27

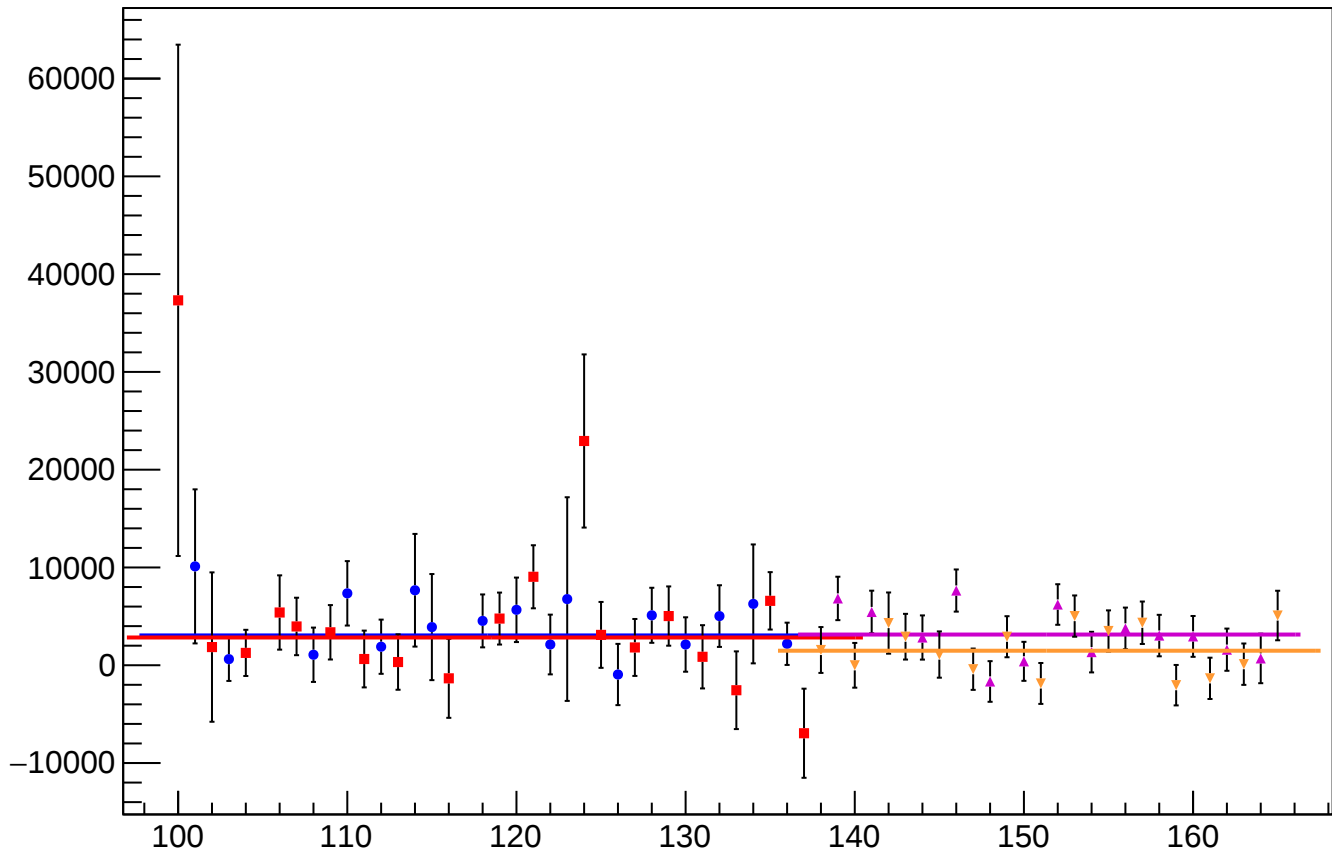
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3846.520+/-0.693 χ^2/NDF : 3218818.3/29

Out: 3742.811+/-0.651 χ^2/NDF : 3310571.9/33

All: 3791.461+/-0.475 χ^2/NDF : 6541282.1/63

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1485.435+/-575.861 χ^2/NDF :18.1/14

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

Left In: 3139.664+/-596.049 χ^2/NDF :20.0/12

Left: 2284.062+/-414.148 χ^2/NDF : 42.0/27

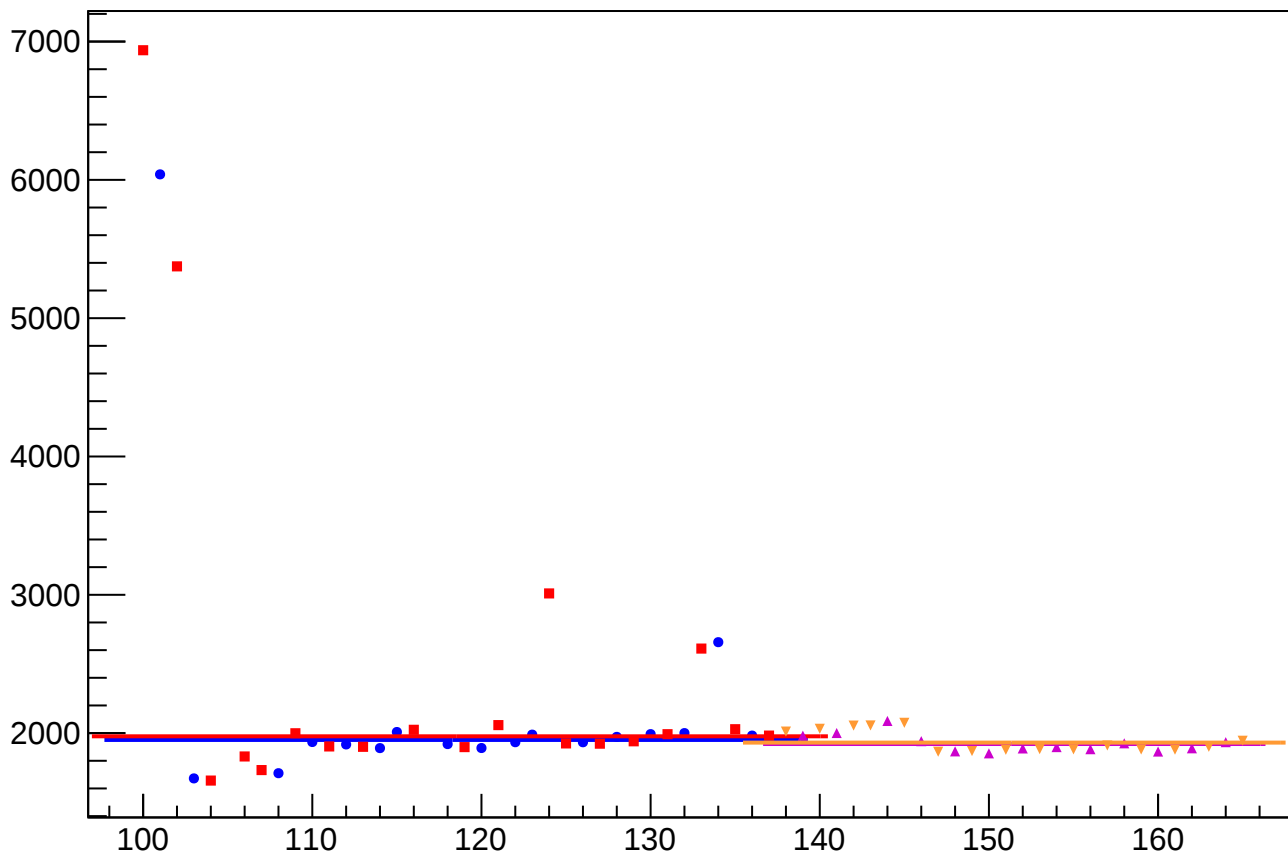
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3105.852+/-471.864 χ^2/NDF :29.3/29

Out: 1974.191+/-460.271 χ^2/NDF :43.8/33

All: 2525.948+/-329.483 χ^2/NDF : 76.1/63

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.494 $\pm$ 0.407 χ^2 /NDF: 32088.8/14

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

Left In: 1921.323 $\pm$ 0.421 χ^2 /NDF: 21978.5/12

Left: 1926.584 $\pm$ 0.293 χ^2 /NDF: 54368.5/27

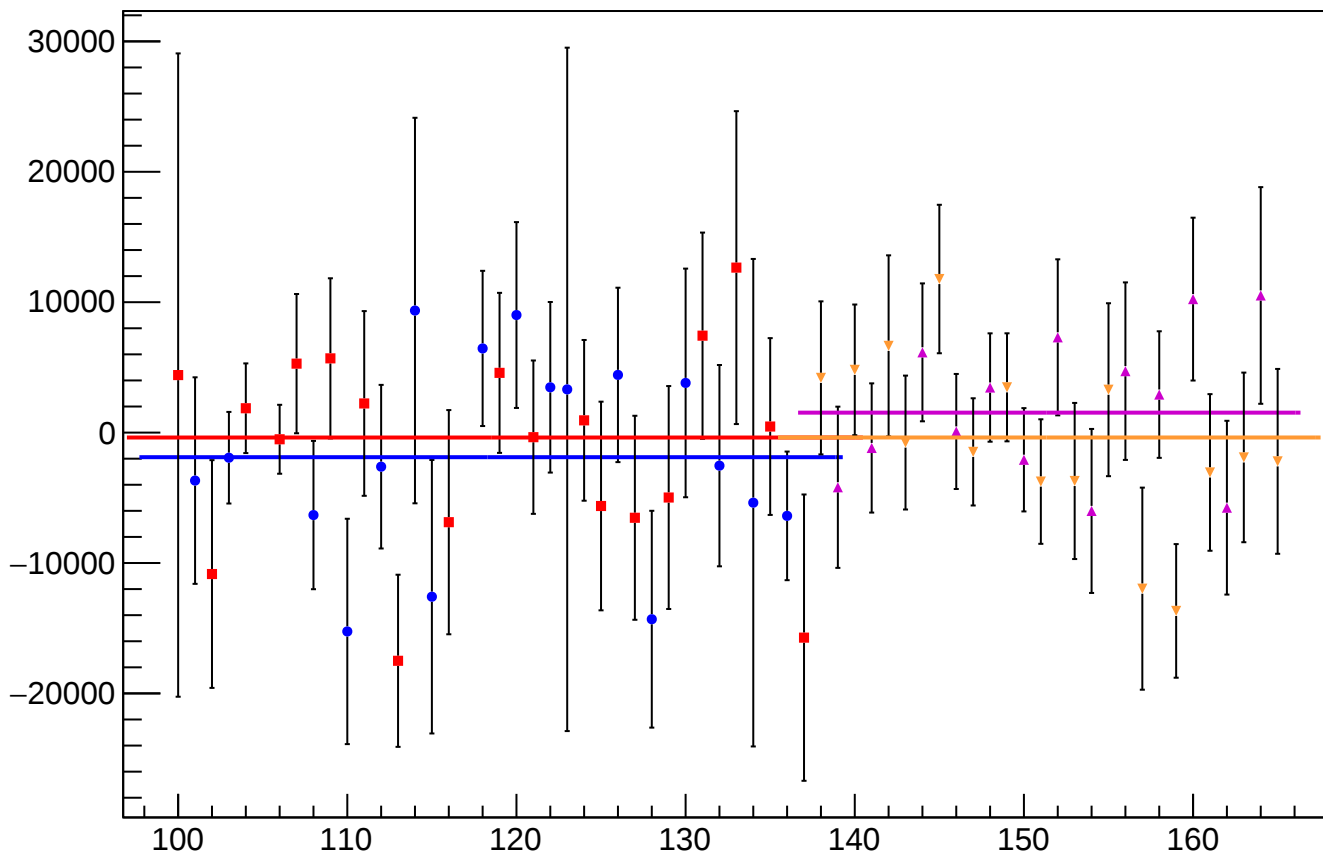
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1932.286 $\pm$ 0.334 χ^2 /NDF: 638956.3/29

Out: 1947.934 $\pm$ 0.325 χ^2 /NDF: 644305.4/33

All: 1940.306 $\pm$ 0.233 χ^2 /NDF: 1284389.0/63

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Left: 536.680 $\pm$ 1024.849 χ^2/NDF : 29.5/27

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

In: 13.762 $\pm$ 1104.696 χ^2/NDF : 26.5/29

Out: -375.945 $\pm$ 981.805 χ^2/NDF : 36.2/33

All: -203.965 $\pm$ 733.859 χ^2/NDF : 62.8/63

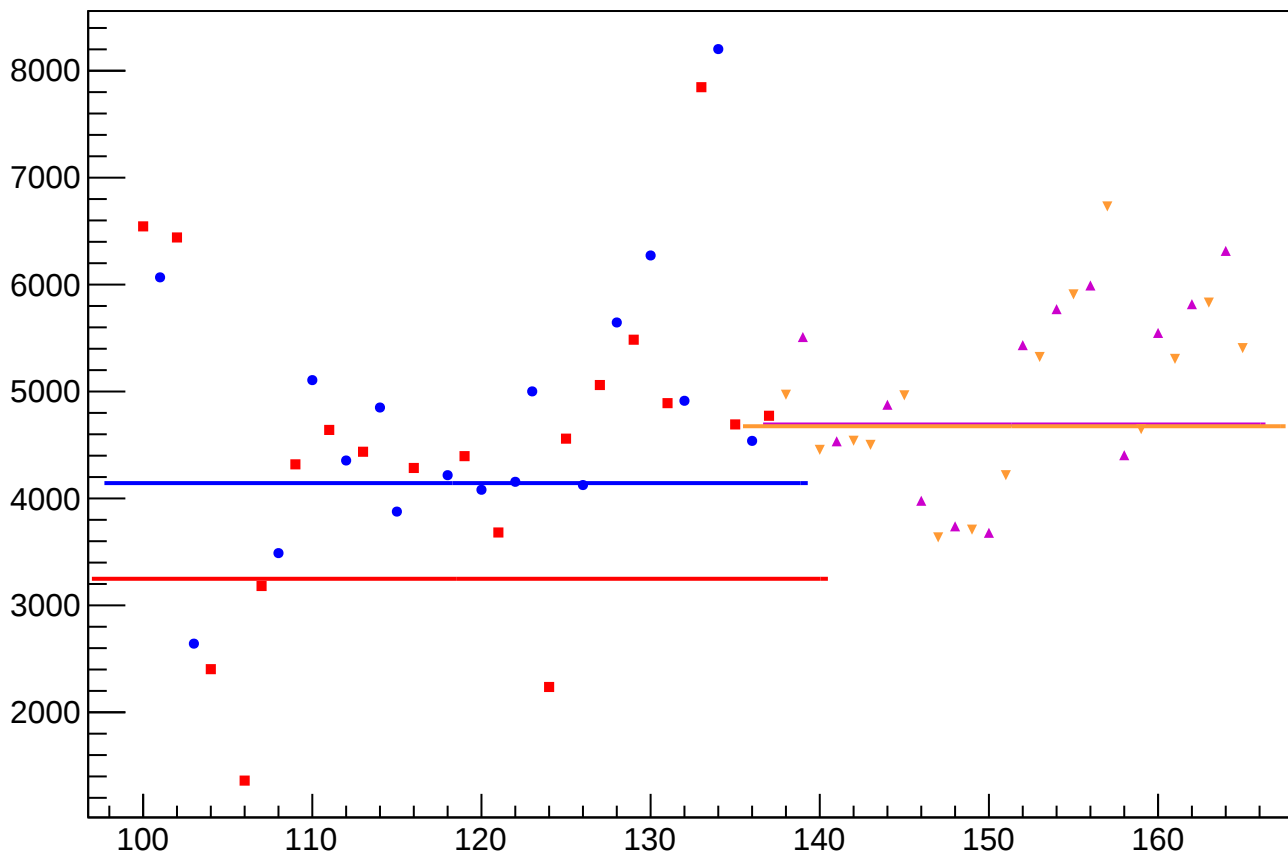
Right In: -1885.285 $\pm$ 1657.979 χ^2/NDF : 14.1/16

Left Out: -374.946 $\pm$ 1419.270 χ^2/NDF : 18.6/14

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

Left In: 1529.917 $\pm$ 1481.437 χ^2/NDF : 10.1/12

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4675.221+/-1.004 χ^2/NDF : 612397.5/14

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

Left In: 4691.594+/-1.048 χ^2/NDF : 668272.8/12

Left: 4683.057+/-0.725 χ^2/NDF : 1280797.6/27

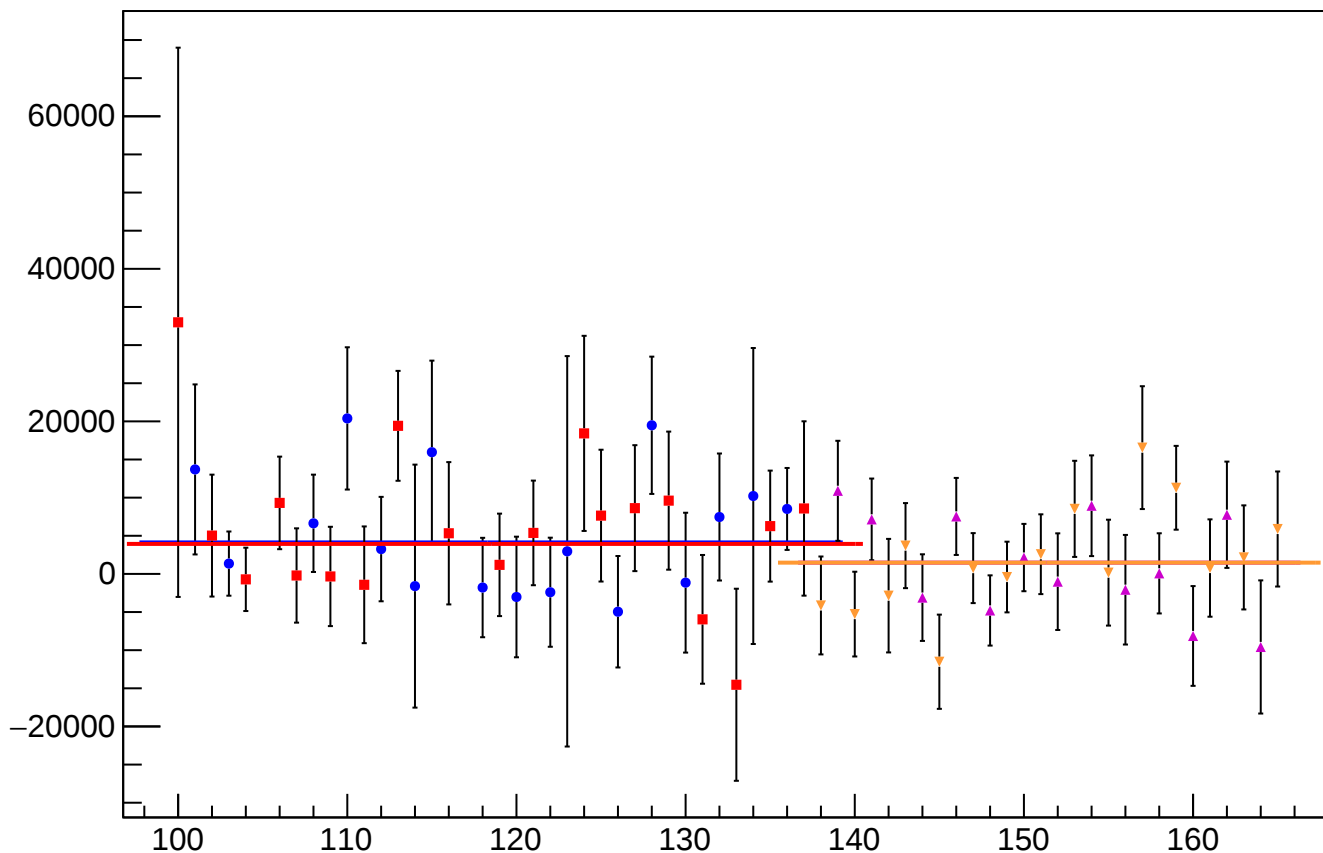
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4448.262+/-0.781 χ^2/NDF : 1645789.9/29

Out: 3931.317+/-0.694 χ^2/NDF : 4283868.1/33

All: 4159.448+/-0.519 χ^2/NDF : 6174342.9/63

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1476.672 $\pm$ 1539.741 χ^2 /NDF:15.7/14

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

Left In: 1476.806 $\pm$ 1606.703 χ^2 /NDF:13.5/12

Left: 1476.736 $\pm$ 1111.680 χ^2 /NDF: 29.2/27

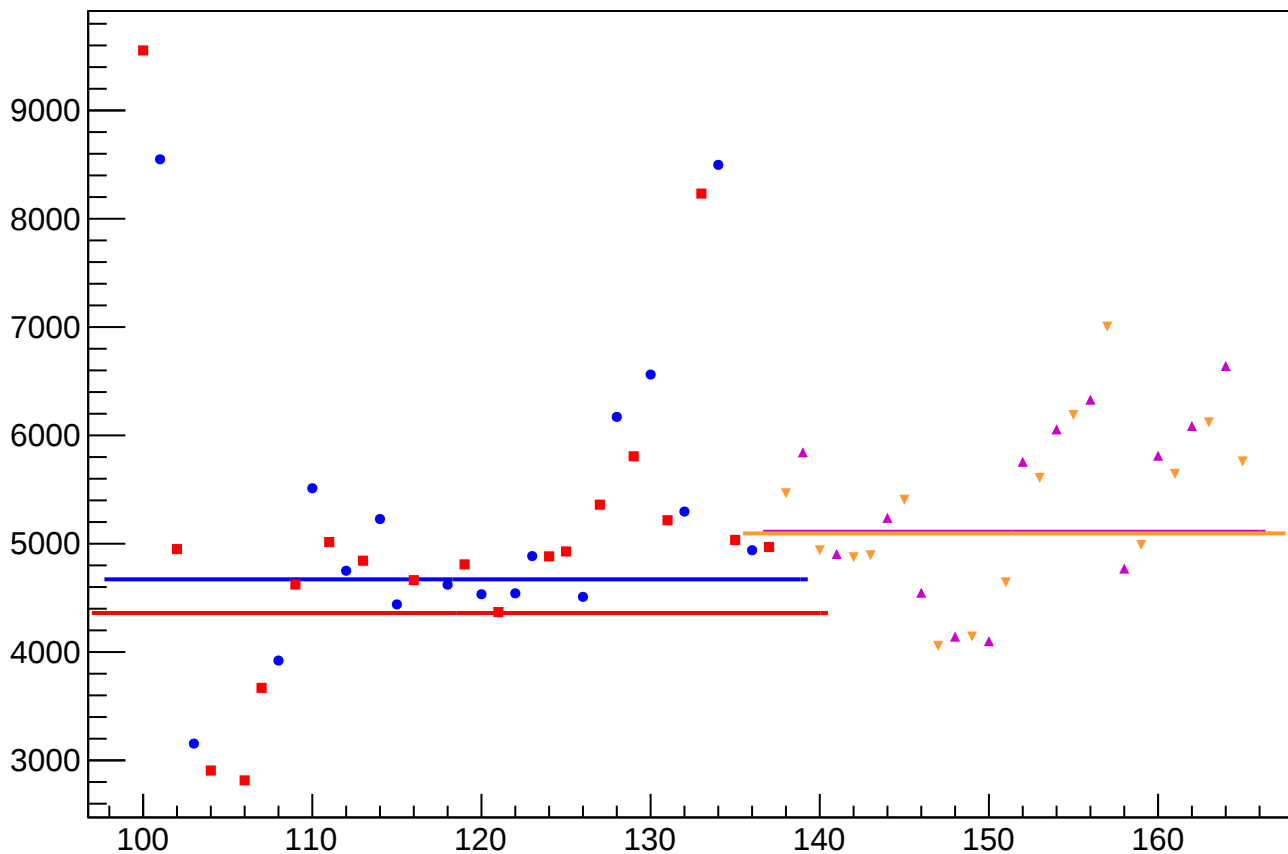
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 2607.003 $\pm$ 1216.734 χ^2 /NDF:28.3/29

Out: 2565.703 $\pm$ 1148.843 χ^2 /NDF:31.8/33

All: 2585.168 $\pm$ 835.325 χ^2 /NDF: 60.1/63

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5095.088 $\pm$ 1.089 χ^2/NDF : 470987.3/14

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

Left In: 5110.630 $\pm$ 1.136 χ^2/NDF : 498325.9/12

Left: 5102.528 $\pm$ 0.786 χ^2/NDF : 969410.7/27

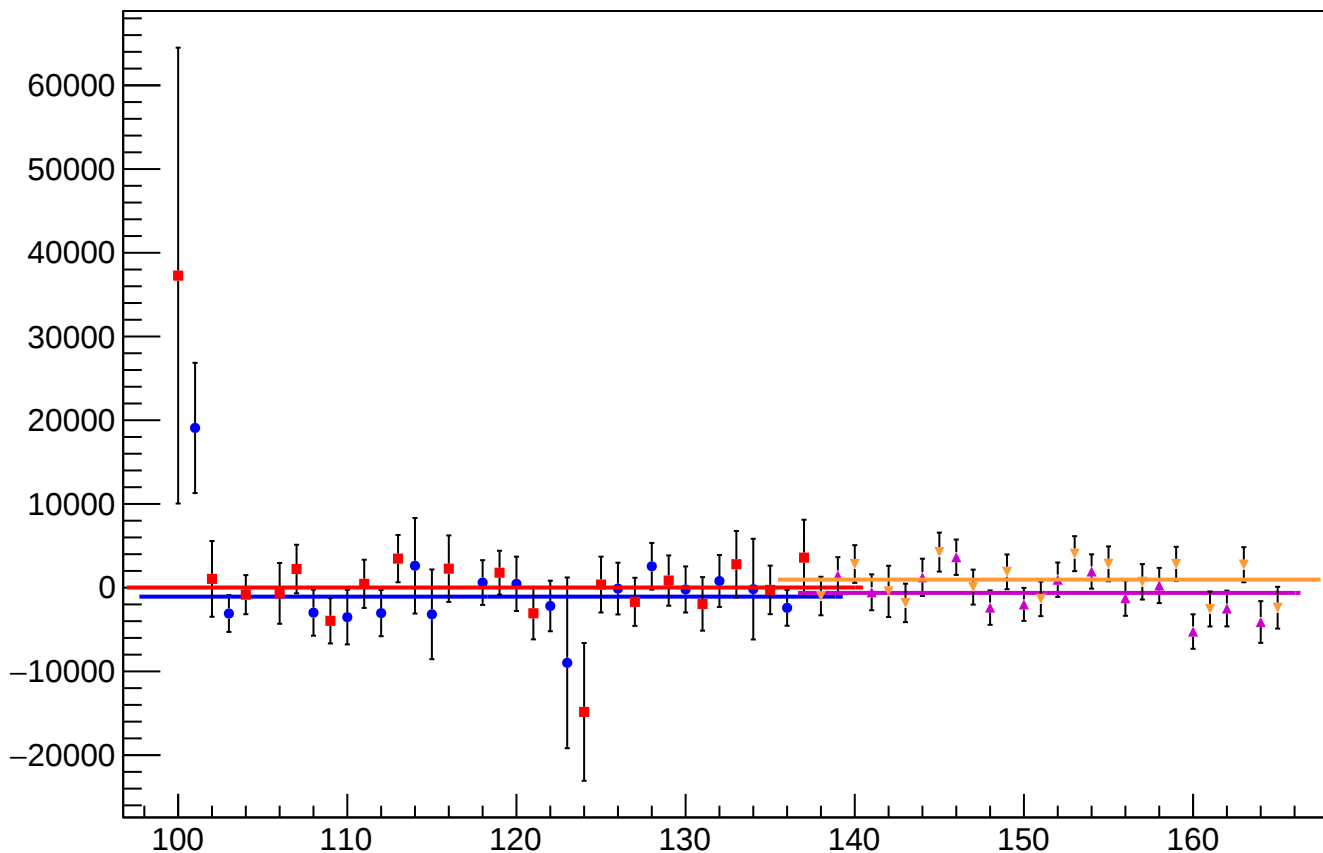
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

In: 4923.256 $\pm$ 0.860 χ^2/NDF : 1348211.1/29

Out: 4767.362 $\pm$ 0.810 χ^2/NDF : 1508192.6/33

All: 4840.639 $\pm$ 0.590 χ^2/NDF : 2873803.4/63

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 961.825 ± 567.703 $\chi^2/\text{NDF}: 15.9/14$

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

Left In: -623.858 ± 588.200 $\chi^2/\text{NDF}: 17.0/12$

Left: 197.092 ± 408.481 $\chi^2/\text{NDF}: 36.7/27$

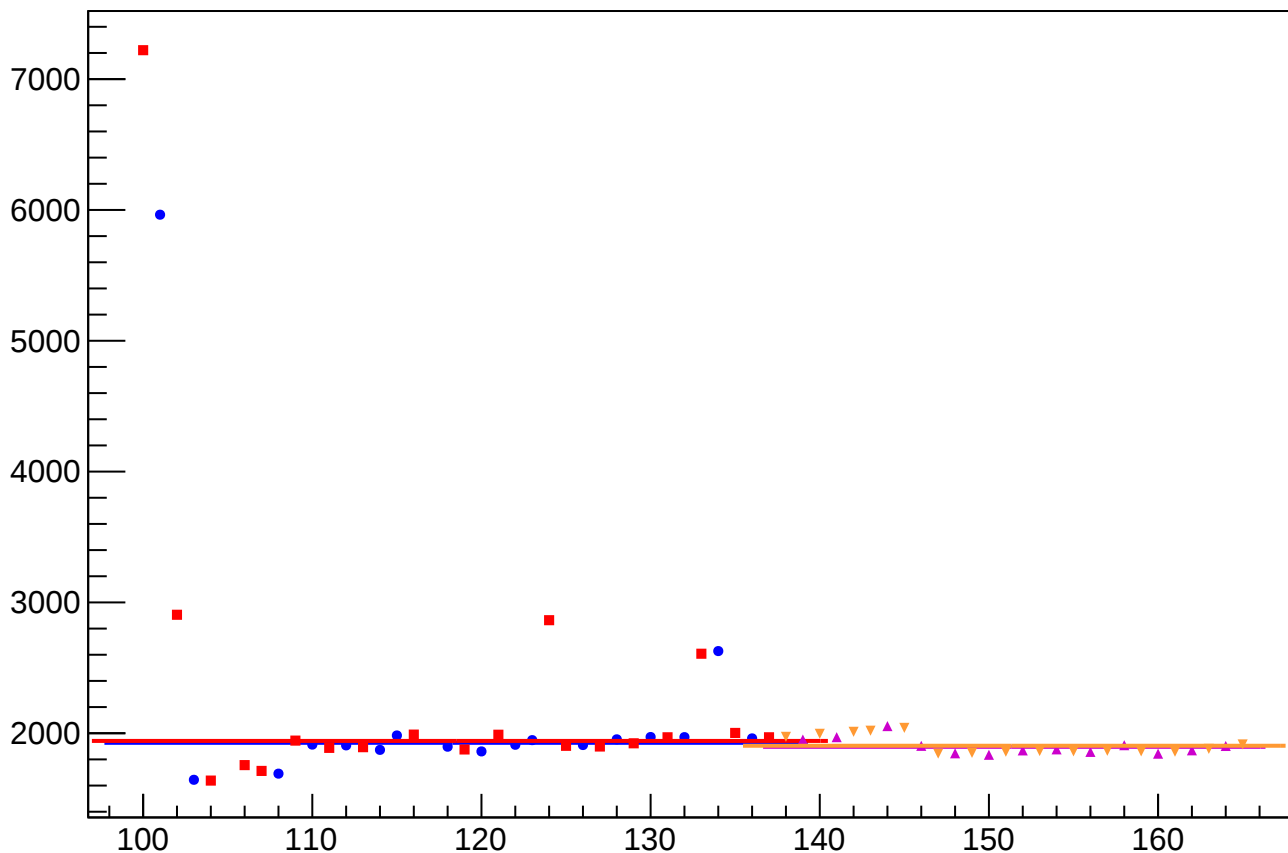
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

In: -790.639 ± 465.837 $\chi^2/\text{NDF}: 30.9/29$

Out: 617.201 ± 452.168 $\chi^2/\text{NDF}: 30.2/33$

All: -65.760 ± 324.456 $\chi^2/\text{NDF}: 65.9/63$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1904.374+/-0.401 χ^2/NDF : 27766.1/14

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

Left In: 1896.195+/-0.416 χ^2/NDF : 19800.8/12

Left: 1900.430+/-0.289 χ^2/NDF : 47767.1/27

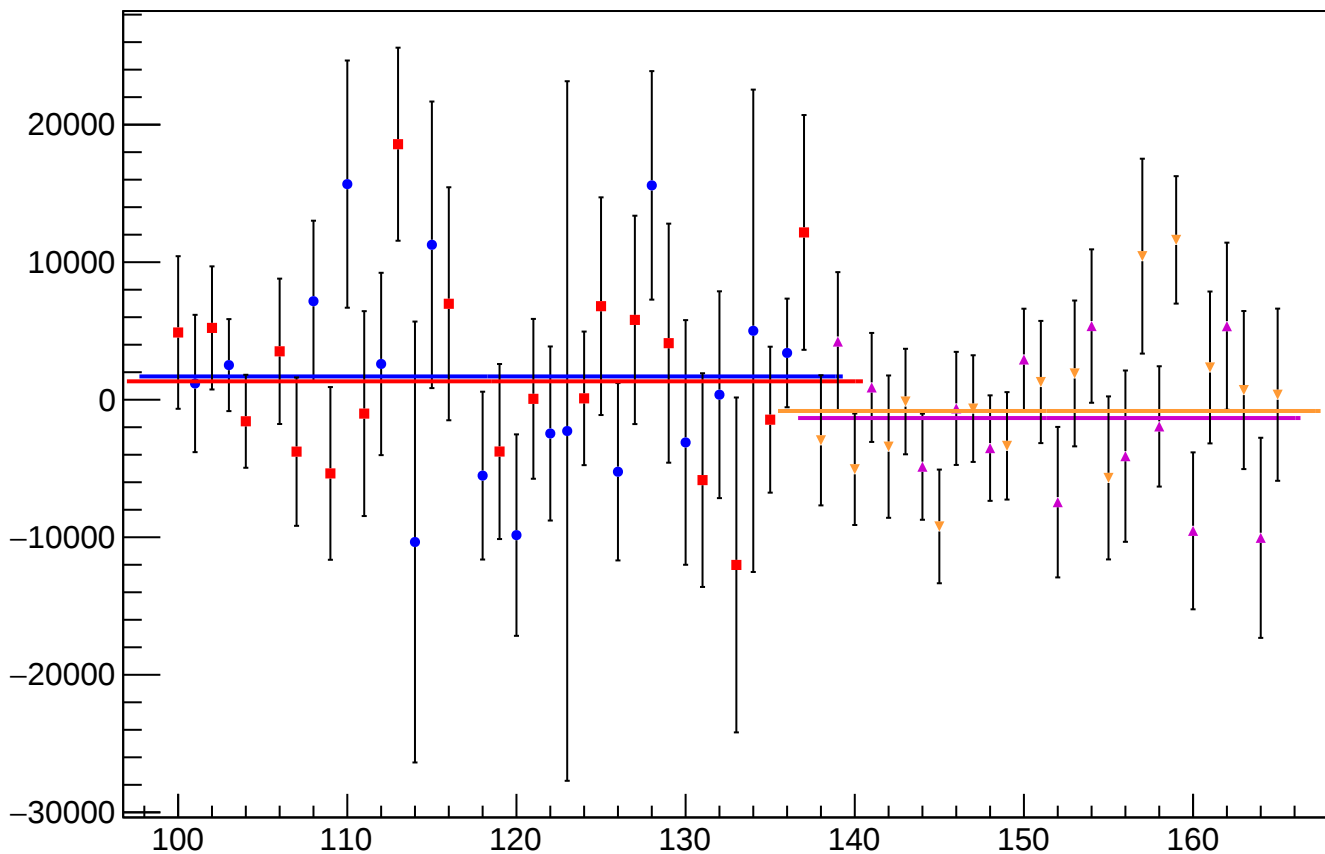
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1907.638+/-0.329 χ^2/NDF : 638947.4/29

Out: 1917.873+/-0.320 χ^2/NDF : 335223.5/33

All: 1912.909+/-0.229 χ^2/NDF : 974668.1/63

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -818.420 $\pm$ 1220.587 χ^2 /NDF:17.5/14

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

Left In: -1331.982 $\pm$ 1300.917 χ^2 /NDF:11.7/12

Left: -1058.857 $\pm$ 890.130 χ^2 /NDF: 29.2/27

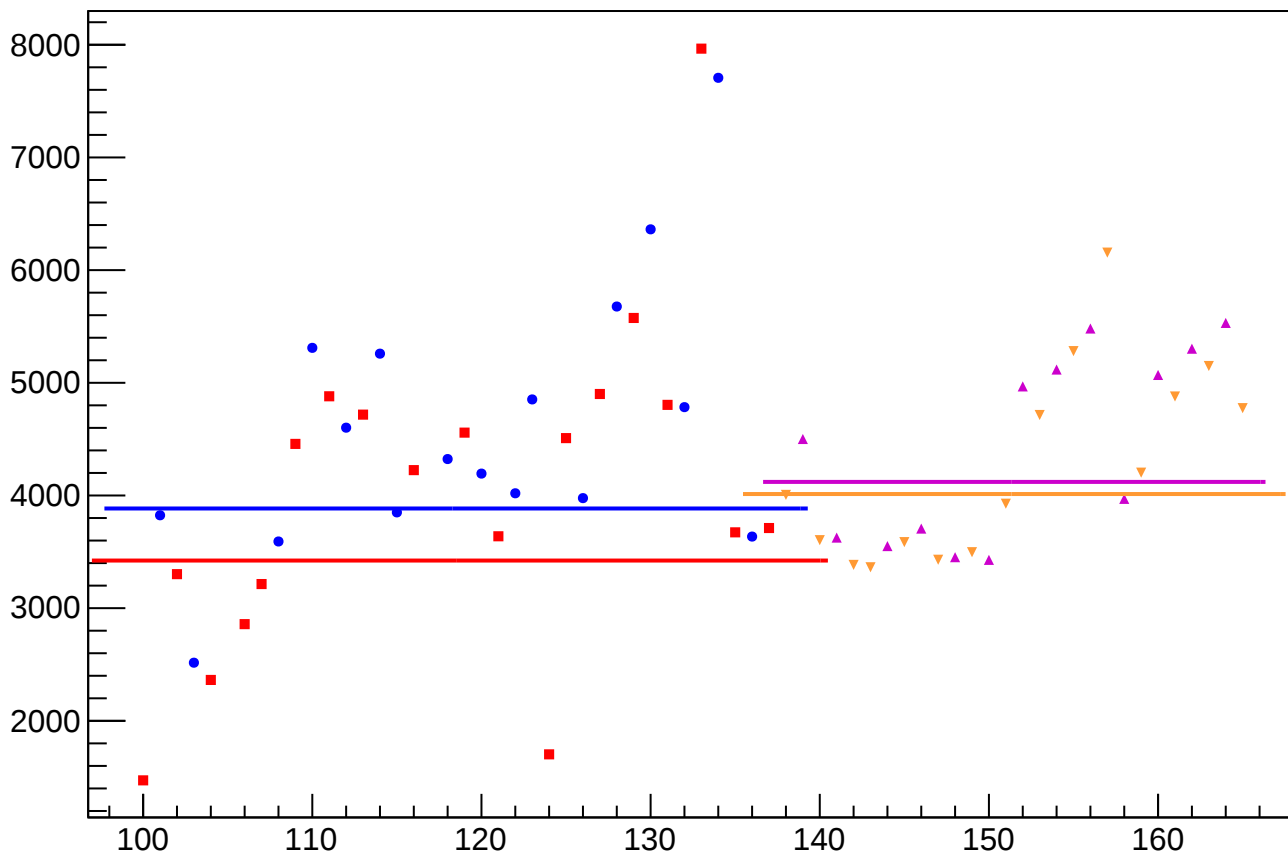
Right: 1493.873 $\pm$ 1026.648 χ^2 /NDF: 30.0/35

In: -83.217 $\pm$ 996.977 χ^2 /NDF:27.5/29

Out: 136.680 $\pm$ 911.057 χ^2 /NDF:35.1/33

All: 36.614 $\pm$ 672.542 χ^2 /NDF: 62.7/63

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4012.889 $\pm$ 0.863 χ^2 /NDF: 679468.2/14

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

Left In: 4120.542 $\pm$ 0.920 χ^2 /NDF: 653424.5/12

Left: 4063.289 $\pm$ 0.629 χ^2 /NDF: 1340176.4/27

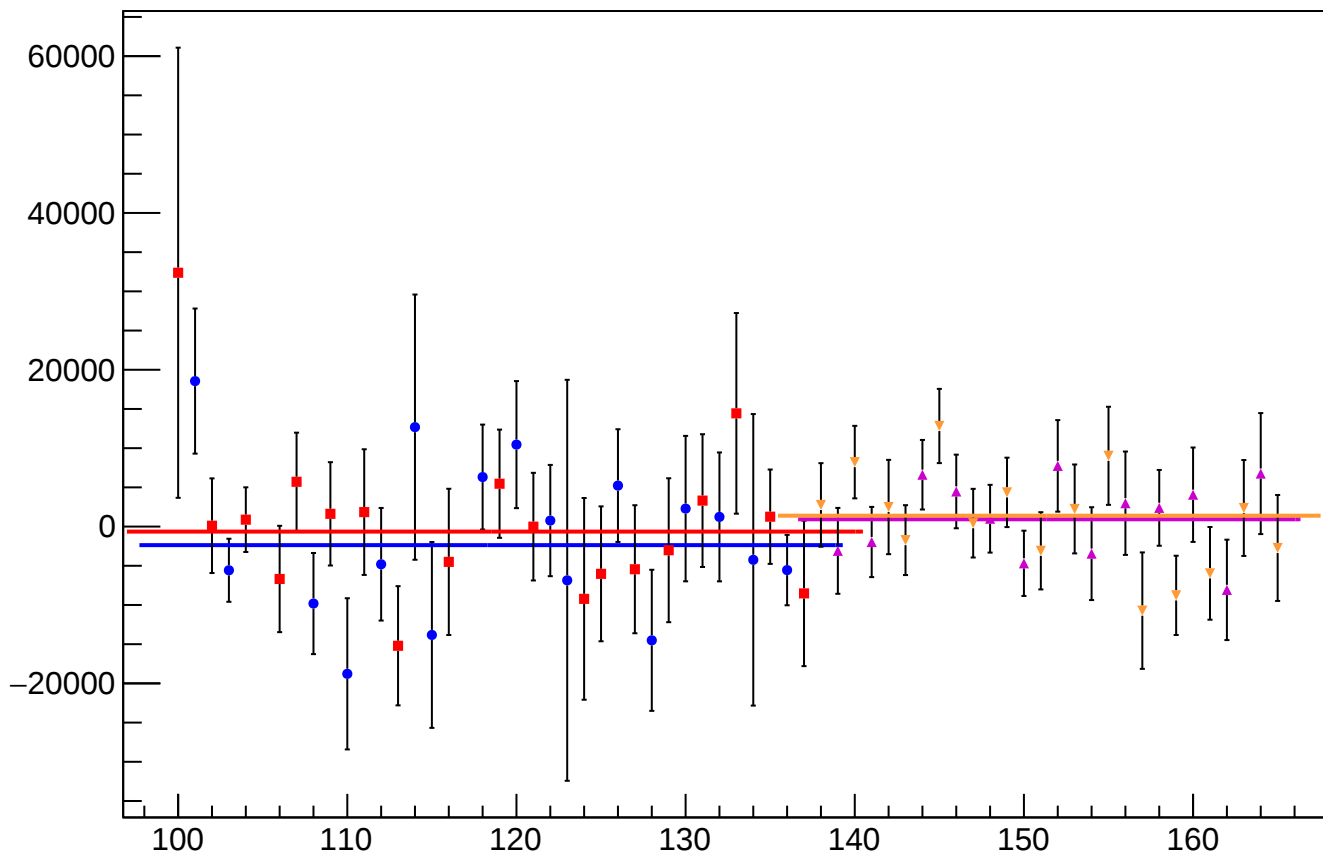
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 4023.173 $\pm$ 0.705 χ^2 /NDF: 1507137.1/29

Out: 3751.478 $\pm$ 0.644 χ^2 /NDF: 2476903.2/33

All: 3875.116 $\pm$ 0.476 χ^2 /NDF: 4064982.4/63

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1387.415 ± 1360.549 χ^2/NDF : 20.1/14

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

Left In: 929.435 ± 1438.601 χ^2/NDF : 9.9/12

Left: 1171.185 ± 988.495 χ^2/NDF : 30.1/27

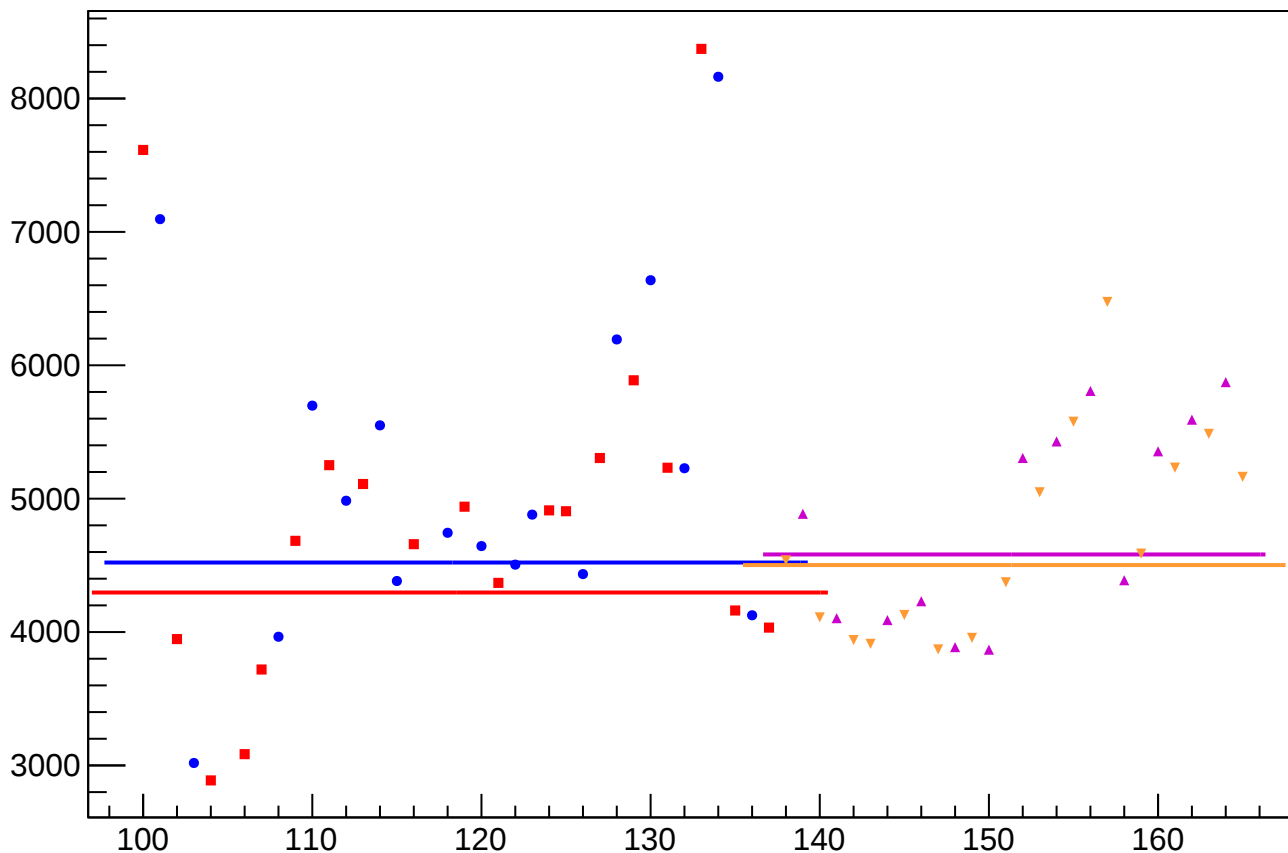
Right: -1449.011 ± 1232.750 χ^2/NDF : 32.4/35

In: -353.968 ± 1124.257 χ^2/NDF : 32.1/29

Out: 589.873 ± 1059.831 χ^2/NDF : 32.8/33

All: 145.769 ± 771.184 χ^2/NDF : 65.3/63

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4502.223+/-0.962 χ^2/NDF : 473722.6/14

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

Left In: 4581.759+/-1.017 χ^2/NDF : 458235.0/12

Left: 4539.775+/-0.699 χ^2/NDF : 935184.6/27

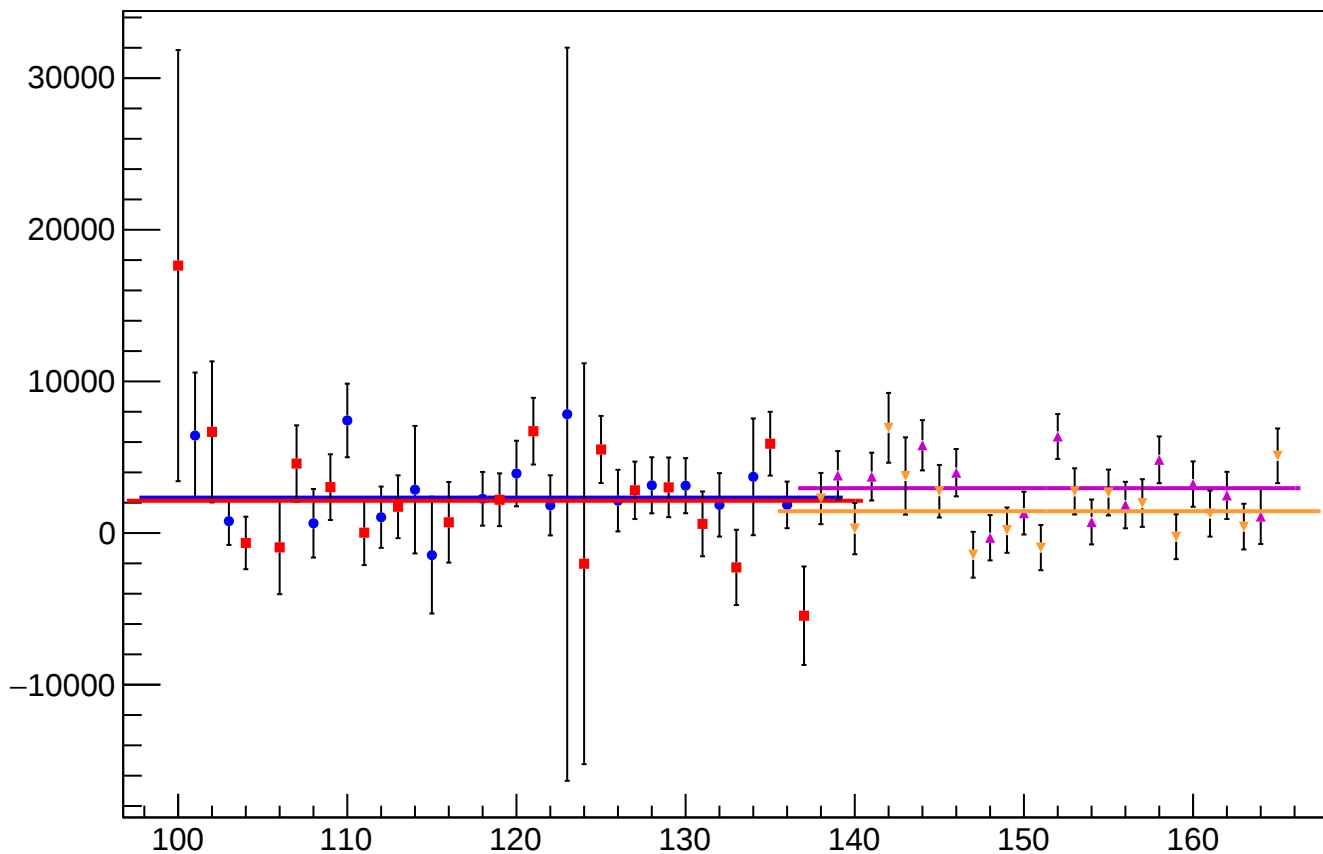
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4558.197+/-0.795 χ^2/NDF : 1238288.2/29

Out: 4420.779+/-0.748 χ^2/NDF : 1265037.2/33

All: 4485.288+/-0.545 χ^2/NDF : 2519179.0/63

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: 1439.023 $\pm$ 421.619 χ^2 /NDF:22.1/14

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

Left In: 2959.251 $\pm$ 428.785 χ^2 /NDF:20.8/12

Left: 2186.327 $\pm$ 300.631 χ^2 /NDF: 49.3/27

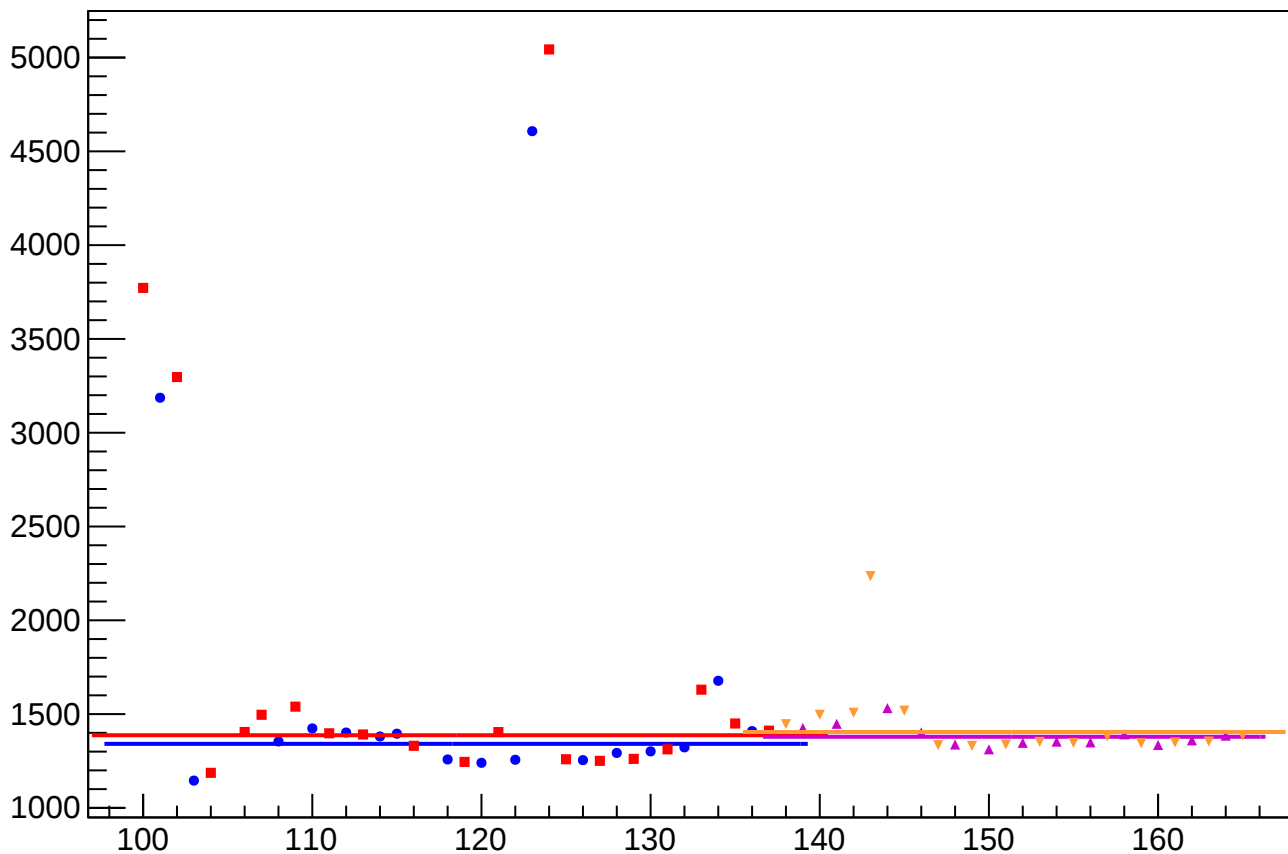
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2713.714 $\pm$ 333.633 χ^2 /NDF:31.2/29

Out: 1700.981 $\pm$ 332.141 χ^2 /NDF:50.7/33

All: 2205.078 $\pm$ 235.385 χ^2 /NDF: 86.5/63

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1404.540 $\pm$ 0.298 χ^2 /NDF: 259874.2/14

Right Out: 1387.348 $\pm$ 0.381 χ^2 /NDF: 650193.3/18

Left In: 1379.103 $\pm$ 0.303 χ^2 /NDF: 33503.8/12

Left: 1392.036 $\pm$ 0.213 χ^2 /NDF: 296956.4/27

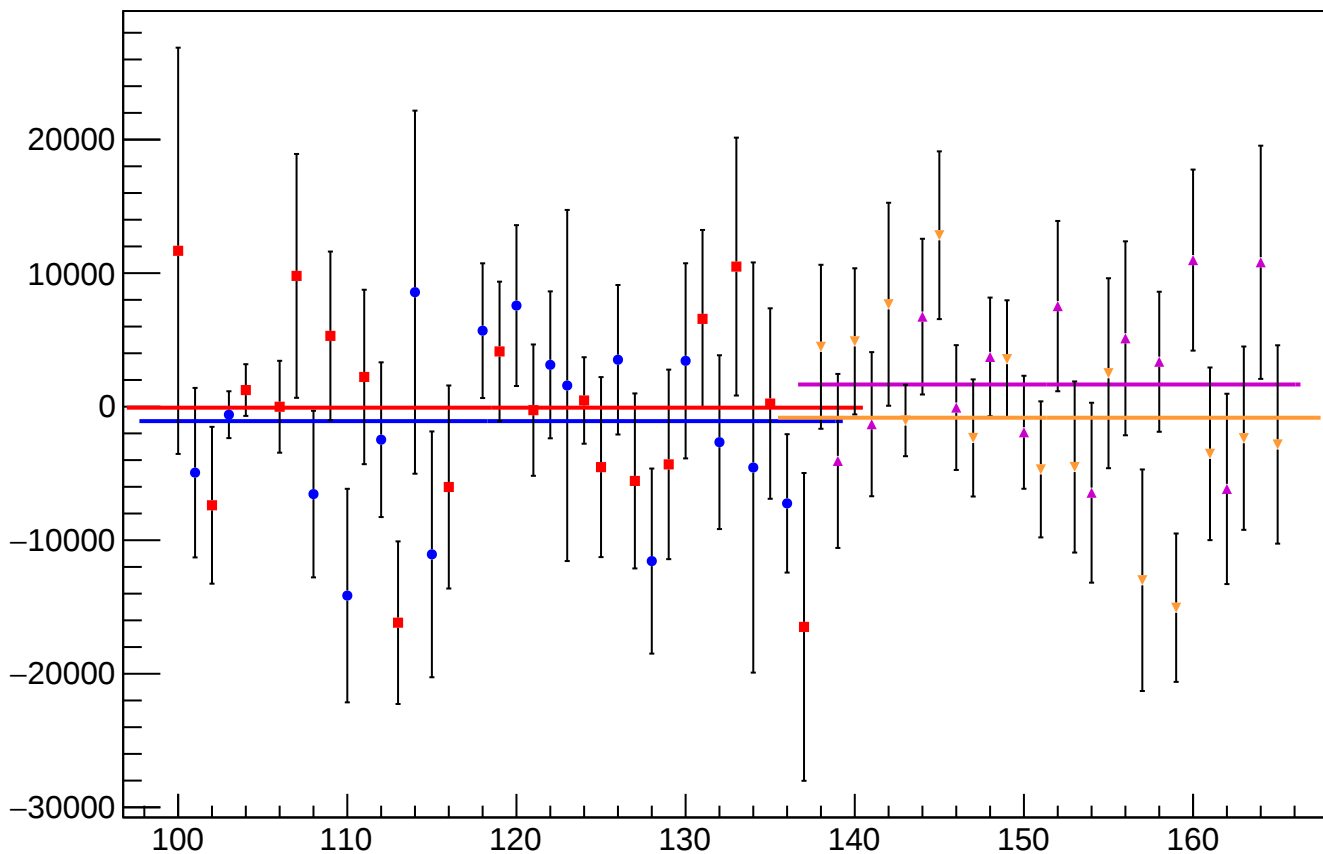
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

In: 1364.216 $\pm$ 0.236 χ^2 /NDF: 543885.8/29

Out: 1398.014 $\pm$ 0.235 χ^2 /NDF: 911329.8/33

All: 1381.193 $\pm$ 0.166 χ^2 /NDF: 1465525.5/63

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -827.348 $\pm$ 1362.324 χ^2 /NDF:19.1/14

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

Left In: 1661.996 $\pm$ 1588.707 χ^2 /NDF:9.7/12

Left: 227.476 $\pm$ 1034.169 χ^2 /NDF: 30.2/27

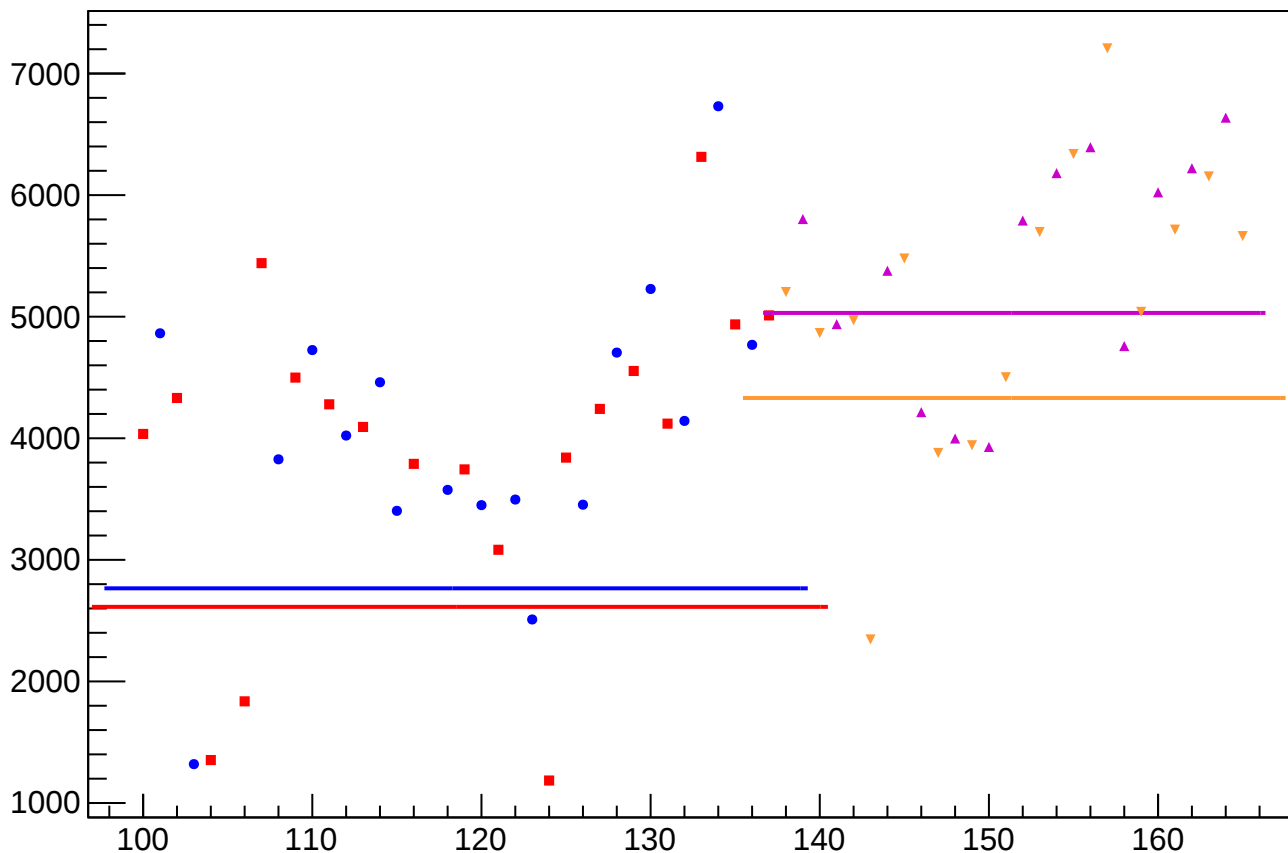
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -71.514 $\pm$ 963.800 χ^2 /NDF:26.6/29

Out: -379.889 $\pm$ 868.015 χ^2 /NDF:37.9/33

All: -241.782 $\pm$ 644.992 χ^2 /NDF: 64.5/63

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4331.500 $\pm$ 0.963 χ^2 /NDF: 2102217.4/14

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

Left In: 5030.962 $\pm$ 1.123 χ^2 /NDF: 669532.3/12

Left: 4627.887 $\pm$ 0.731 χ^2 /NDF: 2995154.1/27

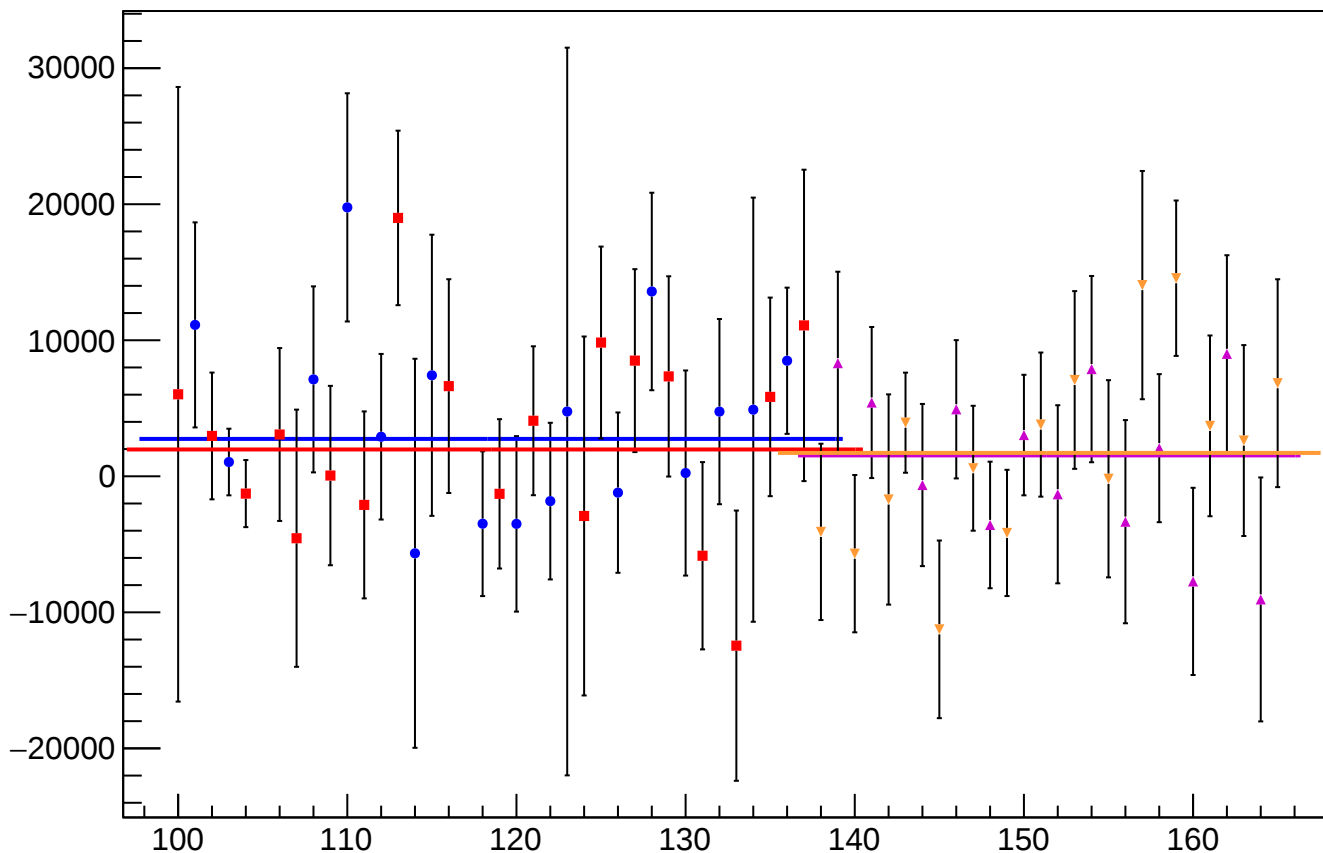
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3599.413 $\pm$ 0.682 χ^2 /NDF: 6178181.4/29

Out: 3310.877 $\pm$ 0.614 χ^2 /NDF: 7331827.6/33

All: 3440.099 $\pm$ 0.456 χ^2 /NDF: 13608980.5/66

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: 1718.764+/-1499.465 χ^2/NDF : 17.3/14

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

Left In: 1535.489+/-1649.489 χ^2/NDF : 9.2/12

Left: 1635.838+/-1109.538 χ^2/NDF : 26.5/27

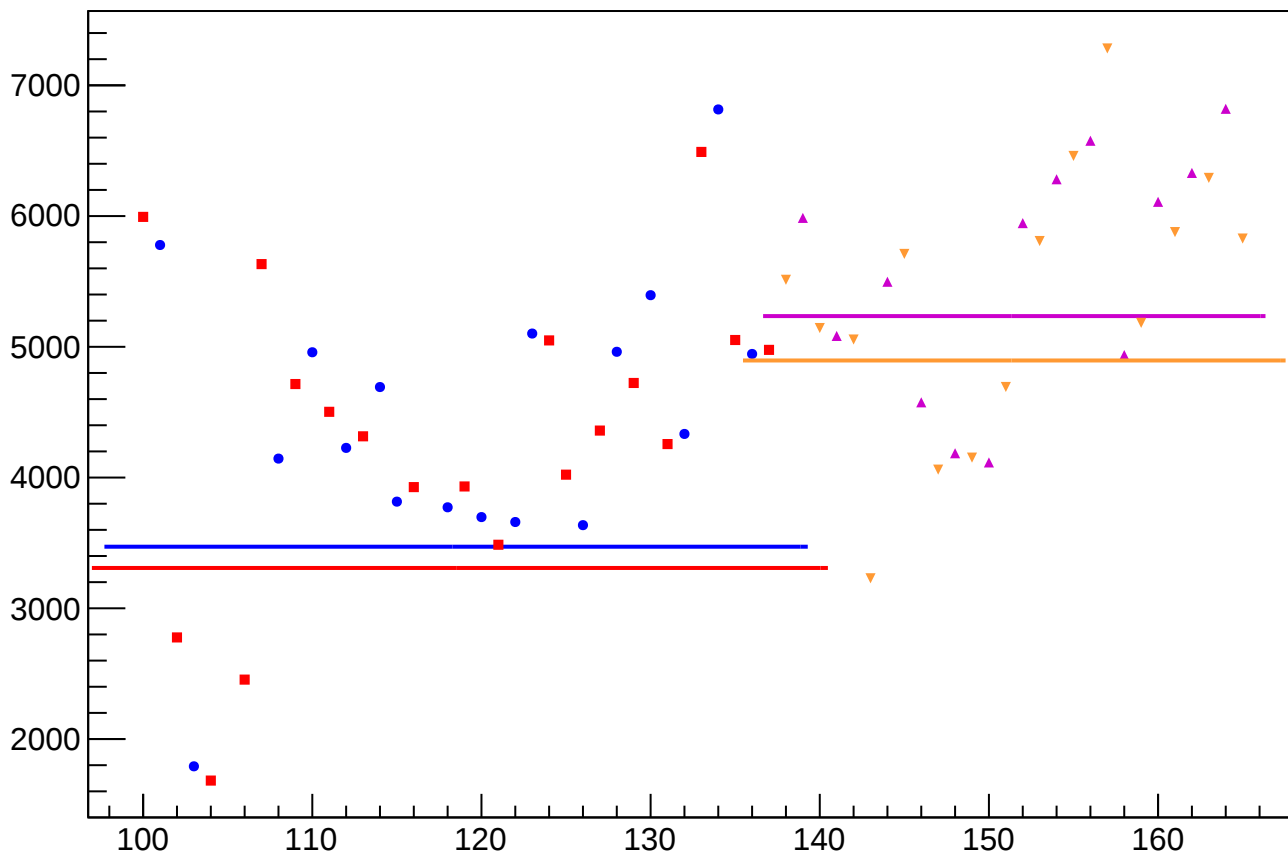
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2221.004+/-1087.616 χ^2/NDF : 23.2/29

Out: 1855.258+/-1016.099 χ^2/NDF : 35.1/33

All: 2025.712+/-742.487 χ^2/NDF : 58.4/63

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: 4895.520+/-1.060 χ^2/NDF : 1036155.9/14

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

Left In: 5235.010+/-1.166 χ^2/NDF : 574643.4/12

Left: 5049.128+/-0.785 χ^2/NDF : 1657186.4/27

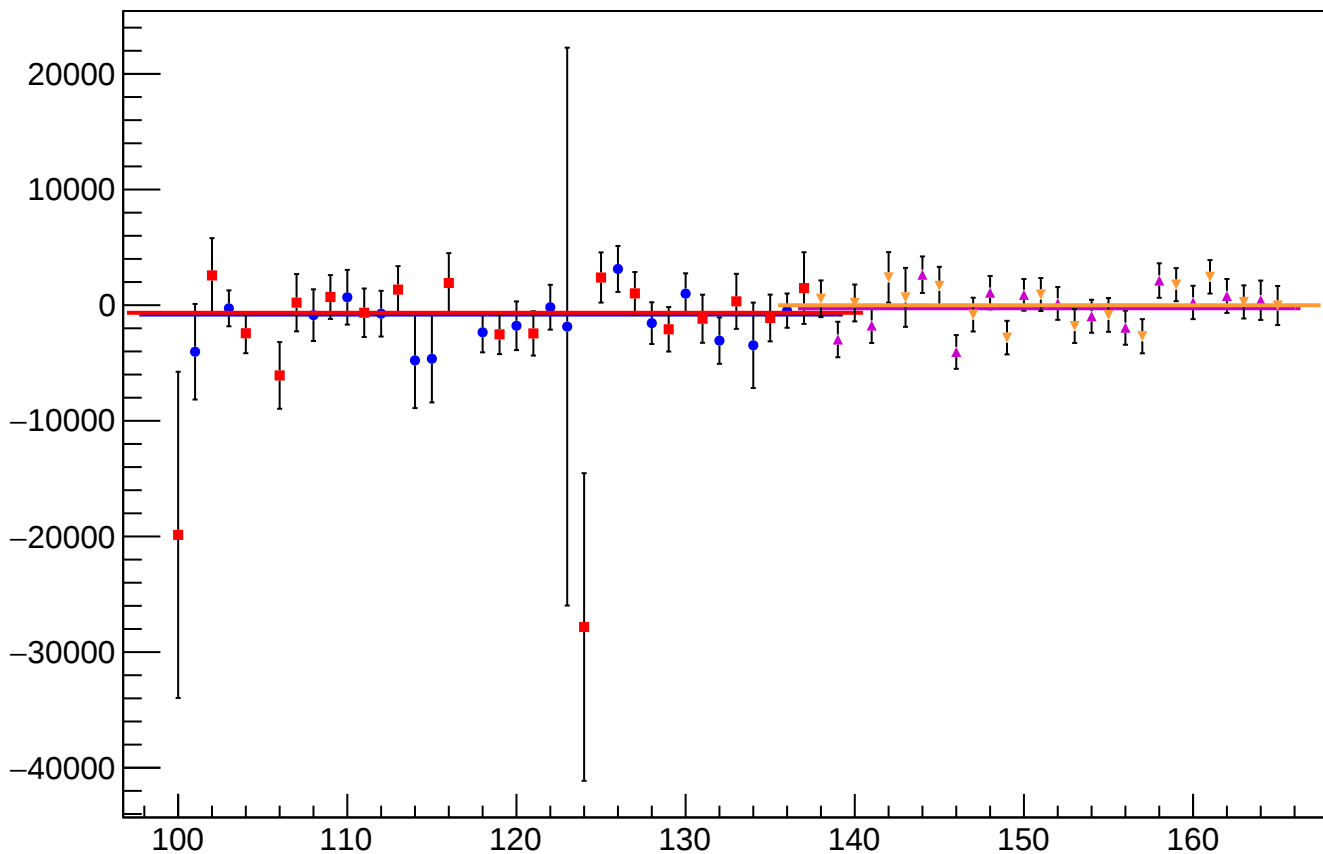
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4237.991+/-0.769 χ^2/NDF : 3635236.6/29

Out: 4030.055+/-0.715 χ^2/NDF : 4172266.5/33

All: 4126.448+/-0.524 χ^2/NDF : 7846719.1/63

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: -7.028+/-403.062 χ^2/NDF :16.5/14

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

Left In: -265.686+/-410.409 χ^2/NDF :20.8/12

Left: -134.021+/-287.570 χ^2/NDF : 37.5/27

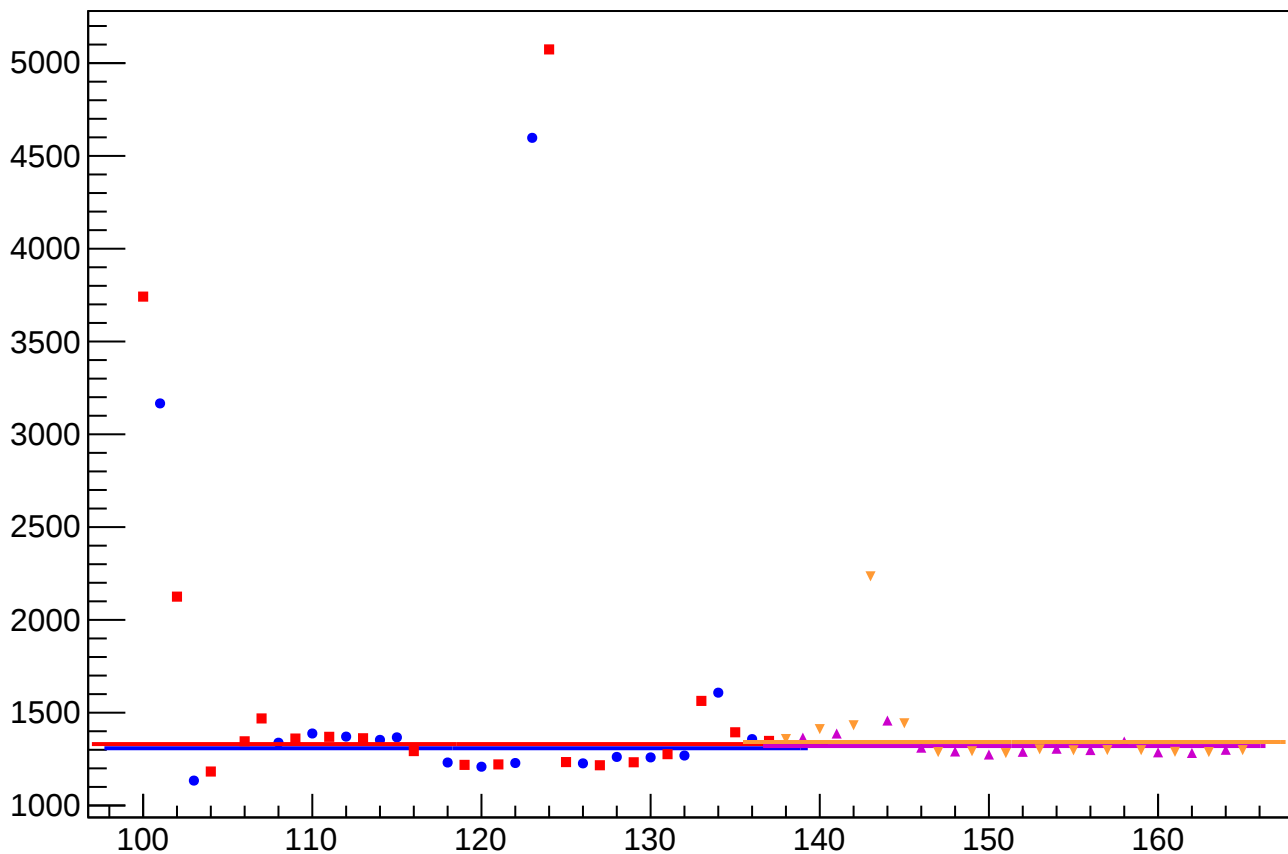
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -475.126+/-321.726 χ^2/NDF :32.6/29

Out: -253.884+/-317.311 χ^2/NDF :37.9/33

All: -362.977+/-225.918 χ^2/NDF : 70.8/63

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1342.089+/-0.285 χ^2/NDF : 282925.7/14

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

Left In: 1320.248+/-0.290 χ^2/NDF : 28812.1/12

Left: 1331.366+/-0.203 χ^2/NDF : 314621.1/27

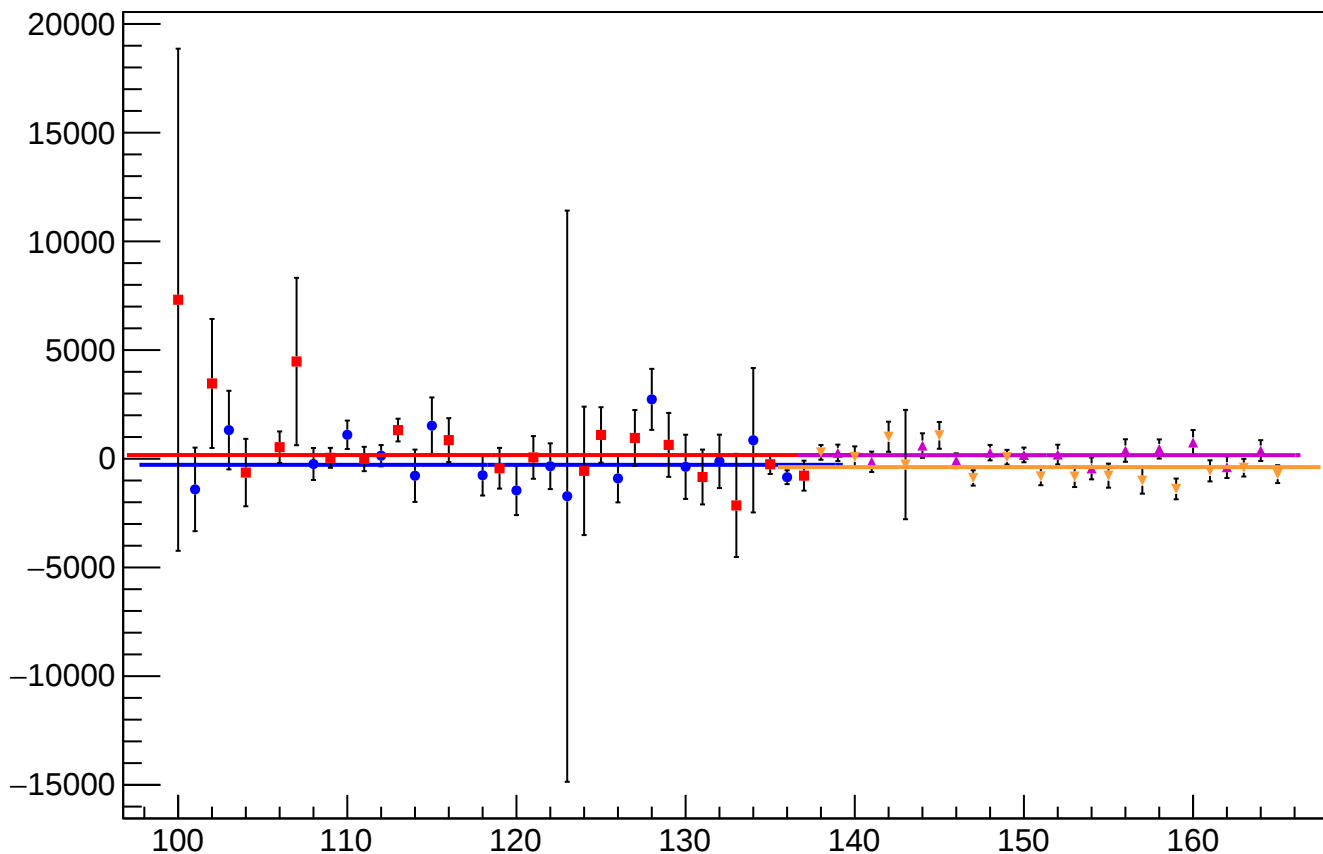
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1315.668+/-0.227 χ^2/NDF : 536003.3/29

Out: 1337.819+/-0.224 χ^2/NDF : 699361.5/33

All: 1326.897+/-0.160 χ^2/NDF : 1240170.8/63

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: -383.538+/-118.198 χ^2/NDF : 27.1/14

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

Left In: 166.450+/-120.244 χ^2/NDF : 6.3/12

Left: -113.263+/-84.293 χ^2/NDF : 44.1/27

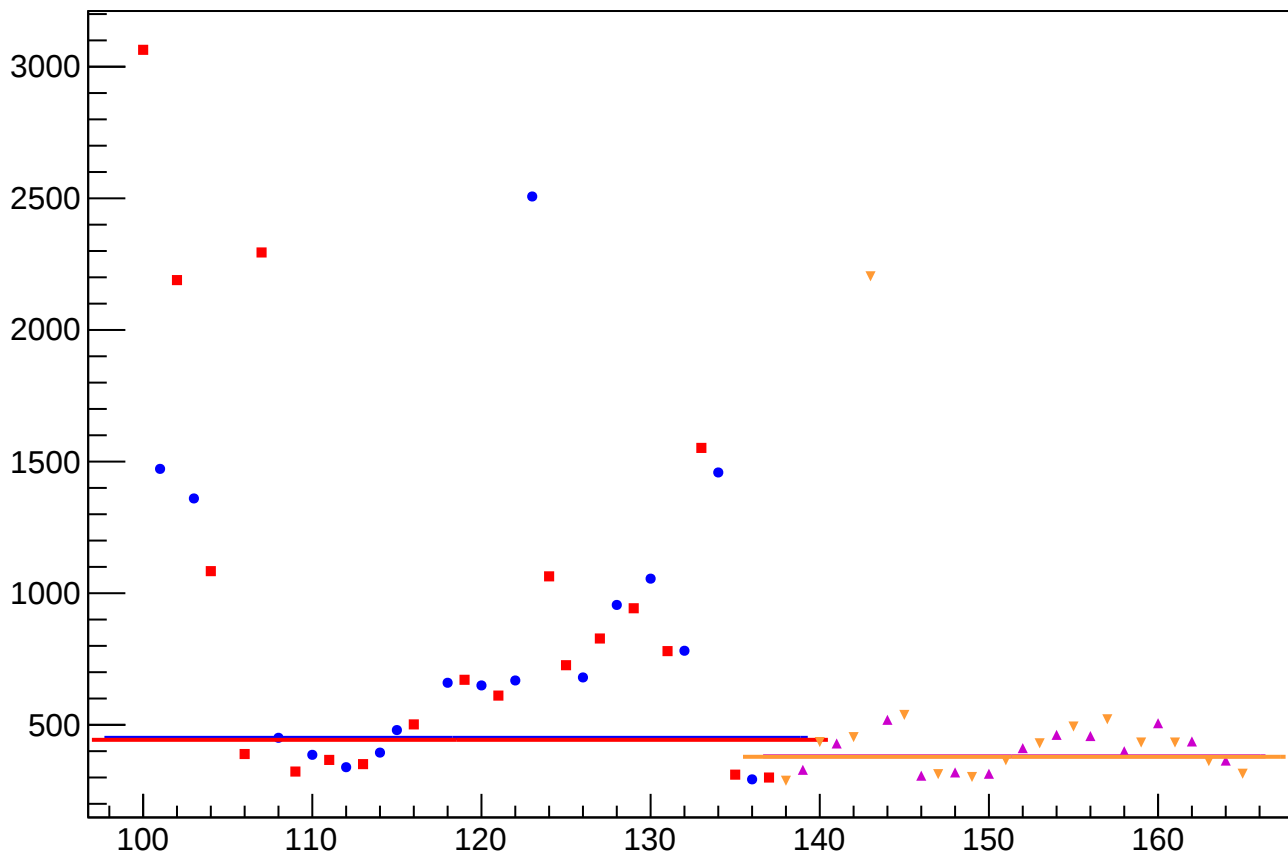
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: 46.616+/-102.793 χ^2/NDF : 28.1/29

Out: -231.502+/-100.720 χ^2/NDF : 47.9/33

All: -95.276+/-71.942 χ^2/NDF : 79.7/63

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: 378.672+/-0.084 χ^2/NDF : 1882474.1/14

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

Left In: 380.560+/-0.085 χ^2/NDF : 644859.3/12

Left: 379.600+/-0.060 χ^2/NDF : 2527584.4/27

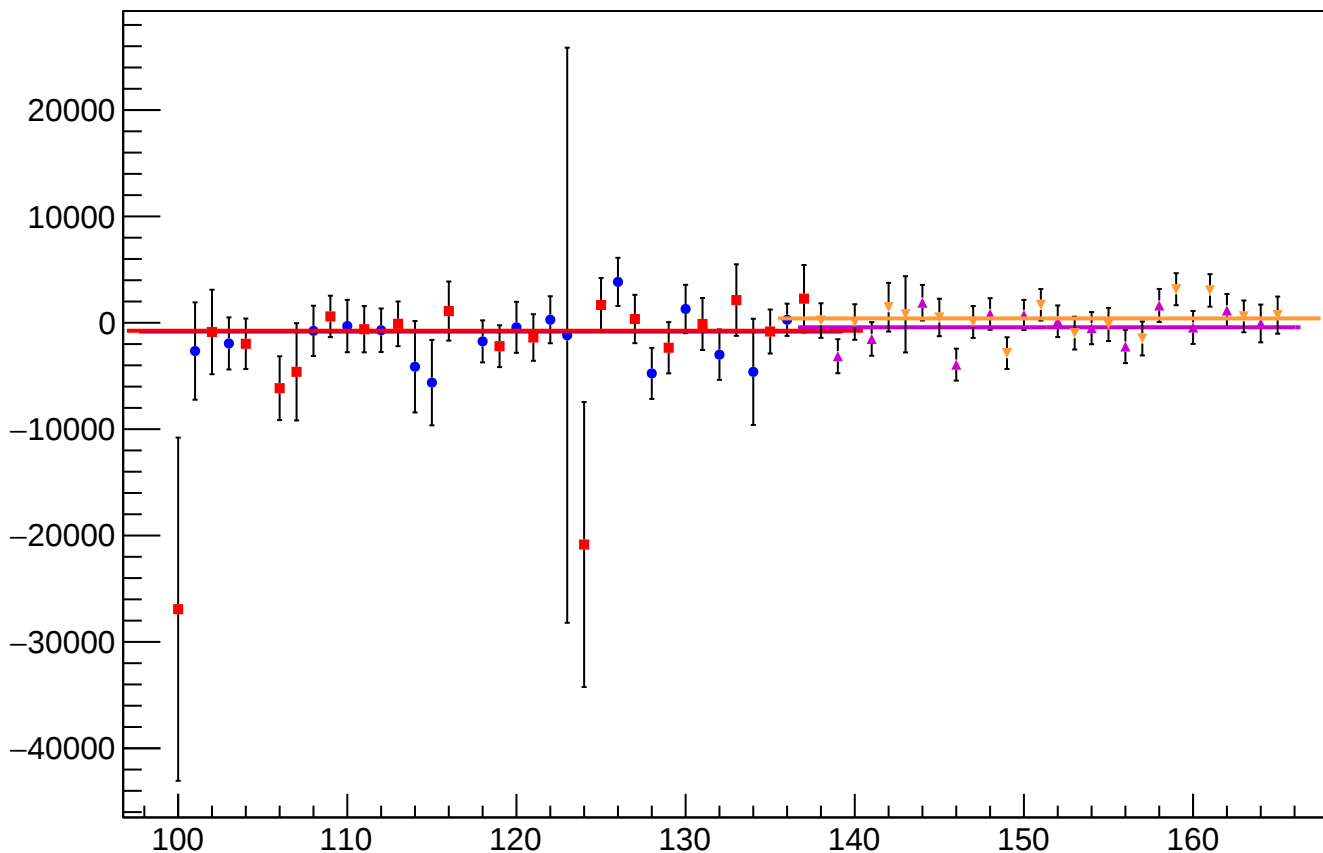
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 399.413+/-0.073 χ^2/NDF : 3825234.0/29

Out: 396.316+/-0.071 χ^2/NDF : 5516570.3/33

All: 397.833+/-0.051 χ^2/NDF : 9342730.7/63

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: 411.172+/-424.731 χ^2/NDF :14.5/14

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

Left In: -422.754+/-430.041 χ^2/NDF :16.4/12

Left: -0.610+/-302.190 χ^2/NDF : 32.9/27

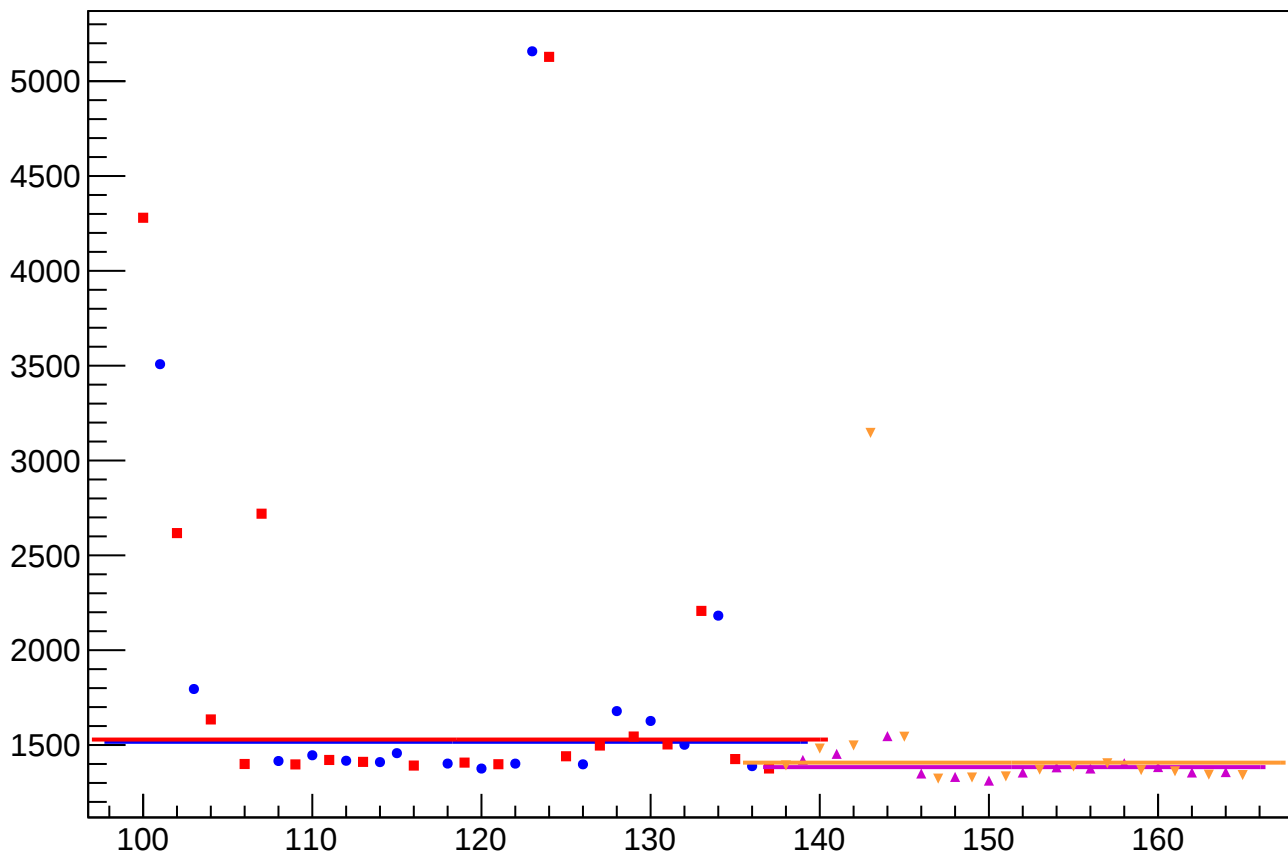
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -556.249+/-349.760 χ^2/NDF :29.4/29

Out: 21.013+/-345.821 χ^2/NDF :31.1/33

All: -264.348+/-245.913 χ^2/NDF : 61.9/63

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1407.051 $\pm$ 0.300 χ^2 /NDF: 517681.8/14

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

Left In: 1383.390 $\pm$ 0.304 χ^2 /NDF: 34830.7/12

Left: 1395.367 $\pm$ 0.214 χ^2 /NDF: 555577.4/27

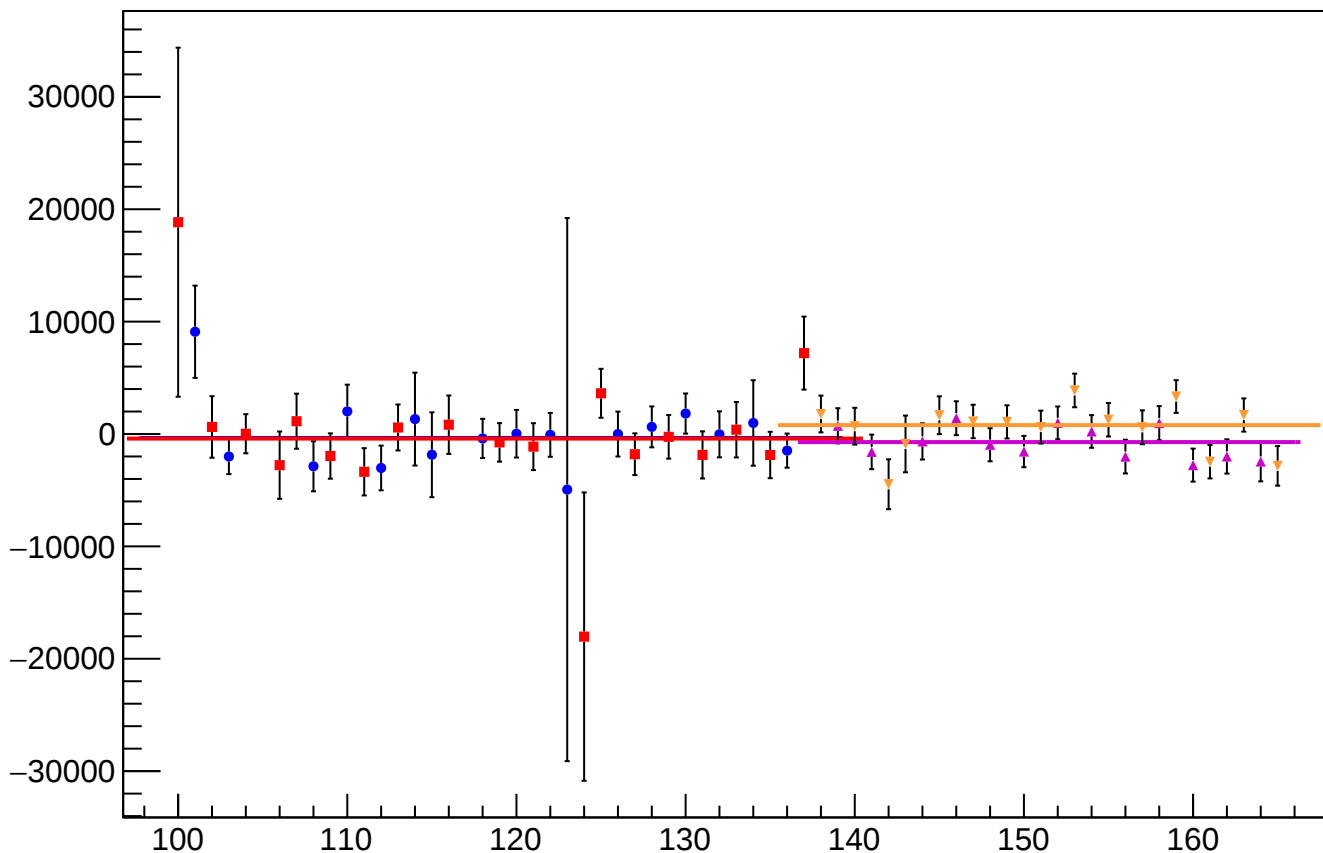
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1428.597 $\pm$ 0.247 χ^2 /NDF: 641159.8/29

Out: 1448.107 $\pm$ 0.245 χ^2 /NDF: 1203305.8/33

All: 1438.462 $\pm$ 0.174 χ^2 /NDF: 1847612.3/63

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 789.083 ± 412.492 $\chi^2/\text{NDF}: 23.6/14$

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

Left In: -720.336 ± 419.942 $\chi^2/\text{NDF}: 10.9/12$

Left: 47.880 ± 294.275 $\chi^2/\text{NDF}: 41.2/27$

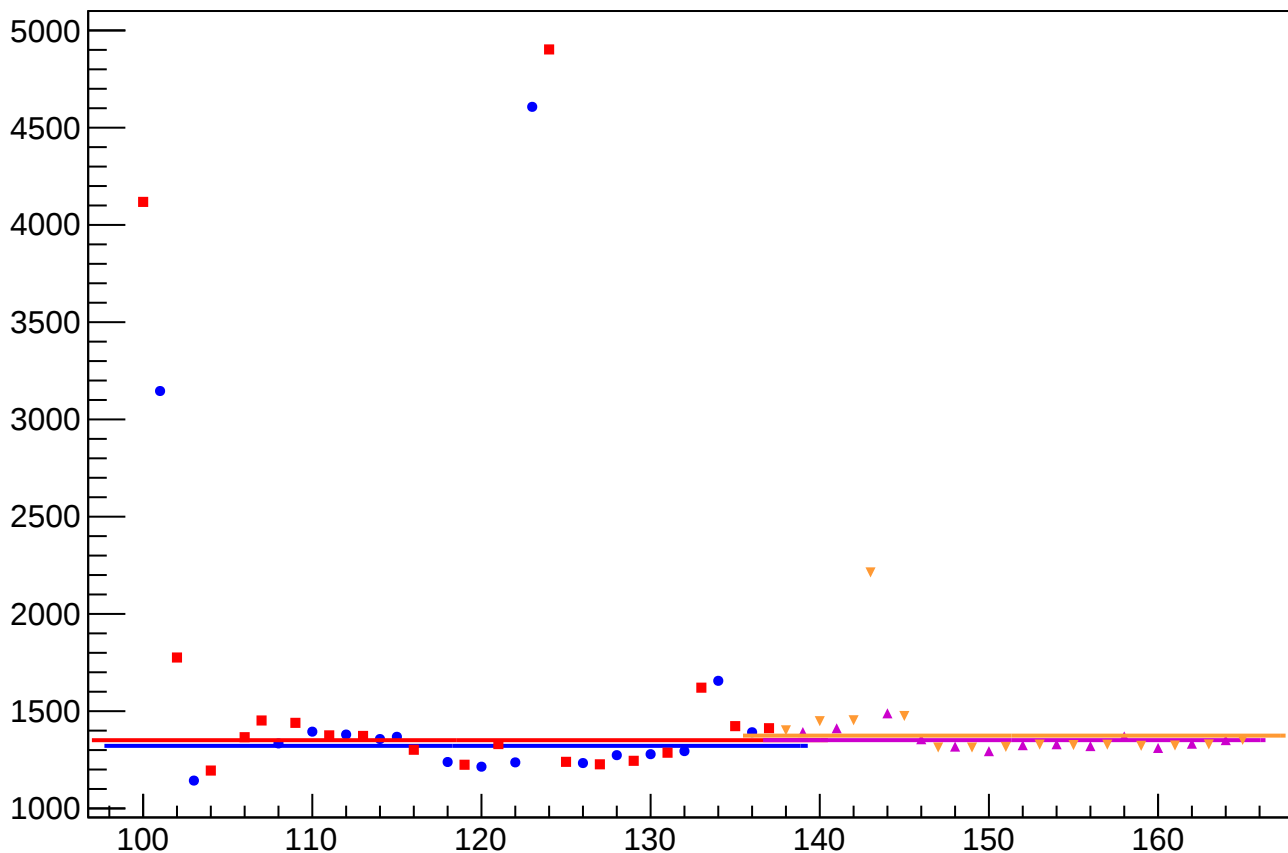
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -576.502 ± 327.528 $\chi^2/\text{NDF}: 24.6/29$

Out: 329.206 ± 323.652 $\chi^2/\text{NDF}: 45.3/33$

All: -118.258 ± 230.215 $\chi^2/\text{NDF}: 73.8/63$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1374.316 $\pm$ 0.292 χ^2 /NDF:258463.5/14

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

Left In: 1351.043 $\pm$ 0.297 χ^2 /NDF:27486.3/12

Left: 1362.888 $\pm$ 0.208 χ^2 /NDF: 289076.0/27

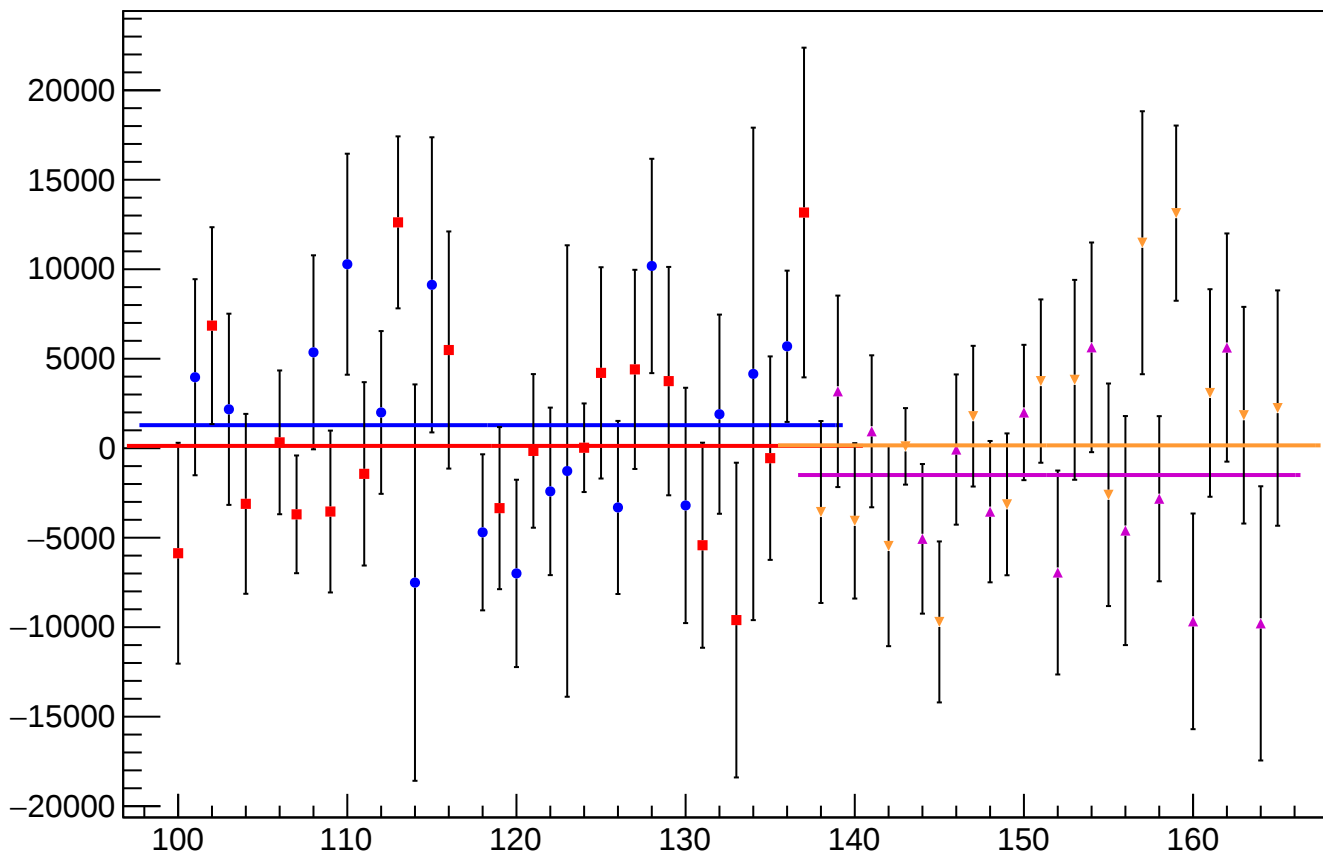
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1339.550 $\pm$ 0.232 χ^2 /NDF:533556.3/29

Out: 1365.261 $\pm$ 0.229 χ^2 /NDF:610853.2/33

All: 1352.561 $\pm$ 0.163 χ^2 /NDF: 1150646.1/63

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 158.772+/-1142.068 χ^2/NDF :19.2/14

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

Left In: -1498.382+/-1362.019 χ^2/NDF :10.0/12

Left: -525.360+/-875.128 χ^2/NDF : 30.2/27

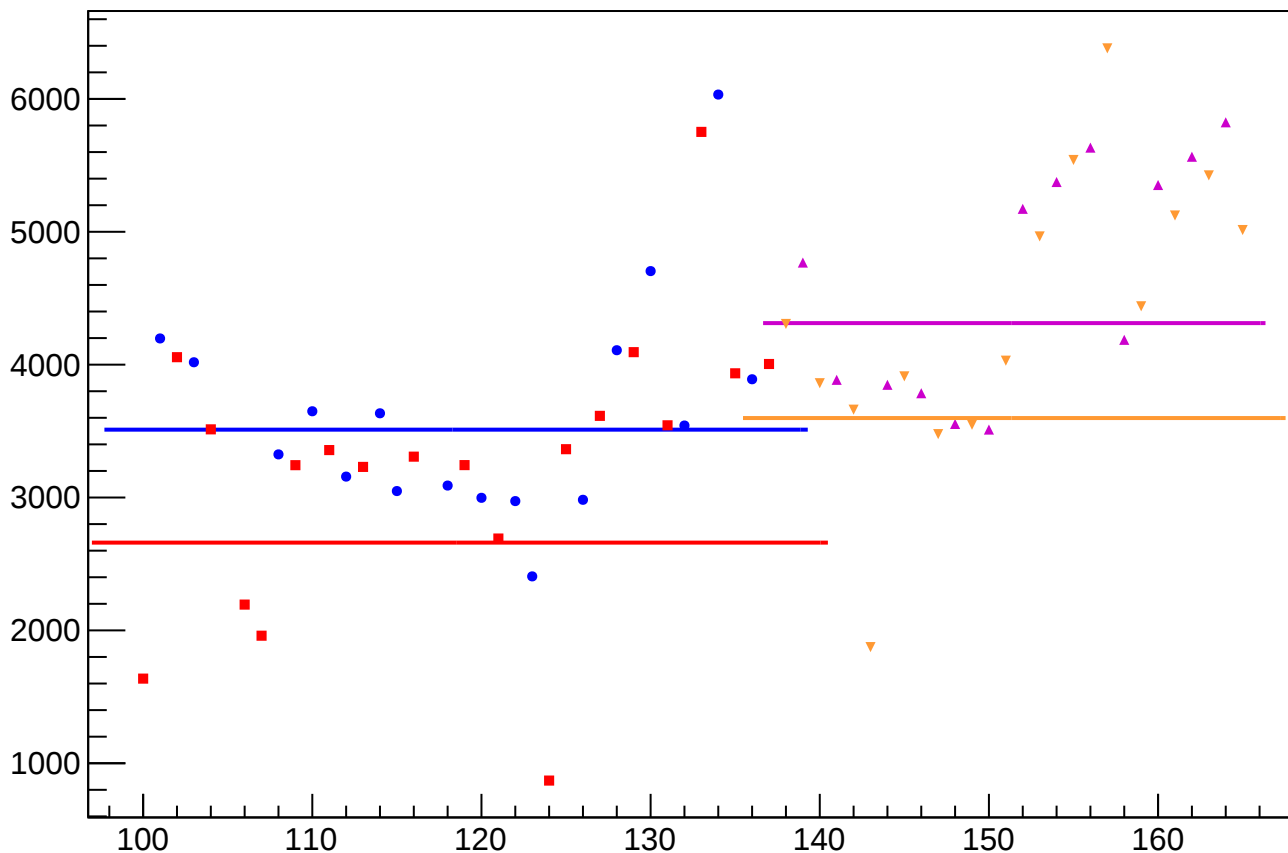
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: -119.520+/-967.947 χ^2/NDF :26.4/29

Out: 143.154+/-787.847 χ^2/NDF :37.8/33

All: 38.480+/-611.029 χ^2/NDF : 64.2/63

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: 3598.168+/-0.808 χ^2/NDF : 2450819.9/14

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

Left In: 4312.734+/-0.963 χ^2/NDF : 667293.4/12

Left: 3893.166+/-0.619 χ^2/NDF : 3441340.2/27

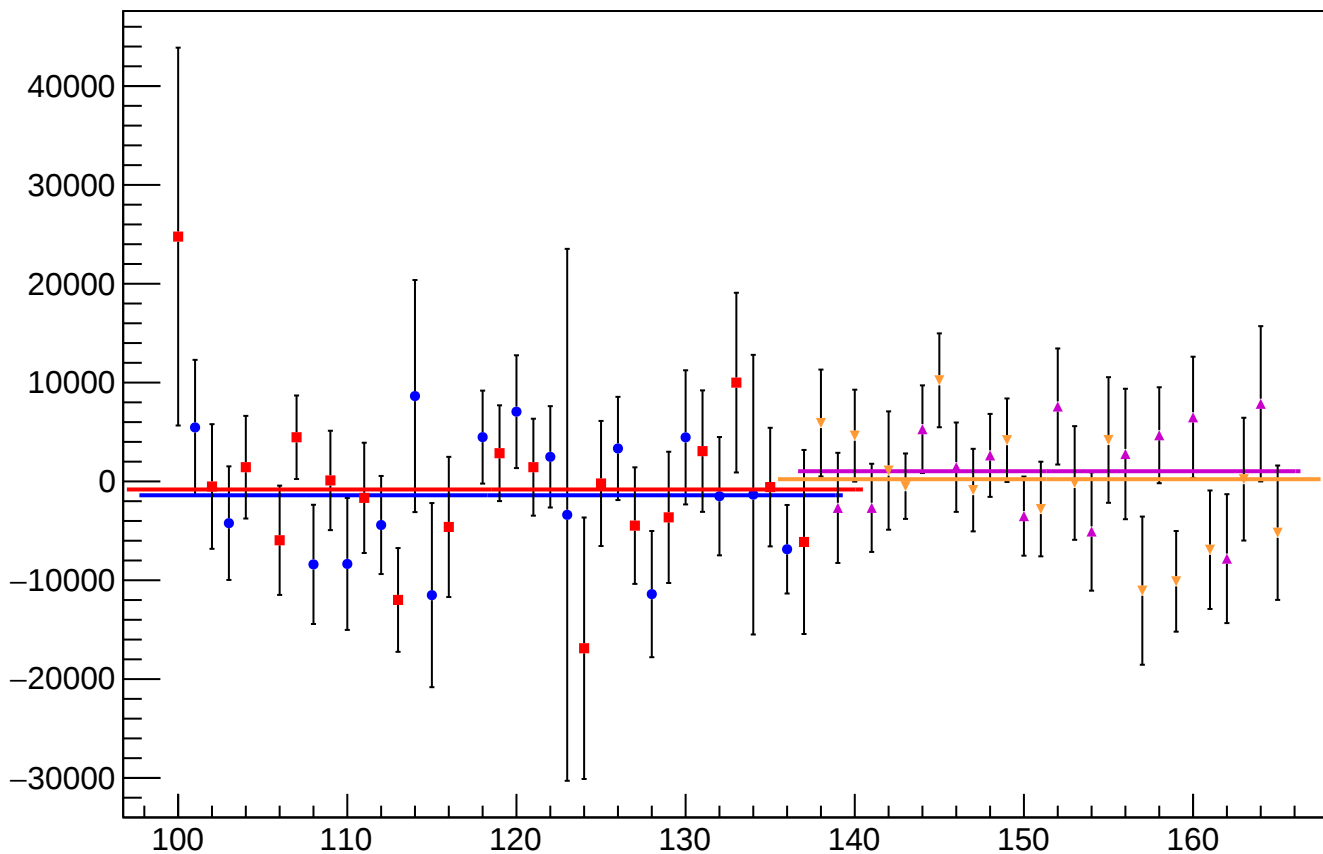
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3915.818+/-0.684 χ^2/NDF : 1354511.1/29

Out: 3106.791+/-0.557 χ^2/NDF : 5339870.9/33

All: 3429.183+/-0.432 χ^2/NDF : 7534795.7/63

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 225.274 $\pm$ 1304.374 χ^2 /NDF:16.7/14

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

Left In: 1032.242 $\pm$ 1428.481 χ^2 /NDF:9.8/12

Left: 592.186 $\pm$ 963.225 χ^2 /NDF: 26.6/27

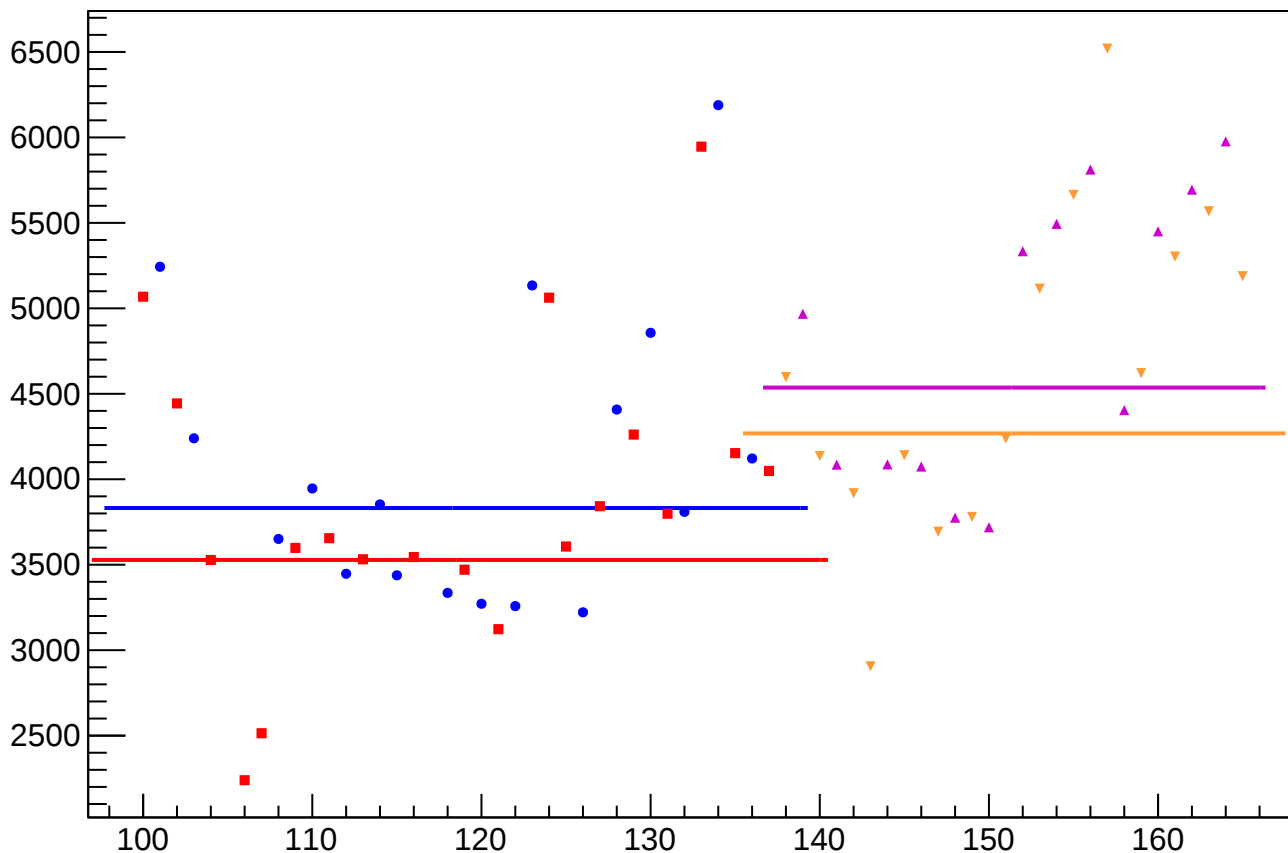
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -121.847 $\pm$ 1035.806 χ^2 /NDF:27.0/29

Out: -265.477 $\pm$ 947.650 χ^2 /NDF:31.2/33

All: -200.033 $\pm$ 699.182 χ^2 /NDF: 58.2/63

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4268.208+/-0.922 χ^2/NDF : 934530.5/14

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

Left In: 4536.406+/-1.010 χ^2/NDF : 562048.8/12

Left: 4390.152+/-0.681 χ^2/NDF : 1535024.6/27

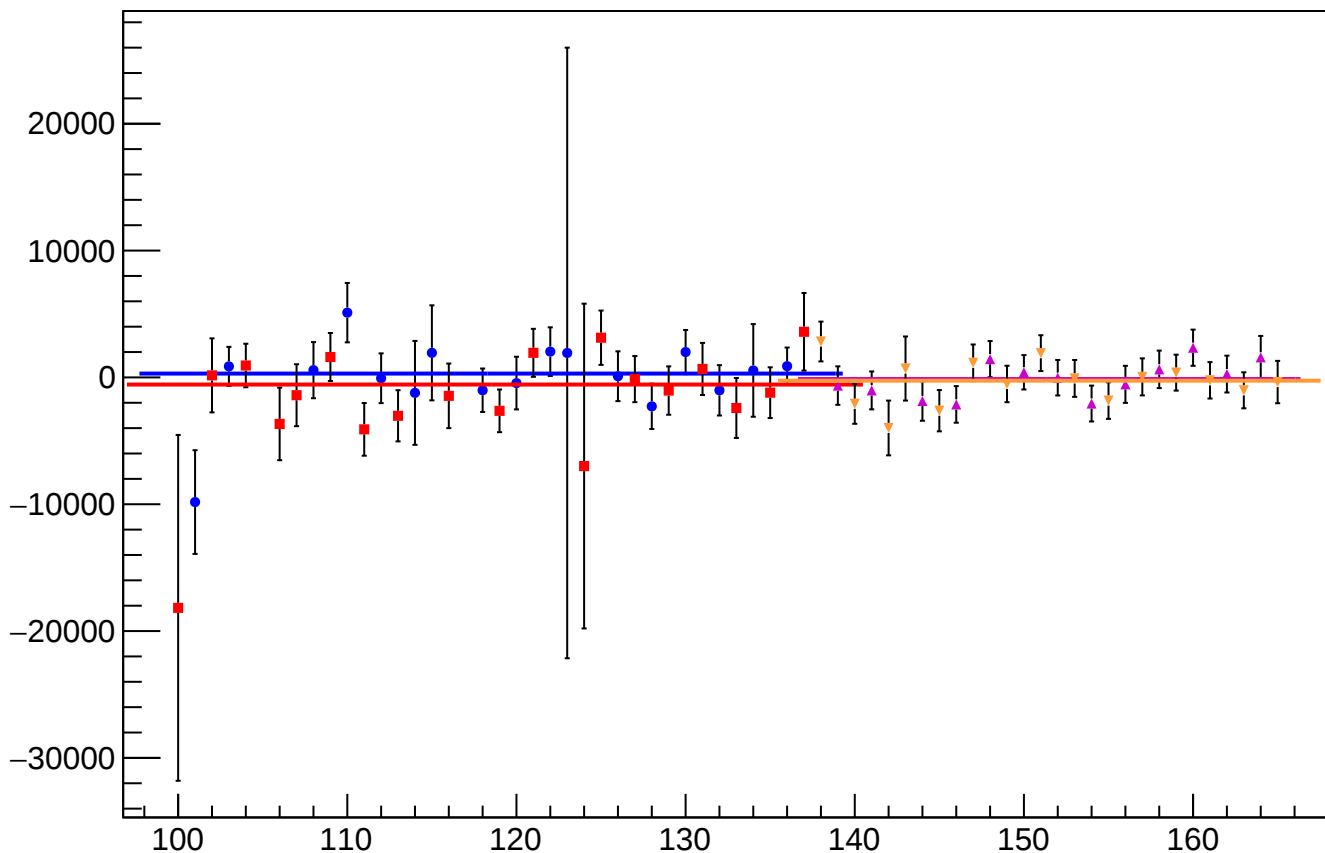
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4202.271+/-0.732 χ^2/NDF : 1130504.1/29

Out: 3915.378+/-0.667 χ^2/NDF : 1798685.9/33

All: 4045.484+/-0.493 χ^2/NDF : 3013042.0/63

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -256.679 $\pm$ 398.960 χ^2 /NDF:15.5/14

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

Left In: -127.841 $\pm$ 406.168 χ^2 /NDF:11.3/12

Left: -193.413 $\pm$ 284.621 χ^2 /NDF: 26.9/27

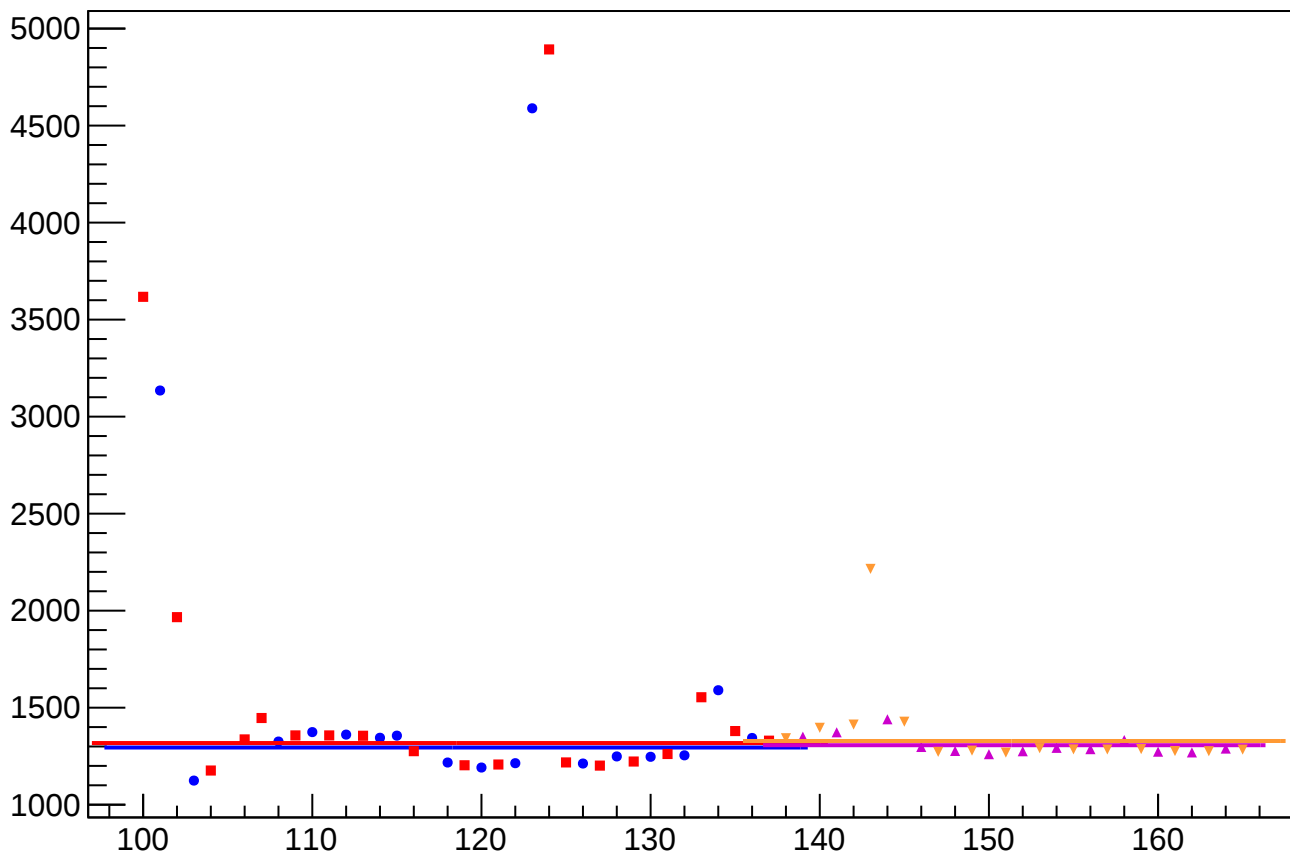
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: 37.840 $\pm$ 318.401 χ^2 /NDF:27.8/29

Out: -373.150 $\pm$ 313.842 χ^2 /NDF:34.9/33

All: -170.618 $\pm$ 223.514 χ^2 /NDF: 63.6/63

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: 1328.335 $\pm$ 0.282 χ^2 /NDF: 283401.9/14

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

Left In: 1306.584 $\pm$ 0.287 χ^2 /NDF: 28432.8/12

Left: 1317.654 $\pm$ 0.201 χ^2 /NDF: 314753.9/27

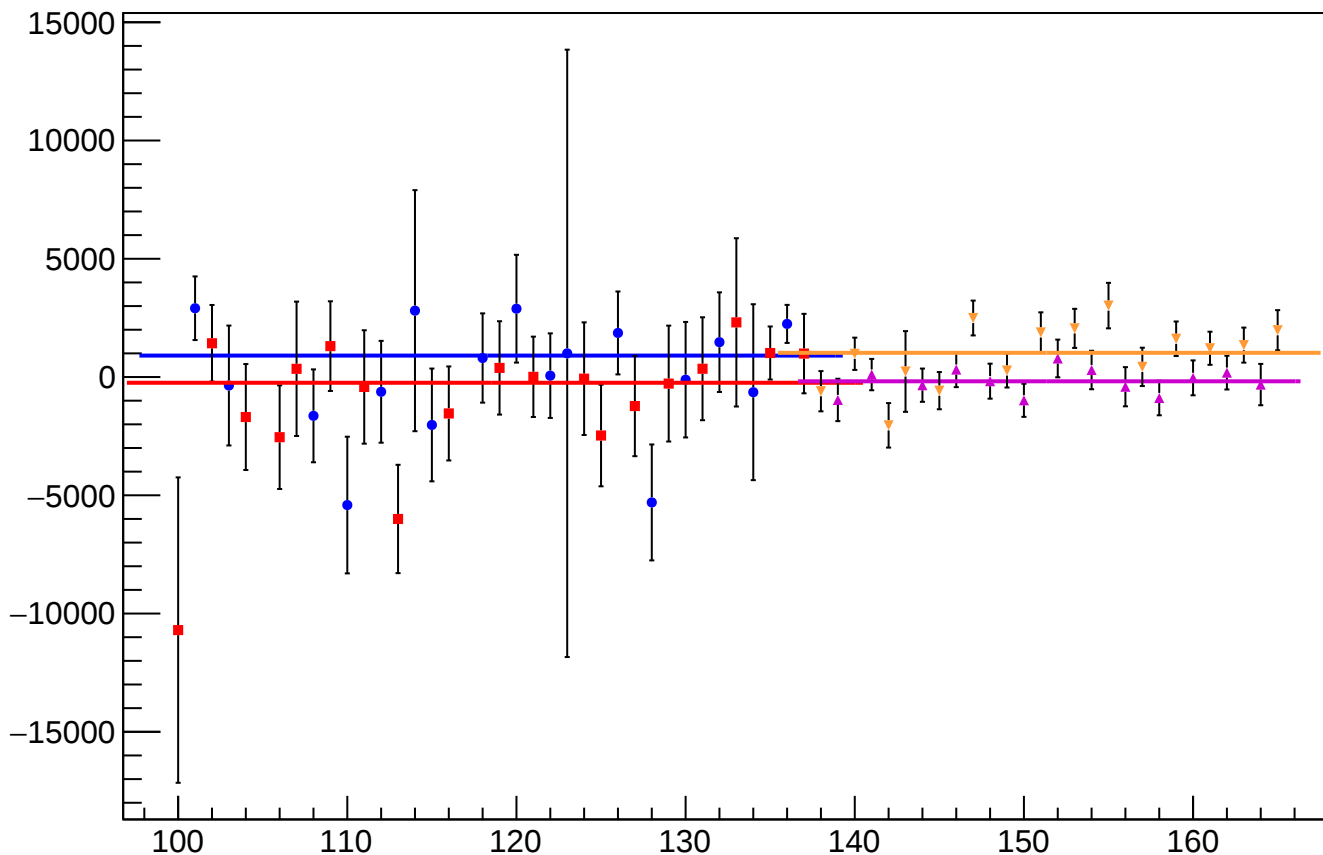
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1302.014 $\pm$ 0.225 χ^2 /NDF: 536893.5/29

Out: 1324.315 $\pm$ 0.222 χ^2 /NDF: 674742.1/33

All: 1313.326 $\pm$ 0.158 χ^2 /NDF: 1216611.9/63

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: 1023.674 $\pm$ 208.597 χ^2 /NDF:33.3/14

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -180.406 $\pm$ 209.647 χ^2 /NDF:5.9/12

Left: 424.656 $\pm$ 147.870 χ^2 /NDF: 55.8/27

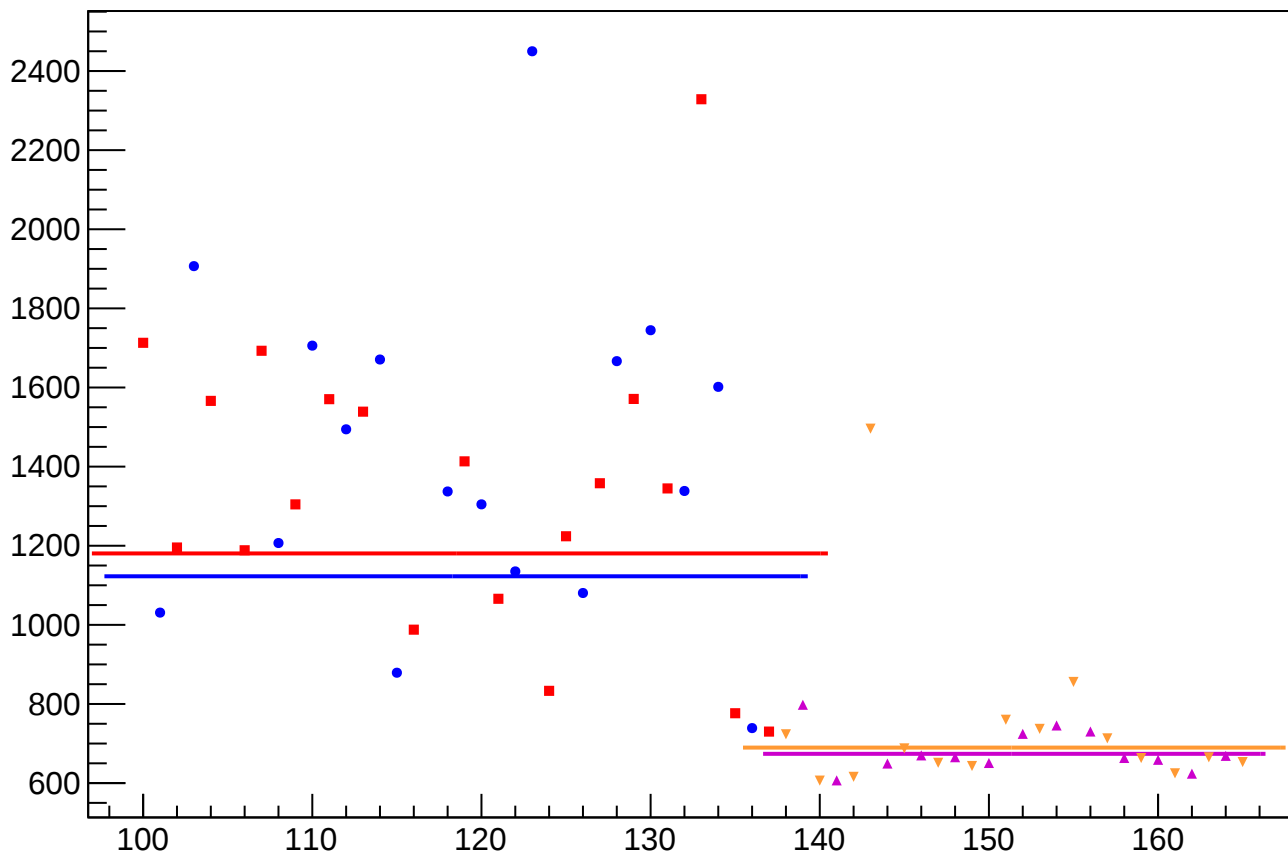
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 9.391 $\pm$ 190.469 χ^2 /NDF:32.6/29

Out: 810.323 $\pm$ 190.210 χ^2 /NDF:56.0/33

All: 410.401 $\pm$ 134.590 χ^2 /NDF: 97.5/63

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Left: 681.914 $\pm$ 0.105 χ^2/NDF : 726315.0/27

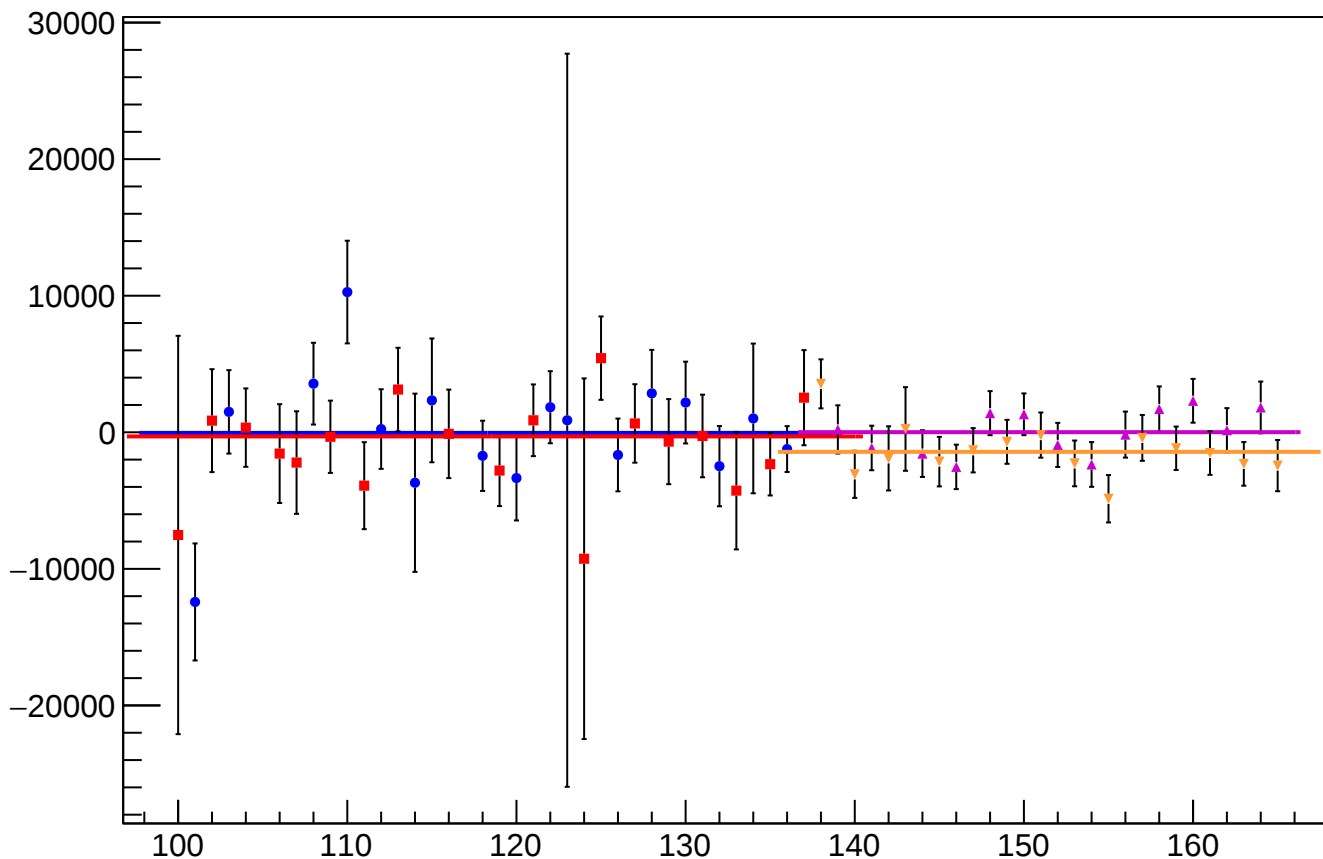
Right: 1151.192 $\pm$ 0.230 χ^2/NDF : 2239183.7/35

In: 752.346 $\pm$ 0.135 χ^2/NDF : 2895936.2/29

Out: 772.468 $\pm$ 0.134 χ^2/NDF : 3514045.0/33

All: 762.421 $\pm$ 0.095 χ^2/NDF : 6421157.2/63

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -1431.924 ± 452.824 $\chi^2/\text{NDF}: 15.0/14$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: 9.386 ± 458.630 $\chi^2/\text{NDF}: 11.7/12$

Left: -720.449 ± 322.228 $\chi^2/\text{NDF}: 31.8/27$

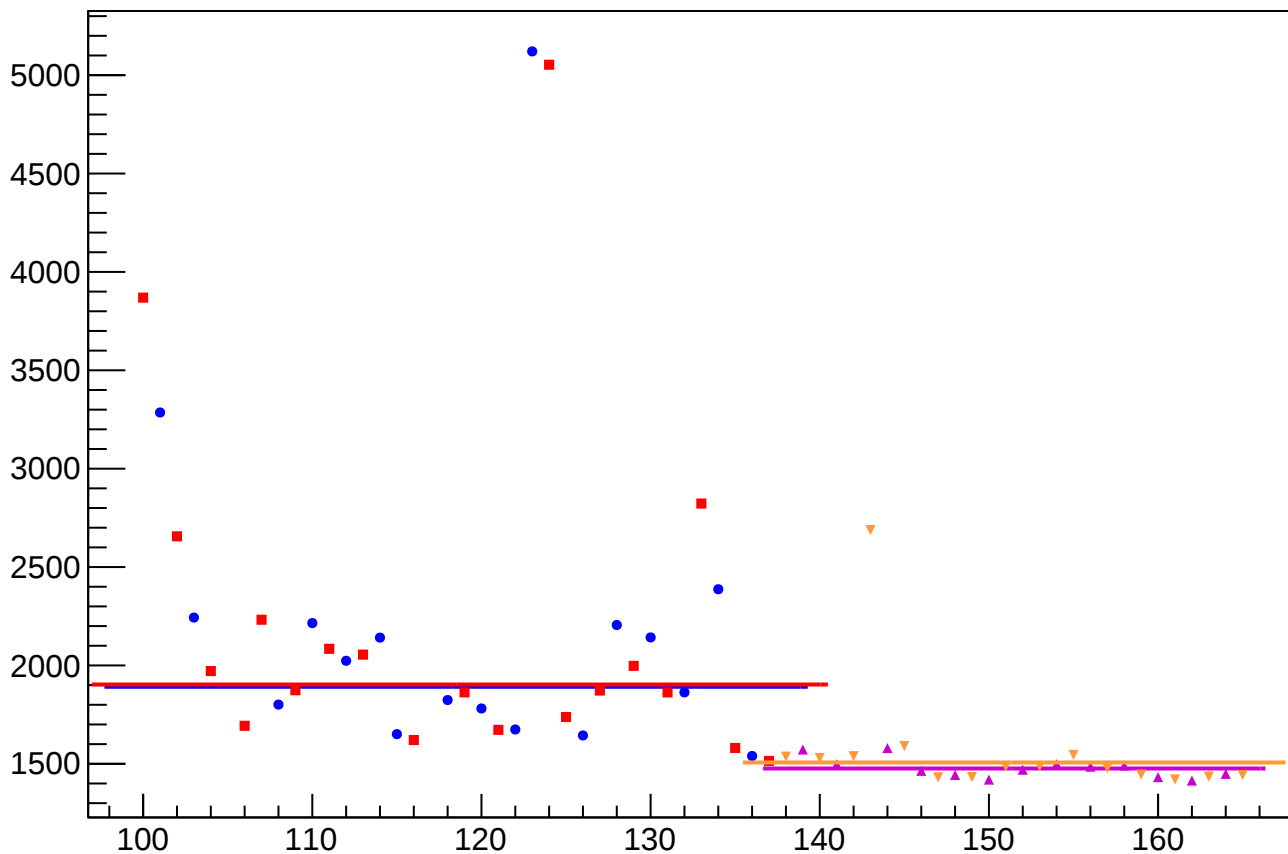
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -5.312 ± 390.928 $\chi^2/\text{NDF}: 35.0/29$

Out: -1121.185 ± 385.452 $\chi^2/\text{NDF}: 27.6/33$

All: -571.119 ± 274.471 $\chi^2/\text{NDF}: 66.7/63$

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: 1506.824 $\pm$ 0.320 χ^2 /NDF: 328849.6/14

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1476.177 $\pm$ 0.324 χ^2 /NDF: 22741.0/12

Left: 1491.696 $\pm$ 0.228 χ^2 /NDF: 356112.8/27

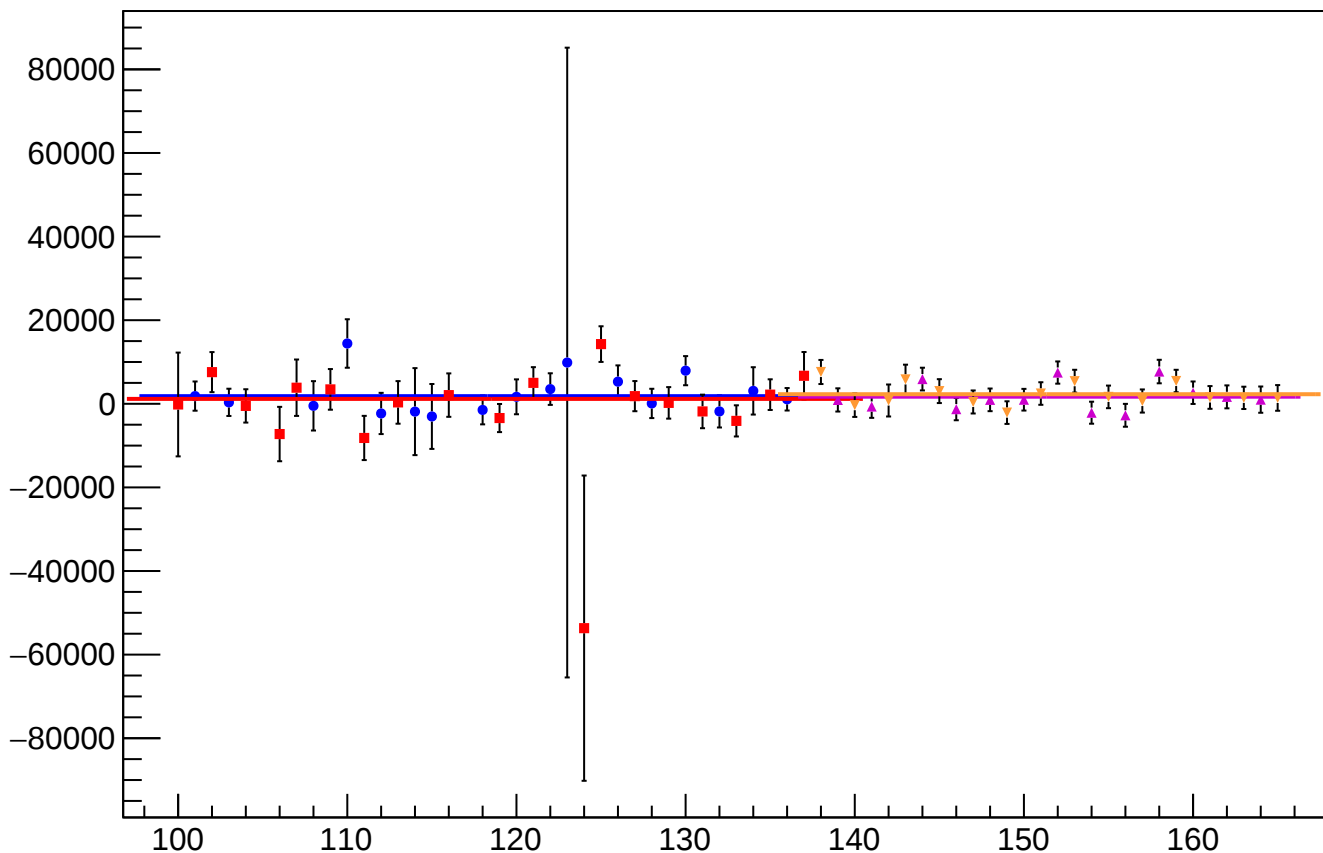
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1589.792 $\pm$ 0.276 χ^2 /NDF: 940679.4/29

Out: 1615.947 $\pm$ 0.273 χ^2 /NDF: 1210678.8/33

All: 1603.054 $\pm$ 0.194 χ^2 /NDF: 2155897.7/63

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2292.961 $\pm$ 735.749 χ^2 /NDF:12.0/14

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1702.055 $\pm$ 756.637 χ^2 /NDF:18.9/12

Left: 2005.777 $\pm$ 527.483 χ^2 /NDF: 31.2/27

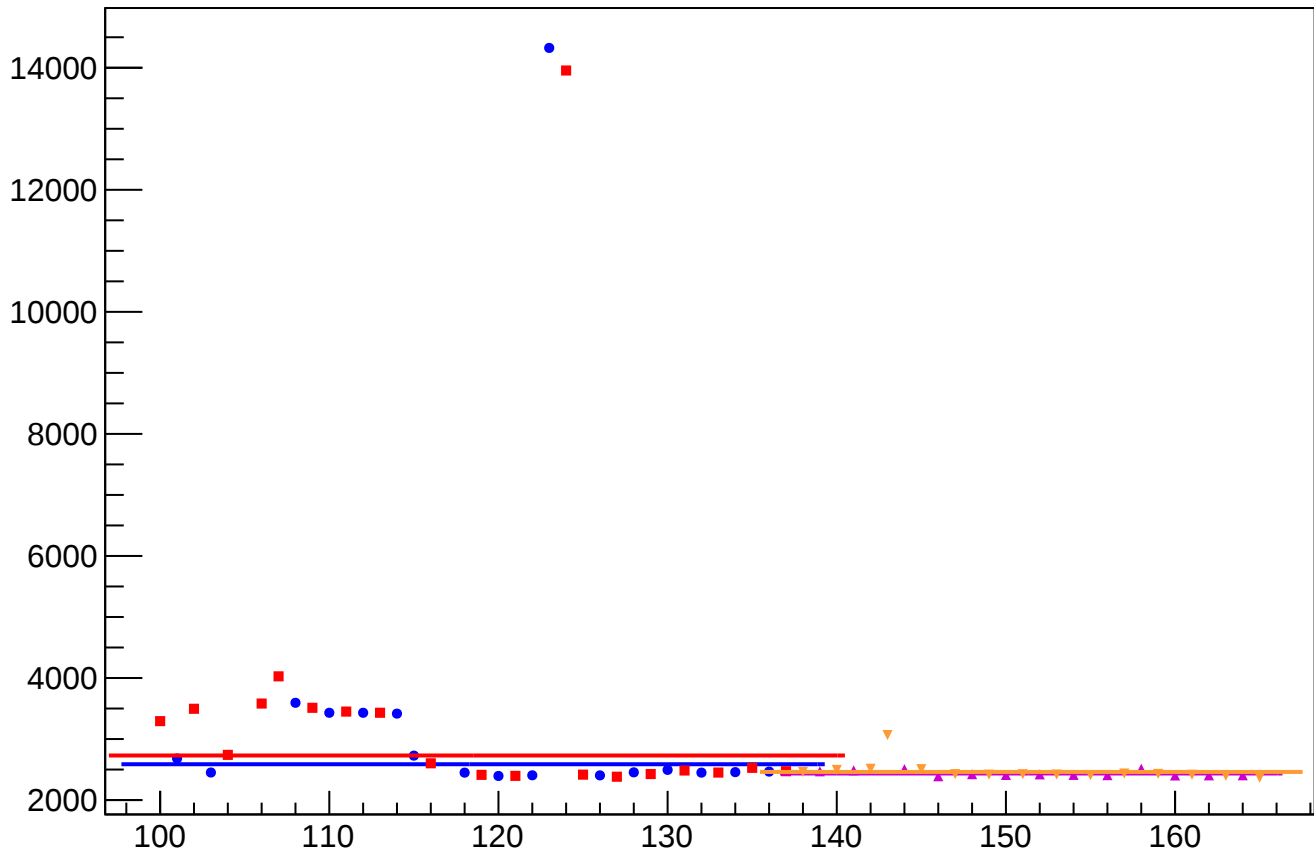
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1746.256 $\pm$ 605.594 χ^2 /NDF:31.5/29

Out: 1922.424 $\pm$ 601.824 χ^2 /NDF:38.2/33

All: 1834.890 $\pm$ 426.881 χ^2 /NDF: 69.7/63

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2460.871 ± 0.520 χ^2/NDF : 66736.4/14

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

Left In: 2435.241 ± 0.535 χ^2/NDF : 5894.2/12

Left: 2448.415 ± 0.373 χ^2/NDF : 73810.2/27

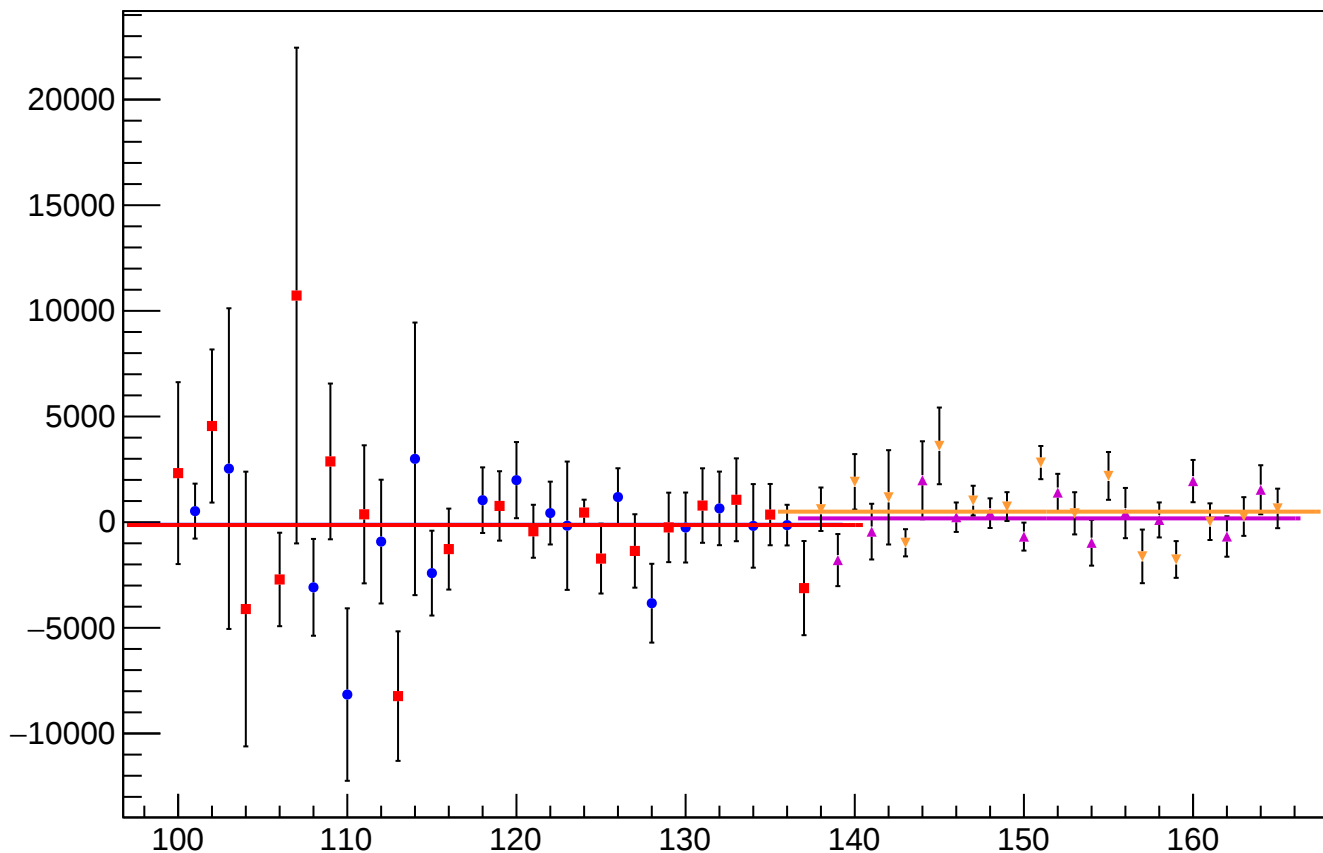
Right: 2656.218 ± 0.514 χ^2/NDF : 858580.5/35

In: 2489.775 ± 0.428 χ^2/NDF : 288914.7/29

Out: 2550.091 ± 0.426 χ^2/NDF : 740602.7/33

All: 2520.121 ± 0.302 χ^2/NDF : 1039499.1/63

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 $\pm$ 430.760 χ^2/NDF : 14.7/16

Left Out: 497.664 $\pm$ 238.162 χ^2/NDF : 31.1/14

Right Out: -135.340 $\pm$ 379.439 χ^2/NDF : 17.9/18

Left In: 178.749 $\pm$ 257.985 χ^2/NDF : 13.9/12

Left: 350.929 $\pm$ 174.995 χ^2/NDF : 45.8/27

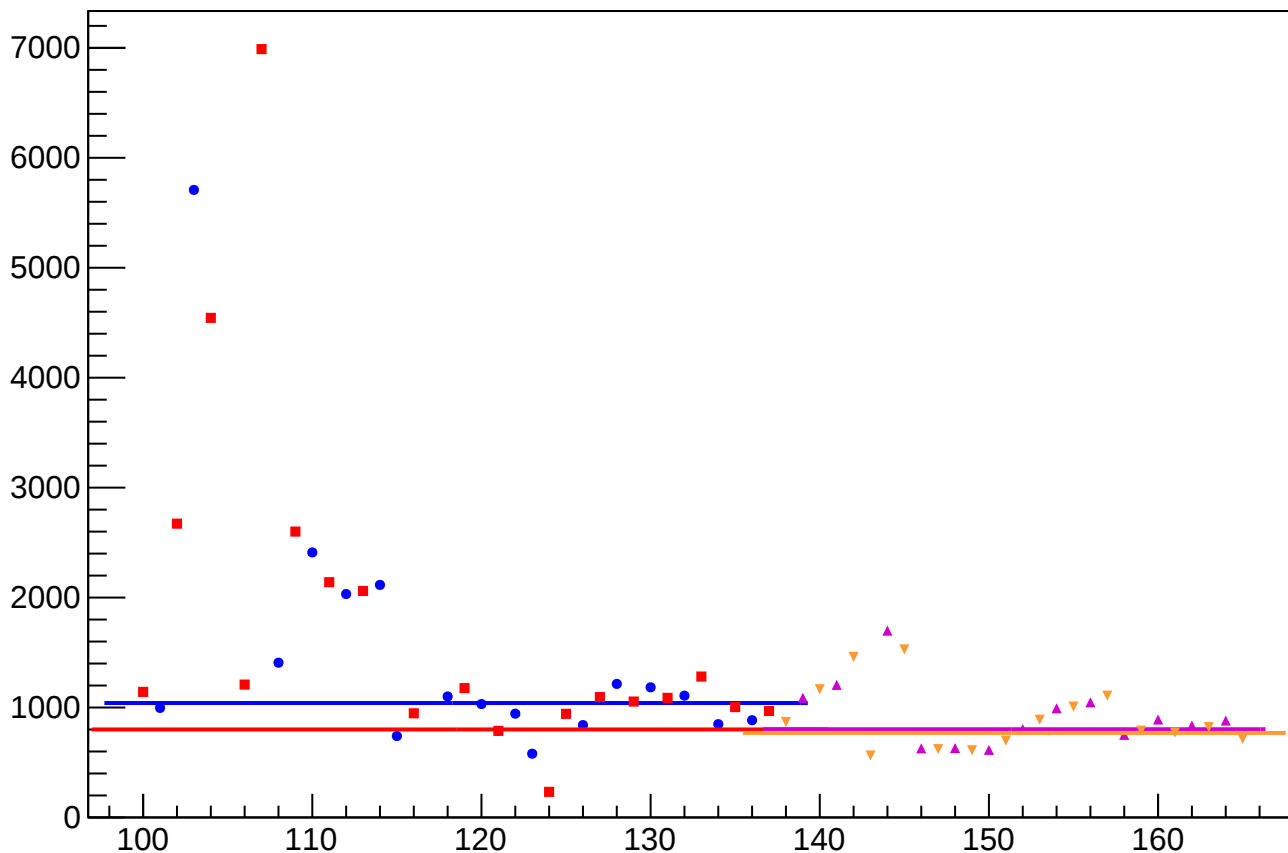
Right: -130.591 $\pm$ 284.729 χ^2/NDF : 32.6/35

In: 98.700 $\pm$ 221.327 χ^2/NDF : 29.0/29

Out: 318.763 $\pm$ 201.718 χ^2/NDF : 50.9/33

All: 218.910 $\pm$ 149.088 χ^2/NDF : 80.5/63

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.789+/-0.168 χ^2/NDF : 1433898.0/14

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 802.411+/-0.182 χ^2/NDF : 1355018.2/12

Left: 784.259+/-0.124 χ^2/NDF : 2807256.5/27

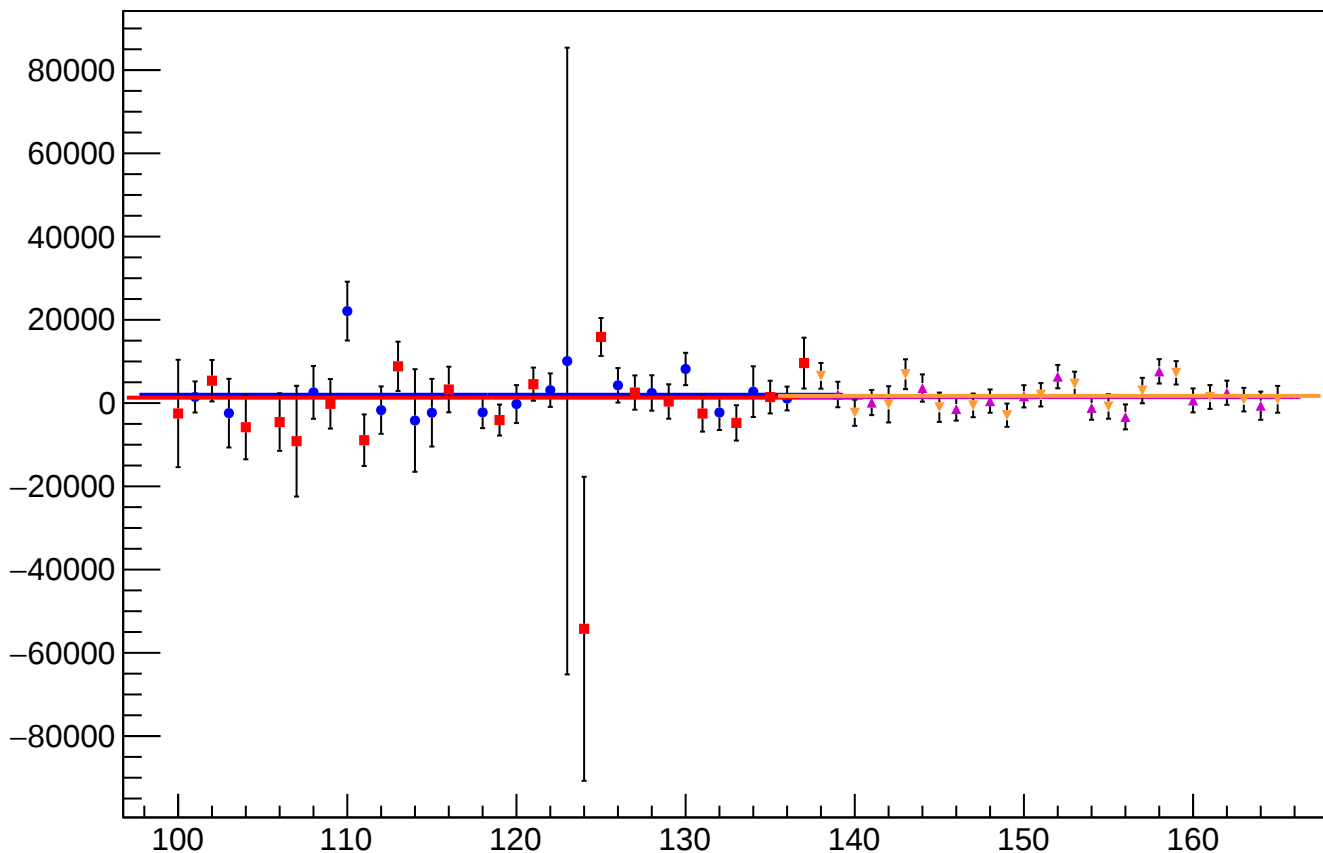
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 865.335+/-0.157 χ^2/NDF : 3378728.7/29

Out: 777.725+/-0.143 χ^2/NDF : 6630887.2/33

All: 817.478+/-0.105 χ^2/NDF : 10180797.7/63

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1723.940+/-788.803 χ^2/NDF :16.4/14

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1438.813+/-813.758 χ^2/NDF :13.3/12

Left: 1585.816+/-566.385 χ^2/NDF : 29.8/27

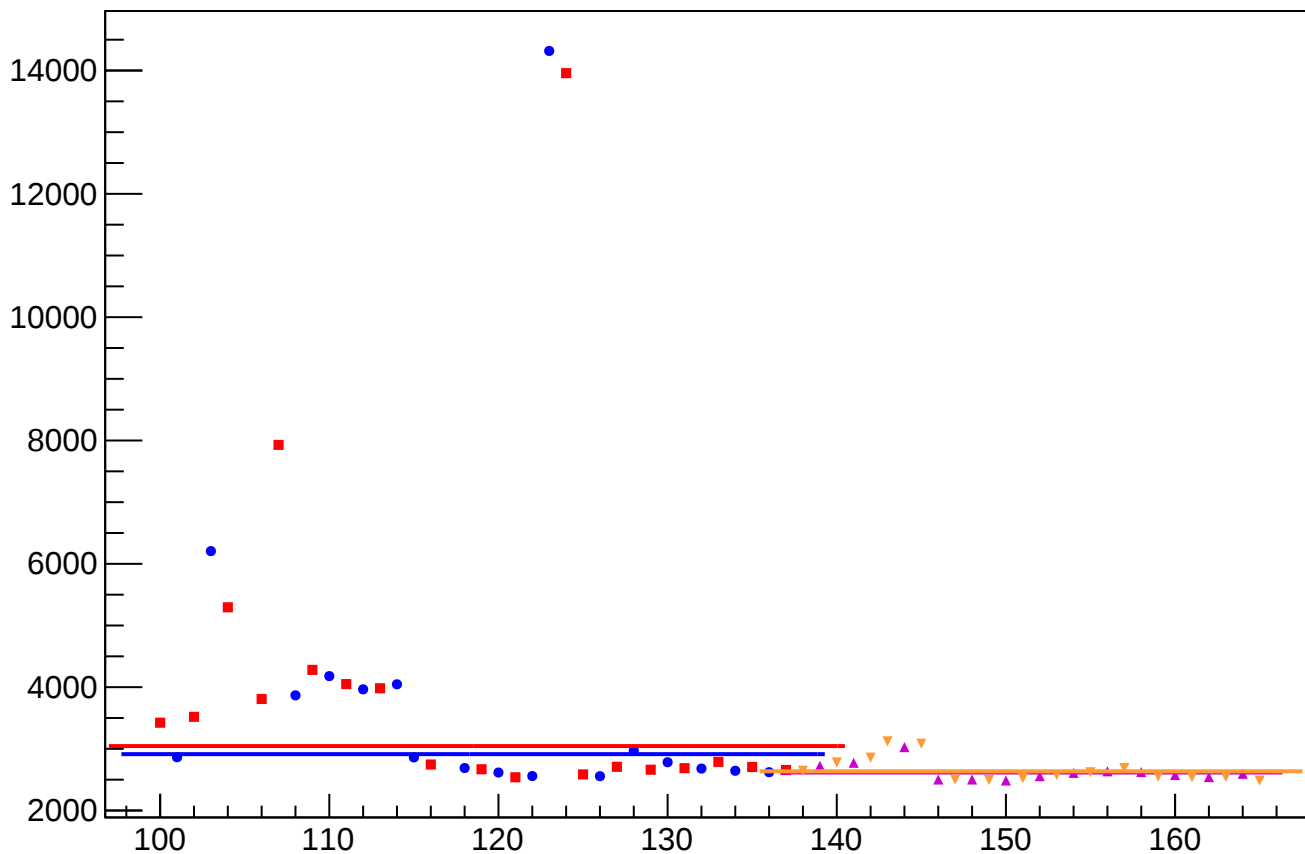
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1623.723+/-665.241 χ^2/NDF :28.4/29

Out: 1595.587+/-657.249 χ^2/NDF :44.1/33

All: 1609.485+/-467.545 χ^2/NDF : 72.5/63

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2635.793+/-0.558 χ^2/NDF : 103150.6/14

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2615.739+/-0.575 χ^2/NDF : 53530.5/12

Left: 2626.078+/-0.400 χ^2/NDF : 157307.3/27

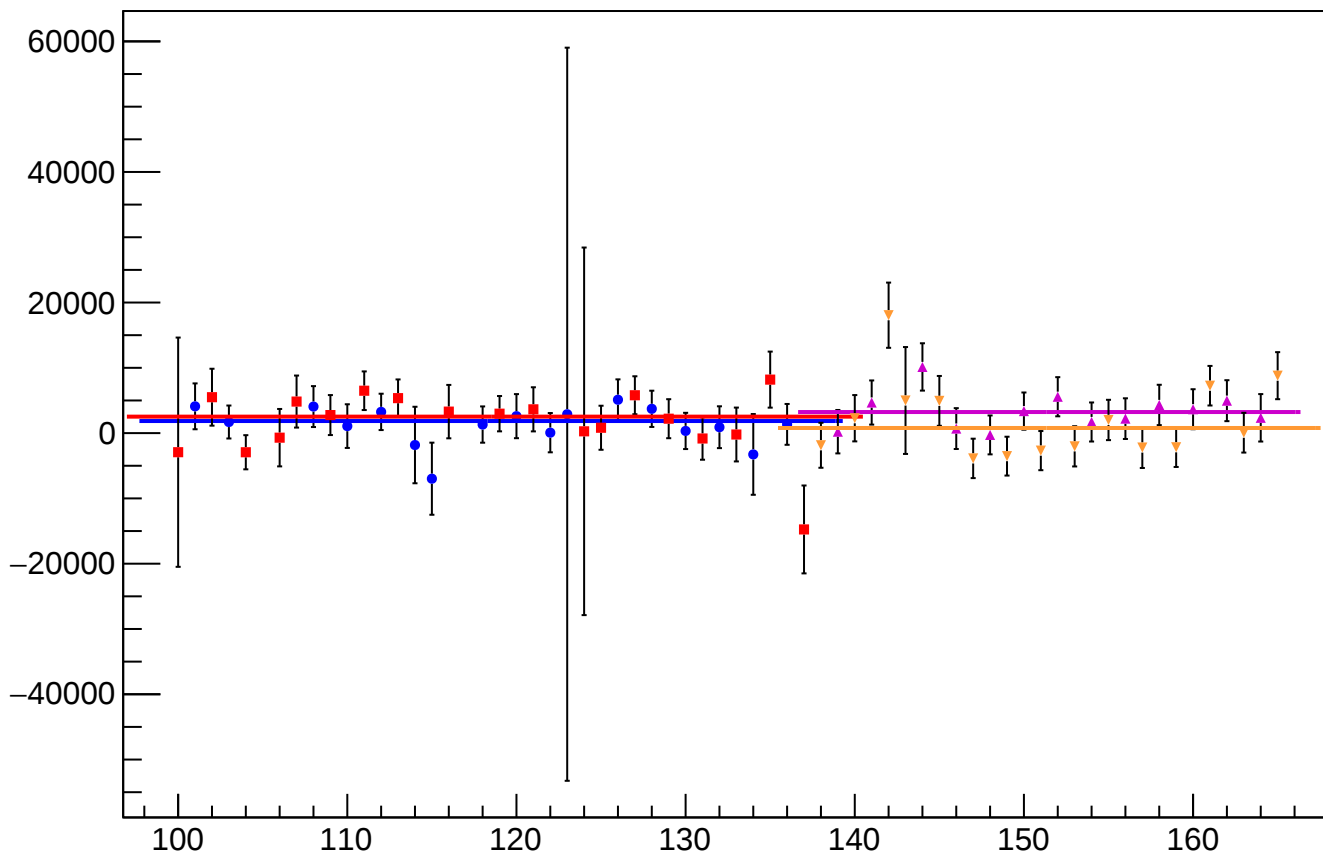
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2714.633+/-0.470 χ^2/NDF : 781562.8/29

Out: 2760.742+/-0.465 χ^2/NDF : 1272615.0/33

All: 2737.966+/-0.331 χ^2/NDF : 2059040.2/63

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 785.828 $\pm$ 864.782 χ^2 /NDF:32.4/14

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 3228.591 $\pm$ 874.705 χ^2 /NDF:8.2/12

Left: 1993.276 $\pm$ 614.972 χ^2 /NDF: 44.5/27

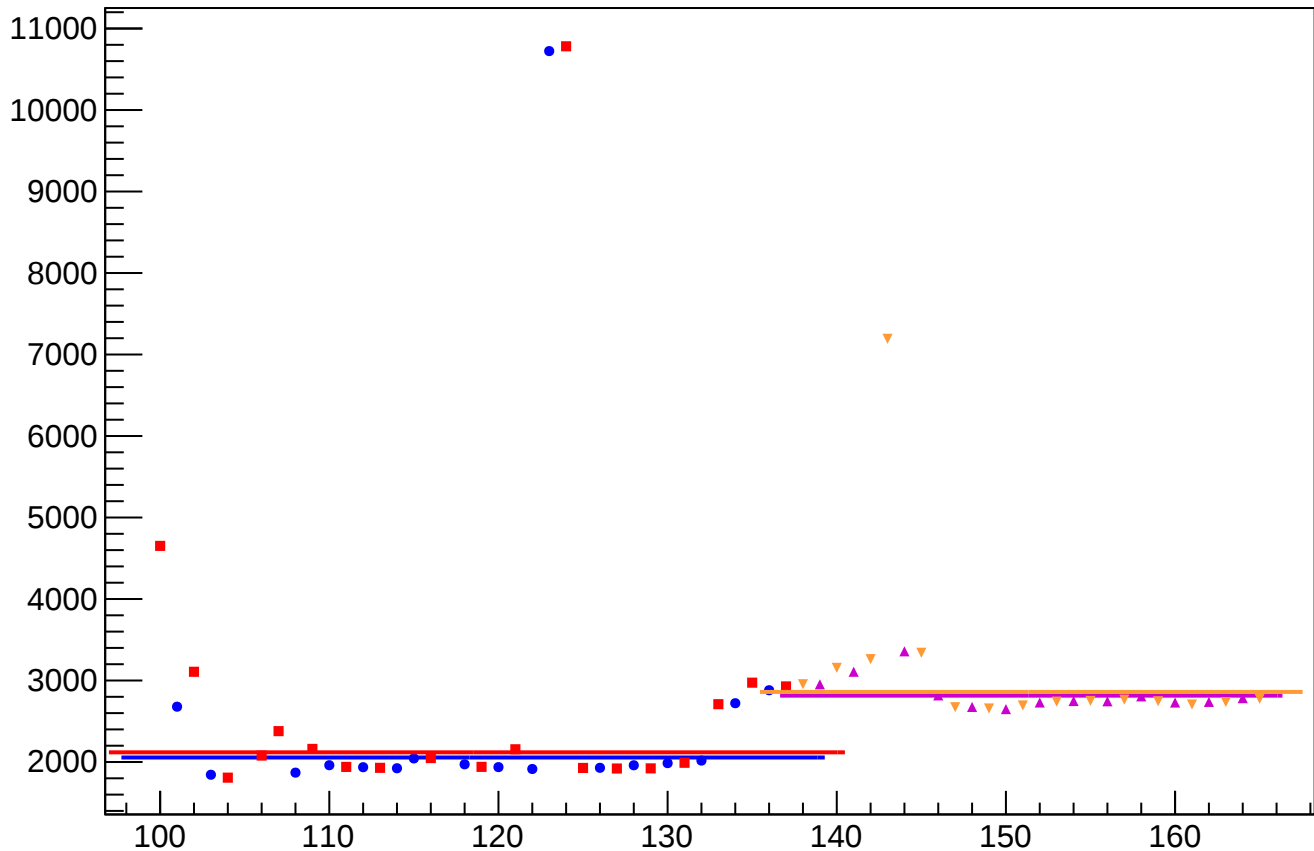
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2483.730 $\pm$ 593.033 χ^2 /NDF:16.8/29

Out: 1702.374 $\pm$ 594.429 χ^2 /NDF:54.7/33

All: 2093.971 $\pm$ 419.830 χ^2 /NDF: 72.3/63

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2860.046+/-0.611 χ^2/NDF : 663267.0/14

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2814.381+/-0.619 χ^2/NDF : 81004.3/12

Left: 2837.474+/-0.435 χ^2/NDF : 747027.8/27

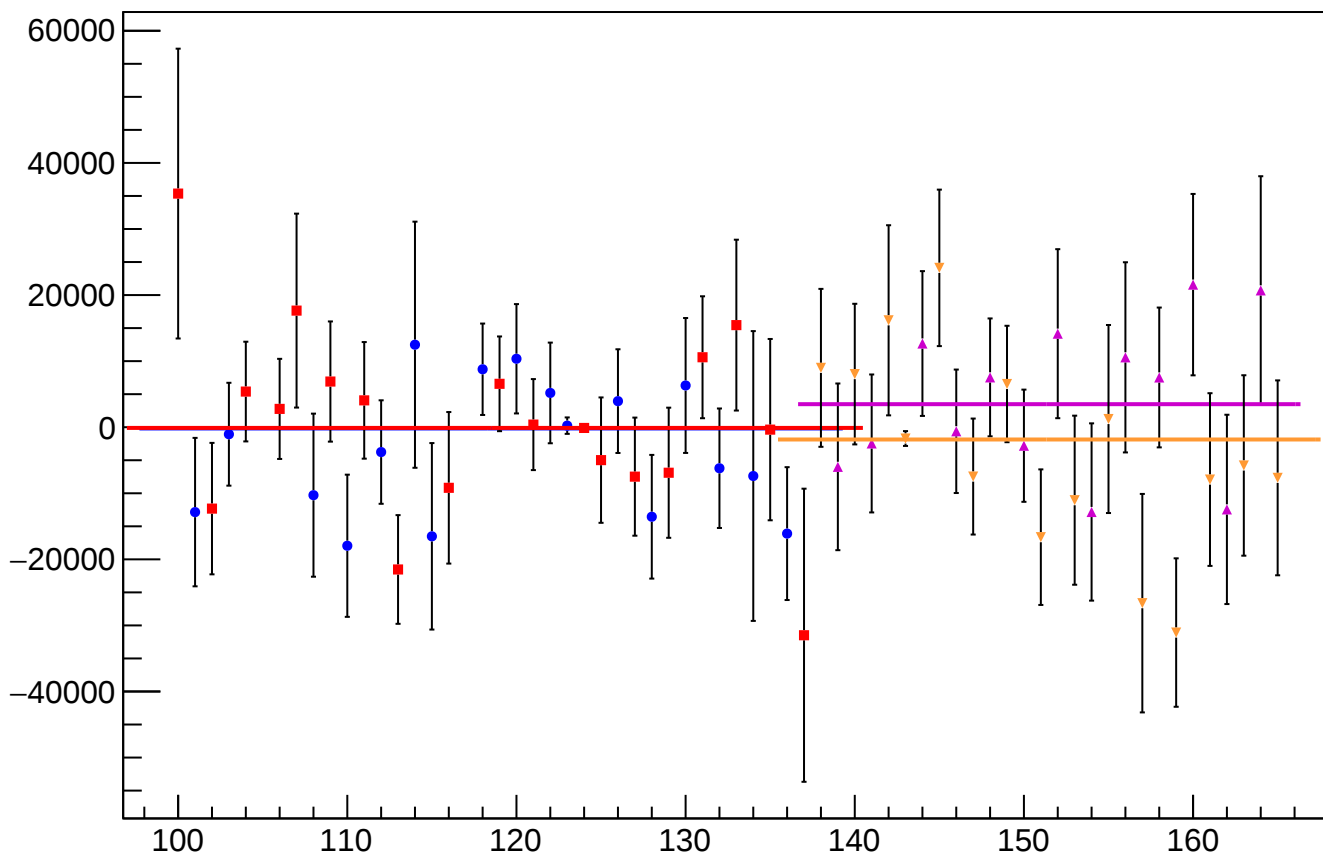
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2404.297+/-0.419 χ^2/NDF : 1210939.2/29

Out: 2468.474+/-0.420 χ^2/NDF : 2013217.5/33

All: 2436.335+/-0.297 χ^2/NDF : 3235849.9/63

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1858.703+/-1056.698 χ^2/NDF : 21.5/14

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 3486.086+/-3152.270 χ^2/NDF : 9.1/12

Left: -1318.775+/-1001.904 χ^2/NDF : 33.2/27

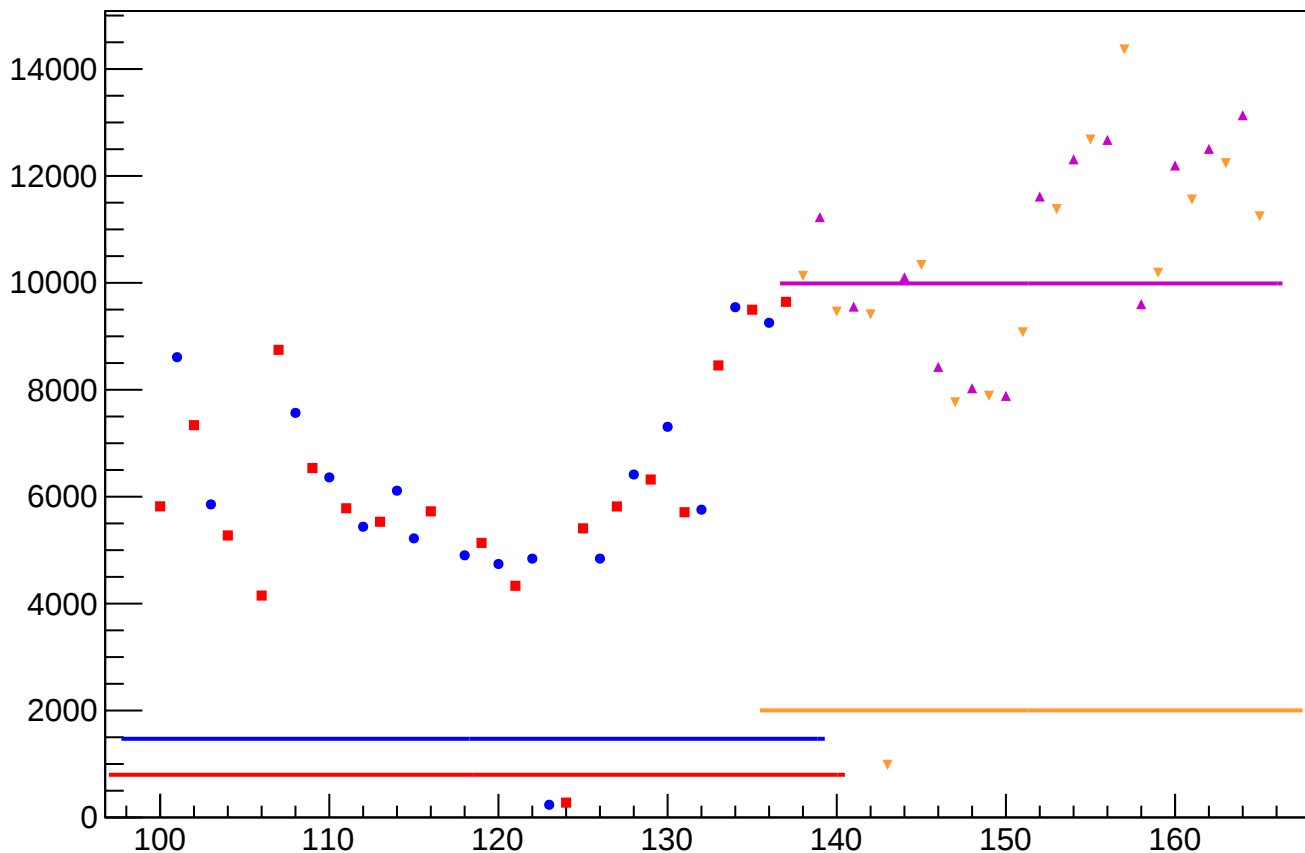
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 213.786+/-1039.238 χ^2/NDF : 26.7/29

Out: -631.117+/-578.112 χ^2/NDF : 45.0/33

All: -431.448+/-505.205 χ^2/NDF : 72.2/63

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778

χ^2 /NDF: 9788255.4/16

Left Out: 2003.103 $\pm$ 0.747

χ^2 /NDF: 15139222.7/14

Right Out: 798.642 $\pm$ 0.488

χ^2 /NDF: 11527481.4/18

Left In: 9988.924 $\pm$ 2.229

χ^2 /NDF: 642410.5/12

Left: 2809.826 $\pm$ 0.708

χ^2 /NDF: 27320748.1/27

Right: 988.724 $\pm$ 0.414

χ^2 /NDF: 21852108.4/35

In: 2397.342 $\pm$ 0.735

χ^2 /NDF: 23444882.8/29

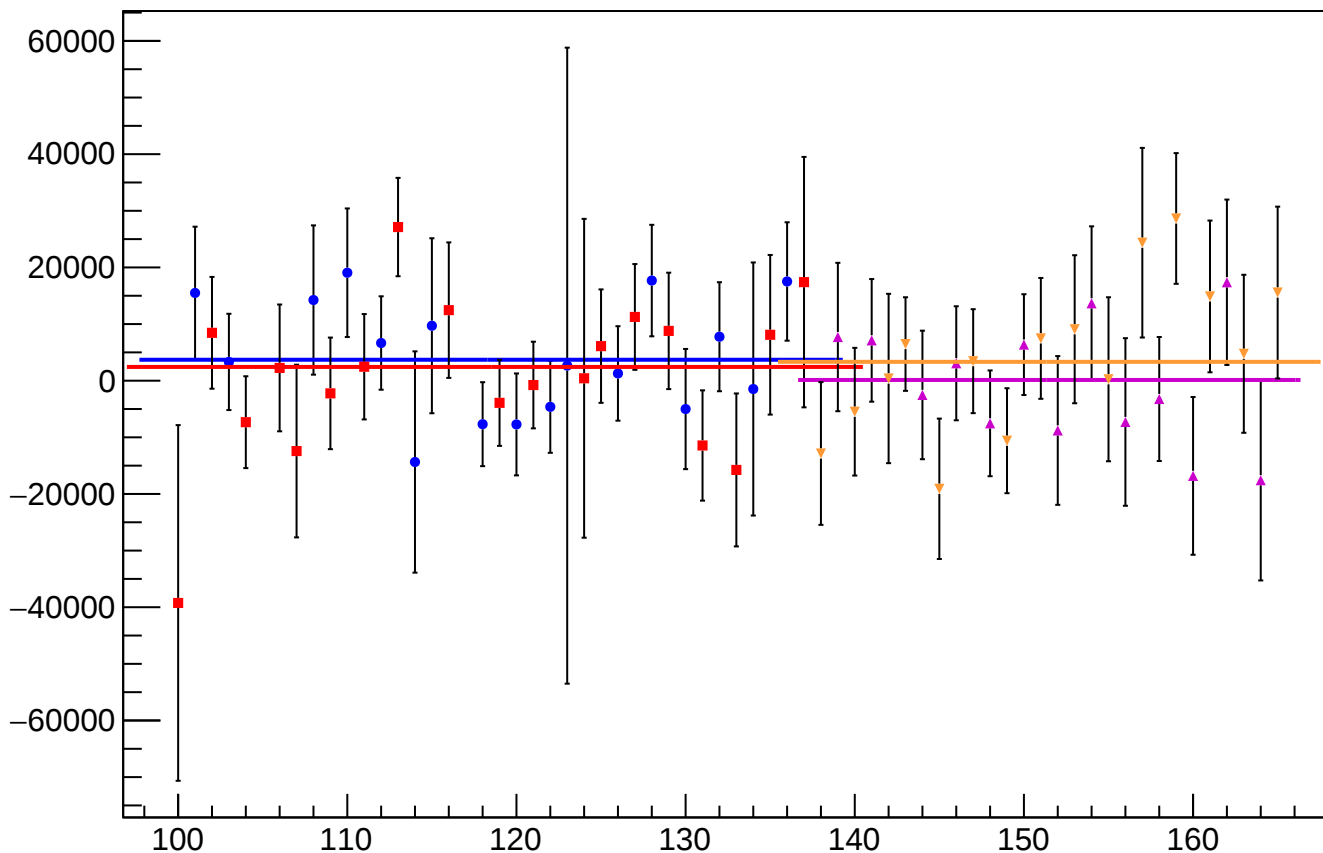
Out: 1159.150 $\pm$ 0.409

χ^2 /NDF: 28487404.6/33

All: 1451.763 $\pm$ 0.357

χ^2 /NDF: 54100420.0/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: 3332.582 $\pm$ 3030.977 χ^2 /NDF:16.2/14

Right Out: 2430.229 $\pm$ 2421.418 χ^2 /NDF: 20.3/18

Left In: 129.574 $\pm$ 3274.978 χ^2 /NDF:7.7/12

Left: 1854.829 $\pm$ 2224.489 χ^2 /NDF: 24.4/27

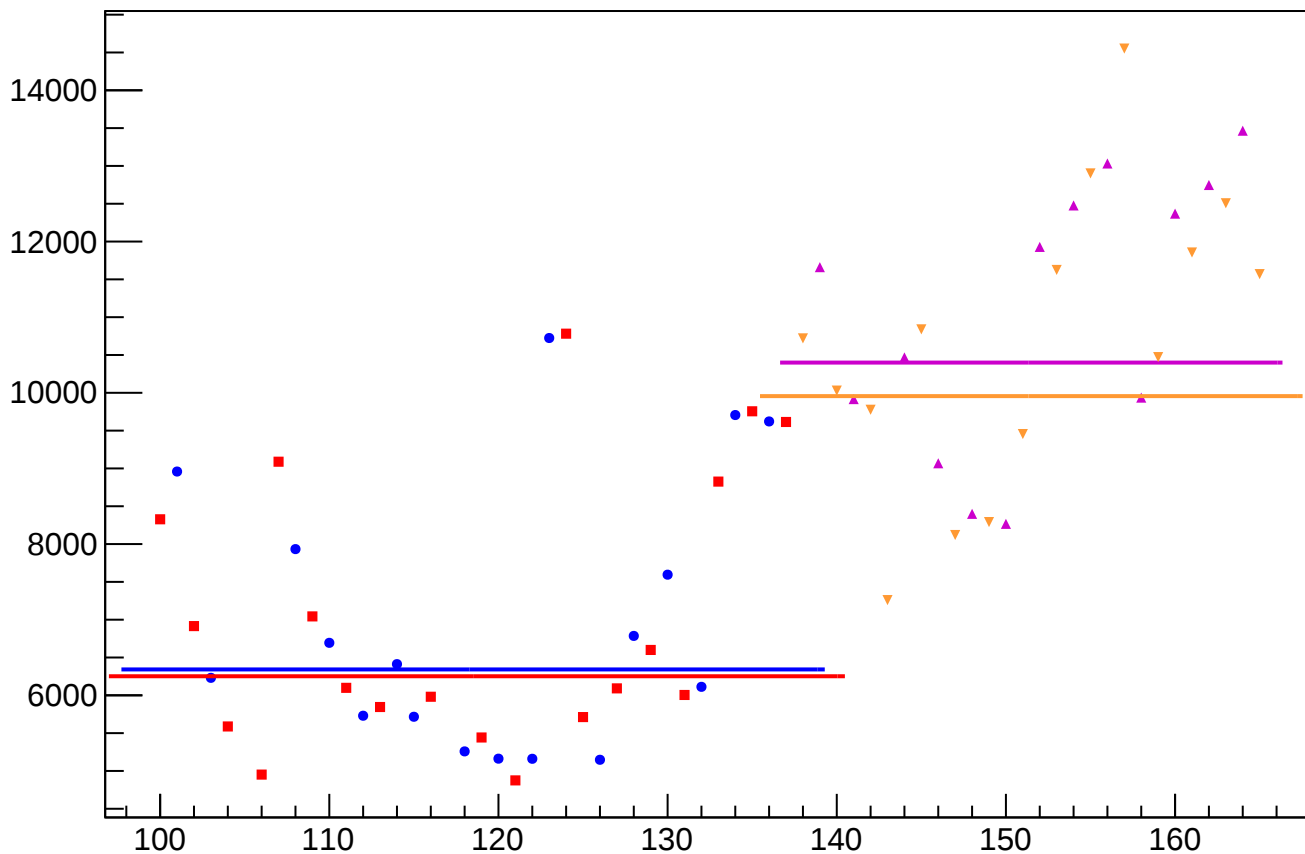
Right: 3039.559 $\pm$ 1745.330 χ^2 /NDF: 34.8/35

In: 2372.561 $\pm$ 1996.159 χ^2 /NDF:22.9/29

Out: 2781.771 $\pm$ 1891.833 χ^2 /NDF:36.5/33

All: 2588.138 $\pm$ 1373.129 χ^2 /NDF: 59.4/63

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9956.165+/-2.143 χ^2/NDF : 779756.3/14

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10399.600+/-2.316 χ^2/NDF : 556528.4/12

Left: 10160.750+/-1.573 χ^2/NDF : 1356034.8/27

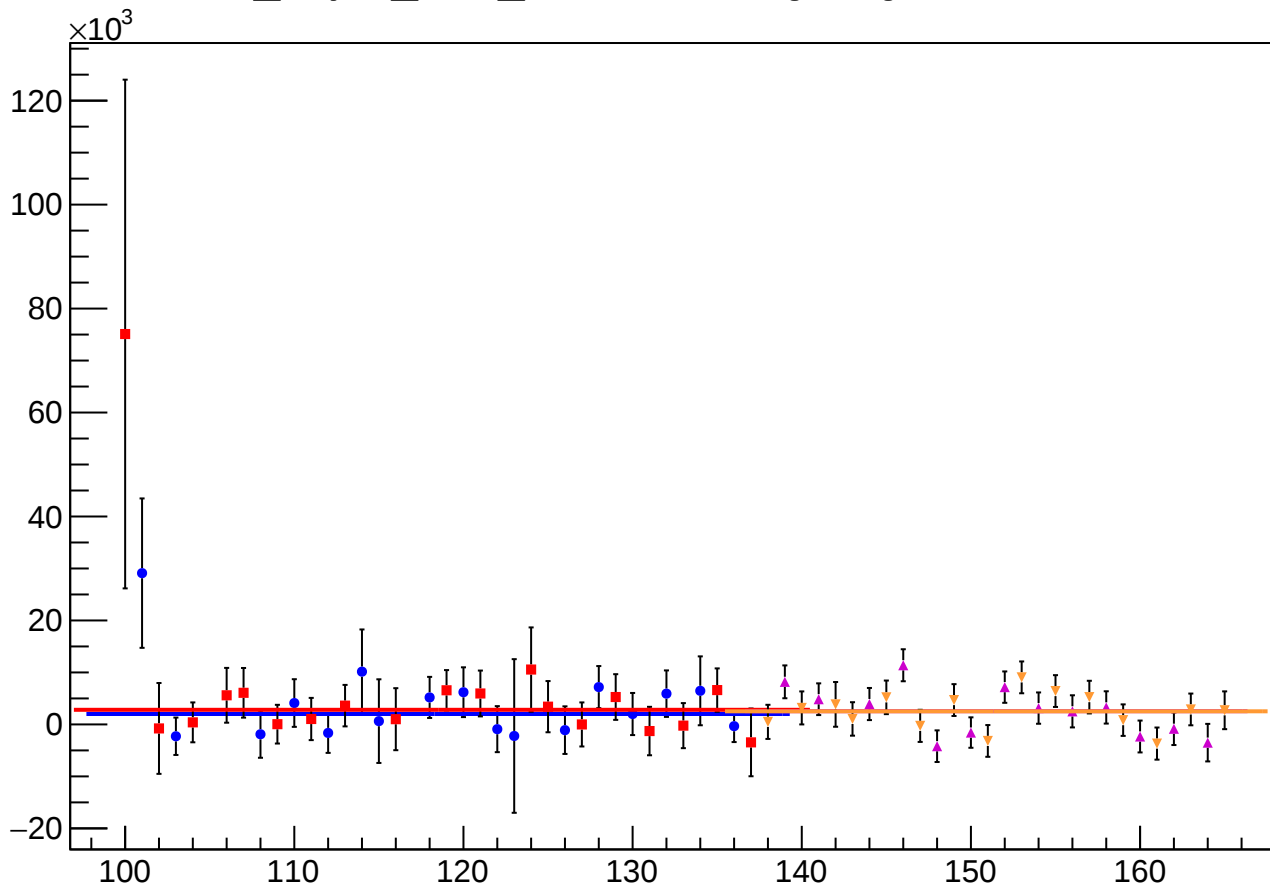
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7849.646+/-1.411 χ^2/NDF : 3079408.1/29

Out: 7695.084+/-1.338 χ^2/NDF : 3141074.5/33

All: 7768.219+/-0.971 χ^2/NDF : 6226799.7/63

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2521.809 $\pm$ 825.265 χ^2 /NDF: 17.5/14

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 2545.415 $\pm$ 858.709 χ^2 /NDF: 28.0/12

Left: 2533.143 $\pm$ 595.023 χ^2 /NDF: 45.5/27

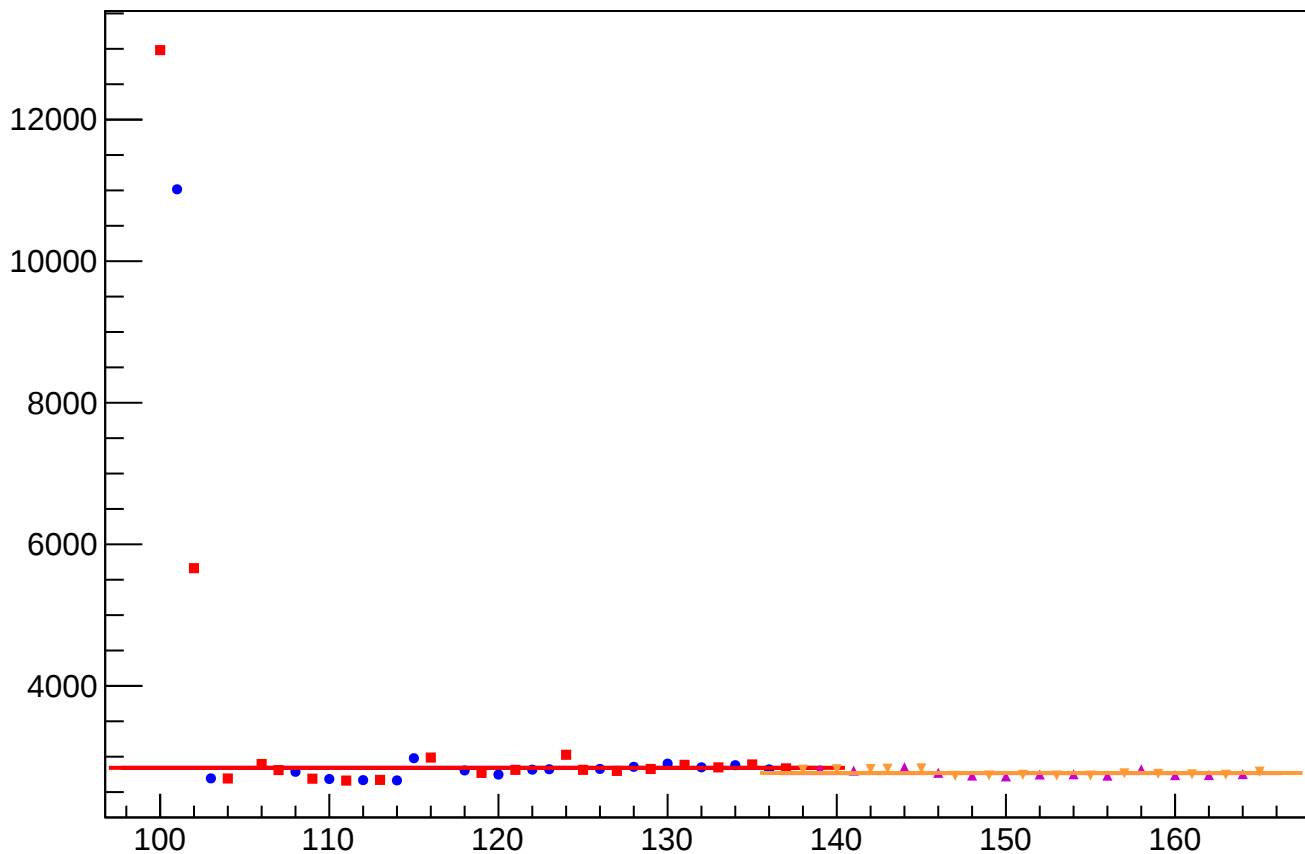
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2346.413 $\pm$ 682.683 χ^2 /NDF: 41.9/29

Out: 2627.864 $\pm$ 657.193 χ^2 /NDF: 28.1/33

All: 2492.491 $\pm$ 473.460 χ^2 /NDF: 70.0/63

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2770.033+/-0.584 χ^2/NDF : 4407.8/14

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2768.182+/-0.607 χ^2/NDF : 4376.4/12

Left: 2769.144+/-0.421 χ^2/NDF : 8789.0/27

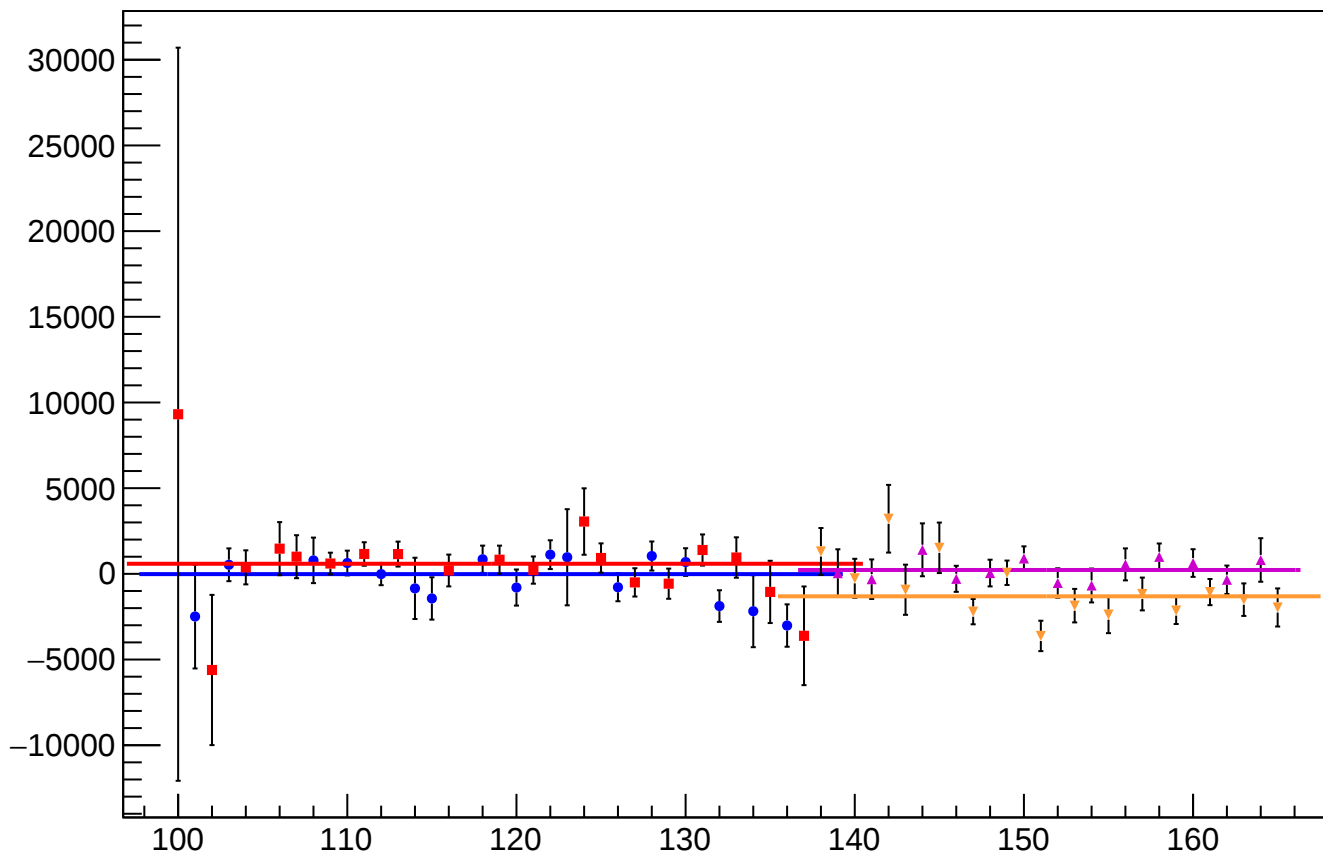
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2795.575+/-0.483 χ^2/NDF : 670212.7/29

Out: 2796.522+/-0.465 χ^2/NDF : 322375.9/33

All: 2796.067+/-0.335 χ^2/NDF : 992590.6/63

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1310.694 ± 251.448 χ^2/NDF : 28.4/14

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 225.800 ± 251.014 χ^2/NDF : 5.9/12

Left: -541.120 ± 177.647 χ^2/NDF : 53.0/27

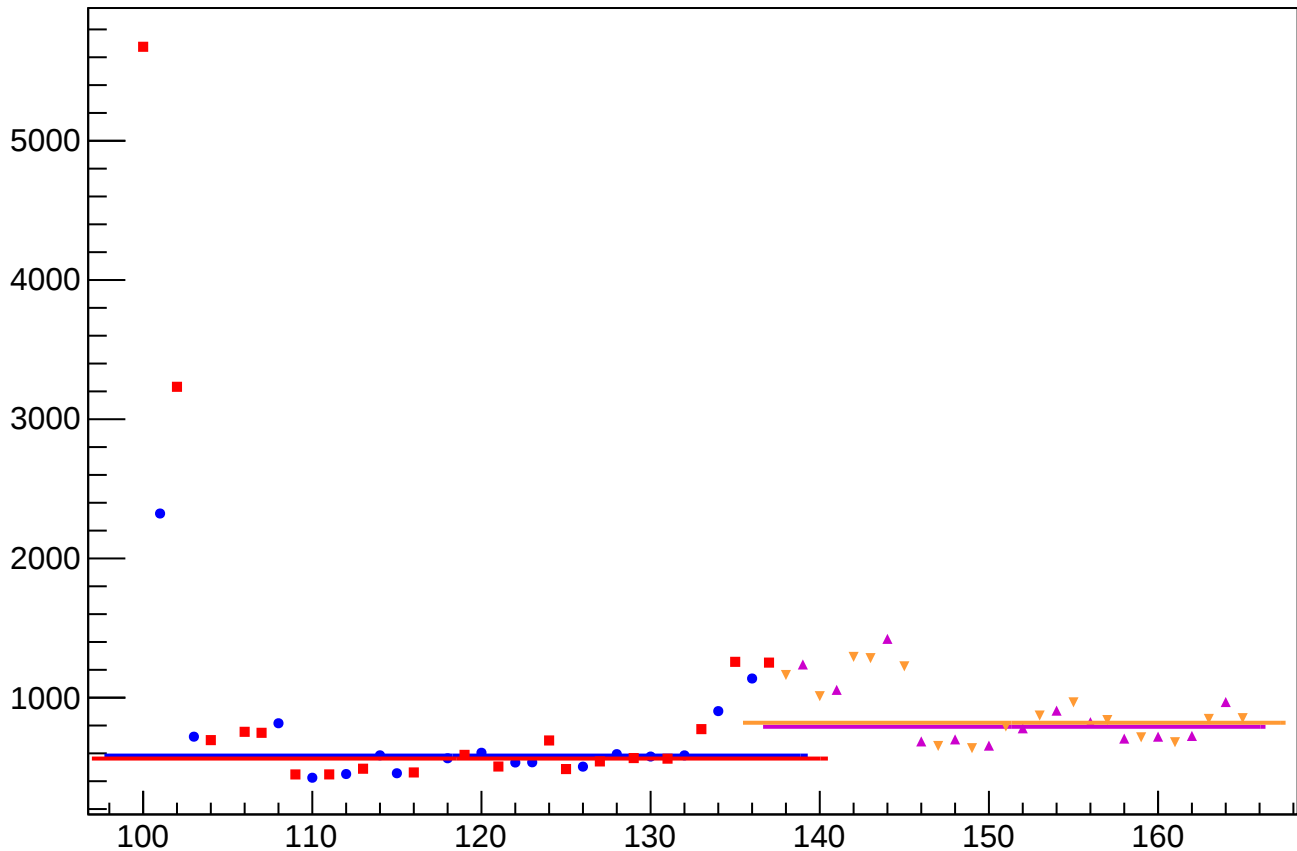
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 99.100 ± 173.038 χ^2/NDF : 28.0/29

Out: -259.274 ± 168.002 χ^2/NDF : 73.5/33

All: -85.378 ± 120.536 χ^2/NDF : 103.7/63

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 819.916+/-0.178 χ^2/NDF : 1033941.7/14

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 790.932+/-0.177 χ^2/NDF : 907704.5/12

Left: 805.399+/-0.126 χ^2/NDF : 1954955.2/27

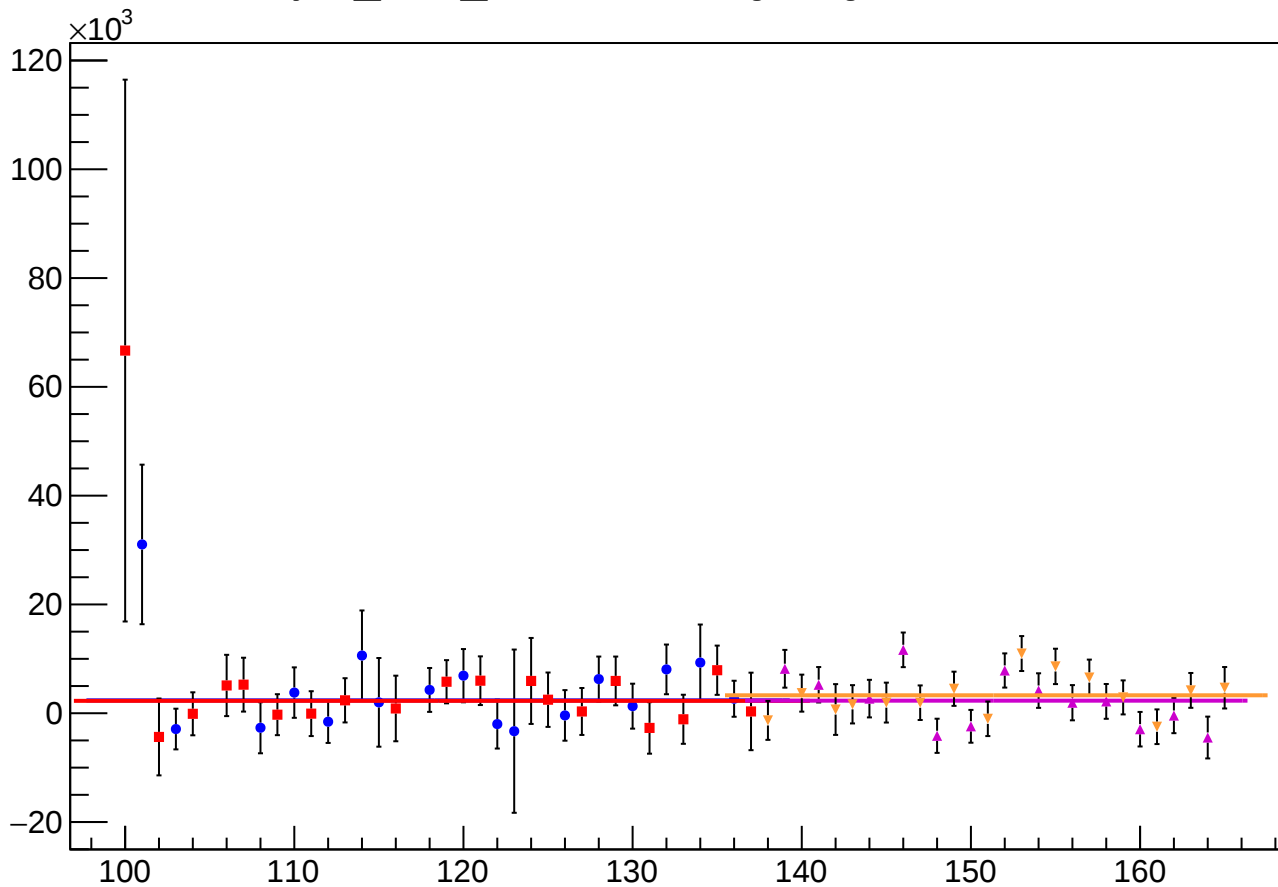
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 682.365+/-0.122 χ^2/NDF : 3057245.8/29

Out: 677.519+/-0.119 χ^2/NDF : 3832134.5/33

All: 679.871+/-0.085 χ^2/NDF : 6890187.8/63

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3297.638 $\pm$ 871.895 χ^2 /NDF:17.4/14

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2309.532 $\pm$ 902.837 χ^2 /NDF:29.0/12

Left: 2820.807 $\pm$ 627.176 χ^2 /NDF: 47.0/27

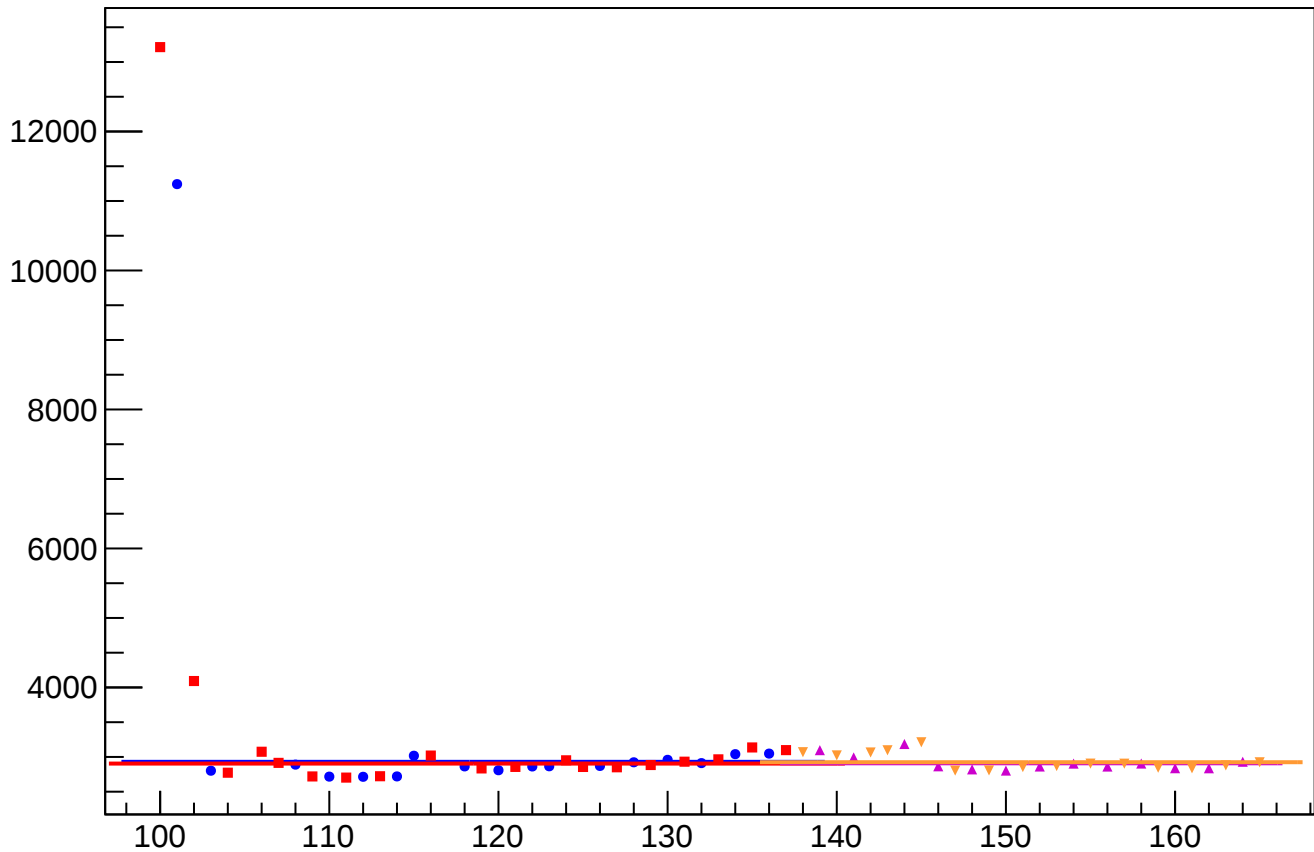
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2329.628 $\pm$ 712.460 χ^2 /NDF:44.1/29

Out: 2909.106 $\pm$ 686.052 χ^2 /NDF:28.1/33

All: 2630.305 $\pm$ 494.184 χ^2 /NDF: 72.5/63

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2924.180+/-0.617 χ^2/NDF : 34368.2/14

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2908.756+/-0.638 χ^2/NDF : 27409.2/12

Left: 2916.737+/-0.443 χ^2/NDF : 62079.5/27

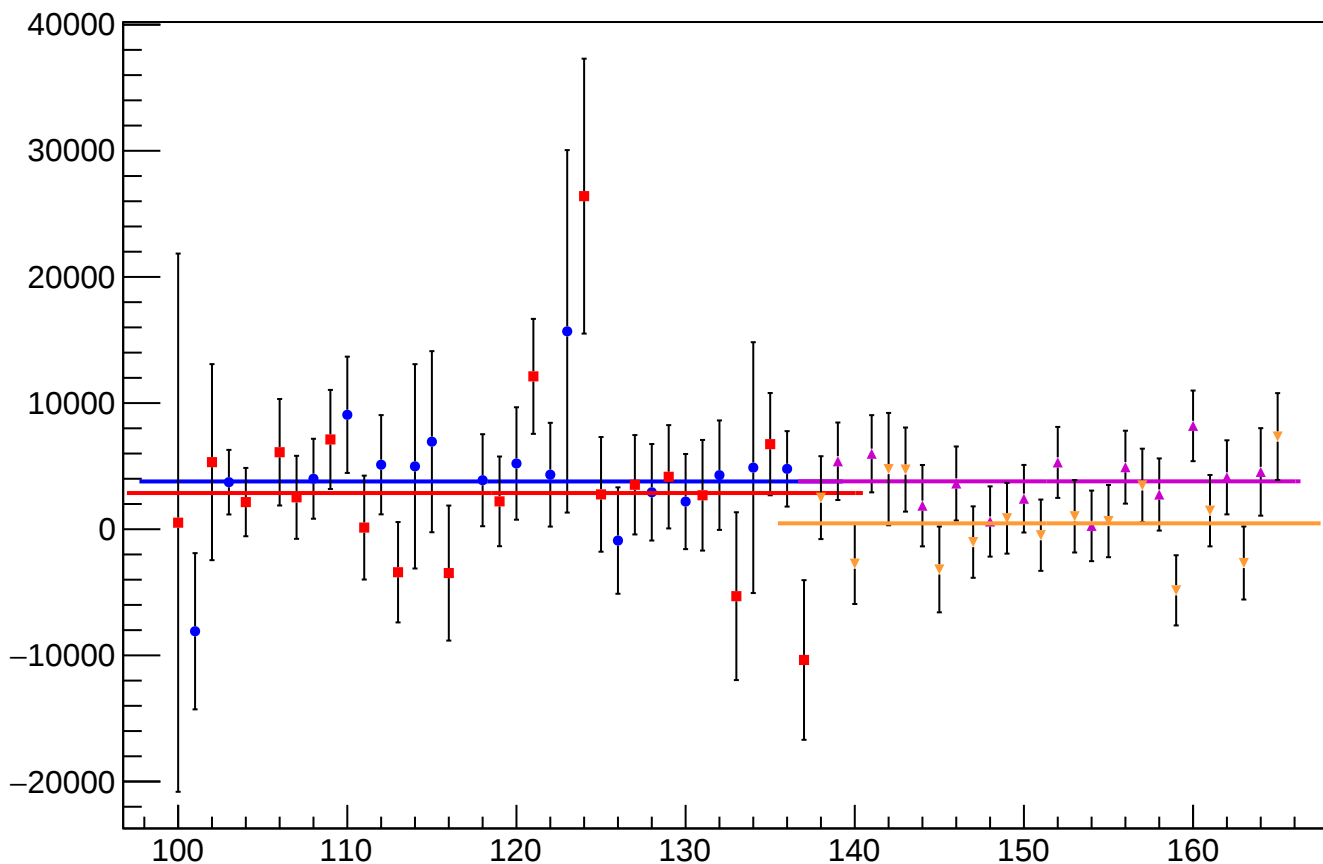
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2916.640+/-0.504 χ^2/NDF : 690442.5/29

Out: 2916.711+/-0.485 χ^2/NDF : 204042.2/33

All: 2916.677+/-0.349 χ^2/NDF : 894484.8/63

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2 /NDF: 7.7/16

Left Out: 466.785 $\pm$ 787.262 χ^2 /NDF:15.6/14

Right Out: 2869.484 $\pm$ 1002.967 χ^2 /NDF: 22.0/18

Left In: 3796.034 $\pm$ 812.146 χ^2 /NDF:7.4/12

Left: 2079.625 $\pm$ 565.271 χ^2 /NDF: 31.6/27

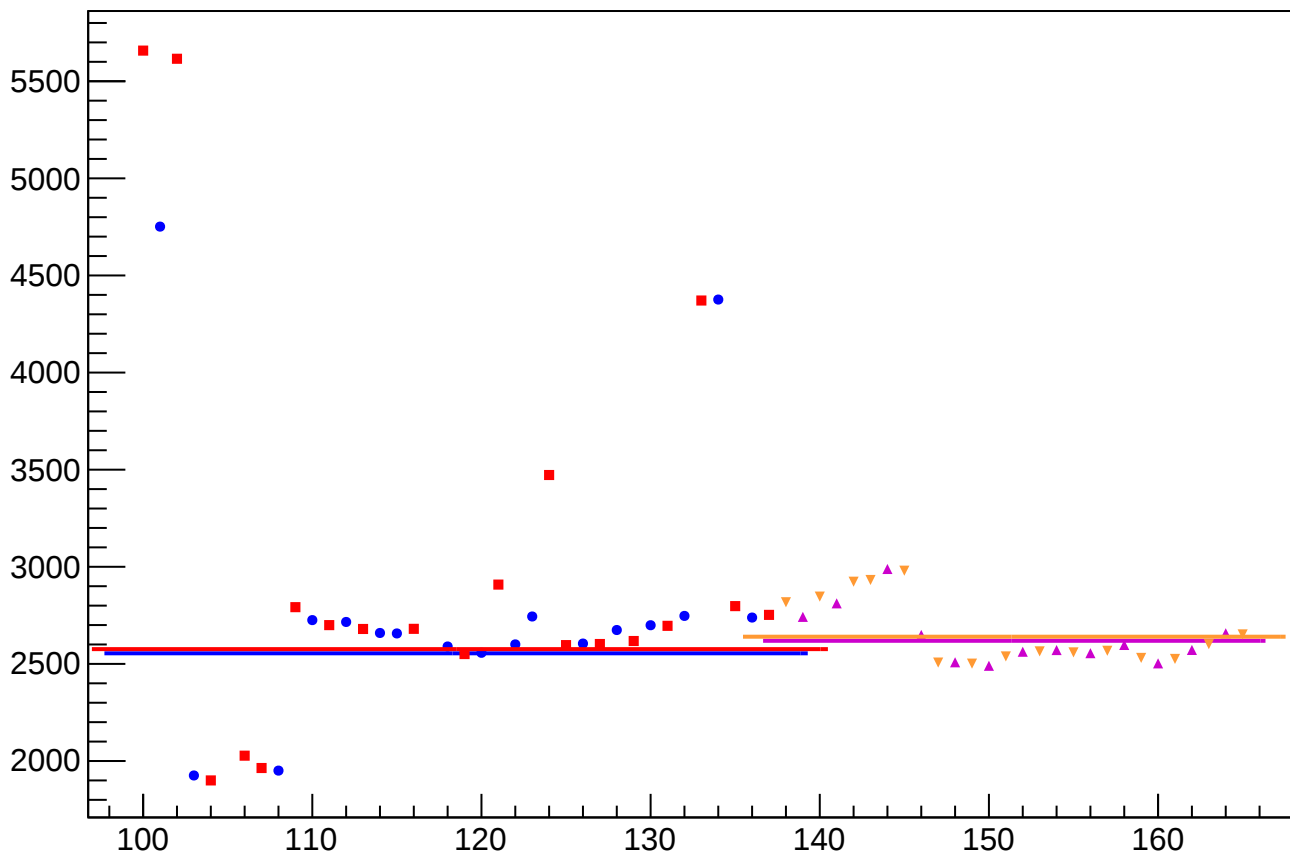
Right: 3326.309 $\pm$ 711.019 χ^2 /NDF: 30.2/35

In: 3792.809 $\pm$ 632.447 χ^2 /NDF:15.1/29

Out: 1382.776 $\pm$ 619.273 χ^2 /NDF:41.2/33

All: 2562.432 $\pm$ 442.476 χ^2 /NDF: 63.7/63

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2640.043 $\pm$ 0.557 χ^2 /NDF: 80405.0/14

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2618.960 $\pm$ 0.574 χ^2 /NDF: 52102.7/12

Left: 2629.829 $\pm$ 0.400 χ^2 /NDF: 133202.5/27

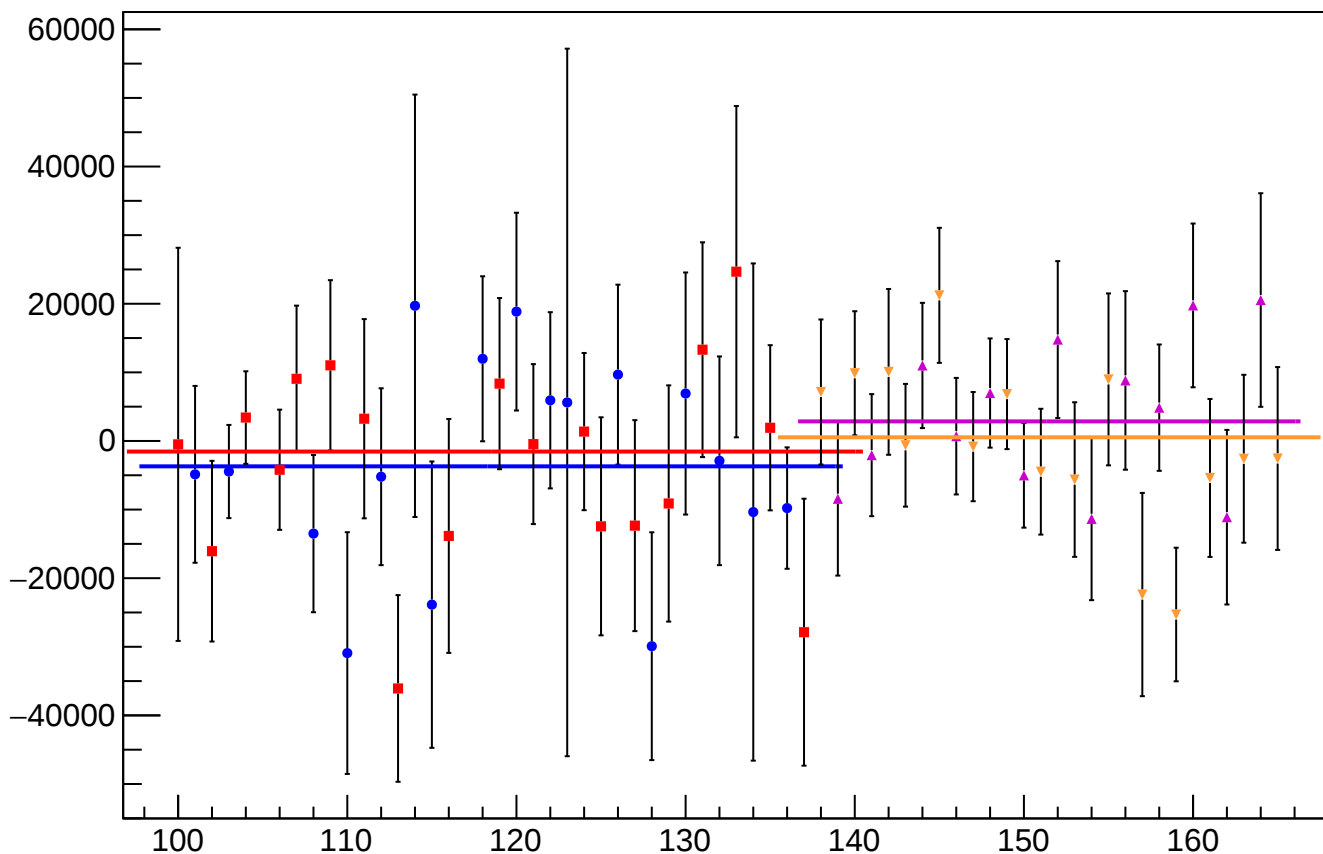
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2593.605 $\pm$ 0.447 χ^2 /NDF: 593681.7/29

Out: 2615.645 $\pm$ 0.438 χ^2 /NDF: 850597.7/33

All: 2604.858 $\pm$ 0.313 χ^2 /NDF: 1445519.6/63

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 533.720 $\pm$ 2641.753 χ^2/NDF : 18.0/14

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 2853.824 $\pm$ 2781.498 χ^2/NDF : 10.8/12

Left: 1634.028 $\pm$ 1915.500 χ^2/NDF : 29.2/27

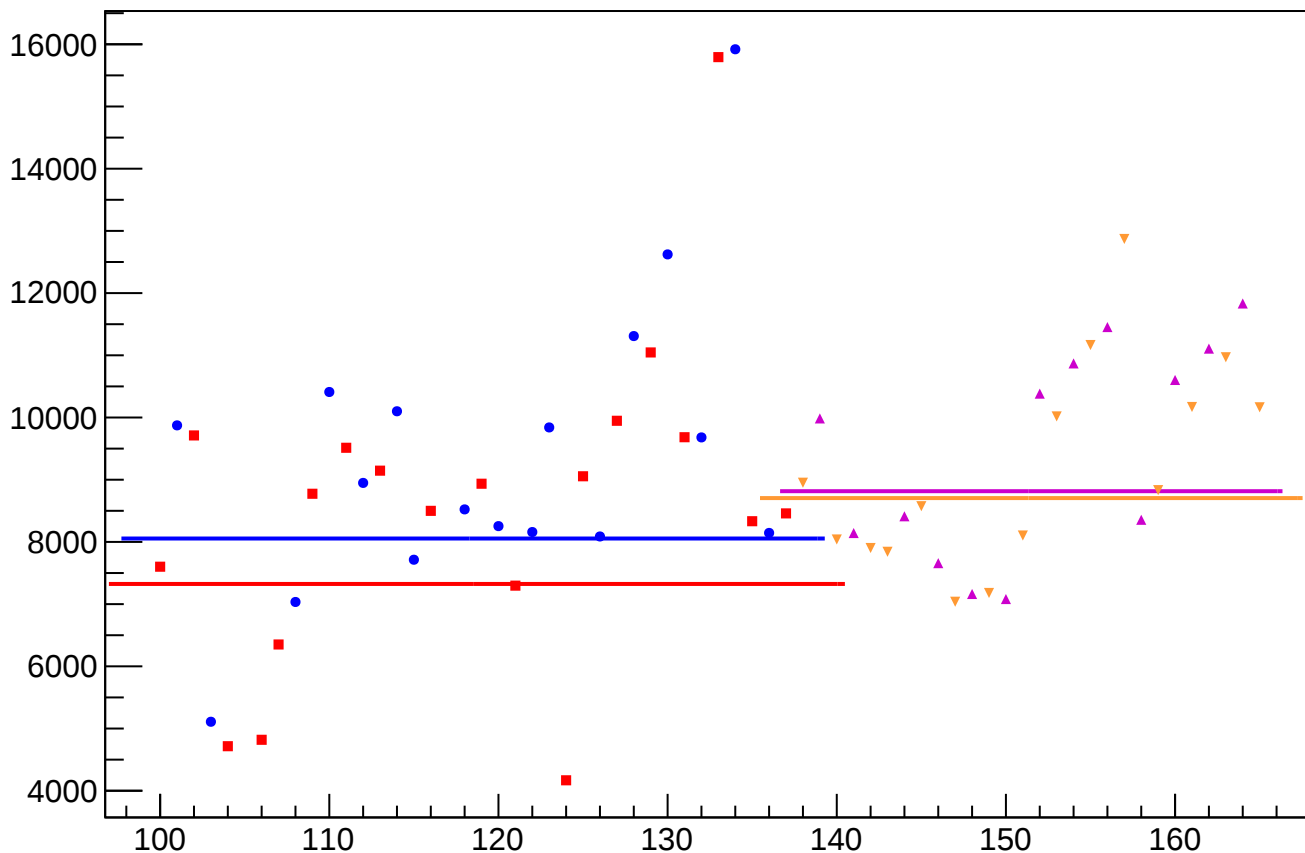
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: 51.282 $\pm$ 2104.308 χ^2/NDF : 27.0/29

Out: -410.038 $\pm$ 1951.968 χ^2/NDF : 35.1/33

All: -196.679 $\pm$ 1431.078 χ^2/NDF : 62.1/63

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8704.699 $\pm$ 1.868 χ^2 /NDF: 595897.5/14

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8815.614 $\pm$ 1.967 χ^2 /NDF: 633811.7/12

Left: 8757.300 $\pm$ 1.354 χ^2 /NDF: 1231381.2/27

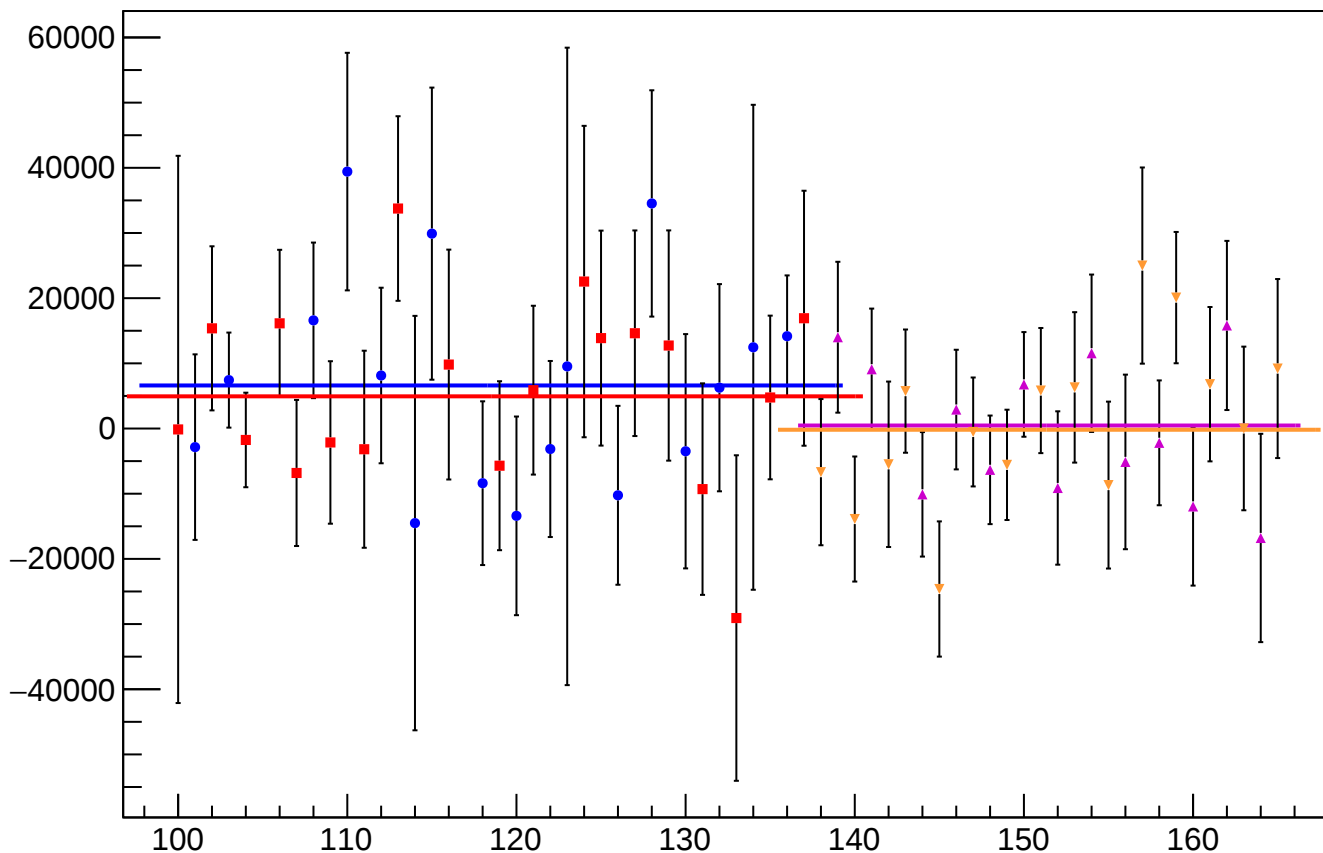
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8490.240 $\pm$ 1.488 χ^2 /NDF: 1518570.7/29

Out: 8077.939 $\pm$ 1.380 χ^2 /NDF: 2179987.6/33

All: 8268.626 $\pm$ 1.012 χ^2 /NDF: 3739827.0/63

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -188.486 $\pm$ 2759.729 χ^2/NDF : 17.7/14

Right Out: 4938.727 $\pm$ 3167.808 χ^2/NDF : 13.6/18

Left In: 461.928 $\pm$ 2899.174 χ^2/NDF : 10.2/12

Left: 120.703 $\pm$ 1998.903 χ^2/NDF : 27.9/27

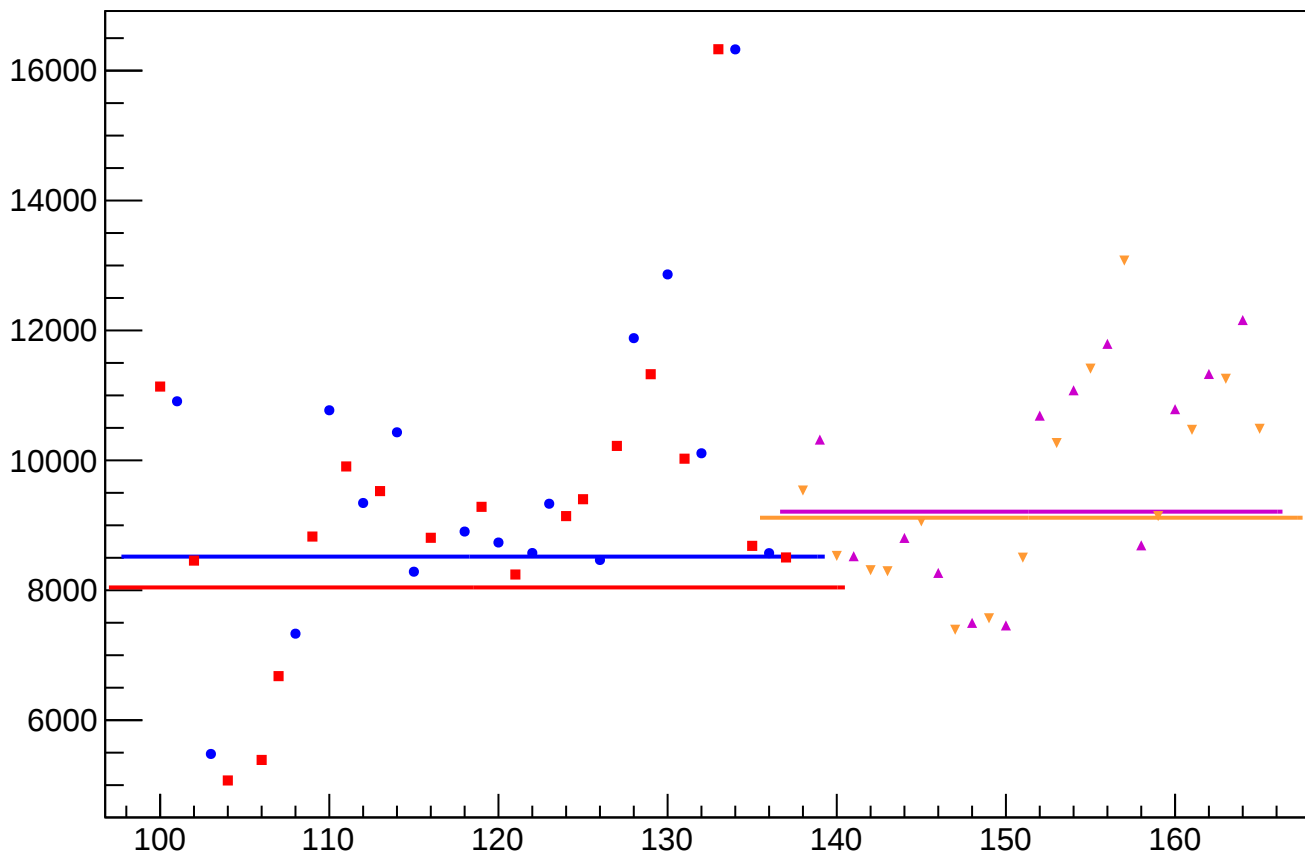
Right: 5715.122 $\pm$ 2316.410 χ^2/NDF : 28.4/35

In: 3052.744 $\pm$ 2204.925 χ^2/NDF : 26.8/29

Out: 2023.805 $\pm$ 2080.843 χ^2/NDF : 32.8/33

All: 2508.509 $\pm$ 1513.343 χ^2/NDF : 59.6/63

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9116.960+/-1.951 χ^2/NDF : 520637.2/14

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9210.210+/-2.050 χ^2/NDF : 548690.0/12

Left: 9161.288+/-1.413 χ^2/NDF : 1070412.7/27

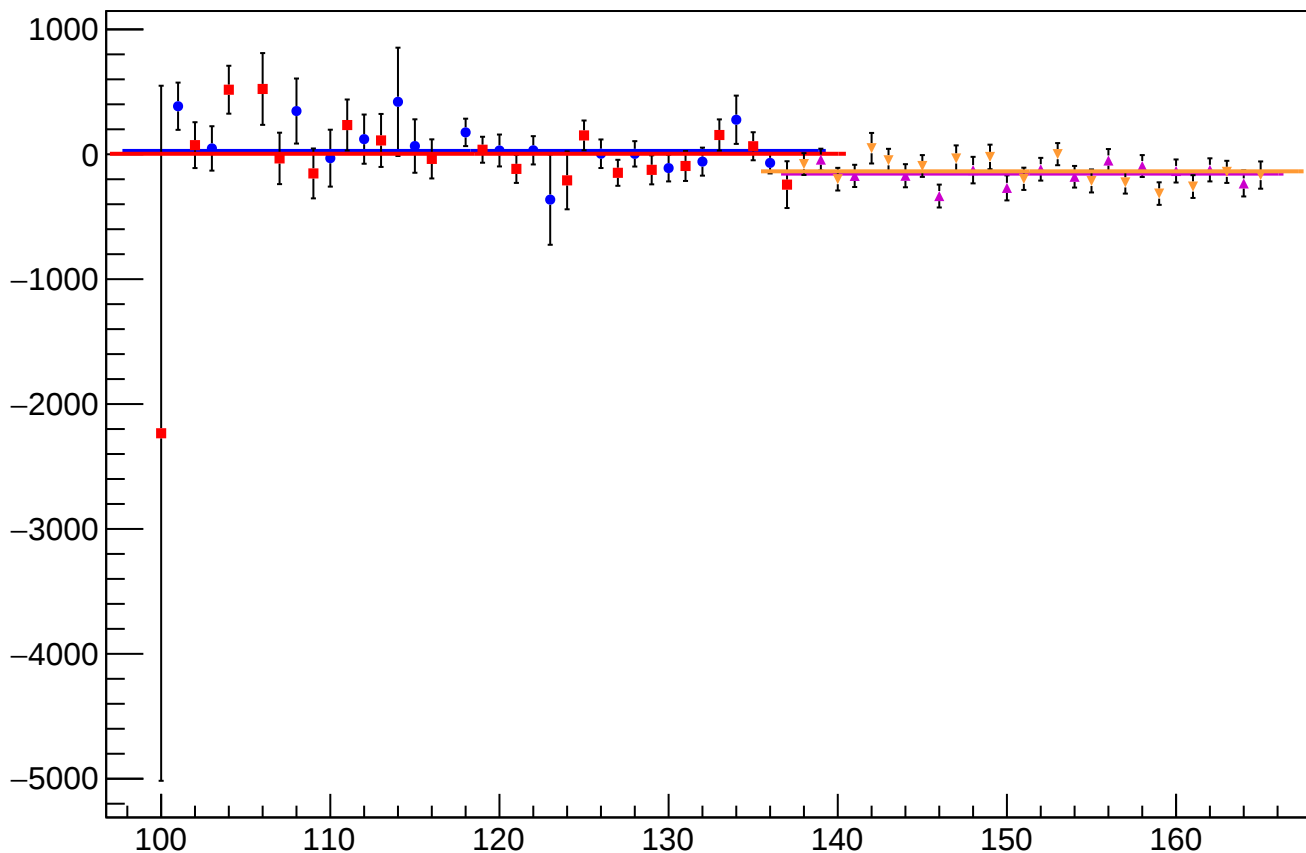
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8918.499+/-1.559 χ^2/NDF : 1368713.7/29

Out: 8653.874+/-1.471 χ^2/NDF : 1604719.5/33

All: 8778.529+/-1.070 χ^2/NDF : 2988670.5/63

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -136.513 ± 24.159 $\chi^2/\text{NDF}: 17.0/14$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -154.828 ± 25.735 $\chi^2/\text{NDF}: 9.7/12$

Left: -145.093 ± 17.614 $\chi^2/\text{NDF}: 27.0/27$

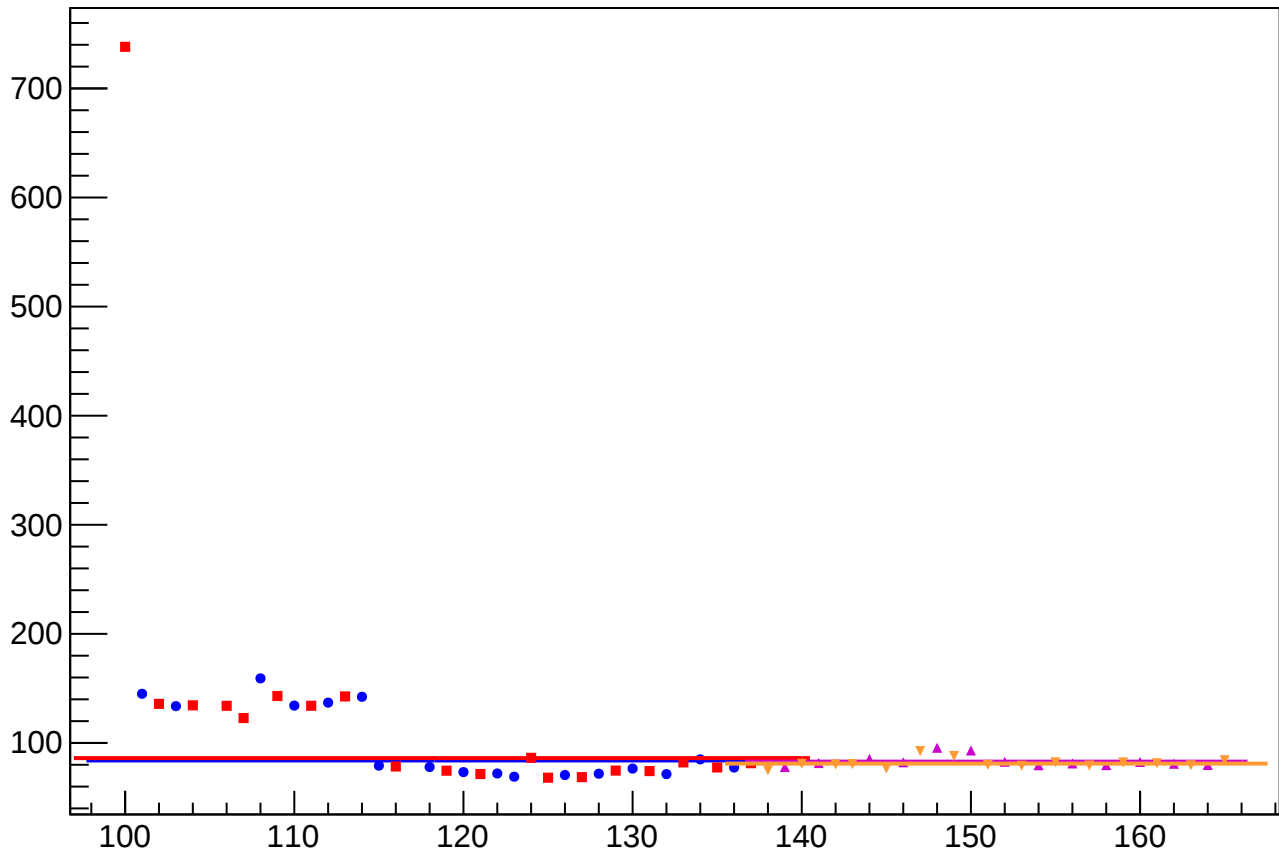
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -87.773 ± 20.436 $\chi^2/\text{NDF}: 42.6/29$

Out: -89.072 ± 19.662 $\chi^2/\text{NDF}: 53.0/33$

All: -88.448 ± 14.169 $\chi^2/\text{NDF}: 95.6/63$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.065 $\pm$ 0.017 χ^2 /NDF: 54364.7/14

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 82.869 $\pm$ 0.018 χ^2 /NDF: 66617.0/12

Left: 81.910 $\pm$ 0.012 χ^2 /NDF: 126206.4/27

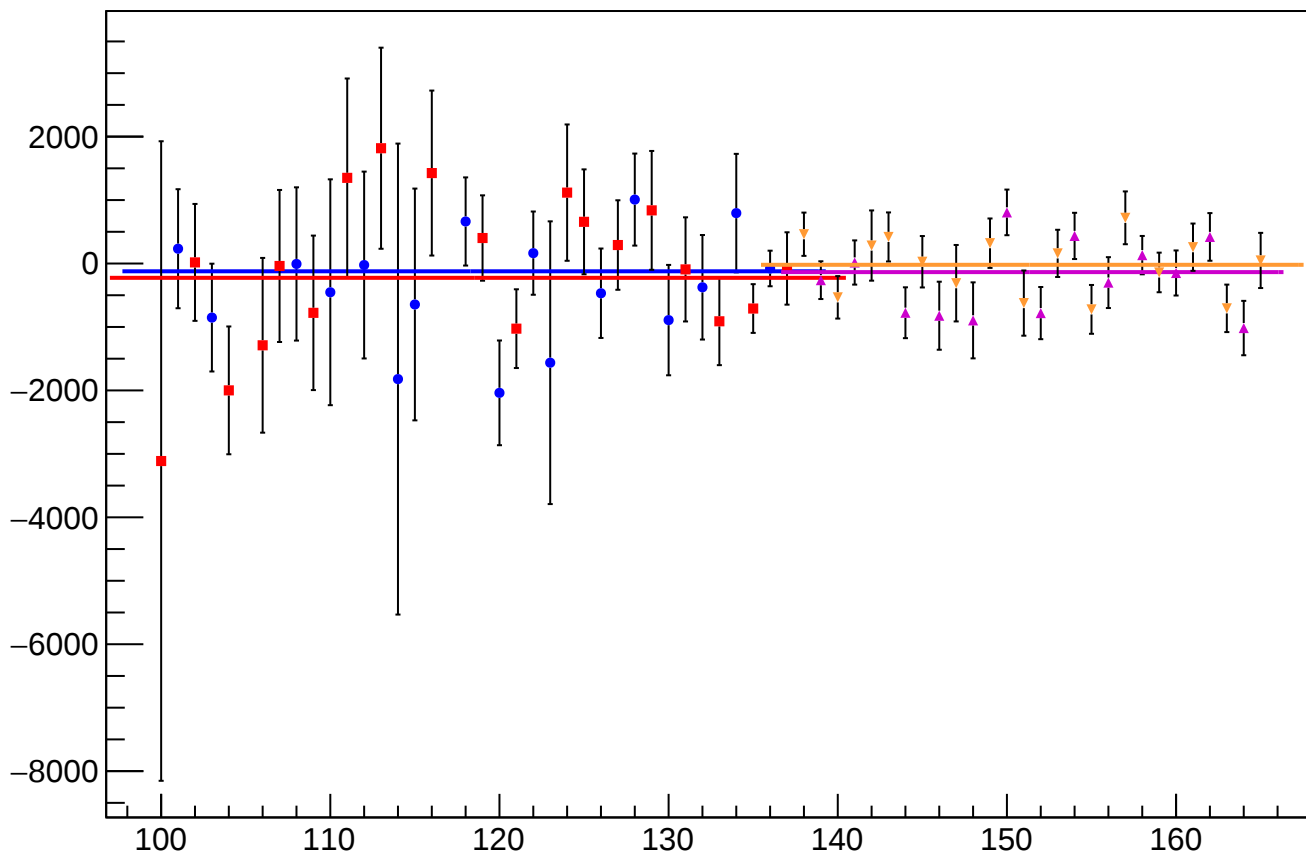
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.272 $\pm$ 0.014 χ^2 /NDF: 1028200.1/29

Out: 82.768 $\pm$ 0.014 χ^2 /NDF: 1220023.2/33

All: 83.010 $\pm$ 0.010 χ^2 /NDF: 2248856.3/63

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -20.229 $\pm$ 101.867 χ^2 /NDF:19.2/14

Right Out: -225.420 $\pm$ 184.973 χ^2 /NDF: 18.3/18

Left In: -135.510 $\pm$ 104.916 χ^2 /NDF:25.3/12

Left: -76.170 $\pm$ 73.085 χ^2 /NDF: 45.1/27

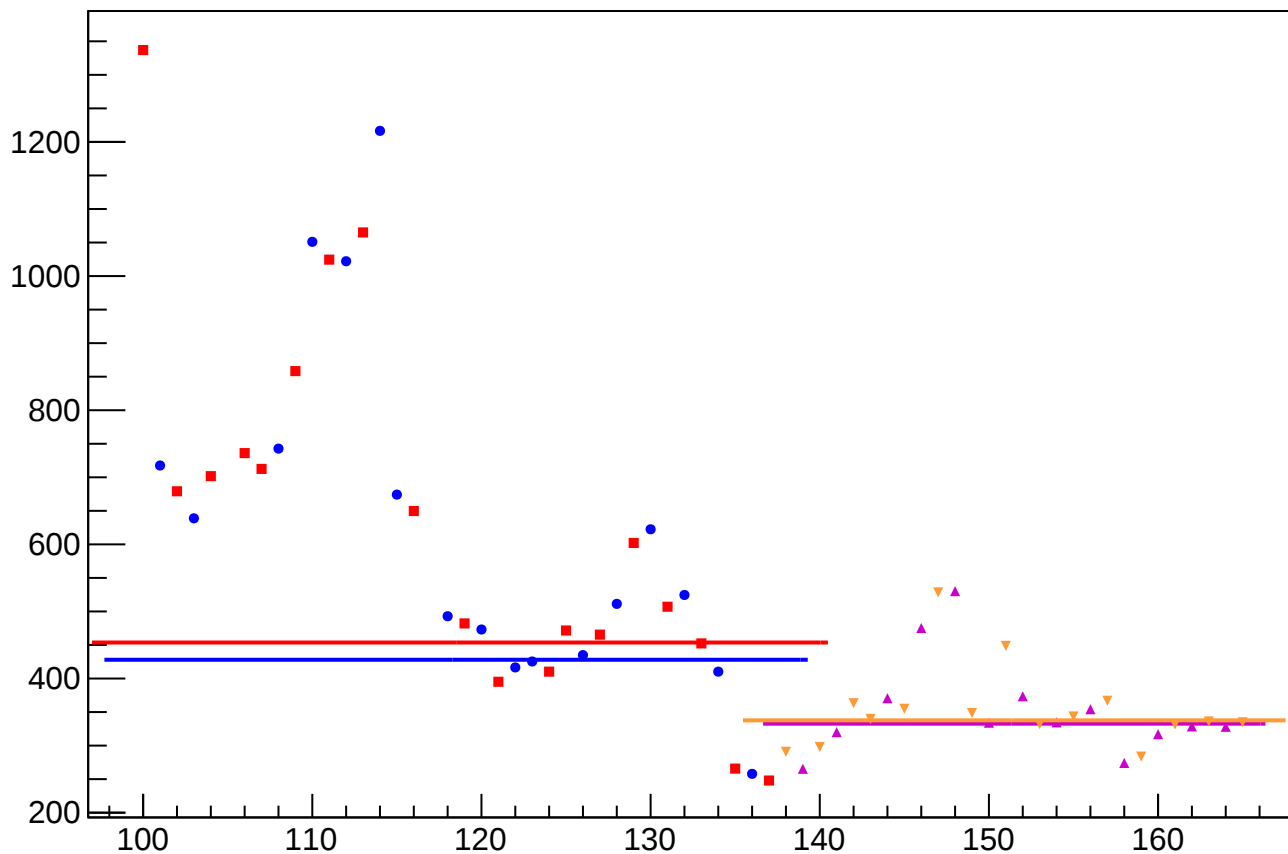
Right: -172.394 $\pm$ 128.849 χ^2 /NDF: 31.5/35

In: -132.177 $\pm$ 90.590 χ^2 /NDF:38.4/29

Out: -67.979 $\pm$ 89.231 χ^2 /NDF:38.4/33

All: -99.593 $\pm$ 63.571 χ^2 /NDF: 77.0/63

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 337.658 $\pm$ 0.072 χ^2 /NDF: 440740.6/14

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 332.714 $\pm$ 0.074 χ^2 /NDF: 586981.8/12

Left: 335.259 $\pm$ 0.052 χ^2 /NDF: 1030008.3/27

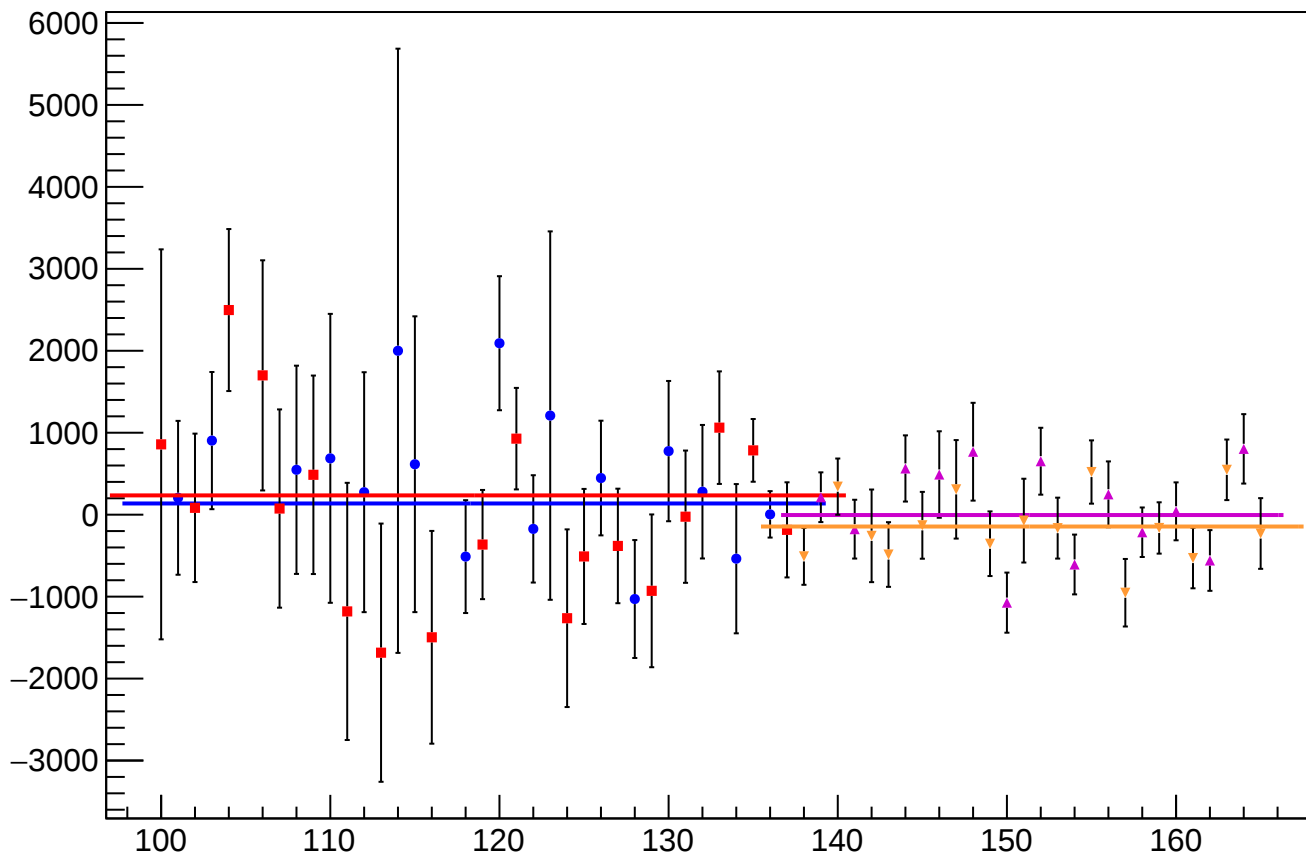
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 356.956 $\pm$ 0.064 χ^2 /NDF: 3068874.5/29

Out: 364.661 $\pm$ 0.063 χ^2 /NDF: 3179234.8/33

All: 360.867 $\pm$ 0.045 χ^2 /NDF: 6255453.3/63

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -144.507 $\pm$ 102.360 χ^2 /NDF:16.2/14

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -4.353 $\pm$ 105.326 χ^2 /NDF:25.9/12

Left: -76.431 $\pm$ 73.406 χ^2 /NDF: 43.0/27

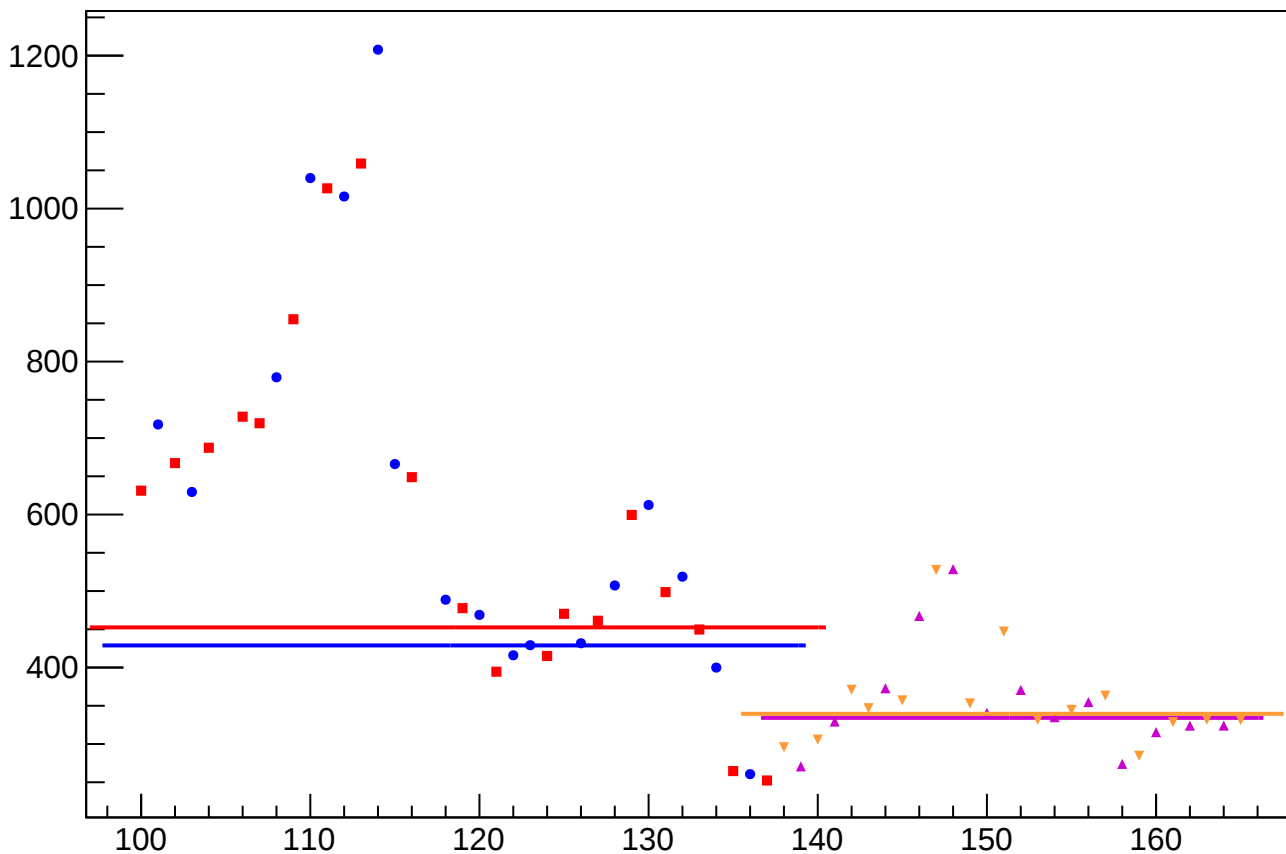
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 31.769 $\pm$ 90.856 χ^2 /NDF:38.9/29

Out: -54.757 $\pm$ 89.453 χ^2 /NDF:41.3/33

All: -12.167 $\pm$ 63.743 χ^2 /NDF: 80.7/63

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 339.489+/-0.072 χ^2/NDF : 420970.1/14

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 334.209+/-0.074 χ^2/NDF : 555486.9/12

Left: 336.925+/-0.052 χ^2/NDF : 979042.3/27

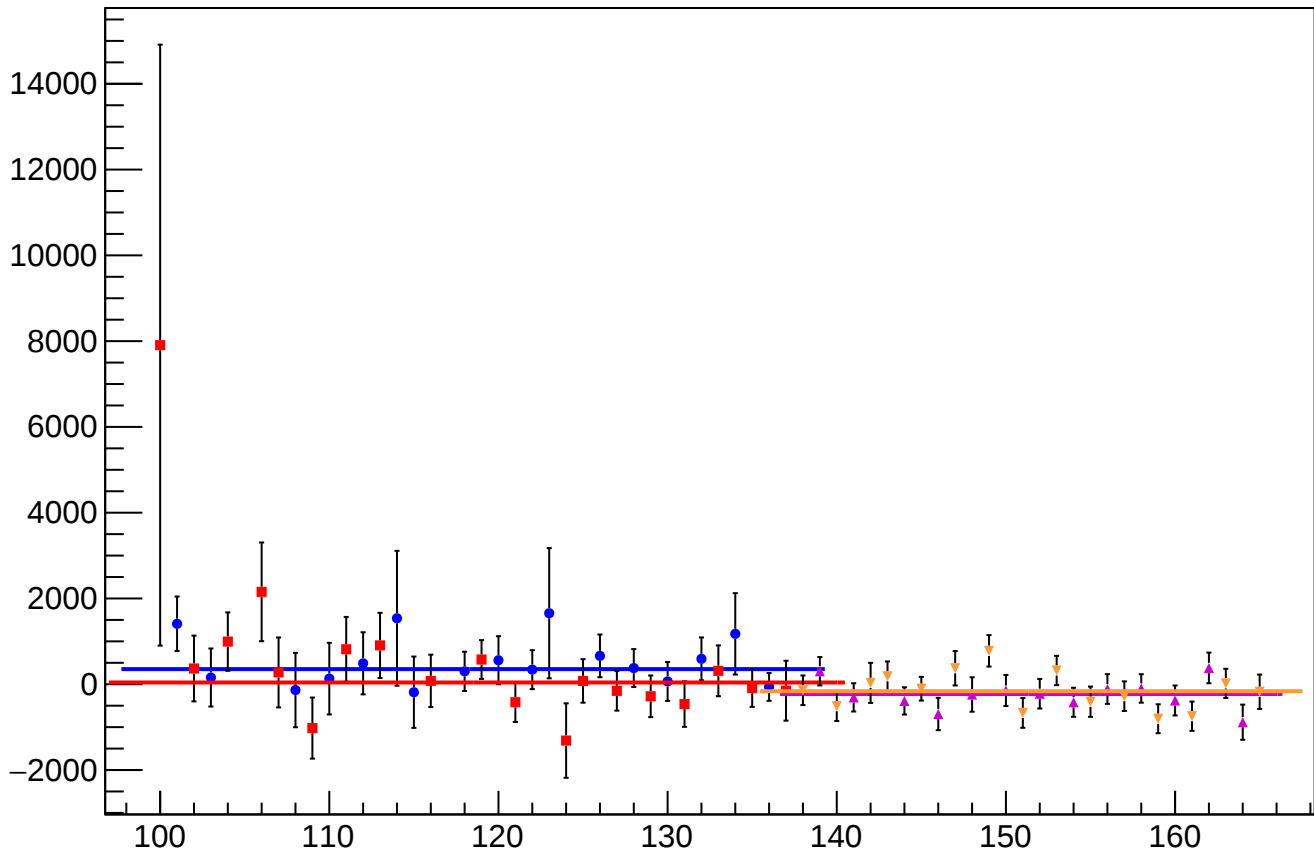
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 358.437+/-0.064 χ^2/NDF : 2979634.5/29

Out: 366.189+/-0.063 χ^2/NDF : 3038961.4/33

All: 362.373+/-0.045 χ^2/NDF : 6025989.7/63

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927+/-137.298 χ^2/NDF : 8.5/16

Left Out: -162.163+/-90.549 χ^2/NDF :22.2/14

Right Out: 41.079+/-138.996 χ^2/NDF : 18.2/18

Left In: -227.992+/-97.281 χ^2/NDF :10.7/12

Left: -192.721+/-66.280 χ^2/NDF : 33.1/27

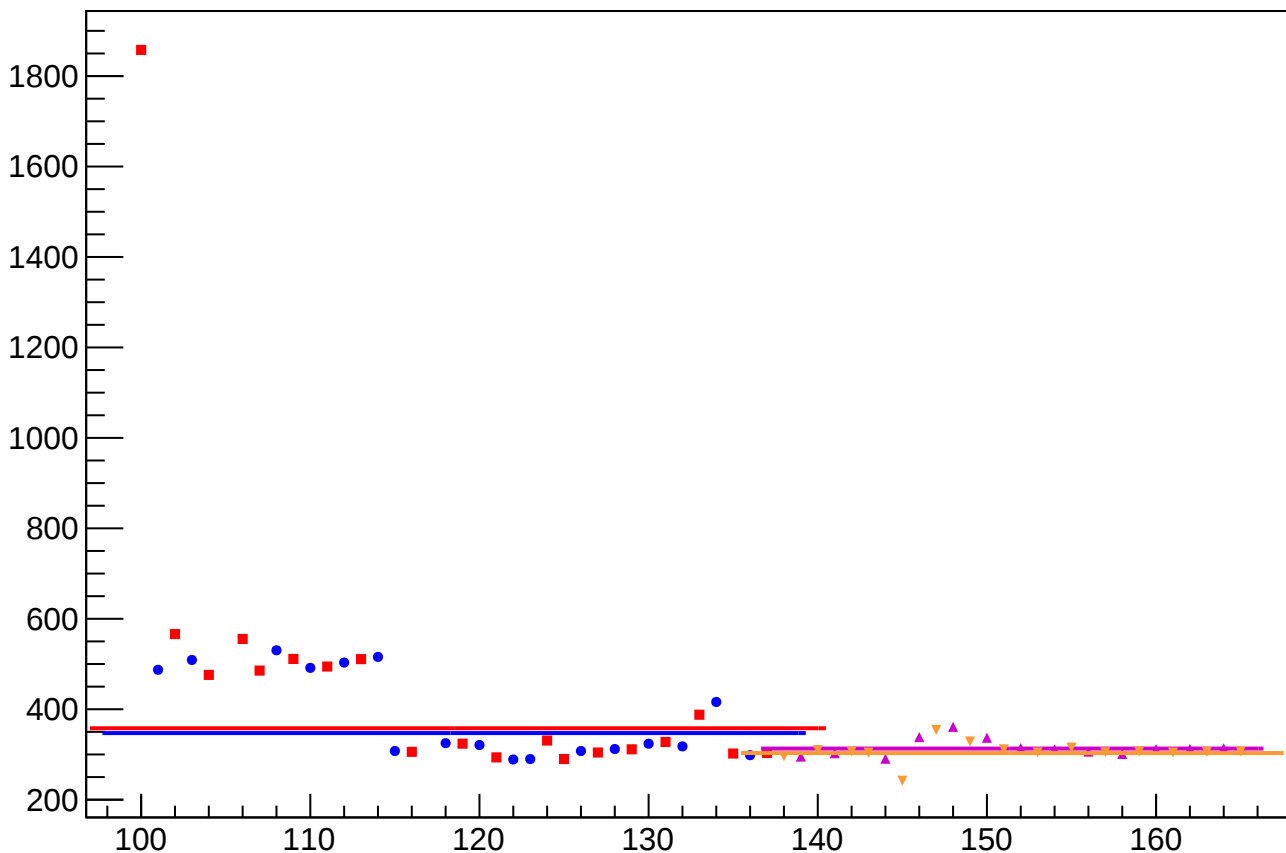
Right: 198.919+/-97.679 χ^2/NDF : 29.3/35

In: -33.828+/-79.376 χ^2/NDF :31.2/29

Out: -101.609+/-75.870 χ^2/NDF :41.8/33

All: -69.249+/-54.846 χ^2/NDF : 73.4/63

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 303.147+/-0.064 χ^2/NDF :145855.5/14

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 313.079+/-0.069 χ^2/NDF :67429.2/12

Left: 307.757+/-0.047 χ^2/NDF : 224454.7/27

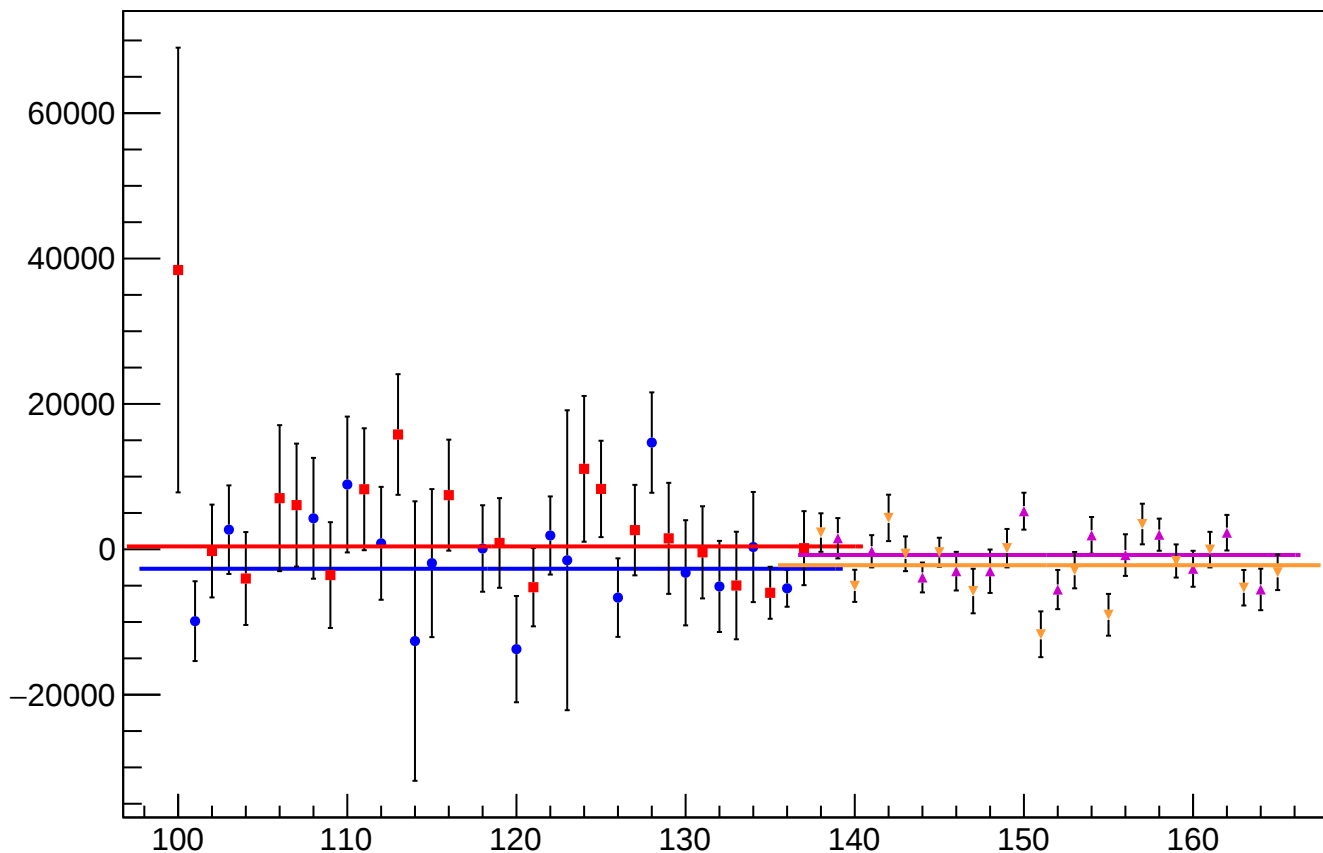
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 324.510+/-0.056 χ^2/NDF :768957.9/29

Out: 319.477+/-0.054 χ^2/NDF :1215822.9/33

All: 321.880+/-0.039 χ^2/NDF : 1988983.4/63

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2185.810+/-655.870 χ^2/NDF : 33.6/14

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -779.946+/-697.895 χ^2/NDF : 20.7/12

Left: -1526.479+/-477.937 χ^2/NDF : 56.4/27

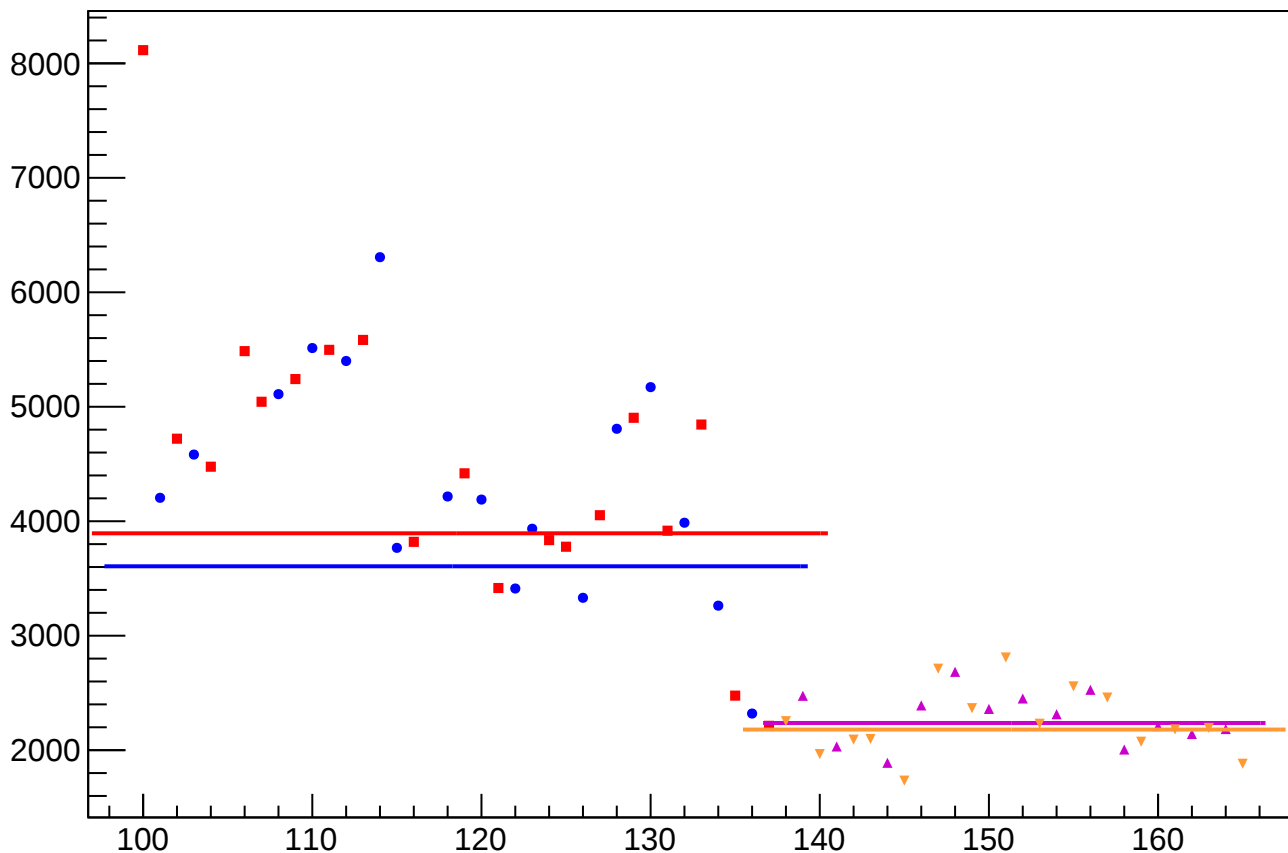
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1133.738+/-629.350 χ^2/NDF : 38.8/29

Out: -1778.361+/-601.949 χ^2/NDF : 51.9/33

All: -1470.387+/-435.006 χ^2/NDF : 91.3/63

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2180.083+/-0.464 χ^2/NDF : 363874.1/14

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2237.551+/-0.493 χ^2/NDF : 206203.4/12

Left: 2207.035+/-0.338 χ^2/NDF : 577278.8/27

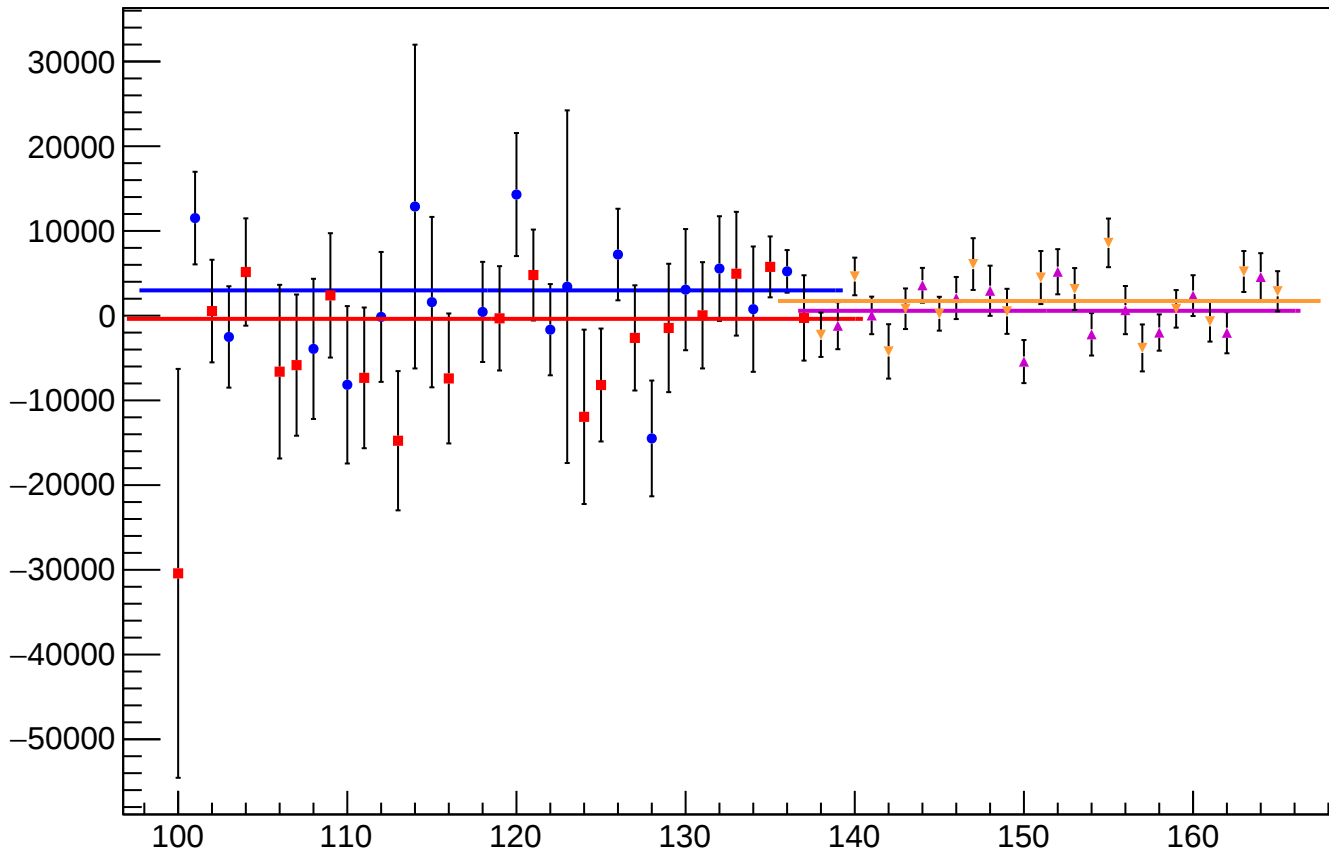
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2493.228+/-0.445 χ^2/NDF : 2735810.5/29

Out: 2450.404+/-0.426 χ^2/NDF : 3551469.6/33

All: 2470.864+/-0.308 χ^2/NDF : 6292116.1/63

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1732.797+/-650.543 χ^2/NDF :24.7/14

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 573.093+/-687.772 χ^2/NDF :18.6/12

Left: 1185.180+/-472.617 χ^2/NDF : 44.8/27

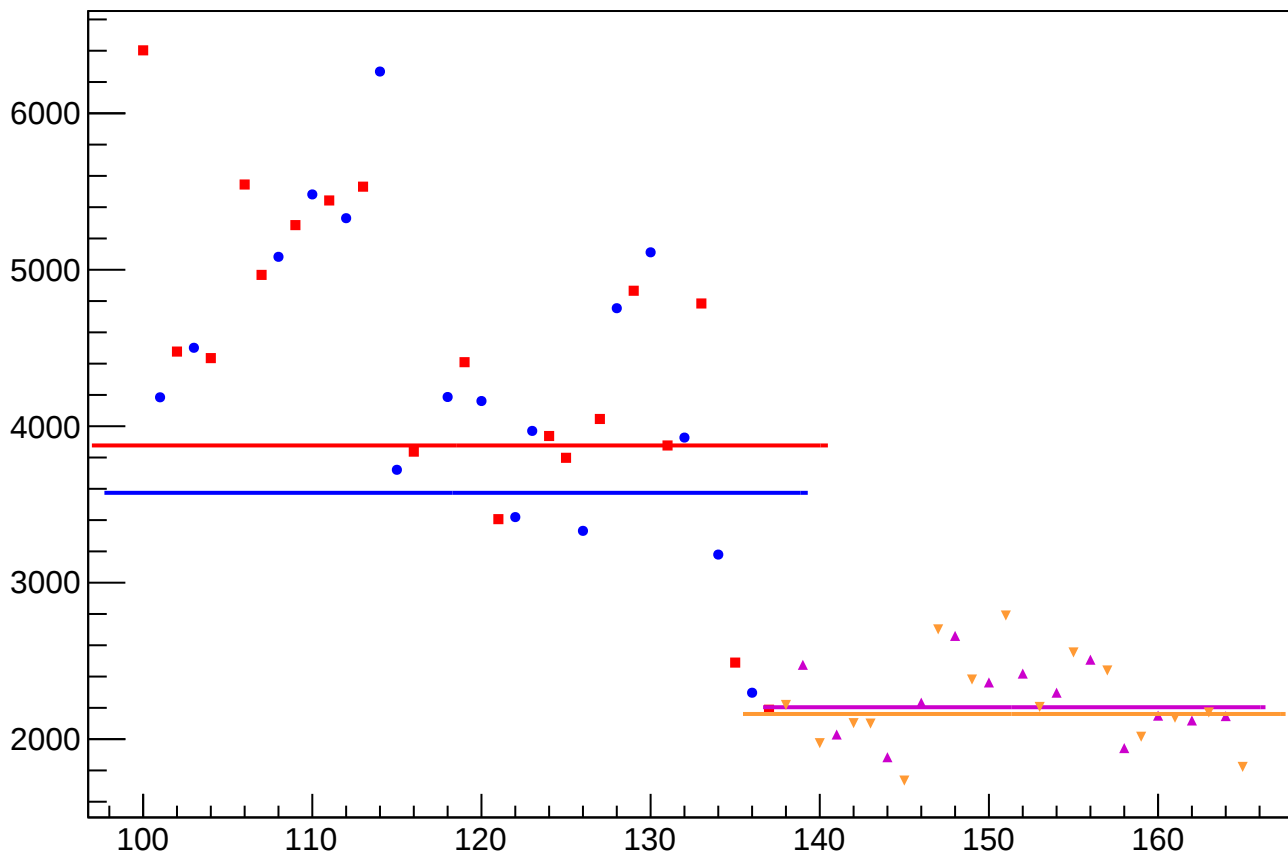
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 1019.007+/-620.907 χ^2/NDF :38.3/29

Out: 1401.483+/-597.294 χ^2/NDF :41.4/33

All: 1217.656+/-430.456 χ^2/NDF : 79.9/63

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2160.883 $\pm$ 0.460 χ^2 /NDF: 372975.1/14

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2204.016 $\pm$ 0.486 χ^2 /NDF: 208217.8/12

Left: 2181.250 $\pm$ 0.334 χ^2 /NDF: 585344.8/27

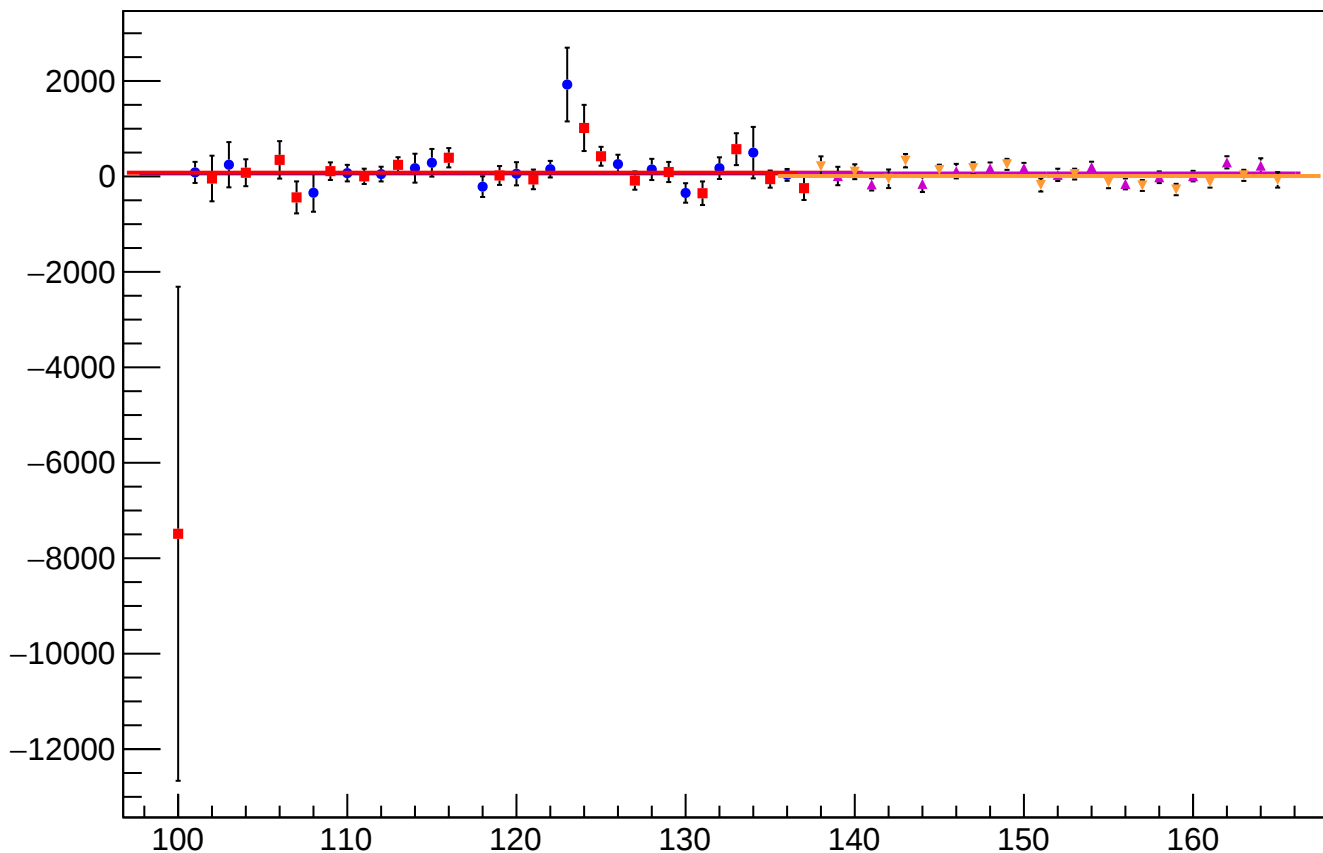
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2457.513 $\pm$ 0.439 χ^2 /NDF: 2768302.7/29

Out: 2430.346 $\pm$ 0.422 χ^2 /NDF: 3548625.9/33

All: 2443.403 $\pm$ 0.304 χ^2 /NDF: 6318917.1/63

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 8.569+/-33.430 χ^2/NDF : 27.4/14

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 61.523+/-35.708 χ^2/NDF : 17.1/12

Left: 33.303+/-24.404 χ^2/NDF : 45.7/27

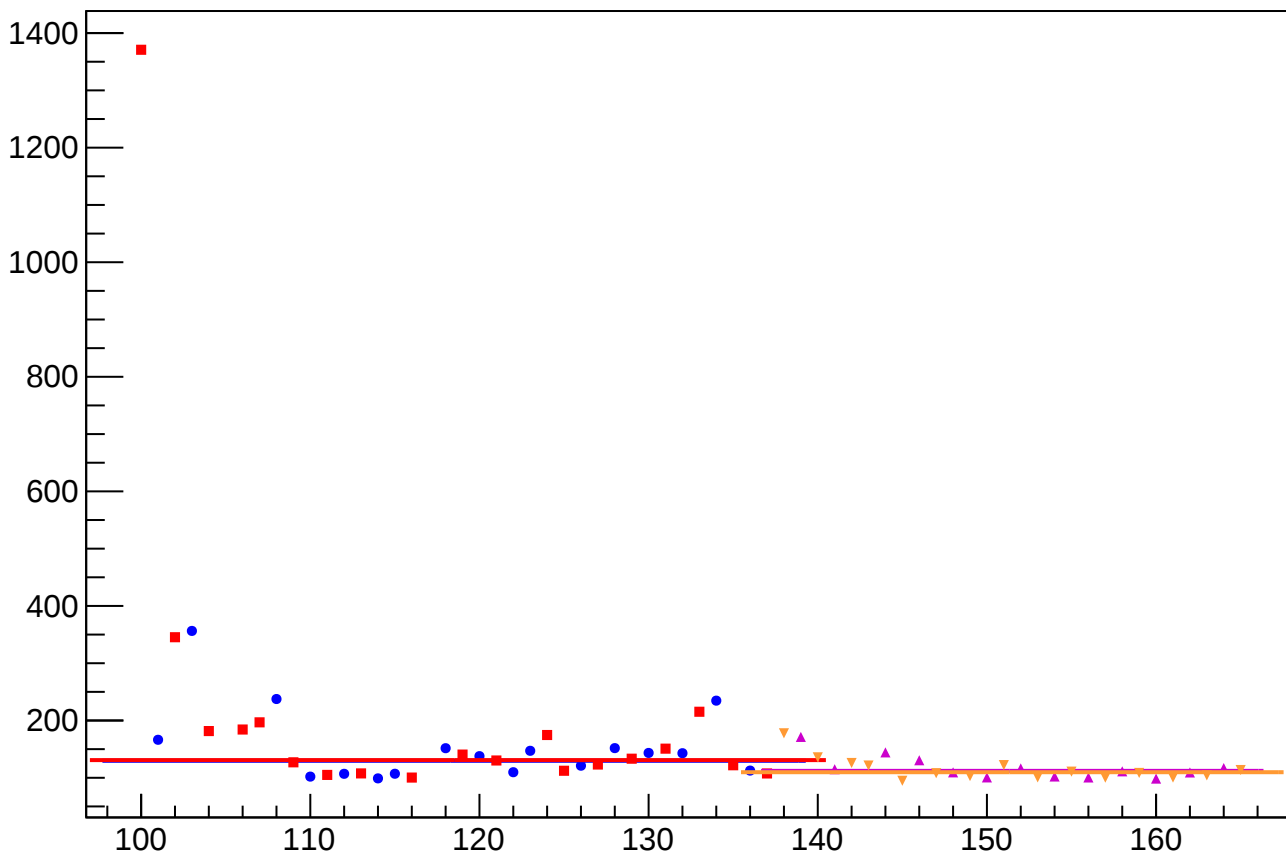
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 62.688+/-29.561 χ^2/NDF : 32.8/29

Out: 28.888+/-28.174 χ^2/NDF : 53.0/33

All: 44.976+/-20.395 χ^2/NDF : 86.5/63

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 109.749 $\pm$ 0.024 χ^2 /NDF: 399394.8/14

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 112.085 $\pm$ 0.025 χ^2 /NDF: 384074.4/12

Left: 110.840 $\pm$ 0.017 χ^2 /NDF: 788031.6/27

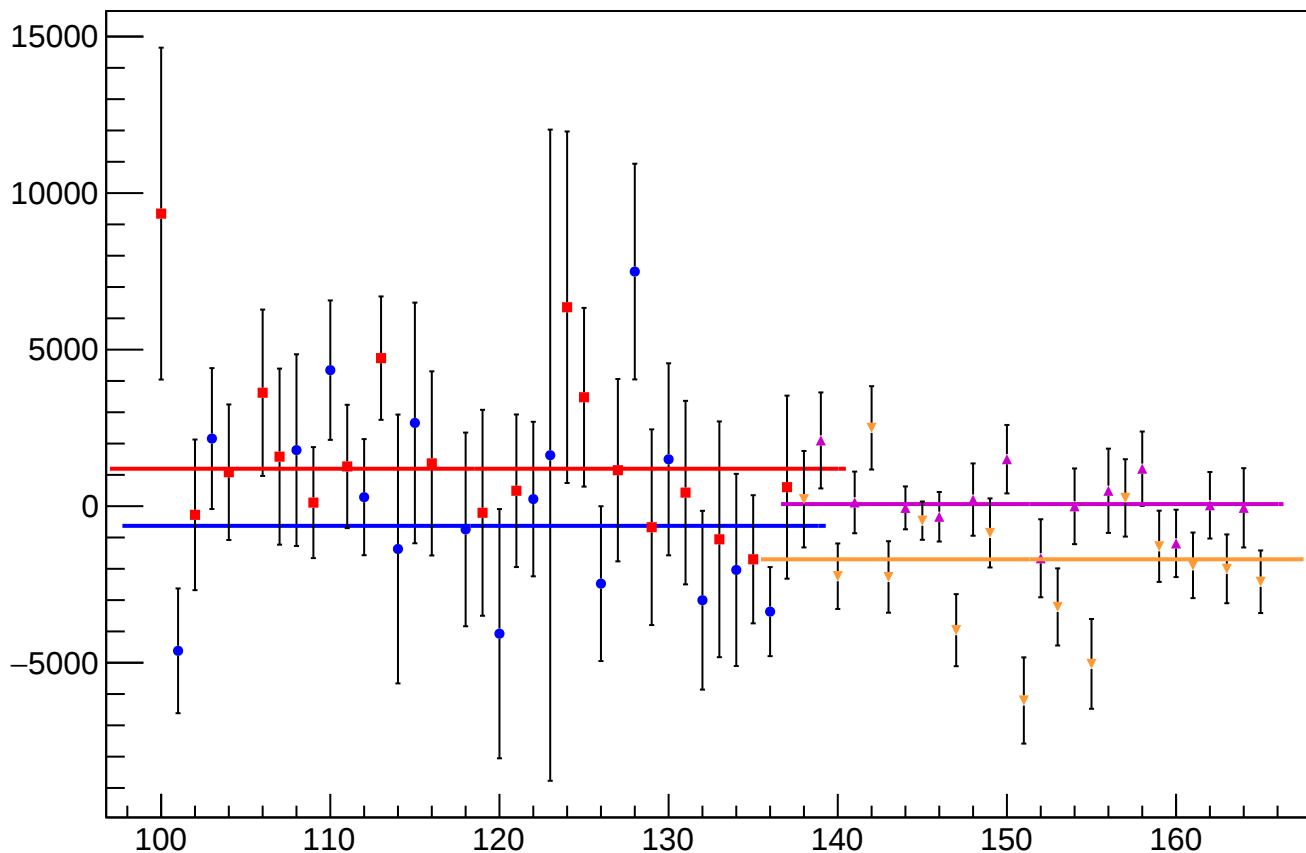
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 117.627 $\pm$ 0.021 χ^2 /NDF: 1526829.8/29

Out: 115.871 $\pm$ 0.020 χ^2 /NDF: 1673205.0/33

All: 116.707 $\pm$ 0.014 χ^2 /NDF: 3203731.6/63

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1696.625 ± 279.870 χ^2/NDF : 41.5/14

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 67.452 ± 291.872 χ^2/NDF : 8.1/12

Left: -851.601 ± 202.008 χ^2/NDF : 68.6/27

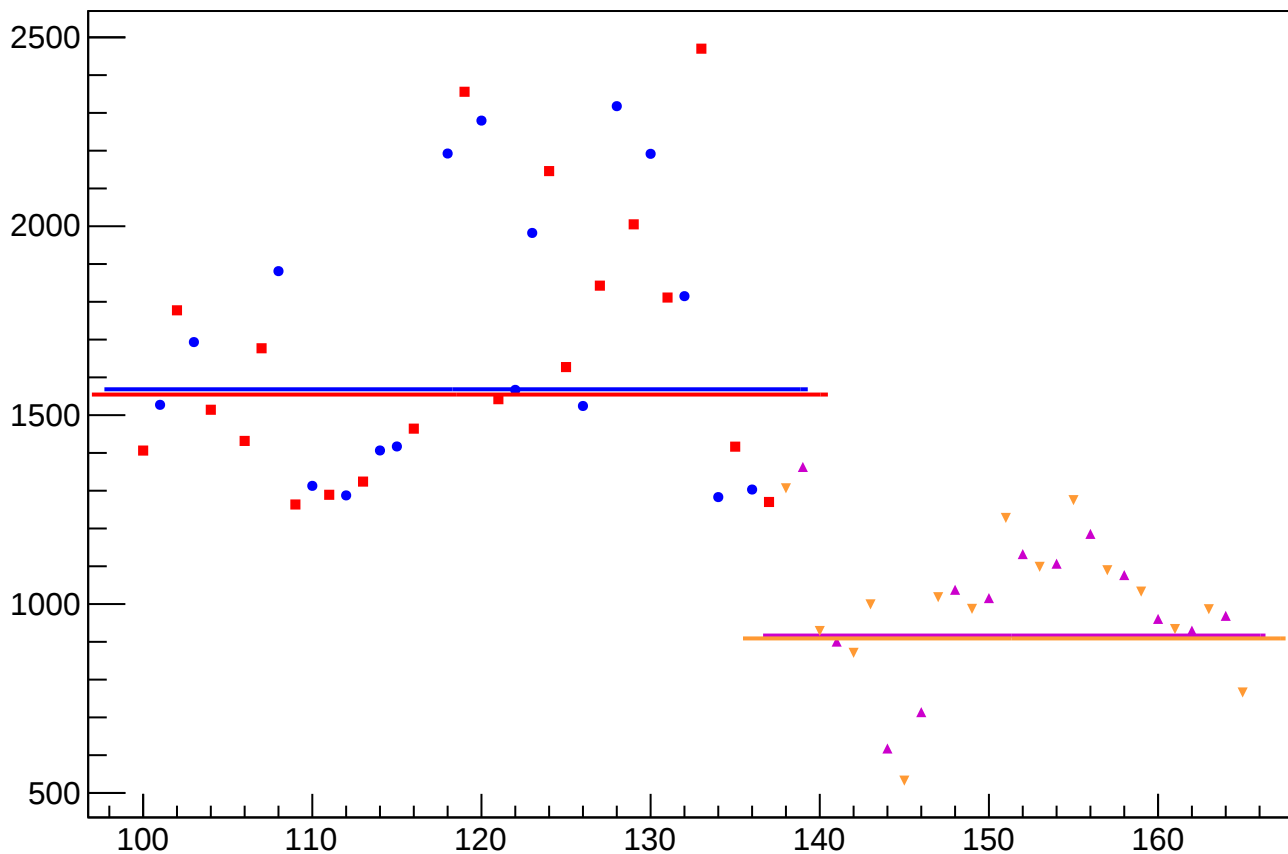
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: -58.249 ± 264.188 χ^2/NDF : 33.4/29

Out: -1173.534 ± 253.306 χ^2/NDF : 72.6/33

All: -639.335 ± 182.840 χ^2/NDF : 115.3/63

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 909.001 $\pm$ 0.198 χ^2 /NDF:1338559.4/14

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 916.633 $\pm$ 0.206 χ^2 /NDF:953628.9/12

Left: 912.657 $\pm$ 0.143 χ^2 /NDF: 2292900.8/27

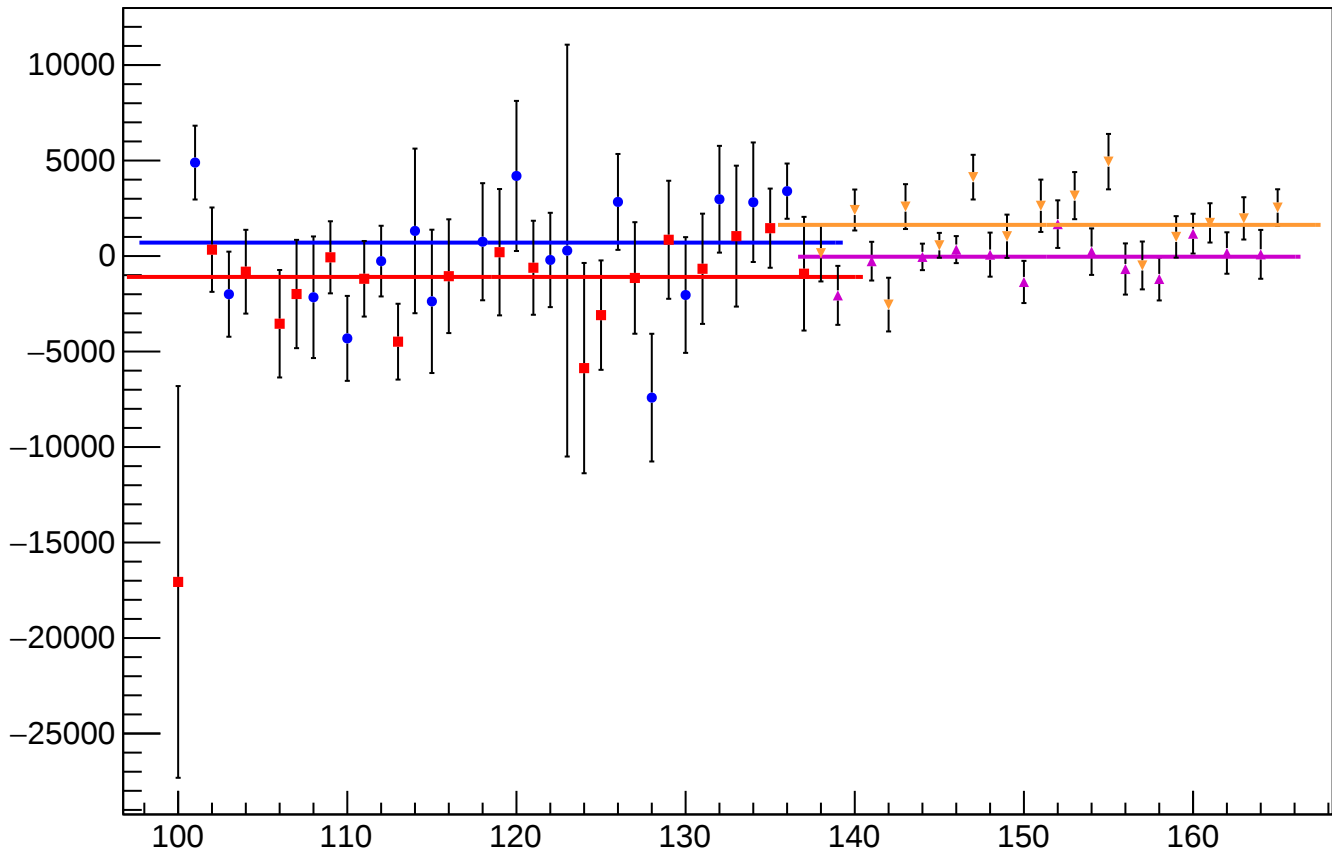
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1034.423 $\pm$ 0.187 χ^2 /NDF:3290428.9/29

Out: 1025.728 $\pm$ 0.179 χ^2 /NDF:3774583.2/33

All: 1029.893 $\pm$ 0.129 χ^2 /NDF: 7066141.0/63

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1631.895 $\pm$ 283.617 χ^2 /NDF:30.0/14

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -35.723 $\pm$ 287.646 χ^2 /NDF:8.1/12

Left: 809.849 $\pm$ 201.957 χ^2 /NDF: 55.2/27

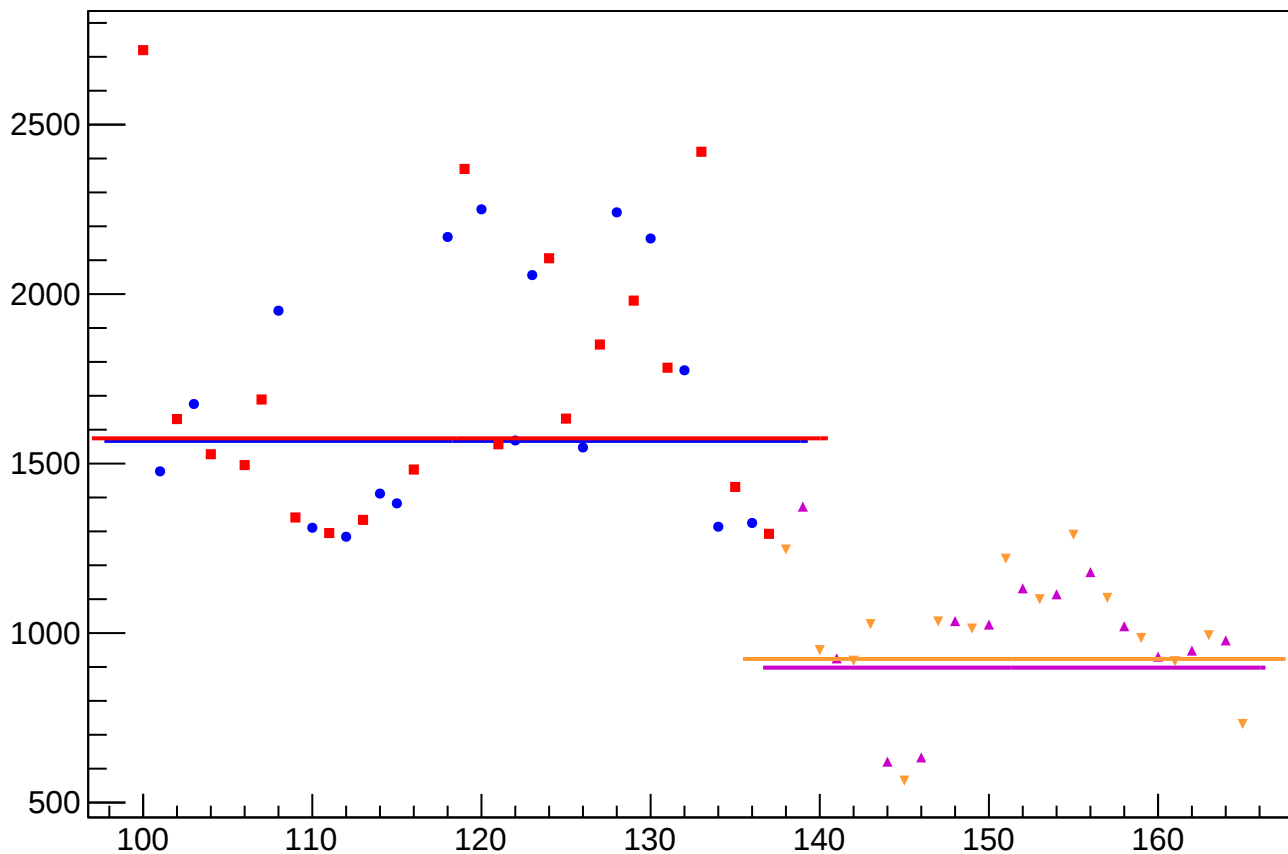
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 94.916 $\pm$ 260.978 χ^2 /NDF:35.2/29

Out: 1138.402 $\pm$ 256.662 χ^2 /NDF:57.4/33

All: 625.359 $\pm$ 182.994 χ^2 /NDF: 100.8/63

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 923.667 $\pm$ 0.201 χ^2 /NDF: 1149344.2/14

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 898.052 $\pm$ 0.203 χ^2 /NDF: 1105247.5/12

Left: 911.040 $\pm$ 0.143 χ^2 /NDF: 2262633.8/27

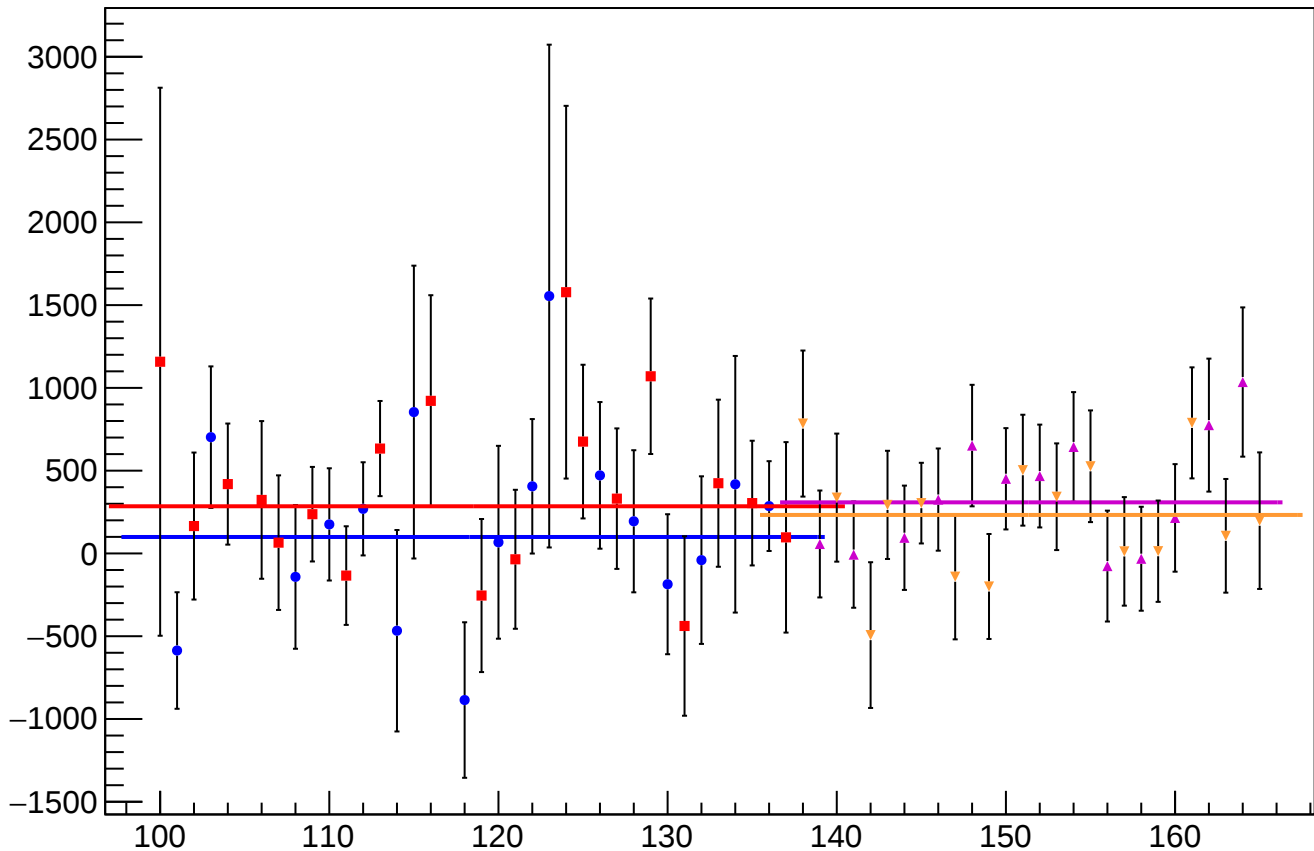
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1016.331 $\pm$ 0.185 χ^2 /NDF: 3517466.7/29

Out: 1041.504 $\pm$ 0.181 χ^2 /NDF: 3520551.7/33

All: 1029.127 $\pm$ 0.129 χ^2 /NDF: 7047477.1/63

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 232.538 $\pm$ 87.473 χ^2/NDF :12.7/14

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 308.586 $\pm$ 92.402 χ^2/NDF :10.9/12

Left: 268.479 $\pm$ 63.524 χ^2/NDF : 24.0/27

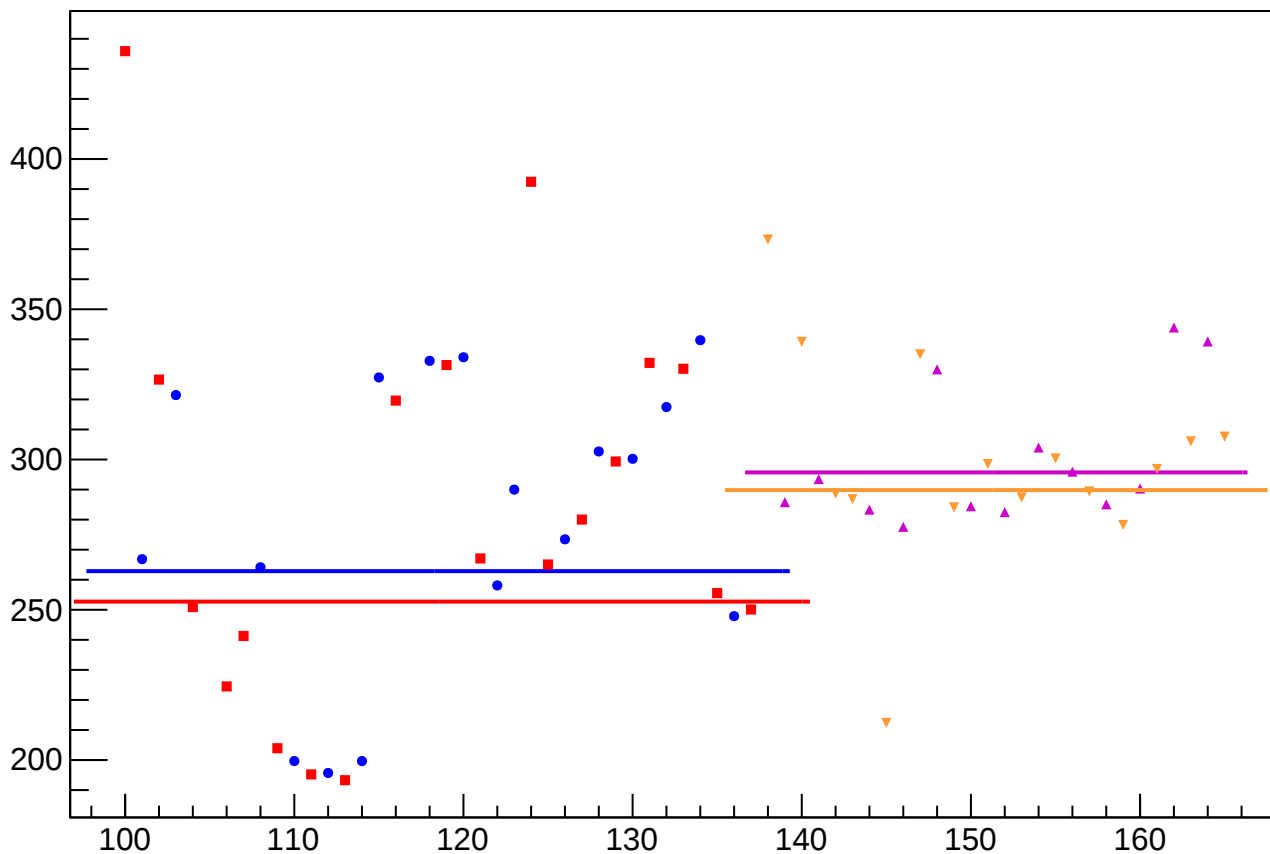
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 215.763 $\pm$ 68.918 χ^2/NDF :29.1/29

Out: 255.826 $\pm$ 65.172 χ^2/NDF :26.8/33

All: 236.913 $\pm$ 47.353 χ^2/NDF : 56.2/63

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 289.835 $\pm$ 0.062 χ^2 /NDF:350981.1/14

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 295.710 $\pm$ 0.065 χ^2 /NDF:87332.5/12

Left: 292.612 $\pm$ 0.045 χ^2 /NDF: 442578.6/27

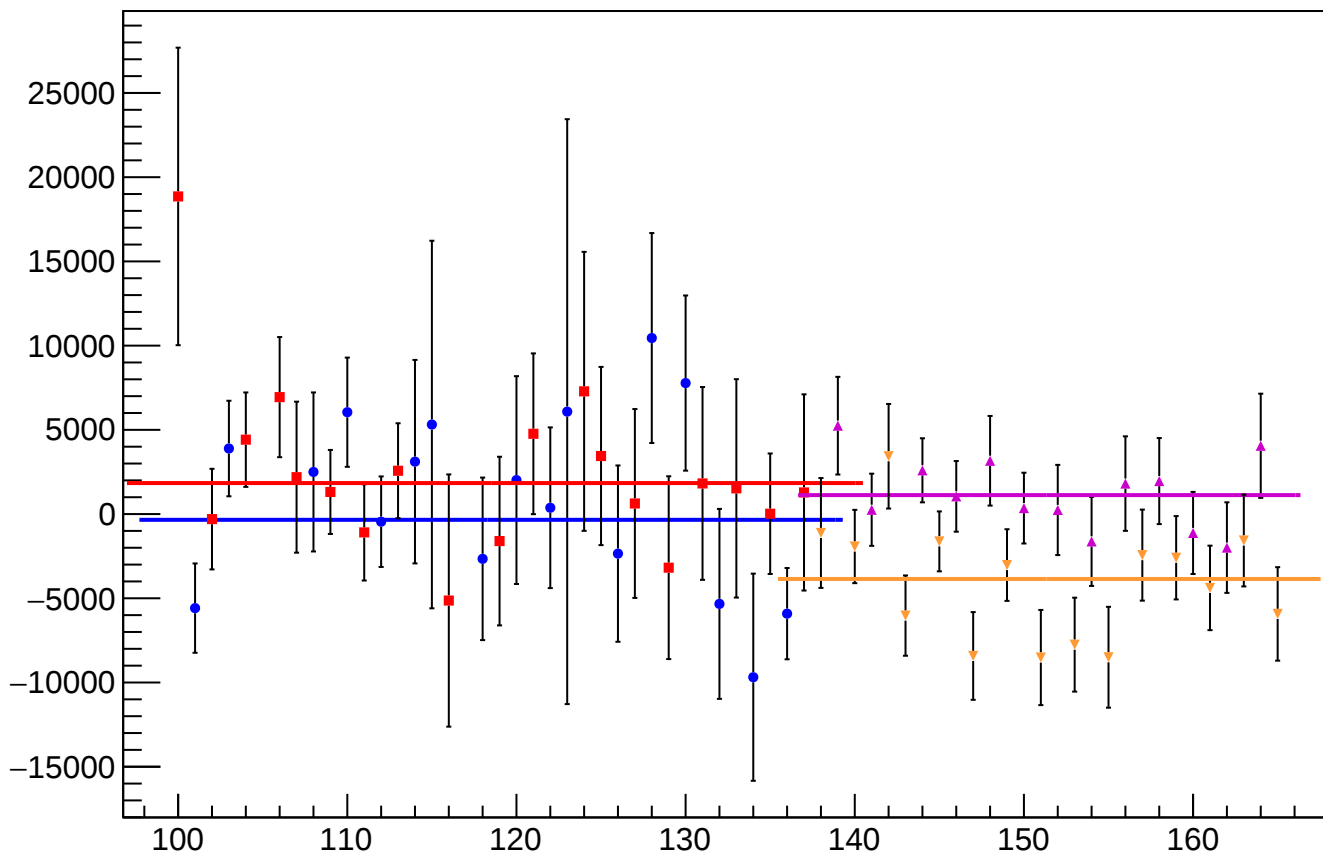
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 281.133 $\pm$ 0.049 χ^2 /NDF:611215.6/29

Out: 273.323 $\pm$ 0.046 χ^2 /NDF:1050896.1/33

All: 277.010 $\pm$ 0.033 χ^2 /NDF: 1675671.4/63

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3853.175 ± 651.071 $\chi^2/\text{NDF}: 21.6/14$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 1125.071 ± 676.925 $\chi^2/\text{NDF}: 8.0/12$

Left: -1460.932 ± 469.250 $\chi^2/\text{NDF}: 57.6/27$

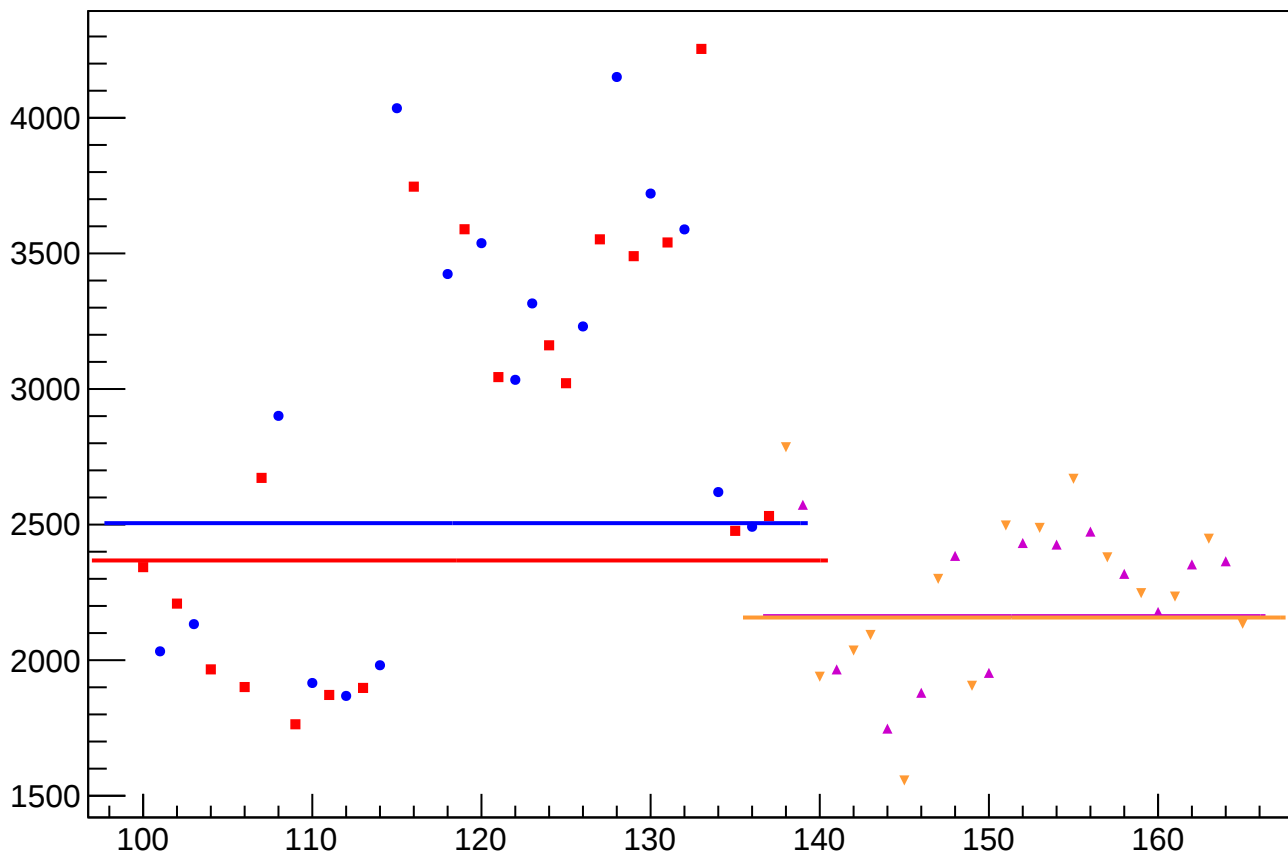
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 667.128 ± 561.380 $\chi^2/\text{NDF}: 33.8/29$

Out: -1966.185 ± 532.362 $\chi^2/\text{NDF}: 58.6/33$

All: -719.342 ± 386.288 $\chi^2/\text{NDF}: 104.0/63$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2157.325 $\pm$ 0.460 χ^2 /NDF: 517280.0/14

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2162.545 $\pm$ 0.479 χ^2 /NDF: 313169.5/12

Left: 2159.833 $\pm$ 0.332 χ^2 /NDF: 830511.3/27

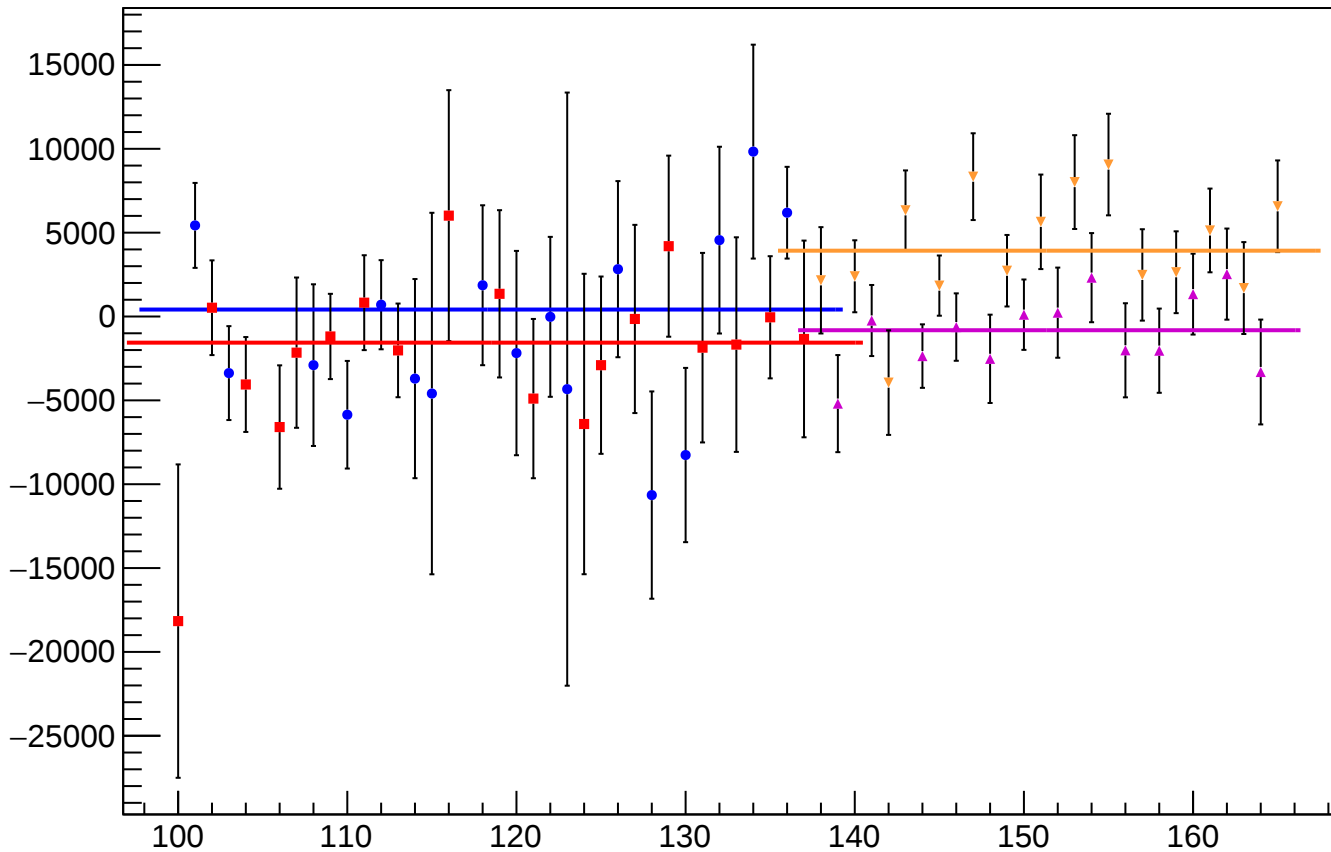
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2269.578 $\pm$ 0.397 χ^2 /NDF: 1337439.2/29

Out: 2227.056 $\pm$ 0.376 χ^2 /NDF: 1617399.6/33

All: 2247.190 $\pm$ 0.273 χ^2 /NDF: 2960880.4/63

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 χ^2/NDF : 24.5/16

Left Out: 3925.262 ± 649.743 χ^2/NDF : 20.6/14

Right Out: -1558.787 ± 924.438 χ^2/NDF : 10.7/18

Left In: -817.981 ± 671.873 χ^2/NDF : 8.6/12

Left: 1633.040 ± 467.065 χ^2/NDF : 54.9/27

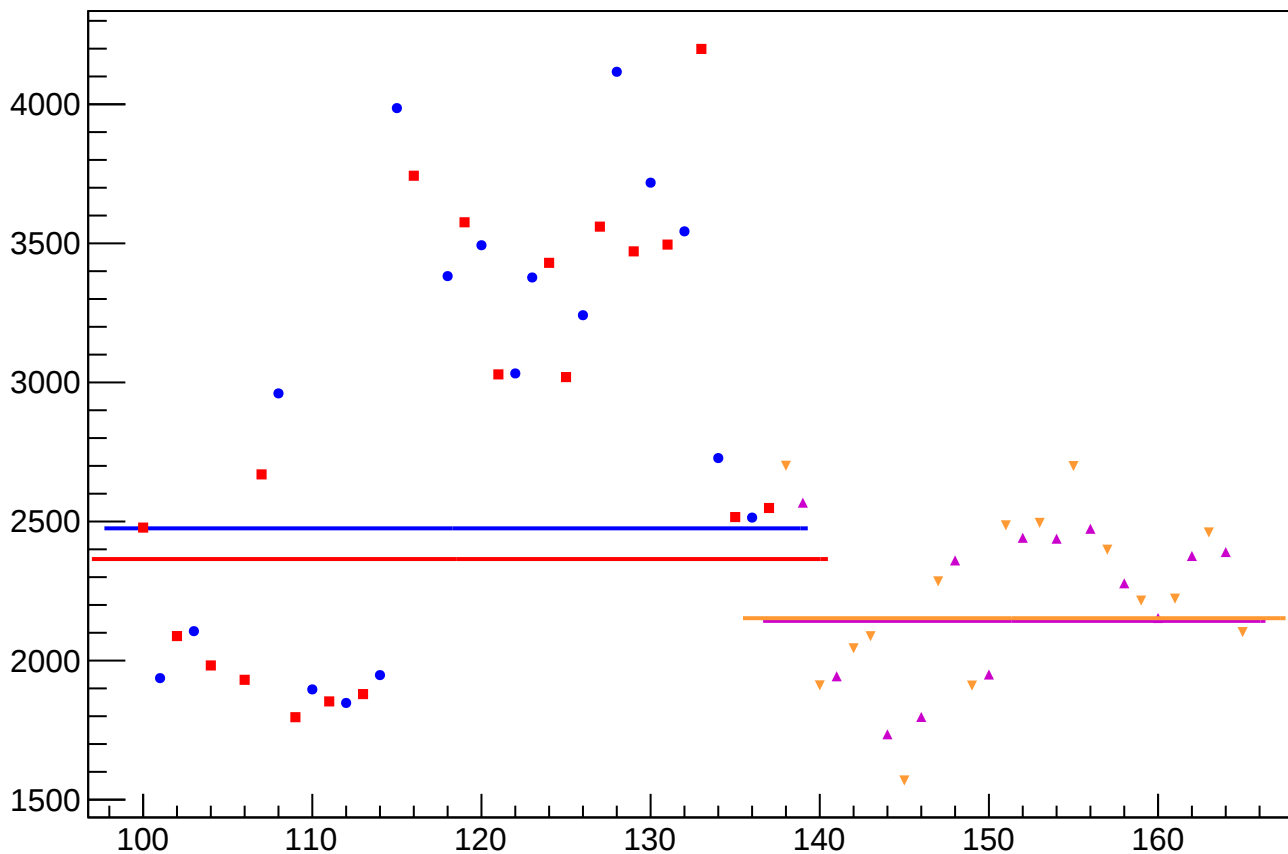
Right: -644.015 ± 677.222 χ^2/NDF : 37.3/35

In: -431.632 ± 556.801 χ^2/NDF : 34.1/29

Out: 2111.926 ± 531.577 χ^2/NDF : 54.8/33

All: 899.064 ± 384.490 χ^2/NDF : 99.9/63

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2152.391 $\pm$ 0.459 χ^2/NDF : 499723.8/14

Right Out: 2365.025 $\pm$ 0.654 χ^2/NDF : 1027171.5/18

Left In: 2142.852 $\pm$ 0.475 χ^2/NDF : 353477.4/12

Left: 2147.781 $\pm$ 0.330 χ^2/NDF : 853409.5/27

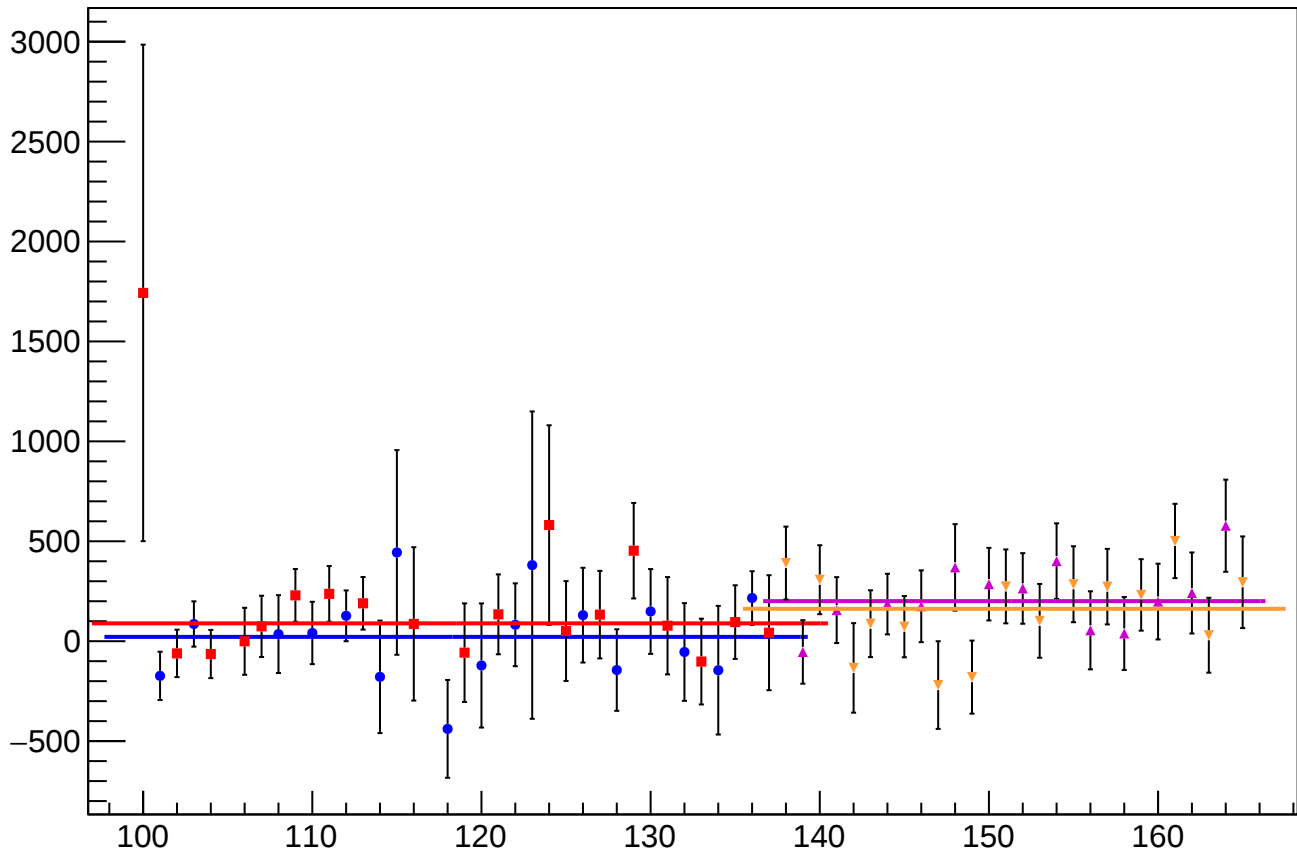
Right: 2416.181 $\pm$ 0.479 χ^2/NDF : 1953463.4/35

In: 2247.019 $\pm$ 0.394 χ^2/NDF : 1420042.8/29

Out: 2222.700 $\pm$ 0.376 χ^2/NDF : 1597720.7/33

All: 2234.296 $\pm$ 0.272 χ^2/NDF : 3019759.6/63

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 162.173 $\pm$ 47.968 χ^2 /NDF:16.7/14

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 200.544 $\pm$ 50.648 χ^2 /NDF:8.8/12

Left: 180.317 $\pm$ 34.827 χ^2 /NDF: 25.8/27

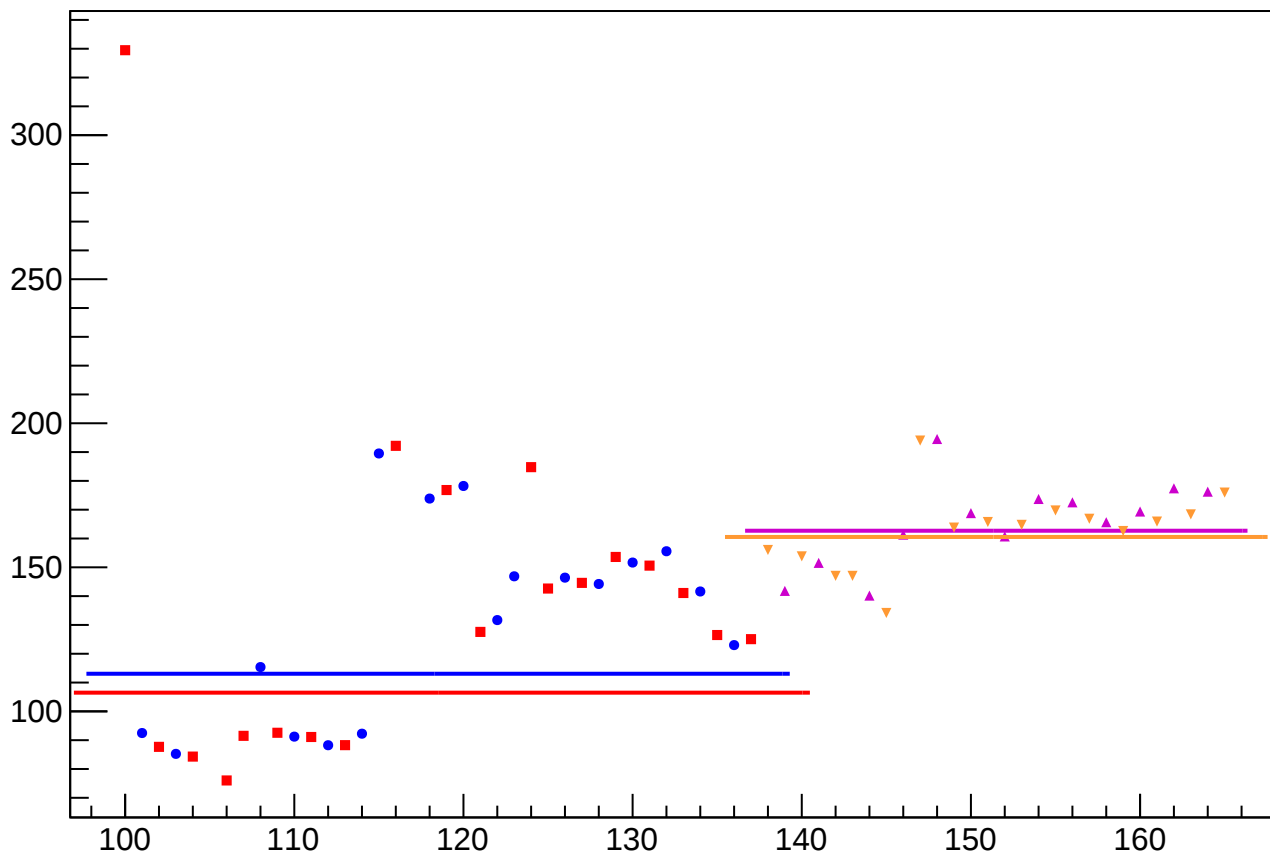
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 100.876 $\pm$ 33.705 χ^2 /NDF:28.3/29

Out: 120.763 $\pm$ 31.515 χ^2 /NDF:30.7/33

All: 111.486 $\pm$ 23.020 χ^2 /NDF: 59.2/63

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 160.533 $\pm$ 0.034 χ^2/NDF :154981.9/14

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 162.700 $\pm$ 0.036 χ^2/NDF :166088.9/12

Left: 161.558 $\pm$ 0.025 χ^2/NDF : 323001.8/27

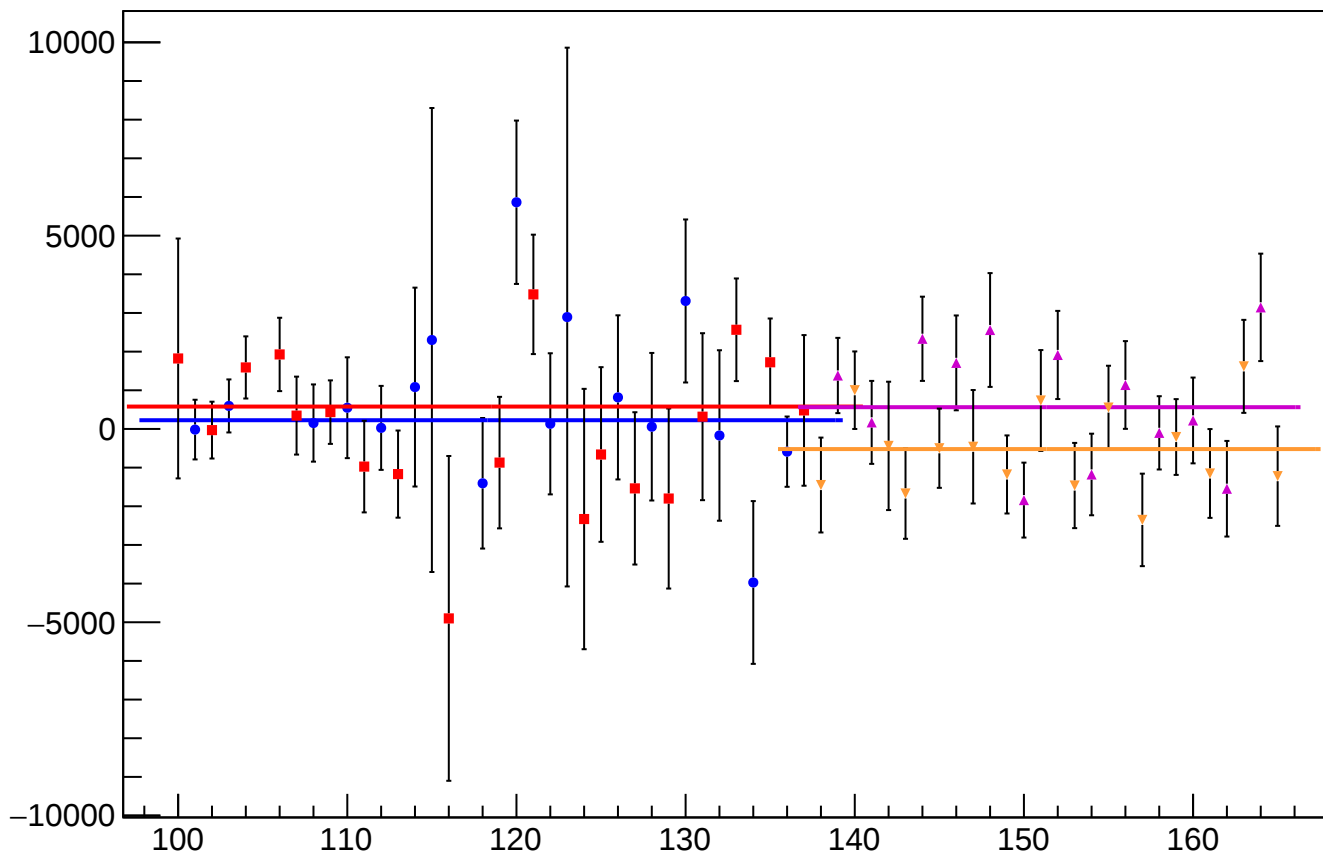
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 135.043 $\pm$ 0.024 χ^2/NDF :2057295.5/29

Out: 129.819 $\pm$ 0.022 χ^2/NDF :2613893.4/33

All: 132.256 $\pm$ 0.016 χ^2/NDF : 4696829.1/63

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -520.586 $\pm$ 298.729 χ^2 /NDF:13.1/14

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 562.860 $\pm$ 308.613 χ^2 /NDF:23.7/12

Left: 3.510 $\pm$ 214.642 χ^2 /NDF: 43.2/27

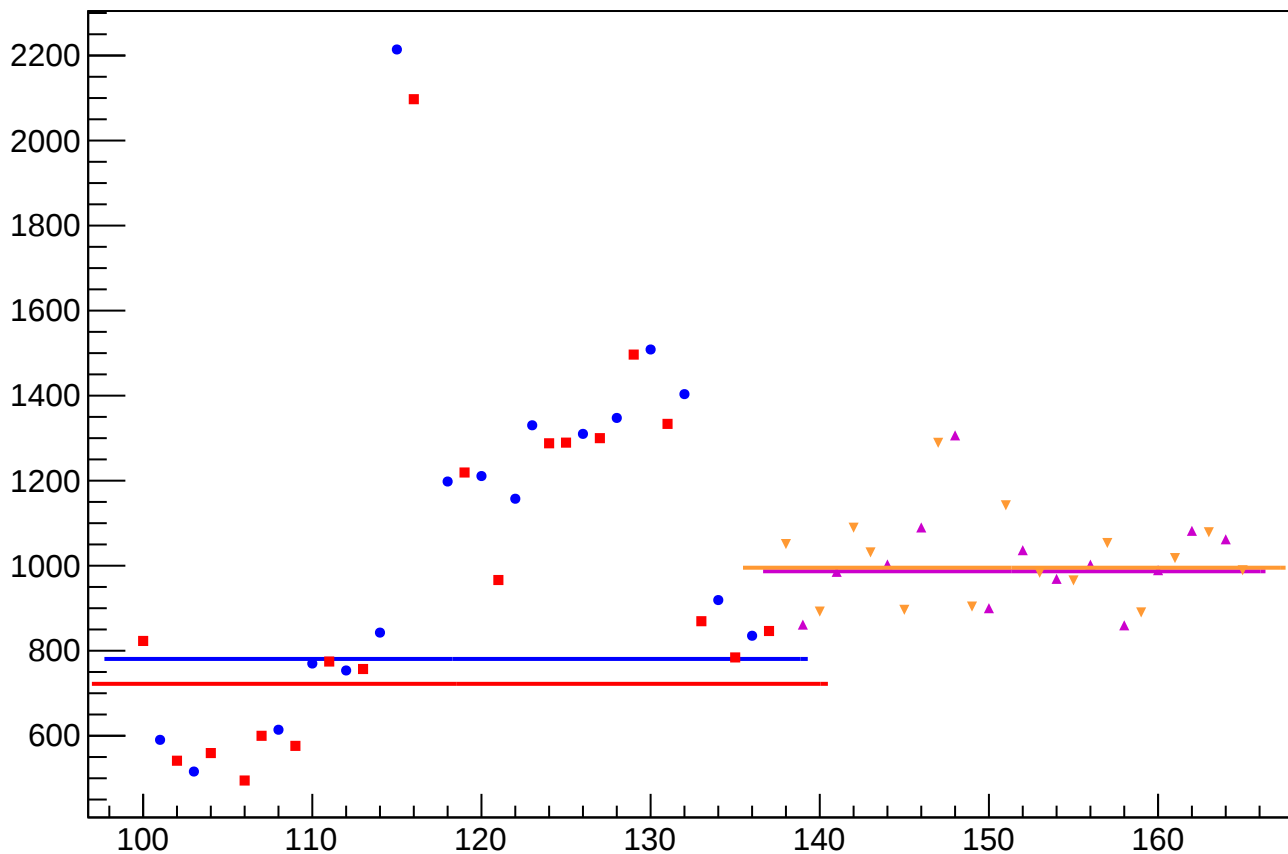
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 401.096 $\pm$ 222.609 χ^2 /NDF:40.2/29

Out: 46.967 $\pm$ 207.795 χ^2 /NDF:41.3/33

All: 211.857 $\pm$ 151.901 χ^2 /NDF: 82.8/63

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 995.289 $\pm$ 0.211 χ^2 /NDF: 214113.5/14

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 986.889 $\pm$ 0.218 χ^2 /NDF: 216607.5/12

Left: 991.225 $\pm$ 0.152 χ^2 /NDF: 431486.0/27

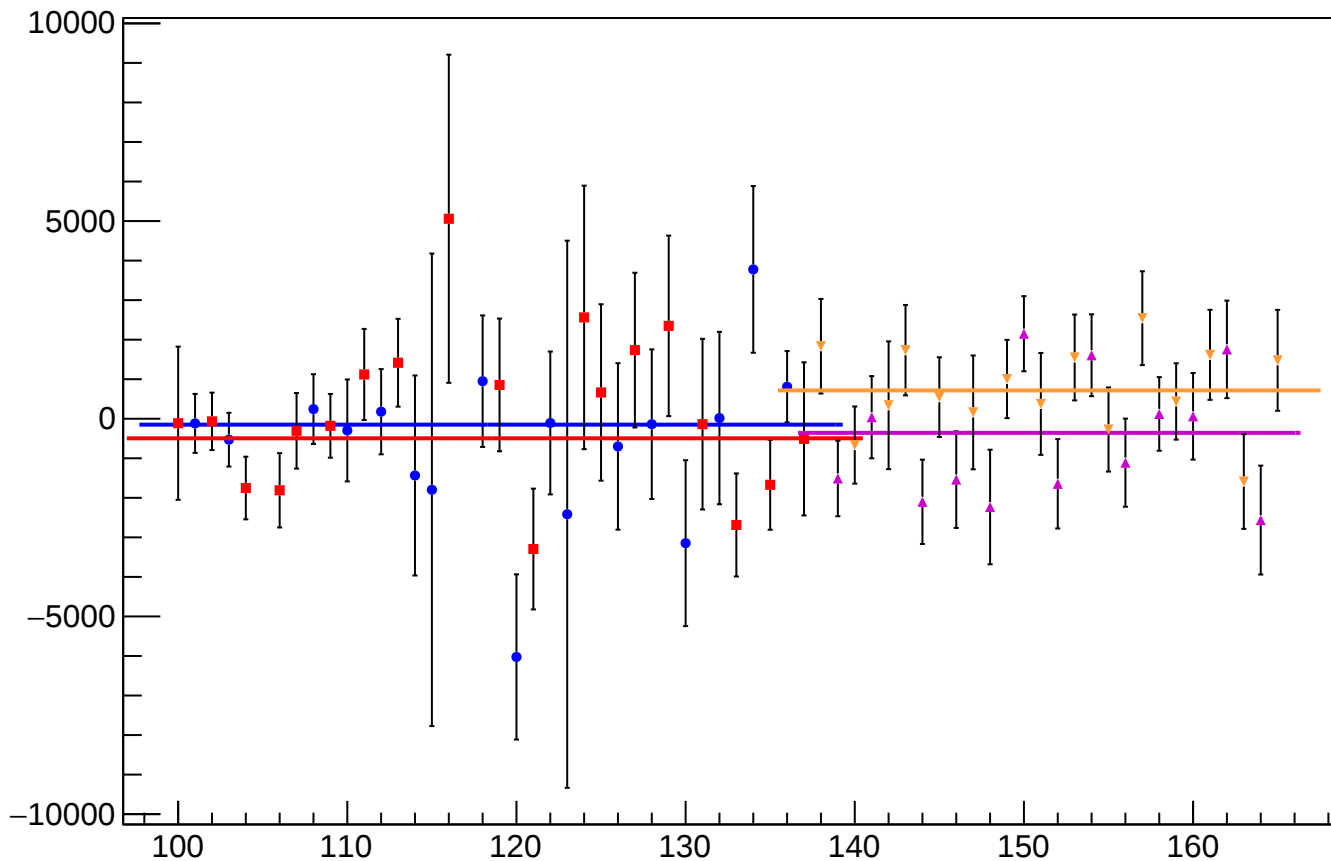
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 887.981 $\pm$ 0.157 χ^2 /NDF: 2254365.2/29

Out: 854.309 $\pm$ 0.147 χ^2 /NDF: 2705888.8/33

All: 869.987 $\pm$ 0.107 χ^2 /NDF: 4984707.5/63

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 716.967+/-293.774 χ^2/NDF :12.7/14

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -356.544+/-303.586 χ^2/NDF :25.1/12

Left: 197.840+/-211.113 χ^2/NDF : 44.2/27

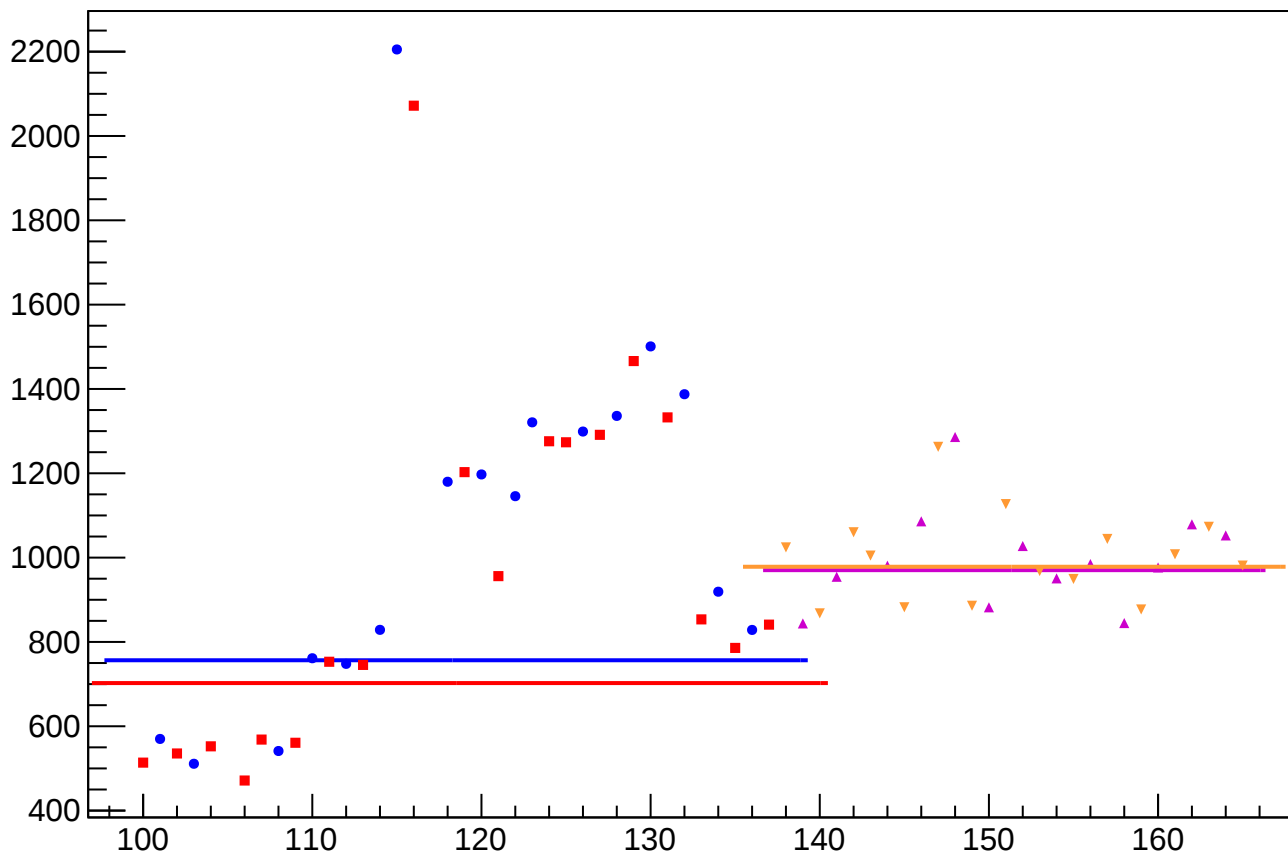
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -256.007+/-217.907 χ^2/NDF :41.5/29

Out: 87.831+/-203.709 χ^2/NDF :45.2/33

All: -72.522+/-148.811 χ^2/NDF : 88.0/63

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 978.330 $\pm$ 0.208 χ^2 /NDF: 218940.7/14

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 970.269 $\pm$ 0.215 χ^2 /NDF: 231162.0/12

Left: 974.432 $\pm$ 0.149 χ^2 /NDF: 450830.9/27

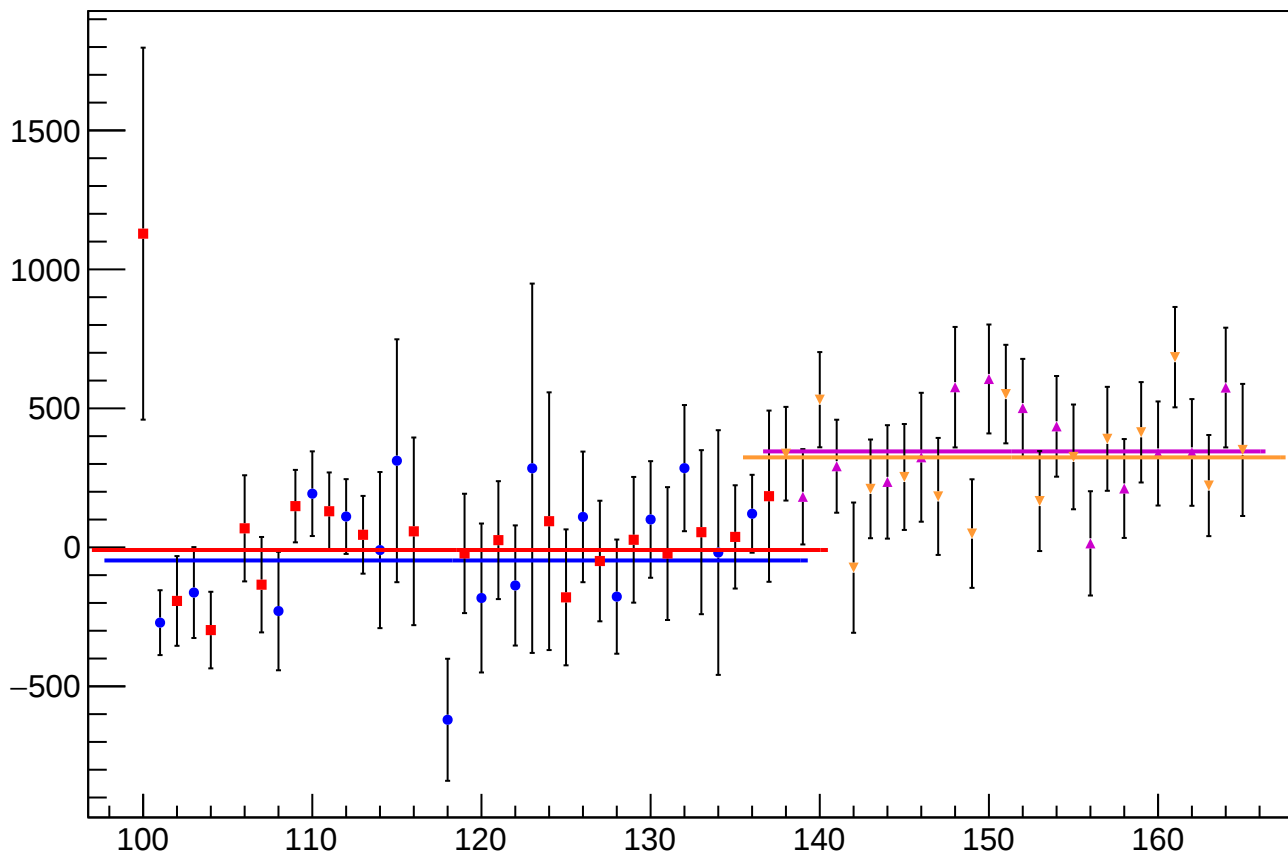
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 866.654 $\pm$ 0.154 χ^2 /NDF: 2425372.6/29

Out: 835.100 $\pm$ 0.144 χ^2 /NDF: 2824068.4/33

All: 849.815 $\pm$ 0.105 χ^2 /NDF: 5271820.3/63

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 323.716 ± 48.545 χ^2/NDF : 14.4/14

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 345.156 ± 52.751 χ^2/NDF : 10.0/12

Left: 333.547 ± 35.721 χ^2/NDF : 24.5/27

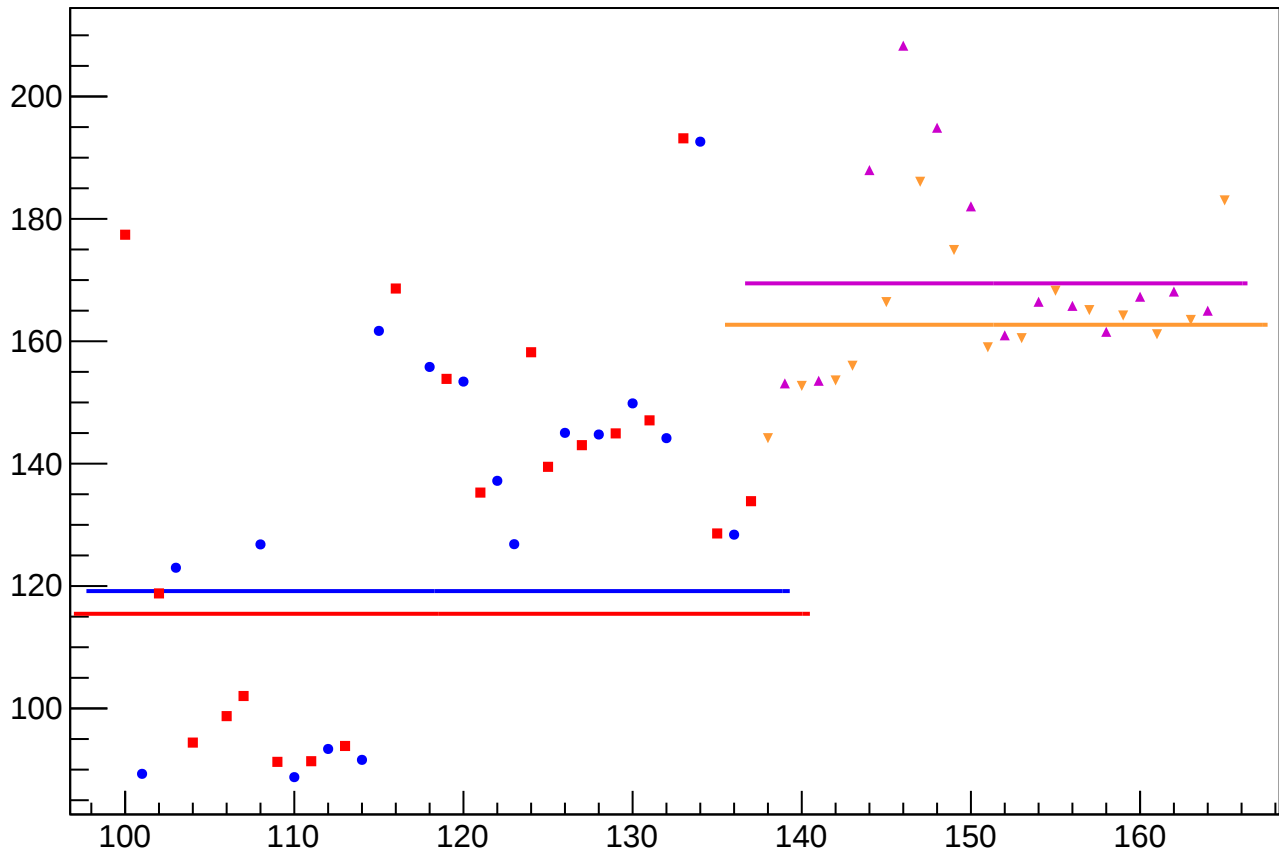
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: 127.559 ± 35.203 χ^2/NDF : 62.6/29

Out: 143.569 ± 32.902 χ^2/NDF : 52.9/33

All: 136.104 ± 24.038 χ^2/NDF : 115.6/63

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 162.699+/-0.034 χ^2/NDF : 88286.3/14

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 169.463+/-0.037 χ^2/NDF : 155736.5/12

Left: 165.800+/-0.025 χ^2/NDF : 261827.4/27

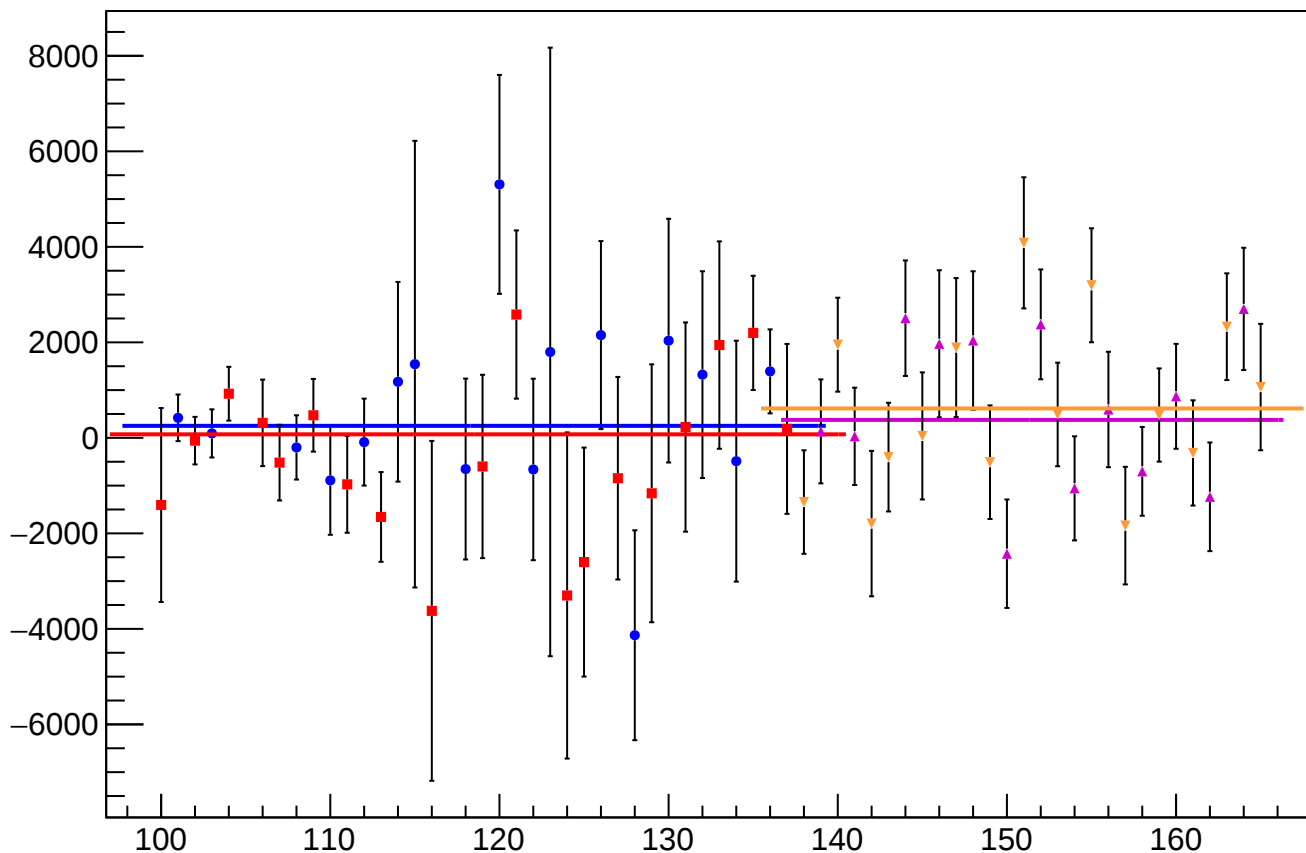
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 141.571+/-0.025 χ^2/NDF : 1779137.7/29

Out: 137.164+/-0.023 χ^2/NDF : 1804655.9/33

All: 139.218+/-0.017 χ^2/NDF : 3600522.4/63

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 616.172 $\pm$ 304.019 χ^2 /NDF:28.5/14

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 376.246 $\pm$ 319.226 χ^2 /NDF:23.4/12

Left: 502.060 $\pm$ 220.154 χ^2 /NDF: 52.2/27

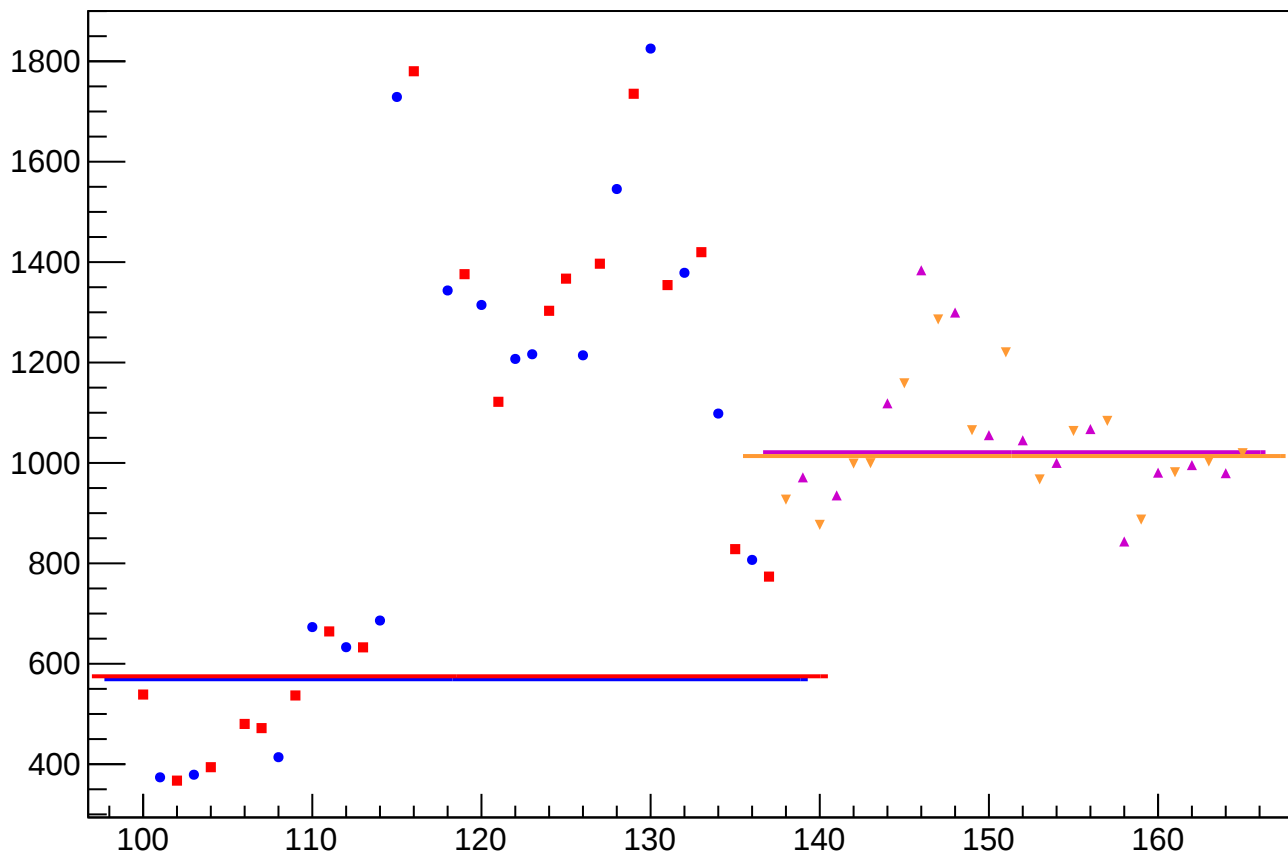
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 299.727 $\pm$ 198.192 χ^2 /NDF:38.3/29

Out: 286.453 $\pm$ 190.277 χ^2 /NDF:48.4/33

All: 292.820 $\pm$ 137.259 χ^2 /NDF: 86.8/63

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1013.726 $\pm$ 0.215 χ^2 /NDF: 243944.5/14

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1021.350 $\pm$ 0.226 χ^2 /NDF: 301055.2/12

Left: 1017.352 $\pm$ 0.156 χ^2 /NDF: 545598.0/27

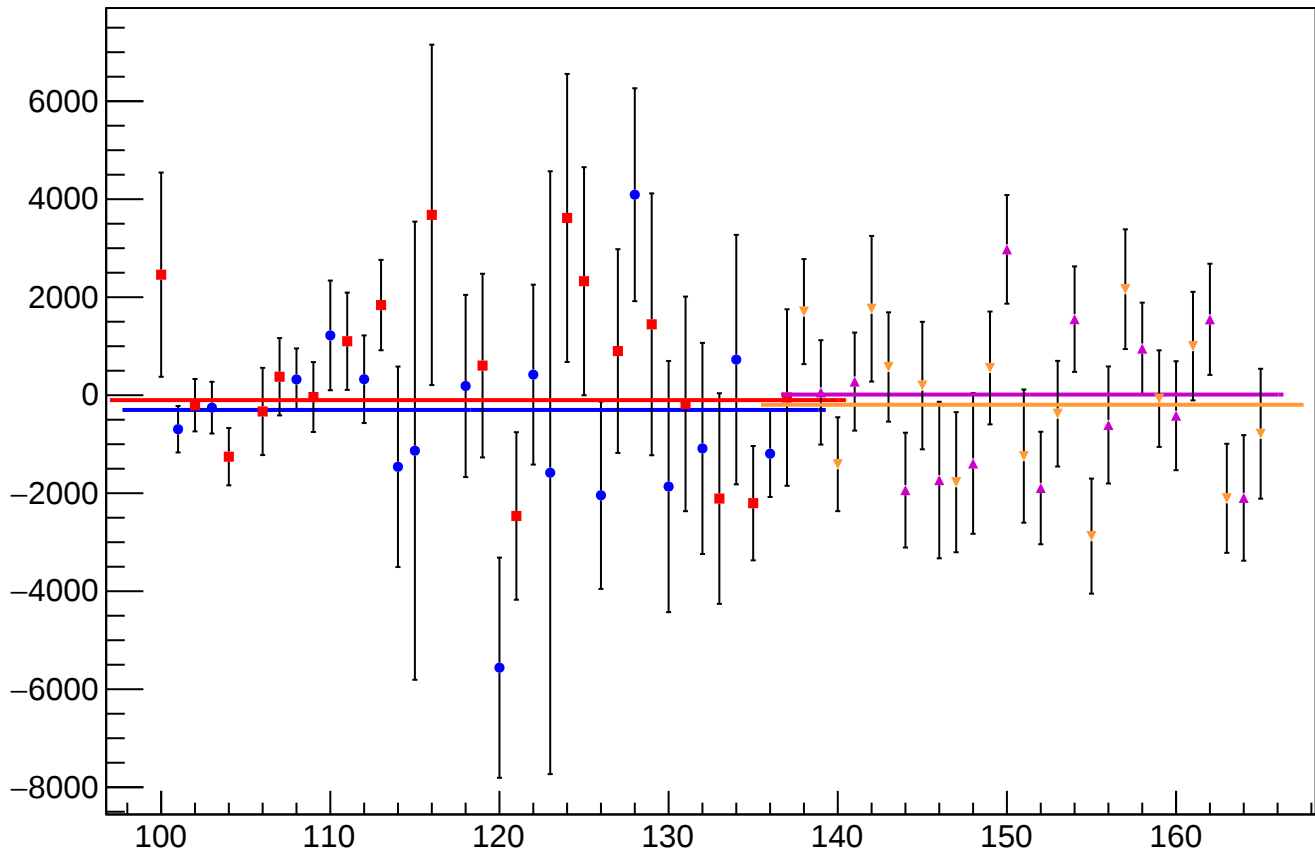
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 743.484 $\pm$ 0.140 χ^2 /NDF: 6033862.3/29

Out: 746.886 $\pm$ 0.135 χ^2 /NDF: 5835783.4/33

All: 745.255 $\pm$ 0.097 χ^2 /NDF: 11869952.5/63

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -194.373 ± 300.563 $\chi^2/\text{NDF}: 22.6/14$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: 13.399 ± 316.917 $\chi^2/\text{NDF}: 22.9/12$

Left: -95.986 ± 218.083 $\chi^2/\text{NDF}: 45.7/27$

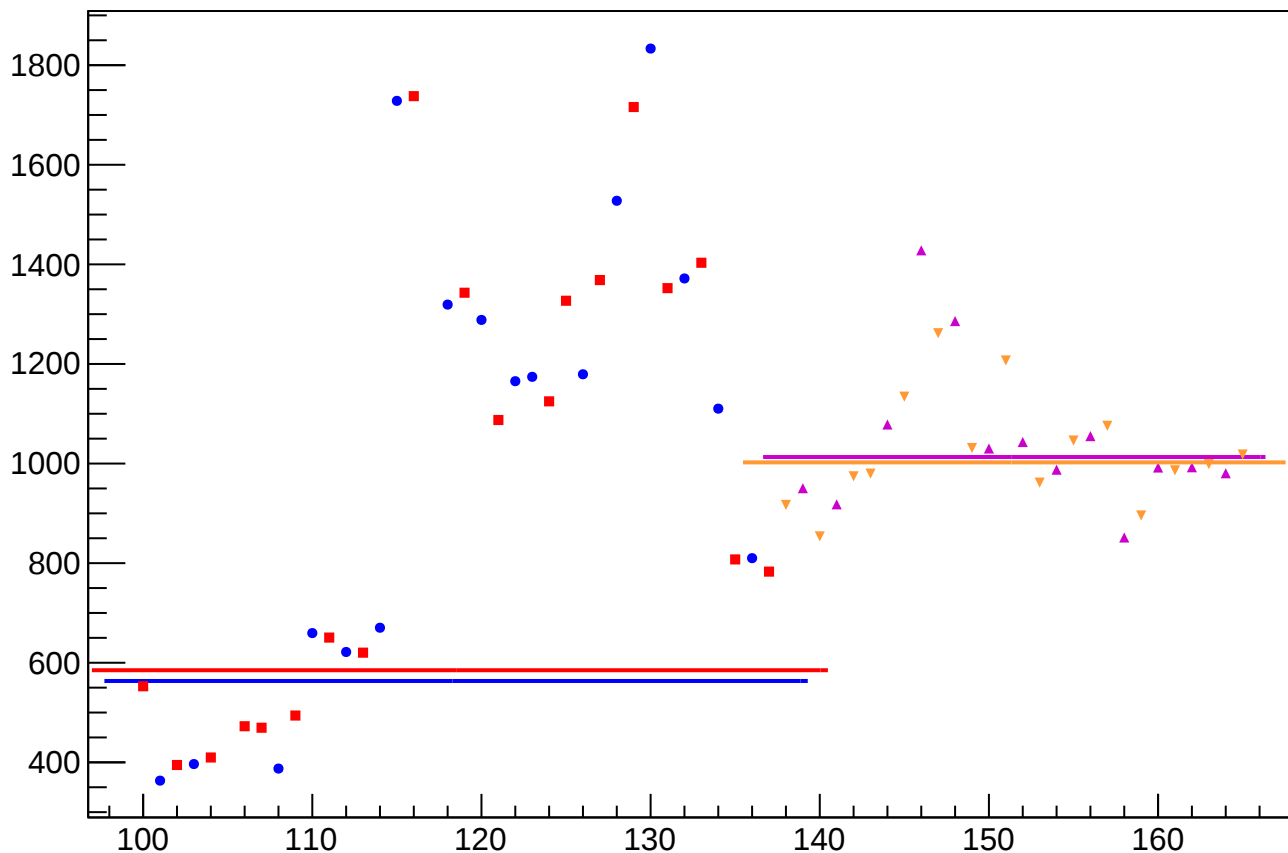
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -180.007 ± 196.426 $\chi^2/\text{NDF}: 40.2/29$

Out: -137.819 ± 190.349 $\chi^2/\text{NDF}: 45.0/33$

All: -158.250 ± 136.695 $\chi^2/\text{NDF}: 85.3/63$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1002.360 $\pm$ 0.213 χ^2 /NDF:232360.9/14

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1013.181 $\pm$ 0.224 χ^2 /NDF:306029.2/12

Left: 1007.484 $\pm$ 0.154 χ^2 /NDF: 539617.6/27

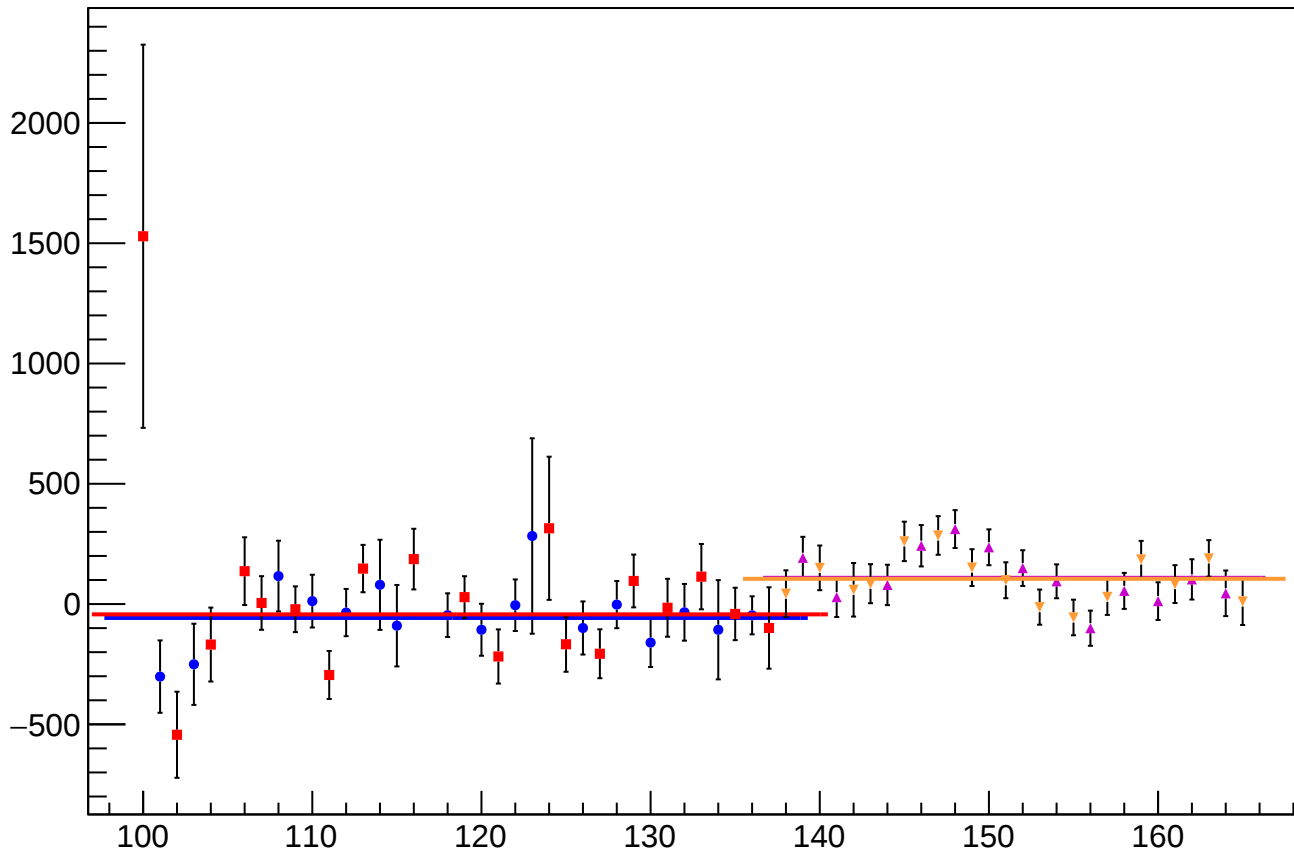
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 736.182 $\pm$ 0.139 χ^2 /NDF:6046058.9/29

Out: 752.384 $\pm$ 0.135 χ^2 /NDF:5360836.9/33

All: 744.538 $\pm$ 0.097 χ^2 /NDF: 11413913.0/63

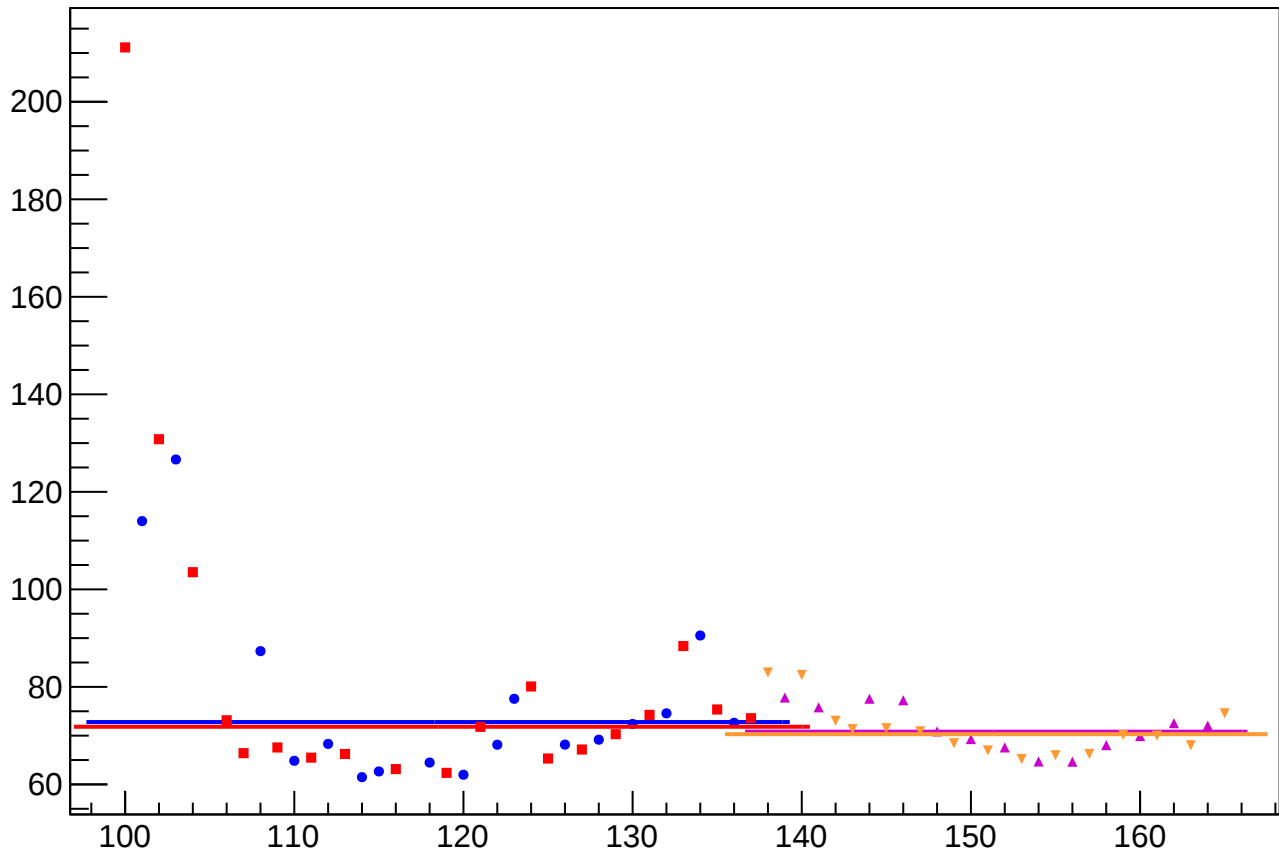
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16
Left Out: 105.031 ± 21.012 χ^2/NDF : 21.6/14
Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18
Left In: 109.142 ± 22.026 χ^2/NDF : 25.0/12

Left: 106.990 ± 15.204 χ^2/NDF : 46.6/27
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35
In: 47.277 ± 17.472 χ^2/NDF : 55.4/29
Out: 51.026 ± 16.739 χ^2/NDF : 78.7/33
All: 49.232 ± 12.087 χ^2/NDF : 134.1/63

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 70.301 ± 0.015 $\chi^2/\text{NDF}: 103431.3/14$

Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$

Left In: 70.815 ± 0.016 $\chi^2/\text{NDF}: 82425.3/12$

Left: 70.546 ± 0.011 $\chi^2/\text{NDF}: 186425.2/27$

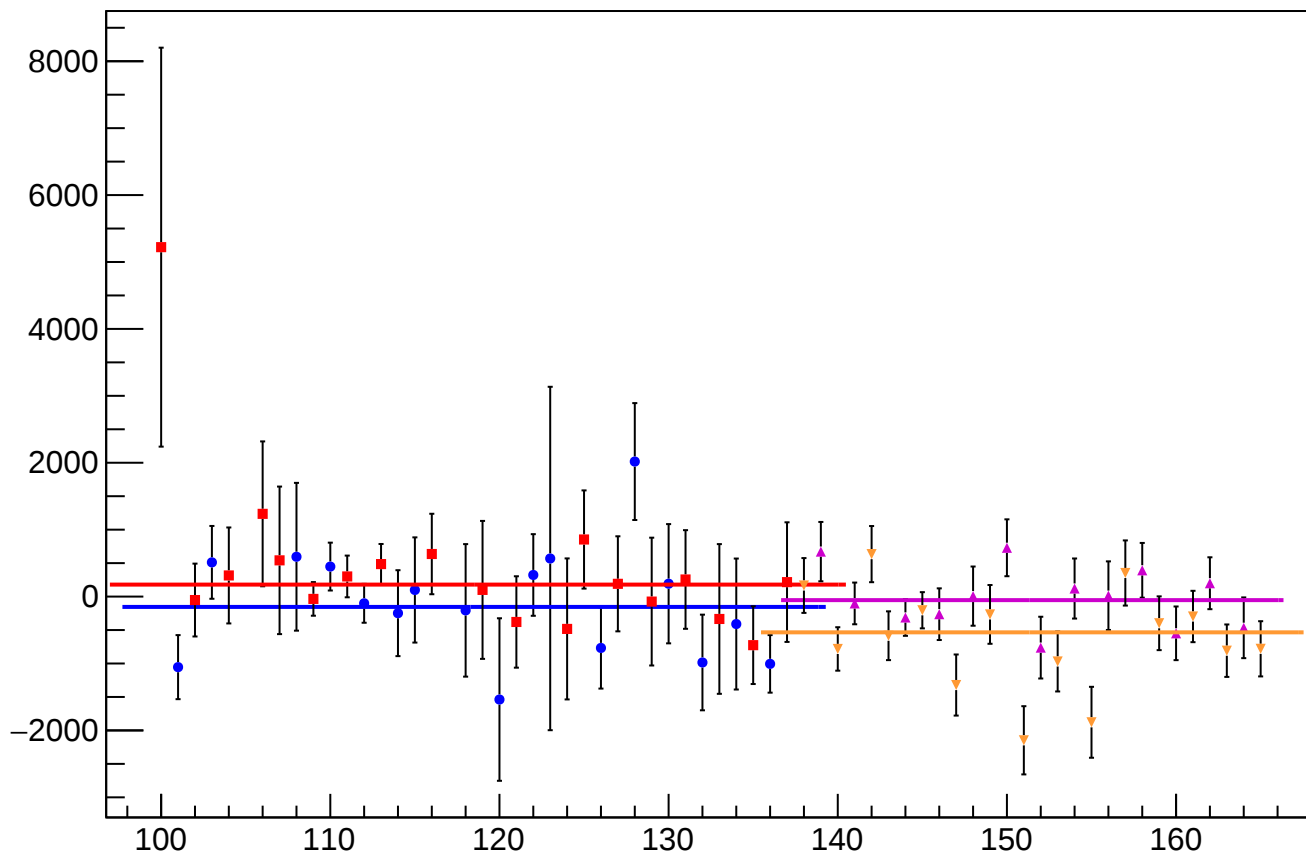
Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$

In: 71.547 ± 0.012 $\chi^2/\text{NDF}: 553161.9/29$

Out: 70.858 ± 0.012 $\chi^2/\text{NDF}: 572922.1/33$

All: 71.187 ± 0.009 $\chi^2/\text{NDF}: 1127707.7/63$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -534.396+/-102.983 χ^2/NDF :38.2/14

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -53.020+/-109.632 χ^2/NDF :13.8/12

Left: -308.747+/-75.060 χ^2/NDF : 62.2/27

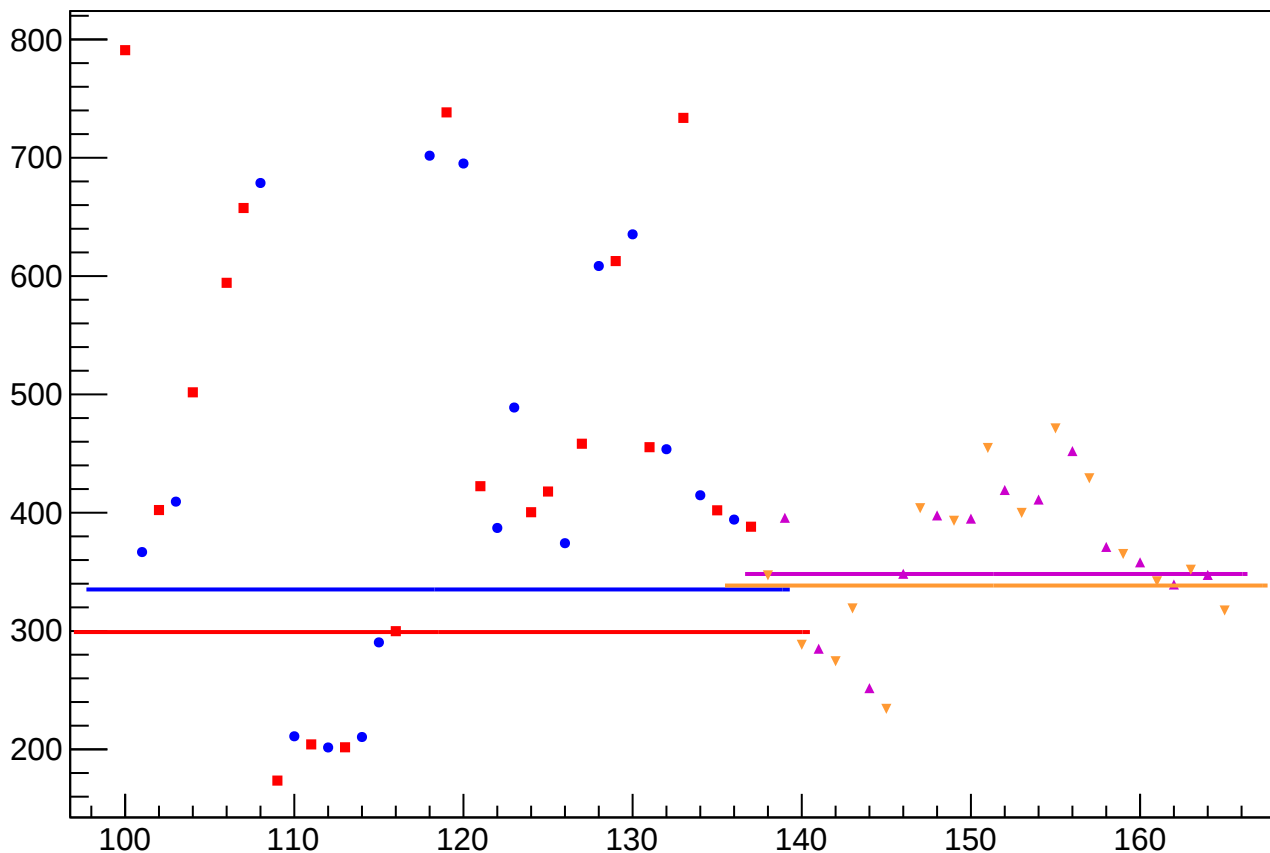
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -91.320+/-86.479 χ^2/NDF :37.3/29

Out: -248.955+/-79.765 χ^2/NDF :68.7/33

All: -176.493+/-58.632 χ^2/NDF : 107.7/63

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.461+/-0.073 χ^2/NDF : 822612.2/14

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 348.215+/-0.078 χ^2/NDF : 579018.9/12

Left: 343.033+/-0.053 χ^2/NDF : 1410040.7/27

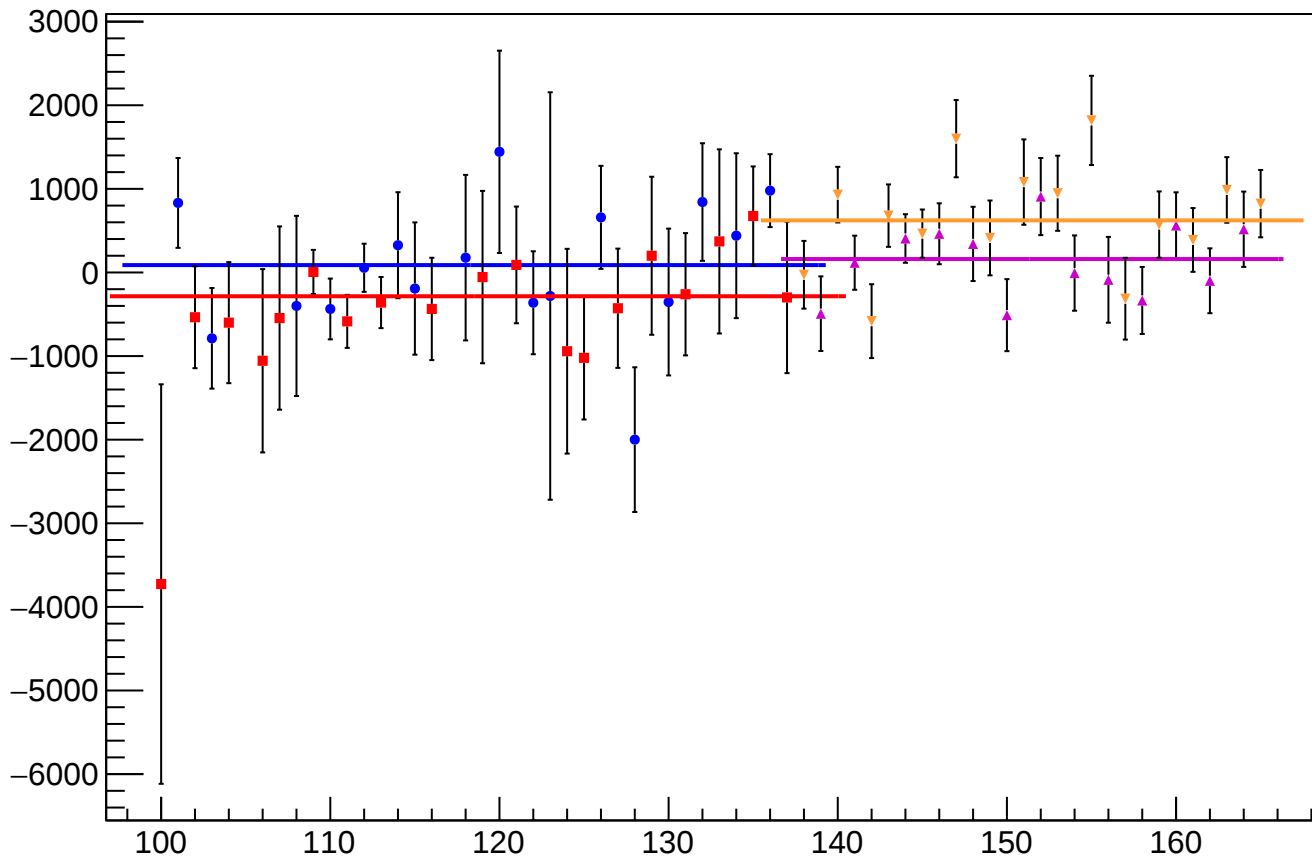
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 343.273+/-0.061 χ^2/NDF : 2583819.8/29

Out: 322.728+/-0.056 χ^2/NDF : 3770384.5/33

All: 332.172+/-0.041 χ^2/NDF : 6415199.8/63

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 χ^2/NDF : 20.8/16

Left Out: 623.004 ± 104.534 χ^2/NDF : 27.4/14

Right Out: -284.510 ± 129.675 χ^2/NDF : 10.1/18

Left In: 160.761 ± 110.458 χ^2/NDF : 12.8/12

Left: 404.610 ± 75.924 χ^2/NDF : 49.4/27

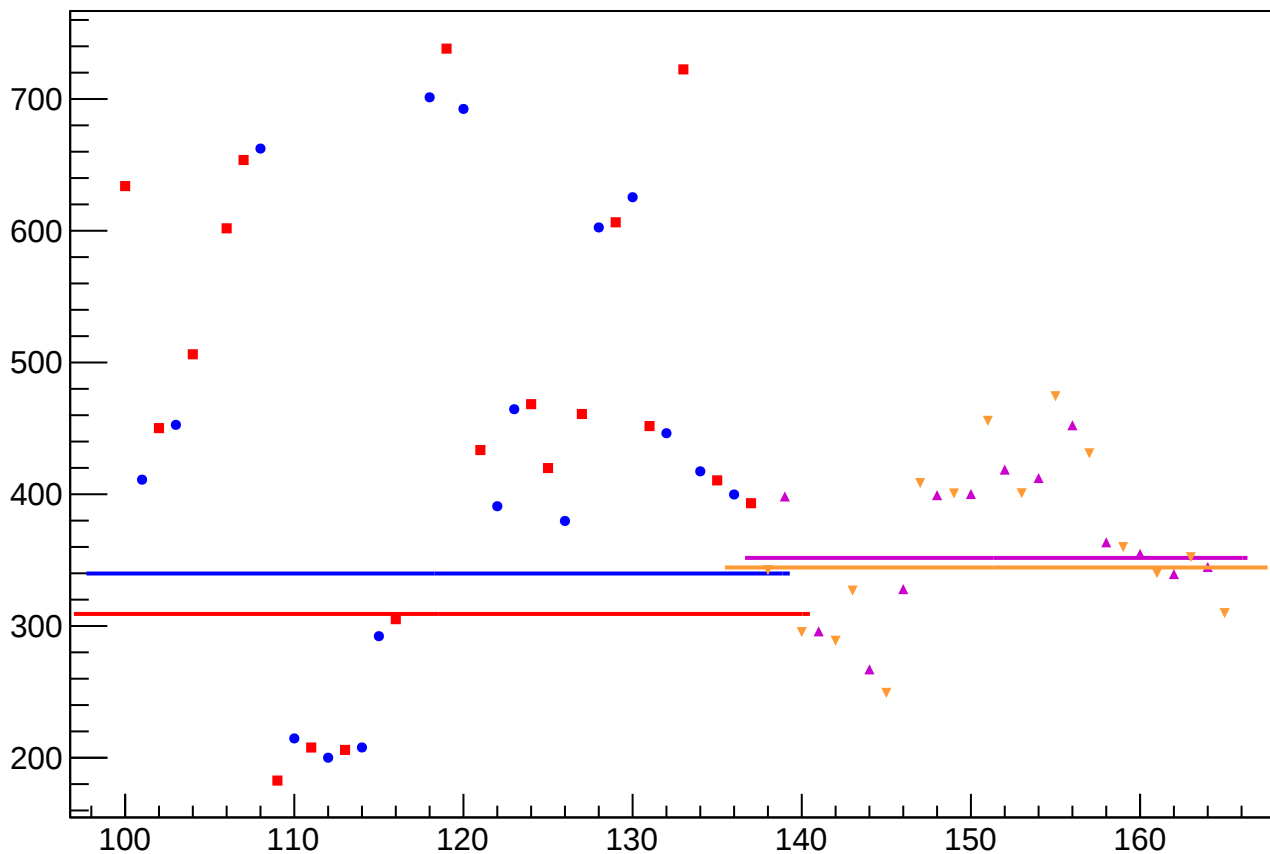
Right: -116.387 ± 96.066 χ^2/NDF : 34.7/35

In: 133.619 ± 87.420 χ^2/NDF : 33.7/29

Out: 265.554 ± 81.383 χ^2/NDF : 67.2/33

All: 204.299 ± 59.567 χ^2/NDF : 102.2/63

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 344.419 +/- 0.074 χ^2/NDF : 694361.7/14

Right Out: 309.158 +/- 0.092 χ^2/NDF : 2735887.4/18

Left In: 351.694 +/- 0.078 χ^2/NDF : 467310.3/12

Left: 347.856 +/- 0.054 χ^2/NDF : 1166248.4/27

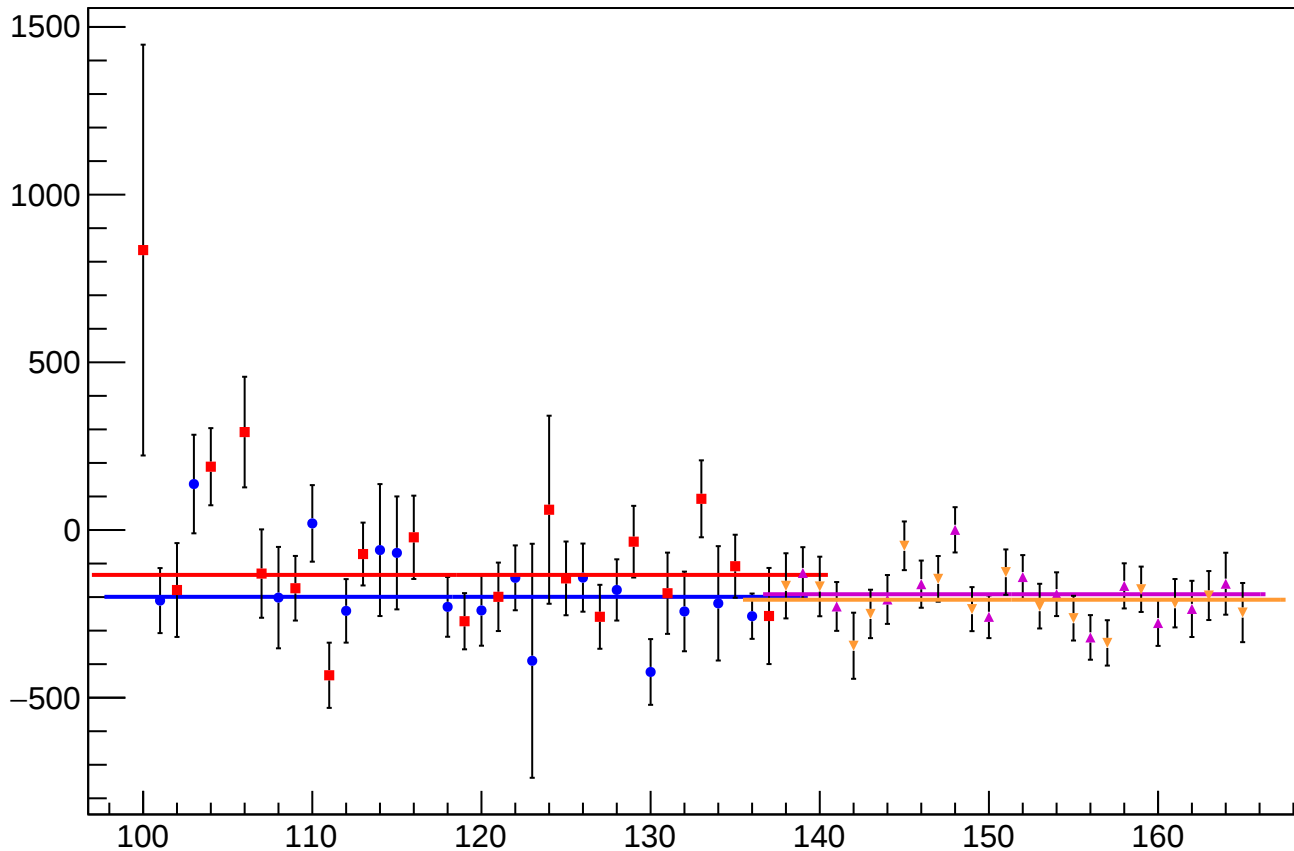
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 347.269 +/- 0.062 χ^2/NDF : 2519424.6/29

Out: 330.531 +/- 0.058 χ^2/NDF : 3519880.5/33

All: 338.302 +/- 0.042 χ^2/NDF : 6078582.5/63

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -207.894 ± 18.969 $\chi^2/\text{NDF}: 14.9/14$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -191.502 ± 19.592 $\chi^2/\text{NDF}: 16.8/12$

Left: -199.962 ± 13.628 $\chi^2/\text{NDF}: 32.1/27$

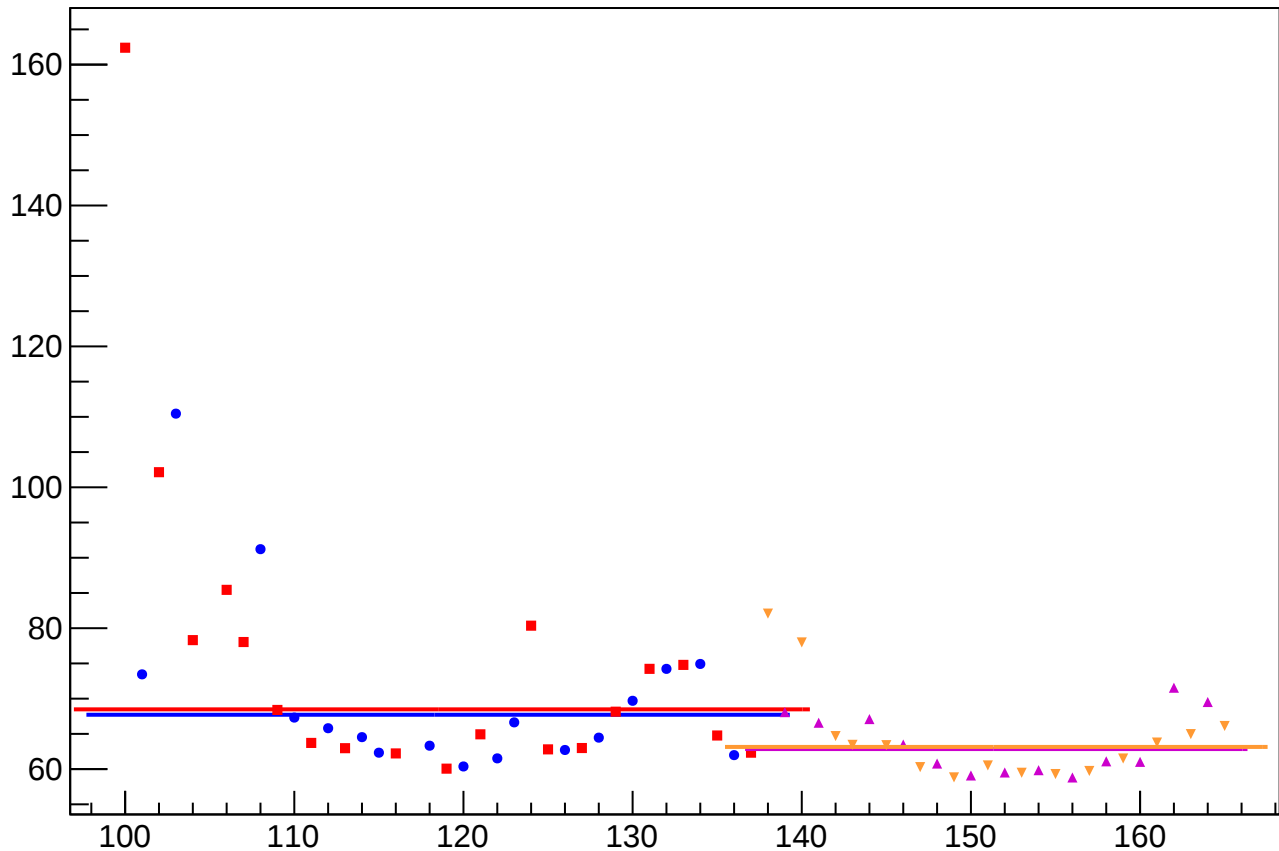
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -194.239 ± 15.757 $\chi^2/\text{NDF}: 34.5/29$

Out: -182.463 ± 15.370 $\chi^2/\text{NDF}: 59.3/33$

All: -188.205 ± 11.003 $\chi^2/\text{NDF}: 94.1/63$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.148 $\pm$ 0.013 χ^2 /NDF: 170167.3/14

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 62.846 $\pm$ 0.014 χ^2 /NDF: 81919.5/12

Left: 63.002 $\pm$ 0.010 χ^2 /NDF: 252332.3/27

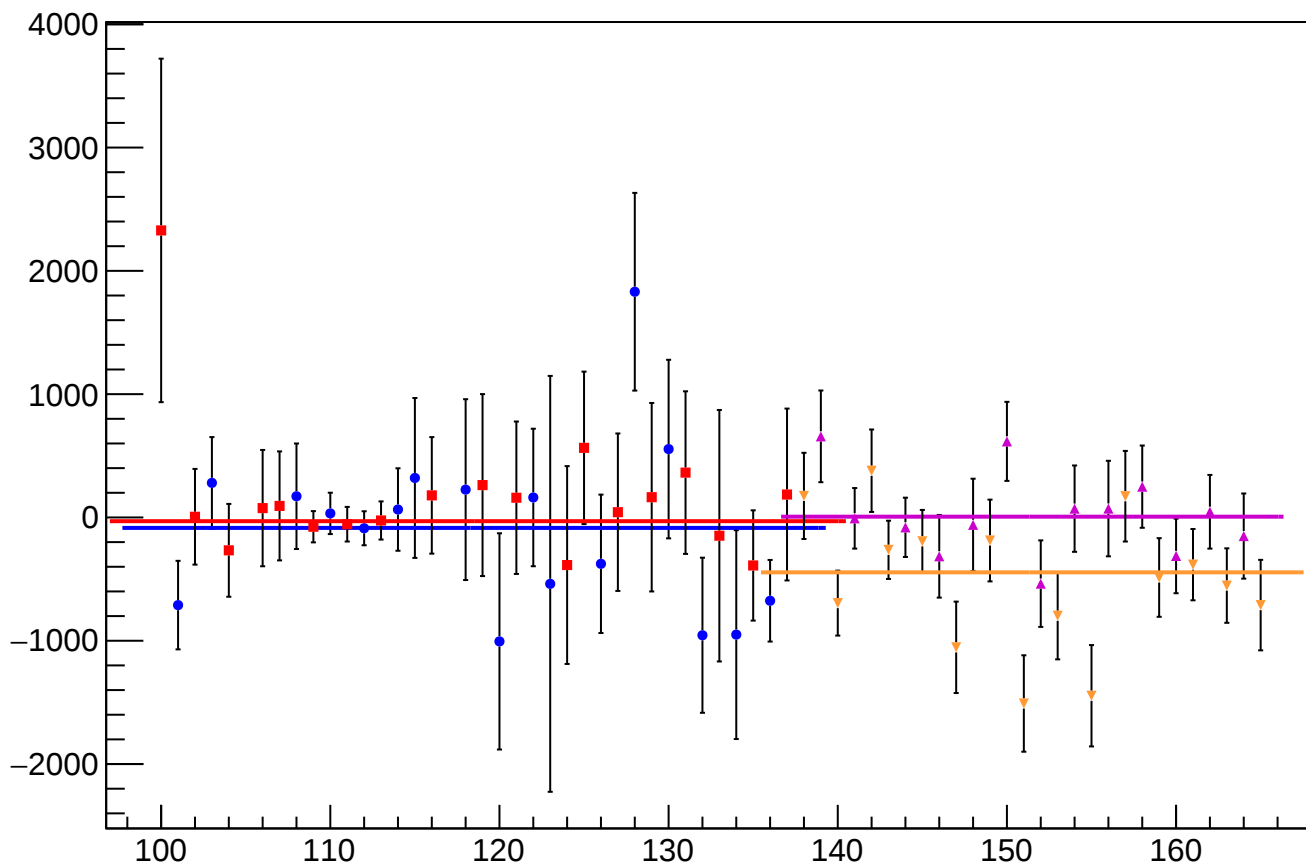
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.565 $\pm$ 0.011 χ^2 /NDF: 408449.2/29

Out: 64.979 $\pm$ 0.011 χ^2 /NDF: 505883.7/33

All: 64.778 $\pm$ 0.008 χ^2 /NDF: 915040.2/63

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -445.139 ± 81.838 χ^2/NDF : 32.9/14

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 6.330 ± 87.930 χ^2/NDF : 12.1/12

Left: -235.586 ± 59.906 χ^2/NDF : 59.1/27

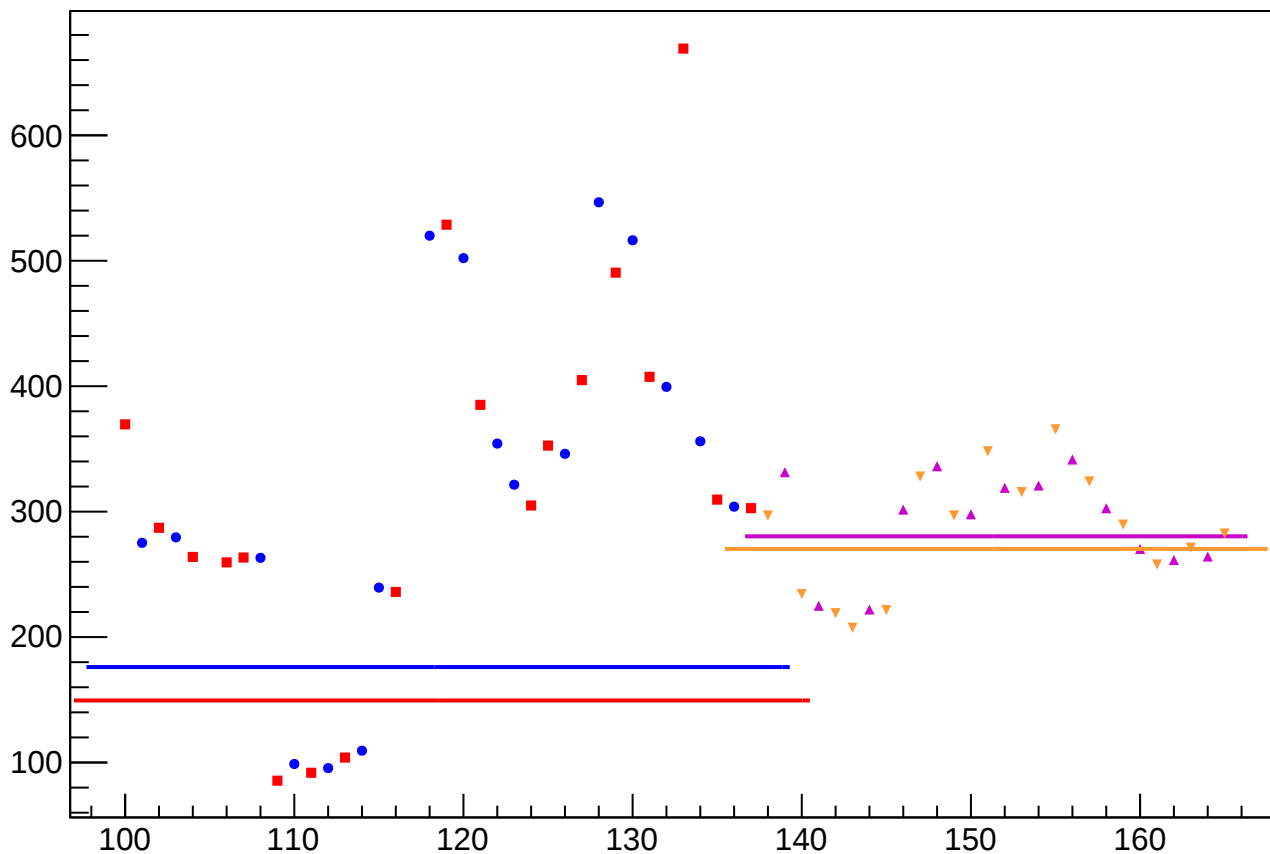
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -42.022 ± 60.229 χ^2/NDF : 32.6/29

Out: -204.549 ± 53.047 χ^2/NDF : 54.1/33

All: -133.550 ± 39.808 χ^2/NDF : 90.8/63

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 270.311 $\pm$ 0.058 χ^2 /NDF: 648082.8/14

Right Out: 149.484 $\pm$ 0.049 χ^2 /NDF: 4820971.0/18

Left In: 280.333 $\pm$ 0.062 χ^2 /NDF: 440437.5/12

Left: 274.962 $\pm$ 0.042 χ^2 /NDF: 1102442.6/27

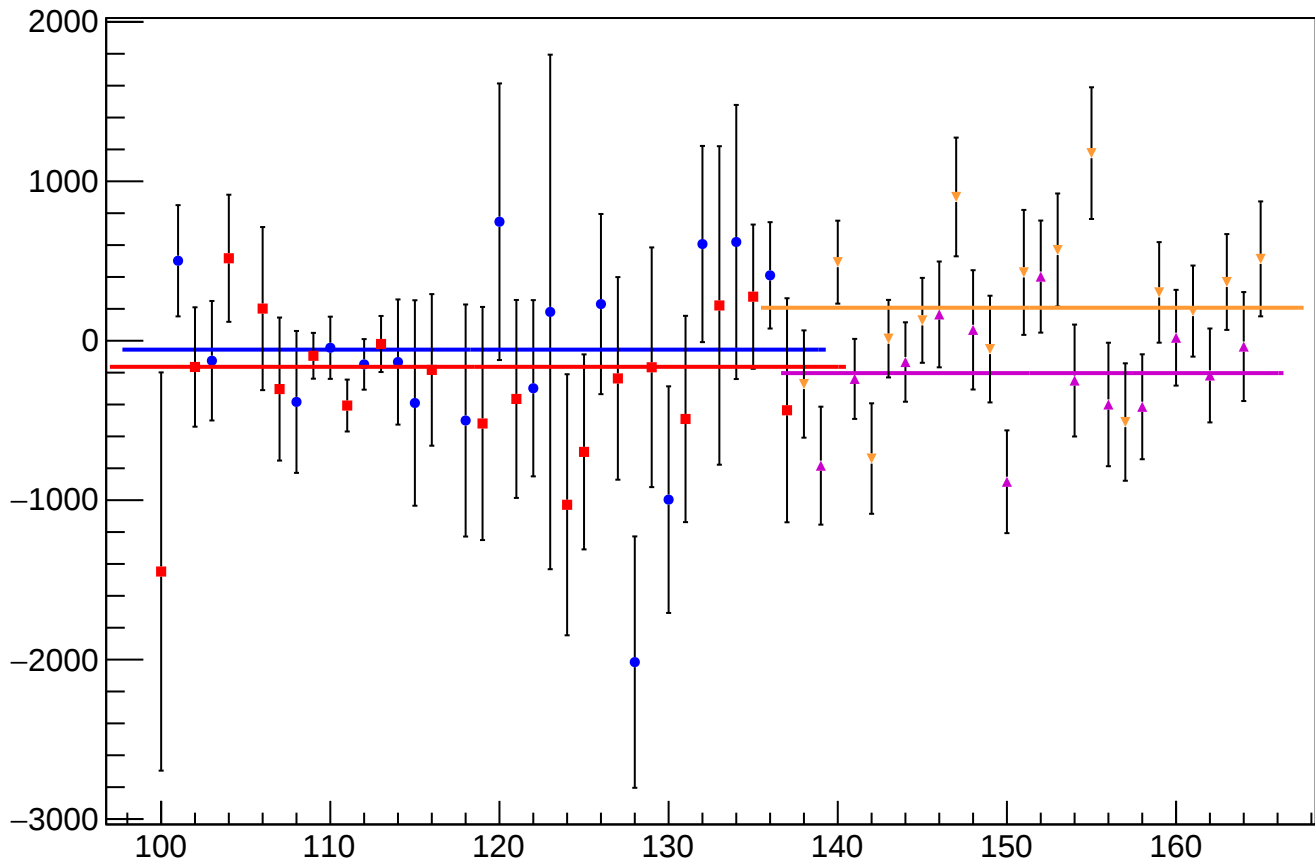
Right: 160.534 $\pm$ 0.038 χ^2 /NDF: 9165825.3/35

In: 225.002 $\pm$ 0.043 χ^2 /NDF: 6155986.9/29

Out: 200.250 $\pm$ 0.038 χ^2 /NDF: 7996981.6/33

All: 211.062 $\pm$ 0.028 χ^2 /NDF: 14343199.5/63

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 207.026 ± 82.236 χ^2/NDF : 27.3/14

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -202.998 ± 88.236 χ^2/NDF : 13.2/12

Left: 16.428 ± 60.159 χ^2/NDF : 52.1/27

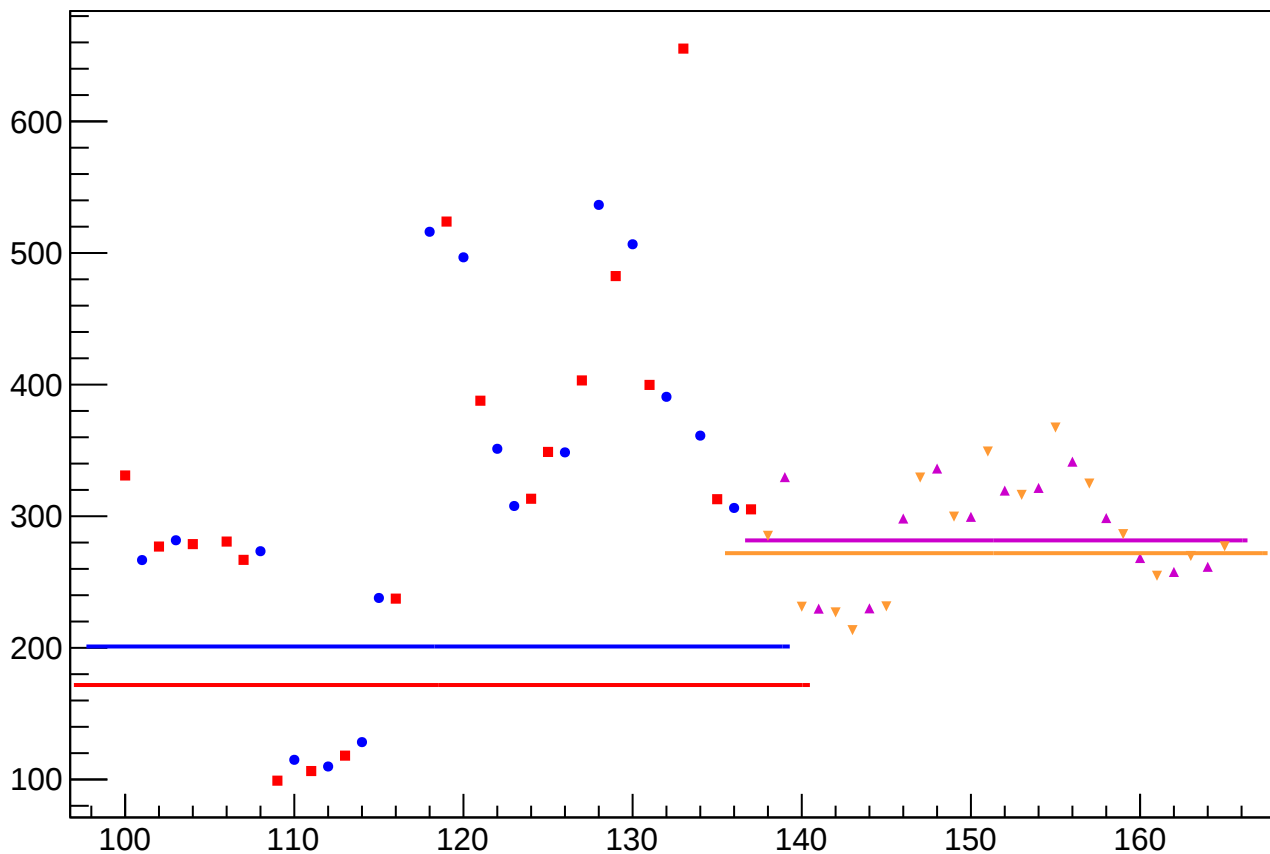
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -131.285 ± 63.202 χ^2/NDF : 31.7/29

Out: 9.381 ± 56.178 χ^2/NDF : 49.5/33

All: -52.704 ± 41.989 χ^2/NDF : 84.0/63

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.940 $\pm$ 0.058 χ^2/NDF : 577737.4/14

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 281.643 $\pm$ 0.062 χ^2/NDF : 384929.8/12

Left: 276.450 $\pm$ 0.043 χ^2/NDF : 975609.9/27

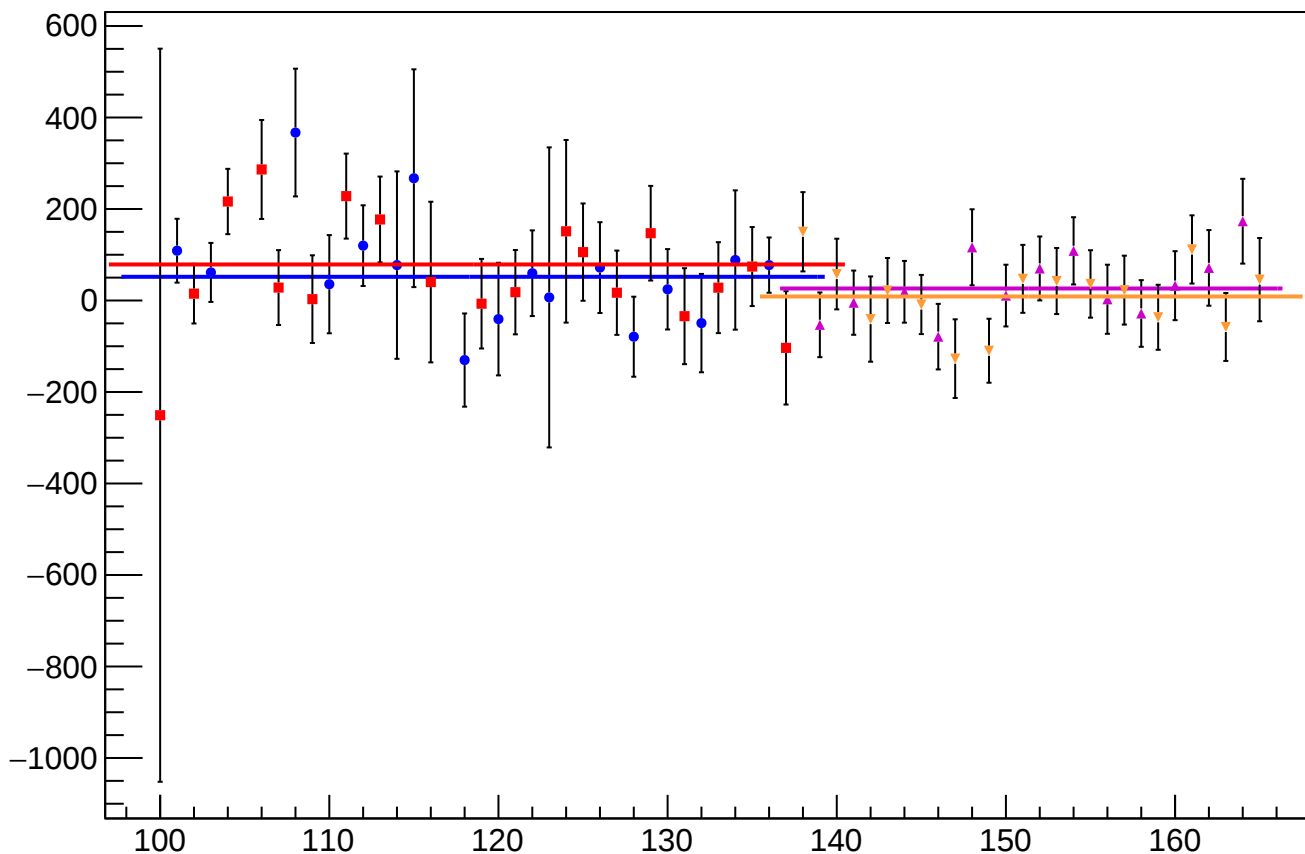
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 242.393 $\pm$ 0.045 χ^2/NDF : 4630696.0/29

Out: 218.514 $\pm$ 0.040 χ^2/NDF : 6258719.8/33

All: 229.053 $\pm$ 0.030 χ^2/NDF : 11048894.3/63

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 8.762 $\pm$ 19.586 χ^2 /NDF:12.8/14

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 26.238 $\pm$ 20.525 χ^2 /NDF:10.0/12

Left: 17.091 $\pm$ 14.169 χ^2 /NDF: 23.1/27

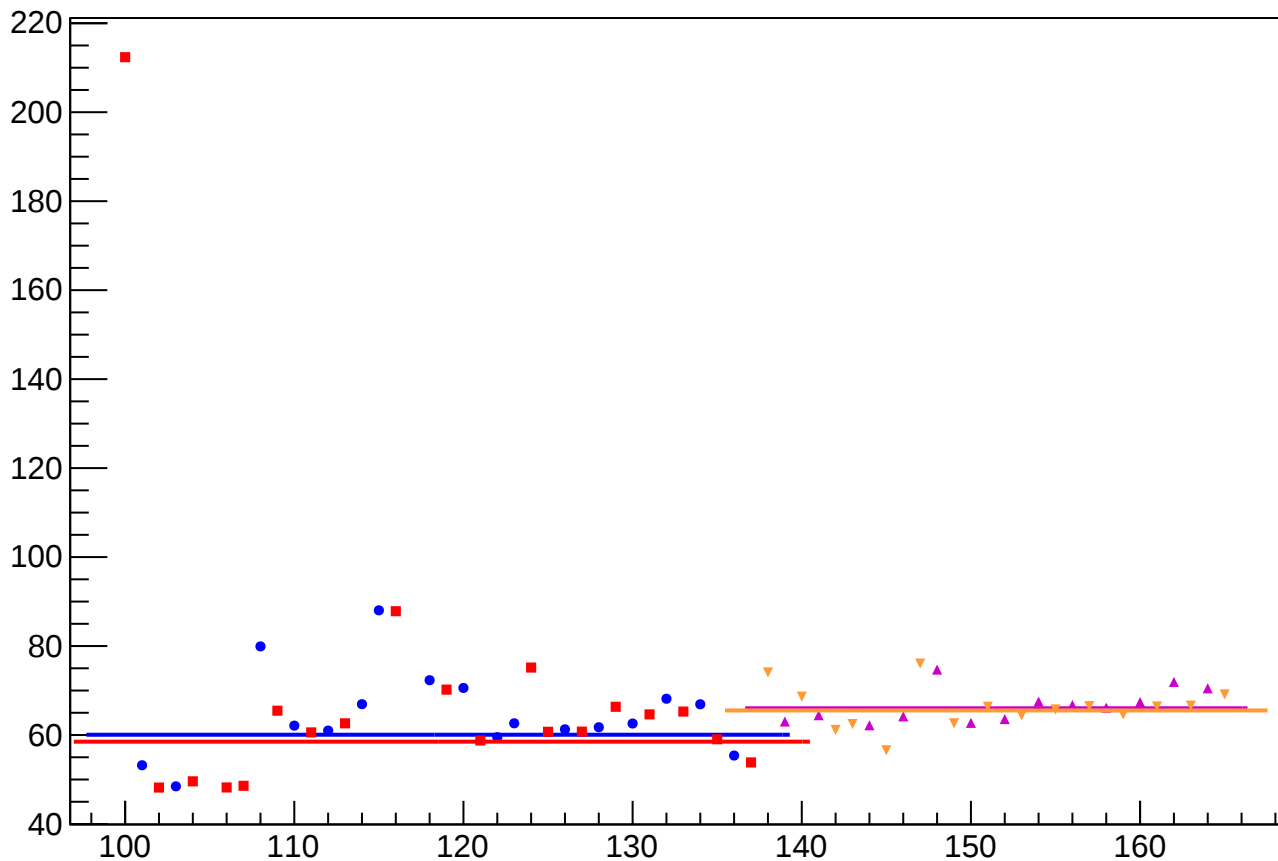
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 37.279 $\pm$ 15.469 χ^2 /NDF:25.2/29

Out: 38.947 $\pm$ 14.770 χ^2 /NDF:37.4/33

All: 38.151 $\pm$ 10.683 χ^2 /NDF: 62.6/63

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: 65.525 $\pm$ 0.014 χ^2 /NDF:107901.3/14

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 66.016 $\pm$ 0.015 χ^2 /NDF:57925.7/12

Left: 65.759 $\pm$ 0.010 χ^2 /NDF: 166427.5/27

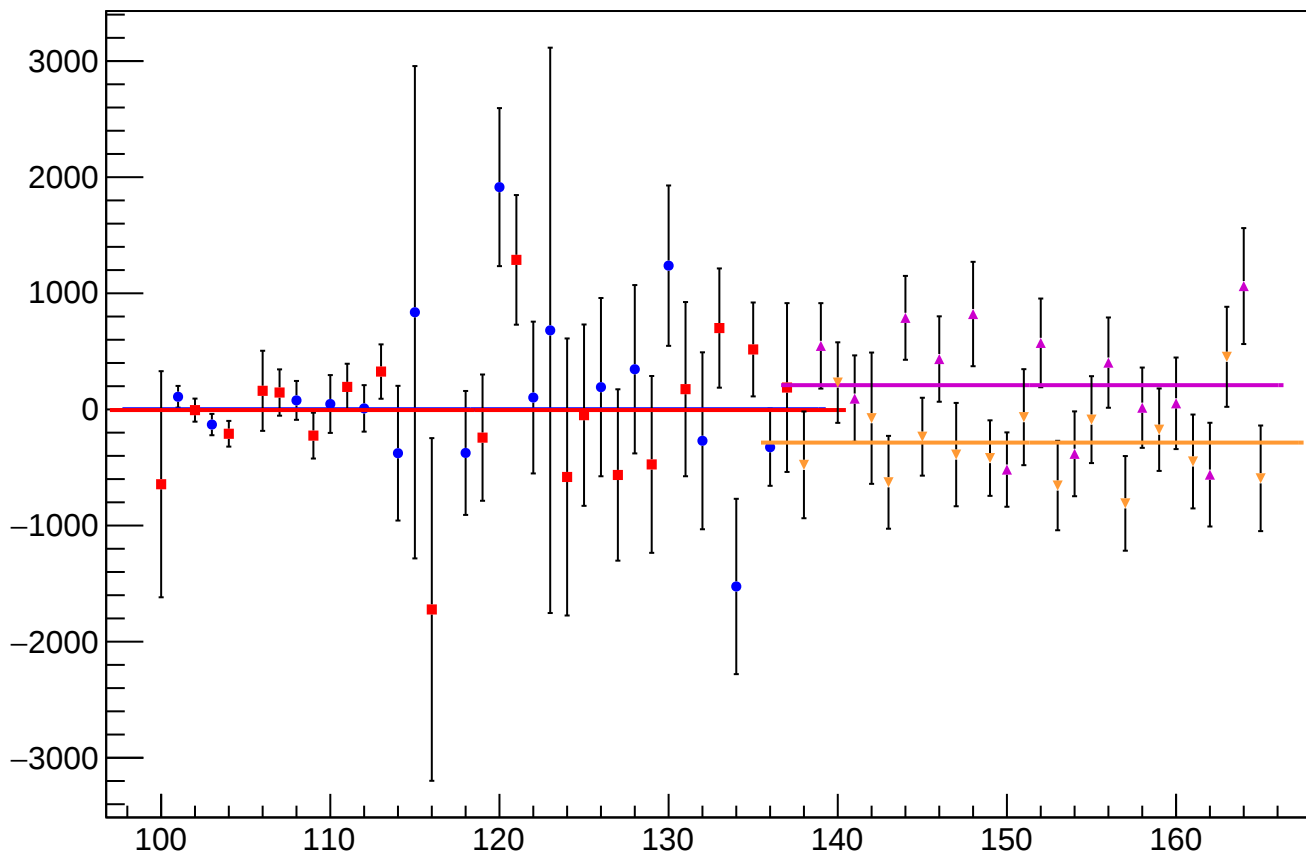
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 63.446 $\pm$ 0.011 χ^2 /NDF:359647.2/29

Out: 62.499 $\pm$ 0.010 χ^2 /NDF:567427.2/33

All: 62.950 $\pm$ 0.008 χ^2 /NDF: 930998.4/63

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -285.632 ± 102.140 $\chi^2/\text{NDF}: 10.3/14$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 208.918 ± 105.916 $\chi^2/\text{NDF}: 21.0/12$

Left: -47.330 ± 73.523 $\chi^2/\text{NDF}: 42.6/27$

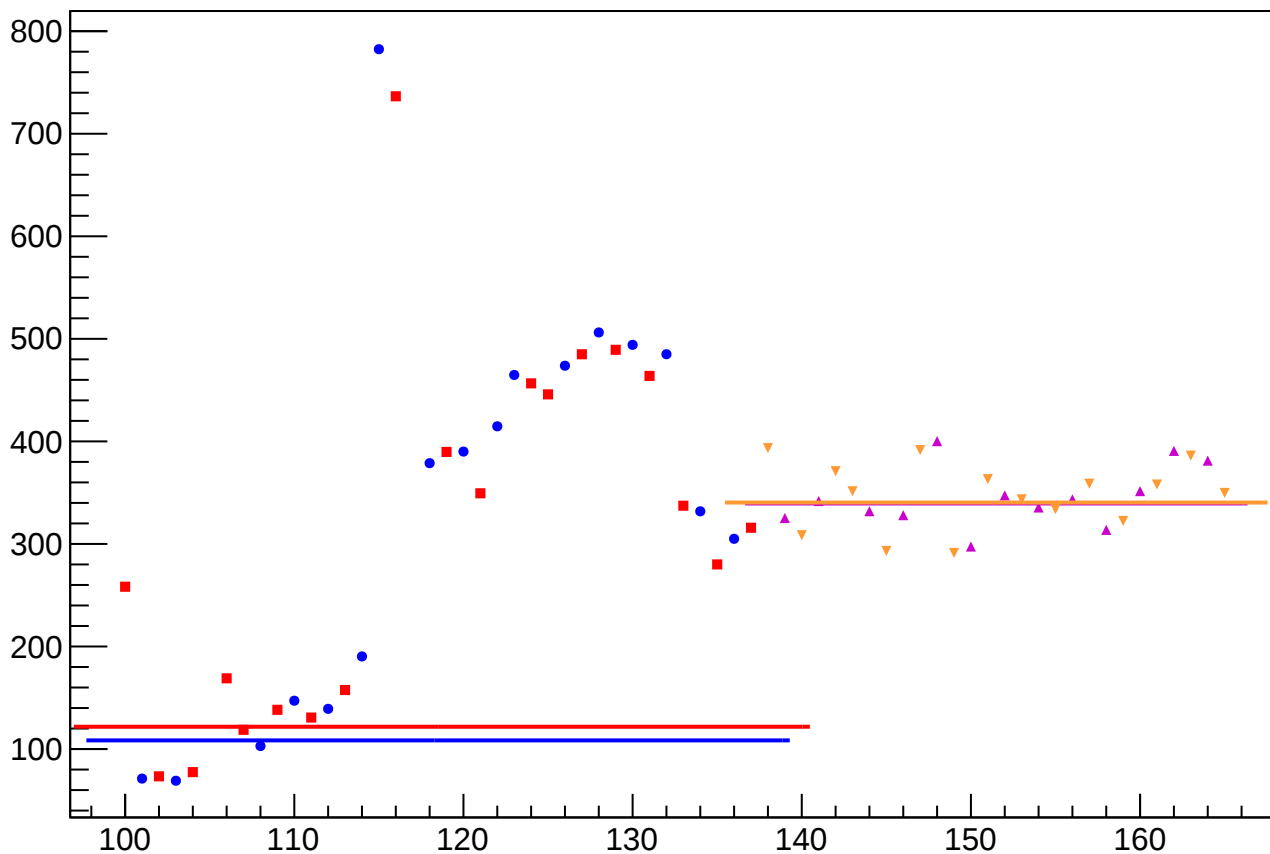
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 44.713 ± 48.309 $\chi^2/\text{NDF}: 45.5/29$

Out: -71.087 ± 49.451 $\chi^2/\text{NDF}: 36.7/33$

All: -11.834 ± 34.556 $\chi^2/\text{NDF}: 85.0/63$

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: 340.383 $\pm$ 0.072 χ^2 /NDF: 205788.3/14

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 339.466 $\pm$ 0.075 χ^2 /NDF: 131402.4/12

Left: 339.941 $\pm$ 0.052 χ^2 /NDF: 337268.3/27

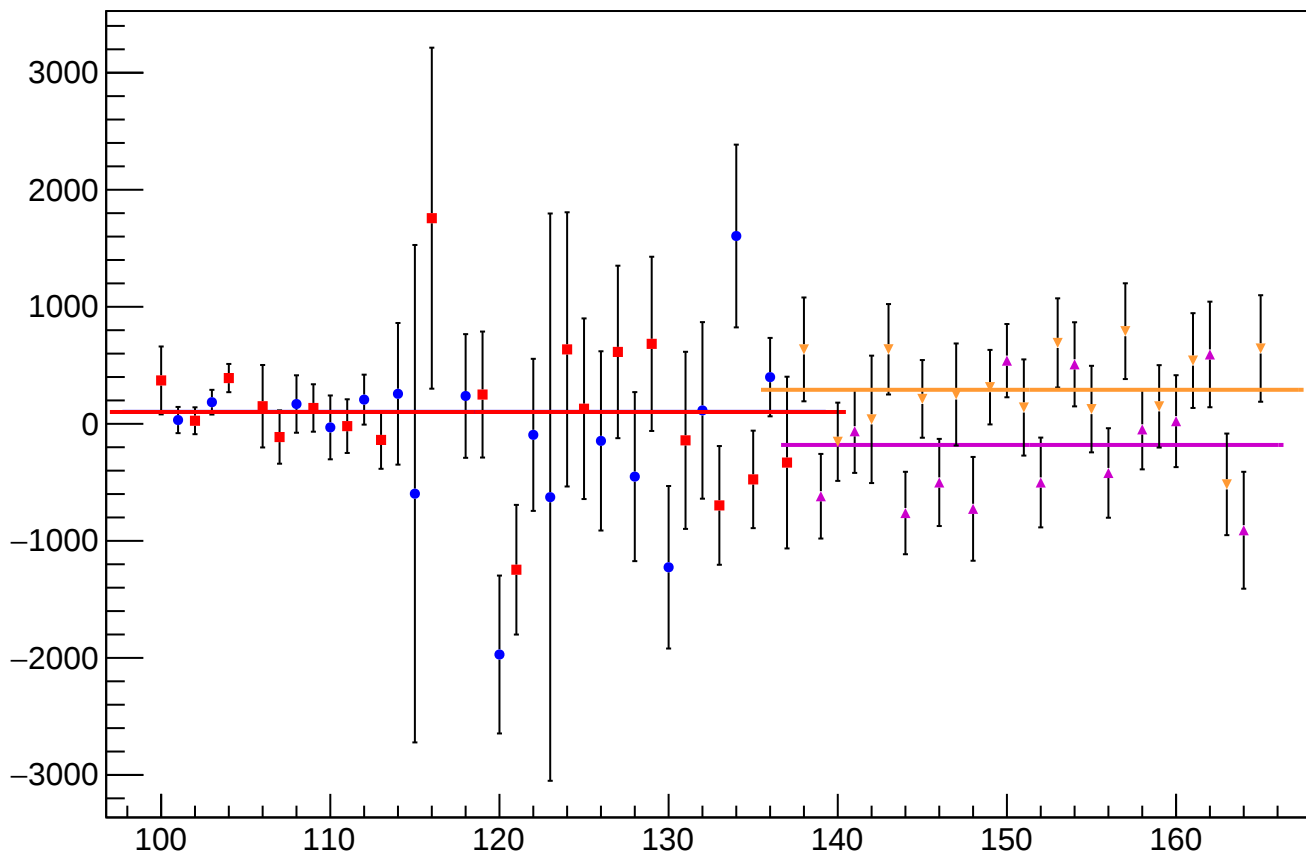
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 156.504 $\pm$ 0.034 χ^2 /NDF: 13071055.8/29

Out: 173.008 $\pm$ 0.035 χ^2 /NDF: 11991560.6/33

All: 164.564 $\pm$ 0.024 χ^2 /NDF: 25176603.8/63

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 290.803 $\pm$ 100.644 χ^2 /NDF:11.0/14

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -180.404 $\pm$ 104.559 χ^2 /NDF:22.1/12

Left: 64.184 $\pm$ 72.511 χ^2 /NDF: 43.7/27

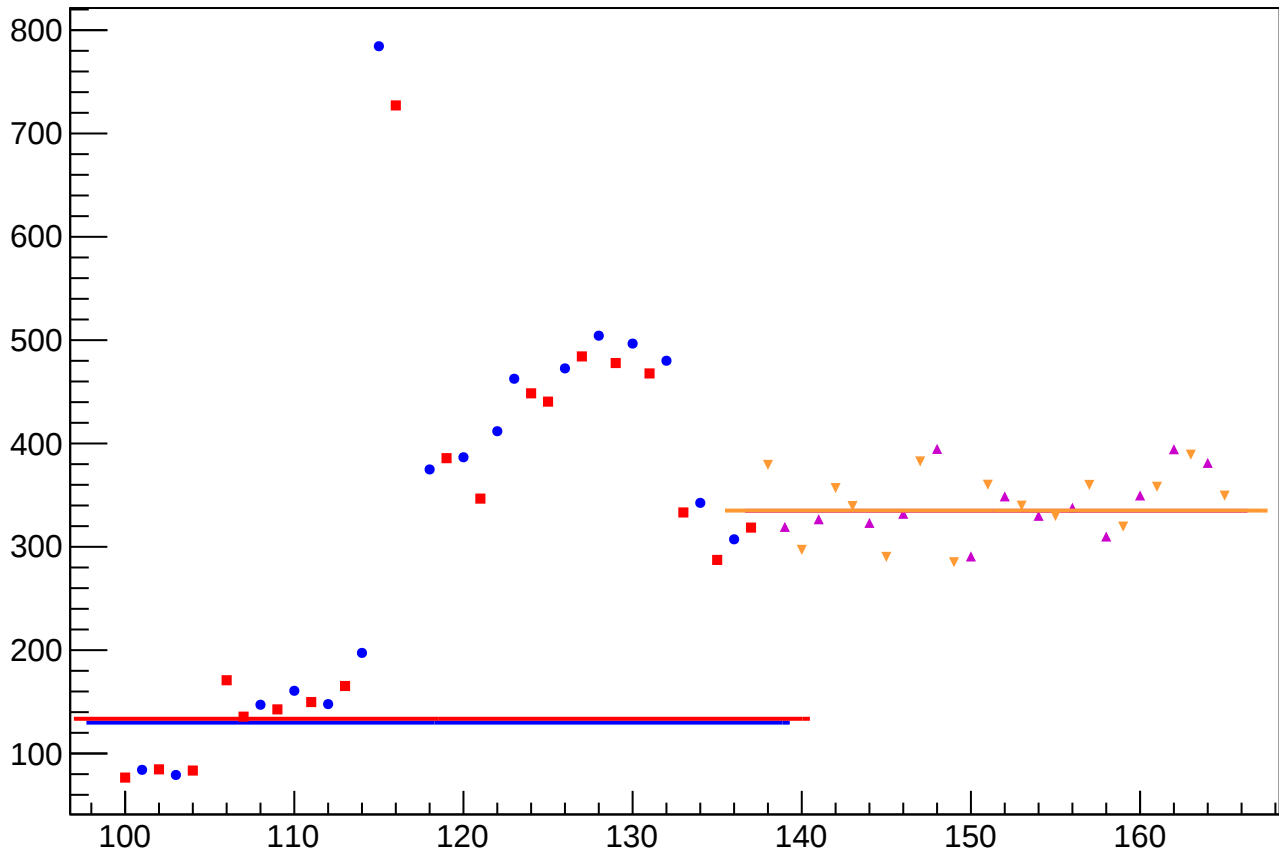
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 26.721 $\pm$ 54.042 χ^2 /NDF:47.7/29

Out: 151.985 $\pm$ 52.070 χ^2 /NDF:36.2/33

All: 91.680 $\pm$ 37.497 χ^2 /NDF: 86.8/63

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 335.074 $\pm$ 0.071 χ^2 /NDF: 217751.1/14

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 334.816 $\pm$ 0.074 χ^2 /NDF: 152143.1/12

Left: 334.950 $\pm$ 0.051 χ^2 /NDF: 369900.5/27

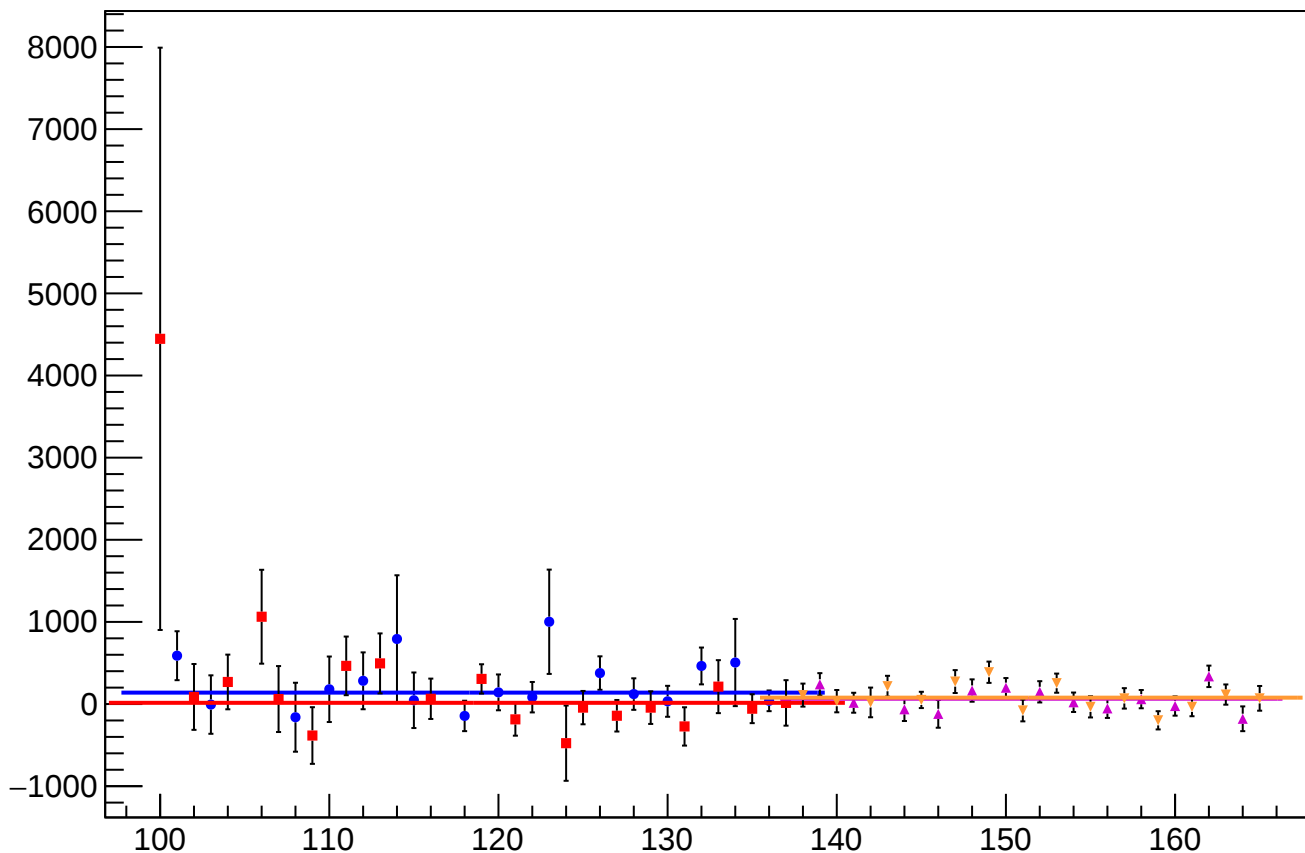
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 184.629 $\pm$ 0.038 χ^2 /NDF: 10612253.4/29

Out: 187.531 $\pm$ 0.037 χ^2 /NDF: 10450353.9/33

All: 186.134 $\pm$ 0.027 χ^2 /NDF: 21065596.5/63

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 77.807 $\pm$ 32.729 χ^2 /NDF:20.9/14

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 64.948 $\pm$ 35.496 χ^2 /NDF:14.8/12

Left: 71.898 $\pm$ 24.062 χ^2 /NDF: 35.7/27

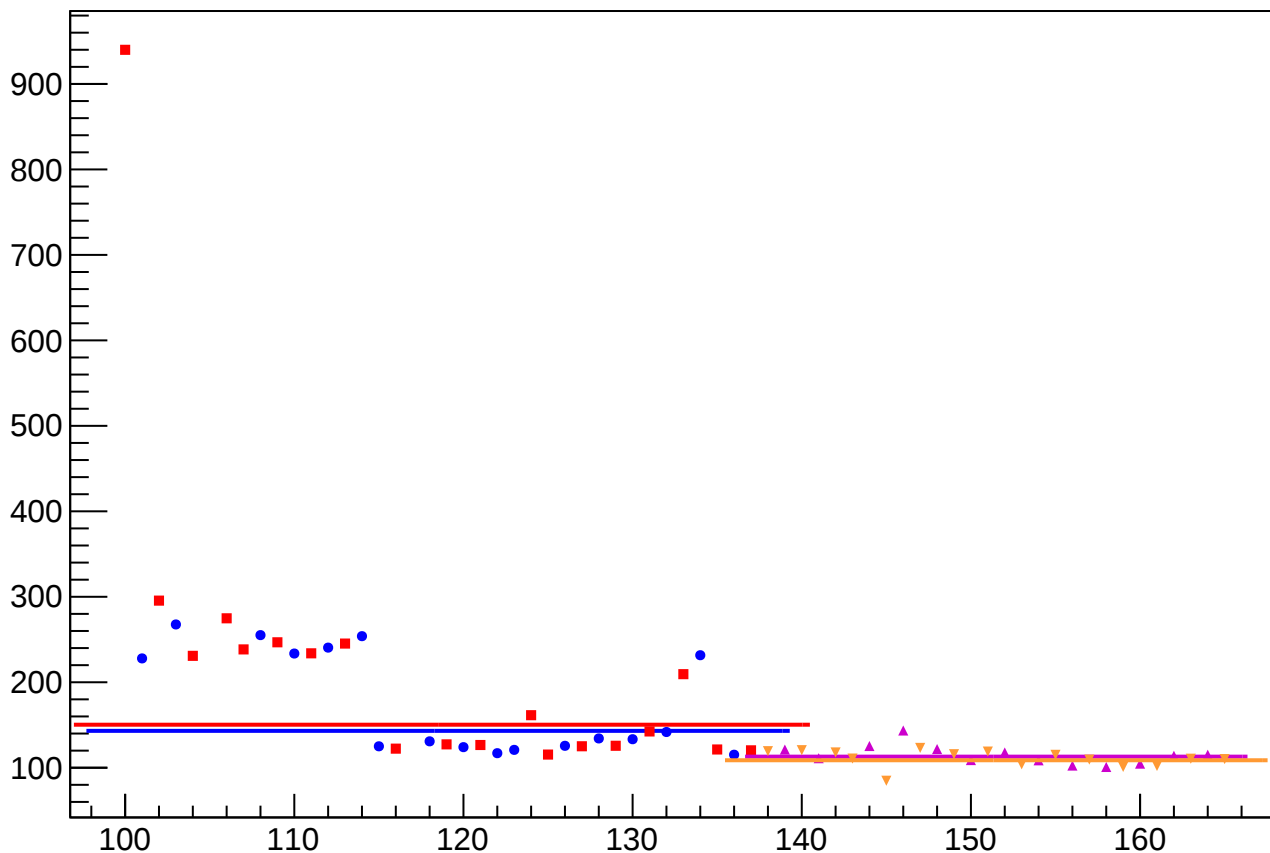
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 85.161 $\pm$ 30.273 χ^2 /NDF:29.1/29

Out: 63.428 $\pm$ 28.746 χ^2 /NDF:39.7/33

All: 73.732 $\pm$ 20.845 χ^2 /NDF: 69.0/63

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 108.740 $\pm$ 0.023 χ^2 /NDF: 214033.5/14

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 112.972 $\pm$ 0.025 χ^2 /NDF: 155126.8/12

Left: 110.685 $\pm$ 0.017 χ^2 /NDF: 384524.8/27

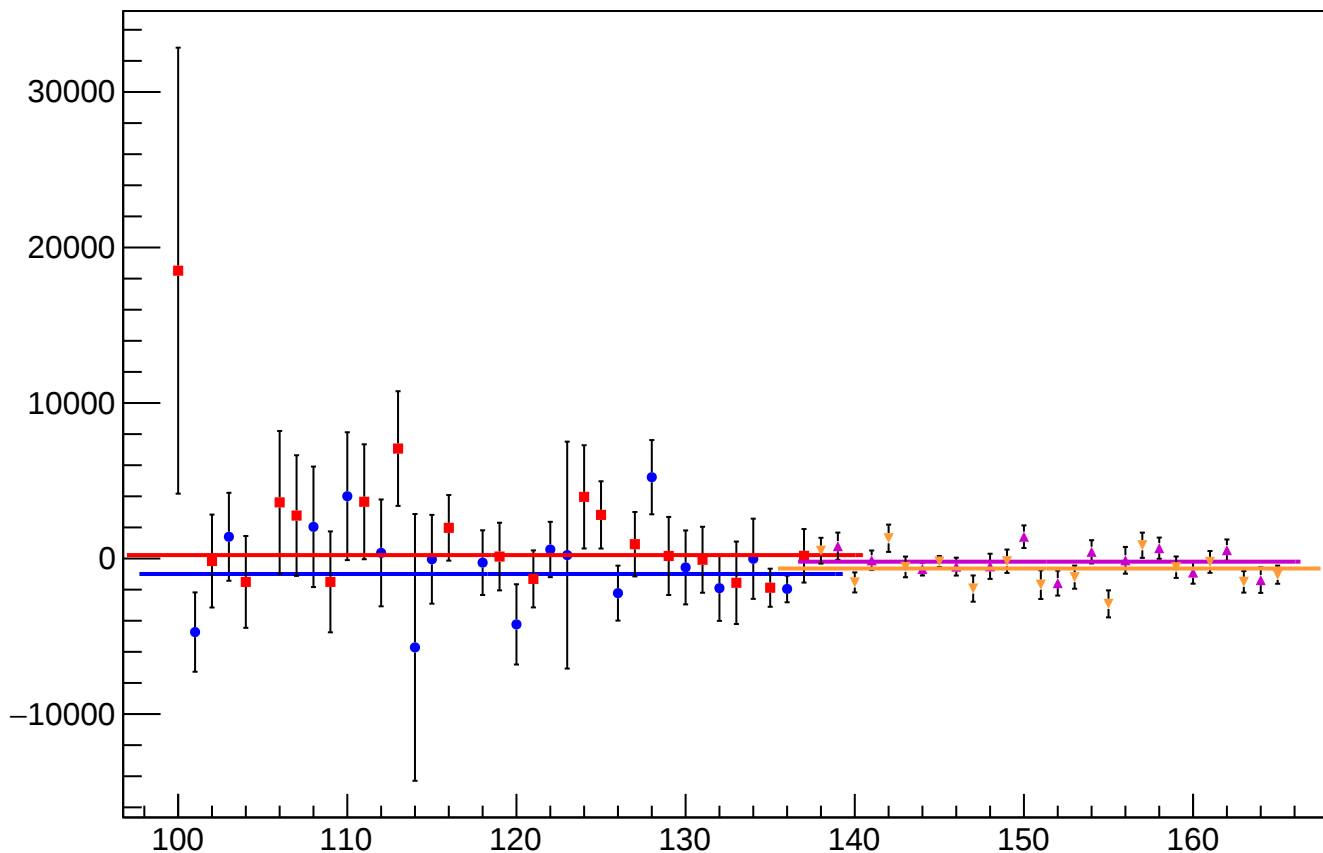
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 121.196 $\pm$ 0.021 χ^2 /NDF: 1650222.7/29

Out: 118.250 $\pm$ 0.020 χ^2 /NDF: 2384635.2/33

All: 119.647 $\pm$ 0.015 χ^2 /NDF: 4044816.9/63

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -640.777+/-172.568 χ^2/NDF : 27.6/14

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -202.742+/-187.898 χ^2/NDF : 17.4/12

Left: -440.354+/-127.099 χ^2/NDF : 47.9/27

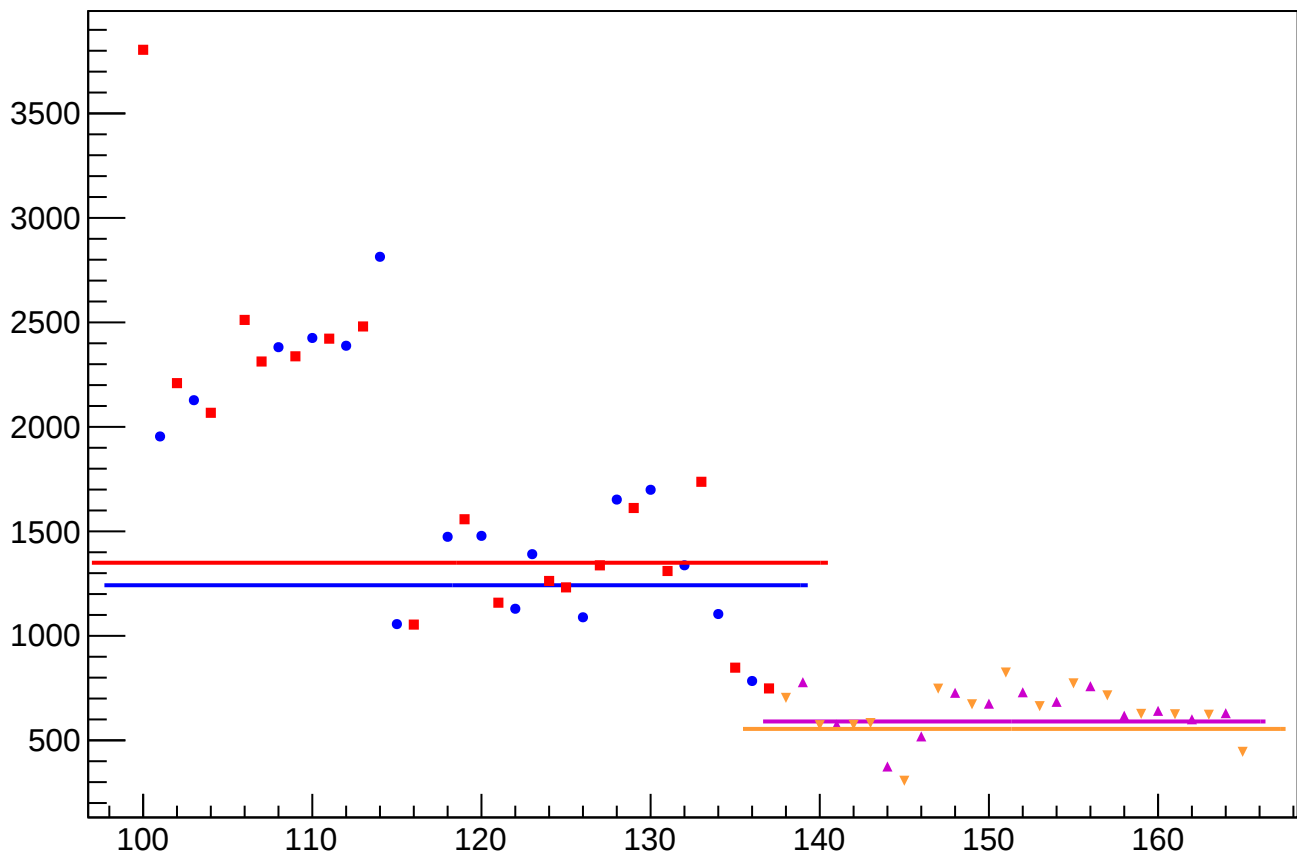
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -295.207+/-176.575 χ^2/NDF : 36.4/29

Out: -561.803+/-164.475 χ^2/NDF : 45.0/33

All: -437.952+/-120.352 χ^2/NDF : 82.6/63

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 554.632+/-0.122 χ^2/NDF : 1757188.7/14

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 590.260+/-0.133 χ^2/NDF : 922122.9/12

Left: 570.934+/-0.090 χ^2/NDF : 2718317.4/27

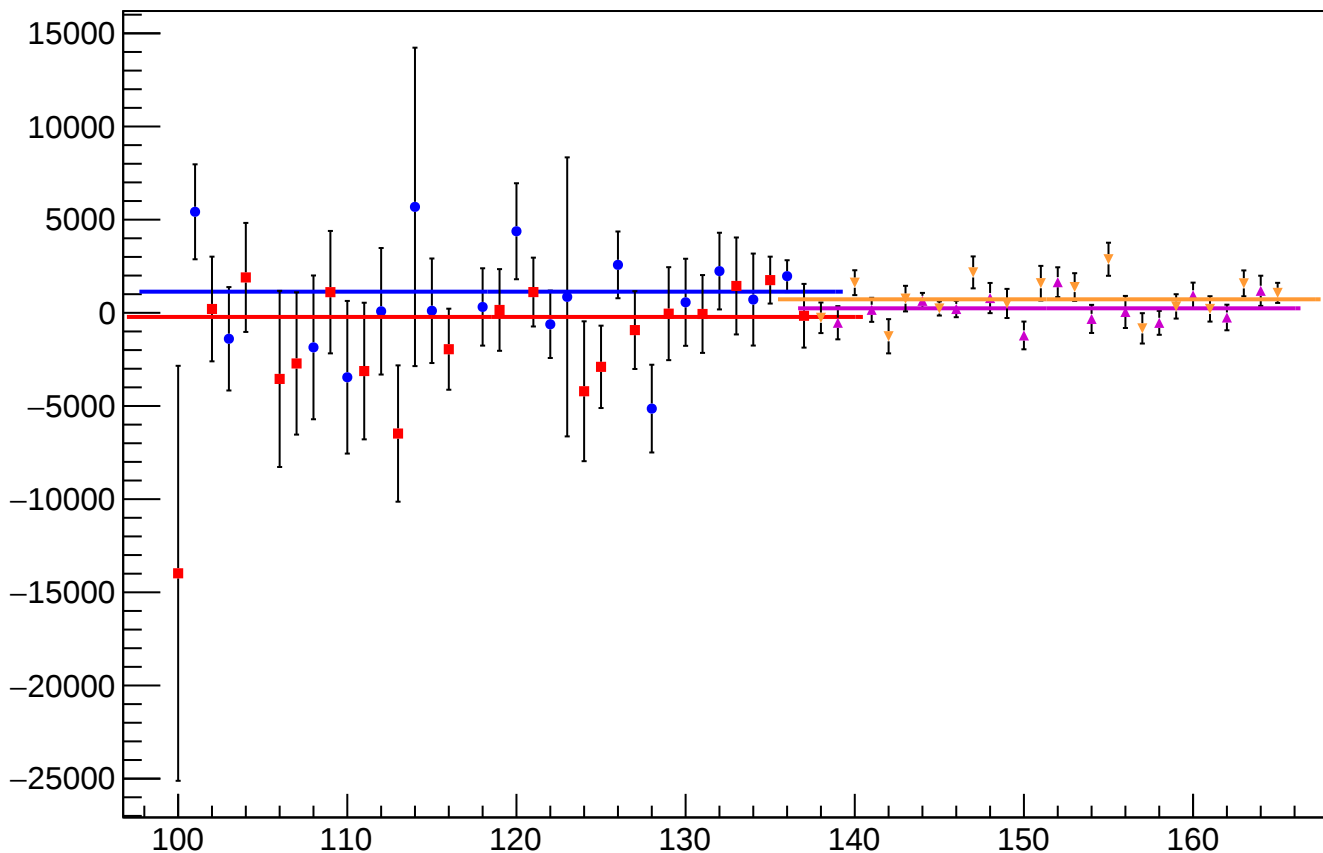
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 666.463+/-0.125 χ^2/NDF : 5503672.3/29

Out: 627.479+/-0.116 χ^2/NDF : 7515595.8/33

All: 645.589+/-0.085 χ^2/NDF : 13071465.8/63

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 725.700+/-174.921 χ^2/NDF : 26.5/14

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 241.946+/-180.946 χ^2/NDF : 14.0/12

Left: 492.010+/-125.764 χ^2/NDF : 44.2/27

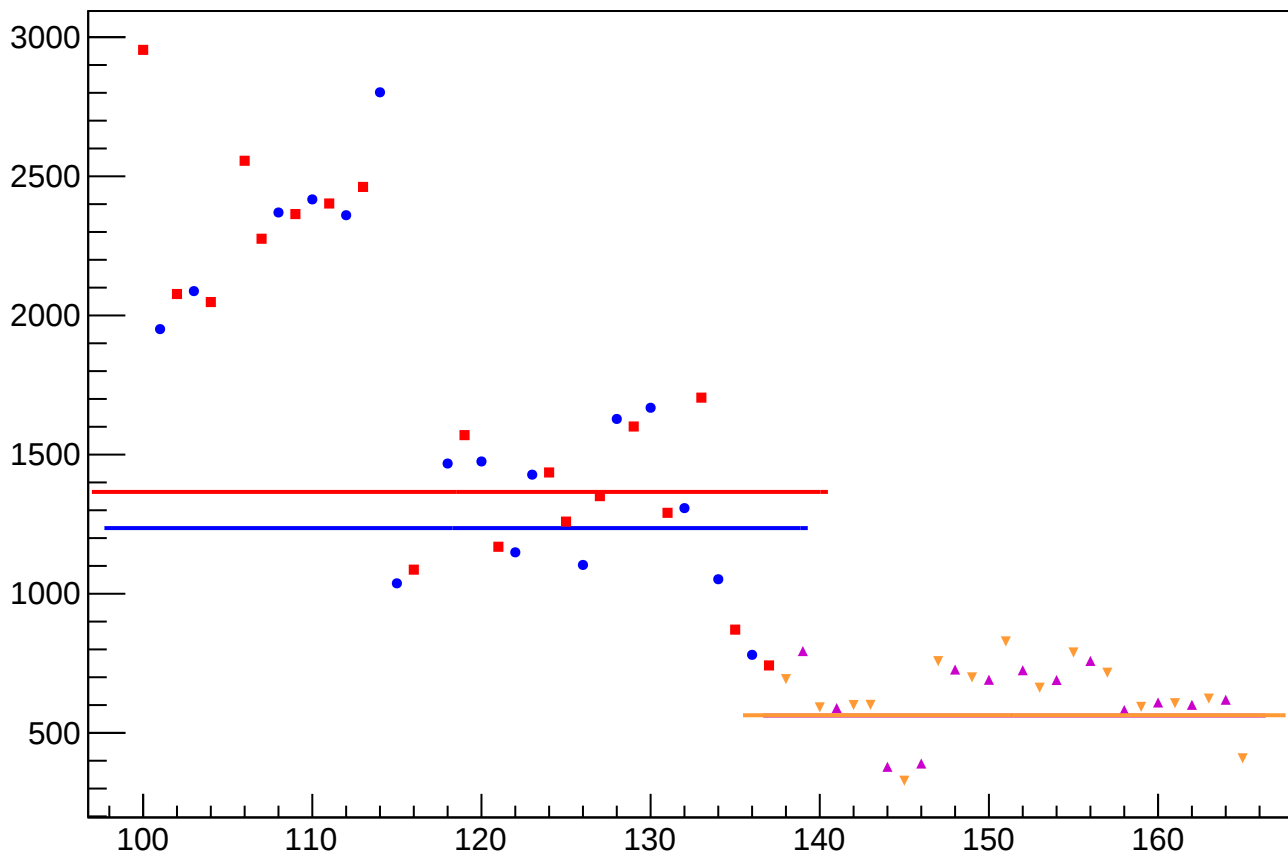
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 340.520+/-170.670 χ^2/NDF : 34.5/29

Out: 638.039+/-166.625 χ^2/NDF : 42.7/33

All: 492.847+/-119.226 χ^2/NDF : 78.8/63

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 563.446+/-0.124 χ^2/NDF : 1579583.5/14

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 562.329+/-0.128 χ^2/NDF : 1233869.8/12

Left: 562.906+/-0.089 χ^2/NDF : 2813492.8/27

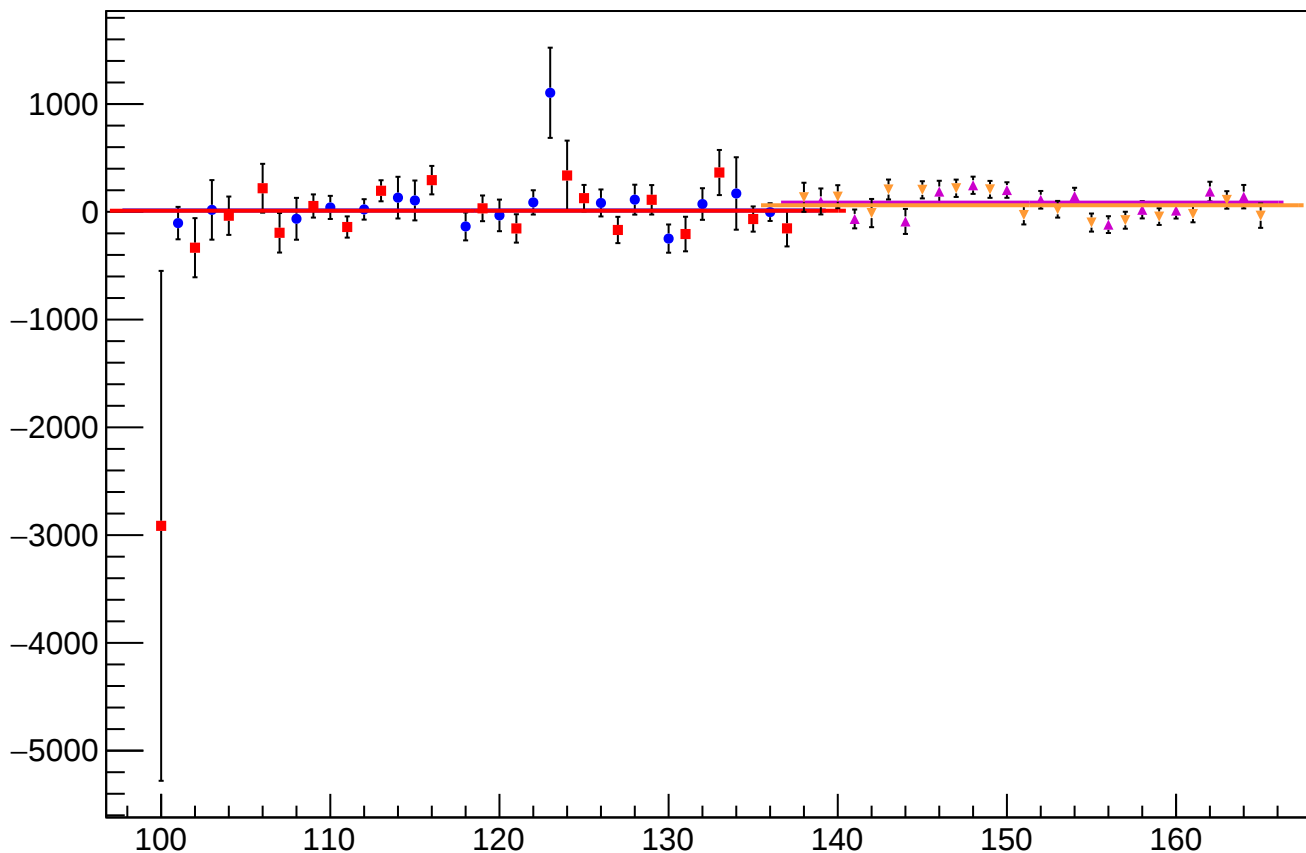
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 636.662+/-0.121 χ^2/NDF : 6038222.7/29

Out: 637.766+/-0.118 χ^2/NDF : 7228110.0/33

All: 637.227+/-0.084 χ^2/NDF : 13266375.5/63

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 60.842 $\pm$ 22.594 χ^2 /NDF:26.4/14

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 85.268 $\pm$ 23.929 χ^2 /NDF:23.8/12

Left: 72.355 $\pm$ 16.428 χ^2 /NDF: 50.7/27

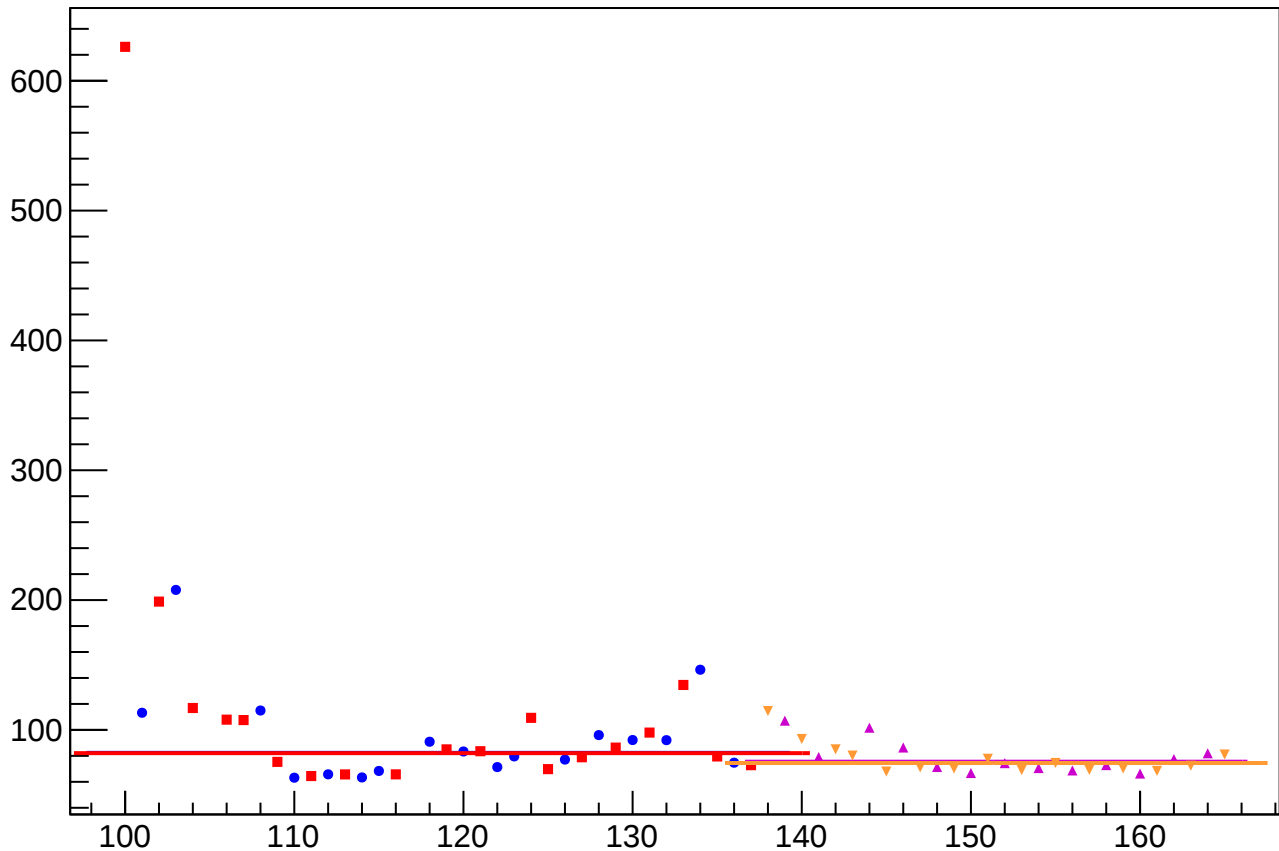
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 60.352 $\pm$ 19.418 χ^2 /NDF:42.3/29

Out: 44.359 $\pm$ 18.570 χ^2 /NDF:56.3/33

All: 51.999 $\pm$ 13.421 χ^2 /NDF: 99.0/63

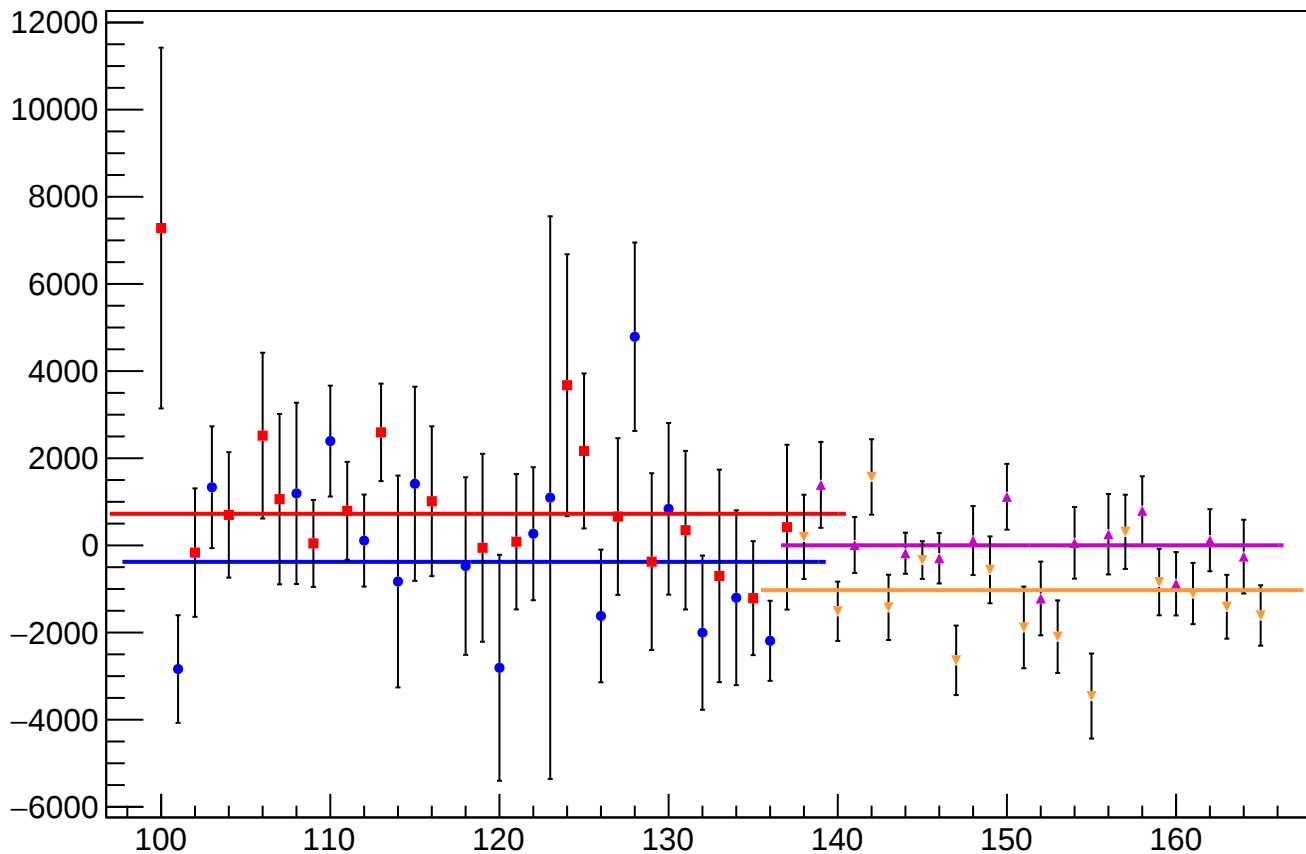
dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16
 Left Out: 74.502 $\pm$ 0.016 χ^2 /NDF: 328341.9/14
 Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18
 Left In: 75.510 $\pm$ 0.017 χ^2 /NDF: 365008.1/12

Left: 74.977 $\pm$ 0.012 χ^2 /NDF: 695225.6/27
 Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35
 In: 77.831 $\pm$ 0.014 χ^2 /NDF: 1288843.4/29
 Out: 76.964 $\pm$ 0.013 χ^2 /NDF: 1360553.1/33
 All: 77.378 $\pm$ 0.009 χ^2 /NDF: 2651477.3/63

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2 /NDF: 24.5/16

Left Out: -1027.270 $\pm$ 190.112 χ^2 /NDF:30.6/14

Right Out: 725.204 $\pm$ 367.170 χ^2 /NDF: 11.9/18

Left In: 2.827 $\pm$ 199.214 χ^2 /NDF:9.3/12

Left: -536.291 $\pm$ 137.535 χ^2 /NDF: 53.9/27

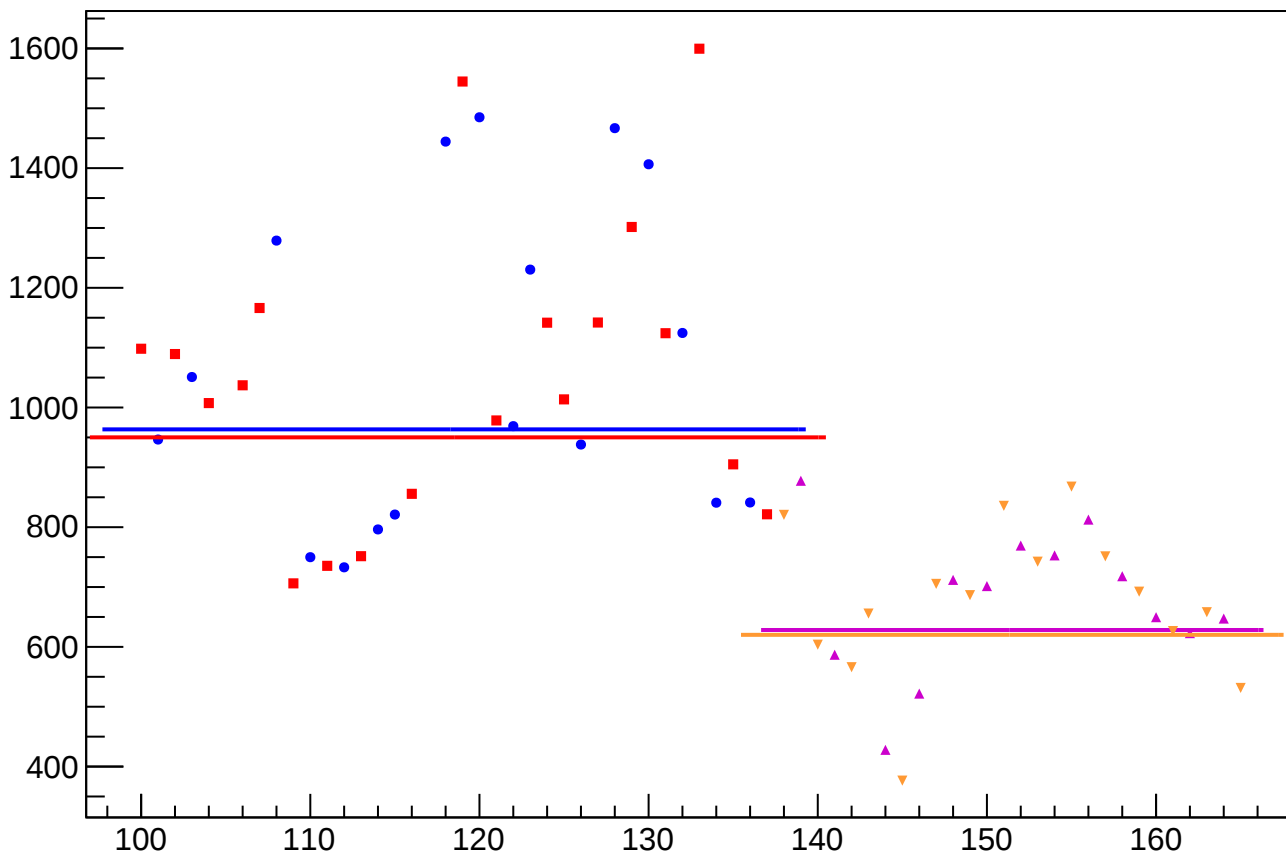
Right: 198.479 $\pm$ 265.345 χ^2 /NDF: 40.7/35

In: -77.825 $\pm$ 176.824 χ^2 /NDF:34.6/29

Out: -656.773 $\pm$ 168.824 χ^2 /NDF:60.5/33

All: -380.691 $\pm$ 122.107 χ^2 /NDF: 100.6/63

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 620.133 $\pm$ 0.134 χ^2 /NDF: 1152268.5/14

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 628.219 $\pm$ 0.141 χ^2 /NDF: 815626.9/12

Left: 623.987 $\pm$ 0.097 χ^2 /NDF: 1969619.8/27

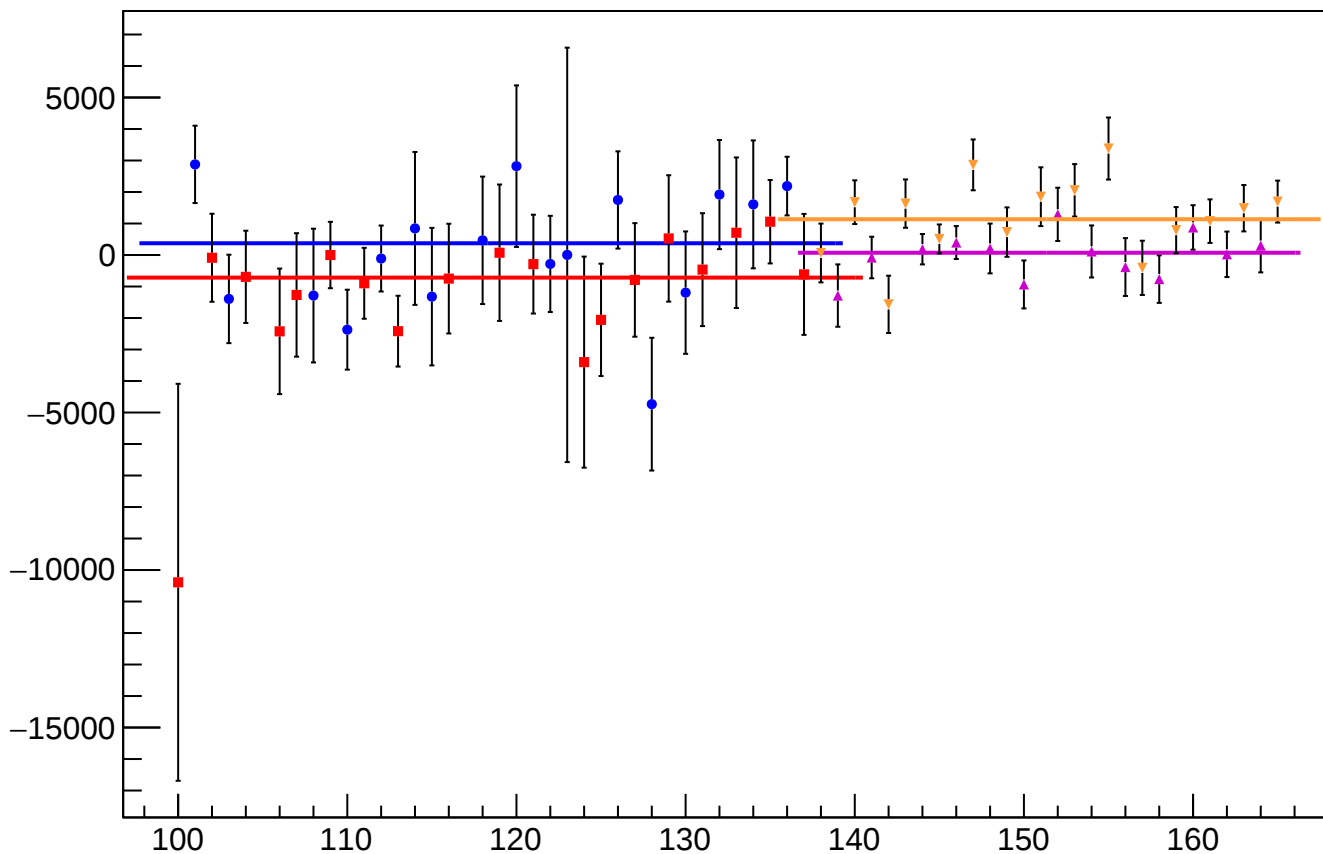
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 699.344 $\pm$ 0.125 χ^2 /NDF: 2706154.9/29

Out: 689.897 $\pm$ 0.119 χ^2 /NDF: 3158148.2/33

All: 694.402 $\pm$ 0.086 χ^2 /NDF: 5867289.1/63

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1135.859 $\pm$ 192.150 χ^2 /NDF:29.2/14

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: 71.919 $\pm$ 197.215 χ^2 /NDF:9.1/12

Left: 617.726 $\pm$ 137.626 χ^2 /NDF: 53.2/27

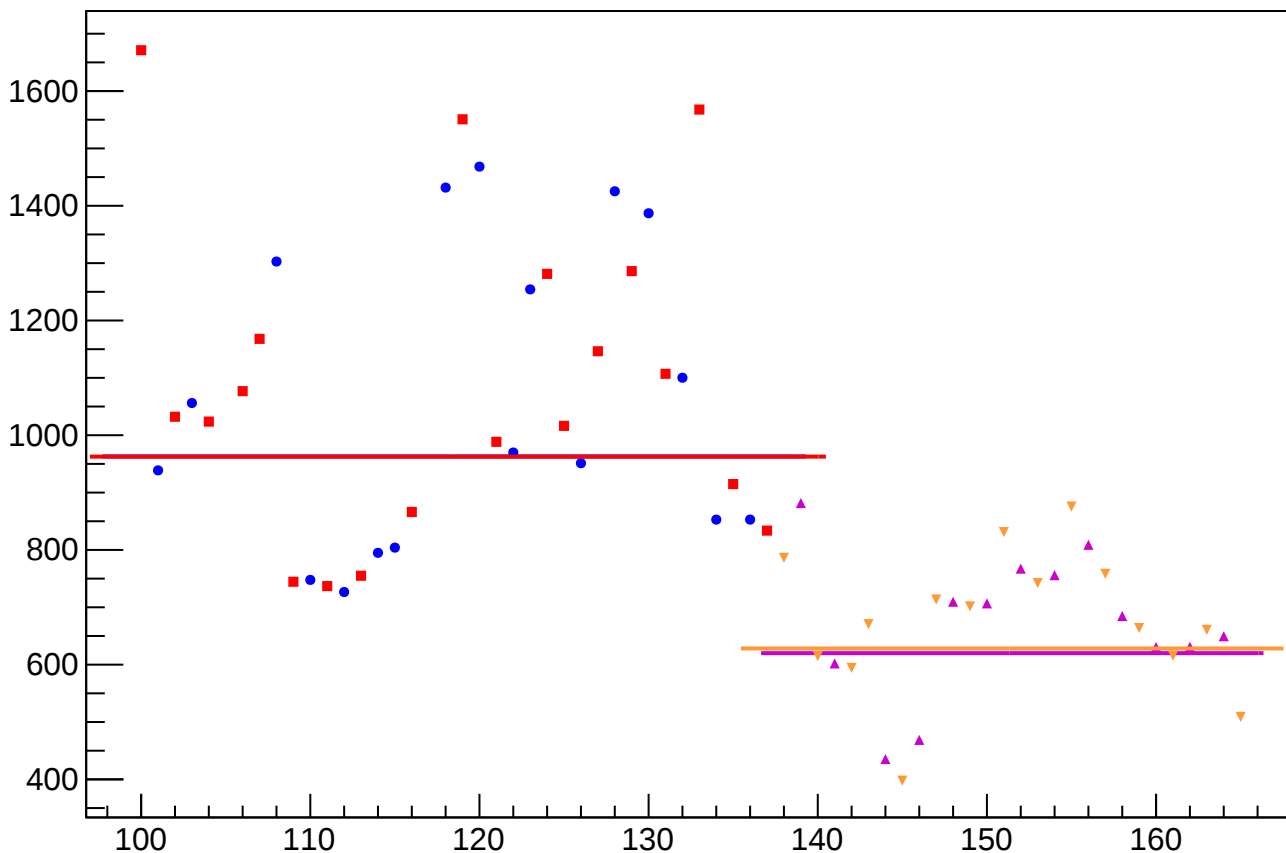
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 134.825 $\pm$ 175.399 χ^2 /NDF:34.8/29

Out: 745.155 $\pm$ 170.698 χ^2 /NDF:59.0/33

All: 448.278 $\pm$ 122.330 χ^2 /NDF: 100.0/63

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 628.247 $\pm$ 0.136 χ^2 /NDF: 988620.9/14

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 620.070 $\pm$ 0.139 χ^2 /NDF: 870478.8/12

Left: 624.265 $\pm$ 0.097 χ^2 /NDF: 1860863.6/27

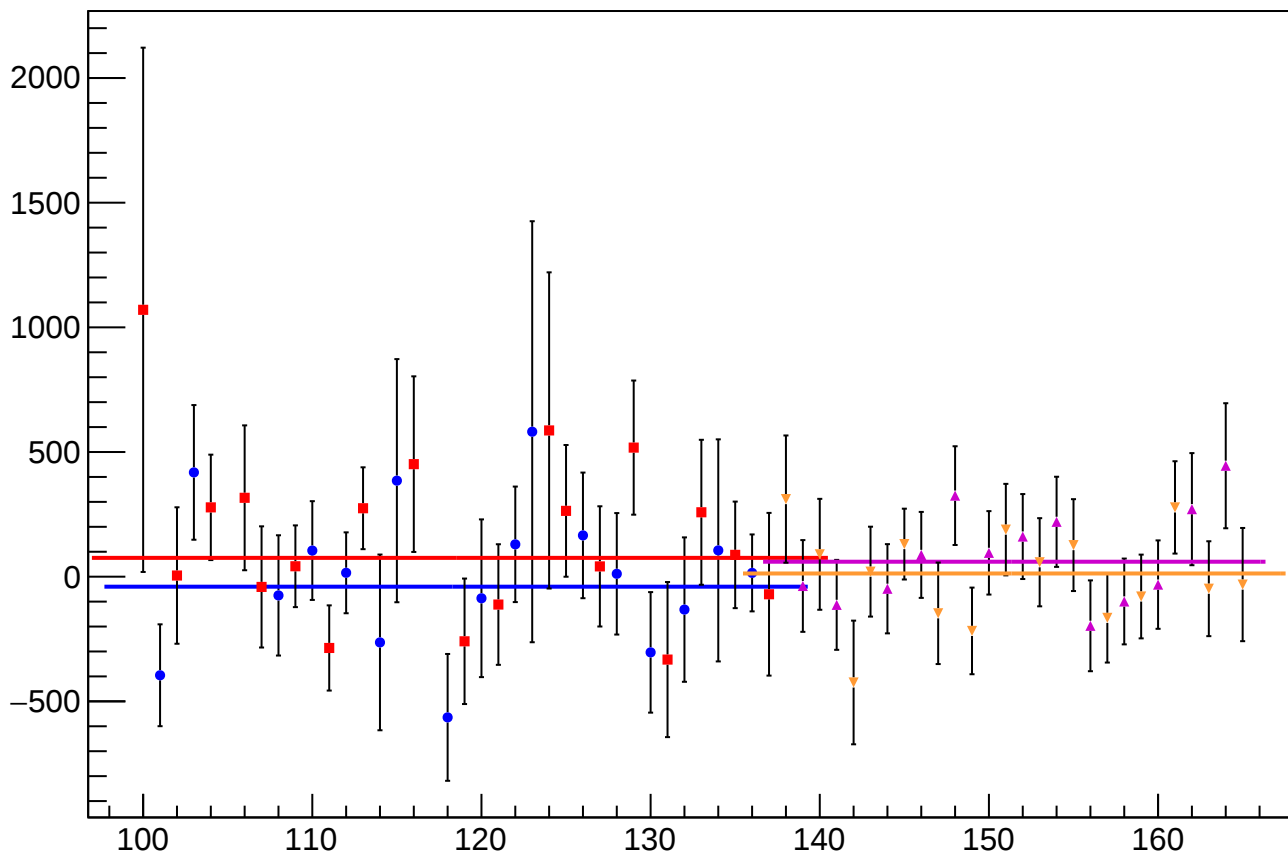
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 691.738 $\pm$ 0.124 χ^2 /NDF: 2801697.2/29

Out: 698.755 $\pm$ 0.121 χ^2 /NDF: 2962358.6/33

All: 695.342 $\pm$ 0.087 χ^2 /NDF: 5765699.7/63

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 12.825 ± 48.605 $\chi^2/\text{NDF}: 12.5/14$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 59.987 ± 51.108 $\chi^2/\text{NDF}: 10.9/12$

Left: 35.223 ± 35.220 $\chi^2/\text{NDF}: 23.9/27$

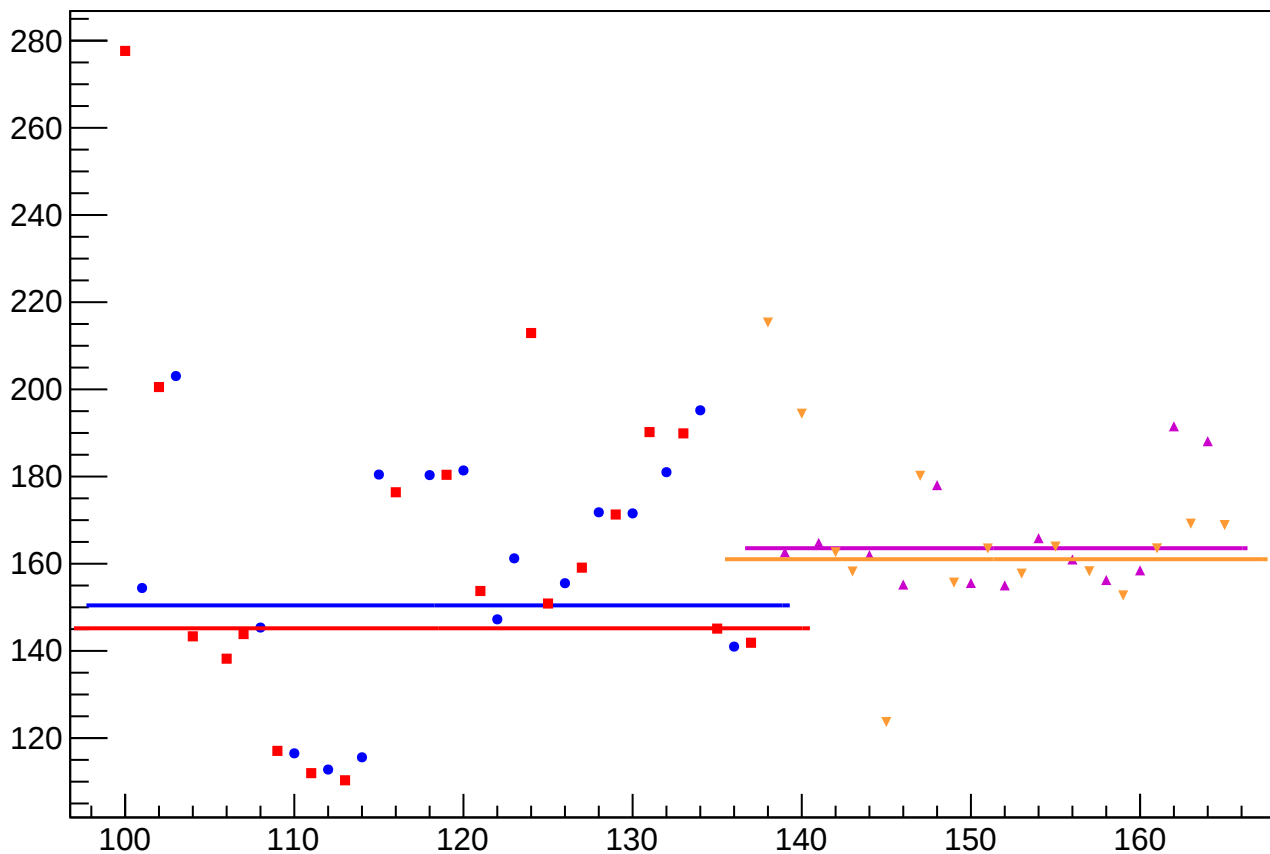
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 17.283 ± 38.702 $\chi^2/\text{NDF}: 27.9/29$

Out: 39.609 ± 36.772 $\chi^2/\text{NDF}: 31.7/33$

All: 29.017 ± 26.658 $\chi^2/\text{NDF}: 59.8/63$

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: 161.037 $\pm$ 0.034 χ^2 /NDF:307382.2/14

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 163.560 $\pm$ 0.036 χ^2 /NDF:81295.1/12

Left: 162.235 $\pm$ 0.025 χ^2 /NDF: 391237.6/27

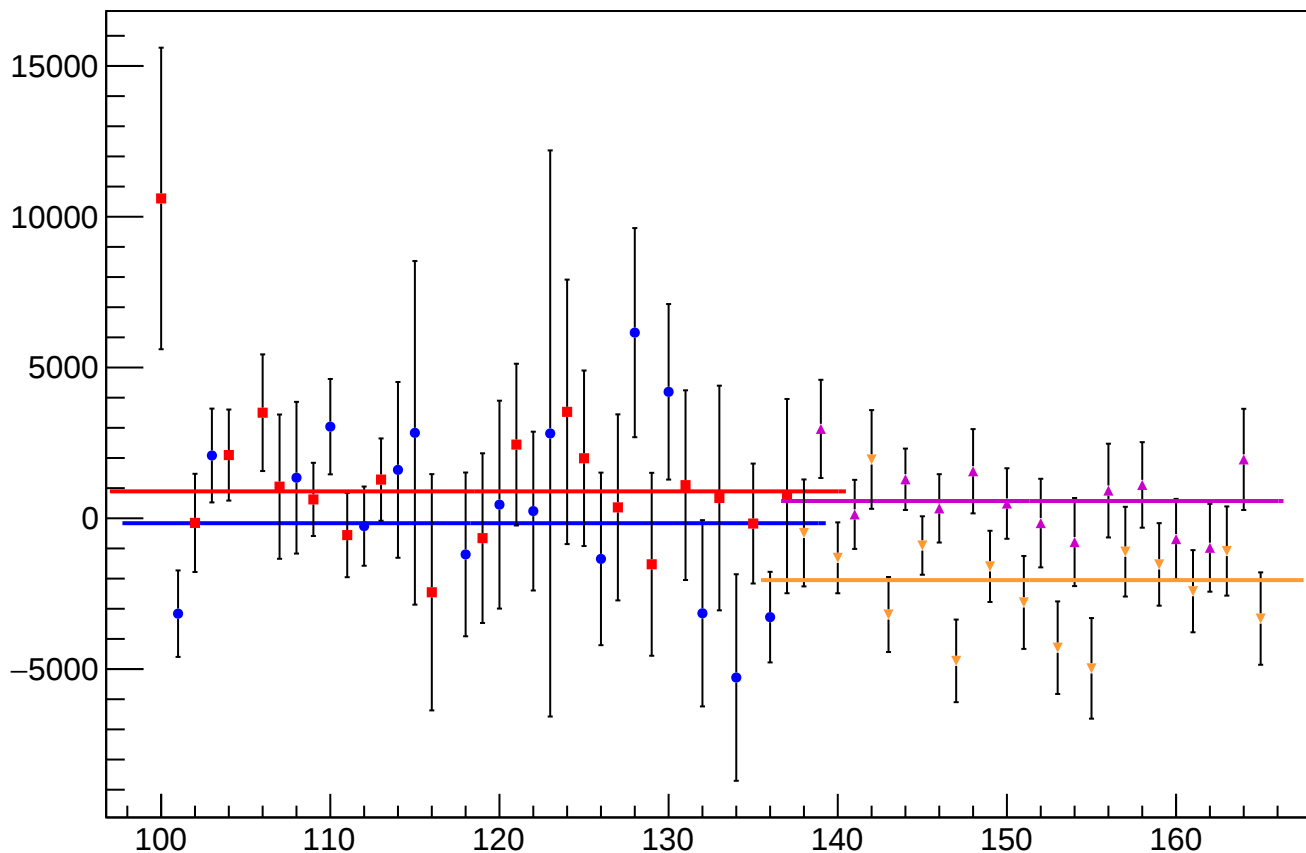
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.964 $\pm$ 0.027 χ^2 /NDF:537627.0/29

Out: 154.259 $\pm$ 0.026 χ^2 /NDF:934022.8/33

All: 156.017 $\pm$ 0.019 χ^2 /NDF: 1481283.8/63

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -2050.204+/-353.786 χ^2/NDF :20.5/14

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 572.754+/-368.617 χ^2/NDF :7.4/12

Left: -792.550+/-255.246 χ^2/NDF : 54.3/27

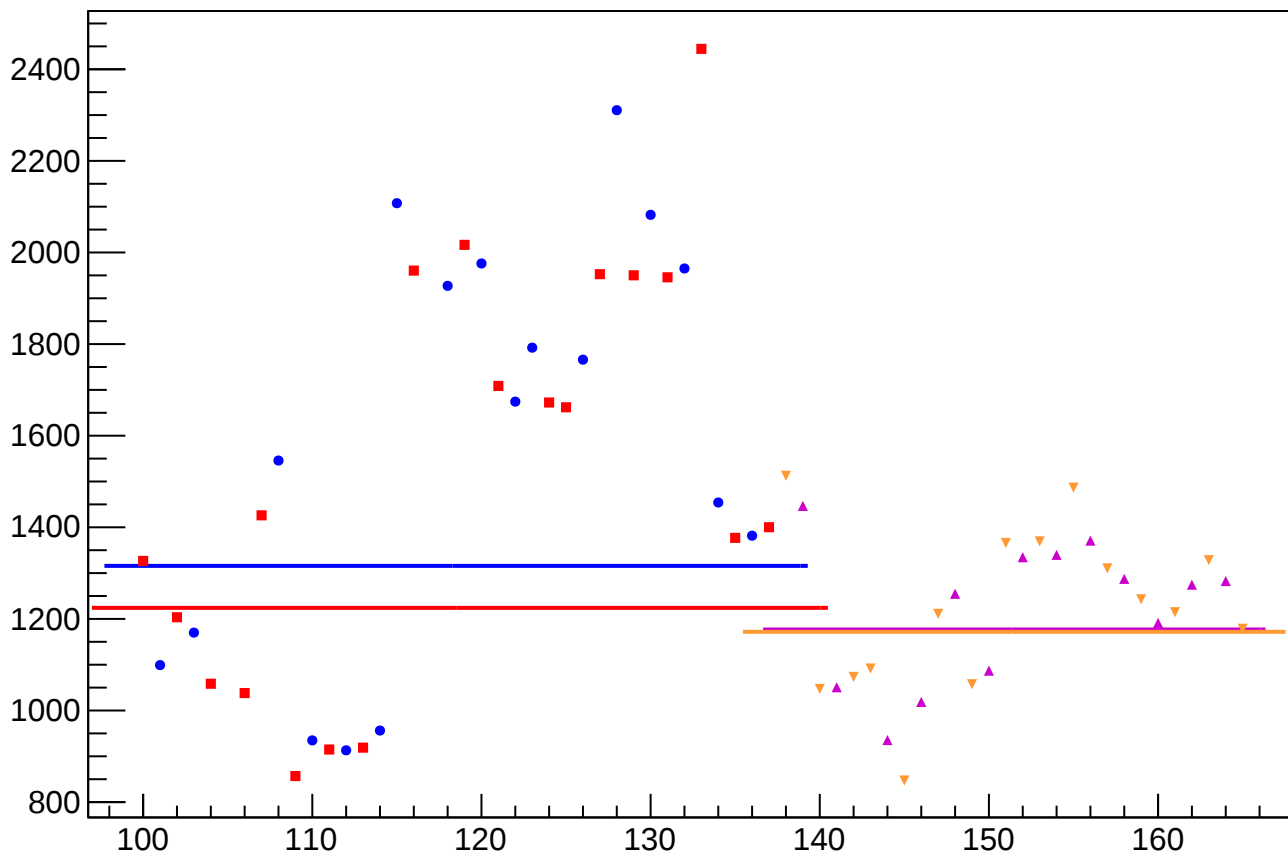
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 334.867+/-303.206 χ^2/NDF :33.7/29

Out: -1026.104+/-285.683 χ^2/NDF :55.3/33

All: -386.079+/-207.927 χ^2/NDF : 99.7/63

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1171.763 $\pm$ 0.250 χ^2 /NDF: 539686.7/14

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1176.922 $\pm$ 0.261 χ^2 /NDF: 357176.1/12

Left: 1174.236 $\pm$ 0.180 χ^2 /NDF: 897066.6/27

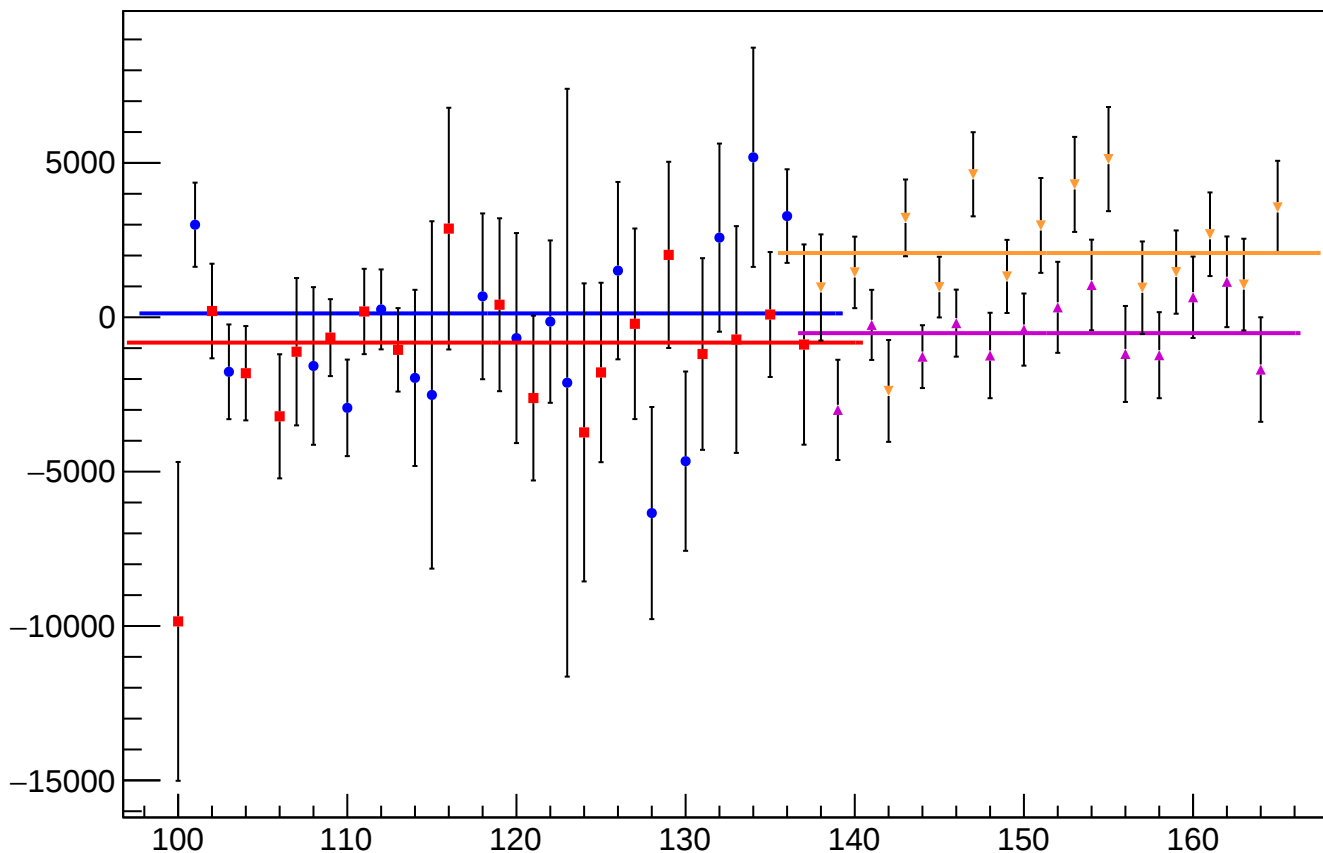
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1221.831 $\pm$ 0.214 χ^2 /NDF: 1567314.8/29

Out: 1189.990 $\pm$ 0.202 χ^2 /NDF: 1918846.9/33

All: 1204.964 $\pm$ 0.147 χ^2 /NDF: 3497845.6/63

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2081.590 $\pm$ 353.241 χ^2 /NDF:22.1/14

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -513.765 $\pm$ 366.015 χ^2 /NDF:7.8/12

Left: 829.993 $\pm$ 254.175 χ^2 /NDF: 56.0/27

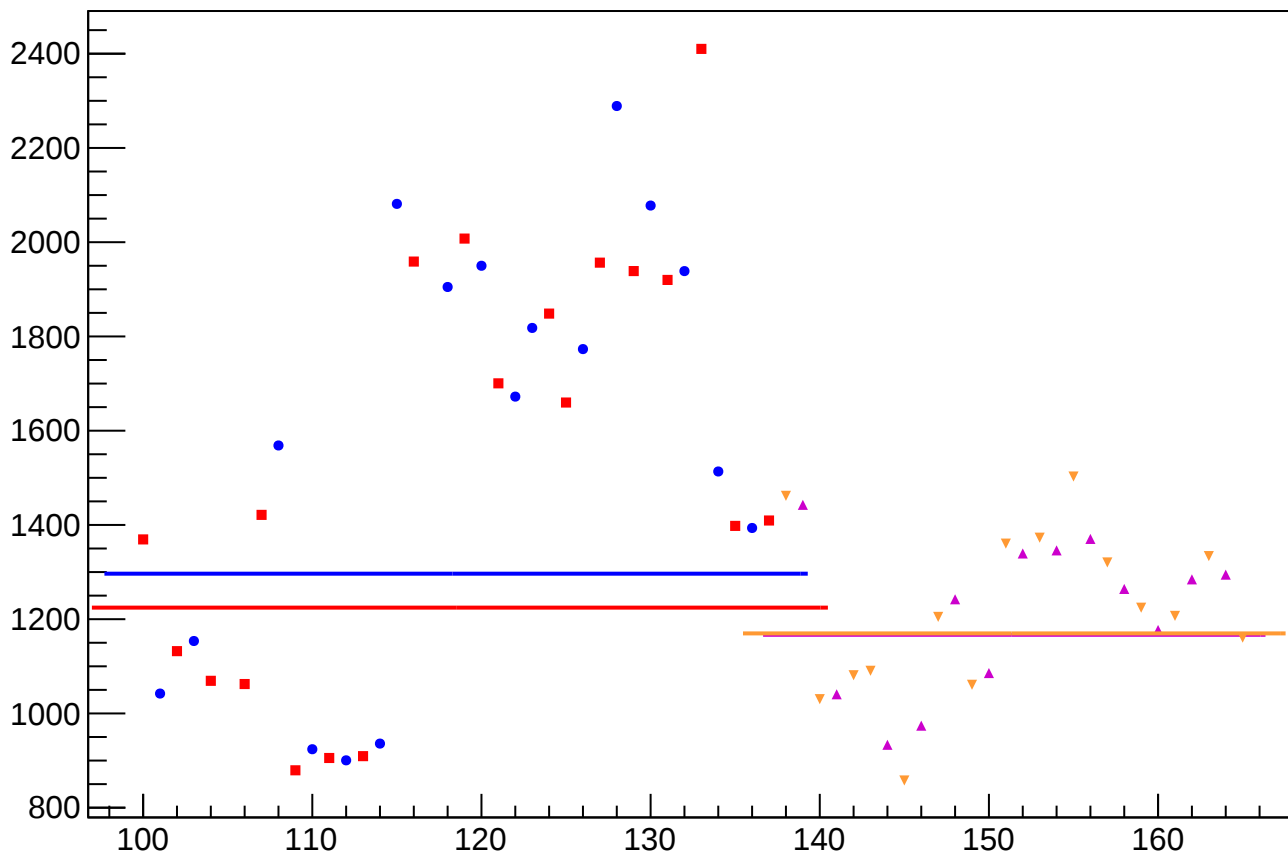
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -305.681 $\pm$ 300.586 χ^2 /NDF:33.4/29

Out: 1074.887 $\pm$ 285.465 χ^2 /NDF:54.6/33

All: 420.199 $\pm$ 206.993 χ^2 /NDF: 99.2/63

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1169.836 $\pm$ 0.250 χ^2 /NDF: 513491.3/14

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1166.855 $\pm$ 0.259 χ^2 /NDF: 391743.5/12

Left: 1168.398 $\pm$ 0.180 χ^2 /NDF: 905303.5/27

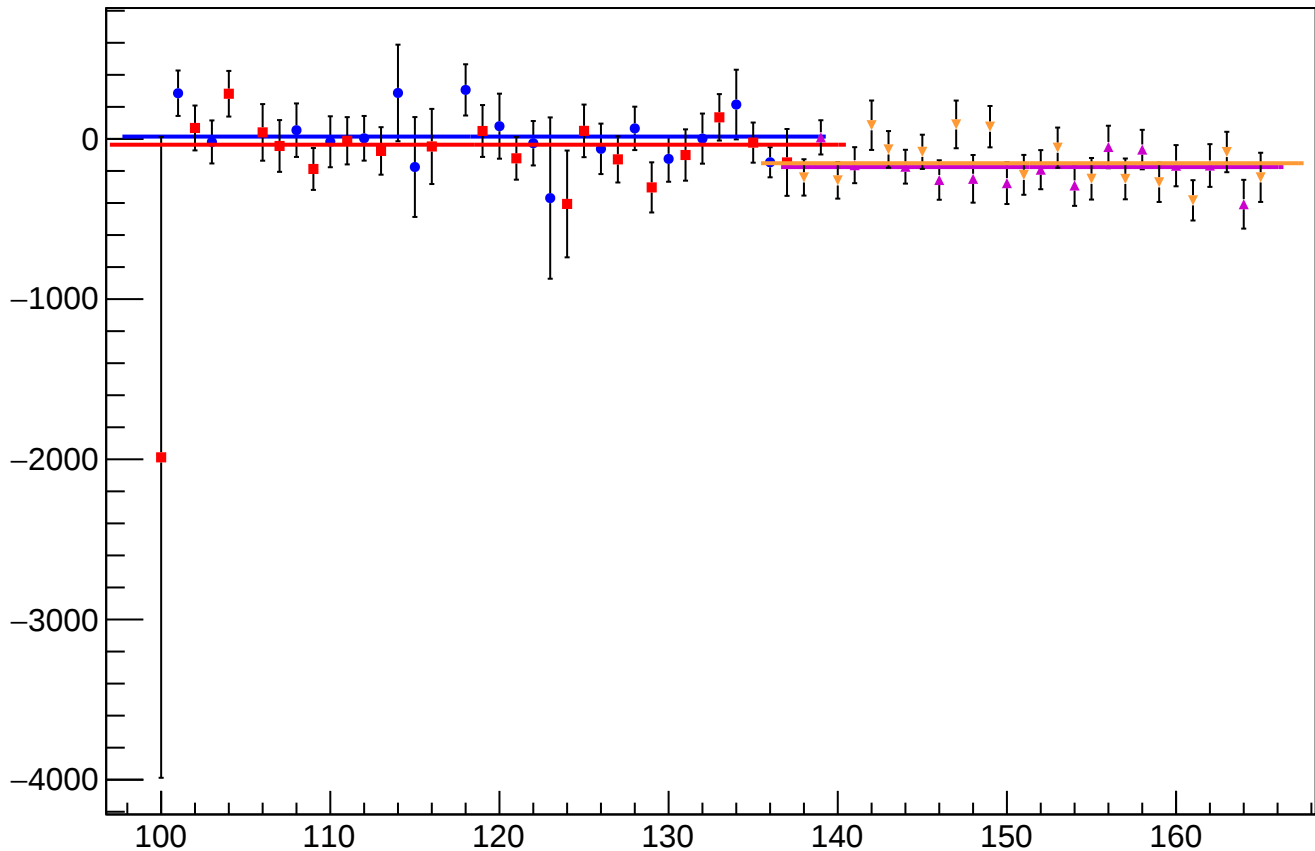
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1209.087 $\pm$ 0.213 χ^2 /NDF: 1648995.0/29

Out: 1188.821 $\pm$ 0.202 χ^2 /NDF: 1878418.5/33

All: 1198.432 $\pm$ 0.146 χ^2 /NDF: 3532193.5/63

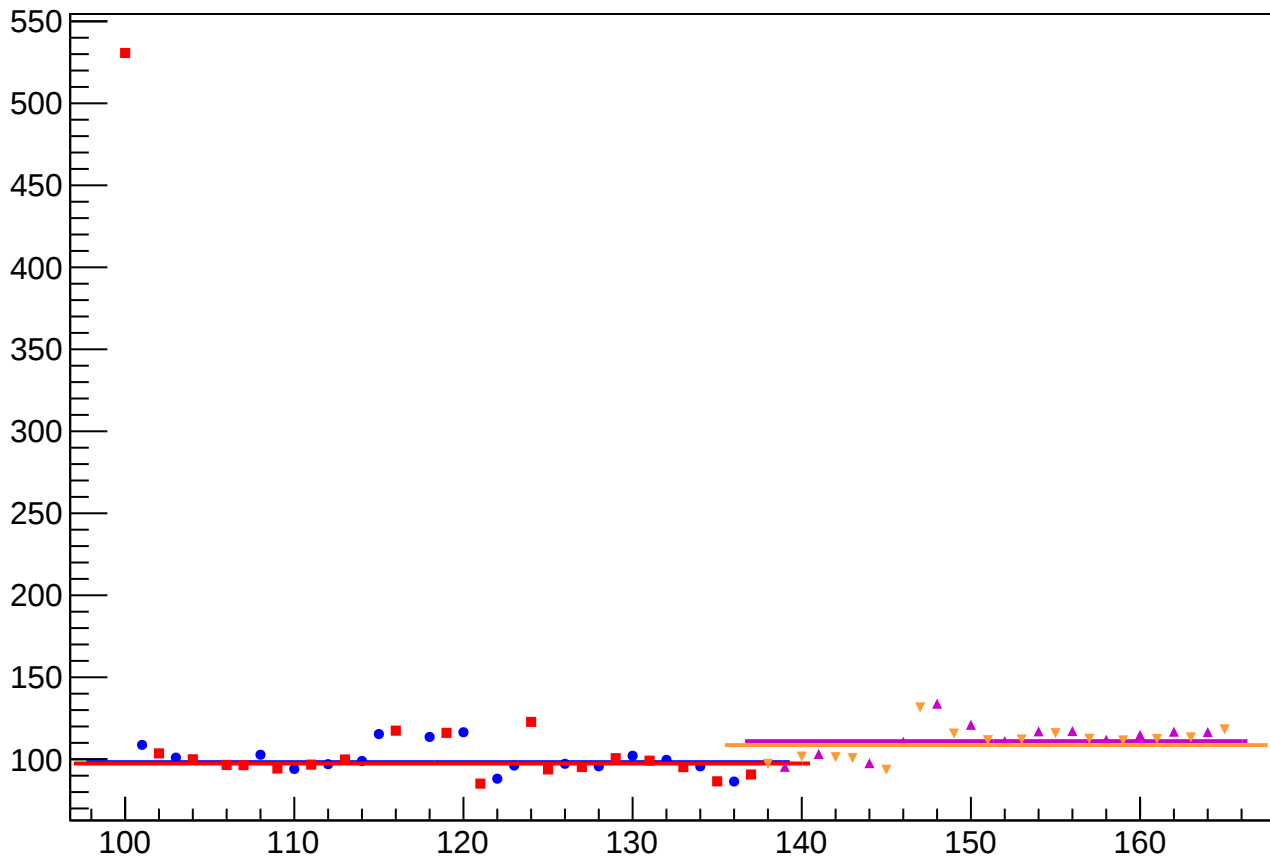
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -151.685 ± 32.448 $\chi^2/\text{NDF}: 17.7/14$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -175.702 ± 34.548 $\chi^2/\text{NDF}: 9.1/12$

Left: -162.942 ± 23.652 $\chi^2/\text{NDF}: 27.1/27$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -89.638 ± 25.568 $\chi^2/\text{NDF}: 37.0/29$
 Out: -101.022 ± 24.315 $\chi^2/\text{NDF}: 38.7/33$
 All: -95.615 ± 17.620 $\chi^2/\text{NDF}: 75.9/63$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 108.634+/-0.023 χ^2/NDF : 159366.7/14

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 111.037+/-0.024 χ^2/NDF : 160717.1/12

Left: 109.761+/-0.017 χ^2/NDF : 325225.3/27

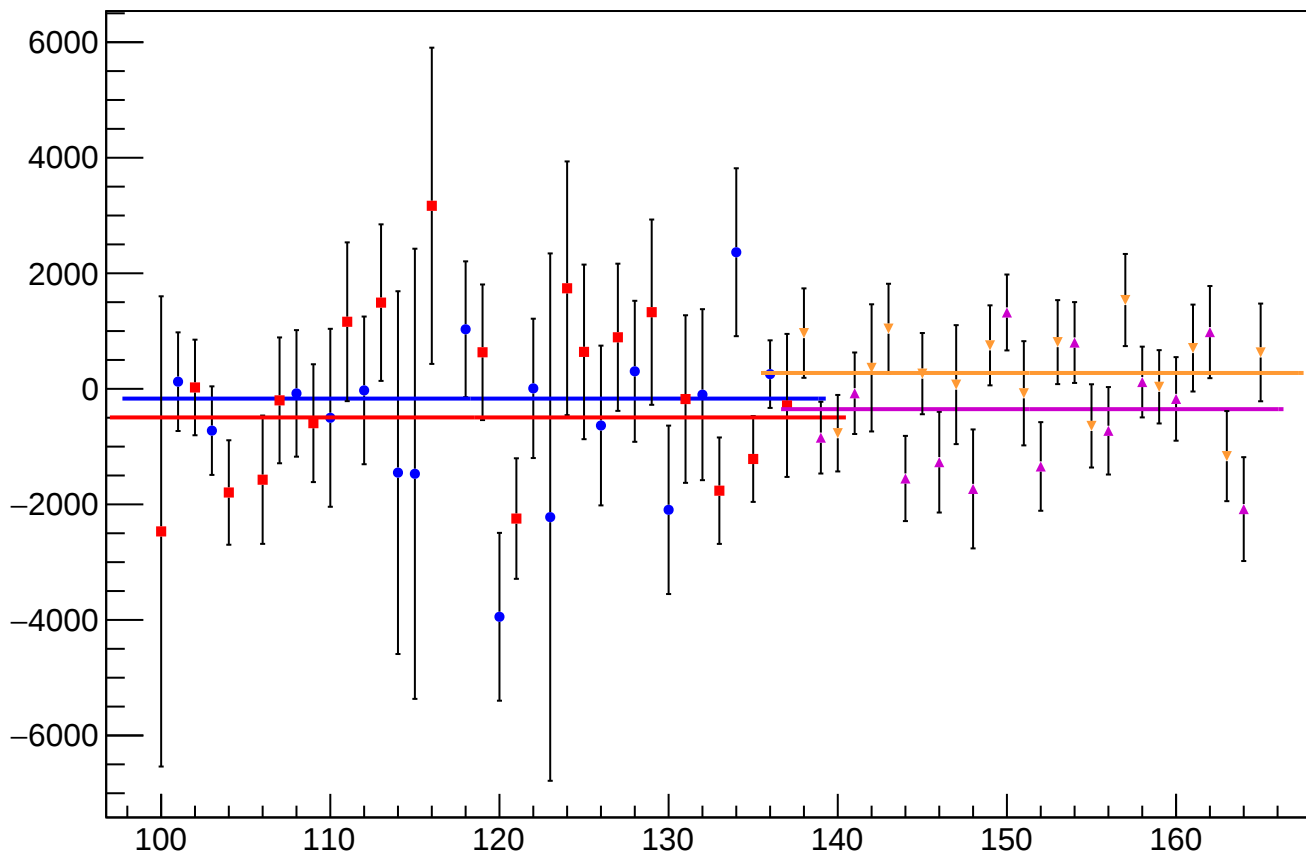
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 105.240+/-0.018 χ^2/NDF : 385761.8/29

Out: 103.725+/-0.017 χ^2/NDF : 453868.5/33

All: 104.444+/-0.012 χ^2/NDF : 843317.5/63

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: 274.658 ± 198.420 $\chi^2/\text{NDF}: 13.6/14$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -351.615 ± 204.585 $\chi^2/\text{NDF}: 24.6/12$

Left: -28.899 ± 142.434 $\chi^2/\text{NDF}: 43.1/27$

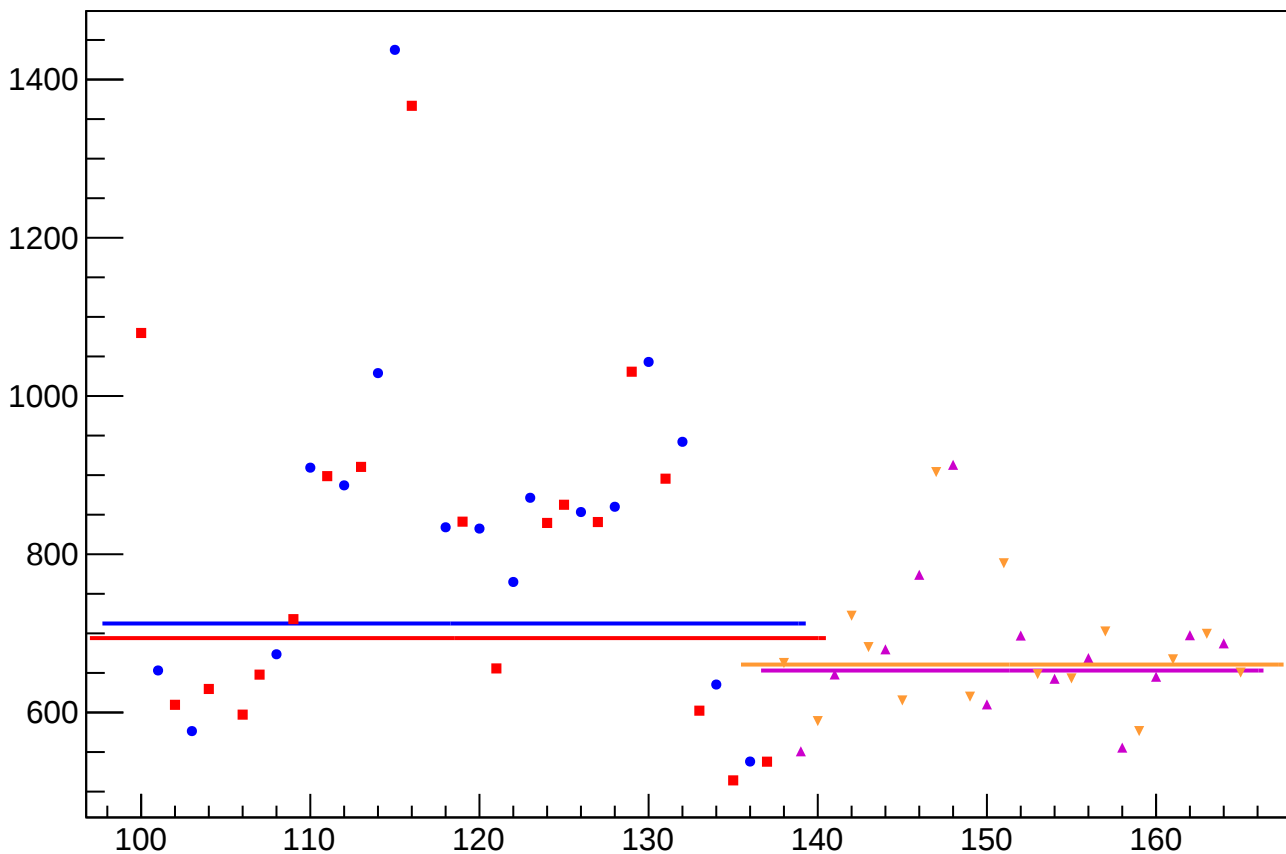
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -288.628 ± 165.633 $\chi^2/\text{NDF}: 39.5/29$

Out: 1.444 ± 159.349 $\chi^2/\text{NDF}: 38.8/33$

All: -137.986 ± 114.834 $\chi^2/\text{NDF}: 79.9/63$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 660.583+/-0.140 χ^2/NDF : 246072.9/14

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 653.016+/-0.145 χ^2/NDF : 299295.1/12

Left: 656.915+/-0.101 χ^2/NDF : 546777.8/27

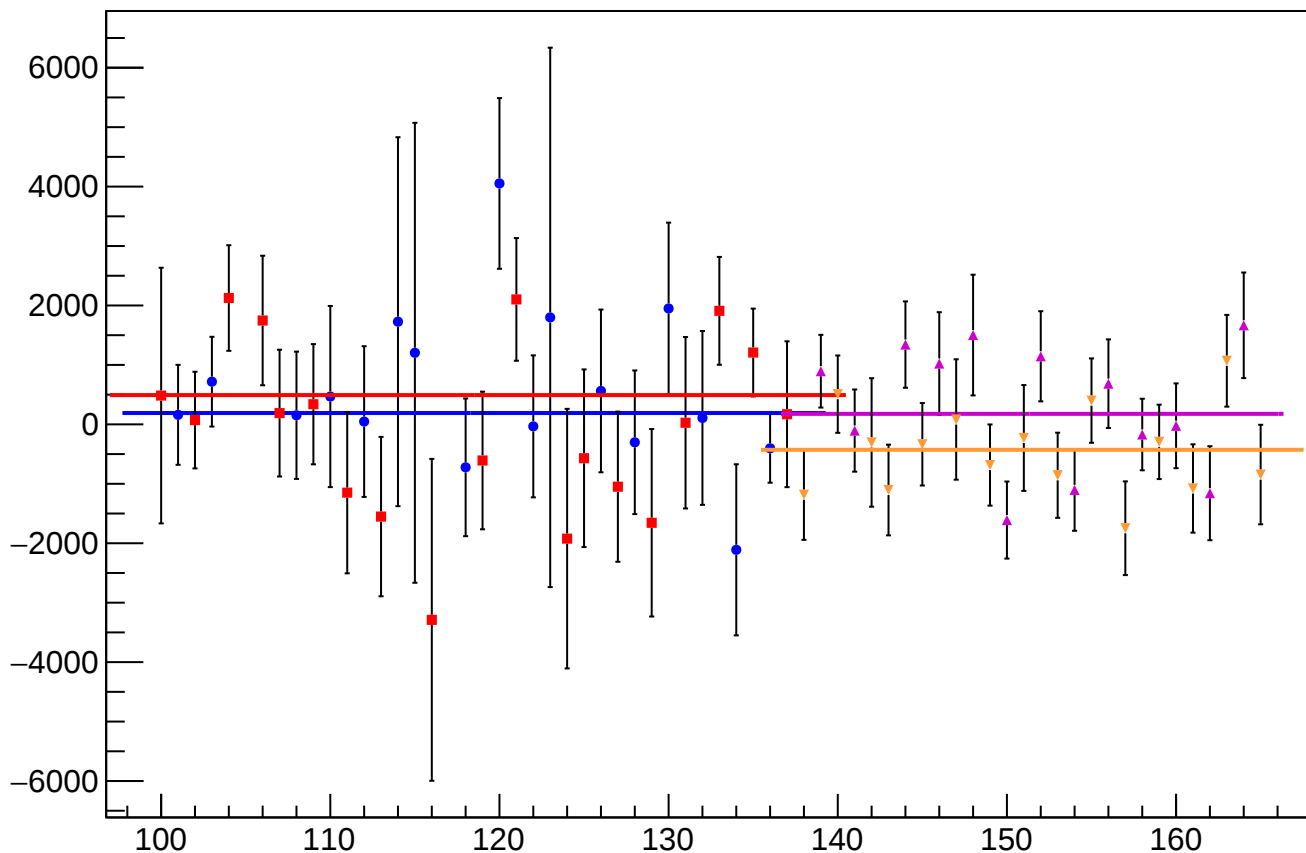
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 673.503+/-0.117 χ^2/NDF : 1018022.2/29

Out: 672.453+/-0.113 χ^2/NDF : 941220.4/33

All: 672.957+/-0.081 χ^2/NDF : 1959284.4/63

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -427.768 $\pm$ 195.572 χ^2 /NDF:13.7/14

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 176.829 $\pm$ 201.639 χ^2 /NDF:26.0/12

Left: -134.702 $\pm$ 140.386 χ^2 /NDF: 44.3/27

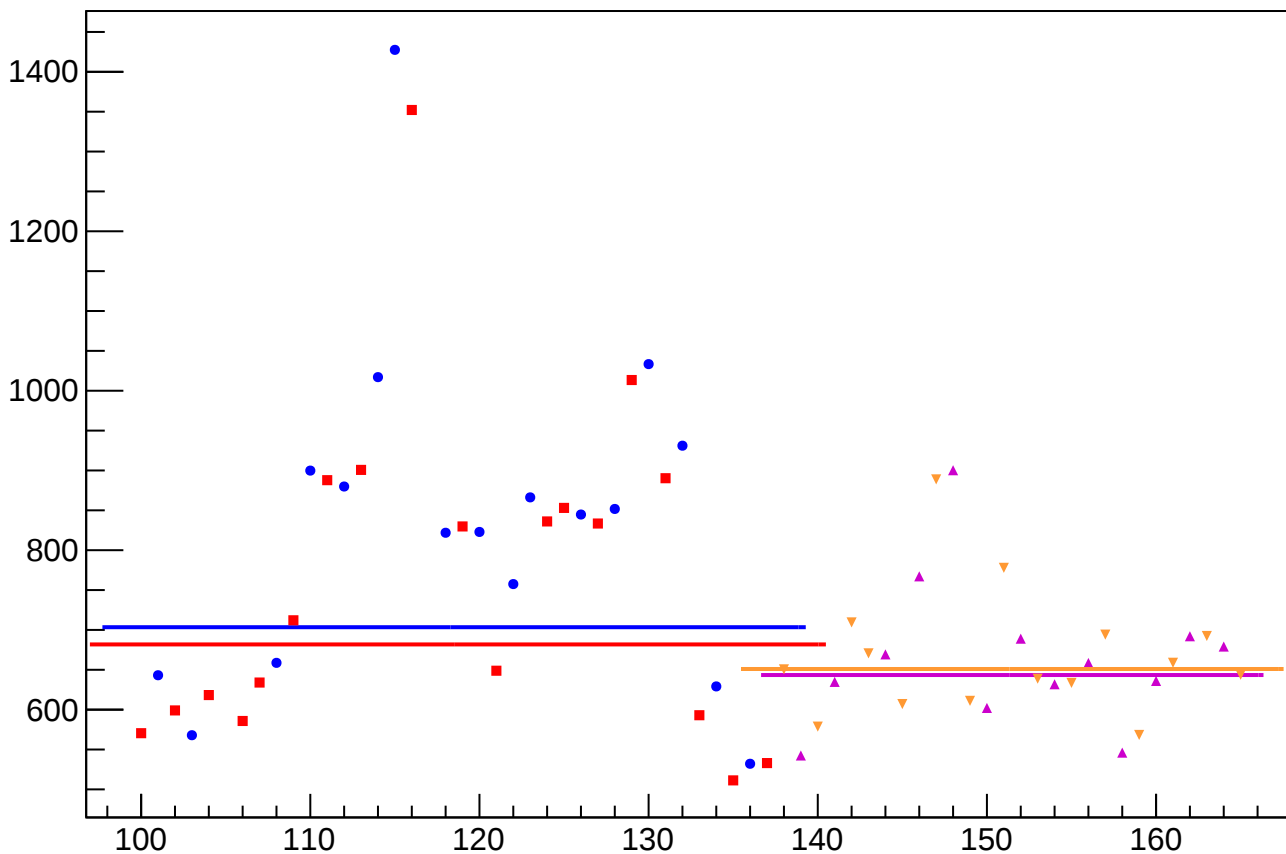
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 181.657 $\pm$ 163.359 χ^2 /NDF:40.2/29

Out: -99.464 $\pm$ 156.862 χ^2 /NDF:44.3/33

All: 35.395 $\pm$ 113.146 χ^2 /NDF: 86.1/63

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 651.000+/-0.138 χ^2/NDF : 246475.1/14

Right Out: 681.807+/-0.186 χ^2/NDF : 664797.9/18

Left In: 643.431+/-0.143 χ^2/NDF : 306331.6/12

Left: 647.331+/-0.099 χ^2/NDF : 554259.0/27

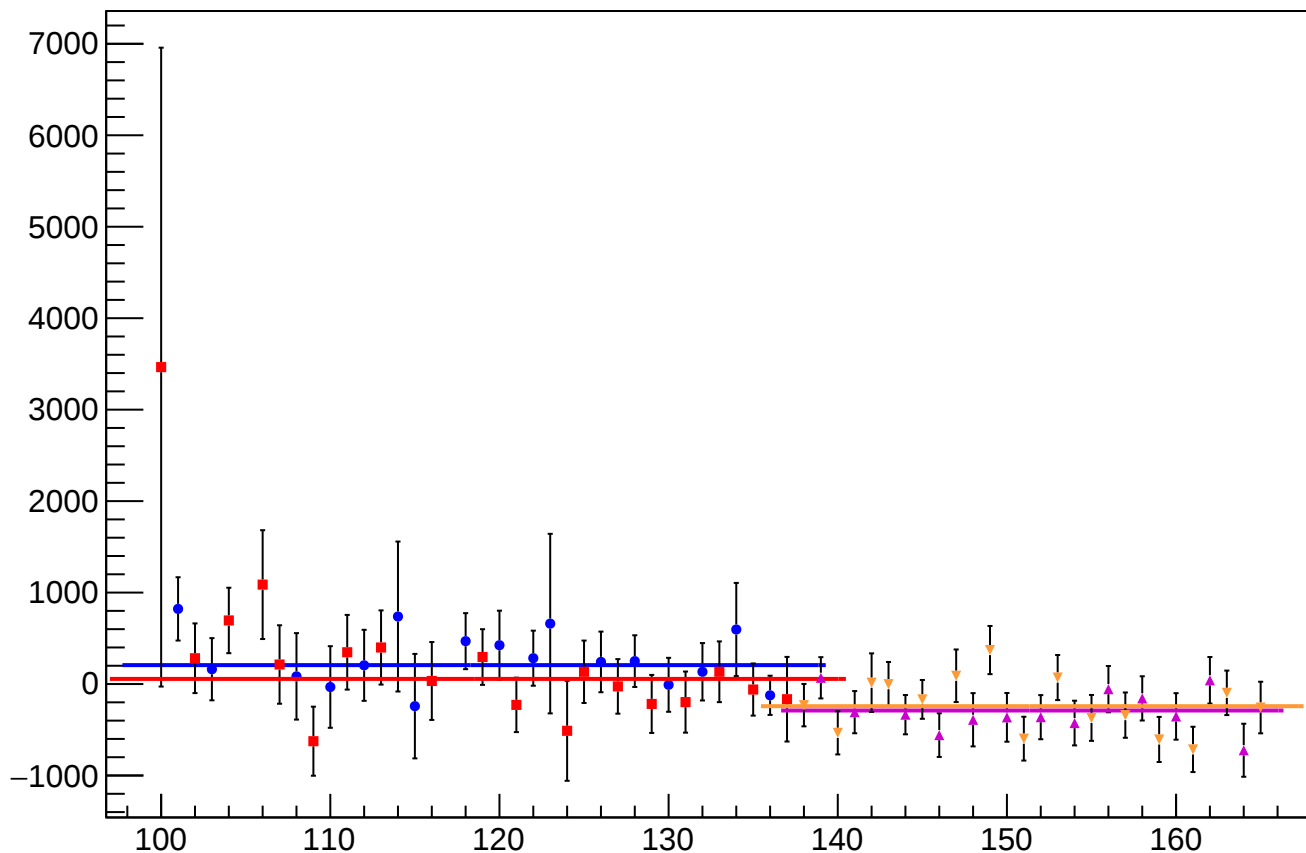
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 664.041+/-0.116 χ^2/NDF : 1034021.4/29

Out: 661.989+/-0.111 χ^2/NDF : 928973.6/33

All: 662.973+/-0.080 χ^2/NDF : 1963159.2/63

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



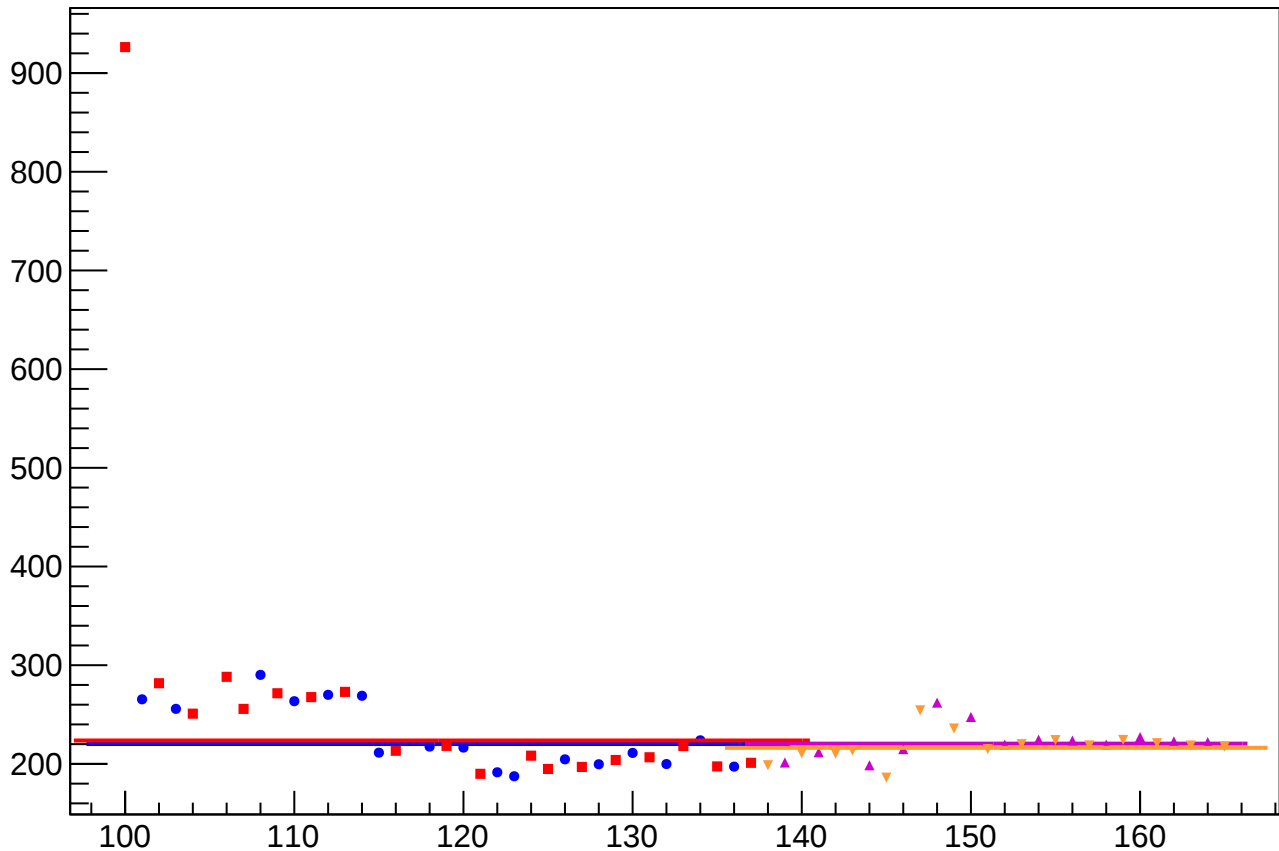
Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16
 Left Out: -241.988 $\pm$ 64.513 χ^2 /NDF:20.4/14
 Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18
 Left In: -289.196 $\pm$ 68.507 χ^2 /NDF:9.6/12

Left: -264.176 $\pm$ 46.966 χ^2 /NDF: 30.3/27
 Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -95.600 $\pm$ 53.495 χ^2 /NDF:39.5/29
 Out: -133.267 $\pm$ 51.425 χ^2 /NDF:44.9/33

All: -115.176 $\pm$ 37.073 χ^2 /NDF: 84.7/63

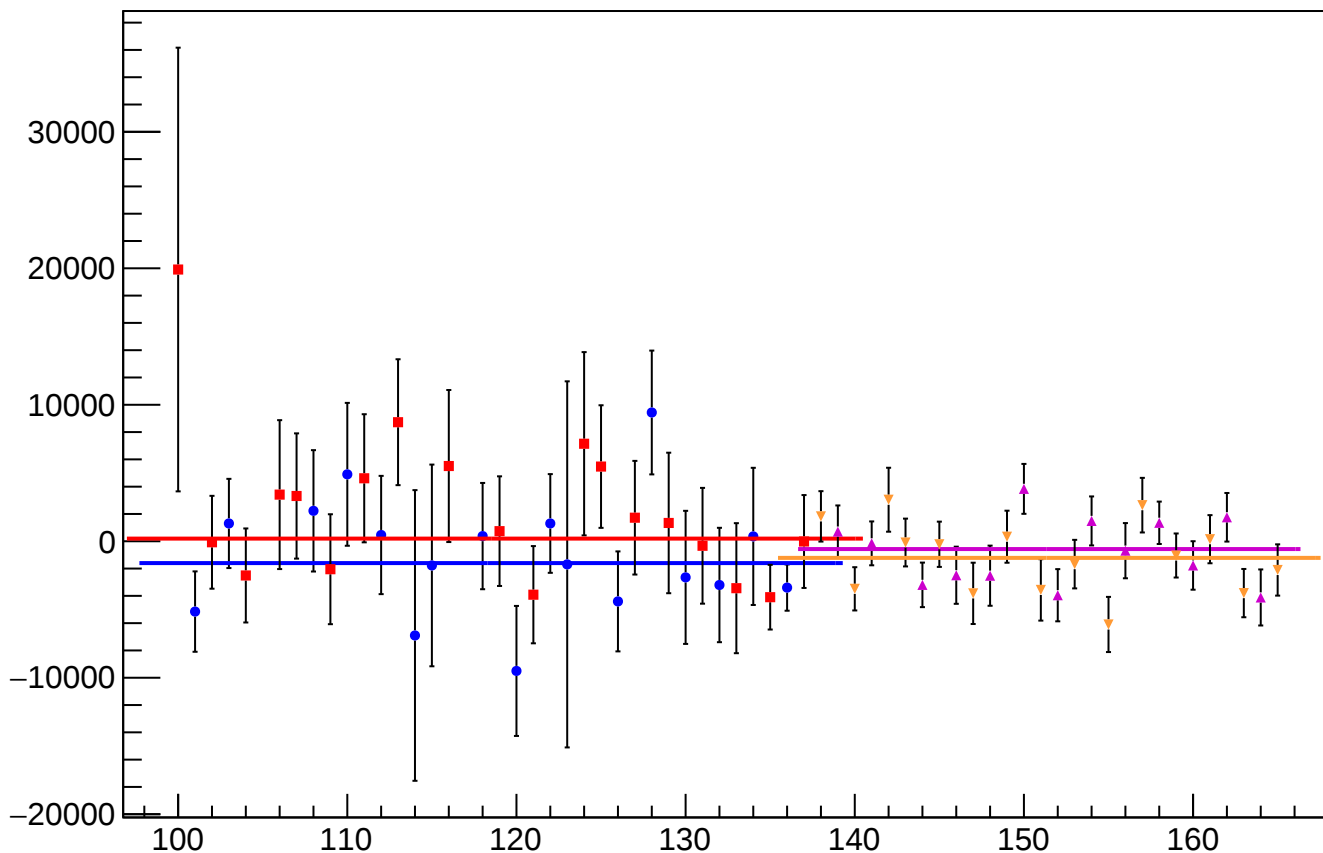
dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16
 Left Out: 216.276 $\pm$ 0.046 χ^2 /NDF: 105823.3/14
 Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18
 Left In: 220.532 $\pm$ 0.048 χ^2 /NDF: 102971.1/12

Left: 218.276 $\pm$ 0.033 χ^2 /NDF: 212885.7/27
 Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35
 In: 220.376 $\pm$ 0.038 χ^2 /NDF: 331441.6/29
 Out: 218.985 $\pm$ 0.036 χ^2 /NDF: 468737.1/33
 All: 219.653 $\pm$ 0.026 χ^2 /NDF: 800882.1/63

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -1217.603+/-479.247 χ^2/NDF : 24.5/14

Right Out: 194.970+/-947.480 χ^2/NDF : 16.3/18

Left In: -571.149+/-507.584 χ^2/NDF : 21.7/12

Left: -912.924+/-348.466 χ^2/NDF : 47.1/27

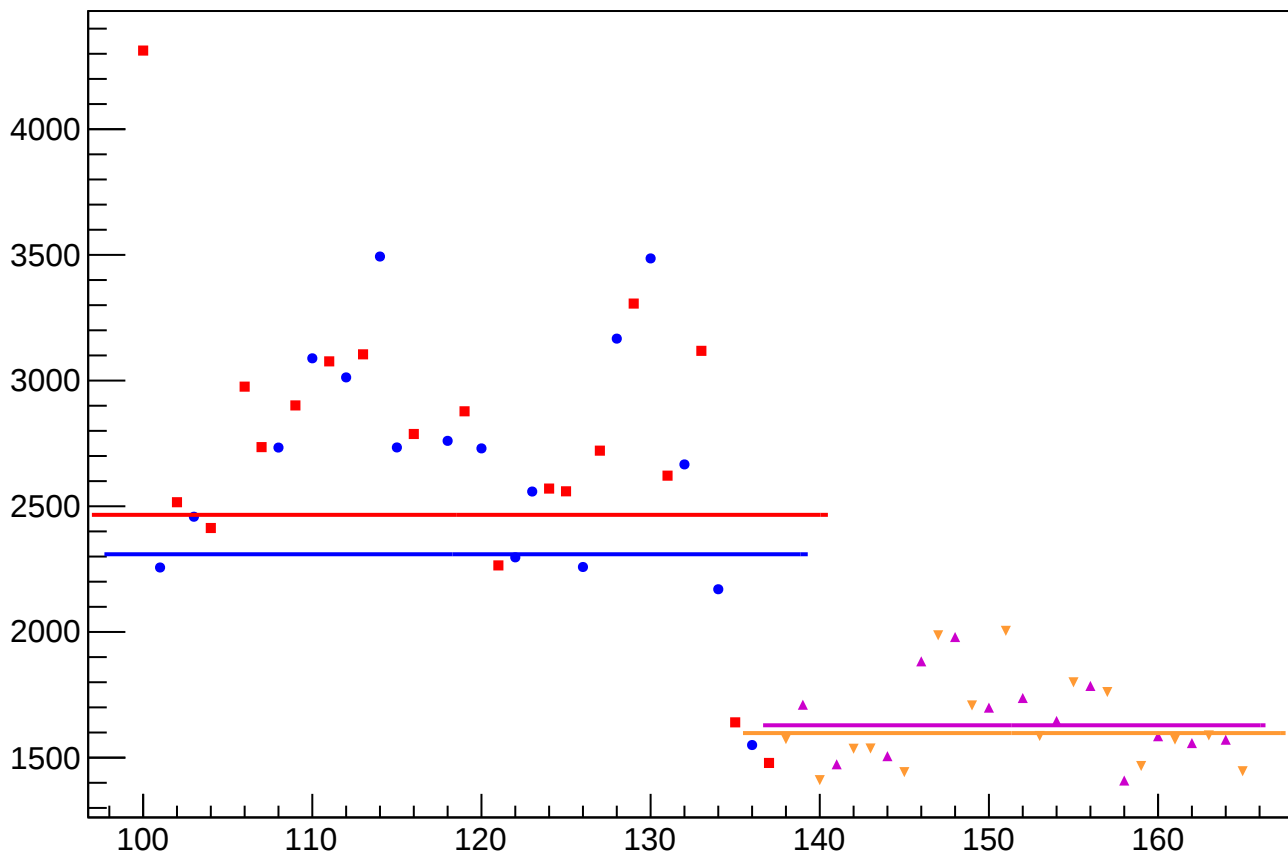
Right: -727.416+/-660.424 χ^2/NDF : 34.8/35

In: -810.605+/-444.547 χ^2/NDF : 39.3/29

Out: -929.828+/-427.652 χ^2/NDF : 42.6/33

All: -872.525+/-308.196 χ^2/NDF : 81.9/63

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: 1597.768 $\pm$ 0.339 χ^2 /NDF: 241767.0/14

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1628.779 $\pm$ 0.359 χ^2 /NDF: 181483.1/12

Left: 1612.384 $\pm$ 0.246 χ^2 /NDF: 427196.7/27

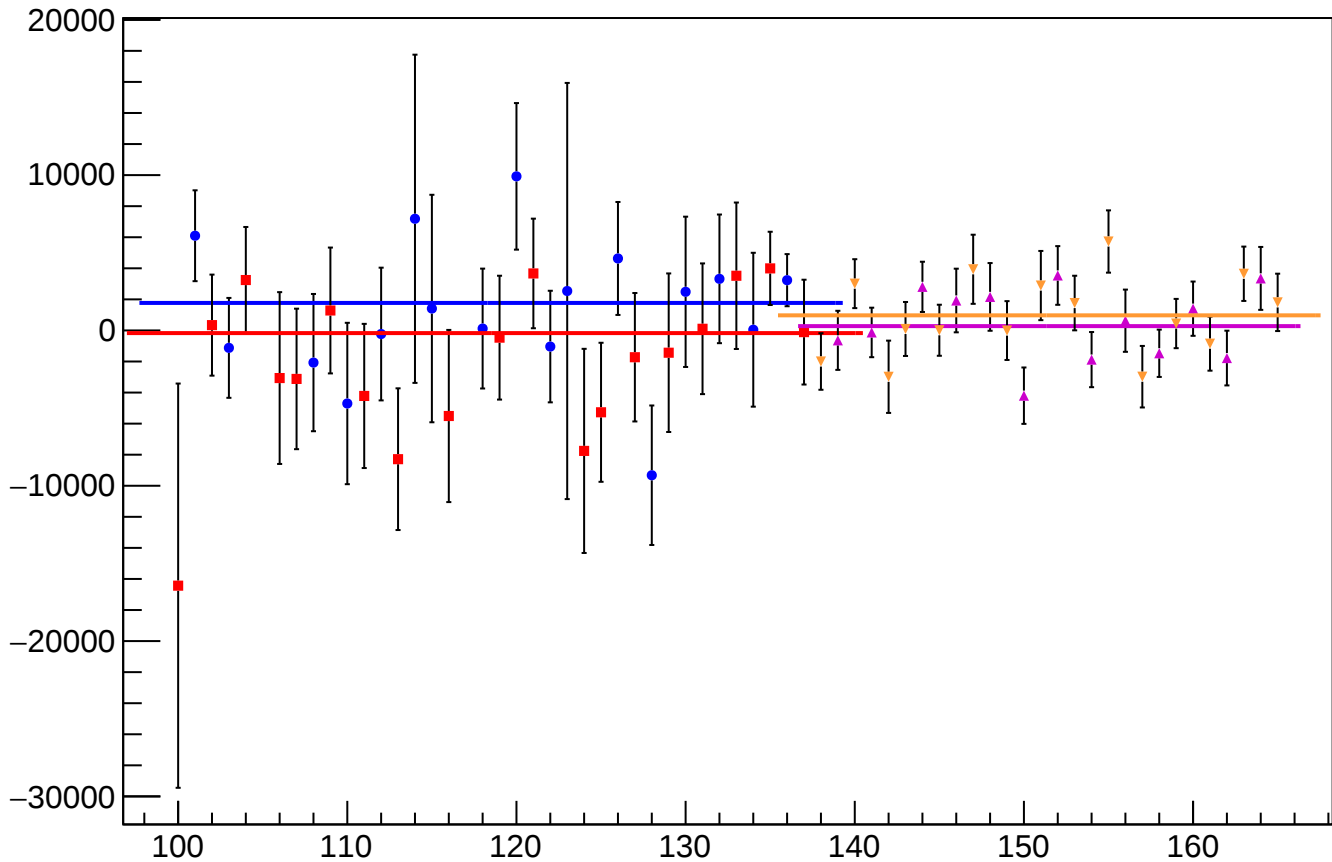
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1787.272 $\pm$ 0.314 χ^2 /NDF: 1819276.5/29

Out: 1774.627 $\pm$ 0.302 χ^2 /NDF: 2272831.1/33

All: 1780.705 $\pm$ 0.218 χ^2 /NDF: 4092948.0/63

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 972.161+/-474.122 χ^2/NDF : 24.2/14

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 277.948+/-501.517 χ^2/NDF : 20.1/12

Left: 644.532+/-344.533 χ^2/NDF : 45.3/27

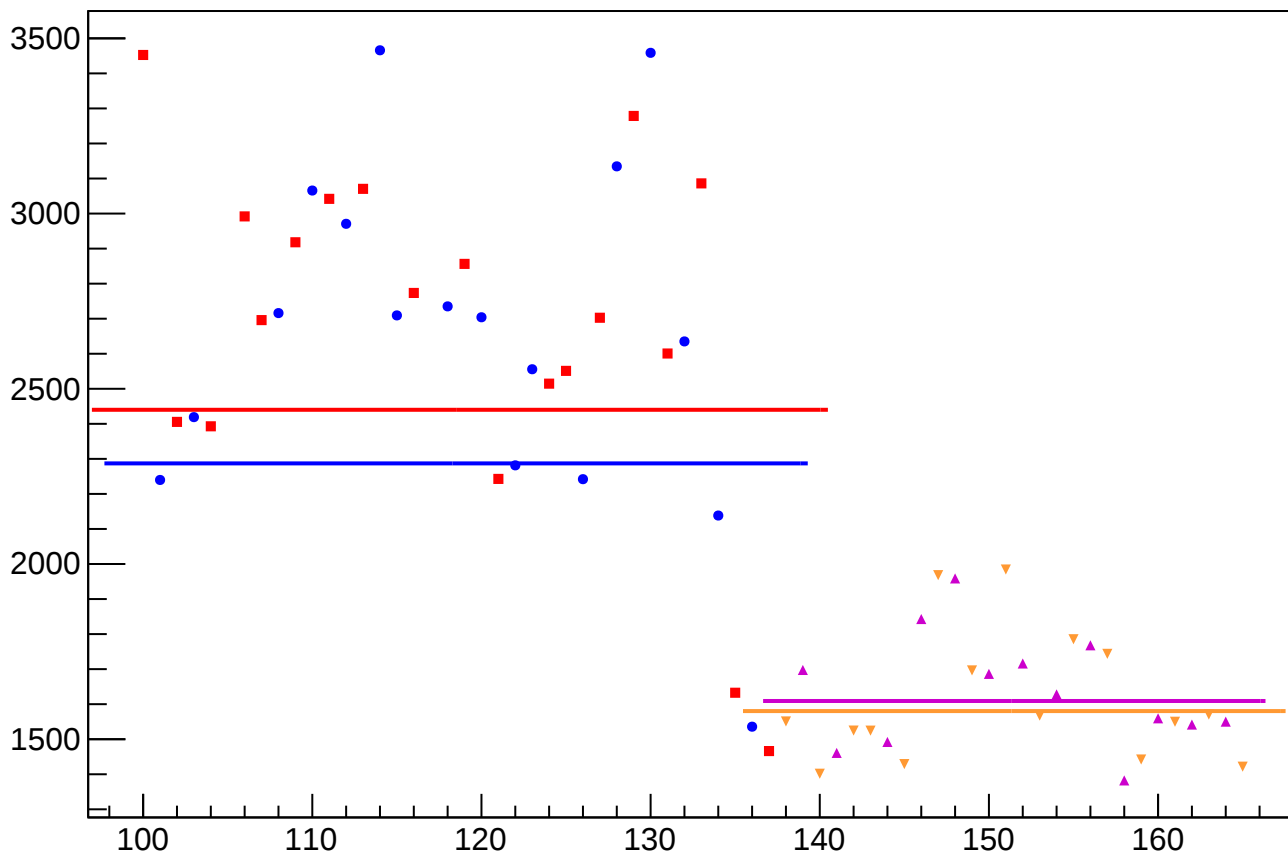
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 624.488+/-439.491 χ^2/NDF : 39.5/29

Out: 739.317+/-423.085 χ^2/NDF : 41.4/33

All: 684.085+/-304.801 χ^2/NDF : 80.9/63

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1580.308+/-0.335 χ^2/NDF : 245720.2/14

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1609.091+/-0.355 χ^2/NDF : 182951.2/12

Left: 1593.892+/-0.244 χ^2/NDF : 432149.9/27

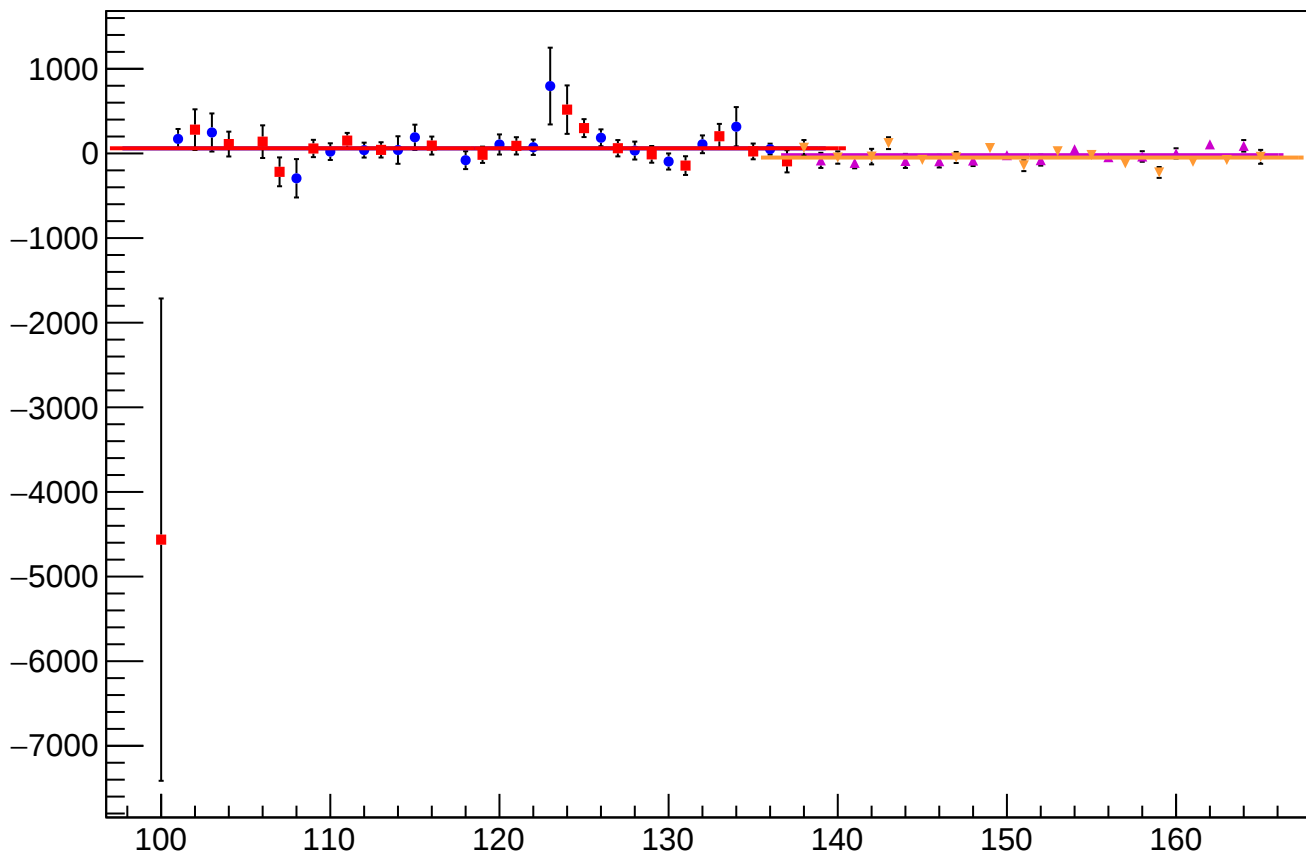
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1766.429+/-0.311 χ^2/NDF : 1830611.8/29

Out: 1755.443+/-0.299 χ^2/NDF : 2264502.8/33

All: 1760.727+/-0.216 χ^2/NDF : 4095763.3/63

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -48.730+/-16.669 χ^2/NDF : 25.2/14

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -20.581+/-17.813 χ^2/NDF : 15.3/12

Left: -35.588+/-12.171 χ^2/NDF : 41.8/27

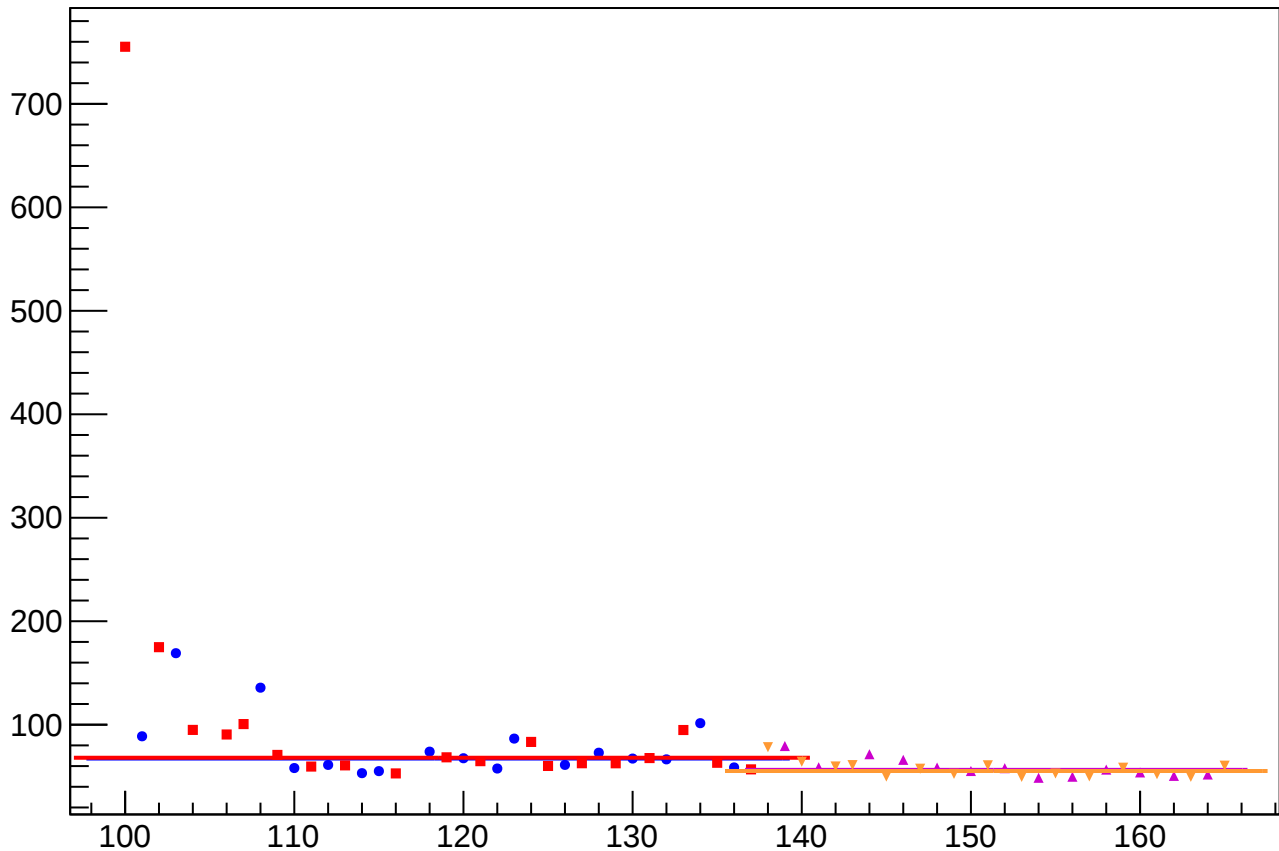
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 3.653+/-14.882 χ^2/NDF : 36.7/29

Out: -18.467+/-14.185 χ^2/NDF : 59.4/33

All: -7.937+/-10.268 χ^2/NDF : 97.3/63

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: 55.247 $\pm$ 0.012 χ^2 /NDF: 291047.0/14

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 56.346 $\pm$ 0.013 χ^2 /NDF: 340985.3/12

Left: 55.760 $\pm$ 0.009 χ^2 /NDF: 636089.7/27

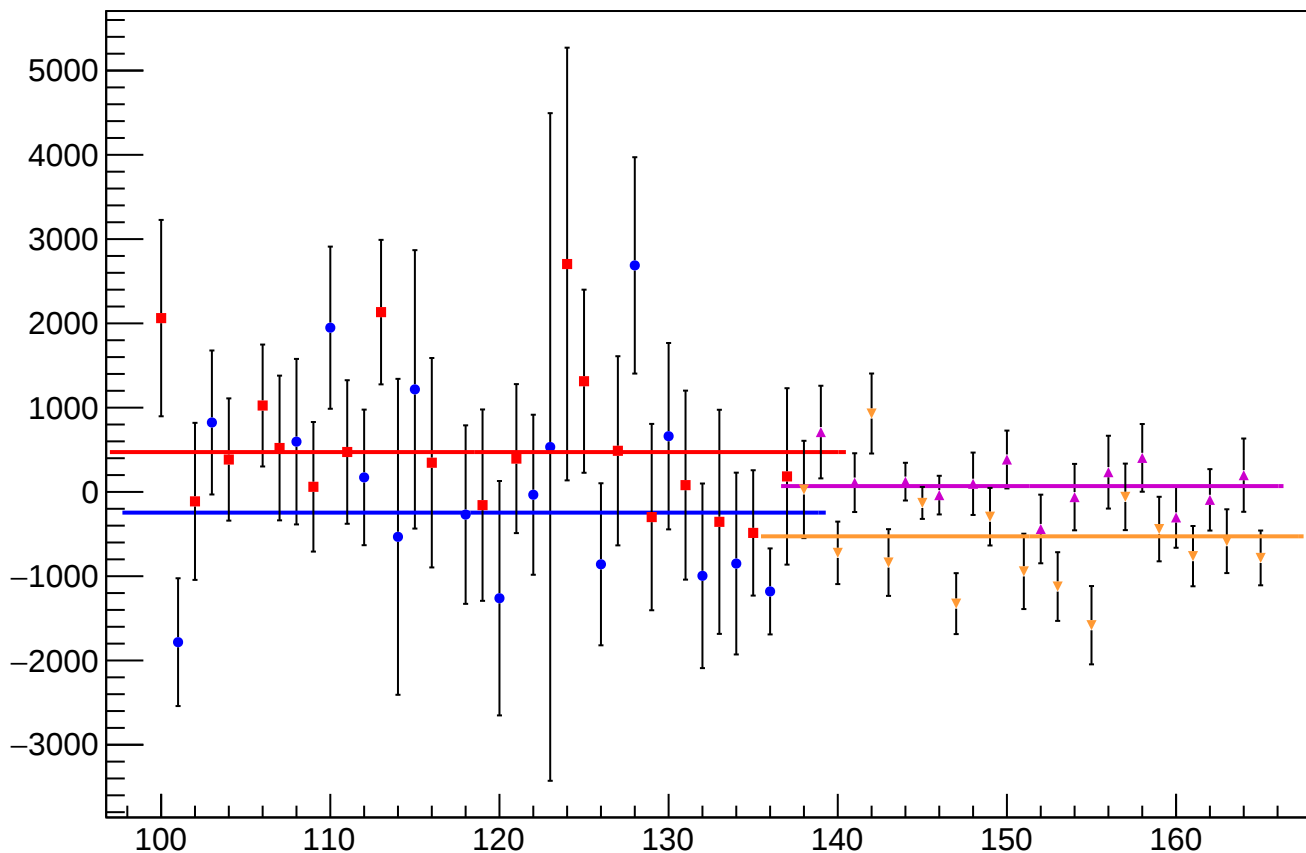
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 59.653 $\pm$ 0.011 χ^2 /NDF: 1410646.9/29

Out: 58.781 $\pm$ 0.010 χ^2 /NDF: 1487615.7/33

All: 59.196 $\pm$ 0.007 χ^2 /NDF: 2901861.0/63

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: -526.881 $\pm$ 91.952 χ^2 /NDF:31.6/14

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

Left In: 69.294 $\pm$ 94.981 χ^2 /NDF:6.4/12

Left: -238.449 $\pm$ 66.065 χ^2 /NDF: 58.3/27

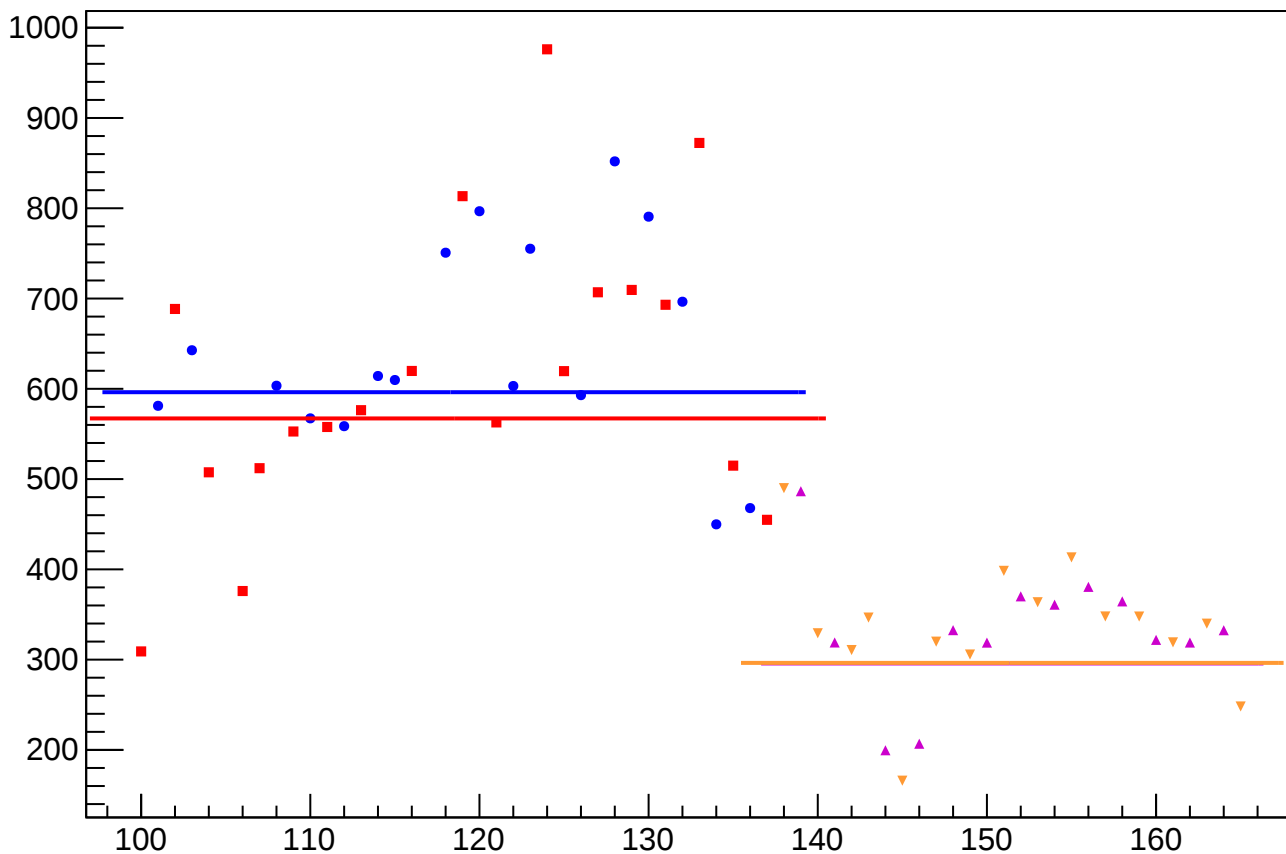
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: 25.204 $\pm$ 88.081 χ^2 /NDF:31.7/29

Out: -376.842 $\pm$ 84.772 χ^2 /NDF:60.7/33

All: -183.514 $\pm$ 61.079 χ^2 /NDF: 103.2/63

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 296.391+/-0.065 χ^2/NDF :1663488.9/14

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 295.749+/-0.067 χ^2/NDF :1238493.1/12

Left: 296.081+/-0.047 χ^2/NDF : 2902029.3/27

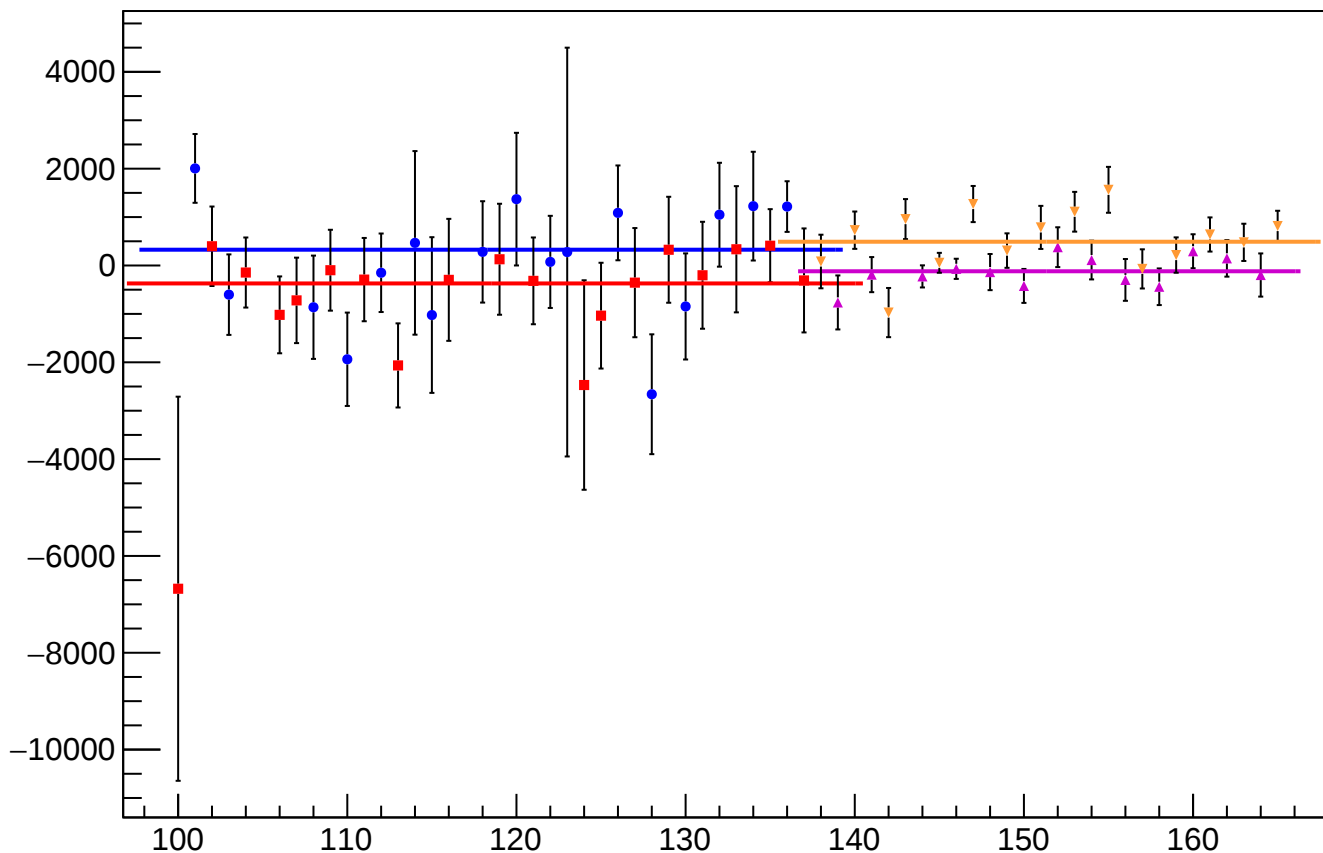
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 337.820+/-0.062 χ^2/NDF :4463353.9/29

Out: 337.030+/-0.060 χ^2/NDF :4941872.0/33

All: 337.410+/-0.043 χ^2/NDF : 9405309.3/63

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 490.831 $\pm$ 94.363 χ^2/NDF :31.2/14

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: -119.432 $\pm$ 94.067 χ^2/NDF :7.0/12

Left: 184.739 $\pm$ 66.620 χ^2/NDF : 59.1/27

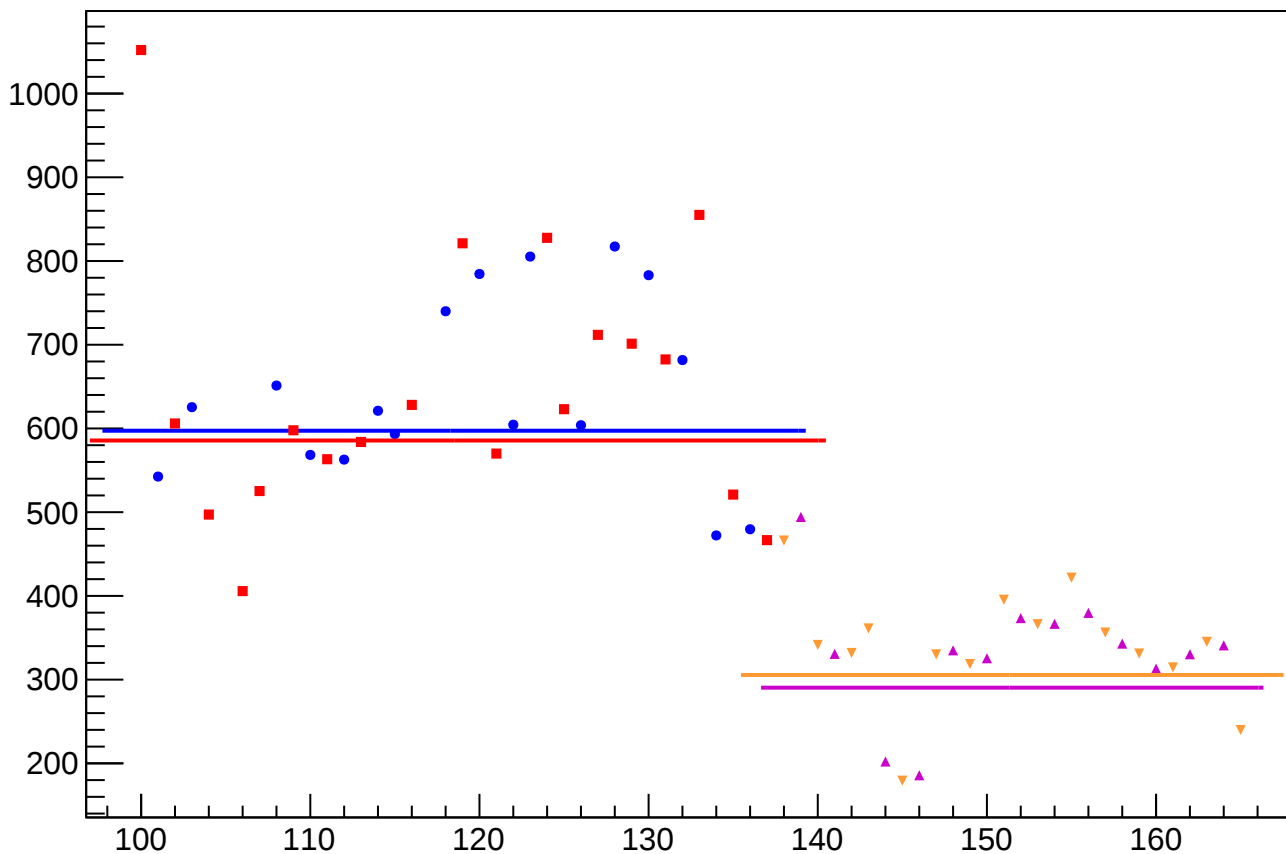
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: -58.177 $\pm$ 87.361 χ^2/NDF :36.9/29

Out: 361.855 $\pm$ 87.014 χ^2/NDF :55.2/33

All: 152.675 $\pm$ 61.650 χ^2/NDF : 103.7/63

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 305.556 $\pm$ 0.067 χ^2 /NDF:1388341.7/14

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 290.394 $\pm$ 0.067 χ^2 /NDF:1478434.8/12

Left: 297.951 $\pm$ 0.047 χ^2 /NDF: 2892677.4/27

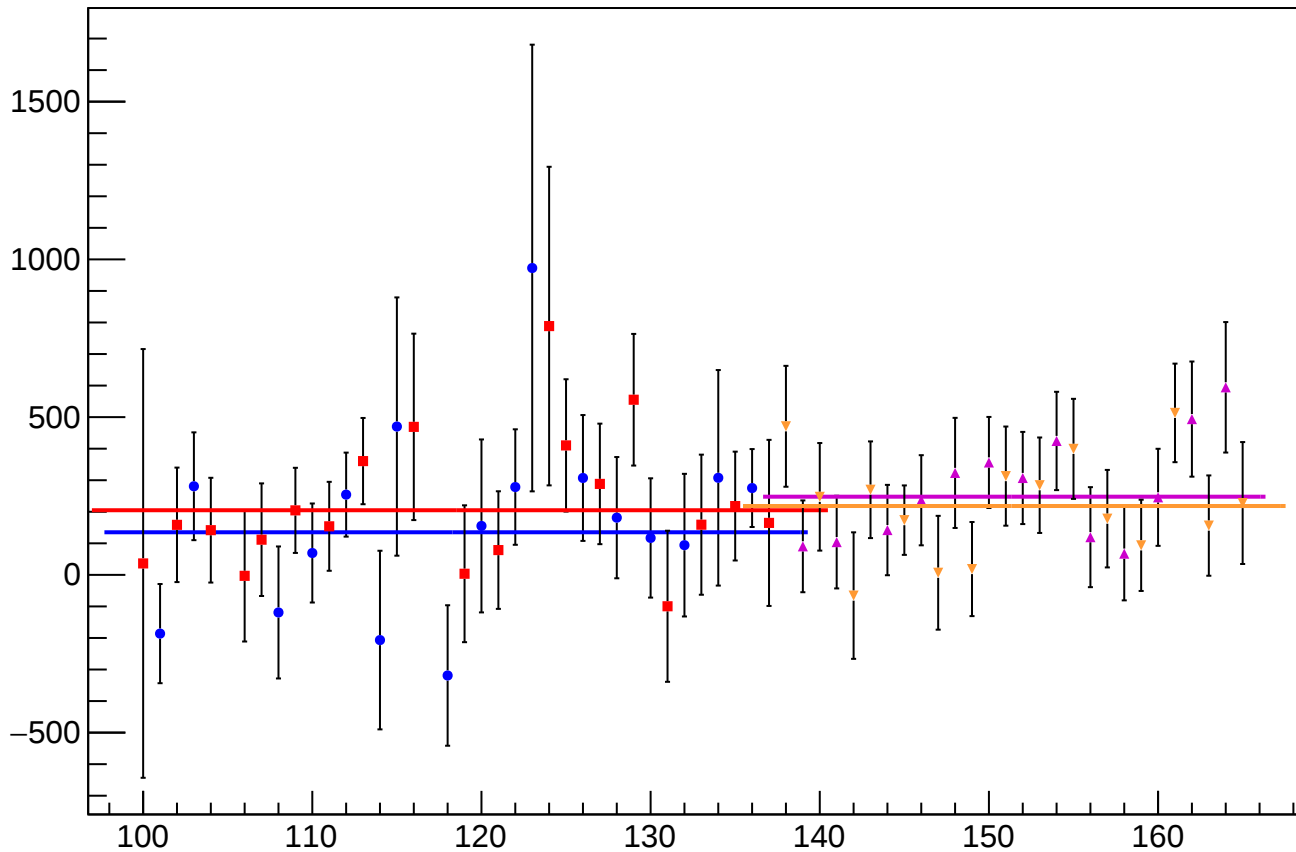
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 332.591 $\pm$ 0.062 χ^2 /NDF:4769276.5/29

Out: 347.482 $\pm$ 0.062 χ^2 /NDF:4500205.5/33

All: 340.066 $\pm$ 0.044 χ^2 /NDF: 9298650.4/63

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: 218.281 $\pm$ 40.545 χ^2 /NDF:13.6/14

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 247.822 $\pm$ 42.980 χ^2 /NDF:11.7/12

Left: 232.191 $\pm$ 29.493 χ^2 /NDF: 25.5/27

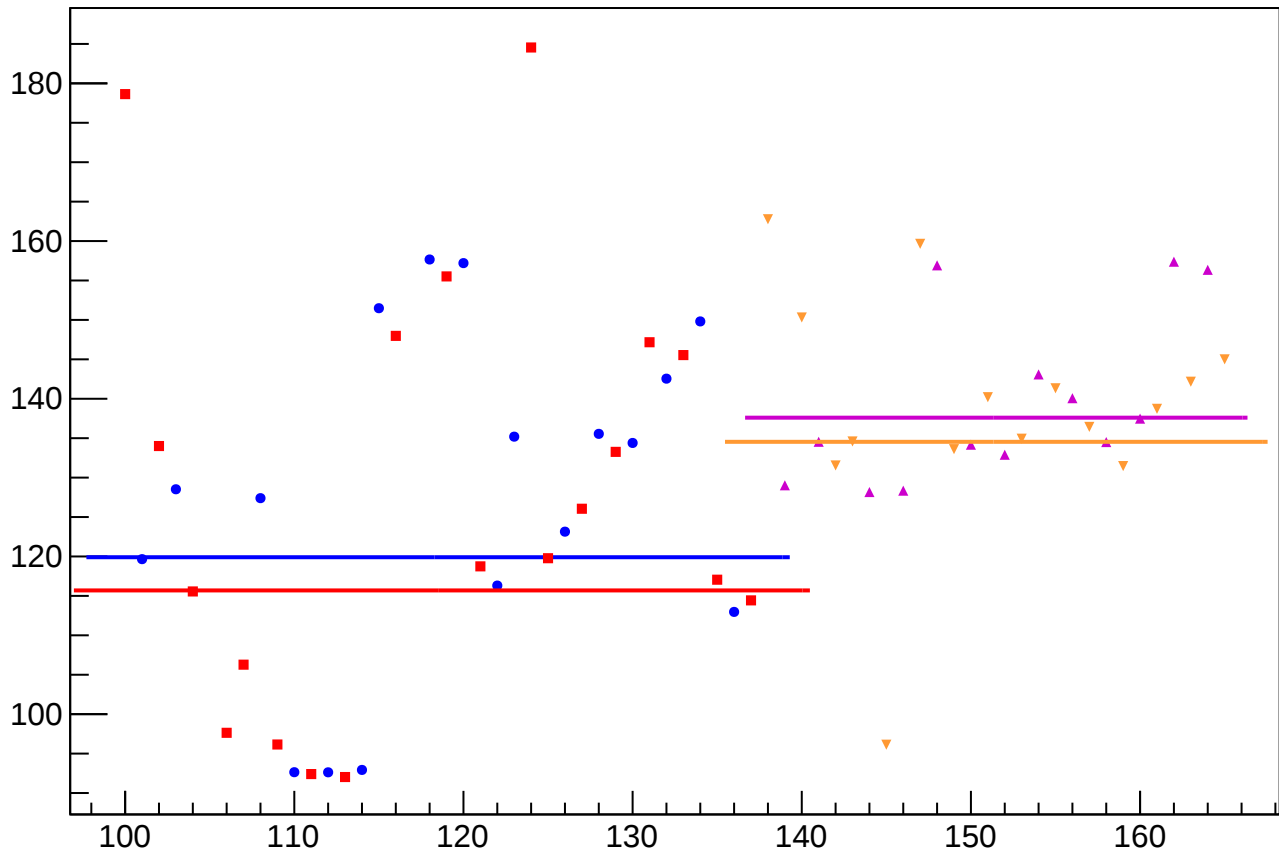
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 196.484 $\pm$ 31.725 χ^2 /NDF:32.8/29

Out: 212.187 $\pm$ 29.952 χ^2 /NDF:25.8/33

All: 204.786 $\pm$ 21.779 χ^2 /NDF: 58.7/63

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 134.539 $\pm$ 0.029 χ^2/NDF :362730.3/14

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 137.601 $\pm$ 0.030 χ^2/NDF :96371.4/12

Left: 135.981 $\pm$ 0.021 χ^2/NDF : 464473.6/27

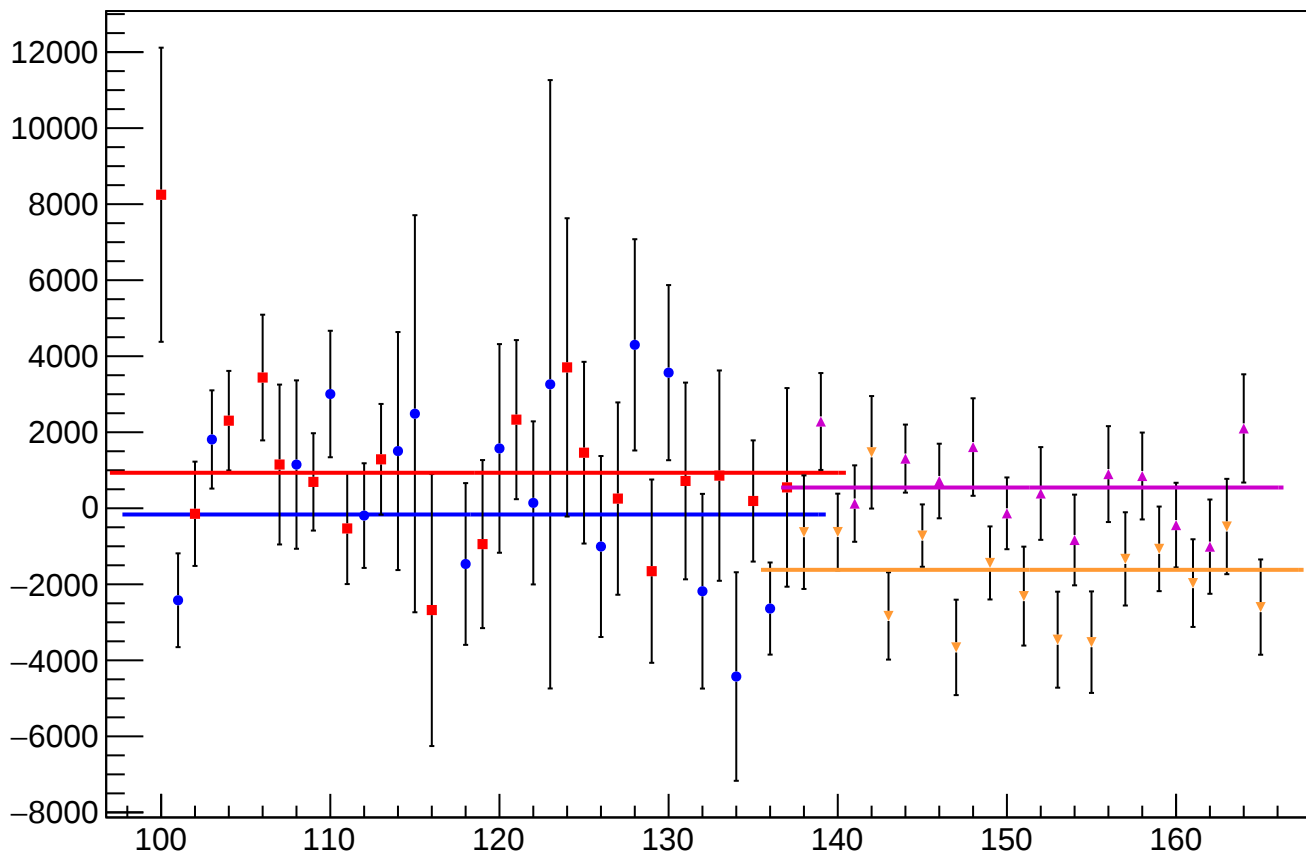
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 129.546 $\pm$ 0.022 χ^2/NDF :596230.9/29

Out: 125.978 $\pm$ 0.021 χ^2/NDF :994372.1/33

All: 127.660 $\pm$ 0.015 χ^2/NDF : 1603979.5/63

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: -1619.319 $\pm$ 299.825 χ^2 /NDF:17.0/14

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 546.013 $\pm$ 310.965 χ^2 /NDF:9.1/12

Left: -576.132 $\pm$ 215.839 χ^2 /NDF: 51.2/27

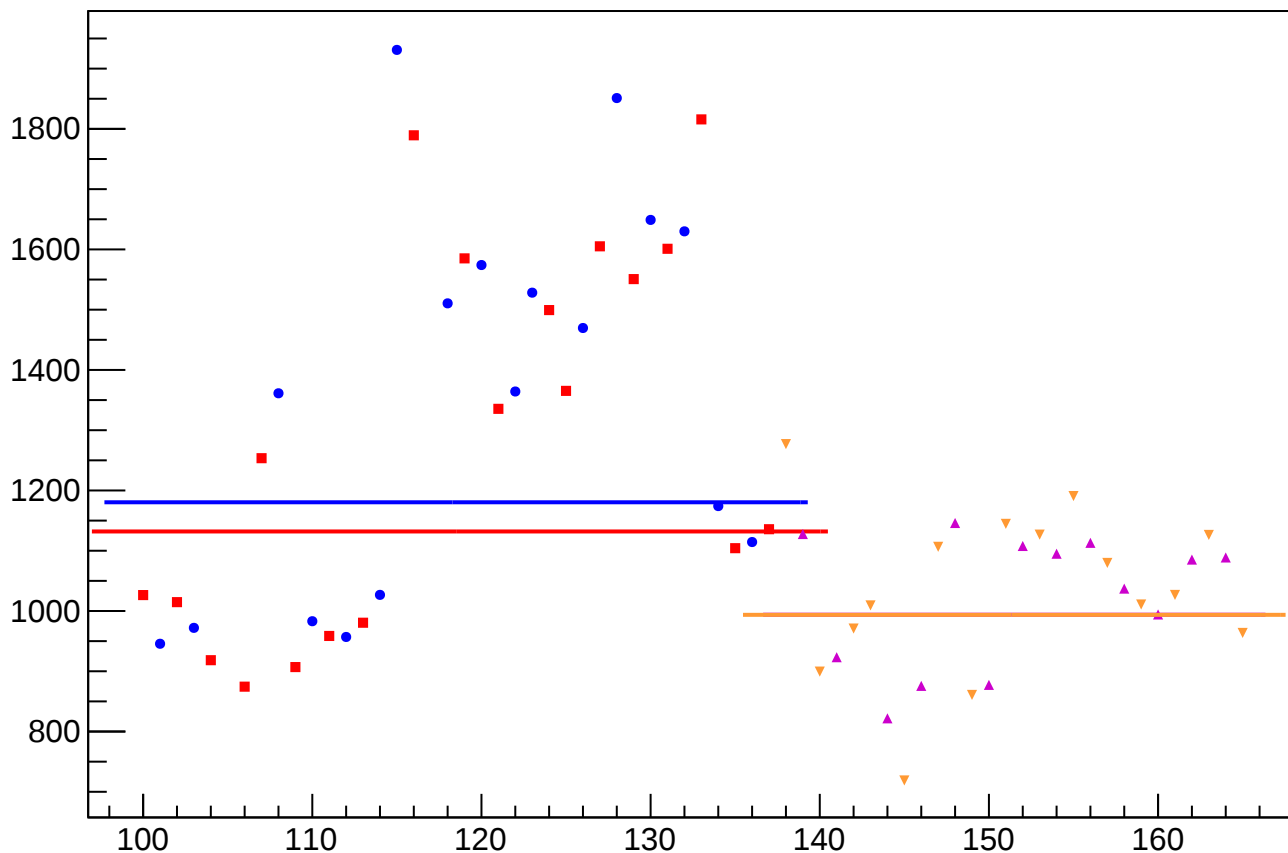
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 329.715 $\pm$ 259.272 χ^2 /NDF:34.3/29

Out: -803.736 $\pm$ 247.347 χ^2 /NDF:53.1/33

All: -263.673 $\pm$ 178.968 χ^2 /NDF: 97.4/63

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: 993.638 $\pm$ 0.212 χ^2 /NDF: 497192.4/14

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 993.835 $\pm$ 0.220 χ^2 /NDF: 265682.6/12

Left: 993.733 $\pm$ 0.153 χ^2 /NDF: 762875.4/27

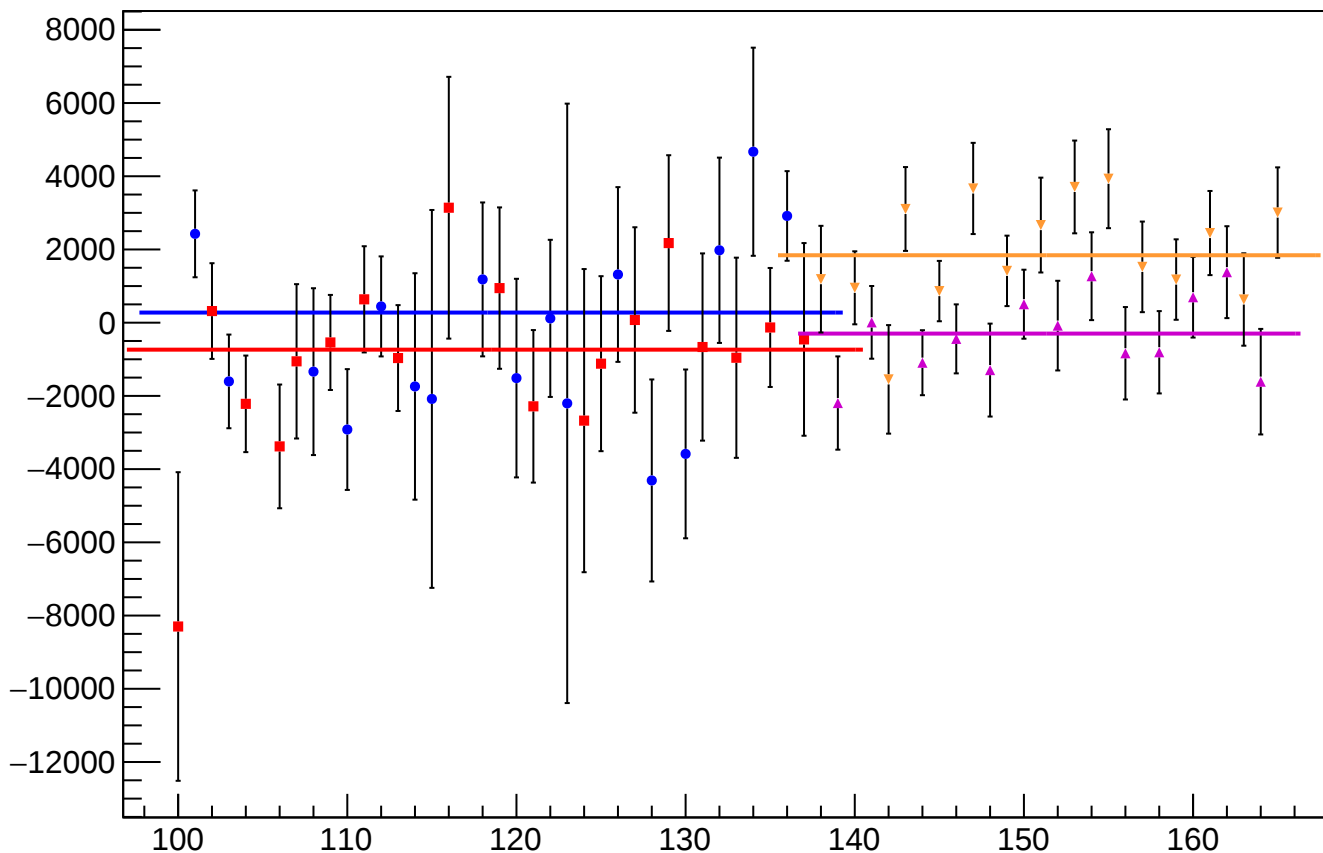
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1050.708 $\pm$ 0.183 χ^2 /NDF: 1153983.9/29

Out: 1037.827 $\pm$ 0.175 χ^2 /NDF: 1395102.7/33

All: 1043.964 $\pm$ 0.127 χ^2 /NDF: 2551671.2/63

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1841.991 $\pm$ 299.073 χ^2 /NDF:18.7/14

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -297.847 $\pm$ 308.720 χ^2 /NDF:10.0/12

Left: 806.025 $\pm$ 214.806 χ^2 /NDF: 53.5/27

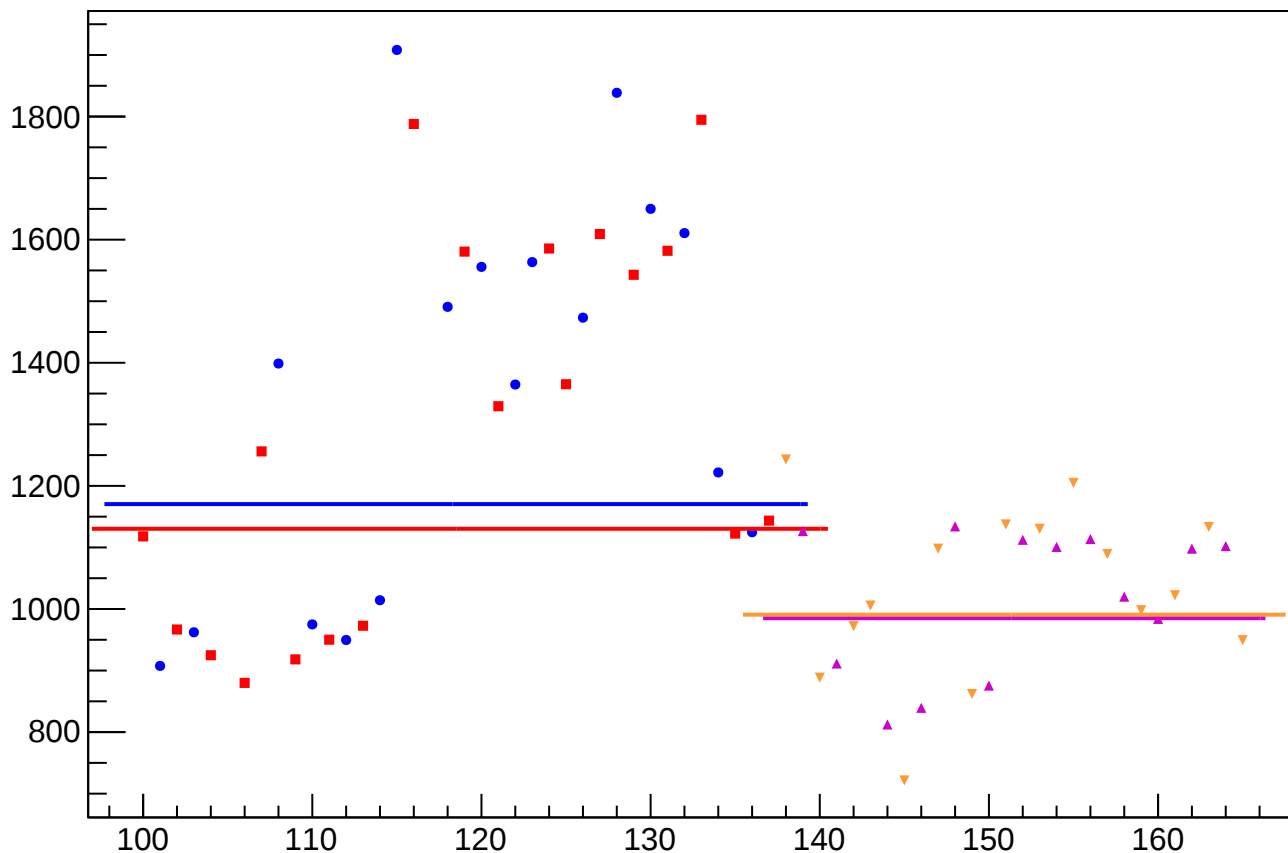
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -122.905 $\pm$ 257.437 χ^2 /NDF:35.4/29

Out: 1020.588 $\pm$ 246.889 χ^2 /NDF:55.2/33

All: 472.748 $\pm$ 178.189 χ^2 /NDF: 100.9/63

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 990.813+/-0.211 χ^2/NDF : 487917.4/14

Right Out: 1130.322+/-0.309 χ^2/NDF : 763044.5/18

Left In: 985.046+/-0.218 χ^2/NDF : 306093.7/12

Left: 988.021+/-0.152 χ^2/NDF : 794371.2/27

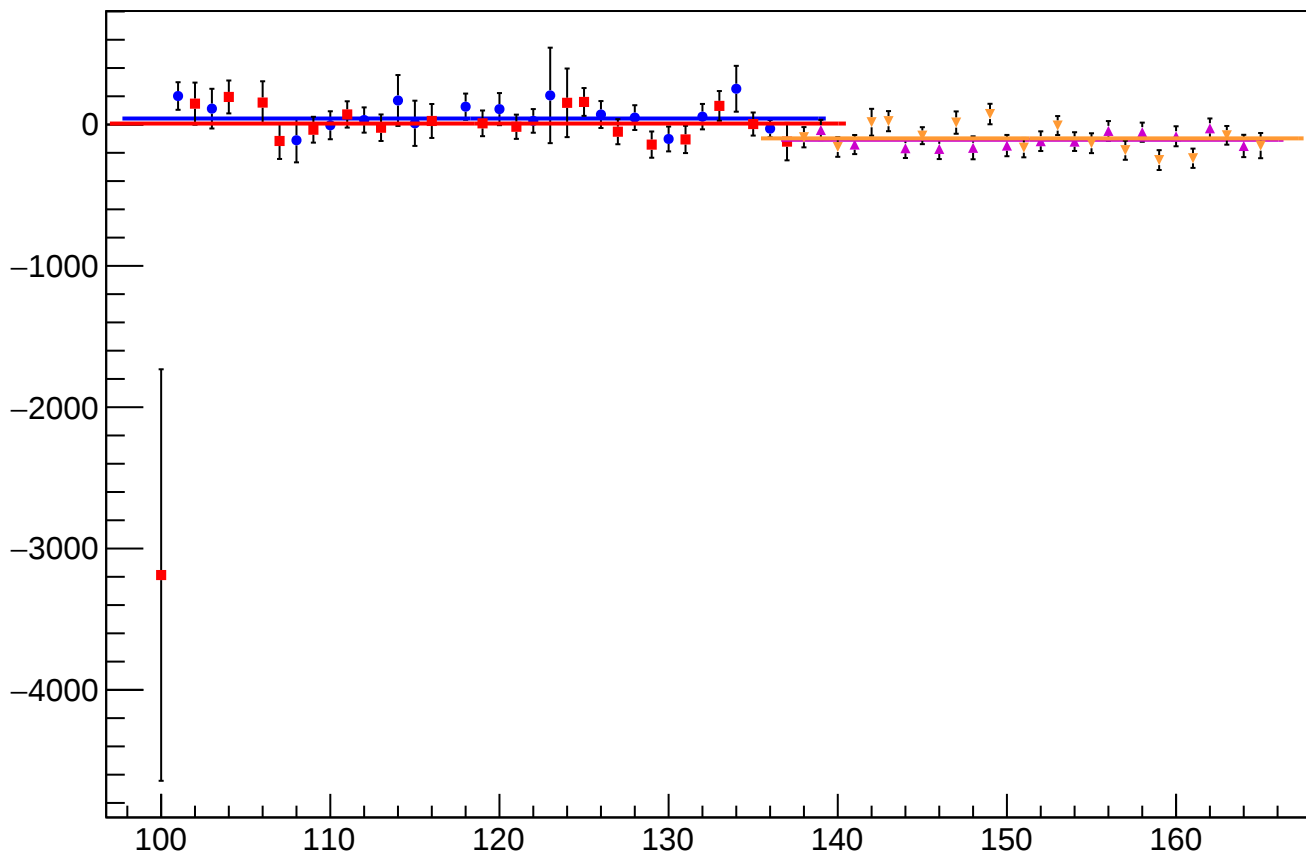
Right: 1149.080+/-0.226 χ^2/NDF : 1476389.1/35

In: 1041.512+/-0.182 χ^2/NDF : 1231217.5/29

Out: 1035.251+/-0.175 χ^2/NDF : 1389582.6/33

All: 1038.251+/-0.126 χ^2/NDF : 2621416.4/63

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -97.836 ± 18.368 $\chi^2/\text{NDF}: 26.9/14$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -107.793 ± 19.739 $\chi^2/\text{NDF}: 6.8/12$

Left: -102.457 ± 13.447 $\chi^2/\text{NDF}: 33.8/27$

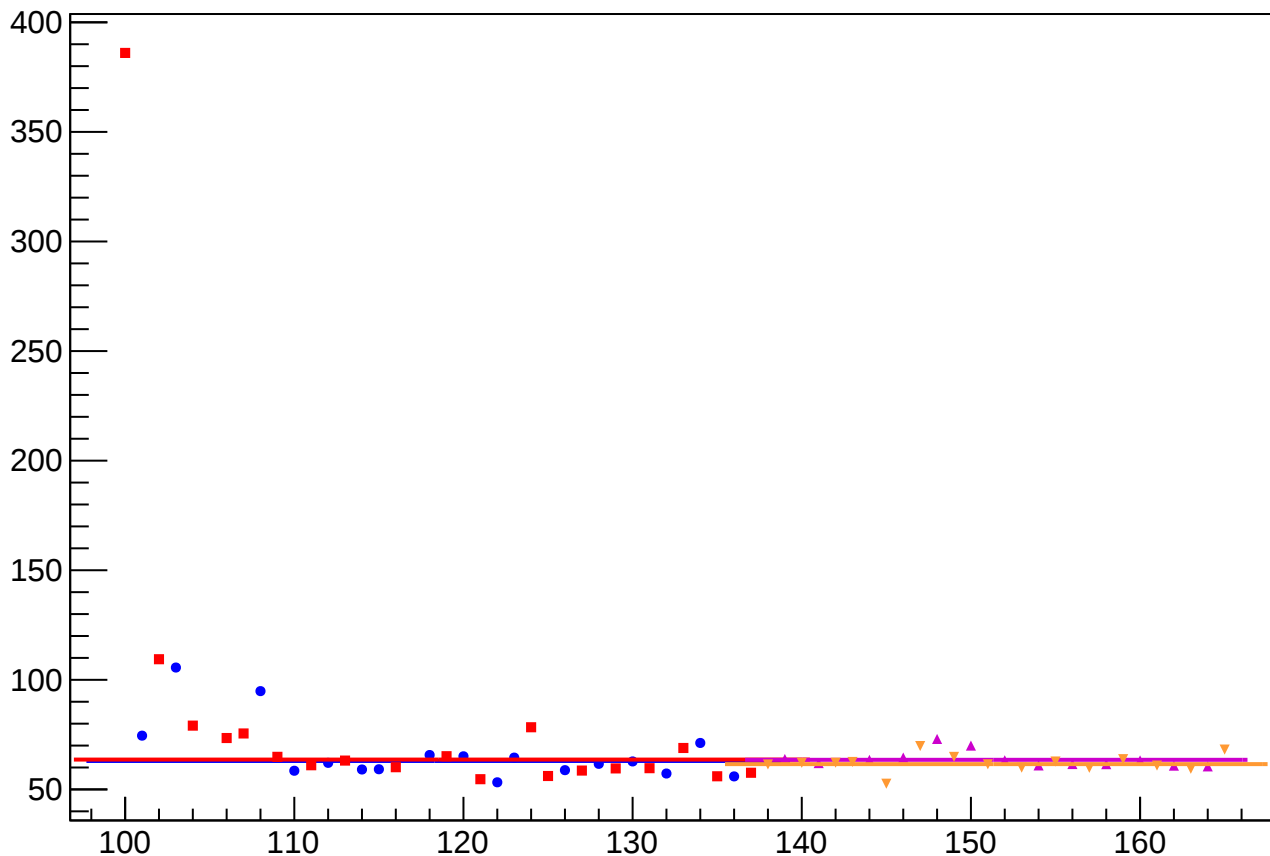
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -49.154 ± 15.420 $\chi^2/\text{NDF}: 41.4/29$

Out: -60.058 ± 14.694 $\chi^2/\text{NDF}: 59.2/33$

All: -54.869 ± 10.638 $\chi^2/\text{NDF}: 100.9/63$

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: 61.538 $\pm$ 0.013 χ^2 /NDF: 89206.0/14

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.505 $\pm$ 0.014 χ^2 /NDF: 55908.1/12

Left: 62.451 $\pm$ 0.010 χ^2 /NDF: 155758.9/27

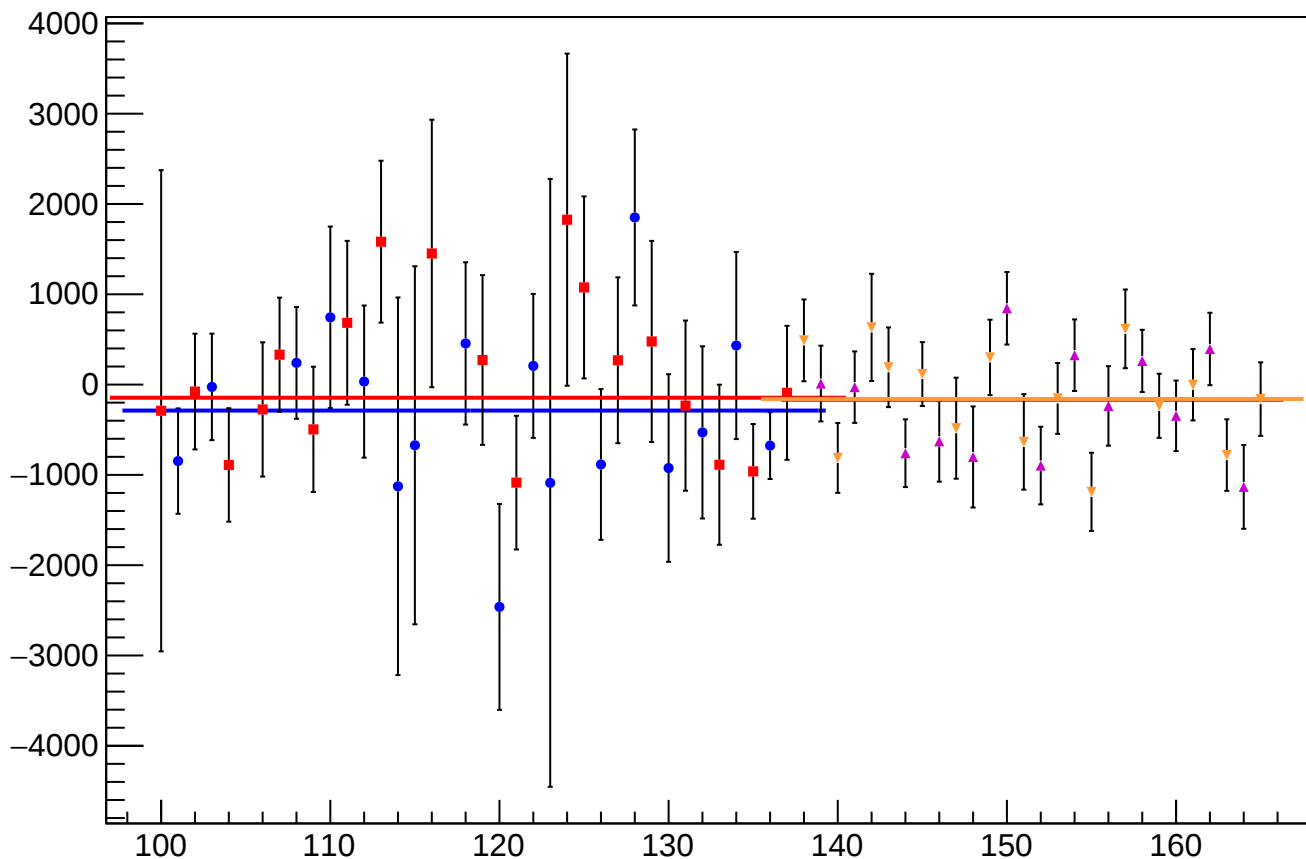
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.301 $\pm$ 0.011 χ^2 /NDF: 431723.6/29

Out: 62.285 $\pm$ 0.010 χ^2 /NDF: 531945.0/33

All: 62.769 $\pm$ 0.008 χ^2 /NDF: 968212.3/63

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -158.830 $\pm$ 109.168 χ^2 /NDF:21.8/14

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -168.452 $\pm$ 114.451 χ^2 /NDF:24.0/12

Left: -163.414 $\pm$ 78.995 χ^2 /NDF: 45.8/27

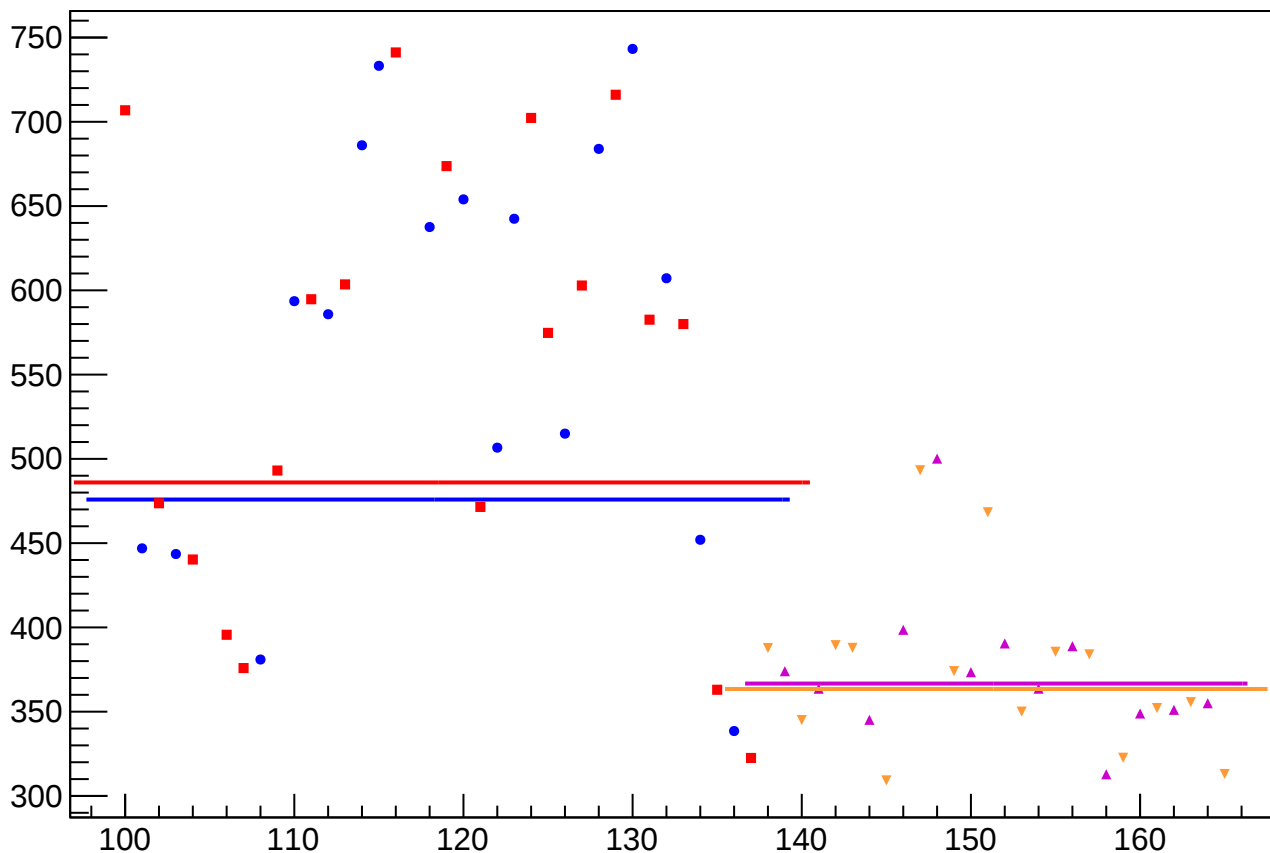
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -200.224 $\pm$ 98.023 χ^2 /NDF:39.6/29

Out: -155.410 $\pm$ 94.318 χ^2 /NDF:37.8/33

All: -176.954 $\pm$ 67.965 χ^2 /NDF: 77.6/63

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 363.461+/-0.077 χ^2/NDF : 326577.2/14

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 366.684+/-0.081 χ^2/NDF : 200289.4/12

Left: 364.996+/-0.056 χ^2/NDF : 527697.1/27

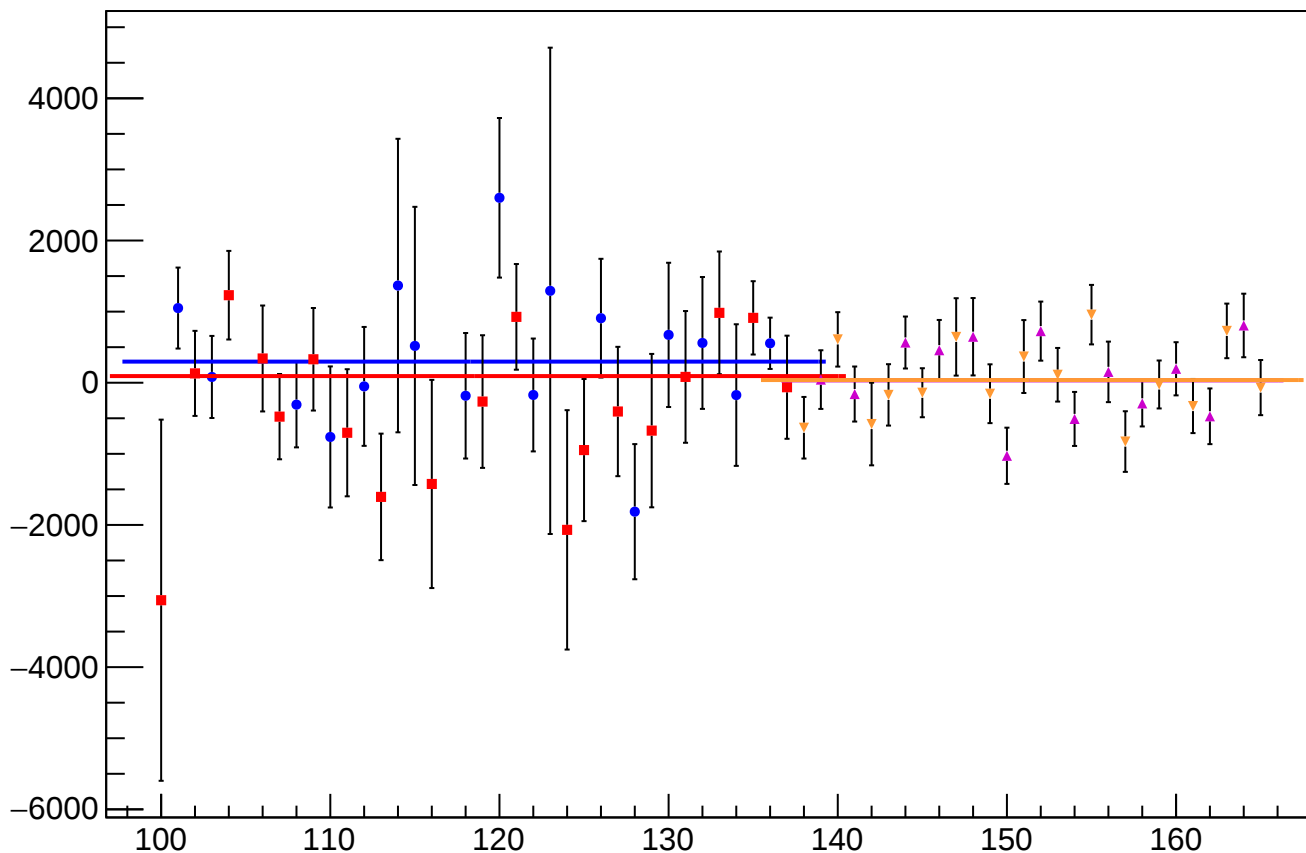
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 395.780+/-0.069 χ^2/NDF : 1523151.4/29

Out: 394.533+/-0.067 χ^2/NDF : 1695739.3/33

All: 395.132+/-0.048 χ^2/NDF : 3219058.7/63

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: 37.630 $\pm$ 105.820 χ^2 /NDF:21.4/14

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 32.769 $\pm$ 110.581 χ^2 /NDF:22.6/12

Left: 35.307 $\pm$ 76.454 χ^2 /NDF: 44.0/27

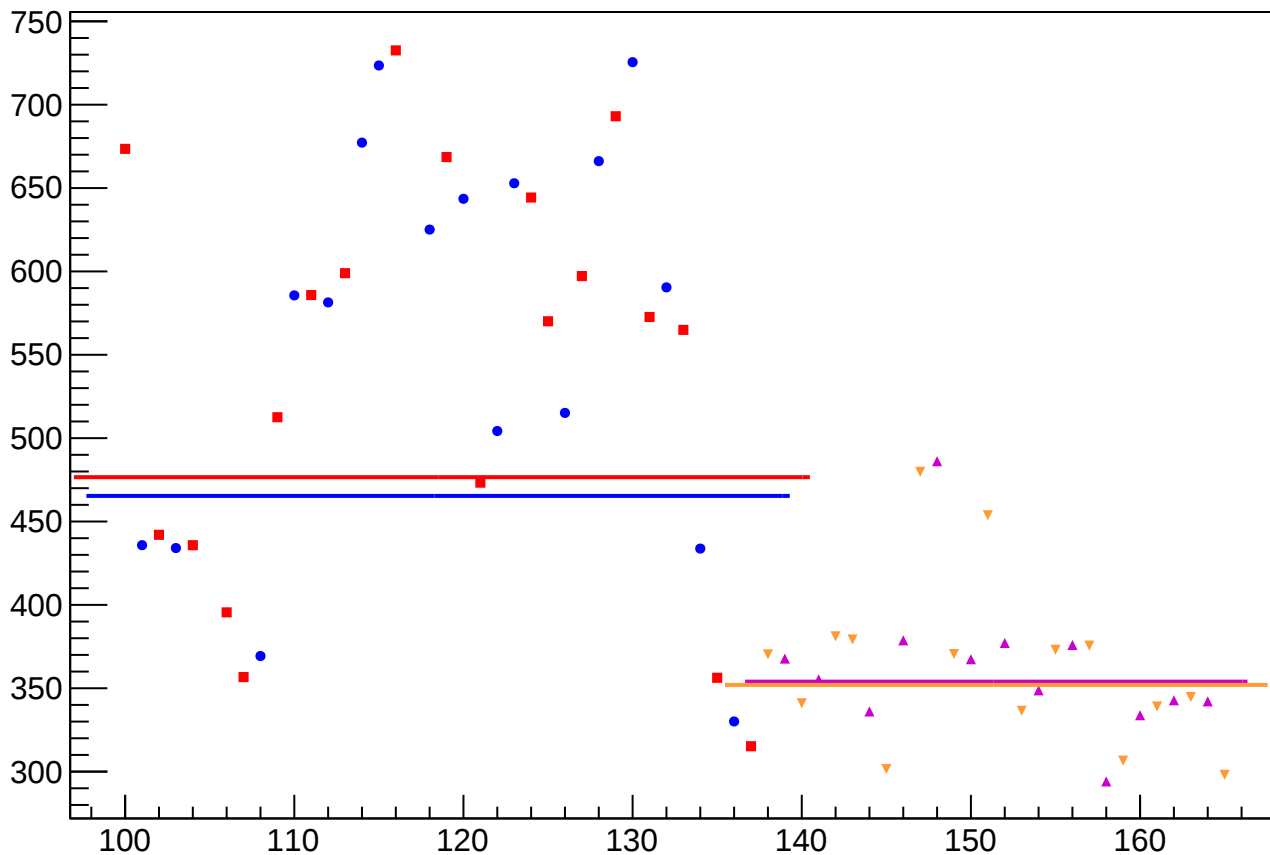
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 101.783 $\pm$ 95.048 χ^2 /NDF:39.9/29

Out: 51.532 $\pm$ 91.721 χ^2 /NDF:41.6/33

All: 75.762 $\pm$ 66.002 χ^2 /NDF: 81.6/63

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 352.006 $\pm$ 0.075 χ^2/NDF : 346738.1/14

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 353.960 $\pm$ 0.078 χ^2/NDF : 223180.8/12

Left: 352.940 $\pm$ 0.054 χ^2/NDF : 570244.8/27

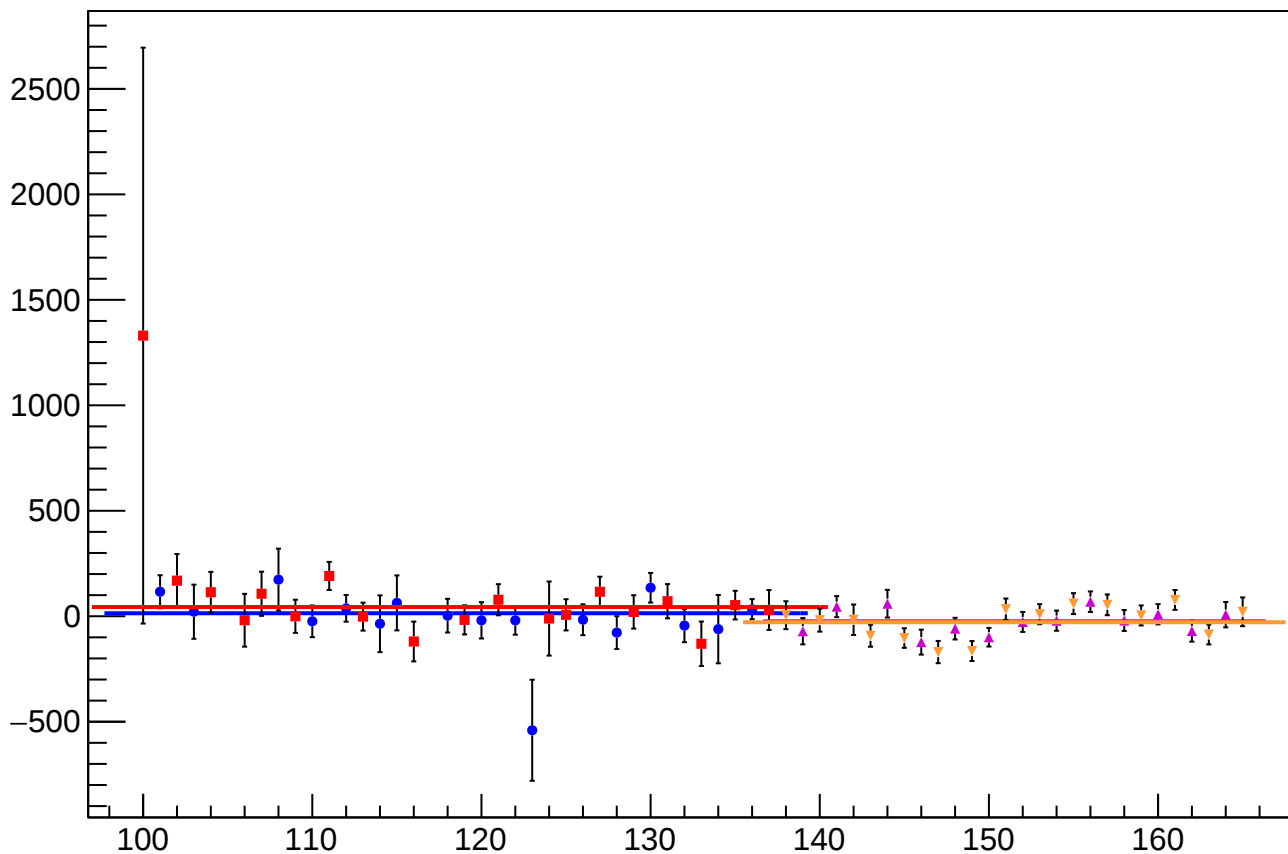
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 383.057 $\pm$ 0.067 χ^2/NDF : 1613729.8/29

Out: 382.994 $\pm$ 0.065 χ^2/NDF : 1789226.7/33

All: 383.024 $\pm$ 0.047 χ^2/NDF : 3402957.0/63

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: -28.341 $\pm$ 13.349 χ^2 /NDF:35.6/14

Right Out: 43.602 $\pm$ 19.648 χ^2 /NDF: 17.0/18

Left In: -23.889 $\pm$ 14.310 χ^2 /NDF:15.5/12

Left: -26.270 $\pm$ 9.761 χ^2 /NDF: 51.2/27

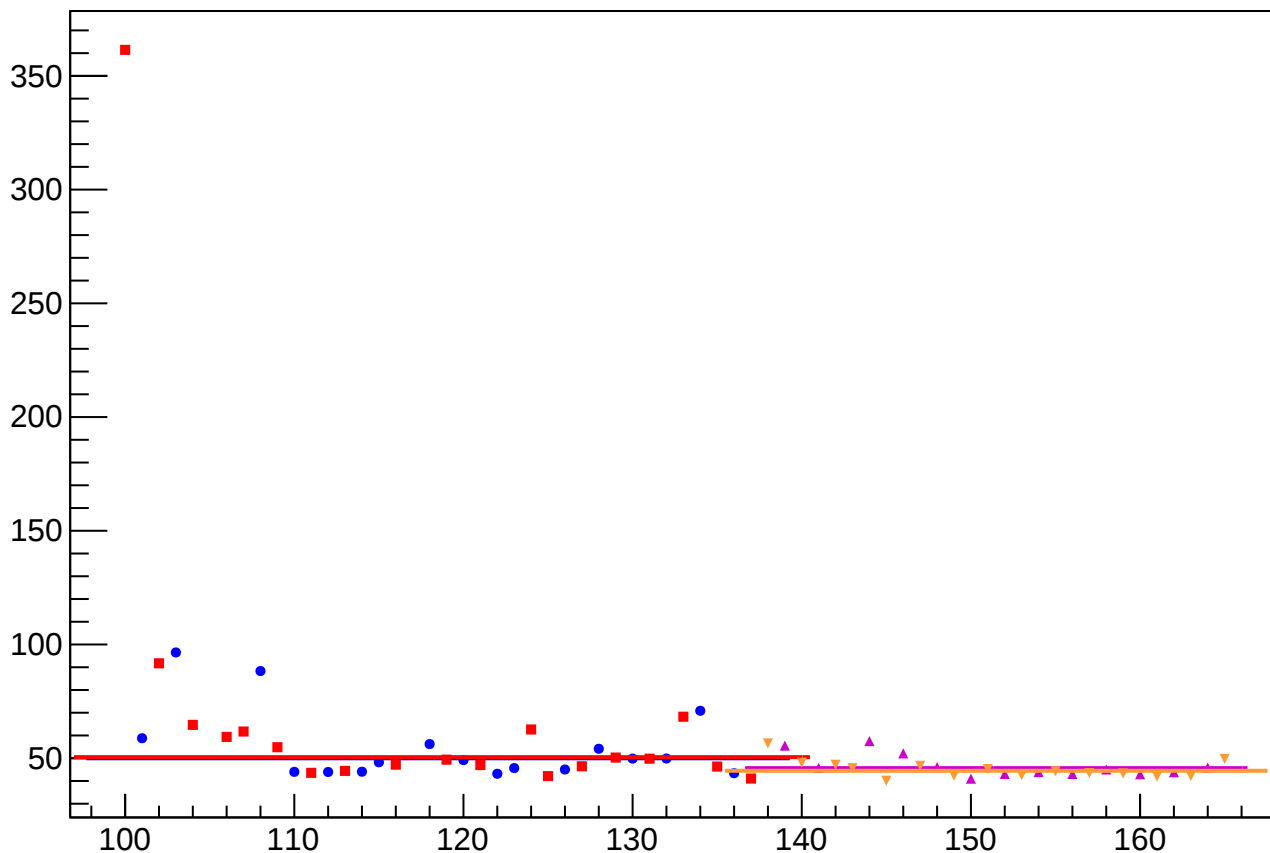
Right: 29.090 $\pm$ 13.970 χ^2 /NDF: 32.9/35

In: -10.860 $\pm$ 11.611 χ^2 /NDF:32.7/29

Out: -5.620 $\pm$ 11.041 χ^2 /NDF:61.9/33

All: -8.108 $\pm$ 8.001 χ^2 /NDF: 94.7/63

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 44.484+/-0.009 χ^2/NDF : 132417.0/14

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 45.641+/-0.010 χ^2/NDF : 185523.7/12

Left: 45.022+/-0.007 χ^2/NDF : 324927.9/27

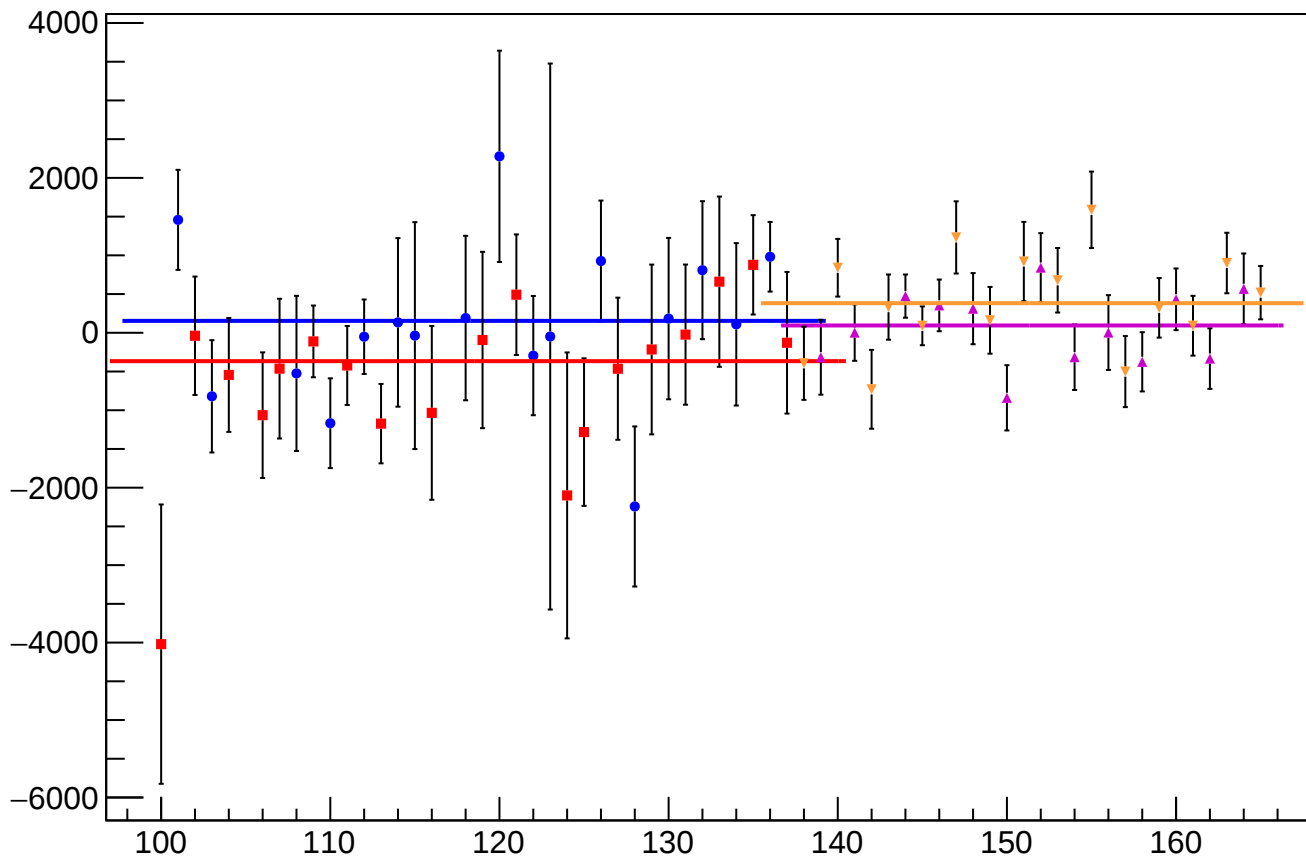
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 47.121+/-0.008 χ^2/NDF : 826898.4/29

Out: 46.375+/-0.008 χ^2/NDF : 830828.8/33

All: 46.729+/-0.006 χ^2/NDF : 1662055.5/63

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: 382.123 $\pm$ 103.154 χ^2 /NDF:27.7/14

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 94.627 $\pm$ 109.489 χ^2 /NDF:16.7/12

Left: 246.933 $\pm$ 75.080 χ^2 /NDF: 48.0/27

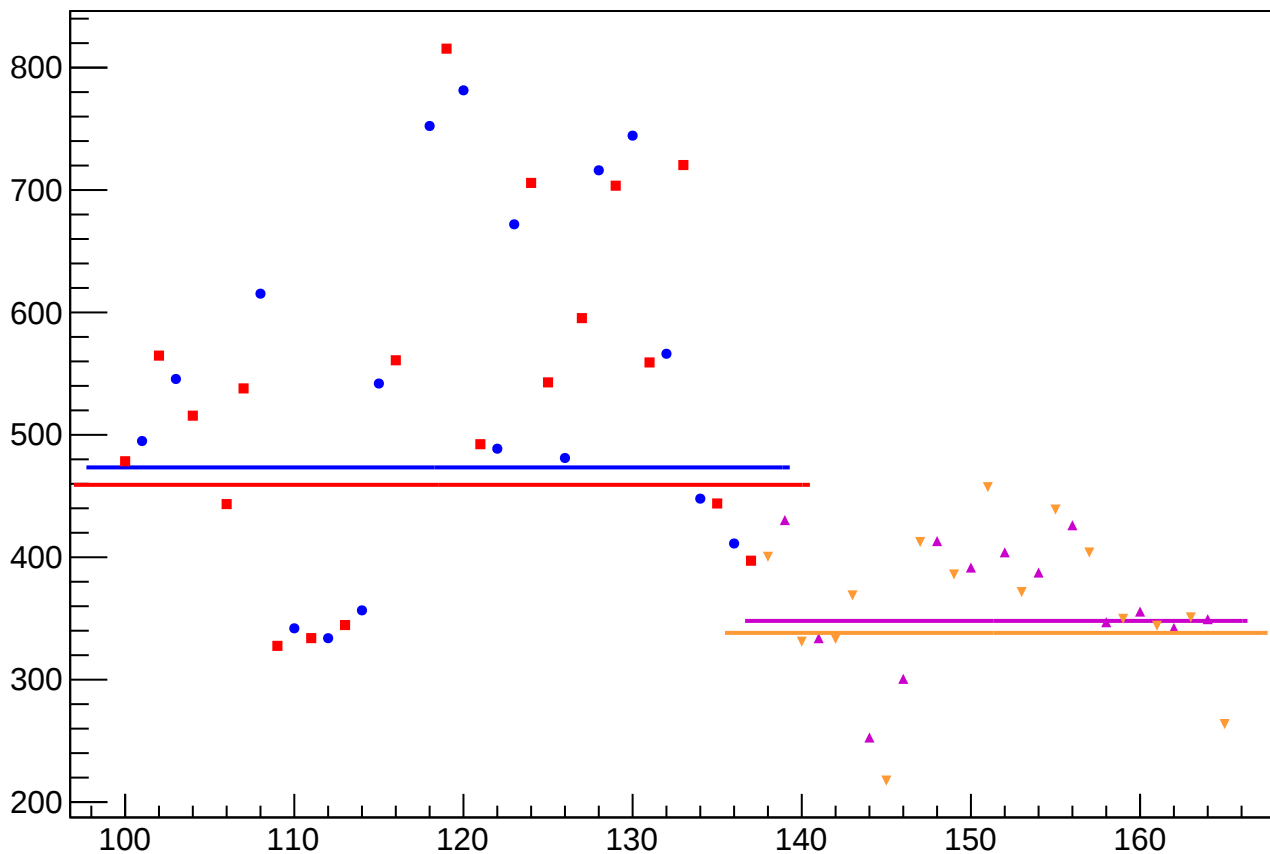
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 109.393 $\pm$ 94.860 χ^2 /NDF:41.5/29

Out: 195.400 $\pm$ 89.364 χ^2 /NDF:57.1/33

All: 154.960 $\pm$ 65.046 χ^2 /NDF: 99.0/63

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2/NDF : 914927.8/16

Left Out: 338.218 $\pm$ 0.073 χ^2/NDF : 928313.6/14

Right Out: 459.180 $\pm$ 0.127 χ^2/NDF : 1006487.4/18

Left In: 348.016 $\pm$ 0.077 χ^2/NDF : 499036.1/12

Left: 342.826 $\pm$ 0.053 χ^2/NDF : 1435834.4/27

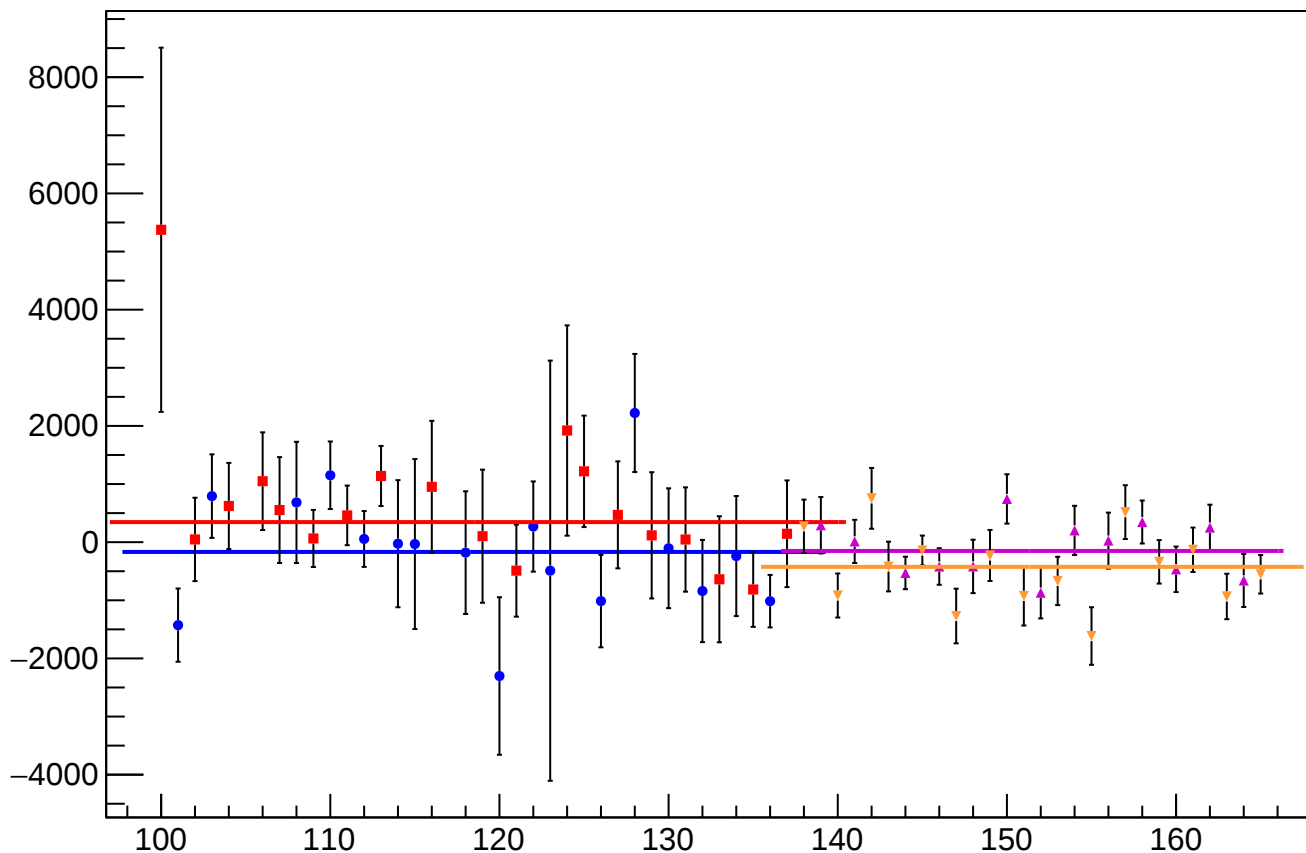
Right: 465.867 $\pm$ 0.092 χ^2/NDF : 1927360.0/35

In: 379.284 $\pm$ 0.067 χ^2/NDF : 2068073.1/29

Out: 368.398 $\pm$ 0.063 χ^2/NDF : 2620951.5/33

All: 373.516 $\pm$ 0.046 χ^2/NDF : 4702979.2/63

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -424.569 ± 103.286 $\chi^2/\text{NDF}: 27.4/14$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -150.737 ± 108.585 $\chi^2/\text{NDF}: 16.6/12$

Left: -294.497 ± 74.838 $\chi^2/\text{NDF}: 47.3/27$

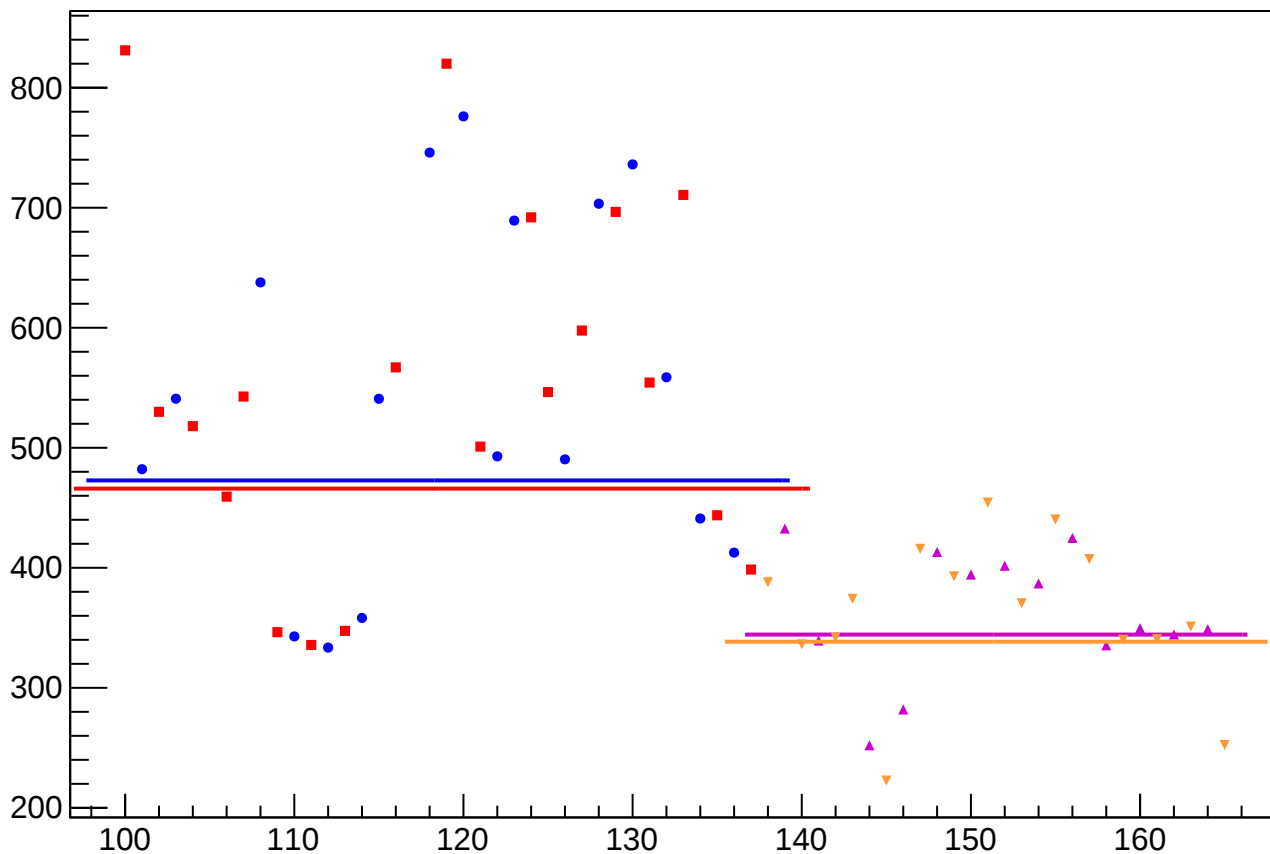
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -155.007 ± 94.246 $\chi^2/\text{NDF}: 42.0/29$

Out: -235.814 ± 89.739 $\chi^2/\text{NDF}: 54.8/33$

All: -197.389 ± 64.990 $\chi^2/\text{NDF}: 97.1/63$

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: 338.422 $\pm$ 0.073 χ^2 /NDF: 909788.6/14

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 344.357 $\pm$ 0.077 χ^2 /NDF: 547198.6/12

Left: 341.241 $\pm$ 0.053 χ^2 /NDF: 1460124.6/27

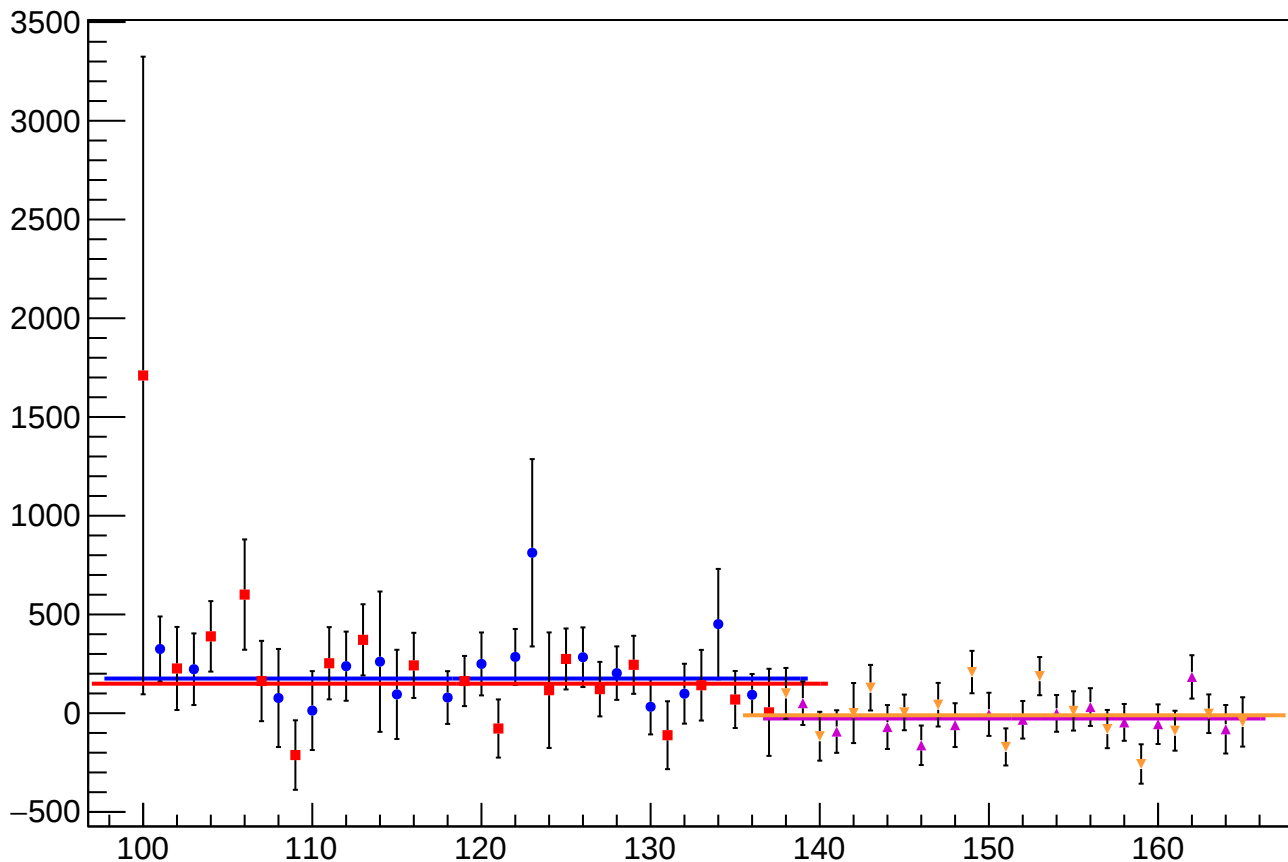
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 376.045 $\pm$ 0.067 χ^2 /NDF: 2134075.7/29

Out: 369.690 $\pm$ 0.063 χ^2 /NDF: 2599628.0/33

All: 372.712 $\pm$ 0.046 χ^2 /NDF: 4738473.1/63

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -10.586 $\pm$ 27.422 χ^2 /NDF:21.8/14

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -26.821 $\pm$ 28.720 χ^2 /NDF:7.4/12

Left: -18.328 $\pm$ 19.833 χ^2 /NDF: 29.4/27

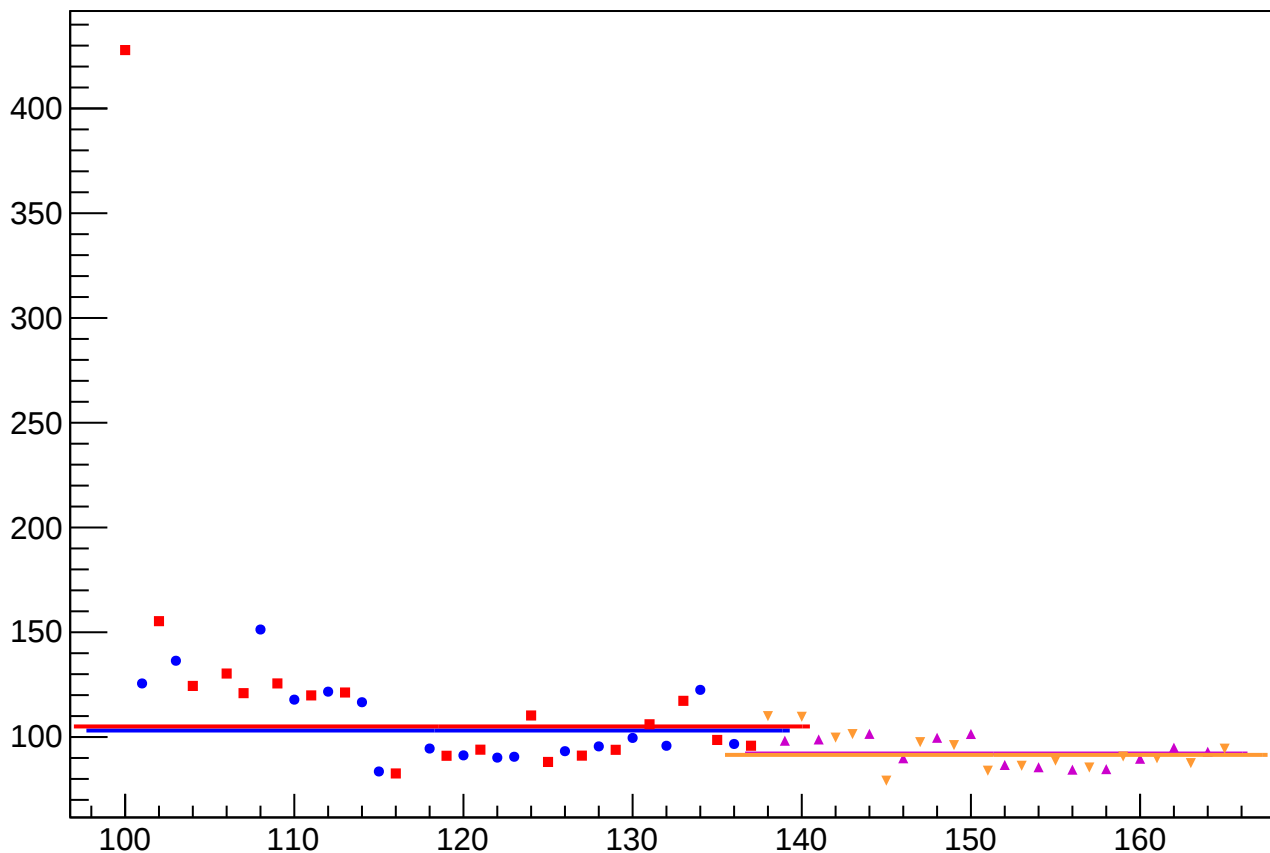
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 41.182 $\pm$ 23.400 χ^2 /NDF:32.7/29

Out: 40.018 $\pm$ 22.675 χ^2 /NDF:51.0/33

All: 40.582 $\pm$ 16.284 χ^2 /NDF: 83.7/63

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: 91.478 $\pm$ 0.019 χ^2 /NDF:184813.6/14

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 92.122 $\pm$ 0.020 χ^2 /NDF:97707.2/12

Left: 91.785 $\pm$ 0.014 χ^2 /NDF: 283046.5/27

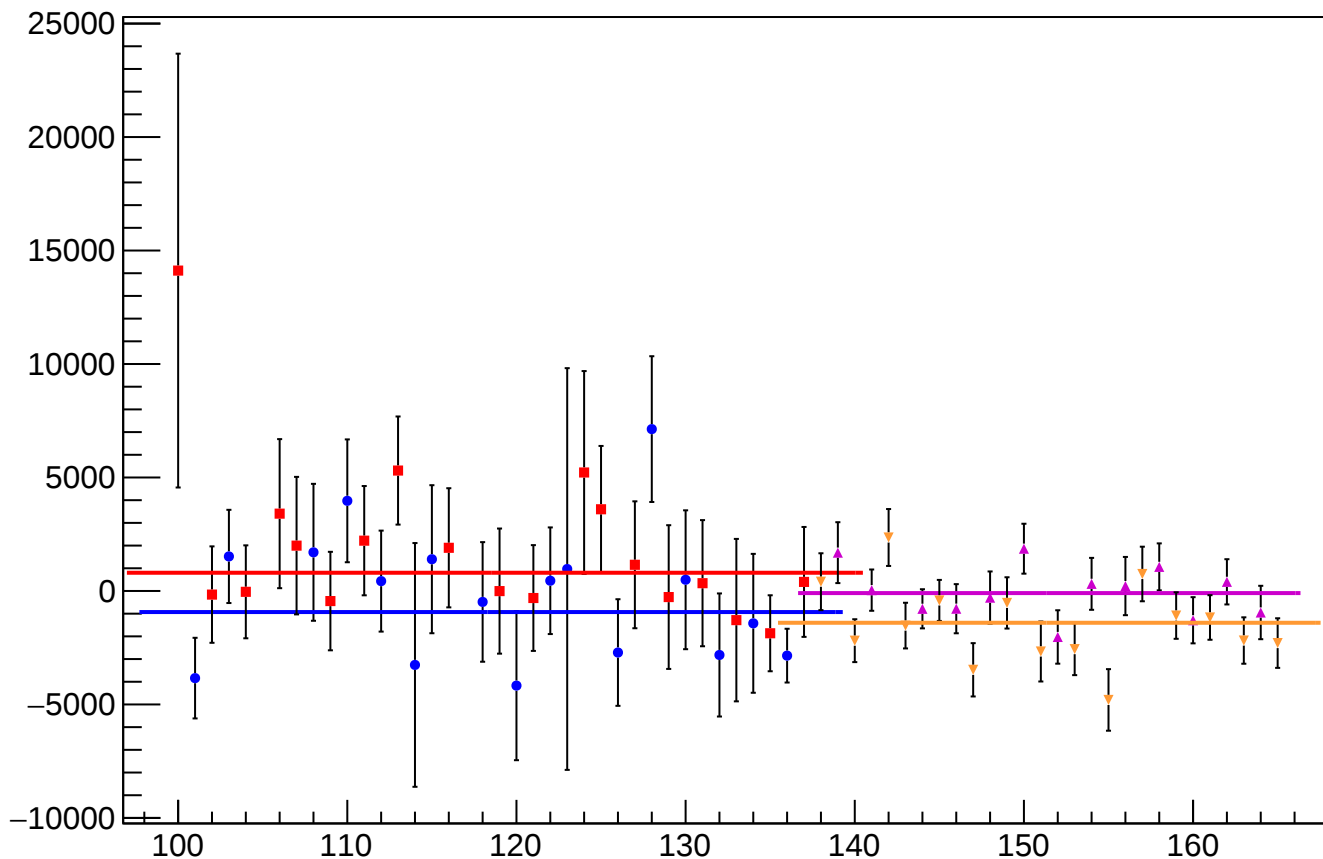
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 95.816 $\pm$ 0.017 χ^2 /NDF:502602.8/29

Out: 95.769 $\pm$ 0.016 χ^2 /NDF:788355.0/33

All: 95.792 $\pm$ 0.012 χ^2 /NDF: 1290962.0/63

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1401.084+/-283.216 χ^2/NDF :29.5/14

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -93.102+/-297.959 χ^2/NDF :12.3/12

Left: -780.251+/-205.278 χ^2/NDF : 52.0/27

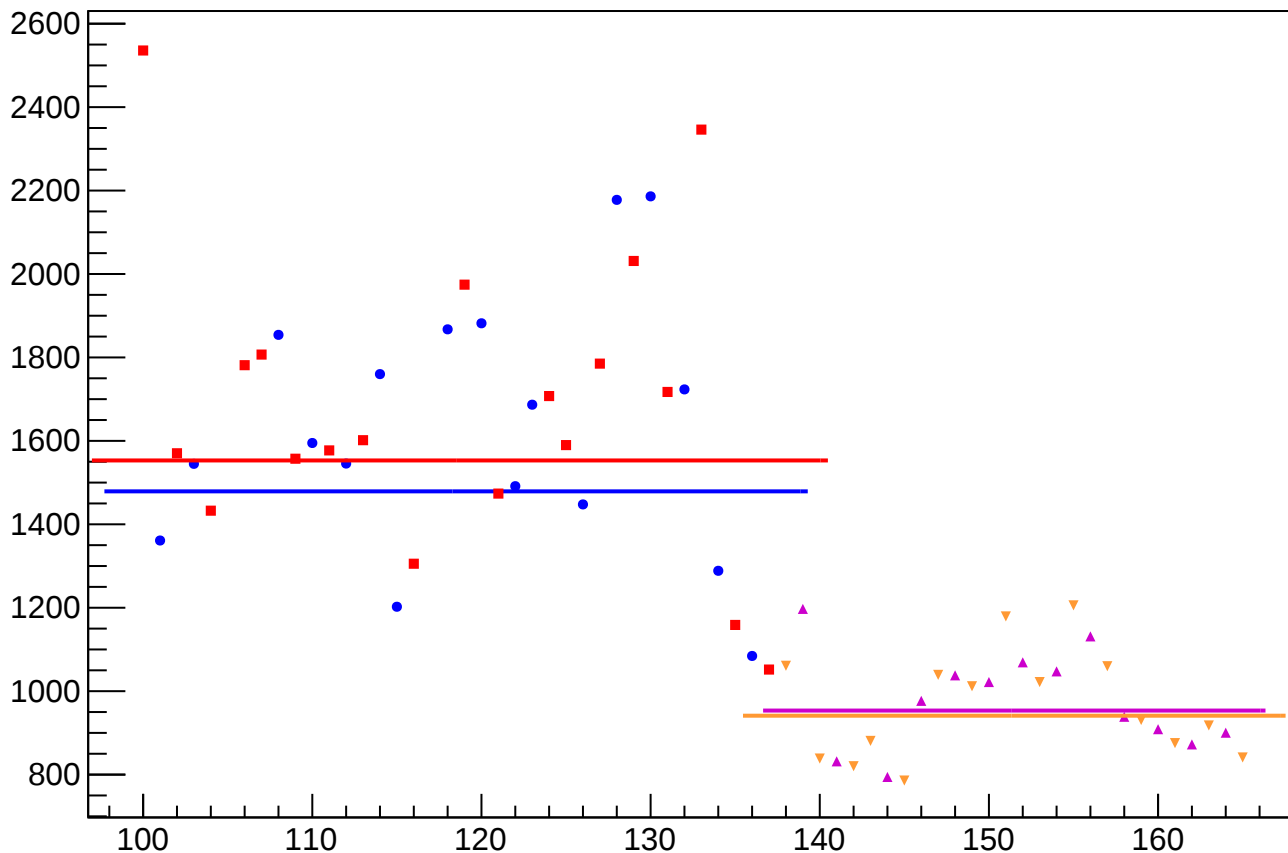
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -264.352+/-265.687 χ^2/NDF :34.8/29

Out: -992.645+/-255.630 χ^2/NDF :53.6/33

All: -642.545+/-184.211 χ^2/NDF : 92.3/63

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 941.205 $\pm$ 0.200 χ^2 /NDF: 345770.9/14

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 953.544 $\pm$ 0.211 χ^2 /NDF: 282094.9/12

Left: 947.062 $\pm$ 0.145 χ^2 /NDF: 629667.5/27

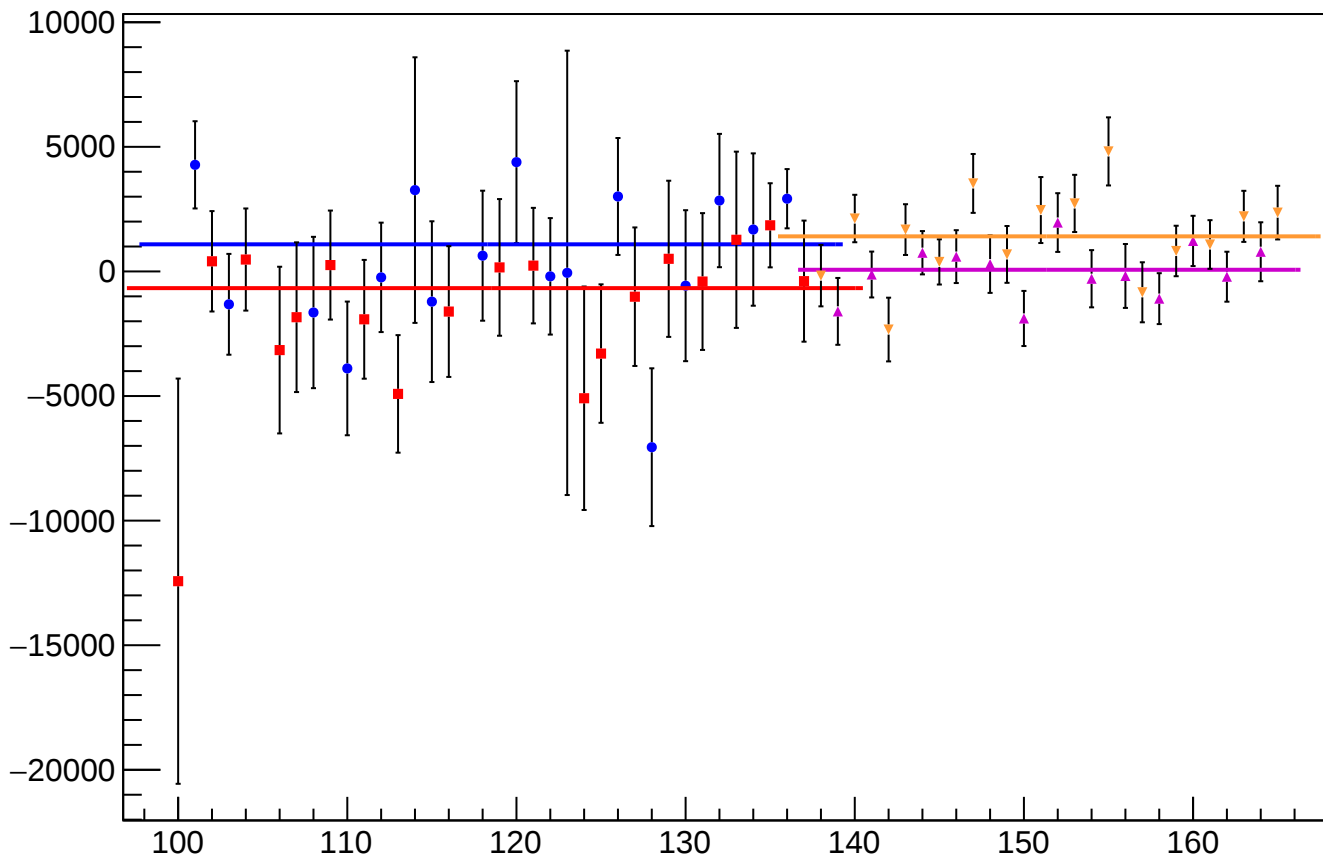
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 1061.201 $\pm$ 0.188 χ^2 /NDF: 2146063.7/29

Out: 1054.598 $\pm$ 0.181 χ^2 /NDF: 2559519.8/33

All: 1057.772 $\pm$ 0.130 χ^2 /NDF: 4706224.9/63

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: 1407.617 $\pm$ 283.611 χ^2 /NDF:29.2/14

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 66.896 $\pm$ 298.088 χ^2 /NDF:11.4/12

Left: 770.604 $\pm$ 205.471 χ^2 /NDF: 51.3/27

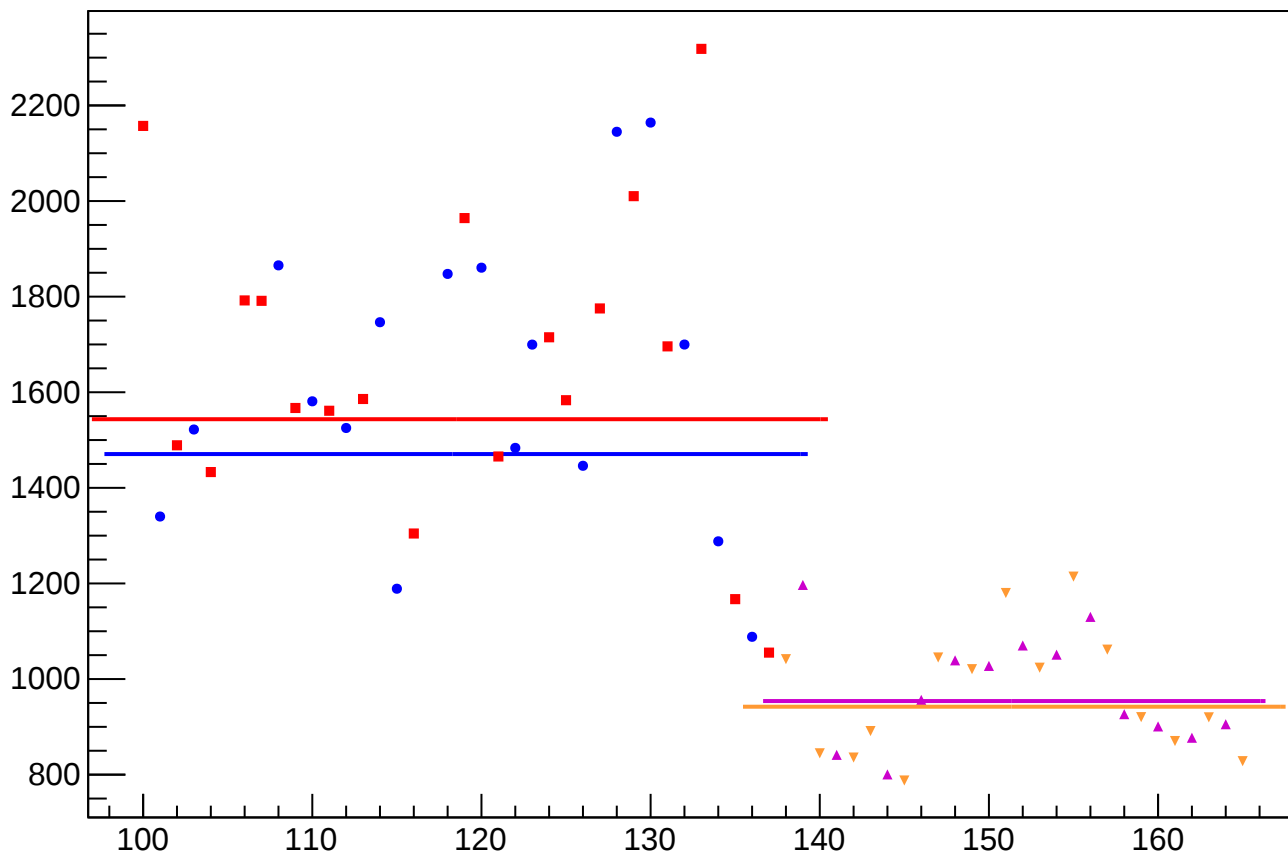
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 278.327 $\pm$ 265.438 χ^2 /NDF:35.7/29

Out: 1017.610 $\pm$ 255.612 χ^2 /NDF:51.4/33

All: 661.906 $\pm$ 184.121 χ^2 /NDF: 91.0/63

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: 942.130 $\pm$ 0.201 χ^2/NDF : 344272.0/14

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 953.978 $\pm$ 0.211 χ^2/NDF : 271135.7/12

Left: 947.759 $\pm$ 0.145 χ^2/NDF : 617066.2/27

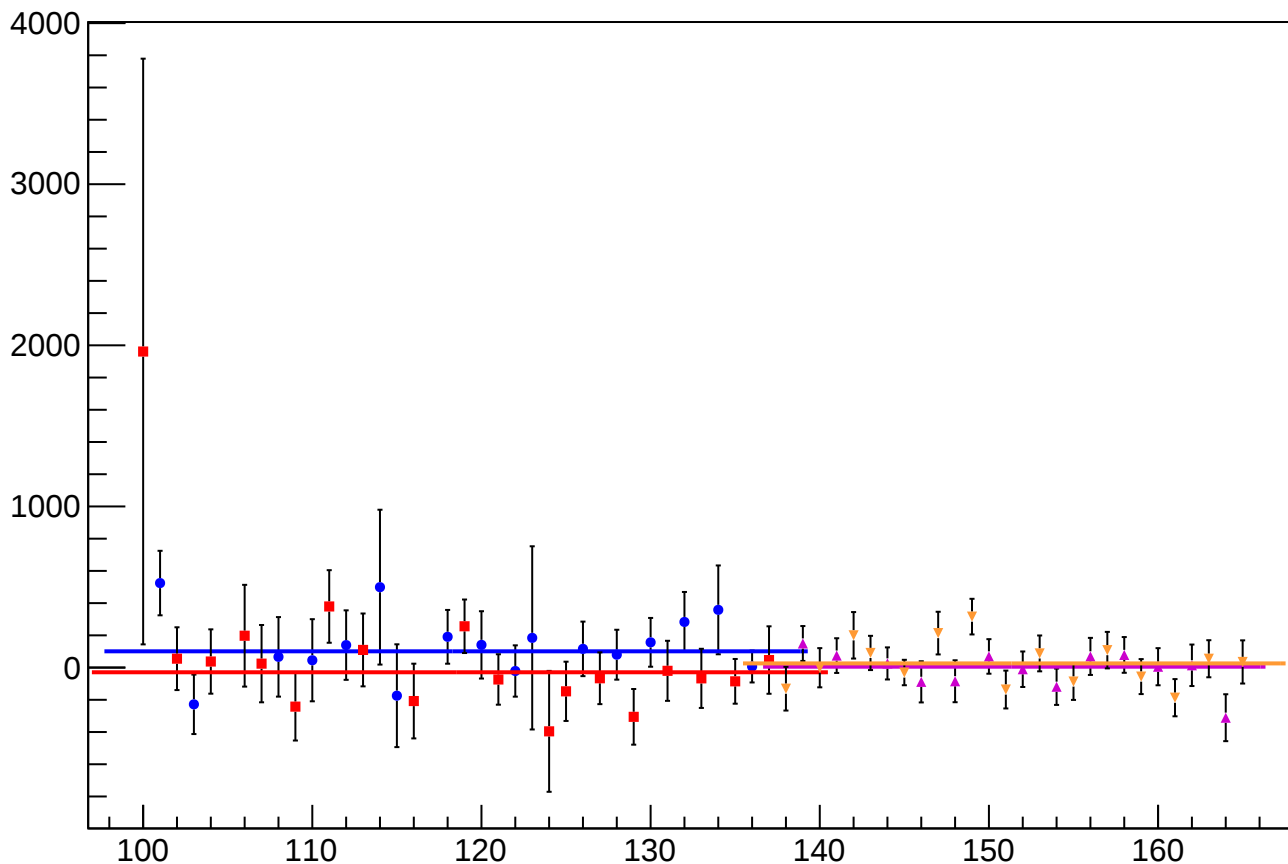
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1060.969 $\pm$ 0.188 χ^2/NDF : 2083176.2/29

Out: 1055.025 $\pm$ 0.181 χ^2/NDF : 2486890.9/33

All: 1057.885 $\pm$ 0.130 χ^2/NDF : 4570587.4/63

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 25.844 $\pm$ 29.396 χ^2 /NDF:20.4/14

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 5.478 $\pm$ 31.937 χ^2 /NDF:10.3/12

Left: 16.503 $\pm$ 21.629 χ^2 /NDF: 30.9/27

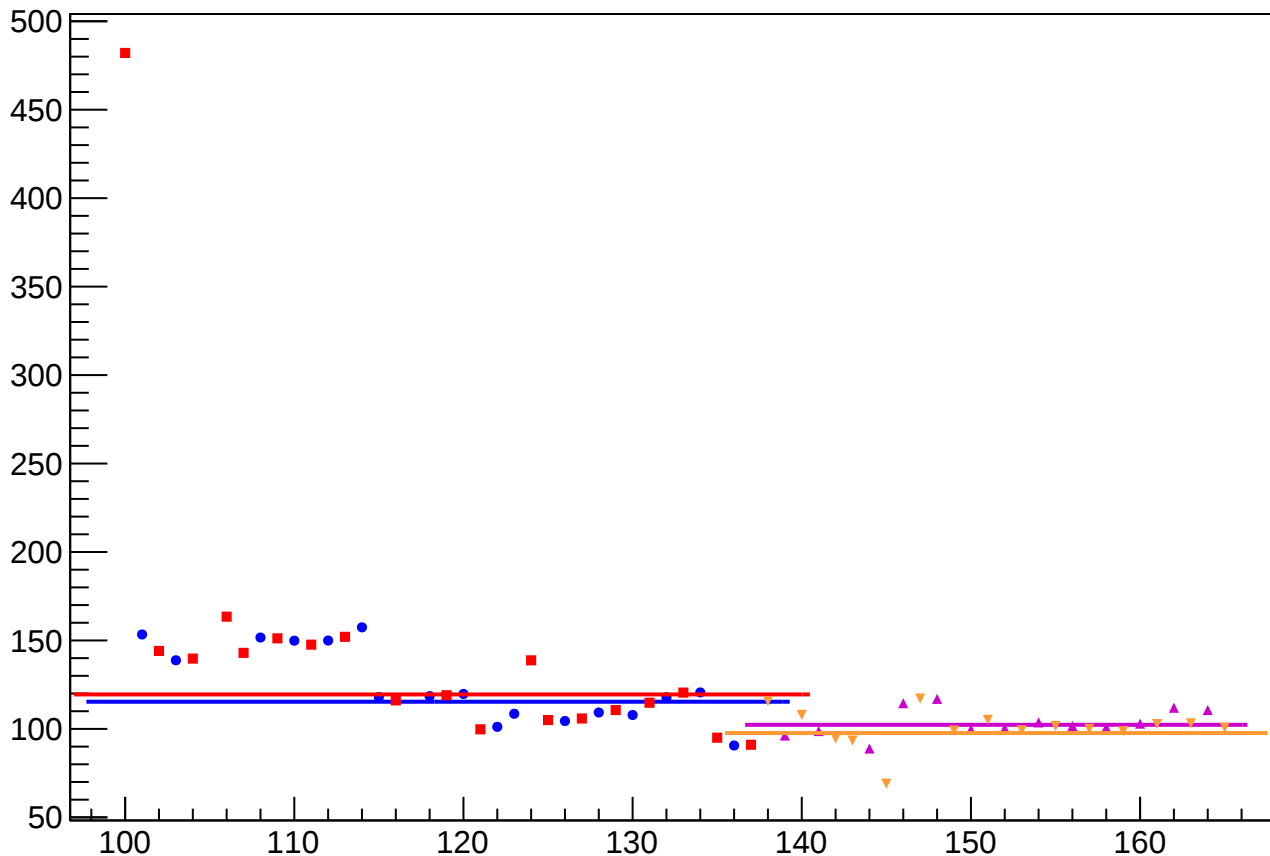
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 37.181 $\pm$ 26.099 χ^2 /NDF:26.3/29

Out: 9.746 $\pm$ 24.722 χ^2 /NDF:36.1/33

All: 22.721 $\pm$ 17.948 χ^2 /NDF: 63.0/63

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 ± 0.032 χ^2/NDF : 411362.6/16

Left Out: 97.666 ± 0.021 χ^2/NDF : 382161.5/14

Right Out: 119.492 ± 0.032 χ^2/NDF : 477965.0/18

Left In: 102.312 ± 0.023 χ^2/NDF : 108861.0/12

Left: 99.797 ± 0.015 χ^2/NDF : 513933.0/27

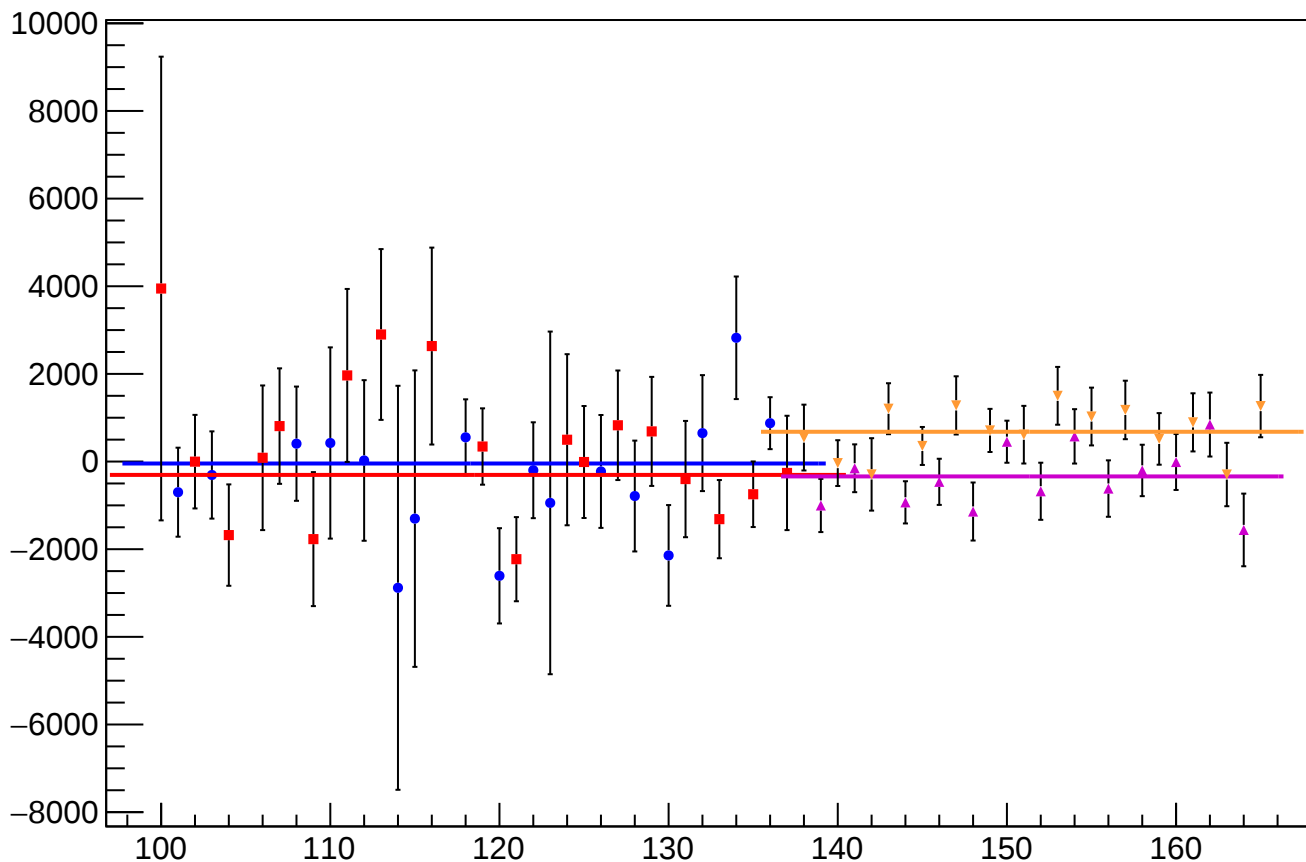
Right: 117.411 ± 0.023 χ^2/NDF : 897552.7/35

In: 106.648 ± 0.018 χ^2/NDF : 631224.1/29

Out: 104.055 ± 0.017 χ^2/NDF : 1182842.5/33

All: 105.281 ± 0.013 χ^2/NDF : 1824475.3/63

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 679.613 $\pm$ 158.549 χ^2 /NDF:10.6/14

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -339.337 $\pm$ 165.127 χ^2 /NDF:14.8/12

Left: 190.836 $\pm$ 114.366 χ^2 /NDF: 45.2/27

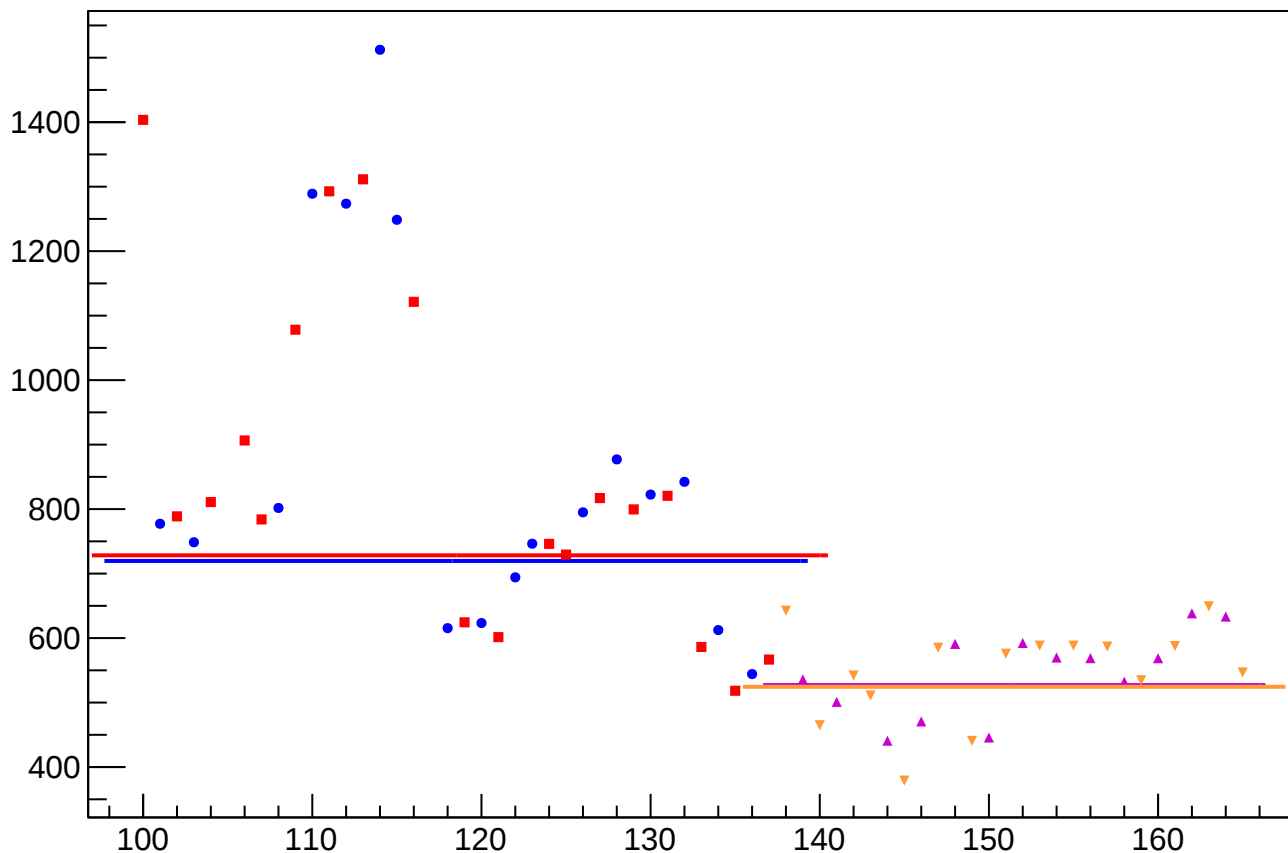
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -265.748 $\pm$ 143.038 χ^2 /NDF:33.5/29

Out: 444.076 $\pm$ 138.287 χ^2 /NDF:37.2/33

All: 101.150 $\pm$ 99.421 χ^2 /NDF: 83.4/63

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: 524.469 $\pm$ 0.112 χ^2 /NDF: 524896.3/14

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 527.133 $\pm$ 0.117 χ^2 /NDF: 294062.8/12

Left: 525.747 $\pm$ 0.081 χ^2 /NDF: 819229.8/27

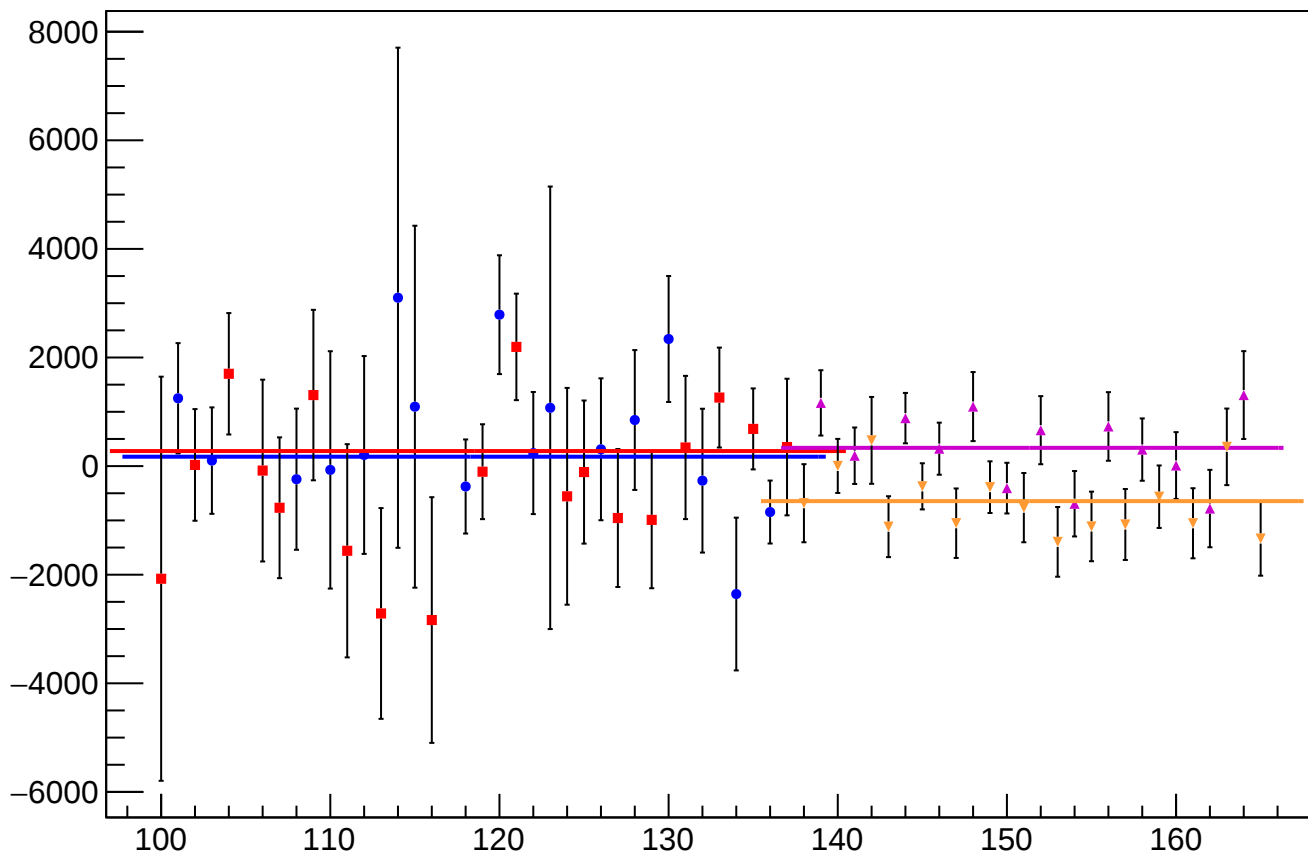
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 575.181 $\pm$ 0.101 χ^2 /NDF: 1719348.8/29

Out: 573.247 $\pm$ 0.098 χ^2 /NDF: 2229708.2/33

All: 574.181 $\pm$ 0.070 χ^2 /NDF: 3949246.2/63

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 ± 285.672 $\chi^2/\text{NDF}: 18.1/16$

Left Out: -645.060 ± 153.677 $\chi^2/\text{NDF}: 11.3/14$

Right Out: 277.145 ± 282.726 $\chi^2/\text{NDF}: 16.0/18$

Left In: 336.339 ± 159.091 $\chi^2/\text{NDF}: 15.1/12$

Left: -171.344 ± 110.531 $\chi^2/\text{NDF}: 46.0/27$

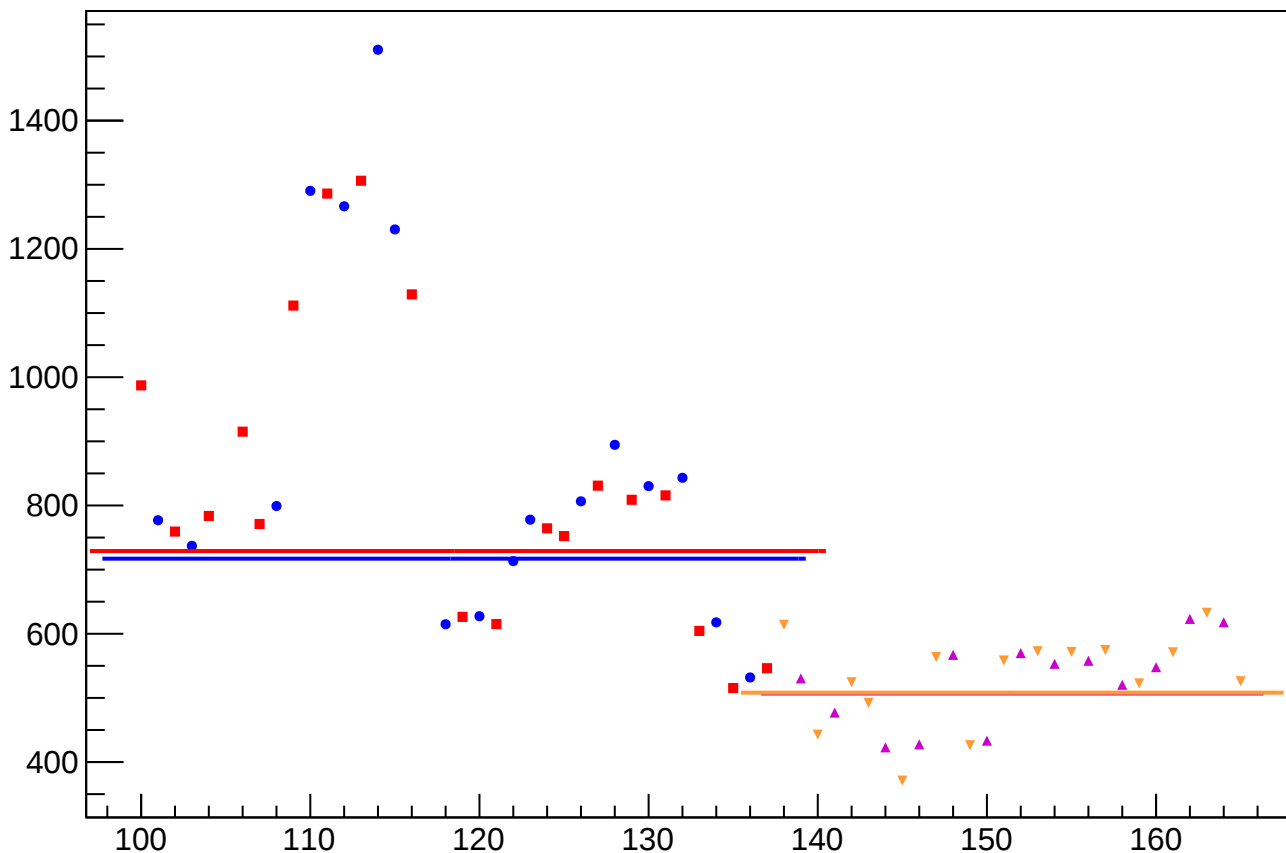
Right: 225.702 ± 200.951 $\chi^2/\text{NDF}: 34.2/35$

In: 297.716 ± 138.991 $\chi^2/\text{NDF}: 33.4/29$

Out: -434.734 ± 135.020 $\chi^2/\text{NDF}: 35.5/33$

All: -79.122 ± 96.847 $\chi^2/\text{NDF}: 83.2/63$

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 508.221 $\pm$ 0.109 χ^2/NDF : 519750.2/14

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 506.815 $\pm$ 0.112 χ^2/NDF : 343237.4/12

Left: 507.542 $\pm$ 0.078 χ^2/NDF : 863068.4/27

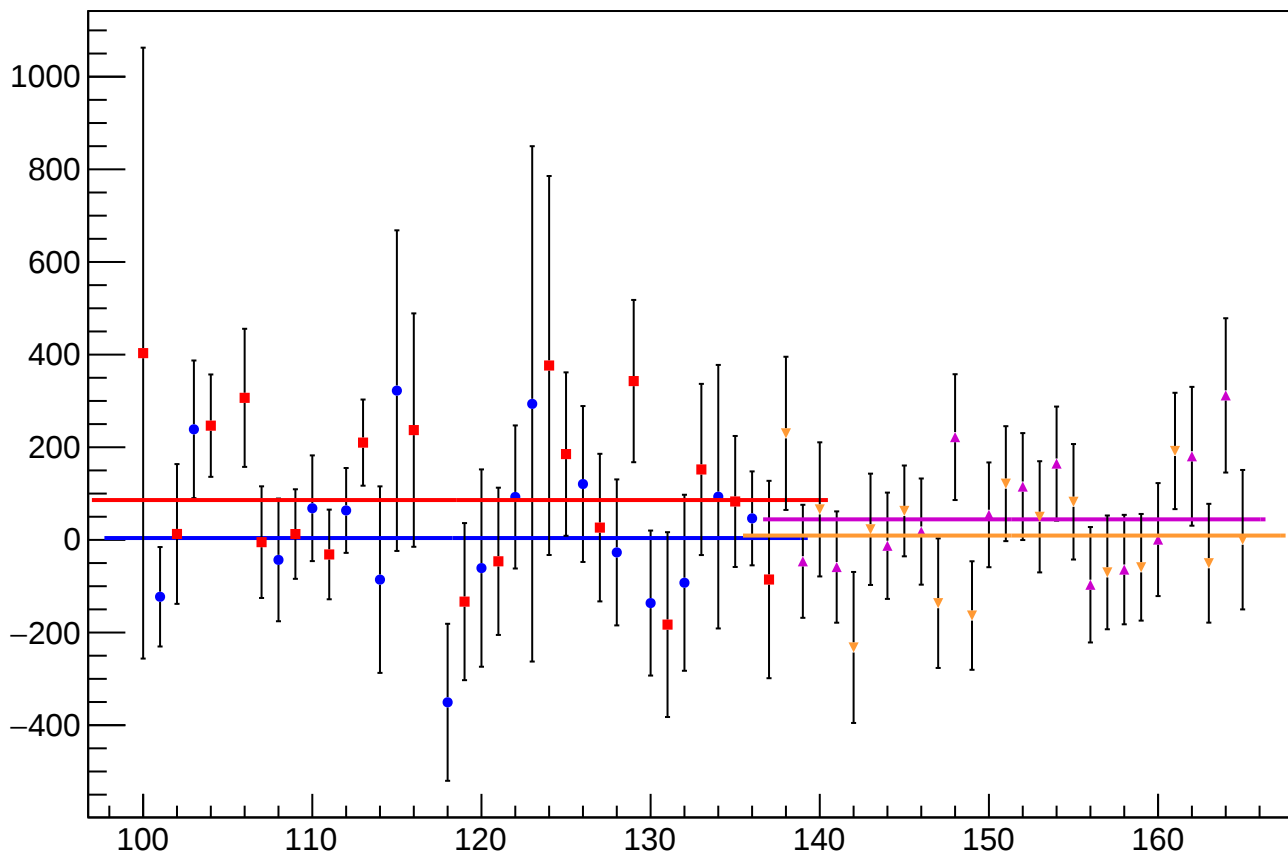
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 556.590 $\pm$ 0.098 χ^2/NDF : 1952715.1/29

Out: 558.571 $\pm$ 0.095 χ^2/NDF : 2351825.2/33

All: 557.609 $\pm$ 0.068 χ^2/NDF : 4304749.3/63

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 9.372 ± 32.826 $\chi^2/\text{NDF}: 12.1/14$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 44.357 ± 34.386 $\chi^2/\text{NDF}: 10.3/12$

Left: 26.053 ± 23.744 $\chi^2/\text{NDF}: 22.9/27$

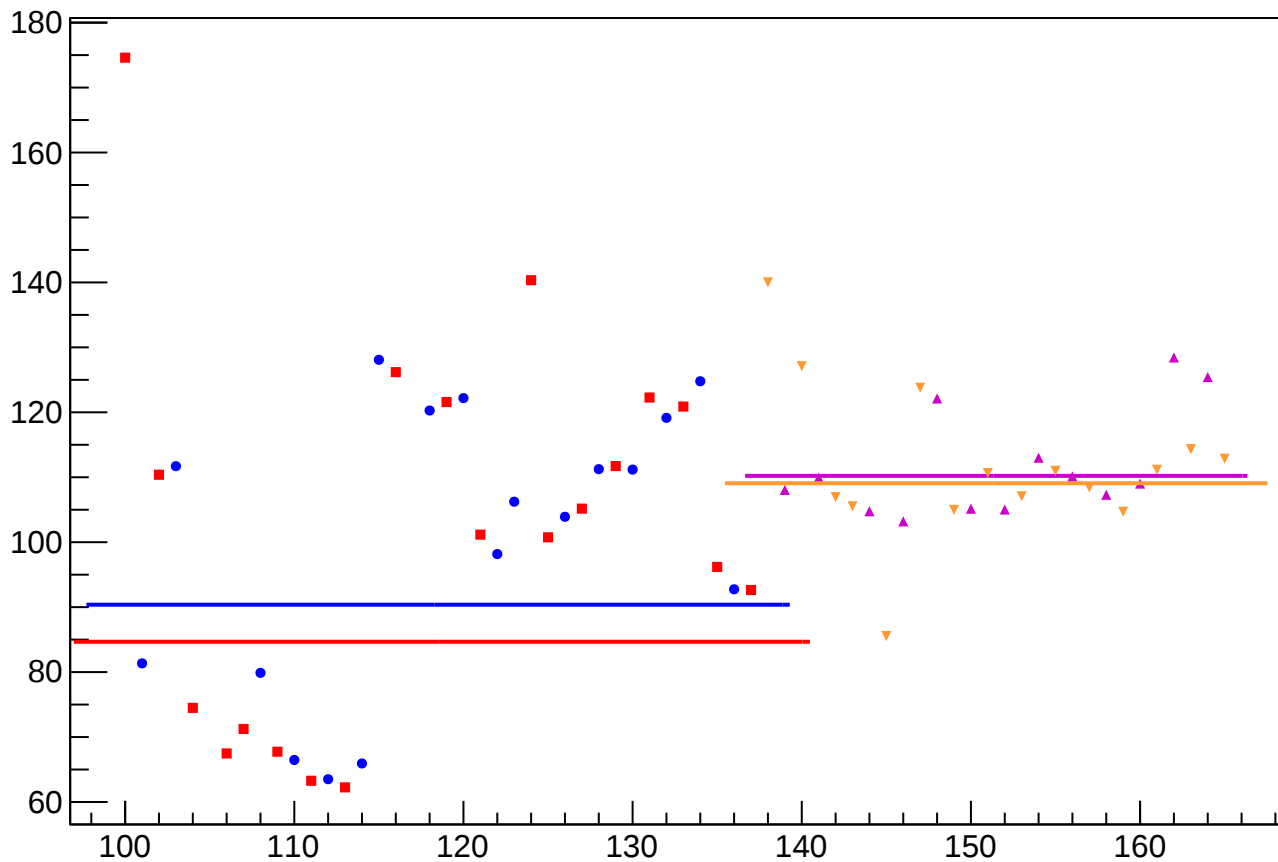
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 25.081 ± 24.849 $\chi^2/\text{NDF}: 23.7/29$

Out: 47.066 ± 23.402 $\chi^2/\text{NDF}: 32.4/33$

All: 36.733 ± 17.036 $\chi^2/\text{NDF}: 56.5/63$

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: 109.076 $\pm$ 0.023 χ^2 /NDF: 252240.5/14

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 110.216 $\pm$ 0.024 χ^2 /NDF: 84734.5/12

Left: 109.620 $\pm$ 0.017 χ^2 /NDF: 338125.3/27

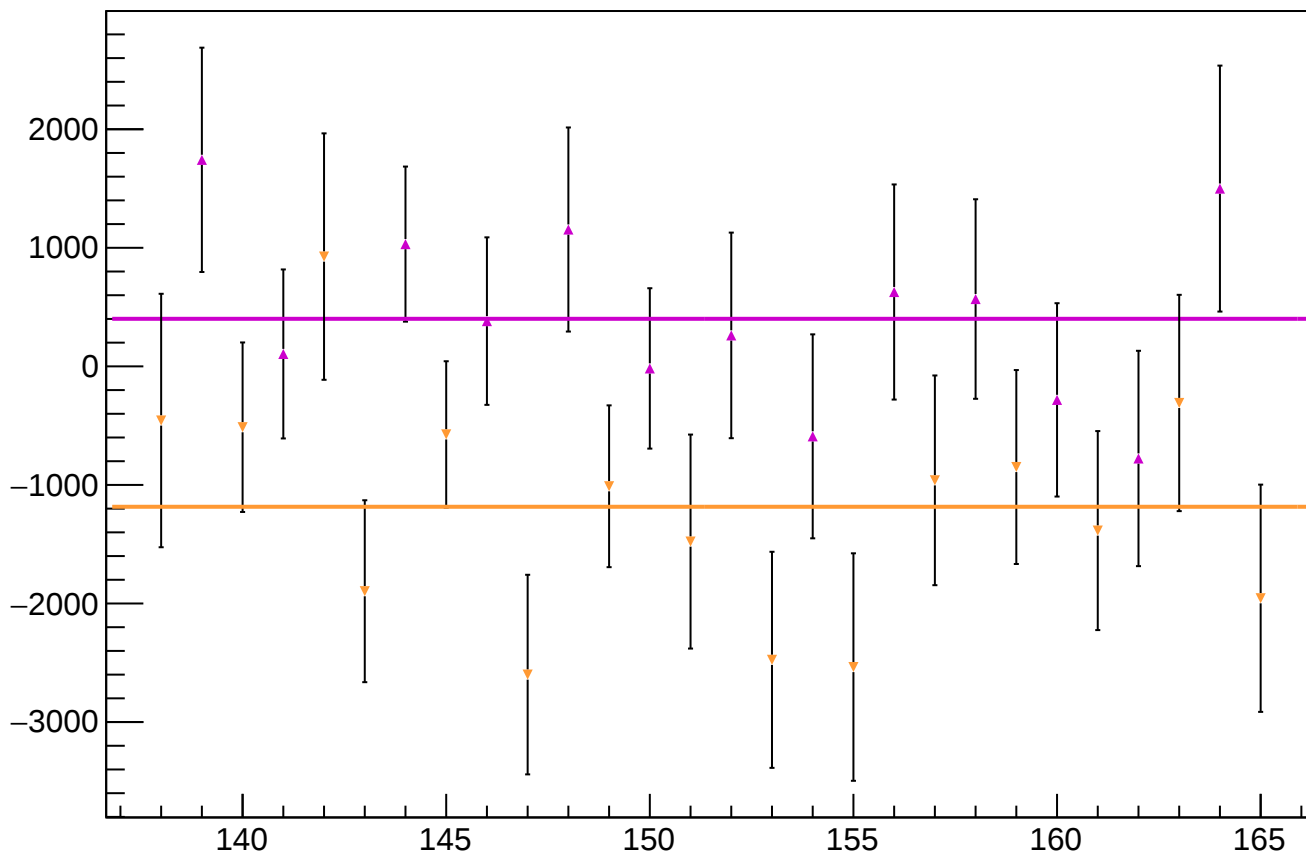
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 100.737 $\pm$ 0.018 χ^2 /NDF: 1057009.0/29

Out: 97.075 $\pm$ 0.017 χ^2 /NDF: 1703935.7/33

All: 98.796 $\pm$ 0.012 χ^2 /NDF: 2783960.8/63

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1184.196+/-214.939 χ^2/NDF :16.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 401.114+/-224.065 χ^2/NDF :9.2/12

Left: -424.485+/-155.111 χ^2/NDF : 51.4/27

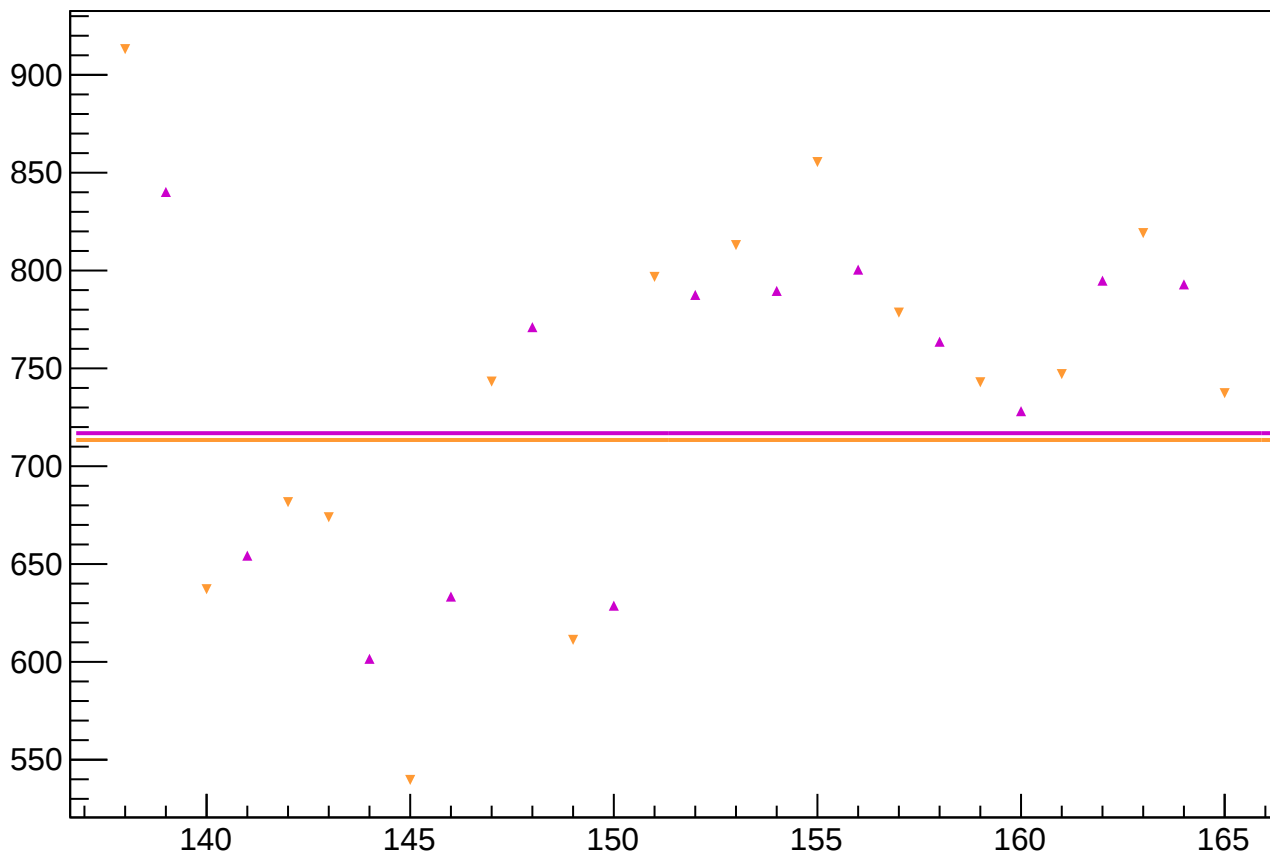
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 401.114+/-224.065 χ^2/NDF :9.2/12

Out: -1184.196+/-214.939 χ^2/NDF :16.2/14

All: -424.485+/-155.111 χ^2/NDF : 51.4/27

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 713.406+/-0.152 χ^2/NDF :435261.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 716.884+/-0.158 χ^2/NDF :257988.1/12

Left: 715.073+/-0.110 χ^2/NDF : 693500.2/27

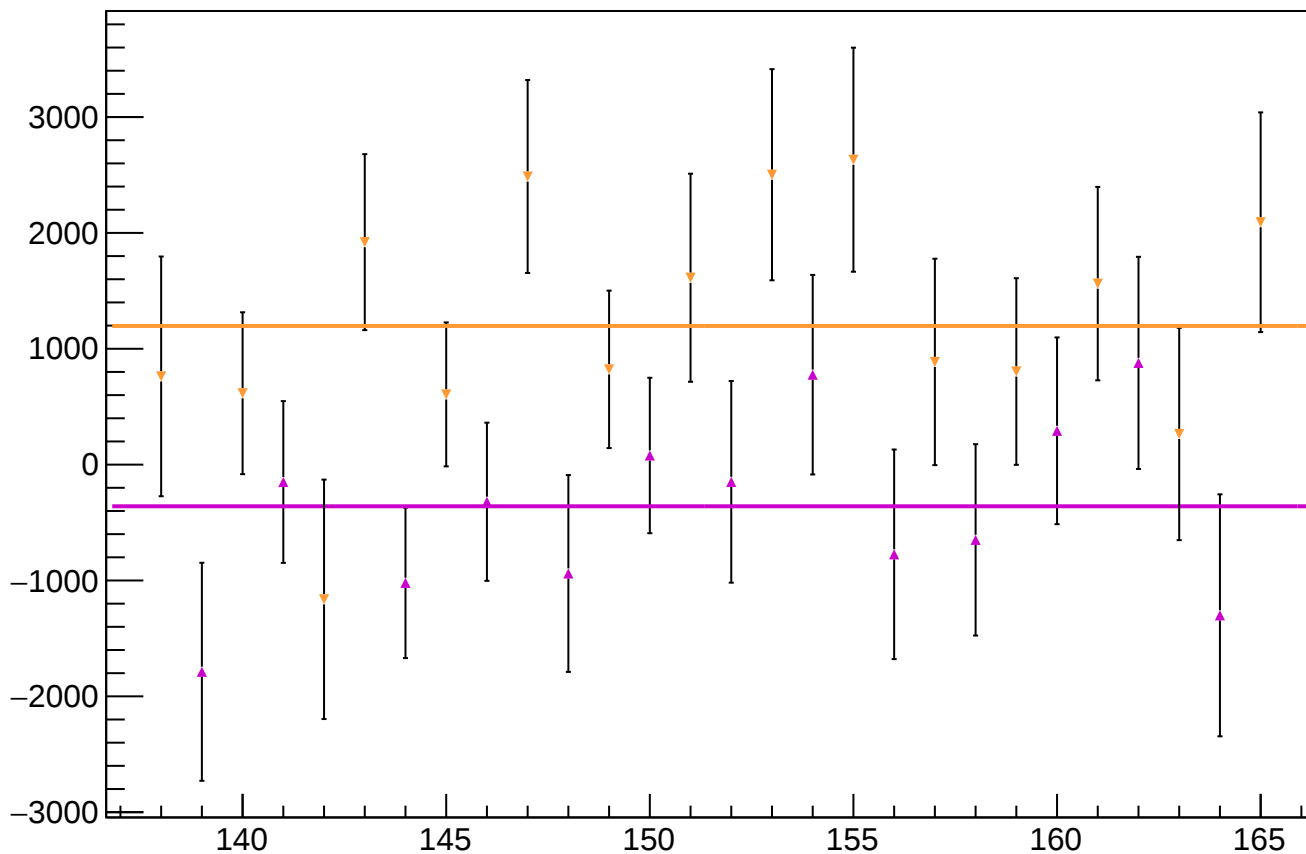
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 716.884+/-0.158 χ^2/NDF :257988.1/12

Out: 713.406+/-0.152 χ^2/NDF :435261.2/14

All: 715.073+/-0.110 χ^2/NDF : 693500.2/27

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1197.048+/-213.652 χ^2/NDF :17.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -359.620+/-221.870 χ^2/NDF :9.8/12

Left: 448.078+/-153.898 χ^2/NDF : 52.8/27

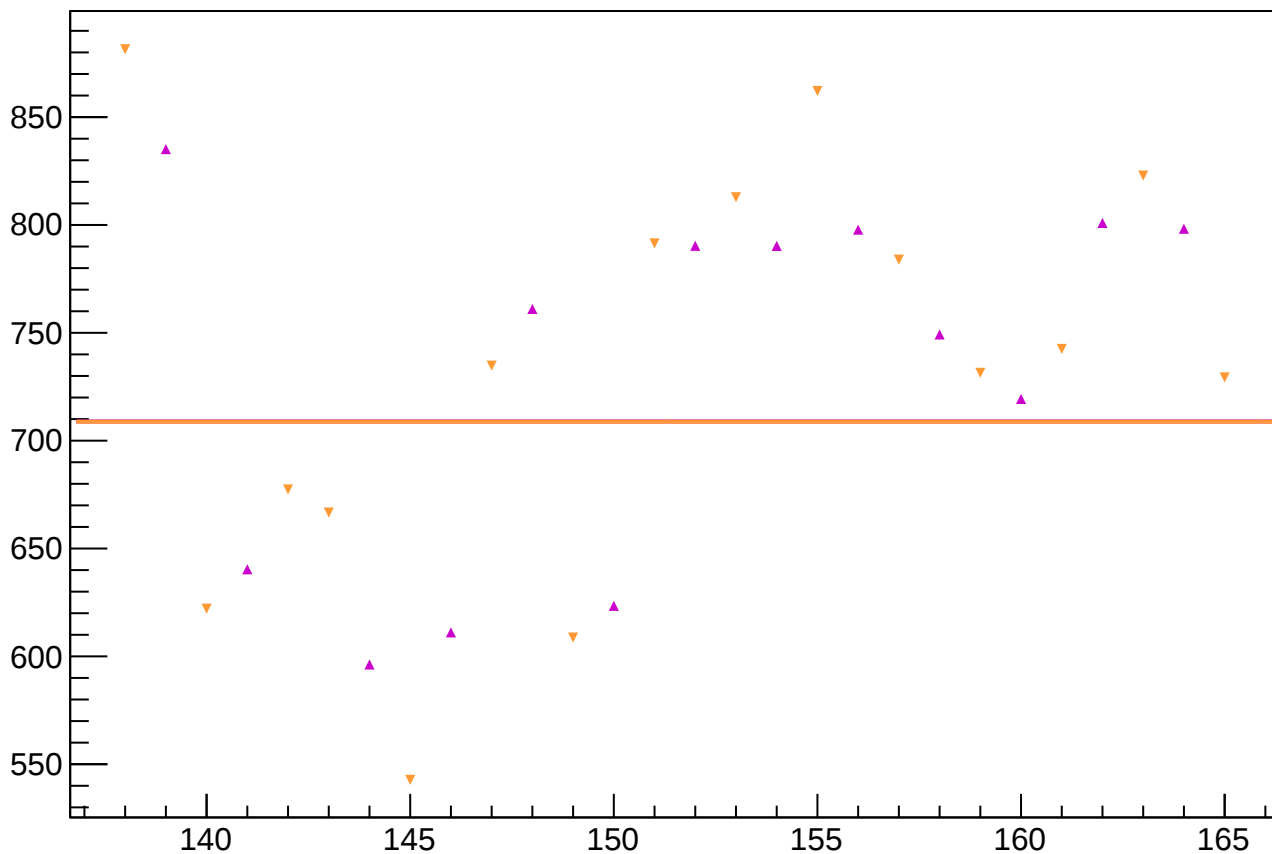
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -359.620+/-221.870 χ^2/NDF :9.8/12

Out: 1197.048+/-213.652 χ^2/NDF :17.5/14

All: 448.078+/-153.898 χ^2/NDF : 52.8/27

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 708.804+/-0.151 χ^2/NDF :427049.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 708.921+/-0.157 χ^2/NDF :291198.3/12

Left: 708.860+/-0.109 χ^2/NDF : 718247.6/27

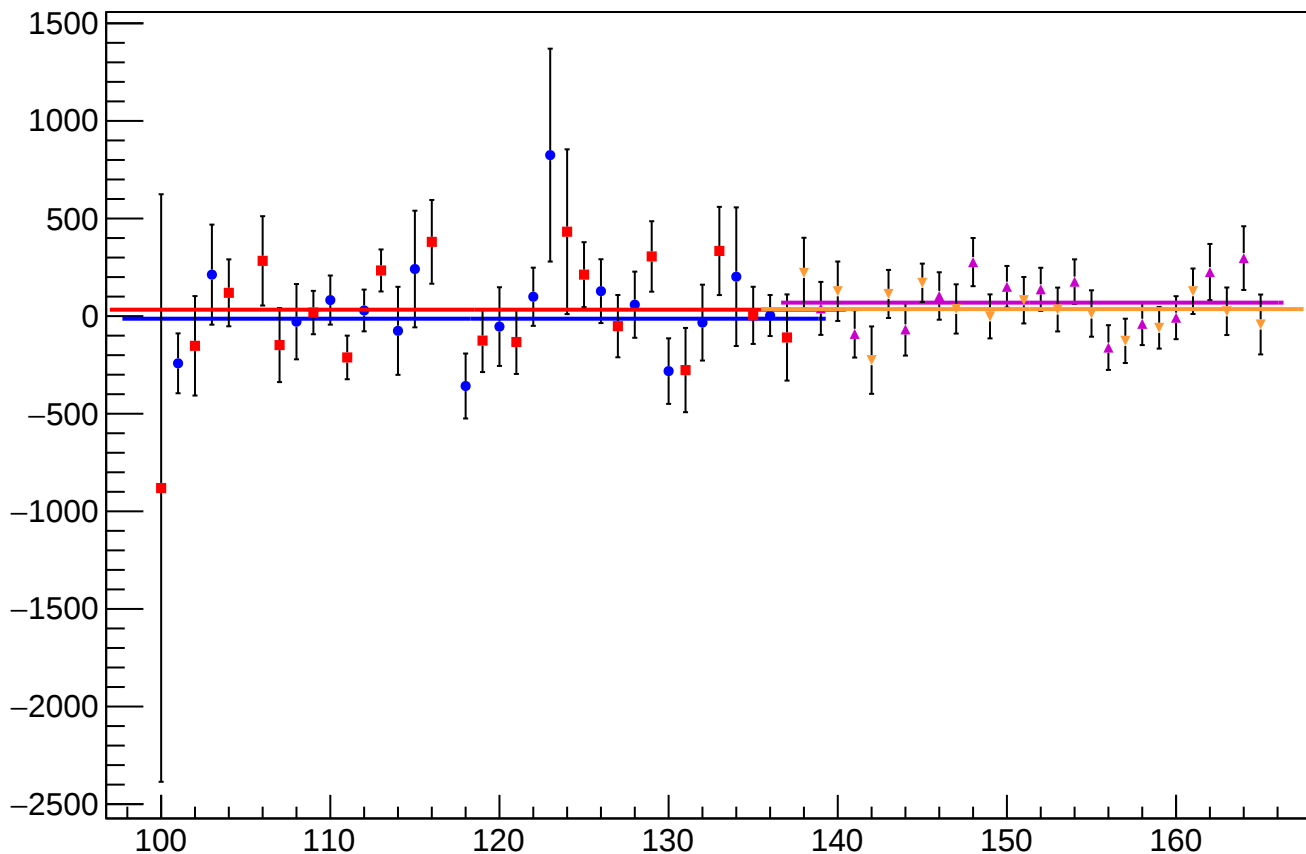
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 708.921+/-0.157 χ^2/NDF :291198.3/12

Out: 708.804+/-0.151 χ^2/NDF :427049.0/14

All: 708.860+/-0.109 χ^2/NDF : 718247.6/27

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 36.074 $\pm$ 31.800 χ^2 /NDF:10.0/14

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: 69.097 $\pm$ 33.587 χ^2 /NDF:16.2/12

Left: 51.684 $\pm$ 23.092 χ^2 /NDF: 26.8/27

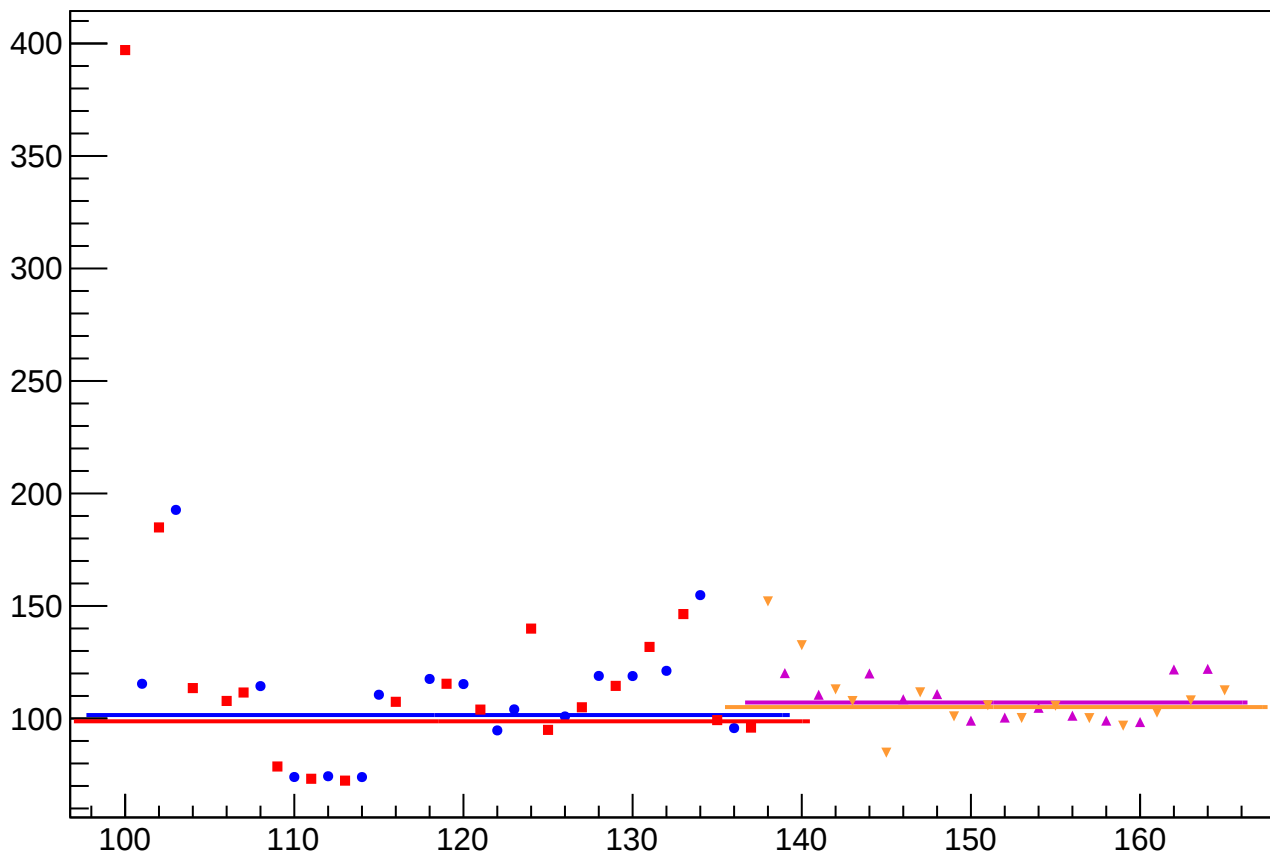
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 35.608 $\pm$ 25.867 χ^2 /NDF:34.4/29

Out: 34.852 $\pm$ 24.615 χ^2 /NDF:35.1/33

All: 35.212 $\pm$ 17.832 χ^2 /NDF: 69.5/63

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519+/-0.029 χ^2/NDF : 681713.7/16

Left Out: 105.061+/-0.022 χ^2/NDF : 326149.3/14

Right Out: 98.736+/-0.027 χ^2/NDF : 825631.4/18

Left In: 107.102+/-0.024 χ^2/NDF : 126694.2/12

Left: 106.025+/-0.016 χ^2/NDF : 456737.9/27

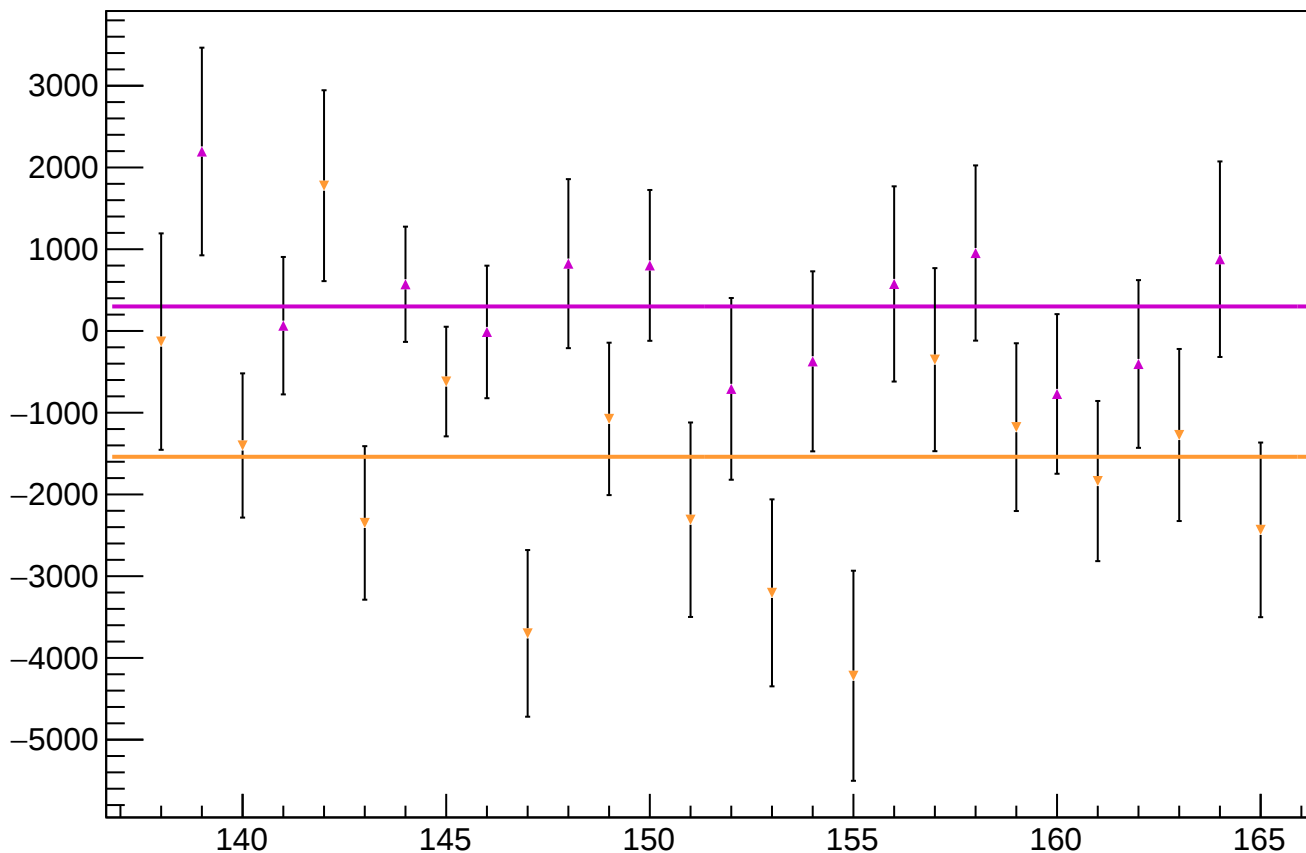
Right: 100.069+/-0.020 χ^2/NDF : 1512254.1/35

In: 104.830+/-0.018 χ^2/NDF : 830887.7/29

Out: 102.525+/-0.017 χ^2/NDF : 1183495.1/33

All: 103.621+/-0.013 χ^2/NDF : 2022716.9/63

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1539.261 ± 260.788 $\chi^2/\text{NDF}: 25.6/14$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 299.849 ± 271.359 $\chi^2/\text{NDF}: 6.7/12$

Left: -656.222 ± 188.031 $\chi^2/\text{NDF}: 56.1/27$

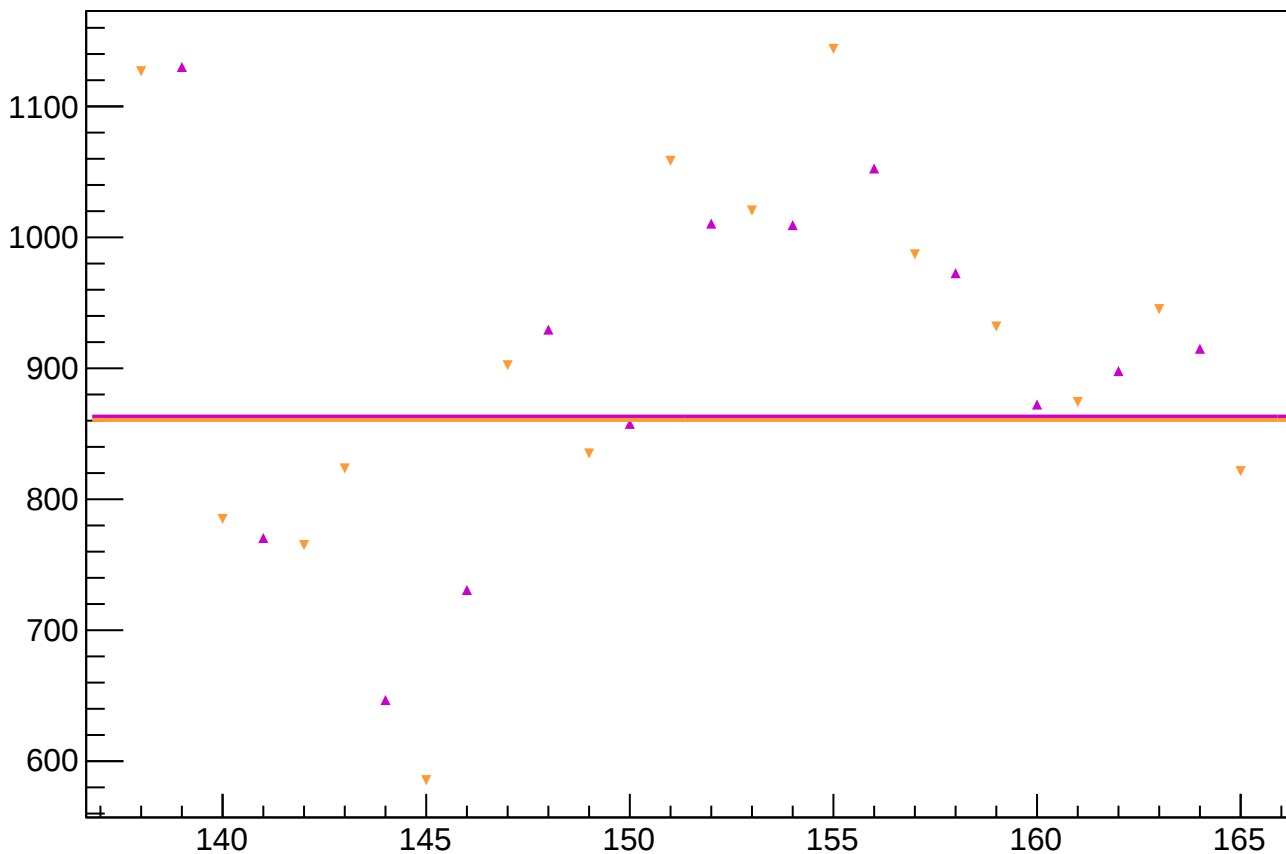
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 299.849 ± 271.359 $\chi^2/\text{NDF}: 6.7/12$

Out: -1539.261 ± 260.788 $\chi^2/\text{NDF}: 25.6/14$

All: -656.222 ± 188.031 $\chi^2/\text{NDF}: 56.1/27$

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 860.594+/-0.184 χ^2/NDF : 696368.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 863.146+/-0.192 χ^2/NDF : 510669.8/12

Left: 861.819+/-0.133 χ^2/NDF : 1207130.5/27

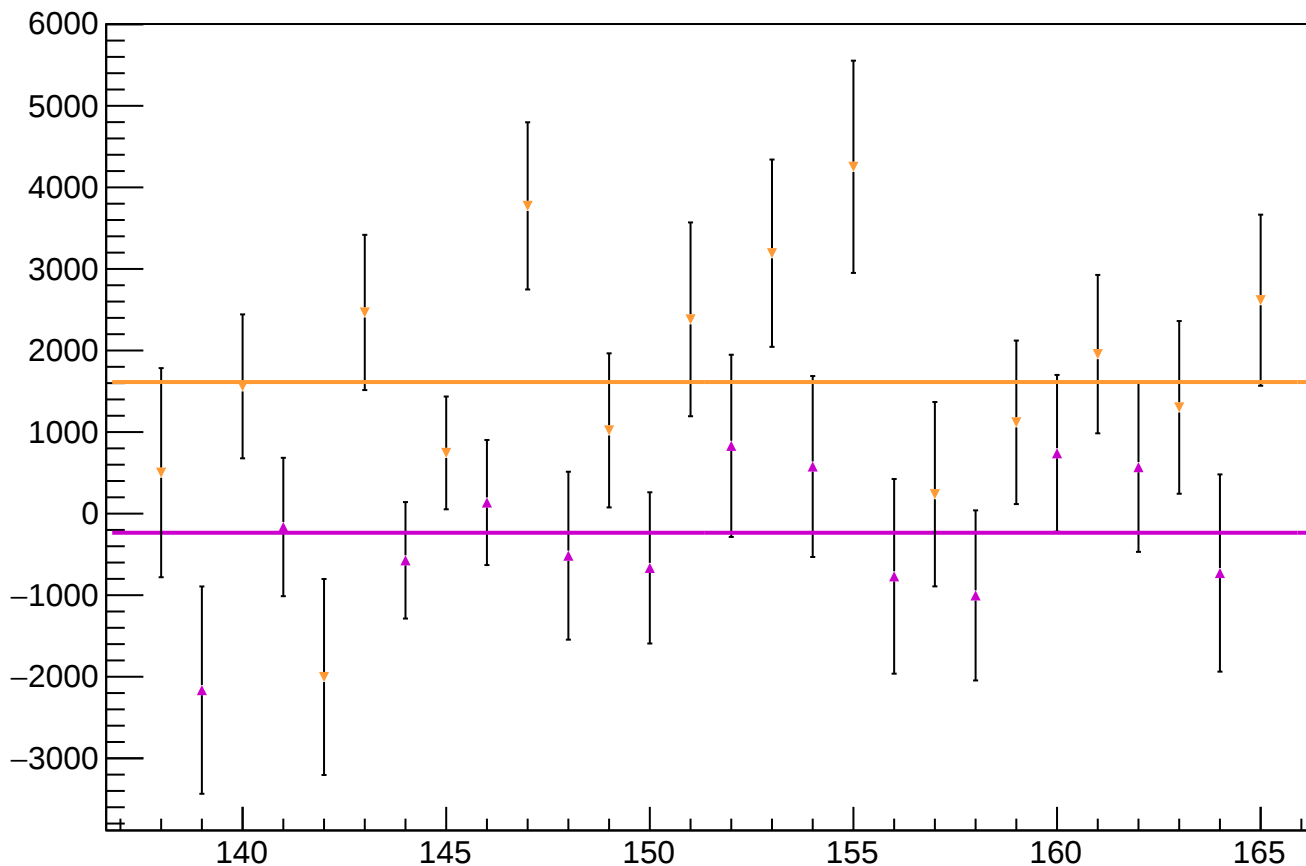
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 863.146+/-0.192 χ^2/NDF : 510669.8/12

Out: 860.594+/-0.184 χ^2/NDF : 696368.7/14

All: 861.819+/-0.133 χ^2/NDF : 1207130.5/27

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1613.296+/-262.159 χ^2/NDF : 26.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -234.497+/-270.097 χ^2/NDF : 7.0/12

Left: 716.949+/-188.118 χ^2/NDF : 57.4/27

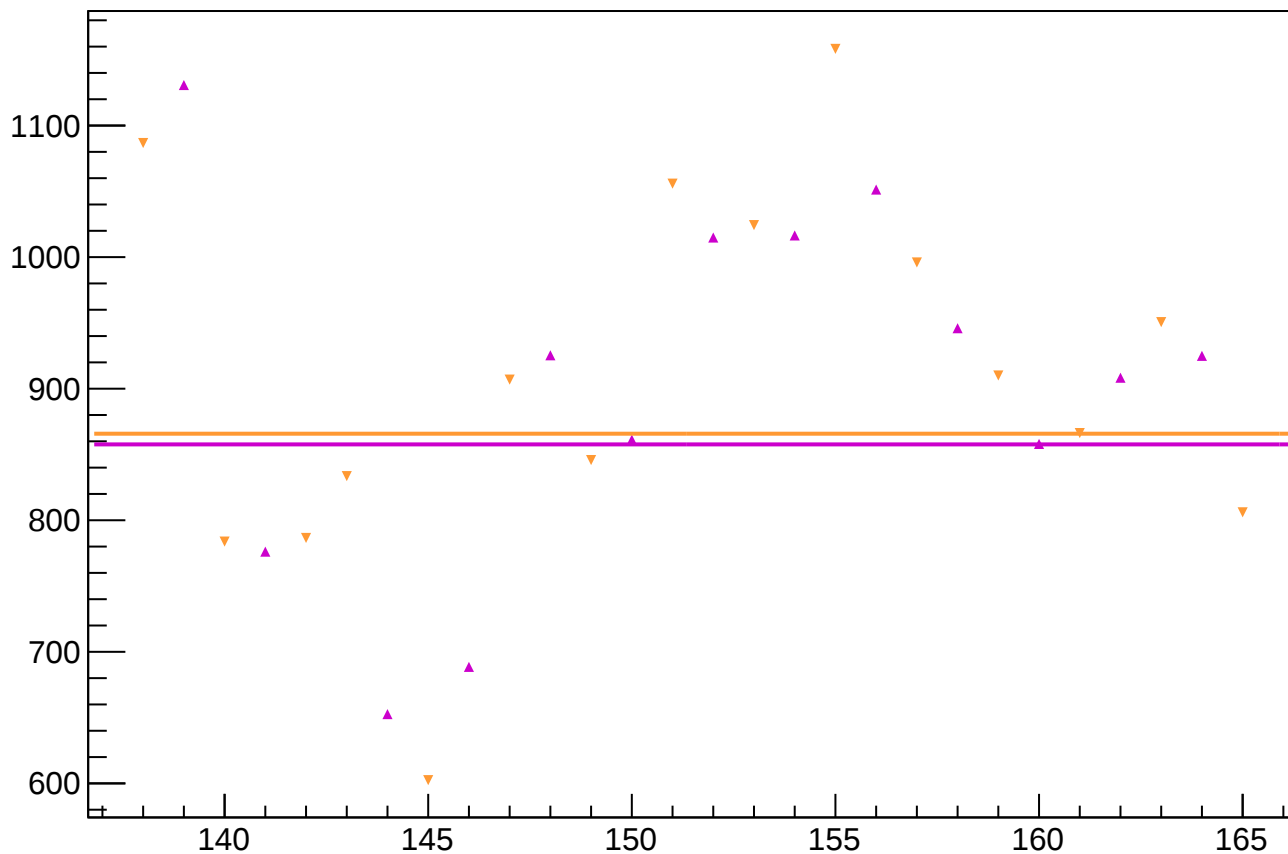
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -234.497+/-270.097 χ^2/NDF : 7.0/12

Out: 1613.296+/-262.159 χ^2/NDF : 26.3/14

All: 716.949+/-188.118 χ^2/NDF : 57.4/27

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 865.786+/-0.185 χ^2/NDF :621907.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 857.661+/-0.191 χ^2/NDF :540190.1/12

Left: 861.845+/-0.133 χ^2/NDF : 1163029.9/27

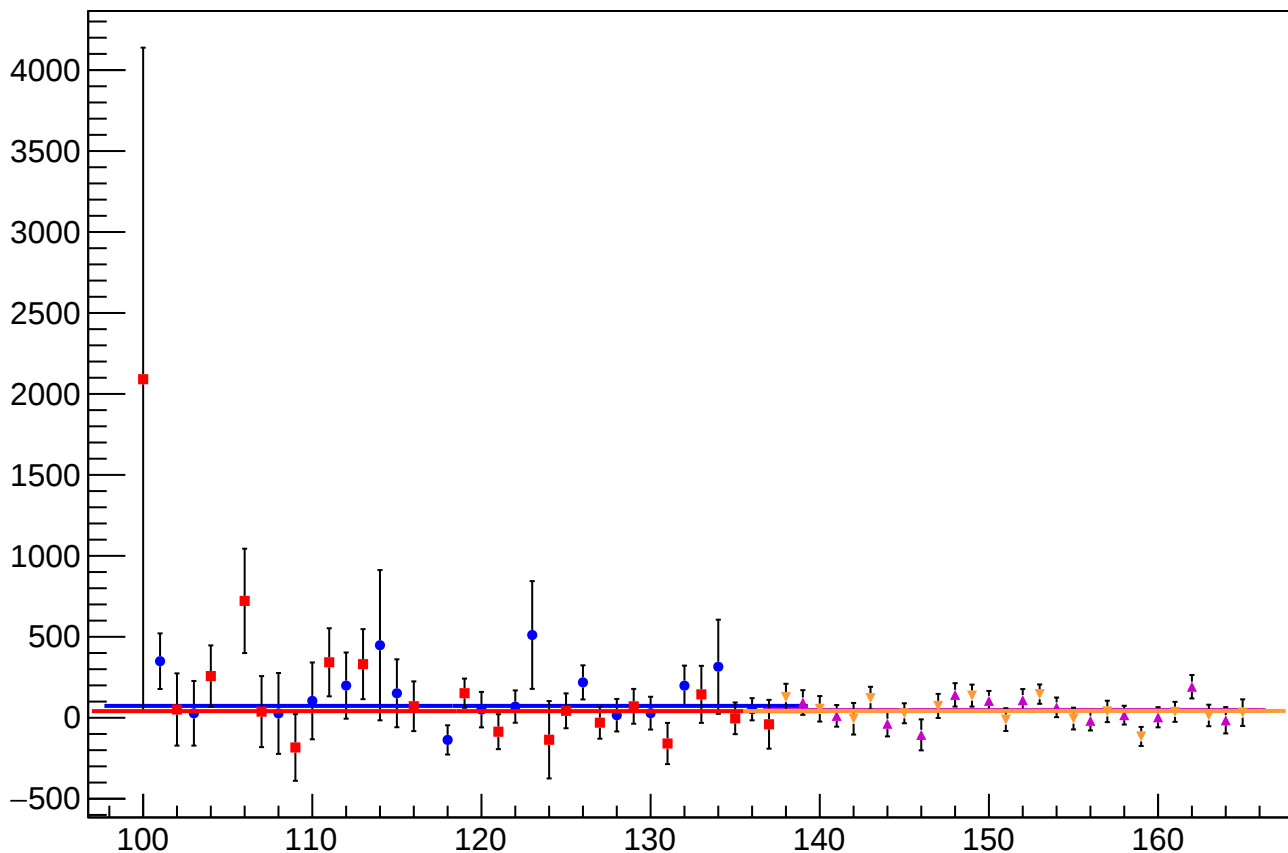
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 857.661+/-0.191 χ^2/NDF :540190.1/12

Out: 865.786+/-0.185 χ^2/NDF :621907.9/14

All: 861.845+/-0.133 χ^2/NDF : 1163029.9/27

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 42.302 $\pm$ 17.859 χ^2 /NDF:16.2/14

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 47.410 $\pm$ 18.931 χ^2 /NDF:14.4/12

Left: 44.707 $\pm$ 12.991 χ^2 /NDF: 30.7/27

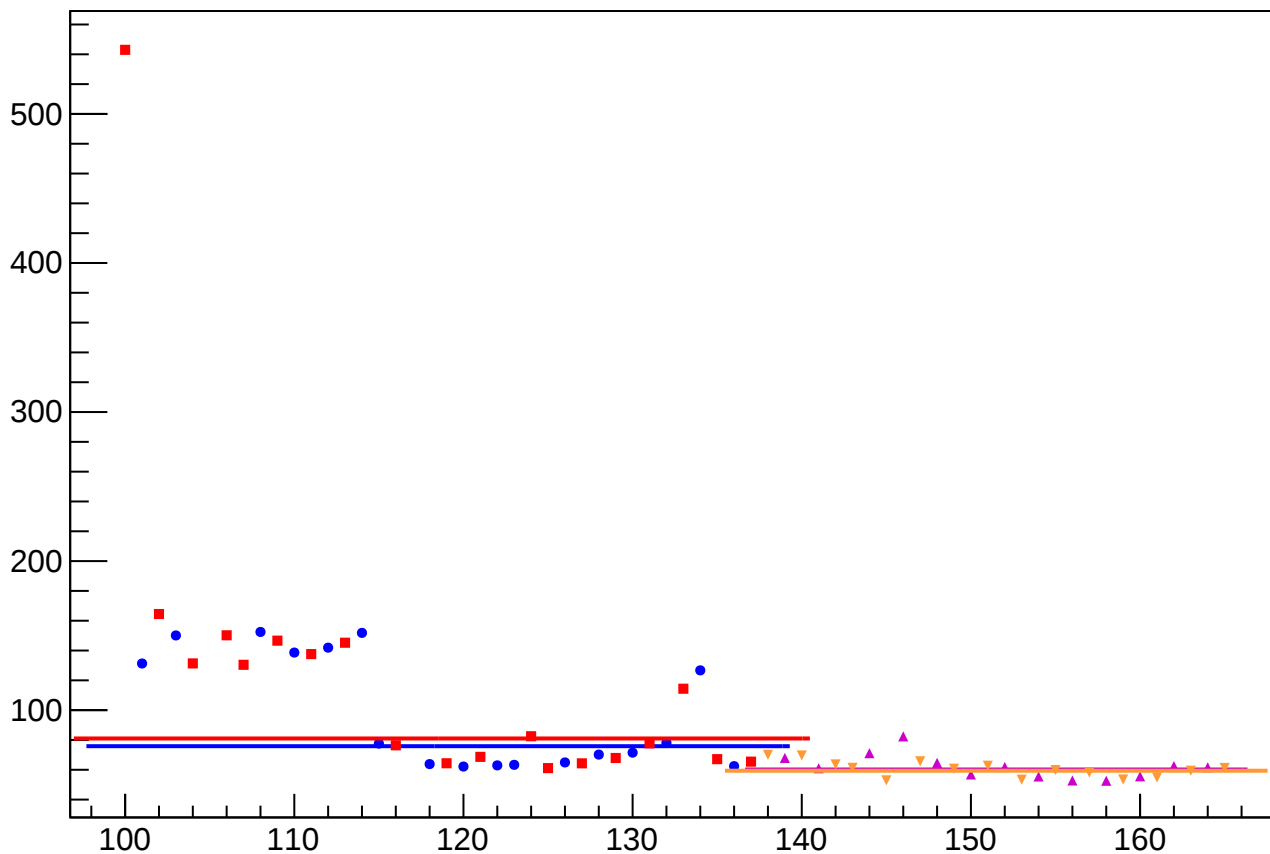
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 54.463 $\pm$ 16.165 χ^2 /NDF:30.2/29

Out: 42.030 $\pm$ 15.678 χ^2 /NDF:35.4/33

All: 48.056 $\pm$ 11.254 χ^2 /NDF: 65.9/63

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: 59.364 $\pm$ 0.013 χ^2/NDF :167321.8/14

Right Out: 80.999 $\pm$ 0.023 χ^2/NDF : 1627899.8/18

Left In: 60.183 $\pm$ 0.013 χ^2/NDF :271986.8/12

Left: 59.750 $\pm$ 0.009 χ^2/NDF : 441286.9/27

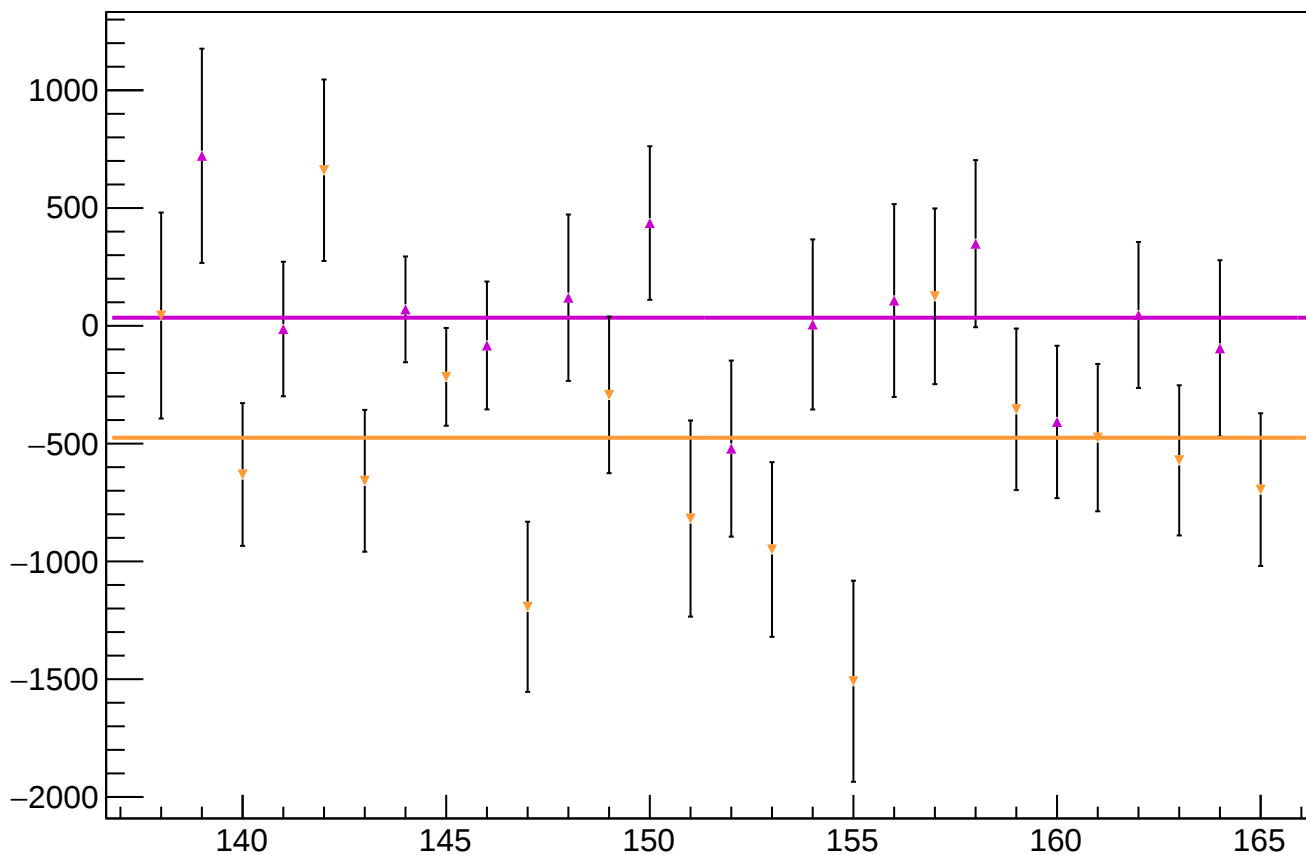
Right: 78.273 $\pm$ 0.016 χ^2/NDF : 3004207.0/35

In: 64.418 $\pm$ 0.011 χ^2/NDF :1991548.9/29

Out: 64.326 $\pm$ 0.011 χ^2/NDF :2468285.5/33

All: 64.370 $\pm$ 0.008 χ^2/NDF : 4459868.2/63

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -475.042+/-85.235 χ^2/NDF :28.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 34.493+/-89.876 χ^2/NDF :9.1/12

Left: -233.770+/-61.846 χ^2/NDF : 54.0/27

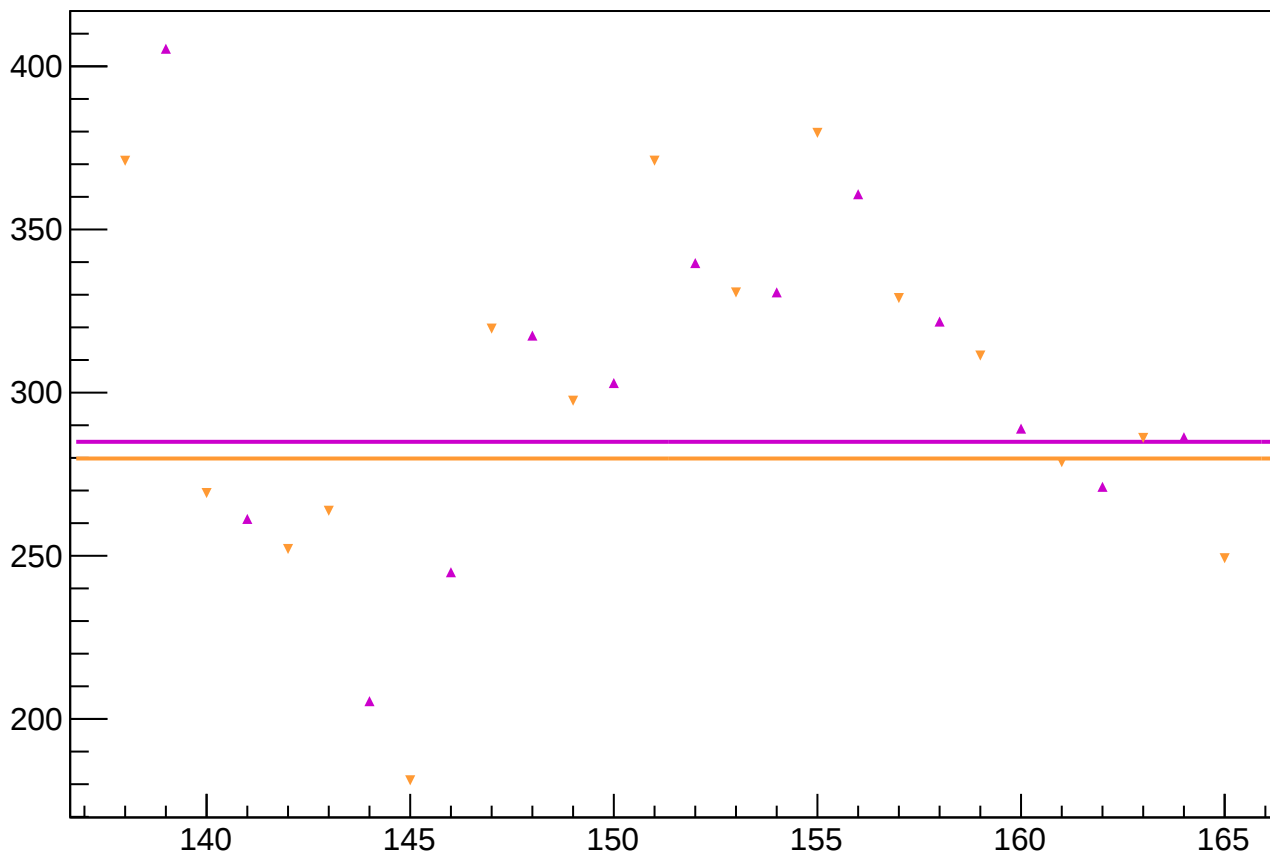
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.493+/-89.876 χ^2/NDF :9.1/12

Out: -475.042+/-85.235 χ^2/NDF :28.0/14

All: -233.770+/-61.846 χ^2/NDF : 54.0/27

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.812+/-0.060 χ^2/NDF : 900569.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 284.930+/-0.064 χ^2/NDF : 640779.4/12

Left: 282.236+/-0.044 χ^2/NDF : 1544762.8/27

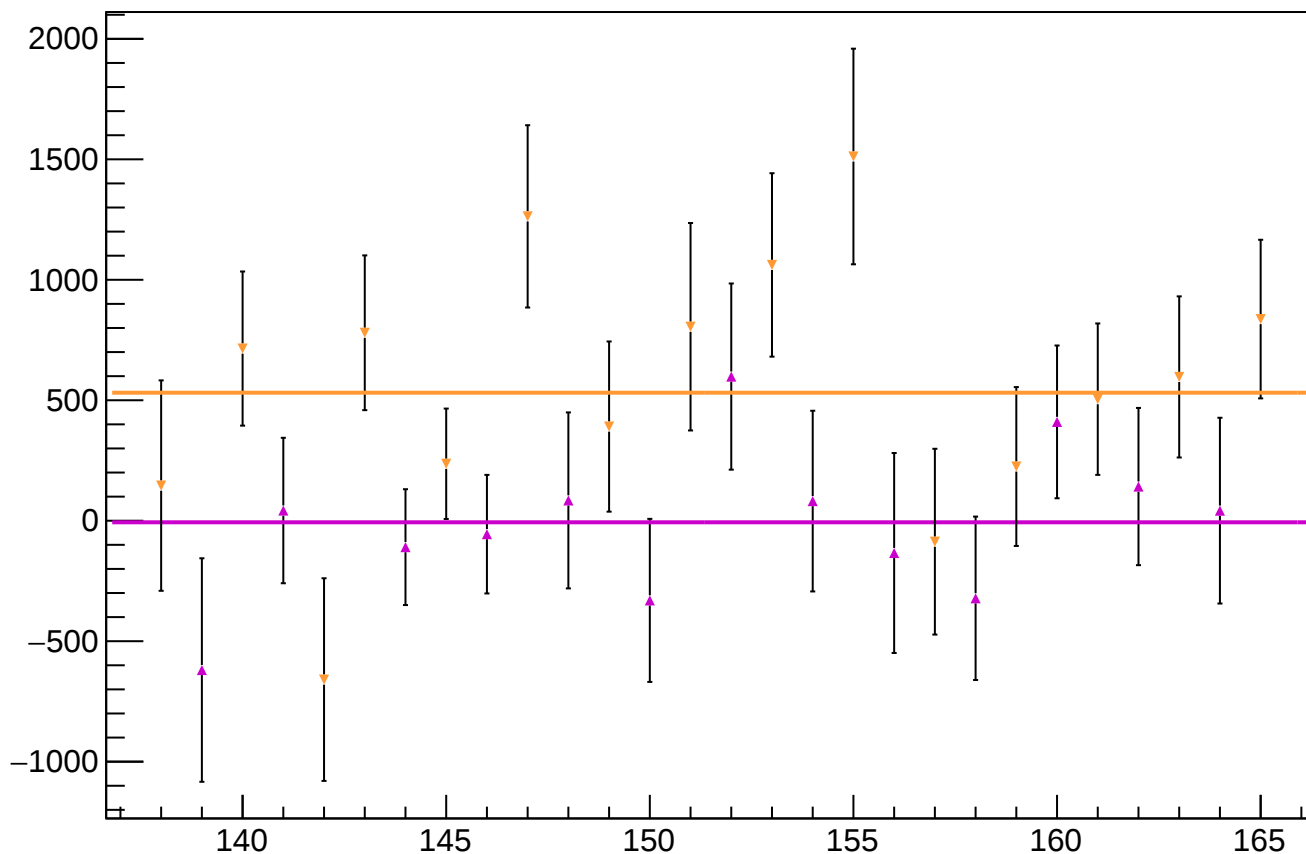
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 284.930+/-0.064 χ^2/NDF : 640779.4/12

Out: 279.812+/-0.060 χ^2/NDF : 900569.9/14

All: 282.236+/-0.044 χ^2/NDF : 1544762.8/27

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 531.384+/-89.108 χ^2/NDF :26.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.518+/-91.263 χ^2/NDF :8.4/12

Left: 268.860+/-63.757 χ^2/NDF : 52.9/27

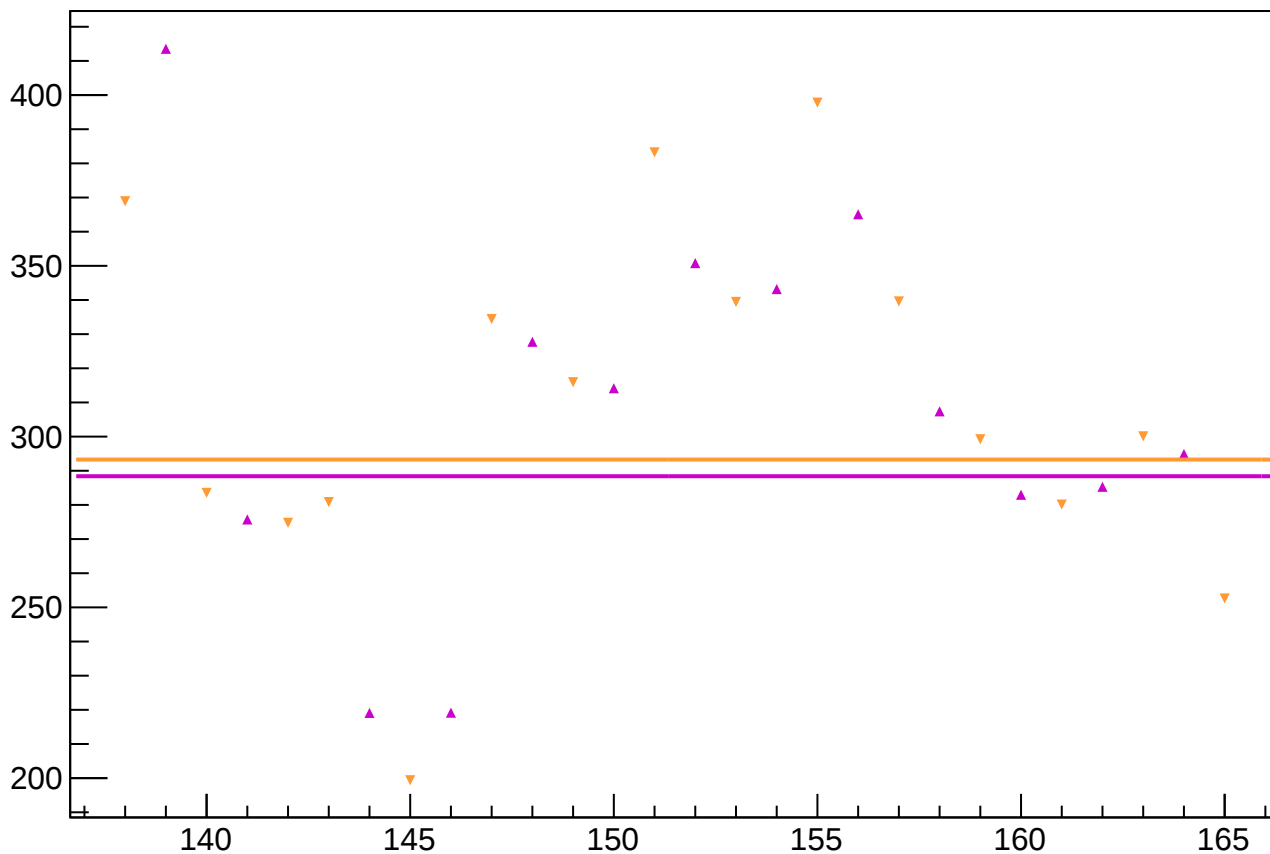
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.518+/-91.263 χ^2/NDF :8.4/12

Out: 531.384+/-89.108 χ^2/NDF :26.8/14

All: 268.860+/-63.757 χ^2/NDF : 52.9/27

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 293.277+/-0.063 χ^2/NDF : 726768.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.397+/-0.065 χ^2/NDF : 679277.9/12

Left: 290.895+/-0.045 χ^2/NDF : 1408973.0/27

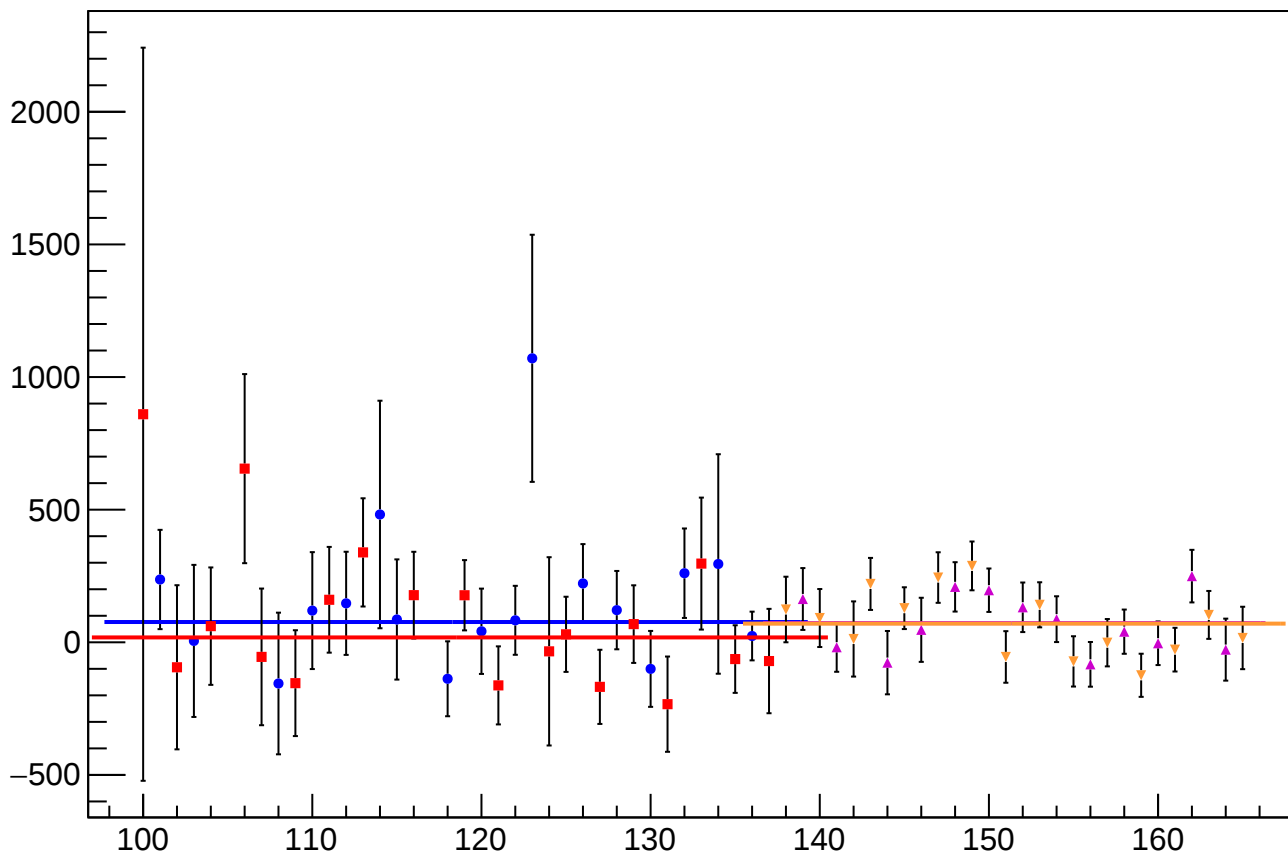
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.397+/-0.065 χ^2/NDF : 679277.9/12

Out: 293.277+/-0.063 χ^2/NDF : 726768.0/14

All: 290.895+/-0.045 χ^2/NDF : 1408973.0/27

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: 70.429 $\pm$ 24.492 χ^2 /NDF:25.0/14

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 72.304 $\pm$ 26.259 χ^2 /NDF:16.4/12

Left: 71.302 $\pm$ 17.911 χ^2 /NDF: 41.4/27

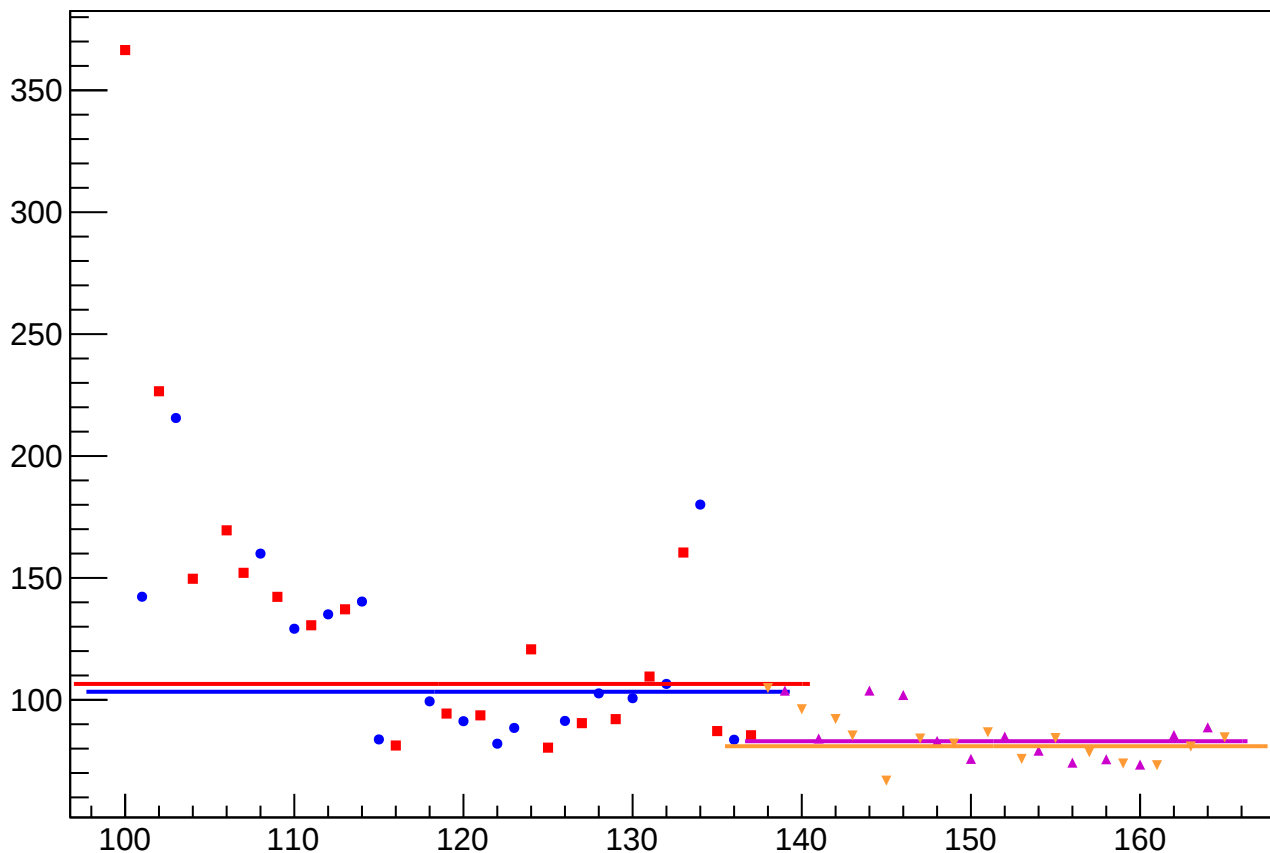
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 73.502 $\pm$ 22.199 χ^2 /NDF:30.3/29

Out: 57.354 $\pm$ 21.193 χ^2 /NDF:43.3/33

All: 65.054 $\pm$ 15.329 χ^2 /NDF: 73.9/63

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 80.985 $\pm$ 0.017 χ^2 /NDF:249469.9/14

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 83.037 $\pm$ 0.019 χ^2 /NDF:264626.0/12

Left: 81.940 $\pm$ 0.013 χ^2 /NDF: 520628.3/27

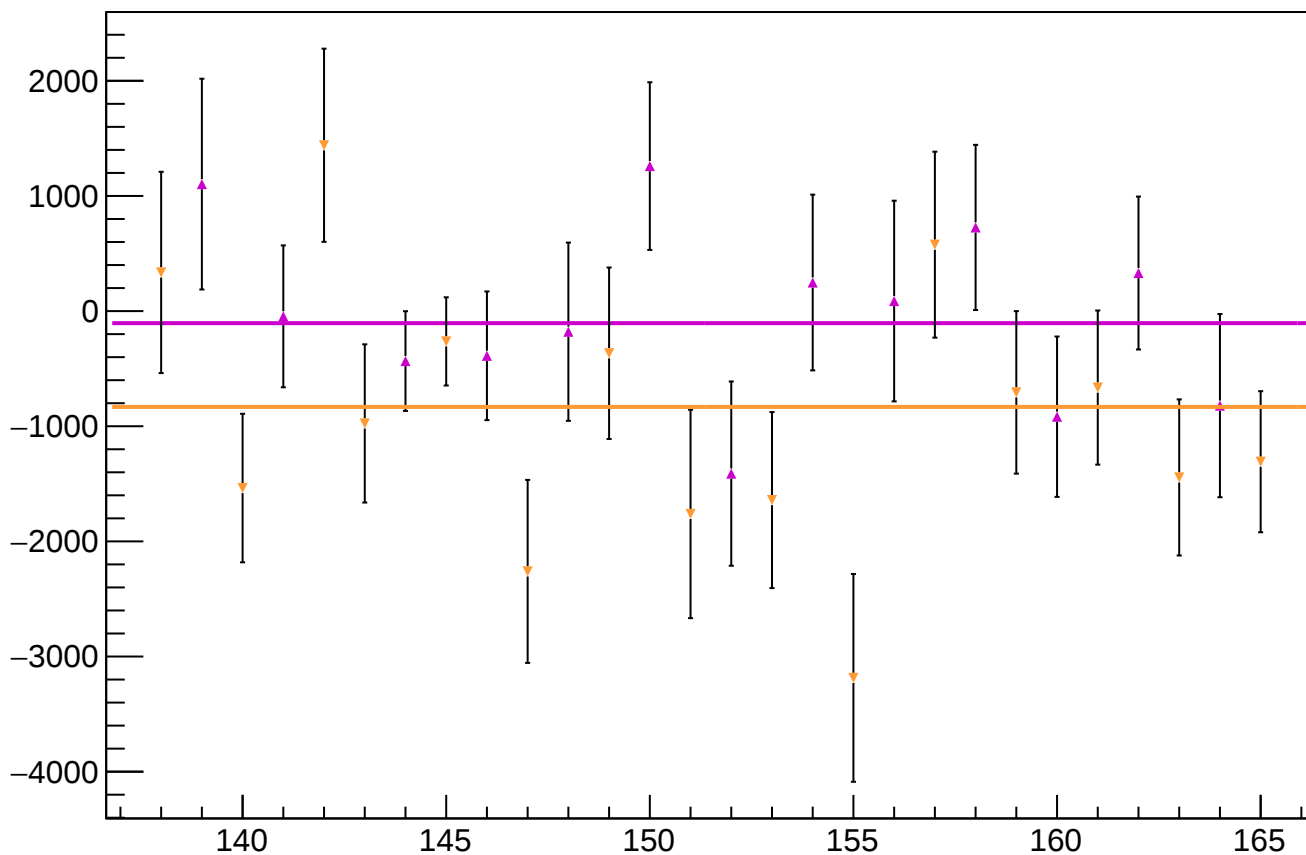
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 88.824 $\pm$ 0.016 χ^2 /NDF:1442825.4/29

Out: 87.404 $\pm$ 0.015 χ^2 /NDF:1867819.1/33

All: 88.081 $\pm$ 0.011 χ^2 /NDF: 3314924.0/63

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -832.339+/-176.146 χ^2/NDF :29.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -104.775+/-187.765 χ^2/NDF :13.0/12

Left: -491.763+/-128.465 χ^2/NDF : 50.7/27

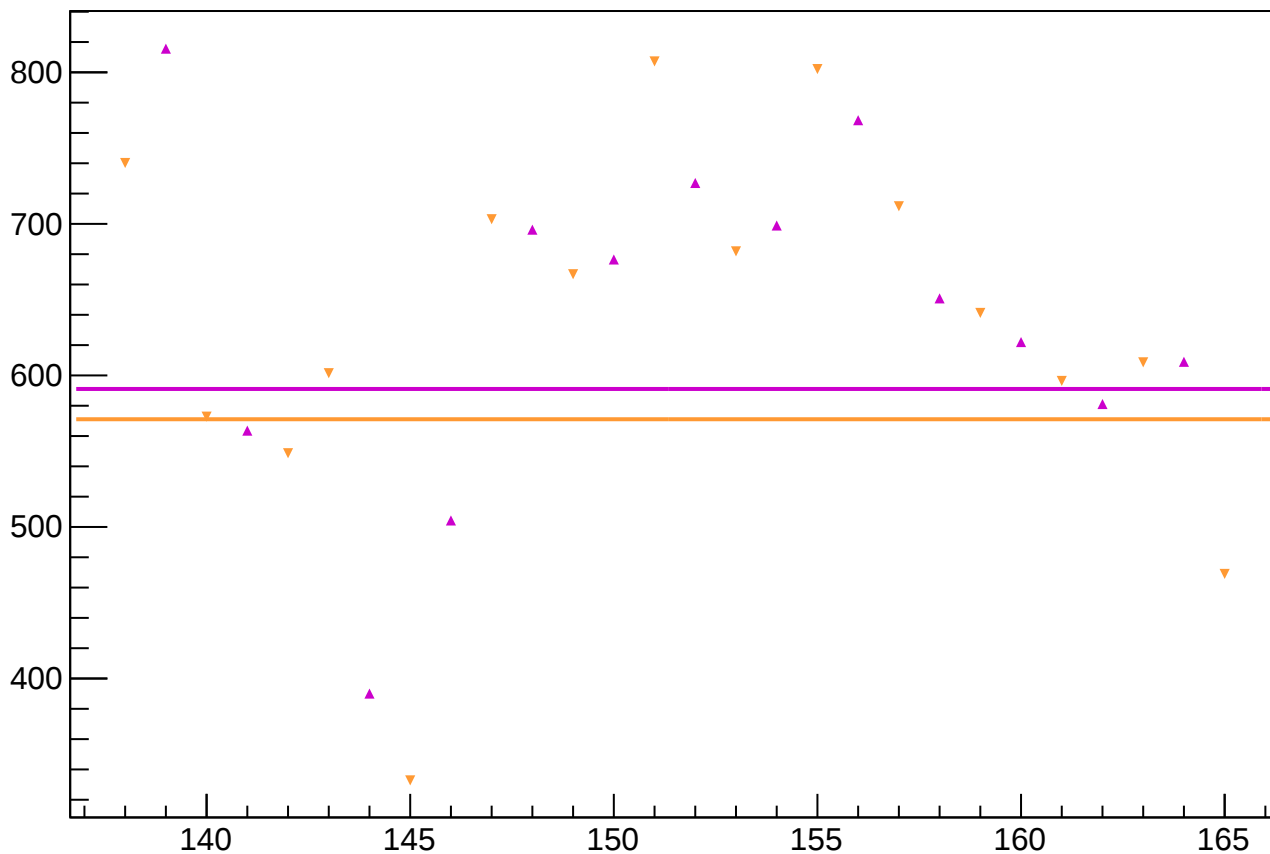
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -104.775+/-187.765 χ^2/NDF :13.0/12

Out: -832.339+/-176.146 χ^2/NDF :29.7/14

All: -491.763+/-128.465 χ^2/NDF : 50.7/27

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 571.083+/-0.125 χ^2/NDF :1396530.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 591.068+/-0.133 χ^2/NDF :867504.0/12

Left: 580.438+/-0.091 χ^2/NDF : 2276086.5/27

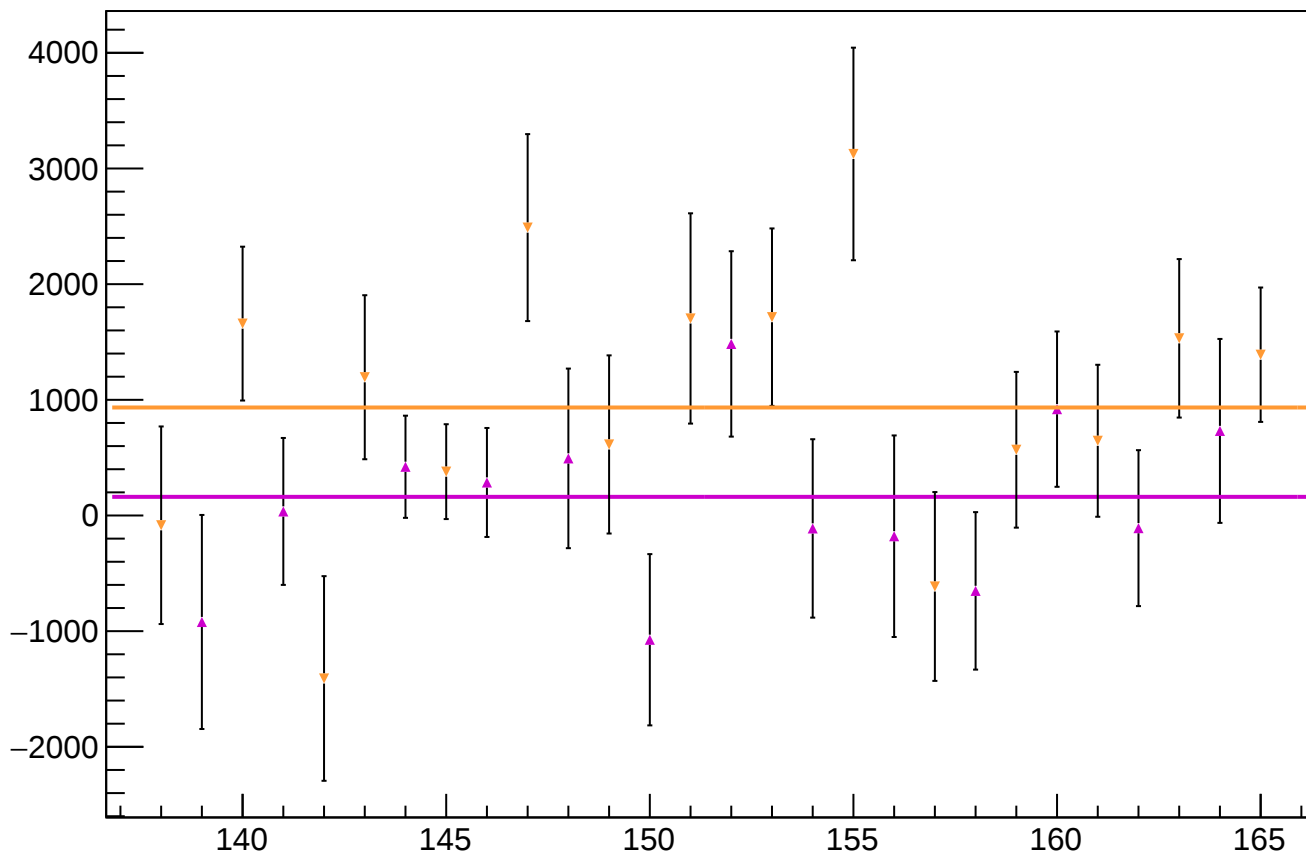
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 591.068+/-0.133 χ^2/NDF :867504.0/12

Out: 571.083+/-0.125 χ^2/NDF :1396530.8/14

All: 580.438+/-0.091 χ^2/NDF : 2276086.5/27

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 933.715+/-178.815 χ^2/NDF : 28.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 161.199+/-184.195 χ^2/NDF : 11.2/12

Left: 558.903+/-128.301 χ^2/NDF : 48.6/27

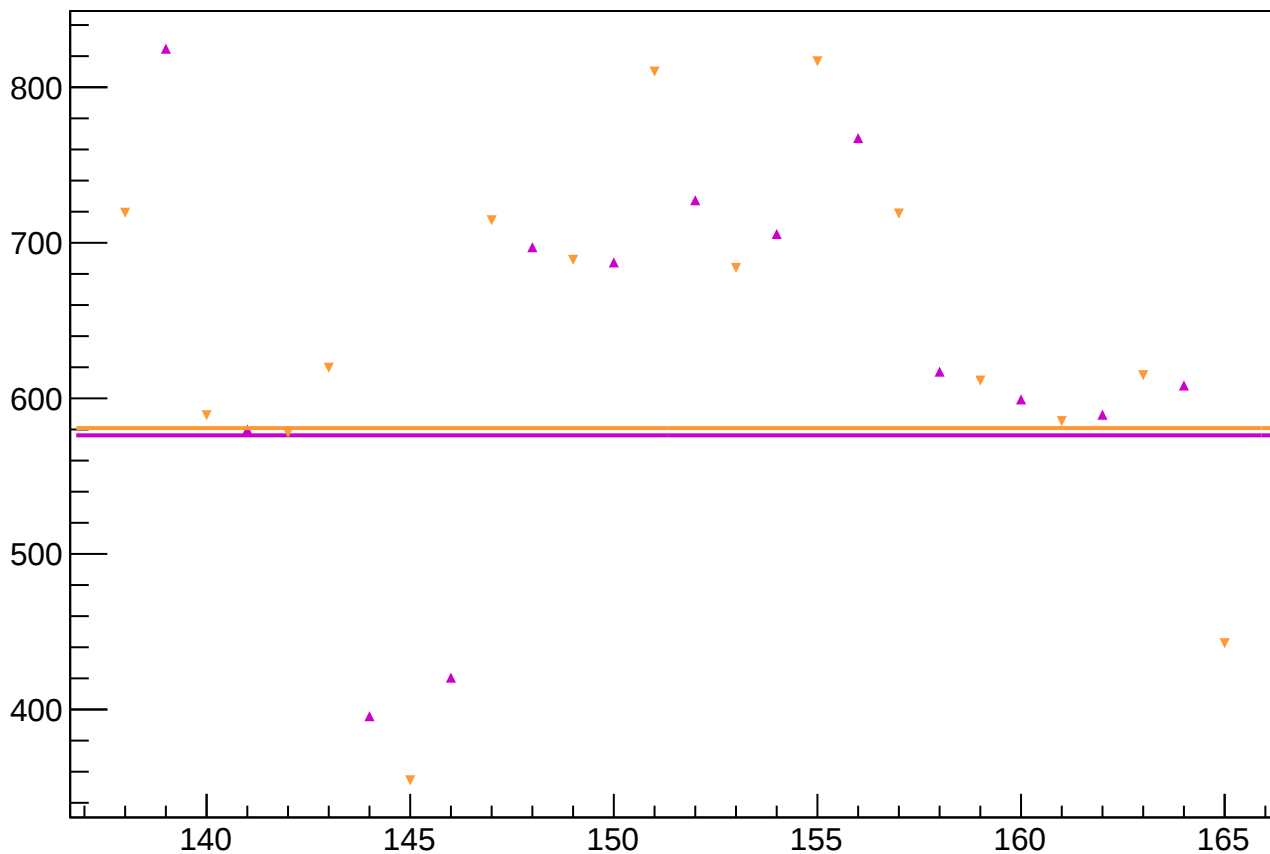
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 161.199+/-184.195 χ^2/NDF : 11.2/12

Out: 933.715+/-178.815 χ^2/NDF : 28.4/14

All: 558.903+/-128.301 χ^2/NDF : 48.6/27

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 580.895+/-0.126 χ^2/NDF :1237298.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 576.241+/-0.130 χ^2/NDF :1028196.8/12

Left: 578.637+/-0.091 χ^2/NDF : 2266152.1/27

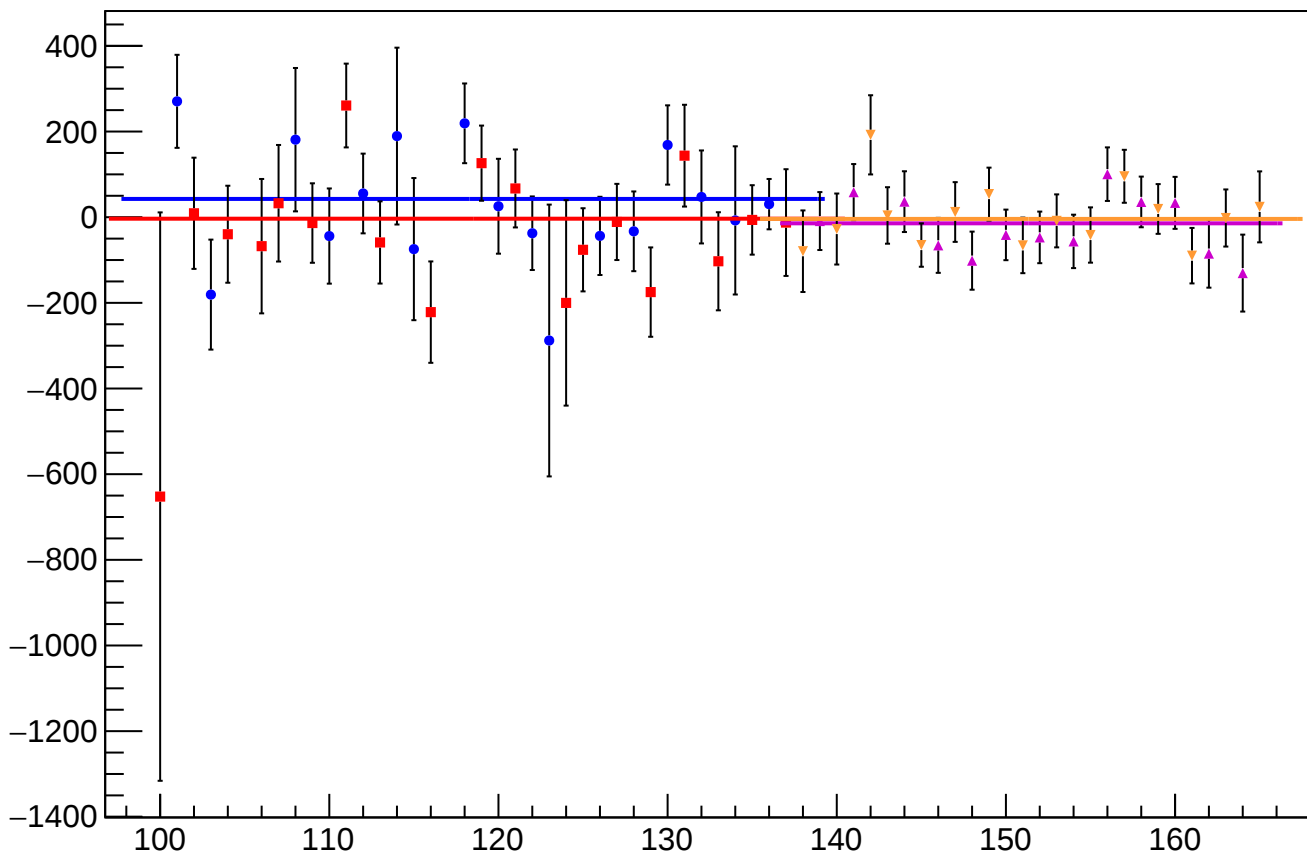
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 576.241+/-0.130 χ^2/NDF :1028196.8/12

Out: 580.895+/-0.126 χ^2/NDF :1237298.0/14

All: 578.637+/-0.091 χ^2/NDF : 2266152.1/27

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: -4.004 $\pm$ 17.237 χ^2 /NDF:13.5/14

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -14.307 $\pm$ 18.184 χ^2 /NDF:12.2/12

Left: -8.880 $\pm$ 12.510 χ^2 /NDF: 25.8/27

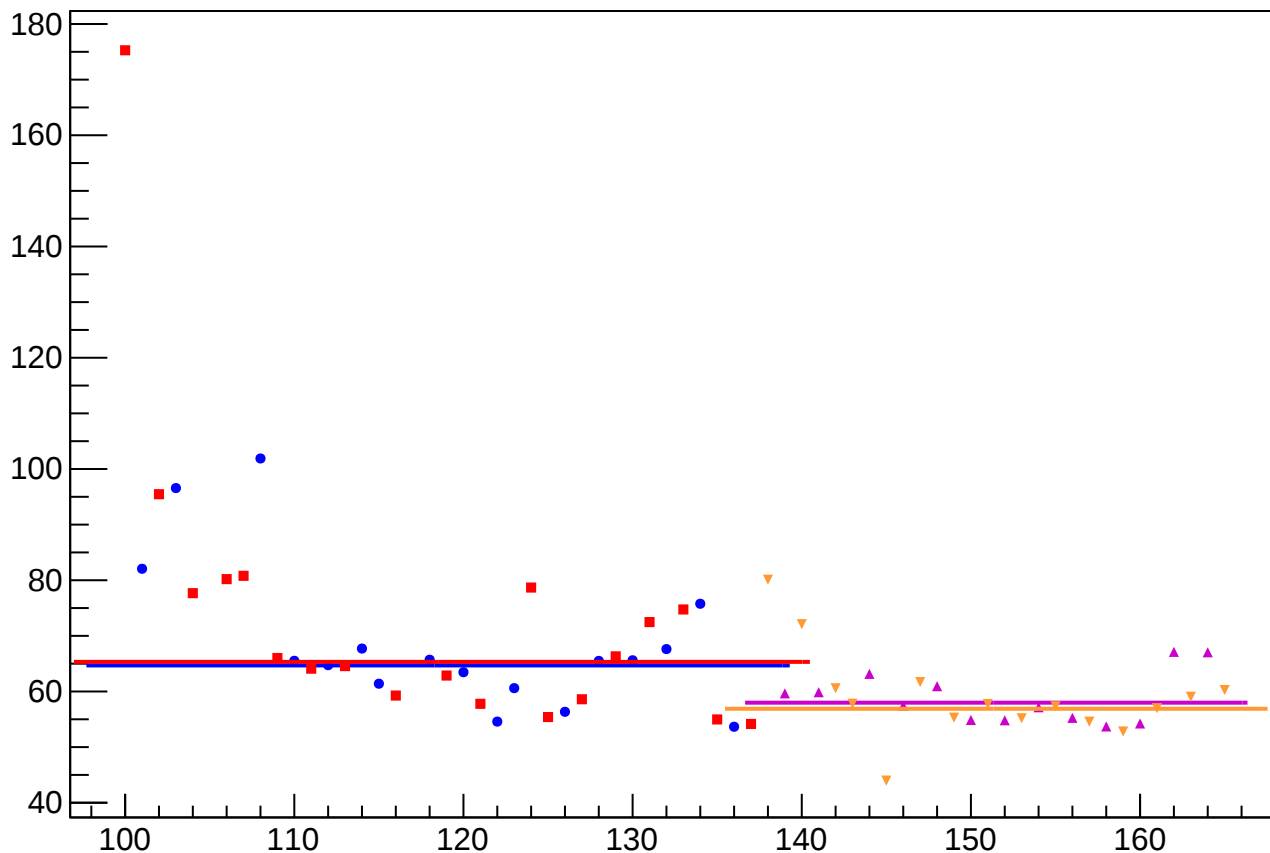
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 4.908 $\pm$ 14.802 χ^2 /NDF:34.3/29

Out: -3.843 $\pm$ 14.204 χ^2 /NDF:34.9/33

All: 0.352 $\pm$ 10.249 χ^2 /NDF: 69.4/63

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: 56.893 $\pm$ 0.012 χ^2 /NDF: 350378.9/14

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.991 $\pm$ 0.013 χ^2 /NDF: 97475.5/12

Left: 57.412 $\pm$ 0.009 χ^2 /NDF: 451693.6/27

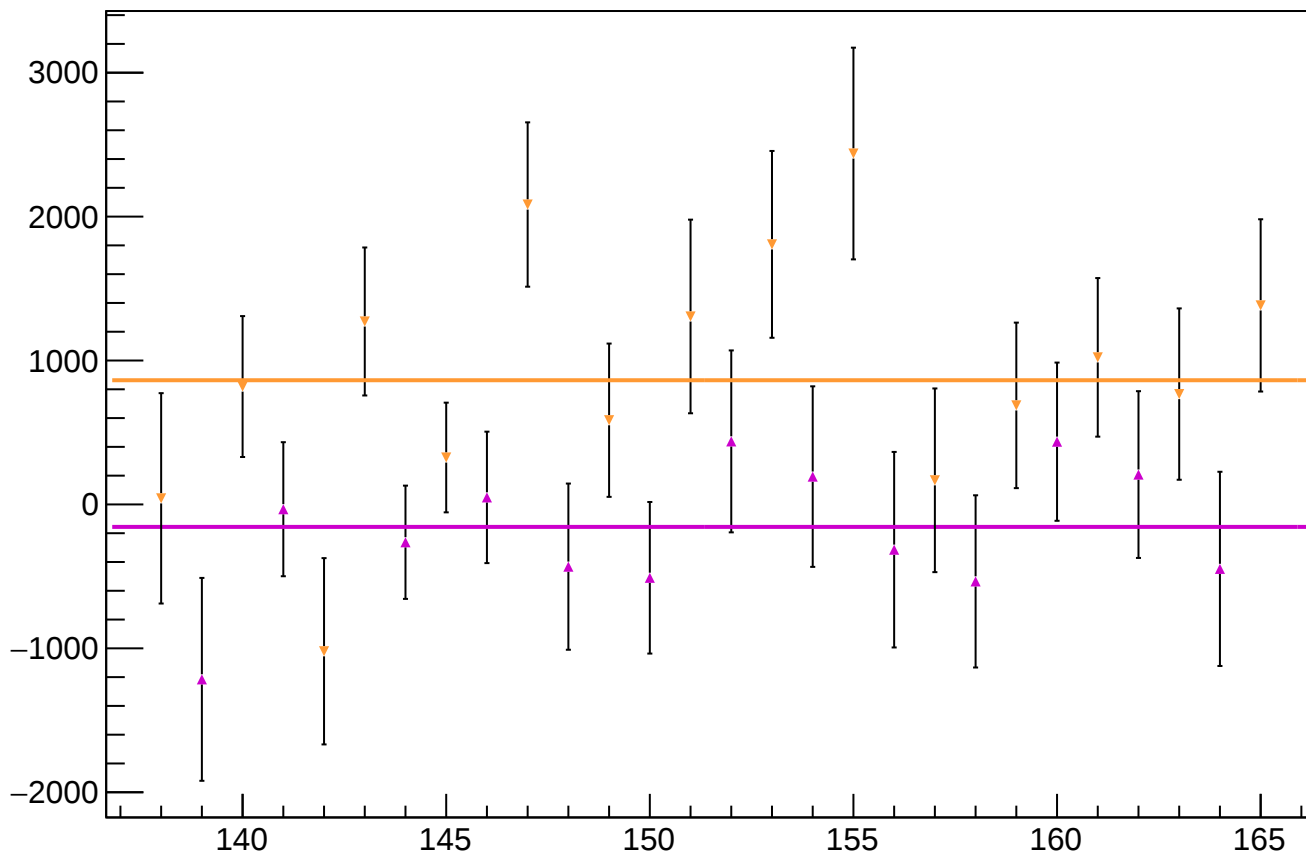
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.249 $\pm$ 0.010 χ^2 /NDF: 589117.2/29

Out: 59.599 $\pm$ 0.010 χ^2 /NDF: 863557.1/33

All: 59.911 $\pm$ 0.007 χ^2 /NDF: 1454680.8/63

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: 862.953+/-146.634 χ^2/NDF :26.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -156.094+/-152.554 χ^2/NDF :6.7/12

Left: 373.585+/-105.717 χ^2/NDF : 56.3/27

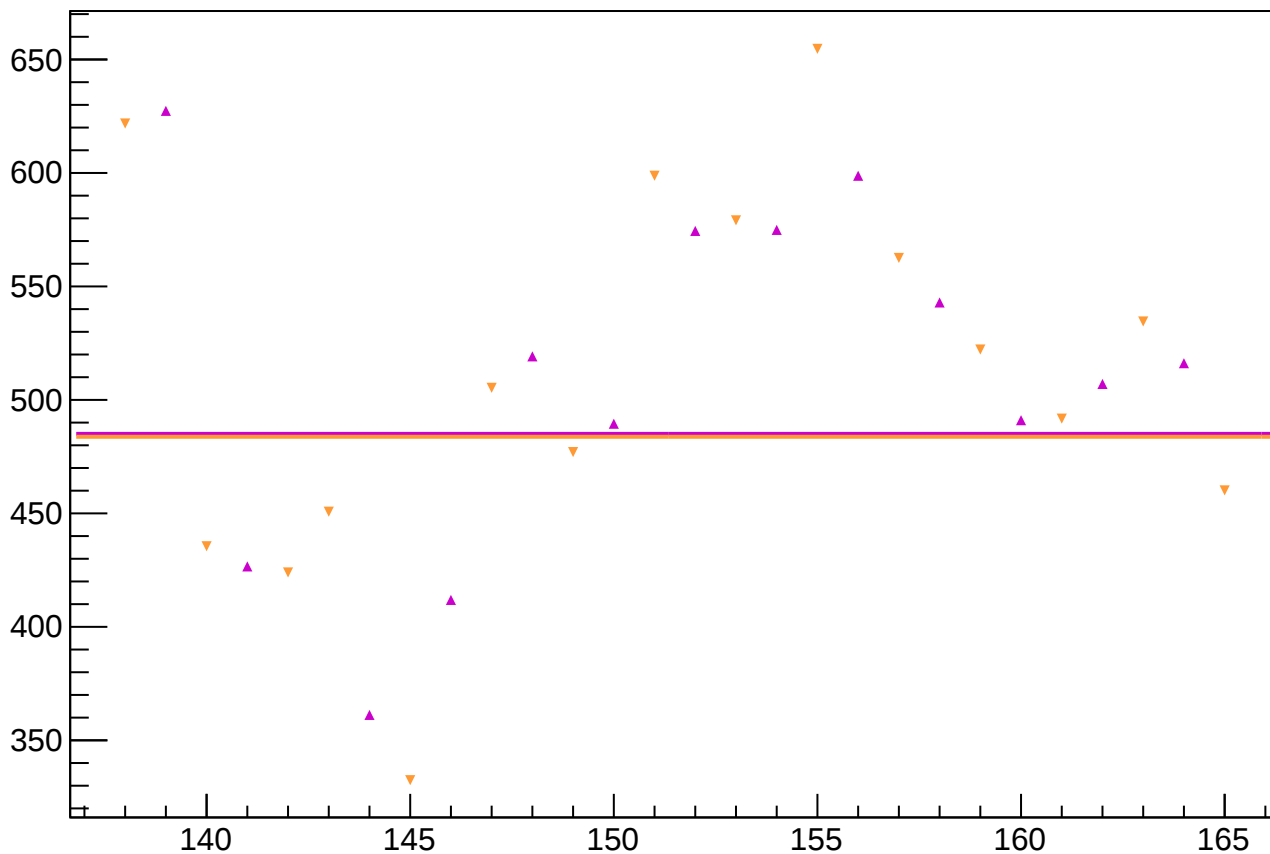
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -156.094+/-152.554 χ^2/NDF :6.7/12

Out: 862.953+/-146.634 χ^2/NDF :26.5/14

All: 373.585+/-105.717 χ^2/NDF : 56.3/27

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: 483.756+/-0.104 χ^2/NDF : 701725.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 485.026+/-0.108 χ^2/NDF : 532762.5/12

Left: 484.366+/-0.075 χ^2/NDF : 1234560.1/27

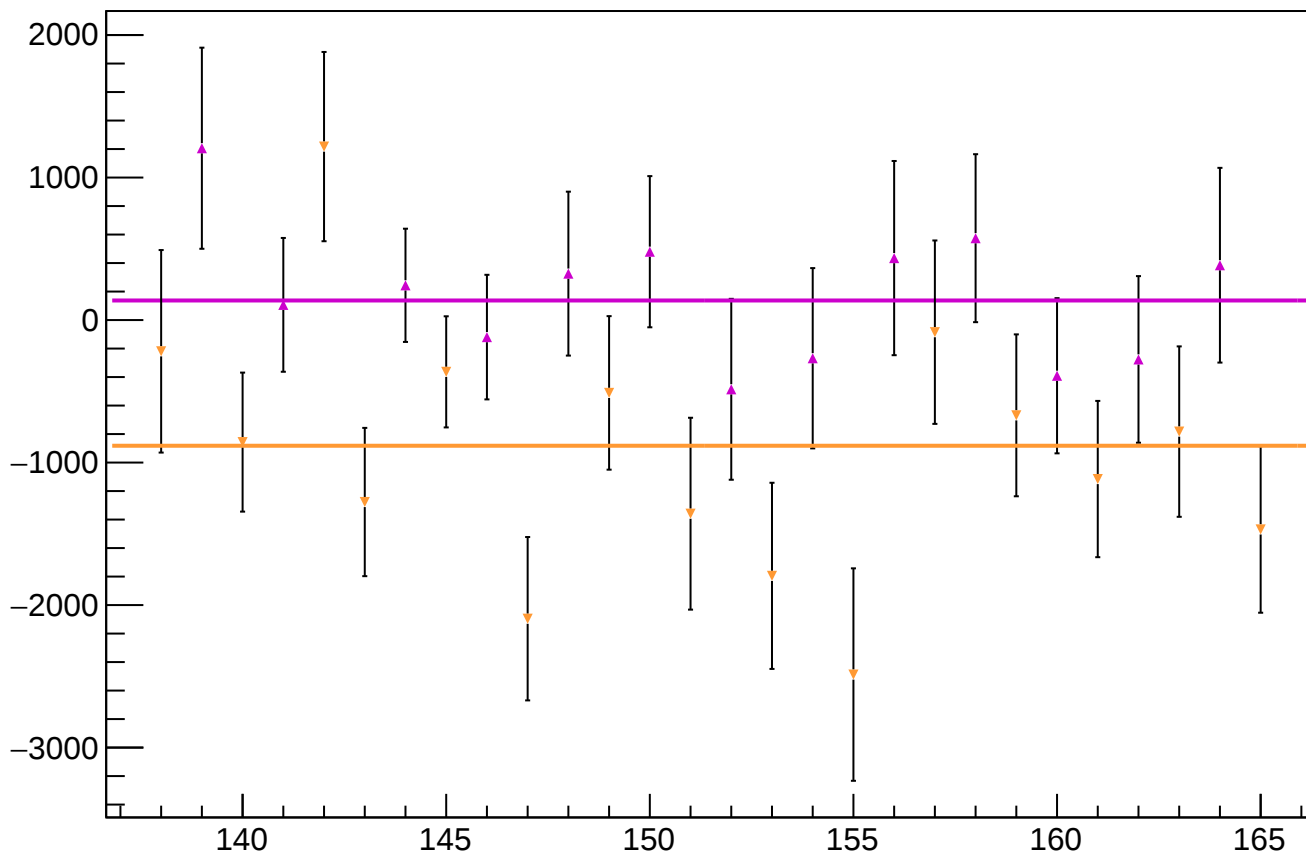
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 485.026+/-0.108 χ^2/NDF : 532762.5/12

Out: 483.756+/-0.104 χ^2/NDF : 701725.5/14

All: 484.366+/-0.075 χ^2/NDF : 1234560.1/27

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -881.961+/-147.241 χ^2/NDF :28.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.351+/-152.240 χ^2/NDF :6.9/12

Left: -389.316+/-105.838 χ^2/NDF : 58.2/27

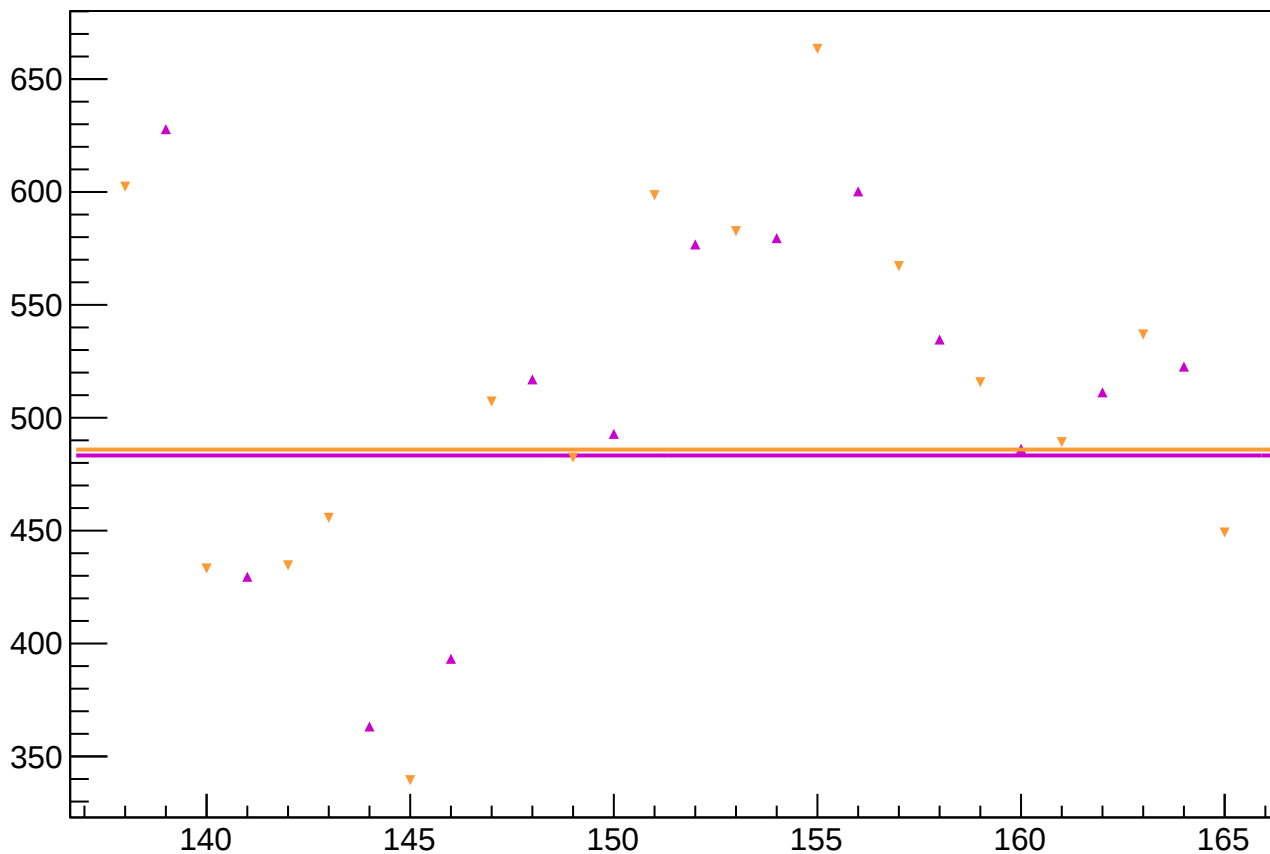
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.351+/-152.240 χ^2/NDF :6.9/12

Out: -881.961+/-147.241 χ^2/NDF :28.2/14

All: -389.316+/-105.838 χ^2/NDF : 58.2/27

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 485.907+/-0.104 χ^2/NDF : 653812.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 483.290+/-0.108 χ^2/NDF : 560184.5/12

Left: 484.642+/-0.075 χ^2/NDF : 1214302.4/27

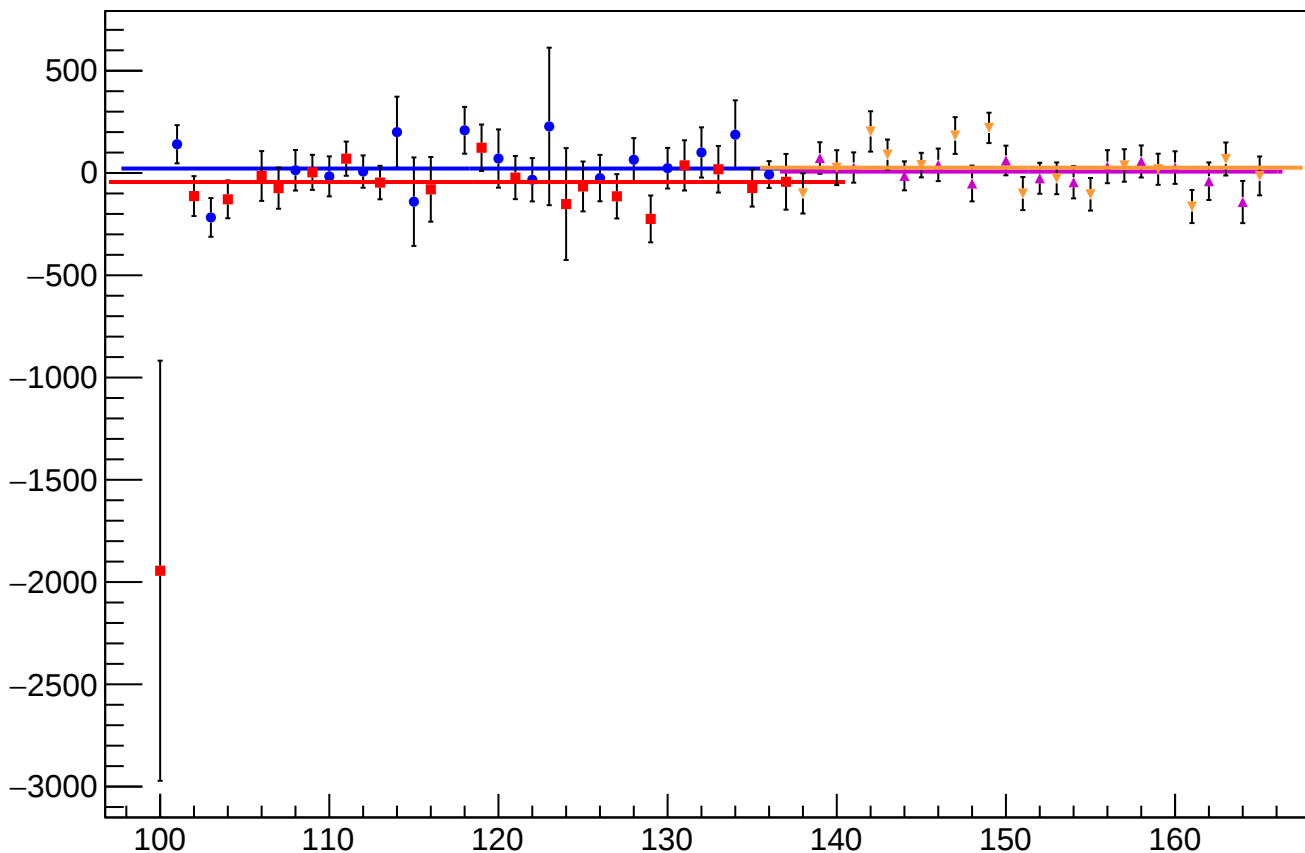
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 483.290+/-0.108 χ^2/NDF : 560184.5/12

Out: 485.907+/-0.104 χ^2/NDF : 653812.4/14

All: 484.642+/-0.075 χ^2/NDF : 1214302.4/27

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: 26.107 $\pm$ 20.697 χ^2 /NDF:27.1/14

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 6.900 $\pm$ 22.090 χ^2 /NDF:5.6/12

Left: 17.128 $\pm$ 15.103 χ^2 /NDF: 33.1/27

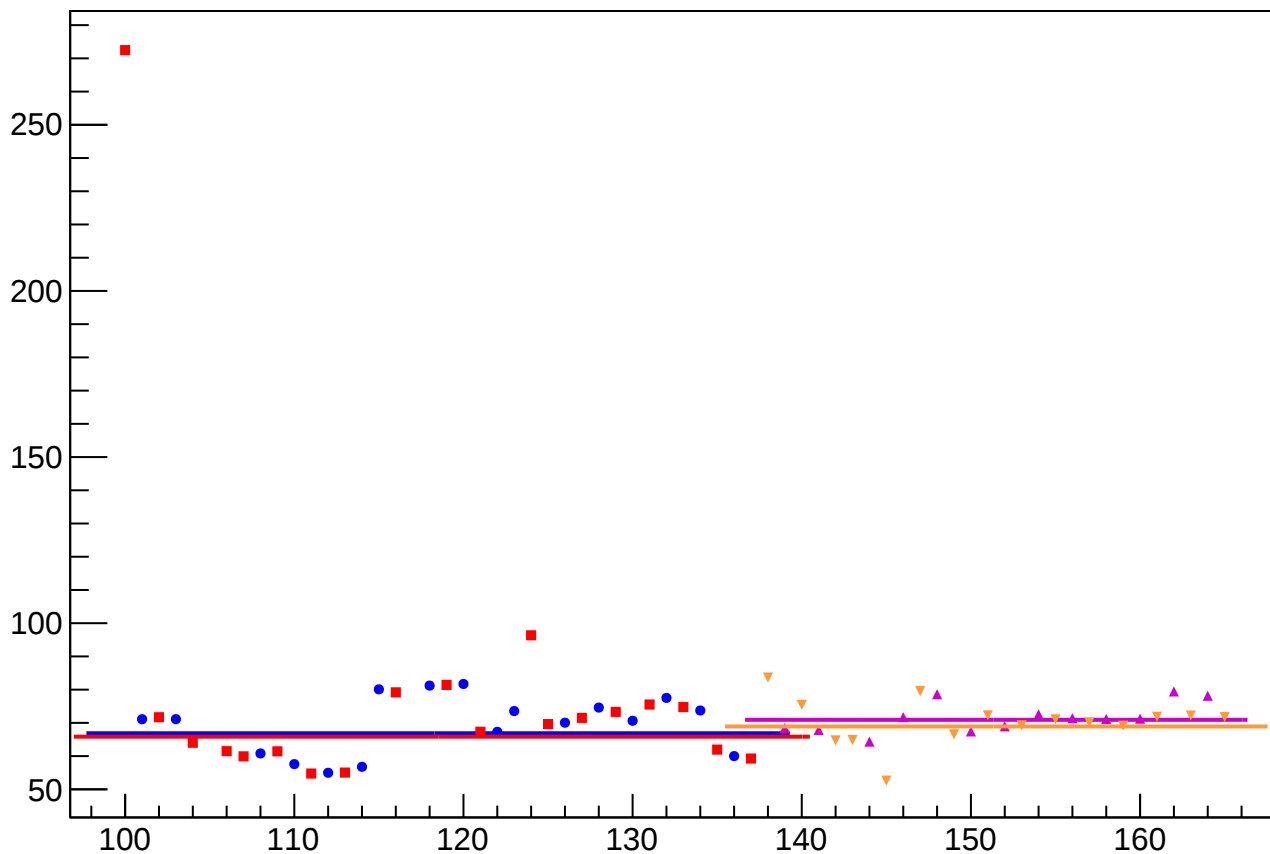
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 13.176 $\pm$ 16.849 χ^2 /NDF:20.9/29

Out: -2.238 $\pm$ 15.971 χ^2 /NDF:45.1/33

All: 5.057 $\pm$ 11.591 χ^2 /NDF: 66.4/63

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: 68.927 $\pm$ 0.015 χ^2/NDF : 256622.7/14

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 70.918 $\pm$ 0.016 χ^2/NDF : 72437.4/12

Left: 69.858 $\pm$ 0.011 χ^2/NDF : 337714.4/27

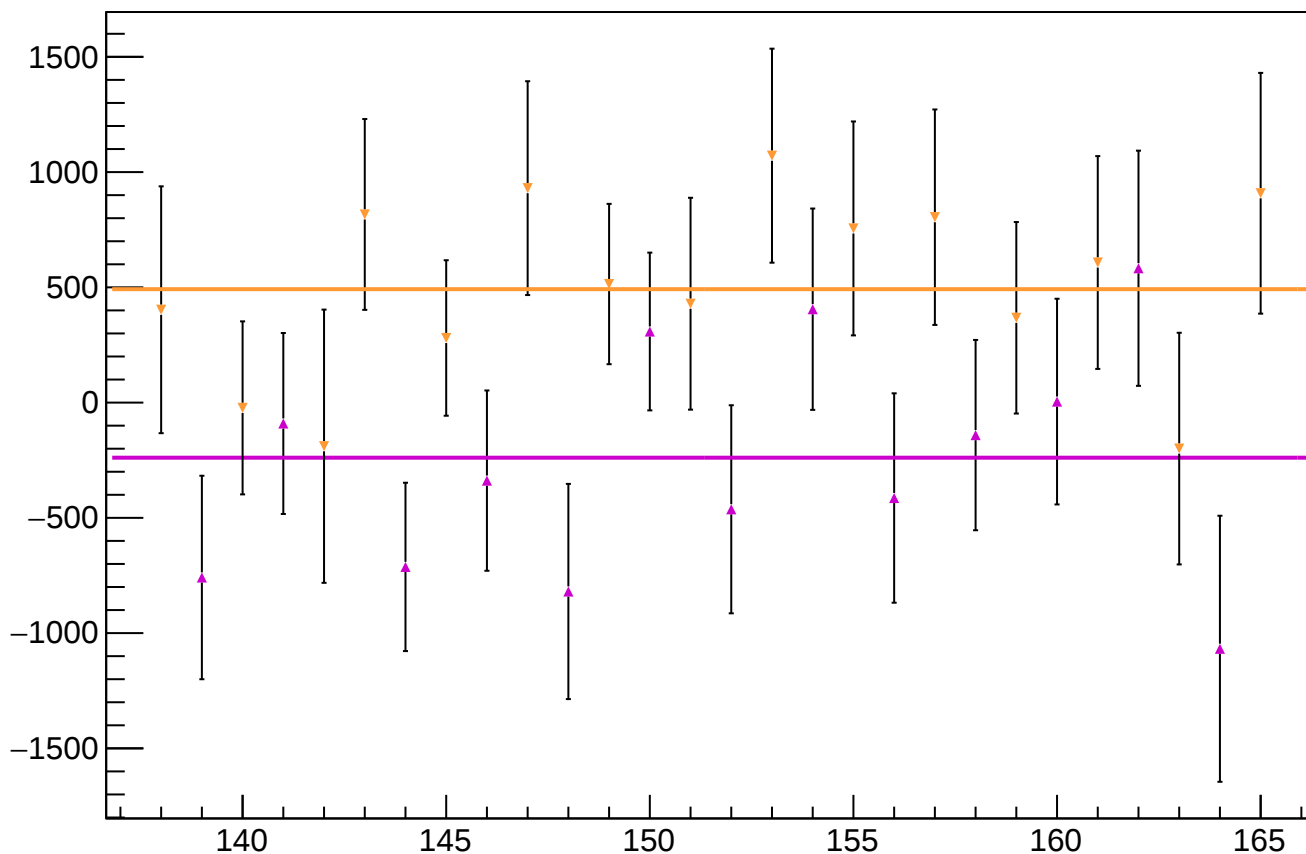
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 69.226 $\pm$ 0.012 χ^2/NDF : 303014.9/29

Out: 67.684 $\pm$ 0.011 χ^2/NDF : 574333.0/33

All: 68.414 $\pm$ 0.008 χ^2/NDF : 886175.7/63

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: 492.065+/-113.454 χ^2/NDF :10.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -239.006+/-118.248 χ^2/NDF :15.0/12

Left: 141.650+/-81.866 χ^2/NDF : 45.0/27

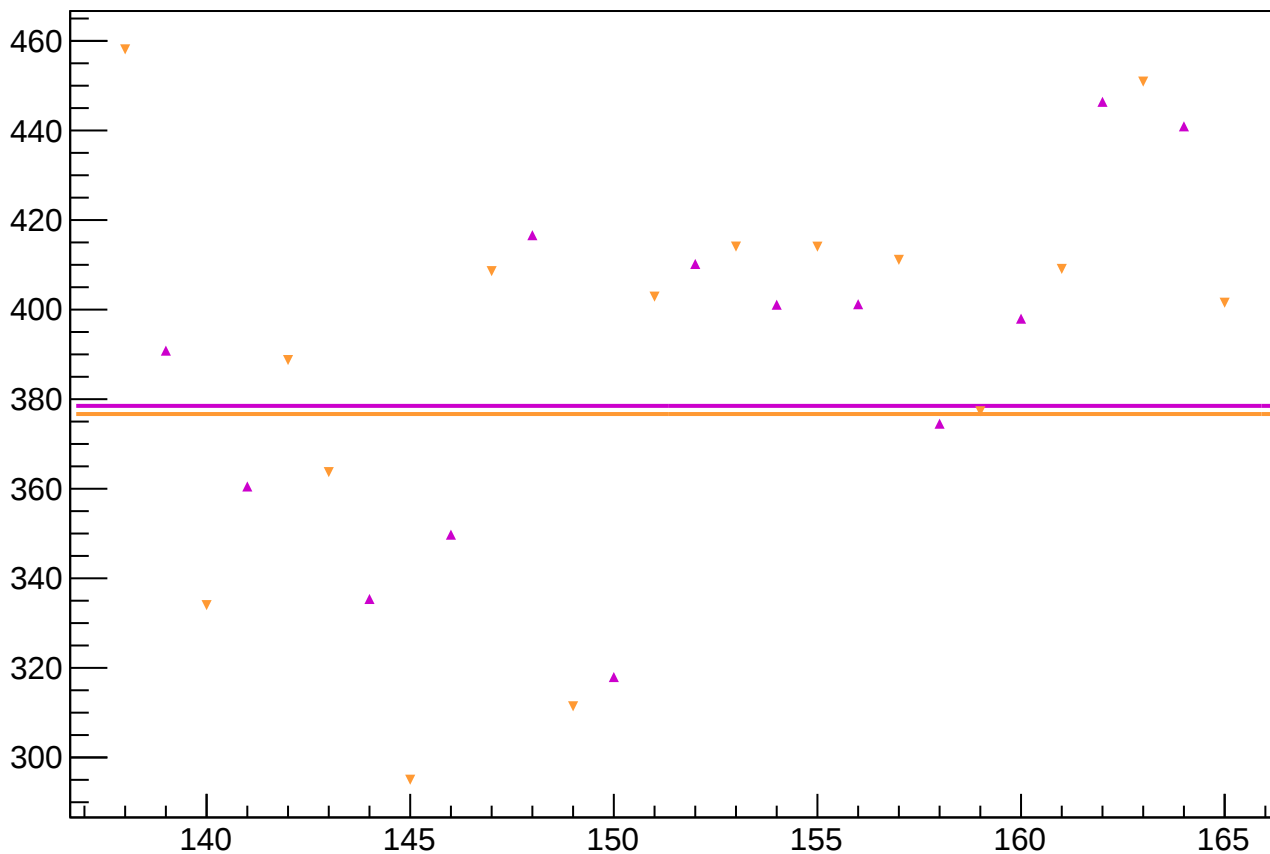
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -239.006+/-118.248 χ^2/NDF :15.0/12

Out: 492.065+/-113.454 χ^2/NDF :10.2/14

All: 141.650+/-81.866 χ^2/NDF : 45.0/27

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: 376.684+/-0.080 χ^2/NDF : 373350.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 378.505+/-0.084 χ^2/NDF : 203419.5/12

Left: 377.557+/-0.058 χ^2/NDF : 577016.8/27

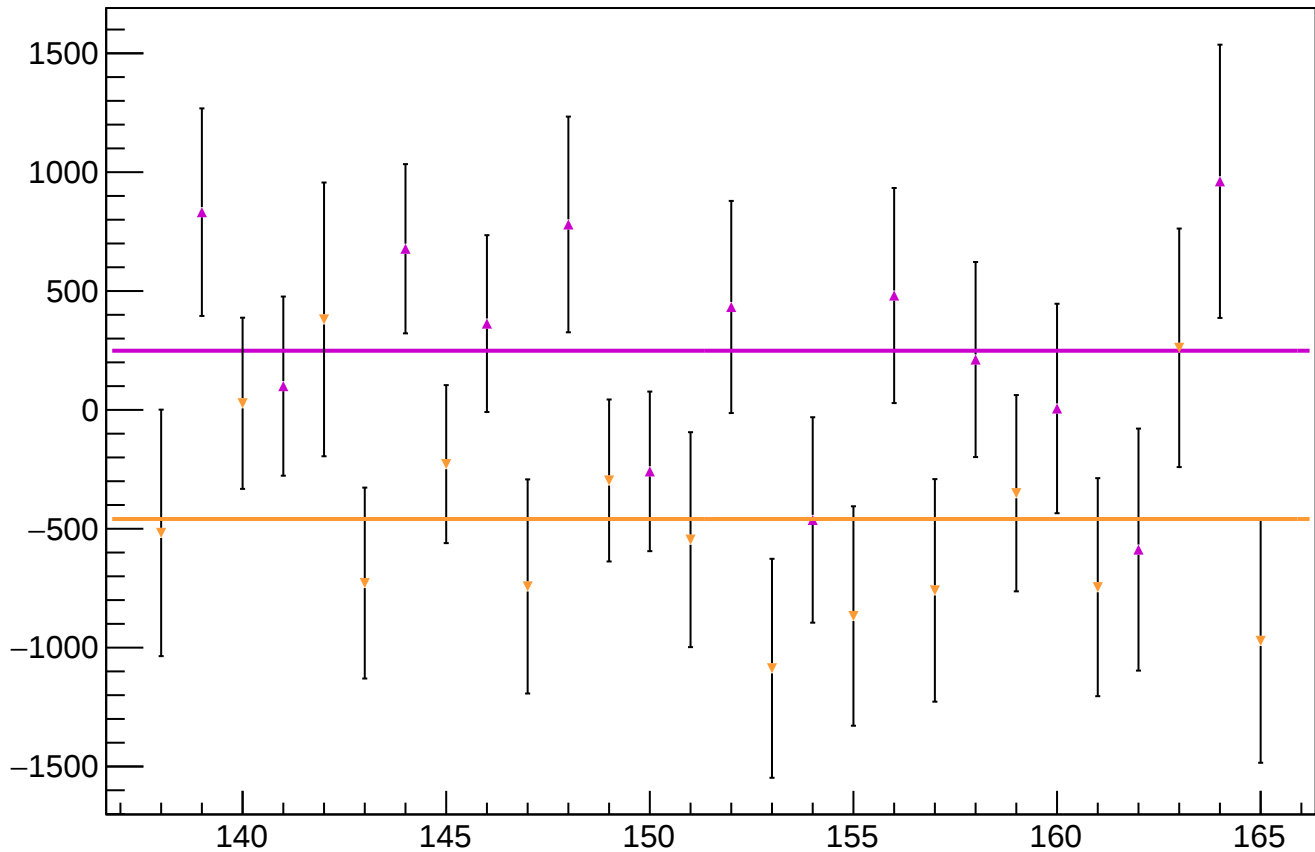
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 378.505+/-0.084 χ^2/NDF : 203419.5/12

Out: 376.684+/-0.080 χ^2/NDF : 373350.1/14

All: 377.557+/-0.058 χ^2/NDF : 577016.8/27

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -458.940+/-111.443 χ^2/NDF :12.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.921+/-115.942 χ^2/NDF :14.8/12

Left: -119.008+/-80.346 χ^2/NDF : 46.3/27

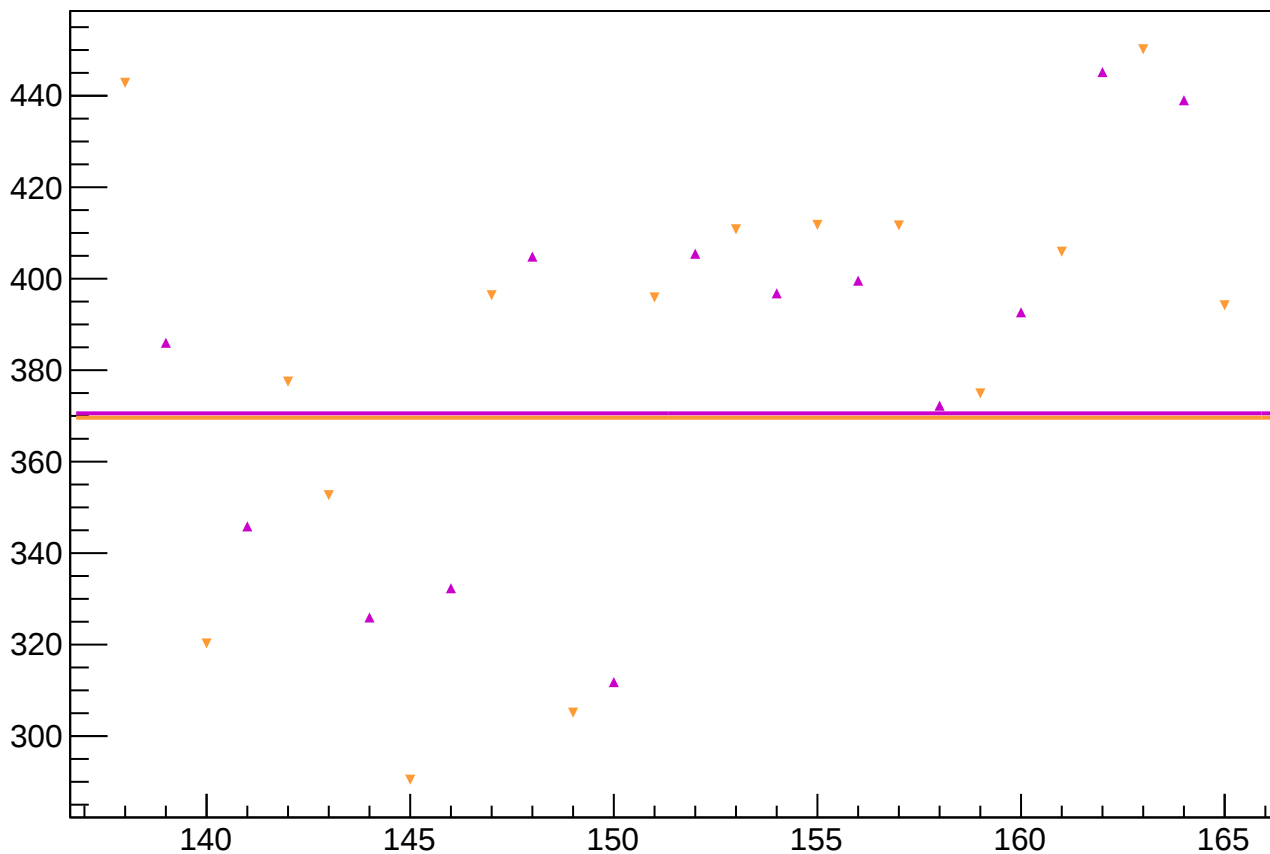
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.921+/-115.942 χ^2/NDF :14.8/12

Out: -458.940+/-111.443 χ^2/NDF :12.1/14

All: -119.008+/-80.346 χ^2/NDF : 46.3/27

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 369.606+/-0.079 χ^2/NDF :398177.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 370.560+/-0.082 χ^2/NDF :240625.3/12

Left: 370.064+/-0.057 χ^2/NDF : 638873.0/27

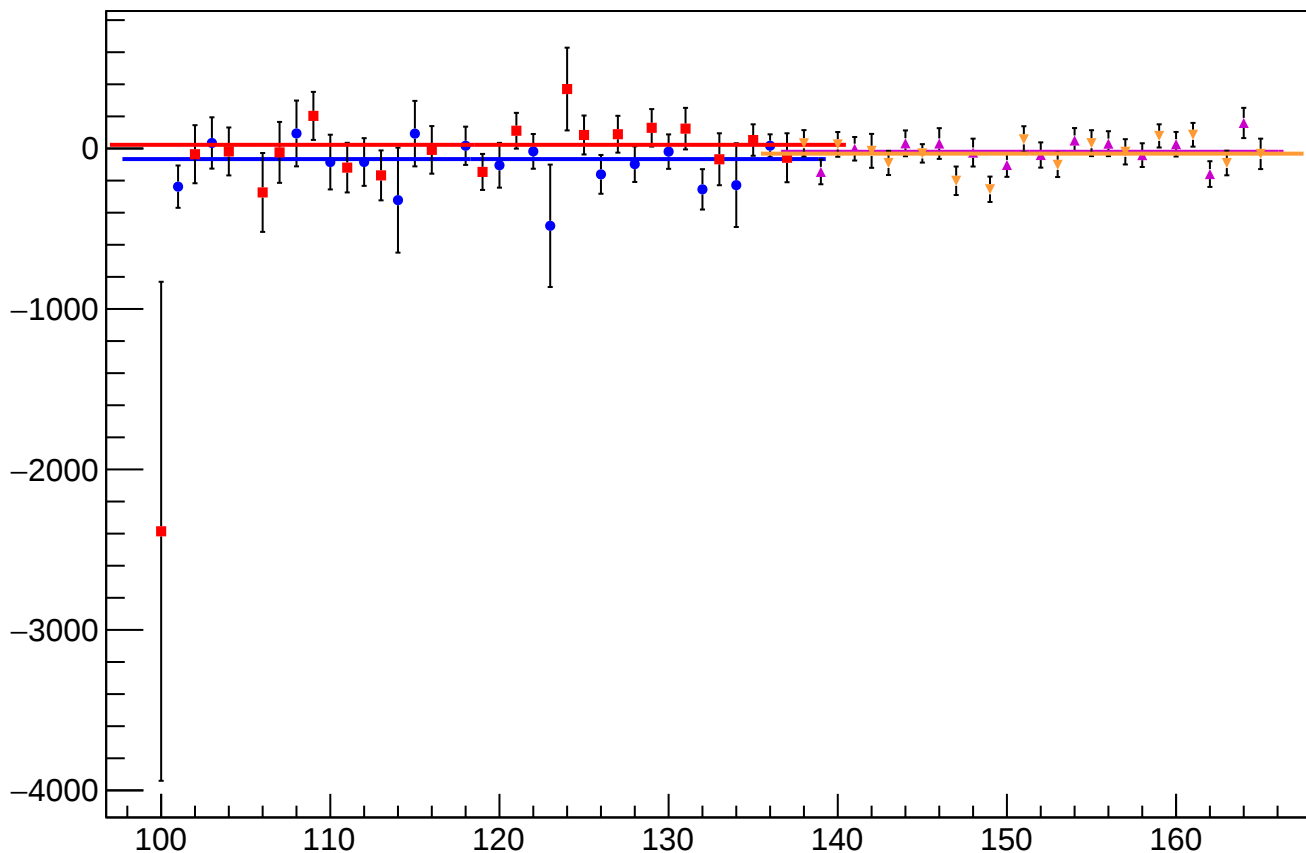
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 370.560+/-0.082 χ^2/NDF :240625.3/12

Out: 369.606+/-0.079 χ^2/NDF :398177.3/14

All: 370.064+/-0.057 χ^2/NDF : 638873.0/27

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -32.089 ± 20.139 $\chi^2/\text{NDF}: 21.5/14$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -20.491 ± 22.085 $\chi^2/\text{NDF}: 13.1/12$

Left: -26.823 ± 14.881 $\chi^2/\text{NDF}: 34.7/27$

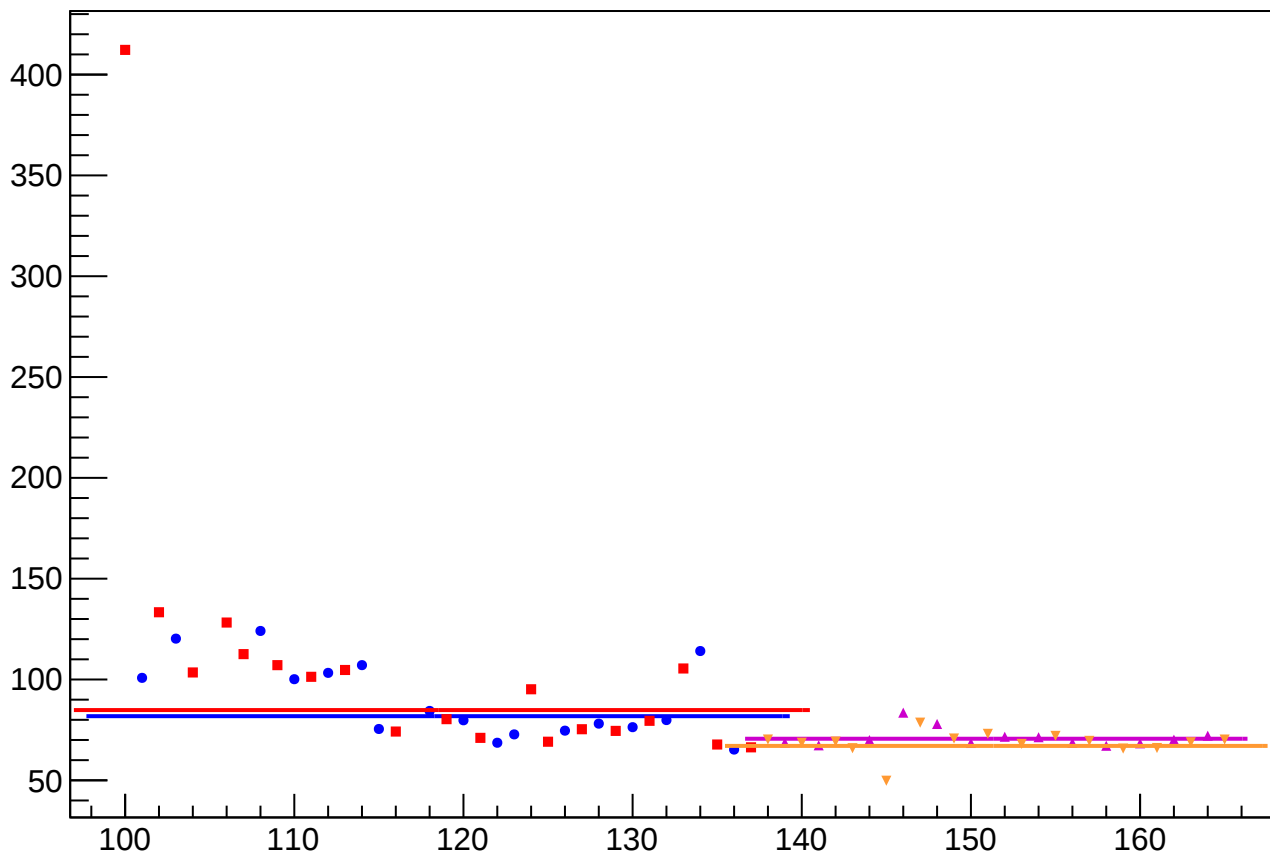
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -34.987 ± 18.229 $\chi^2/\text{NDF}: 25.2/29$

Out: -17.021 ± 17.160 $\chi^2/\text{NDF}: 38.9/33$

All: -25.462 ± 12.495 $\chi^2/\text{NDF}: 64.6/63$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 67.066 $\pm$ 0.014 χ^2/NDF : 248834.3/14

Right Out: 84.836 $\pm$ 0.023 χ^2/NDF : 704648.9/18

Left In: 70.617 $\pm$ 0.016 χ^2/NDF : 66406.1/12

Left: 68.678 $\pm$ 0.011 χ^2/NDF : 343468.6/27

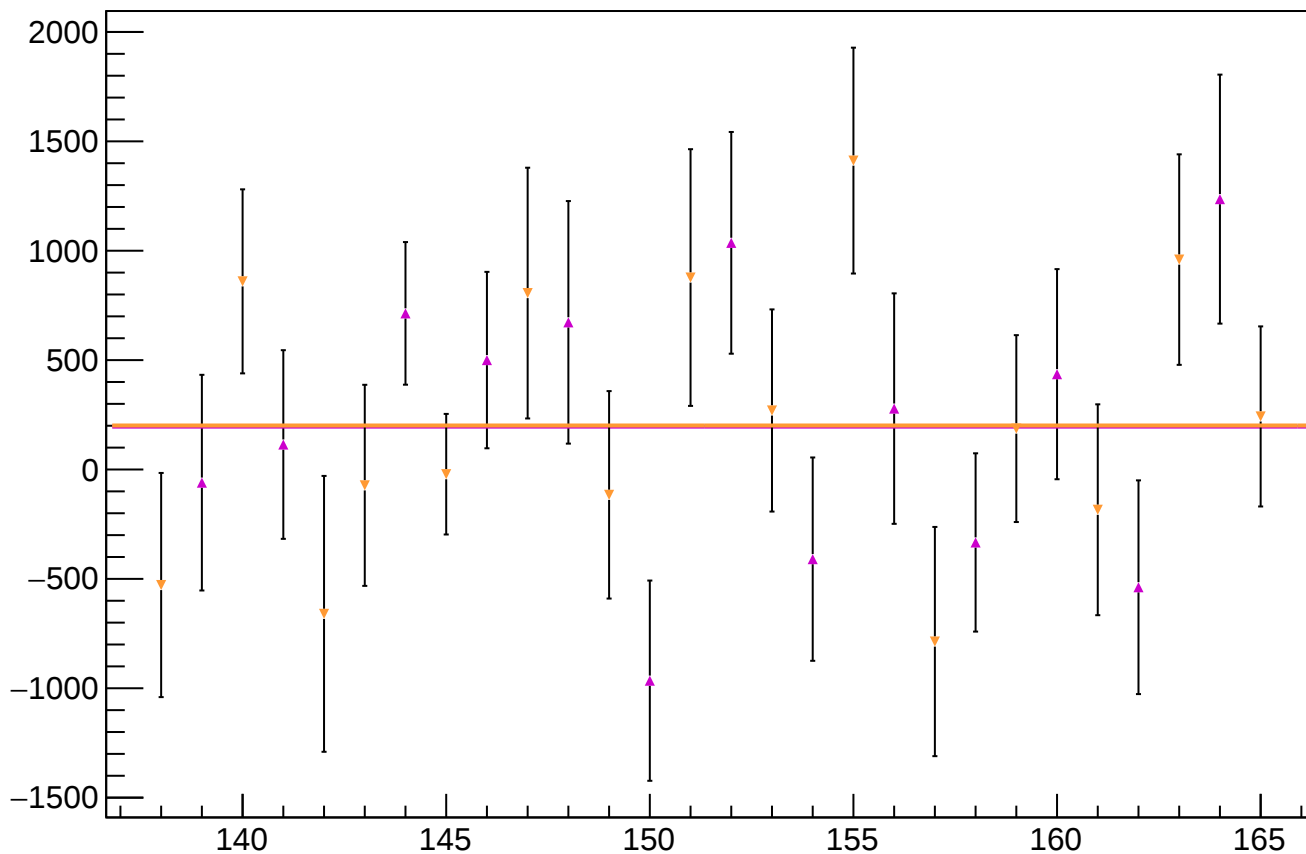
Right: 83.300 $\pm$ 0.016 χ^2/NDF : 1220504.3/35

In: 74.184 $\pm$ 0.013 χ^2/NDF : 737303.5/29

Out: 71.935 $\pm$ 0.012 χ^2/NDF : 1380151.5/33

All: 72.991 $\pm$ 0.009 χ^2/NDF : 2133595.7/63

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: 201.160+/-117.555 χ^2/NDF :22.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 196.022+/-126.142 χ^2/NDF :22.6/12

Left: 198.772+/-85.999 χ^2/NDF : 45.0/27

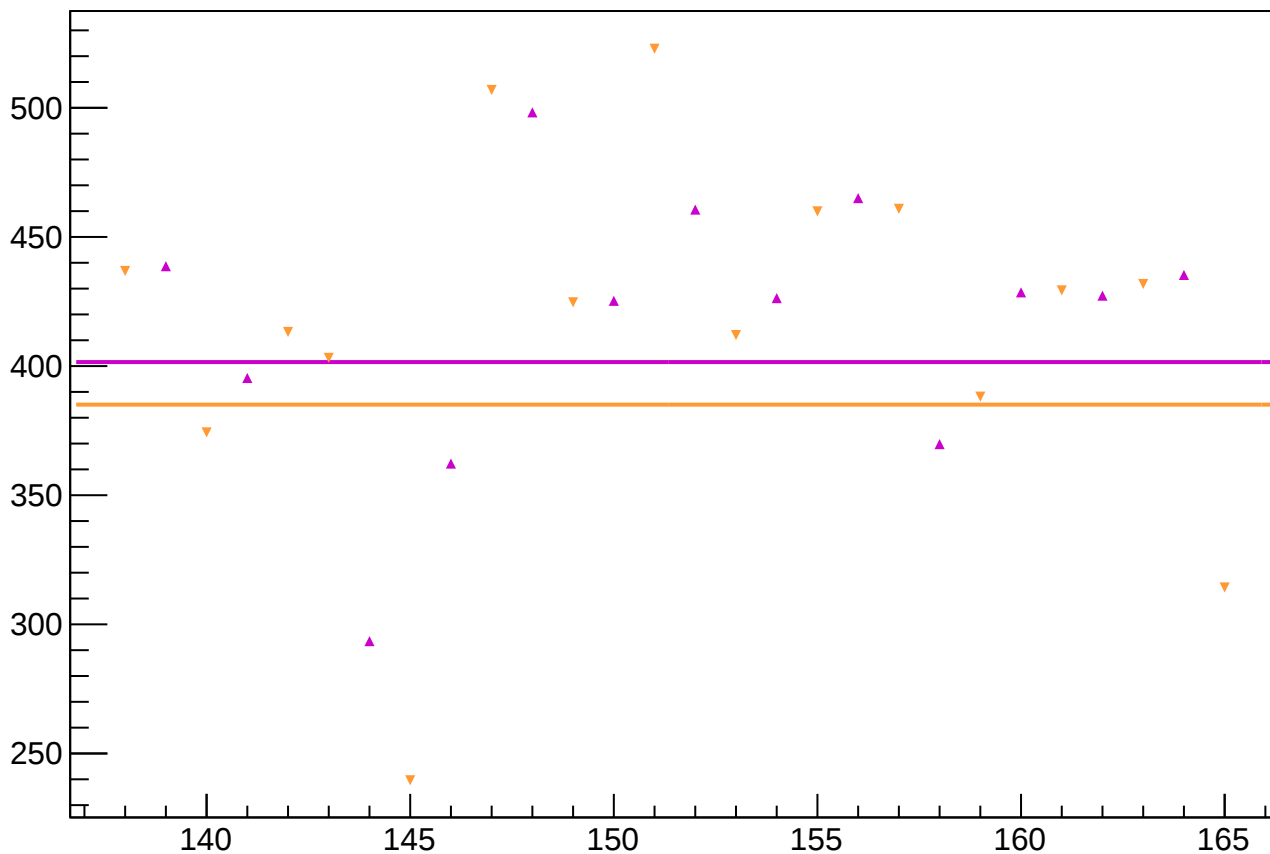
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.022+/-126.142 χ^2/NDF :22.6/12

Out: 201.160+/-117.555 χ^2/NDF :22.5/14

All: 198.772+/-85.999 χ^2/NDF : 45.0/27

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: 385.074+/-0.083 χ^2/NDF :986331.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 401.555+/-0.089 χ^2/NDF :409656.2/12

Left: 392.734+/-0.061 χ^2/NDF : 1414260.0/27

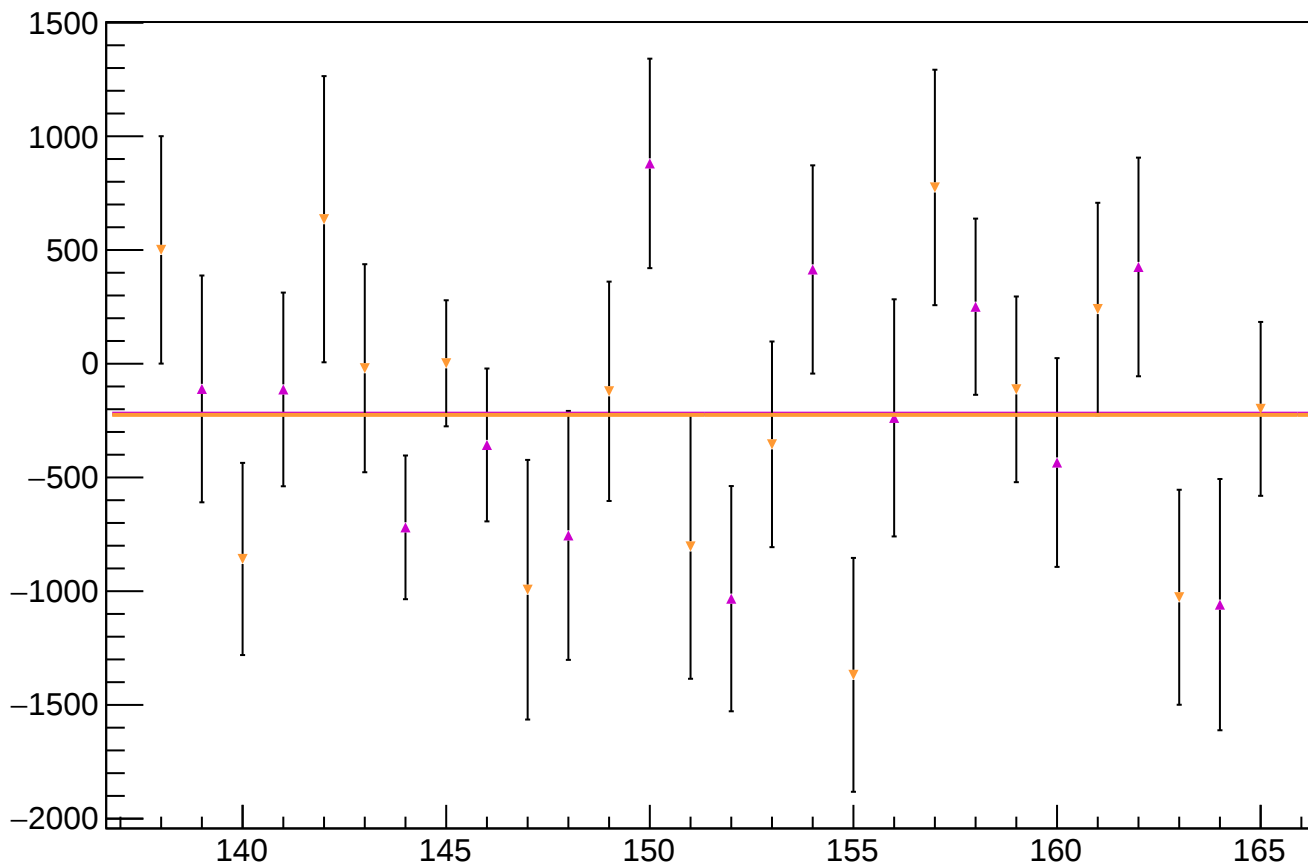
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 401.555+/-0.089 χ^2/NDF :409656.2/12

Out: 385.074+/-0.083 χ^2/NDF :986331.7/14

All: 392.734+/-0.061 χ^2/NDF : 1414260.0/27

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -224.729+/-115.796 χ^2/NDF :22.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -219.619+/-121.244 χ^2/NDF :19.9/12

Left: -222.291+/-83.740 χ^2/NDF : 42.5/27

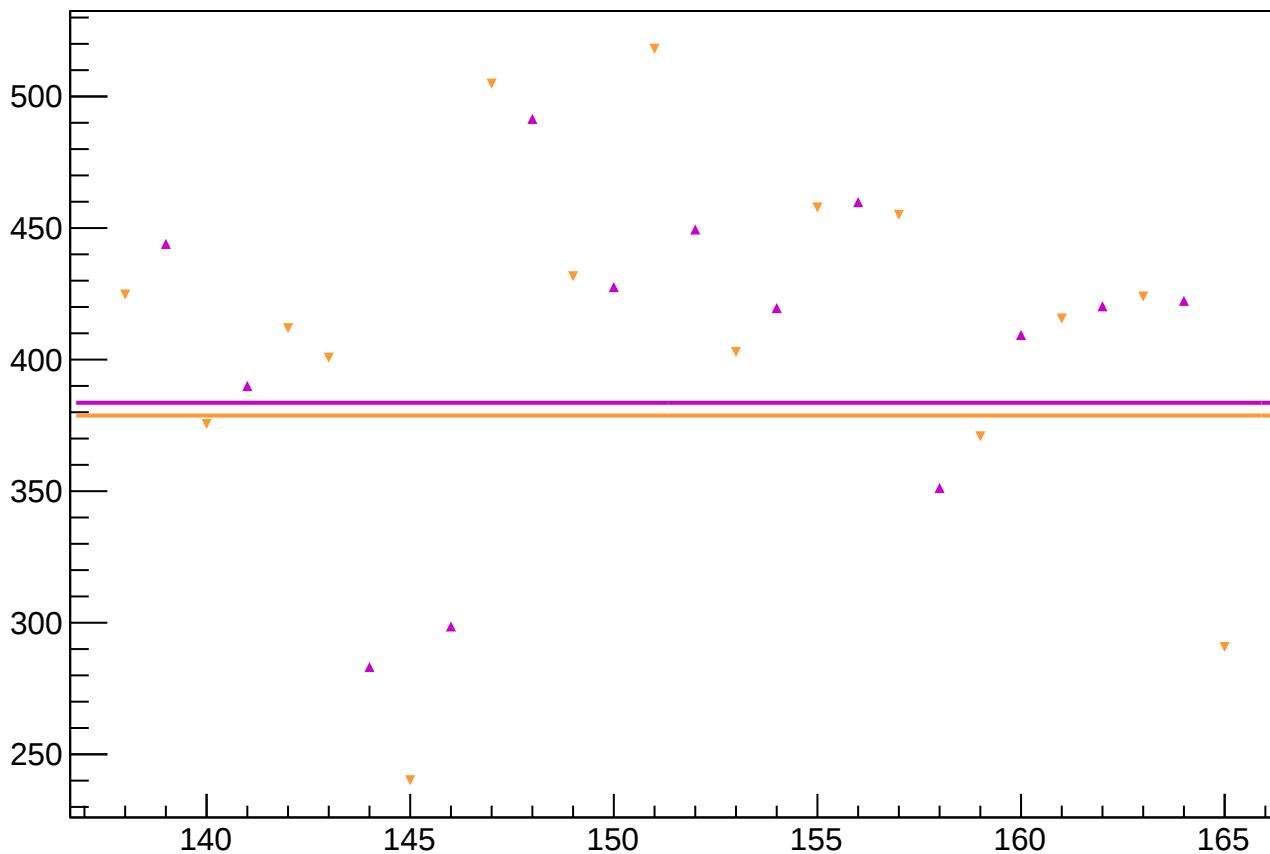
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -219.619+/-121.244 χ^2/NDF :19.9/12

Out: -224.729+/-115.796 χ^2/NDF :22.7/14

All: -222.291+/-83.740 χ^2/NDF : 42.5/27

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 378.755+/-0.082 χ^2/NDF : 998095.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 383.602+/-0.086 χ^2/NDF : 588310.2/12

Left: 381.067+/-0.059 χ^2/NDF : 1588076.6/27

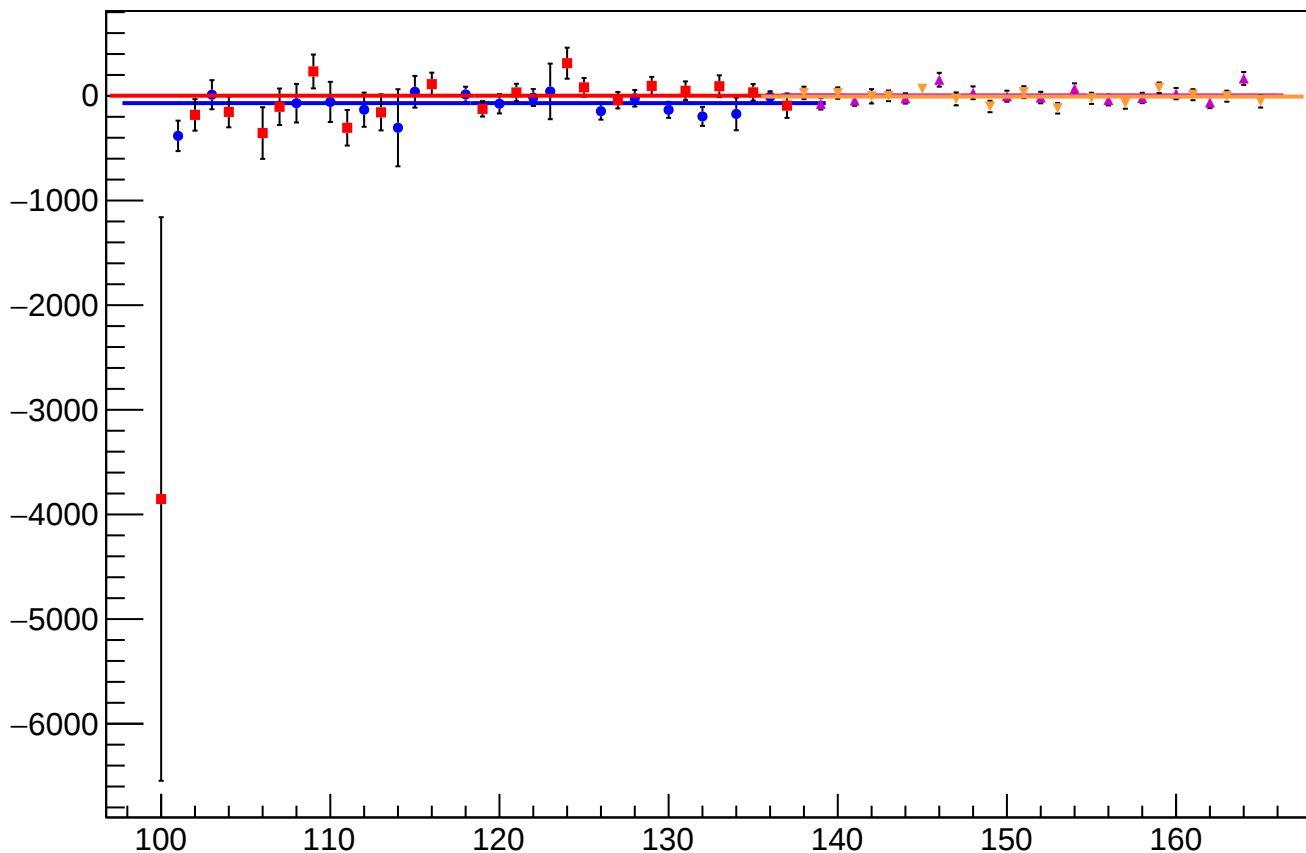
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 383.602+/-0.086 χ^2/NDF : 588310.2/12

Out: 378.755+/-0.082 χ^2/NDF : 998095.1/14

All: 381.067+/-0.059 χ^2/NDF : 1588076.6/27

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: -6.540 ± 13.883 χ^2/NDF : 17.5/14

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 4.398 ± 14.985 χ^2/NDF : 20.2/12

Left: -1.488 ± 10.184 χ^2/NDF : 38.0/27

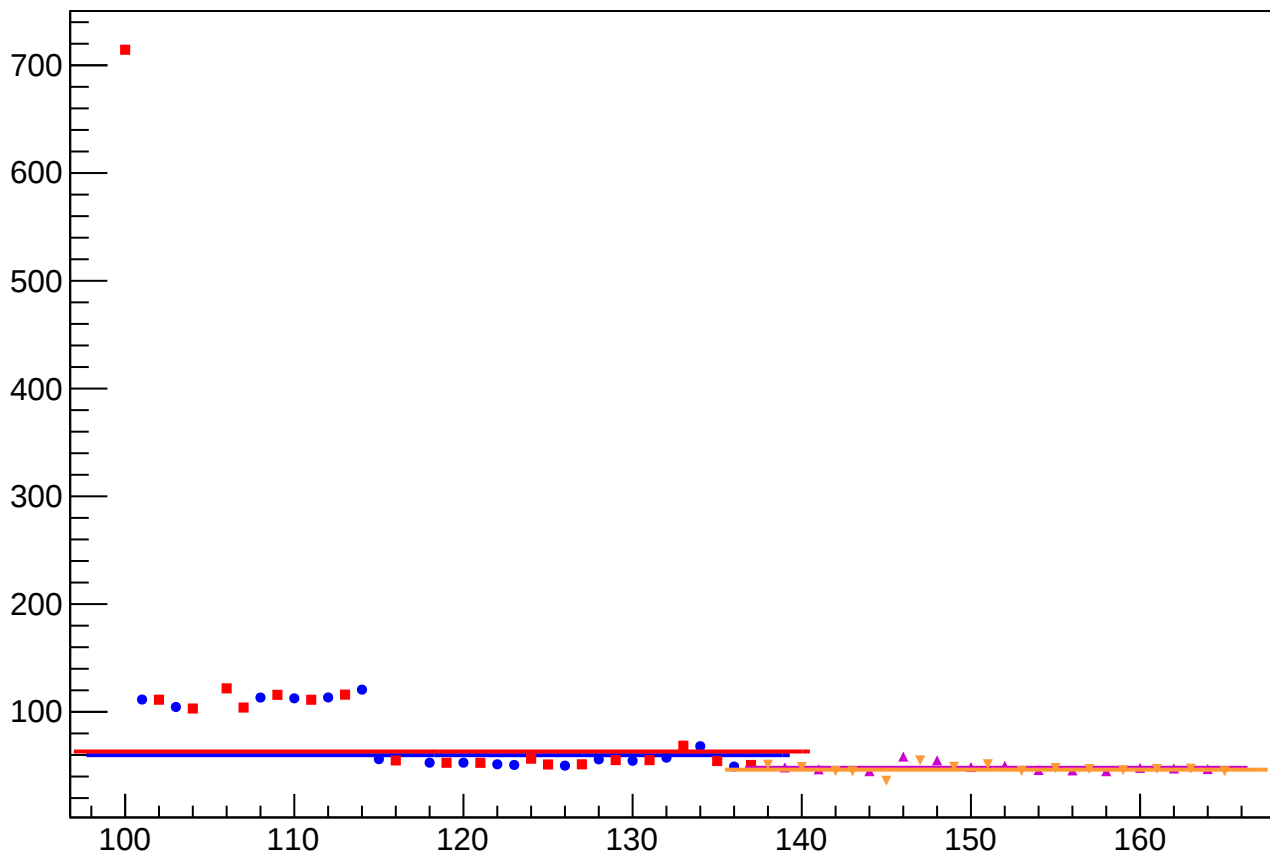
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -15.923 ± 12.749 χ^2/NDF : 40.3/29

Out: -4.610 ± 12.158 χ^2/NDF : 43.4/33

All: -9.998 ± 8.799 χ^2/NDF : 84.2/63

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: 46.364+/-0.010 χ^2/NDF : 205622.3/14

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 48.089+/-0.011 χ^2/NDF : 103949.1/12

Left: 47.161+/-0.007 χ^2/NDF : 323830.0/27

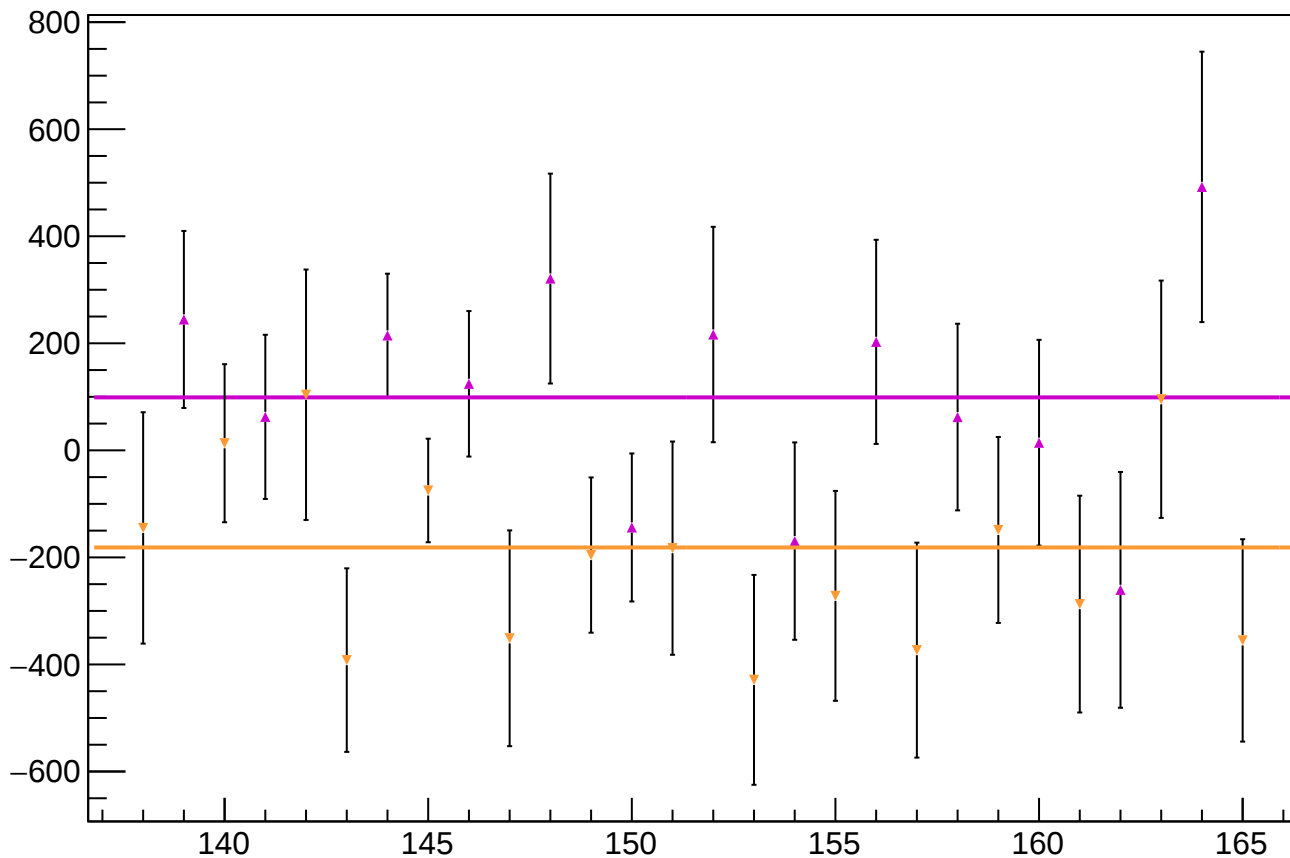
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 51.326+/-0.009 χ^2/NDF : 1671774.5/29

Out: 50.293+/-0.009 χ^2/NDF : 2397149.5/33

All: 50.785+/-0.006 χ^2/NDF : 4075796.4/63

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: -181.440+/-44.435 χ^2/NDF :12.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 98.944+/-46.398 χ^2/NDF :14.3/12

Left: -47.306+/-32.092 χ^2/NDF : 45.5/27

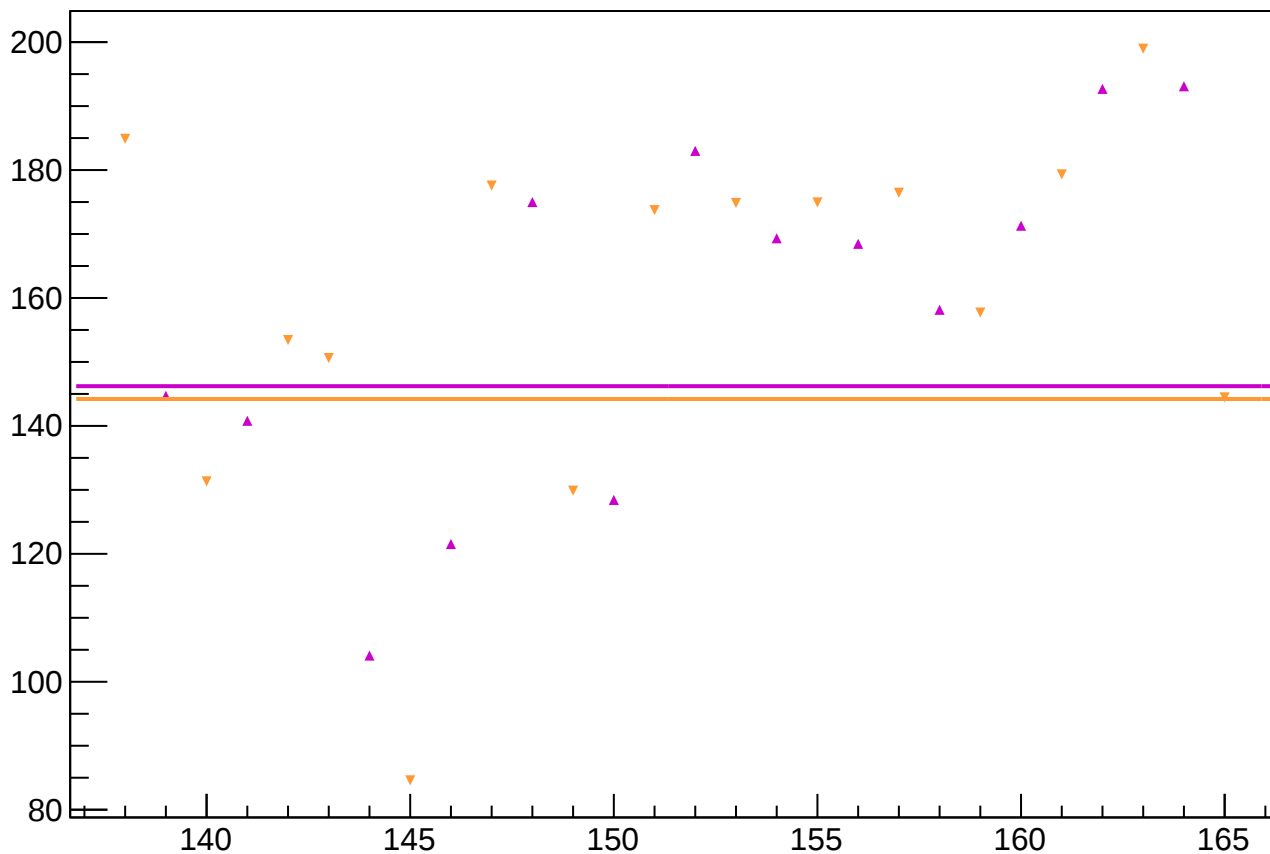
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 98.944+/-46.398 χ^2/NDF :14.3/12

Out: -181.440+/-44.435 χ^2/NDF :12.1/14

All: -47.306+/-32.092 χ^2/NDF : 45.5/27

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.208+/-0.031 χ^2/NDF :1313835.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 146.213+/-0.033 χ^2/NDF :738060.2/12

Left: 145.168+/-0.023 χ^2/NDF : 2053843.3/27

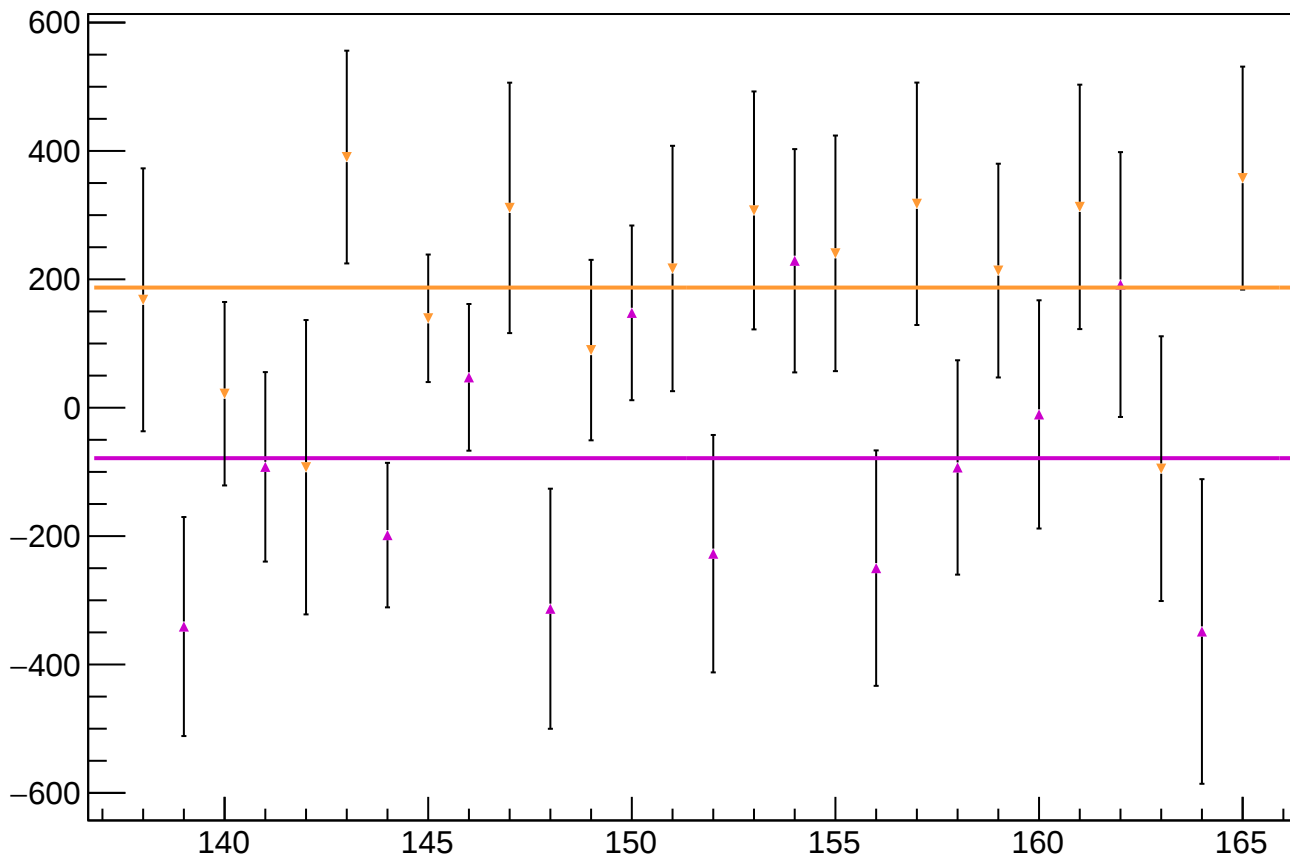
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.213+/-0.033 χ^2/NDF :738060.2/12

Out: 144.208+/-0.031 χ^2/NDF :1313835.1/14

All: 145.168+/-0.023 χ^2/NDF : 2053843.3/27

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 187.170 $\pm$ 42.989 χ^2 /NDF:9.8/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -78.606 $\pm$ 43.885 χ^2 /NDF:16.9/12

Left: 57.022 $\pm$ 30.710 χ^2 /NDF: 45.4/27

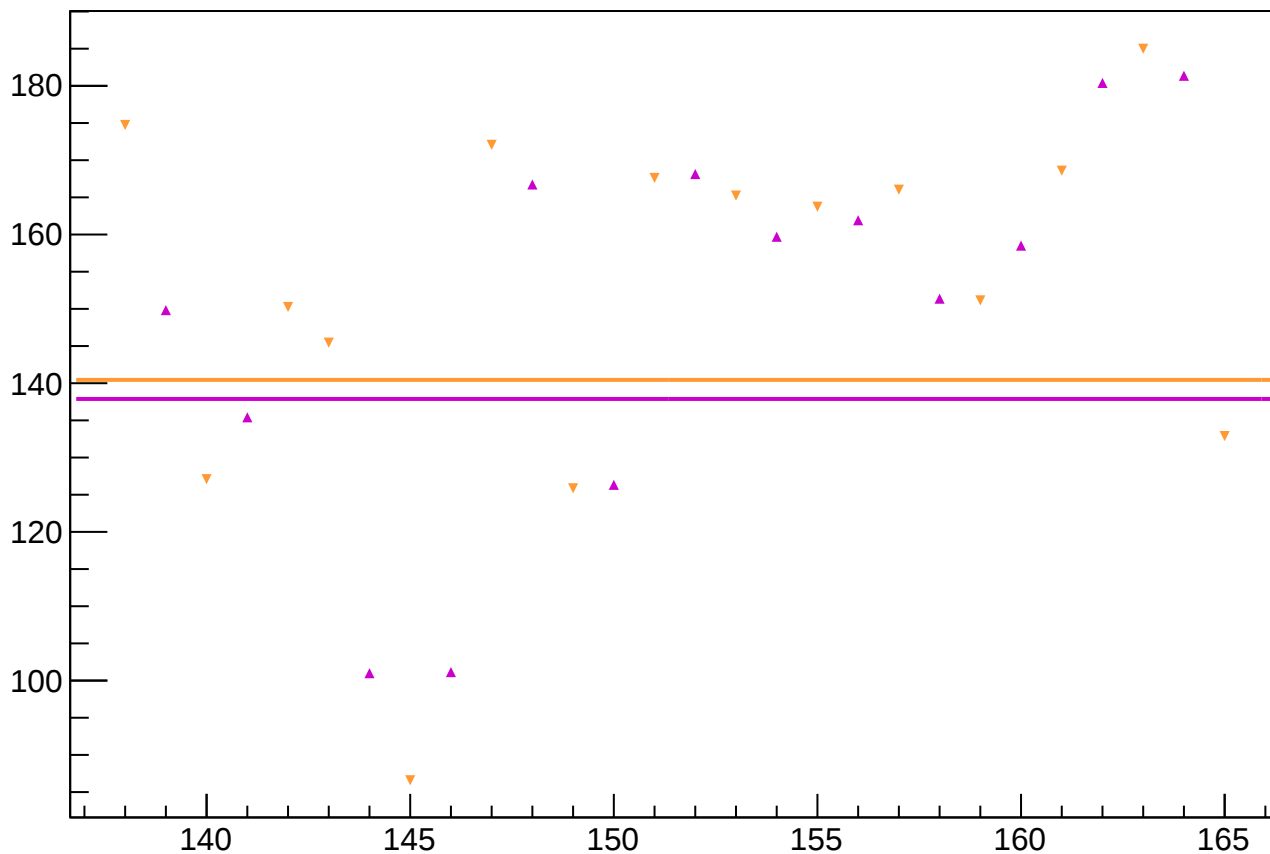
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -78.606 $\pm$ 43.885 χ^2 /NDF:16.9/12

Out: 187.170 $\pm$ 42.989 χ^2 /NDF:9.8/14

All: 57.022 $\pm$ 30.710 χ^2 /NDF: 45.4/27

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 140.448+/-0.030 χ^2/NDF :1035410.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.883+/-0.031 χ^2/NDF :805509.4/12

Left: 139.192+/-0.022 χ^2/NDF : 1844408.2/27

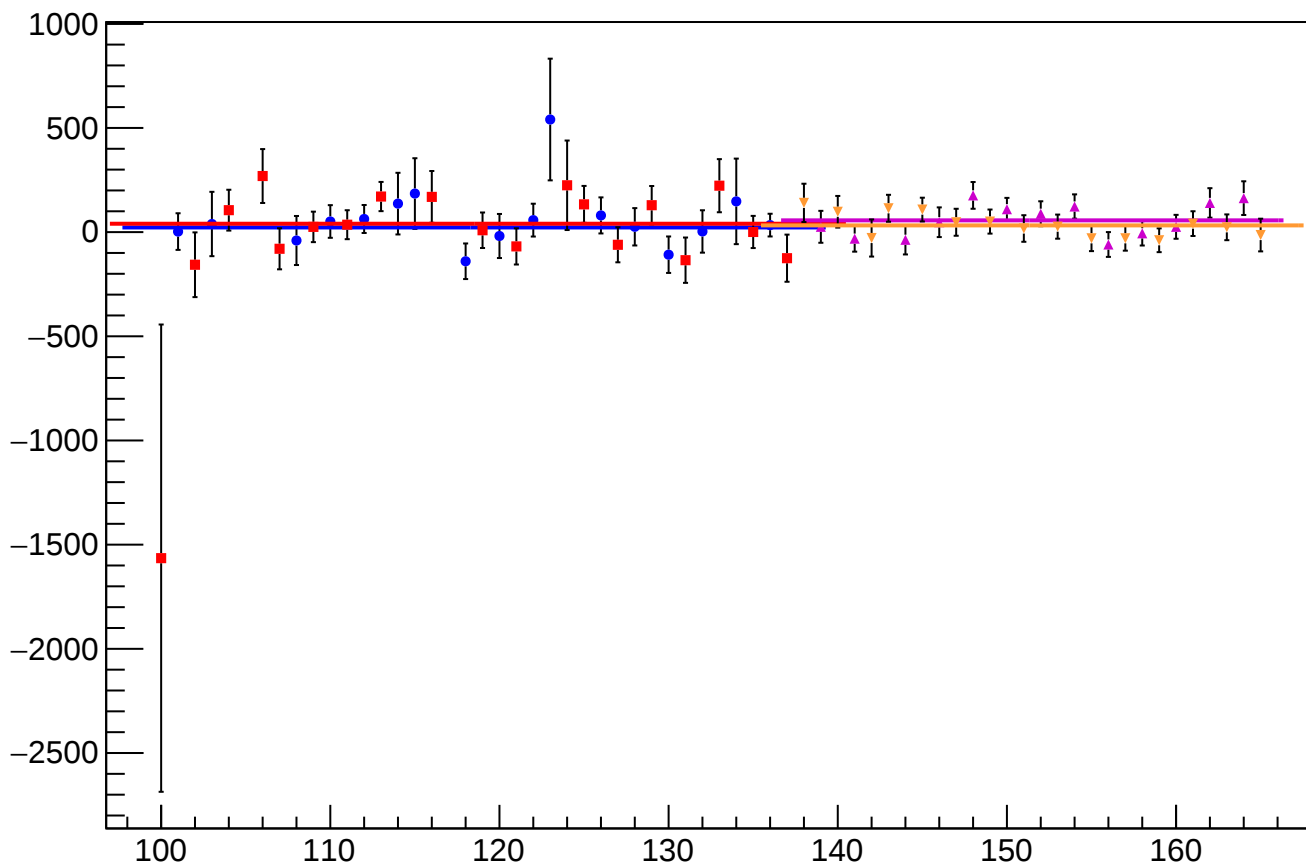
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.883+/-0.031 χ^2/NDF :805509.4/12

Out: 140.448+/-0.030 χ^2/NDF :1035410.8/14

All: 139.192+/-0.022 χ^2/NDF : 1844408.2/27

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 32.258+/-16.647 χ^2/NDF : 10.2/14

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: 56.480+/-17.646 χ^2/NDF : 18.3/12

Left: 43.664+/-12.109 χ^2/NDF : 29.5/27

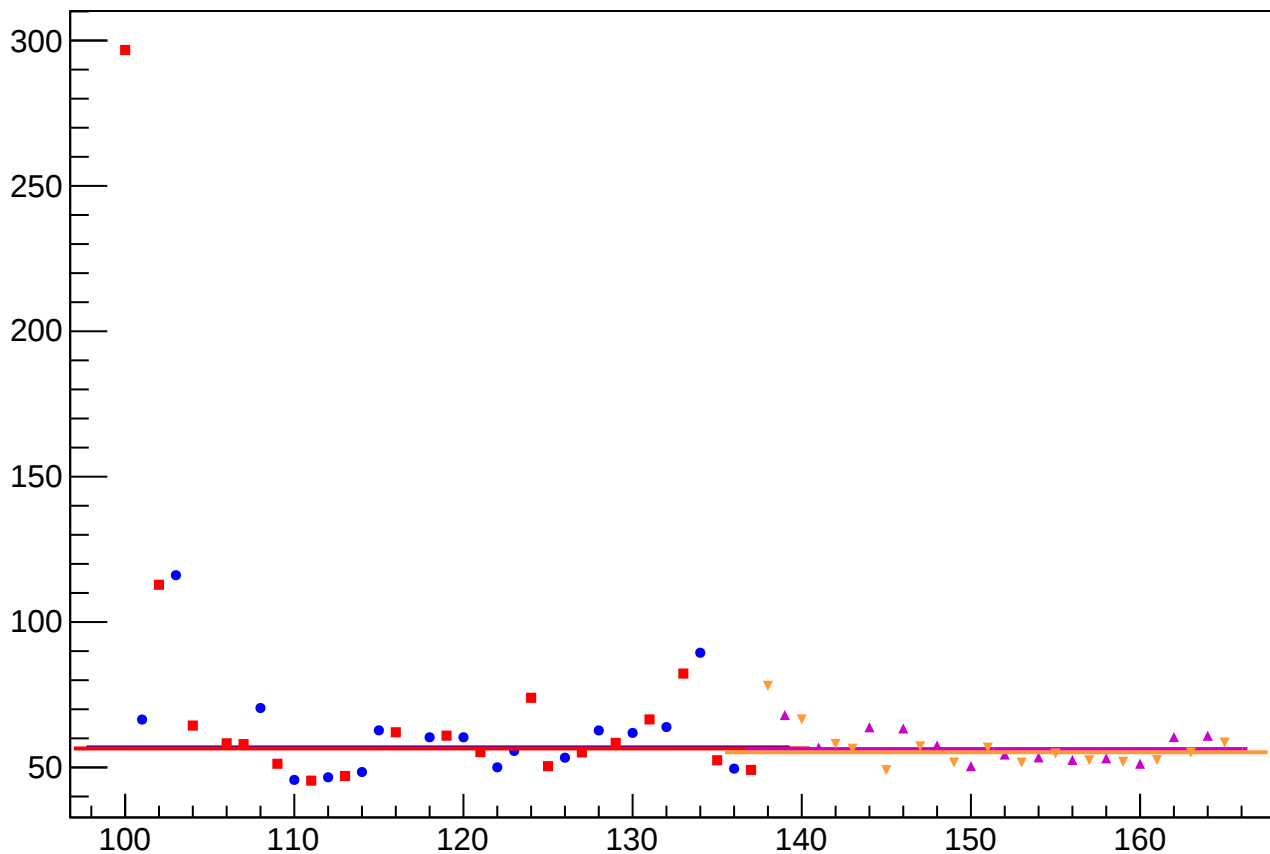
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 43.575+/-13.914 χ^2/NDF : 32.3/29

Out: 35.143+/-13.304 χ^2/NDF : 36.6/33

All: 39.170+/-9.616 χ^2/NDF : 69.1/63

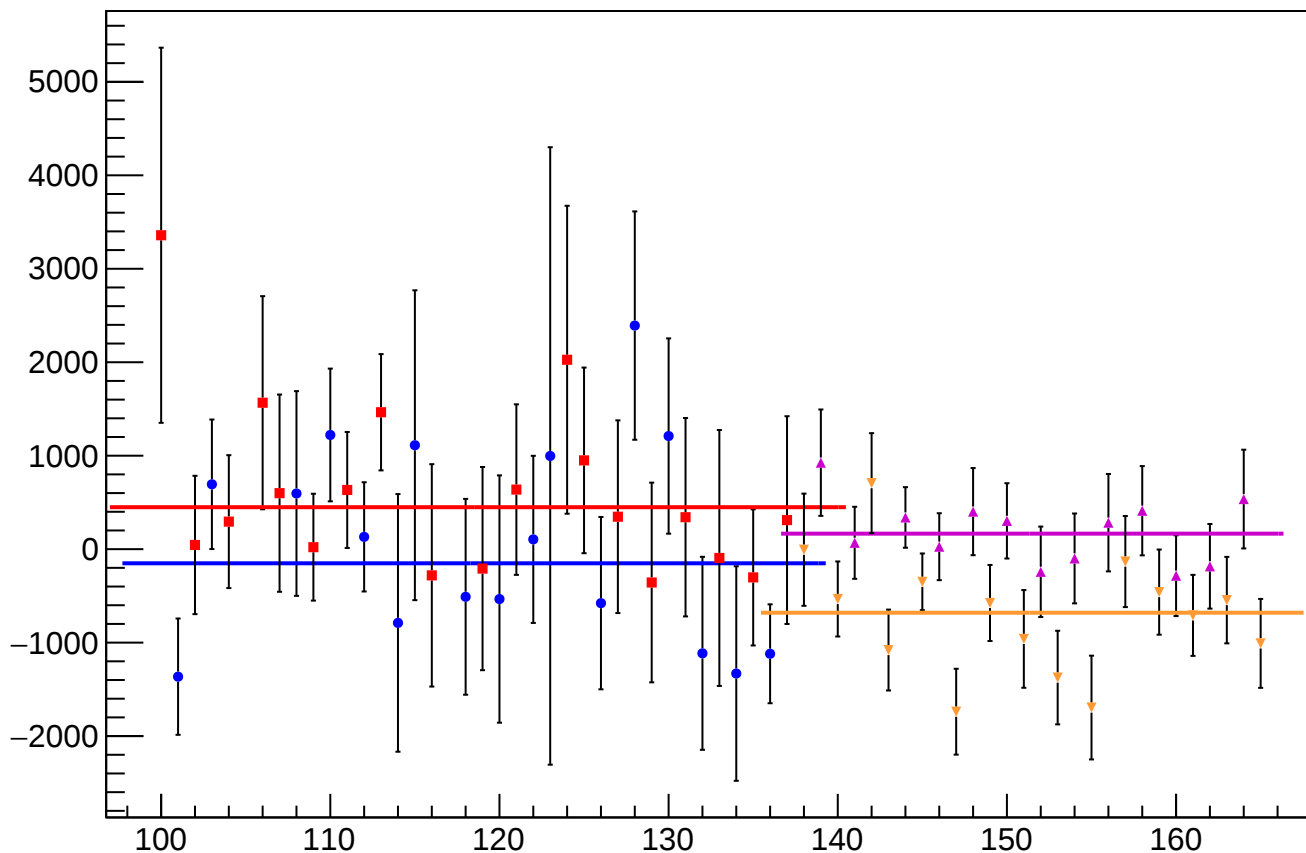
dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 ± 0.016 $\chi^2/\text{NDF}: 575487.1/16$
 Left Out: 55.226 ± 0.012 $\chi^2/\text{NDF}: 230743.8/14$
 Right Out: 56.528 ± 0.016 $\chi^2/\text{NDF}: 612273.7/18$
 Left In: 56.317 ± 0.012 $\chi^2/\text{NDF}: 162548.2/12$

Left: 55.740 ± 0.009 $\chi^2/\text{NDF}: 397333.4/27$
 Right: 56.699 ± 0.011 $\chi^2/\text{NDF}: 1188006.9/35$
 In: 56.529 ± 0.010 $\chi^2/\text{NDF}: 738802.4/29$
 Out: 55.697 ± 0.009 $\chi^2/\text{NDF}: 847433.4/33$
 All: 56.094 ± 0.007 $\chi^2/\text{NDF}: 1589979.0/63$

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -679.938+/-116.393 χ^2/NDF : 23.2/14

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 166.000+/-120.928 χ^2/NDF : 6.2/12

Left: -273.130+/-83.860 χ^2/NDF : 54.7/27

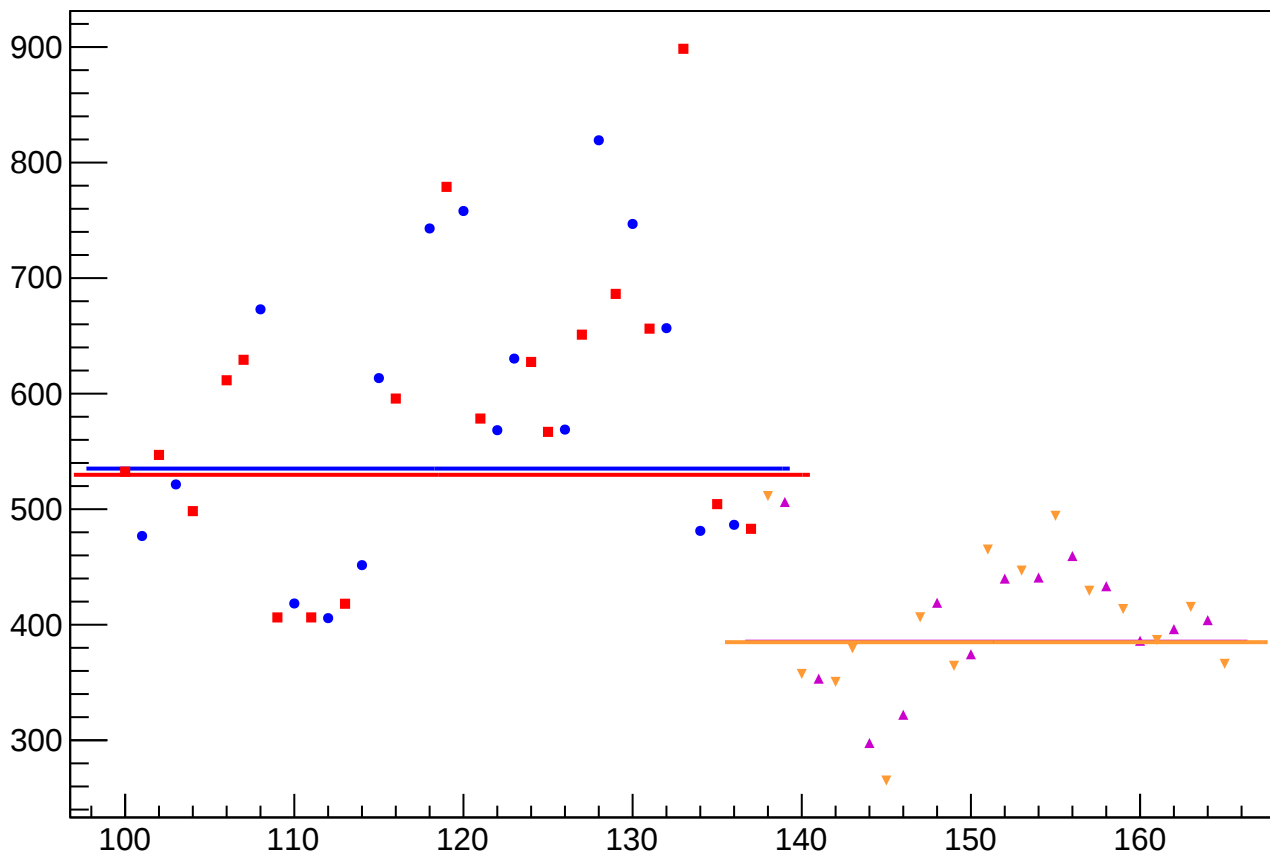
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 88.378+/-105.095 χ^2/NDF : 30.3/29

Out: -402.702+/-101.095 χ^2/NDF : 56.8/33

All: -166.686+/-72.858 χ^2/NDF : 98.4/63

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: 384.896 $\pm$ 0.082 χ^2 /NDF: 619670.6/14

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 385.306 $\pm$ 0.086 χ^2 /NDF: 441165.0/12

Left: 385.093 $\pm$ 0.059 χ^2 /NDF: 1060847.5/27

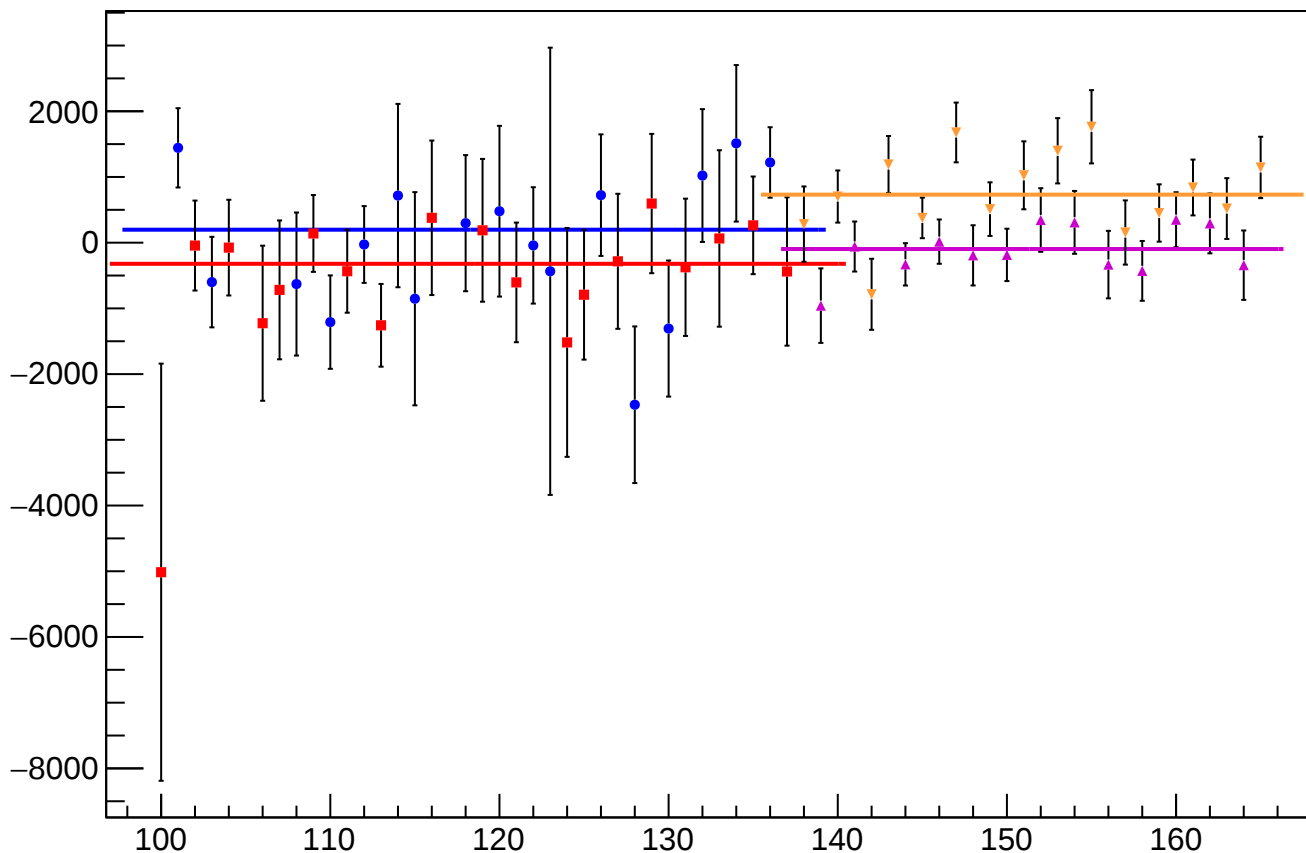
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 421.972 $\pm$ 0.074 χ^2 /NDF: 1788599.6/29

Out: 420.470 $\pm$ 0.071 χ^2 /NDF: 2027129.7/33

All: 421.192 $\pm$ 0.052 χ^2 /NDF: 3815941.5/63

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 730.968 $\pm$ 115.650 χ^2 /NDF:24.0/14

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -96.465 $\pm$ 118.773 χ^2 /NDF:7.4/12

Left: 328.274 $\pm$ 82.859 χ^2 /NDF: 56.3/27

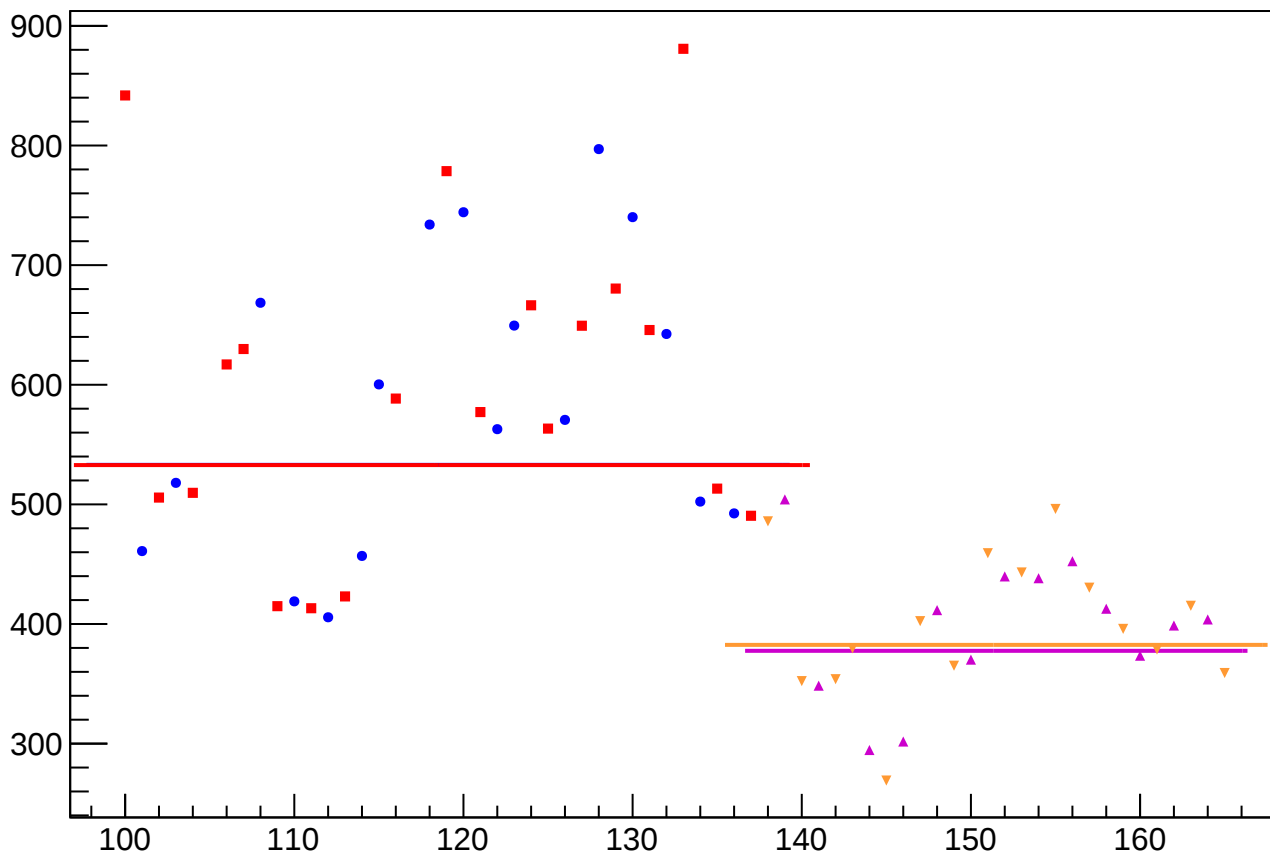
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -25.960 $\pm$ 103.558 χ^2 /NDF:32.8/29

Out: 477.366 $\pm$ 100.759 χ^2 /NDF:52.8/33

All: 232.599 $\pm$ 72.217 χ^2 /NDF: 97.8/63

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 382.551+/-0.082 χ^2/NDF : 552967.8/14

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 377.580+/-0.084 χ^2/NDF : 486063.2/12

Left: 380.131+/-0.059 χ^2/NDF : 1040829.3/27

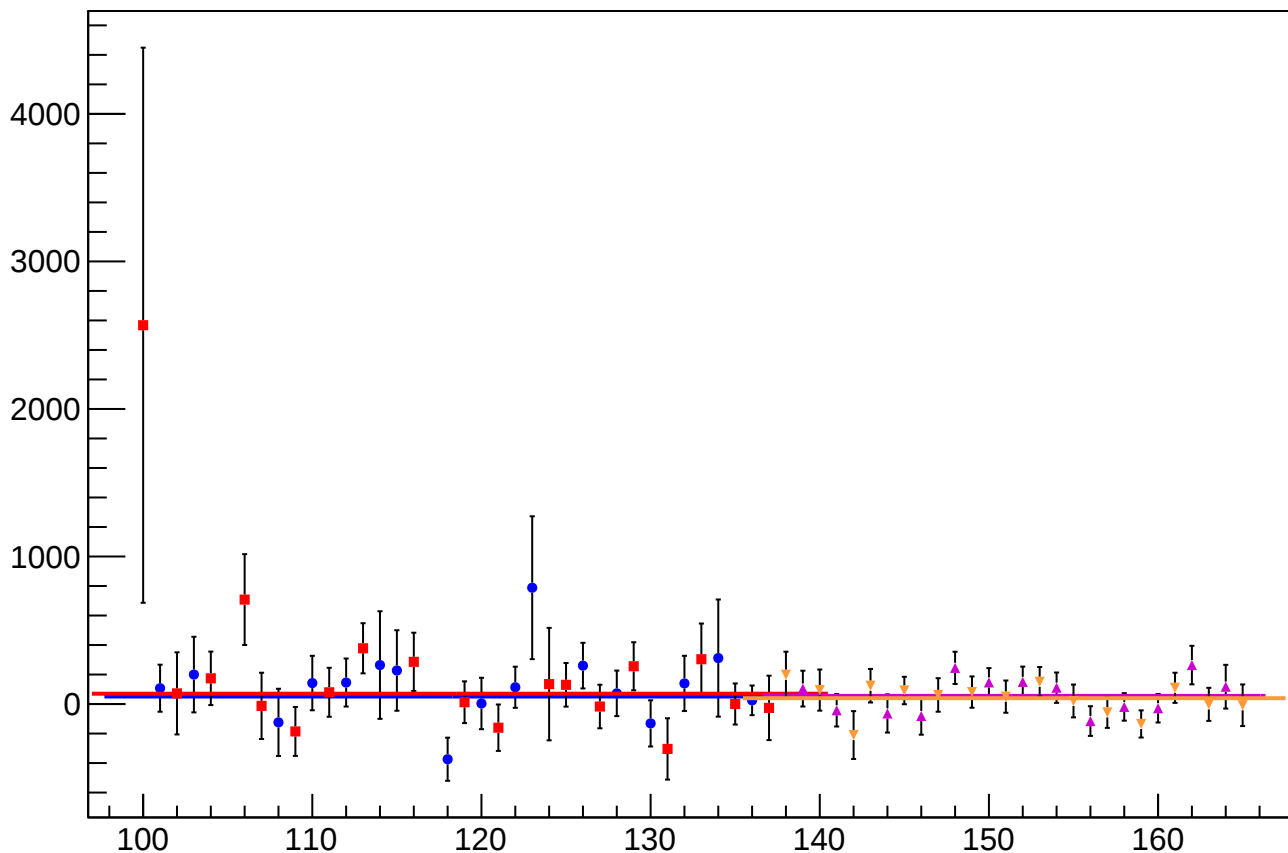
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 414.855+/-0.073 χ^2/NDF : 1874430.7/29

Out: 418.766+/-0.071 χ^2/NDF : 1983893.6/33

All: 416.864+/-0.051 χ^2/NDF : 3859789.3/63

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 39.514+/-29.004 χ^2/NDF : 11.1/14

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 55.204+/-30.486 χ^2/NDF : 15.0/12

Left: 46.968+/-21.013 χ^2/NDF : 26.2/27

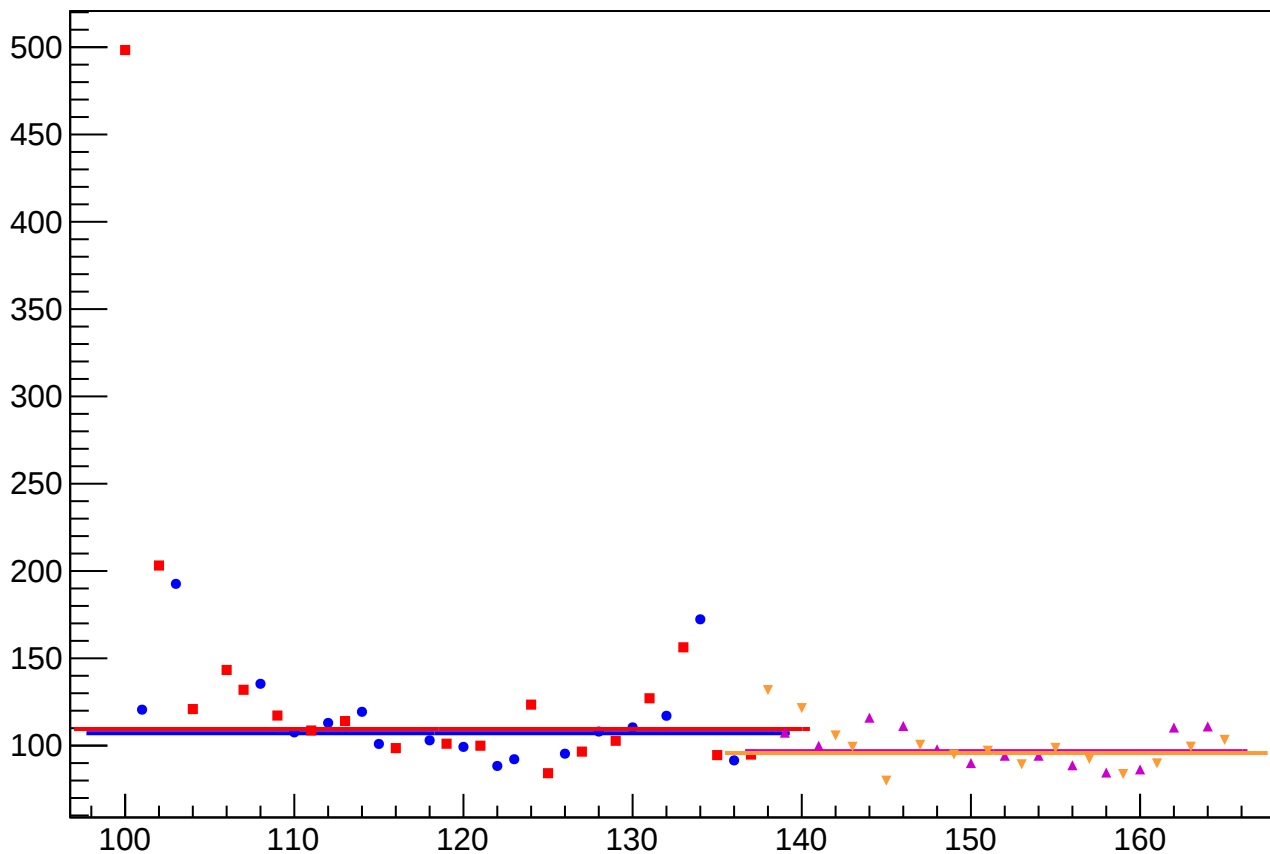
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 53.829+/-24.755 χ^2/NDF : 32.4/29

Out: 49.133+/-24.009 χ^2/NDF : 33.6/33

All: 51.409+/-17.235 χ^2/NDF : 66.0/63

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.754 $\pm$ 0.021 χ^2 /NDF:306203.3/14

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 96.853 $\pm$ 0.022 χ^2 /NDF:209849.8/12

Left: 96.277 $\pm$ 0.015 χ^2 /NDF: 517417.7/27

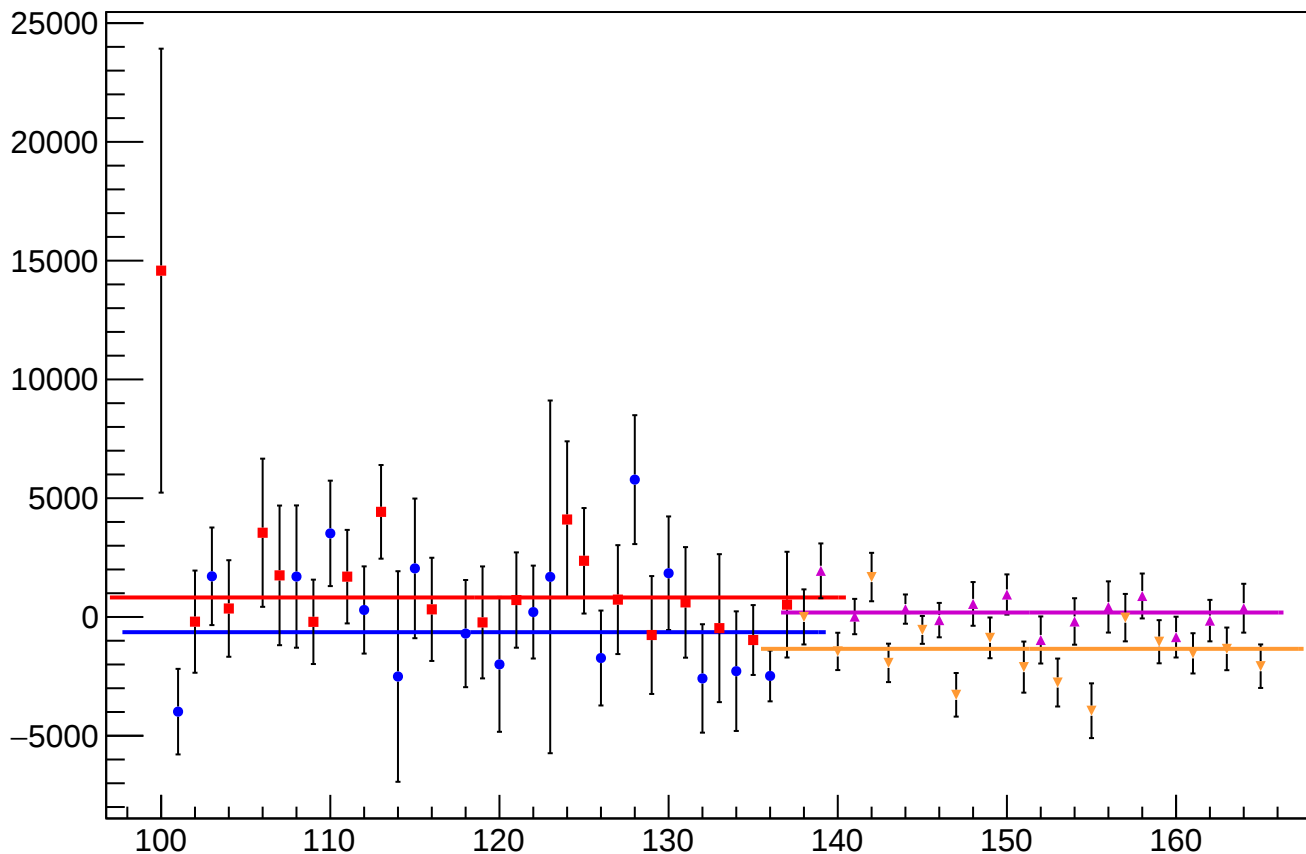
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.342 $\pm$ 0.018 χ^2 /NDF:724470.1/29

Out: 100.091 $\pm$ 0.017 χ^2 /NDF:1039757.4/33

All: 100.212 $\pm$ 0.012 χ^2 /NDF: 1764333.1/63

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 χ^2/NDF : 21.8/16

Left Out: -1341.090 ± 229.755 χ^2/NDF : 27.4/14

Right Out: 821.471 ± 515.663 χ^2/NDF : 11.0/18

Left In: 187.698 ± 240.123 χ^2/NDF : 7.3/12

Left: -610.410 ± 166.006 χ^2/NDF : 55.9/27

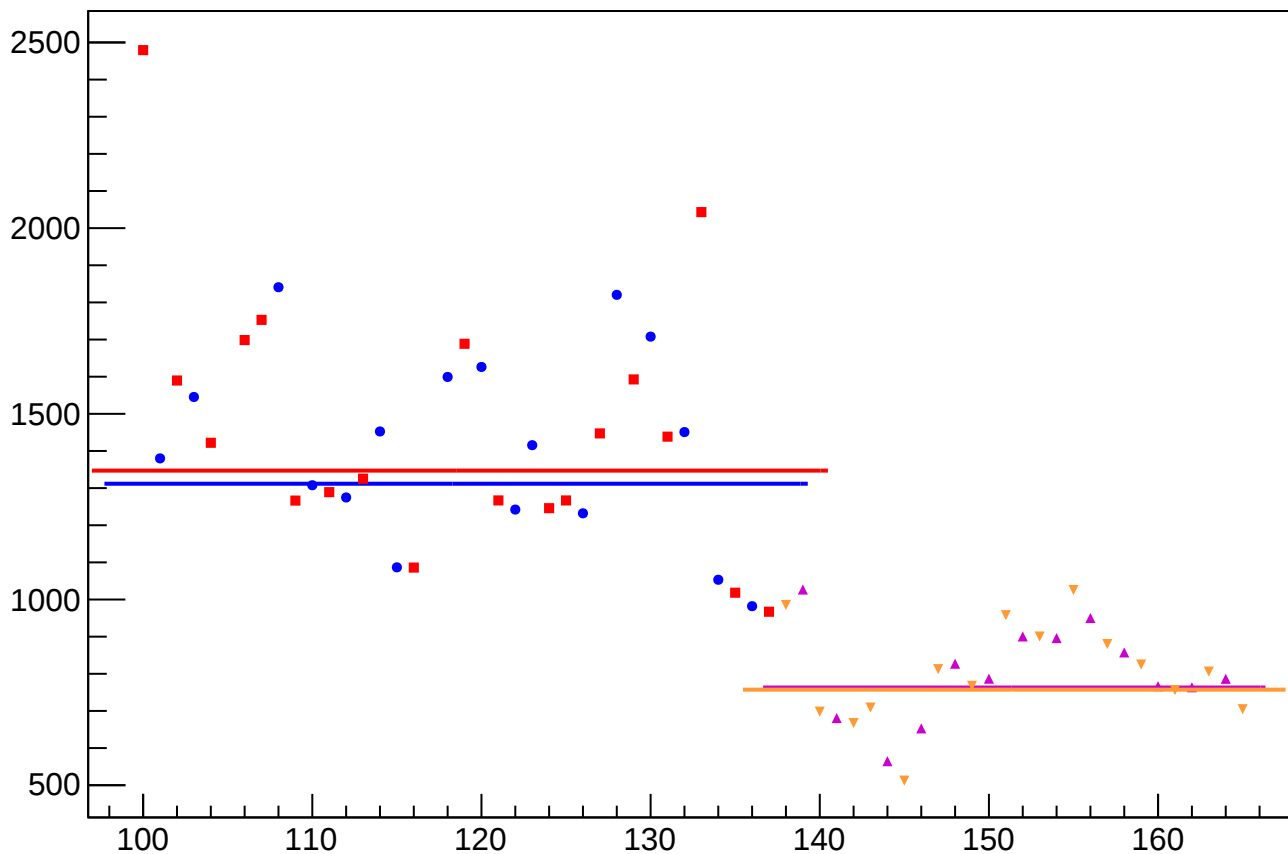
Right: 95.874 ± 365.890 χ^2/NDF : 36.8/35

In: 41.903 ± 217.947 χ^2/NDF : 31.2/29

Out: -982.892 ± 209.867 χ^2/NDF : 53.1/33

All: -489.842 ± 151.174 χ^2/NDF : 95.7/63

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 757.290 $\pm$ 0.162 χ^2 /NDF: 739106.9/14

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 763.054 $\pm$ 0.170 χ^2 /NDF: 551247.5/12

Left: 760.045 $\pm$ 0.117 χ^2 /NDF: 1290956.2/27

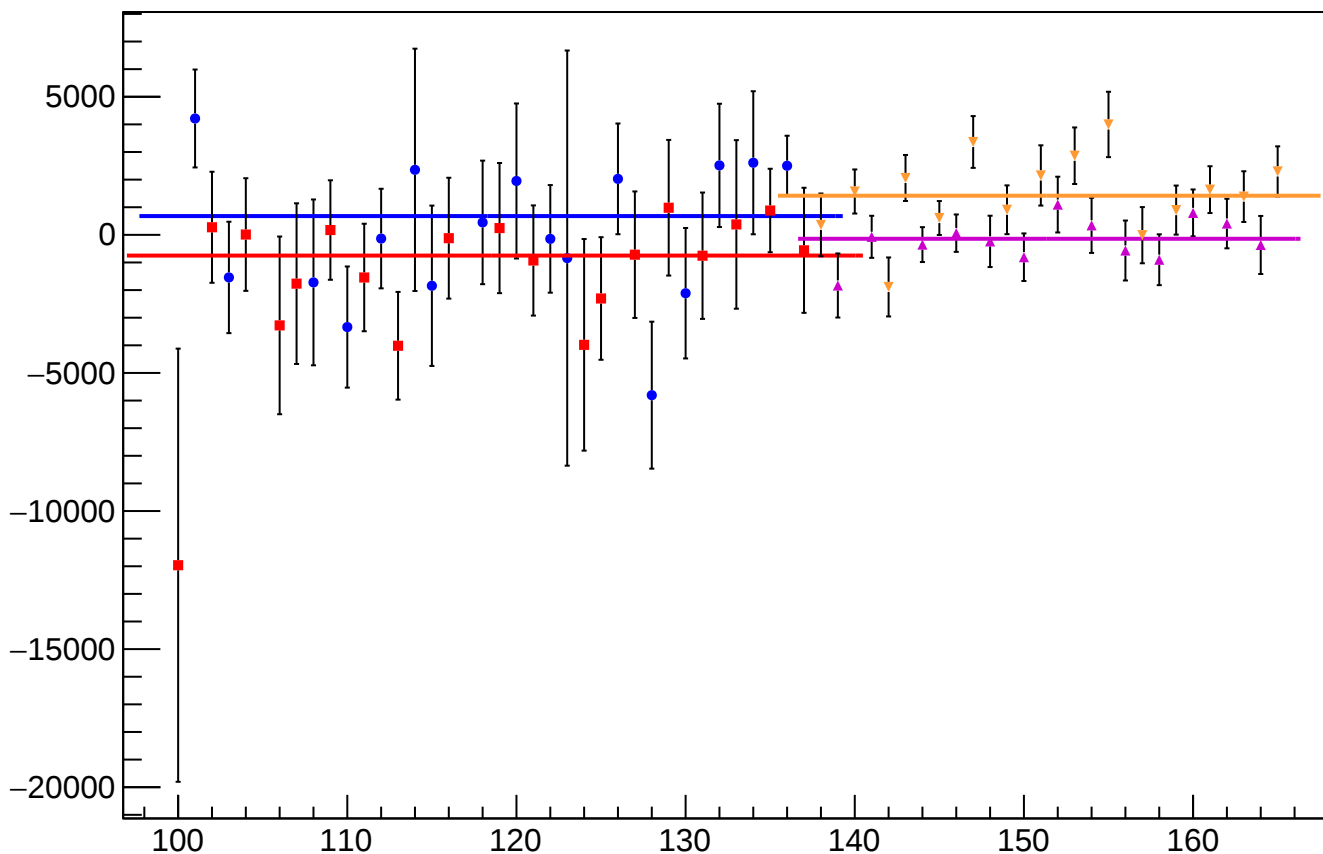
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 859.730 $\pm$ 0.154 χ^2 /NDF: 2904053.7/29

Out: 854.986 $\pm$ 0.148 χ^2 /NDF: 3412817.2/33

All: 857.268 $\pm$ 0.107 χ^2 /NDF: 6317362.5/63

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1417.407+/-233.939 χ^2/NDF :28.0/14

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -142.105+/-241.022 χ^2/NDF :7.2/12

Left: 660.904+/-167.868 χ^2/NDF : 56.7/27

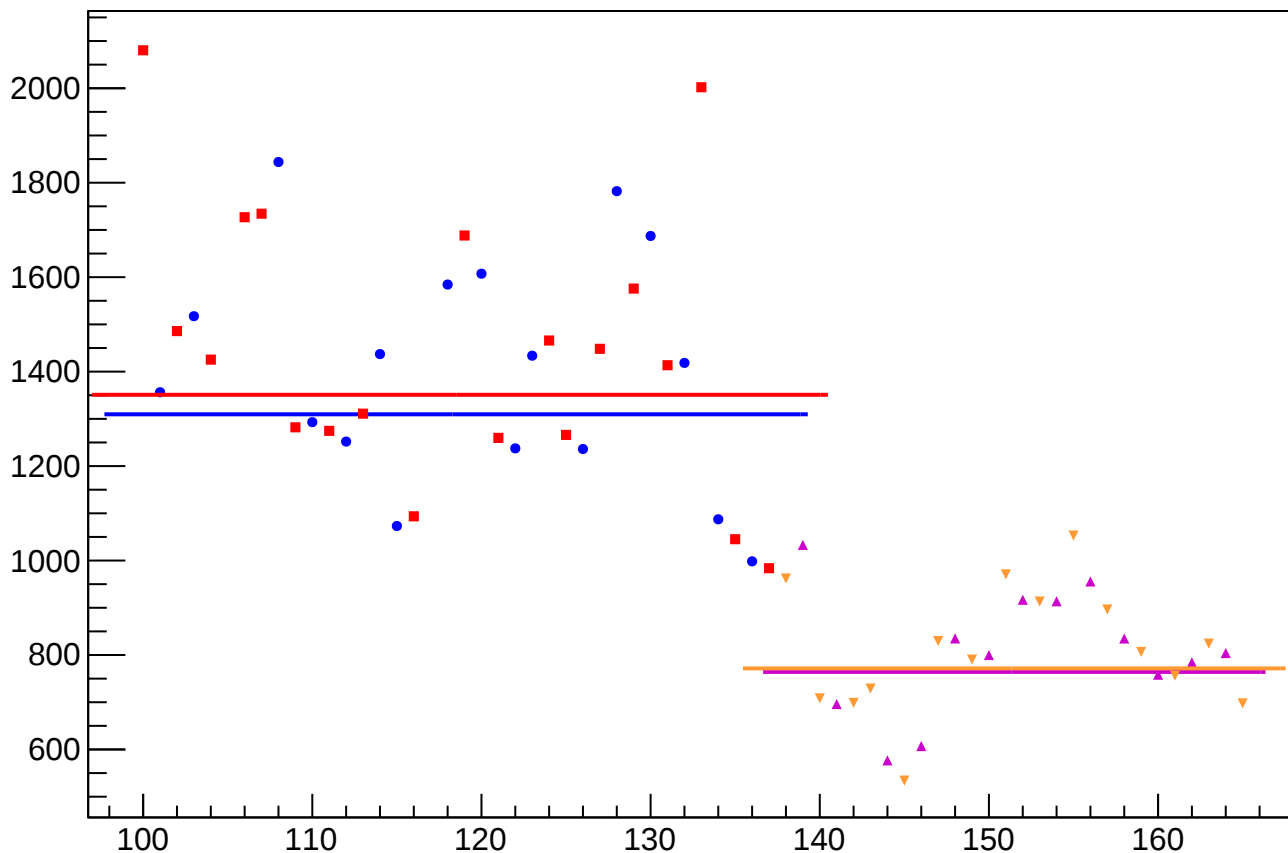
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 4.420+/-218.488 χ^2/NDF :31.8/29

Out: 1048.148+/-213.078 χ^2/NDF :52.3/33

All: 539.365+/-152.546 χ^2/NDF : 95.8/63

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 771.640+/-0.165 χ^2/NDF : 663167.2/14

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 764.223+/-0.170 χ^2/NDF : 590849.6/12

Left: 768.042+/-0.119 χ^2/NDF : 1254992.0/27

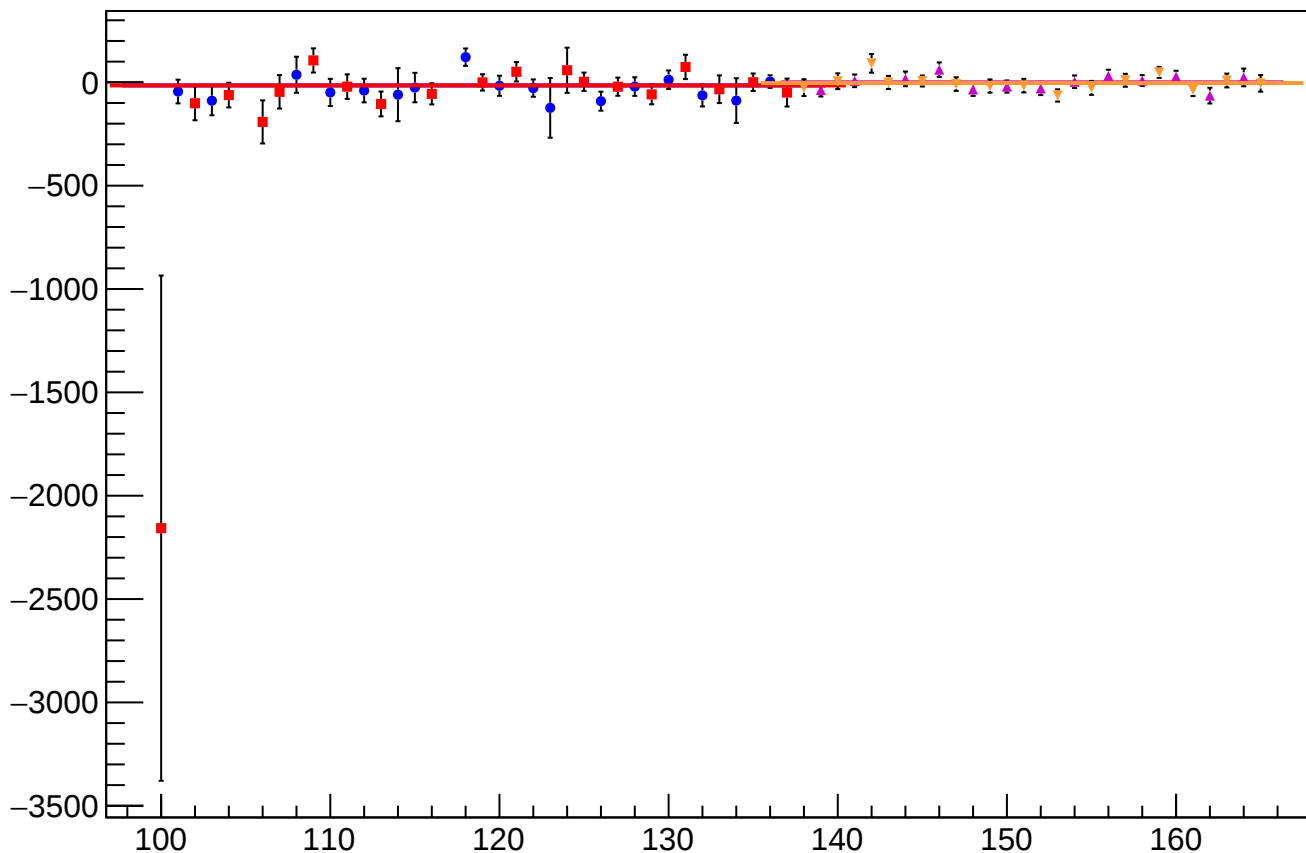
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 861.444+/-0.154 χ^2/NDF : 2875814.1/29

Out: 870.348+/-0.151 χ^2/NDF : 3175580.0/33

All: 866.007+/-0.108 χ^2/NDF : 6053096.2/63

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: -3.742 ± 8.441 $\chi^2/\text{NDF}: 15.1/14$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -0.135 ± 8.791 $\chi^2/\text{NDF}: 12.6/12$

Left: -2.012 ± 6.089 $\chi^2/\text{NDF}: 27.7/27$

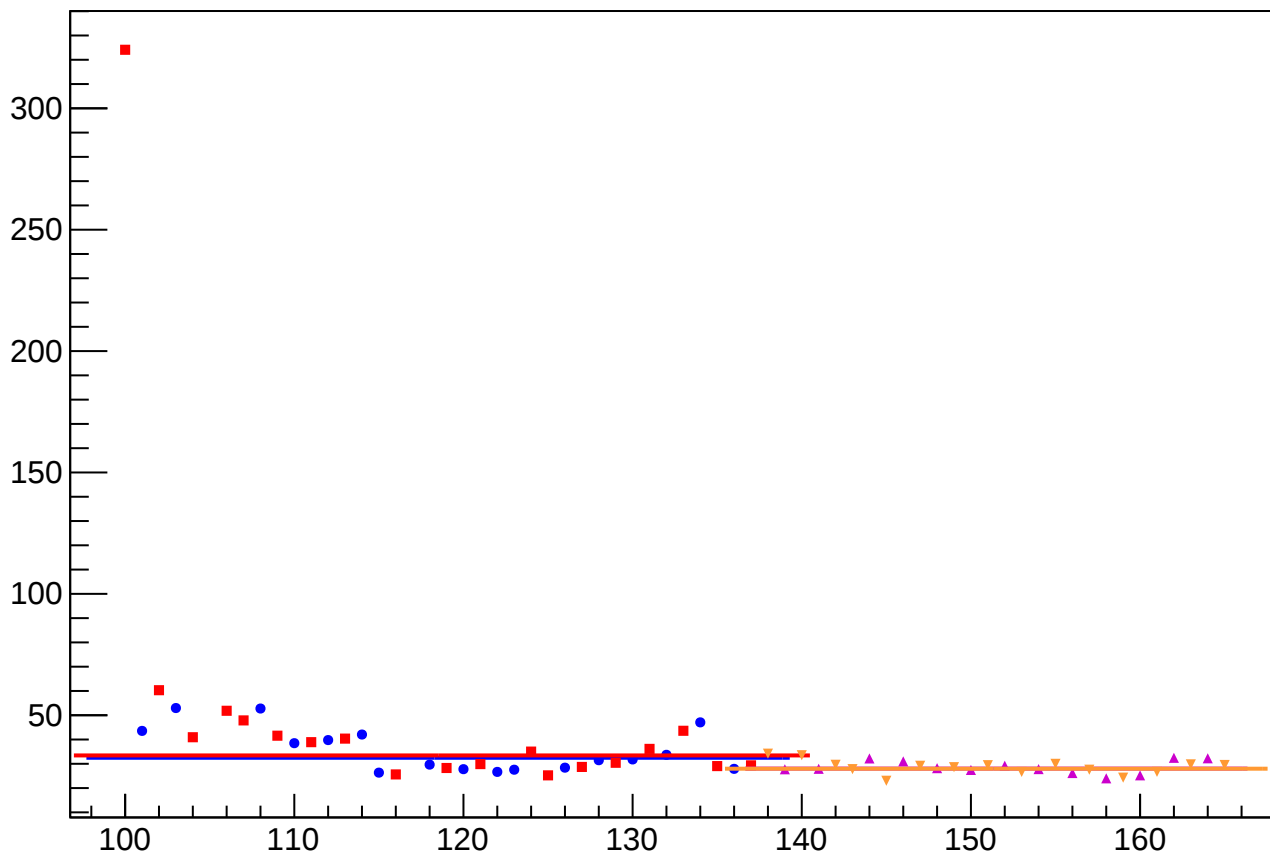
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -4.935 ± 7.266 $\chi^2/\text{NDF}: 31.8/29$

Out: -7.071 ± 7.095 $\chi^2/\text{NDF}: 36.9/33$

All: -6.028 ± 5.076 $\chi^2/\text{NDF}: 68.7/63$

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: 27.979 $\pm$ 0.006 χ^2 /NDF: 230260.8/14

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 28.013 $\pm$ 0.006 χ^2 /NDF: 165308.8/12

Left: 27.995 $\pm$ 0.004 χ^2 /NDF: 395585.4/27

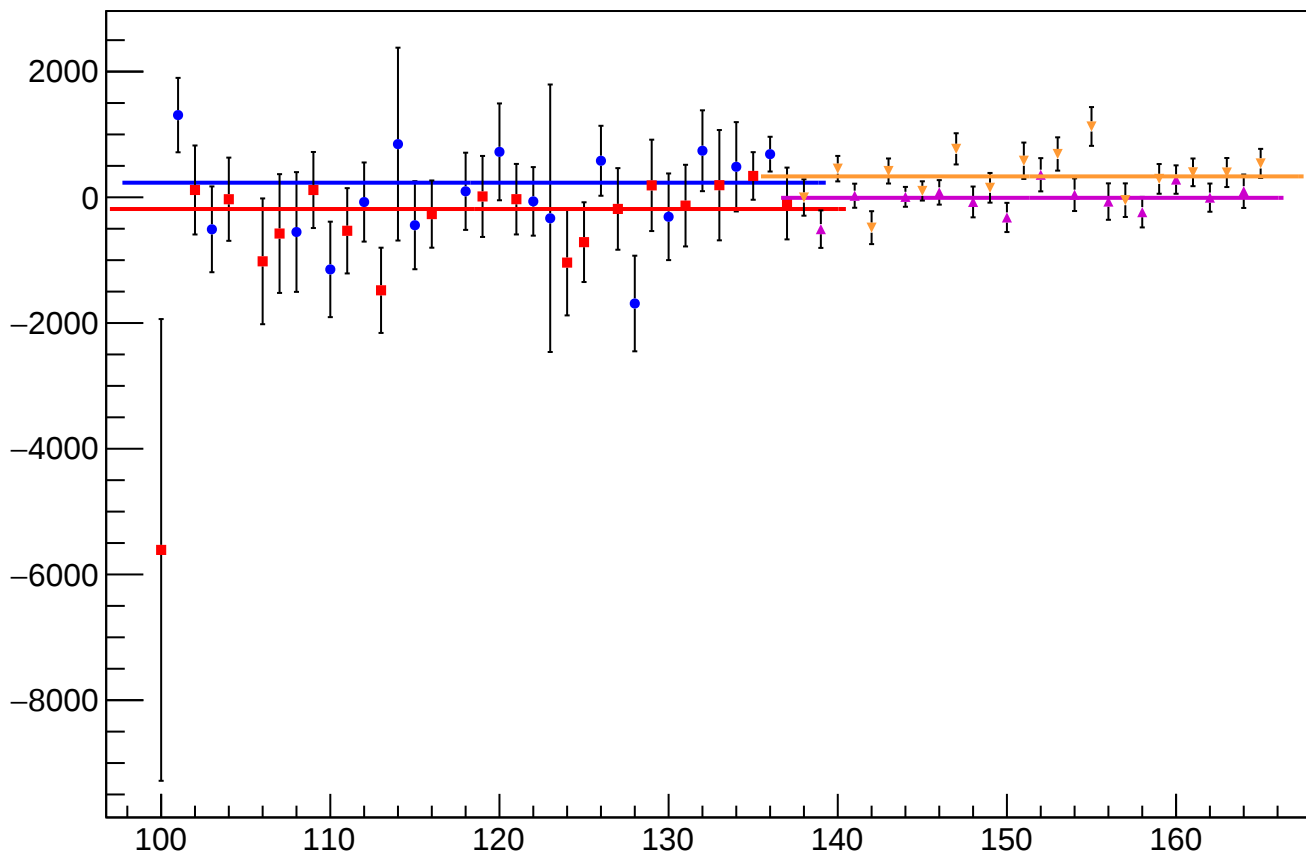
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 29.432 $\pm$ 0.005 χ^2 /NDF: 924086.6/29

Out: 29.583 $\pm$ 0.005 χ^2 /NDF: 1314684.2/33

All: 29.509 $\pm$ 0.004 χ^2 /NDF: 2239216.8/63

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: 332.672 $\pm$ 59.816 χ^2 /NDF:29.8/14

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -8.378 $\pm$ 63.039 χ^2 /NDF:9.6/12

Left: 171.088 $\pm$ 43.391 χ^2 /NDF: 54.8/27

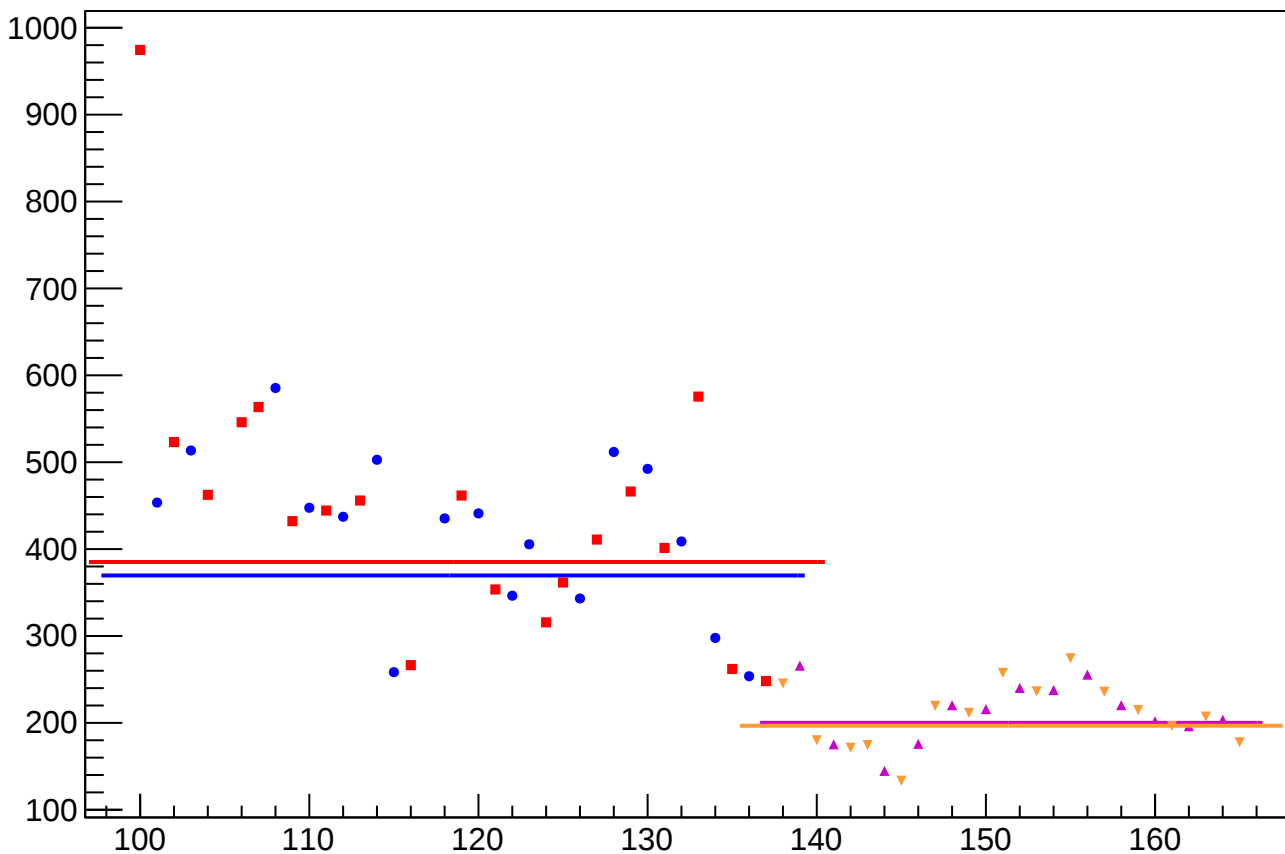
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 28.330 $\pm$ 58.033 χ^2 /NDF:33.3/29

Out: 261.383 $\pm$ 55.555 χ^2 /NDF:51.9/33

All: 149.939 $\pm$ 40.131 χ^2 /NDF: 93.6/63

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 196.719+/-0.042 χ^2/NDF : 812245.0/14

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 200.036+/-0.045 χ^2/NDF : 606453.5/12

Left: 198.291+/-0.031 χ^2/NDF : 1421611.5/27

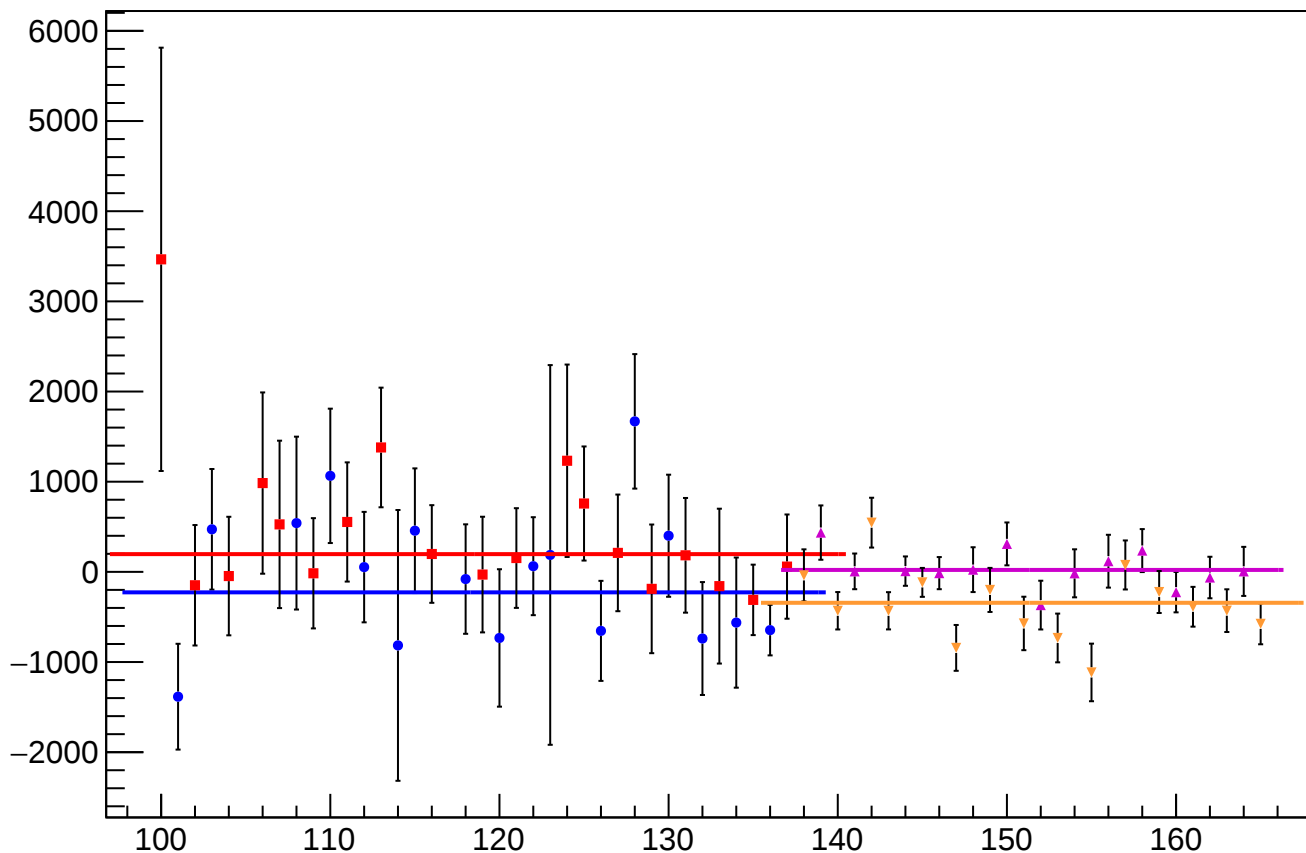
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 225.902+/-0.041 χ^2/NDF : 3717294.7/29

Out: 222.609+/-0.039 χ^2/NDF : 4465842.7/33

All: 224.184+/-0.028 χ^2/NDF : 8186498.0/63

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -343.009 ± 61.136 $\chi^2/\text{NDF}: 30.4/14$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 21.480 ± 63.374 $\chi^2/\text{NDF}: 7.8/12$

Left: -167.313 ± 44.000 $\chi^2/\text{NDF}: 55.4/27$

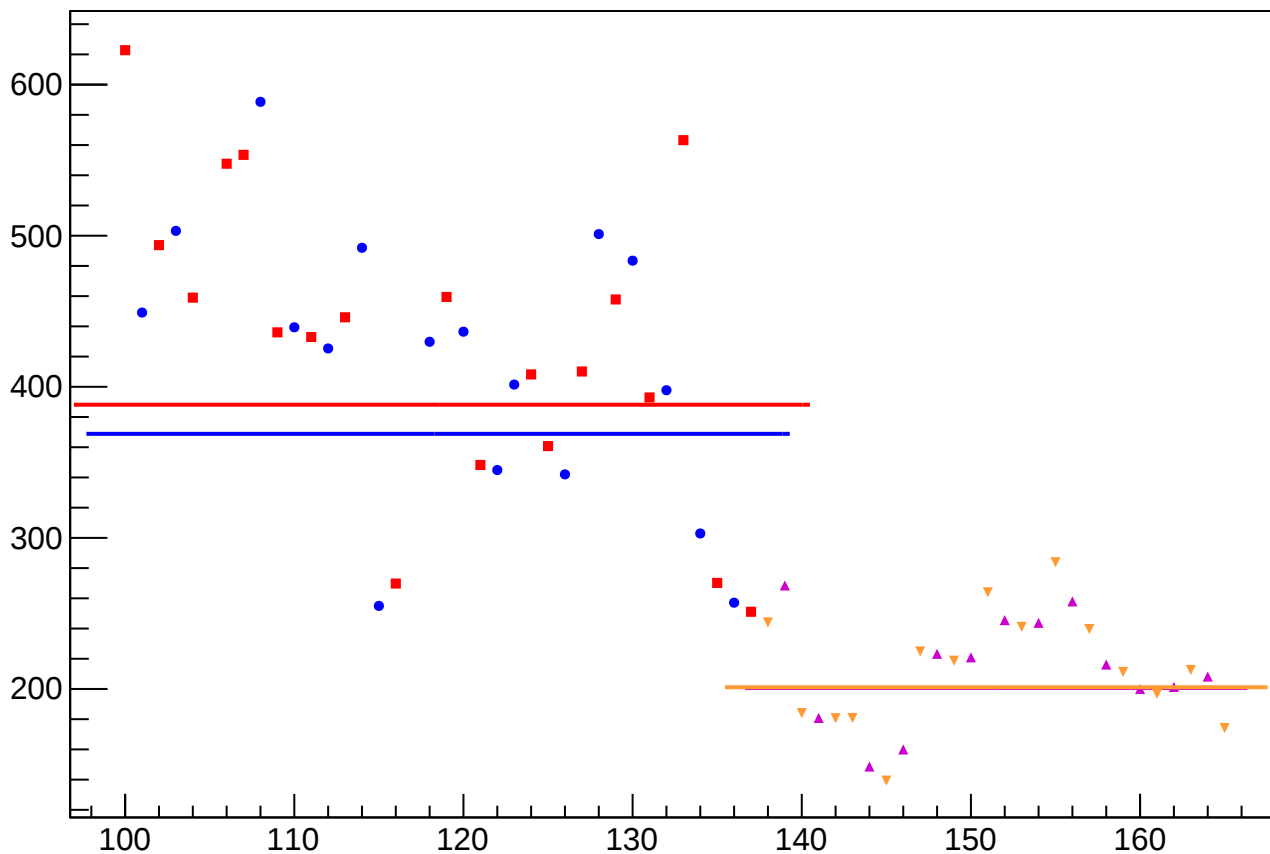
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -17.098 ± 58.253 $\chi^2/\text{NDF}: 32.0/29$

Out: -266.274 ± 56.624 $\chi^2/\text{NDF}: 52.3/33$

All: -145.219 ± 40.603 $\chi^2/\text{NDF}: 93.7/63$

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: 201.147 $\pm$ 0.043 χ^2 /NDF: 758657.9/14

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 200.620 $\pm$ 0.045 χ^2 /NDF: 655099.2/12

Left: 200.893 $\pm$ 0.031 χ^2 /NDF: 1413828.9/27

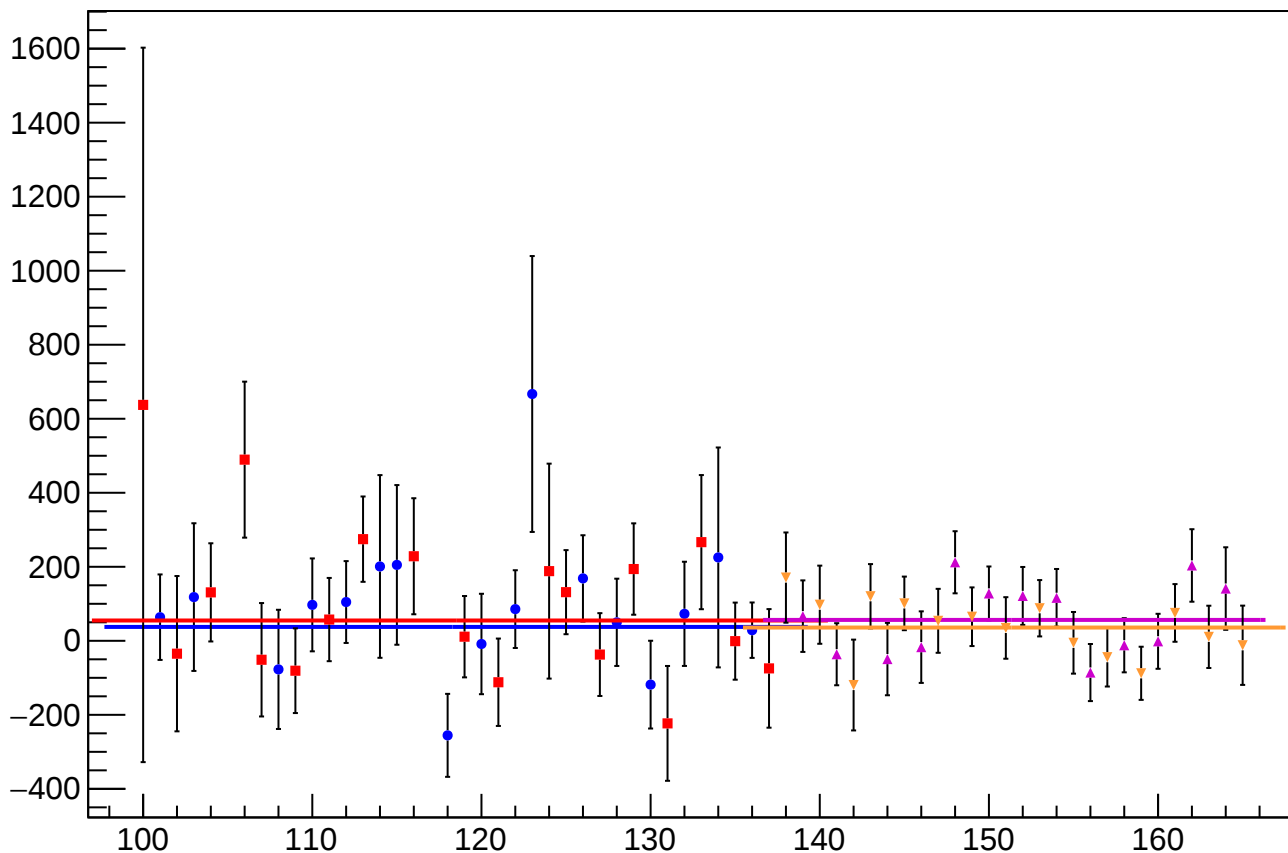
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 226.712 $\pm$ 0.041 χ^2 /NDF: 3670830.1/29

Out: 227.730 $\pm$ 0.040 χ^2 /NDF: 4196454.7/33

All: 227.235 $\pm$ 0.029 χ^2 /NDF: 7867598.7/63

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: 35.842 $\pm$ 22.100 χ^2 /NDF:10.4/14

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 56.458 $\pm$ 23.314 χ^2 /NDF:16.4/12

Left: 45.599 $\pm$ 16.039 χ^2 /NDF: 27.1/27

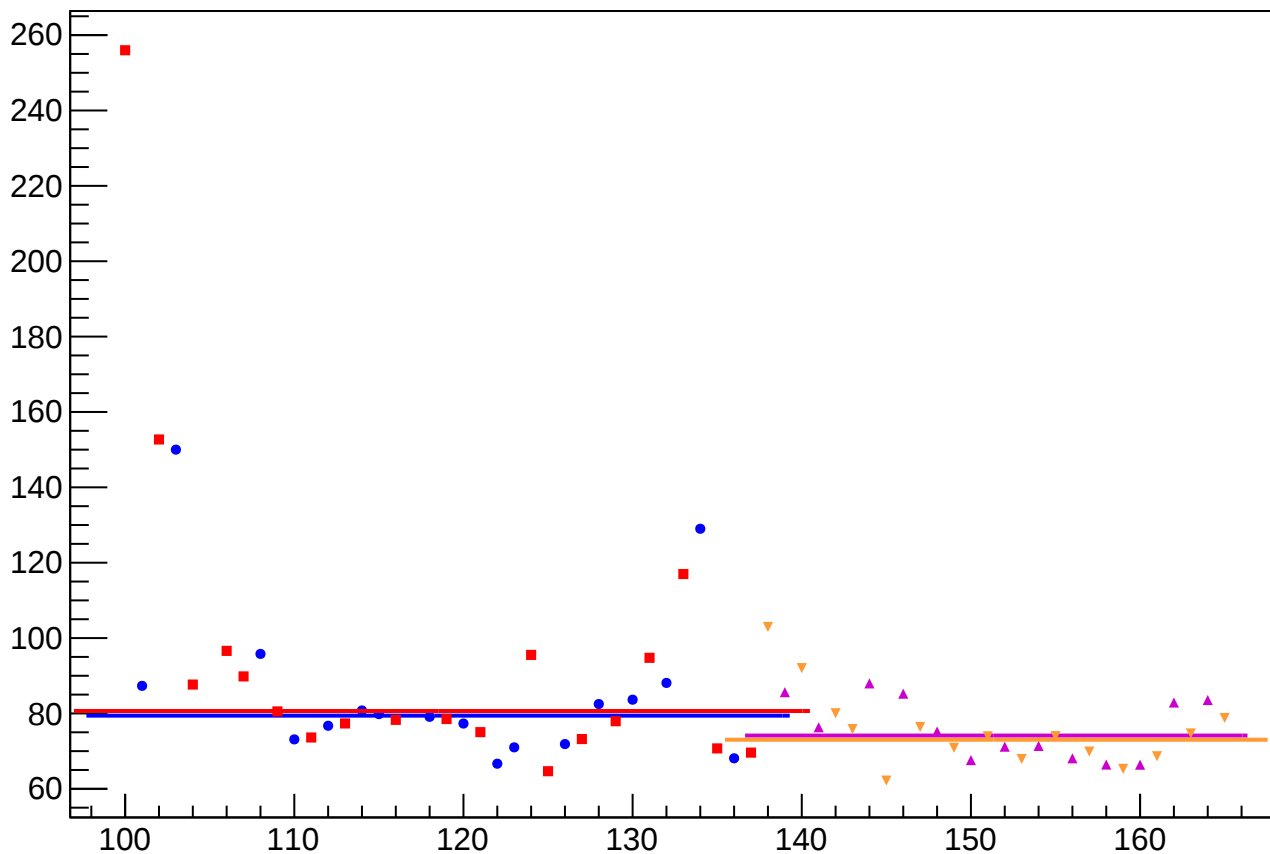
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 49.750 $\pm$ 18.731 χ^2 /NDF:32.5/29

Out: 42.134 $\pm$ 18.086 χ^2 /NDF:32.8/33

All: 45.808 $\pm$ 13.011 χ^2 /NDF: 65.3/63

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: 73.028 $\pm$ 0.016 χ^2 /NDF: 292278.8/14

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 74.130 $\pm$ 0.016 χ^2 /NDF: 204221.9/12

Left: 73.549 $\pm$ 0.011 χ^2 /NDF: 498856.6/27

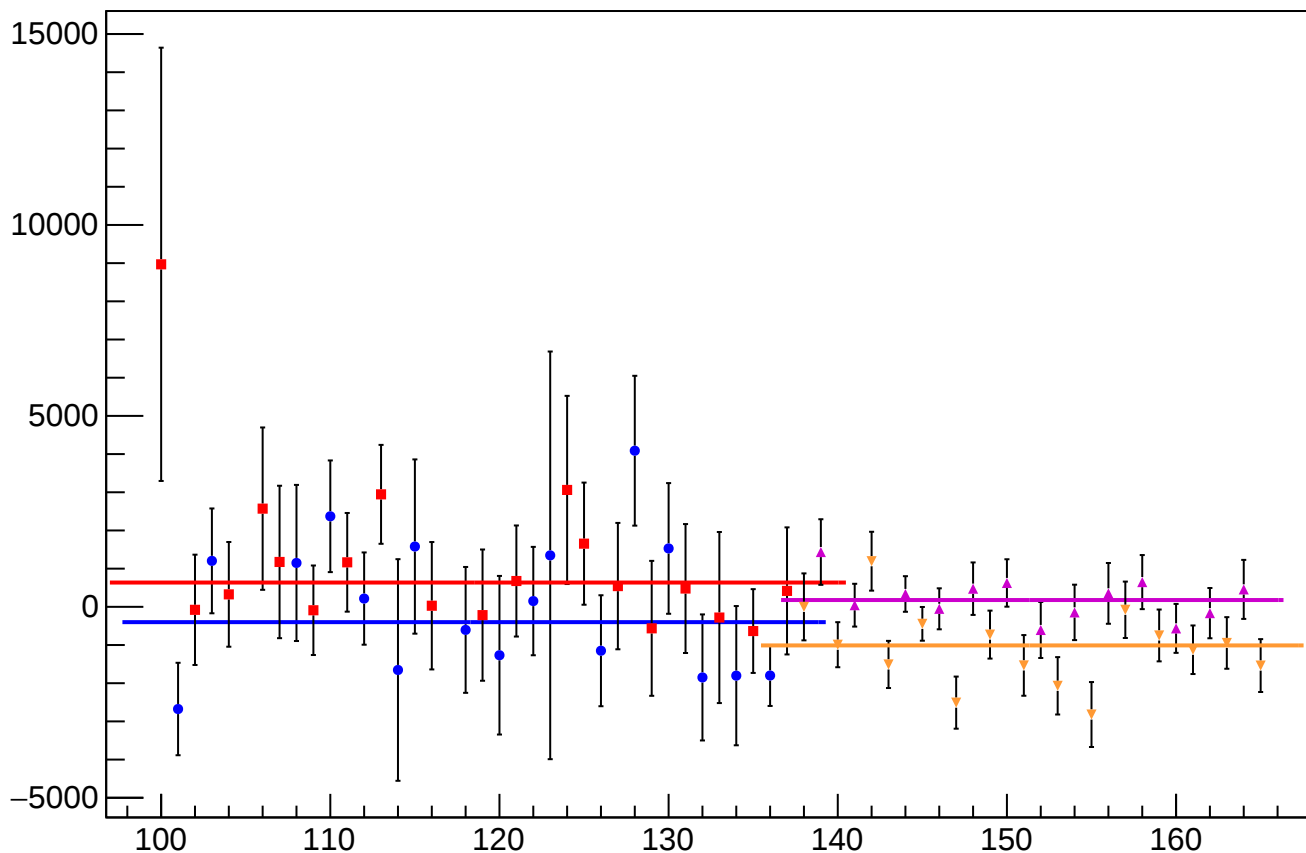
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.006 $\pm$ 0.013 χ^2 /NDF: 679787.9/29

Out: 75.545 $\pm$ 0.013 χ^2 /NDF: 891332.2/33

All: 75.768 $\pm$ 0.009 χ^2 /NDF: 1571745.3/63

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: -1010.391 $\pm$ 172.033 χ^2 /NDF:26.1/14

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 178.018 $\pm$ 179.388 χ^2 /NDF:6.8/12

Left: -441.047 $\pm$ 124.164 χ^2 /NDF: 55.8/27

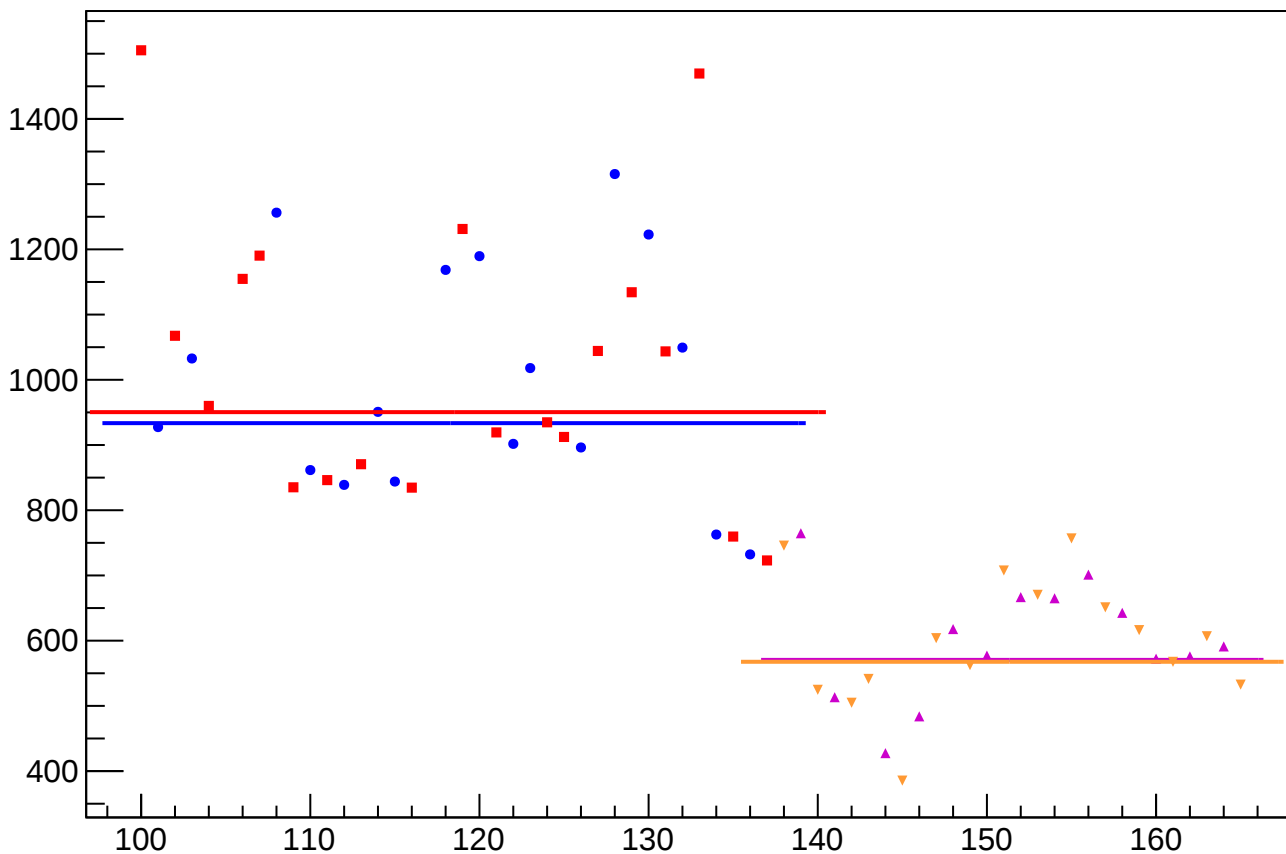
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 67.071 $\pm$ 161.290 χ^2 /NDF:30.7/29

Out: -708.301 $\pm$ 155.453 χ^2 /NDF:53.8/33

All: -334.899 $\pm$ 111.928 χ^2 /NDF: 96.5/63

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 567.626+/-0.122 χ^2/NDF : 702410.4/14

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 570.531+/-0.127 χ^2/NDF : 517639.0/12

Left: 569.018+/-0.088 χ^2/NDF : 1220322.6/27

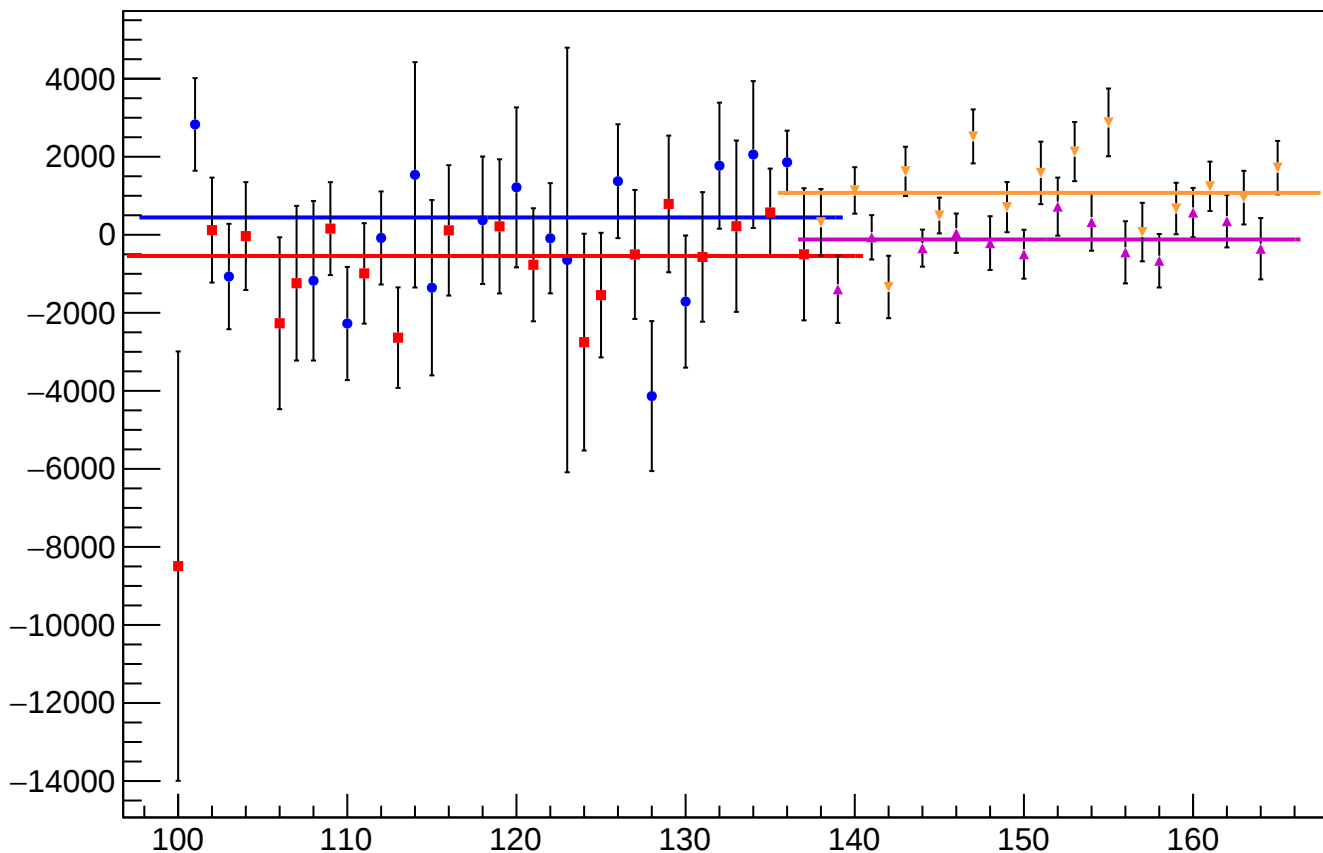
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 640.080+/-0.114 χ^2/NDF : 2529028.5/29

Out: 637.856+/-0.110 χ^2/NDF : 2943466.3/33

All: 638.927+/-0.079 χ^2/NDF : 5472692.0/63

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1074.419+/-174.118 χ^2/NDF : 26.8/14

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -120.000+/-179.142 χ^2/NDF : 7.1/12

Left: 494.194+/-124.858 χ^2/NDF : 56.8/27

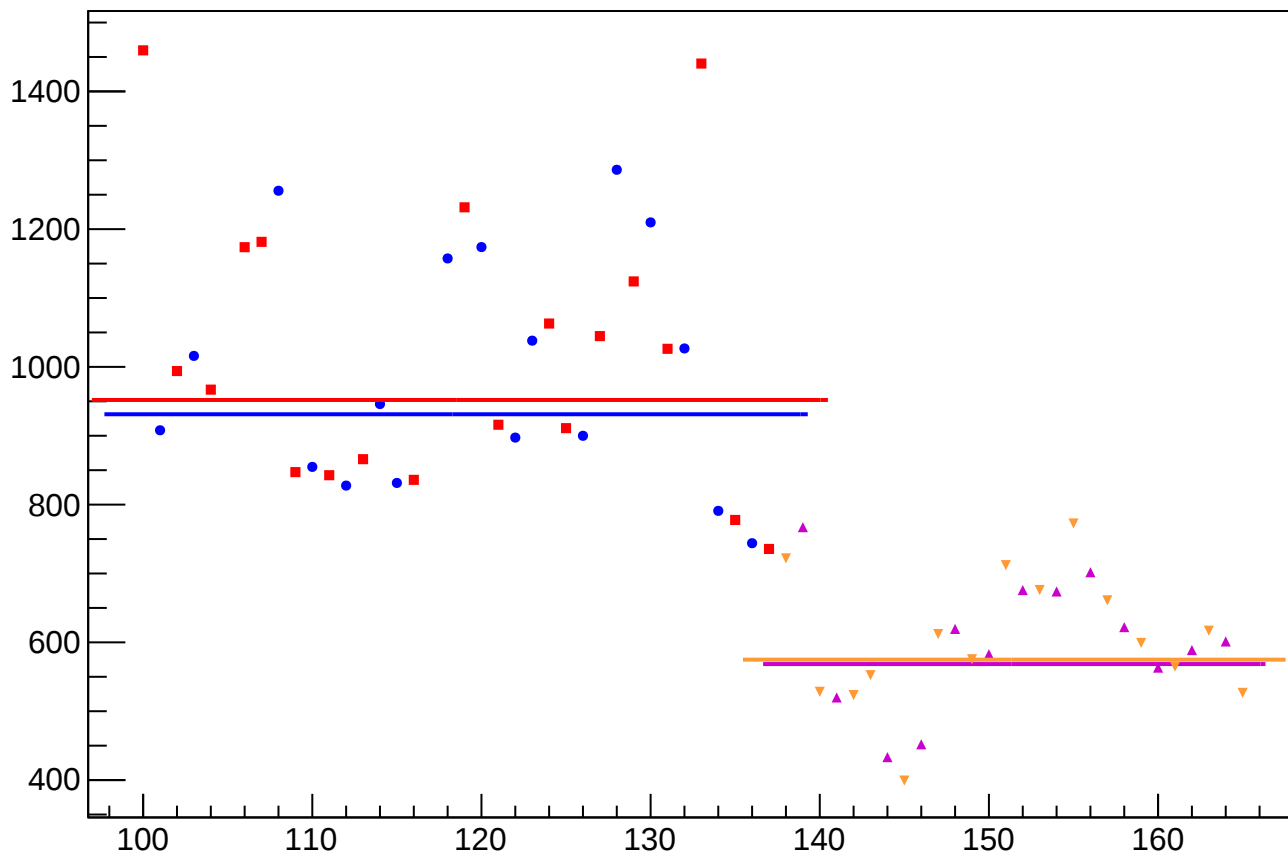
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -11.394+/-160.995 χ^2/NDF : 31.9/29

Out: 772.317+/-157.017 χ^2/NDF : 52.3/33

All: 390.263+/-112.408 χ^2/NDF : 96.4/63

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 574.870 $\pm$ 0.123 χ^2 /NDF: 626857.8/14

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 568.477 $\pm$ 0.127 χ^2 /NDF: 558603.2/12

Left: 571.764 $\pm$ 0.088 χ^2 /NDF: 1186770.8/27

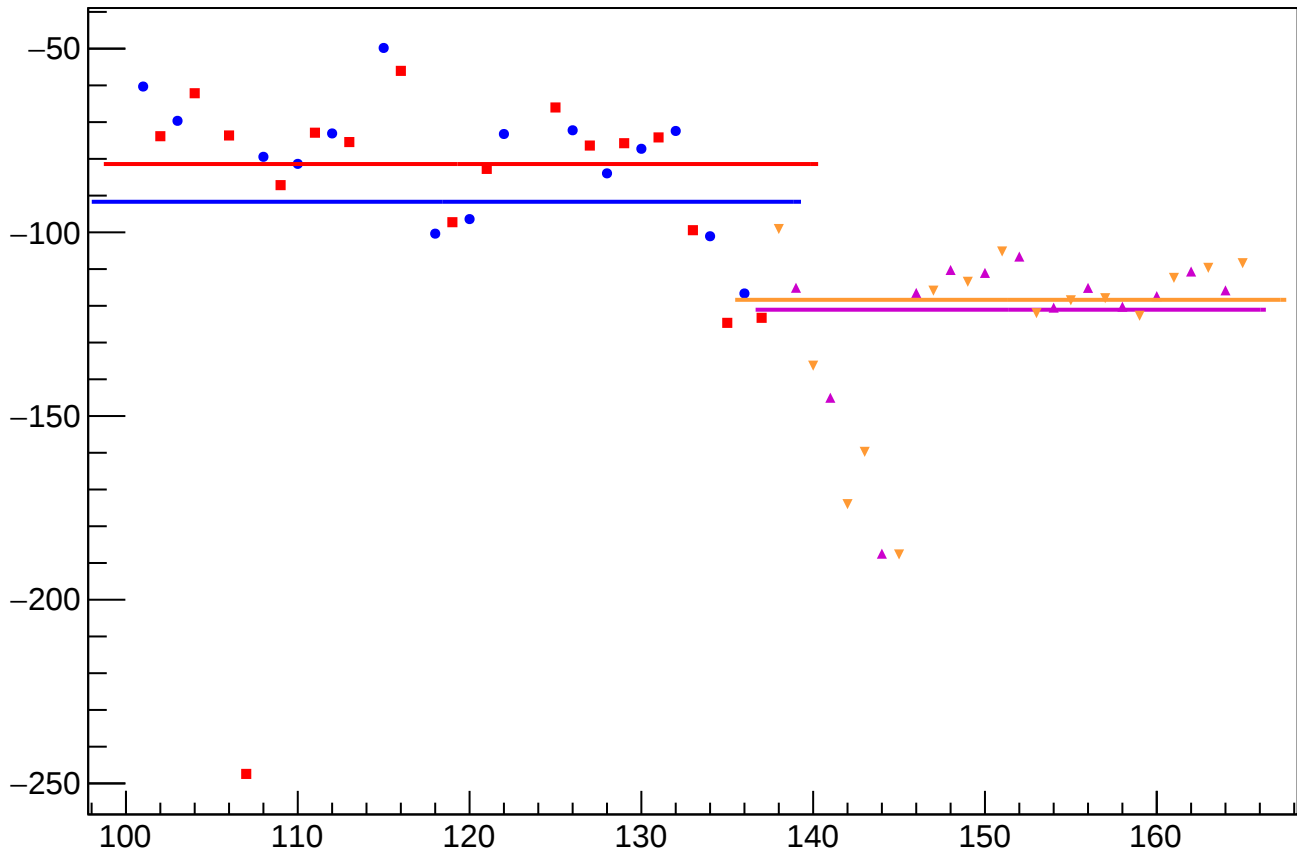
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 638.242 $\pm$ 0.114 χ^2 /NDF: 2535917.6/29

Out: 645.302 $\pm$ 0.111 χ^2 /NDF: 2761631.3/33

All: 641.860 $\pm$ 0.079 χ^2 /NDF: 5299520.1/63

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -118.367 ± 0.072 $\chi^2/\text{NDF}: 26952.9/14$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -121.061 ± 0.073 $\chi^2/\text{NDF}: 44891.3/12$

Left: -119.690 ± 0.051 $\chi^2/\text{NDF}: 72532.6/27$

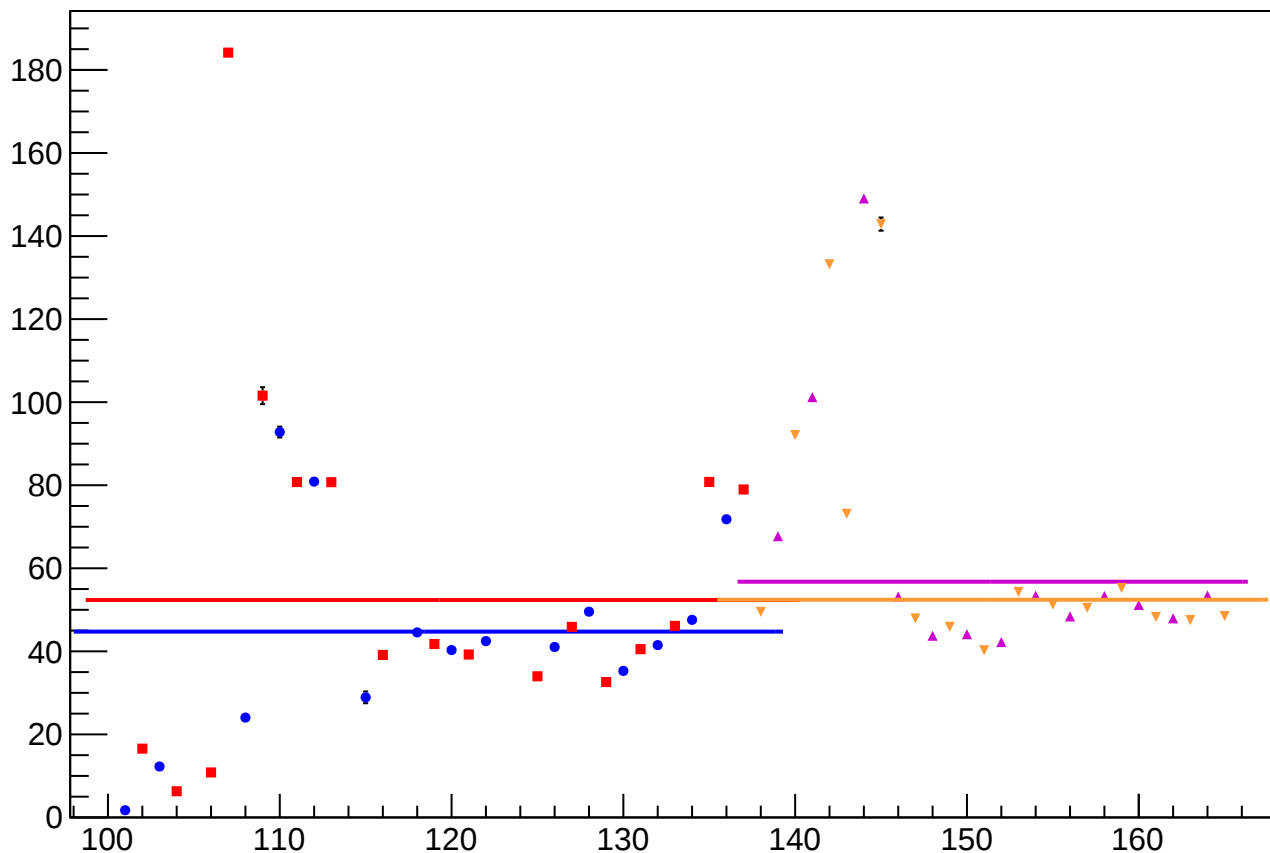
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -105.730 ± 0.051 $\chi^2/\text{NDF}: 193444.9/27$

Out: -105.498 ± 0.058 $\chi^2/\text{NDF}: 160502.1/31$

All: -105.630 ± 0.038 $\chi^2/\text{NDF}: 353956.1/59$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 52.430+/-0.059 χ^2/NDF : 43622.1/14

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 56.765+/-0.063 χ^2/NDF : 109067.2/12

Left: 54.474+/-0.043 χ^2/NDF : 155218.5/27

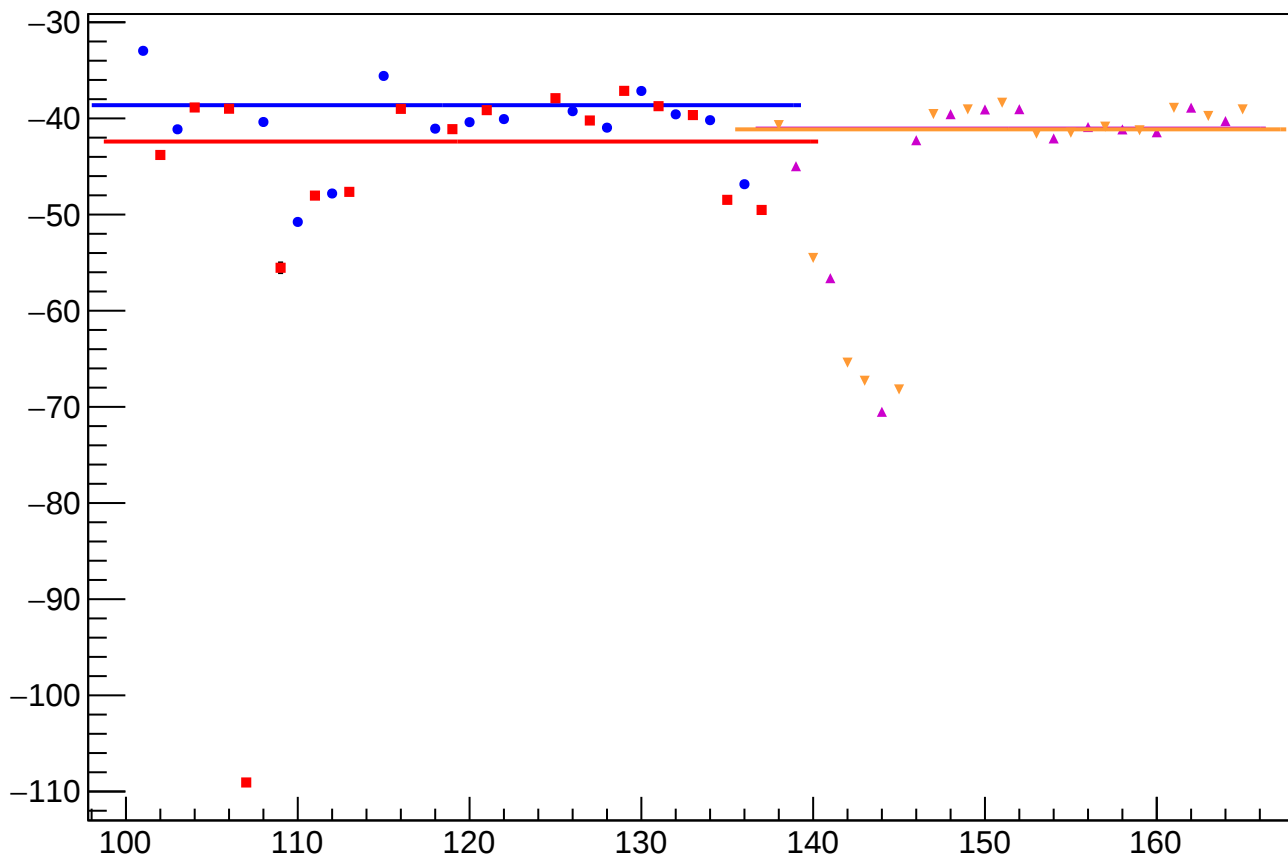
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.551+/-0.044 χ^2/NDF : 212787.6/27

Out: 52.416+/-0.052 χ^2/NDF : 112907.5/31

All: 51.313+/-0.033 χ^2/NDF : 326445.1/59

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.139 ± 0.009 χ^2/NDF : 191511.6/14

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.061 ± 0.010 χ^2/NDF : 149497.8/12

Left: -41.103 ± 0.006 χ^2/NDF : 341045.3/27

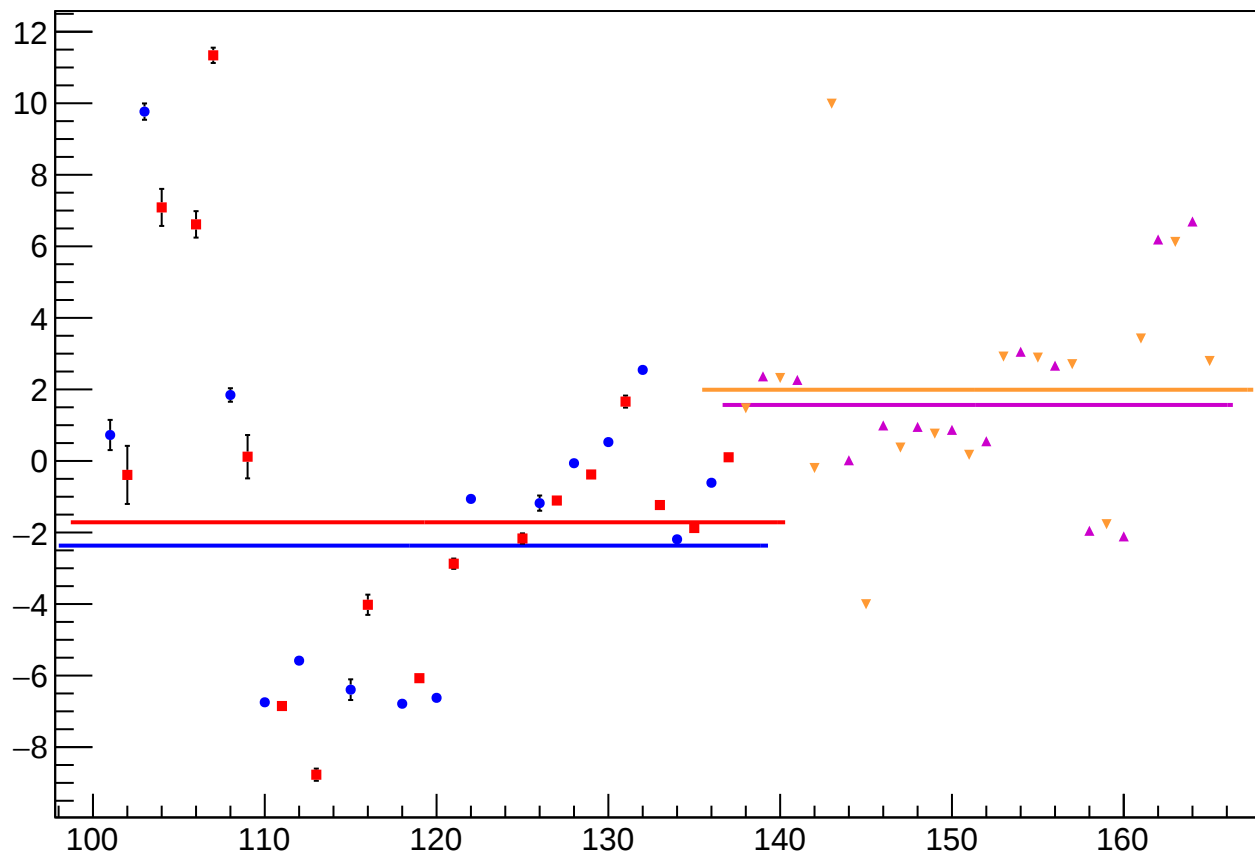
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.669 ± 0.006 χ^2/NDF : 426783.9/27

Out: -41.322 ± 0.008 χ^2/NDF : 463683.3/31

All: -40.286 ± 0.005 χ^2/NDF : 916578.9/59

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.991 ± 0.009 χ^2/NDF : 71686.9/14

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.566 ± 0.008 χ^2/NDF : 77090.5/12

Left: 1.761 ± 0.006 χ^2/NDF : 149927.7/27

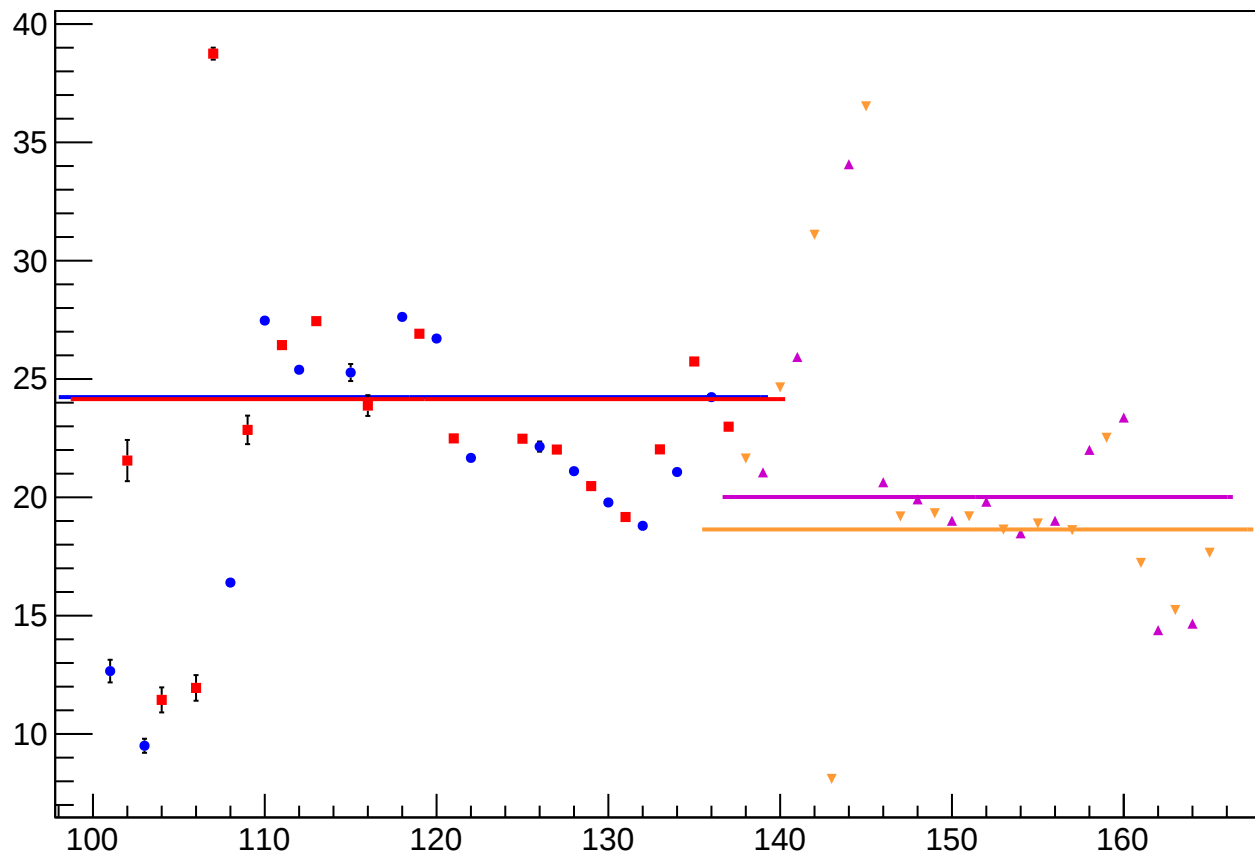
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.516 ± 0.007 χ^2/NDF : 163122.4/27

Out: 1.604 ± 0.009 χ^2/NDF : 101289.0/31

All: 0.962 ± 0.006 χ^2/NDF : 273602.5/59

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2/NDF : 21896.9/14

Left Out: 18.642 $\pm$ 0.009 χ^2/NDF : 70929.5/14

Right Out: 24.150 $\pm$ 0.024 χ^2/NDF : 13222.6/16

Left In: 20.014 $\pm$ 0.009 χ^2/NDF : 87329.1/12

Left: 19.381 $\pm$ 0.006 χ^2/NDF : 170022.5/27

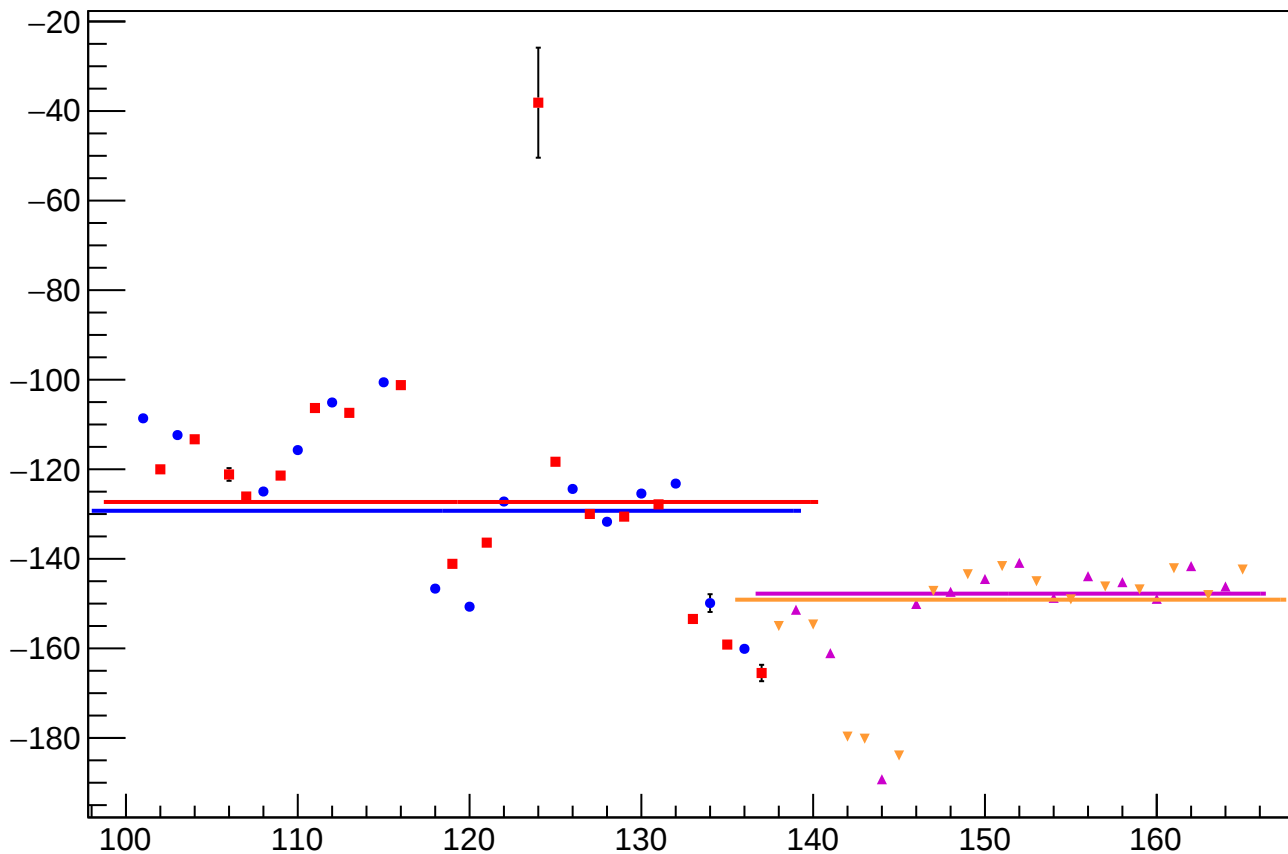
Right: 24.197 $\pm$ 0.016 χ^2/NDF : 35126.2/31

In: 20.571 $\pm$ 0.008 χ^2/NDF : 141115.2/27

Out: 19.339 $\pm$ 0.009 χ^2/NDF : 128762.1/31

All: 20.004 $\pm$ 0.006 χ^2/NDF : 280778.1/59

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -149.124 ± 0.061 χ^2/NDF : 29163.4/14

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -147.776 ± 0.058 χ^2/NDF : 22331.6/12

Left: -148.420 ± 0.042 χ^2/NDF : 51752.7/27

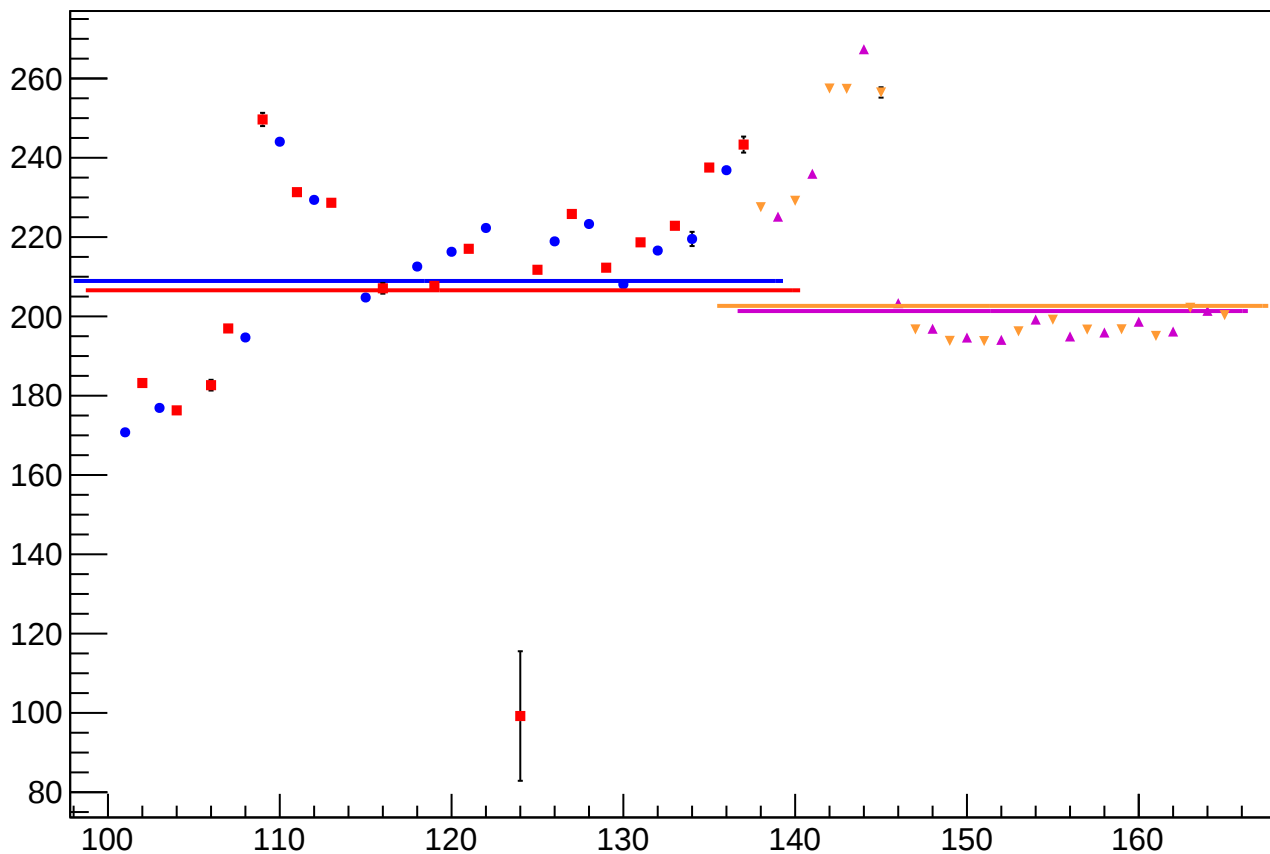
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -142.151 ± 0.048 χ^2/NDF : 88372.1/27

Out: -141.682 ± 0.049 χ^2/NDF : 102894.9/32

All: -141.920 ± 0.035 χ^2/NDF : 191313.0/60

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.651 $\pm$ 0.050 χ^2/NDF :103151.4/14

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 201.345 $\pm$ 0.050 χ^2/NDF :76146.0/12

Left: 201.993 $\pm$ 0.035 χ^2/NDF : 179641.6/27

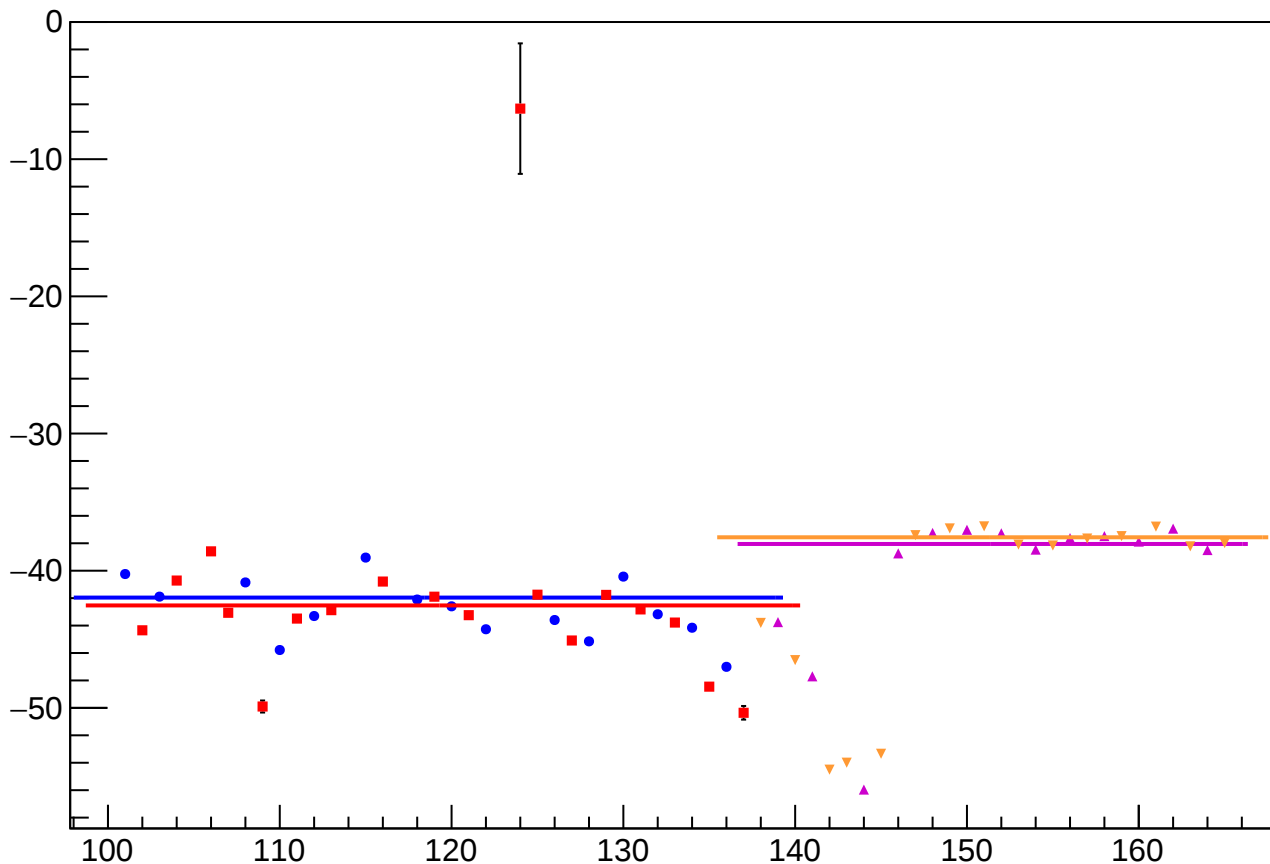
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 203.136 $\pm$ 0.043 χ^2/NDF :126360.5/27

Out: 203.693 $\pm$ 0.043 χ^2/NDF :153002.3/32

All: 203.417 $\pm$ 0.030 χ^2/NDF : 279446.6/60

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.564 $\pm$ 0.005 χ^2 /NDF: 220956.5/14

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -38.051 $\pm$ 0.005 χ^2 /NDF: 132984.9/12

Left: -37.781 $\pm$ 0.003 χ^2 /NDF: 359012.2/27

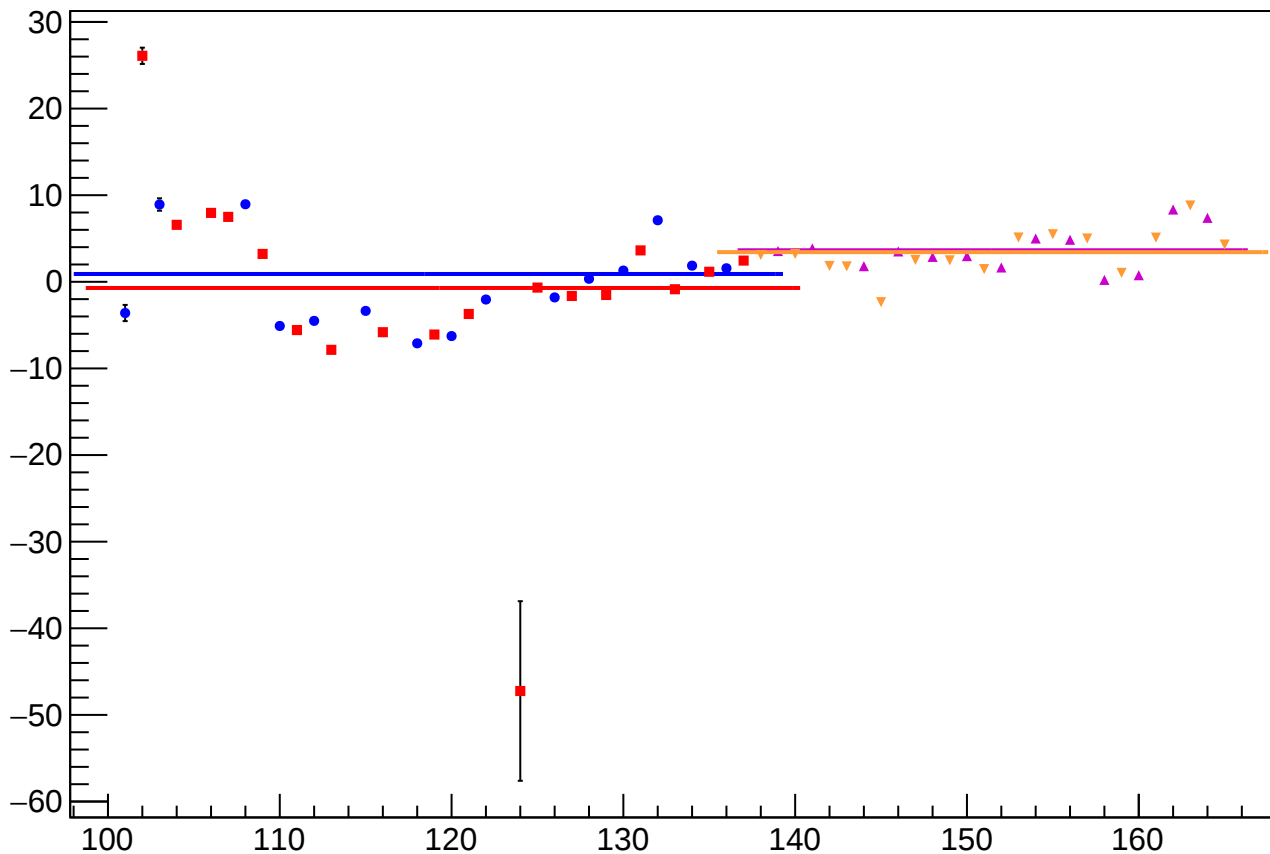
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.428 $\pm$ 0.005 χ^2 /NDF: 213870.6/27

Out: -37.796 $\pm$ 0.004 χ^2 /NDF: 282251.6/32

All: -38.086 $\pm$ 0.003 χ^2 /NDF: 505339.1/60

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903+/-0.020 χ^2/NDF : 21140.4/14

Left Out: 3.427+/-0.009 χ^2/NDF : 73204.8/14

Right Out: -0.711+/-0.024 χ^2/NDF : 30723.8/17

Left In: 3.642+/-0.009 χ^2/NDF : 62508.9/12

Left: 3.535+/-0.006 χ^2/NDF : 136026.8/27

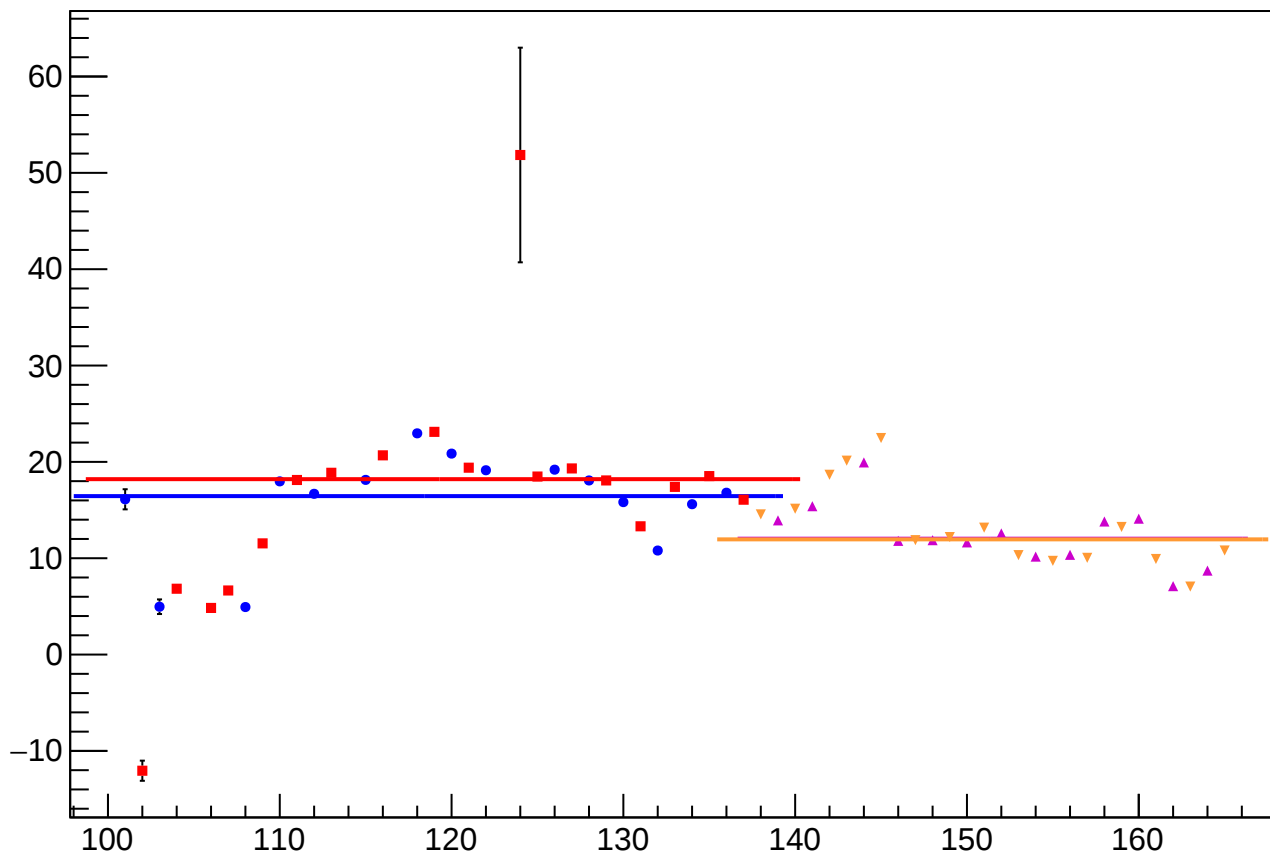
Right: 0.250+/-0.015 χ^2/NDF : 54492.0/32

In: 3.218+/-0.008 χ^2/NDF : 99425.1/27

Out: 2.963+/-0.008 χ^2/NDF : 129671.4/32

All: 3.094+/-0.006 χ^2/NDF : 229601.0/60

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.958 $\pm$ 0.010 χ^2 /NDF: 87056.7/14

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.029 $\pm$ 0.010 χ^2 /NDF: 45234.0/12

Left: 11.992 $\pm$ 0.007 χ^2 /NDF: 132314.8/27

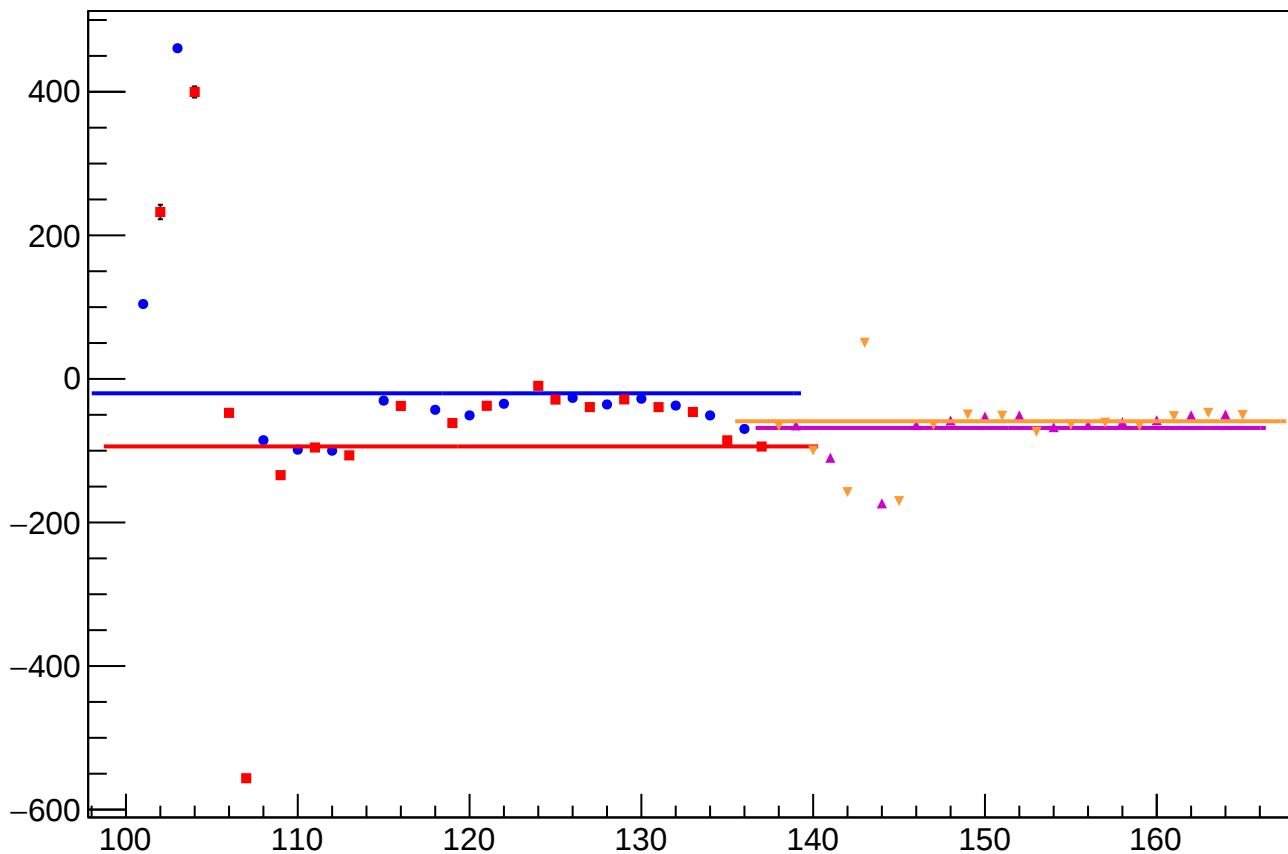
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.716 $\pm$ 0.010 χ^2 /NDF: 87090.3/27

Out: 13.176 $\pm$ 0.009 χ^2 /NDF: 189862.2/32

All: 12.961 $\pm$ 0.007 χ^2 /NDF: 278168.5/60

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -58.972+/-0.121 χ^2/NDF : 46512.5/14

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -68.309+/-0.144 χ^2/NDF : 37981.6/12

Left: -62.838+/-0.093 χ^2/NDF : 86956.7/27

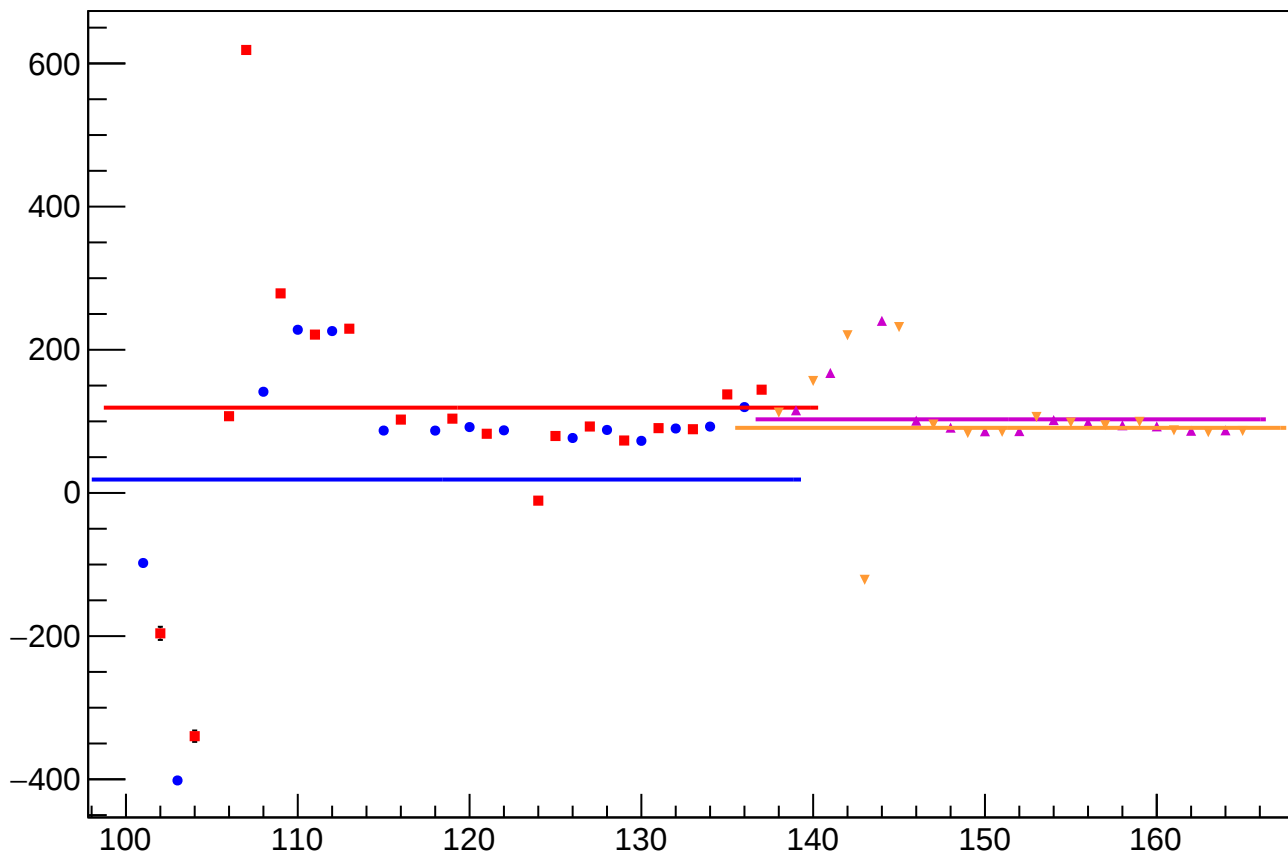
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -45.662+/-0.105 χ^2/NDF : 532115.6/27

Out: -93.684+/-0.012 χ^2/NDF : 217069.7/32

All: -93.026+/-0.012 χ^2/NDF : 955798.2/60

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 90.947+/-0.103 χ^2/NDF : 167790.8/14

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 102.845+/-0.124 χ^2/NDF : 59177.1/12

Left: 95.824+/-0.079 χ^2/NDF : 232438.2/27

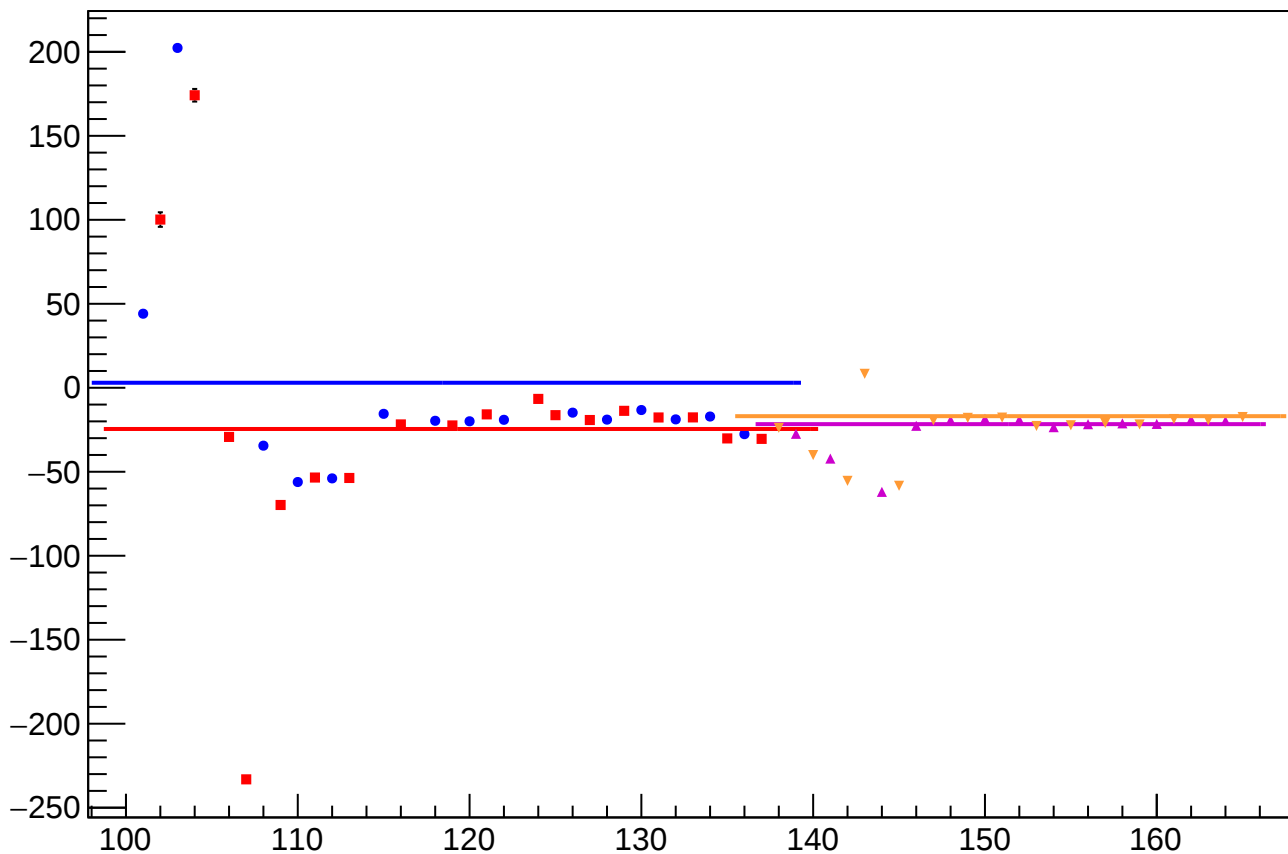
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 69.394+/-0.096 χ^2/NDF : 1345243.9/27

Out: 96.897+/-0.091 χ^2/NDF : 271070.3/32

All: 83.793+/-0.066 χ^2/NDF : 1659369.8/60

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.906 ± 0.015 χ^2/NDF : 570031.2/14

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -21.650 ± 0.017 χ^2/NDF : 122577.2/12

Left: -18.930 ± 0.011 χ^2/NDF : 736683.5/27

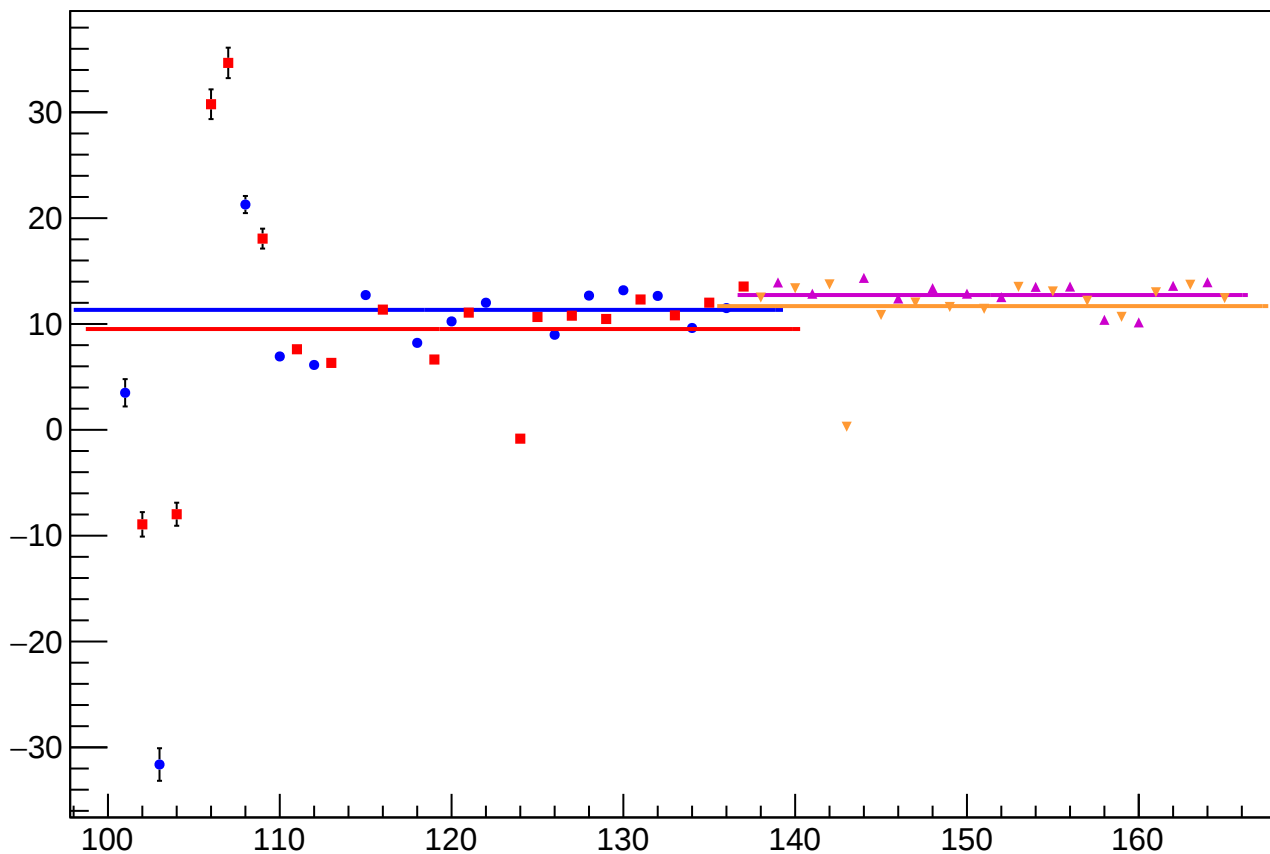
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.546 ± 0.014 χ^2/NDF : 4217141.7/27

Out: -17.689 ± 0.014 χ^2/NDF : 773942.7/32

All: -16.168 ± 0.010 χ^2/NDF : 5015544.9/60

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.690 $\pm$ 0.018 χ^2 /NDF:30195.6/14

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.736 $\pm$ 0.017 χ^2 /NDF:4905.2/12

Left: 12.256 $\pm$ 0.012 χ^2 /NDF: 36871.9/27

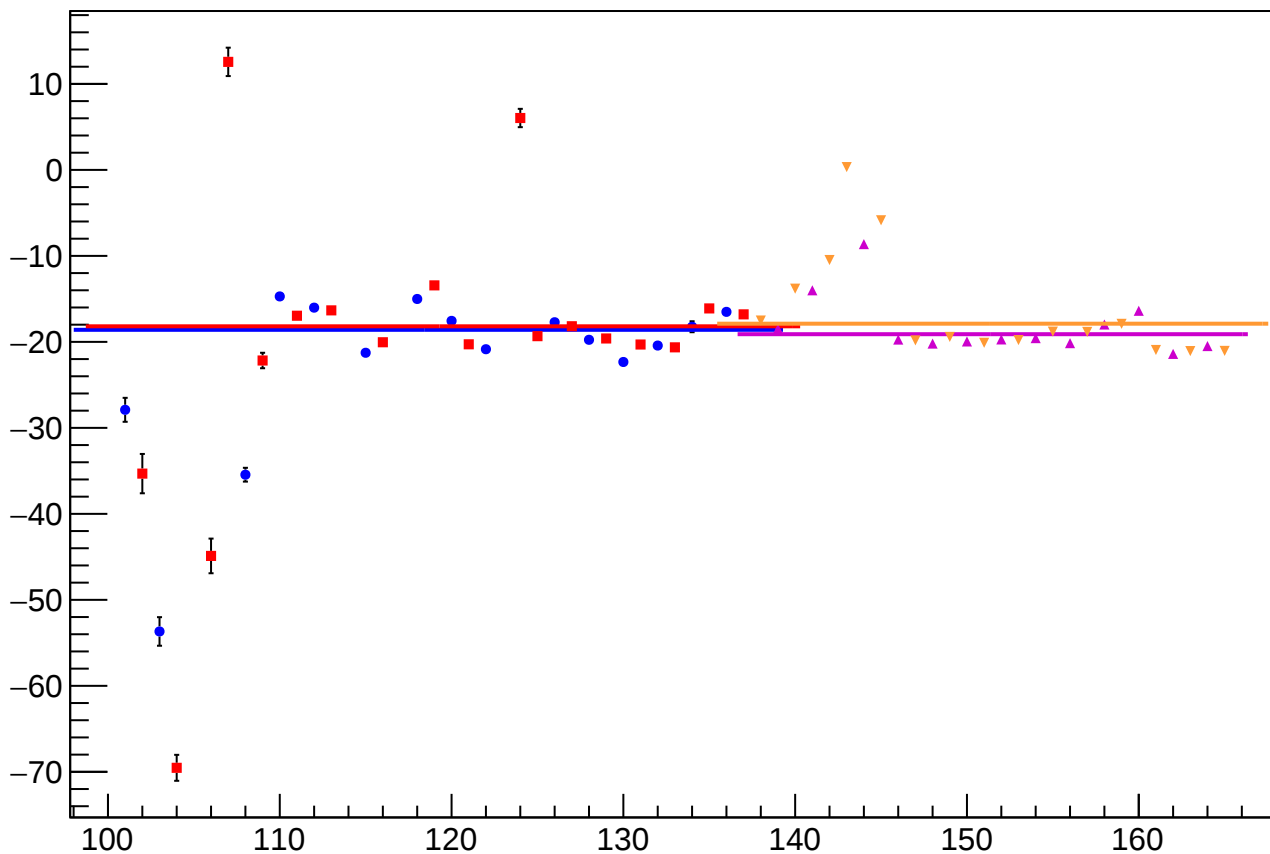
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.500 $\pm$ 0.015 χ^2 /NDF:8481.6/27

Out: 11.416 $\pm$ 0.017 χ^2 /NDF:36040.6/32

All: 12.016 $\pm$ 0.011 χ^2 /NDF: 46748.3/60

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -17.885 ± 0.021 χ^2/NDF : 47909.1/14

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.107 ± 0.020 χ^2/NDF : 8582.1/12

Left: -18.528 ± 0.014 χ^2/NDF : 58294.1/27

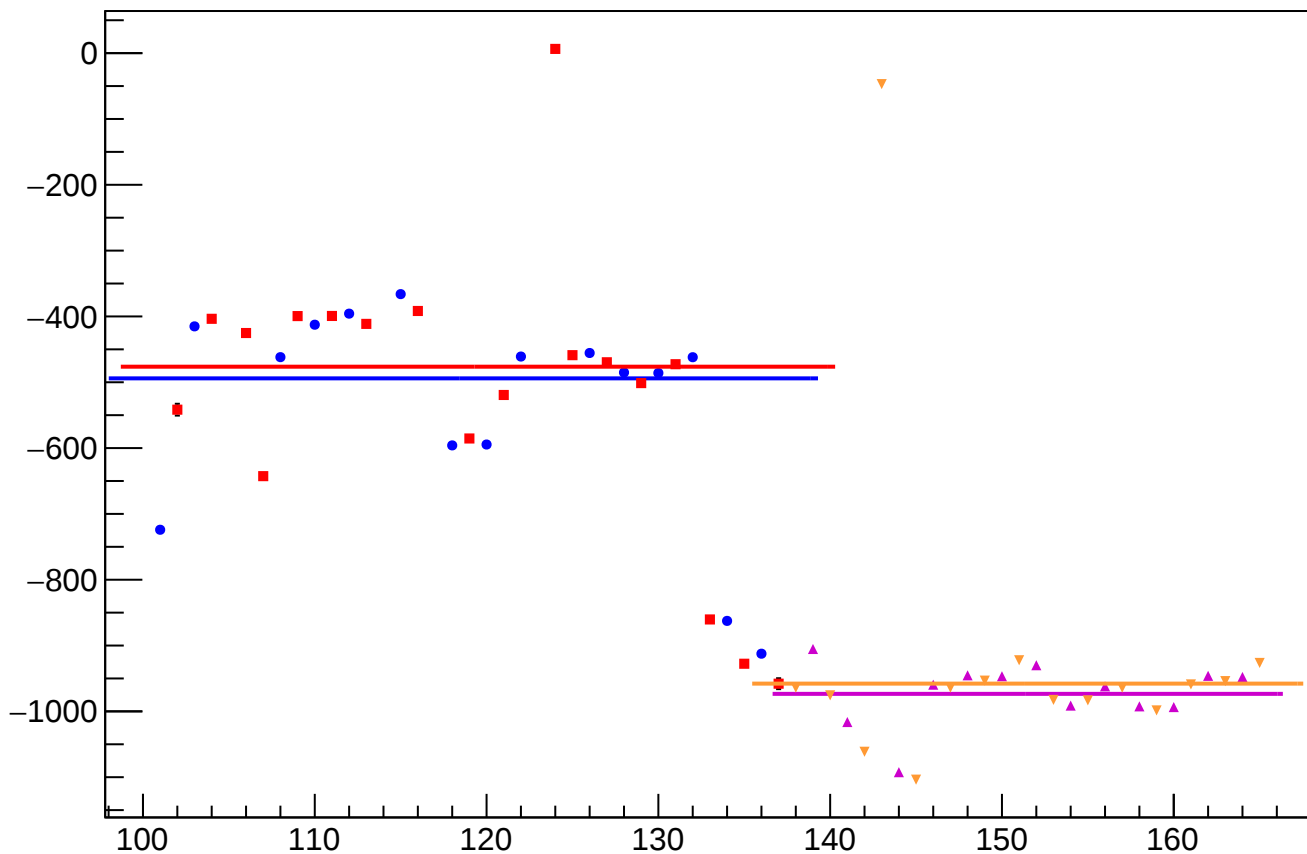
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -18.994 ± 0.017 χ^2/NDF : 14917.8/27

Out: -17.931 ± 0.019 χ^2/NDF : 52822.3/32

All: -18.513 ± 0.013 χ^2/NDF : 69413.3/60

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -957.839 ± 0.208 $\chi^2/\text{NDF}: 312780.0/14$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -973.396 ± 0.197 $\chi^2/\text{NDF}: 25288.6/12$

Left: -966.025 ± 0.143 $\chi^2/\text{NDF}: 341020.0/27$

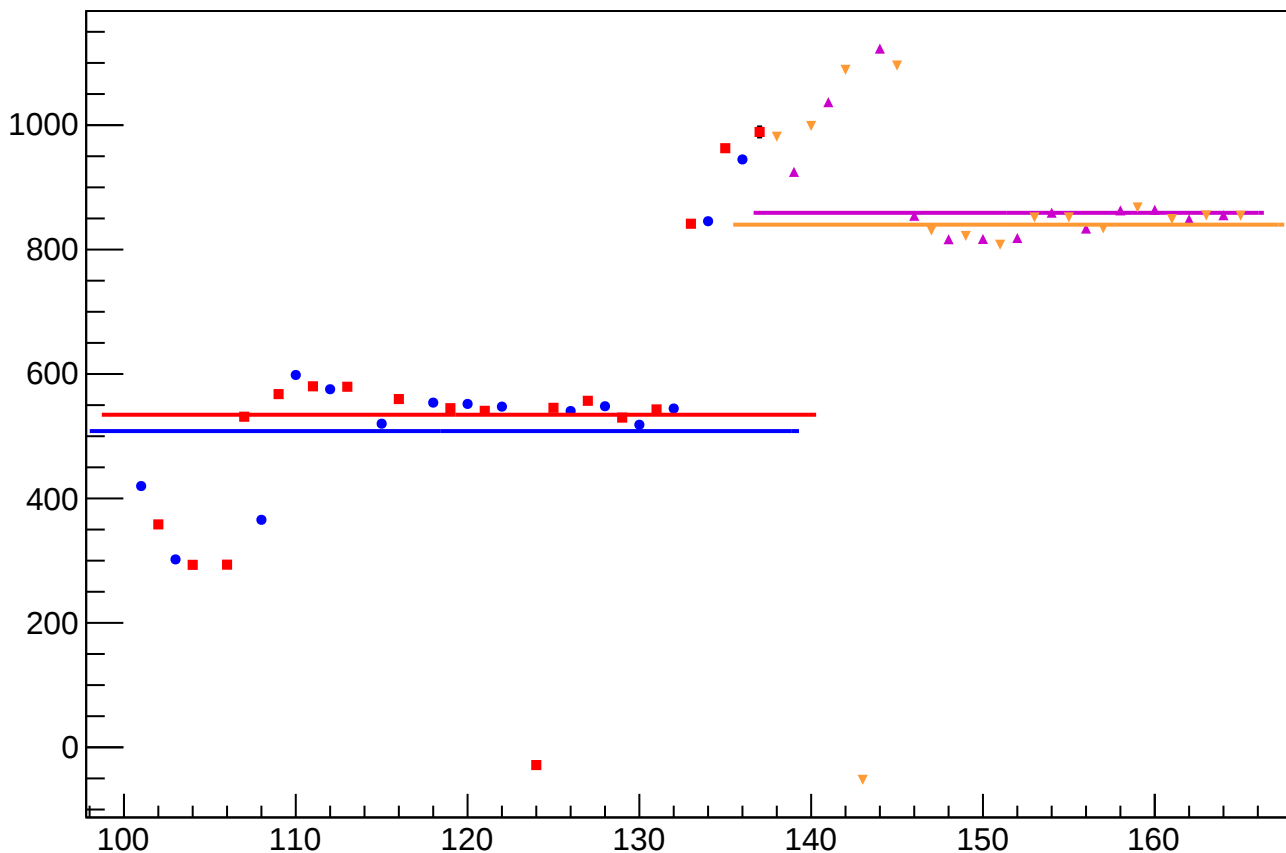
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -772.549 ± 0.150 $\chi^2/\text{NDF}: 2829008.4/27$

Out: -689.495 ± 0.138 $\chi^2/\text{NDF}: 3901389.8/32$

All: -727.562 ± 0.102 $\chi^2/\text{NDF}: 6895920.9/60$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 840.041 $\pm$ 0.164 χ^2 /NDF:414787.1/14

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 859.083 $\pm$ 0.162 χ^2 /NDF:86709.9/12

Left: 849.718 $\pm$ 0.115 χ^2 /NDF: 508324.3/27

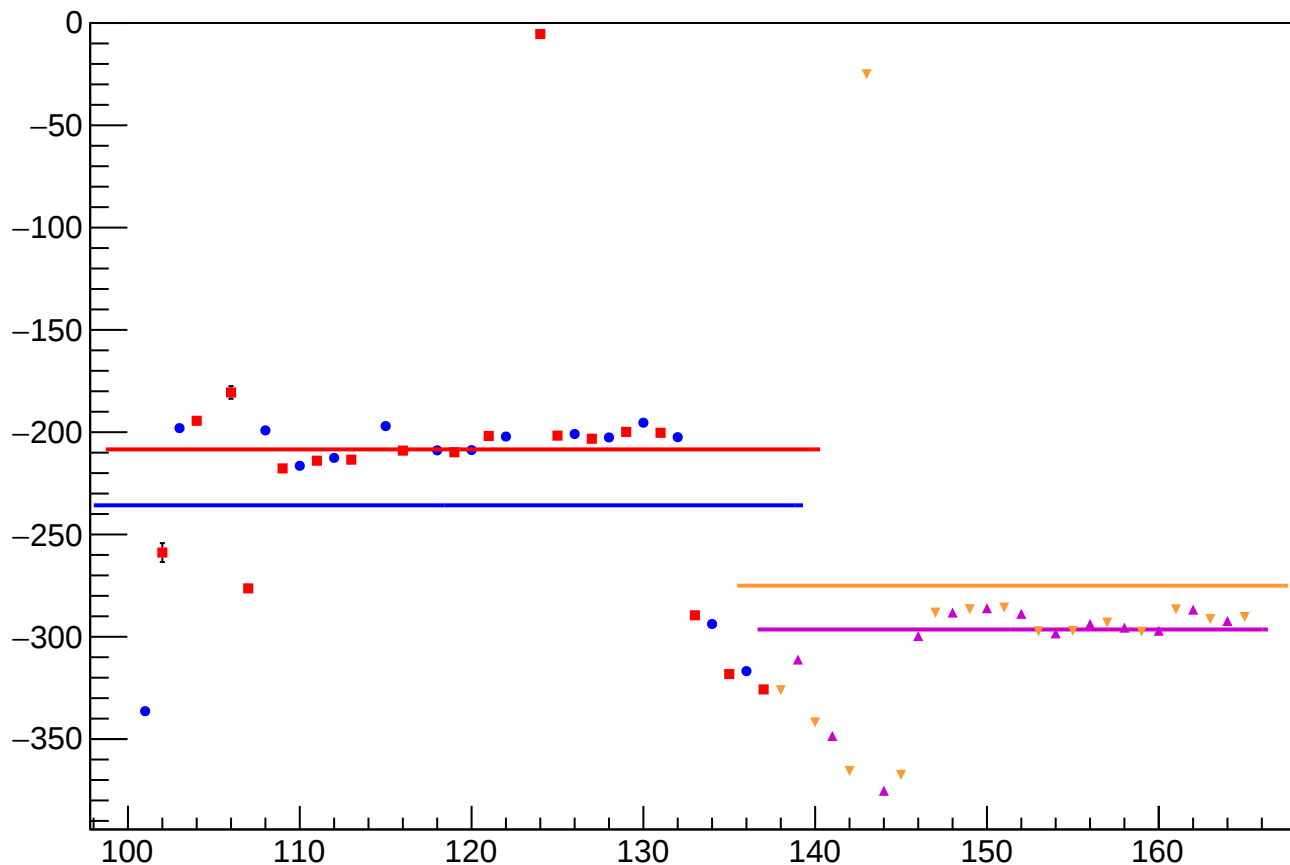
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 737.325 $\pm$ 0.131 χ^2 /NDF:2161551.1/27

Out: 728.846 $\pm$ 0.131 χ^2 /NDF:2041678.9/32

All: 733.099 $\pm$ 0.092 χ^2 /NDF: 4205330.9/60

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -275.024+/-0.027 χ^2/NDF : 6333356.6/14

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -296.437+/-0.027 χ^2/NDF : 247792.9/12

Left: -285.783+/-0.019 χ^2/NDF : 6887161.4/27

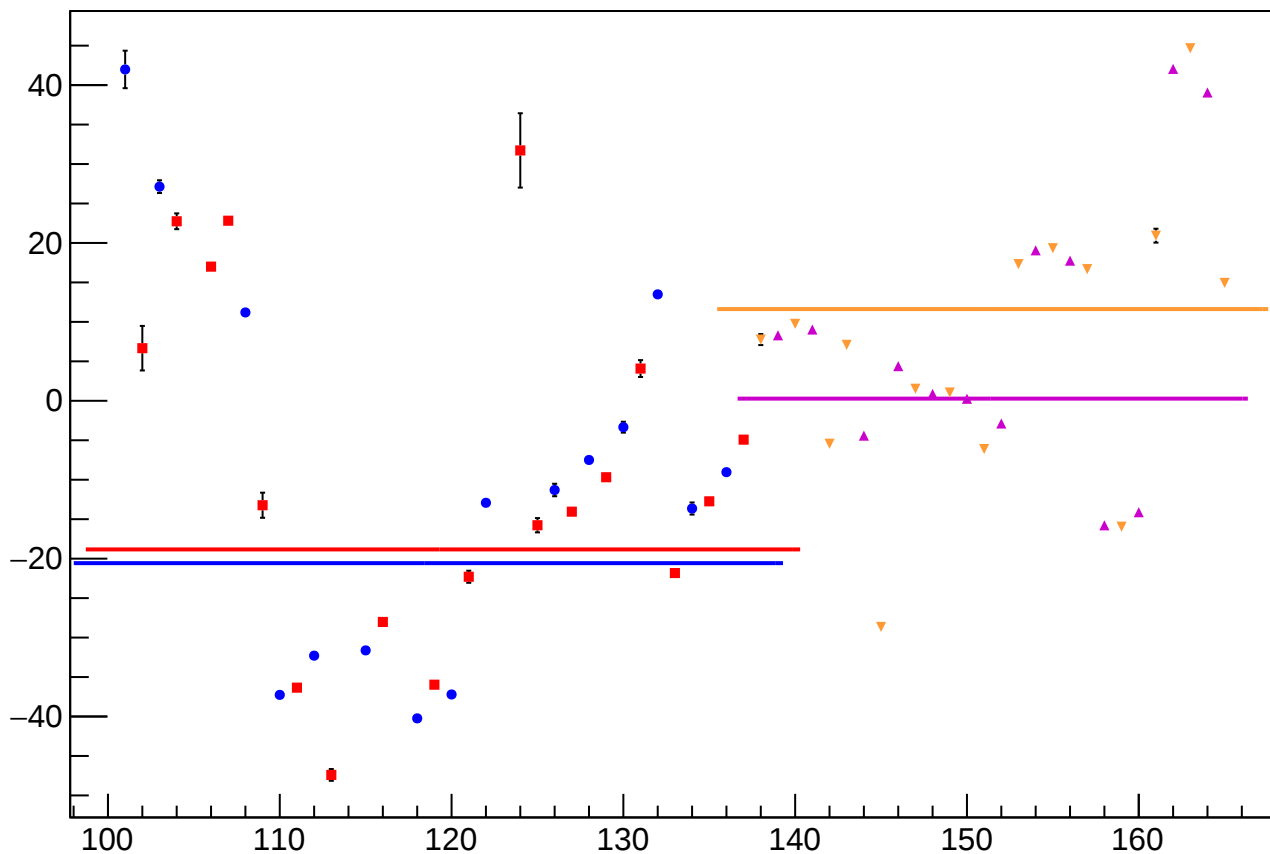
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -284.515+/-0.024 χ^2/NDF : 2094497.4/27

Out: -257.956+/-0.024 χ^2/NDF : 8218672.8/32

All: -270.787+/-0.017 χ^2/NDF : 10921824.8/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 11.622 ± 0.029 χ^2/NDF : 429469.2/14

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 0.276 ± 0.023 χ^2/NDF : 578807.1/12

Left: 4.756 ± 0.018 χ^2/NDF : 1103409.8/27

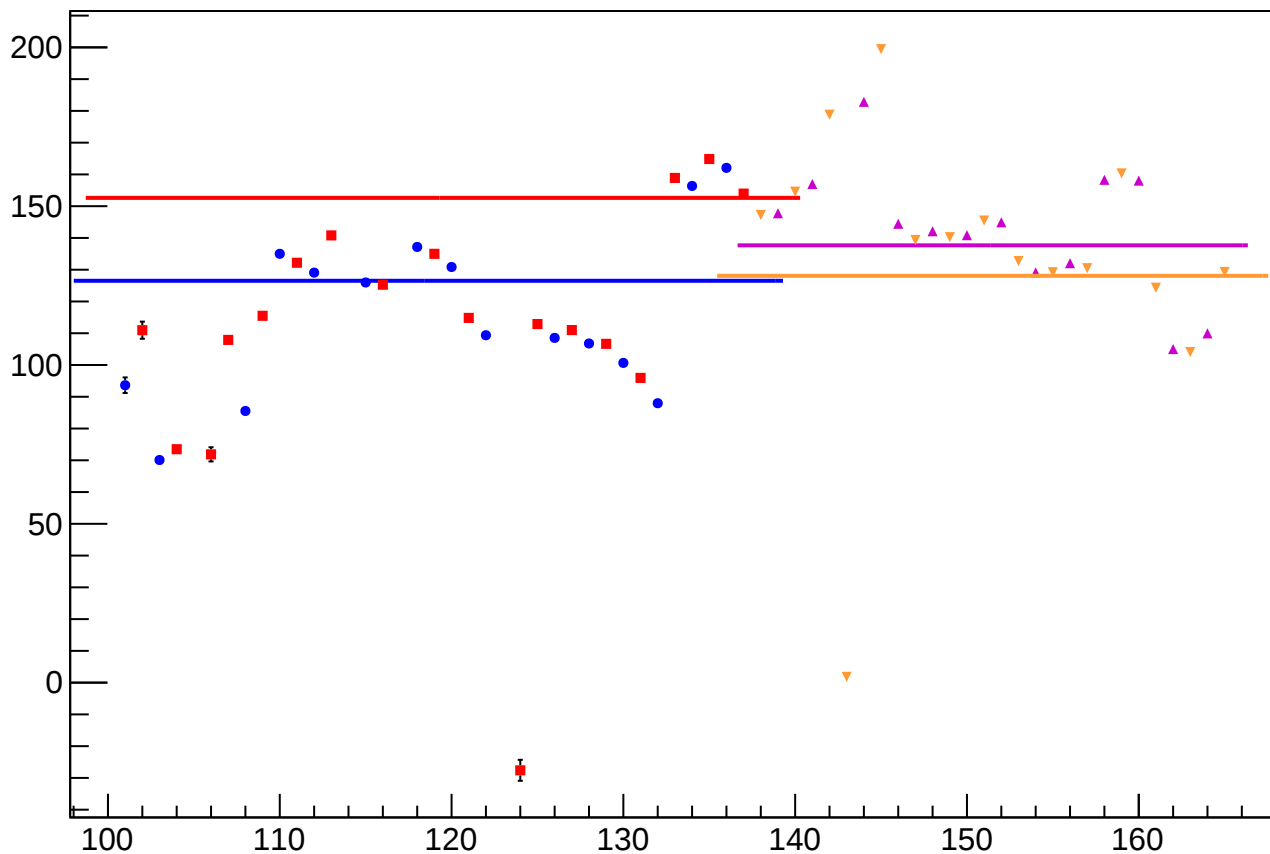
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -1.704 ± 0.022 χ^2/NDF : 719483.2/27

Out: 9.624 ± 0.028 χ^2/NDF : 524606.2/32

All: 2.682 ± 0.017 χ^2/NDF : 1346871.9/60

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 128.082 $\pm$ 0.035 χ^2 /NDF:602062.7/14

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.676 $\pm$ 0.030 χ^2 /NDF:351797.8/12

Left: 133.593 $\pm$ 0.023 χ^2 /NDF: 996672.7/27

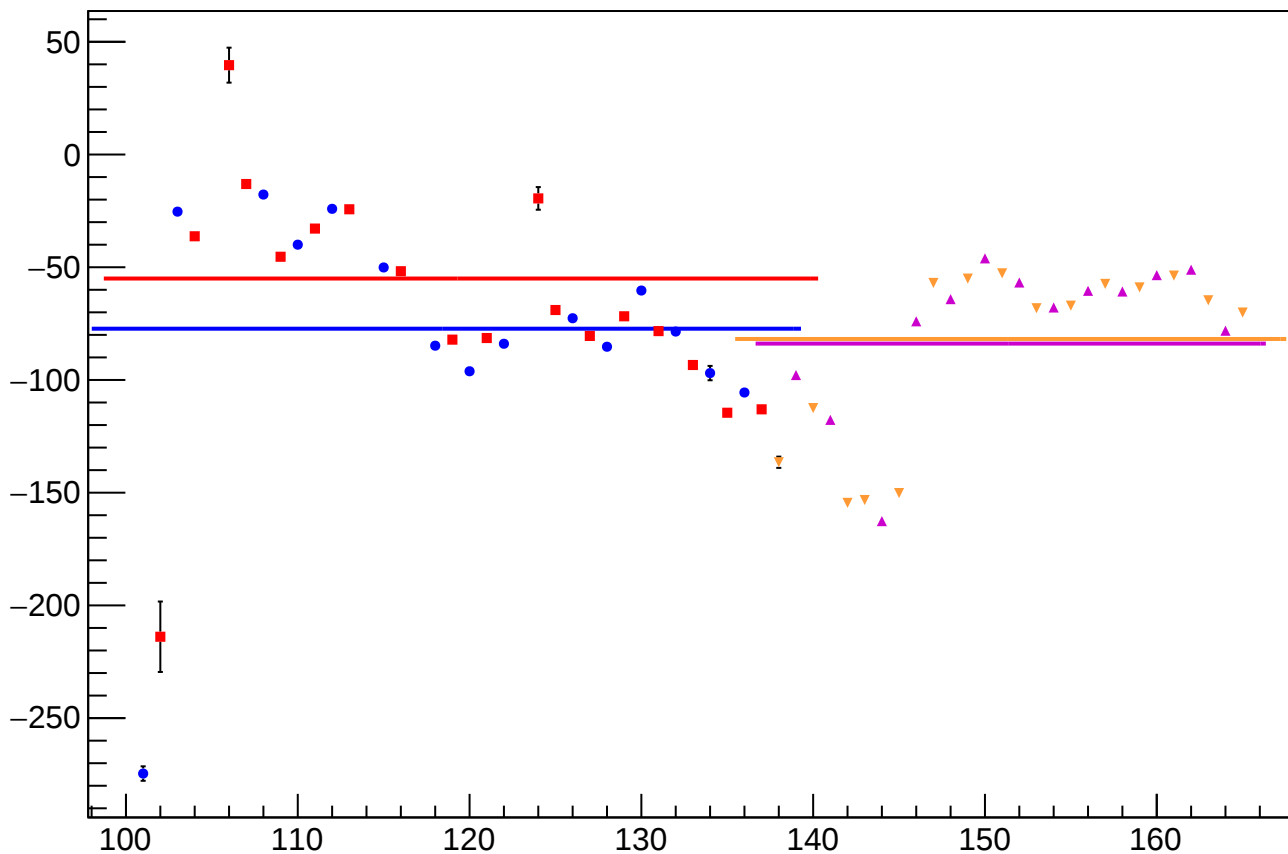
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.395 $\pm$ 0.028 χ^2 /NDF:482387.4/27

Out: 142.136 $\pm$ 0.023 χ^2 /NDF:955326.8/32

All: 139.872 $\pm$ 0.018 χ^2 /NDF: 1462357.2/60

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -81.818 ± 0.152 χ^2/NDF : 56871.0/14

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -83.871 ± 0.152 χ^2/NDF : 57243.1/12

Left: -82.841 ± 0.108 χ^2/NDF : 114205.1/27

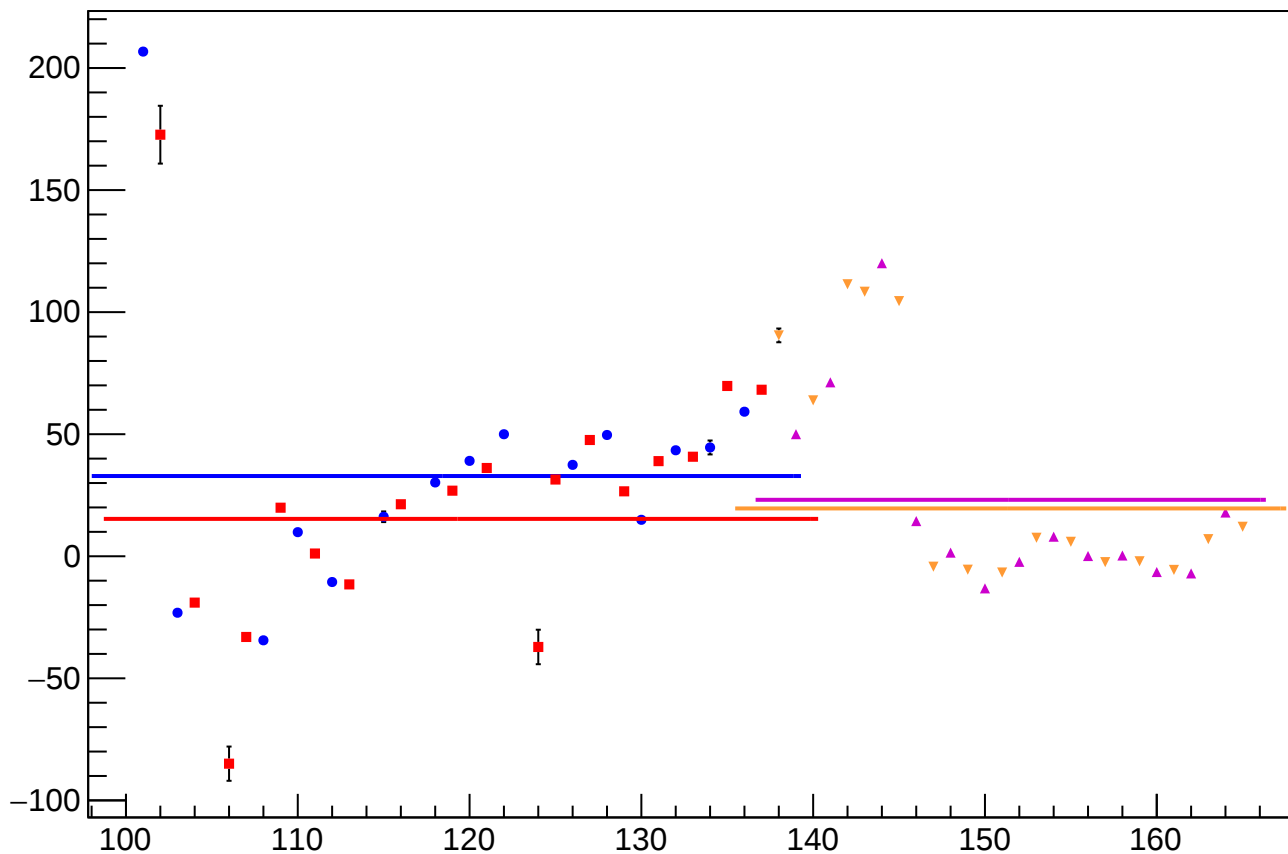
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.434 ± 0.106 χ^2/NDF : 88577.3/27

Out: -71.380 ± 0.119 χ^2/NDF : 92629.0/32

All: -76.434 ± 0.079 χ^2/NDF : 184453.5/60

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 χ^2/NDF : 31393.7/14

Left Out: 19.588 ± 0.131 χ^2/NDF : 89014.6/14

Right Out: 15.309 ± 0.210 χ^2/NDF : 16746.0/17

Left In: 23.127 ± 0.134 χ^2/NDF : 86387.9/12

Left: 21.322 ± 0.094 χ^2/NDF : 175758.1/27

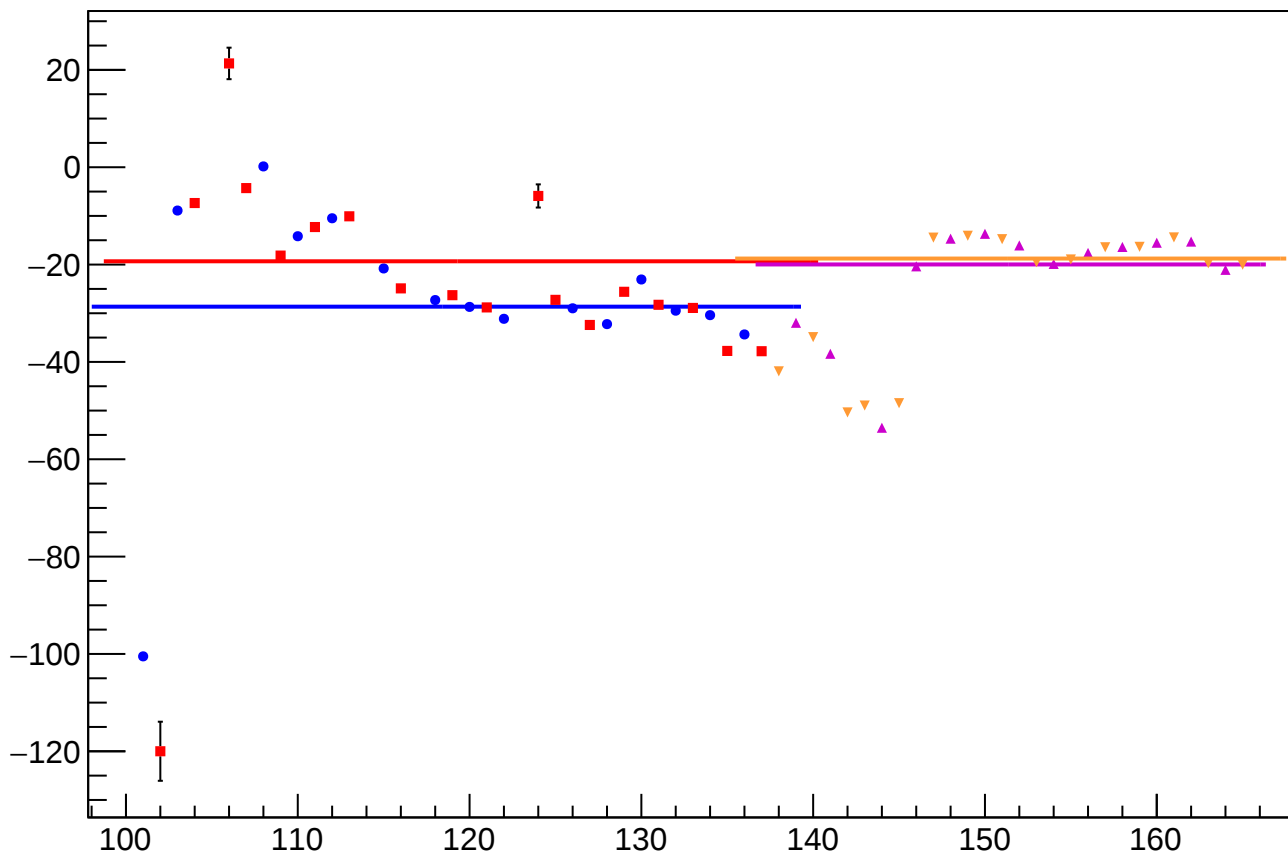
Right: 27.134 ± 0.120 χ^2/NDF : 52862.9/32

In: 27.583 ± 0.099 χ^2/NDF : 120196.6/27

Out: 18.382 ± 0.111 χ^2/NDF : 106059.7/32

All: 23.531 ± 0.074 χ^2/NDF : 230079.5/60

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.762 ± 0.017 $\chi^2/\text{NDF}: 223218.8/14$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.974 ± 0.018 $\chi^2/\text{NDF}: 193140.8/12$

Left: -19.345 ± 0.012 $\chi^2/\text{NDF}: 418799.3/27$

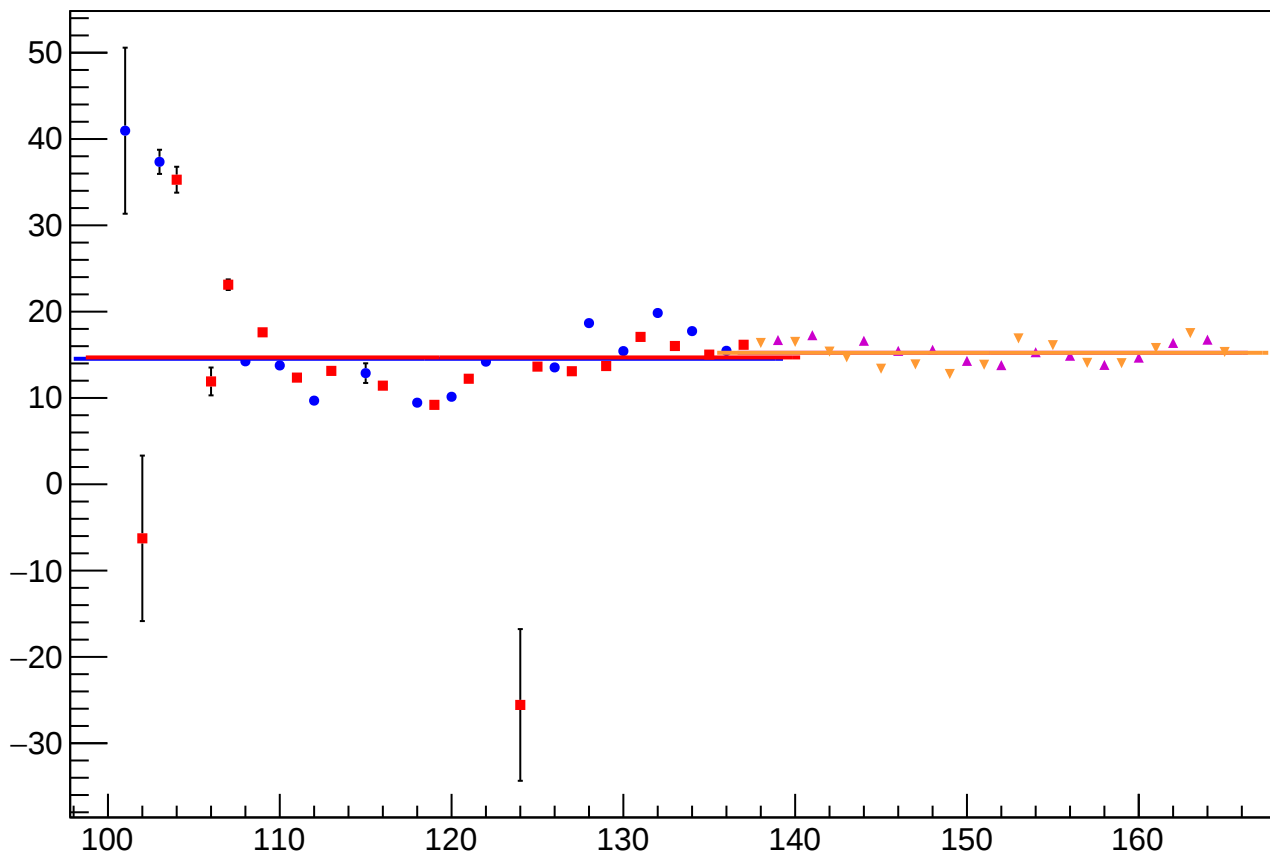
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.796 ± 0.016 $\chi^2/\text{NDF}: 357200.1/27$

Out: -18.851 ± 0.016 $\chi^2/\text{NDF}: 279969.8/32$

All: -20.314 ± 0.011 $\chi^2/\text{NDF}: 654862.1/60$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.233+/-0.017 χ^2/NDF : 6301.8/14

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.232+/-0.017 χ^2/NDF : 4115.1/12

Left: 15.232+/-0.012 χ^2/NDF : 10416.9/27

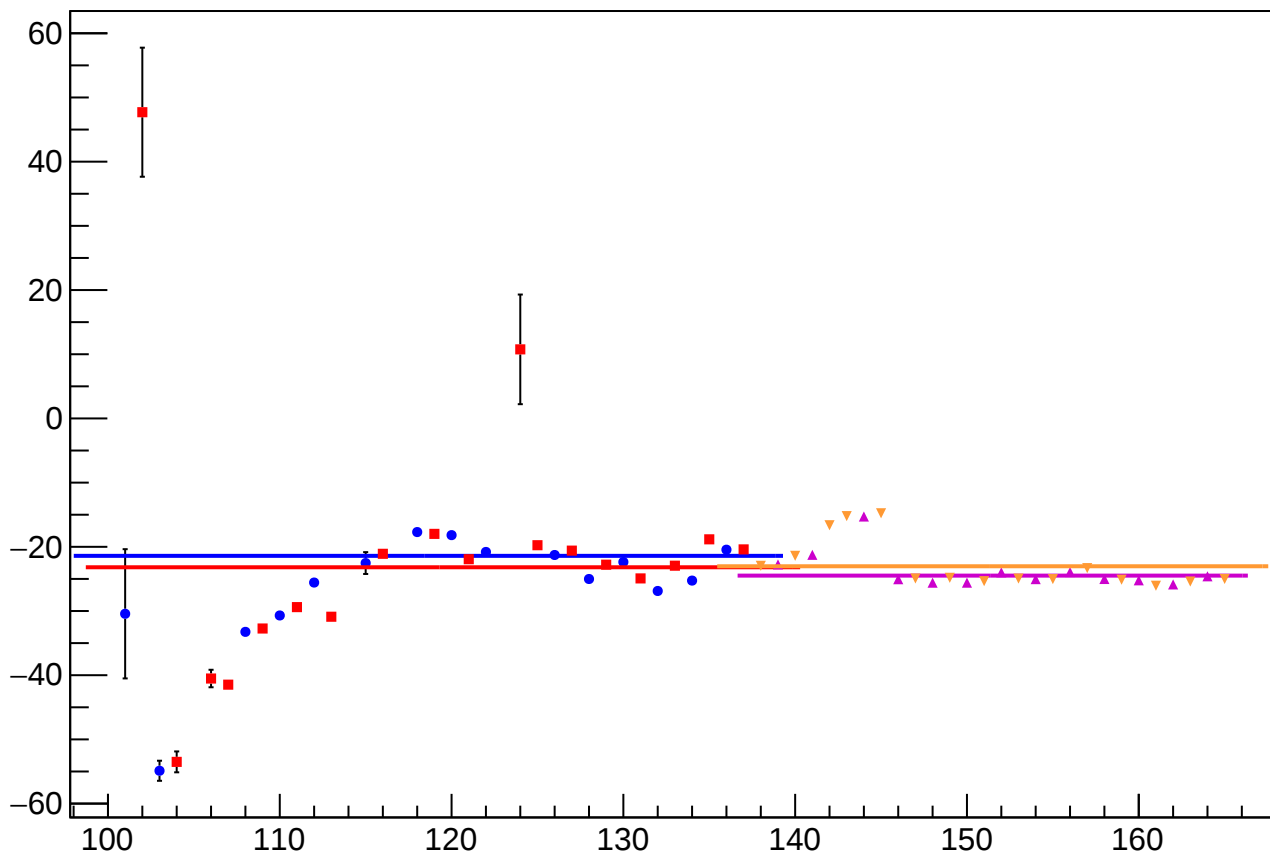
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.062+/-0.015 χ^2/NDF : 16594.9/27

Out: 15.162+/-0.016 χ^2/NDF : 8067.3/32

All: 15.108+/-0.011 χ^2/NDF : 24683.3/60

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.029 ± 0.021 $\chi^2/\text{NDF}: 29625.5/14$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.485 ± 0.020 $\chi^2/\text{NDF}: 7867.2/12$

Left: -23.813 ± 0.015 $\chi^2/\text{NDF}: 39989.3/27$

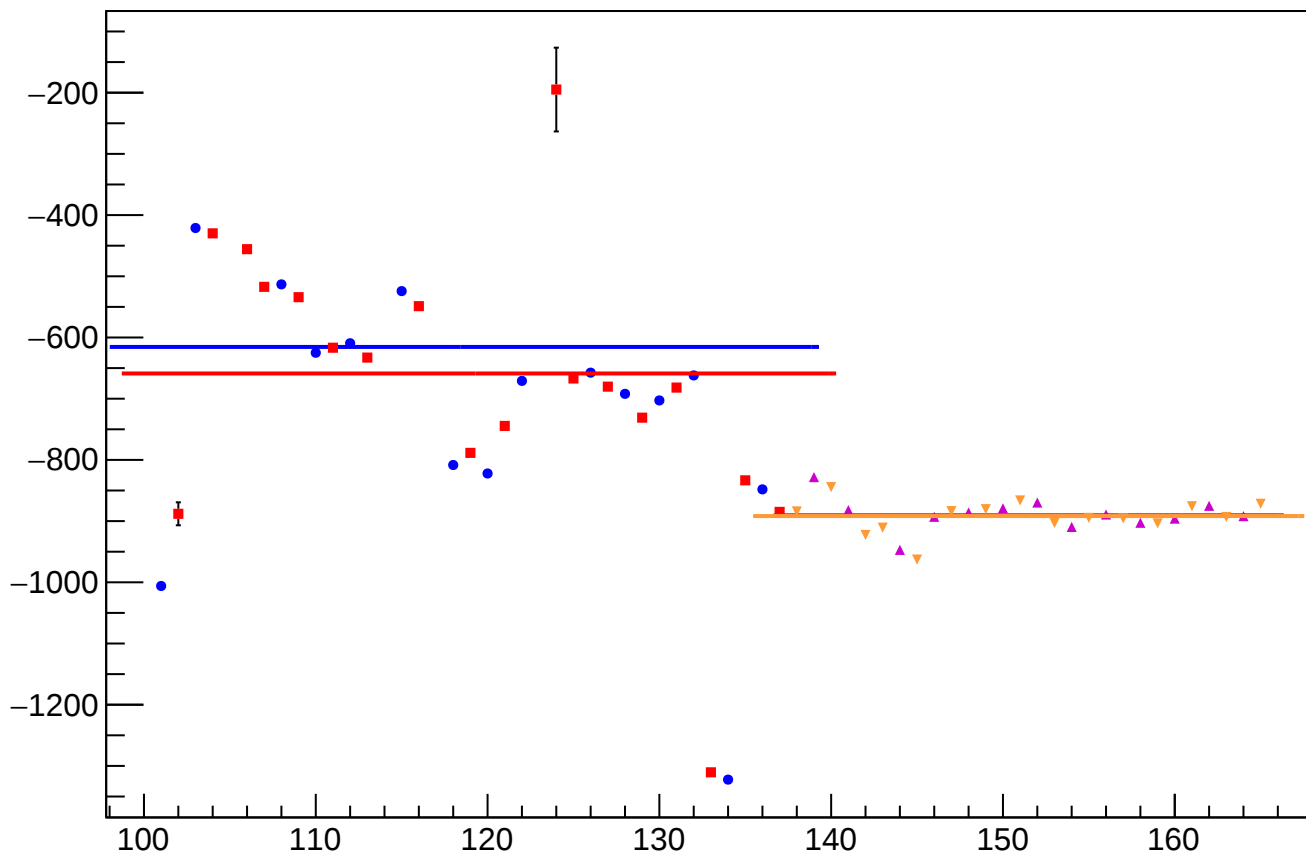
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.757 ± 0.017 $\chi^2/\text{NDF}: 23275.5/27$

Out: -23.053 ± 0.020 $\chi^2/\text{NDF}: 38760.4/32$

All: -23.451 ± 0.013 $\chi^2/\text{NDF}: 62756.9/60$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -891.766+/-0.170 χ^2/NDF : 12772.3/14

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -890.437+/-0.151 χ^2/NDF : 14036.5/12

Left: -891.021+/-0.113 χ^2/NDF : 26843.0/27

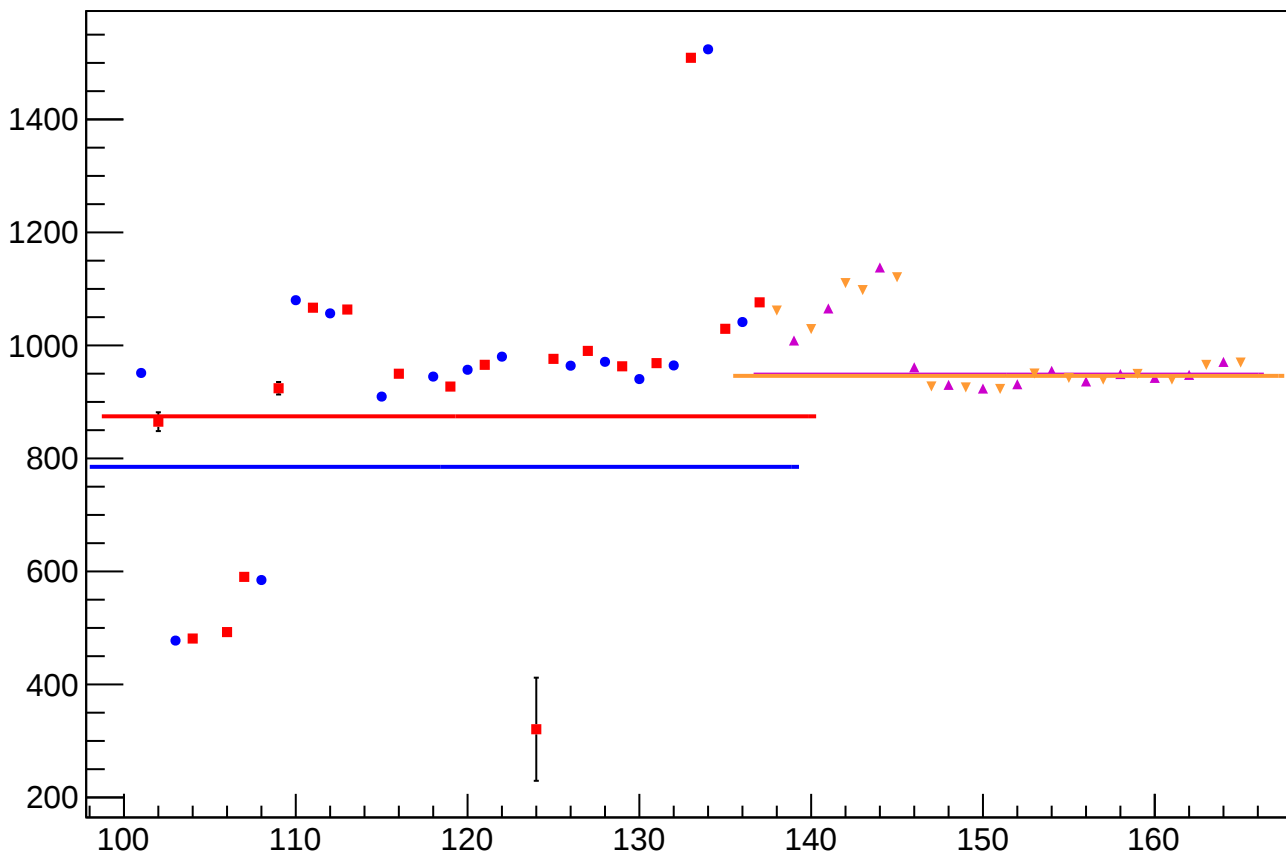
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -811.627+/-0.127 χ^2/NDF : 1352675.4/27

Out: -820.578+/-0.142 χ^2/NDF : 971869.2/32

All: -815.622+/-0.095 χ^2/NDF : 2326755.1/60

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 946.131+/-0.137 χ^2/NDF : 69998.2/14

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 948.313+/-0.124 χ^2/NDF : 74898.0/12

Left: 947.337+/-0.092 χ^2/NDF : 145035.8/27

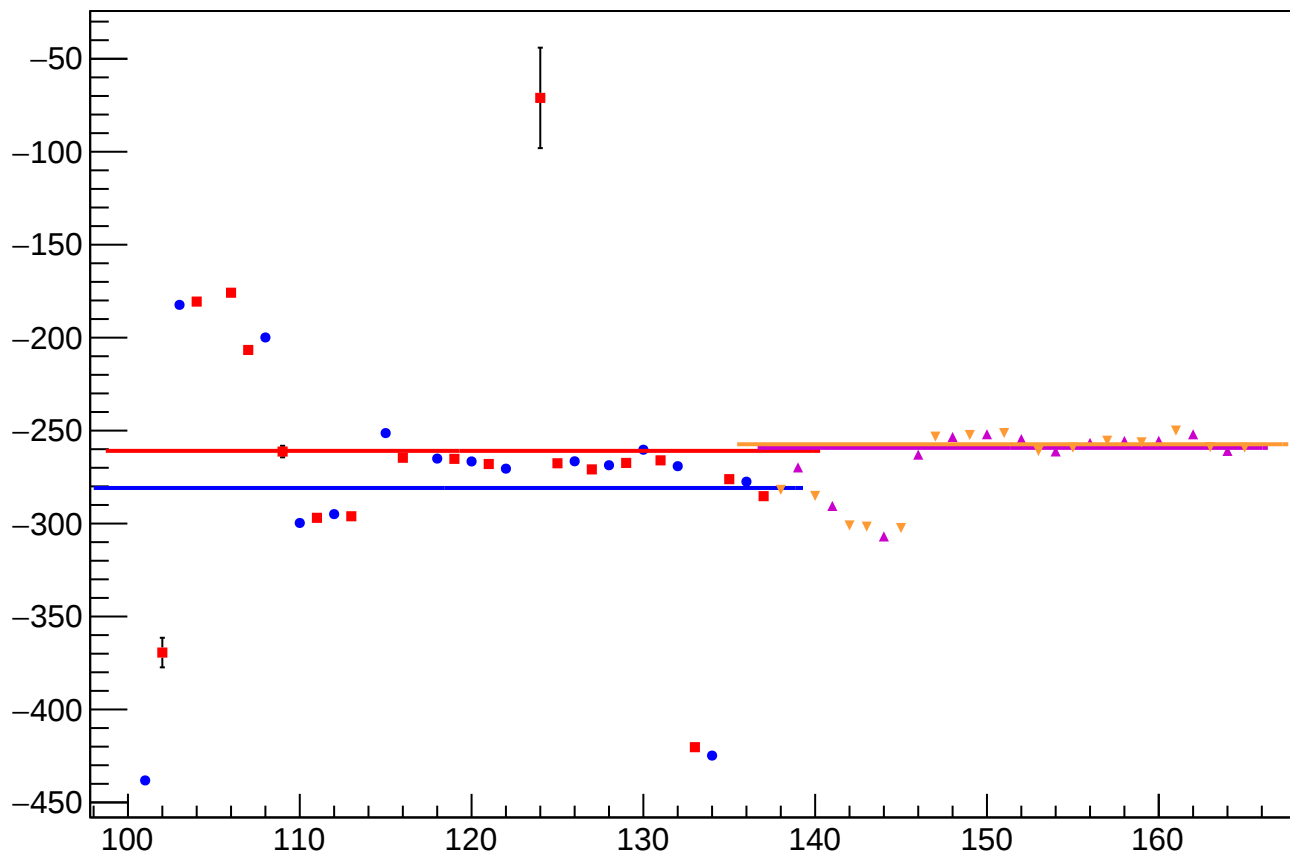
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 911.290+/-0.109 χ^2/NDF : 1357135.1/27

Out: 930.631+/-0.122 χ^2/NDF : 971439.6/32

All: 919.877+/-0.081 χ^2/NDF : 2342654.6/60

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.342 ± 0.023 $\chi^2/\text{NDF}: 168142.5/14$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.284 ± 0.022 $\chi^2/\text{NDF}: 186786.5/12$

Left: -258.347 ± 0.016 $\chi^2/\text{NDF}: 358712.6/27$

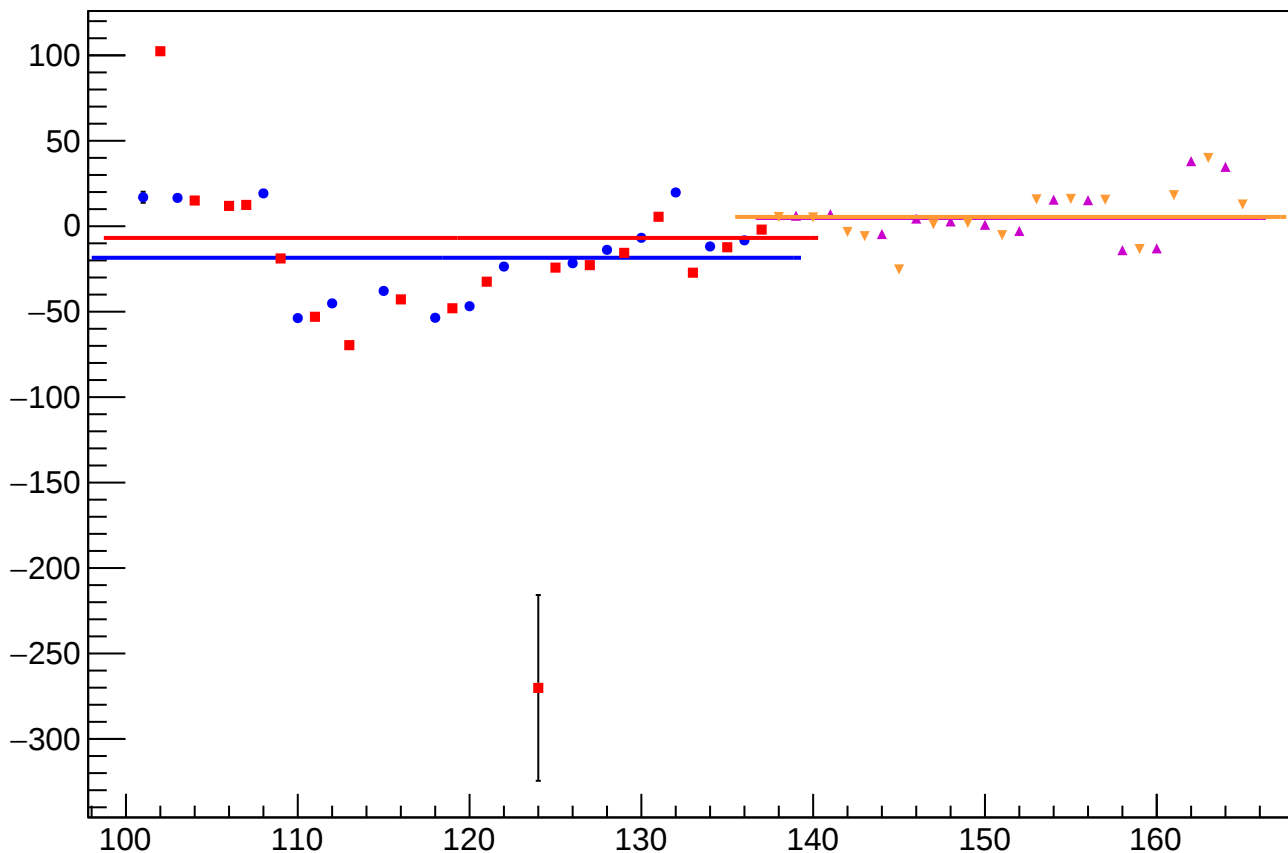
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.941 ± 0.021 $\chi^2/\text{NDF}: 1179492.1/27$

Out: -257.703 ± 0.022 $\chi^2/\text{NDF}: 518347.4/32$

All: -259.921 ± 0.015 $\chi^2/\text{NDF}: 1718133.2/60$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 5.448 ± 0.027 $\chi^2/\text{NDF}: 321654.0/14$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 4.857 ± 0.023 $\chi^2/\text{NDF}: 392566.1/12$

Left: 5.106 ± 0.017 $\chi^2/\text{NDF}: 714504.1/27$

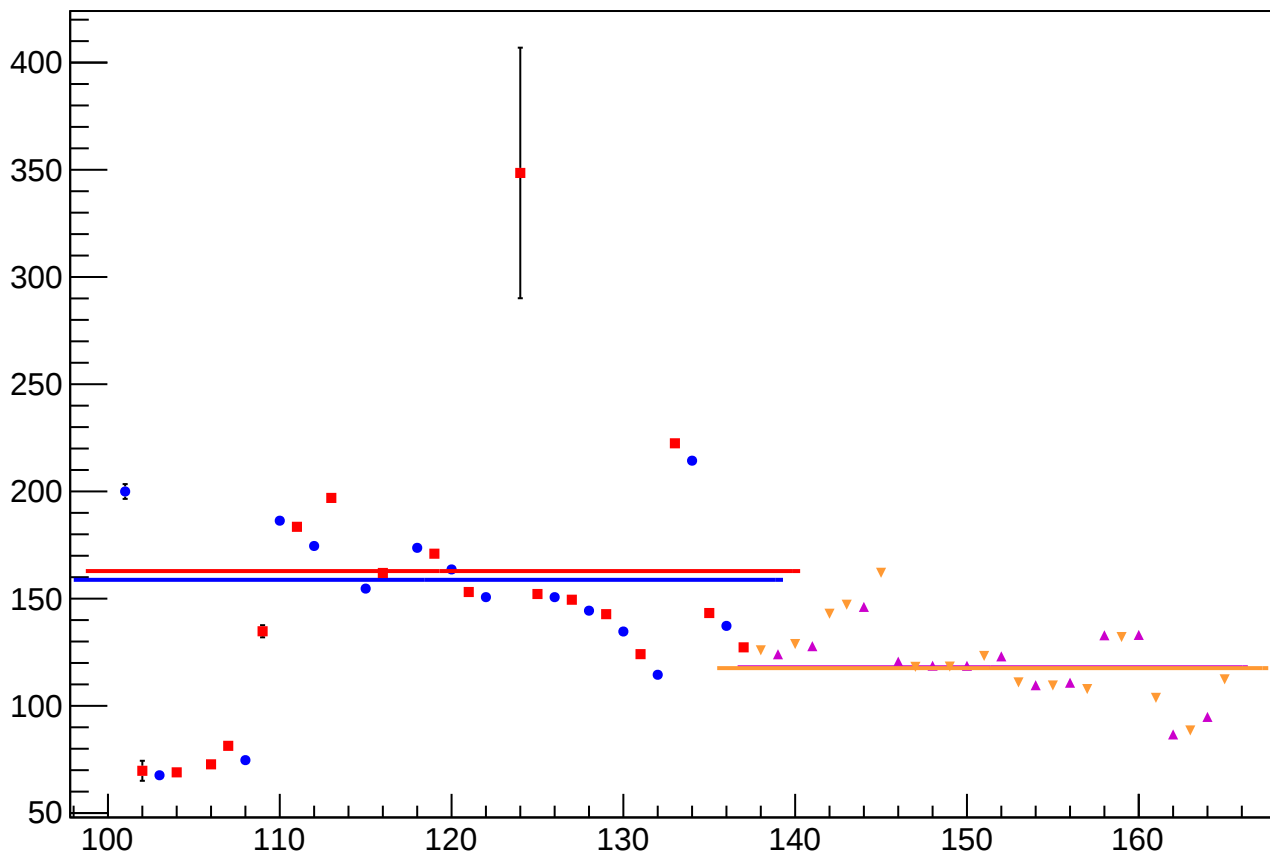
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 3.493 ± 0.022 $\chi^2/\text{NDF}: 500542.8/27$

Out: 3.657 ± 0.025 $\chi^2/\text{NDF}: 402627.9/32$

All: 3.566 ± 0.016 $\chi^2/\text{NDF}: 903195.4/60$

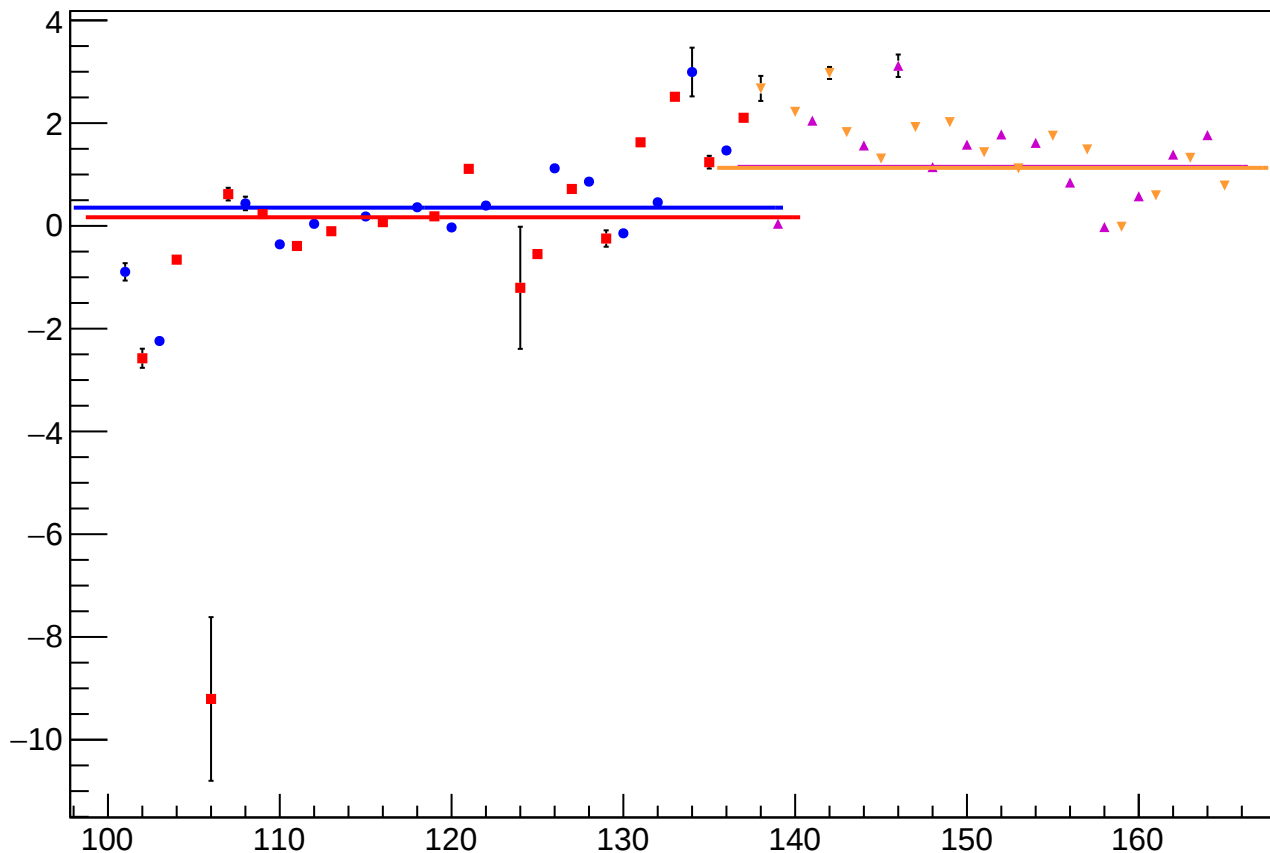
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 117.591 $\pm$ 0.031 χ^2 /NDF: 187637.2/14
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 118.010 $\pm$ 0.028 χ^2 /NDF: 258007.1/12

Left: 117.824 $\pm$ 0.021 χ^2 /NDF: 445744.8/27
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 121.695 $\pm$ 0.027 χ^2 /NDF: 610821.2/27
 Out: 122.115 $\pm$ 0.029 χ^2 /NDF: 555814.9/32
 All: 121.883 $\pm$ 0.020 χ^2 /NDF: 1166748.0/60

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2 /NDF: 4011.3/14

Left Out: 1.130 $\pm$ 0.012 χ^2 /NDF:4803.4/14

Right Out: 0.168 $\pm$ 0.008 χ^2 /NDF: 4588.1/17

Left In: 1.149 $\pm$ 0.009 χ^2 /NDF:6335.1/12

Left: 1.142 $\pm$ 0.007 χ^2 /NDF: 11140.3/27

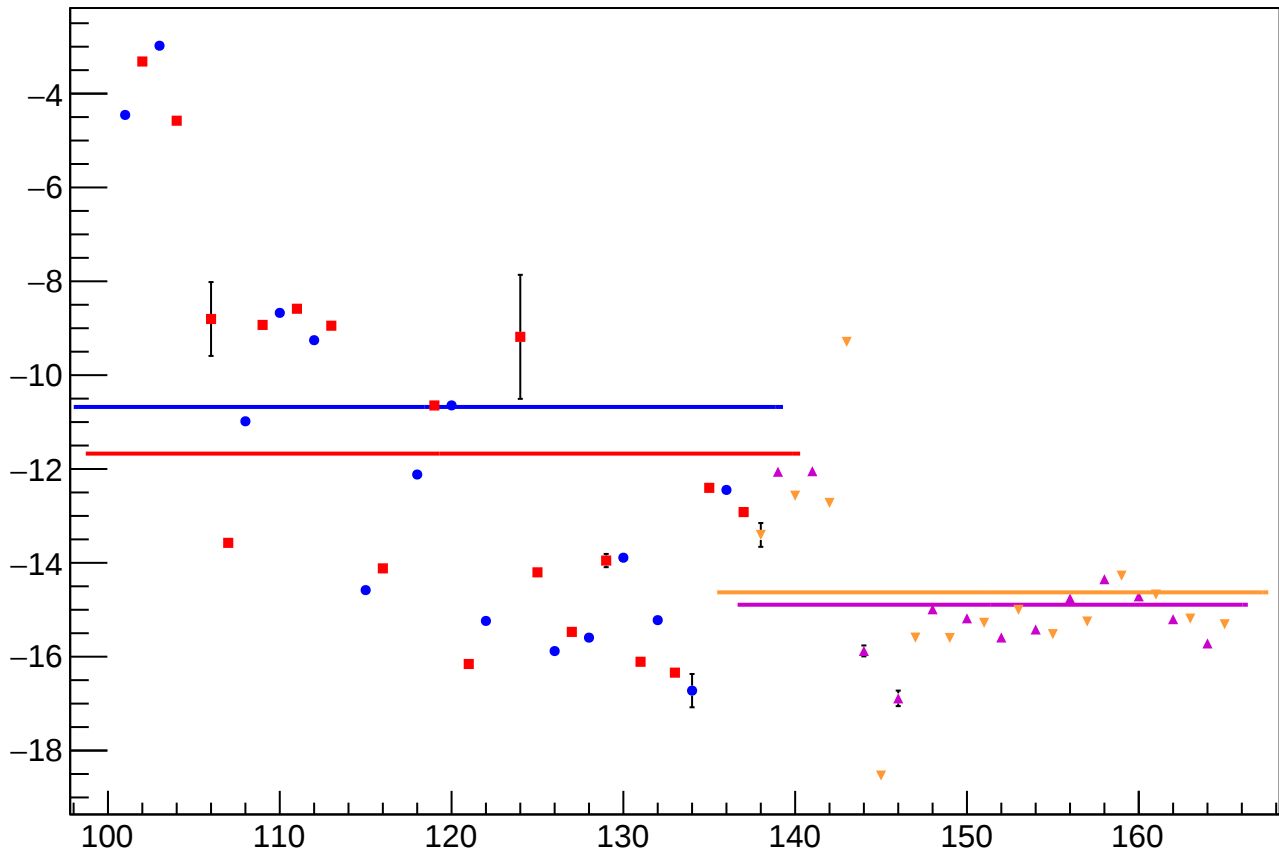
Right: 0.223 $\pm$ 0.006 χ^2 /NDF: 8777.2/32

In: 0.867 $\pm$ 0.007 χ^2 /NDF:13288.9/27

Out: 0.456 $\pm$ 0.006 χ^2 /NDF:14141.8/32

All: 0.643 $\pm$ 0.005 χ^2 /NDF: 29310.0/60

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.629 ± 0.010 $\chi^2/\text{NDF}: 29631.1/14$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.893 ± 0.008 $\chi^2/\text{NDF}: 11820.3/12$

Left: -14.788 ± 0.006 $\chi^2/\text{NDF}: 41905.4/27$

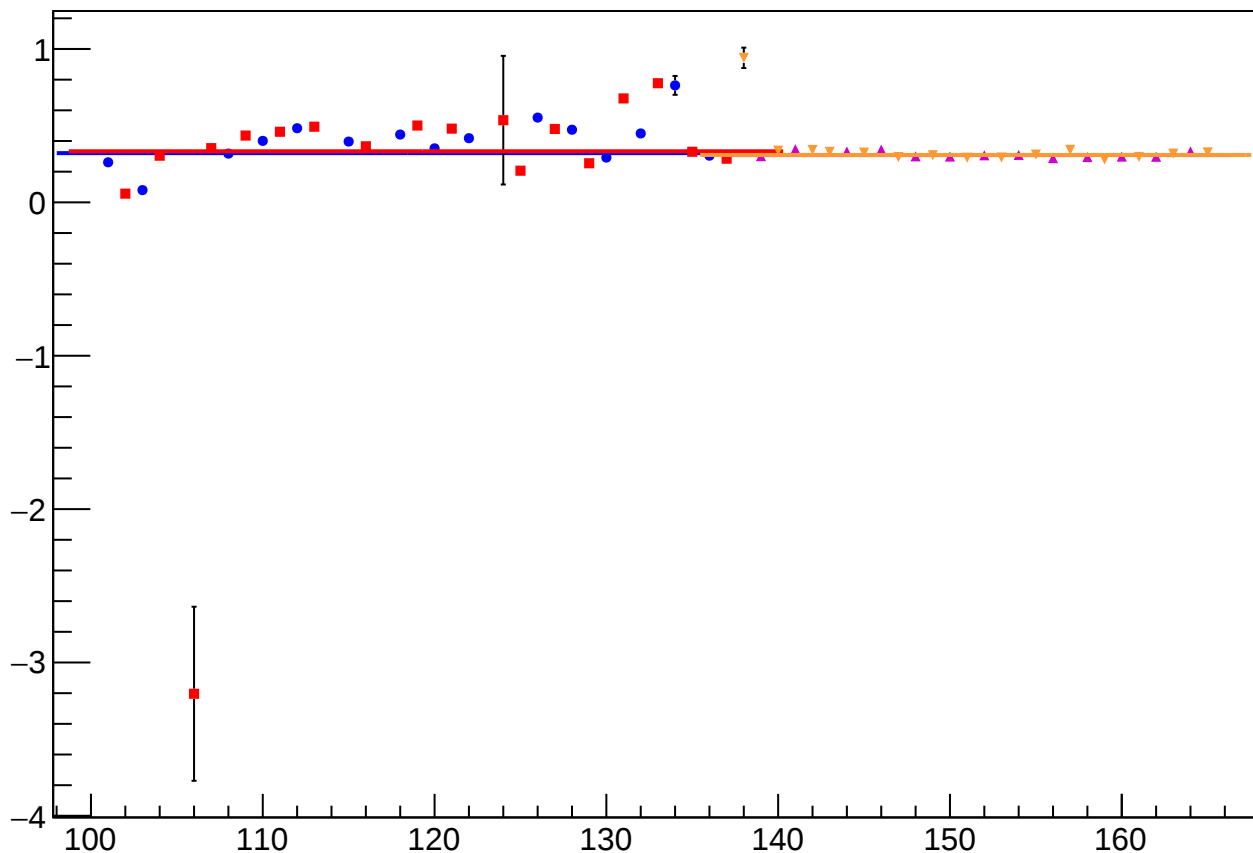
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.357 ± 0.006 $\chi^2/\text{NDF}: 345501.9/27$

Out: -13.427 ± 0.007 $\chi^2/\text{NDF}: 175770.7/32$

All: -13.386 ± 0.005 $\chi^2/\text{NDF}: 521325.3/60$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.309+/-0.000 χ^2/NDF :3968.8/14

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF :2343.3/12

Left: 0.309+/-0.000 χ^2/NDF : 6314.3/27

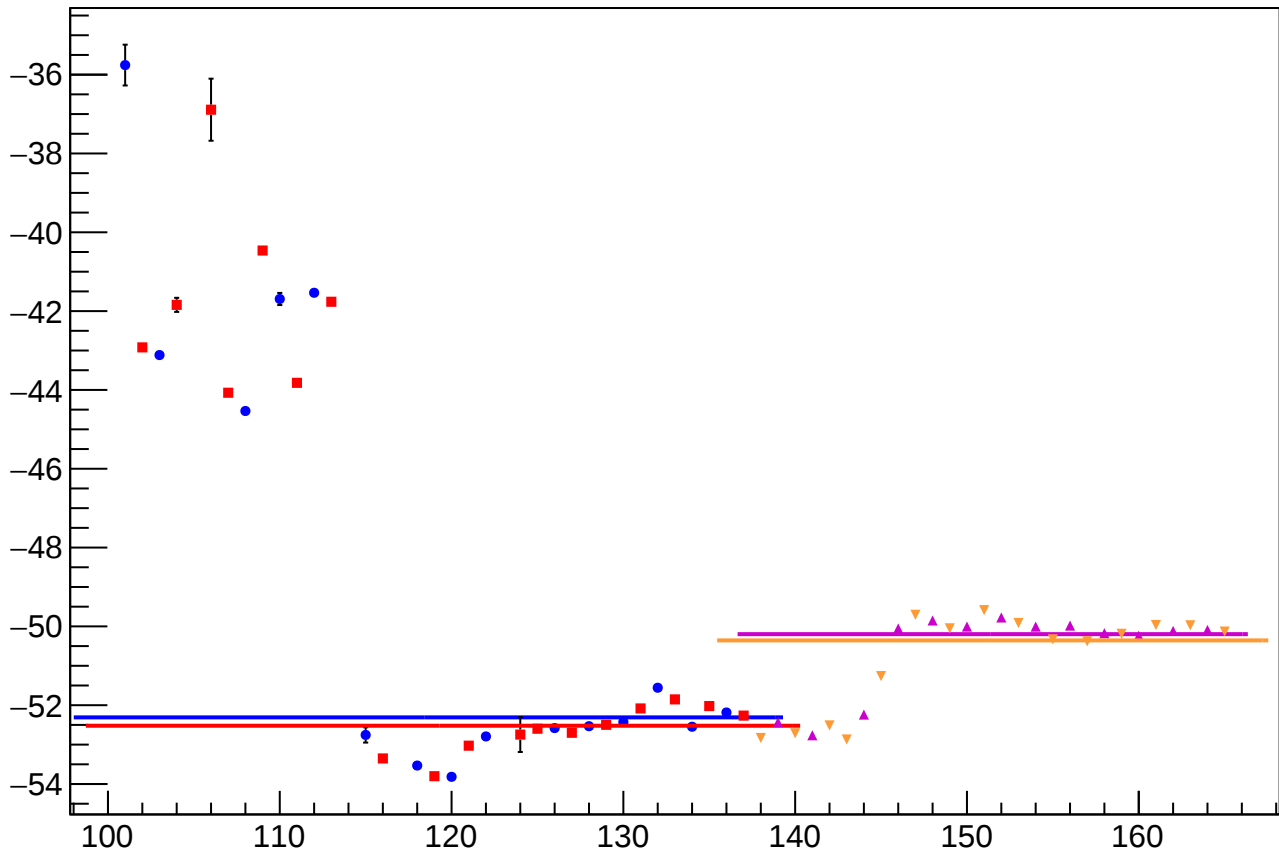
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF :6522.5/27

Out: 0.310+/-0.000 χ^2/NDF :8485.2/32

All: 0.310+/-0.000 χ^2/NDF : 15011.9/60

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.356 ± 0.002 χ^2/NDF : 225870.0/14

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.197 ± 0.002 χ^2/NDF : 155344.9/12

Left: -50.259 ± 0.001 χ^2/NDF : 385147.3/27

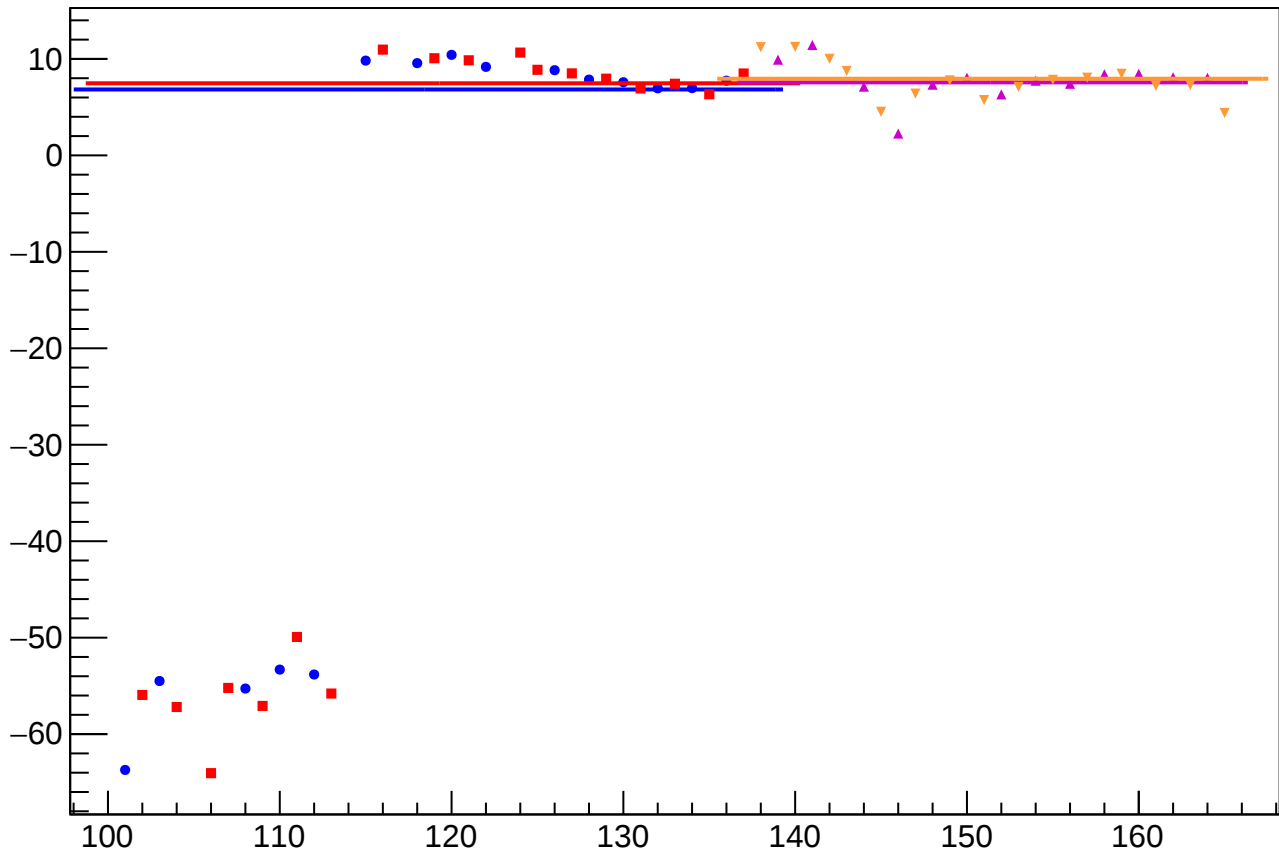
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.437 ± 0.001 χ^2/NDF : 411747.7/27

Out: -50.692 ± 0.002 χ^2/NDF : 489193.1/32

All: -50.540 ± 0.001 χ^2/NDF : 912749.8/60

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.946 ± 0.005 $\chi^2/\text{NDF}: 80444.0/14$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.569 ± 0.004 $\chi^2/\text{NDF}: 100034.5/12$

Left: 7.719 ± 0.003 $\chi^2/\text{NDF}: 184592.2/27$

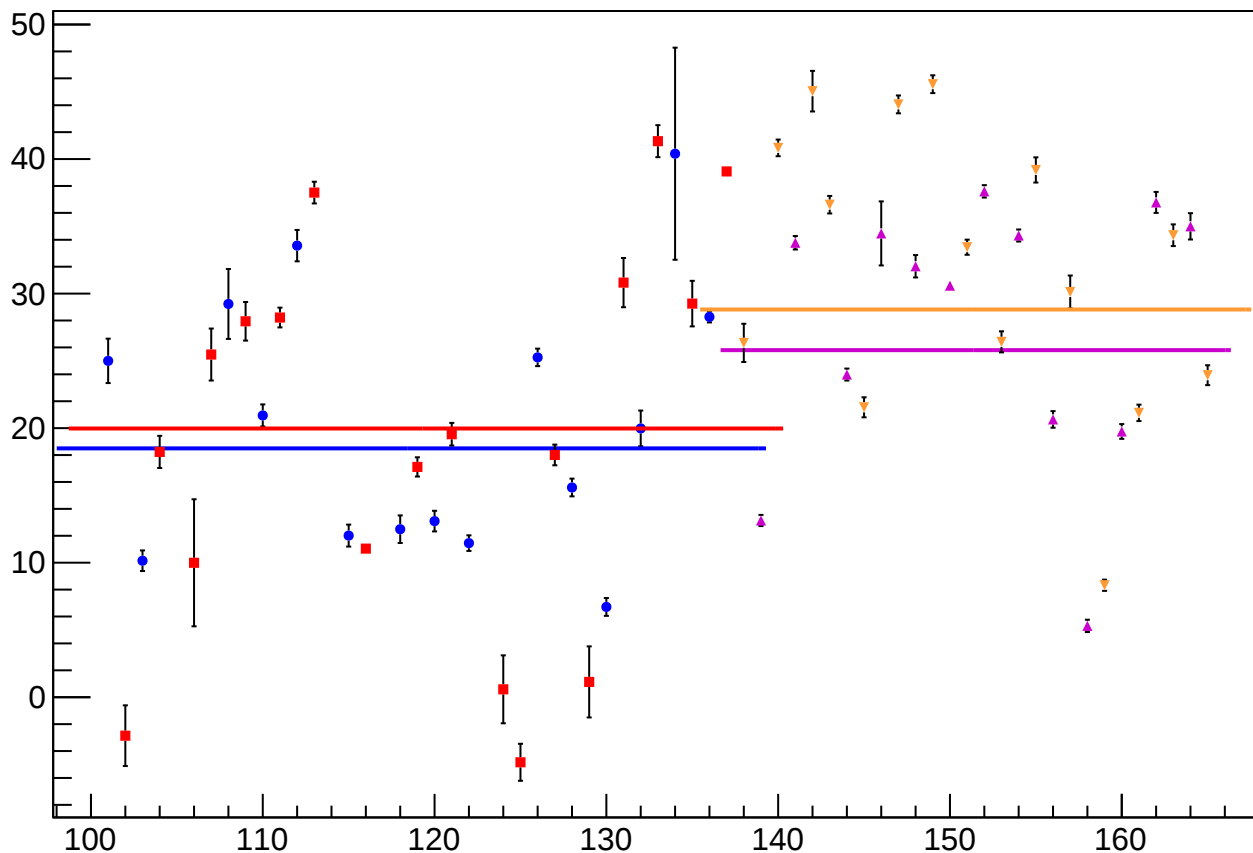
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.313 ± 0.003 $\chi^2/\text{NDF}: 1104364.5/27$

Out: 7.854 ± 0.004 $\chi^2/\text{NDF}: 1278020.7/32$

All: 7.501 ± 0.002 $\chi^2/\text{NDF}: 2393781.6/60$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 28.819 ± 0.181 $\chi^2/\text{NDF}: 4765.4/14$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 25.797 ± 0.143 $\chi^2/\text{NDF}: 4983.1/12$

Left: 26.959 ± 0.112 $\chi^2/\text{NDF}: 9921.0/27$

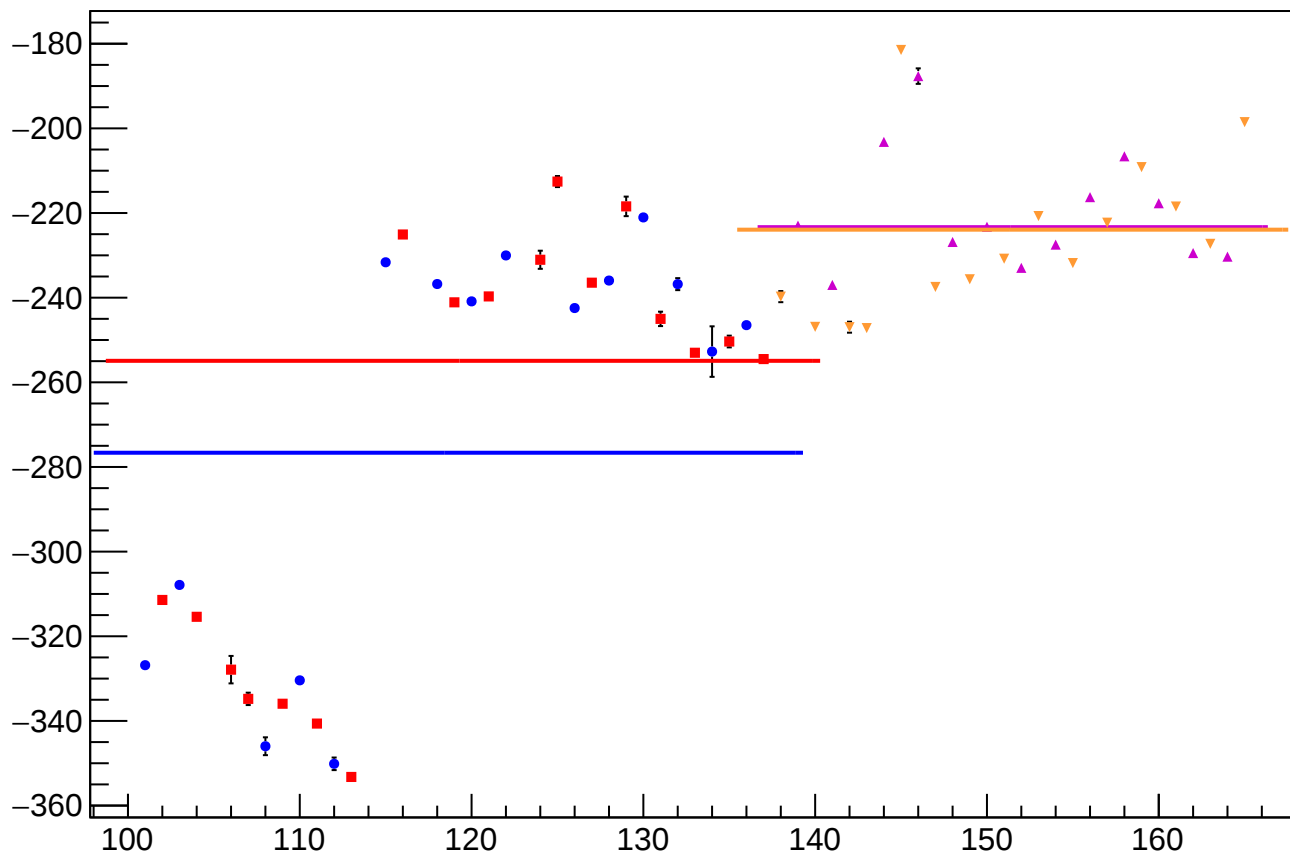
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 23.335 ± 0.116 $\chi^2/\text{NDF}: 7502.7/27$

Out: 22.999 ± 0.106 $\chi^2/\text{NDF}: 15545.7/32$

All: 23.151 ± 0.078 $\chi^2/\text{NDF}: 23053.0/60$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -223.934 $\pm$ 0.150 χ^2 /NDF:14336.0/14

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -223.339 $\pm$ 0.123 χ^2 /NDF:4849.2/12

Left: -223.578 $\pm$ 0.095 χ^2 /NDF: 19194.7/27

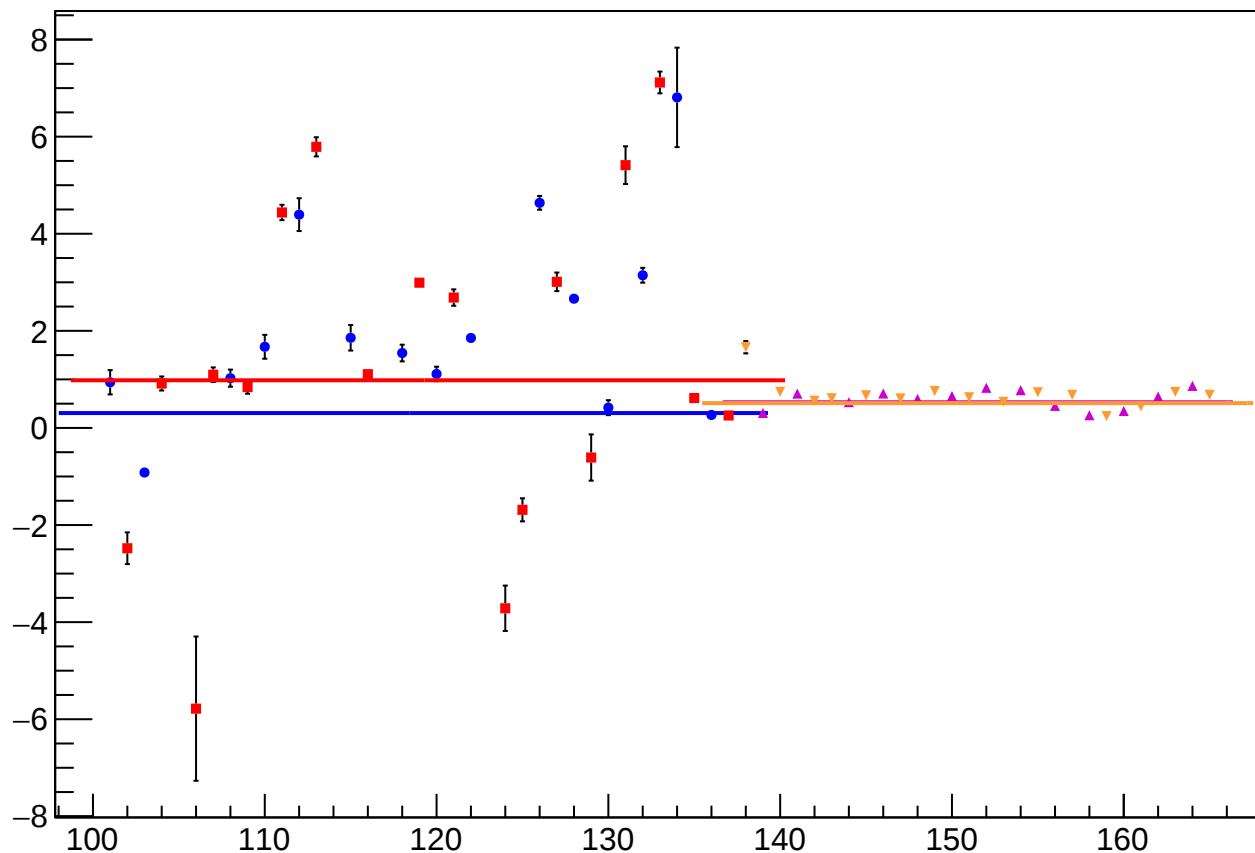
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -245.092 $\pm$ 0.094 χ^2 /NDF:159196.1/27

Out: -249.209 $\pm$ 0.064 χ^2 /NDF:121166.7/32

All: -247.901 $\pm$ 0.053 χ^2 /NDF: 281664.3/60

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.511 ± 0.002 $\chi^2/\text{NDF}: 8197.9/14$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.529 ± 0.002 $\chi^2/\text{NDF}: 13185.8/12$

Left: 0.521 ± 0.002 $\chi^2/\text{NDF}: 21417.0/27$

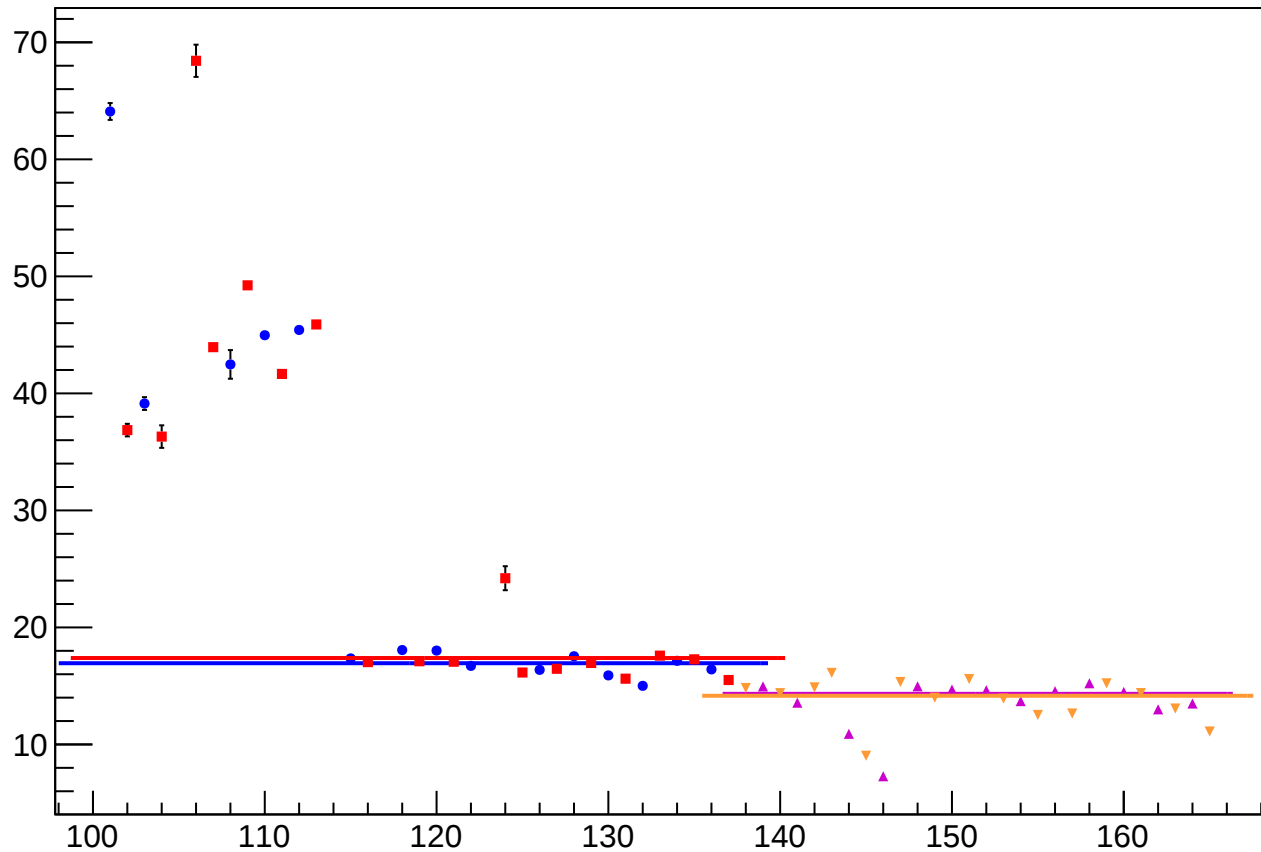
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.511 ± 0.002 $\chi^2/\text{NDF}: 16999.9/27$

Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 12577.0/32$

All: 0.515 ± 0.001 $\chi^2/\text{NDF}: 29593.0/60$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 14.161 ± 0.010 χ^2/NDF : 50684.1/14

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 14.324 ± 0.010 χ^2/NDF : 8754.7/12

Left: 14.242 ± 0.007 χ^2/NDF : 59583.4/27

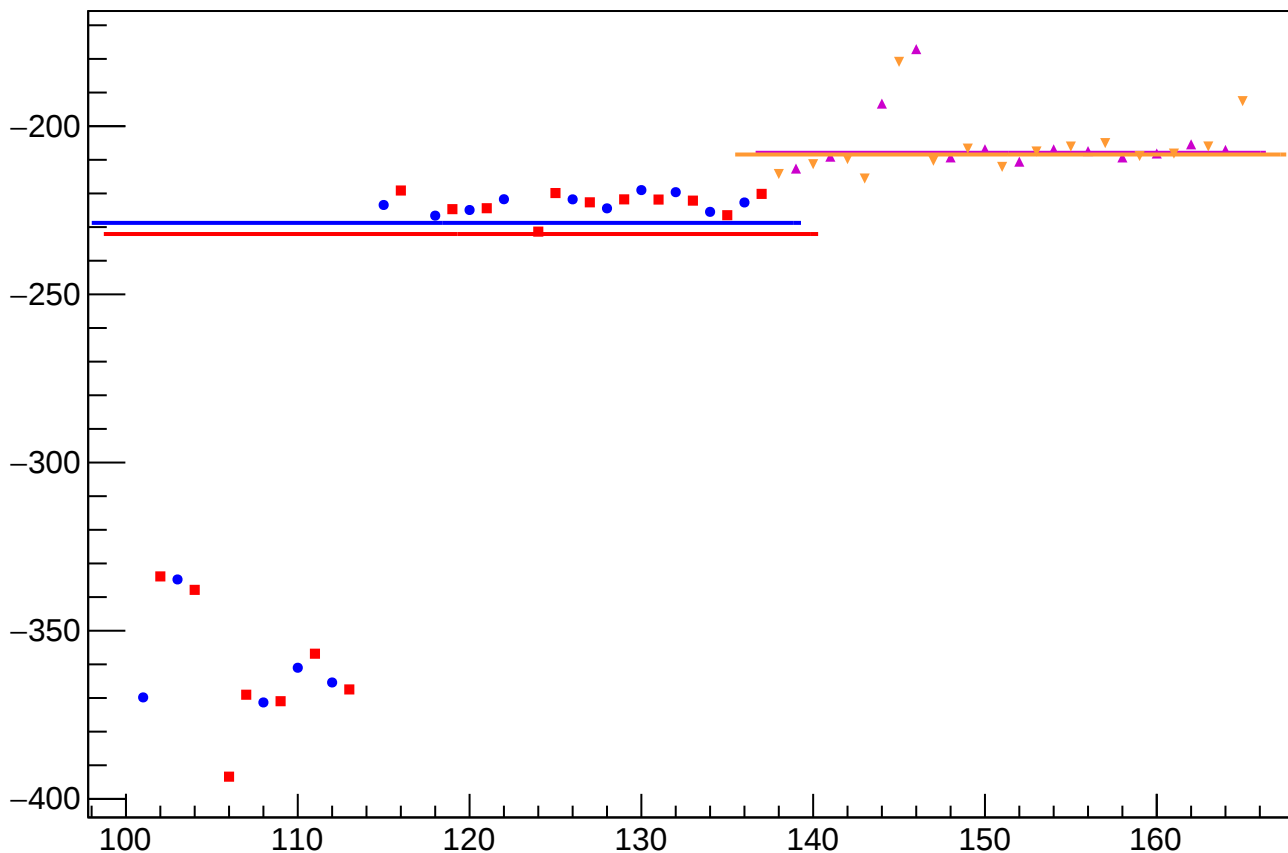
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 15.258 ± 0.008 χ^2/NDF : 64374.5/27

Out: 14.895 ± 0.008 χ^2/NDF : 137763.2/32

All: 15.093 ± 0.006 χ^2/NDF : 203152.0/60

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -208.421+/-0.019 χ^2/NDF : 75949.0/14

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -207.908+/-0.018 χ^2/NDF : 15952.2/12

Left: -208.146+/-0.013 χ^2/NDF : 92292.3/27

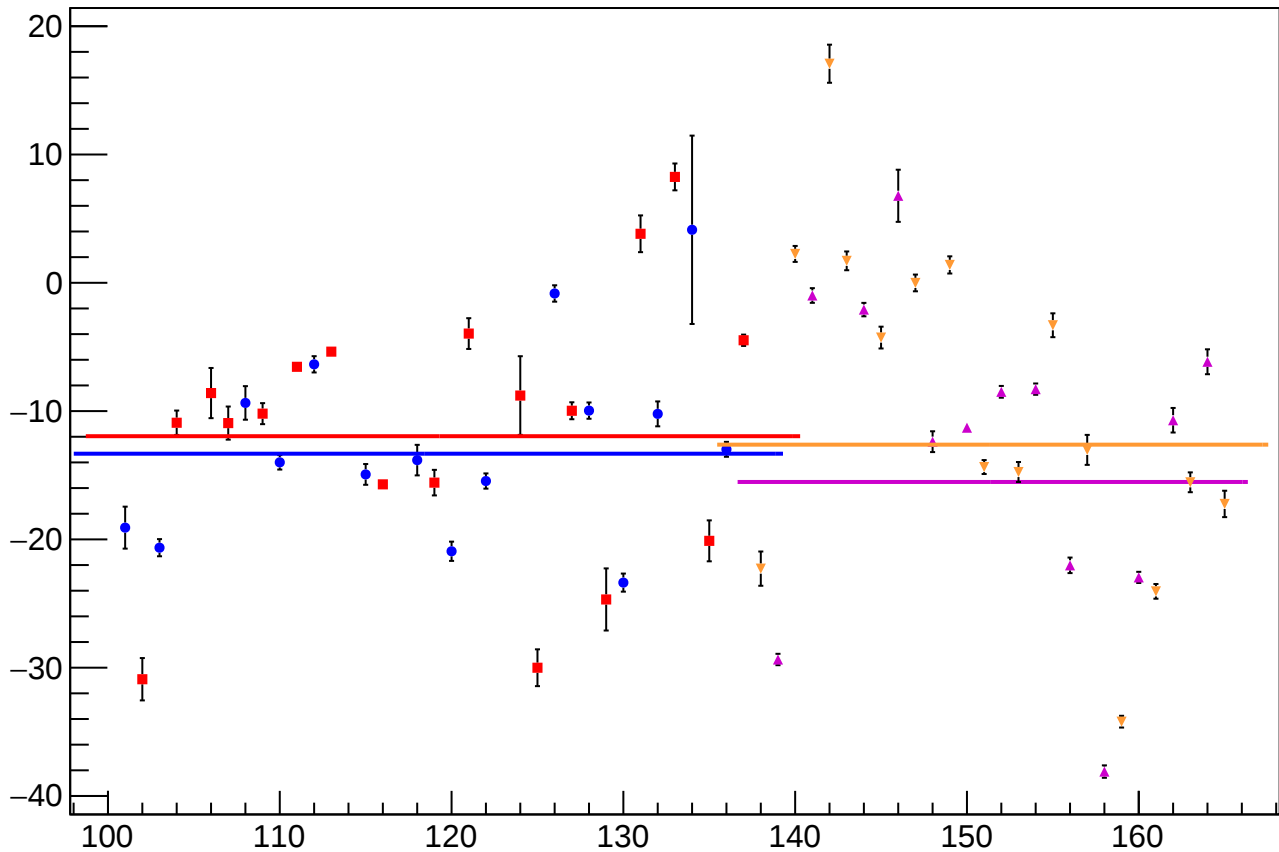
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -212.201+/-0.016 χ^2/NDF : 960203.3/27

Out: -212.555+/-0.017 χ^2/NDF : 1137725.7/32

All: -212.361+/-0.012 χ^2/NDF : 2098157.8/60

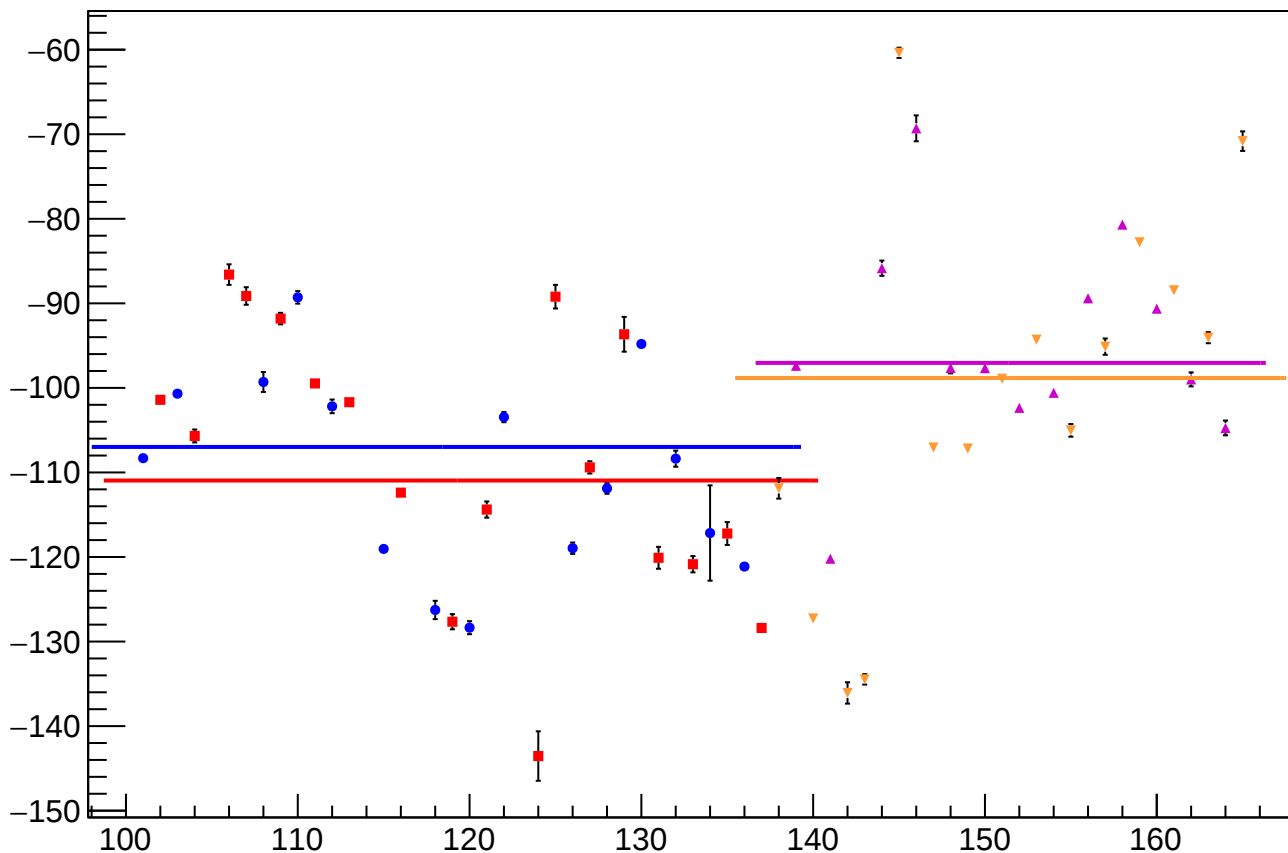
dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$
 Left Out: -12.616 ± 0.186 $\chi^2/\text{NDF}: 5079.8/14$
 Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$
 Left In: -15.524 ± 0.147 $\chi^2/\text{NDF}: 5758.8/12$

Left: -14.406 ± 0.116 $\chi^2/\text{NDF}: 10988.4/27$
 Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$
 In: -14.716 ± 0.117 $\chi^2/\text{NDF}: 6853.8/27$
 Out: -12.133 ± 0.096 $\chi^2/\text{NDF}: 7576.1/32$
 All: -13.174 ± 0.074 $\chi^2/\text{NDF}: 14719.6/60$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983+/-0.110 χ^2/NDF : 4658.3/14

Left Out: -98.827+/-0.151 χ^2/NDF :15298.6/14

Right Out: -110.955+/-0.050 χ^2/NDF : 10675.0/17

Left In: -97.045+/-0.123 χ^2/NDF :5333.3/12

Left: -97.760+/-0.095 χ^2/NDF : 20715.8/27

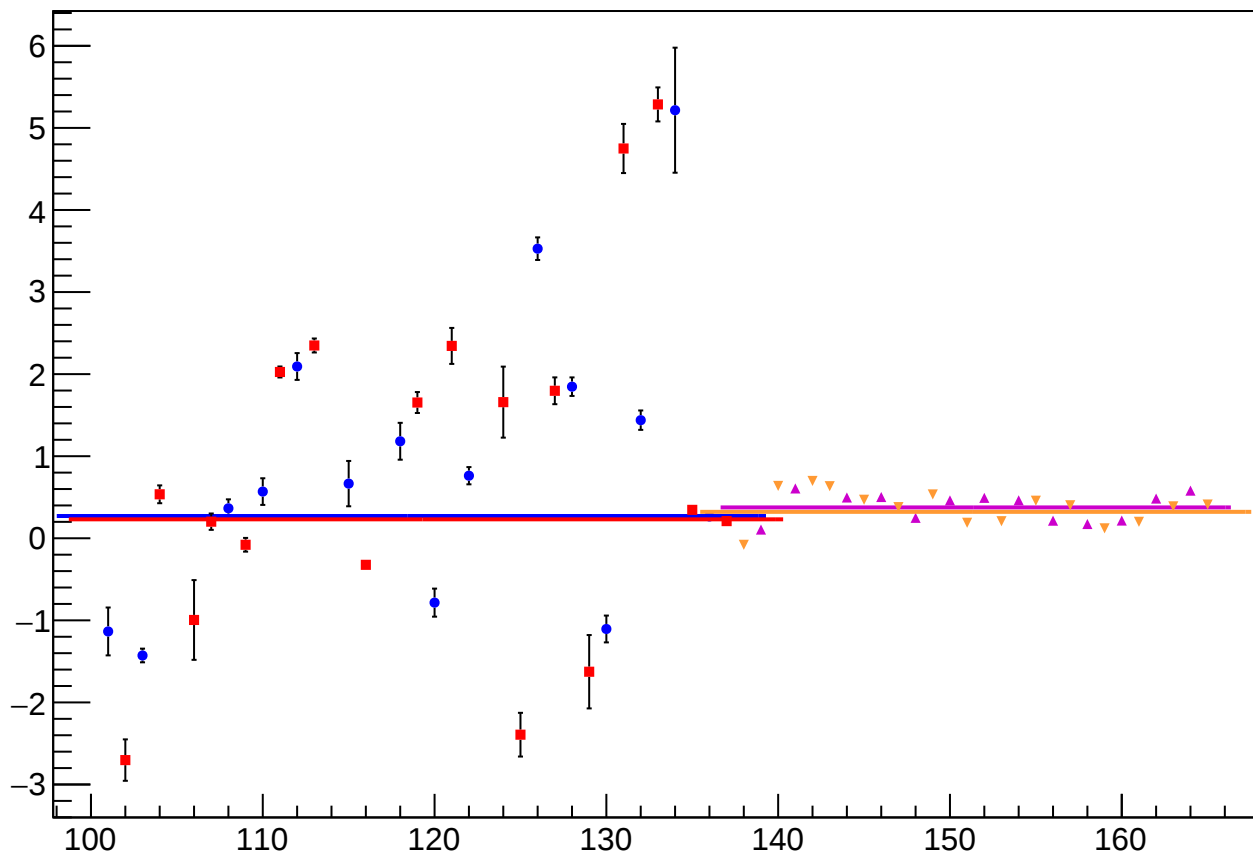
Right: -110.271+/-0.046 χ^2/NDF : 16412.2/32

In: -102.576+/-0.082 χ^2/NDF :13609.2/27

Out: -109.742+/-0.048 χ^2/NDF :31814.0/32

All: -107.938+/-0.041 χ^2/NDF : 51126.4/60

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.322 ± 0.003 $\chi^2/\text{NDF}: 6476.5/14$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.376 ± 0.002 $\chi^2/\text{NDF}: 7592.5/12$

Left: 0.355 ± 0.002 $\chi^2/\text{NDF}: 14349.7/27$

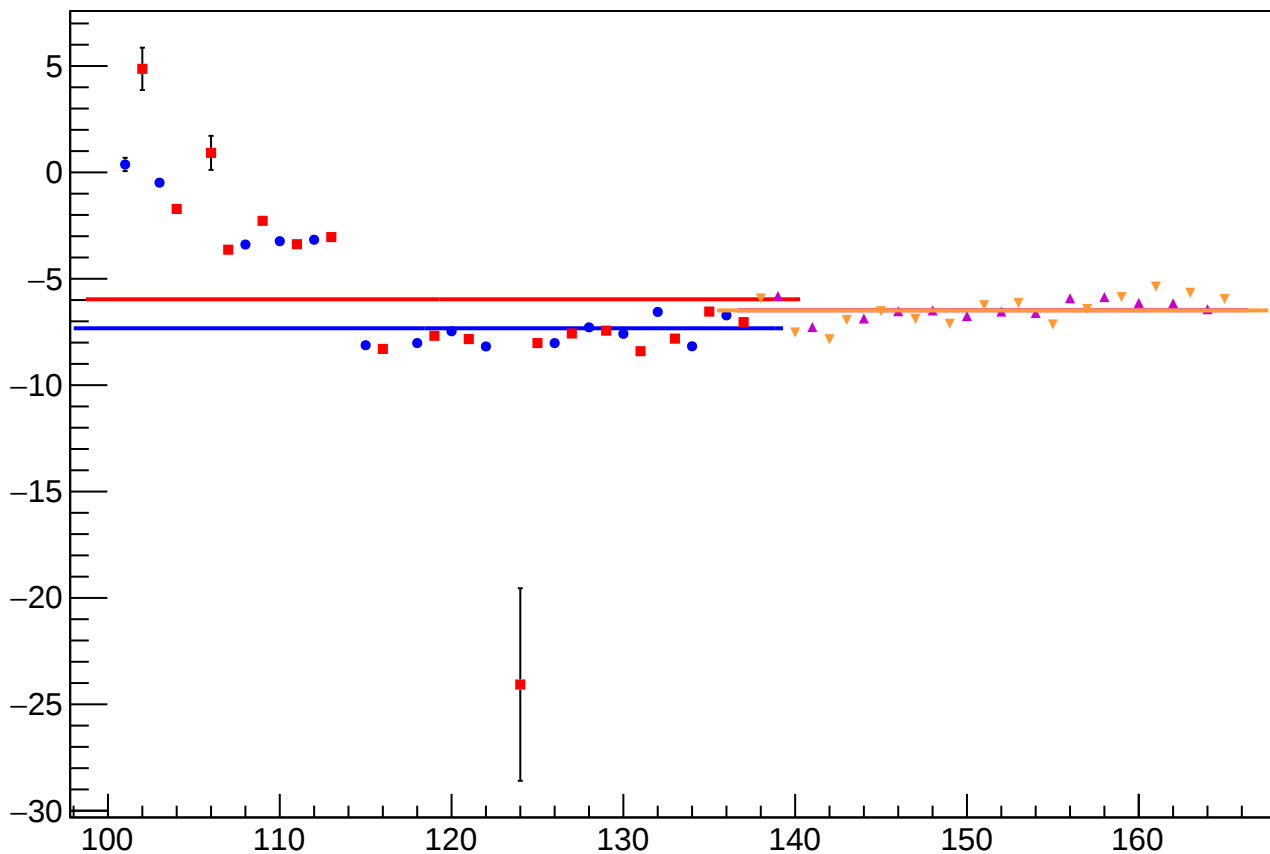
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.363 ± 0.002 $\chi^2/\text{NDF}: 9543.4/27$

Out: 0.300 ± 0.002 $\chi^2/\text{NDF}: 9706.5/32$

All: 0.336 ± 0.001 $\chi^2/\text{NDF}: 19731.2/60$

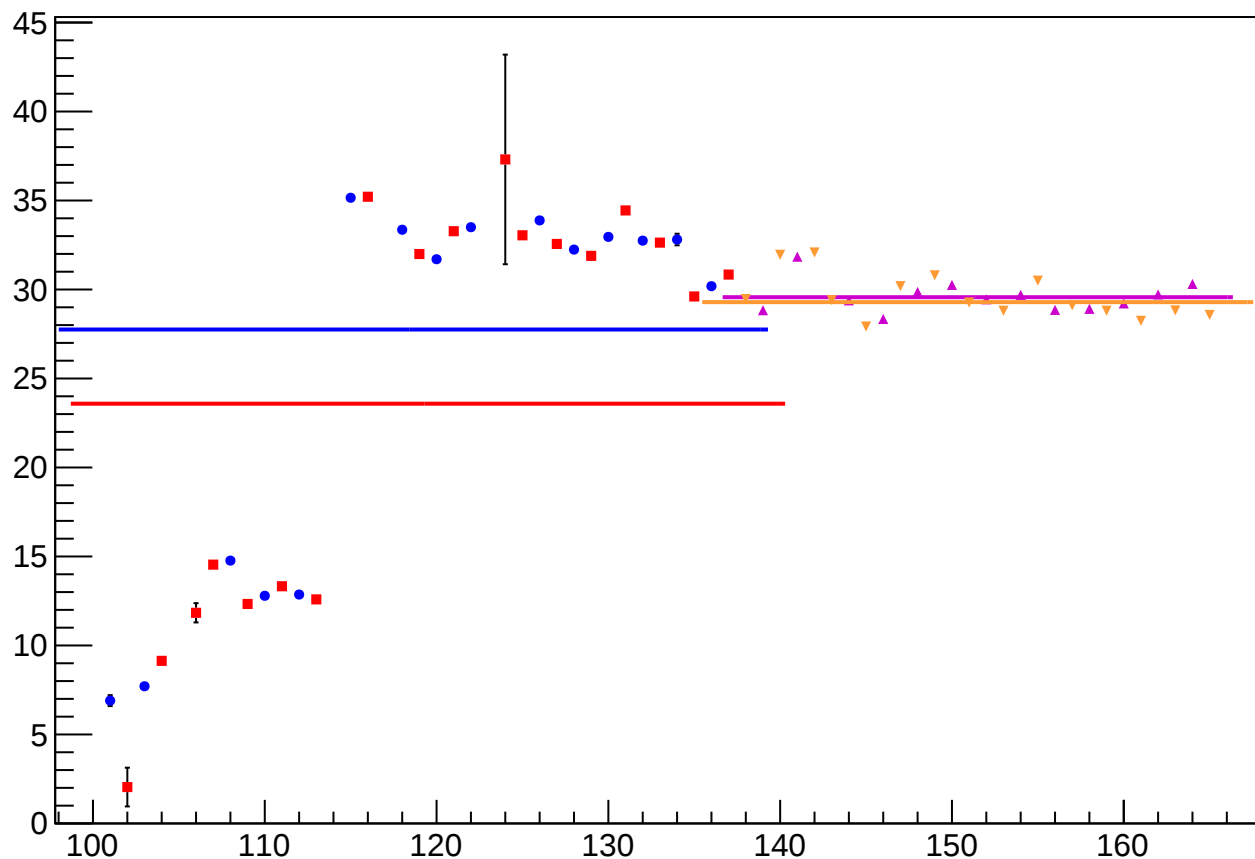
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.487 ± 0.008 $\chi^2/\text{NDF}: 5706.5/14$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.478 ± 0.006 $\chi^2/\text{NDF}: 5248.7/12$

Left: -6.482 ± 0.005 $\chi^2/\text{NDF}: 10955.9/27$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.770 ± 0.005 $\chi^2/\text{NDF}: 42473.0/27$
 Out: -6.264 ± 0.006 $\chi^2/\text{NDF}: 79556.1/32$
 All: -6.556 ± 0.004 $\chi^2/\text{NDF}: 126518.1/60$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.290 $\pm$ 0.012 χ^2 /NDF:8381.5/14

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.568 $\pm$ 0.011 χ^2 /NDF:3011.1/12

Left: 29.445 $\pm$ 0.008 χ^2 /NDF: 11672.7/27

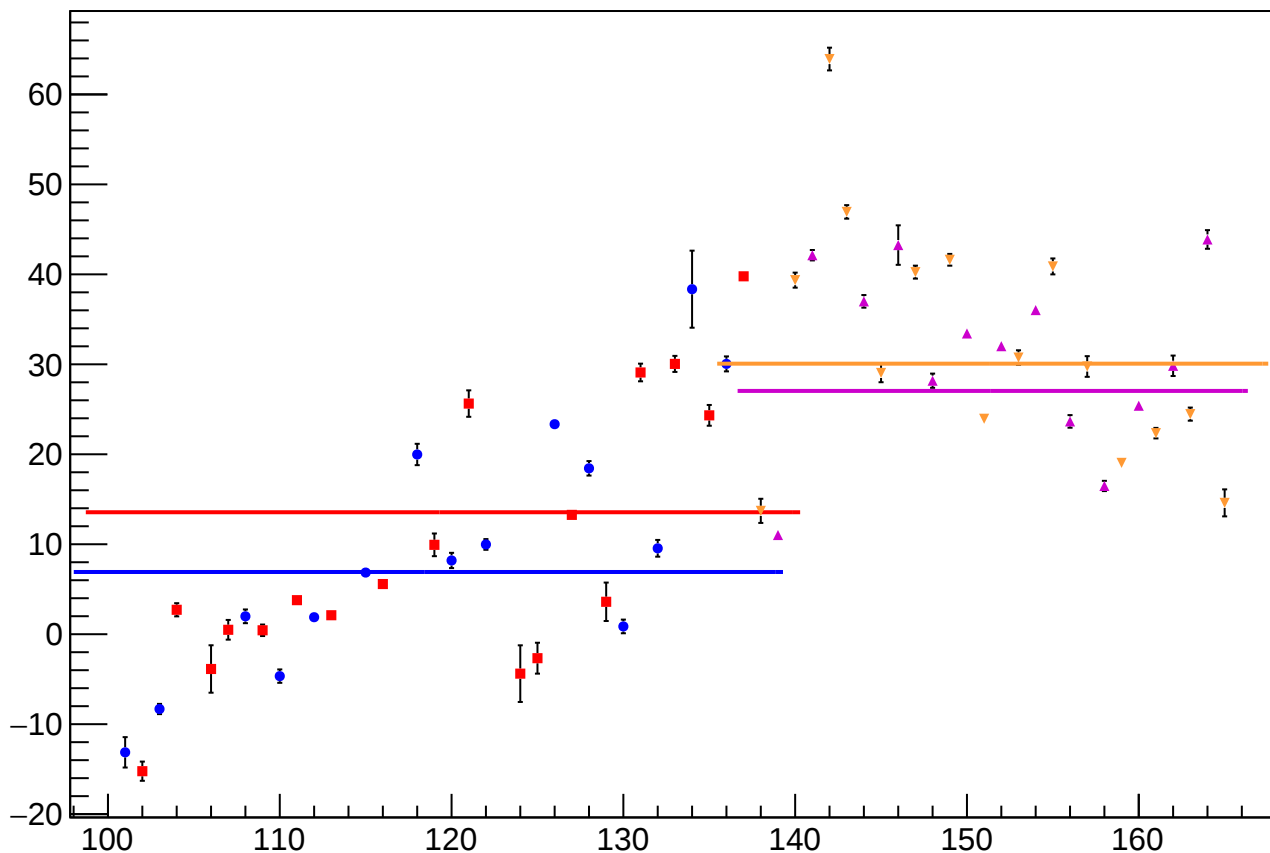
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.935 $\pm$ 0.009 χ^2 /NDF:345433.2/27

Out: 26.726 $\pm$ 0.009 χ^2 /NDF:643298.4/32

All: 27.869 $\pm$ 0.006 χ^2 /NDF: 1018591.9/60

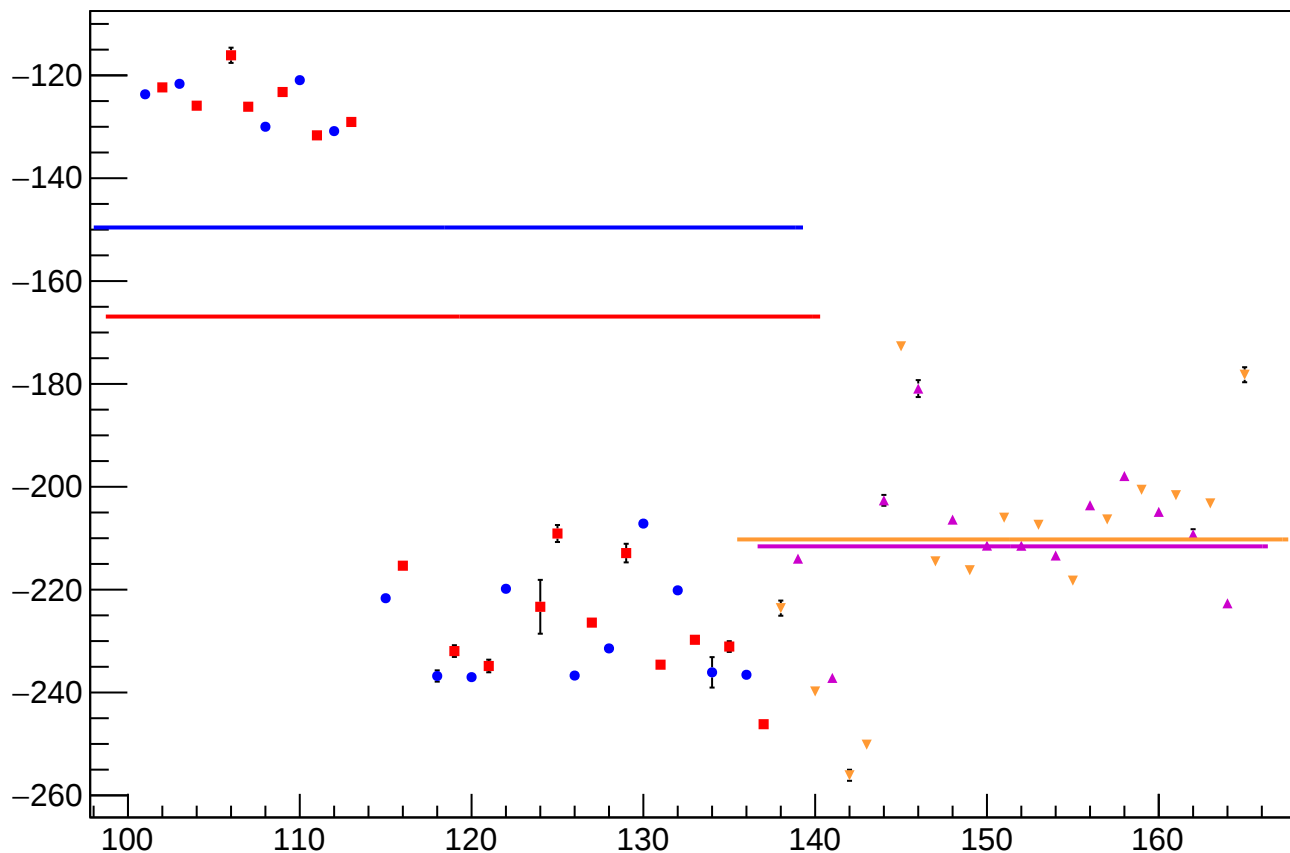
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2/NDF : 3503.2/14
 Left Out: 30.072 $\pm$ 0.193 χ^2/NDF :3215.3/14
 Right Out: 13.557 $\pm$ 0.145 χ^2/NDF : 11657.2/17
 Left In: 27.043 $\pm$ 0.146 χ^2/NDF :4900.6/12

Left: 28.145 $\pm$ 0.116 χ^2/NDF : 8272.9/27
 Right: 10.880 $\pm$ 0.112 χ^2/NDF : 16004.9/32
 In: 18.882 $\pm$ 0.112 χ^2/NDF :16130.2/27
 Out: 19.528 $\pm$ 0.116 χ^2/NDF :19558.8/32
 All: 19.195 $\pm$ 0.081 χ^2/NDF : 35705.1/60

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -210.236 ± 0.156 χ^2/NDF : 12456.6/14

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -211.583 ± 0.122 χ^2/NDF : 5278.1/12

Left: -211.071 ± 0.096 χ^2/NDF : 17780.9/27

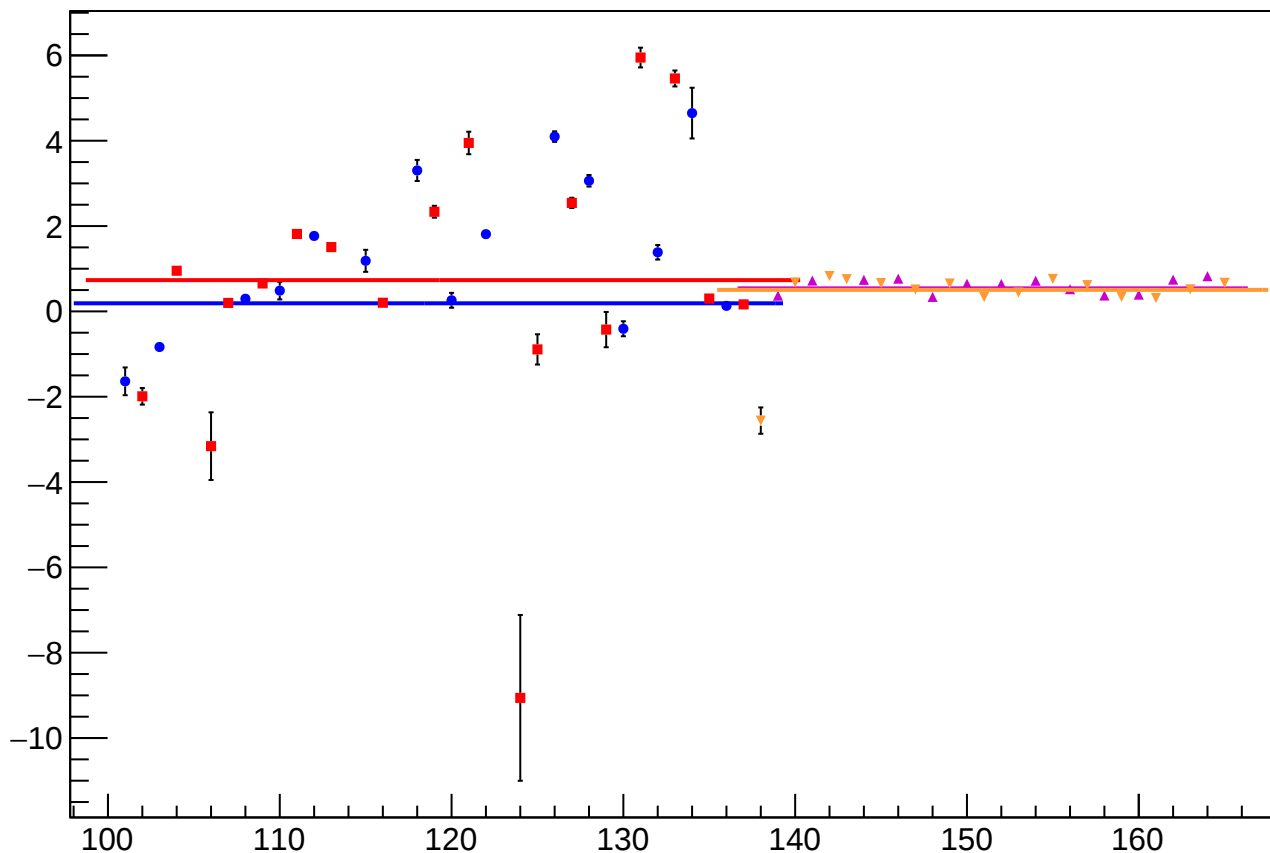
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -174.713 ± 0.078 χ^2/NDF : 353518.6/27

Out: -179.617 ± 0.085 χ^2/NDF : 362418.3/32

All: -176.961 ± 0.057 χ^2/NDF : 717758.8/60

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.504 $\pm$ 0.003 χ^2 /NDF:3368.3/14

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.540 $\pm$ 0.002 χ^2 /NDF:4274.8/12

Left: 0.526 $\pm$ 0.002 χ^2 /NDF: 7727.0/27

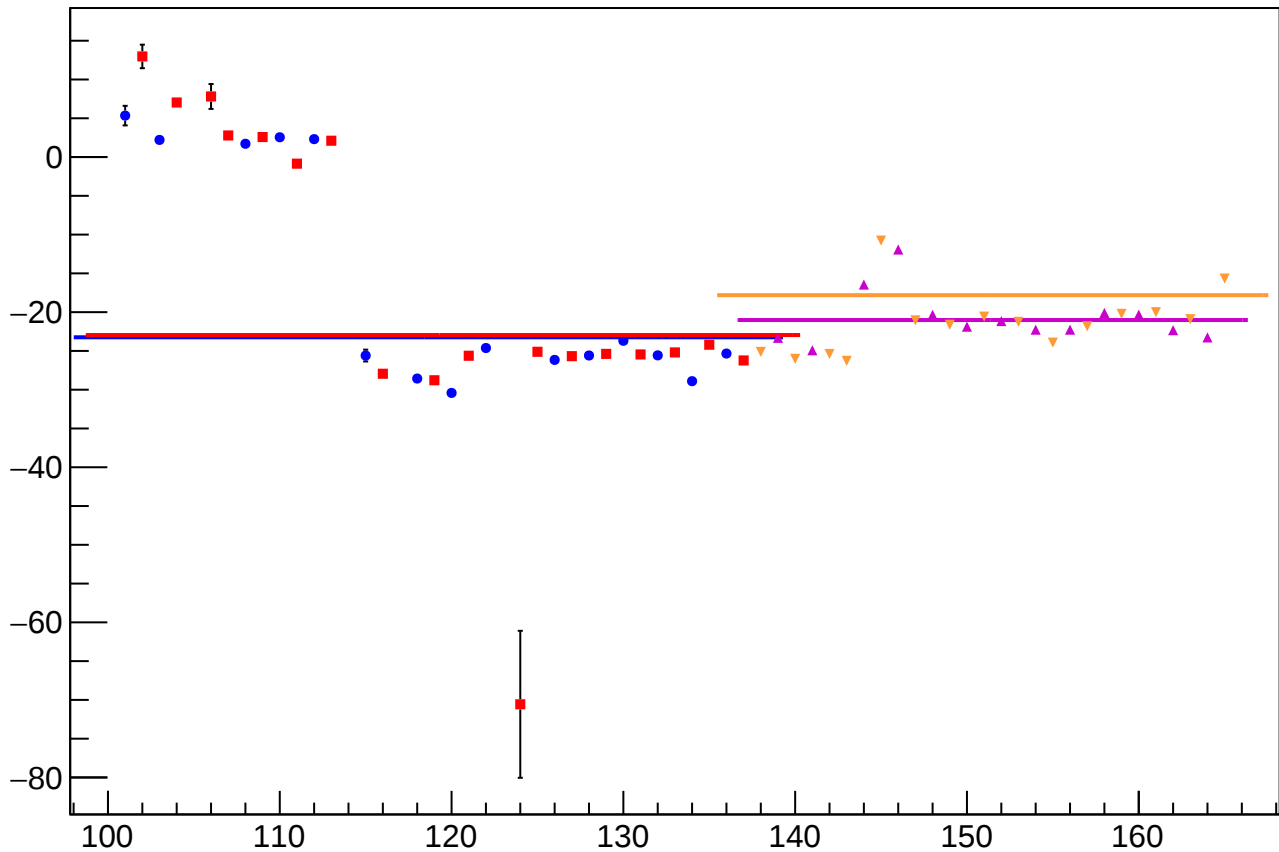
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.514 $\pm$ 0.002 χ^2 /NDF:8532.3/27

Out: 0.509 $\pm$ 0.003 χ^2 /NDF:6165.8/32

All: 0.512 $\pm$ 0.002 χ^2 /NDF: 14699.5/60

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.810 ± 0.015 $\chi^2/\text{NDF}: 123857.0/14$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.015 ± 0.016 $\chi^2/\text{NDF}: 10549.4/12$

Left: -19.360 ± 0.011 $\chi^2/\text{NDF}: 156094.2/27$

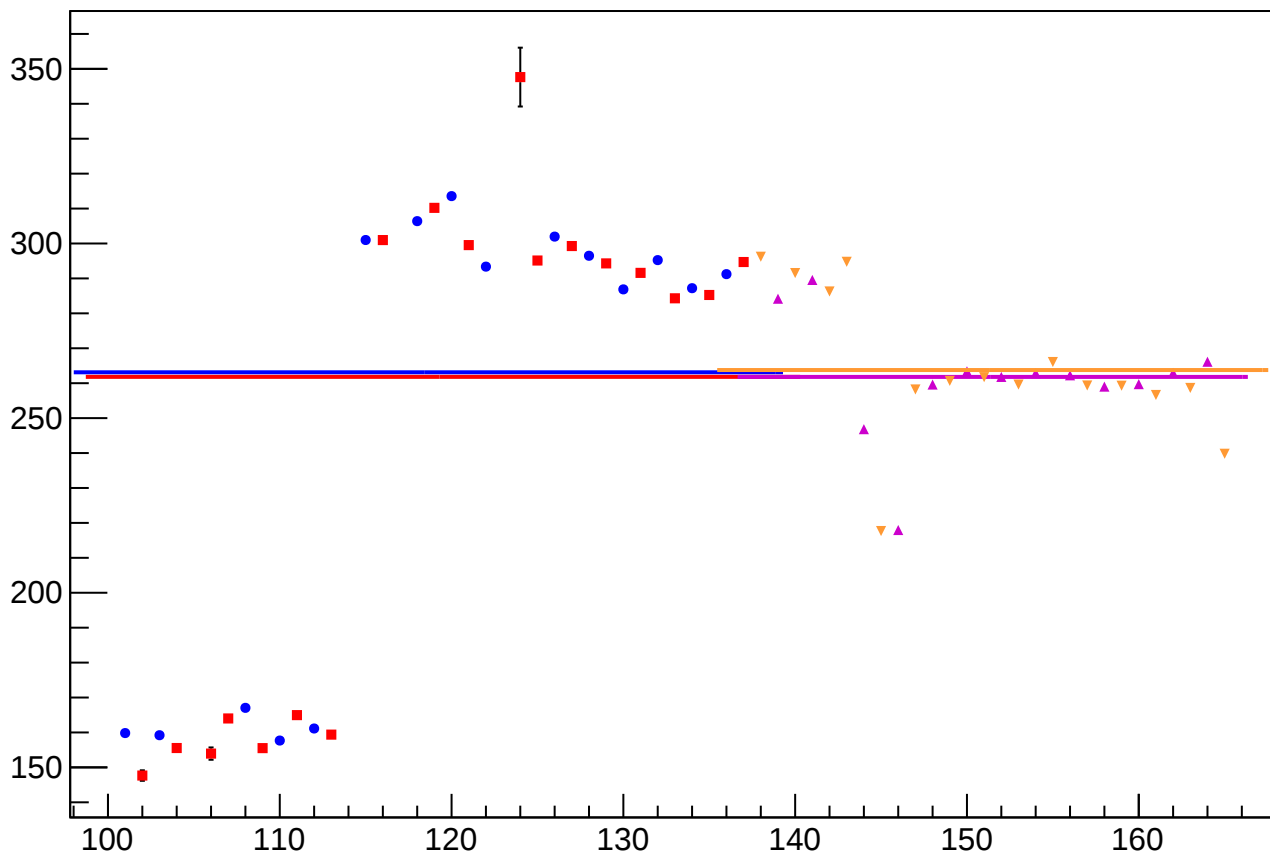
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.650 ± 0.013 $\chi^2/\text{NDF}: 119426.0/27$

Out: -19.214 ± 0.013 $\chi^2/\text{NDF}: 263405.1/32$

All: -20.402 ± 0.009 $\chi^2/\text{NDF}: 400215.0/60$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 263.767+/-0.038 χ^2/NDF : 195590.4/14

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 261.799+/-0.033 χ^2/NDF : 36635.8/12

Left: 262.645+/-0.025 χ^2/NDF : 233734.9/27

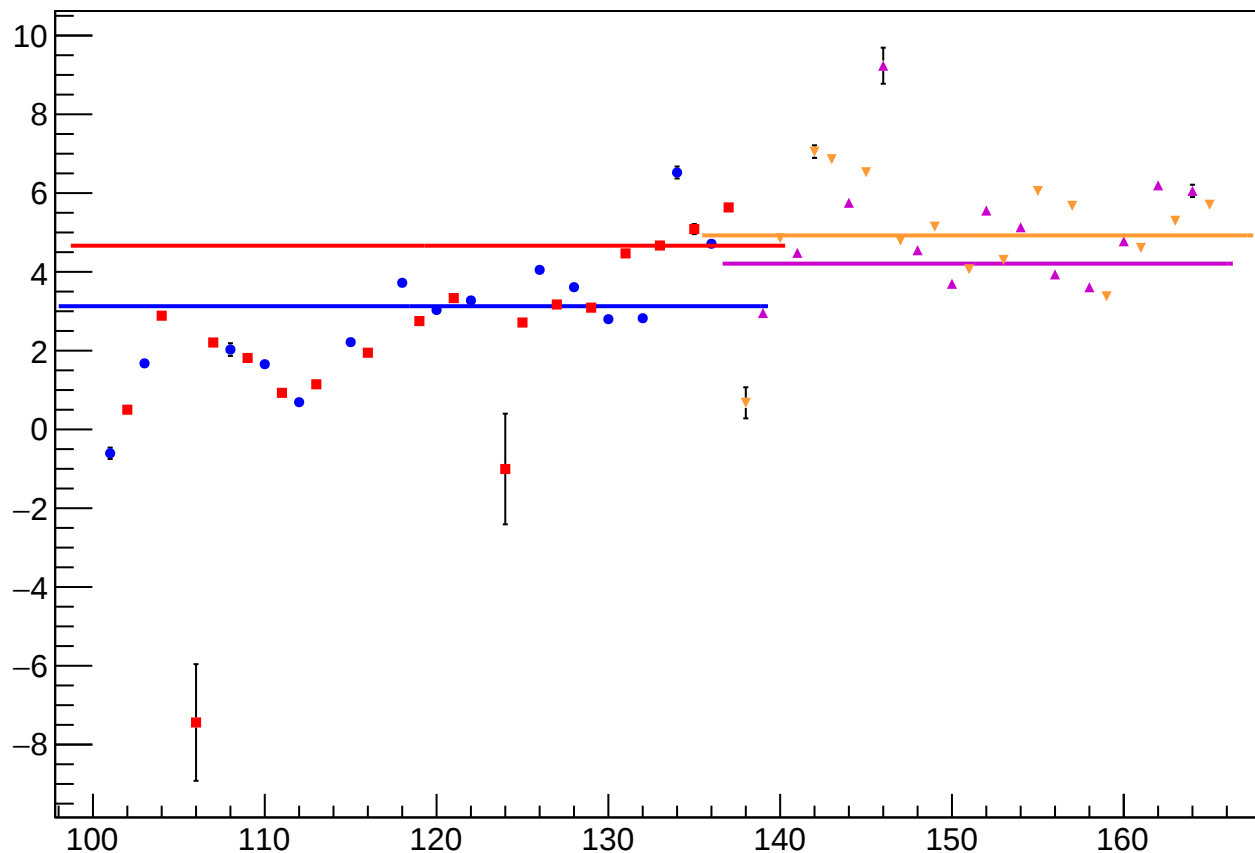
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.047+/-0.030 χ^2/NDF : 729818.3/27

Out: 263.208+/-0.032 χ^2/NDF : 1202525.3/32

All: 262.583+/-0.022 χ^2/NDF : 1933038.5/60

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.926 ± 0.016 $\chi^2/\text{NDF}: 2226.7/14$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.209 ± 0.016 $\chi^2/\text{NDF}: 3238.7/12$

Left: 4.555 ± 0.011 $\chi^2/\text{NDF}: 6466.8/27$

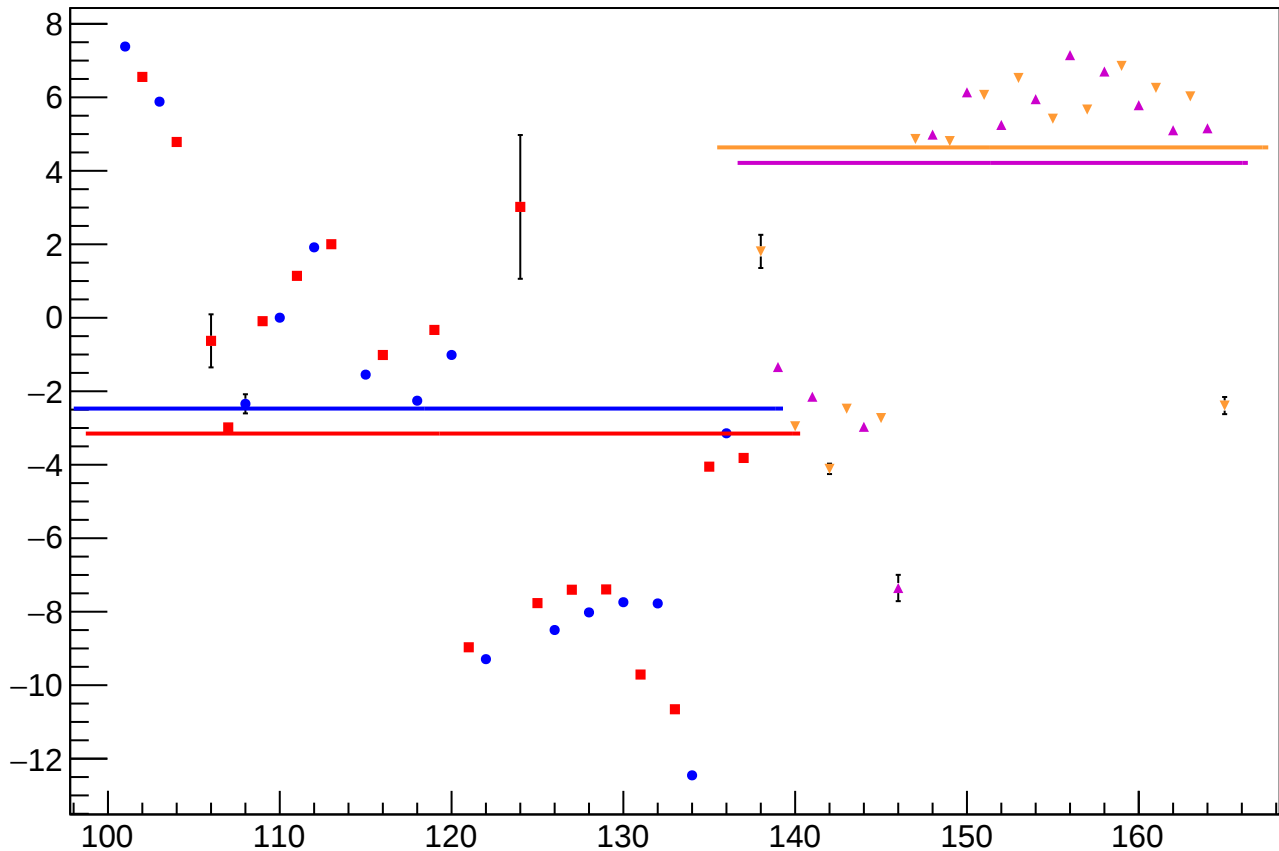
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.669 ± 0.011 $\chi^2/\text{NDF}: 11259.4/27$

Out: 4.699 ± 0.006 $\chi^2/\text{NDF}: 69312.6/32$

All: 4.472 ± 0.005 $\chi^2/\text{NDF}: 87239.5/60$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.637 ± 0.013 $\chi^2/\text{NDF}: 39667.8/14$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.216 ± 0.013 $\chi^2/\text{NDF}: 62512.3/12$

Left: 4.426 ± 0.010 $\chi^2/\text{NDF}: 102672.6/27$

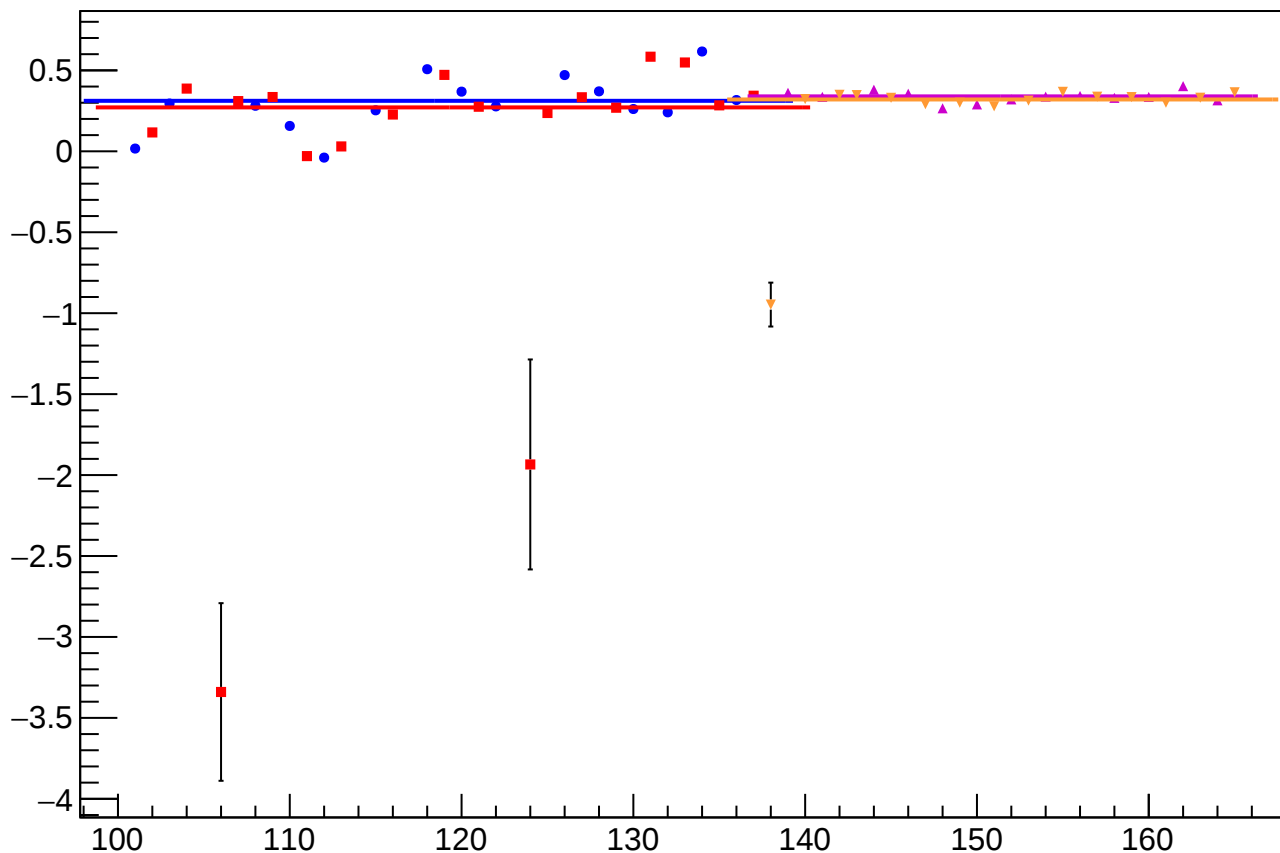
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.038 ± 0.010 $\chi^2/\text{NDF}: 423025.7/27$

Out: -1.332 ± 0.007 $\chi^2/\text{NDF}: 543514.4/32$

All: -0.599 ± 0.005 $\chi^2/\text{NDF}: 1007570.2/60$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 1462.7/14$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 2792.0/12$

Left: 0.330 ± 0.000 $\chi^2/\text{NDF}: 4660.1/27$

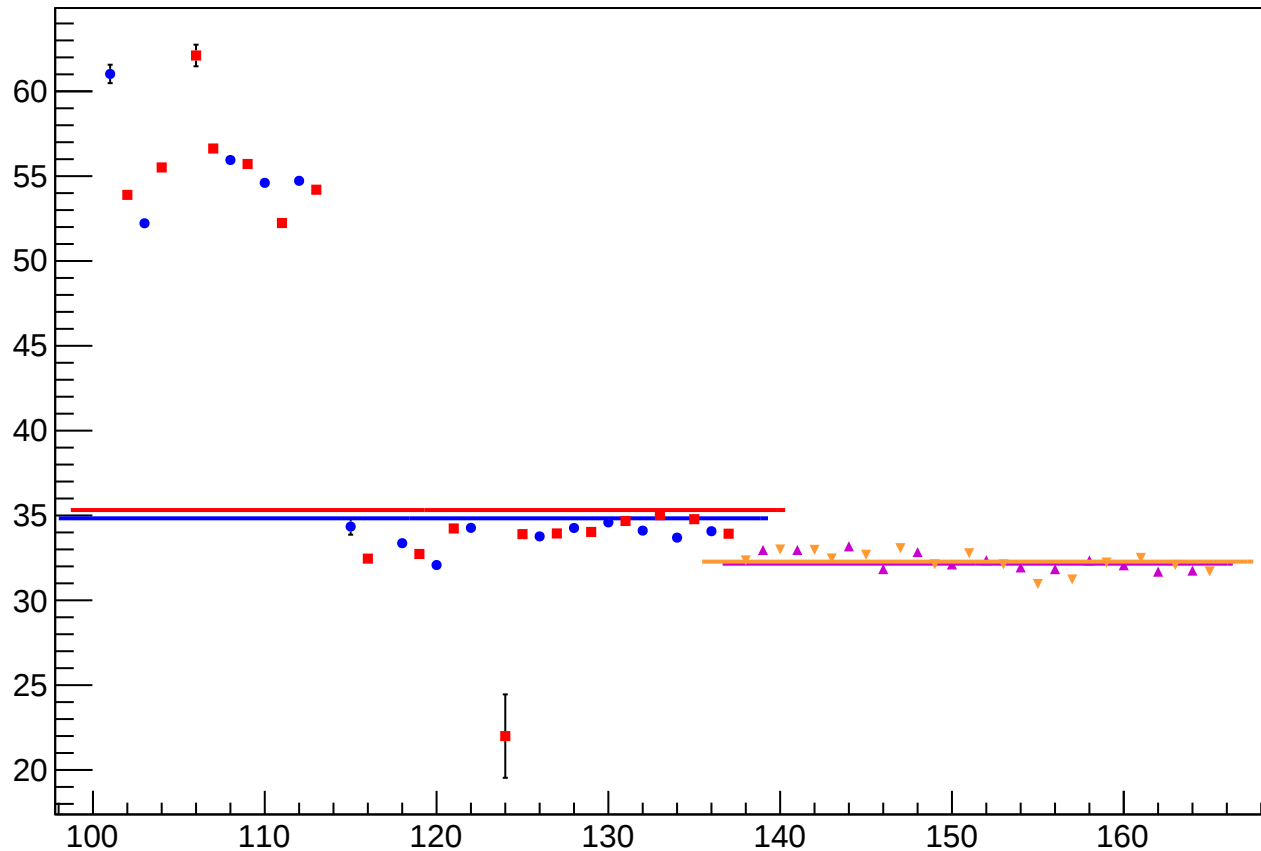
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4470.6/27$

Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 8097.8/32$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 12977.6/60$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.280 $\pm$ 0.004 χ^2 /NDF: 4384.9/14

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.159 $\pm$ 0.004 χ^2 /NDF: 6992.0/12

Left: 32.217 $\pm$ 0.003 χ^2 /NDF: 11758.4/27

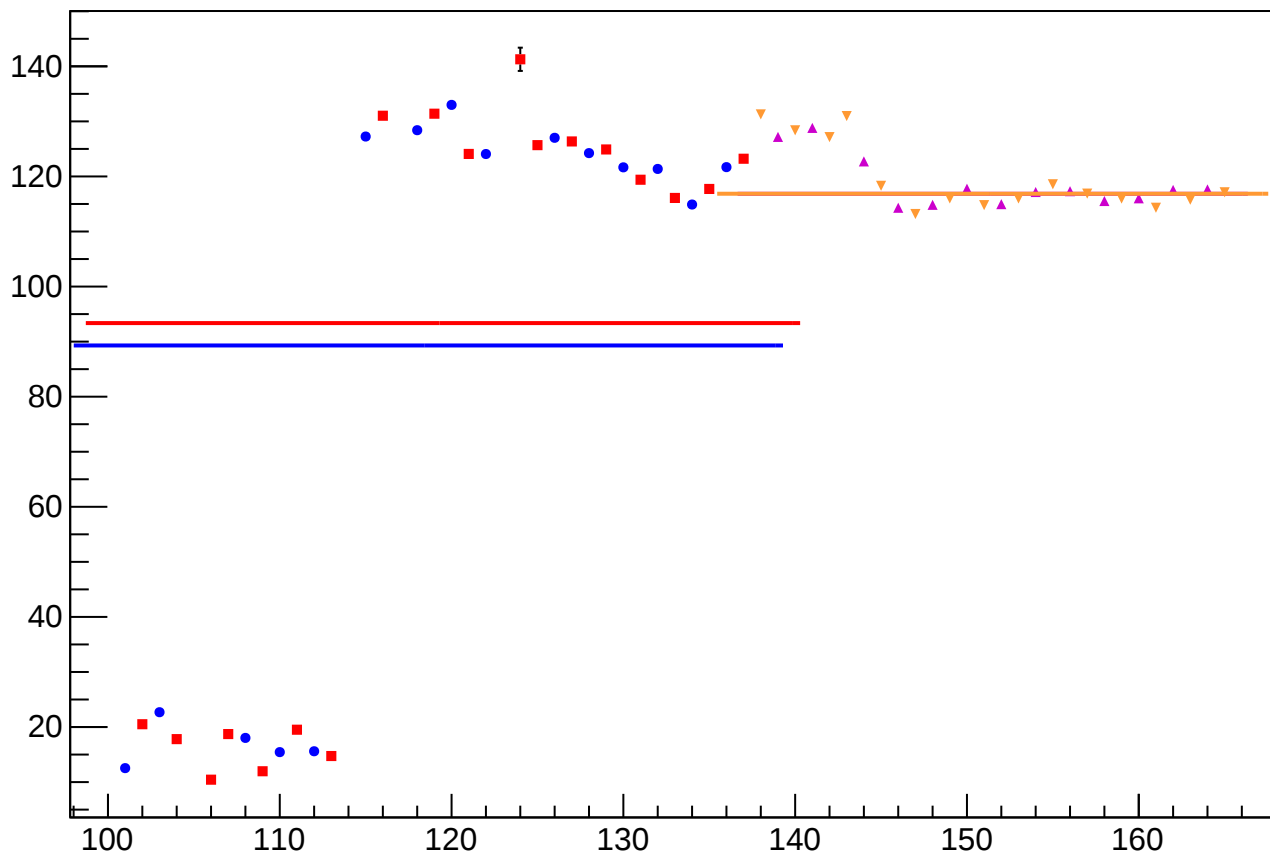
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.692 $\pm$ 0.004 χ^2 /NDF: 329509.6/27

Out: 32.789 $\pm$ 0.004 χ^2 /NDF: 343494.2/32

All: 32.738 $\pm$ 0.003 χ^2 /NDF: 673301.9/60

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 116.860+/-0.010 χ^2/NDF : 119633.5/14

Right Out: 93.367+/-0.030 χ^2/NDF : 2852493.6/17

Left In: 116.846+/-0.010 χ^2/NDF : 41716.9/12

Left: 116.853+/-0.007 χ^2/NDF : 161351.4/27

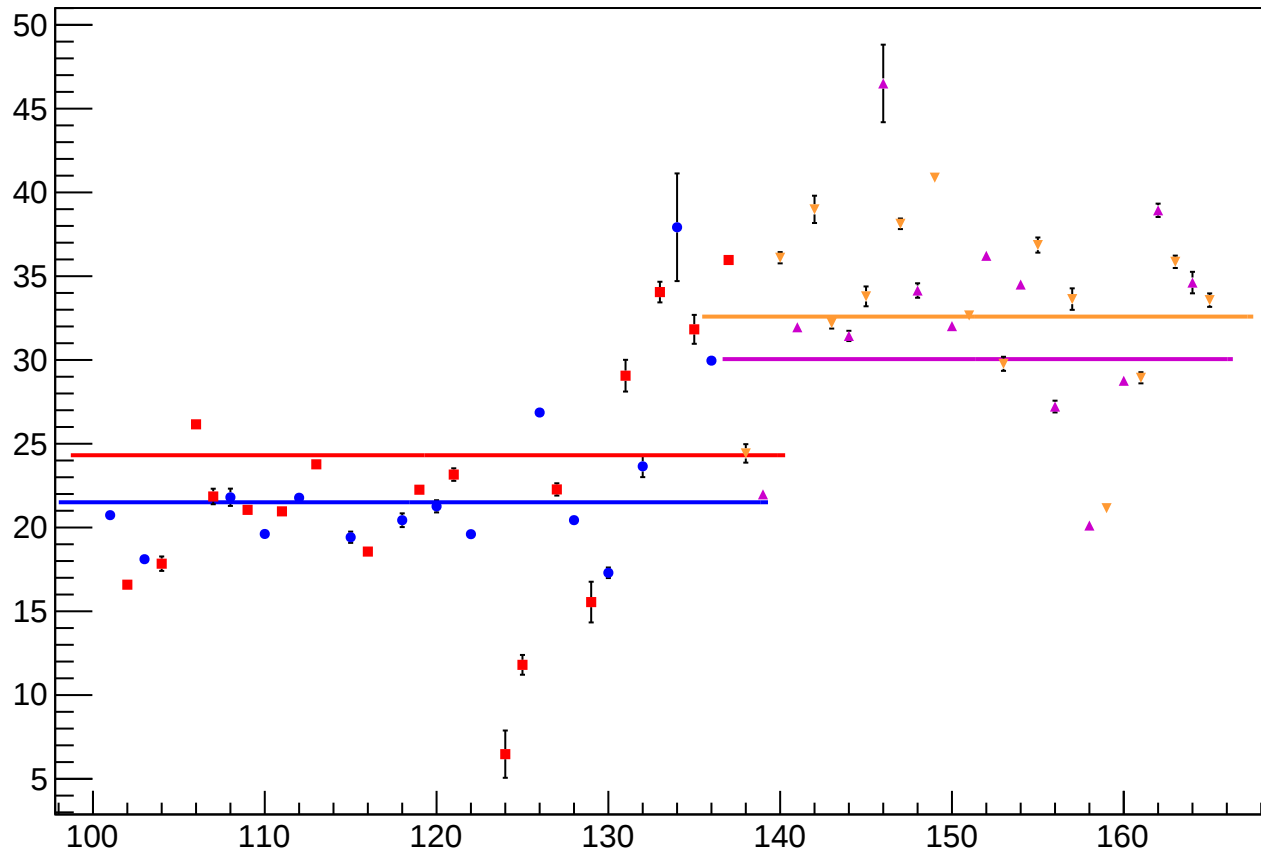
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 113.882+/-0.009 χ^2/NDF : 3975512.7/27

Out: 114.470+/-0.010 χ^2/NDF : 3525139.5/32

All: 114.159+/-0.007 χ^2/NDF : 7502662.4/60

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.589 ± 0.094 $\chi^2/\text{NDF}: 3751.6/14$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.051 ± 0.079 $\chi^2/\text{NDF}: 4634.7/12$

Left: 31.102 ± 0.061 $\chi^2/\text{NDF}: 8813.1/27$

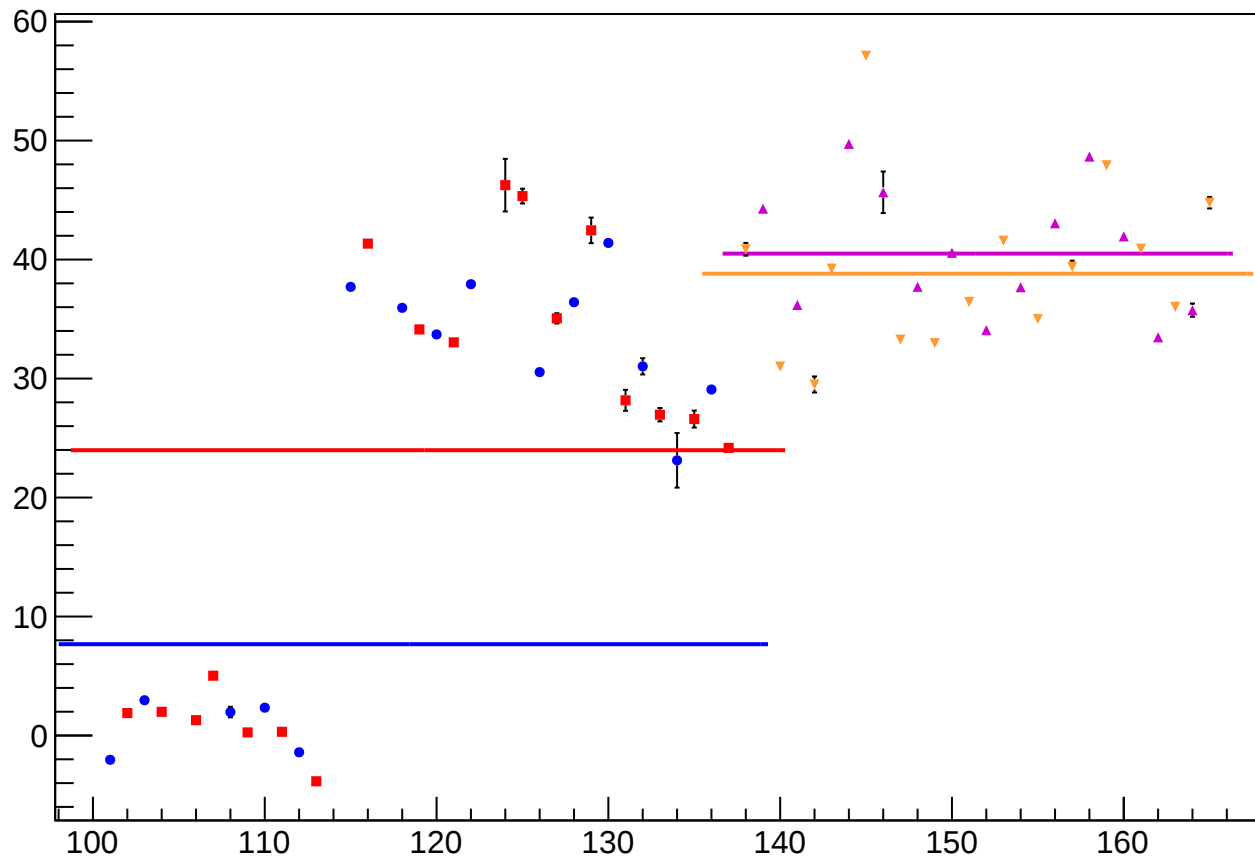
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.399 ± 0.053 $\chi^2/\text{NDF}: 13955.9/27$

Out: 26.622 ± 0.050 $\chi^2/\text{NDF}: 23633.8/32$

All: 26.055 ± 0.036 $\chi^2/\text{NDF}: 37871.1/60$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 38.811 $\pm$ 0.078 χ^2 /NDF: 6429.2/14

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 40.500 $\pm$ 0.065 χ^2 /NDF: 4180.8/12

Left: 39.810 $\pm$ 0.050 χ^2 /NDF: 10885.8/27

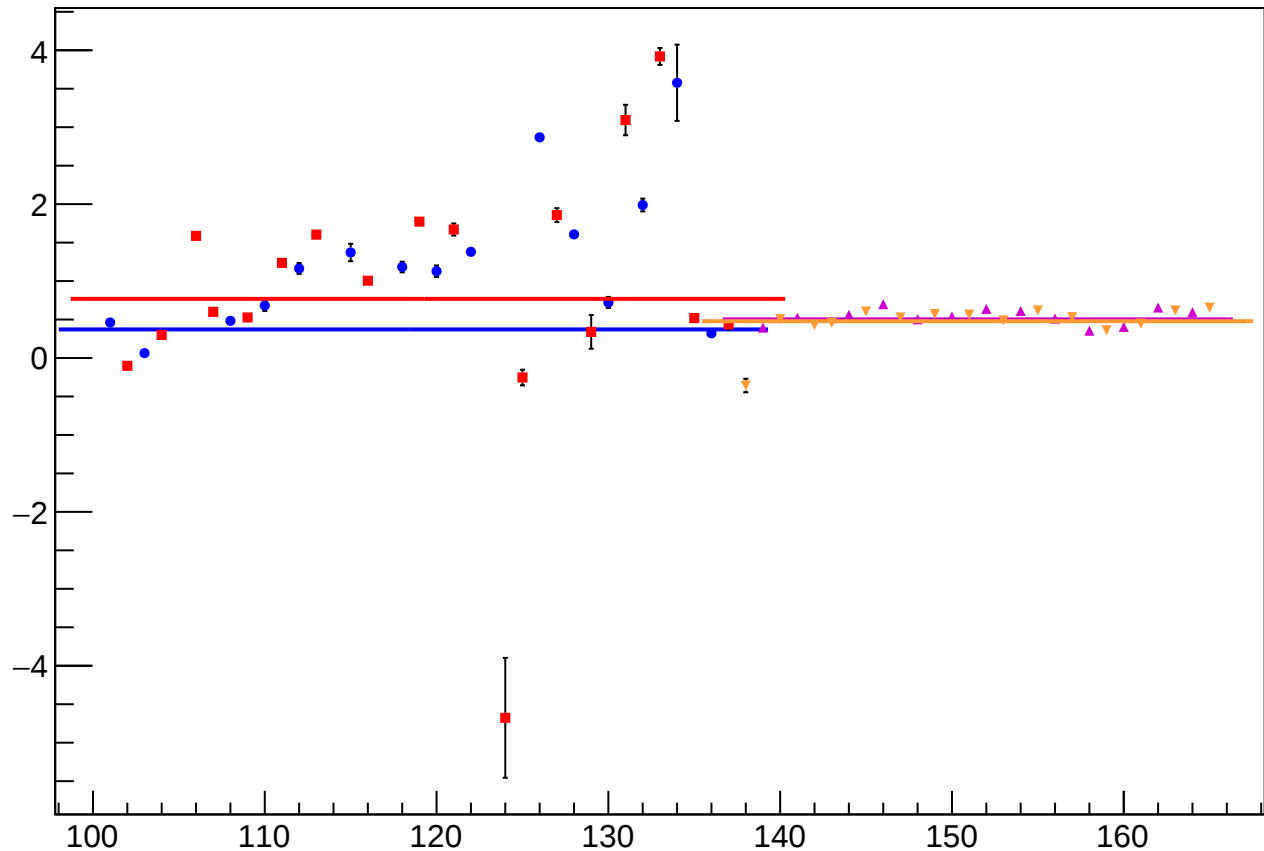
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 18.375 $\pm$ 0.037 χ^2 /NDF: 272266.9/27

Out: 24.138 $\pm$ 0.008 χ^2 /NDF: 152541.4/32

All: 23.874 $\pm$ 0.008 χ^2 /NDF: 447785.6/60

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.478+/-0.001 χ^2/NDF : 6151.1/14

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.502+/-0.001 χ^2/NDF : 8579.6/12

Left: 0.491+/-0.001 χ^2/NDF : 14922.8/27

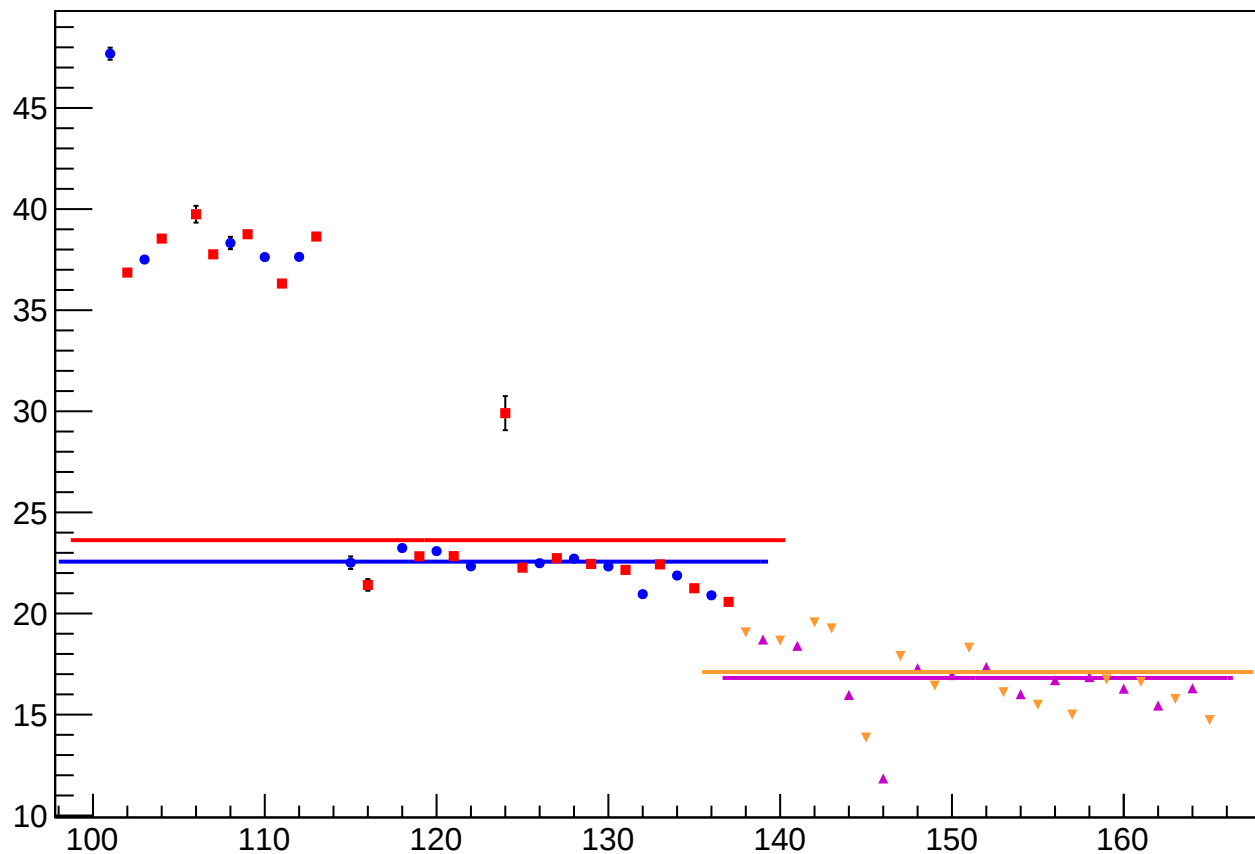
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.493+/-0.001 χ^2/NDF : 14164.1/27

Out: 0.487+/-0.001 χ^2/NDF : 11988.2/32

All: 0.490+/-0.001 χ^2/NDF : 26163.8/60

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.107 ± 0.007 $\chi^2/\text{NDF}: 47852.8/14$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.813 ± 0.008 $\chi^2/\text{NDF}: 14676.9/12$

Left: 16.975 ± 0.005 $\chi^2/\text{NDF}: 63295.0/27$

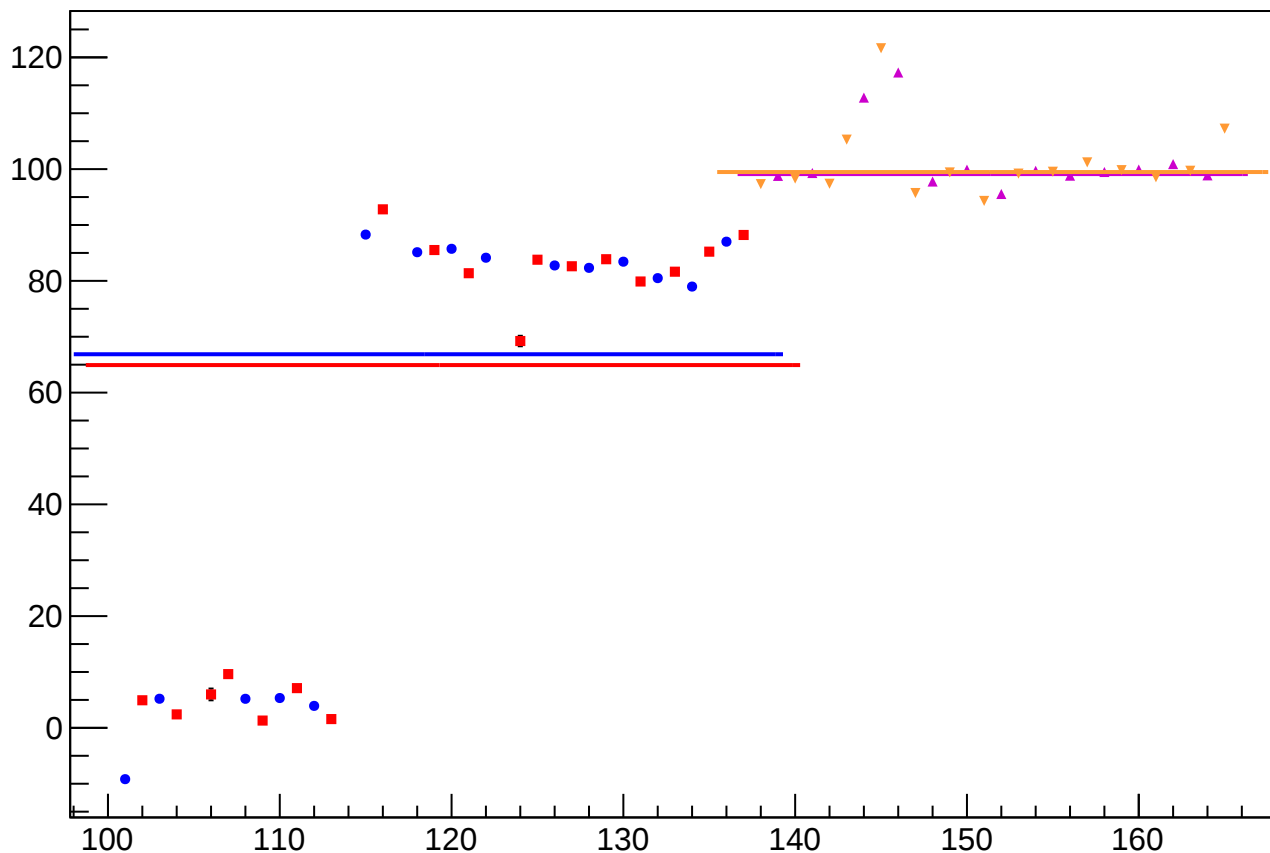
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 18.971 ± 0.006 $\chi^2/\text{NDF}: 307254.2/27$

Out: 18.989 ± 0.006 $\chi^2/\text{NDF}: 411148.3/32$

All: 18.980 ± 0.004 $\chi^2/\text{NDF}: 718407.0/60$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.478 $\pm$ 0.014 χ^2 /NDF: 69882.5/14

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.112 $\pm$ 0.013 χ^2 /NDF: 16402.3/12

Left: 99.293 $\pm$ 0.009 χ^2 /NDF: 86655.7/27

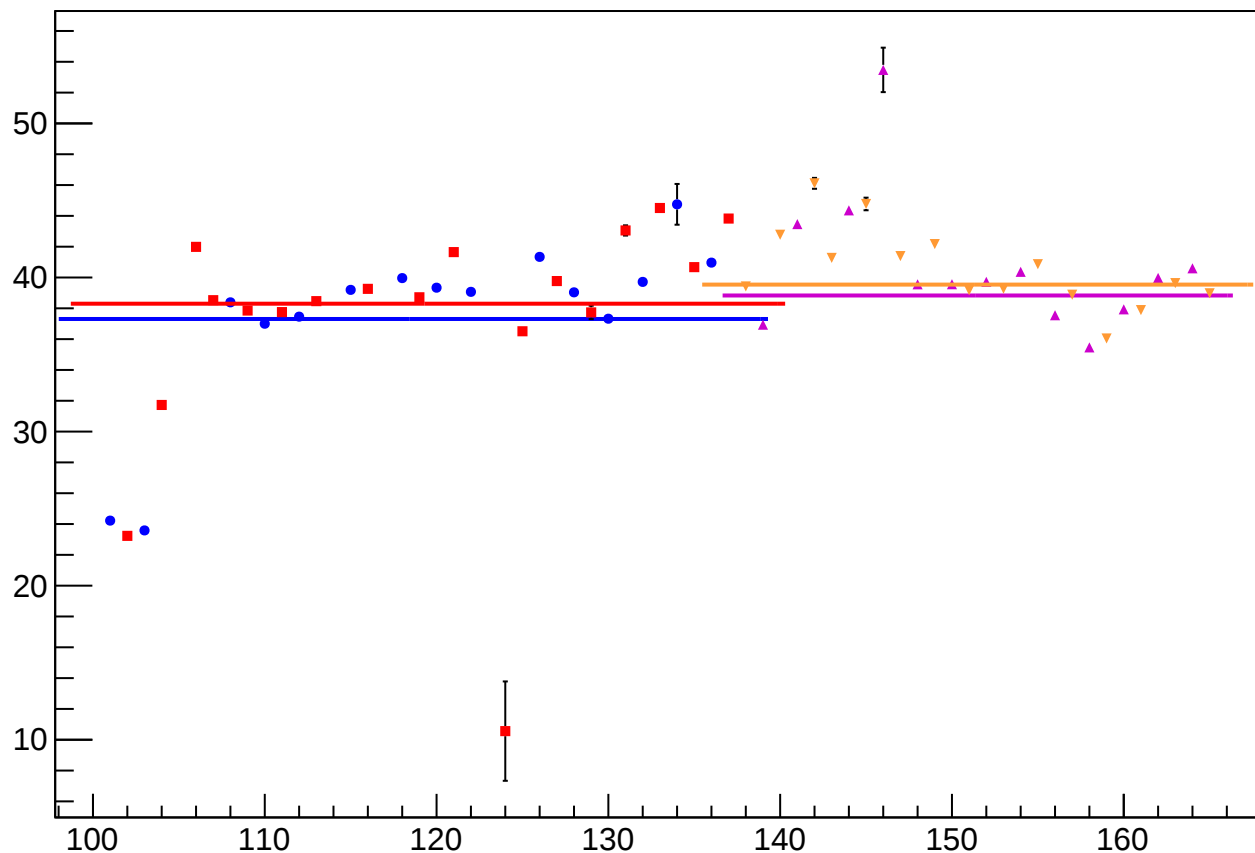
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 92.796 $\pm$ 0.012 χ^2 /NDF: 2652473.1/27

Out: 93.563 $\pm$ 0.012 χ^2 /NDF: 2523860.6/32

All: 93.169 $\pm$ 0.009 χ^2 /NDF: 5178326.0/60

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.539 ± 0.036 $\chi^2/\text{NDF}: 3881.9/14$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.833 ± 0.028 $\chi^2/\text{NDF}: 5418.2/12$

Left: 39.100 ± 0.022 $\chi^2/\text{NDF}: 9535.6/27$

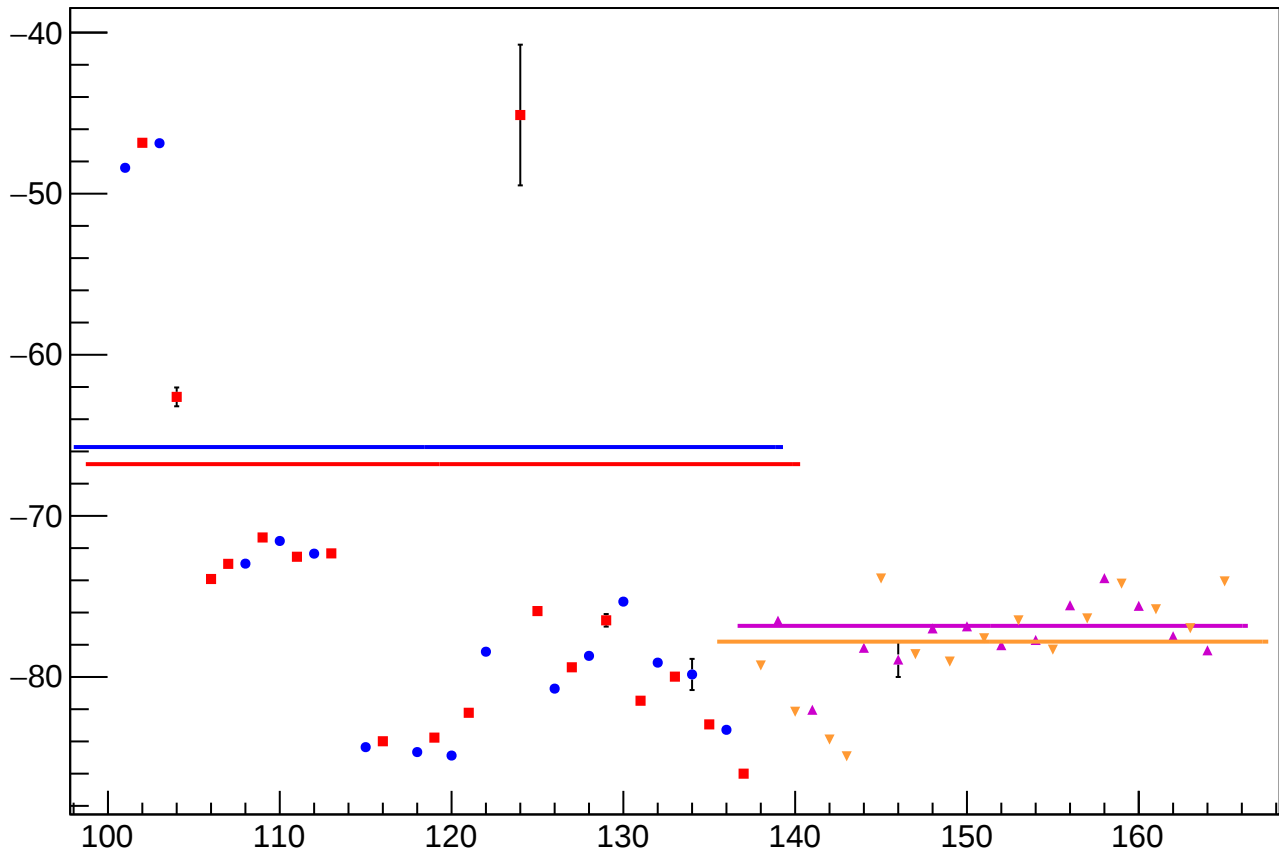
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.917 ± 0.018 $\chi^2/\text{NDF}: 66741.2/27$

Out: 38.600 ± 0.018 $\chi^2/\text{NDF}: 23605.4/32$

All: 38.259 ± 0.013 $\chi^2/\text{NDF}: 91076.5/60$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -77.806 $\pm$ 0.030 χ^2 /NDF:11544.3/14

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.826 $\pm$ 0.023 χ^2 /NDF:4834.7/12

Left: -77.179 $\pm$ 0.018 χ^2 /NDF: 17050.0/27

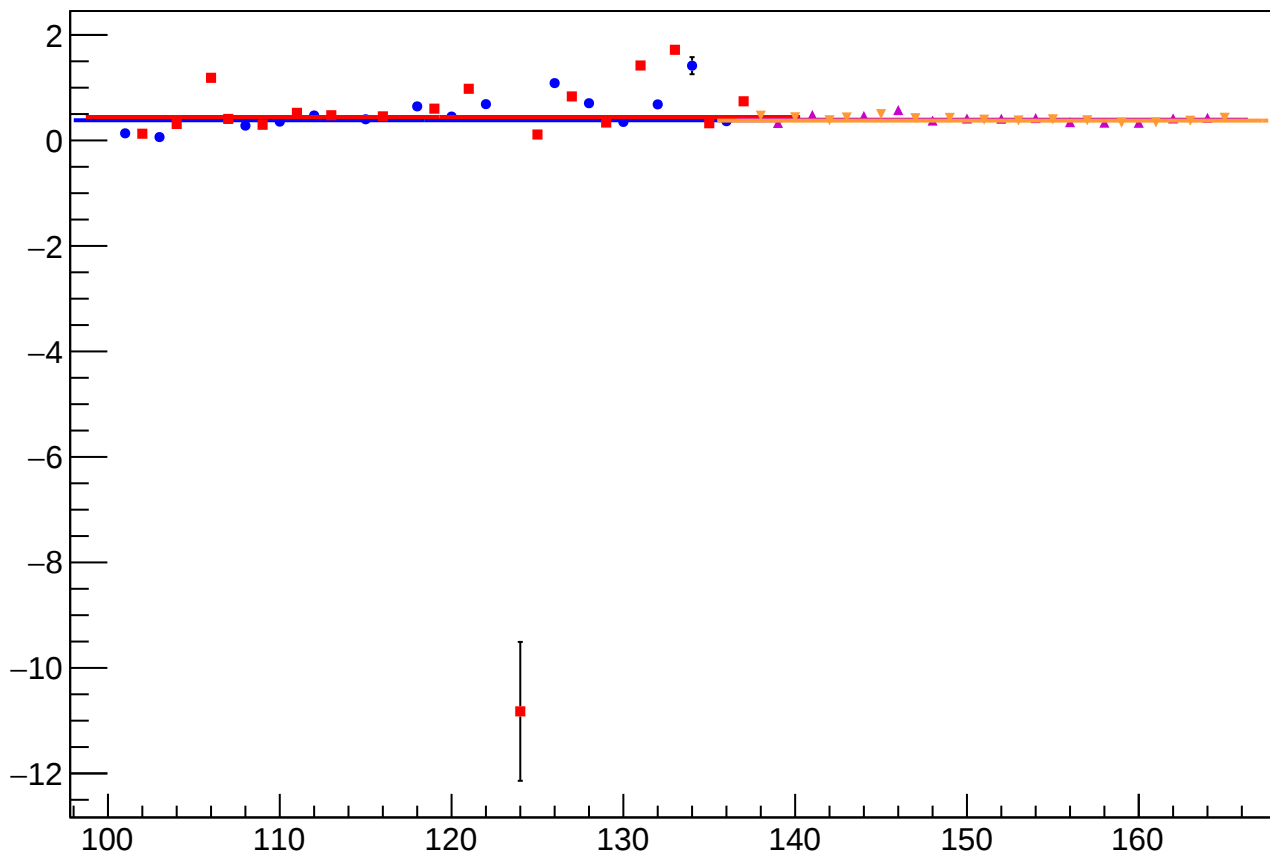
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.674 $\pm$ 0.014 χ^2 /NDF:1062145.1/27

Out: -69.150 $\pm$ 0.014 χ^2 /NDF:925068.3/32

All: -69.421 $\pm$ 0.010 χ^2 /NDF: 1987935.3/60

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.376 $\pm$ 0.001 χ^2 /NDF:5504.1/14

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.393 $\pm$ 0.001 χ^2 /NDF:6390.9/12

Left: 0.385 $\pm$ 0.000 χ^2 /NDF: 12374.4/27

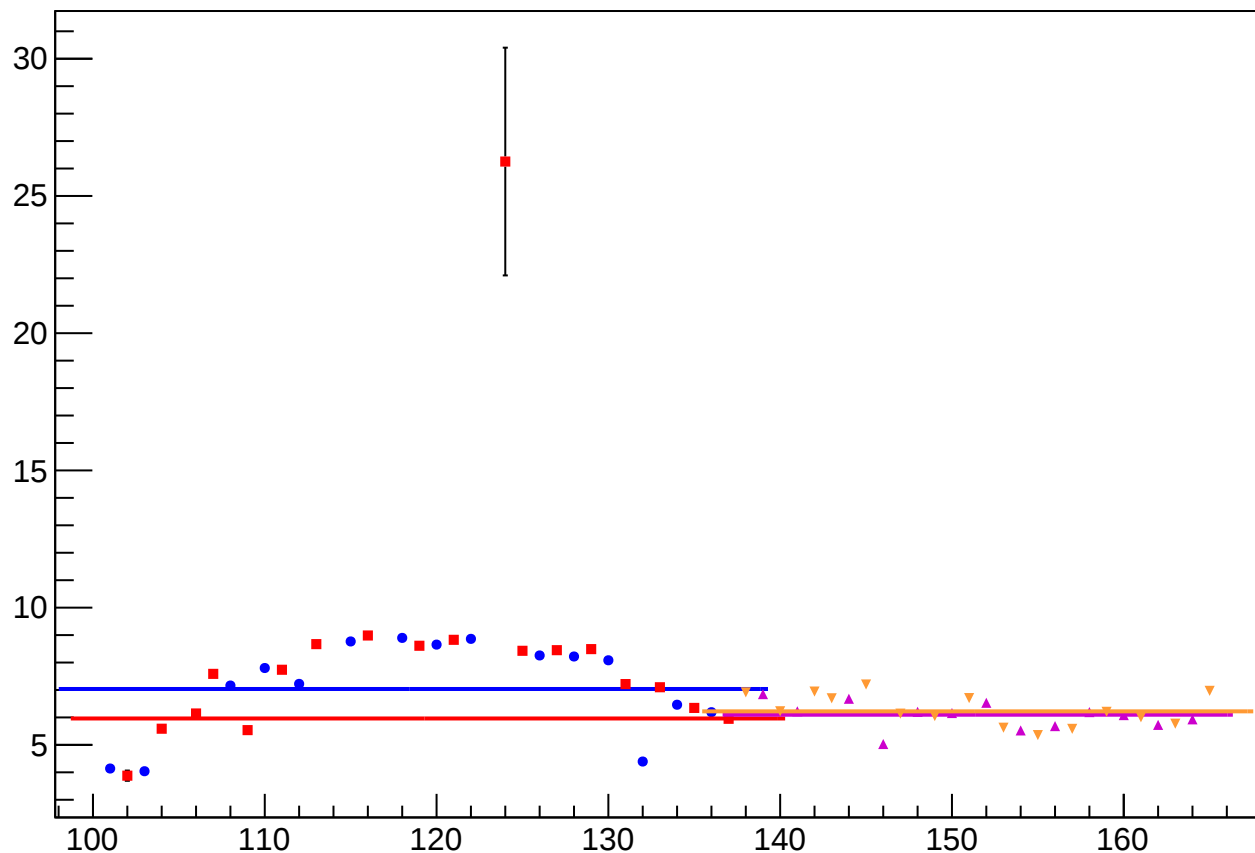
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF:14592.8/27

Out: 0.378 $\pm$ 0.001 χ^2 /NDF:8628.3/32

All: 0.385 $\pm$ 0.000 χ^2 /NDF: 23594.8/60

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.222 ± 0.002 χ^2/NDF : 31800.3/14

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.099 ± 0.002 χ^2/NDF : 28793.3/12

Left: 6.153 ± 0.001 χ^2/NDF : 62891.8/27

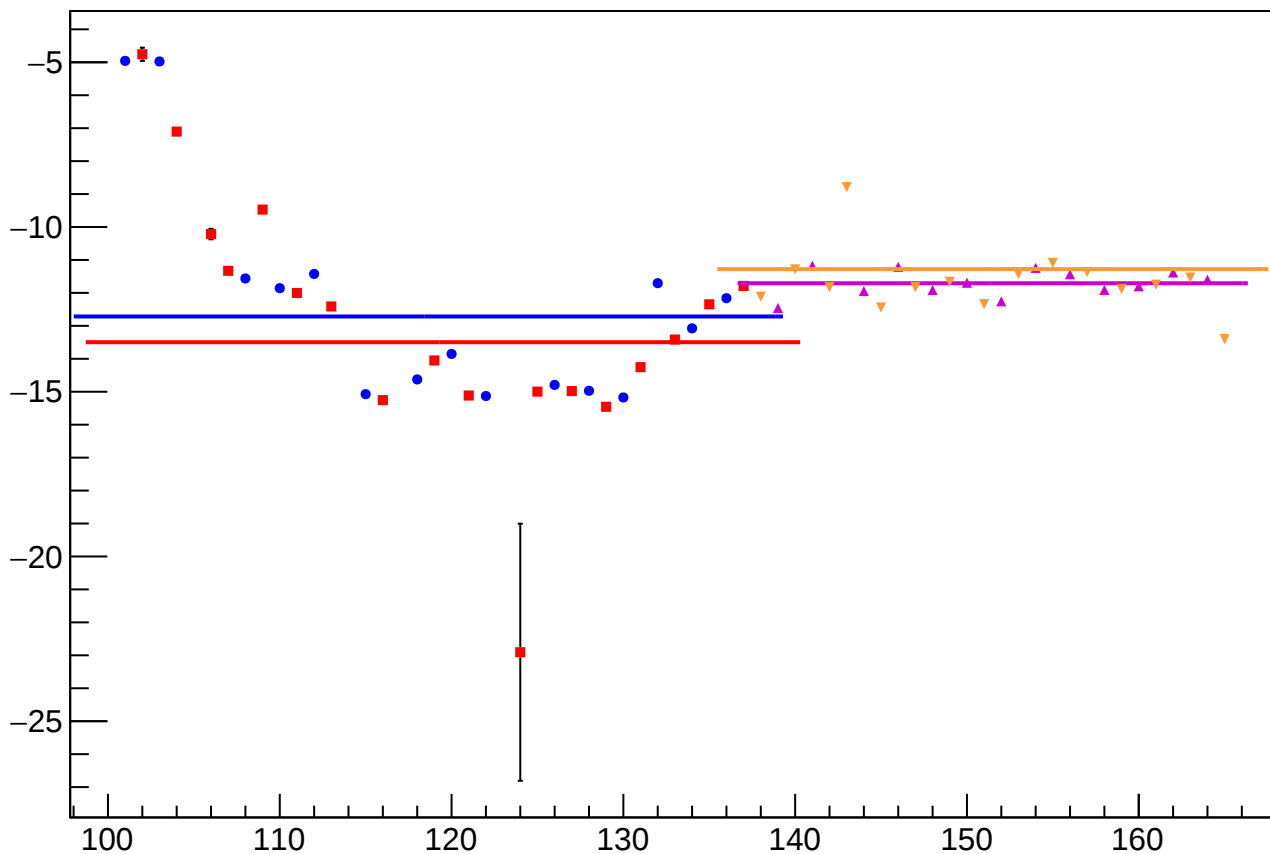
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.214 ± 0.002 χ^2/NDF : 136375.1/27

Out: 5.973 ± 0.000 χ^2/NDF : 217728.7/32

All: 5.987 ± 0.000 χ^2/NDF : 375845.7/60

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.278 $\pm$ 0.003 χ^2 /NDF: 201827.5/14

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.707 $\pm$ 0.002 χ^2 /NDF: 13054.6/12

Left: -11.506 $\pm$ 0.002 χ^2 /NDF: 230378.8/27

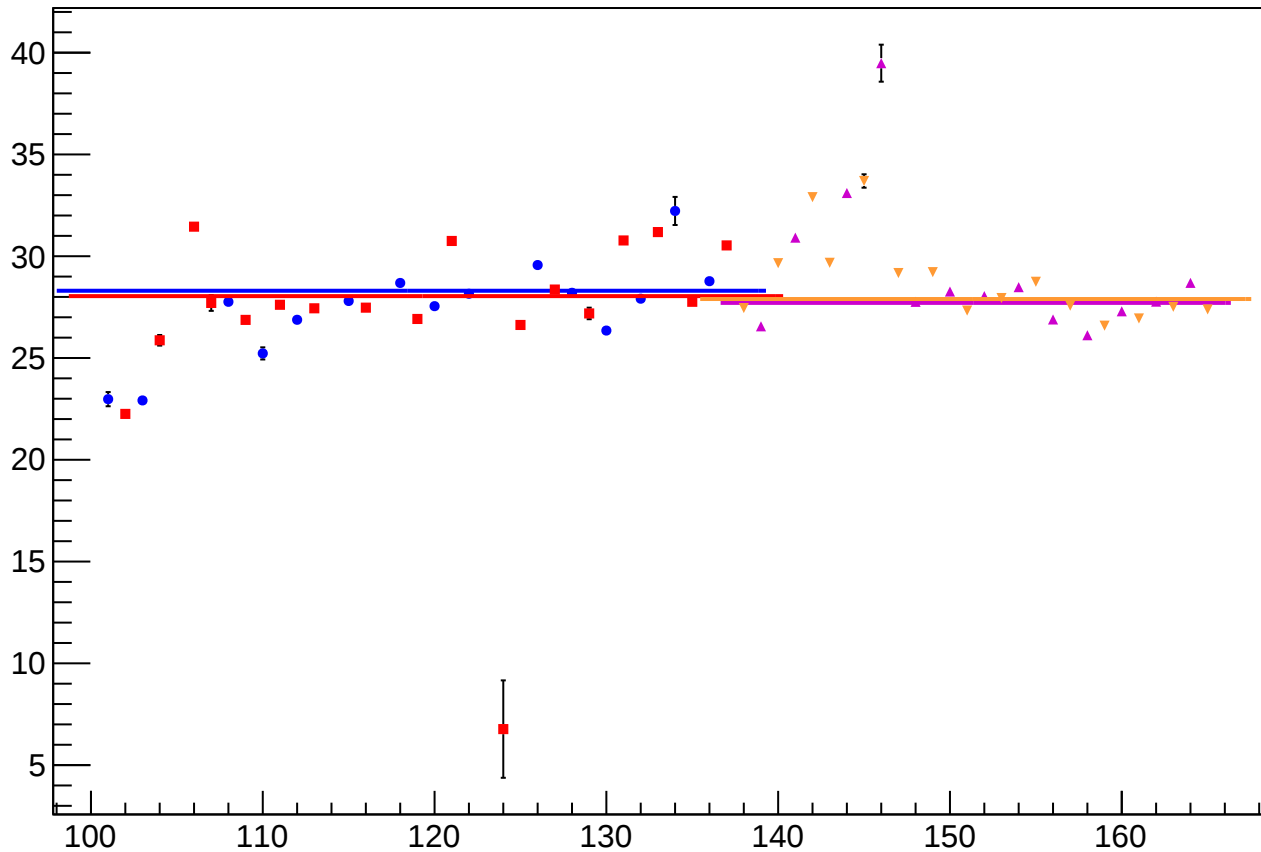
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.828 $\pm$ 0.002 χ^2 /NDF: 120280.3/27

Out: -11.627 $\pm$ 0.002 χ^2 /NDF: 380352.9/32

All: -11.732 $\pm$ 0.002 χ^2 /NDF: 504589.9/60

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.898 ± 0.021 $\chi^2/\text{NDF}: 3557.4/14$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.708 ± 0.017 $\chi^2/\text{NDF}: 4635.4/12$

Left: 27.782 ± 0.013 $\chi^2/\text{NDF}: 8242.3/27$

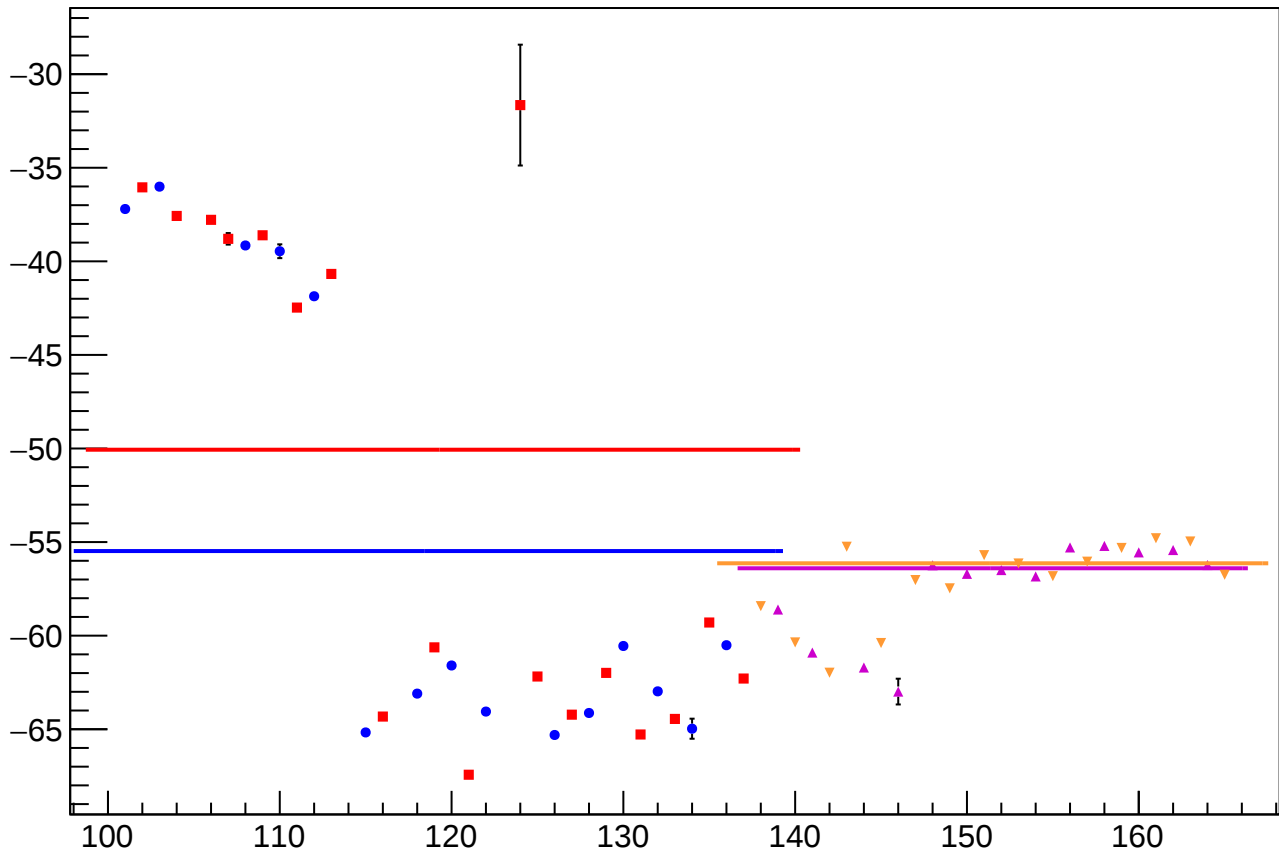
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.915 ± 0.014 $\chi^2/\text{NDF}: 8470.4/27$

Out: 27.944 ± 0.017 $\chi^2/\text{NDF}: 6133.7/32$

All: 27.926 ± 0.011 $\chi^2/\text{NDF}: 14605.8/60$

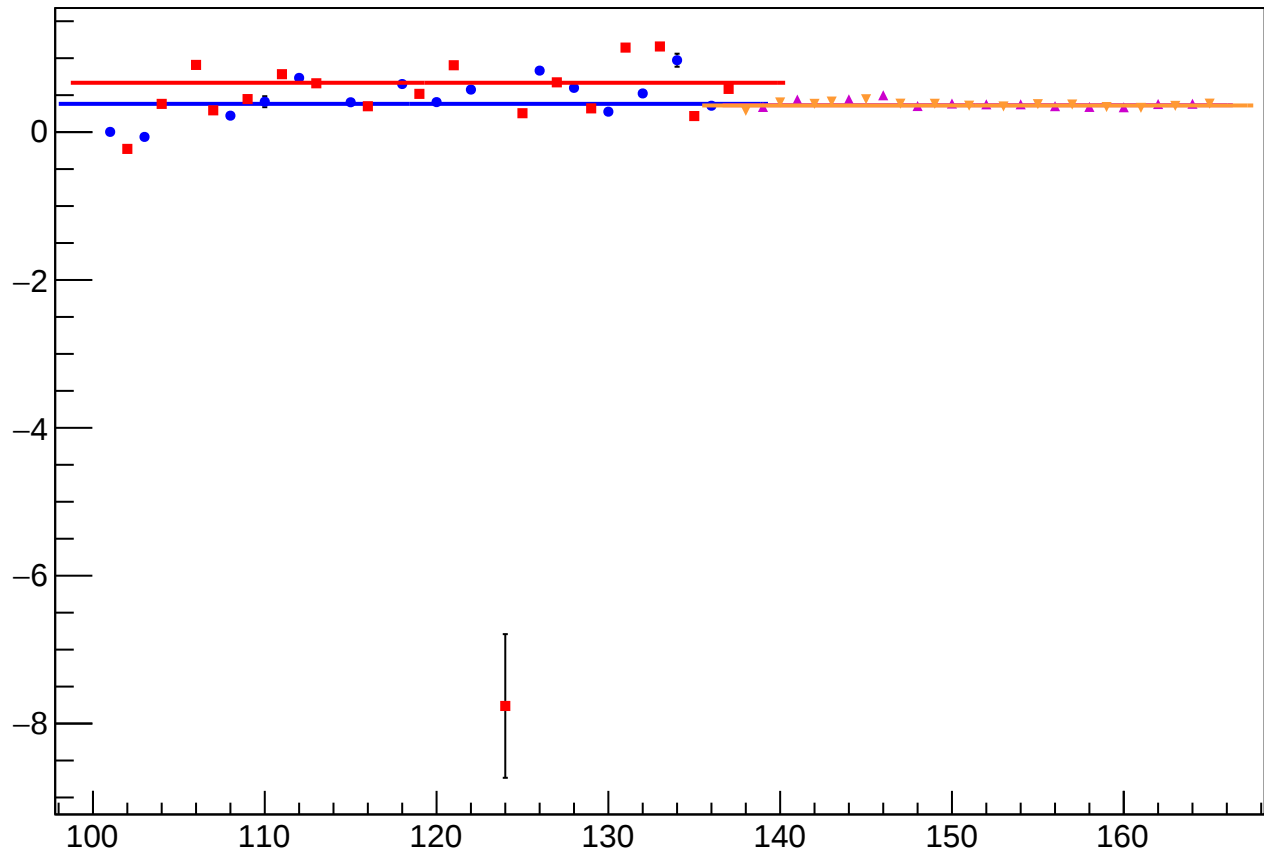
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14
 Left Out: -56.134 $\pm$ 0.018 χ^2 /NDF: 6589.9/14
 Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17
 Left In: -56.400 $\pm$ 0.014 χ^2 /NDF: 8062.3/12

Left: -56.297 $\pm$ 0.011 χ^2 /NDF: 14788.0/27
 Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32
 In: -56.009 $\pm$ 0.011 χ^2 /NDF: 604977.3/27
 Out: -53.864 $\pm$ 0.014 χ^2 /NDF: 389794.0/32
 All: -55.219 $\pm$ 0.009 χ^2 /NDF: 1009298.1/60

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.360 ± 0.000 $\chi^2/\text{NDF}: 3888.1/14$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.364 ± 0.000 $\chi^2/\text{NDF}: 4986.0/12$

Left: 0.363 ± 0.000 $\chi^2/\text{NDF}: 8921.3/27$

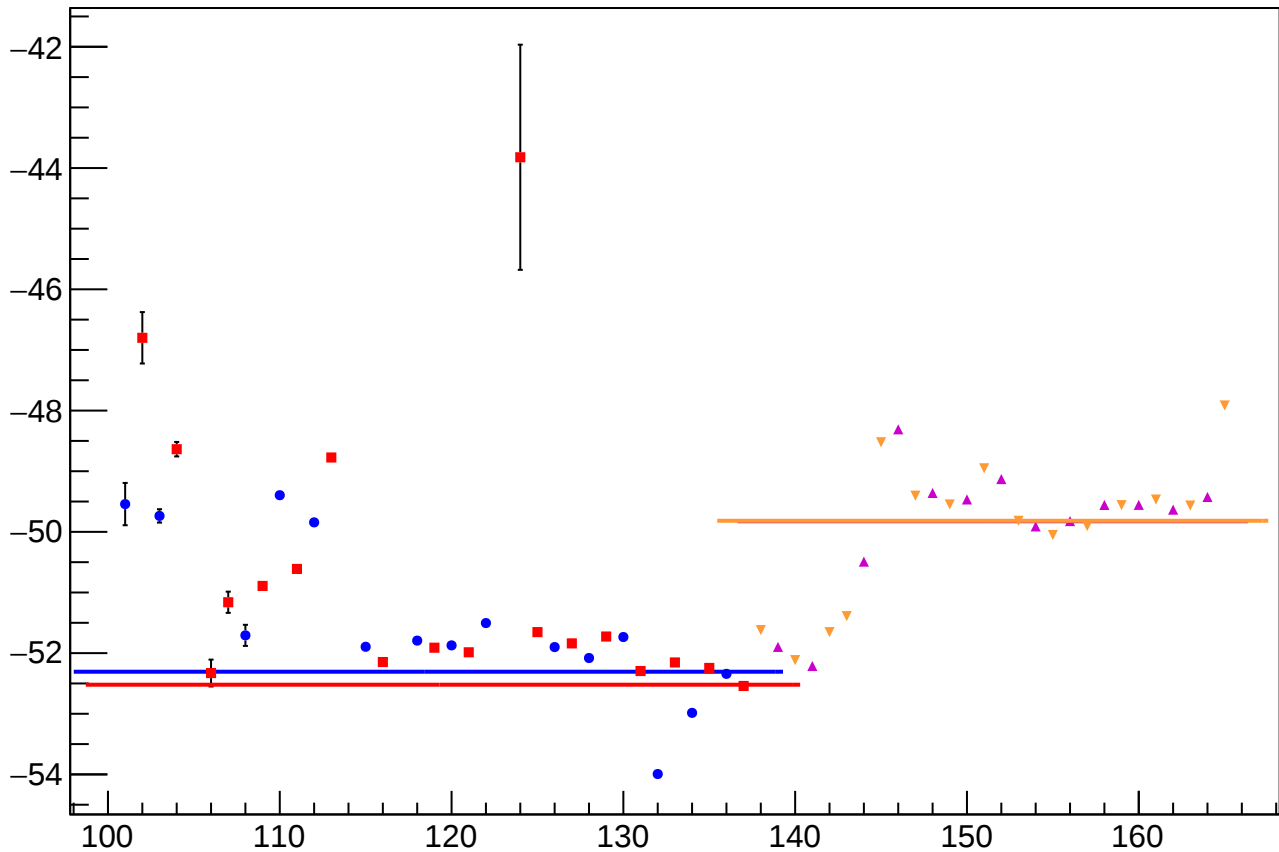
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 9701.4/27$

Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 12002.5/32$

All: 0.364 ± 0.000 $\chi^2/\text{NDF}: 21720.7/60$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF : 25427.4/14

Left Out: -49.817+/-0.002 χ^2/NDF : 174524.8/14

Right Out: -52.521+/-0.001 χ^2/NDF : 14961.7/17

Left In: -49.825+/-0.002 χ^2/NDF : 233666.8/12

Left: -49.821+/-0.001 χ^2/NDF : 408202.8/27

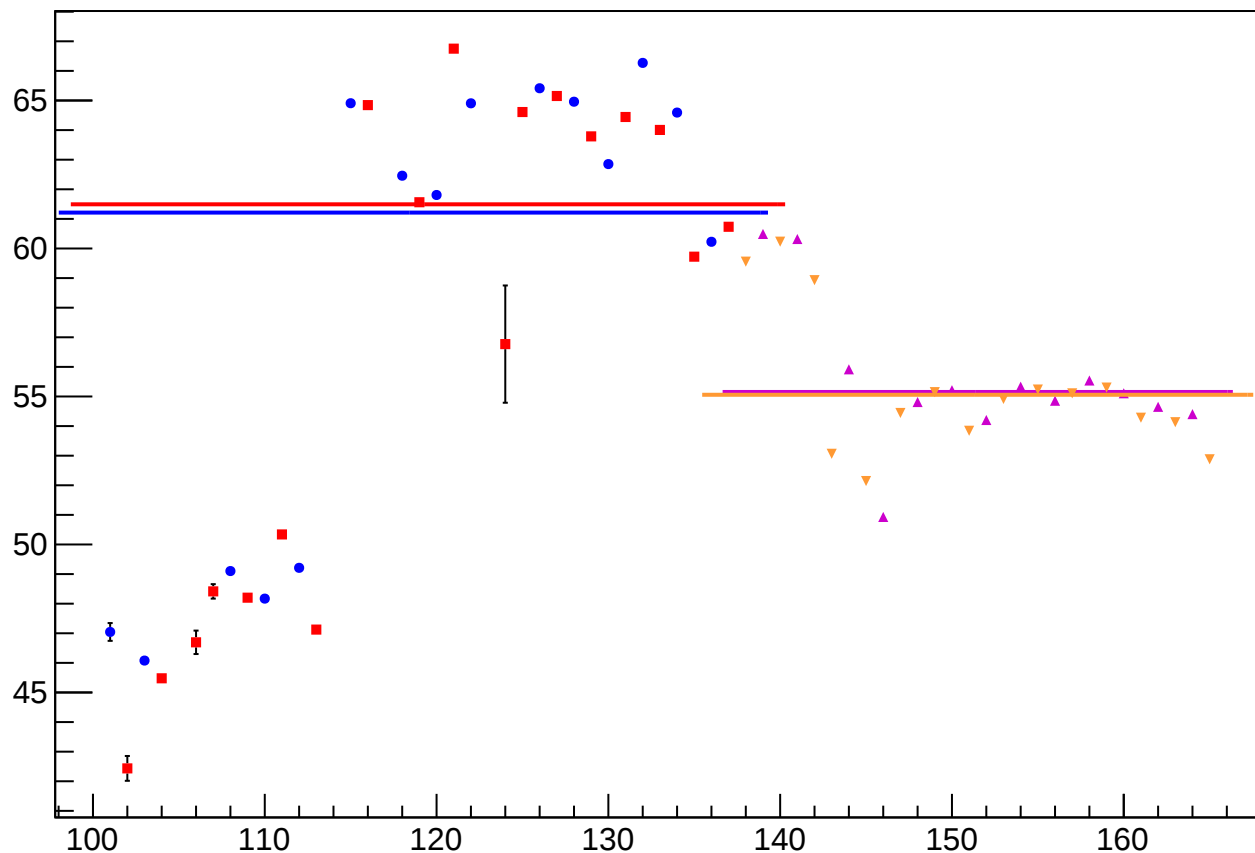
Right: -52.505+/-0.001 χ^2/NDF : 43203.2/32

In: -50.187+/-0.001 χ^2/NDF : 608488.3/27

Out: -51.719+/-0.001 χ^2/NDF : 1970252.1/32

All: -51.289+/-0.001 χ^2/NDF : 3348491.8/60

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.058 ± 0.004 $\chi^2/\text{NDF}: 205178.3/14$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.152 ± 0.003 $\chi^2/\text{NDF}: 62519.3/12$

Left: 55.112 ± 0.002 $\chi^2/\text{NDF}: 268104.8/27$

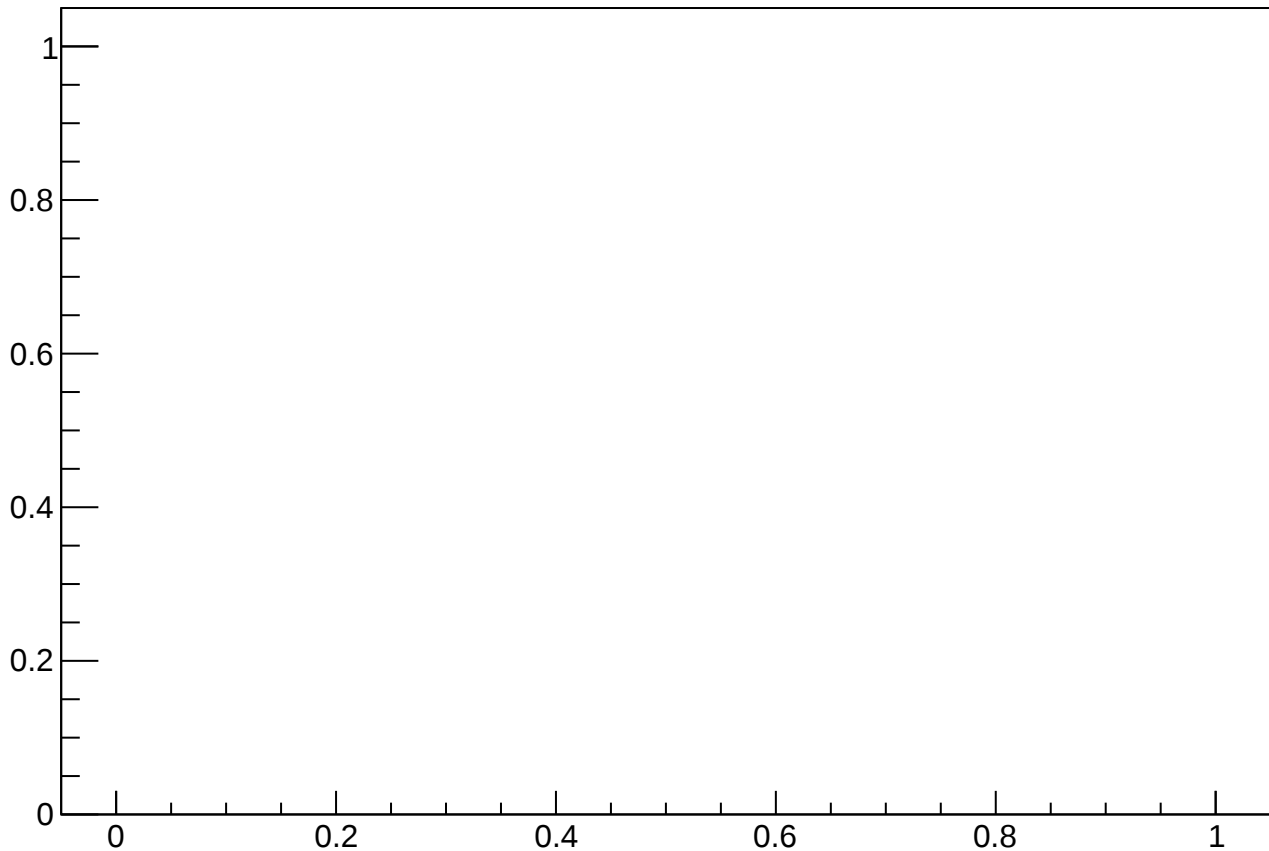
Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.675 ± 0.003 $\chi^2/\text{NDF}: 559698.3/27$

Out: 56.468 ± 0.003 $\chi^2/\text{NDF}: 1165303.1/32$

All: 56.042 ± 0.002 $\chi^2/\text{NDF}: 1759235.1/60$

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

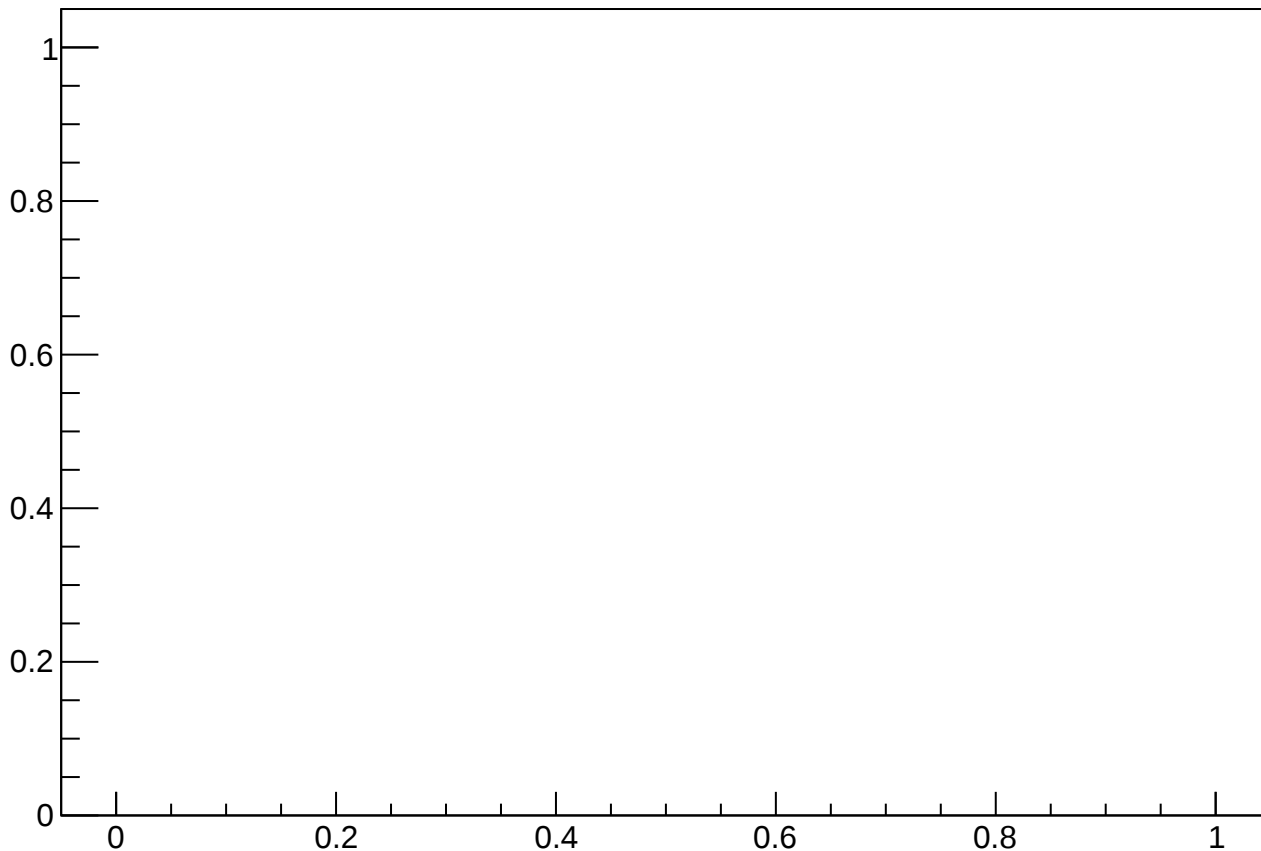
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

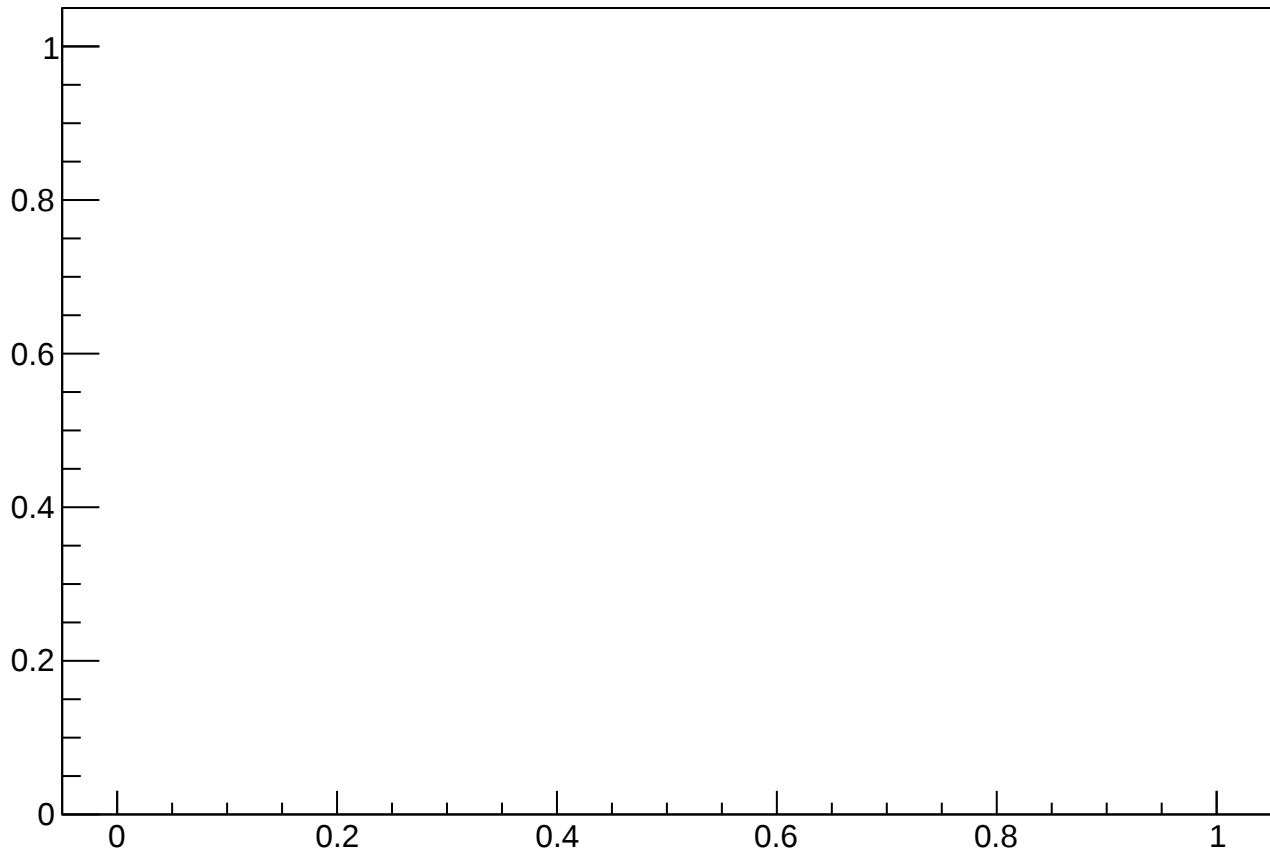
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

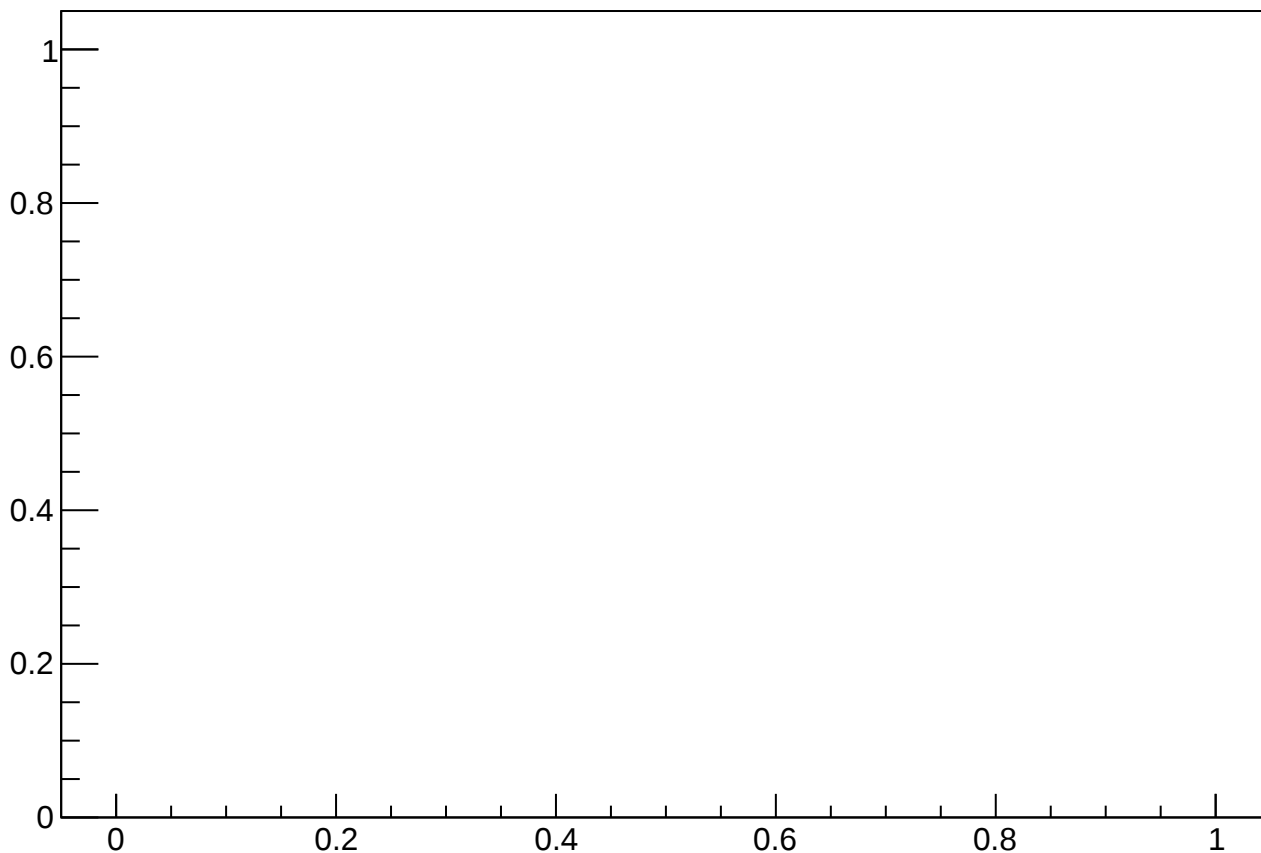
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

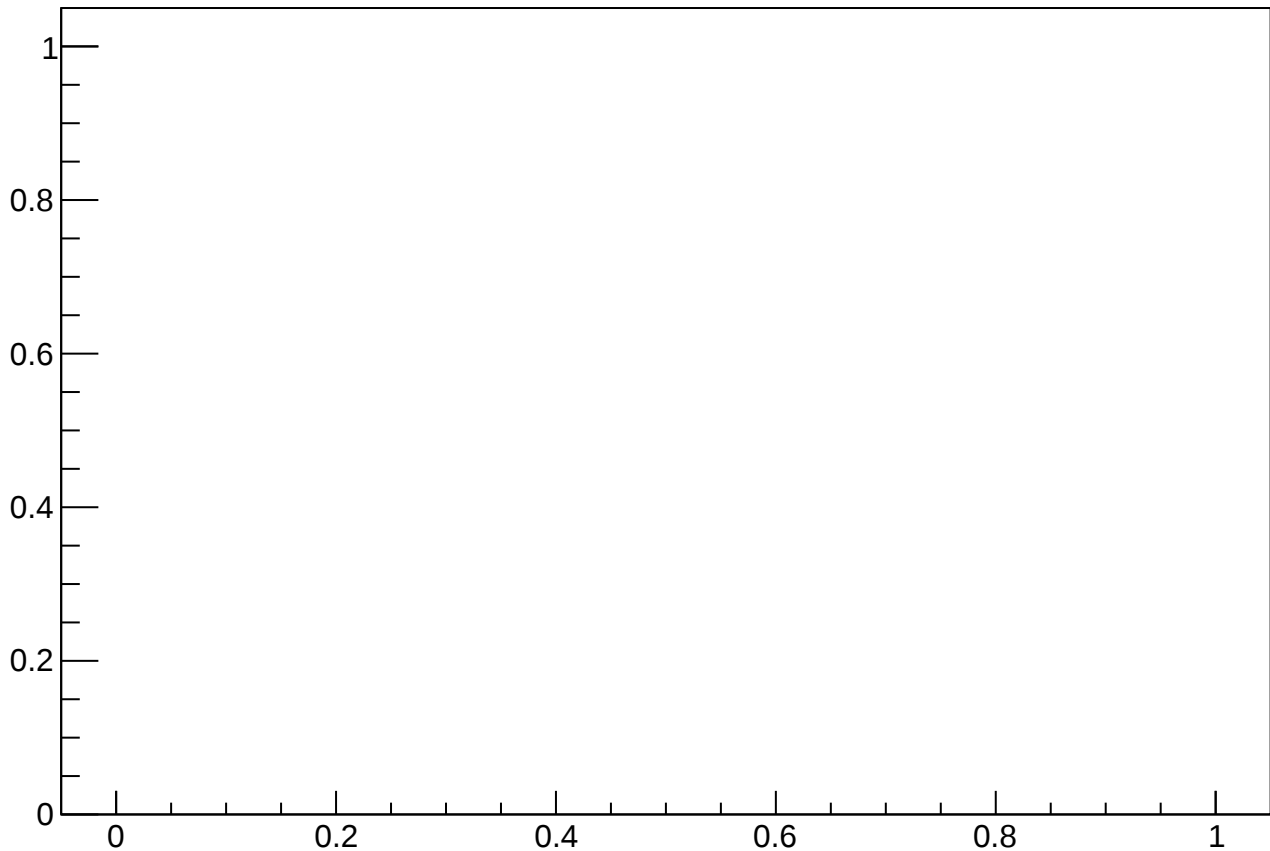
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

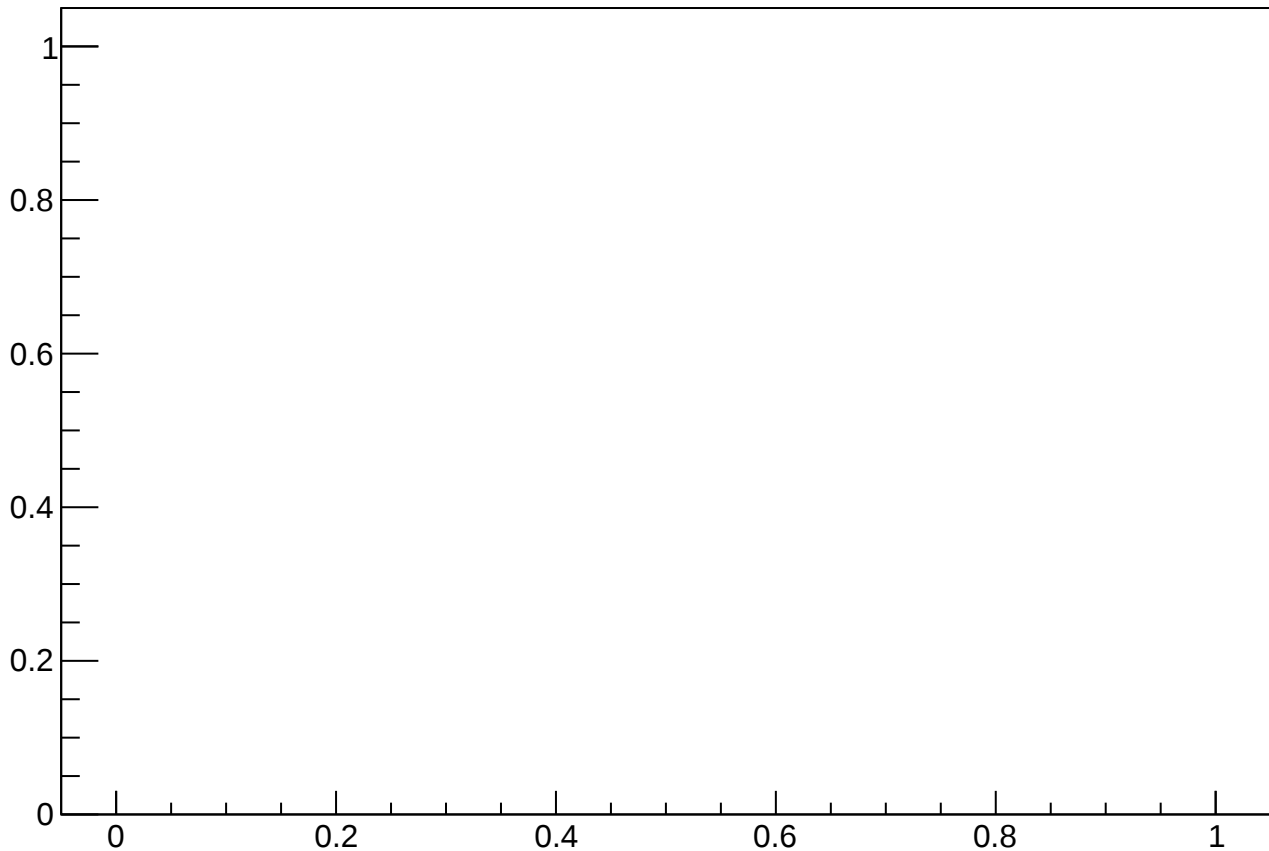
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

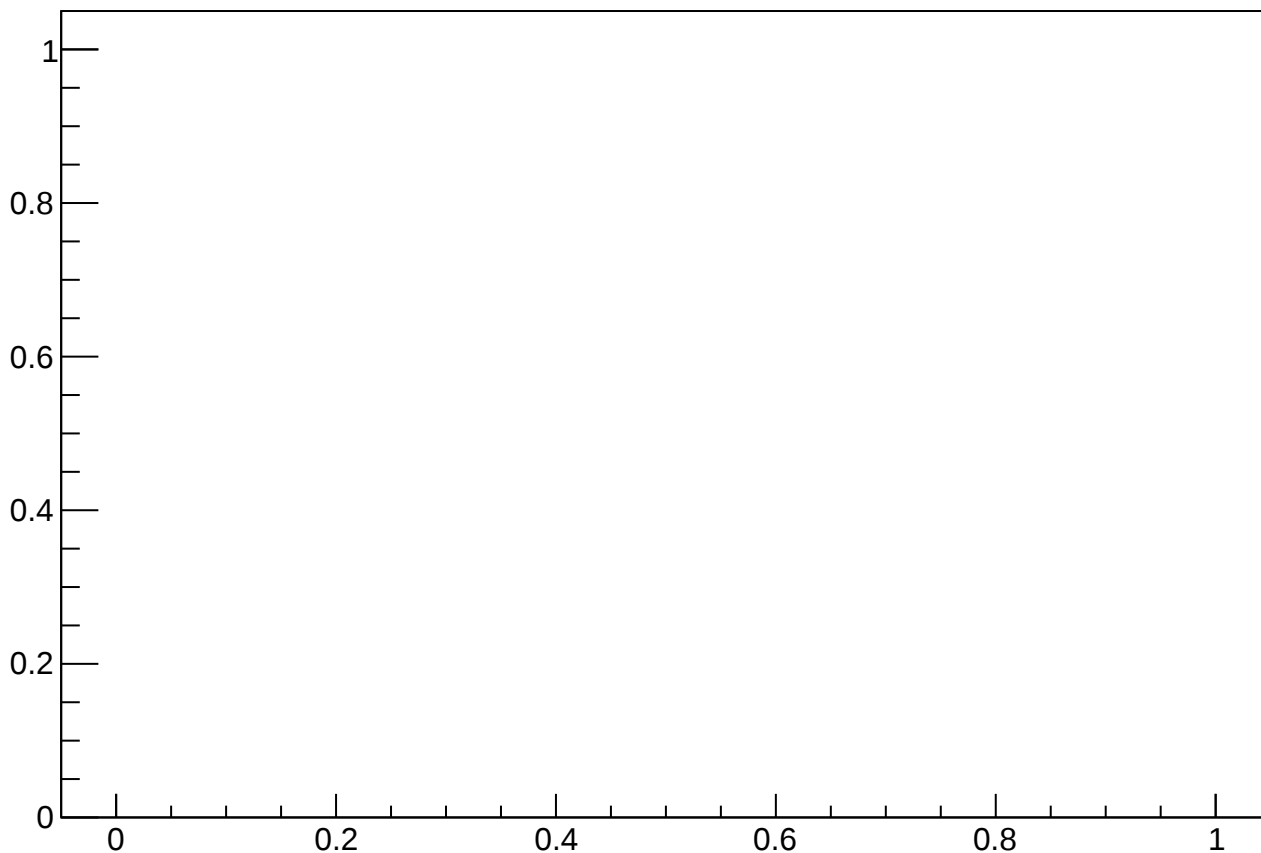
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

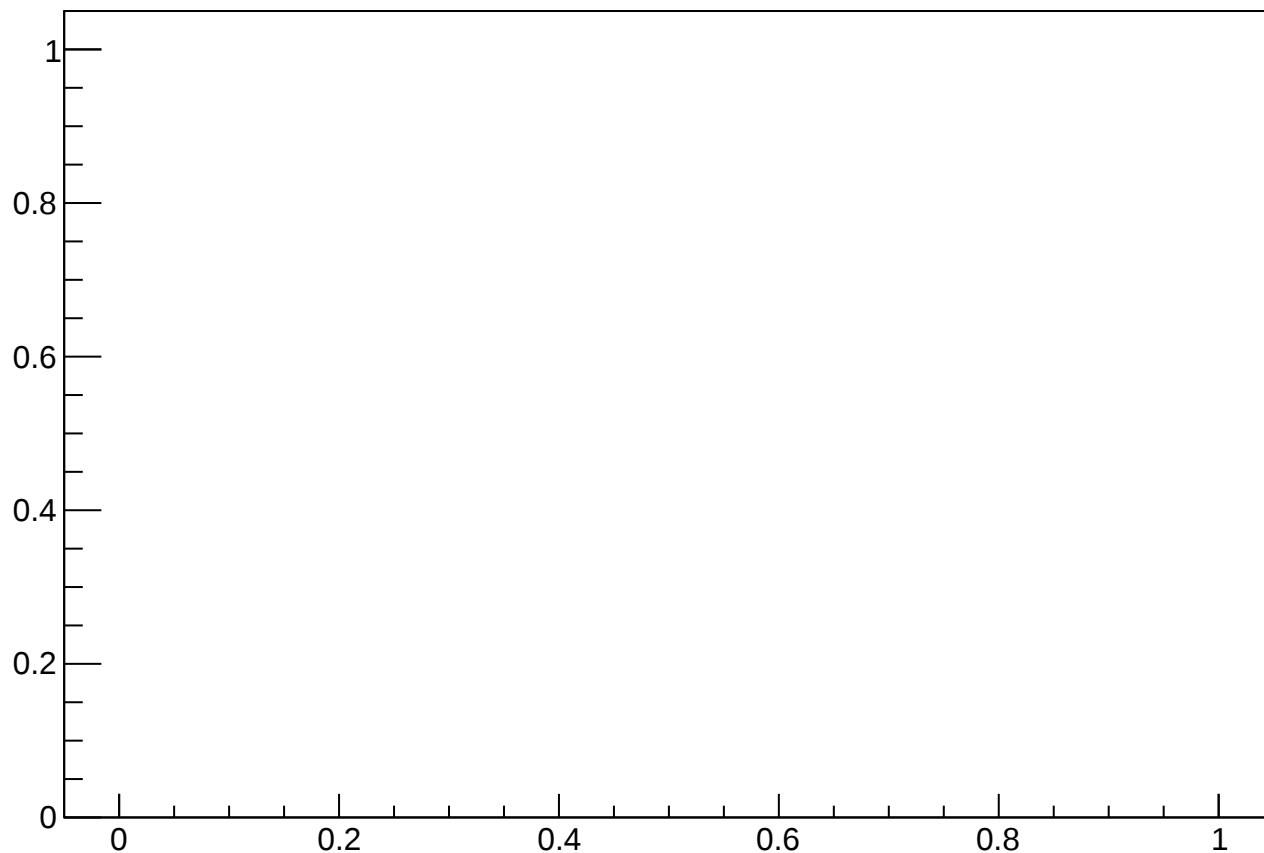
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

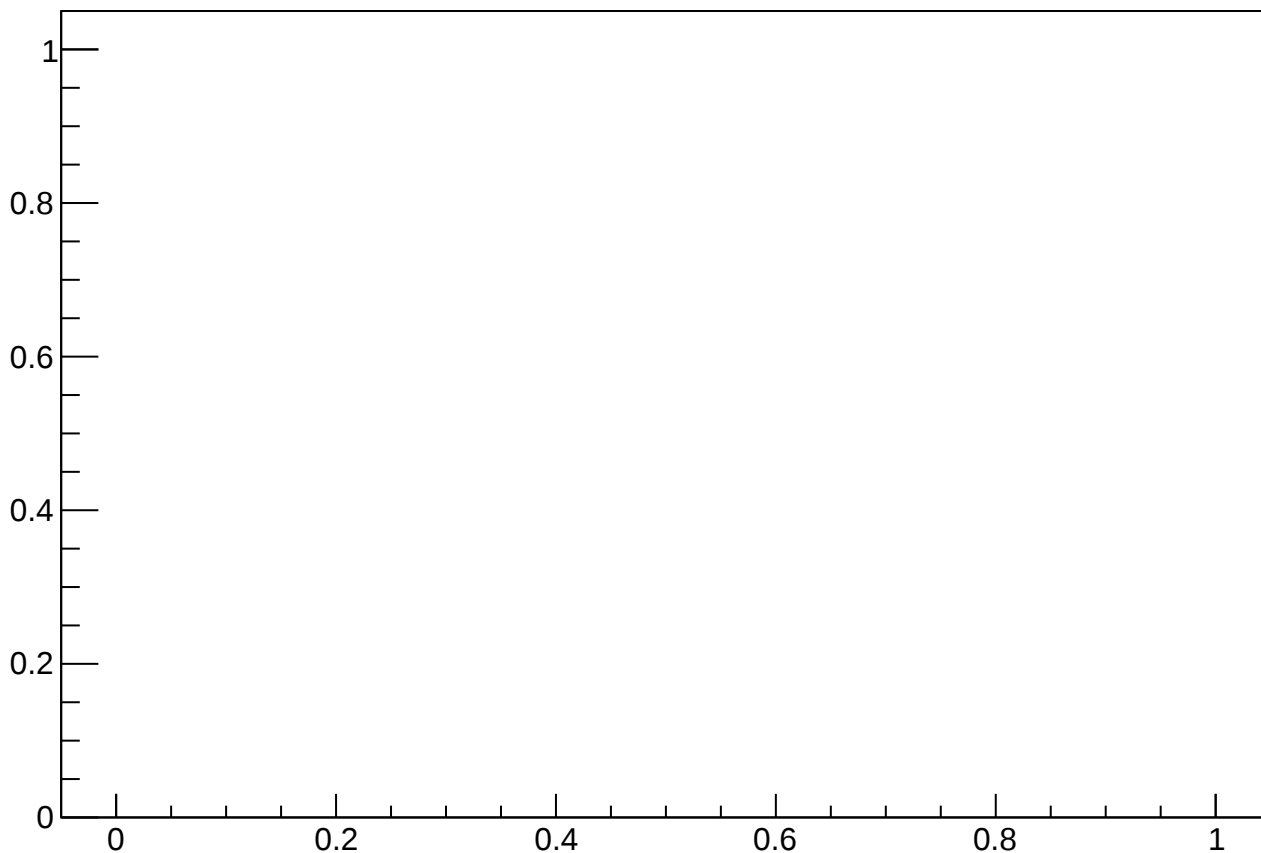
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

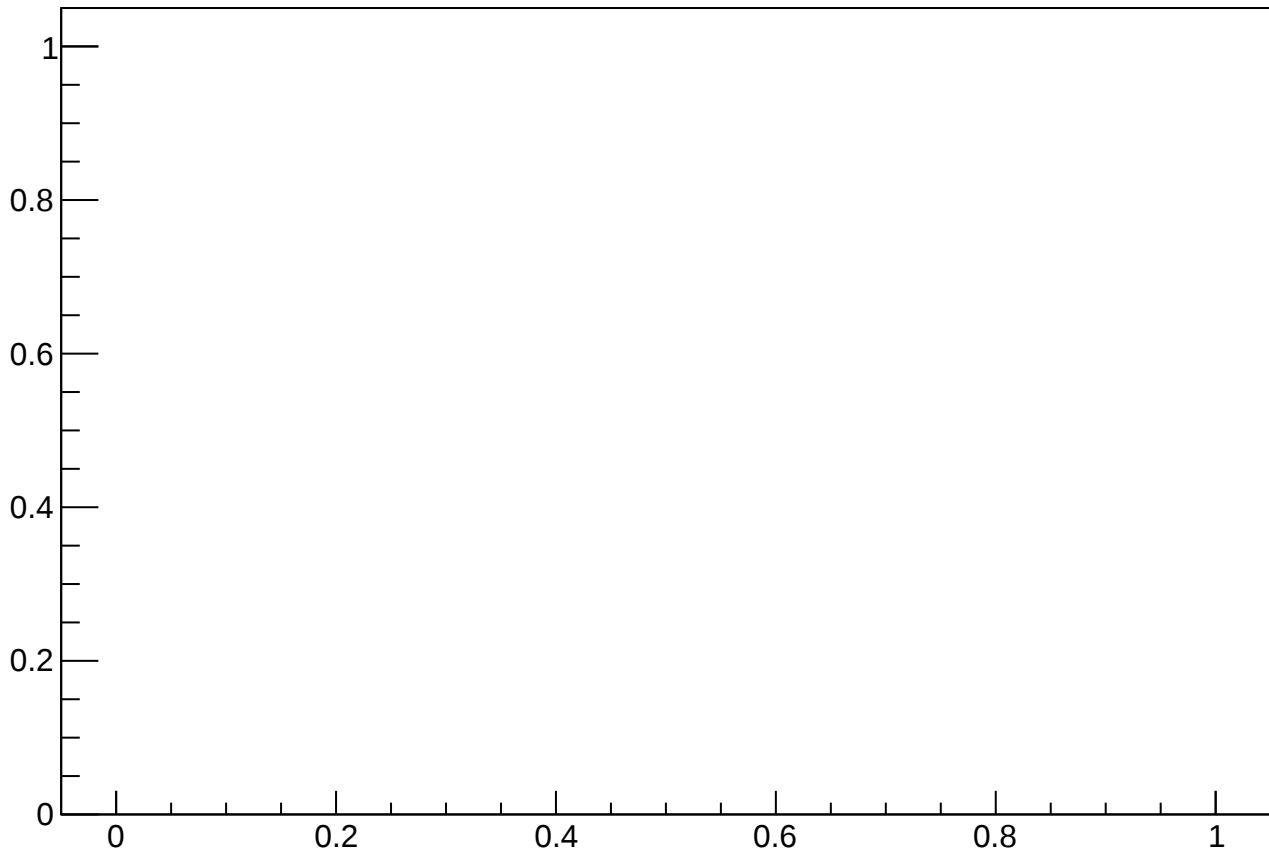
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

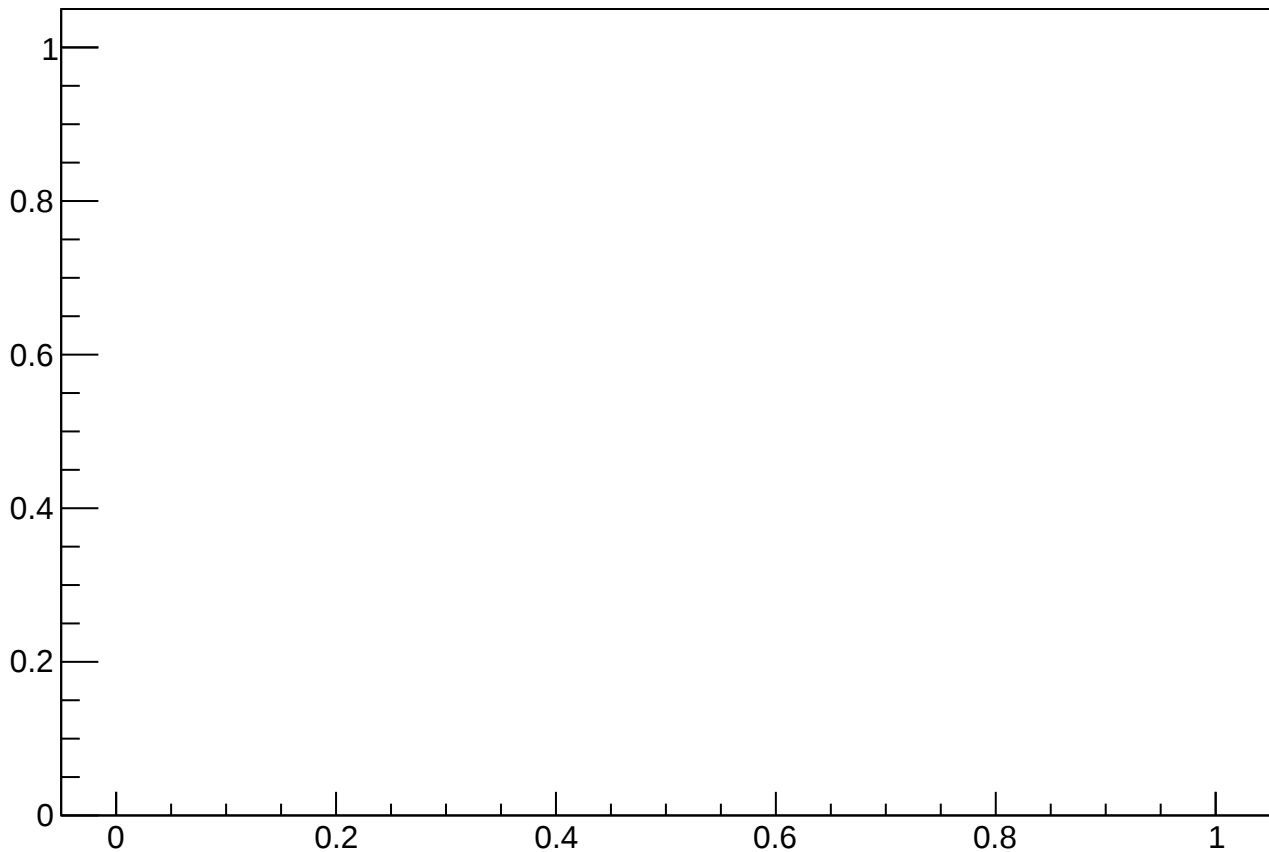
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

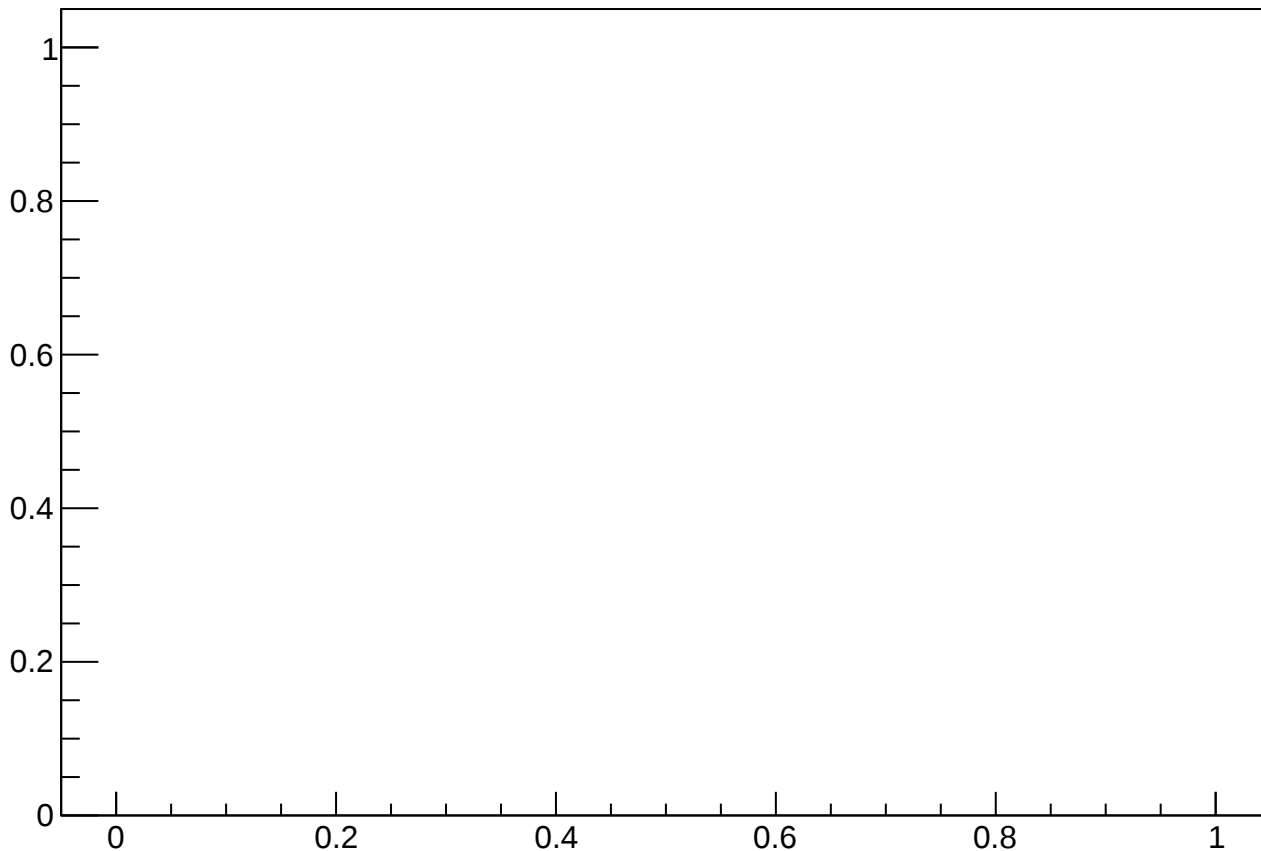
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

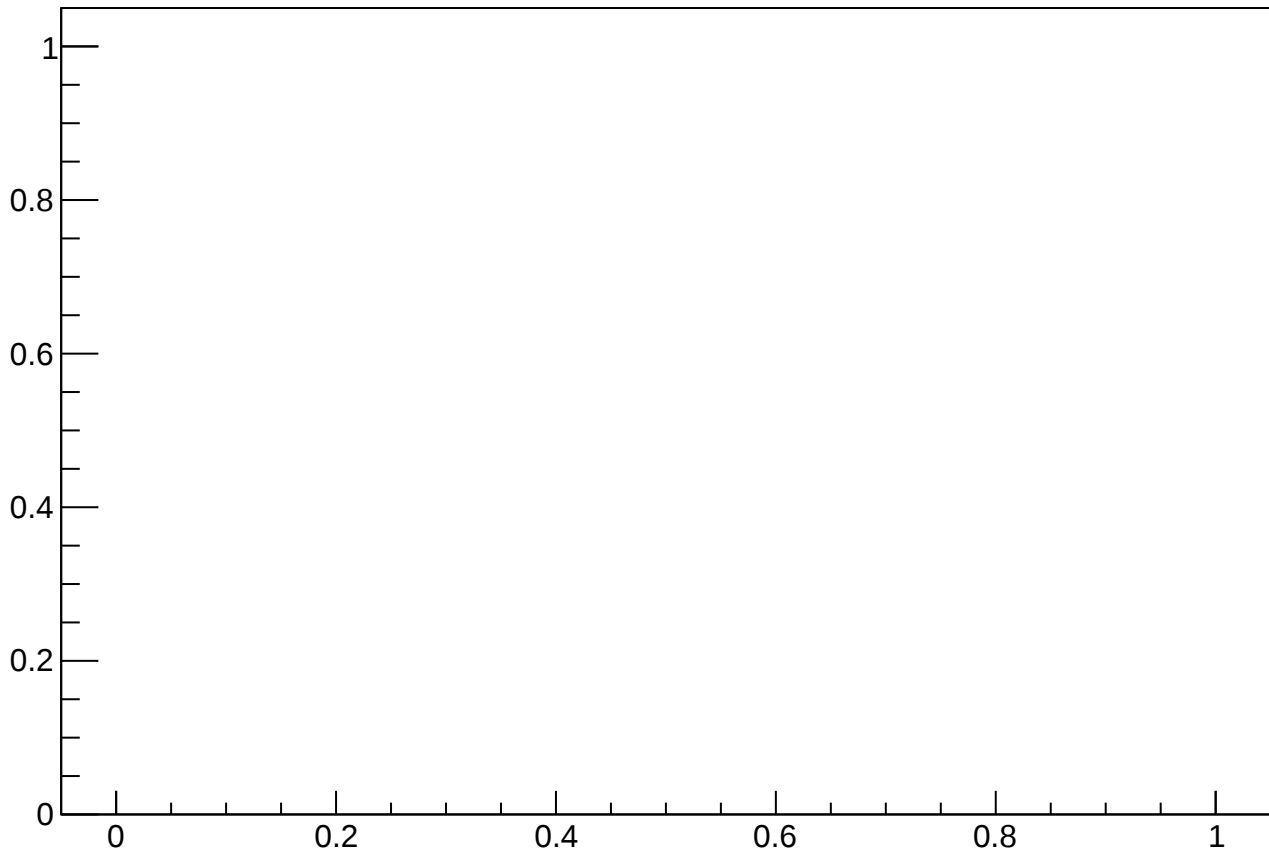
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

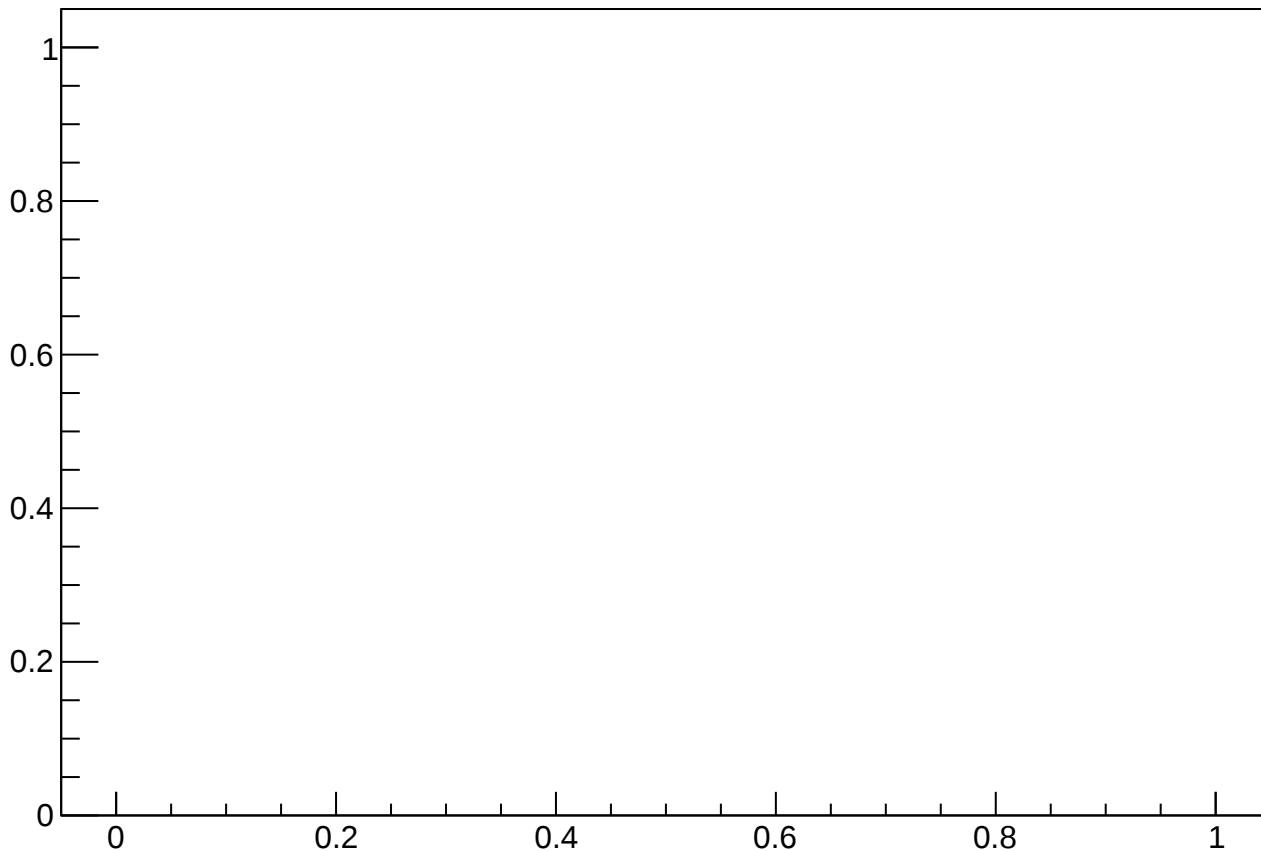
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

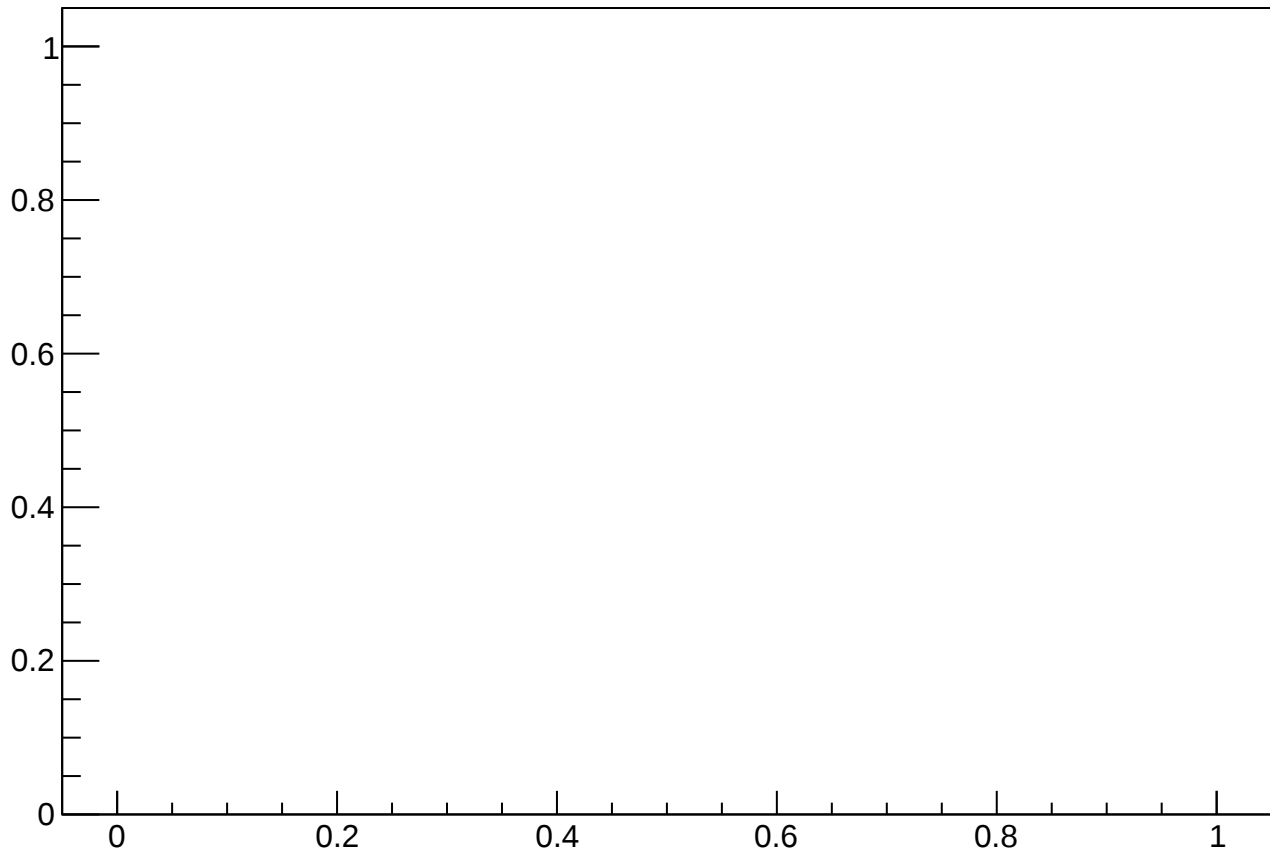
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

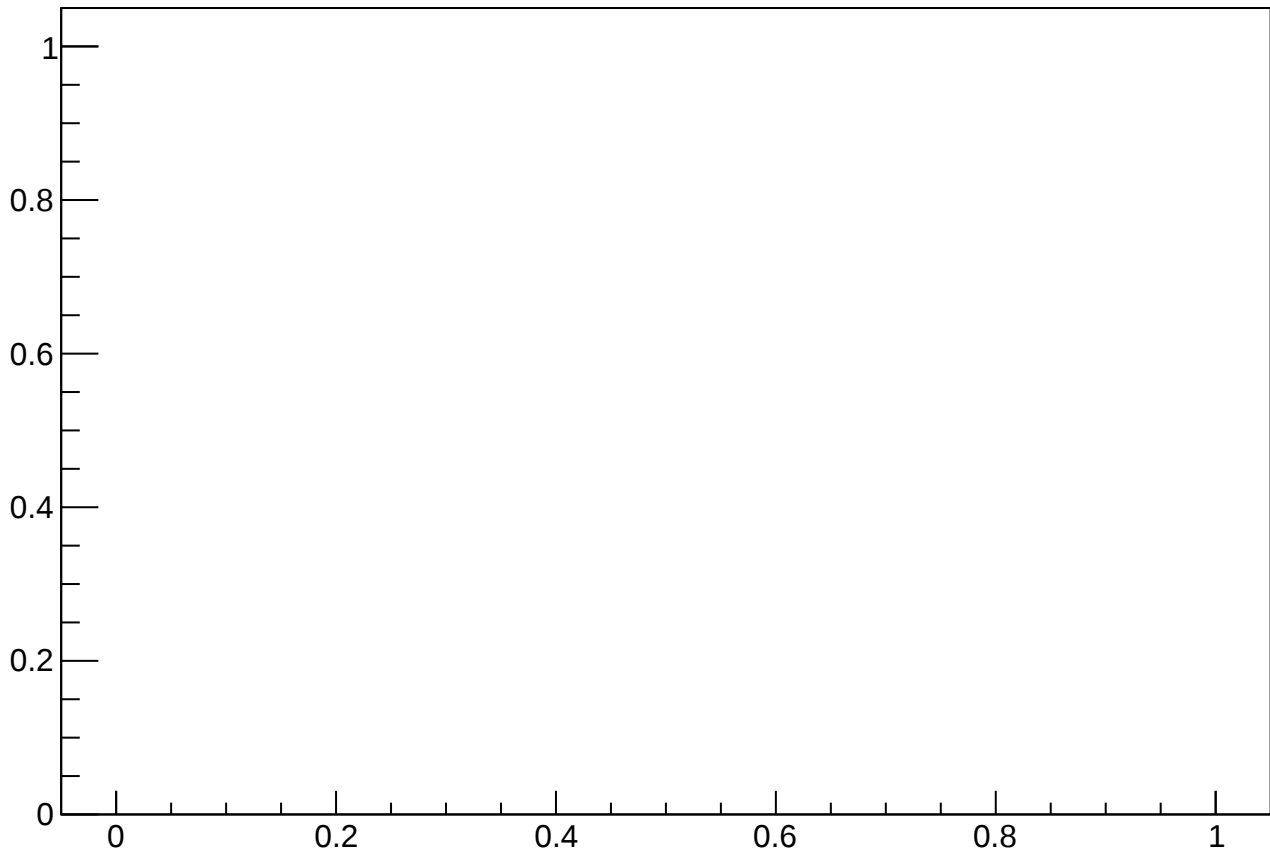
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

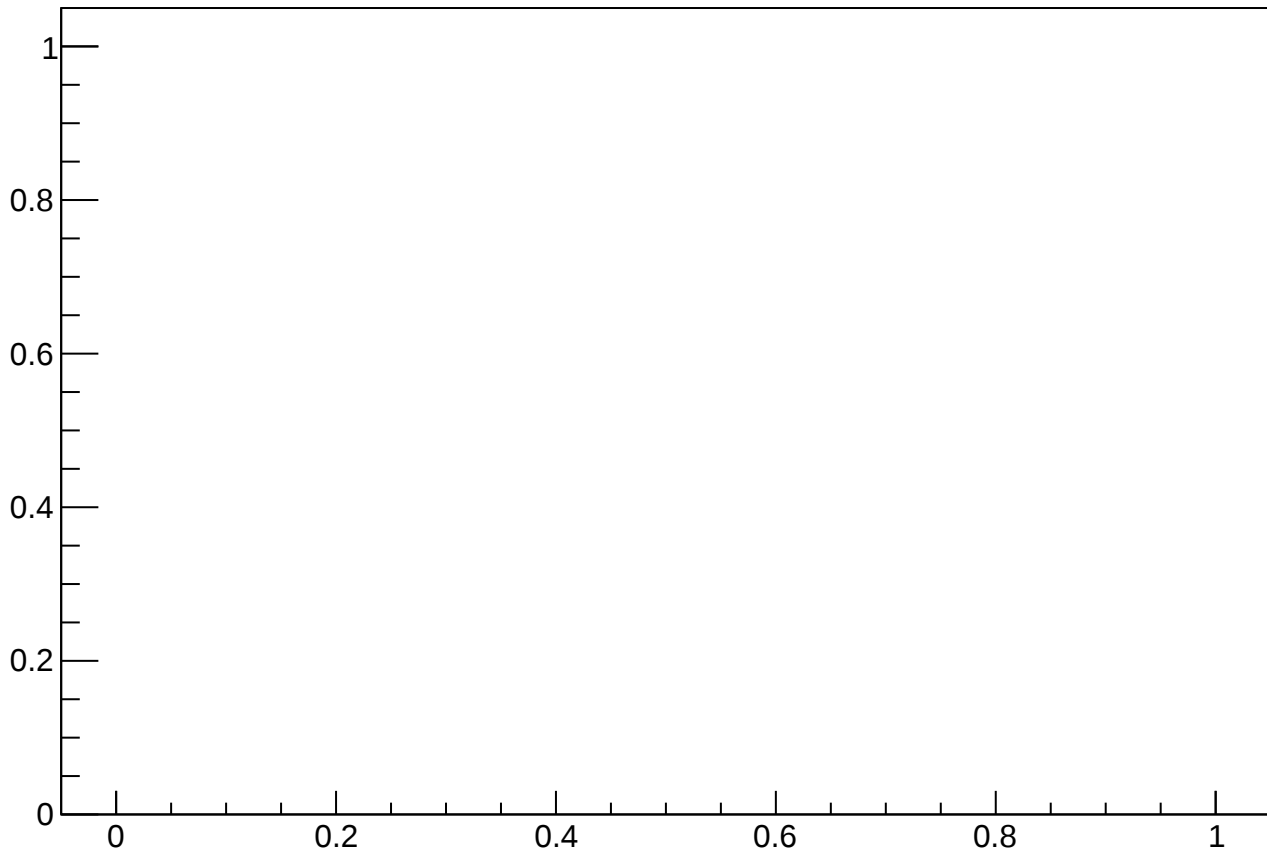
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

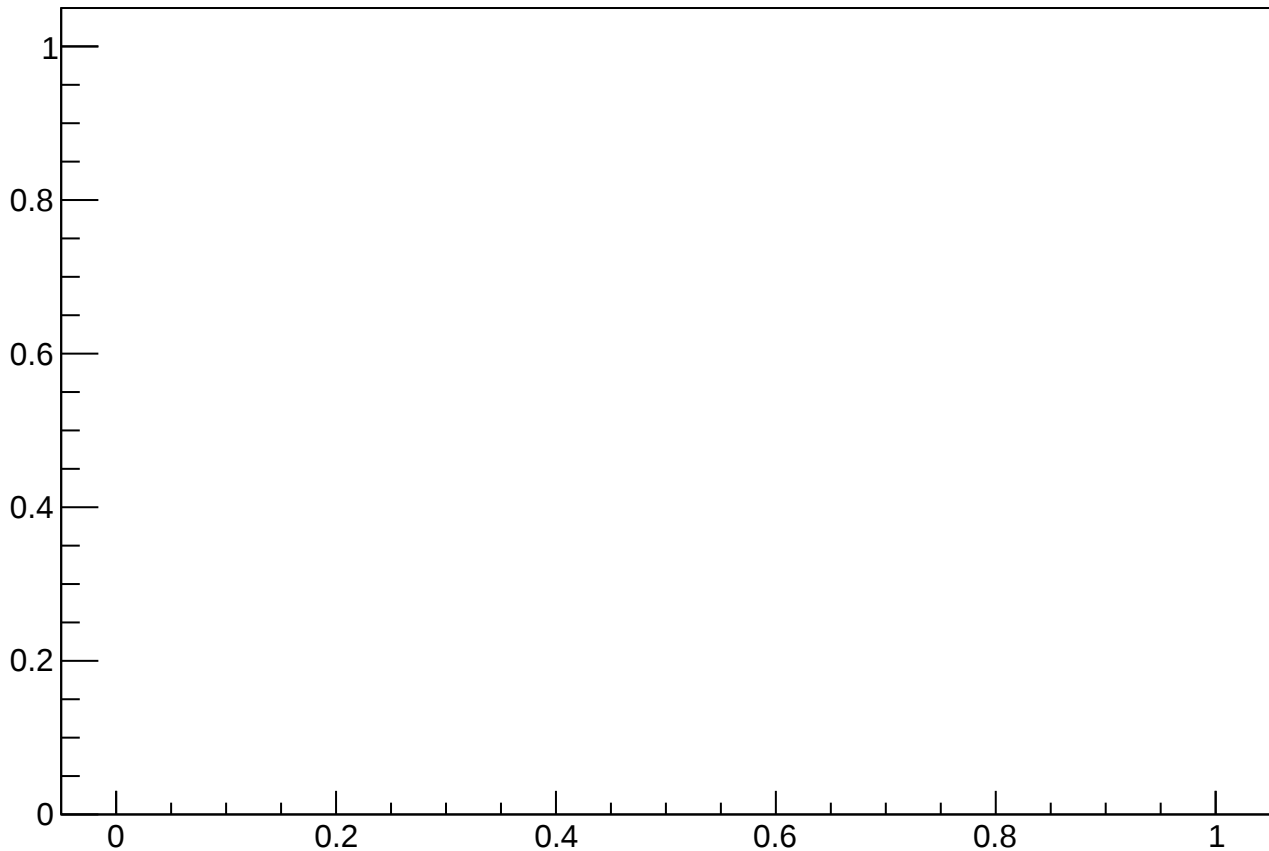
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

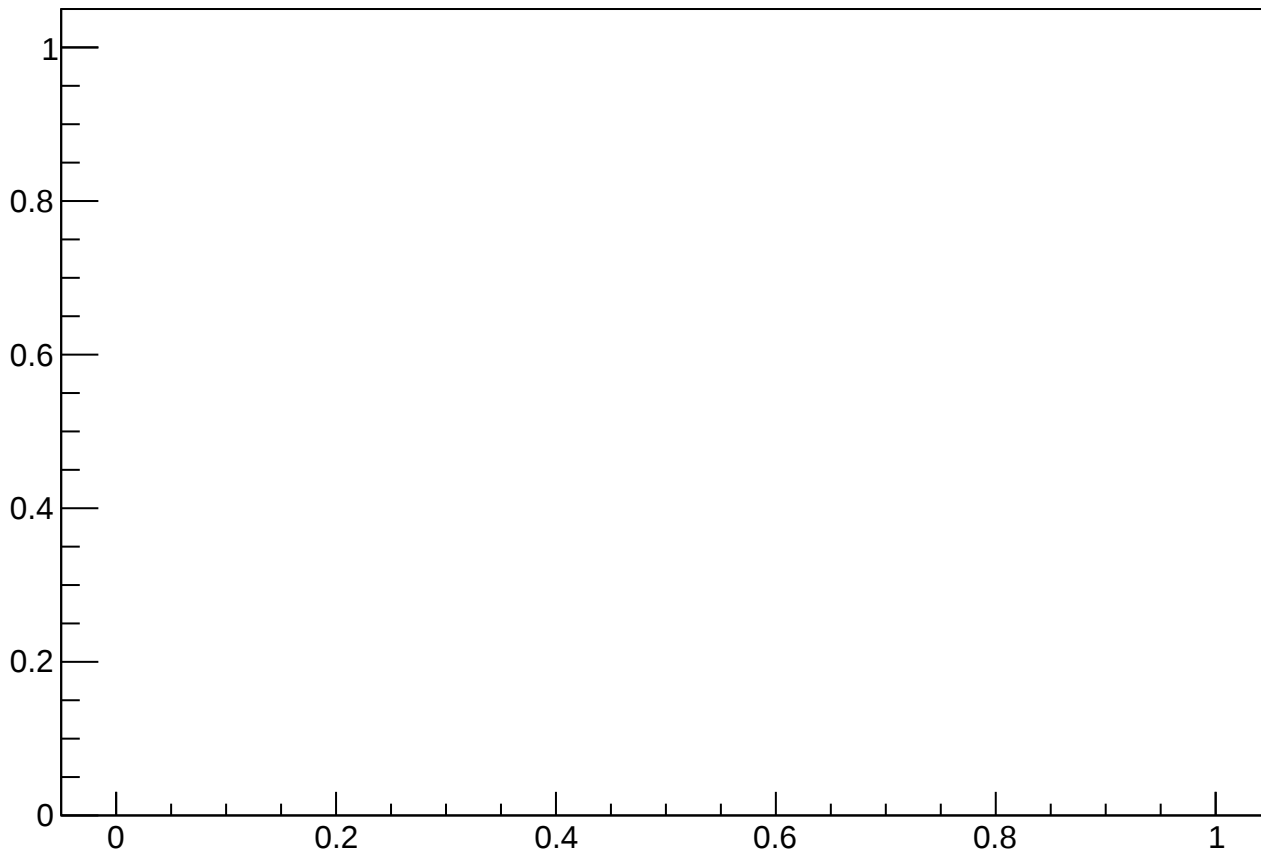
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

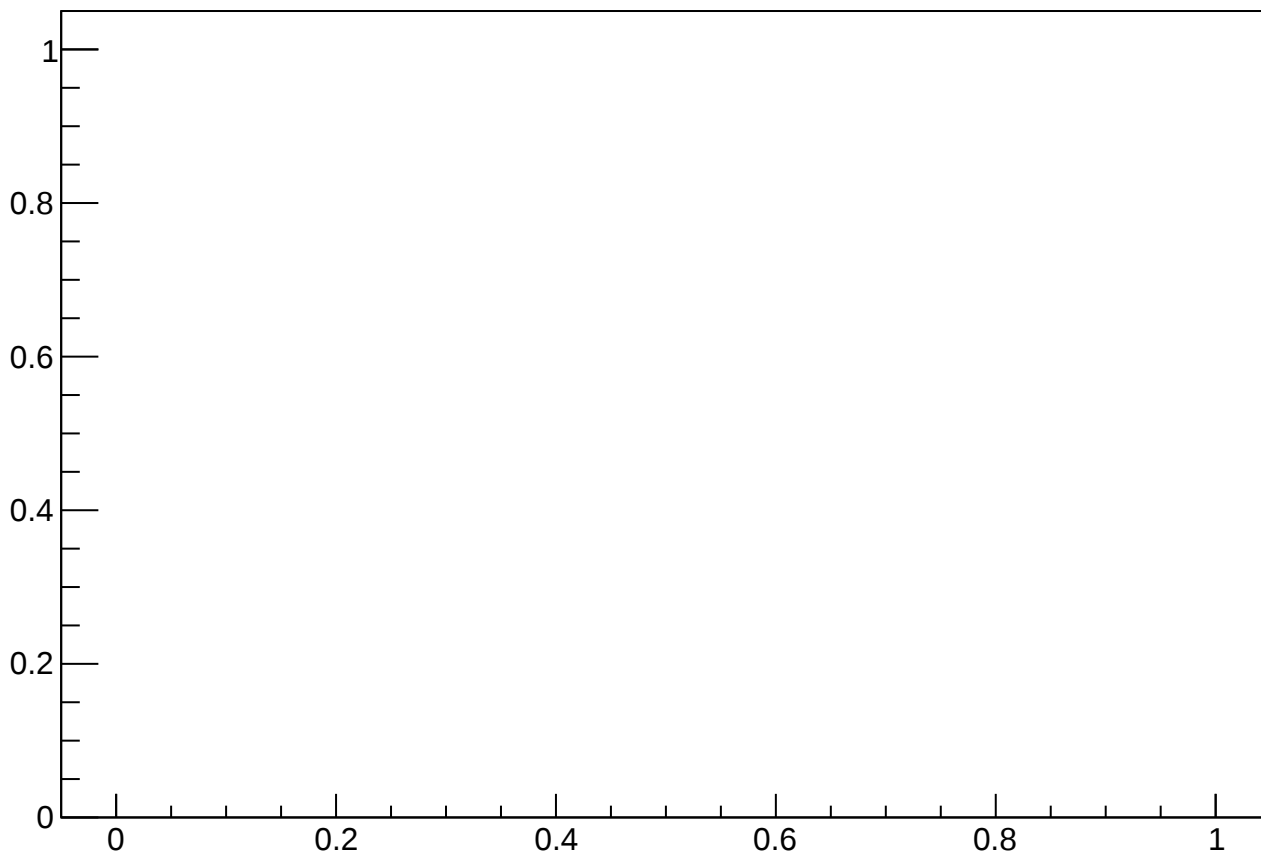
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

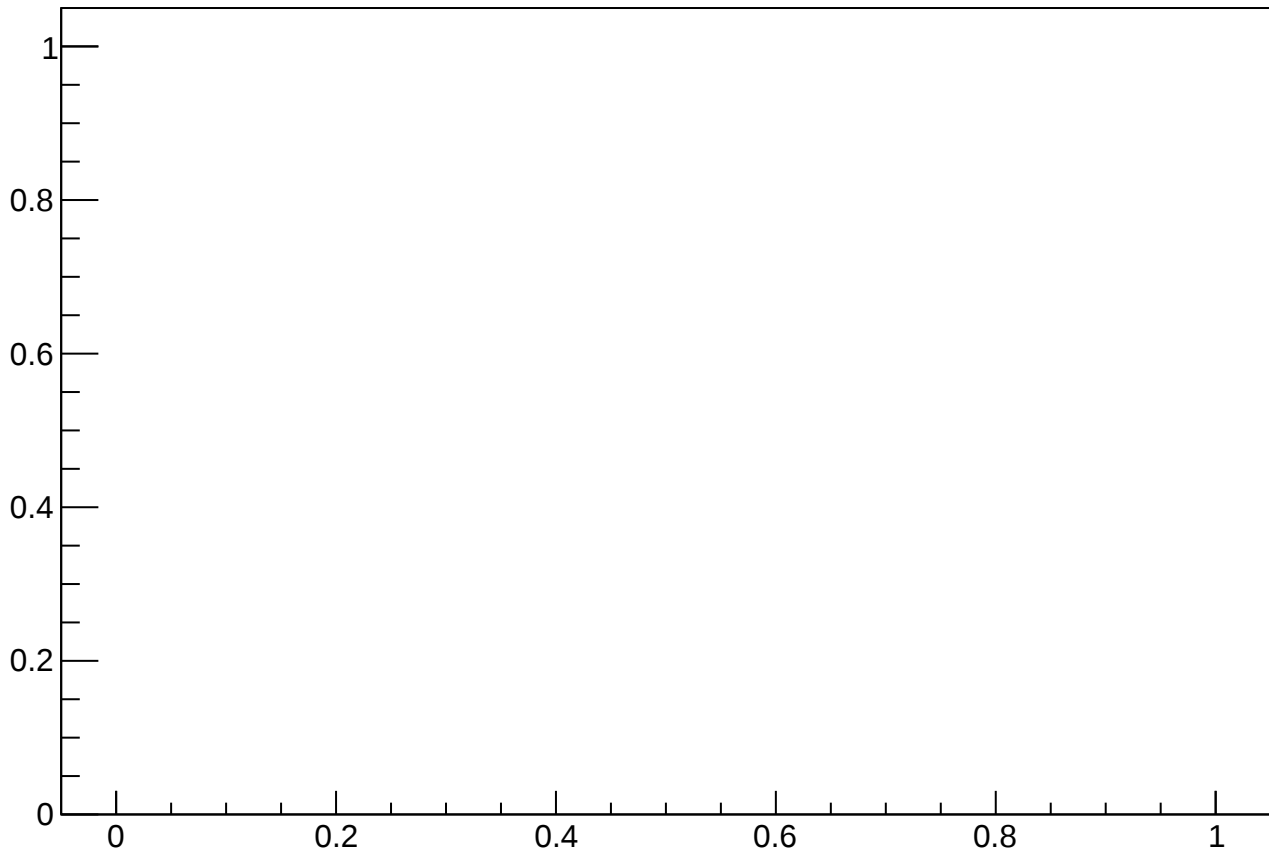
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

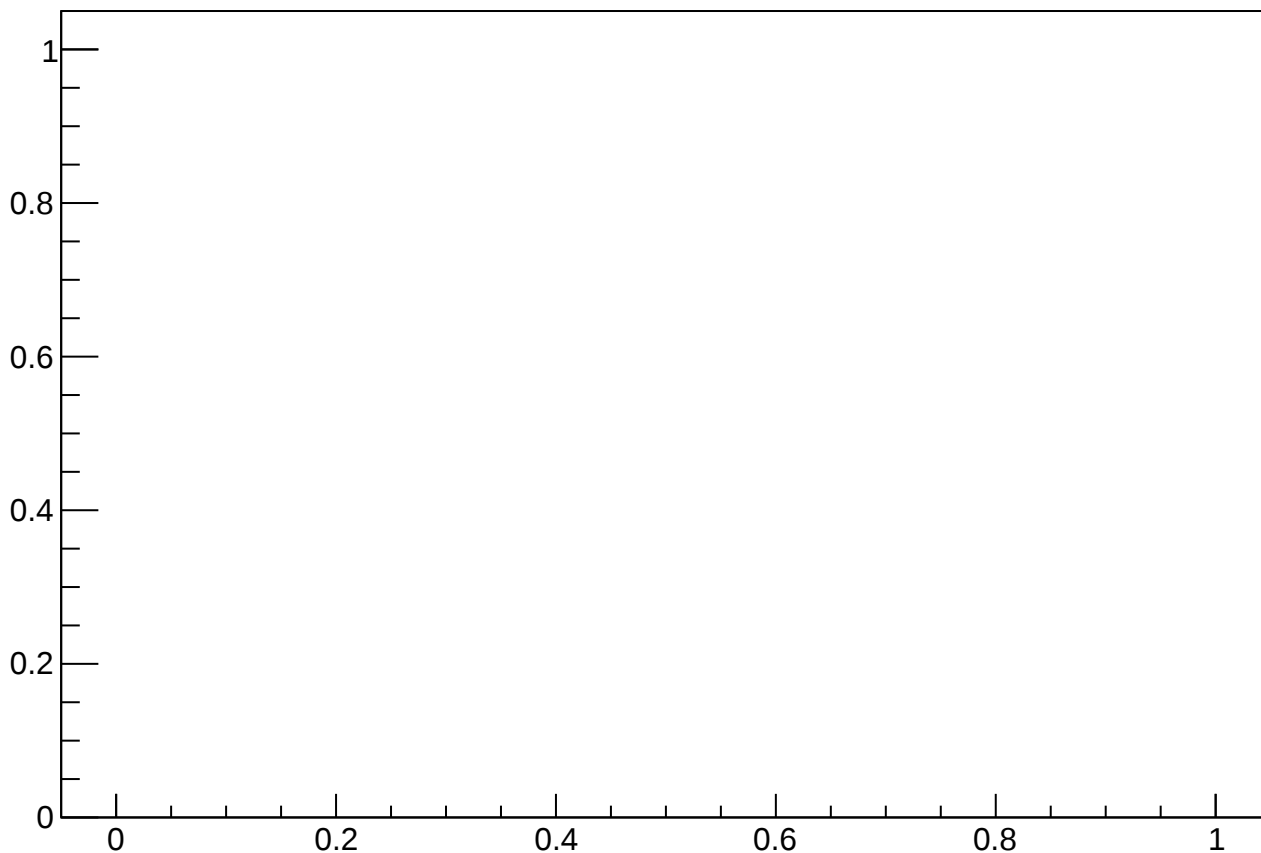
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

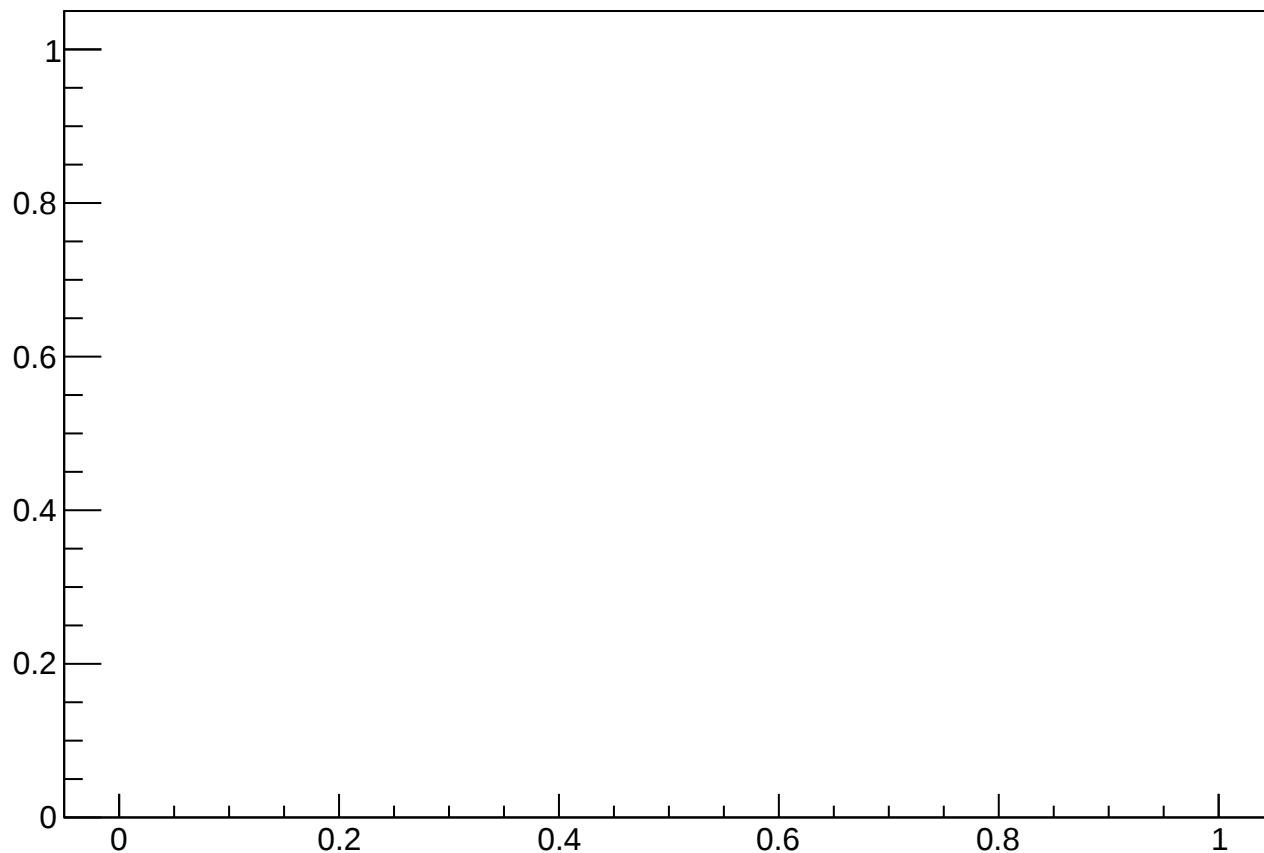
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

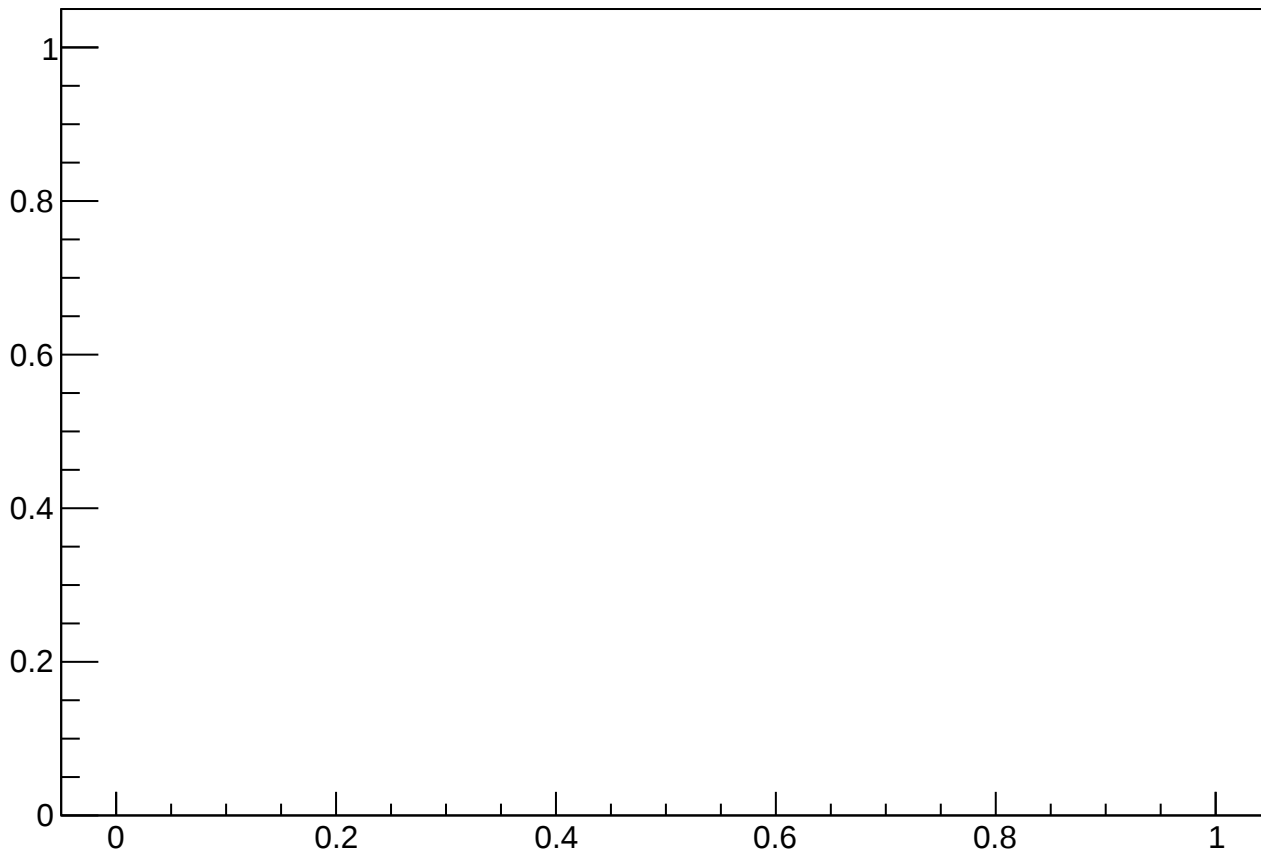
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

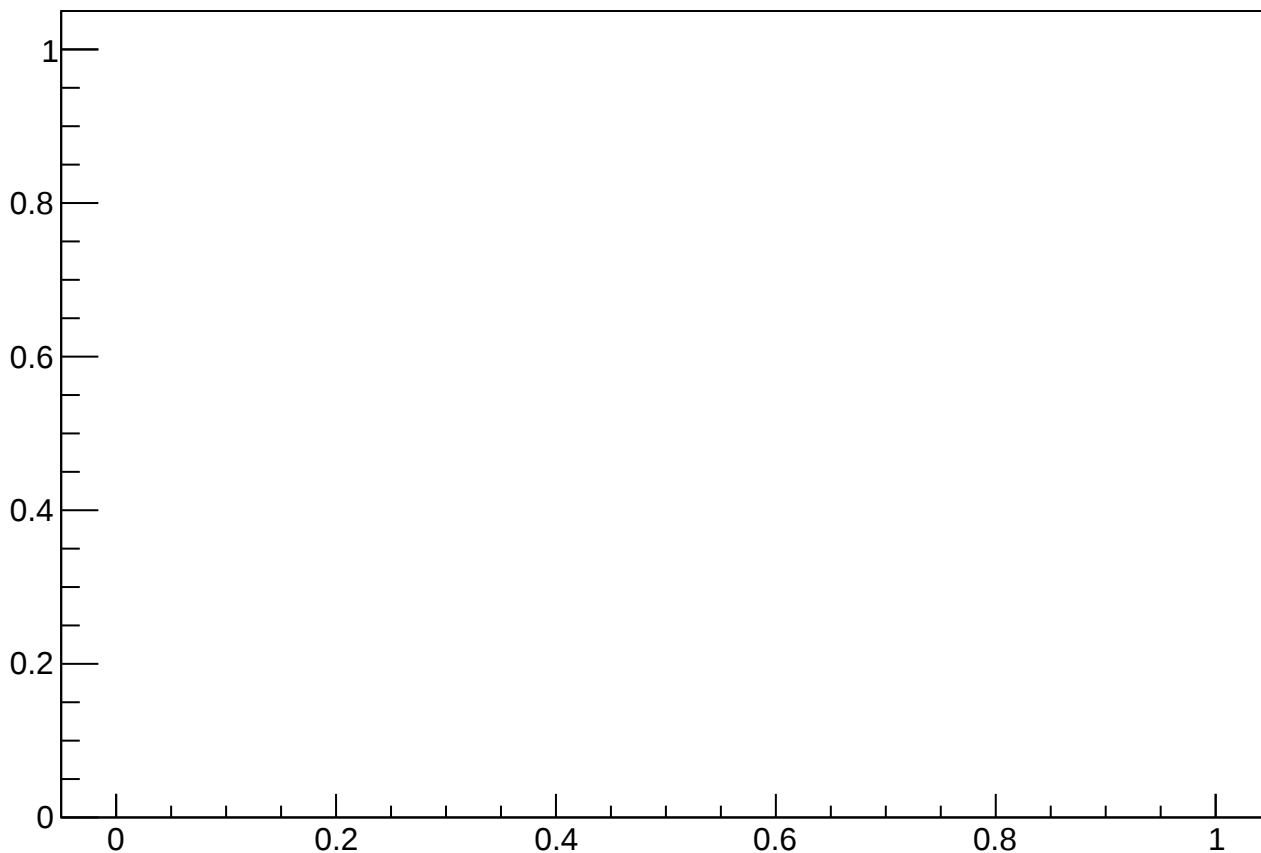
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

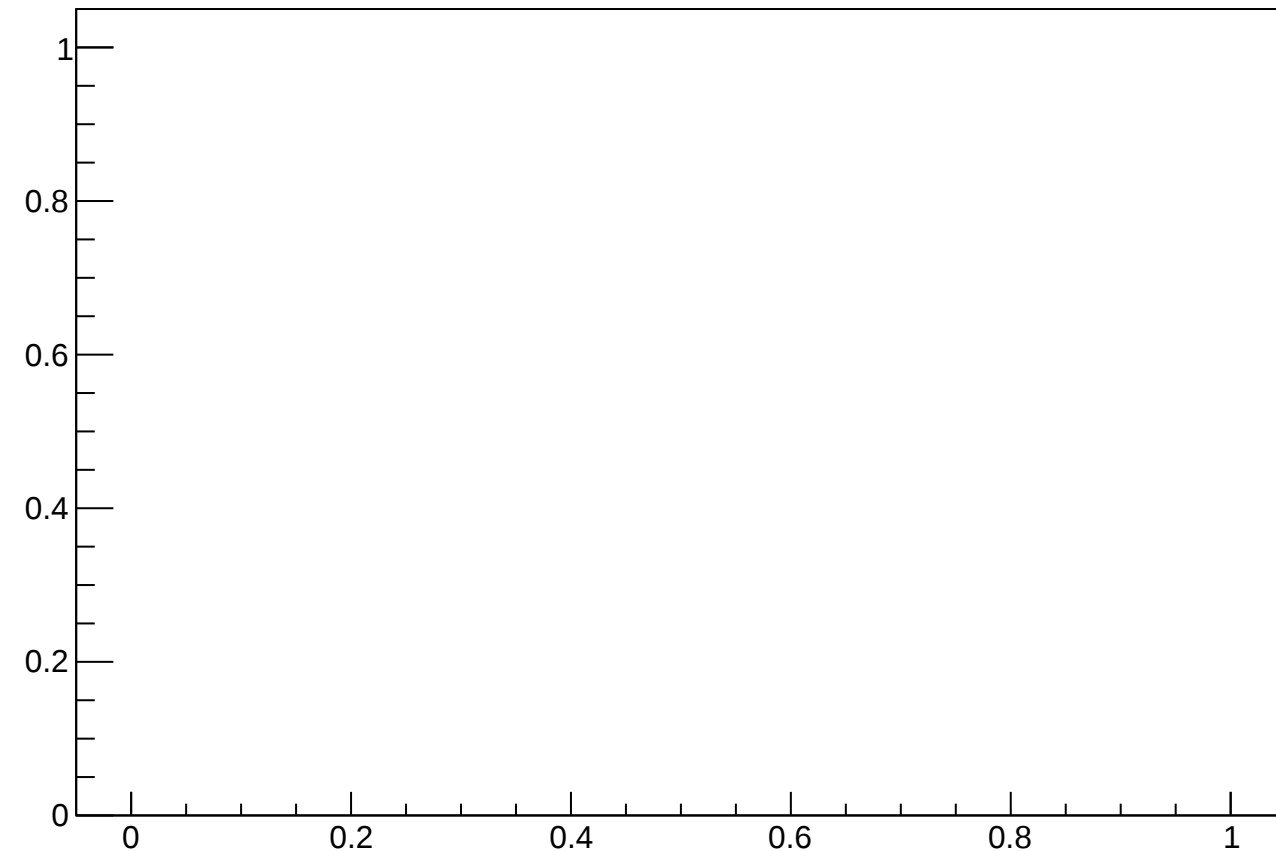
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

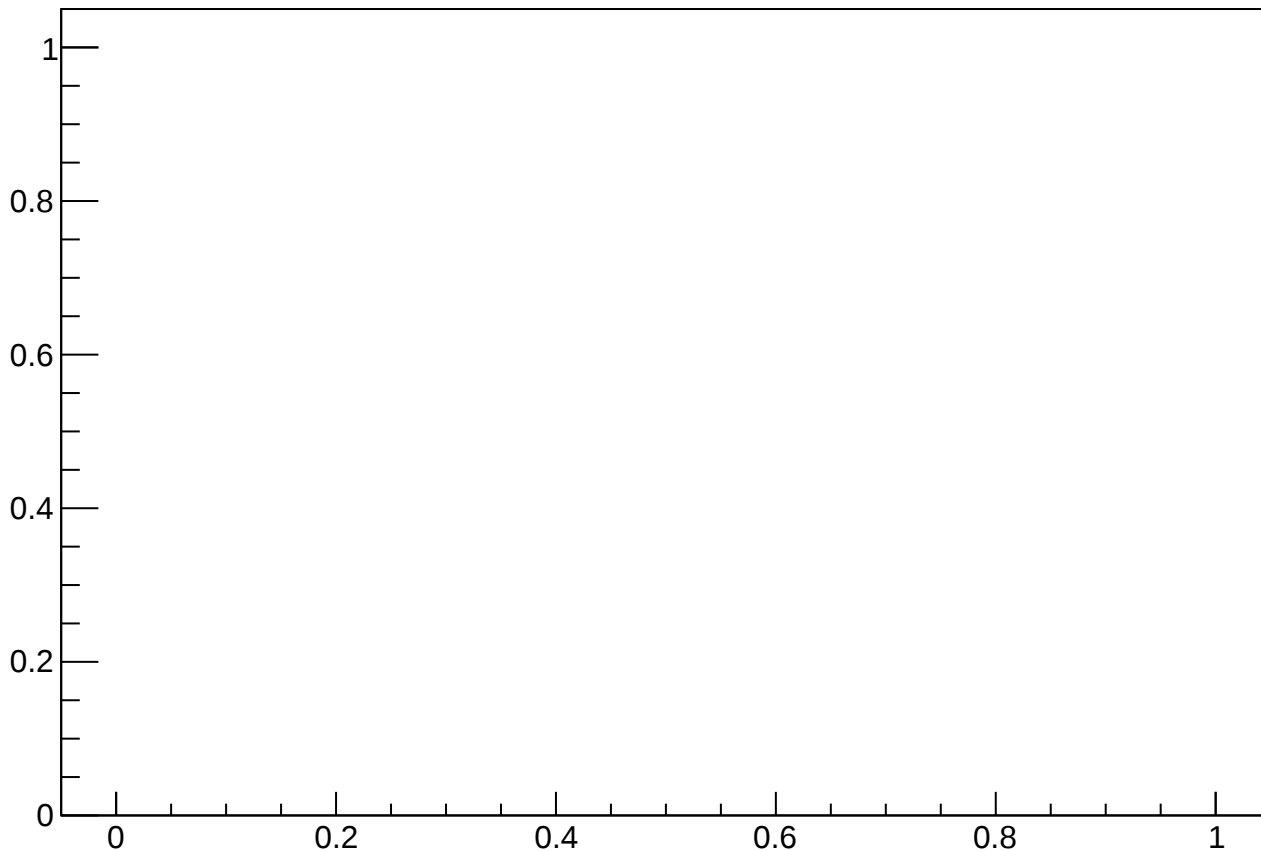
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

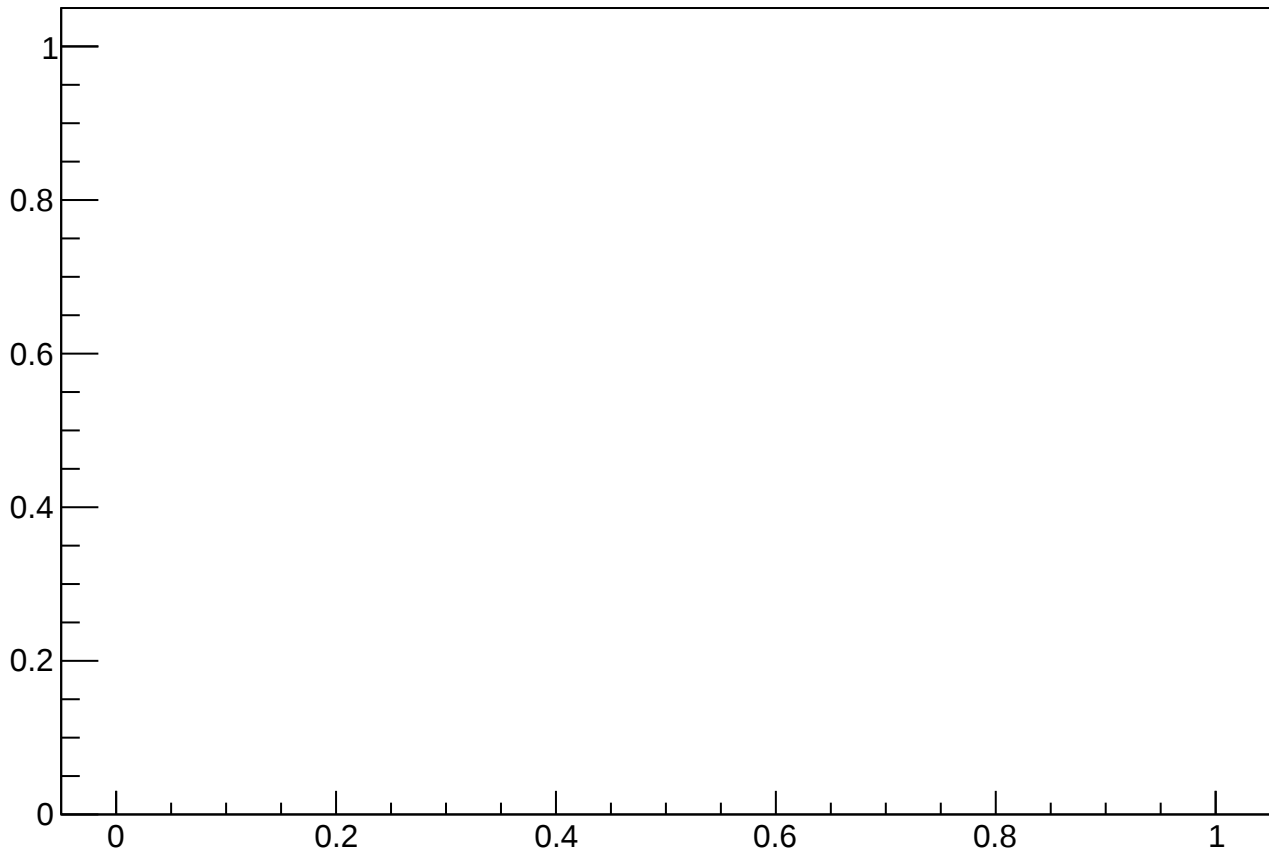
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

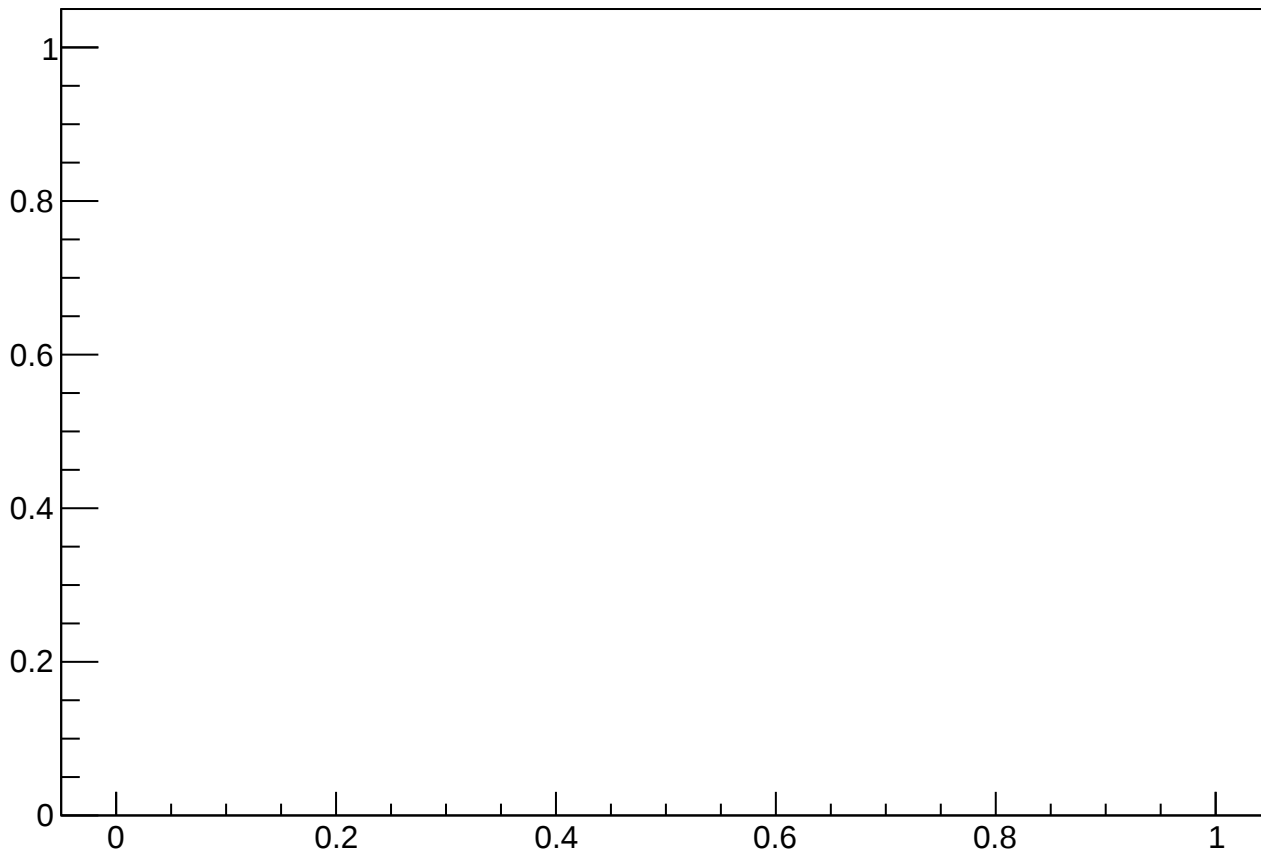
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

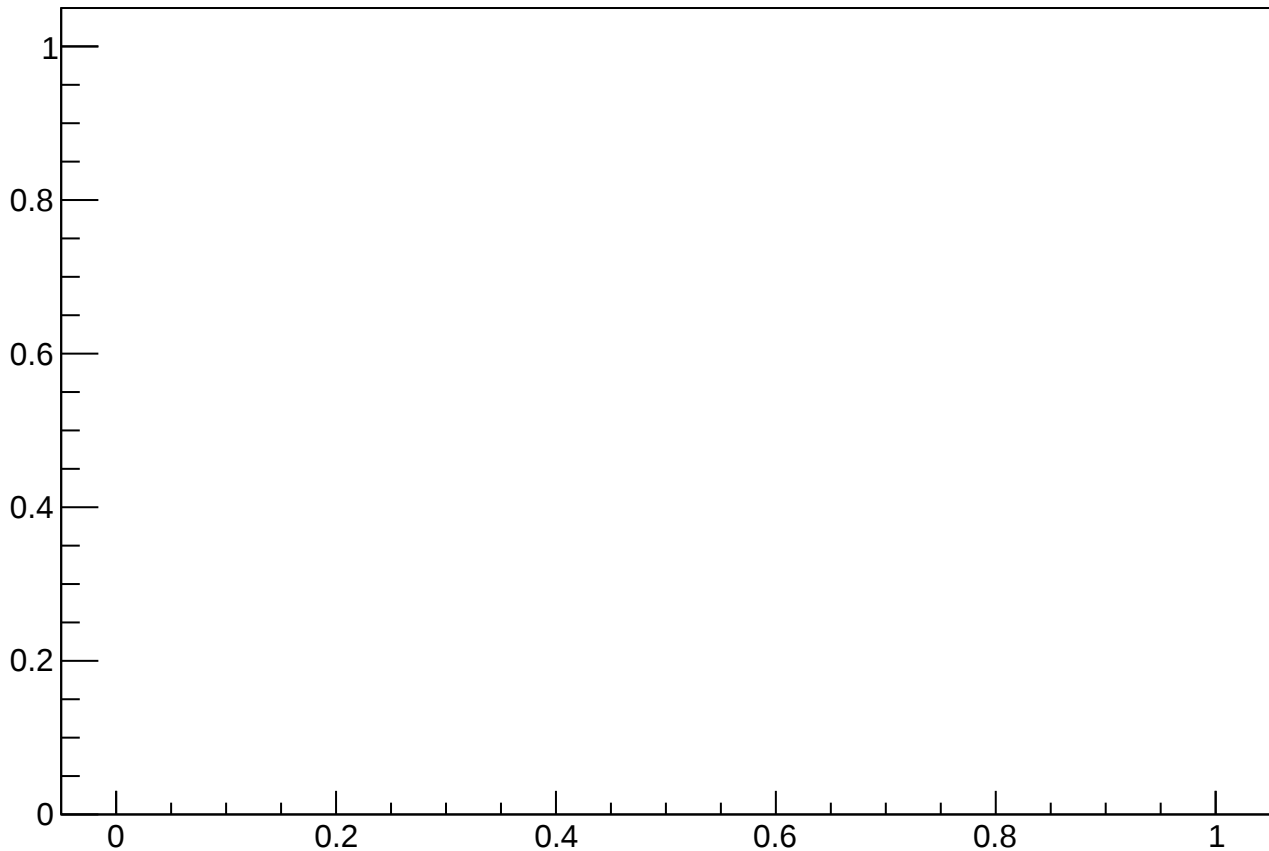
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

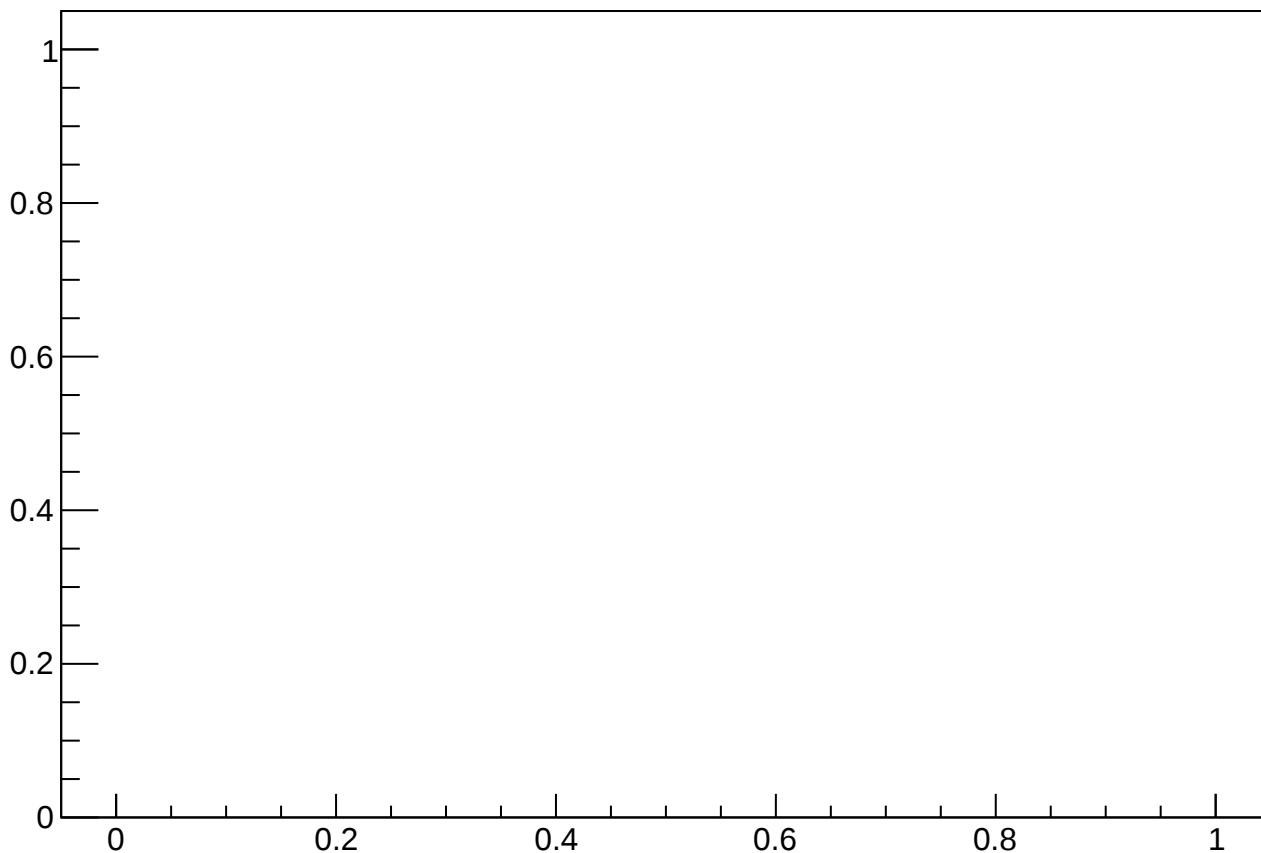
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

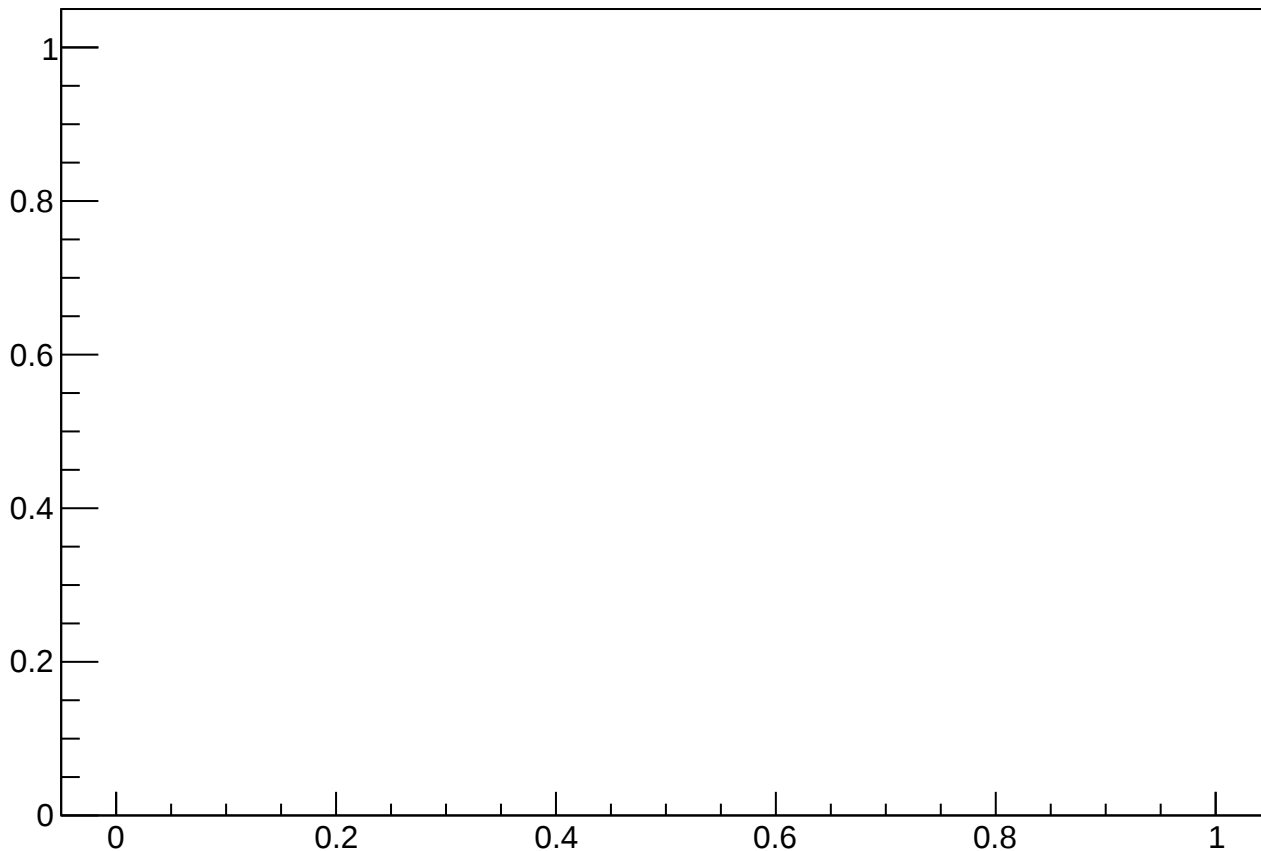
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

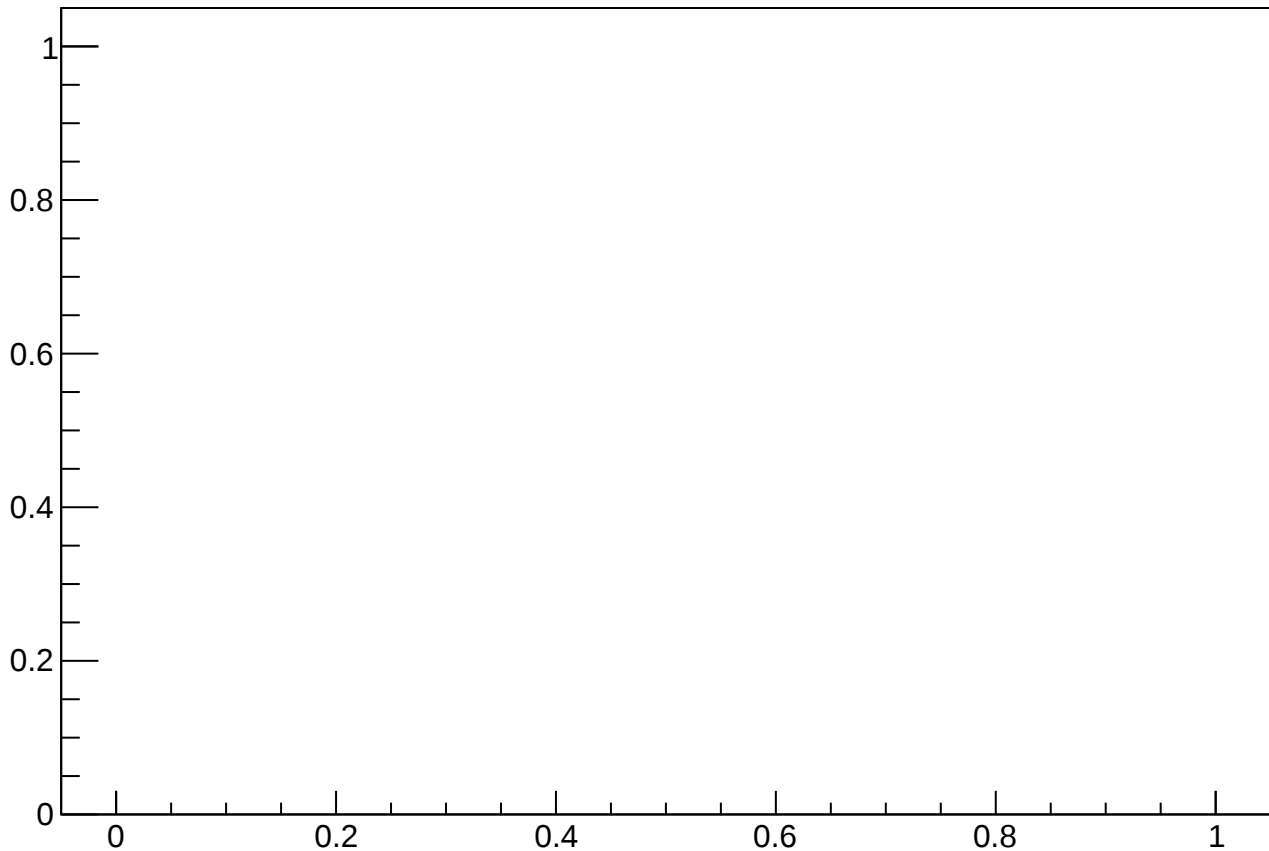
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

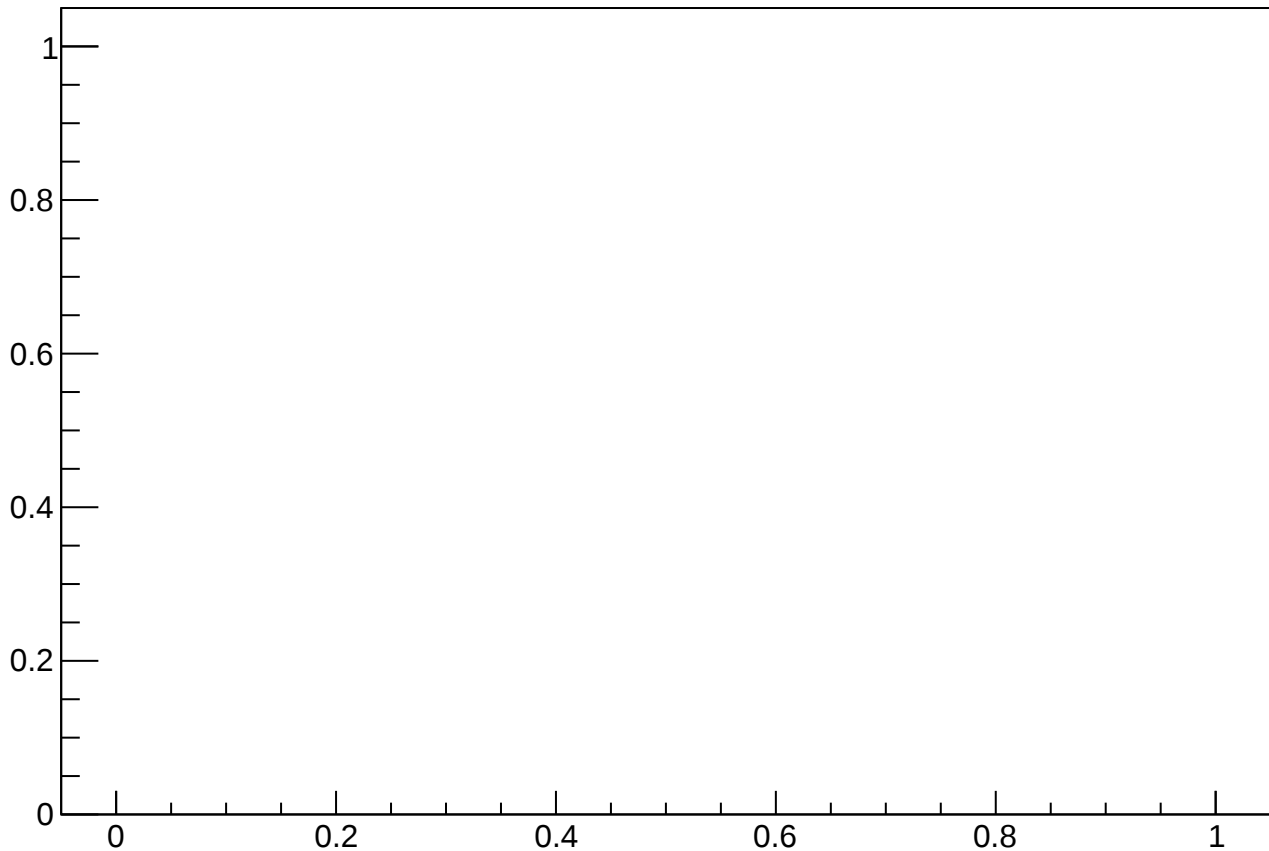
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

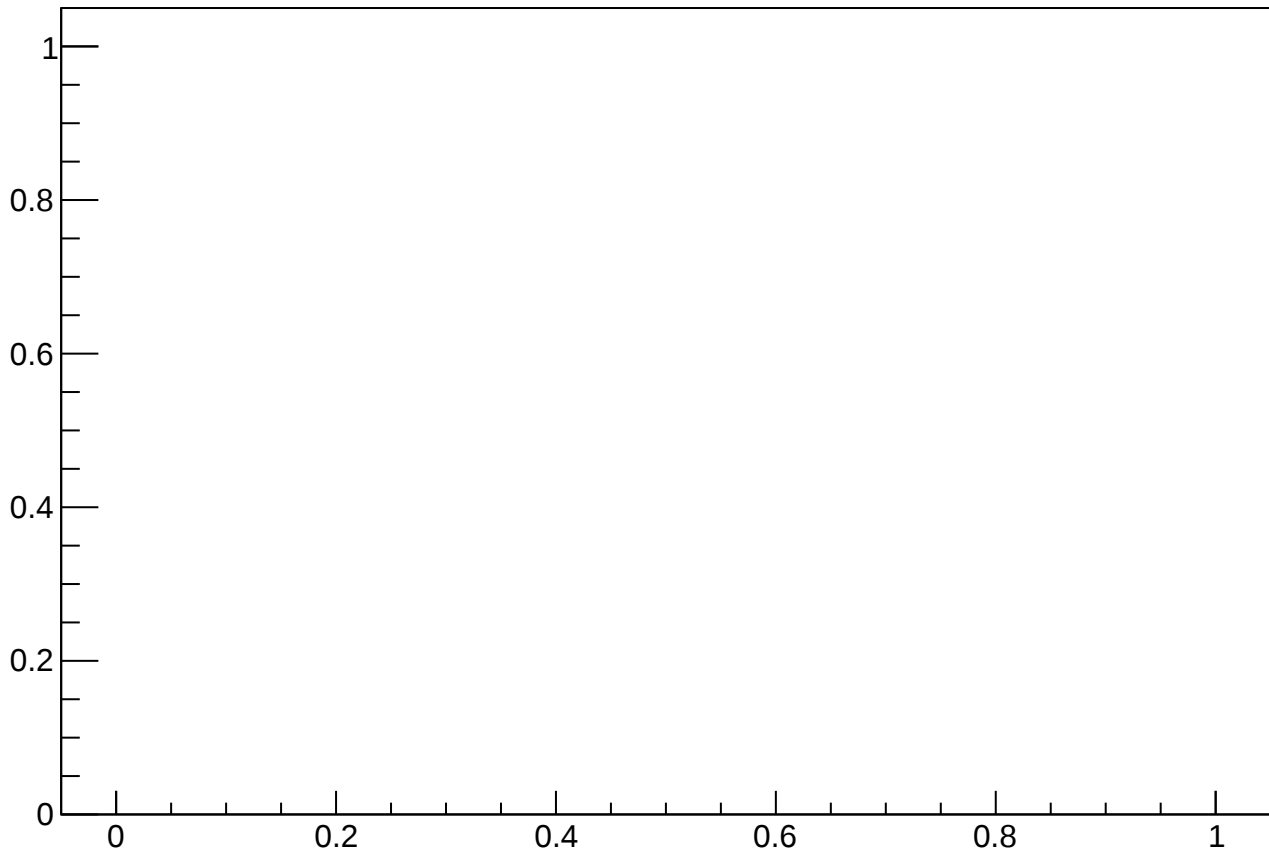
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

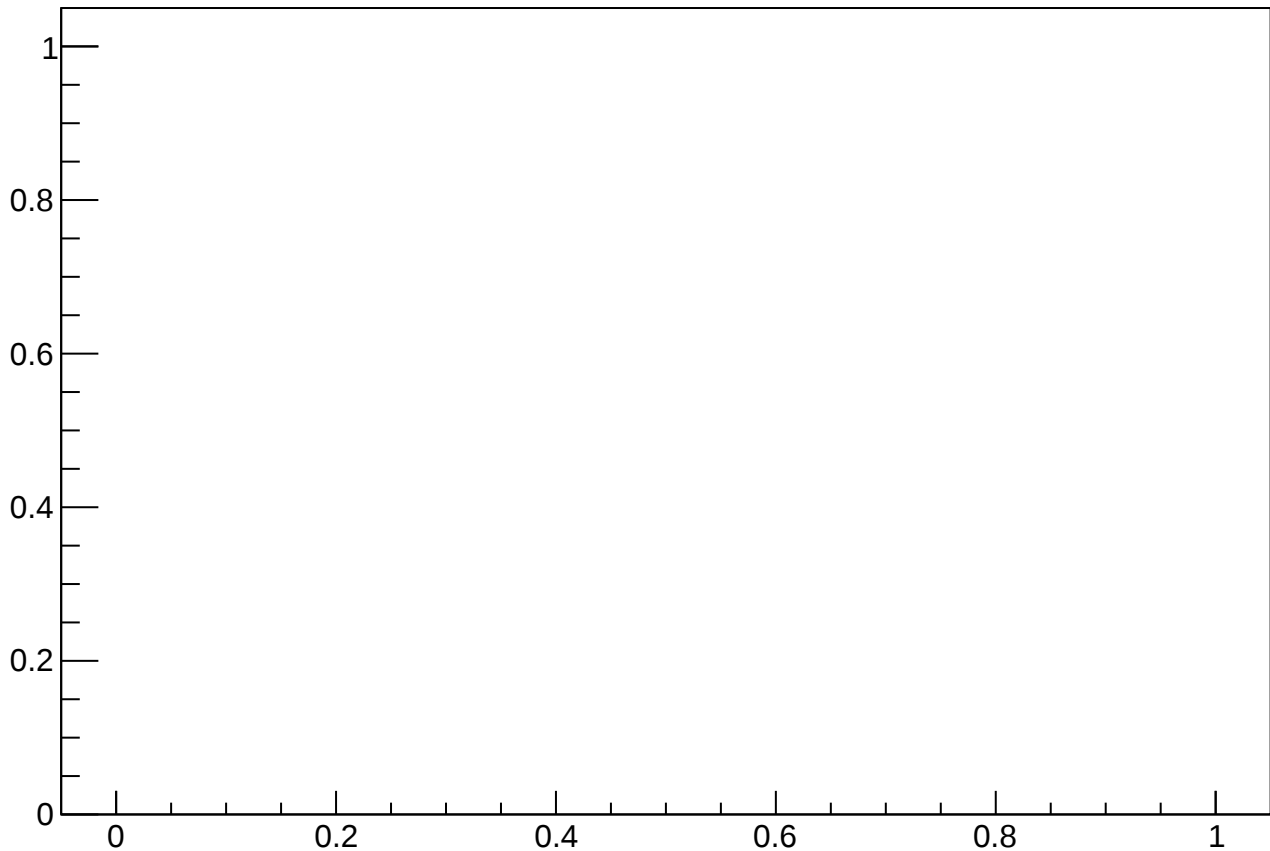
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

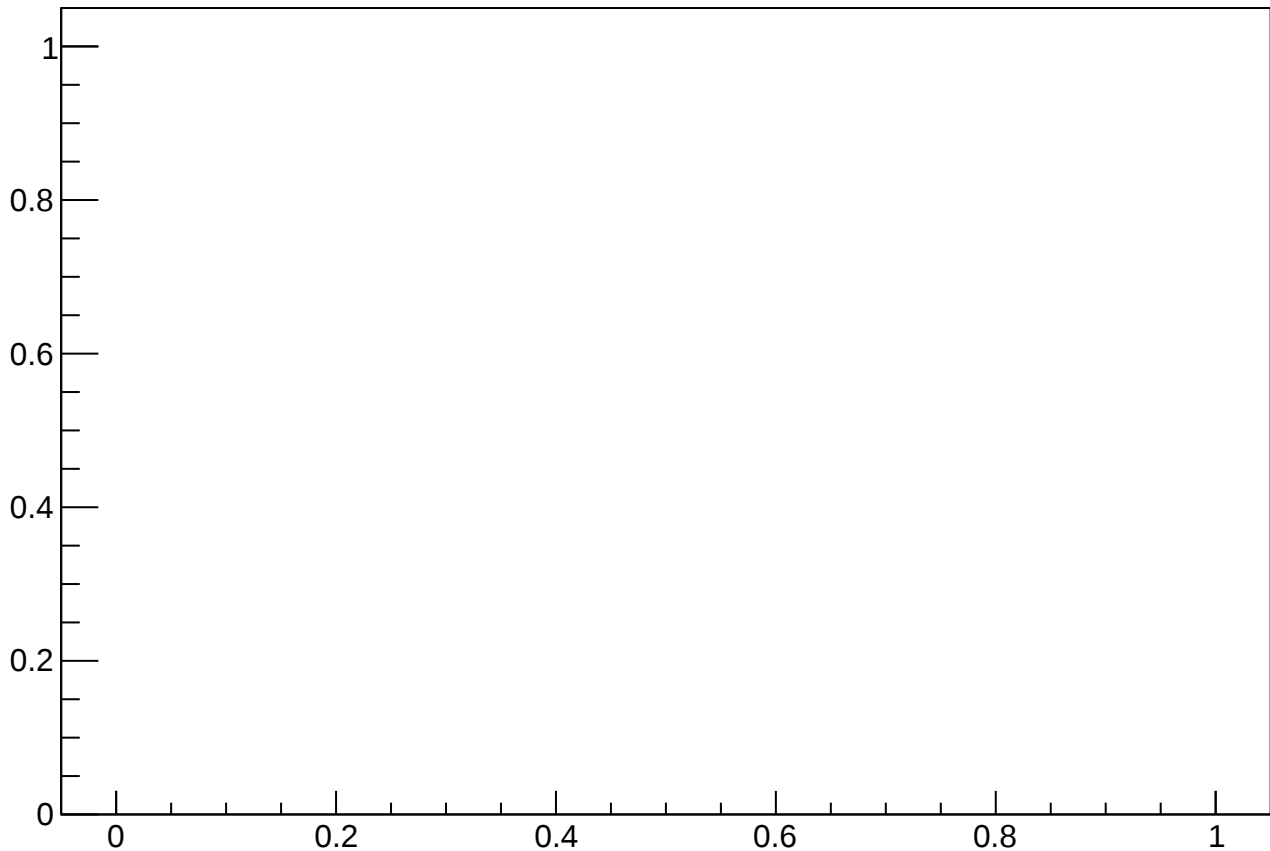
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

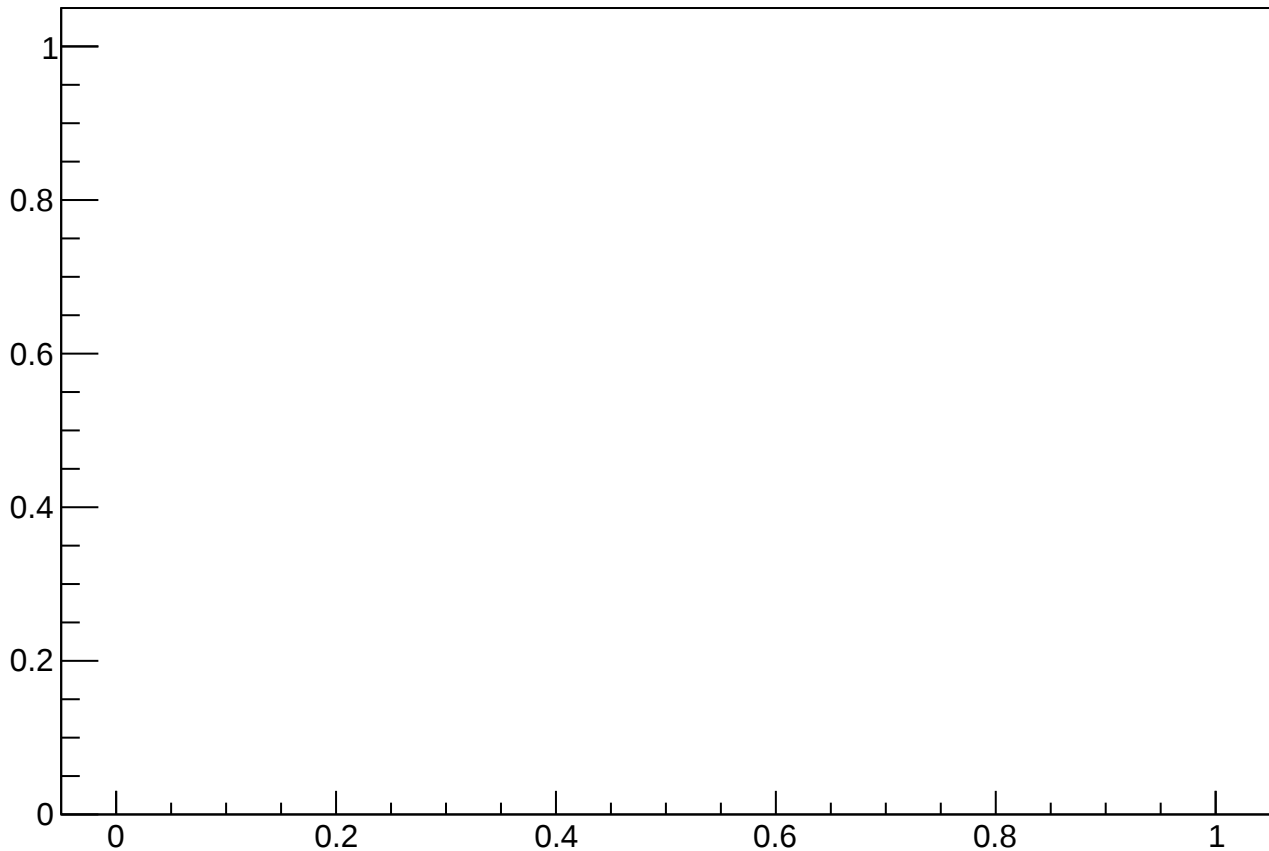
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

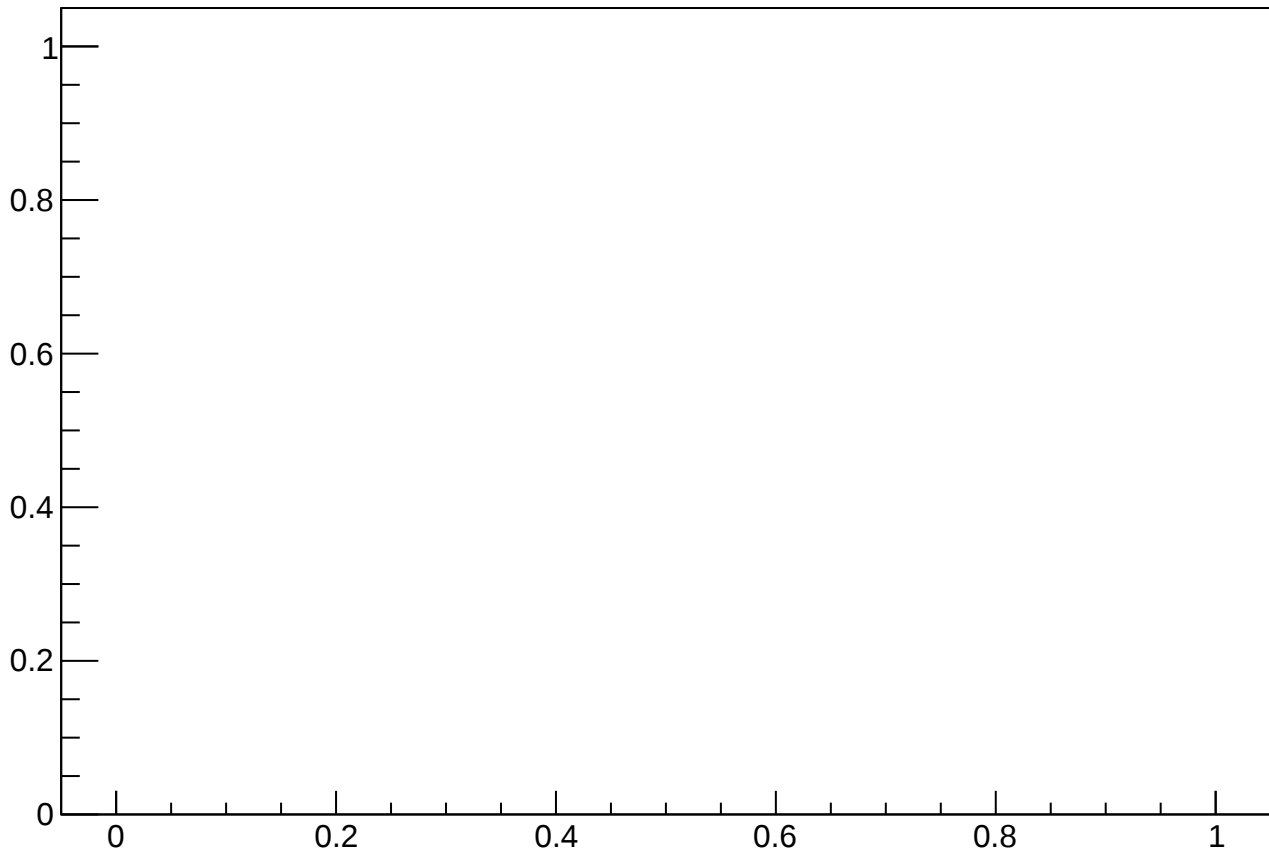
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

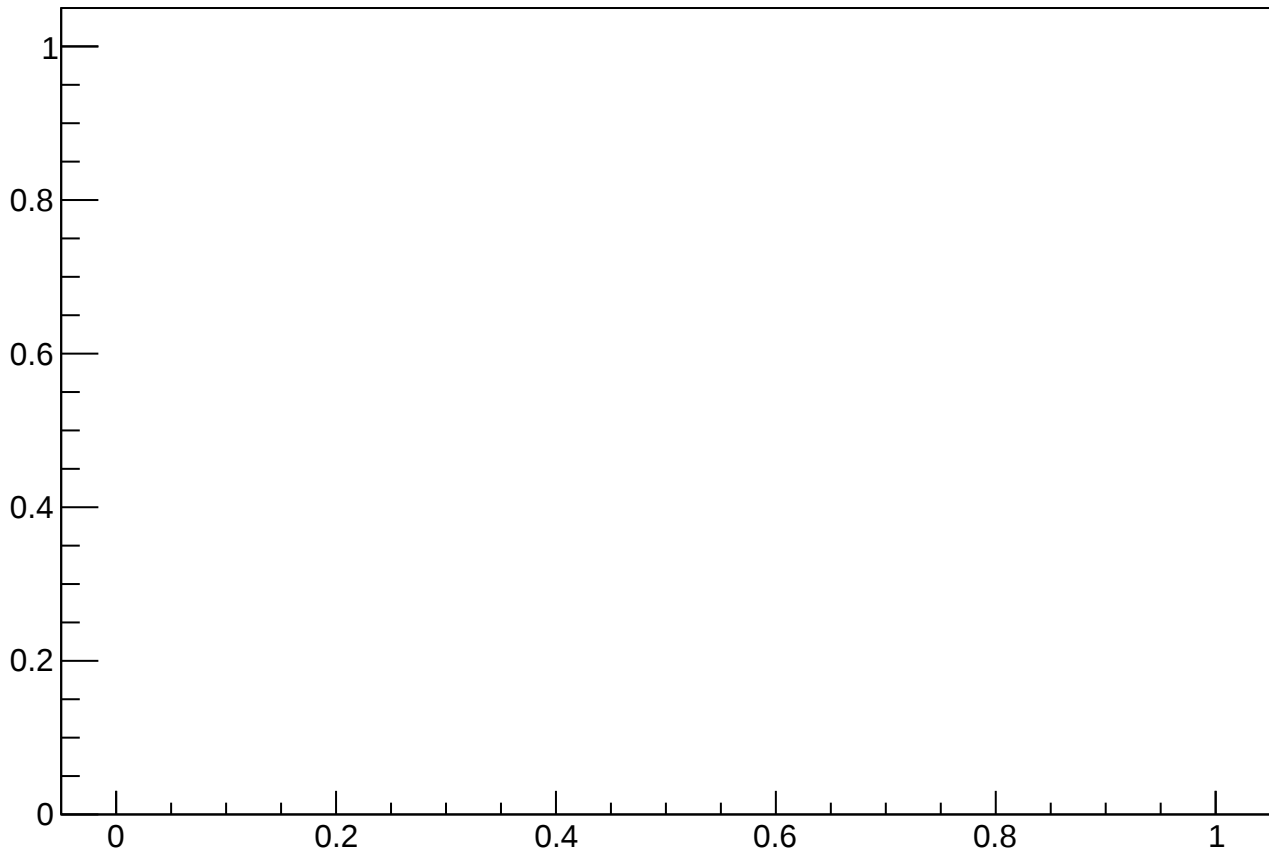
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

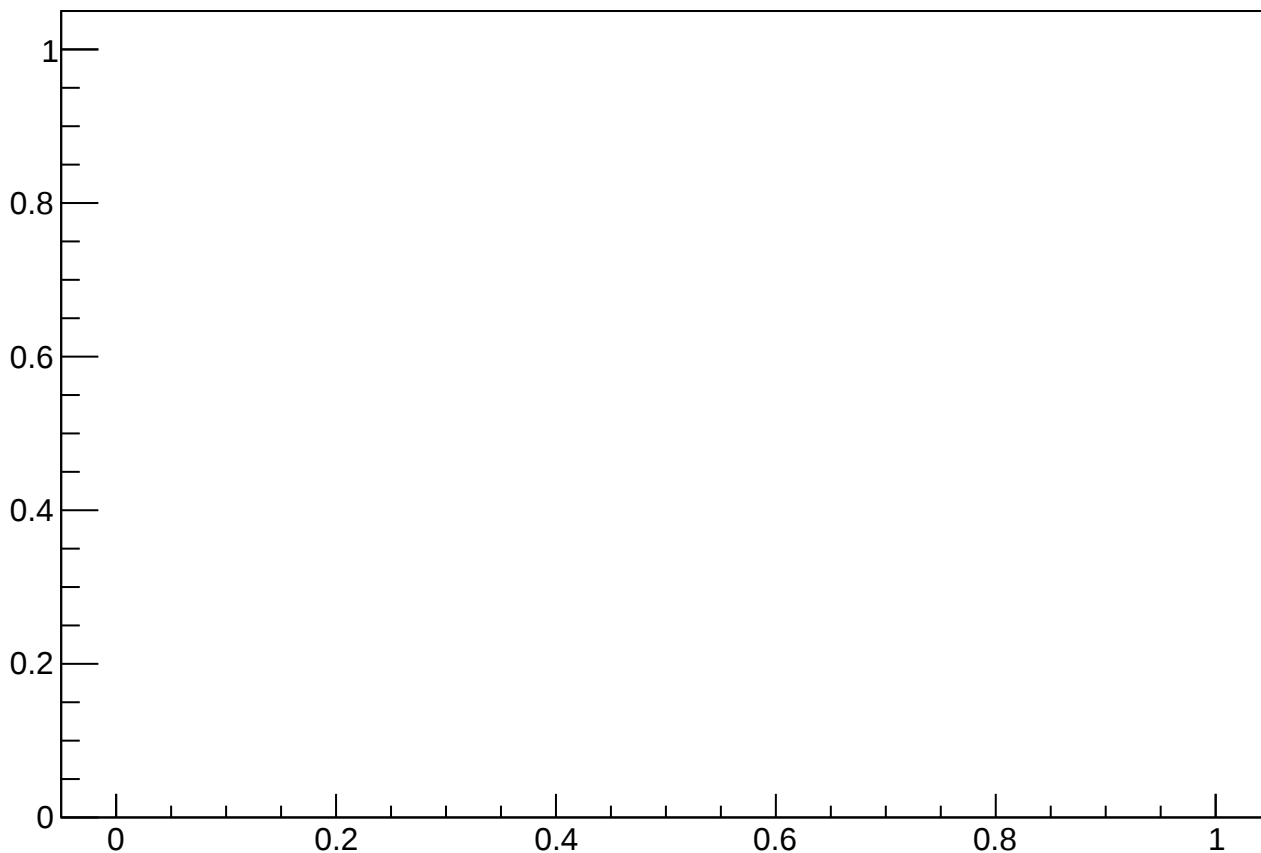
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

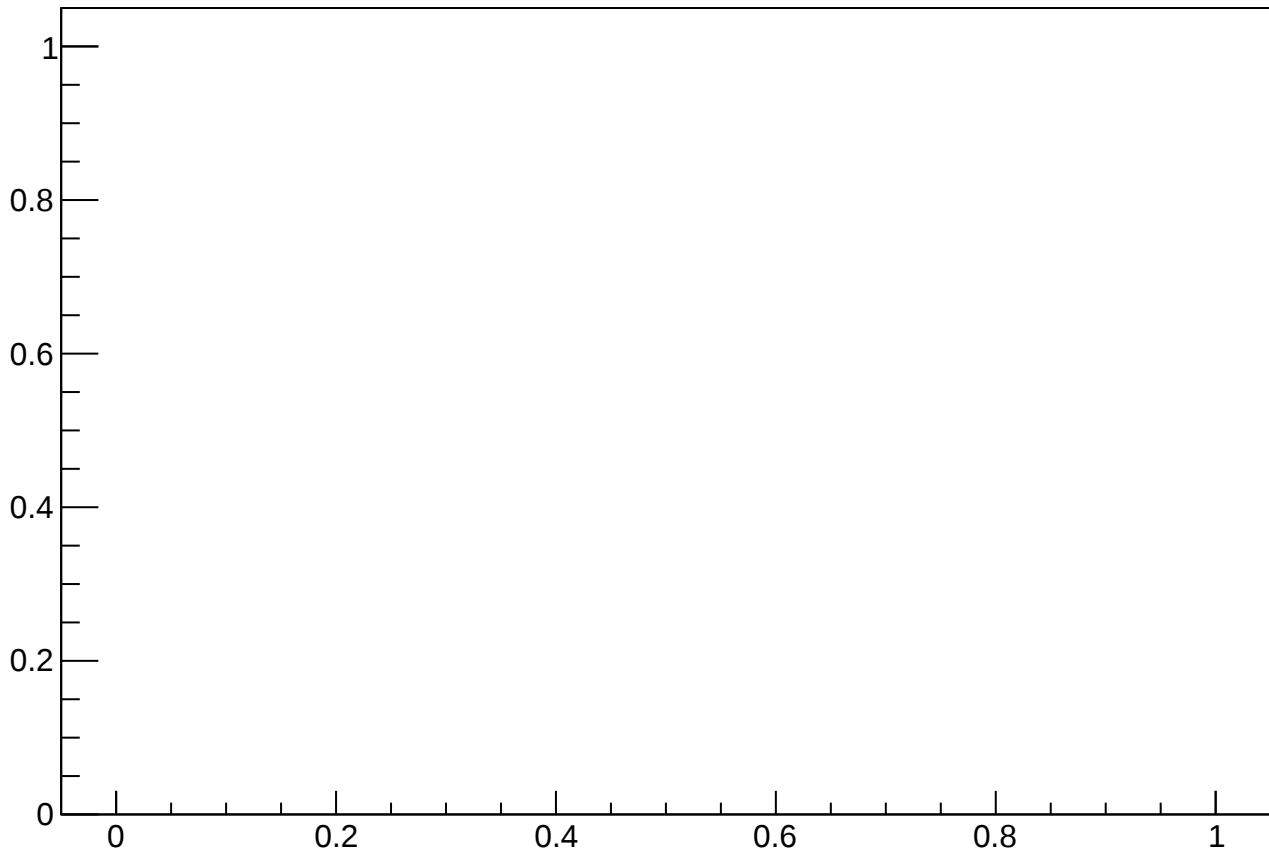
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

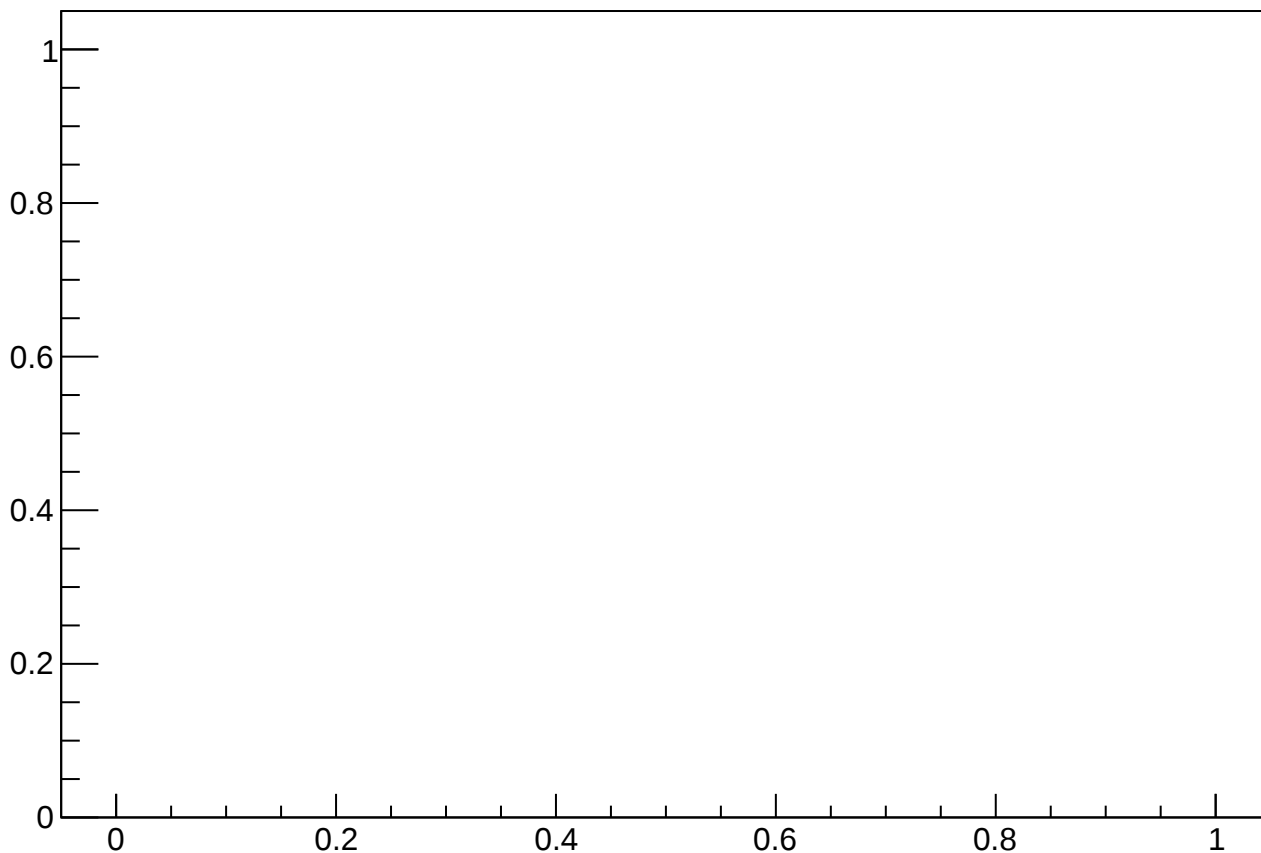
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

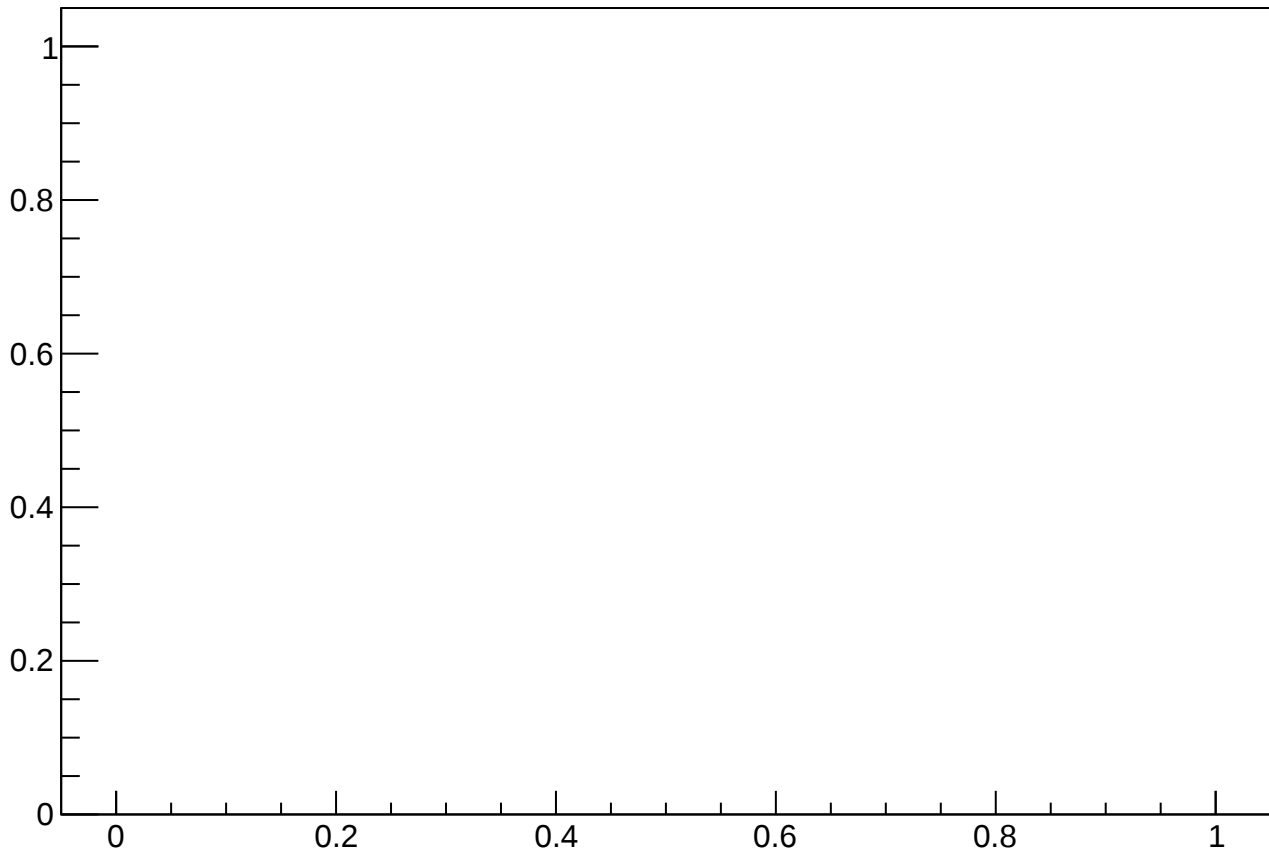
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

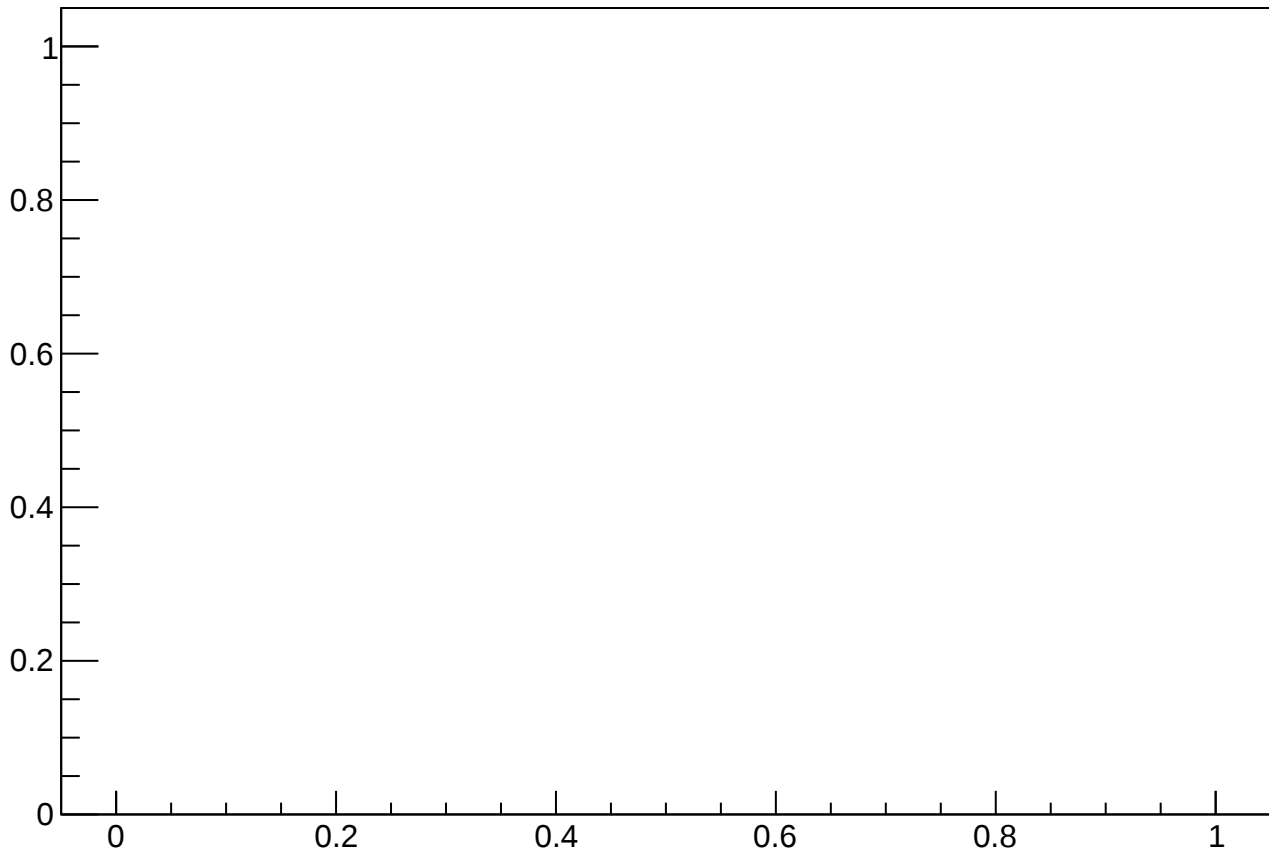
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

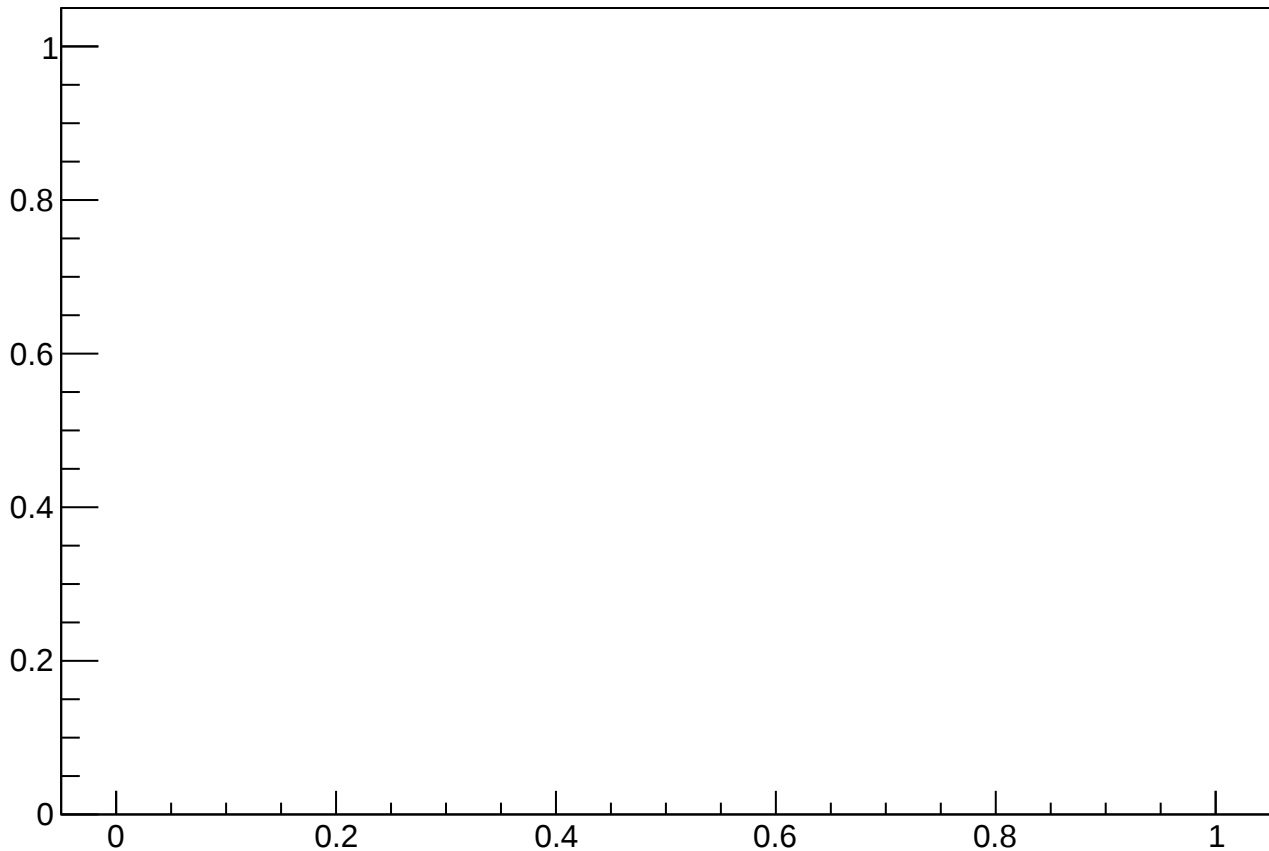
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

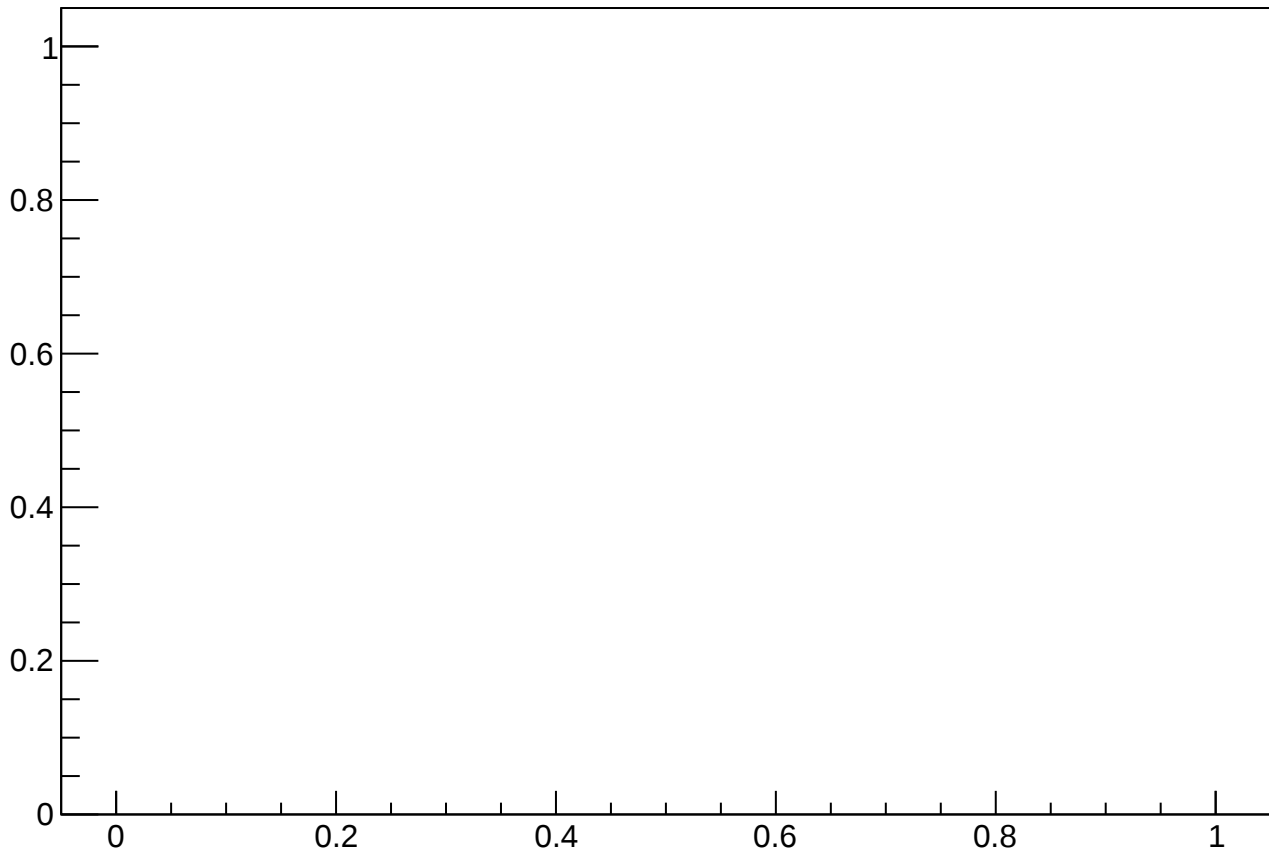
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

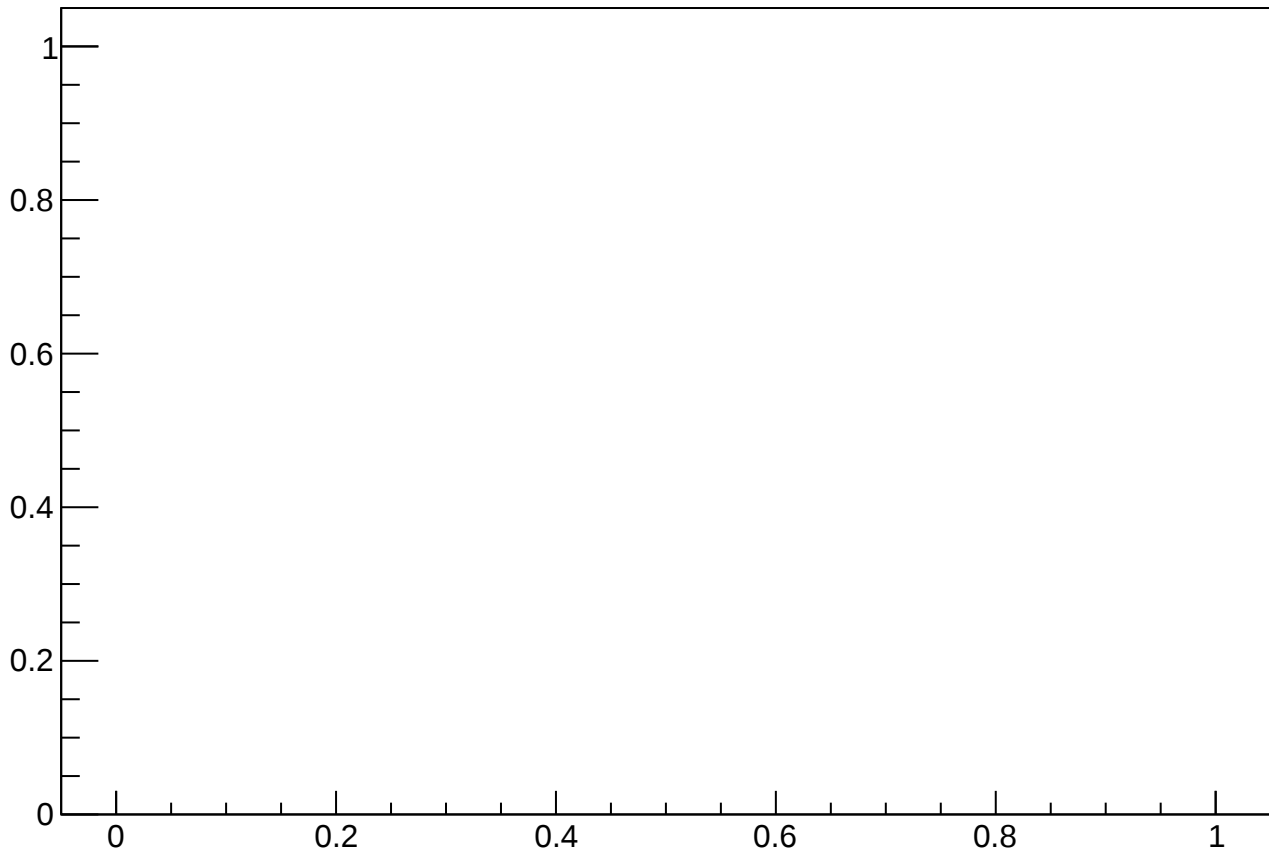
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

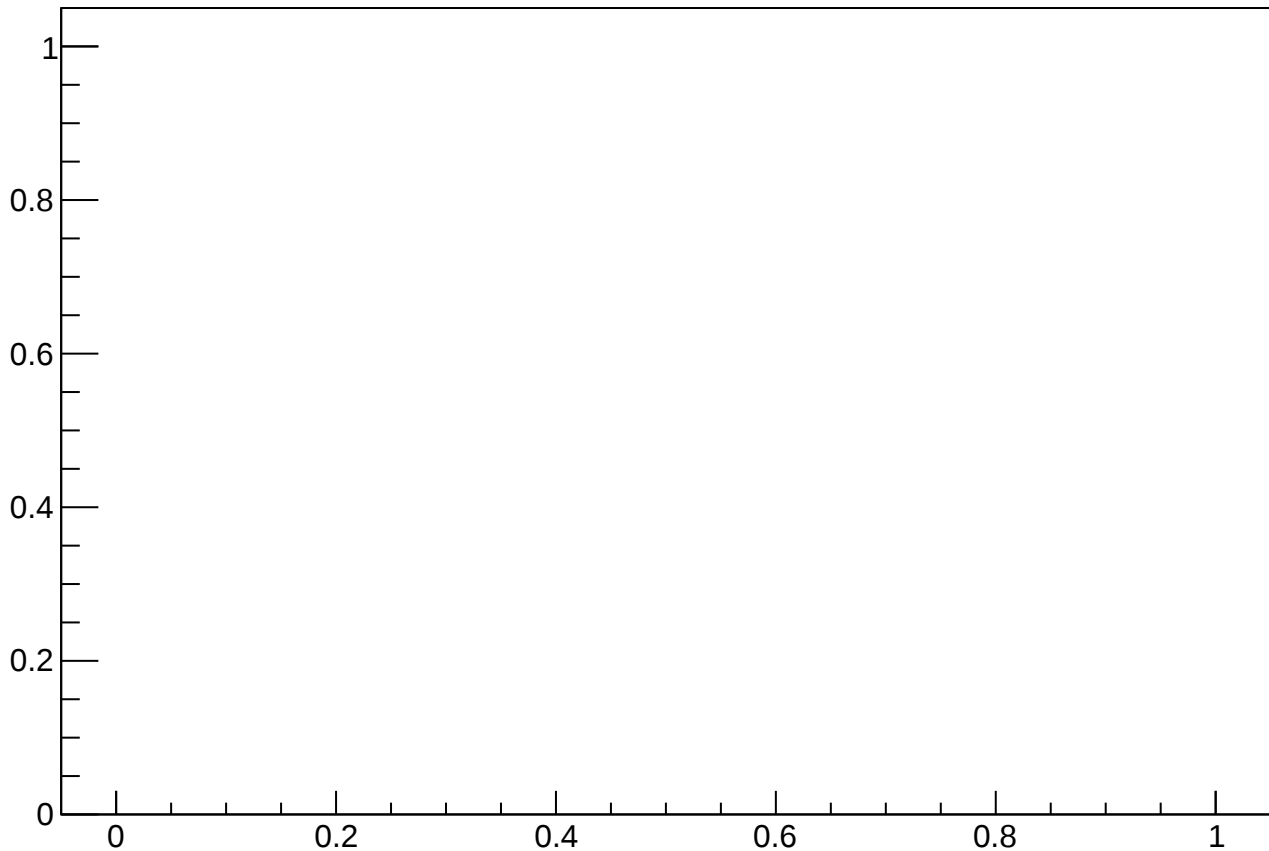
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

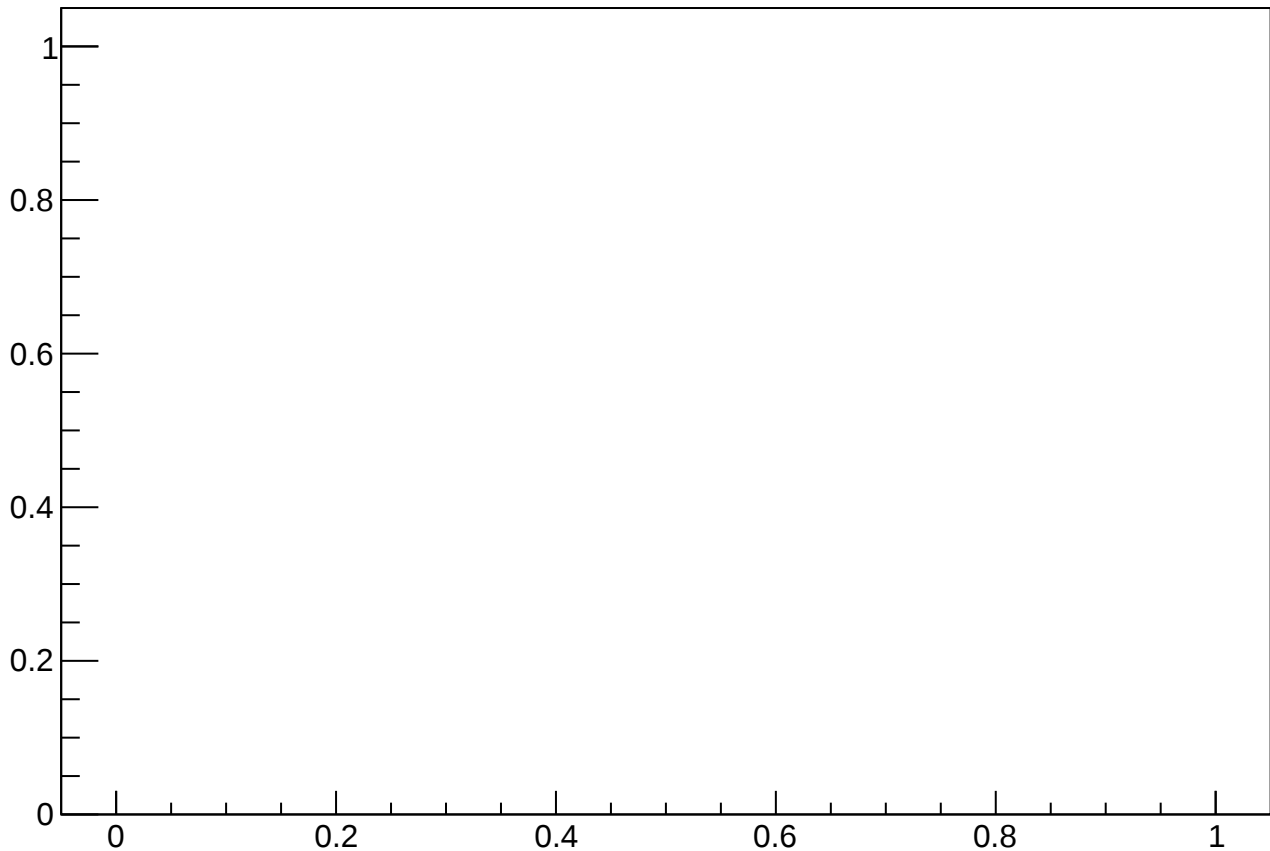
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

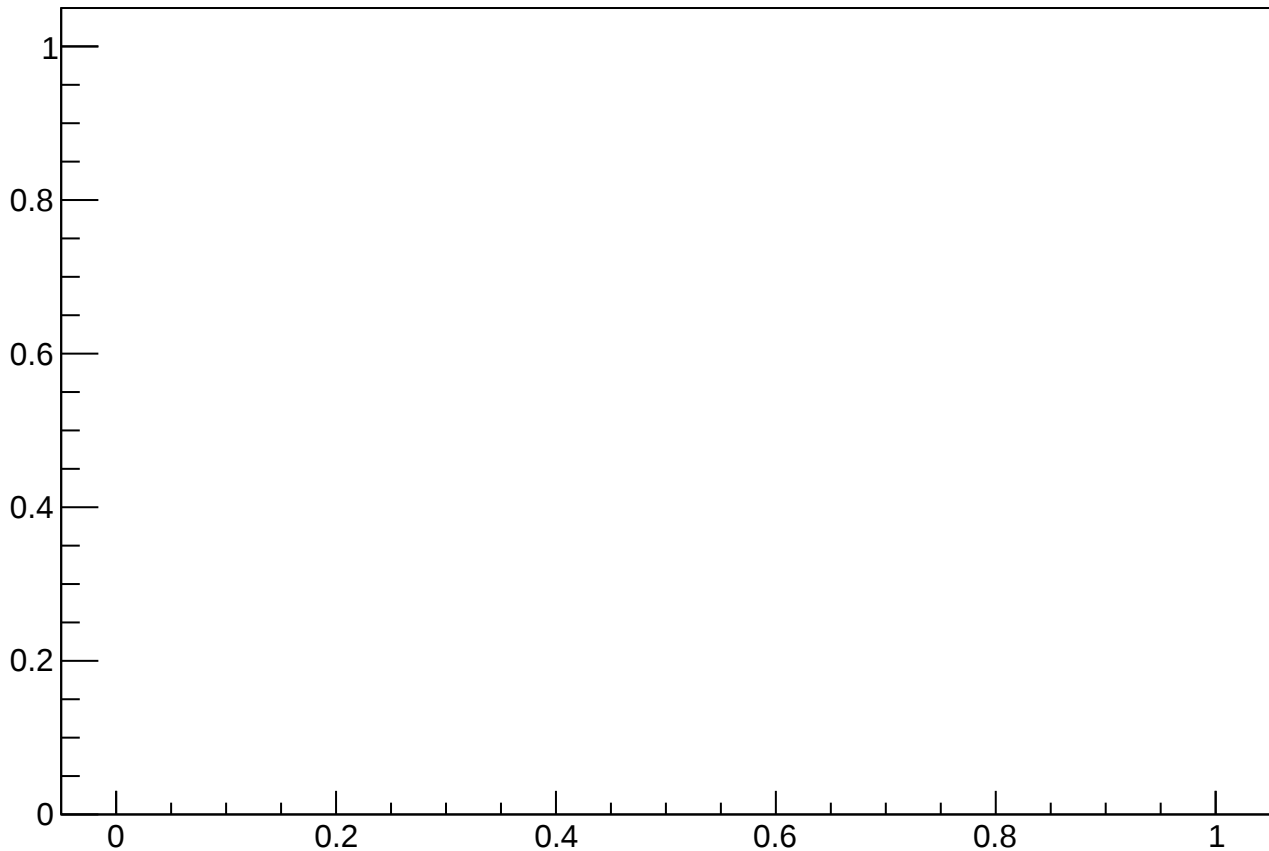
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

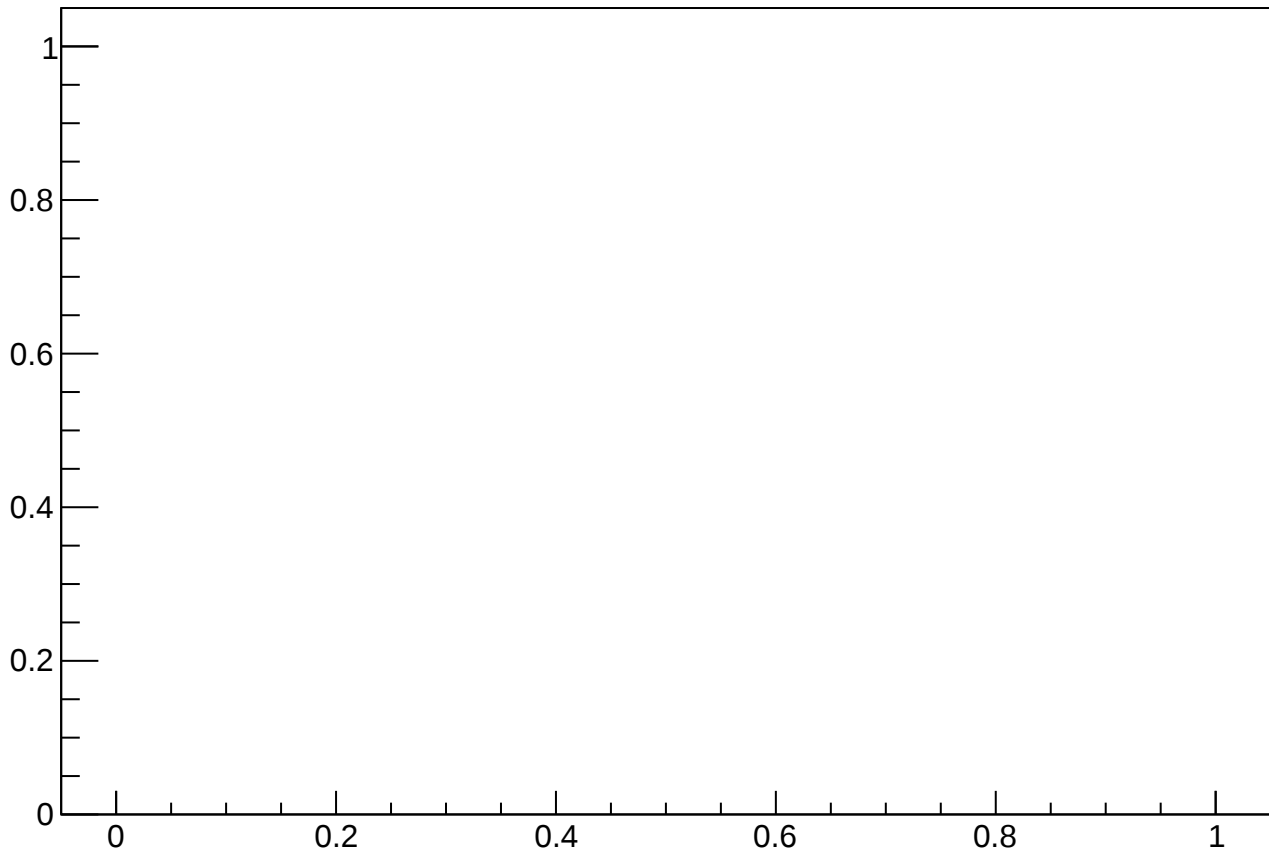
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

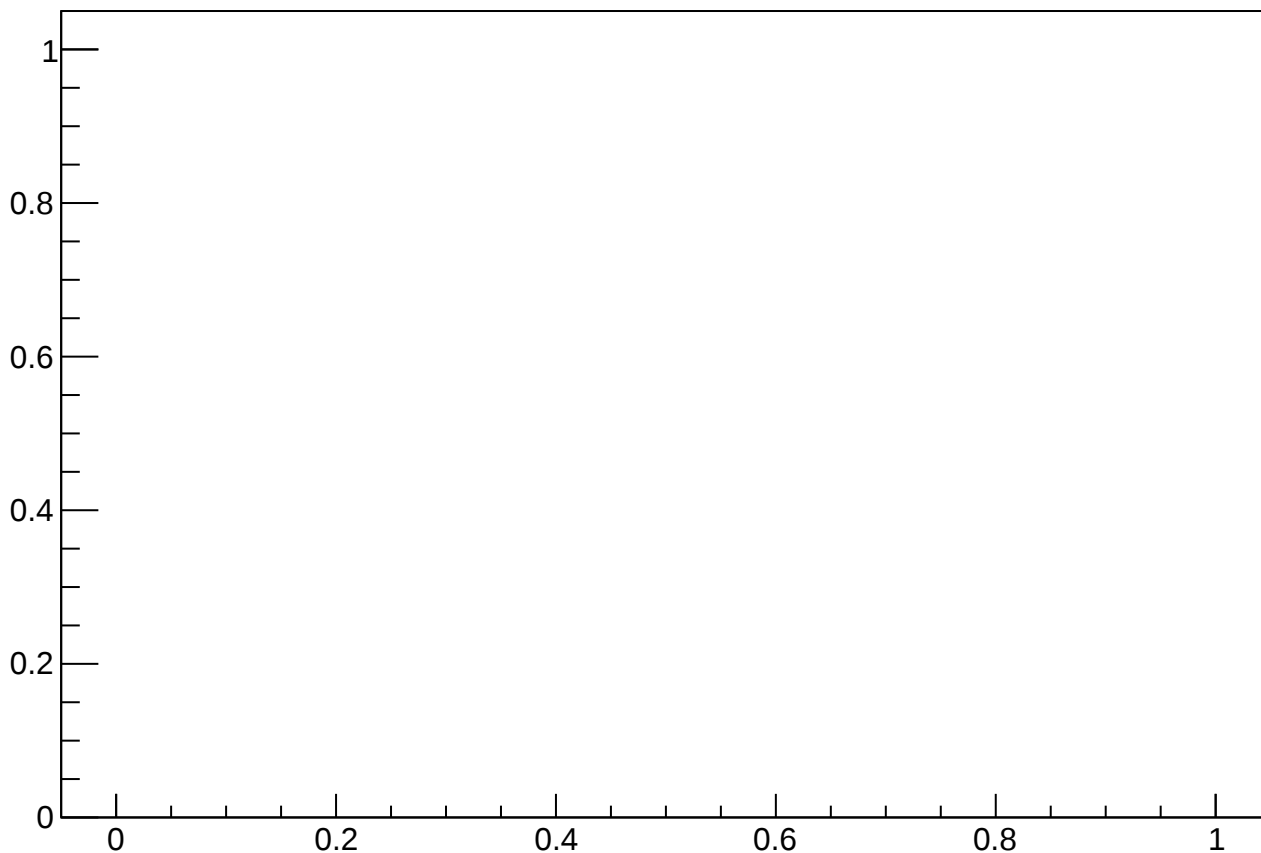
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

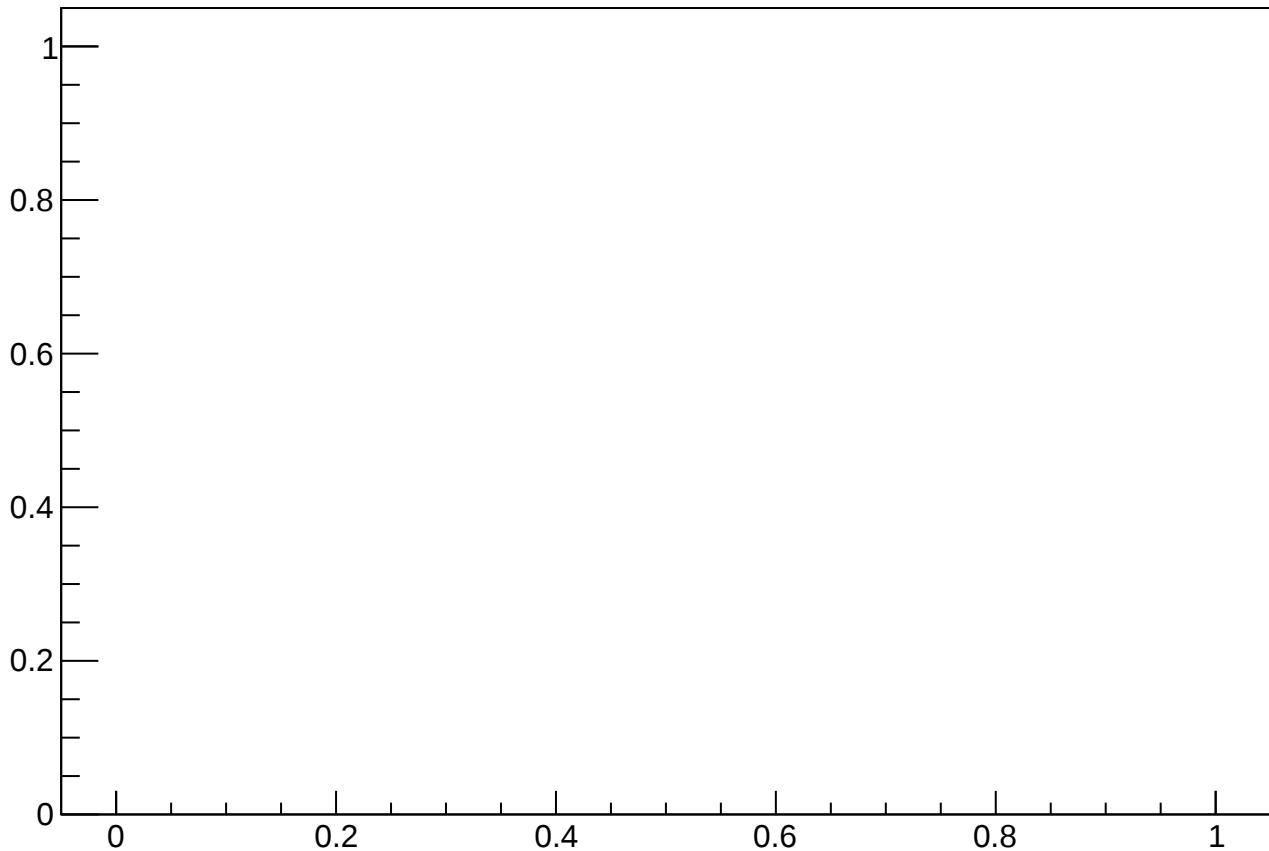
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

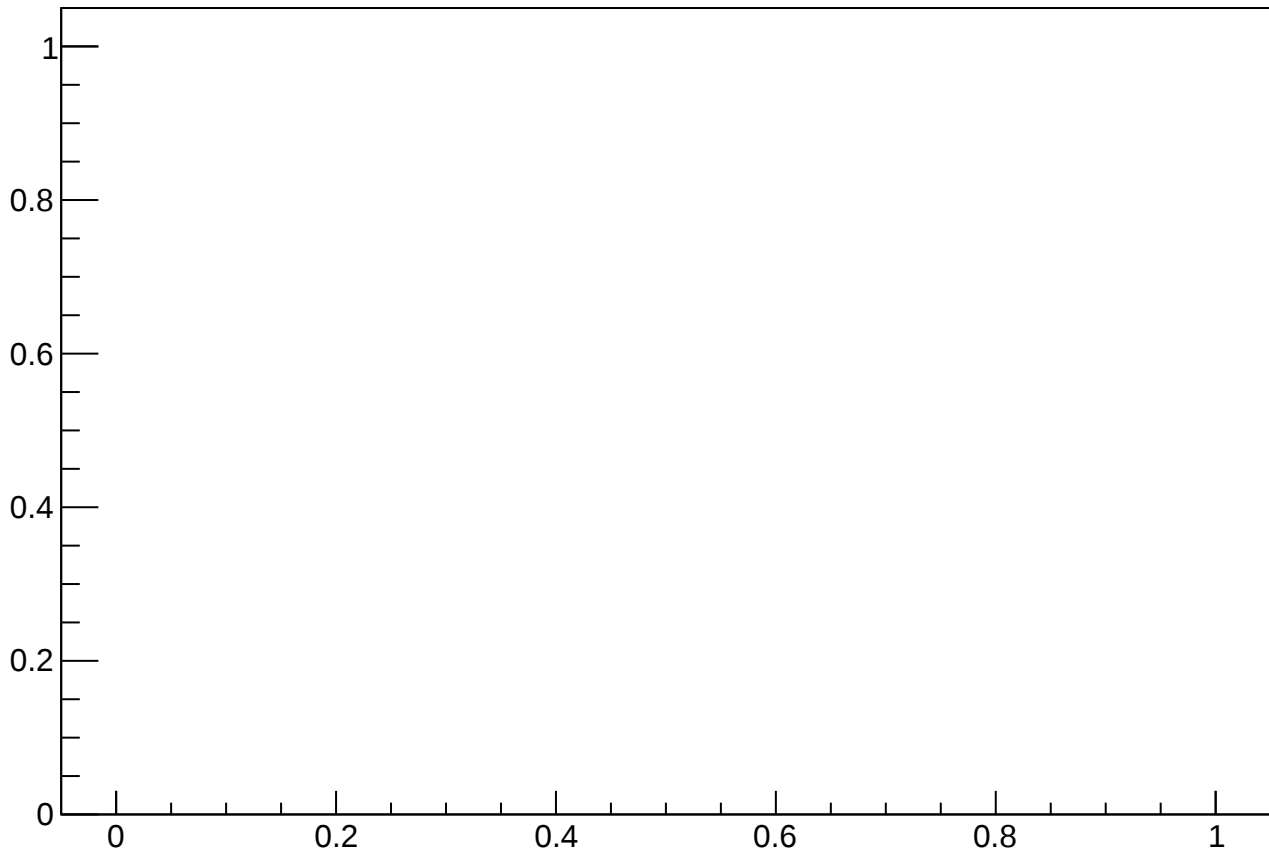
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

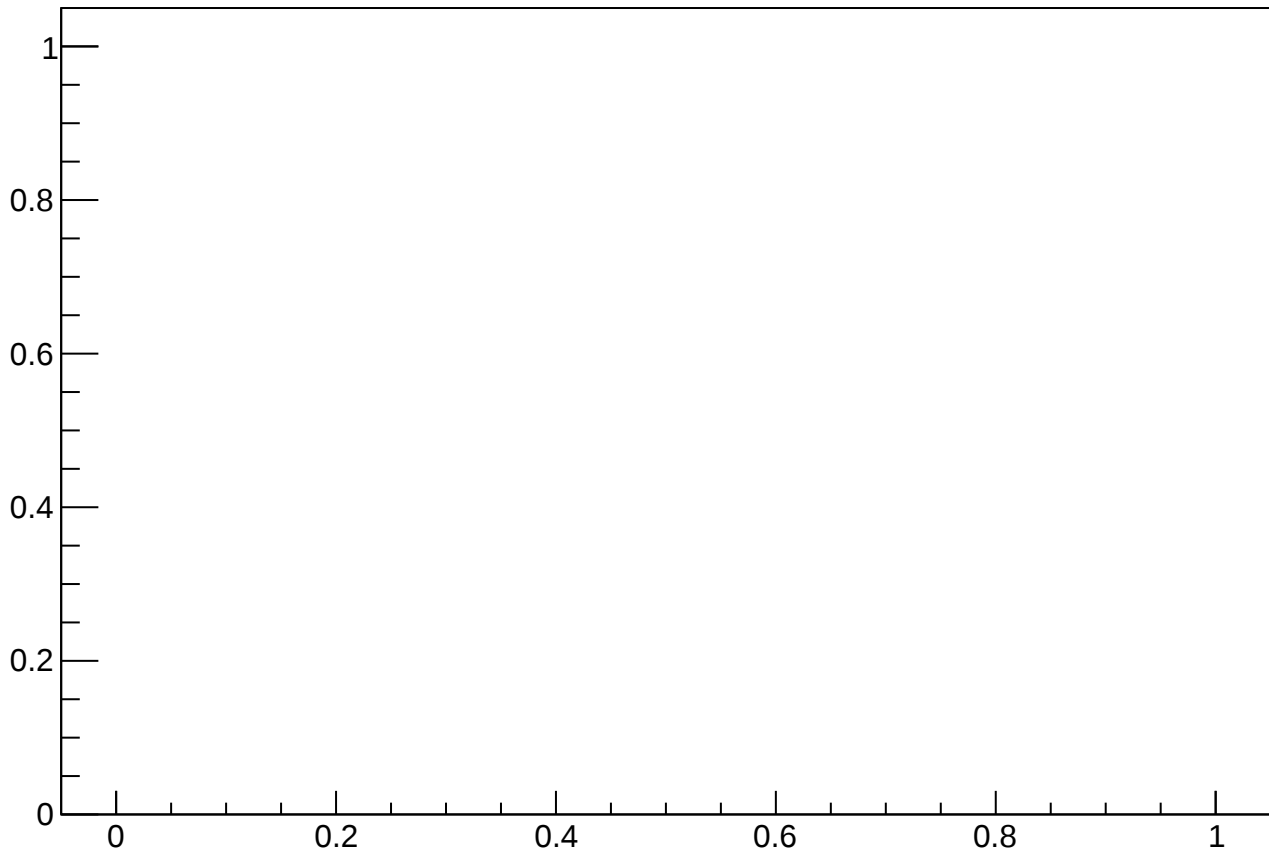
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

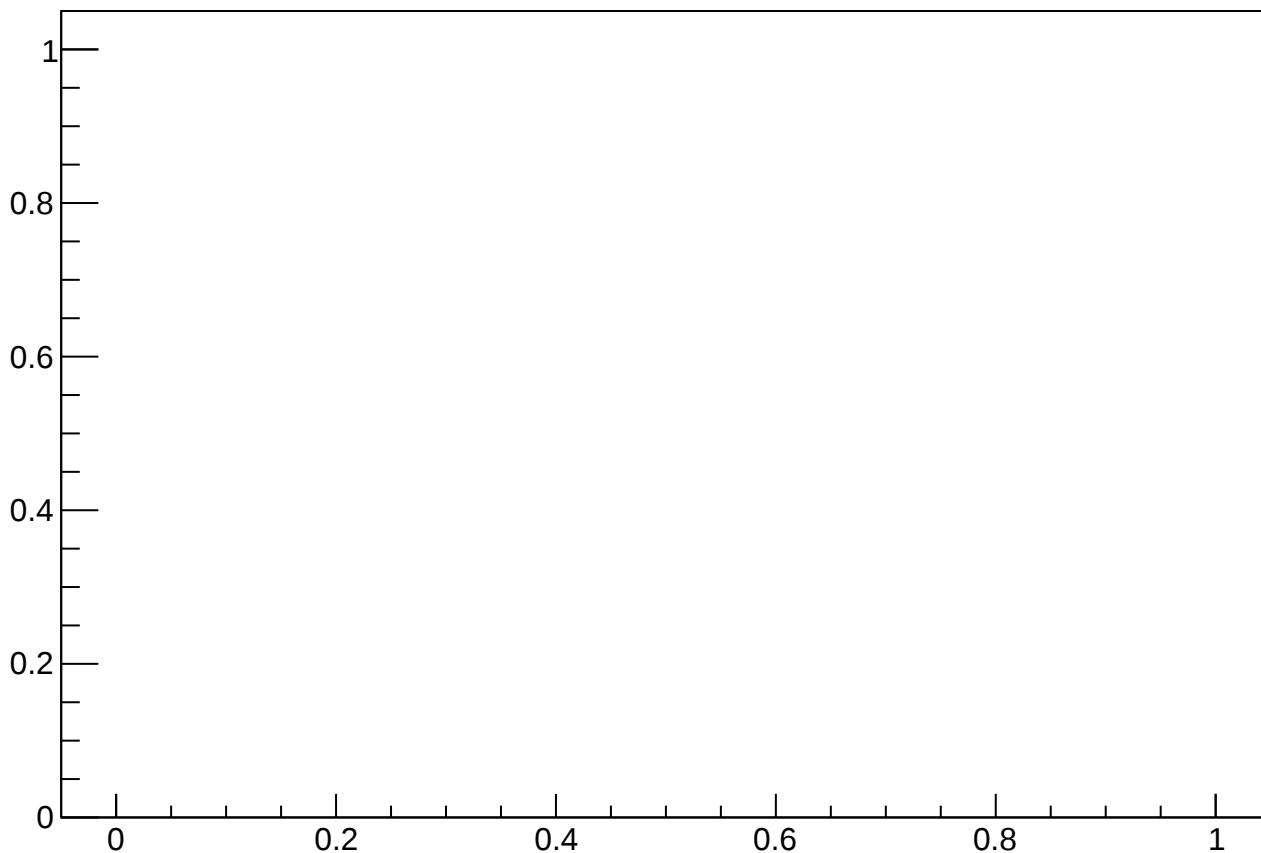
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

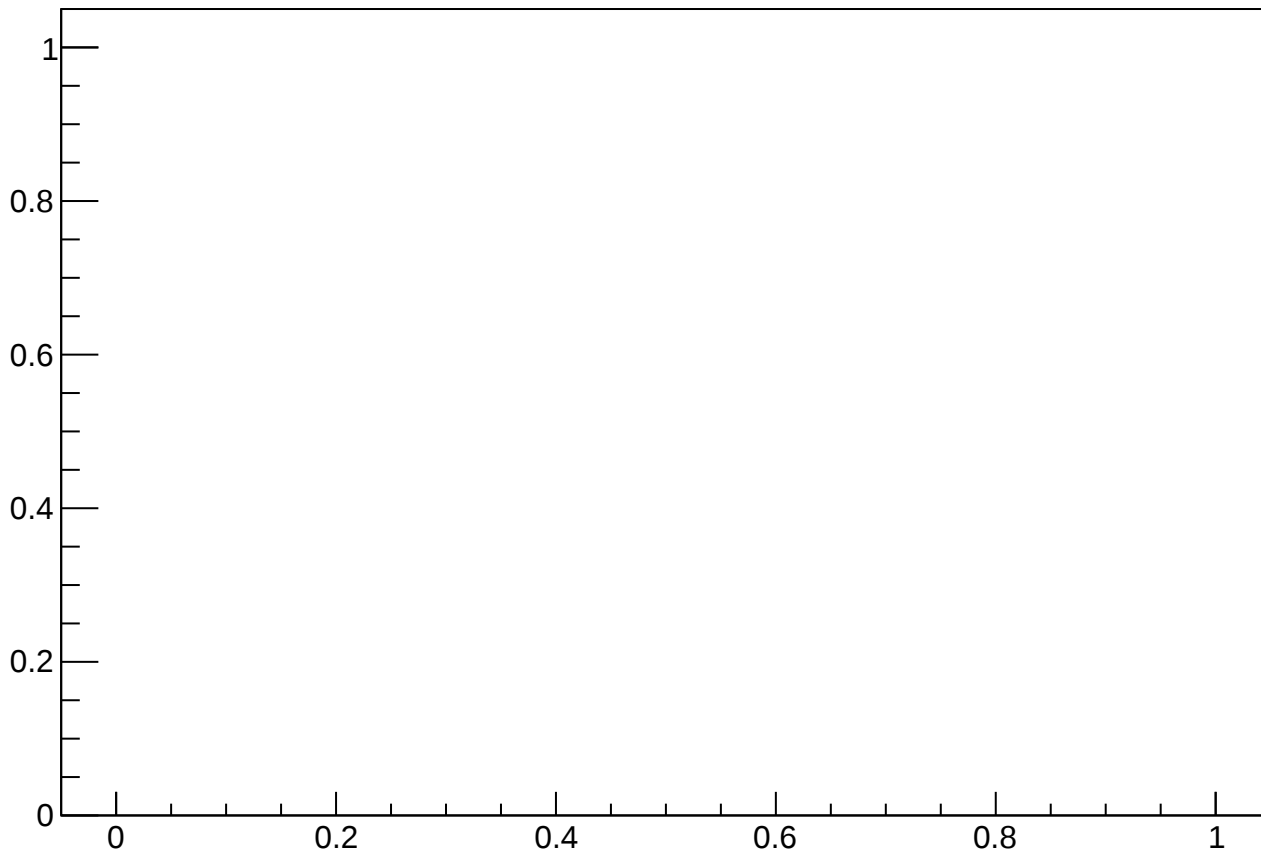
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

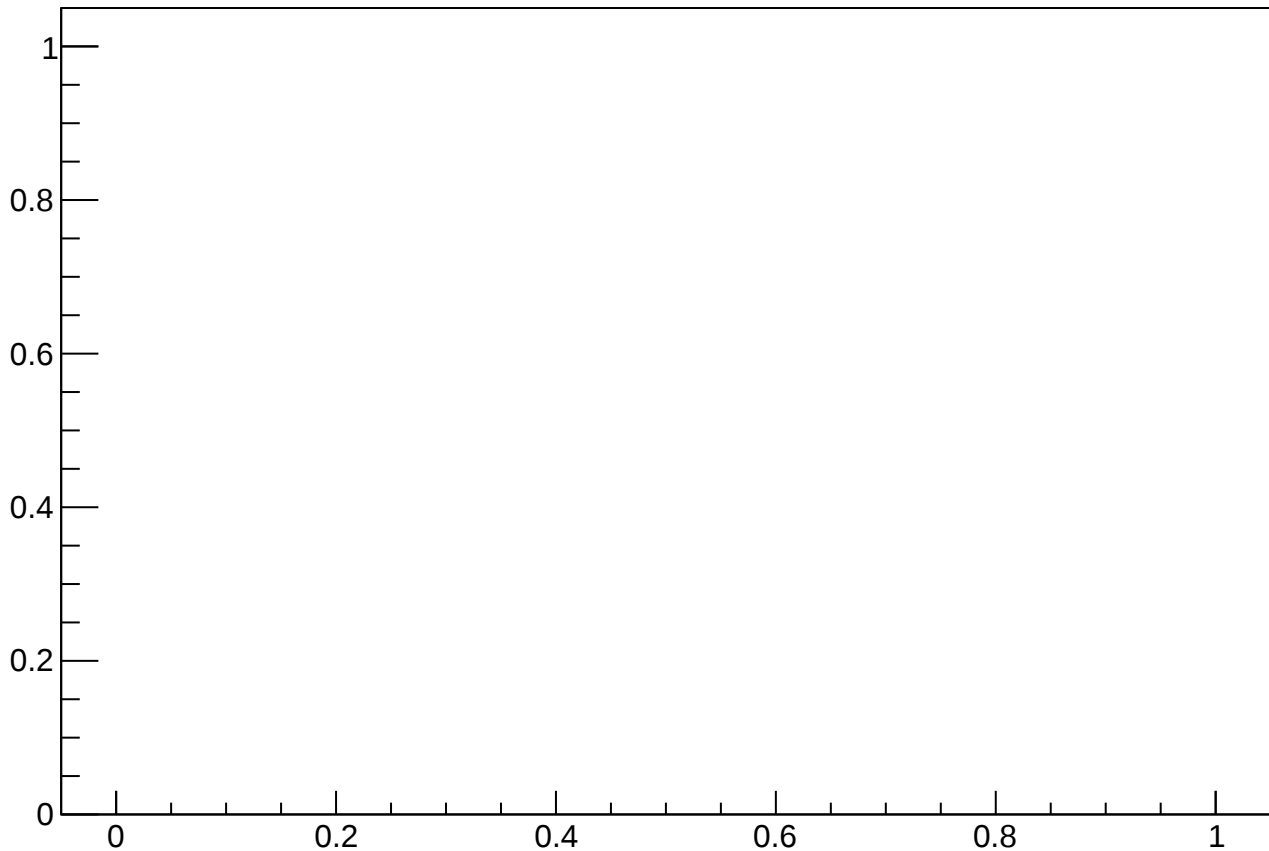
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

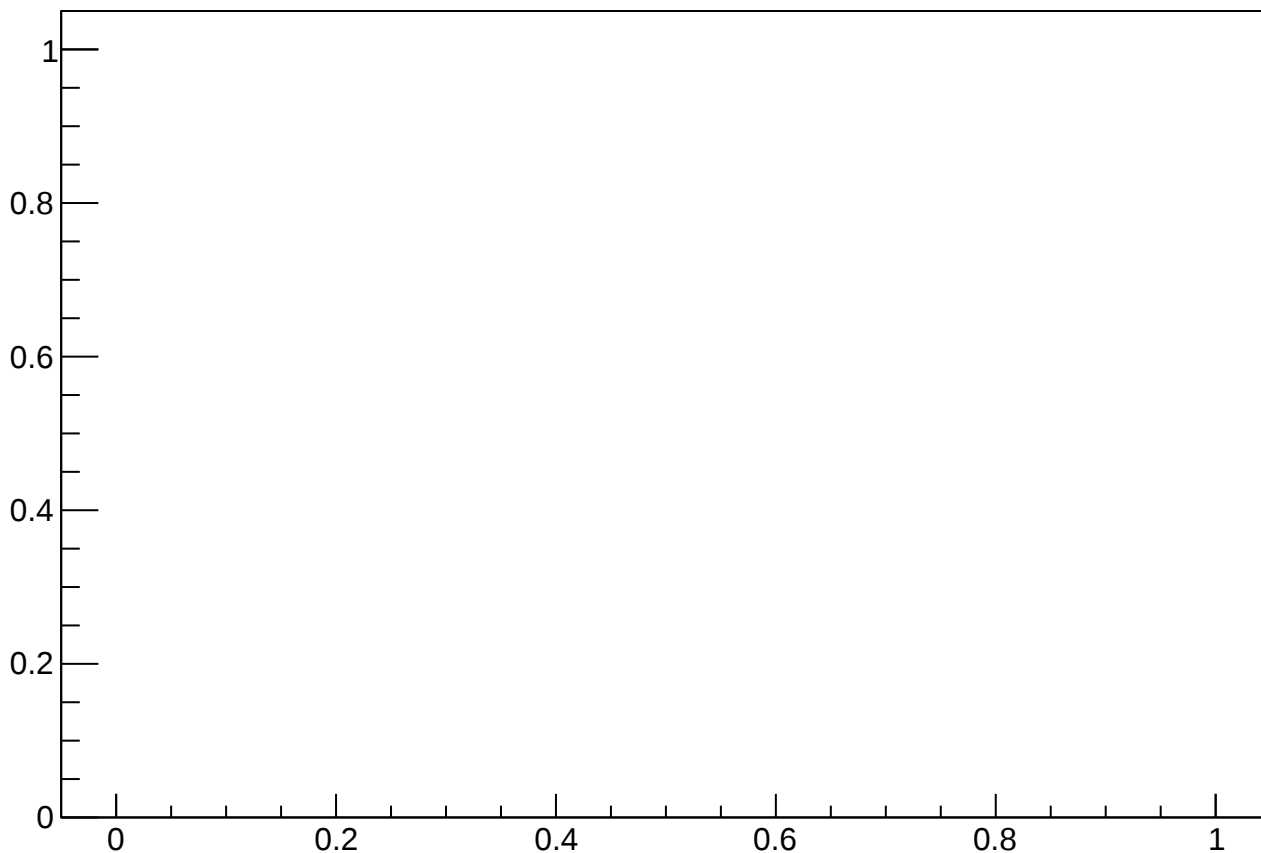
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

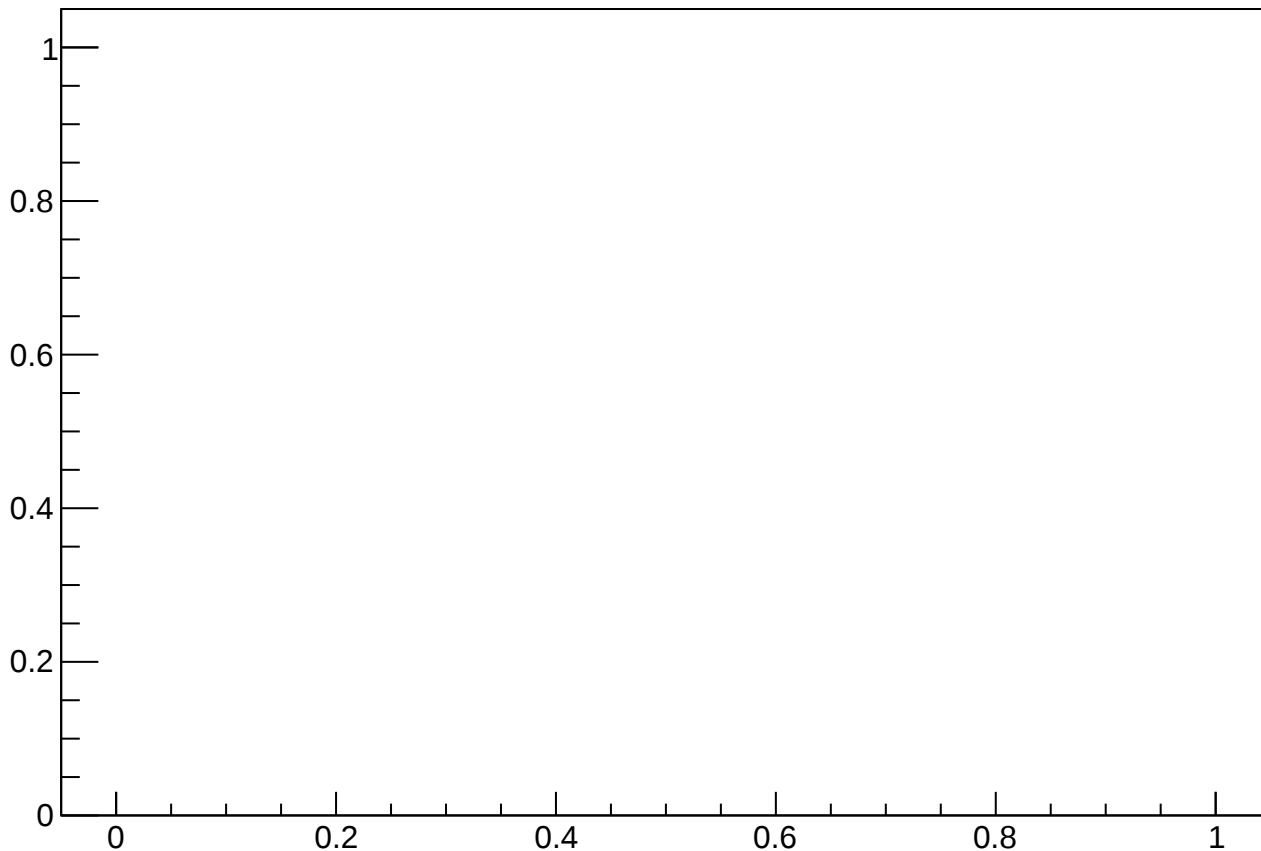
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

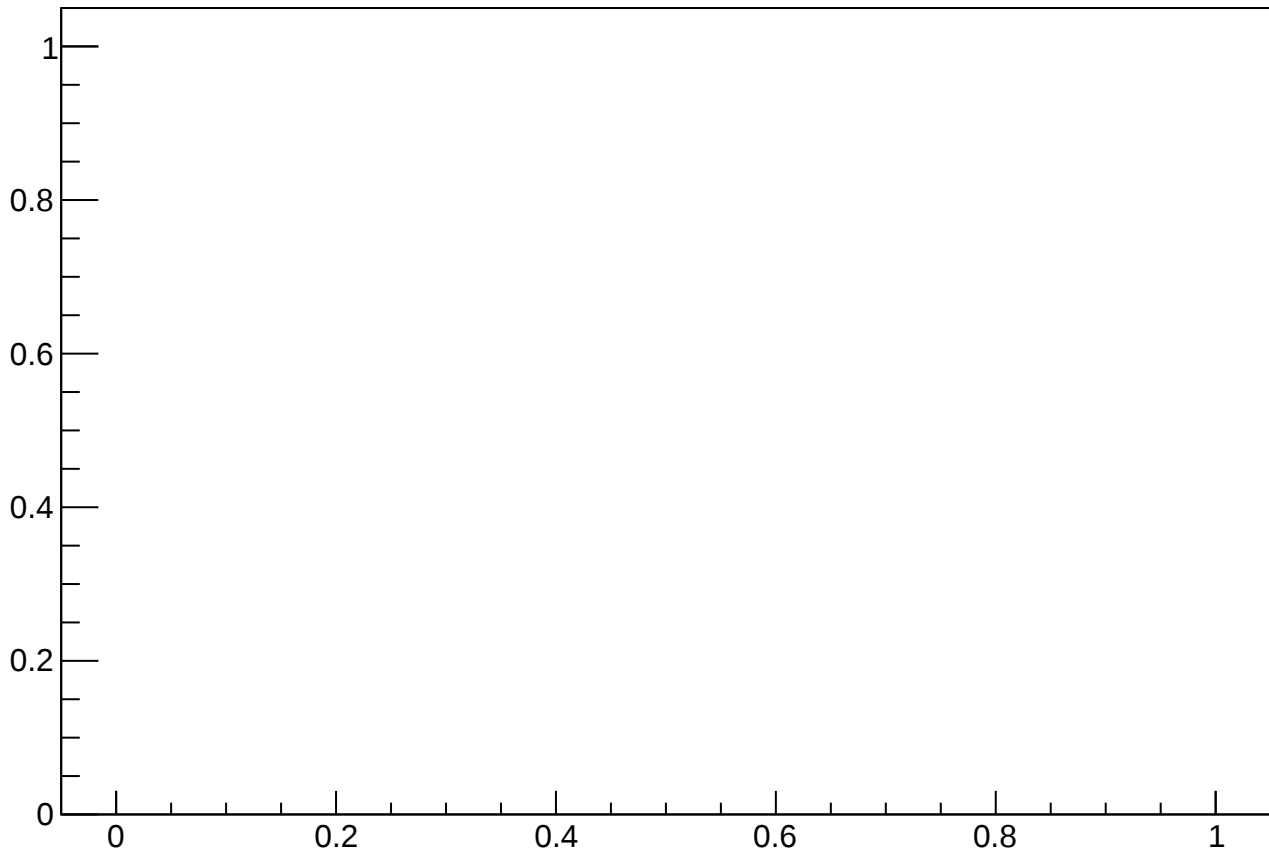
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

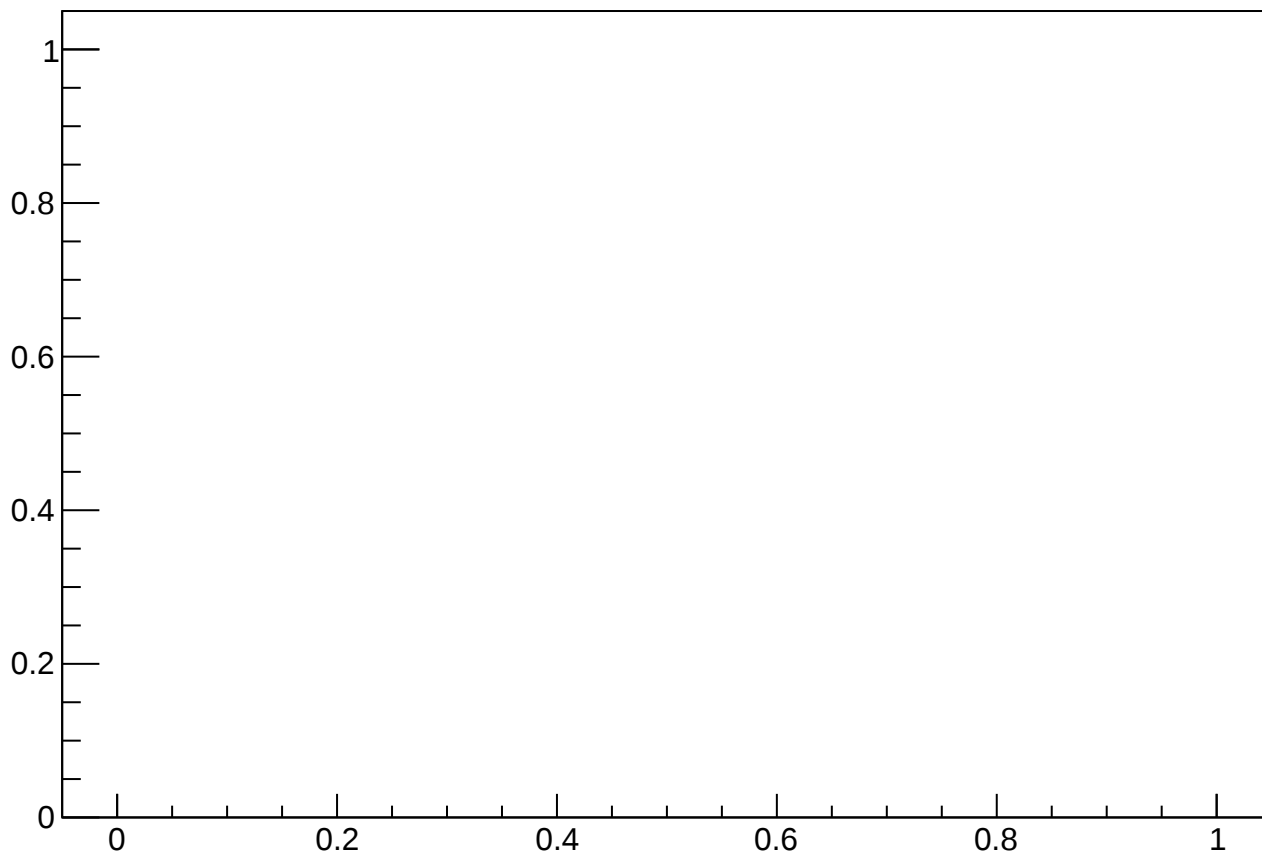
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

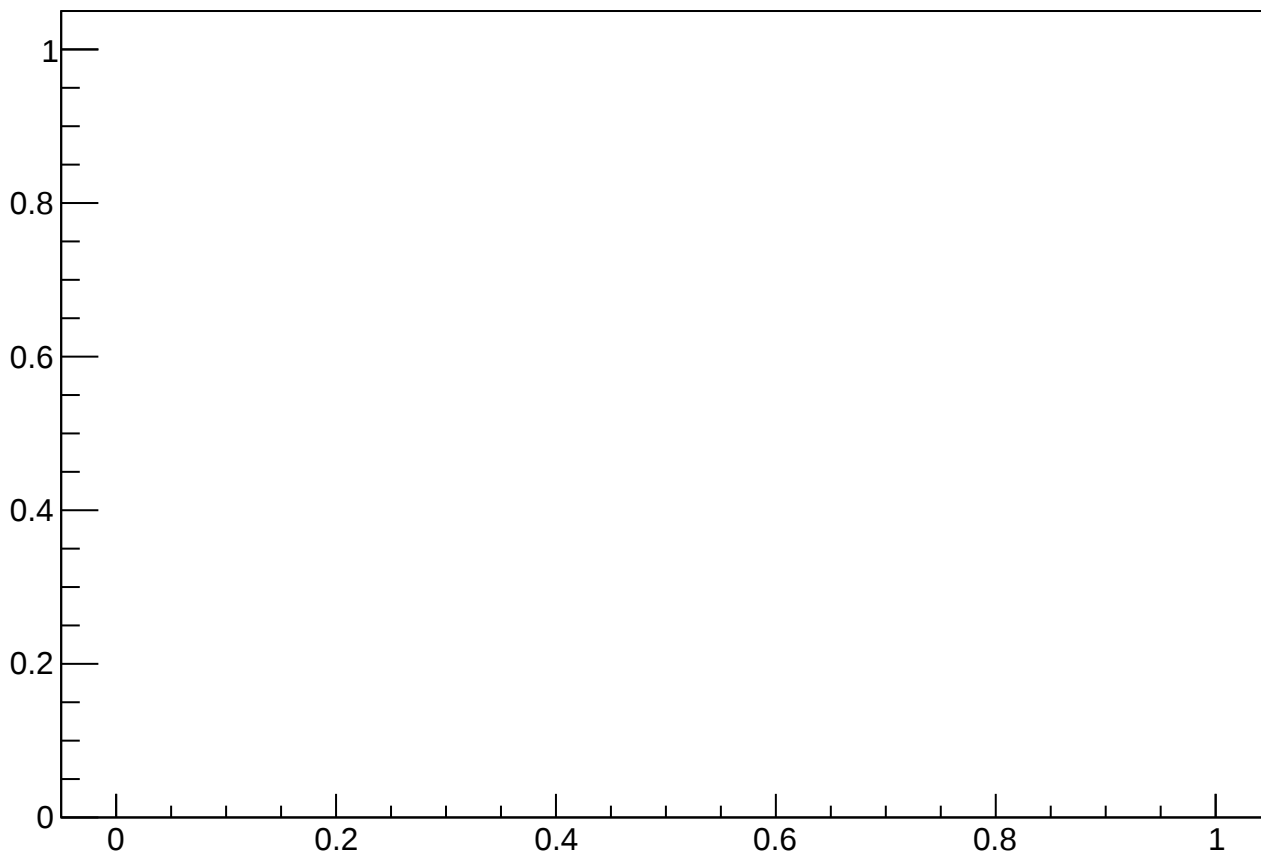
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

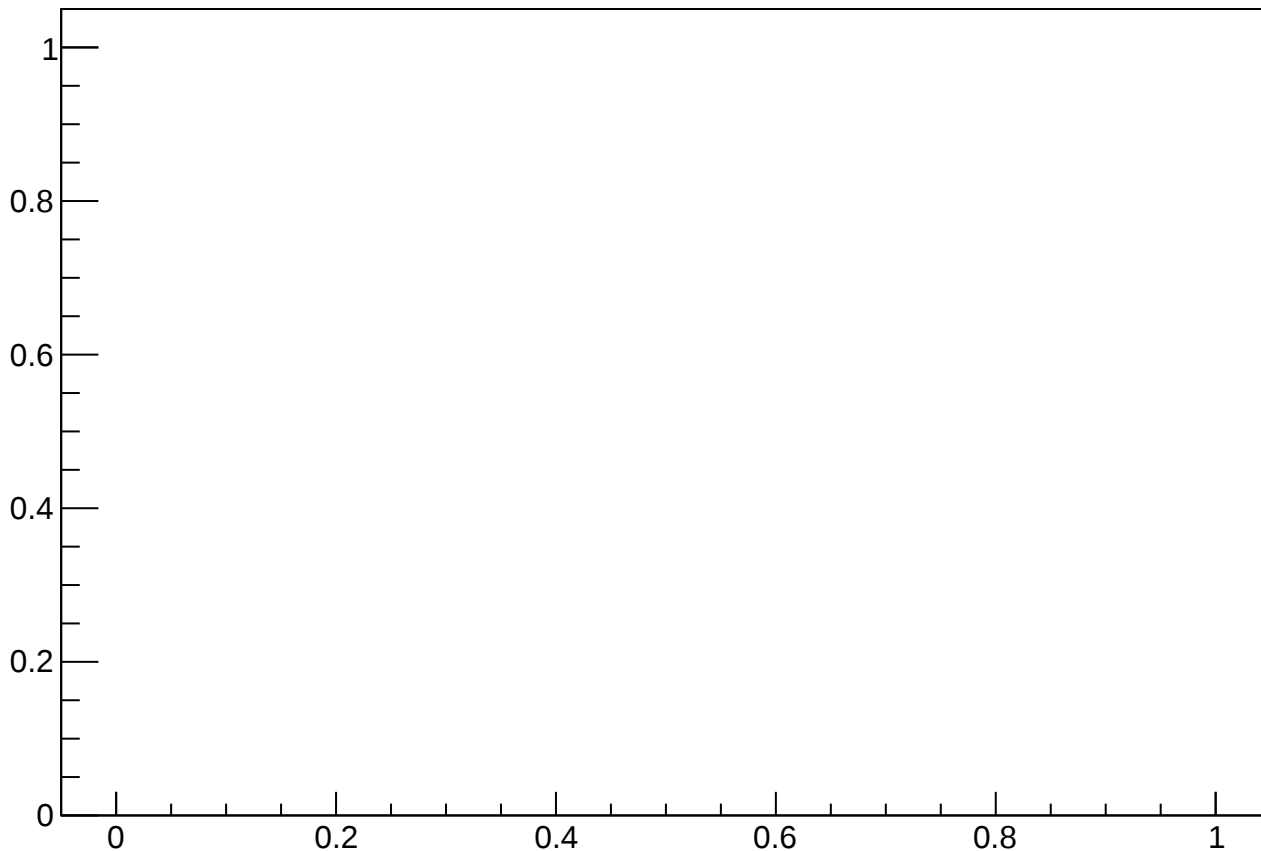
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

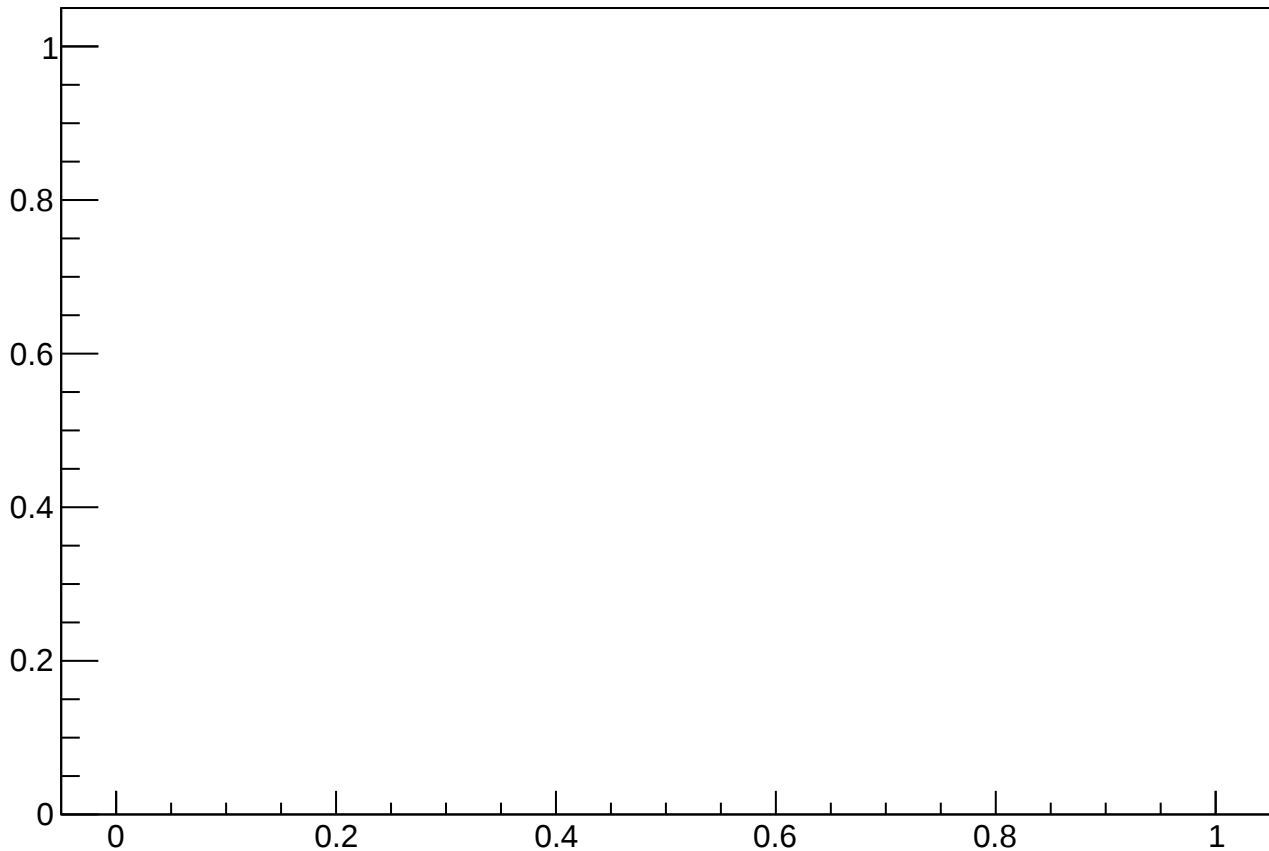
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

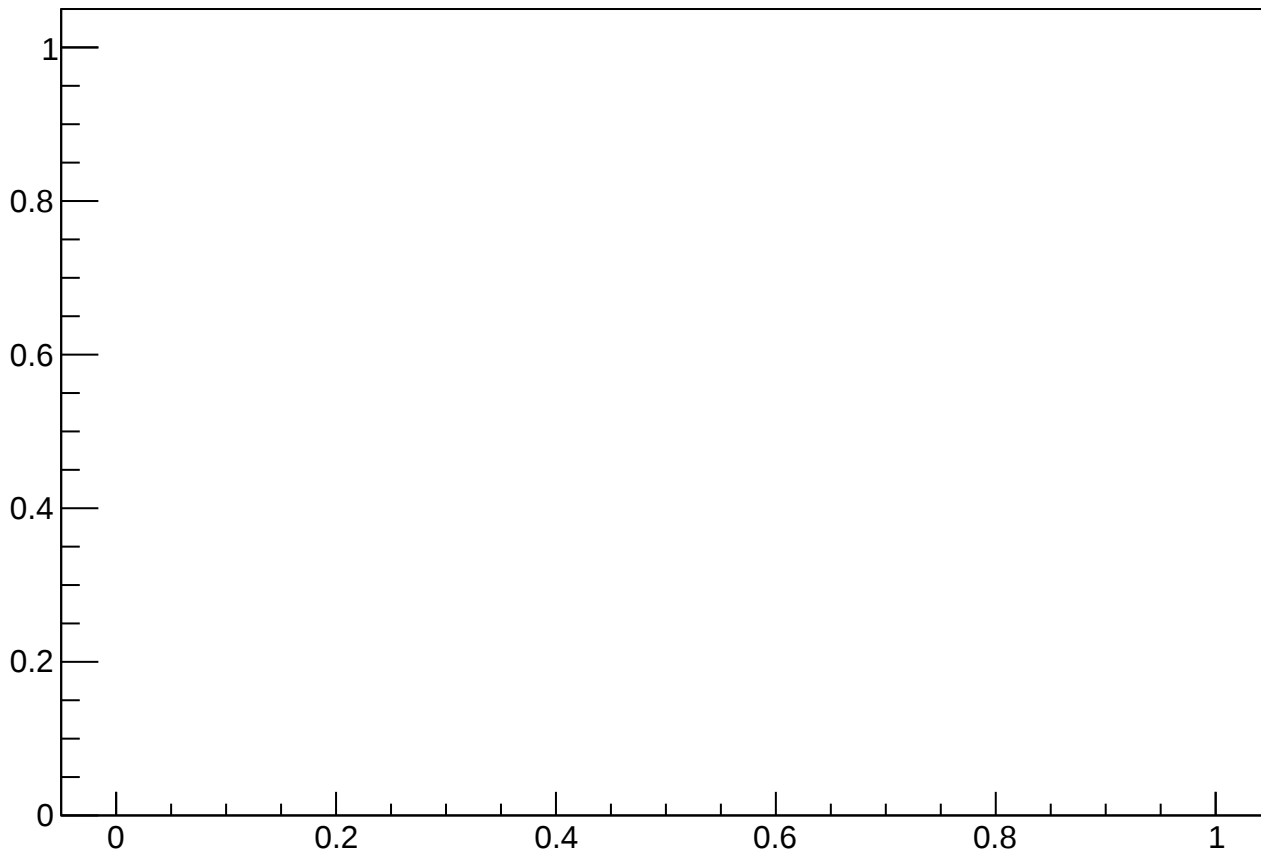
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

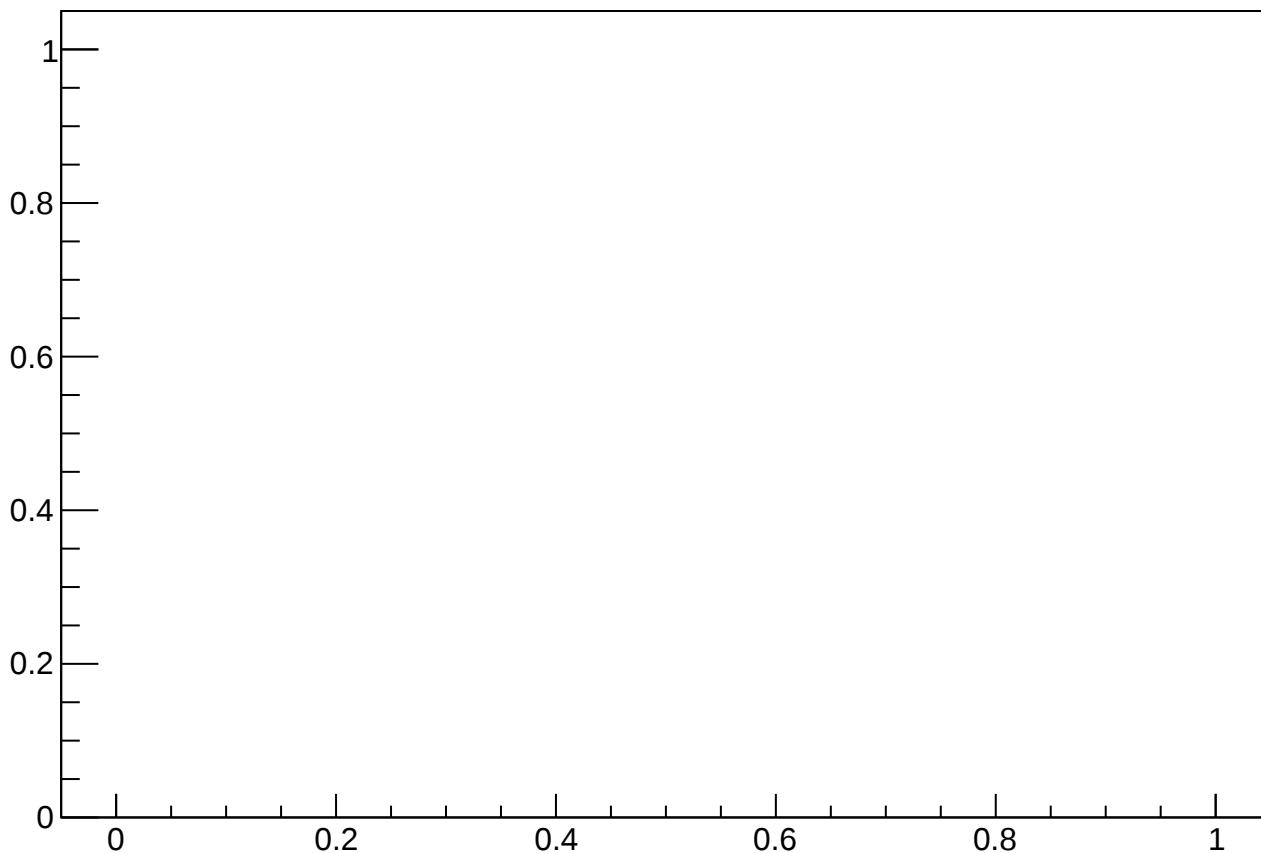
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

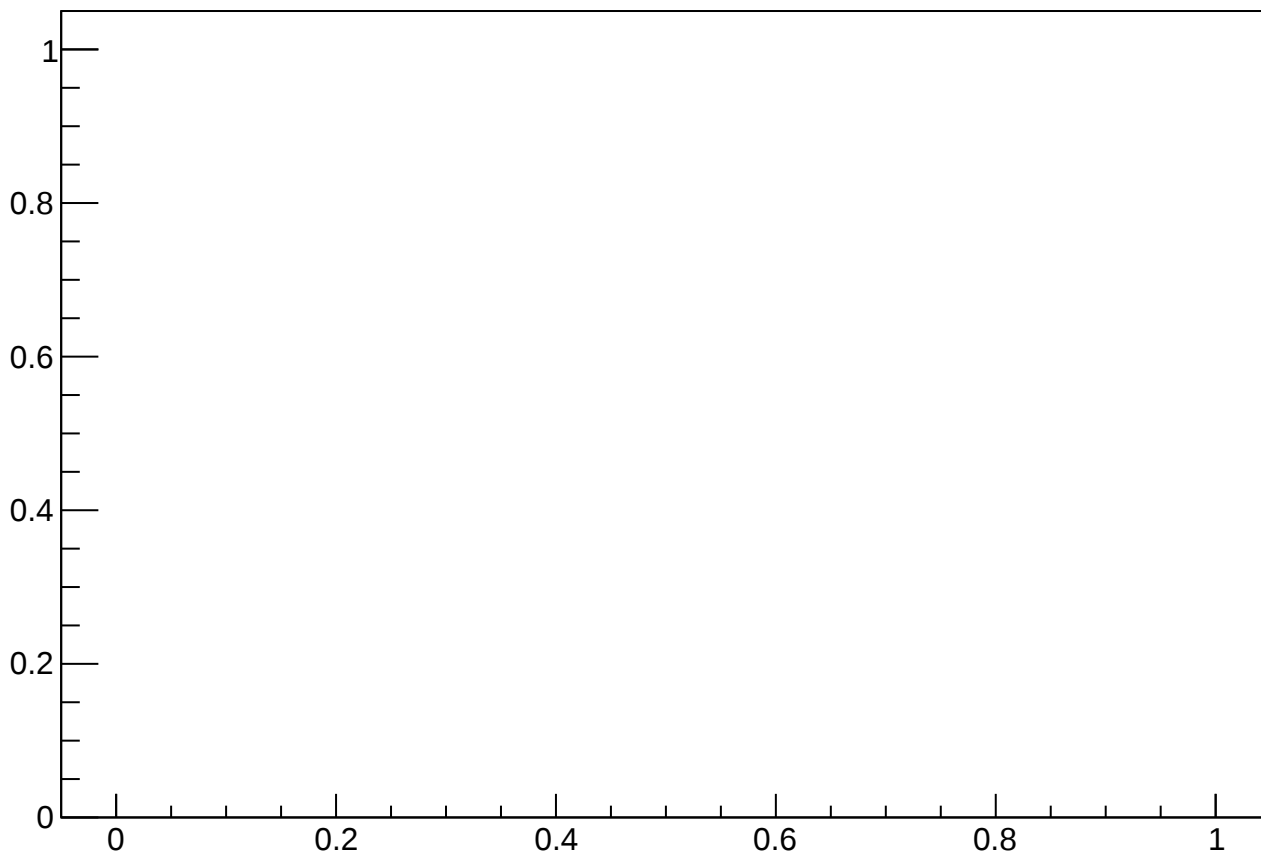
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

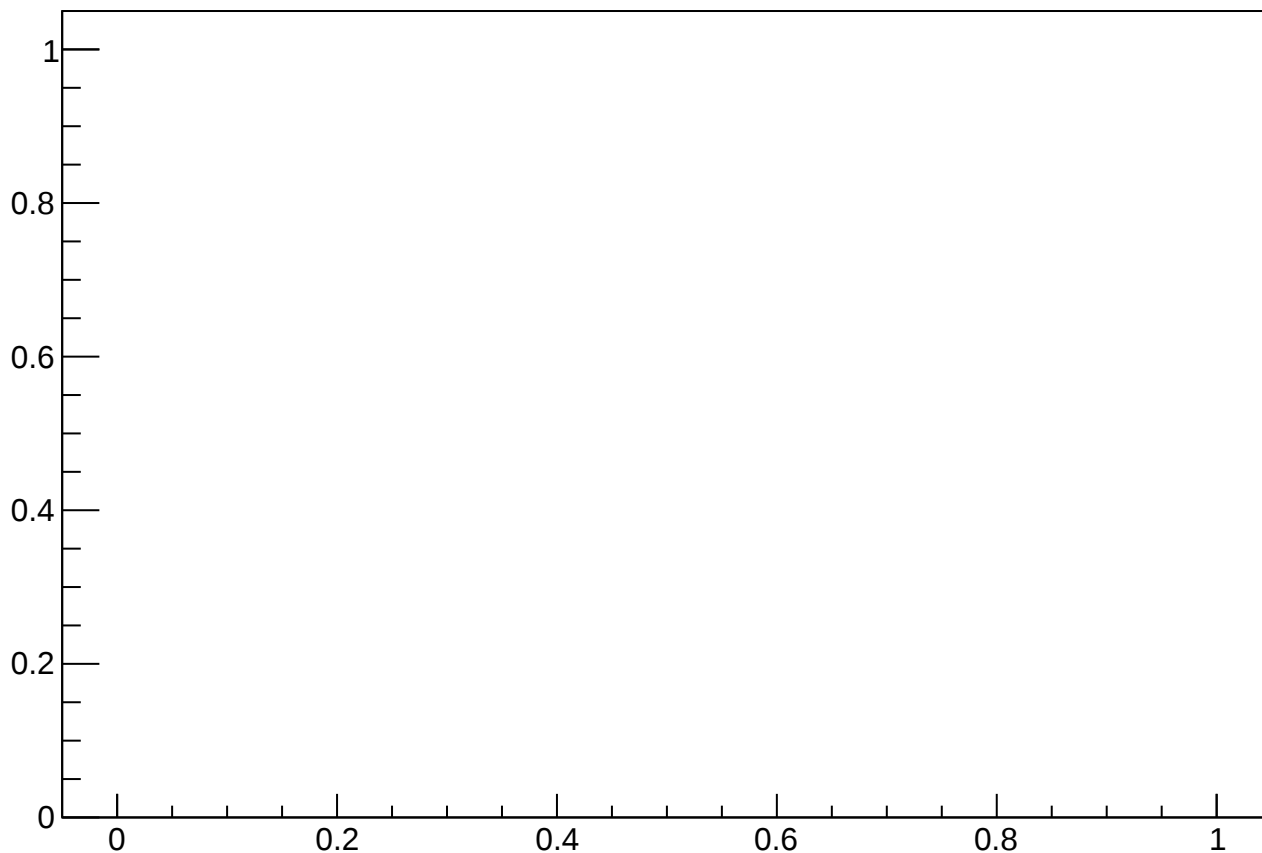
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

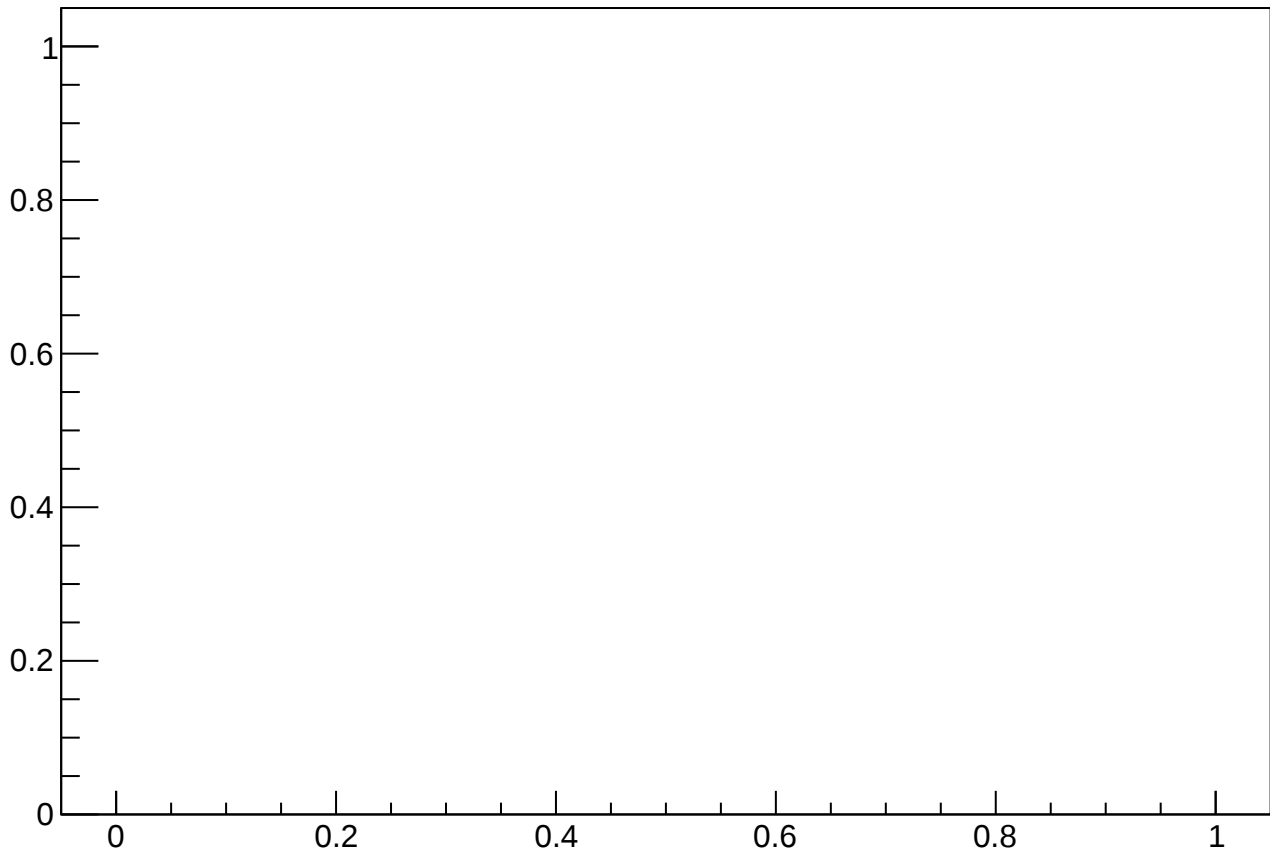
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

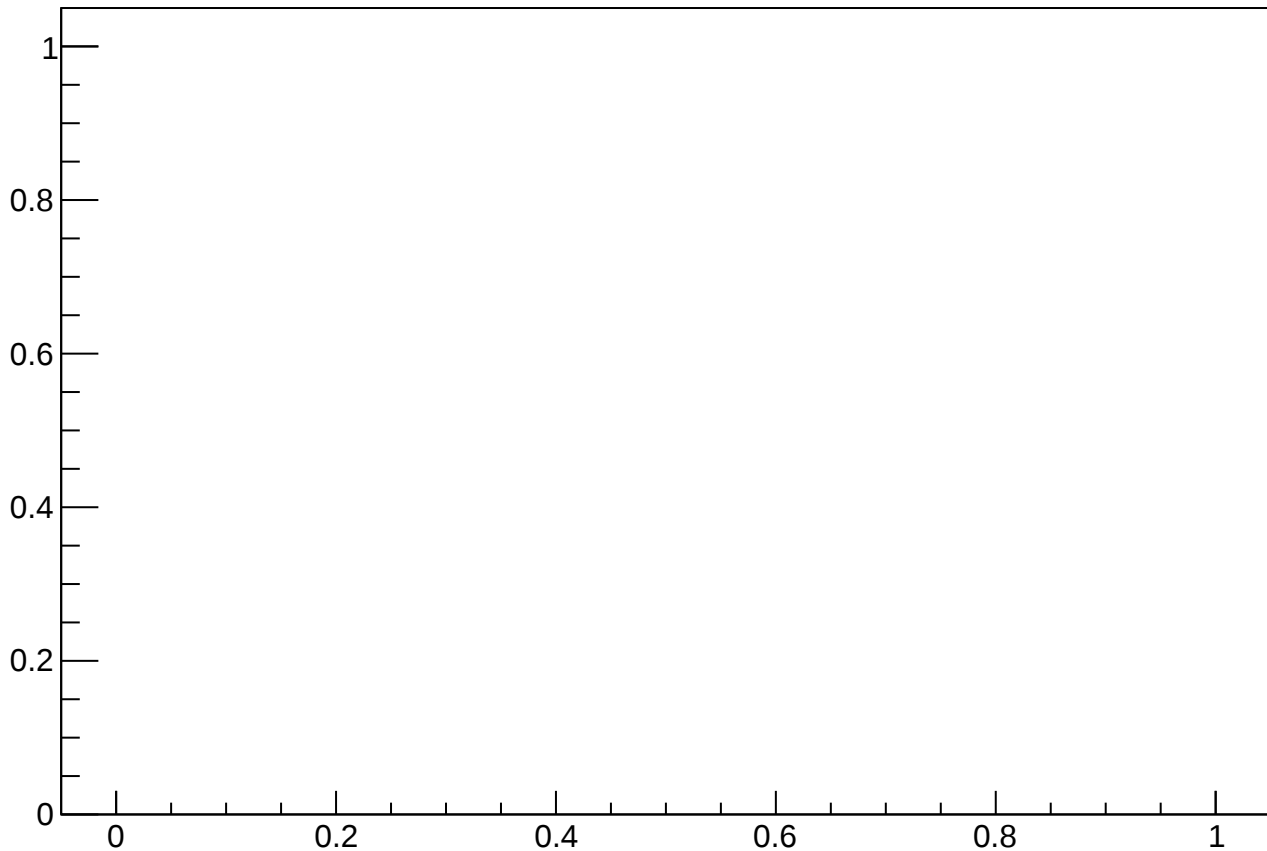
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

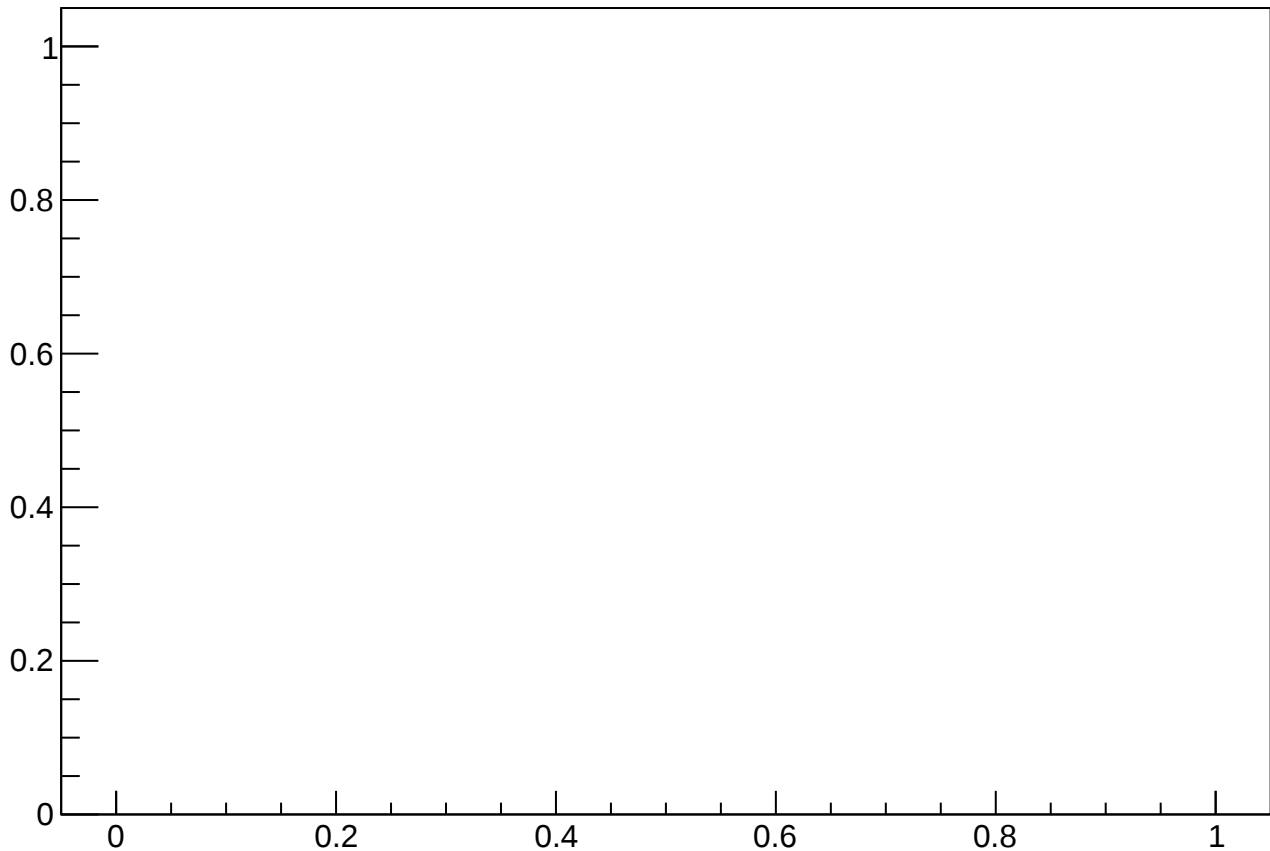
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

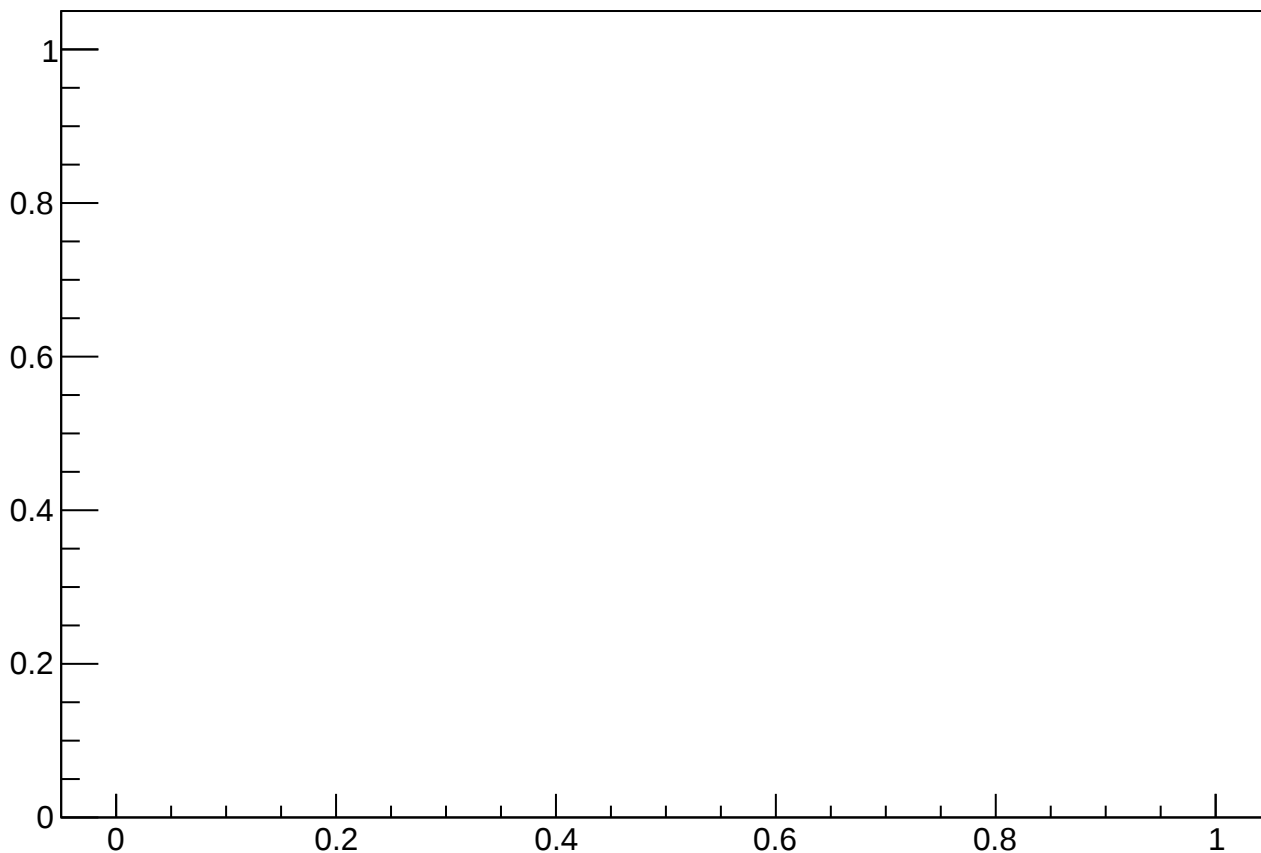
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

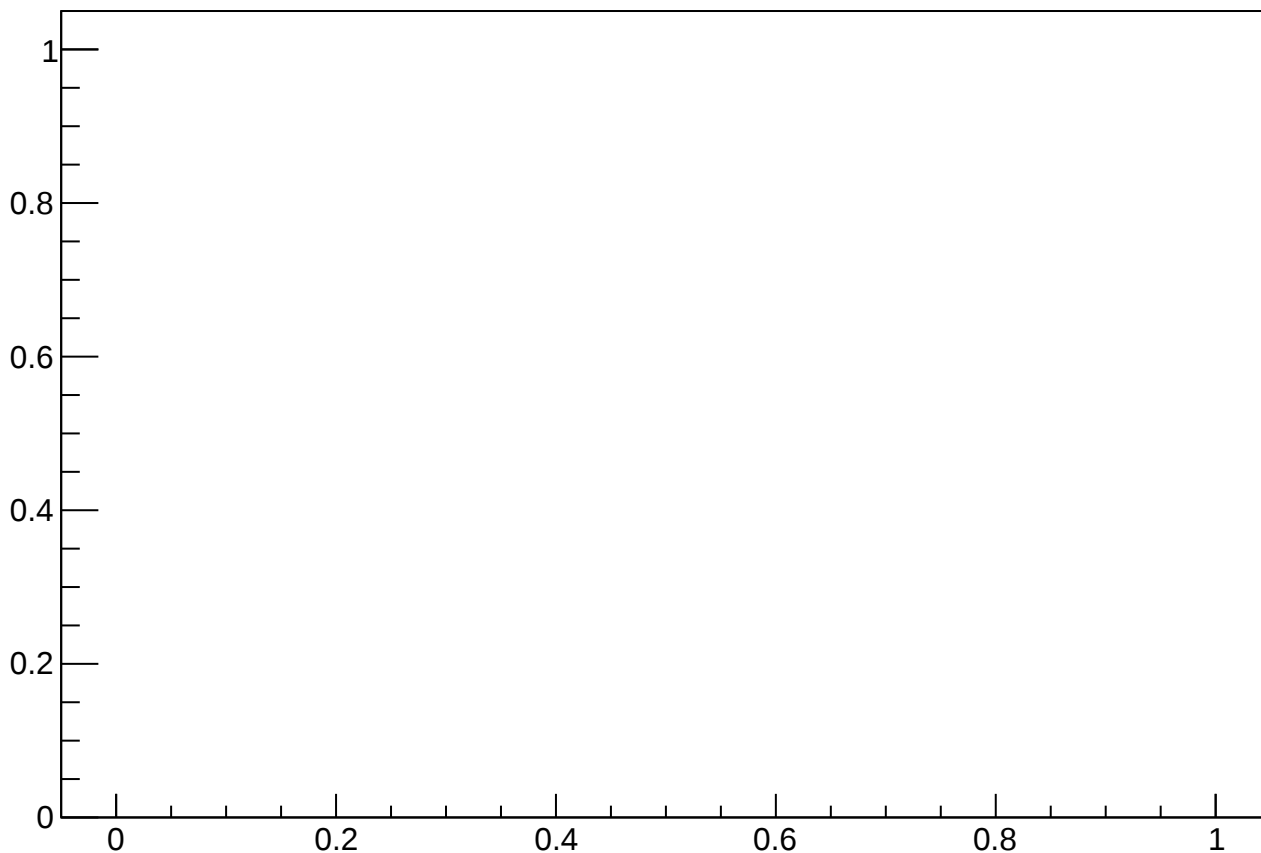
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

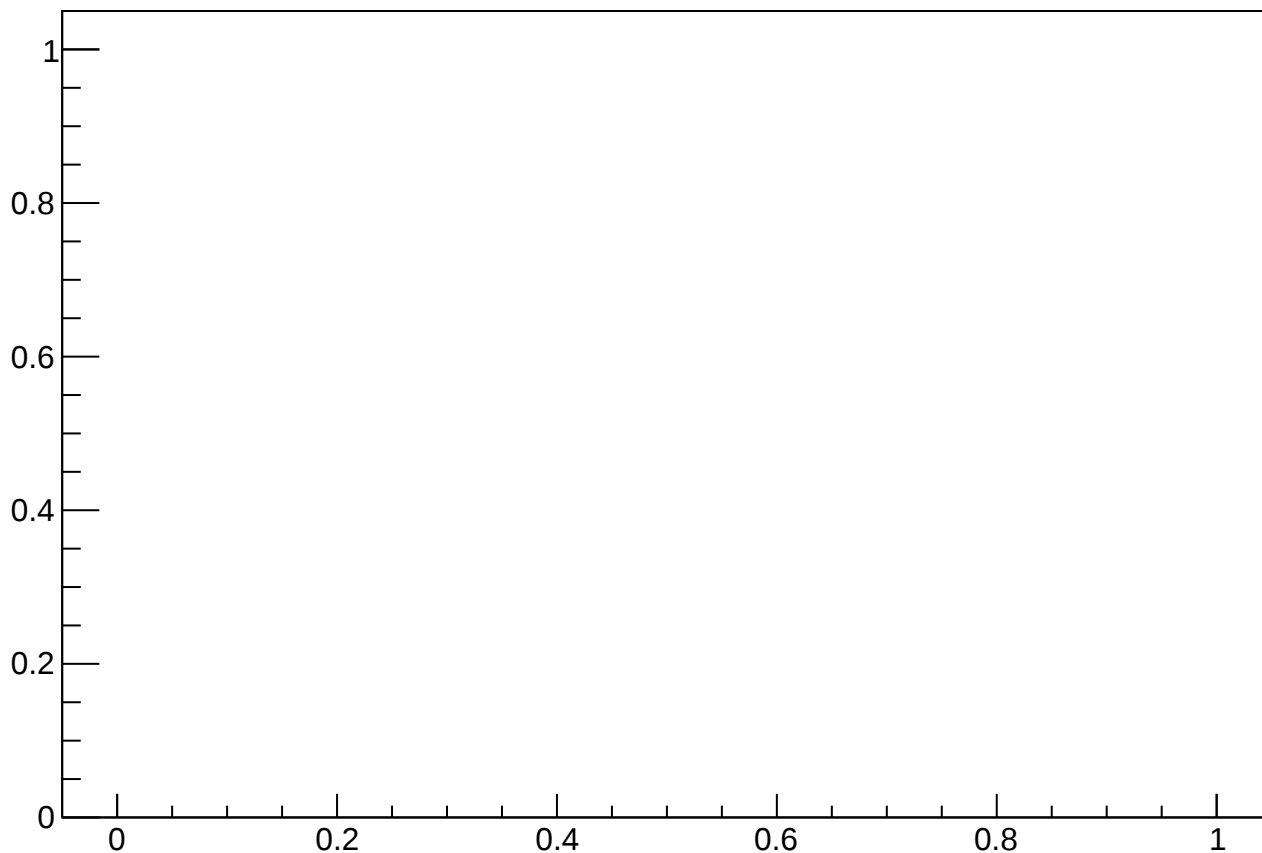
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

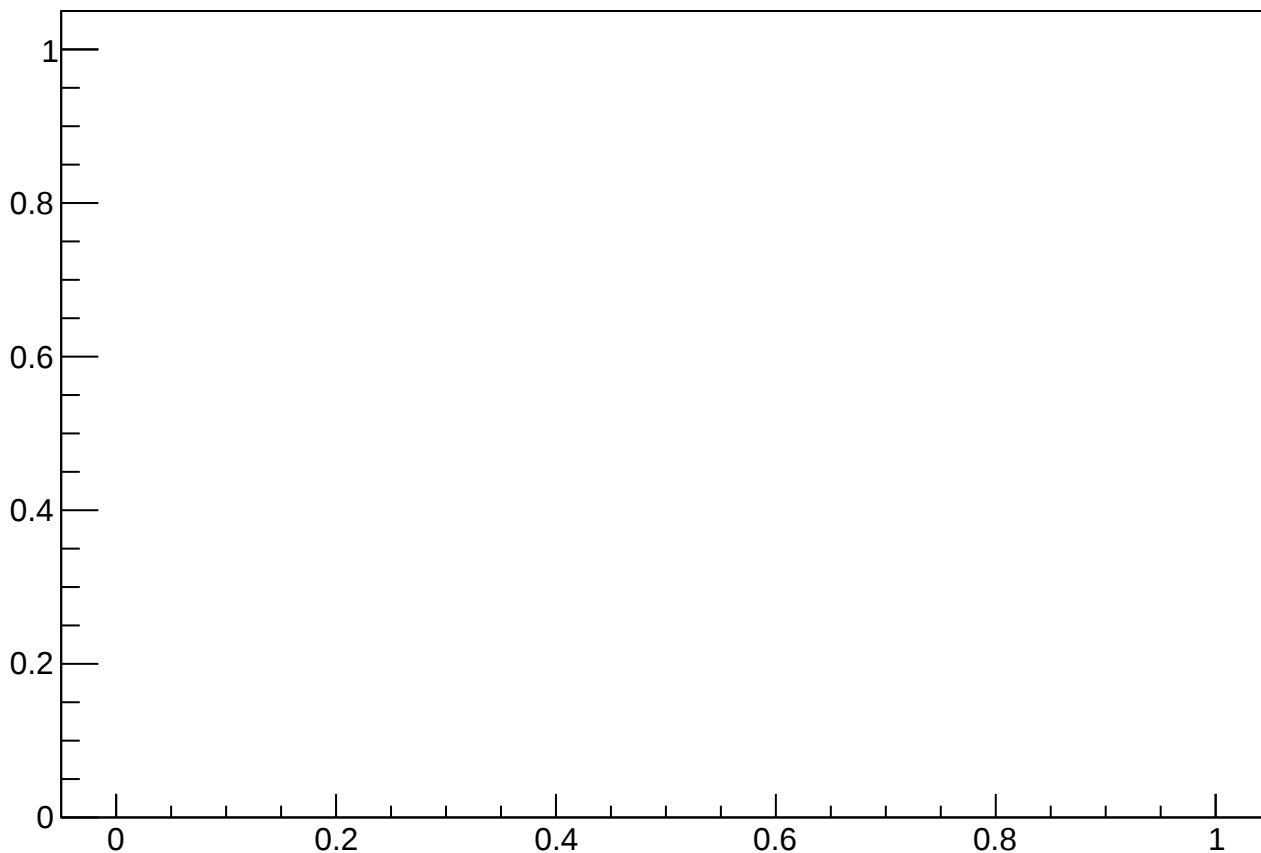
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

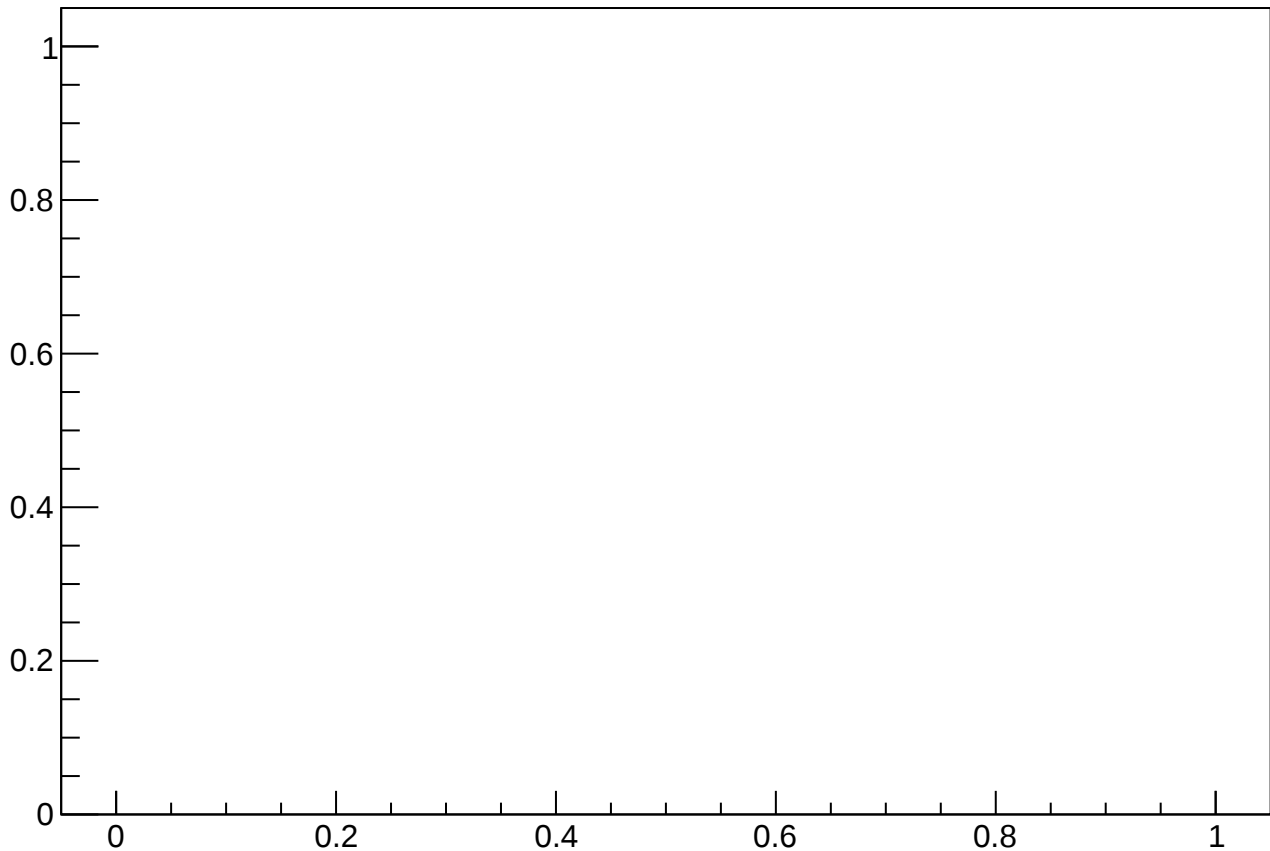
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

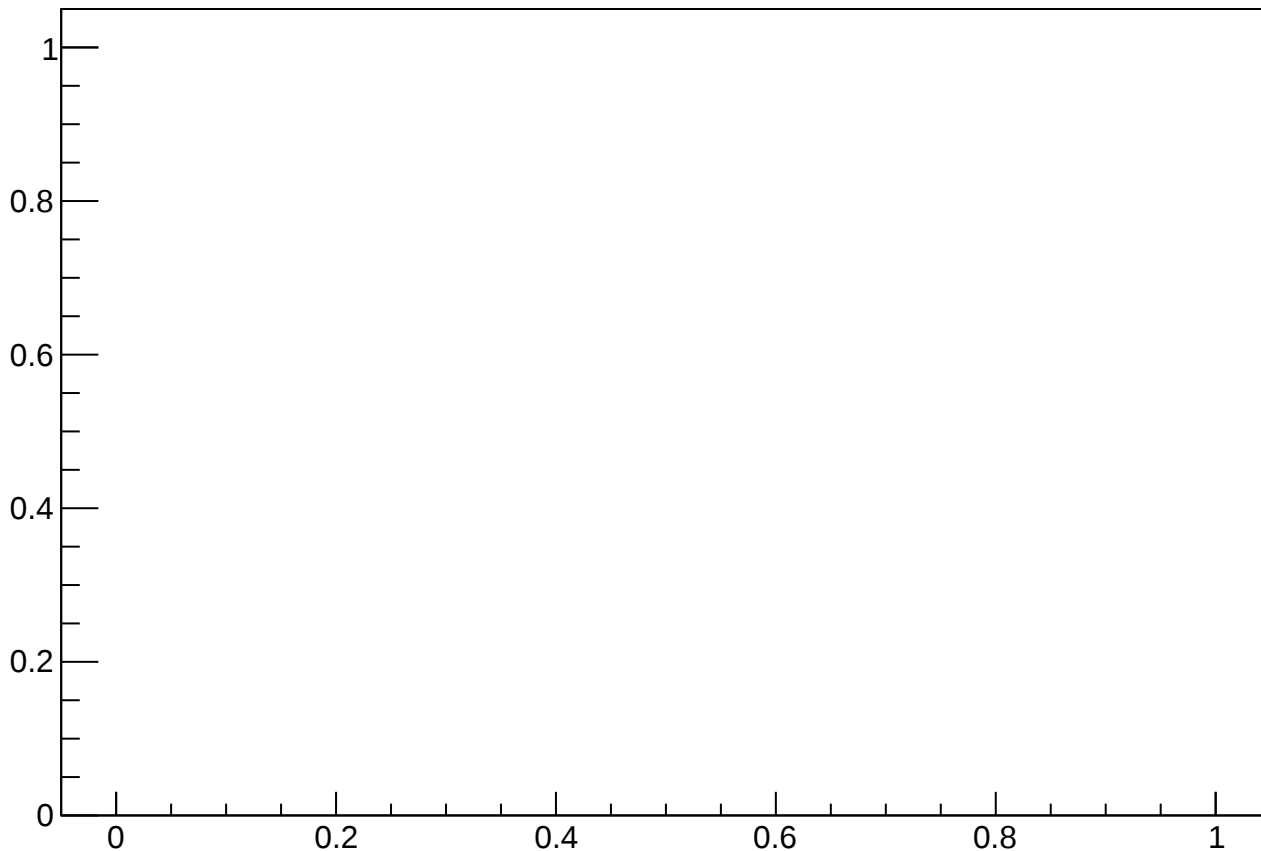
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

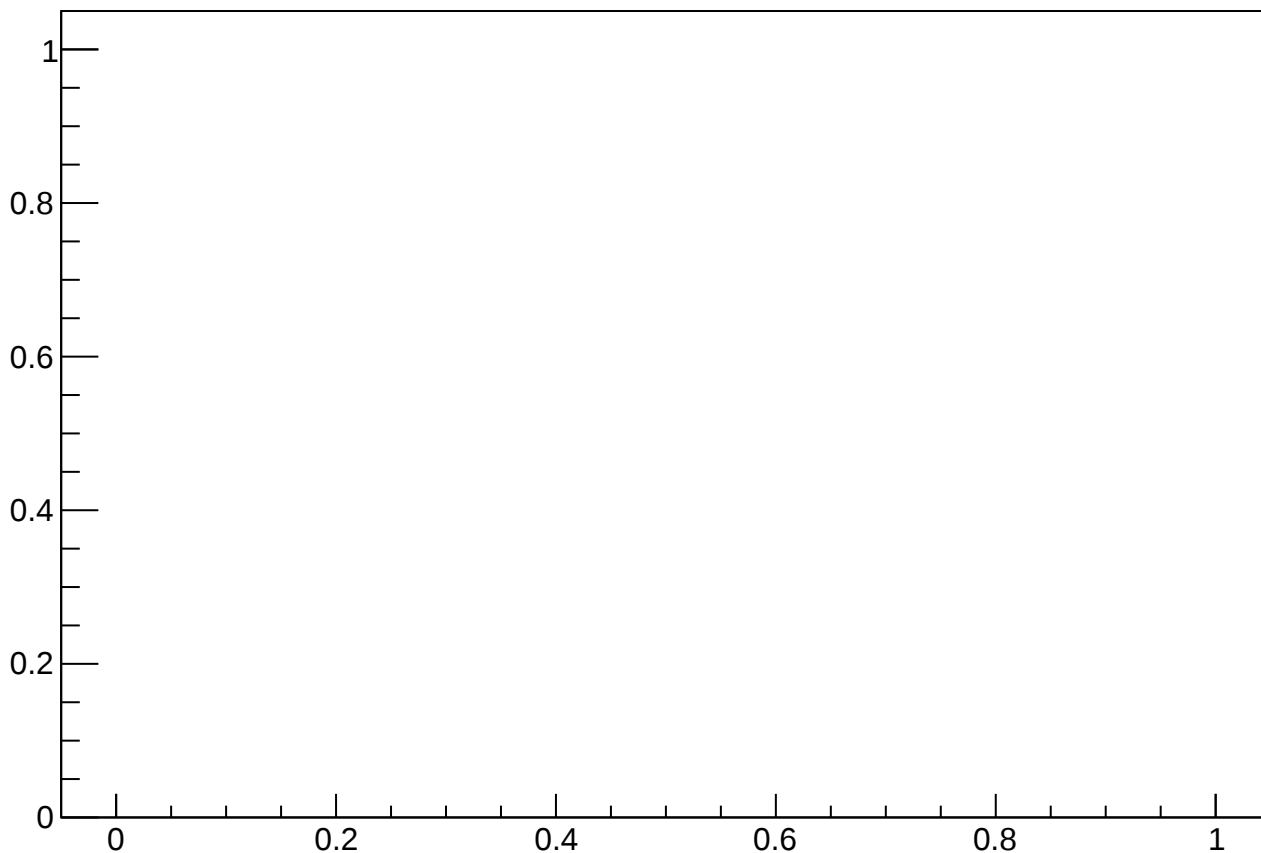
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

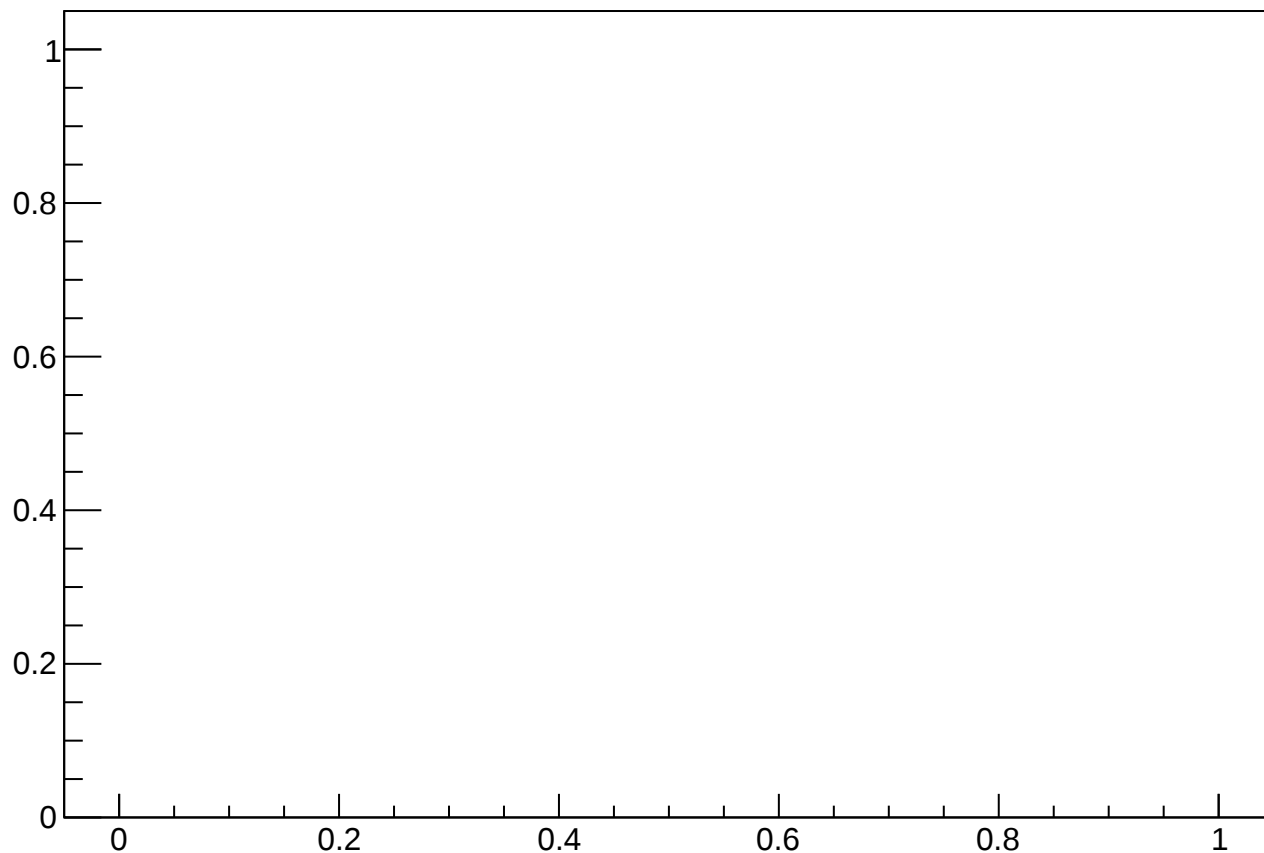
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

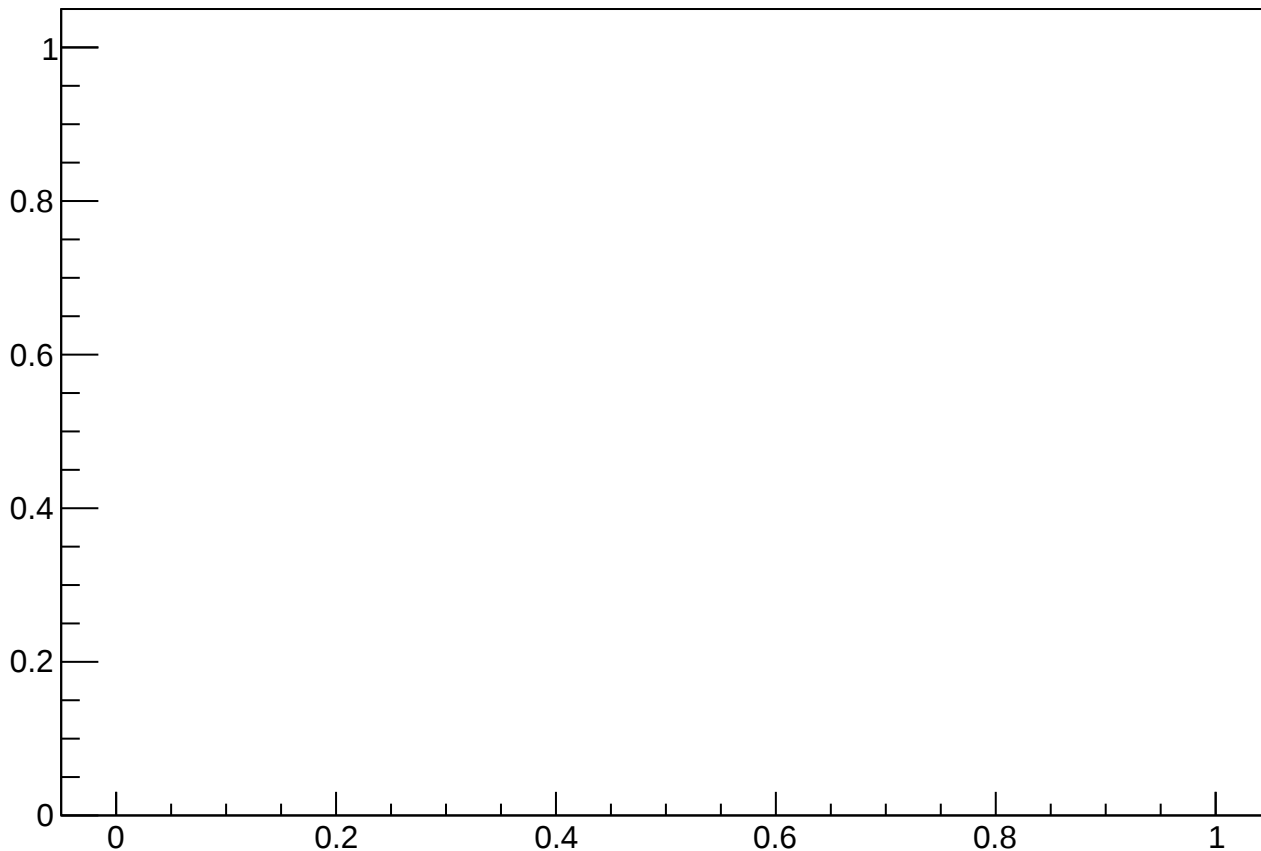
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

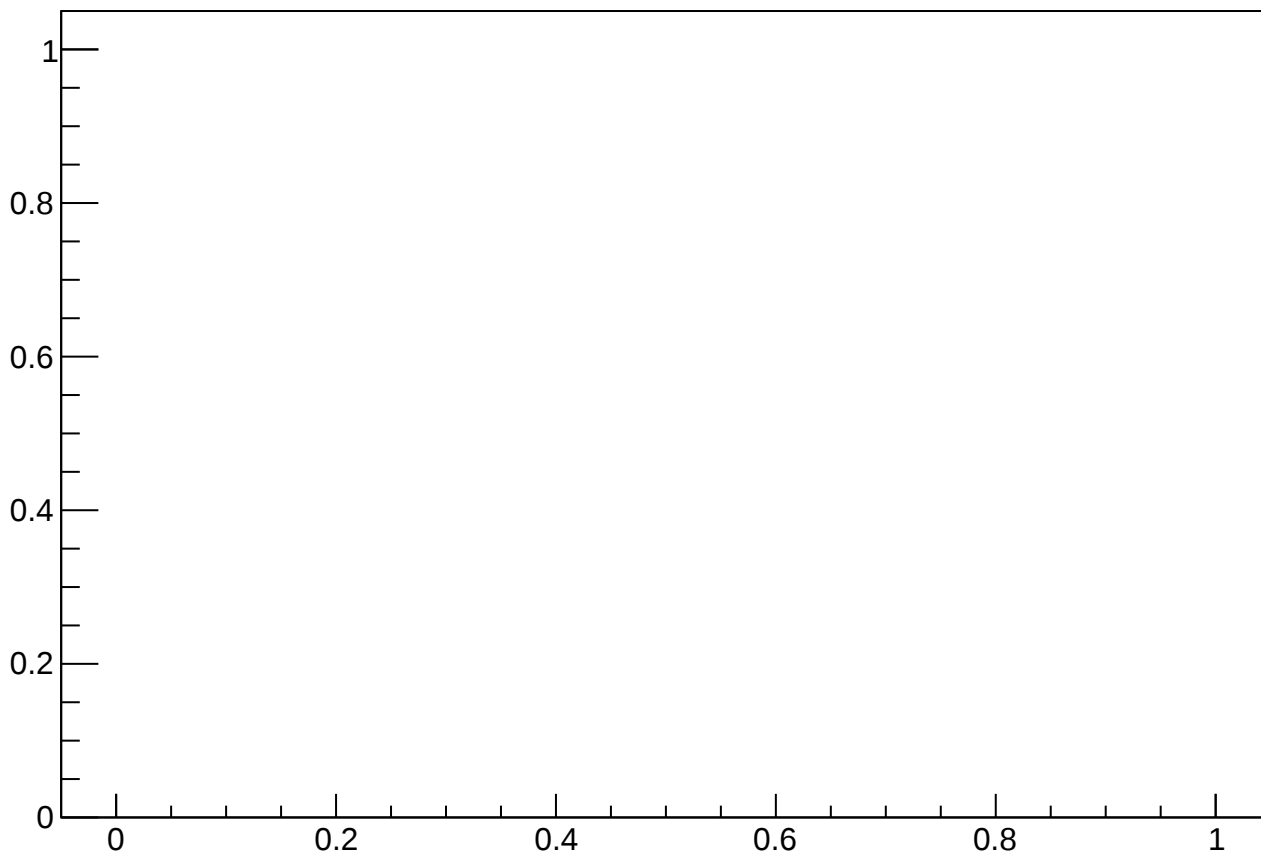
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

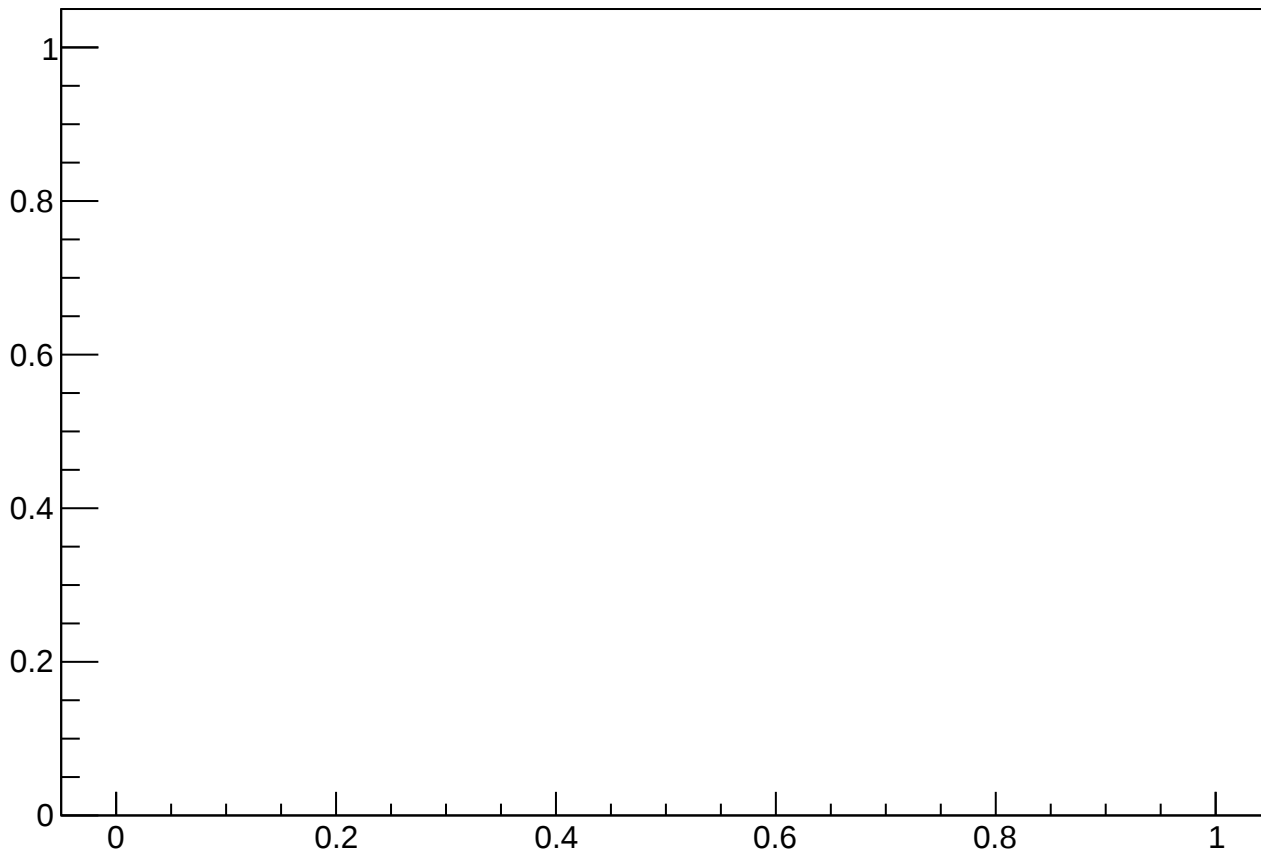
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

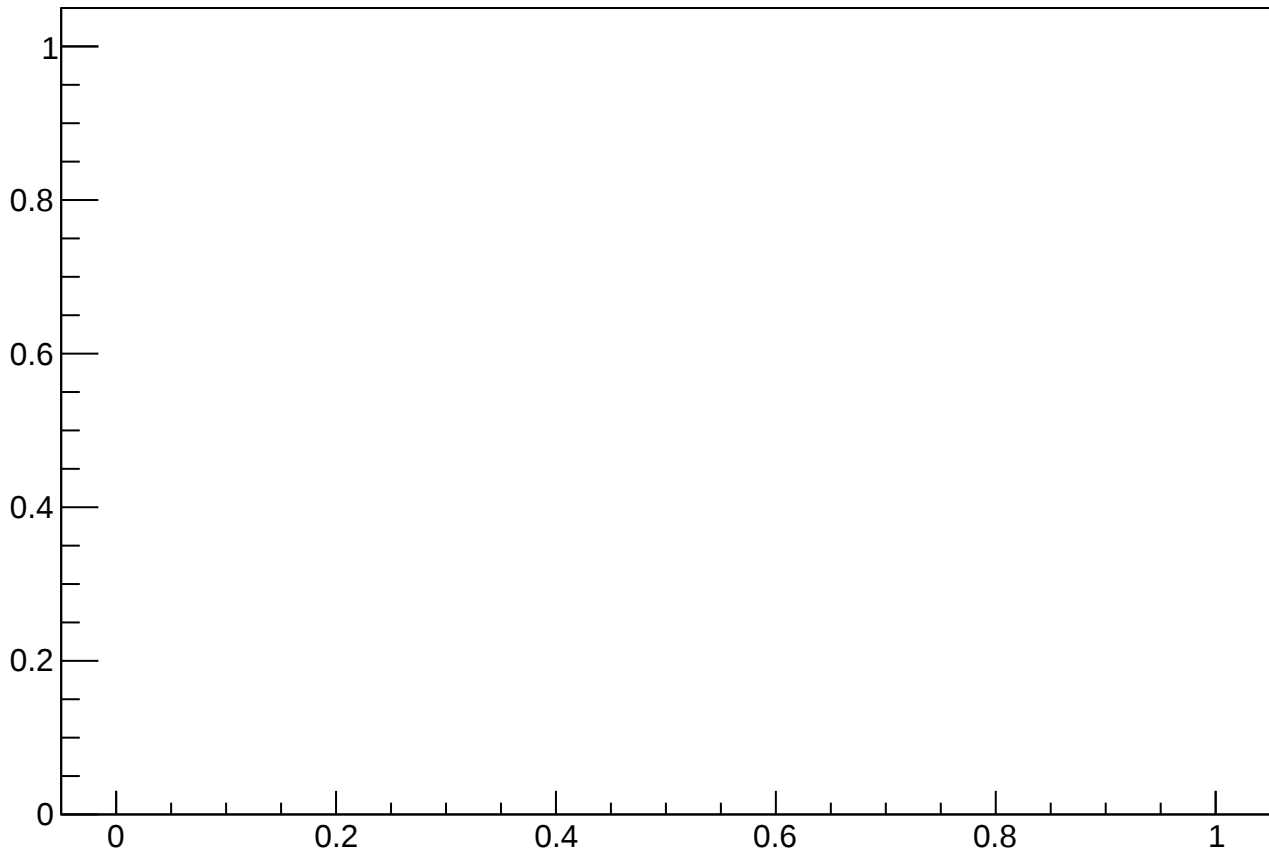
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

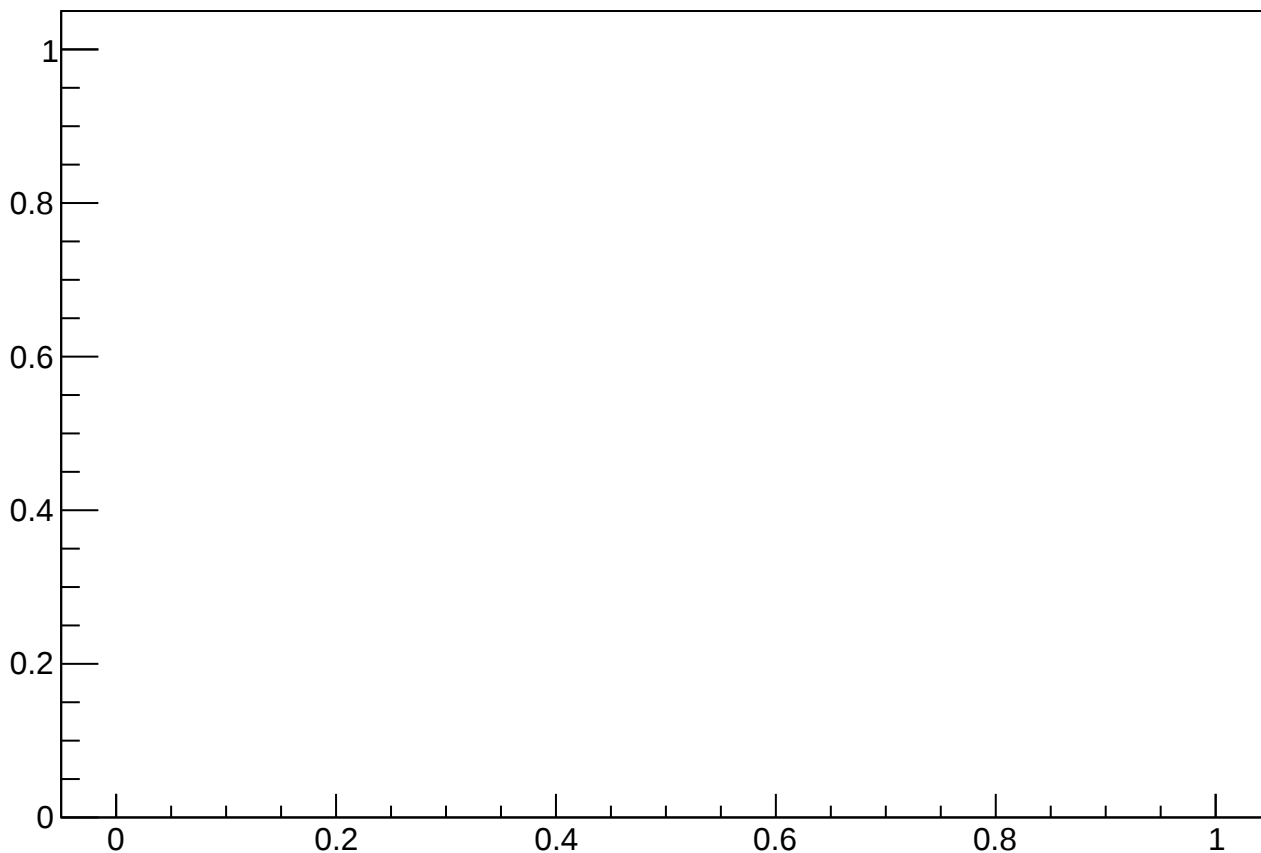
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

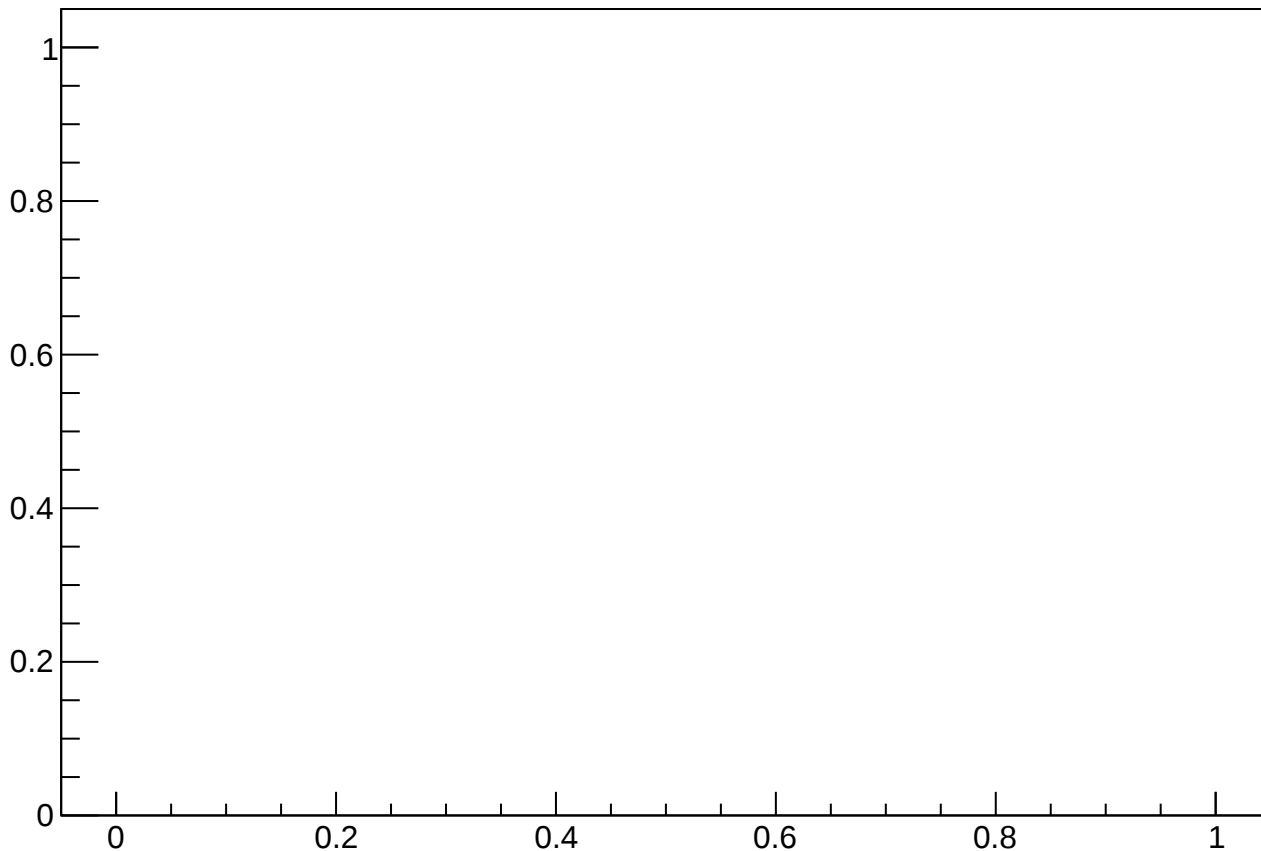
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

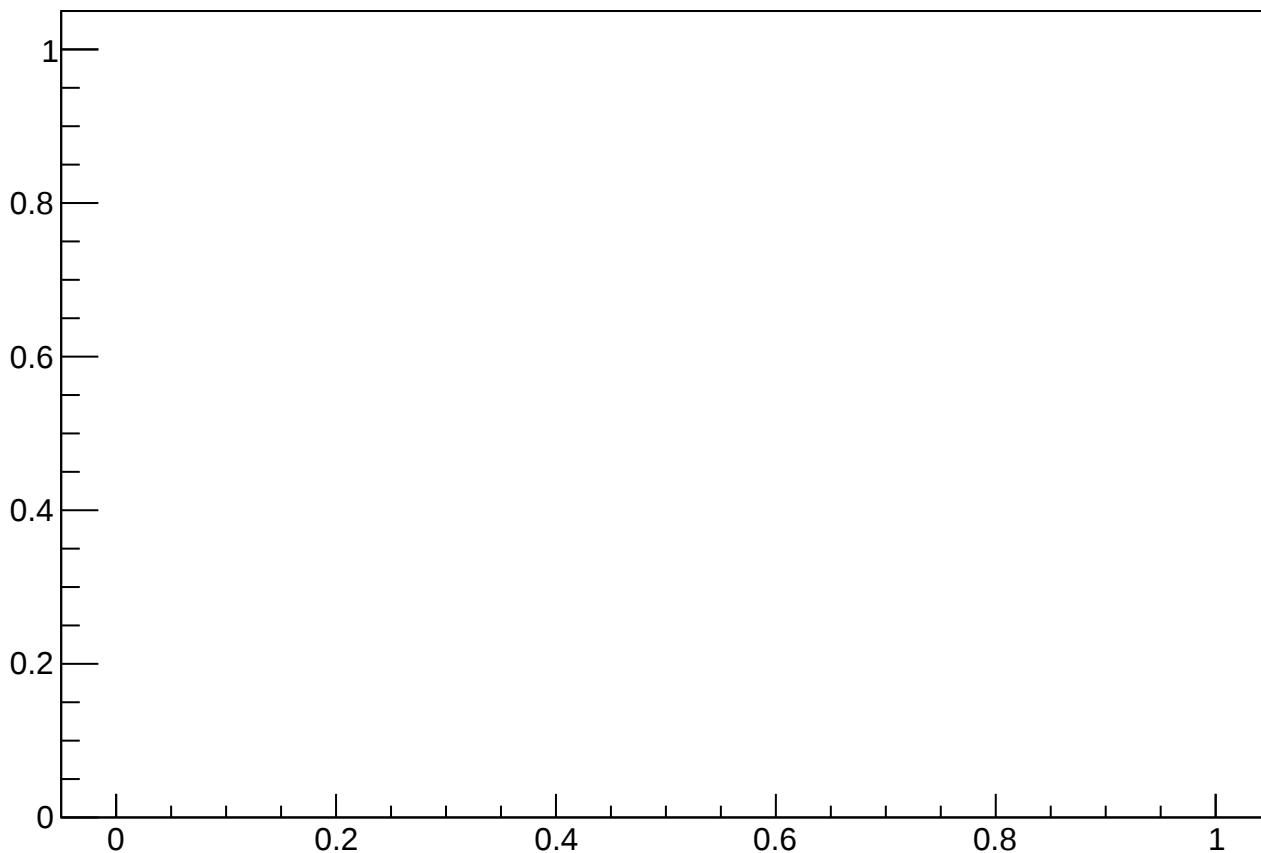
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

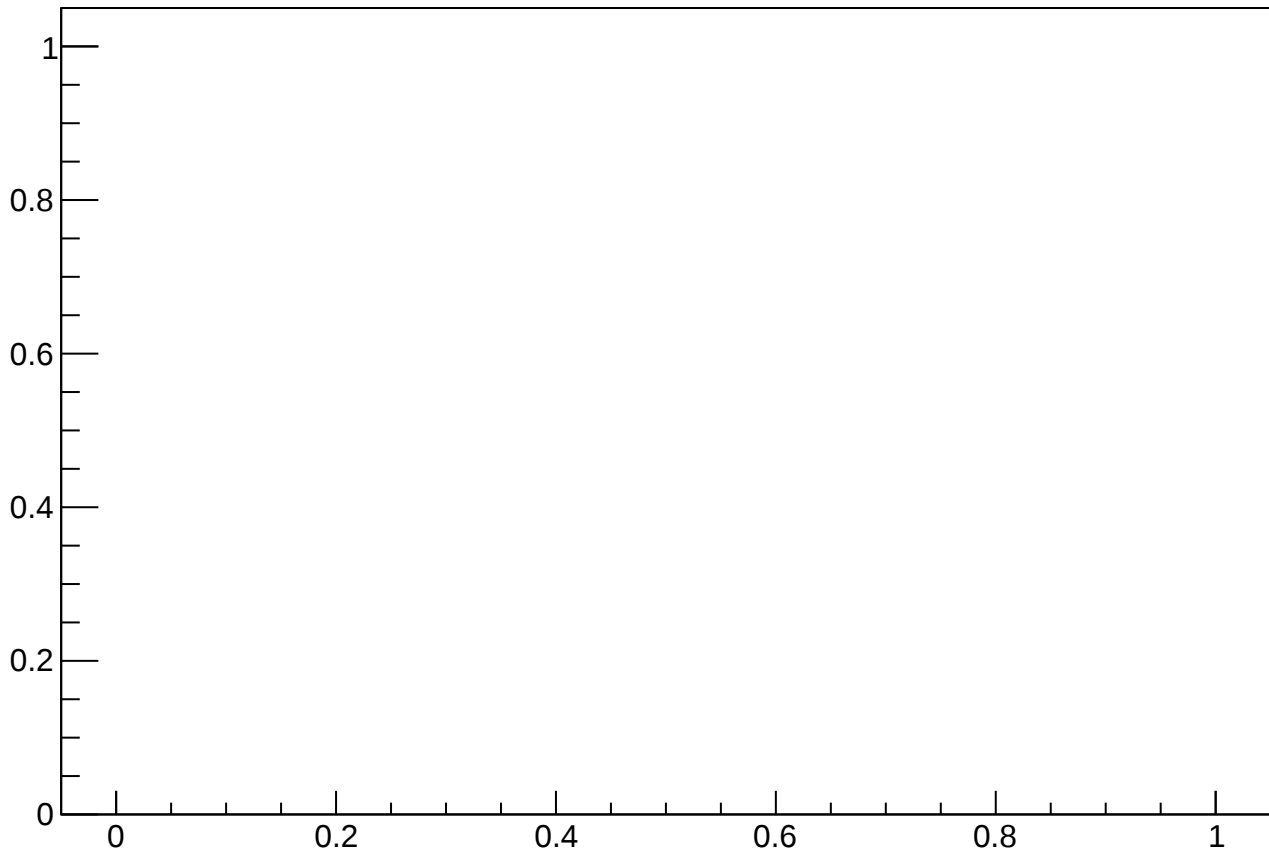
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

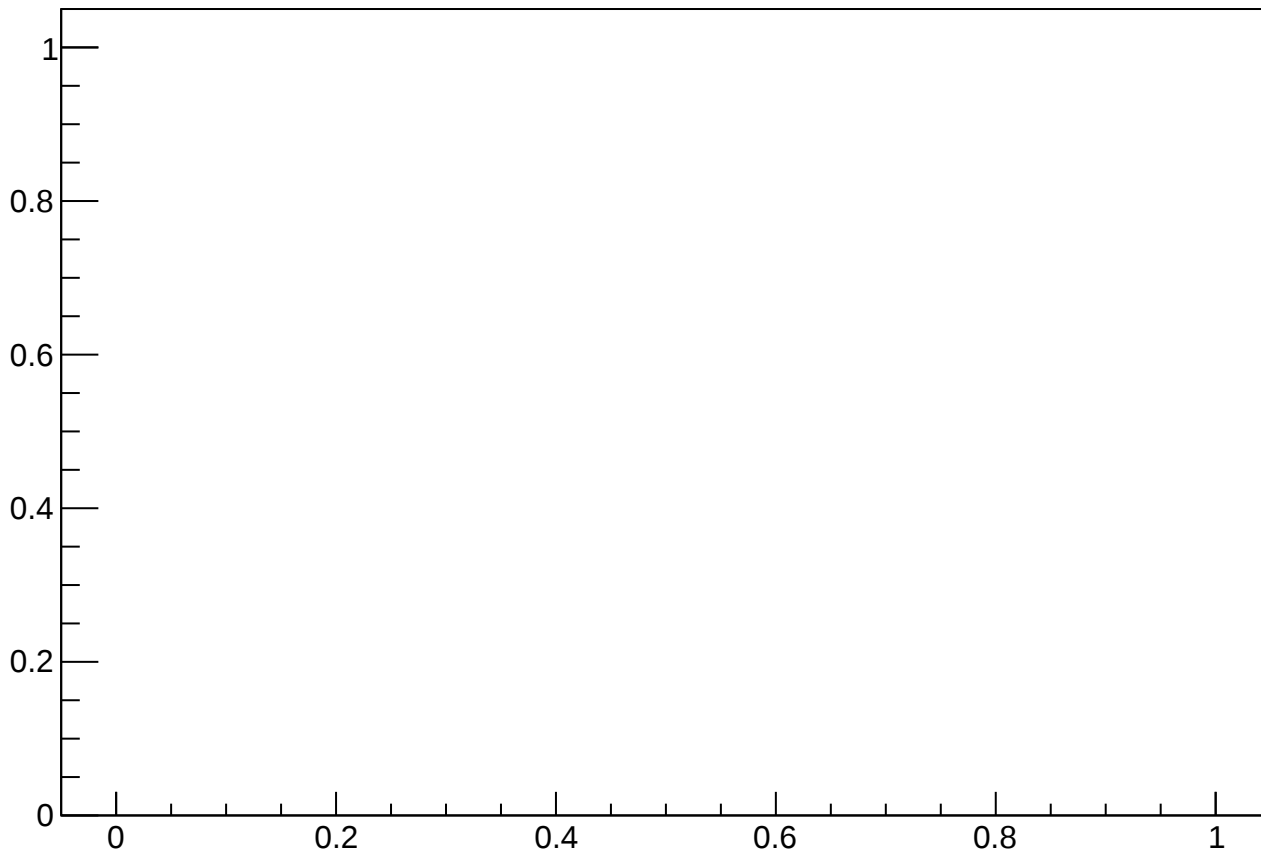
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

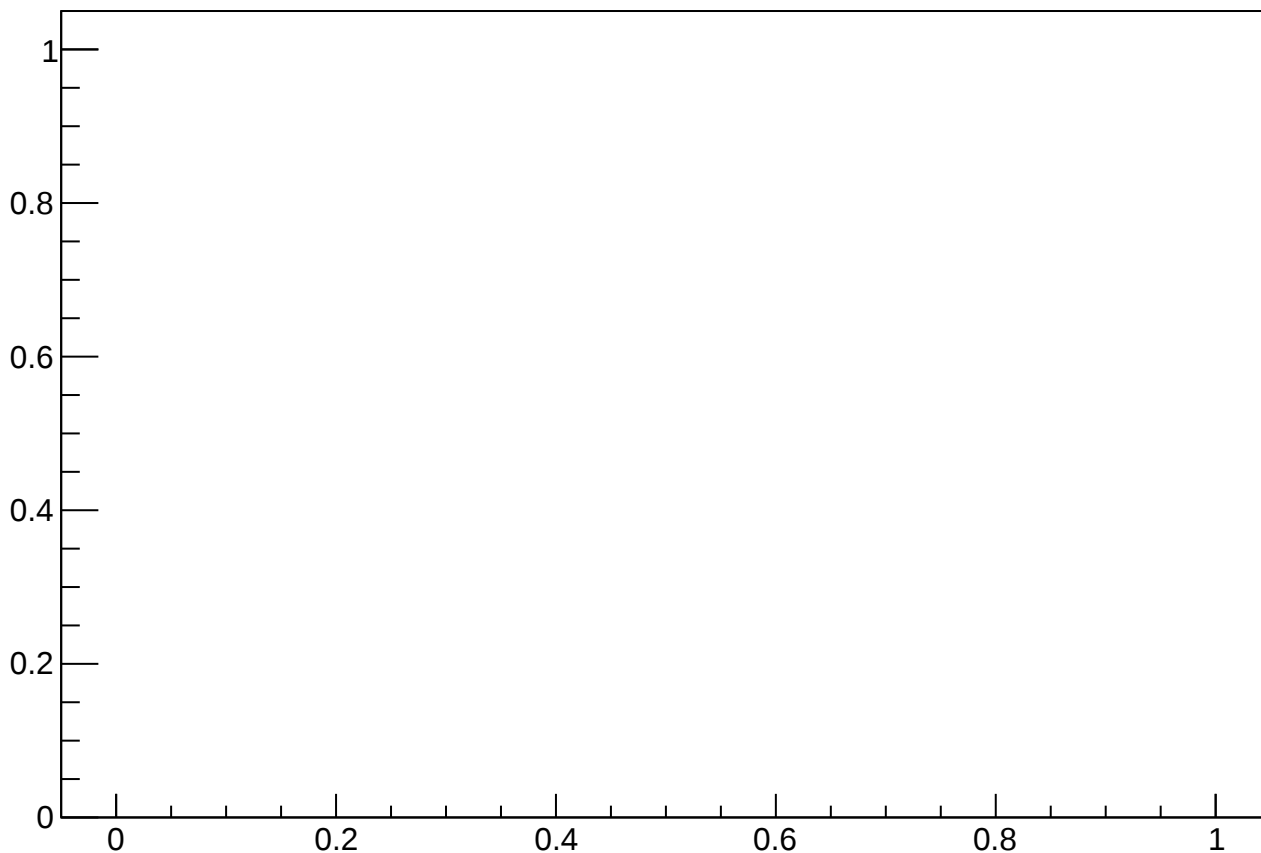
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

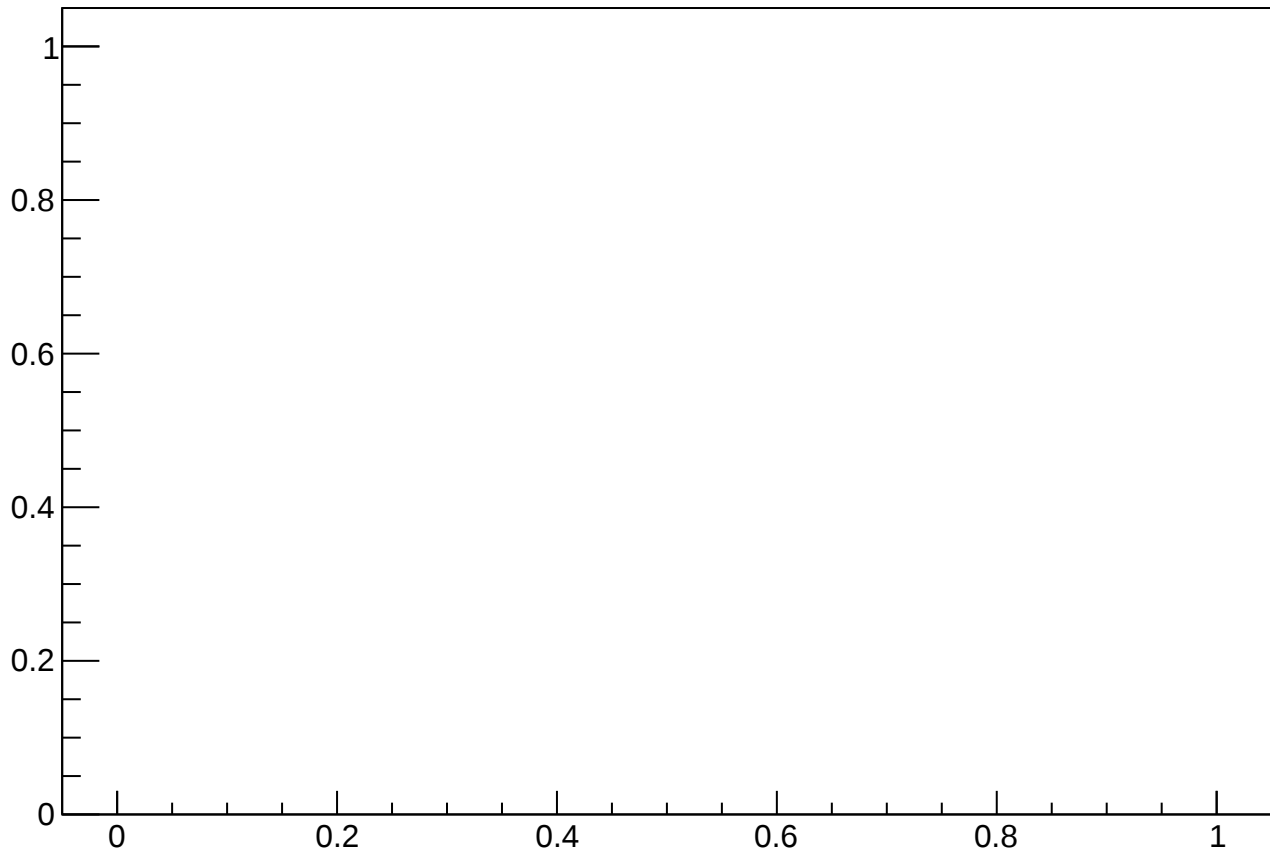
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

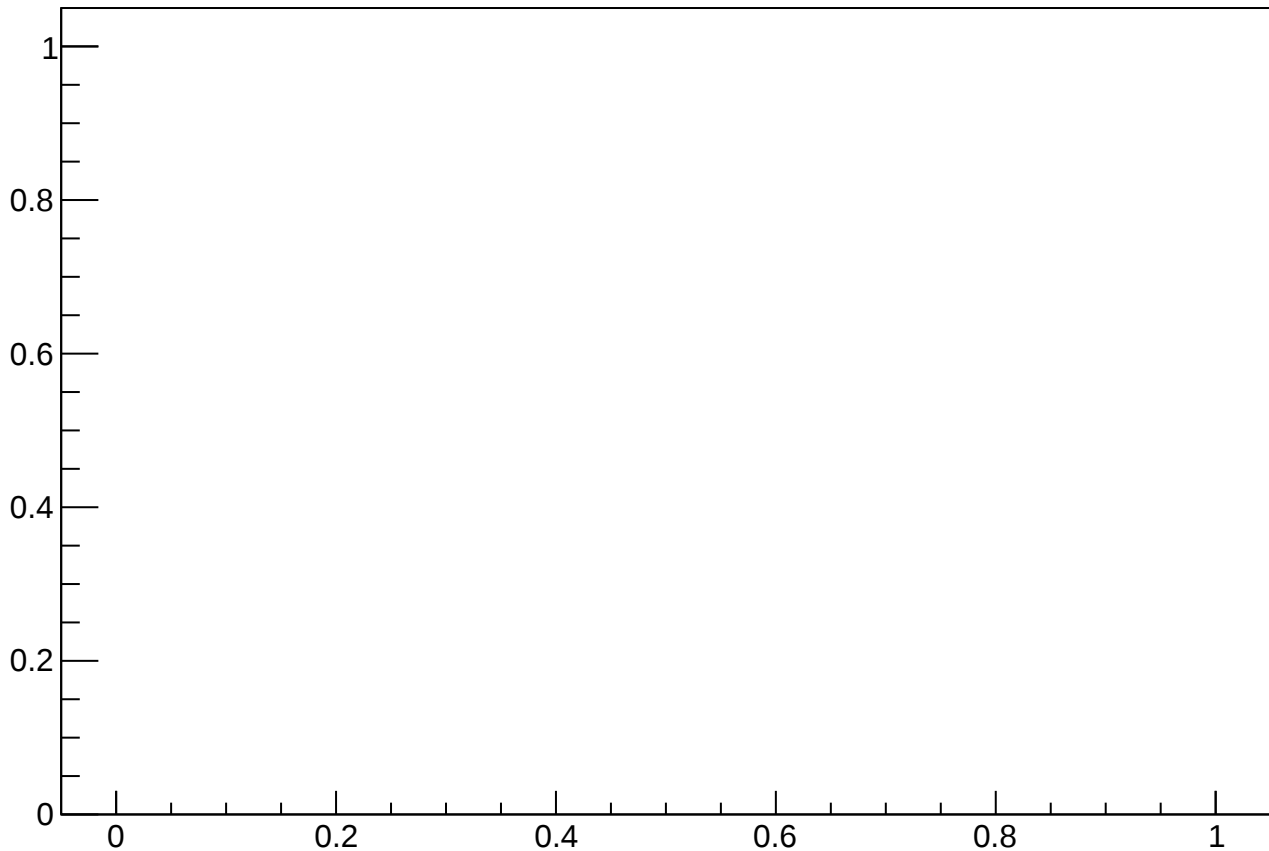
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

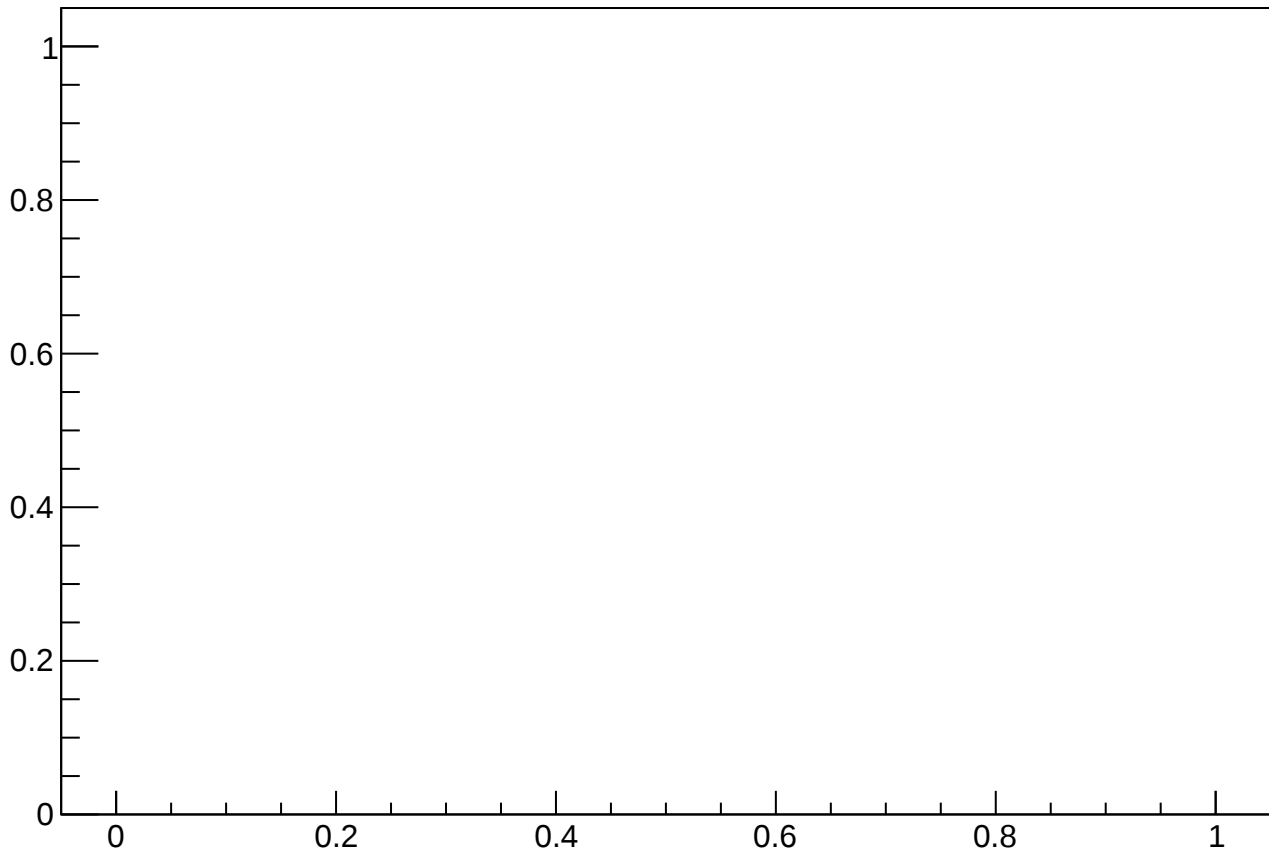
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

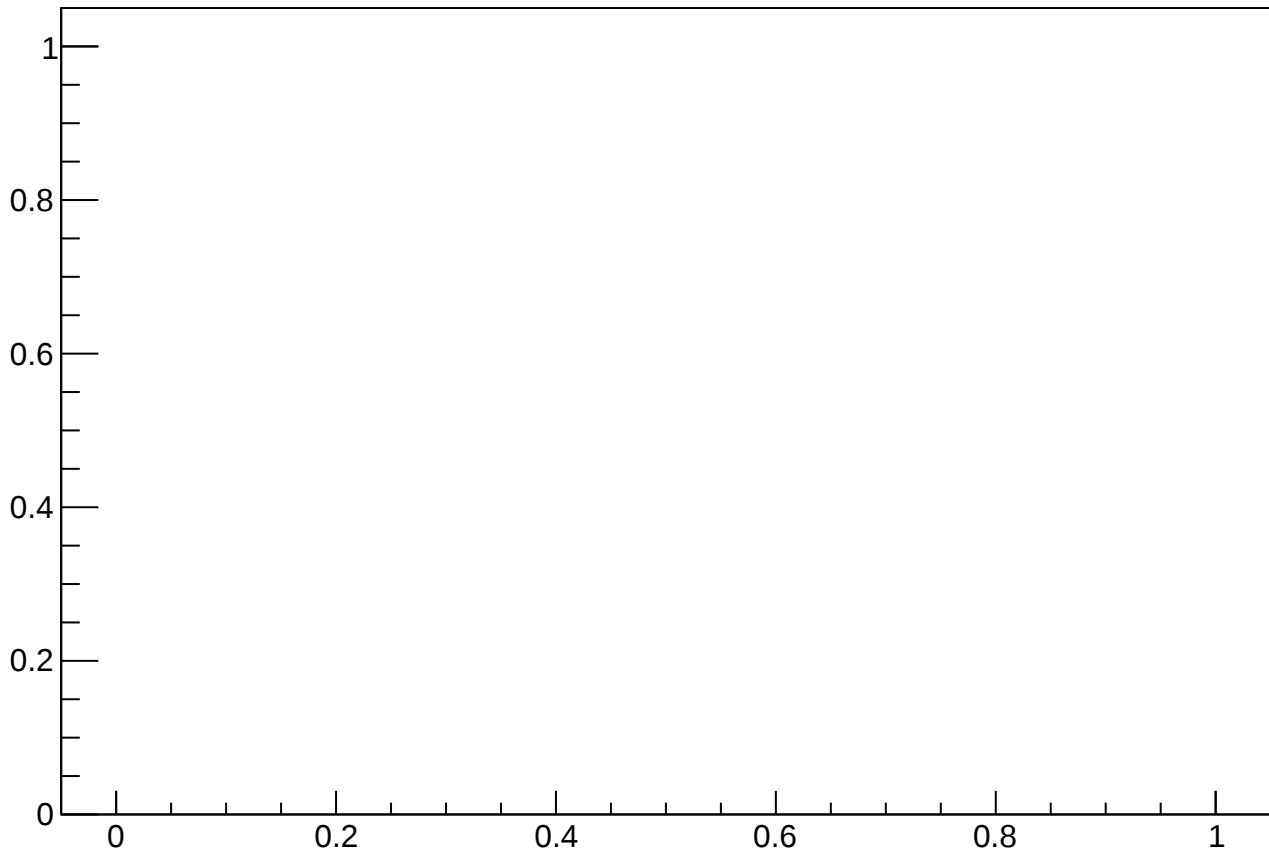
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

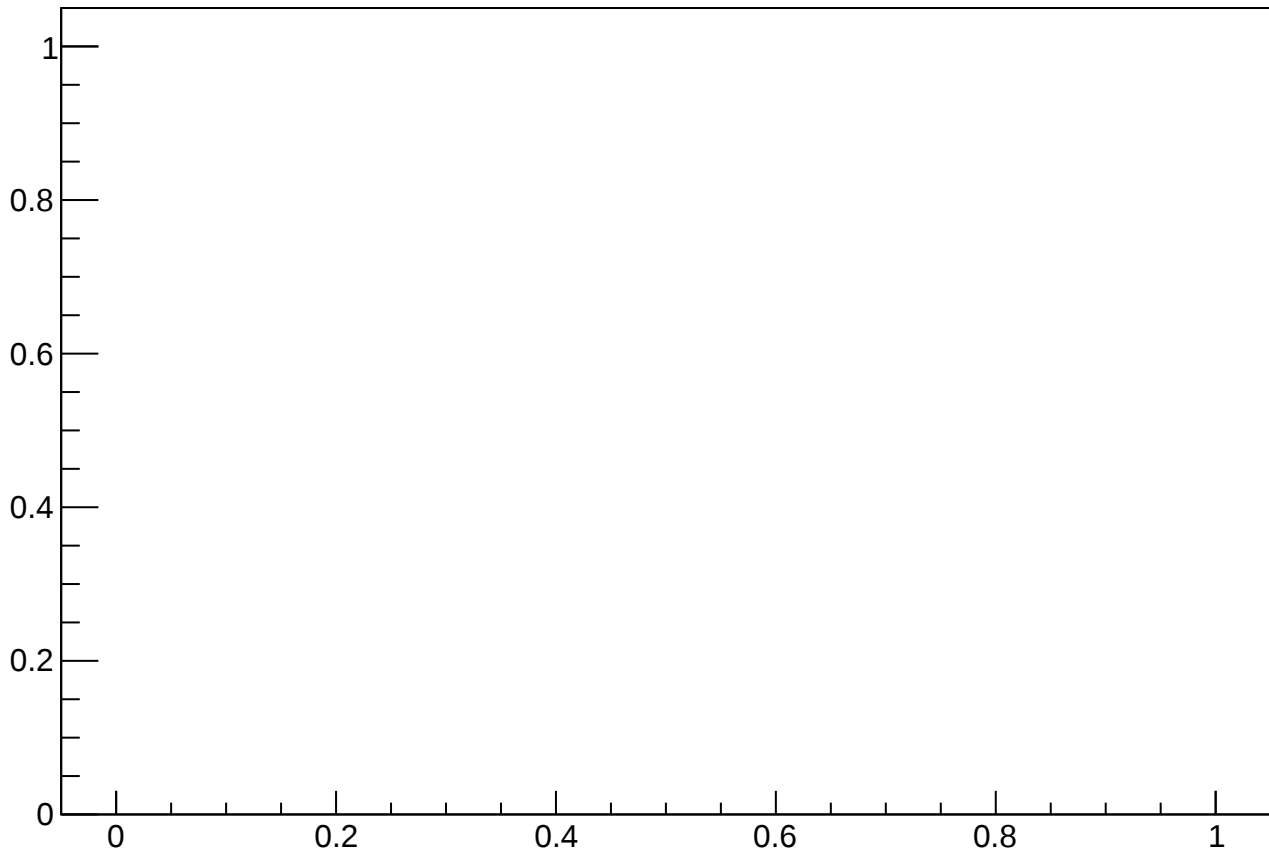
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

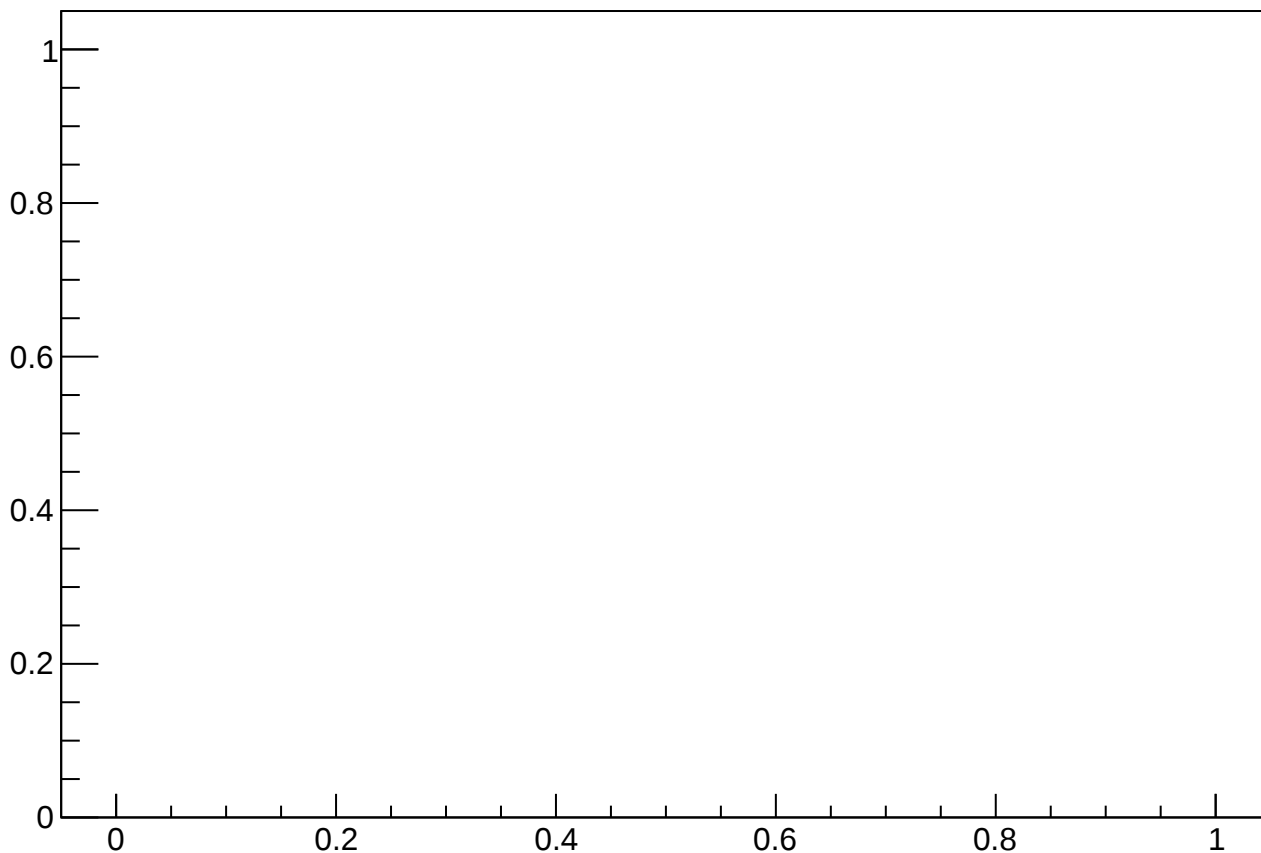
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

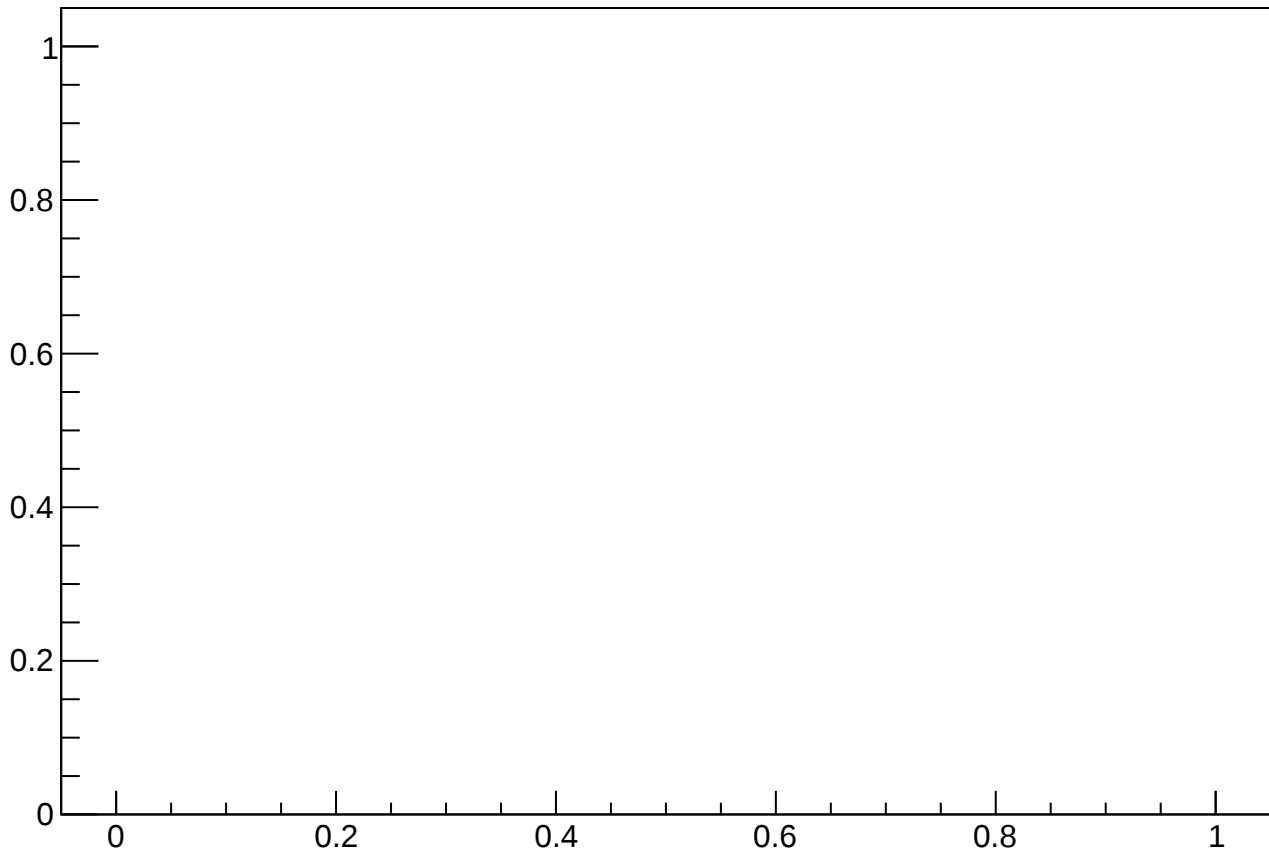
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

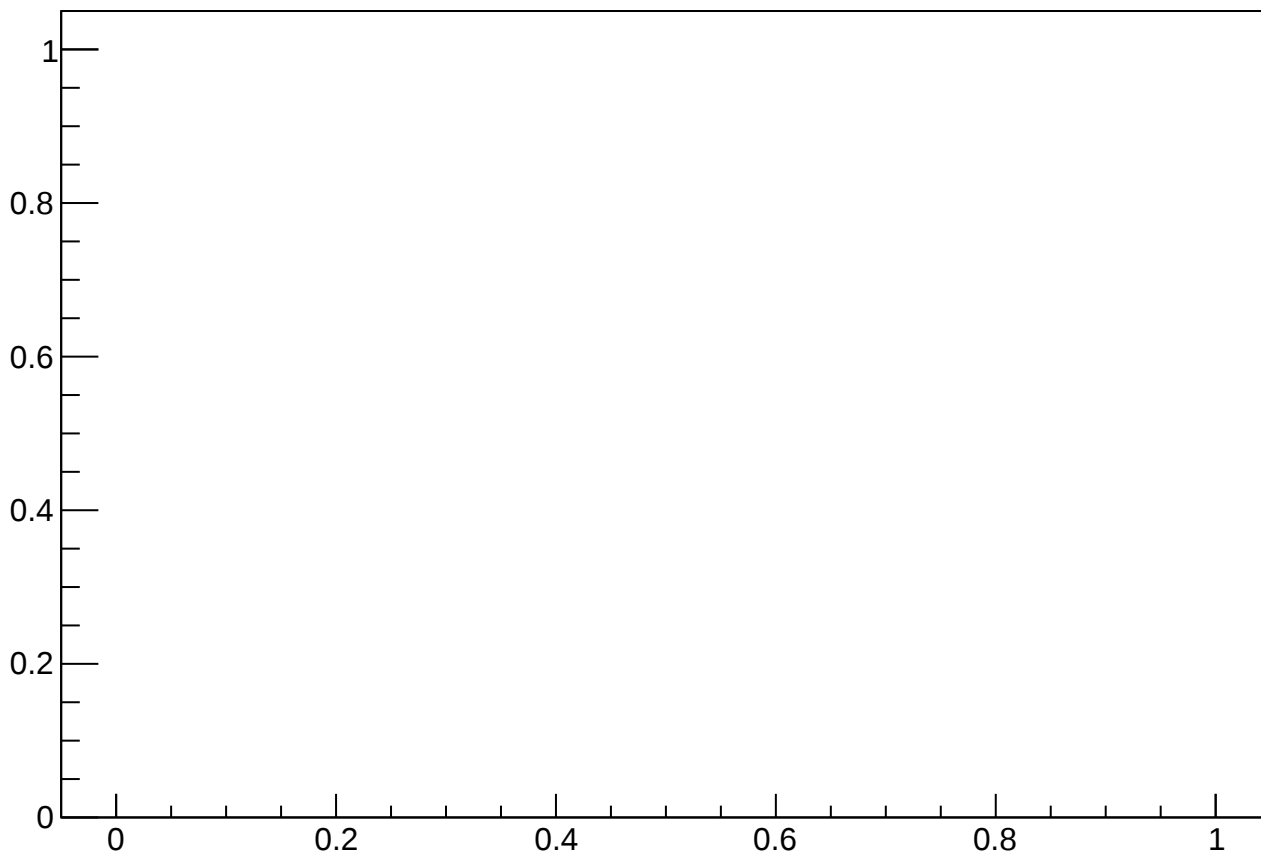
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

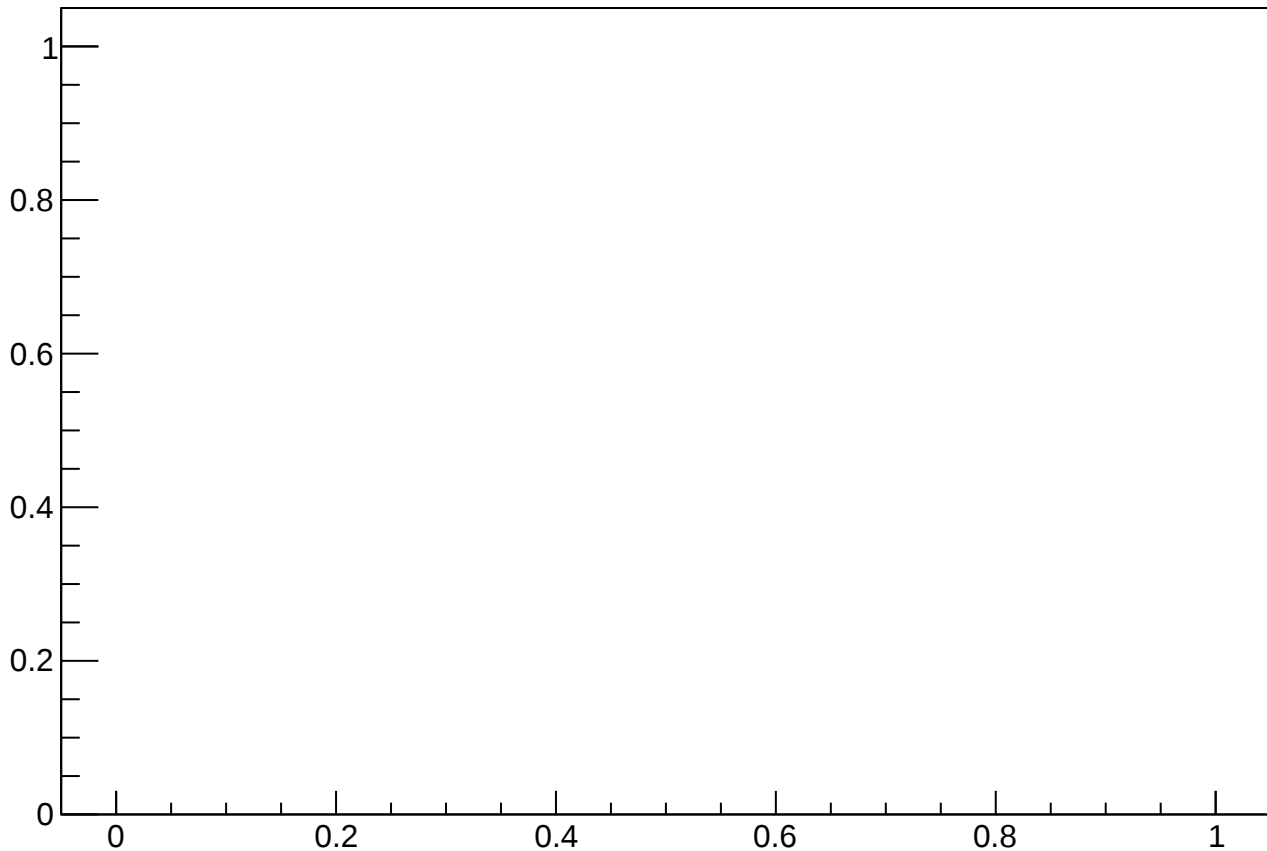
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

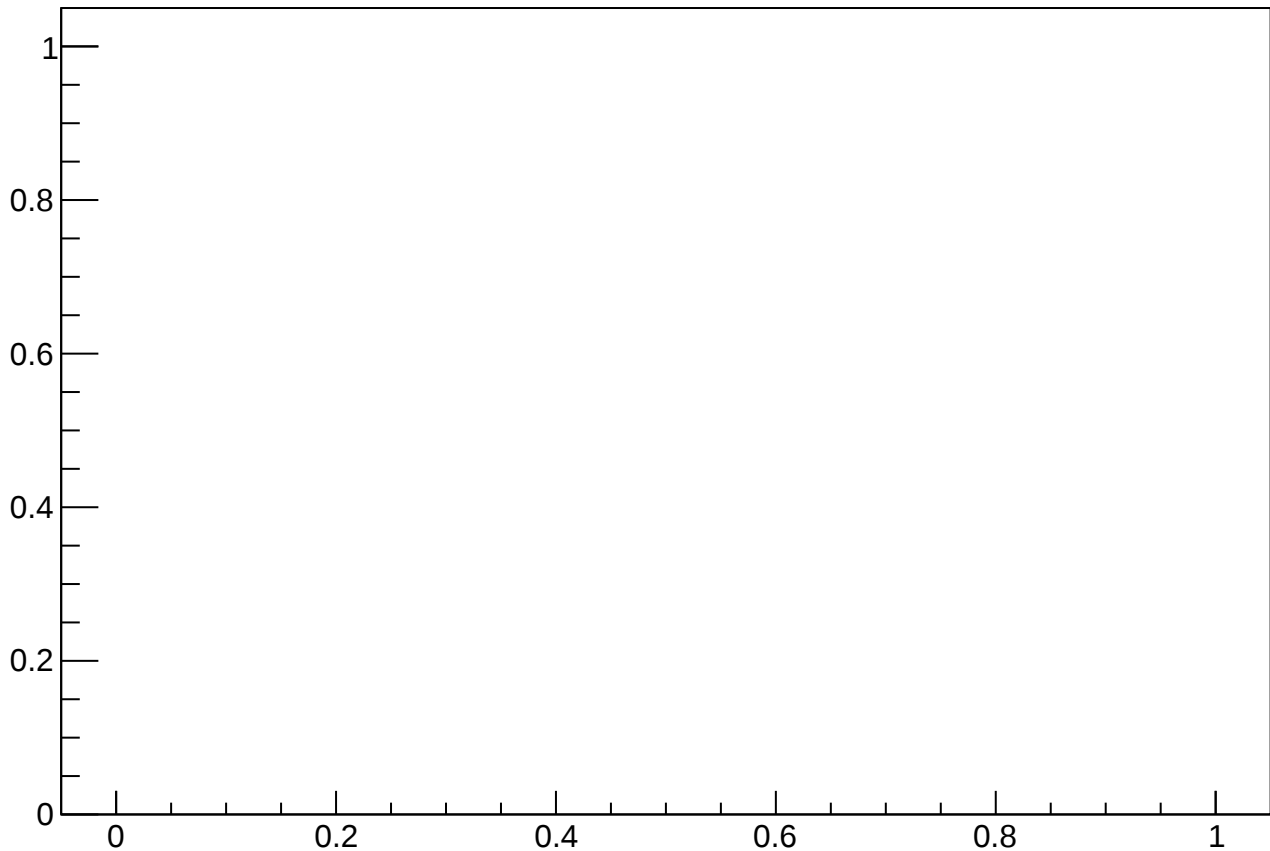
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

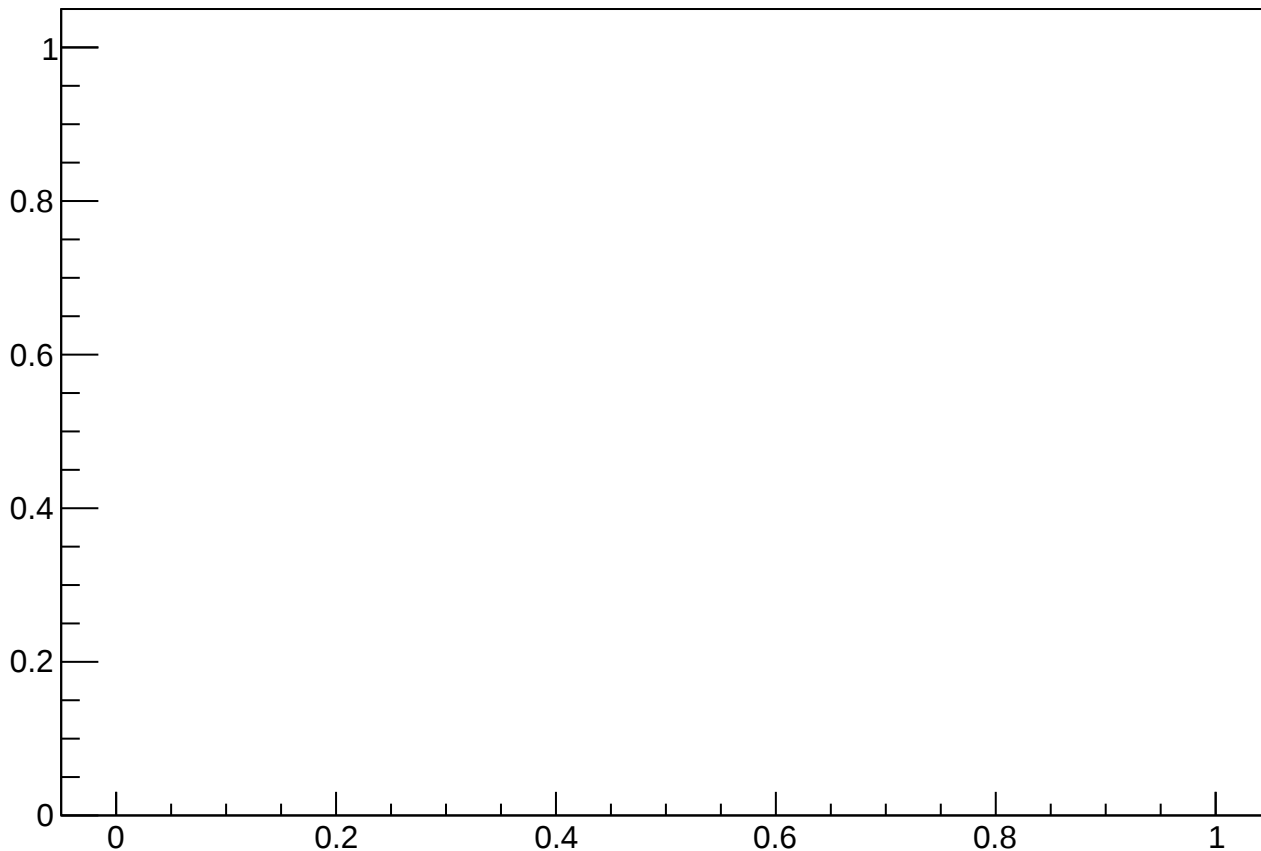
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

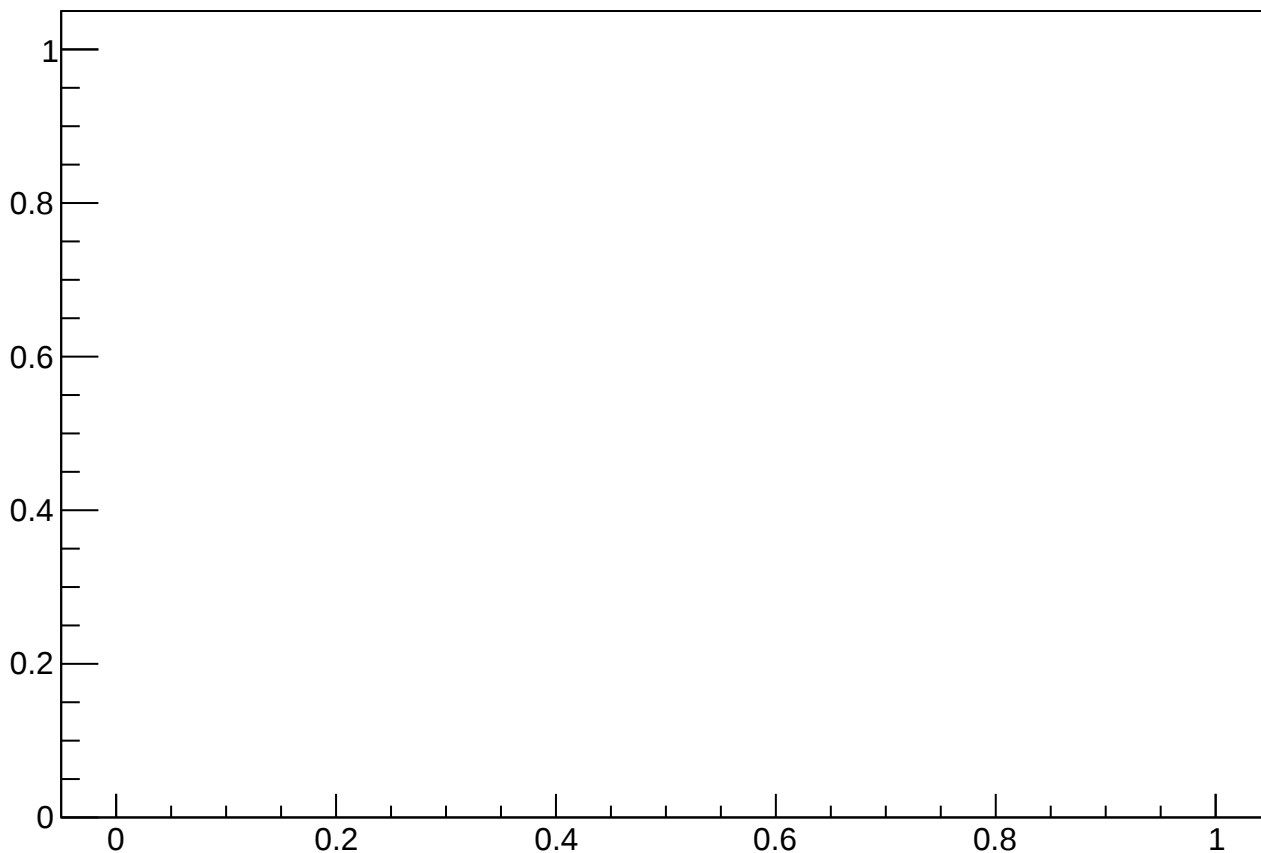
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

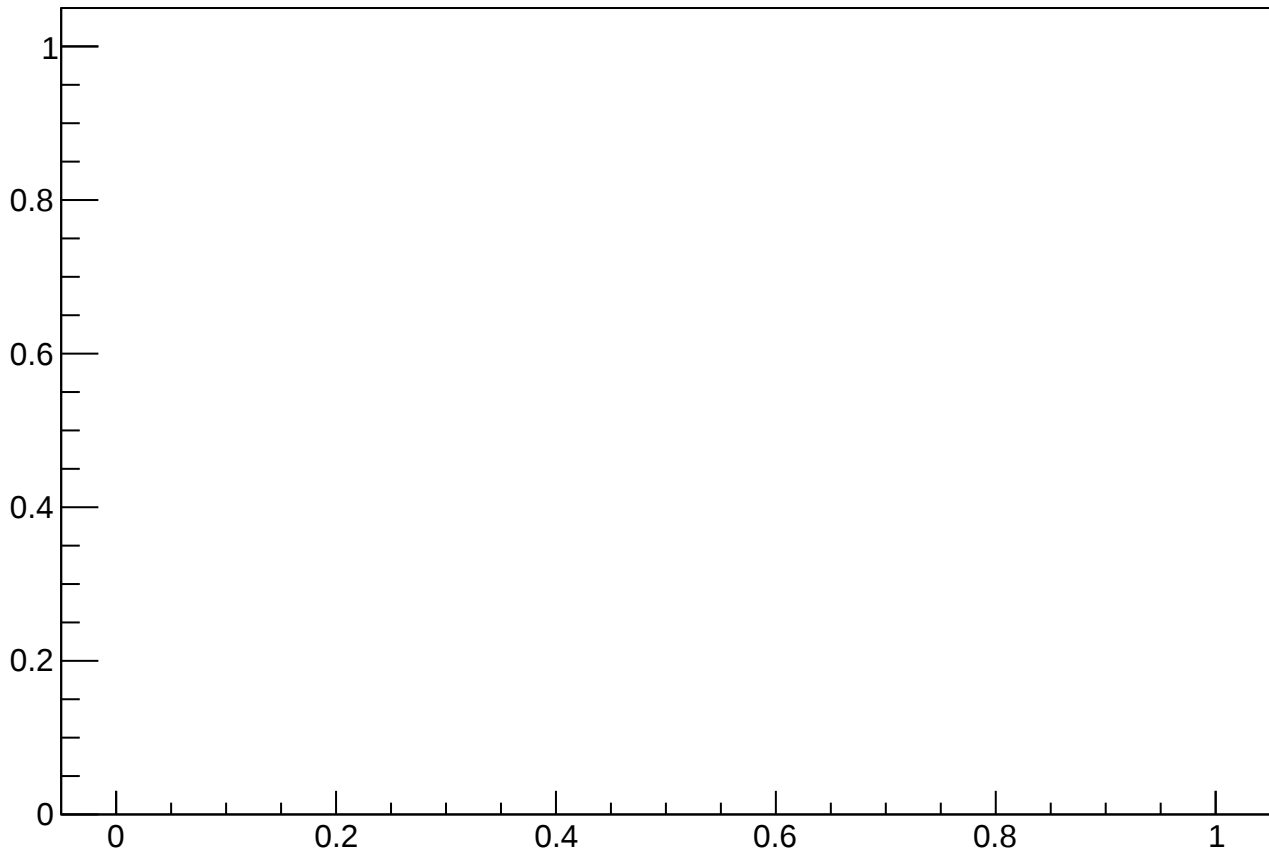
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

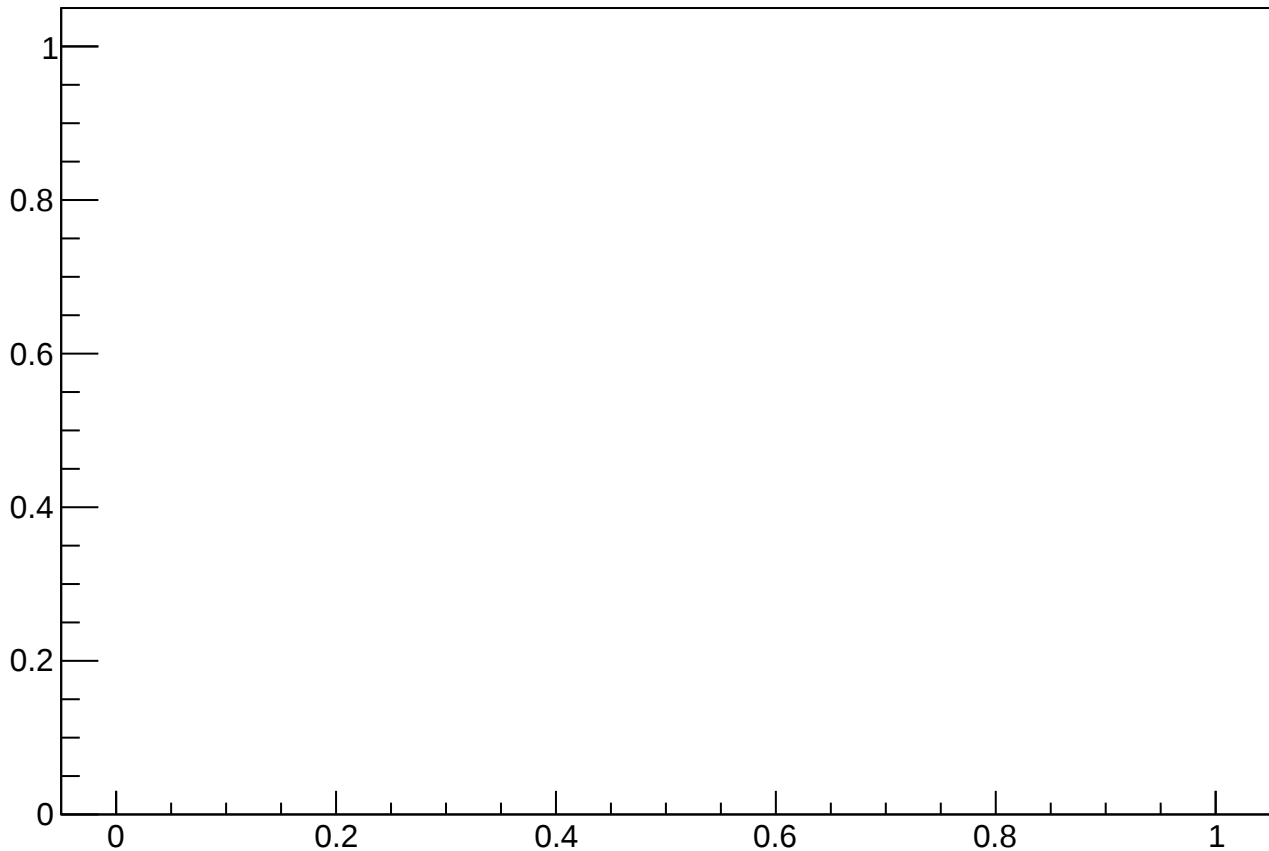
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

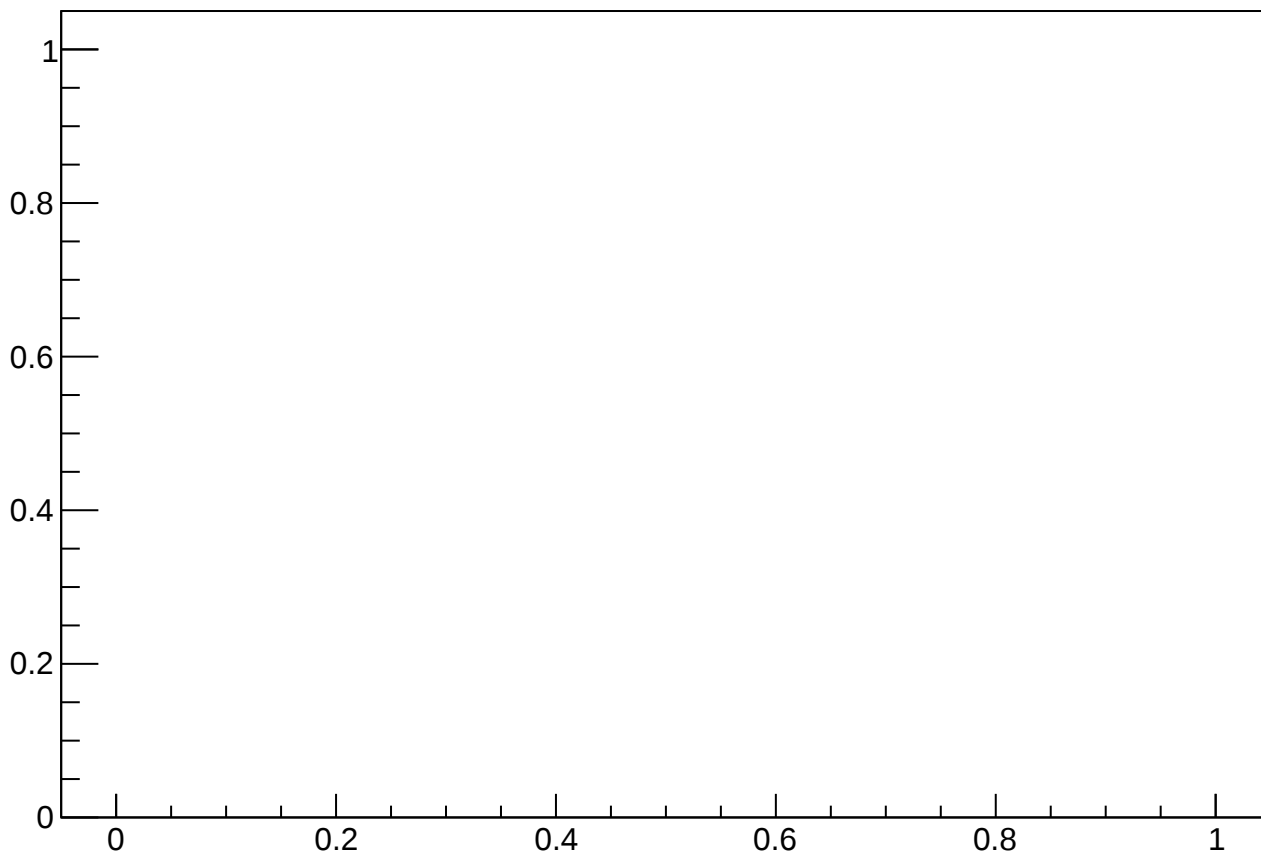
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

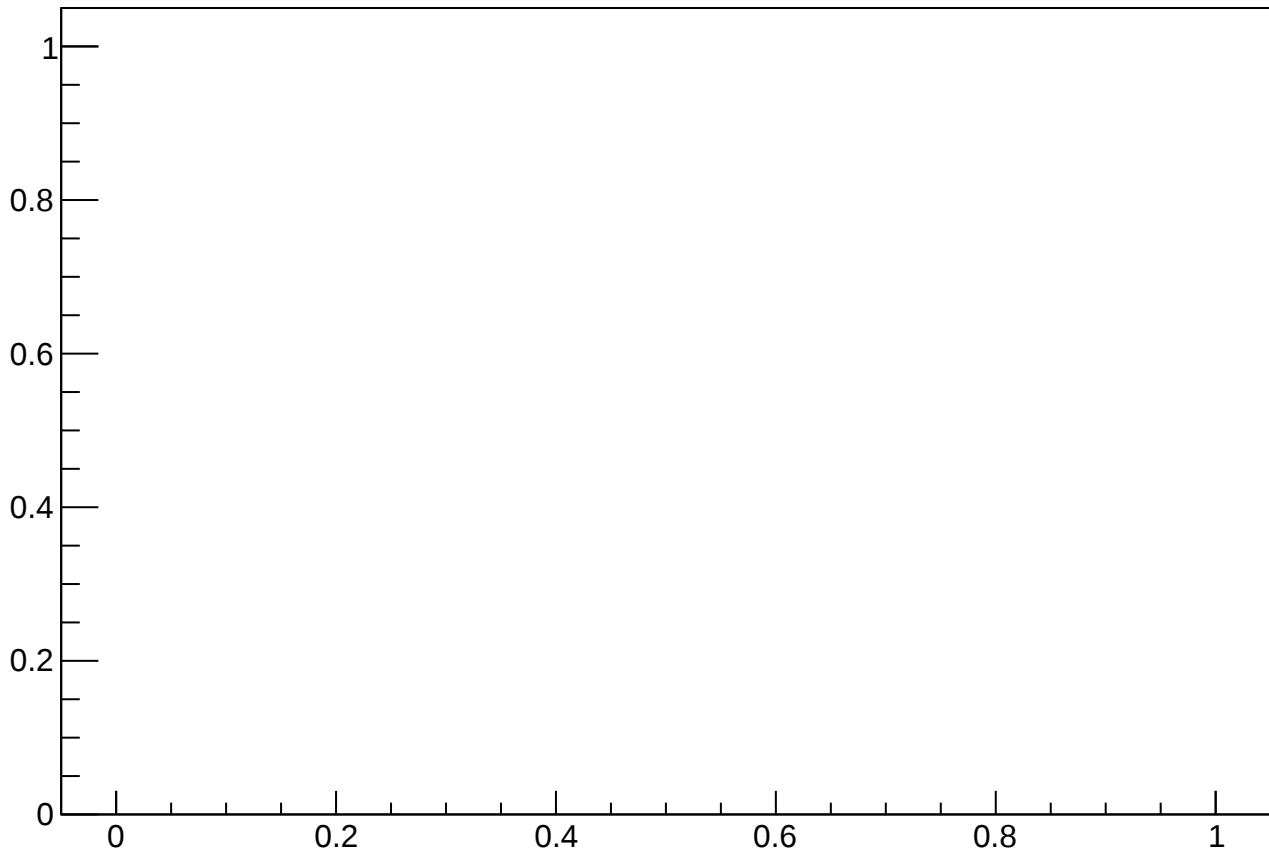
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

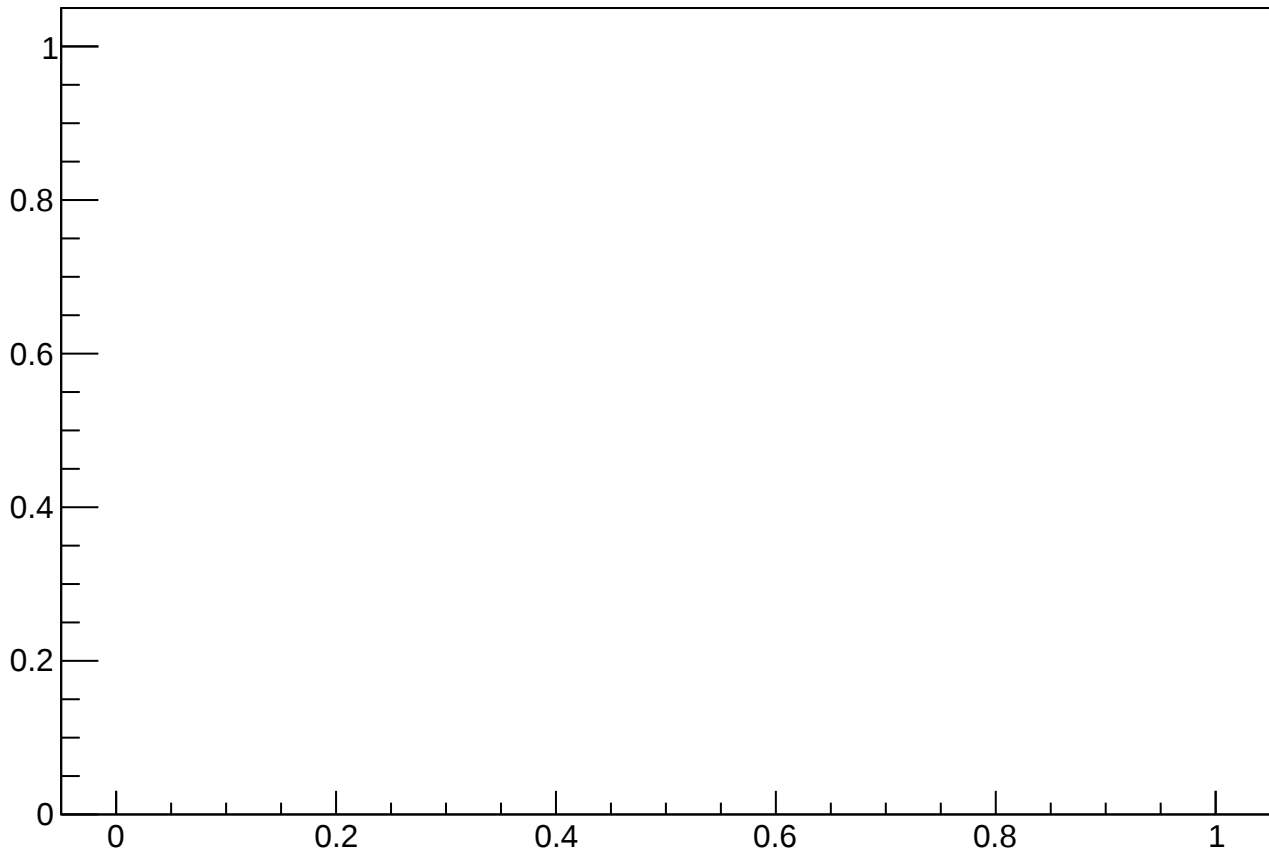
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

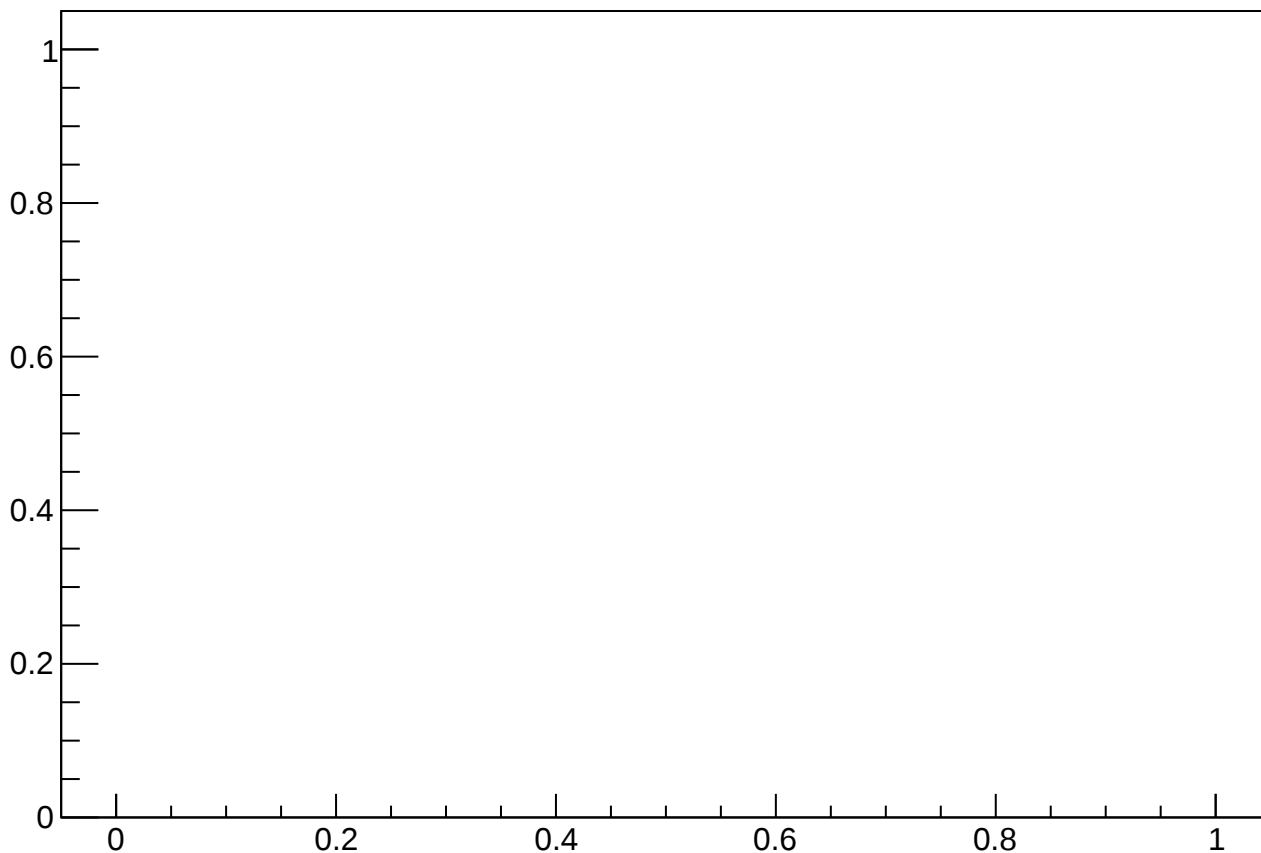
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

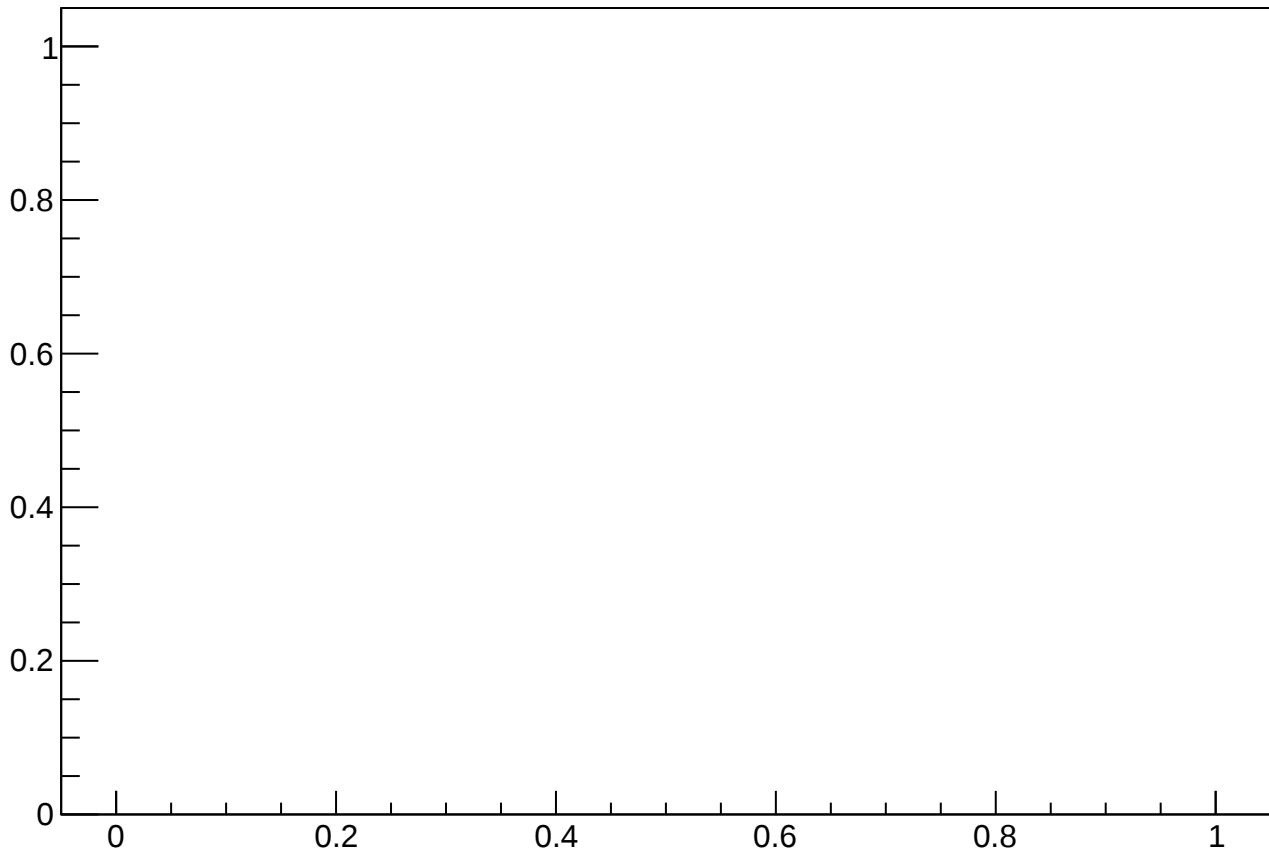
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

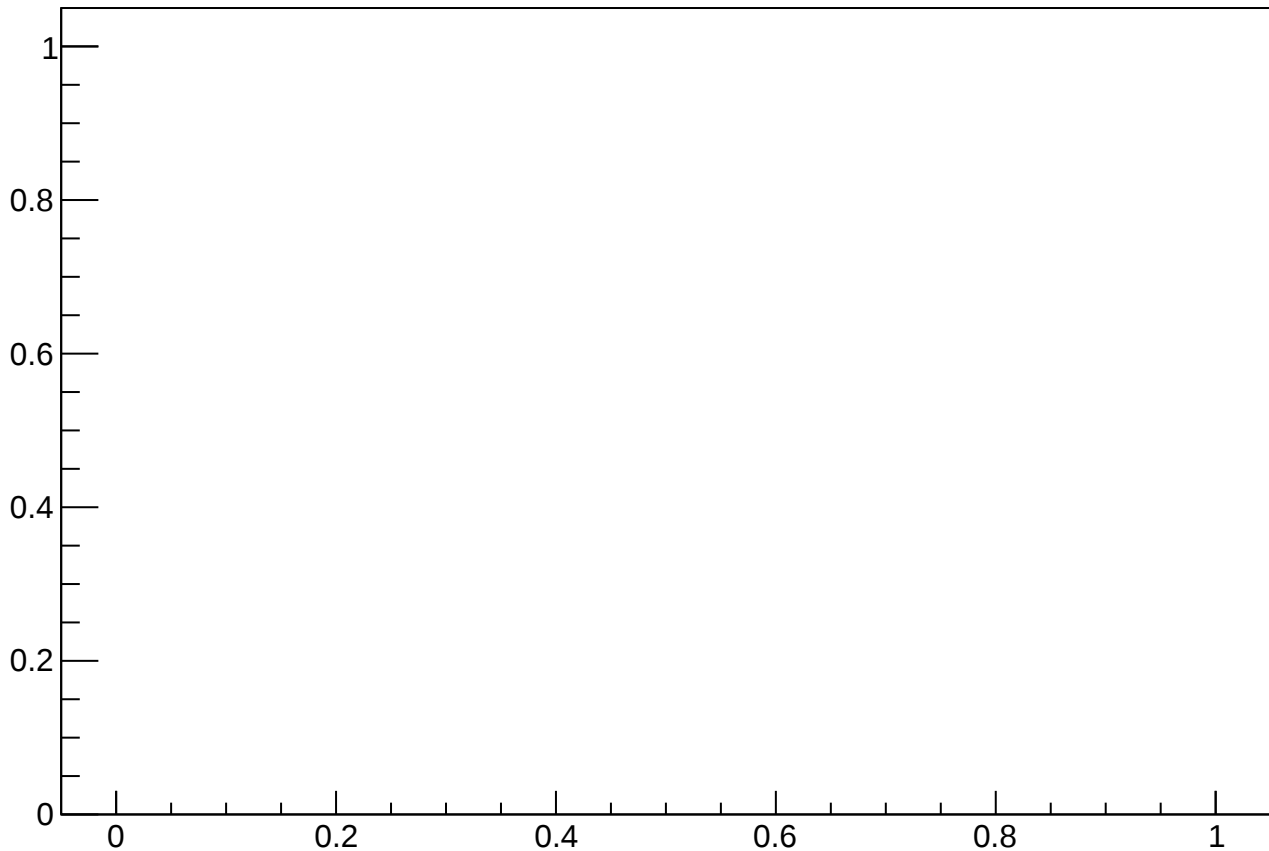
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

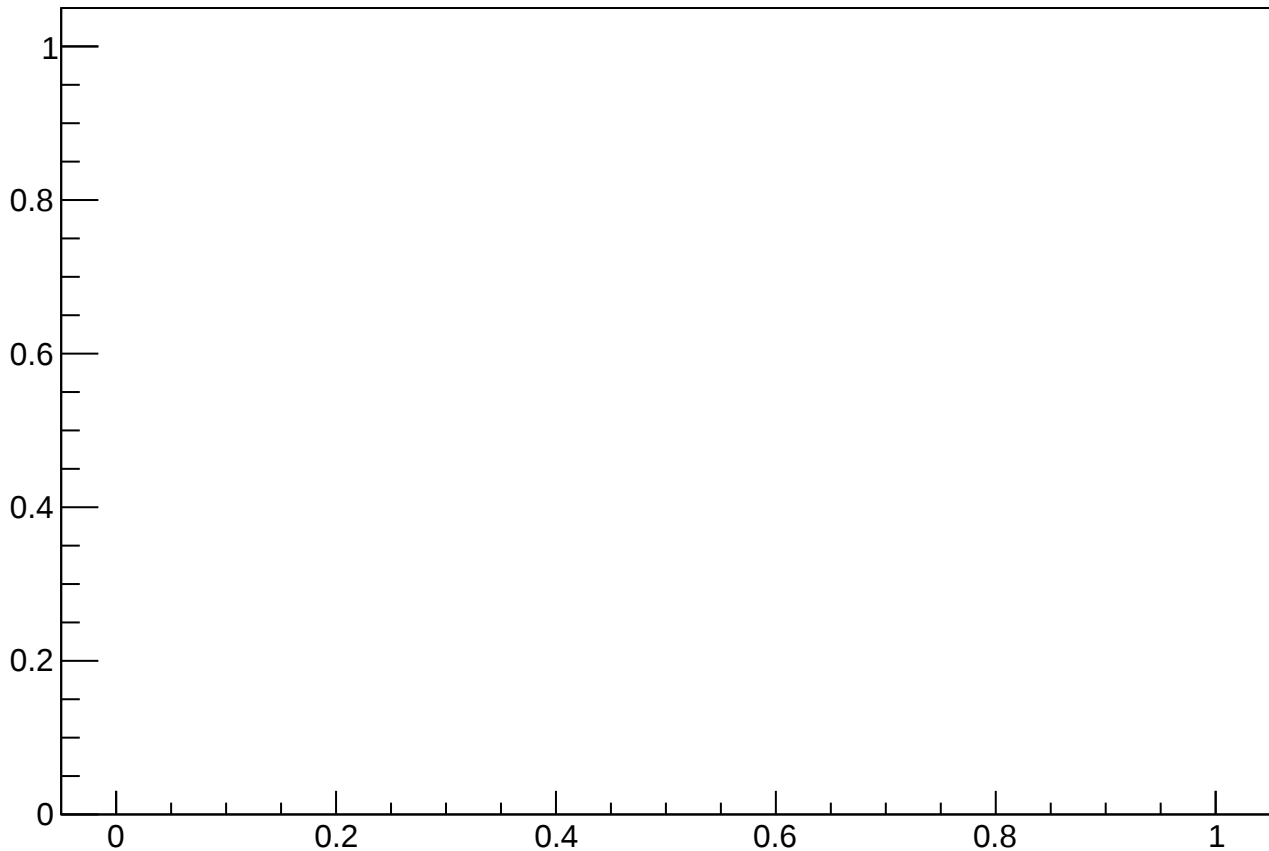
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

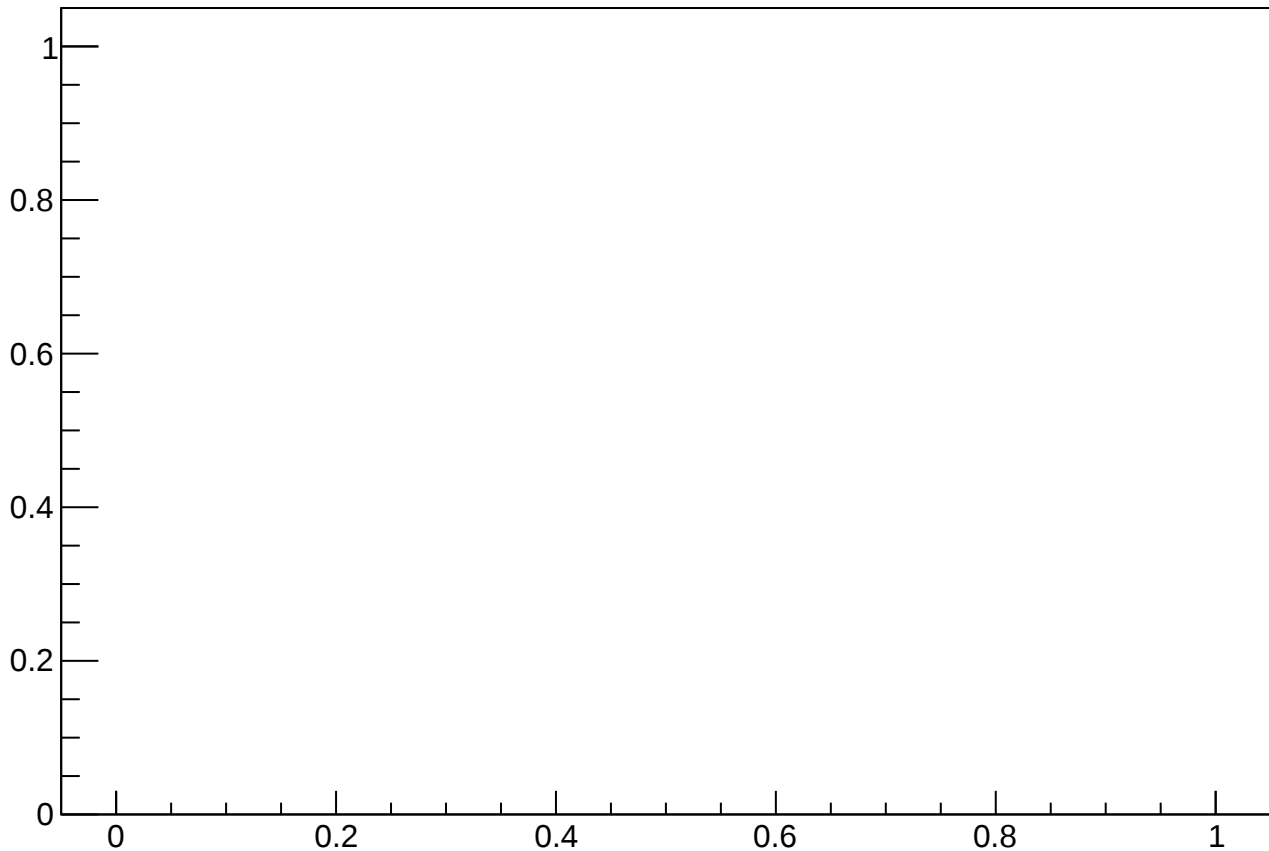
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

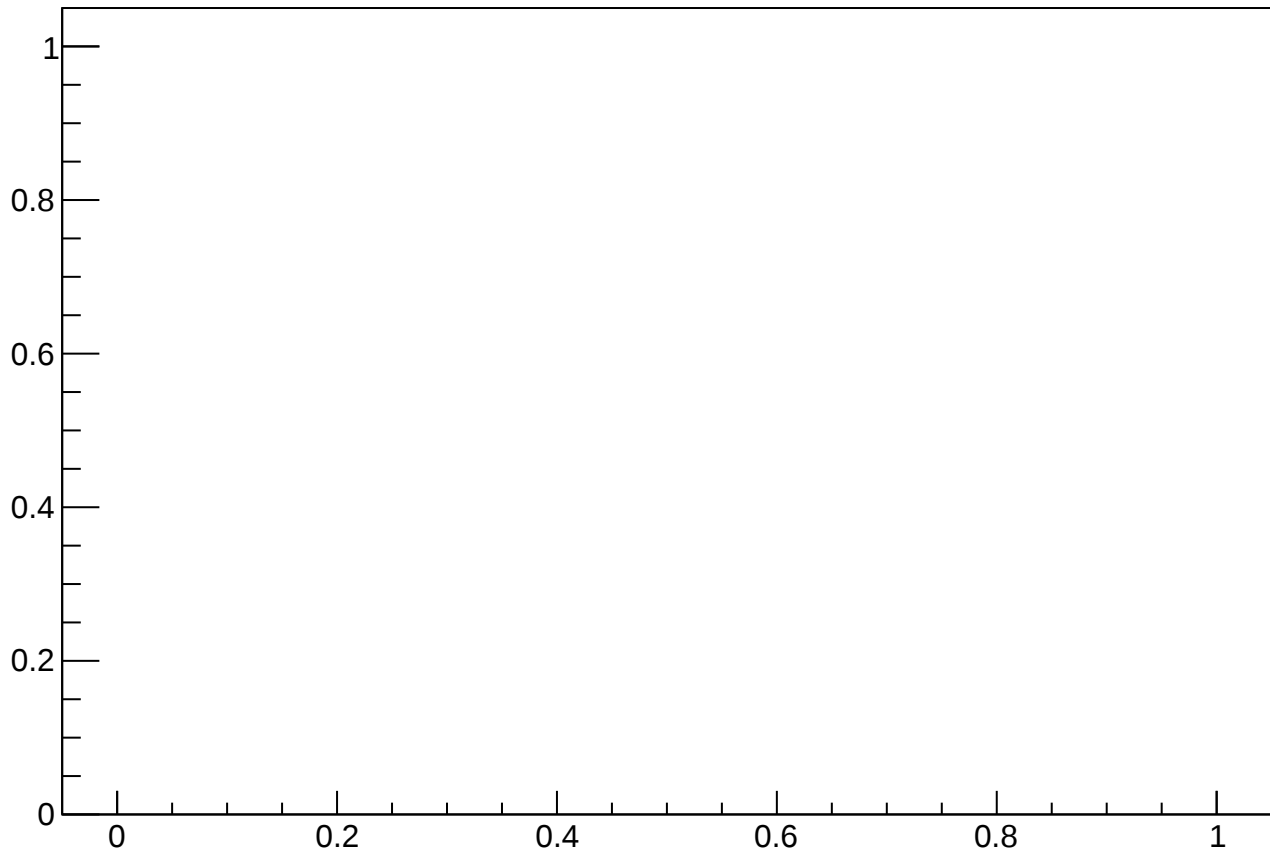
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

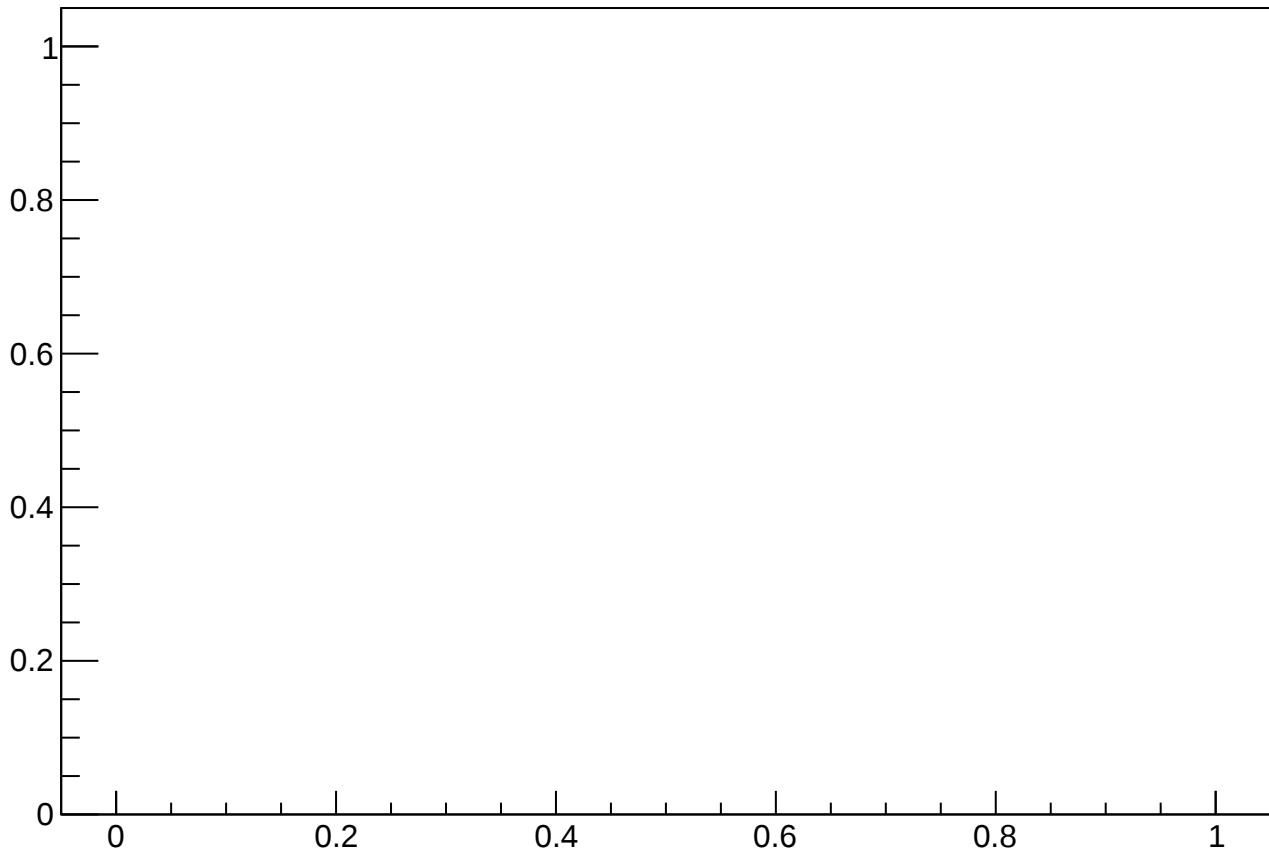
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

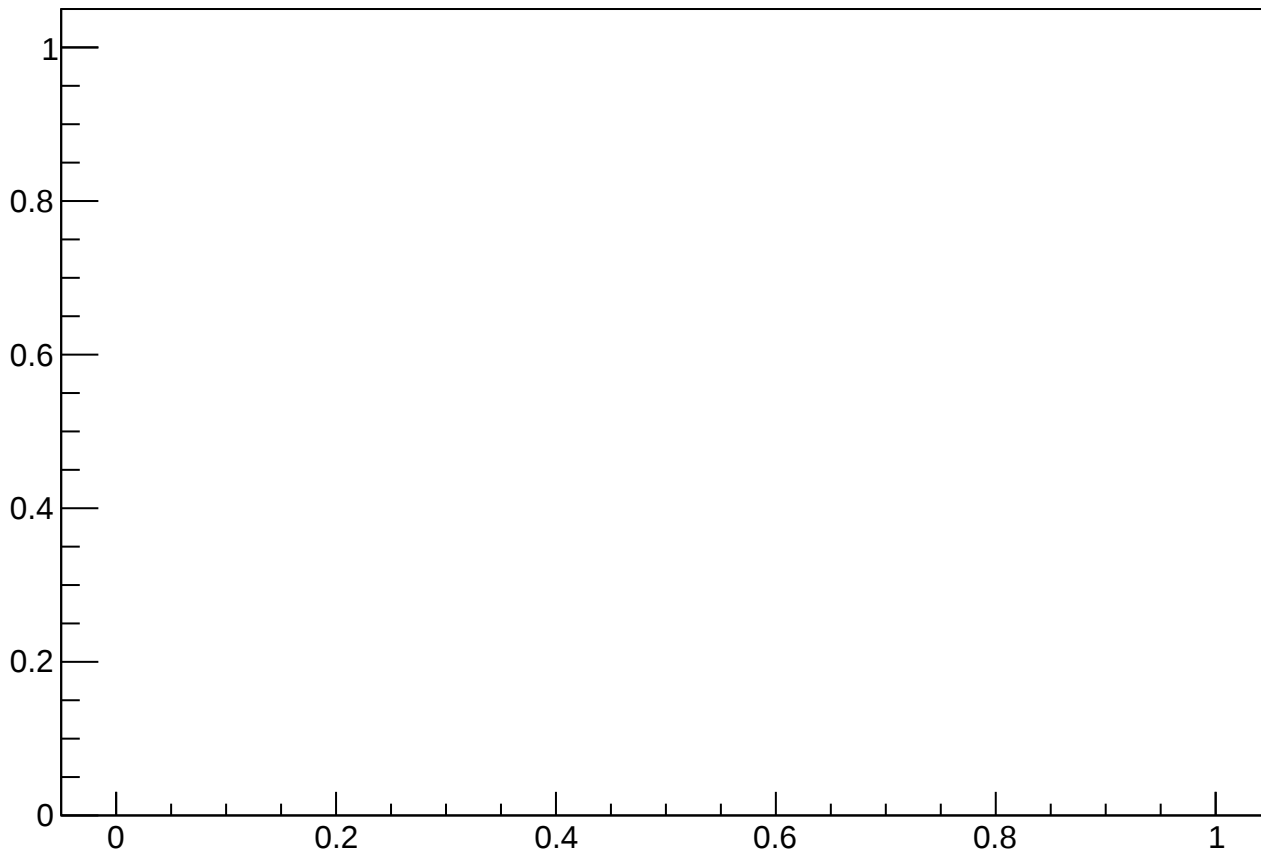
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

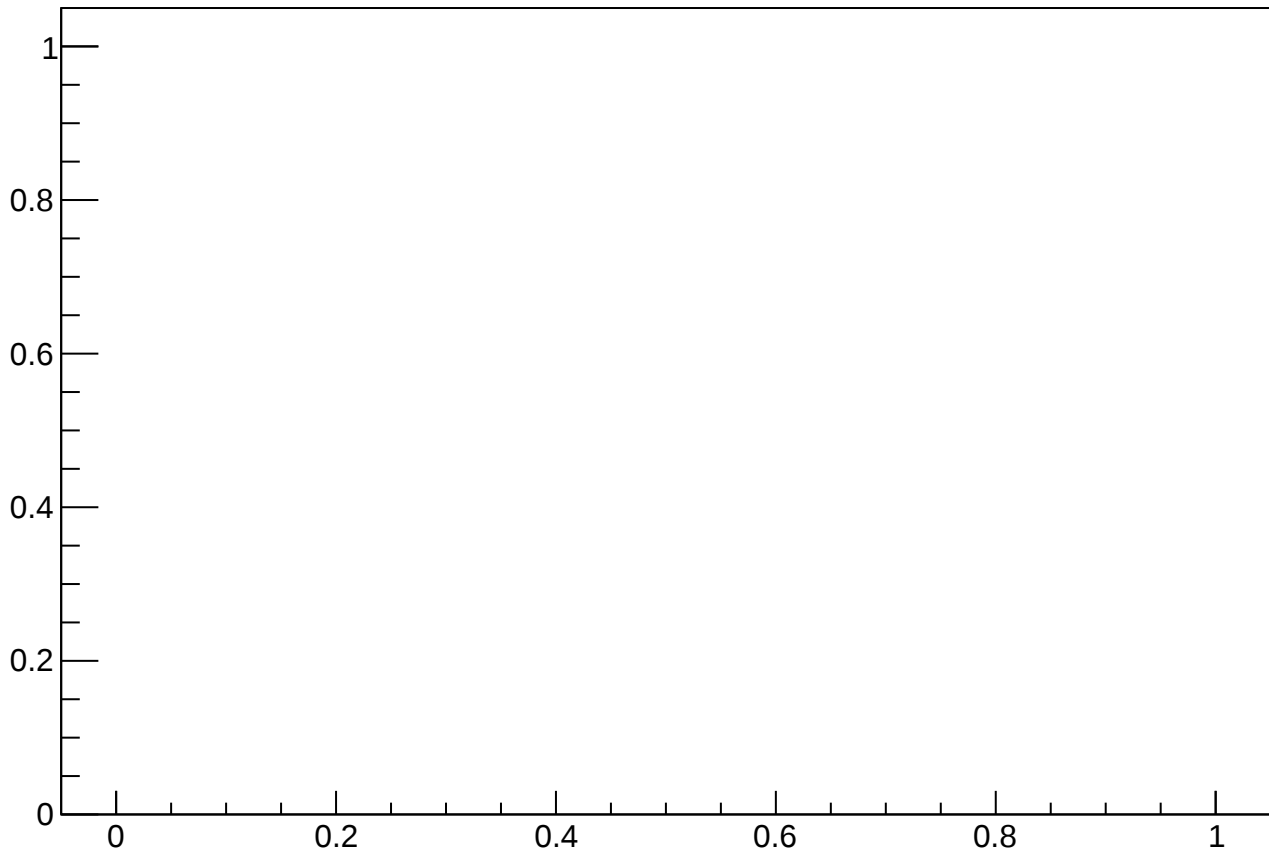
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

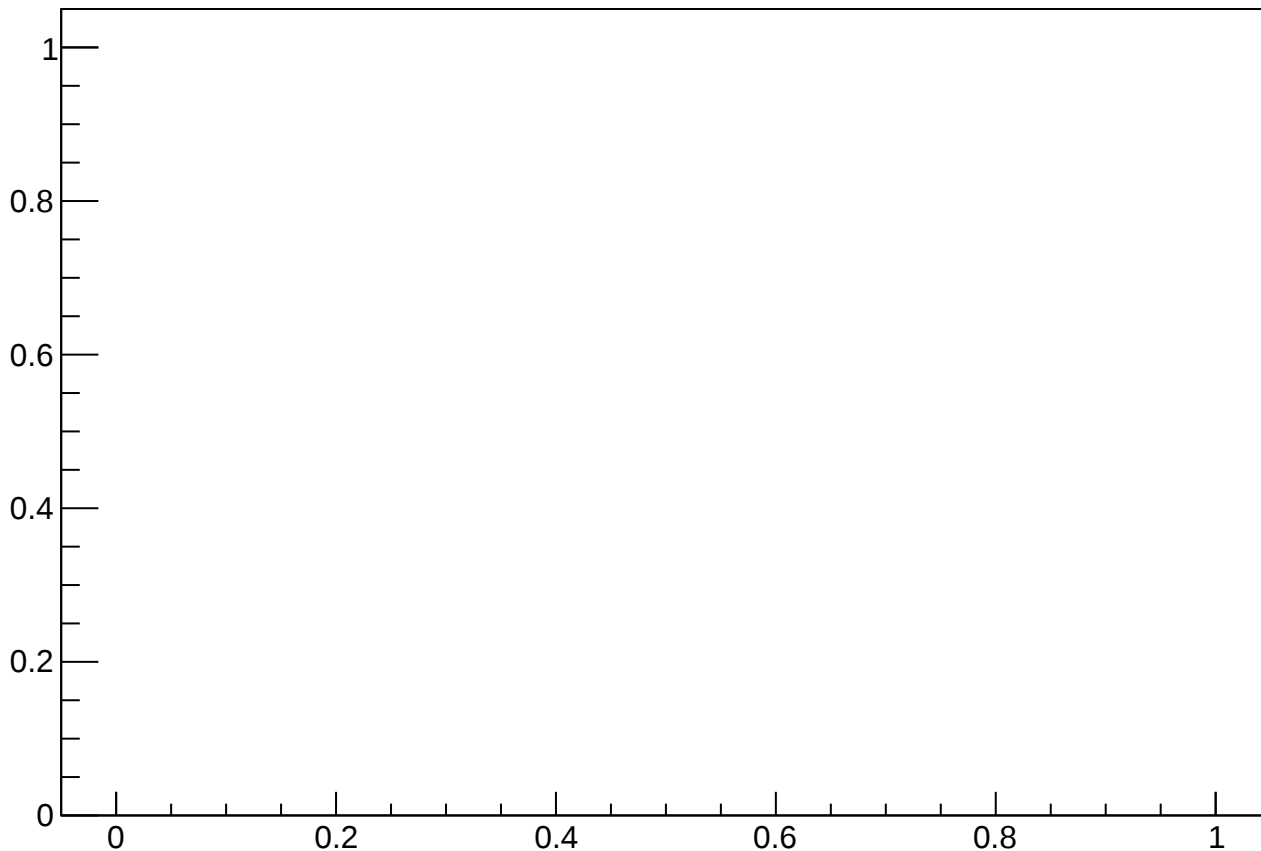
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

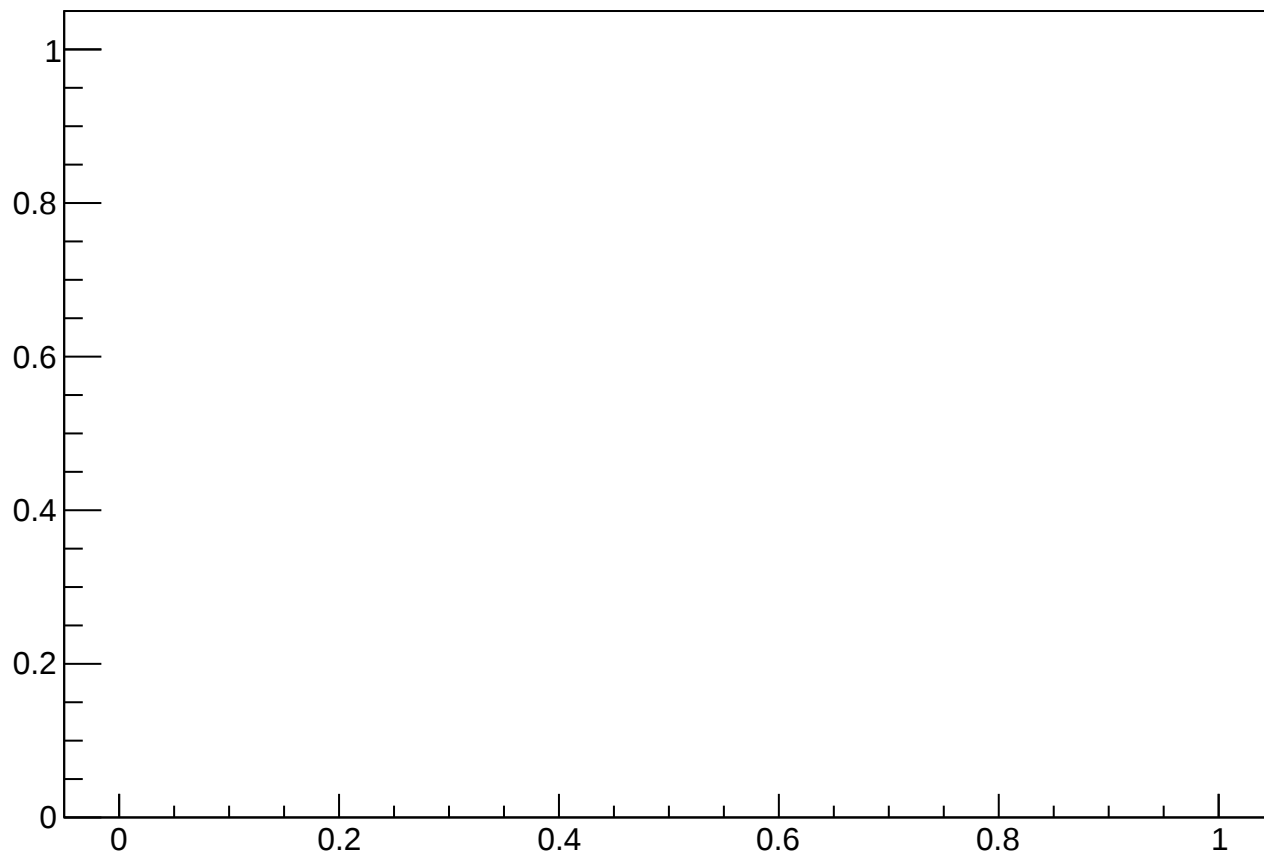
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

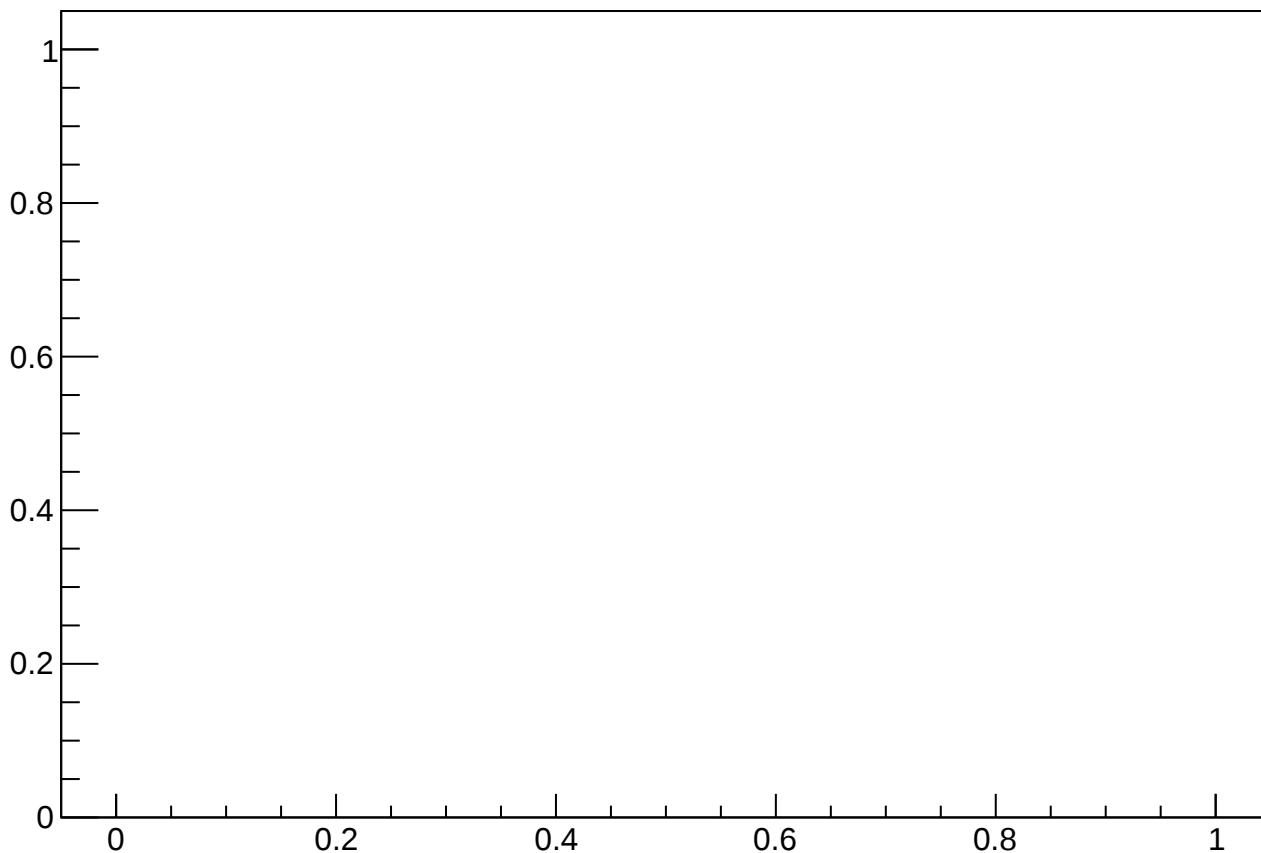
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

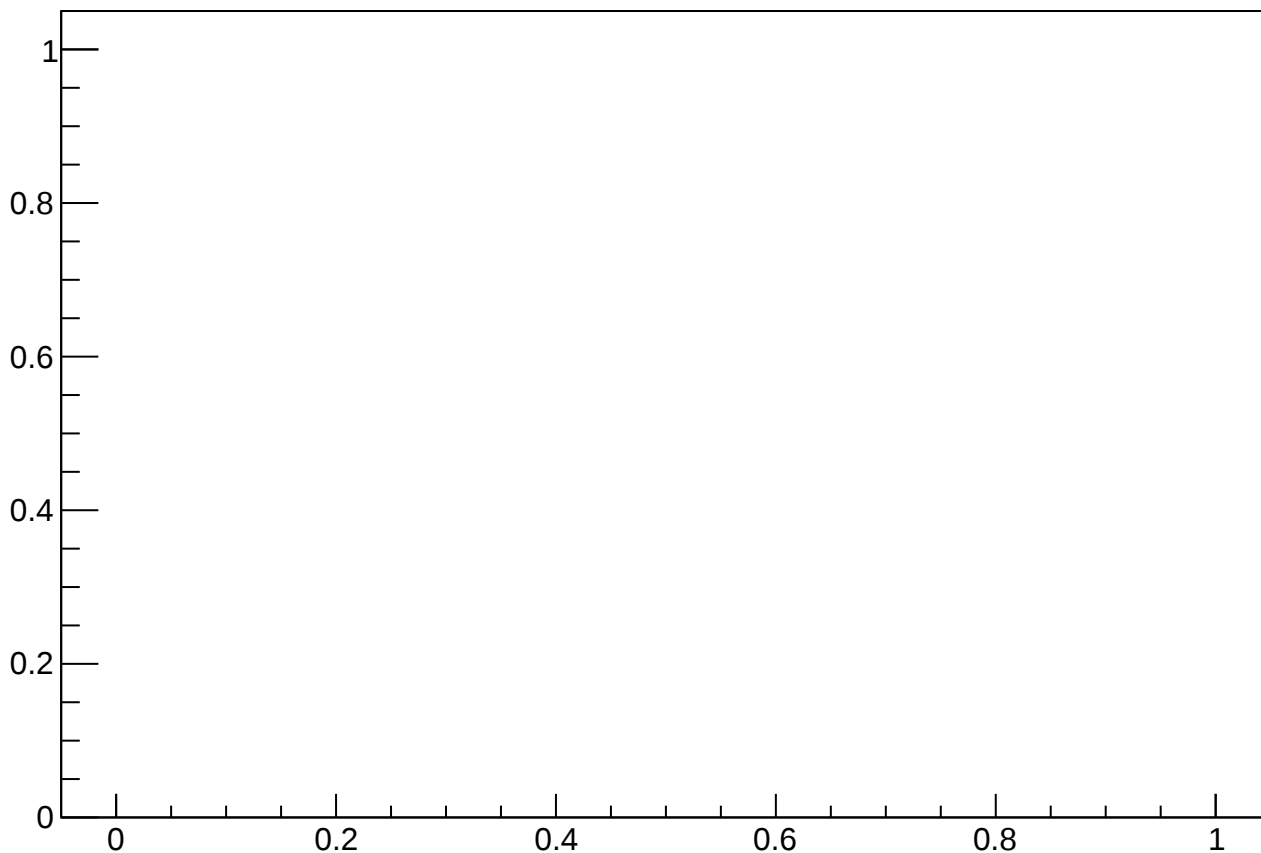
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

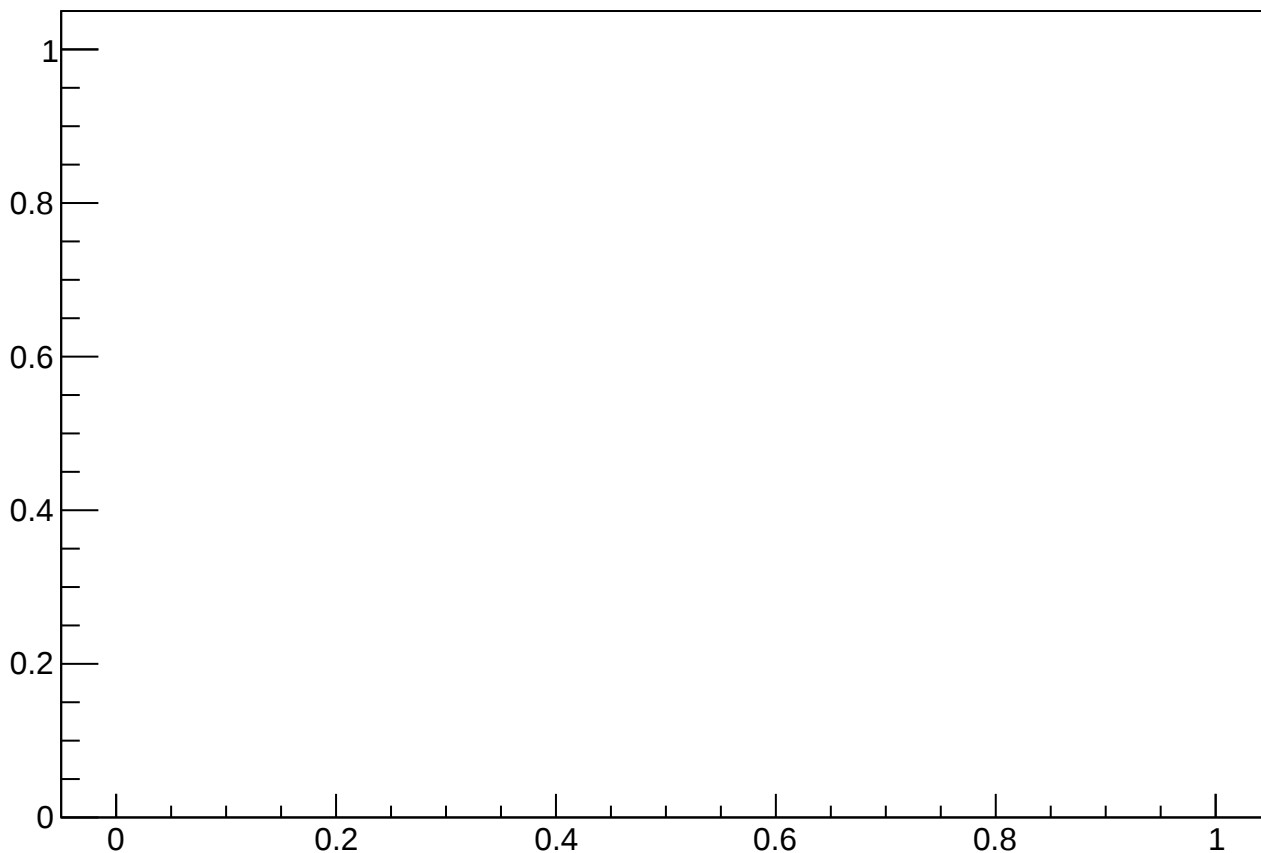
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

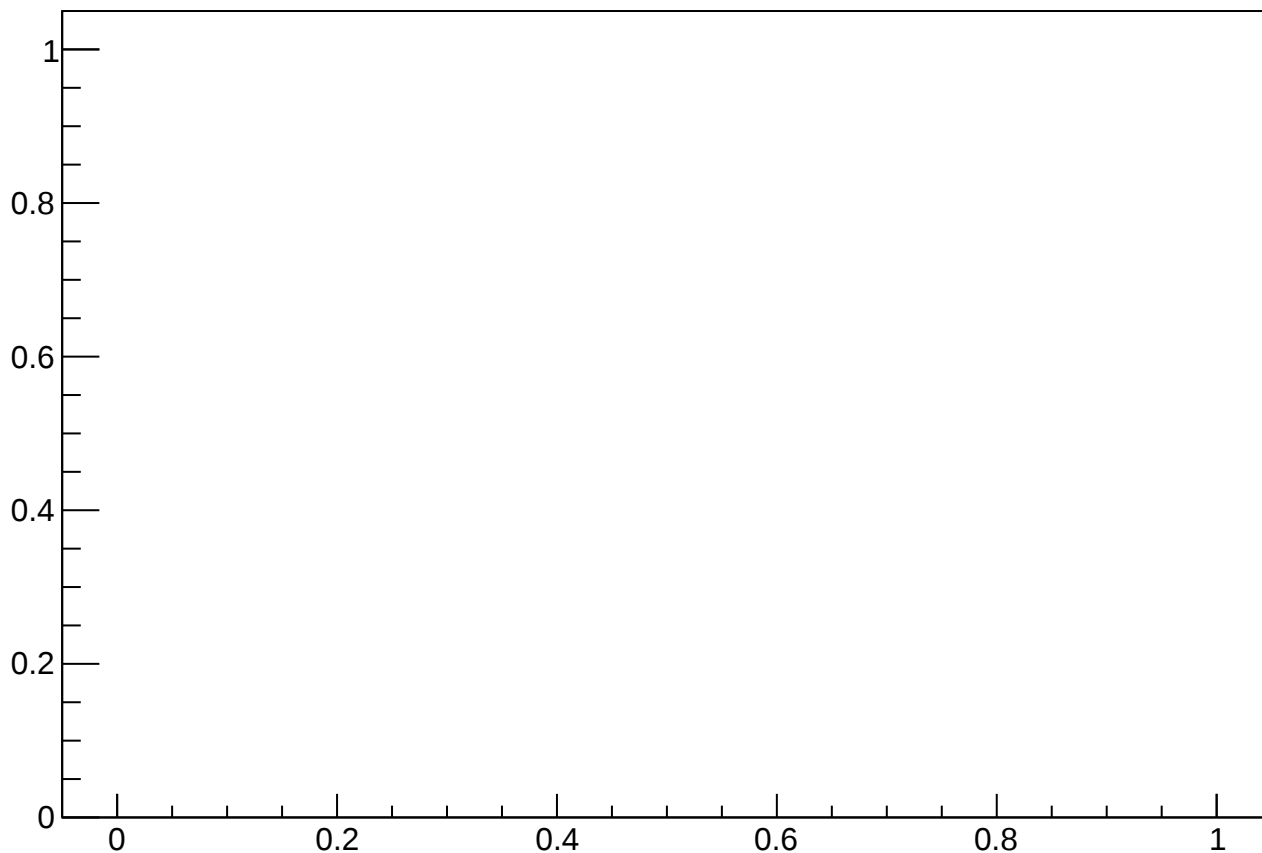
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

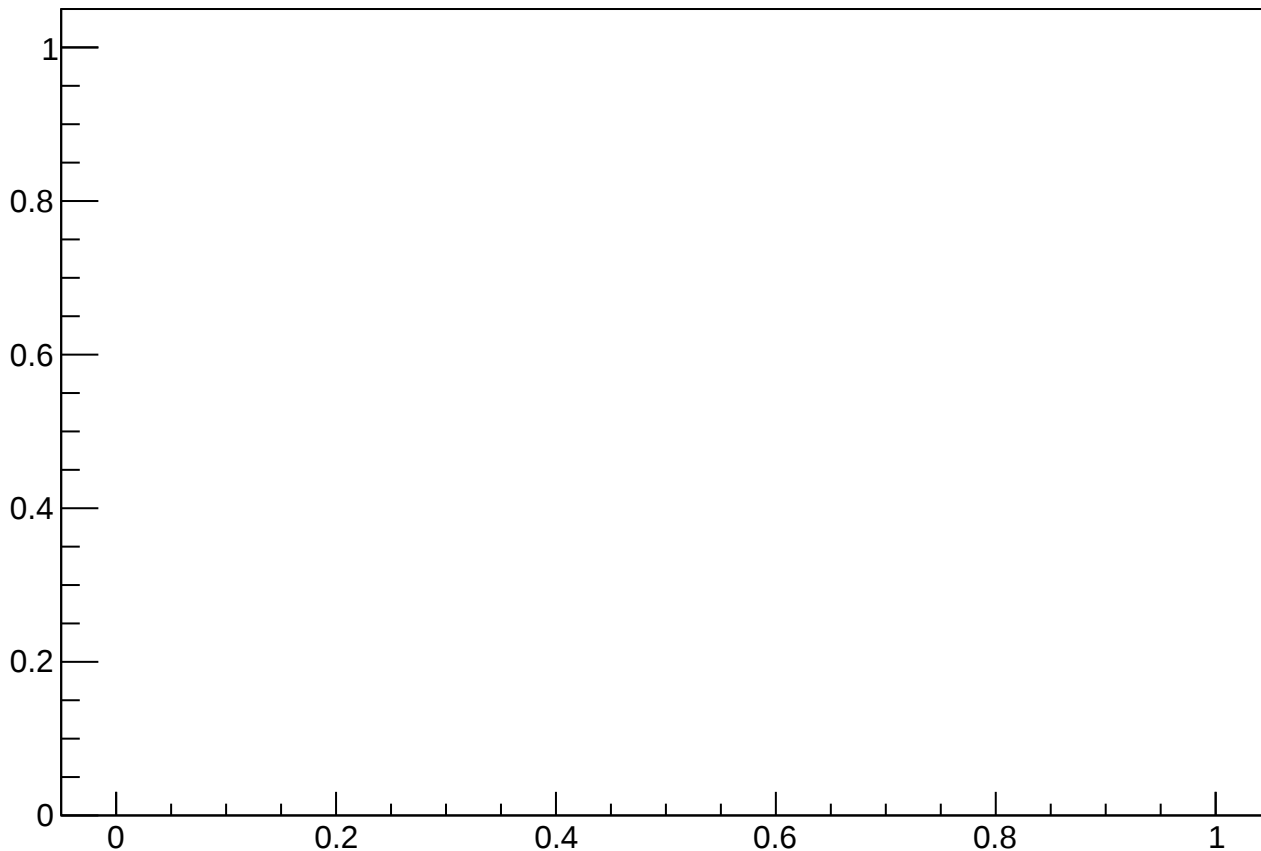
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

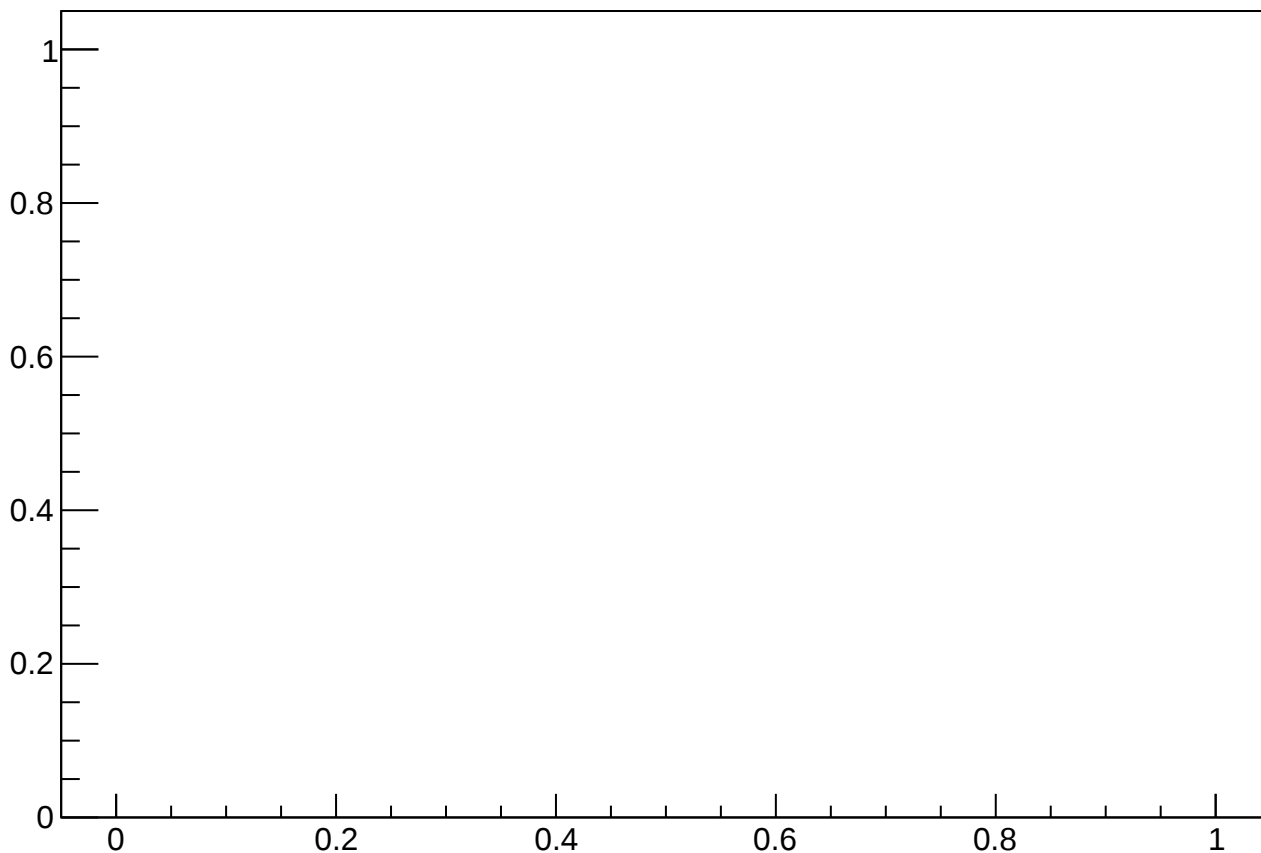
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

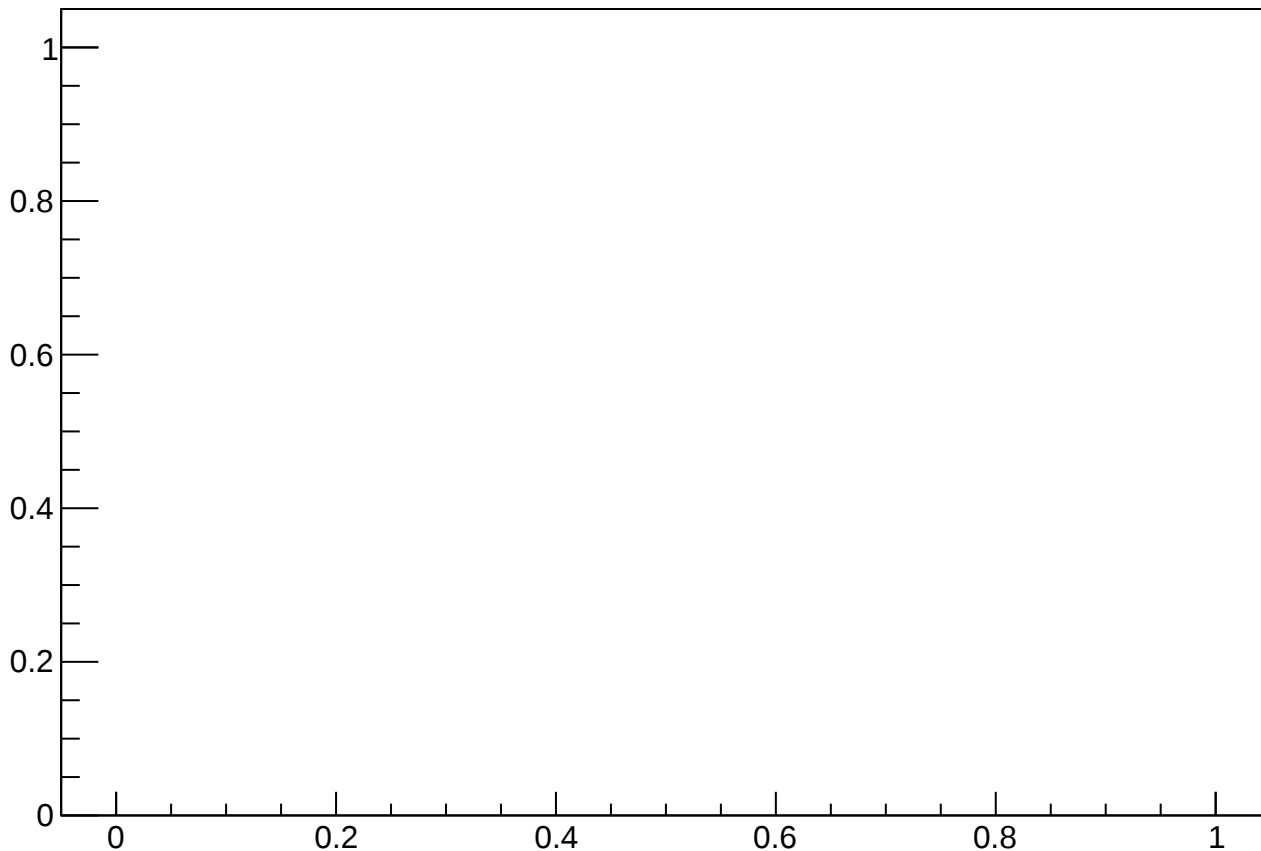
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

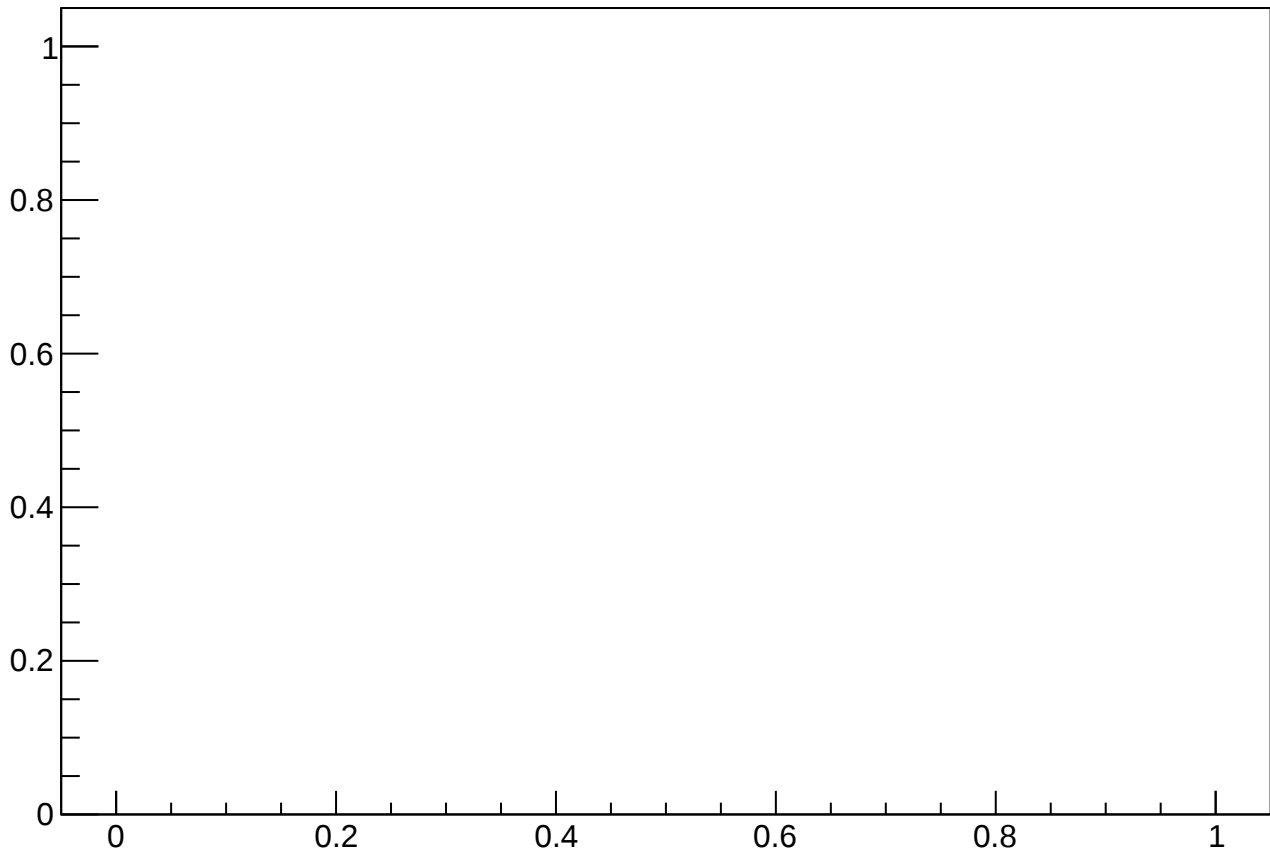
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

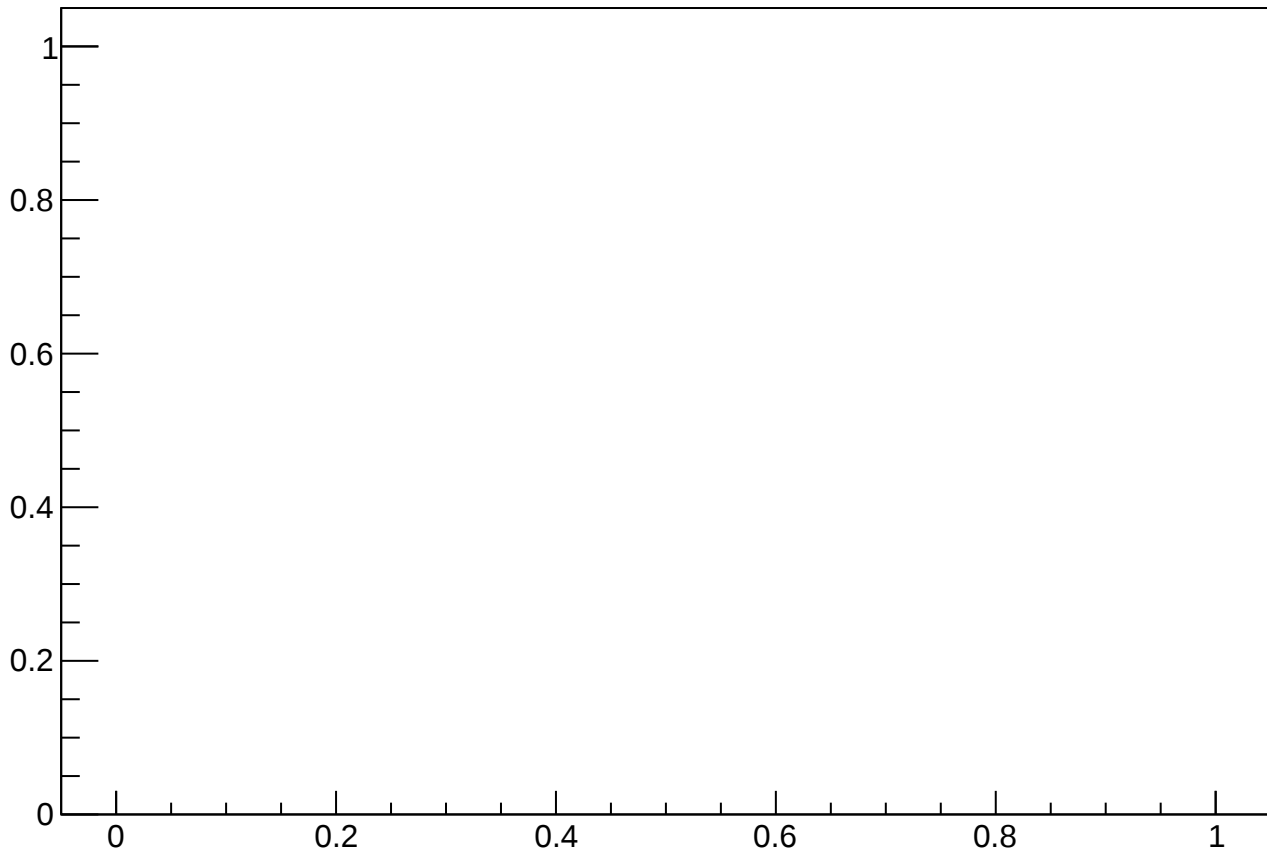
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

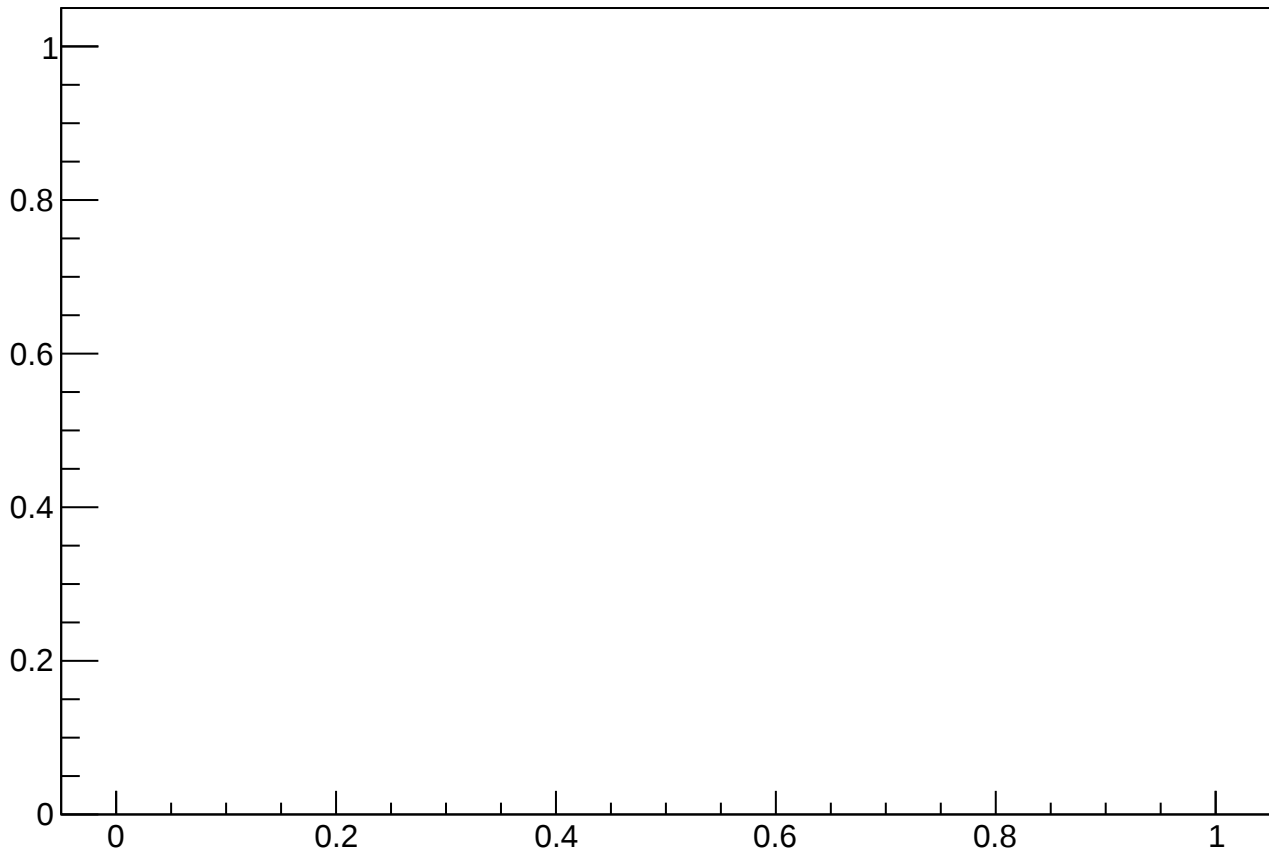
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

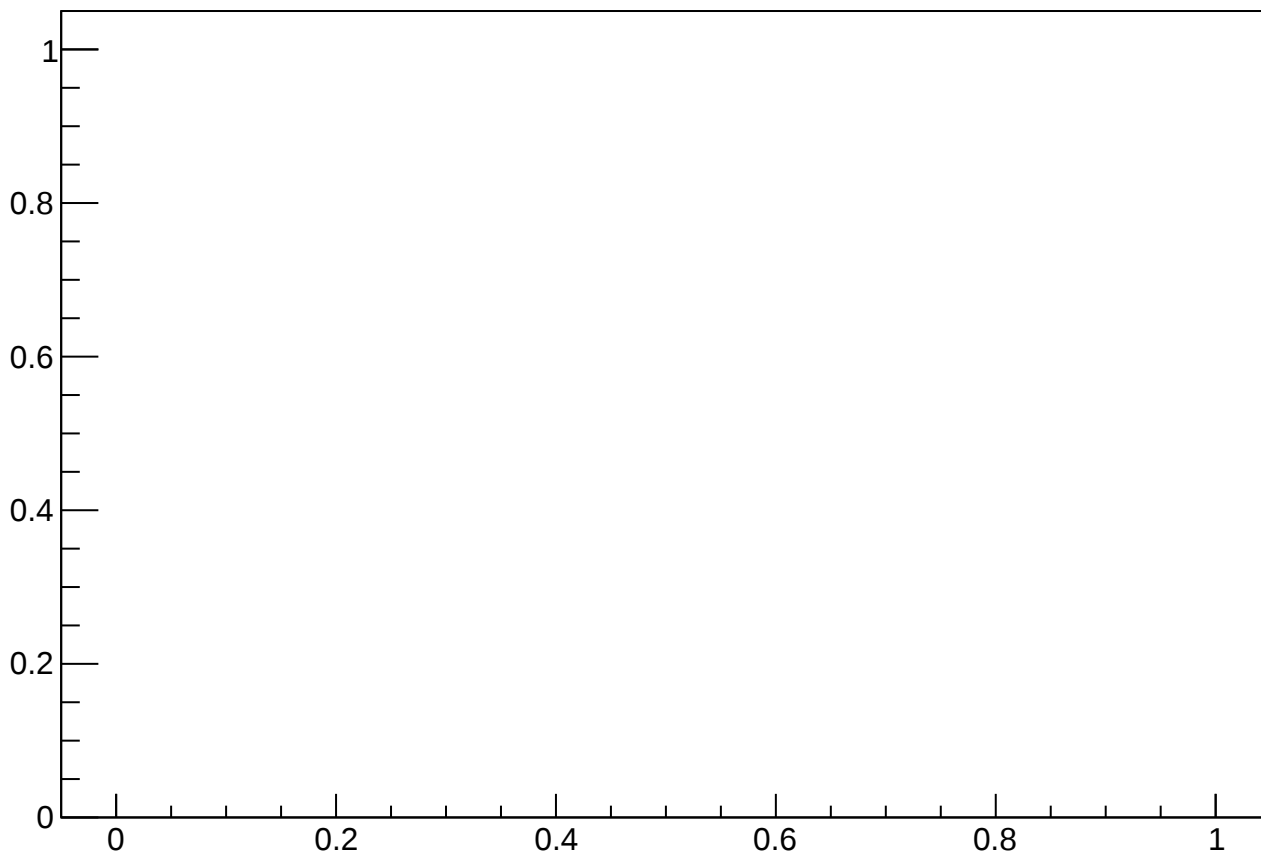
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

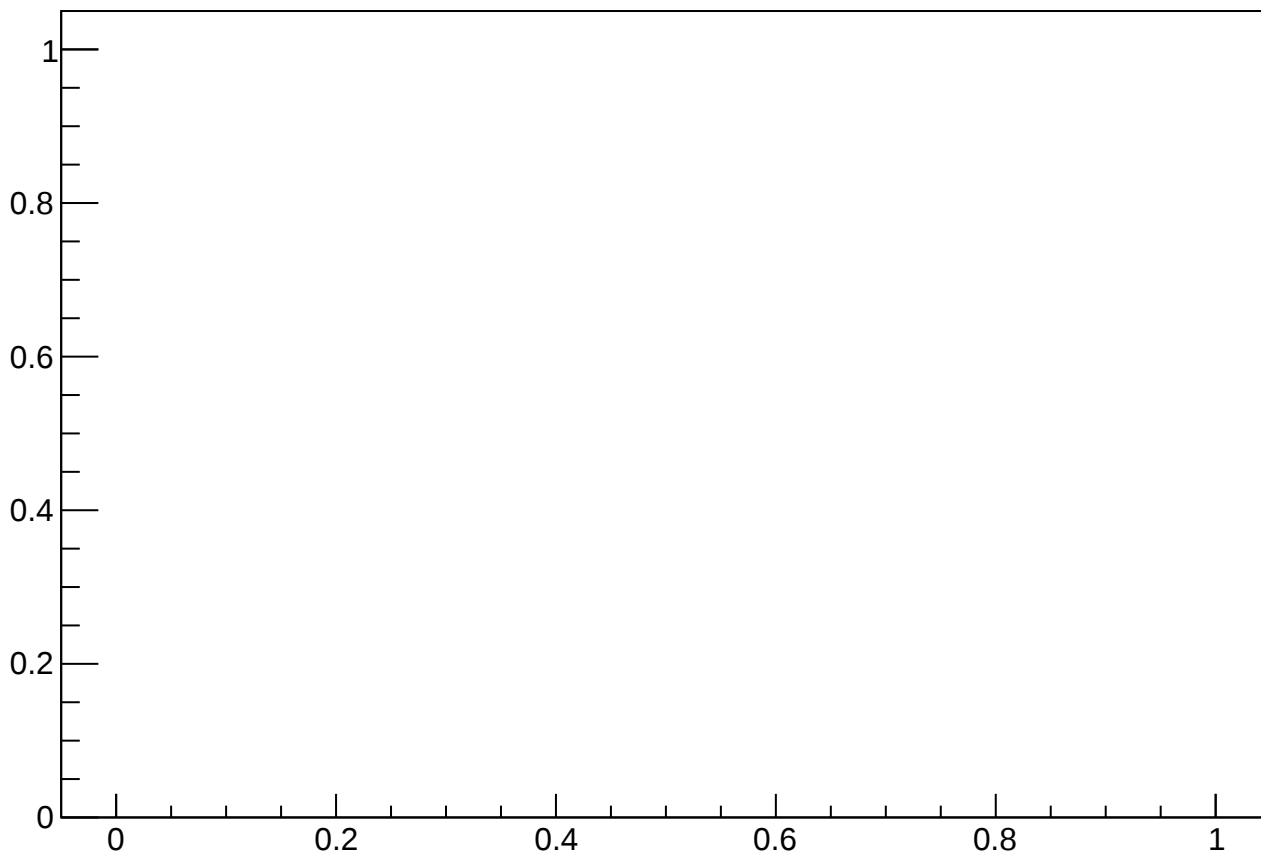
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

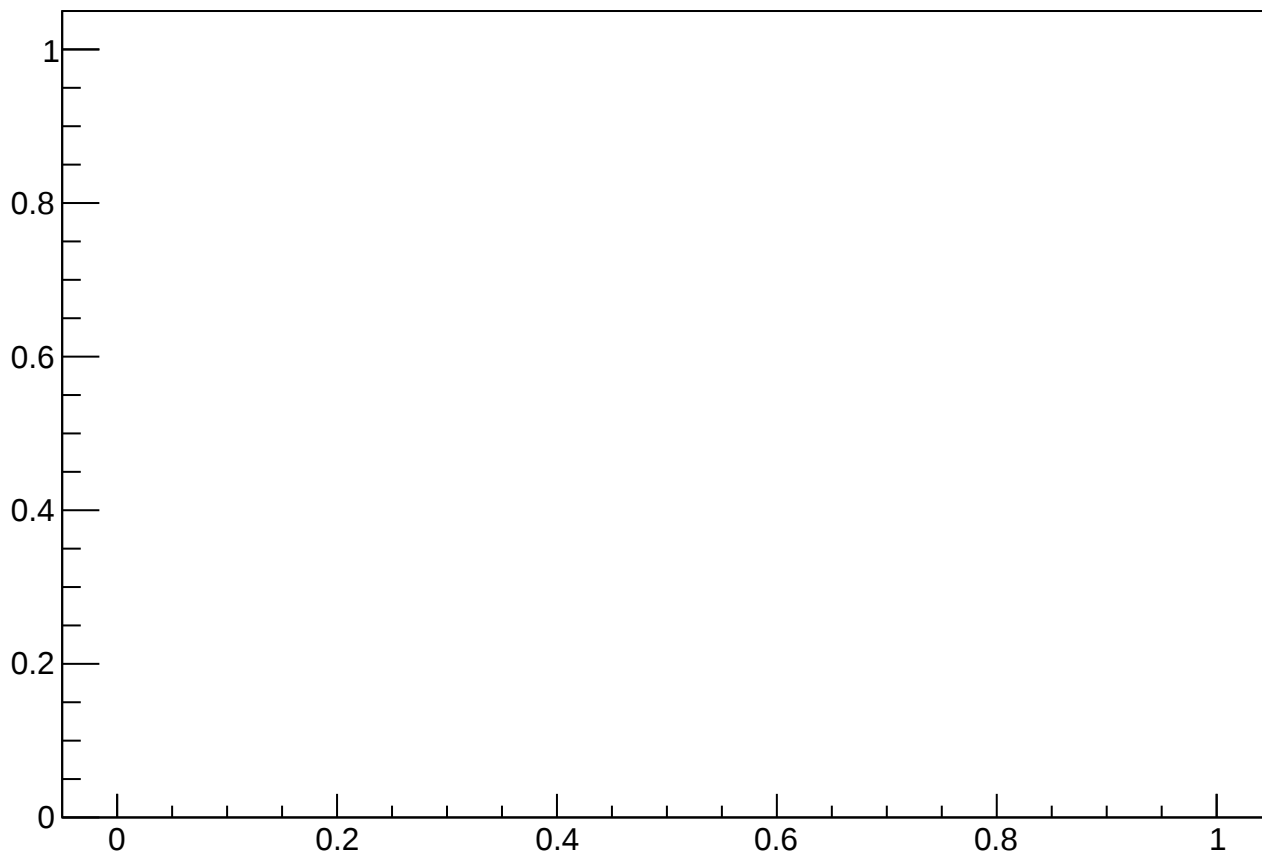
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

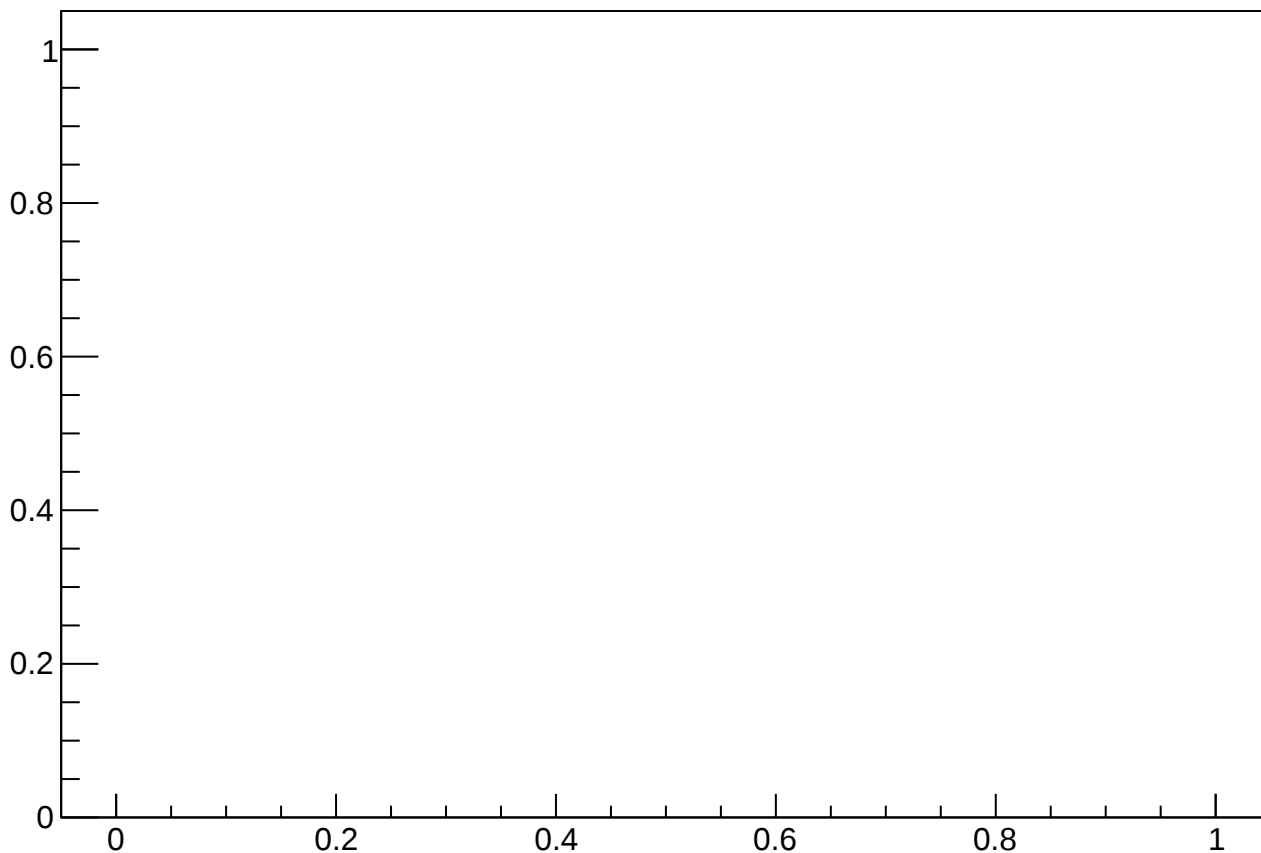
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

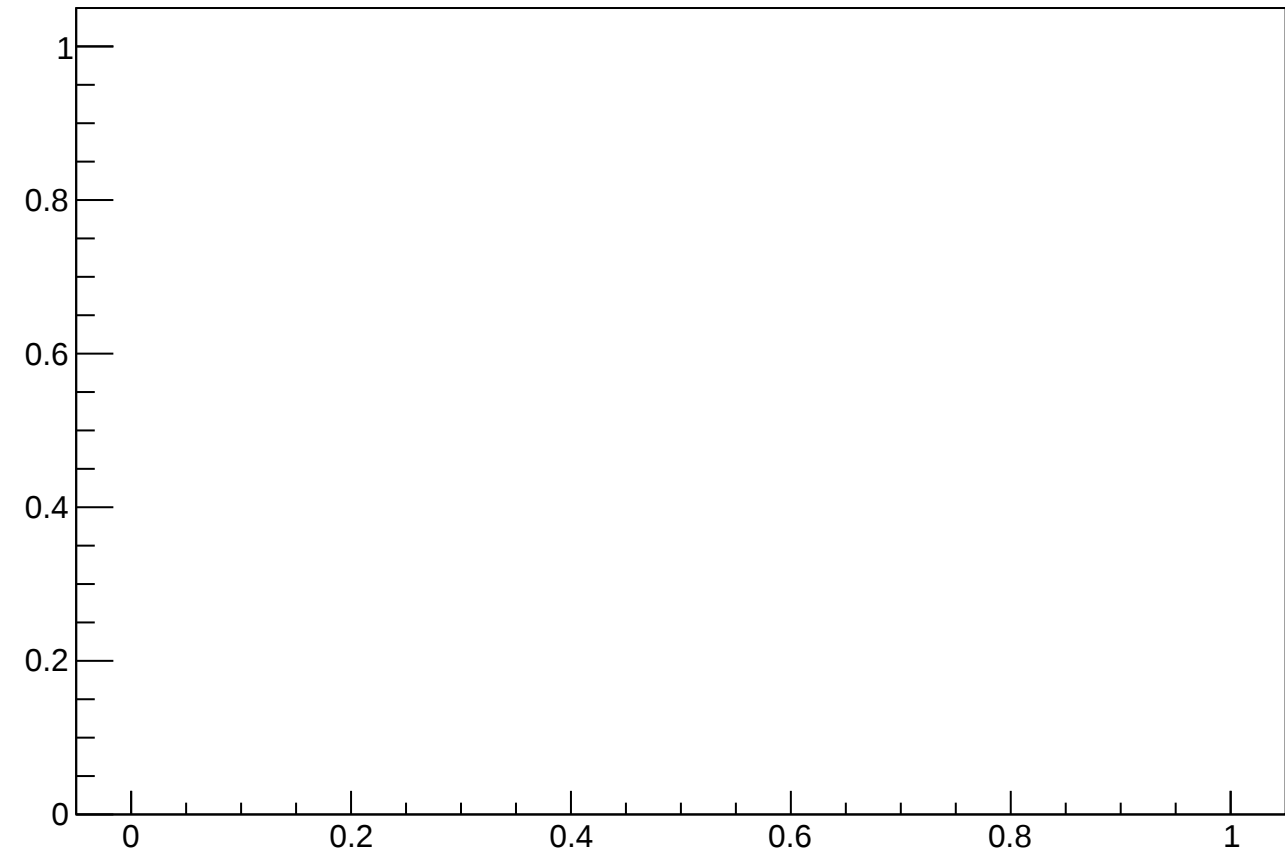
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

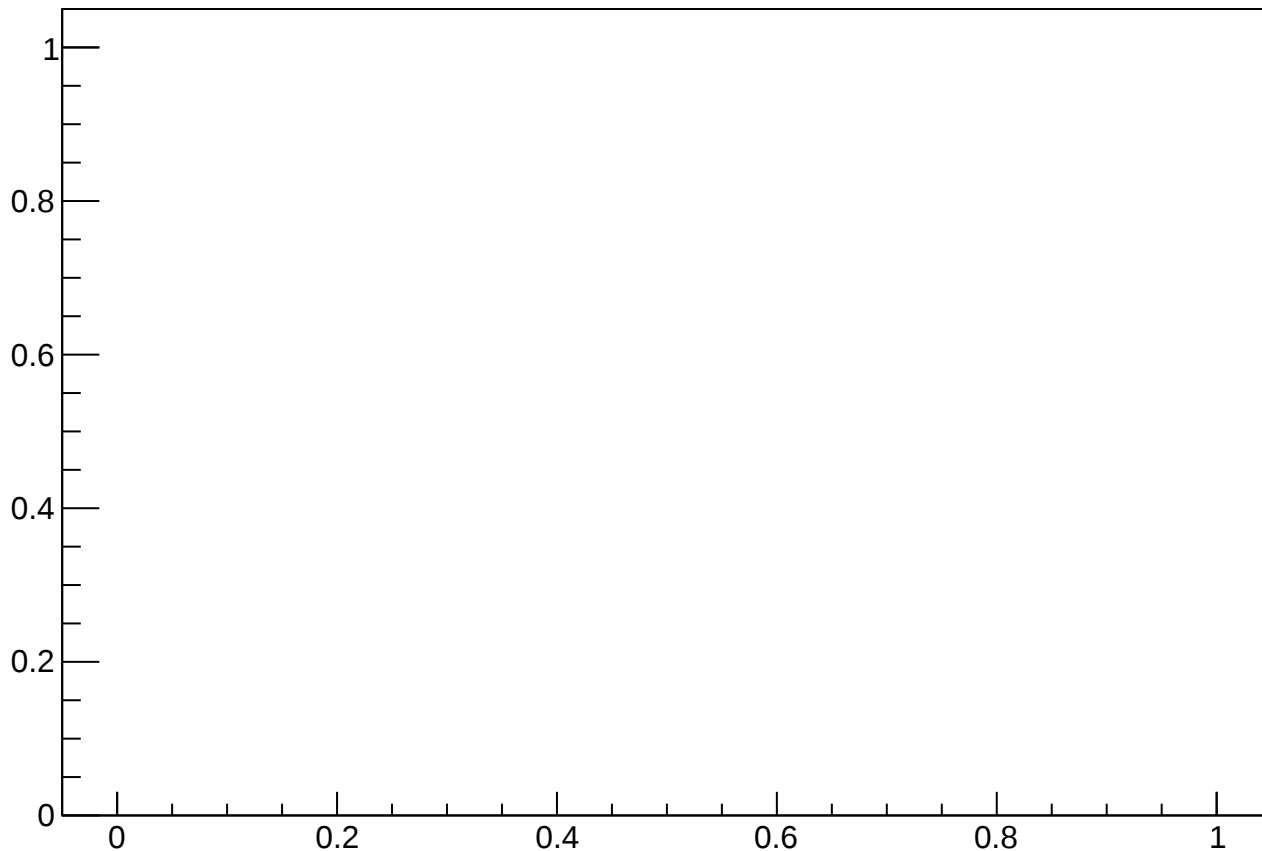
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

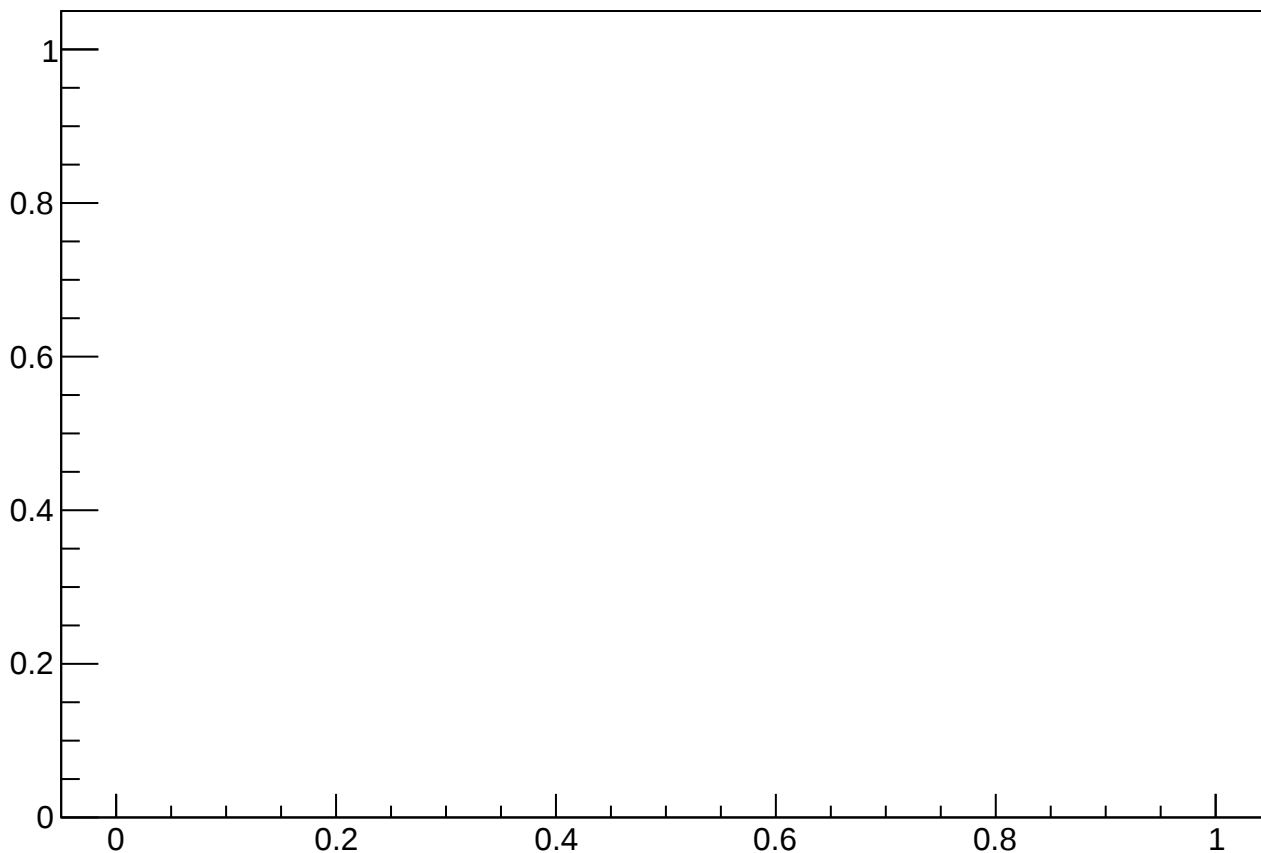
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

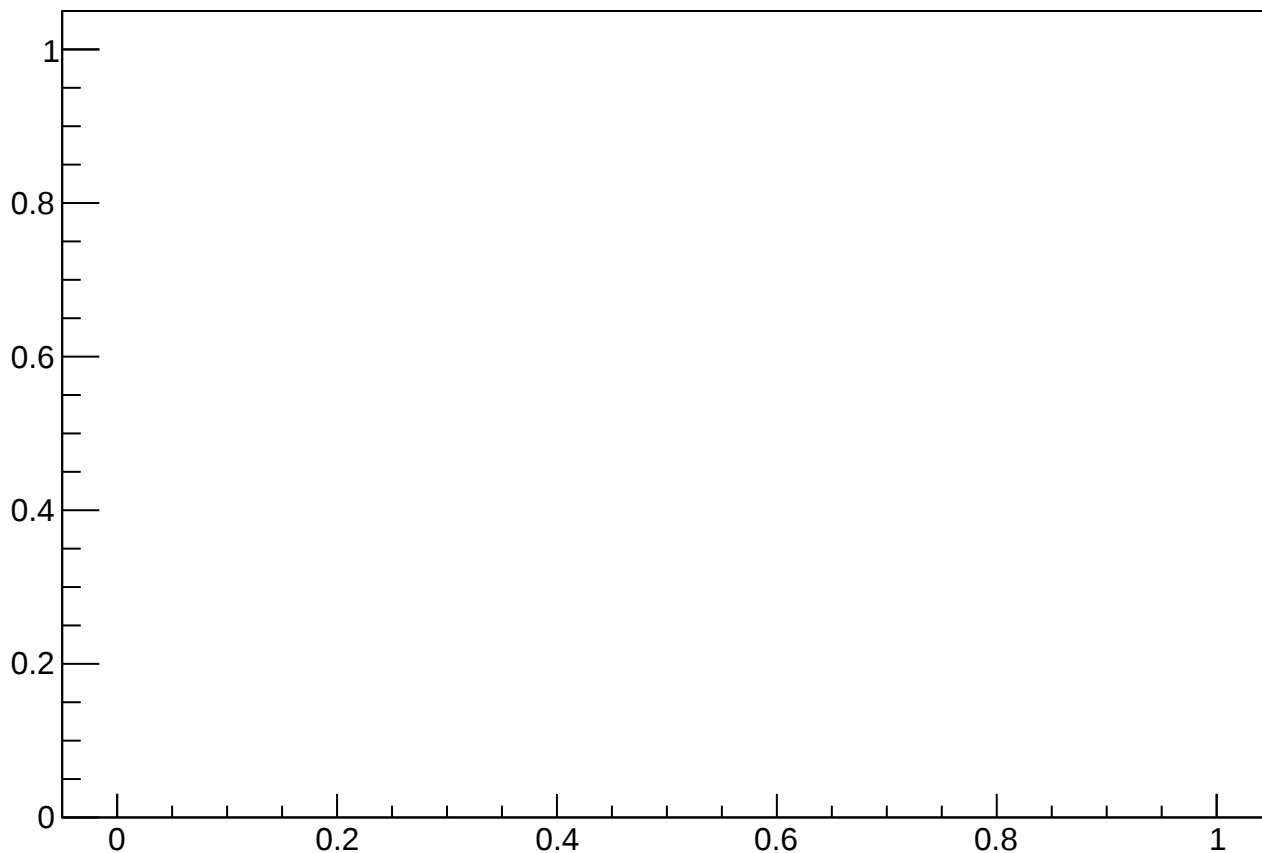
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

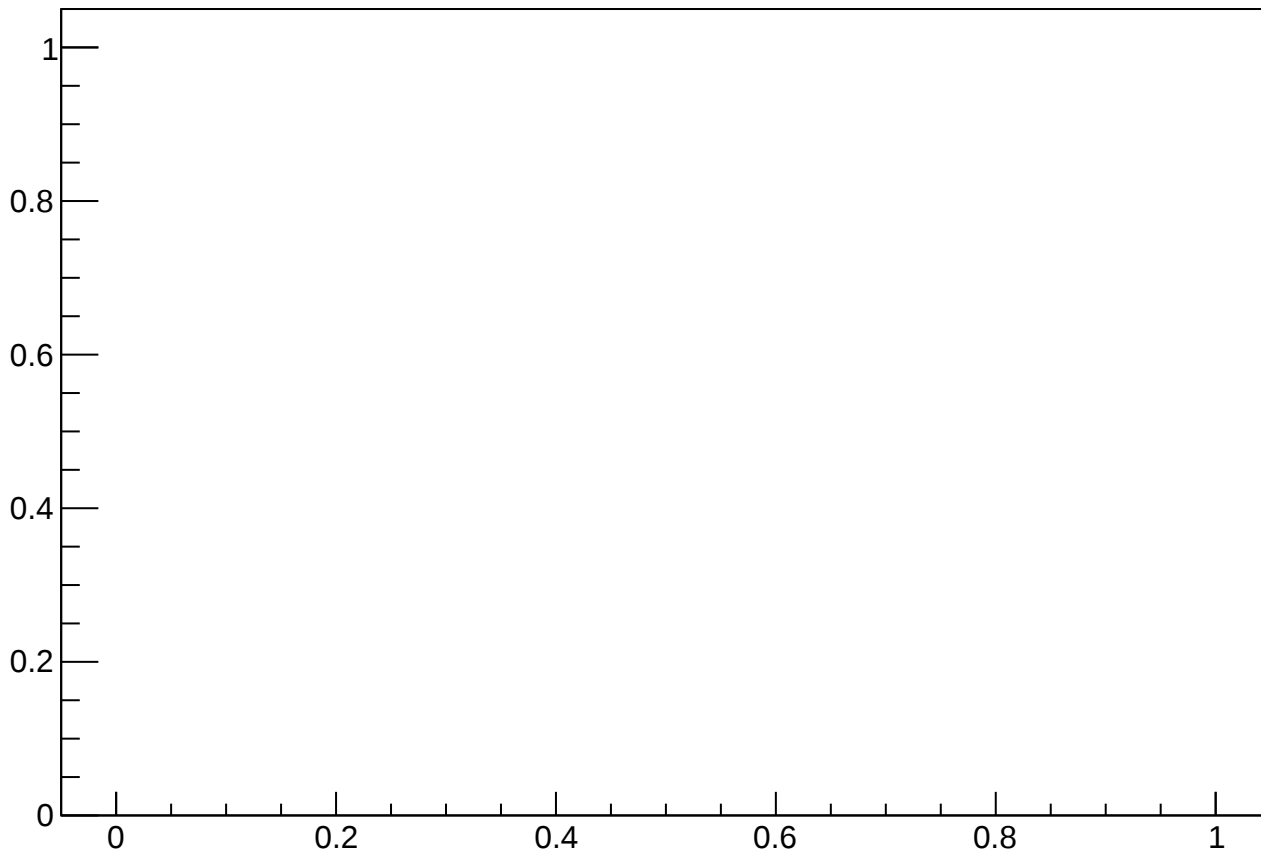
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

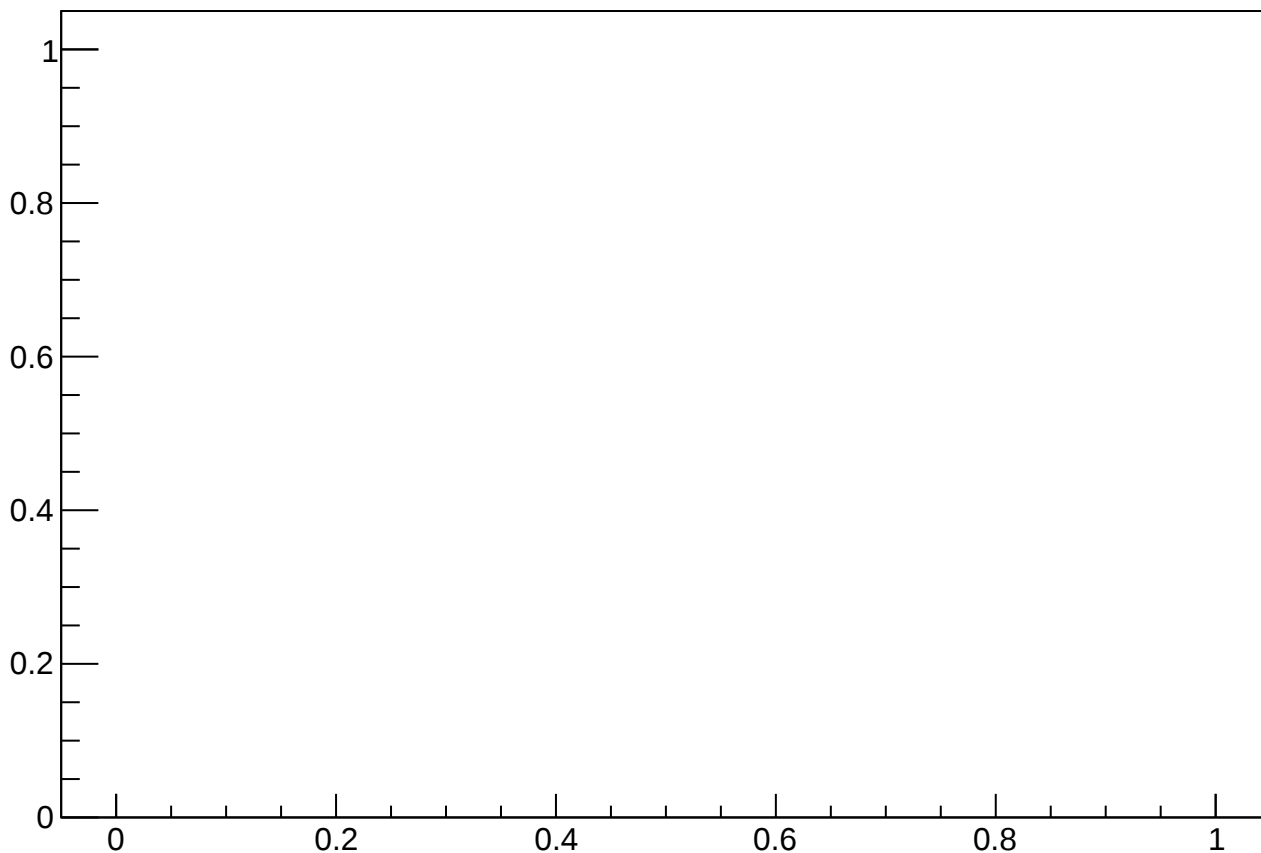
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

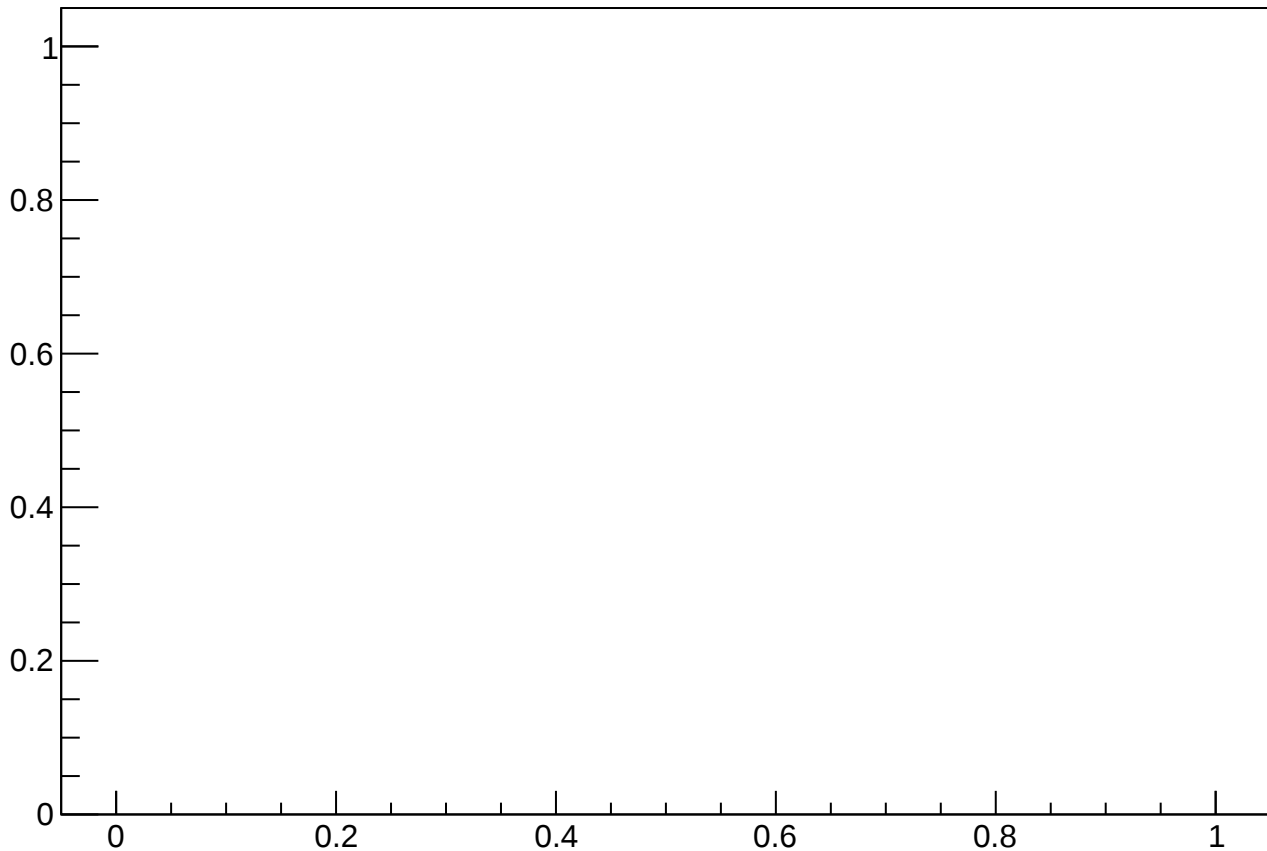
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

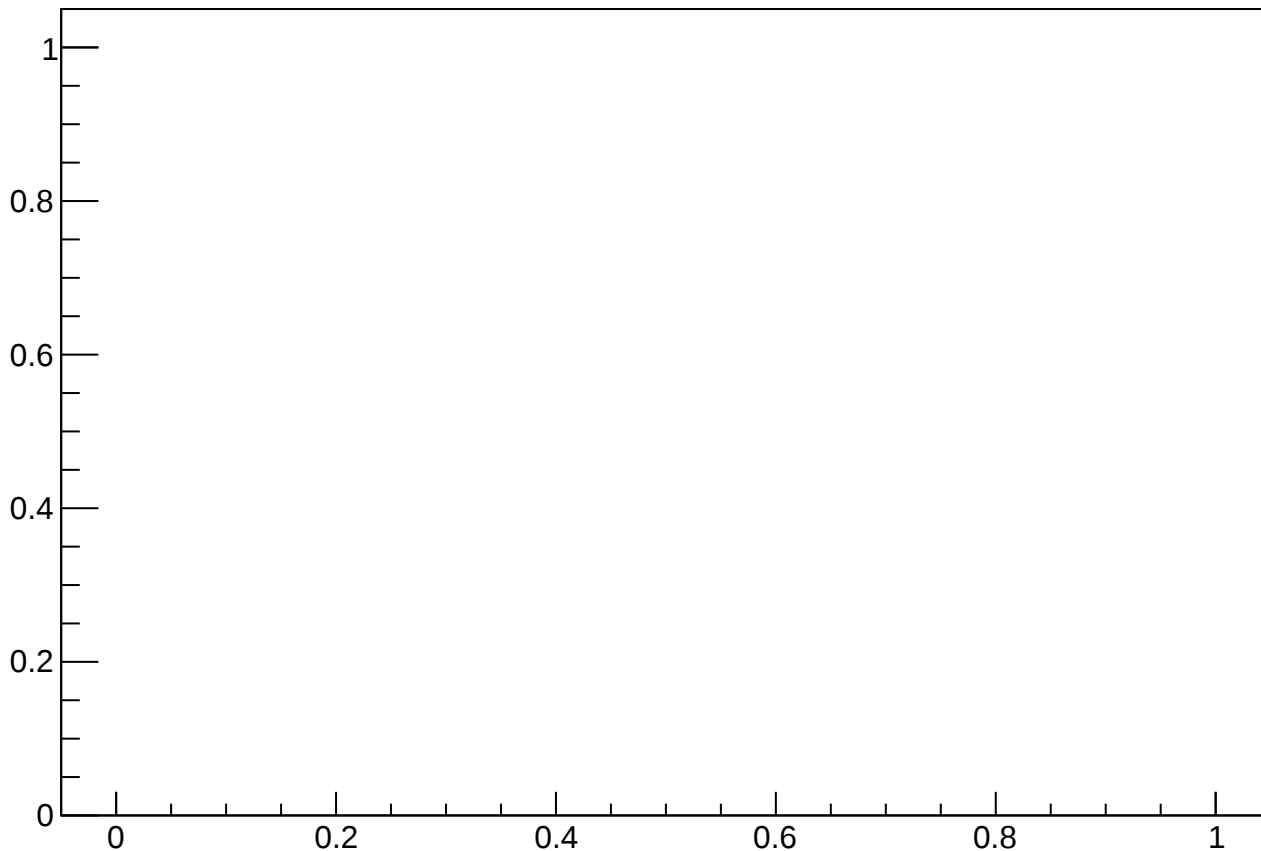
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

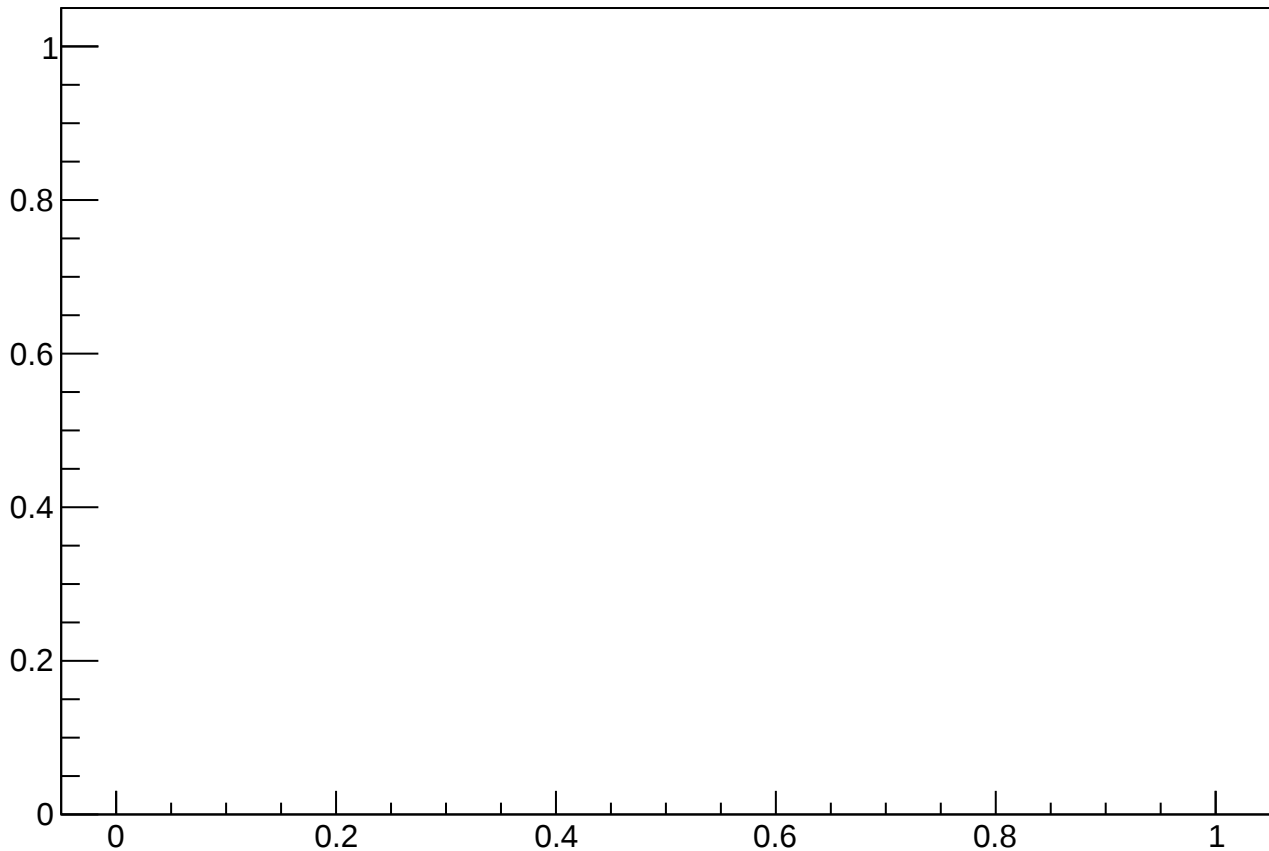
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

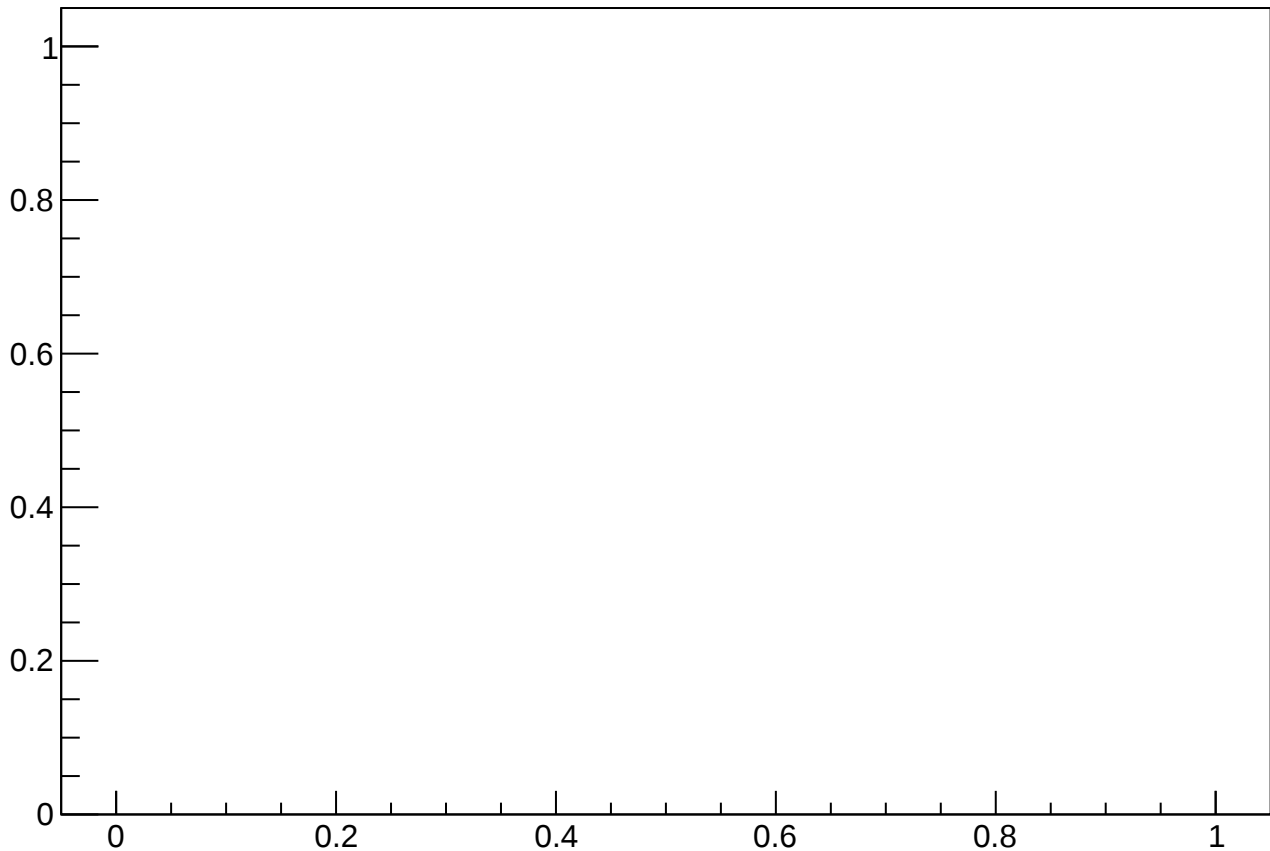
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

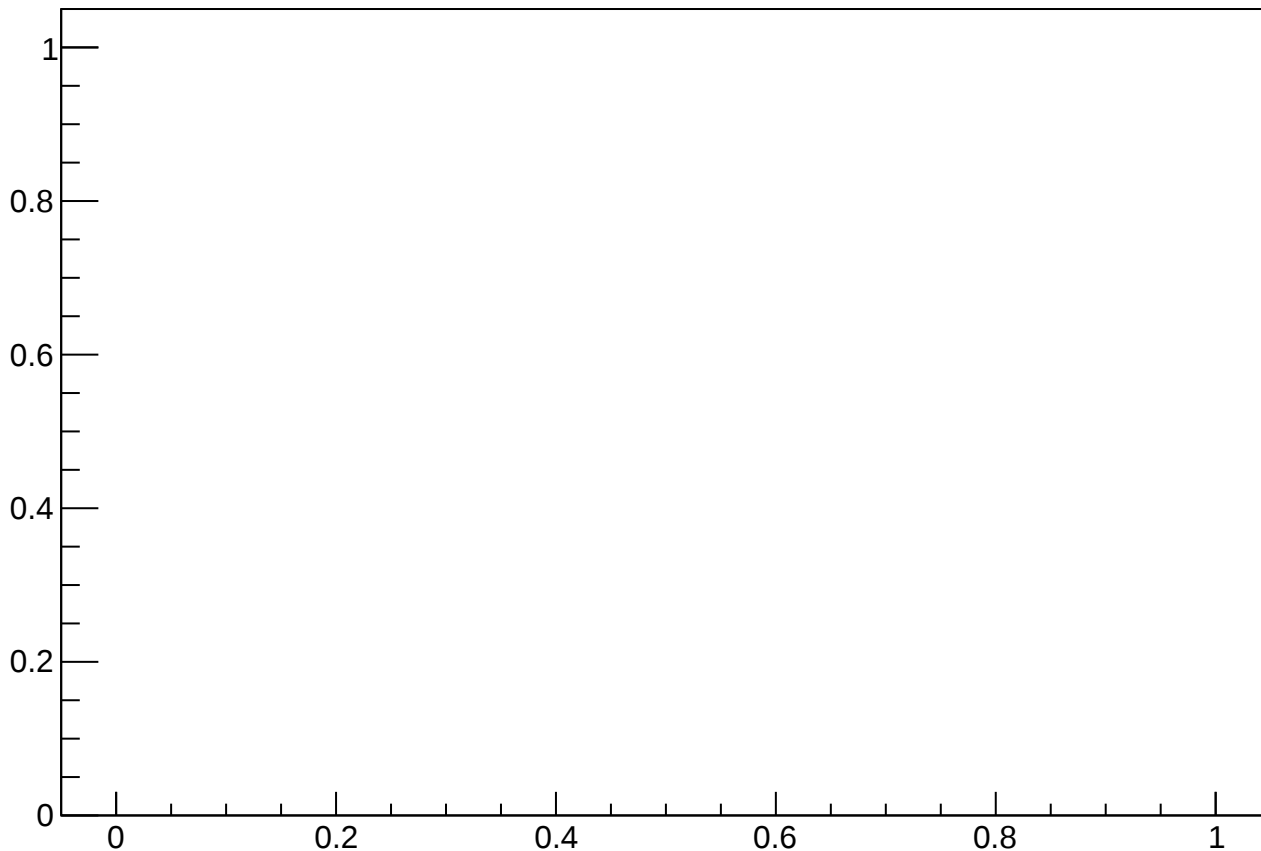
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

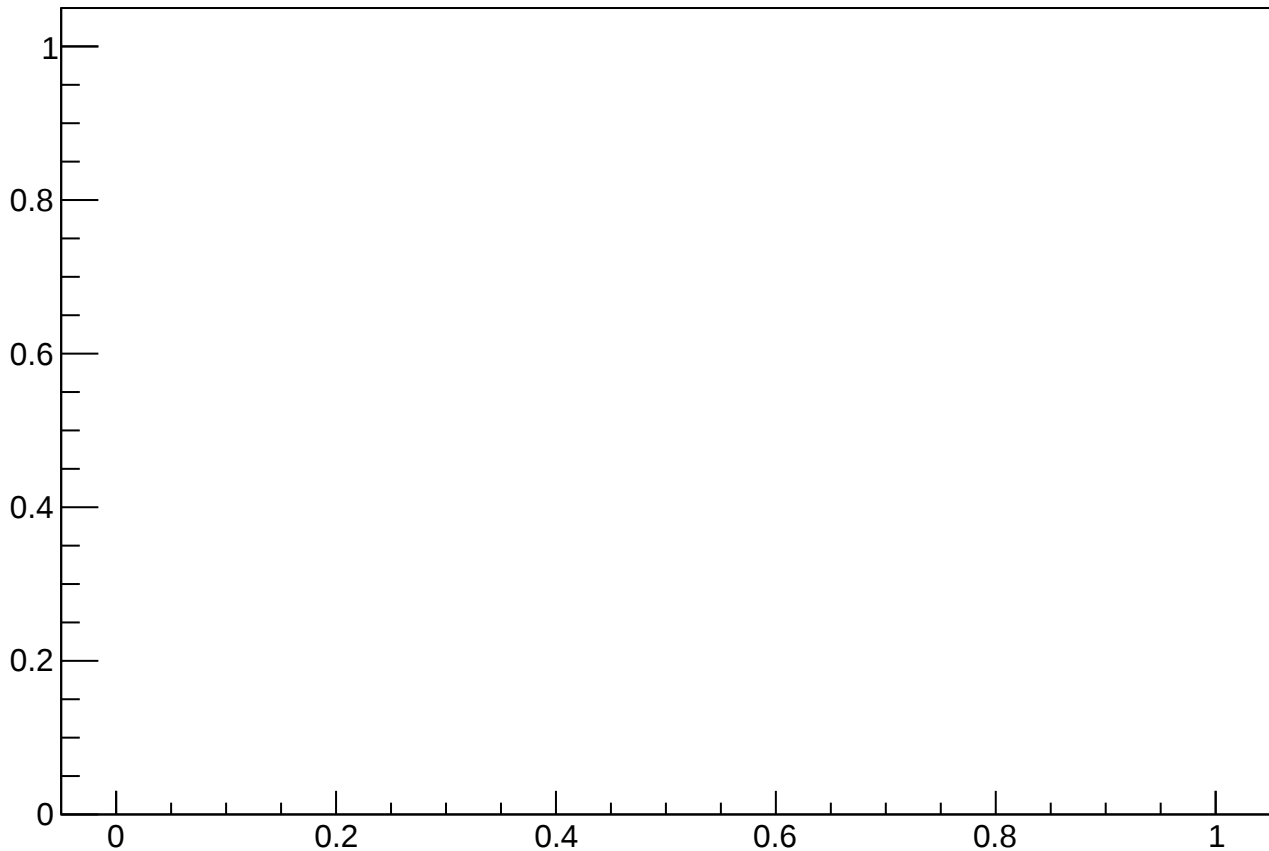
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

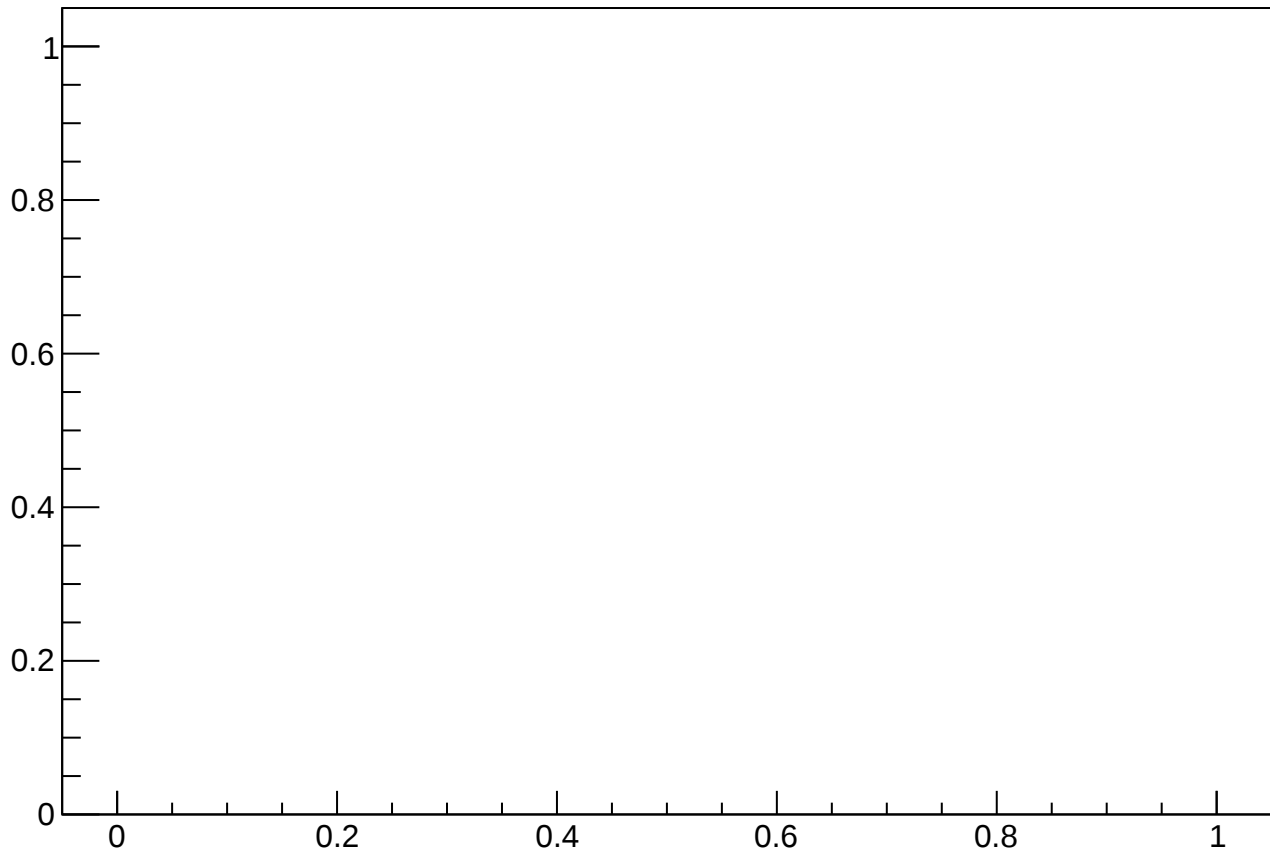
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

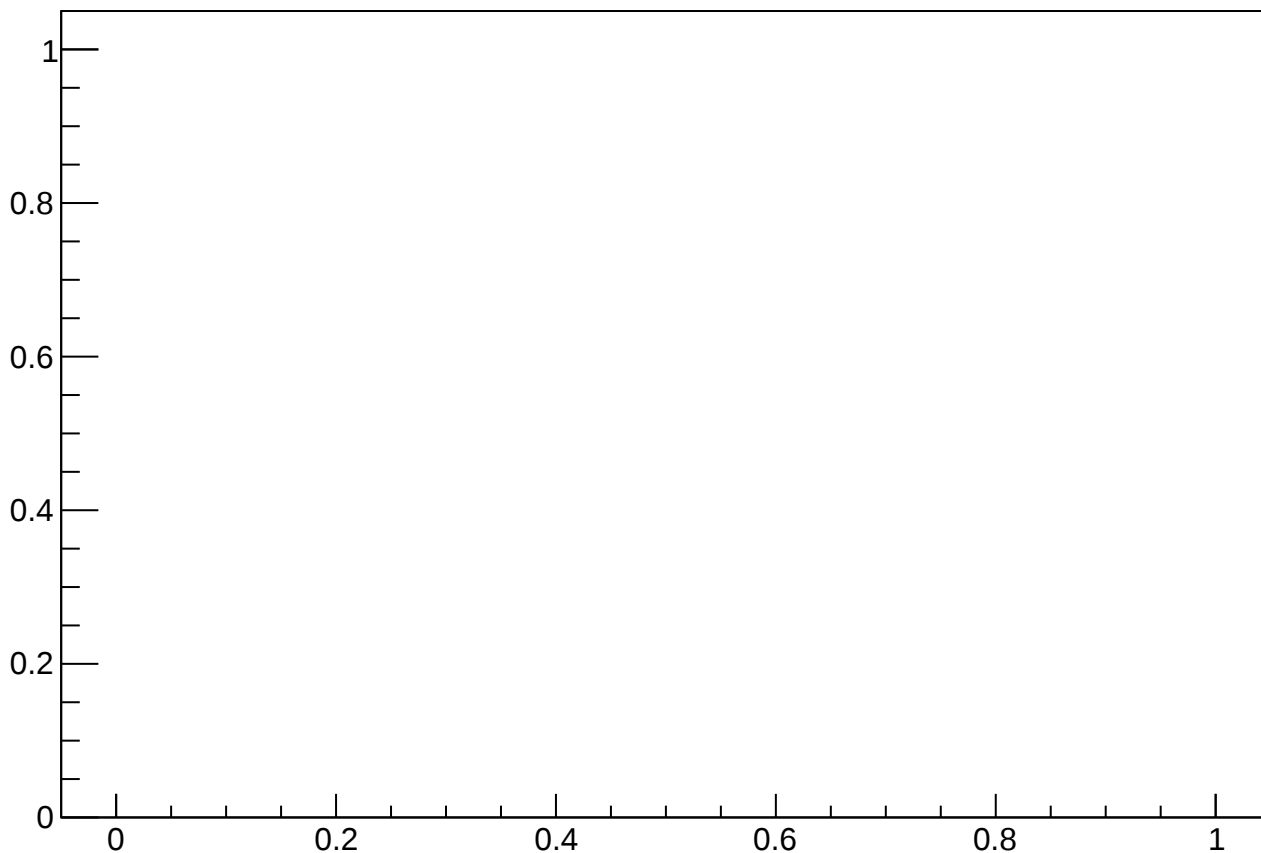
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

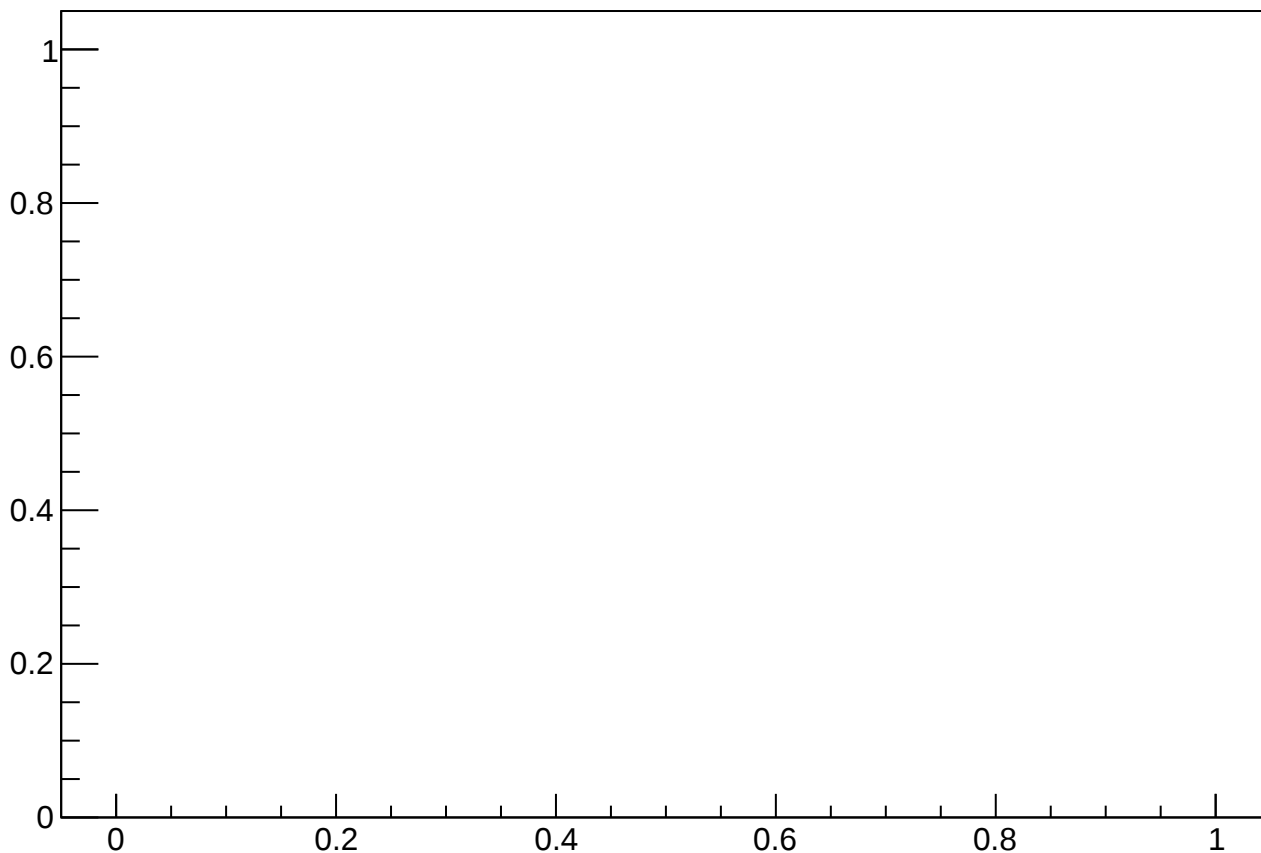
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

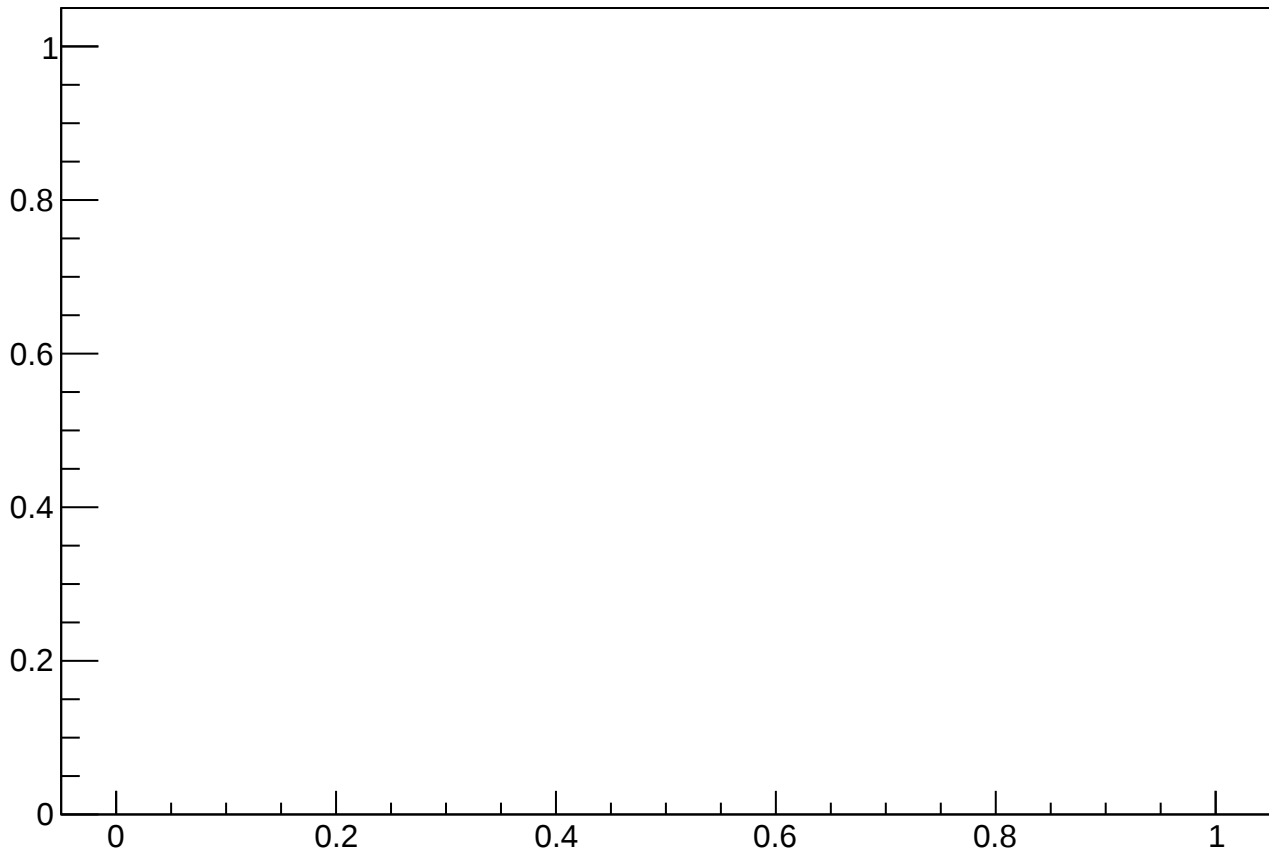
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

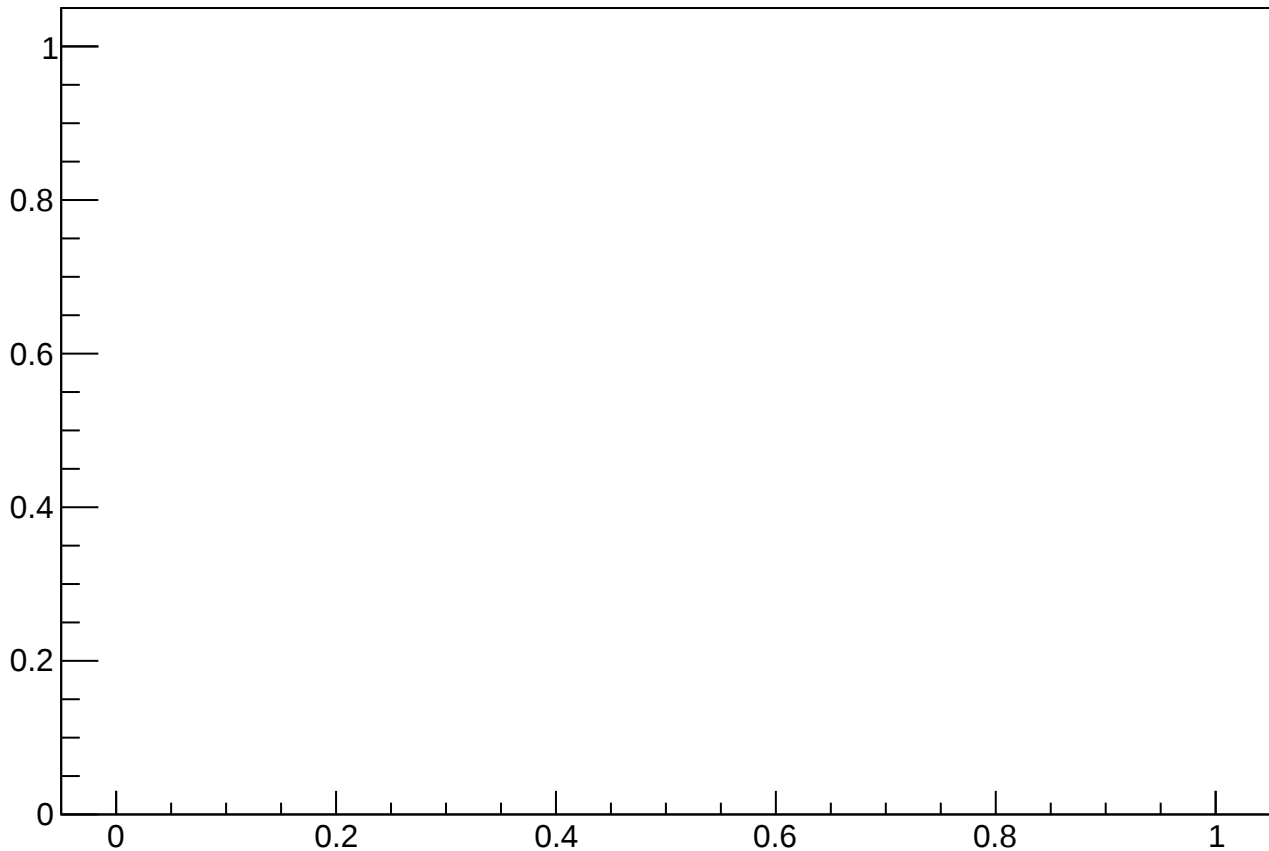
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

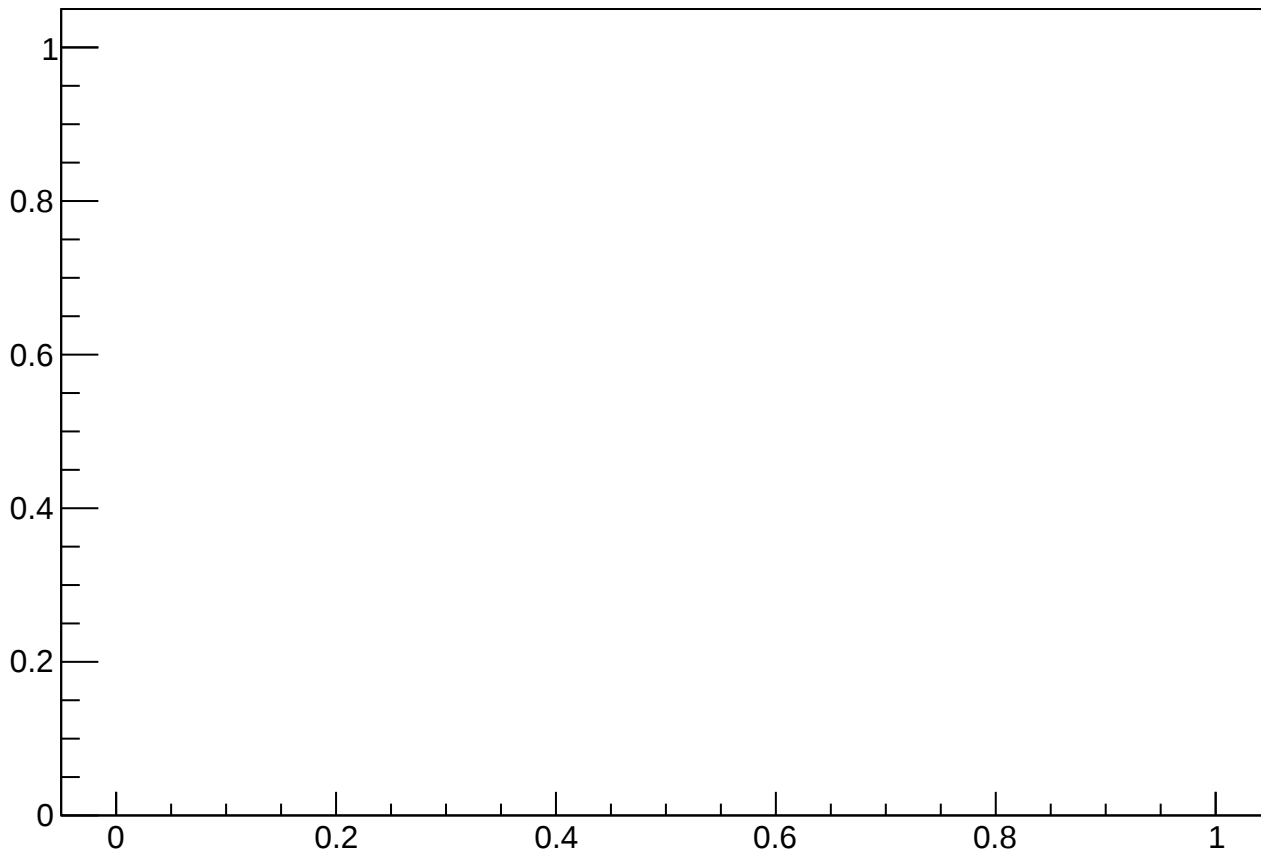
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

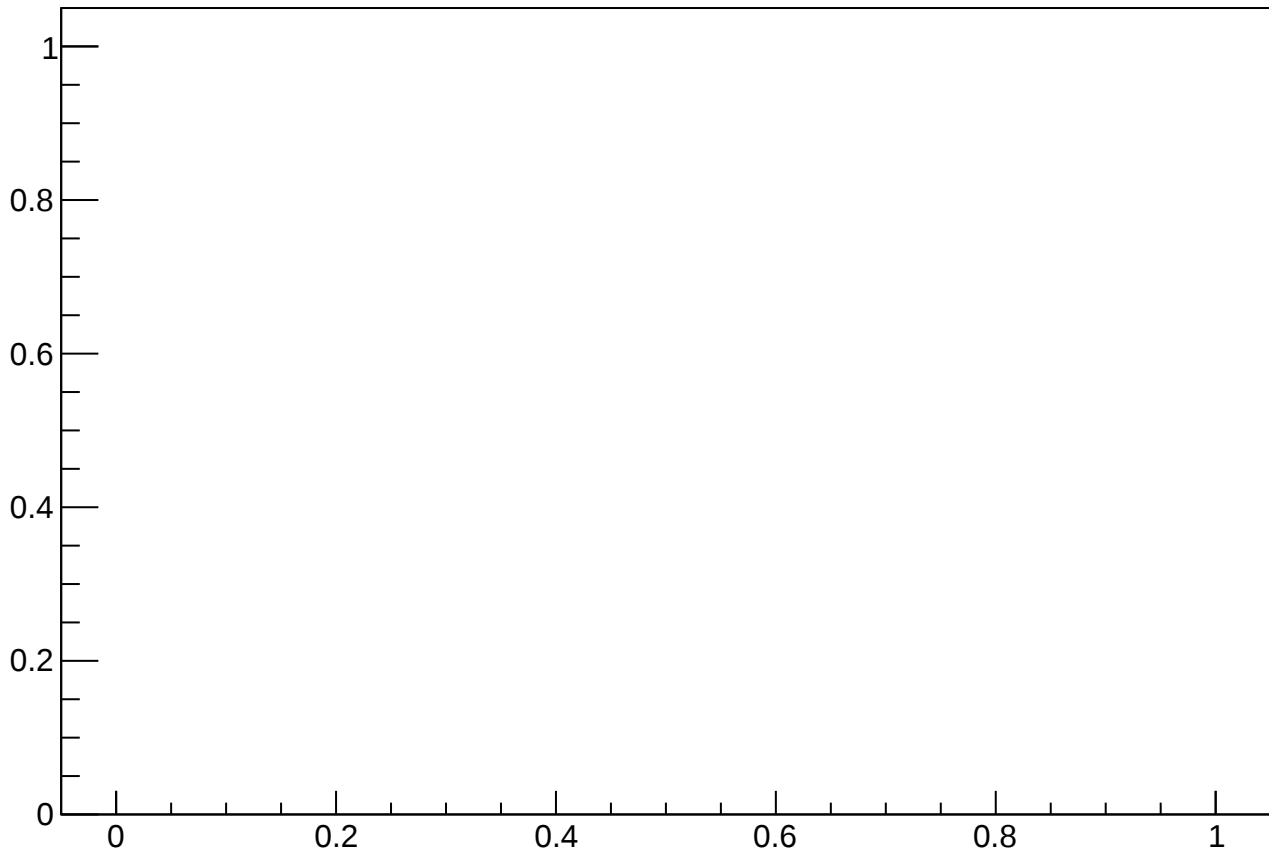
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

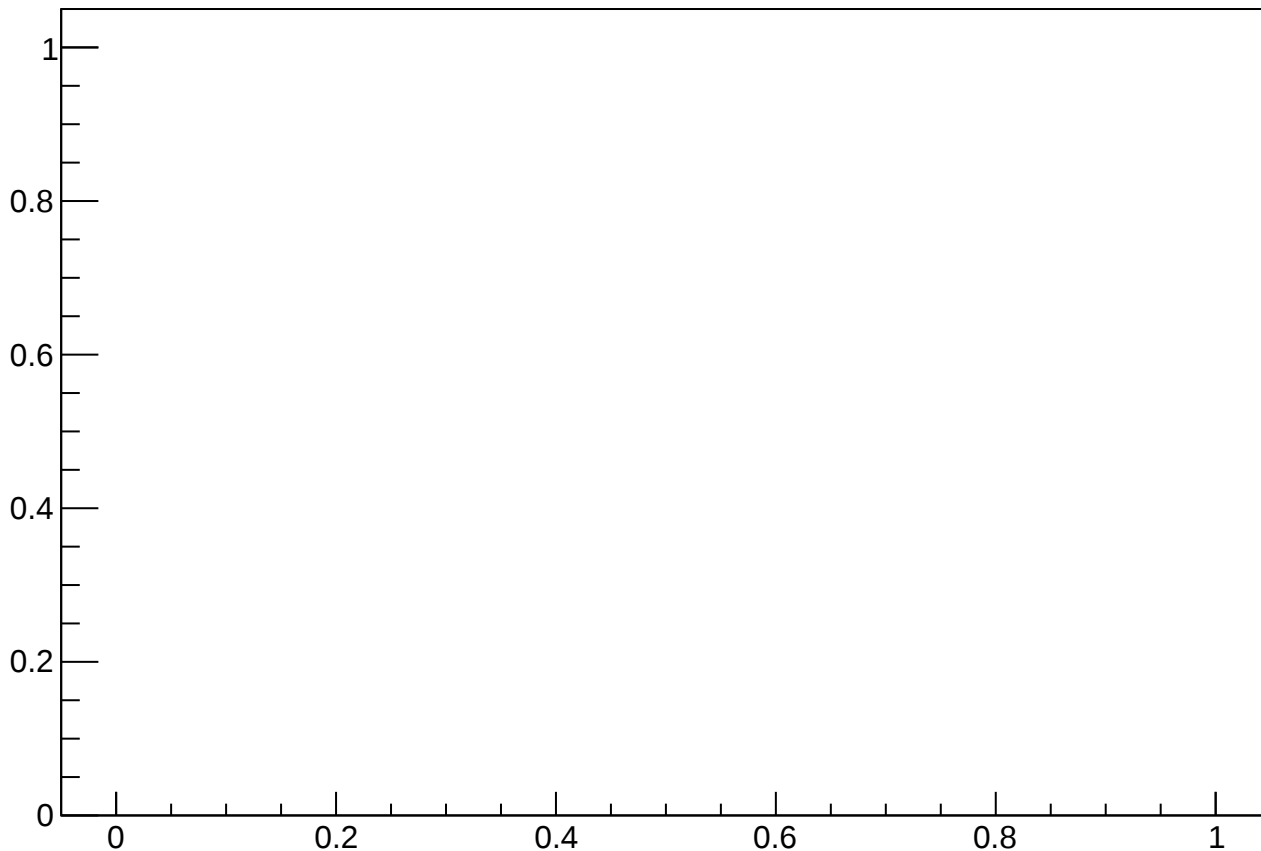
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

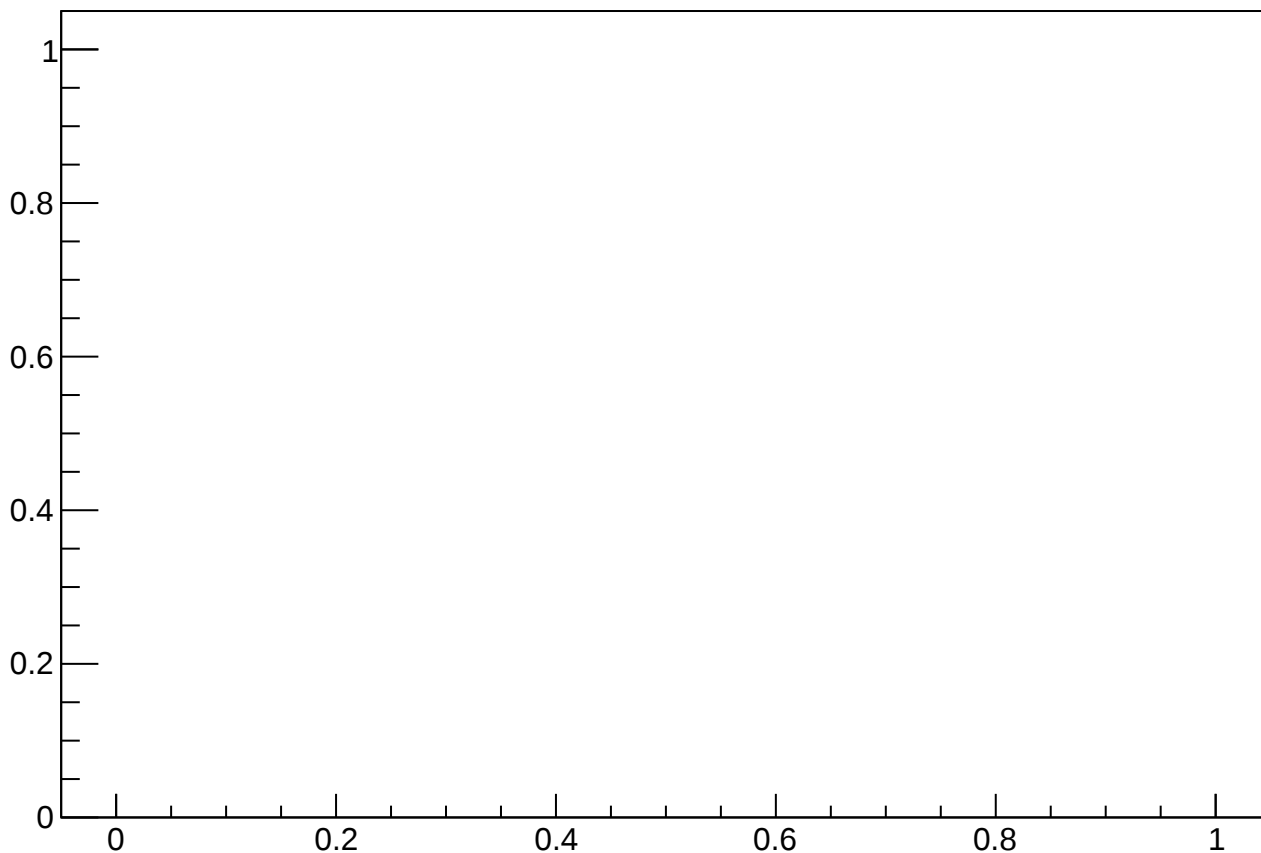
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

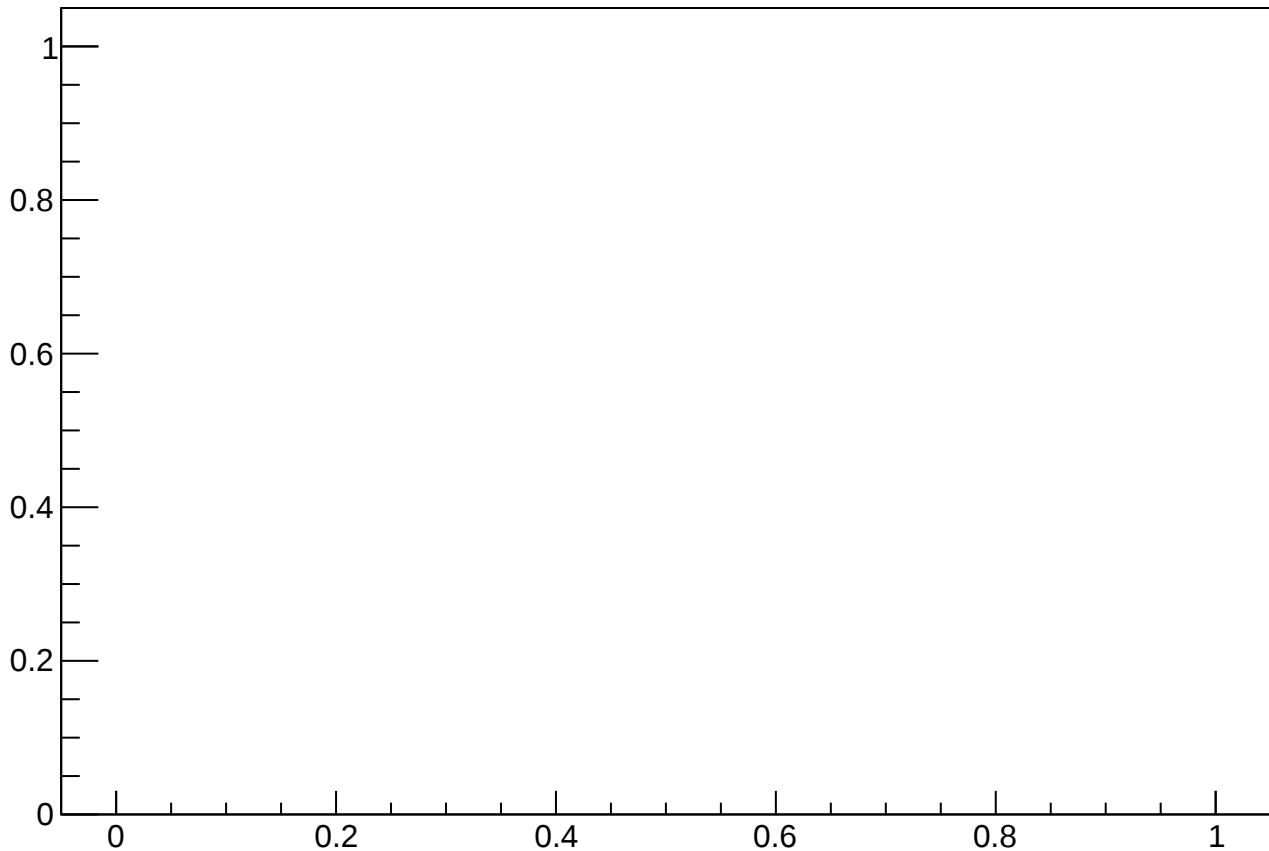
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

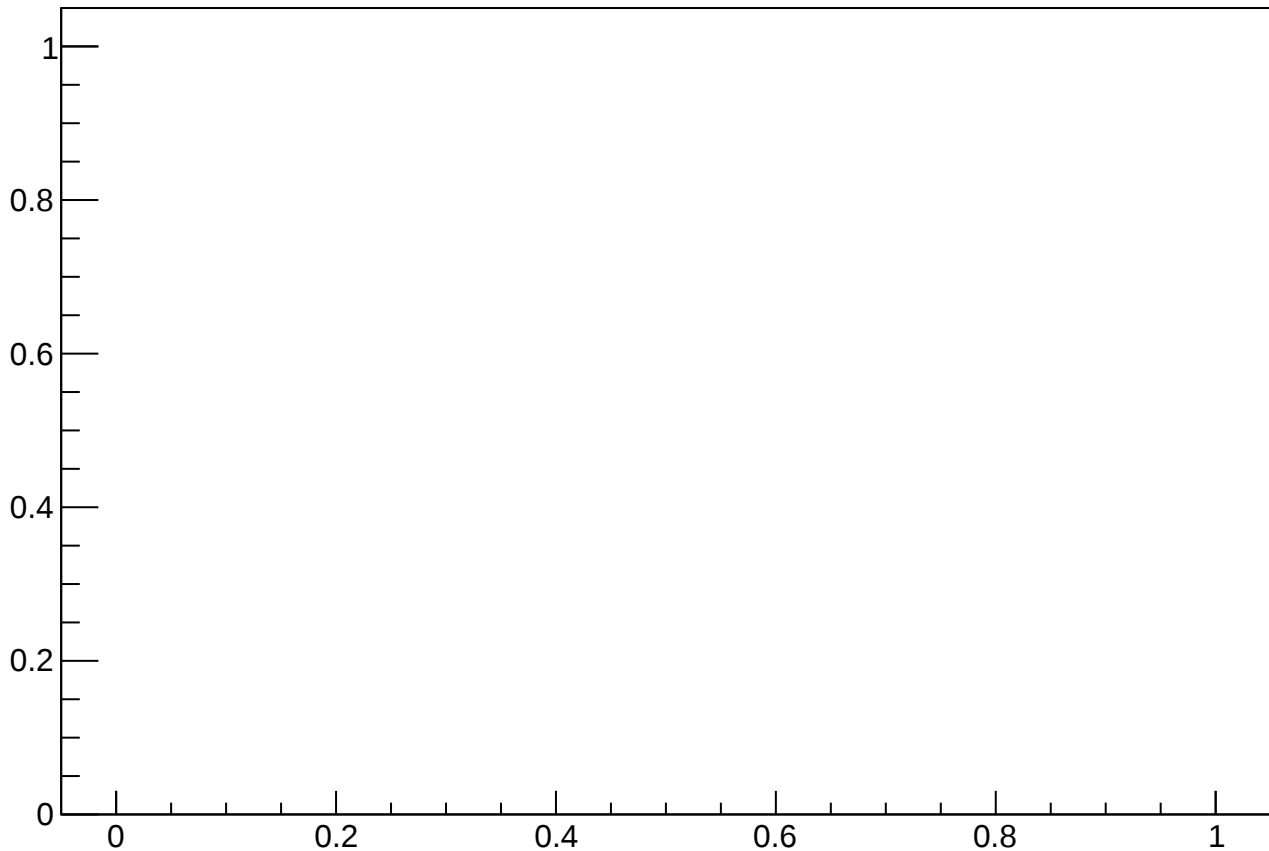
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

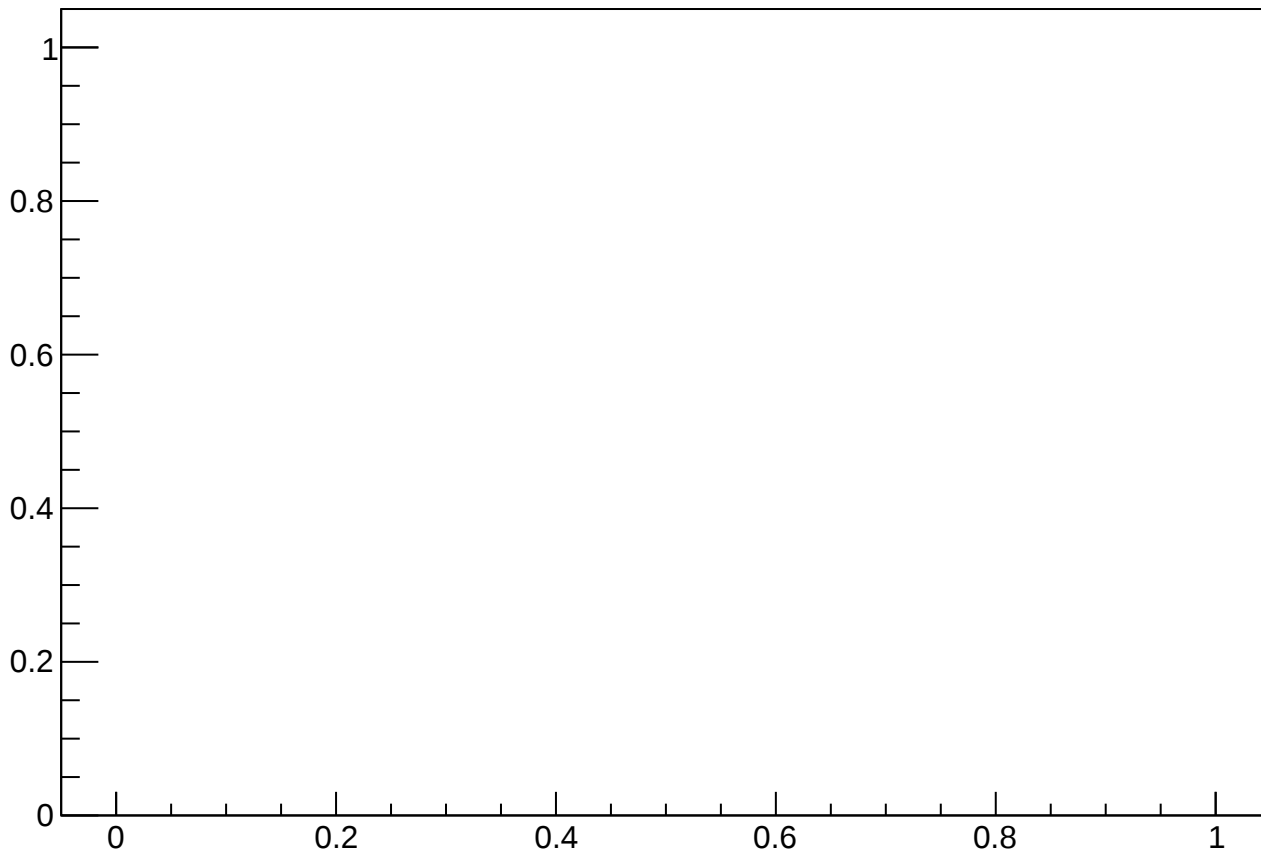
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

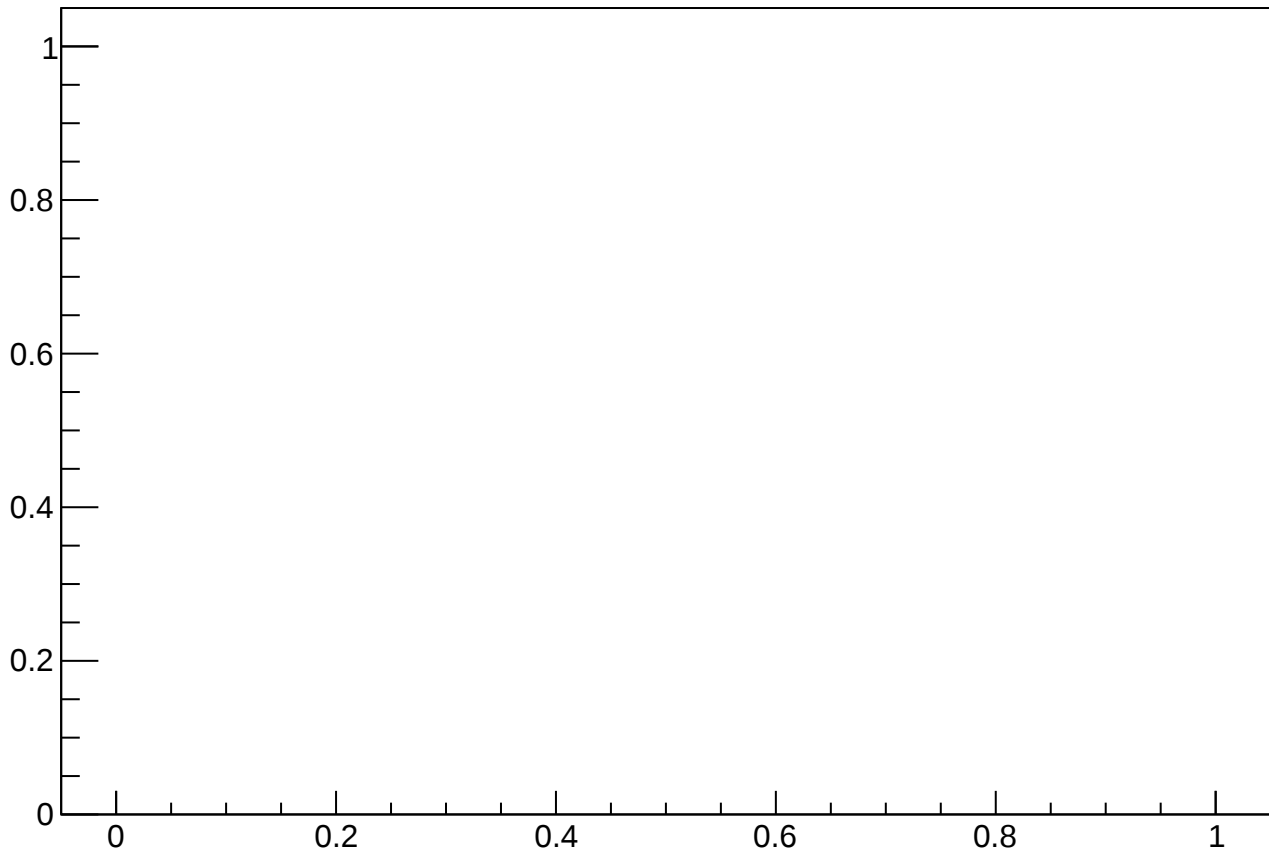
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

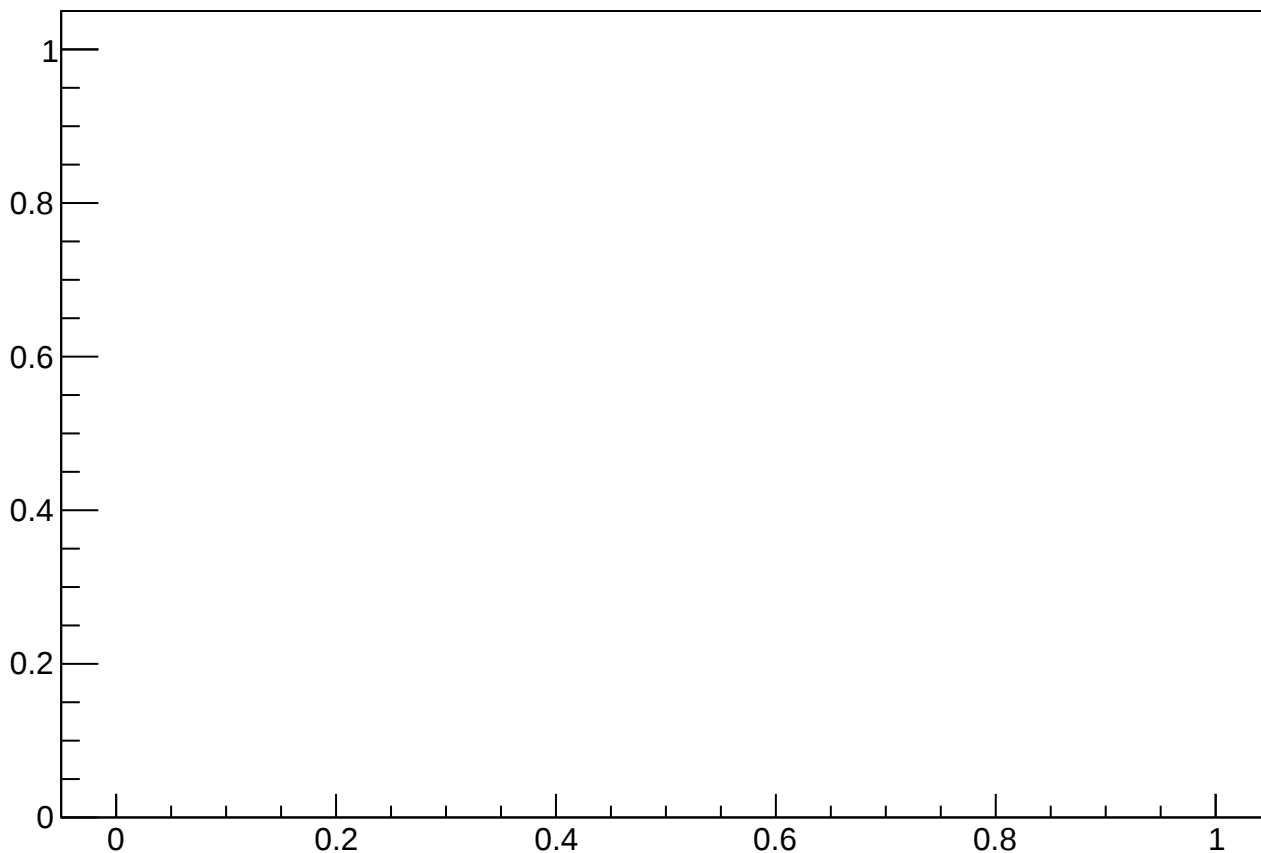
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

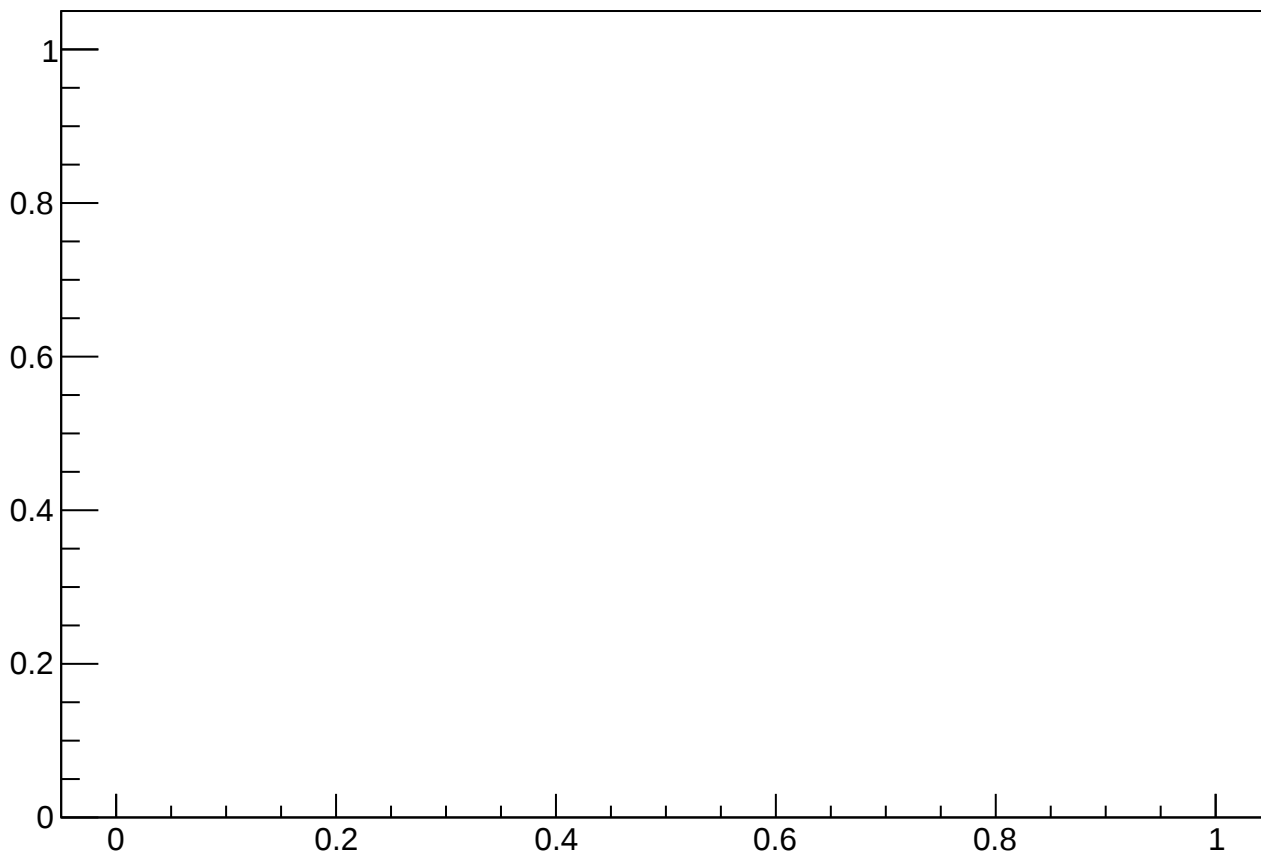
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

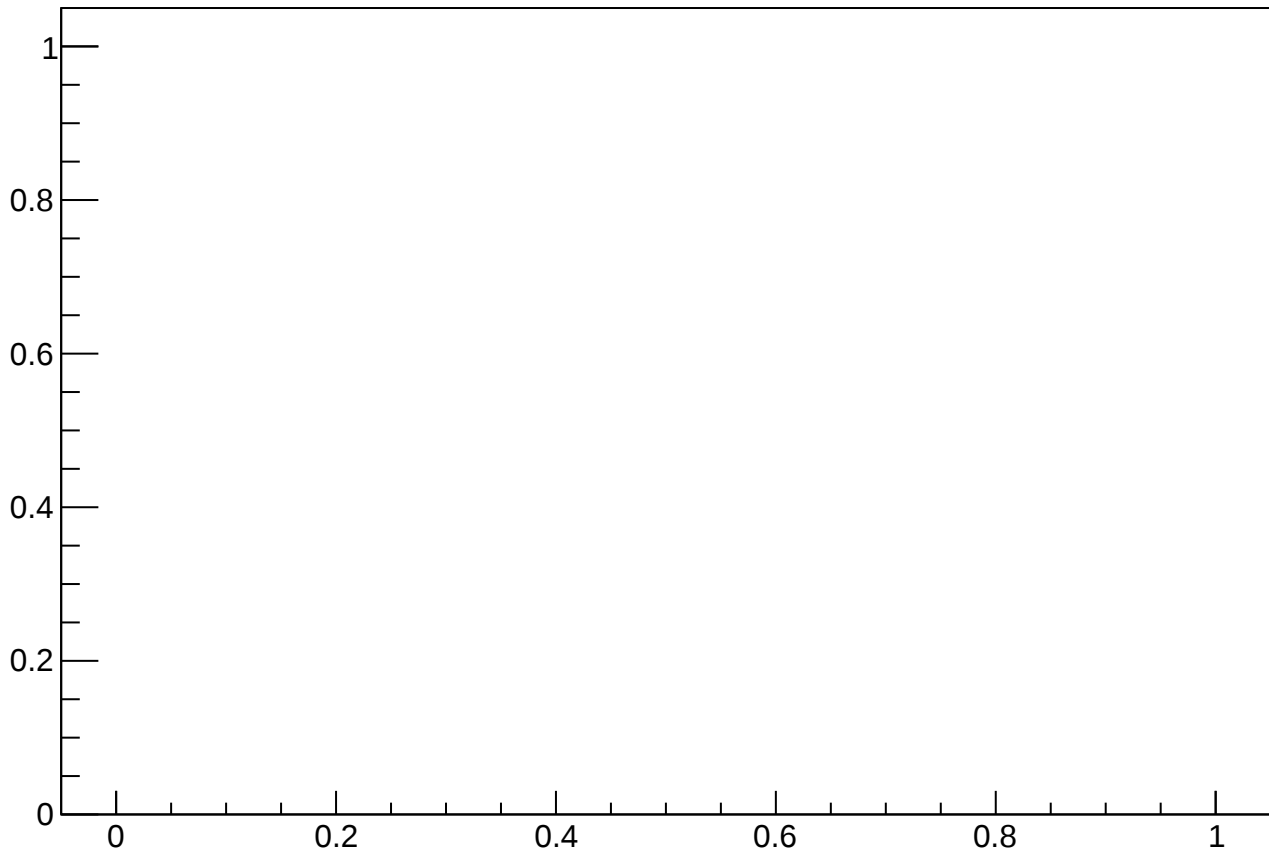
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

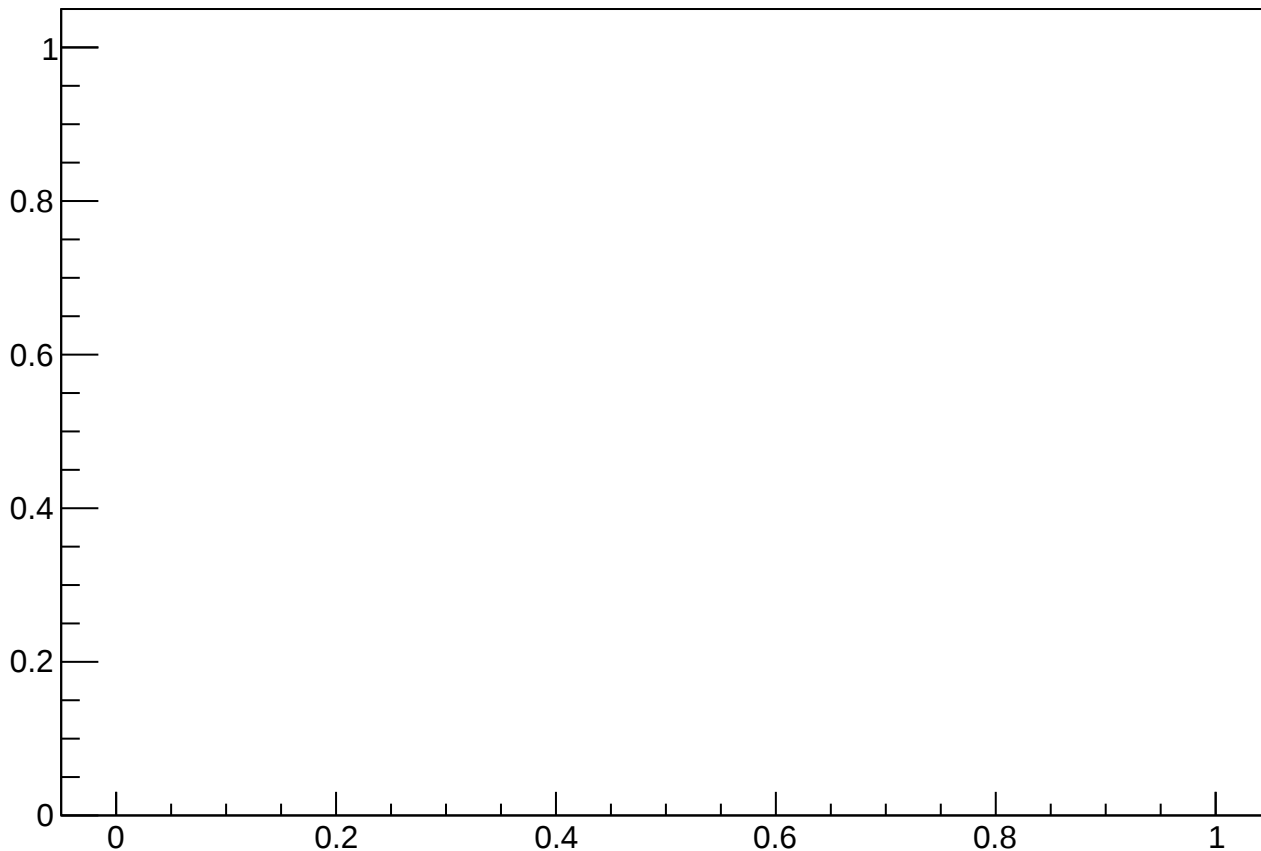
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

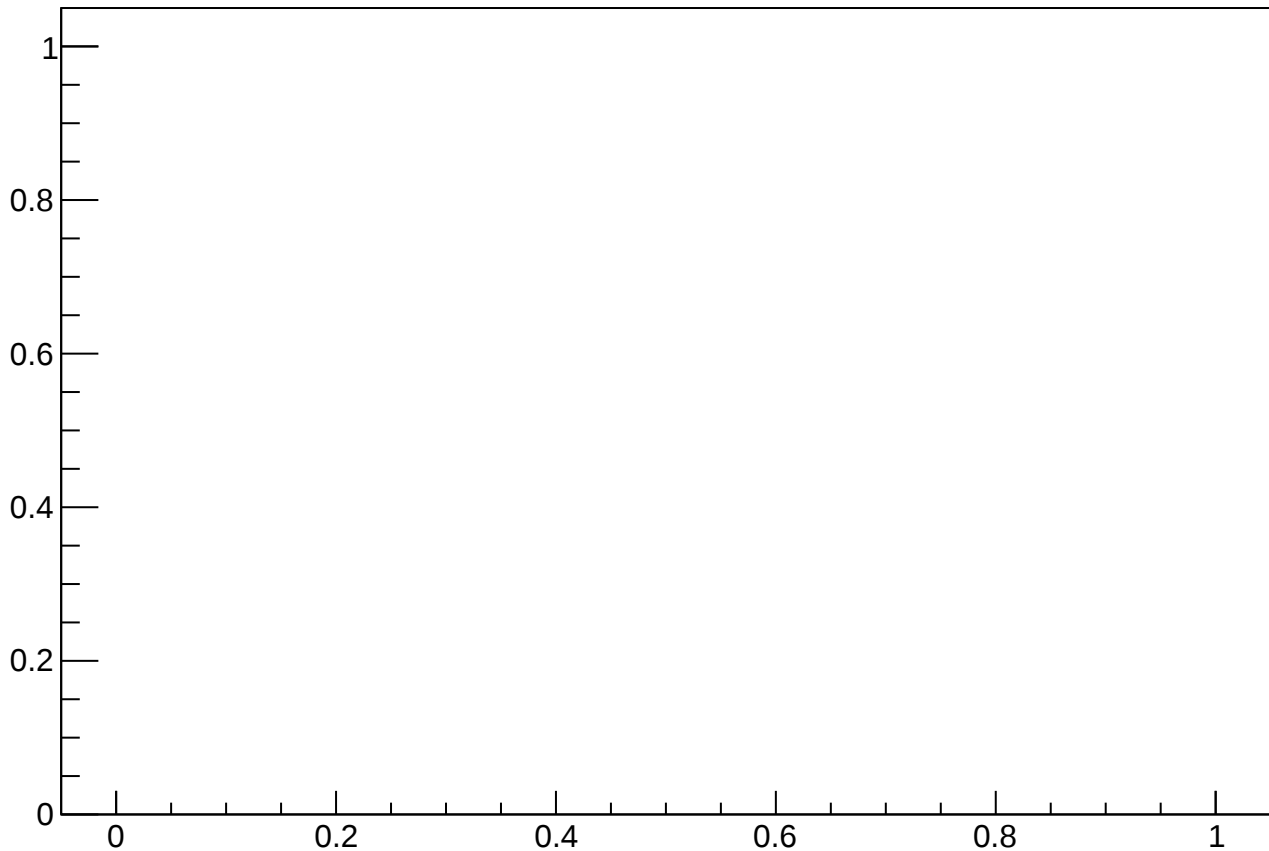
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

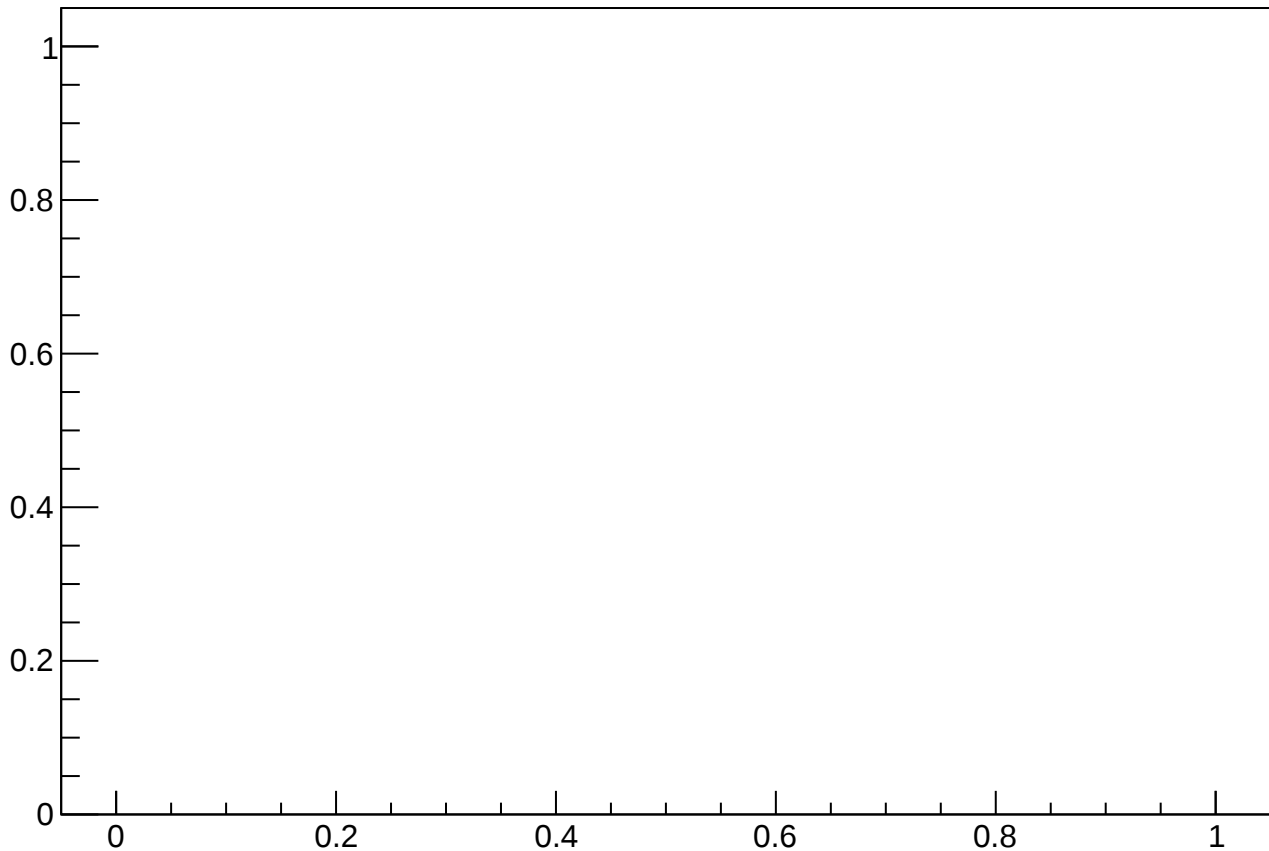
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

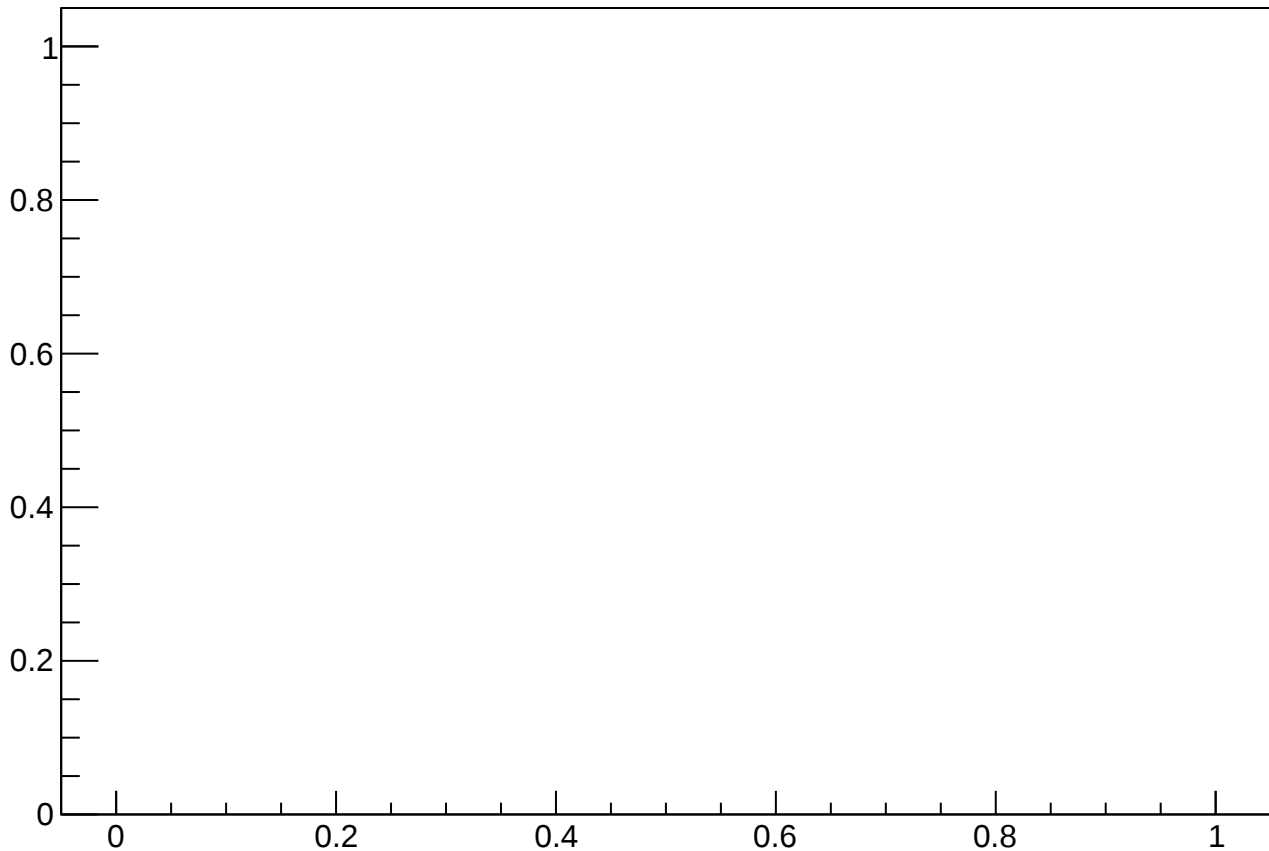
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

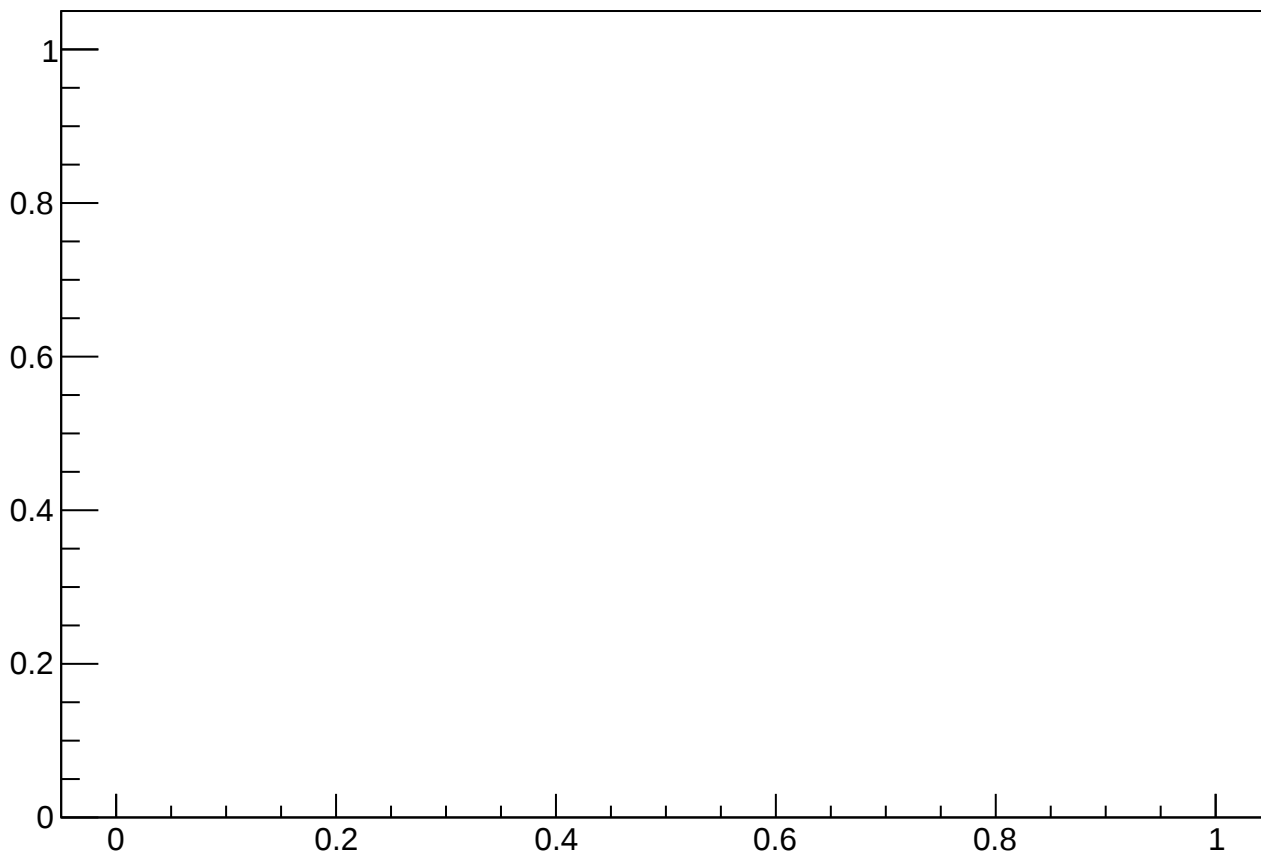
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

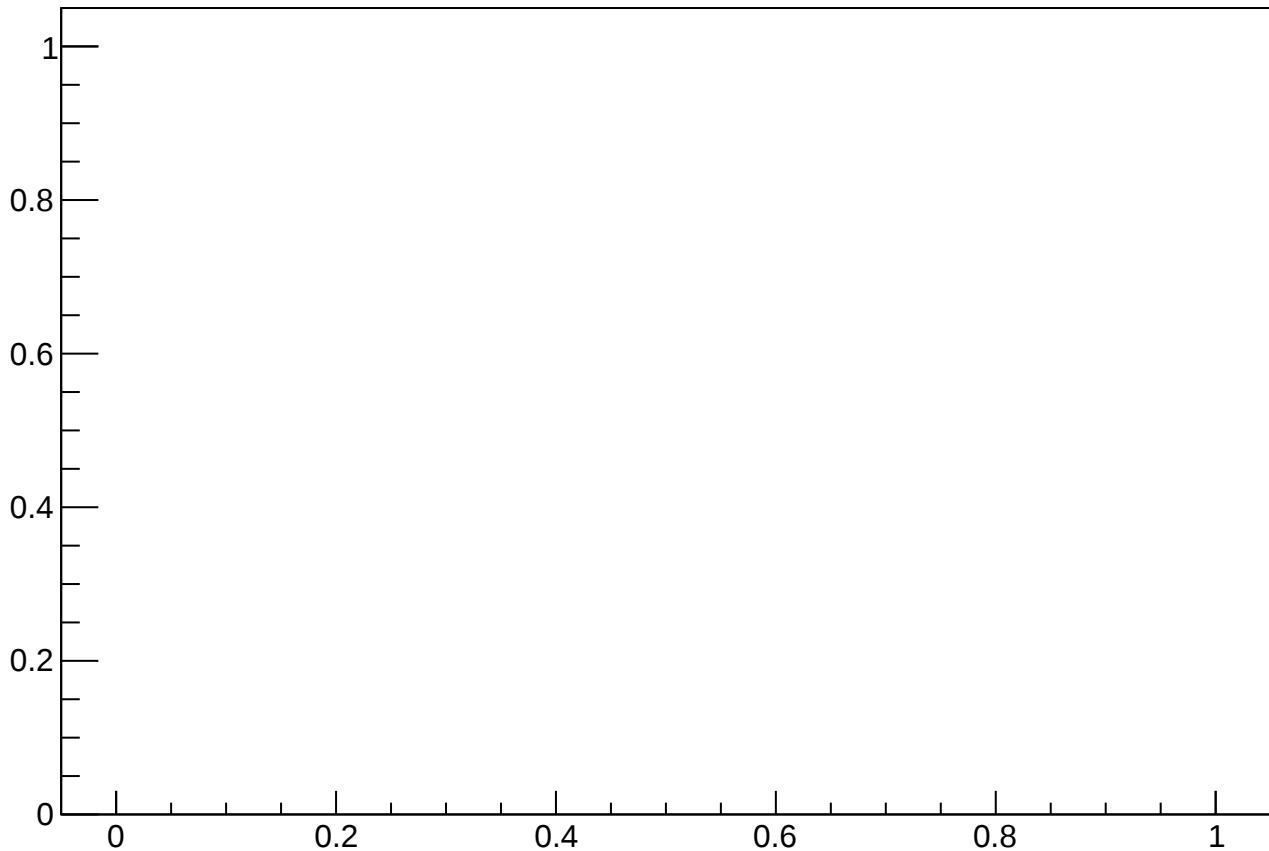
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

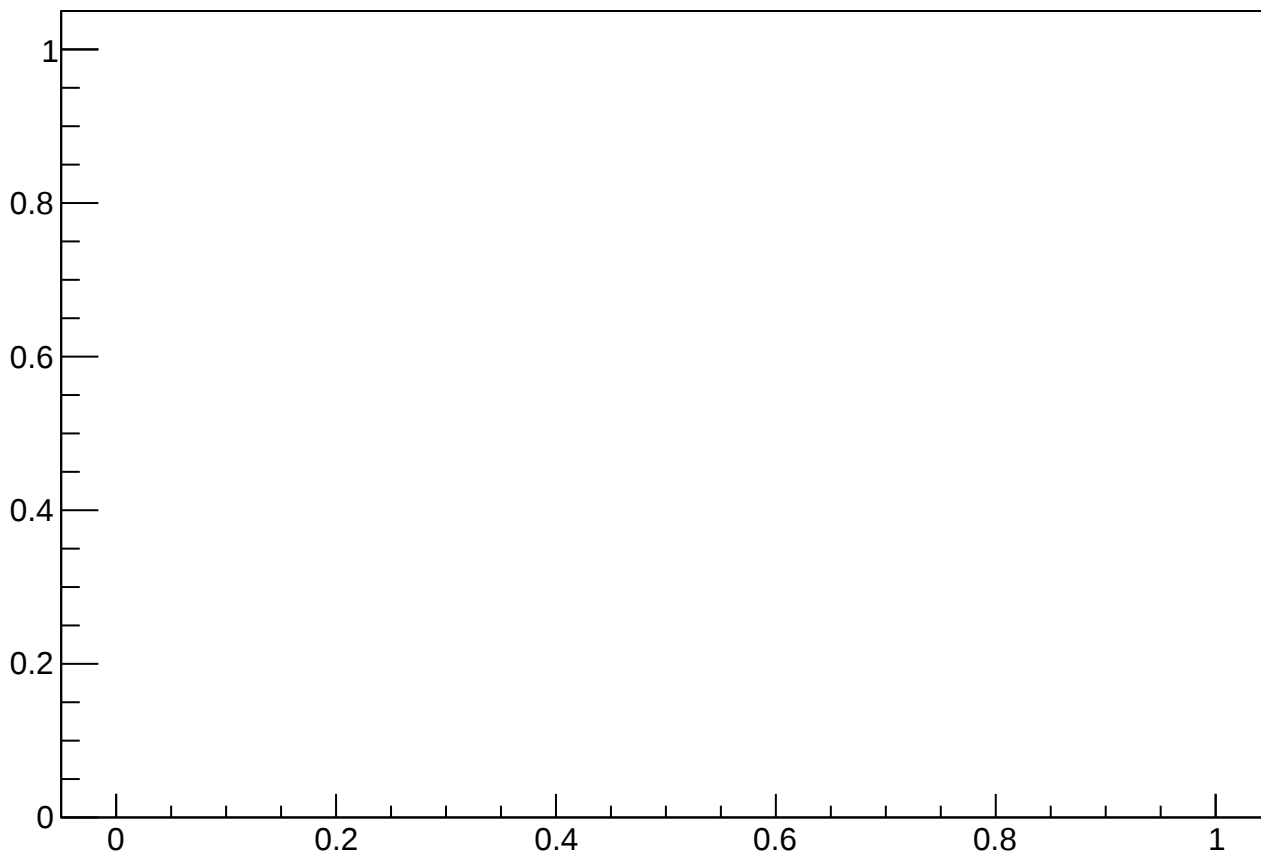
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

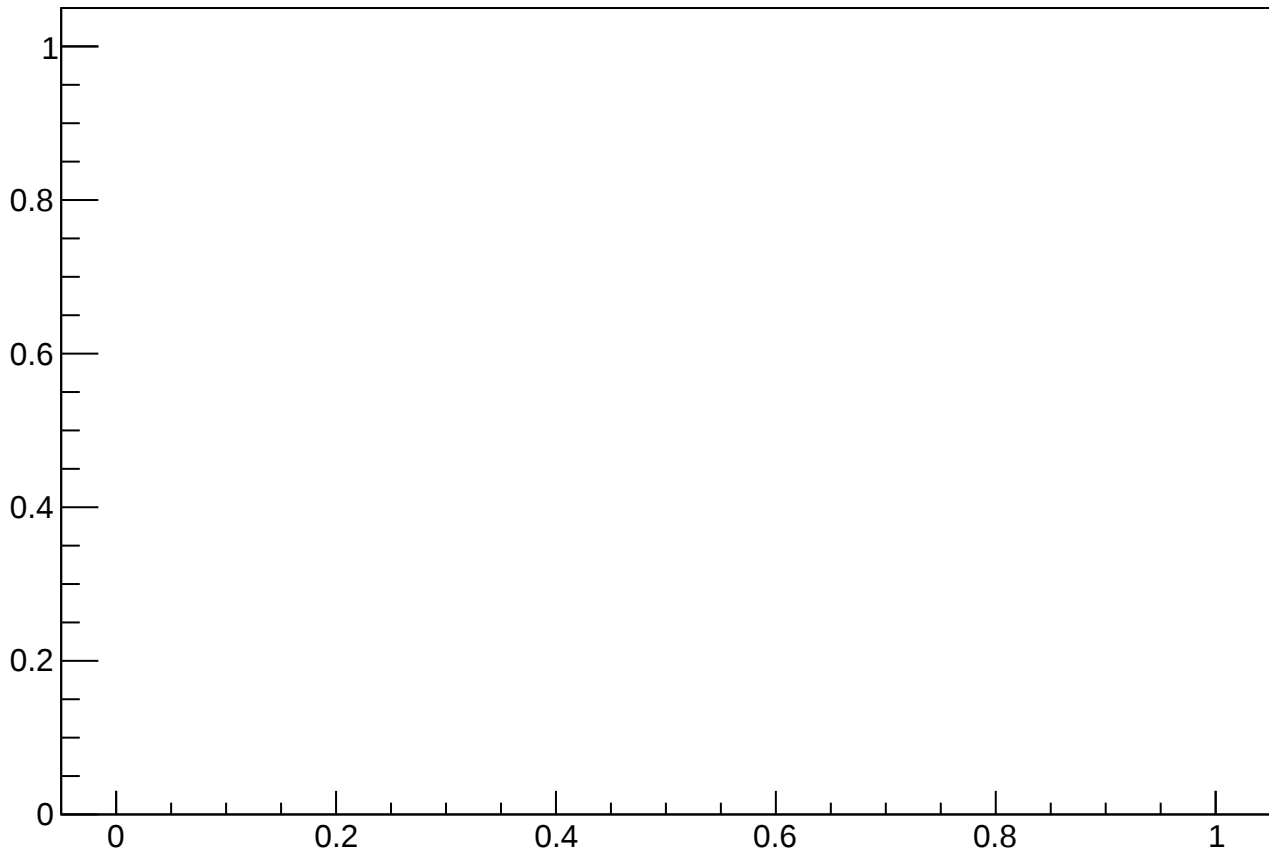
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

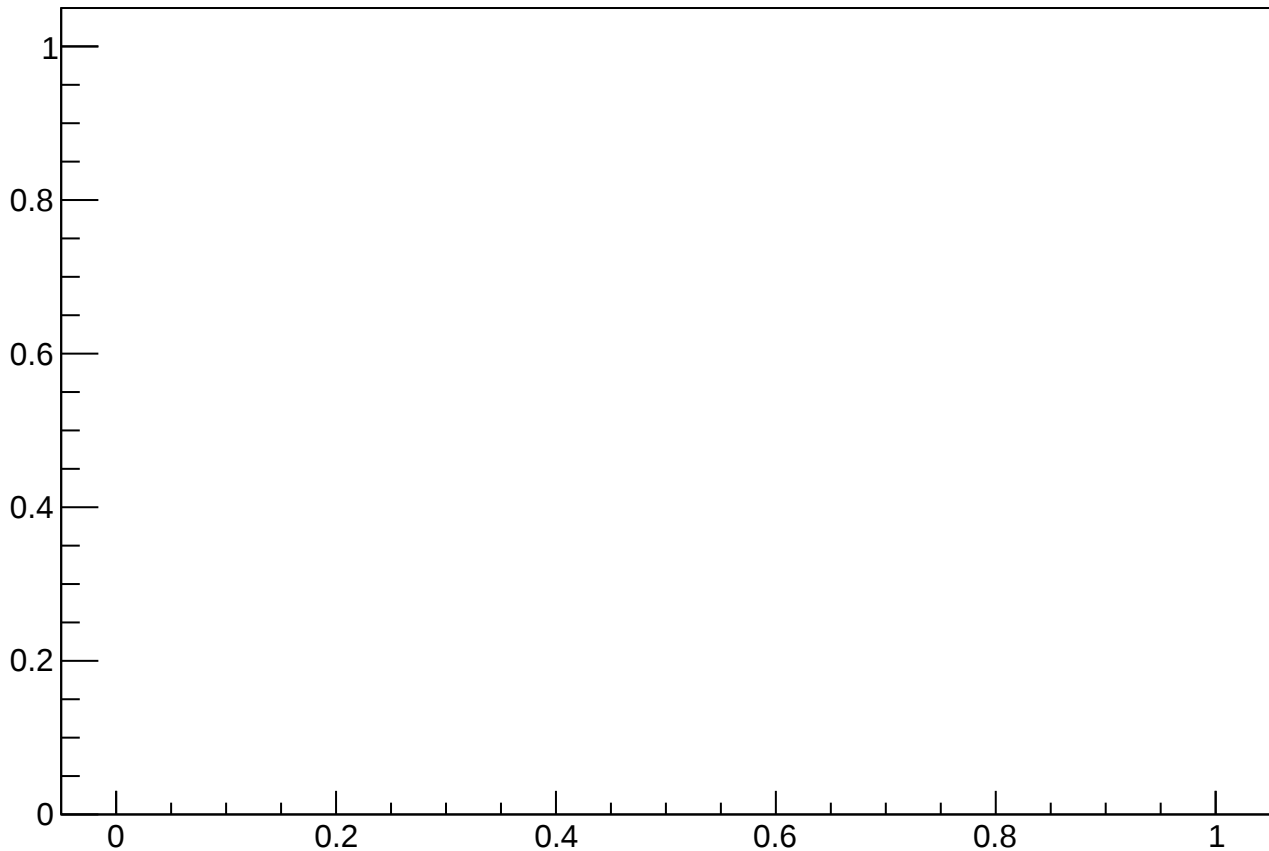
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

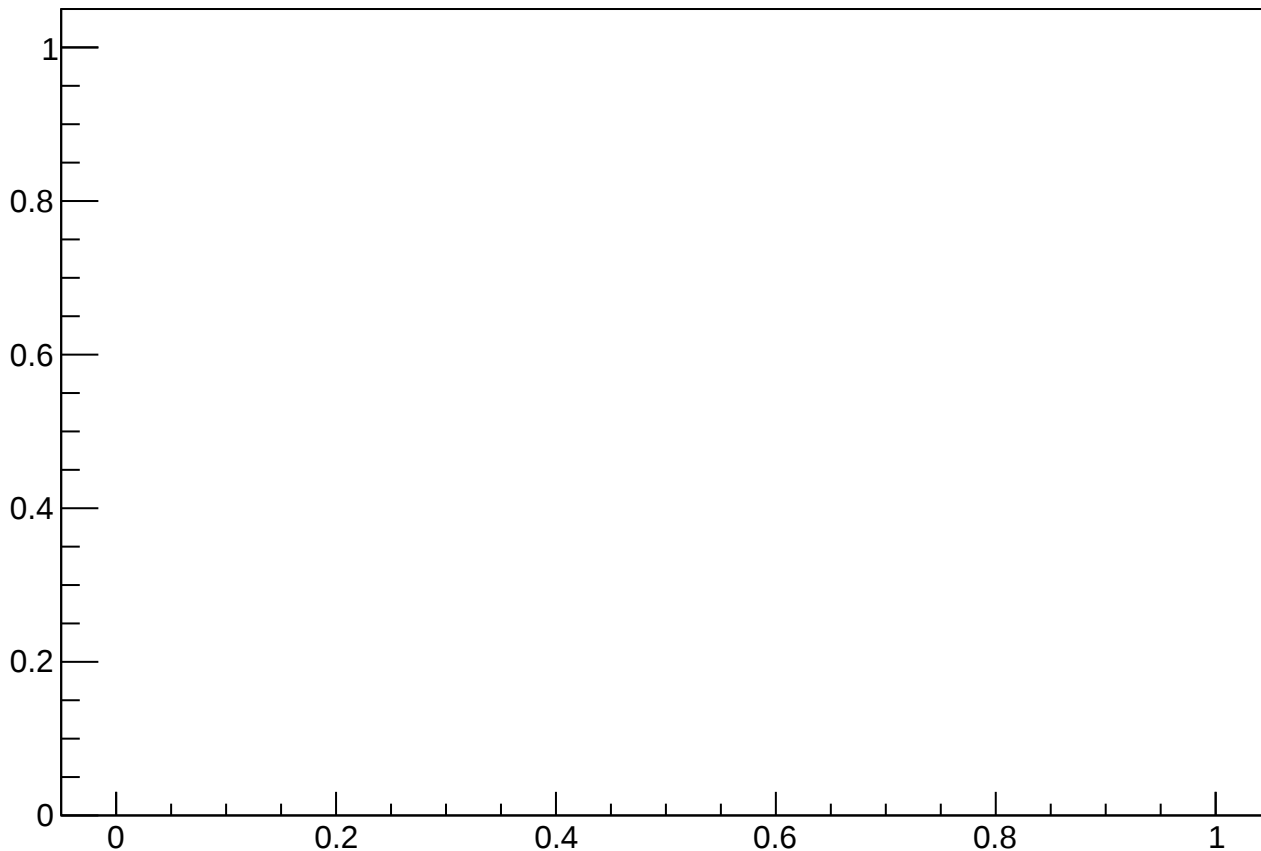
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

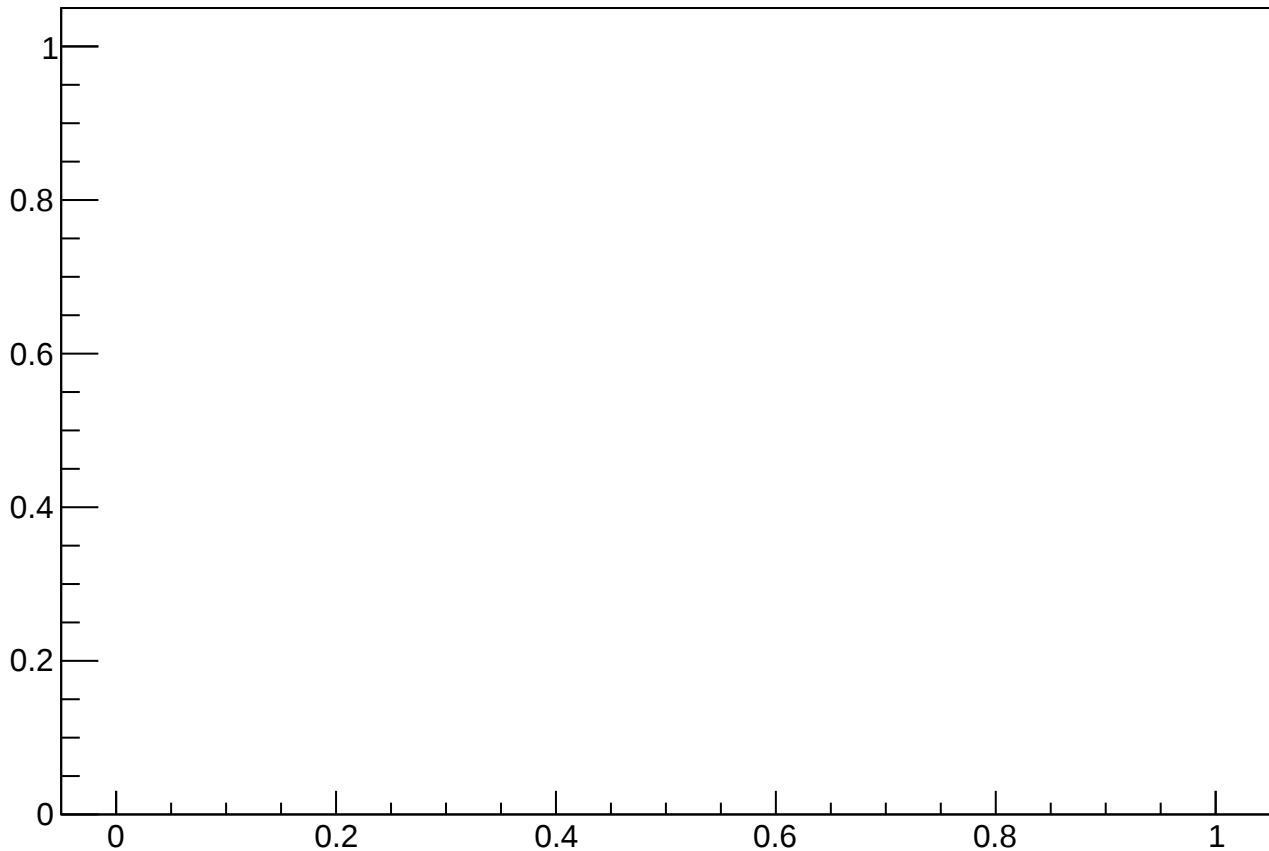
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

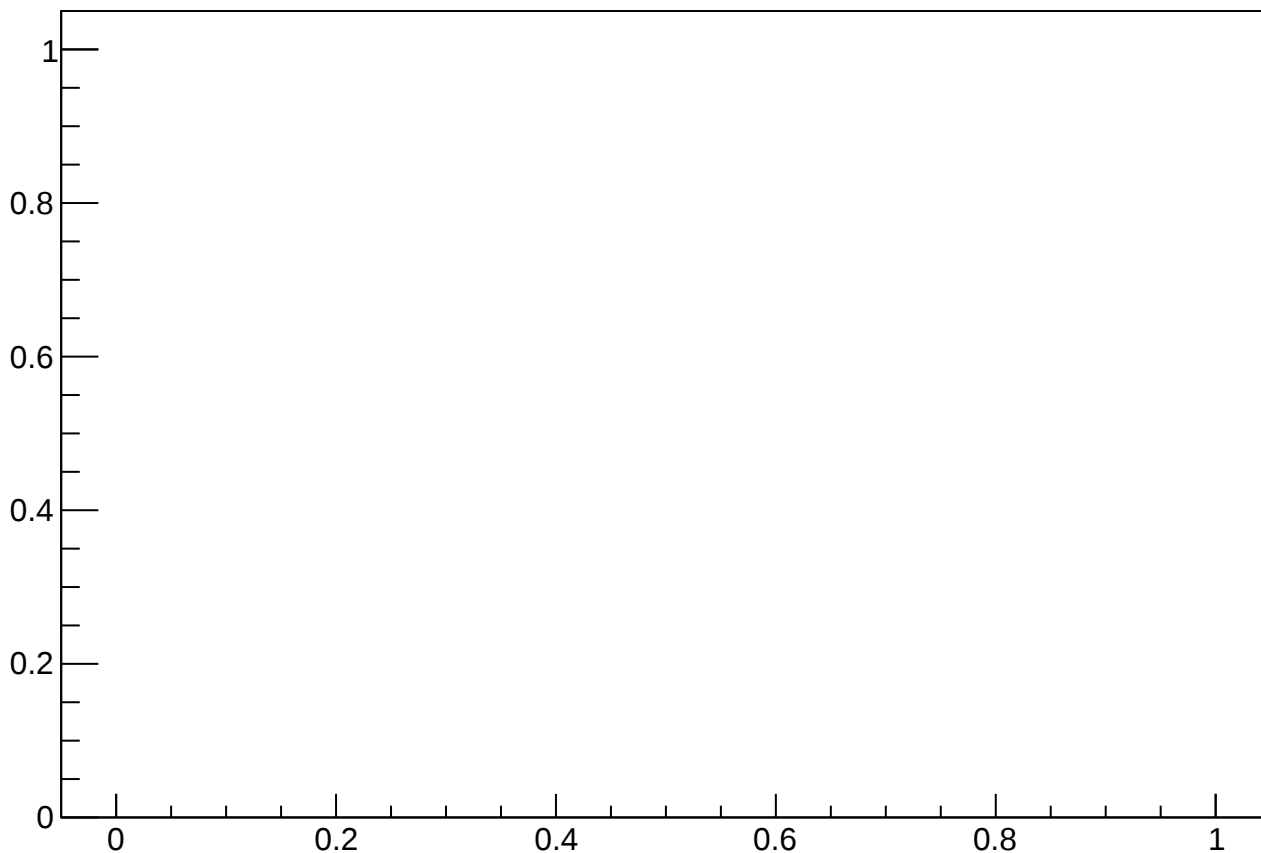
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

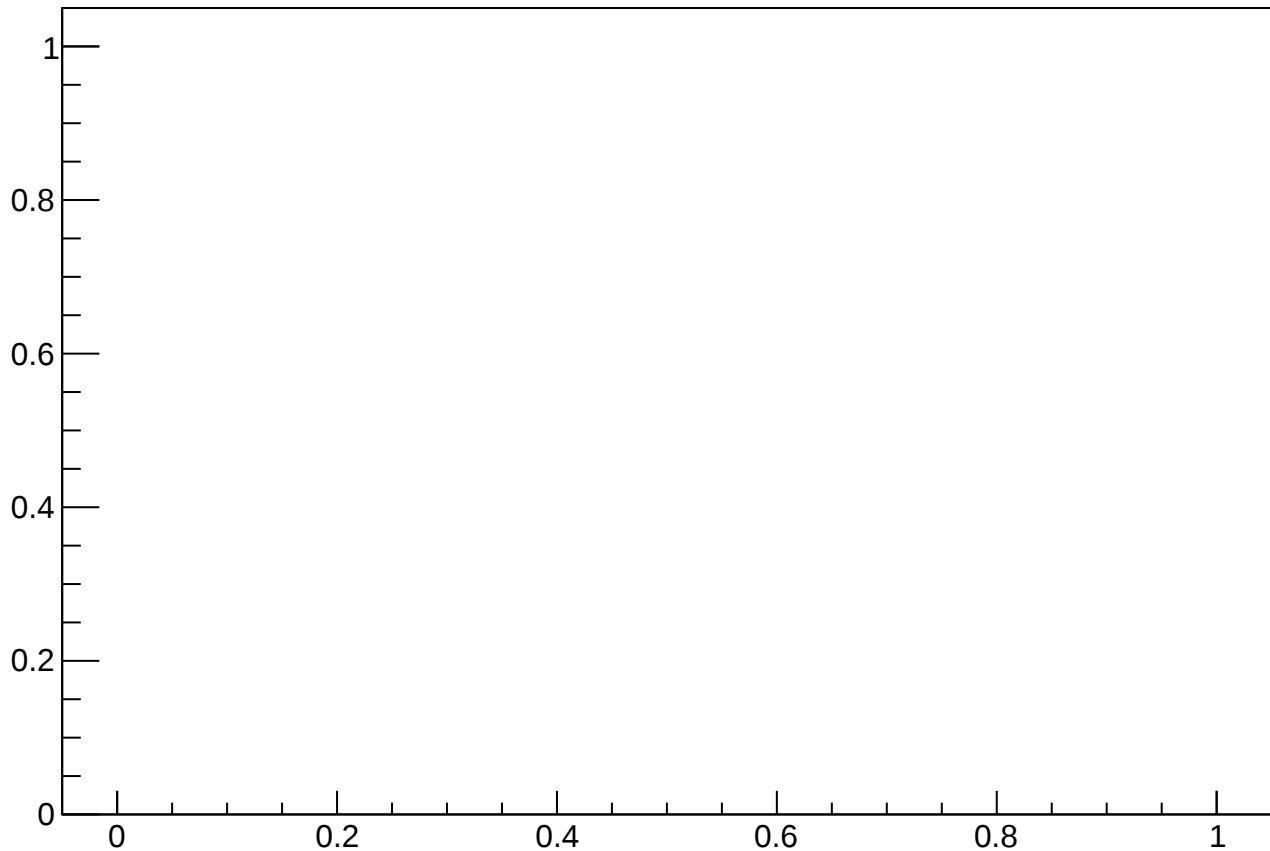
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

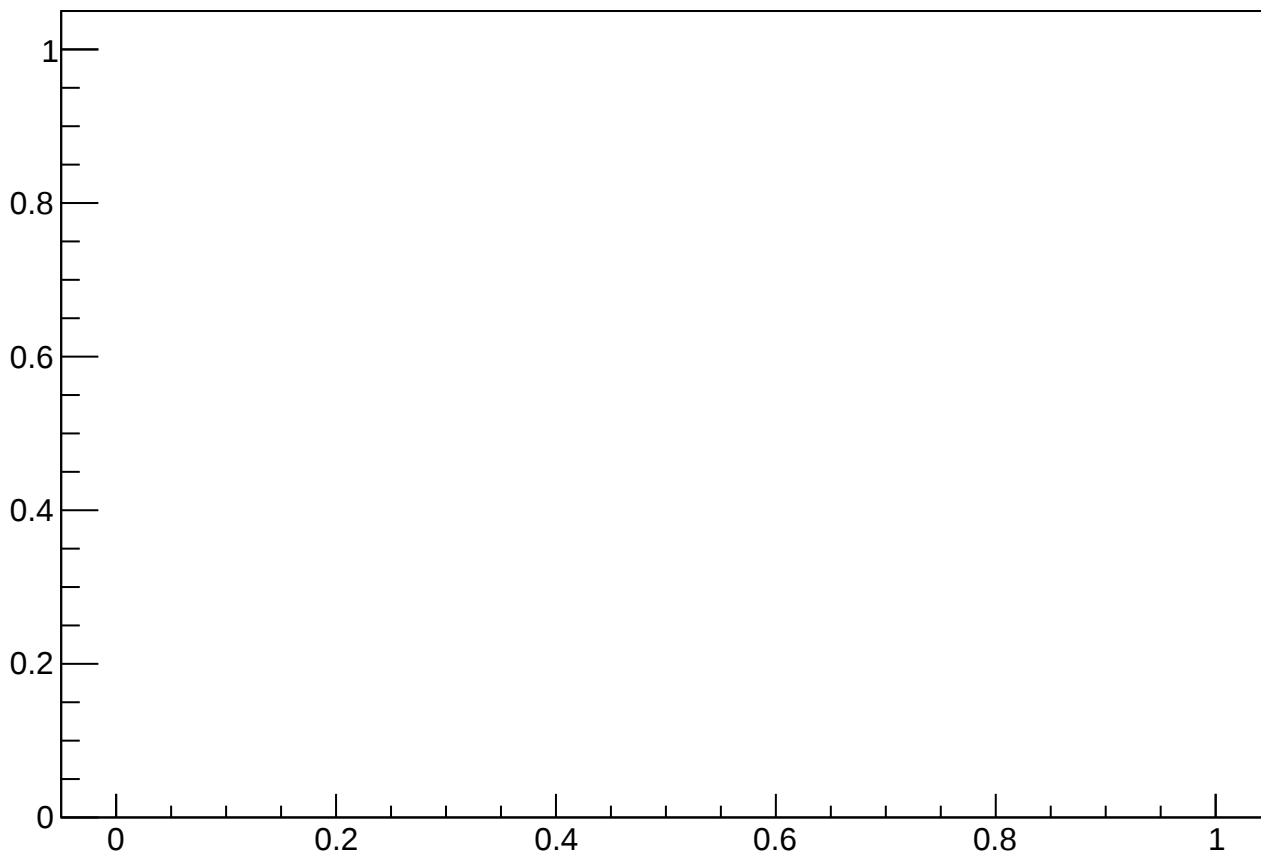
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

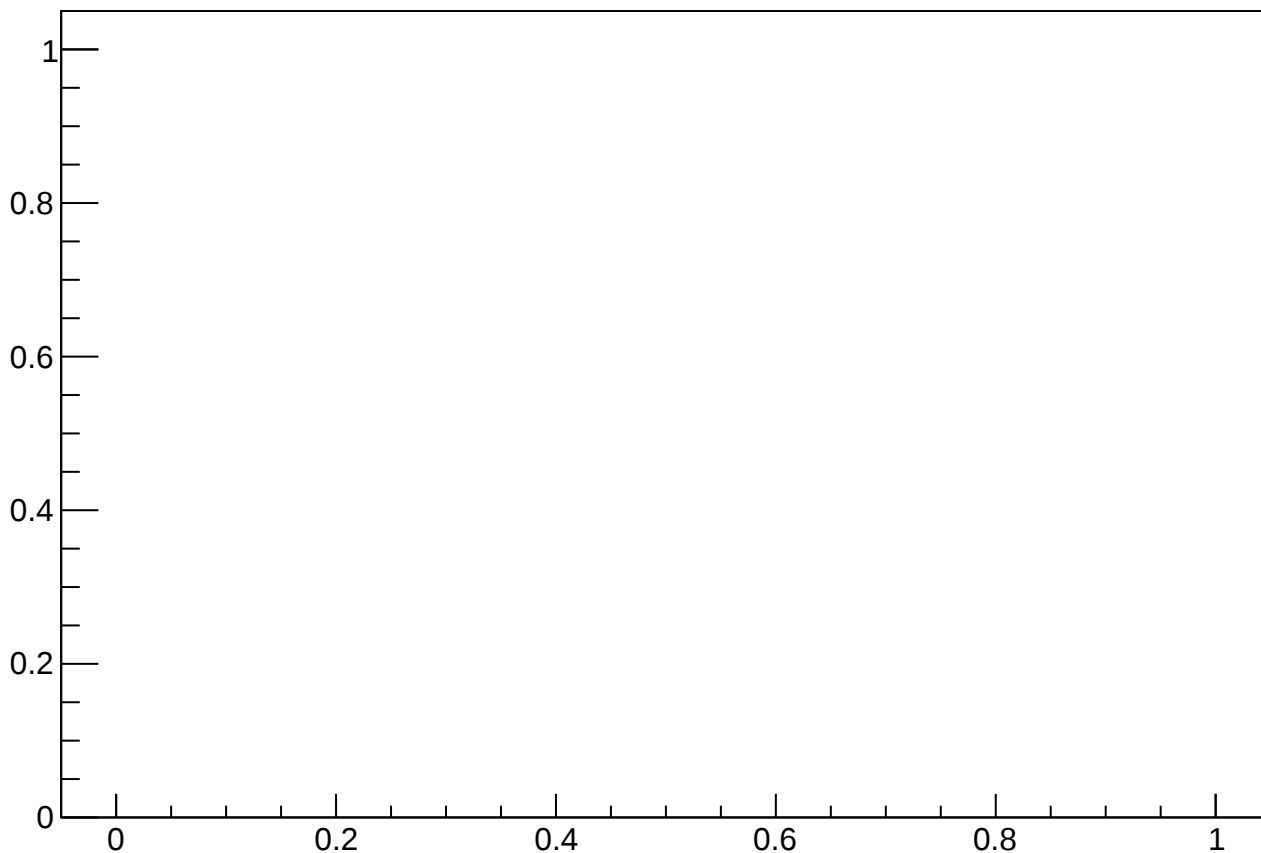
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

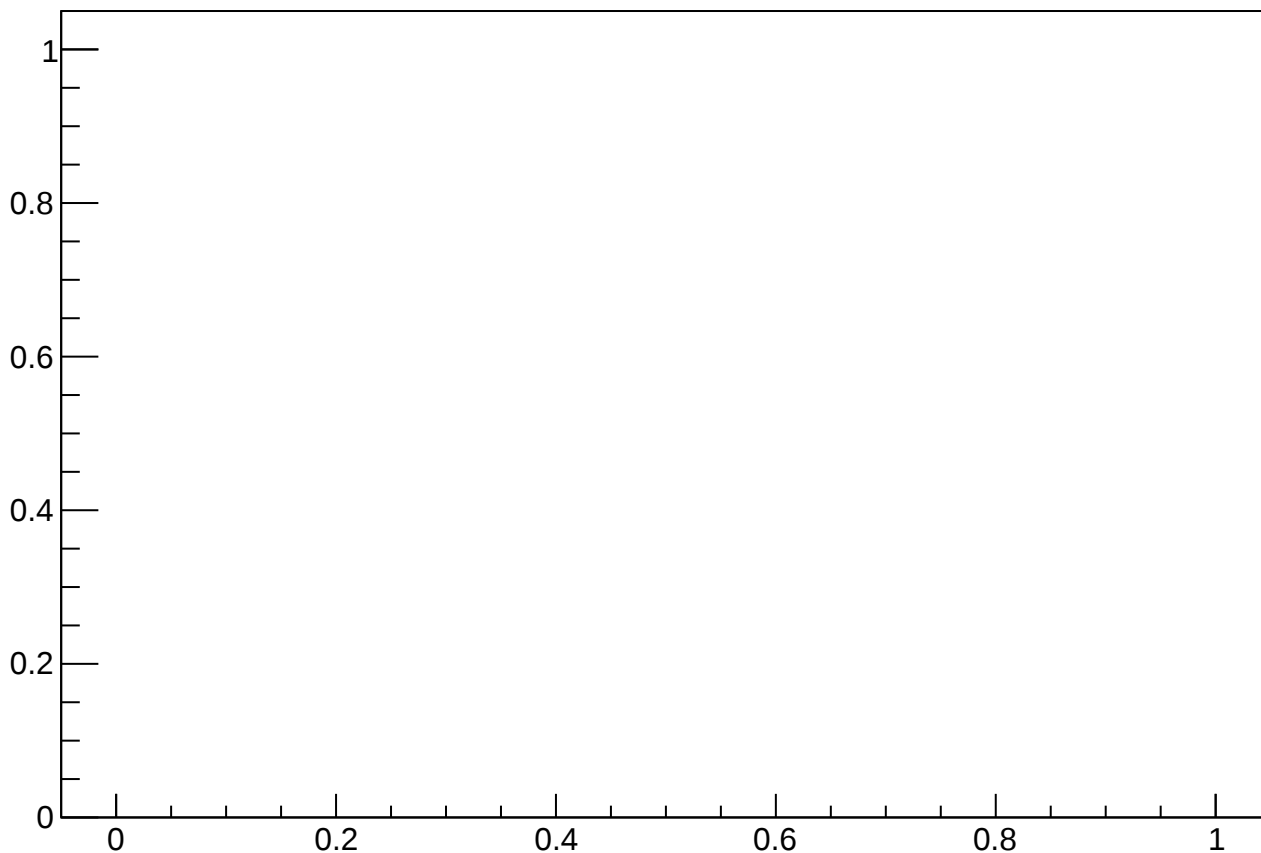
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

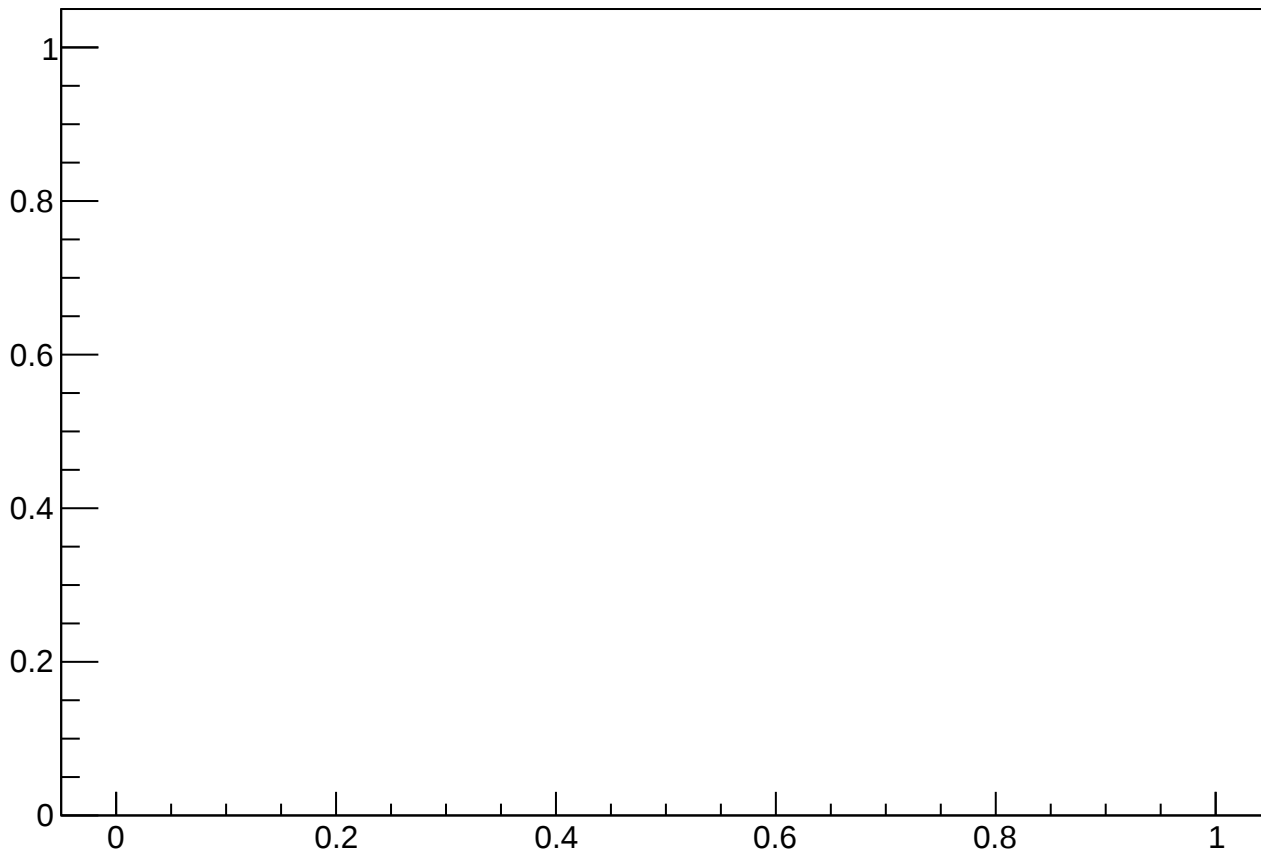
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

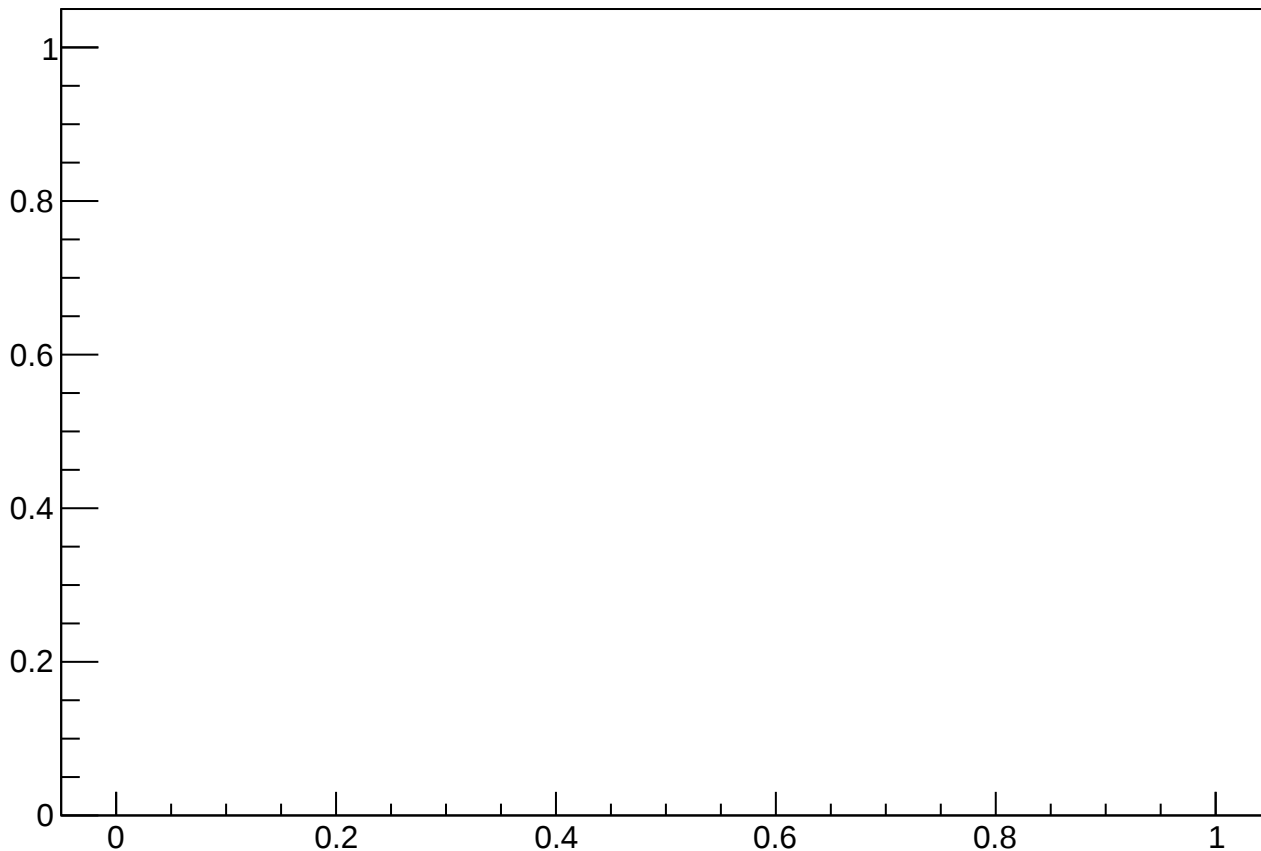
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

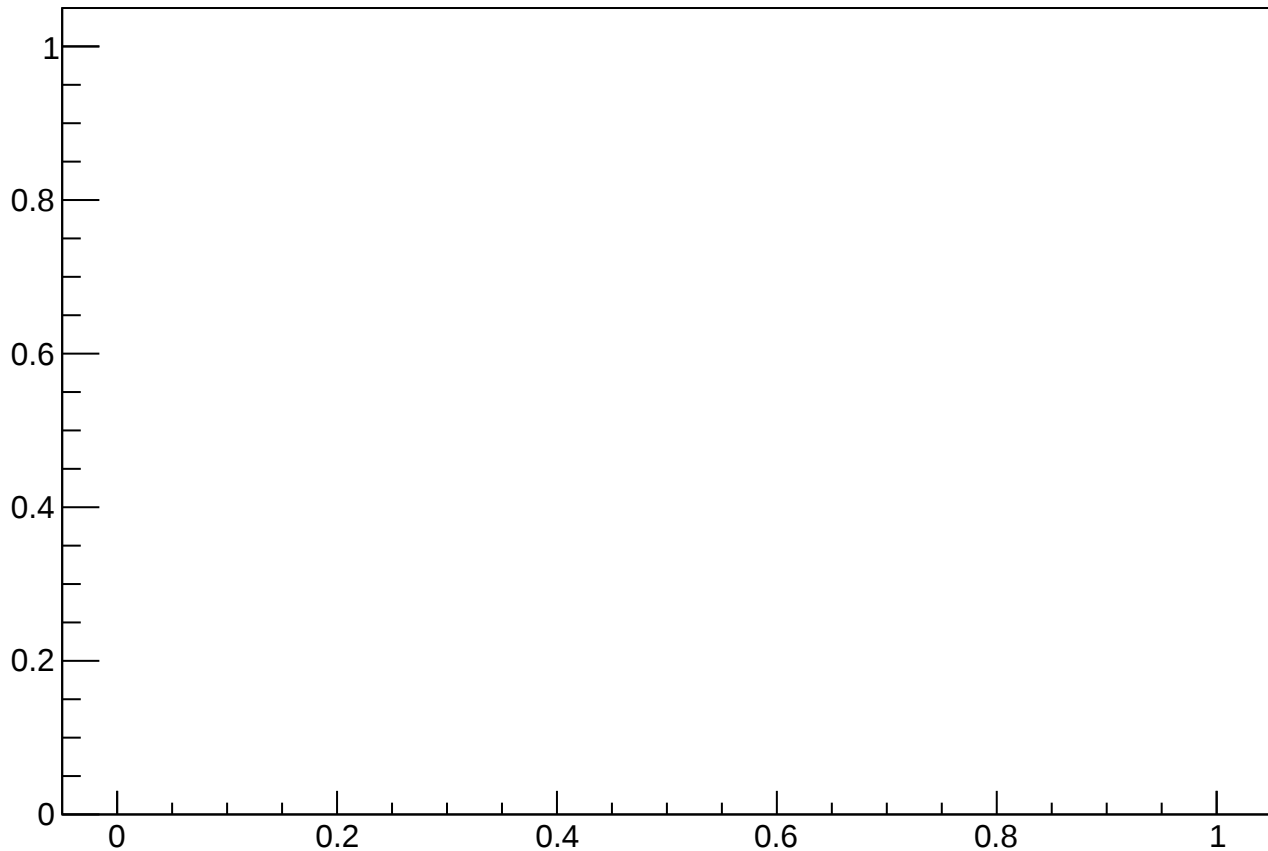
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

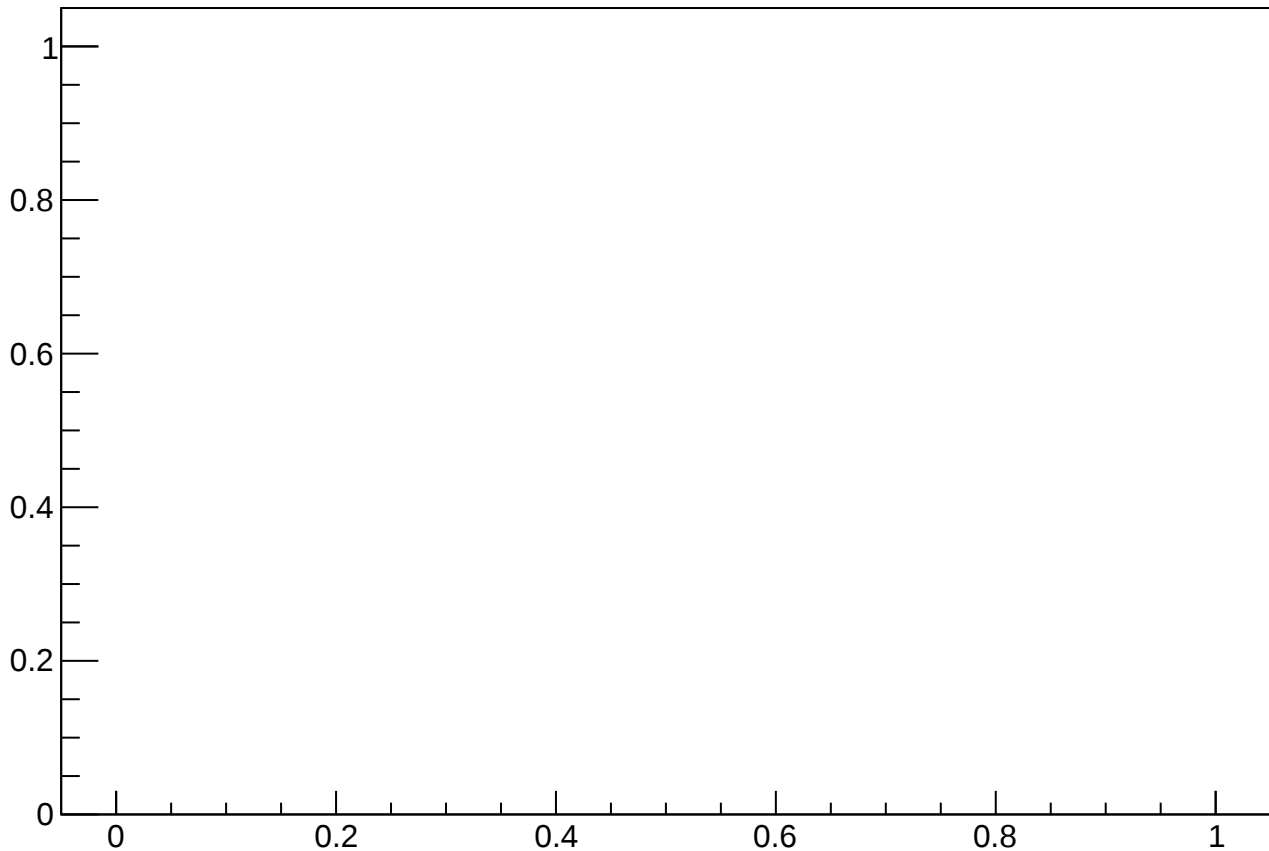
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

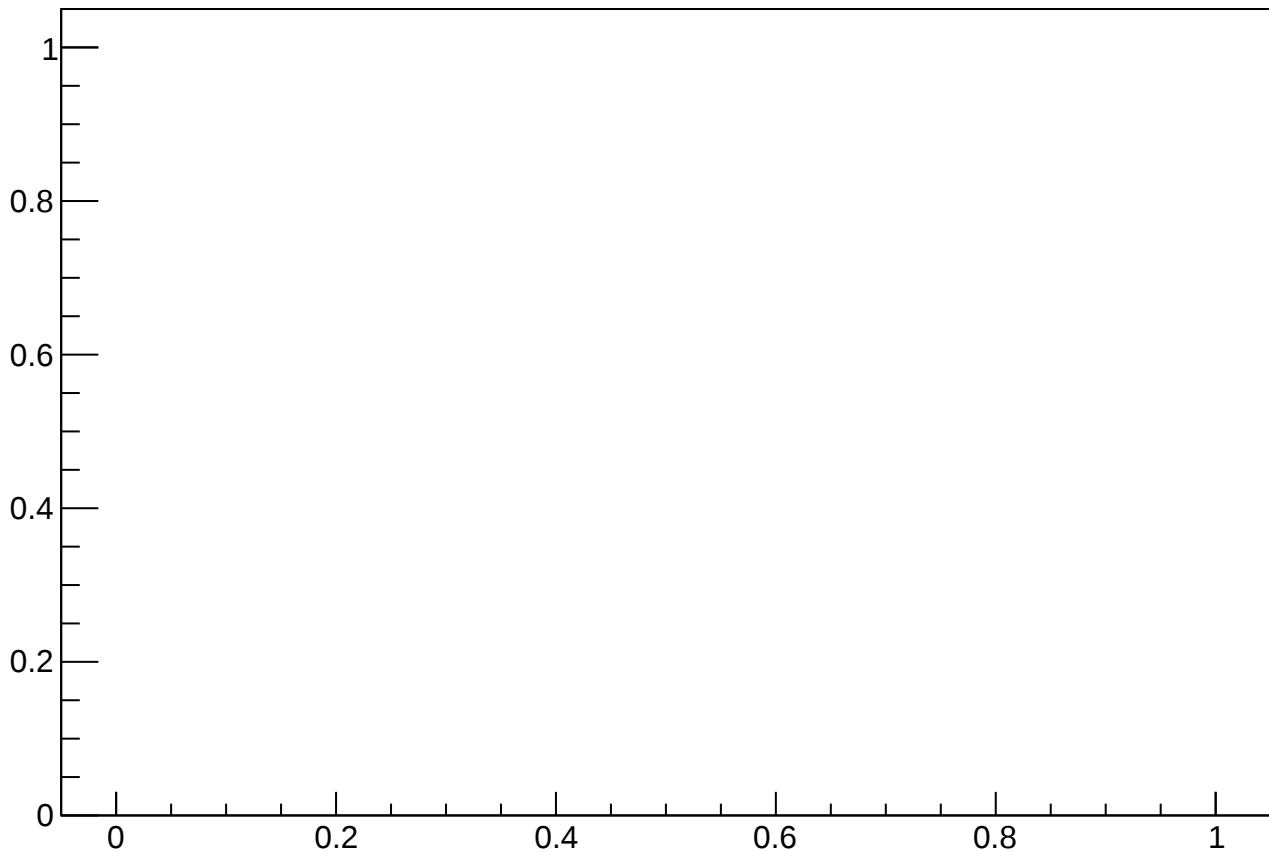
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

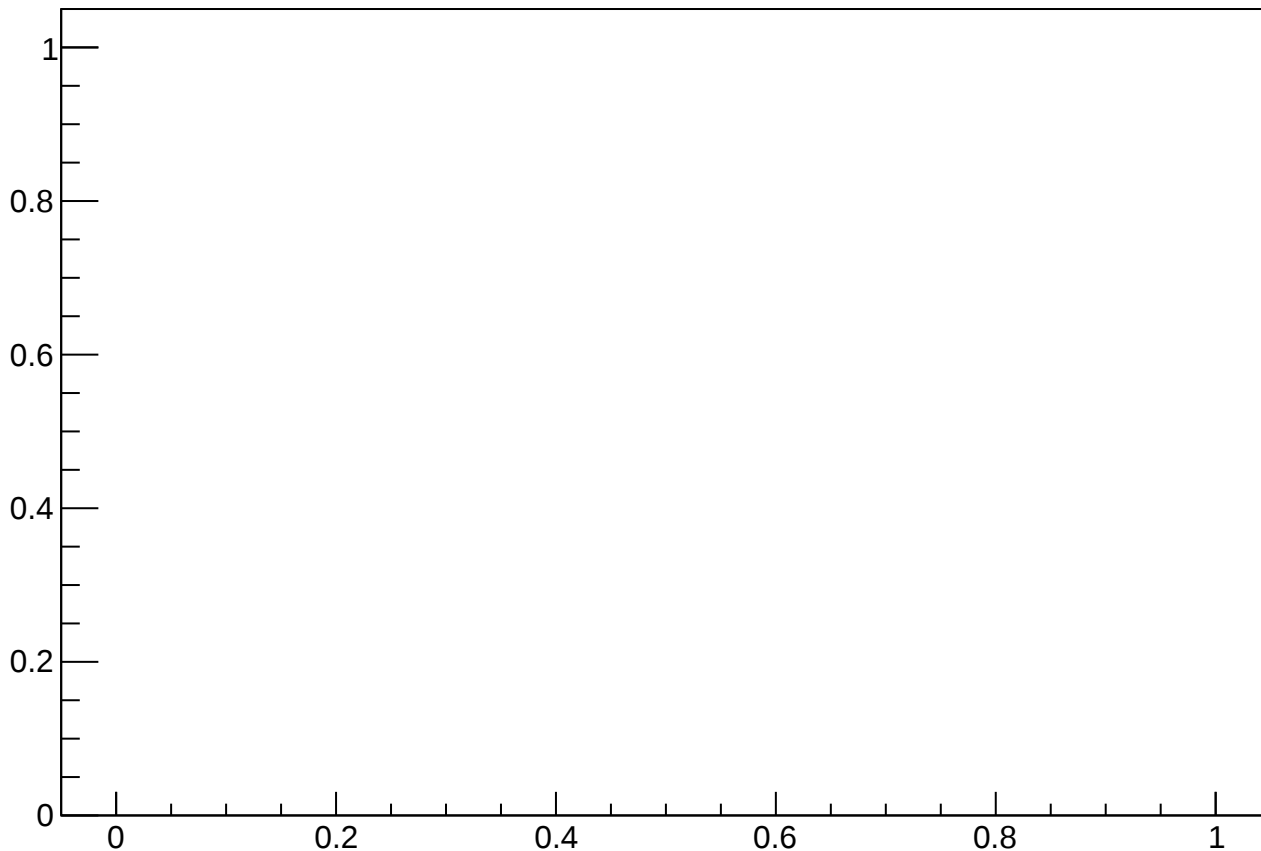
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

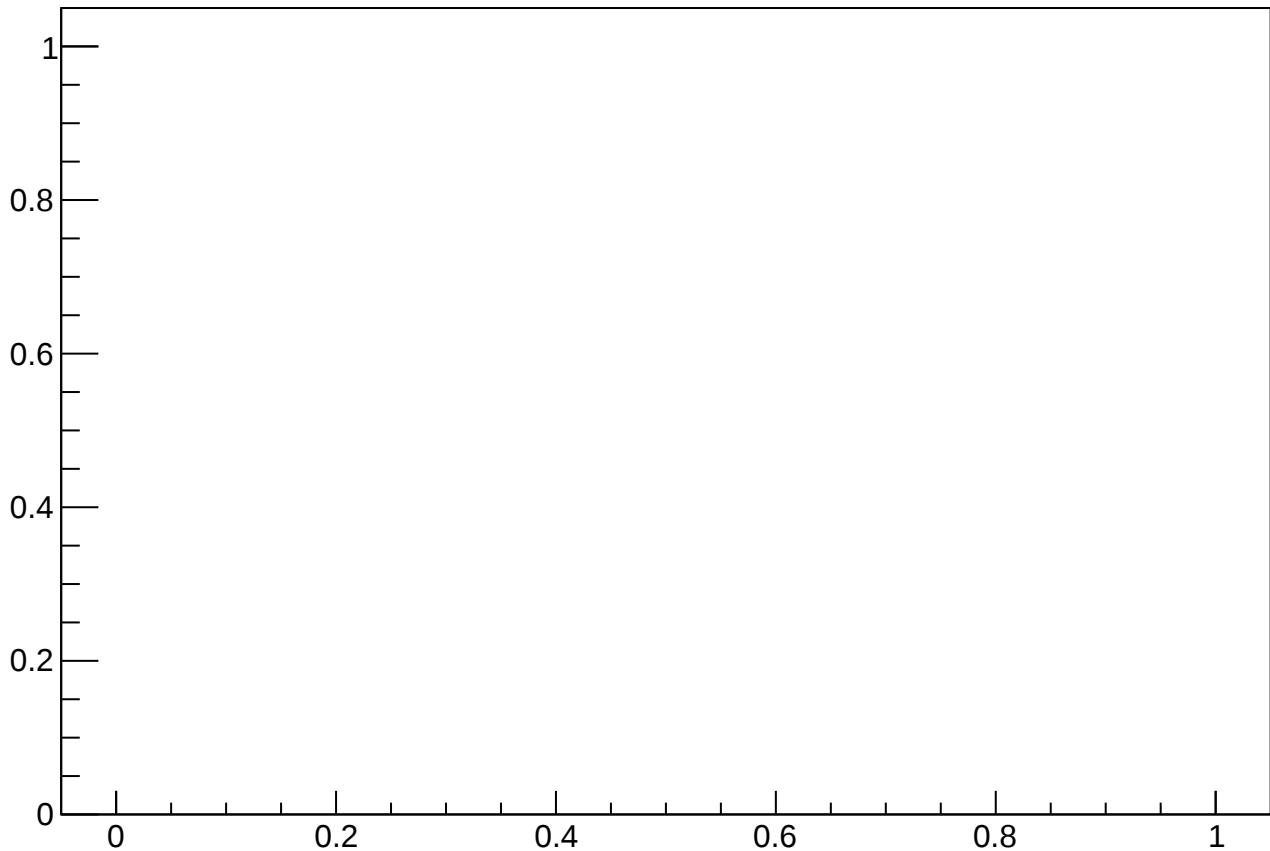
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

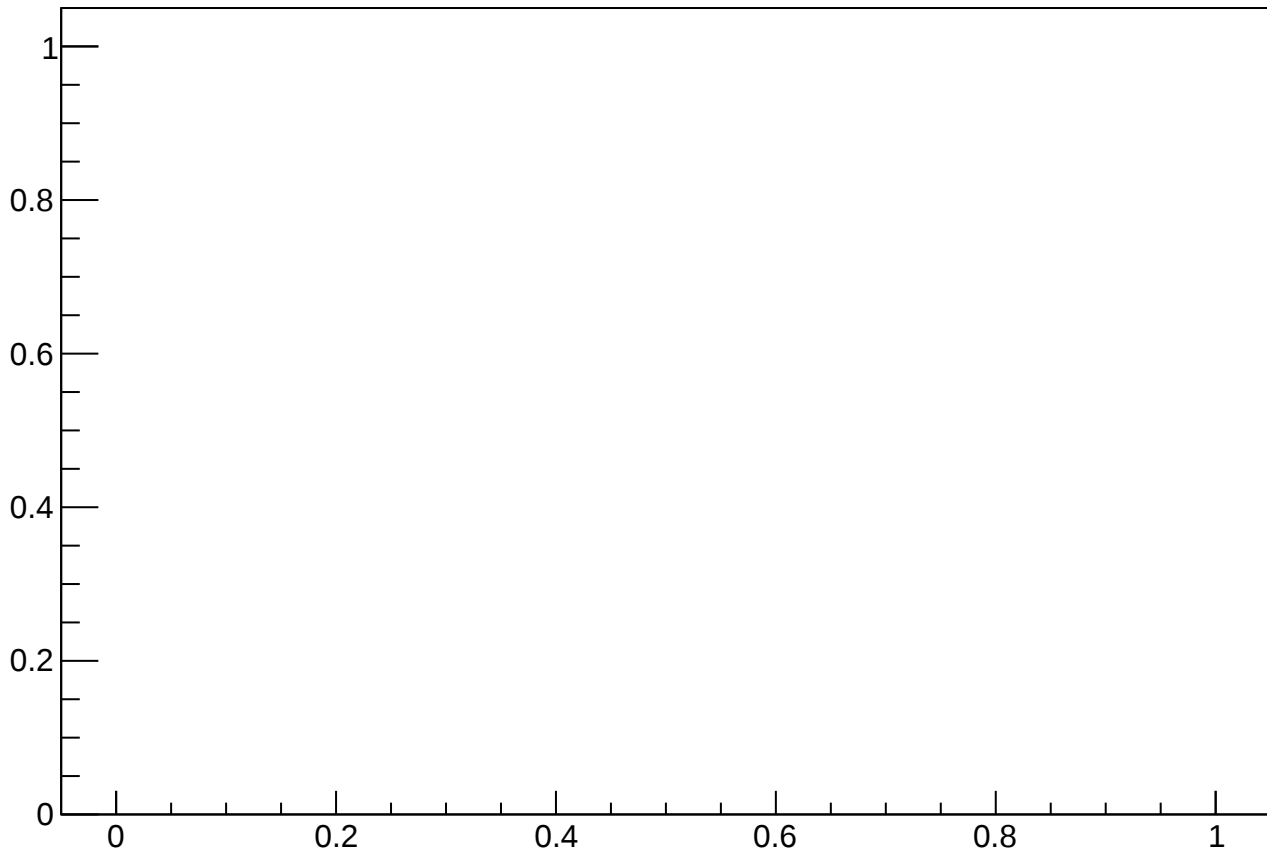
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

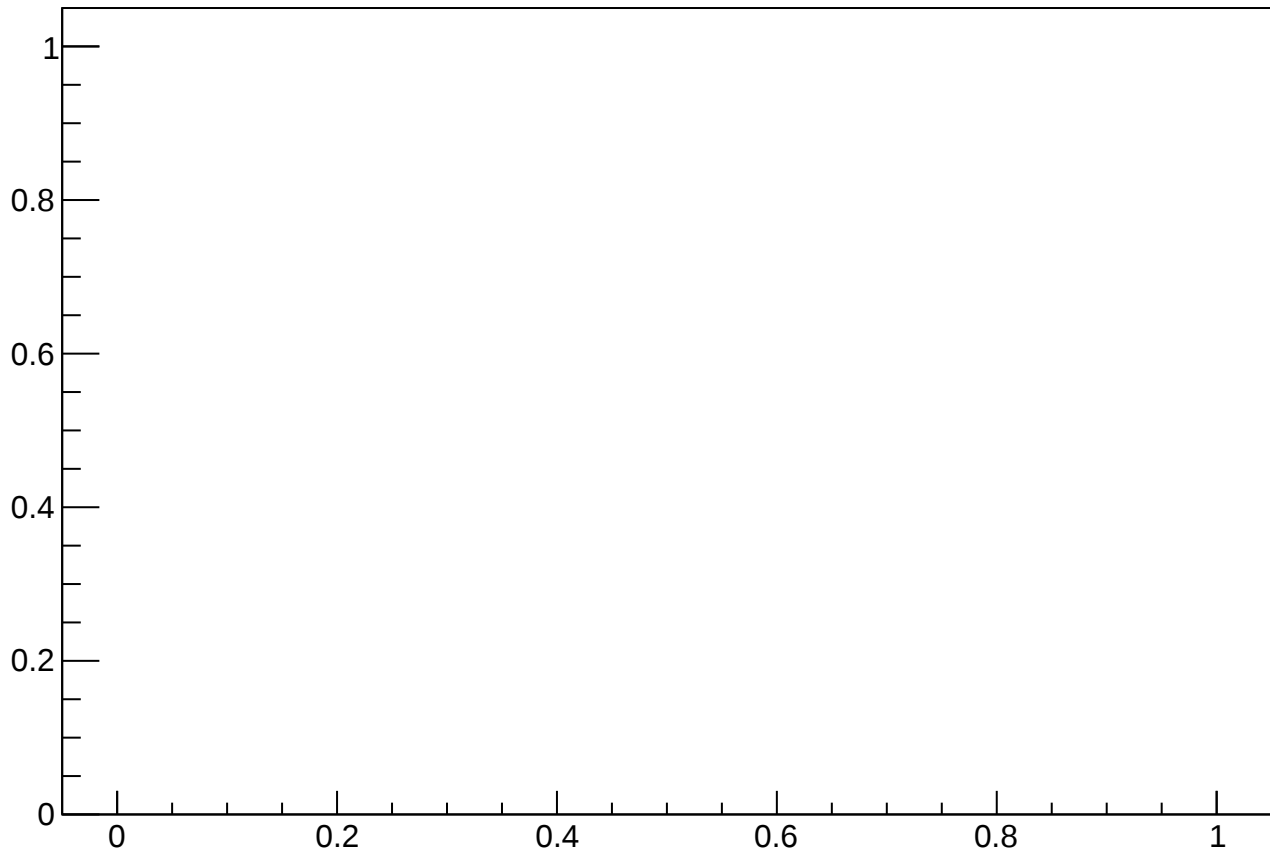
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

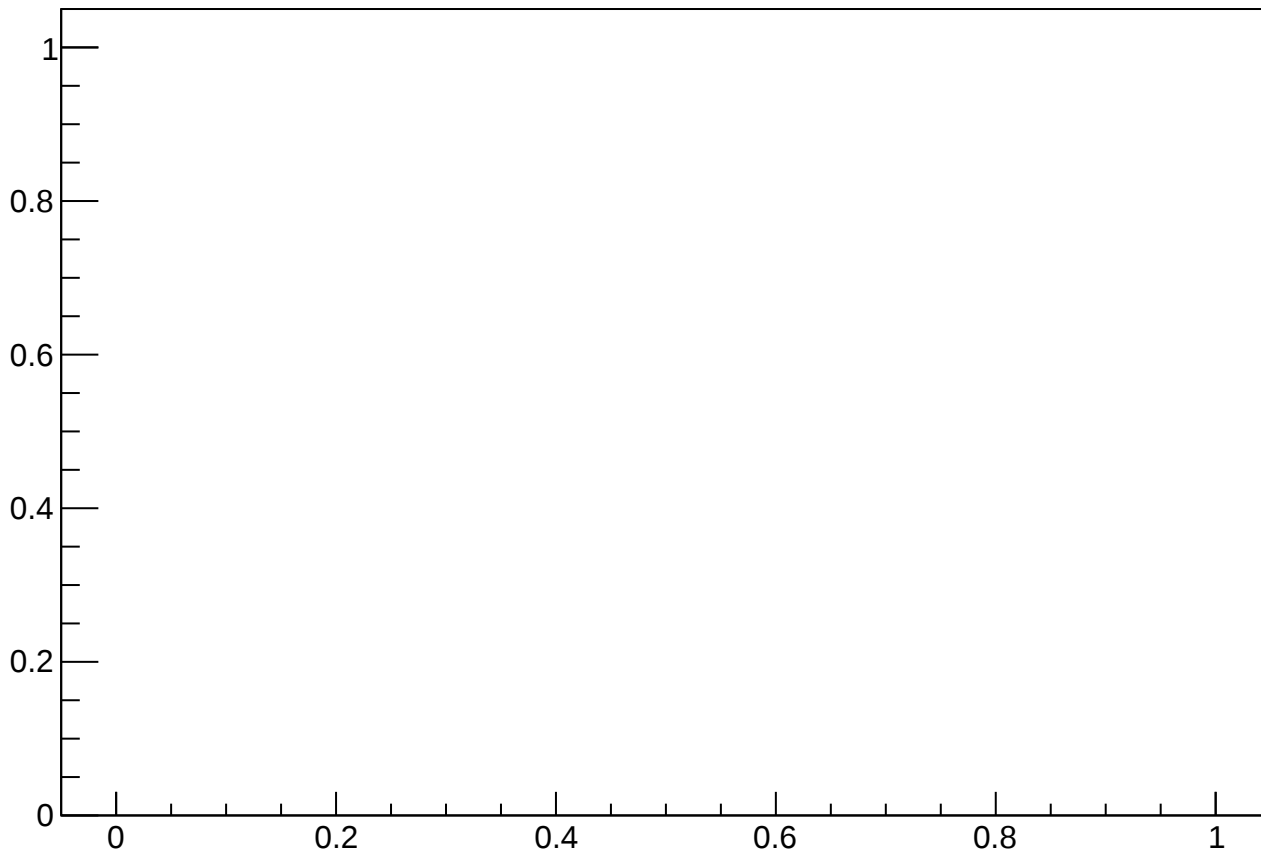
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

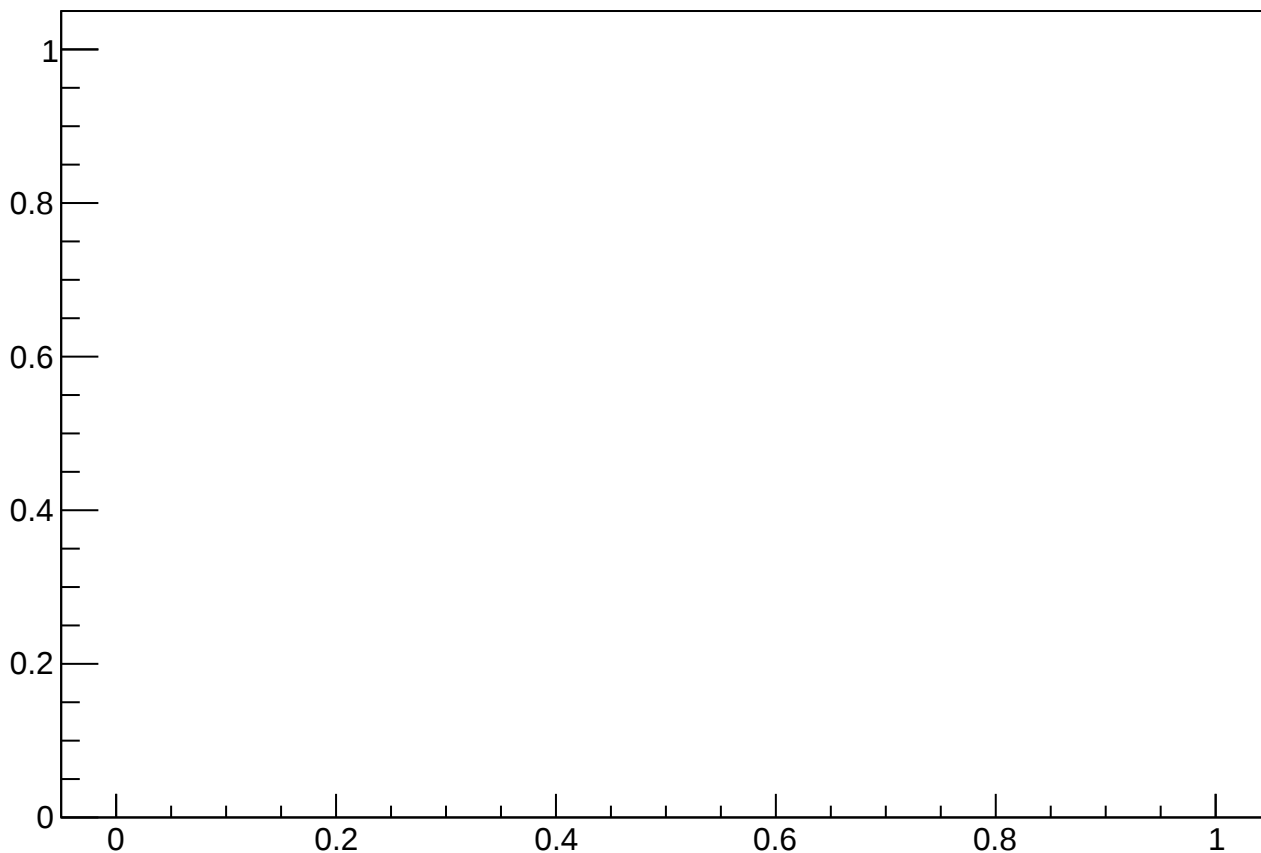
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

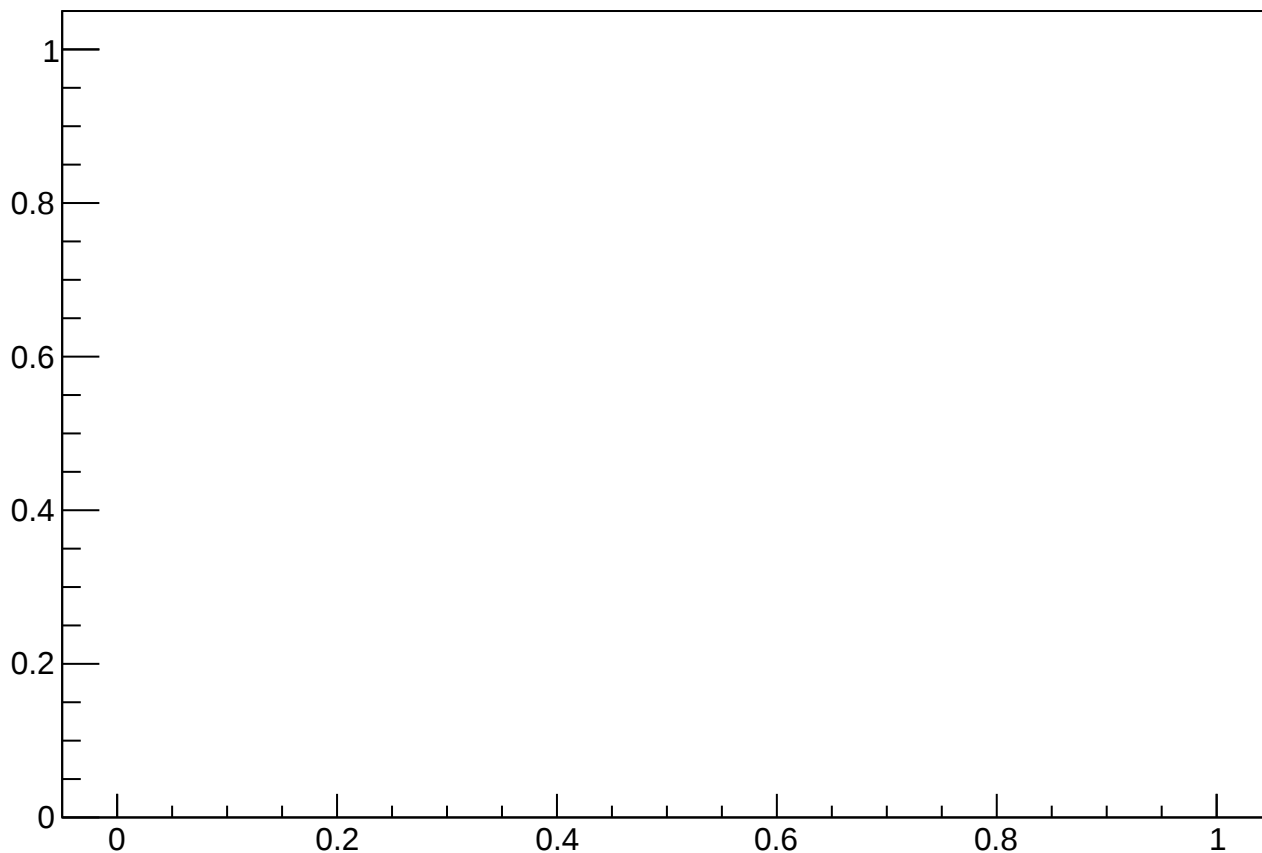
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

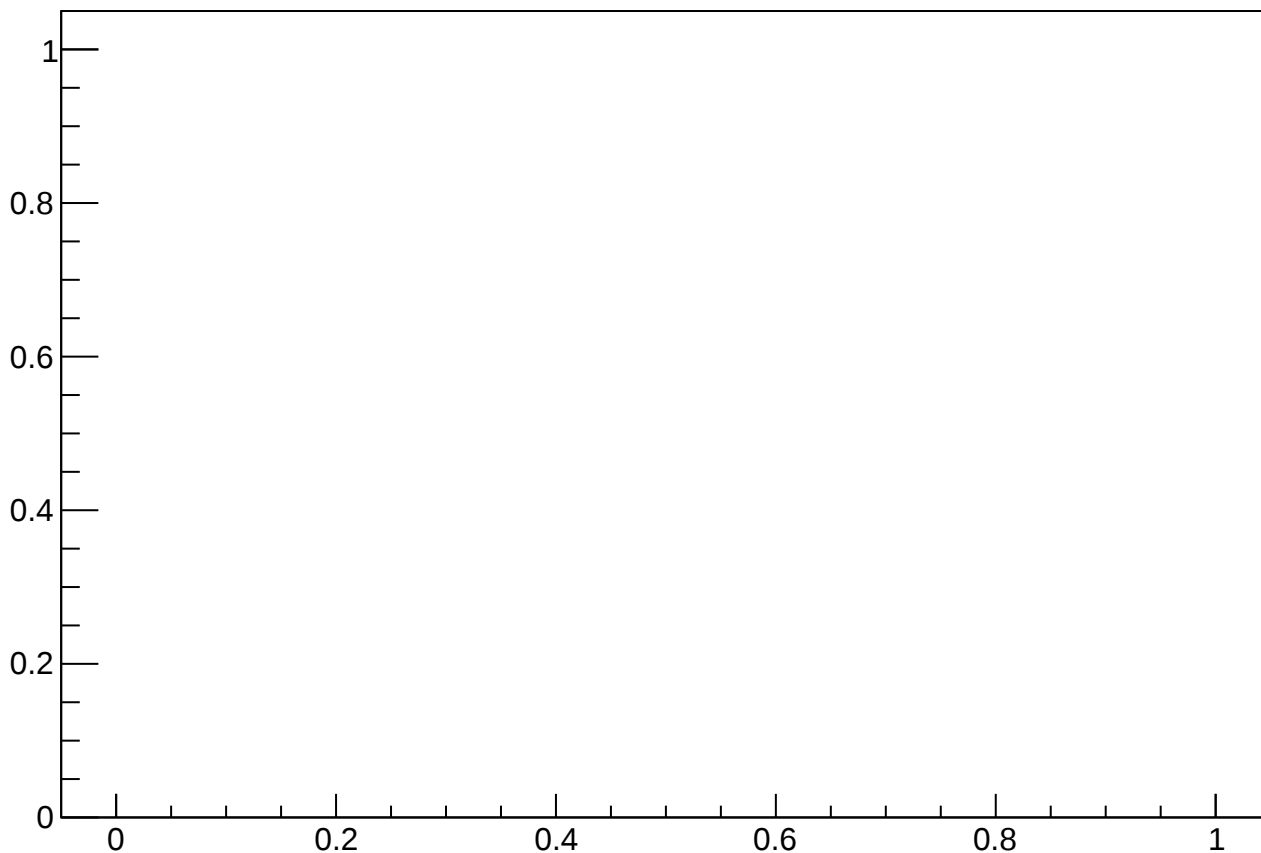
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

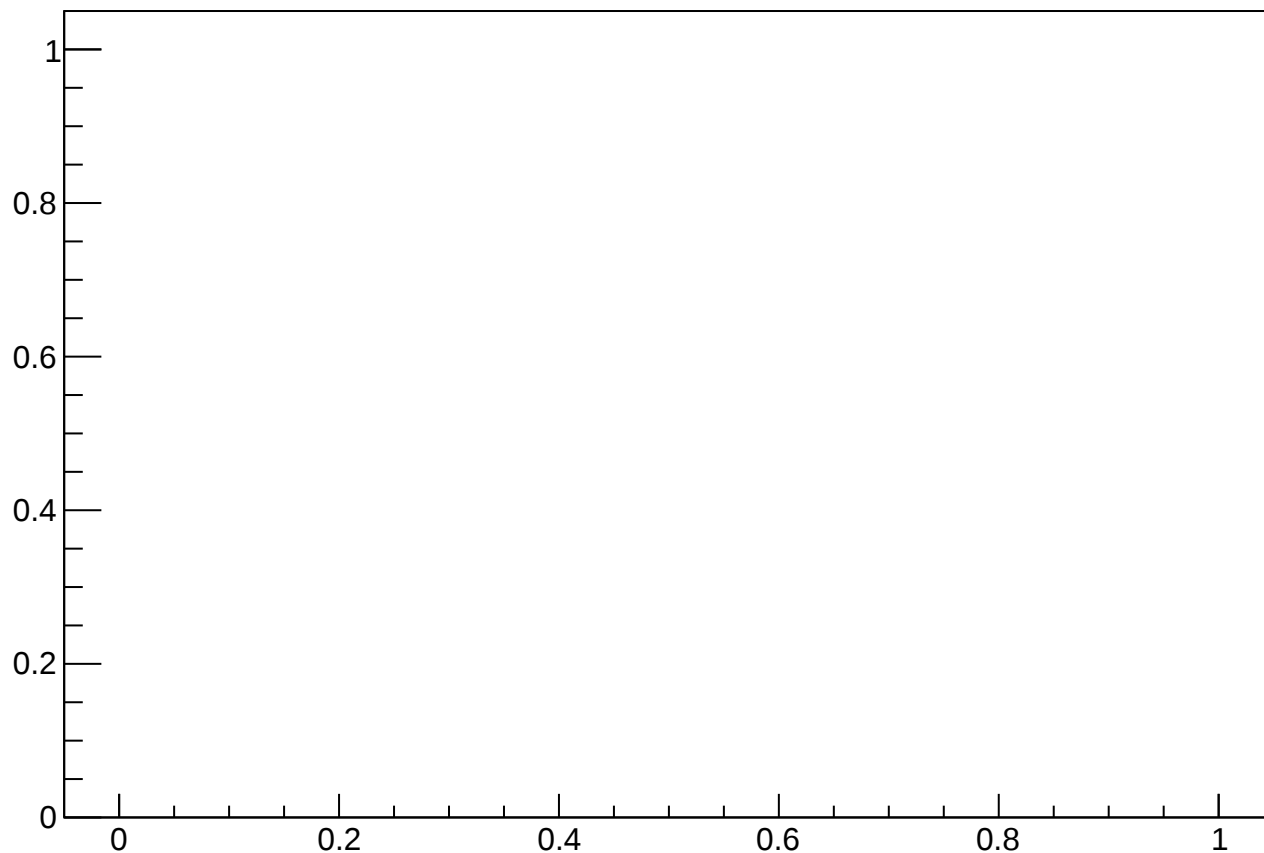
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

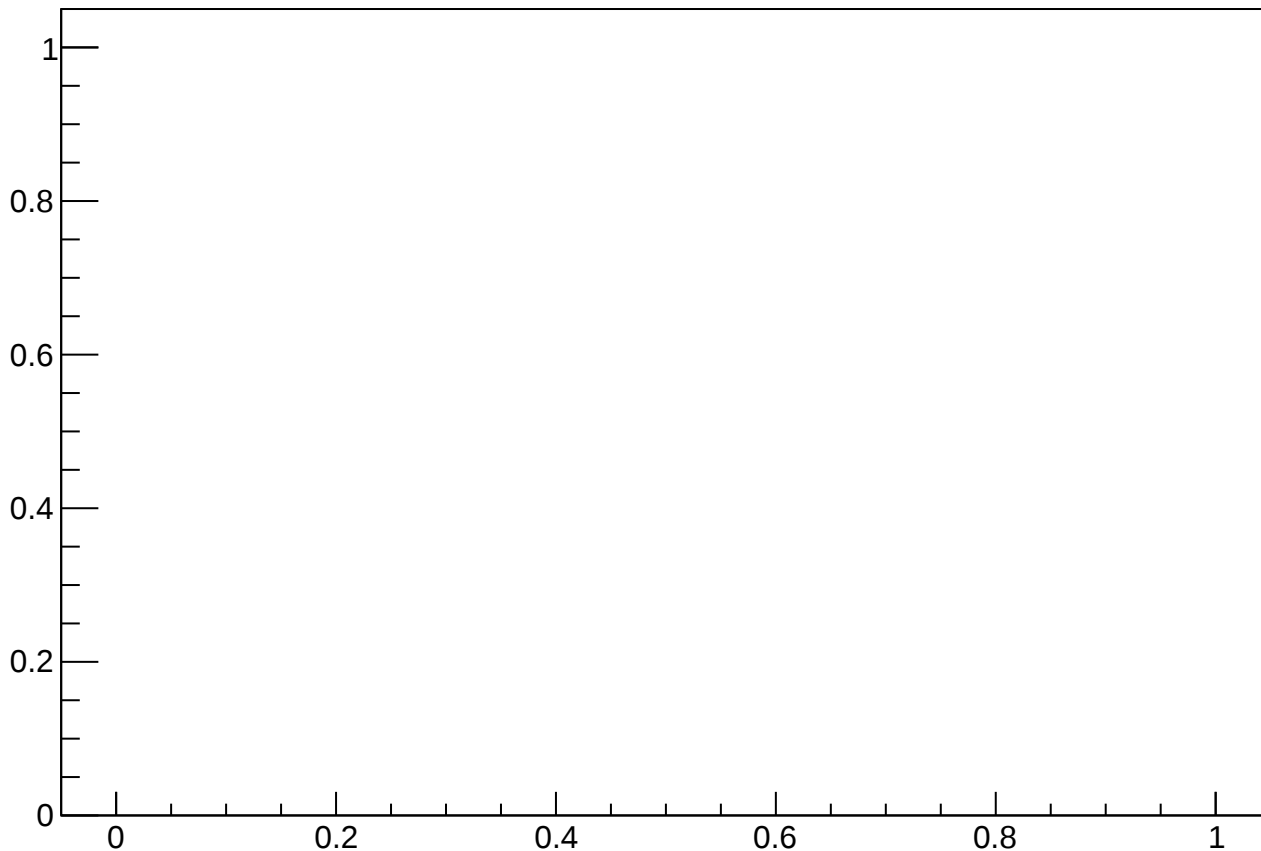
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

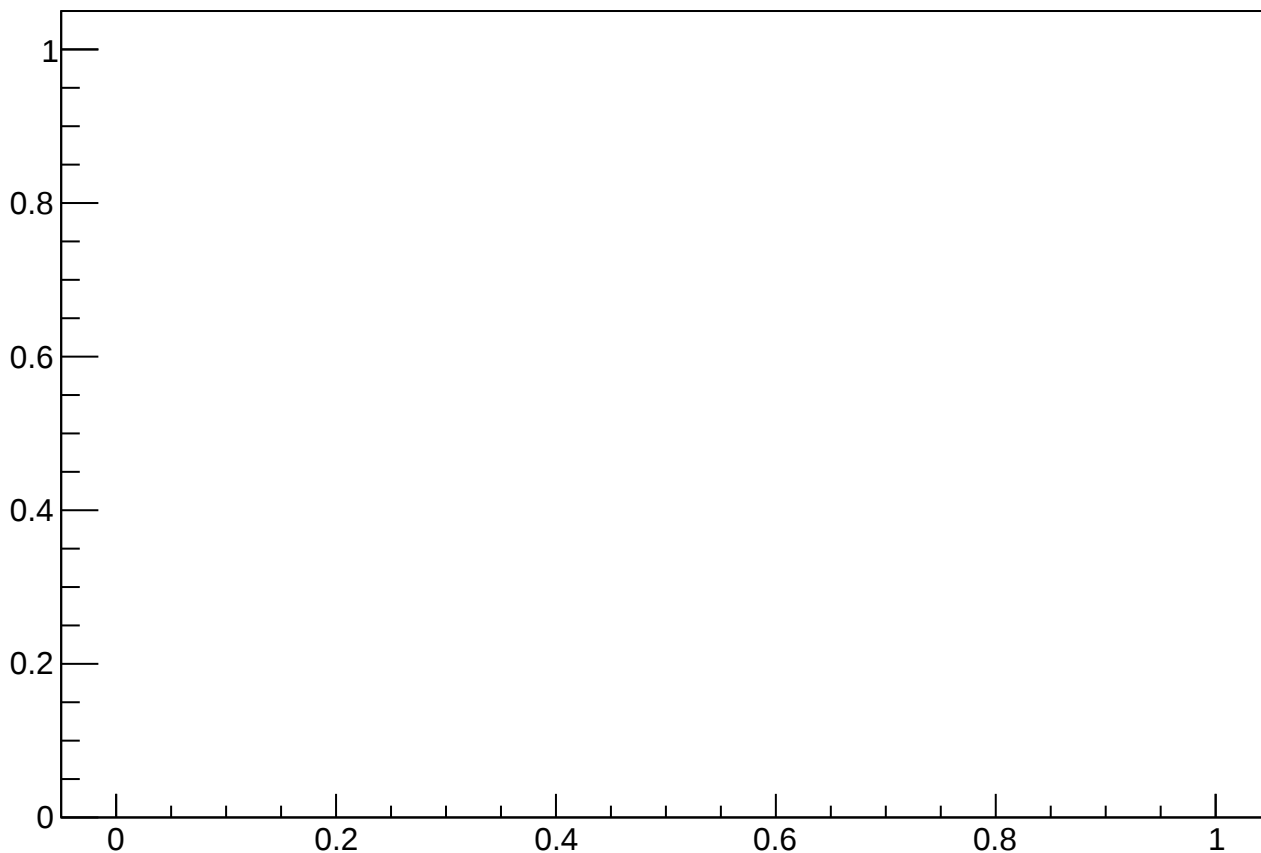
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

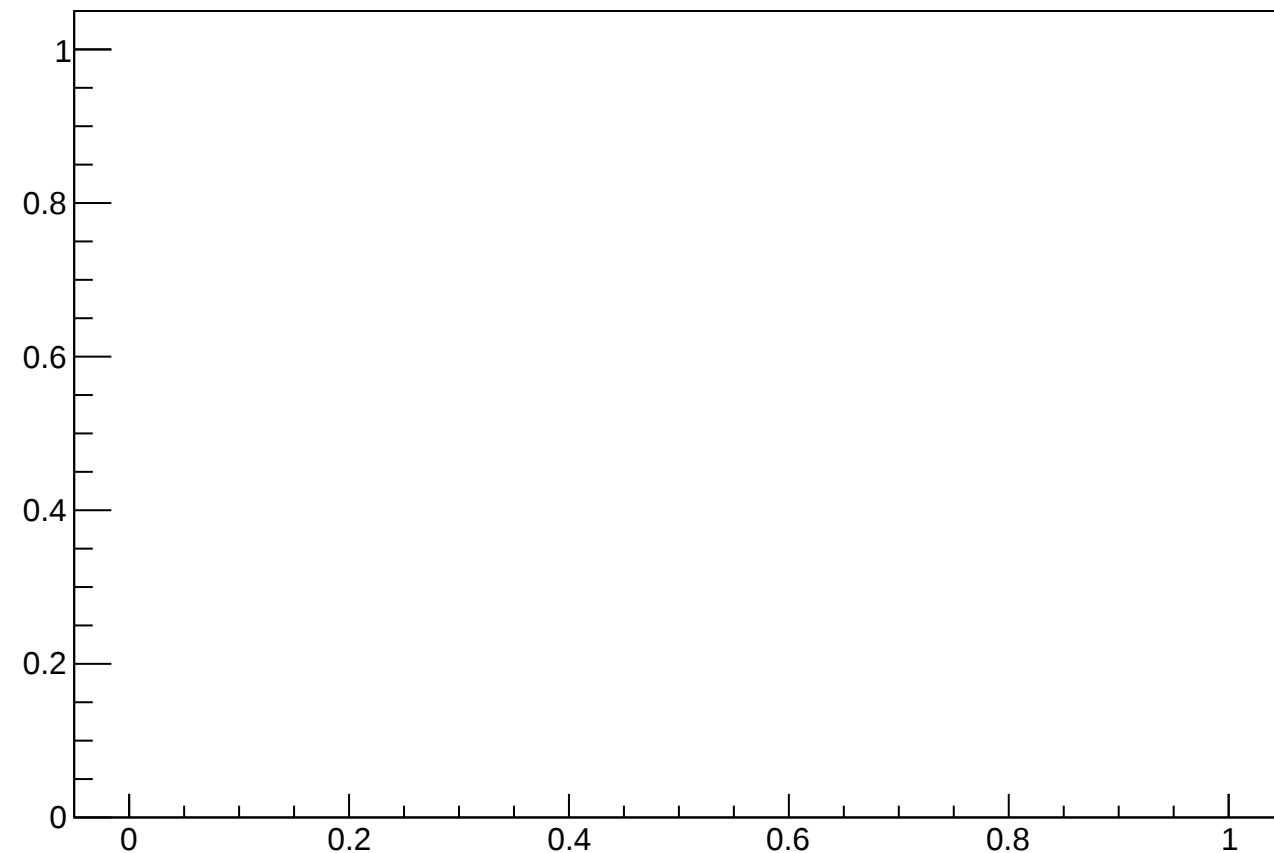
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

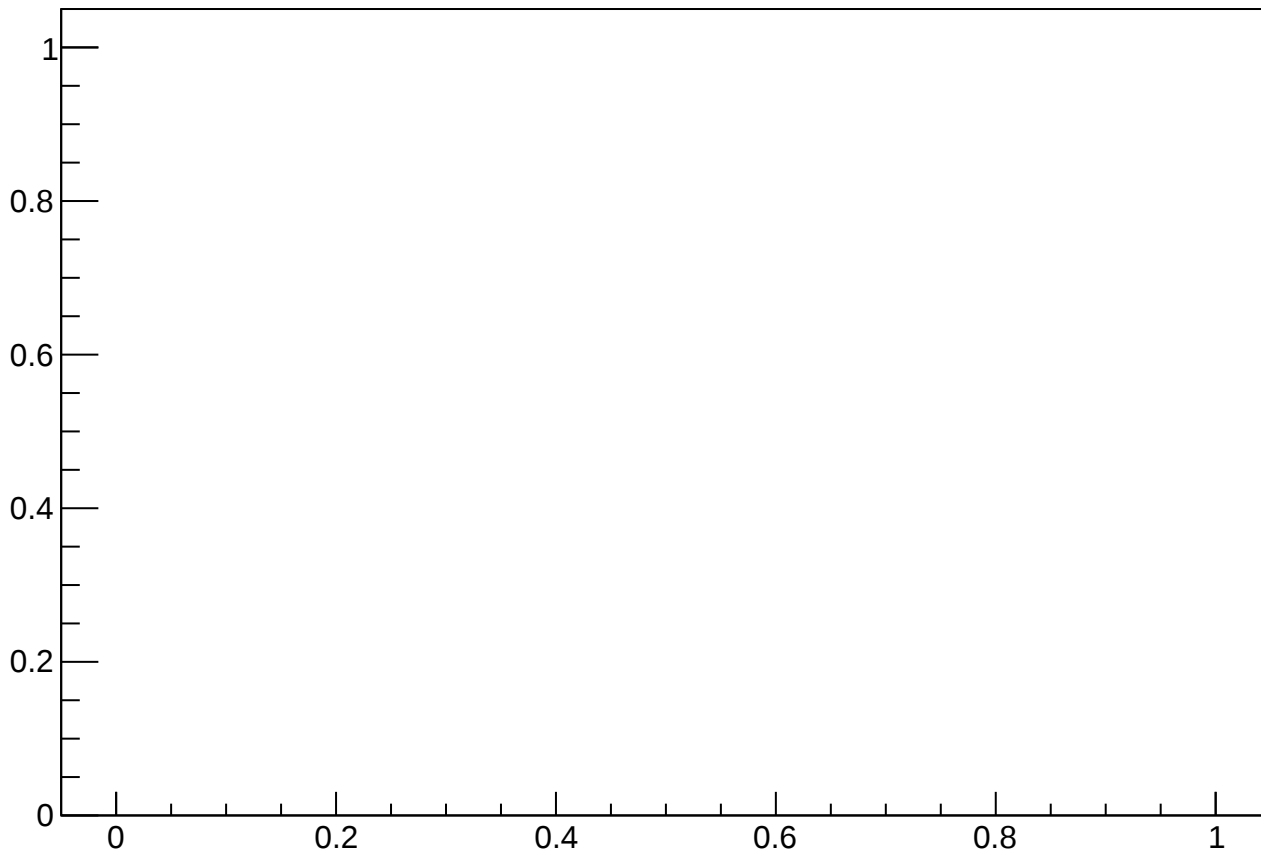
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

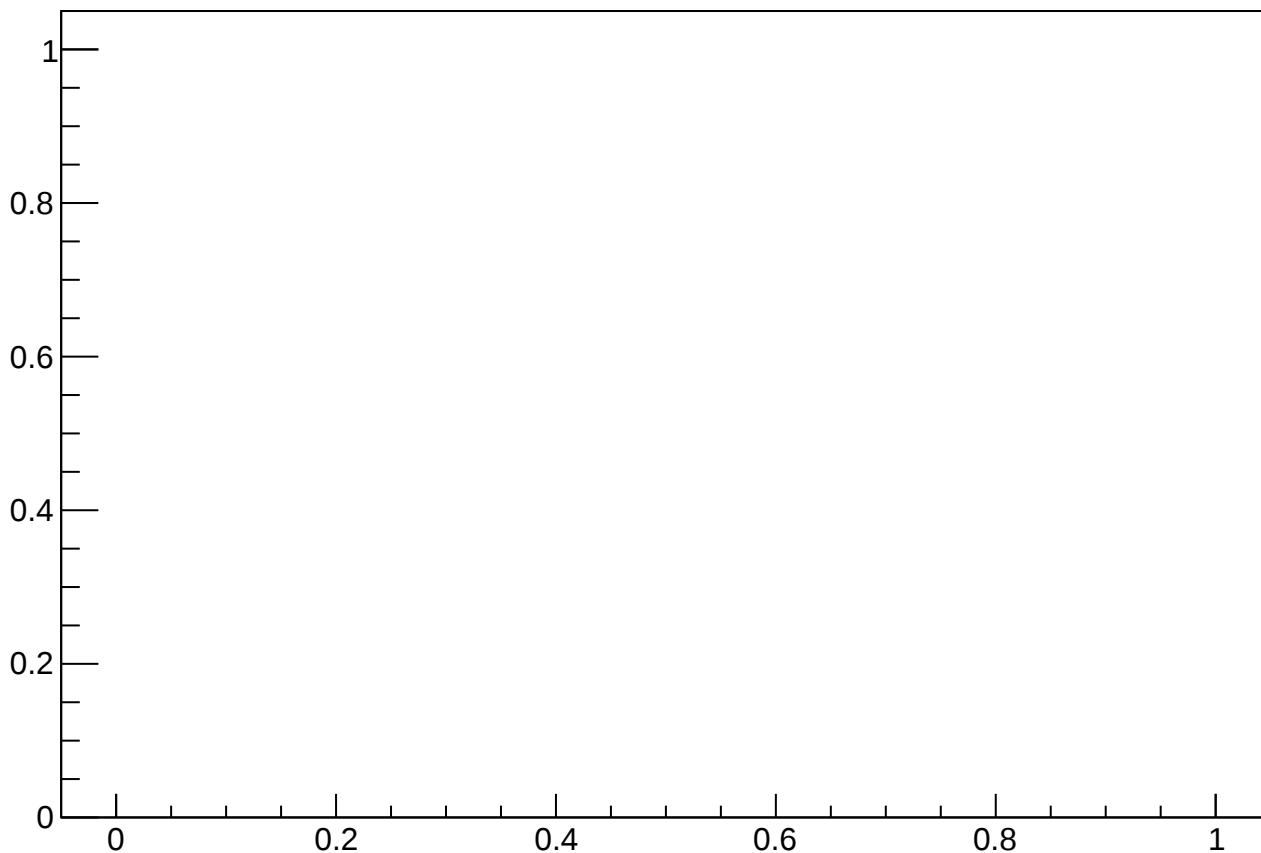
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

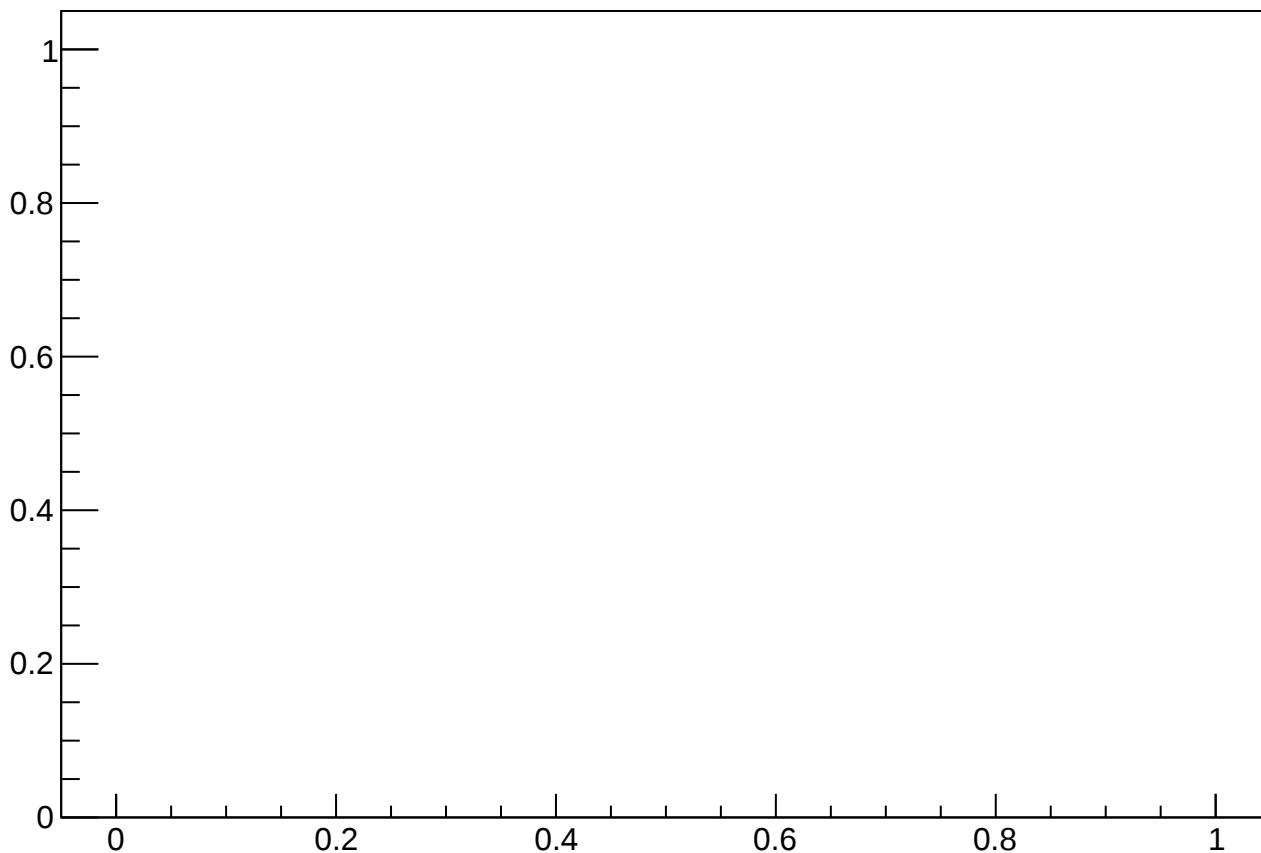
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

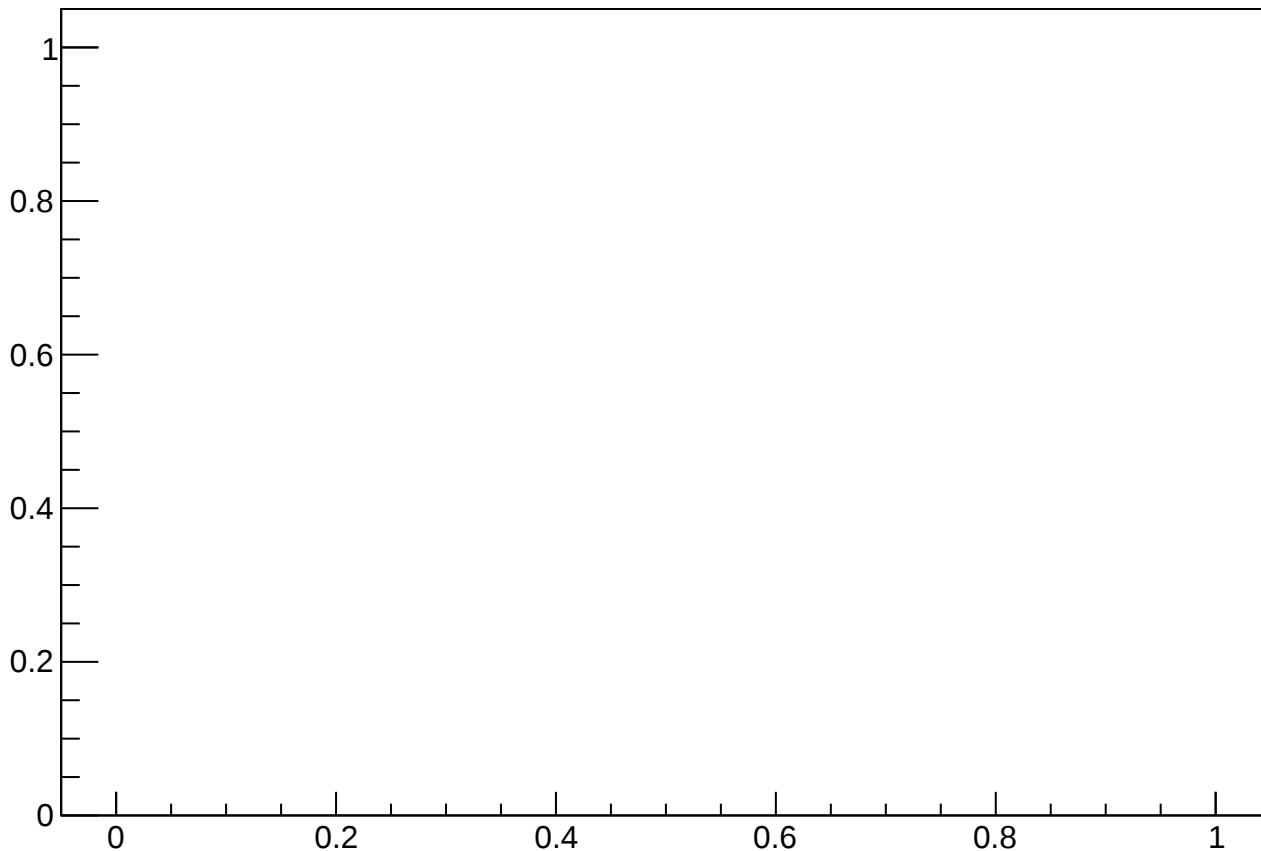
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

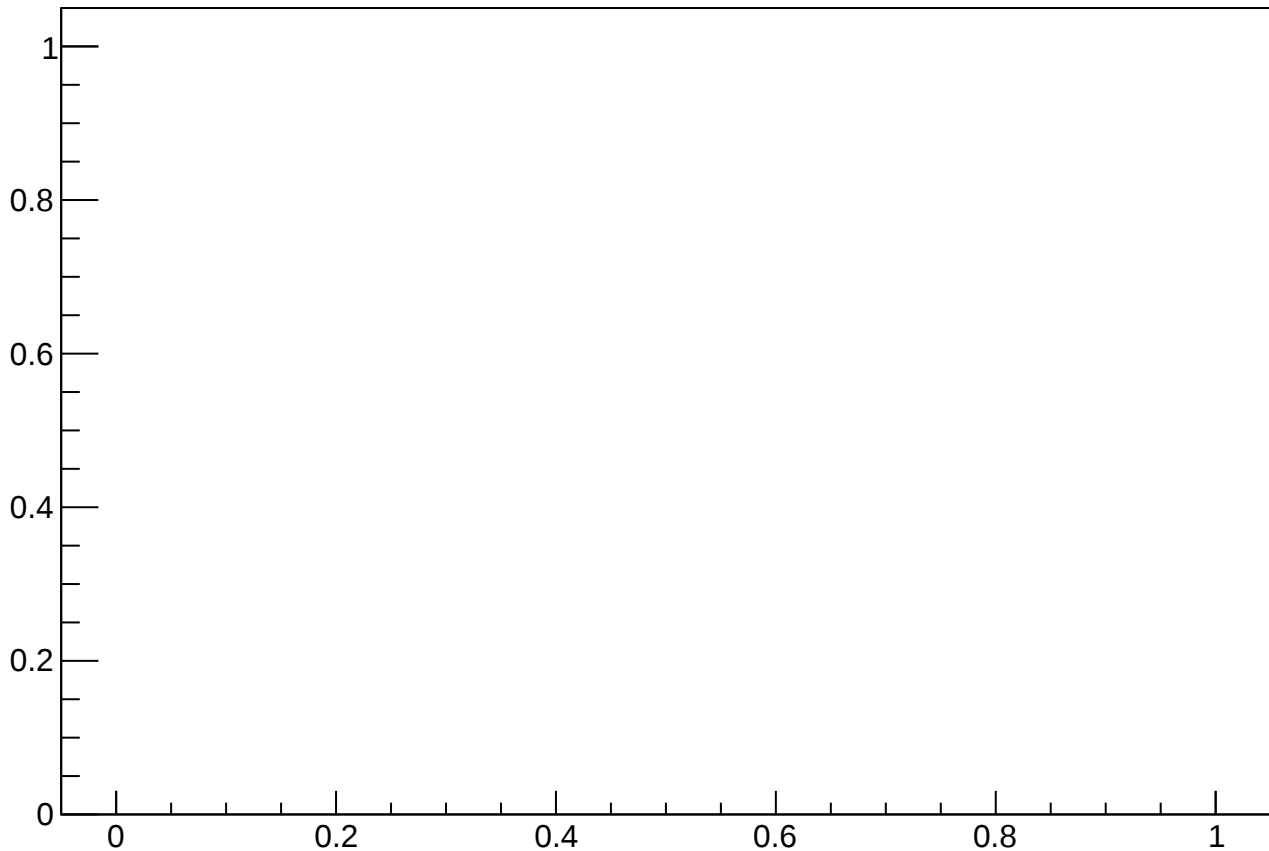
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

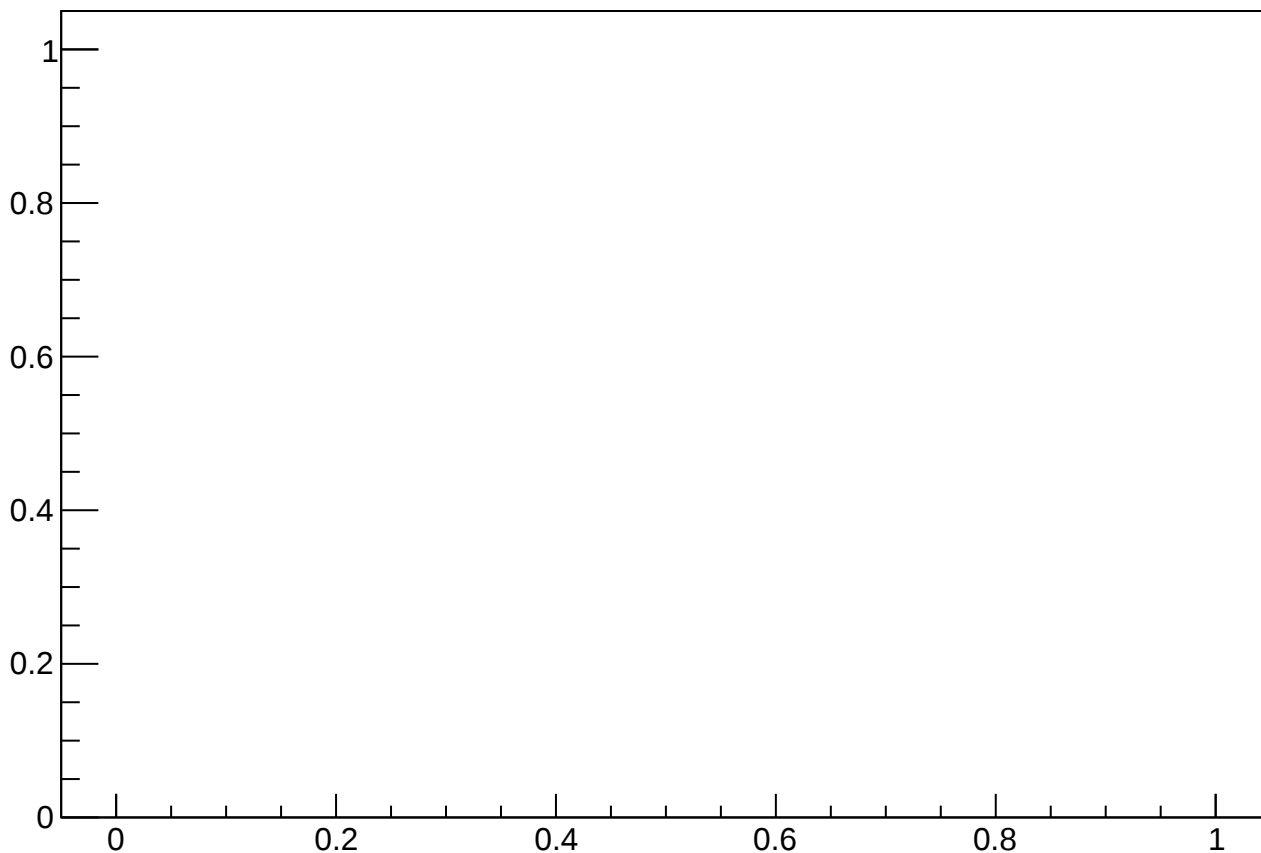
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

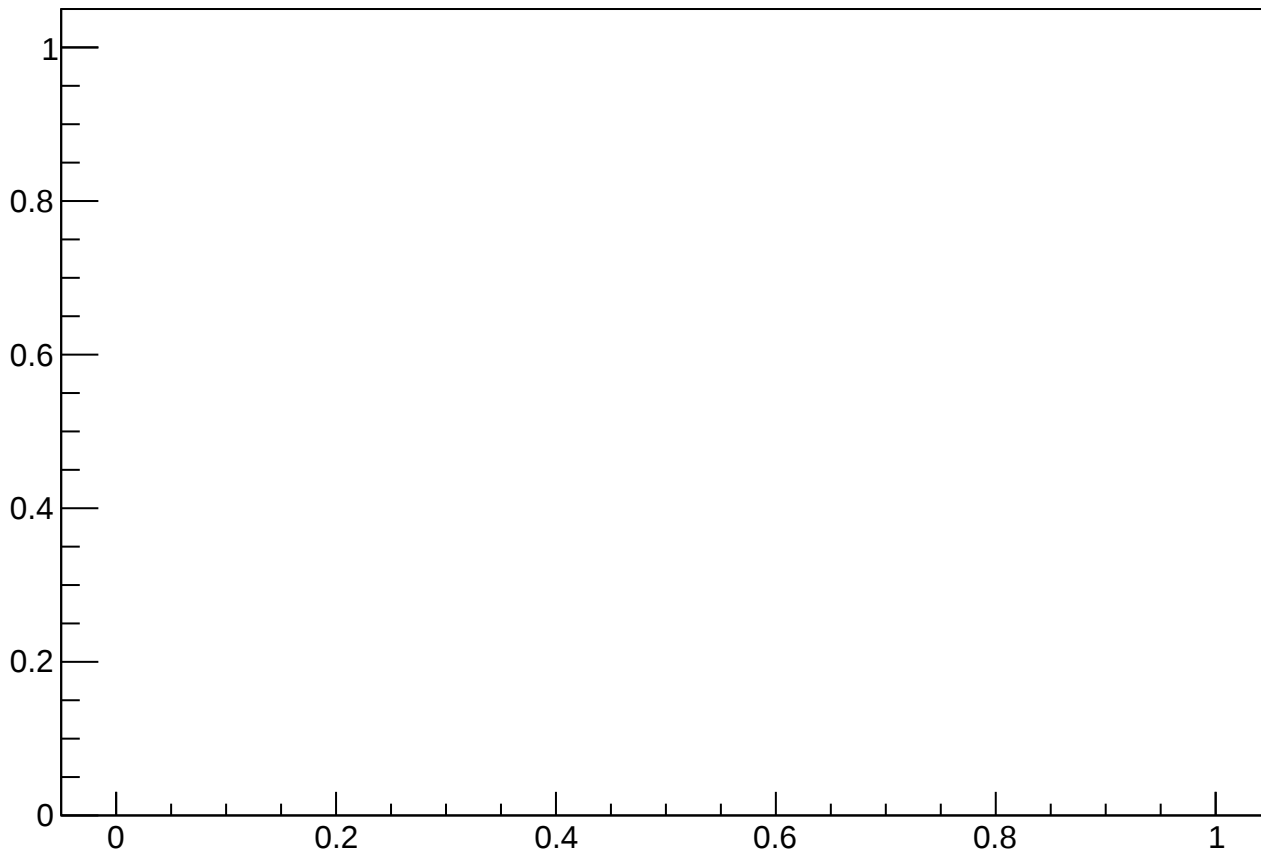
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

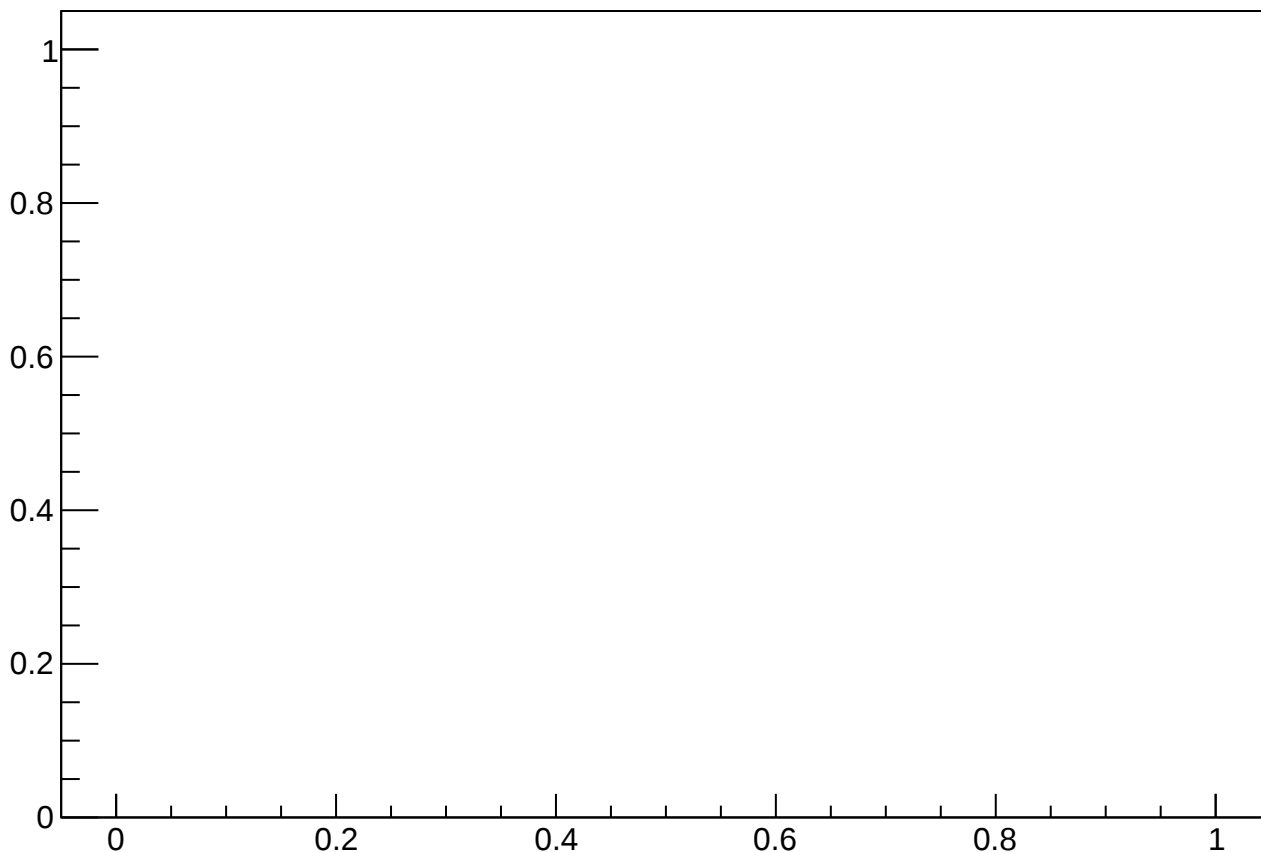
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

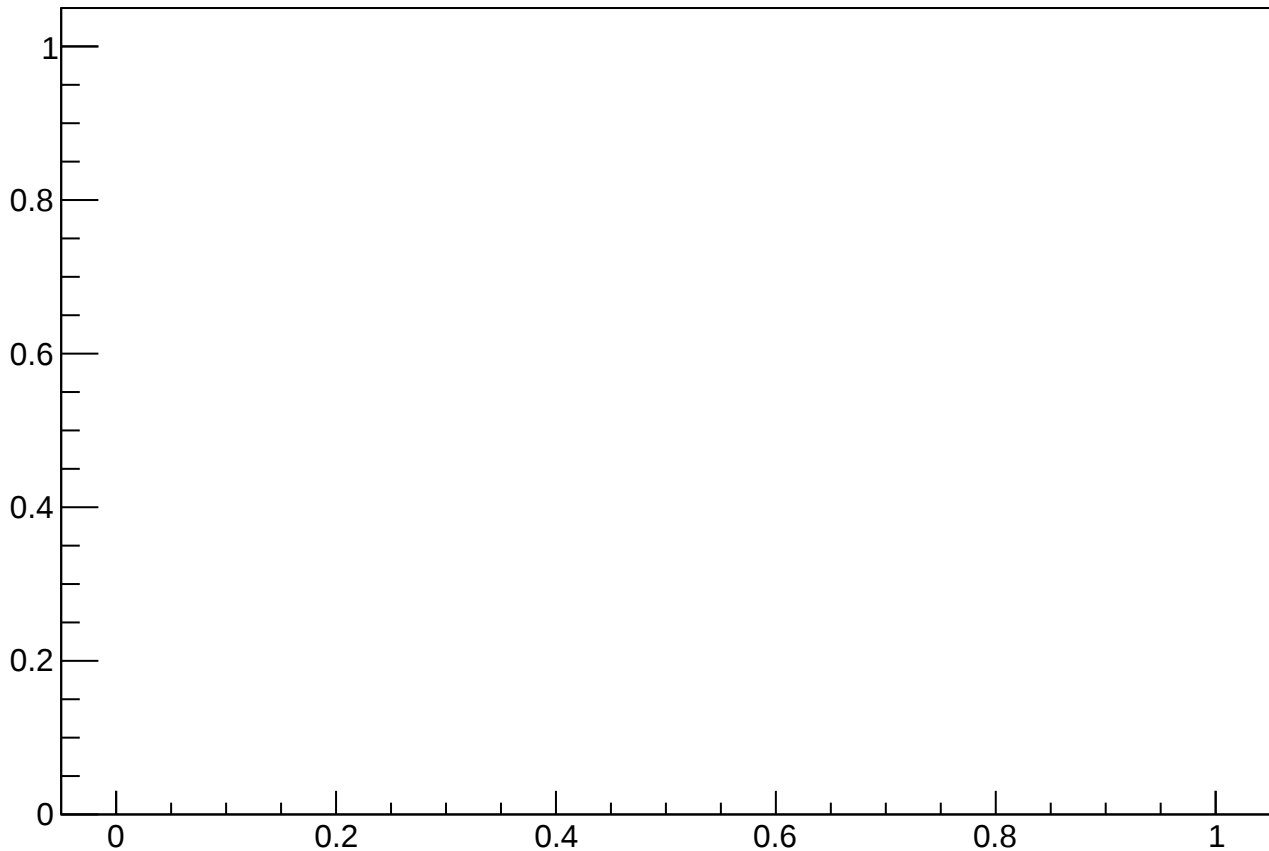
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

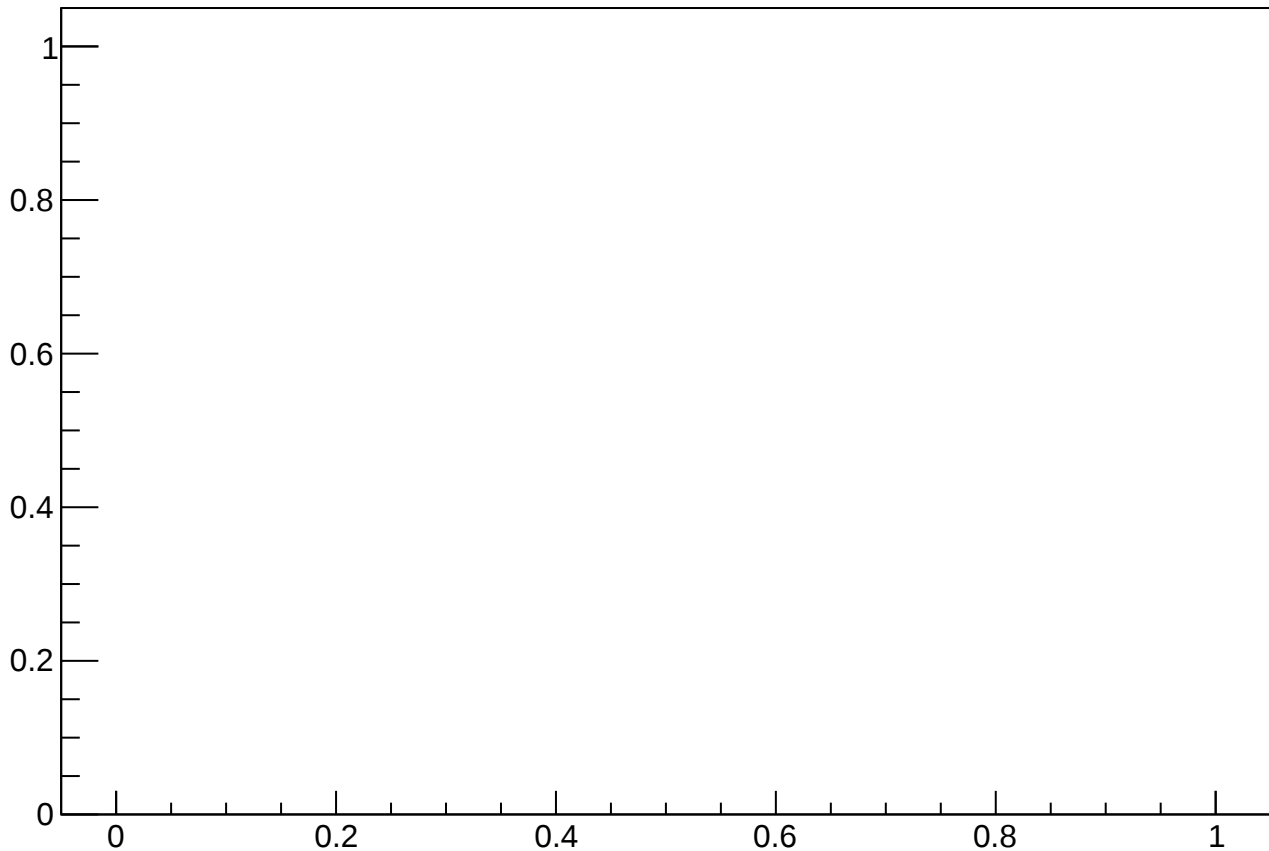
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

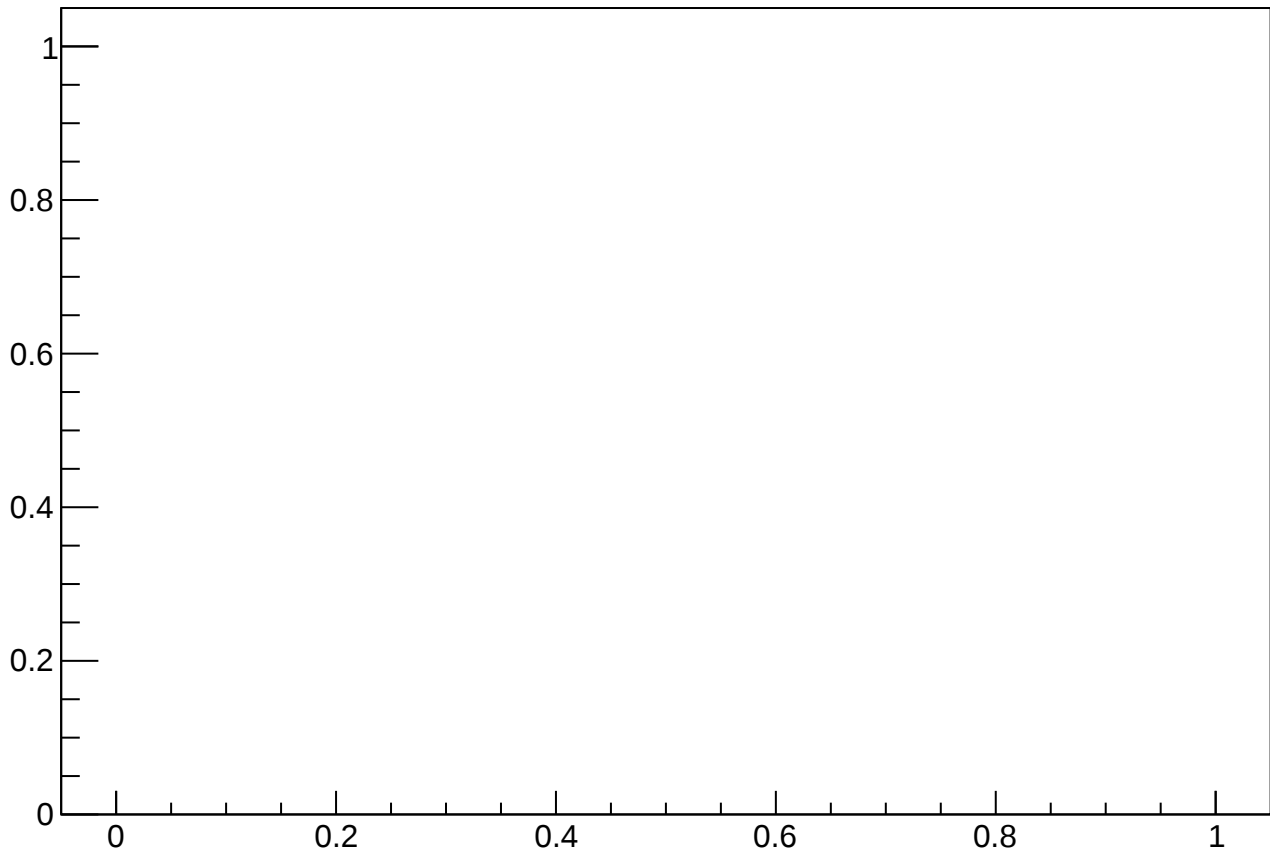
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

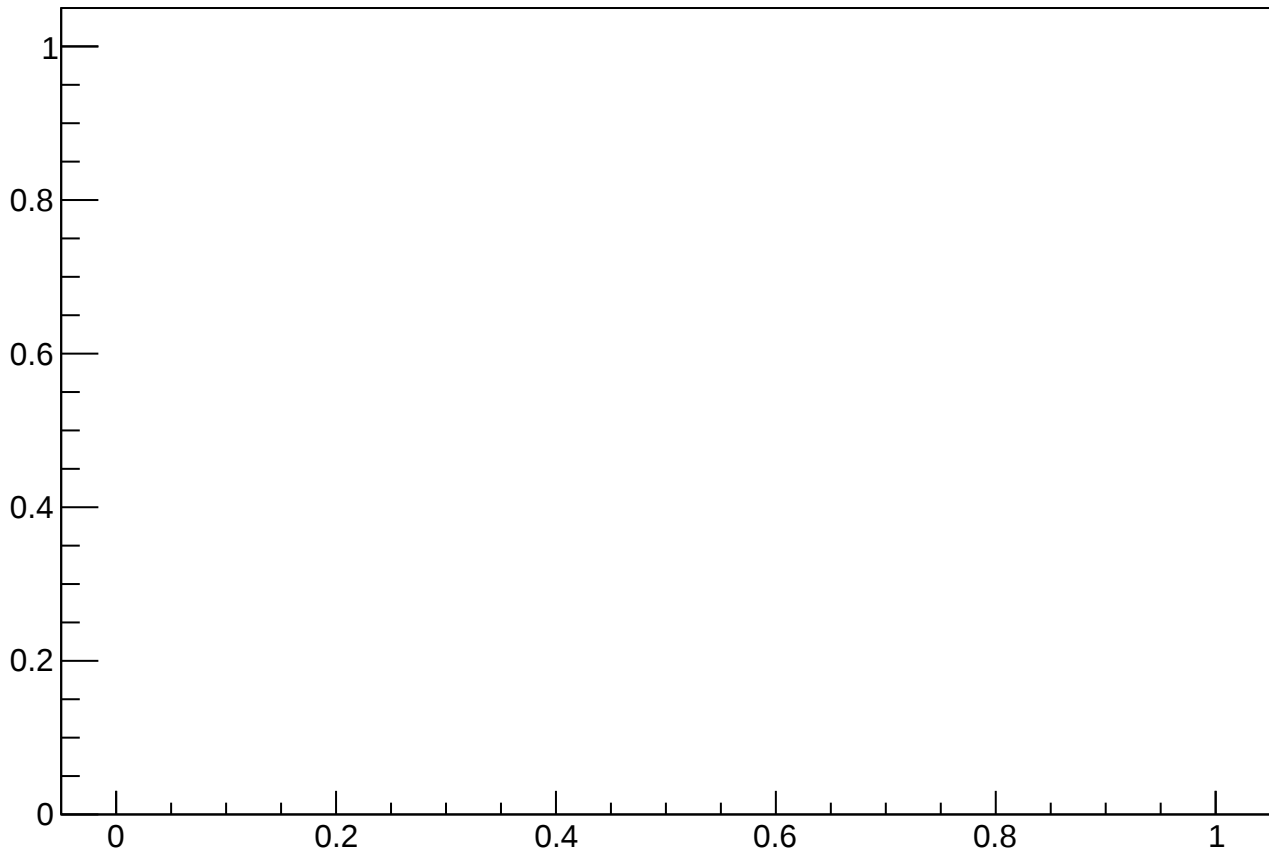
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

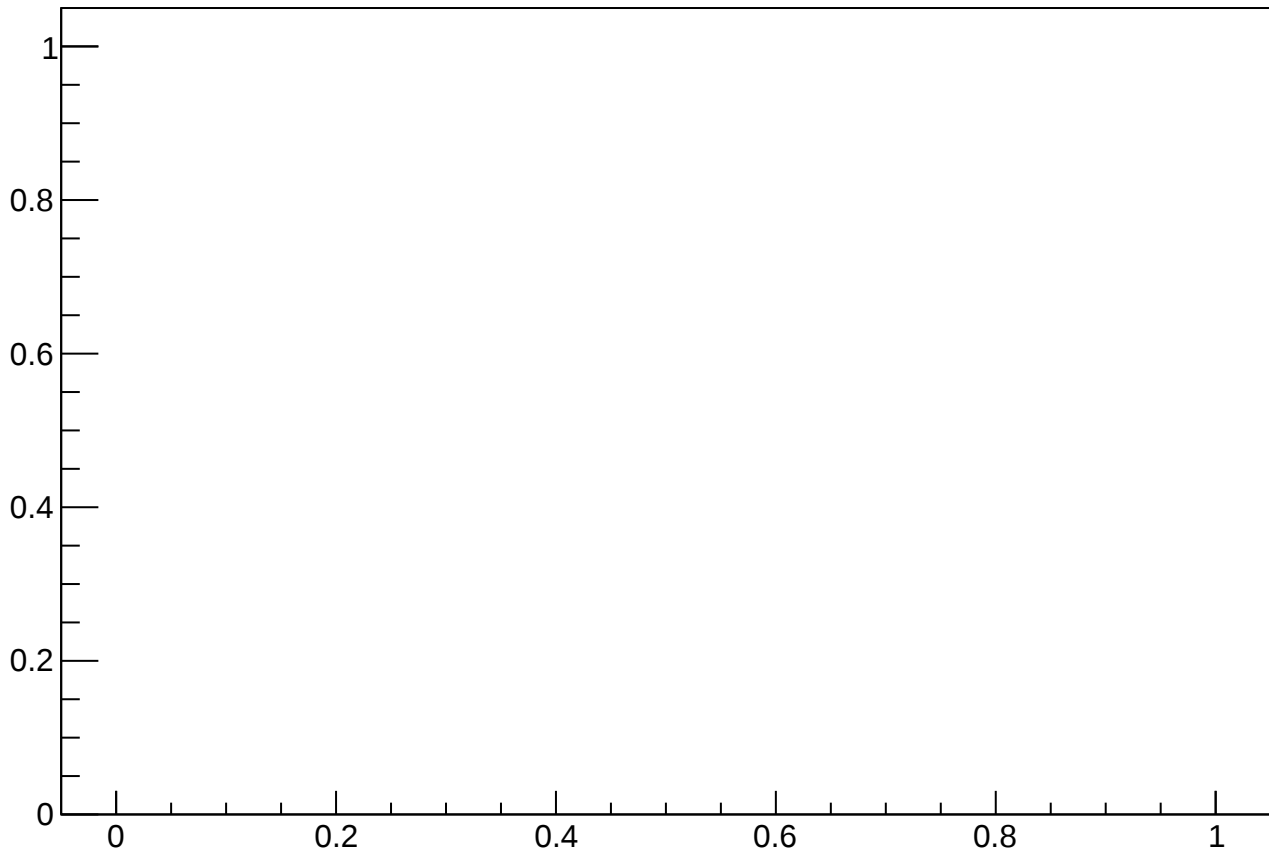
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

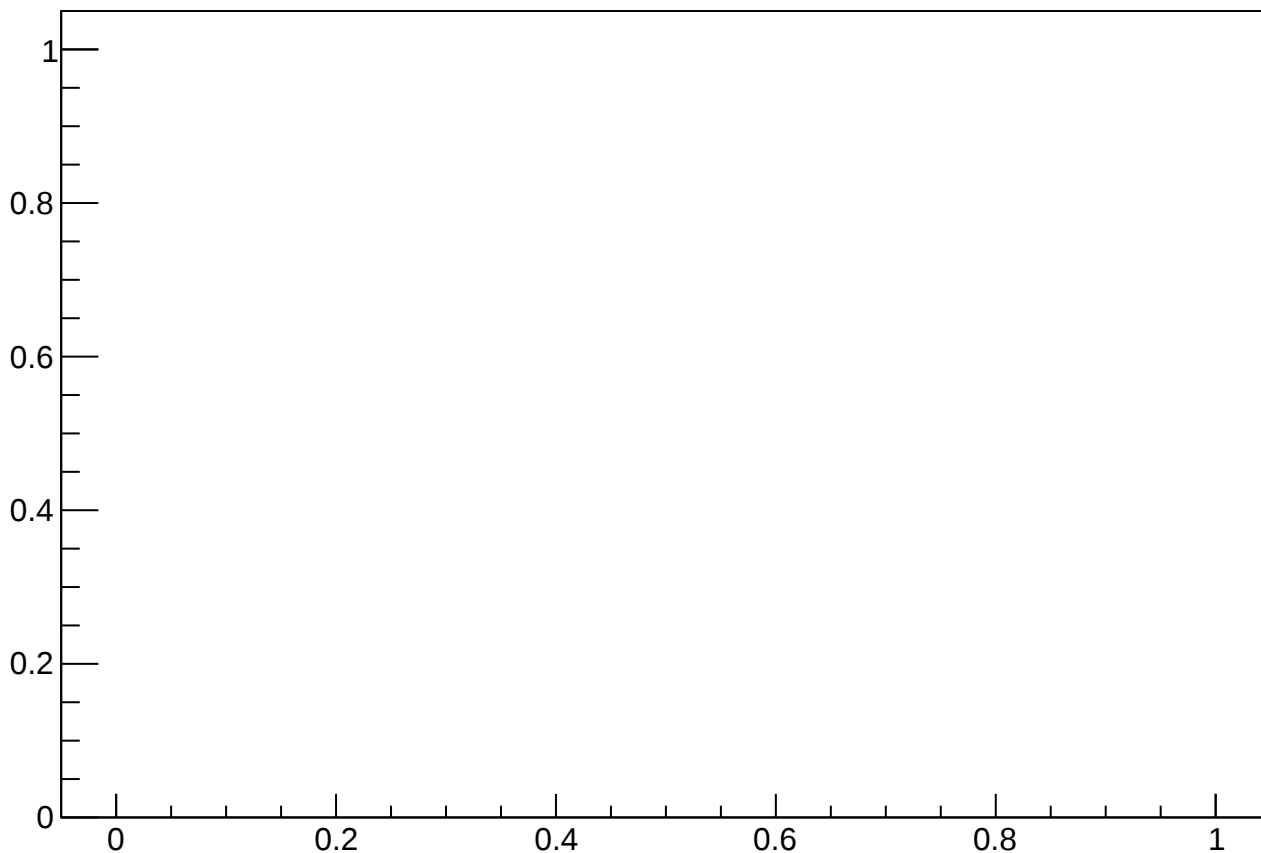
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

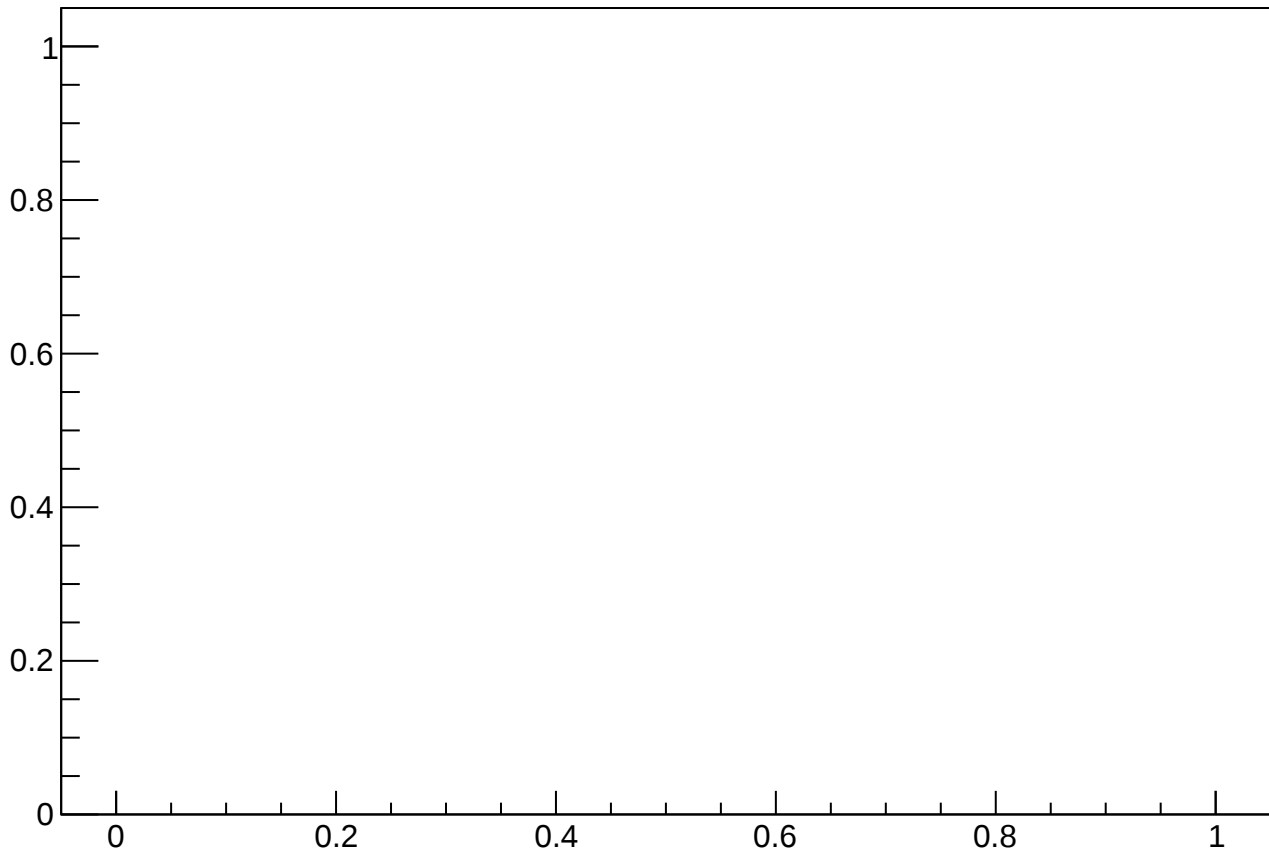
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

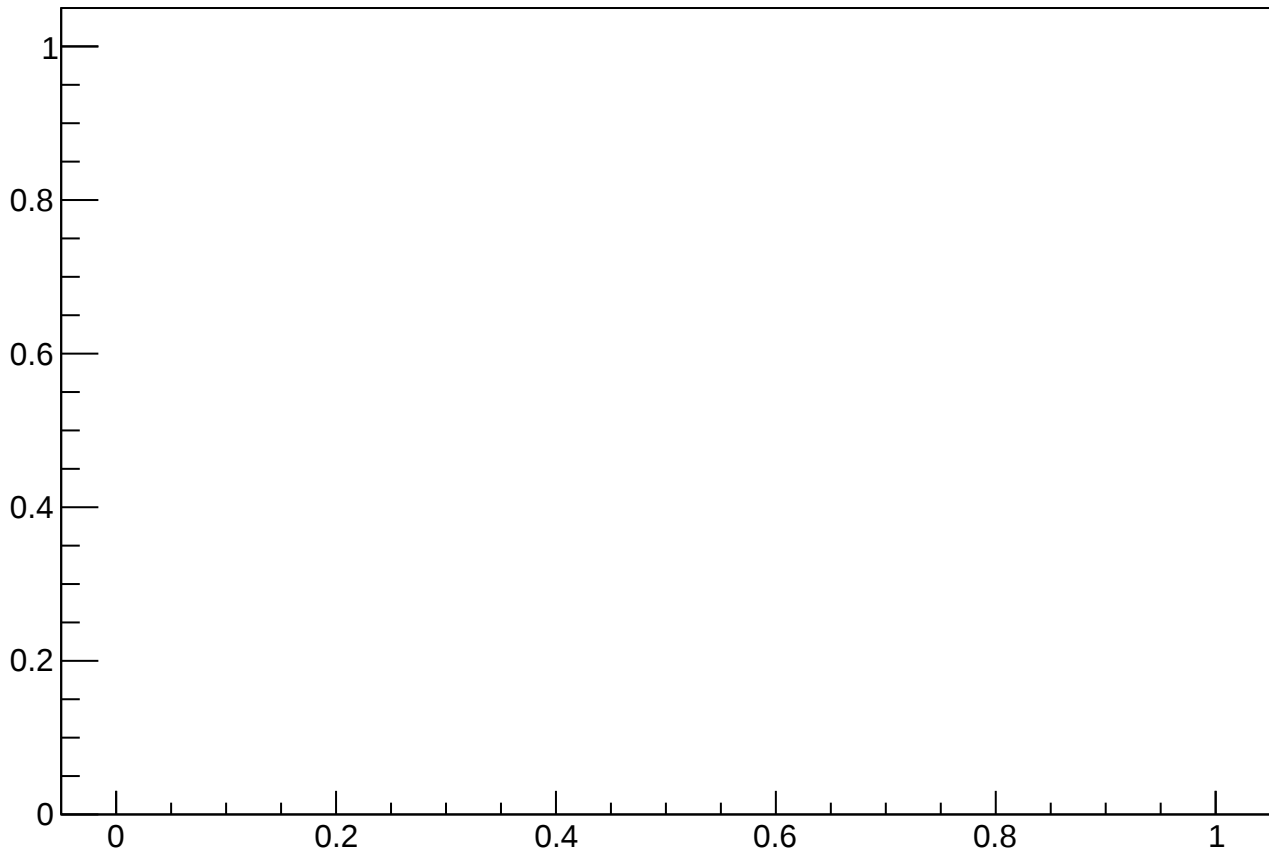
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

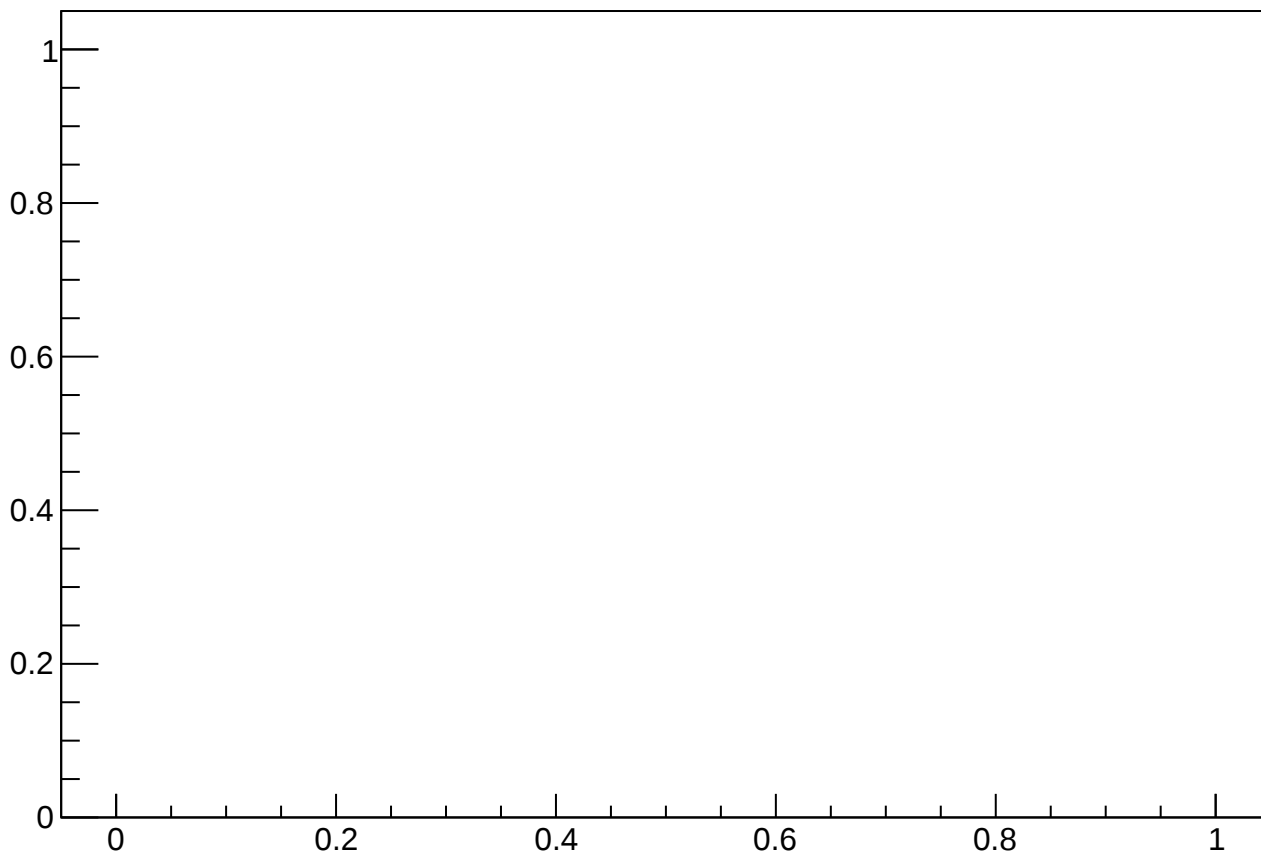
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

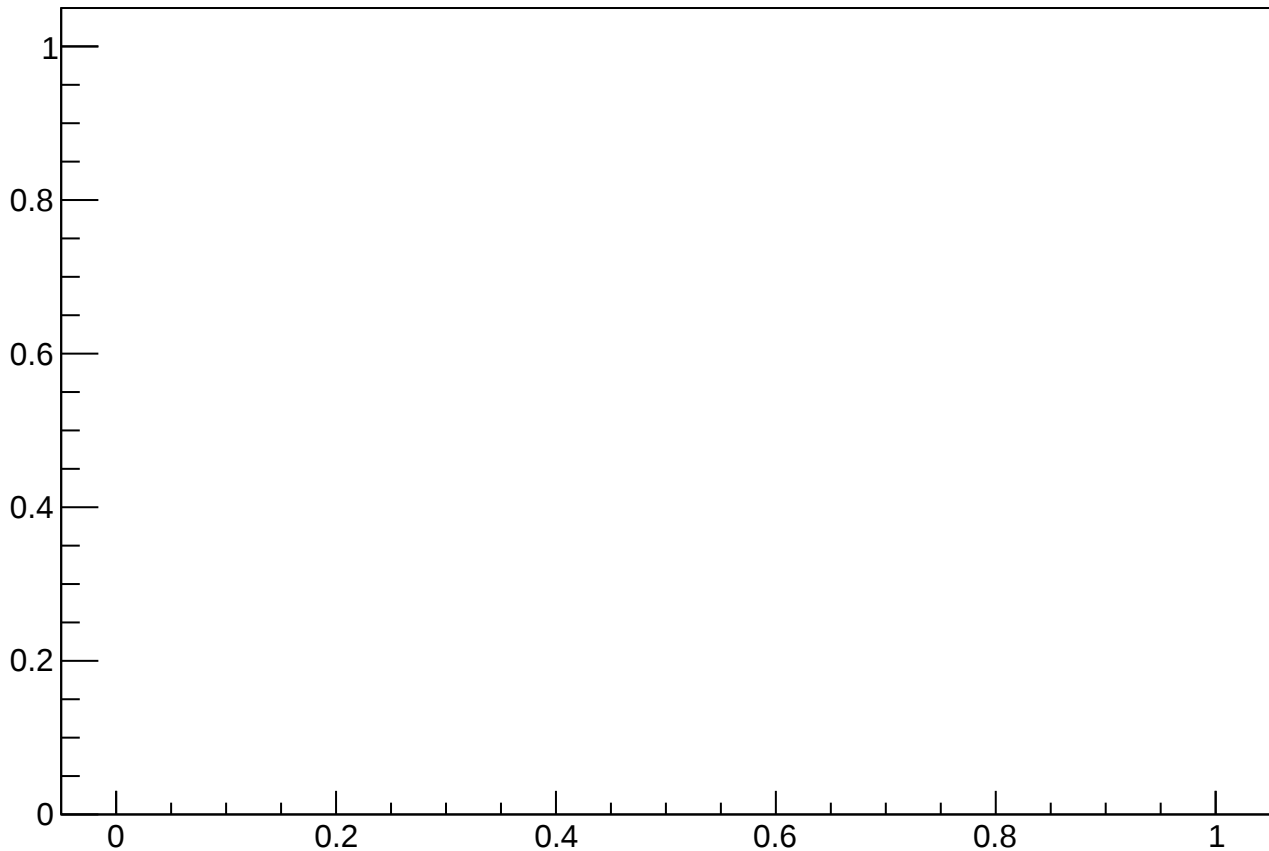
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

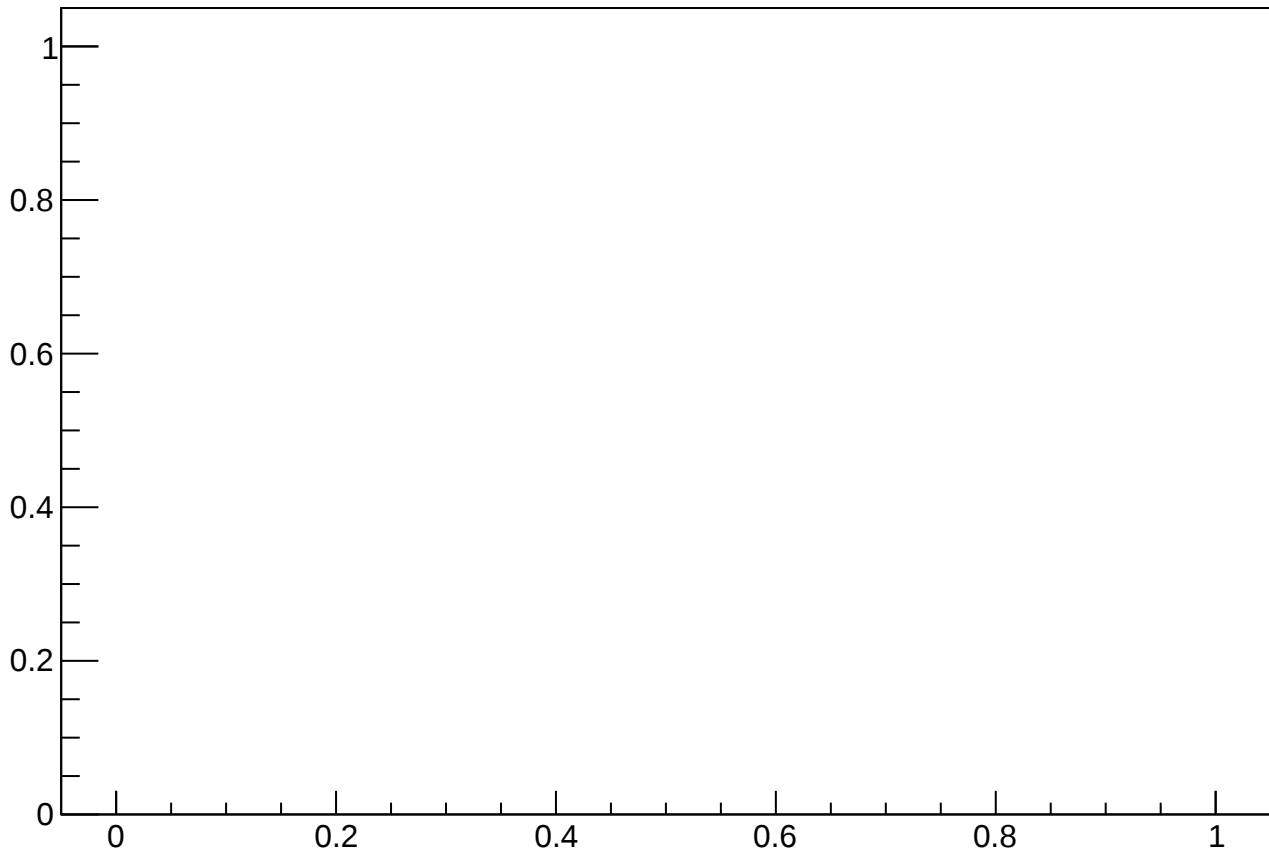
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

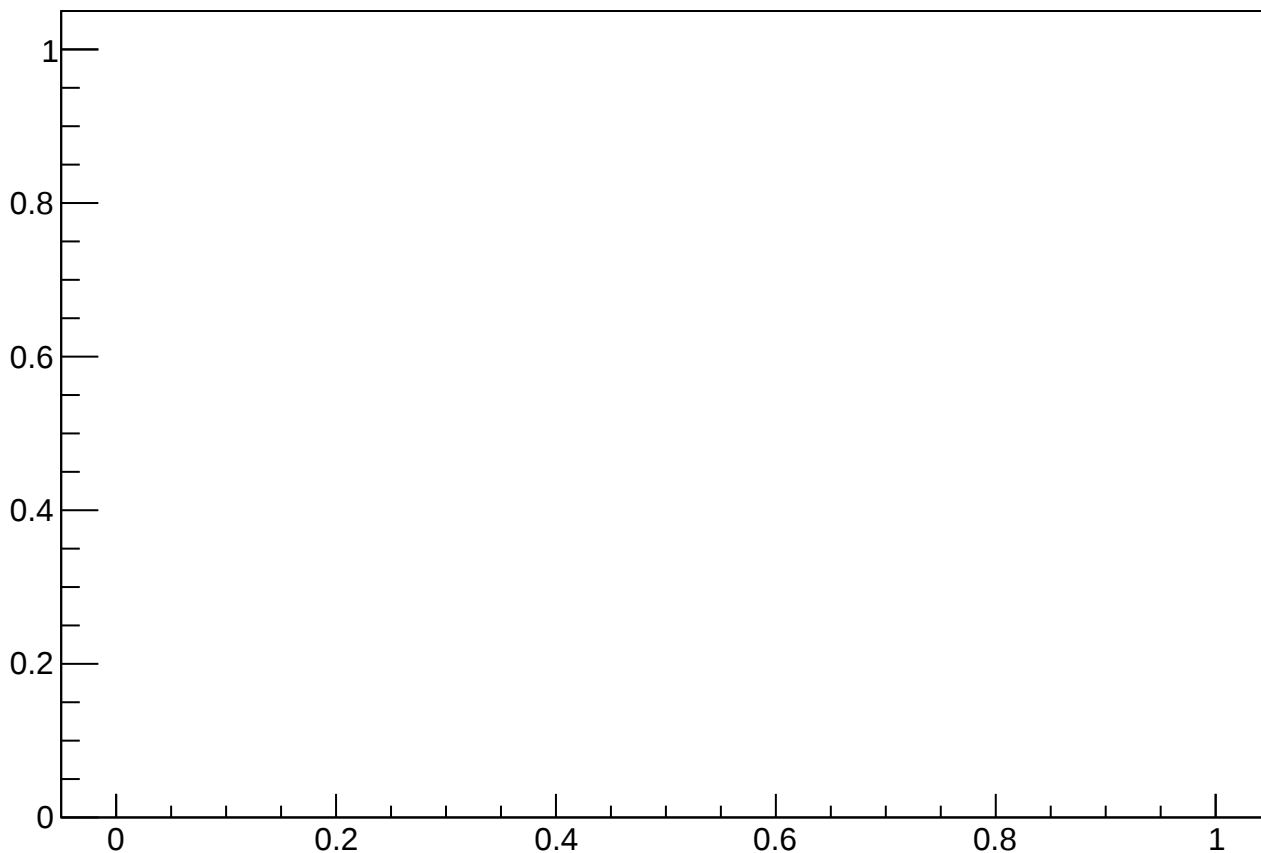
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

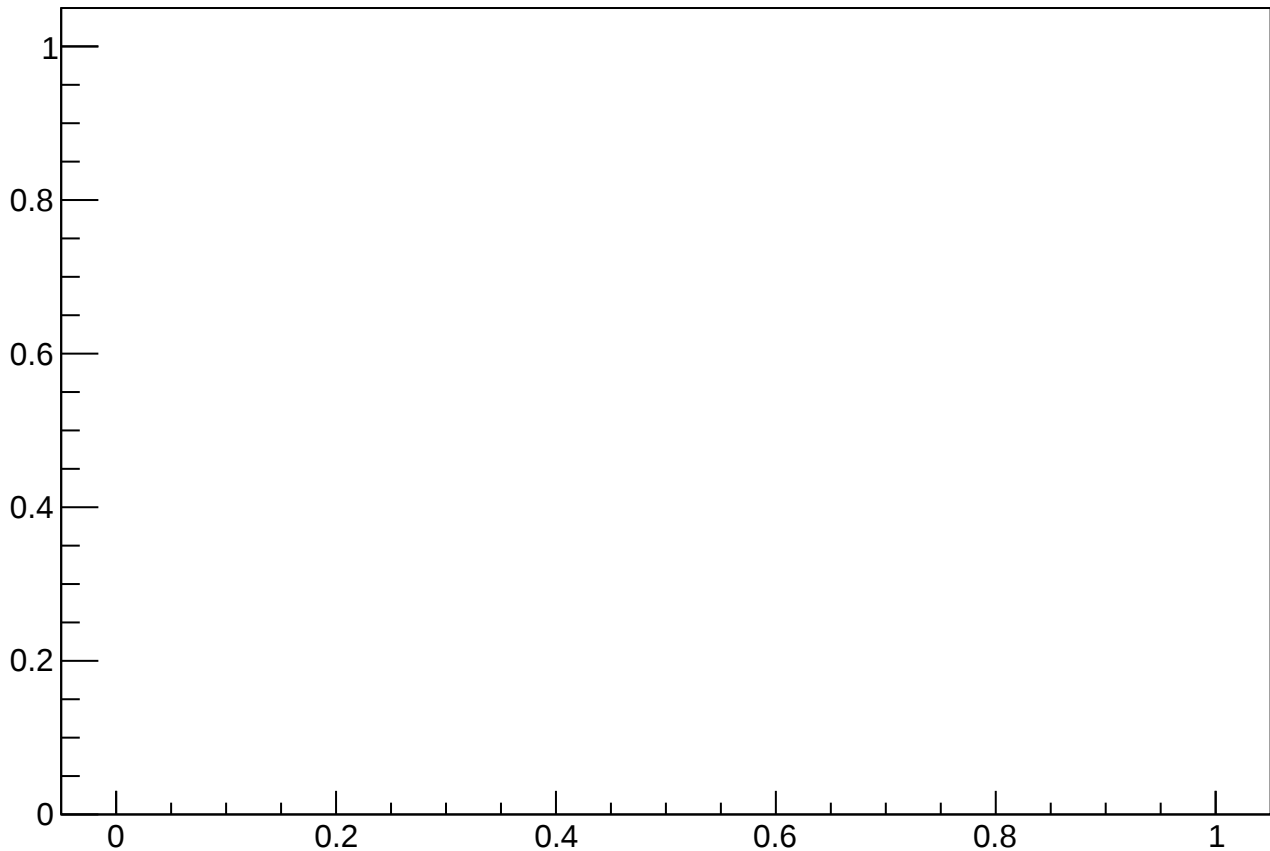
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

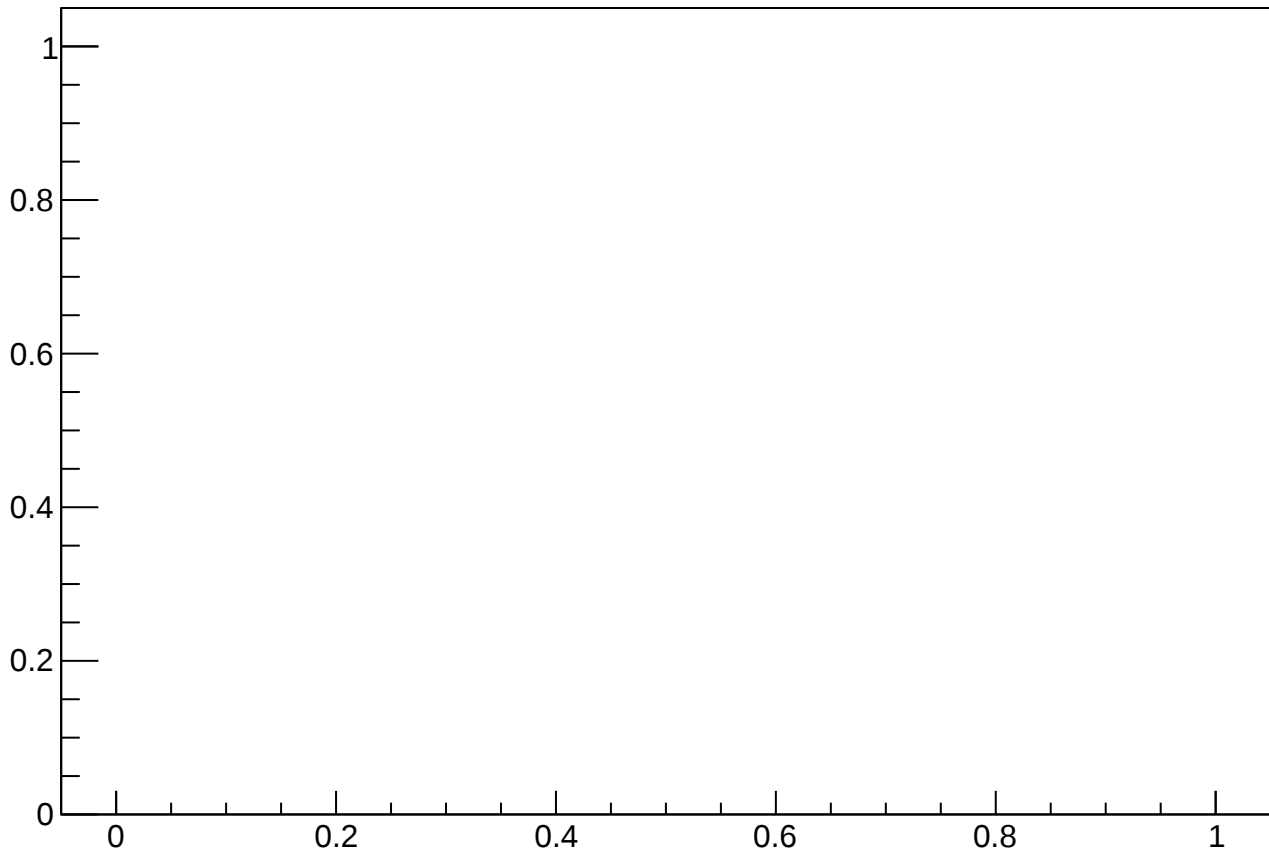
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

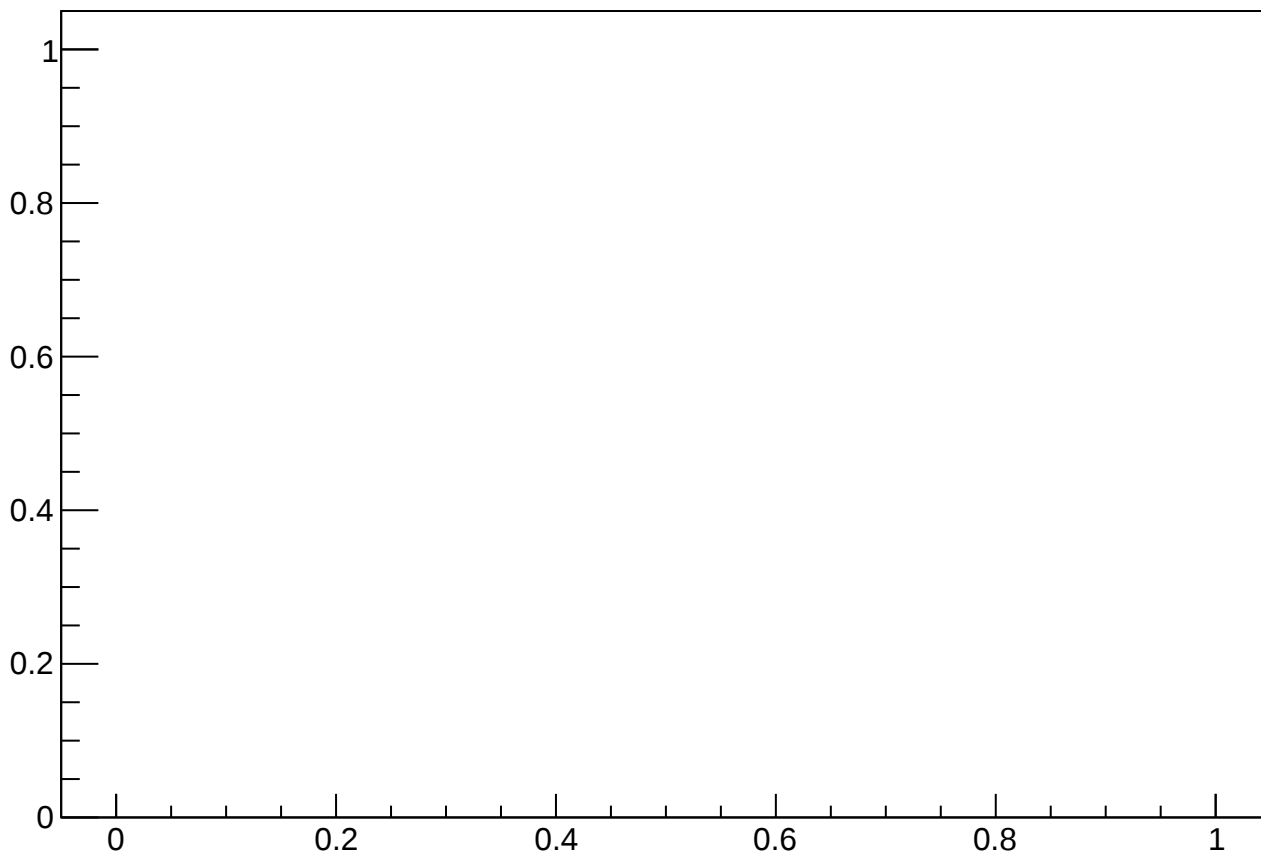
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

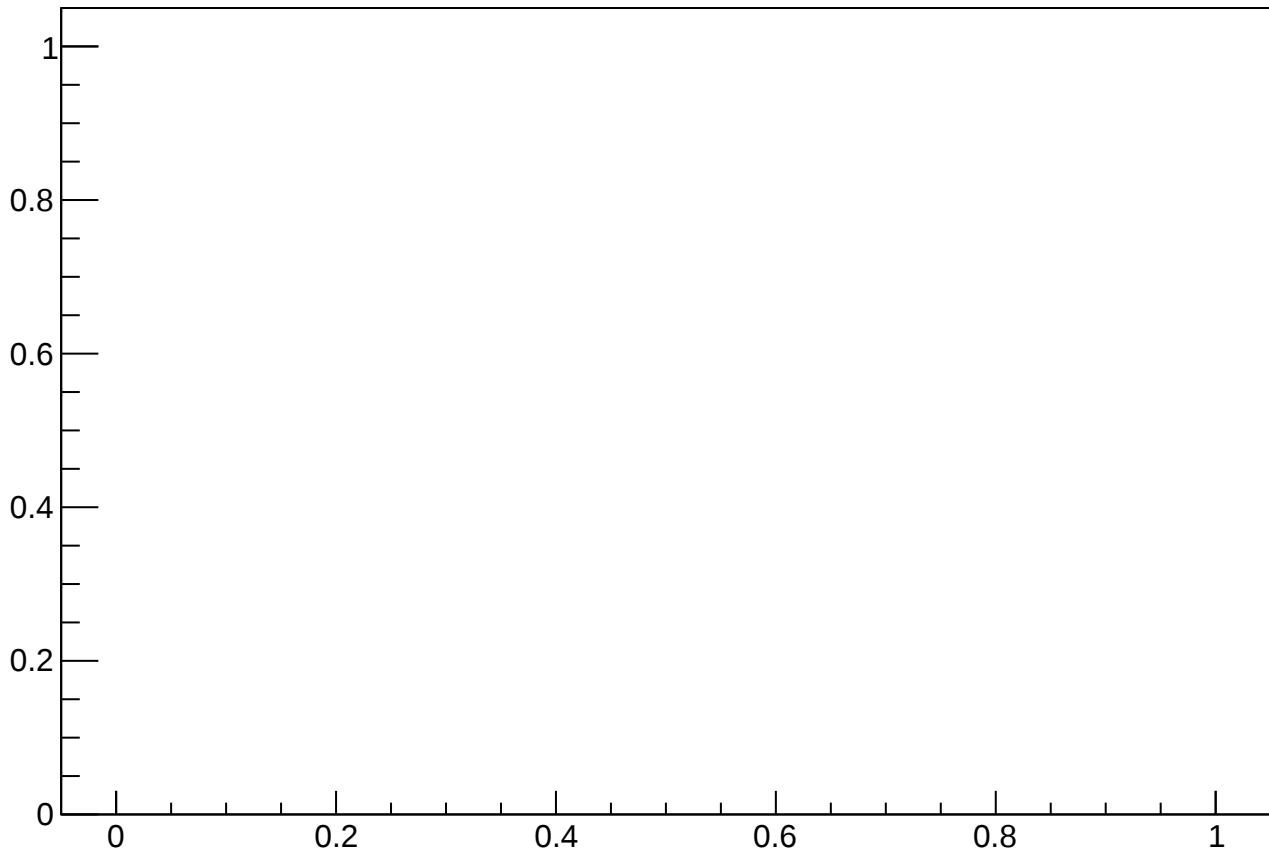
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

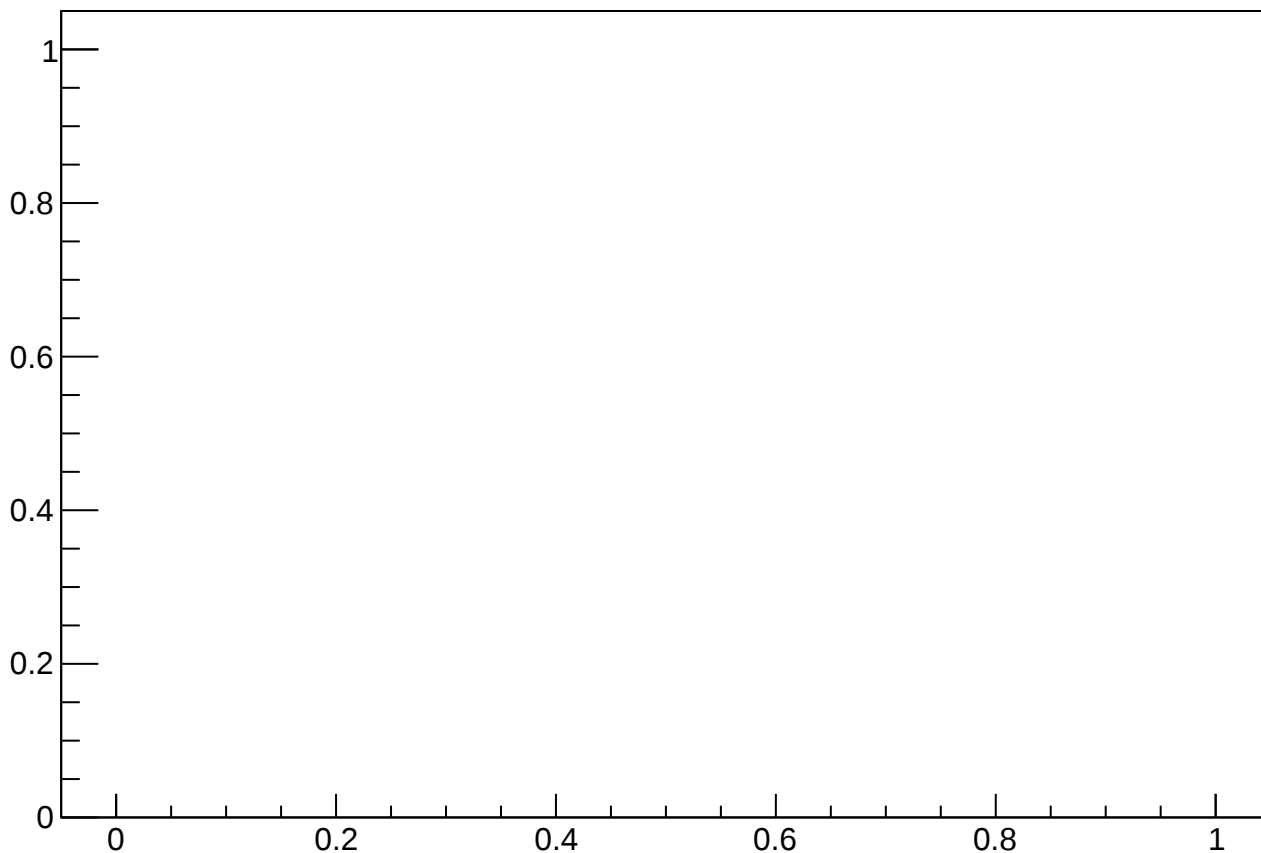
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

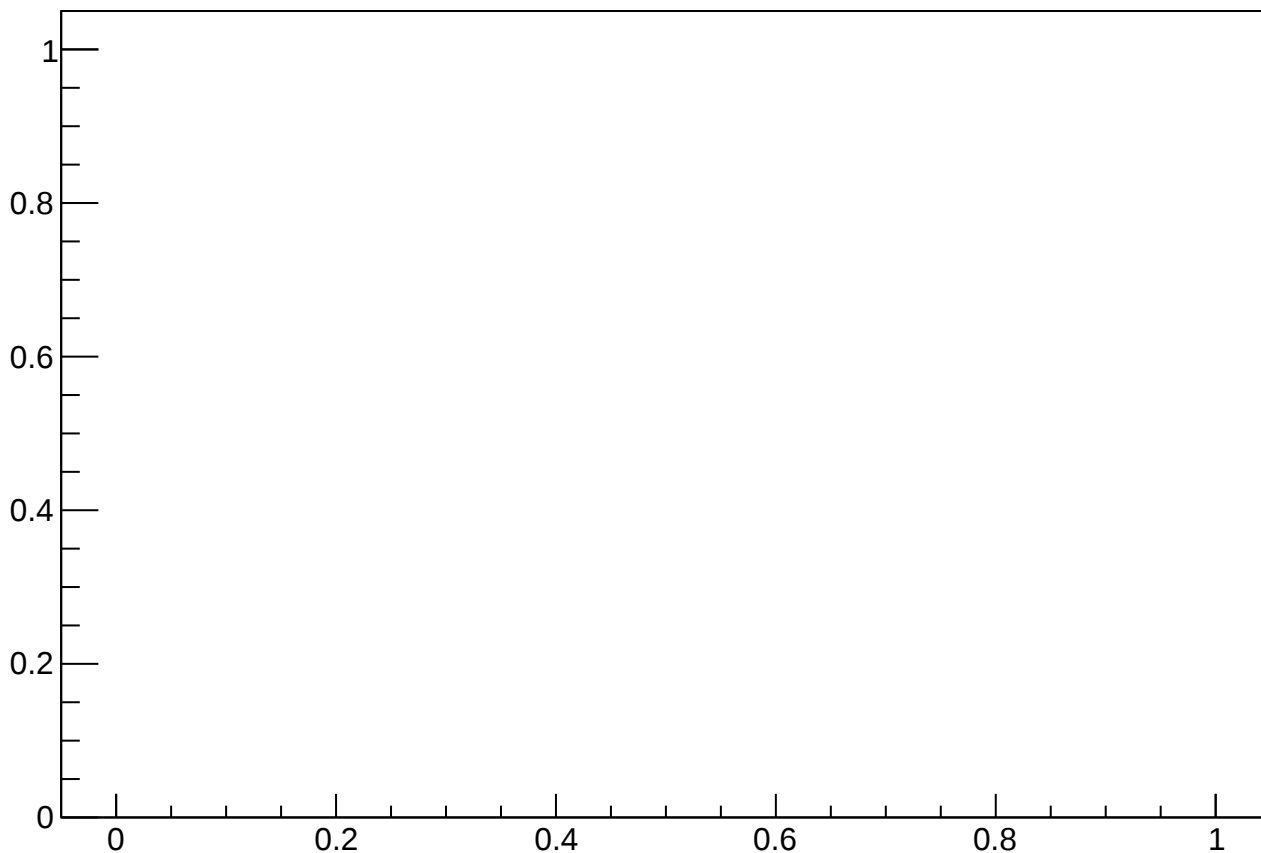
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

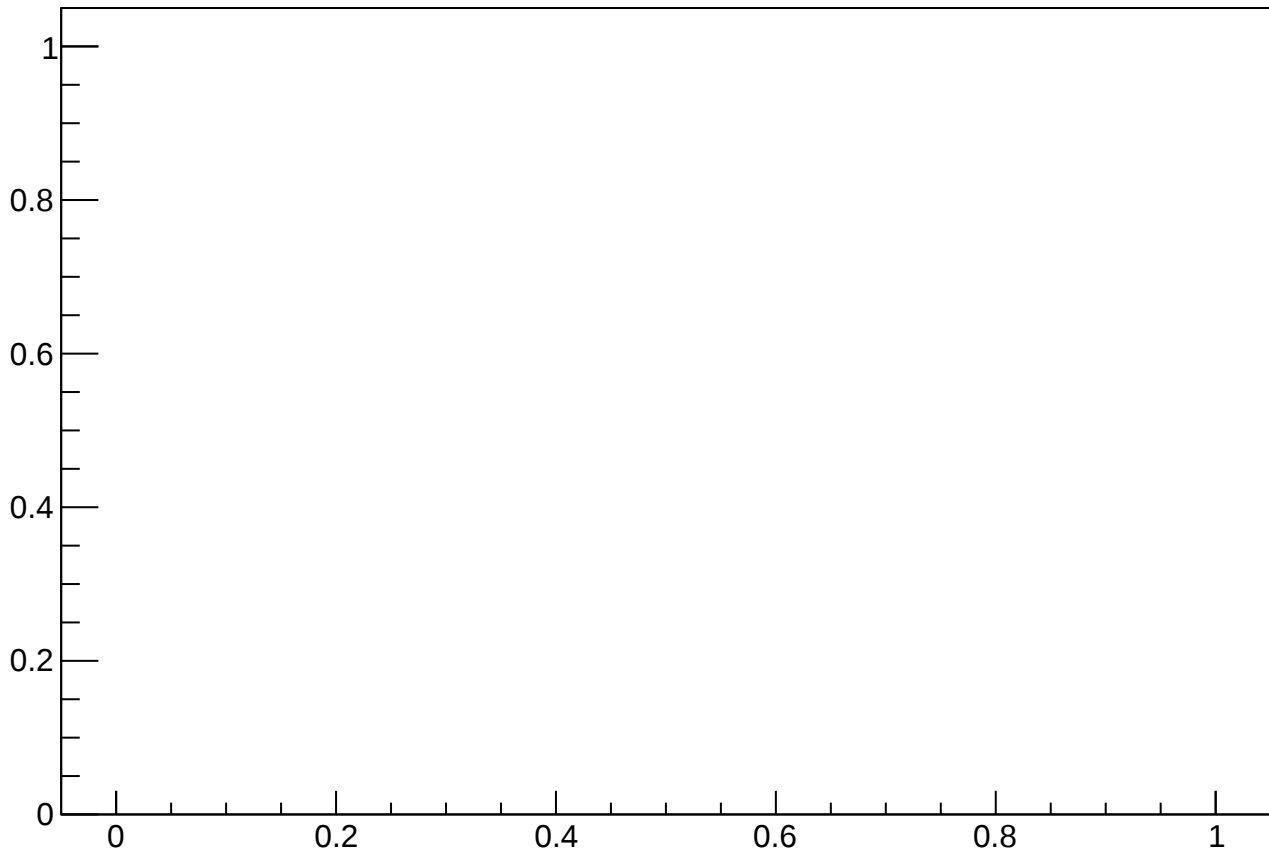
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

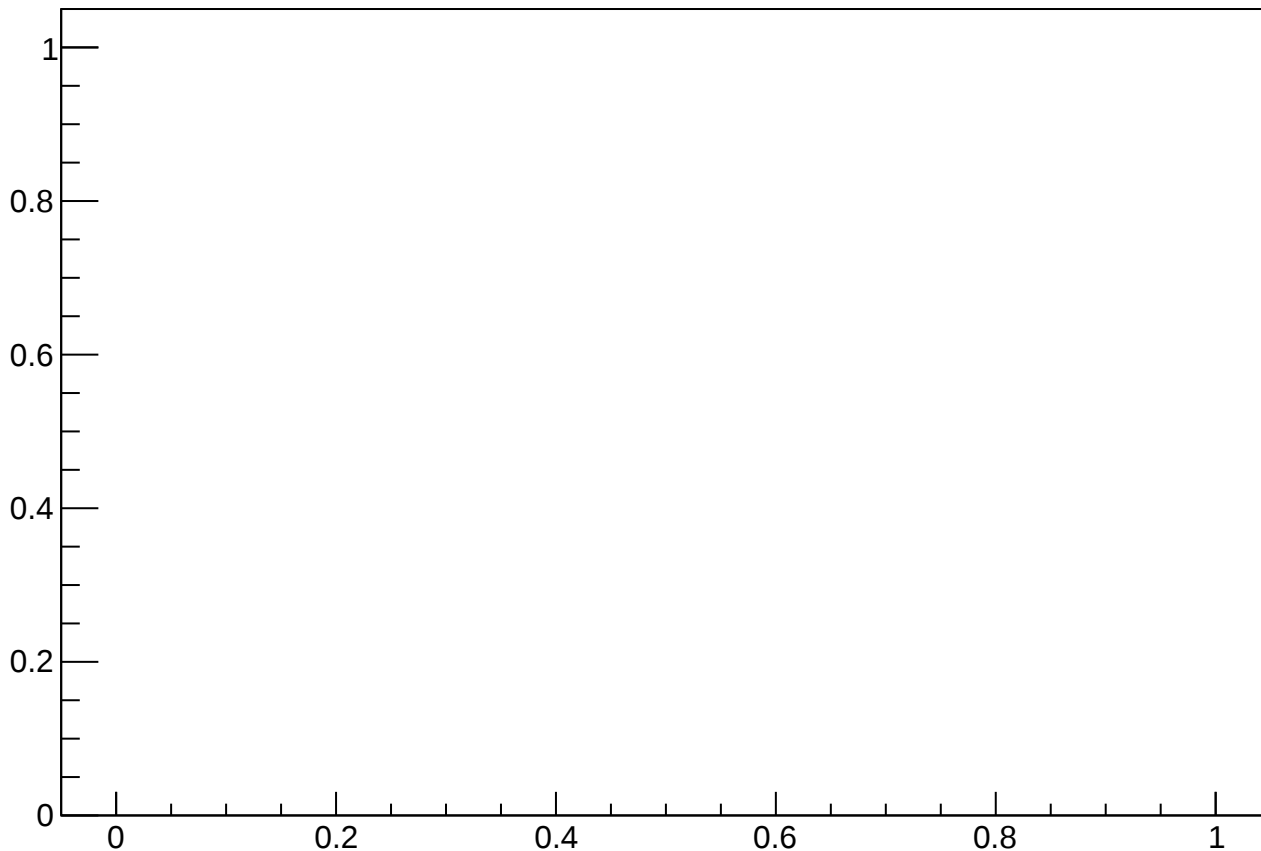
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

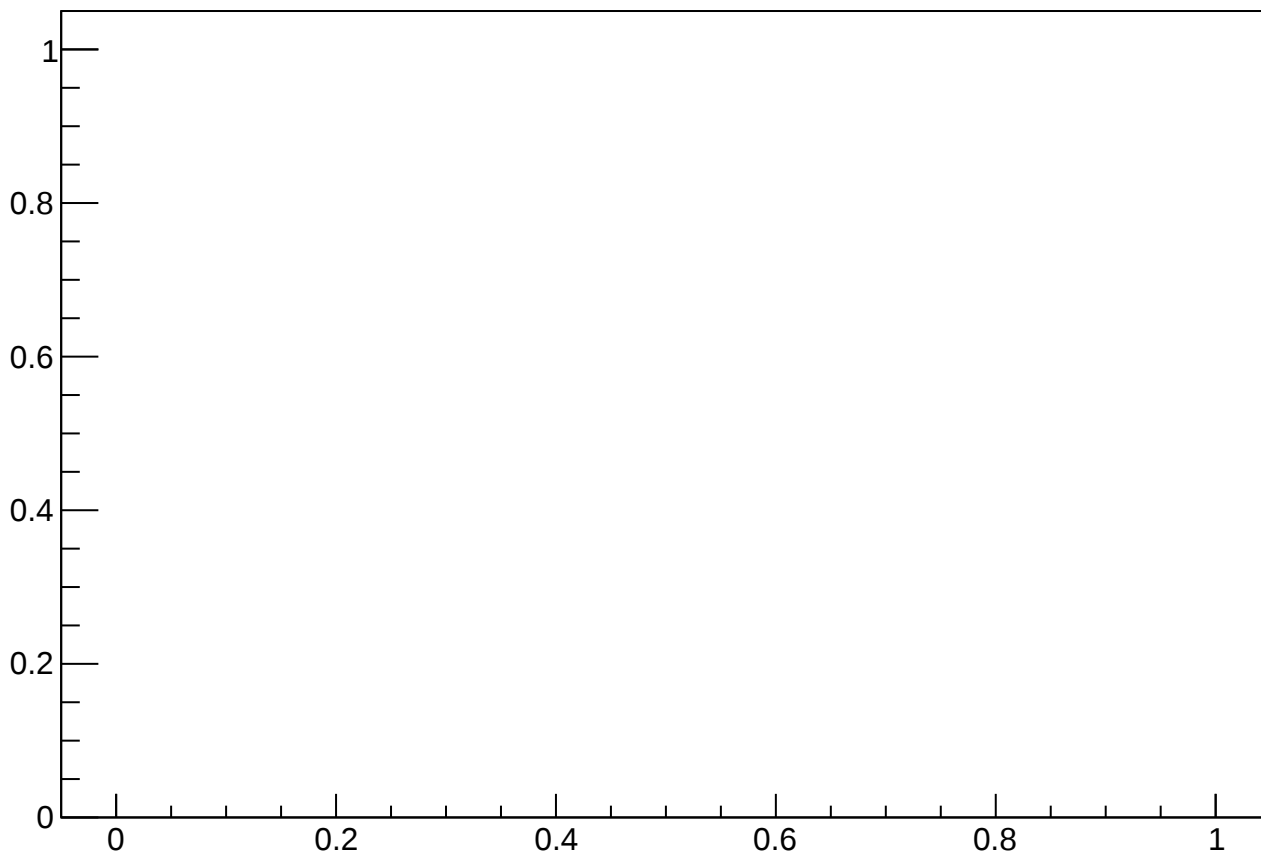
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

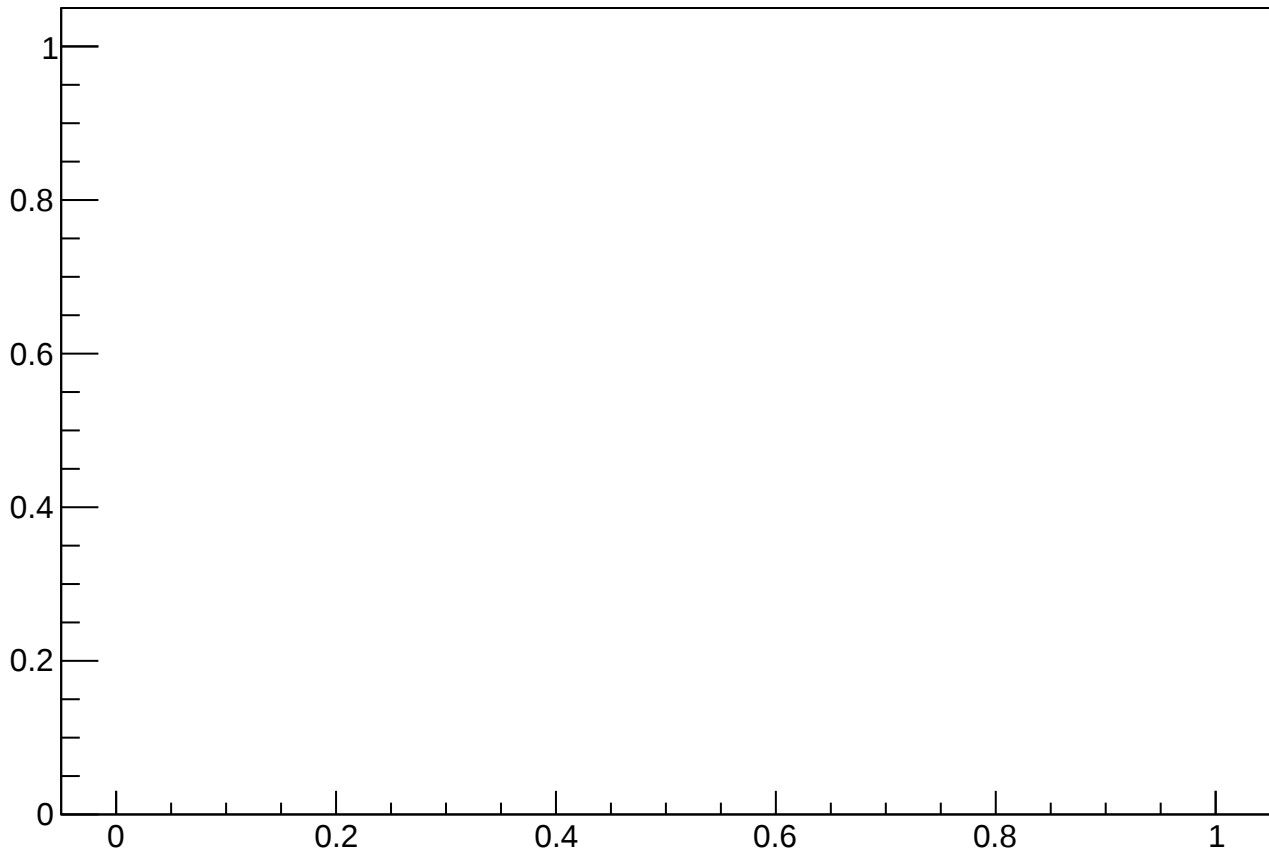
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

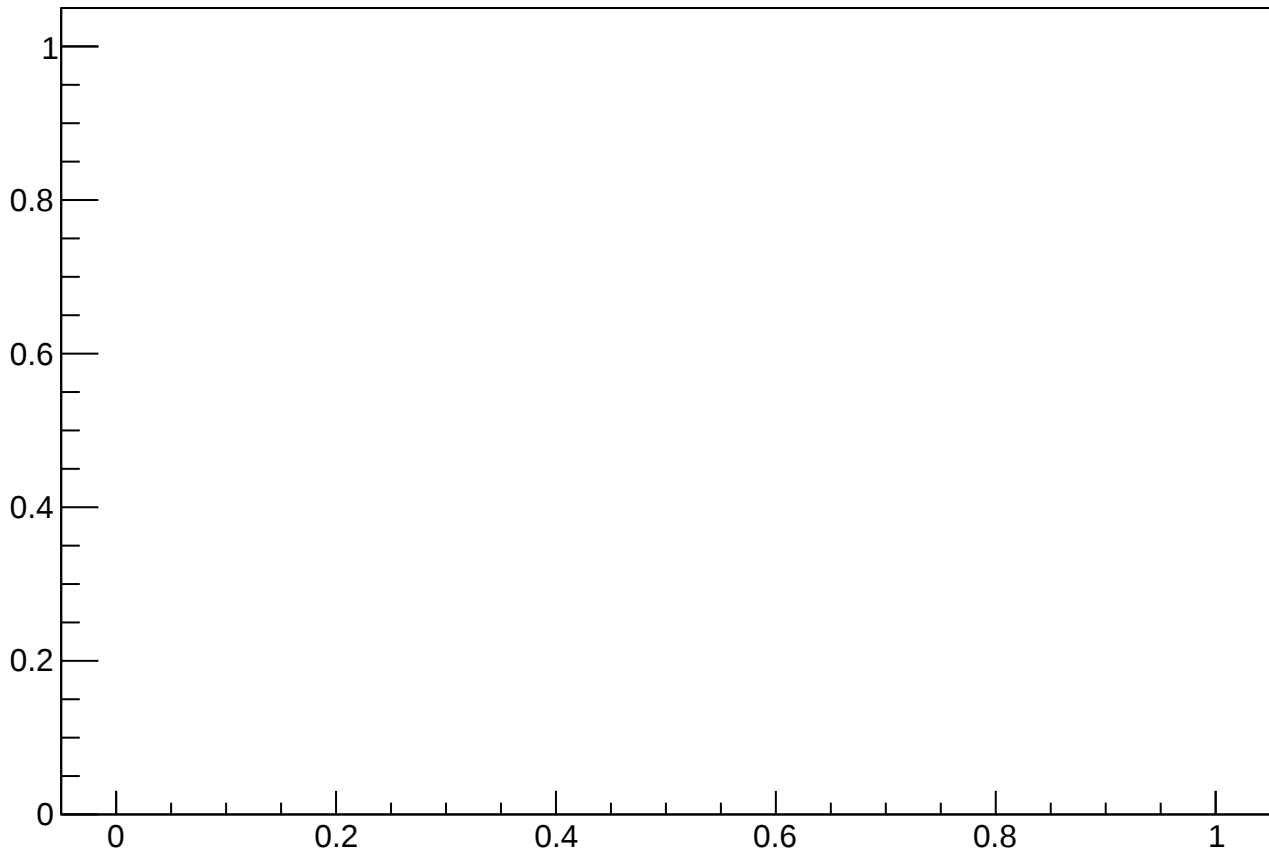
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

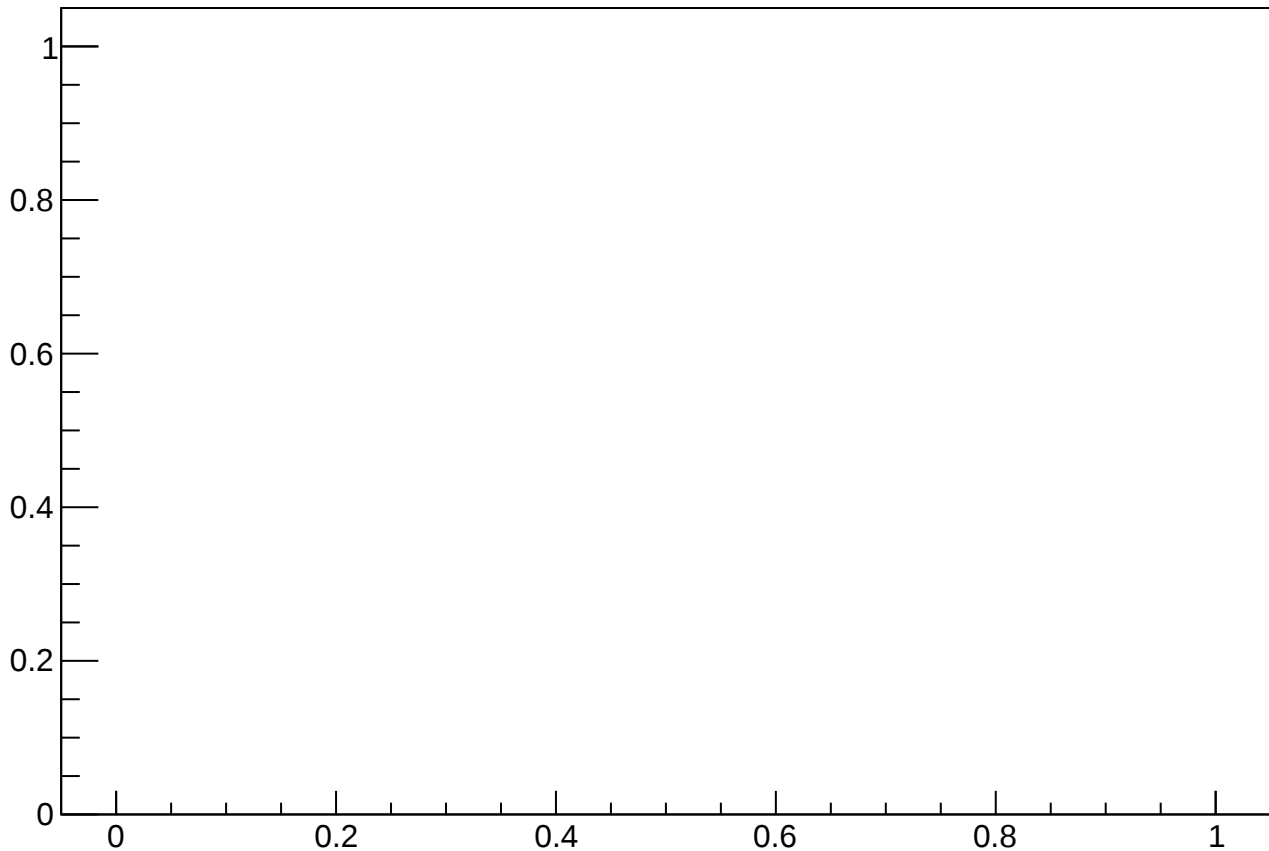
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

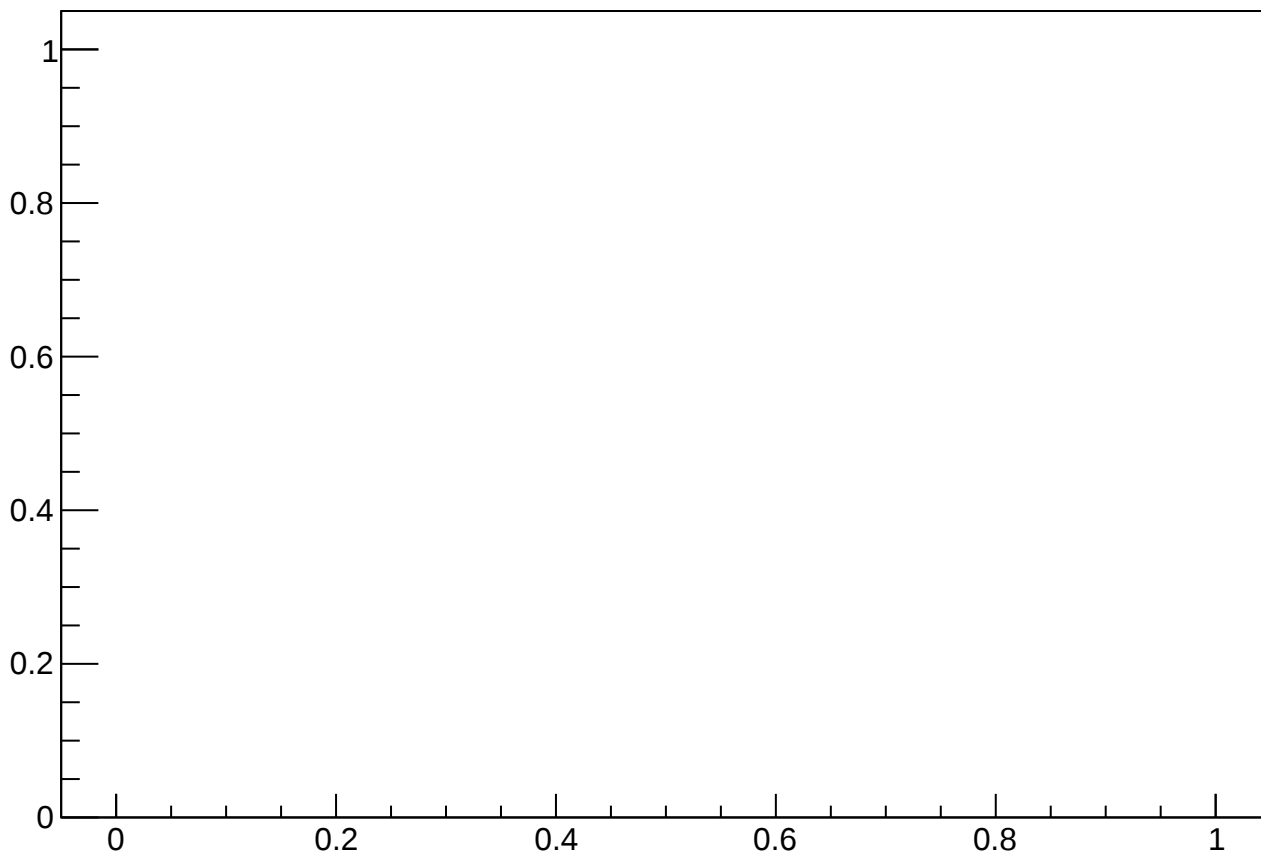
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

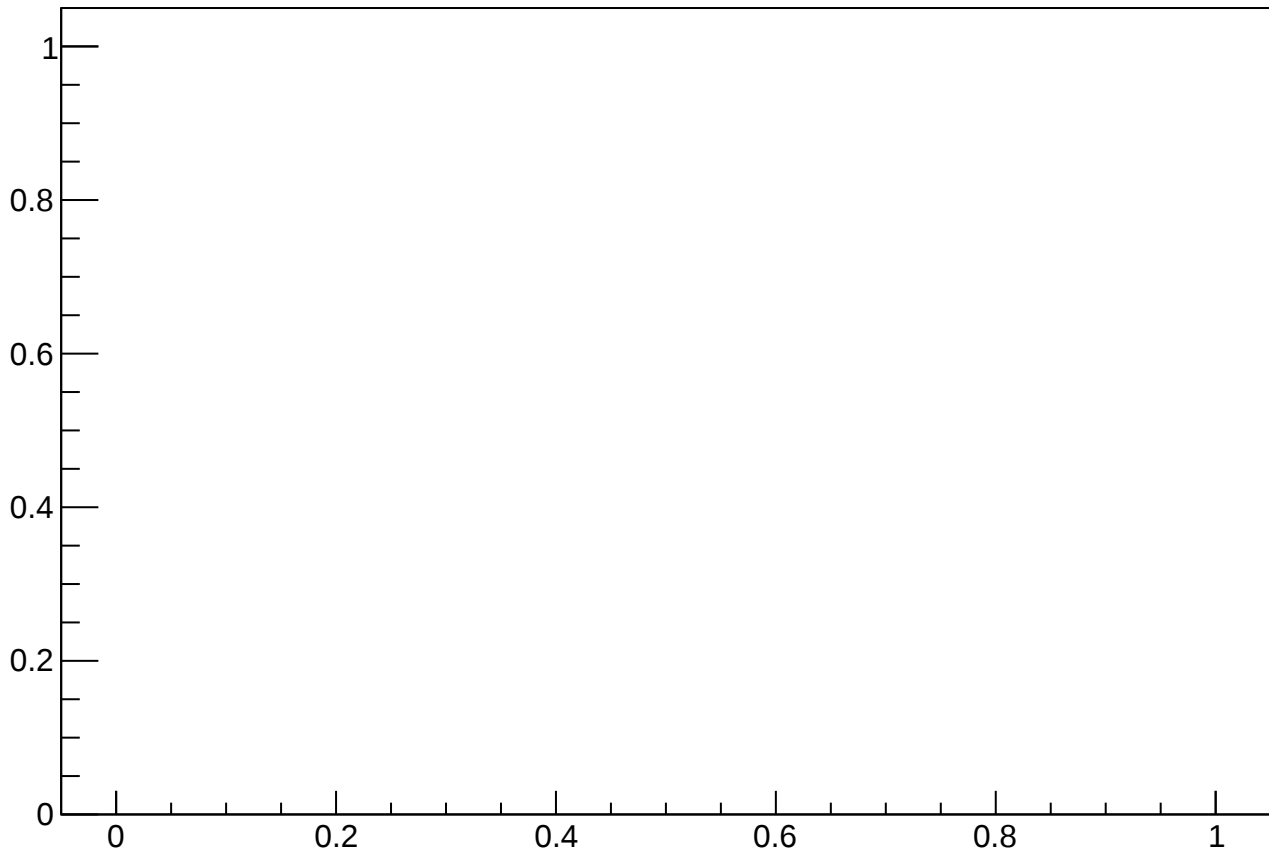
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

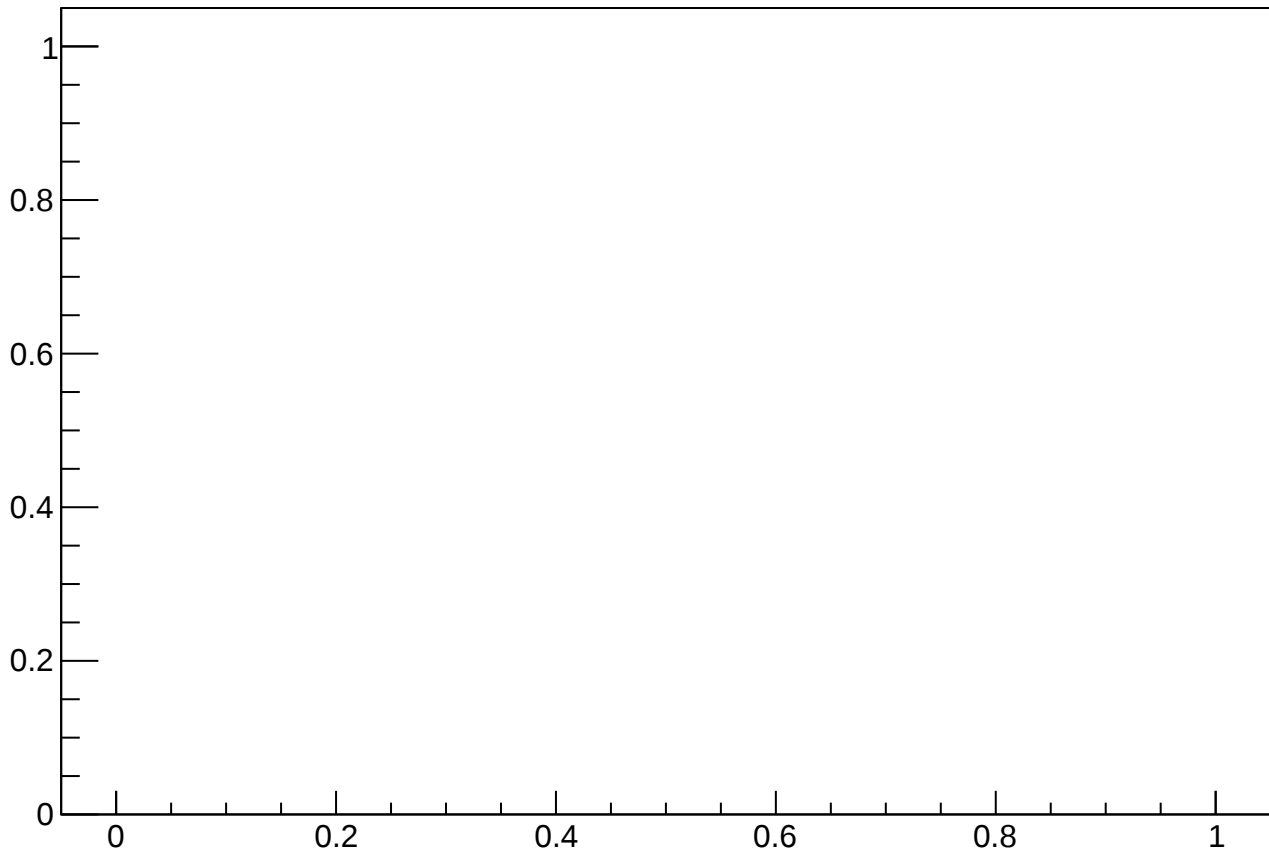
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

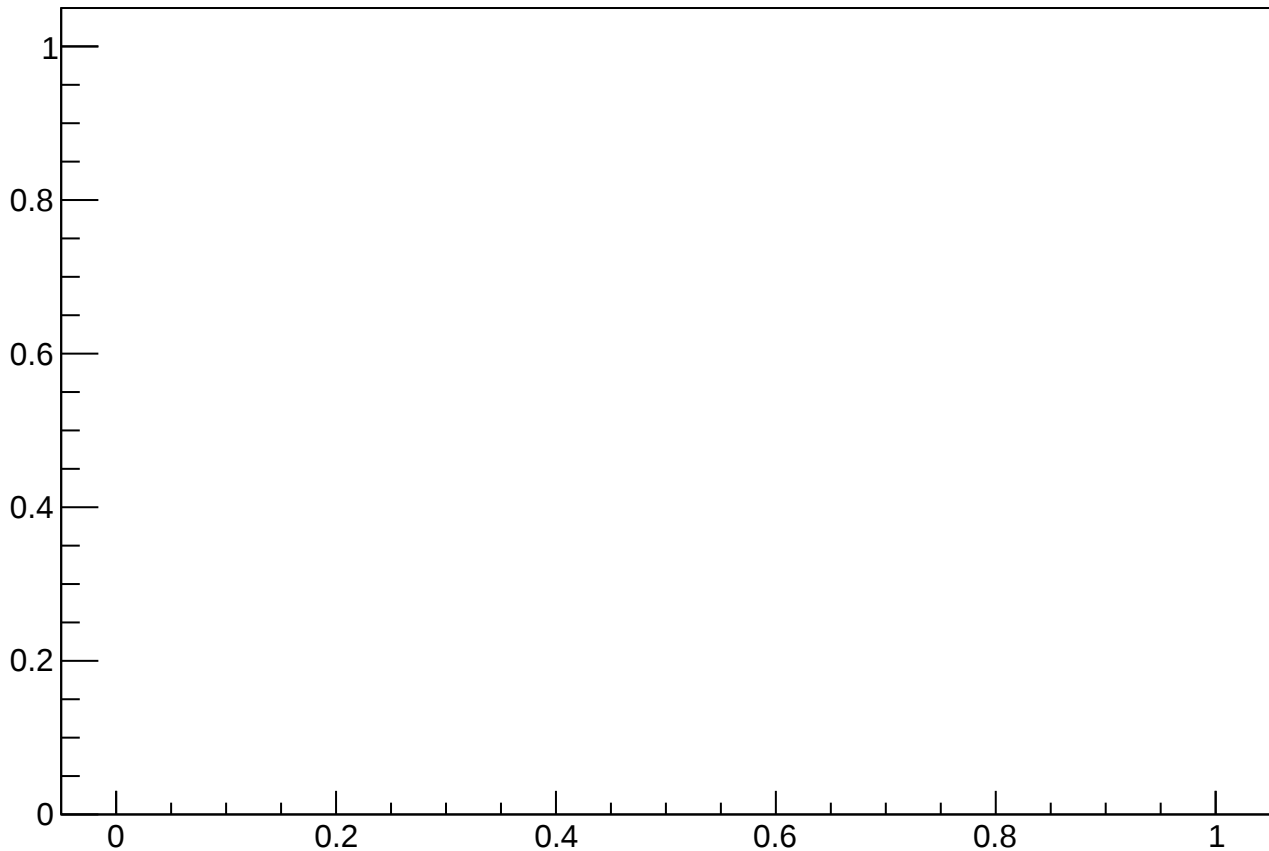
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

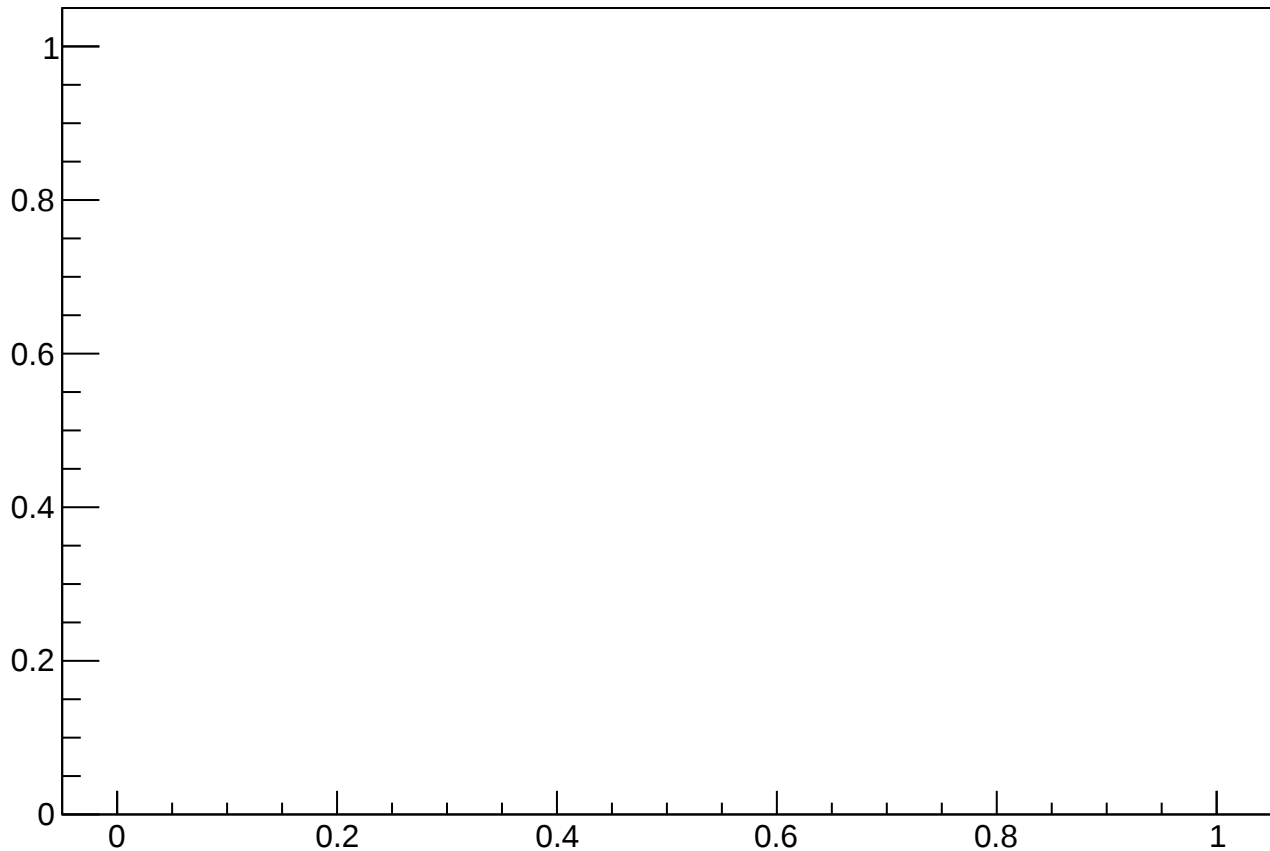
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

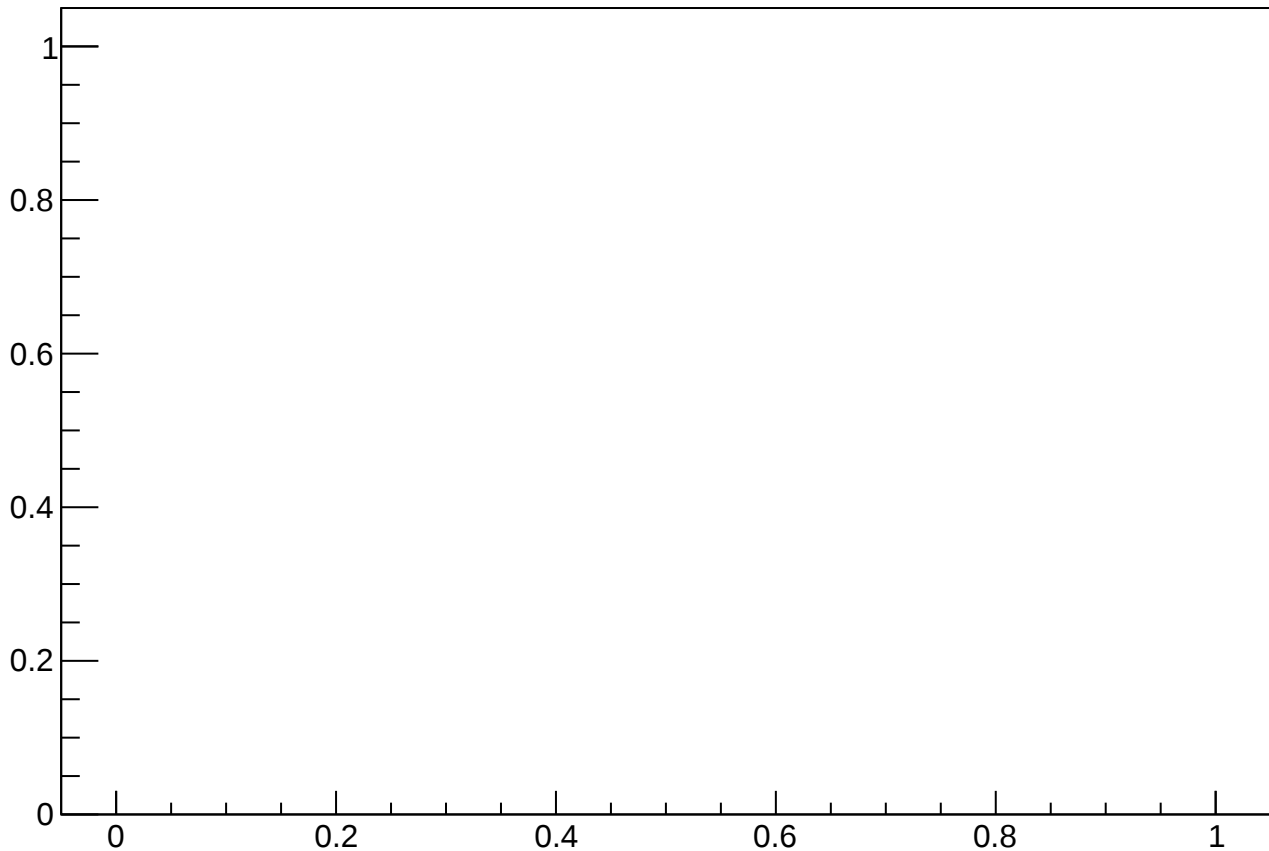
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

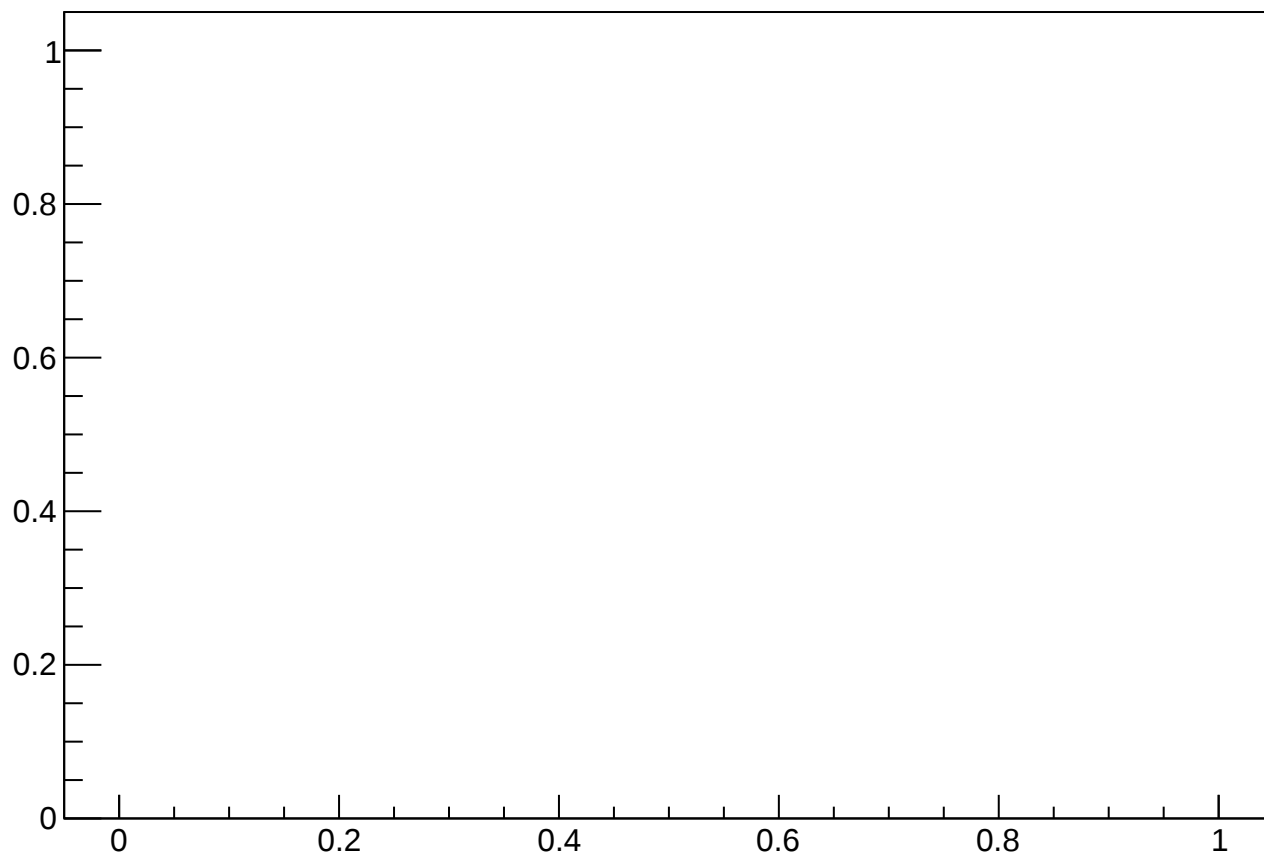
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

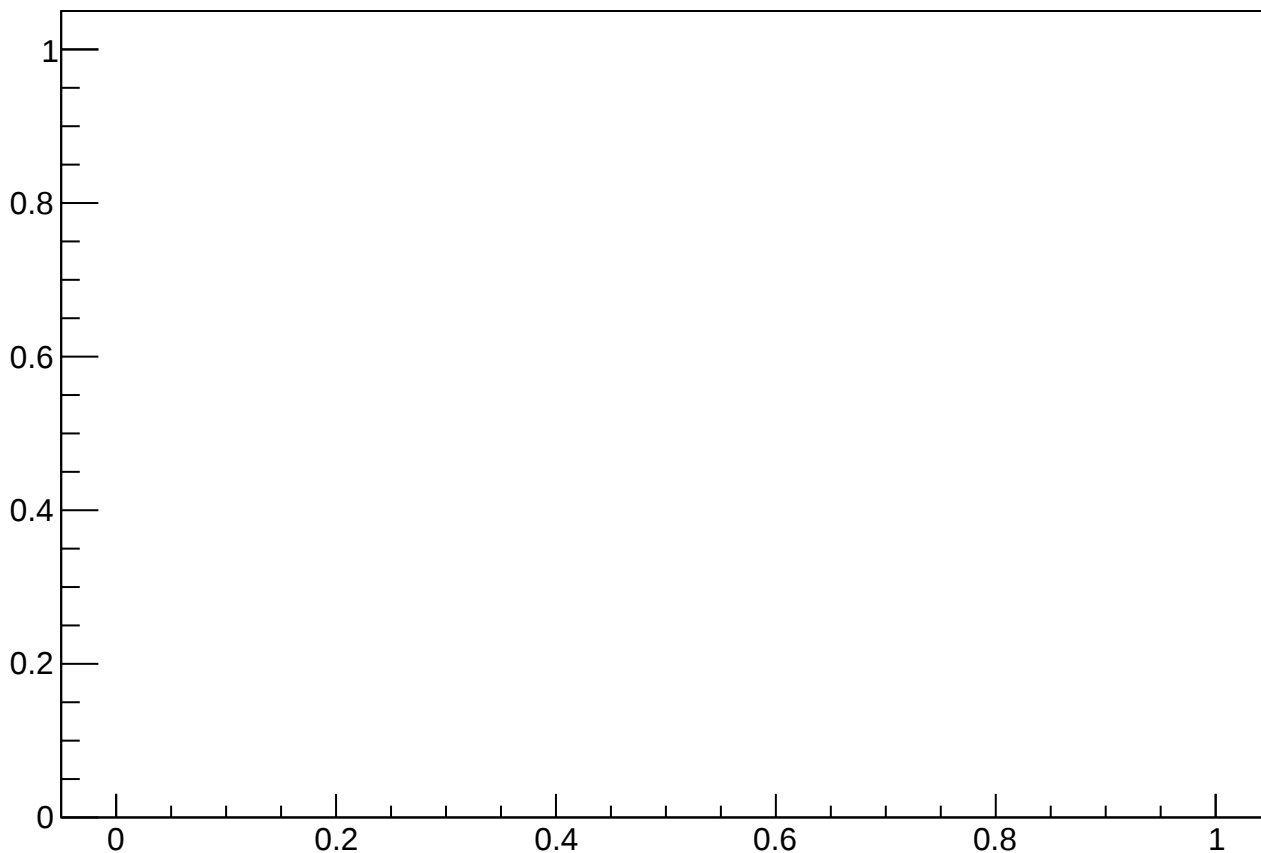
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

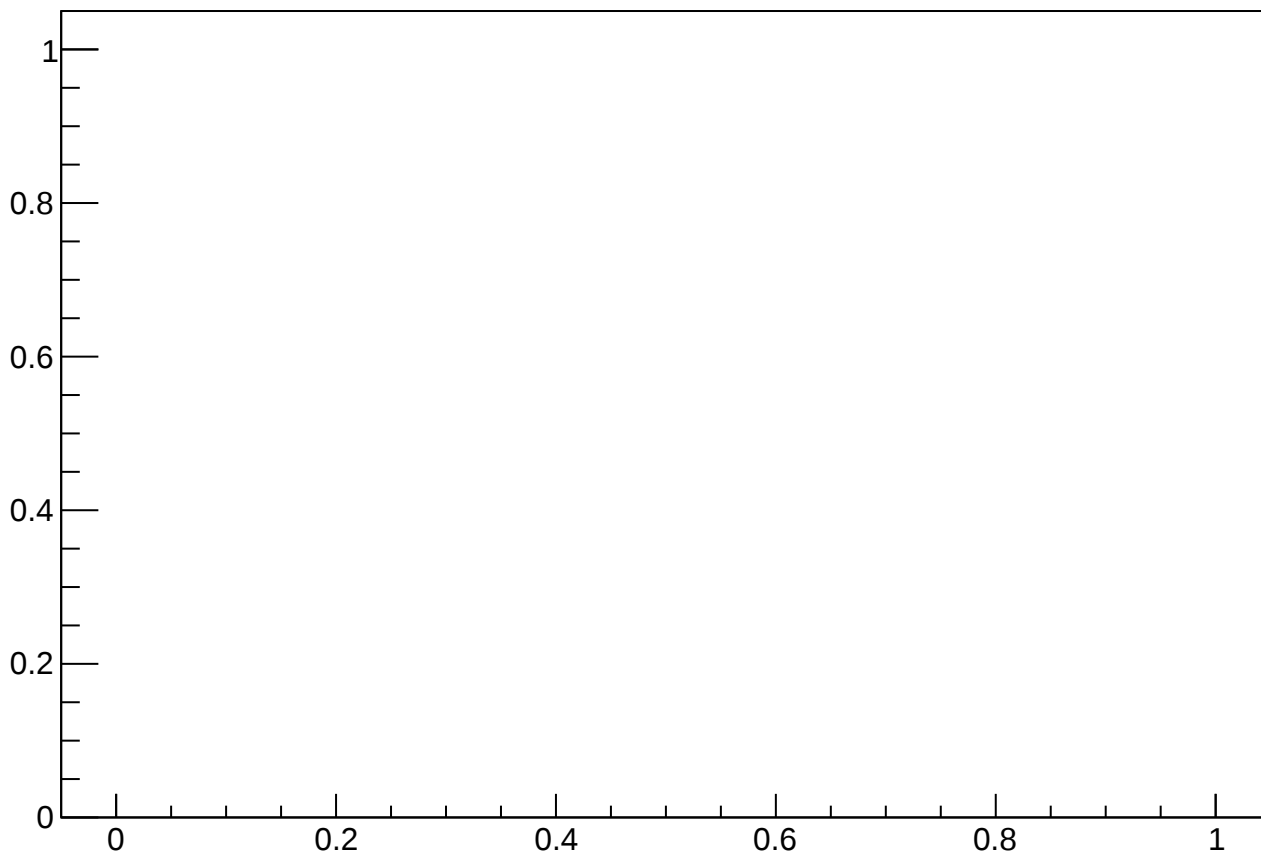
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

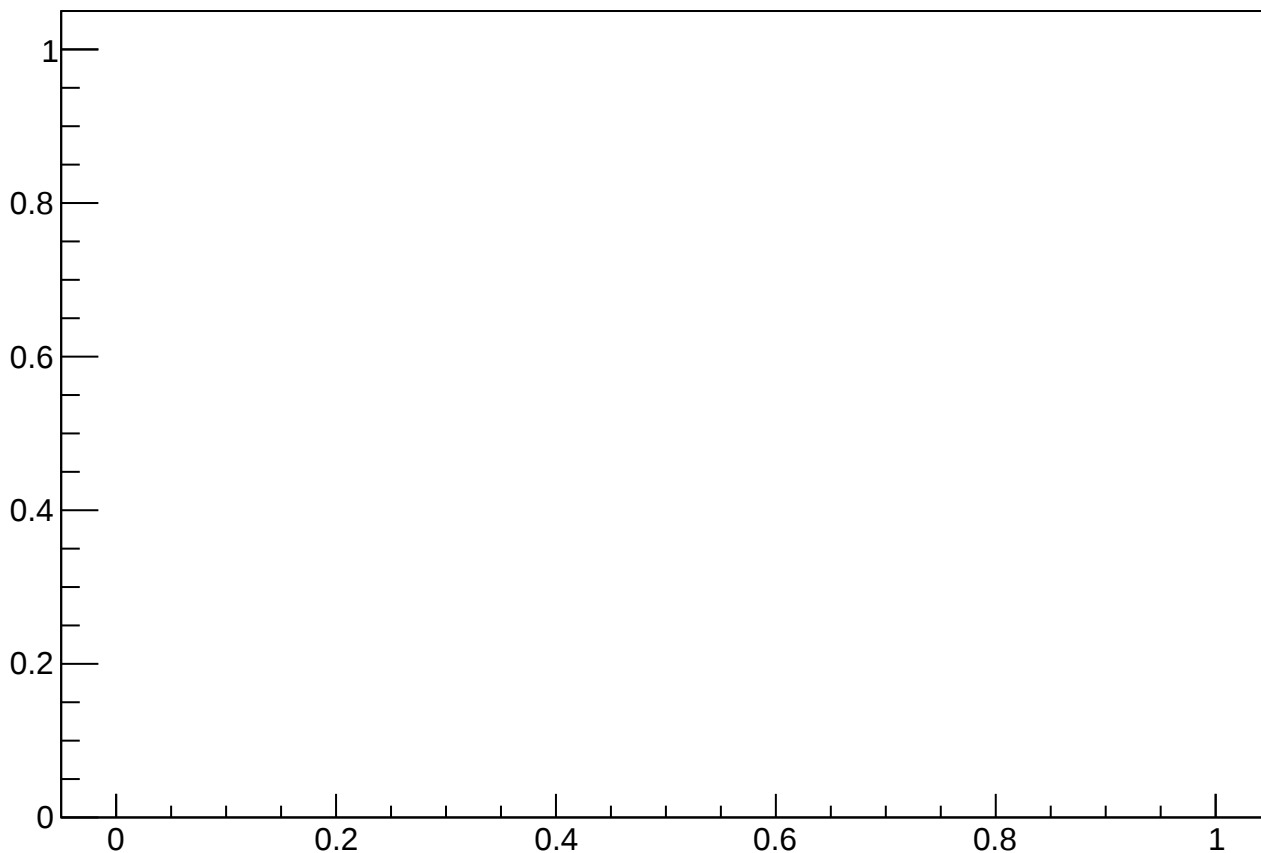
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

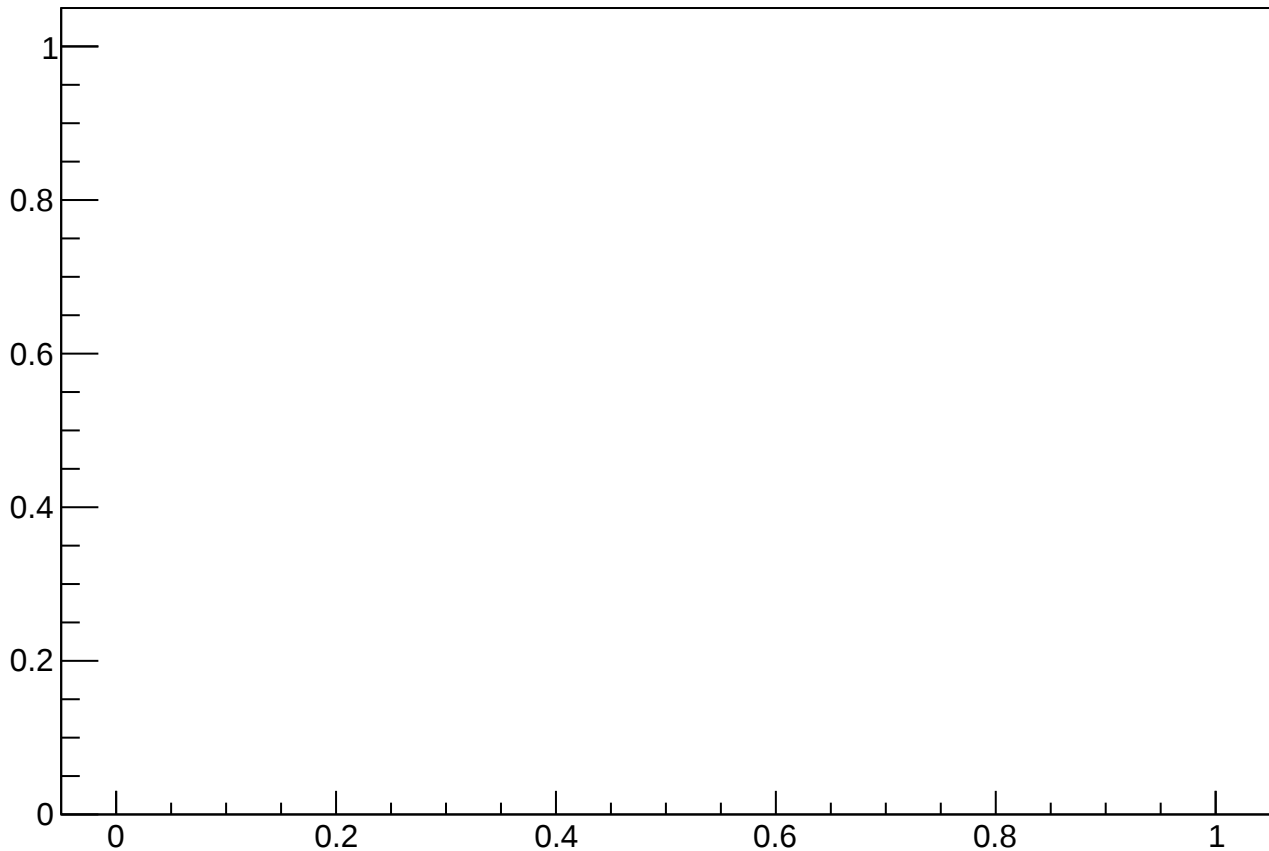
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

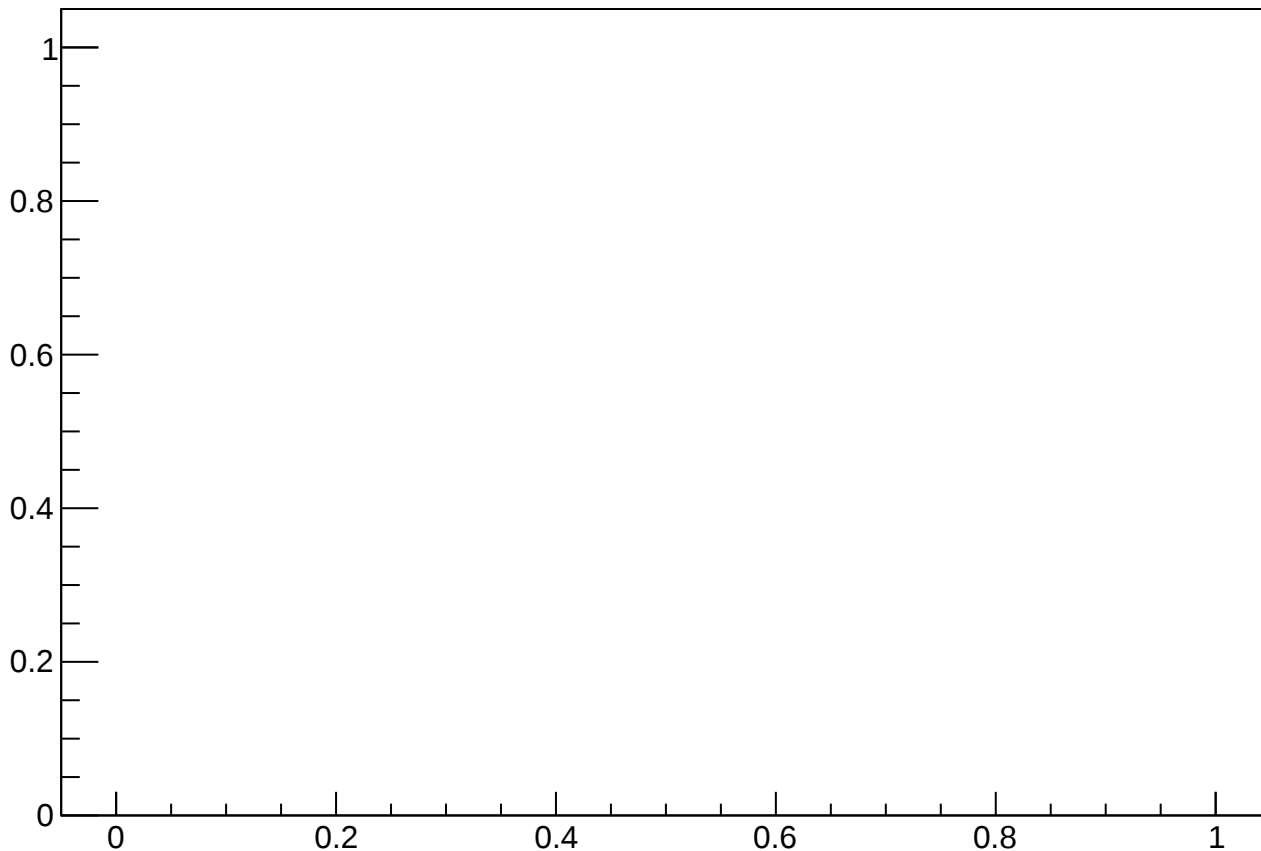
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

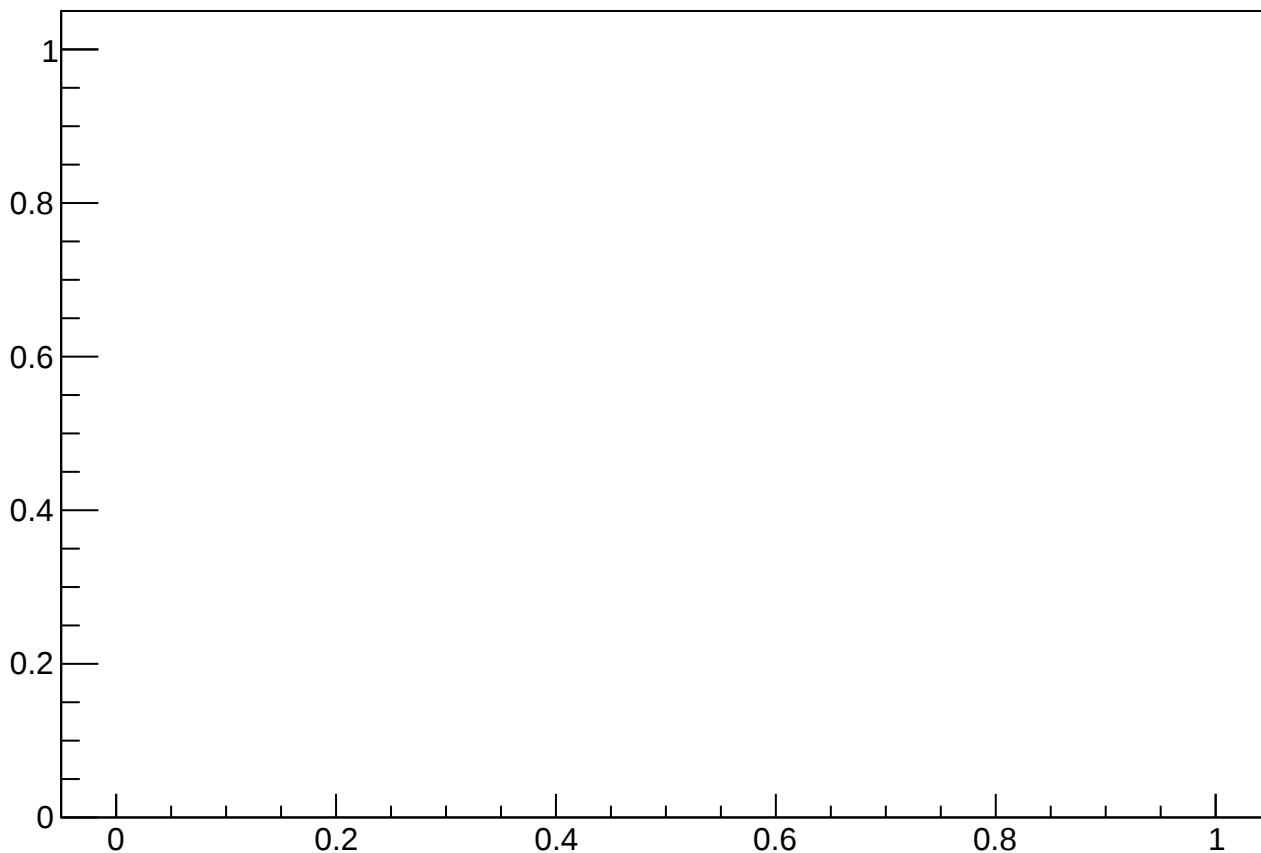
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

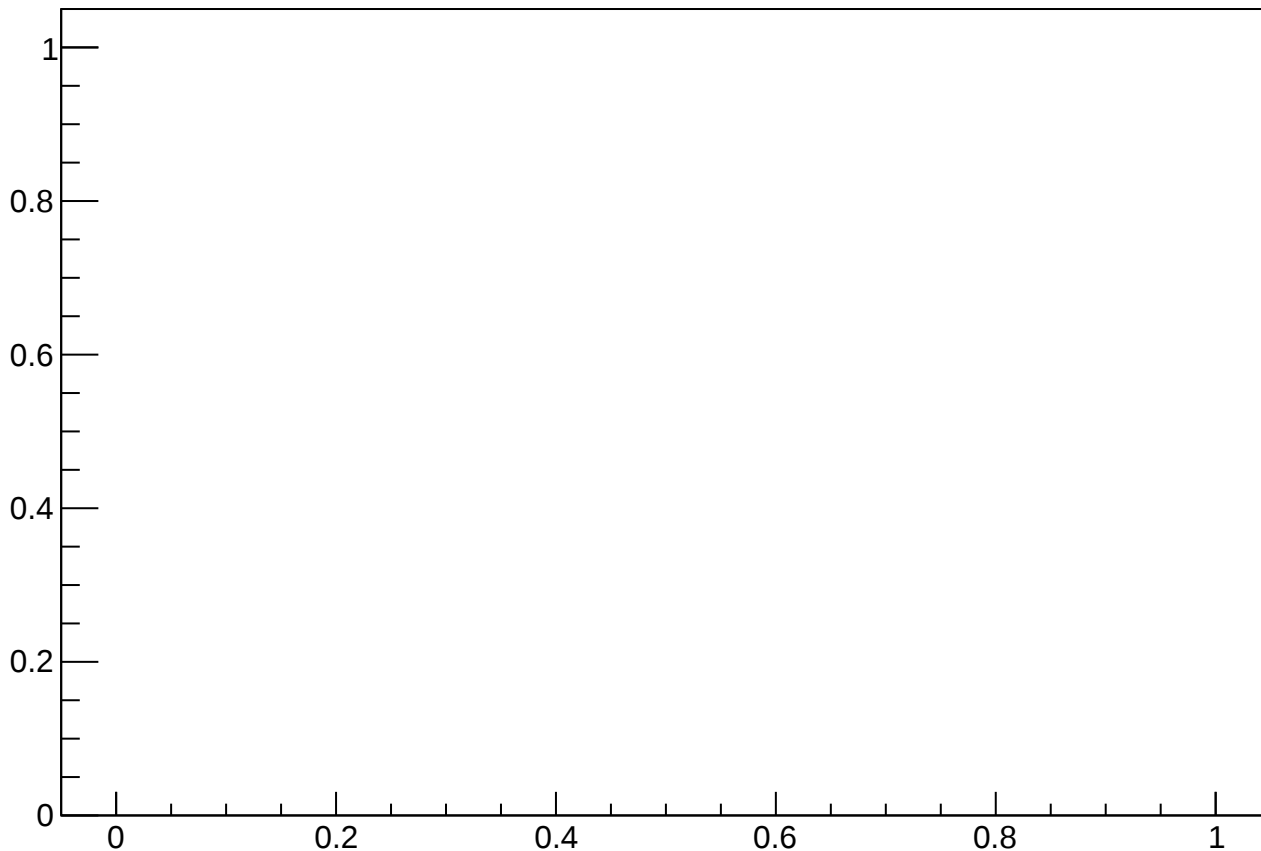
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

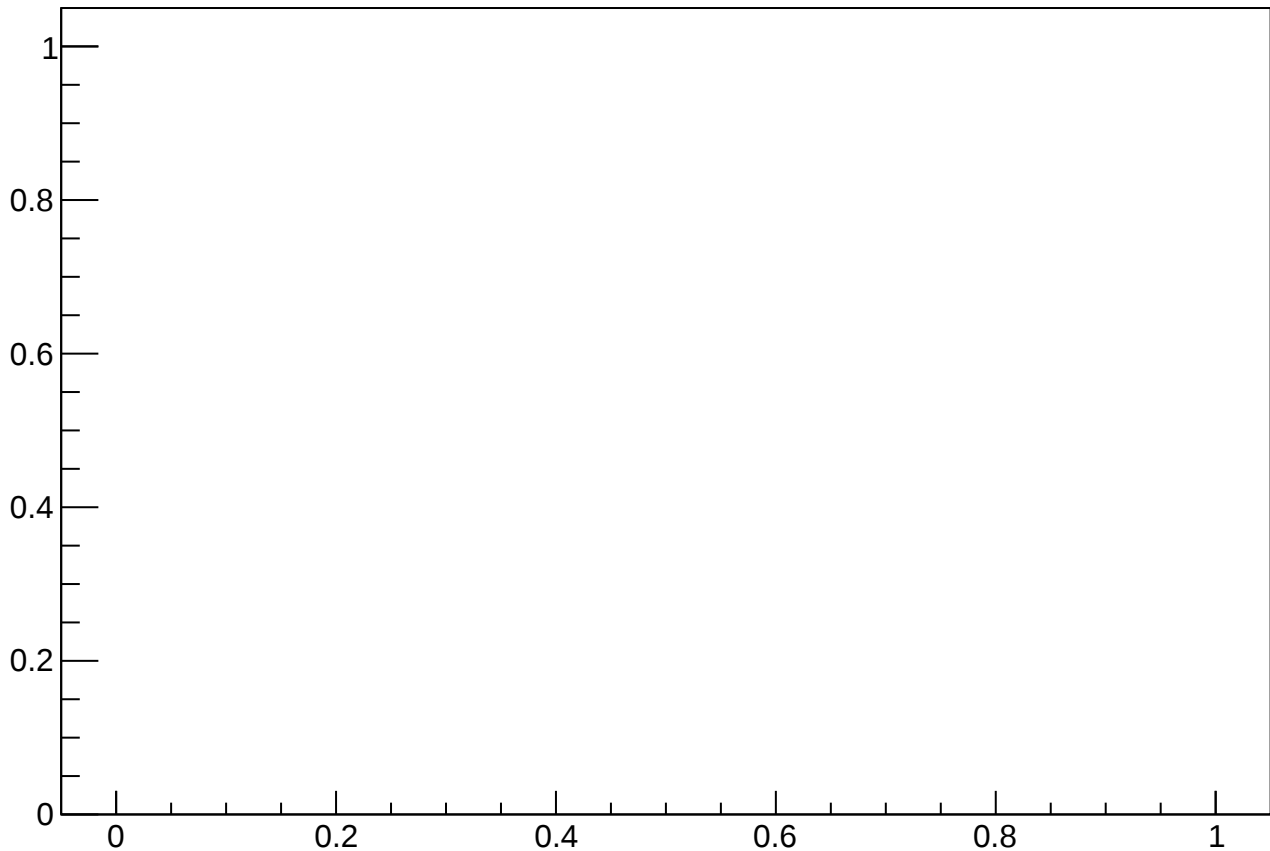
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

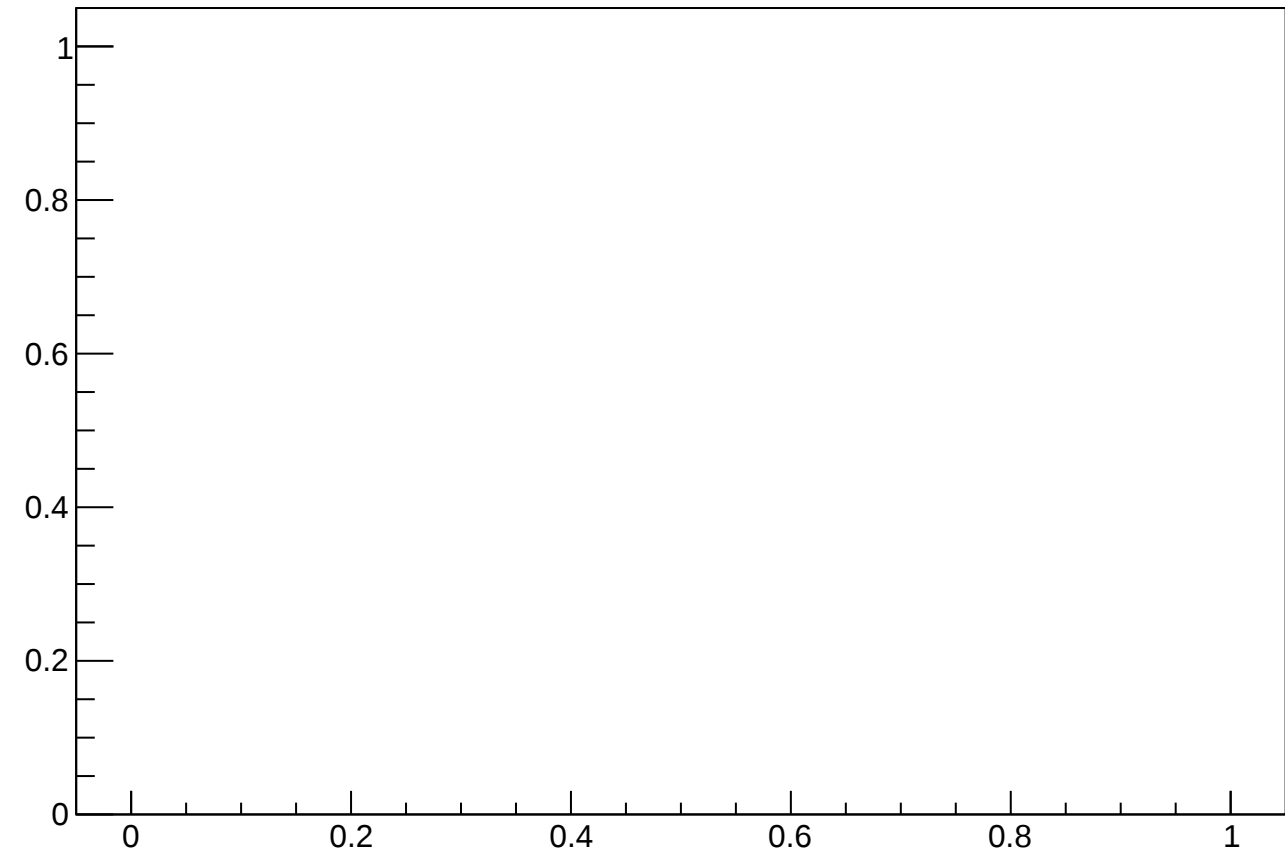
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

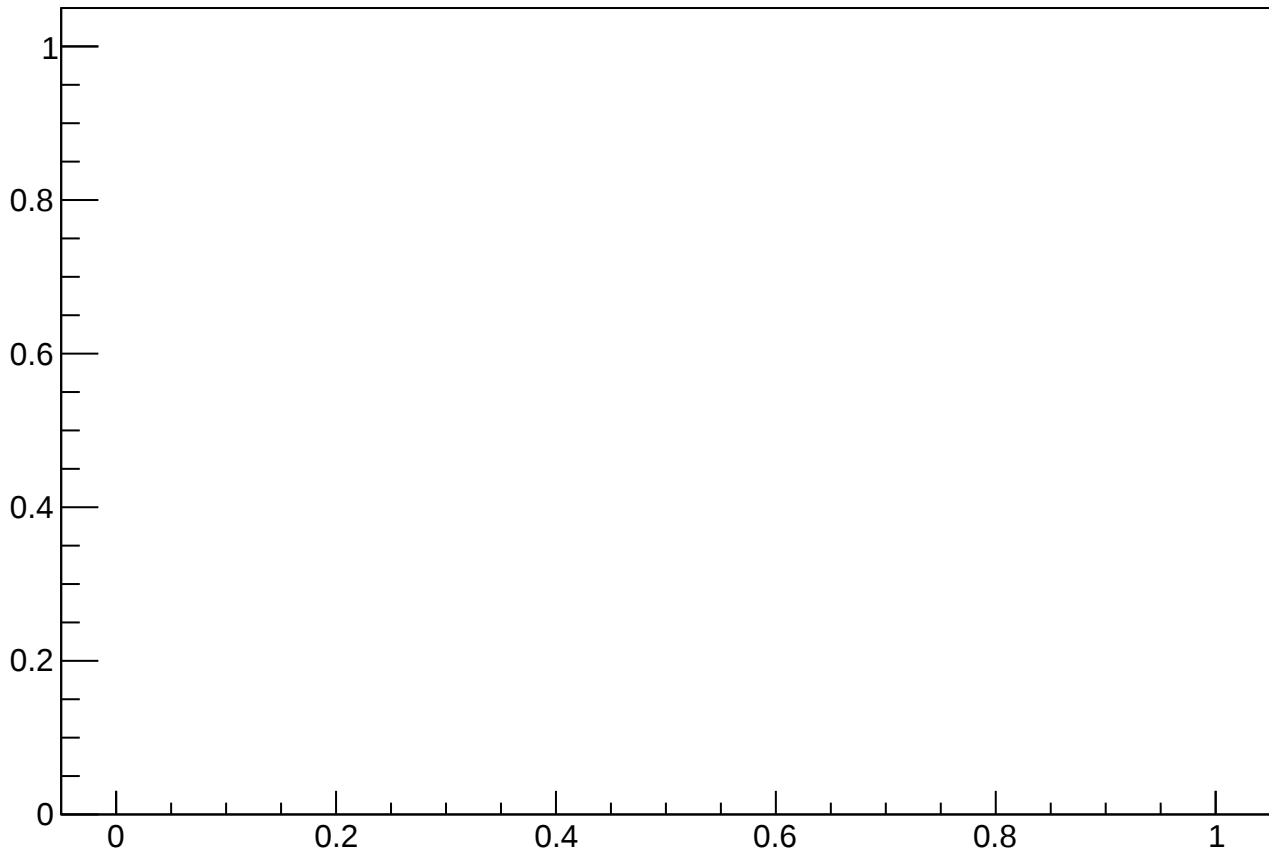
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

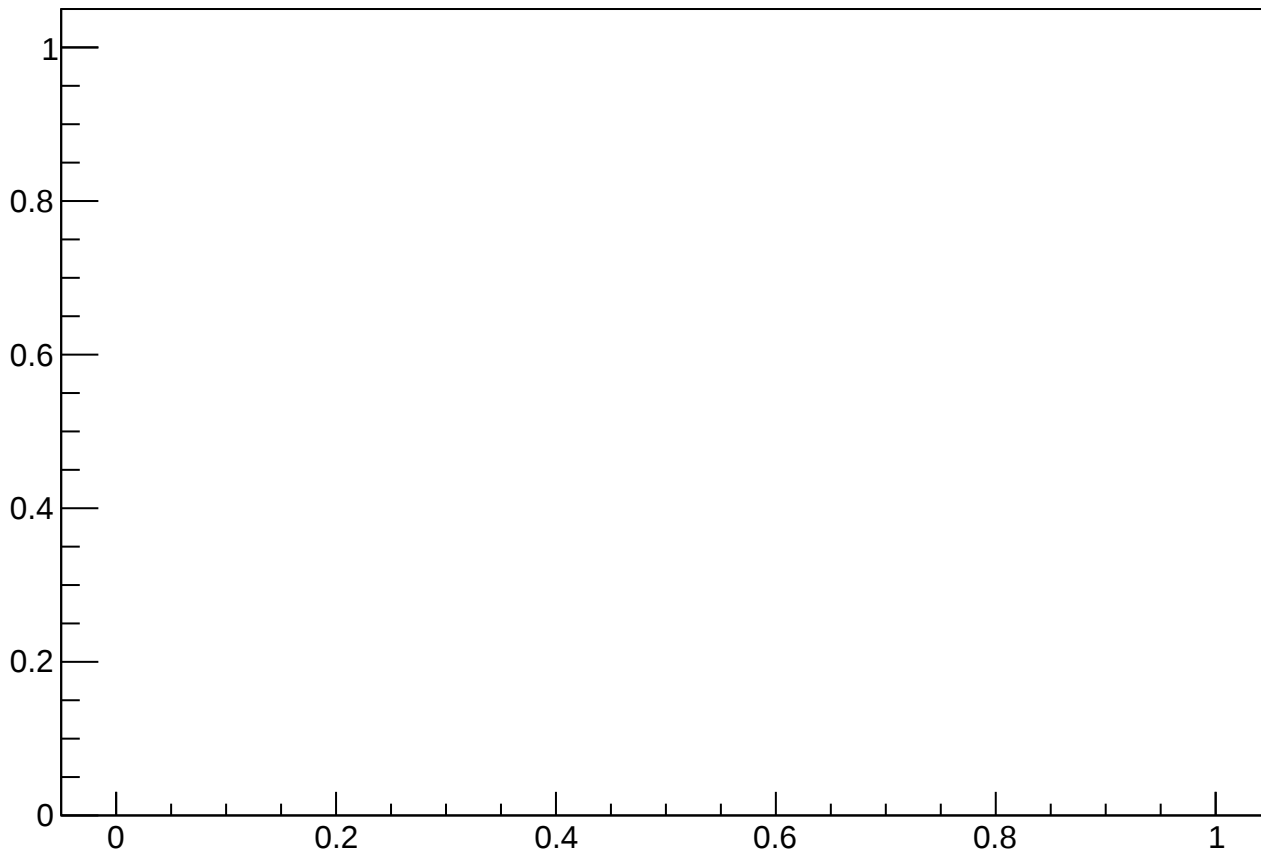
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

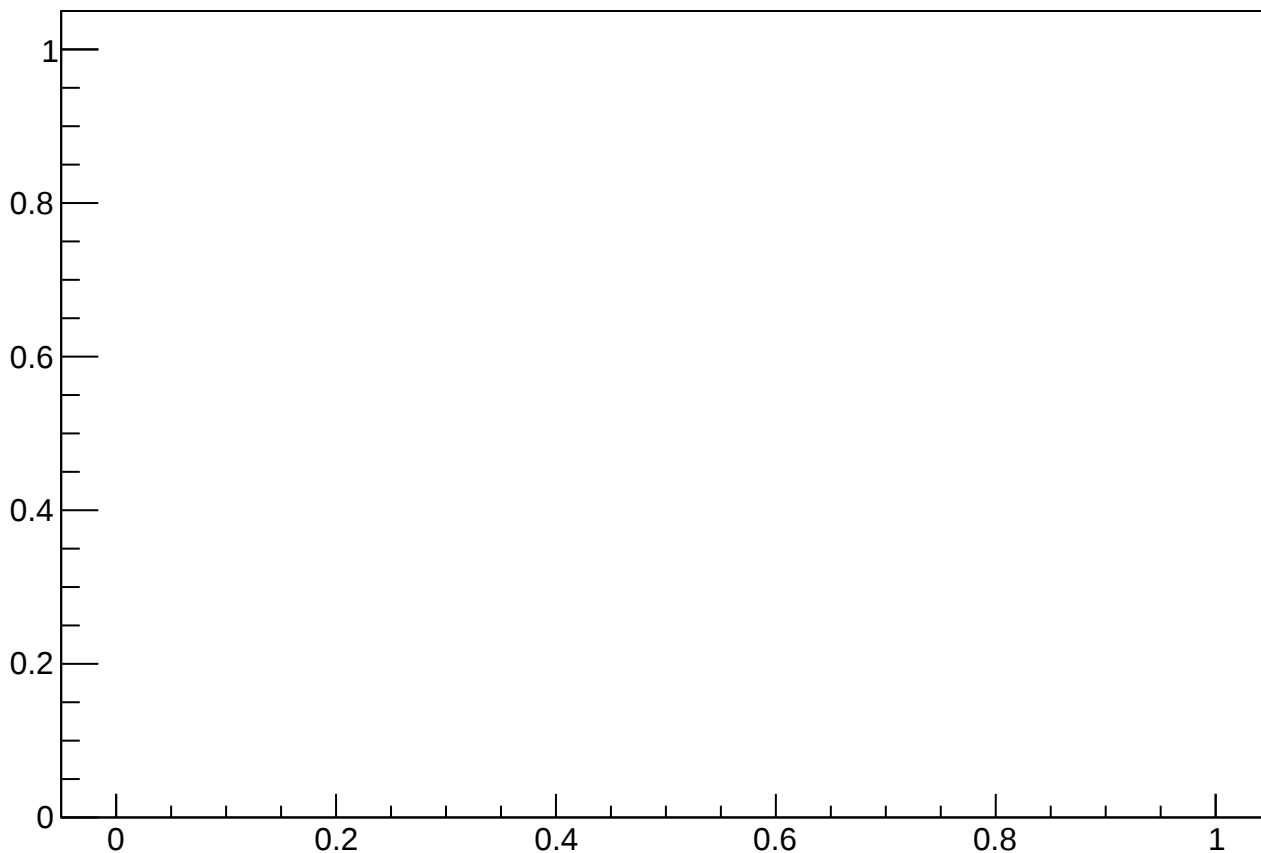
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

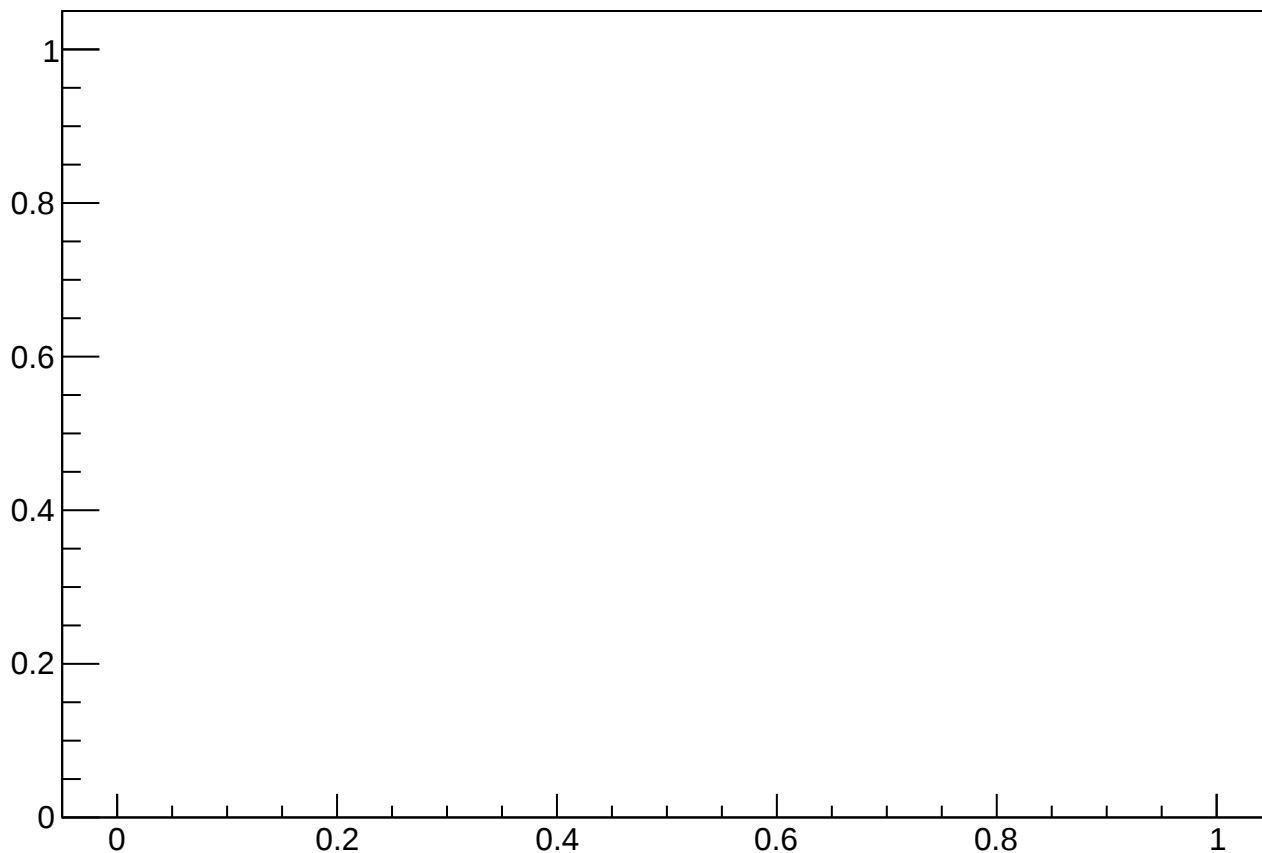
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

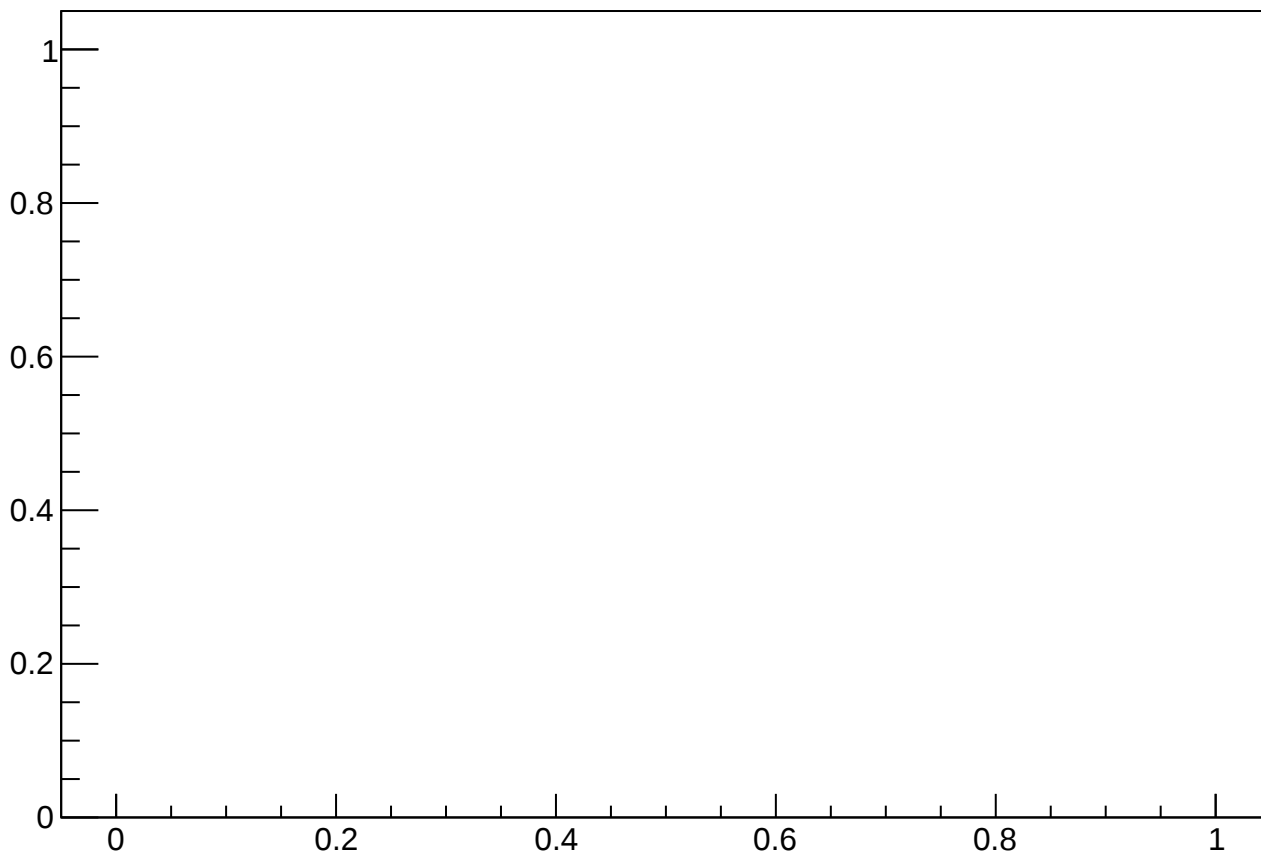
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

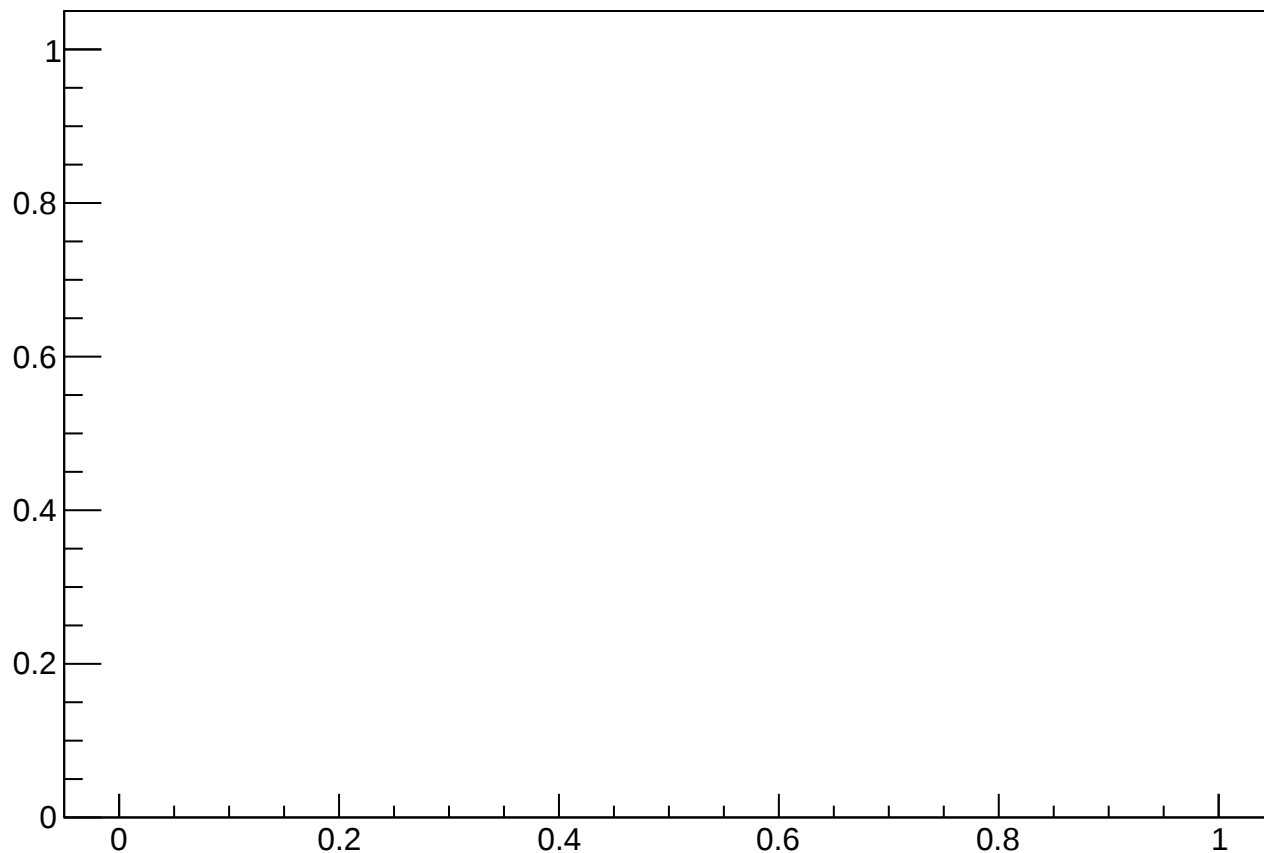
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

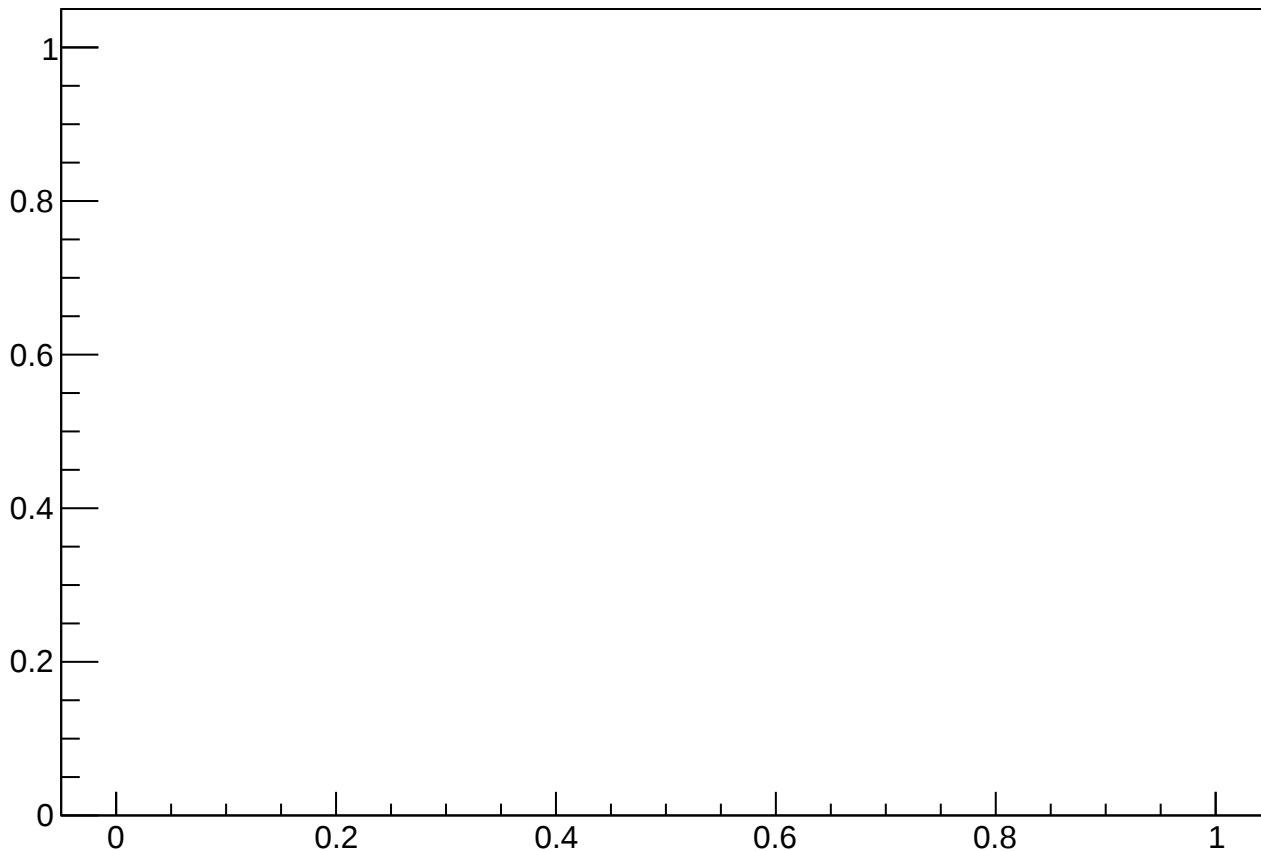
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

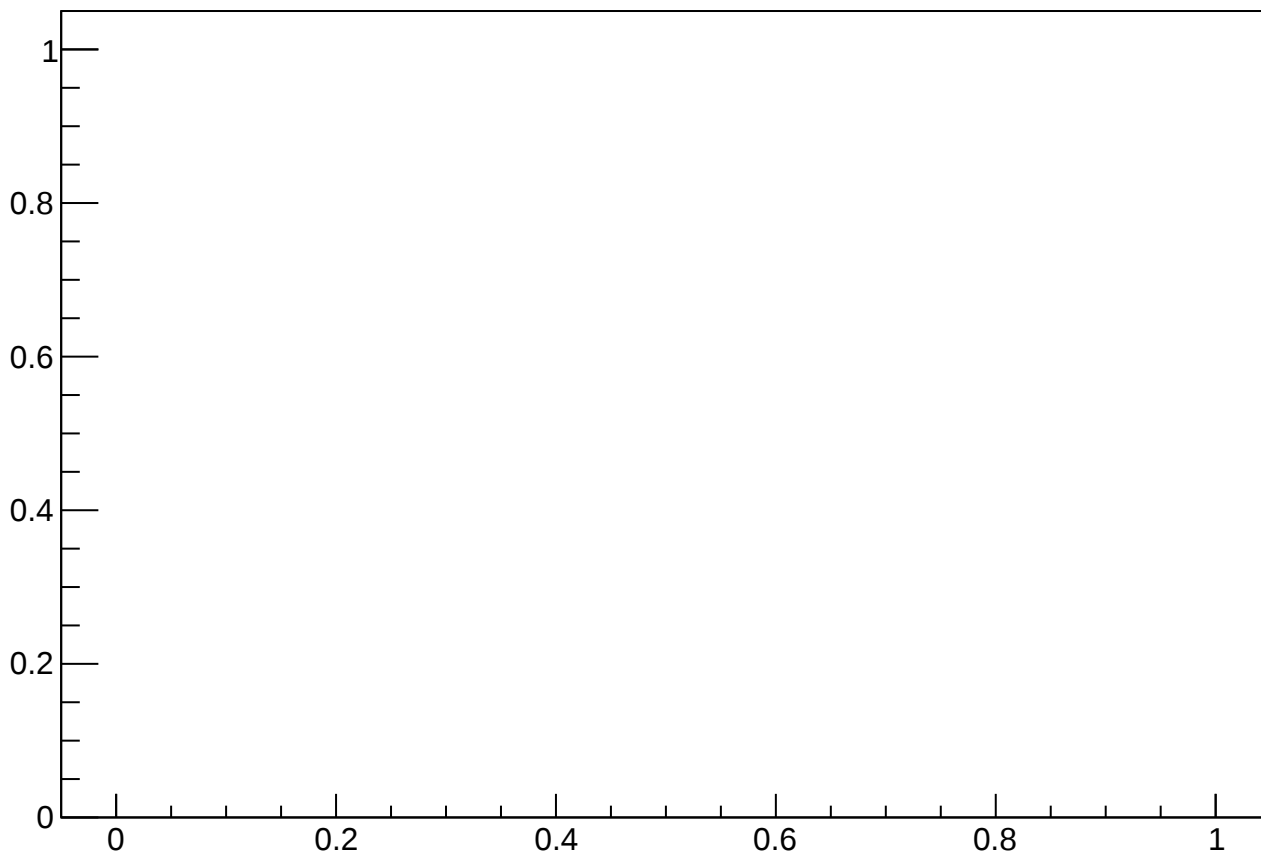
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

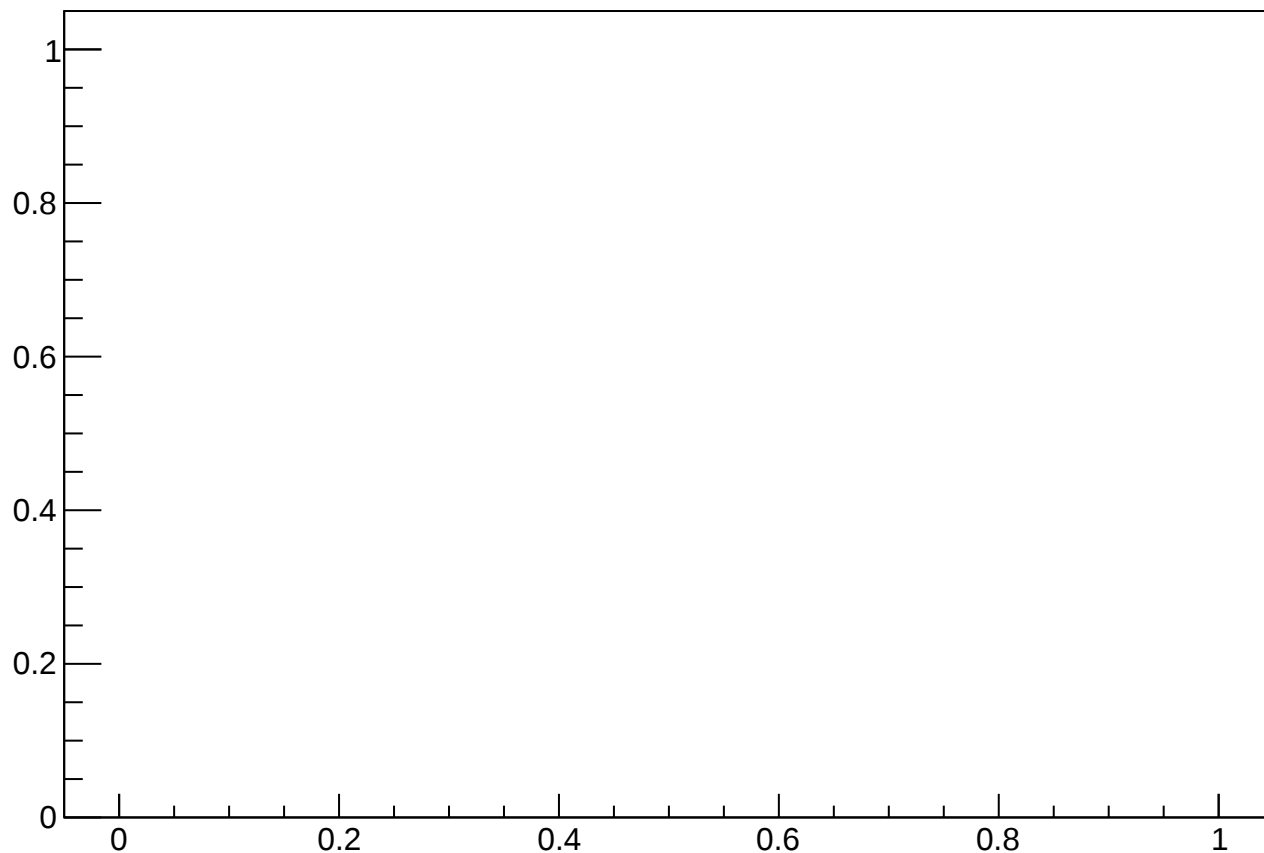
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

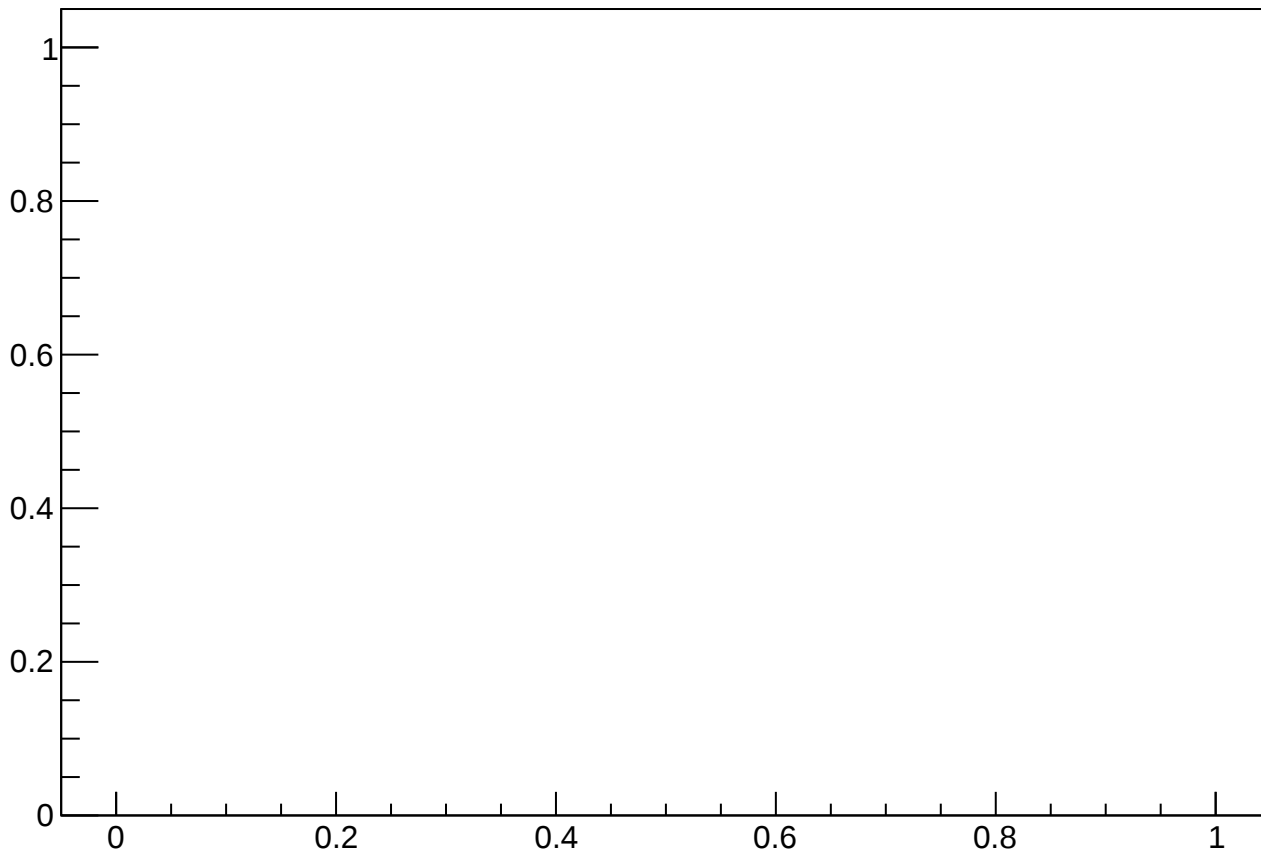
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

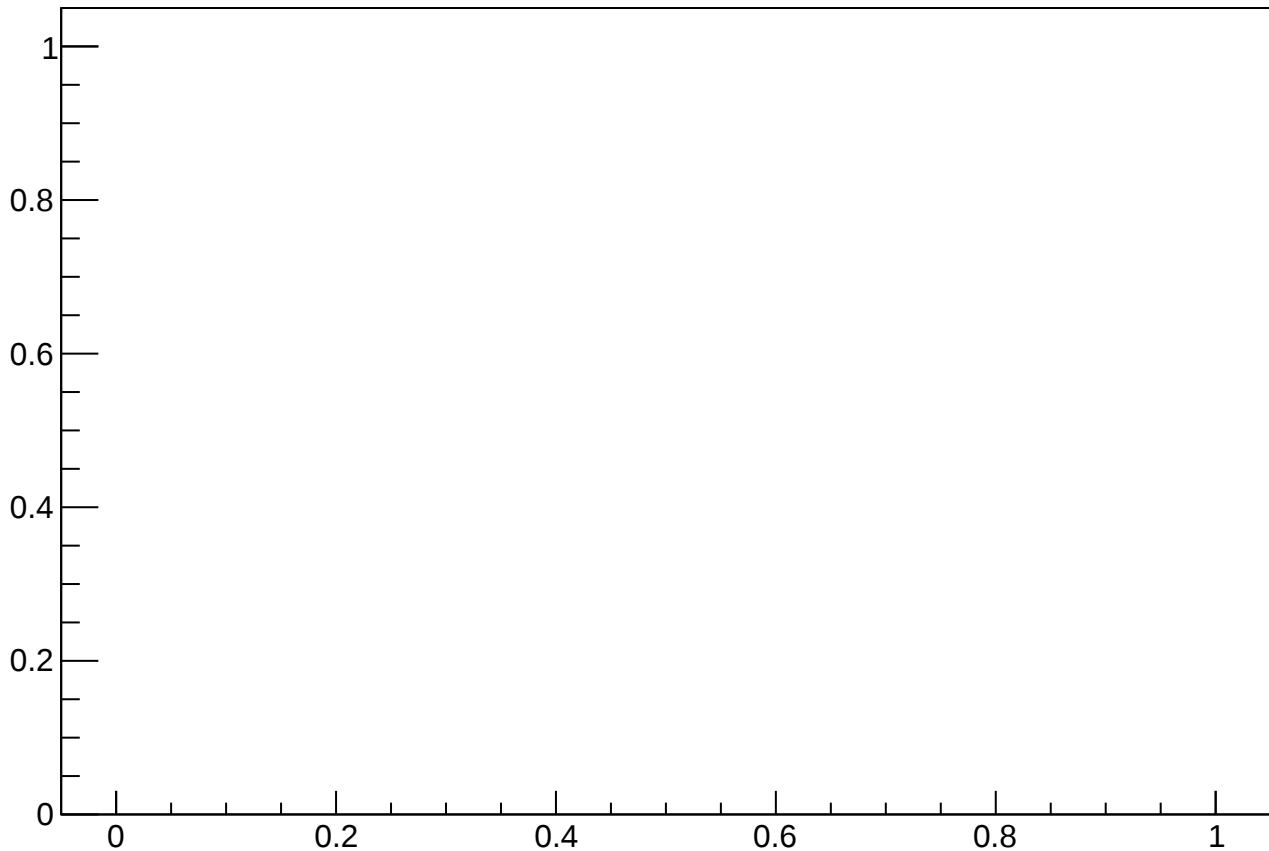
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

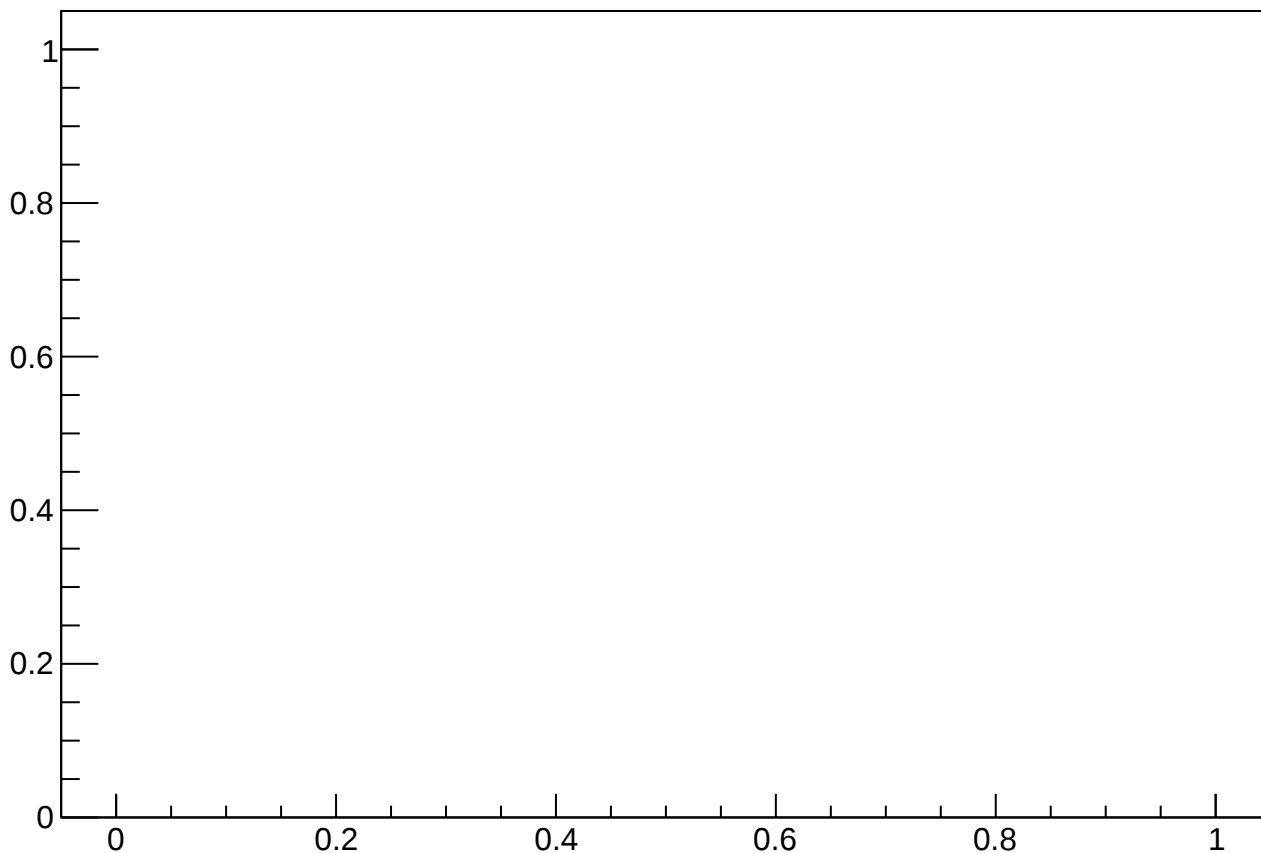
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

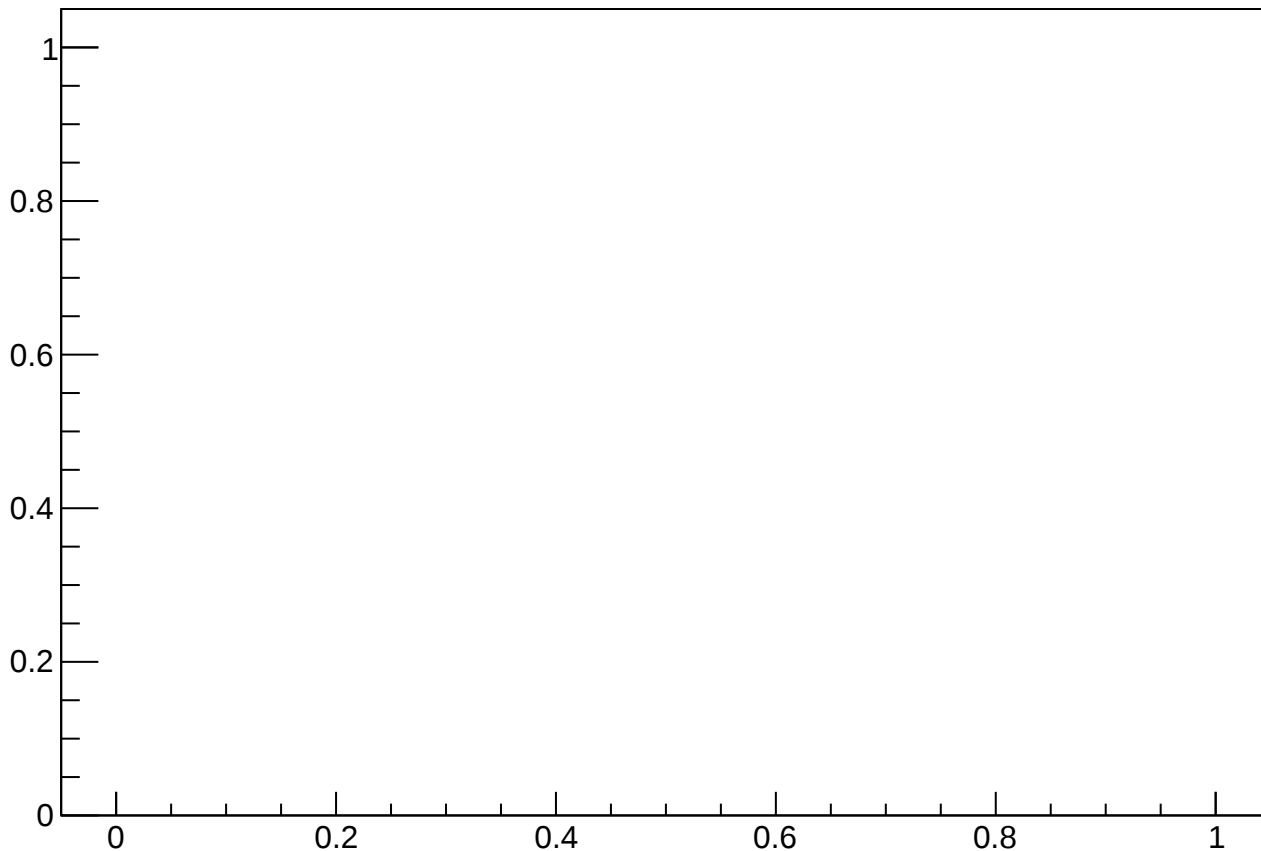
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

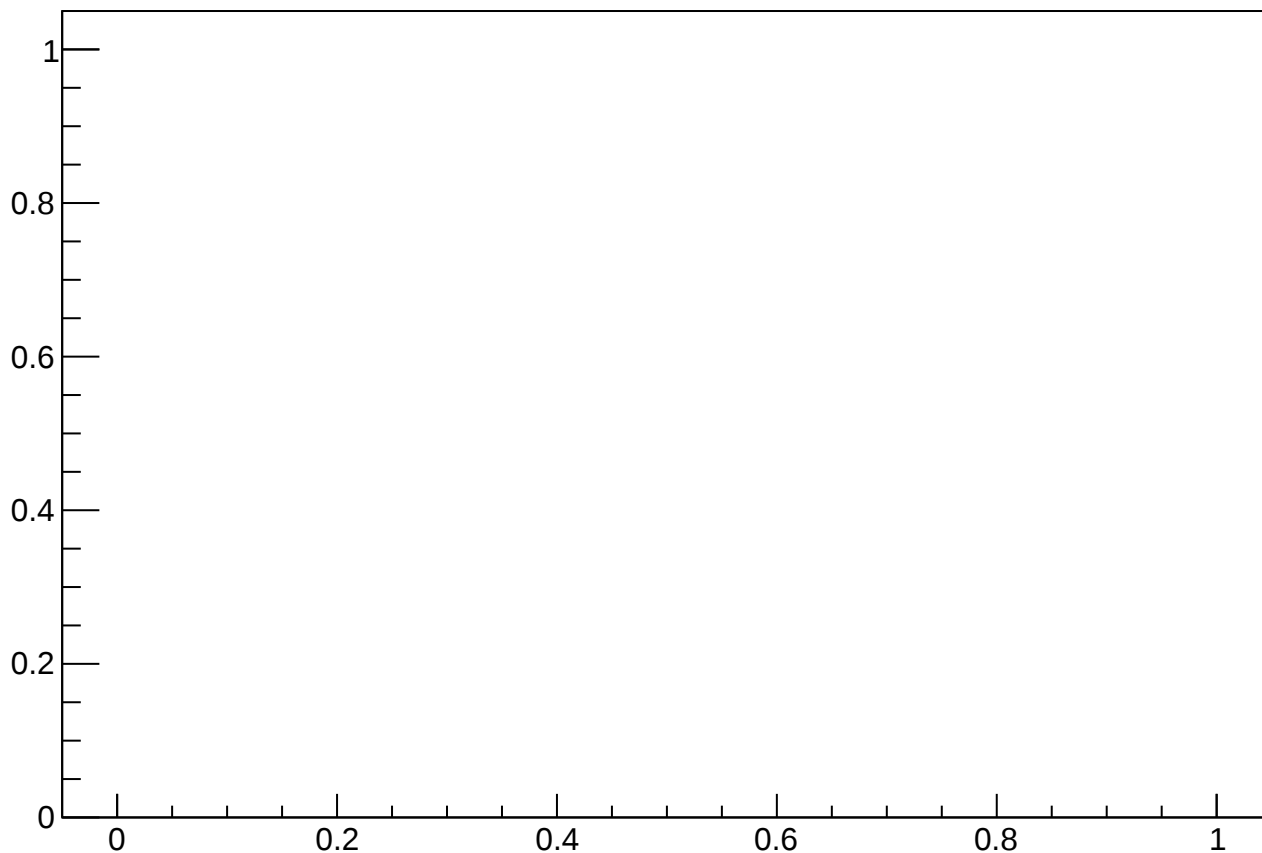
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

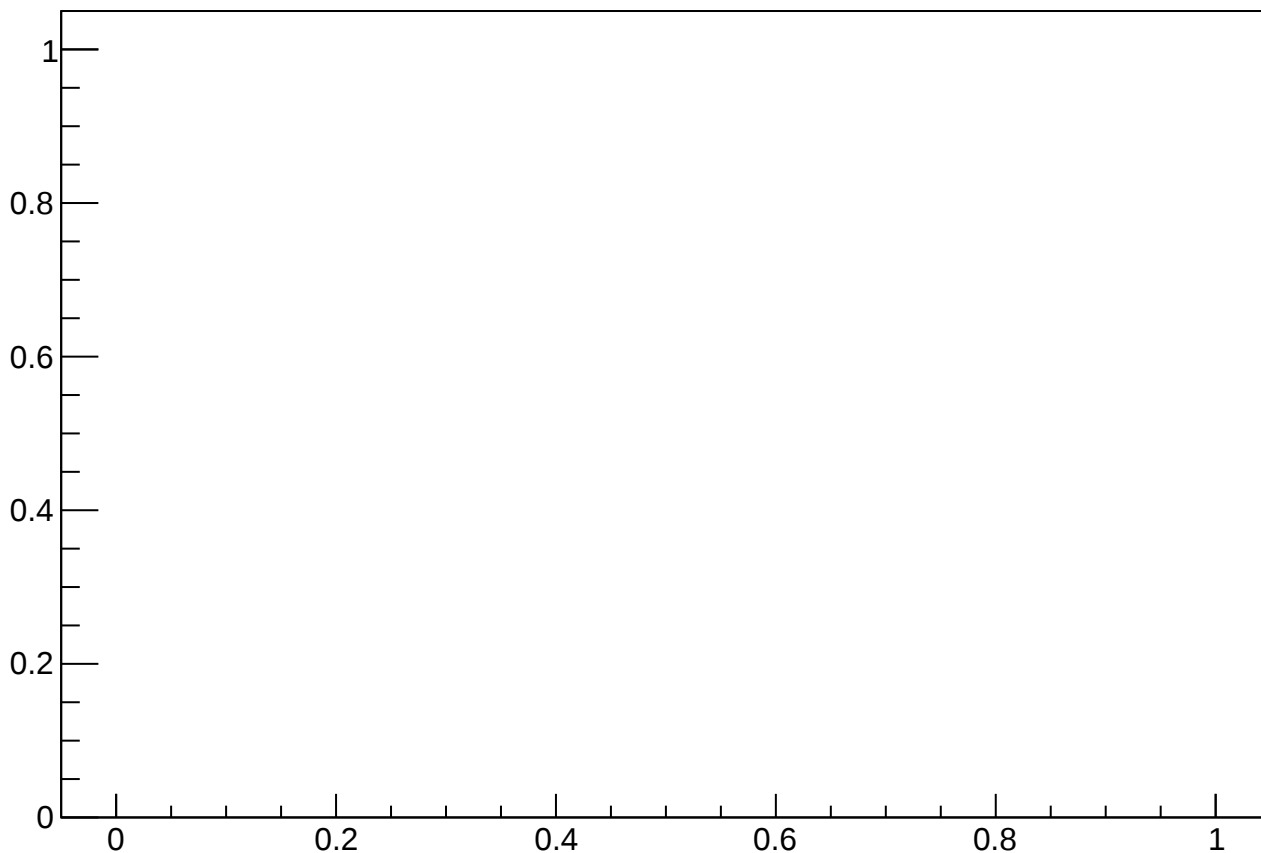
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

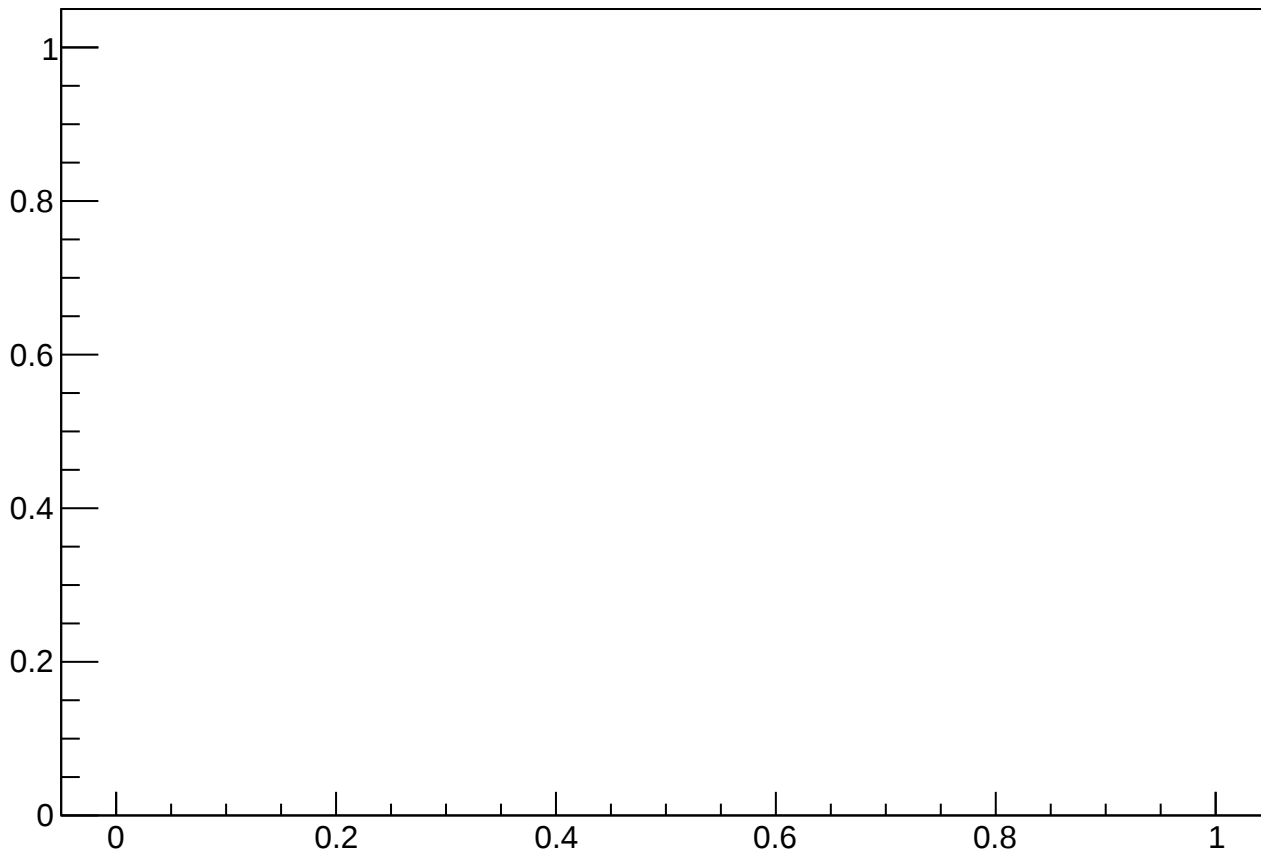
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

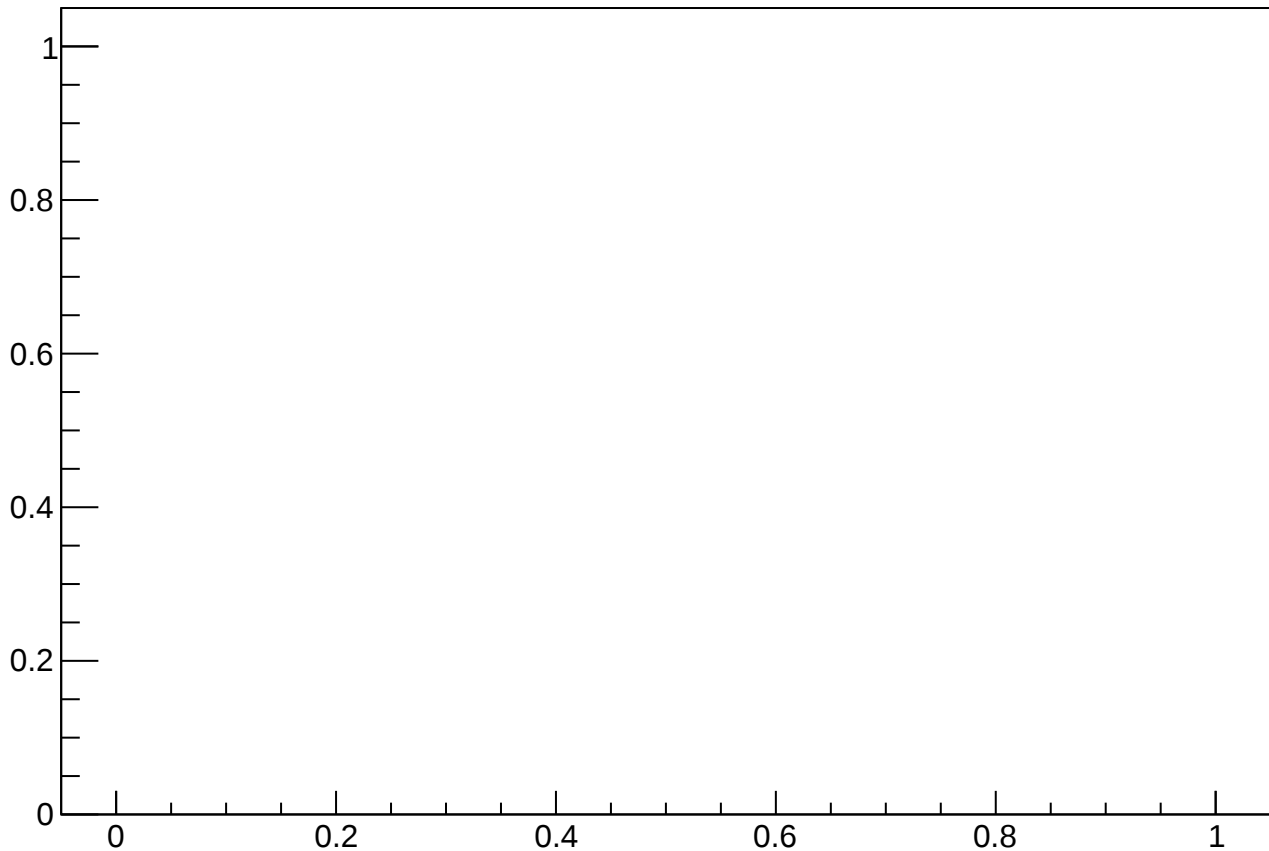
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

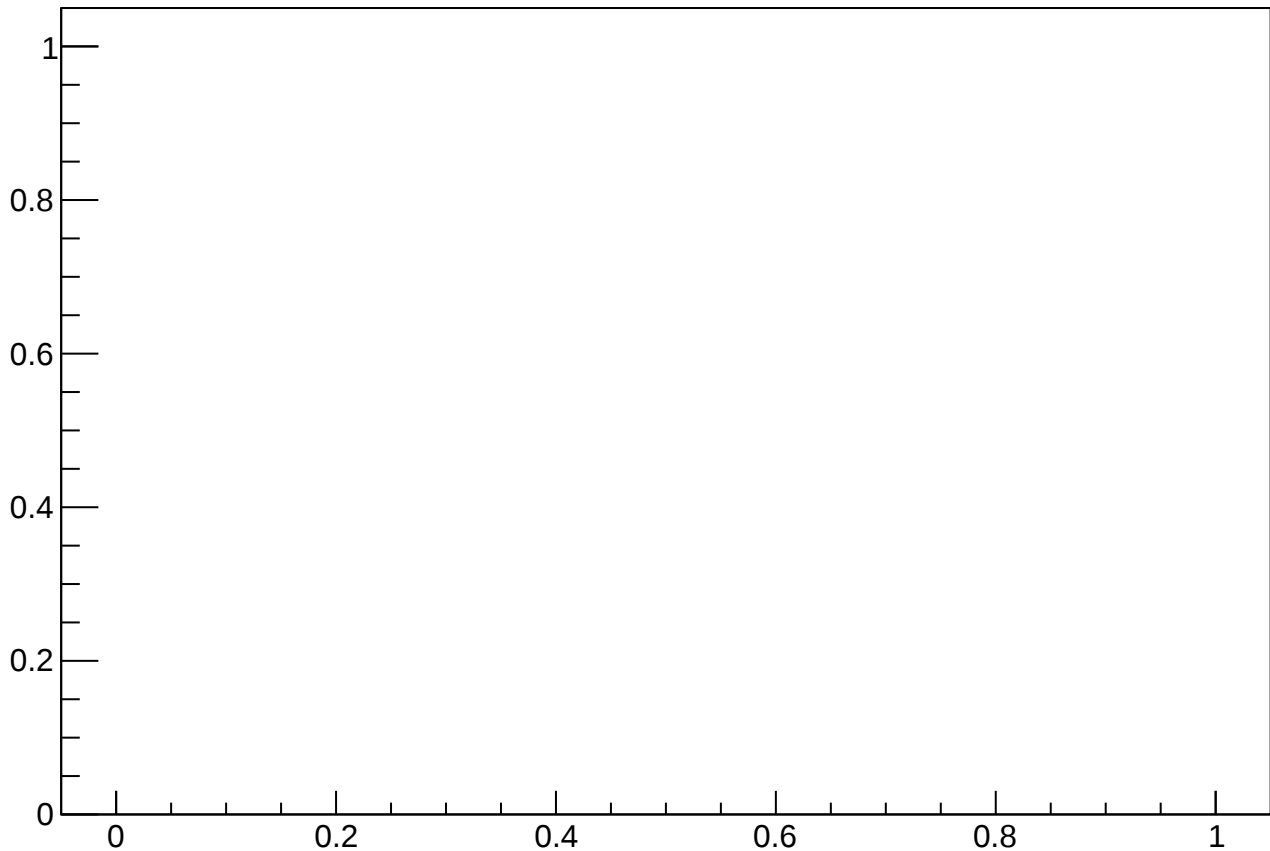
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

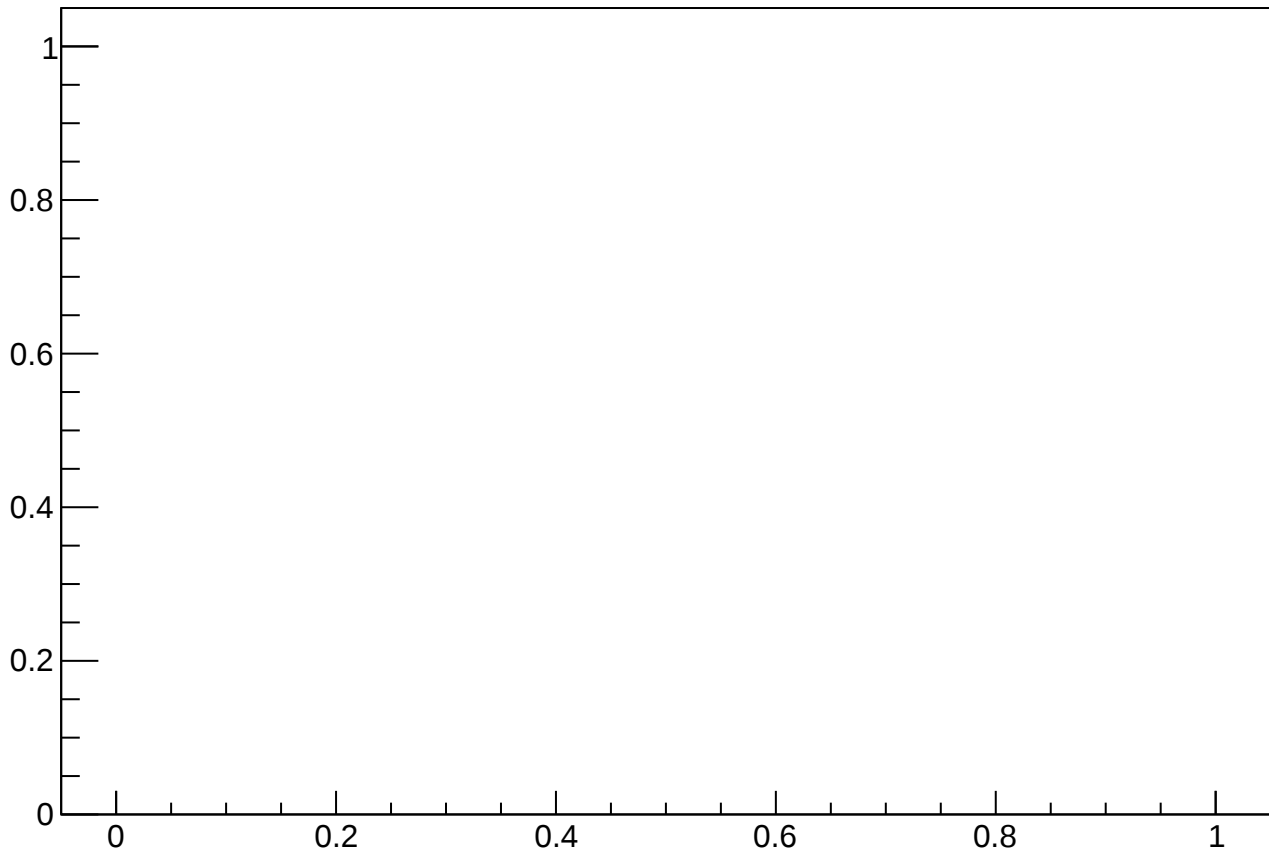
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

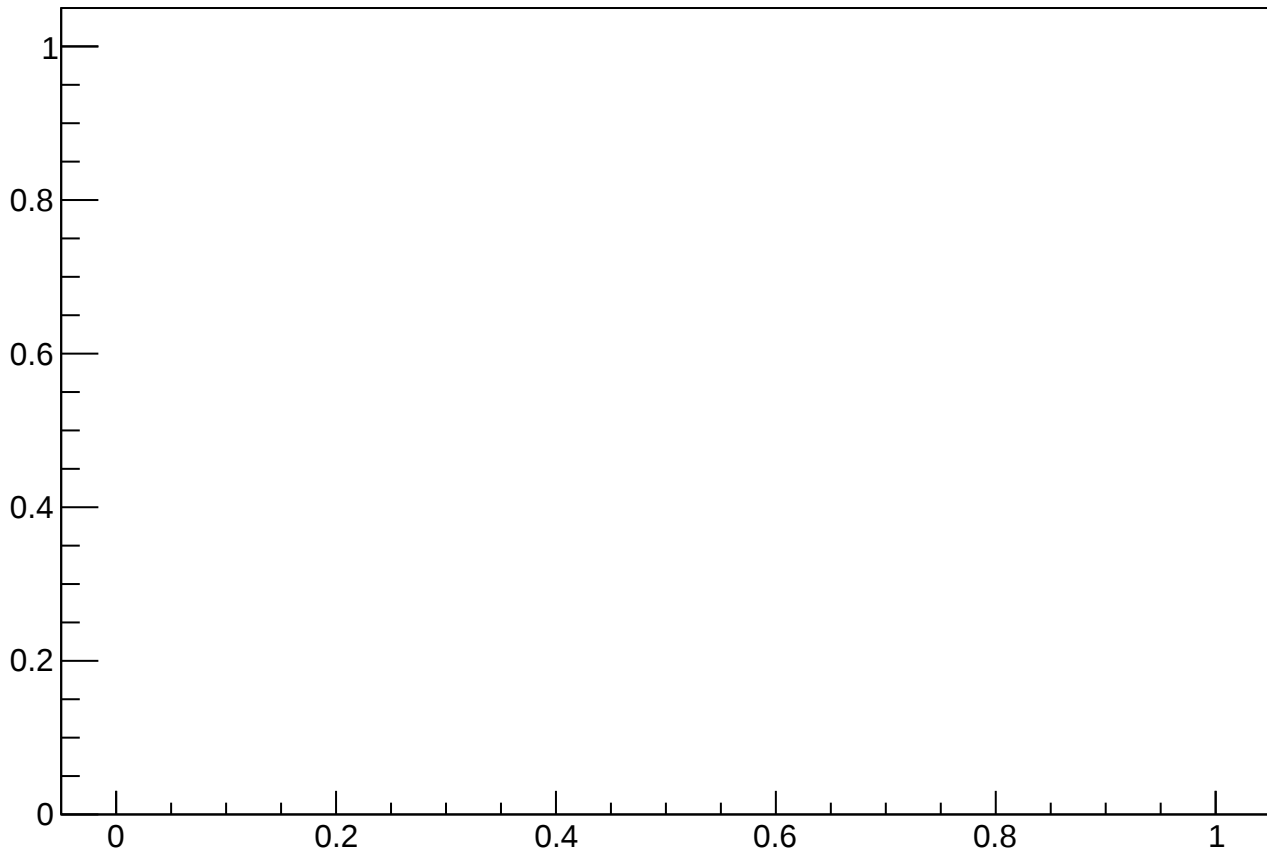
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

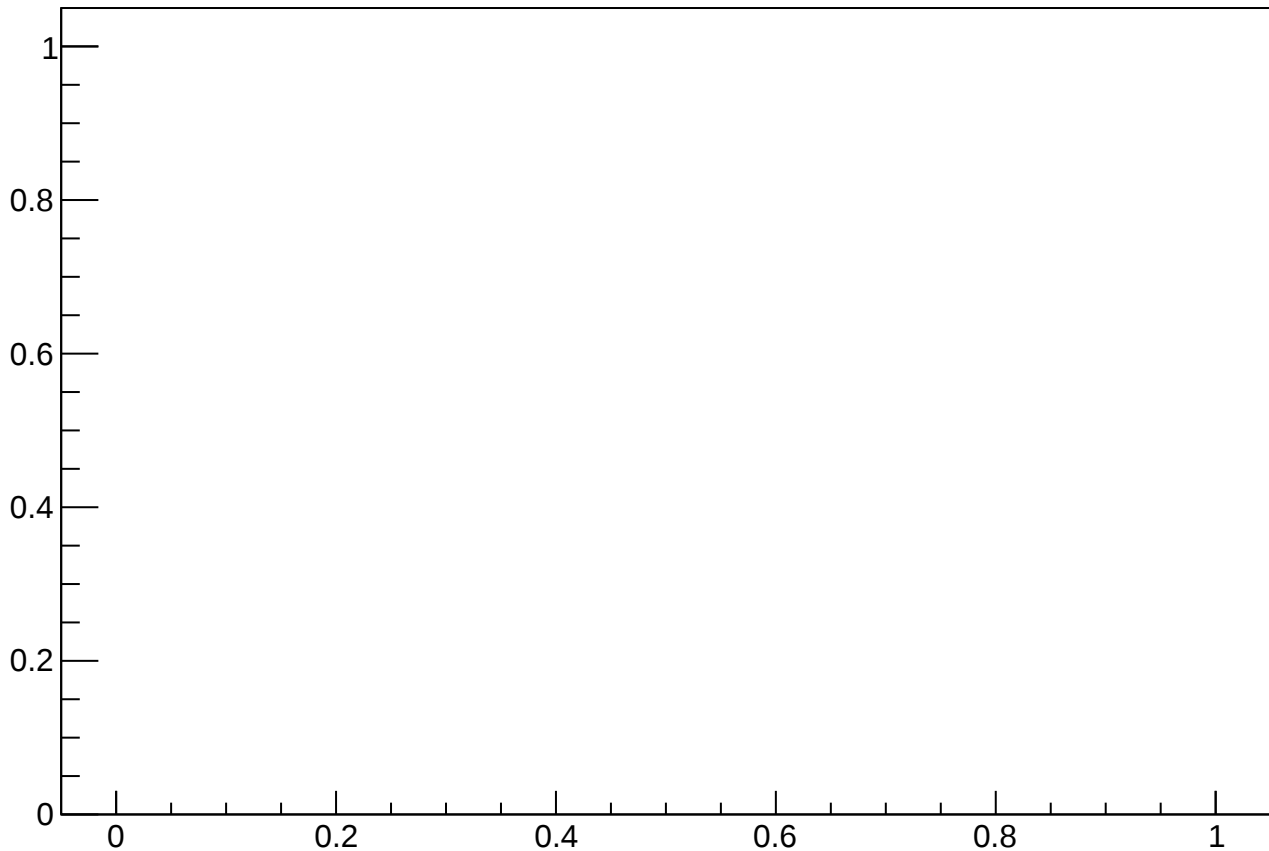
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

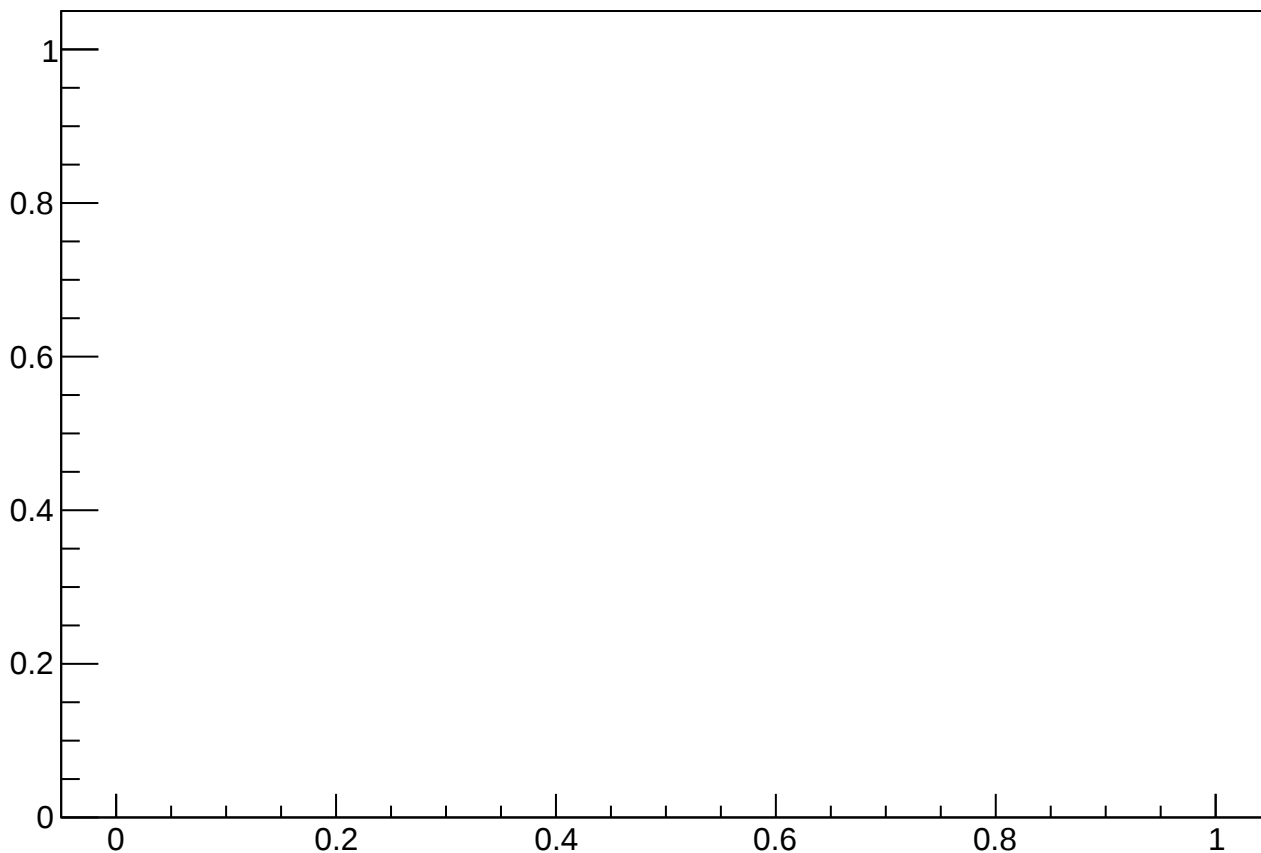
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

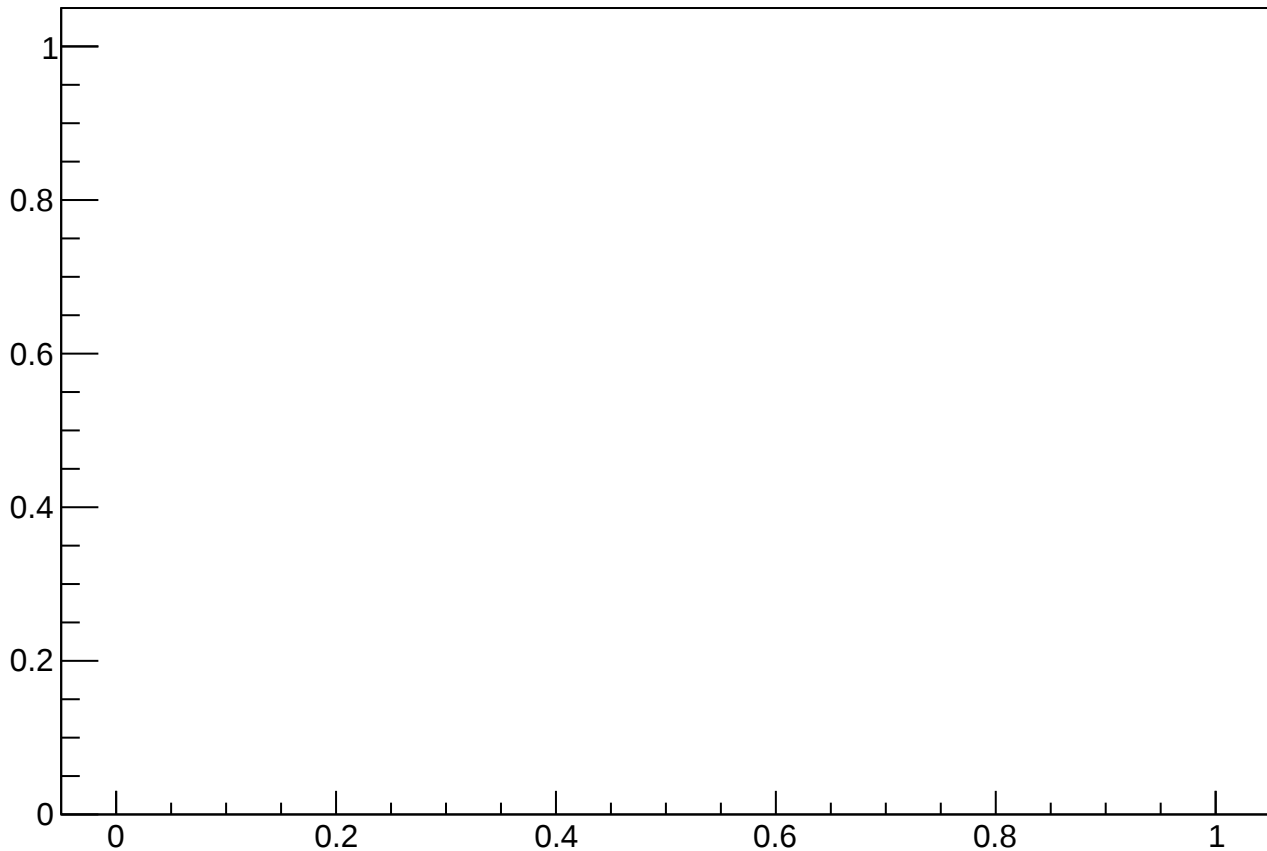
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

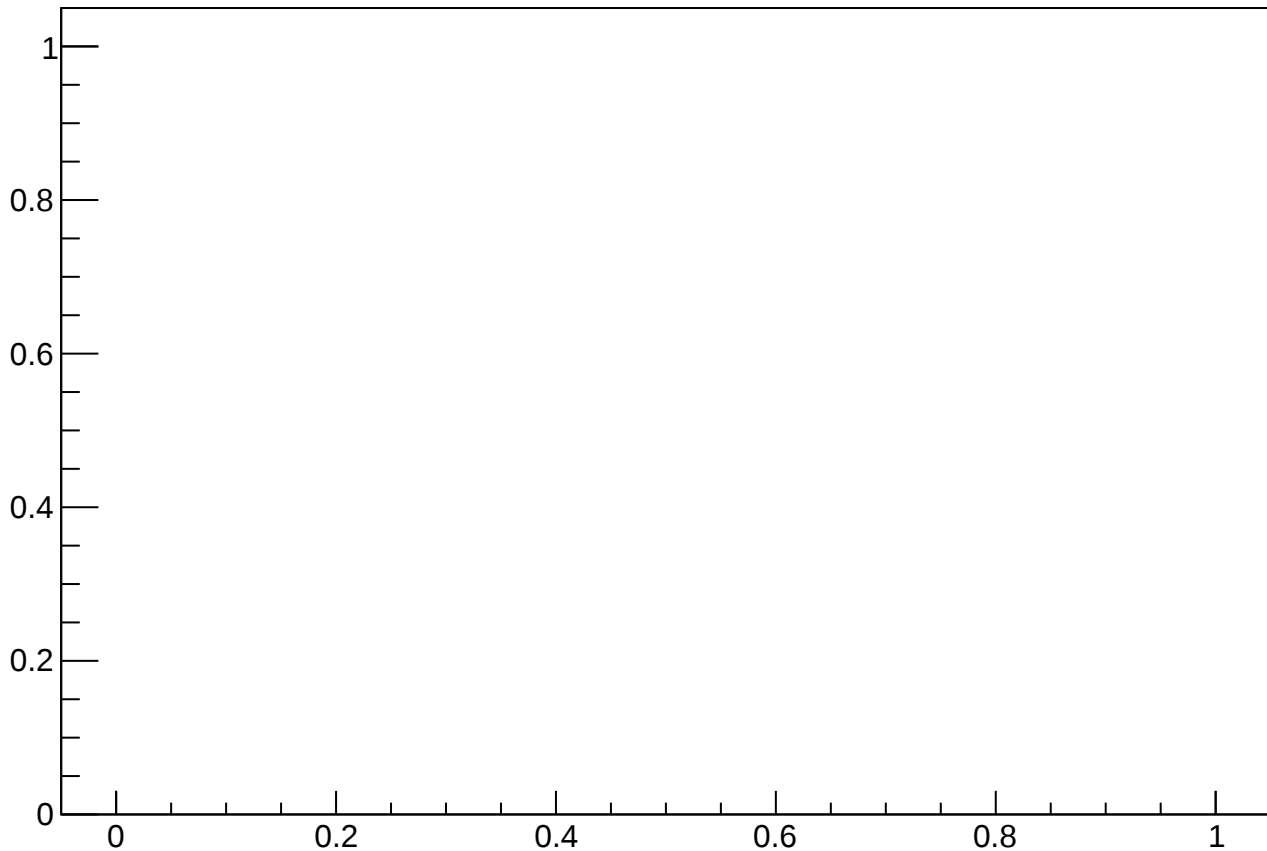
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

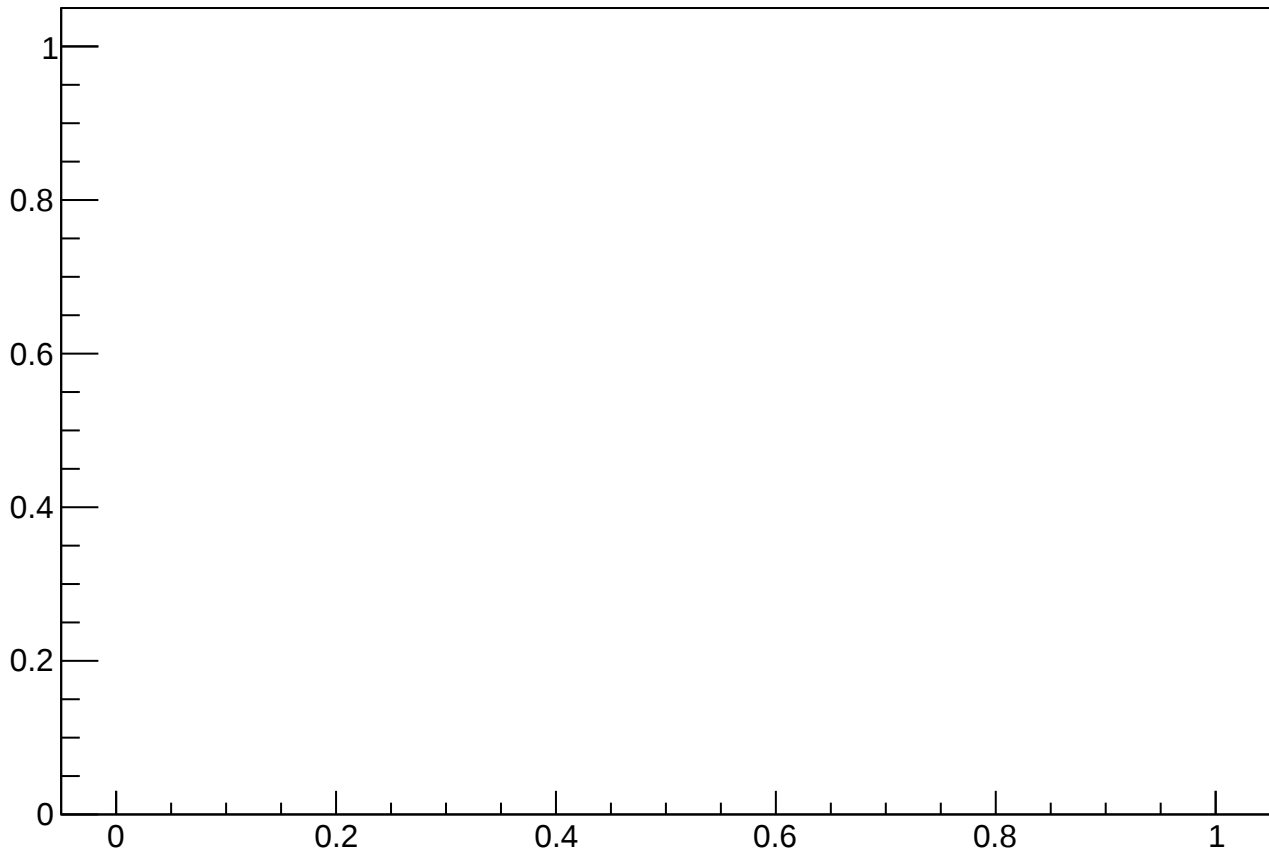
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

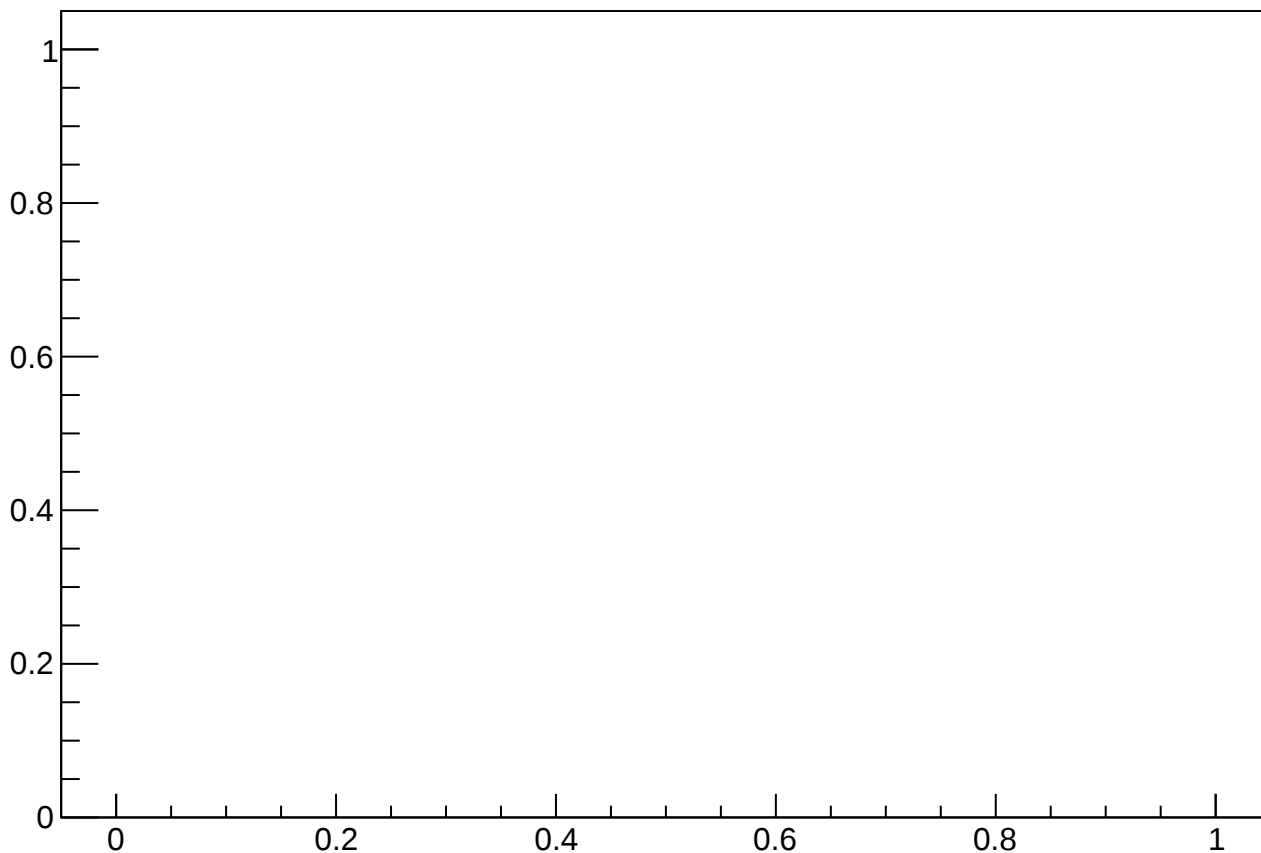
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

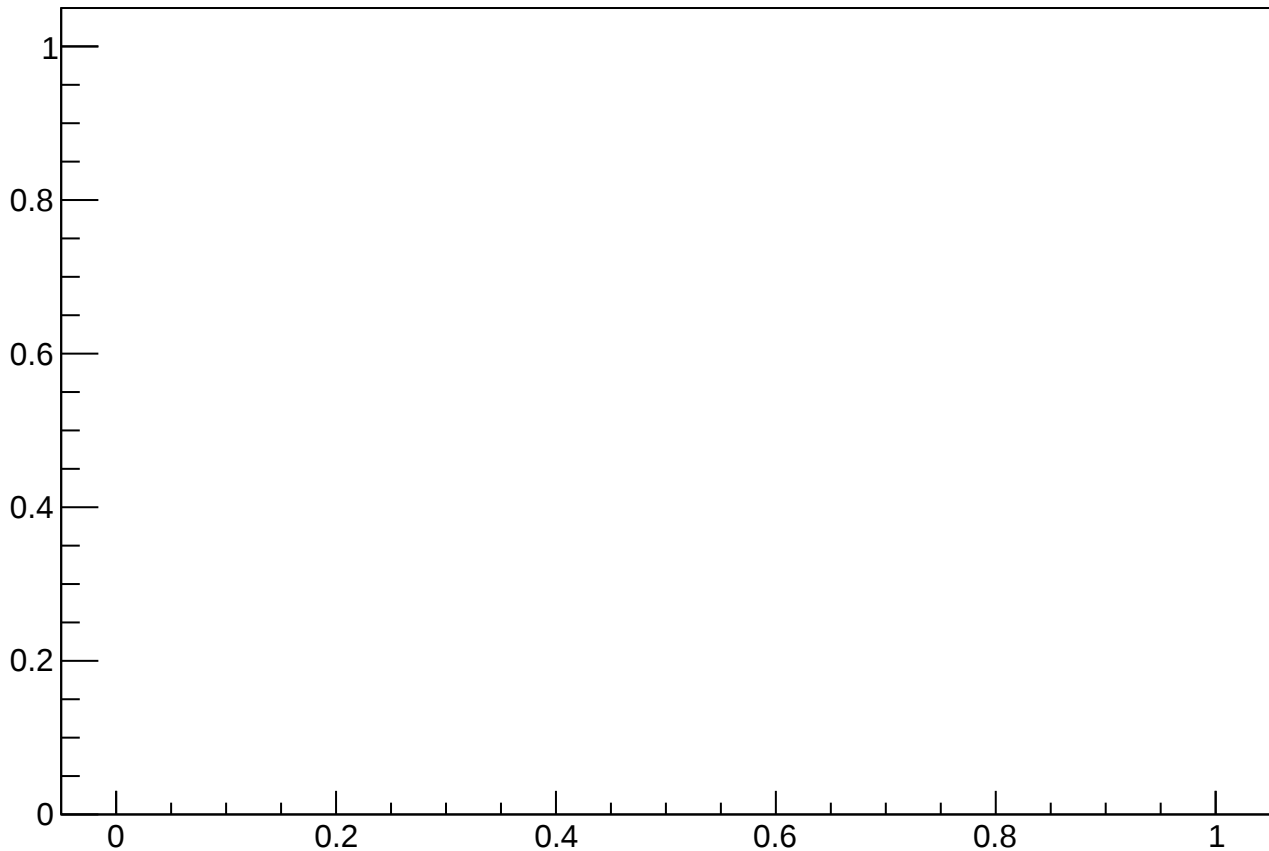
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

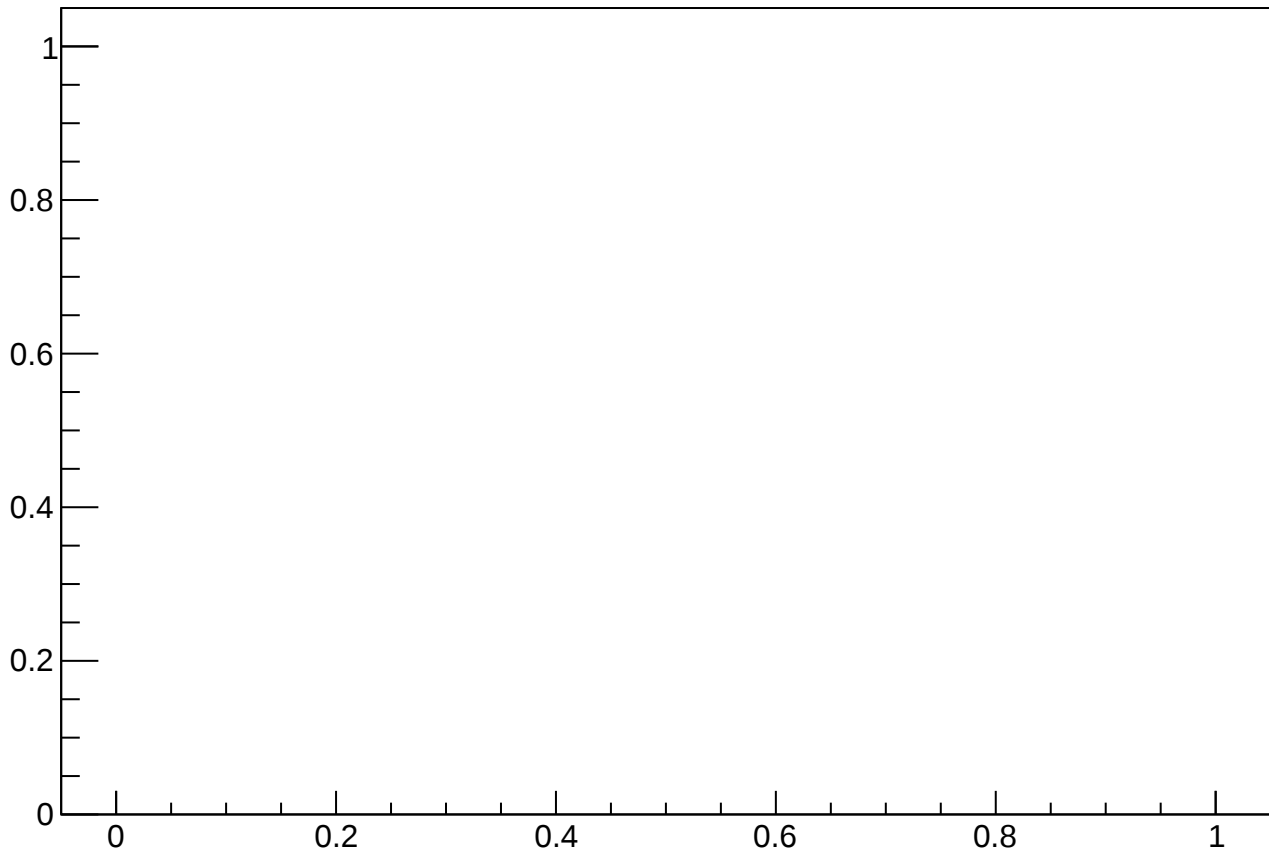
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

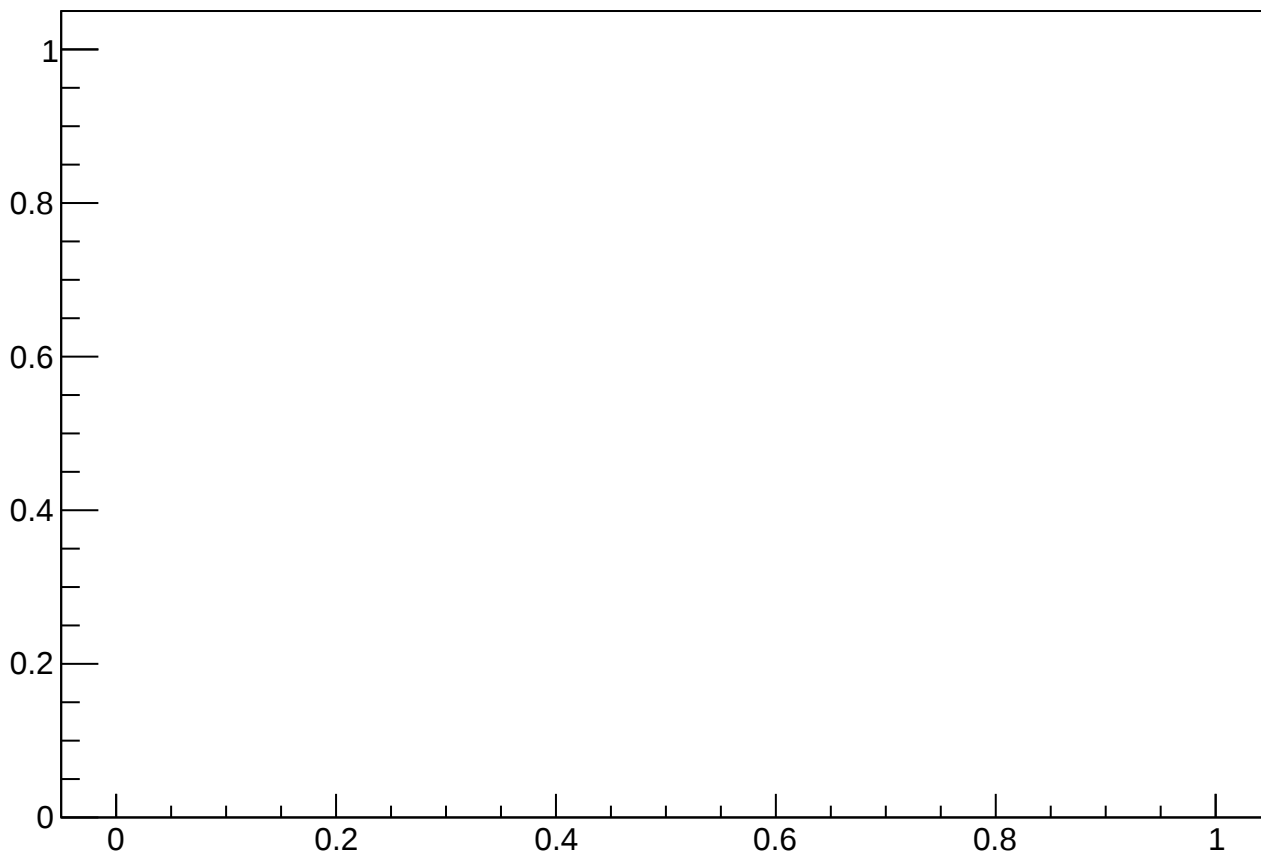
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

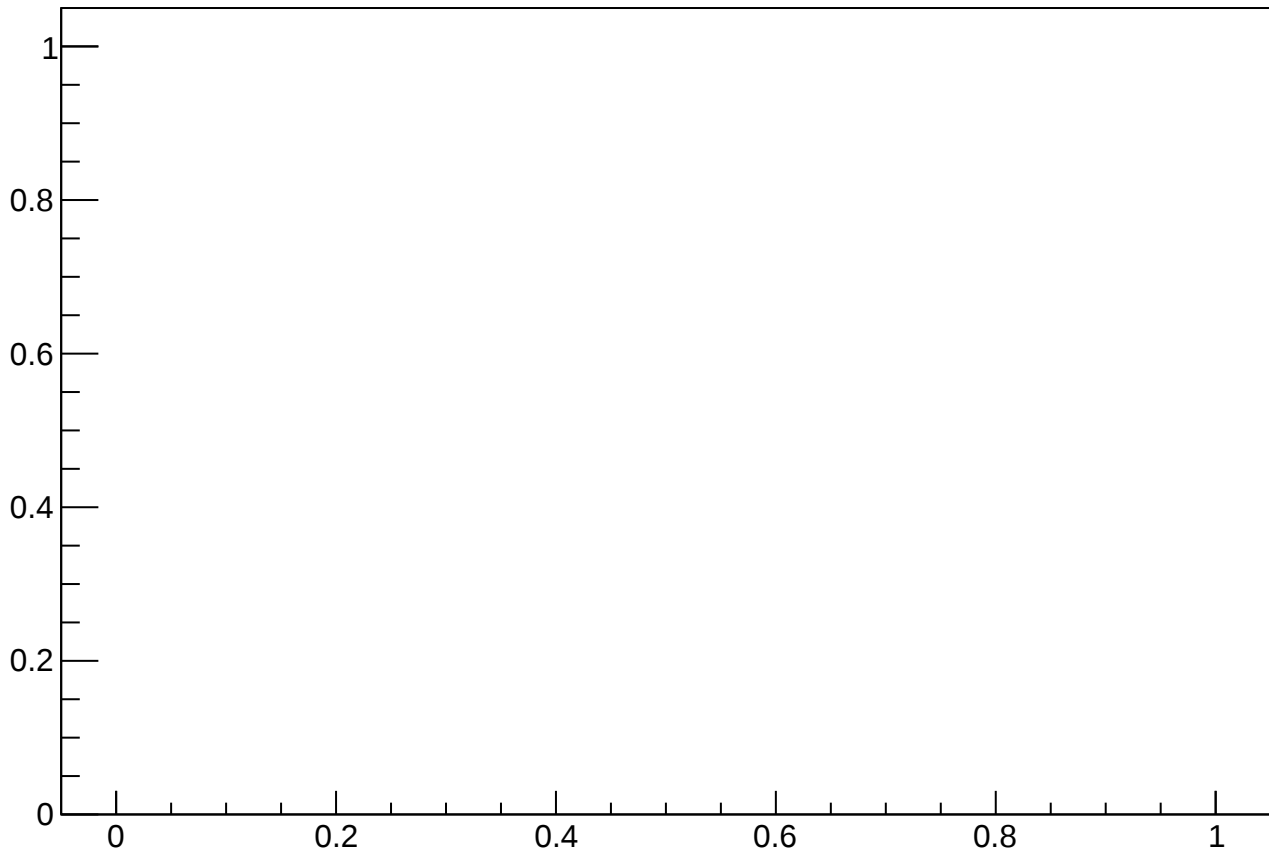
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

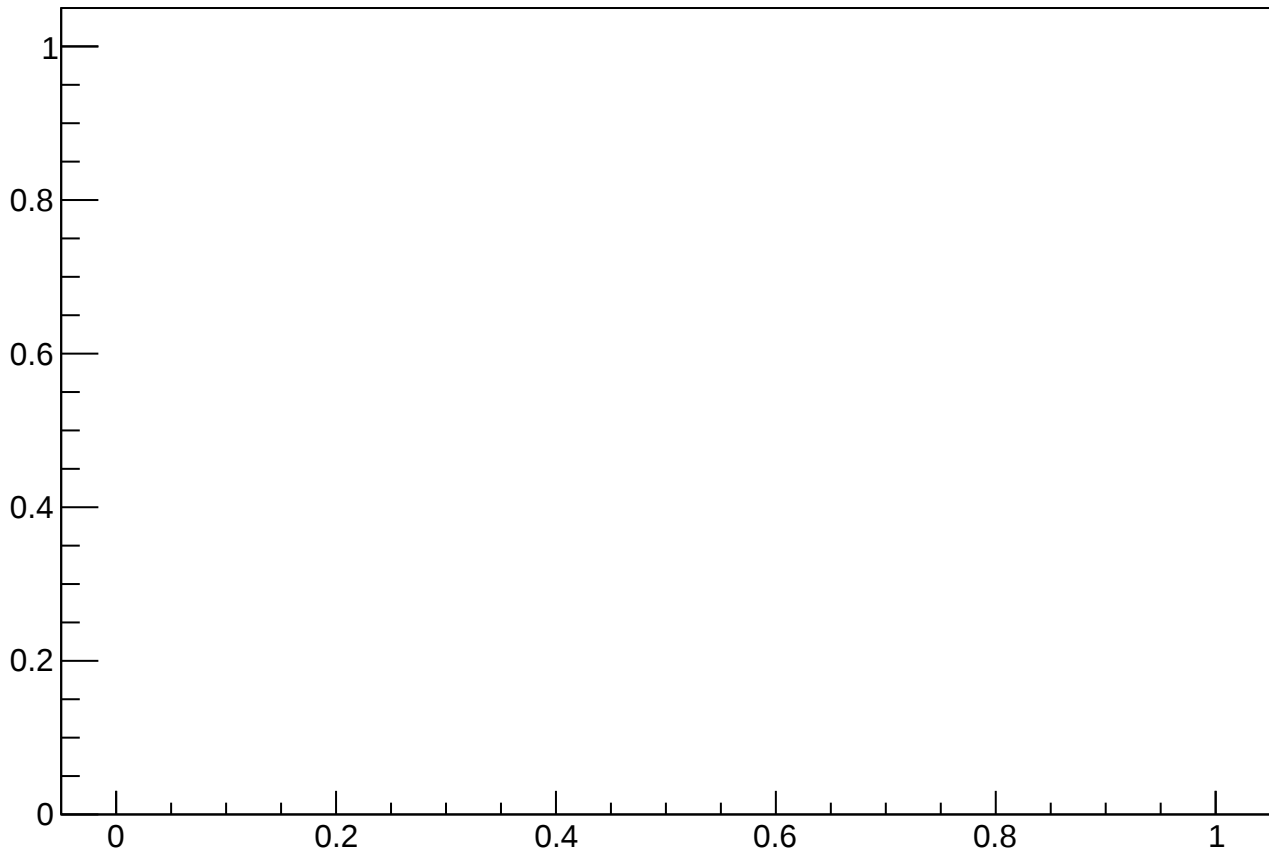
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

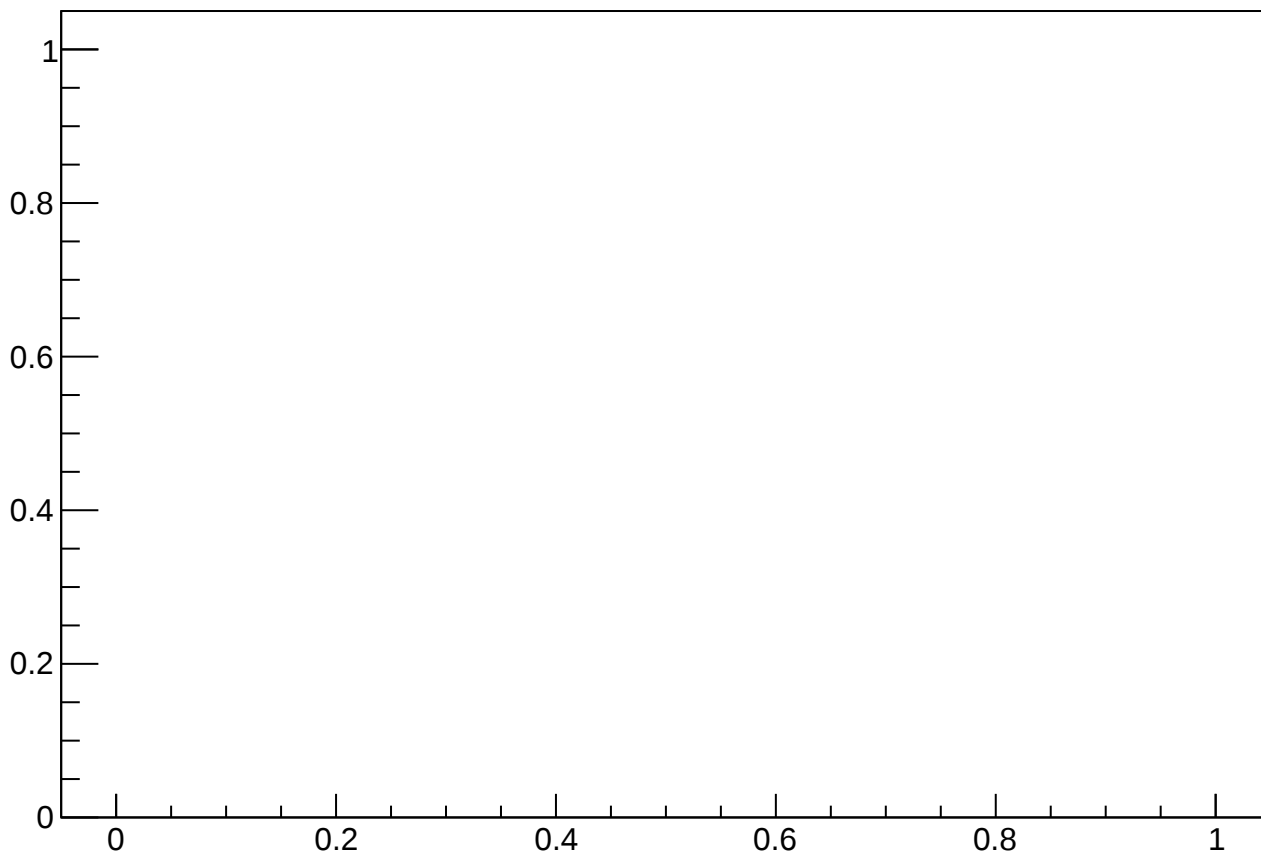
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

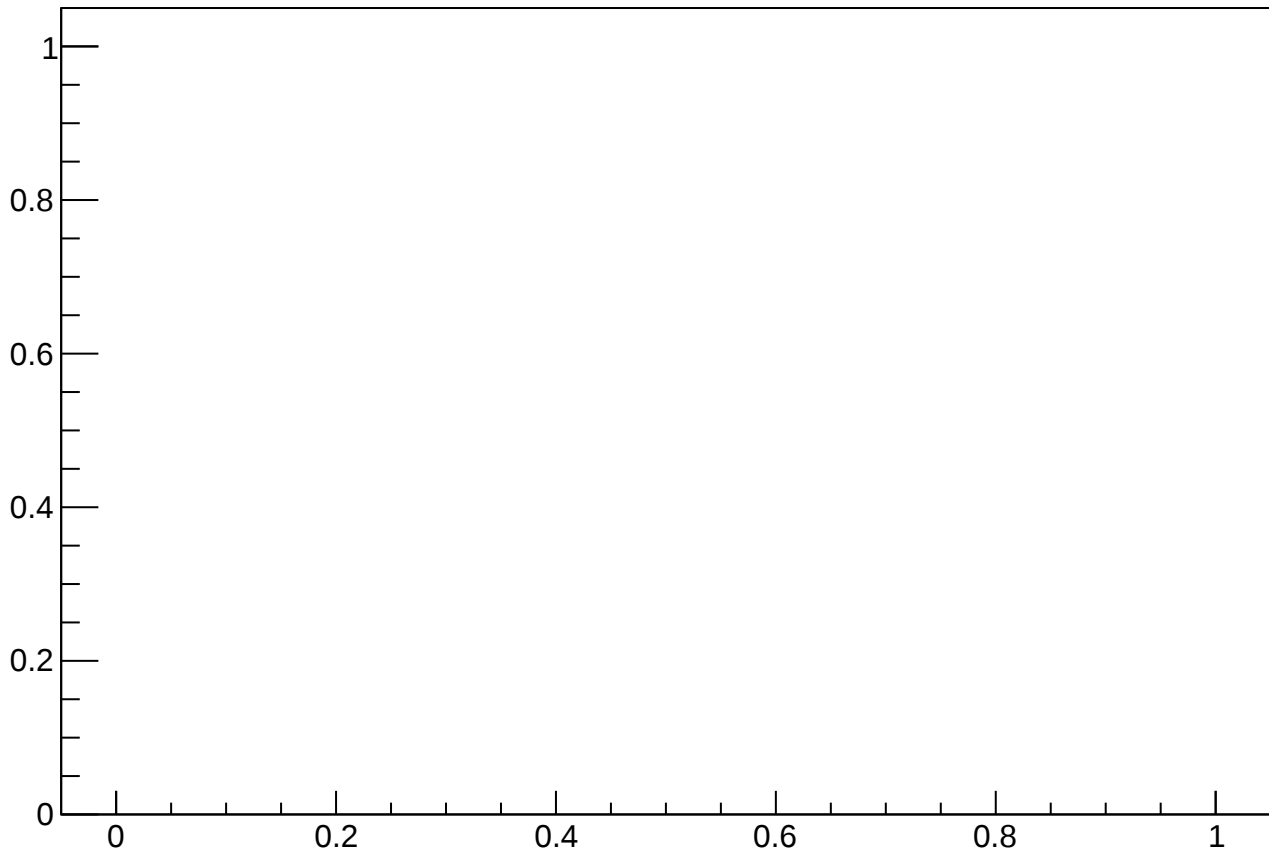
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

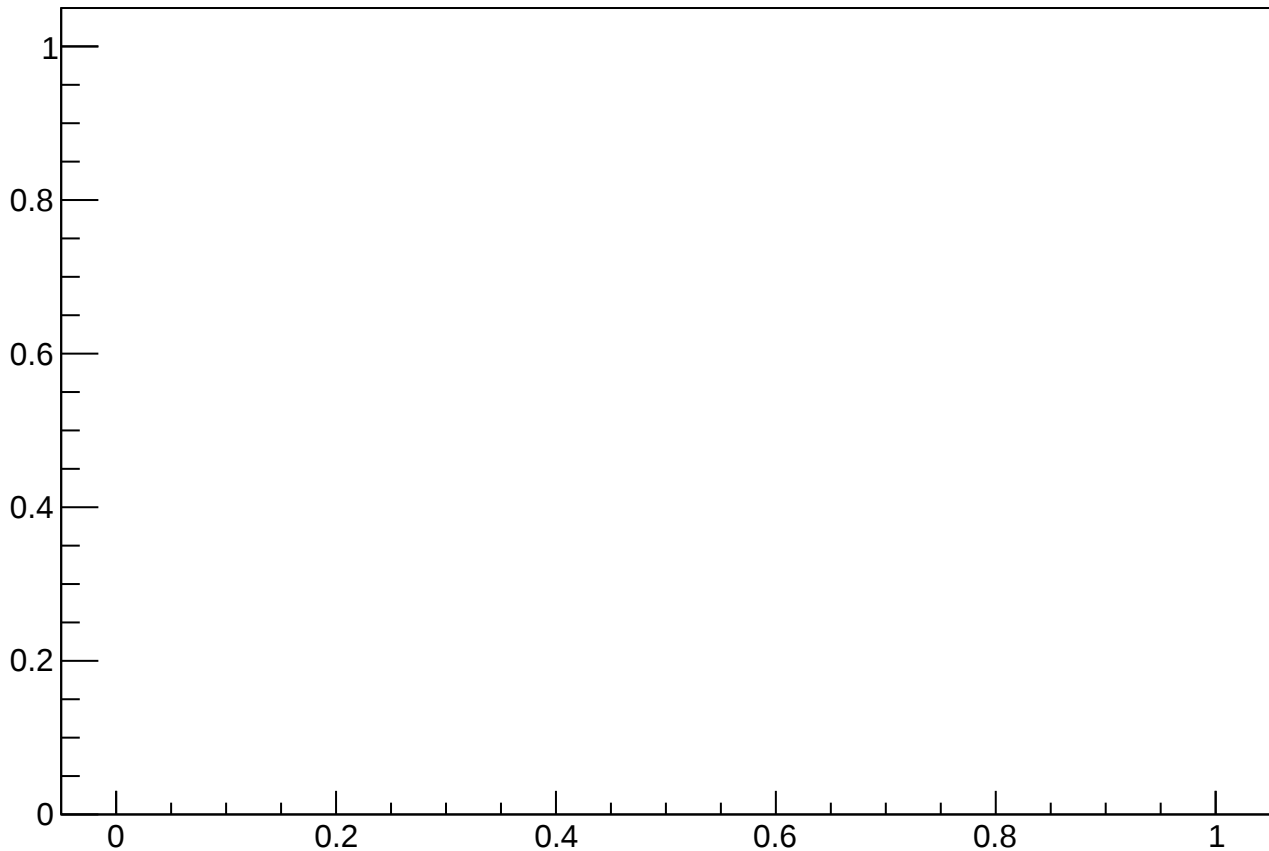
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

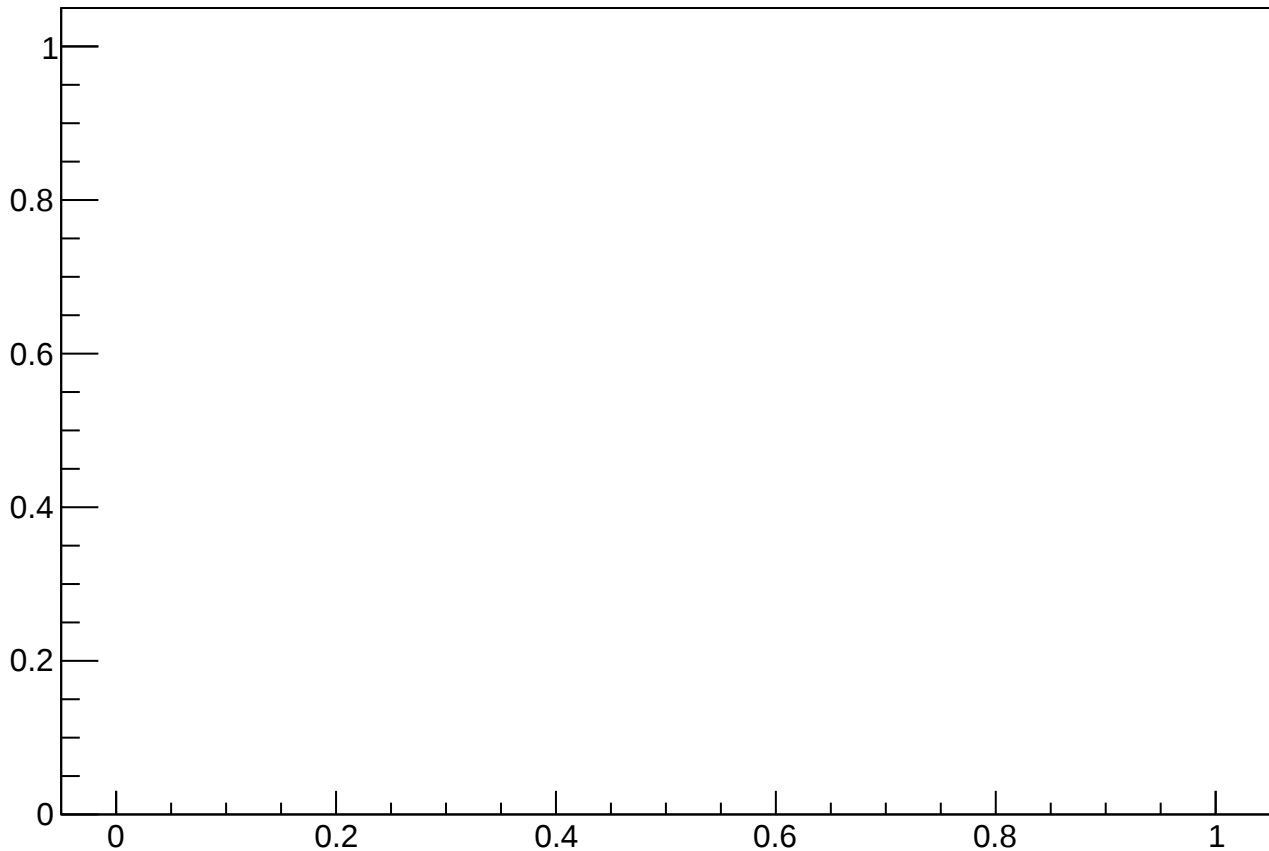
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

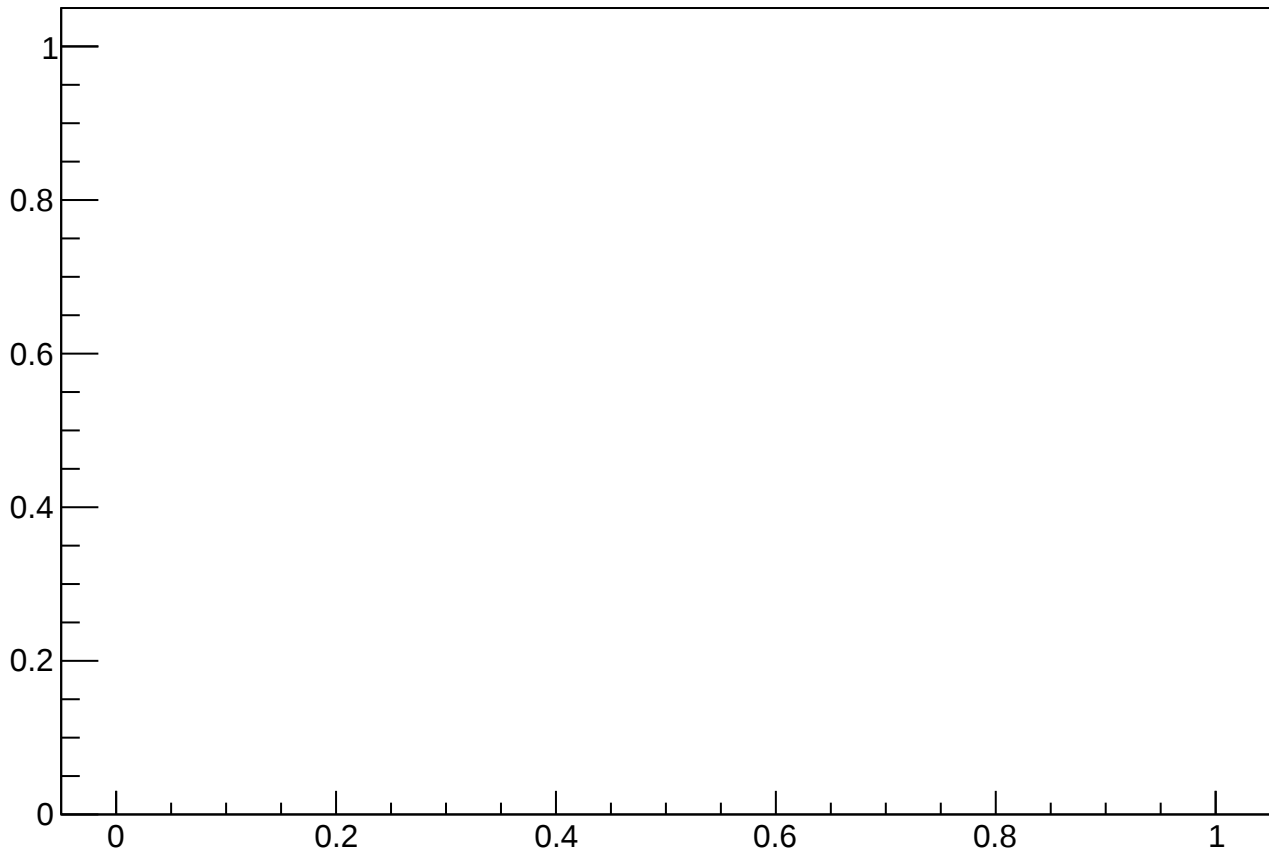
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

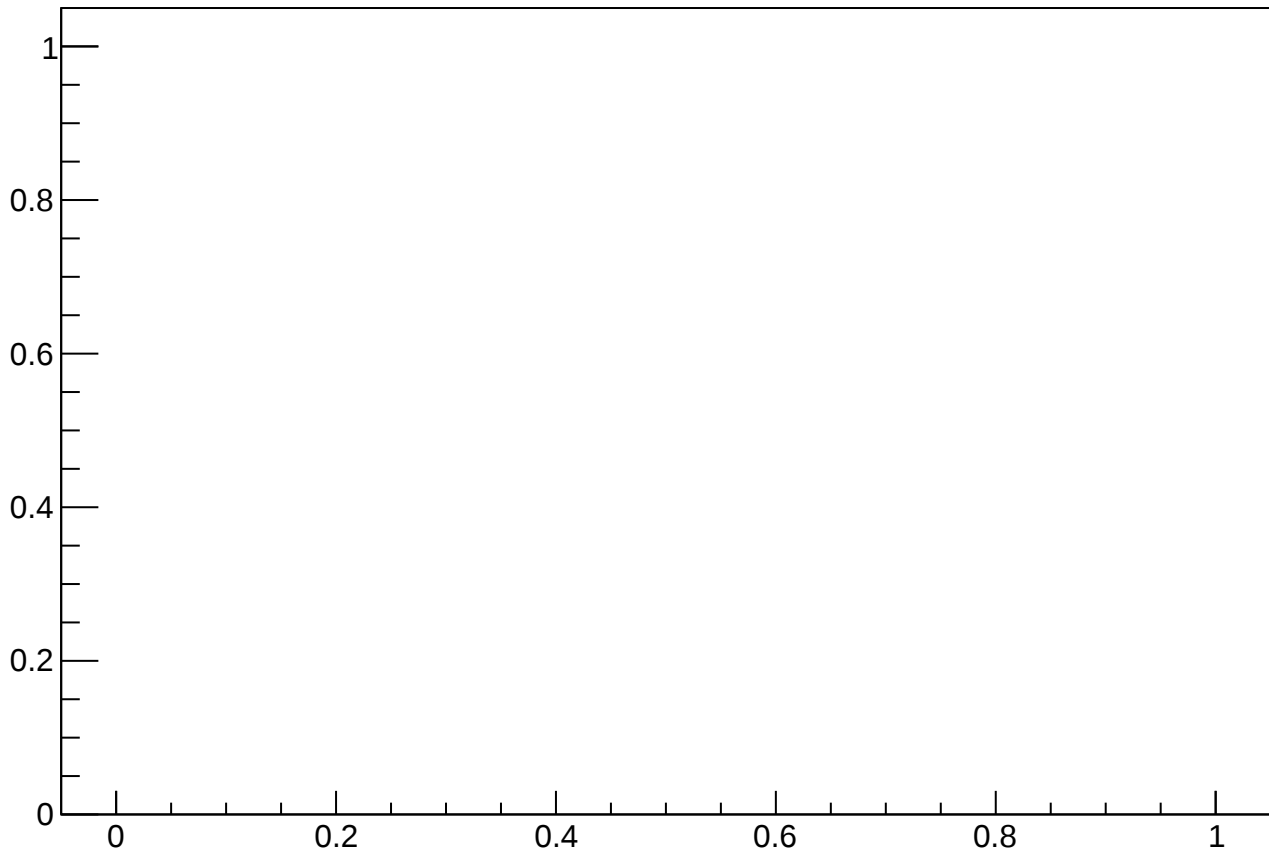
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

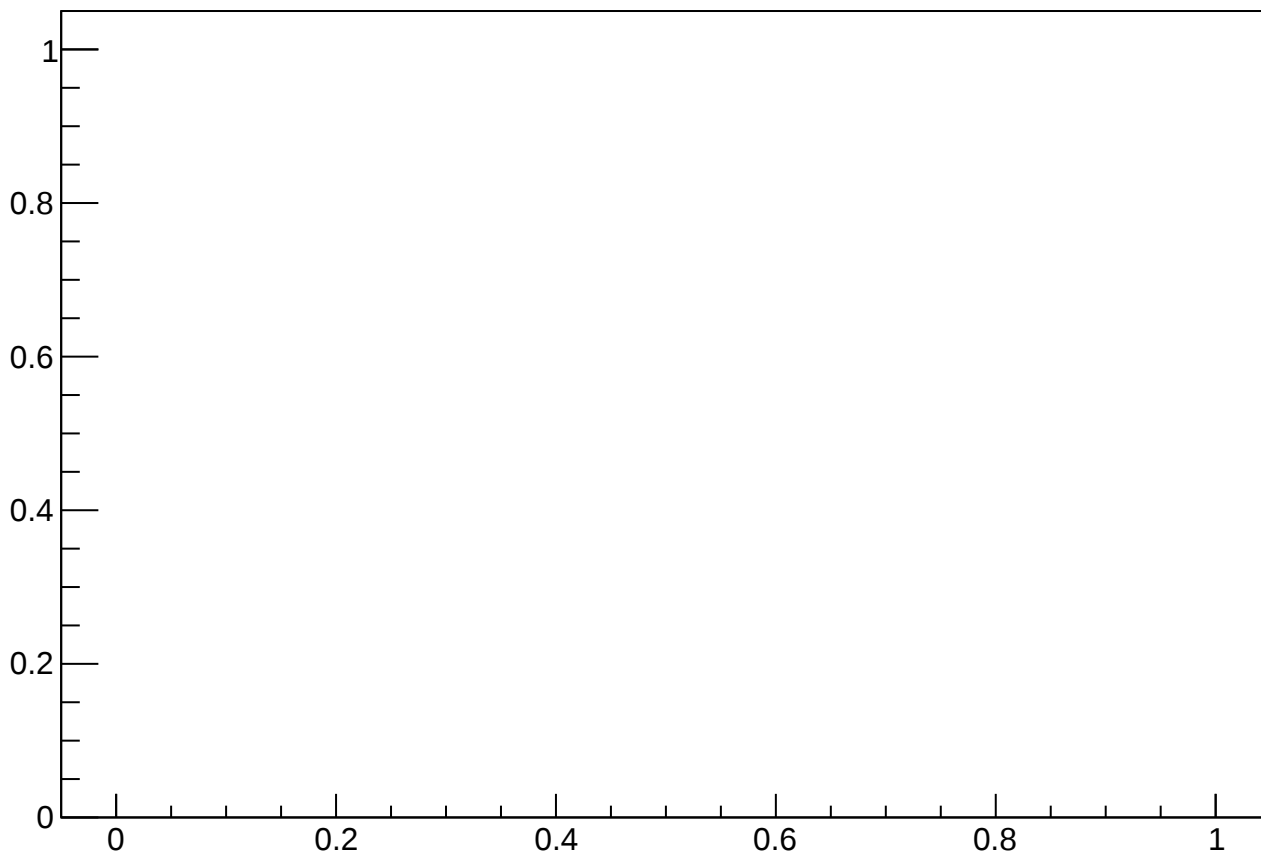
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

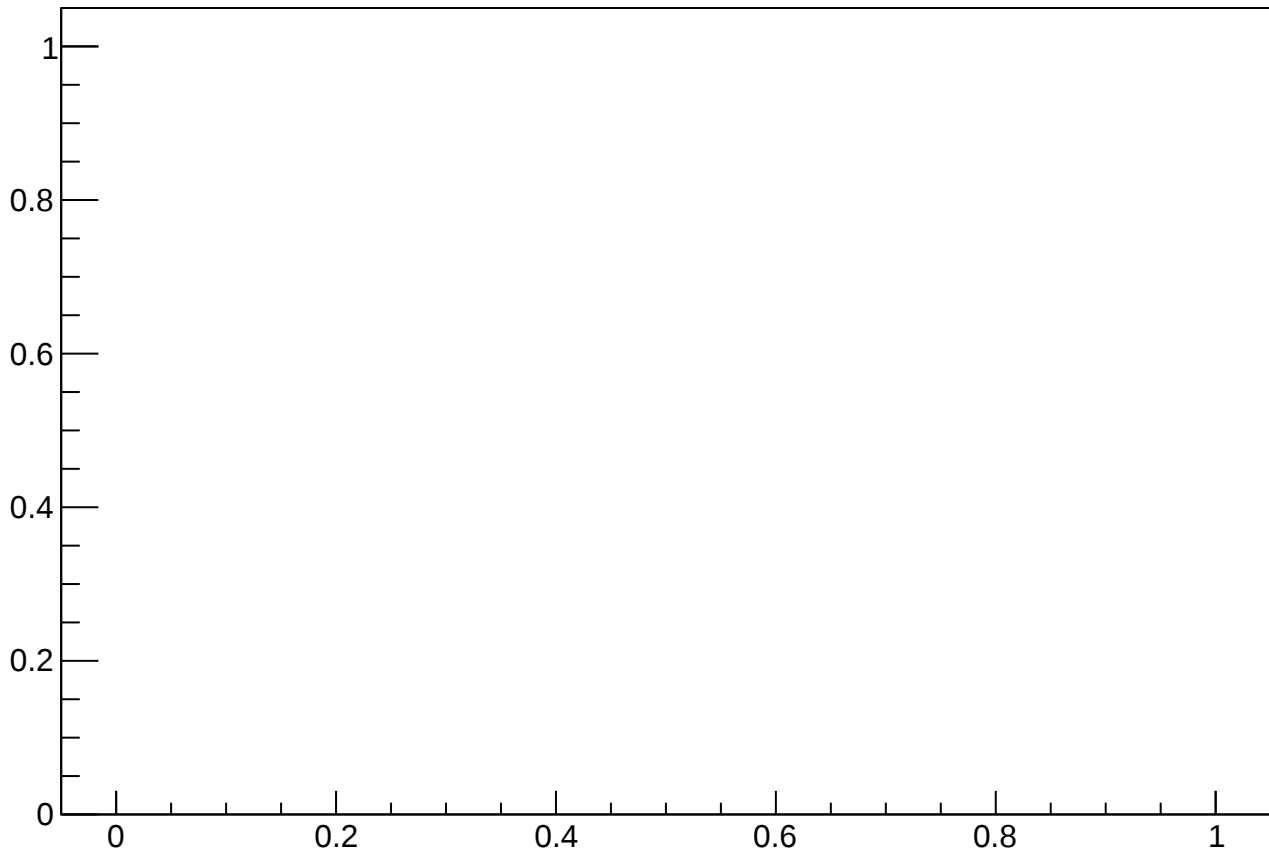
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

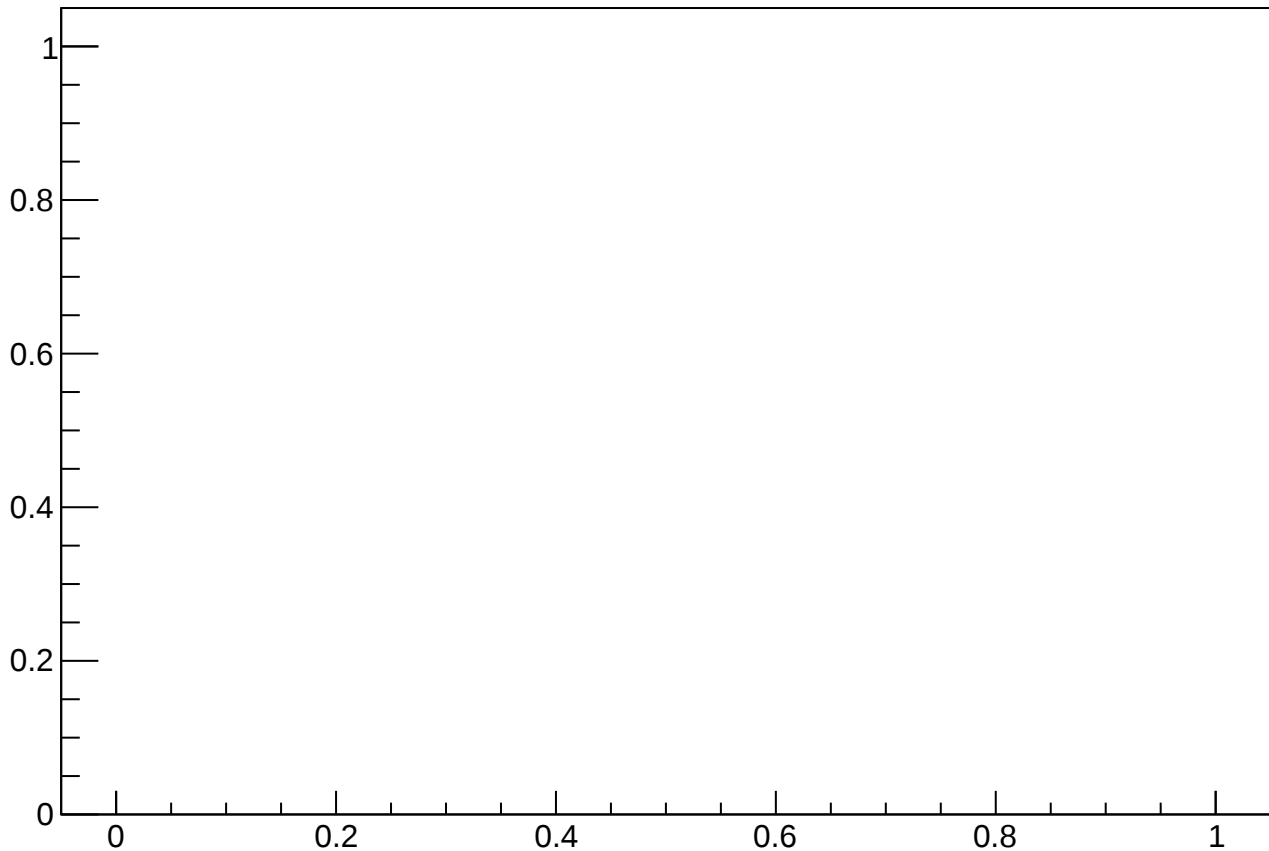
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

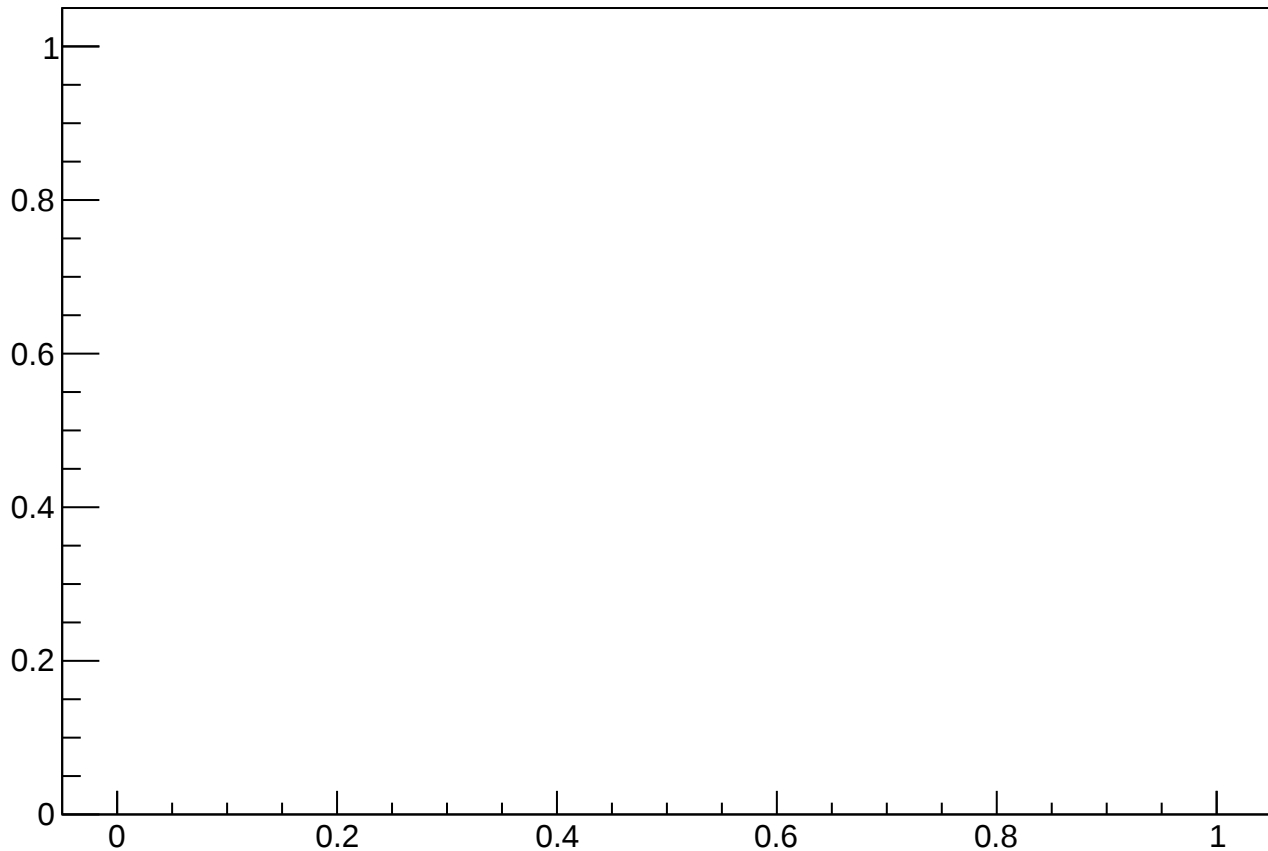
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

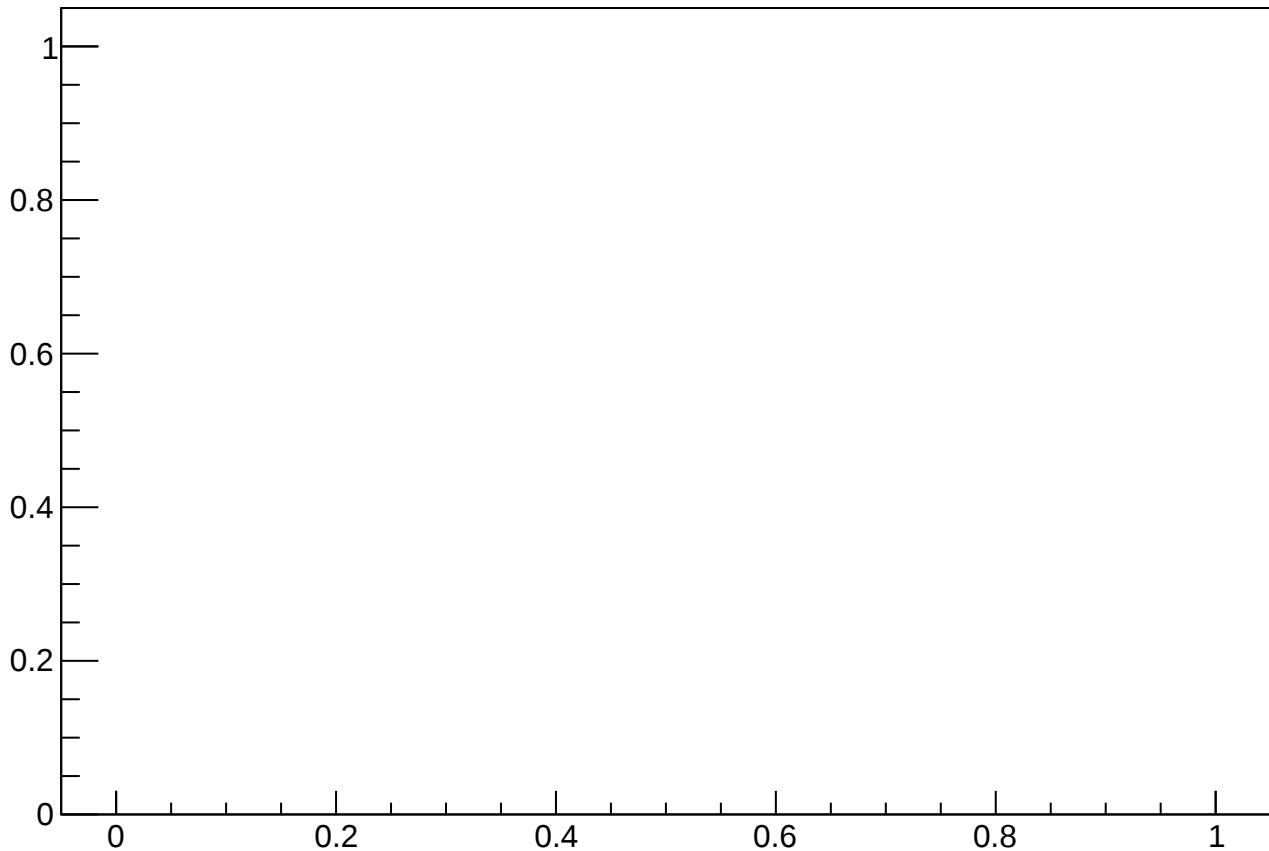
dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

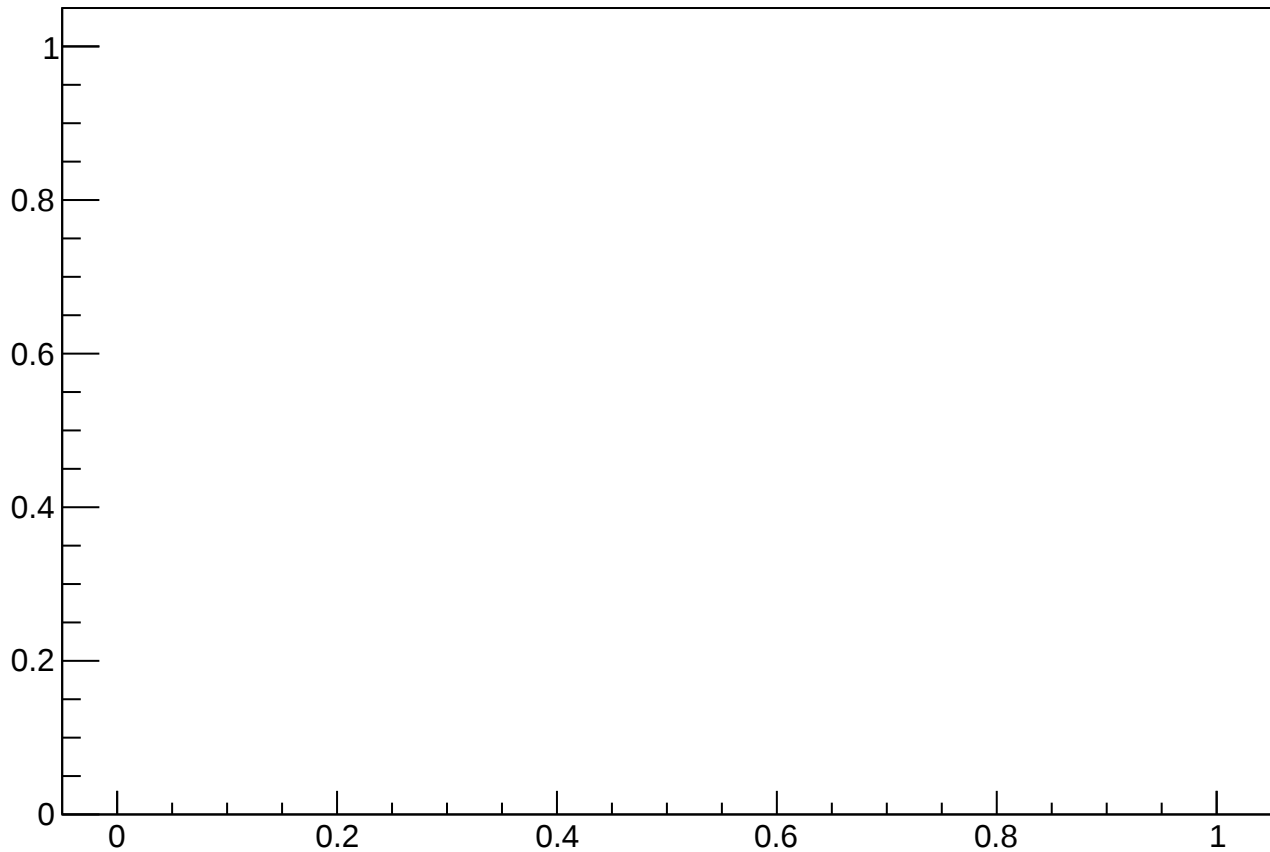
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

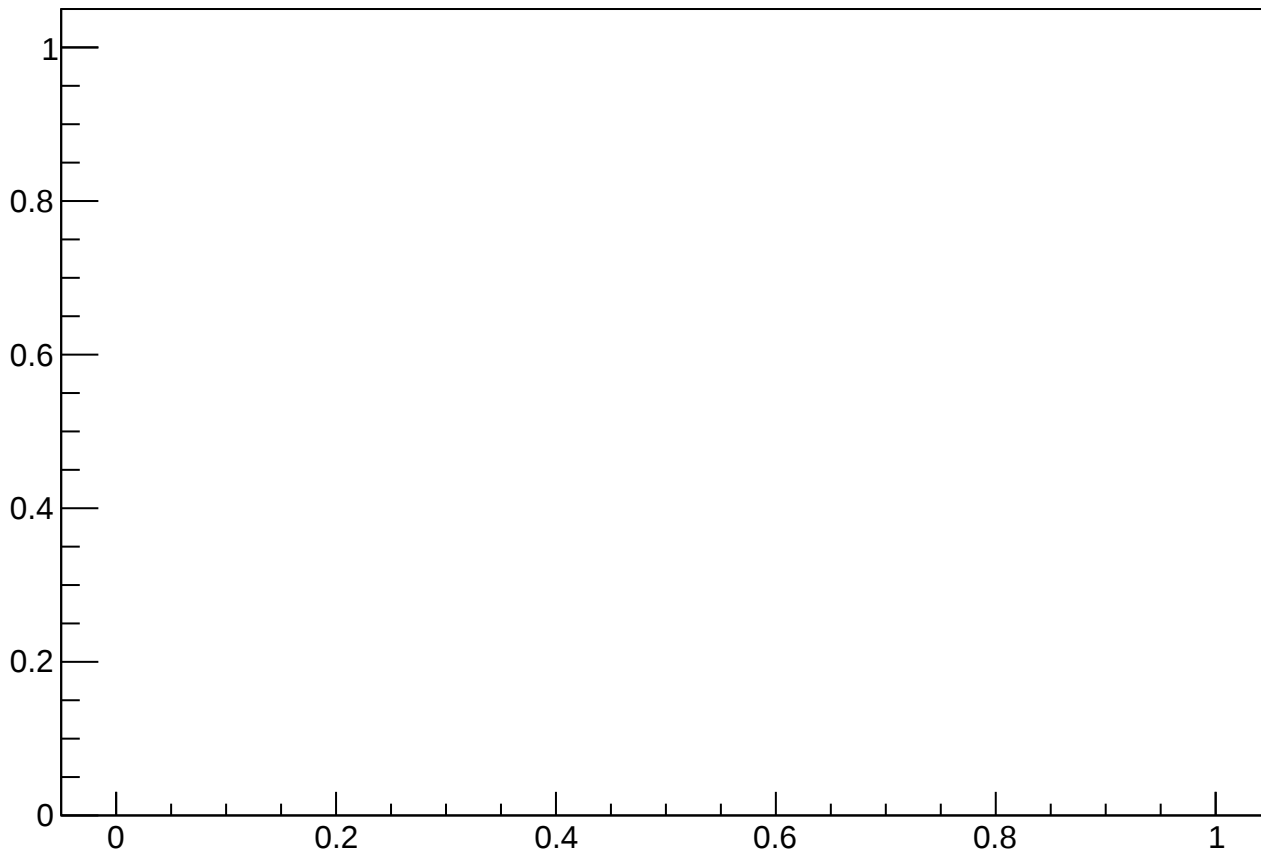
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

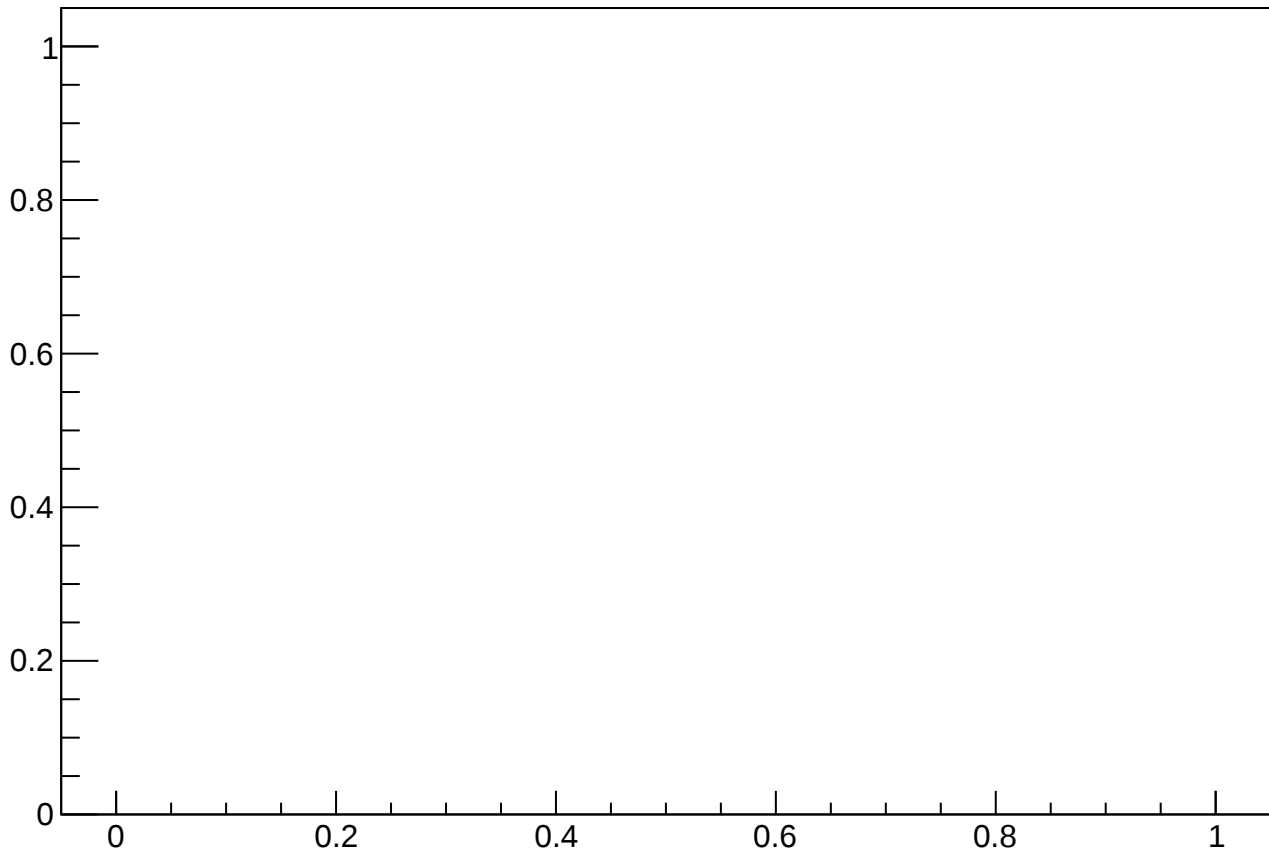
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

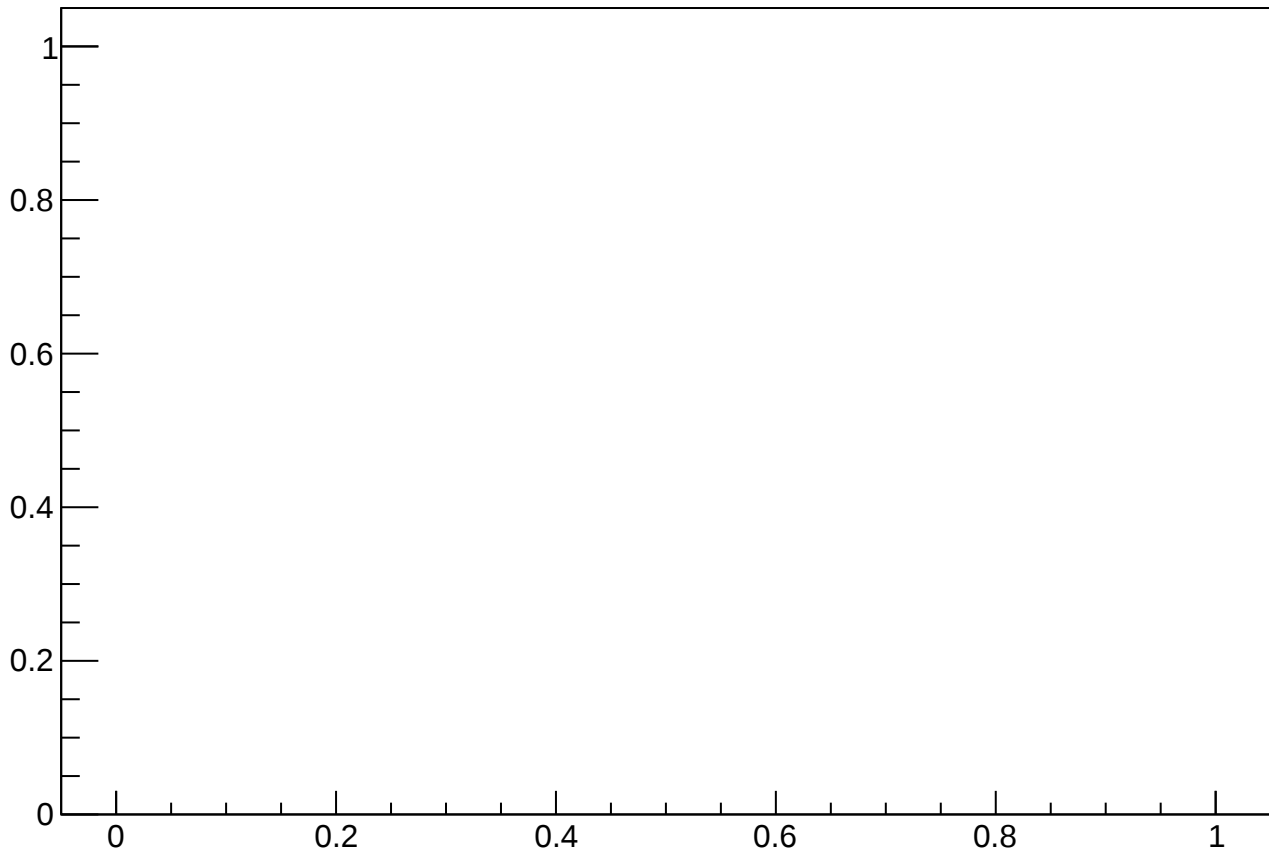
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

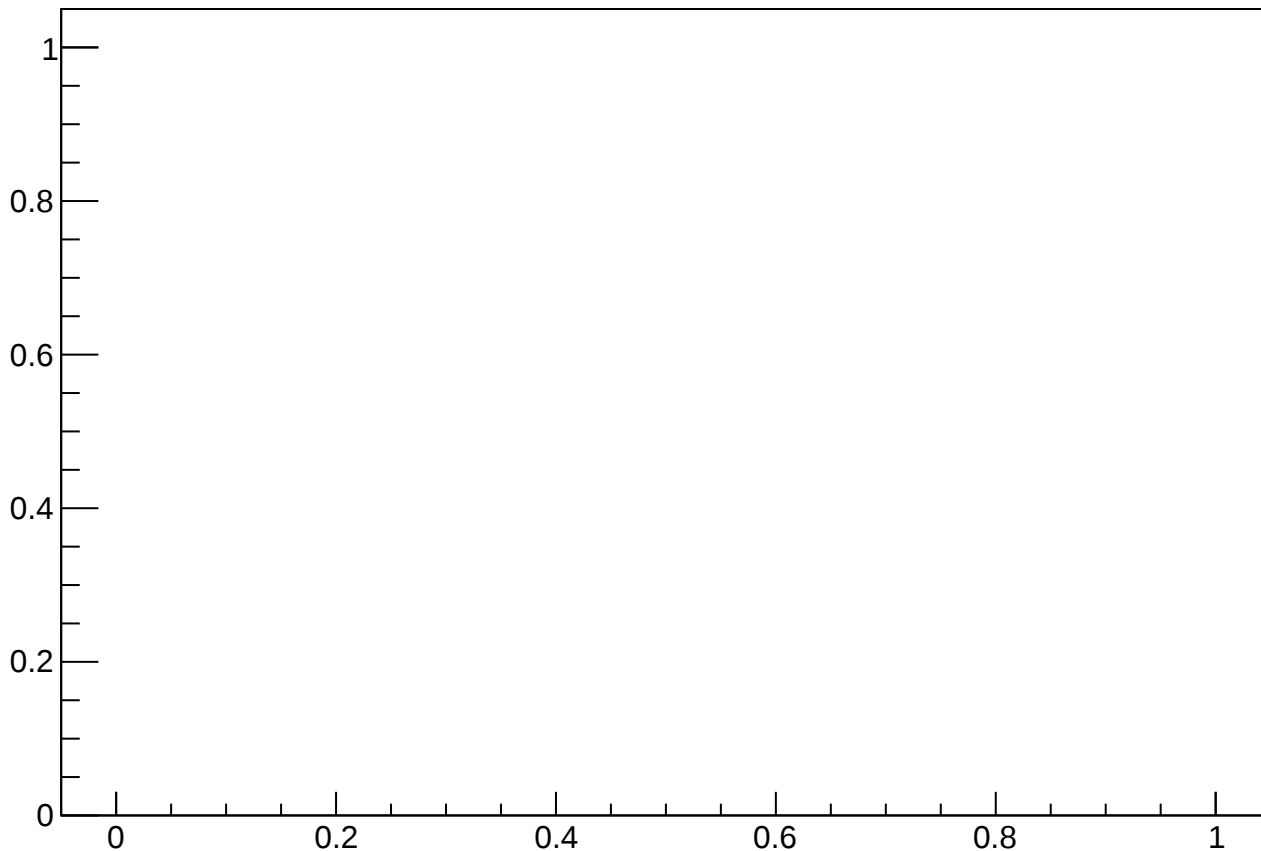
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

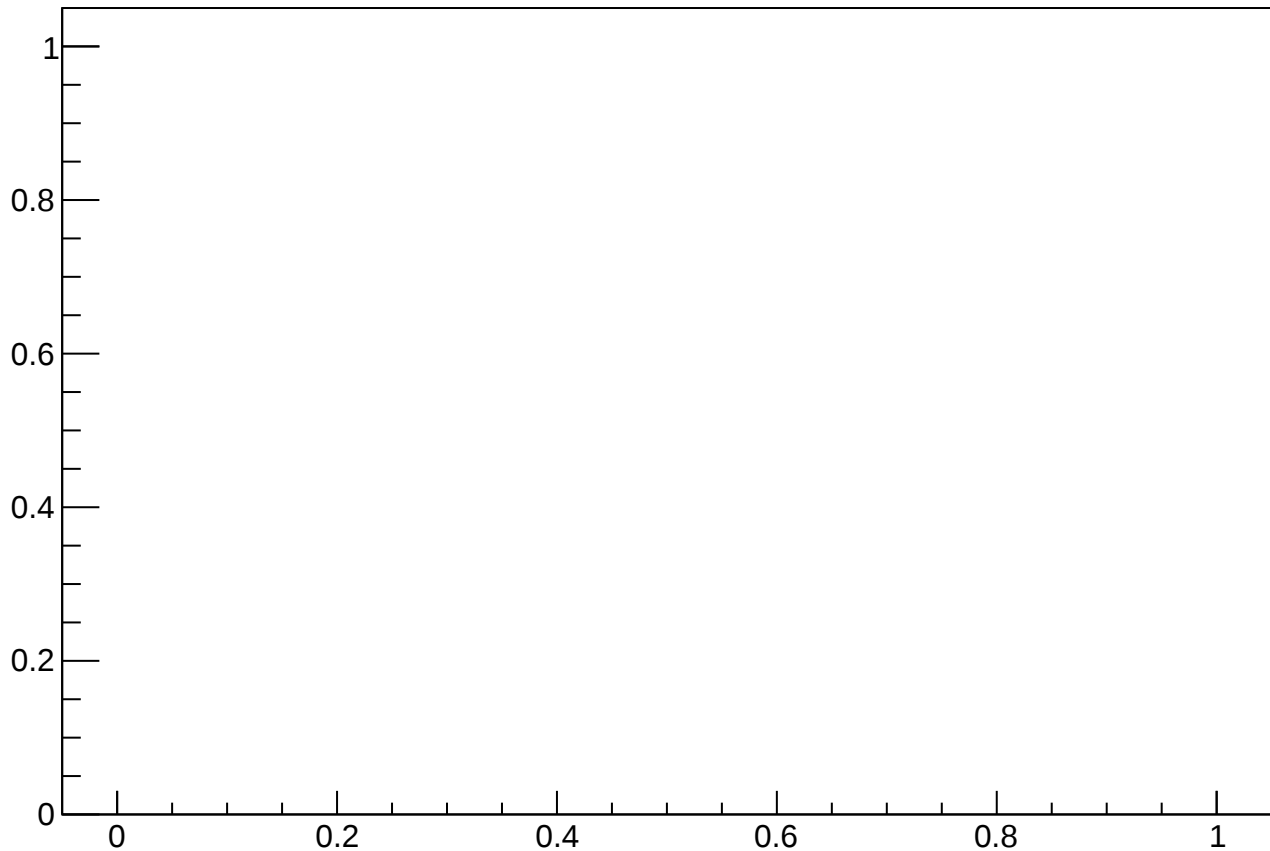
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

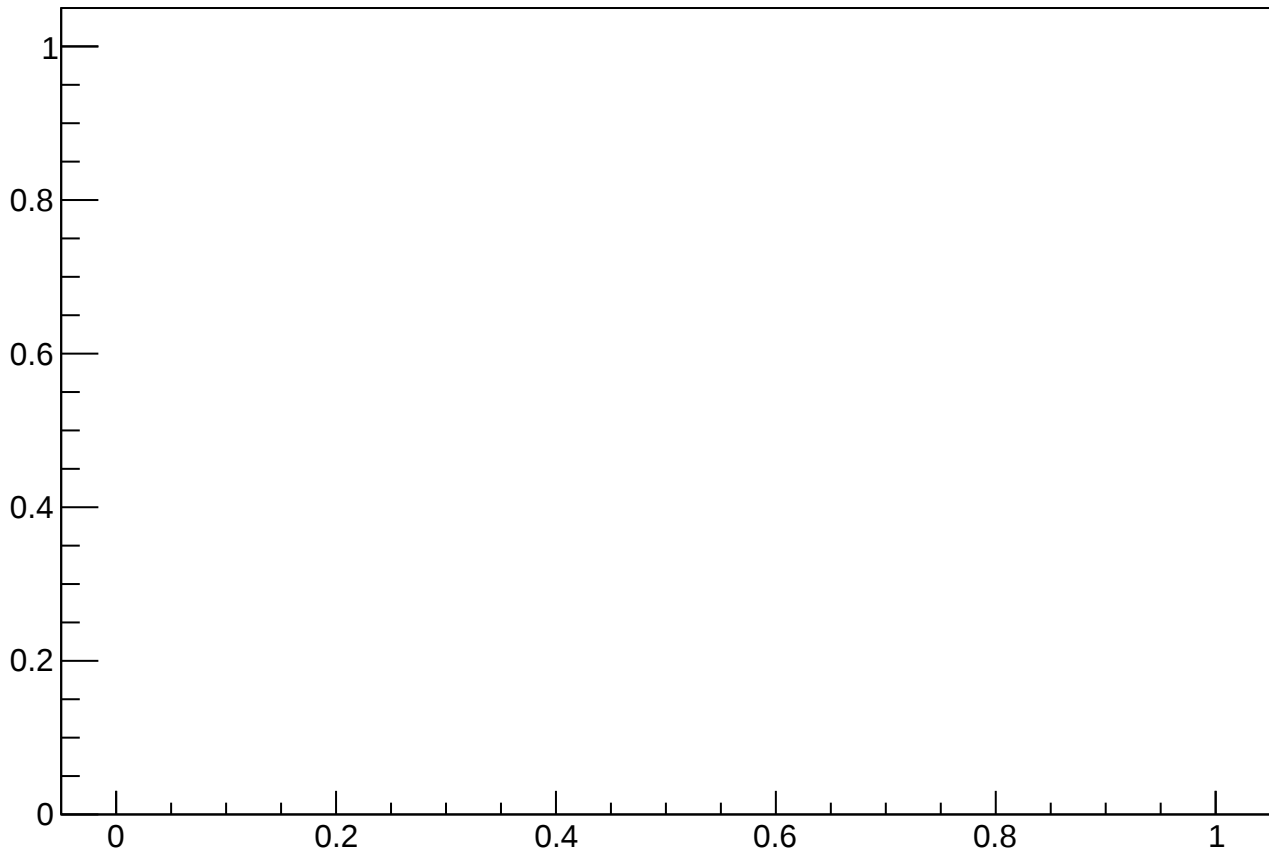
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

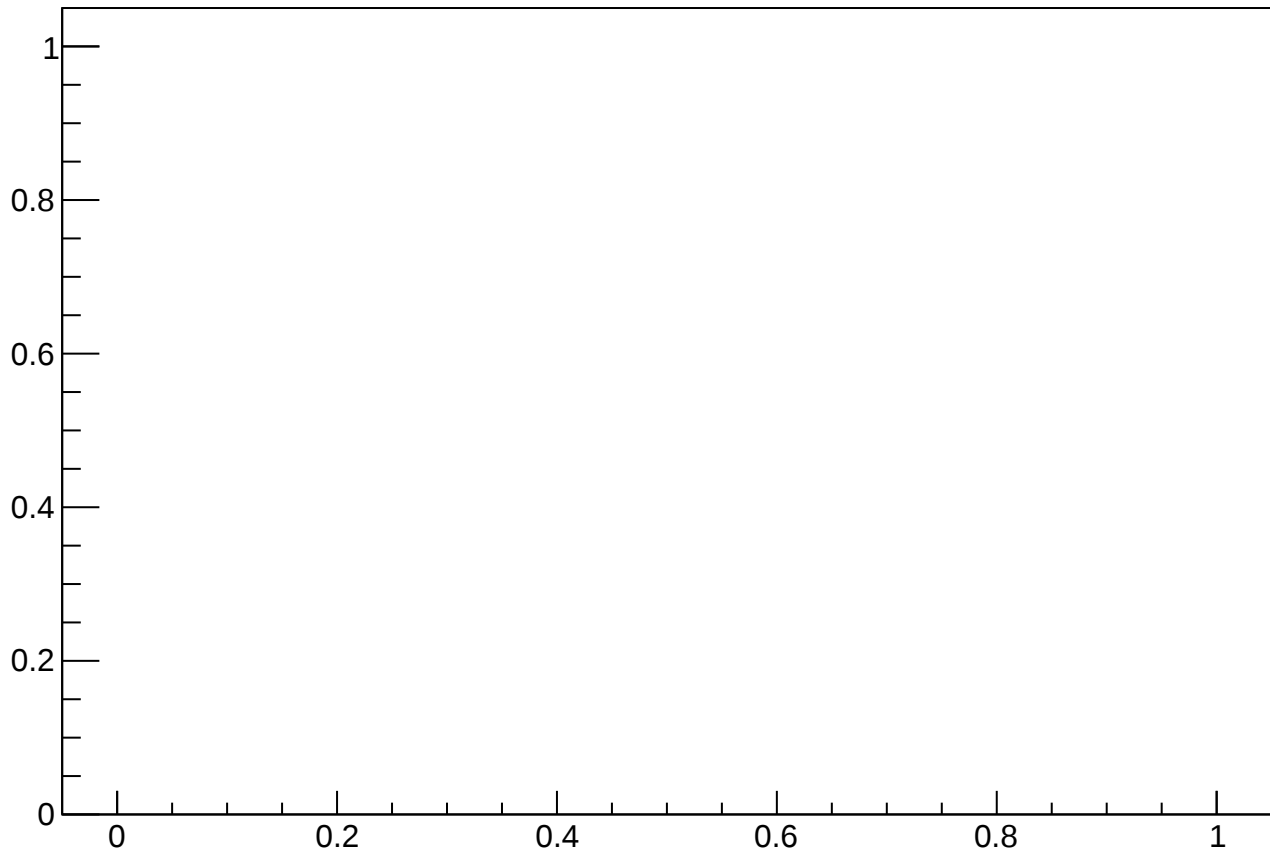
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

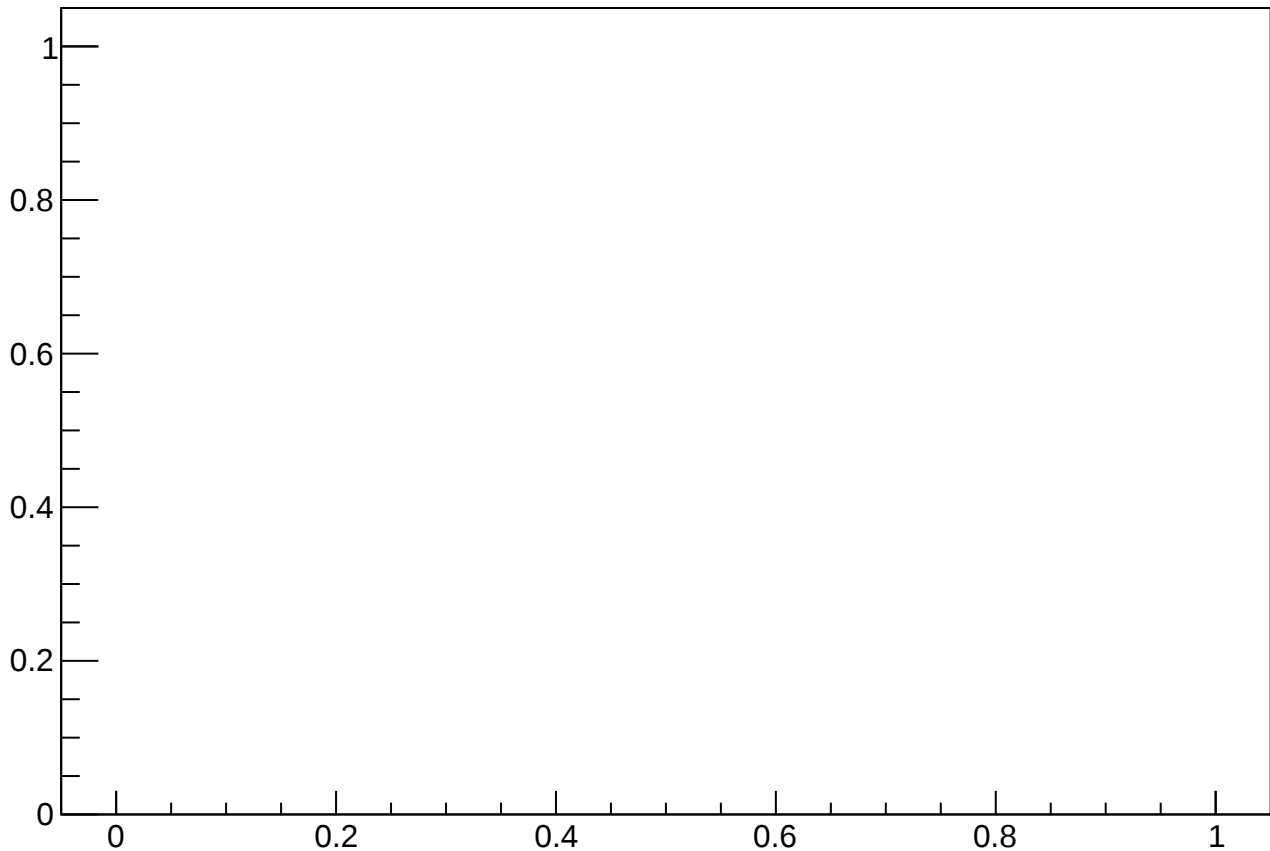
dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

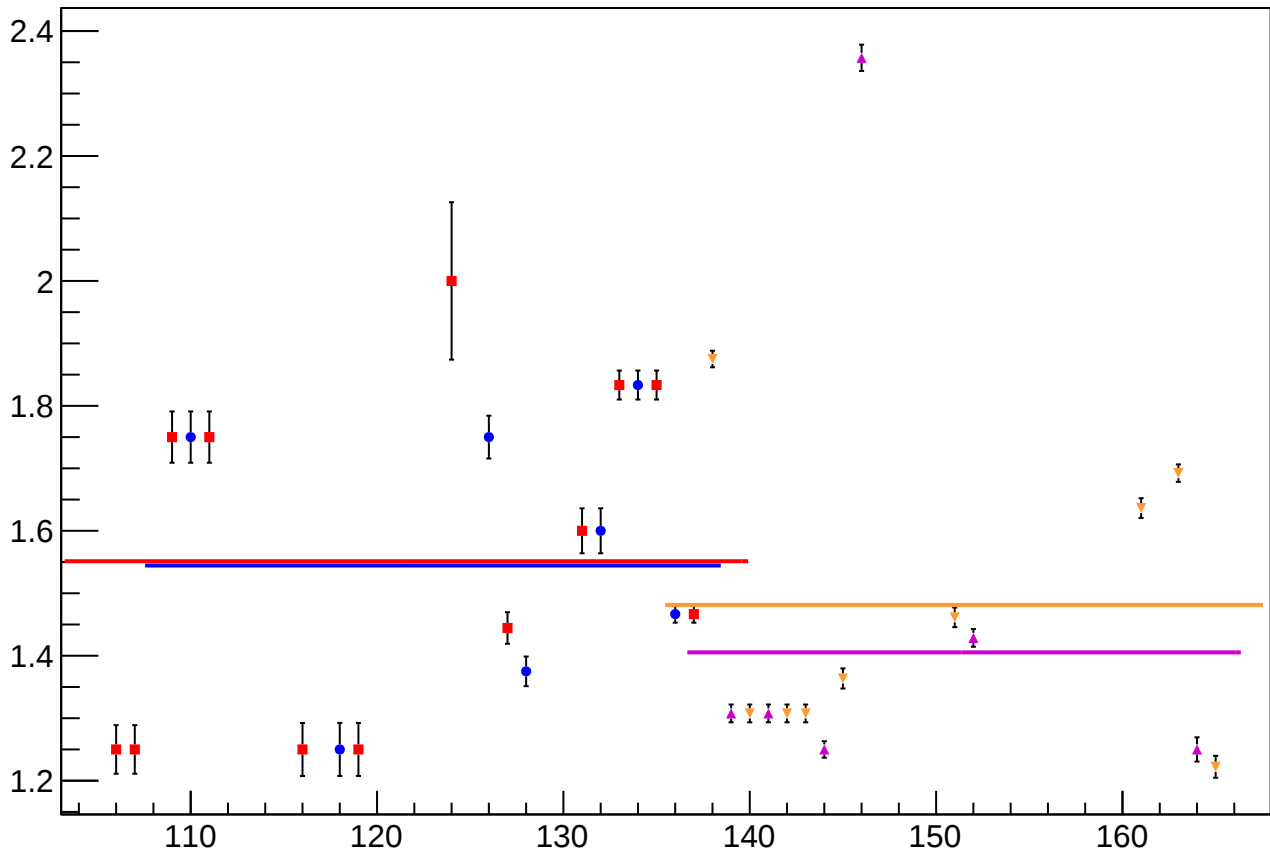
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

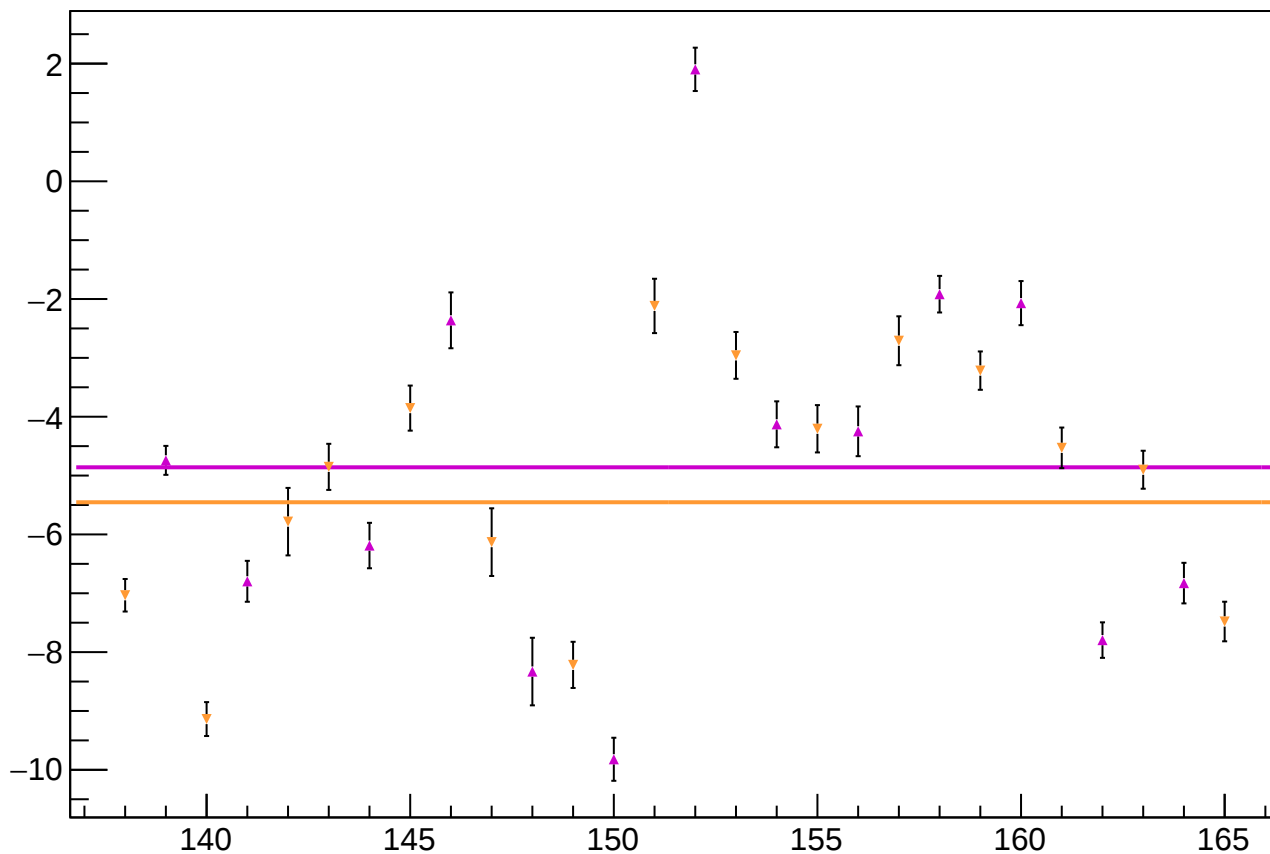
dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6
 Left Out: 1.481+/-0.005 χ^2/NDF :1927.1/8
 Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11
 Left In: 1.405+/-0.006 χ^2/NDF :2341.1/5

Left: 1.452+/-0.004 χ^2/NDF : 4358.7/14
 Right: 1.548+/-0.006 χ^2/NDF : 983.5/18
 In: 1.449+/-0.005 χ^2/NDF :2845.9/12
 Out: 1.500+/-0.004 χ^2/NDF :2614.4/20
 All: 1.480+/-0.003 χ^2/NDF : 5518.4/33

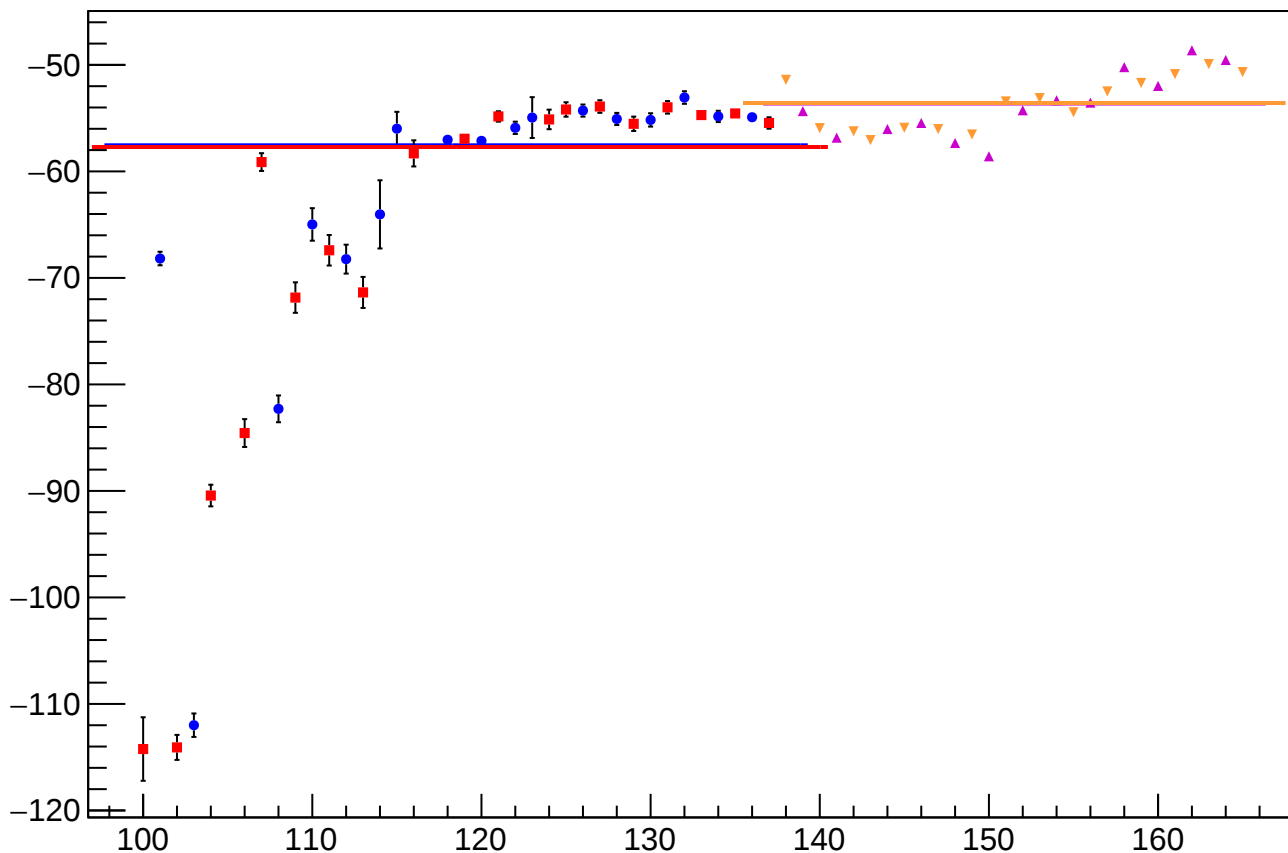
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.453 ± 0.095 χ^2/NDF : 505.6/14
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -4.860 ± 0.099 χ^2/NDF : 906.2/12

Left: -5.167 ± 0.068 χ^2/NDF : 1430.6/27
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -4.860 ± 0.099 χ^2/NDF : 906.2/12
 Out: -5.453 ± 0.095 χ^2/NDF : 505.6/14
 All: -5.167 ± 0.068 χ^2/NDF : 1430.6/27

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 $\chi^2/\text{NDF}: 3460.4/16$

Left Out: -53.580 ± 0.071 $\chi^2/\text{NDF}: 1159.9/14$

Right Out: -57.711 ± 0.143 $\chi^2/\text{NDF}: 4703.8/18$

Left In: -53.627 ± 0.075 $\chi^2/\text{NDF}: 1761.7/12$

Left: -53.602 ± 0.051 $\chi^2/\text{NDF}: 2921.7/27$

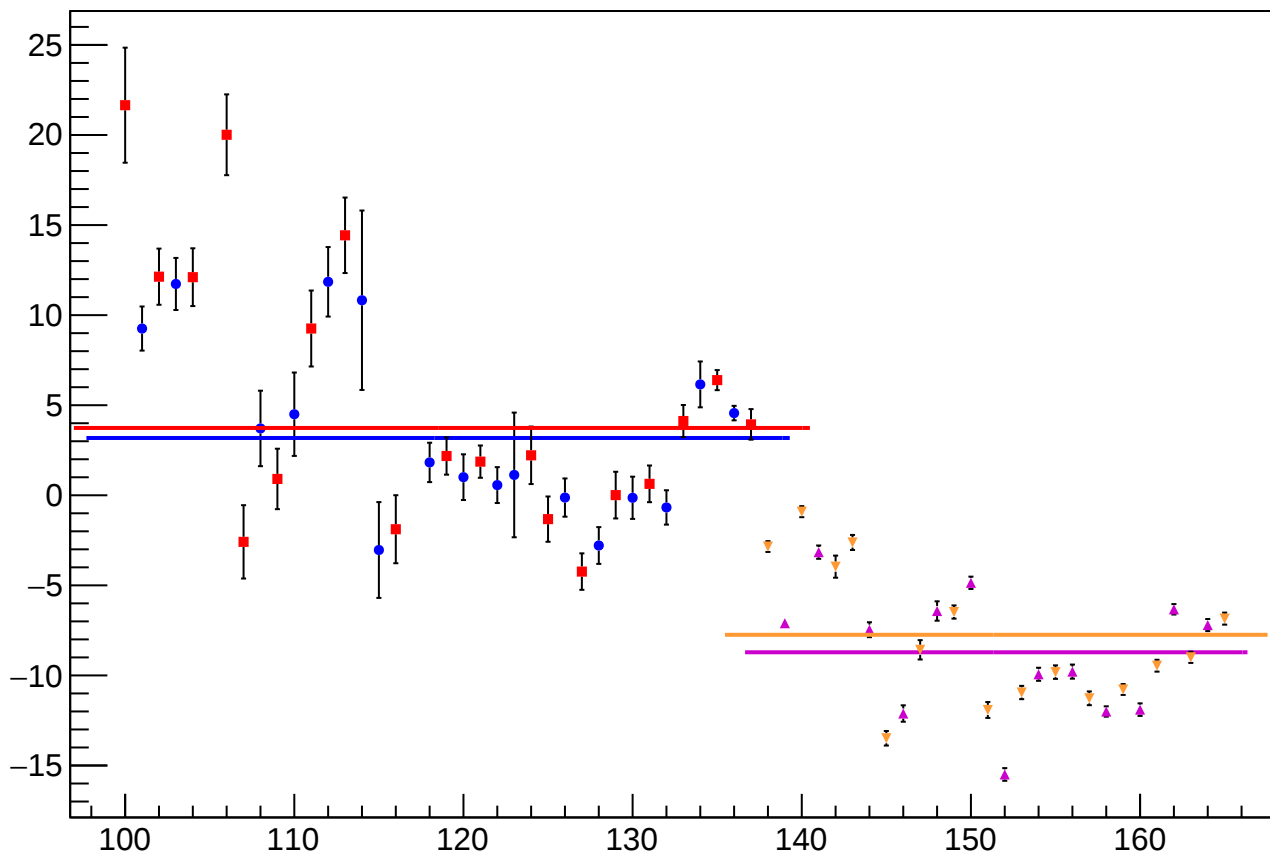
Right: -57.629 ± 0.101 $\chi^2/\text{NDF}: 8164.8/35$

In: -54.487 ± 0.066 $\chi^2/\text{NDF}: 5821.3/29$

Out: -54.393 ± 0.063 $\chi^2/\text{NDF}: 6536.2/33$

All: -54.437 ± 0.046 $\chi^2/\text{NDF}: 12358.5/63$

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.745 ± 0.094 χ^2/NDF : 1598.5/14

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -8.715 ± 0.097 χ^2/NDF : 1164.1/12

Left: -8.218 ± 0.067 χ^2/NDF : 2814.4/27

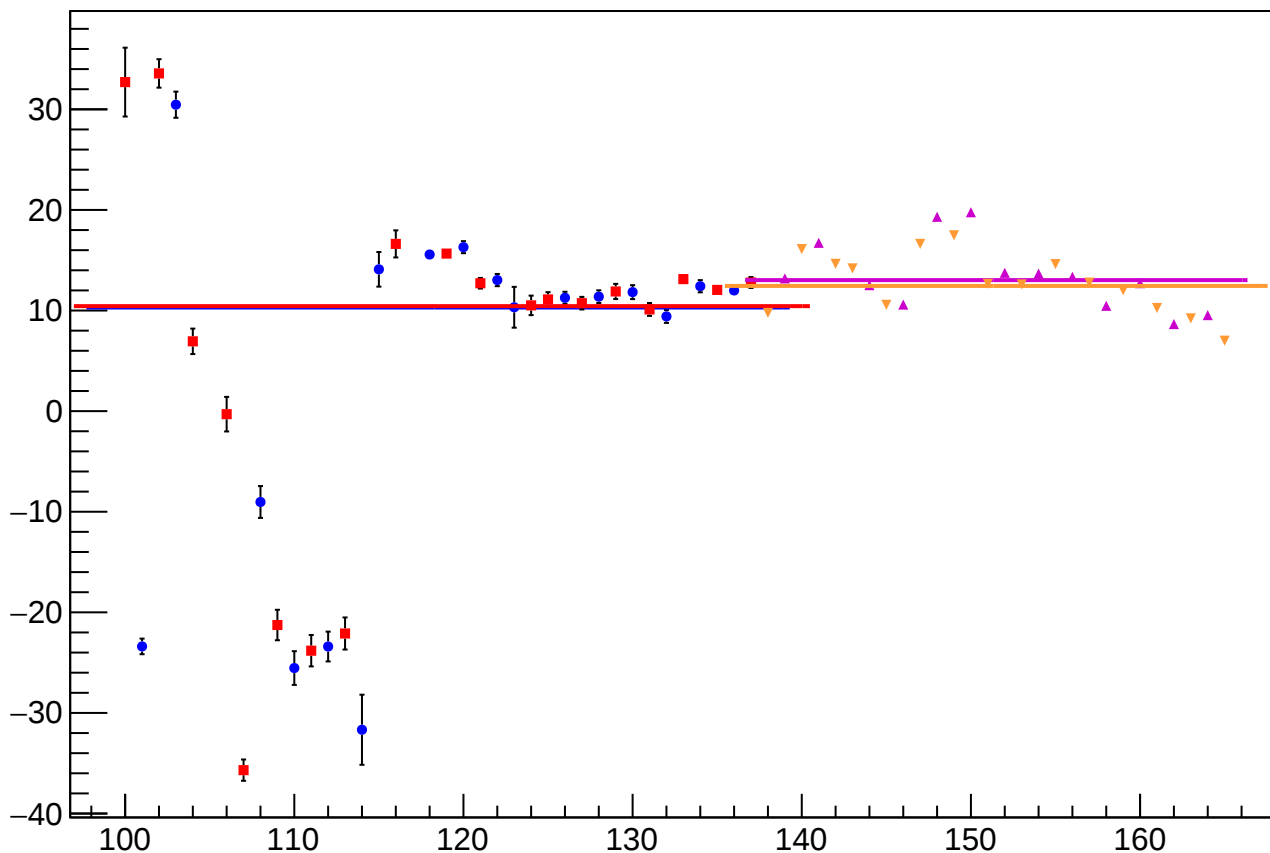
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -7.255 ± 0.090 χ^2/NDF : 3214.5/29

Out: -6.476 ± 0.089 χ^2/NDF : 3565.4/33

All: -6.858 ± 0.063 χ^2/NDF : 6817.8/63

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 12.446+/-0.081 χ^2/NDF :1276.1/14

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 13.024+/-0.085 χ^2/NDF :1564.8/12

Left: 12.720+/-0.058 χ^2/NDF : 2865.3/27

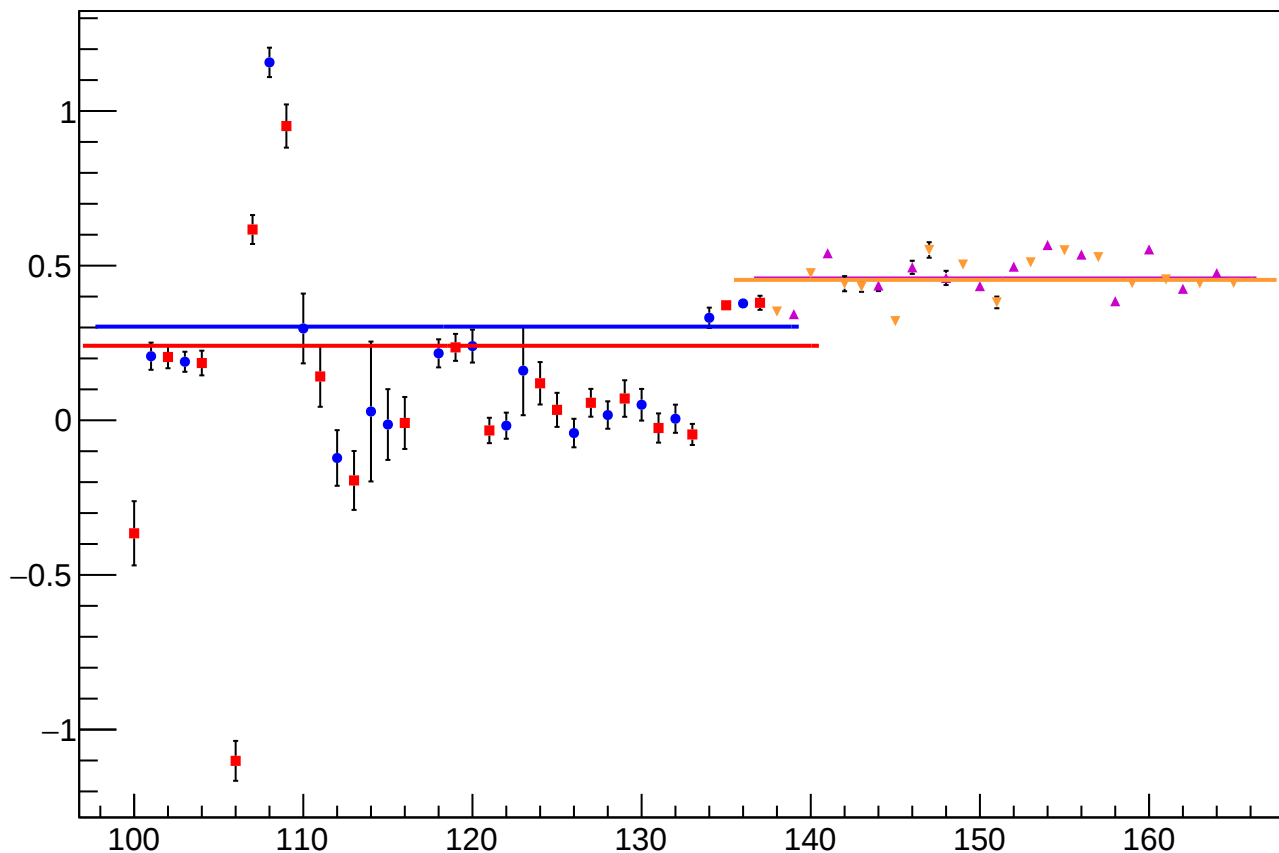
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 12.410+/-0.075 χ^2/NDF :5497.2/29

Out: 12.038+/-0.072 χ^2/NDF :5231.1/33

All: 12.218+/-0.052 χ^2/NDF : 10741.2/63

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.454 $\pm$ 0.004 χ^2 /NDF:301.4/14

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.459 $\pm$ 0.004 χ^2 /NDF:418.8/12

Left: 0.456 $\pm$ 0.003 χ^2 /NDF: 721.0/27

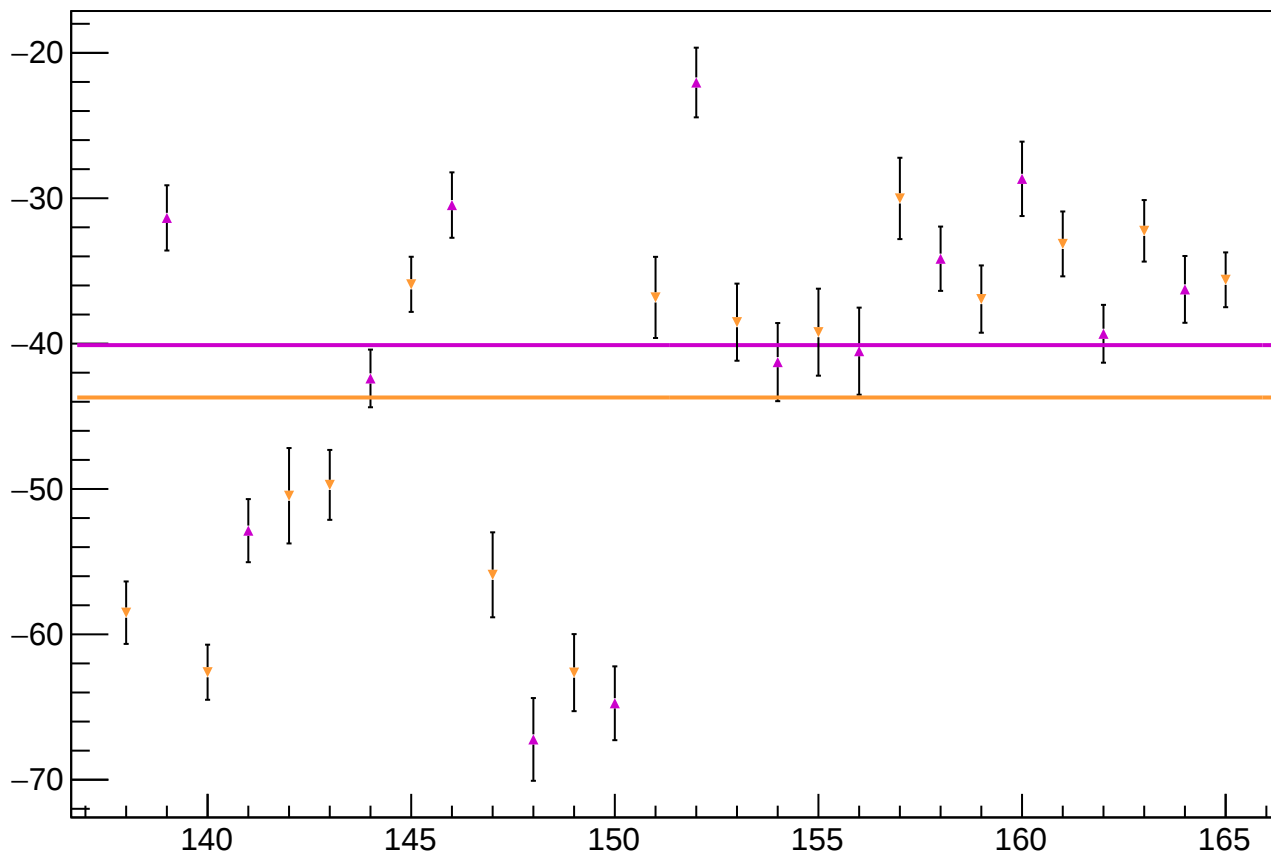
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.432 $\pm$ 0.003 χ^2 /NDF:1365.9/29

Out: 0.421 $\pm$ 0.003 χ^2 /NDF:1822.1/33

All: 0.426 $\pm$ 0.002 χ^2 /NDF: 3193.8/63

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.706+/-0.609 χ^2/NDF :357.5/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.103+/-0.650 χ^2/NDF :341.6/12

Left: -42.024+/-0.444 χ^2/NDF : 715.4/27

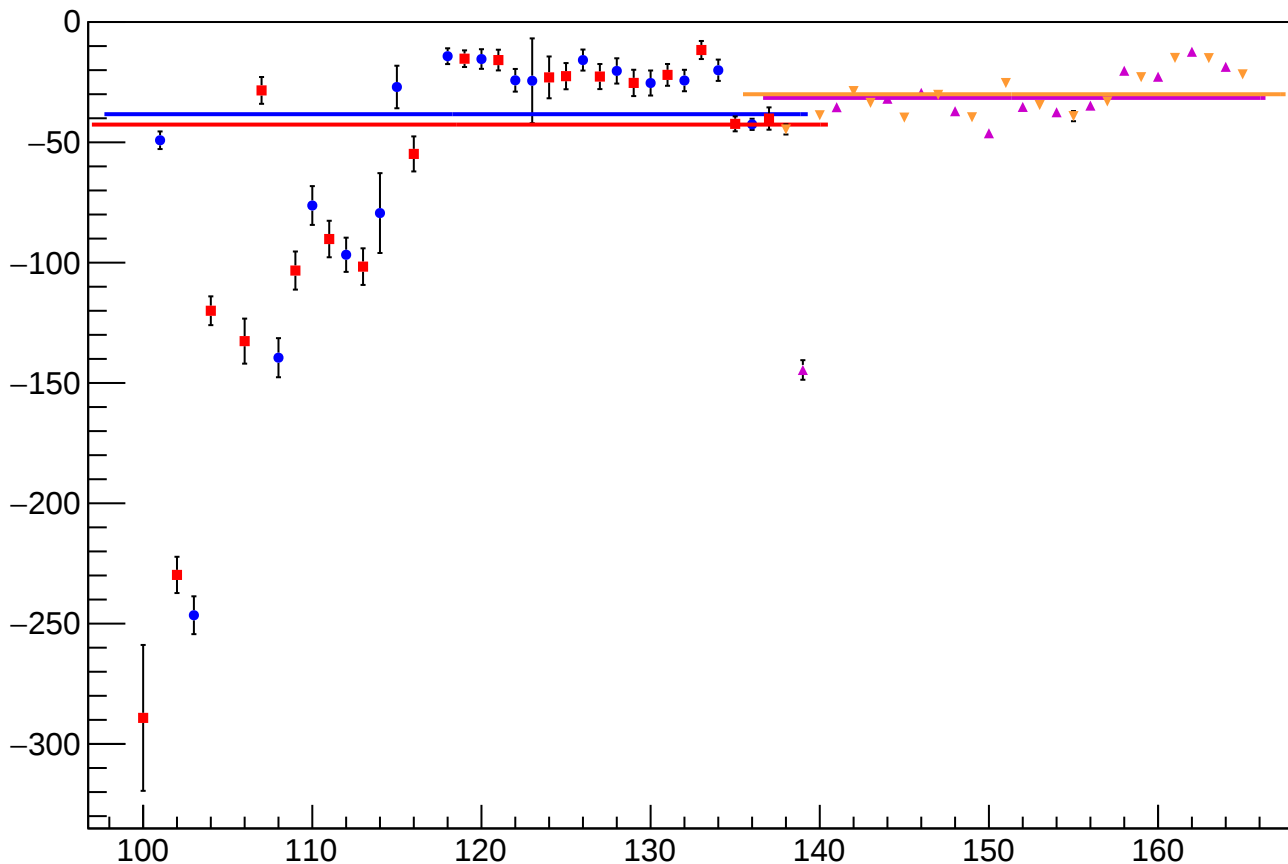
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.103+/-0.650 χ^2/NDF :341.6/12

Out: -43.706+/-0.609 χ^2/NDF :357.5/14

All: -42.024+/-0.444 χ^2/NDF : 715.4/27

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304+/-1.138 χ^2/NDF : 1132.8/16

Left Out: -30.013+/-0.436 χ^2/NDF : 419.1/14

Right Out: -42.624+/-1.209 χ^2/NDF : 1344.4/18

Left In: -31.532+/-0.464 χ^2/NDF : 1160.1/12

Left: -30.725+/-0.317 χ^2/NDF : 1585.0/27

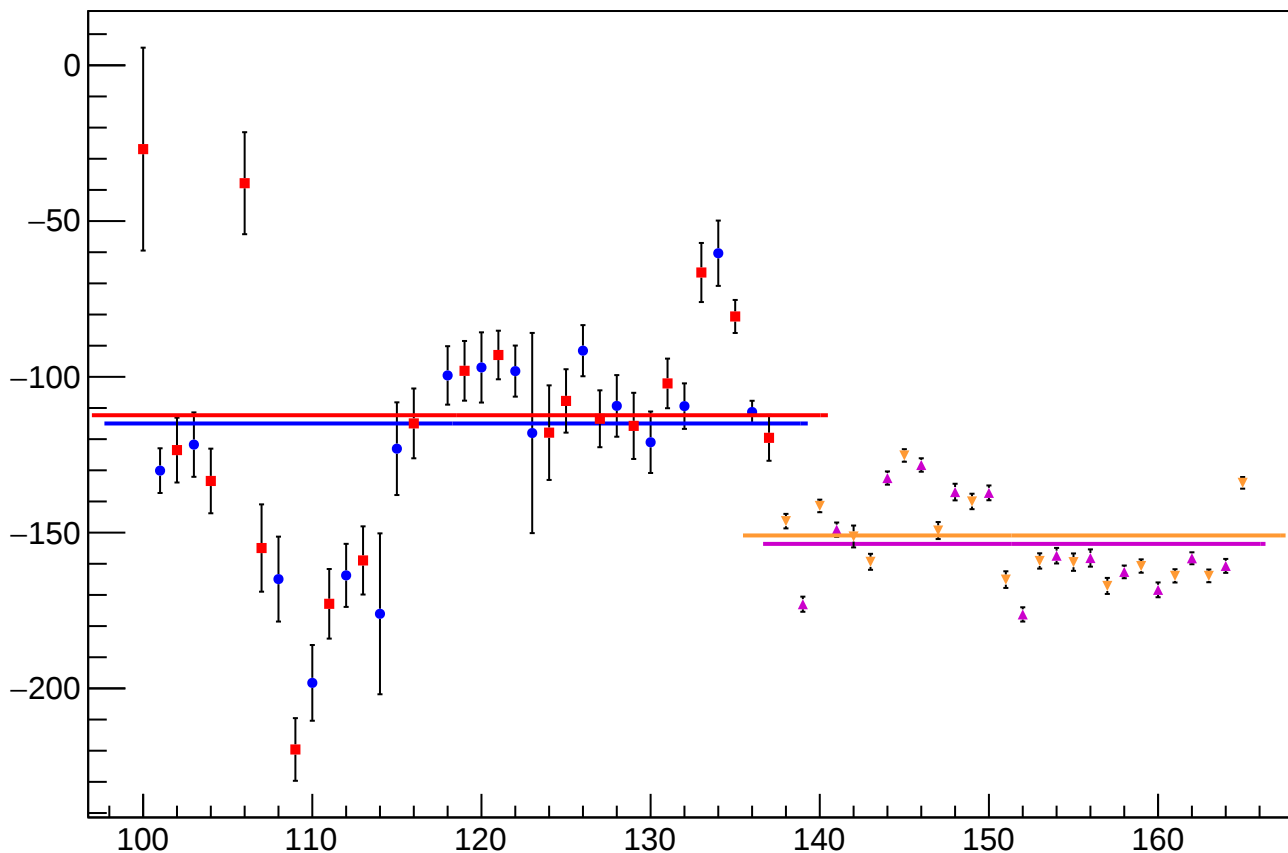
Right: -40.334+/-0.829 χ^2/NDF : 2483.9/35

In: -32.495+/-0.429 χ^2/NDF : 2323.2/29

Out: -31.463+/-0.410 χ^2/NDF : 1859.9/33

All: -31.955+/-0.296 χ^2/NDF : 4186.2/63

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -150.909 $\pm$ 0.603 χ^2 /NDF: 486.3/14

Right Out: -112.320 $\pm$ 2.205 χ^2 /NDF: 274.0/18

Left In: -153.616 $\pm$ 0.635 χ^2 /NDF: 566.4/12

Left: -152.193 $\pm$ 0.437 χ^2 /NDF: 1062.3/27

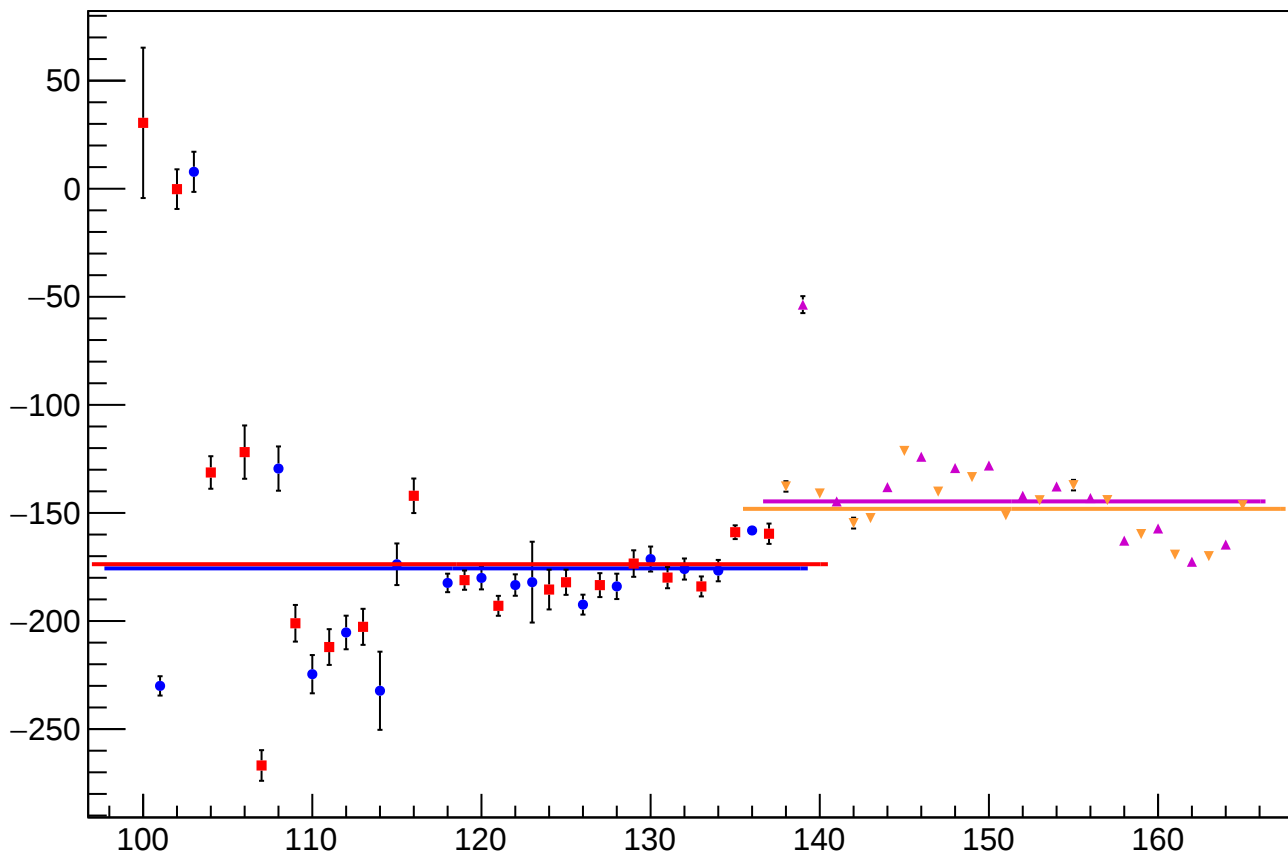
Right: -113.725 $\pm$ 1.511 χ^2 /NDF: 416.2/35

In: -150.306 $\pm$ 0.607 χ^2 /NDF: 1025.2/29

Out: -148.226 $\pm$ 0.582 χ^2 /NDF: 1045.2/33

All: -149.221 $\pm$ 0.420 χ^2 /NDF: 2076.5/63

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -148.109 ± 0.504 χ^2/NDF : 751.8/14

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -144.660 ± 0.536 χ^2/NDF : 1396.4/12

Left: -146.492 ± 0.367 χ^2/NDF : 2170.2/27

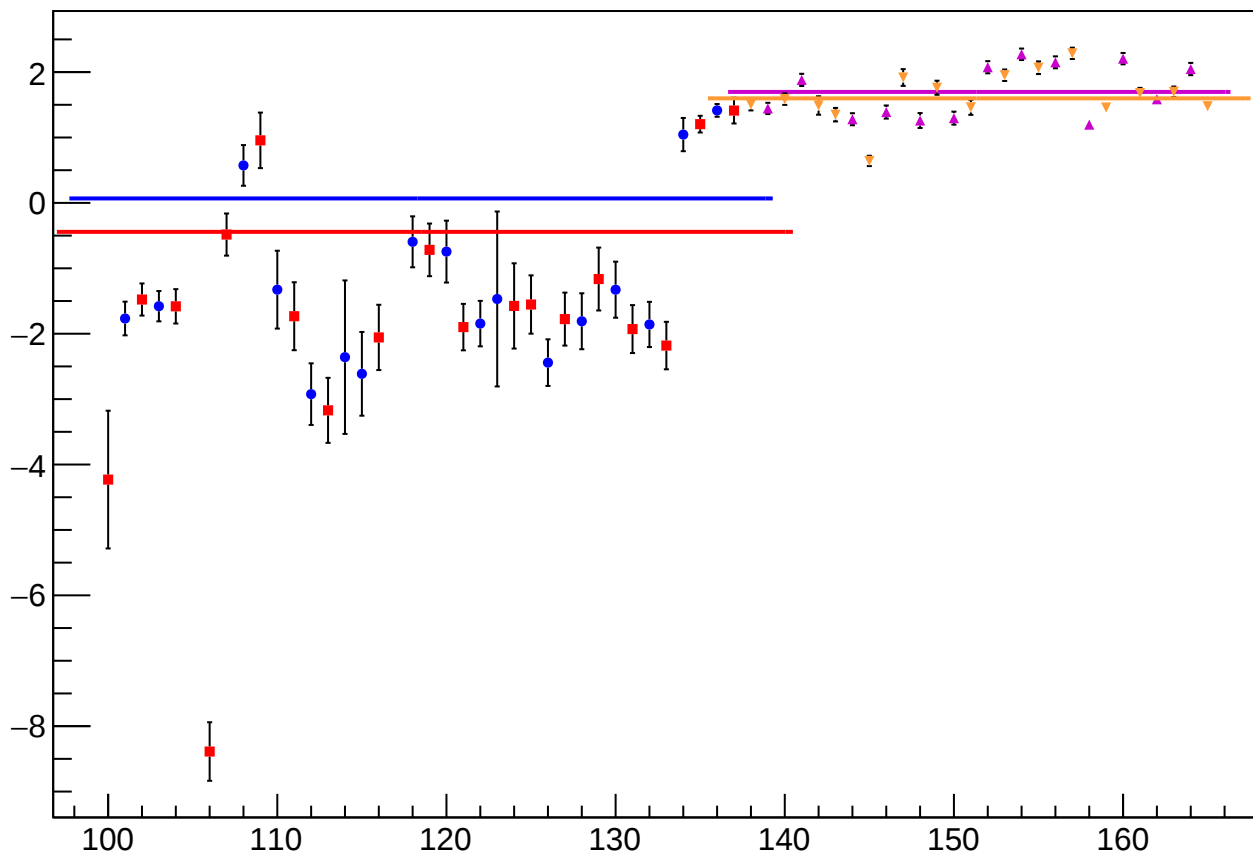
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -149.357 ± 0.494 χ^2/NDF : 2594.4/29

Out: -151.226 ± 0.472 χ^2/NDF : 1803.8/33

All: -150.333 ± 0.341 χ^2/NDF : 4405.7/63

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: 1.598 $\pm$ 0.024 χ^2/NDF :274.3/14

Right Out: -0.443 $\pm$ 0.071 χ^2/NDF : 755.9/18

Left In: 1.697 $\pm$ 0.025 χ^2/NDF :254.1/12

Left: 1.645 $\pm$ 0.017 χ^2/NDF : 536.7/27

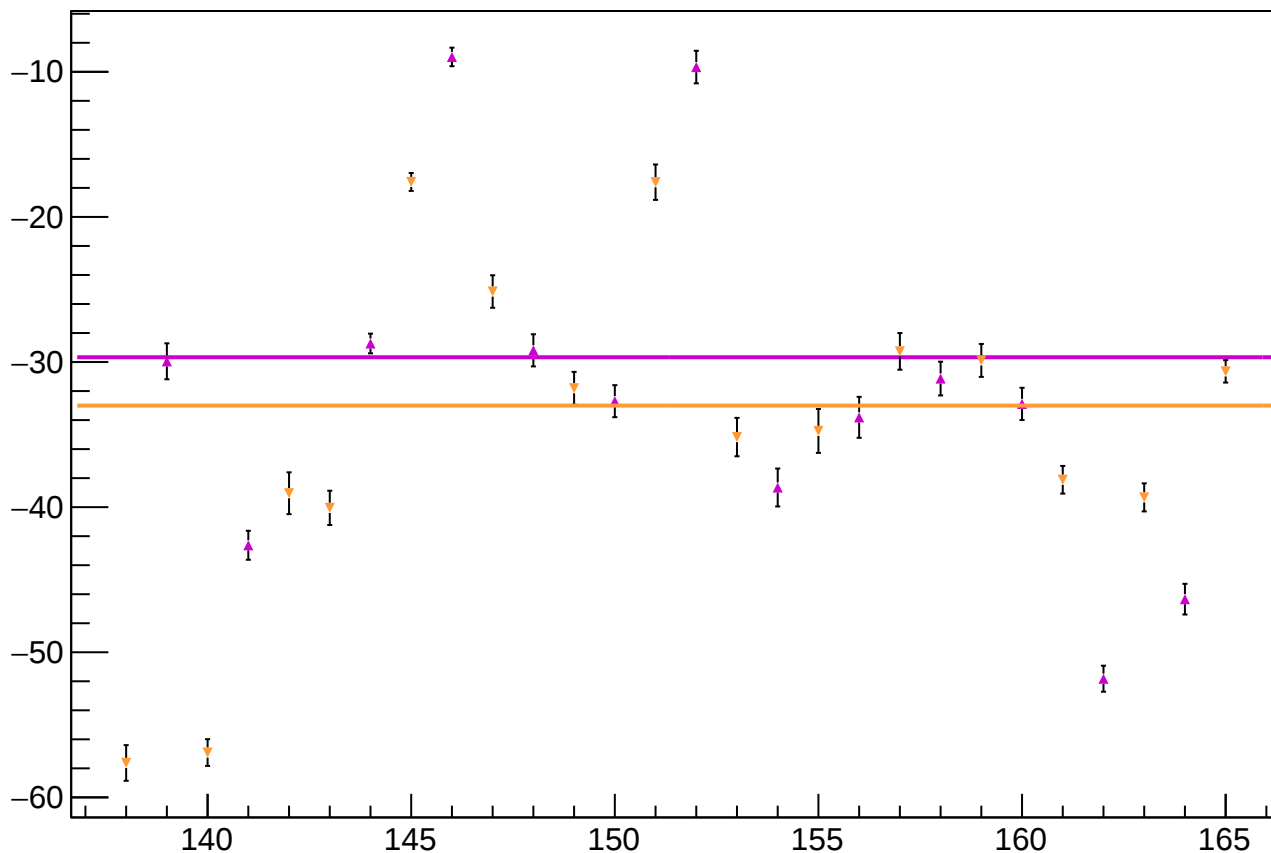
Right: -0.172 $\pm$ 0.049 χ^2/NDF : 1309.1/35

In: 1.500 $\pm$ 0.023 χ^2/NDF :1299.1/29

Out: 1.395 $\pm$ 0.022 χ^2/NDF :1772.6/33

All: 1.445 $\pm$ 0.016 χ^2/NDF : 3082.1/63

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.002+/-0.266 χ^2/NDF :2060.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.669+/-0.272 χ^2/NDF :2470.2/12

Left: -31.376+/-0.190 χ^2/NDF : 4607.2/27

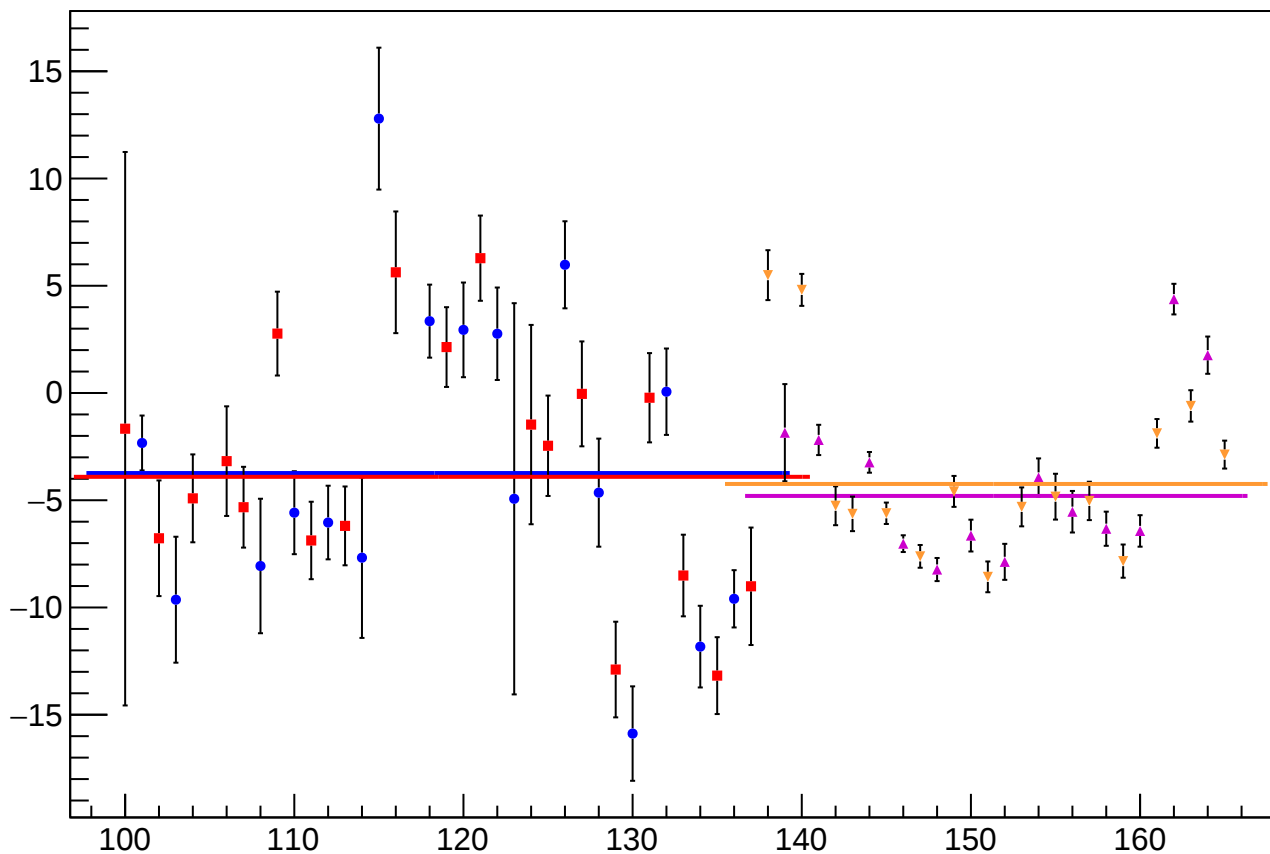
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.669+/-0.272 χ^2/NDF :2470.2/12

Out: -33.002+/-0.266 χ^2/NDF :2060.2/14

All: -31.376+/-0.190 χ^2/NDF : 4607.2/27

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: -4.241 ± 0.188 $\chi^2/\text{NDF}: 371.9/14$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -4.799 ± 0.186 $\chi^2/\text{NDF}: 351.1/12$

Left: -4.523 ± 0.132 $\chi^2/\text{NDF}: 727.5/27$

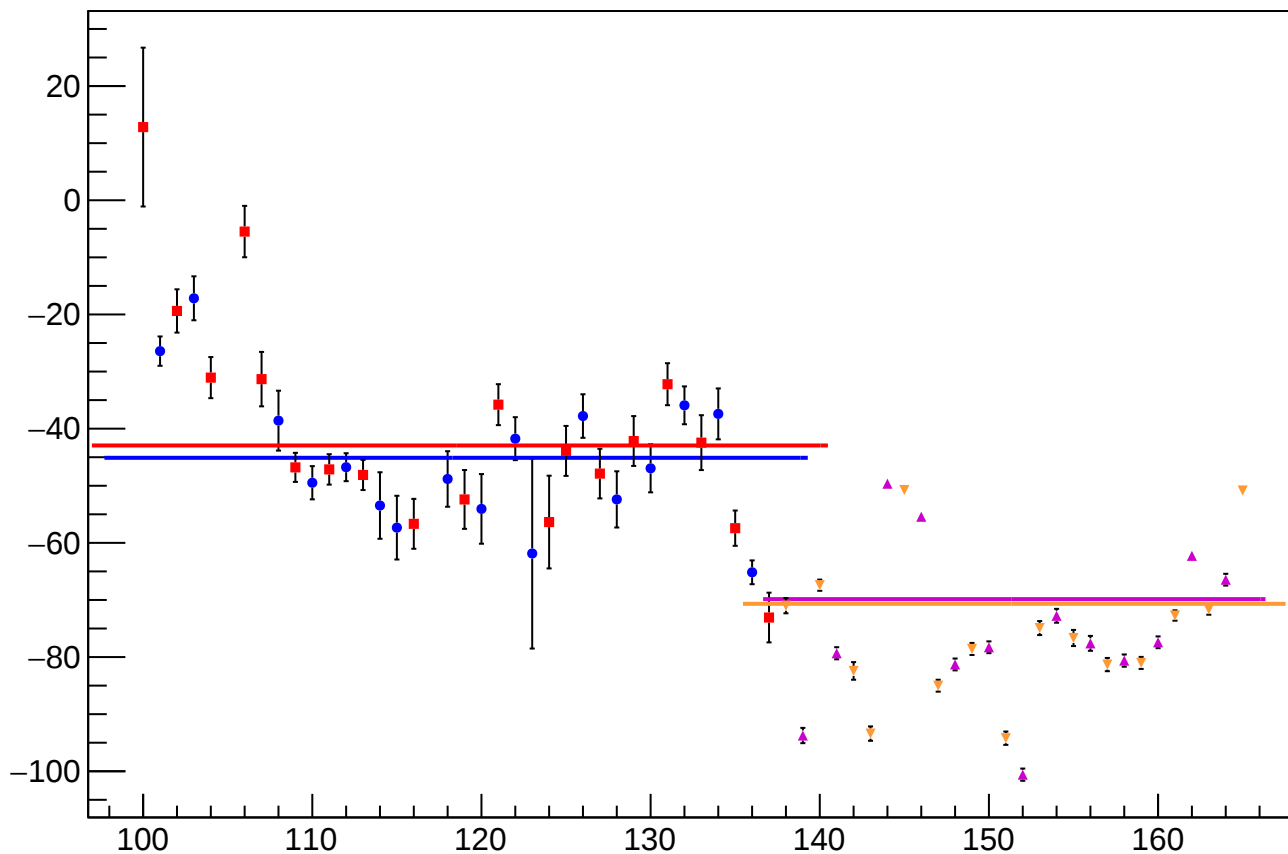
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -4.667 ± 0.174 $\chi^2/\text{NDF}: 521.0/29$

Out: -4.201 ± 0.177 $\chi^2/\text{NDF}: 497.1/33$

All: -4.437 ± 0.124 $\chi^2/\text{NDF}: 1021.6/63$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -70.677 ± 0.264 χ^2/NDF : 2852.5/14

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -69.854 ± 0.266 χ^2/NDF : 3018.2/12

Left: -70.269 ± 0.187 χ^2/NDF : 5875.5/27

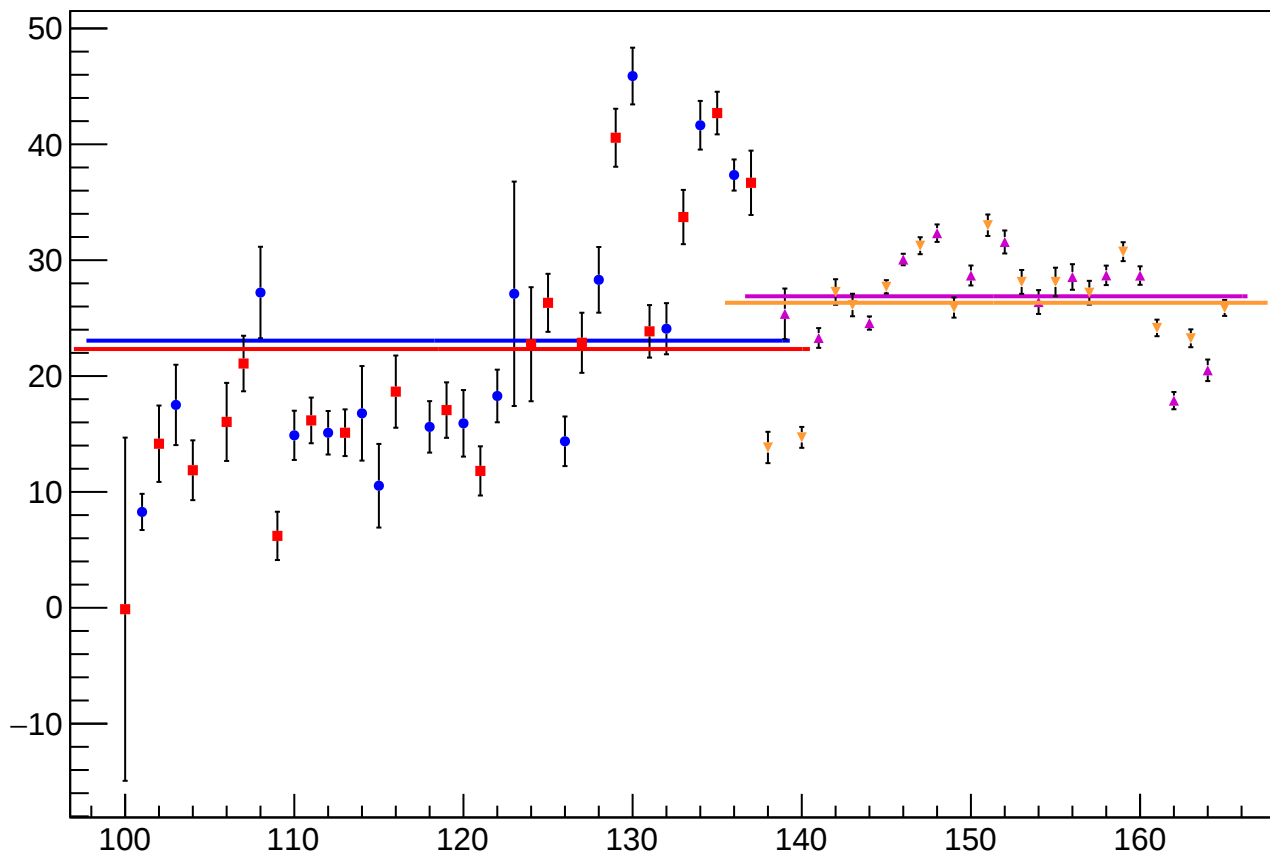
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -67.786 ± 0.255 χ^2/NDF : 3969.6/29

Out: -68.379 ± 0.253 χ^2/NDF : 4017.8/33

All: -68.085 ± 0.179 χ^2/NDF : 7990.1/63

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.324 $\pm$ 0.219 χ^2 /NDF: 415.3/14

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 26.884 $\pm$ 0.221 χ^2 /NDF: 360.5/12

Left: 26.602 $\pm$ 0.155 χ^2 /NDF: 779.1/27

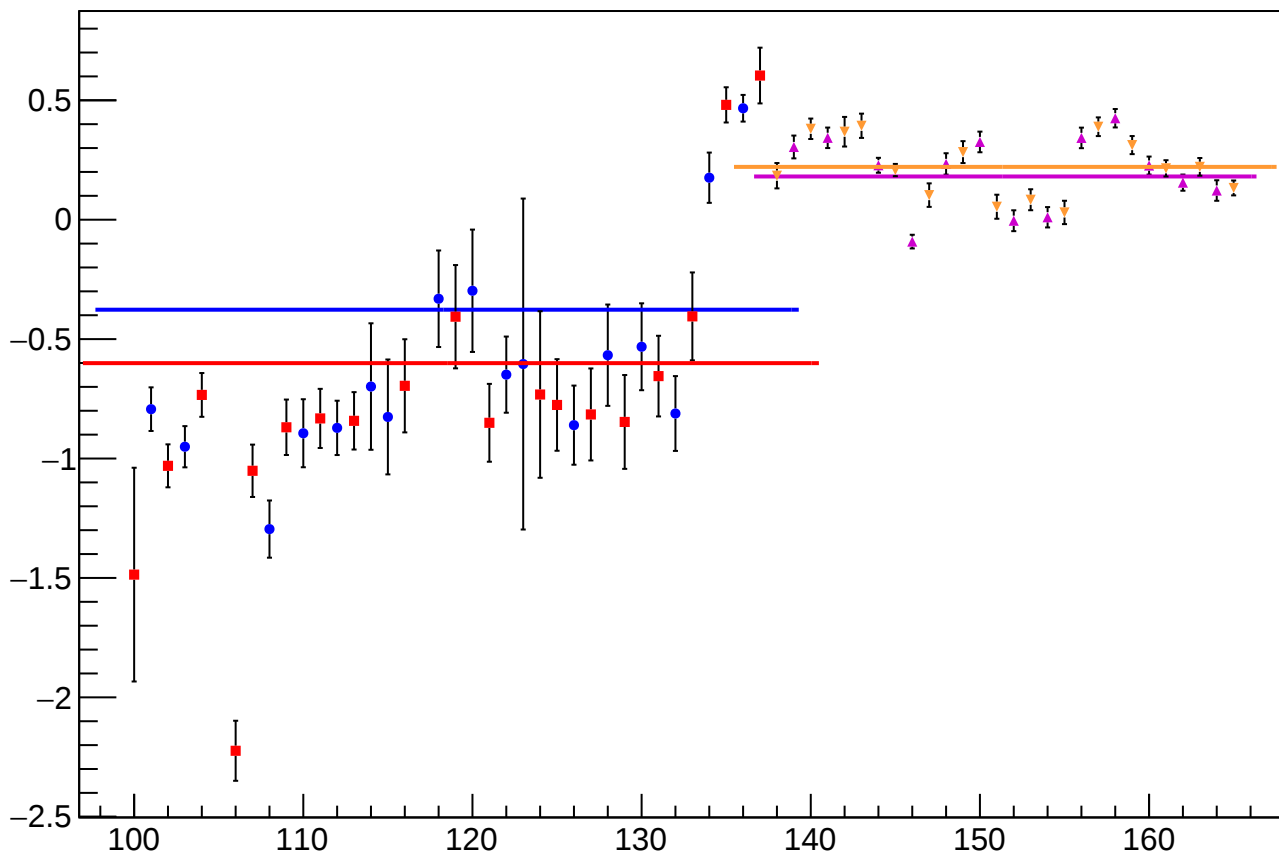
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 26.365 $\pm$ 0.205 χ^2 /NDF: 862.4/29

Out: 25.813 $\pm$ 0.205 χ^2 /NDF: 828.9/33

All: 26.088 $\pm$ 0.145 χ^2 /NDF: 1694.9/63

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.221 ± 0.010 $\chi^2/\text{NDF}: 107.7/14$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.181 ± 0.011 $\chi^2/\text{NDF}: 218.3/12$

Left: 0.202 ± 0.007 $\chi^2/\text{NDF}: 333.2/27$

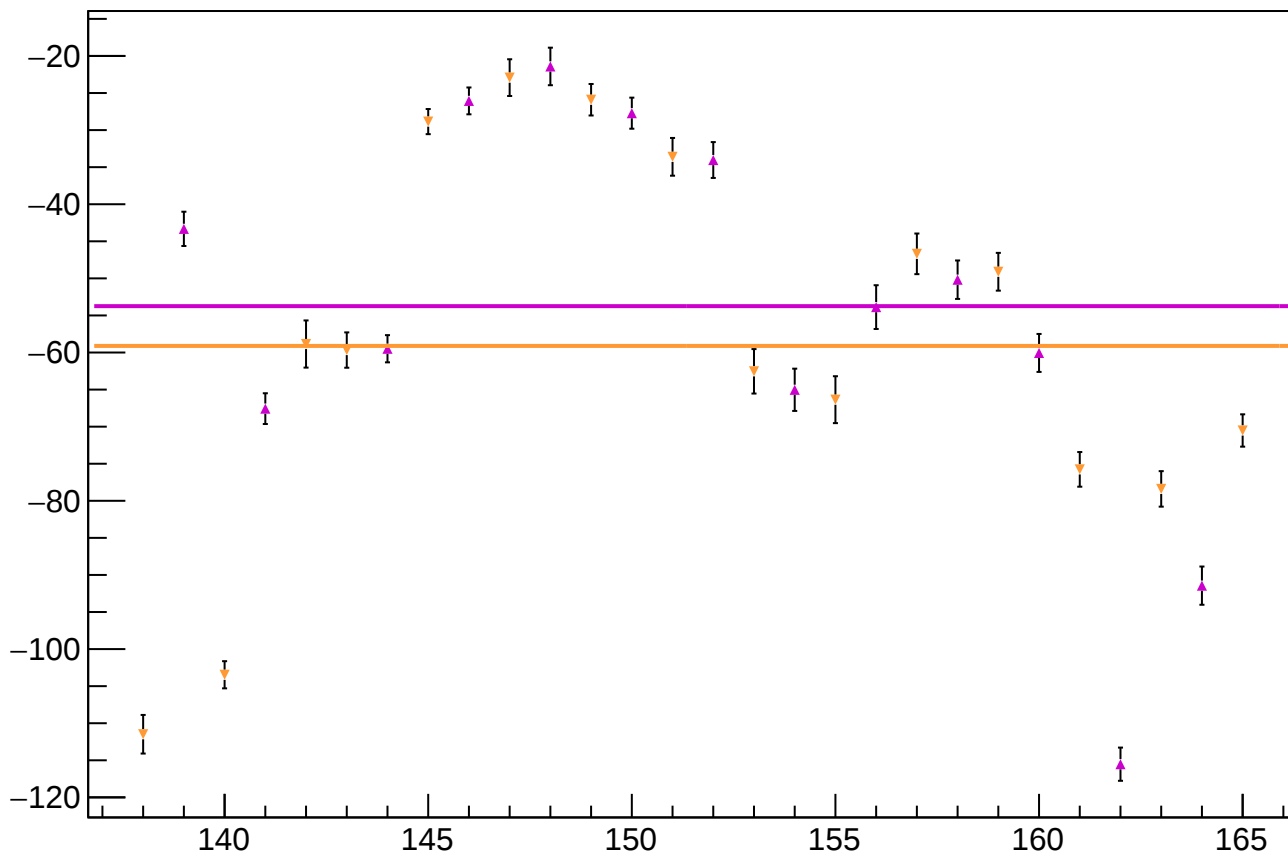
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.118 ± 0.010 $\chi^2/\text{NDF}: 960.4/29$

Out: 0.134 ± 0.010 $\chi^2/\text{NDF}: 1325.8/33$

All: 0.126 ± 0.007 $\chi^2/\text{NDF}: 2287.5/63$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.110+/-0.612 χ^2/NDF :2052.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.745+/-0.637 χ^2/NDF :1690.5/12

Left: -56.536+/-0.441 χ^2/NDF : 3779.7/27

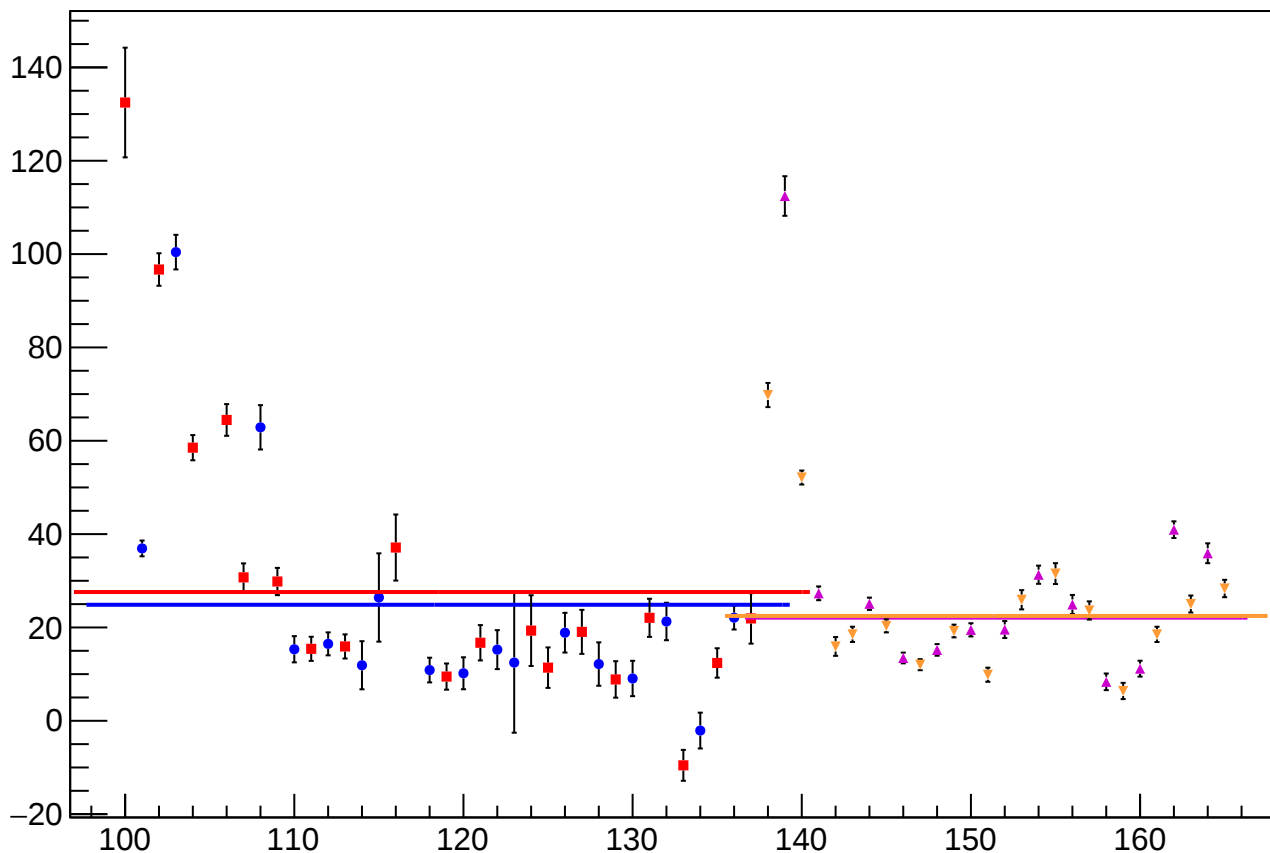
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.745+/-0.637 χ^2/NDF :1690.5/12

Out: -59.110+/-0.612 χ^2/NDF :2052.4/14

All: -56.536+/-0.441 χ^2/NDF : 3779.7/27

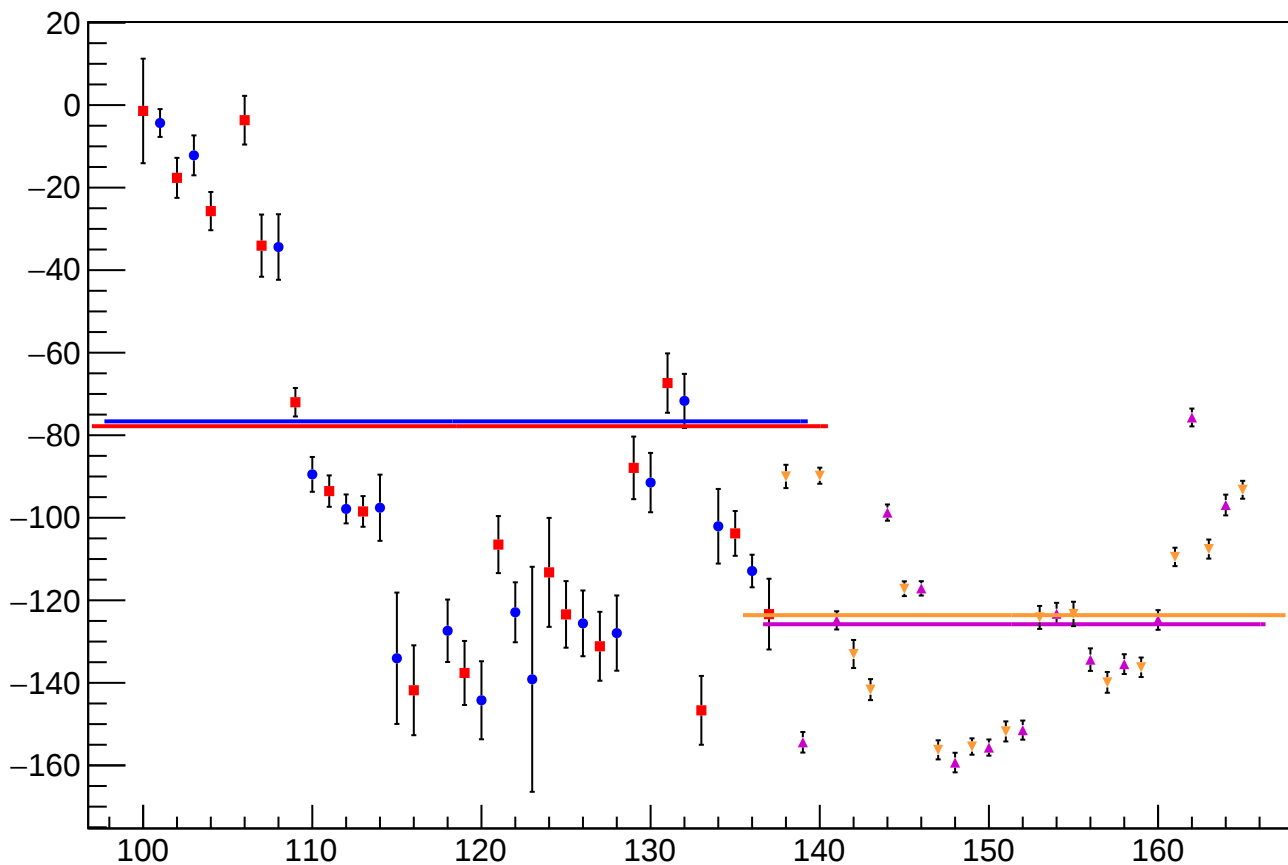
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2/NDF : 691.0/16
 Left Out: 22.471 $\pm$ 0.430 χ^2/NDF :1018.4/14
 Right Out: 27.593 $\pm$ 0.810 χ^2/NDF : 1010.9/18
 Left In: 22.103 $\pm$ 0.447 χ^2/NDF :842.0/12

Left: 22.294 $\pm$ 0.310 χ^2/NDF : 1860.7/27
 Right: 26.215 $\pm$ 0.570 χ^2/NDF : 1707.7/35
 In: 22.758 $\pm$ 0.391 χ^2/NDF :1542.0/29
 Out: 23.598 $\pm$ 0.380 χ^2/NDF :2060.5/33
 All: 23.190 $\pm$ 0.272 χ^2/NDF : 3605.0/63

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: -123.603 ± 0.605 $\chi^2/\text{NDF}: 1457.0/14$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -125.800 ± 0.623 $\chi^2/\text{NDF}: 1599.6/12$

Left: -124.670 ± 0.434 $\chi^2/\text{NDF}: 3063.0/27$

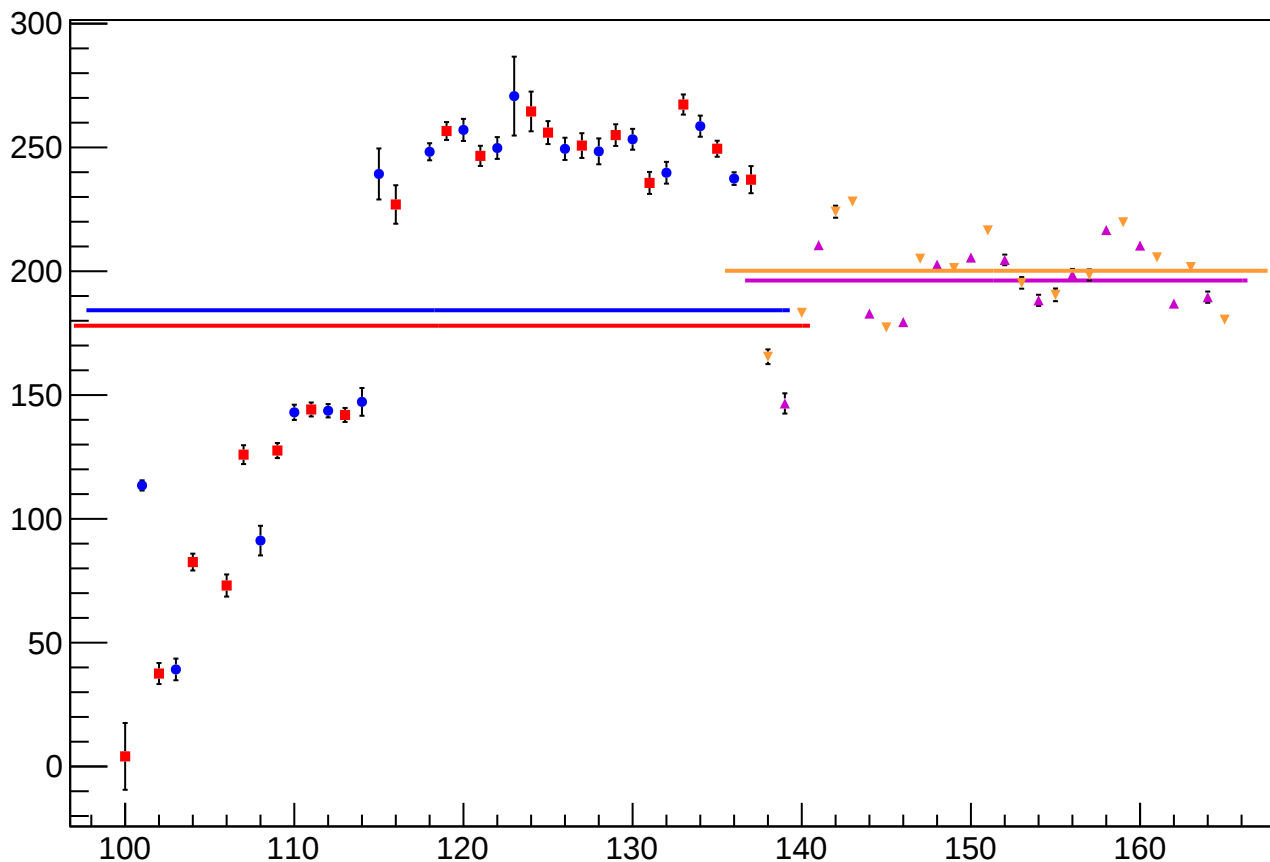
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -117.825 ± 0.570 $\chi^2/\text{NDF}: 3651.8/29$

Out: -115.963 ± 0.552 $\chi^2/\text{NDF}: 3285.7/33$

All: -116.865 ± 0.397 $\chi^2/\text{NDF}: 6943.0/63$

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: 200.201 $\pm$ 0.504 χ^2 /NDF:1049.8/14

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 196.263 $\pm$ 0.524 χ^2 /NDF:707.5/12

Left: 198.308 $\pm$ 0.363 χ^2 /NDF: 1786.6/27

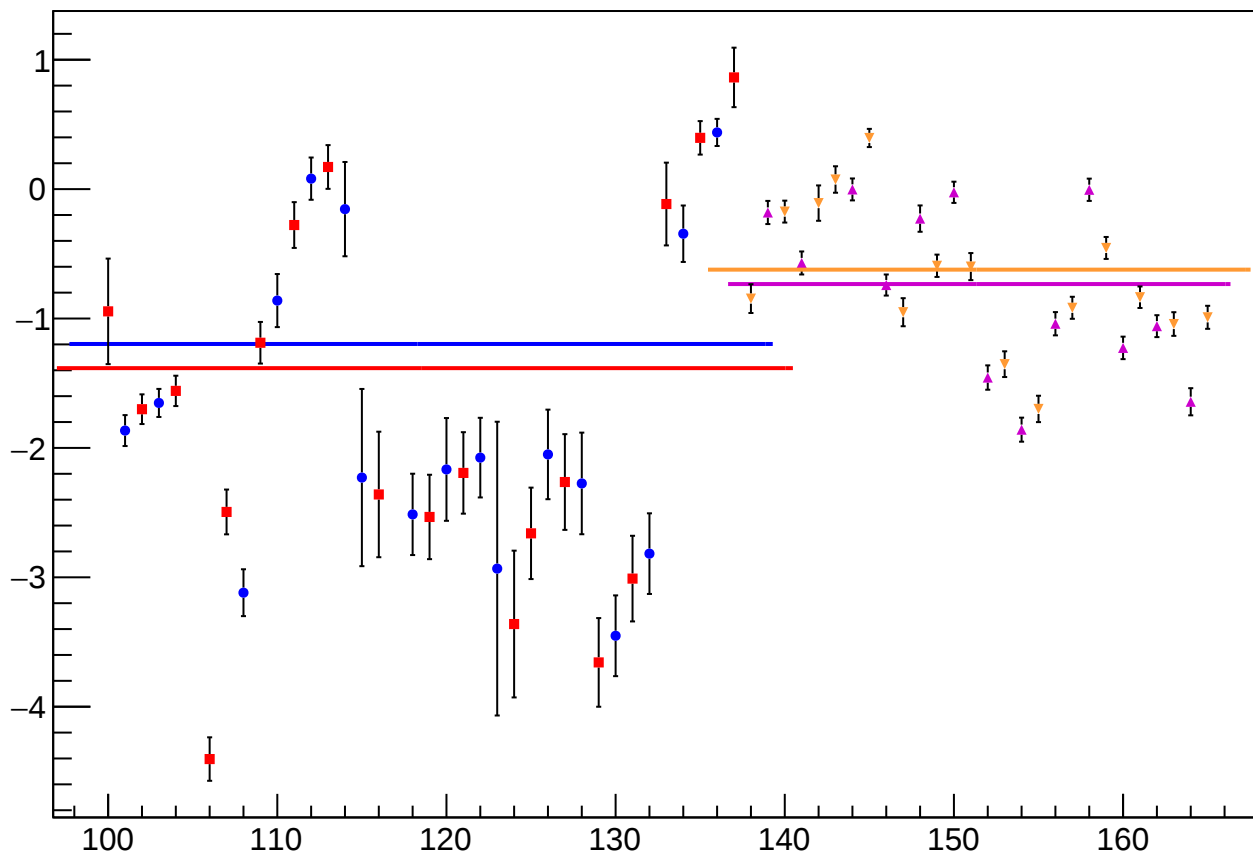
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 193.297 $\pm$ 0.455 χ^2 /NDF:6225.9/29

Out: 195.108 $\pm$ 0.442 χ^2 /NDF:7833.0/33

All: 194.227 $\pm$ 0.317 χ^2 /NDF: 14067.0/63

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.622 ± 0.024 χ^2/NDF : 537.6/14

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.734 ± 0.025 χ^2/NDF : 626.7/12

Left: -0.676 ± 0.017 χ^2/NDF : 1174.8/27

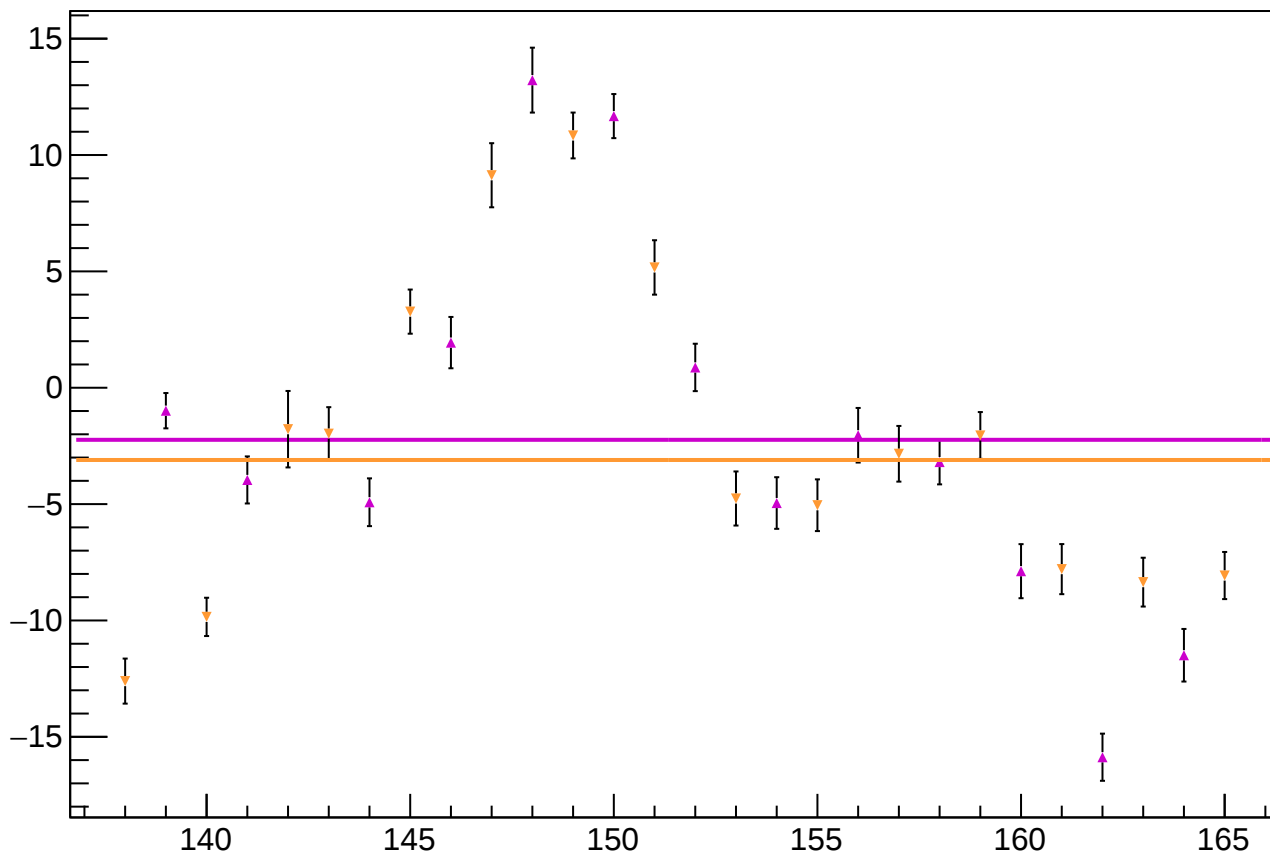
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.830 ± 0.022 χ^2/NDF : 1321.4/29

Out: -0.786 ± 0.021 χ^2/NDF : 1678.2/33

All: -0.807 ± 0.015 χ^2/NDF : 3001.8/63

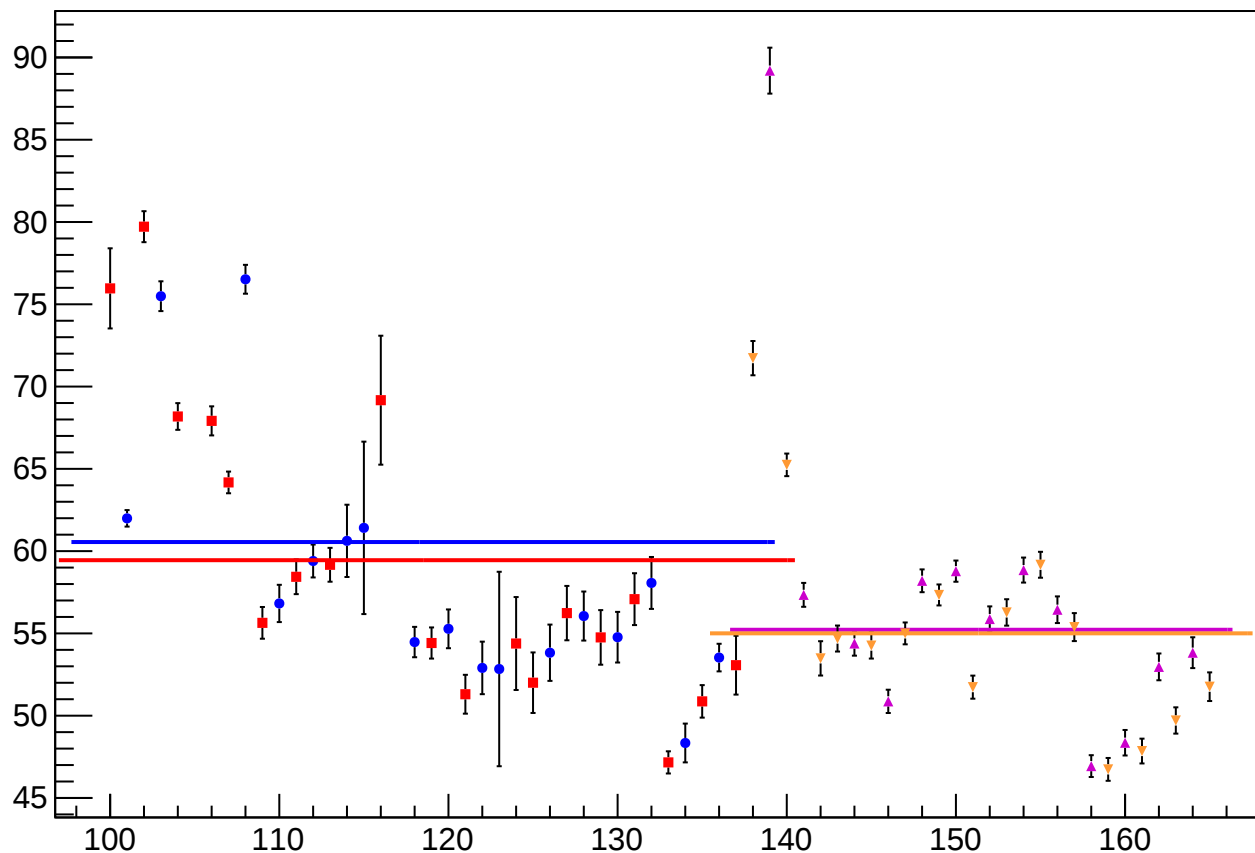
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.104+/-0.277 χ^2/NDF : 614.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.237+/-0.286 χ^2/NDF : 653.5/12

Left: -2.686+/-0.199 χ^2/NDF : 1272.6/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.237+/-0.286 χ^2/NDF : 653.5/12
 Out: -3.104+/-0.277 χ^2/NDF : 614.3/14
 All: -2.686+/-0.199 χ^2/NDF : 1272.6/27

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: 55.004 ± 0.199 $\chi^2/\text{NDF}: 839.4/14$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 55.221 ± 0.212 $\chi^2/\text{NDF}: 959.2/12$

Left: 55.106 ± 0.145 $\chi^2/\text{NDF}: 1799.2/27$

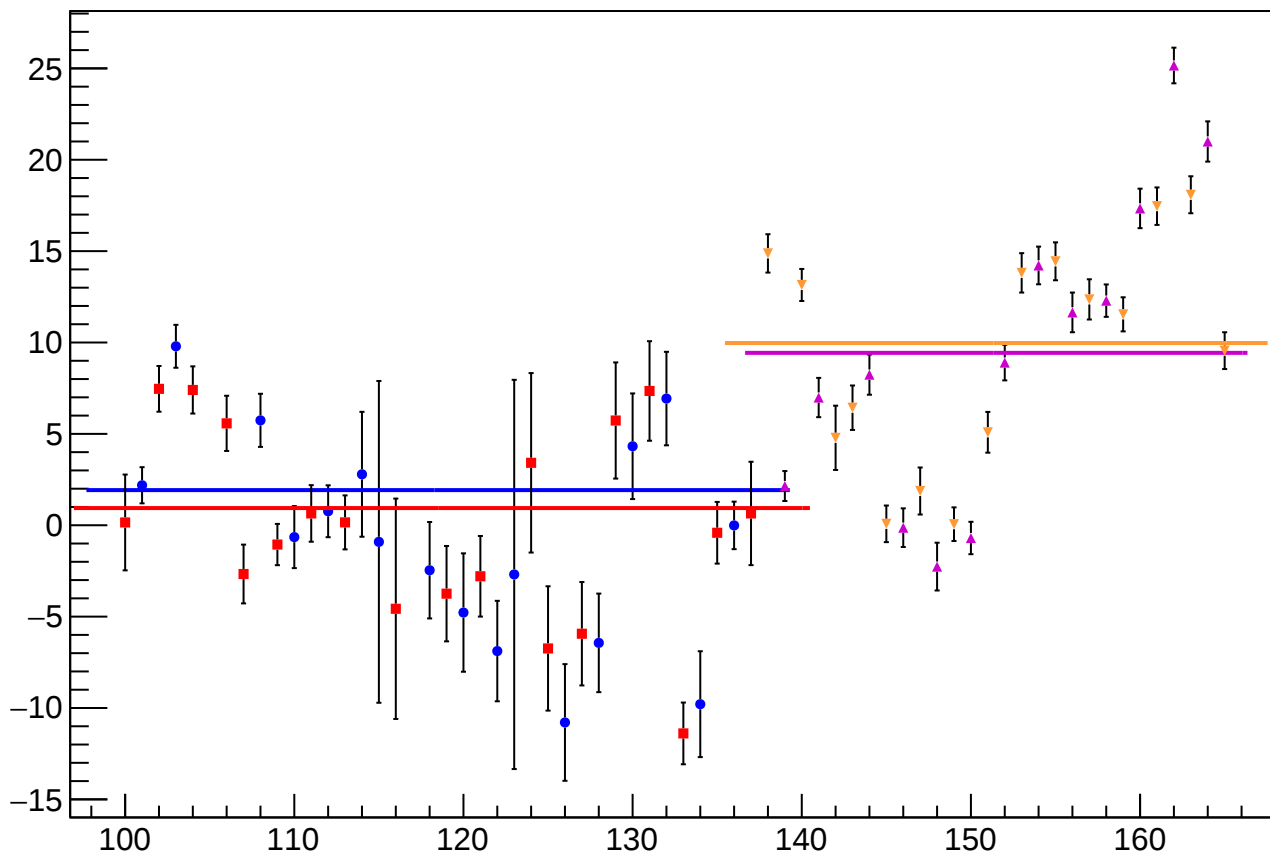
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 57.332 ± 0.165 $\chi^2/\text{NDF}: 2140.7/29$

Out: 56.750 ± 0.155 $\chi^2/\text{NDF}: 2356.4/33$

All: 57.024 ± 0.113 $\chi^2/\text{NDF}: 4503.6/63$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 9.972 ± 0.272 $\chi^2/\text{NDF}: 481.1/14$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.434 ± 0.280 $\chi^2/\text{NDF}: 838.0/12$

Left: 9.710 ± 0.195 $\chi^2/\text{NDF}: 1321.0/27$

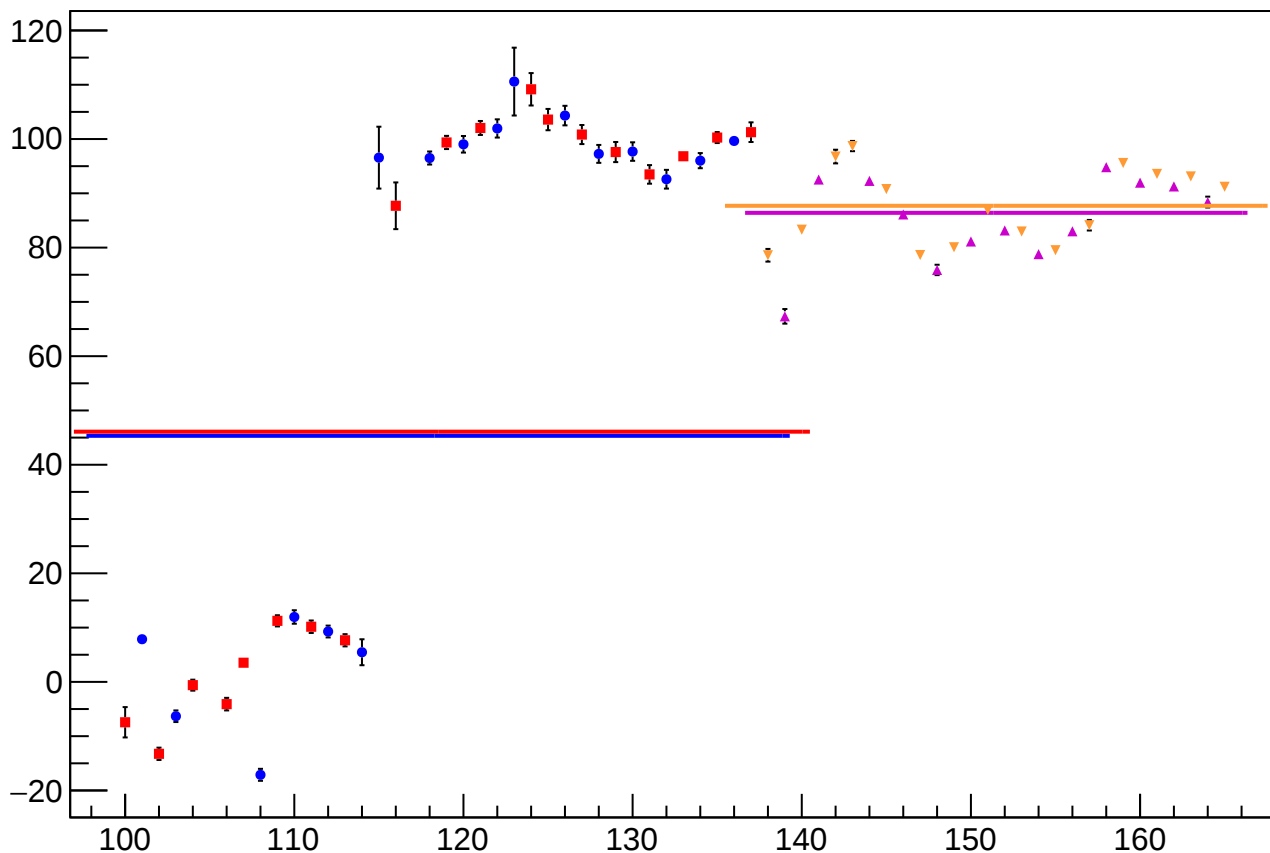
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.395 ± 0.239 $\chi^2/\text{NDF}: 1154.8/29$

Out: 7.333 ± 0.229 $\chi^2/\text{NDF}: 952.3/33$

All: 7.363 ± 0.165 $\chi^2/\text{NDF}: 2107.2/63$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.703 $\pm$ 0.230 χ^2 /NDF: 837.3/14

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.404 $\pm$ 0.243 χ^2 /NDF: 794.4/12

Left: 87.089 $\pm$ 0.167 χ^2 /NDF: 1646.8/27

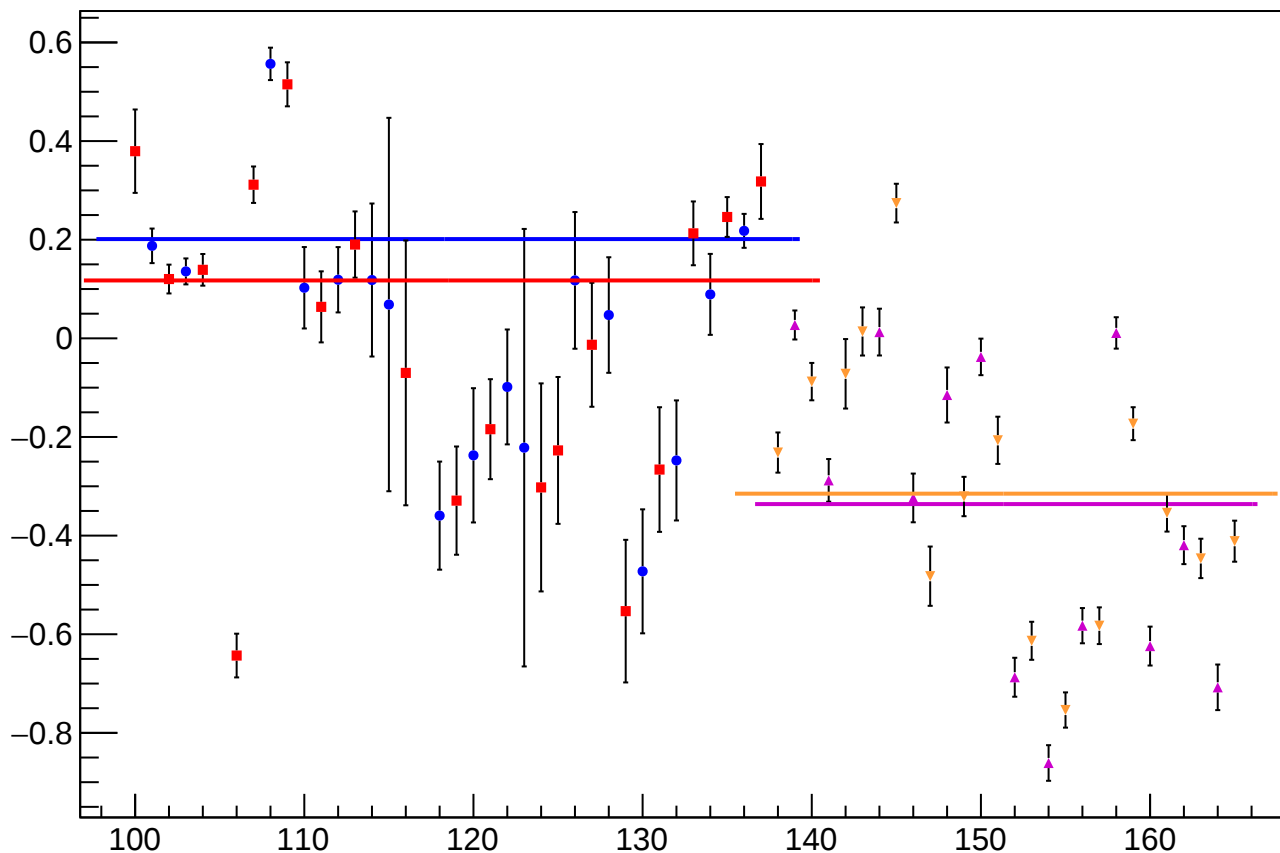
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 70.378 $\pm$ 0.190 χ^2 /NDF: 36962.8/29

Out: 71.567 $\pm$ 0.180 χ^2 /NDF: 41777.5/33

All: 71.003 $\pm$ 0.131 χ^2 /NDF: 78760.9/63

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.315 ± 0.011 χ^2/NDF : 633.4/14

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.336 ± 0.011 χ^2/NDF : 867.8/12

Left: -0.325 ± 0.008 χ^2/NDF : 1503.1/27

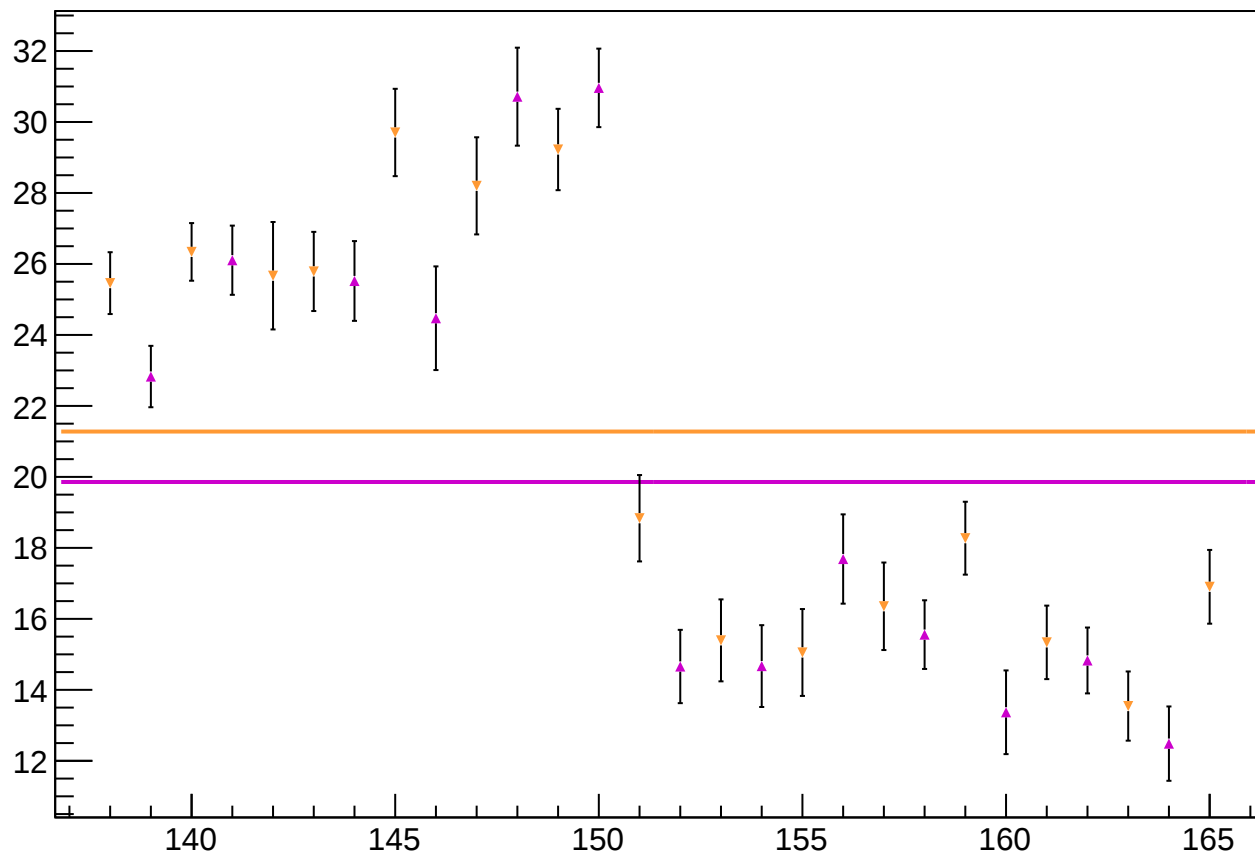
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.136 ± 0.009 χ^2/NDF : 2004.6/29

Out: -0.142 ± 0.008 χ^2/NDF : 1795.7/33

All: -0.139 ± 0.006 χ^2/NDF : 3800.6/63

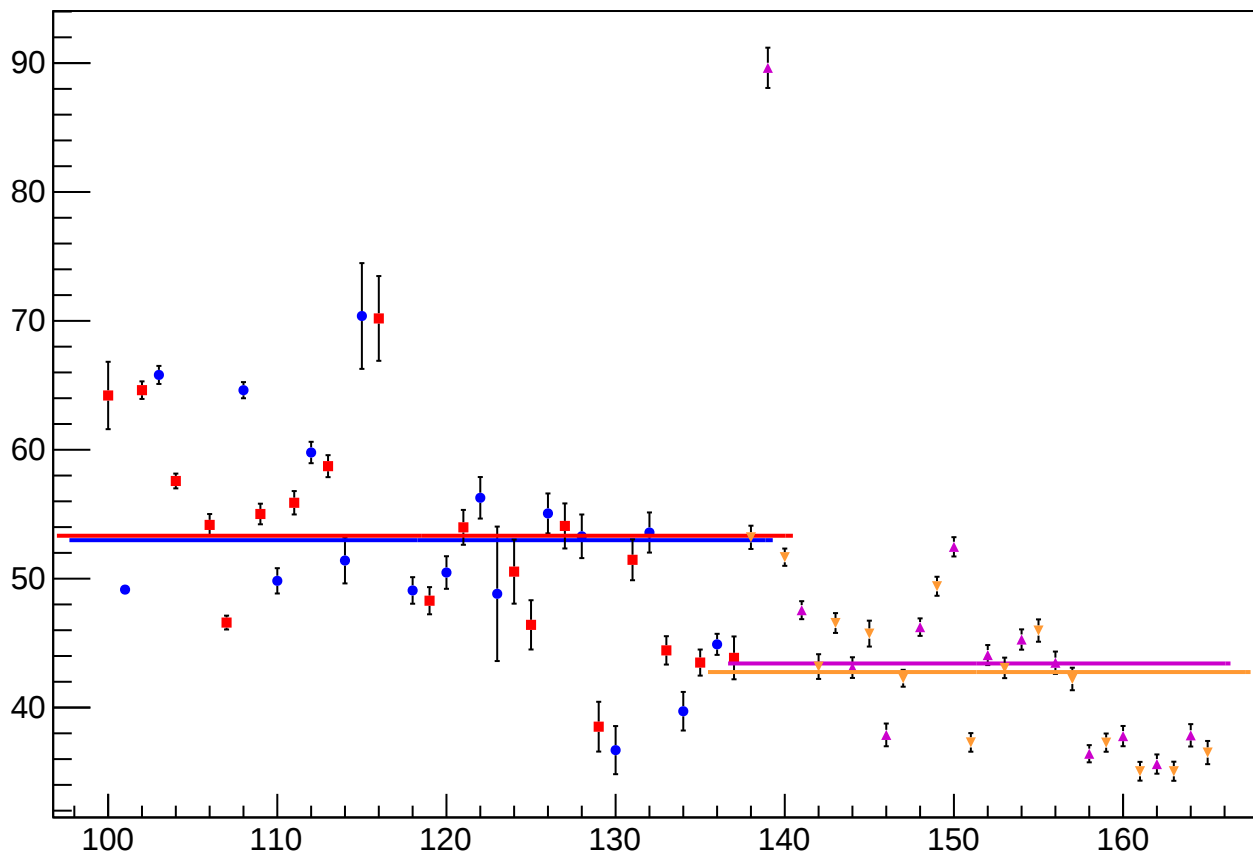
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.278+/-0.281 χ^2/NDF : 401.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.856+/-0.299 χ^2/NDF : 428.4/12

Left: 20.611+/-0.205 χ^2/NDF : 841.6/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.856+/-0.299 χ^2/NDF : 428.4/12
 Out: 21.278+/-0.281 χ^2/NDF : 401.2/14
 All: 20.611+/-0.205 χ^2/NDF : 841.6/27

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985+/-0.210 χ^2/NDF : 1197.9/16

Left Out: 42.754+/-0.202 χ^2/NDF : 825.5/14

Right Out: 53.330+/-0.227 χ^2/NDF : 873.8/18

Left In: 43.420+/-0.219 χ^2/NDF : 1430.4/12

Left: 43.061+/-0.149 χ^2/NDF : 2260.9/27

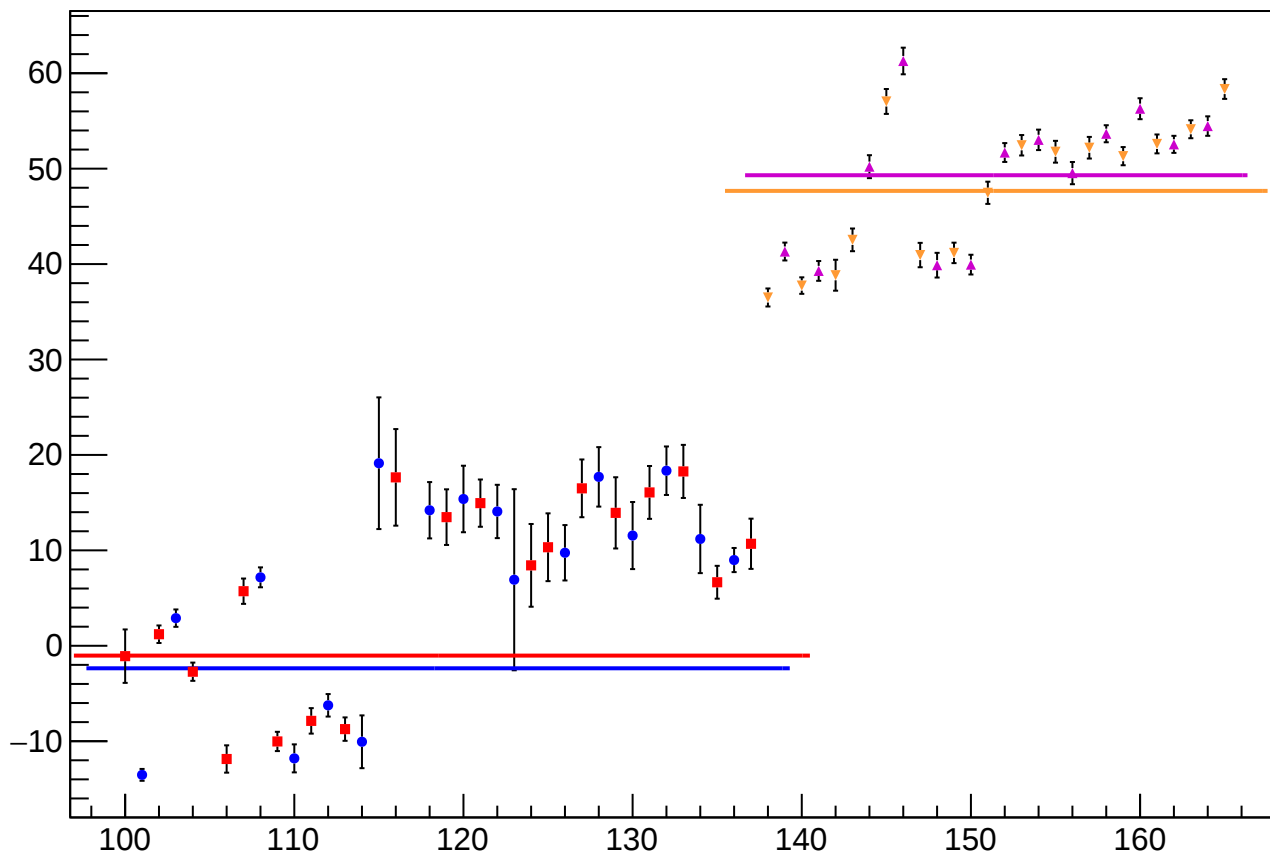
Right: 53.145+/-0.154 χ^2/NDF : 2073.0/35

In: 48.397+/-0.152 χ^2/NDF : 3620.6/29

Out: 47.443+/-0.151 χ^2/NDF : 2912.7/33

All: 47.917+/-0.107 χ^2/NDF : 6553.1/63

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 47.669 ± 0.278 $\chi^2/\text{NDF}: 677.8/14$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 49.310 ± 0.292 $\chi^2/\text{NDF}: 496.2/12$

Left: 48.449 ± 0.201 $\chi^2/\text{NDF}: 1190.6/27$

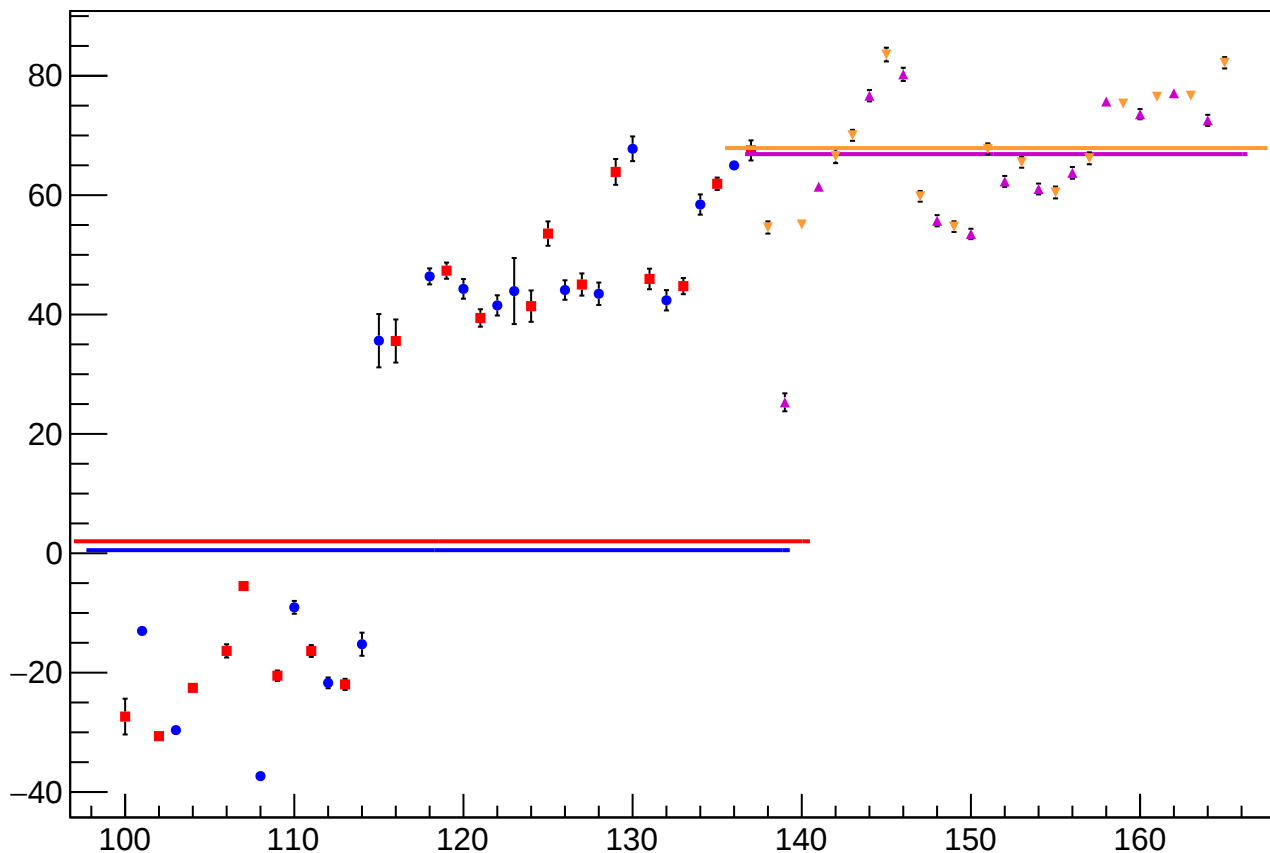
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 29.097 ± 0.228 $\chi^2/\text{NDF}: 13592.6/29$

Out: 30.521 ± 0.224 $\chi^2/\text{NDF}: 12007.7/33$

All: 29.822 ± 0.160 $\chi^2/\text{NDF}: 25620.1/63$

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: 67.892 ± 0.234 $\chi^2/\text{NDF}: 1552.1/14$

Right Out: 2.013 ± 0.266 $\chi^2/\text{NDF}: 15473.7/18$

Left In: 66.880 ± 0.251 $\chi^2/\text{NDF}: 1939.9/12$

Left: 67.422 ± 0.171 $\chi^2/\text{NDF}: 3500.7/27$

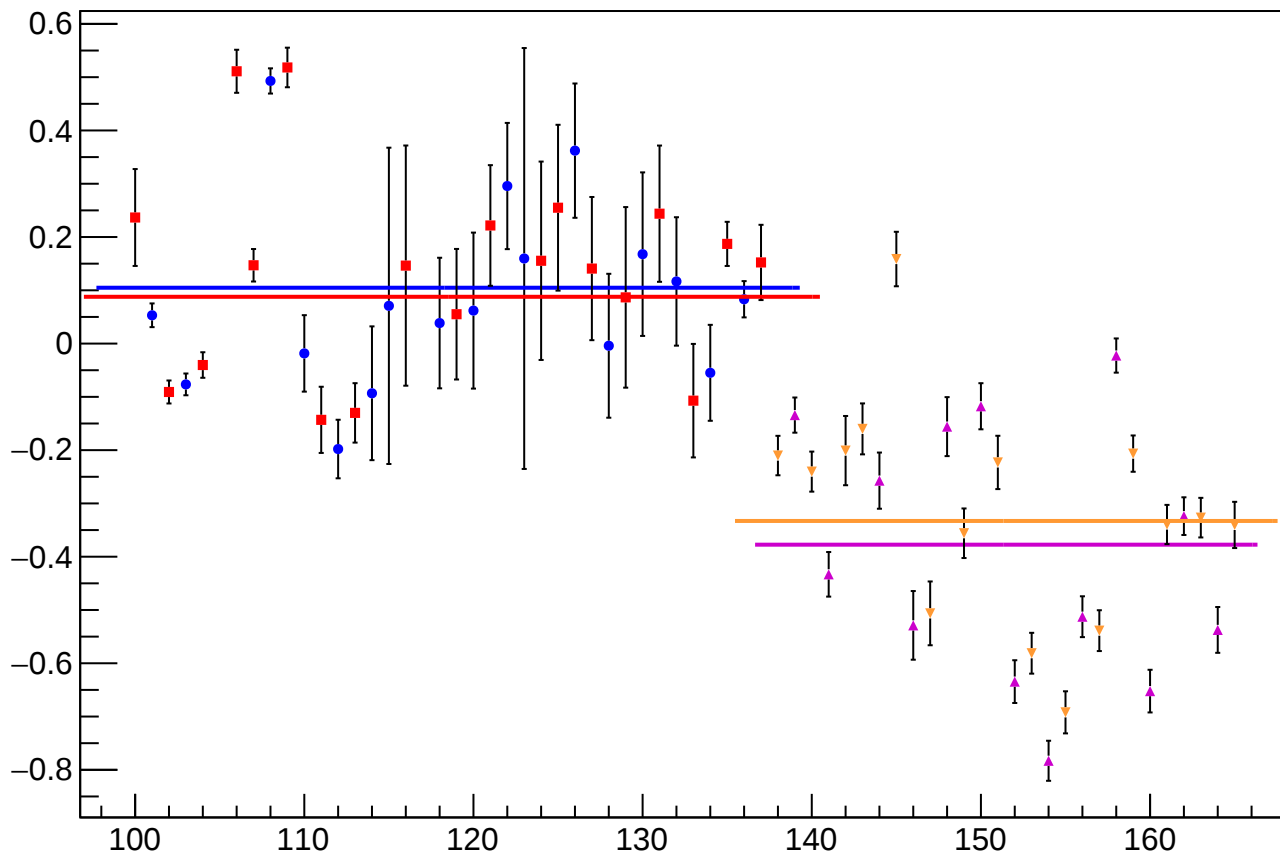
Right: 1.209 ± 0.181 $\chi^2/\text{NDF}: 33876.6/35$

In: 33.177 ± 0.176 $\chi^2/\text{NDF}: 55871.3/29$

Out: 39.210 ± 0.176 $\chi^2/\text{NDF}: 51569.2/33$

All: 36.197 ± 0.124 $\chi^2/\text{NDF}: 108029.0/63$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.333 ± 0.011 $\chi^2/\text{NDF}: 307.5/14$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.377 ± 0.011 $\chi^2/\text{NDF}: 474.3/12$

Left: -0.354 ± 0.008 $\chi^2/\text{NDF}: 790.0/27$

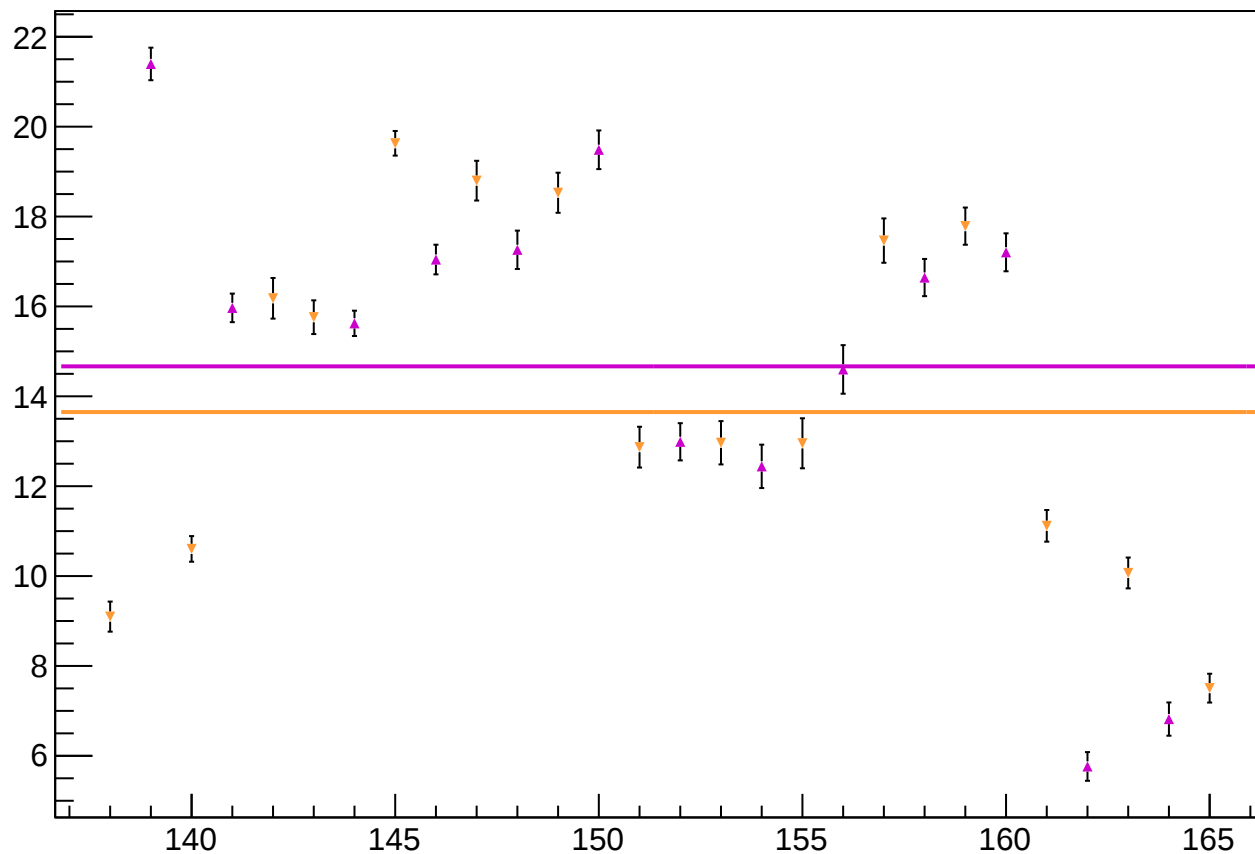
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.132 ± 0.008 $\chi^2/\text{NDF}: 1811.2/29$

Out: -0.125 ± 0.008 $\chi^2/\text{NDF}: 1439.9/33$

All: -0.128 ± 0.006 $\chi^2/\text{NDF}: 3251.4/63$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.650+/-0.097 χ^2/NDF :1787.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.666+/-0.104 χ^2/NDF :1910.9/12

Left: 14.125+/-0.071 χ^2/NDF : 3748.9/27

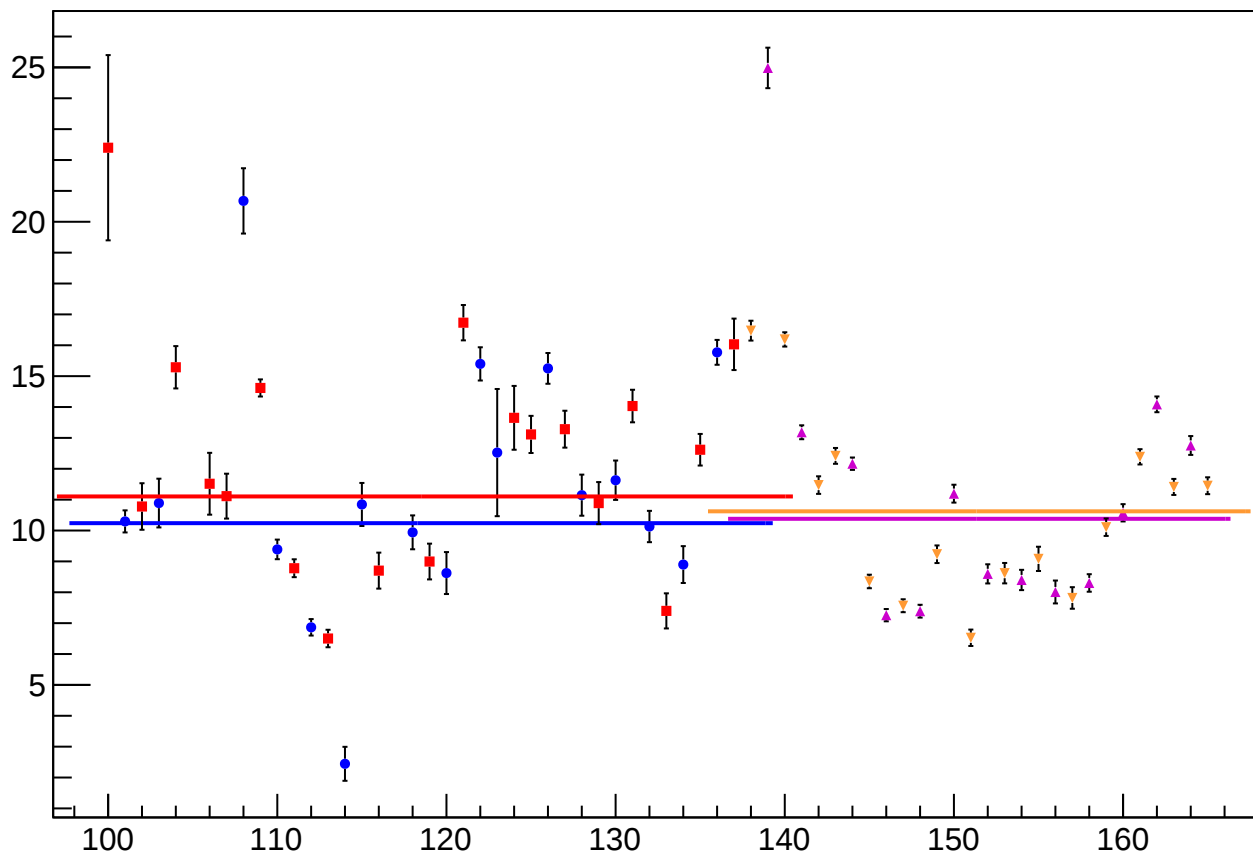
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.666+/-0.104 χ^2/NDF :1910.9/12

Out: 13.650+/-0.097 χ^2/NDF :1787.2/14

All: 14.125+/-0.071 χ^2/NDF : 3748.9/27

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.622 $\pm$ 0.070 χ^2 /NDF:1738.8/14

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 10.380 $\pm$ 0.073 χ^2 /NDF:1627.6/12

Left: 10.507 $\pm$ 0.050 χ^2 /NDF: 3372.1/27

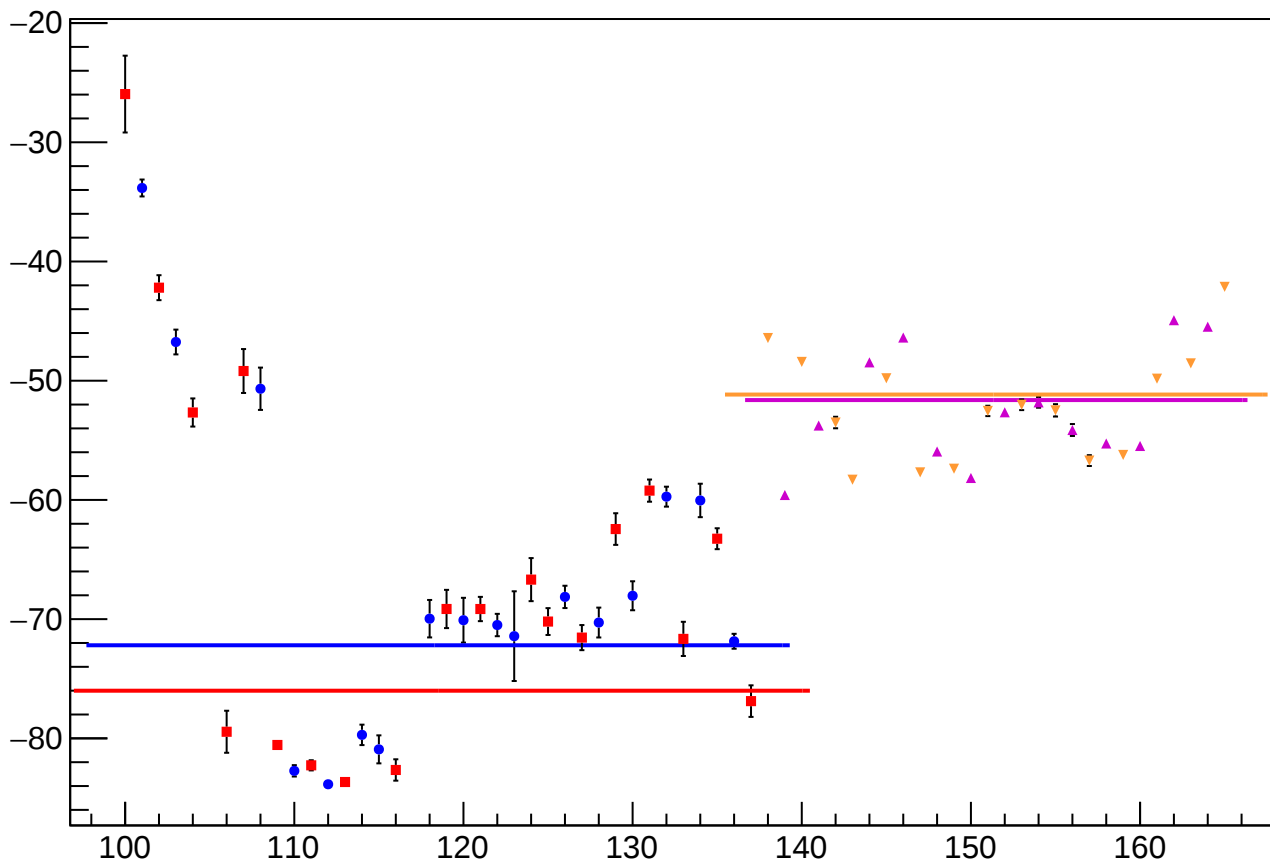
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 10.341 $\pm$ 0.063 χ^2 /NDF:2496.1/29

Out: 10.749 $\pm$ 0.060 χ^2 /NDF:2566.6/33

All: 10.554 $\pm$ 0.043 χ^2 /NDF: 5084.9/63

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -51.161 ± 0.097 $\chi^2/\text{NDF}: 2314.0/14$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -51.624 ± 0.102 $\chi^2/\text{NDF}: 2202.1/12$

Left: -51.381 ± 0.070 $\chi^2/\text{NDF}: 4526.9/27$

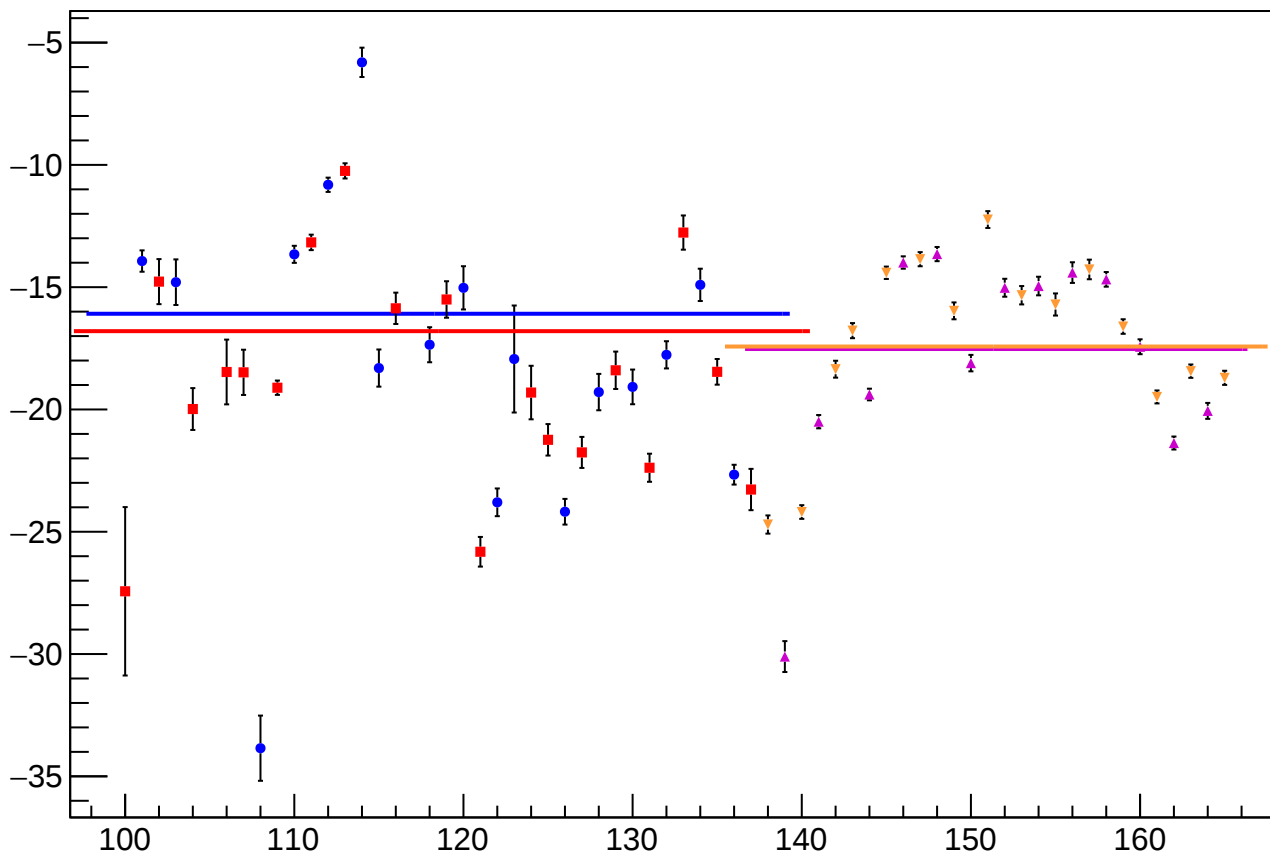
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -55.953 ± 0.091 $\chi^2/\text{NDF}: 16272.9/29$

Out: -56.732 ± 0.086 $\chi^2/\text{NDF}: 20400.9/33$

All: -56.366 ± 0.062 $\chi^2/\text{NDF}: 36712.6/63$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -17.427 ± 0.081 $\chi^2/\text{NDF}: 1726.3/14$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -17.528 ± 0.086 $\chi^2/\text{NDF}: 1460.9/12$

Left: -17.474 ± 0.059 $\chi^2/\text{NDF}: 3188.0/27$

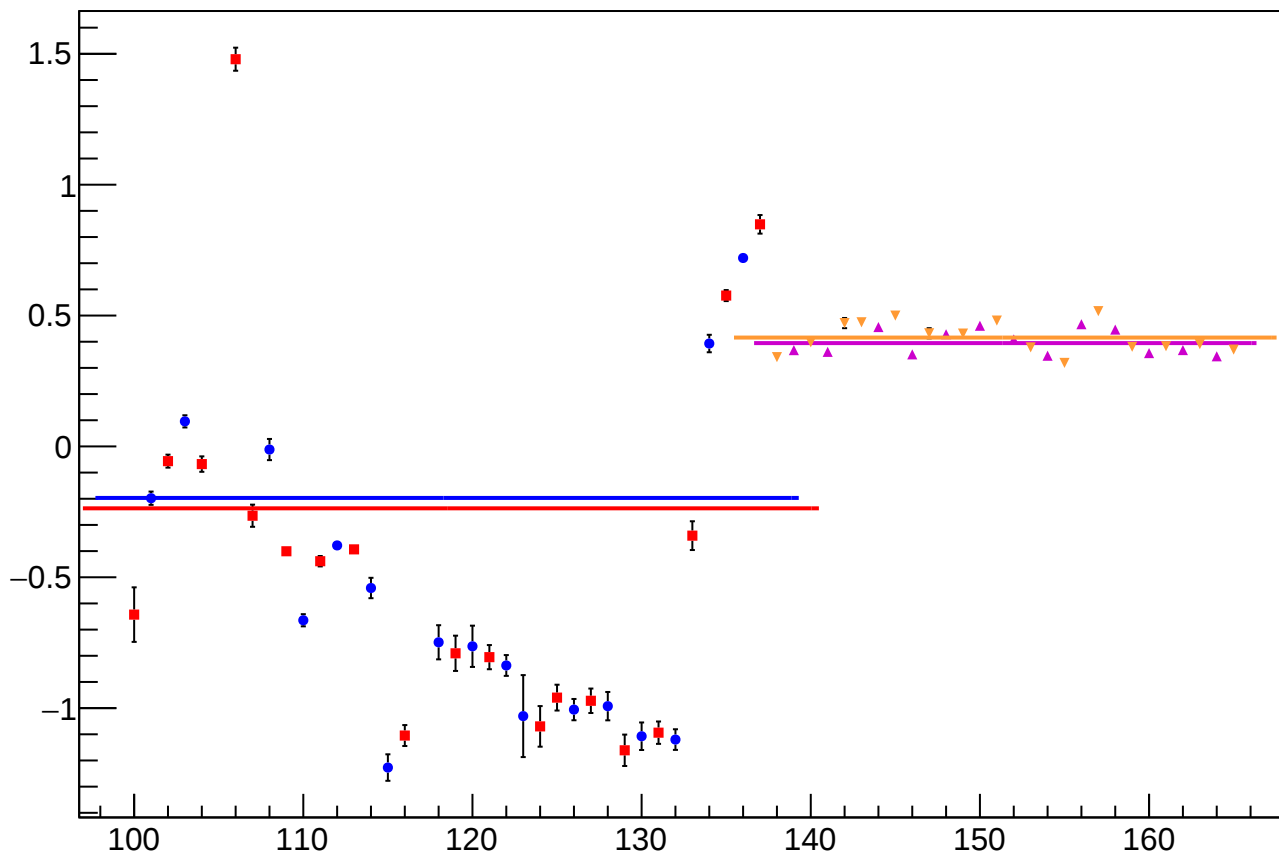
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -17.101 ± 0.072 $\chi^2/\text{NDF}: 3166.0/29$

Out: -17.247 ± 0.068 $\chi^2/\text{NDF}: 2957.5/33$

All: -17.178 ± 0.050 $\chi^2/\text{NDF}: 6125.6/63$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.416 ± 0.004 χ^2/NDF : 224.3/14

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.395 ± 0.004 χ^2/NDF : 126.1/12

Left: 0.406 ± 0.003 χ^2/NDF : 364.7/27

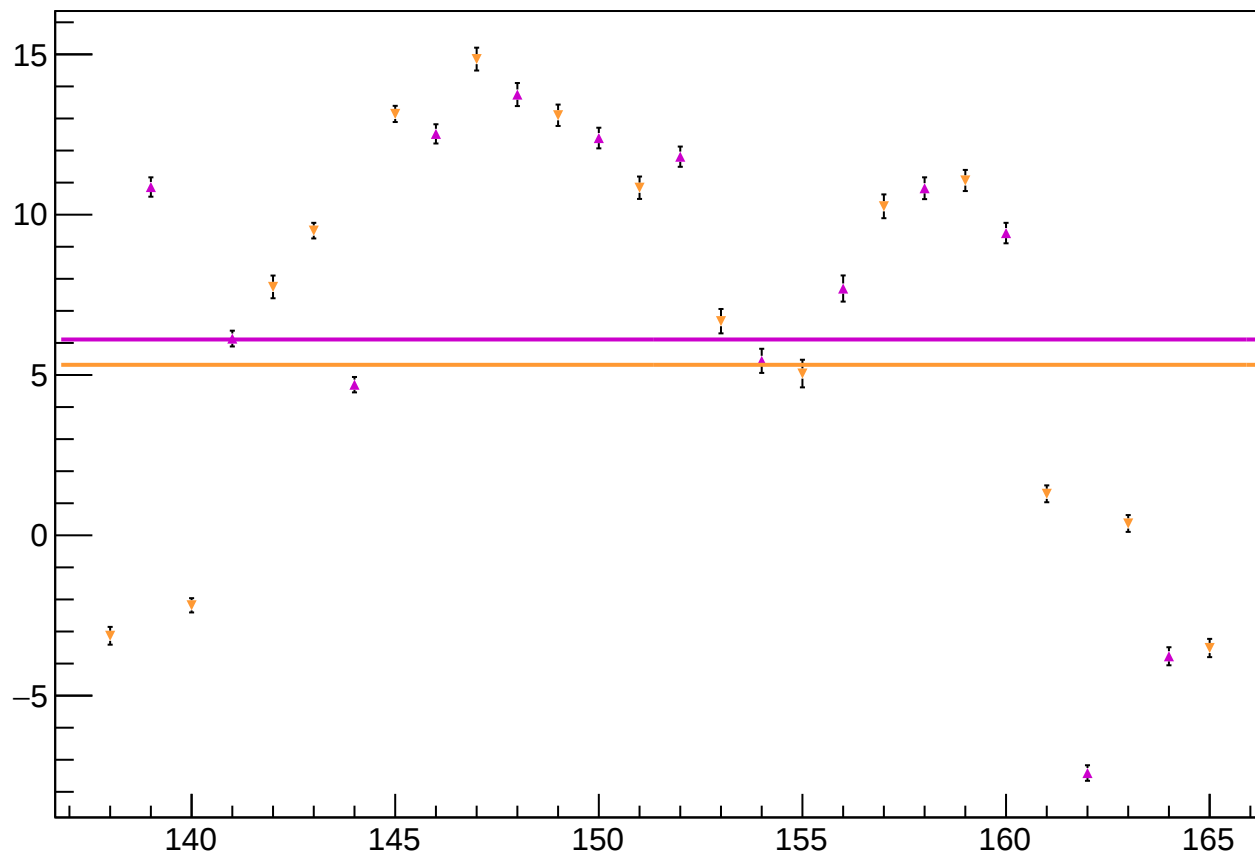
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.262 ± 0.004 χ^2/NDF : 11223.2/29

Out: 0.270 ± 0.003 χ^2/NDF : 12873.0/33

All: 0.266 ± 0.002 χ^2/NDF : 24098.8/63

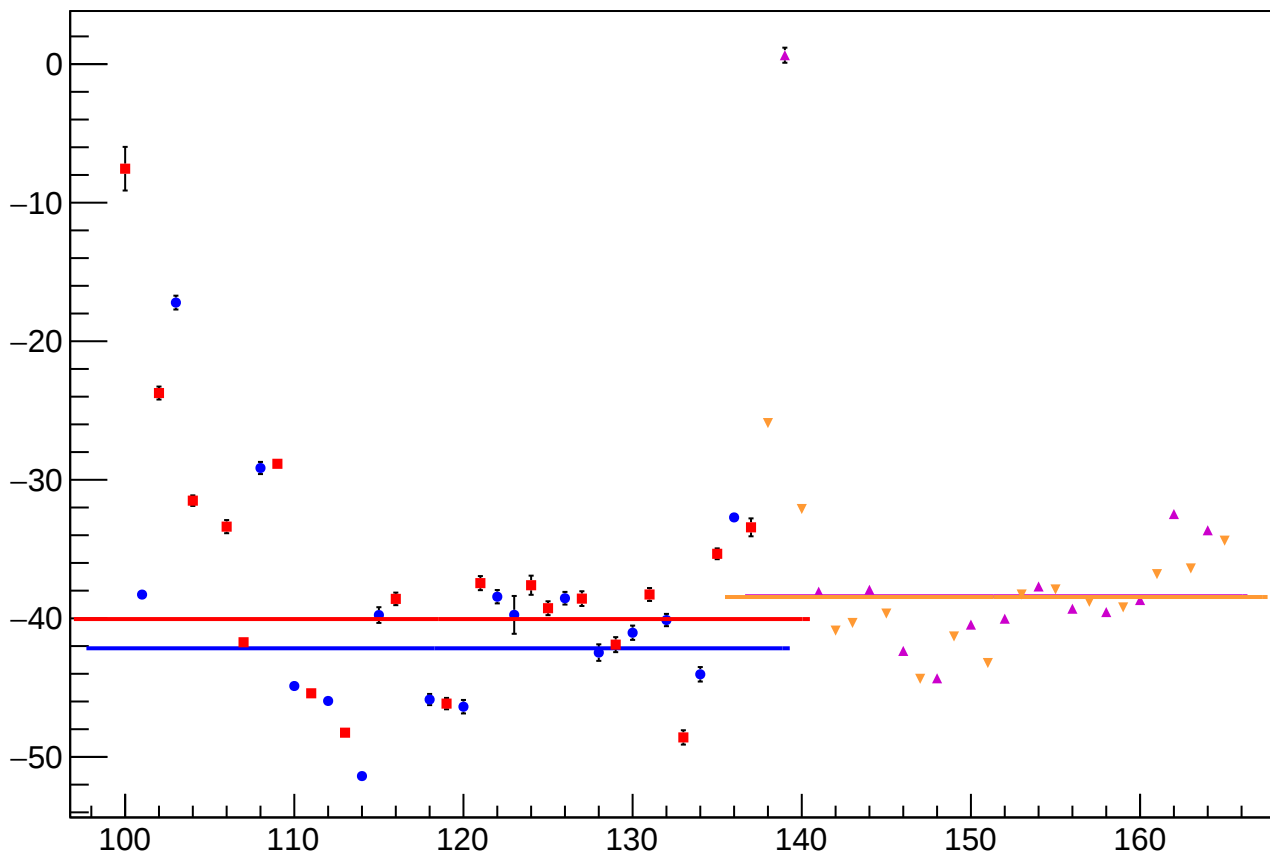
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.318+/-0.077 χ^2/NDF : 6922.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.108+/-0.083 χ^2/NDF : 6562.4/12

Left: 5.682+/-0.056 χ^2/NDF : 13533.7/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.108+/-0.083 χ^2/NDF : 6562.4/12
 Out: 5.318+/-0.077 χ^2/NDF : 6922.8/14
 All: 5.682+/-0.056 χ^2/NDF : 13533.7/27

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: -38.460 ± 0.055 $\chi^2/\text{NDF}: 6083.0/14$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -38.403 ± 0.059 $\chi^2/\text{NDF}: 8271.4/12$

Left: -38.434 ± 0.040 $\chi^2/\text{NDF}: 14354.9/27$

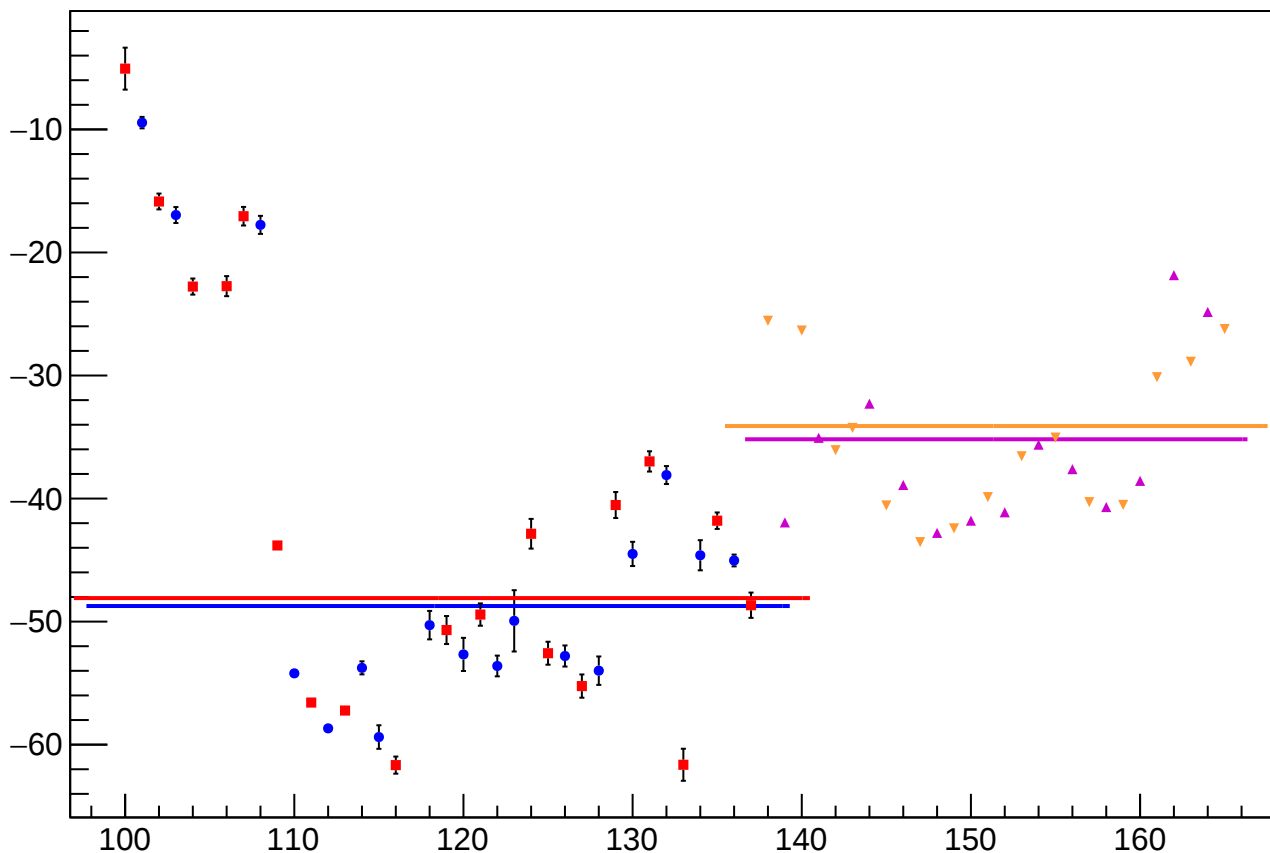
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -39.782 ± 0.047 $\chi^2/\text{NDF}: 16314.0/29$

Out: -39.033 ± 0.044 $\chi^2/\text{NDF}: 17699.7/33$

All: -39.379 ± 0.032 $\chi^2/\text{NDF}: 34148.9/63$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -34.106 ± 0.077 $\chi^2/\text{NDF}: 6572.0/14$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -35.182 ± 0.082 $\chi^2/\text{NDF}: 7269.6/12$

Left: -34.611 ± 0.056 $\chi^2/\text{NDF}: 13934.0/27$

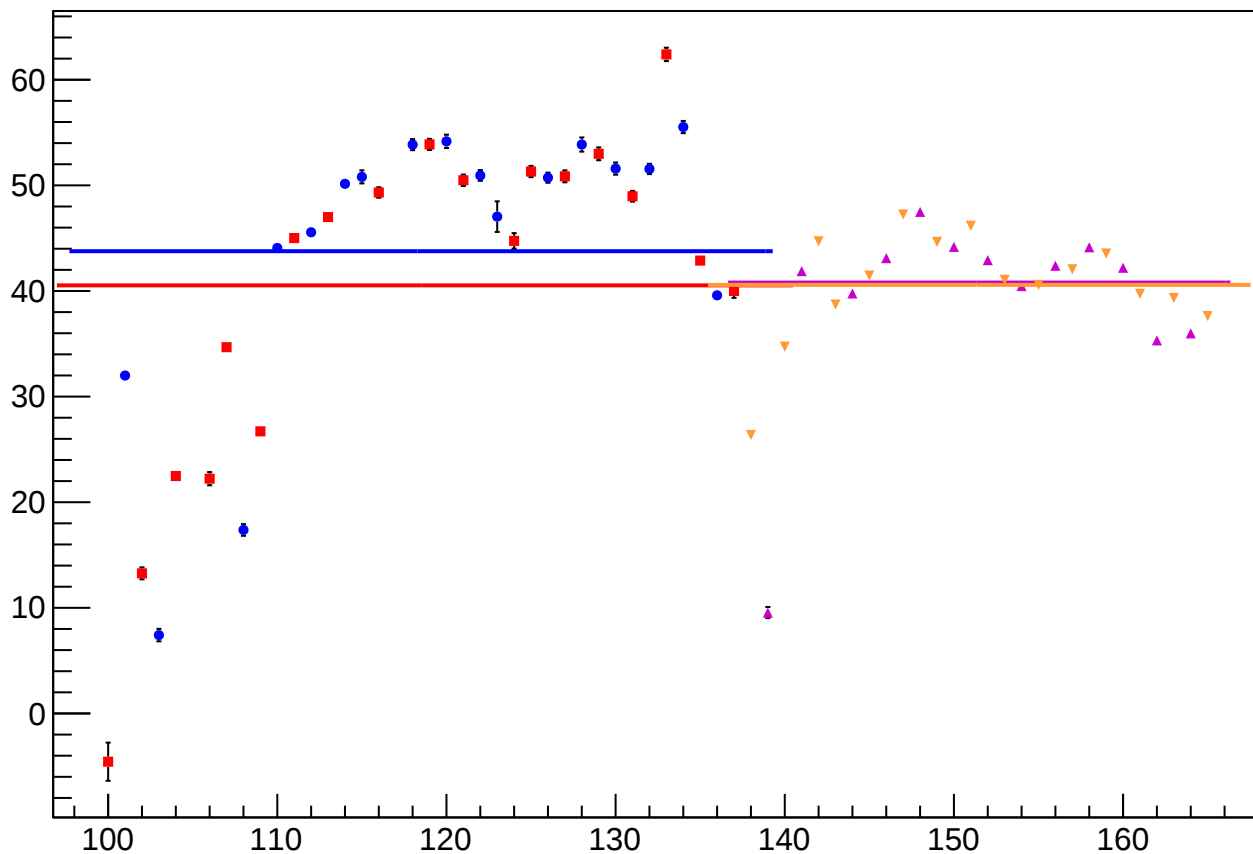
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -39.244 ± 0.068 $\chi^2/\text{NDF}: 30200.6/29$

Out: -38.837 ± 0.062 $\chi^2/\text{NDF}: 29557.5/33$

All: -39.022 ± 0.046 $\chi^2/\text{NDF}: 59777.4/63$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2/NDF : 10633.5/16

Left Out: 40.577 $\pm$ 0.064 χ^2/NDF : 5014.0/14

Right Out: 40.531 $\pm$ 0.080 χ^2/NDF : 17580.8/18

Left In: 40.799 $\pm$ 0.069 χ^2/NDF : 6045.6/12

Left: 40.679 $\pm$ 0.047 χ^2/NDF : 11065.2/27

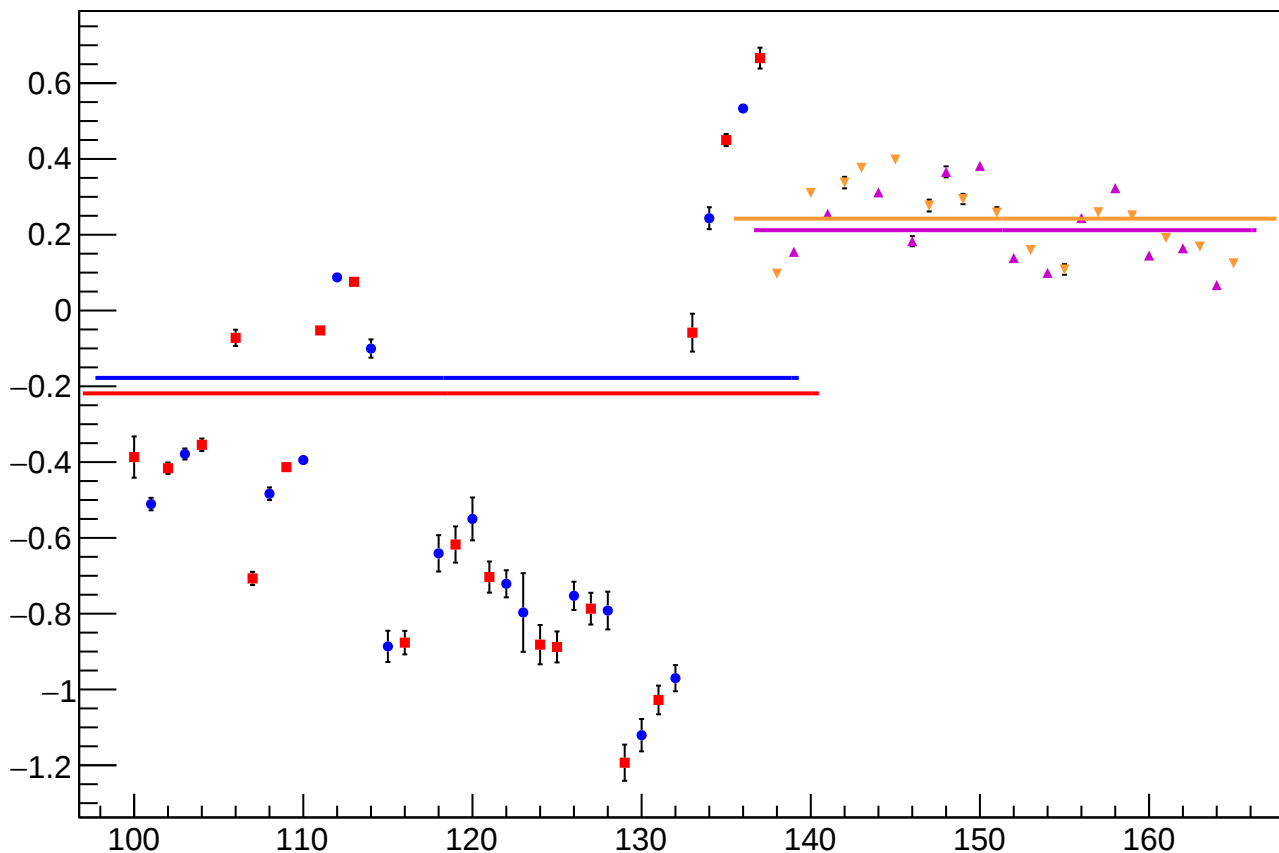
Right: 42.021 $\pm$ 0.059 χ^2/NDF : 28963.8/35

In: 41.944 $\pm$ 0.054 χ^2/NDF : 17396.9/29

Out: 40.559 $\pm$ 0.050 χ^2/NDF : 22595.0/33

All: 41.198 $\pm$ 0.037 χ^2/NDF : 40347.4/63

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.242 ± 0.003 χ^2/NDF : 956.8/14

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.212 ± 0.003 χ^2/NDF : 867.1/12

Left: 0.228 ± 0.002 χ^2/NDF : 1871.3/27

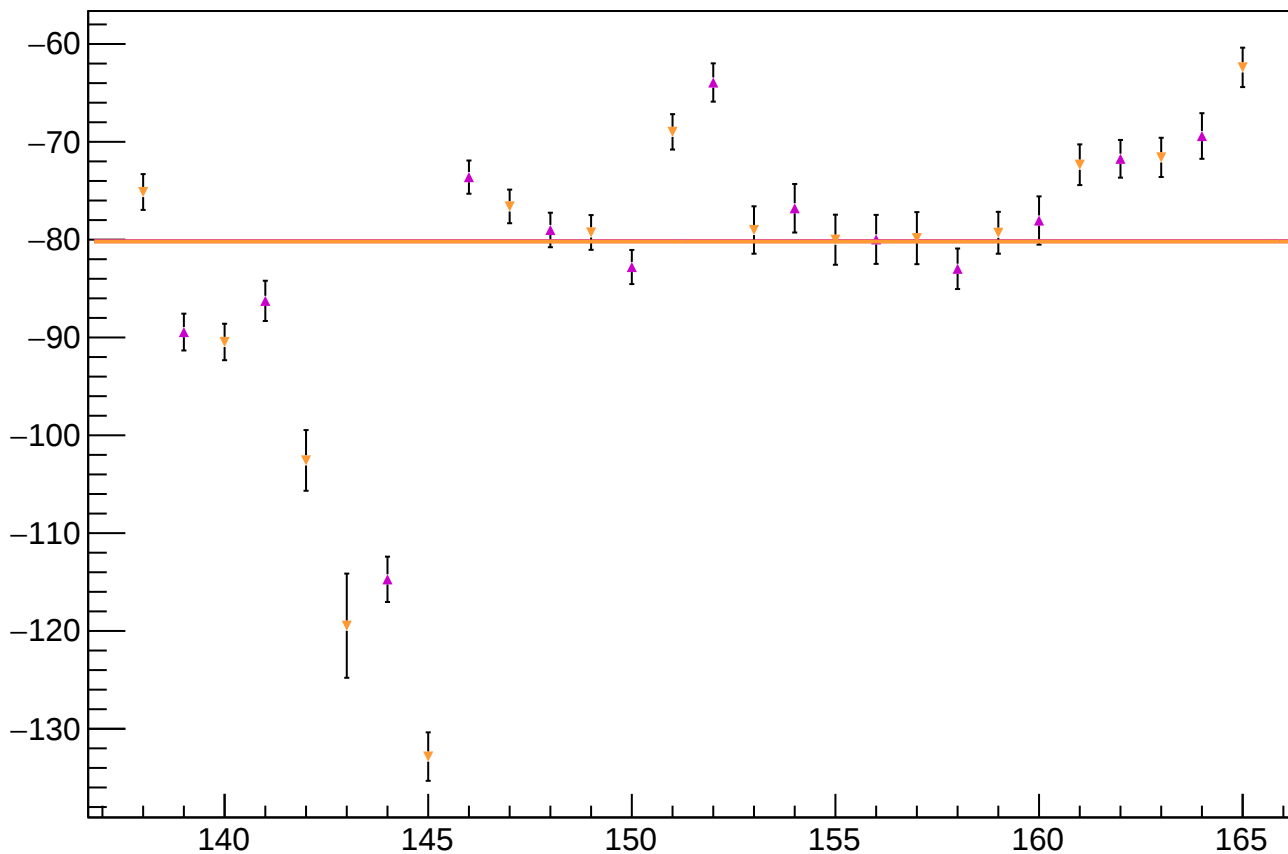
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.093 ± 0.003 χ^2/NDF : 12726.6/29

Out: 0.089 ± 0.002 χ^2/NDF : 16105.6/33

All: 0.091 ± 0.002 χ^2/NDF : 28832.9/63

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -80.191+/-0.554 χ^2/NDF : 750.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -80.153+/-0.565 χ^2/NDF : 386.6/12

Left: -80.172+/-0.395 χ^2/NDF : 1137.4/27

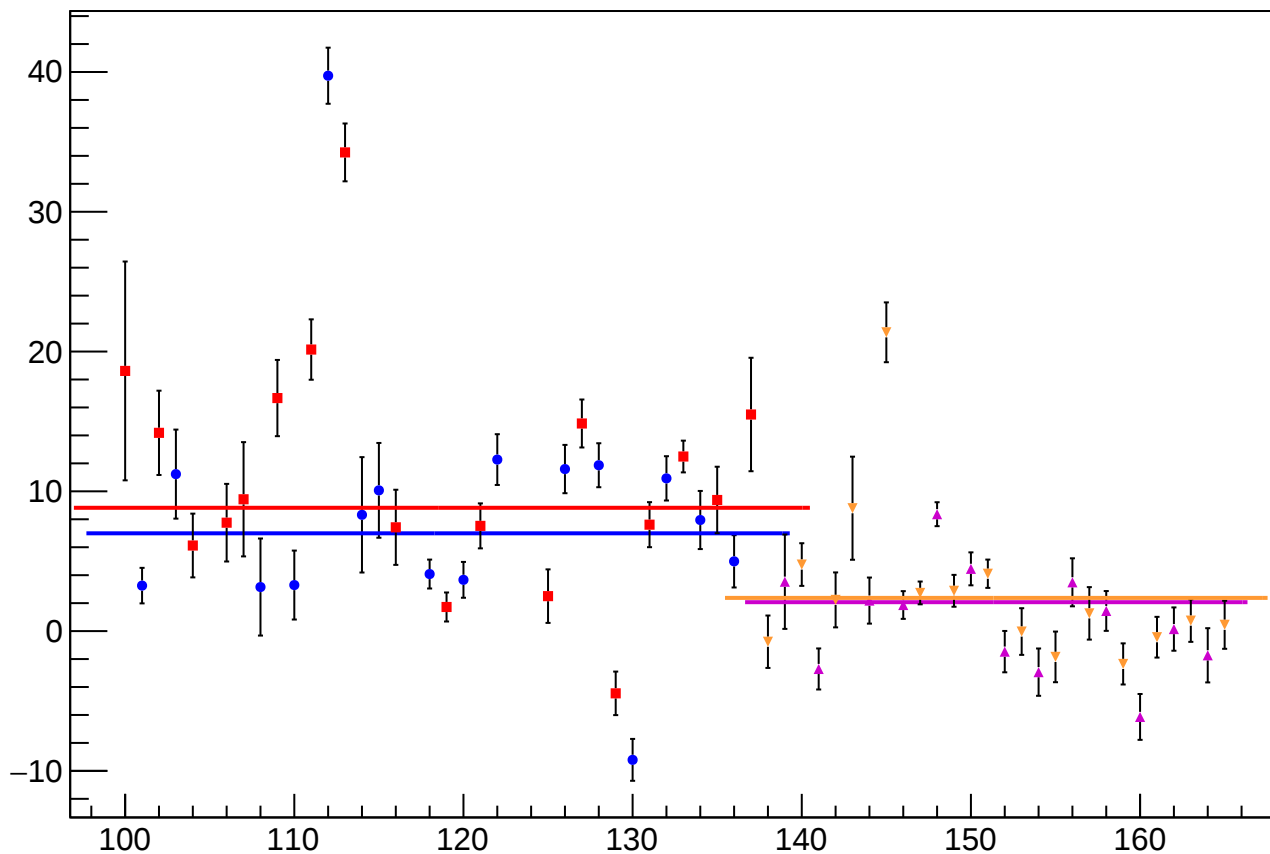
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.153+/-0.565 χ^2/NDF : 386.6/12

Out: -80.191+/-0.554 χ^2/NDF : 750.8/14

All: -80.172+/-0.395 χ^2/NDF : 1137.4/27

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.376 ± 0.374 $\chi^2/\text{NDF}: 114.7/14$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.069 ± 0.386 $\chi^2/\text{NDF}: 114.7/12$

Left: 2.227 ± 0.268 $\chi^2/\text{NDF}: 229.8/27$

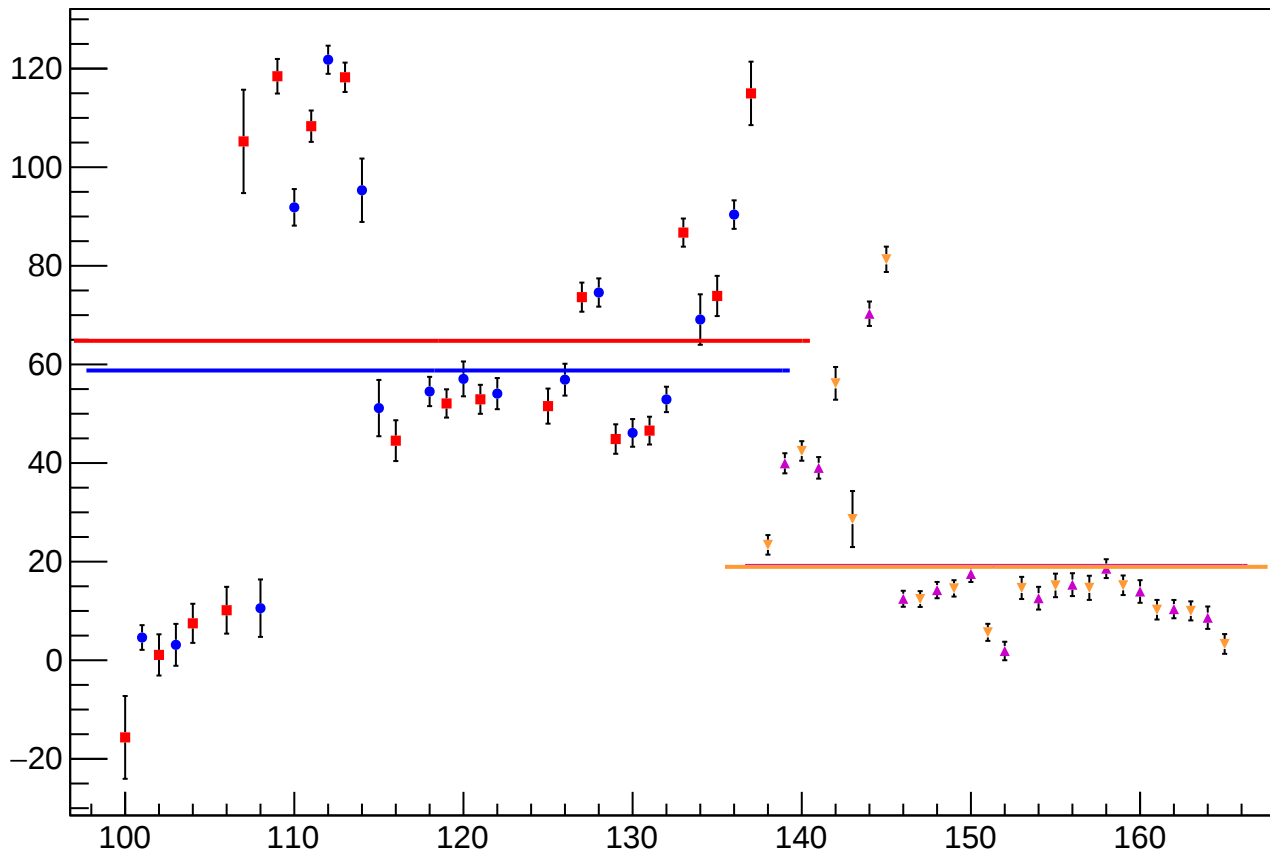
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.244 ± 0.288 $\chi^2/\text{NDF}: 632.0/28$

Out: 5.015 ± 0.287 $\chi^2/\text{NDF}: 587.0/32$

All: 4.631 ± 0.203 $\chi^2/\text{NDF}: 1222.6/61$

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: 18.946 $\pm$ 0.540 χ^2 /NDF:1060.3/14

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 19.134 $\pm$ 0.547 χ^2 /NDF:783.8/12

Left: 19.039 $\pm$ 0.384 χ^2 /NDF: 1844.1/27

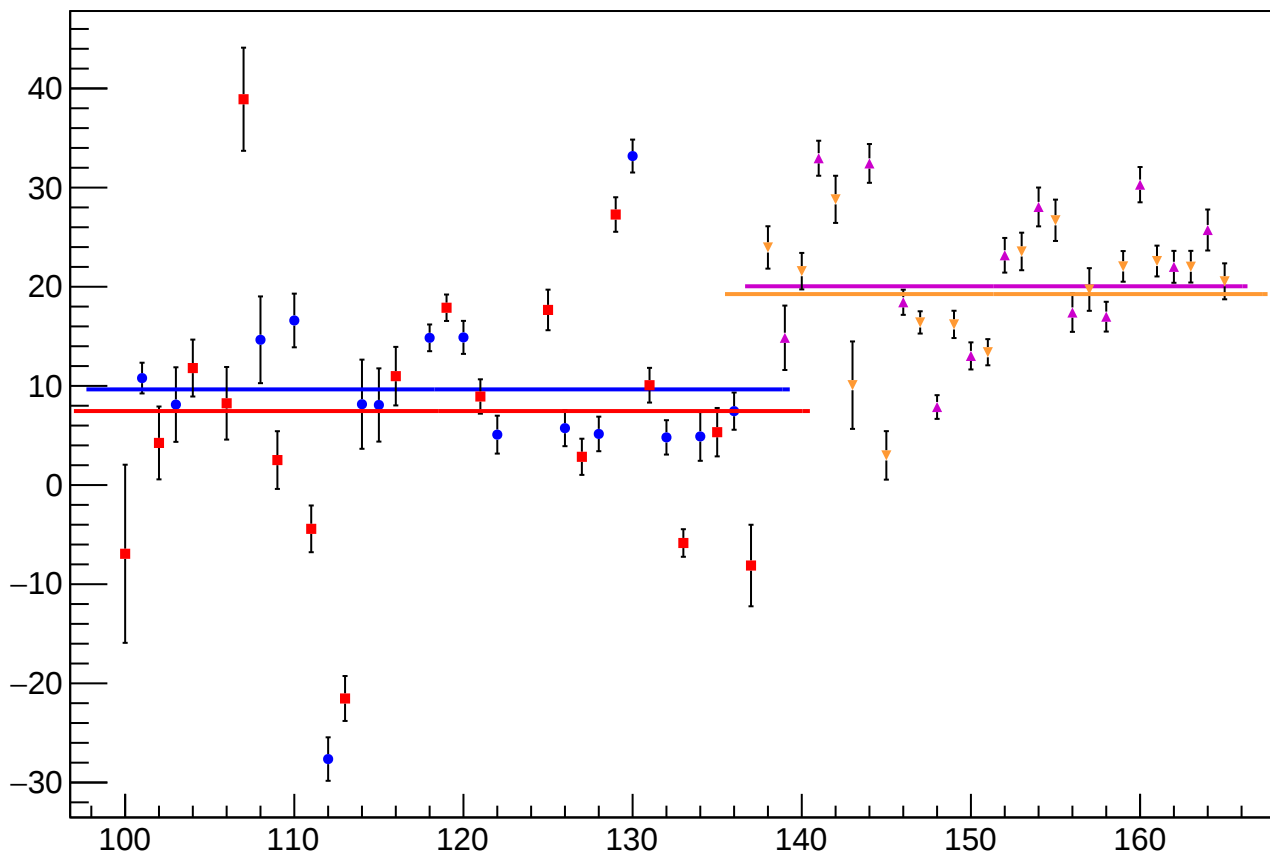
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 31.086 $\pm$ 0.457 χ^2 /NDF:3858.8/28

Out: 32.337 $\pm$ 0.454 χ^2 /NDF:4884.6/32

All: 31.716 $\pm$ 0.322 χ^2 /NDF: 8747.2/61

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 19.260 ± 0.445 $\chi^2/\text{NDF}: 131.6/14$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 20.048 ± 0.458 $\chi^2/\text{NDF}: 295.8/12$

Left: 19.642 ± 0.319 $\chi^2/\text{NDF}: 429.0/27$

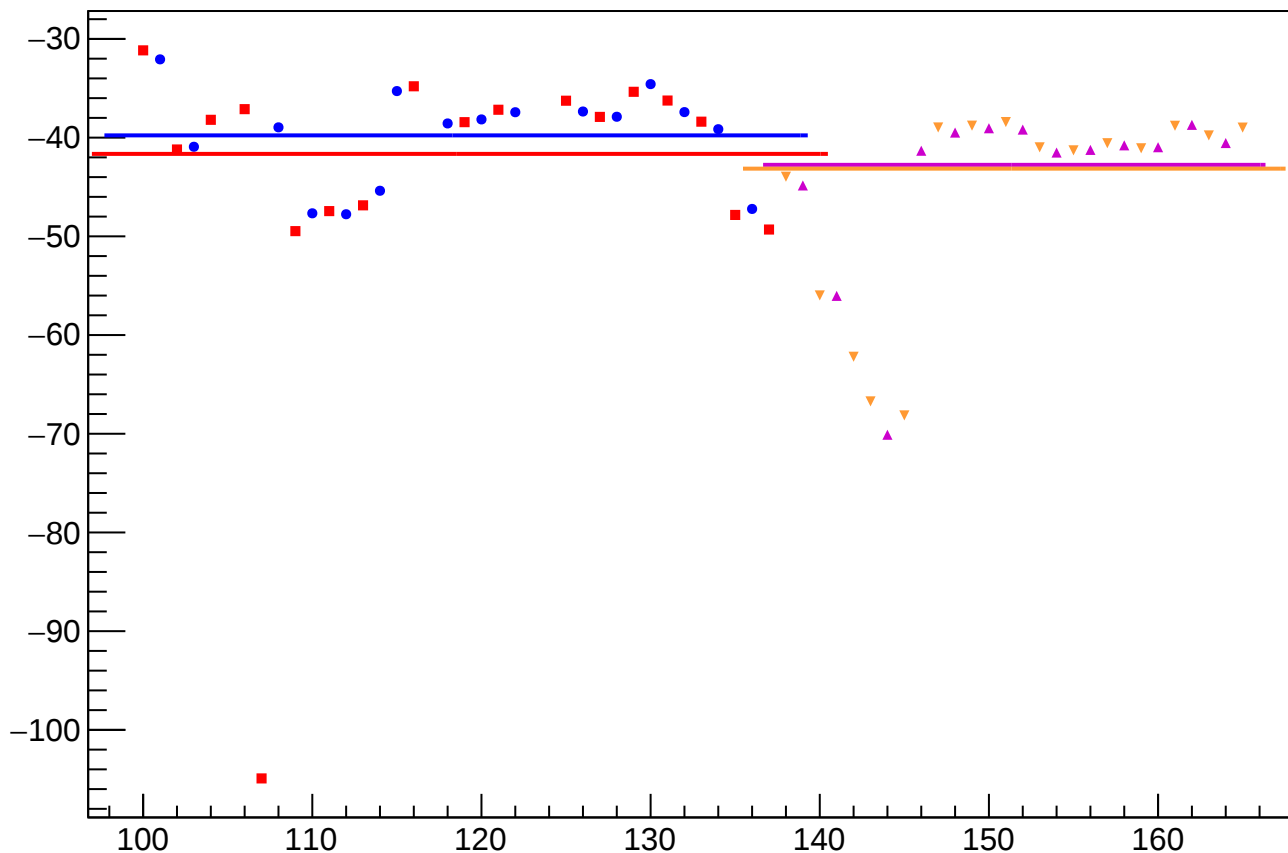
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.320 ± 0.338 $\chi^2/\text{NDF}: 1083.5/28$

Out: 14.229 ± 0.337 $\chi^2/\text{NDF}: 998.7/32$

All: 14.772 ± 0.239 $\chi^2/\text{NDF}: 2087.4/61$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -43.142 ± 0.022 χ^2/NDF : 135218.3/14

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -42.757 ± 0.022 χ^2/NDF : 99676.3/12

Left: -42.951 ± 0.015 χ^2/NDF : 235054.2/27

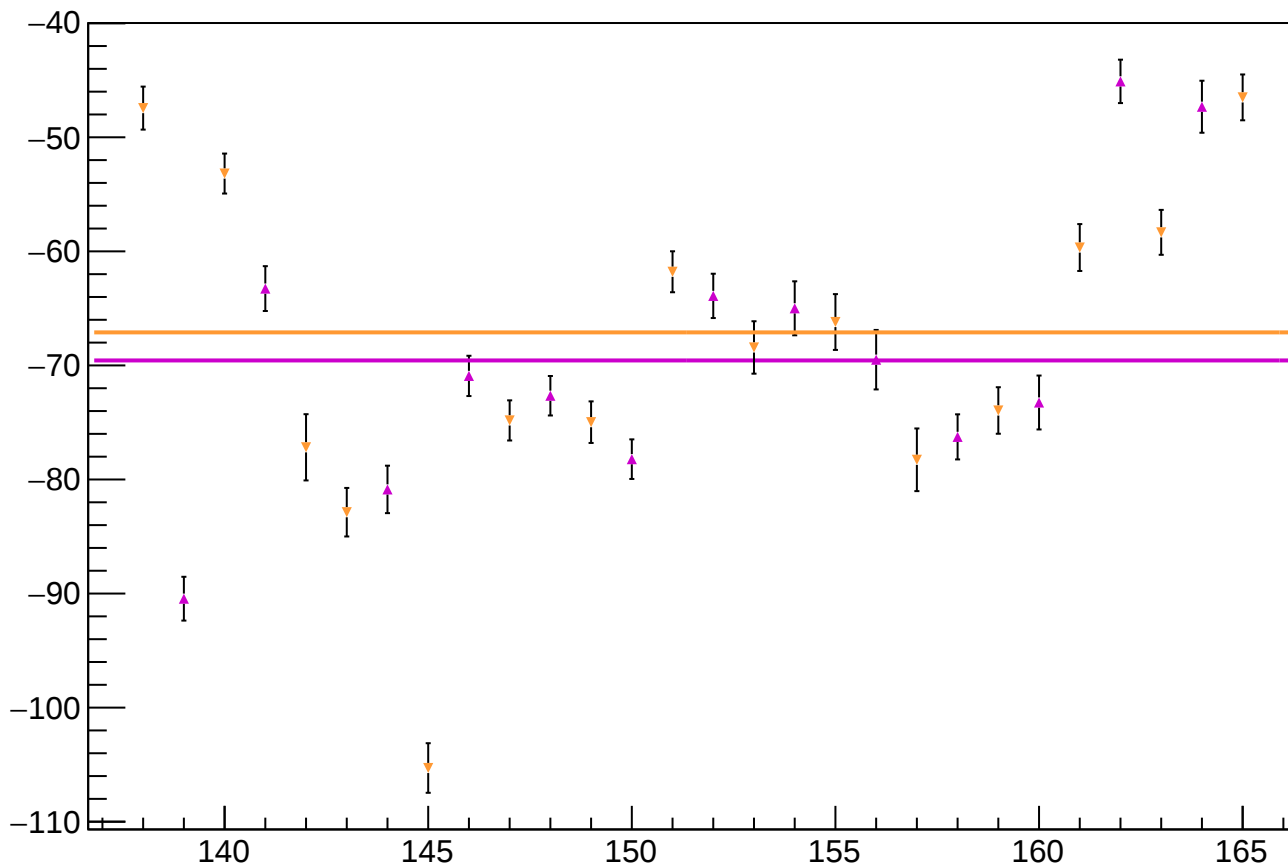
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -41.785 ± 0.018 χ^2/NDF : 132067.2/28

Out: -42.661 ± 0.018 χ^2/NDF : 231289.7/32

All: -42.224 ± 0.013 χ^2/NDF : 364577.3/61

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



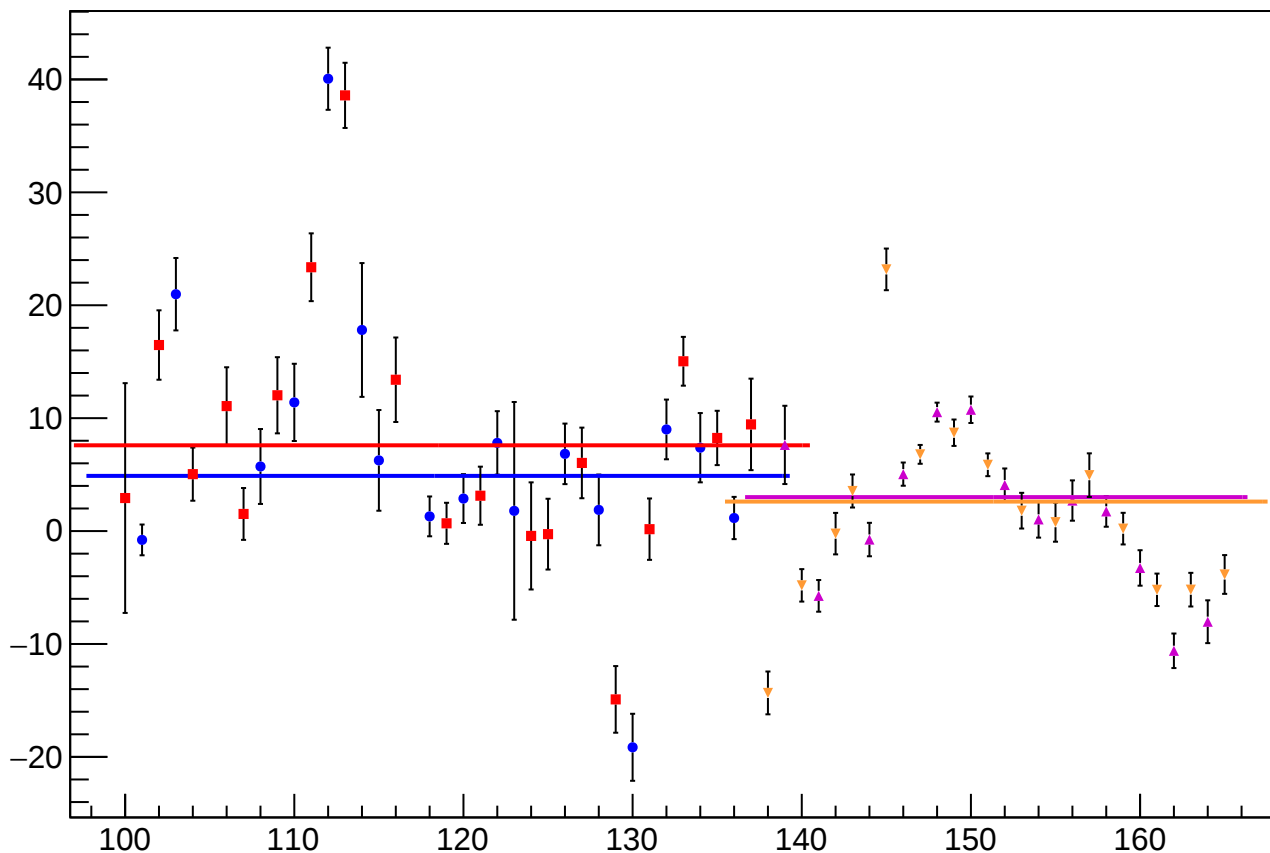
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -67.104 $\pm$ 0.530 χ^2/NDF :760.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -69.564 $\pm$ 0.555 χ^2/NDF :473.3/12

Left: -68.276 $\pm$ 0.383 χ^2/NDF : 1244.2/27
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -69.564 $\pm$ 0.555 χ^2/NDF :473.3/12
 Out: -67.104 $\pm$ 0.530 χ^2/NDF :760.5/14

All: -68.276 $\pm$ 0.383 χ^2/NDF : 1244.2/27

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 2.612 ± 0.359 χ^2/NDF : 373.3/14

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 3.007 ± 0.379 χ^2/NDF : 306.9/12

Left: 2.799 ± 0.261 χ^2/NDF : 680.7/27

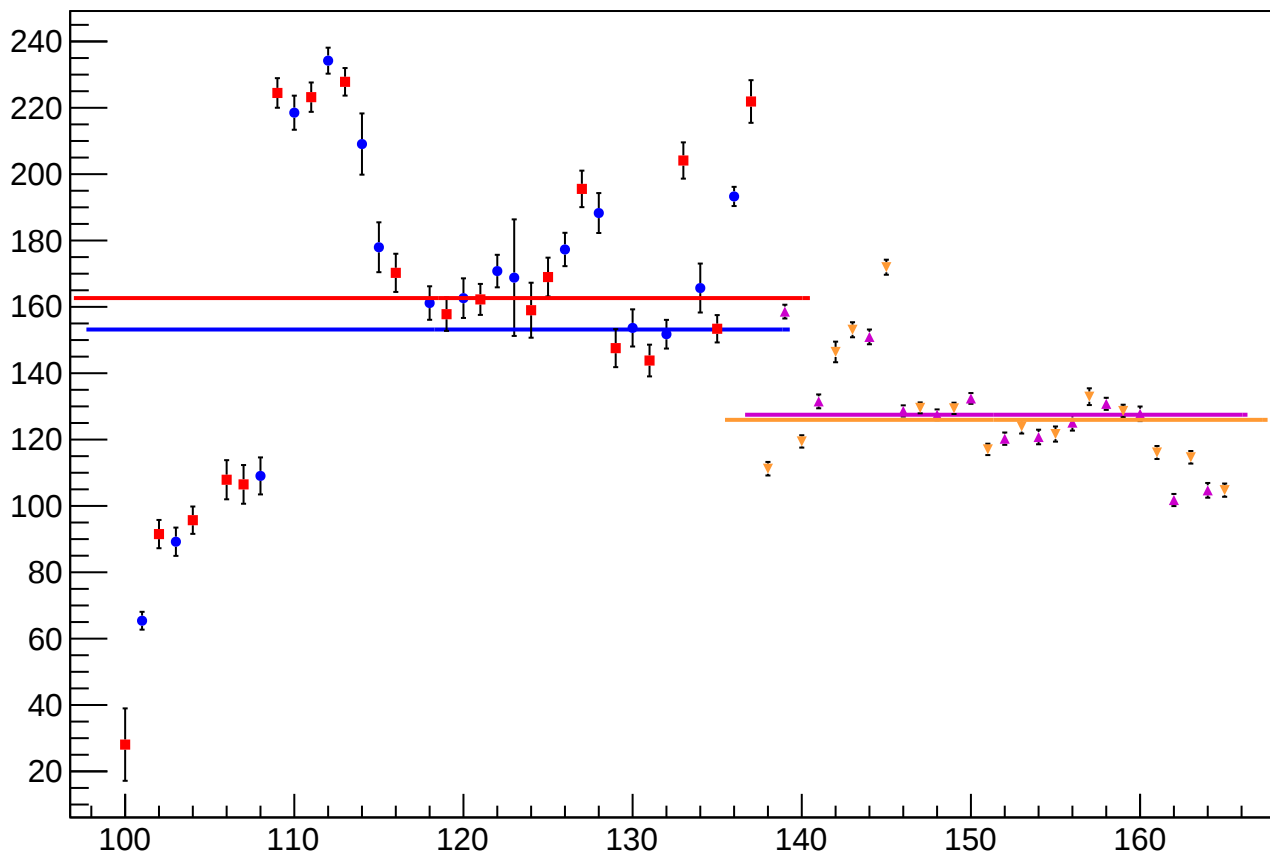
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 3.517 ± 0.324 χ^2/NDF : 608.3/29

Out: 3.775 ± 0.314 χ^2/NDF : 687.6/33

All: 3.650 ± 0.226 χ^2/NDF : 1296.2/63

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 125.948+/-0.519 χ^2/NDF : 884.6/14

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 127.487+/-0.539 χ^2/NDF : 678.8/12

Left: 126.689+/-0.374 χ^2/NDF : 1567.6/27

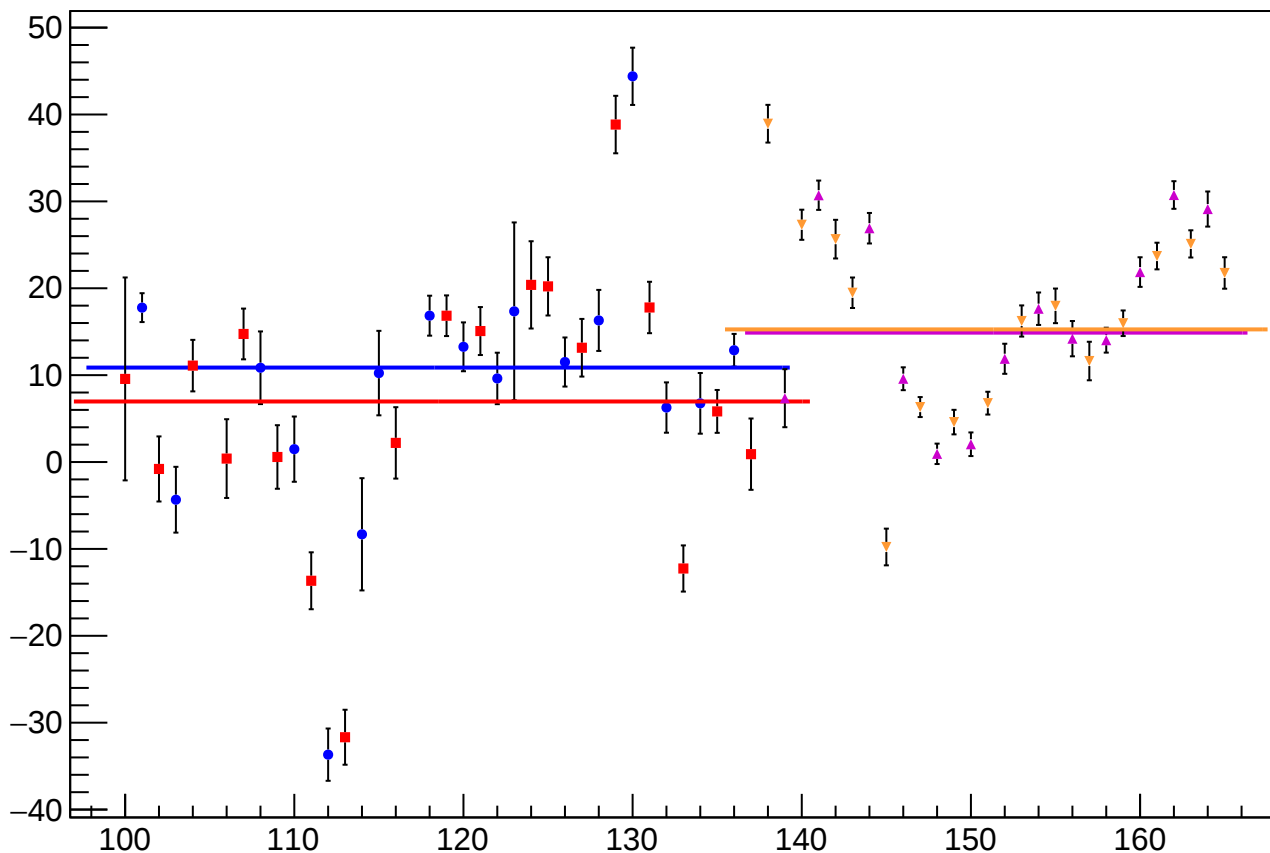
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 132.131+/-0.487 χ^2/NDF : 3354.4/29

Out: 131.932+/-0.475 χ^2/NDF : 3408.1/33

All: 132.029+/-0.340 χ^2/NDF : 6762.5/63

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: 15.265 $\pm$ 0.426 χ^2 /NDF: 582.4/14

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 14.893 $\pm$ 0.450 χ^2 /NDF: 557.7/12

Left: 15.089 $\pm$ 0.309 χ^2 /NDF: 1140.4/27

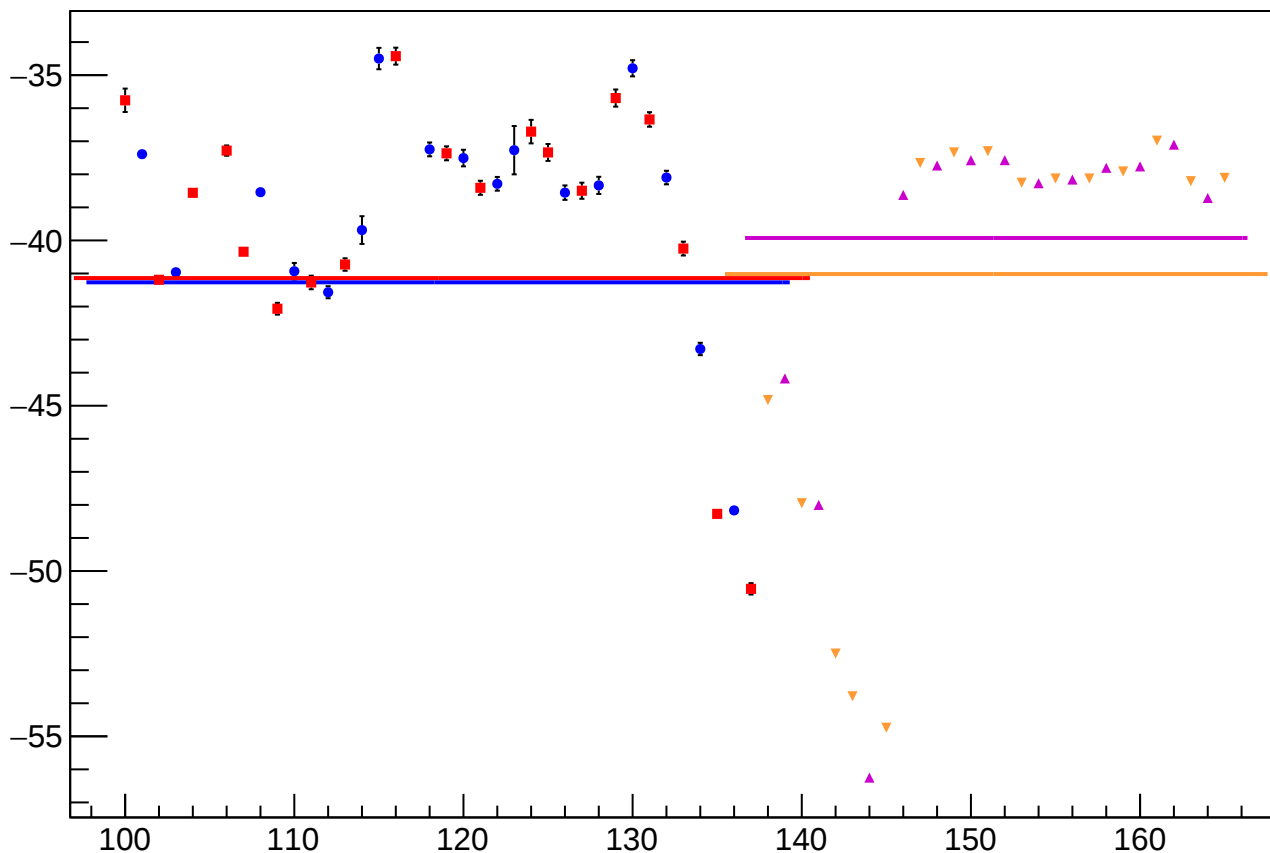
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 13.752 $\pm$ 0.381 χ^2 /NDF: 967.0/29

Out: 13.228 $\pm$ 0.370 χ^2 /NDF: 1097.6/33

All: 13.483 $\pm$ 0.265 χ^2 /NDF: 2065.6/63

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -41.017 ± 0.021 $\chi^2/\text{NDF}: 79308.1/14$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.926 ± 0.021 $\chi^2/\text{NDF}: 48438.6/12$

Left: -40.487 ± 0.015 $\chi^2/\text{NDF}: 129099.8/27$

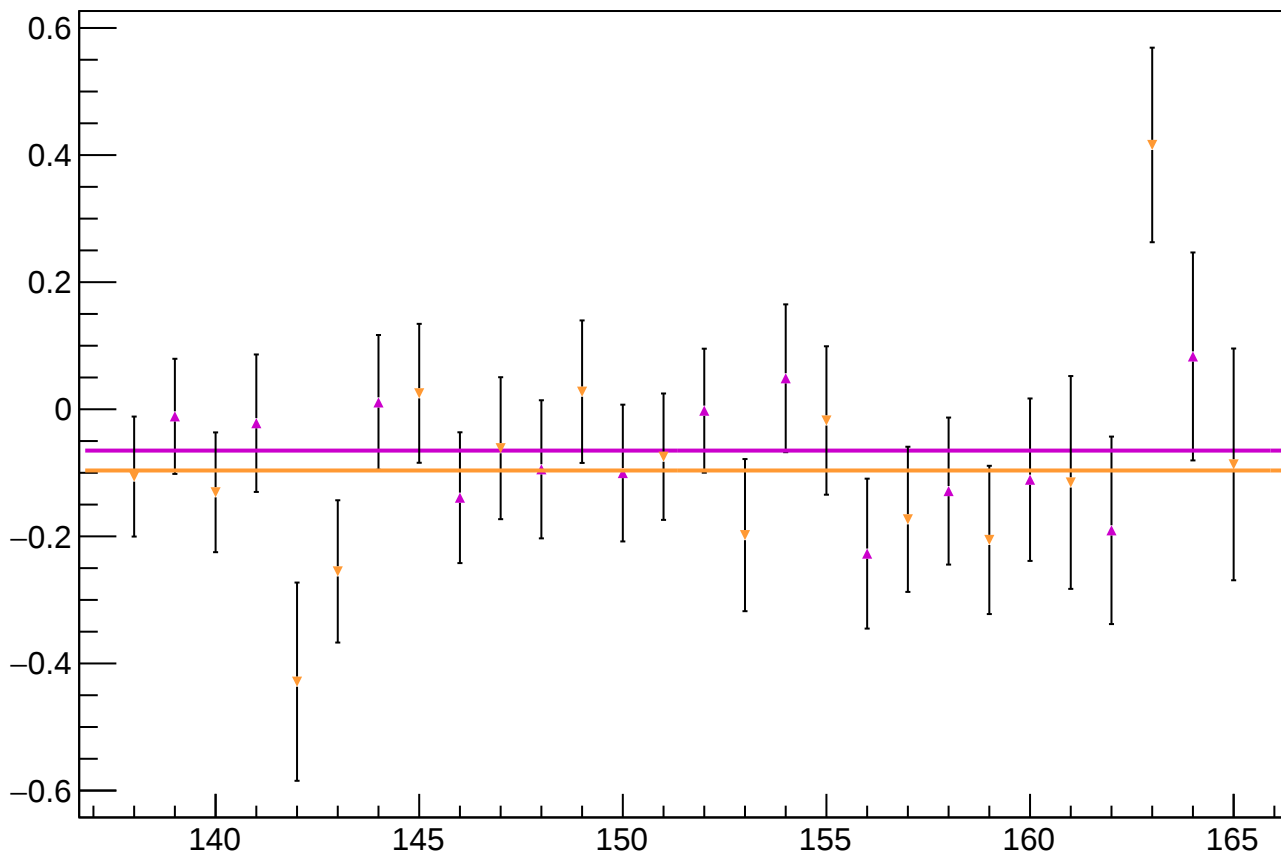
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -40.239 ± 0.019 $\chi^2/\text{NDF}: 61949.3/29$

Out: -41.044 ± 0.018 $\chi^2/\text{NDF}: 91558.2/33$

All: -40.651 ± 0.013 $\chi^2/\text{NDF}: 154461.3/63$

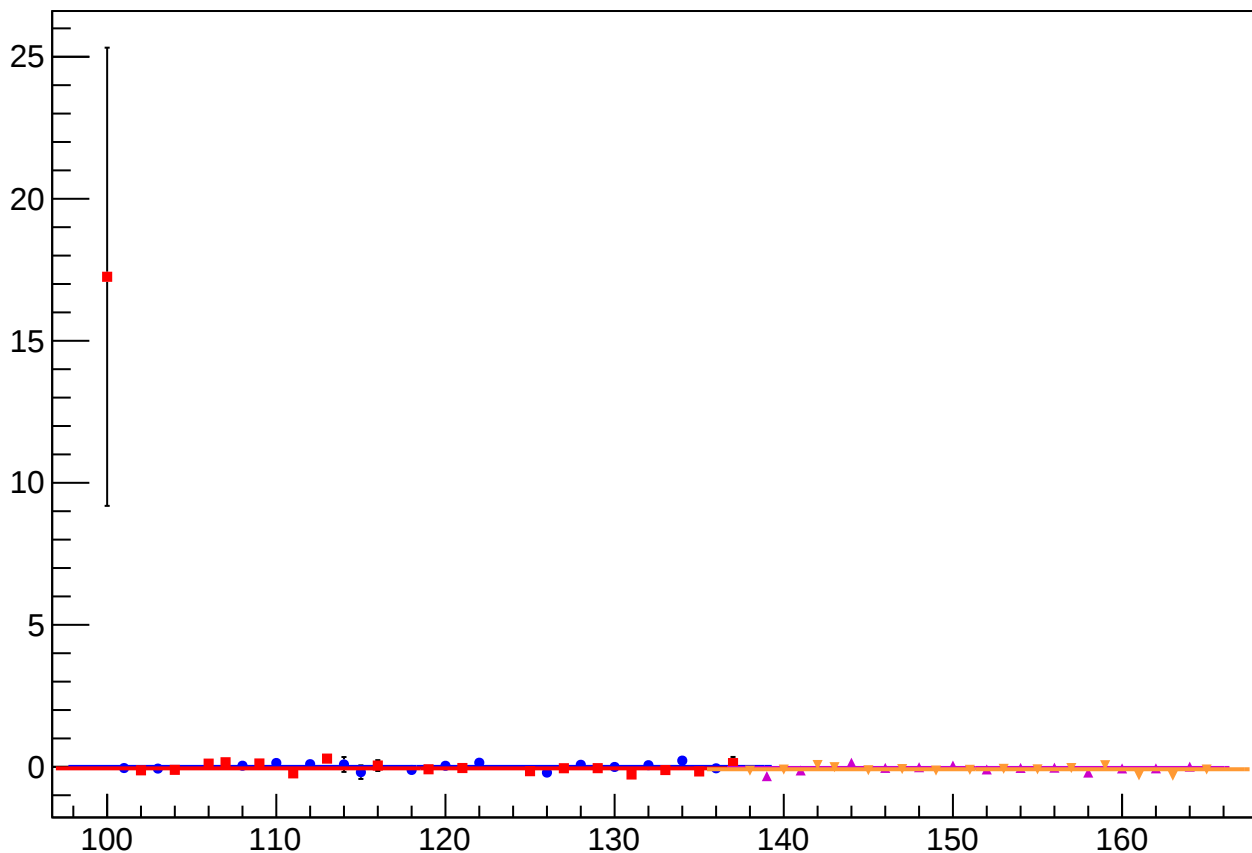
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.096 $\pm$ 0.030 χ^2 /NDF:23.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.065 $\pm$ 0.031 χ^2 /NDF:7.0/12

Left: -0.081 $\pm$ 0.022 χ^2 /NDF: 30.5/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.065 $\pm$ 0.031 χ^2 /NDF:7.0/12
 Out: -0.096 $\pm$ 0.030 χ^2 /NDF:23.0/14
 All: -0.081 $\pm$ 0.022 χ^2 /NDF: 30.5/27

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.085 ± 0.021 χ^2/NDF : 14.6/14

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.039 ± 0.022 χ^2/NDF : 16.6/12

Left: -0.063 ± 0.015 χ^2/NDF : 33.5/27

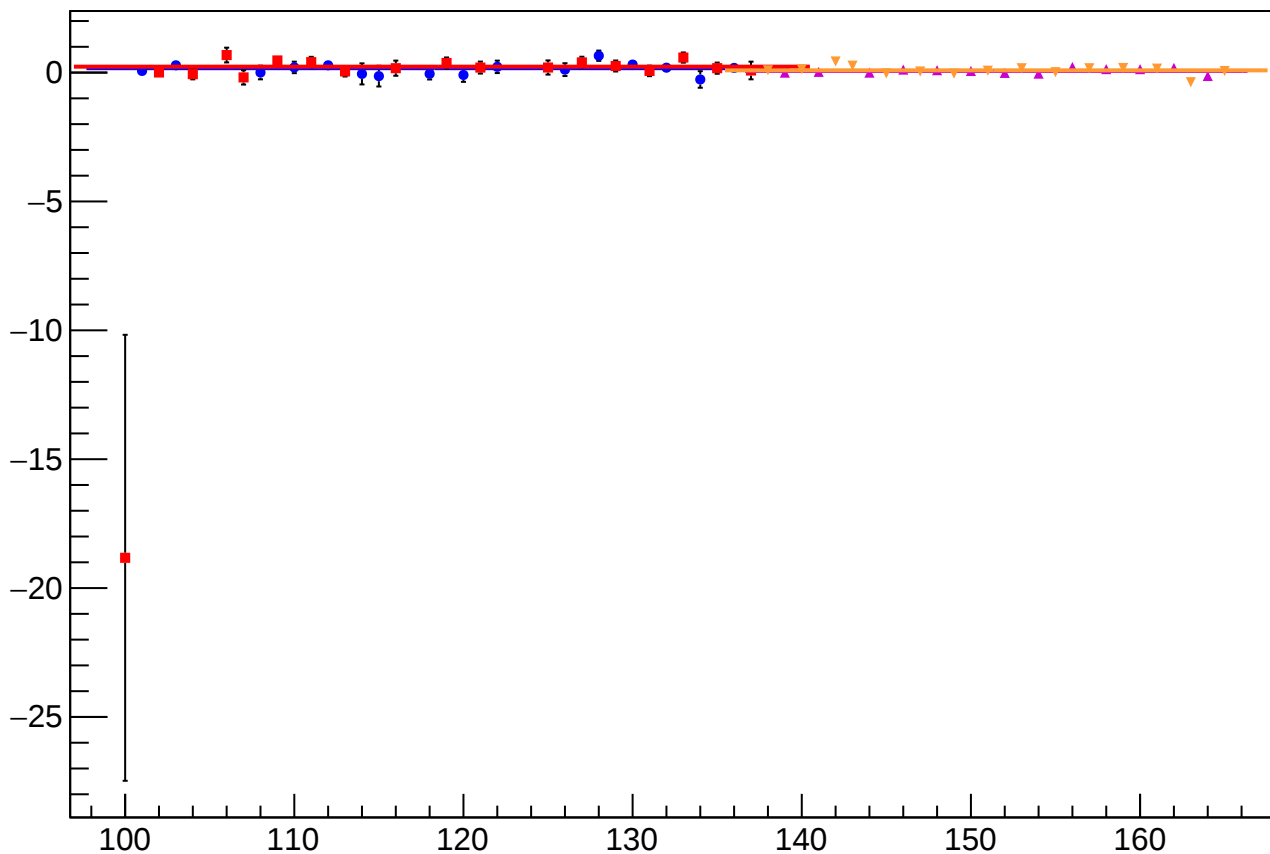
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.025 ± 0.017 χ^2/NDF : 29.8/28

Out: -0.074 ± 0.017 χ^2/NDF : 40.9/32

All: -0.050 ± 0.012 χ^2/NDF : 74.8/61

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: 0.086 $\pm$ 0.030 χ^2 /NDF:21.7/14

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.062 $\pm$ 0.030 χ^2 /NDF:7.8/12

Left: 0.074 $\pm$ 0.021 χ^2 /NDF: 29.8/27

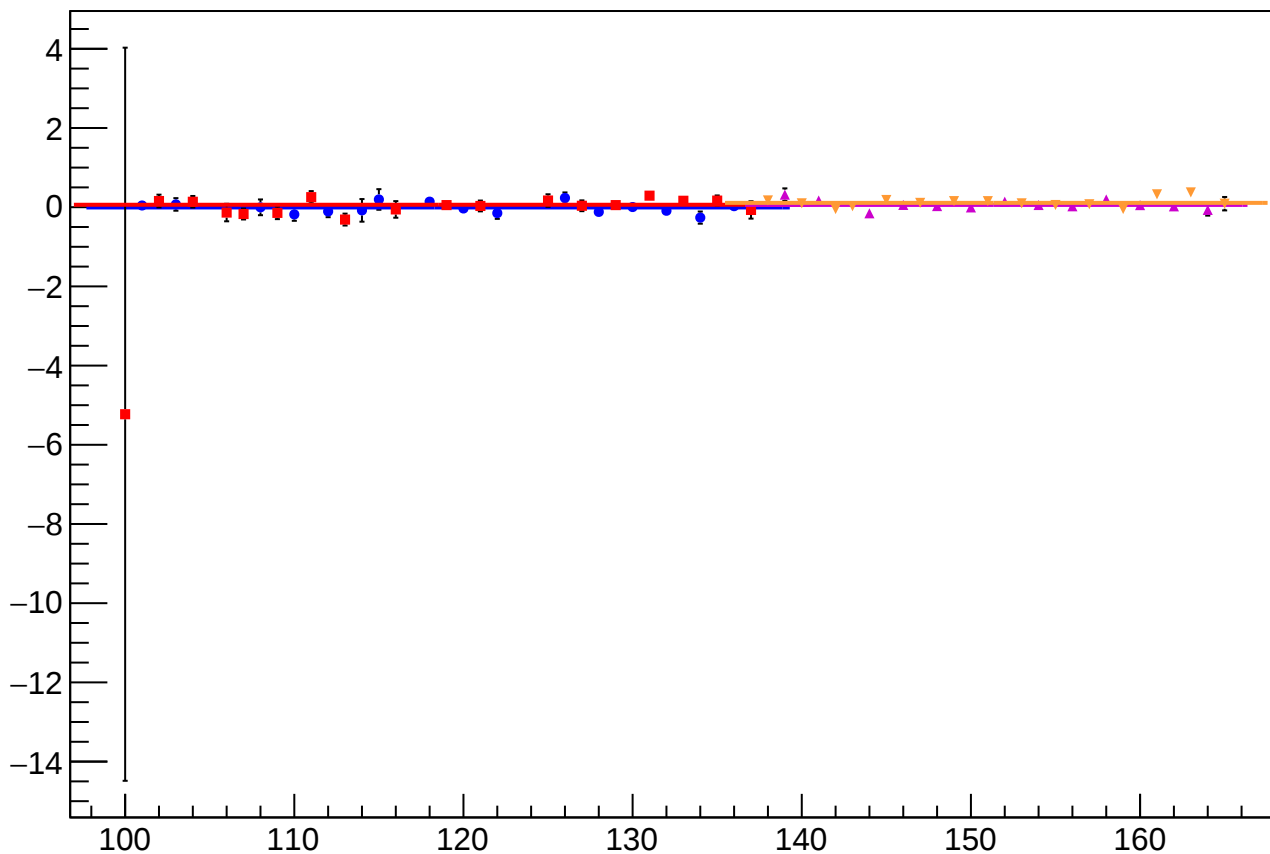
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.089 $\pm$ 0.026 χ^2 /NDF:24.0/28

Out: 0.120 $\pm$ 0.026 χ^2 /NDF:48.8/32

All: 0.105 $\pm$ 0.018 χ^2 /NDF: 73.5/61

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.109 ± 0.025 χ^2/NDF : 15.4/14

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.057 ± 0.026 χ^2/NDF : 14.9/12

Left: 0.084 ± 0.018 χ^2/NDF : 32.4/27

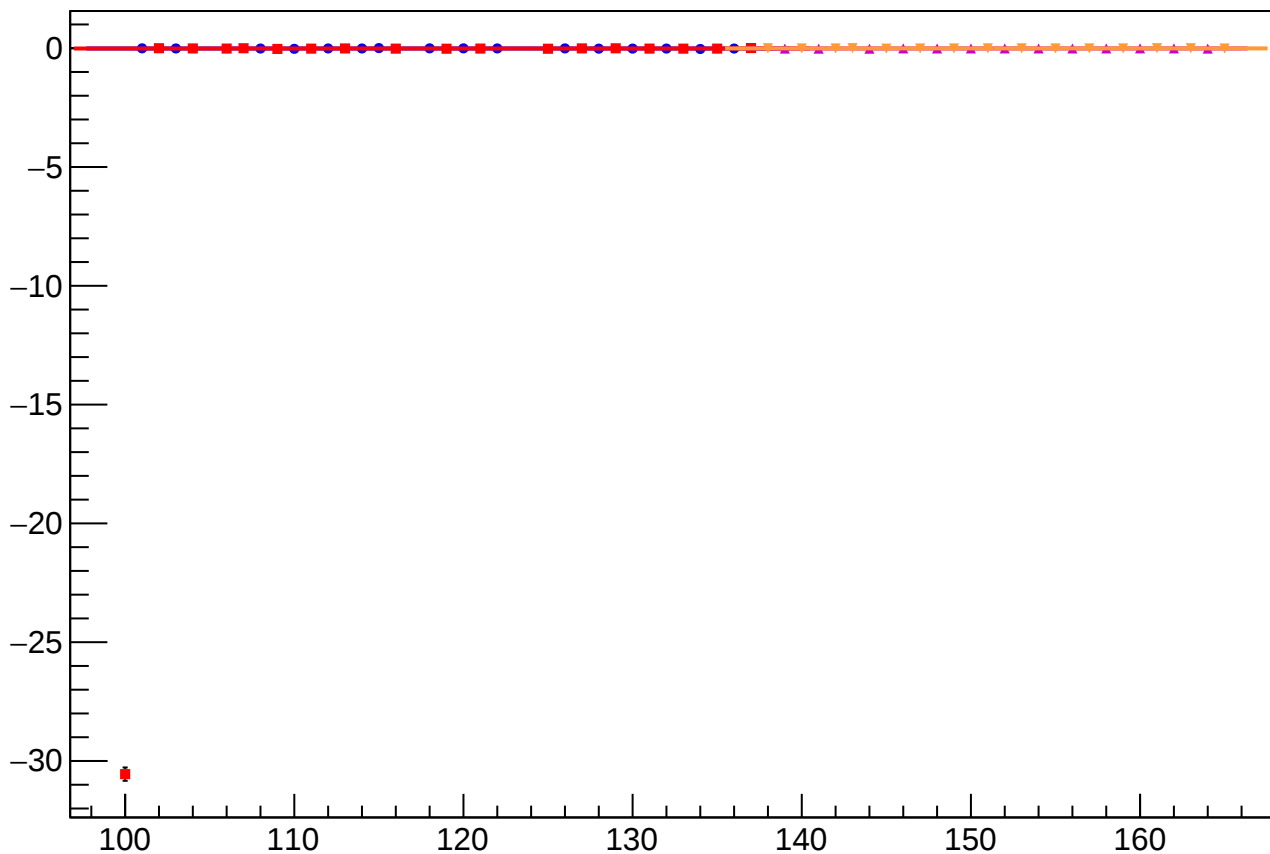
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.033 ± 0.020 χ^2/NDF : 30.5/28

Out: 0.093 ± 0.020 χ^2/NDF : 37.0/32

All: 0.063 ± 0.014 χ^2/NDF : 71.9/61

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:17.0/14

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:12.4/12

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 32.9/27

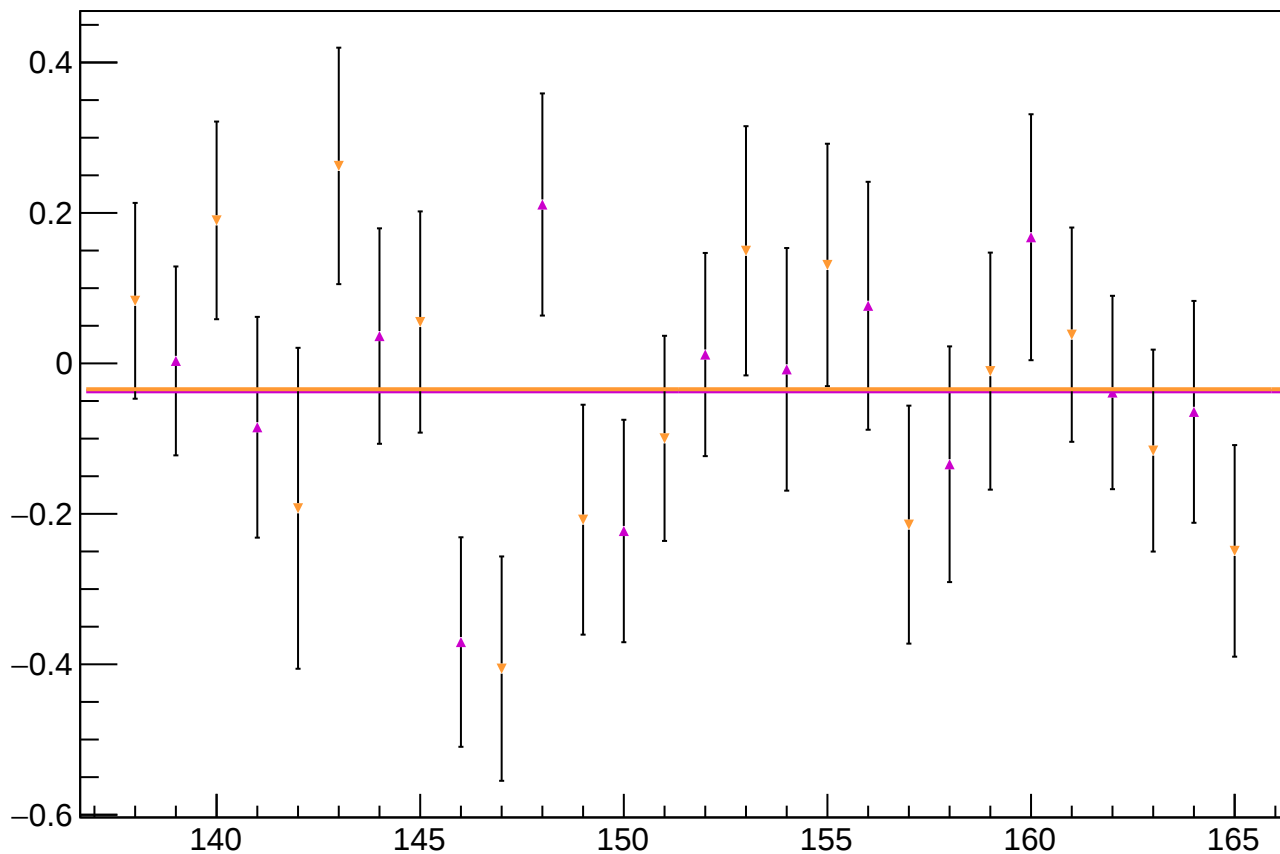
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.011 $\pm$ 0.001 χ^2 /NDF:25.5/28

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11911.7/32

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11939.6/61

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: -0.034 $\pm$ 0.038 χ^2 /NDF:22.5/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.037 $\pm$ 0.040 χ^2 /NDF:13.2/12

Left: -0.036 $\pm$ 0.028 χ^2 /NDF: 35.7/27

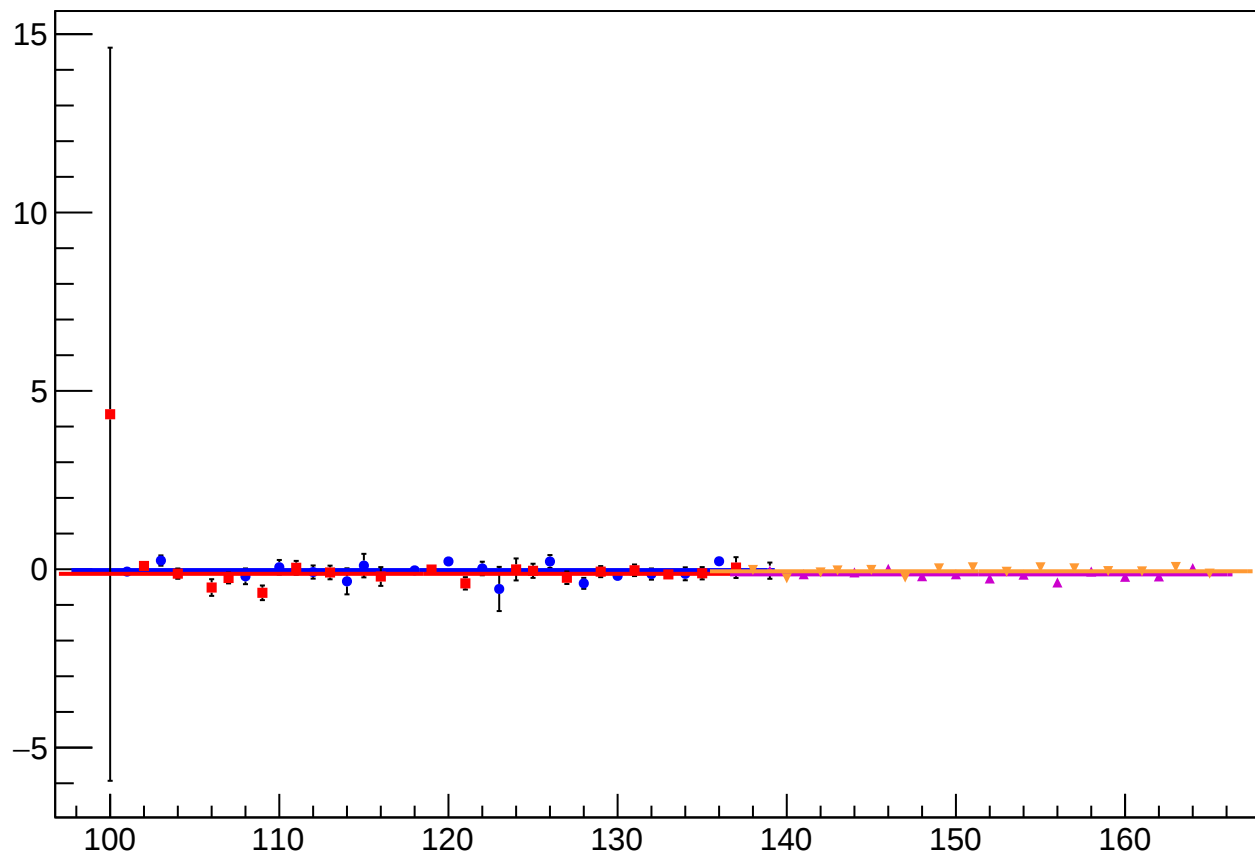
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.037 $\pm$ 0.040 χ^2 /NDF:13.2/12

Out: -0.034 $\pm$ 0.038 χ^2 /NDF:22.5/14

All: -0.036 $\pm$ 0.028 χ^2 /NDF: 35.7/27

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.037 χ^2/NDF : 22.4/16

Left Out: -0.057+/-0.027 χ^2/NDF : 15.5/14

Right Out: -0.129+/-0.039 χ^2/NDF : 18.8/18

Left In: -0.144+/-0.029 χ^2/NDF : 13.1/12

Left: -0.098+/-0.020 χ^2/NDF : 33.6/27

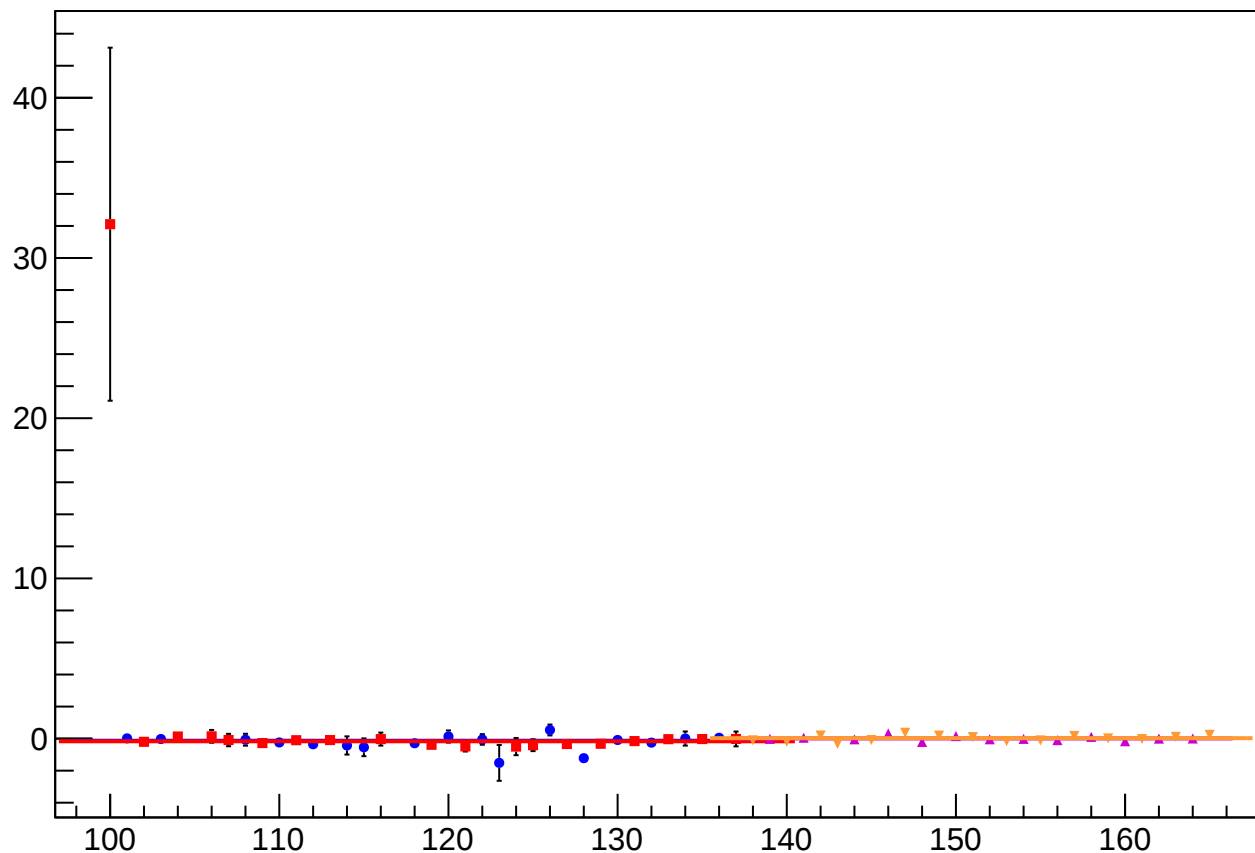
Right: -0.072+/-0.027 χ^2/NDF : 45.1/35

In: -0.098+/-0.022 χ^2/NDF : 42.3/29

Out: -0.080+/-0.022 χ^2/NDF : 36.6/33

All: -0.089+/-0.016 χ^2/NDF : 79.3/63

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.029 ± 0.038 $\chi^2/\text{NDF}: 22.1/14$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.011 ± 0.039 $\chi^2/\text{NDF}: 11.8/12$

Left: 0.020 ± 0.027 $\chi^2/\text{NDF}: 34.0/27$

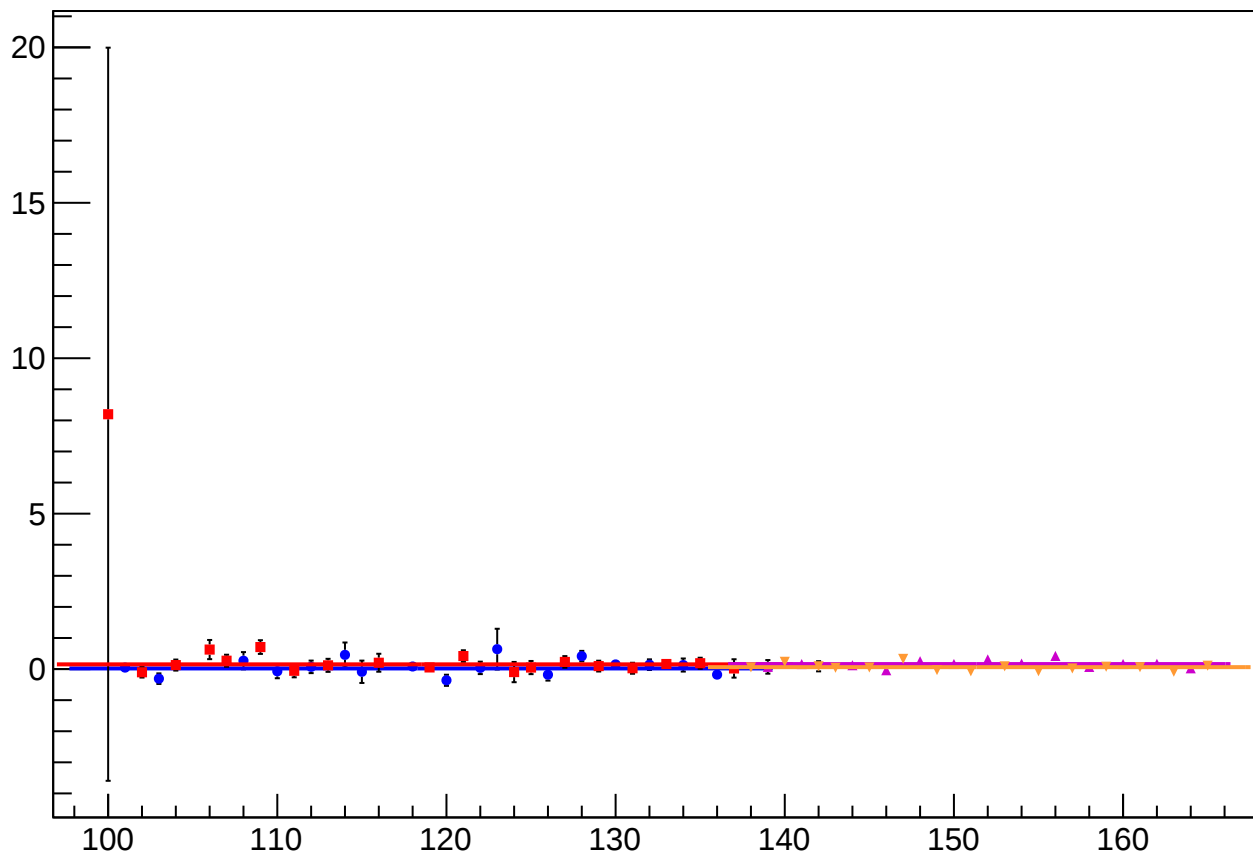
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.026 ± 0.034 $\chi^2/\text{NDF}: 41.0/29$

Out: -0.014 ± 0.033 $\chi^2/\text{NDF}: 42.7/33$

All: -0.020 ± 0.024 $\chi^2/\text{NDF}: 83.8/63$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.062+/-0.031 χ^2/NDF :14.8/14

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.161+/-0.033 χ^2/NDF :12.1/12

Left: 0.109+/-0.023 χ^2/NDF : 31.6/27

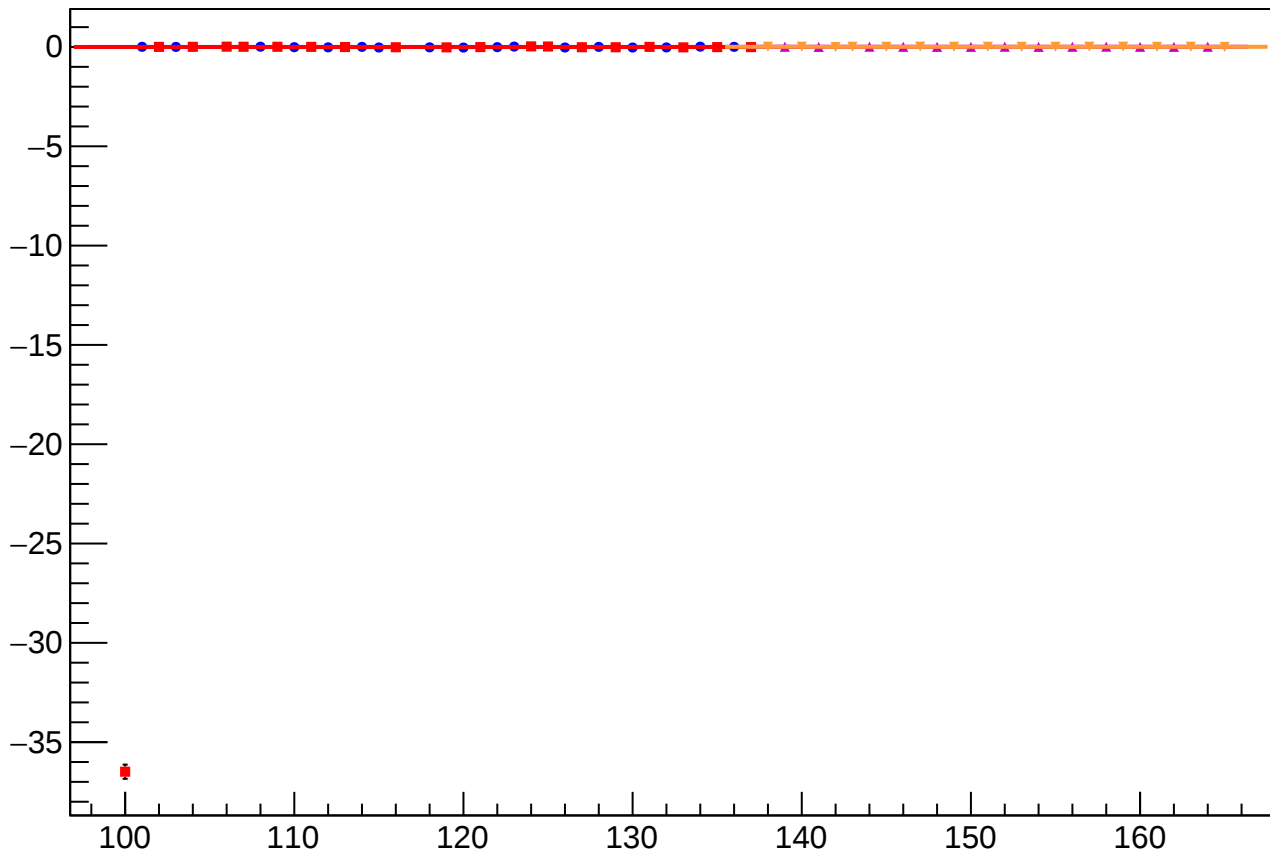
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.107+/-0.026 χ^2/NDF :40.7/29

Out: 0.091+/-0.026 χ^2/NDF :34.7/33

All: 0.099+/-0.018 χ^2/NDF : 75.7/63

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF: 8.8/14

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.7/12

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 14.7/27

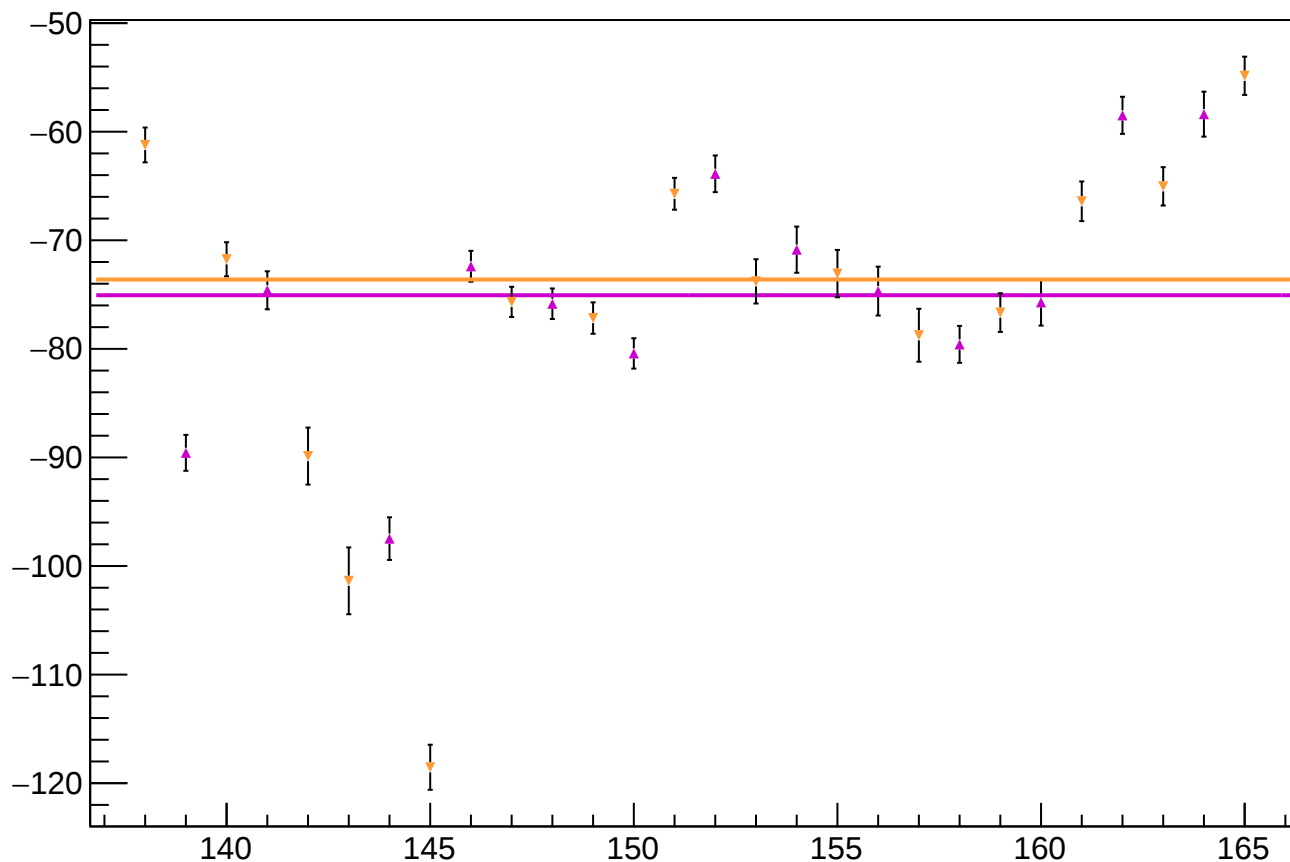
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 51.4/29

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10469.7/33

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10521.2/63

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



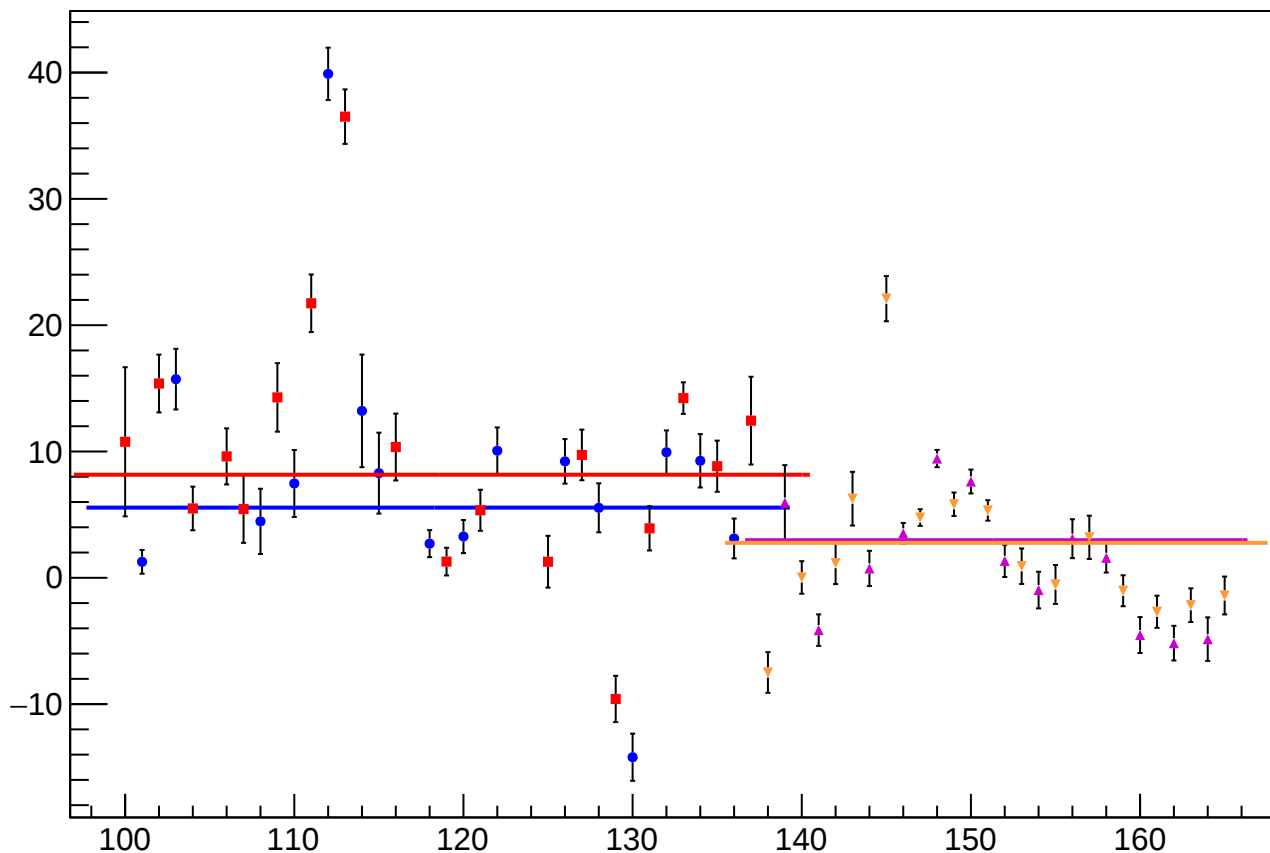
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -73.613+/-0.465 χ^2/NDF :846.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -75.062+/-0.478 χ^2/NDF :439.7/12

Left: -74.318+/-0.334 χ^2/NDF : 1291.3/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.062+/-0.478 χ^2/NDF :439.7/12
 Out: -73.613+/-0.465 χ^2/NDF :846.8/14

All: -74.318+/-0.334 χ^2/NDF : 1291.3/27

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557+/-0.424 χ^2/NDF : 462.0/15

Left Out: 2.768+/-0.310 χ^2/NDF :251.5/14

Right Out: 8.162+/-0.453 χ^2/NDF : 407.0/17

Left In: 2.975+/-0.323 χ^2/NDF :244.9/12

Left: 2.867+/-0.223 χ^2/NDF : 496.6/27

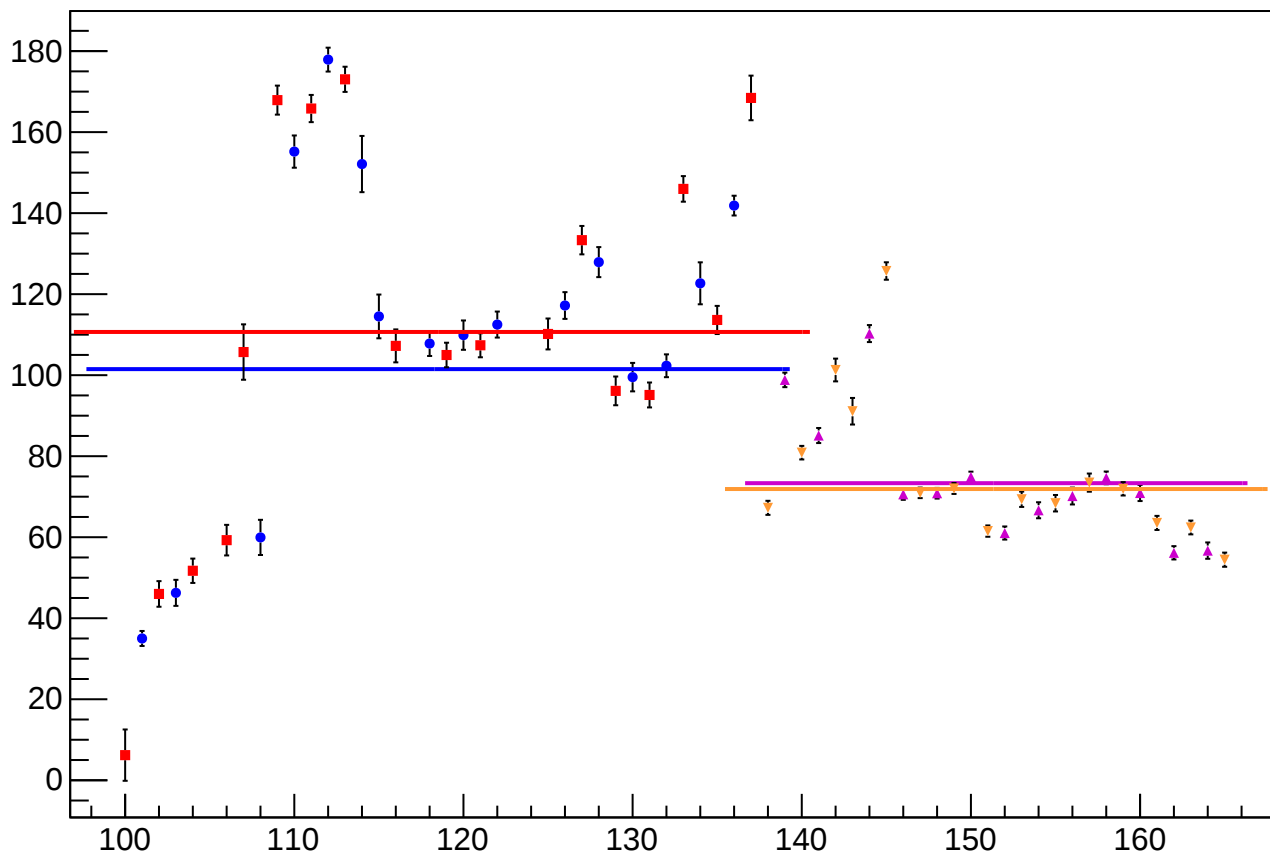
Right: 6.774+/-0.310 χ^2/NDF : 886.6/33

In: 3.921+/-0.257 χ^2/NDF :730.4/28

Out: 4.485+/-0.256 χ^2/NDF :755.1/32

All: 4.204+/-0.181 χ^2/NDF : 1487.9/61

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: 71.896 $\pm$ 0.454 χ^2/NDF :1018.1/14

Right Out: 110.670 $\pm$ 0.836 χ^2/NDF : 2513.7/17

Left In: 73.342 $\pm$ 0.463 χ^2/NDF :811.7/12

Left: 72.605 $\pm$ 0.324 χ^2/NDF : 1834.8/27

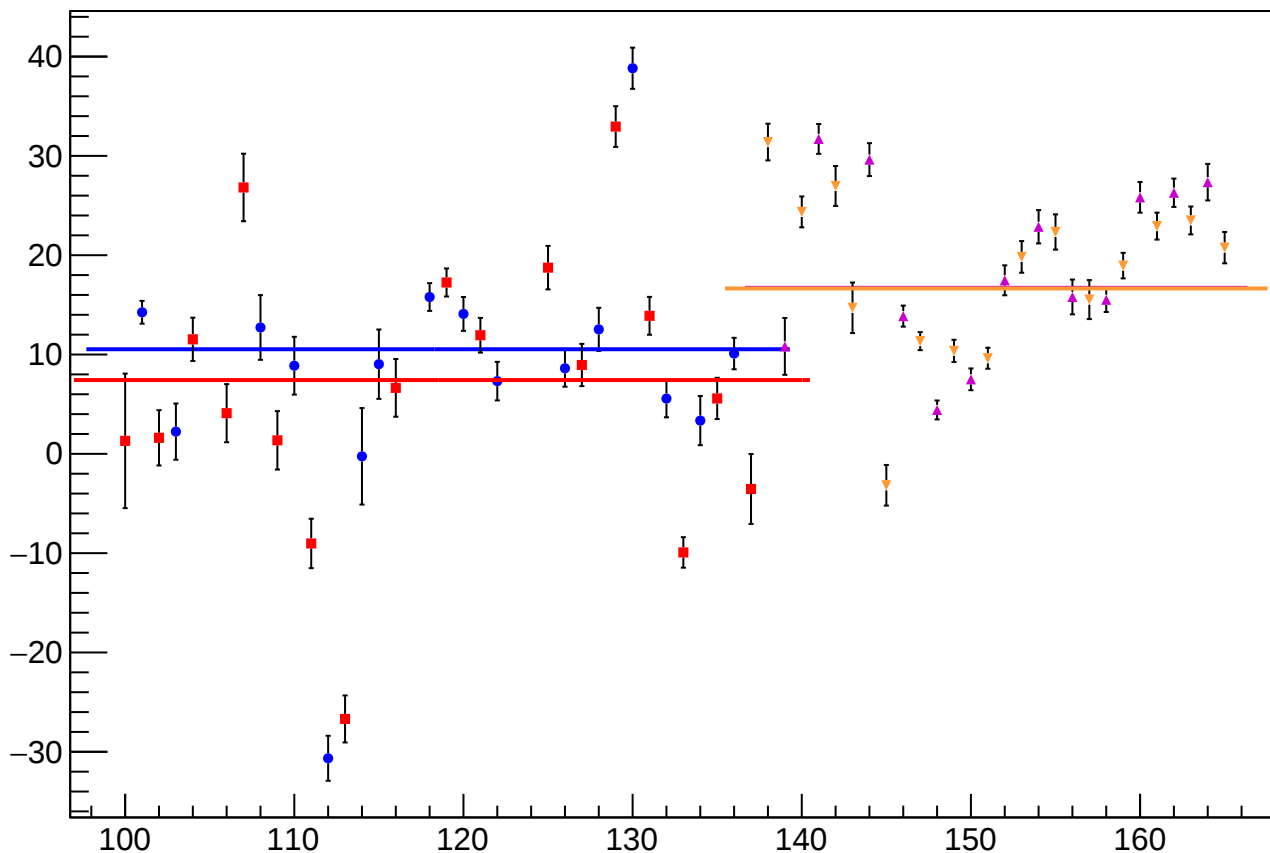
Right: 105.929 $\pm$ 0.581 χ^2/NDF : 5549.0/33

In: 80.293 $\pm$ 0.402 χ^2/NDF :4698.4/28

Out: 80.715 $\pm$ 0.399 χ^2/NDF :5194.3/32

All: 80.505 $\pm$ 0.283 χ^2/NDF : 9893.3/61

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 16.651 $\pm$ 0.371 χ^2 /NDF: 388.6/14

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 16.716 $\pm$ 0.385 χ^2 /NDF: 537.2/12

Left: 16.682 $\pm$ 0.267 χ^2 /NDF: 925.8/27

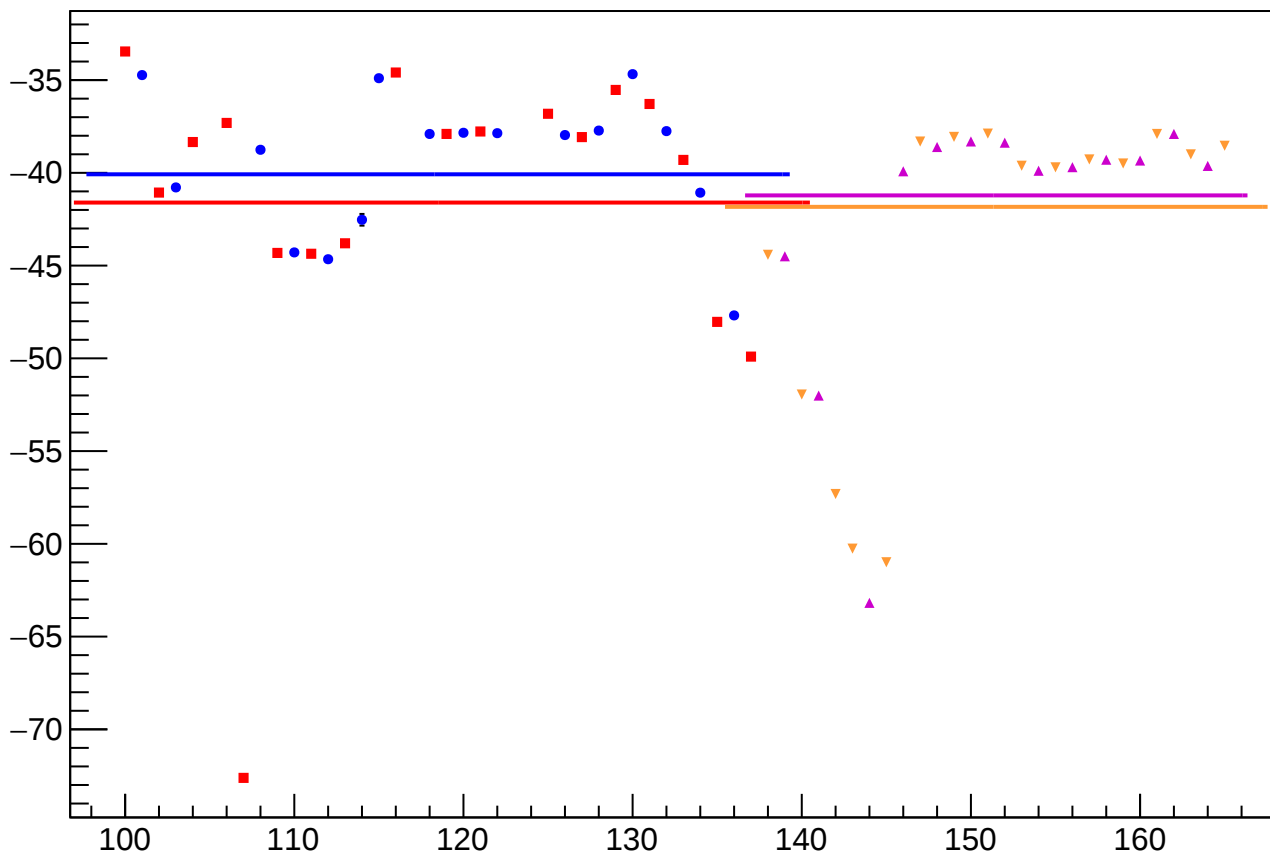
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.372 $\pm$ 0.303 χ^2 /NDF: 1215.3/28

Out: 13.571 $\pm$ 0.303 χ^2 /NDF: 1281.1/32

All: 13.971 $\pm$ 0.214 χ^2 /NDF: 2499.9/61

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -41.833 ± 0.018 $\chi^2/\text{NDF}: 133041.4/14$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -41.216 ± 0.018 $\chi^2/\text{NDF}: 92973.9/12$

Left: -41.528 ± 0.013 $\chi^2/\text{NDF}: 226586.3/27$

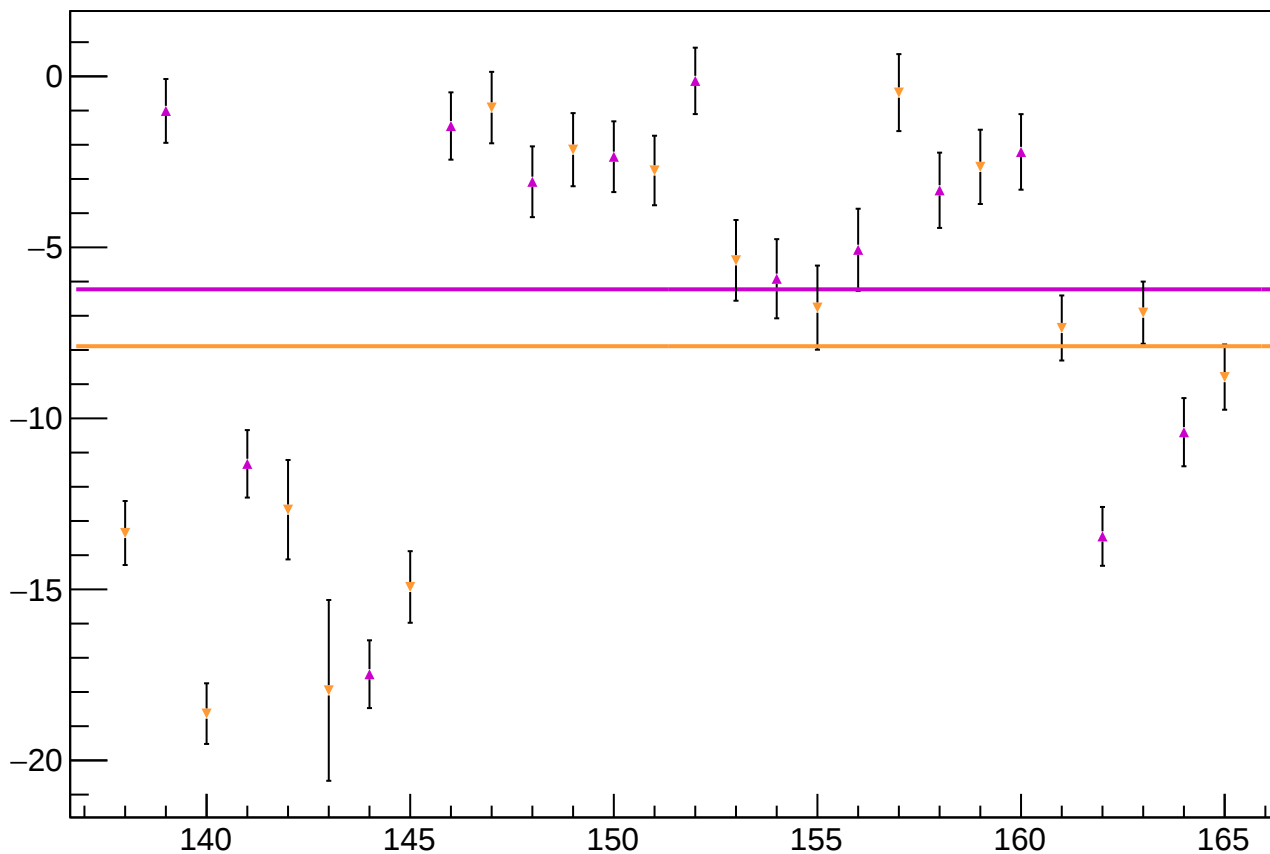
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -40.878 ± 0.015 $\chi^2/\text{NDF}: 119262.4/28$

Out: -41.767 ± 0.015 $\chi^2/\text{NDF}: 194944.2/32$

All: -41.324 ± 0.011 $\chi^2/\text{NDF}: 315880.7/61$

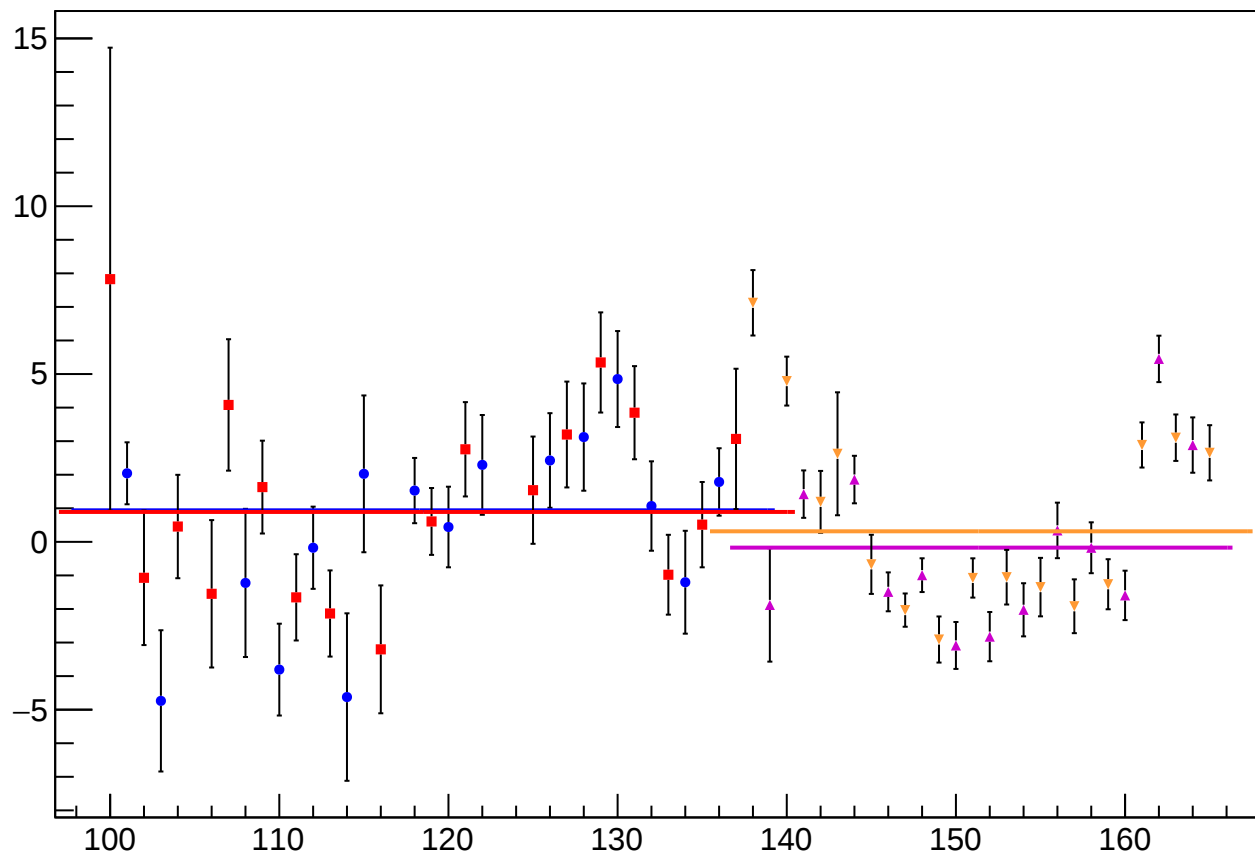
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.890 $\pm$ 0.276 χ^2 /NDF:424.9/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.227 $\pm$ 0.282 χ^2 /NDF:382.3/12

Left: -7.076 $\pm$ 0.197 χ^2 /NDF: 825.1/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.227 $\pm$ 0.282 χ^2 /NDF:382.3/12
 Out: -7.890 $\pm$ 0.276 χ^2 /NDF:424.9/14
 All: -7.076 $\pm$ 0.197 χ^2 /NDF: 825.1/27

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: 0.314 ± 0.193 $\chi^2/\text{NDF}: 198.0/14$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.172 ± 0.198 $\chi^2/\text{NDF}: 142.0/12$

Left: 0.078 ± 0.138 $\chi^2/\text{NDF}: 343.1/27$

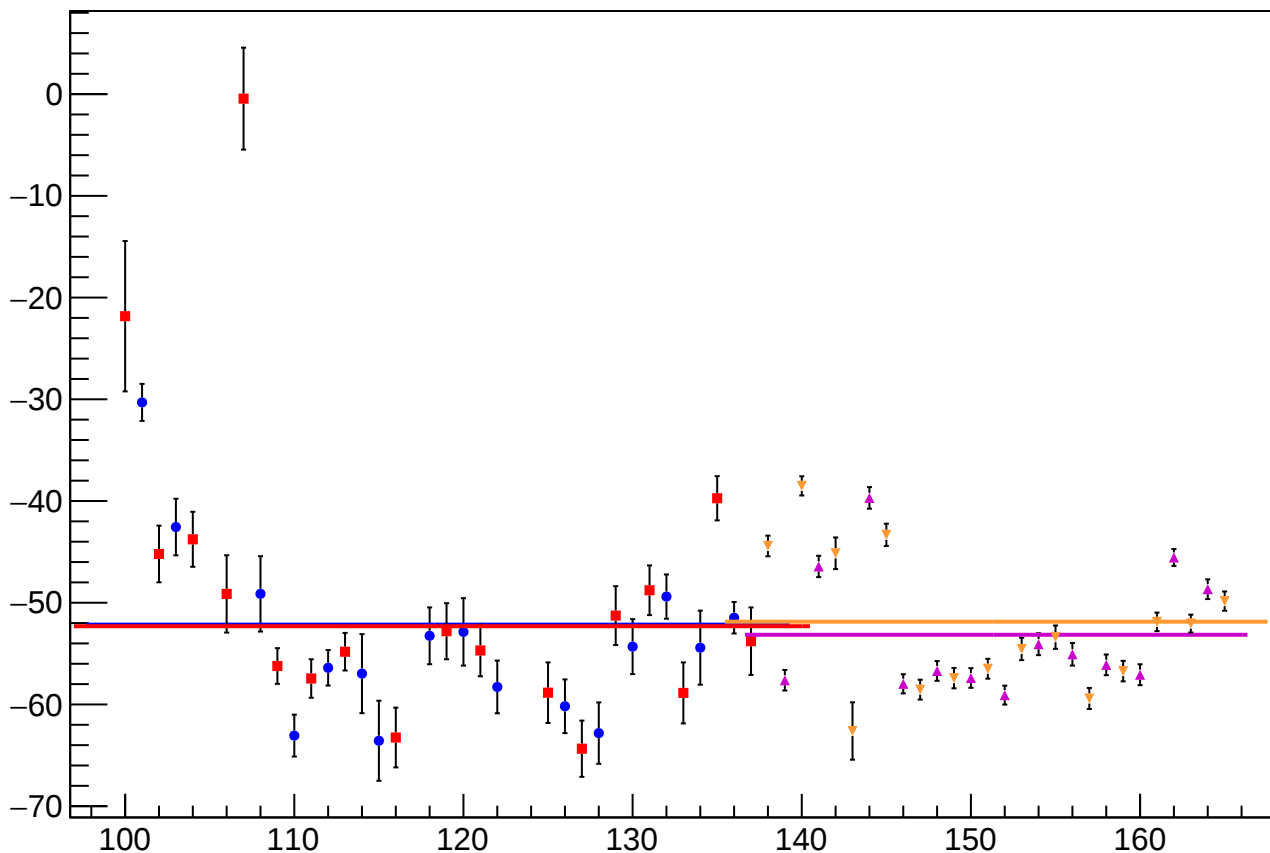
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.112 ± 0.171 $\chi^2/\text{NDF}: 192.2/28$

Out: 0.447 ± 0.170 $\chi^2/\text{NDF}: 241.6/32$

All: 0.281 ± 0.120 $\chi^2/\text{NDF}: 435.8/61$

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: -51.862+/-0.270 χ^2/NDF : 536.3/14

Right Out: -52.310+/-0.616 χ^2/NDF : 234.8/17

Left In: -53.151+/-0.274 χ^2/NDF : 453.5/12

Left: -52.497+/-0.192 χ^2/NDF : 1001.0/27

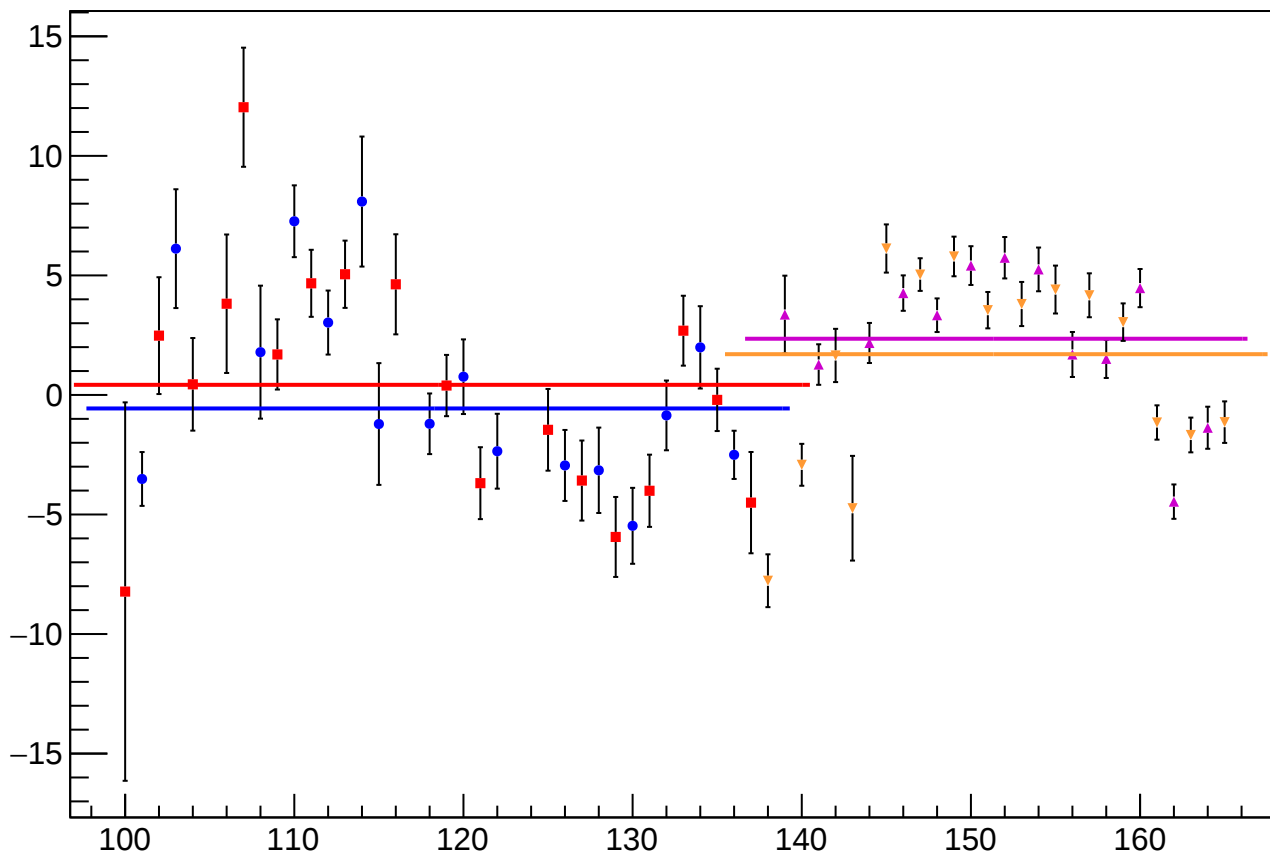
Right: -52.232+/-0.434 χ^2/NDF : 465.9/33

In: -52.984+/-0.250 χ^2/NDF : 686.8/28

Out: -51.934+/-0.247 χ^2/NDF : 771.6/32

All: -52.453+/-0.176 χ^2/NDF : 1467.2/61

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.705 ± 0.226 χ^2/NDF : 254.0/14

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 2.351 ± 0.232 χ^2/NDF : 166.6/12

Left: 2.019 ± 0.162 χ^2/NDF : 424.5/27

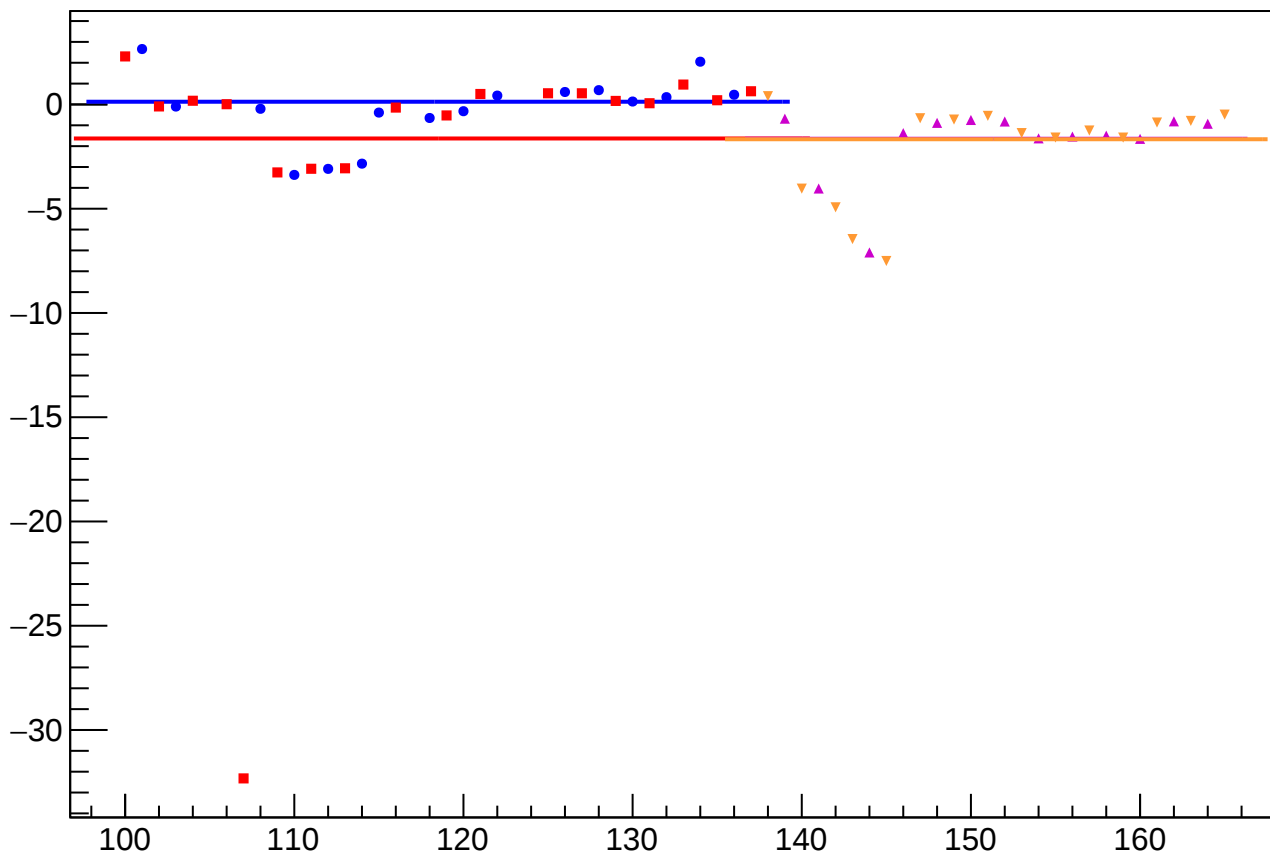
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.572 ± 0.199 χ^2/NDF : 290.6/28

Out: 1.394 ± 0.197 χ^2/NDF : 357.1/32

All: 1.483 ± 0.140 χ^2/NDF : 648.1/61

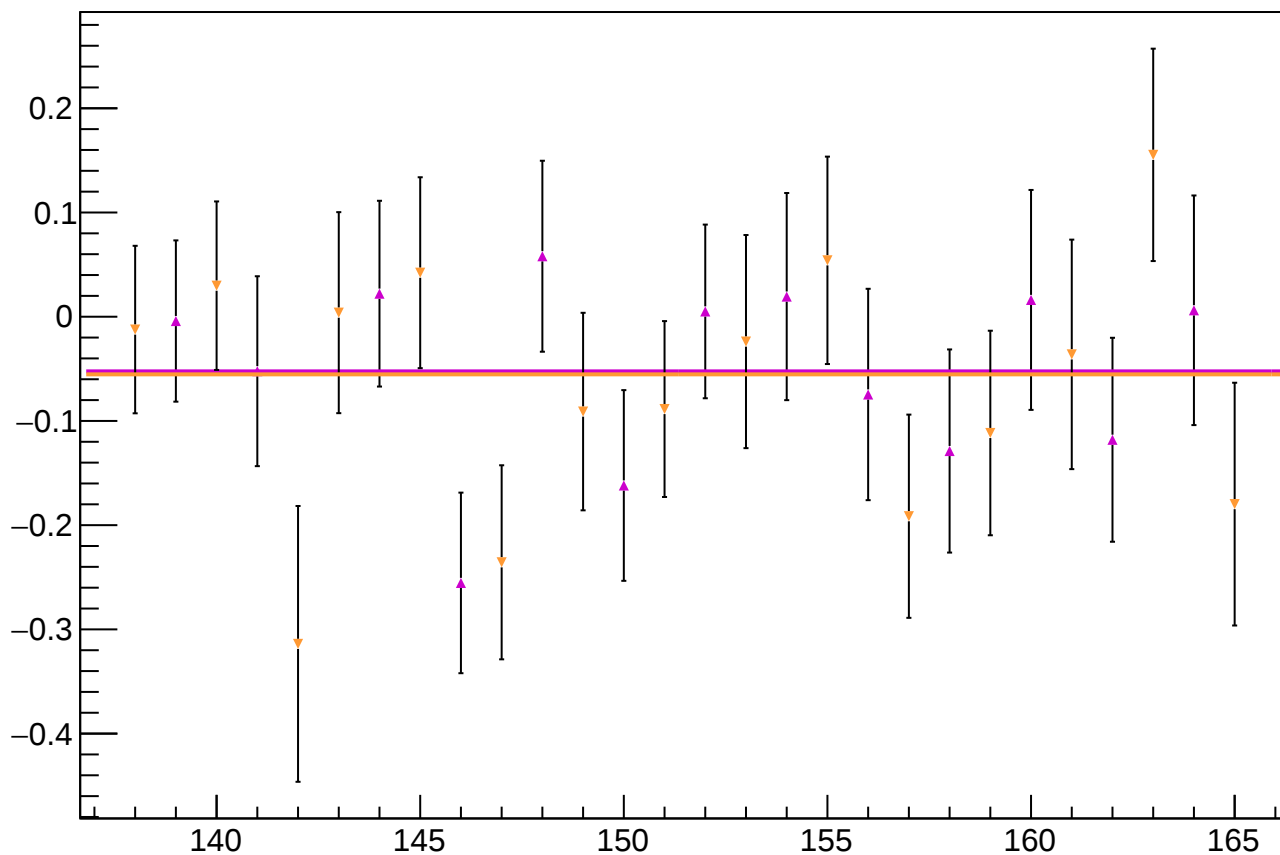
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.668 ± 0.011 $\chi^2/\text{NDF}: 32793.5/14$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.645 ± 0.011 $\chi^2/\text{NDF}: 20107.9/12$

Left: -1.657 ± 0.008 $\chi^2/\text{NDF}: 52903.8/27$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.291 ± 0.010 $\chi^2/\text{NDF}: 30791.1/28$
 Out: -1.661 ± 0.010 $\chi^2/\text{NDF}: 110670.1/32$
 All: -1.477 ± 0.007 $\chi^2/\text{NDF}: 142209.5/61$

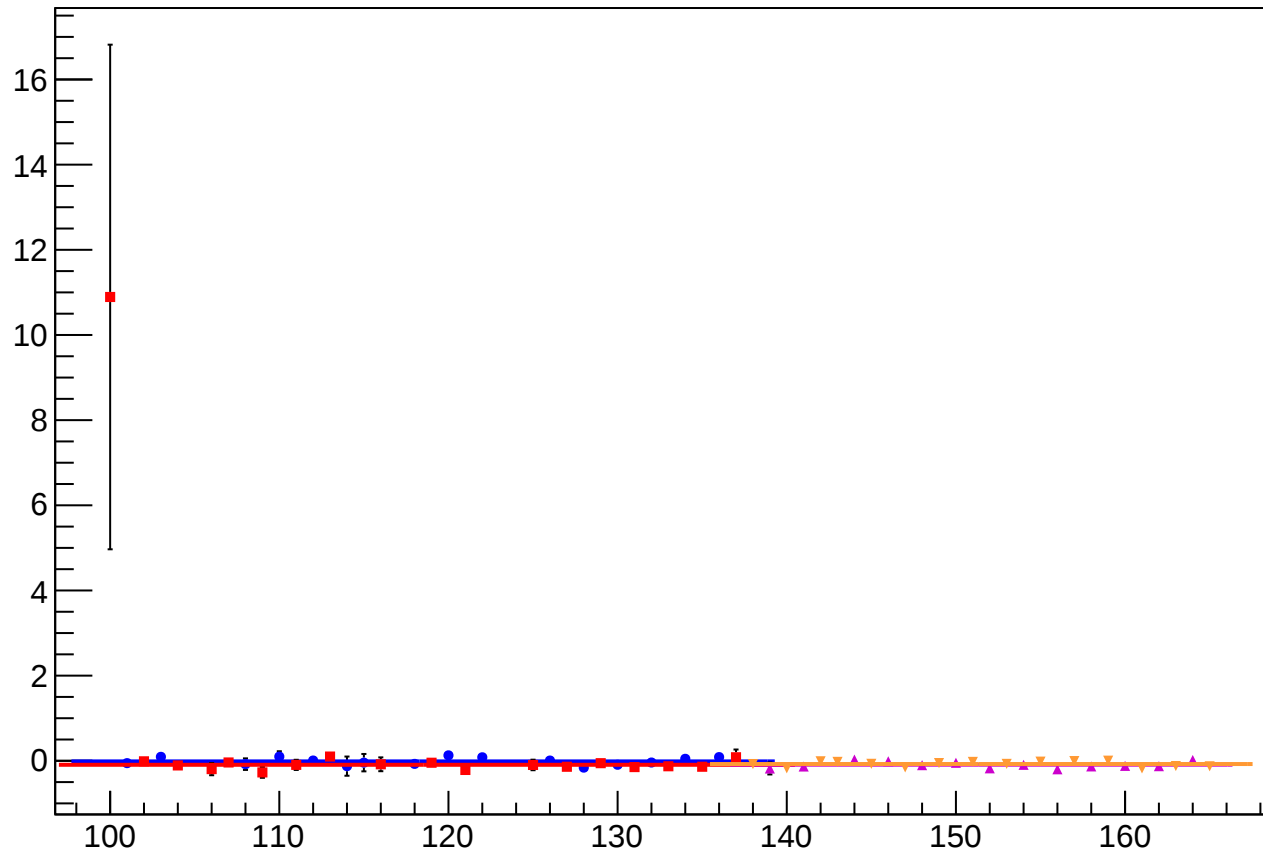
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.055 $\pm$ 0.025 χ^2 /NDF:19.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.052 $\pm$ 0.026 χ^2 /NDF:12.3/12

Left: -0.054 $\pm$ 0.018 χ^2 /NDF: 32.1/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.052 $\pm$ 0.026 χ^2 /NDF:12.3/12
 Out: -0.055 $\pm$ 0.025 χ^2 /NDF:19.8/14
 All: -0.054 $\pm$ 0.018 χ^2 /NDF: 32.1/27

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: -0.076 ± 0.017 χ^2/NDF : 13.3/14

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.091 ± 0.018 χ^2/NDF : 13.8/12

Left: -0.083 ± 0.012 χ^2/NDF : 27.4/27

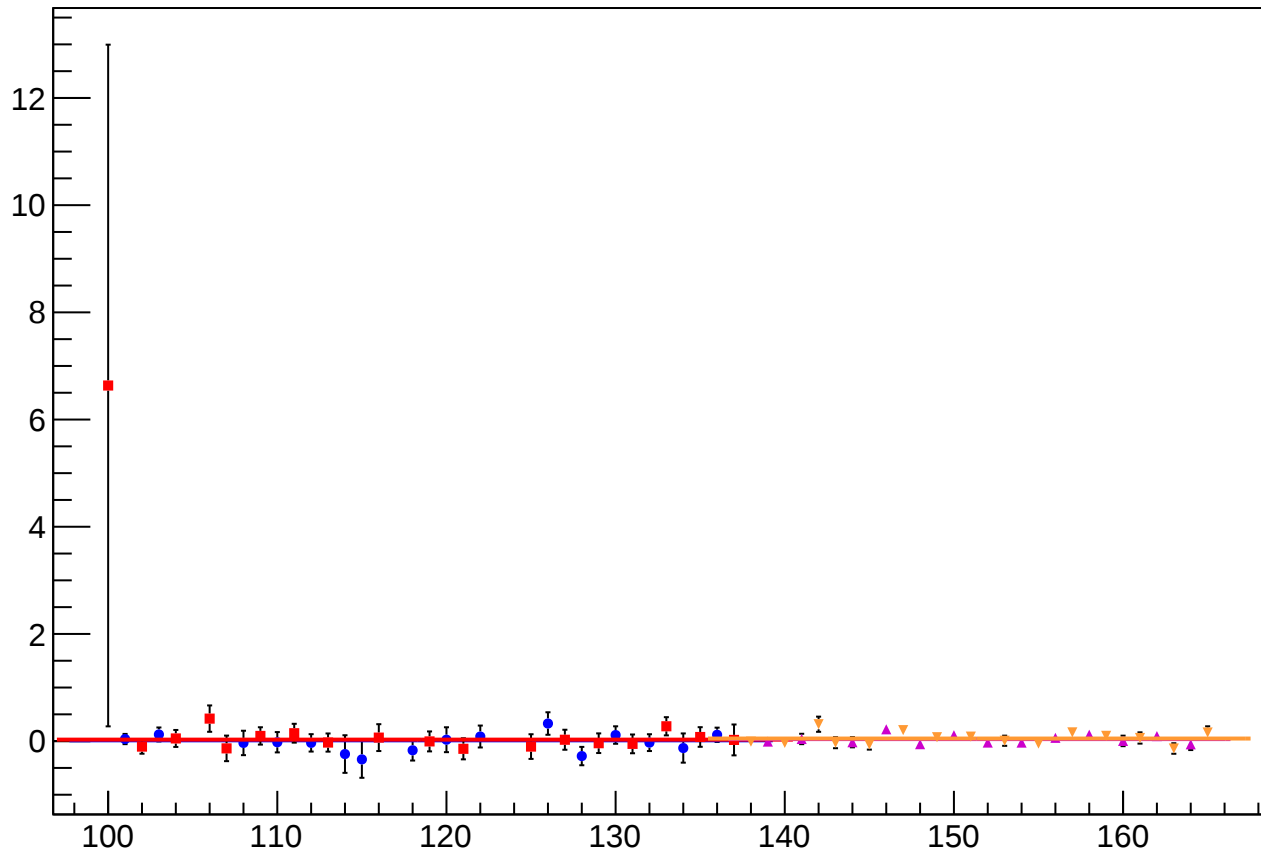
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.062 ± 0.014 χ^2/NDF : 33.0/28

Out: -0.082 ± 0.014 χ^2/NDF : 27.2/32

All: -0.072 ± 0.010 χ^2/NDF : 61.2/61

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: 0.048+/-0.024 χ^2/NDF :18.0/14

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.038+/-0.025 χ^2/NDF :10.8/12

Left: 0.043+/-0.018 χ^2/NDF : 28.9/27

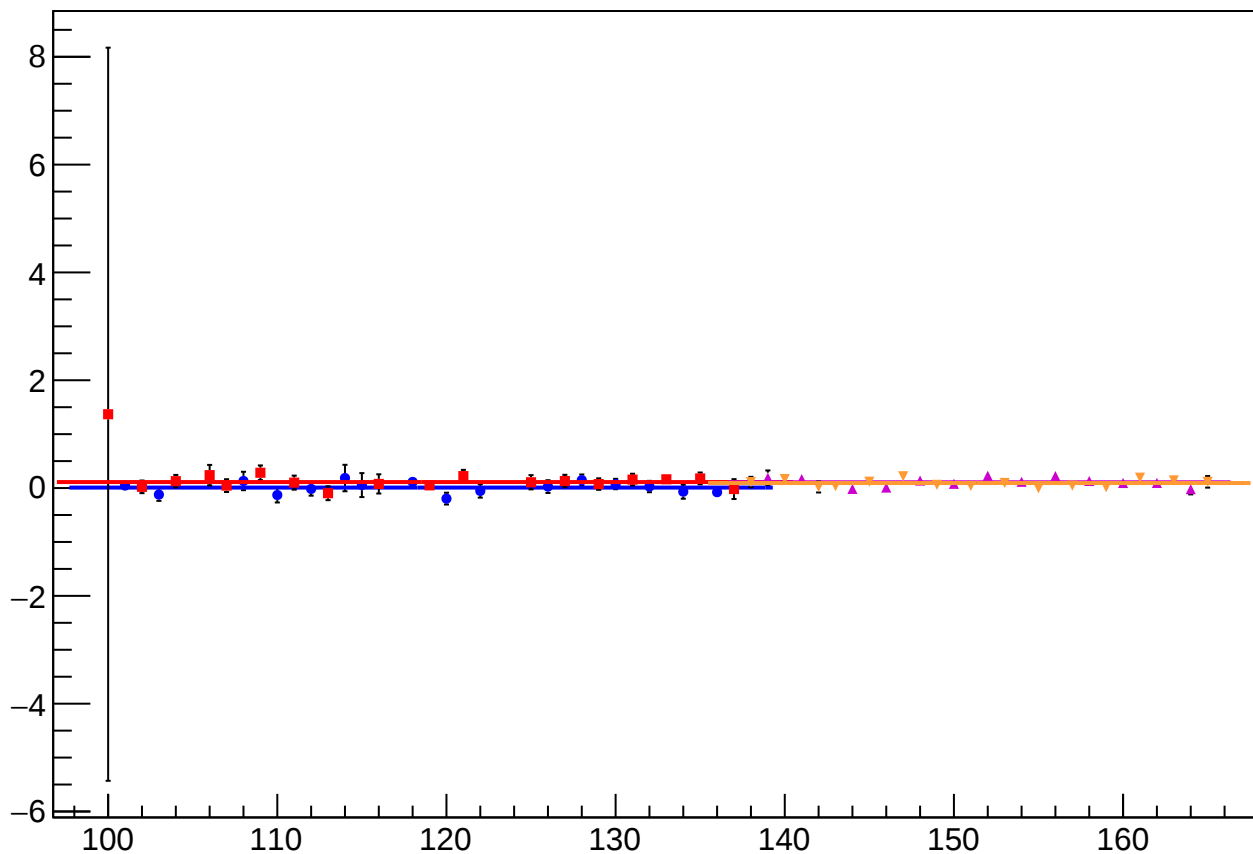
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.032+/-0.022 χ^2/NDF :21.1/28

Out: 0.044+/-0.021 χ^2/NDF :27.7/32

All: 0.038+/-0.015 χ^2/NDF : 48.9/61

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.093 $\pm$ 0.020 χ^2 /NDF:12.1/14

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.108 $\pm$ 0.021 χ^2 /NDF:12.9/12

Left: 0.100 $\pm$ 0.015 χ^2 /NDF: 25.2/27

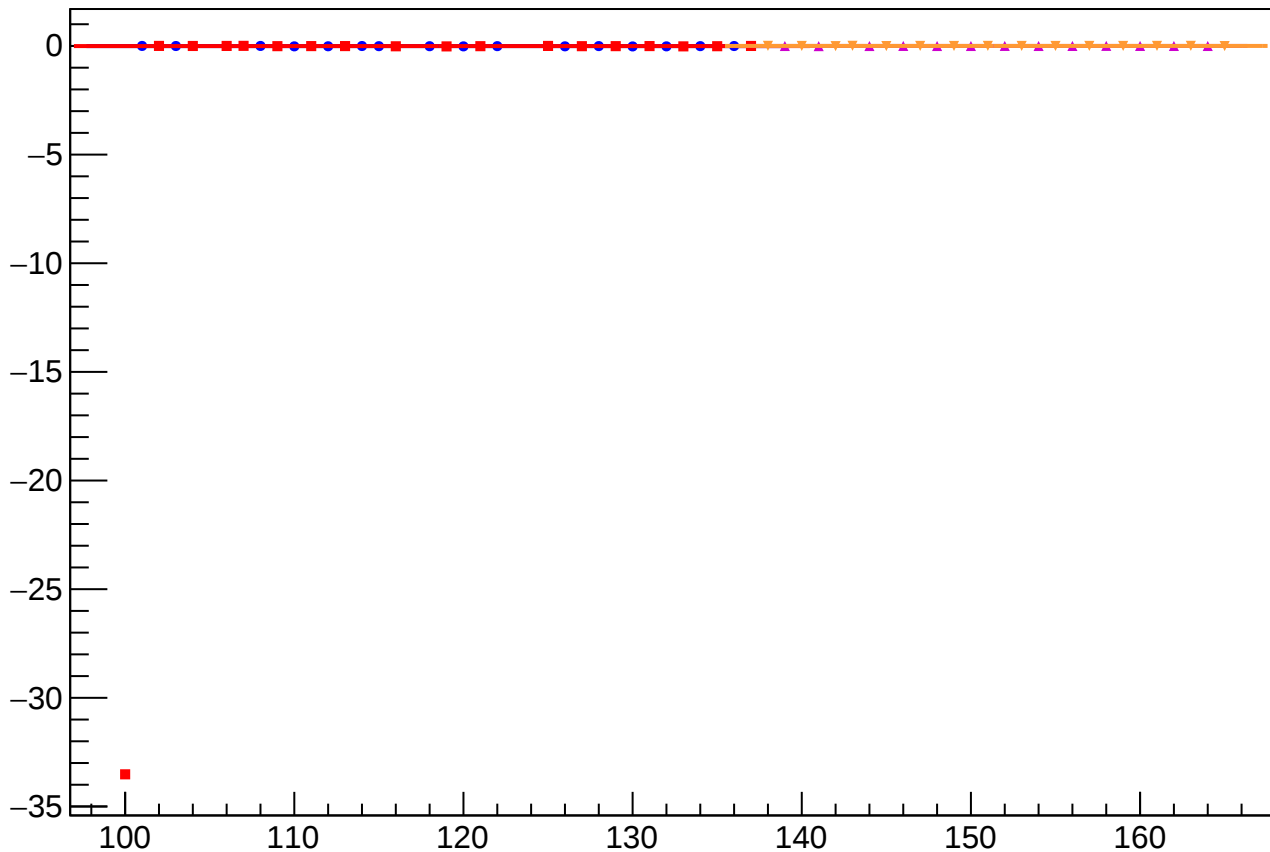
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.069 $\pm$ 0.017 χ^2 /NDF:33.8/28

Out: 0.099 $\pm$ 0.017 χ^2 /NDF:21.0/32

All: 0.084 $\pm$ 0.012 χ^2 /NDF: 56.3/61

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.002 ± 0.001 χ^2/NDF : 12.2/14

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 7.4/12

Left: 0.001 ± 0.001 χ^2/NDF : 20.5/27

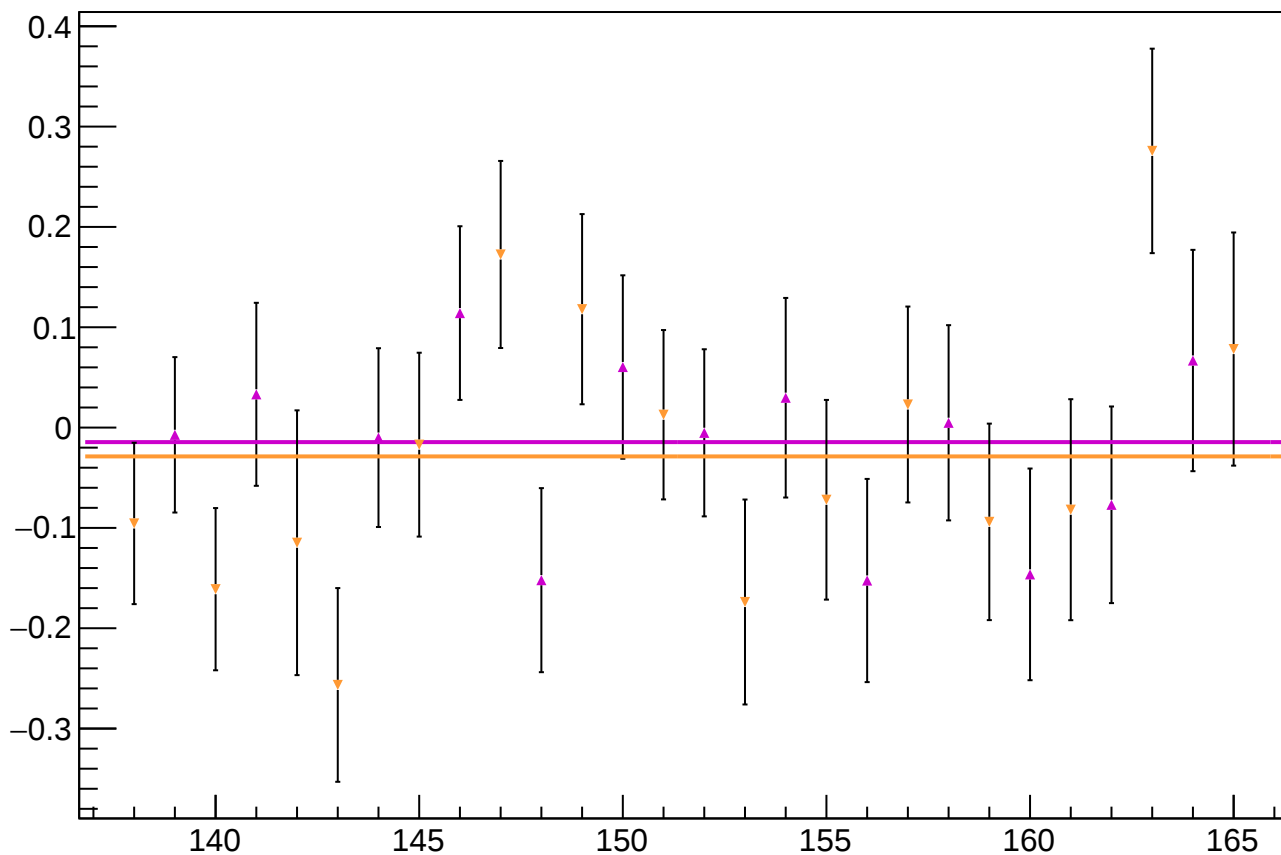
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 40.2/28

Out: -0.001 ± 0.001 χ^2/NDF : 26539.2/32

All: -0.001 ± 0.001 χ^2/NDF : 26580.0/61

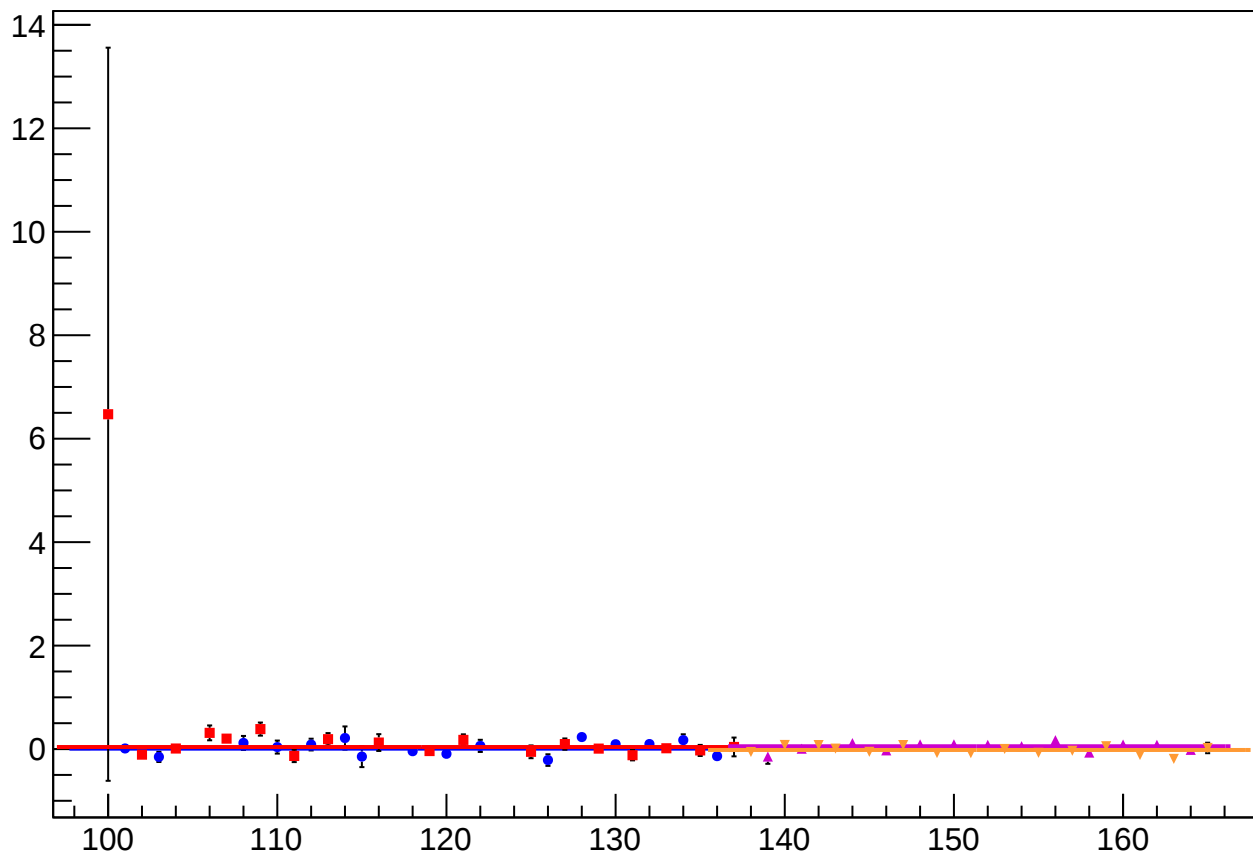
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.029 $\pm$ 0.025 χ^2 /NDF:29.6/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.014 $\pm$ 0.026 χ^2 /NDF:10.0/12

Left: -0.022 $\pm$ 0.018 χ^2 /NDF: 39.8/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.014 $\pm$ 0.026 χ^2 /NDF:10.0/12
 Out: -0.029 $\pm$ 0.025 χ^2 /NDF:29.6/14
 All: -0.022 $\pm$ 0.018 χ^2 /NDF: 39.8/27

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: -0.018 $\pm$ 0.017 χ^2 /NDF:19.7/14

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.054 $\pm$ 0.018 χ^2 /NDF:14.2/12

Left: 0.016 $\pm$ 0.012 χ^2 /NDF: 42.1/27

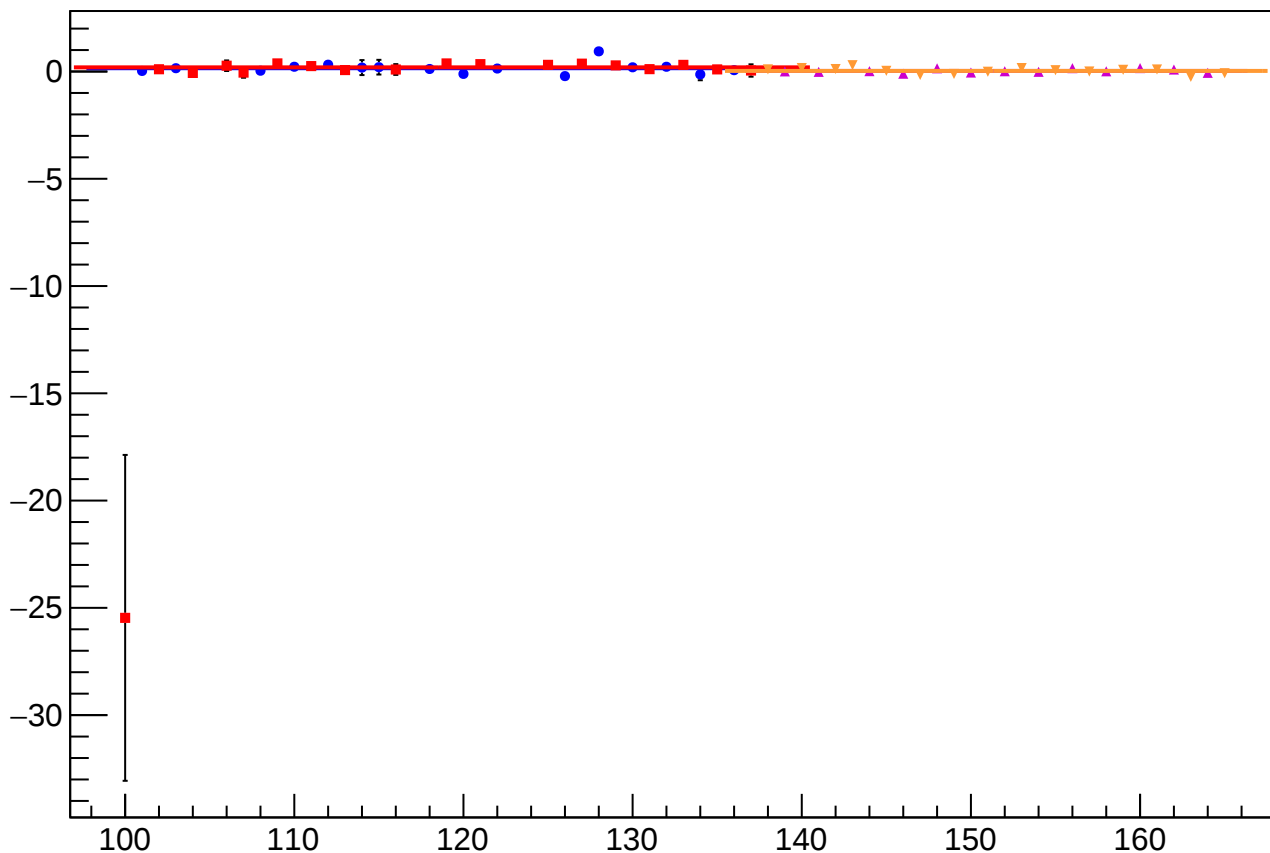
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.037 $\pm$ 0.014 χ^2 /NDF:40.3/28

Out: 0.001 $\pm$ 0.014 χ^2 /NDF:51.7/32

All: 0.019 $\pm$ 0.010 χ^2 /NDF: 95.1/61

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: 0.028+/-0.024 χ^2/NDF : 29.4/14

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.026+/-0.025 χ^2/NDF : 10.6/12

Left: 0.027+/-0.018 χ^2/NDF : 40.0/27

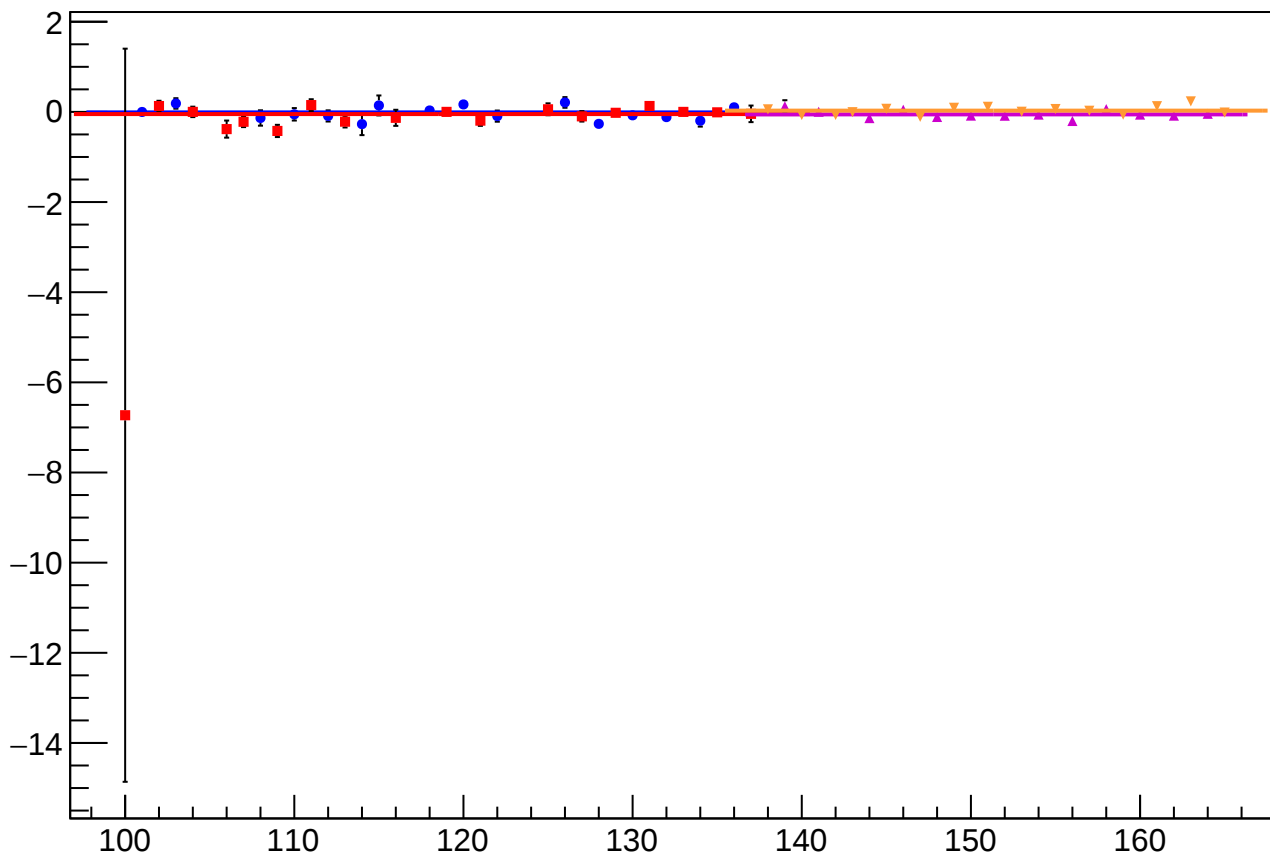
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.058+/-0.022 χ^2/NDF : 47.8/28

Out: 0.065+/-0.021 χ^2/NDF : 61.8/32

All: 0.062+/-0.015 χ^2/NDF : 109.6/61

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.028 ± 0.020 χ^2/NDF : 20.3/14

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.055 ± 0.021 χ^2/NDF : 13.4/12

Left: -0.012 ± 0.015 χ^2/NDF : 41.8/27

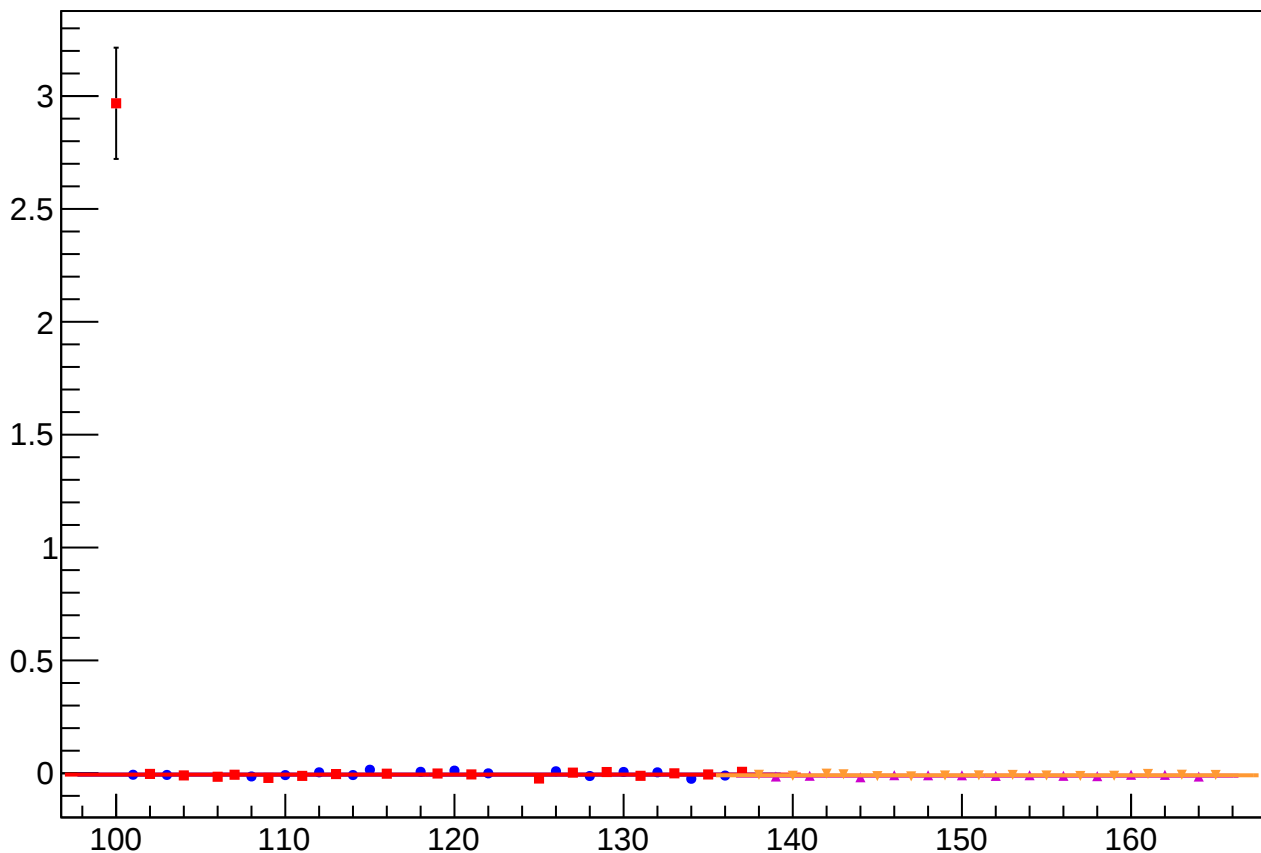
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.038 ± 0.017 χ^2/NDF : 38.5/28

Out: 0.002 ± 0.017 χ^2/NDF : 51.3/32

All: -0.018 ± 0.012 χ^2/NDF : 92.8/61

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 10.4/14

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.011 ± 0.001 χ^2/NDF : 9.1/12

Left: -0.010 ± 0.001 χ^2/NDF : 21.4/27

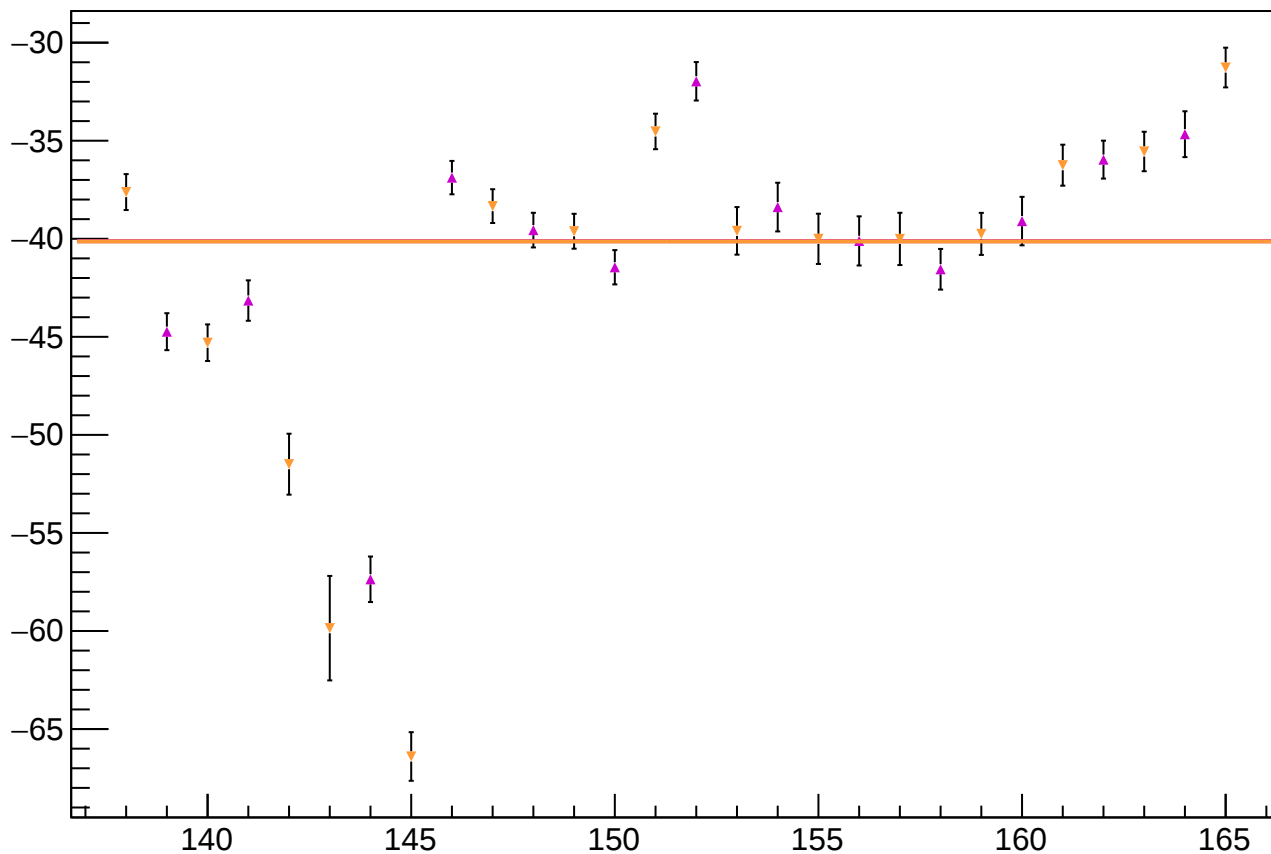
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 45.6/28

Out: -0.008 ± 0.001 χ^2/NDF : 178.7/32

All: -0.009 ± 0.001 χ^2/NDF : 225.5/61

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.136+/-0.278 χ^2/NDF : 750.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.123+/-0.283 χ^2/NDF : 384.6/12

Left: -40.129+/-0.198 χ^2/NDF : 1134.6/27

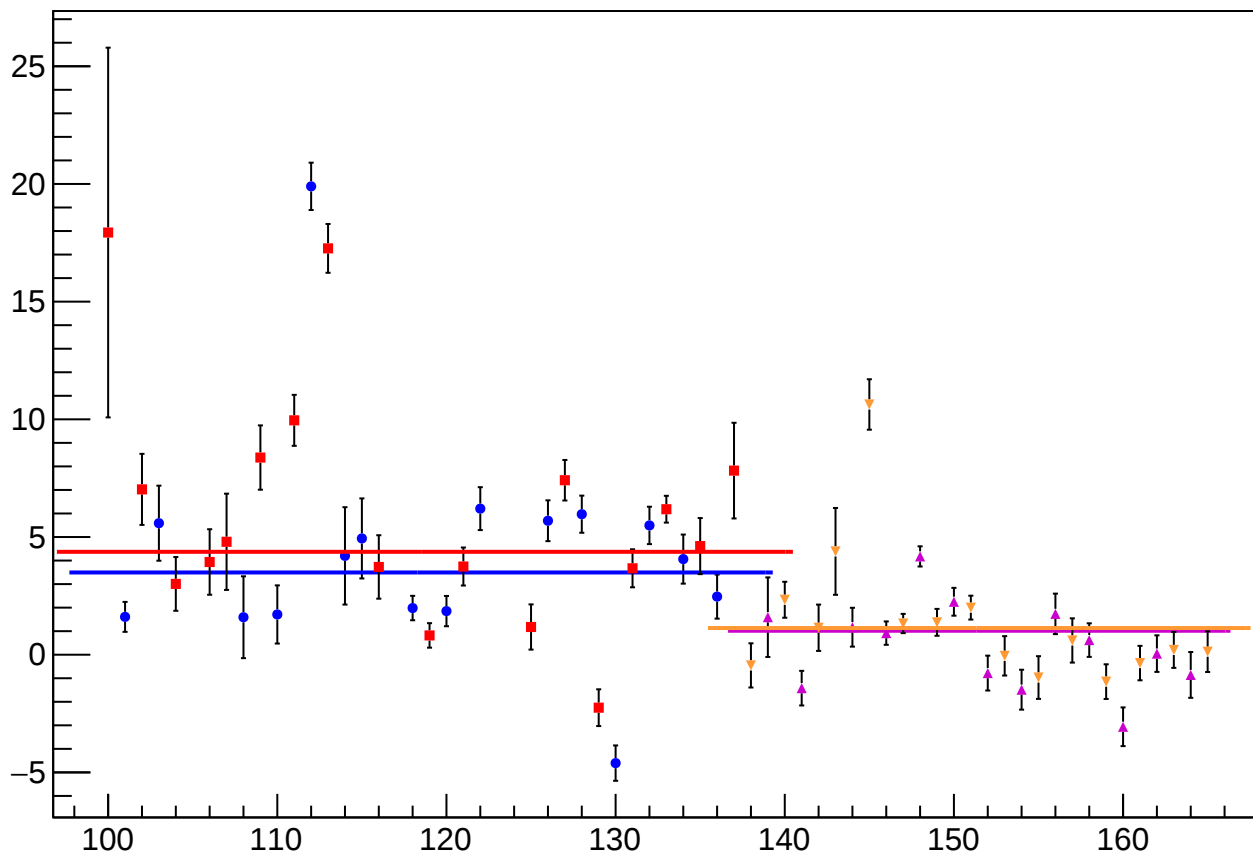
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.123+/-0.283 χ^2/NDF : 384.6/12

Out: -40.136+/-0.278 χ^2/NDF : 750.0/14

All: -40.129+/-0.198 χ^2/NDF : 1134.6/27

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.133 ± 0.187 $\chi^2/\text{NDF}: 114.6/14$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 1.018 ± 0.193 $\chi^2/\text{NDF}: 115.3/12$

Left: 1.077 ± 0.135 $\chi^2/\text{NDF}: 230.0/27$

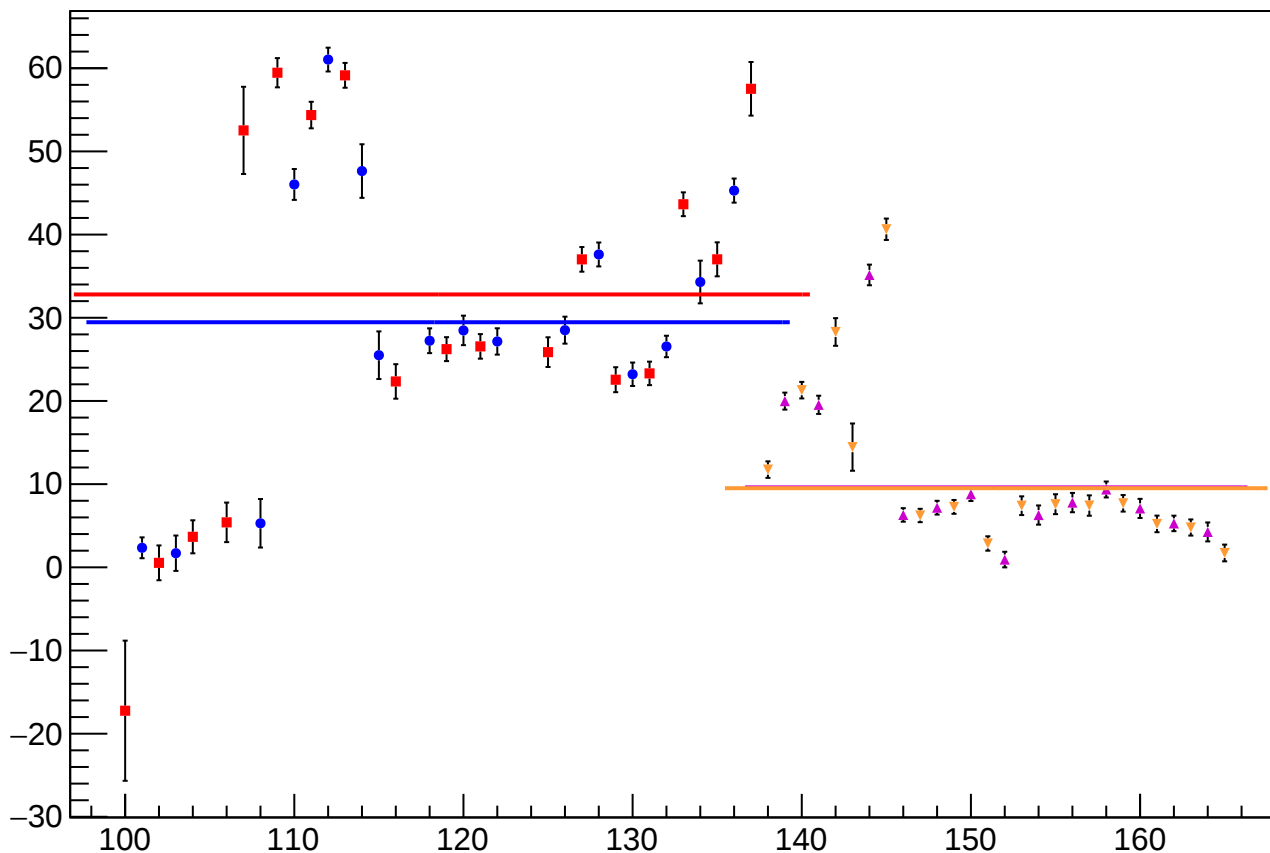
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.110 ± 0.145 $\chi^2/\text{NDF}: 632.5/28$

Out: 2.456 ± 0.144 $\chi^2/\text{NDF}: 590.7/32$

All: 2.284 ± 0.102 $\chi^2/\text{NDF}: 1226.1/61$

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: 9.510 $\pm$ 0.271 χ^2 /NDF:1059.3/14

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 9.612 $\pm$ 0.274 χ^2 /NDF:780.0/12

Left: 9.560 $\pm$ 0.193 χ^2 /NDF: 1839.3/27

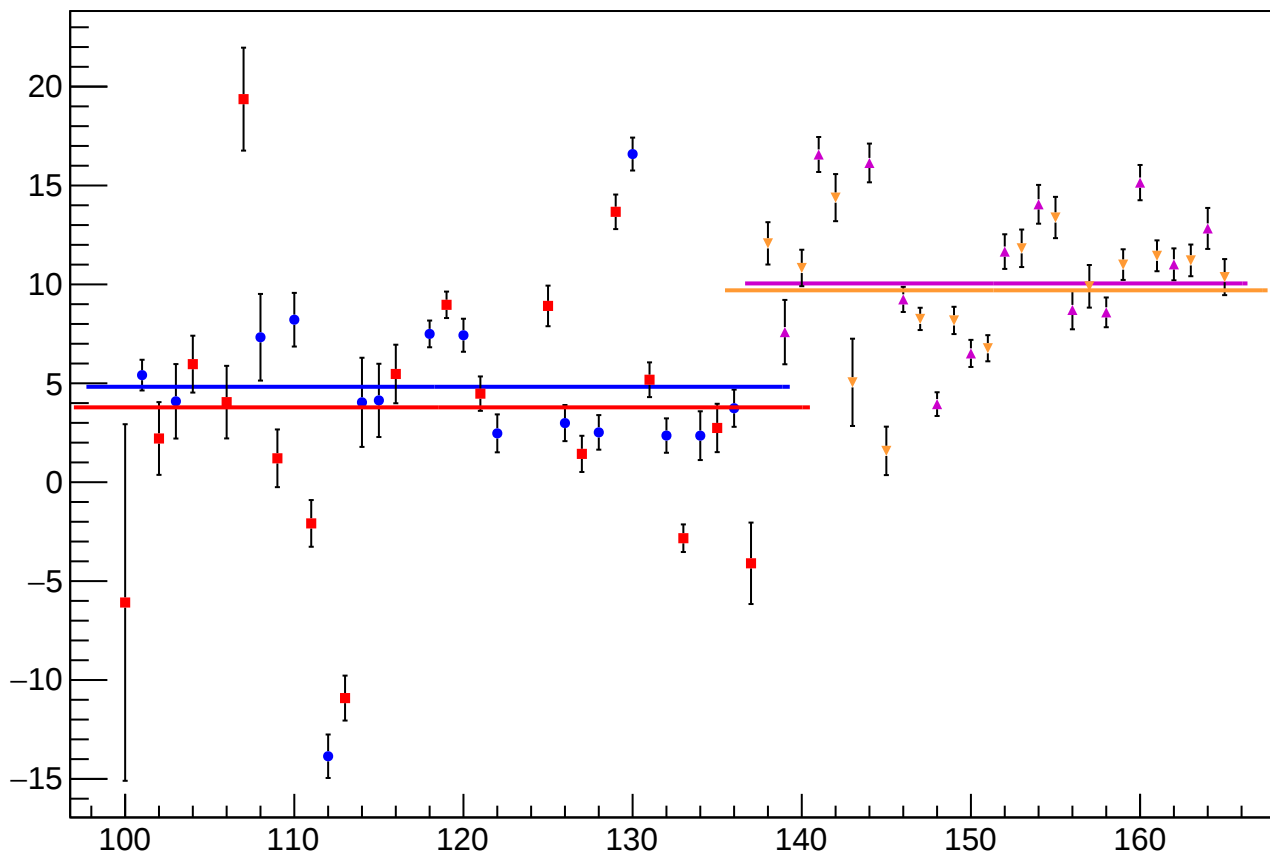
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 15.594 $\pm$ 0.229 χ^2 /NDF:3850.9/28

Out: 16.274 $\pm$ 0.228 χ^2 /NDF:4871.3/32

All: 15.936 $\pm$ 0.162 χ^2 /NDF: 8726.6/61

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.701 $\pm$ 0.223 χ^2 /NDF:130.8/14

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 10.049 $\pm$ 0.230 χ^2 /NDF:294.1/12

Left: 9.870 $\pm$ 0.160 χ^2 /NDF: 426.1/27

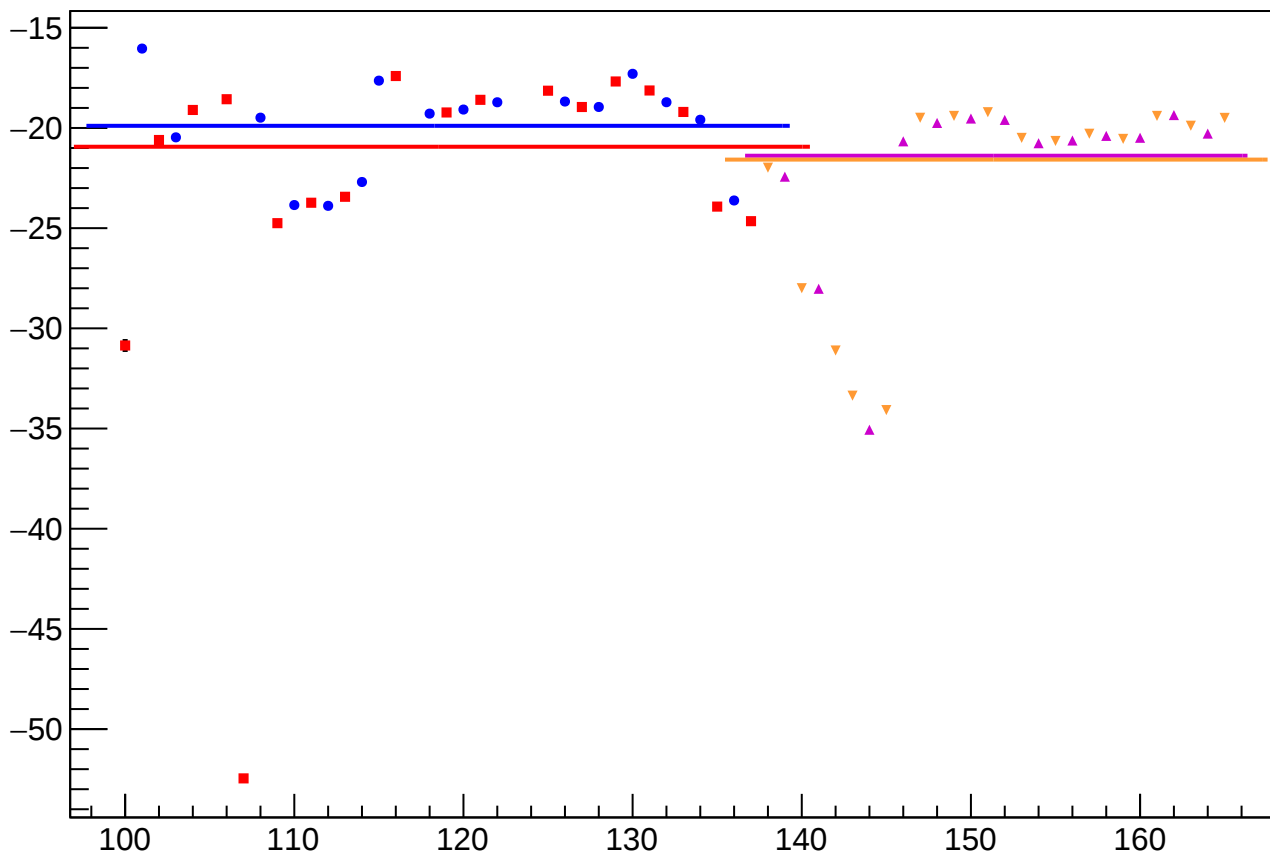
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 7.675 $\pm$ 0.170 χ^2 /NDF:1082.3/28

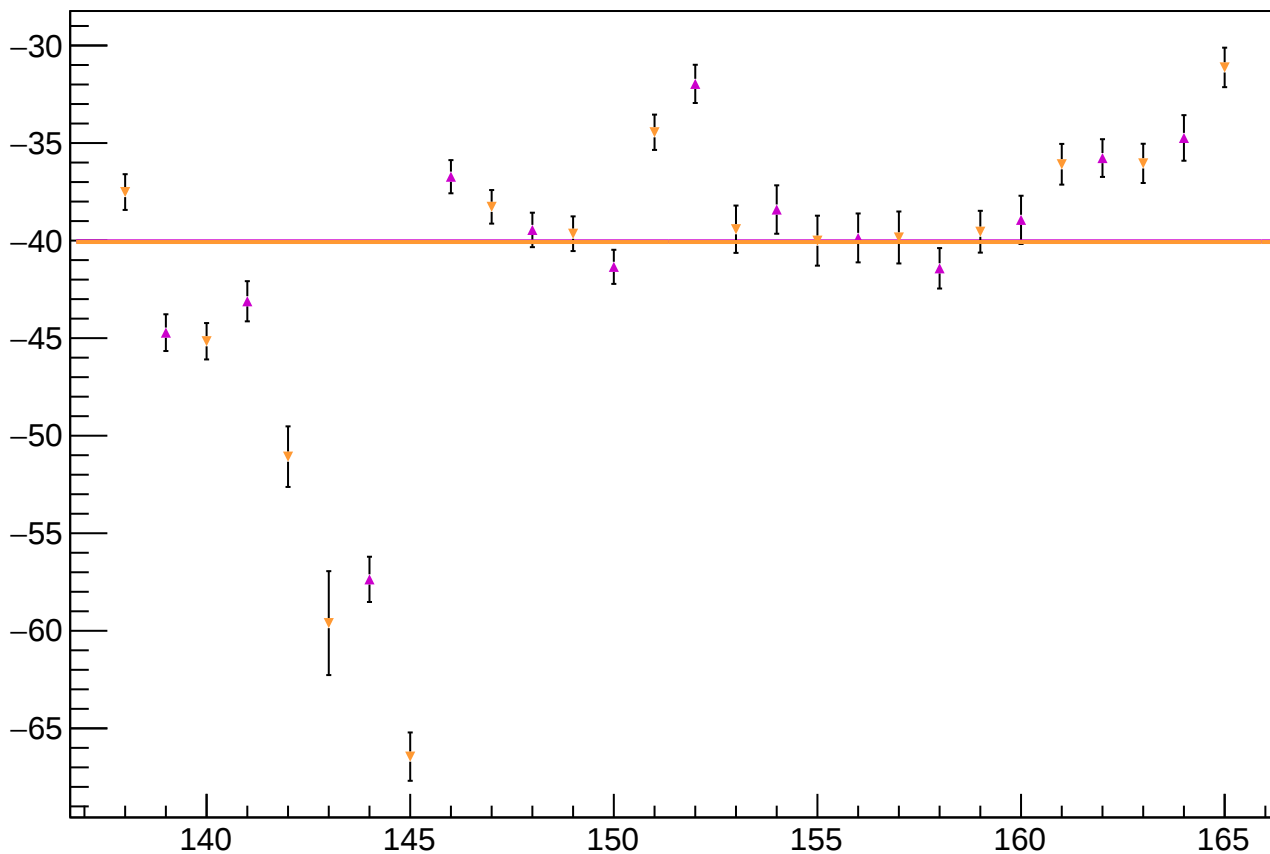
Out: 7.182 $\pm$ 0.169 χ^2 /NDF:995.7/32

All: 7.428 $\pm$ 0.120 χ^2 /NDF: 2082.2/61

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



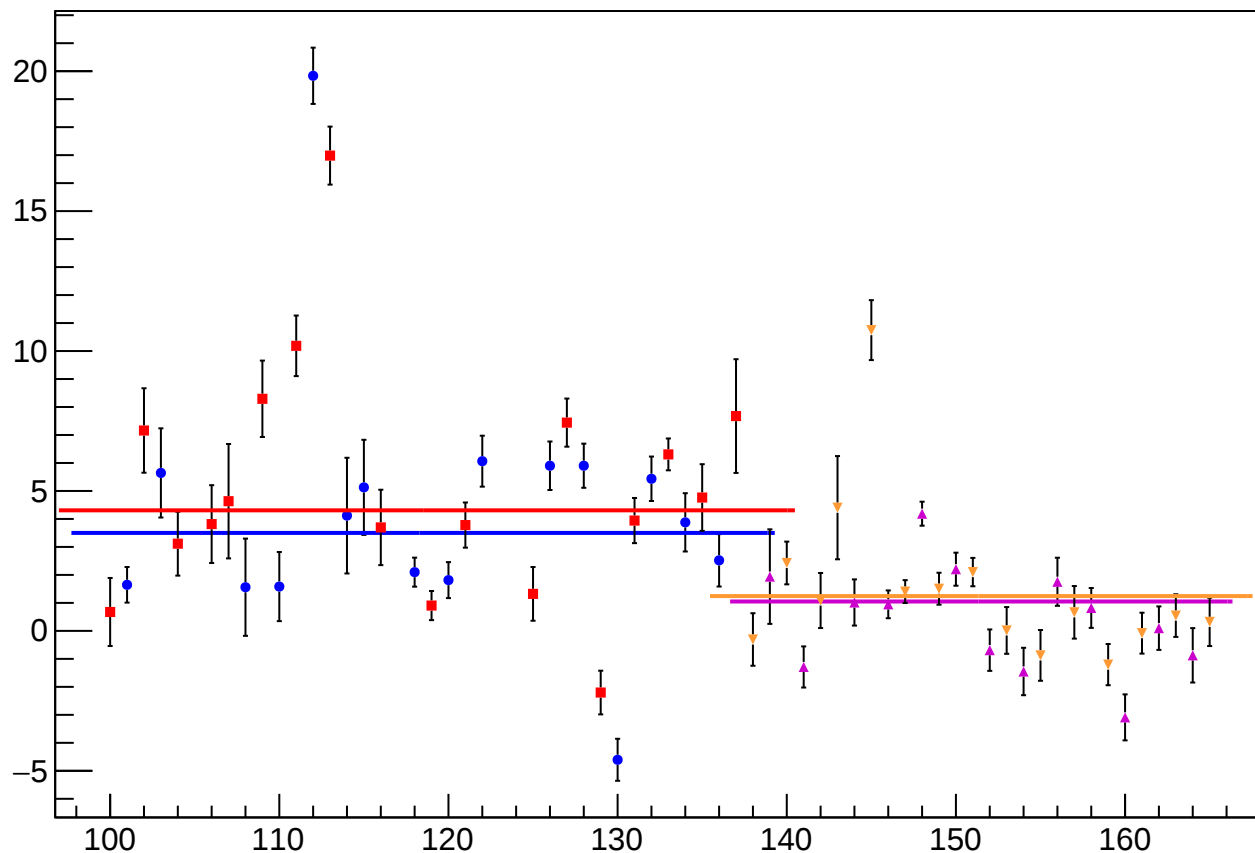
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.073+/-0.277 χ^2/NDF : 747.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.036+/-0.283 χ^2/NDF : 386.8/12

Left: -40.055+/-0.198 χ^2/NDF : 1134.4/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.036+/-0.283 χ^2/NDF : 386.8/12
 Out: -40.073+/-0.277 χ^2/NDF : 747.6/14

All: -40.055+/-0.198 χ^2/NDF : 1134.4/27

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.244 ± 0.187 χ^2/NDF : 114.4/14

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.050 ± 0.193 χ^2/NDF : 113.6/12

Left: 1.150 ± 0.134 χ^2/NDF : 228.6/27

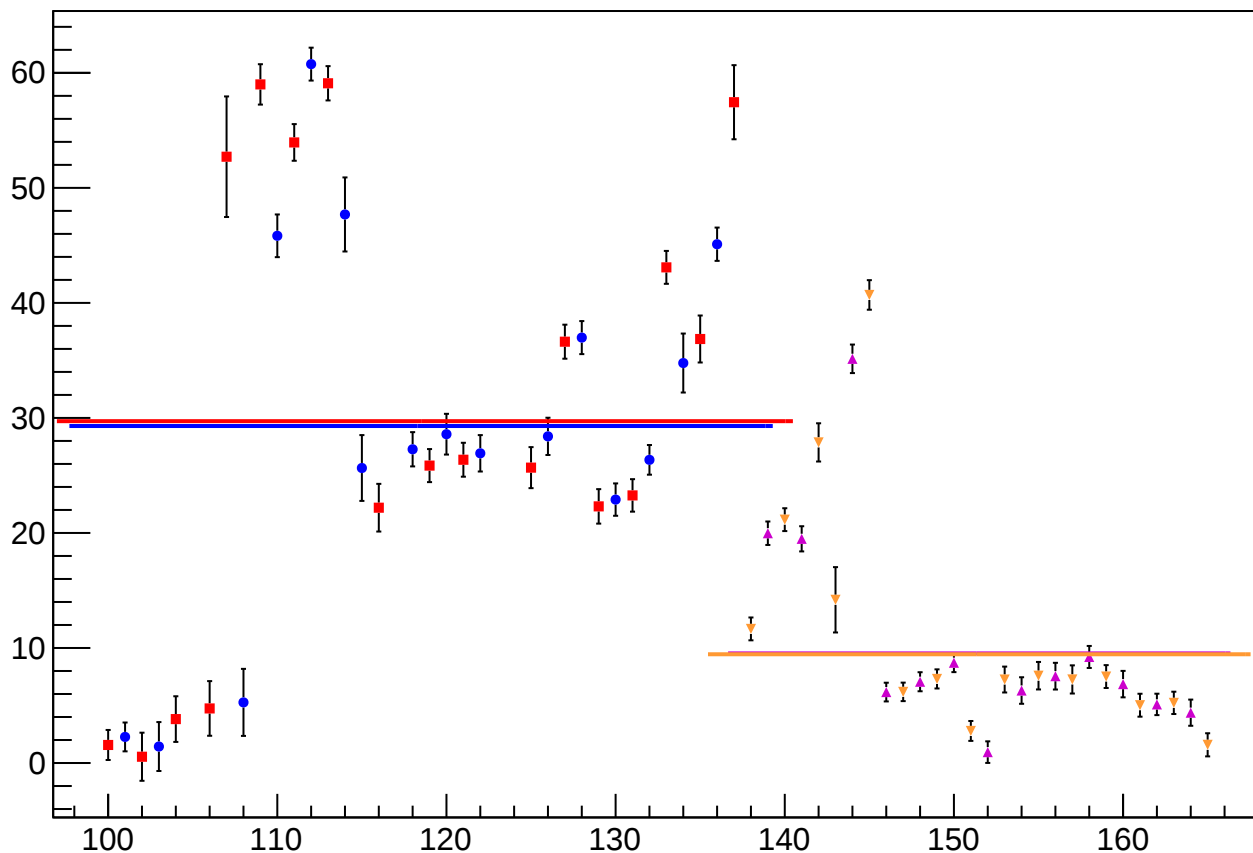
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.131 ± 0.144 χ^2/NDF : 626.5/28

Out: 2.520 ± 0.143 χ^2/NDF : 578.9/32

All: 2.328 ± 0.102 χ^2/NDF : 1209.1/61

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297+/-0.417 χ^2 /NDF: 1485.2/15

Left Out: 9.454+/-0.270 χ^2 /NDF:1055.9/14

Right Out: 29.719+/-0.403 χ^2 /NDF: 2128.9/17

Left In: 9.530+/-0.274 χ^2 /NDF:784.1/12

Left: 9.491+/-0.192 χ^2 /NDF: 1840.0/27

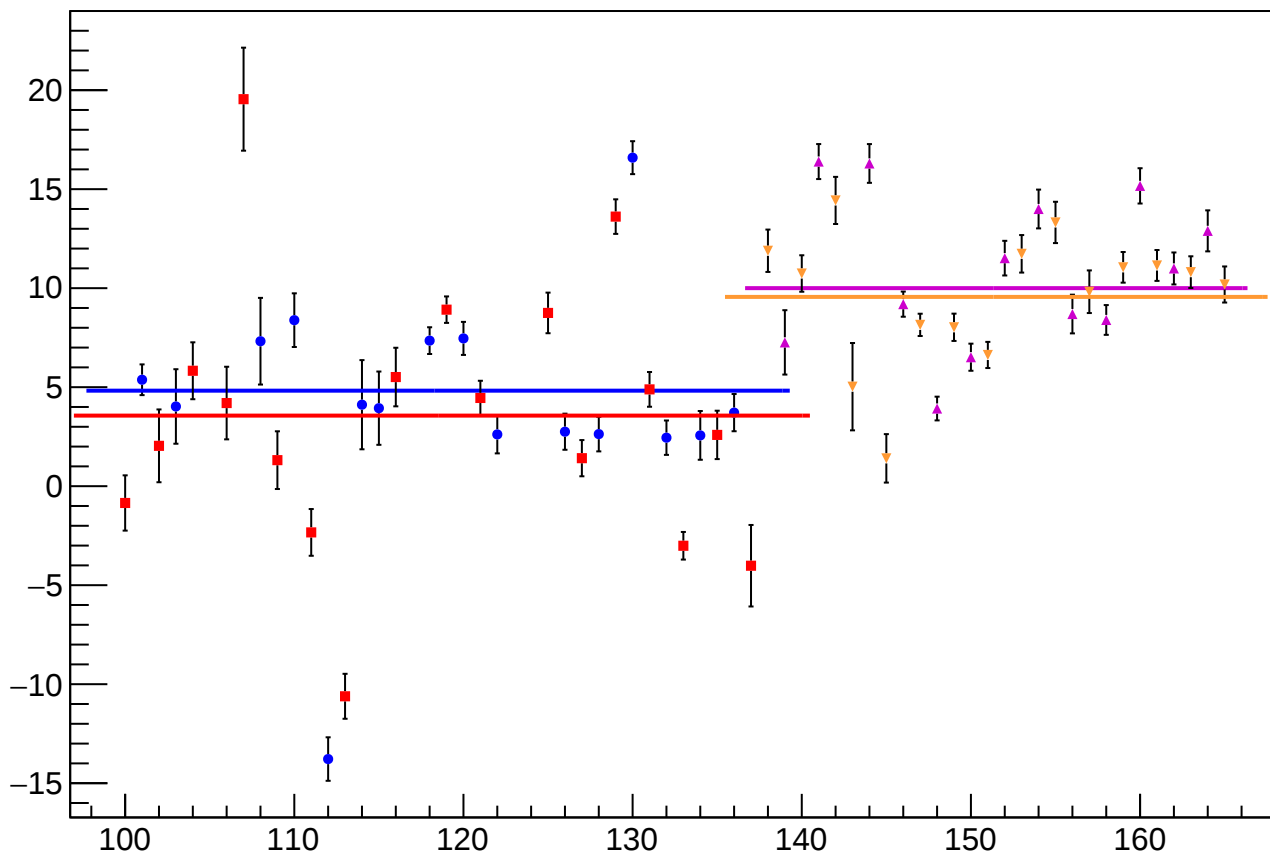
Right: 29.515+/-0.290 χ^2 /NDF: 3614.7/33

In: 15.487+/-0.229 χ^2 /NDF:3837.3/28

Out: 15.754+/-0.224 χ^2 /NDF:4931.2/32

All: 15.623+/-0.160 χ^2 /NDF: 8769.2/61

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: 9.559 ± 0.223 χ^2/NDF : 131.8/14

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 10.002 ± 0.230 χ^2/NDF : 296.0/12

Left: 9.774 ± 0.160 χ^2/NDF : 429.7/27

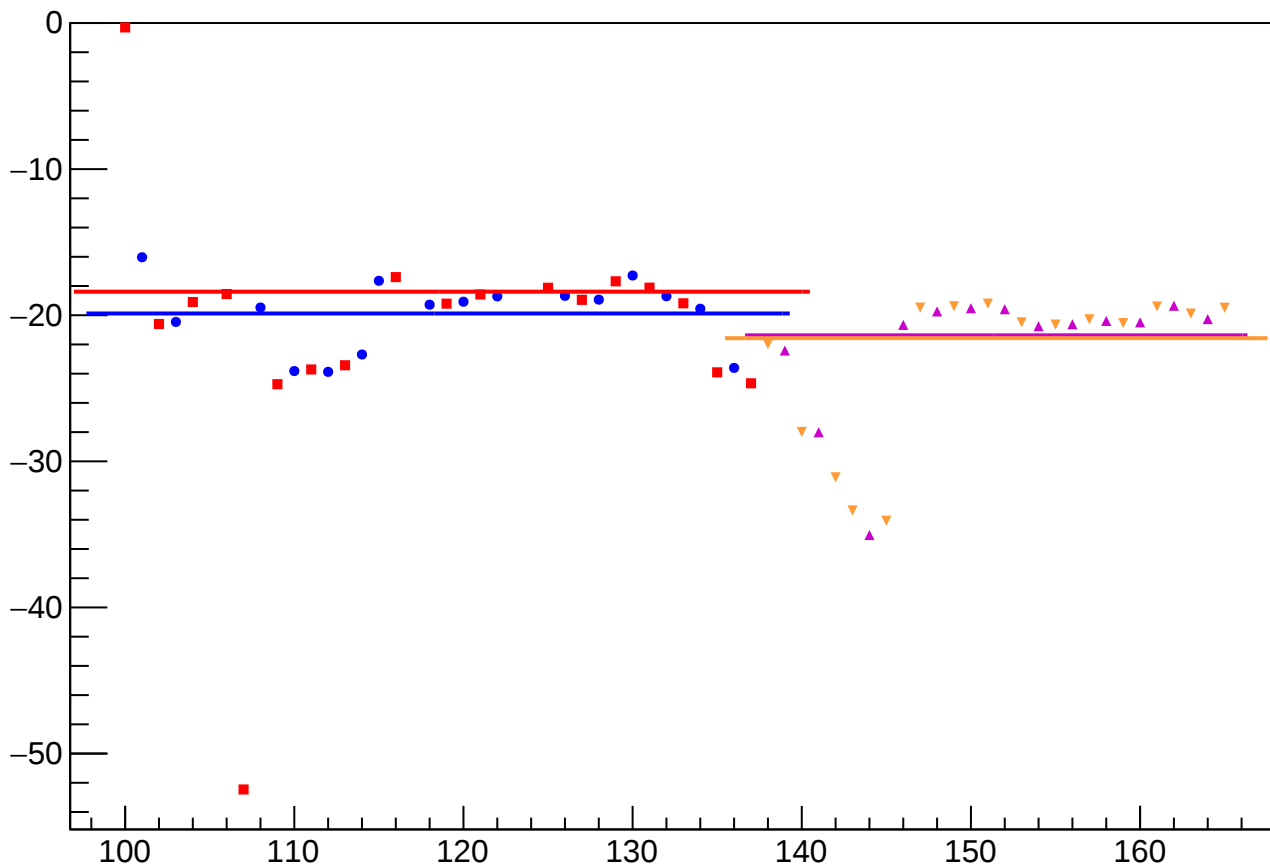
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.649 ± 0.170 χ^2/NDF : 1076.5/28

Out: 6.959 ± 0.168 χ^2/NDF : 1016.4/32

All: 7.300 ± 0.119 χ^2/NDF : 2101.3/61

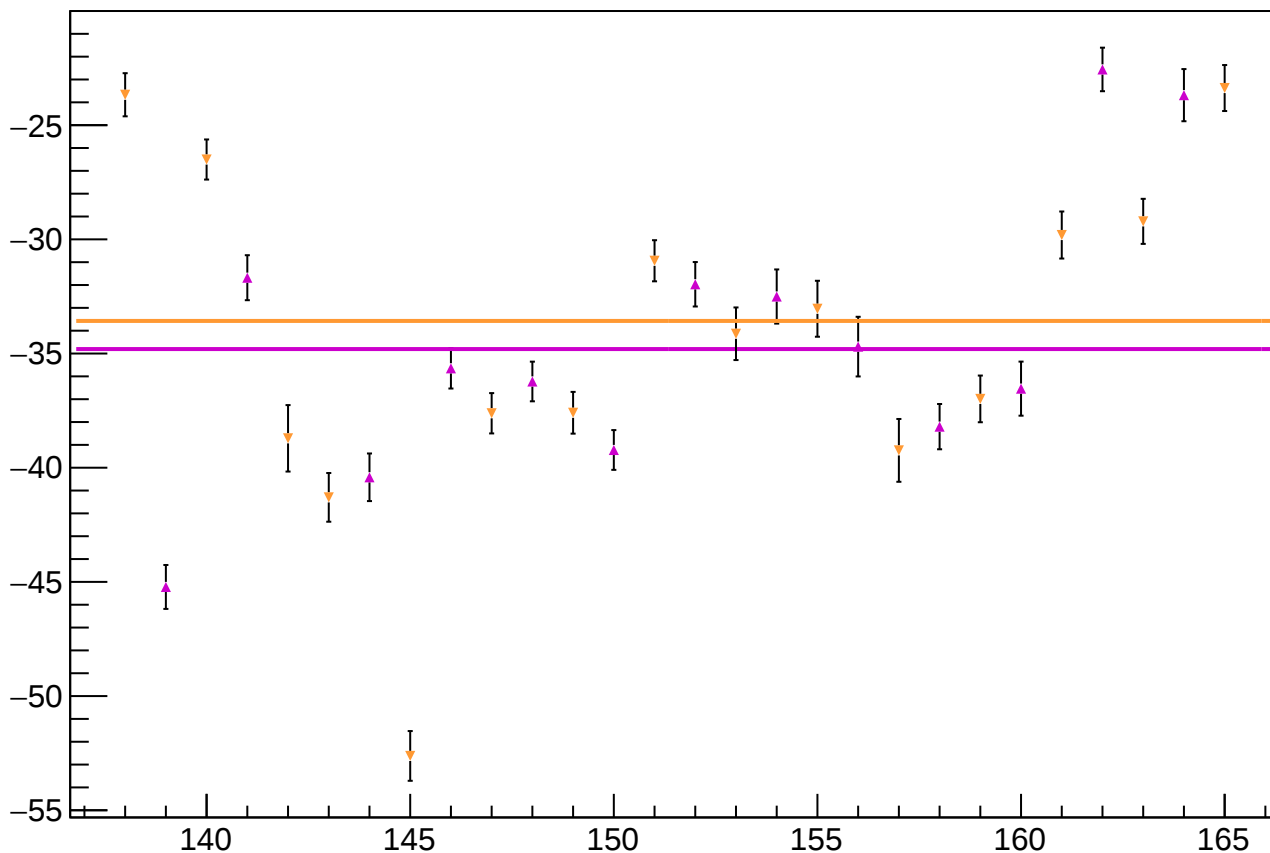
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -21.571 ± 0.011 $\chi^2/\text{NDF}: 134929.7/14$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.375 ± 0.011 $\chi^2/\text{NDF}: 99397.4/12$

Left: -21.474 ± 0.008 $\chi^2/\text{NDF}: 234491.8/27$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.889 ± 0.009 $\chi^2/\text{NDF}: 131690.2/28$
 Out: -20.463 ± 0.009 $\chi^2/\text{NDF}: 466595.0/32$
 All: -20.671 ± 0.006 $\chi^2/\text{NDF}: 599457.8/61$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



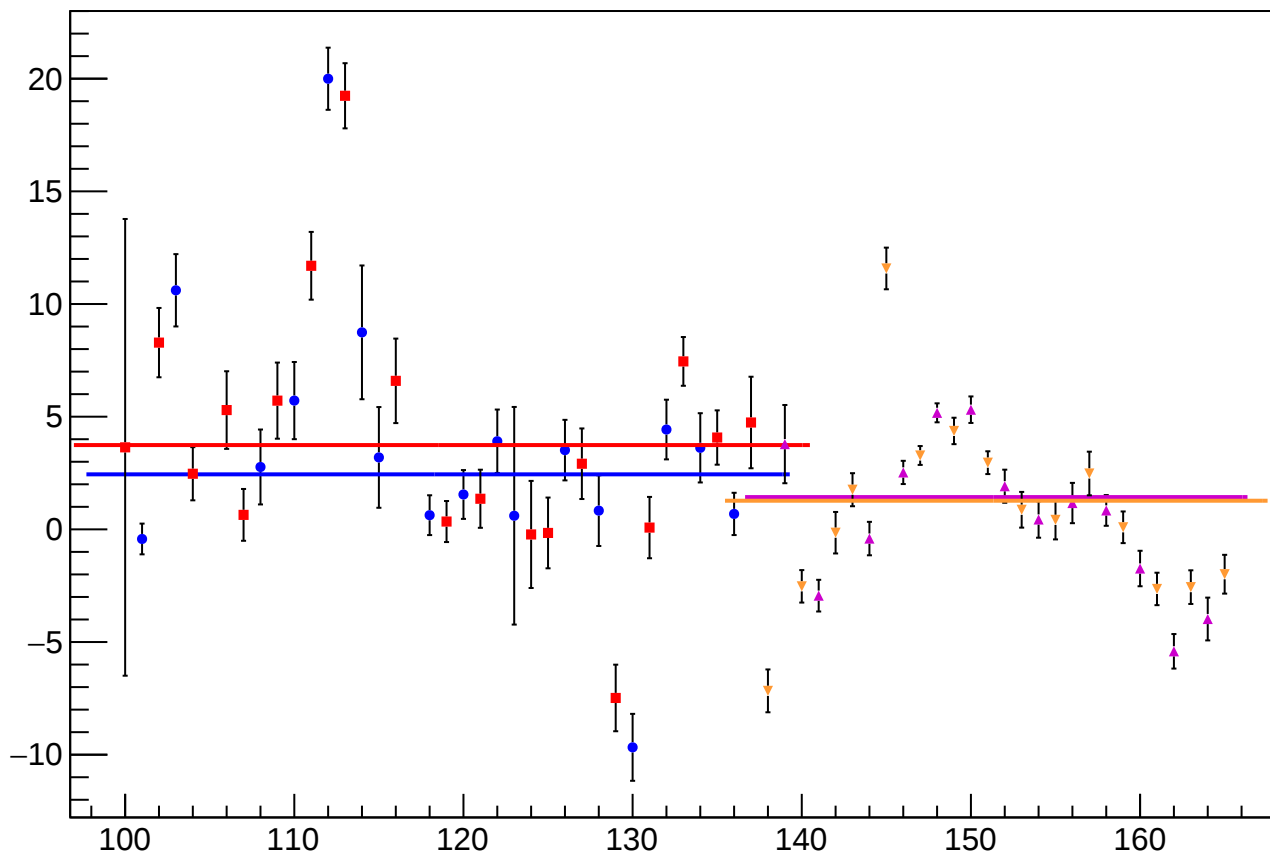
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.573+/-0.265 χ^2/NDF : 758.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.804+/-0.278 χ^2/NDF : 471.6/12

Left: -34.159+/-0.192 χ^2/NDF : 1240.4/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.804+/-0.278 χ^2/NDF : 471.6/12
 Out: -33.573+/-0.265 χ^2/NDF : 758.5/14

All: -34.159+/-0.192 χ^2/NDF : 1240.4/27

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 1.271 $\pm$ 0.180 χ^2 /NDF: 371.7/14

Right Out: 3.740 $\pm$ 0.326 χ^2 /NDF: 268.1/18

Left In: 1.432 $\pm$ 0.190 χ^2 /NDF: 304.7/12

Left: 1.347 $\pm$ 0.131 χ^2 /NDF: 676.8/27

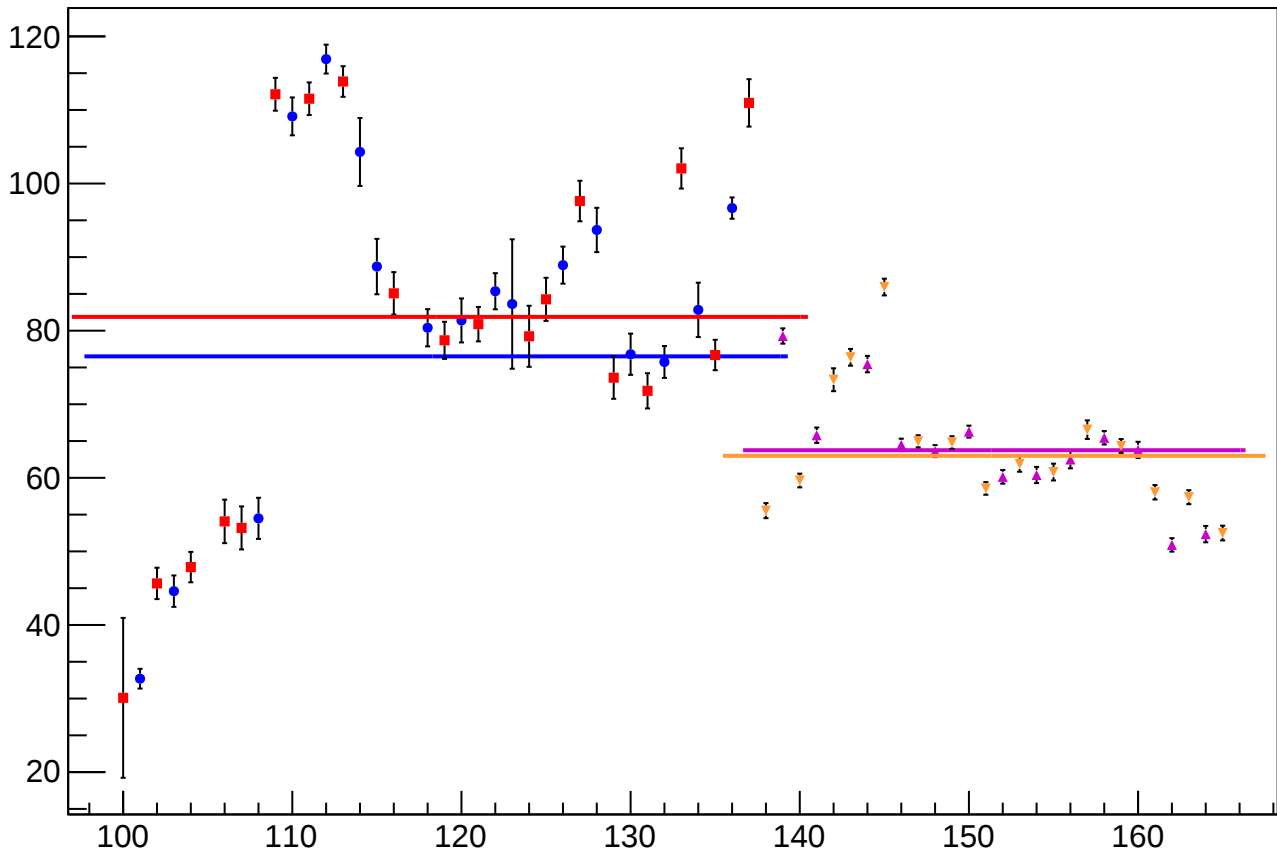
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/35

In: 1.706 $\pm$ 0.162 χ^2 /NDF: 607.1/29

Out: 1.847 $\pm$ 0.158 χ^2 /NDF: 683.7/33

All: 1.778 $\pm$ 0.113 χ^2 /NDF: 1291.2/63

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: 62.992 $\pm$ 0.260 χ^2 /NDF: 877.3/14

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 63.753 $\pm$ 0.270 χ^2 /NDF: 677.2/12

Left: 63.359 $\pm$ 0.187 χ^2 /NDF: 1558.6/27

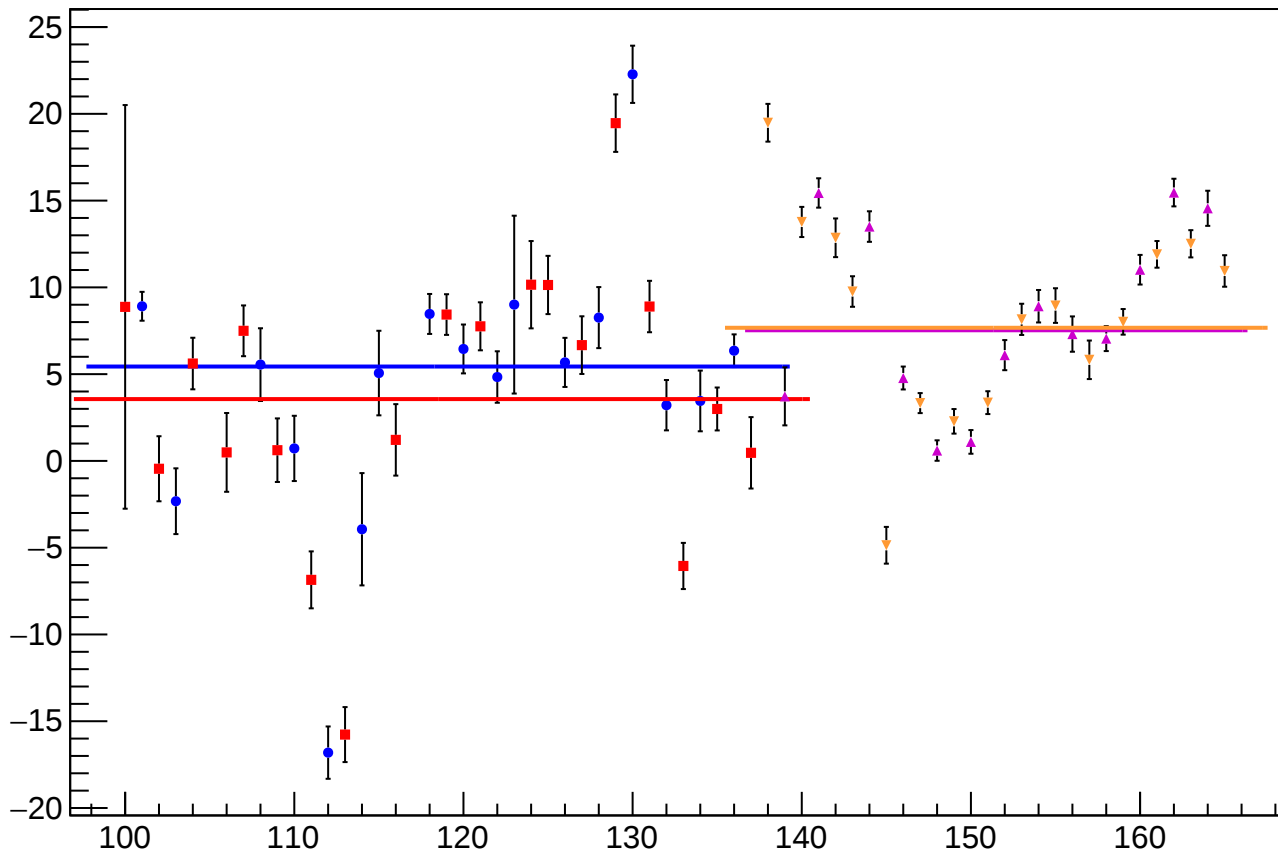
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 66.063 $\pm$ 0.244 χ^2 /NDF: 3332.3/29

Out: 66.053 $\pm$ 0.238 χ^2 /NDF: 3301.3/33

All: 66.058 $\pm$ 0.171 χ^2 /NDF: 6633.6/63

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: 7.672 ± 0.214 $\chi^2/\text{NDF}: 578.3/14$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 7.528 ± 0.225 $\chi^2/\text{NDF}: 553.1/12$

Left: 7.604 ± 0.155 $\chi^2/\text{NDF}: 1131.7/27$

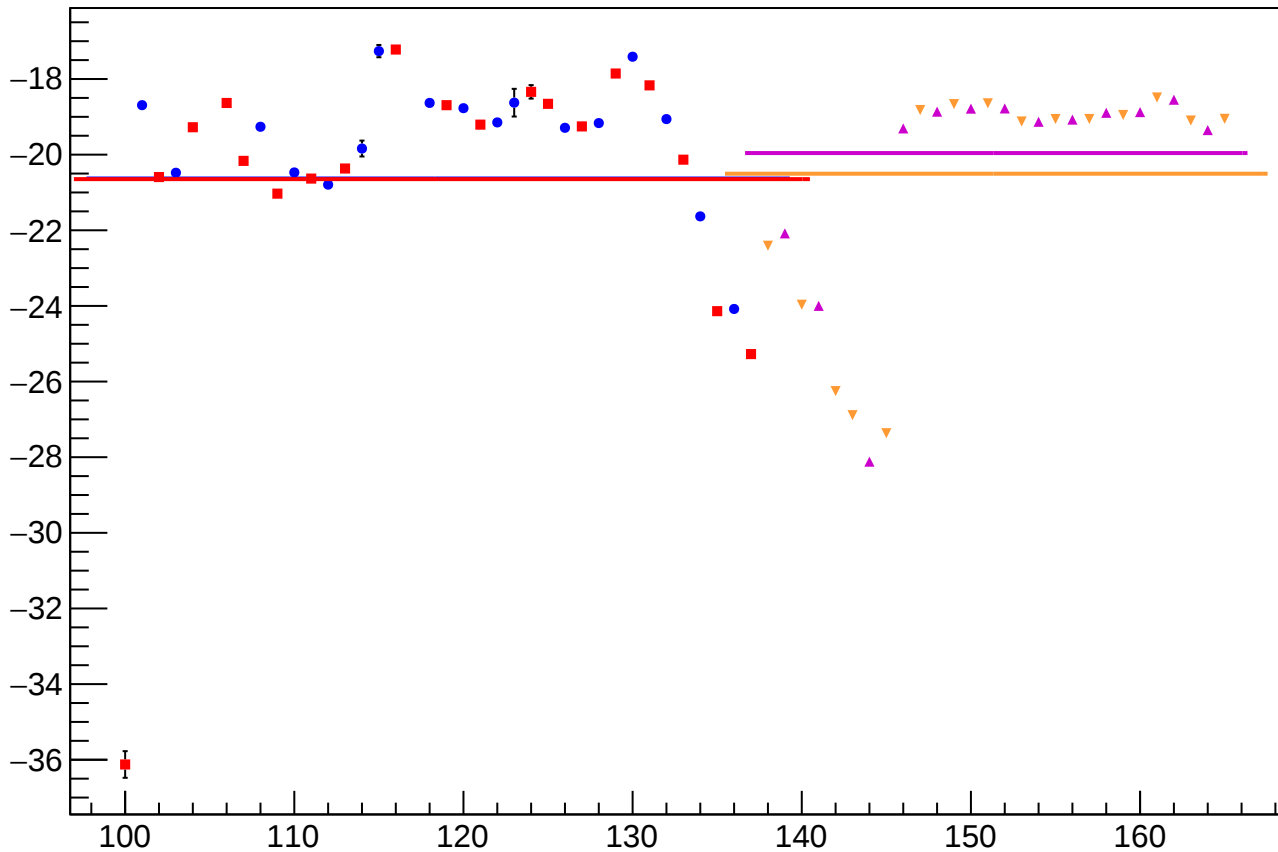
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 6.934 ± 0.191 $\chi^2/\text{NDF}: 963.7/29$

Out: 6.664 ± 0.186 $\chi^2/\text{NDF}: 1089.8/33$

All: 6.796 ± 0.133 $\chi^2/\text{NDF}: 2054.5/63$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.504 $\pm$ 0.010 χ^2 /NDF: 78969.2/14

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -19.958 $\pm$ 0.011 χ^2 /NDF: 48230.7/12

Left: -20.239 $\pm$ 0.007 χ^2 /NDF: 128548.9/27

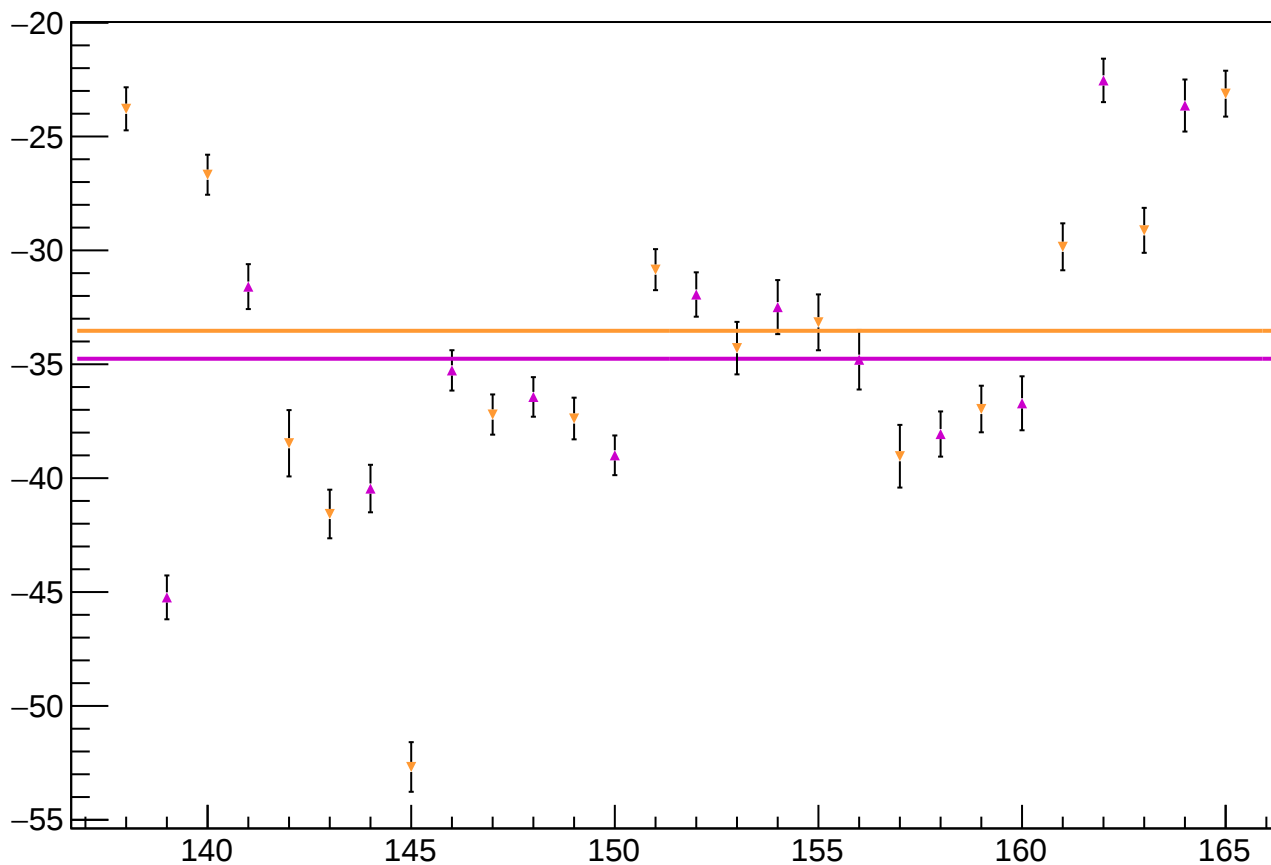
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.116 $\pm$ 0.009 χ^2 /NDF: 61665.4/29

Out: -20.536 $\pm$ 0.009 χ^2 /NDF: 92920.3/33

All: -20.330 $\pm$ 0.007 χ^2 /NDF: 155620.0/63

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



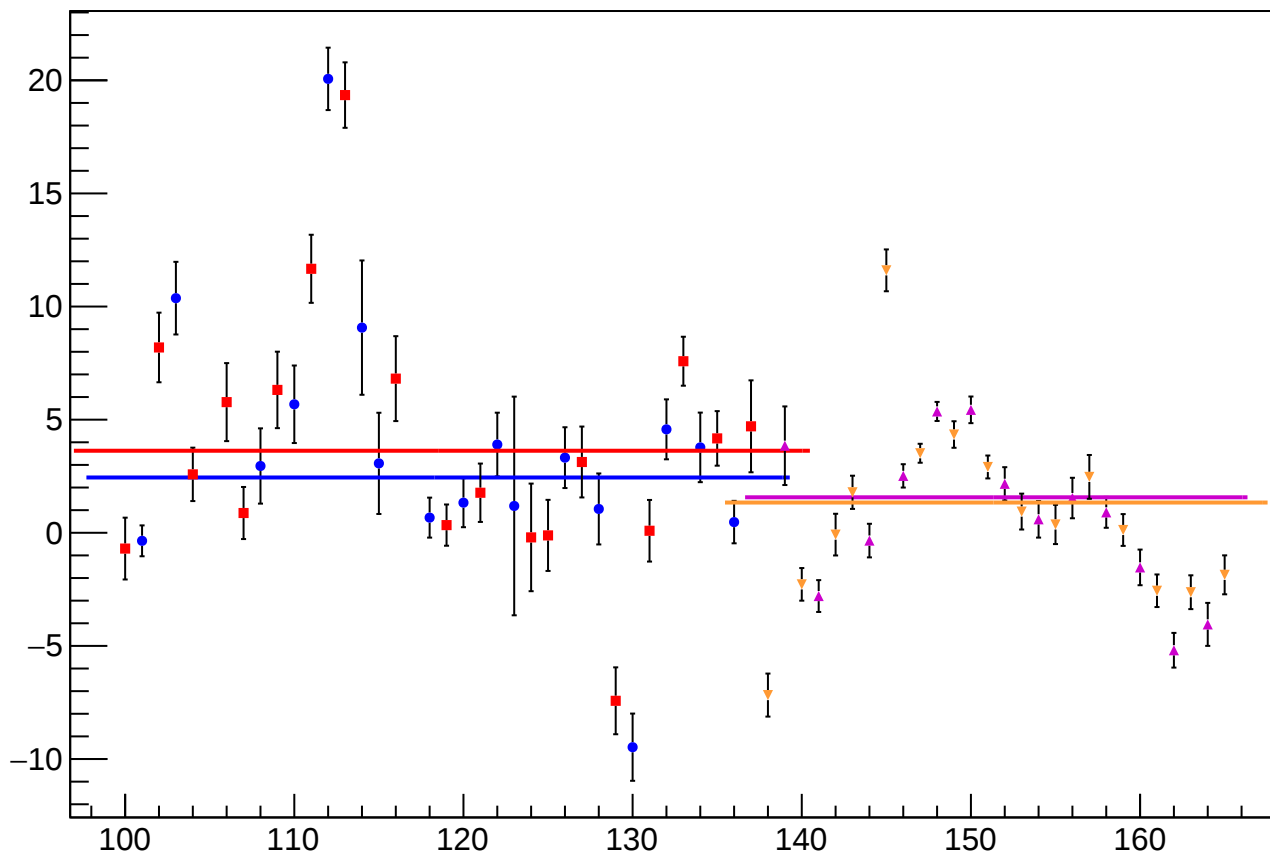
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.531+/-0.266 χ^2/NDF : 755.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.758+/-0.279 χ^2/NDF : 470.9/12

Left: -34.115+/-0.192 χ^2/NDF : 1236.6/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.758+/-0.279 χ^2/NDF : 470.9/12
 Out: -33.531+/-0.266 χ^2/NDF : 755.5/14

All: -34.115+/-0.192 χ^2/NDF : 1236.6/27

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 1.337 ± 0.180 χ^2/NDF : 371.2/14

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 1.569 ± 0.190 χ^2/NDF : 305.7/12

Left: 1.447 ± 0.131 χ^2/NDF : 677.7/27

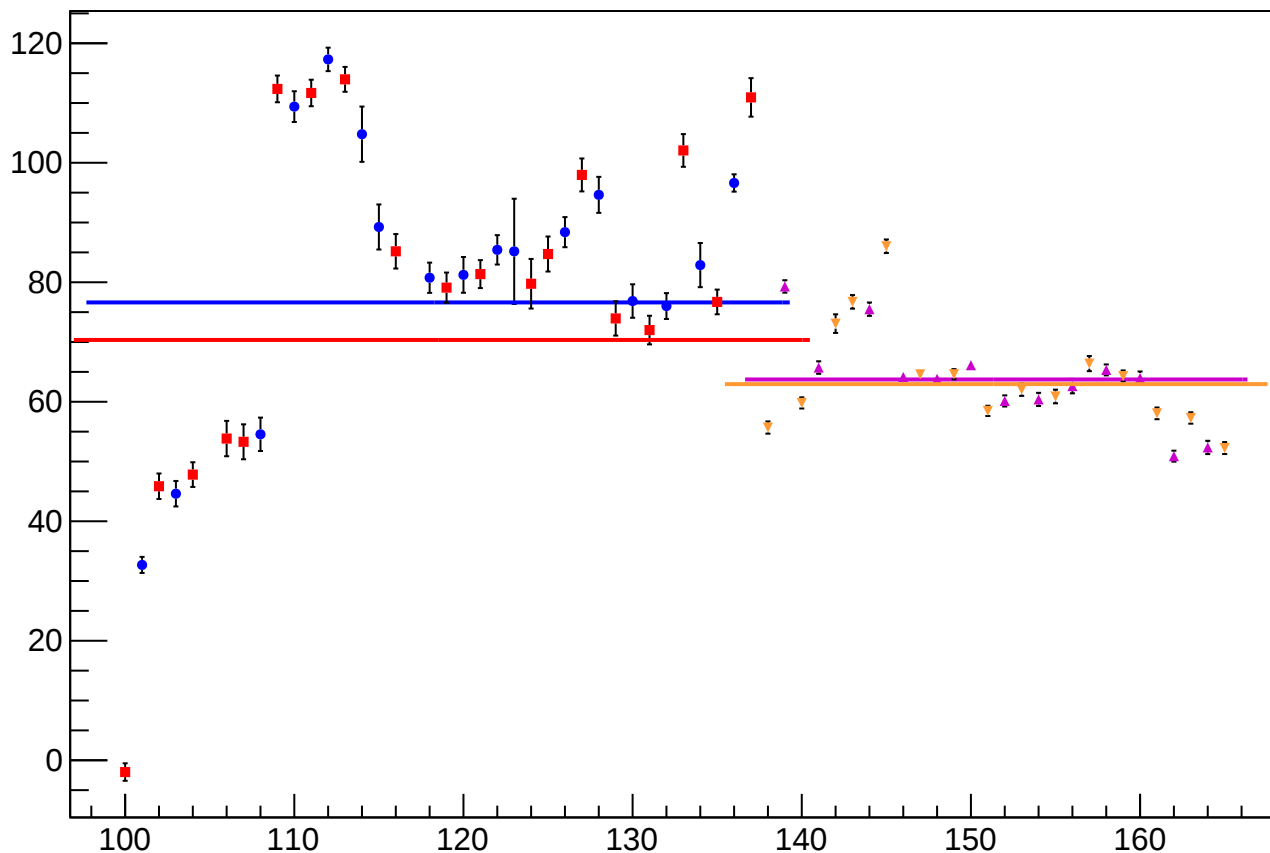
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.806 ± 0.162 χ^2/NDF : 604.1/29

Out: 1.893 ± 0.157 χ^2/NDF : 689.4/33

All: 1.851 ± 0.113 χ^2/NDF : 1293.6/63

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: 62.955 $\pm$ 0.260 χ^2 /NDF: 883.9/14

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 63.732 $\pm$ 0.270 χ^2 /NDF: 674.7/12

Left: 63.329 $\pm$ 0.187 χ^2 /NDF: 1562.9/27

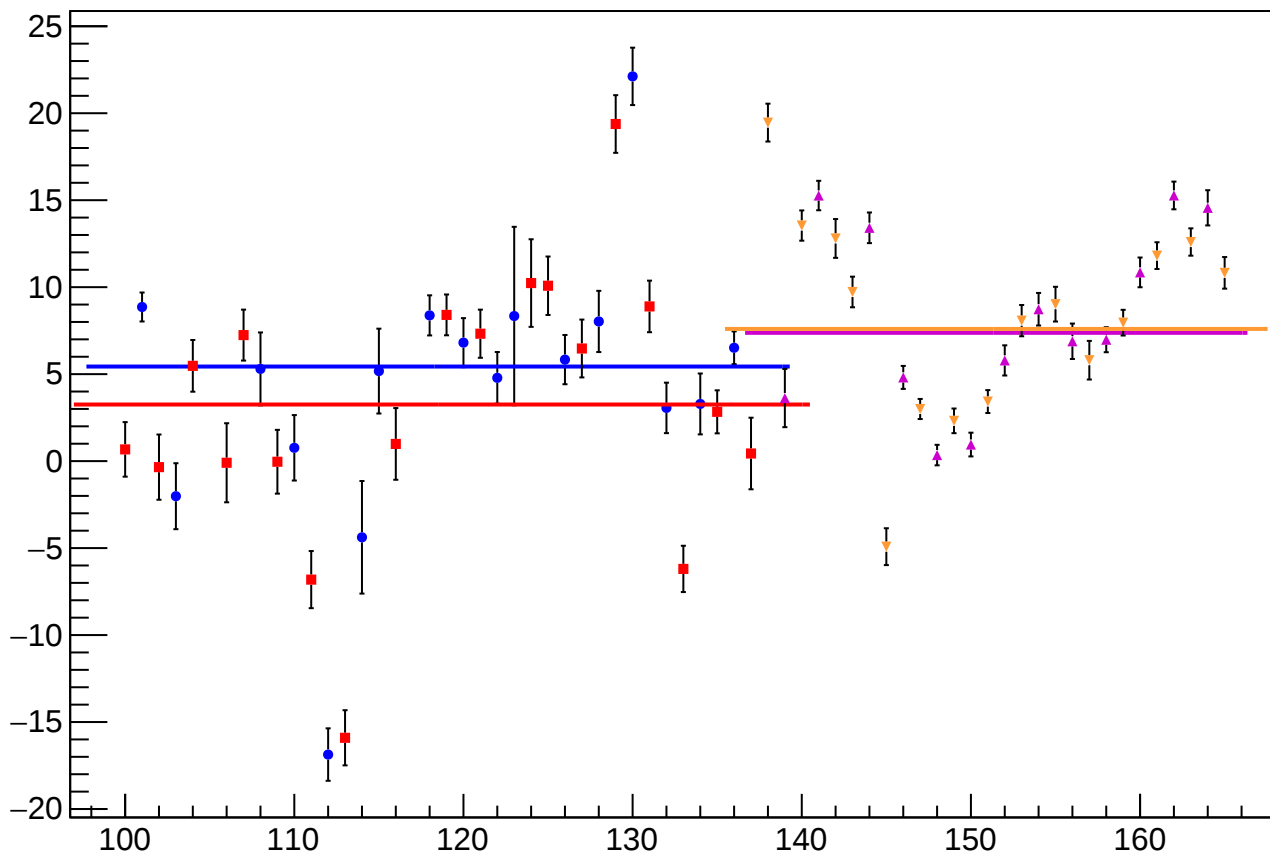
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 66.067 $\pm$ 0.244 χ^2 /NDF: 3350.1/29

Out: 64.310 $\pm$ 0.235 χ^2 /NDF: 5419.8/33

All: 65.155 $\pm$ 0.170 χ^2 /NDF: 8796.7/63

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 7.600 ± 0.214 $\chi^2/\text{NDF}: 580.4/14$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 7.375 ± 0.226 $\chi^2/\text{NDF}: 555.8/12$

Left: 7.493 ± 0.155 $\chi^2/\text{NDF}: 1136.7/27$

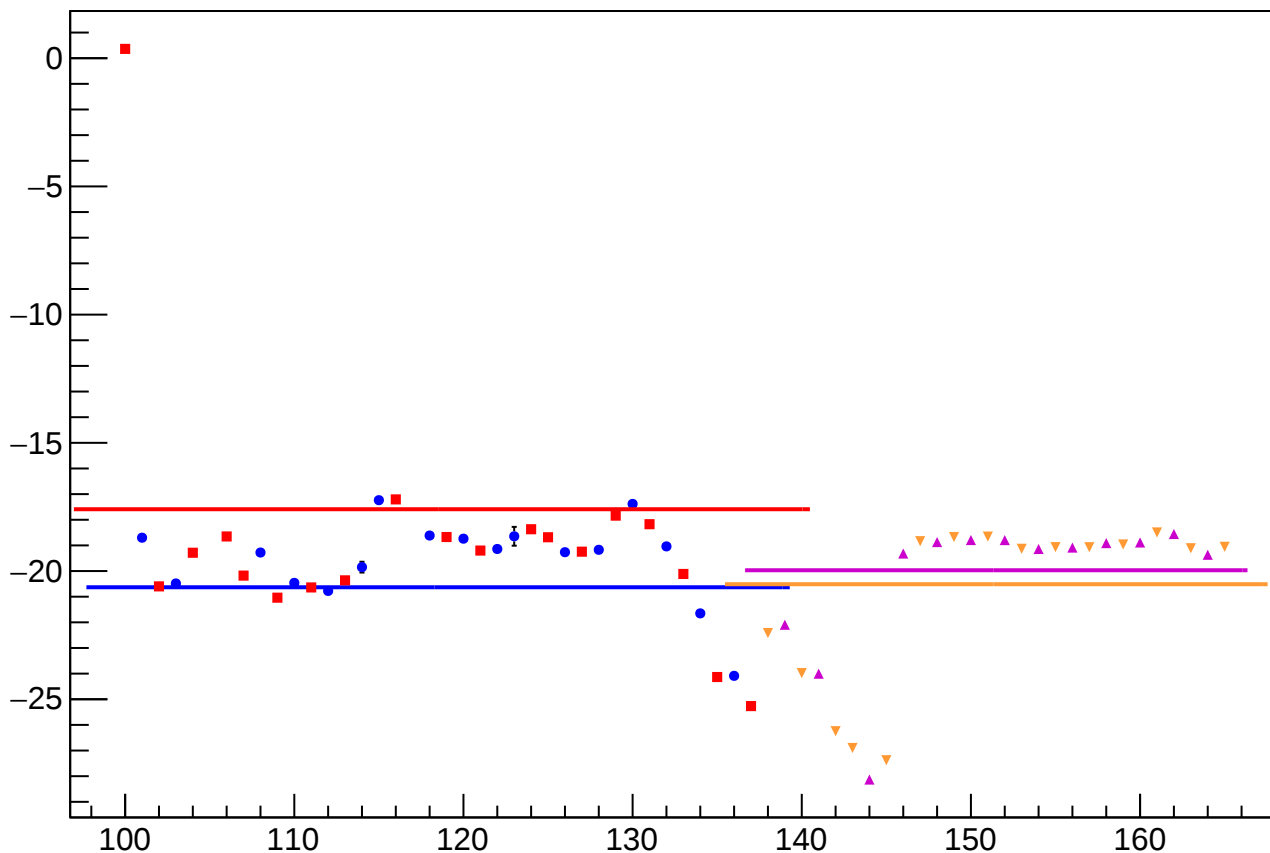
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 6.824 ± 0.191 $\chi^2/\text{NDF}: 961.3/29$

Out: 6.489 ± 0.185 $\chi^2/\text{NDF}: 1109.6/33$

All: 6.651 ± 0.133 $\chi^2/\text{NDF}: 2072.5/63$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -20.514 $\pm$ 0.010 χ^2 /NDF: 78835.7/14

Right Out: -17.589 $\pm$ 0.018 χ^2 /NDF: 178672.3/18

Left In: -19.969 $\pm$ 0.011 χ^2 /NDF: 48161.9/12

Left: -20.249 $\pm$ 0.007 χ^2 /NDF: 128338.6/27

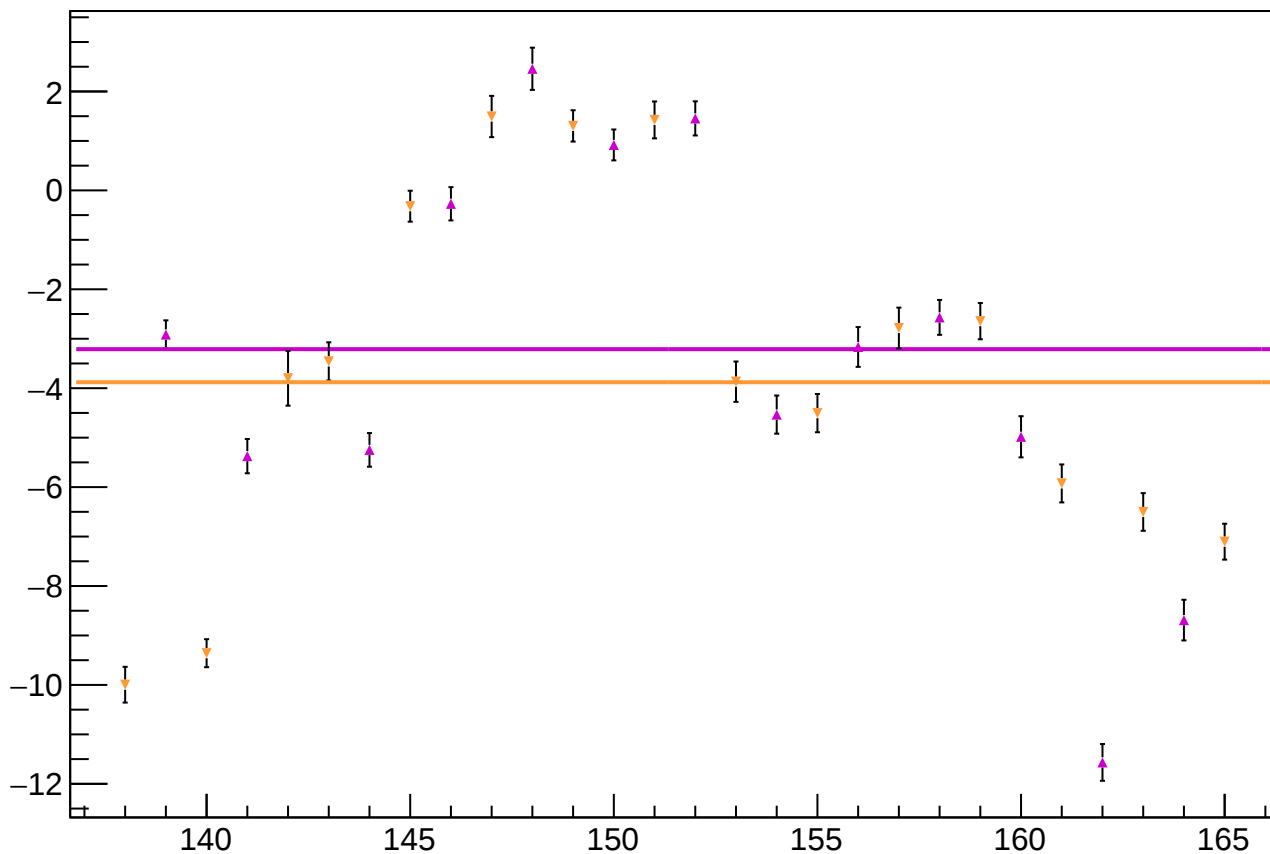
Right: -19.006 $\pm$ 0.013 χ^2 /NDF: 204500.0/35

In: -20.124 $\pm$ 0.009 χ^2 /NDF: 61609.3/29

Out: -19.786 $\pm$ 0.009 χ^2 /NDF: 277313.7/33

All: -19.949 $\pm$ 0.006 χ^2 /NDF: 339602.9/63

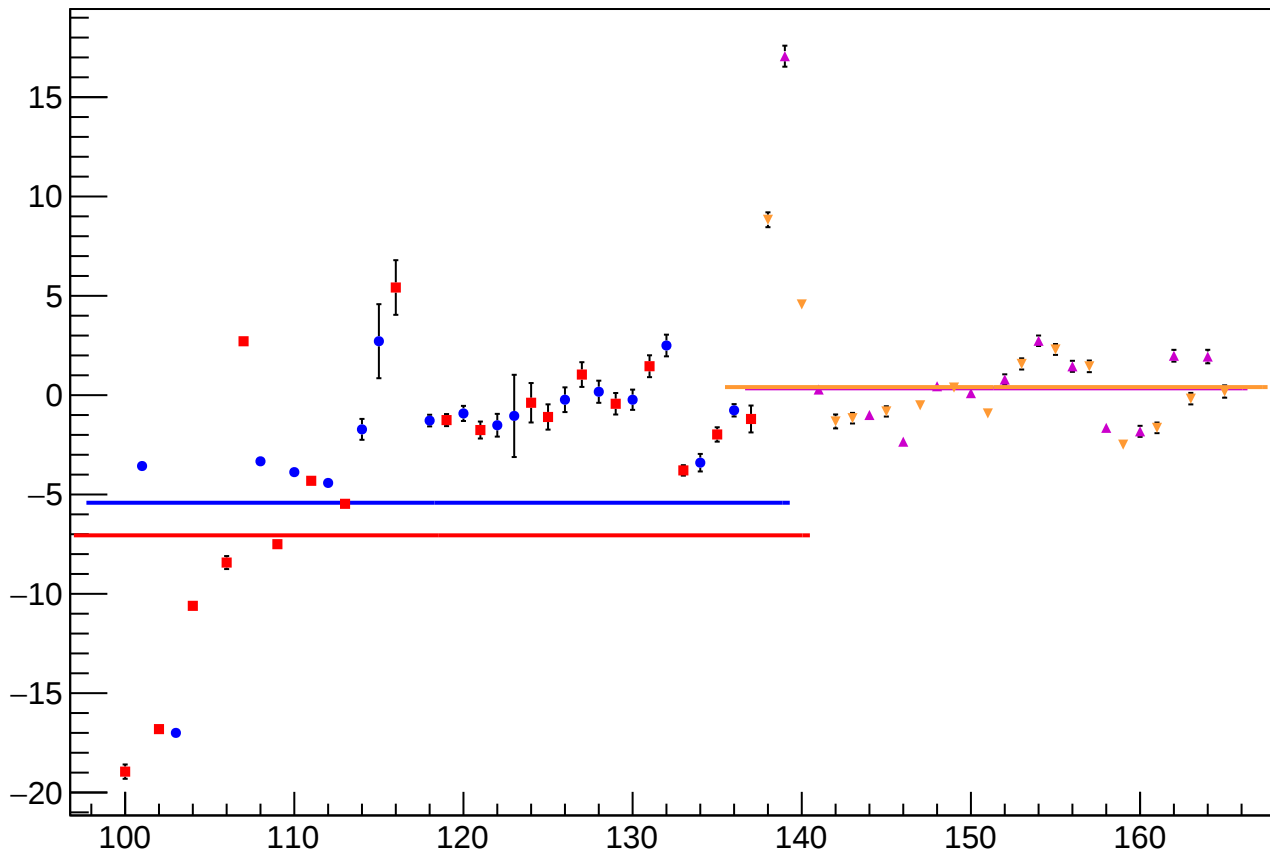
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.880+/-0.095 χ^2 /NDF:1602.6/14
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -3.210+/-0.099 χ^2 /NDF:1401.3/12

Left: -3.559+/-0.069 χ^2 /NDF: 3027.7/27
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -3.210+/-0.099 χ^2 /NDF:1401.3/12
 Out: -3.880+/-0.095 χ^2 /NDF:1602.6/14
 All: -3.559+/-0.069 χ^2 /NDF: 3027.7/27

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: 0.406 ± 0.067 $\chi^2/\text{NDF}: 1229.4/14$

Right Out: -7.056 ± 0.059 $\chi^2/\text{NDF}: 12334.0/18$

Left In: 0.344 ± 0.072 $\chi^2/\text{NDF}: 1470.4/12$

Left: 0.377 ± 0.049 $\chi^2/\text{NDF}: 2700.2/27$

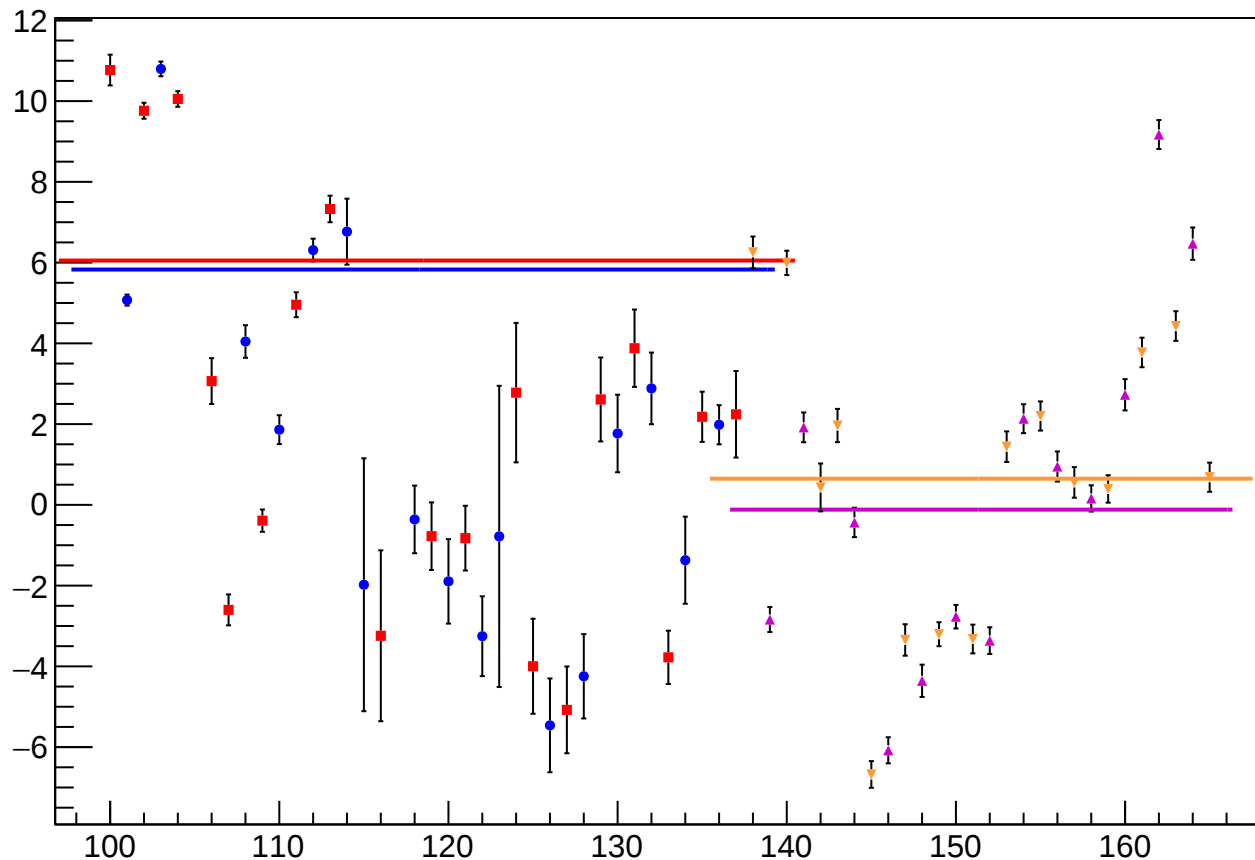
Right: -6.174 ± 0.040 $\chi^2/\text{NDF}: 22004.4/35$

In: -3.289 ± 0.043 $\chi^2/\text{NDF}: 14808.2/29$

Out: -3.813 ± 0.044 $\chi^2/\text{NDF}: 20510.8/33$

All: -3.546 ± 0.031 $\chi^2/\text{NDF}: 35390.1/63$

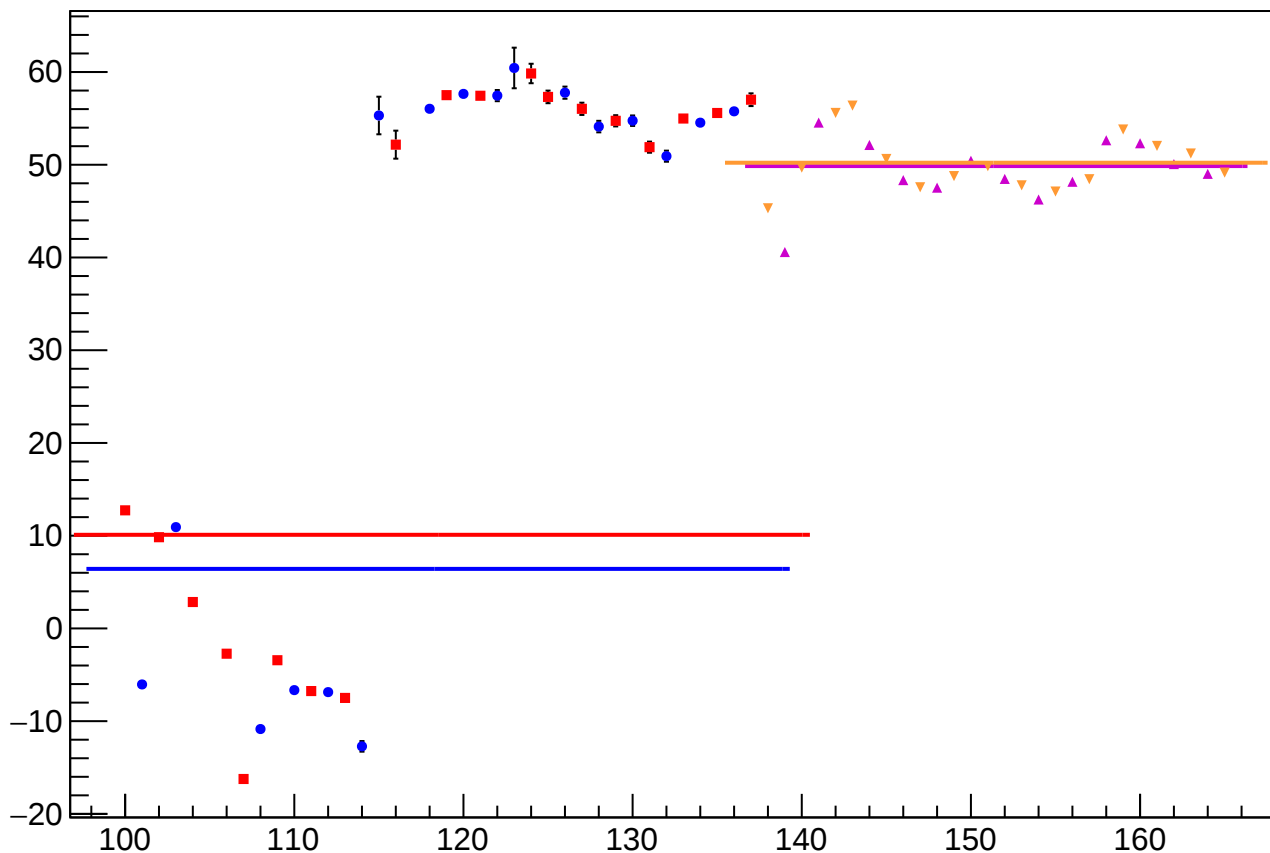
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 0.277 $\pm$ 0.067 χ^2/NDF : 3438.9/27
 Right: 5.936 $\pm$ 0.065 χ^2/NDF : 4125.3/35
 In: 3.079 $\pm$ 0.066 χ^2/NDF : 5270.1/29
 Out: 3.360 $\pm$ 0.066 χ^2/NDF : 5965.3/33
 All: 3.219 $\pm$ 0.047 χ^2/NDF : 11244.4/63

Right In: 5.829 $\pm$ 0.090 χ^2/NDF : 1448.3/16
 Left Out: 0.649 $\pm$ 0.094 χ^2/NDF : 1620.7/14
 Right Out: 6.051 $\pm$ 0.093 χ^2/NDF : 2674.1/18
 Left In: -0.118 $\pm$ 0.097 χ^2/NDF : 1785.7/12

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: 50.219 ± 0.079 χ^2/NDF : 1227.3/14

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.858 ± 0.083 χ^2/NDF : 1120.5/12

Left: 50.048 ± 0.057 χ^2/NDF : 2357.8/27

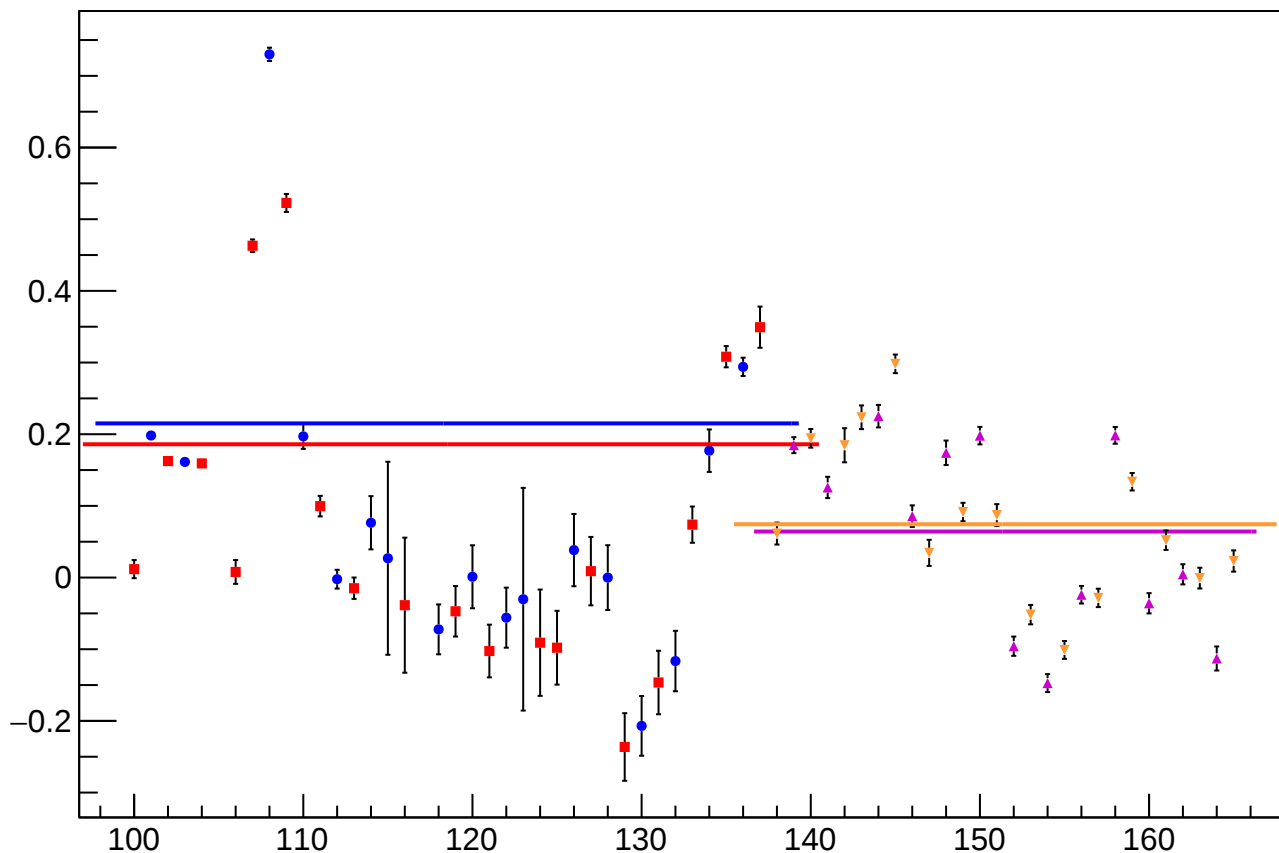
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 22.867 ± 0.051 χ^2/NDF : 294719.4/29

Out: 27.780 ± 0.052 χ^2/NDF : 269357.1/33

All: 25.271 ± 0.036 χ^2/NDF : 568611.9/63

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.074 $\pm$ 0.004 χ^2 /NDF: 909.3/14

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.064 $\pm$ 0.004 χ^2 /NDF: 1192.2/12

Left: 0.069 $\pm$ 0.003 χ^2 /NDF: 2105.4/27

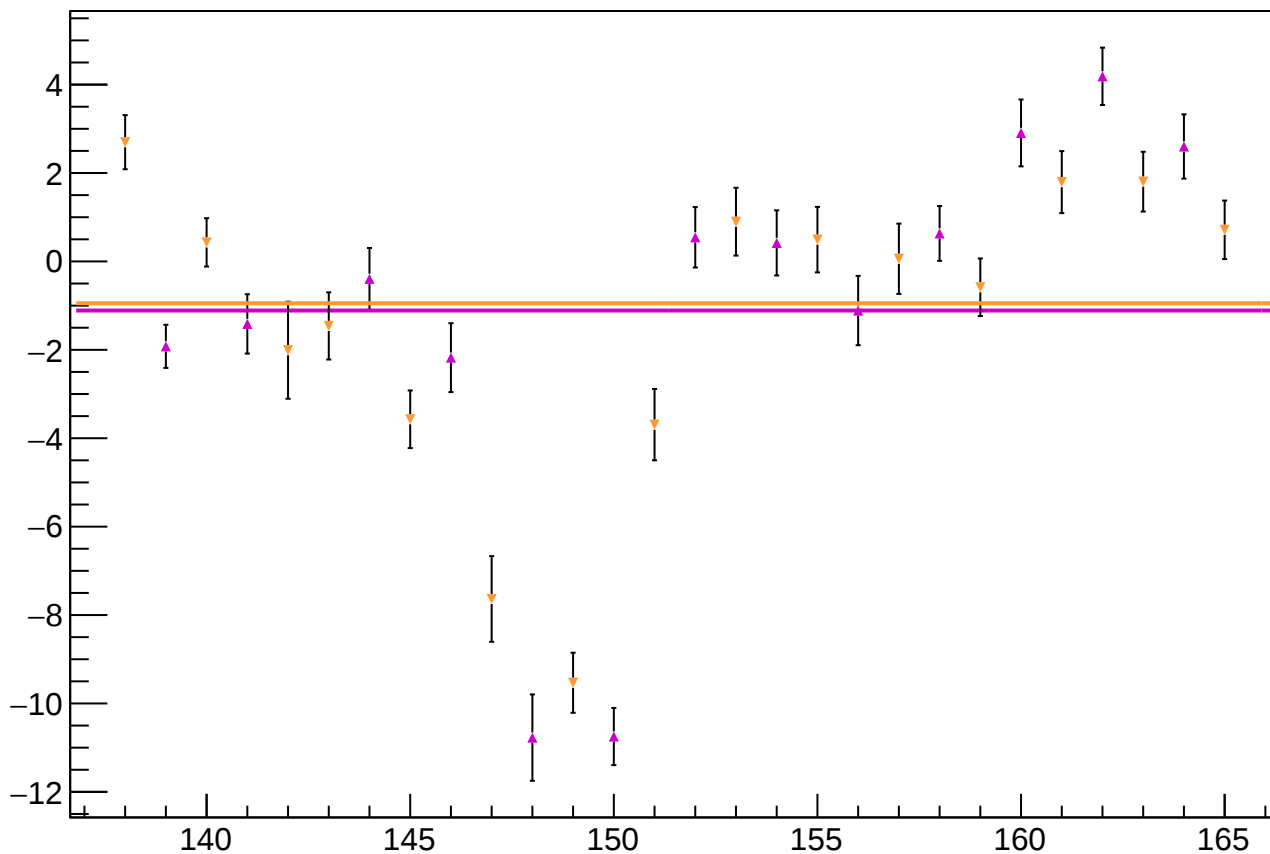
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.162 $\pm$ 0.002 χ^2 /NDF: 6163.2/29

Out: 0.147 $\pm$ 0.002 χ^2 /NDF: 4231.1/33

All: 0.154 $\pm$ 0.002 χ^2 /NDF: 10417.8/63

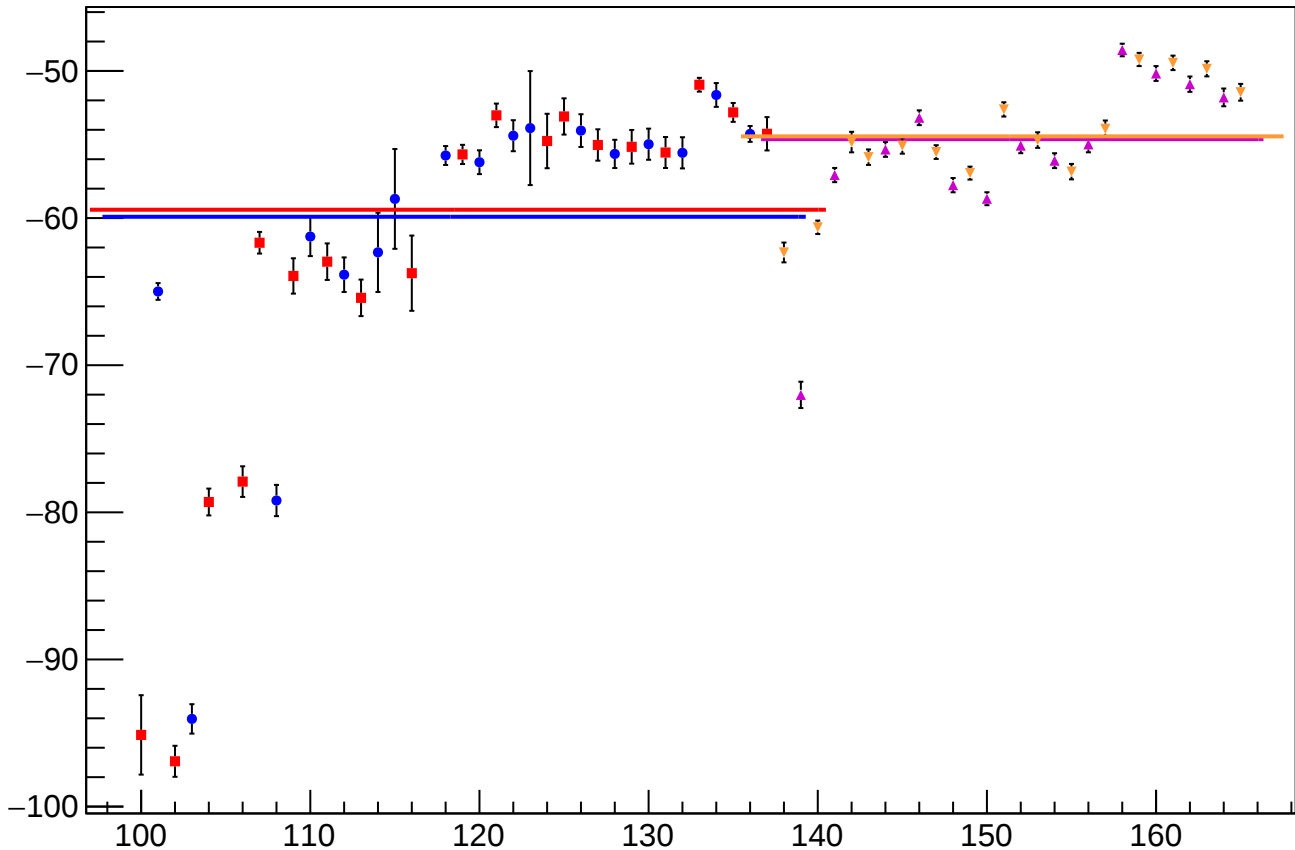
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.946+/-0.184 χ^2/NDF :328.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.111+/-0.190 χ^2/NDF :465.0/12

Left: -1.026+/-0.132 χ^2/NDF : 793.5/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.111+/-0.190 χ^2/NDF :465.0/12
 Out: -0.946+/-0.184 χ^2/NDF :328.1/14
 All: -1.026+/-0.132 χ^2/NDF : 793.5/27

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.445 ± 0.133 χ^2/NDF : 747.6/14

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.635 ± 0.142 χ^2/NDF : 899.7/12

Left: -54.534 ± 0.097 χ^2/NDF : 1648.2/27

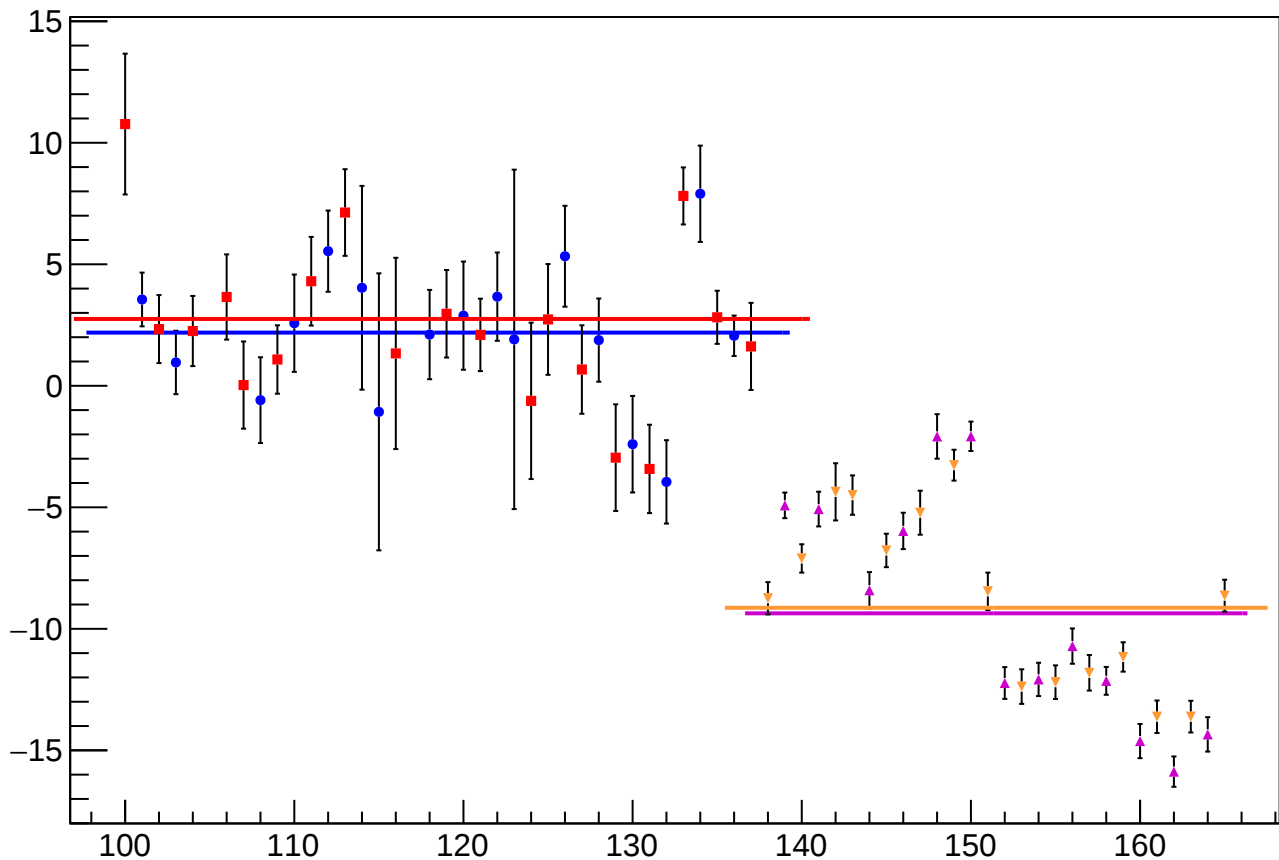
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.152 ± 0.120 χ^2/NDF : 3278.5/29

Out: -55.862 ± 0.113 χ^2/NDF : 4063.8/33

All: -55.999 ± 0.082 χ^2/NDF : 7345.5/63

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: -9.133 ± 0.181 $\chi^2/\text{NDF}: 336.0/14$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -9.362 ± 0.186 $\chi^2/\text{NDF}: 613.7/12$

Left: -9.245 ± 0.130 $\chi^2/\text{NDF}: 950.4/27$

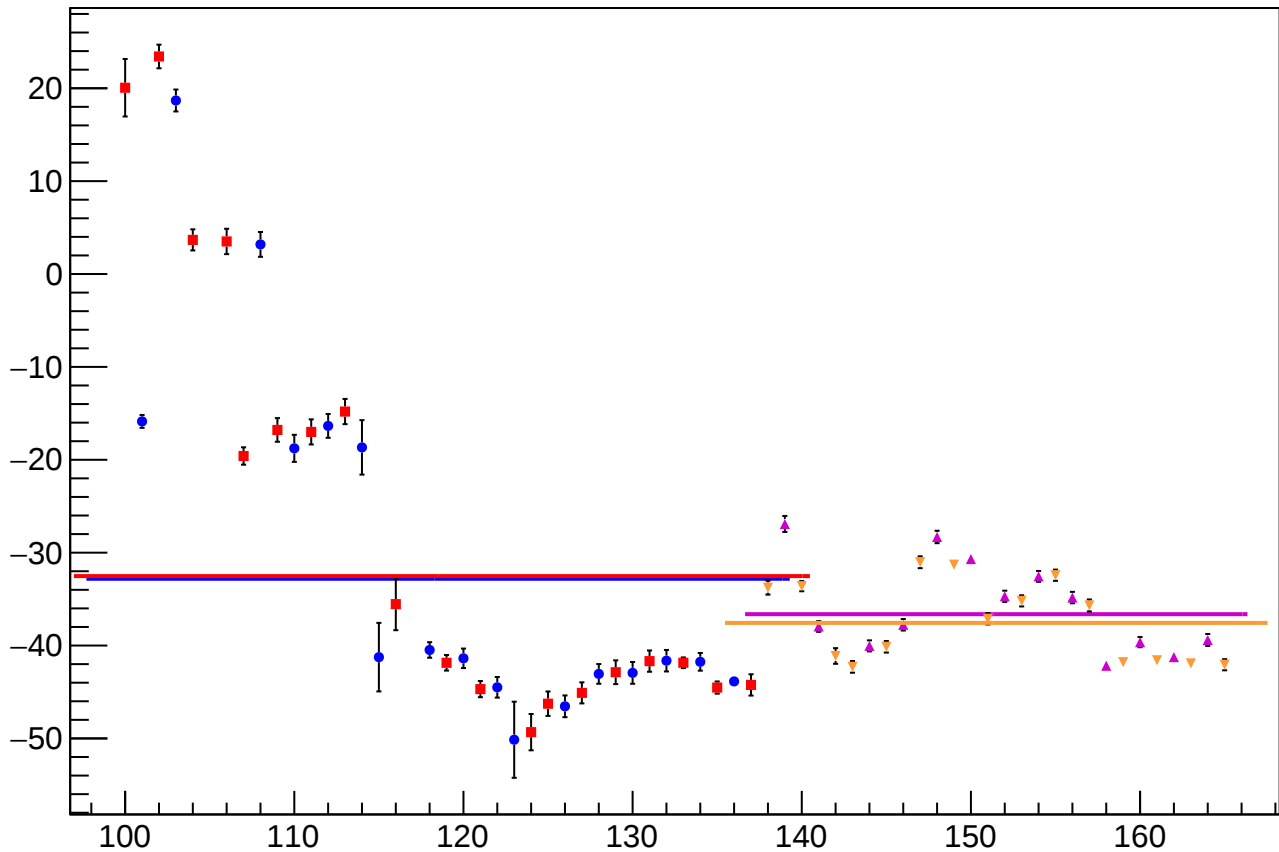
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -7.355 ± 0.169 $\chi^2/\text{NDF}: 1326.4/29$

Out: -7.004 ± 0.164 $\chi^2/\text{NDF}: 1167.1/33$

All: -7.175 ± 0.118 $\chi^2/\text{NDF}: 2495.8/63$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.560 ± 0.153 $\chi^2/\text{NDF}: 770.6/14$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.622 ± 0.162 $\chi^2/\text{NDF}: 798.3/12$

Left: -37.116 ± 0.111 $\chi^2/\text{NDF}: 1586.6/27$

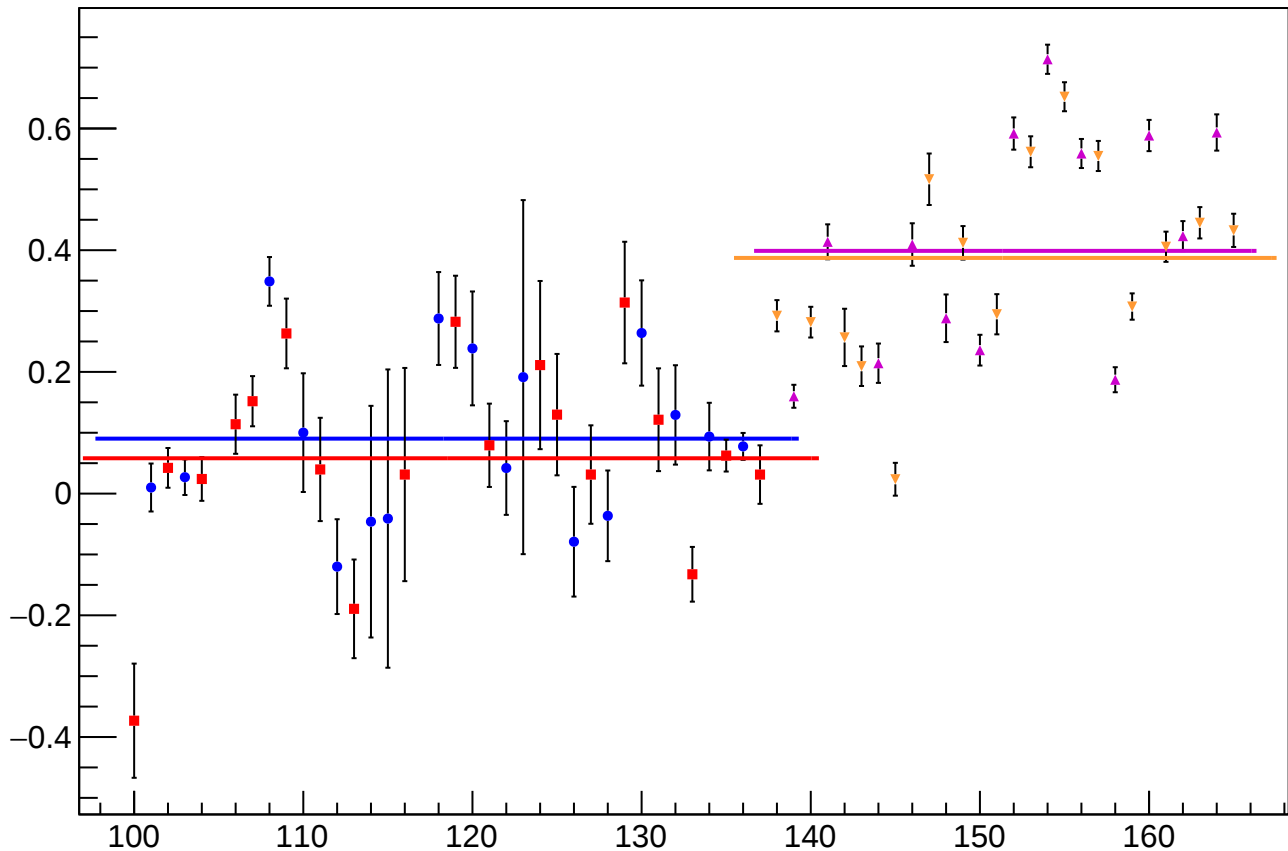
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -35.523 ± 0.136 $\chi^2/\text{NDF}: 5621.4/29$

Out: -36.129 ± 0.130 $\chi^2/\text{NDF}: 7117.0/33$

All: -35.841 ± 0.094 $\chi^2/\text{NDF}: 12748.8/63$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.387 ± 0.007 $\chi^2/\text{NDF}: 507.1/14$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.399 ± 0.007 $\chi^2/\text{NDF}: 717.2/12$

Left: 0.393 ± 0.005 $\chi^2/\text{NDF}: 1225.7/27$

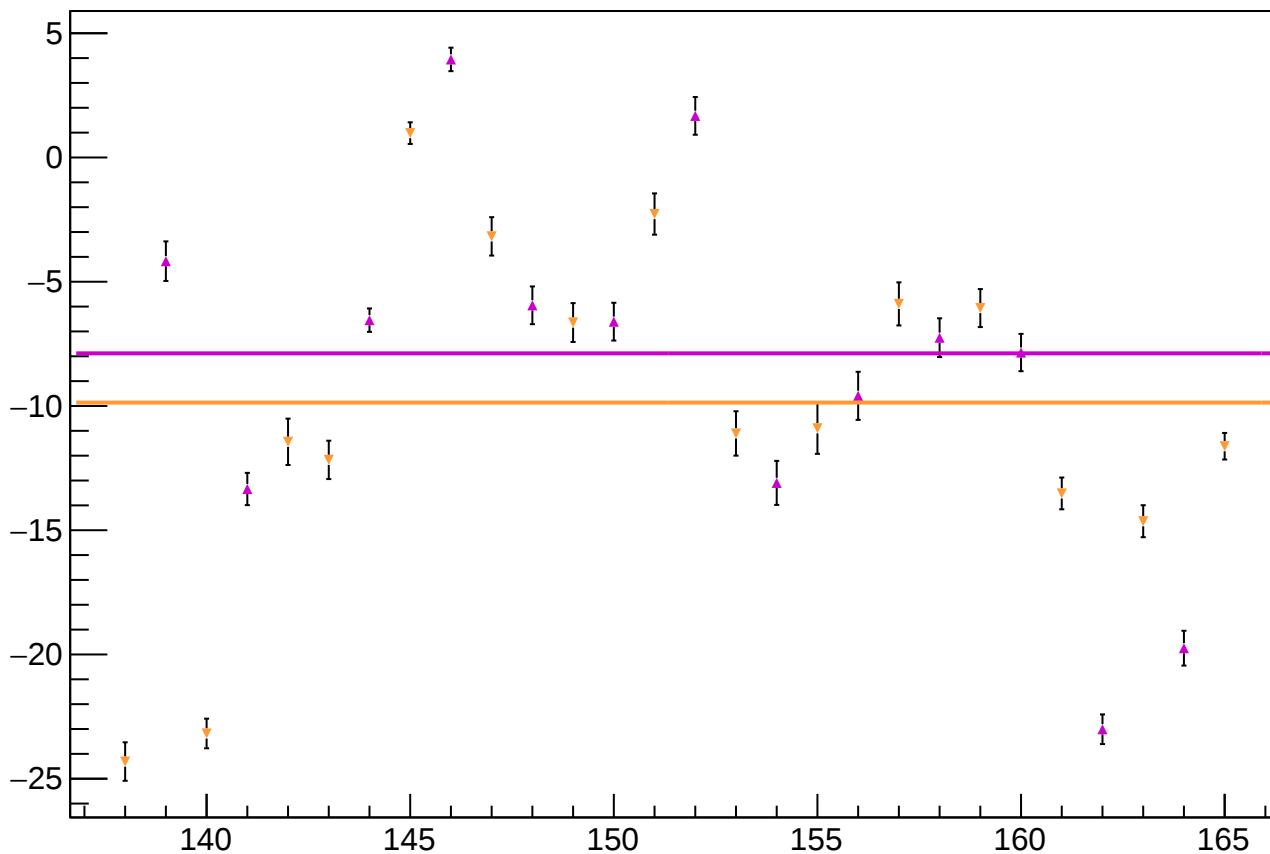
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.325 ± 0.006 $\chi^2/\text{NDF}: 1243.5/29$

Out: 0.305 ± 0.006 $\chi^2/\text{NDF}: 1144.9/33$

All: 0.314 ± 0.004 $\chi^2/\text{NDF}: 2393.9/63$

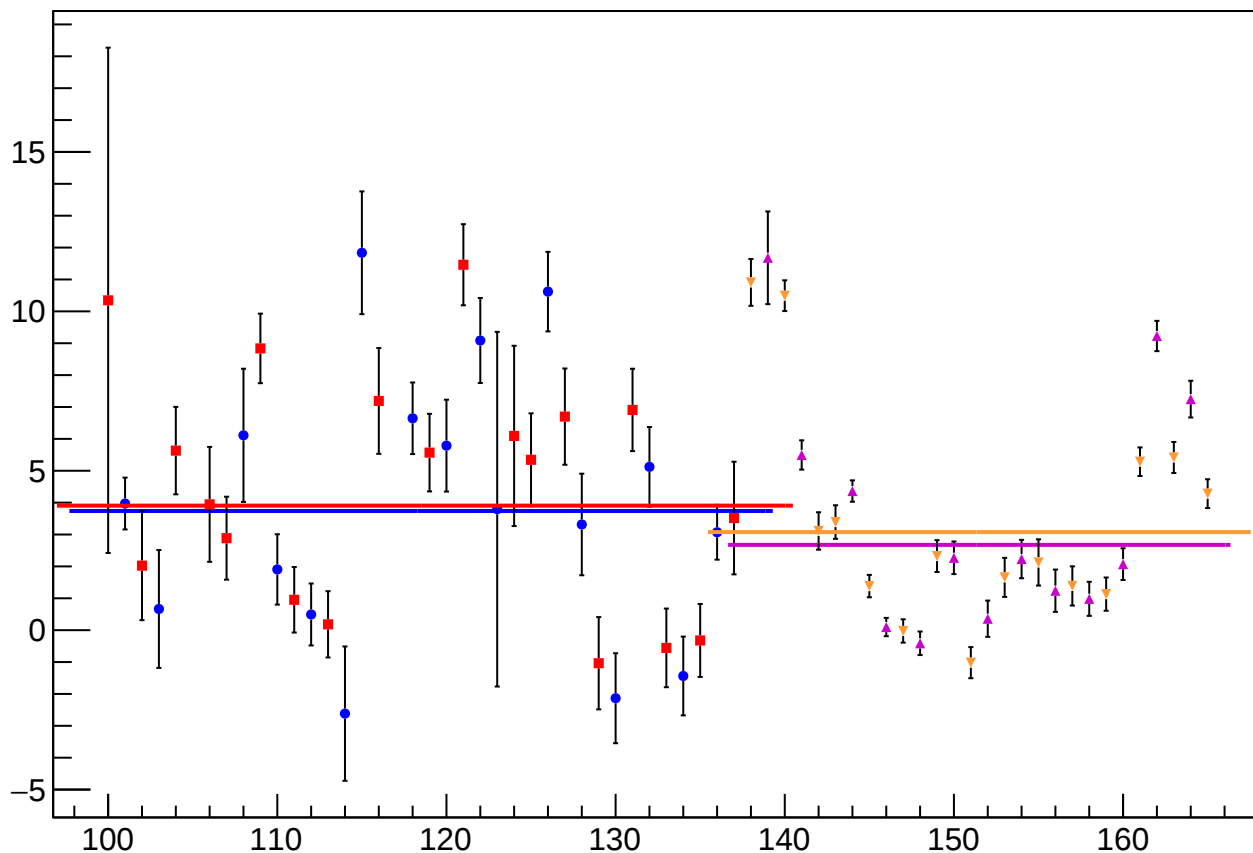
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.863+/-0.180 χ^2/NDF :1798.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.882+/-0.187 χ^2/NDF :1862.1/12

Left: -8.909+/-0.129 χ^2/NDF : 3719.3/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.882+/-0.187 χ^2/NDF :1862.1/12
 Out: -9.863+/-0.180 χ^2/NDF :1798.8/14
 All: -8.909+/-0.129 χ^2/NDF : 3719.3/27

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: 3.076 $\pm$ 0.128 χ^2 /NDF:601.1/14

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 2.676 $\pm$ 0.129 χ^2 /NDF:539.5/12

Left: 2.877 $\pm$ 0.091 χ^2 /NDF: 1145.5/27

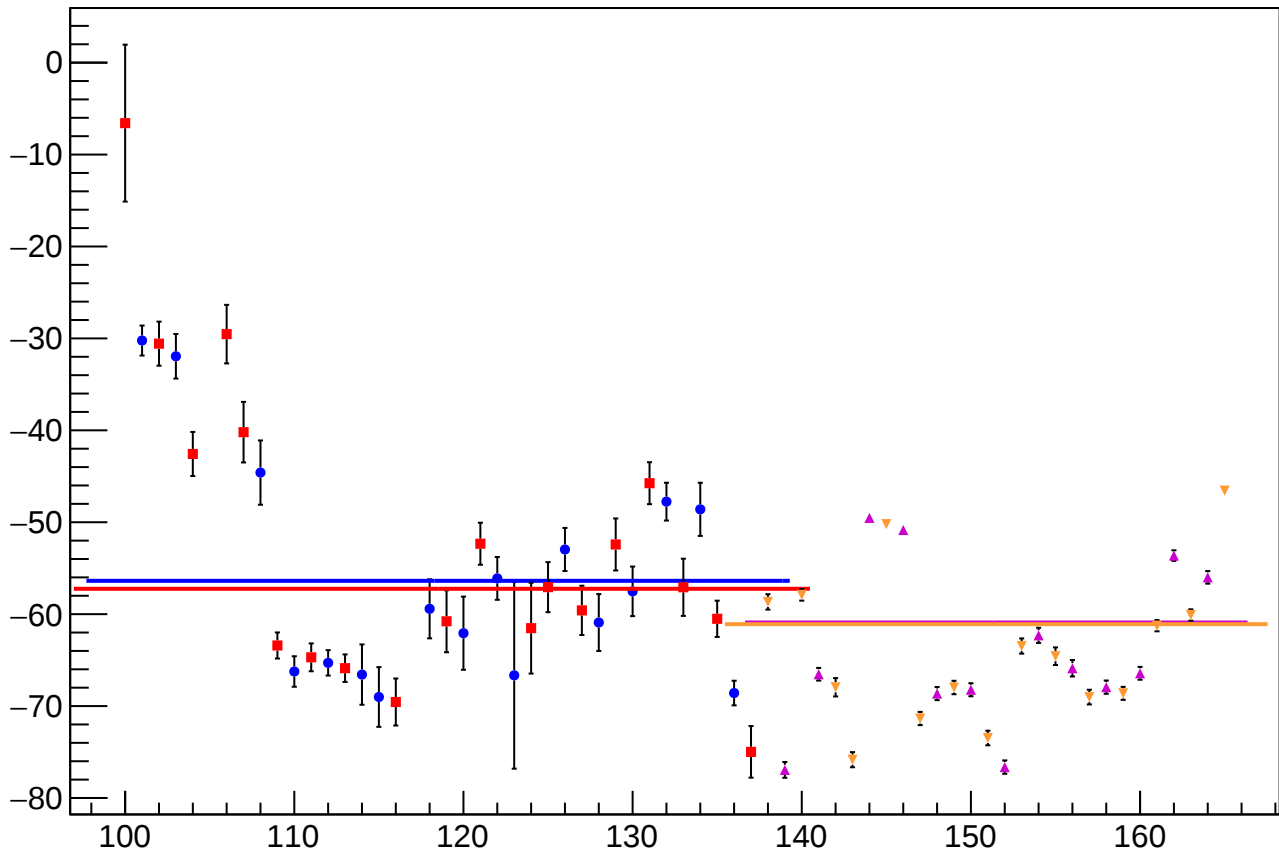
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.832 $\pm$ 0.119 χ^2 /NDF:686.4/29

Out: 3.192 $\pm$ 0.118 χ^2 /NDF:742.6/33

All: 3.013 $\pm$ 0.084 χ^2 /NDF: 1433.6/63

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: -61.088 ± 0.179 $\chi^2/\text{NDF}: 2469.2/14$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -60.908 ± 0.183 $\chi^2/\text{NDF}: 2509.1/12$

Left: -61.000 ± 0.128 $\chi^2/\text{NDF}: 4978.8/27$

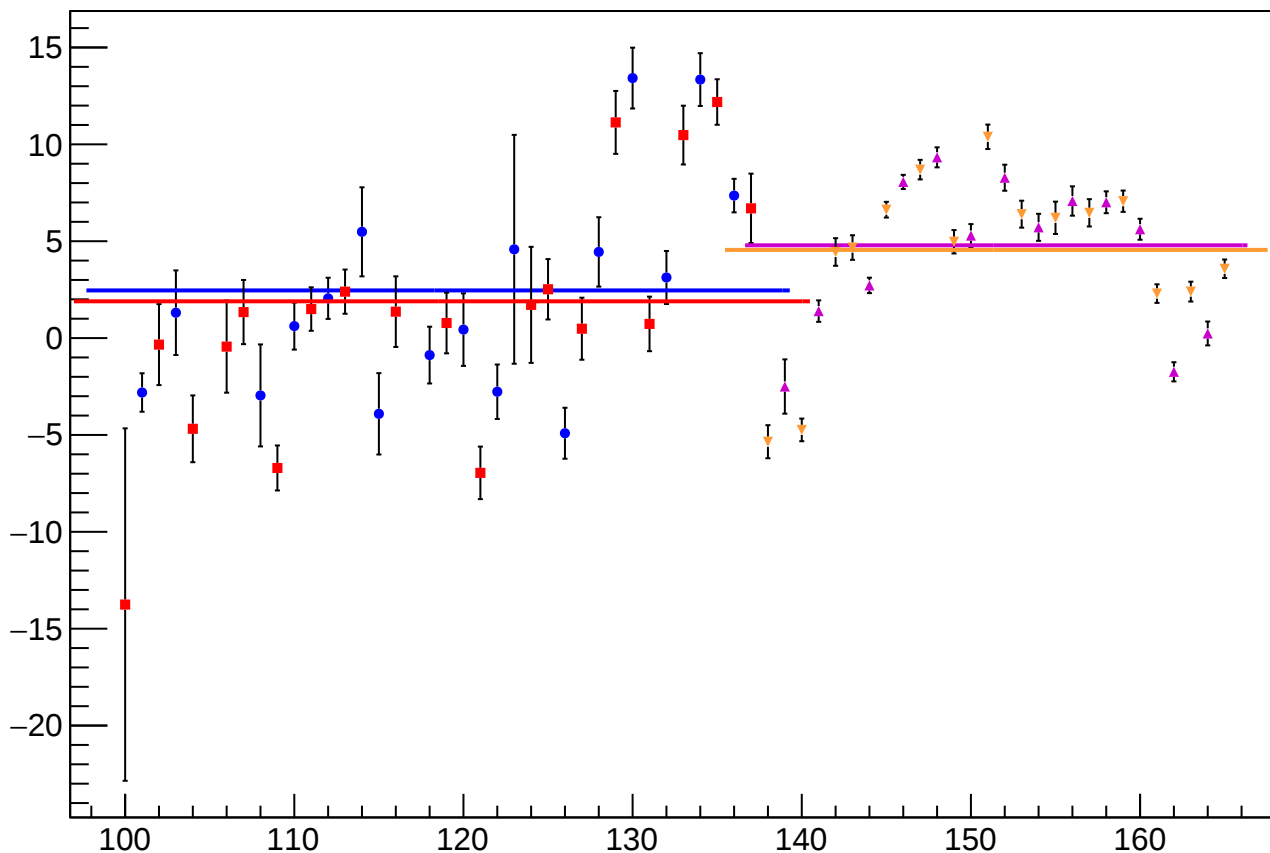
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -60.447 ± 0.173 $\chi^2/\text{NDF}: 3159.4/29$

Out: -60.703 ± 0.170 $\chi^2/\text{NDF}: 2991.9/33$

All: -60.577 ± 0.121 $\chi^2/\text{NDF}: 6152.4/63$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.552 ± 0.148 χ^2/NDF : 650.3/14

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 4.789 ± 0.152 χ^2/NDF : 534.5/12

Left: 4.668 ± 0.106 χ^2/NDF : 1186.1/27

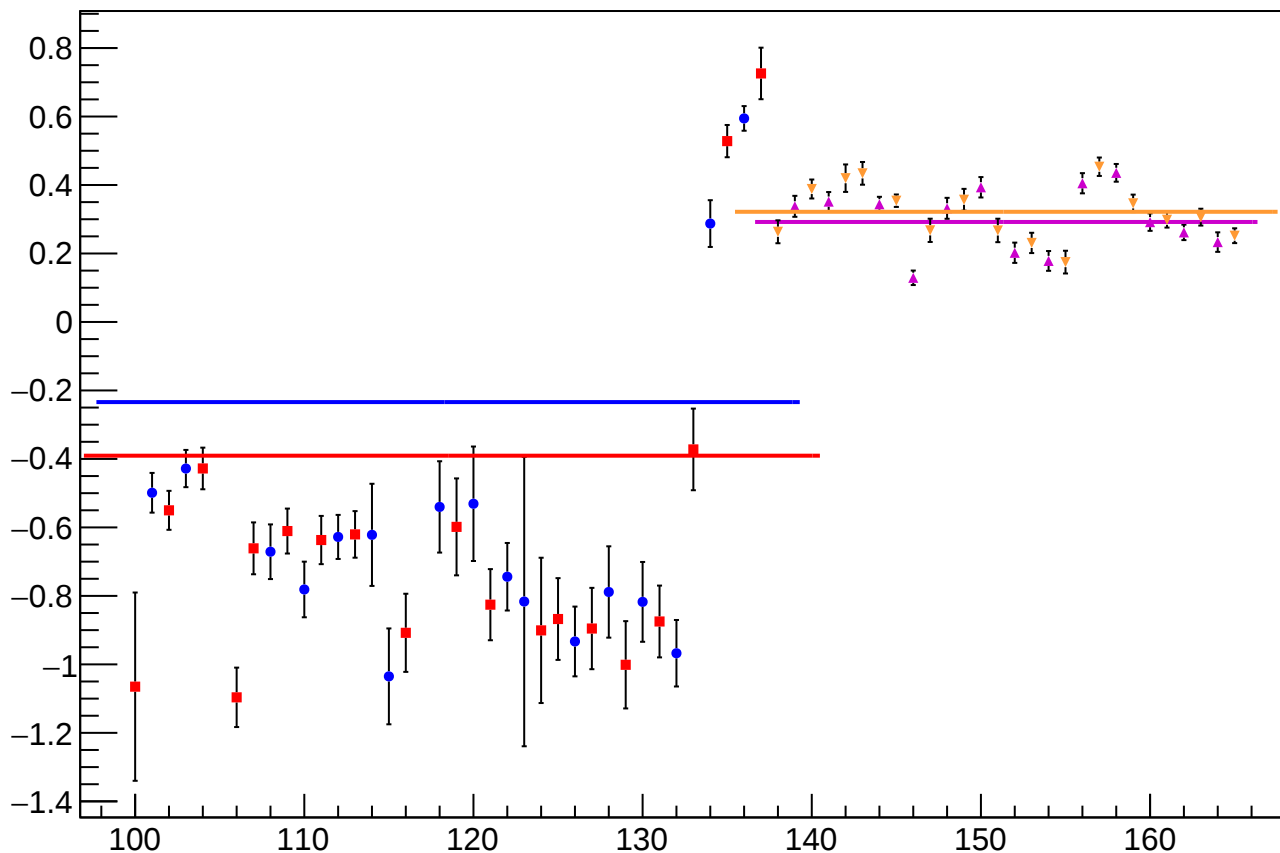
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.414 ± 0.139 χ^2/NDF : 816.4/29

Out: 4.156 ± 0.137 χ^2/NDF : 966.0/33

All: 4.283 ± 0.098 χ^2/NDF : 1784.2/63

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: 0.322 ± 0.007 χ^2/NDF : 101.5/14

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.292 ± 0.007 χ^2/NDF : 161.2/12

Left: 0.307 ± 0.005 χ^2/NDF : 271.2/27

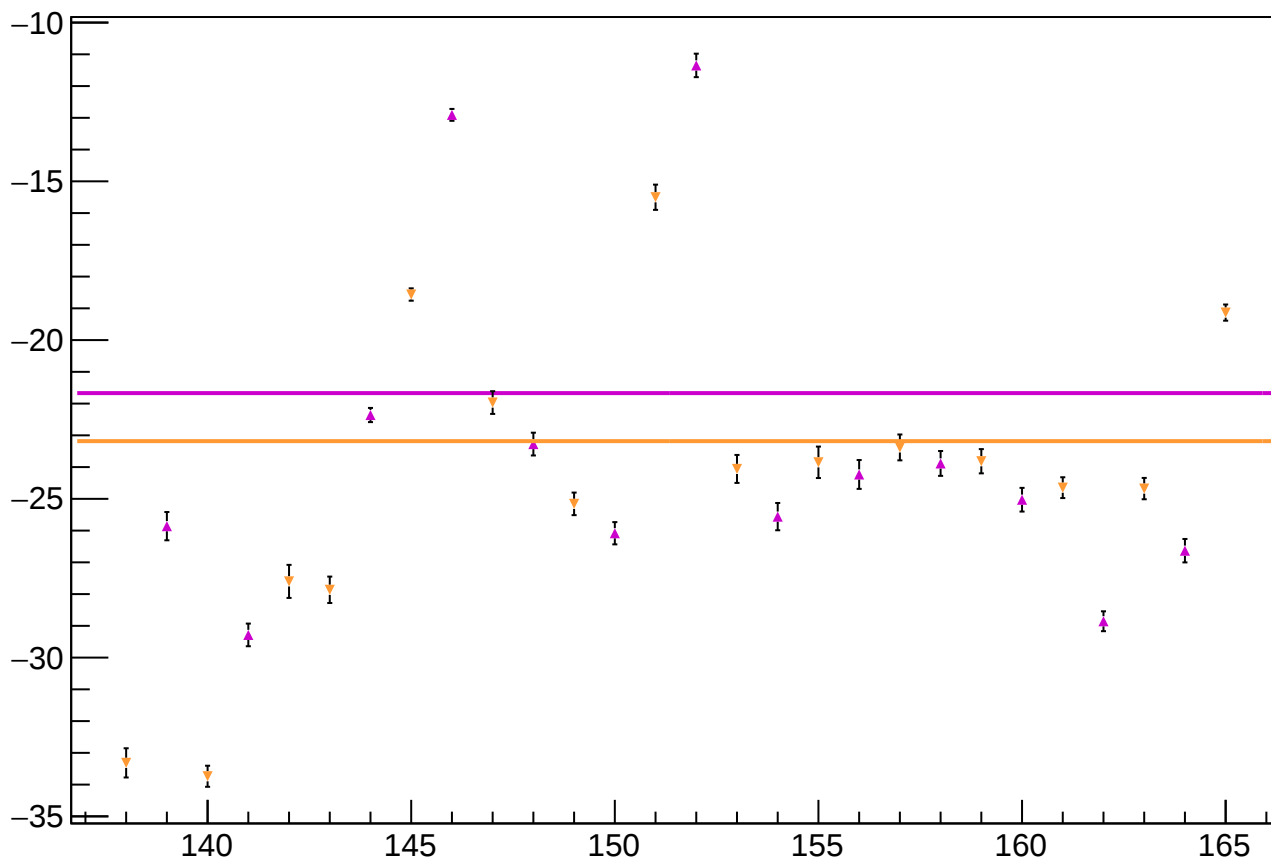
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.223 ± 0.007 χ^2/NDF : 1793.2/29

Out: 0.235 ± 0.007 χ^2/NDF : 2194.4/33

All: 0.229 ± 0.005 χ^2/NDF : 3989.2/63

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: -23.183 ± 0.089 χ^2/NDF : 2973.2/14

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -21.670 ± 0.089 χ^2/NDF : 4631.3/12

Left: -22.430 ± 0.063 χ^2/NDF : 7749.5/27

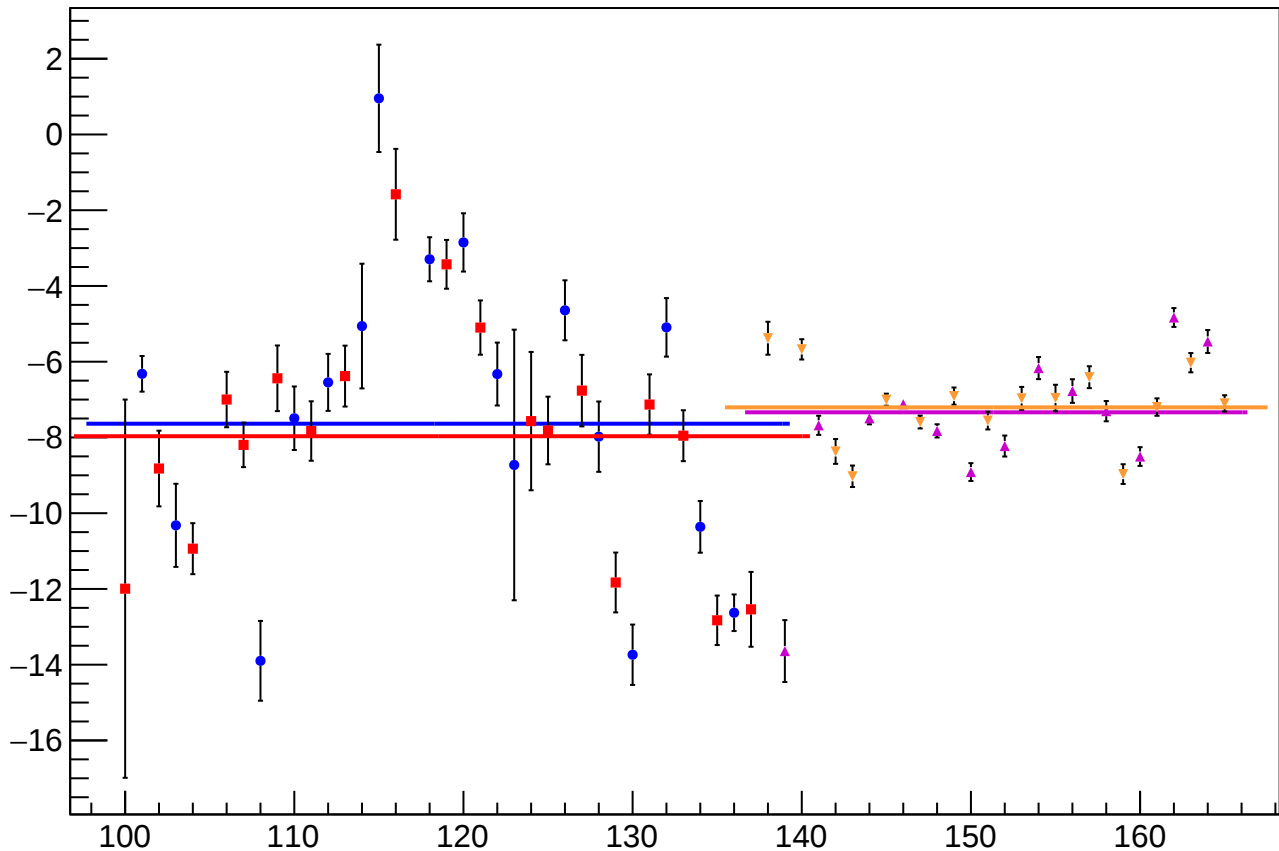
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -21.670 ± 0.089 χ^2/NDF : 4631.3/12

Out: -23.183 ± 0.089 χ^2/NDF : 2973.2/14

All: -22.430 ± 0.063 χ^2/NDF : 7749.5/27

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: -7.205 ± 0.063 χ^2/NDF : 191.2/14

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.336 ± 0.061 χ^2/NDF : 309.8/12

Left: -7.273 ± 0.044 χ^2/NDF : 503.2/27

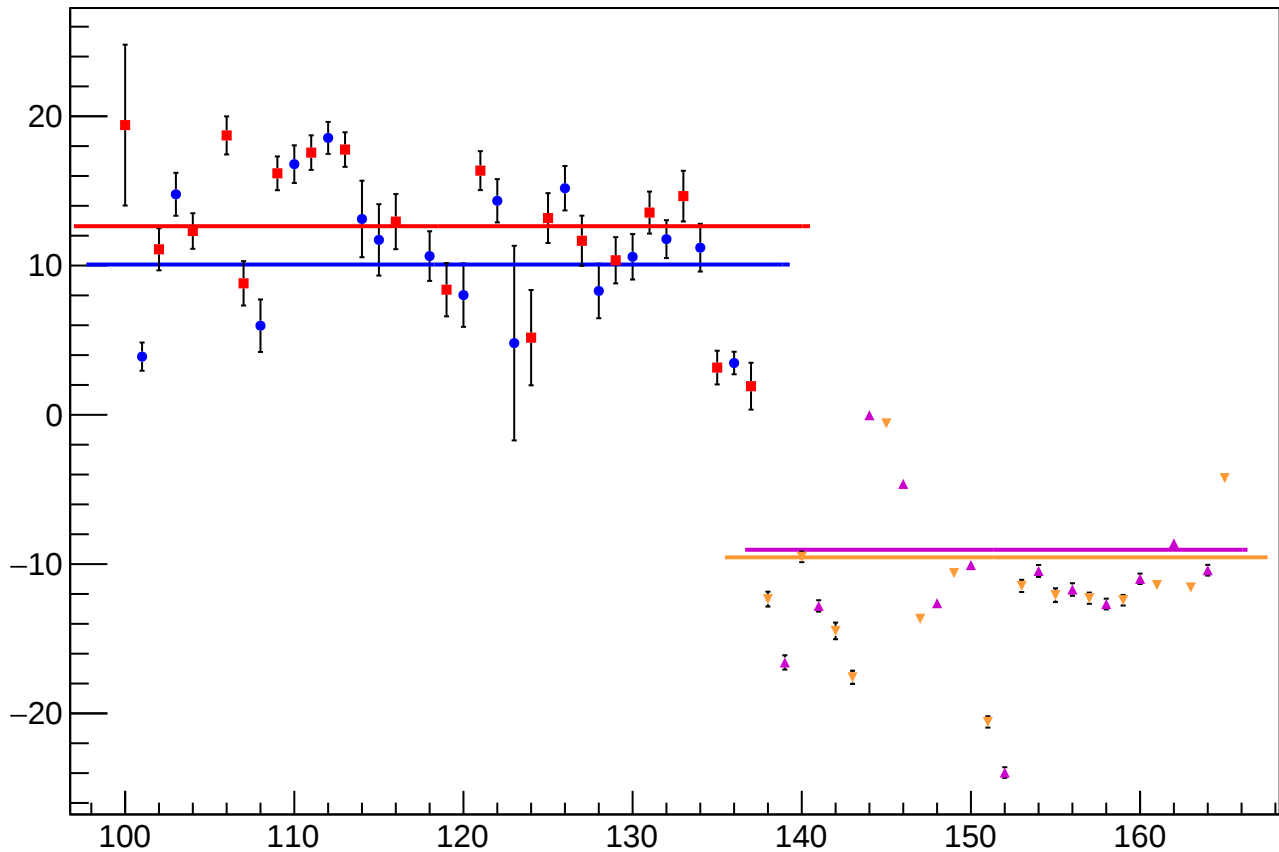
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.365 ± 0.058 χ^2/NDF : 706.2/29

Out: -2.283 ± 0.059 χ^2/NDF : 433.5/33

All: -7.325 ± 0.041 χ^2/NDF : 1140.6/63

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: -9.546 ± 0.088 $\chi^2/\text{NDF}: 4019.7/14$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -9.039 ± 0.087 $\chi^2/\text{NDF}: 4463.0/12$

Left: -9.290 ± 0.062 $\chi^2/\text{NDF}: 8499.5/27$

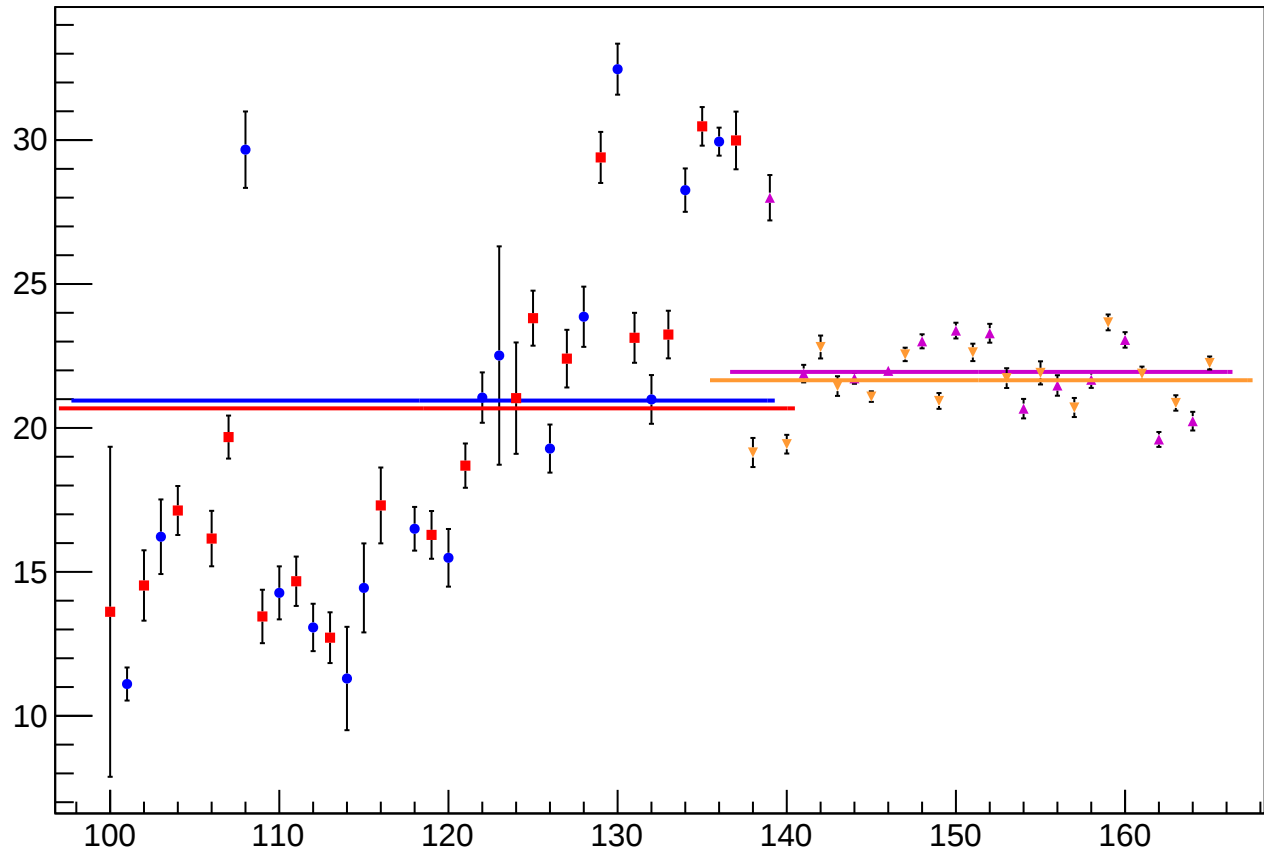
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -7.849 ± 0.084 $\chi^2/\text{NDF}: 7723.5/29$

Out: -8.101 ± 0.085 $\chi^2/\text{NDF}: 8401.3/33$

All: -7.974 ± 0.060 $\chi^2/\text{NDF}: 16129.3/63$

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: 21.657 $\pm$ 0.073 χ^2 /NDF: 200.3/14

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.947 $\pm$ 0.072 χ^2 /NDF: 267.4/12

Left: 21.804 $\pm$ 0.051 χ^2 /NDF: 475.7/27

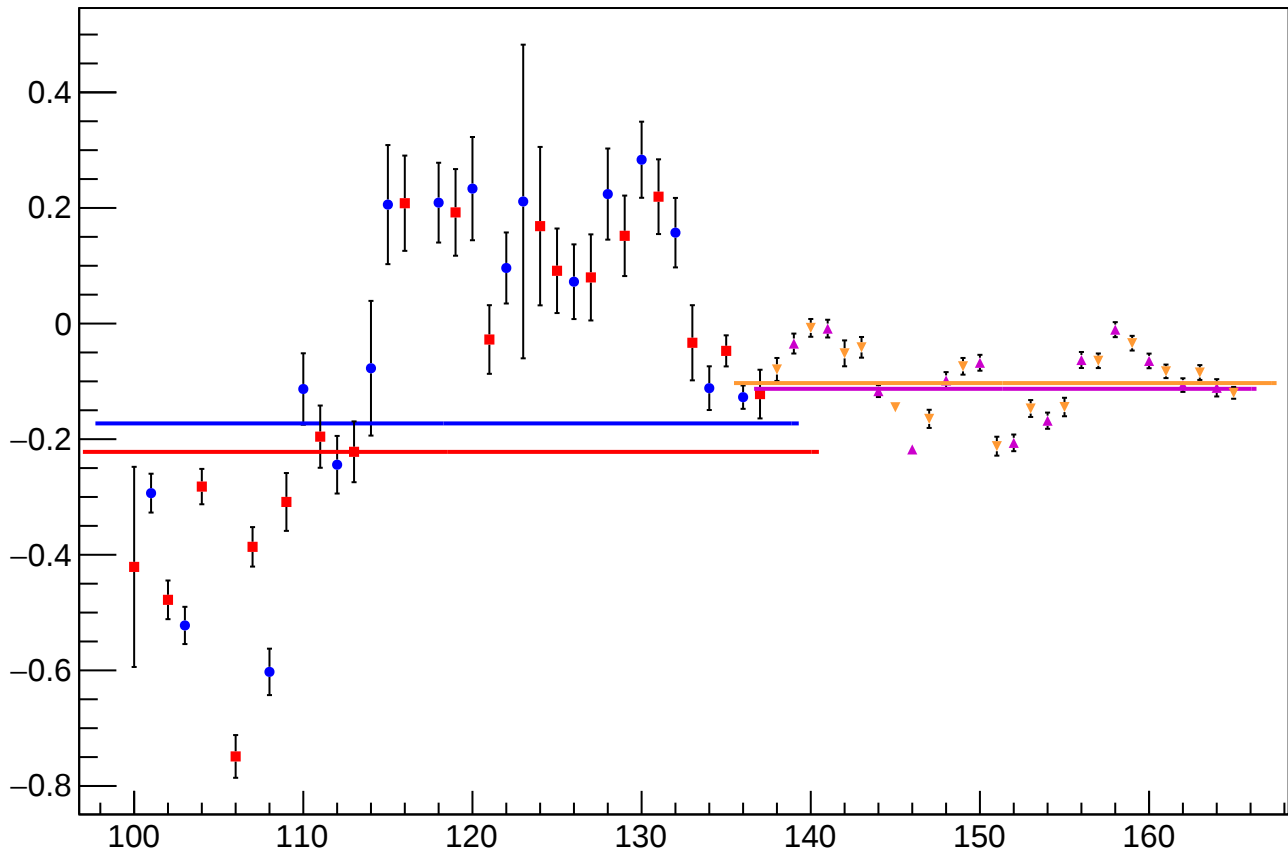
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.842 $\pm$ 0.068 χ^2 /NDF: 1510.4/29

Out: 21.554 $\pm$ 0.069 χ^2 /NDF: 947.6/33

All: 21.700 $\pm$ 0.048 χ^2 /NDF: 2466.8/63

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: -0.103 ± 0.003 χ^2/NDF : 210.1/14

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.113 ± 0.004 χ^2/NDF : 380.3/12

Left: -0.108 ± 0.002 χ^2/NDF : 594.4/27

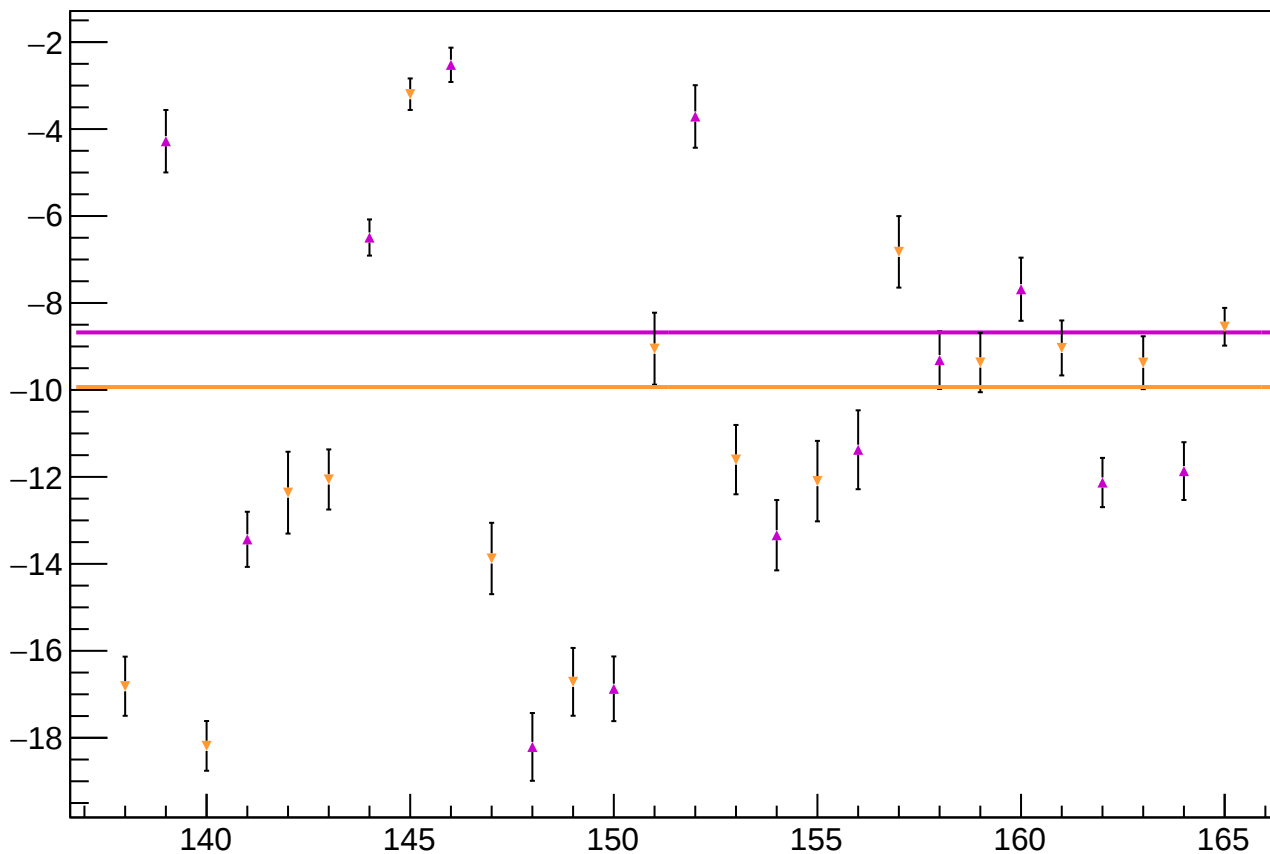
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.118 ± 0.003 χ^2/NDF : 866.6/29

Out: -0.114 ± 0.003 χ^2/NDF : 854.1/33

All: -0.116 ± 0.002 χ^2/NDF : 1721.7/63

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.933+/-0.163 χ^2/NDF : 809.2/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.677+/-0.171 χ^2/NDF : 788.6/12

Left: -9.333+/-0.118 χ^2/NDF : 1626.1/27

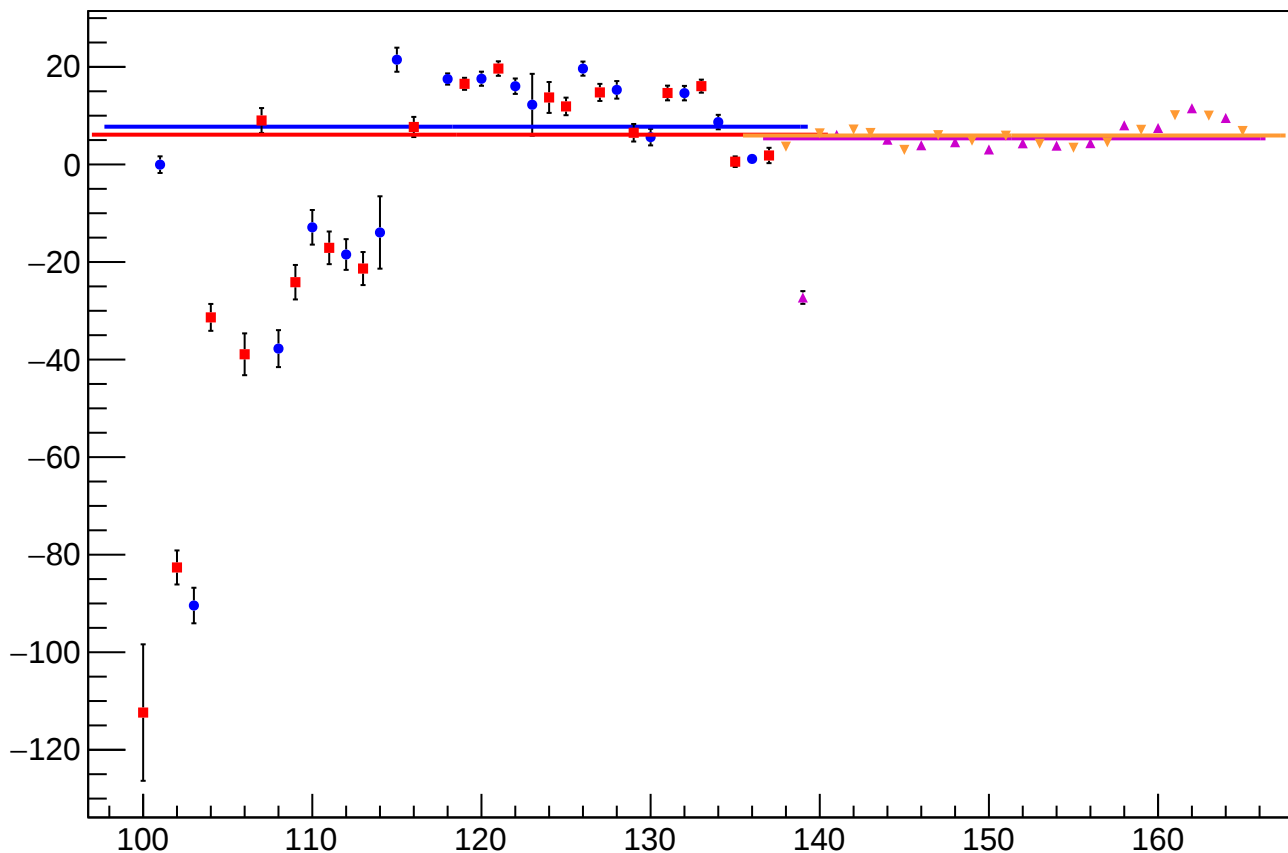
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.677+/-0.171 χ^2/NDF : 788.6/12

Out: -9.933+/-0.163 χ^2/NDF : 809.2/14

All: -9.333+/-0.118 χ^2/NDF : 1626.1/27

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.937 ± 0.118 χ^2/NDF : 337.0/14

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.351 ± 0.119 χ^2/NDF : 995.8/12

Left: 5.647 ± 0.084 χ^2/NDF : 1344.9/27

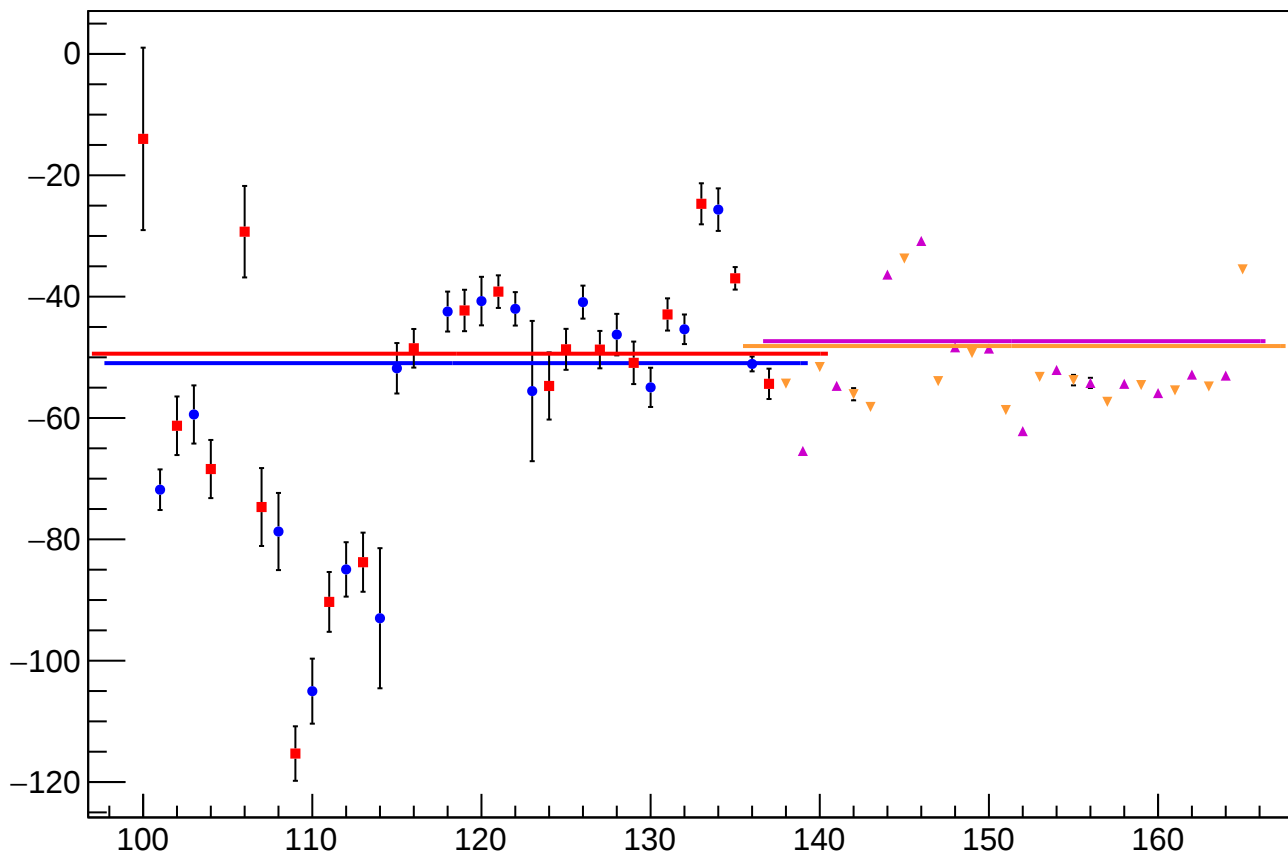
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.544 ± 0.114 χ^2/NDF : 2387.0/29

Out: 5.948 ± 0.114 χ^2/NDF : 1854.8/33

All: 5.747 ± 0.081 χ^2/NDF : 4248.2/63

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -48.142 ± 0.163 χ^2/NDF : 3448.9/14

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -47.336 ± 0.167 χ^2/NDF : 4205.5/12

Left: -47.750 ± 0.117 χ^2/NDF : 7666.3/27

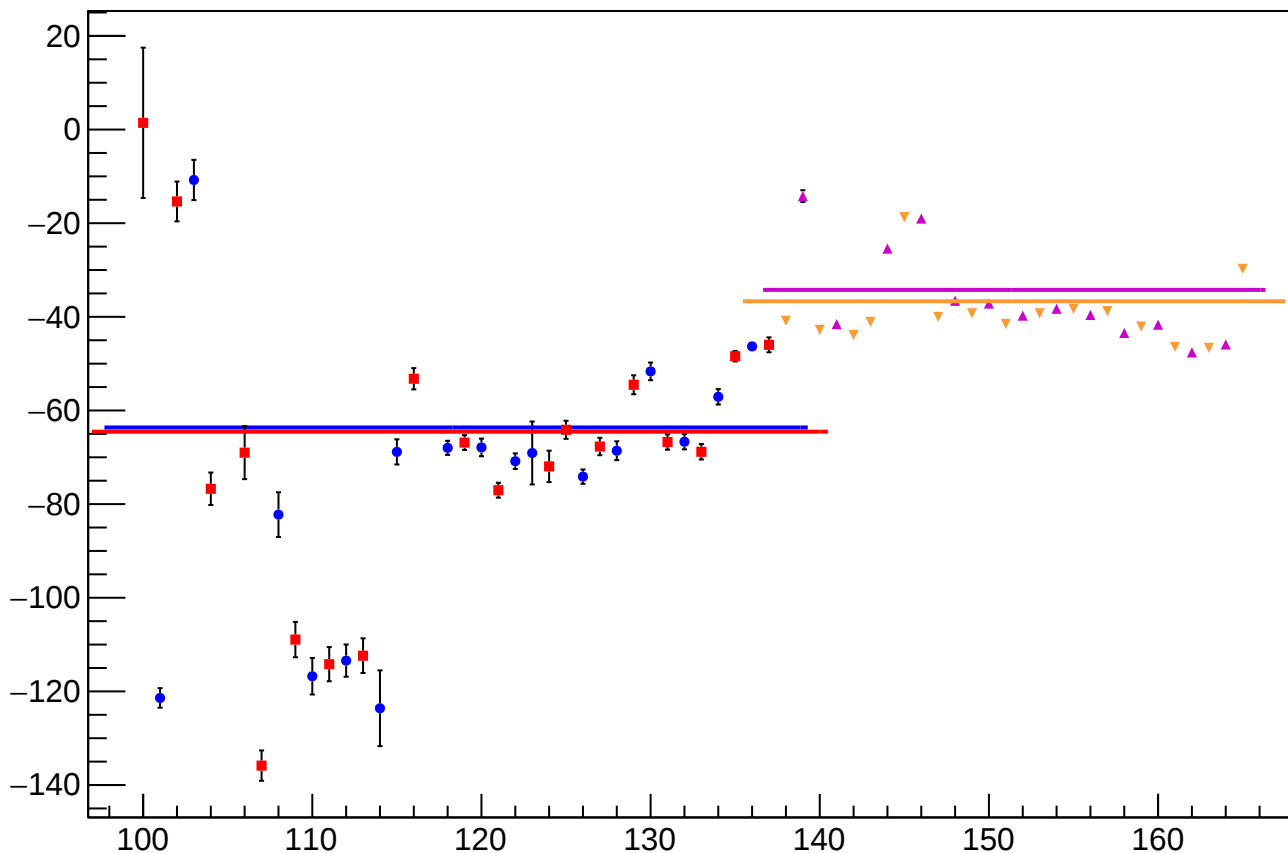
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -47.514 ± 0.163 χ^2/NDF : 4560.3/29

Out: -48.192 ± 0.160 χ^2/NDF : 3963.3/33

All: -47.861 ± 0.114 χ^2/NDF : 8532.4/63

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: -36.674 ± 0.136 χ^2/NDF : 4640.6/14

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -34.245 ± 0.140 χ^2/NDF : 5396.6/12

Left: -35.492 ± 0.098 χ^2/NDF : 10192.0/27

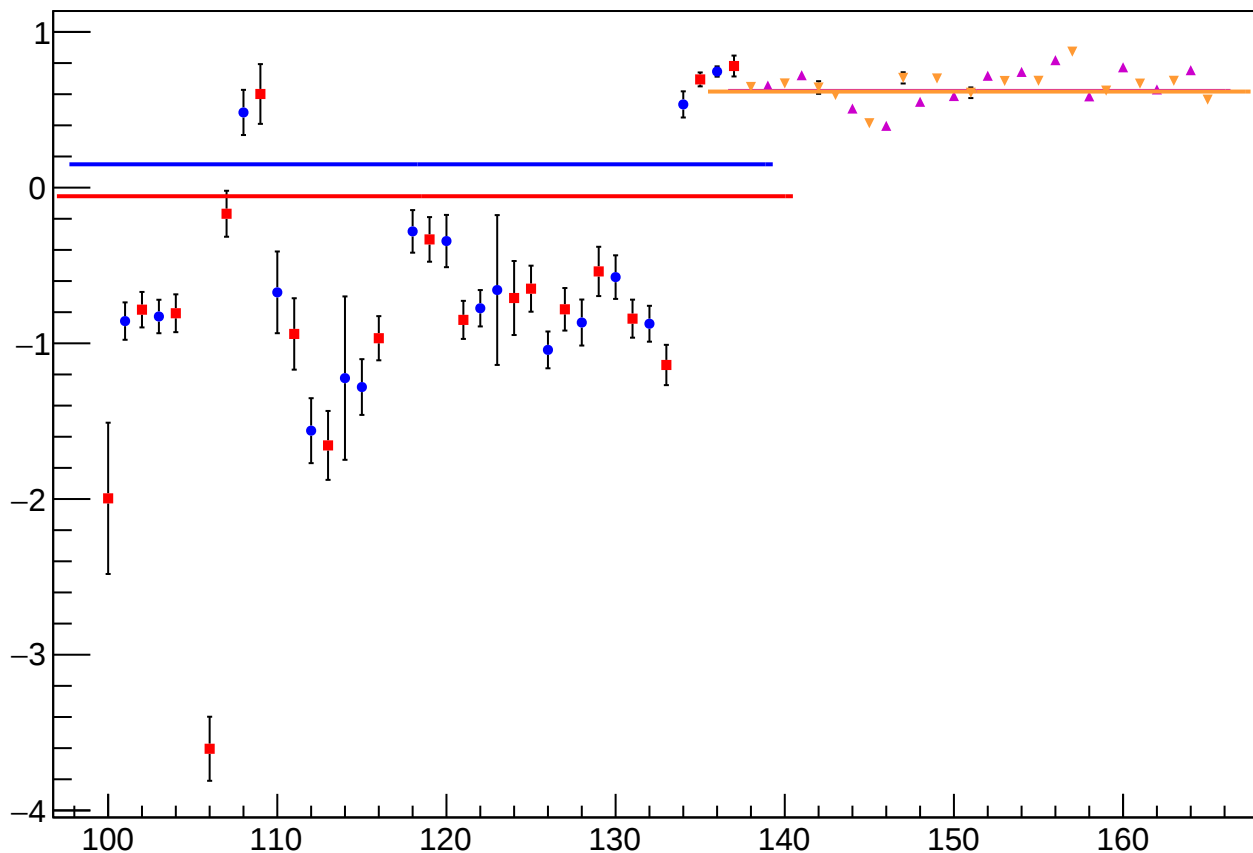
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -36.879 ± 0.133 χ^2/NDF : 11362.7/29

Out: -38.735 ± 0.131 χ^2/NDF : 9345.5/33

All: -37.824 ± 0.094 χ^2/NDF : 20806.6/63

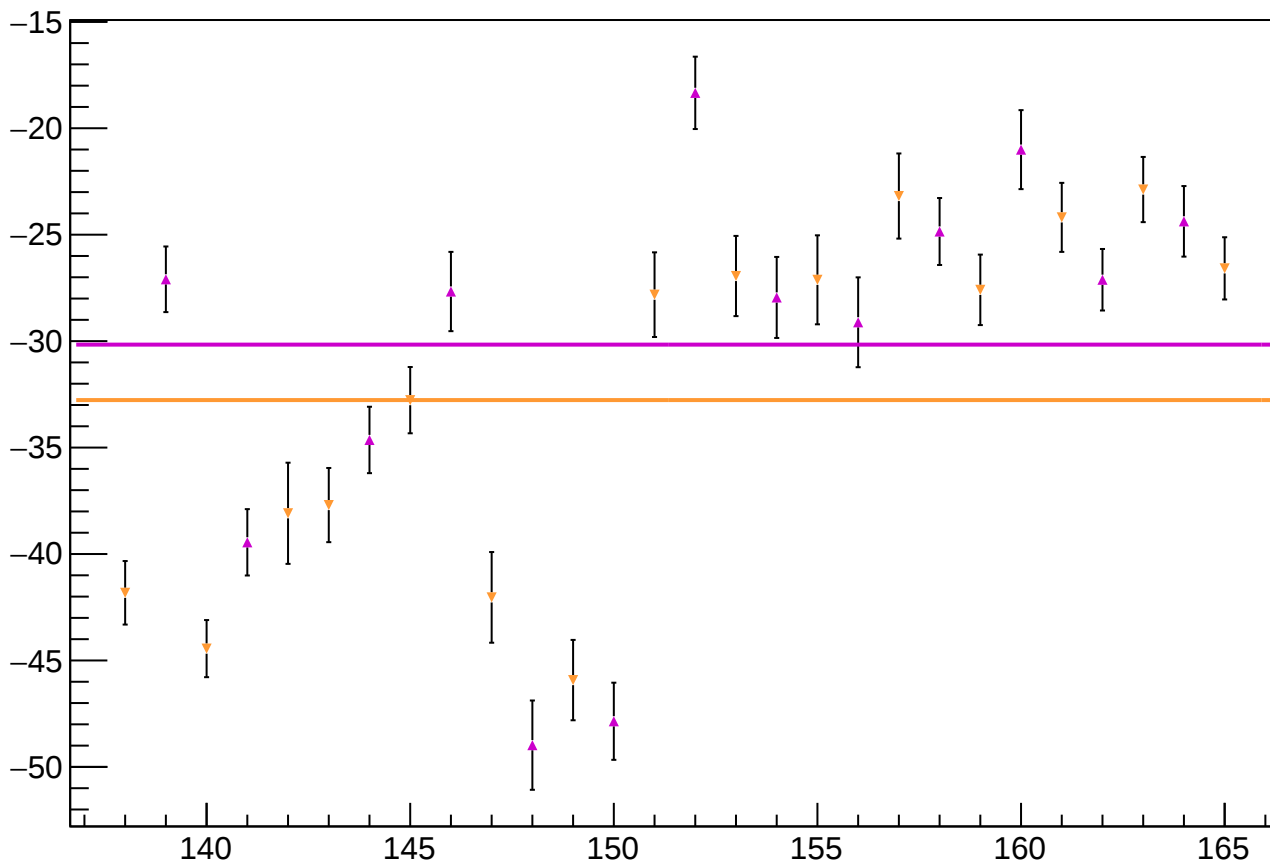
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.617 ± 0.006 χ^2/NDF : 333.8/14
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.621 ± 0.007 χ^2/NDF : 362.8/12

Left: 0.619 ± 0.005 χ^2/NDF : 696.8/27
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.586 ± 0.006 χ^2/NDF : 1709.6/29
 Out: 0.579 ± 0.006 χ^2/NDF : 2125.5/33
 All: 0.583 ± 0.004 χ^2/NDF : 3835.8/63

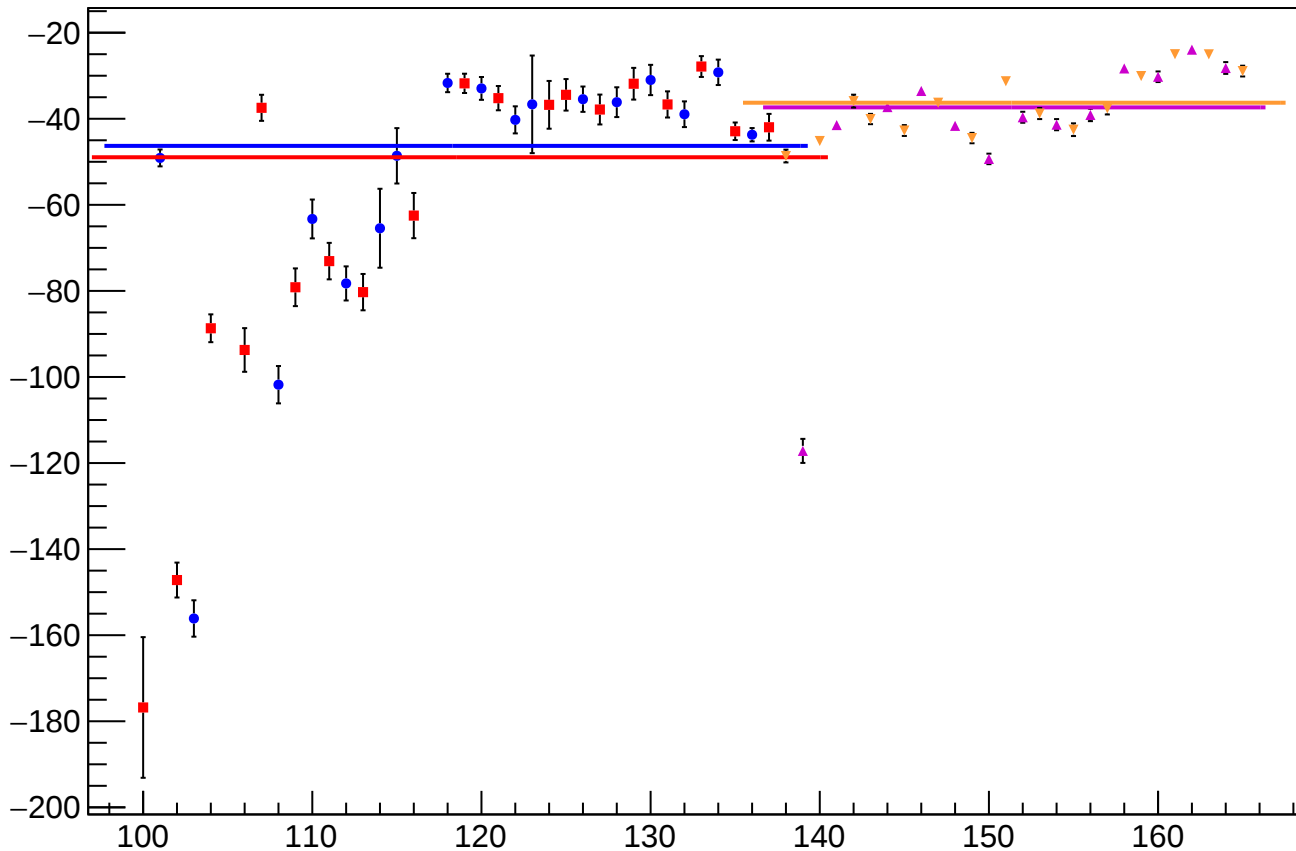
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.769+/-0.444 χ^2/NDF :336.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.164+/-0.474 χ^2/NDF :327.8/12

Left: -31.553+/-0.324 χ^2/NDF : 680.4/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -30.164+/-0.474 χ^2/NDF :327.8/12
 Out: -32.769+/-0.444 χ^2/NDF :336.5/14
 All: -31.553+/-0.324 χ^2/NDF : 680.4/27

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: -36.273 ± 0.318 $\chi^2/\text{NDF}: 514.2/14$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -37.357 ± 0.341 $\chi^2/\text{NDF}: 1251.8/12$

Left: -36.777 ± 0.232 $\chi^2/\text{NDF}: 1771.4/27$

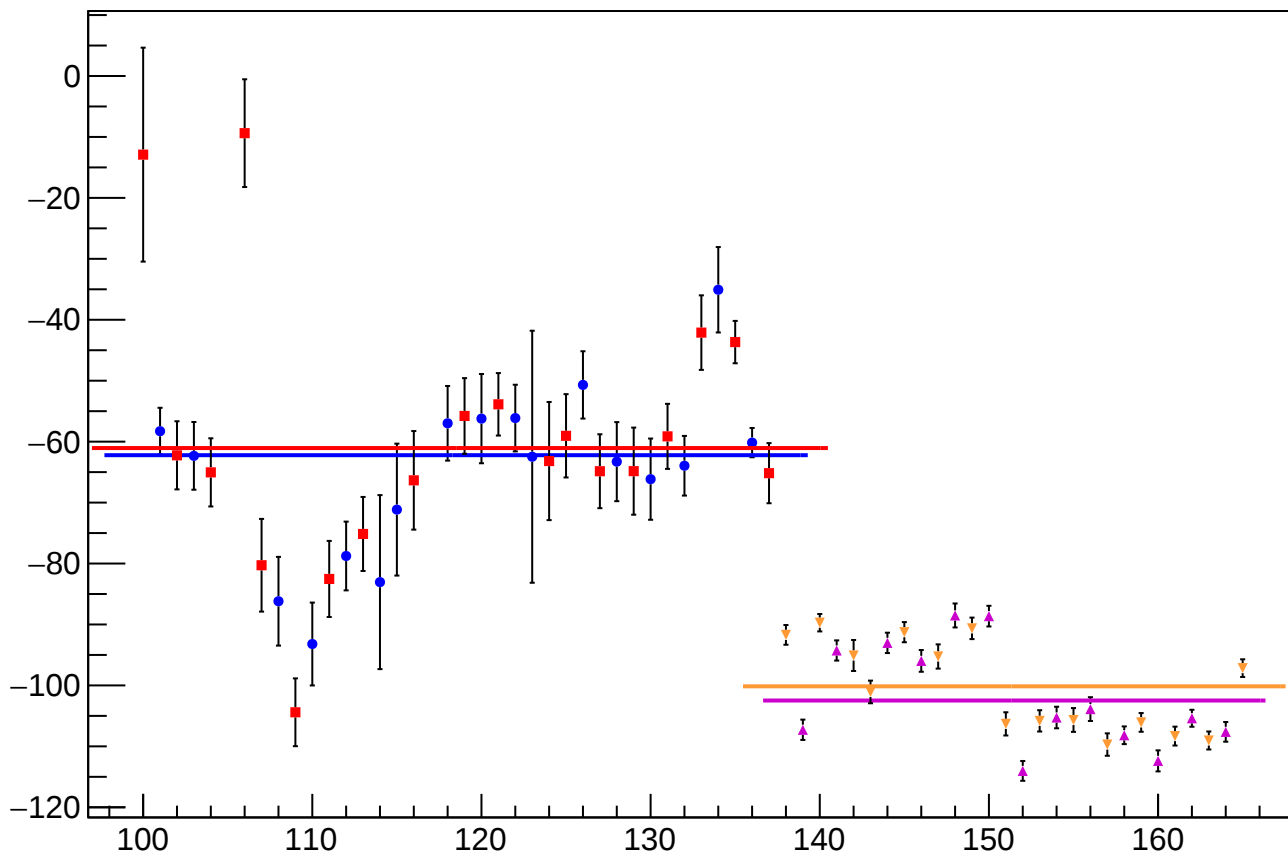
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -38.981 ± 0.308 $\chi^2/\text{NDF}: 2460.8/29$

Out: -38.147 ± 0.293 $\chi^2/\text{NDF}: 2023.1/33$

All: -38.543 ± 0.212 $\chi^2/\text{NDF}: 4487.8/63$

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: -100.151 ± 0.439 χ^2/NDF : 287.9/14

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -102.478 ± 0.463 χ^2/NDF : 311.7/12

Left: -101.254 ± 0.318 χ^2/NDF : 612.9/27

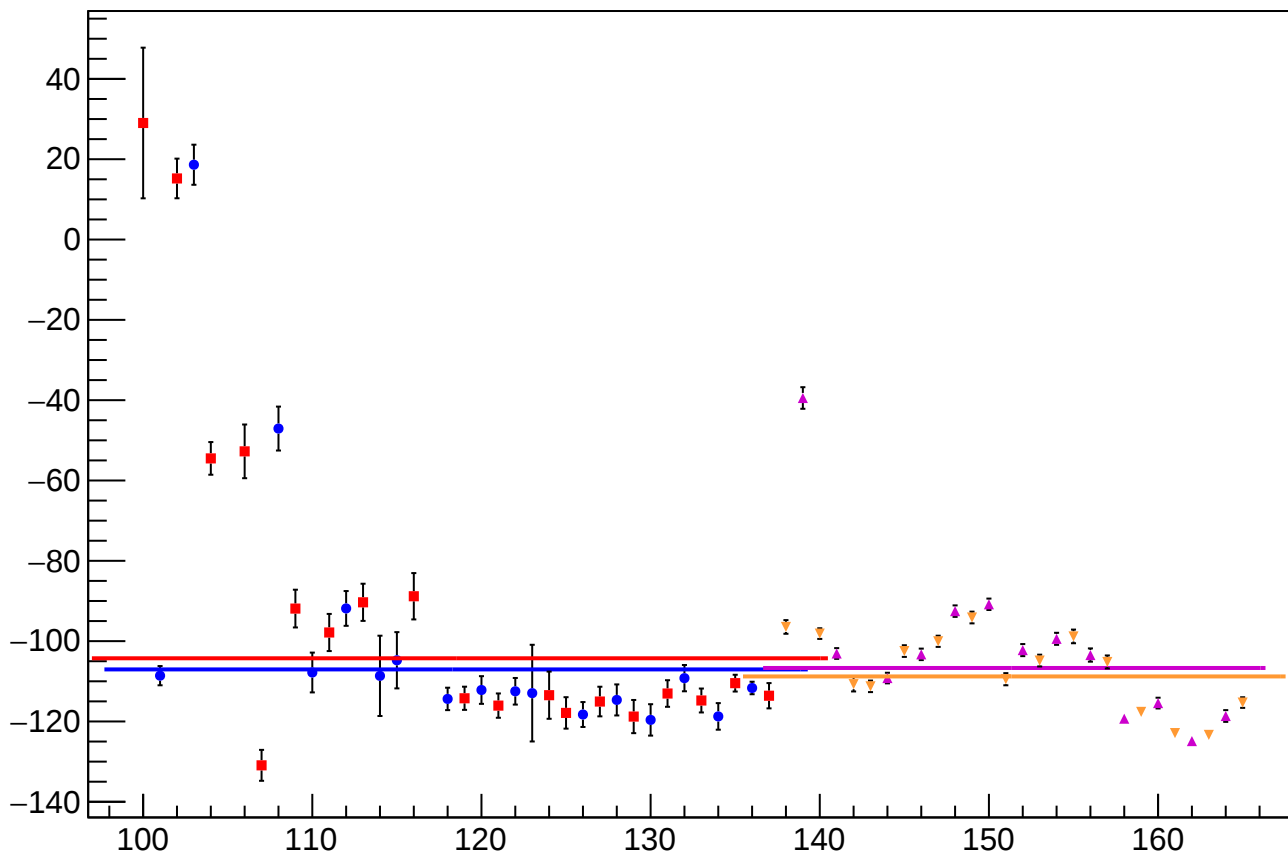
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -98.025 ± 0.436 χ^2/NDF : 1216.9/29

Out: -96.552 ± 0.418 χ^2/NDF : 1184.2/33

All: -97.258 ± 0.302 χ^2/NDF : 2407.0/63

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -108.788 ± 0.368 χ^2/NDF : 682.2/14

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -106.682 ± 0.393 χ^2/NDF : 1360.7/12

Left: -107.805 ± 0.268 χ^2/NDF : 2058.2/27

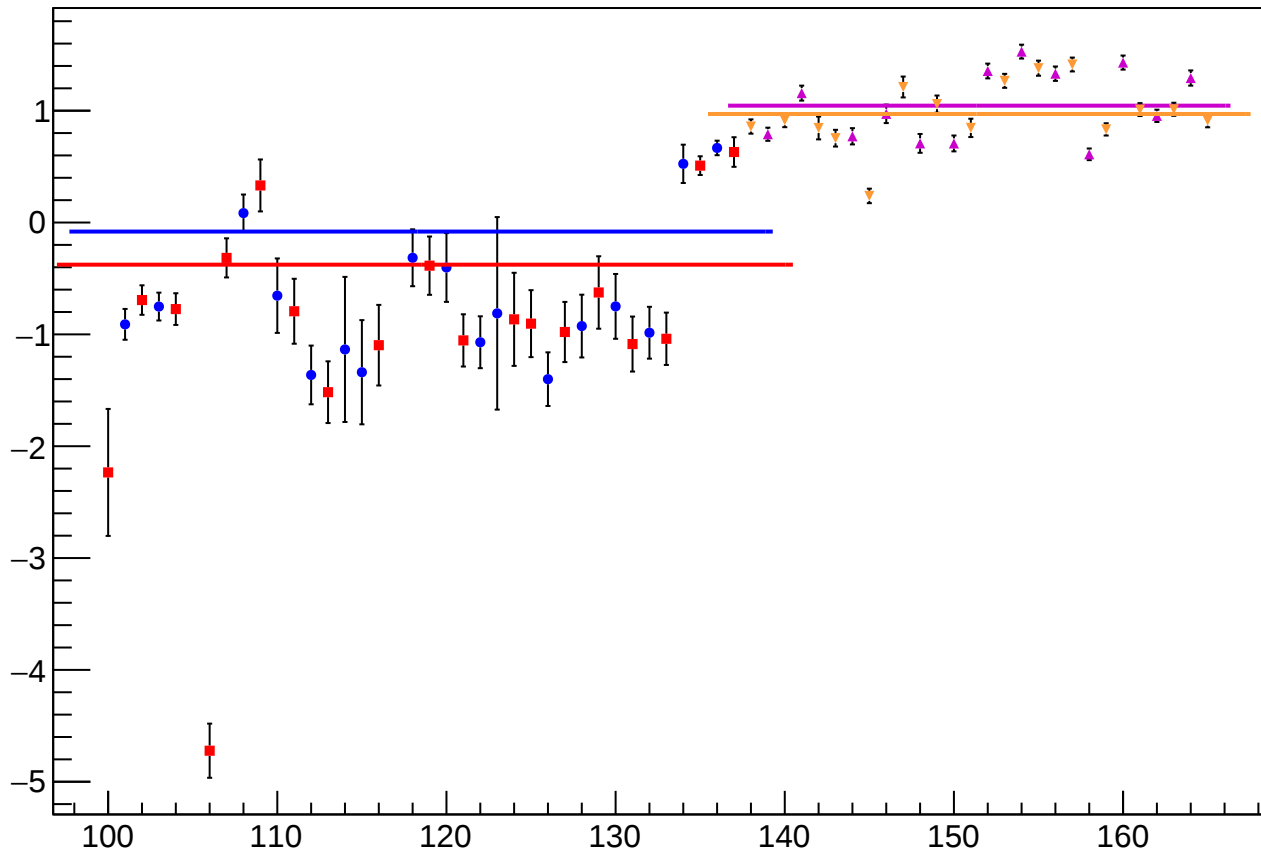
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -106.750 ± 0.354 χ^2/NDF : 2188.7/29

Out: -108.090 ± 0.338 χ^2/NDF : 1723.6/33

All: -107.450 ± 0.244 χ^2/NDF : 3919.7/63

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: 0.971 ± 0.017 χ^2/NDF : 269.9/14

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.045 ± 0.018 χ^2/NDF : 300.5/12

Left: 1.006 ± 0.012 χ^2/NDF : 579.4/27

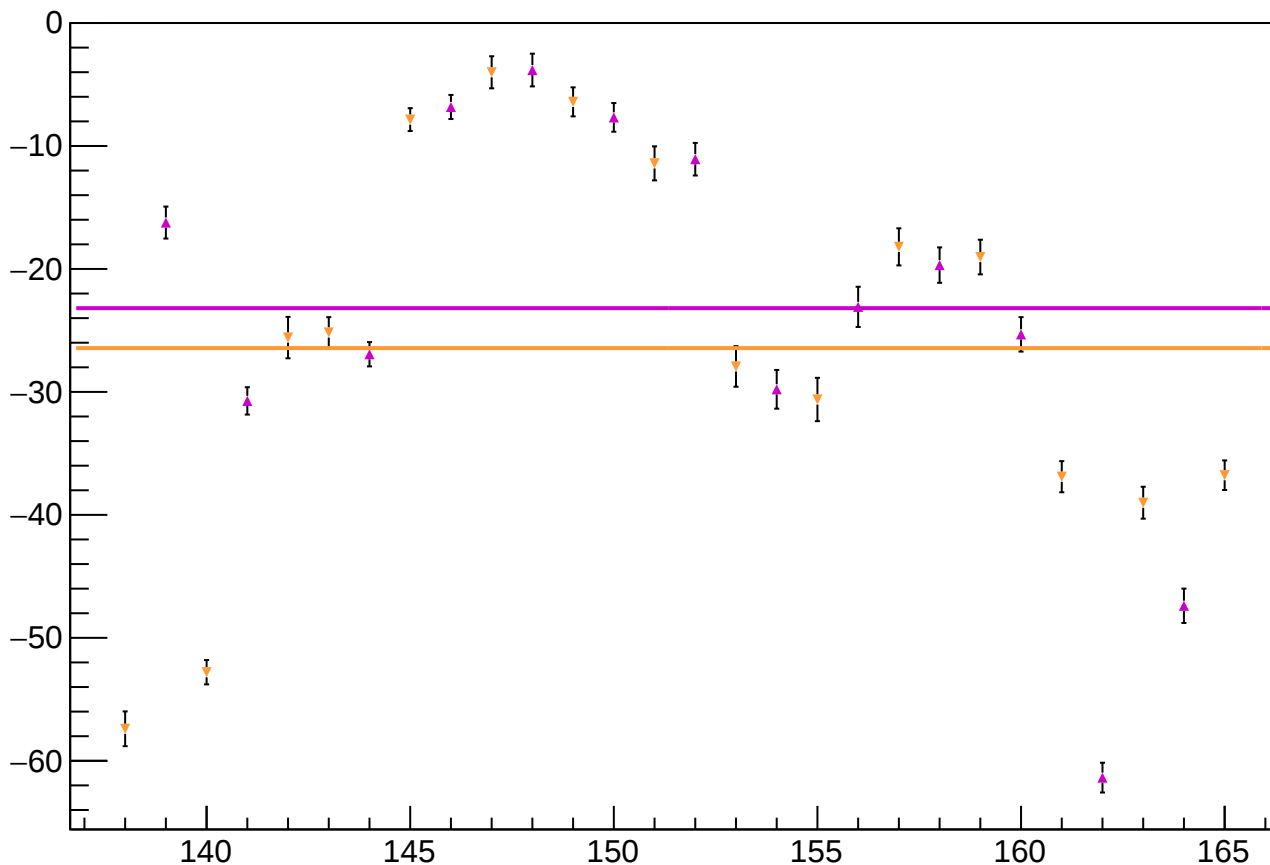
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.871 ± 0.017 χ^2/NDF : 1231.6/29

Out: 0.791 ± 0.016 χ^2/NDF : 1671.0/33

All: 0.830 ± 0.012 χ^2/NDF : 2914.7/63

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



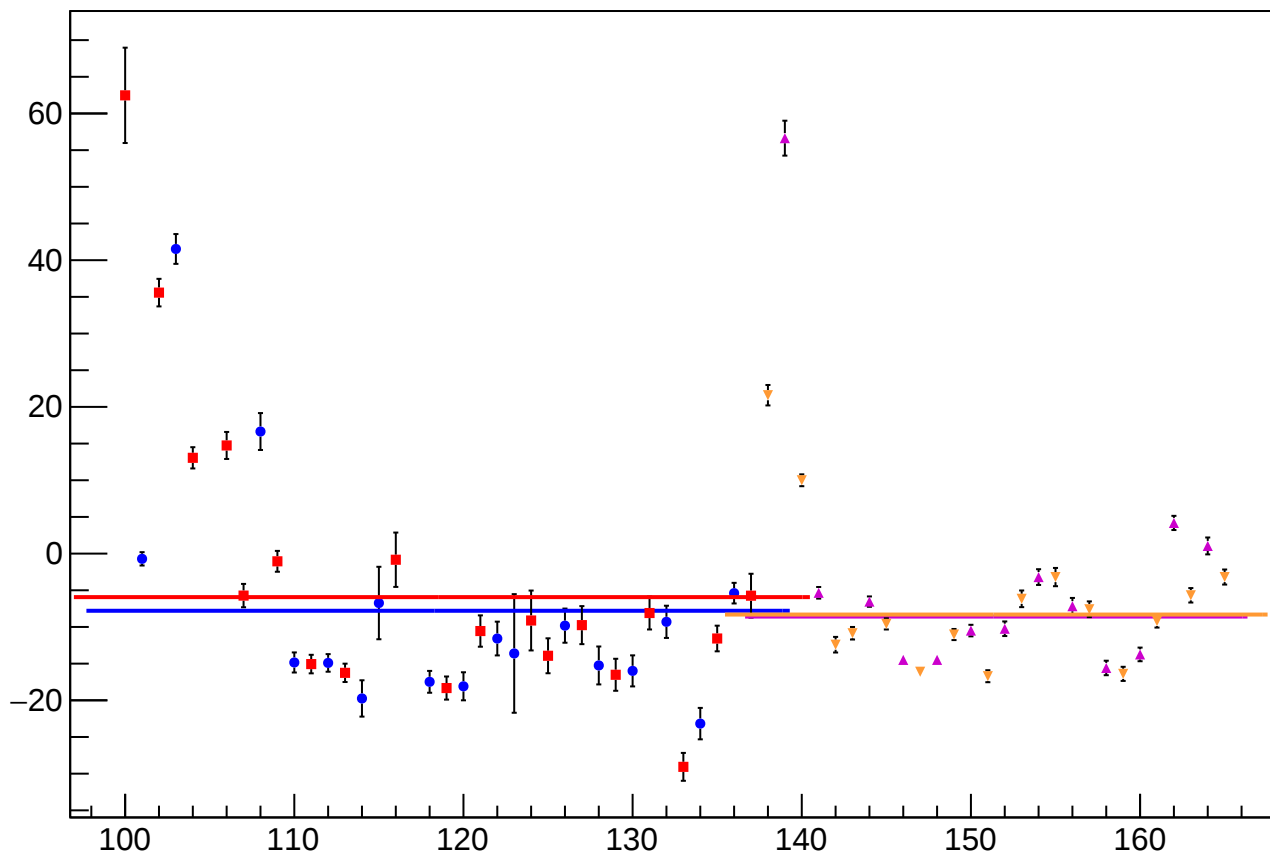
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.438+/-0.333 χ^2/NDF :2589.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -23.189+/-0.347 χ^2/NDF :2160.2/12

Left: -24.883+/-0.240 χ^2/NDF : 4795.3/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.189+/-0.347 χ^2/NDF :2160.2/12
 Out: -26.438+/-0.333 χ^2/NDF :2589.4/14

All: -24.883+/-0.240 χ^2/NDF : 4795.3/27

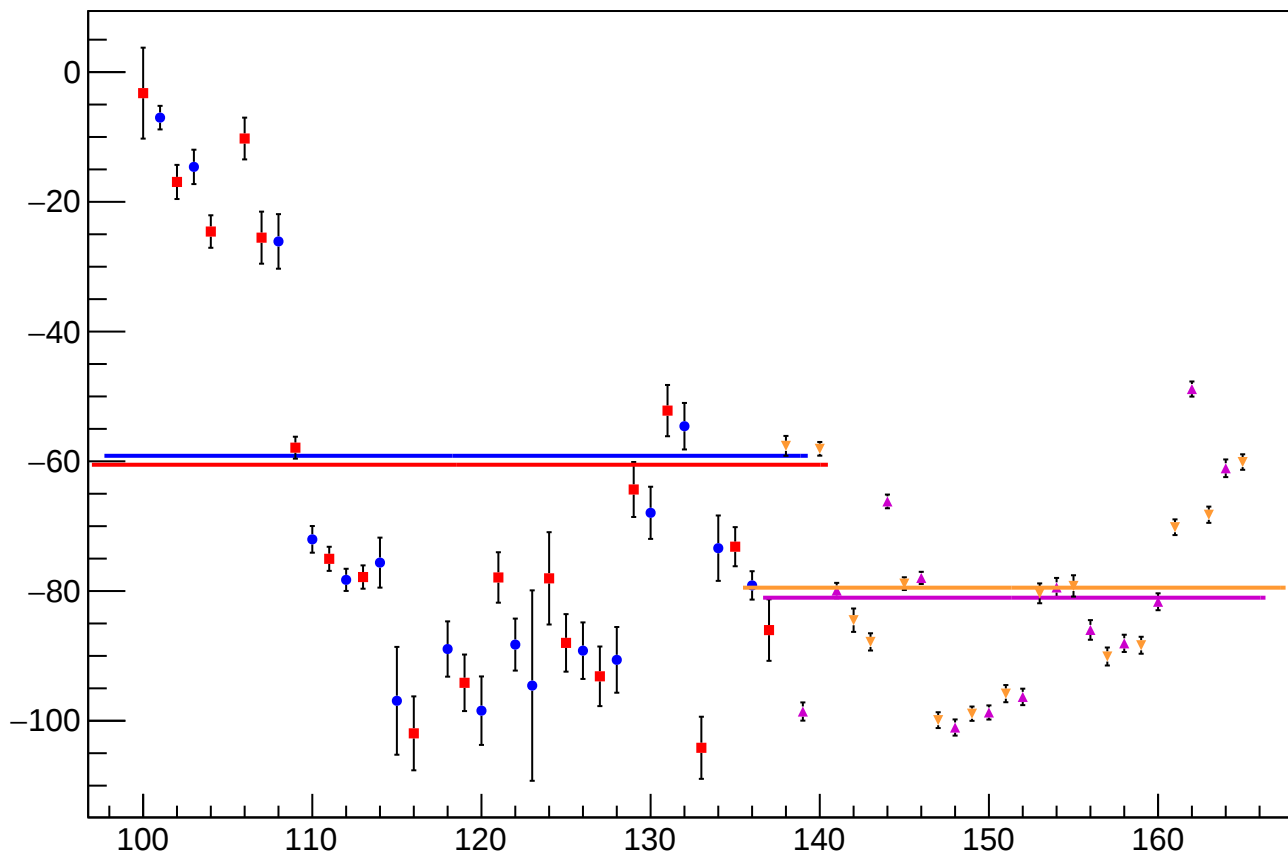
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -8.309 ± 0.233 χ^2/NDF : 1399.2/14
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -8.585 ± 0.242 χ^2/NDF : 1311.1/12

Left: -8.442 ± 0.168 χ^2/NDF : 2710.9/27
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -8.393 ± 0.211 χ^2/NDF : 2296.4/29
 Out: -7.768 ± 0.205 χ^2/NDF : 2717.1/33
 All: -8.072 ± 0.147 χ^2/NDF : 5018.1/63

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: -79.481 ± 0.329 χ^2/NDF : 1913.4/14

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -81.027 ± 0.339 χ^2/NDF : 2046.2/12

Left: -80.231 ± 0.236 χ^2/NDF : 3970.3/27

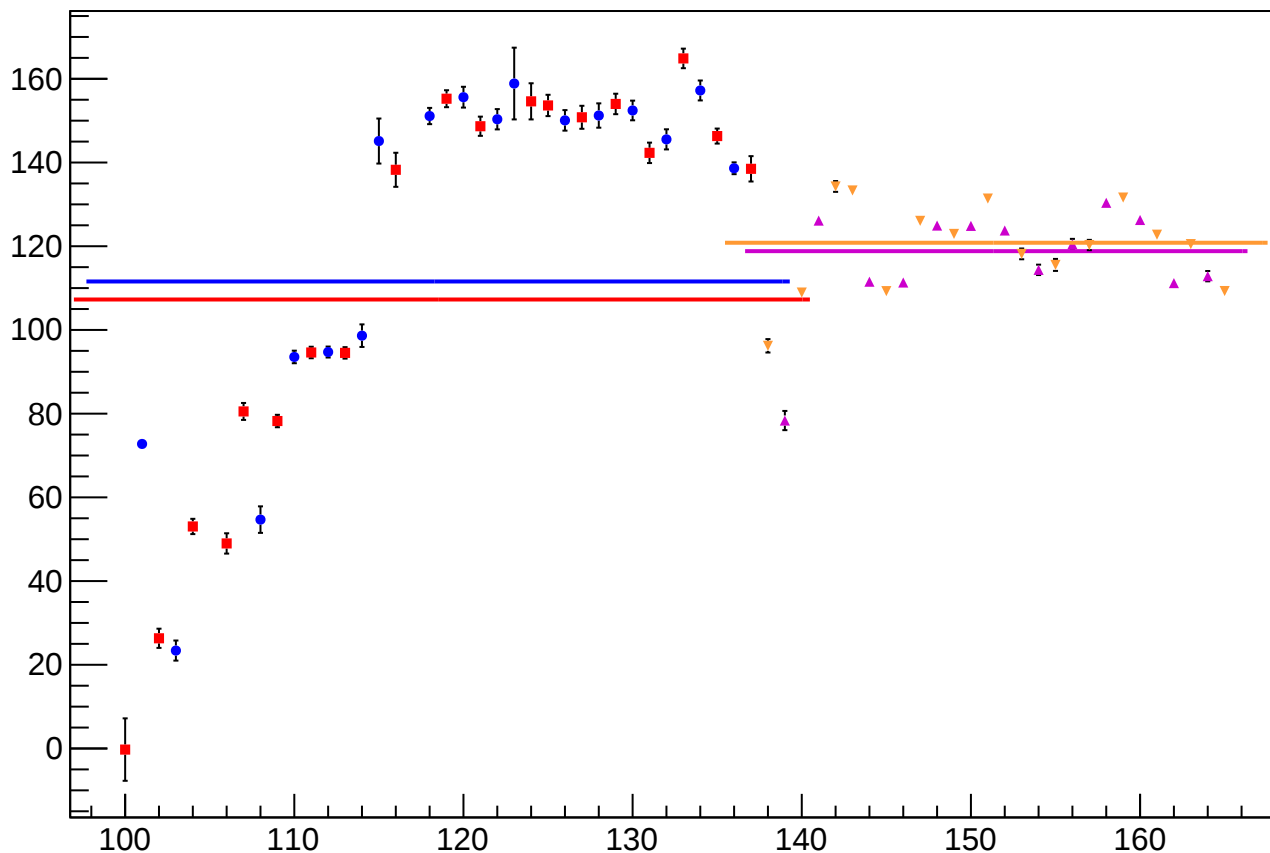
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -77.269 ± 0.309 χ^2/NDF : 4478.2/29

Out: -76.079 ± 0.298 χ^2/NDF : 3893.0/33

All: -76.653 ± 0.215 χ^2/NDF : 8378.9/63

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: 120.834 $\pm$ 0.273 χ^2 /NDF:1207.6/14

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 118.824 $\pm$ 0.284 χ^2 /NDF:920.9/12

Left: 119.869 $\pm$ 0.197 χ^2 /NDF: 2154.4/27

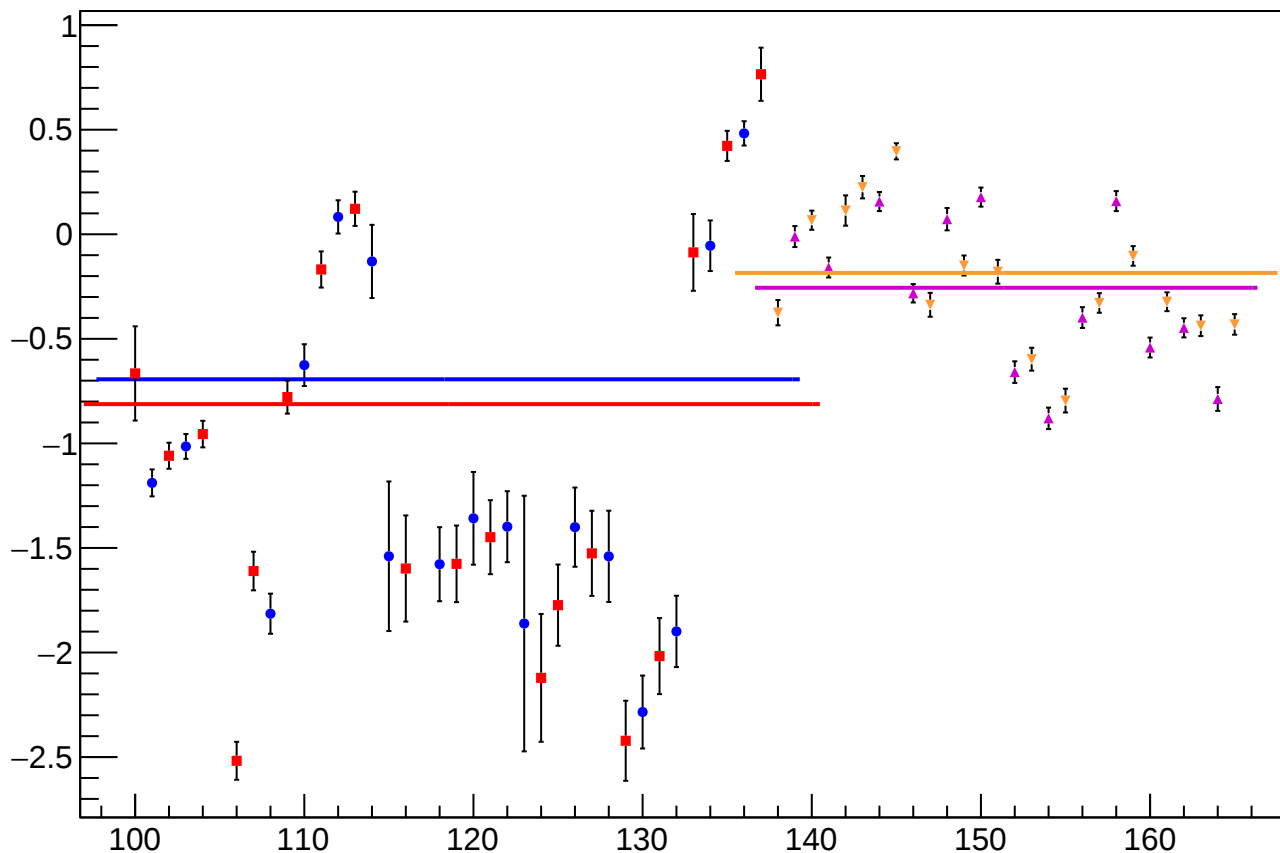
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 116.984 $\pm$ 0.246 χ^2 /NDF:7031.6/29

Out: 117.589 $\pm$ 0.239 χ^2 /NDF:8841.0/33

All: 117.295 $\pm$ 0.171 χ^2 /NDF: 15875.6/63

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: -0.185 ± 0.013 χ^2/NDF : 595.5/14

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.256 ± 0.014 χ^2/NDF : 671.3/12

Left: -0.219 ± 0.009 χ^2/NDF : 1281.2/27

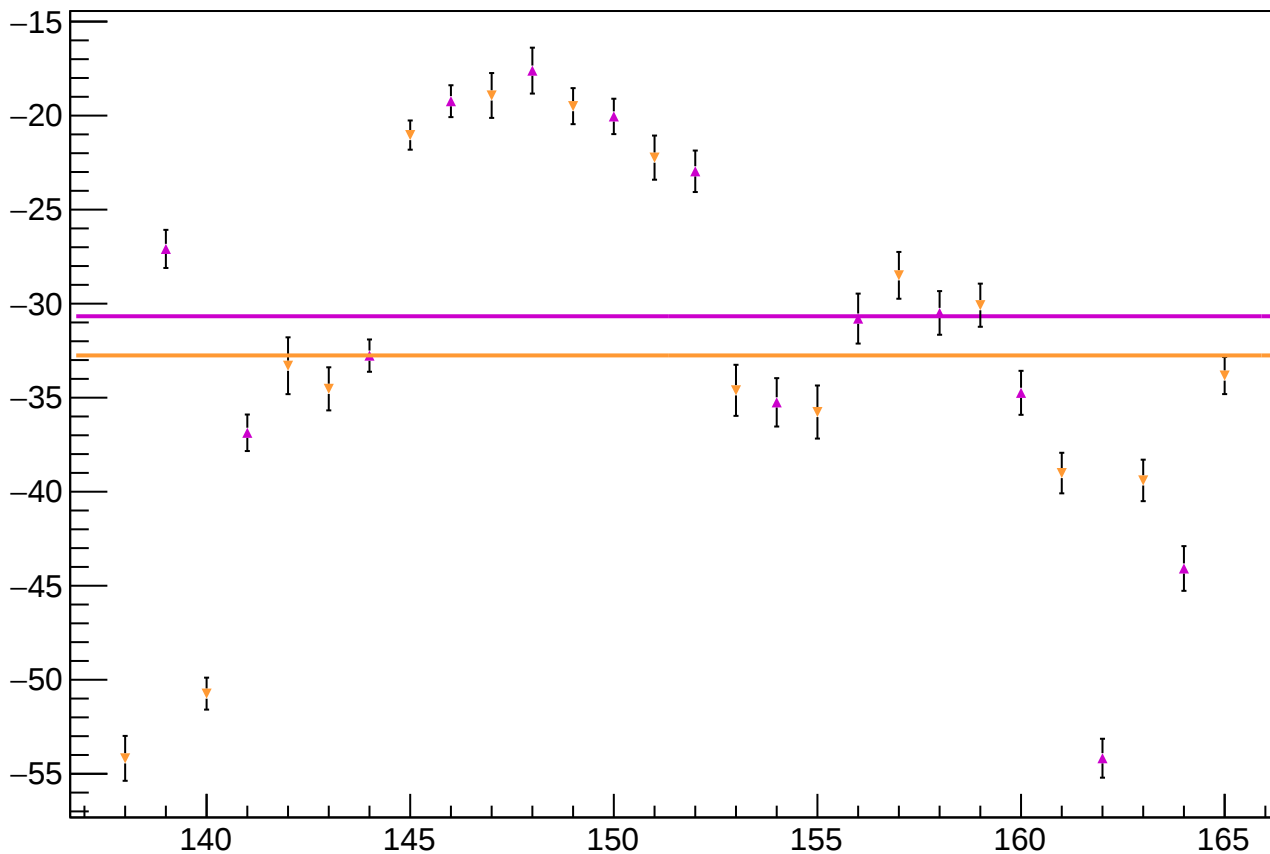
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.350 ± 0.012 χ^2/NDF : 1887.8/29

Out: -0.325 ± 0.011 χ^2/NDF : 2421.3/33

All: -0.337 ± 0.008 χ^2/NDF : 4311.4/63

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.753+/-0.281 χ^2/NDF :1500.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.670+/-0.292 χ^2/NDF :1200.4/12

Left: -31.752+/-0.203 χ^2/NDF : 2727.5/27

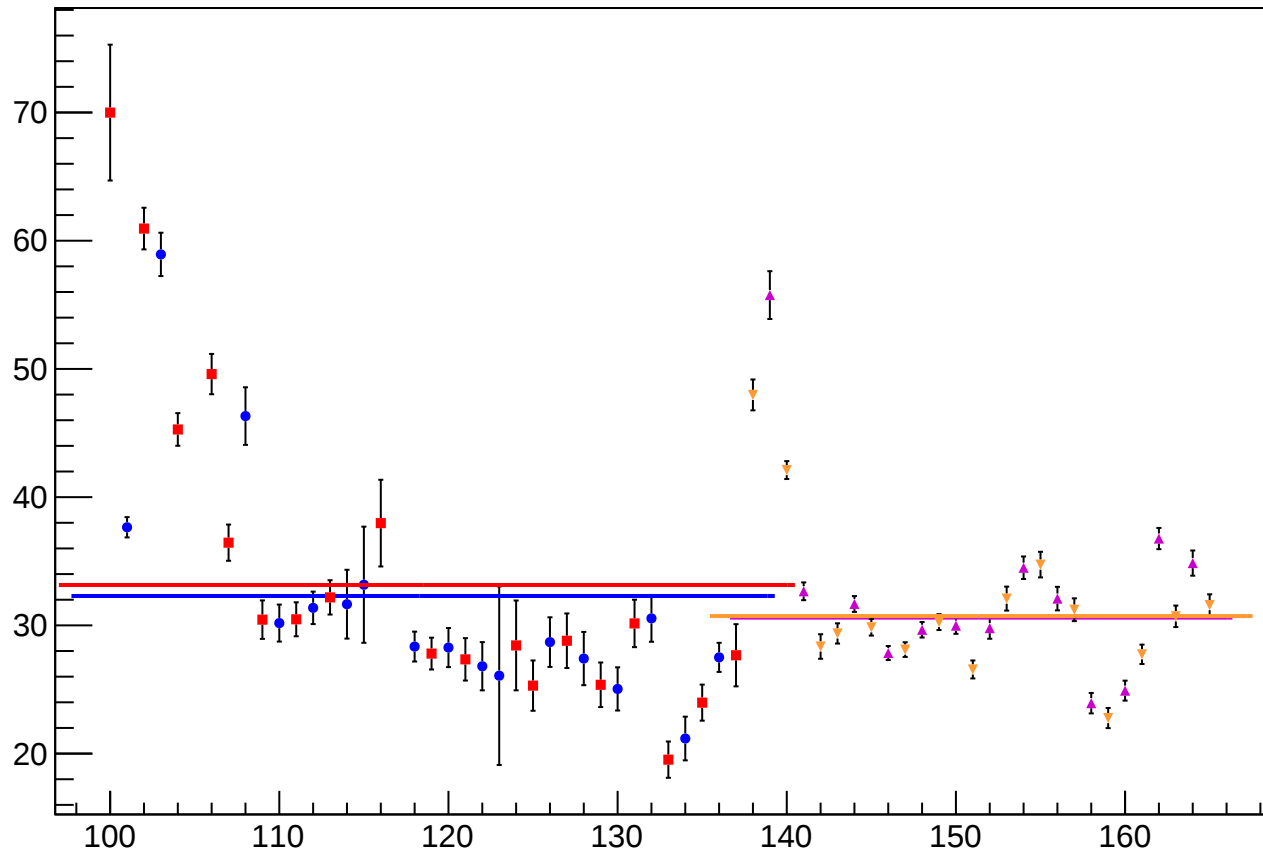
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.670+/-0.292 χ^2/NDF :1200.4/12

Out: -32.753+/-0.281 χ^2/NDF :1500.8/14

All: -31.752+/-0.203 χ^2/NDF : 2727.5/27

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 30.726 ± 0.199 $\chi^2/\text{NDF}: 676.9/14$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 30.606 ± 0.207 $\chi^2/\text{NDF}: 443.7/12$

Left: 30.668 ± 0.144 $\chi^2/\text{NDF}: 1120.8/27$

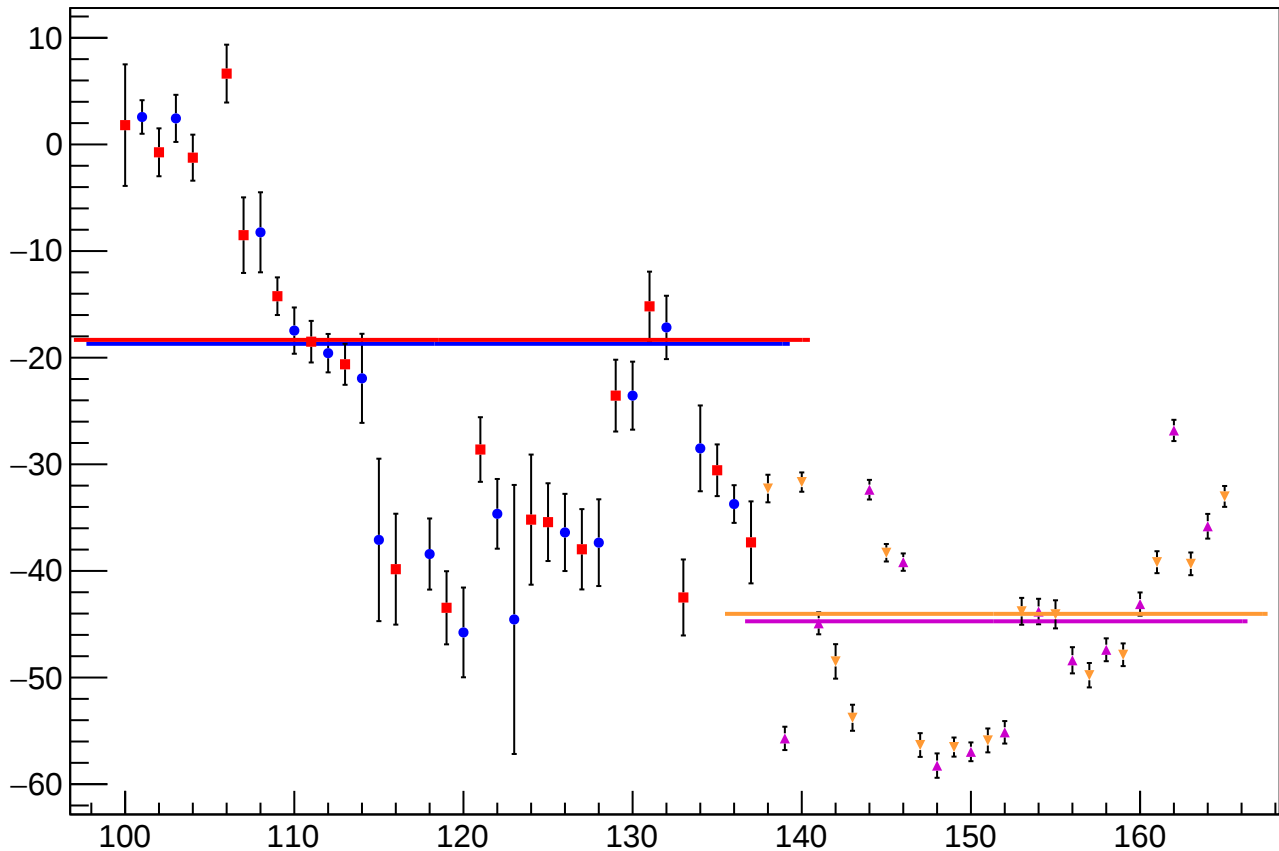
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.004 ± 0.181 $\chi^2/\text{NDF}: 911.9/29$

Out: 31.251 ± 0.176 $\chi^2/\text{NDF}: 1481.6/33$

All: 31.131 ± 0.126 $\chi^2/\text{NDF}: 2394.4/63$

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: -44.026 ± 0.278 $\chi^2/\text{NDF}: 1024.0/14$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -44.725 ± 0.286 $\chi^2/\text{NDF}: 1157.5/12$

Left: -44.366 ± 0.199 $\chi^2/\text{NDF}: 2184.6/27$

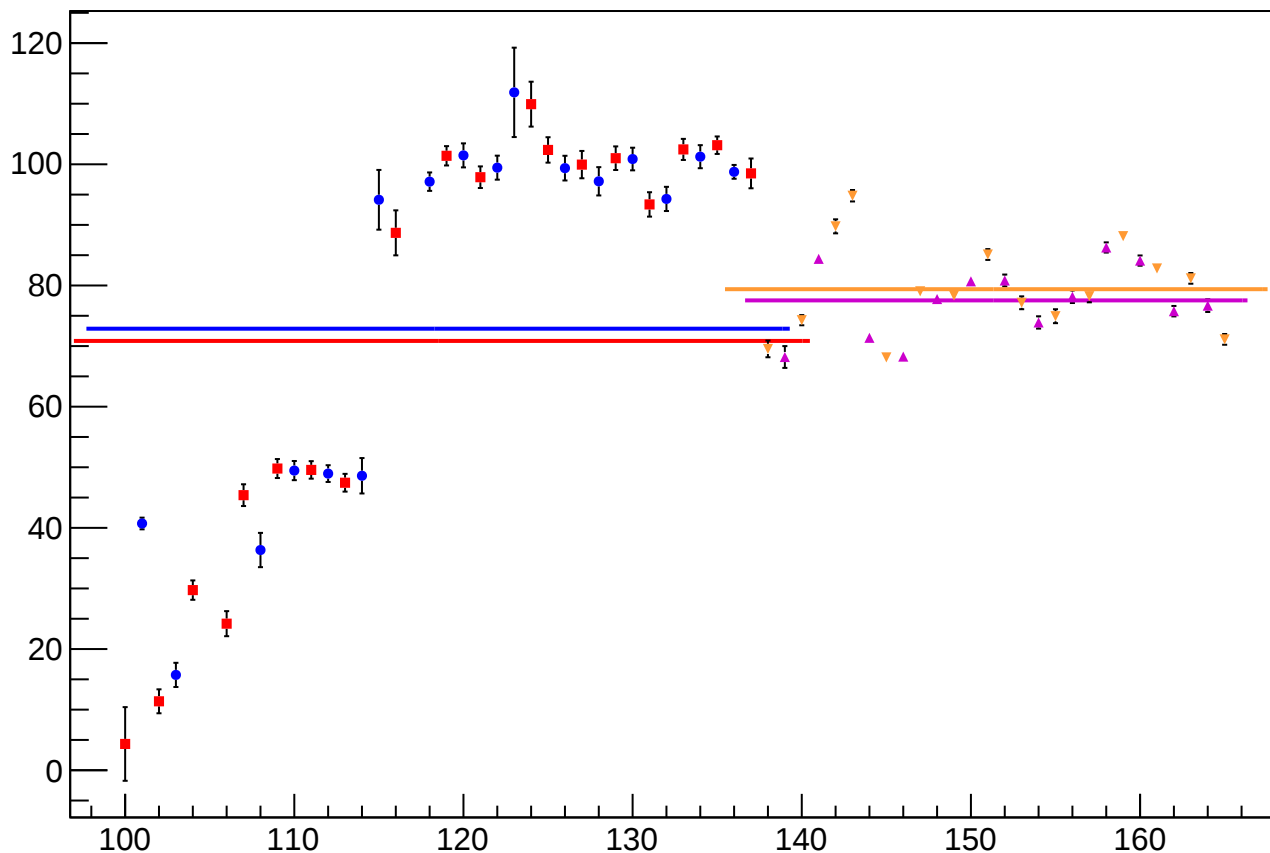
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -40.683 ± 0.263 $\chi^2/\text{NDF}: 2964.5/29$

Out: -39.981 ± 0.255 $\chi^2/\text{NDF}: 2841.8/33$

All: -40.322 ± 0.183 $\chi^2/\text{NDF}: 5810.0/63$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 ± 0.427 $\chi^2/\text{NDF}: 4727.1/16$

Left Out: 79.389 ± 0.233 $\chi^2/\text{NDF}: 951.2/14$

Right Out: 70.851 ± 0.433 $\chi^2/\text{NDF}: 5495.4/18$

Left In: 77.539 ± 0.242 $\chi^2/\text{NDF}: 571.1/12$

Left: 78.500 ± 0.168 $\chi^2/\text{NDF}: 1552.7/27$

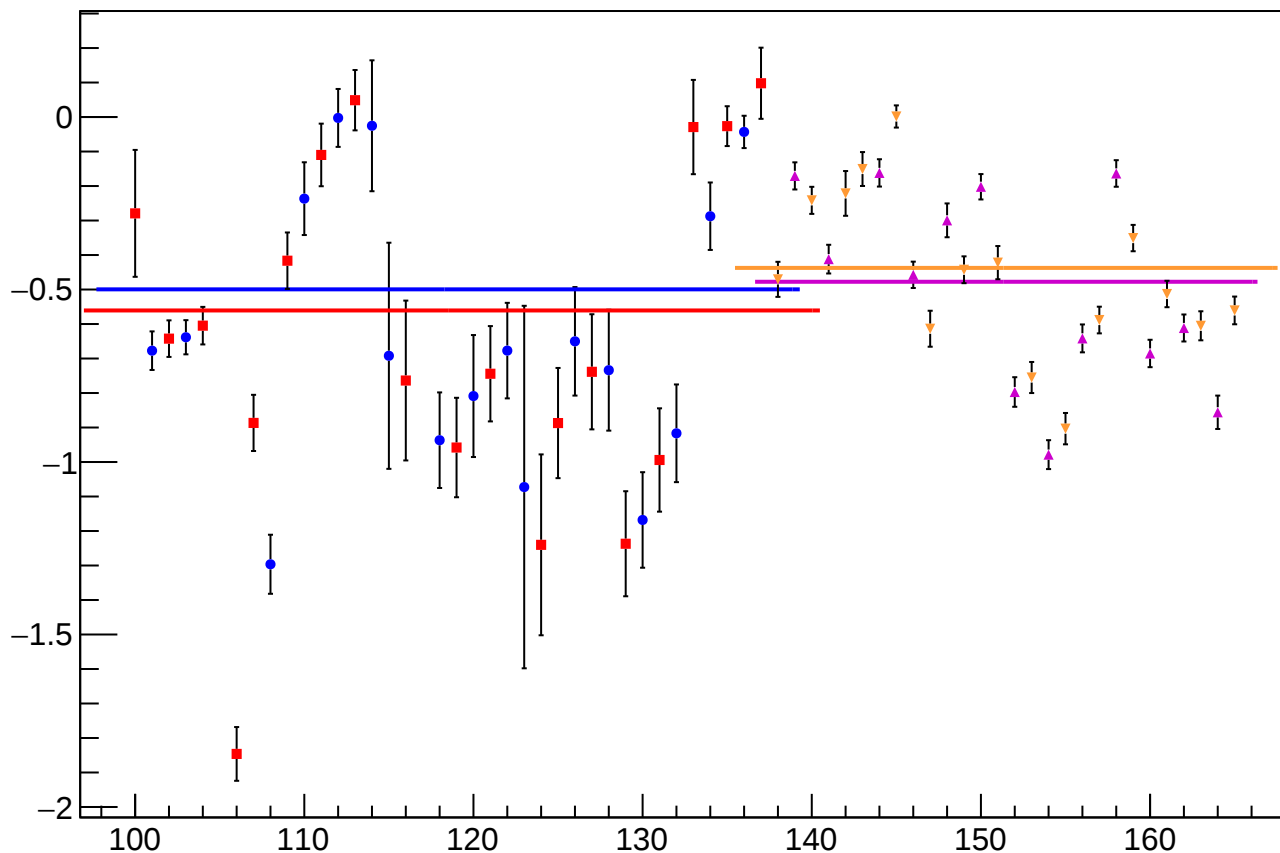
Right: 71.876 ± 0.304 $\chi^2/\text{NDF}: 10233.6/35$

In: 76.404 ± 0.210 $\chi^2/\text{NDF}: 5388.9/29$

Out: 77.478 ± 0.205 $\chi^2/\text{NDF}: 6748.4/33$

All: 76.955 ± 0.147 $\chi^2/\text{NDF}: 12150.7/63$

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: -0.437 ± 0.011 χ^2/NDF : 472.5/14

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.478 ± 0.011 χ^2/NDF : 578.0/12

Left: -0.457 ± 0.008 χ^2/NDF : 1057.0/27

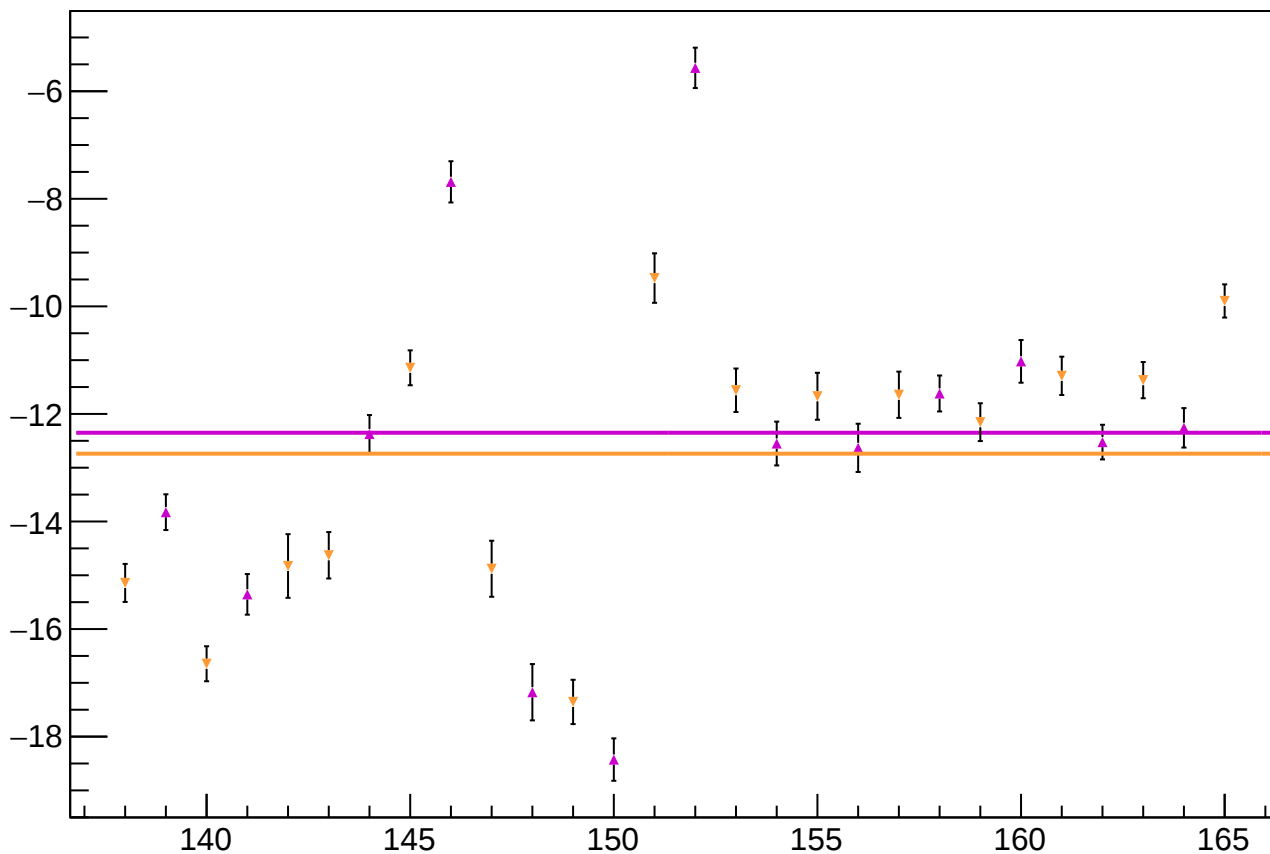
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.482 ± 0.010 χ^2/NDF : 881.4/29

Out: -0.463 ± 0.010 χ^2/NDF : 1060.6/33

All: -0.472 ± 0.007 χ^2/NDF : 1943.8/63

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: -12.739+/-0.099 χ^2/NDF : 580.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.350+/-0.105 χ^2/NDF : 896.7/12

Left: -12.554+/-0.072 χ^2/NDF : 1484.3/27

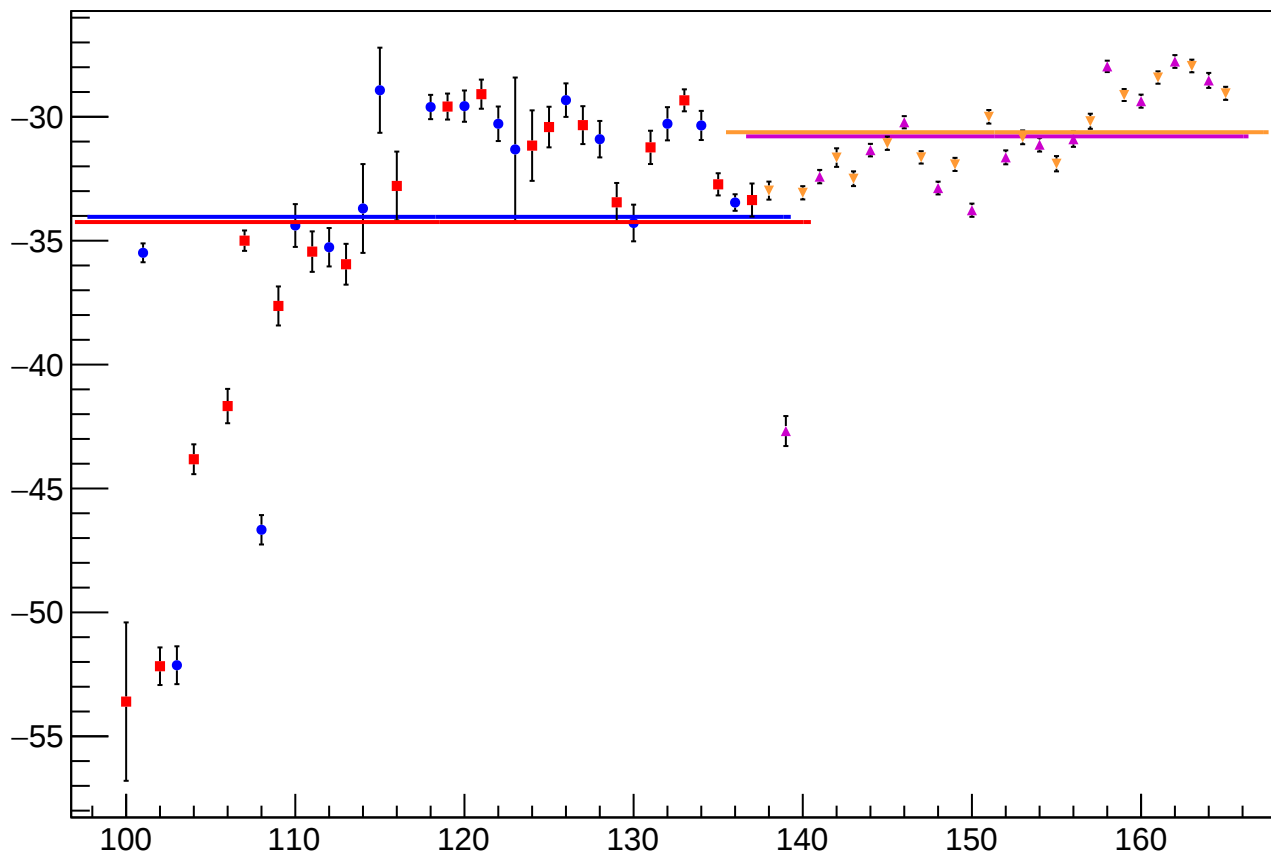
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.350+/-0.105 χ^2/NDF : 896.7/12

Out: -12.739+/-0.099 χ^2/NDF : 580.3/14

All: -12.554+/-0.072 χ^2/NDF : 1484.3/27

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -30.622 ± 0.072 $\chi^2/\text{NDF}: 501.5/14$

Right Out: -34.248 ± 0.151 $\chi^2/\text{NDF}: 1357.5/18$

Left In: -30.789 ± 0.076 $\chi^2/\text{NDF}: 1004.0/12$

Left: -30.701 ± 0.052 $\chi^2/\text{NDF}: 1508.0/27$

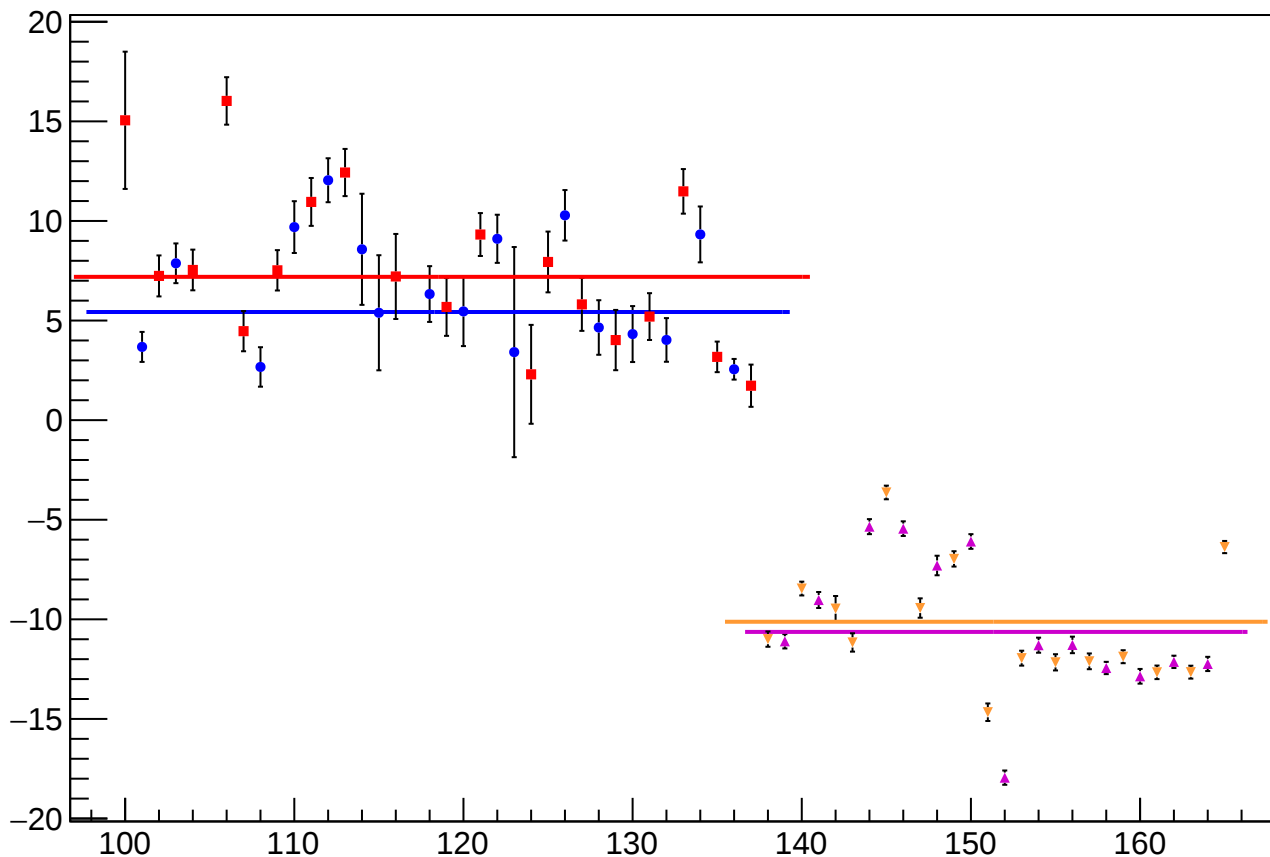
Right: -34.143 ± 0.107 $\chi^2/\text{NDF}: 2701.4/35$

In: -31.448 ± 0.068 $\chi^2/\text{NDF}: 2716.5/29$

Out: -31.293 ± 0.065 $\chi^2/\text{NDF}: 2331.1/33$

All: -31.367 ± 0.047 $\chi^2/\text{NDF}: 5050.4/63$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -10.121 ± 0.098 $\chi^2/\text{NDF}: 936.9/14$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -10.632 ± 0.102 $\chi^2/\text{NDF}: 1144.8/12$

Left: -10.366 ± 0.071 $\chi^2/\text{NDF}: 2094.8/27$

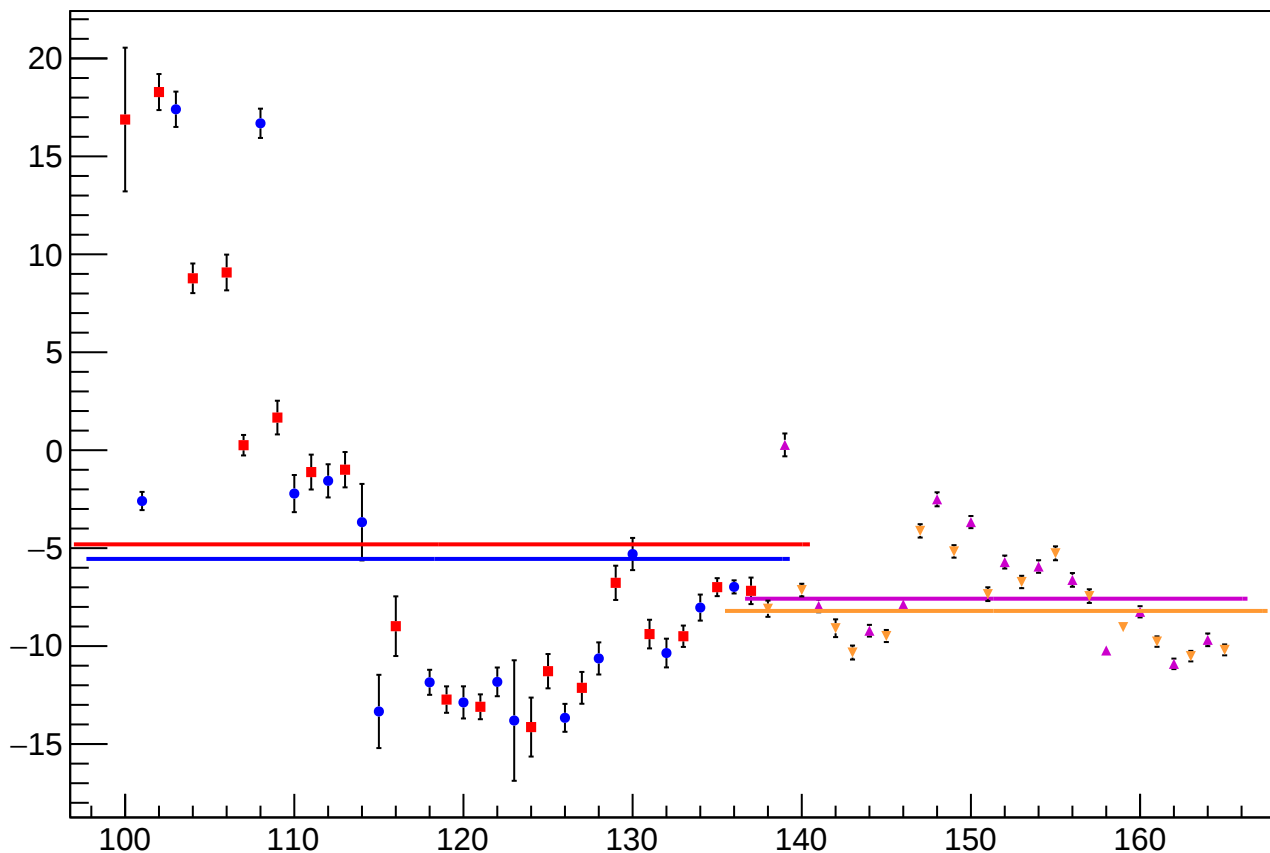
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -8.630 ± 0.095 $\chi^2/\text{NDF}: 4377.3/29$

Out: -8.167 ± 0.092 $\chi^2/\text{NDF}: 4661.4/33$

All: -8.391 ± 0.066 $\chi^2/\text{NDF}: 9050.9/63$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.205 ± 0.082 χ^2/NDF : 571.2/14

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -7.581 ± 0.087 χ^2/NDF : 958.8/12

Left: -7.910 ± 0.060 χ^2/NDF : 1557.2/27

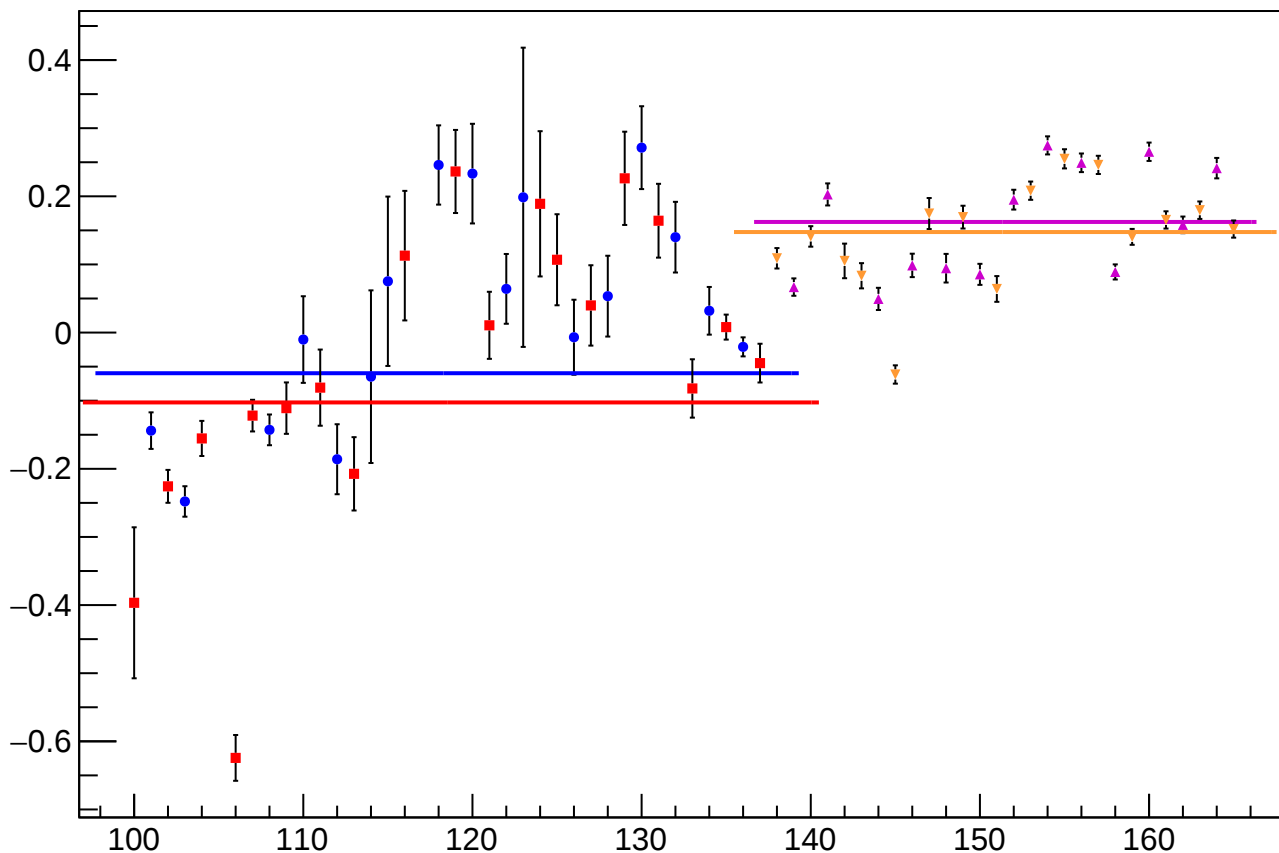
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.159 ± 0.077 χ^2/NDF : 3198.4/29

Out: -7.575 ± 0.074 χ^2/NDF : 2935.1/33

All: -7.376 ± 0.054 χ^2/NDF : 6148.6/63

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: 0.148 ± 0.004 χ^2/NDF : 428.0/14

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.162 ± 0.004 χ^2/NDF : 406.8/12

Left: 0.155 ± 0.003 χ^2/NDF : 842.0/27

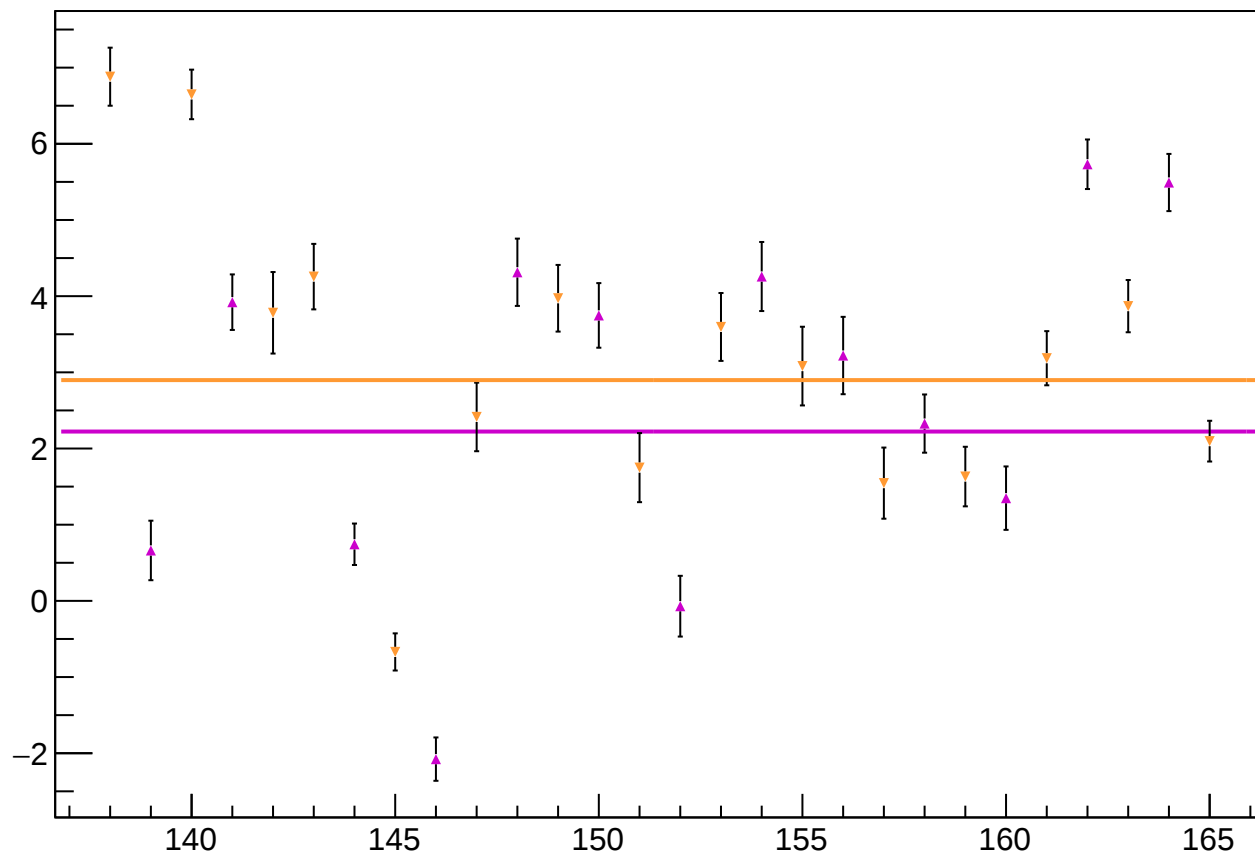
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.122 ± 0.004 χ^2/NDF : 1196.2/29

Out: 0.105 ± 0.003 χ^2/NDF : 1596.9/33

All: 0.113 ± 0.002 χ^2/NDF : 2804.6/63

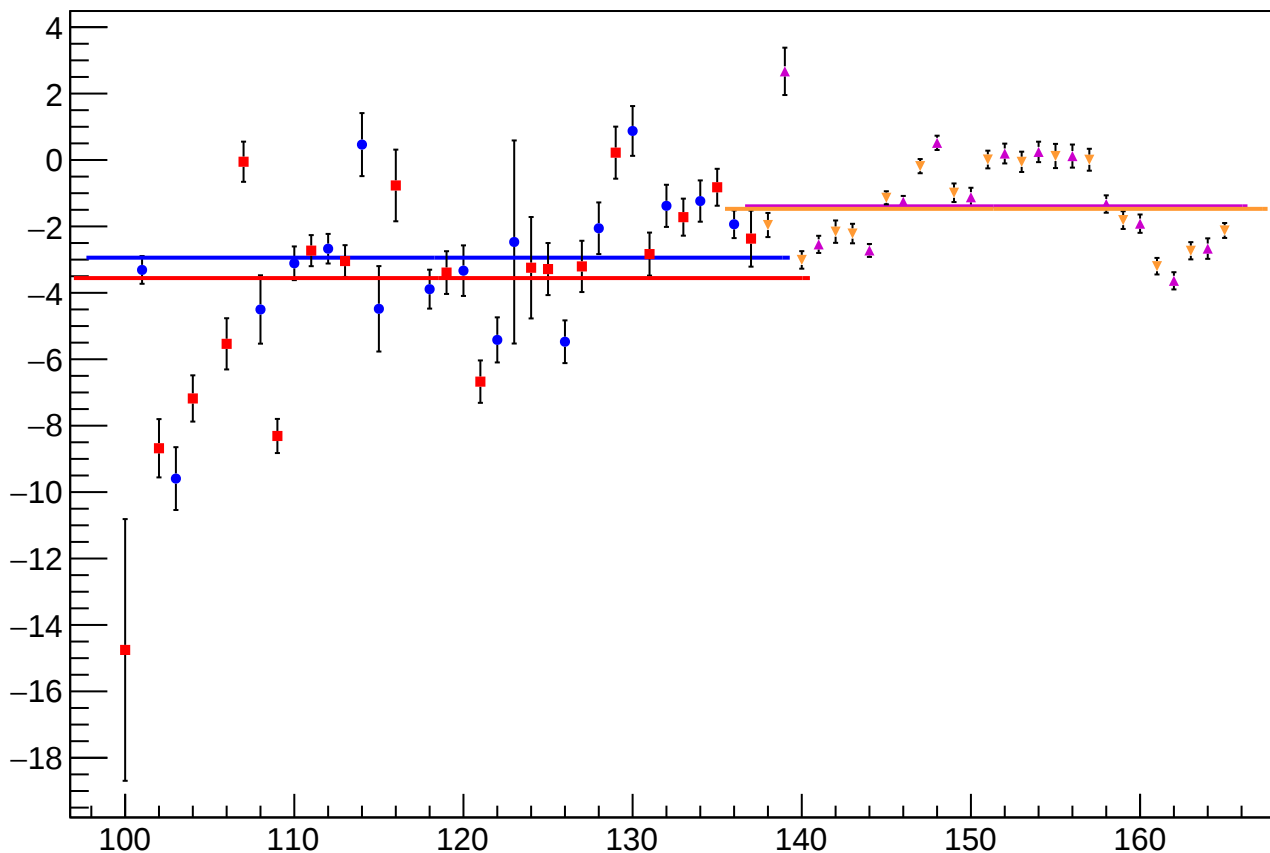
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.898 $\pm$ 0.096 χ^2/NDF :521.7/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.223 $\pm$ 0.103 χ^2/NDF :584.7/12

Left: 2.581 $\pm$ 0.070 χ^2/NDF : 1129.4/27
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.223 $\pm$ 0.103 χ^2/NDF :584.7/12
 Out: 2.898 $\pm$ 0.096 χ^2/NDF :521.7/14
 All: 2.581 $\pm$ 0.070 χ^2/NDF : 1129.4/27

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: -1.471 ± 0.069 χ^2/NDF : 261.8/14

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.395 ± 0.072 χ^2/NDF : 350.2/12

Left: -1.435 ± 0.050 χ^2/NDF : 612.7/27

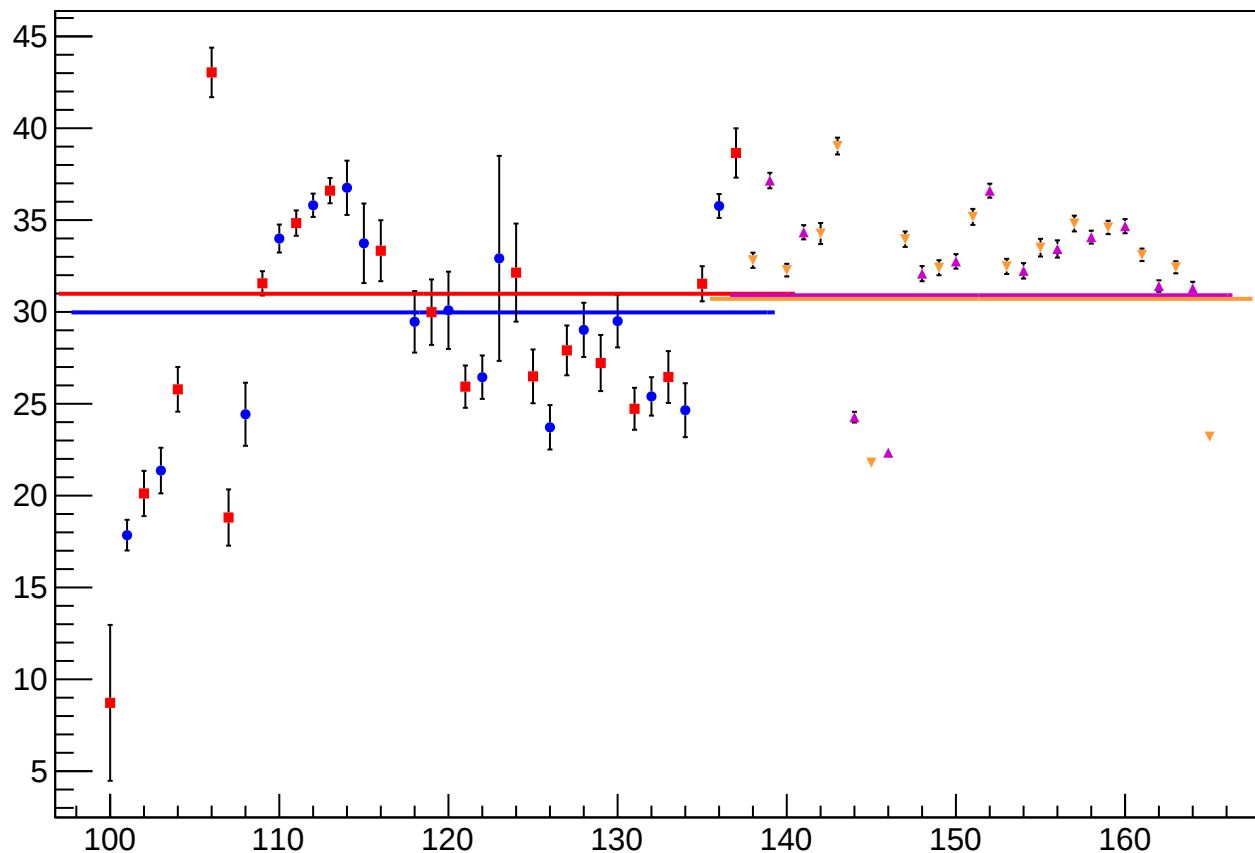
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.672 ± 0.065 χ^2/NDF : 578.4/29

Out: -1.819 ± 0.063 χ^2/NDF : 705.1/33

All: -1.748 ± 0.045 χ^2/NDF : 1286.1/63

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: 30.711 $\pm$ 0.096 χ^2 /NDF: 2907.6/14

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 30.906 $\pm$ 0.100 χ^2 /NDF: 2269.7/12

Left: 30.804 $\pm$ 0.069 χ^2 /NDF: 5179.3/27

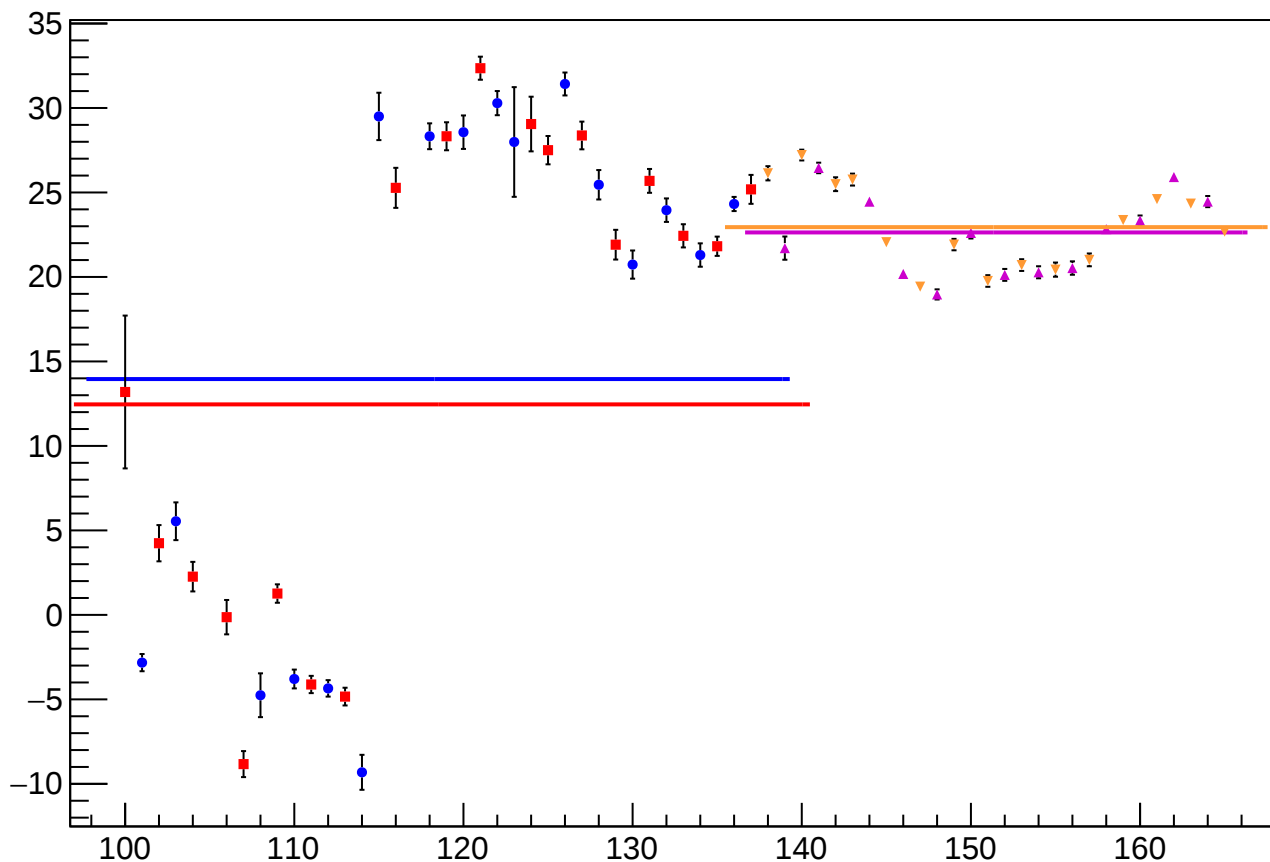
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 30.791 $\pm$ 0.094 χ^2 /NDF: 2834.3/29

Out: 30.744 $\pm$ 0.090 χ^2 /NDF: 3389.6/33

All: 30.766 $\pm$ 0.065 χ^2 /NDF: 6224.1/63

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: 22.948 $\pm$ 0.080 χ^2 /NDF: 762.9/14

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.634 $\pm$ 0.084 χ^2 /NDF: 794.3/12

Left: 22.799 $\pm$ 0.058 χ^2 /NDF: 1564.4/27

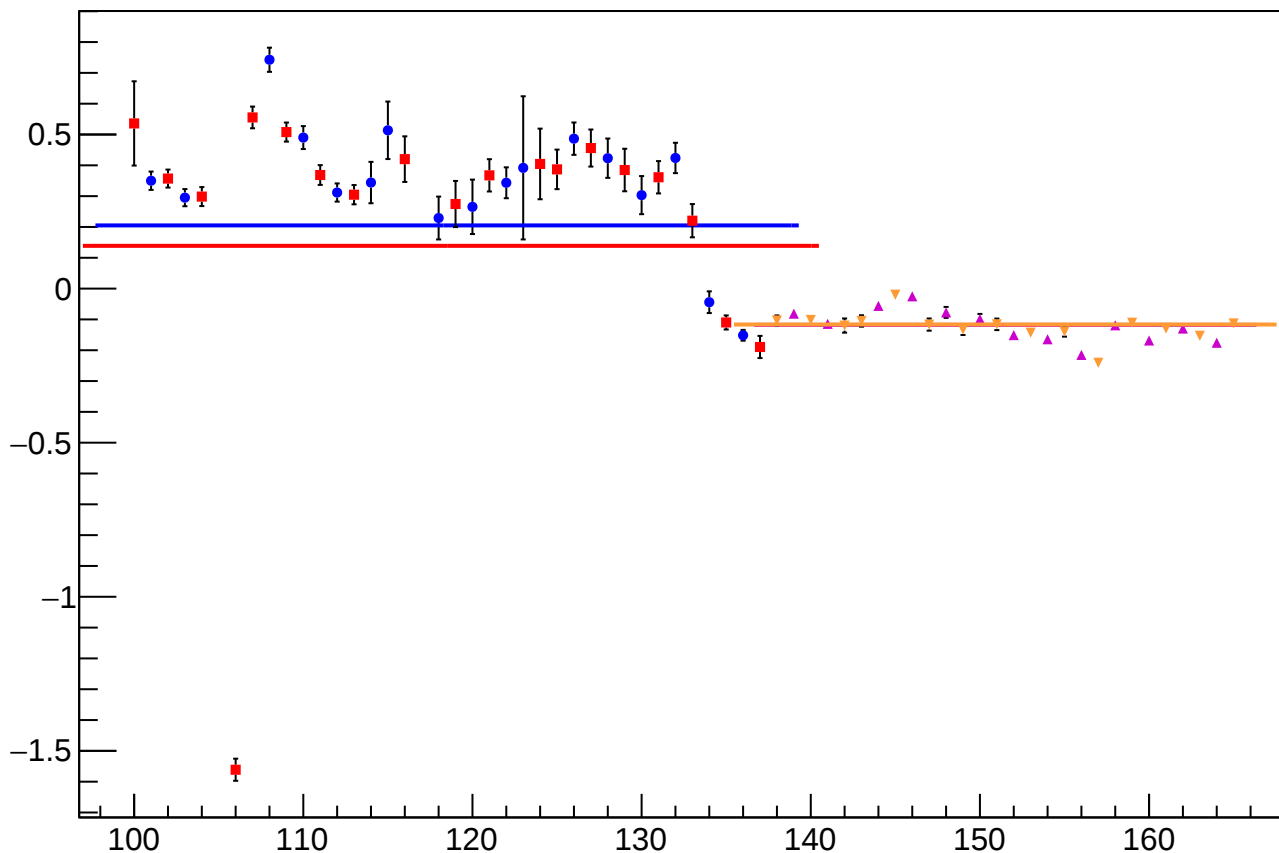
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 20.965 $\pm$ 0.076 χ^2 /NDF: 10191.2/29

Out: 21.111 $\pm$ 0.073 χ^2 /NDF: 10754.4/33

All: 21.041 $\pm$ 0.052 χ^2 /NDF: 20947.6/63

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.117 ± 0.004 $\chi^2/\text{NDF}: 180.8/14$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.118 ± 0.004 $\chi^2/\text{NDF}: 172.2/12$

Left: -0.117 ± 0.003 $\chi^2/\text{NDF}: 353.1/27$

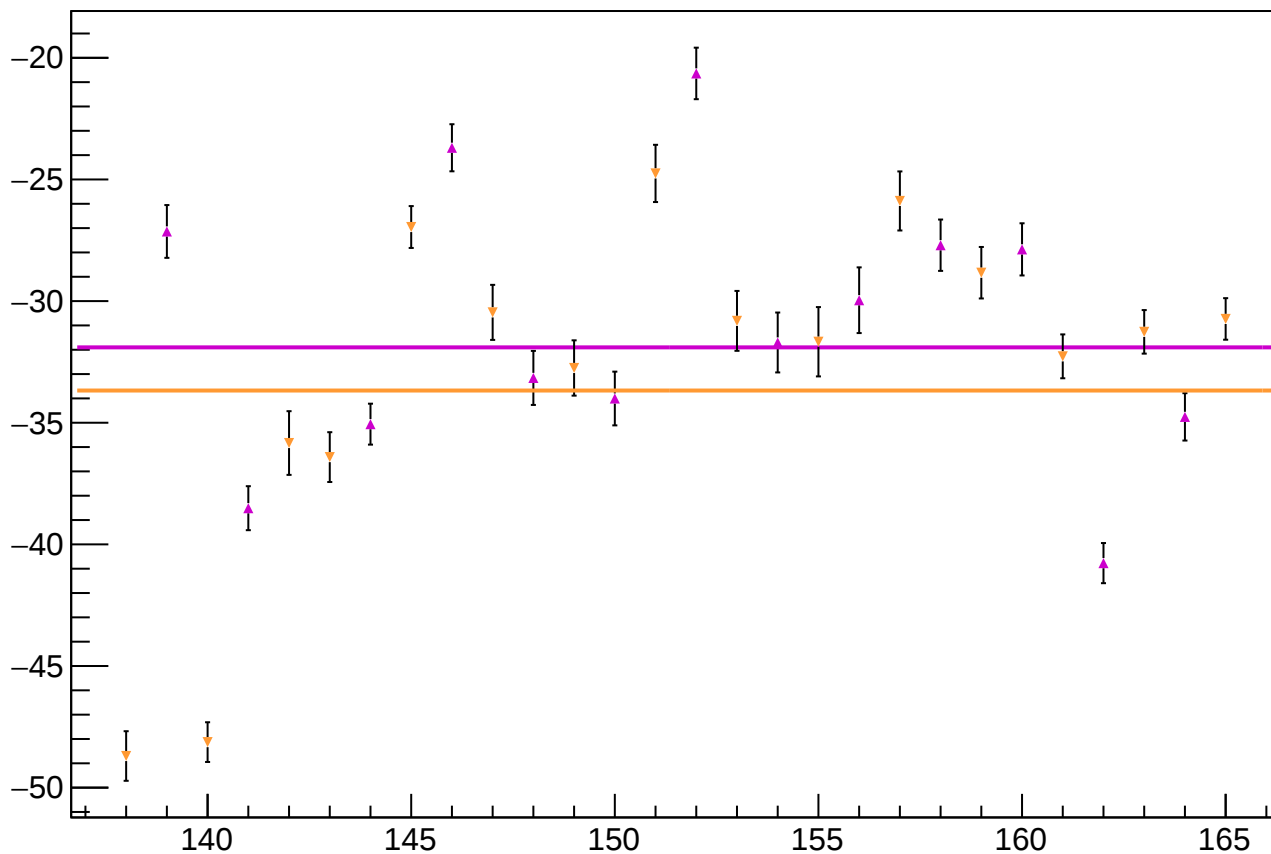
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.068 ± 0.004 $\chi^2/\text{NDF}: 2023.7/29$

Out: -0.080 ± 0.003 $\chi^2/\text{NDF}: 3857.5/33$

All: -0.074 ± 0.003 $\chi^2/\text{NDF}: 5886.6/63$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -33.676 $\pm$ 0.265 χ^2/NDF : 758.8/14

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -31.902 $\pm$ 0.282 χ^2/NDF : 432.9/12

Left: -32.843 $\pm$ 0.193 χ^2/NDF : 1212.6/27

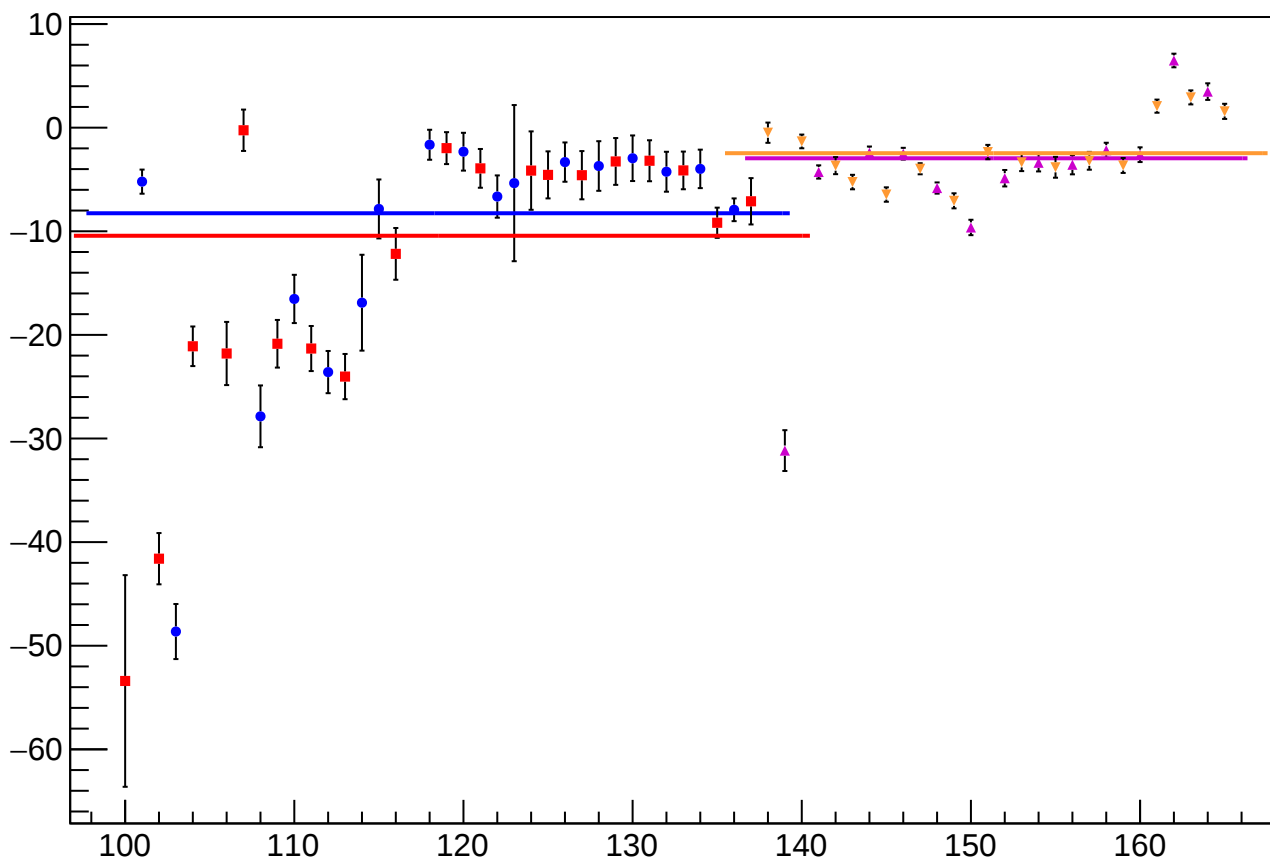
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.902 $\pm$ 0.282 χ^2/NDF : 432.9/12

Out: -33.676 $\pm$ 0.265 χ^2/NDF : 758.8/14

All: -32.843 $\pm$ 0.193 χ^2/NDF : 1212.6/27

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -2.464 ± 0.187 $\chi^2/\text{NDF}: 257.1/14$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -2.957 ± 0.197 $\chi^2/\text{NDF}: 597.2/12$

Left: -2.698 ± 0.136 $\chi^2/\text{NDF}: 857.5/27$

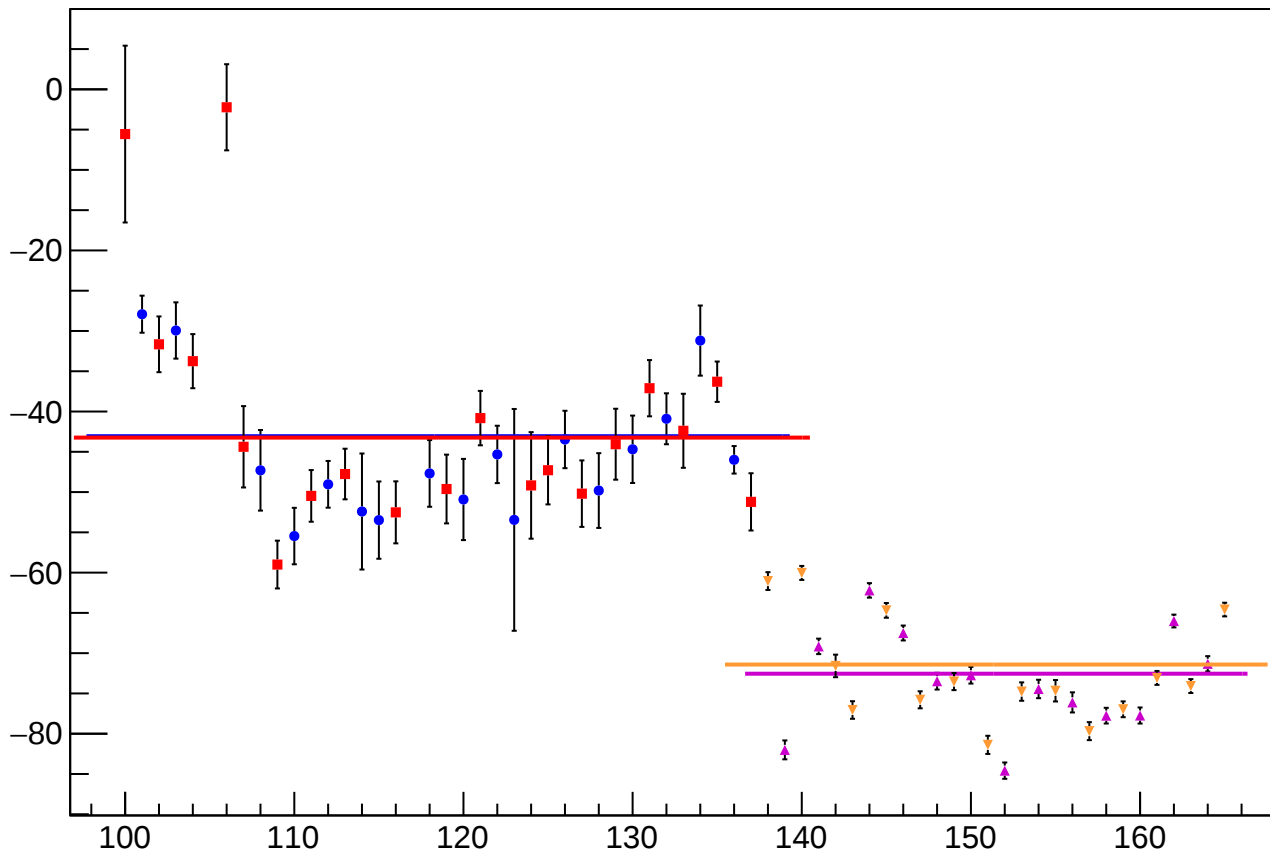
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -3.771 ± 0.181 $\chi^2/\text{NDF}: 1120.3/29$

Out: -3.476 ± 0.175 $\chi^2/\text{NDF}: 916.1/33$

All: -3.618 ± 0.126 $\chi^2/\text{NDF}: 2037.8/63$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -71.413 ± 0.263 χ^2/NDF : 618.8/14

Right Out: -43.237 ± 0.866 χ^2/NDF : 154.2/18

Left In: -72.550 ± 0.275 χ^2/NDF : 517.0/12

Left: -71.955 ± 0.190 χ^2/NDF : 1144.7/27

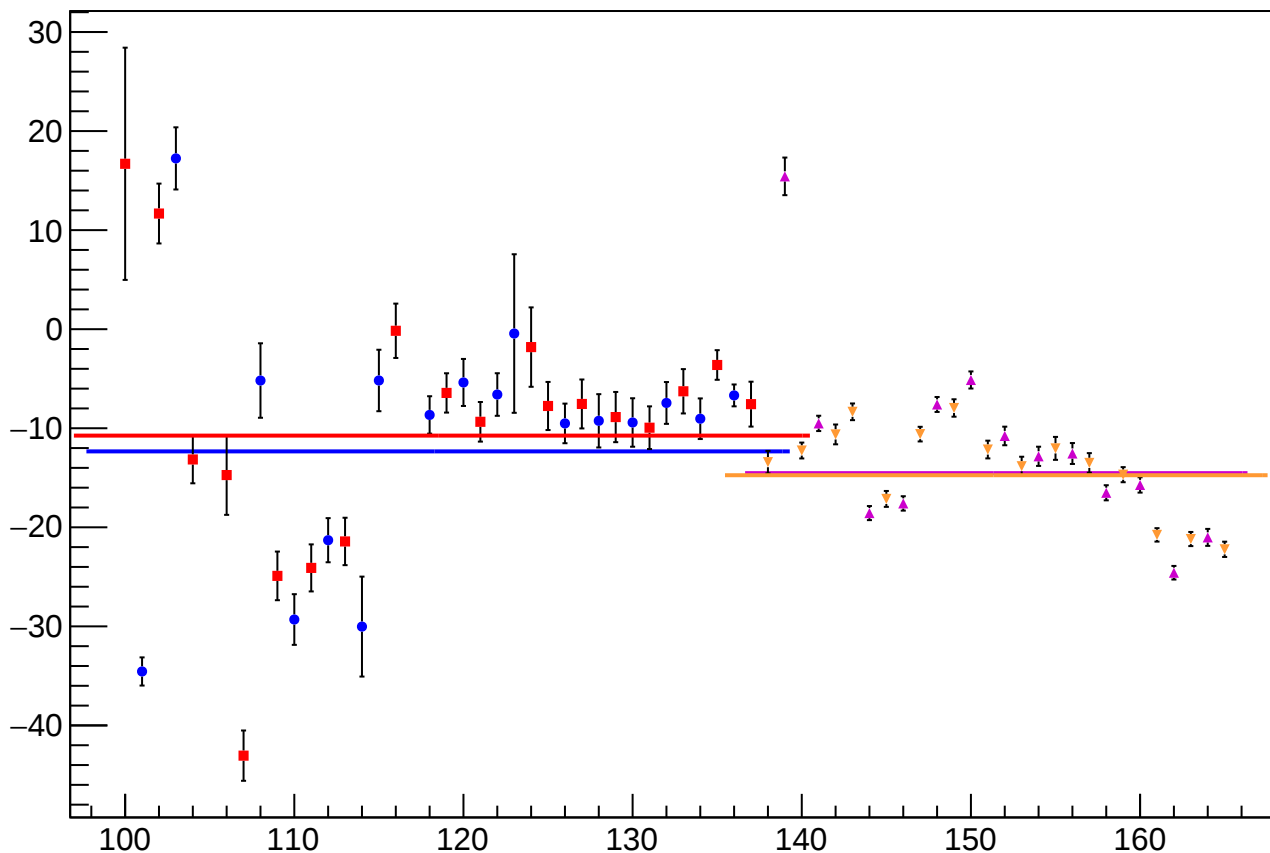
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -69.663 ± 0.261 χ^2/NDF : 1740.0/29

Out: -69.040 ± 0.251 χ^2/NDF : 1742.3/33

All: -69.339 ± 0.181 χ^2/NDF : 3485.3/63

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -14.742 ± 0.218 $\chi^2/\text{NDF}: 456.6/14$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -14.533 ± 0.230 $\chi^2/\text{NDF}: 847.7/12$

Left: -14.643 ± 0.158 $\chi^2/\text{NDF}: 1304.7/27$

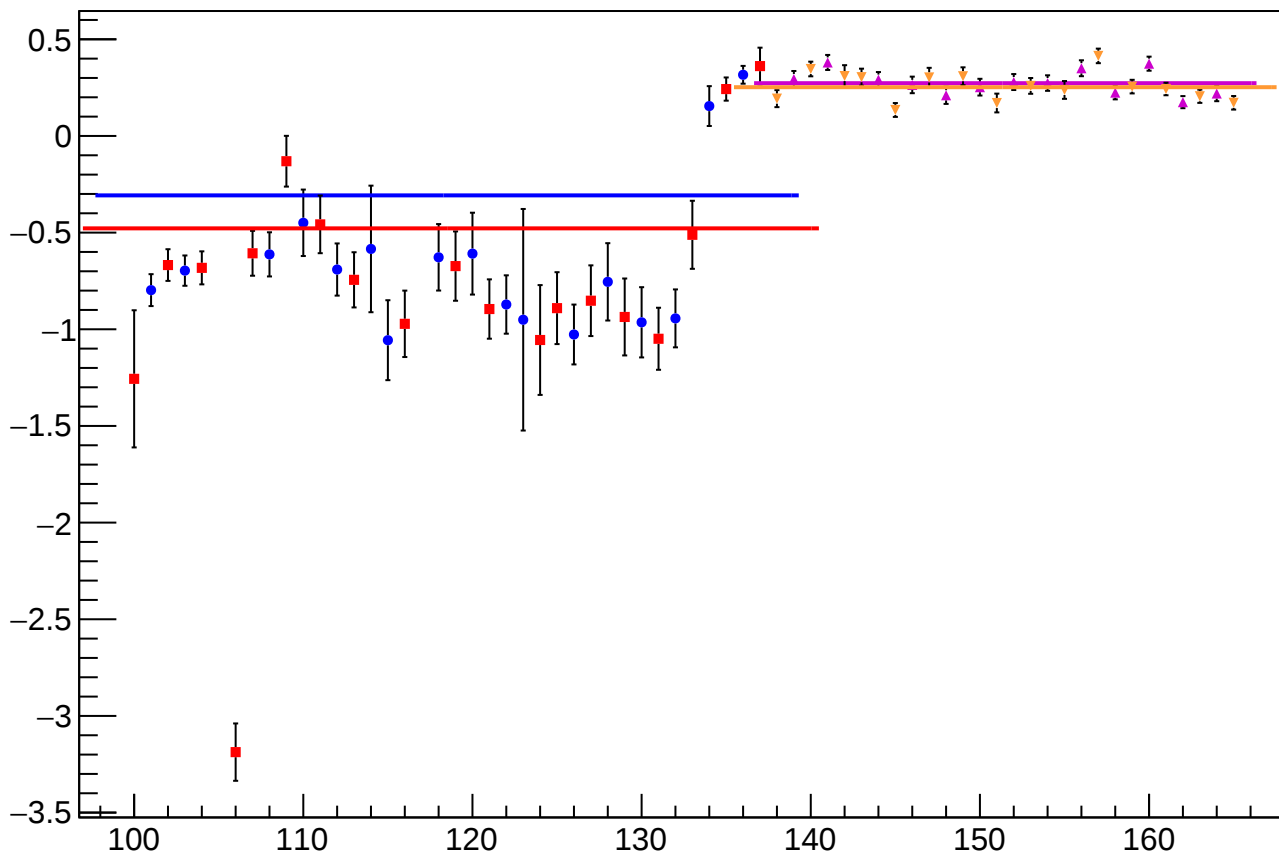
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -14.173 ± 0.210 $\chi^2/\text{NDF}: 1337.7/29$

Out: -14.205 ± 0.203 $\chi^2/\text{NDF}: 868.7/33$

All: -14.190 ± 0.146 $\chi^2/\text{NDF}: 2206.5/63$

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: 0.252 ± 0.010 χ^2/NDF : 52.4/14

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.273 ± 0.011 χ^2/NDF : 35.1/12

Left: 0.262 ± 0.007 χ^2/NDF : 89.5/27

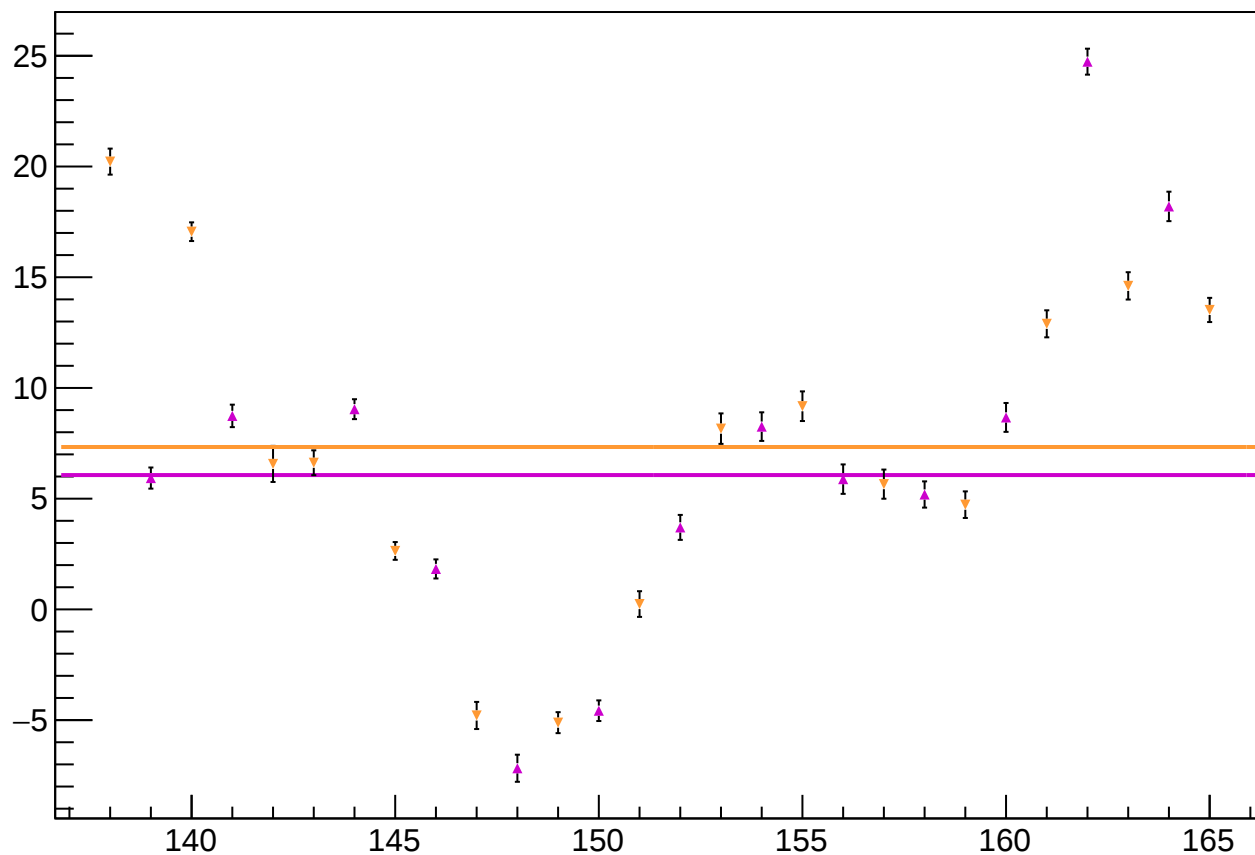
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.195 ± 0.010 χ^2/NDF : 792.0/29

Out: 0.167 ± 0.010 χ^2/NDF : 1262.7/33

All: 0.181 ± 0.007 χ^2/NDF : 2058.6/63

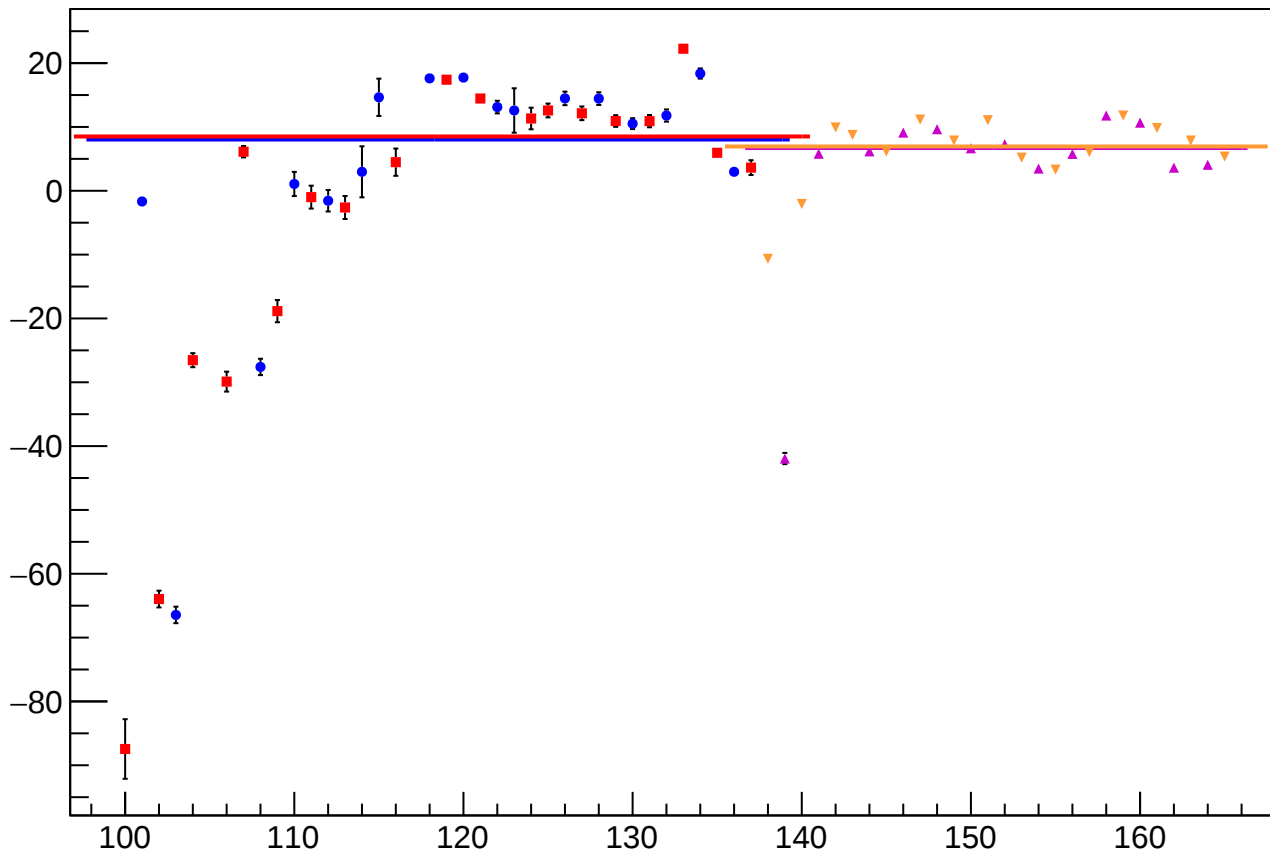
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.333+/-0.145 χ^2/NDF :2767.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.066+/-0.151 χ^2/NDF :2550.4/12

Left: 6.724+/-0.104 χ^2/NDF : 5354.4/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.066+/-0.151 χ^2/NDF :2550.4/12
 Out: 7.333+/-0.145 χ^2/NDF :2767.3/14
 All: 6.724+/-0.104 χ^2/NDF : 5354.4/27

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: 6.940 $\pm$ 0.102 χ^2 /NDF: 2228.0/14

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 6.702 $\pm$ 0.107 χ^2 /NDF: 3603.5/12

Left: 6.827 $\pm$ 0.074 χ^2 /NDF: 5834.1/27

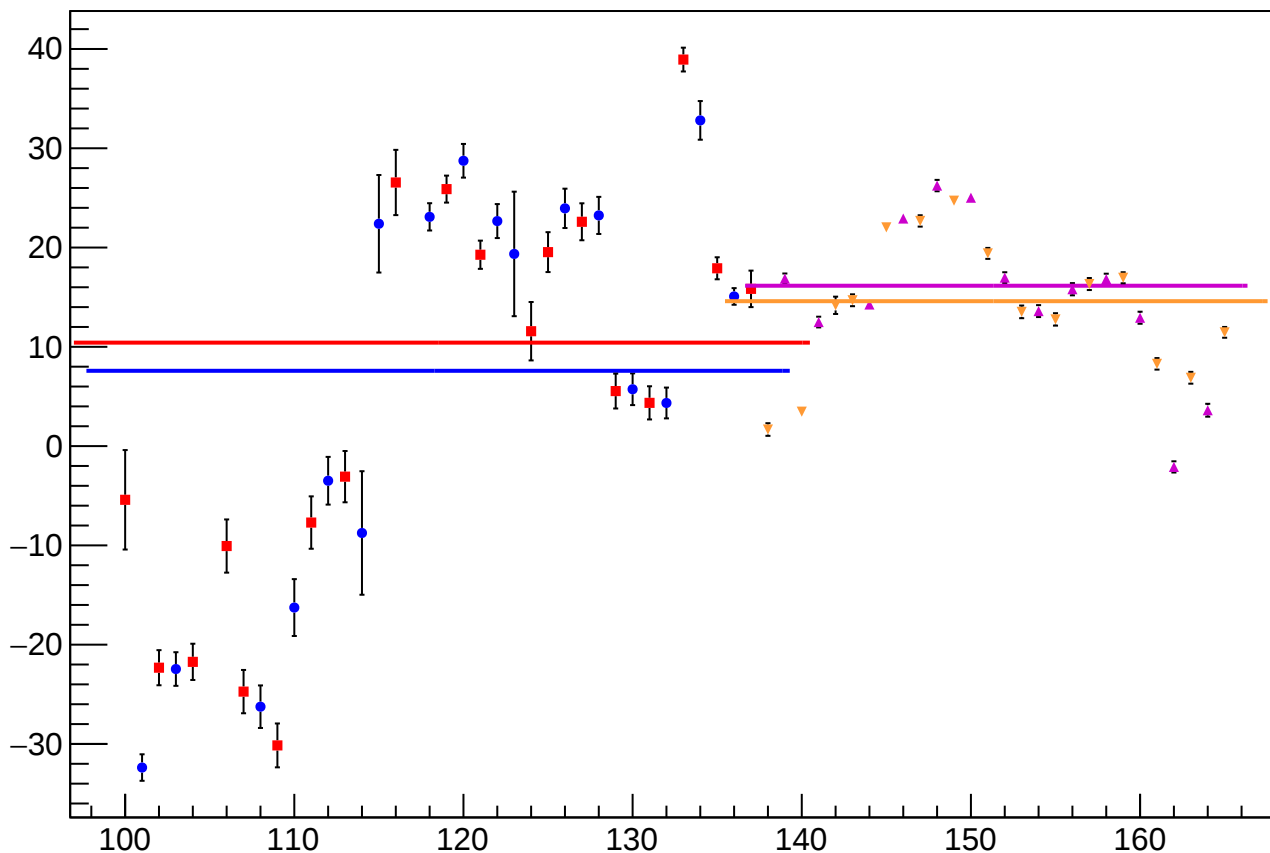
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 6.967 $\pm$ 0.096 χ^2 /NDF: 9004.5/29

Out: 7.235 $\pm$ 0.092 χ^2 /NDF: 8985.3/33

All: 7.106 $\pm$ 0.066 χ^2 /NDF: 17993.9/63

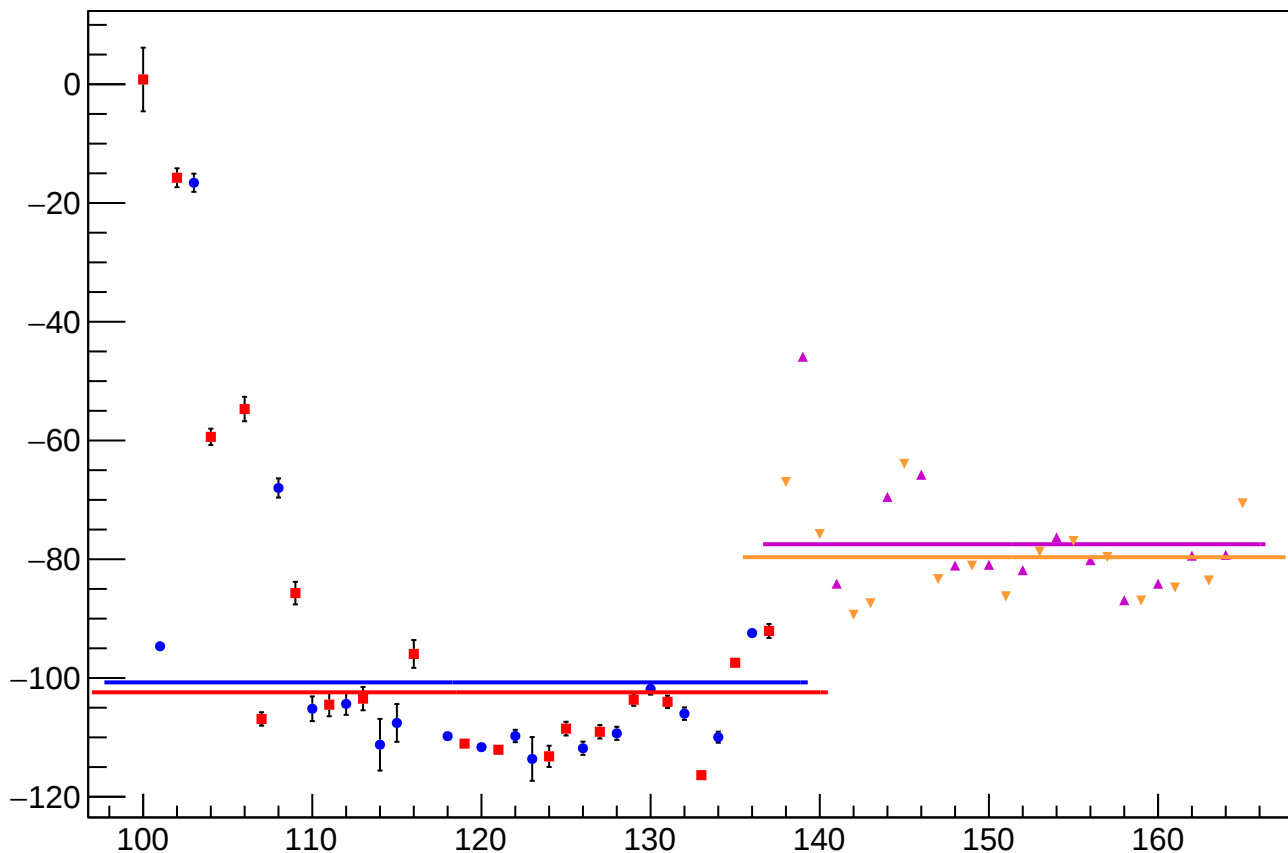
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$
 Left Out: 14.597 ± 0.143 $\chi^2/\text{NDF}: 2485.0/14$
 Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$
 Left In: 16.154 ± 0.147 $\chi^2/\text{NDF}: 2521.4/12$

Left: 15.355 ± 0.103 $\chi^2/\text{NDF}: 5063.7/27$
 Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$
 In: 15.200 ± 0.139 $\chi^2/\text{NDF}: 5220.7/29$
 Out: 14.154 ± 0.136 $\chi^2/\text{NDF}: 4864.5/33$
 All: 14.664 ± 0.097 $\chi^2/\text{NDF}: 10114.2/63$

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: -79.653 ± 0.120 χ^2/NDF : 3835.8/14

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -77.472 ± 0.125 χ^2/NDF : 4195.5/12

Left: -78.609 ± 0.087 χ^2/NDF : 8189.2/27

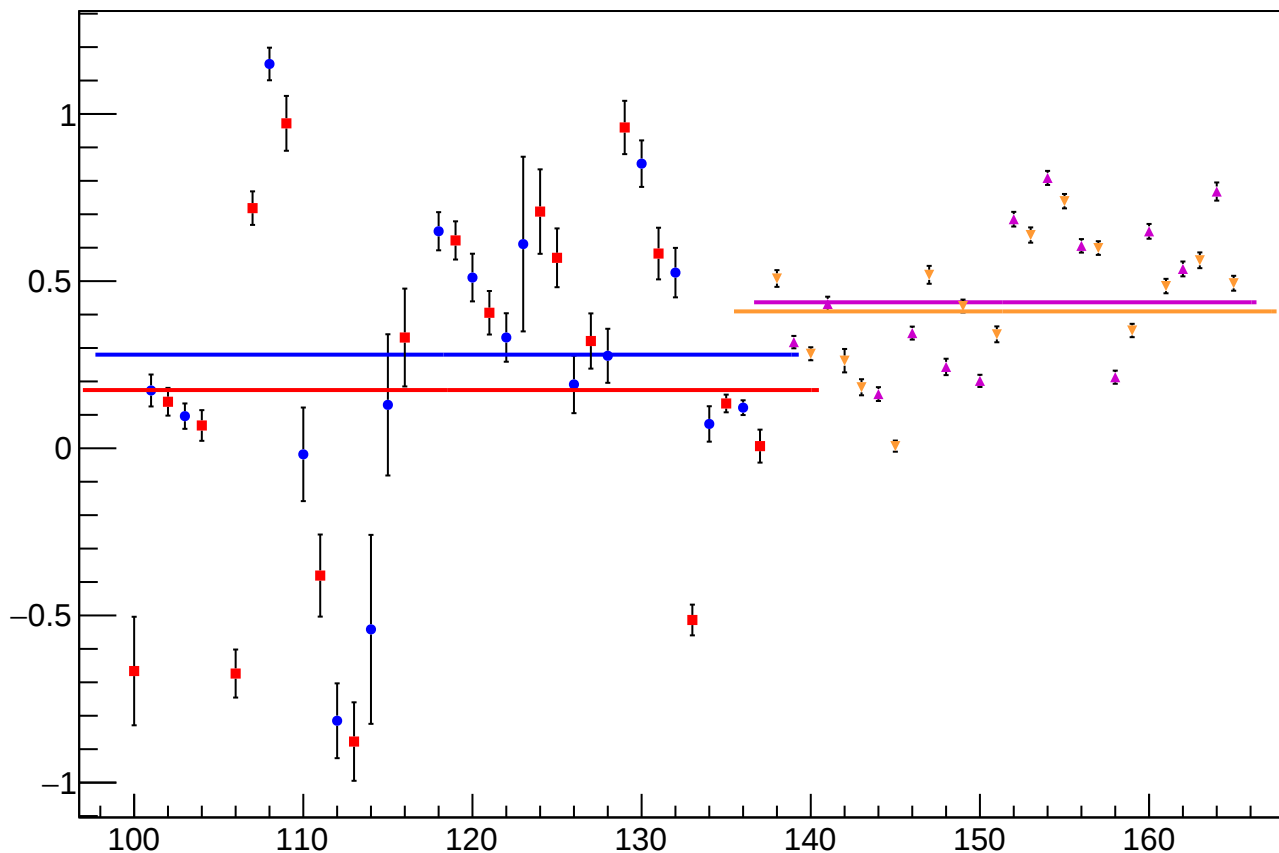
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -82.192 ± 0.112 χ^2/NDF : 15712.9/29

Out: -84.032 ± 0.108 χ^2/NDF : 16841.5/33

All: -83.146 ± 0.078 χ^2/NDF : 32694.6/63

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: 0.409 ± 0.006 χ^2/NDF : 1272.1/14

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.437 ± 0.006 χ^2/NDF : 1369.1/12

Left: 0.423 ± 0.004 χ^2/NDF : 2652.5/27

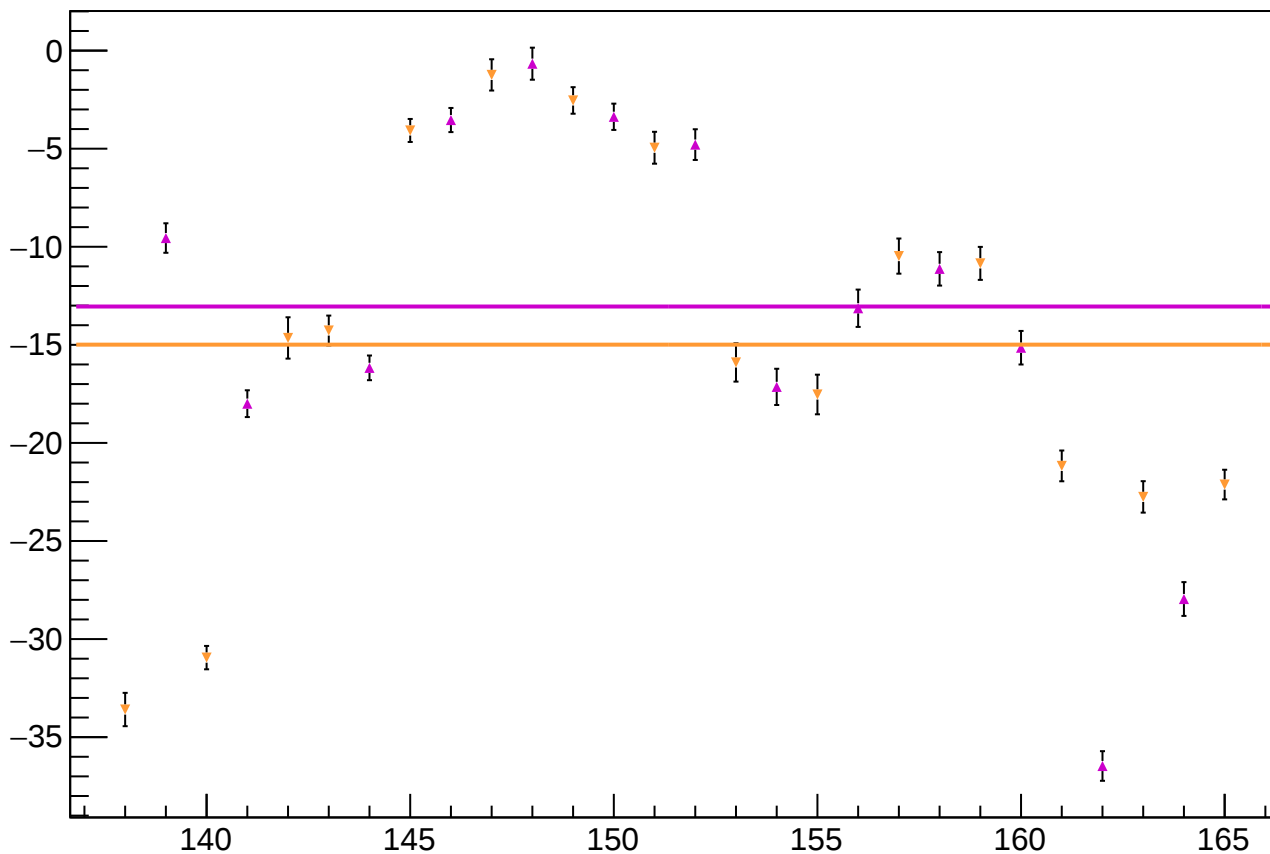
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.412 ± 0.005 χ^2/NDF : 2139.3/29

Out: 0.374 ± 0.005 χ^2/NDF : 2496.6/33

All: 0.393 ± 0.004 χ^2/NDF : 4661.8/63

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.990+/-0.201 χ^2/NDF : 2634.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.046+/-0.211 χ^2/NDF : 2179.9/12

Left: -14.061+/-0.146 χ^2/NDF : 4858.4/27

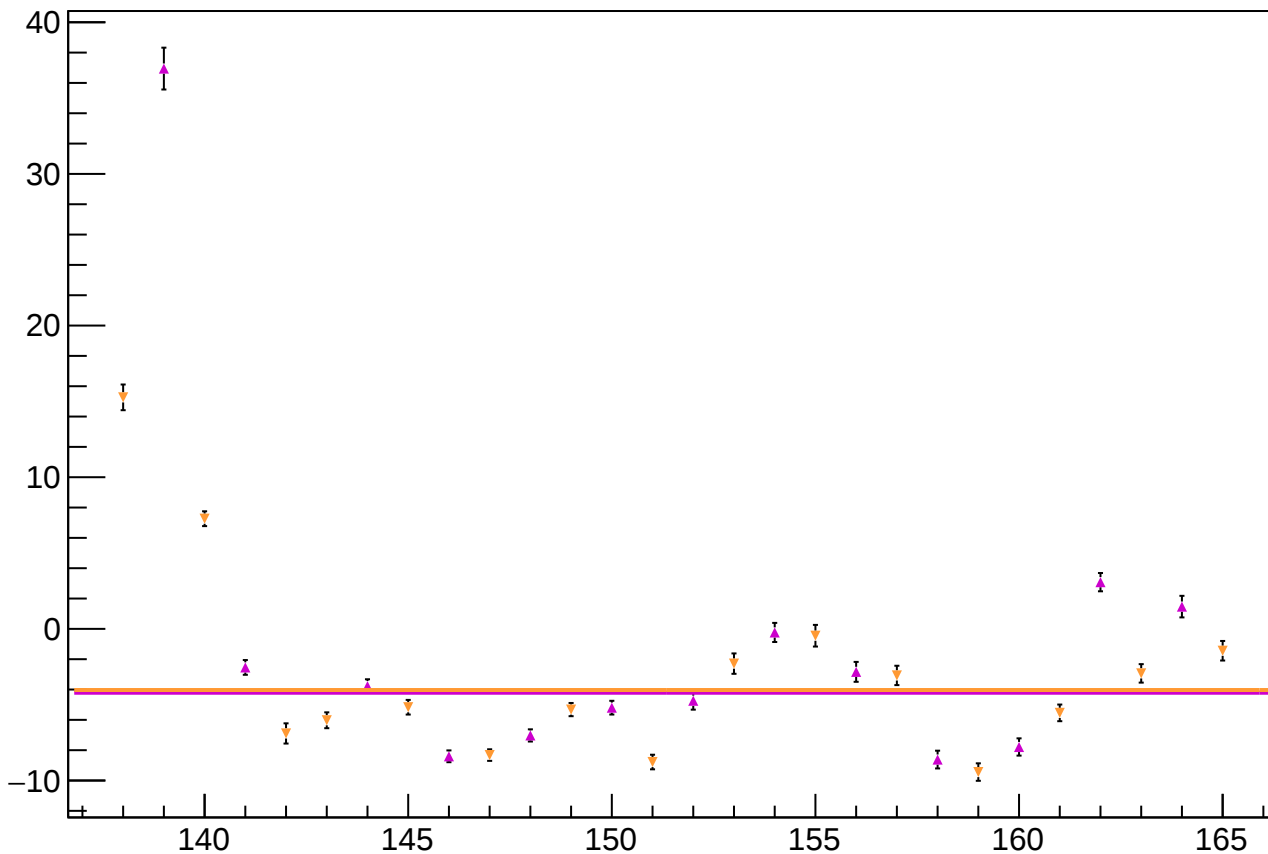
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.046+/-0.211 χ^2/NDF : 2179.9/12

Out: -14.990+/-0.201 χ^2/NDF : 2634.1/14

All: -14.061+/-0.146 χ^2/NDF : 4858.4/27

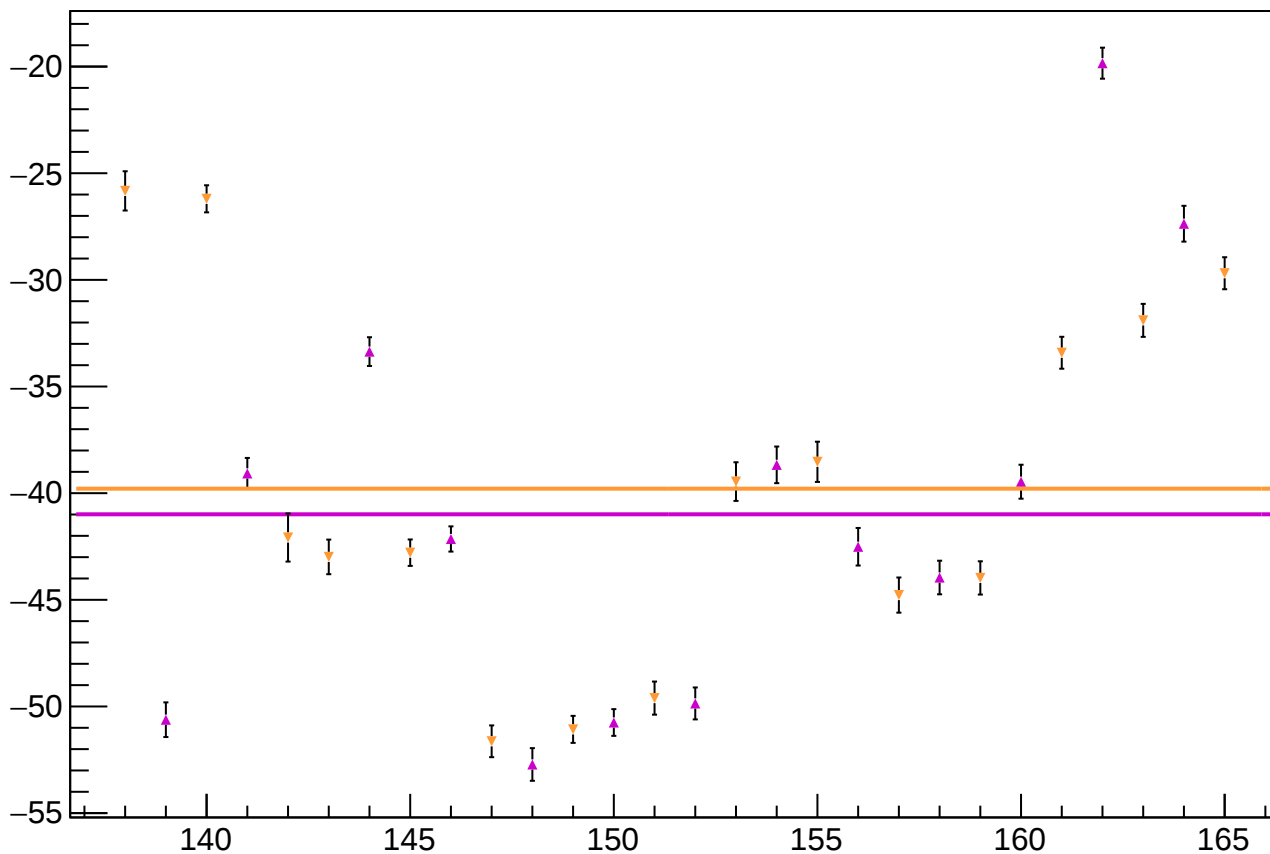
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.033+/-0.141 χ^2/NDF :1473.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.211+/-0.148 χ^2/NDF :1424.2/12

Left: -4.118+/-0.102 χ^2/NDF : 2898.3/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.211+/-0.148 χ^2/NDF :1424.2/12
 Out: -4.033+/-0.141 χ^2/NDF :1473.4/14
 All: -4.118+/-0.102 χ^2/NDF : 2898.3/27

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: -39.789+/-0.199 χ^2/NDF :1887.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.991+/-0.206 χ^2/NDF :2034.5/12

Left: -40.371+/-0.143 χ^2/NDF : 3939.3/27

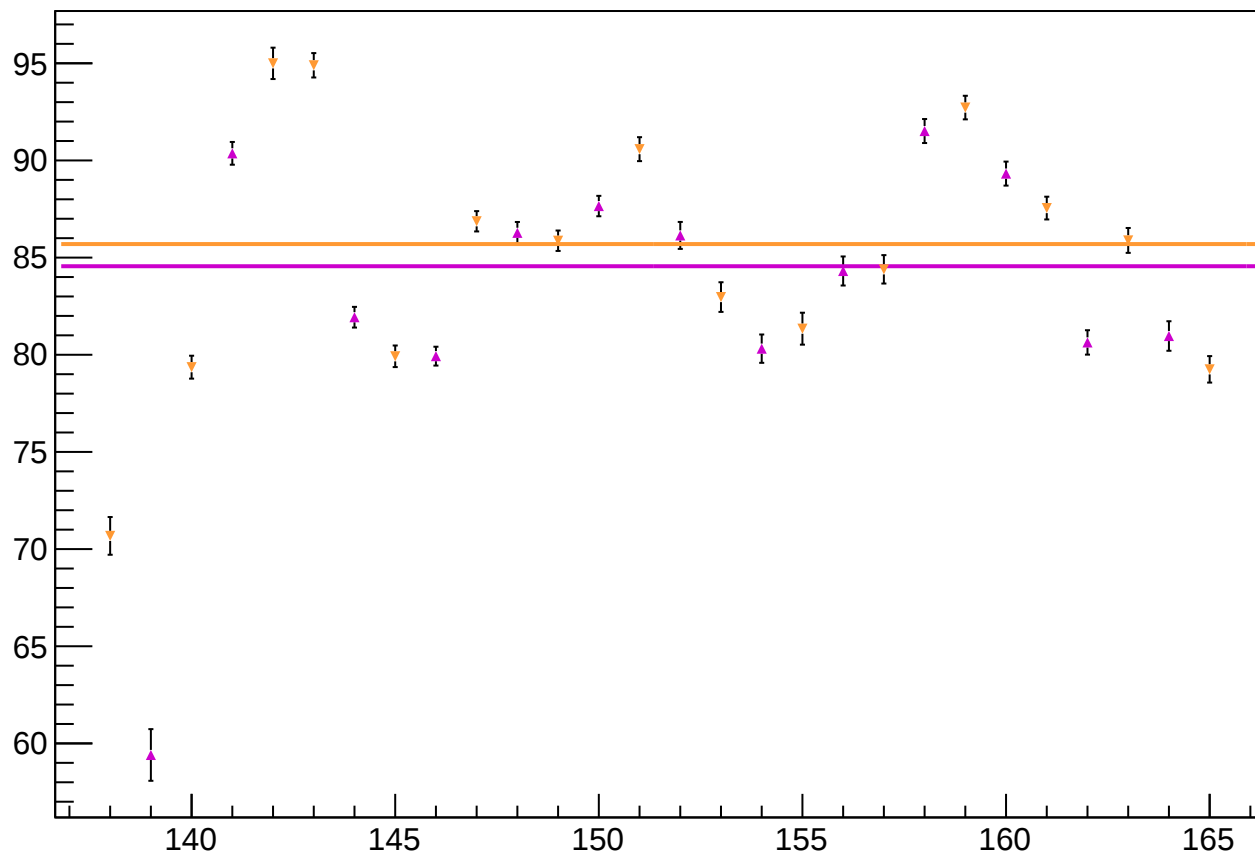
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.991+/-0.206 χ^2/NDF :2034.5/12

Out: -39.789+/-0.199 χ^2/NDF :1887.1/14

All: -40.371+/-0.143 χ^2/NDF : 3939.3/27

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 85.697 $\pm$ 0.166 χ^2 /NDF:1156.0/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 84.556 $\pm$ 0.173 χ^2 /NDF:902.7/12

Left: 85.152 $\pm$ 0.120 χ^2 /NDF: 2081.3/27

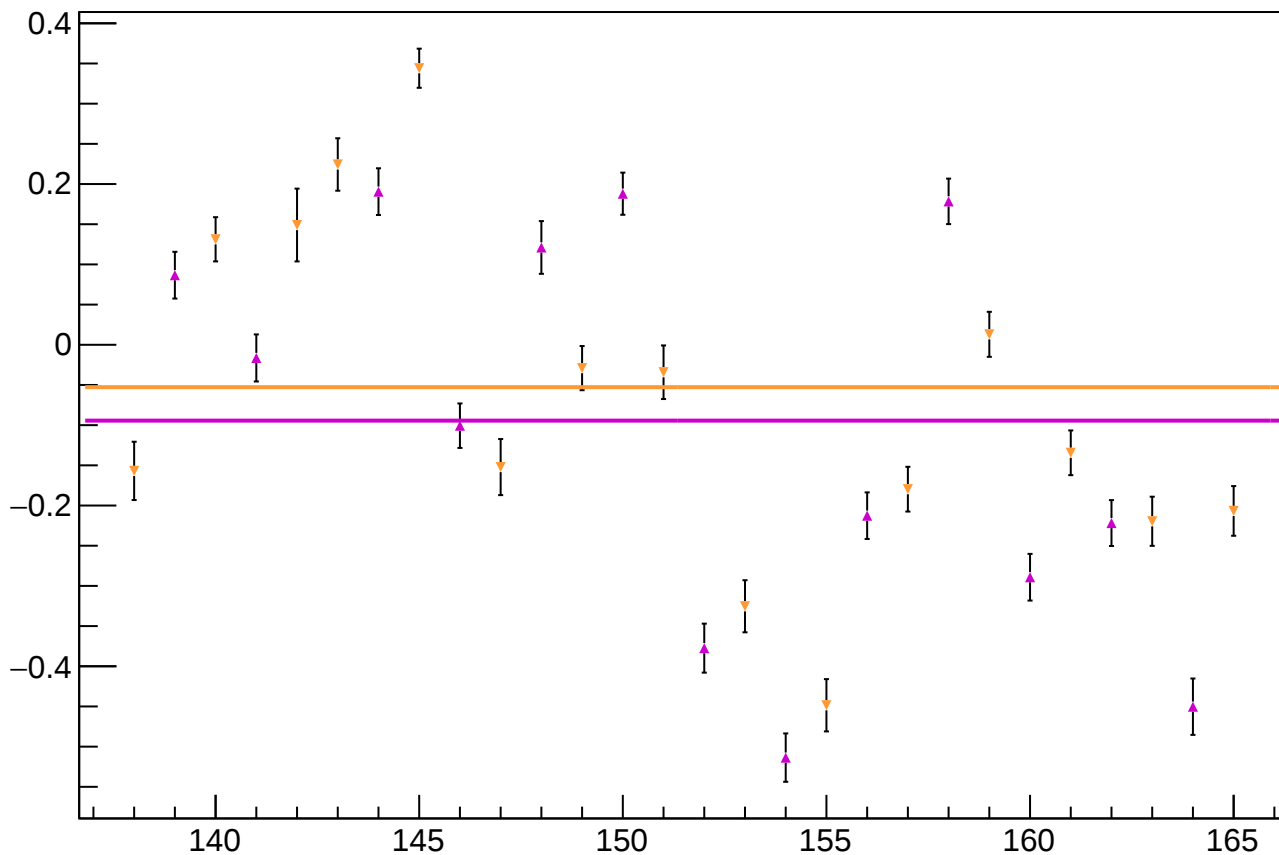
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 84.556 $\pm$ 0.173 χ^2 /NDF:902.7/12

Out: 85.697 $\pm$ 0.166 χ^2 /NDF:1156.0/14

All: 85.152 $\pm$ 0.120 χ^2 /NDF: 2081.3/27

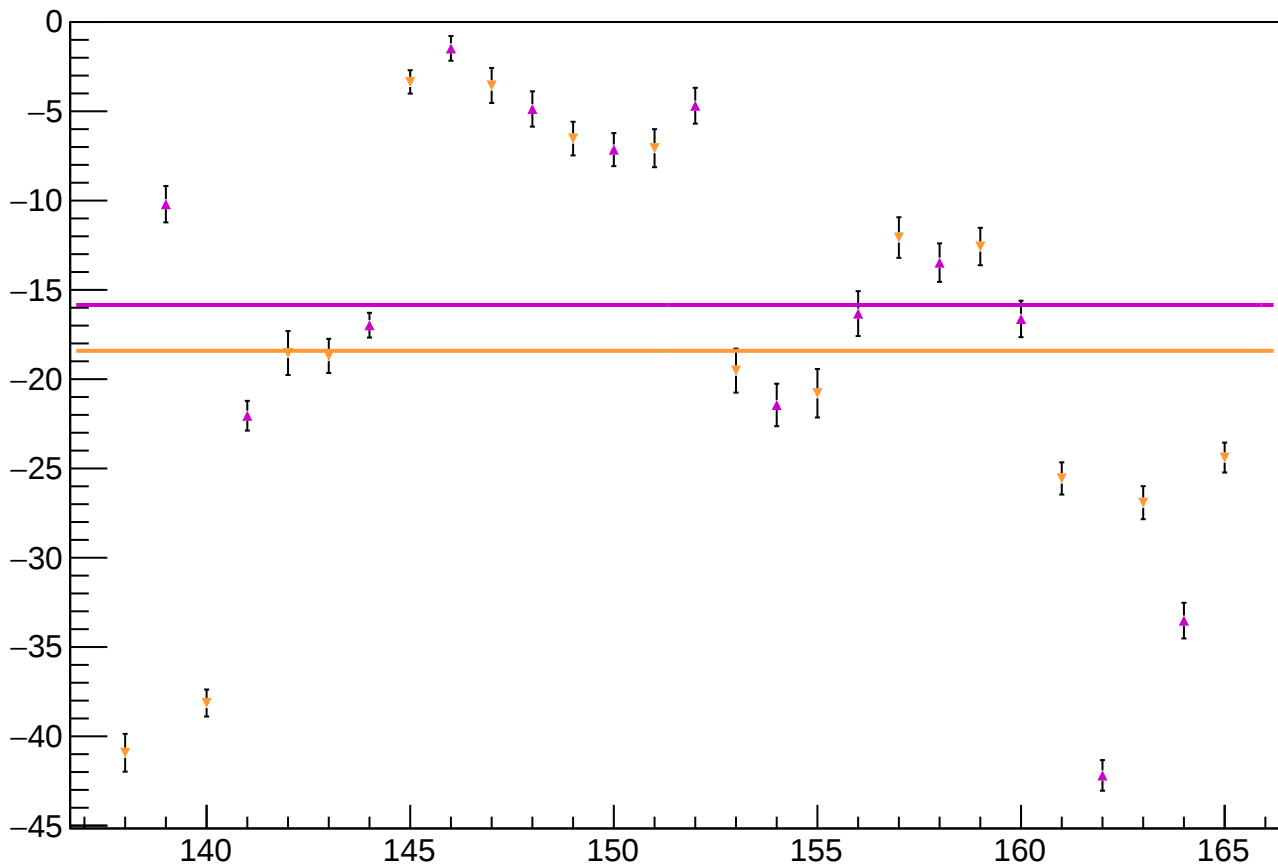
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.053 ± 0.008 $\chi^2/\text{NDF}: 728.0/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.094 ± 0.008 $\chi^2/\text{NDF}: 859.0/12$

Left: -0.073 ± 0.006 $\chi^2/\text{NDF}: 1600.6/27$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.094 ± 0.008 $\chi^2/\text{NDF}: 859.0/12$
 Out: -0.053 ± 0.008 $\chi^2/\text{NDF}: 728.0/14$
 All: -0.073 ± 0.006 $\chi^2/\text{NDF}: 1600.6/27$

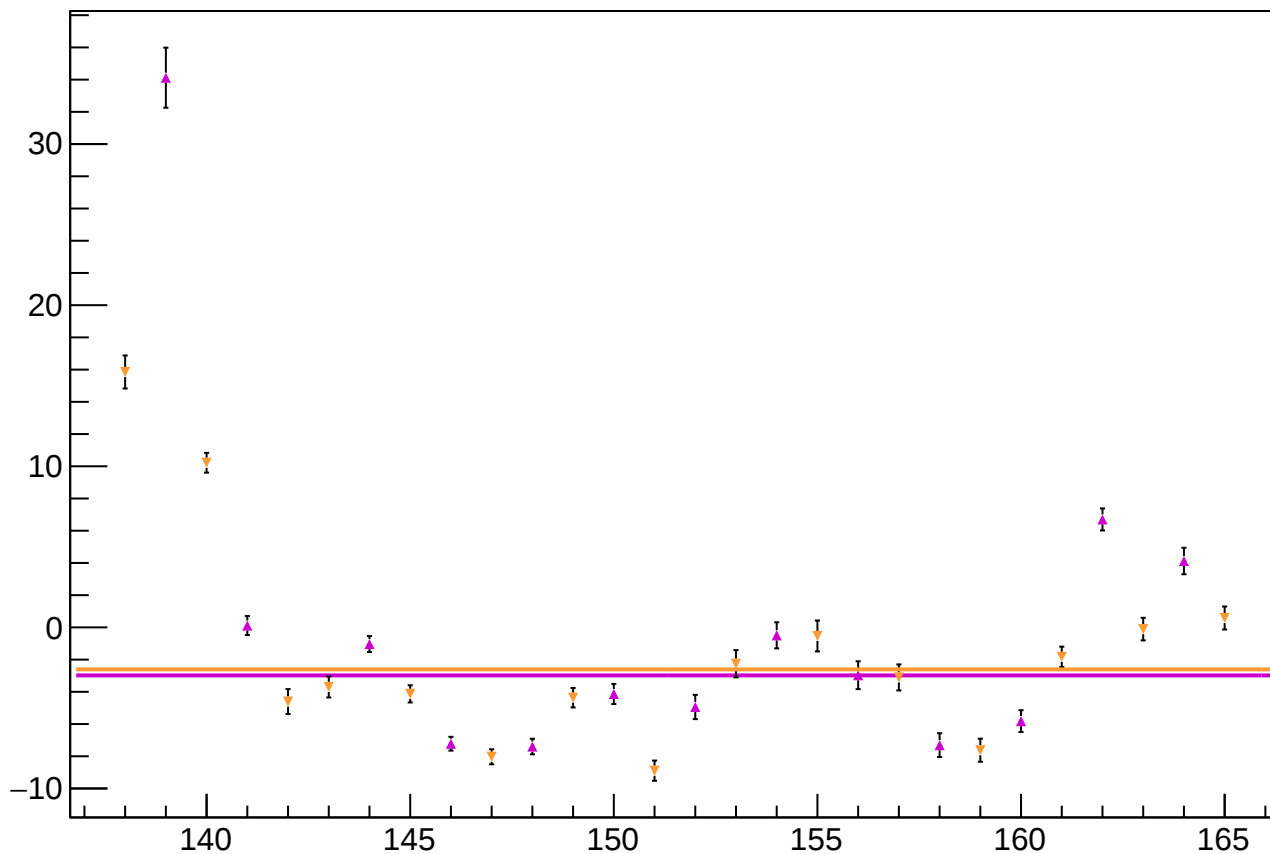
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.412+/-0.246 χ^2/NDF :2426.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.845+/-0.256 χ^2/NDF :2139.9/12

Left: -17.178+/-0.177 χ^2/NDF : 4618.2/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -15.845+/-0.256 χ^2/NDF :2139.9/12
 Out: -18.412+/-0.246 χ^2/NDF :2426.1/14
 All: -17.178+/-0.177 χ^2/NDF : 4618.2/27

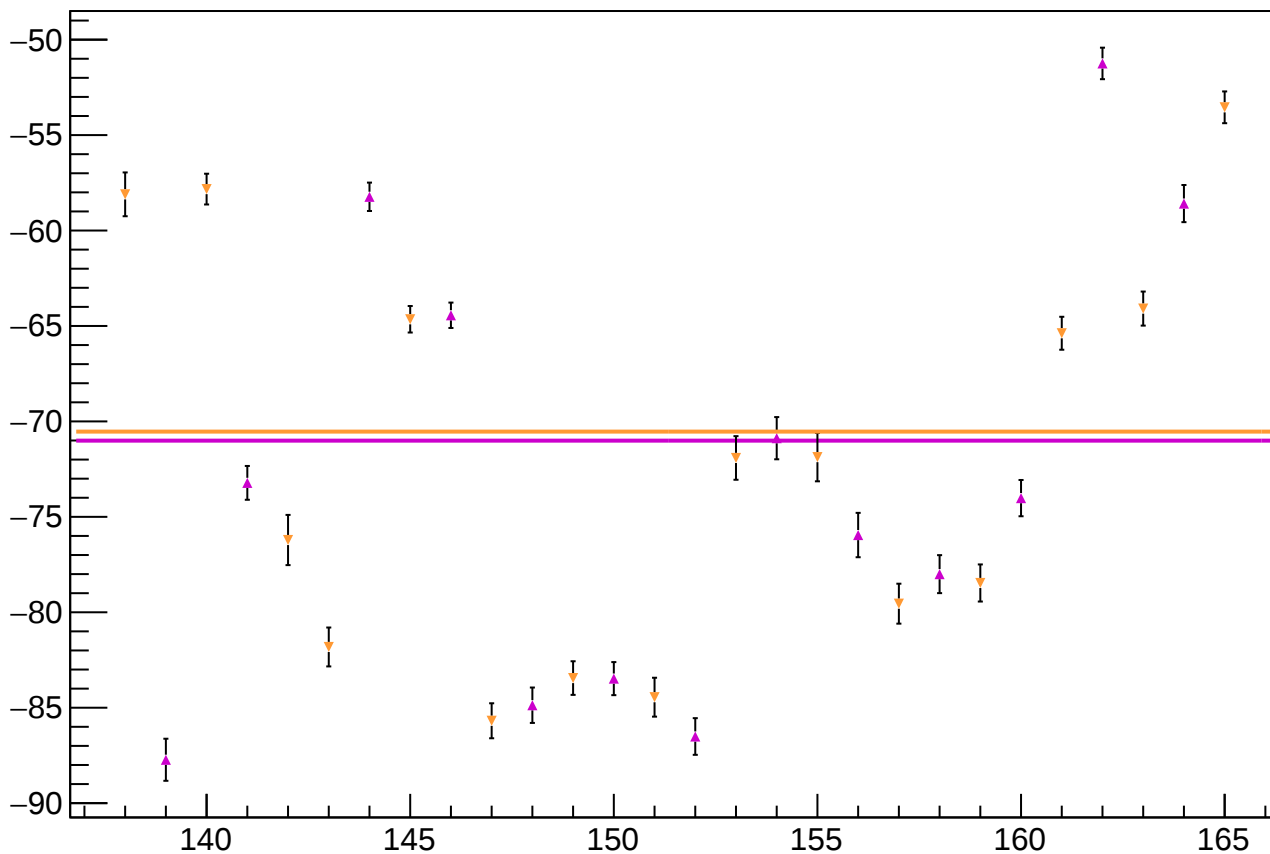
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.607+/-0.173 χ^2/NDF :1109.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.981+/-0.177 χ^2/NDF :966.8/12

Left: -2.789+/-0.124 χ^2/NDF : 2078.1/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.981+/-0.177 χ^2/NDF :966.8/12
 Out: -2.607+/-0.173 χ^2/NDF :1109.0/14
 All: -2.789+/-0.124 χ^2/NDF : 2078.1/27

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: -70.534+/-0.244 χ^2/NDF :1901.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.008+/-0.250 χ^2/NDF :2133.7/12

Left: -70.765+/-0.175 χ^2/NDF : 4037.1/27

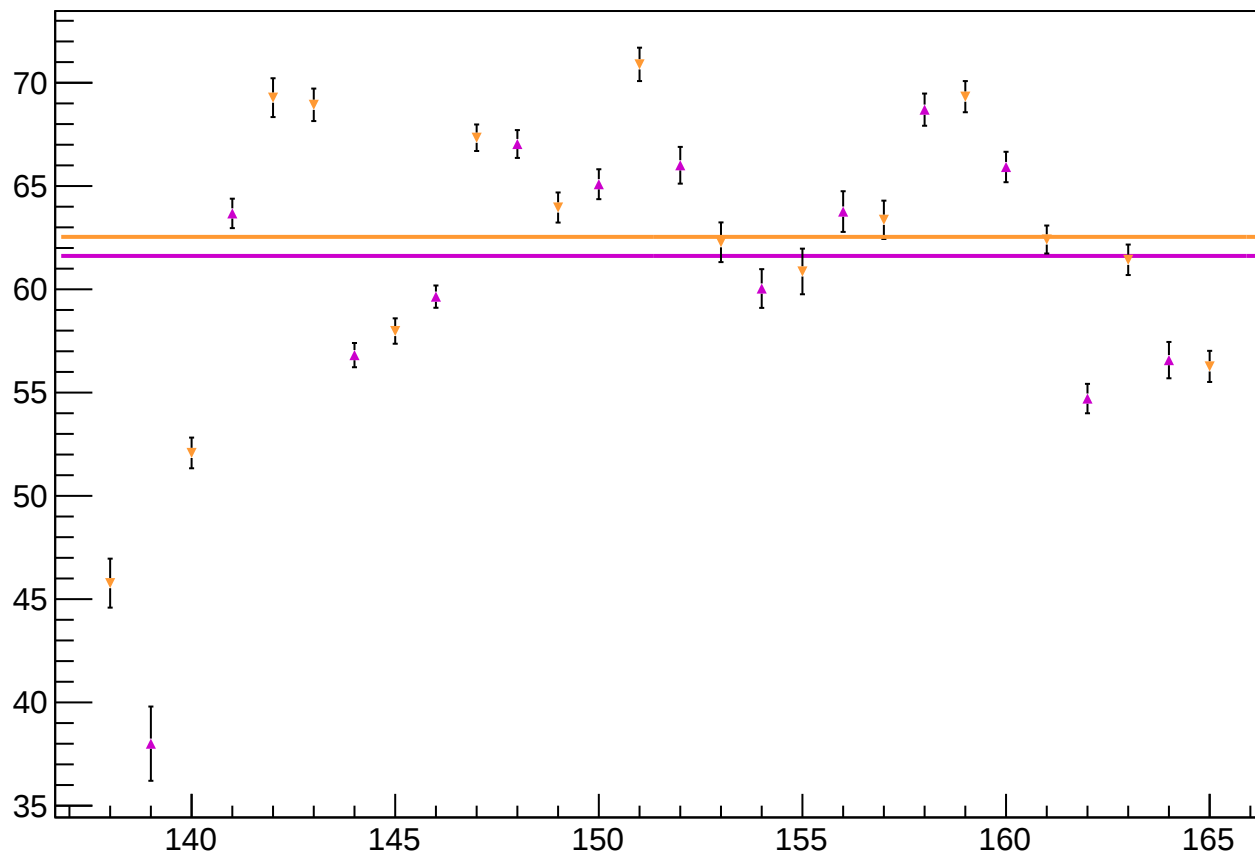
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.008+/-0.250 χ^2/NDF :2133.7/12

Out: -70.534+/-0.244 χ^2/NDF :1901.6/14

All: -70.765+/-0.175 χ^2/NDF : 4037.1/27

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 62.539+/-0.203 χ^2/NDF :892.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 61.616+/-0.209 χ^2/NDF :624.5/12

Left: 62.092+/-0.145 χ^2/NDF : 1527.2/27

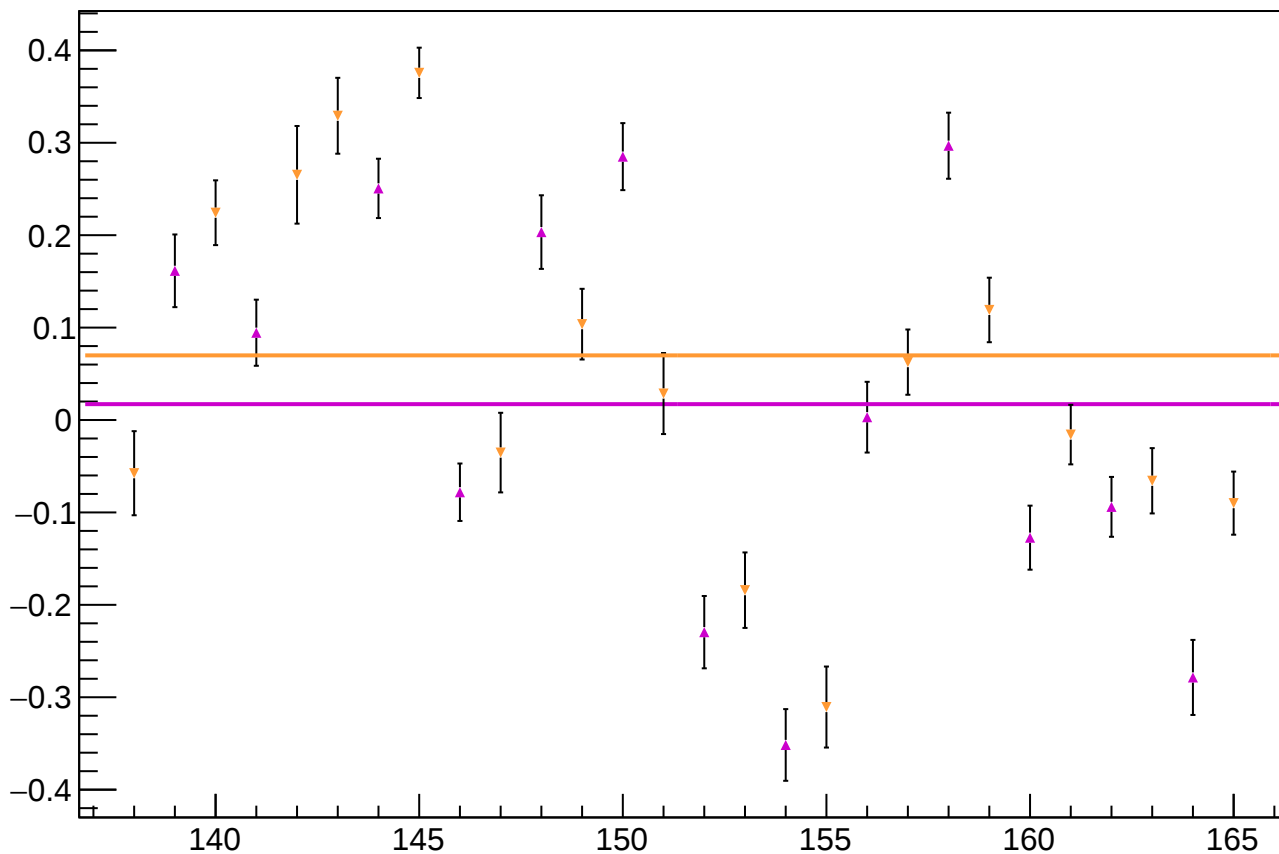
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.616+/-0.209 χ^2/NDF :624.5/12

Out: 62.539+/-0.203 χ^2/NDF :892.6/14

All: 62.092+/-0.145 χ^2/NDF : 1527.2/27

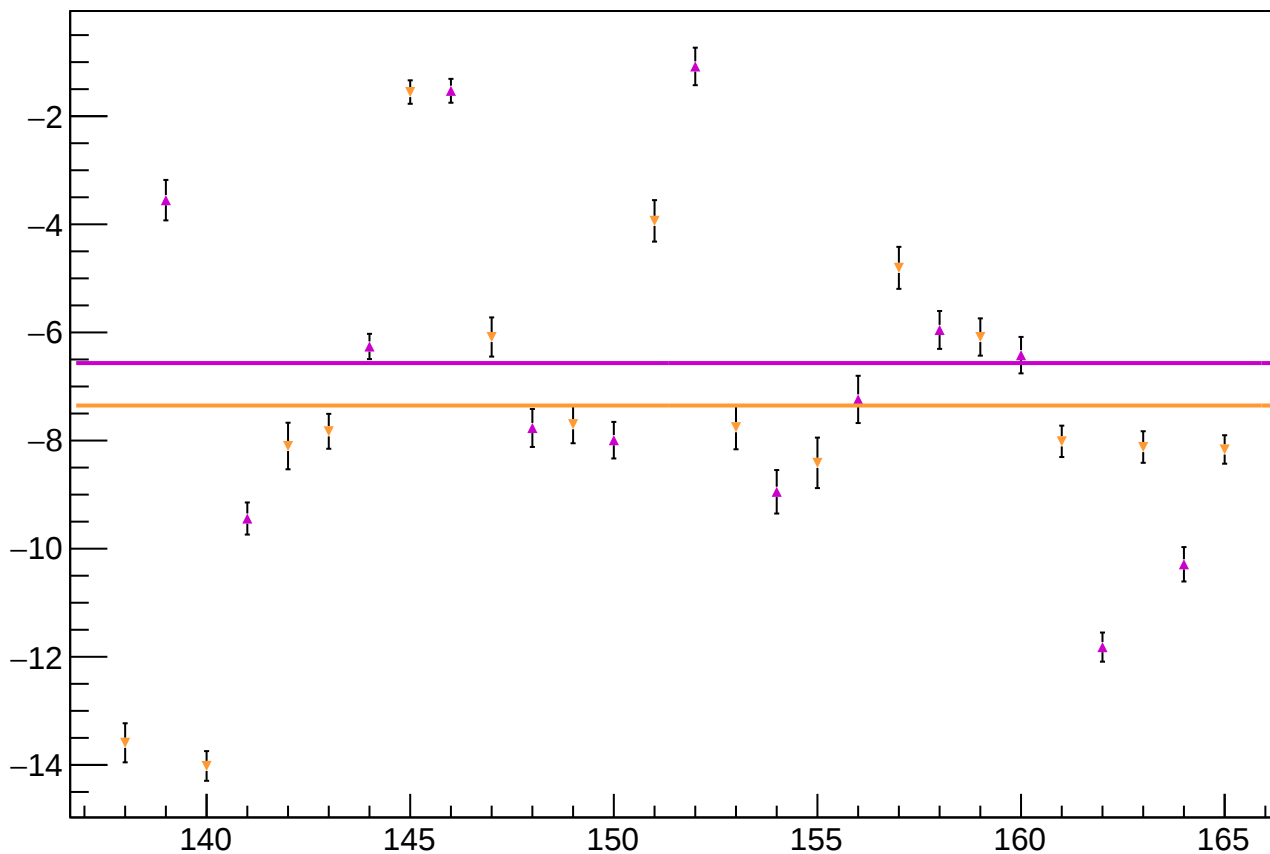
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.070+/-0.010 χ^2/NDF :374.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.017+/-0.010 χ^2/NDF :430.5/12

Left: 0.044+/-0.007 χ^2/NDF : 819.0/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.017+/-0.010 χ^2/NDF :430.5/12
 Out: 0.070+/-0.010 χ^2/NDF :374.1/14
 All: 0.044+/-0.007 χ^2/NDF : 819.0/27

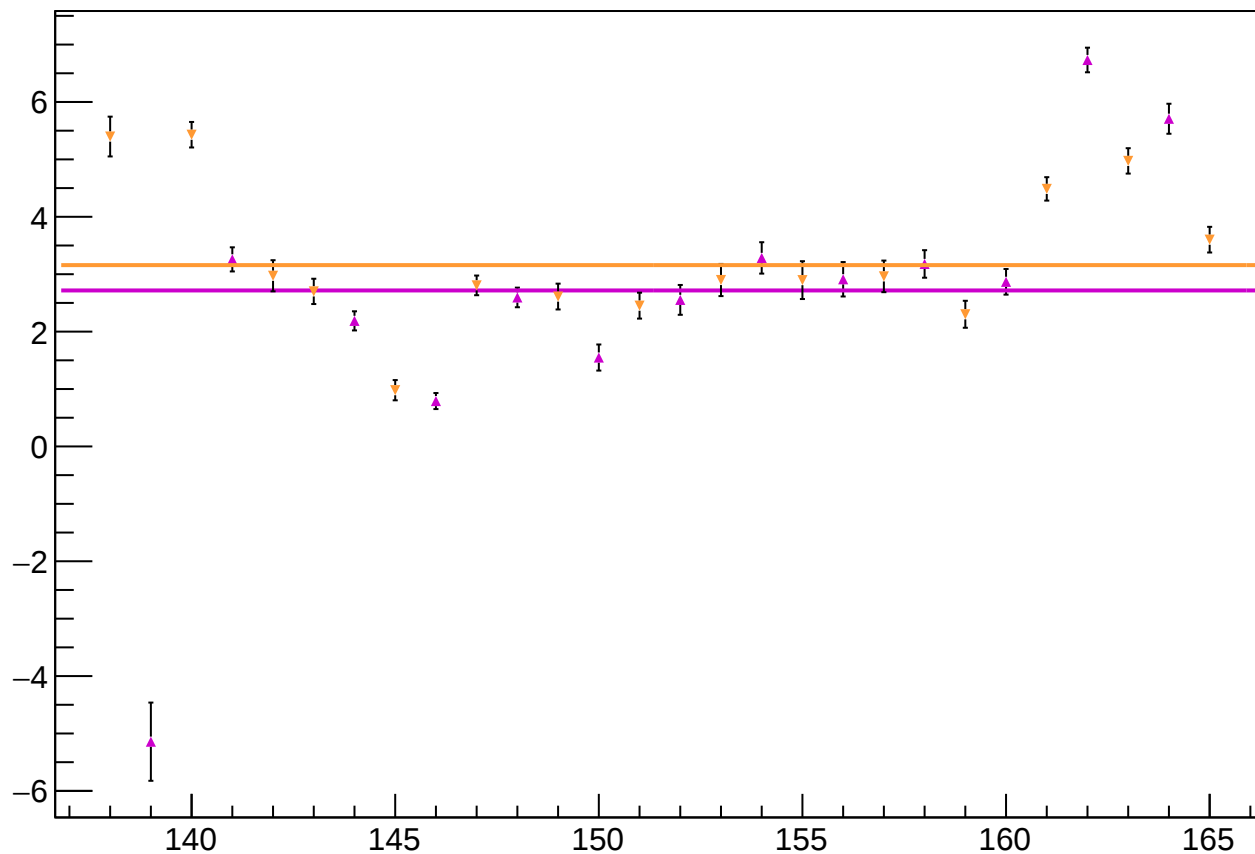
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.352+/-0.084 χ^2/NDF :1783.0/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.567+/-0.086 χ^2/NDF :1517.3/12

Left: -6.972+/-0.060 χ^2/NDF : 3343.1/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.567+/-0.086 χ^2/NDF :1517.3/12
 Out: -7.352+/-0.084 χ^2/NDF :1783.0/14
 All: -6.972+/-0.060 χ^2/NDF : 3343.1/27

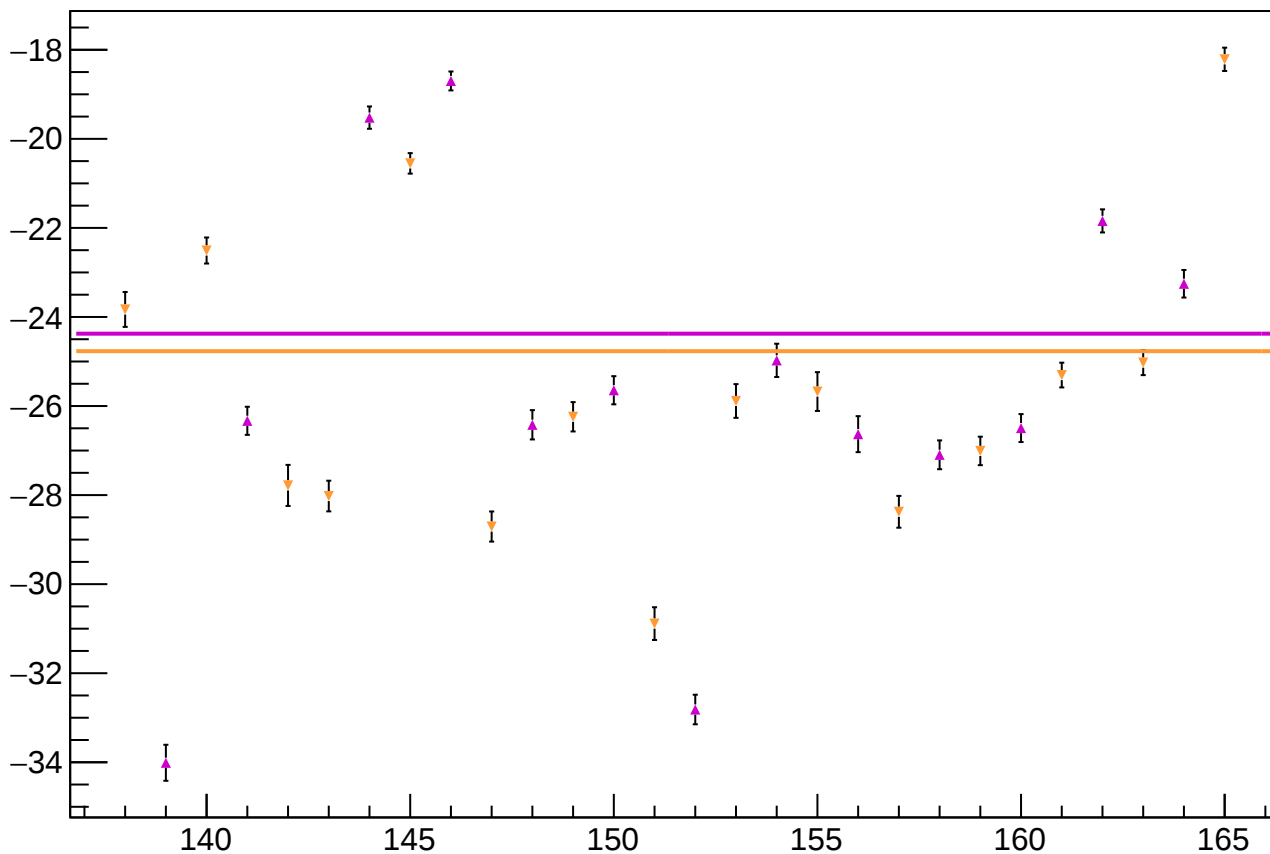
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.158+/-0.059 χ^2/NDF :452.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.717+/-0.060 χ^2/NDF :857.8/12

Left: 2.941+/-0.042 χ^2/NDF : 1337.9/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.717+/-0.060 χ^2/NDF :857.8/12
 Out: 3.158+/-0.059 χ^2/NDF :452.6/14
 All: 2.941+/-0.042 χ^2/NDF : 1337.9/27

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.768+/-0.083 χ^2/NDF :1761.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.375+/-0.084 χ^2/NDF :2653.1/12

Left: -24.575+/-0.059 χ^2/NDF : 4425.5/27

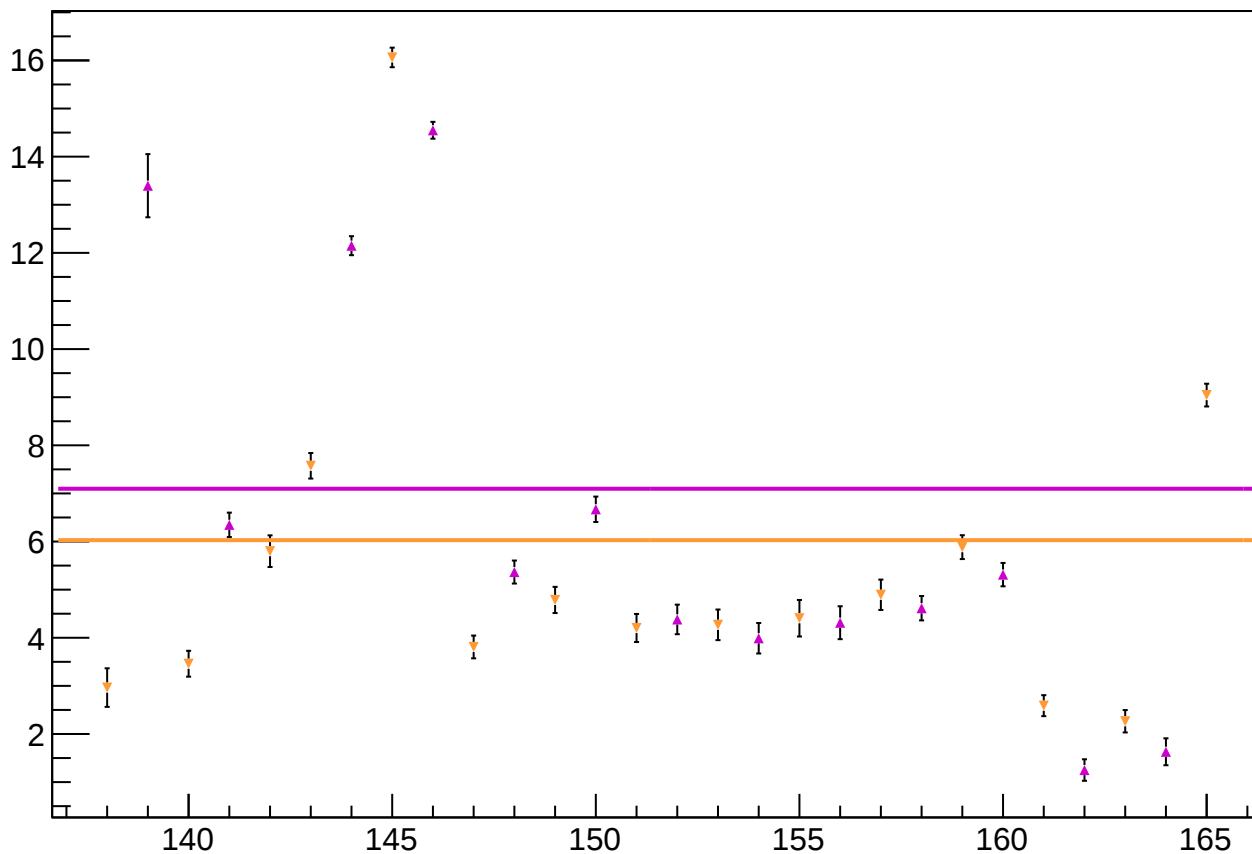
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.375+/-0.084 χ^2/NDF :2653.1/12

Out: -24.768+/-0.083 χ^2/NDF :1761.4/14

All: -24.575+/-0.059 χ^2/NDF : 4425.5/27

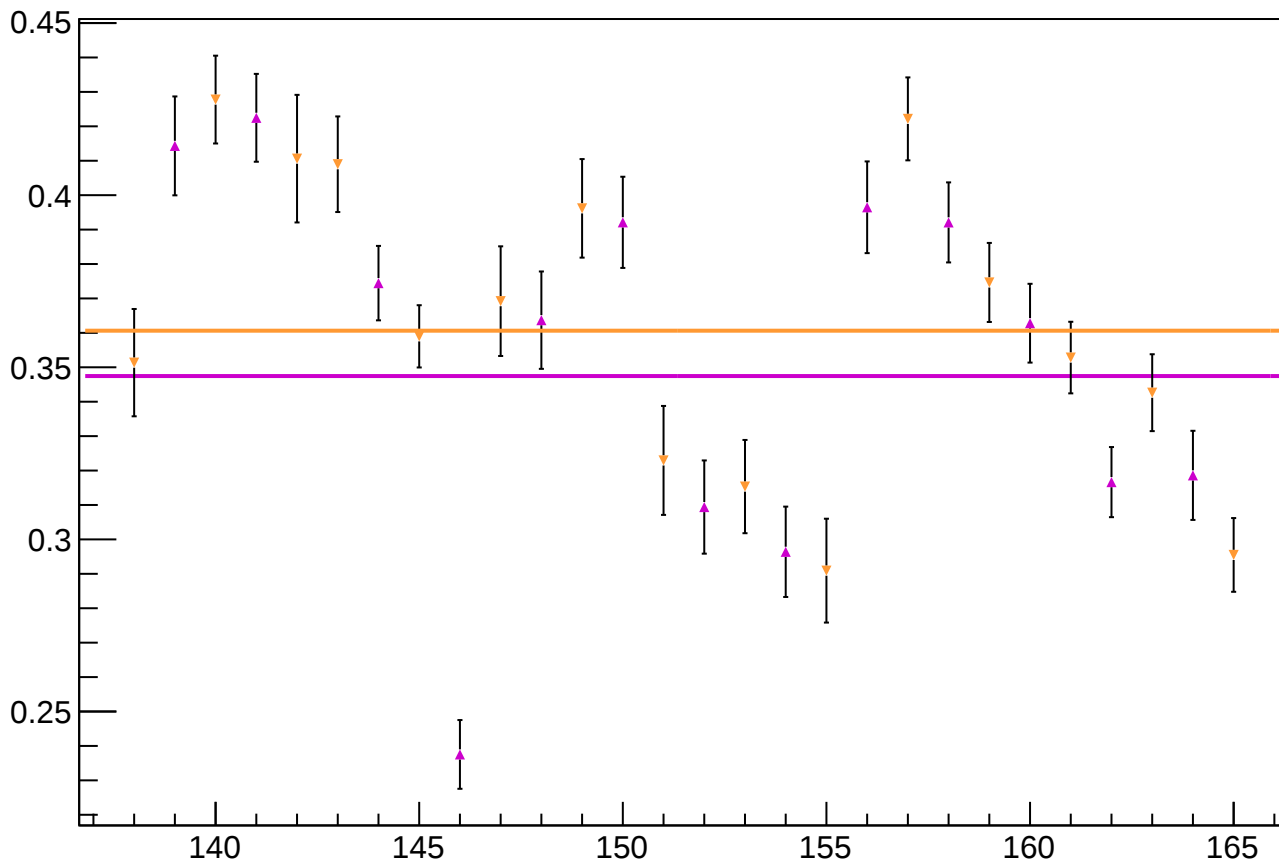
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.029+/-0.069 χ^2/NDF :3504.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.097+/-0.070 χ^2/NDF :4081.1/12

Left: 6.552+/-0.049 χ^2/NDF : 7703.9/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.097+/-0.070 χ^2/NDF :4081.1/12
 Out: 6.029+/-0.069 χ^2/NDF :3504.8/14
 All: 6.552+/-0.049 χ^2/NDF : 7703.9/27

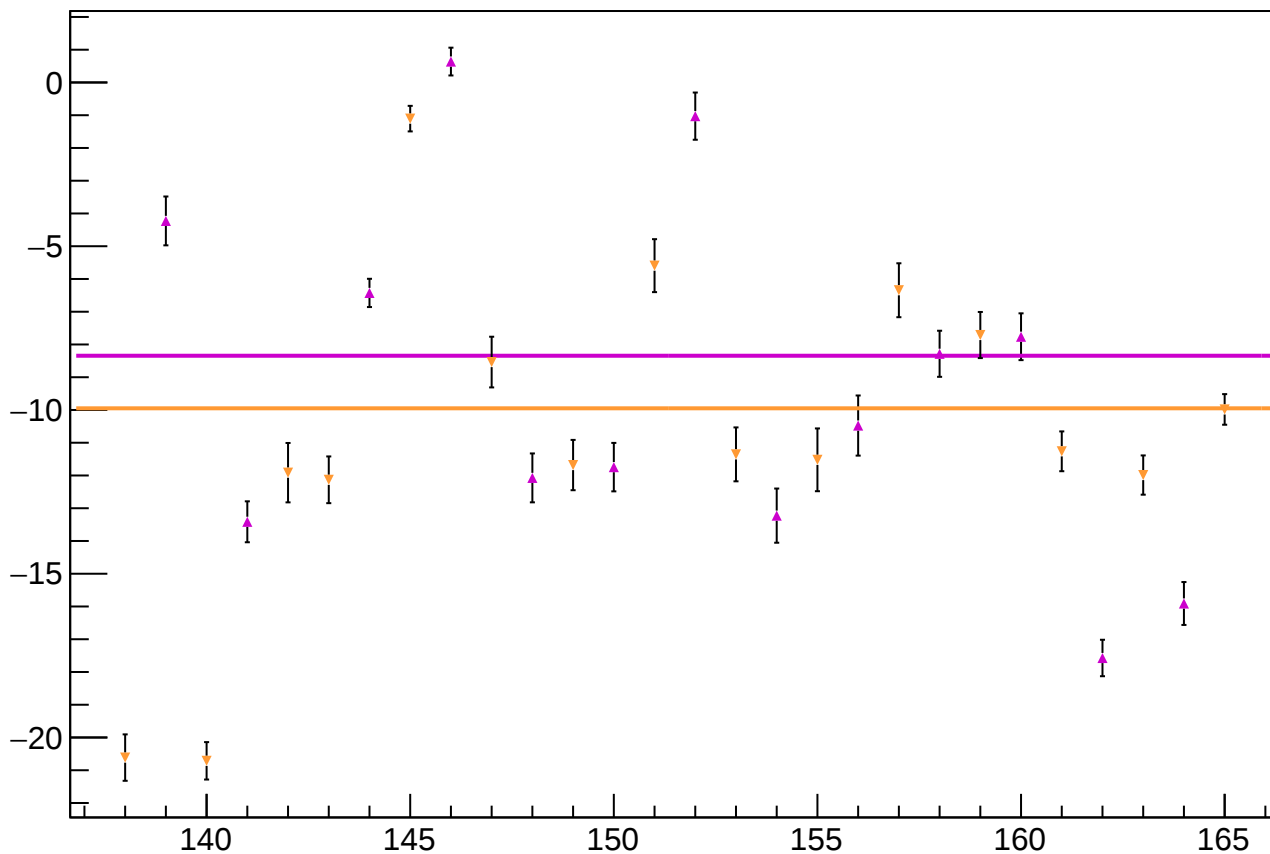
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.361 $\pm$ 0.003 χ^2 /NDF:159.9/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.347 $\pm$ 0.003 χ^2 /NDF:263.5/12

Left: 0.354 $\pm$ 0.002 χ^2 /NDF: 431.2/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.347 $\pm$ 0.003 χ^2 /NDF:263.5/12
 Out: 0.361 $\pm$ 0.003 χ^2 /NDF:159.9/14
 All: 0.354 $\pm$ 0.002 χ^2 /NDF: 431.2/27

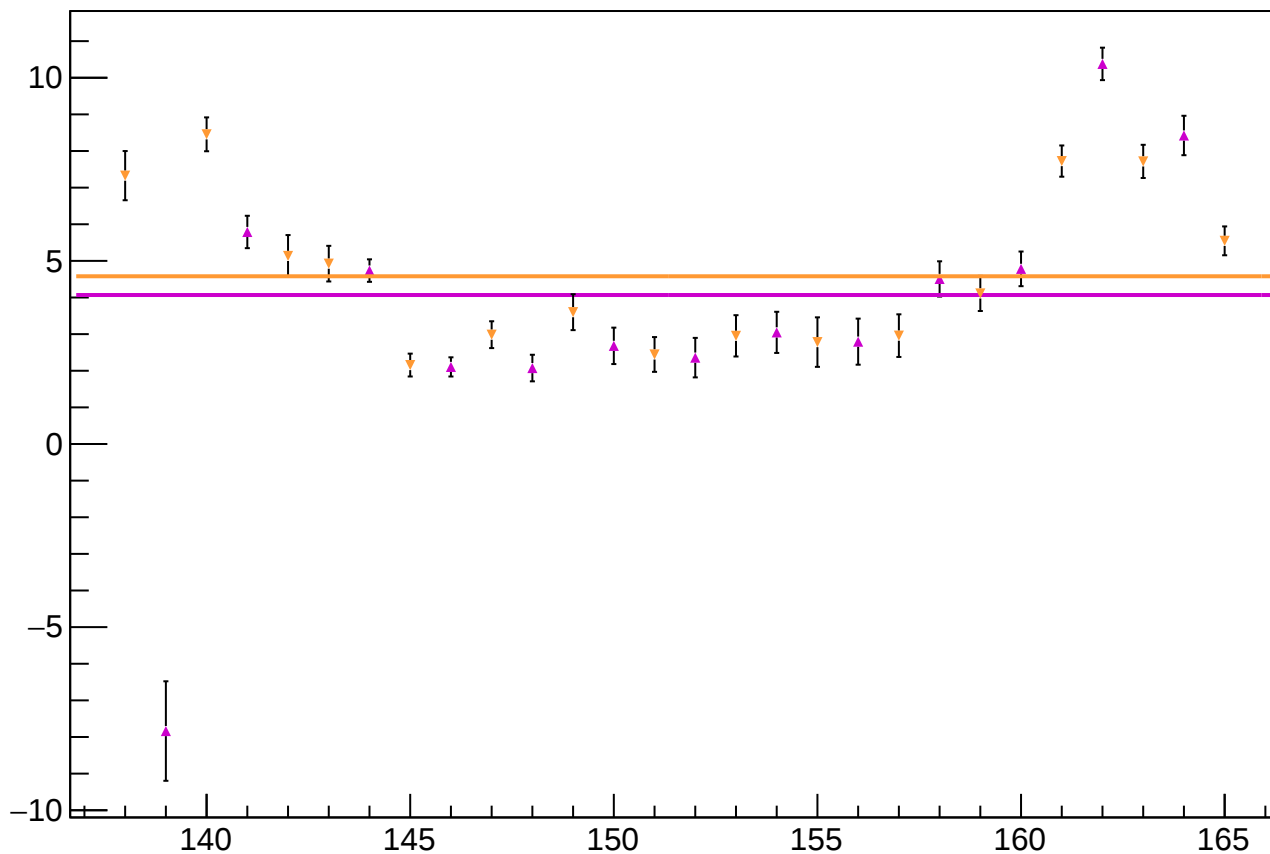
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.949 $\pm$ 0.167 χ^2/NDF :1198.1/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.344 $\pm$ 0.174 χ^2/NDF :1162.5/12

Left: -9.179 $\pm$ 0.121 χ^2/NDF : 2404.9/27
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.344 $\pm$ 0.174 χ^2/NDF :1162.5/12
 Out: -9.949 $\pm$ 0.167 χ^2/NDF :1198.1/14
 All: -9.179 $\pm$ 0.121 χ^2/NDF : 2404.9/27

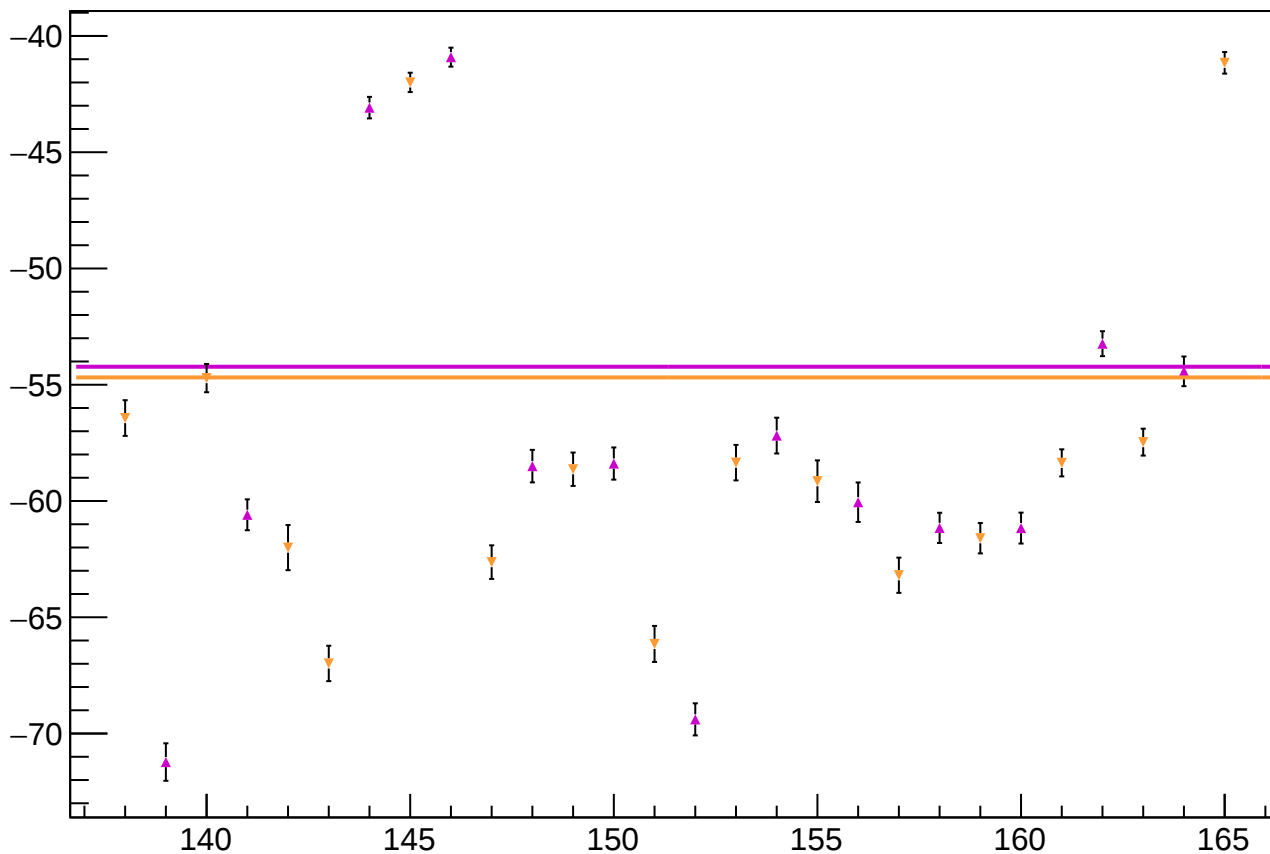
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.580+/-0.120 χ^2/NDF : 324.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.068+/-0.120 χ^2/NDF : 479.7/12

Left: 4.326+/-0.085 χ^2/NDF : 813.2/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.068+/-0.120 χ^2/NDF : 479.7/12
 Out: 4.580+/-0.120 χ^2/NDF : 324.4/14
 All: 4.326+/-0.085 χ^2/NDF : 813.2/27

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: -54.685+/-0.166 χ^2/NDF :2823.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.226+/-0.171 χ^2/NDF :3028.6/12

Left: -54.461+/-0.119 χ^2/NDF : 5855.4/27

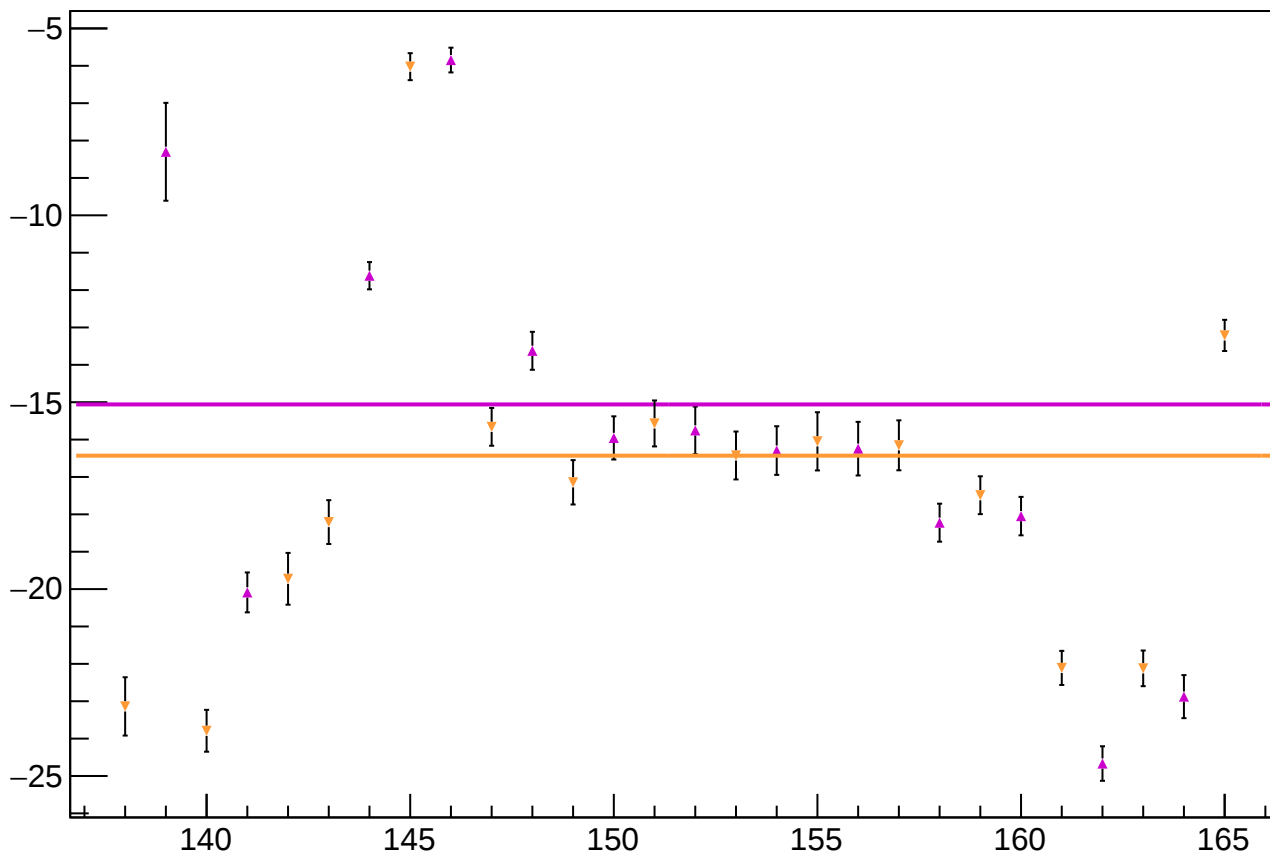
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.226+/-0.171 χ^2/NDF :3028.6/12

Out: -54.685+/-0.166 χ^2/NDF :2823.1/14

All: -54.461+/-0.119 χ^2/NDF : 5855.4/27

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



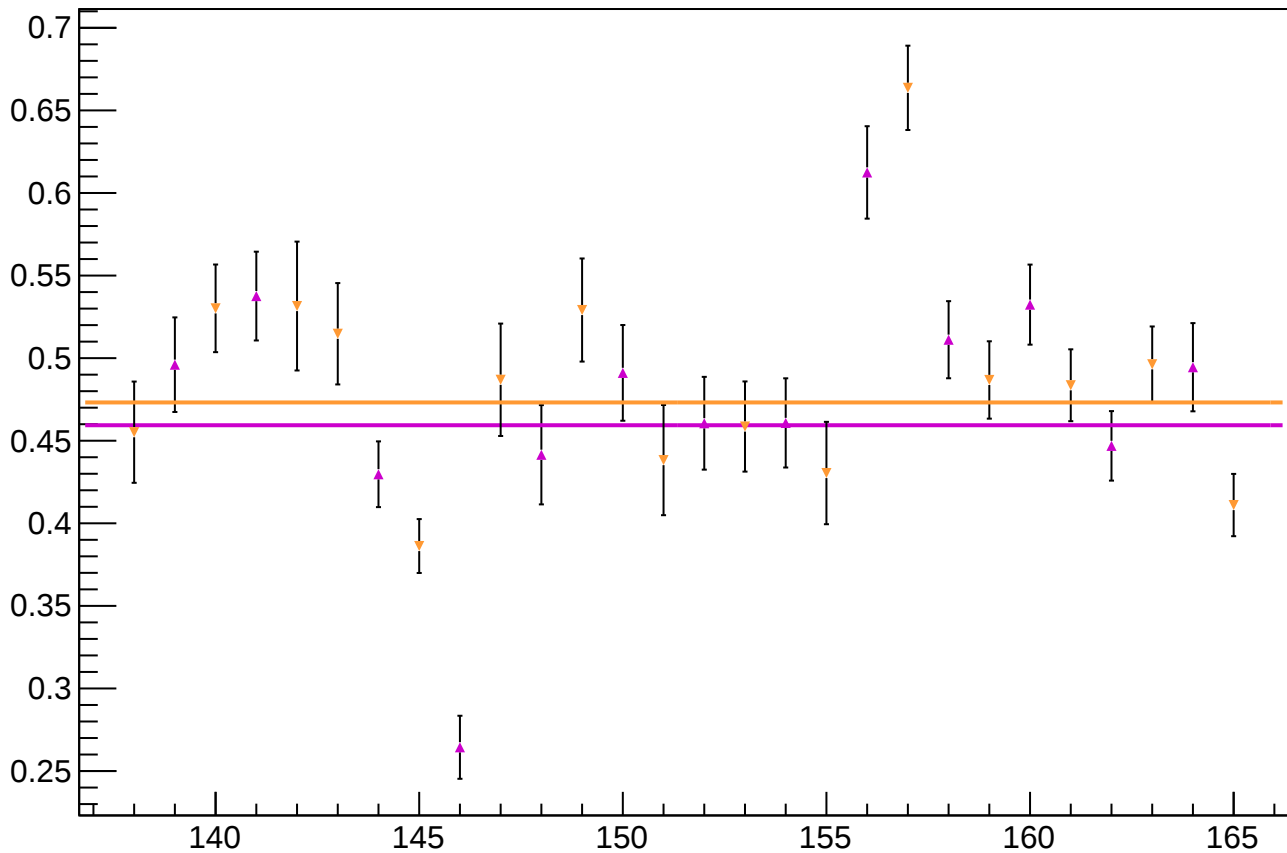
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.430+/-0.139 χ^2/NDF :1477.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.059+/-0.142 χ^2/NDF :1686.2/12

Left: -15.761+/-0.099 χ^2/NDF : 3211.7/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.059+/-0.142 χ^2/NDF :1686.2/12
 Out: -16.430+/-0.139 χ^2/NDF :1477.7/14

All: -15.761+/-0.099 χ^2/NDF : 3211.7/27

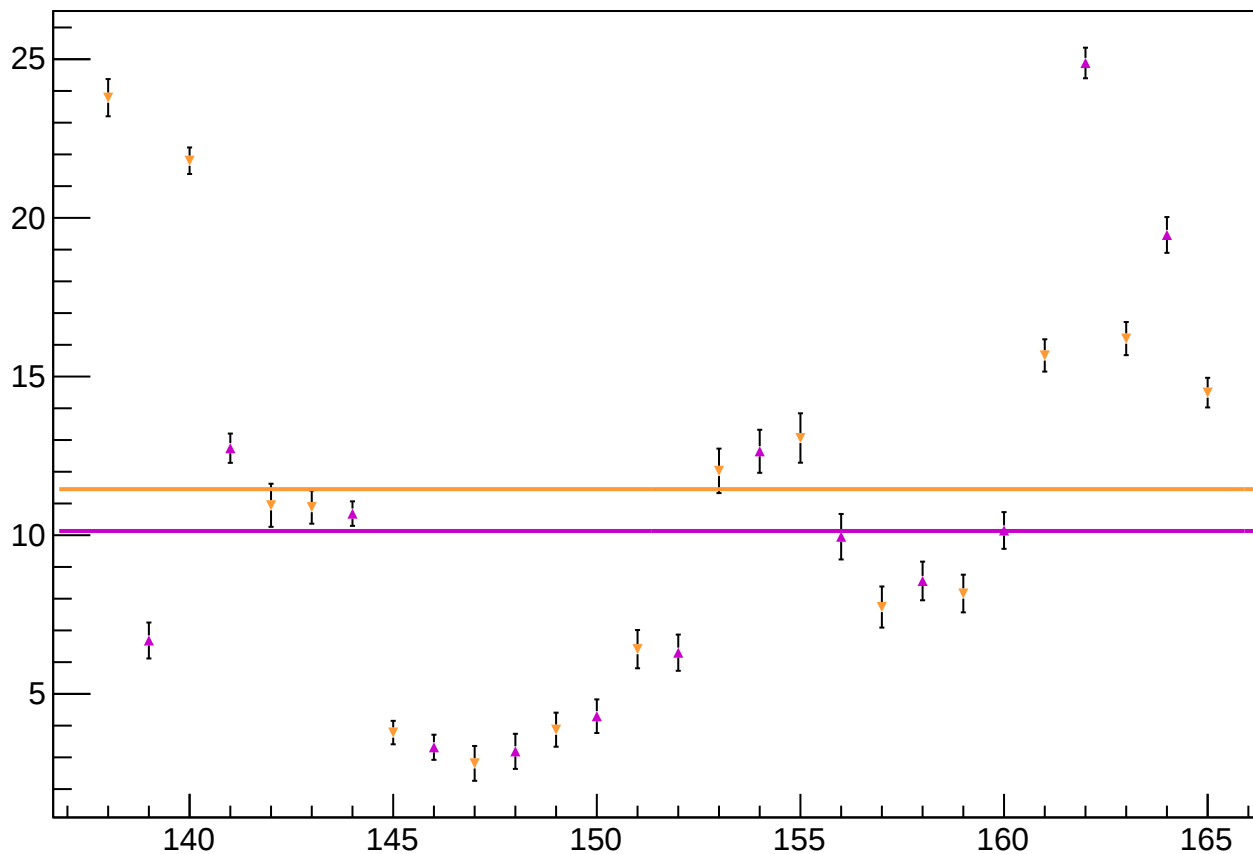
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.473 $\pm$ 0.007 χ^2 /NDF:112.2/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.459 $\pm$ 0.007 χ^2 /NDF:164.3/12

Left: 0.467 $\pm$ 0.005 χ^2 /NDF: 278.6/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.459 $\pm$ 0.007 χ^2 /NDF:164.3/12
 Out: 0.473 $\pm$ 0.007 χ^2 /NDF:112.2/14
 All: 0.467 $\pm$ 0.005 χ^2 /NDF: 278.6/27

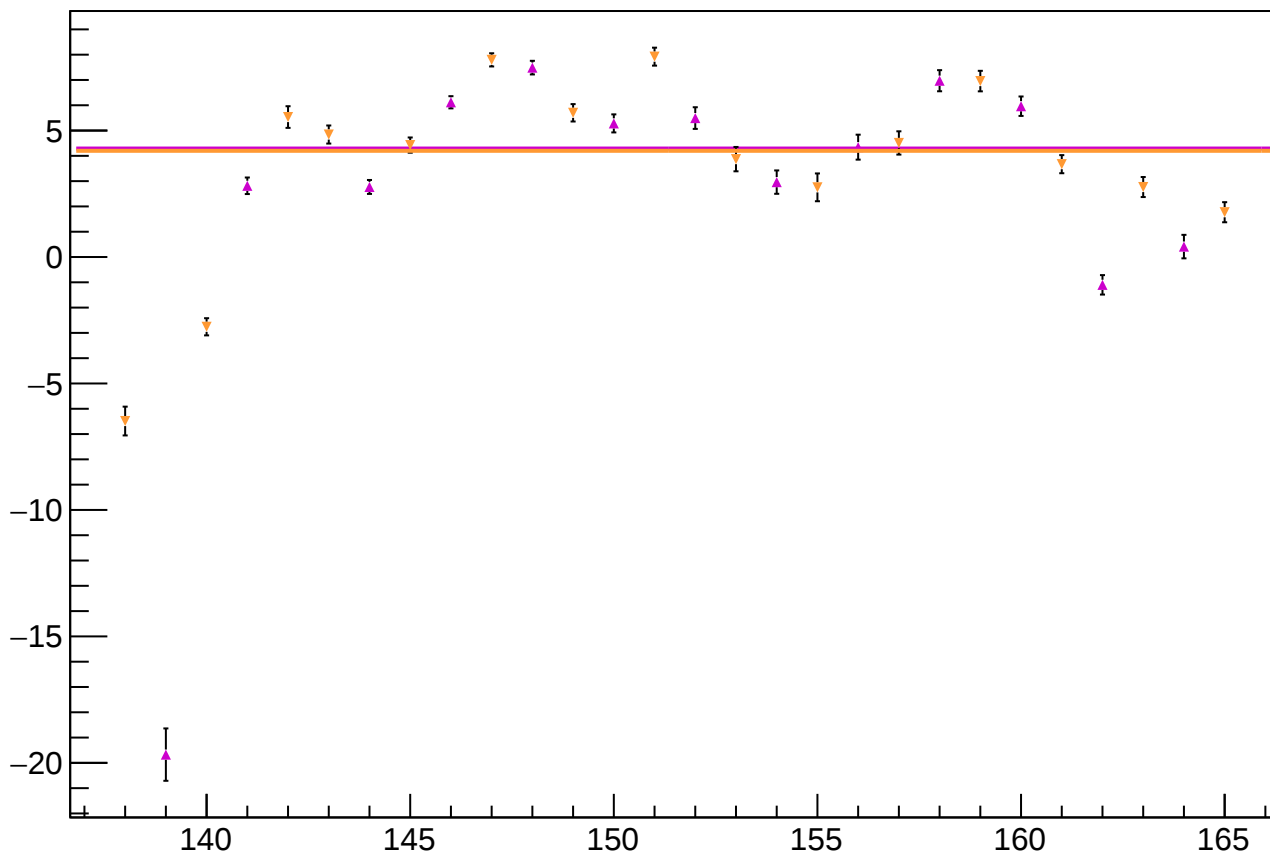
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 11.452 $\pm$ 0.138 χ^2/NDF :2266.0/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 10.134 $\pm$ 0.144 χ^2/NDF :1921.8/12

Left: 10.821 $\pm$ 0.100 χ^2/NDF : 4231.4/27
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 10.134 $\pm$ 0.144 χ^2/NDF :1921.8/12
 Out: 11.452 $\pm$ 0.138 χ^2/NDF :2266.0/14
 All: 10.821 $\pm$ 0.100 χ^2/NDF : 4231.4/27

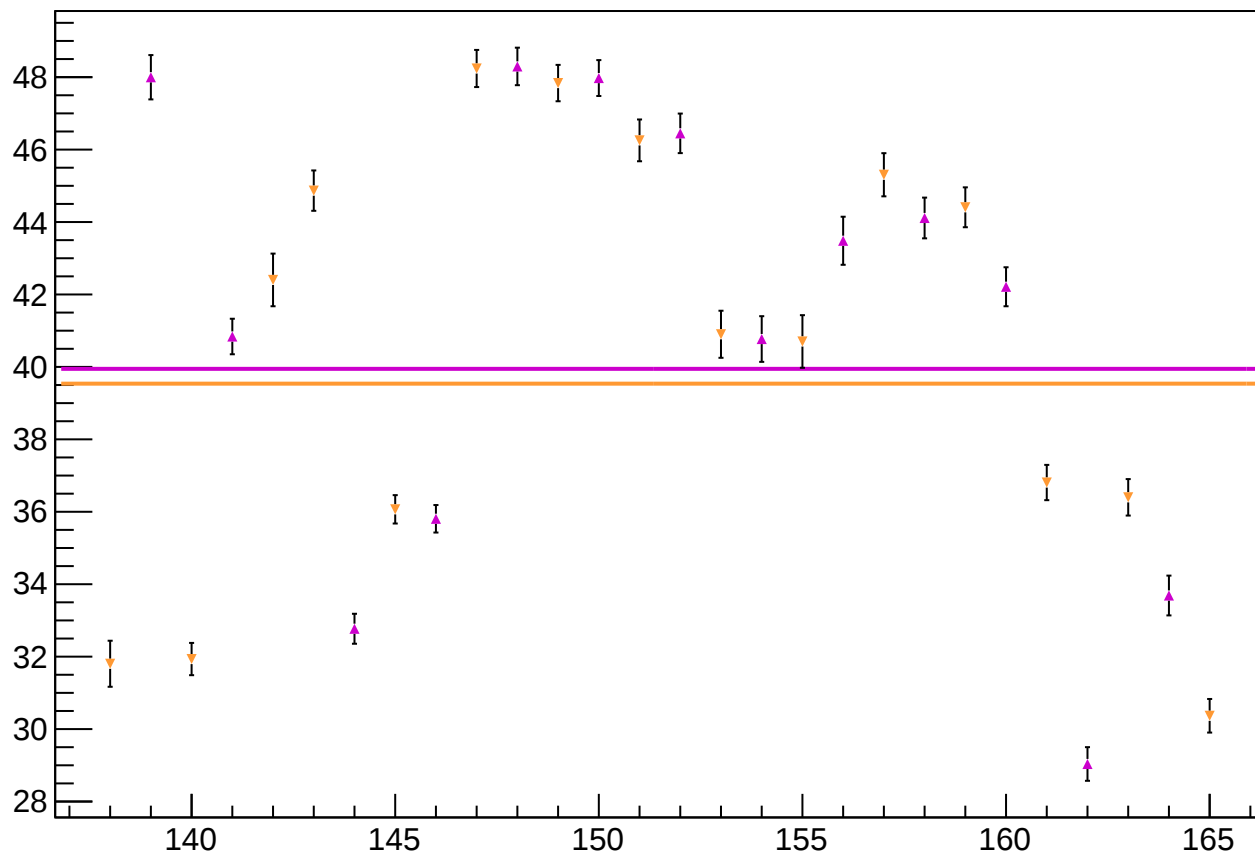
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.199+/-0.097 χ^2/NDF :1211.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.289+/-0.100 χ^2/NDF :1135.0/12

Left: 4.243+/-0.070 χ^2/NDF : 2347.2/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.289+/-0.100 χ^2/NDF :1135.0/12
 Out: 4.199+/-0.097 χ^2/NDF :1211.8/14
 All: 4.243+/-0.070 χ^2/NDF : 2347.2/27

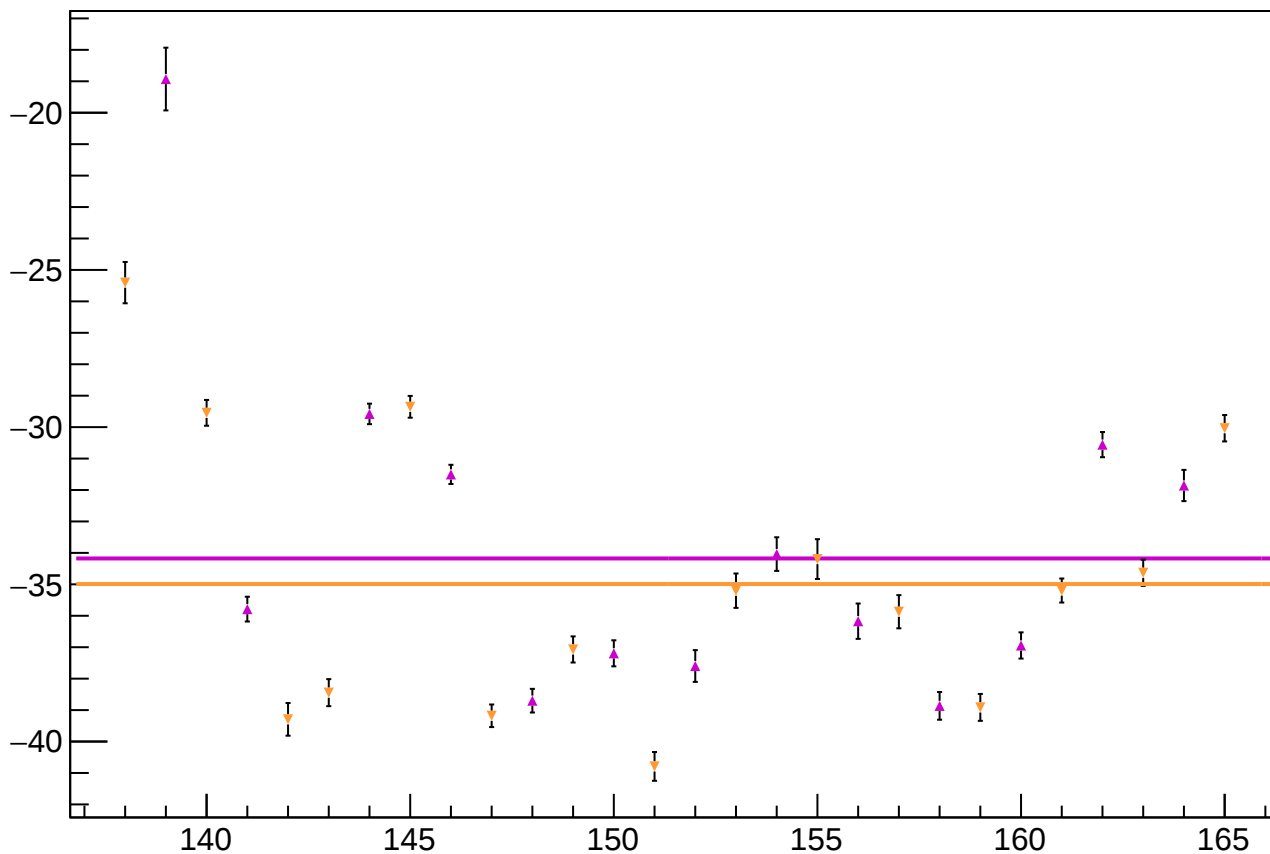
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 39.538+/-0.137 χ^2/NDF :1961.6/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.946+/-0.141 χ^2/NDF :2044.7/12

Left: 39.736+/-0.098 χ^2/NDF : 4010.6/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.946+/-0.141 χ^2/NDF :2044.7/12
 Out: 39.538+/-0.137 χ^2/NDF :1961.6/14
 All: 39.736+/-0.098 χ^2/NDF : 4010.6/27

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: -34.991+/-0.114 χ^2/NDF :1337.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.177+/-0.118 χ^2/NDF :1042.2/12

Left: -34.598+/-0.082 χ^2/NDF : 2404.6/27

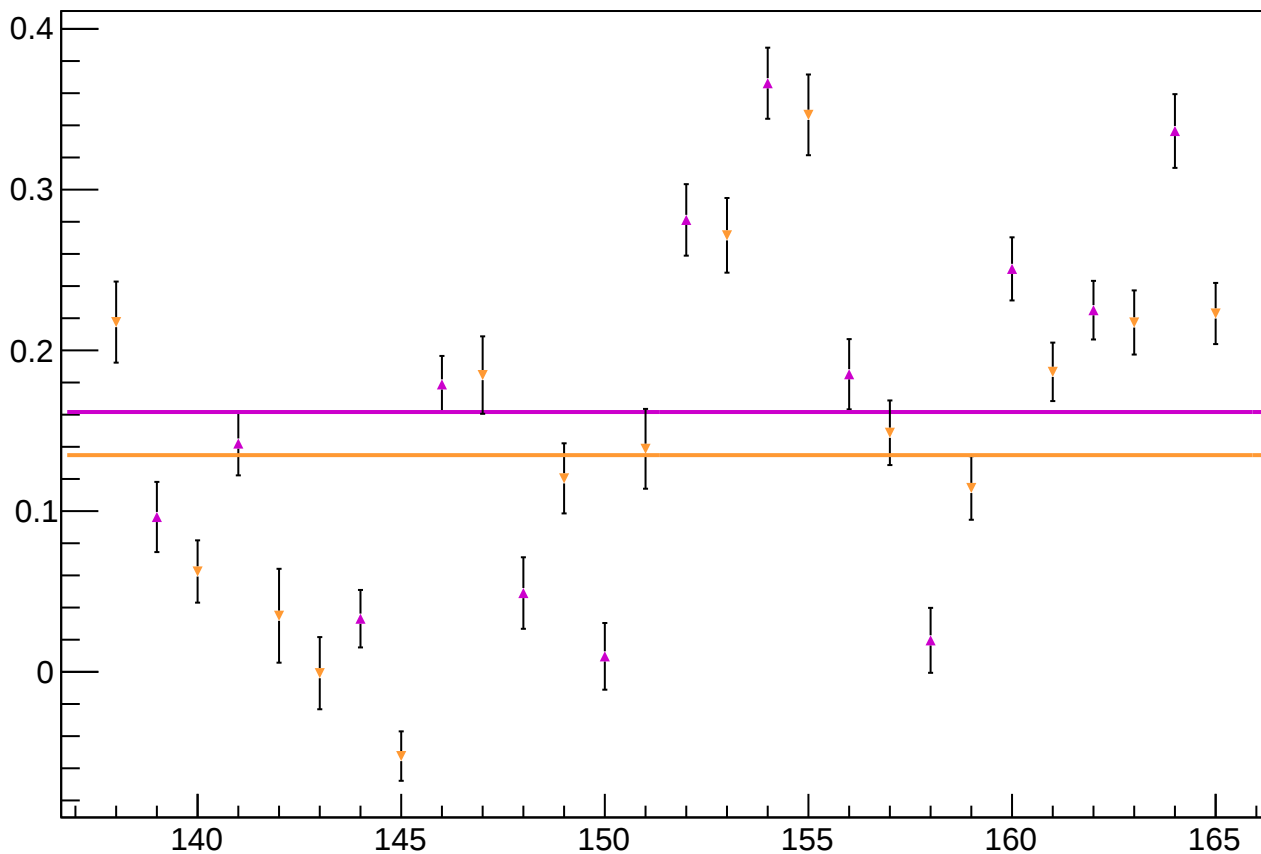
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.177+/-0.118 χ^2/NDF :1042.2/12

Out: -34.991+/-0.114 χ^2/NDF :1337.7/14

All: -34.598+/-0.082 χ^2/NDF : 2404.6/27

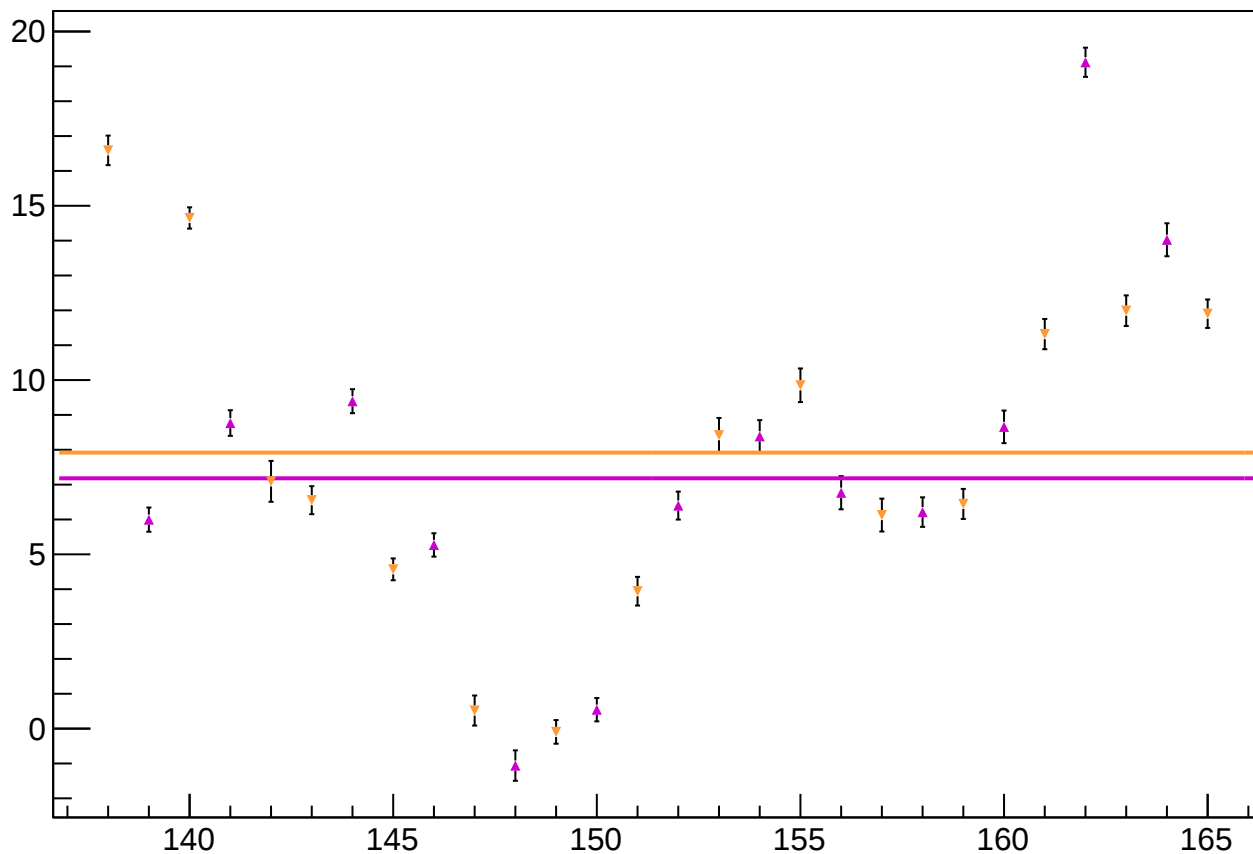
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.135+/-0.005 χ^2/NDF :379.8/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.162+/-0.006 χ^2/NDF :397.6/12

Left: 0.148+/-0.004 χ^2/NDF : 789.1/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.162+/-0.006 χ^2/NDF :397.6/12
 Out: 0.135+/-0.005 χ^2/NDF :379.8/14
 All: 0.148+/-0.004 χ^2/NDF : 789.1/27

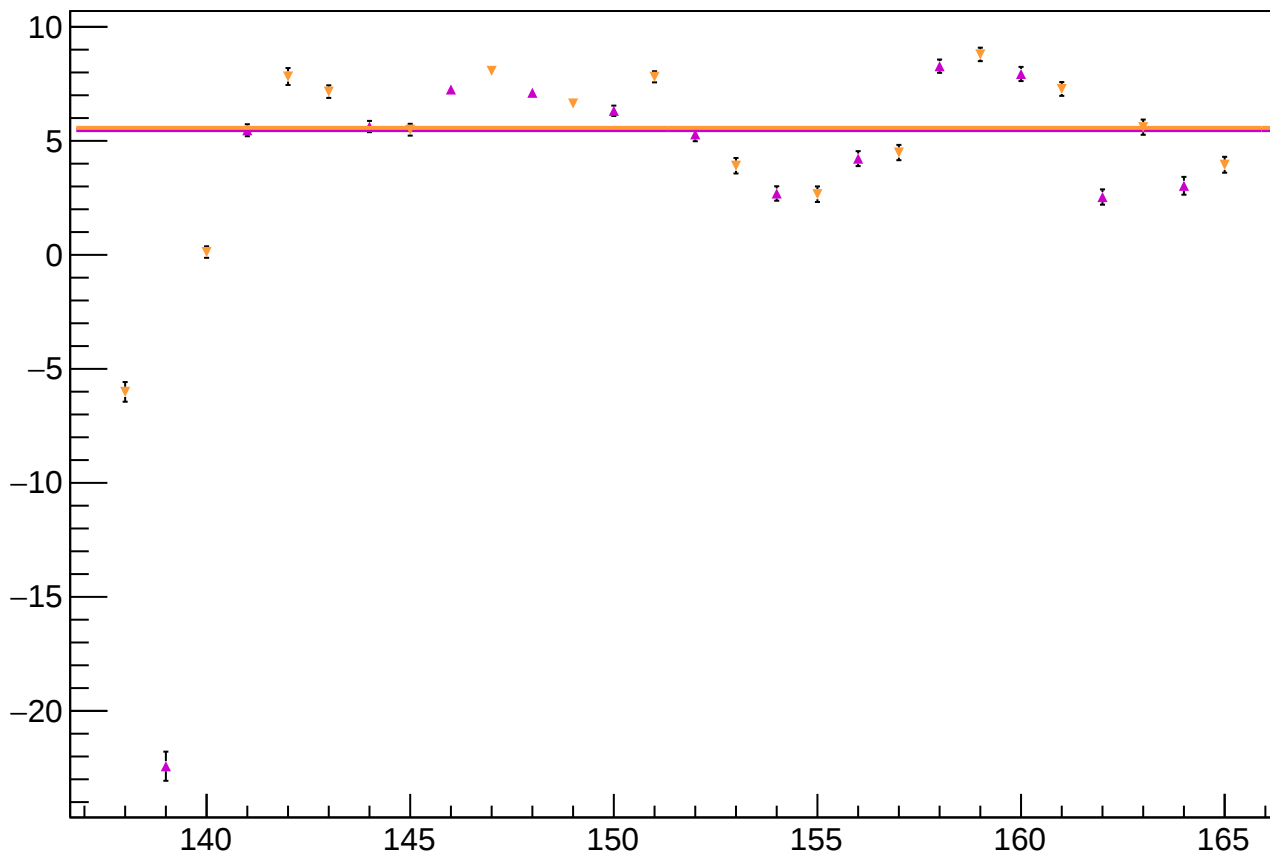
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.919+/-0.105 χ^2/NDF :2264.5/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.181+/-0.110 χ^2/NDF :1898.8/12

Left: 7.566+/-0.076 χ^2/NDF : 4186.8/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.181+/-0.110 χ^2/NDF :1898.8/12
 Out: 7.919+/-0.105 χ^2/NDF :2264.5/14
 All: 7.566+/-0.076 χ^2/NDF : 4186.8/27

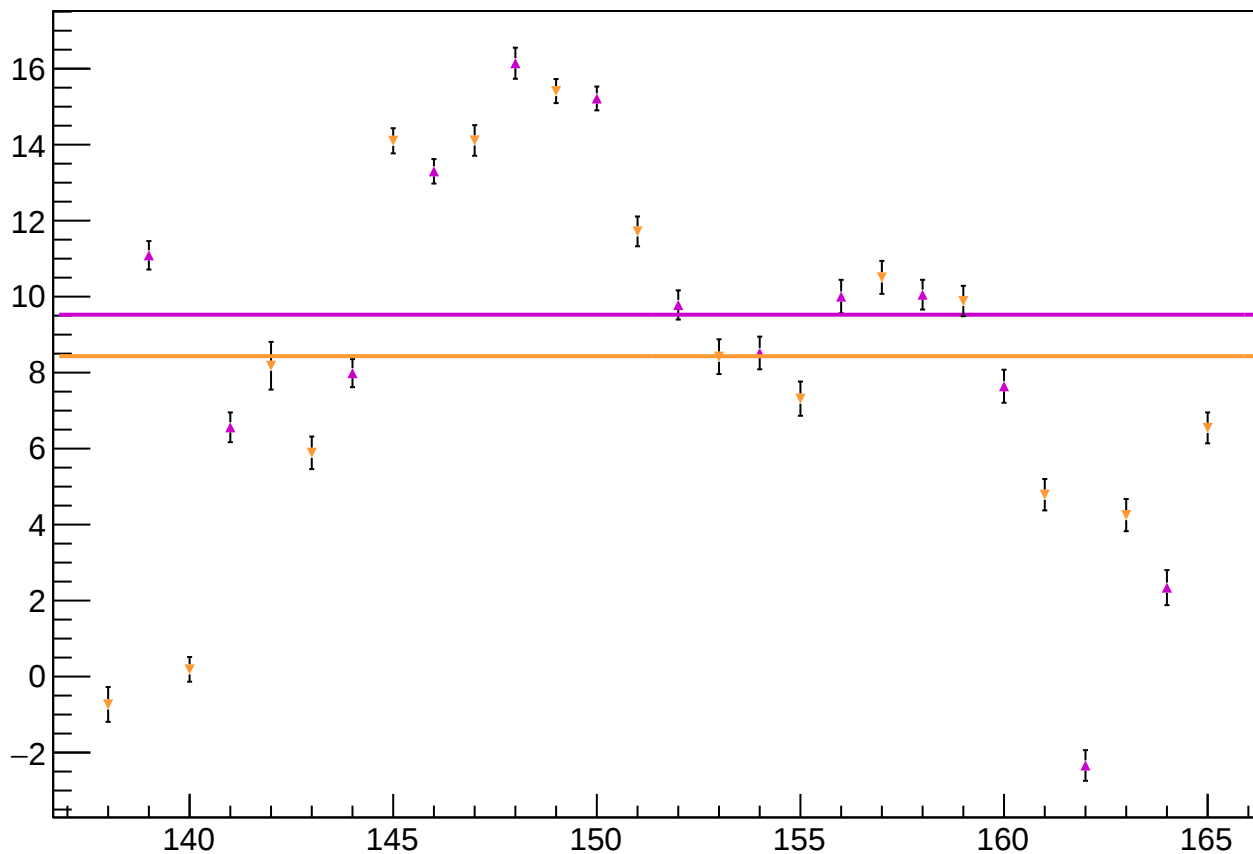
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 5.570 ± 0.074 $\chi^2/\text{NDF}: 1786.7/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 5.471 ± 0.078 $\chi^2/\text{NDF}: 2410.7/12$

Left: 5.523 ± 0.054 $\chi^2/\text{NDF}: 4198.3/27$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 5.471 ± 0.078 $\chi^2/\text{NDF}: 2410.7/12$
 Out: 5.570 ± 0.074 $\chi^2/\text{NDF}: 1786.7/14$
 All: 5.523 ± 0.054 $\chi^2/\text{NDF}: 4198.3/27$

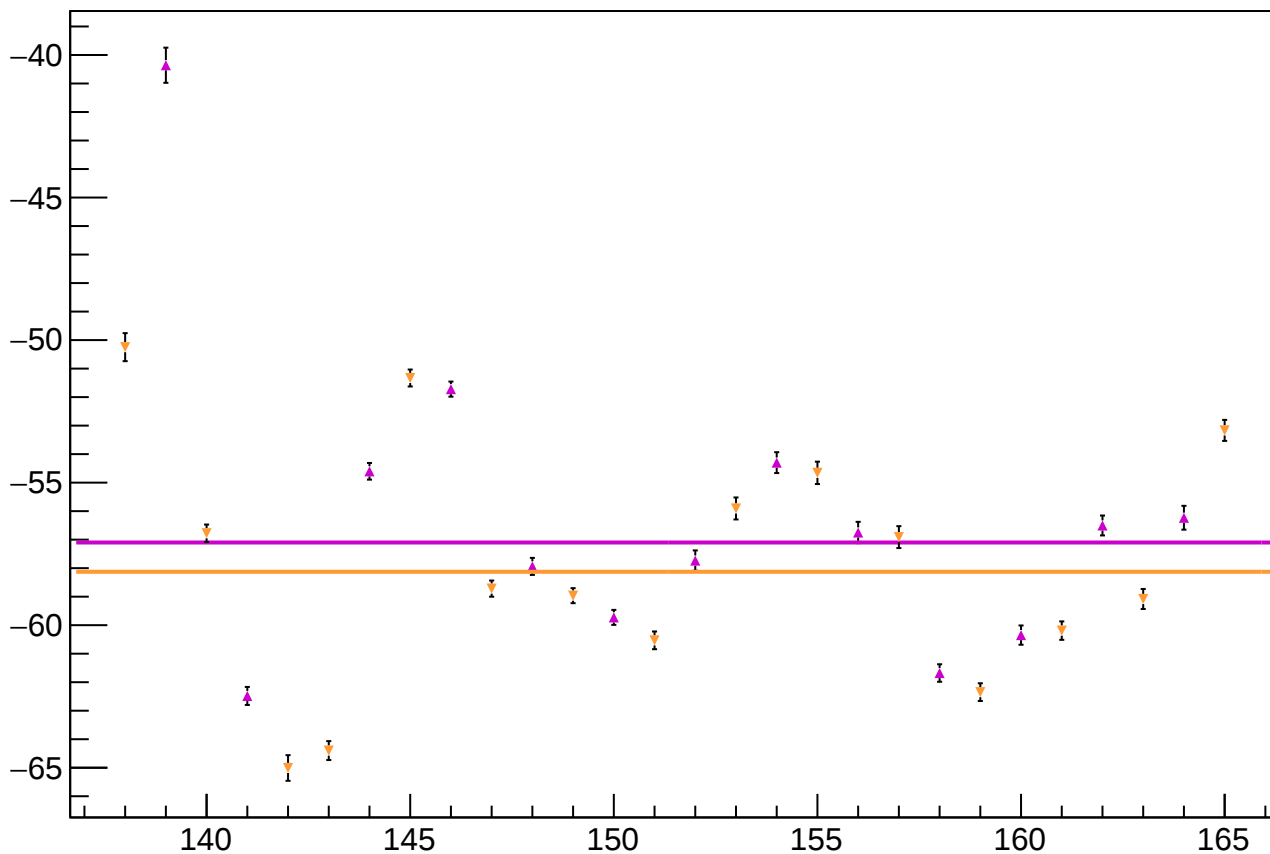
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.433+/-0.104 χ^2/NDF :2359.9/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.524+/-0.107 χ^2/NDF :1954.6/12

Left: 8.961+/-0.075 χ^2/NDF : 4368.0/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.524+/-0.107 χ^2/NDF :1954.6/12
 Out: 8.433+/-0.104 χ^2/NDF :2359.9/14
 All: 8.961+/-0.075 χ^2/NDF : 4368.0/27

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: -58.127+/-0.087 χ^2 /NDF:1999.7/14
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -57.100+/-0.091 χ^2 /NDF:2005.5/12

Left: -57.639+/-0.063 χ^2 /NDF: 4071.7/27

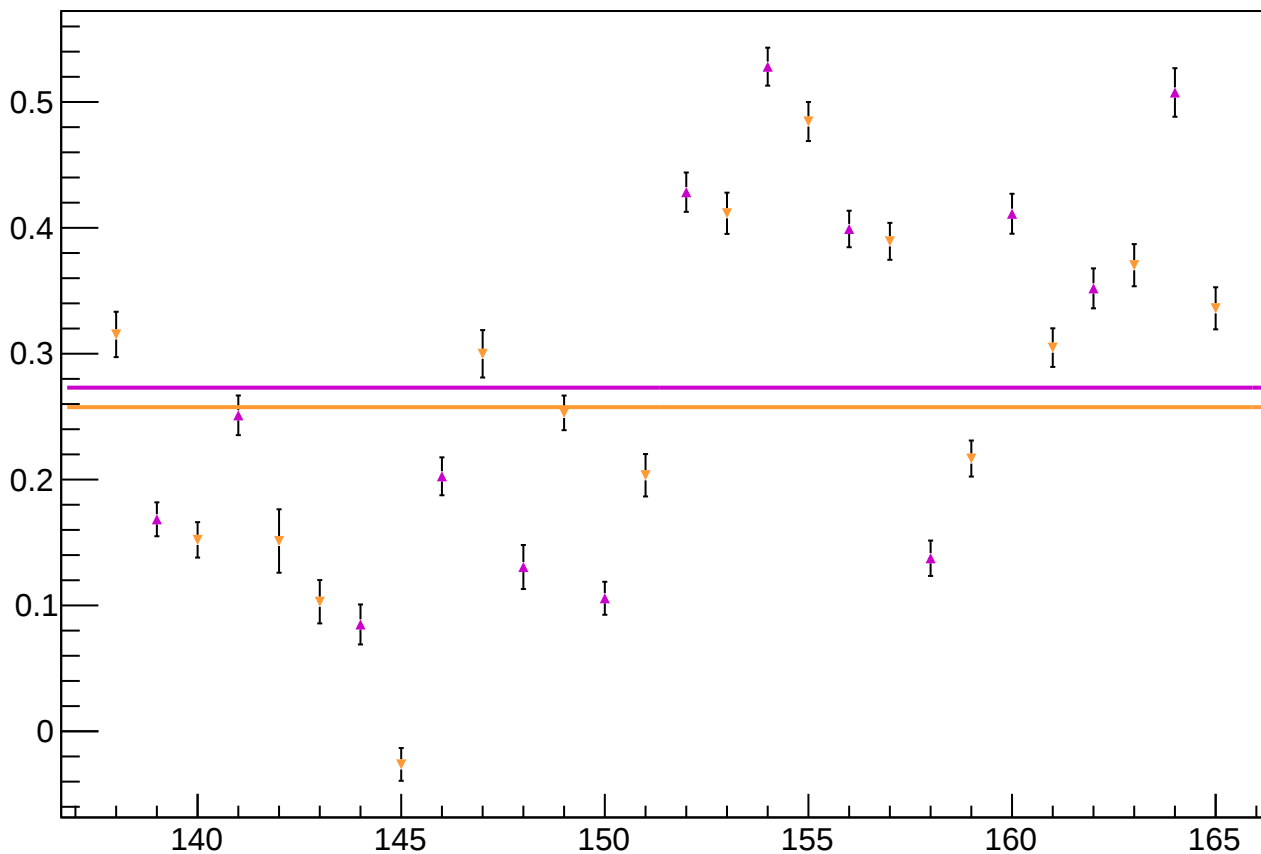
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -57.100+/-0.091 χ^2 /NDF:2005.5/12

Out: -58.127+/-0.087 χ^2 /NDF:1999.7/14

All: -57.639+/-0.063 χ^2 /NDF: 4071.7/27

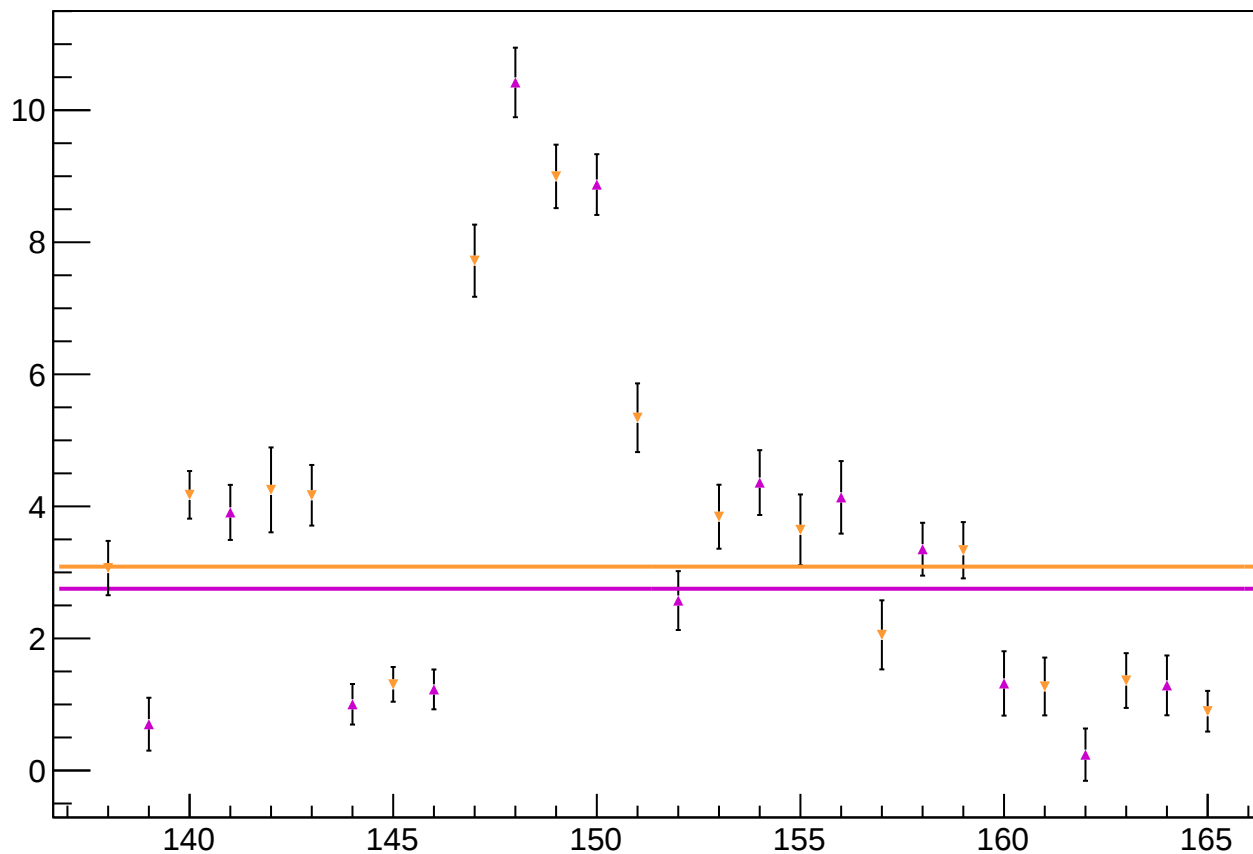
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.258 $\pm$ 0.004 χ^2 /NDF:1124.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.273 $\pm$ 0.004 χ^2 /NDF:1255.1/12

Left: 0.265 $\pm$ 0.003 χ^2 /NDF: 2386.3/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.273 $\pm$ 0.004 χ^2 /NDF:1255.1/12
 Out: 0.258 $\pm$ 0.004 χ^2 /NDF:1124.4/14
 All: 0.265 $\pm$ 0.003 χ^2 /NDF: 2386.3/27

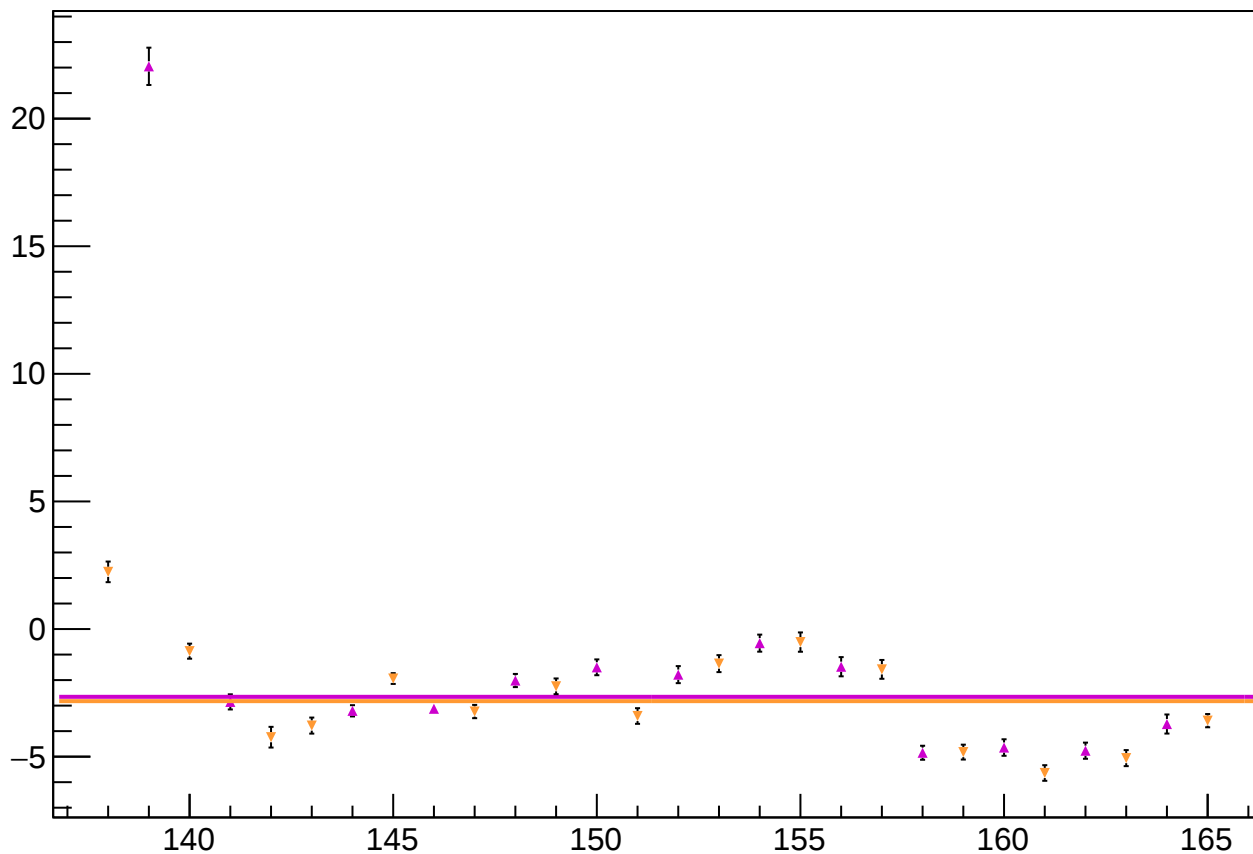
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.087 $\pm$ 0.108 χ^2 /NDF:398.5/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.753 $\pm$ 0.115 χ^2 /NDF:559.9/12

Left: 2.929 $\pm$ 0.079 χ^2 /NDF: 963.0/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.753 $\pm$ 0.115 χ^2 /NDF:559.9/12
 Out: 3.087 $\pm$ 0.108 χ^2 /NDF:398.5/14
 All: 2.929 $\pm$ 0.079 χ^2 /NDF: 963.0/27

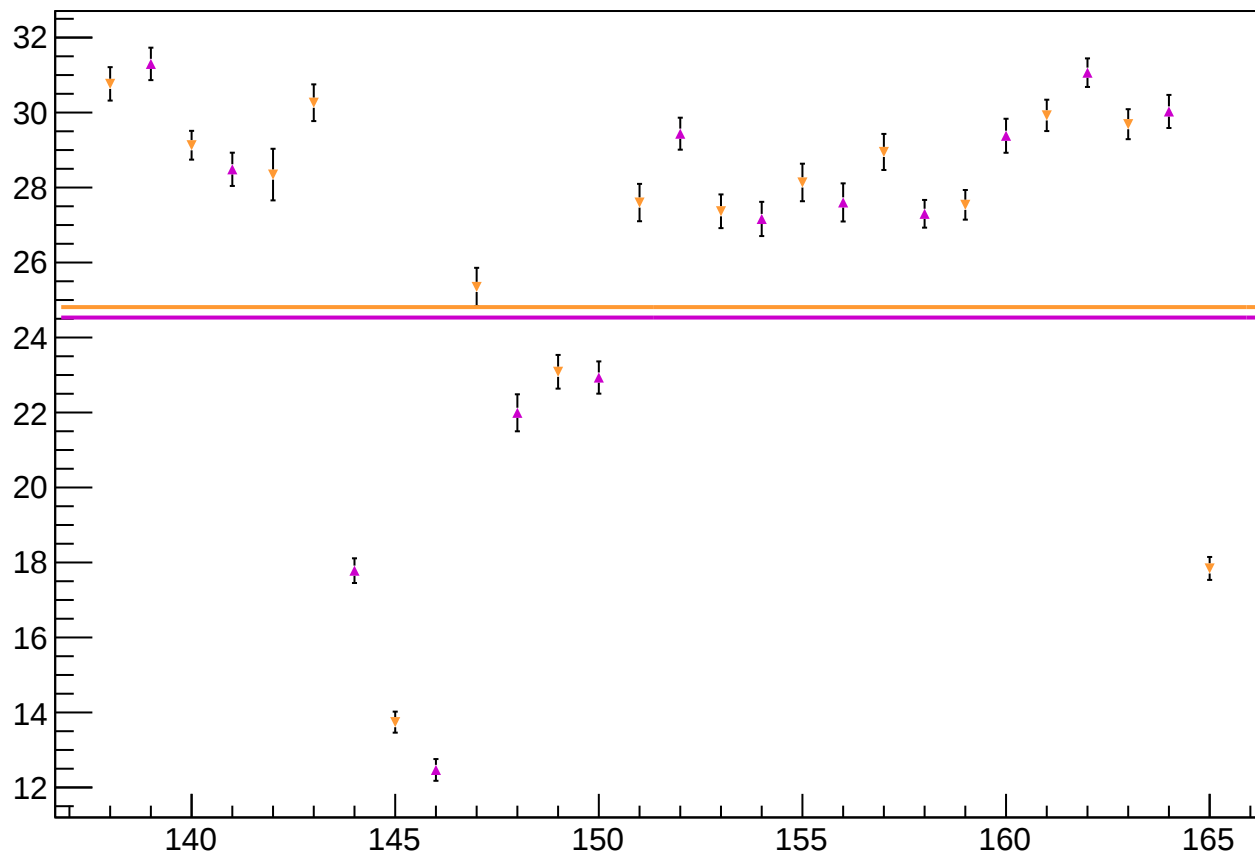
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.825+/-0.078 χ^2/NDF :508.9/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.655+/-0.081 χ^2/NDF :1385.0/12

Left: -2.743+/-0.056 χ^2/NDF : 1896.2/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.655+/-0.081 χ^2/NDF :1385.0/12
 Out: -2.825+/-0.078 χ^2/NDF :508.9/14
 All: -2.743+/-0.056 χ^2/NDF : 1896.2/27

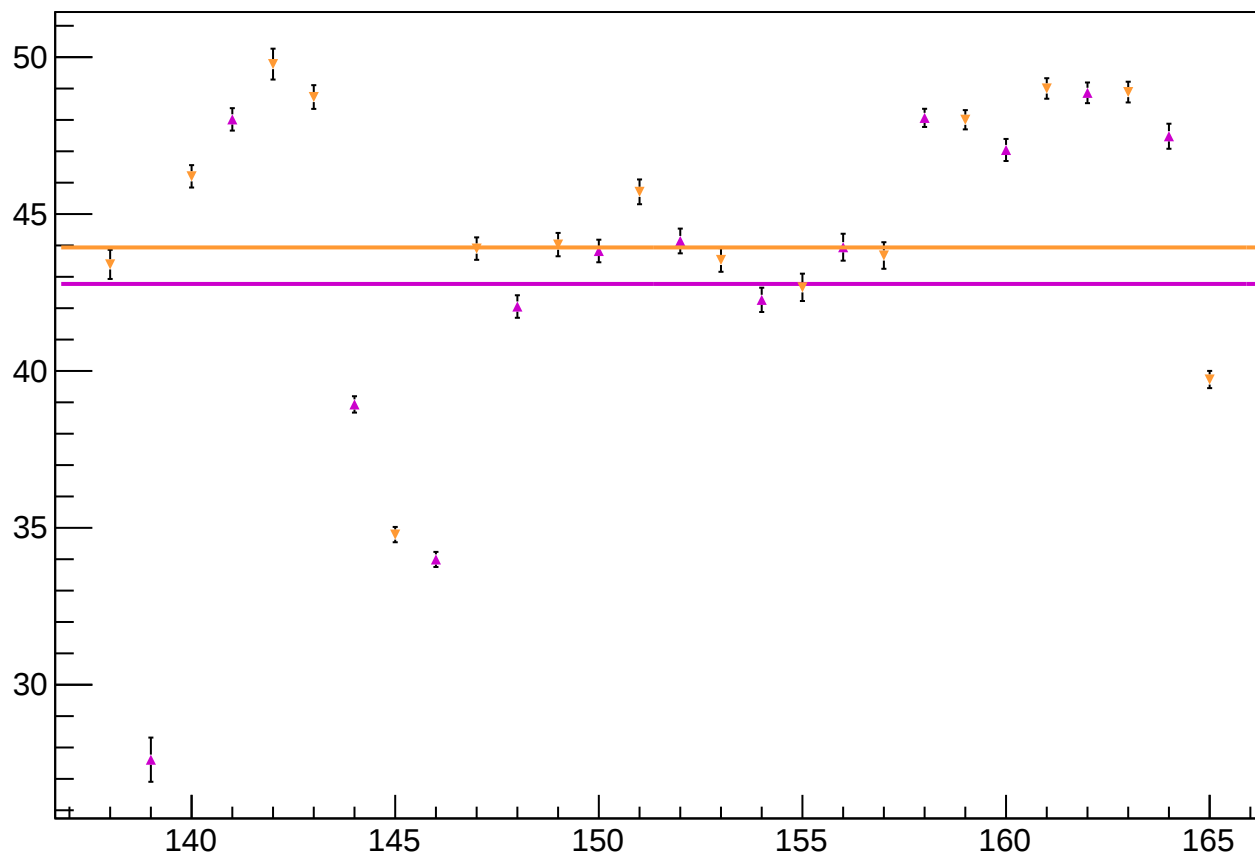
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 24.811+/-0.108 χ^2/NDF :3076.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.533+/-0.112 χ^2/NDF :3335.6/12

Left: 24.677+/-0.078 χ^2/NDF : 6415.2/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.533+/-0.112 χ^2/NDF :3335.6/12
 Out: 24.811+/-0.108 χ^2/NDF :3076.4/14
 All: 24.677+/-0.078 χ^2/NDF : 6415.2/27

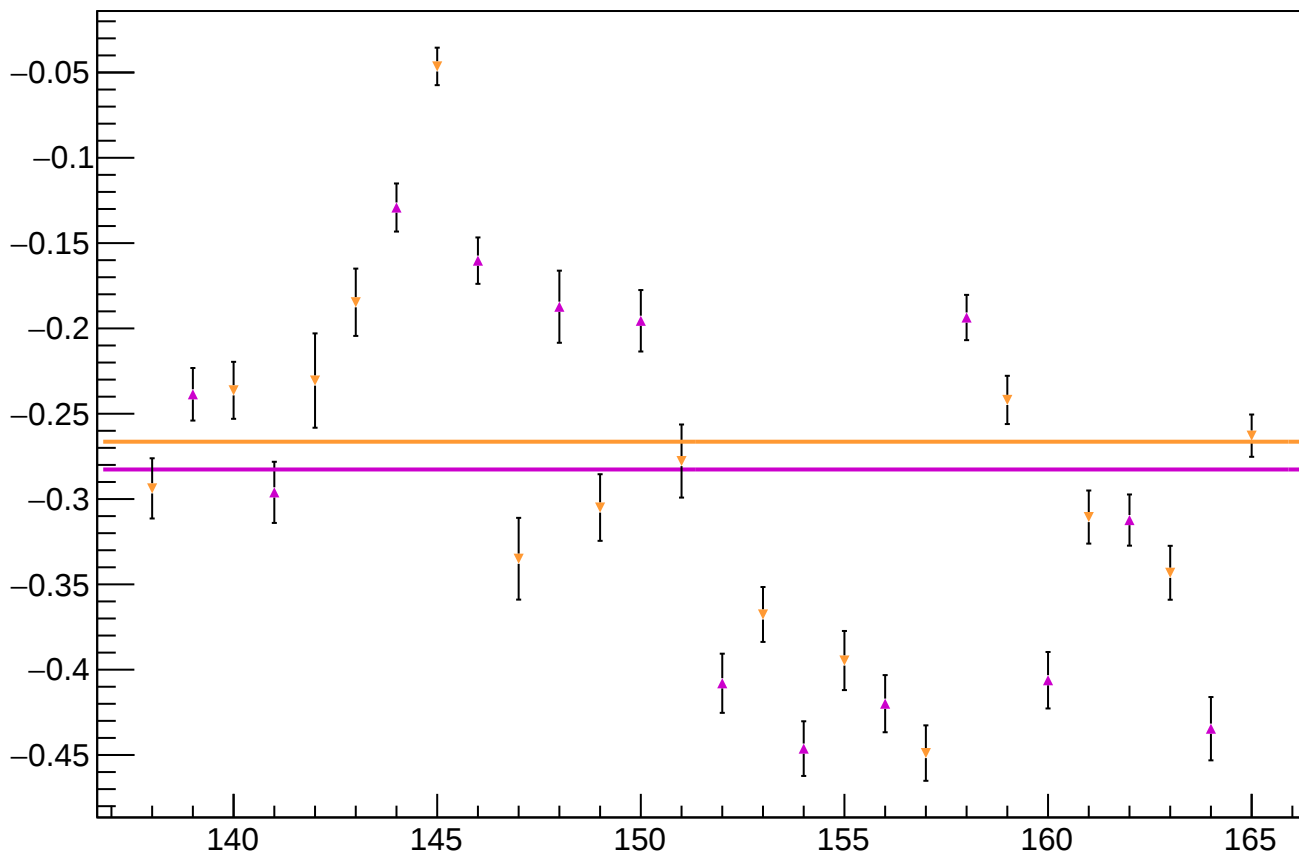
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 43.936 +/- 0.090 χ^2/NDF : 2656.8/14
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 42.773 +/- 0.095 χ^2/NDF : 3223.8/12

Left: 43.381 +/- 0.065 χ^2/NDF : 5959.4/27
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 42.773 +/- 0.095 χ^2/NDF : 3223.8/12
 Out: 43.936 +/- 0.090 χ^2/NDF : 2656.8/14
 All: 43.381 +/- 0.065 χ^2/NDF : 5959.4/27

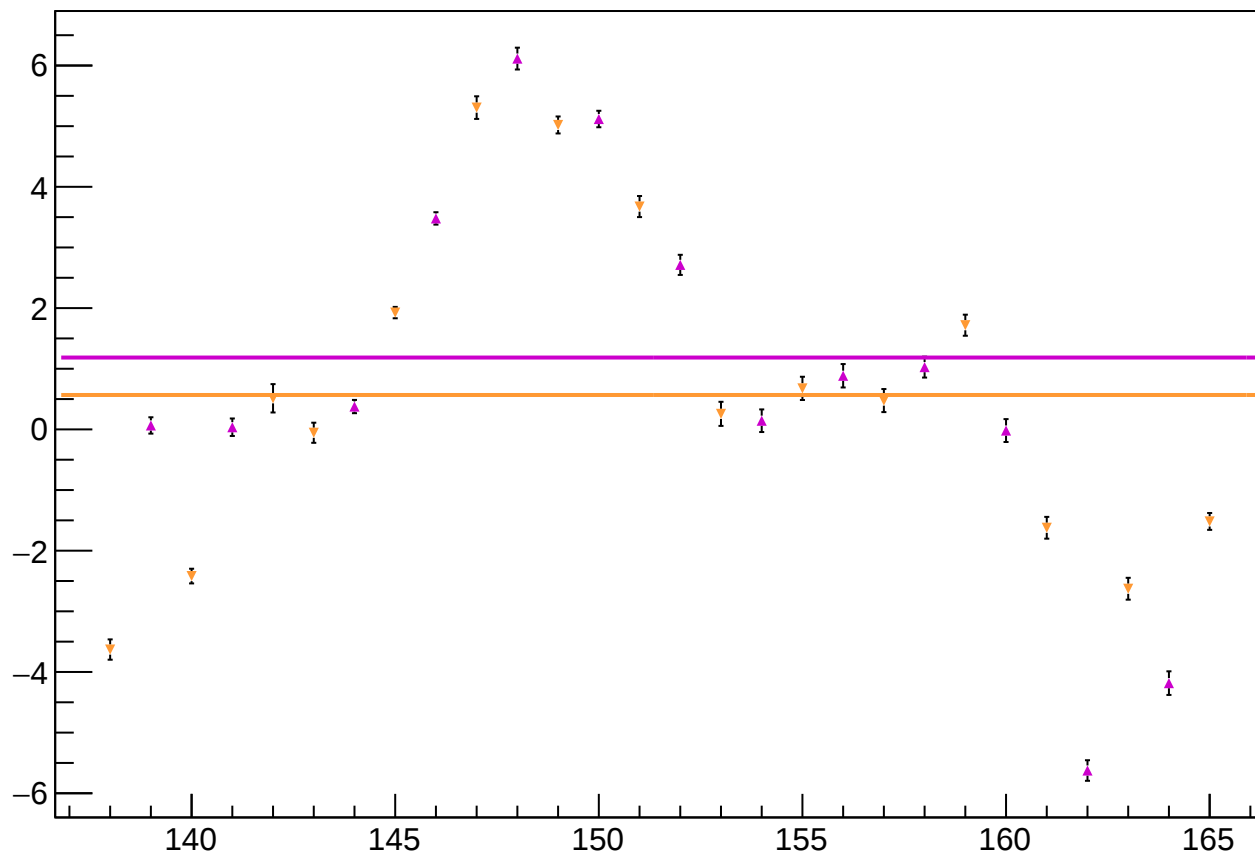
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.266 $\pm$ 0.004 χ^2 /NDF:693.2/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.283 $\pm$ 0.004 χ^2 /NDF:647.5/12

Left: -0.274 $\pm$ 0.003 χ^2 /NDF: 1347.8/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.283 $\pm$ 0.004 χ^2 /NDF:647.5/12
 Out: -0.266 $\pm$ 0.004 χ^2 /NDF:693.2/14
 All: -0.274 $\pm$ 0.003 χ^2 /NDF: 1347.8/27

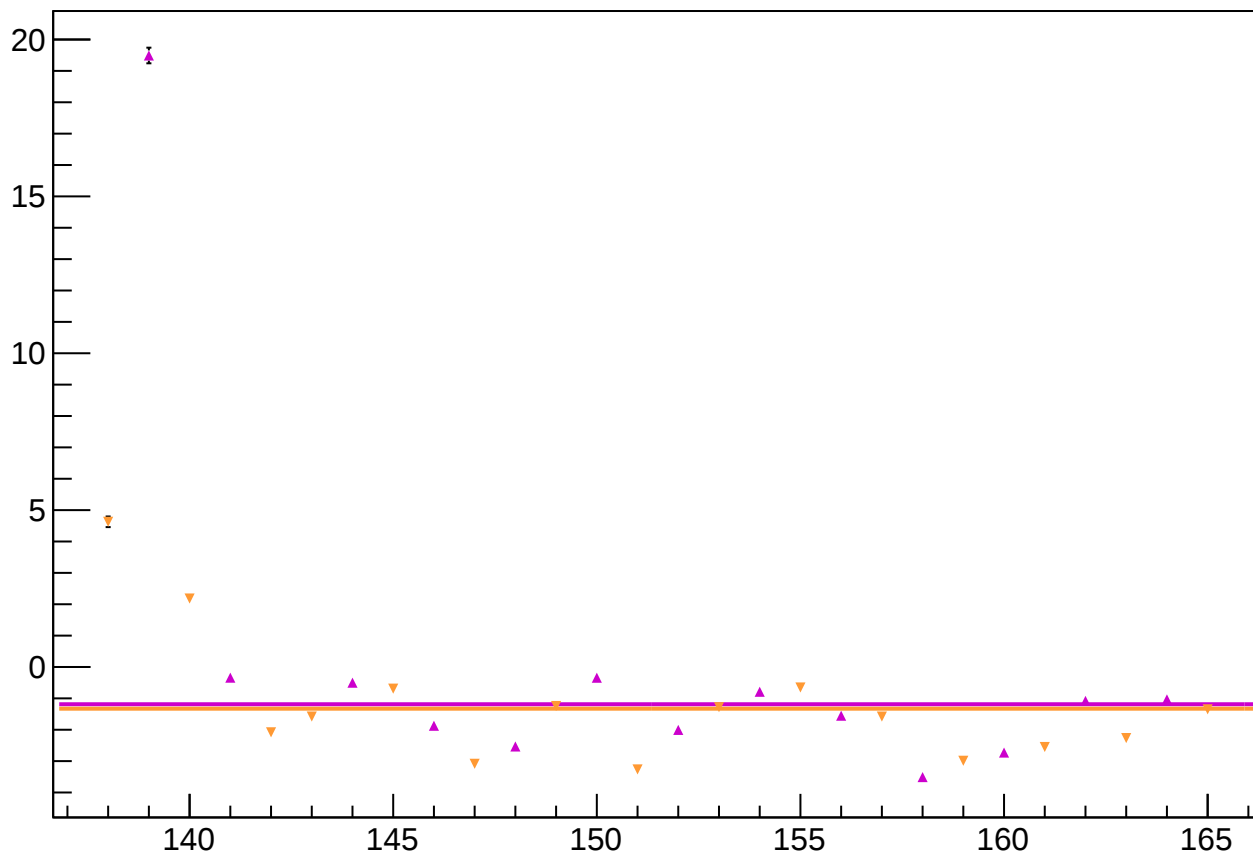
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.567 $\pm$ 0.040 χ^2 /NDF:4169.8/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.185 $\pm$ 0.041 χ^2 /NDF:4809.7/12

Left: 0.869 $\pm$ 0.029 χ^2 /NDF: 9093.2/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.185 $\pm$ 0.041 χ^2 /NDF:4809.7/12
 Out: 0.567 $\pm$ 0.040 χ^2 /NDF:4169.8/14
 All: 0.869 $\pm$ 0.029 χ^2 /NDF: 9093.2/27

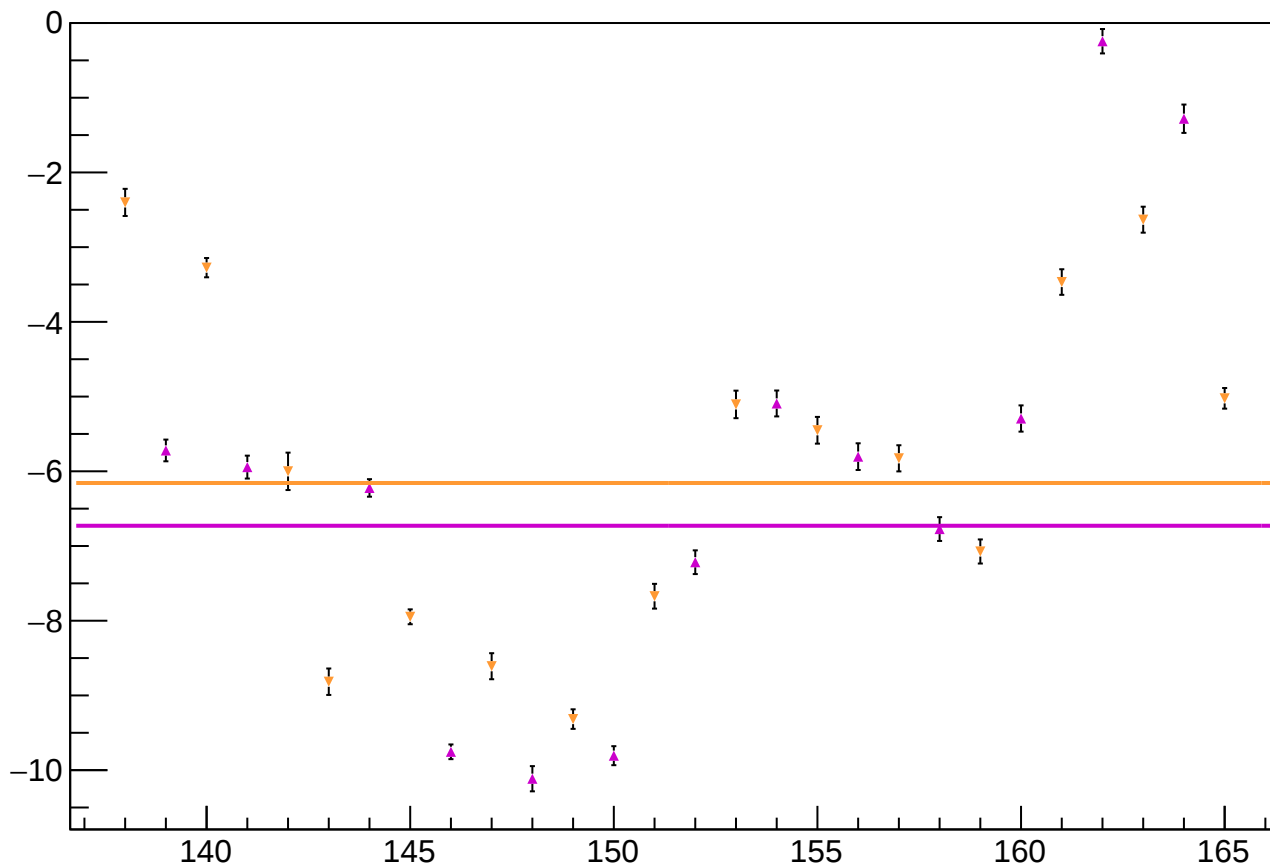
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.329+/-0.029 χ^2/NDF : 3675.1/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.187+/-0.029 χ^2/NDF : 8045.9/12

Left: -1.259+/-0.021 χ^2/NDF : 11732.7/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.187+/-0.029 χ^2/NDF : 8045.9/12
 Out: -1.329+/-0.029 χ^2/NDF : 3675.1/14
 All: -1.259+/-0.021 χ^2/NDF : 11732.7/27

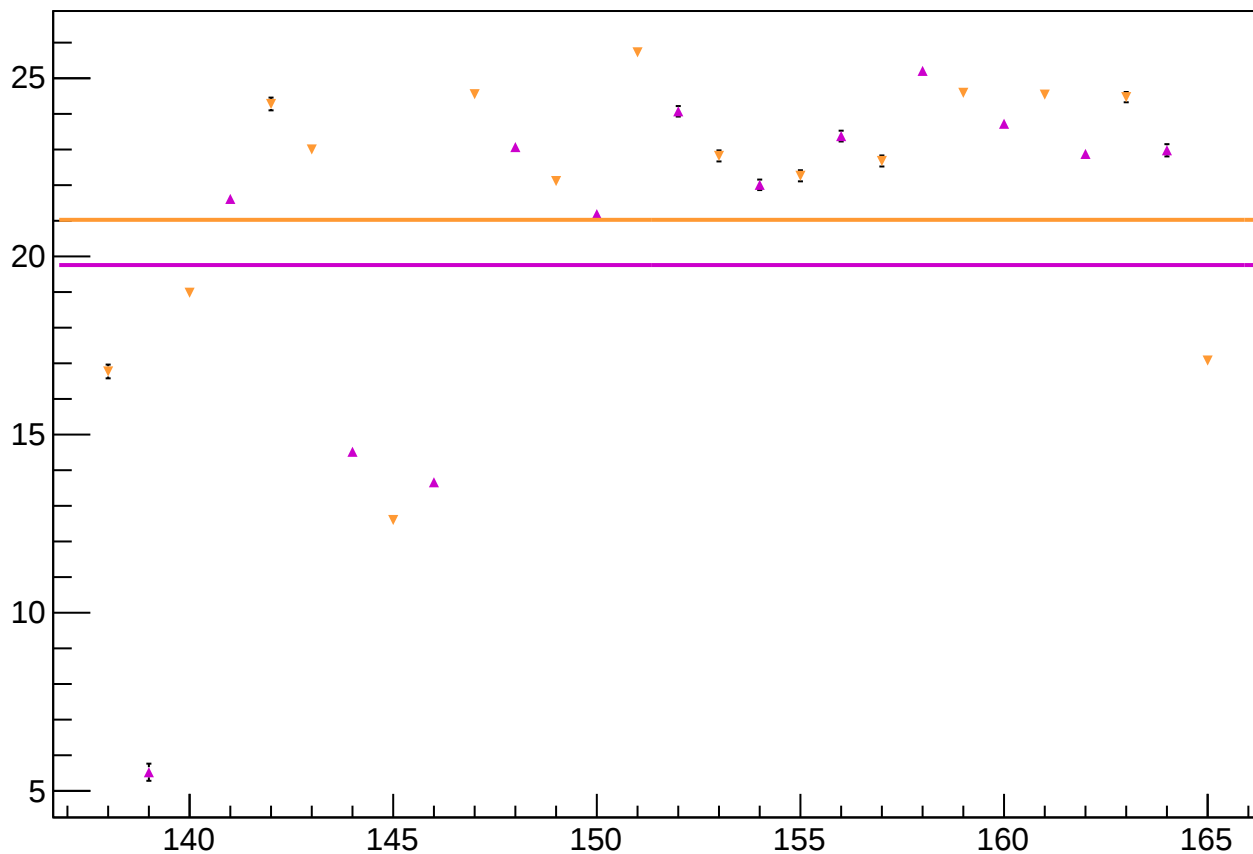
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.157+/-0.040 χ^2/NDF :3149.4/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.729+/-0.041 χ^2/NDF :4619.2/12

Left: -6.439+/-0.029 χ^2/NDF : 7868.8/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.729+/-0.041 χ^2/NDF :4619.2/12
 Out: -6.157+/-0.040 χ^2/NDF :3149.4/14
 All: -6.439+/-0.029 χ^2/NDF : 7868.8/27

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 21.027 $\pm$ 0.034 χ^2 /NDF:16009.1/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 19.757 $\pm$ 0.035 χ^2 /NDF:18547.0/12

Left: 20.406 $\pm$ 0.024 χ^2 /NDF: 35245.0/27

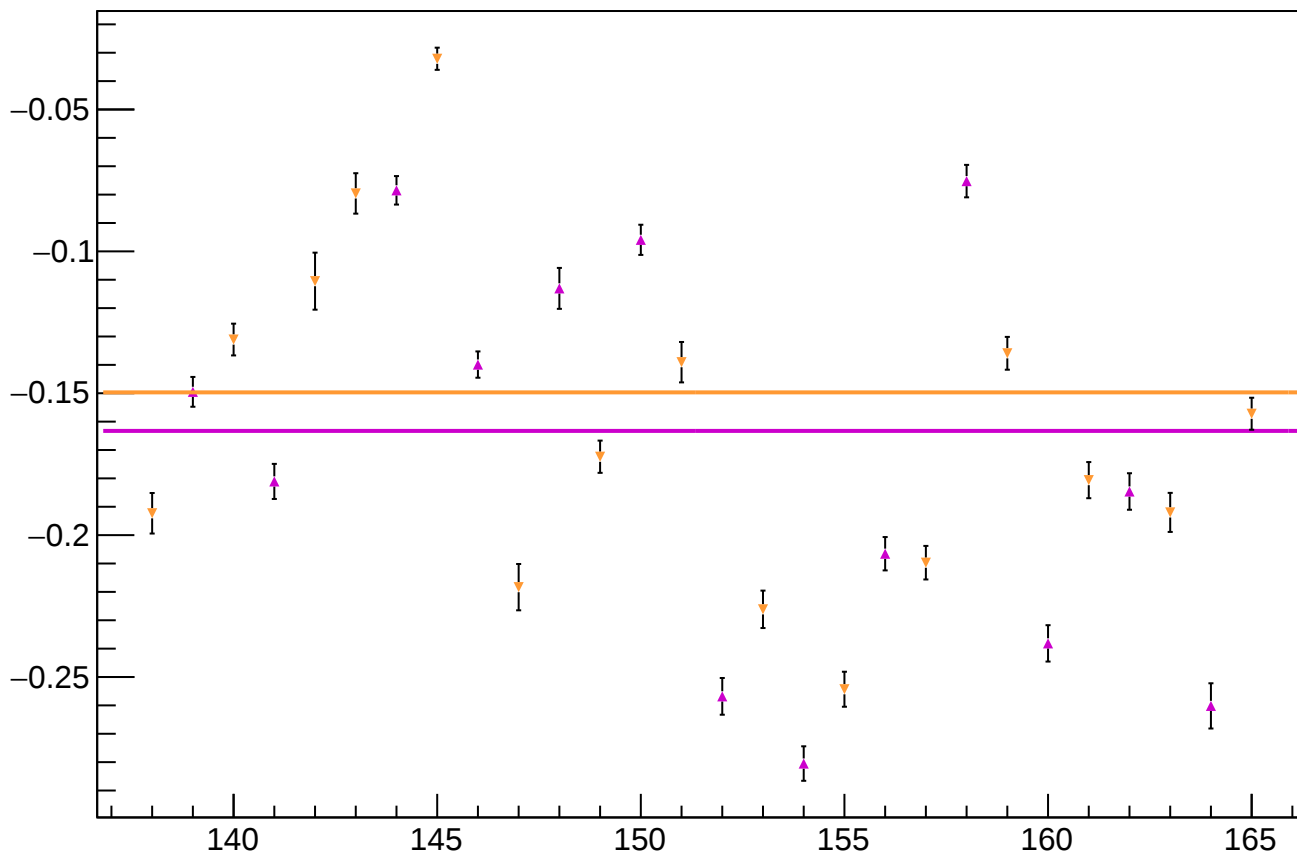
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 19.757 $\pm$ 0.035 χ^2 /NDF:18547.0/12

Out: 21.027 $\pm$ 0.034 χ^2 /NDF:16009.1/14

All: 20.406 $\pm$ 0.024 χ^2 /NDF: 35245.0/27

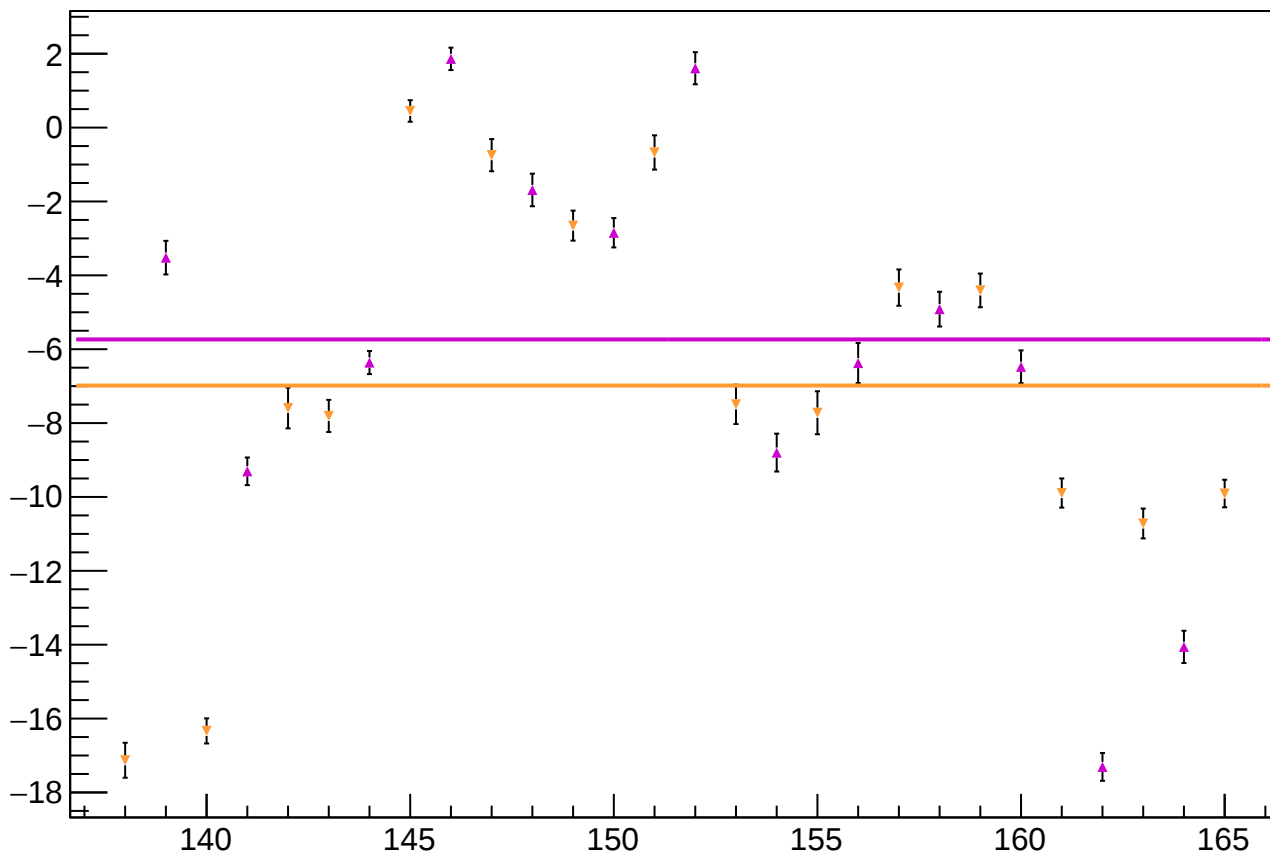
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.150 $\pm$ 0.002 χ^2 /NDF:1746.7/14
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.163 $\pm$ 0.002 χ^2 /NDF:1701.8/12

Left: -0.156 $\pm$ 0.001 χ^2 /NDF: 3484.1/27
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.163 $\pm$ 0.002 χ^2 /NDF:1701.8/12
 Out: -0.150 $\pm$ 0.002 χ^2 /NDF:1746.7/14
 All: -0.156 $\pm$ 0.001 χ^2 /NDF: 3484.1/27

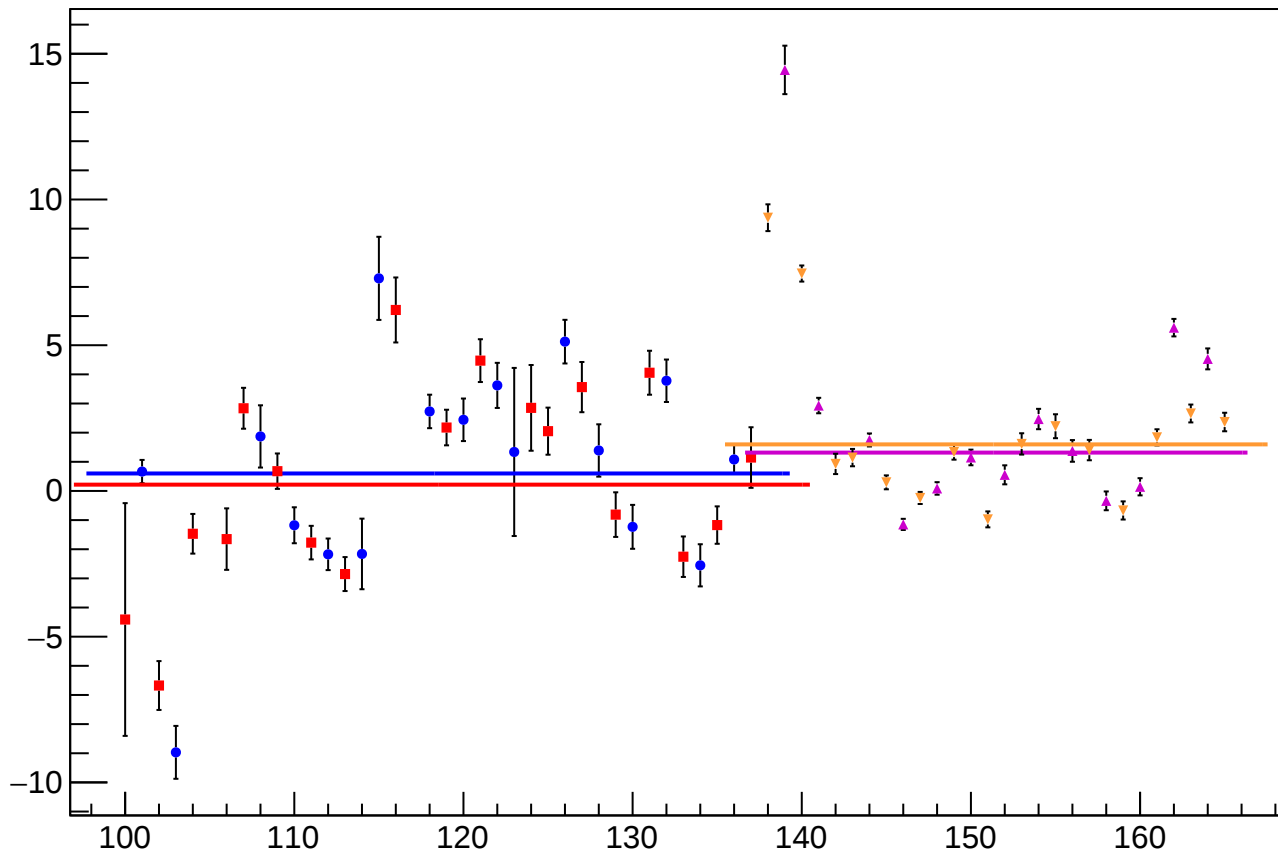
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.984+/-0.109 χ^2/NDF :2636.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.736+/-0.113 χ^2/NDF :2518.9/12

Left: -6.381+/-0.078 χ^2/NDF : 5218.7/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.736+/-0.113 χ^2/NDF :2518.9/12
 Out: -6.984+/-0.109 χ^2/NDF :2636.3/14
 All: -6.381+/-0.078 χ^2/NDF : 5218.7/27

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.598 ± 0.076 χ^2/NDF : 1014.9/14

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.316 ± 0.078 χ^2/NDF : 832.3/12

Left: 1.460 ± 0.055 χ^2/NDF : 1853.8/27

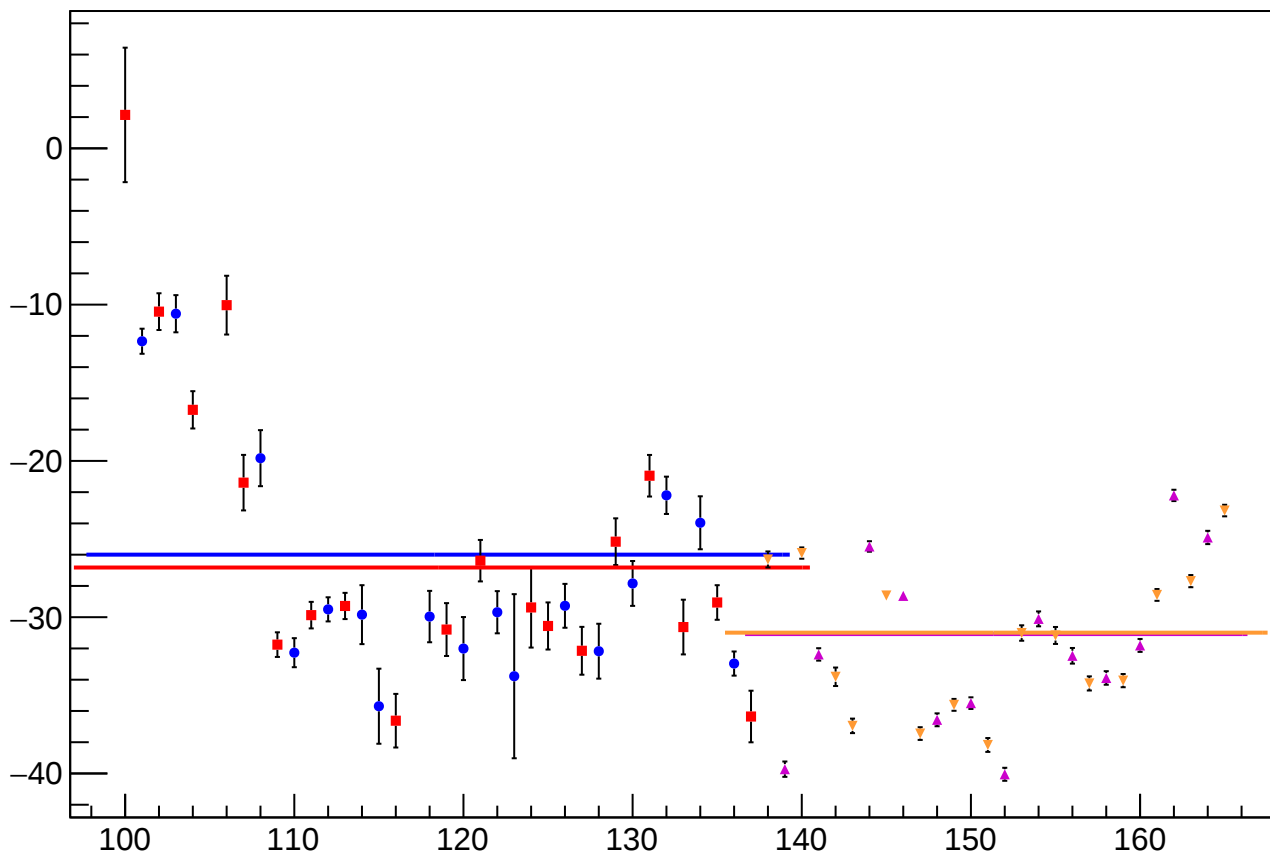
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.190 ± 0.071 χ^2/NDF : 1139.0/29

Out: 1.376 ± 0.070 χ^2/NDF : 1341.9/33

All: 1.284 ± 0.050 χ^2/NDF : 2484.4/63

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: -30.989 ± 0.108 χ^2/NDF : 1851.2/14

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -31.081 ± 0.110 χ^2/NDF : 2318.7/12

Left: -31.034 ± 0.077 χ^2/NDF : 4170.3/27

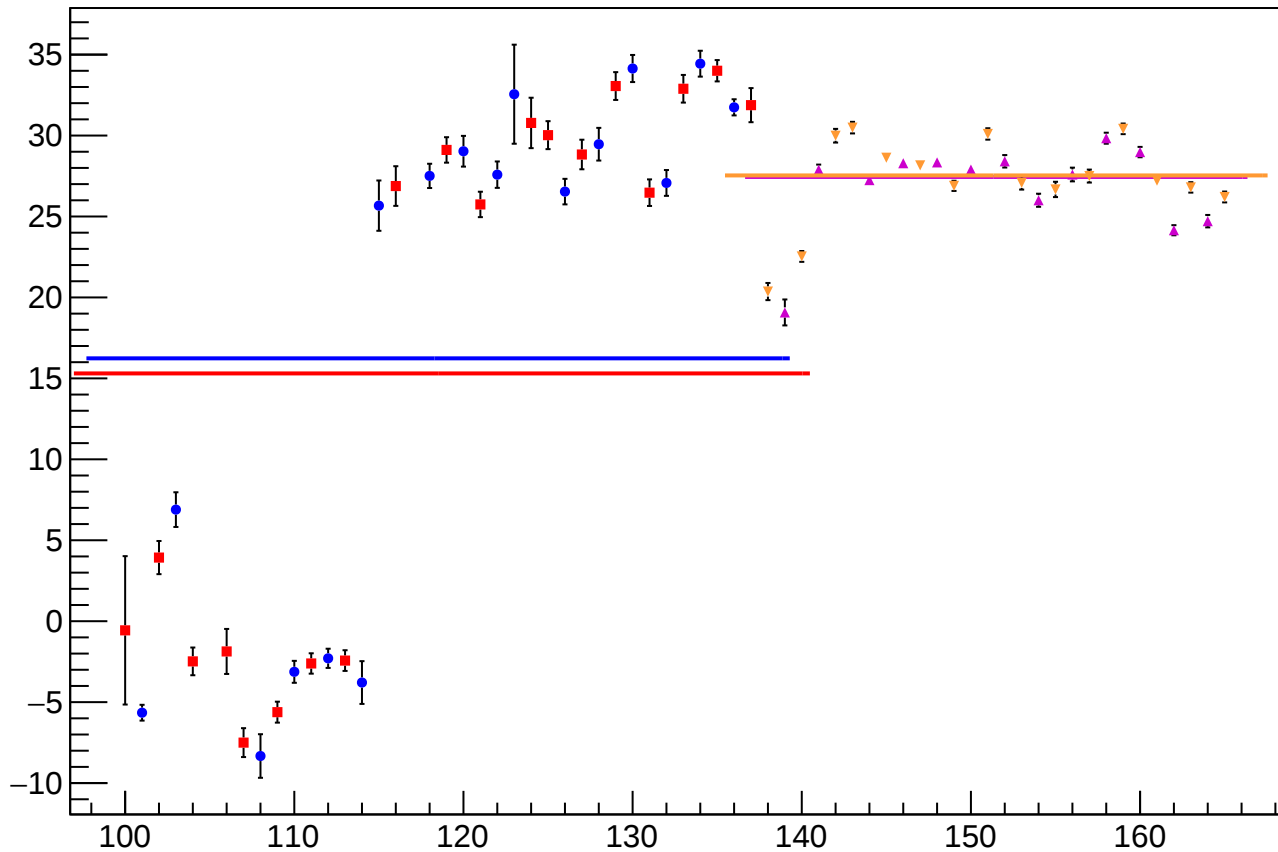
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -30.479 ± 0.103 χ^2/NDF : 3264.2/29

Out: -30.507 ± 0.101 χ^2/NDF : 2605.6/33

All: -30.493 ± 0.072 χ^2/NDF : 5869.9/63

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: 27.537 $\pm$ 0.089 χ^2 /NDF:690.3/14

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.443 $\pm$ 0.092 χ^2 /NDF:388.1/12

Left: 27.491 $\pm$ 0.064 χ^2 /NDF: 1078.9/27

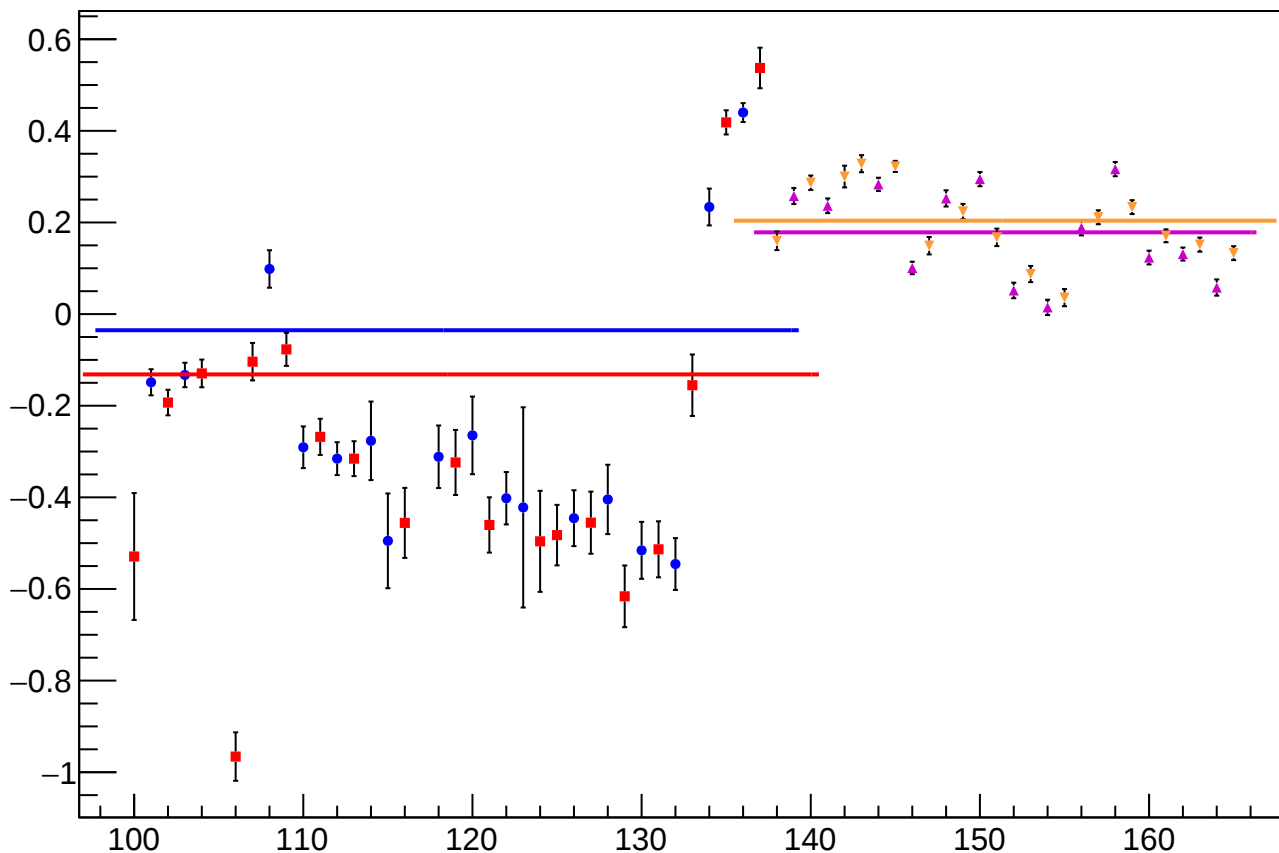
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 25.343 $\pm$ 0.083 χ^2 /NDF:10753.9/29

Out: 25.449 $\pm$ 0.081 χ^2 /NDF:11159.8/33

All: 25.397 $\pm$ 0.058 χ^2 /NDF: 21914.5/63

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: 0.204 ± 0.004 χ^2/NDF : 367.9/14

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.178 ± 0.004 χ^2/NDF : 492.5/12

Left: 0.192 ± 0.003 χ^2/NDF : 877.8/27

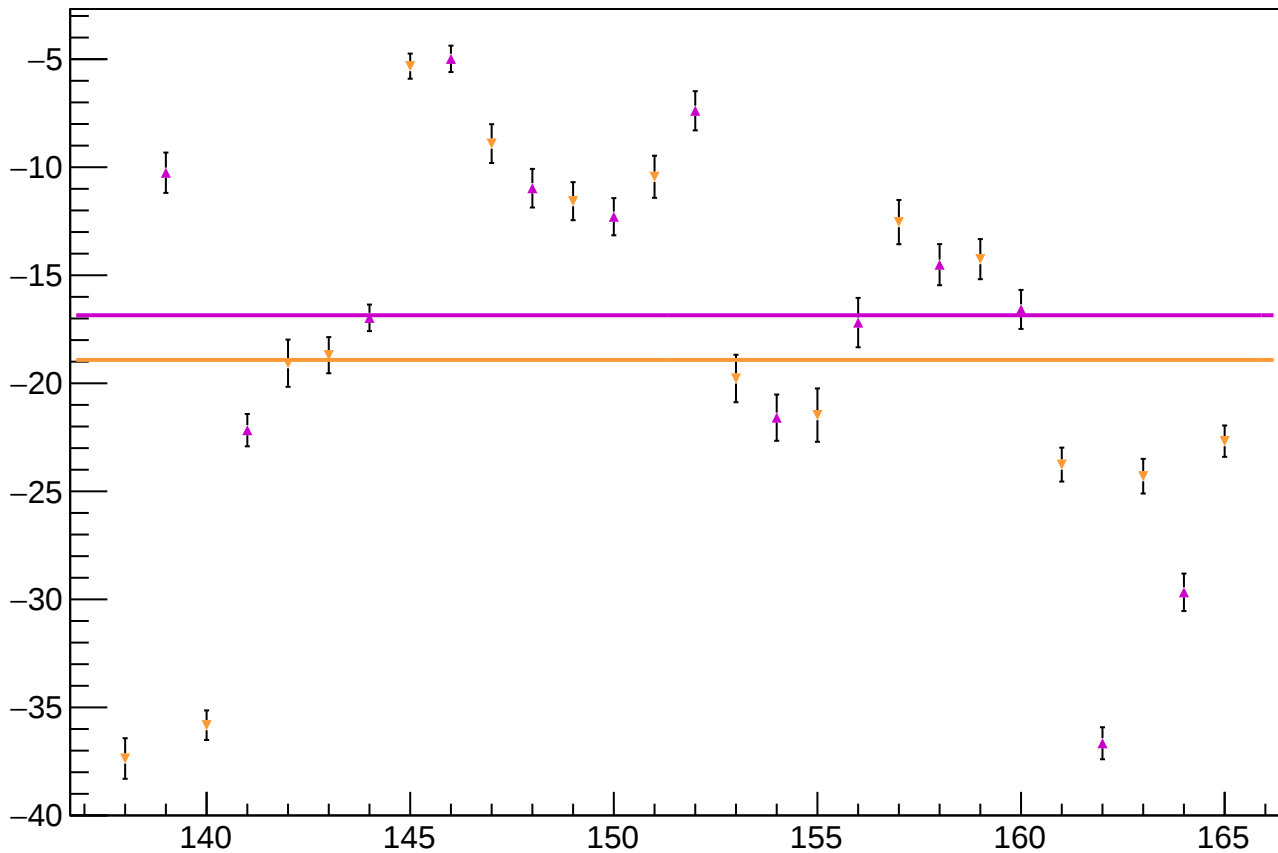
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.146 ± 0.004 χ^2/NDF : 1868.8/29

Out: 0.156 ± 0.004 χ^2/NDF : 2435.4/33

All: 0.151 ± 0.003 χ^2/NDF : 4307.3/63

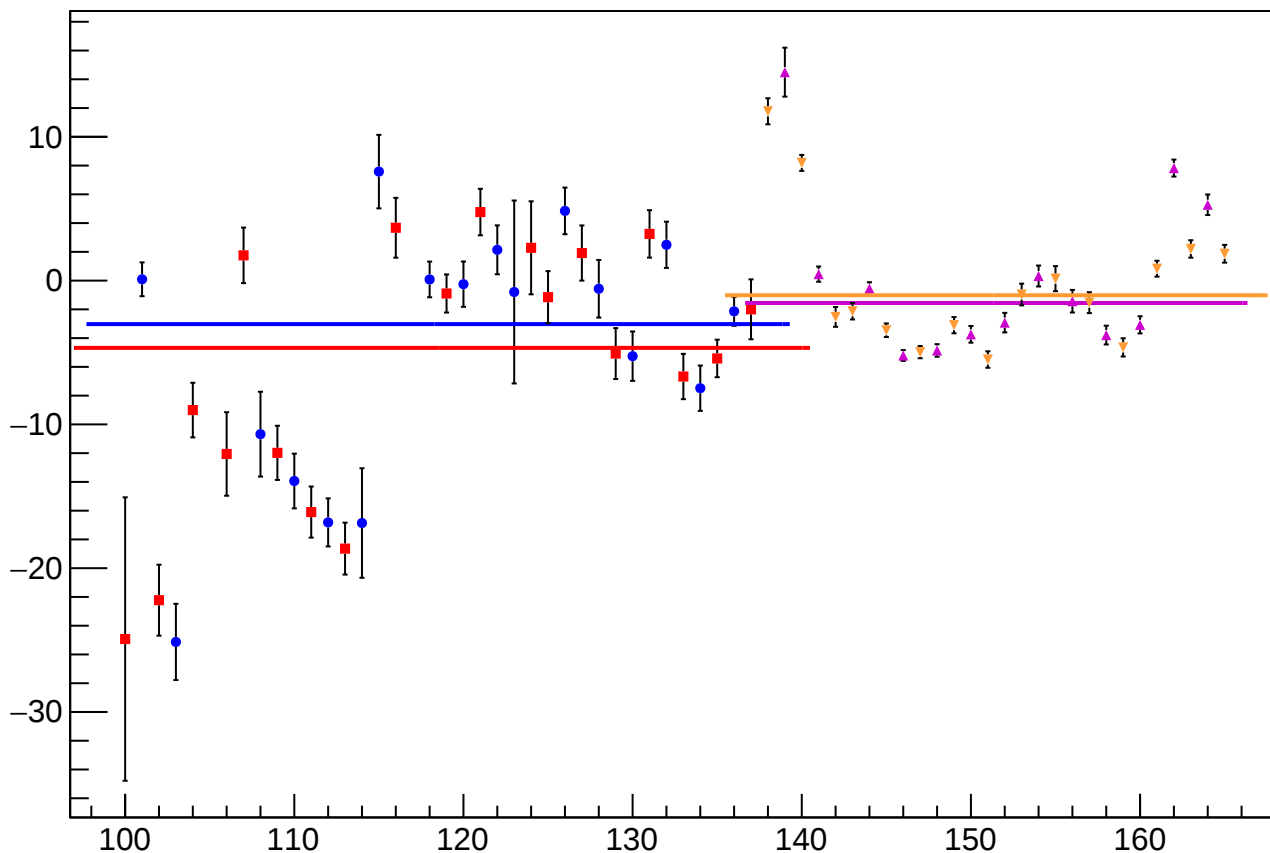
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -18.918 ± 0.220 $\chi^2/\text{NDF}: 1990.2/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -16.851 ± 0.228 $\chi^2/\text{NDF}: 1618.0/12$

Left: -17.924 ± 0.158 $\chi^2/\text{NDF}: 3650.8/27$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -16.851 ± 0.228 $\chi^2/\text{NDF}: 1618.0/12$
 Out: -18.918 ± 0.220 $\chi^2/\text{NDF}: 1990.2/14$
 All: -17.924 ± 0.158 $\chi^2/\text{NDF}: 3650.8/27$

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.020 ± 0.155 $\chi^2/\text{NDF}: 765.7/14$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

Left In: -1.557 ± 0.158 $\chi^2/\text{NDF}: 646.9/12$

Left: -1.283 ± 0.110 $\chi^2/\text{NDF}: 1418.5/27$

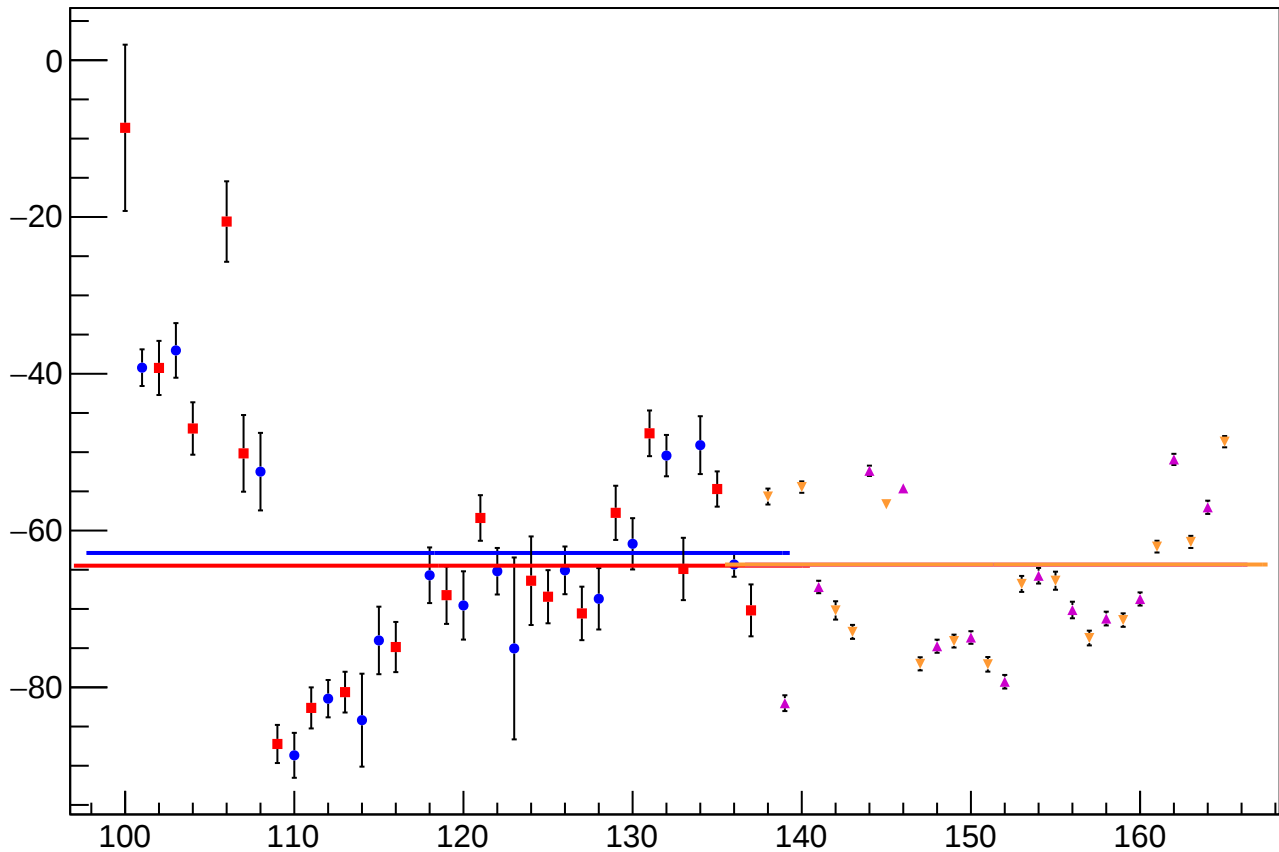
Right: -3.816 ± 0.295 $\chi^2/\text{NDF}: 587.6/35$

In: -1.749 ± 0.147 $\chi^2/\text{NDF}: 938.8/29$

Out: -1.445 ± 0.145 $\chi^2/\text{NDF}: 1129.9/33$

All: -1.595 ± 0.103 $\chi^2/\text{NDF}: 2070.9/63$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -64.332 $\pm$ 0.218 χ^2 /NDF:1756.0/14

Right Out: -64.480 $\pm$ 0.751 χ^2 /NDF: 444.0/18

Left In: -64.353 $\pm$ 0.223 χ^2 /NDF:2059.9/12

Left: -64.342 $\pm$ 0.156 χ^2 /NDF: 3816.0/27

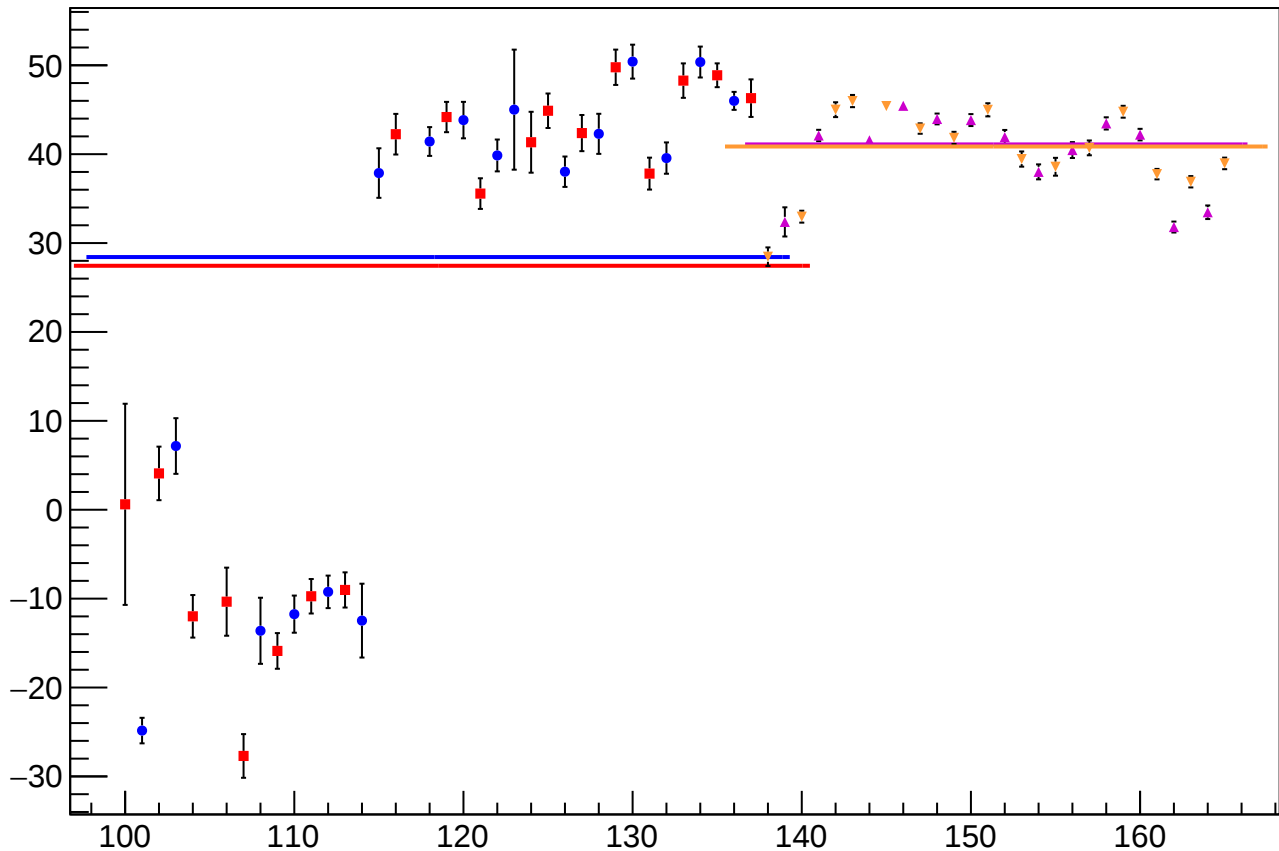
Right: -63.656 $\pm$ 0.527 χ^2 /NDF: 814.1/35

In: -64.228 $\pm$ 0.214 χ^2 /NDF:2431.4/29

Out: -64.344 $\pm$ 0.209 χ^2 /NDF:2200.0/33

All: -64.287 $\pm$ 0.150 χ^2 /NDF: 4631.6/63

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 40.861 $\pm$ 0.181 χ^2 /NDF:589.5/14

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 41.097 $\pm$ 0.186 χ^2 /NDF:511.5/12

Left: 40.976 $\pm$ 0.130 χ^2 /NDF: 1101.8/27

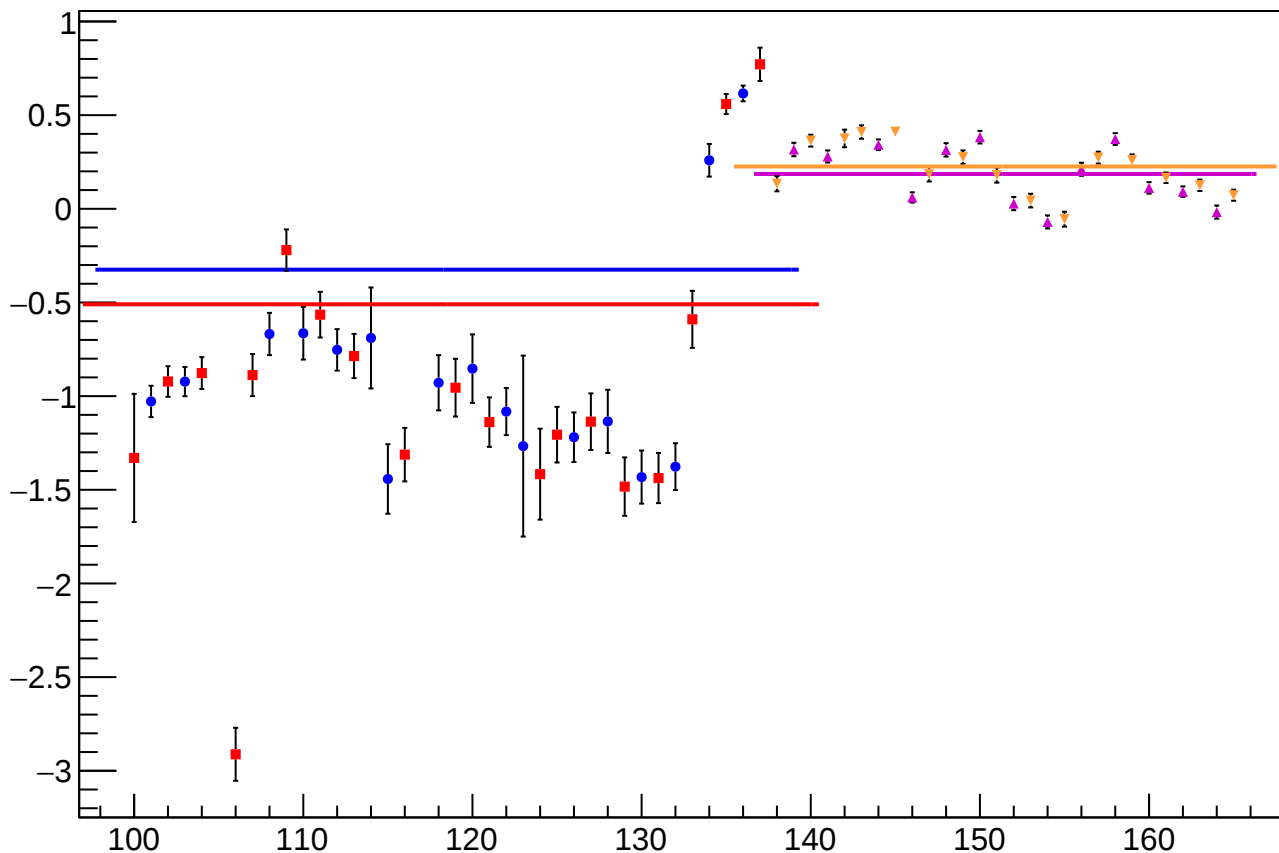
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.302 $\pm$ 0.172 χ^2 /NDF:4491.5/29

Out: 39.186 $\pm$ 0.169 χ^2 /NDF:4311.4/33

All: 39.243 $\pm$ 0.121 χ^2 /NDF: 8803.1/63

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: 0.226 ± 0.009 χ^2/NDF : 244.0/14

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.186 ± 0.009 χ^2/NDF : 279.3/12

Left: 0.207 ± 0.006 χ^2/NDF : 533.7/27

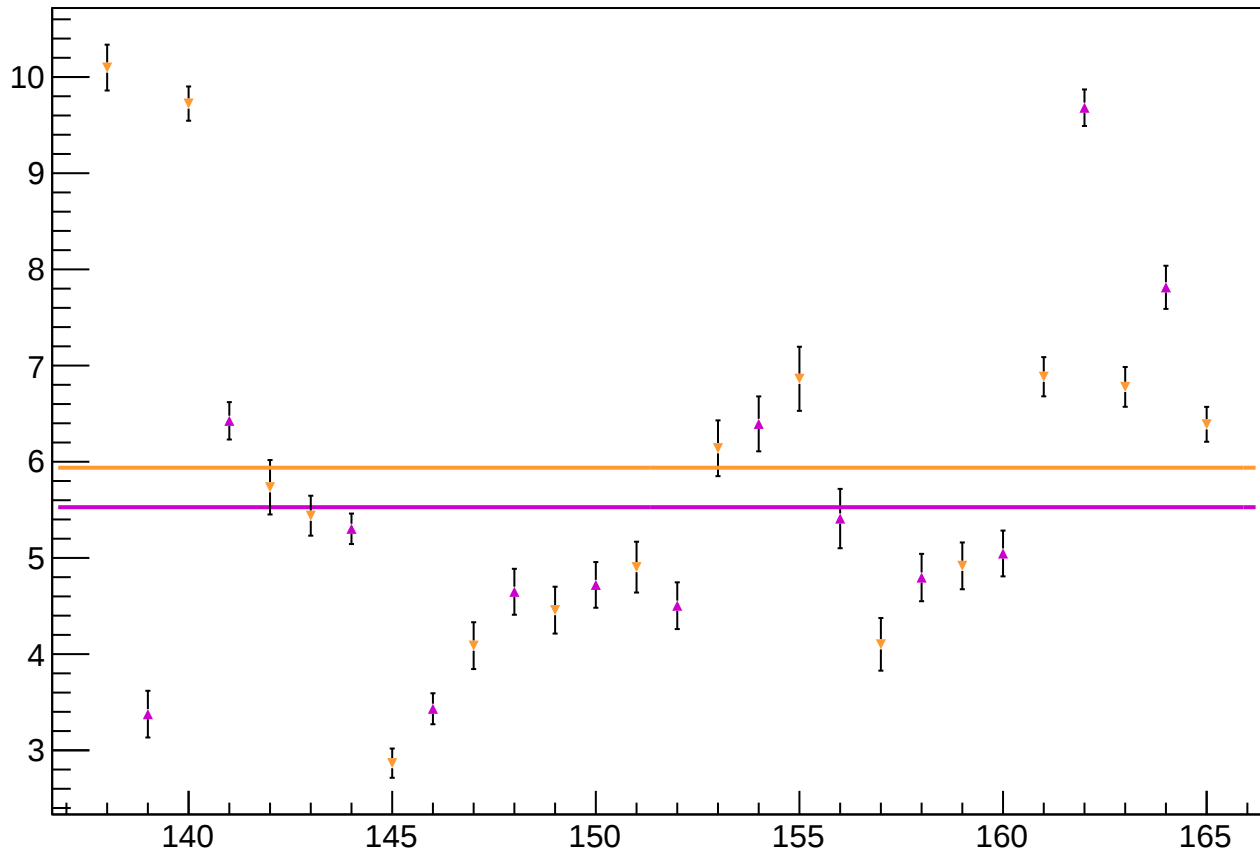
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.128 ± 0.008 χ^2/NDF : 1663.5/29

Out: 0.152 ± 0.008 χ^2/NDF : 2150.3/33

All: 0.140 ± 0.006 χ^2/NDF : 3817.9/63

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: 5.938+/-0.057 χ^2/NDF :1395.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.527+/-0.060 χ^2/NDF :918.5/12

Left: 5.742+/-0.041 χ^2/NDF : 2338.9/27

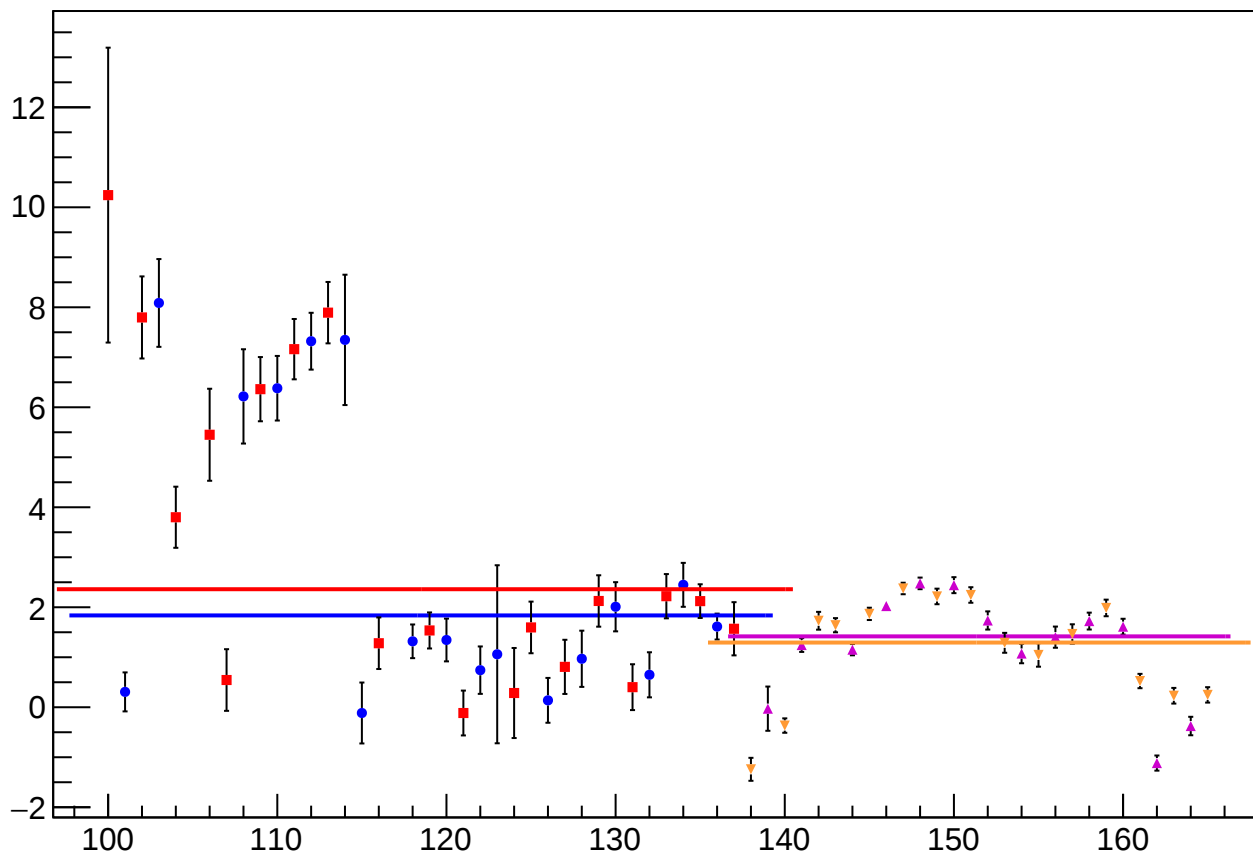
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.527+/-0.060 χ^2/NDF :918.5/12

Out: 5.938+/-0.057 χ^2/NDF :1395.8/14

All: 5.742+/-0.041 χ^2/NDF : 2338.9/27

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.294 ± 0.040 χ^2/NDF : 589.1/14

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.418 ± 0.041 χ^2/NDF : 566.2/12

Left: 1.354 ± 0.029 χ^2/NDF : 1159.8/27

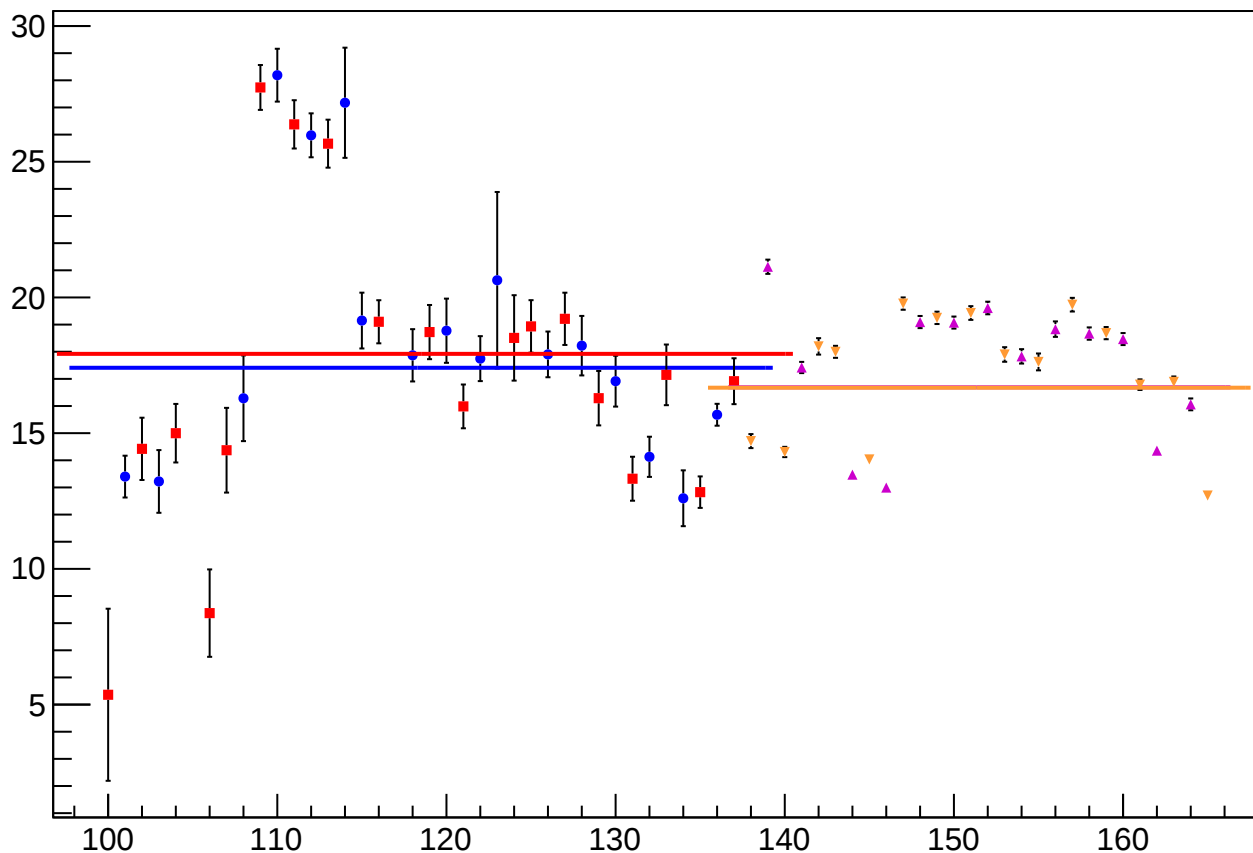
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.465 ± 0.039 χ^2/NDF : 871.8/29

Out: 1.399 ± 0.038 χ^2/NDF : 994.5/33

All: 1.432 ± 0.027 χ^2/NDF : 1867.7/63

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 16.675 $\pm$ 0.057 χ^2 /NDF:1718.2/14

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.689 $\pm$ 0.059 χ^2 /NDF:2003.7/12

Left: 16.682 $\pm$ 0.041 χ^2 /NDF: 3721.9/27

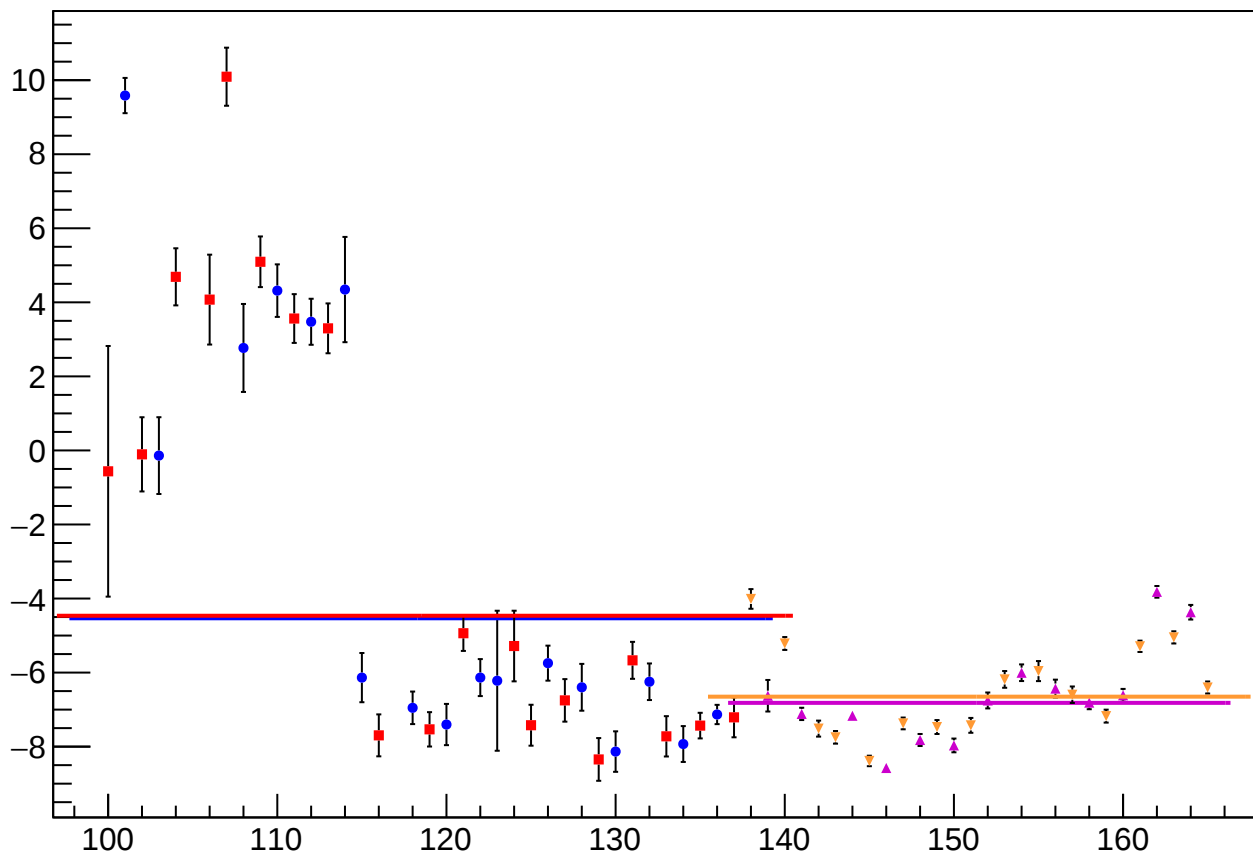
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.740 $\pm$ 0.057 χ^2 /NDF:2379.5/29

Out: 16.754 $\pm$ 0.055 χ^2 /NDF:2255.1/33

All: 16.747 $\pm$ 0.039 χ^2 /NDF: 4634.6/63

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533+/-0.130 χ^2/NDF : 1588.4/16

Left Out: -6.650+/-0.047 χ^2/NDF : 623.0/14

Right Out: -4.465+/-0.137 χ^2/NDF : 1340.6/18

Left In: -6.818+/-0.049 χ^2/NDF : 819.6/12

Left: -6.731+/-0.034 χ^2/NDF : 1448.7/27

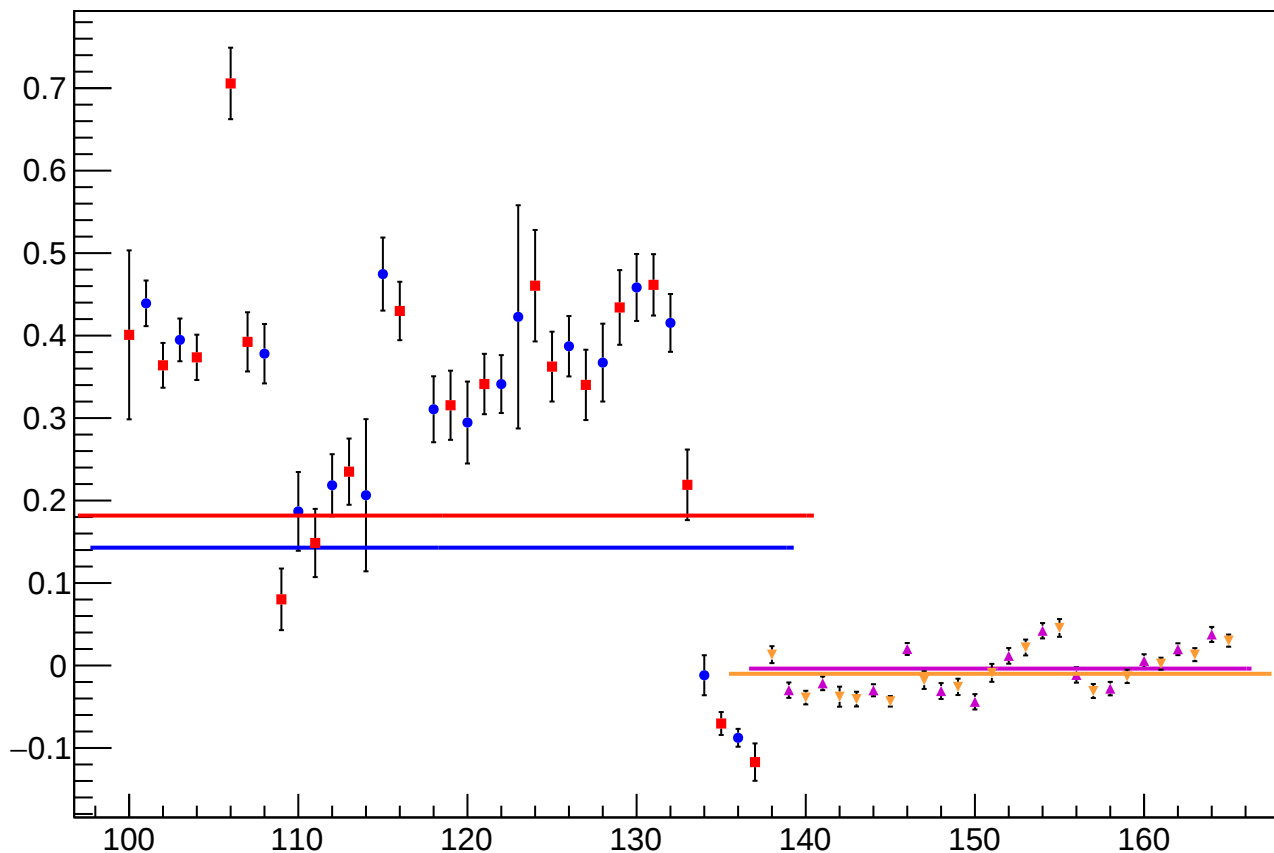
Right: -4.501+/-0.094 χ^2/NDF : 2929.2/35

In: -6.534+/-0.046 χ^2/NDF : 2679.9/29

Out: -6.417+/-0.045 χ^2/NDF : 2191.7/33

All: -6.474+/-0.032 χ^2/NDF : 4874.9/63

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: -0.010 ± 0.002 $\chi^2/\text{NDF}: 150.1/14$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.004 ± 0.002 $\chi^2/\text{NDF}: 131.8/12$

Left: -0.007 ± 0.002 $\chi^2/\text{NDF}: 285.6/27$

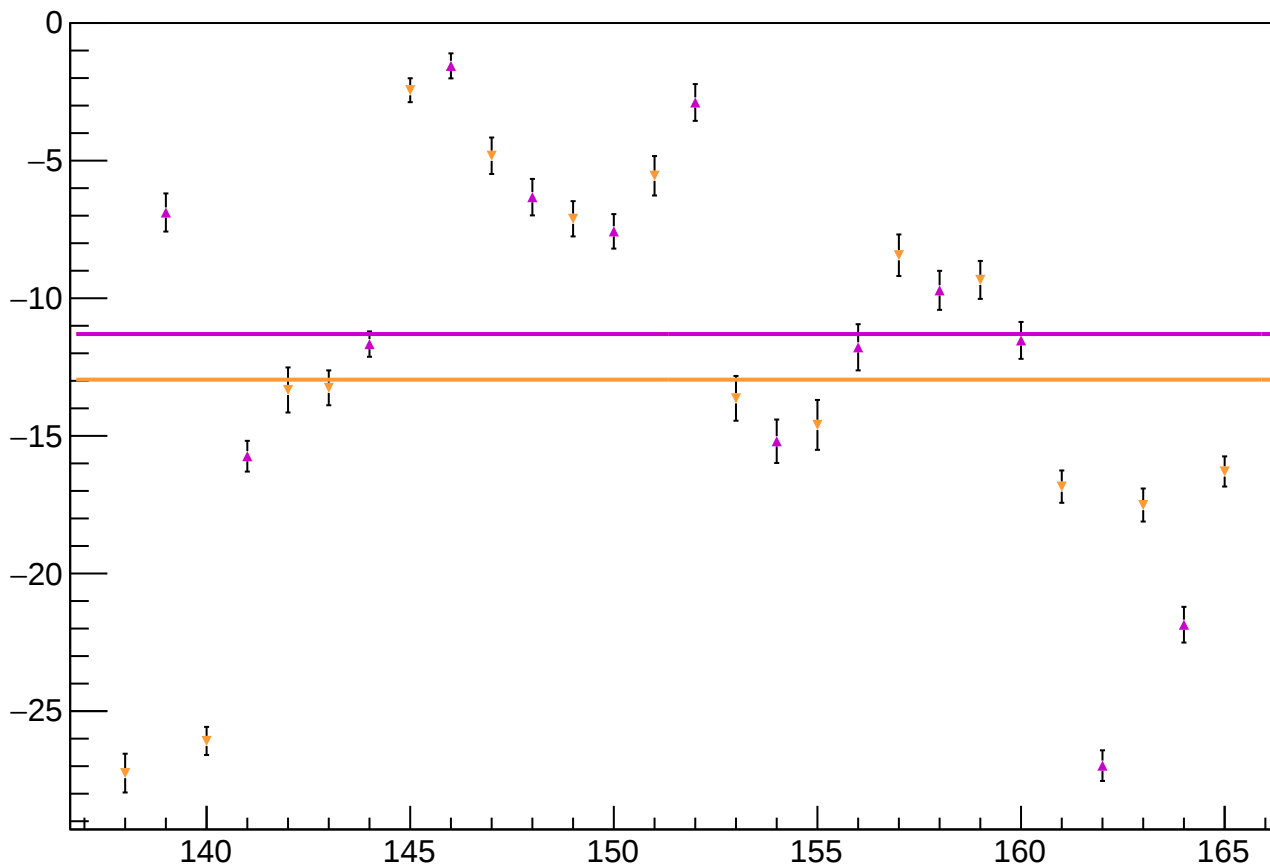
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.011 ± 0.002 $\chi^2/\text{NDF}: 1579.6/29$

Out: 0.006 ± 0.002 $\chi^2/\text{NDF}: 1775.9/33$

All: 0.008 ± 0.002 $\chi^2/\text{NDF}: 3357.7/63$

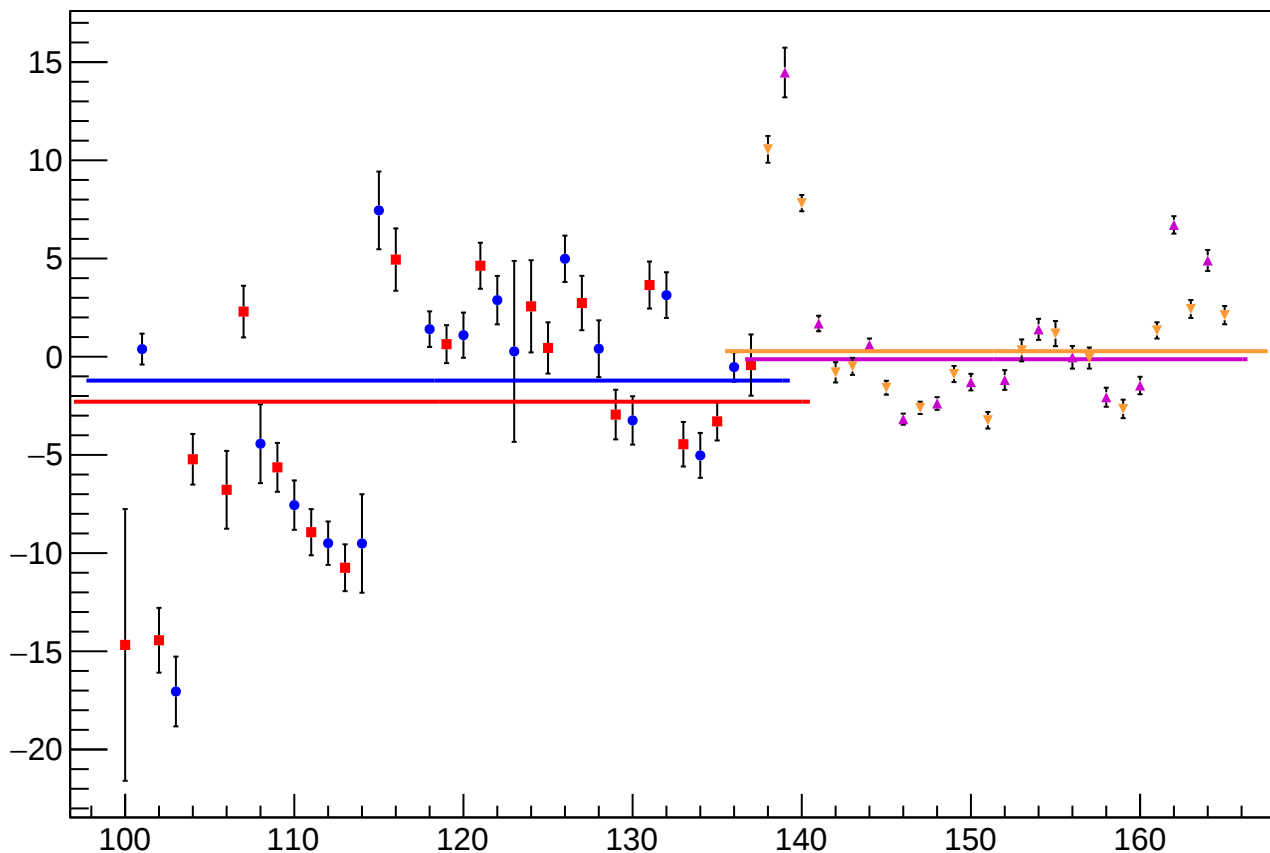
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.957+/-0.164 χ^2/NDF : 2206.3/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.300+/-0.170 χ^2/NDF : 1904.1/12

Left: -12.159+/-0.118 χ^2/NDF : 4159.9/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.300+/-0.170 χ^2/NDF : 1904.1/12
 Out: -12.957+/-0.164 χ^2/NDF : 2206.3/14
 All: -12.159+/-0.118 χ^2/NDF : 4159.9/27

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.282 ± 0.115 χ^2/NDF : 841.8/14

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -0.128 ± 0.118 χ^2/NDF : 696.6/12

Left: 0.082 ± 0.082 χ^2/NDF : 1544.6/27

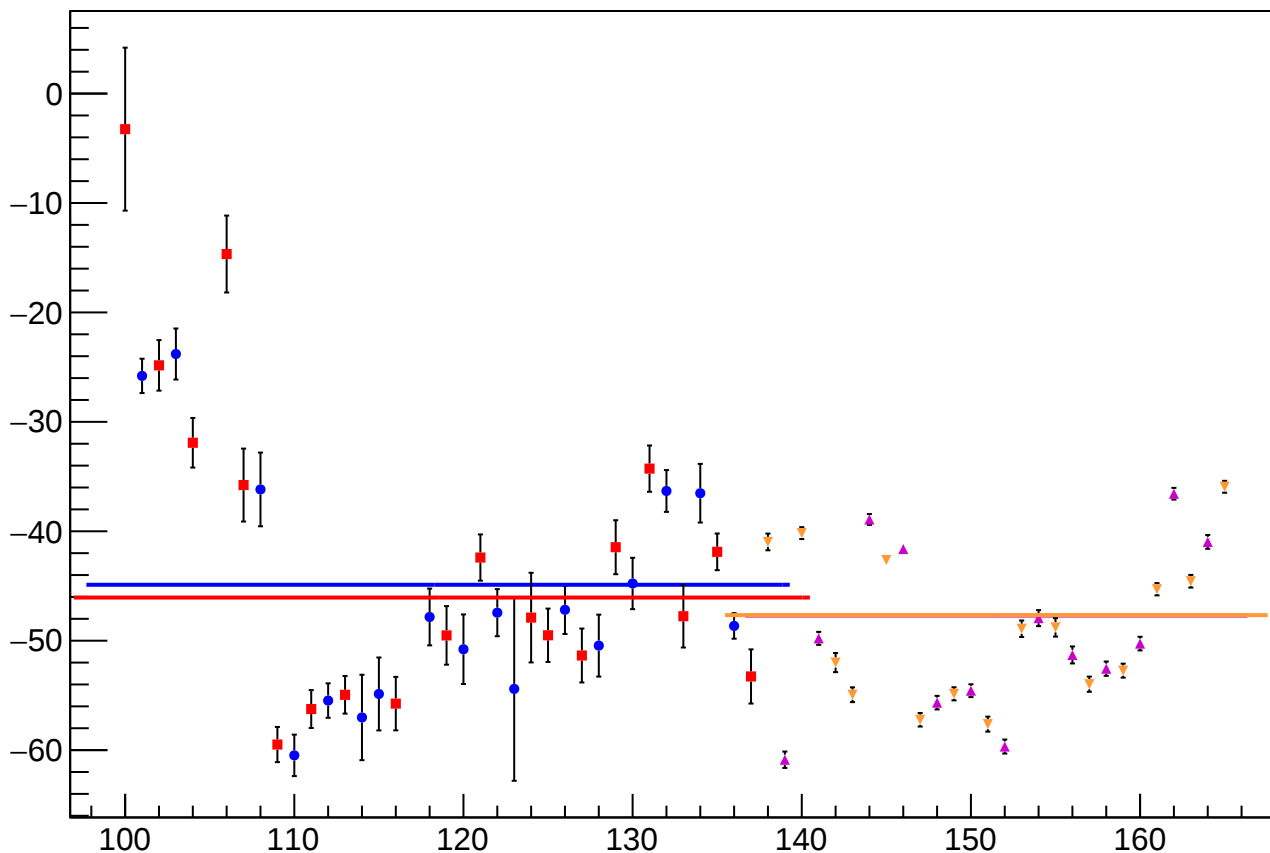
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -0.282 ± 0.109 χ^2/NDF : 987.3/29

Out: -0.043 ± 0.107 χ^2/NDF : 1192.3/33

All: -0.160 ± 0.077 χ^2/NDF : 2182.0/63

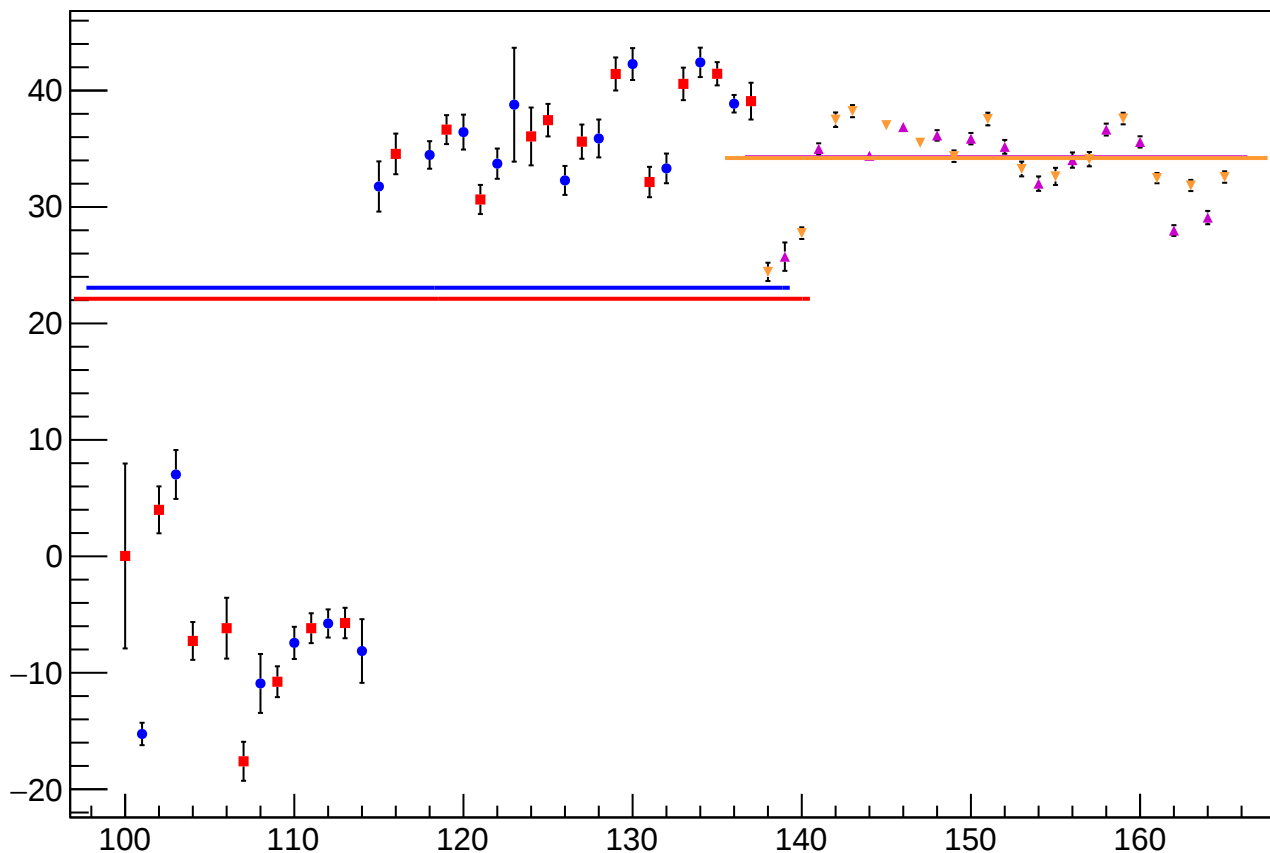
reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$
 Left Out: -47.663 ± 0.162 $\chi^2/\text{NDF}: 1782.0/14$
 Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$
 Left In: -47.705 ± 0.166 $\chi^2/\text{NDF}: 2122.7/12$

Left: -47.684 ± 0.116 $\chi^2/\text{NDF}: 3904.8/27$
 Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$
 In: -47.447 ± 0.158 $\chi^2/\text{NDF}: 2569.5/29$
 Out: -47.525 ± 0.155 $\chi^2/\text{NDF}: 2244.2/33$
 All: -47.487 ± 0.111 $\chi^2/\text{NDF}: 4813.8/63$

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: 34.204 $\pm$ 0.134 χ^2 /NDF:606.3/14

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 34.273 $\pm$ 0.138 χ^2 /NDF:445.1/12

Left: 34.237 $\pm$ 0.096 χ^2 /NDF: 1051.6/27

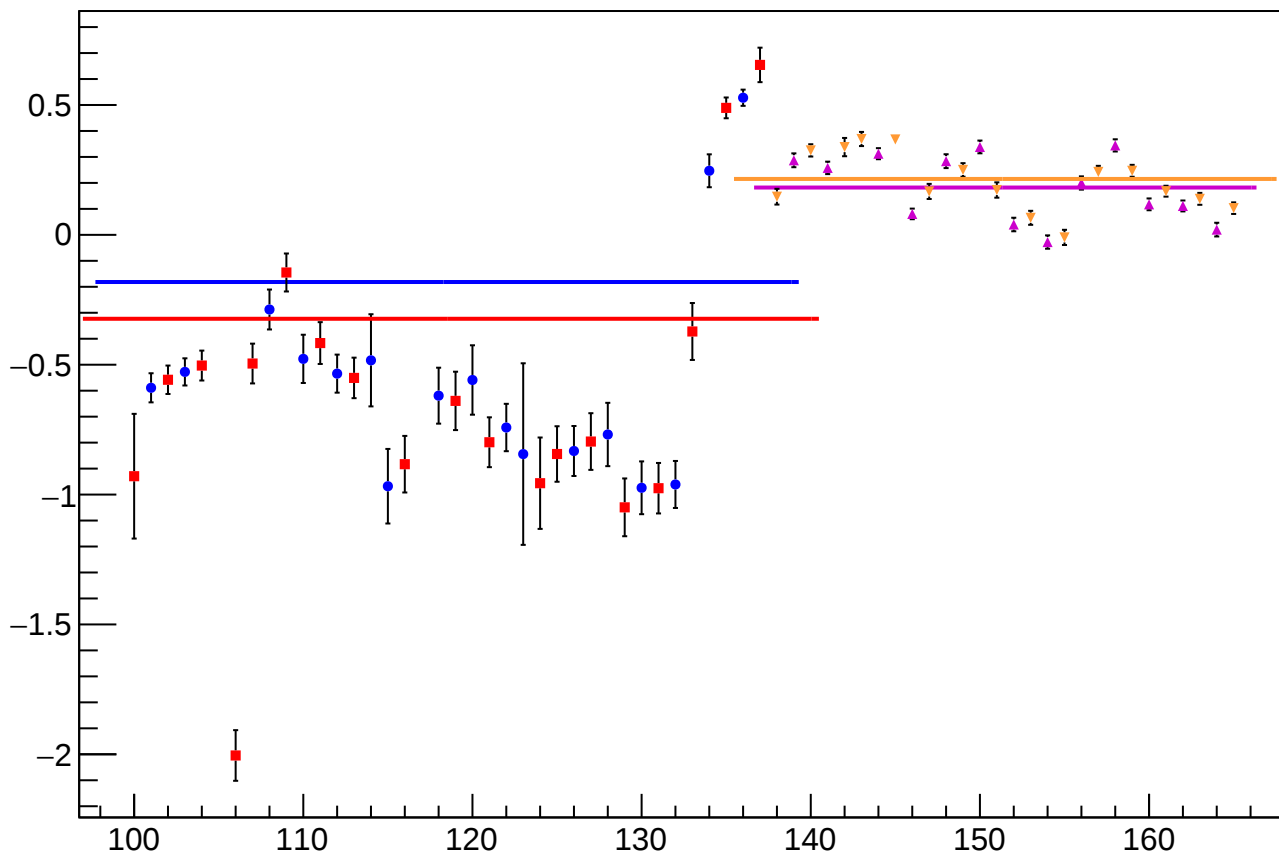
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.567 $\pm$ 0.127 χ^2 /NDF:5777.1/29

Out: 32.566 $\pm$ 0.125 χ^2 /NDF:5733.7/33

All: 32.566 $\pm$ 0.089 χ^2 /NDF: 11510.8/63

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: 0.215 ± 0.006 χ^2/NDF : 283.0/14

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.182 ± 0.007 χ^2/NDF : 344.2/12

Left: 0.199 ± 0.005 χ^2/NDF : 640.0/27

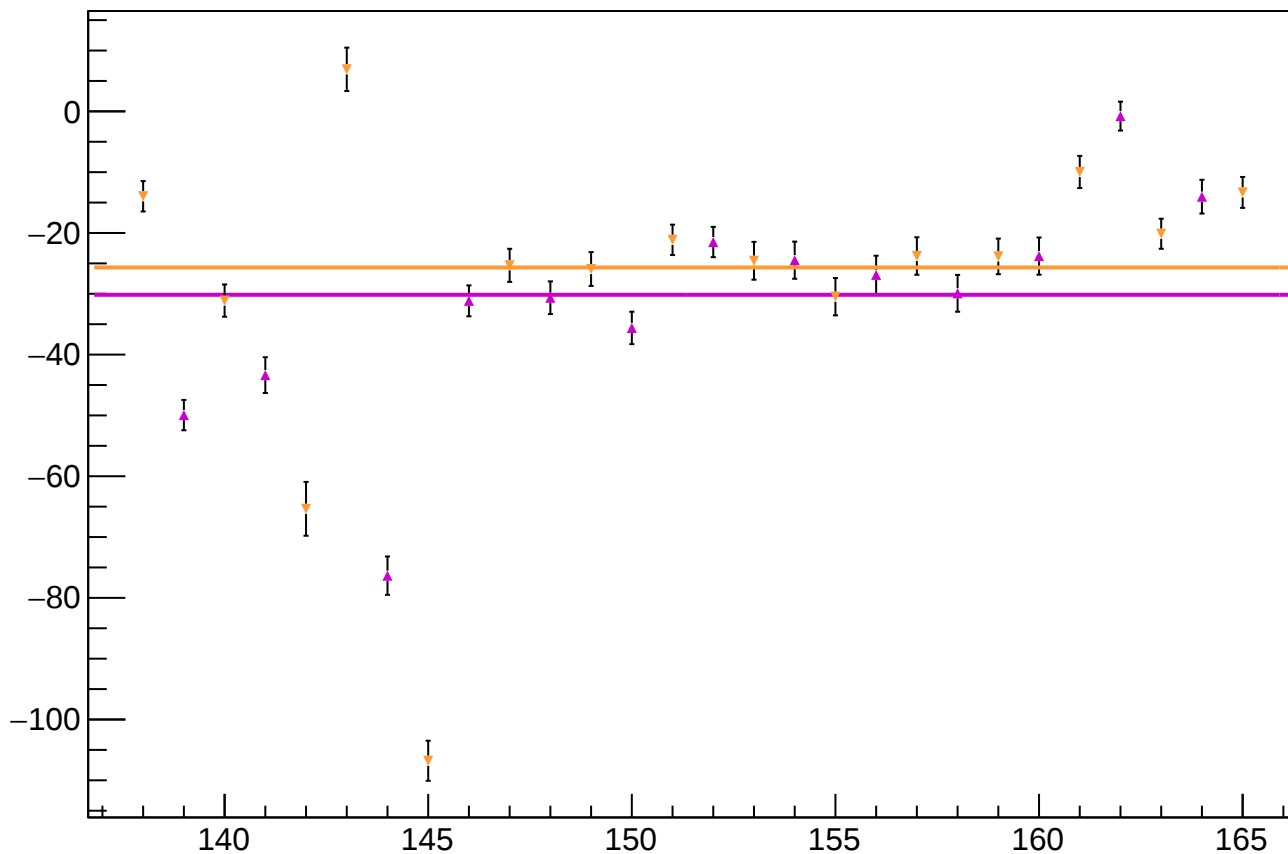
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.138 ± 0.006 χ^2/NDF : 1709.9/29

Out: 0.156 ± 0.006 χ^2/NDF : 2248.4/33

All: 0.147 ± 0.004 χ^2/NDF : 3962.7/63

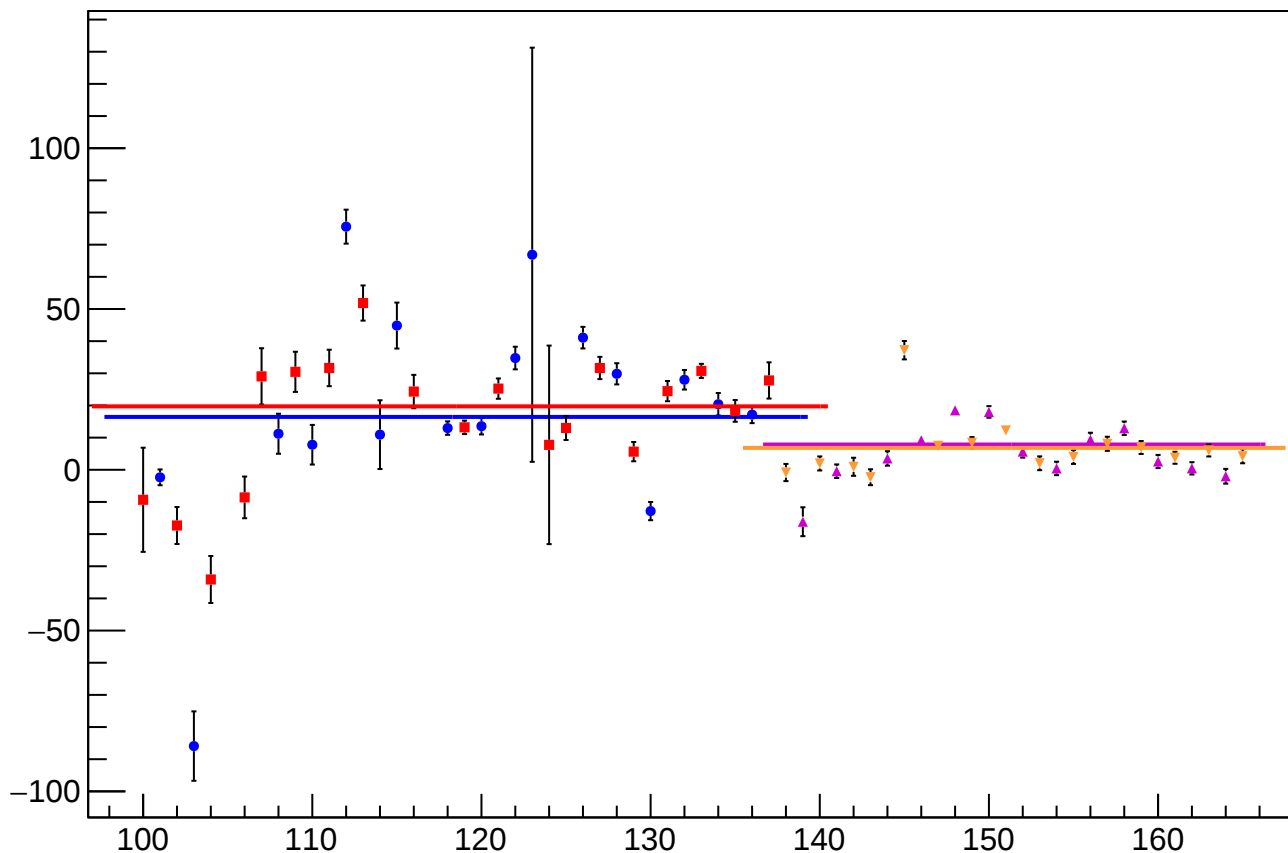
reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.671+/-0.737 χ^2/NDF :866.2/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.162+/-0.766 χ^2/NDF :509.9/12

Left: -27.828+/-0.531 χ^2/NDF : 1394.0/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -30.162+/-0.766 χ^2/NDF :509.9/12
 Out: -25.671+/-0.737 χ^2/NDF :866.2/14
 All: -27.828+/-0.531 χ^2/NDF : 1394.0/27

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 χ^2/NDF : 516.9/16

Left Out: 6.812 ± 0.511 χ^2/NDF : 171.1/14

Right Out: 19.724 ± 0.898 χ^2/NDF : 241.7/18

Left In: 7.862 ± 0.537 χ^2/NDF : 206.6/12

Left: 7.311 ± 0.370 χ^2/NDF : 379.7/27

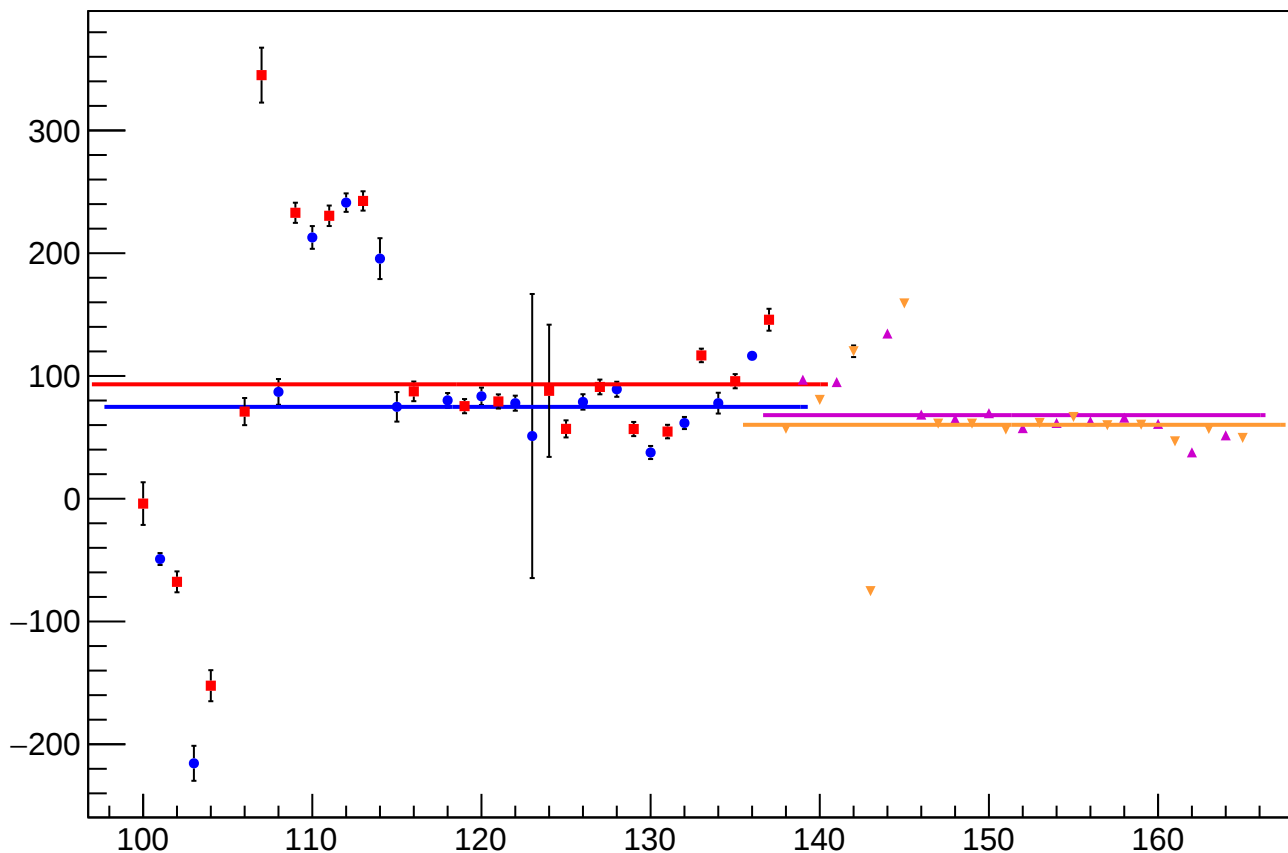
Right: 17.989 ± 0.617 χ^2/NDF : 765.7/35

In: 10.312 ± 0.453 χ^2/NDF : 796.5/29

Out: 9.970 ± 0.444 χ^2/NDF : 569.1/33

All: 10.137 ± 0.317 χ^2/NDF : 1365.8/63

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 60.218+/-0.720 χ^2/NDF : 2373.1/14

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 68.093+/-0.743 χ^2/NDF : 826.9/12

Left: 64.032+/-0.517 χ^2/NDF : 3258.0/27

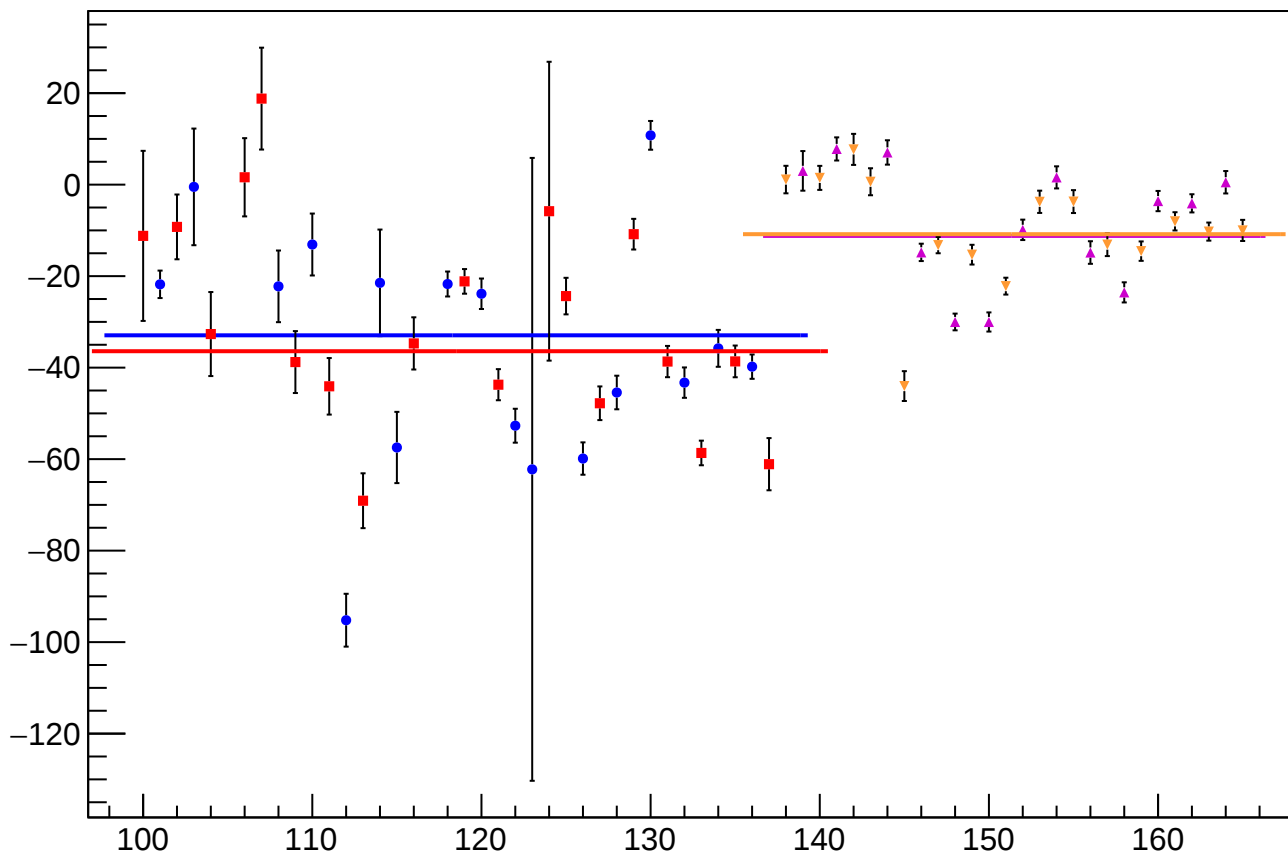
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 69.241+/-0.677 χ^2/NDF : 2837.7/29

Out: 65.176+/-0.664 χ^2/NDF : 4689.4/33

All: 67.169+/-0.474 χ^2/NDF : 7545.5/63

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.828 ± 0.600 χ^2/NDF : 253.0/14

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -11.206 ± 0.630 χ^2/NDF : 414.3/12

Left: -11.008 ± 0.434 χ^2/NDF : 667.4/27

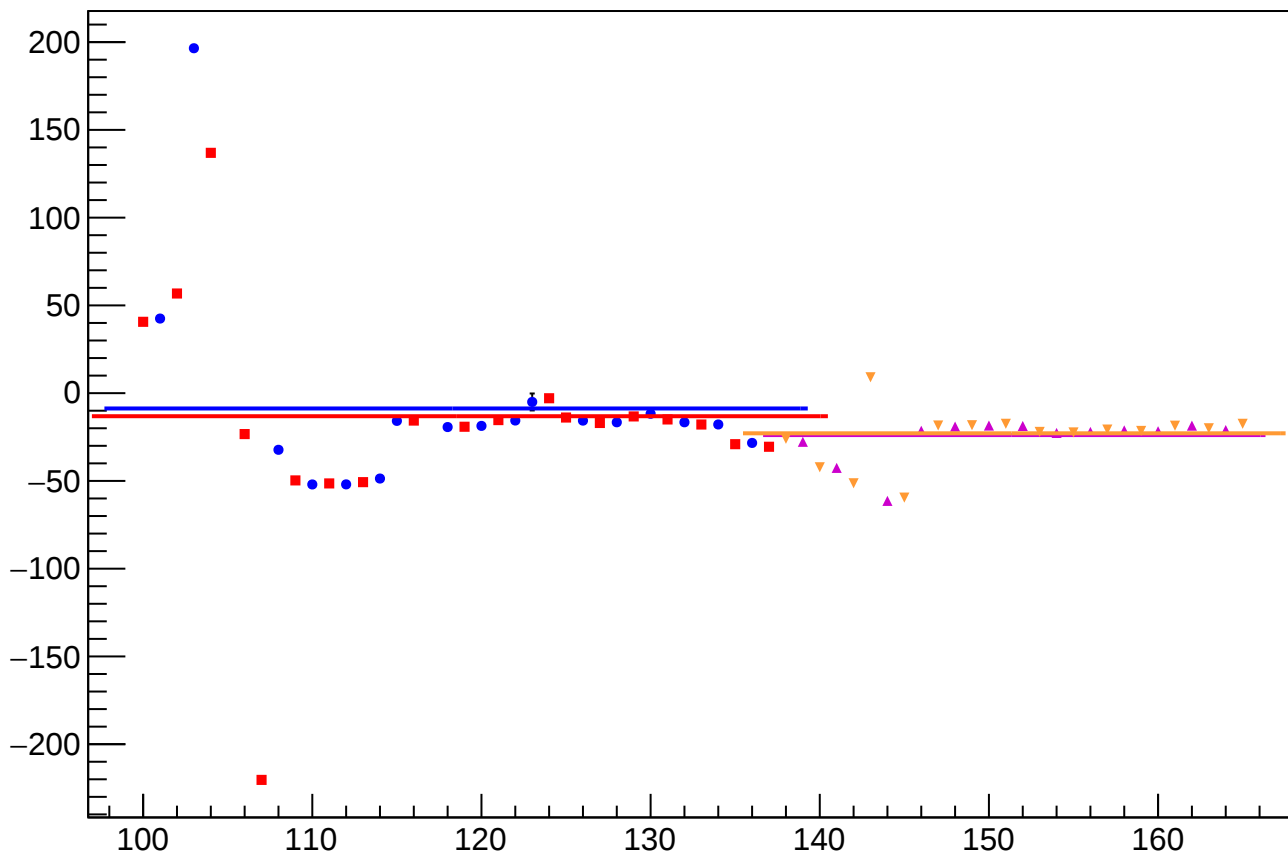
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -17.615 ± 0.529 χ^2/NDF : 1256.4/29

Out: -17.350 ± 0.518 χ^2/NDF : 1012.1/33

All: -17.480 ± 0.370 χ^2/NDF : 2268.6/63

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: -22.873 ± 0.028 $\chi^2/\text{NDF}: 177557.8/14$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -23.877 ± 0.029 $\chi^2/\text{NDF}: 101888.4/12$

Left: -23.361 ± 0.020 $\chi^2/\text{NDF}: 280059.4/27$

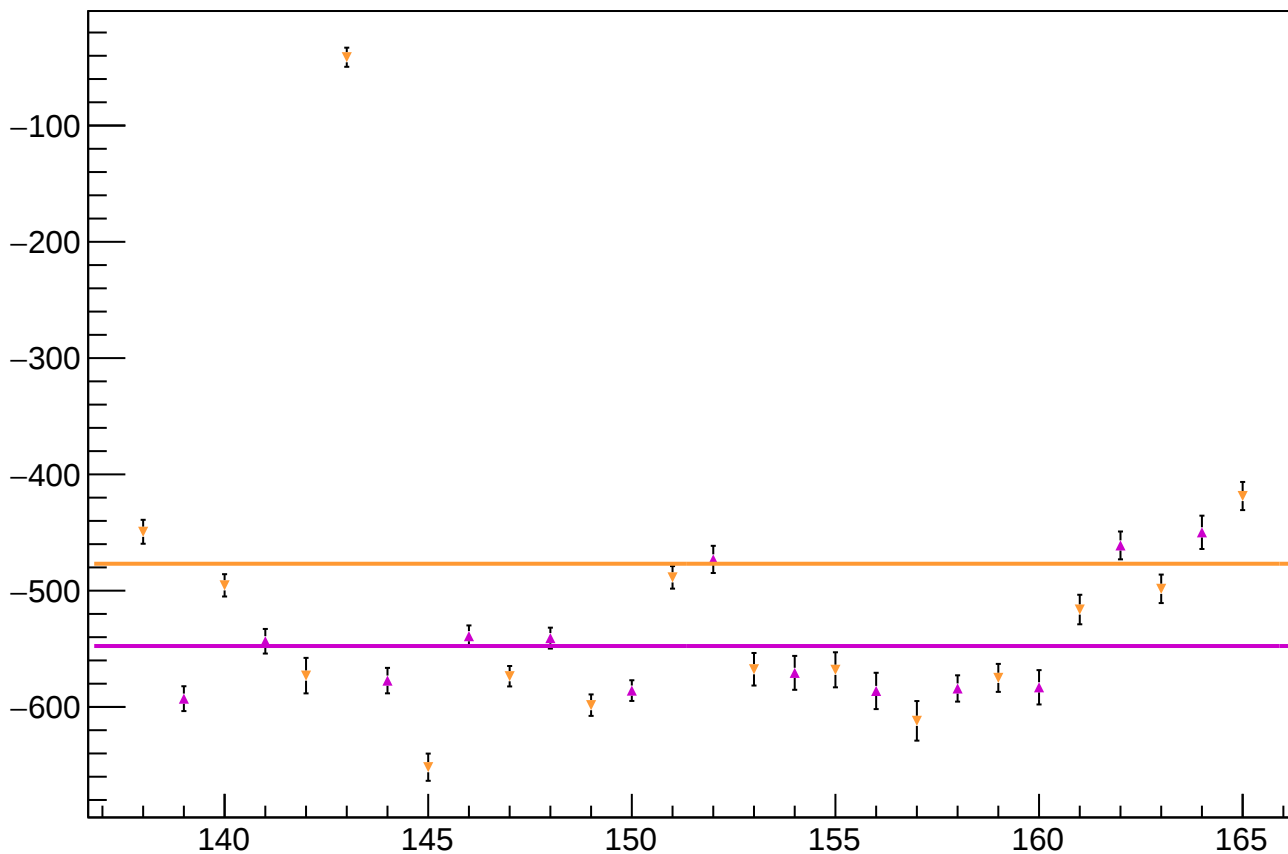
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -20.906 ± 0.026 $\chi^2/\text{NDF}: 731006.0/29$

Out: -21.185 ± 0.026 $\chi^2/\text{NDF}: 756740.5/33$

All: -21.048 ± 0.018 $\chi^2/\text{NDF}: 1487804.4/63$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -476.840+/-2.868 χ^2/NDF :3619.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -547.598+/-3.113 χ^2/NDF :209.7/12

Left: -509.324+/-2.109 χ^2/NDF : 4108.1/27

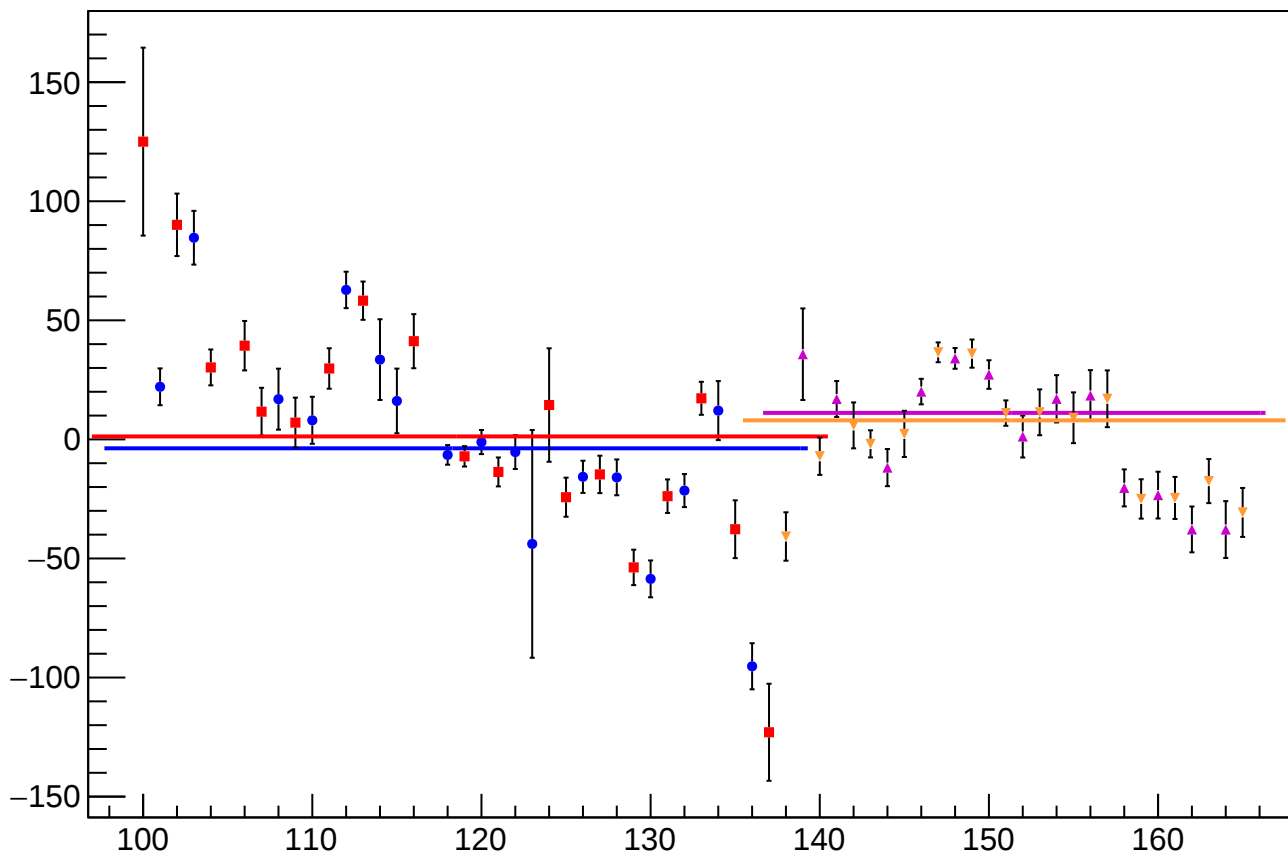
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -547.598+/-3.113 χ^2/NDF :209.7/12

Out: -476.840+/-2.868 χ^2/NDF :3619.0/14

All: -509.324+/-2.109 χ^2/NDF : 4108.1/27

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743+/-1.892 χ^2/NDF : 314.1/16

Left Out: 7.997+/-1.908 χ^2/NDF :152.0/14

Right Out: 1.241+/-1.916 χ^2/NDF : 303.5/18

Left In: 11.133+/-2.091 χ^2/NDF :122.2/12

Left: 9.422+/-1.409 χ^2/NDF : 275.5/27

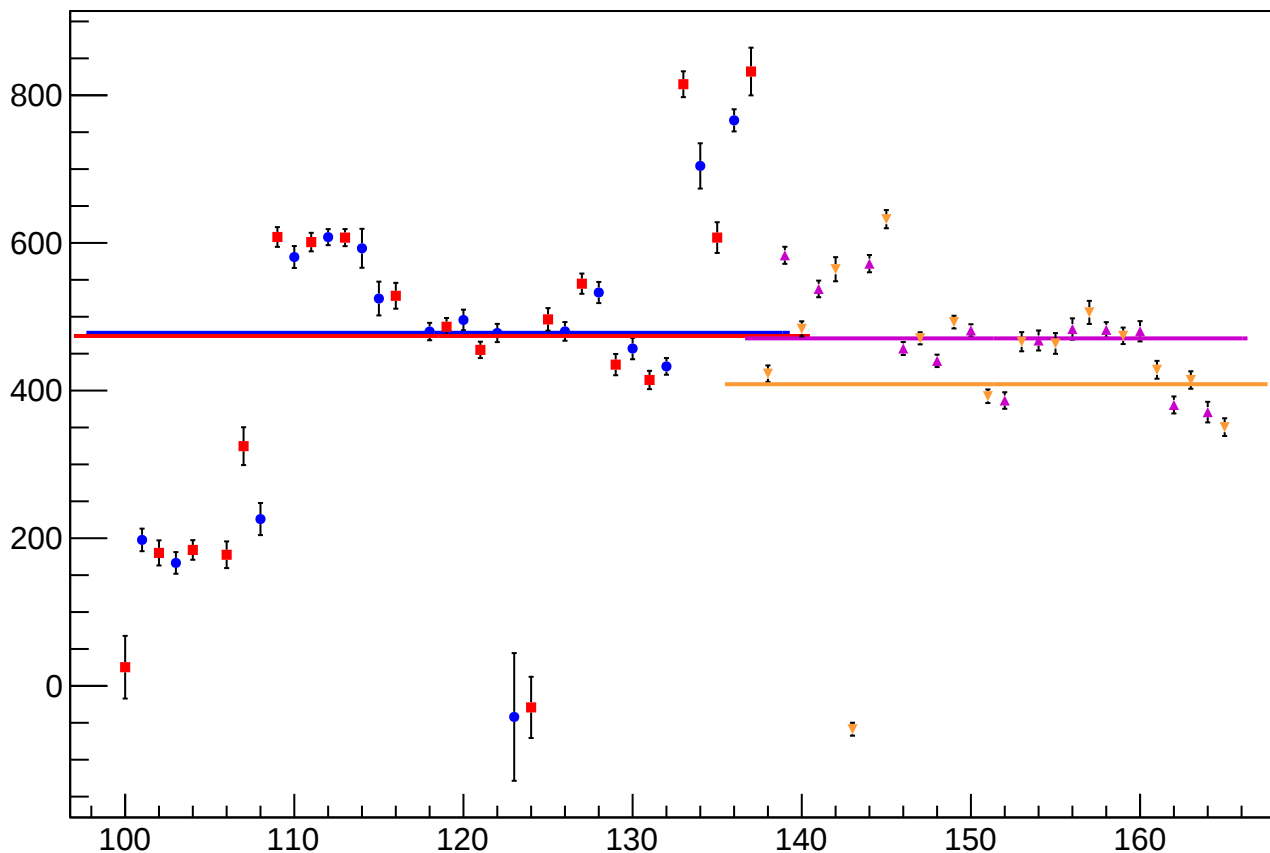
Right: -1.282+/-1.346 χ^2/NDF : 621.1/35

In: 2.954+/-1.403 χ^2/NDF :464.1/29

Out: 4.633+/-1.352 χ^2/NDF :461.8/33

All: 3.825+/-0.973 χ^2/NDF : 926.7/63

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 408.628+/-2.829 χ^2/NDF : 3603.6/14

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 470.693+/-3.023 χ^2/NDF : 393.4/12

Left: 437.601+/-2.066 χ^2/NDF : 4221.7/27

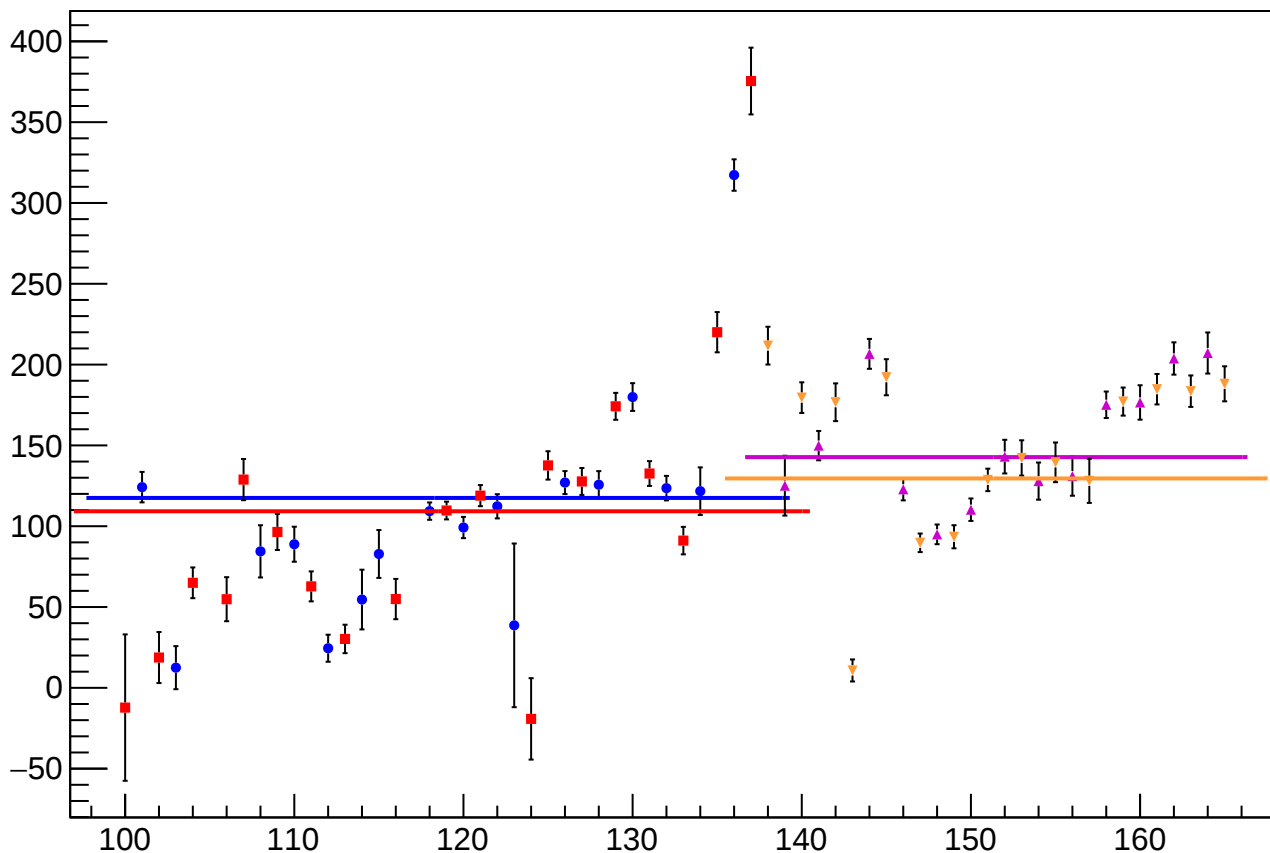
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 473.786+/-2.325 χ^2/NDF : 2023.9/29

Out: 434.190+/-2.207 χ^2/NDF : 6100.7/33

All: 452.959+/-1.601 χ^2/NDF : 8277.1/63

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: 129.556 $\pm$ 2.294 χ^2 /NDF:628.7/14

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 142.757 $\pm$ 2.507 χ^2 /NDF:232.3/12

Left: 135.573 $\pm$ 1.693 χ^2 /NDF: 876.2/27

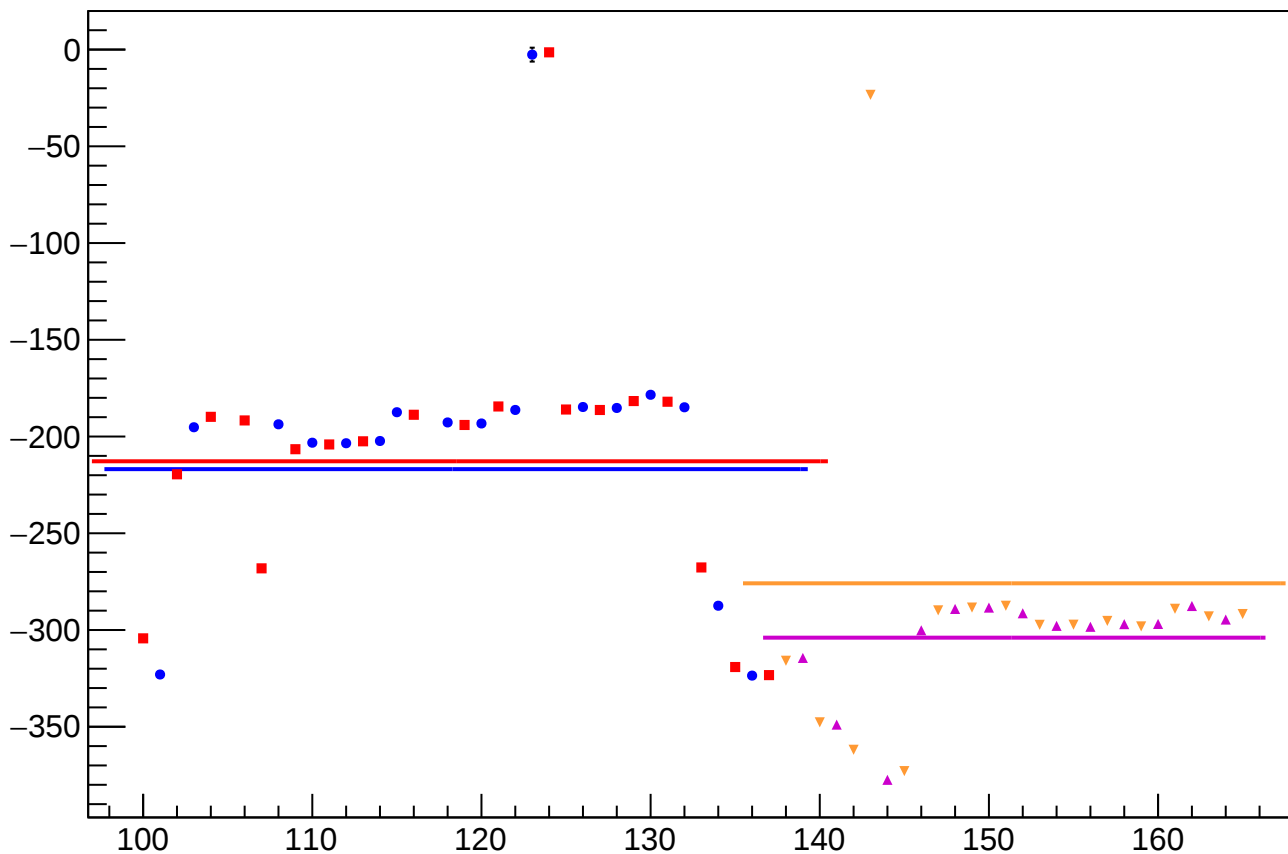
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 128.475 $\pm$ 1.653 χ^2 /NDF:995.7/29

Out: 119.001 $\pm$ 1.590 χ^2 /NDF:1238.9/33

All: 123.556 $\pm$ 1.146 χ^2 /NDF: 2251.6/63

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -275.868 ± 0.114 $\chi^2/\text{NDF}: 619836.2/14$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -303.958 ± 0.121 $\chi^2/\text{NDF}: 37843.5/12$

Left: -289.127 ± 0.083 $\chi^2/\text{NDF}: 686362.7/27$

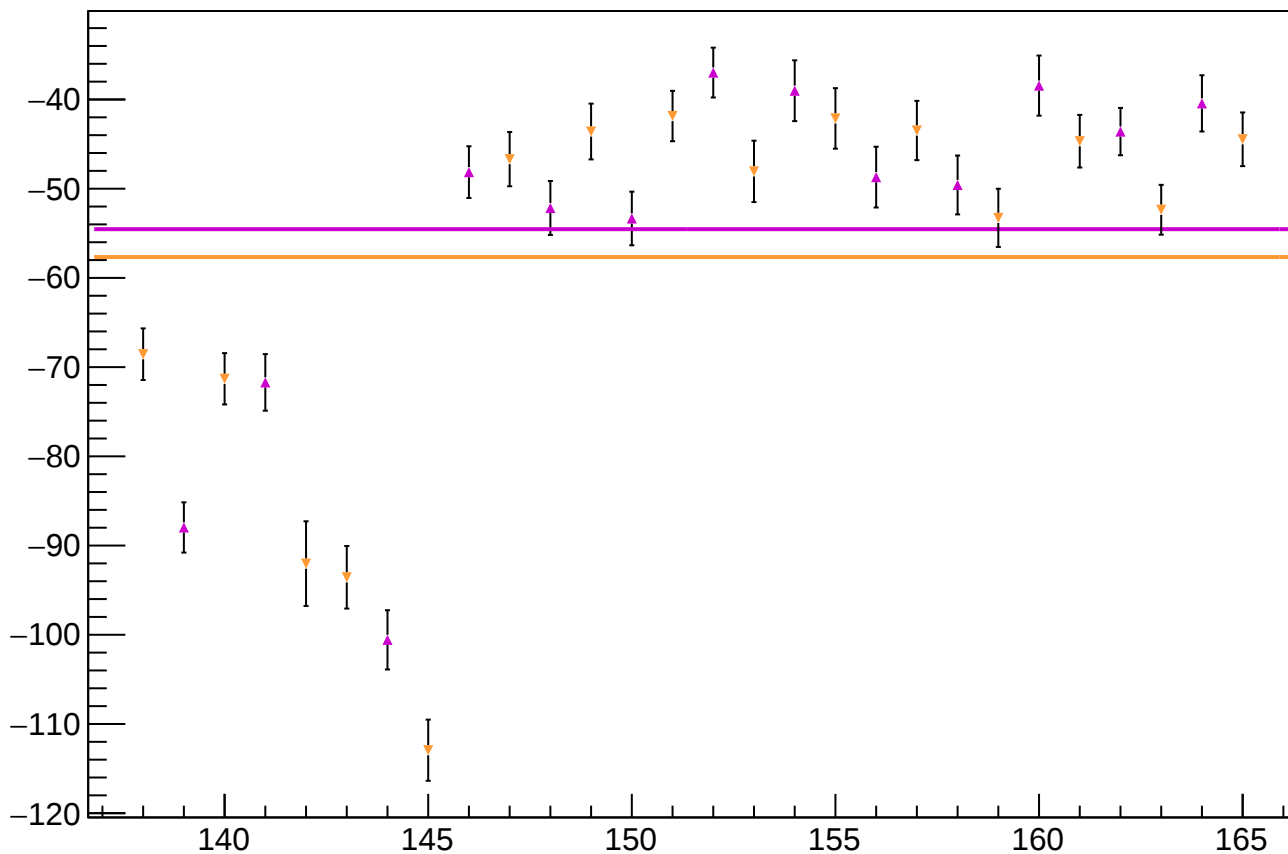
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -265.600 ± 0.090 $\chi^2/\text{NDF}: 414804.2/29$

Out: -248.479 ± 0.086 $\chi^2/\text{NDF}: 869480.7/33$

All: -256.607 ± 0.062 $\chi^2/\text{NDF}: 1303228.2/63$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



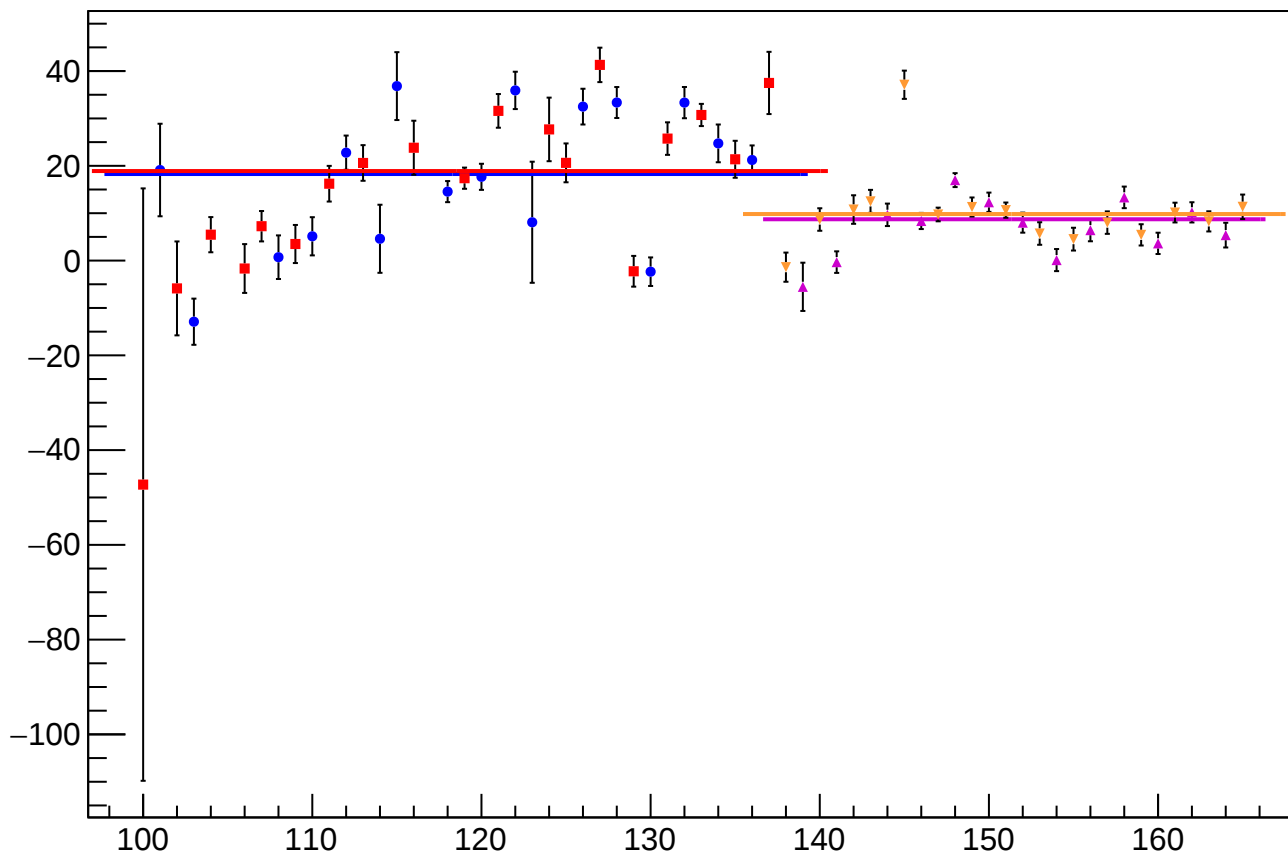
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.661+/-0.817 χ^2/NDF : 609.7/14
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.537+/-0.852 χ^2/NDF : 493.4/12

Left: -56.163+/-0.590 χ^2/NDF : 1110.0/27
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.537+/-0.852 χ^2/NDF : 493.4/12
 Out: -57.661+/-0.817 χ^2/NDF : 609.7/14

All: -56.163+/-0.590 χ^2/NDF : 1110.0/27

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.824 ± 0.566 χ^2/NDF : 112.6/14

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.719 ± 0.597 χ^2/NDF : 84.7/12

Left: 9.301 ± 0.411 χ^2/NDF : 199.0/27

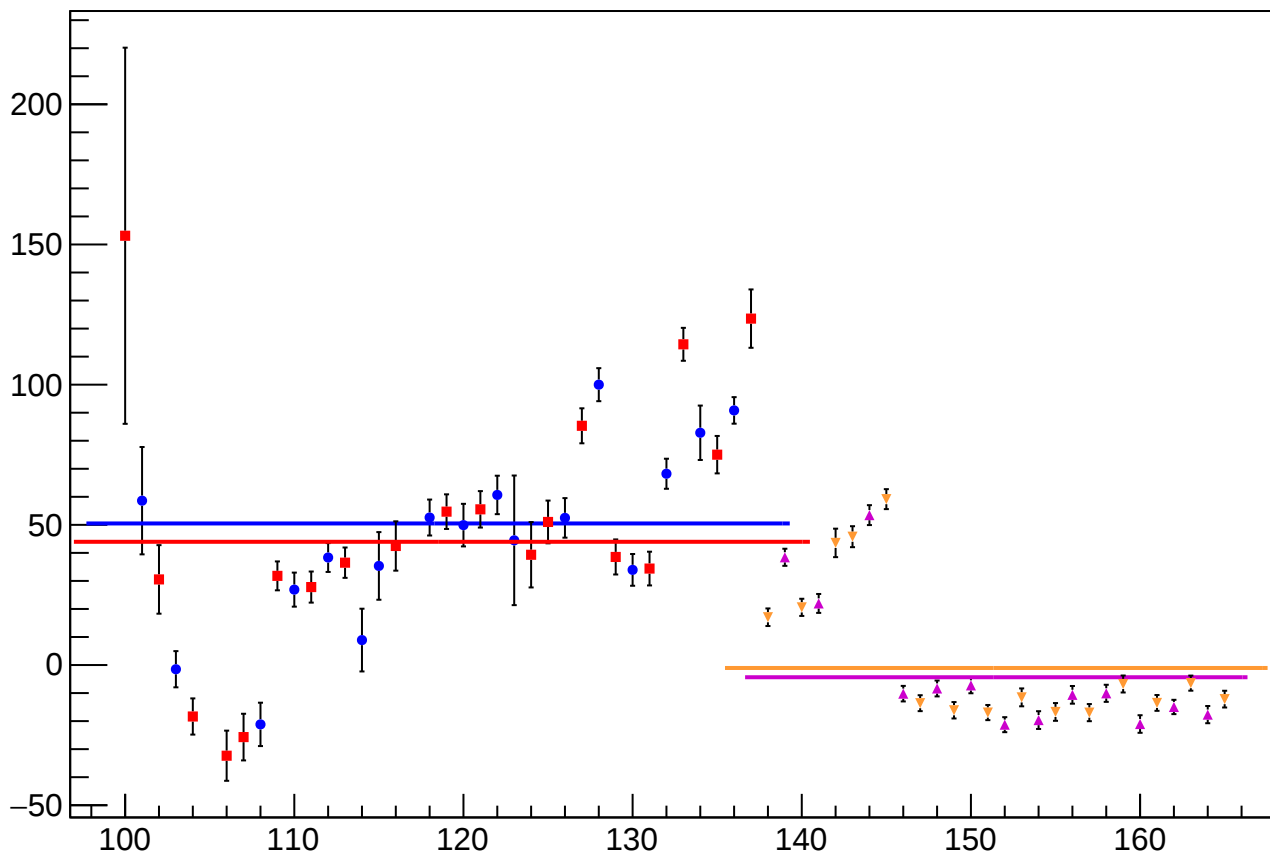
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.608 ± 0.499 χ^2/NDF : 370.3/29

Out: 12.550 ± 0.474 χ^2/NDF : 388.9/33

All: 12.103 ± 0.343 χ^2/NDF : 761.1/63

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: -1.050 $\pm$ 0.799 χ^2 /NDF: 787.3/14

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -4.354 $\pm$ 0.826 χ^2 /NDF: 665.7/12

Left: -2.647 $\pm$ 0.574 χ^2 /NDF: 1461.2/27

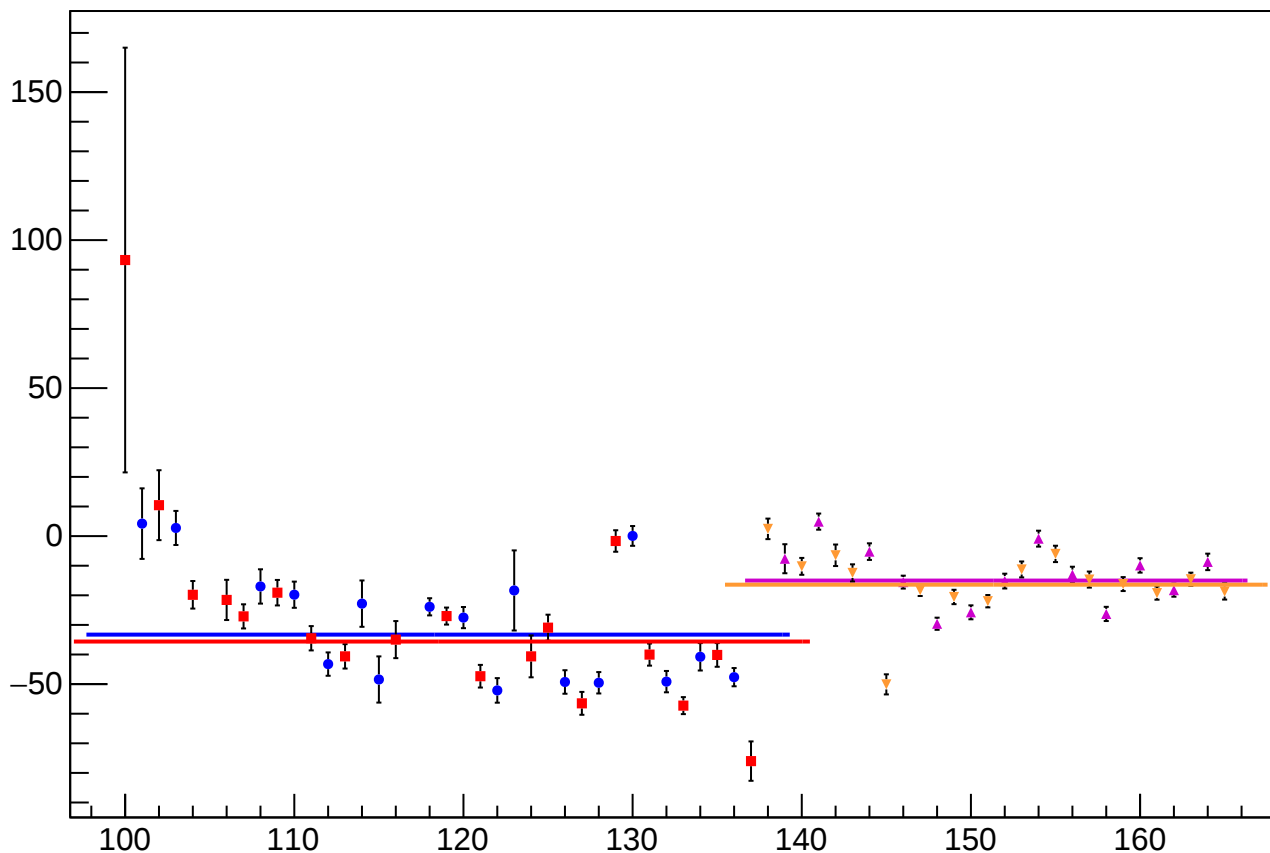
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 6.423 $\pm$ 0.741 χ^2 /NDF: 1894.8/29

Out: 7.912 $\pm$ 0.715 χ^2 /NDF: 1952.9/33

All: 7.193 $\pm$ 0.515 χ^2 /NDF: 3849.8/63

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: -16.408 ± 0.665 $\chi^2/\text{NDF}: 174.0/14$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -15.022 ± 0.700 $\chi^2/\text{NDF}: 200.8/12$

Left: -15.750 ± 0.482 $\chi^2/\text{NDF}: 376.9/27$

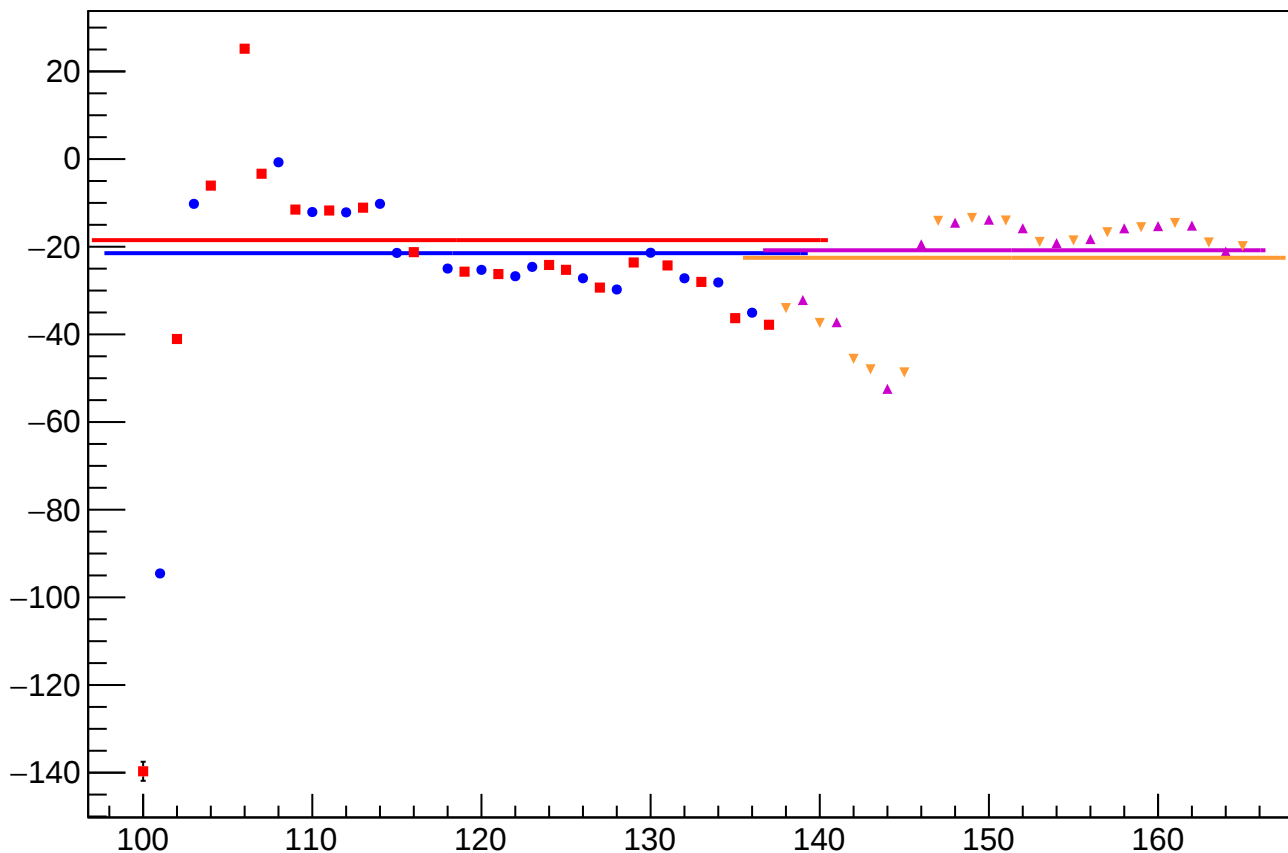
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -20.751 ± 0.580 $\chi^2/\text{NDF}: 707.4/29$

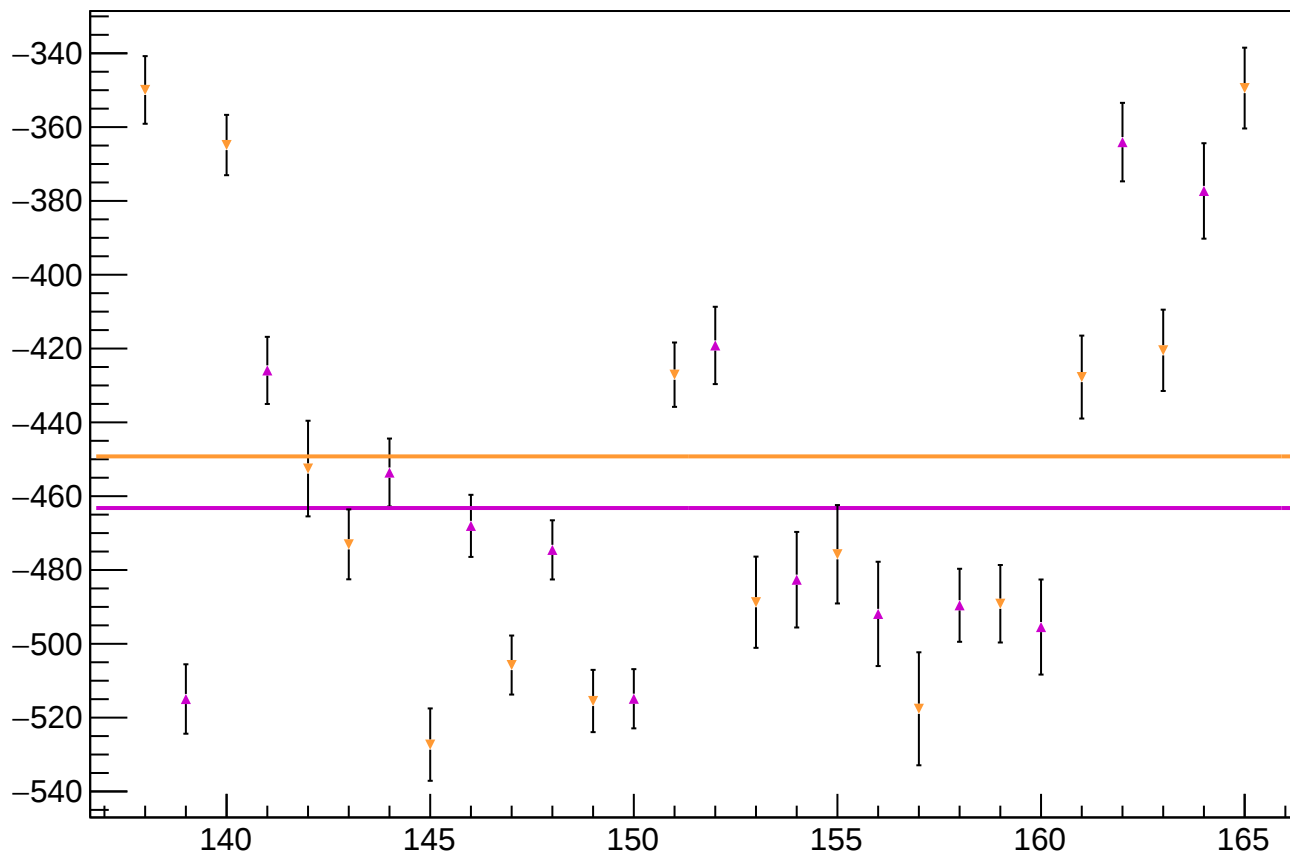
Out: -22.362 ± 0.553 $\chi^2/\text{NDF}: 720.3/33$

All: -21.595 ± 0.400 $\chi^2/\text{NDF}: 1431.8/63$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.220+/-2.606 χ^2/NDF :554.0/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -463.210+/-2.757 χ^2/NDF :260.4/12

Left: -455.822+/-1.894 χ^2/NDF : 828.0/27

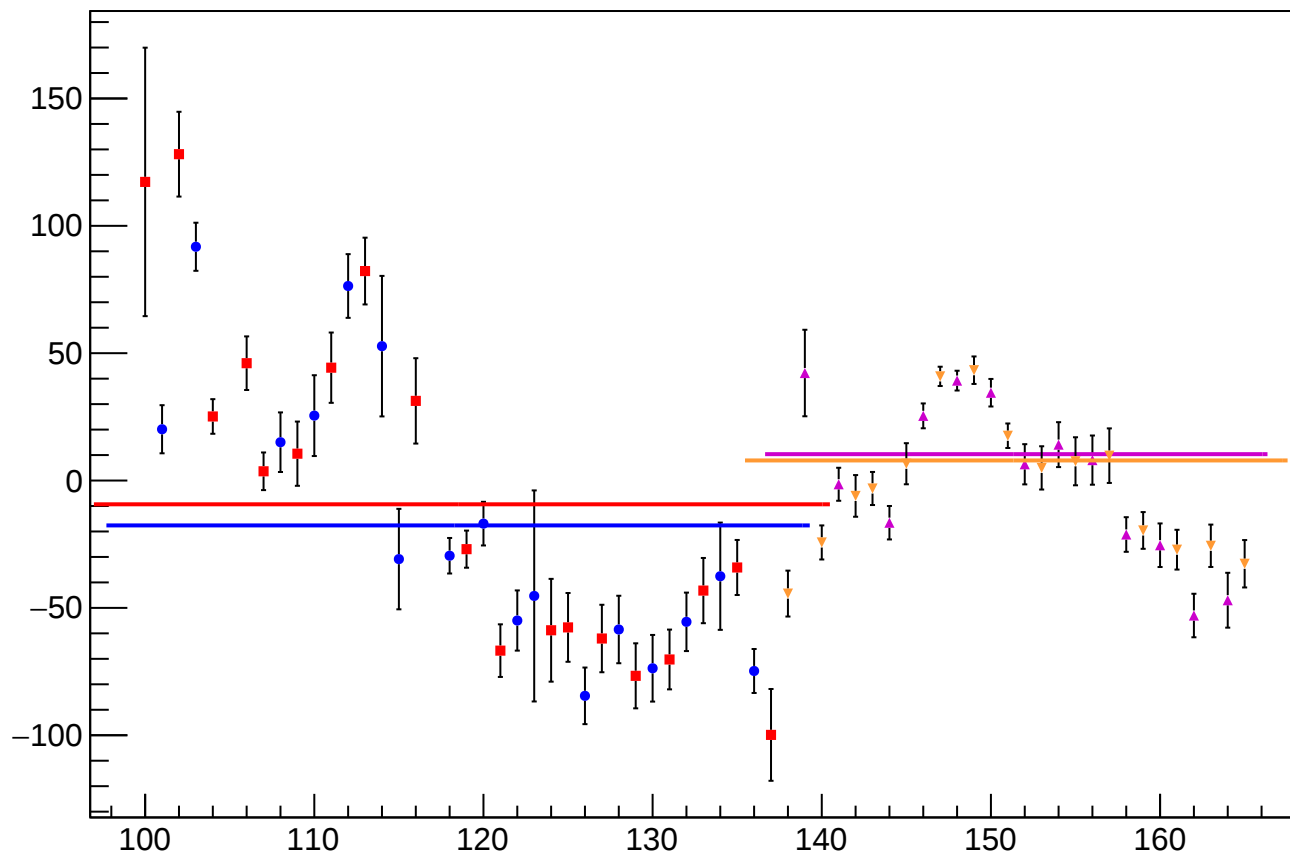
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.210+/-2.757 χ^2/NDF :260.4/12

Out: -449.220+/-2.606 χ^2/NDF :554.0/14

All: -455.822+/-1.894 χ^2/NDF : 828.0/27

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 7.888 ± 1.737 χ^2/NDF : 255.8/14

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 10.357 ± 1.856 χ^2/NDF : 231.2/12

Left: 9.041 ± 1.268 χ^2/NDF : 487.9/27

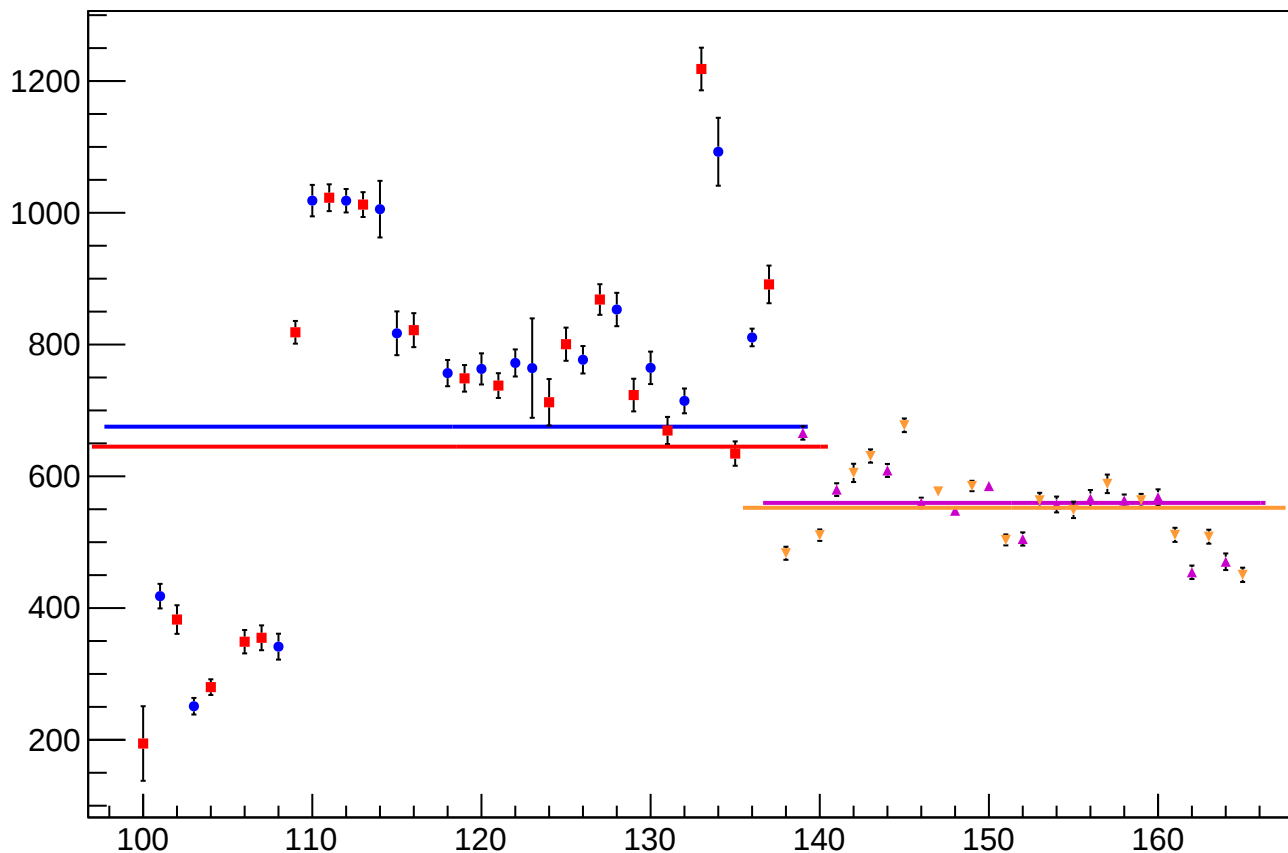
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: 1.758 ± 1.545 χ^2/NDF : 663.1/29

Out: 2.600 ± 1.446 χ^2/NDF : 652.4/33

All: 2.207 ± 1.056 χ^2/NDF : 1315.6/63

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 552.222 ± 2.566 χ^2/NDF : 484.2/14

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

Left In: 559.654 ± 2.682 χ^2/NDF : 339.0/12

Left: 555.774 ± 1.854 χ^2/NDF : 827.2/27

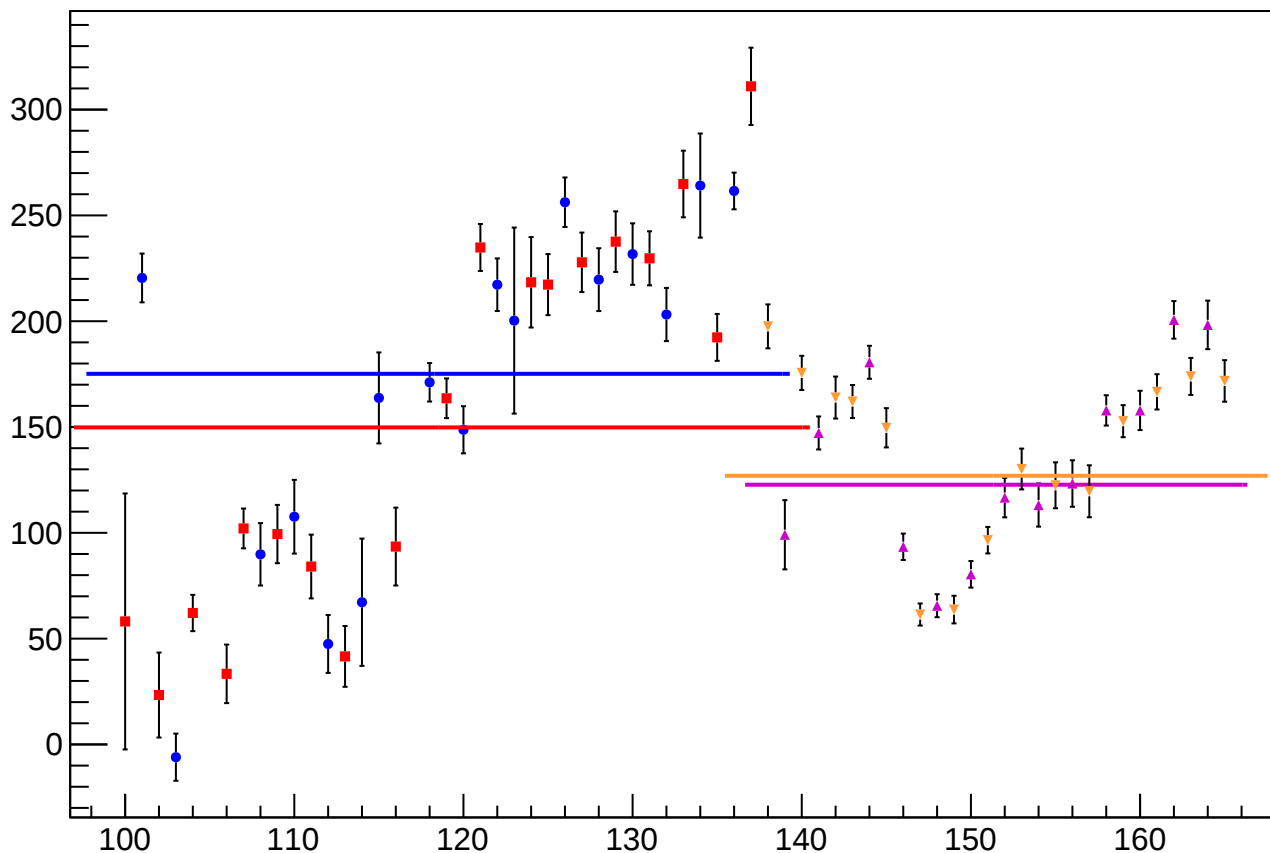
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 585.133 ± 2.368 χ^2/NDF : 3331.6/29

Out: 573.131 ± 2.258 χ^2/NDF : 3901.7/33

All: 578.848 ± 1.634 χ^2/NDF : 7246.8/63

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: 126.956 $\pm$ 2.087 χ^2 /NDF:482.0/14

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 122.731 $\pm$ 2.224 χ^2 /NDF:405.4/12

Left: 124.977 $\pm$ 1.522 χ^2 /NDF: 889.3/27

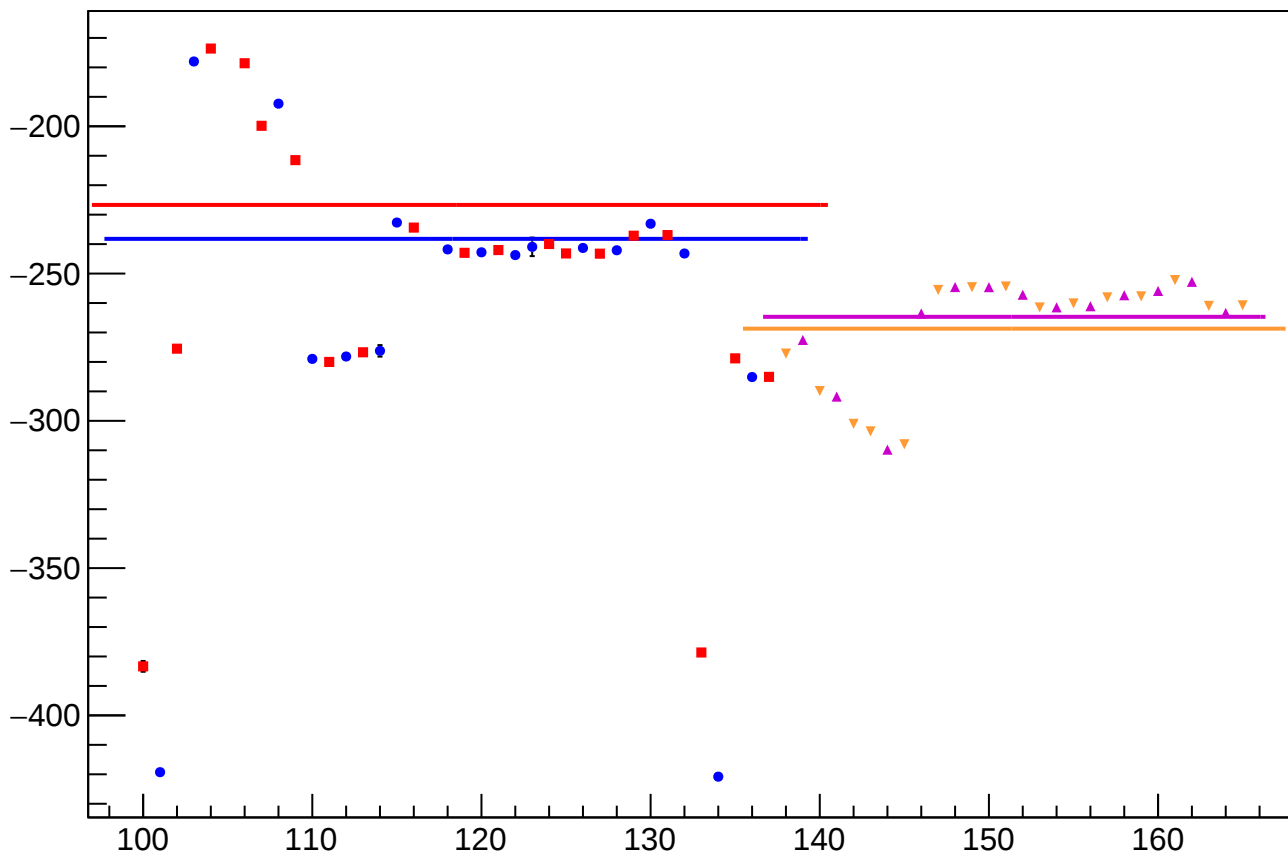
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 139.730 $\pm$ 1.828 χ^2 /NDF:1221.2/29

Out: 134.278 $\pm$ 1.721 χ^2 /NDF:1208.9/33

All: 136.840 $\pm$ 1.253 χ^2 /NDF: 2434.8/63

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -268.705+/-0.103 χ^2/NDF : 32719.9/14

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -264.685+/-0.107 χ^2/NDF : 20461.6/12

Left: -266.763+/-0.074 χ^2/NDF : 53913.2/27

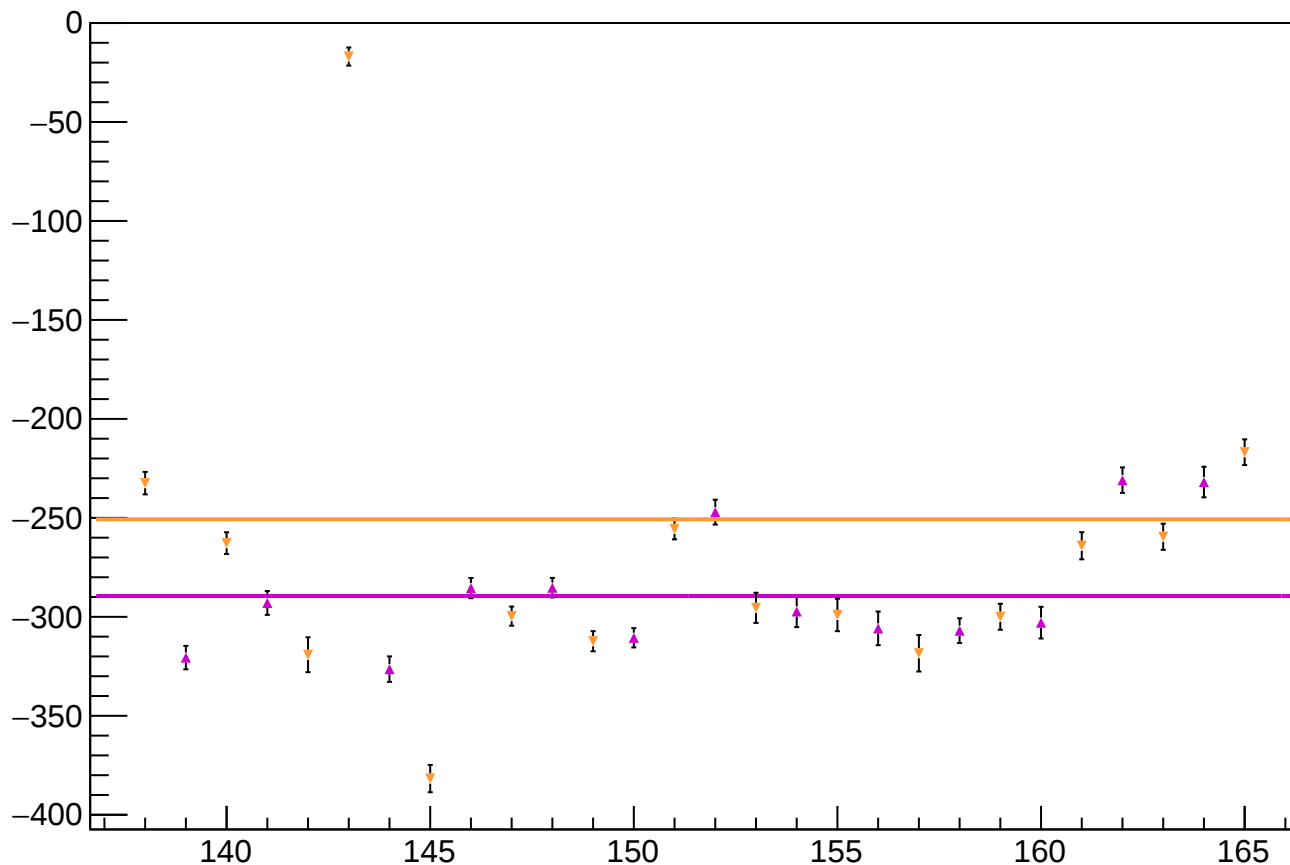
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.526+/-0.089 χ^2/NDF : 206475.7/29

Out: -255.320+/-0.085 χ^2/NDF : 188233.5/33

All: -255.898+/-0.062 χ^2/NDF : 394805.2/63

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -250.747 $\pm$ 1.584 χ^2/NDF :3523.9/14

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -289.466 $\pm$ 1.718 χ^2/NDF :280.0/12

Left: -268.535 $\pm$ 1.164 χ^2/NDF : 4078.5/27

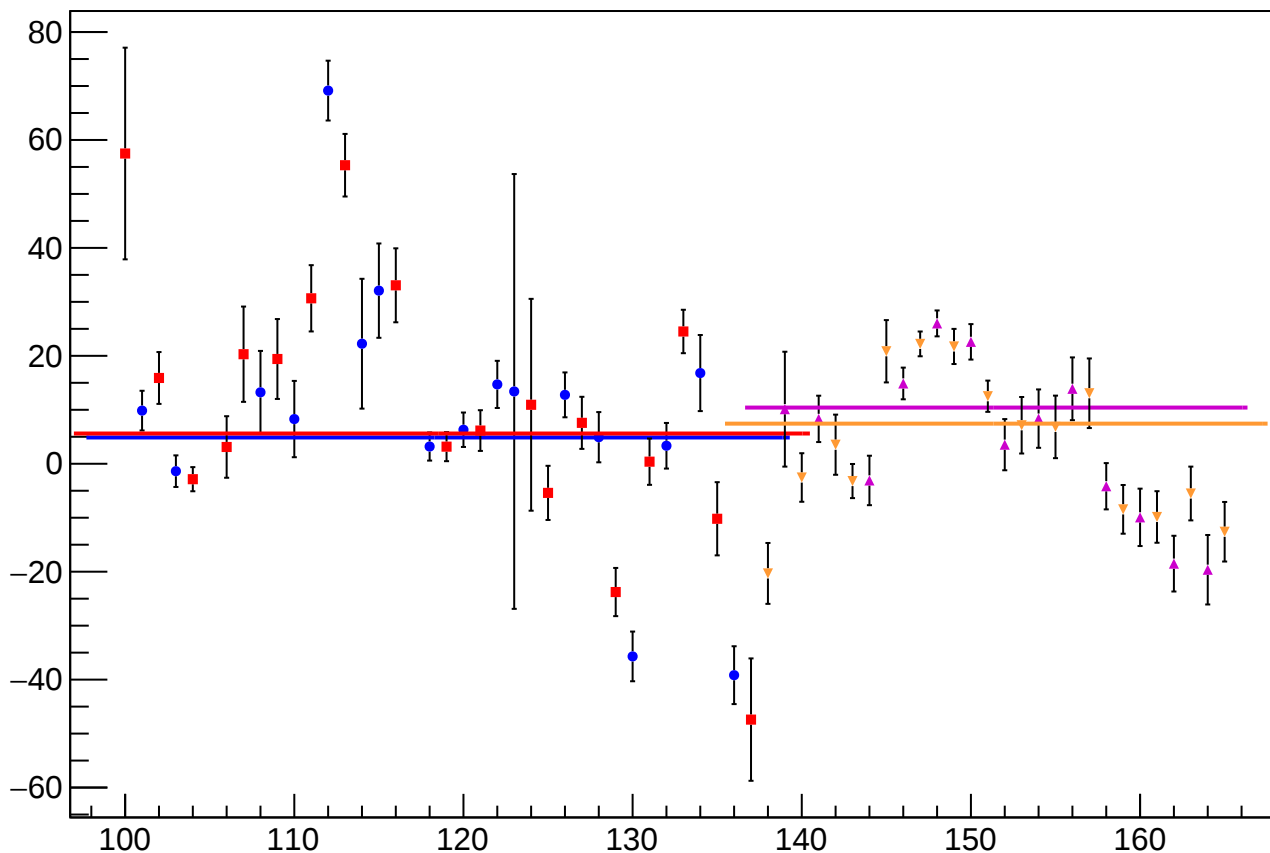
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -289.466 $\pm$ 1.718 χ^2/NDF :280.0/12

Out: -250.747 $\pm$ 1.584 χ^2/NDF :3523.9/14

All: -268.535 $\pm$ 1.164 χ^2/NDF : 4078.5/27

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 7.434 ± 1.052 χ^2/NDF : 156.4/14

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 10.412 ± 1.153 χ^2/NDF : 149.1/12

Left: 8.787 ± 0.777 χ^2/NDF : 309.1/27

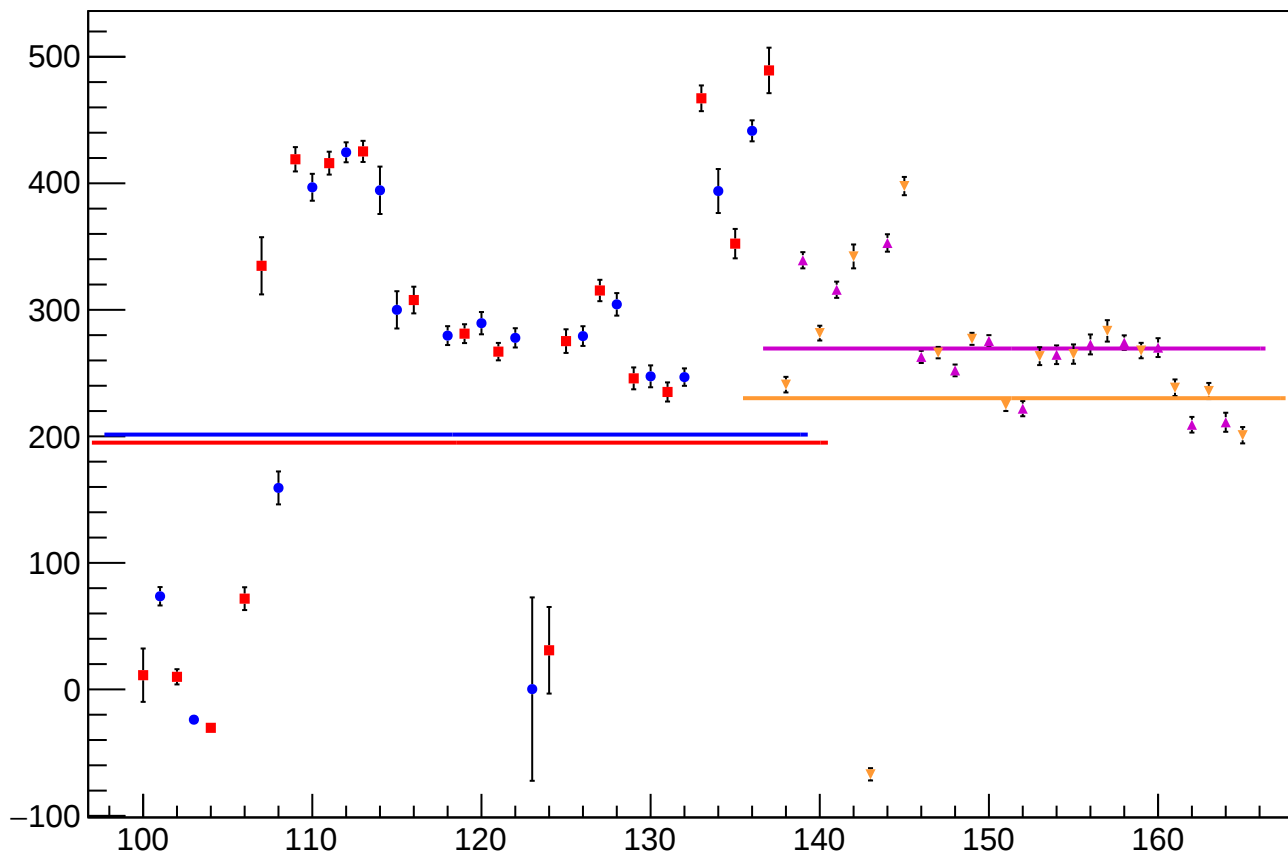
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 7.487 ± 0.792 χ^2/NDF : 472.9/29

Out: 6.534 ± 0.750 χ^2/NDF : 396.4/33

All: 6.985 ± 0.545 χ^2/NDF : 870.0/63

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: 230.168 $\pm$ 1.559 χ^2 /NDF:4796.3/14

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 269.430 $\pm$ 1.665 χ^2 /NDF:553.3/12

Left: 248.506 $\pm$ 1.138 χ^2 /NDF: 5645.7/27

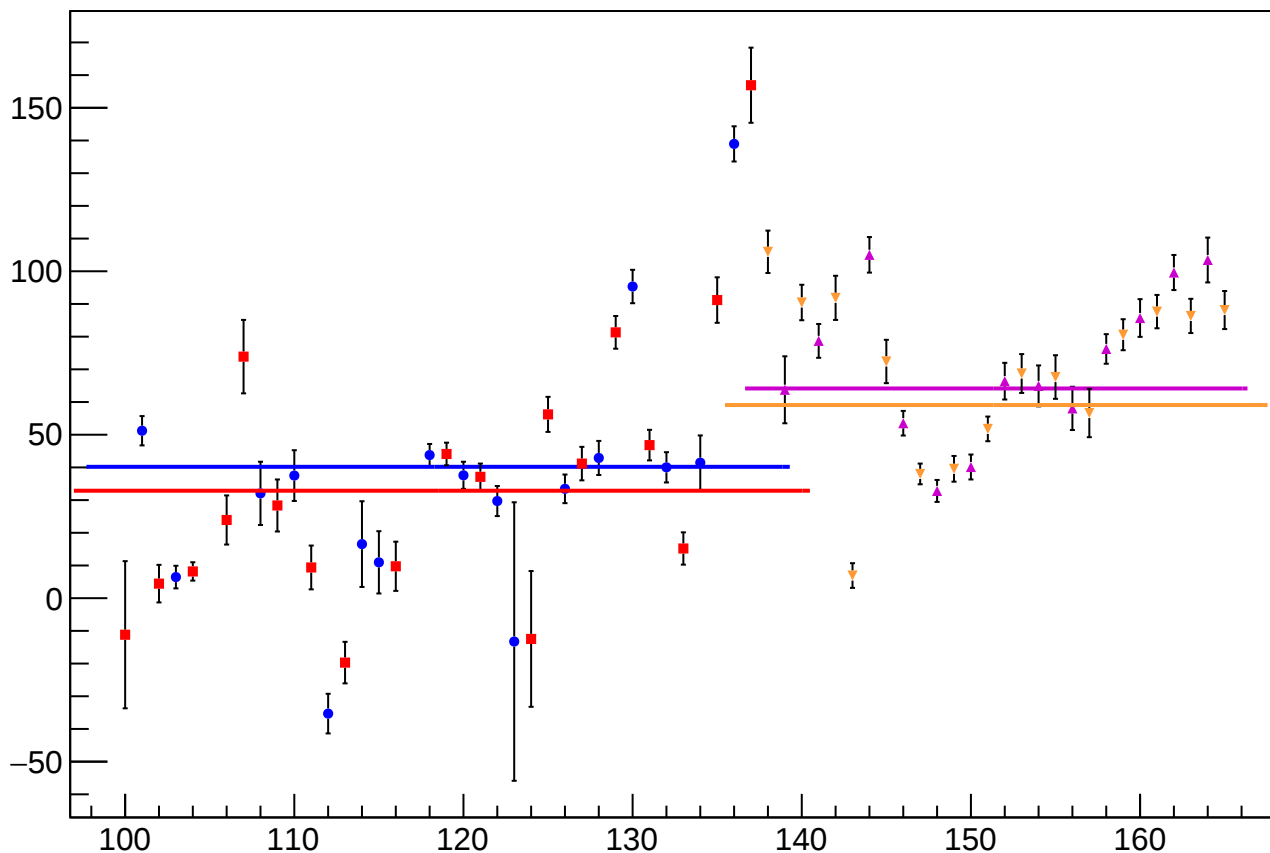
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 241.139 $\pm$ 1.273 χ^2 /NDF:7987.5/29

Out: 216.231 $\pm$ 1.211 χ^2 /NDF:13252.5/33

All: 228.066 $\pm$ 0.877 χ^2 /NDF: 21441.0/63

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 59.082+/-1.265 χ^2/NDF : 484.8/14

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 64.148+/-1.382 χ^2/NDF : 297.8/12

Left: 61.391+/-0.933 χ^2/NDF : 789.9/27

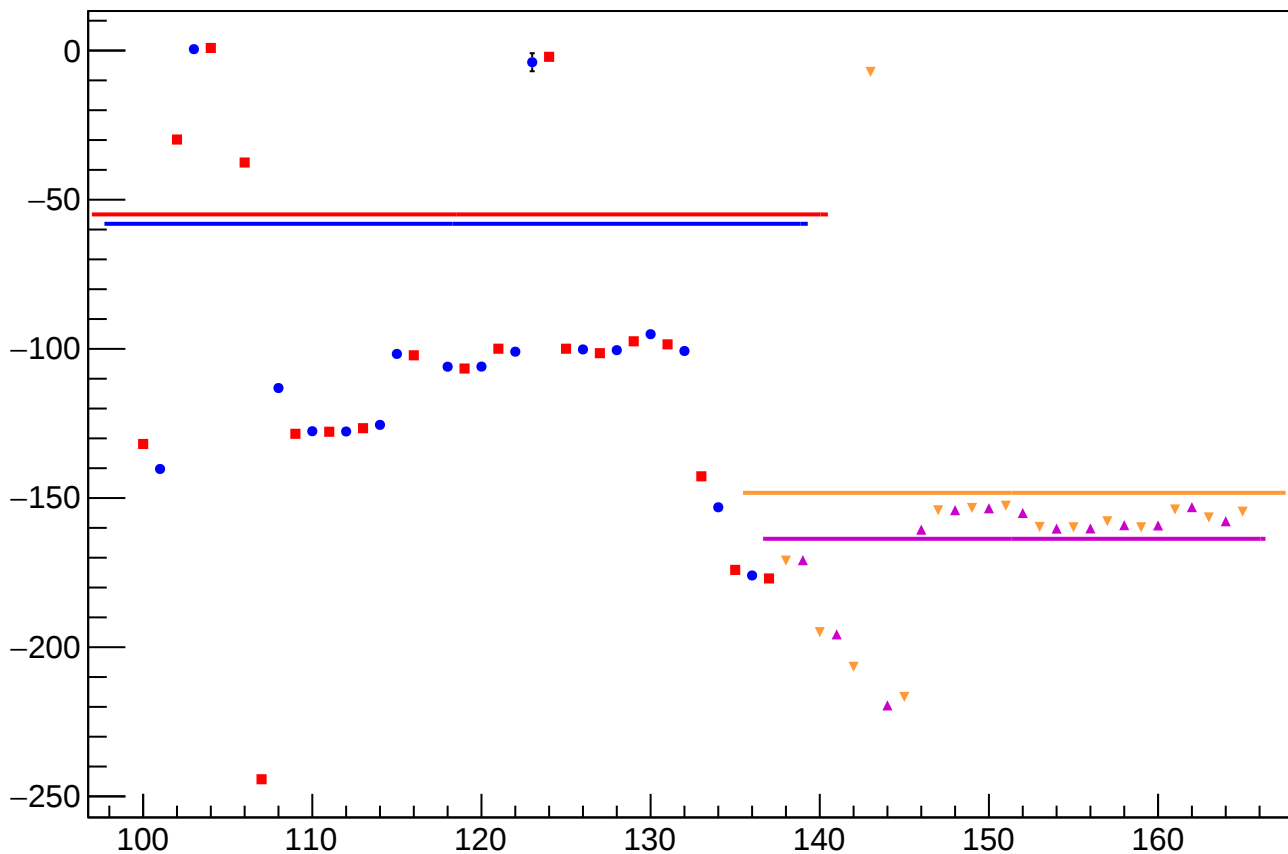
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 51.155+/-0.935 χ^2/NDF : 1194.8/29

Out: 45.833+/-0.889 χ^2/NDF : 1252.9/33

All: 48.361+/-0.644 χ^2/NDF : 2464.8/63

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -148.253 ± 0.063 $\chi^2/\text{NDF}: 656731.3/14$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -163.660 ± 0.066 $\chi^2/\text{NDF}: 60393.5/12$

Left: -155.528 ± 0.046 $\chi^2/\text{NDF}: 745612.7/27$

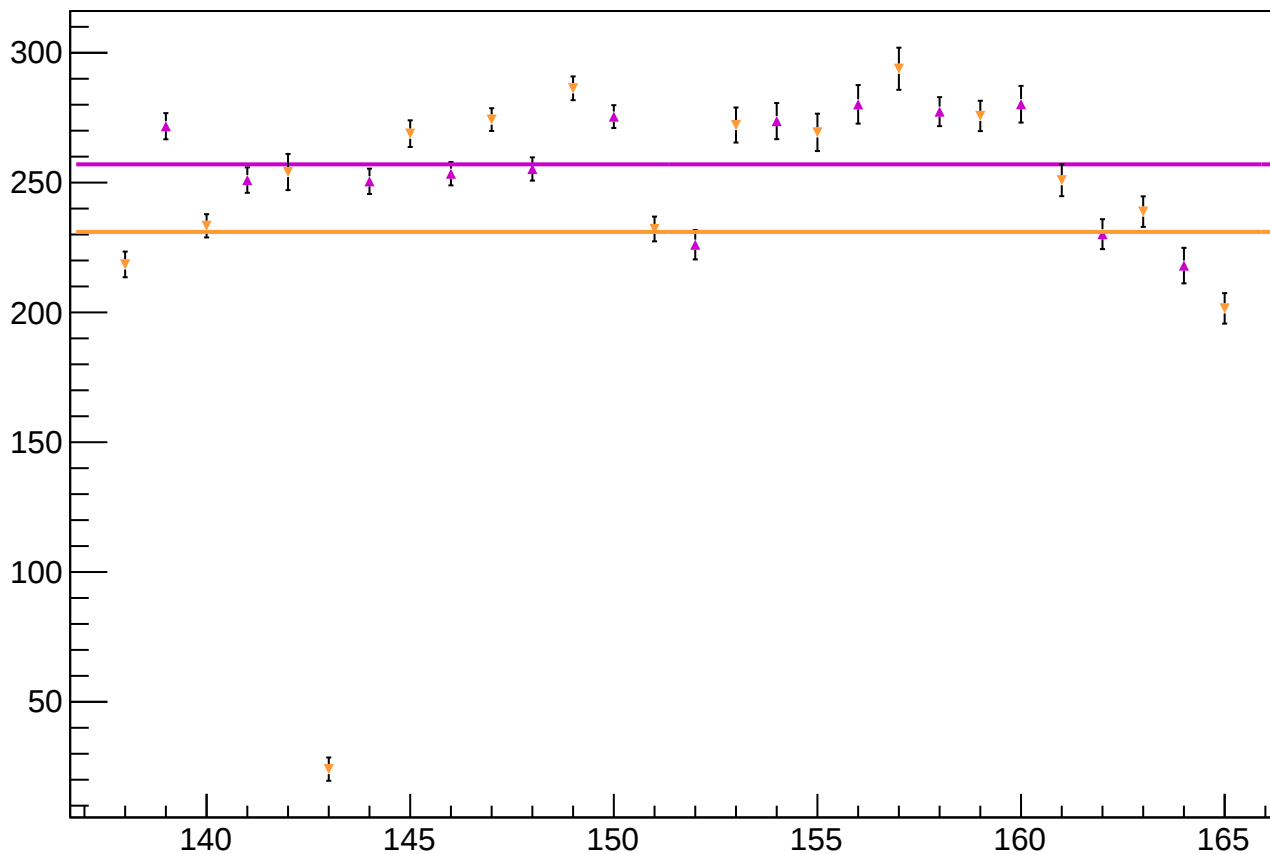
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -106.999 ± 0.045 $\chi^2/\text{NDF}: 2525172.1/29$

Out: -99.677 ± 0.043 $\chi^2/\text{NDF}: 2812895.2/33$

All: -103.197 ± 0.031 $\chi^2/\text{NDF}: 5351728.9/63$

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: 231.002+/-1.397 χ^2/NDF :2659.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 257.031+/-1.494 χ^2/NDF :153.7/12

Left: 243.139+/-1.020 χ^2/NDF : 2975.0/27

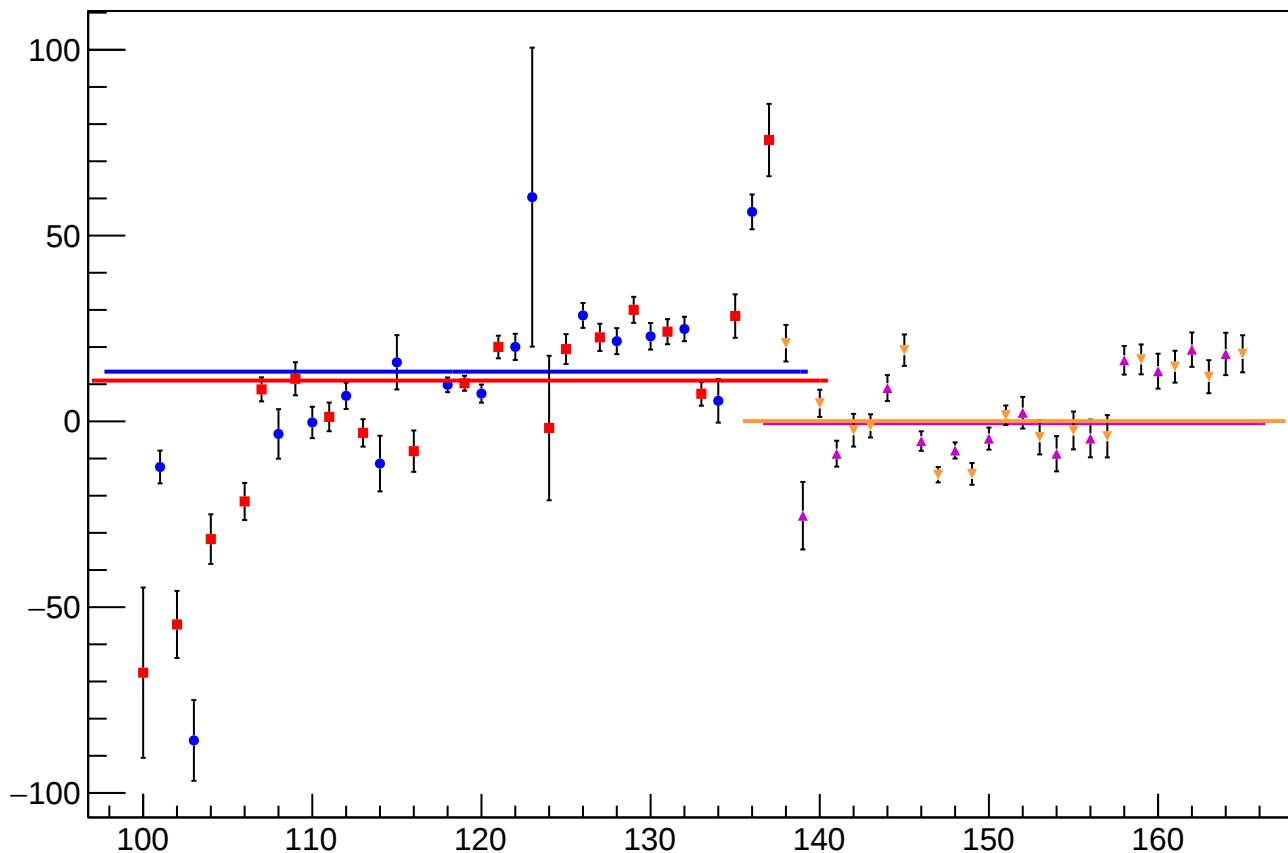
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.031+/-1.494 χ^2/NDF :153.7/12

Out: 231.002+/-1.397 χ^2/NDF :2659.3/14

All: 243.139+/-1.020 χ^2/NDF : 2975.0/27

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 0.070 ± 0.936 $\chi^2/\text{NDF}: 163.4/14$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -0.499 ± 1.012 $\chi^2/\text{NDF}: 98.6/12$

Left: -0.193 ± 0.687 $\chi^2/\text{NDF}: 262.1/27$

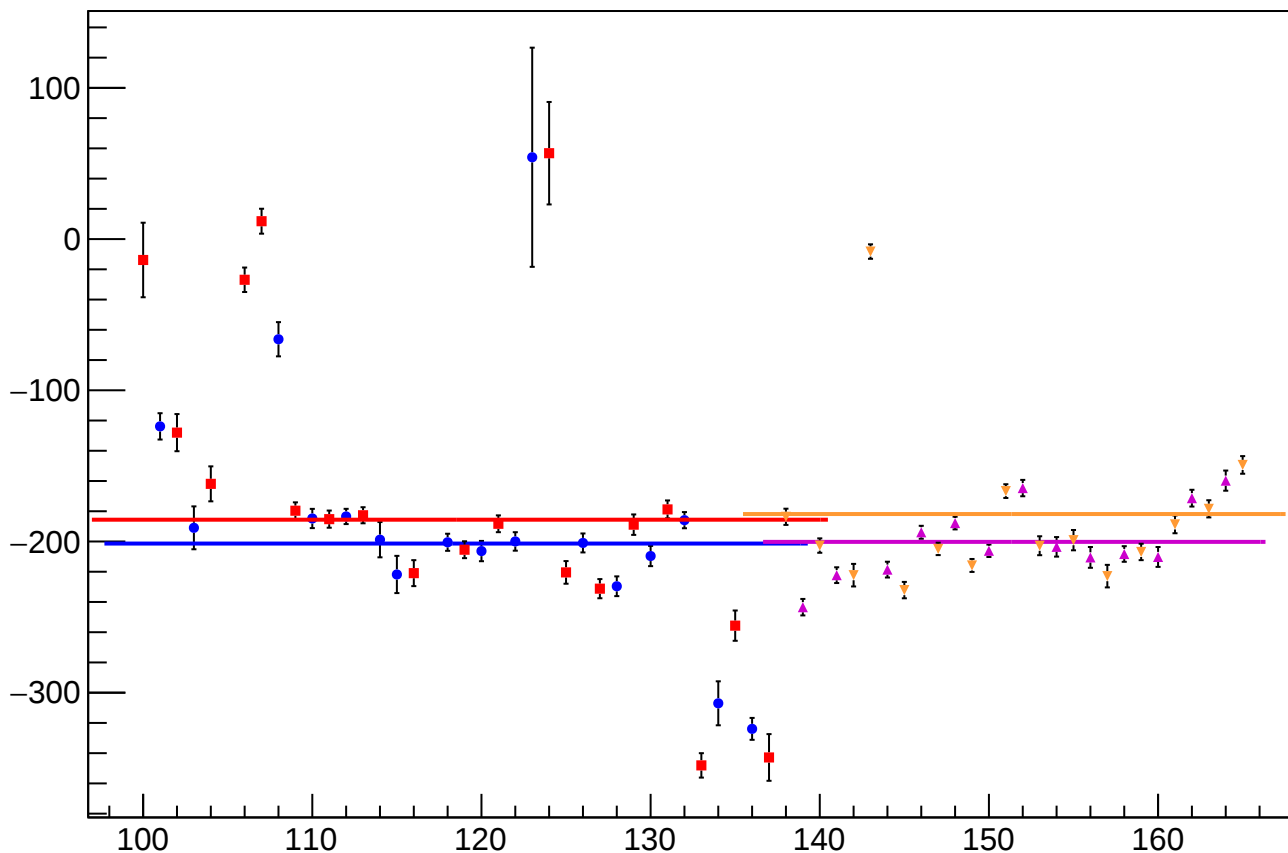
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 7.093 ± 0.681 $\chi^2/\text{NDF}: 495.6/29$

Out: 5.648 ± 0.654 $\chi^2/\text{NDF}: 536.8/33$

All: 6.342 ± 0.472 $\chi^2/\text{NDF}: 1034.8/63$

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: -181.845 ± 1.379 χ^2/NDF : 1655.7/14

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -200.254 ± 1.455 χ^2/NDF : 220.5/12

Left: -190.552 ± 1.001 χ^2/NDF : 1960.5/27

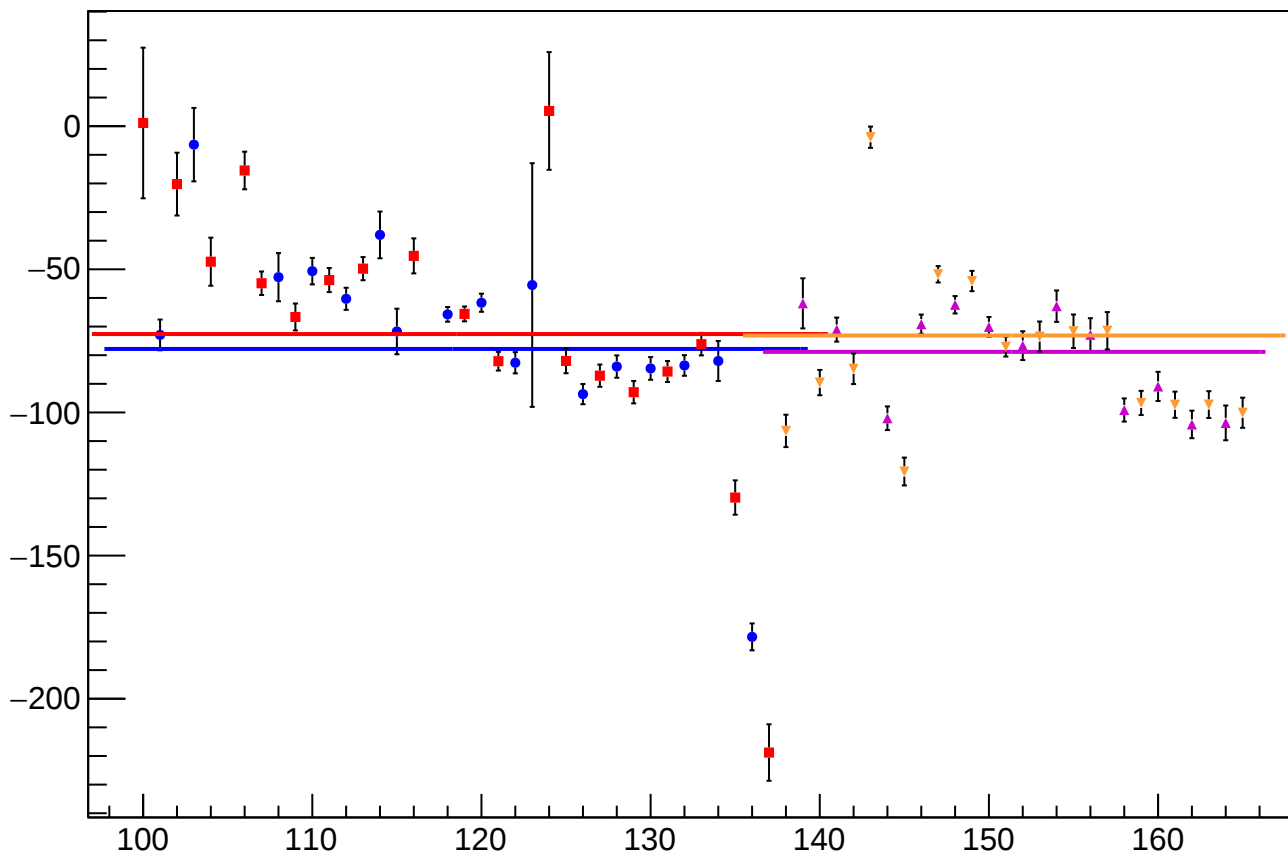
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -200.699 ± 1.128 χ^2/NDF : 845.7/29

Out: -183.331 ± 1.071 χ^2/NDF : 3406.8/33

All: -191.565 ± 0.776 χ^2/NDF : 4377.3/63

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16

Left Out: -73.113 $\pm$ 1.123 χ^2/NDF :693.4/14

Right Out: -72.616 $\pm$ 1.053 χ^2/NDF : 606.8/18

Left In: -78.838 $\pm$ 1.210 χ^2/NDF :167.8/12

Left: -75.761 $\pm$ 0.823 χ^2/NDF : 873.2/27

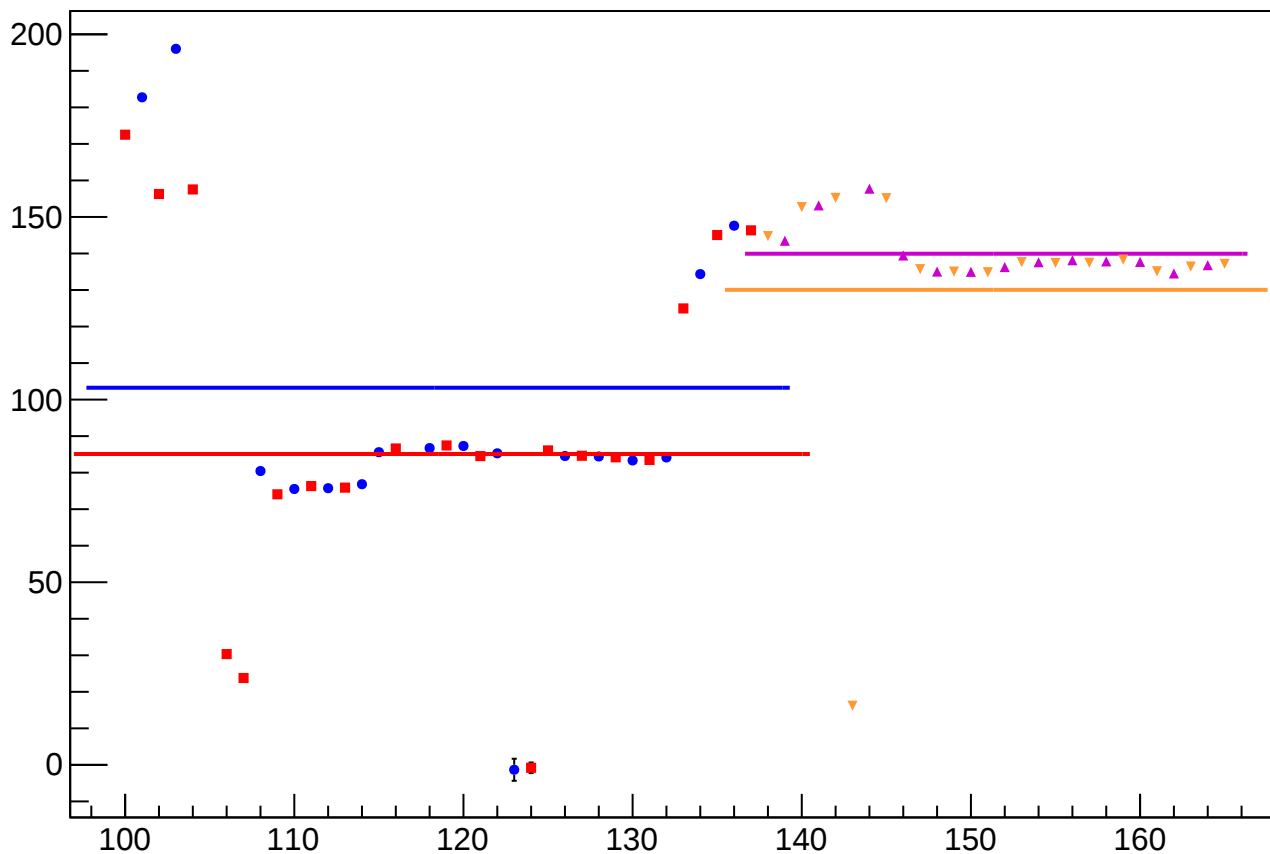
Right: -75.179 $\pm$ 0.750 χ^2/NDF : 1275.2/35

In: -78.264 $\pm$ 0.801 χ^2/NDF :824.5/29

Out: -72.849 $\pm$ 0.768 χ^2/NDF :1300.4/33

All: -75.443 $\pm$ 0.554 χ^2/NDF : 2148.7/63

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: 130.049 $\pm$ 0.055 χ^2 /NDF: 397401.4/14

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 139.938 $\pm$ 0.058 χ^2 /NDF: 13325.0/12

Left: 134.770 $\pm$ 0.040 χ^2 /NDF: 425931.5/27

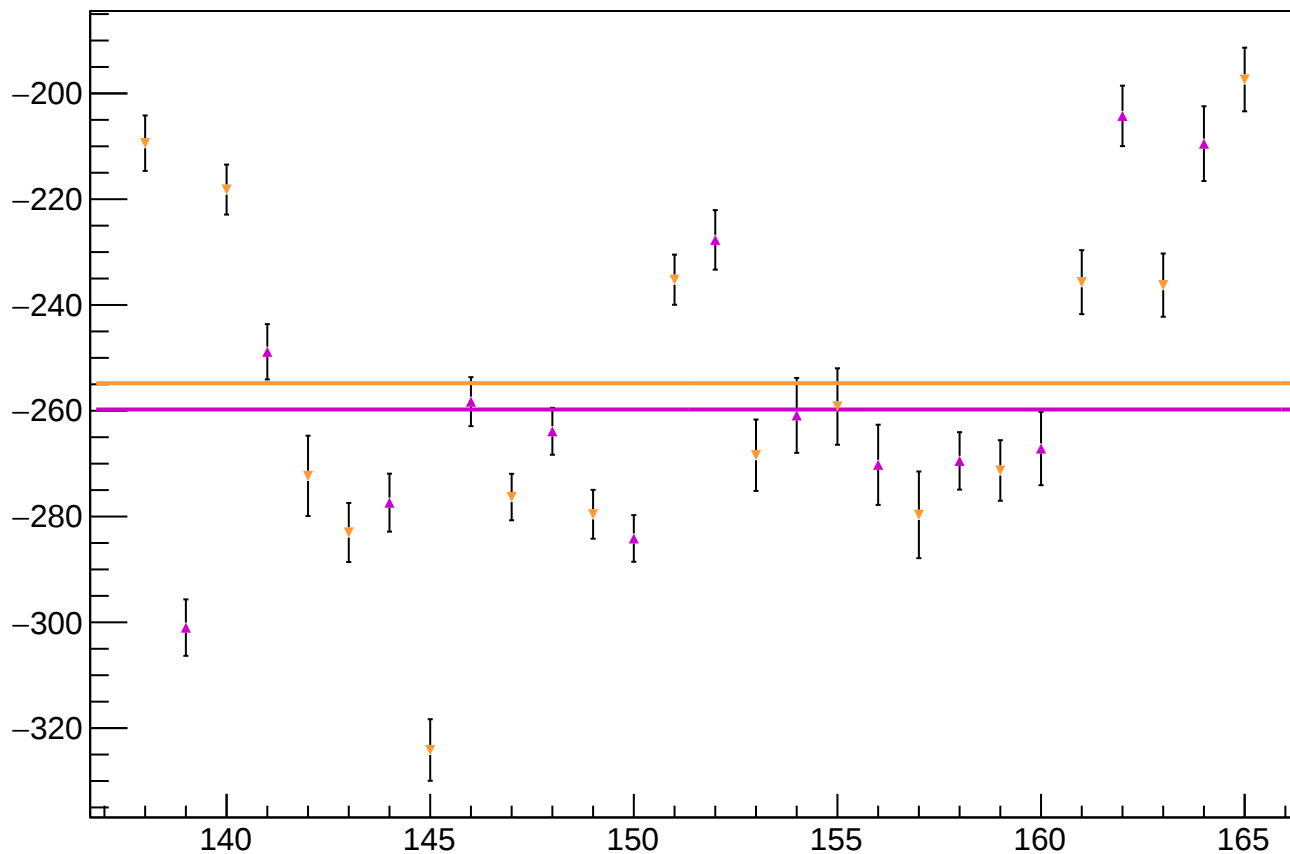
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 125.126 $\pm$ 0.045 χ^2 /NDF: 448414.9/29

Out: 110.692 $\pm$ 0.042 χ^2 /NDF: 1104256.5/33

All: 117.417 $\pm$ 0.031 χ^2 /NDF: 1608196.4/63

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: -254.788+/-1.454 χ^2/NDF :510.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -259.763+/-1.528 χ^2/NDF :289.7/12

Left: -257.153+/-1.054 χ^2/NDF : 805.6/27

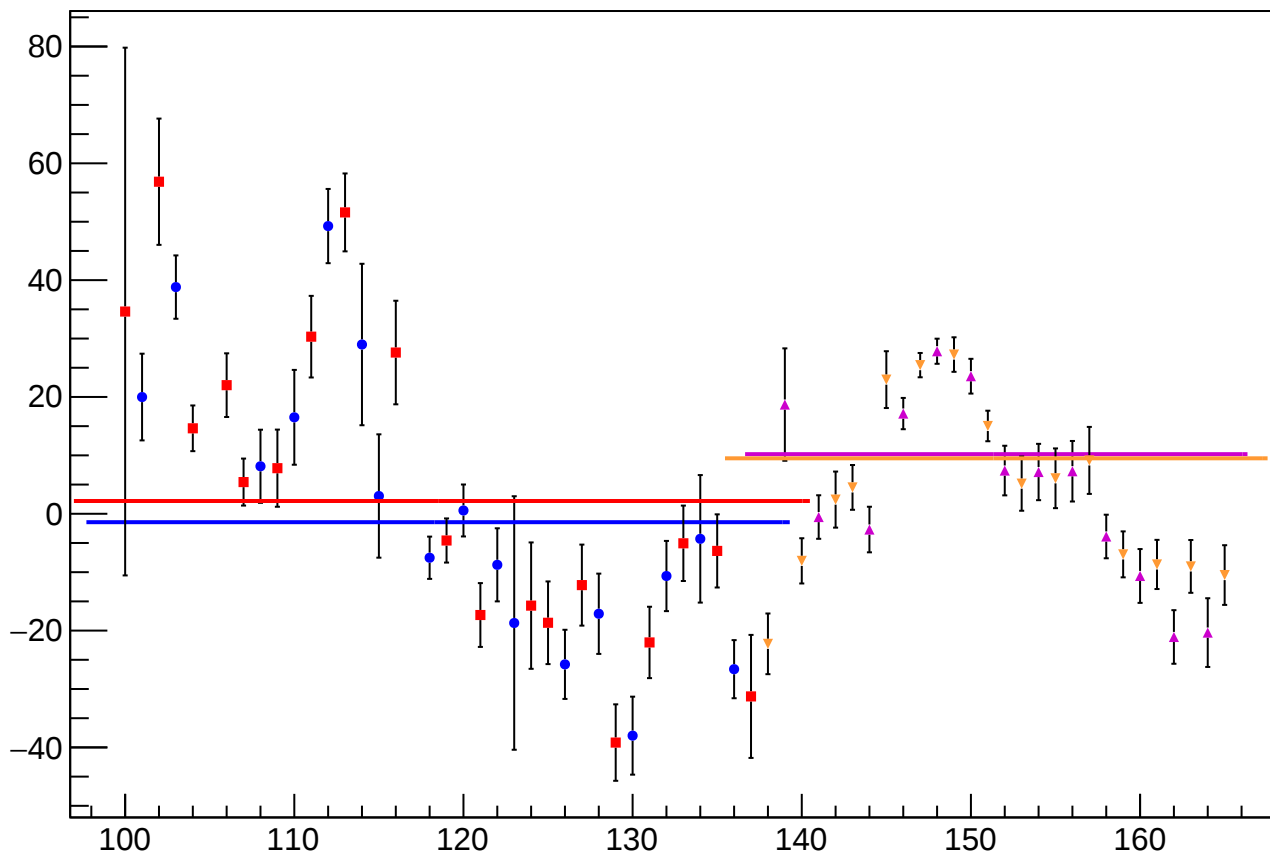
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -259.763+/-1.528 χ^2/NDF :289.7/12

Out: -254.788+/-1.454 χ^2/NDF :510.3/14

All: -257.153+/-1.054 χ^2/NDF : 805.6/27

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 $\pm$ 1.516 χ^2 /NDF: 224.4/16

Left Out: 9.495 $\pm$ 0.966 χ^2 /NDF:238.3/14

Right Out: 2.188 $\pm$ 1.400 χ^2 /NDF: 230.7/18

Left In: 10.207 $\pm$ 1.027 χ^2 /NDF:223.5/12

Left: 9.829 $\pm$ 0.703 χ^2 /NDF: 462.1/27

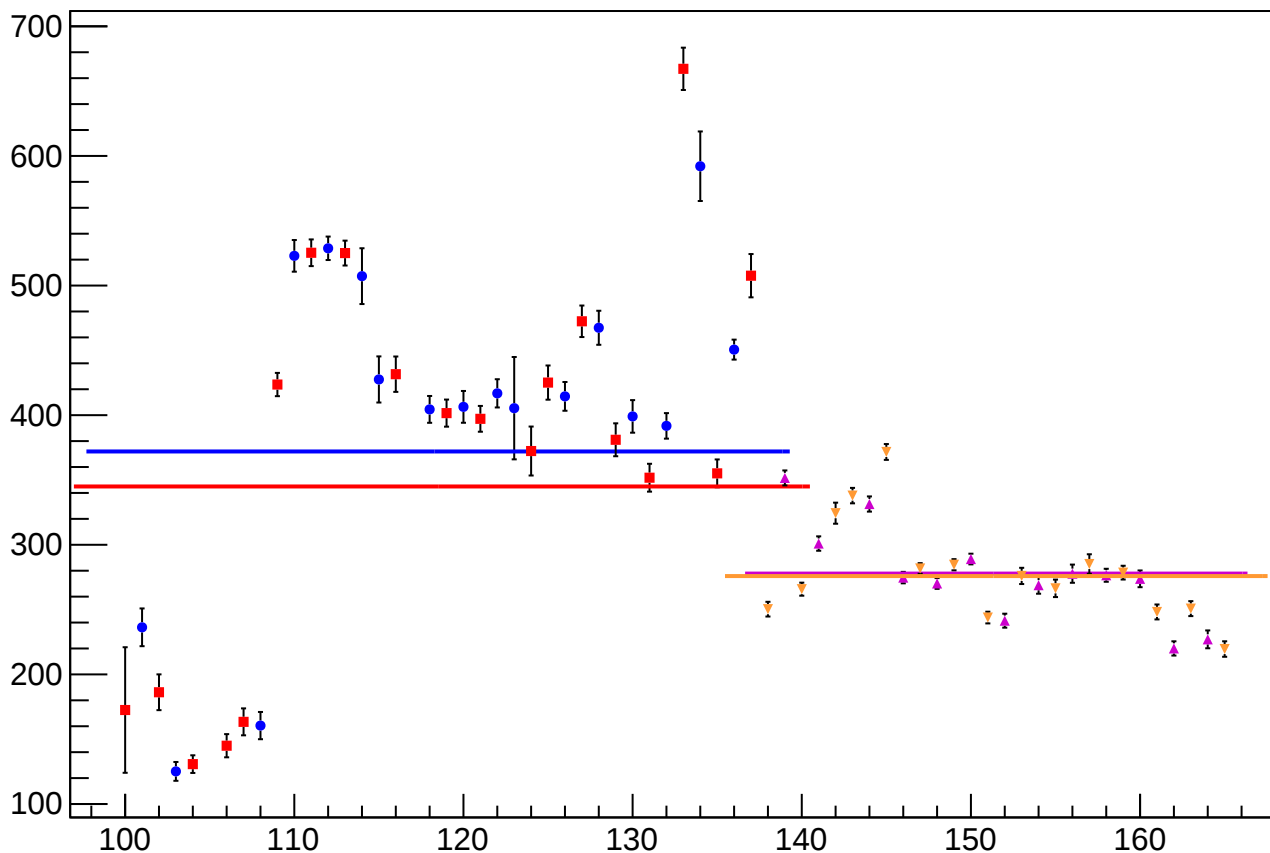
Right: 0.518 $\pm$ 1.029 χ^2 /NDF: 458.2/35

In: 6.544 $\pm$ 0.850 χ^2 /NDF:488.4/29

Out: 7.140 $\pm$ 0.795 χ^2 /NDF:487.5/33

All: 6.862 $\pm$ 0.581 χ^2 /NDF: 976.1/63

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: 275.863 $\pm$ 1.427 χ^2 /NDF:605.0/14

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 277.778 $\pm$ 1.482 χ^2 /NDF:488.1/12

Left: 276.784 $\pm$ 1.028 χ^2 /NDF: 1093.9/27

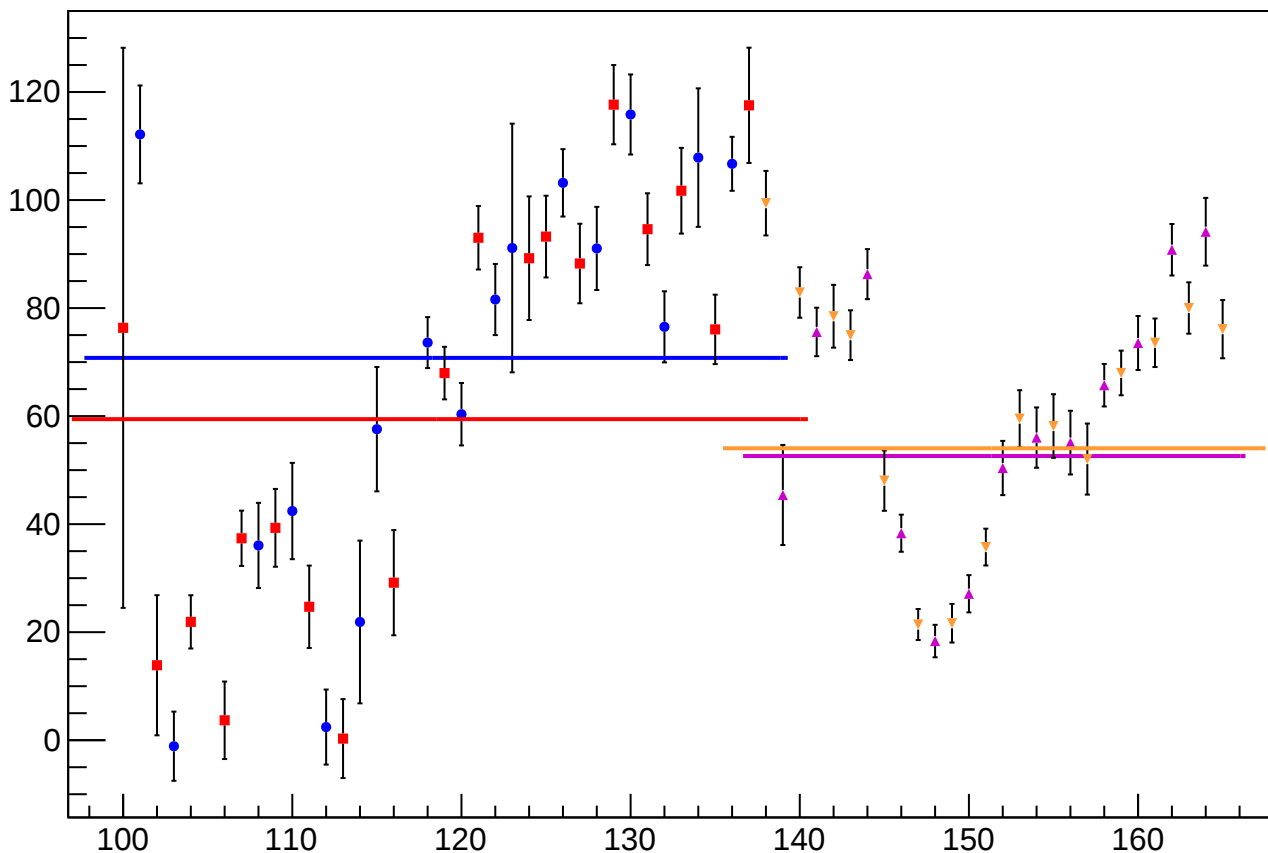
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 298.818 $\pm$ 1.306 χ^2 /NDF:3821.3/29

Out: 292.234 $\pm$ 1.246 χ^2 /NDF:4575.5/33

All: 295.371 $\pm$ 0.902 χ^2 /NDF: 8410.1/63

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: 54.044 $\pm$ 1.160 χ^2 /NDF:454.0/14

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 52.607 $\pm$ 1.229 χ^2 /NDF:418.9/12

Left: 53.367 $\pm$ 0.844 χ^2 /NDF: 873.6/27

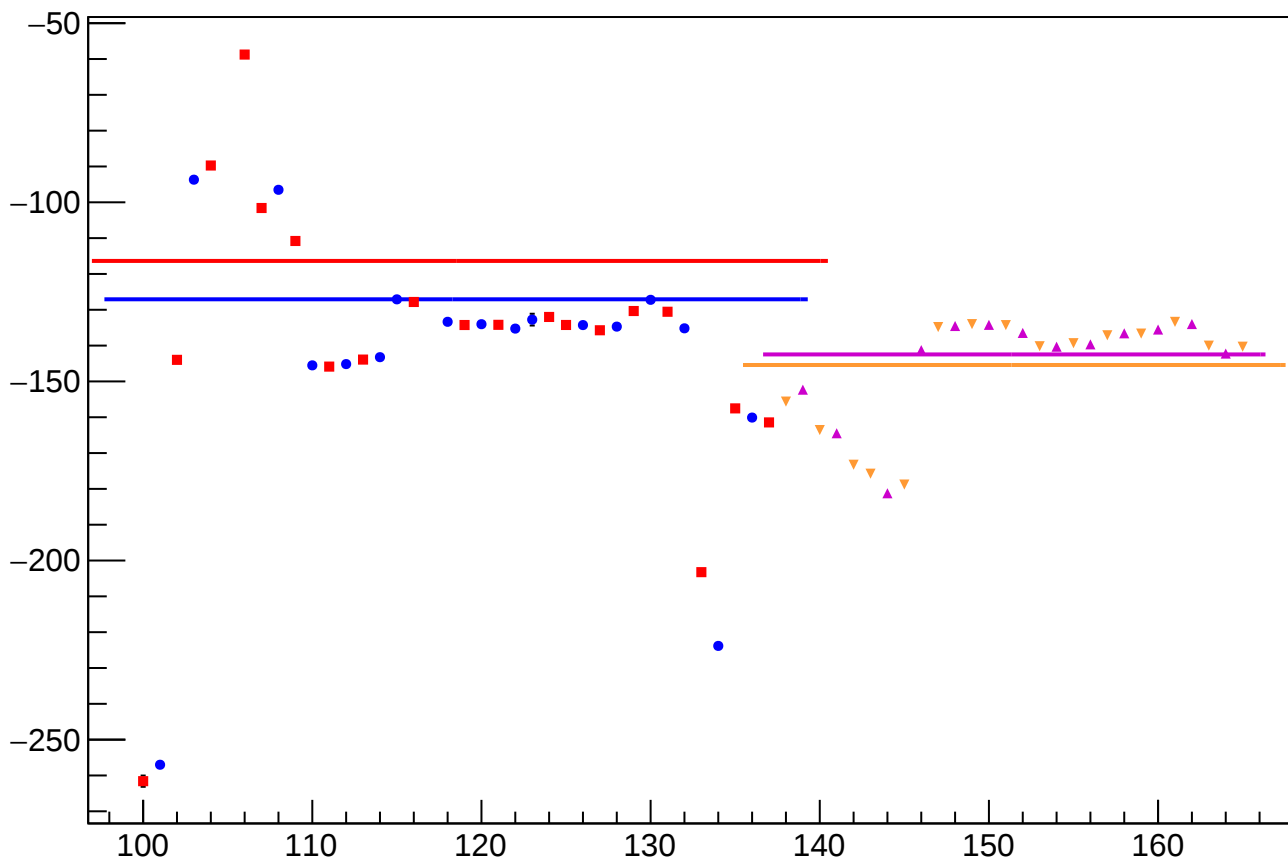
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 58.626 $\pm$ 1.005 χ^2 /NDF:915.2/29

Out: 55.856 $\pm$ 0.945 χ^2 /NDF:948.0/33

All: 57.156 $\pm$ 0.689 χ^2 /NDF: 1867.2/63

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -145.416+/-0.057 χ^2/NDF : 69697.5/14

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -142.466+/-0.059 χ^2/NDF : 43453.4/12

Left: -143.982+/-0.041 χ^2/NDF : 114437.0/27

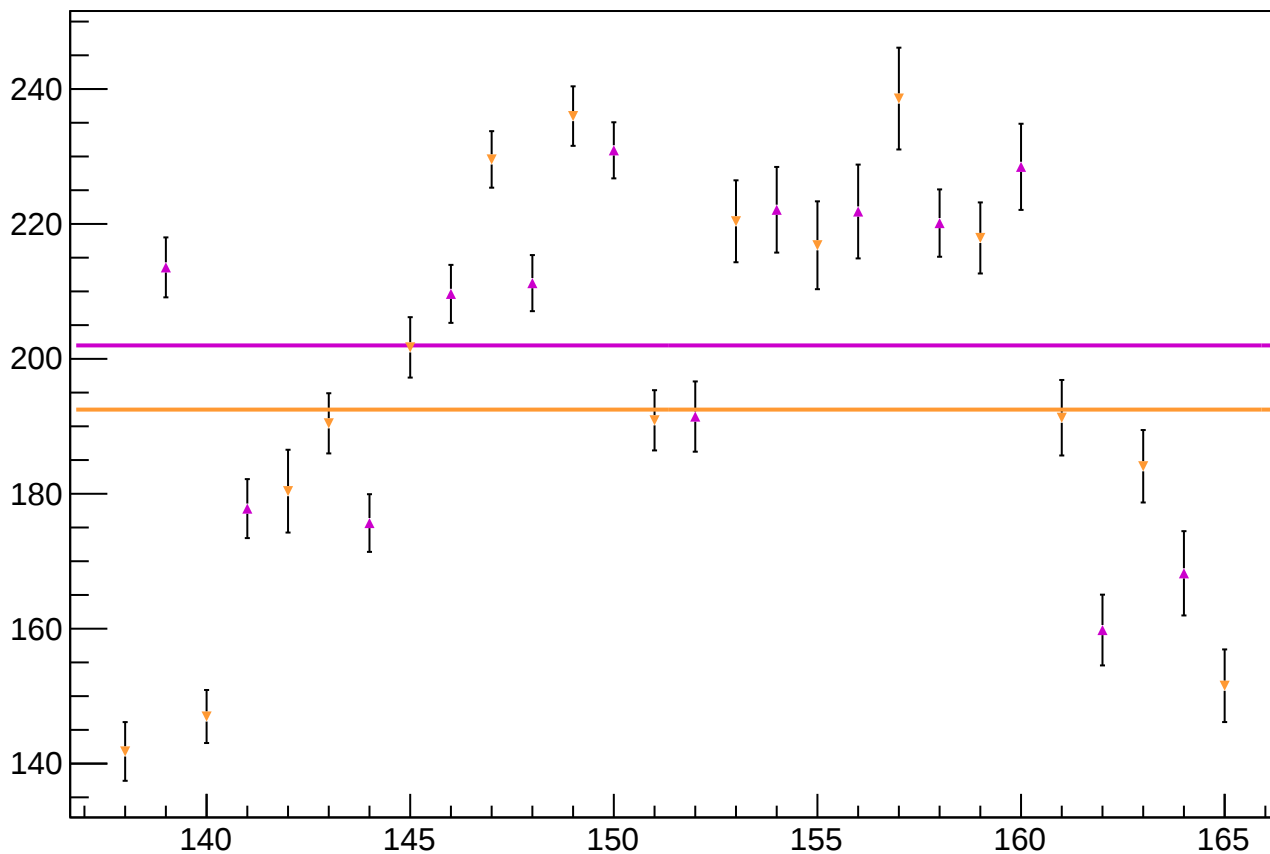
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.808+/-0.049 χ^2/NDF : 231088.0/29

Out: -136.014+/-0.047 χ^2/NDF : 320313.8/33

All: -136.872+/-0.034 χ^2/NDF : 552093.4/63

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: 192.479+/-1.282 χ^2/NDF : 609.8/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 201.992+/-1.365 χ^2/NDF : 278.4/12

Left: 196.938+/-0.935 χ^2/NDF : 914.0/27

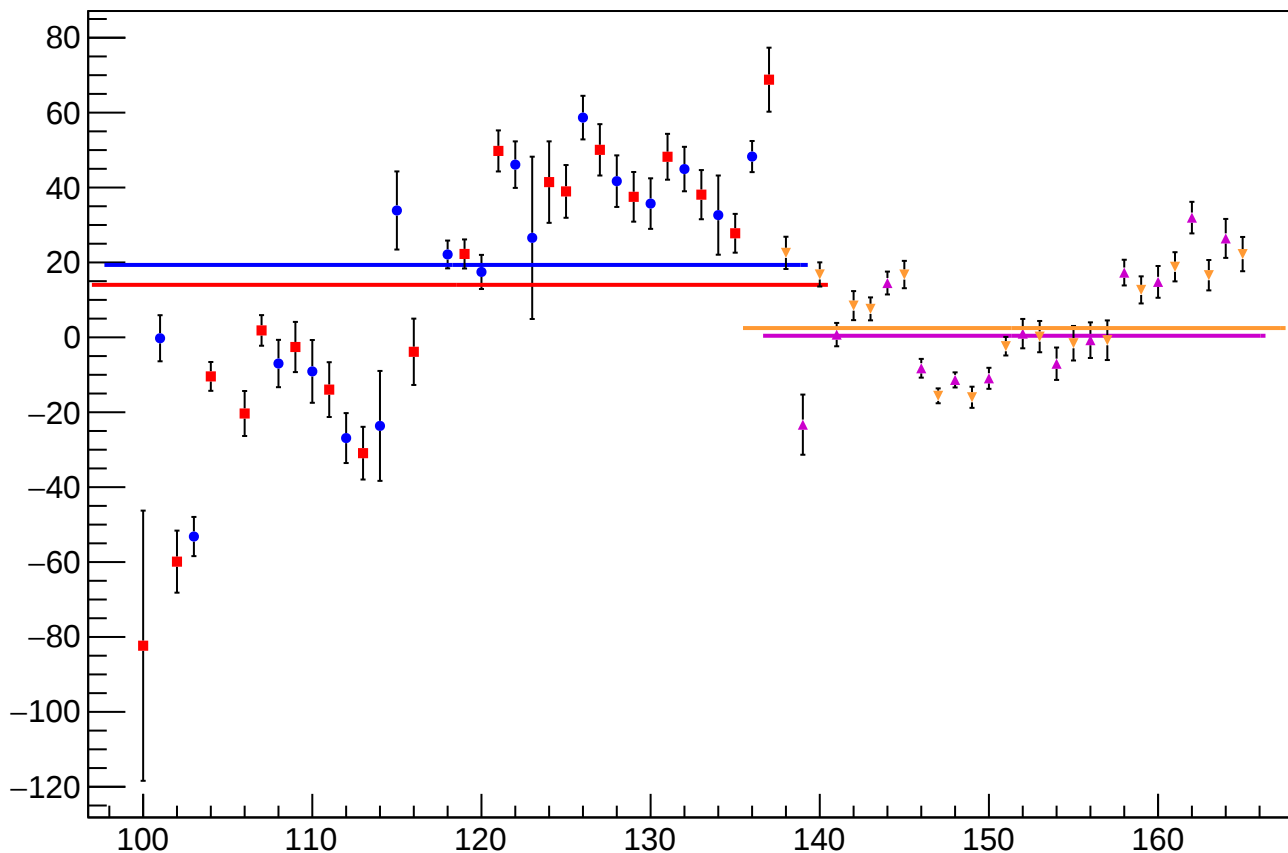
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 201.992+/-1.365 χ^2/NDF : 278.4/12

Out: 192.479+/-1.282 χ^2/NDF : 609.8/14

All: 196.938+/-0.935 χ^2/NDF : 914.0/27

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 2.478 ± 0.867 χ^2/NDF : 249.5/14

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

Left In: 0.424 ± 0.931 χ^2/NDF : 212.3/12

Left: 1.524 ± 0.634 χ^2/NDF : 464.4/27

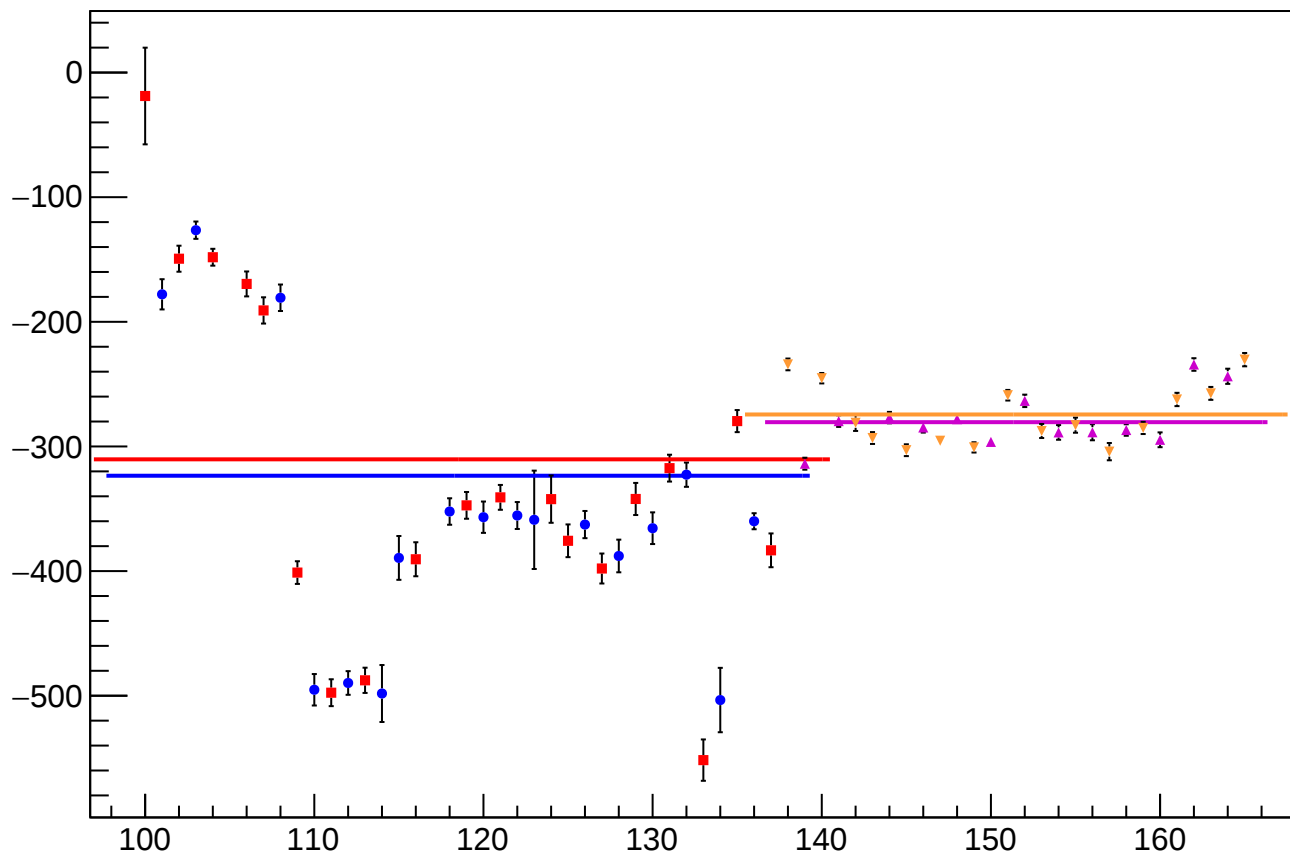
Right: 16.507 ± 1.014 χ^2/NDF : 879.9/35

In: 5.771 ± 0.788 χ^2/NDF : 768.9/29

Out: 5.708 ± 0.735 χ^2/NDF : 732.3/33

All: 5.738 ± 0.538 χ^2/NDF : 1501.2/63

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: -274.345 ± 1.268 $\chi^2/\text{NDF}: 371.5/14$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -280.514 ± 1.333 $\chi^2/\text{NDF}: 210.1/12$

Left: -277.277 ± 0.919 $\chi^2/\text{NDF}: 592.9/27$

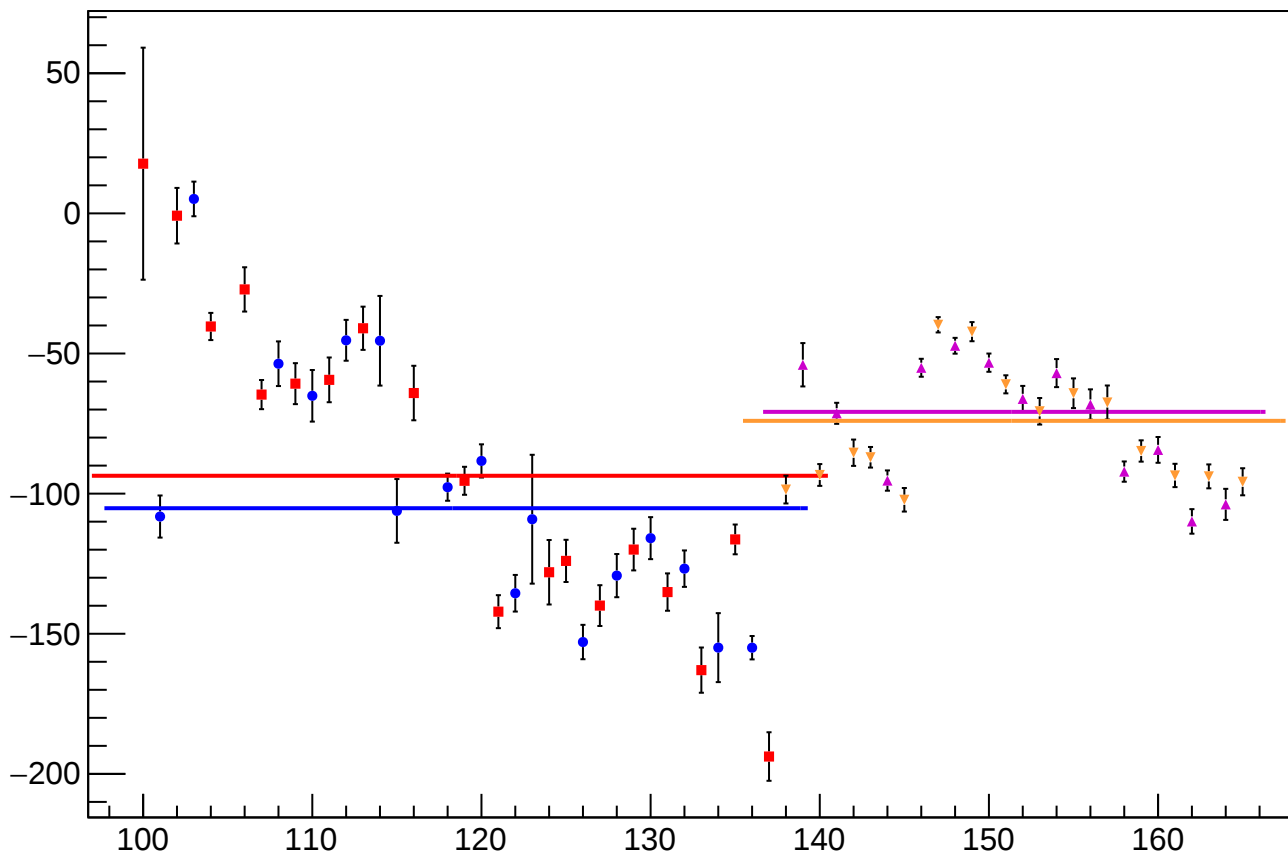
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -289.071 ± 1.193 $\chi^2/\text{NDF}: 2264.7/29$

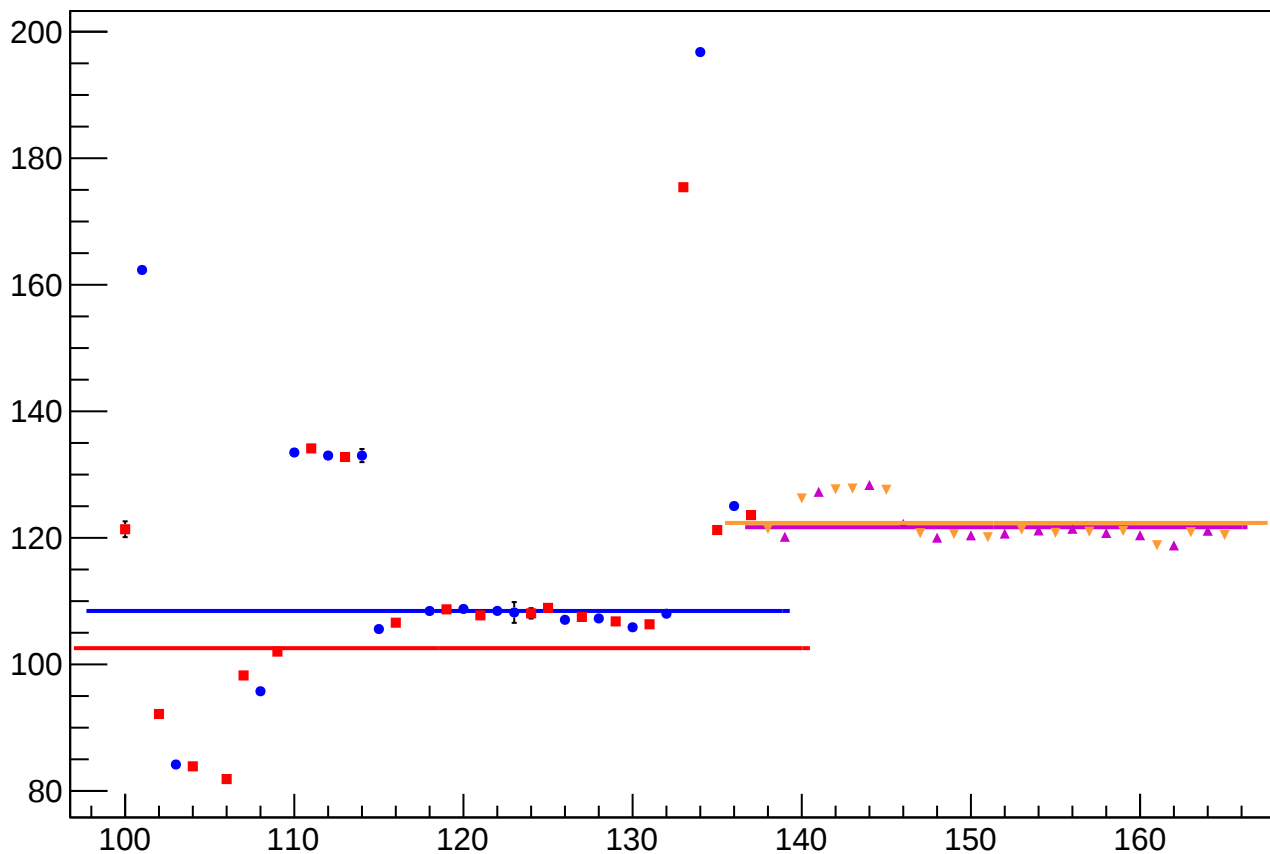
Out: -281.611 ± 1.133 $\chi^2/\text{NDF}: 2834.6/33$

All: -285.150 ± 0.821 $\chi^2/\text{NDF}: 5120.0/63$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2/NDF : 73265.3/16

Left Out: 122.363 $\pm$ 0.051 χ^2/NDF : 3406.1/14

Right Out: 102.566 $\pm$ 0.079 χ^2/NDF : 53135.3/18

Left In: 121.682 $\pm$ 0.053 χ^2/NDF : 2557.5/12

Left: 122.036 $\pm$ 0.037 χ^2/NDF : 6049.5/27

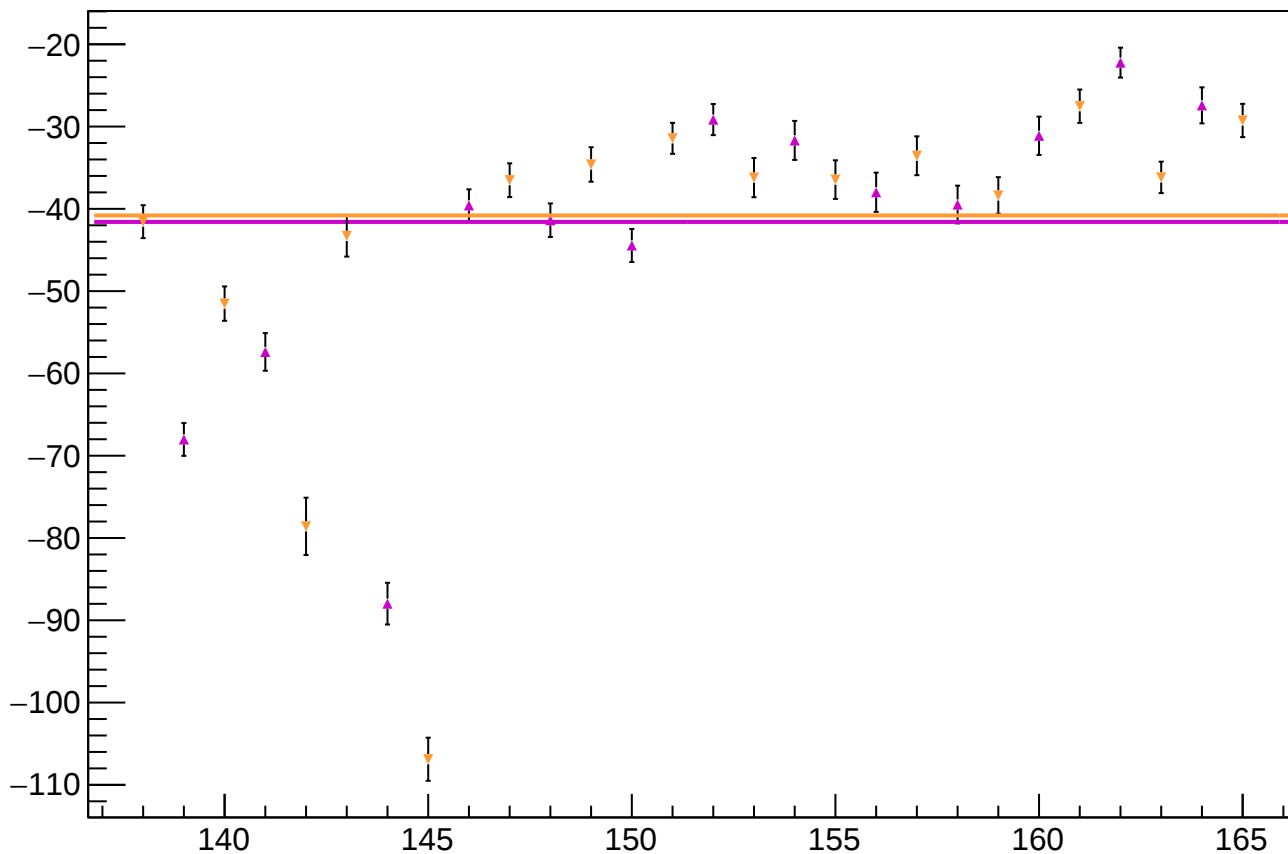
Right: 105.316 $\pm$ 0.058 χ^2/NDF : 128963.5/35

In: 117.967 $\pm$ 0.045 χ^2/NDF : 93343.8/29

Out: 116.605 $\pm$ 0.043 χ^2/NDF : 100581.0/33

All: 117.254 $\pm$ 0.031 χ^2/NDF : 194406.2/63

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



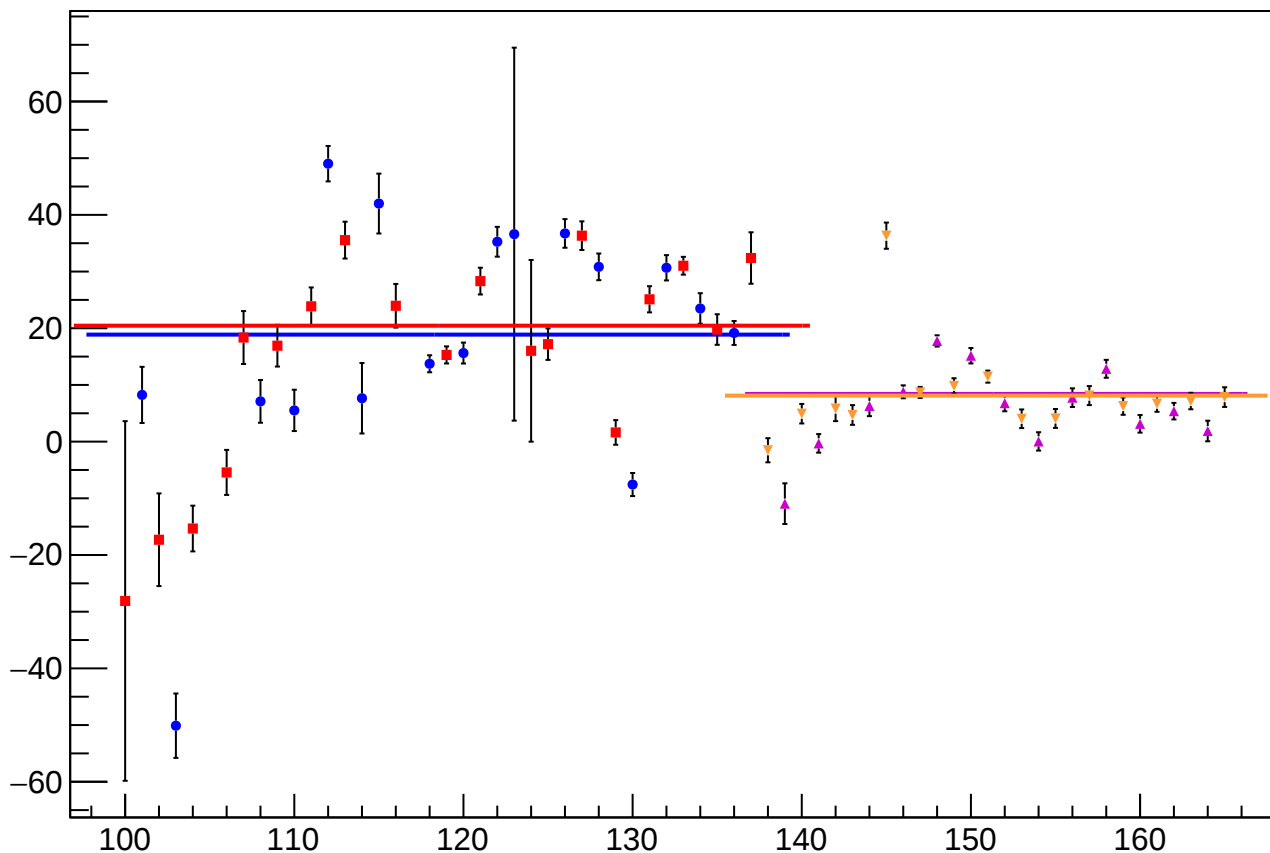
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -40.803 ± 0.567 $\chi^2/\text{NDF}: 918.7/14$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -41.590 ± 0.590 $\chi^2/\text{NDF}: 801.7/12$

Left: -41.180 ± 0.409 $\chi^2/\text{NDF}: 1721.2/27$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -41.590 ± 0.590 $\chi^2/\text{NDF}: 801.7/12$
 Out: -40.803 ± 0.567 $\chi^2/\text{NDF}: 918.7/14$

All: -41.180 ± 0.409 $\chi^2/\text{NDF}: 1721.2/27$

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: 8.117 $\pm$ 0.390 χ^2 /NDF:204.7/14

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 8.409 $\pm$ 0.411 χ^2 /NDF:237.1/12

Left: 8.255 $\pm$ 0.283 χ^2 /NDF: 442.1/27

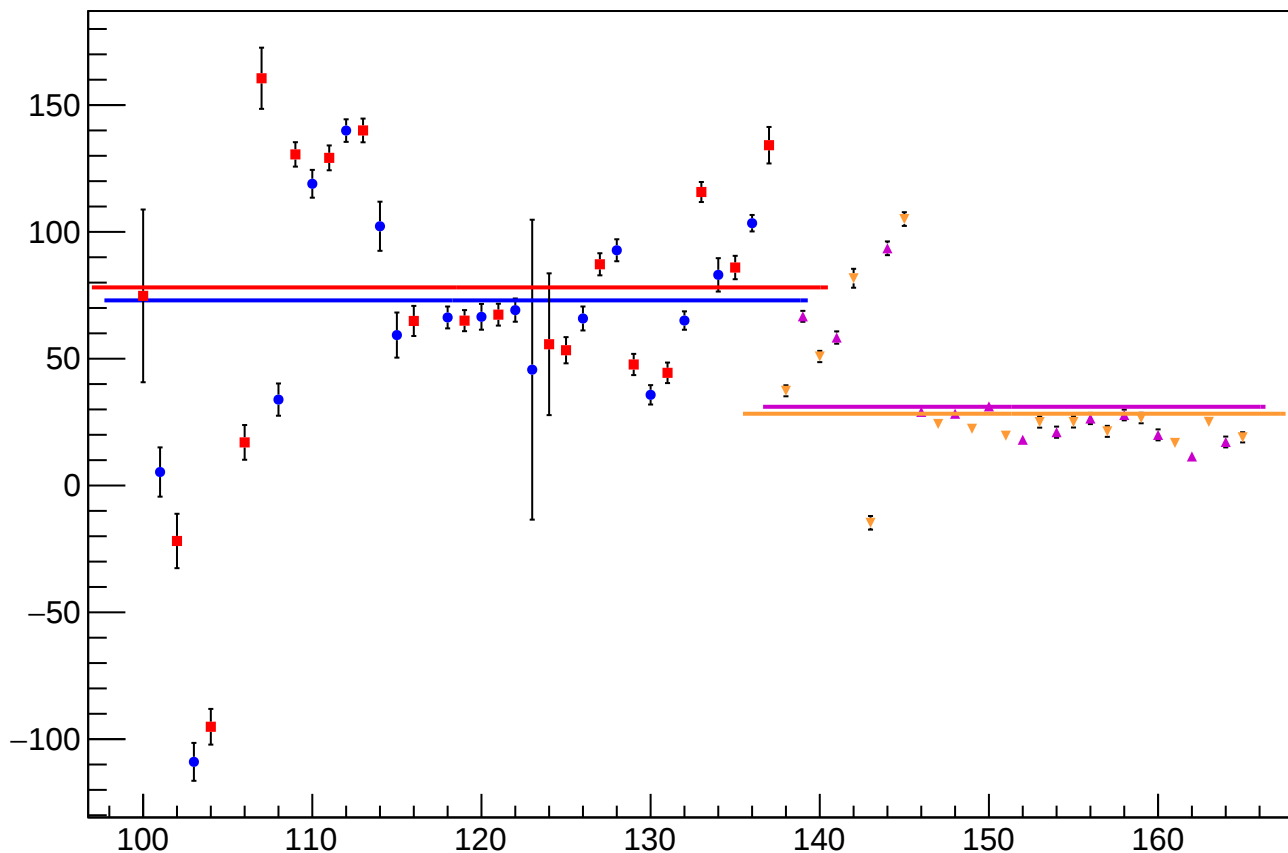
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 11.440 $\pm$ 0.347 χ^2 /NDF:1045.1/29

Out: 11.434 $\pm$ 0.334 χ^2 /NDF:838.2/33

All: 11.437 $\pm$ 0.240 χ^2 /NDF: 1883.3/63

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: 28.304 $\pm$ 0.553 χ^2 /NDF:1500.6/14

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 31.044 $\pm$ 0.571 χ^2 /NDF:1207.4/12

Left: 29.629 $\pm$ 0.397 χ^2 /NDF: 2719.9/27

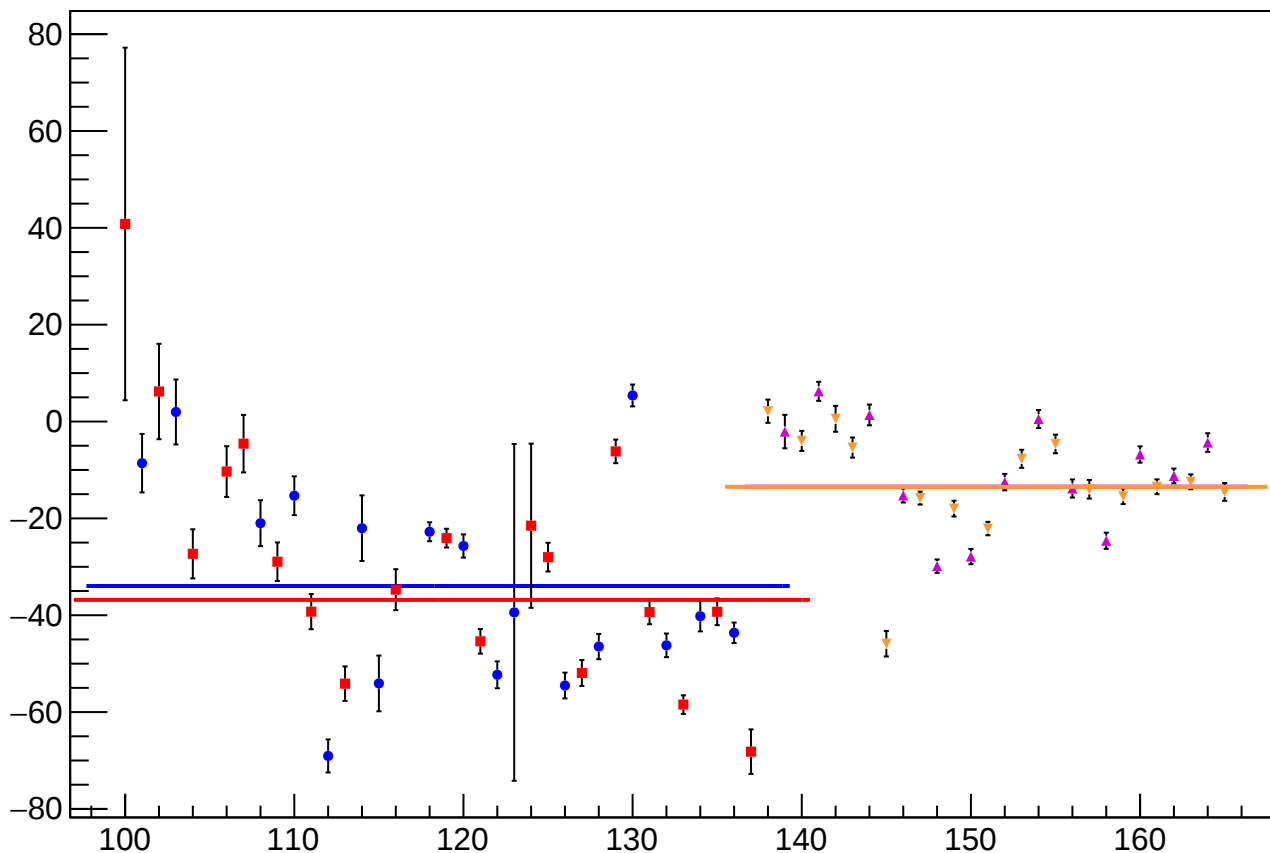
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 38.488 $\pm$ 0.518 χ^2 /NDF:3369.5/29

Out: 36.756 $\pm$ 0.504 χ^2 /NDF:4424.6/33

All: 37.598 $\pm$ 0.361 χ^2 /NDF: 7799.8/63

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: -13.495 ± 0.459 χ^2/NDF : 340.4/14

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.446 ± 0.483 χ^2/NDF : 525.2/12

Left: -13.472 ± 0.333 χ^2/NDF : 865.6/27

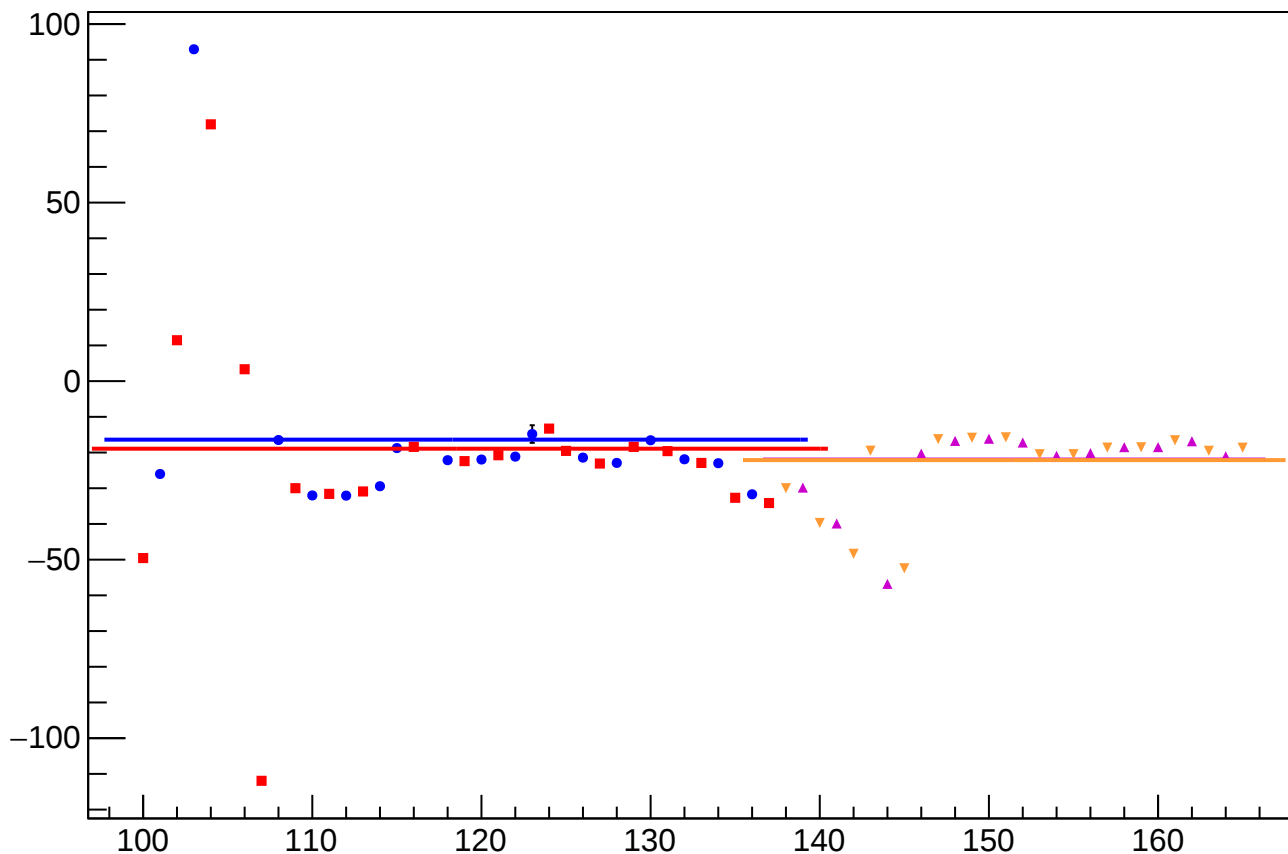
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.604 ± 0.404 χ^2/NDF : 1788.8/29

Out: -20.017 ± 0.390 χ^2/NDF : 1602.5/33

All: -19.818 ± 0.280 χ^2/NDF : 3391.8/63

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -22.119 ± 0.022 $\chi^2/\text{NDF}: 183986.7/14$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -21.967 ± 0.022 $\chi^2/\text{NDF}: 154244.2/12$

Left: -22.045 ± 0.016 $\chi^2/\text{NDF}: 338254.5/27$

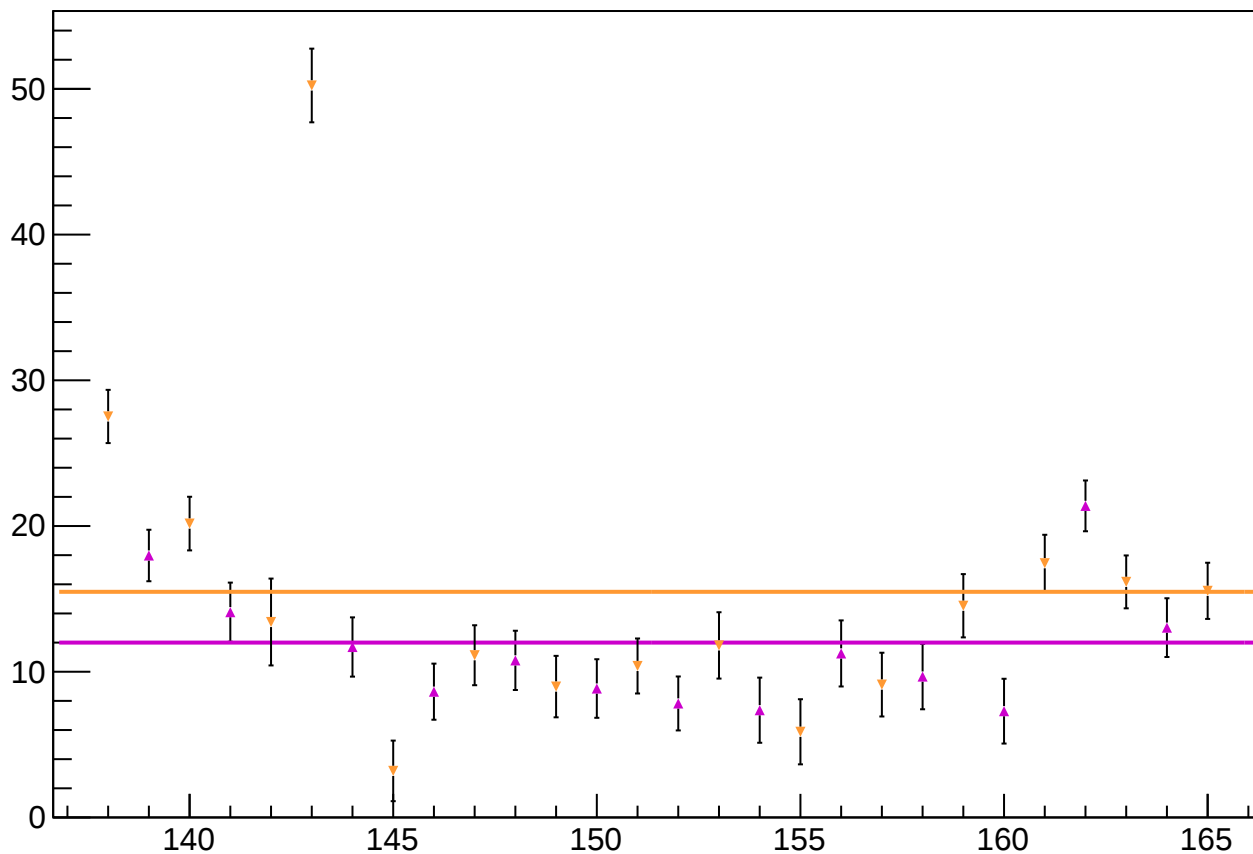
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.841 ± 0.020 $\chi^2/\text{NDF}: 641117.0/29$

Out: -21.521 ± 0.020 $\chi^2/\text{NDF}: 622181.0/33$

All: -21.188 ± 0.014 $\chi^2/\text{NDF}: 1263887.6/63$

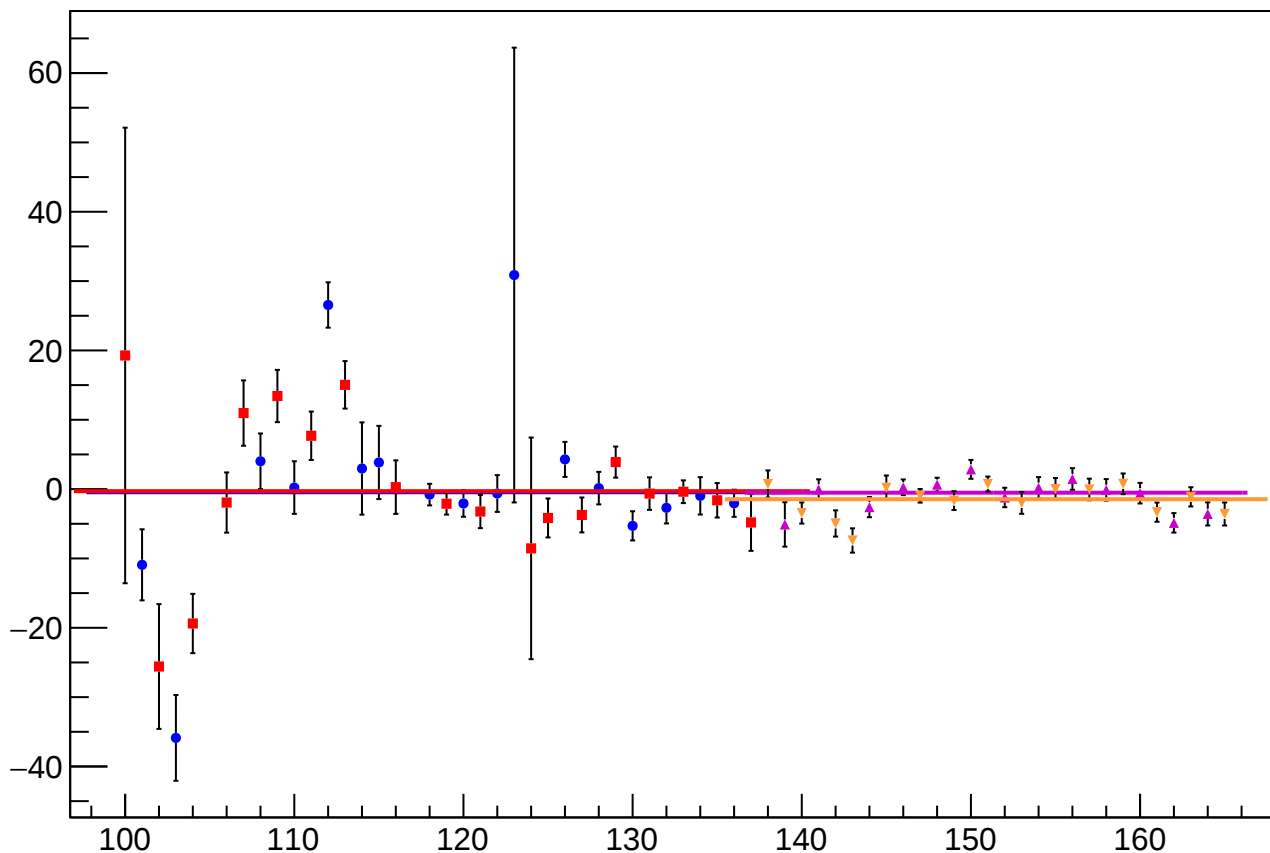
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 15.485 $\pm$ 0.536 χ^2/NDF :326.4/14
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 12.000 $\pm$ 0.557 χ^2/NDF :62.7/12

Left: 13.810 $\pm$ 0.386 χ^2/NDF : 409.5/27
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 12.000 $\pm$ 0.557 χ^2/NDF :62.7/12
 Out: 15.485 $\pm$ 0.536 χ^2/NDF :326.4/14
 All: 13.810 $\pm$ 0.386 χ^2/NDF : 409.5/27

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: -1.456 ± 0.374 χ^2/NDF : 30.8/14

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.516 ± 0.393 χ^2/NDF : 27.3/12

Left: -1.010 ± 0.271 χ^2/NDF : 61.0/27

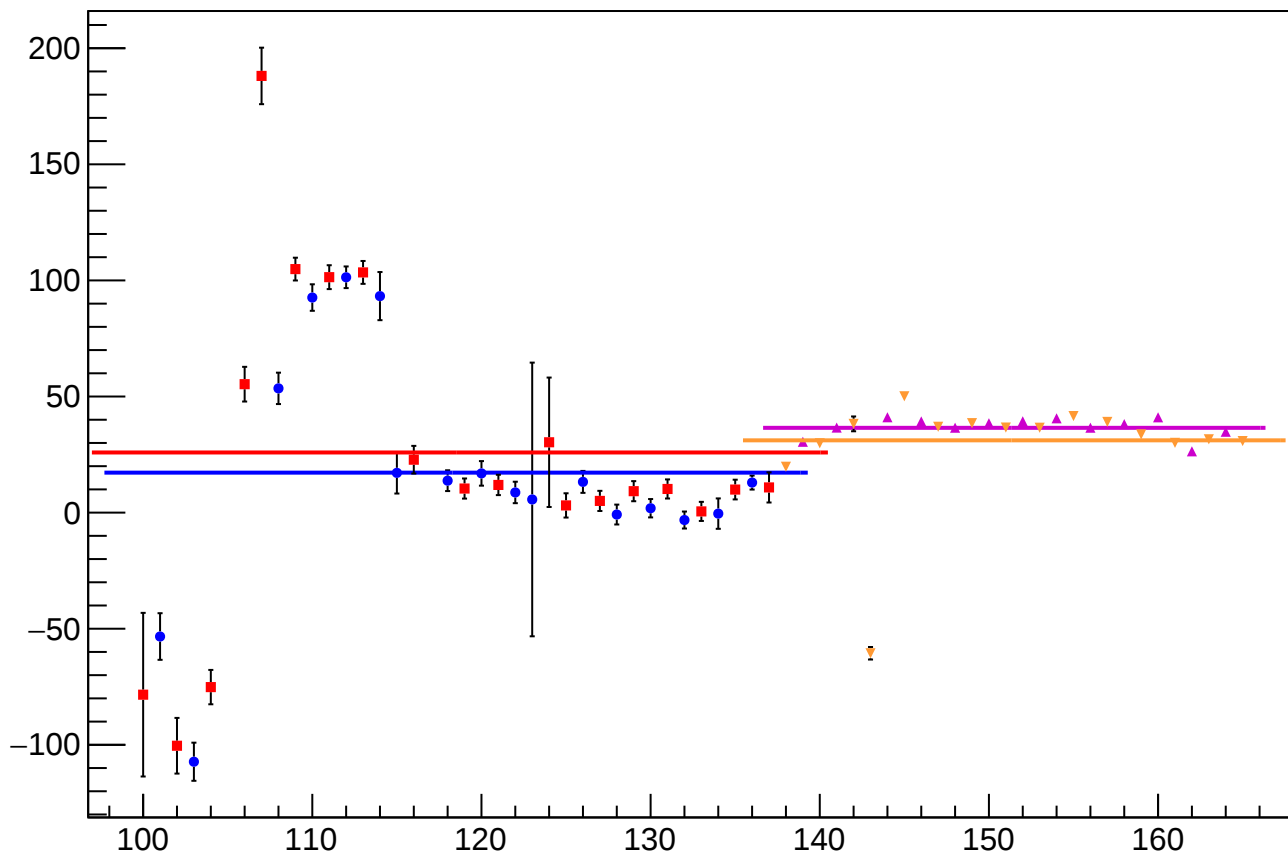
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.499 ± 0.337 χ^2/NDF : 146.8/29

Out: -1.173 ± 0.325 χ^2/NDF : 117.6/33

All: -0.848 ± 0.234 χ^2/NDF : 266.5/63

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 χ^2/NDF : 940.1/16

Left Out: 31.130 ± 0.525 χ^2/NDF : 1352.5/14

Right Out: 25.902 ± 1.243 χ^2/NDF : 1374.8/18

Left In: 36.514 ± 0.542 χ^2/NDF : 66.6/12

Left: 33.738 ± 0.377 χ^2/NDF : 1470.0/27

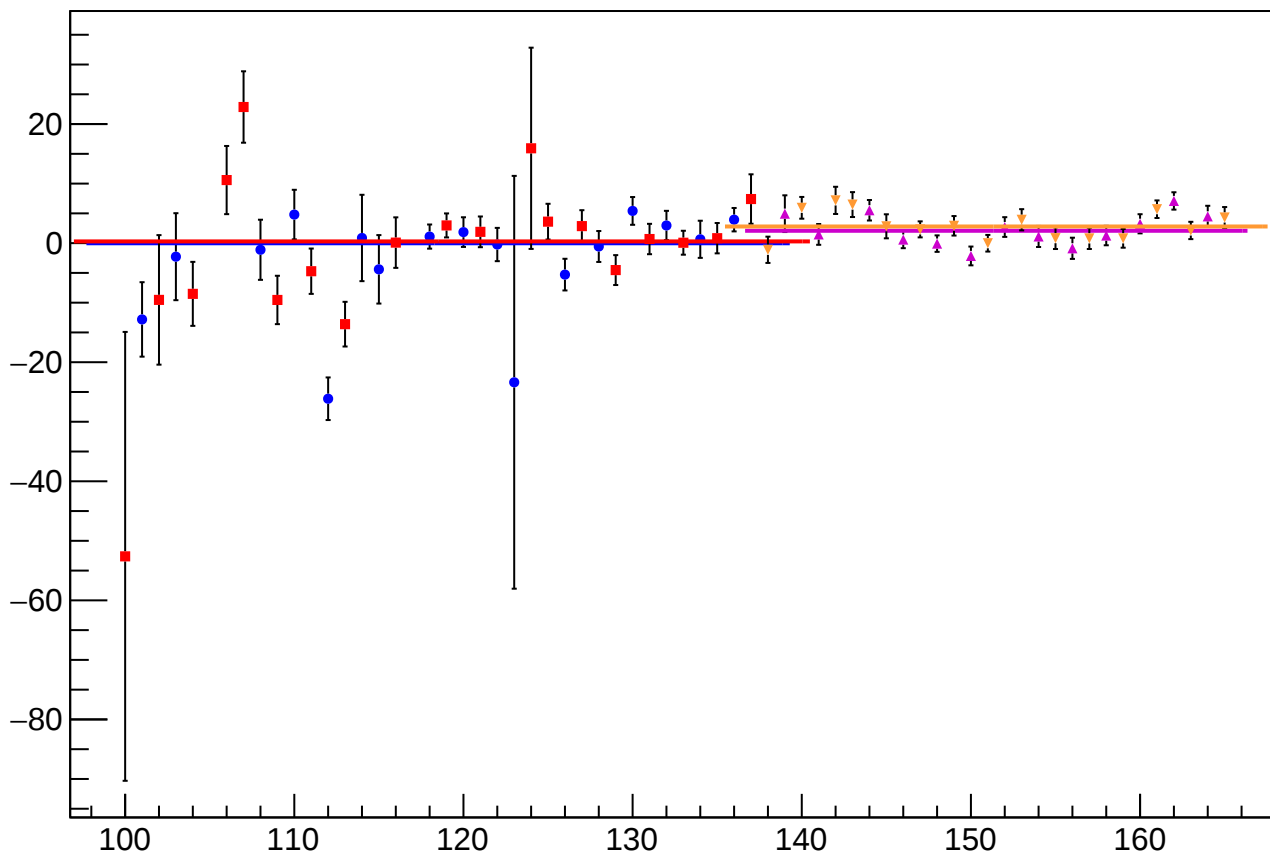
Right: 21.552 ± 0.878 χ^2/NDF : 2339.3/35

In: 33.427 ± 0.496 χ^2/NDF : 1209.8/29

Out: 30.338 ± 0.484 χ^2/NDF : 2742.3/33

All: 31.843 ± 0.346 χ^2/NDF : 3971.9/63

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: 2.797 ± 0.438 χ^2/NDF : 26.3/14

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.076 ± 0.460 χ^2/NDF : 33.3/12

Left: 2.454 ± 0.317 χ^2/NDF : 60.9/27

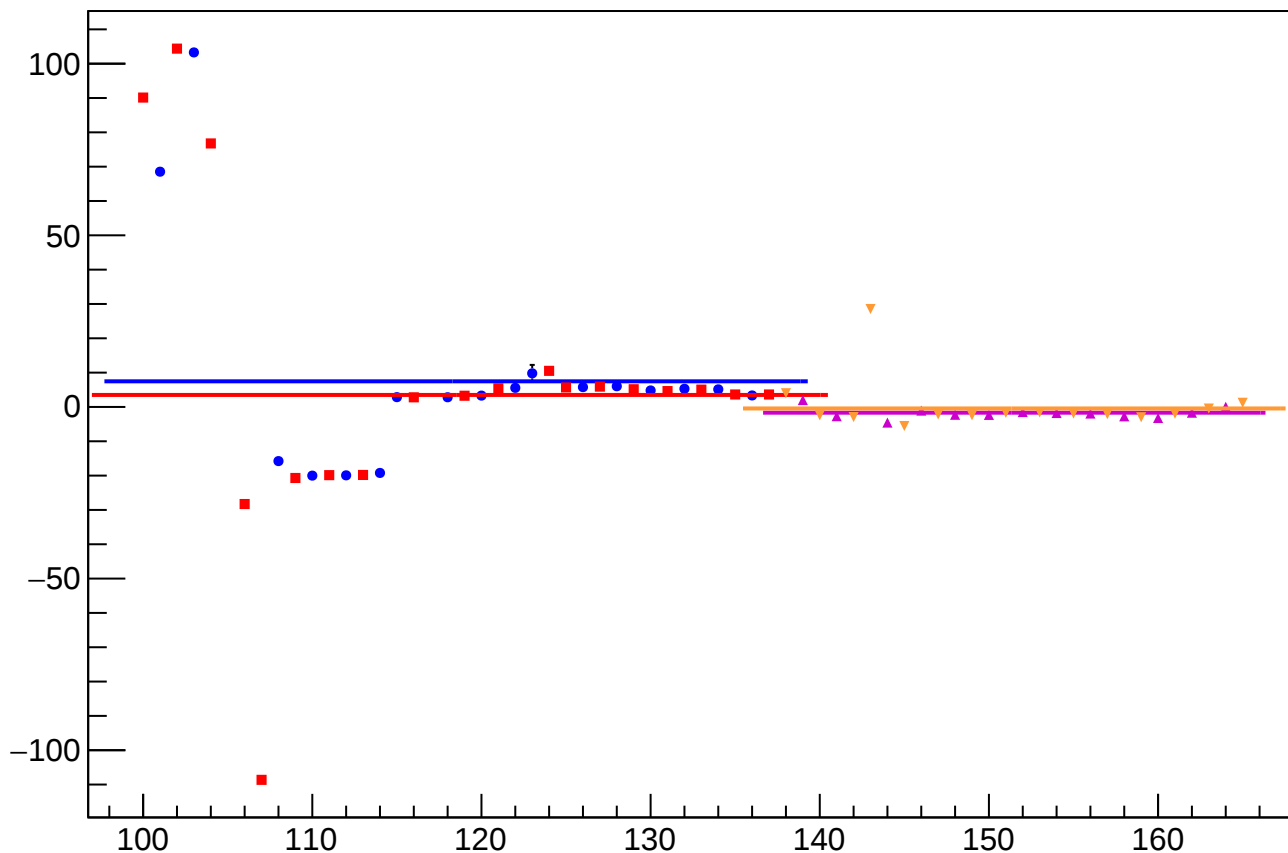
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.497 ± 0.391 χ^2/NDF : 114.9/29

Out: 2.157 ± 0.378 χ^2/NDF : 90.7/33

All: 1.838 ± 0.272 χ^2/NDF : 207.0/63

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: -0.439 $\pm$ 0.021 χ^2 /NDF:83989.1/14

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: -1.669 $\pm$ 0.021 χ^2 /NDF:5274.4/12

Left: -1.037 $\pm$ 0.015 χ^2 /NDF: 91001.1/27

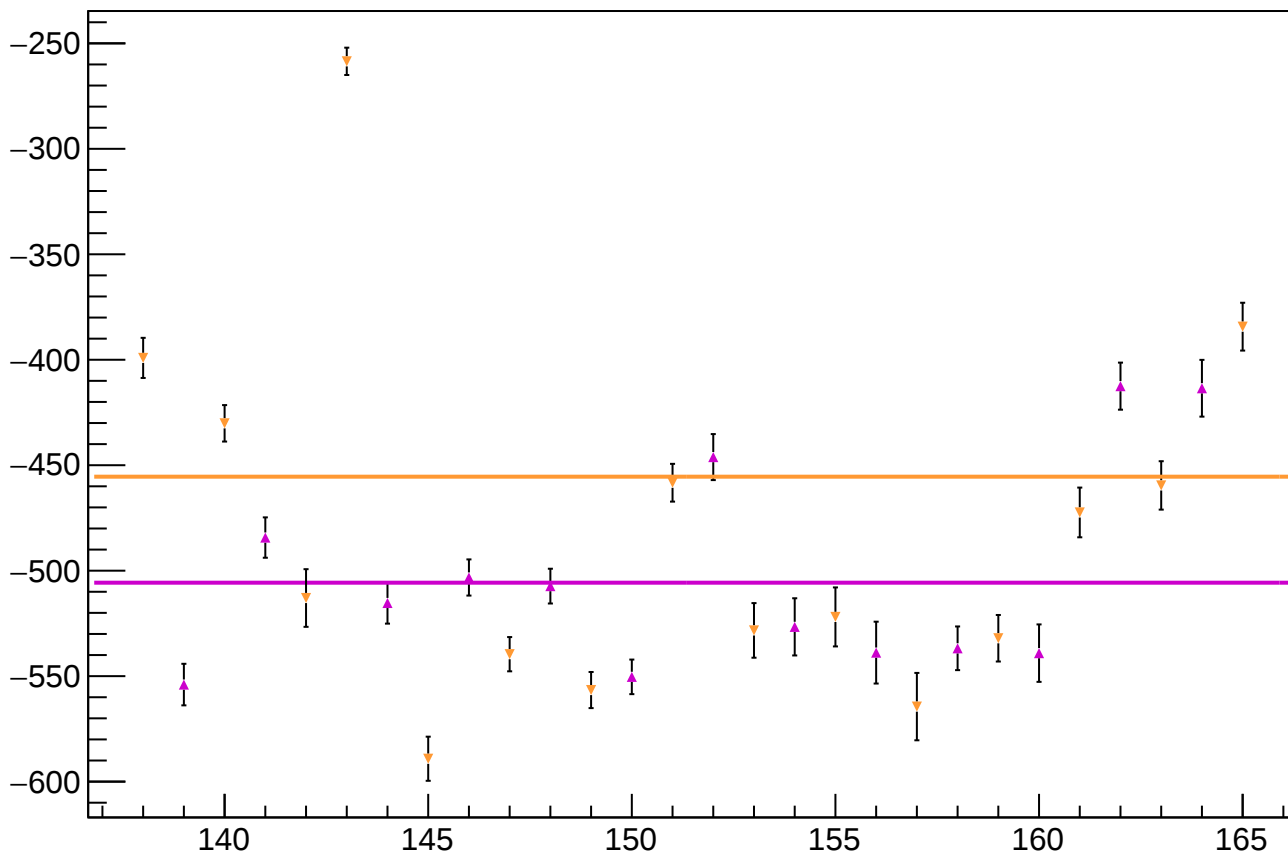
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 0.018 $\pm$ 0.019 χ^2 /NDF:395579.8/29

Out: 0.228 $\pm$ 0.019 χ^2 /NDF:600775.3/33

All: 0.125 $\pm$ 0.013 χ^2 /NDF: 996416.8/63

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: -455.435+/-2.583 χ^2/NDF :1586.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -505.693+/-2.867 χ^2/NDF :228.8/12

Left: -477.955+/-1.919 χ^2/NDF : 1985.3/27

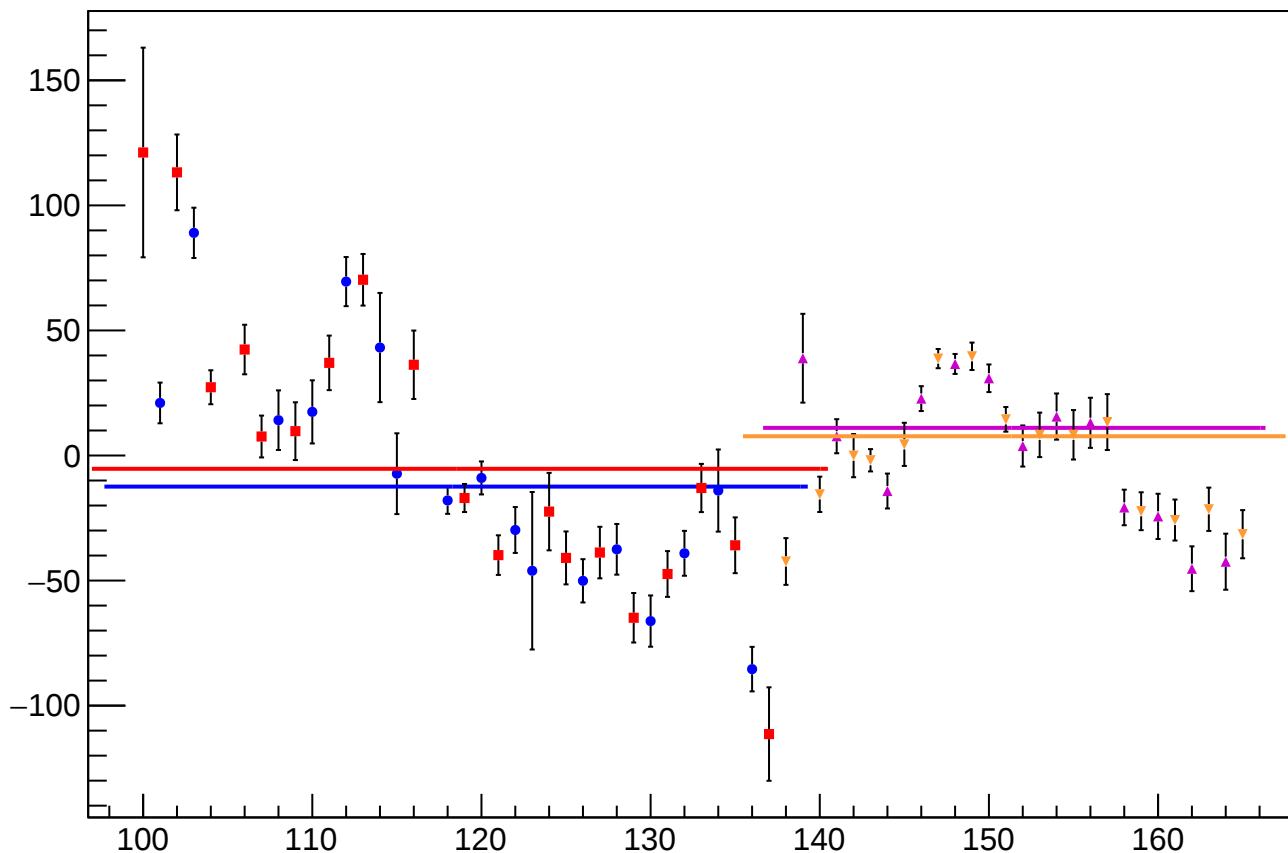
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -505.693+/-2.867 χ^2/NDF :228.8/12

Out: -455.435+/-2.583 χ^2/NDF :1586.9/14

All: -477.955+/-1.919 χ^2/NDF : 1985.3/27

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: 7.695 ± 1.720 χ^2/NDF : 206.8/14

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 11.051 ± 1.924 χ^2/NDF : 174.0/12

Left: 9.186 ± 1.282 χ^2/NDF : 382.4/27

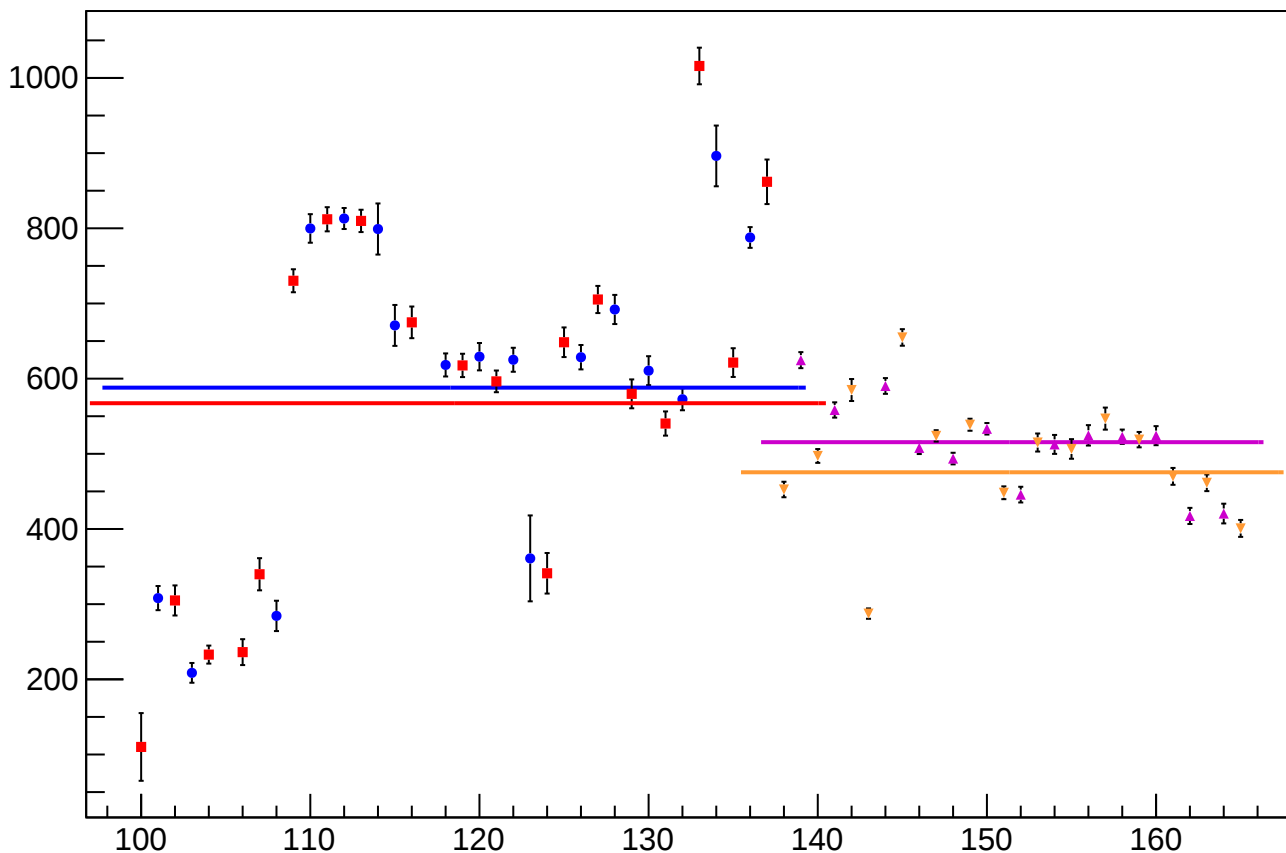
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 1.458 ± 1.480 χ^2/NDF : 575.1/29

Out: 2.922 ± 1.369 χ^2/NDF : 570.6/33

All: 2.247 ± 1.005 χ^2/NDF : 1146.1/63

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: 475.438 $\pm$ 2.558 χ^2 /NDF:1289.5/14

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 515.486 $\pm$ 2.786 χ^2 /NDF:369.7/12

Left: 493.756 $\pm$ 1.884 χ^2 /NDF: 1771.3/27

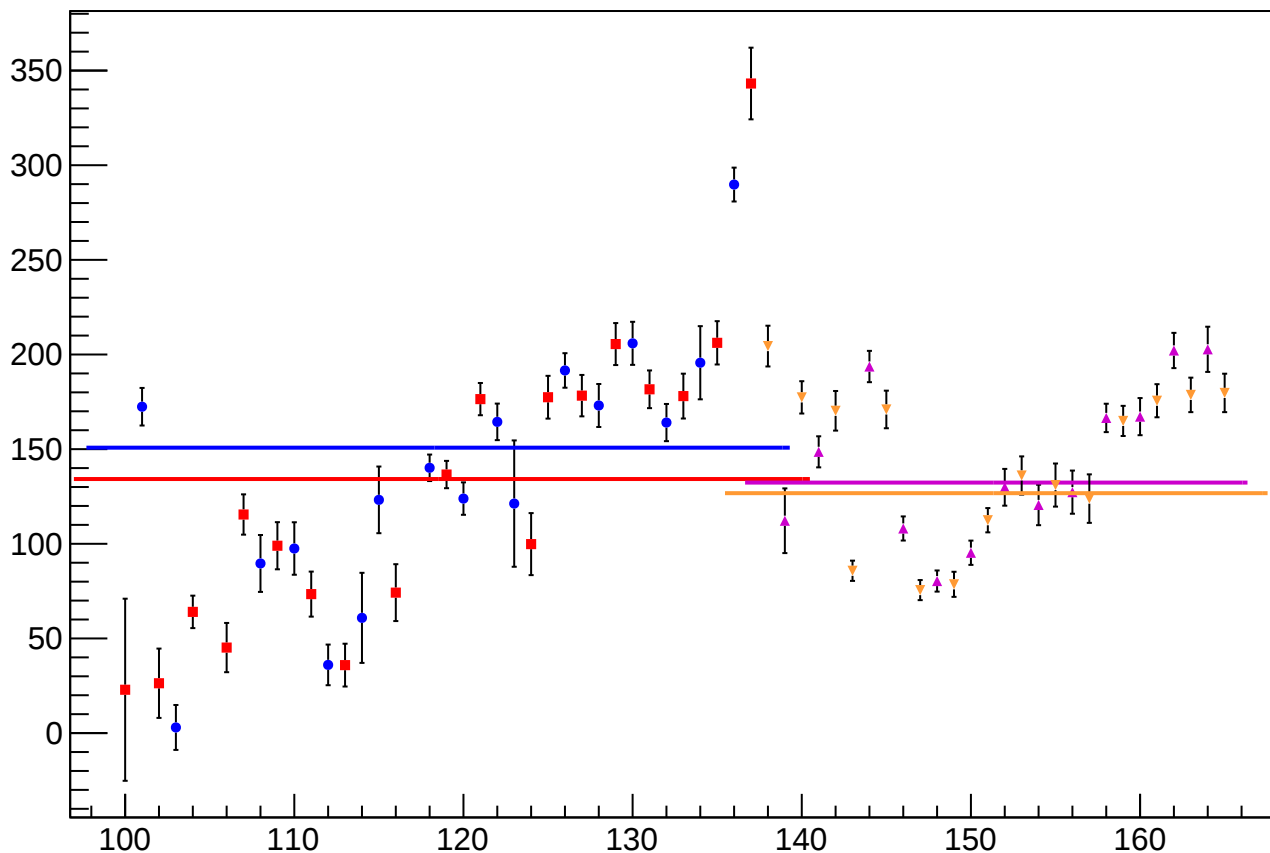
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 536.737 $\pm$ 2.343 χ^2 /NDF:2696.1/29

Out: 500.886 $\pm$ 2.175 χ^2 /NDF:4431.1/33

All: 517.483 $\pm$ 1.594 χ^2 /NDF: 7252.9/63

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 129.238 $\pm$ 1.541 χ^2/NDF : 773.0/27

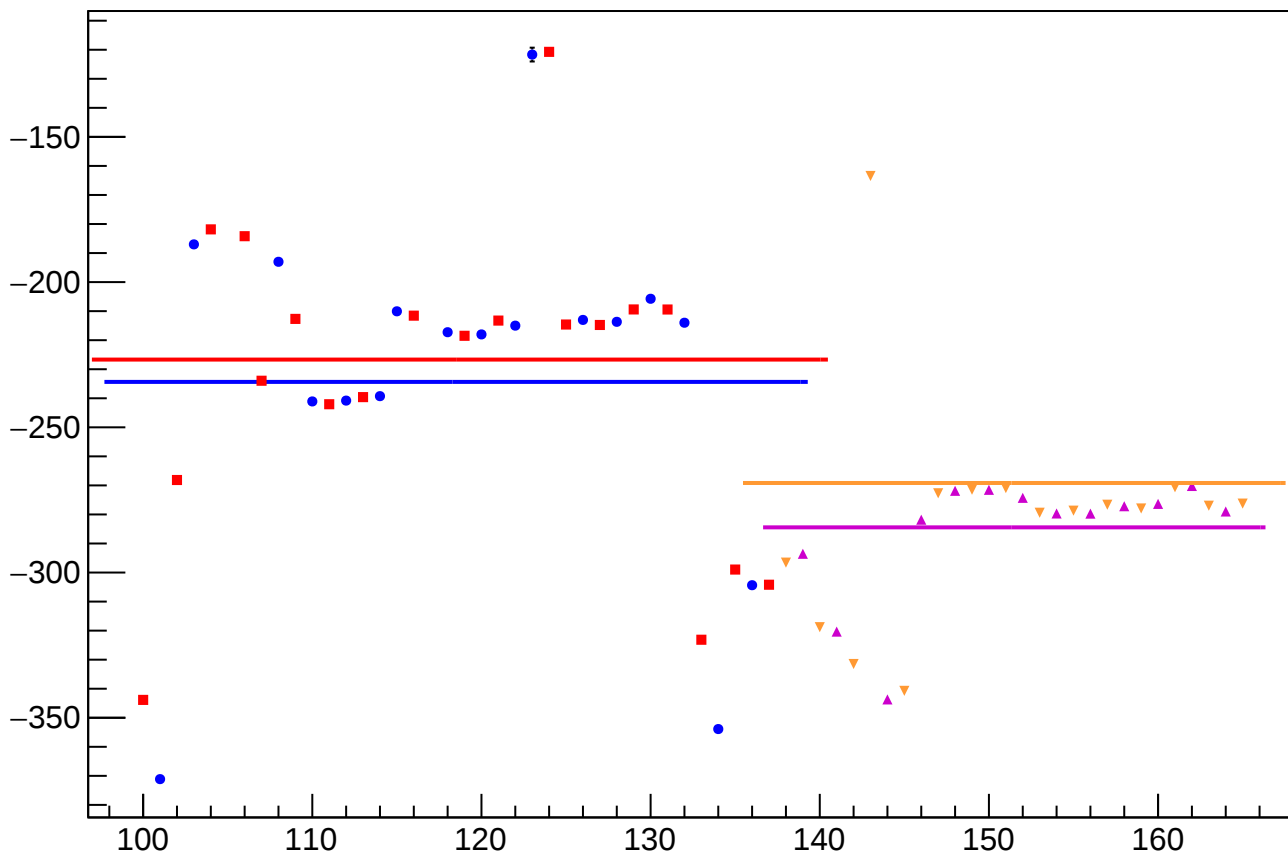
Right: 142.302 $\pm$ 1.872 χ^2/NDF : 1234.3/35

In: 140.196 $\pm$ 1.749 χ^2/NDF : 981.0/29

Out: 129.623 $\pm$ 1.623 χ^2/NDF : 1035.6/33

All: 134.515 $\pm$ 1.190 χ^2/NDF : 2036.3/63

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: -269.164+/-0.103 χ^2/NDF : 204968.8/14

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -284.441+/-0.111 χ^2/NDF : 30765.3/12

Left: -276.233+/-0.076 χ^2/NDF : 245886.6/27

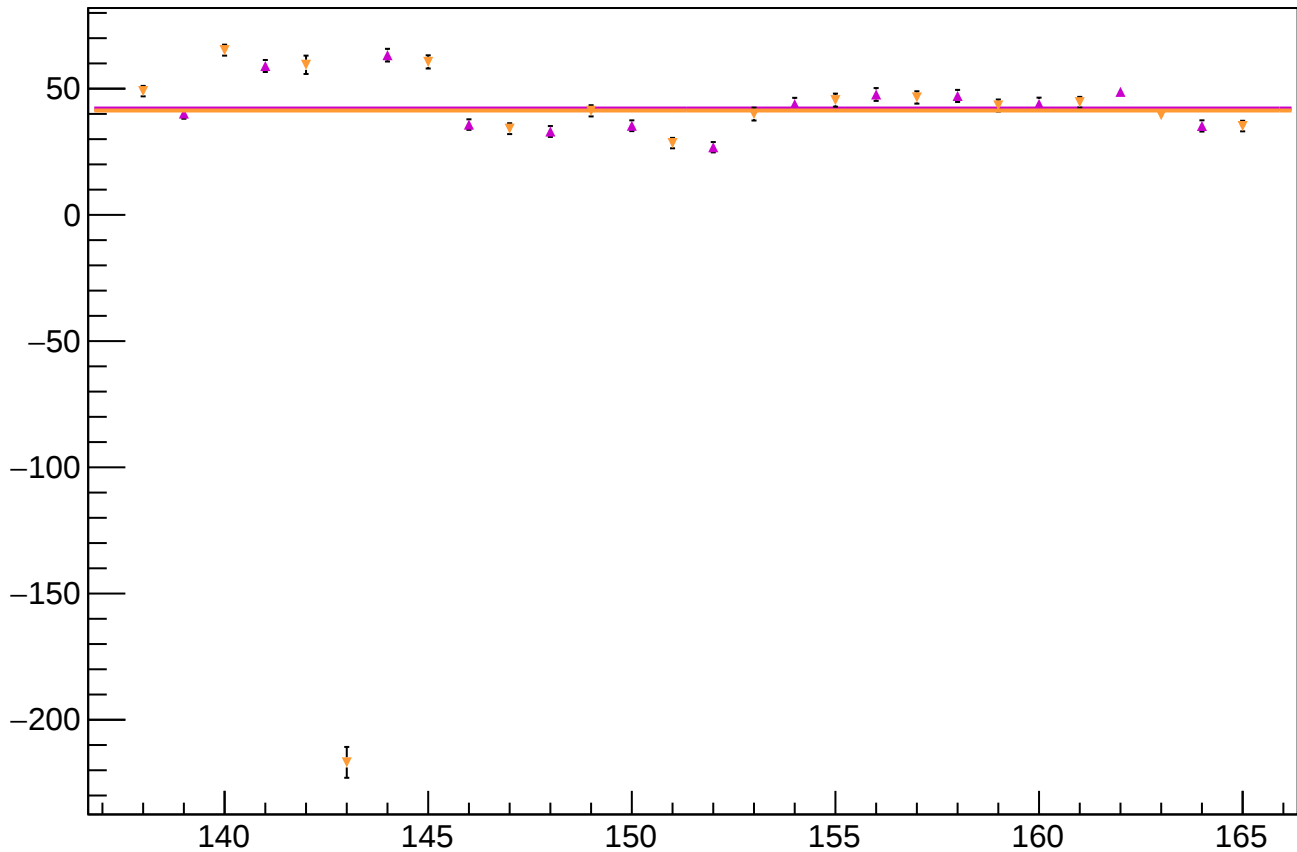
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -266.457+/-0.089 χ^2/NDF : 248839.3/29

Out: -254.389+/-0.083 χ^2/NDF : 363475.7/33

All: -260.026+/-0.061 χ^2/NDF : 622119.3/63

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 41.351 $\pm$ 0.609 χ^2/NDF :2069.6/14

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 42.126 $\pm$ 0.620 χ^2/NDF :246.9/12

Left: 41.731 $\pm$ 0.435 χ^2/NDF : 2317.3/27

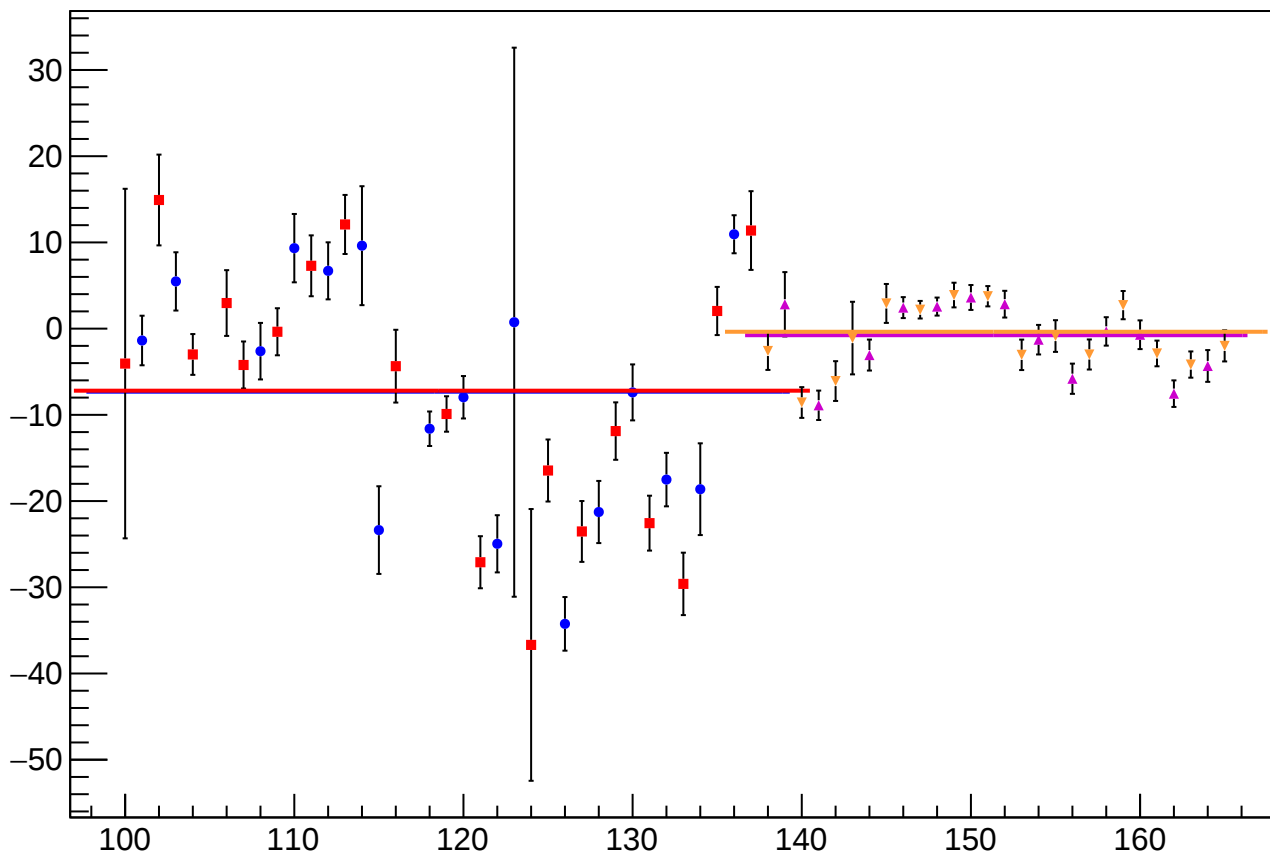
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 42.126 $\pm$ 0.620 χ^2/NDF :246.9/12

Out: 41.351 $\pm$ 0.609 χ^2/NDF :2069.6/14

All: 41.731 $\pm$ 0.435 χ^2/NDF : 2317.3/27

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: -0.363 ± 0.421 χ^2/NDF : 76.1/14

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -0.763 ± 0.433 χ^2/NDF : 88.5/12

Left: -0.557 ± 0.302 χ^2/NDF : 165.0/27

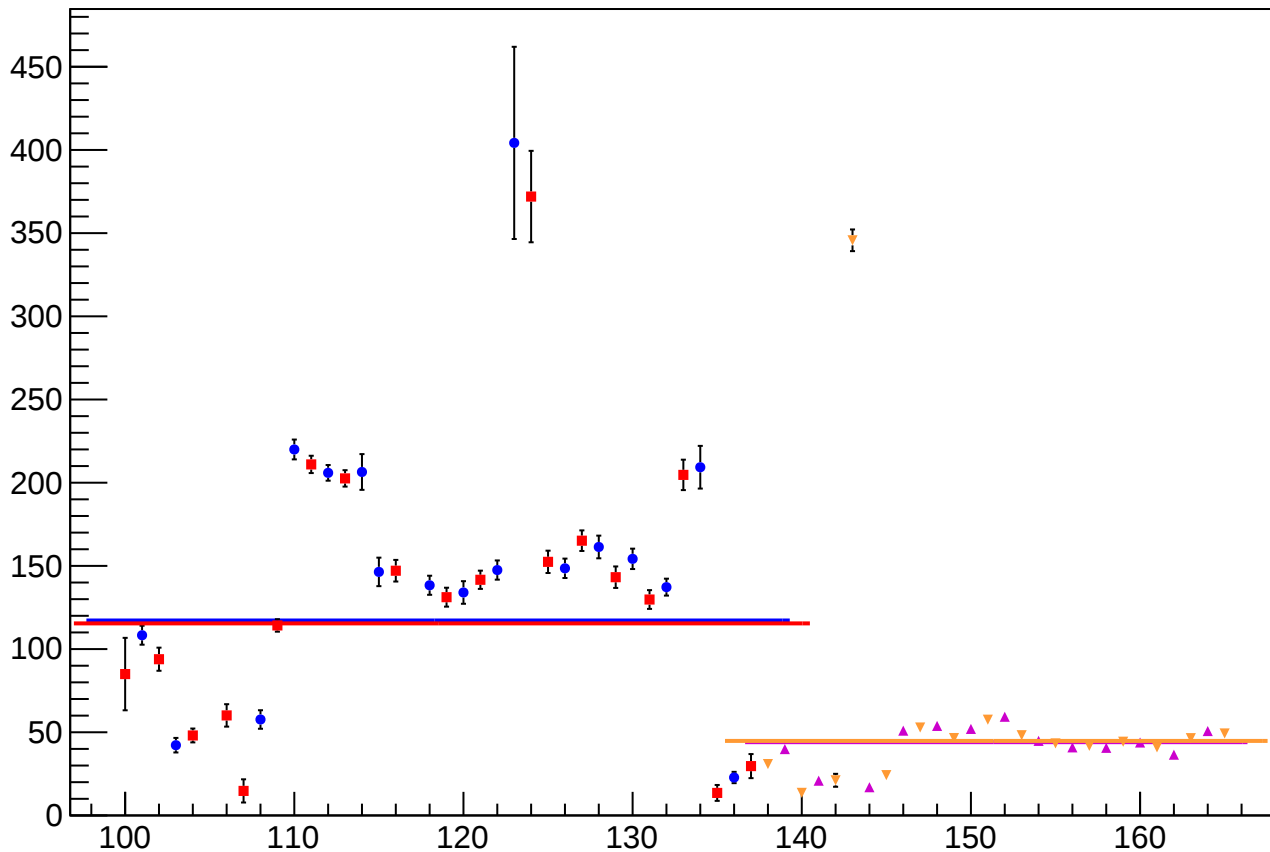
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.308 ± 0.379 χ^2/NDF : 421.4/29

Out: -1.963 ± 0.368 χ^2/NDF : 389.9/33

All: -2.131 ± 0.264 χ^2/NDF : 811.8/63

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: 44.801+/-0.593 χ^2/NDF :2518.1/14

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.045+/-0.601 χ^2/NDF :331.2/12

Left: 44.428+/-0.422 χ^2/NDF : 2850.1/27

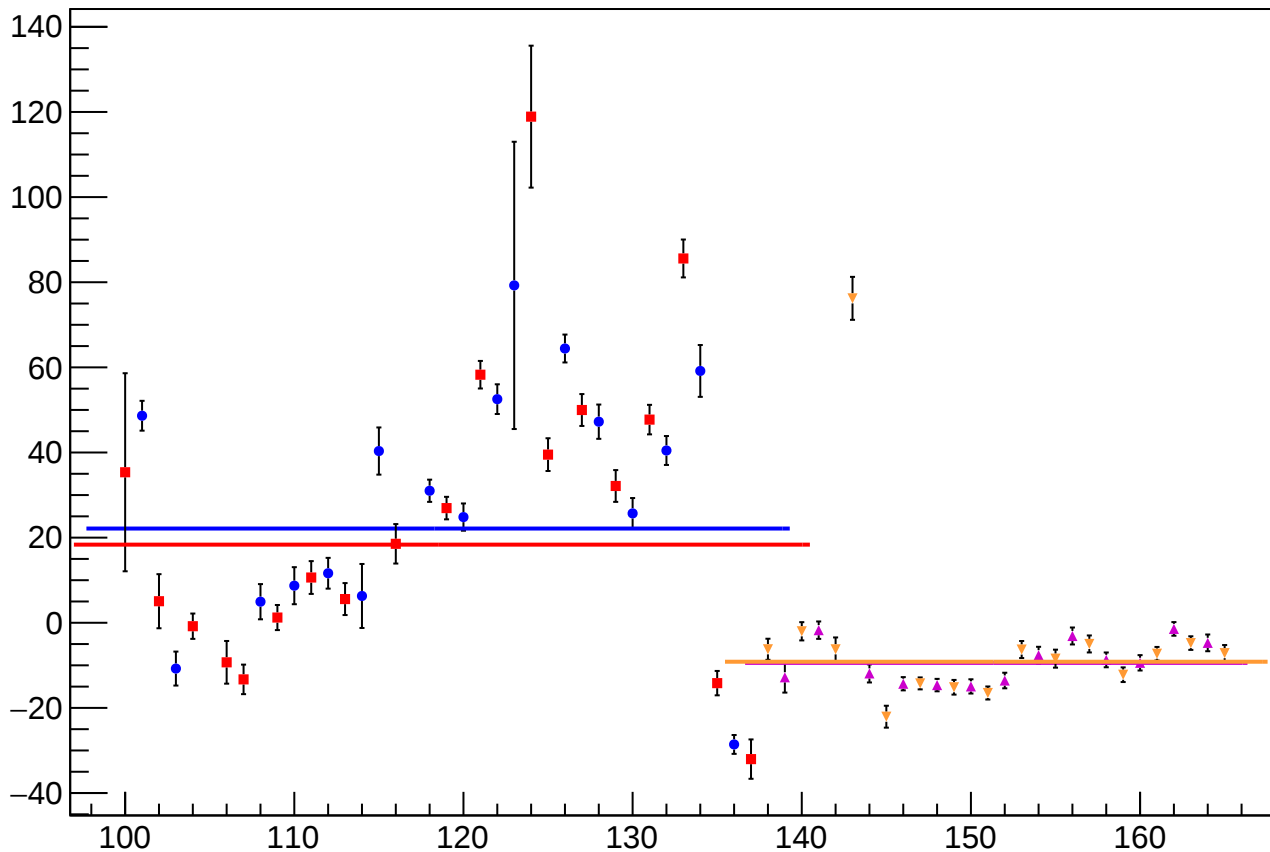
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 55.283+/-0.553 χ^2/NDF :4763.2/29

Out: 56.087+/-0.544 χ^2/NDF :6934.0/33

All: 55.692+/-0.388 χ^2/NDF : 11698.3/63

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136±/0.891 χ^2 /NDF: 1064.1/16

Left Out: -9.154±/0.494 χ^2 /NDF:392.7/14

Right Out: 18.355±/0.871 χ^2 /NDF: 1070.9/18

Left In: -9.429±/0.509 χ^2 /NDF:96.7/12

Left: -9.287±/0.354 χ^2 /NDF: 489.6/27

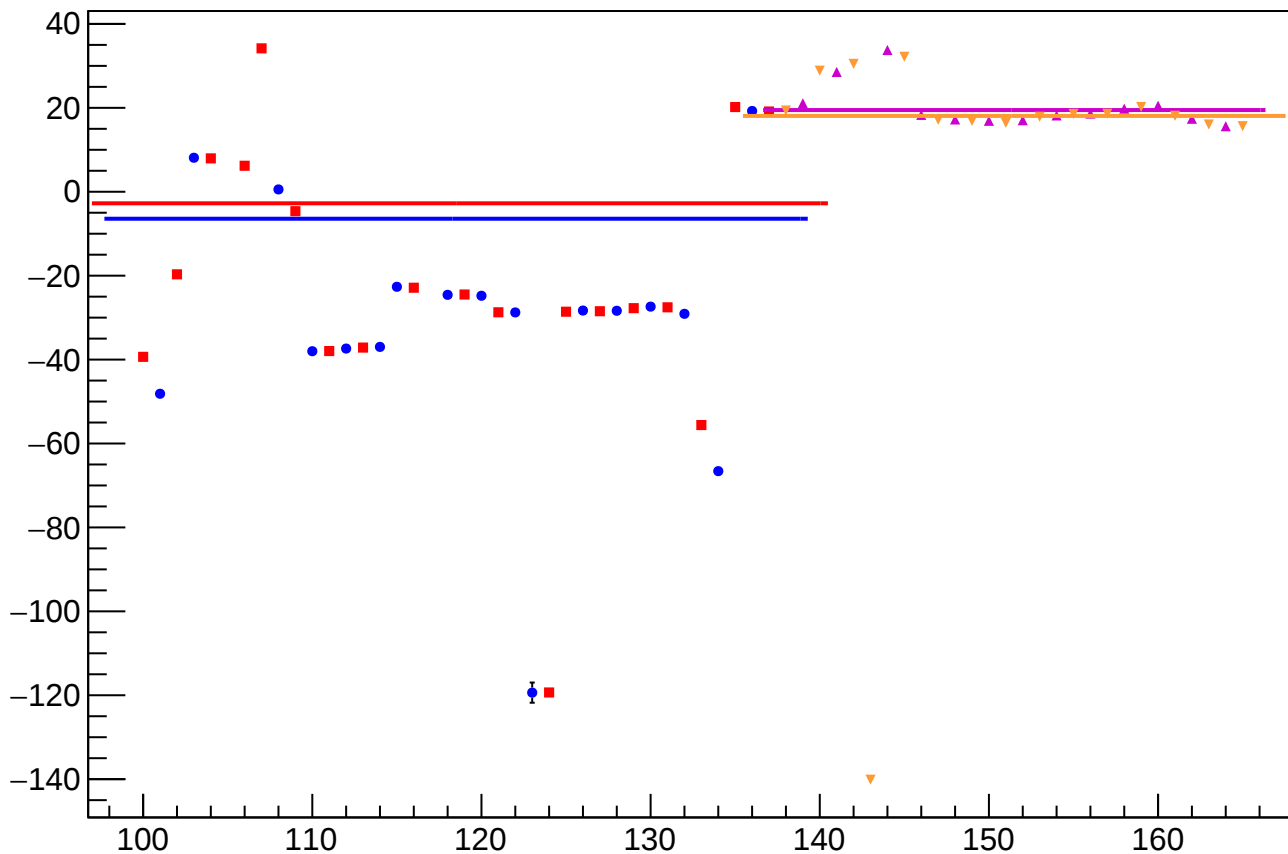
Right: 20.203±/0.623 χ^2 /NDF: 2144.2/35

In: -1.674±/0.442 χ^2 /NDF:2107.2/29

Out: -2.457±/0.430 χ^2 /NDF:2217.6/33

All: -2.076±/0.308 χ^2 /NDF: 4326.4/63

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: 18.074 ± 0.023 χ^2/NDF : 401959.6/14

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 19.473 ± 0.024 χ^2/NDF : 28989.2/12

Left: 18.767 ± 0.017 χ^2/NDF : 432732.6/27

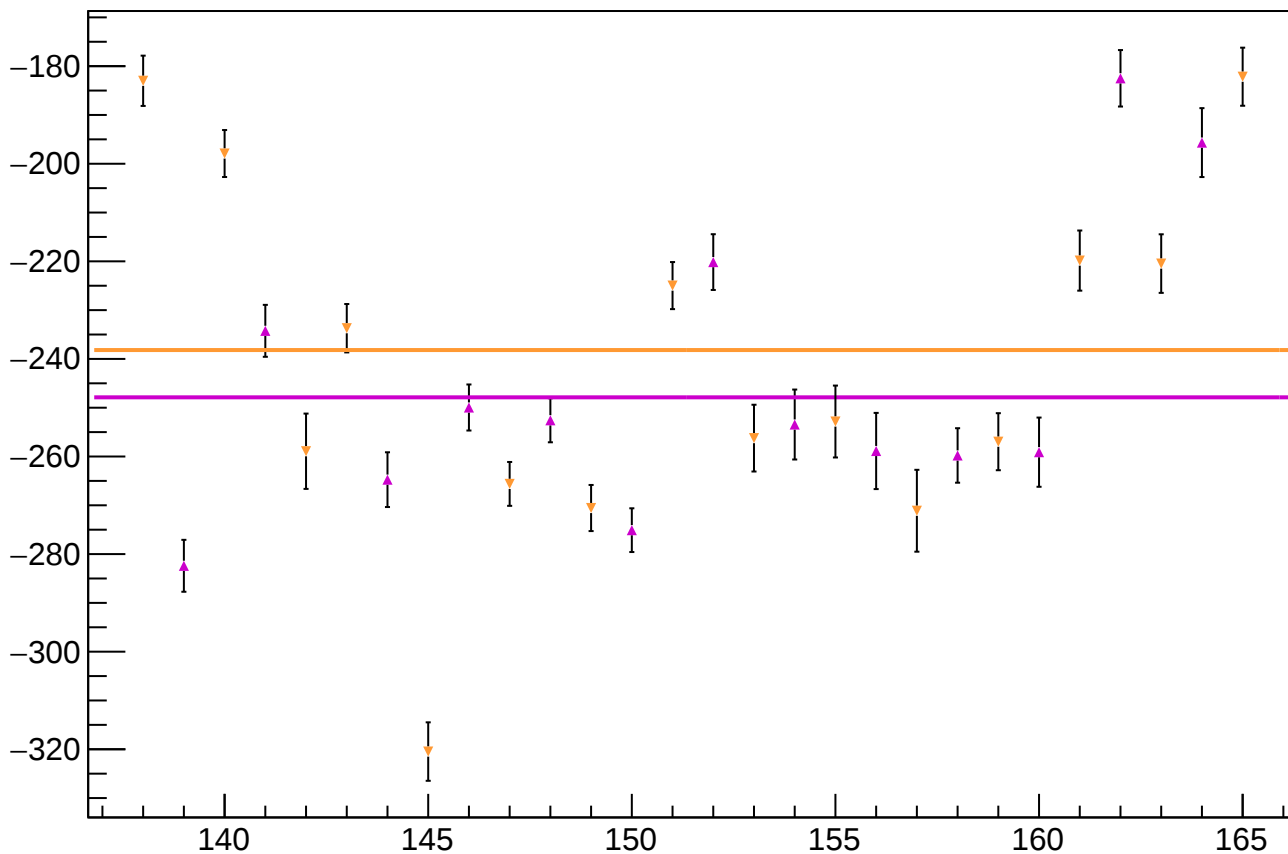
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 14.137 ± 0.021 χ^2/NDF : 543576.6/29

Out: 13.773 ± 0.021 χ^2/NDF : 833192.0/33

All: 13.954 ± 0.015 χ^2/NDF : 1376920.6/63

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: -238.182+/-1.460 χ^2/NDF :615.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -247.873+/-1.553 χ^2/NDF :311.4/12

Left: -242.729+/-1.064 χ^2/NDF : 947.9/27

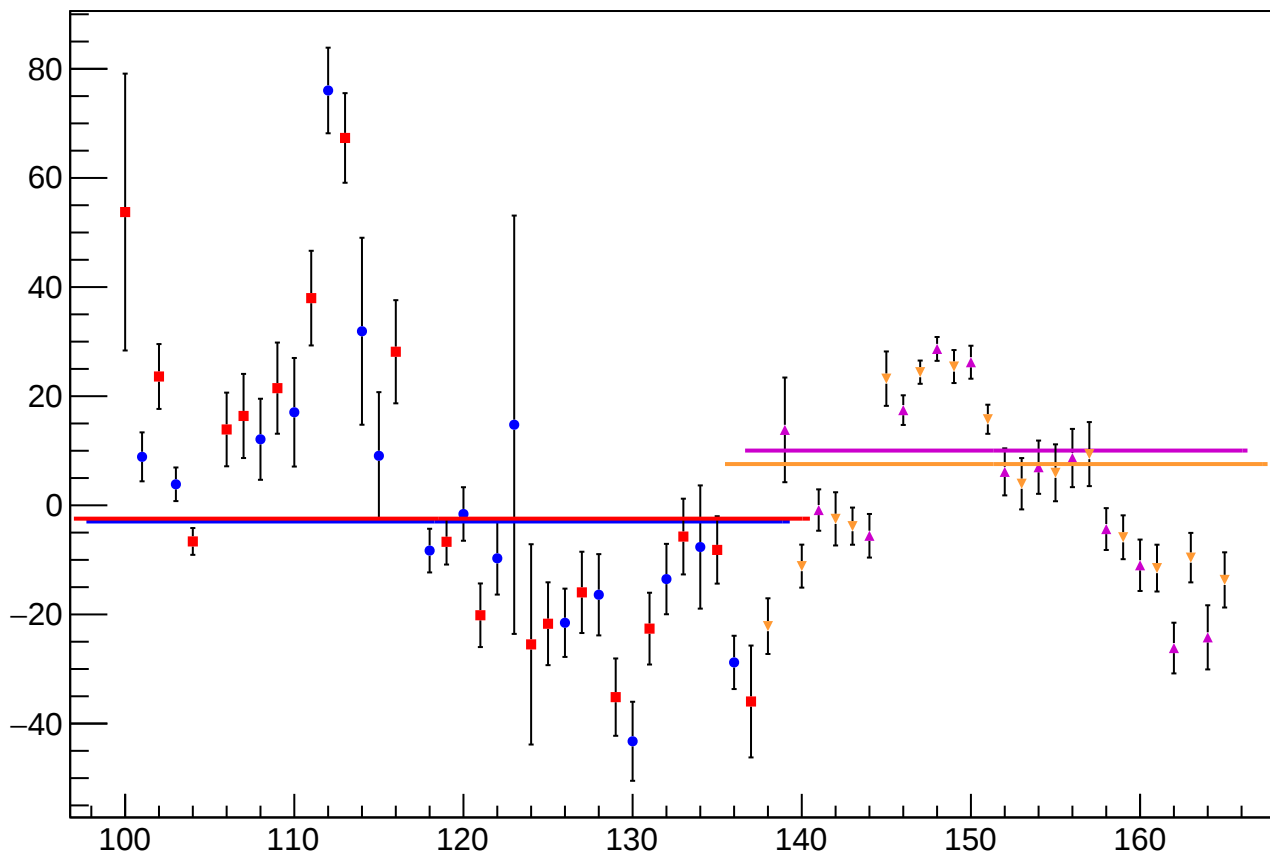
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -247.873+/-1.553 χ^2/NDF :311.4/12

Out: -238.182+/-1.460 χ^2/NDF :615.9/14

All: -242.729+/-1.064 χ^2/NDF : 947.9/27

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: 7.561 ± 0.973 χ^2/NDF : 252.2/14

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 10.034 ± 1.045 χ^2/NDF : 262.3/12

Left: 8.710 ± 0.712 χ^2/NDF : 517.5/27

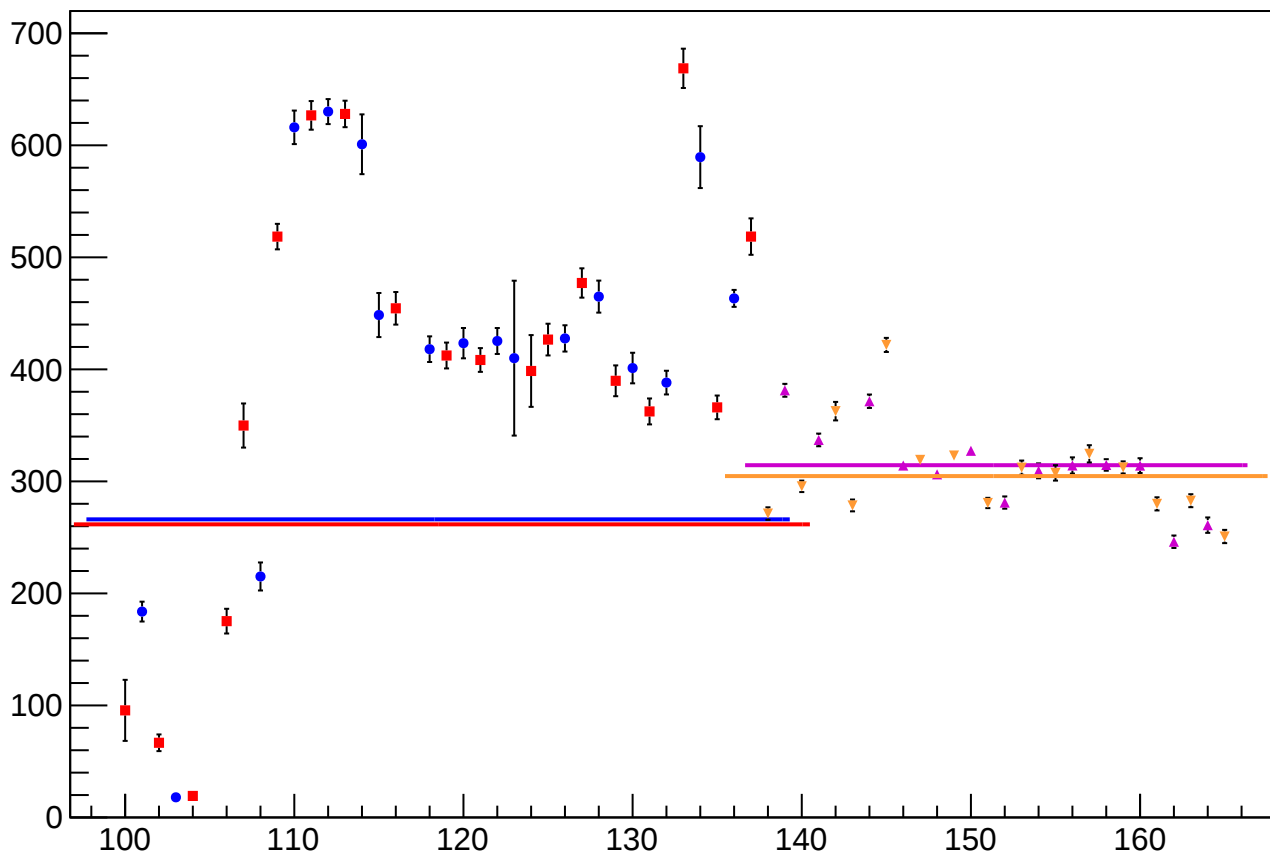
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 5.602 ± 0.848 χ^2/NDF : 518.6/29

Out: 4.292 ± 0.798 χ^2/NDF : 502.1/33

All: 4.908 ± 0.581 χ^2/NDF : 1022.0/63

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: 304.733 $\pm$ 1.435 χ^2 /NDF:641.0/14

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 314.446 $\pm$ 1.507 χ^2 /NDF:502.9/12

Left: 309.353 $\pm$ 1.039 χ^2 /NDF: 1165.7/27

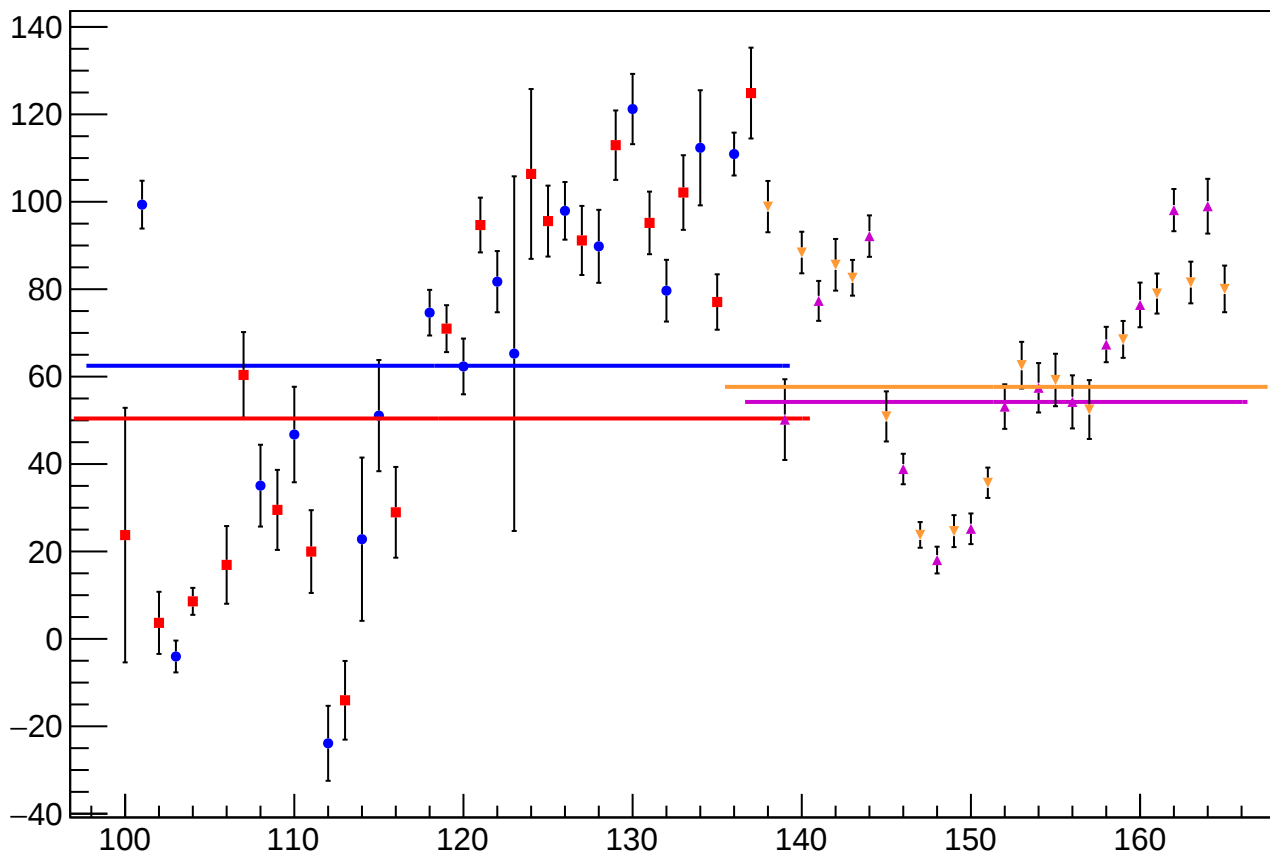
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 301.410 $\pm$ 1.288 χ^2 /NDF:8424.3/29

Out: 293.765 $\pm$ 1.239 χ^2 /NDF:9079.9/33

All: 297.440 $\pm$ 0.893 χ^2 /NDF: 17522.4/63

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 57.657+/-1.168 χ^2/NDF : 479.0/14

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 54.207+/-1.251 χ^2/NDF : 481.0/12

Left: 56.051+/-0.853 χ^2/NDF : 964.1/27

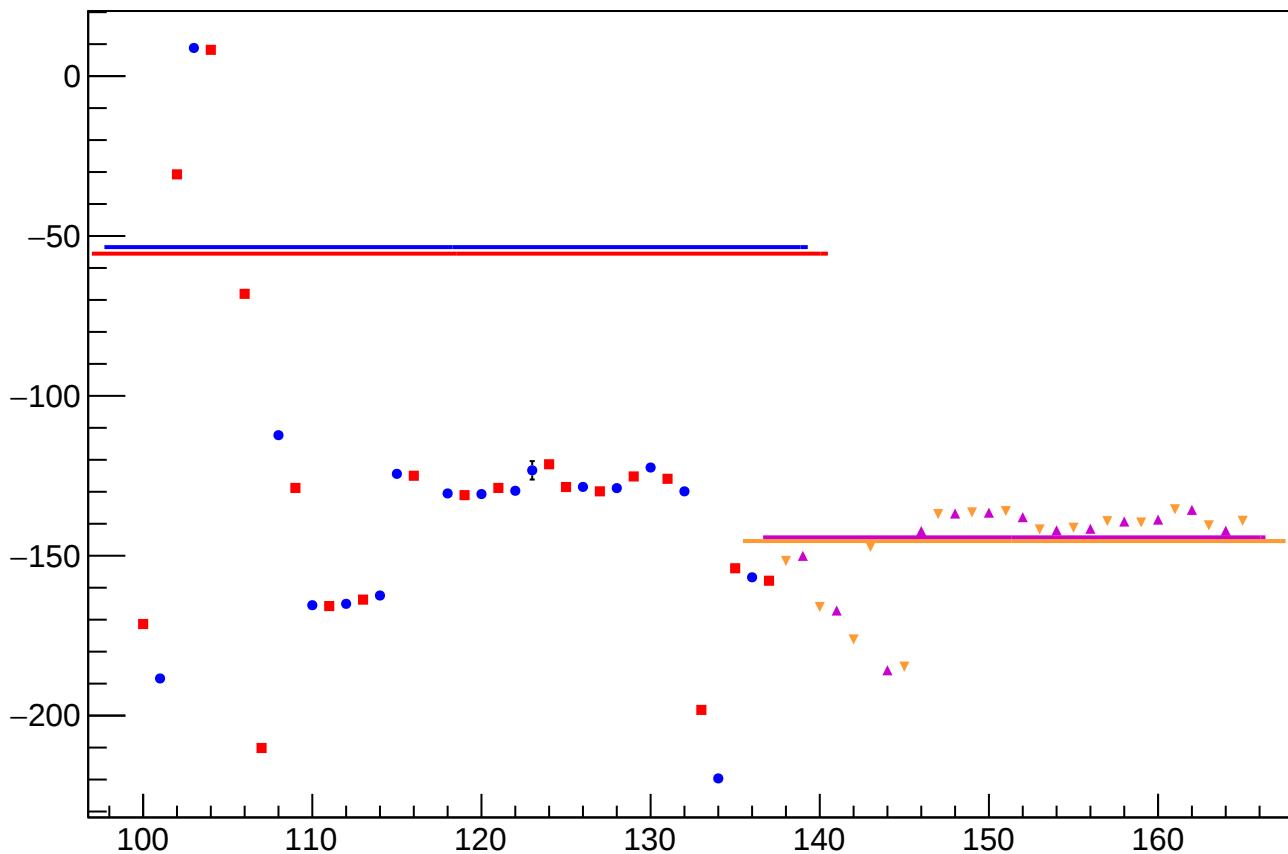
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 57.157+/-1.003 χ^2/NDF : 1217.4/29

Out: 55.227+/-0.951 χ^2/NDF : 1143.4/33

All: 56.141+/-0.690 χ^2/NDF : 2362.7/63

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: -145.411 $\pm$ 0.058 χ^2 /NDF: 54339.4/14

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -144.253 $\pm$ 0.060 χ^2 /NDF: 43348.3/12

Left: -144.854 $\pm$ 0.042 χ^2 /NDF: 97881.3/27

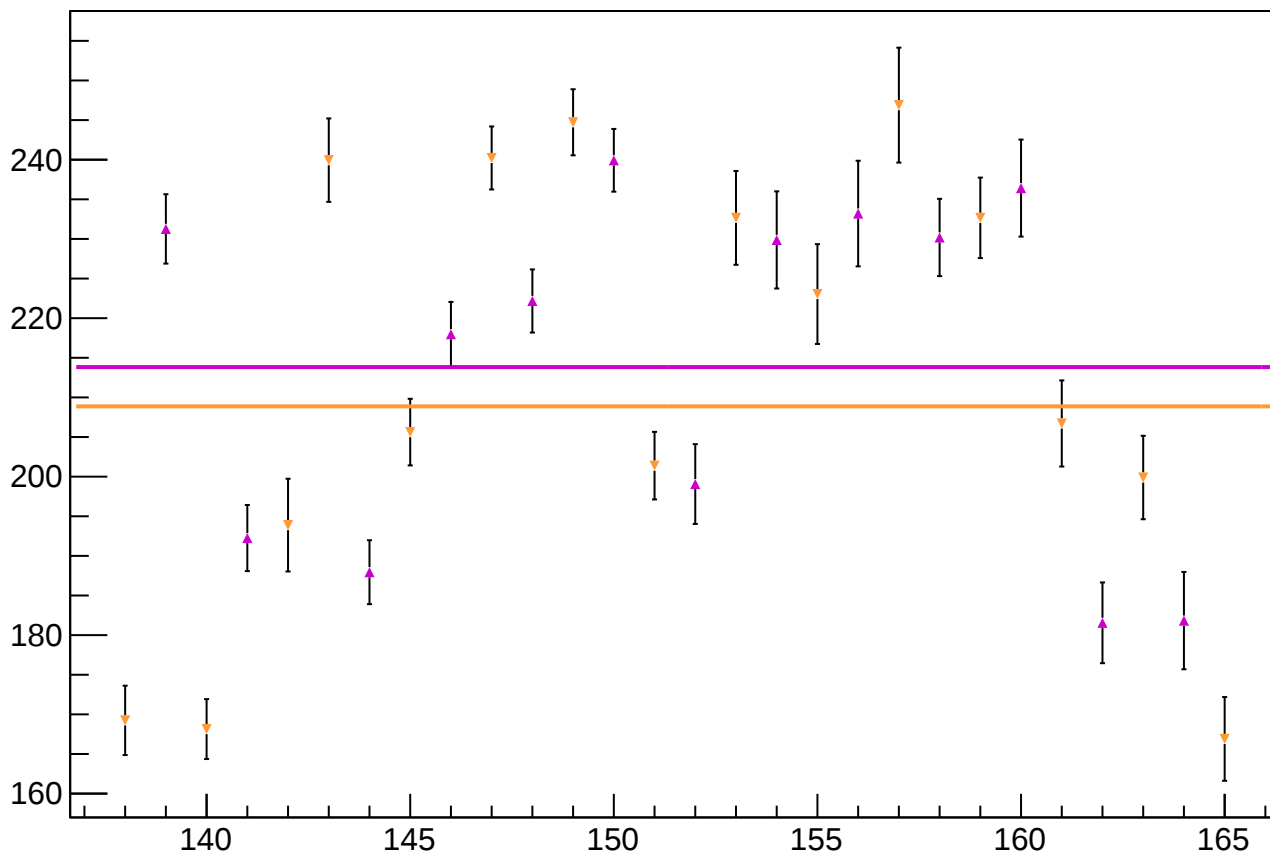
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -106.028 $\pm$ 0.046 χ^2 /NDF: 2236965.4/29

Out: -110.199 $\pm$ 0.045 χ^2 /NDF: 1975050.6/33

All: -108.142 $\pm$ 0.032 χ^2 /NDF: 4216252.3/63

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 208.869 $\pm$ 1.253 χ^2 /NDF:516.0/14

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 213.828 $\pm$ 1.313 χ^2 /NDF:248.7/12

Left: 211.233 $\pm$ 0.906 χ^2 /NDF: 772.1/27

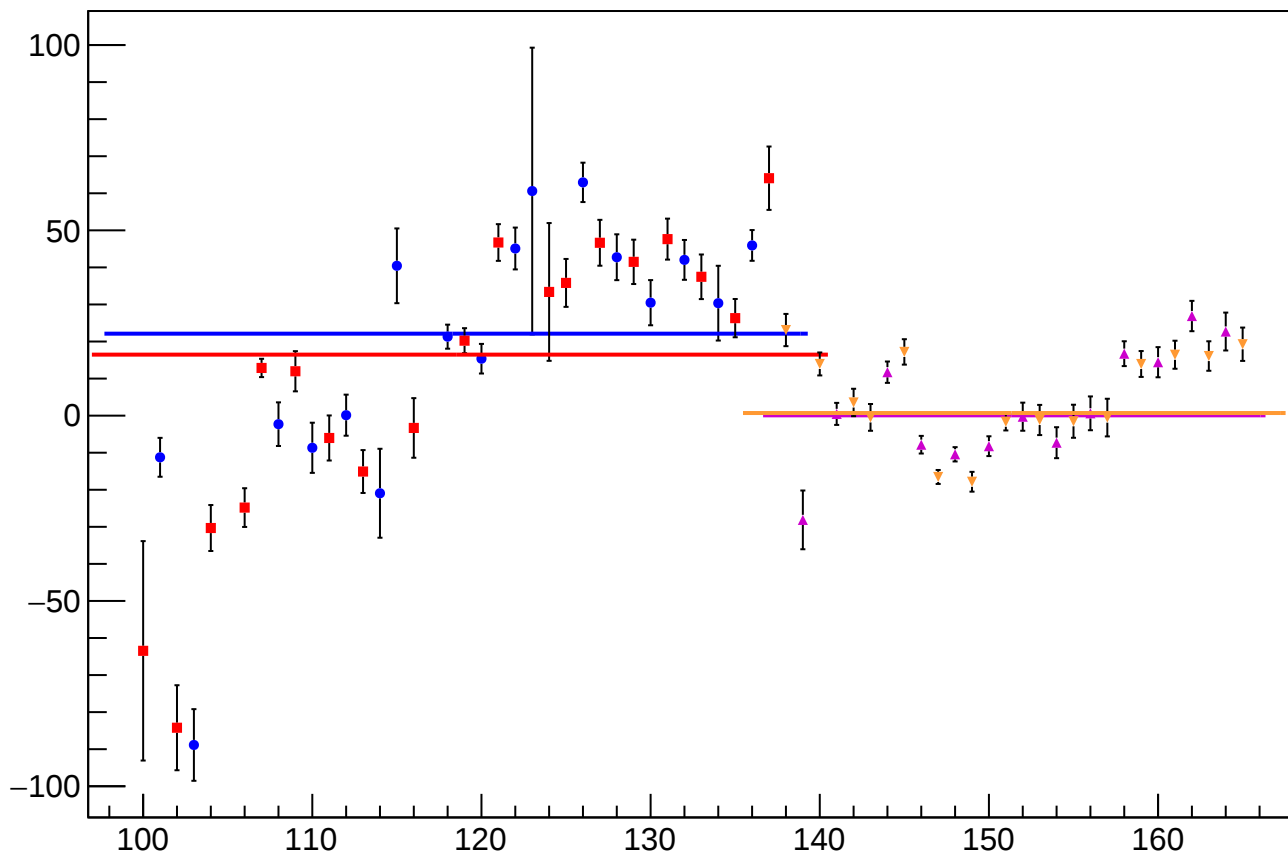
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 213.828 $\pm$ 1.313 χ^2 /NDF:248.7/12

Out: 208.869 $\pm$ 1.253 χ^2 /NDF:516.0/14

All: 211.233 $\pm$ 0.906 χ^2 /NDF: 772.1/27

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 0.708 ± 0.843 $\chi^2/\text{NDF}: 265.8/14$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 0.083 ± 0.892 $\chi^2/\text{NDF}: 182.1/12$

Left: 0.413 ± 0.613 $\chi^2/\text{NDF}: 448.2/27$

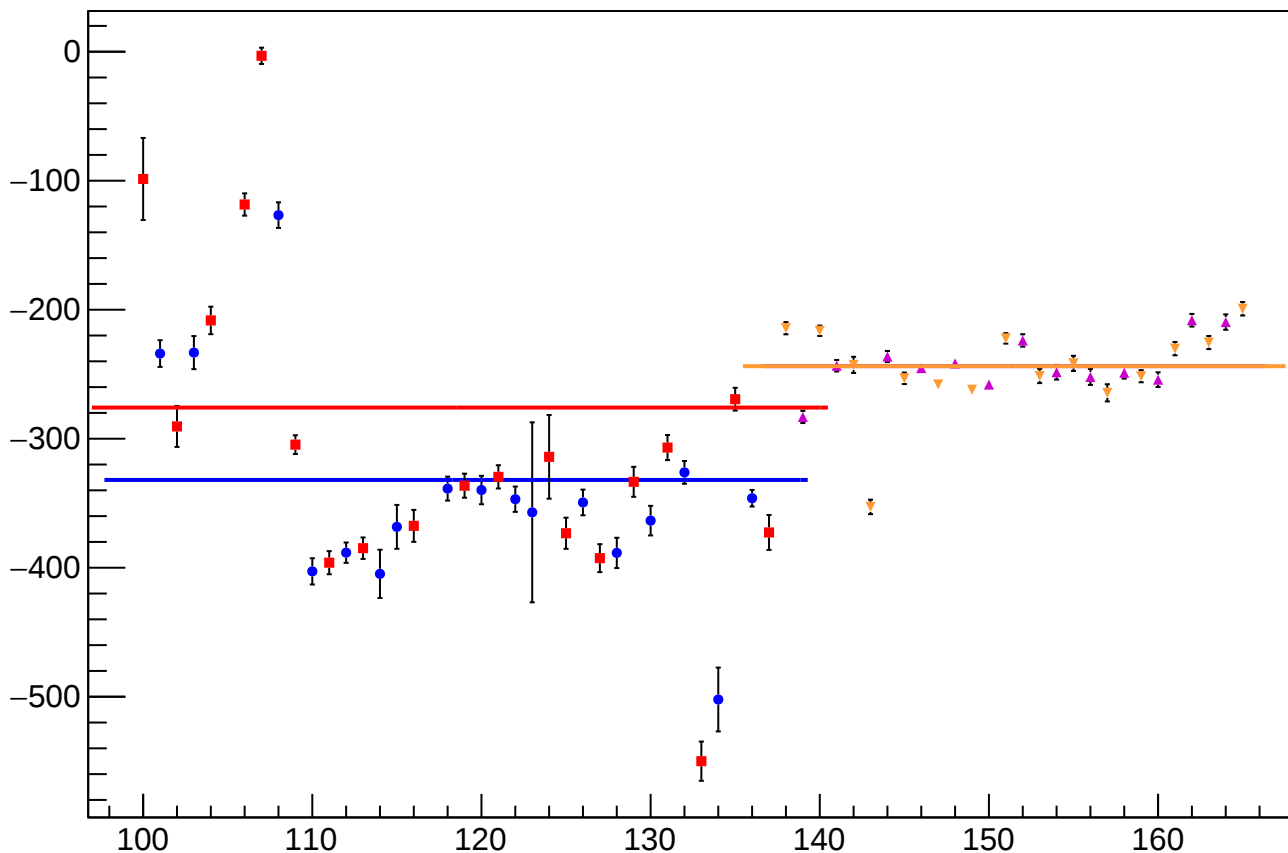
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 6.600 ± 0.749 $\chi^2/\text{NDF}: 744.6/29$

Out: 5.754 ± 0.695 $\chi^2/\text{NDF}: 801.8/33$

All: 6.145 ± 0.509 $\chi^2/\text{NDF}: 1547.1/63$

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: -243.775+/-1.236 χ^2/NDF :637.7/14

Right Out: -275.853+/-2.323 χ^2/NDF : 3361.7/18

Left In: -243.709+/-1.281 χ^2/NDF :196.9/12

Left: -243.743+/-0.890 χ^2/NDF : 834.5/27

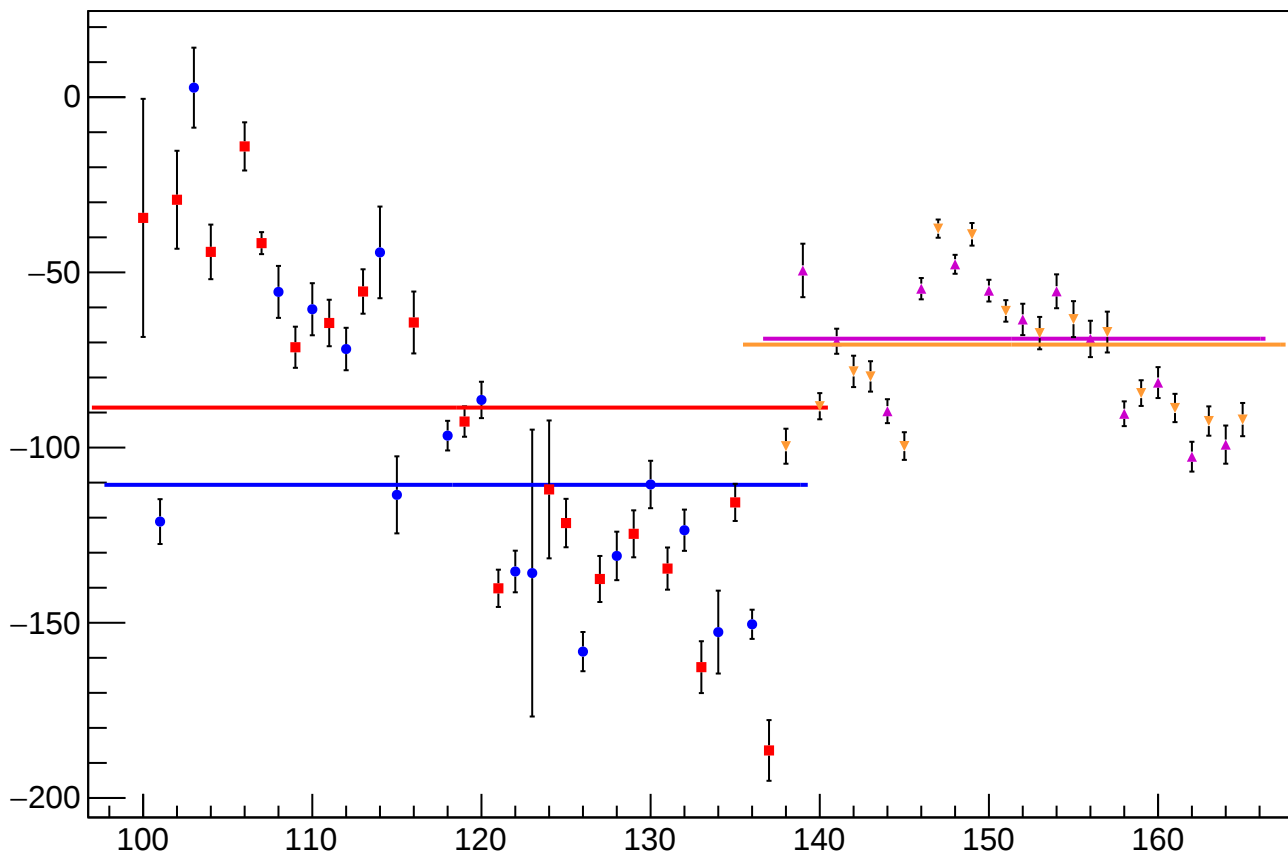
Right: -301.110+/-1.723 χ^2/NDF : 4409.7/35

In: -261.302+/-1.146 χ^2/NDF :1928.4/29

Out: -250.851+/-1.091 χ^2/NDF :4147.9/33

All: -255.819+/-0.790 χ^2/NDF : 6119.9/63

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: -70.607 ± 1.010 χ^2/NDF : 468.9/14

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -68.931 ± 1.066 χ^2/NDF : 294.2/12

Left: -69.815 ± 0.733 χ^2/NDF : 764.4/27

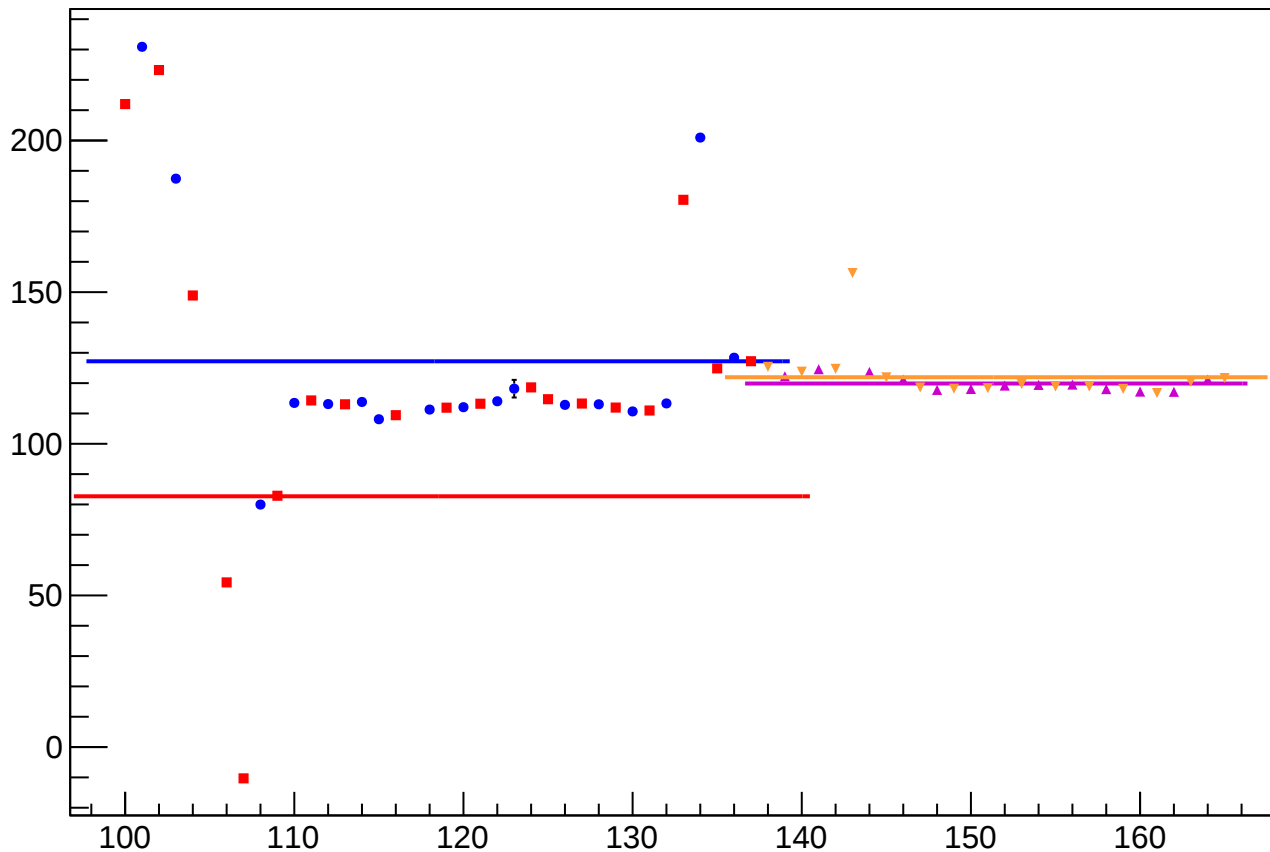
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -81.960 ± 0.884 χ^2/NDF : 1281.4/29

Out: -76.571 ± 0.825 χ^2/NDF : 1540.6/33

All: -79.082 ± 0.603 χ^2/NDF : 2841.8/63

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.944 $\pm$ 0.050 χ^2 /NDF: 26746.1/14

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 119.874 $\pm$ 0.051 χ^2 /NDF: 2197.8/12

Left: 120.938 $\pm$ 0.036 χ^2 /NDF: 29789.9/27

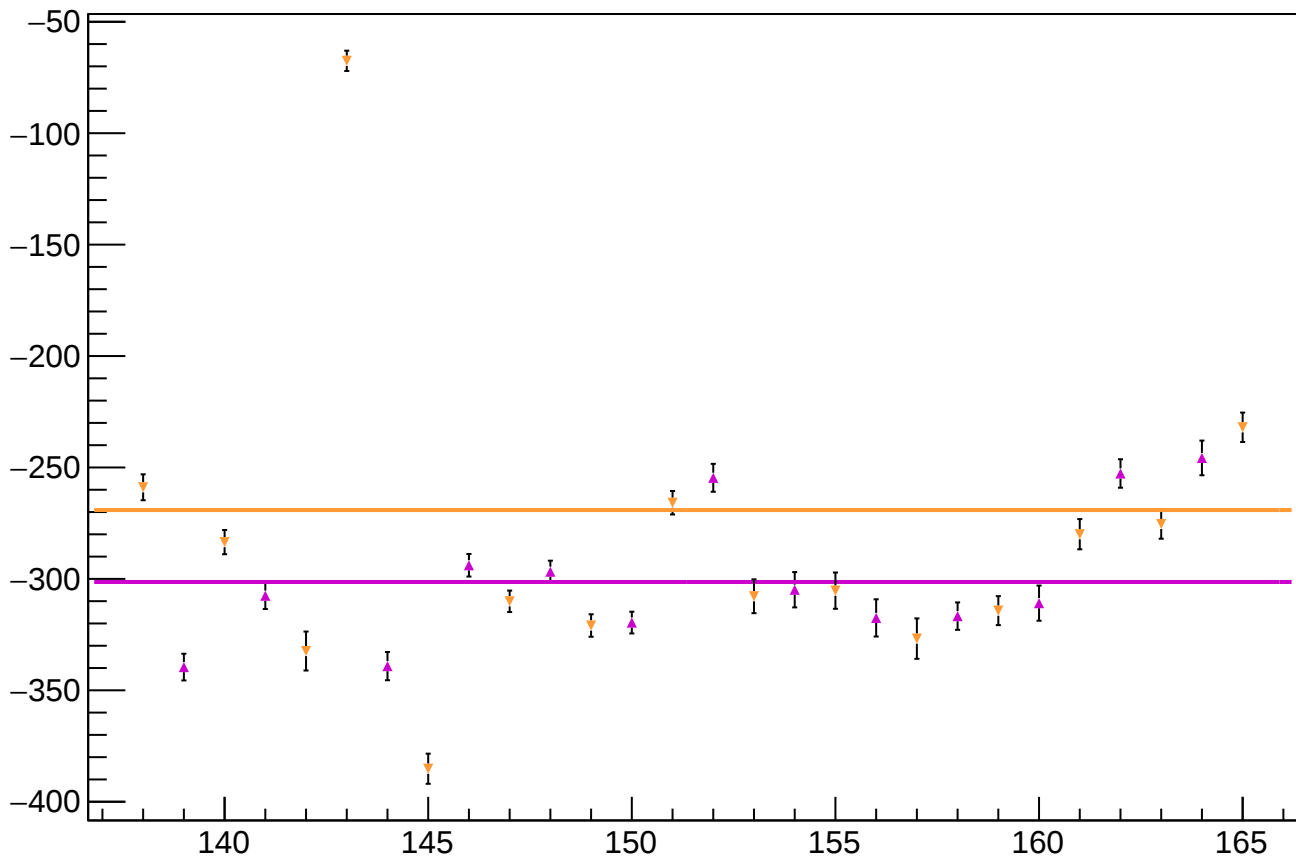
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.683 $\pm$ 0.044 χ^2 /NDF: 195319.1/29

Out: 110.055 $\pm$ 0.041 χ^2 /NDF: 981987.4/33

All: 115.484 $\pm$ 0.030 χ^2 /NDF: 1214083.7/63

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: -269.111+/-1.580 χ^2/NDF :2667.6/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -301.384+/-1.710 χ^2/NDF :270.7/12

Left: -283.970+/-1.161 χ^2/NDF : 3130.5/27

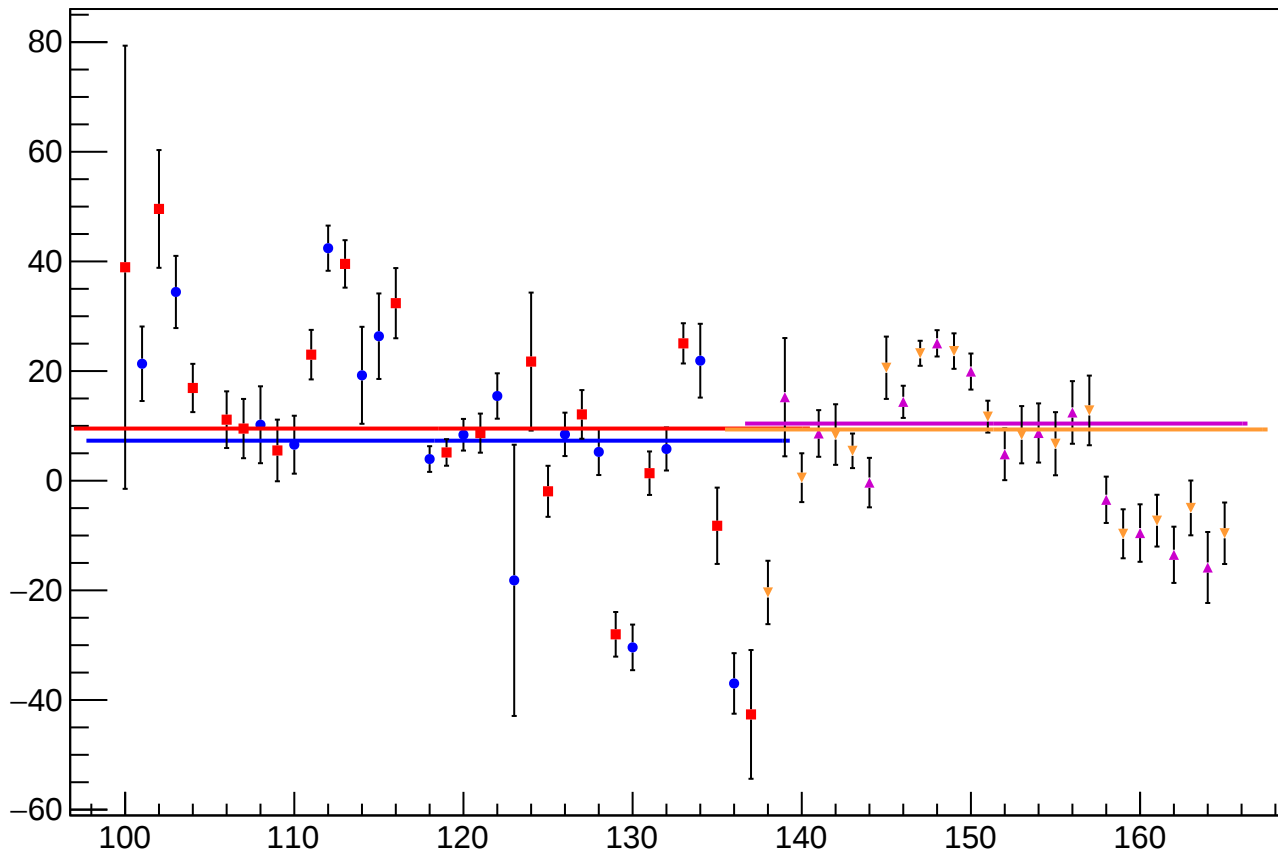
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -301.384+/-1.710 χ^2/NDF :270.7/12

Out: -269.111+/-1.580 χ^2/NDF :2667.6/14

All: -283.970+/-1.161 χ^2/NDF : 3130.5/27

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: 9.346+/-1.049 χ^2/NDF :143.7/14

Right Out: 9.513+/-1.073 χ^2/NDF : 231.7/18

Left In: 10.425+/-1.148 χ^2/NDF :118.6/12

Left: 9.837+/-0.774 χ^2/NDF : 262.7/27

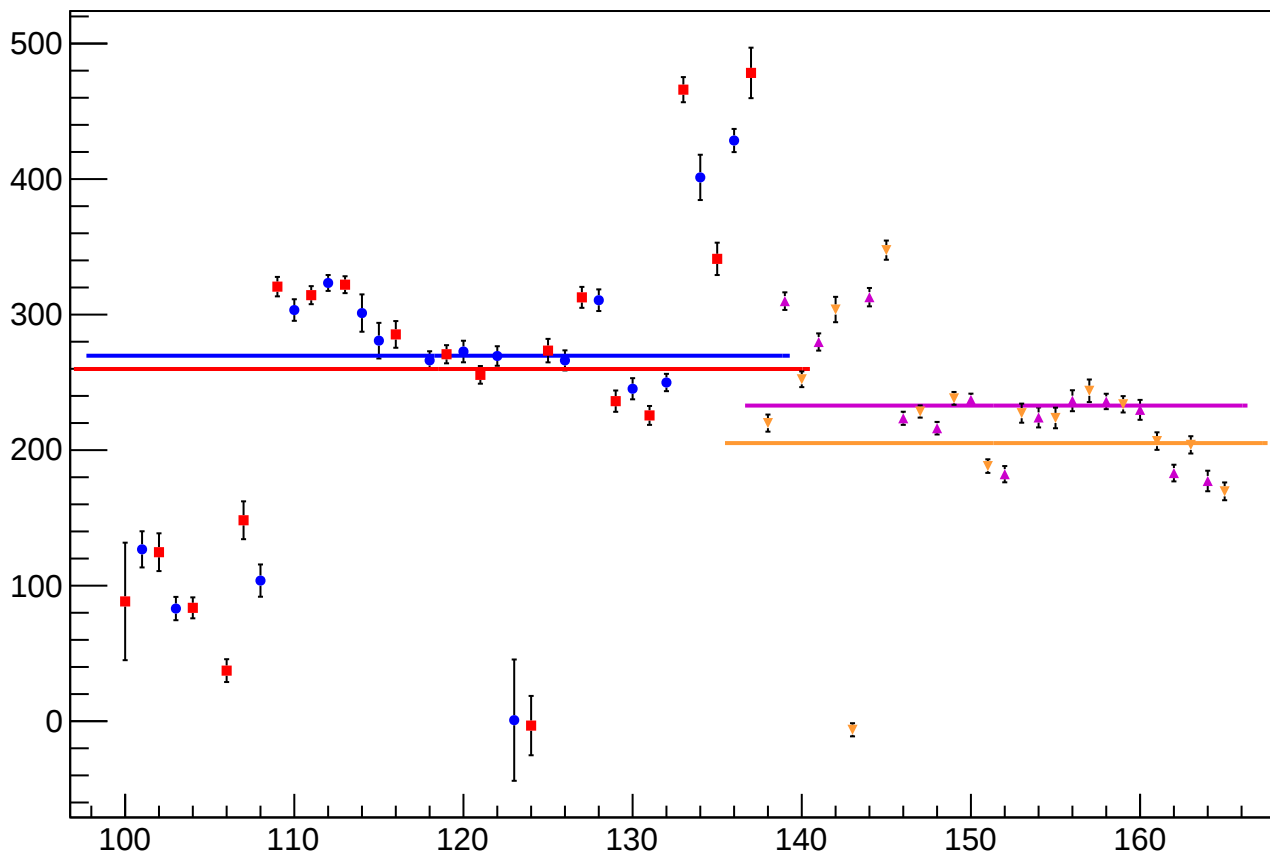
Right: 8.421+/-0.763 χ^2/NDF : 494.4/35

In: 8.776+/-0.789 χ^2/NDF :383.1/29

Out: 9.428+/-0.750 χ^2/NDF :375.4/33

All: 9.119+/-0.544 χ^2/NDF : 758.8/63

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: 205.201 $\pm$ 1.555 χ^2/NDF : 2663.0/14

Right Out: 259.869 $\pm$ 1.977 χ^2/NDF : 2543.7/18

Left In: 232.876 $\pm$ 1.658 χ^2/NDF : 544.9/12

Left: 218.151 $\pm$ 1.134 χ^2/NDF : 3356.2/27

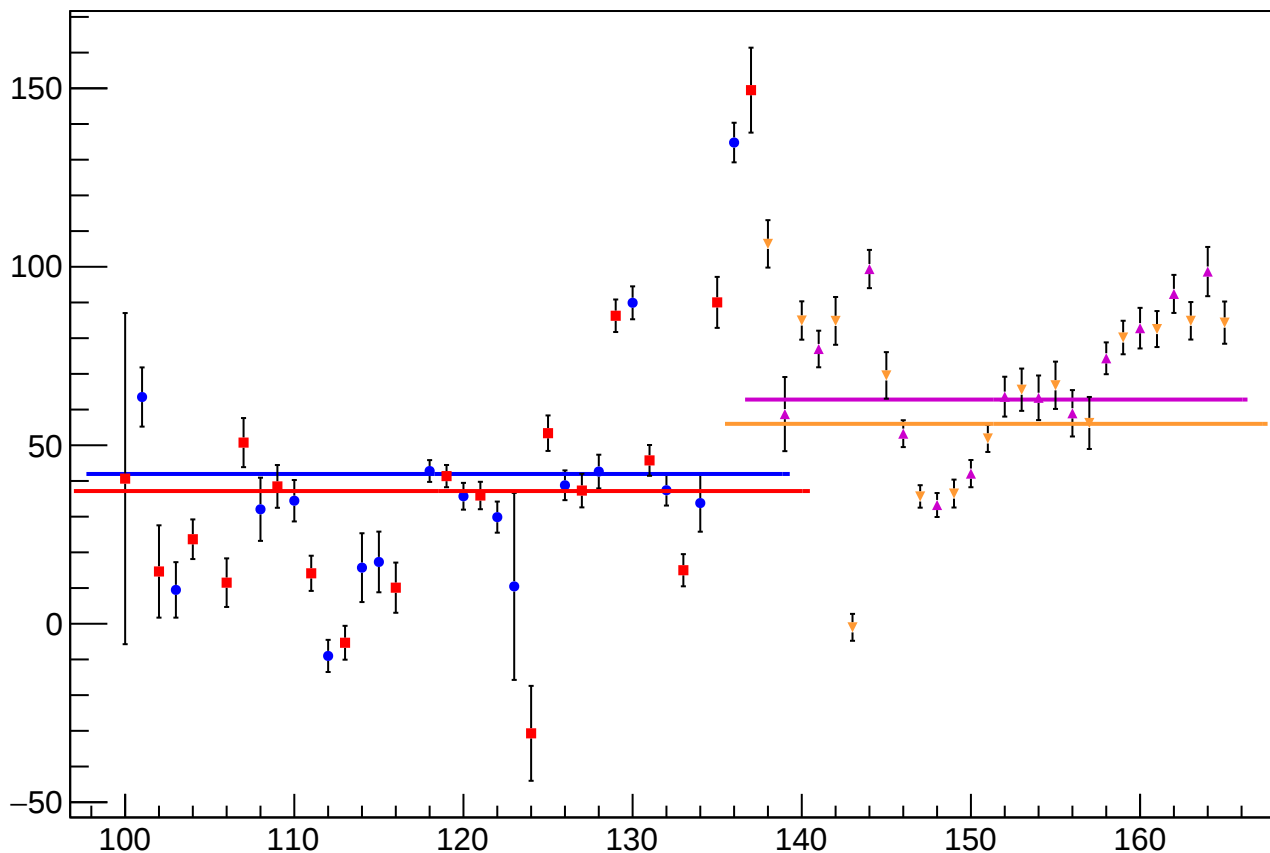
Right: 264.527 $\pm$ 1.432 χ^2/NDF : 3931.9/35

In: 247.201 $\pm$ 1.296 χ^2/NDF : 2113.2/29

Out: 226.096 $\pm$ 1.222 χ^2/NDF : 5679.2/33

All: 236.034 $\pm$ 0.889 χ^2/NDF : 7932.8/63

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2/NDF : 574.2/16

Left Out: 56.001 $\pm$ 1.261 χ^2/NDF : 518.8/14

Right Out: 37.174 $\pm$ 1.236 χ^2/NDF : 470.9/18

Left In: 62.802 $\pm$ 1.375 χ^2/NDF : 245.1/12

Left: 59.108 $\pm$ 0.929 χ^2/NDF : 777.2/27

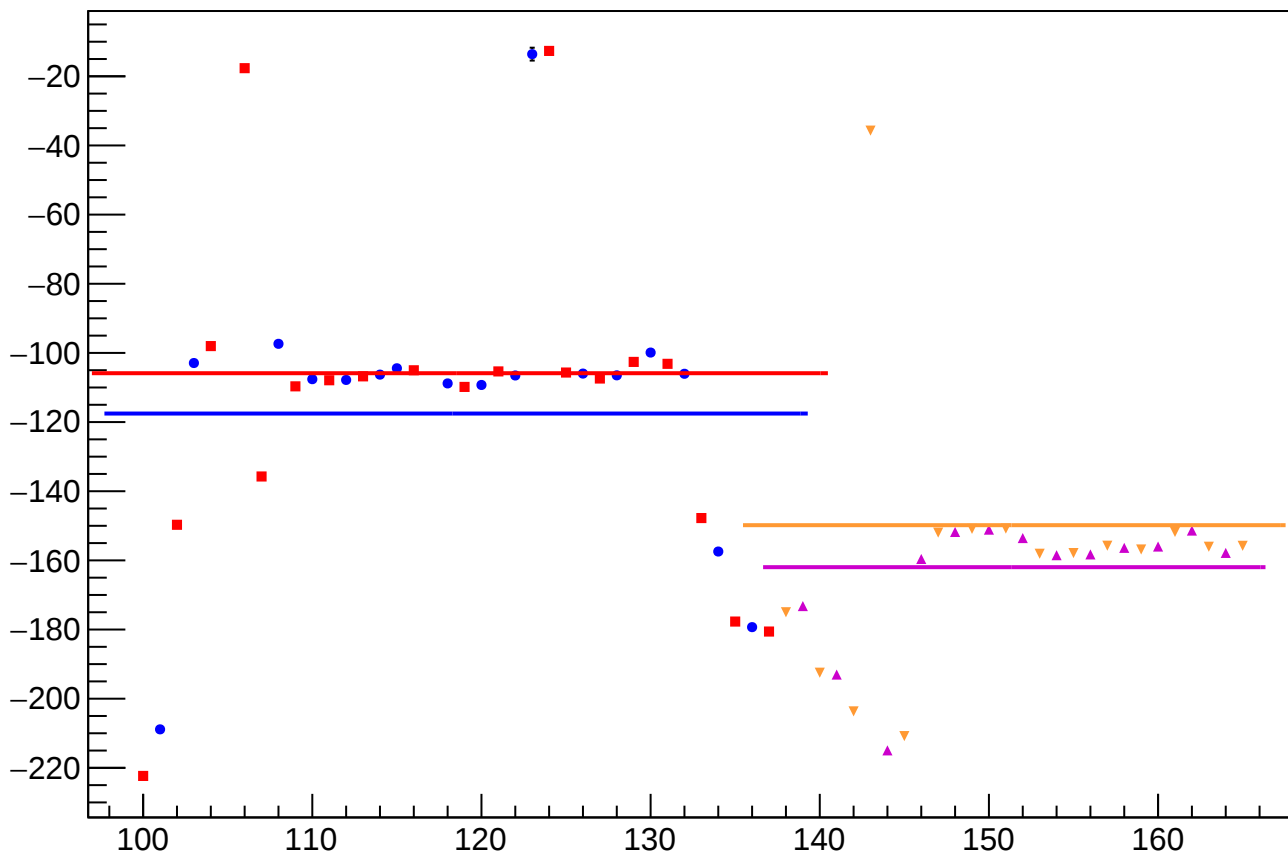
Right: 39.523 $\pm$ 0.882 χ^2/NDF : 1052.5/35

In: 51.459 $\pm$ 0.928 χ^2/NDF : 944.5/29

Out: 46.397 $\pm$ 0.883 χ^2/NDF : 1103.4/33

All: 48.801 $\pm$ 0.640 χ^2/NDF : 2063.5/63

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -149.821+/-0.063 χ^2/NDF : 454092.2/14

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -161.963+/-0.066 χ^2/NDF : 59623.1/12

Left: -155.565+/-0.045 χ^2/NDF : 531548.6/27

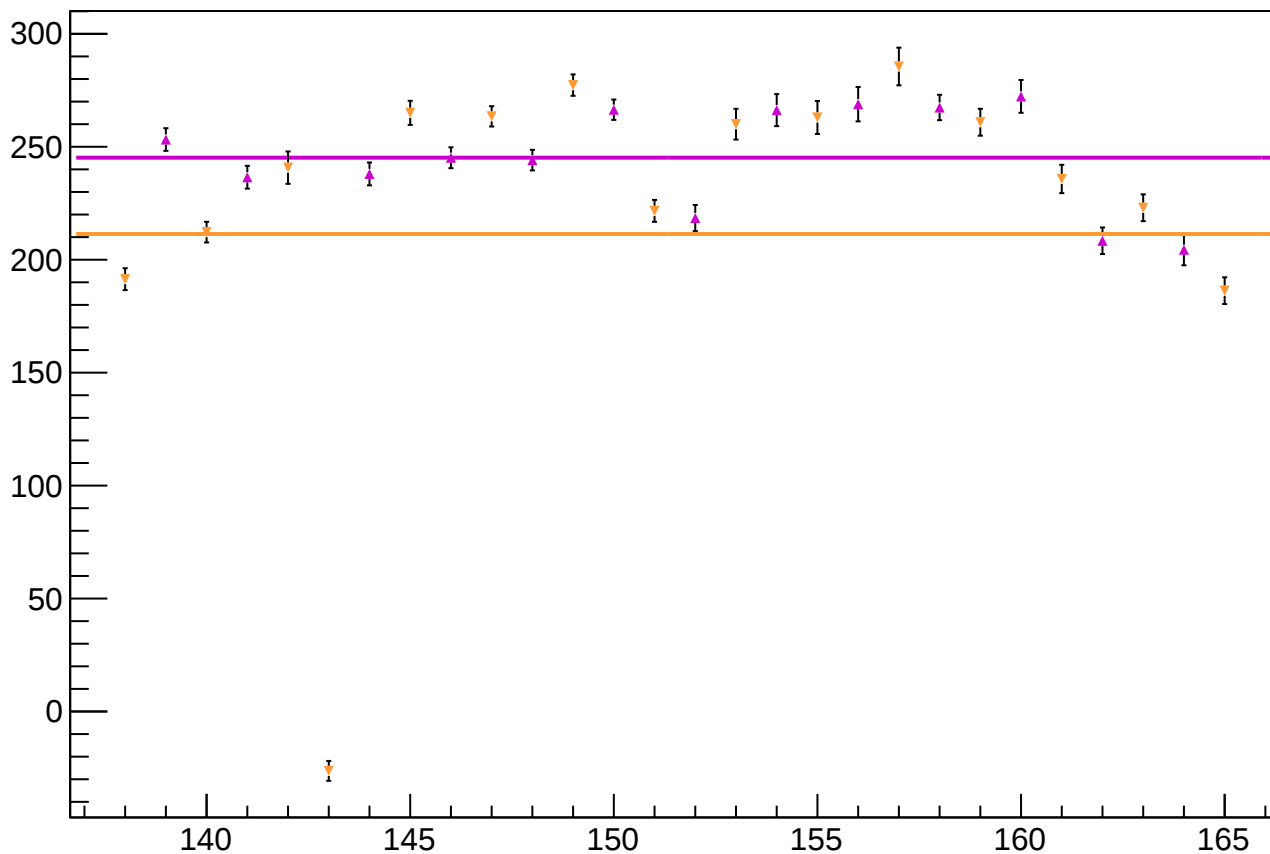
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -143.459+/-0.050 χ^2/NDF : 390389.5/29

Out: -131.149+/-0.047 χ^2/NDF : 988217.9/33

All: -136.929+/-0.035 χ^2/NDF : 1410231.7/63

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: 211.386+/-1.416 χ^2/NDF : 3677.7/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 245.180+/-1.524 χ^2/NDF : 173.6/12

Left: 227.040+/-1.037 χ^2/NDF : 4115.1/27

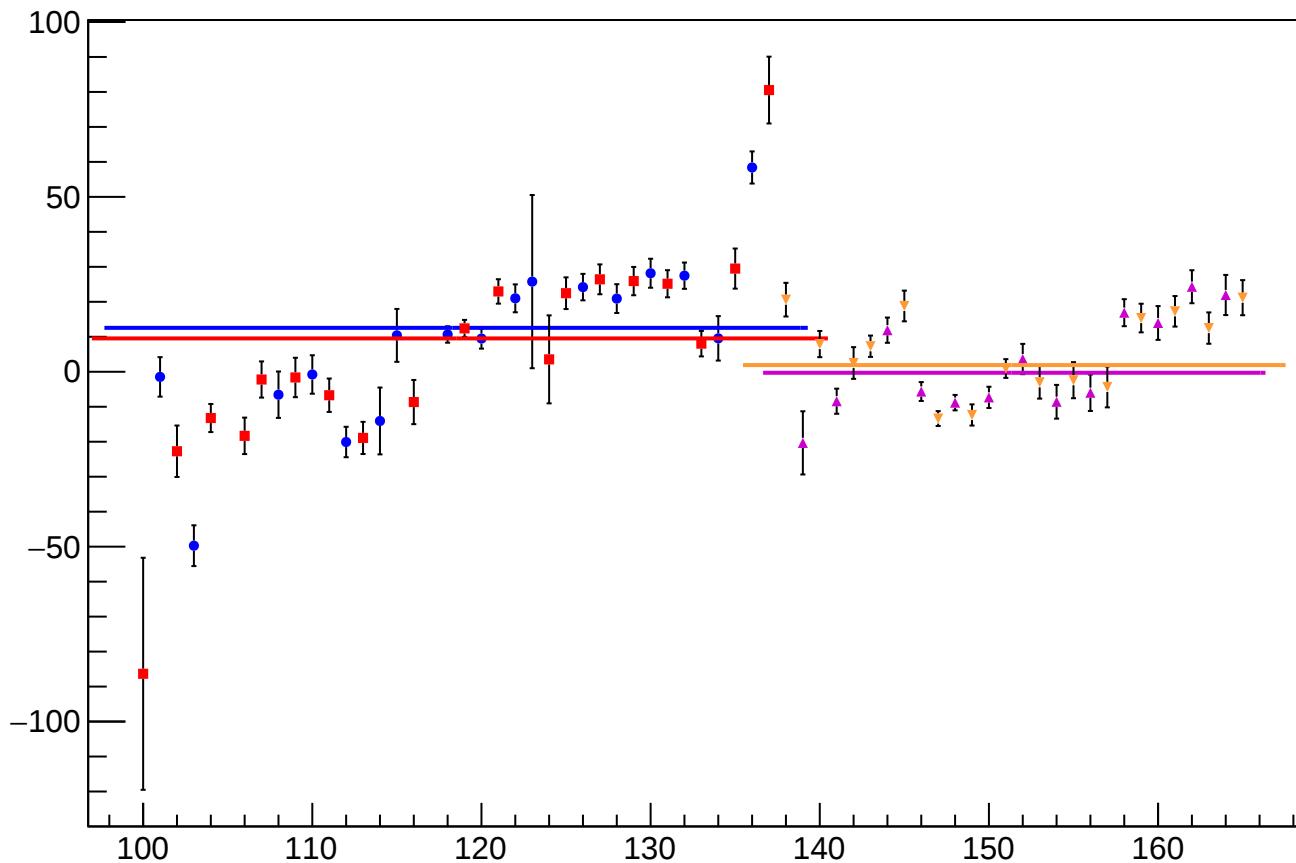
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 245.180+/-1.524 χ^2/NDF : 173.6/12

Out: 211.386+/-1.416 χ^2/NDF : 3677.7/14

All: 227.040+/-1.037 χ^2/NDF : 4115.1/27

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 0.904 ± 0.700 χ^2/NDF : 279.6/27

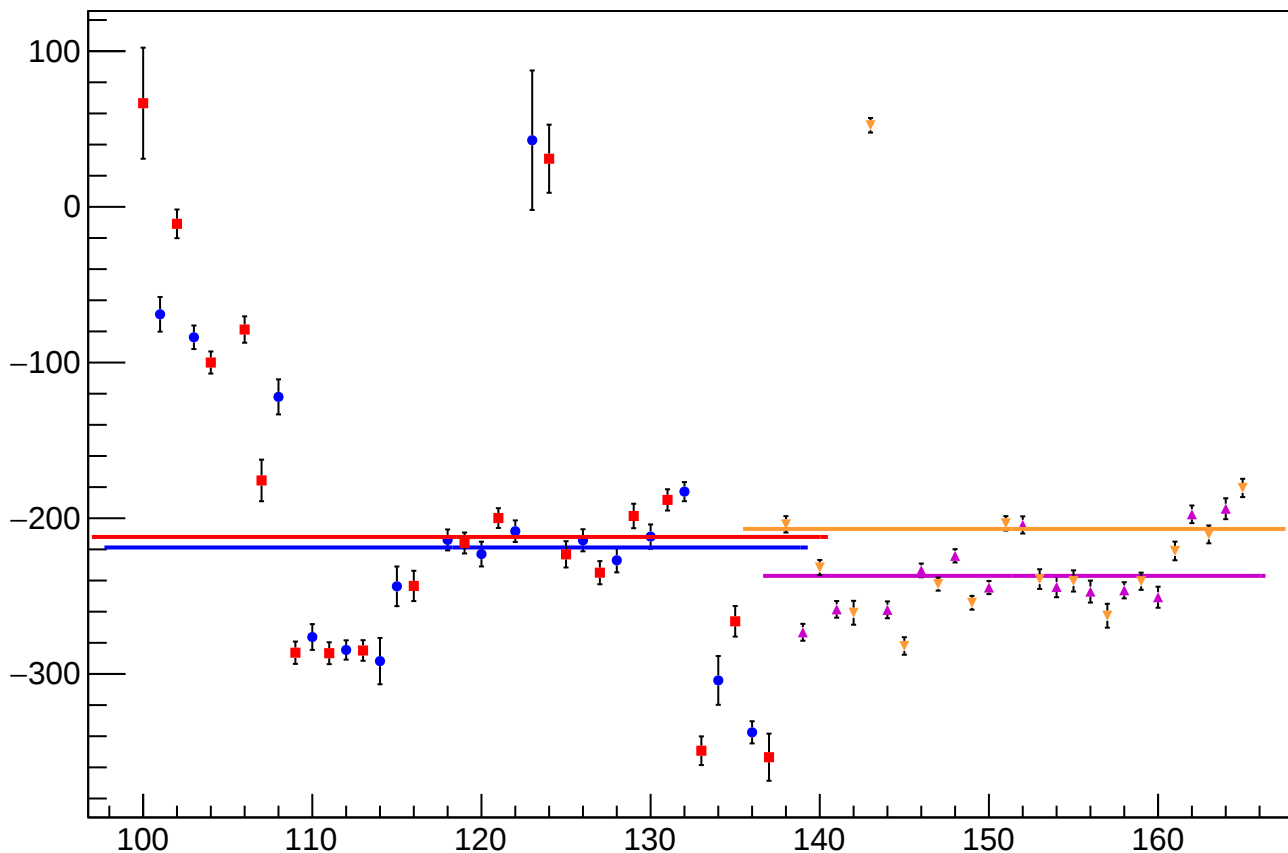
Right: 11.035 ± 0.745 χ^2/NDF : 648.5/35

In: 5.992 ± 0.739 χ^2/NDF : 545.3/29

Out: 5.353 ± 0.705 χ^2/NDF : 480.6/33

All: 5.657 ± 0.510 χ^2/NDF : 1026.3/63

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: -206.864 ± 1.399 $\chi^2/\text{NDF}: 3664.3/14$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -237.004 ± 1.485 $\chi^2/\text{NDF}: 225.9/12$

Left: -221.042 ± 1.018 $\chi^2/\text{NDF}: 4108.4/27$

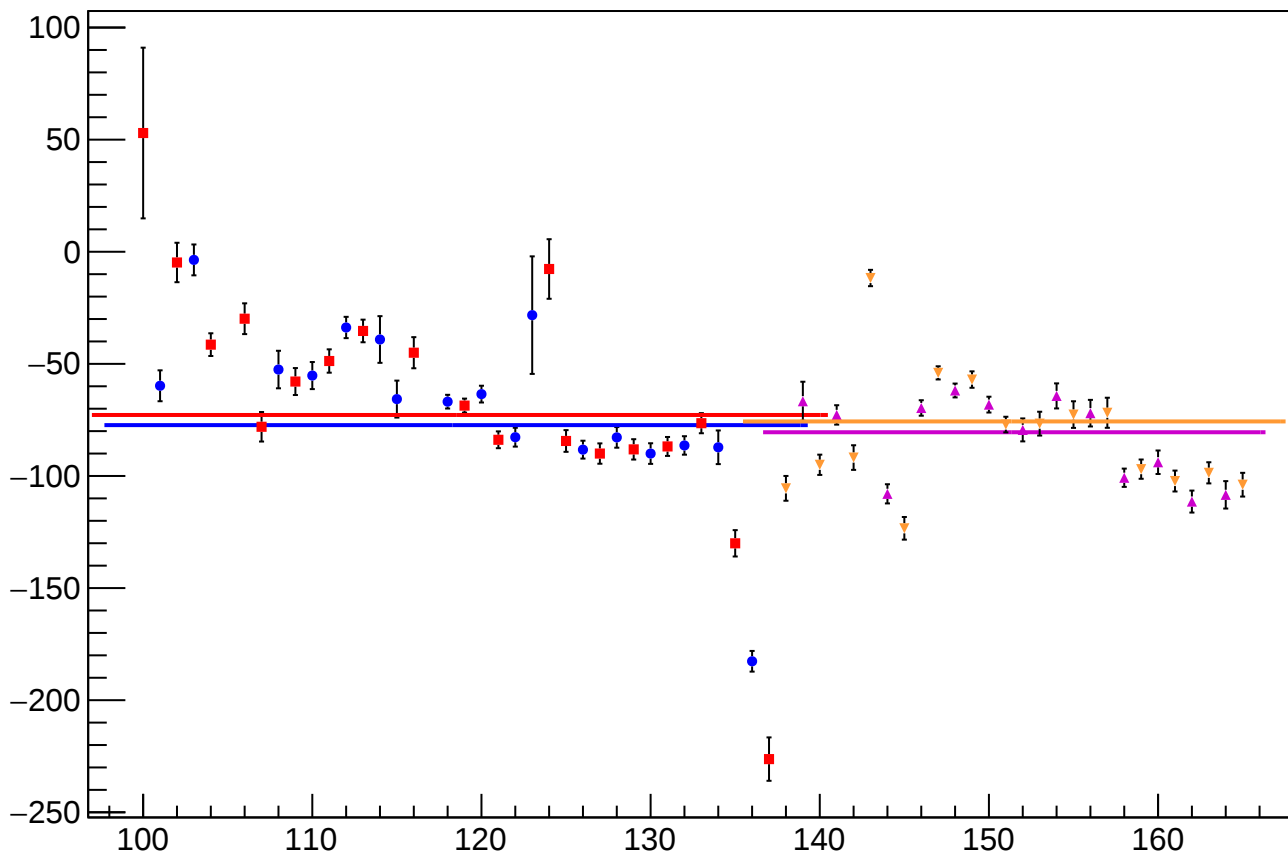
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -230.568 ± 1.194 $\chi^2/\text{NDF}: 1423.5/29$

Out: -208.643 ± 1.131 $\chi^2/\text{NDF}: 5554.7/33$

All: -219.014 ± 0.821 $\chi^2/\text{NDF}: 7155.8/63$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -75.675 ± 1.141 χ^2/NDF : 643.7/14

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.500 ± 1.237 χ^2/NDF : 207.8/12

Left: -77.893 ± 0.838 χ^2/NDF : 859.7/27

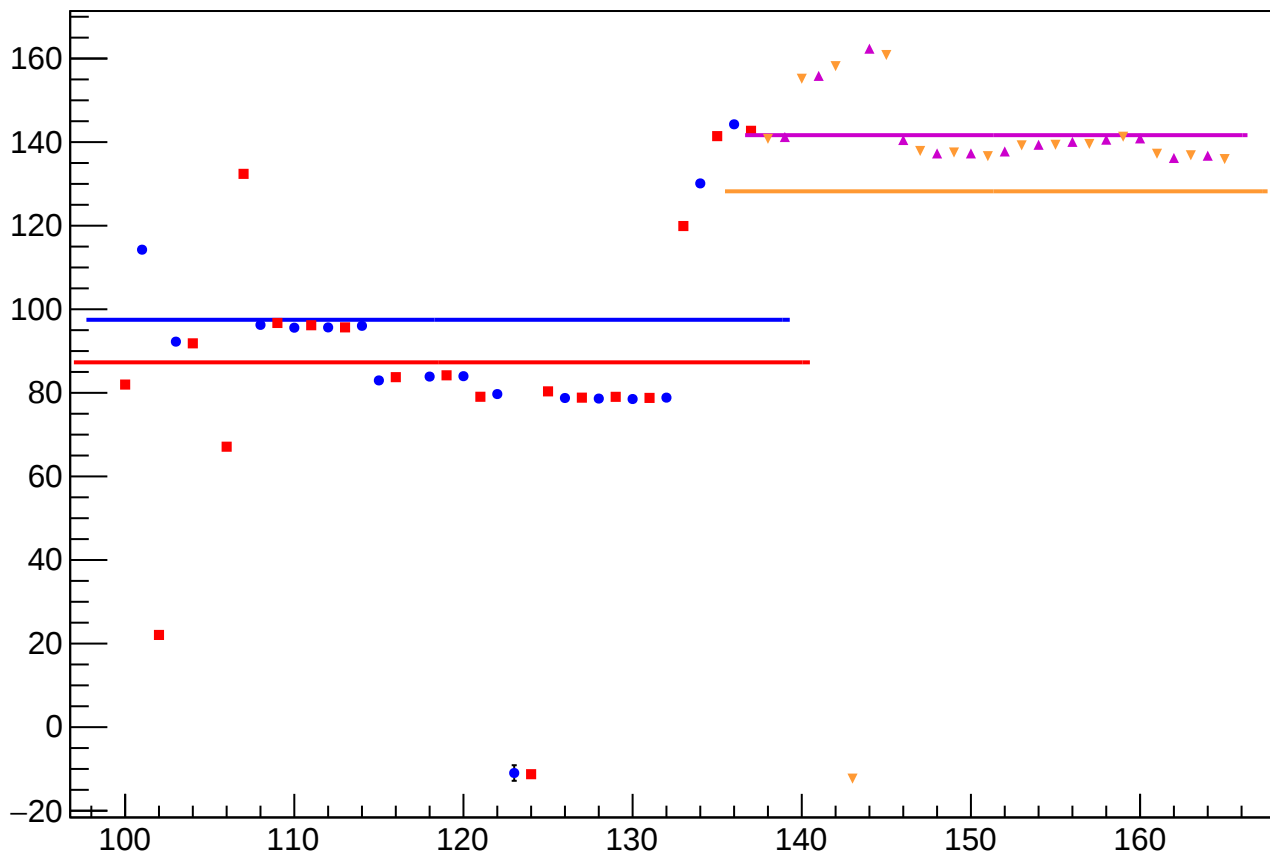
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -78.891 ± 0.869 χ^2/NDF : 1028.8/29

Out: -74.317 ± 0.829 χ^2/NDF : 1318.4/33

All: -76.496 ± 0.600 χ^2/NDF : 2361.8/63

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: 128.225+/-0.056 χ^2/NDF : 629694.3/14

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 141.663+/-0.059 χ^2/NDF : 14540.2/12

Left: 134.611+/-0.041 χ^2/NDF : 671392.1/27

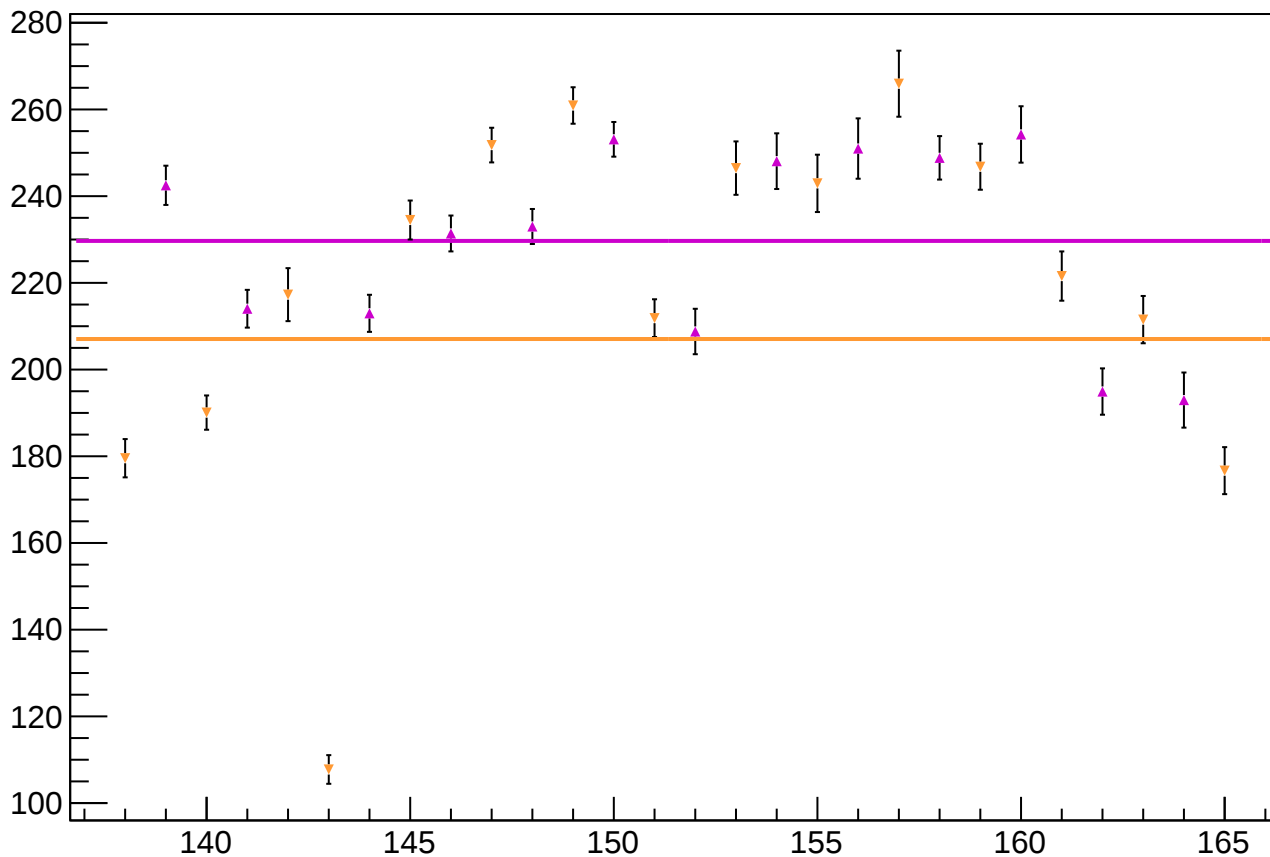
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 124.286+/-0.046 χ^2/NDF : 328931.2/29

Out: 111.675+/-0.043 χ^2/NDF : 1065930.3/33

All: 117.610+/-0.032 χ^2/NDF : 1434625.3/63

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: 207.049+/-1.235 χ^2/NDF :1514.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 229.676+/-1.357 χ^2/NDF :209.3/12

Left: 217.299+/-0.914 χ^2/NDF : 1875.6/27

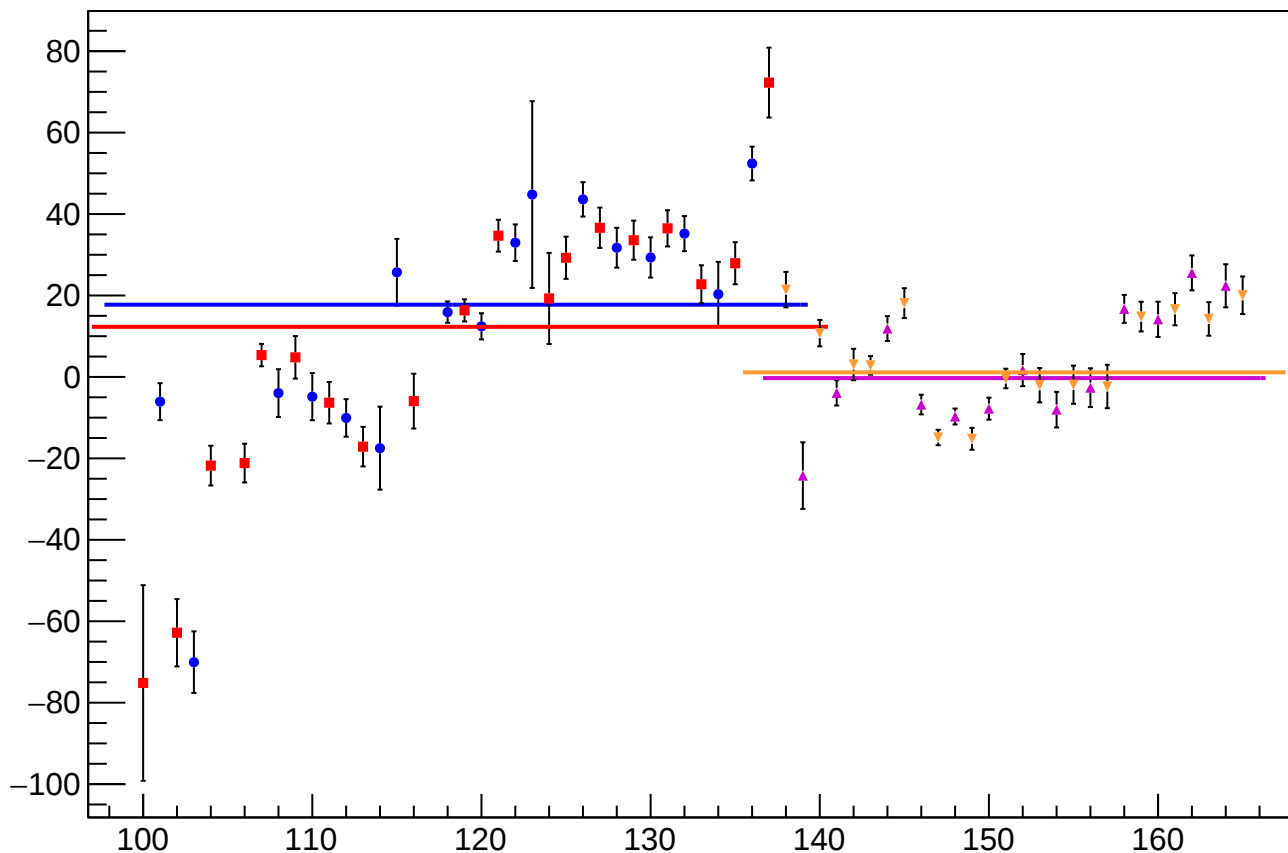
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.676+/-1.357 χ^2/NDF :209.3/12

Out: 207.049+/-1.235 χ^2/NDF :1514.3/14

All: 217.299+/-0.914 χ^2/NDF : 1875.6/27

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737+/-1.149 χ^2/NDF : 394.0/16

Left Out: 1.121+/-0.829 χ^2/NDF : 219.3/14

Right Out: 12.306+/-1.084 χ^2/NDF : 442.5/18

Left In: -0.288+/-0.919 χ^2/NDF : 157.7/12

Left: 0.488+/-0.616 χ^2/NDF : 378.3/27

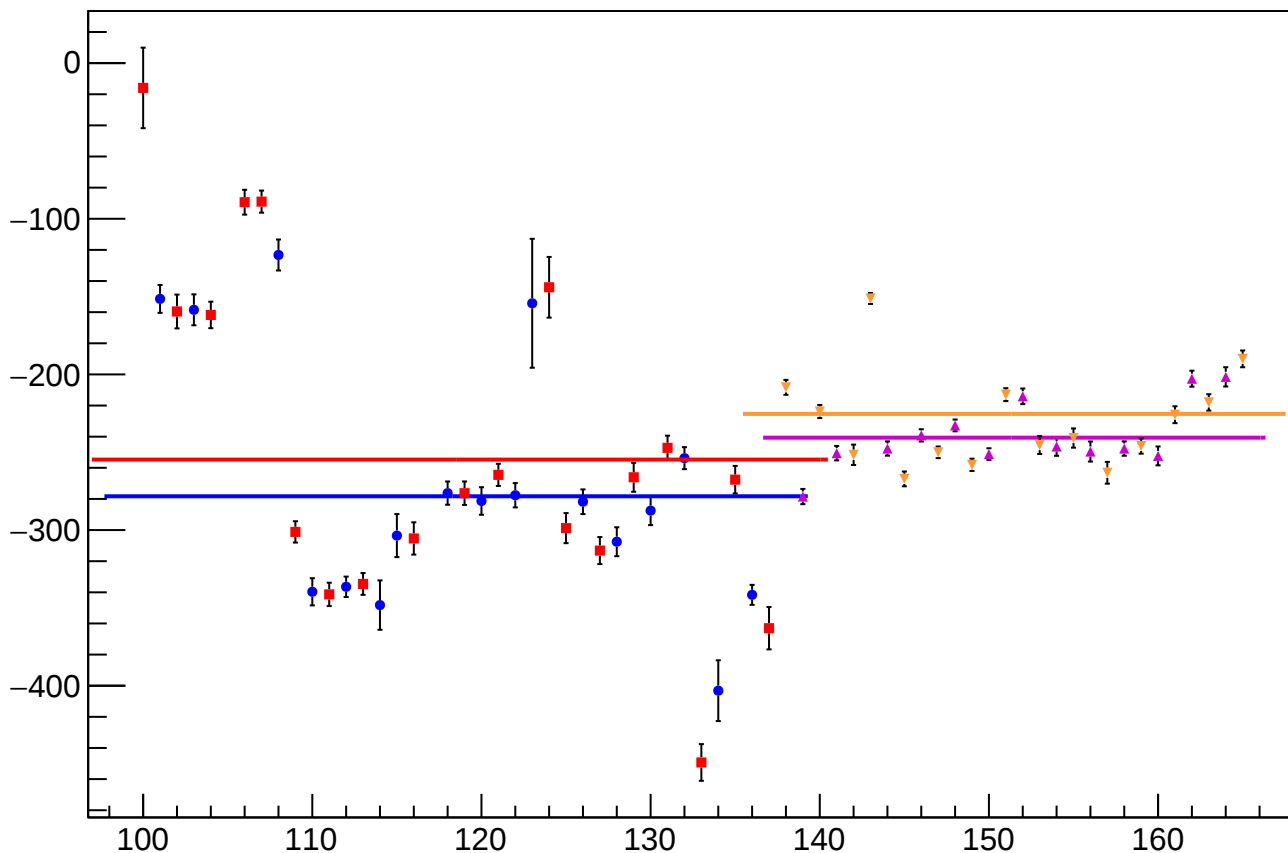
Right: 14.864+/-0.788 χ^2/NDF : 848.3/35

In: 6.746+/-0.717 χ^2/NDF : 701.9/29

Out: 5.249+/-0.659 χ^2/NDF : 728.9/33

All: 5.933+/-0.485 χ^2/NDF : 1433.2/63

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294+/-2.172 χ^2/NDF : 910.0/16

Left Out: -225.366+/-1.226 χ^2/NDF : 780.6/14

Right Out: -254.713+/-2.019 χ^2/NDF : 2038.0/18

Left In: -240.633+/-1.324 χ^2/NDF : 209.9/12

Left: -232.413+/-0.899 χ^2/NDF : 1062.1/27

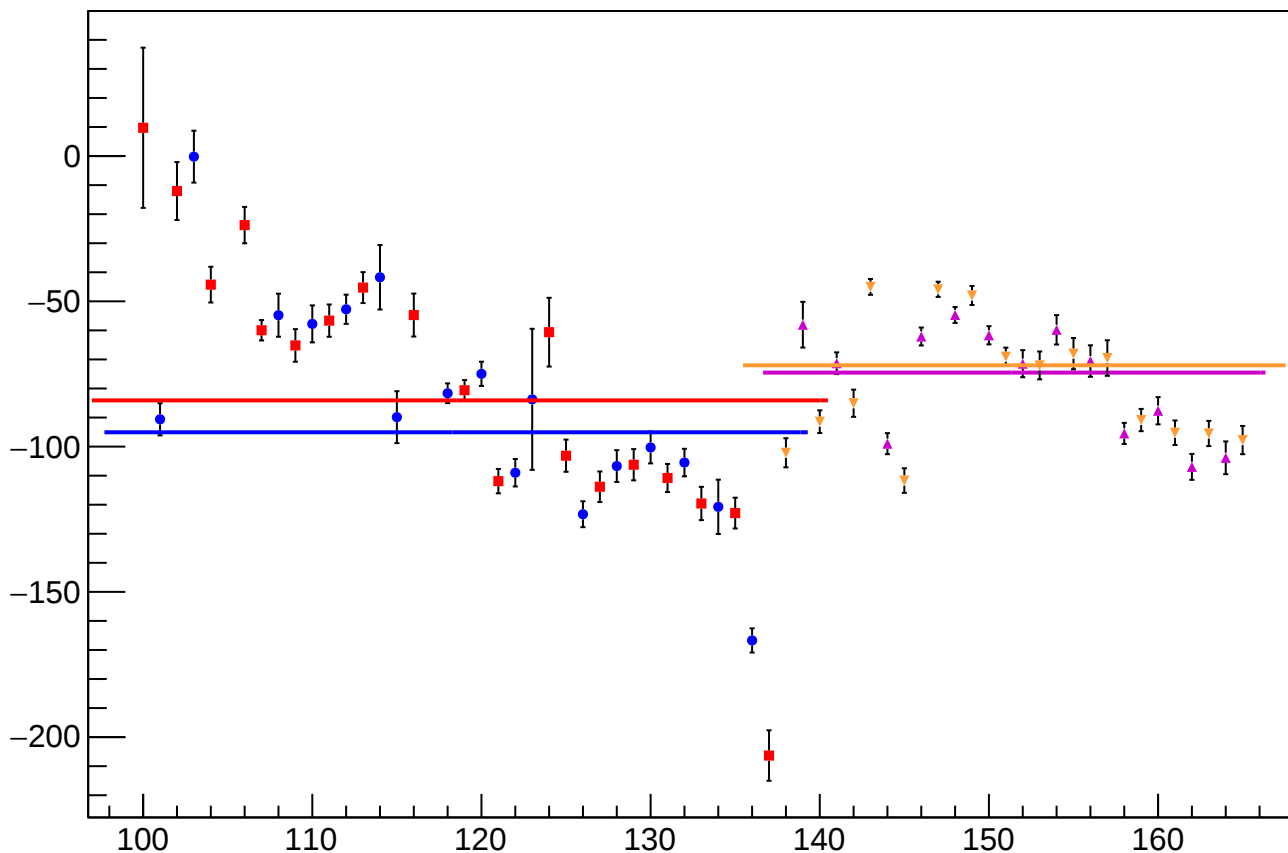
Right: -265.641+/-1.479 χ^2/NDF : 3011.2/35

In: -250.831+/-1.130 χ^2/NDF : 1339.1/29

Out: -233.271+/-1.048 χ^2/NDF : 2973.0/33

All: -241.385+/-0.768 χ^2/NDF : 4441.9/63

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -72.011 ± 0.995 $\chi^2/\text{NDF}: 522.7/14$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -74.528 ± 1.100 $\chi^2/\text{NDF}: 266.8/12$

Left: -73.144 ± 0.738 $\chi^2/\text{NDF}: 792.3/27$

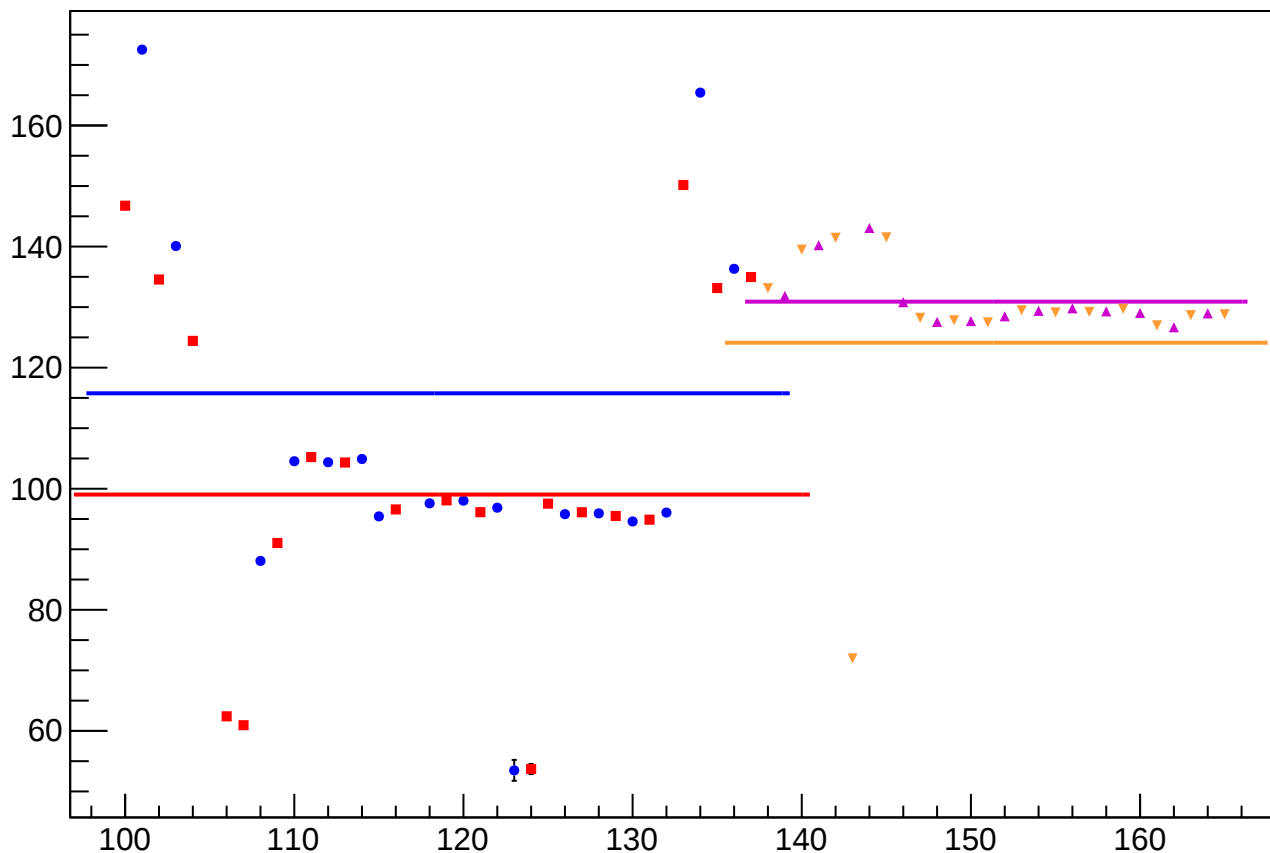
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -82.908 ± 0.846 $\chi^2/\text{NDF}: 1082.3/29$

Out: -76.668 ± 0.780 $\chi^2/\text{NDF}: 1359.8/33$

All: -79.535 ± 0.574 $\chi^2/\text{NDF}: 2471.5/63$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 124.115 $\pm$ 0.049 χ^2 /NDF:162522.3/14

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 130.901 $\pm$ 0.053 χ^2 /NDF:7920.9/12

Left: 127.279 $\pm$ 0.036 χ^2 /NDF: 179269.5/27

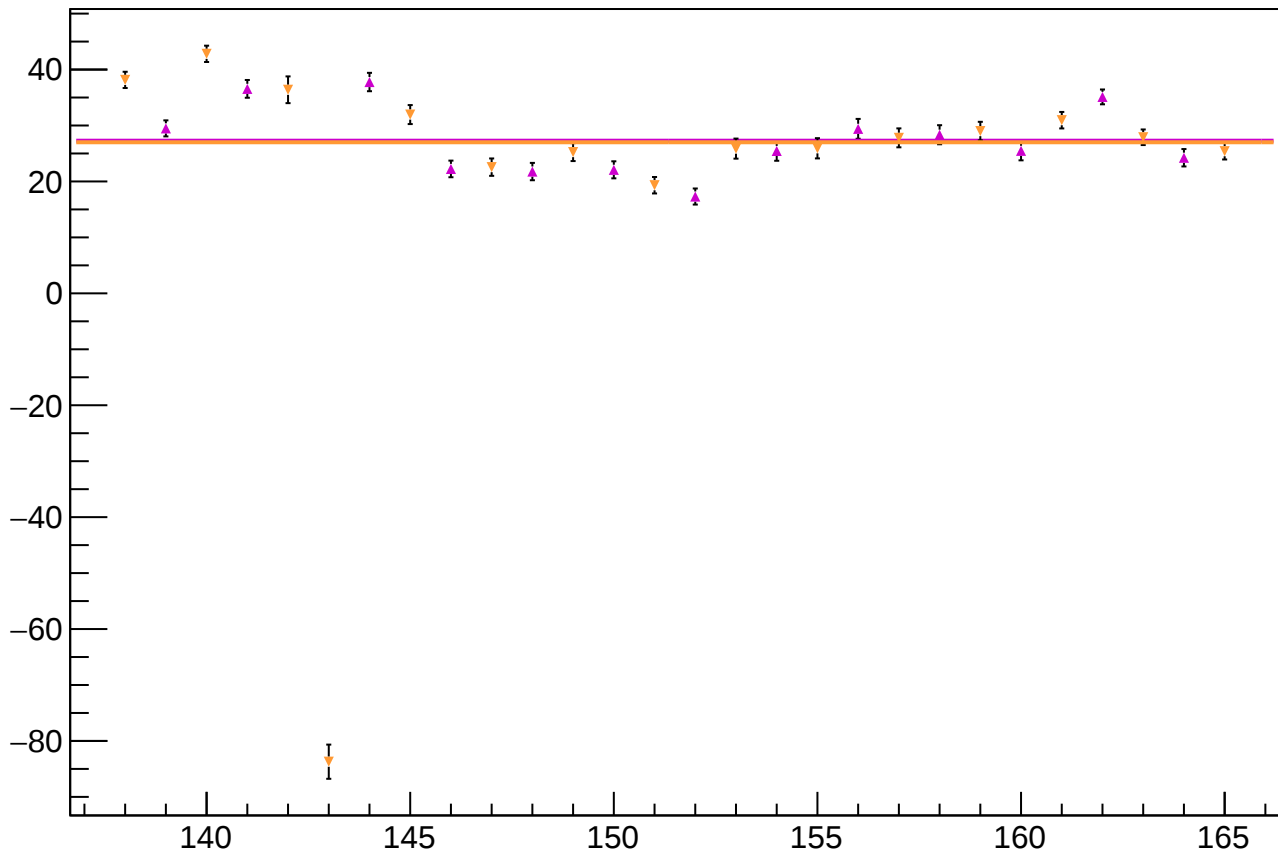
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.155 $\pm$ 0.044 χ^2 /NDF:140018.6/29

Out: 115.549 $\pm$ 0.040 χ^2 /NDF:424304.2/33

All: 120.384 $\pm$ 0.030 χ^2 /NDF: 596341.0/63

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: 27.004+/-0.422 χ^2/NDF :1560.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.282+/-0.432 χ^2/NDF :204.1/12

Left: 27.140+/-0.302 χ^2/NDF : 1765.2/27

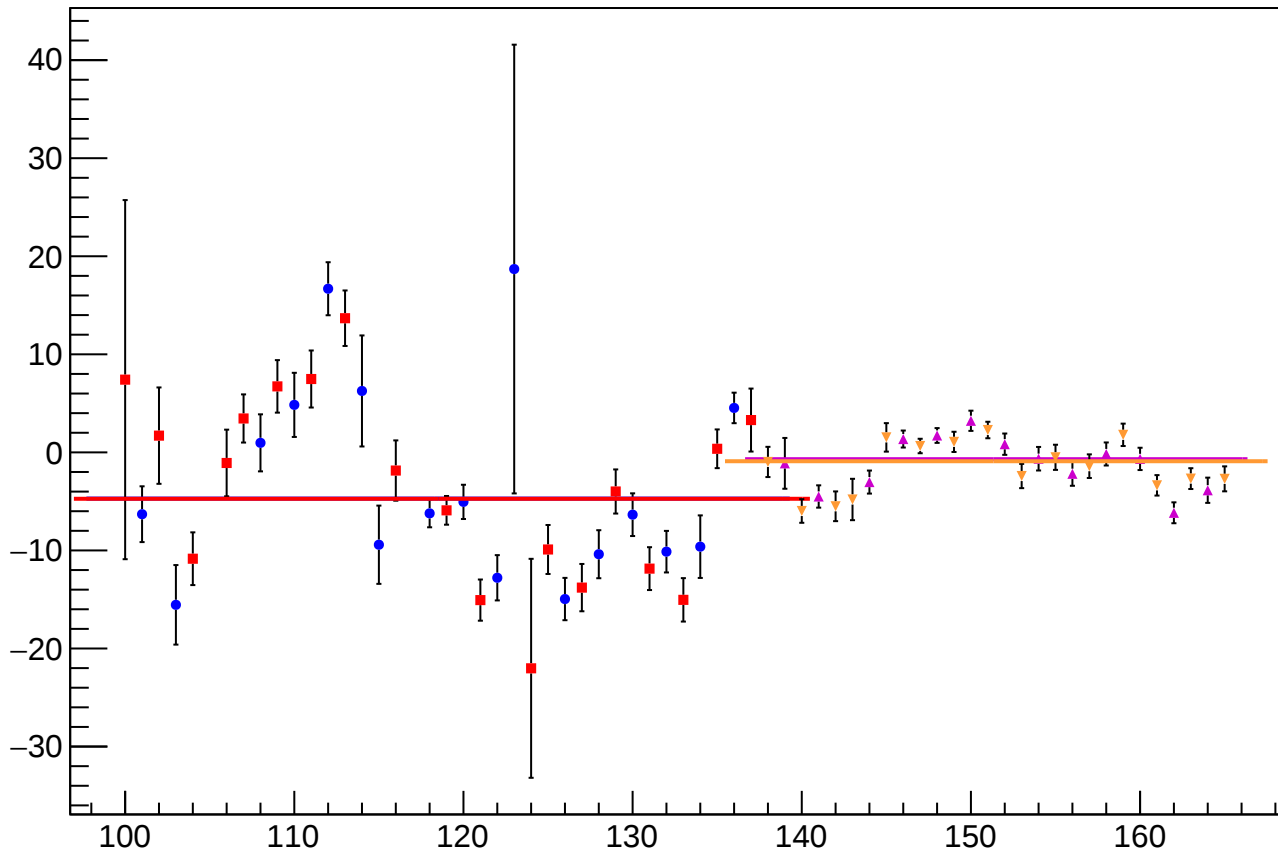
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.282+/-0.432 χ^2/NDF :204.1/12

Out: 27.004+/-0.422 χ^2/NDF :1560.9/14

All: 27.140+/-0.302 χ^2/NDF : 1765.2/27

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.903 ± 0.294 χ^2/NDF : 73.3/14

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -0.694 ± 0.303 χ^2/NDF : 81.5/12

Left: -0.802 ± 0.211 χ^2/NDF : 155.1/27

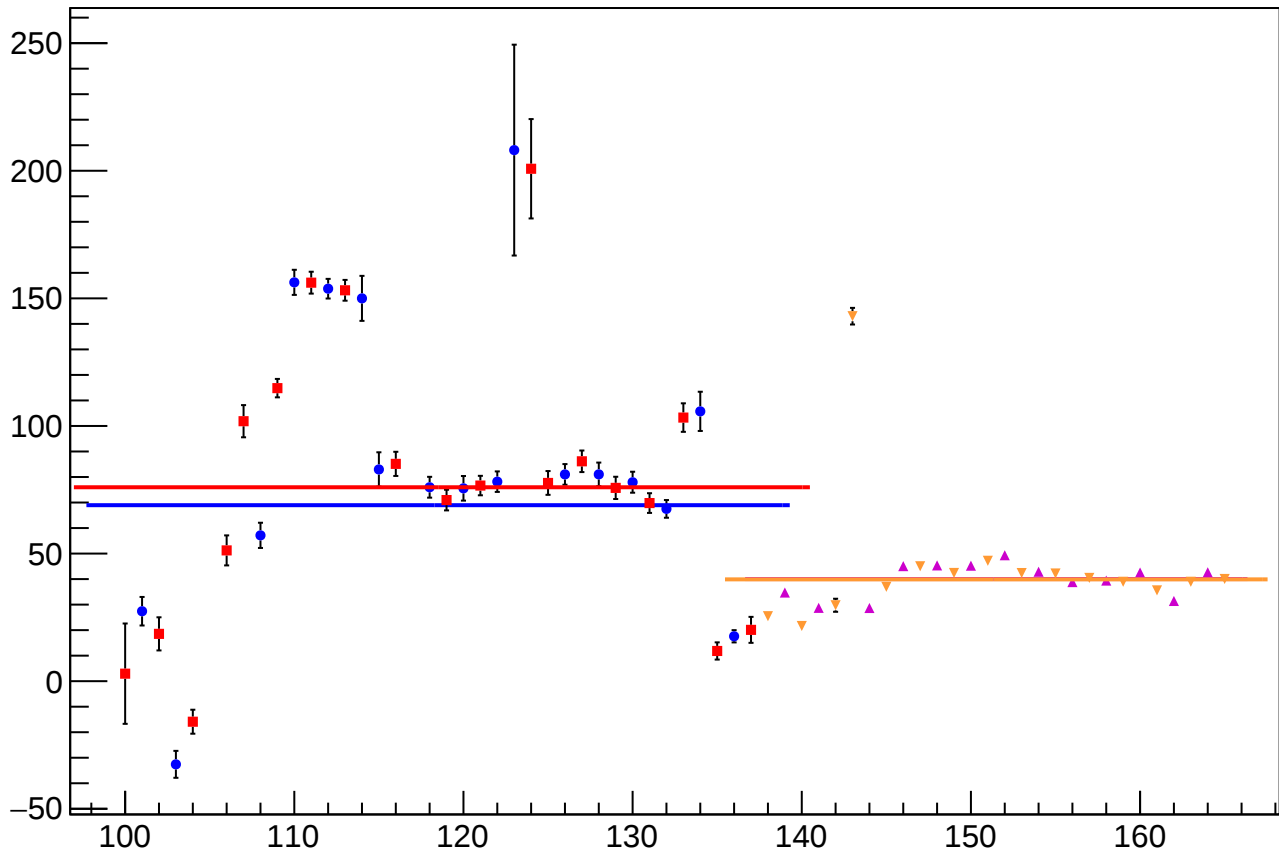
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.556 ± 0.269 χ^2/NDF : 293.8/29

Out: -1.675 ± 0.263 χ^2/NDF : 297.2/33

All: -1.617 ± 0.188 χ^2/NDF : 591.2/63

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 39.892 $\pm$ 0.413 χ^2 /NDF:1298.3/14

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 40.020 $\pm$ 0.420 χ^2 /NDF:238.4/12

Left: 39.955 $\pm$ 0.294 χ^2 /NDF: 1536.8/27

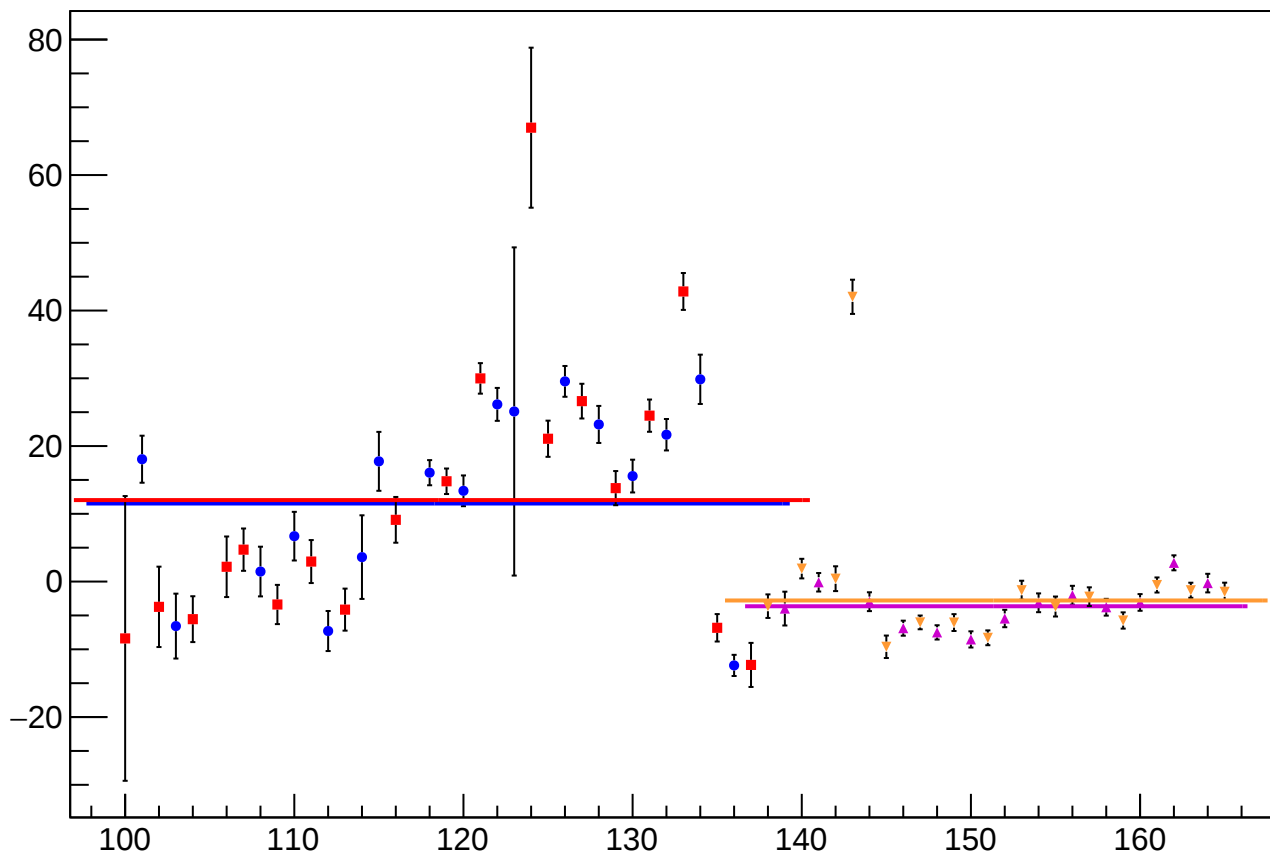
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 43.823 $\pm$ 0.391 χ^2 /NDF:2707.3/29

Out: 44.568 $\pm$ 0.385 χ^2 /NDF:4184.5/33

All: 44.201 $\pm$ 0.274 χ^2 /NDF: 6893.7/63

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: -2.792 ± 0.344 $\chi^2/\text{NDF}: 403.1/14$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -3.645 ± 0.355 $\chi^2/\text{NDF}: 89.0/12$

Left: -3.205 ± 0.247 $\chi^2/\text{NDF}: 495.1/27$

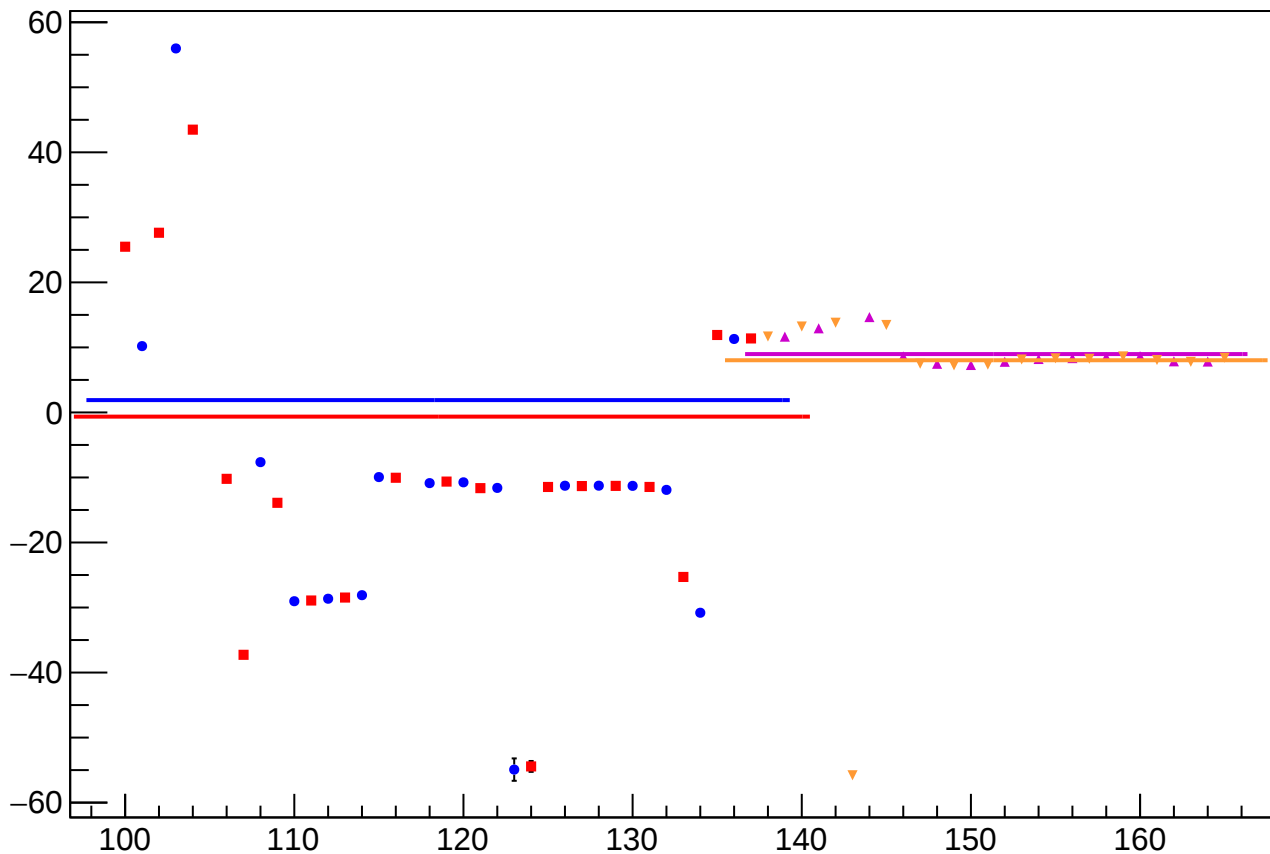
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.237 ± 0.313 $\chi^2/\text{NDF}: 975.9/29$

Out: 0.346 ± 0.306 $\chi^2/\text{NDF}: 1335.0/33$

All: 0.061 ± 0.219 $\chi^2/\text{NDF}: 2312.7/63$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 8.025+/-0.016 χ^2/NDF :256514.3/14

Right Out: -0.644+/-0.037 χ^2/NDF : 361626.2/18

Left In: 8.976+/-0.016 χ^2/NDF :14330.1/12

Left: 8.494+/-0.012 χ^2/NDF : 272543.7/27

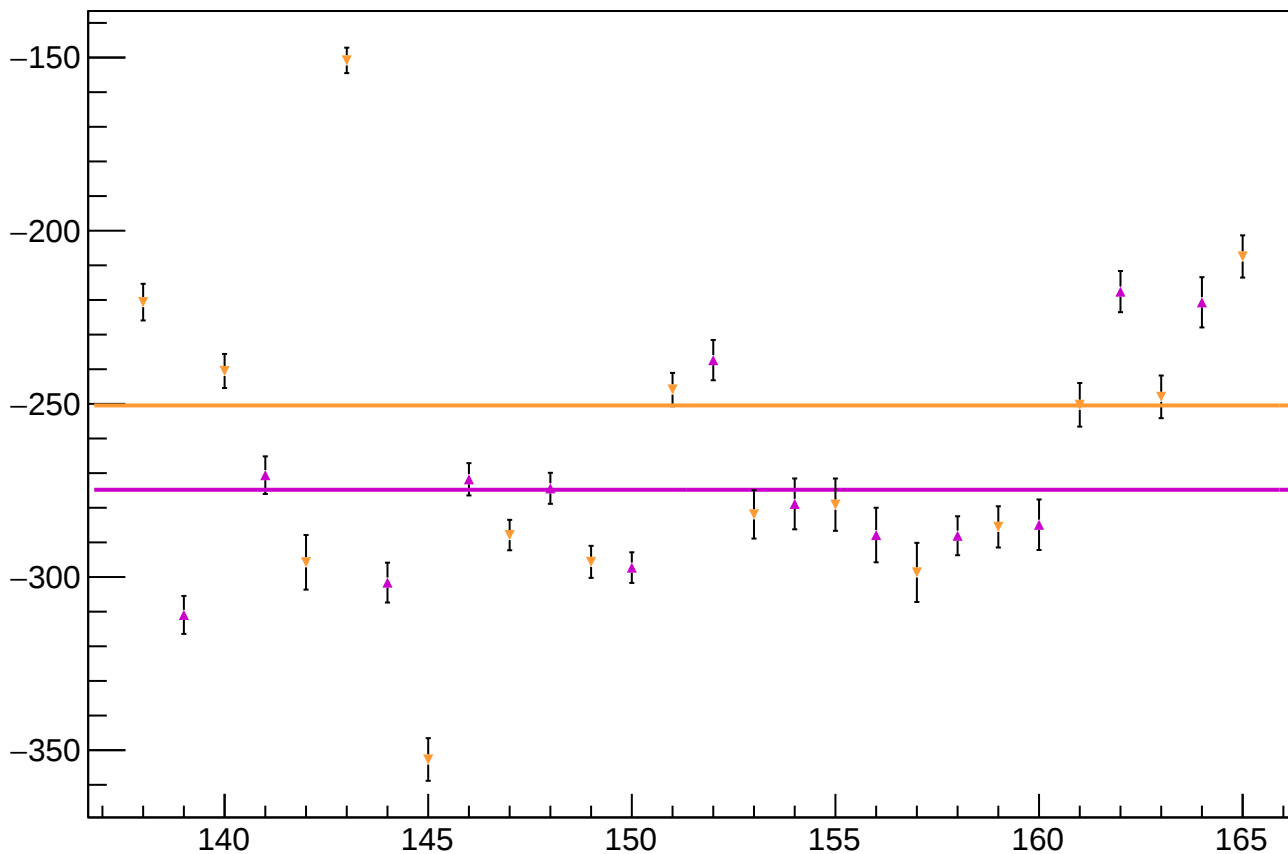
Right: 0.626+/-0.026 χ^2/NDF : 722831.9/35

In: 7.814+/-0.015 χ^2/NDF :403716.7/29

Out: 6.636+/-0.015 χ^2/NDF :664116.9/33

All: 7.218+/-0.011 χ^2/NDF : 1070947.1/63

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: -250.452+/-1.423 χ^2/NDF :1399.1/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.804+/-1.569 χ^2/NDF :292.2/12

Left: -261.445+/-1.054 χ^2/NDF : 1823.5/27

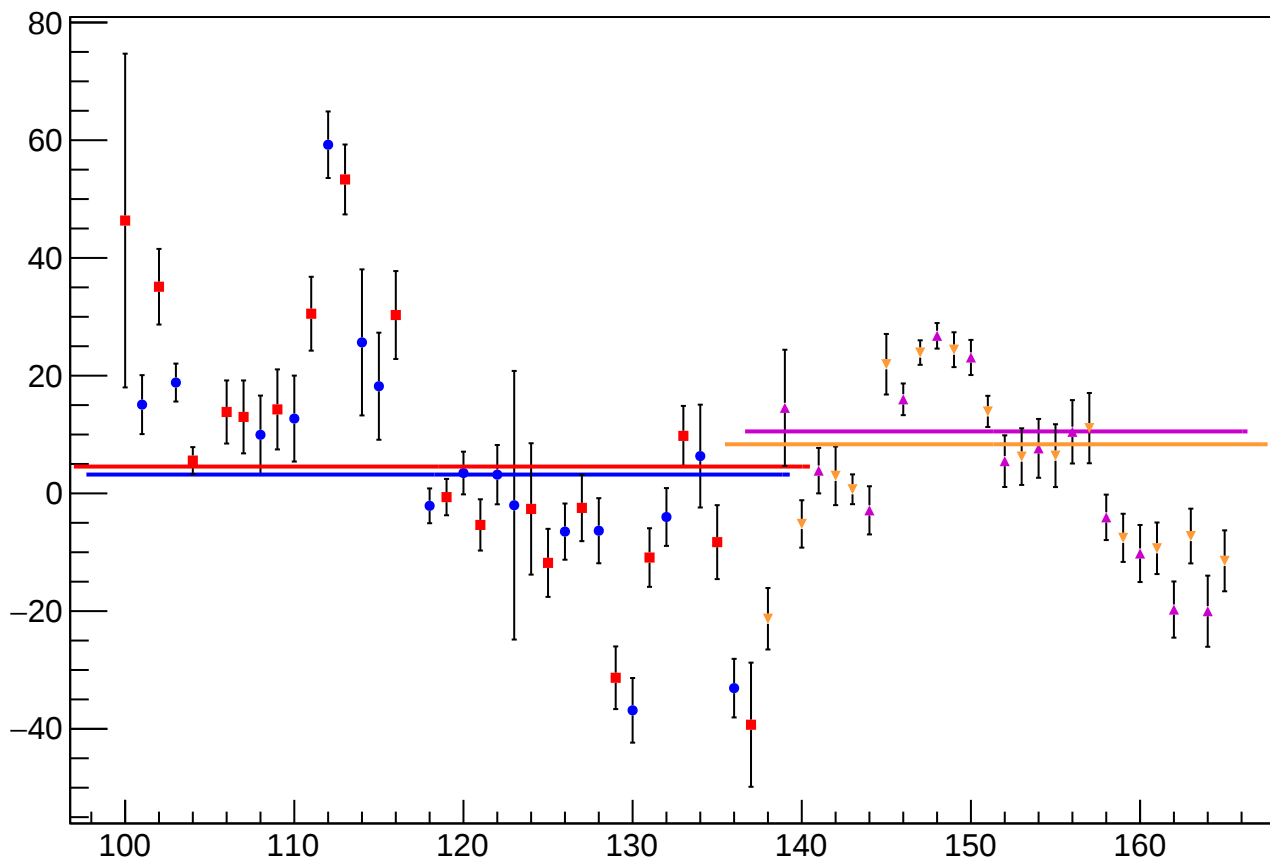
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.804+/-1.569 χ^2/NDF :292.2/12

Out: -250.452+/-1.423 χ^2/NDF :1399.1/14

All: -261.445+/-1.054 χ^2/NDF : 1823.5/27

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: 8.343 $\pm$ 0.944 χ^2 /NDF:208.4/14

Right Out: 4.558 $\pm$ 1.158 χ^2 /NDF: 223.9/18

Left In: 10.527 $\pm$ 1.050 χ^2 /NDF:191.7/12

Left: 9.319 $\pm$ 0.702 χ^2 /NDF: 402.5/27

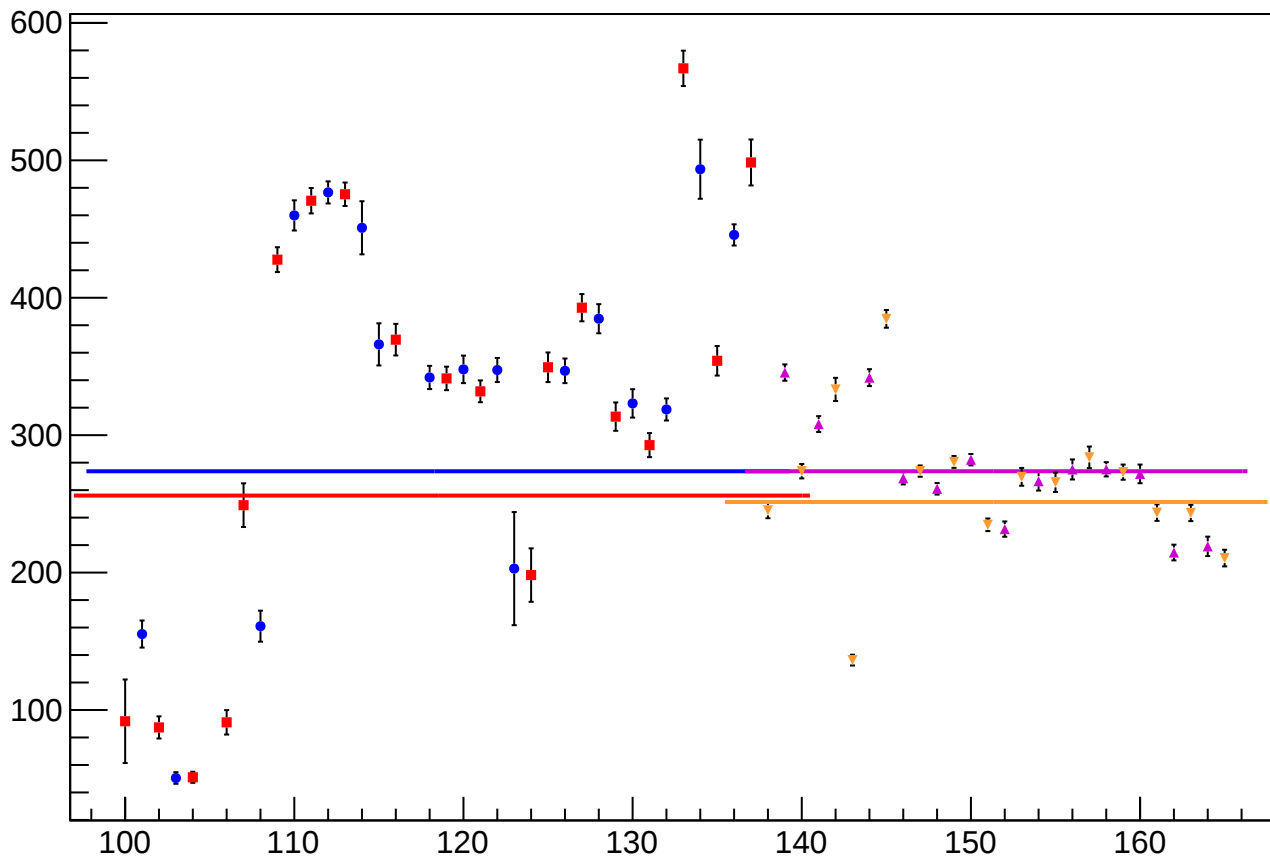
Right: 3.919 $\pm$ 0.842 χ^2 /NDF: 479.7/35

In: 7.430 $\pm$ 0.798 χ^2 /NDF:467.4/29

Out: 6.832 $\pm$ 0.732 χ^2 /NDF:438.8/33

All: 7.105 $\pm$ 0.539 χ^2 /NDF: 906.5/63

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: 251.387 $\pm$ 1.405 χ^2 /NDF:1583.1/14

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 273.749 $\pm$ 1.521 χ^2 /NDF:544.2/12

Left: 261.681 $\pm$ 1.032 χ^2 /NDF: 2243.9/27

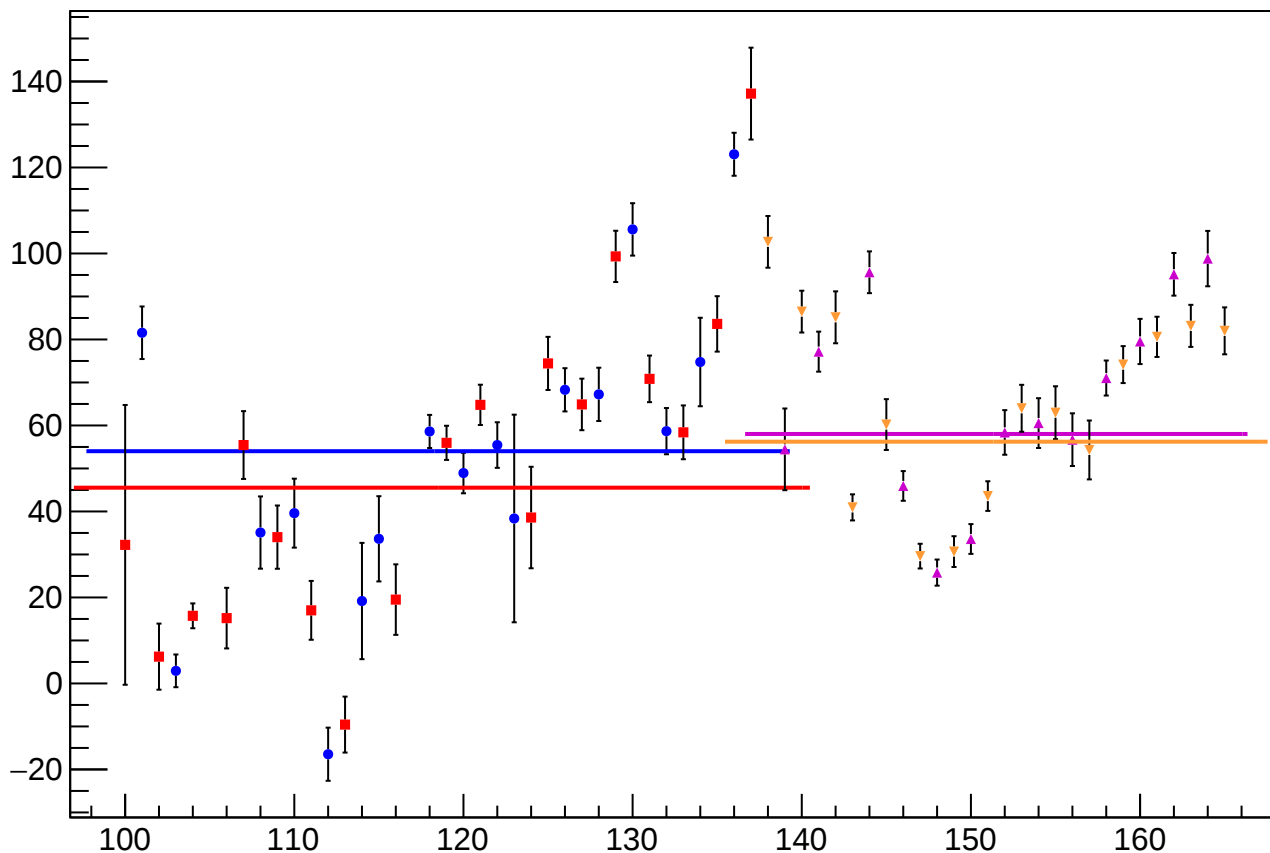
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 273.739 $\pm$ 1.250 χ^2 /NDF:5647.5/29

Out: 252.851 $\pm$ 1.164 χ^2 /NDF:8027.6/33

All: 262.550 $\pm$ 0.852 χ^2 /NDF: 13824.6/63

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: 56.227 $\pm$ 1.136 χ^2 /NDF: 398.1/14

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 58.021 $\pm$ 1.260 χ^2 /NDF: 375.1/12

Left: 57.032 $\pm$ 0.844 χ^2 /NDF: 774.3/27

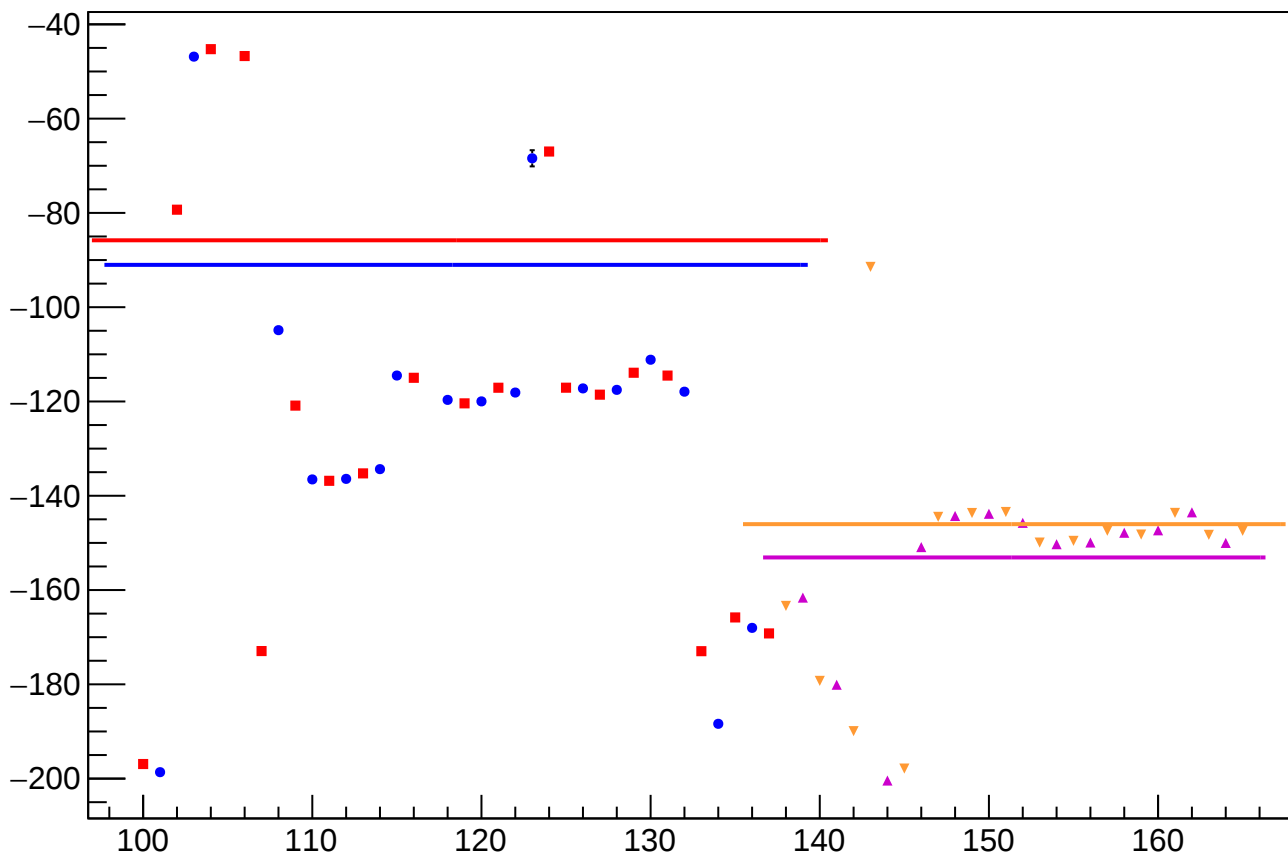
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 56.262 $\pm$ 0.943 χ^2 /NDF: 1012.4/29

Out: 51.819 $\pm$ 0.871 χ^2 /NDF: 961.5/33

All: 53.864 $\pm$ 0.640 χ^2 /NDF: 1985.8/63

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -146.023 ± 0.057 $\chi^2/\text{NDF}: 205699.4/14$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -153.086 ± 0.061 $\chi^2/\text{NDF}: 55756.2/12$

Left: -149.312 ± 0.041 $\chi^2/\text{NDF}: 268707.6/27$

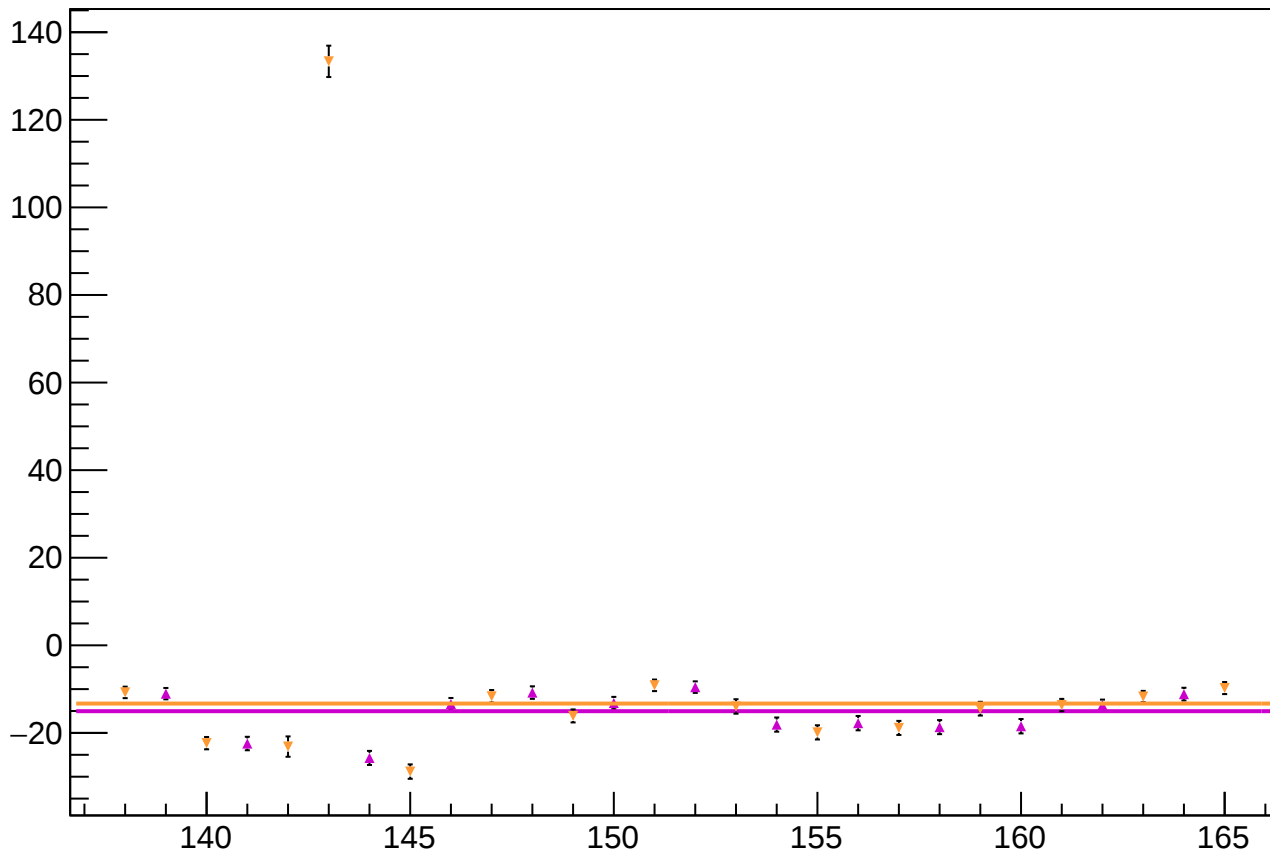
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -125.411 ± 0.045 $\chi^2/\text{NDF}: 1057342.3/29$

Out: -120.067 ± 0.043 $\chi^2/\text{NDF}: 1189468.4/33$

All: -122.591 ± 0.031 $\chi^2/\text{NDF}: 2254212.1/63$

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: -13.299+/-0.396 χ^2/NDF :1880.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.038+/-0.405 χ^2/NDF :130.1/12

Left: -14.149+/-0.283 χ^2/NDF : 2019.9/27

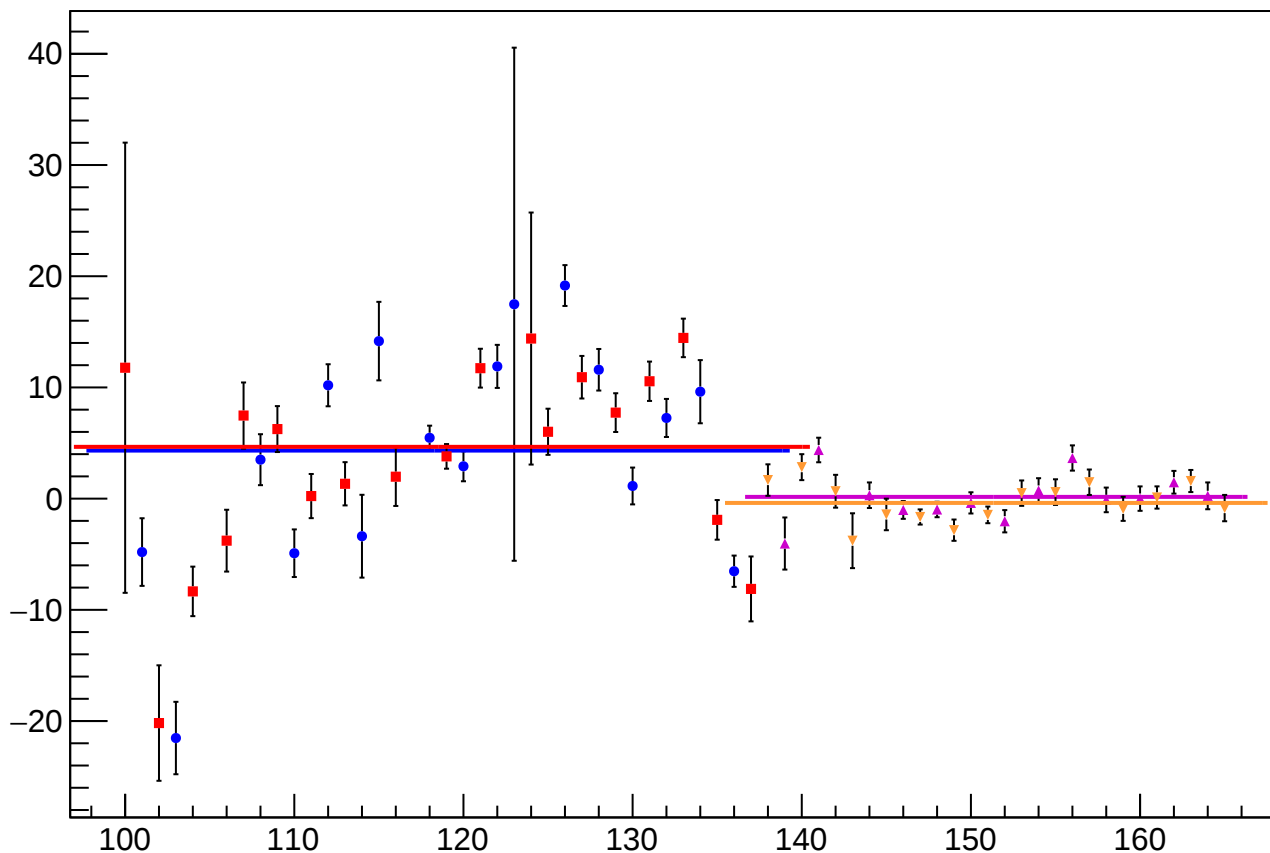
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.038+/-0.405 χ^2/NDF :130.1/12

Out: -13.299+/-0.396 χ^2/NDF :1880.4/14

All: -14.149+/-0.283 χ^2/NDF : 2019.9/27

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2/NDF : 280.3/16

Left Out: -0.385 $\pm$ 0.275 χ^2/NDF : 33.2/14

Right Out: 4.657 $\pm$ 0.474 χ^2/NDF : 184.5/18

Left In: 0.158 $\pm$ 0.284 χ^2/NDF : 39.2/12

Left: -0.123 $\pm$ 0.198 χ^2/NDF : 74.3/27

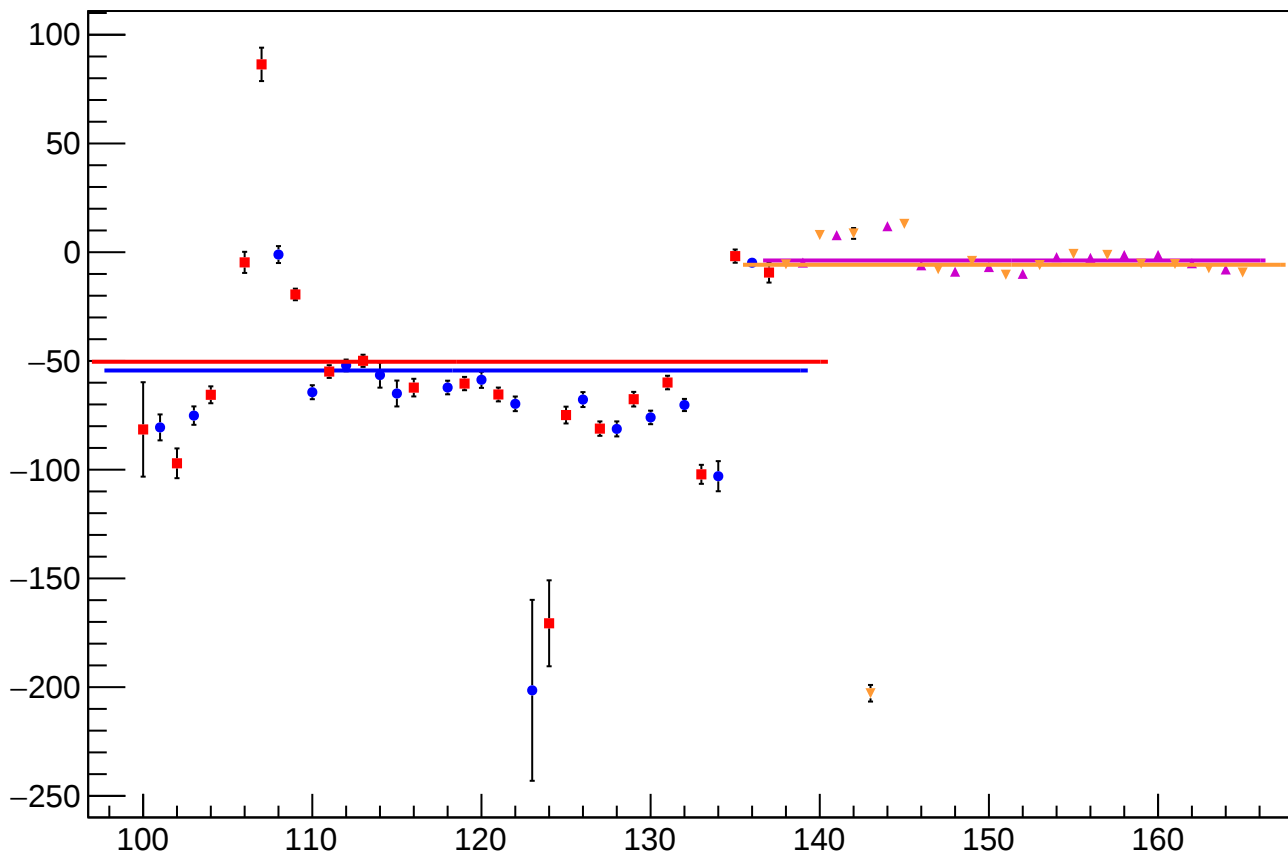
Right: 4.486 $\pm$ 0.332 χ^2/NDF : 465.1/35

In: 1.290 $\pm$ 0.243 χ^2/NDF : 377.8/29

Out: 0.883 $\pm$ 0.238 χ^2/NDF : 302.5/33

All: 1.082 $\pm$ 0.170 χ^2/NDF : 681.8/63

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.774 ± 0.386 $\chi^2/\text{NDF}: 2943.6/14$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.799 ± 0.393 $\chi^2/\text{NDF}: 198.3/12$

Left: -4.803 ± 0.275 $\chi^2/\text{NDF}: 3154.8/27$

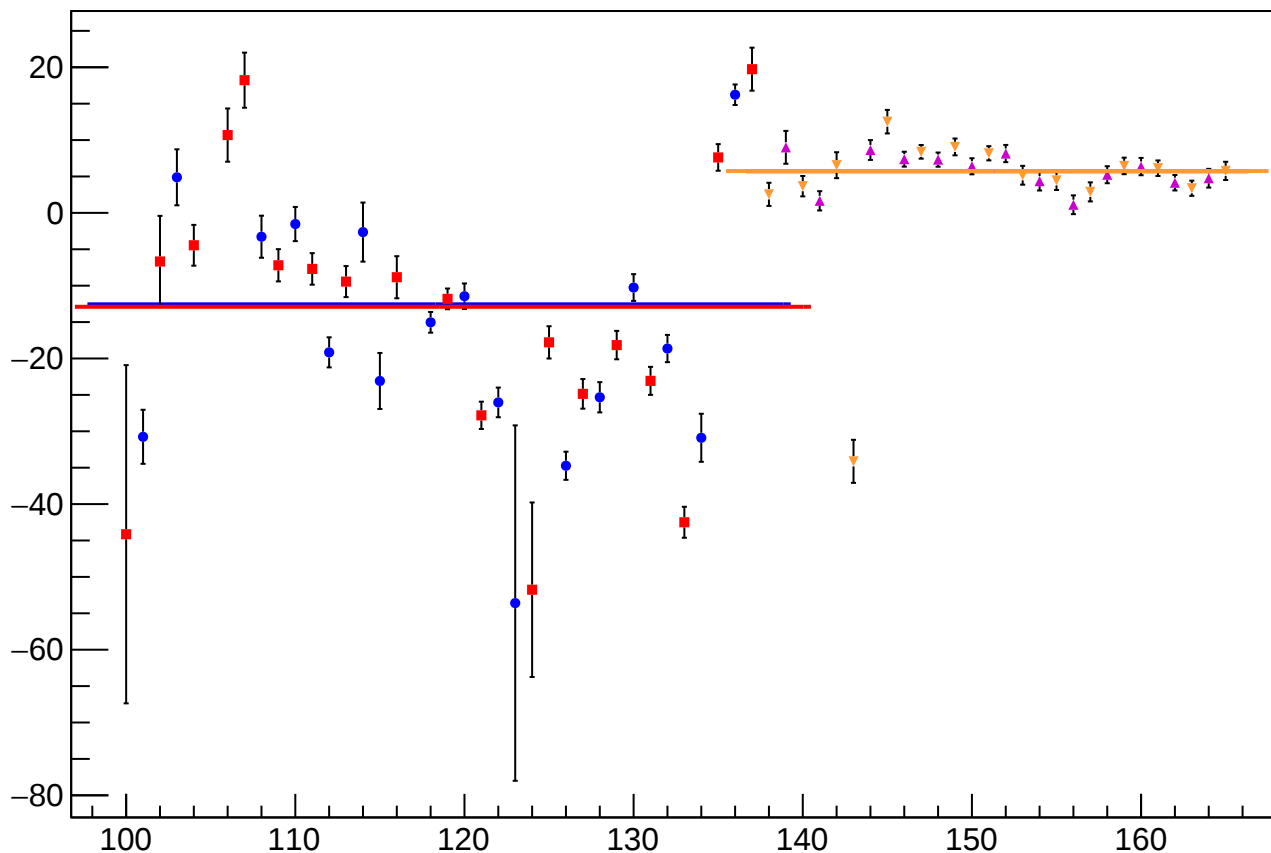
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.458 ± 0.358 $\chi^2/\text{NDF}: 4050.5/29$

Out: -13.293 ± 0.352 $\chi^2/\text{NDF}: 6512.4/33$

All: -12.882 ± 0.251 $\chi^2/\text{NDF}: 10565.7/63$

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: 5.746 ± 0.322 χ^2/NDF : 239.9/14

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.717 ± 0.333 χ^2/NDF : 43.1/12

Left: 5.732 ± 0.232 χ^2/NDF : 283.1/27

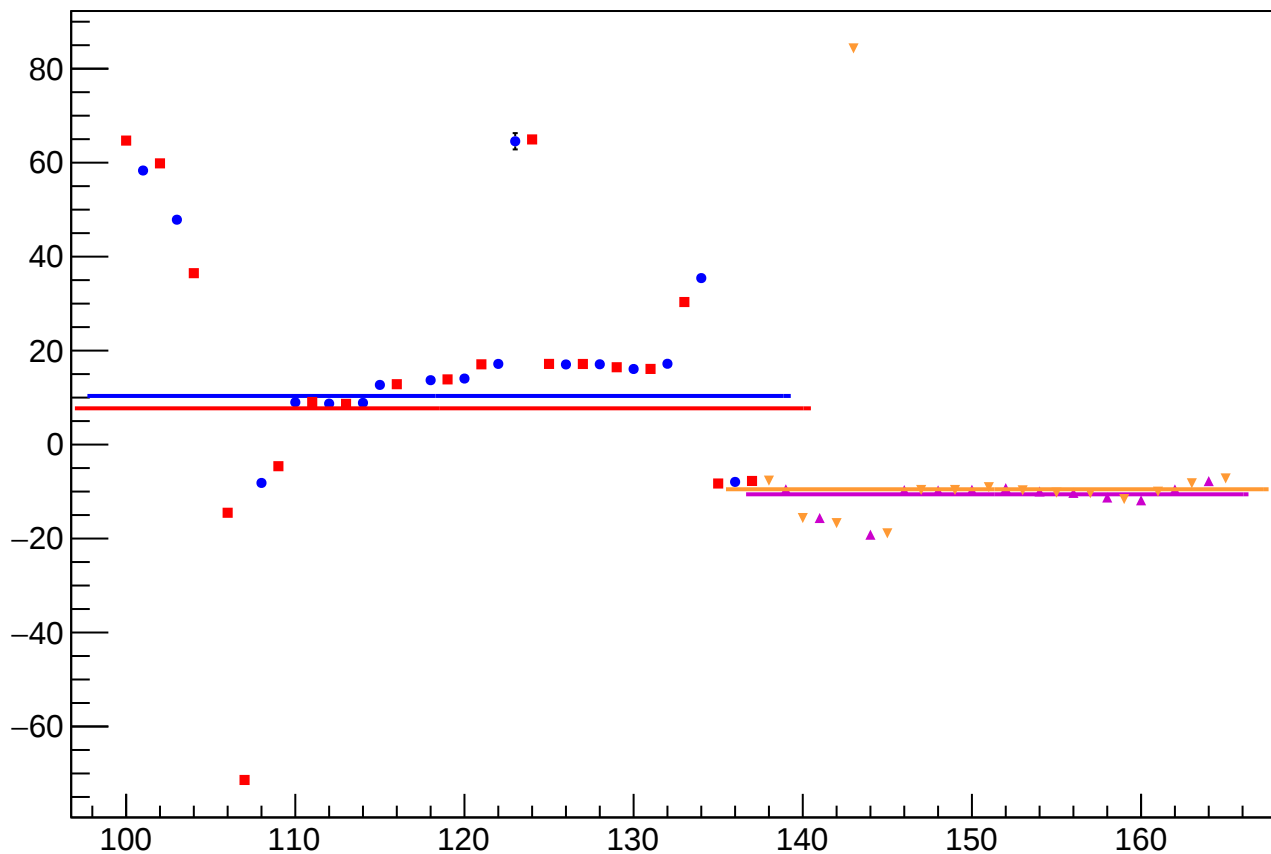
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.554 ± 0.282 χ^2/NDF : 1671.3/29

Out: 0.820 ± 0.277 χ^2/NDF : 1851.6/33

All: 0.690 ± 0.198 χ^2/NDF : 3523.4/63

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: -9.510+/-0.015 χ^2/NDF :411662.3/14

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.585+/-0.015 χ^2/NDF :24335.4/12

Left: -10.040+/-0.011 χ^2/NDF : 438480.2/27

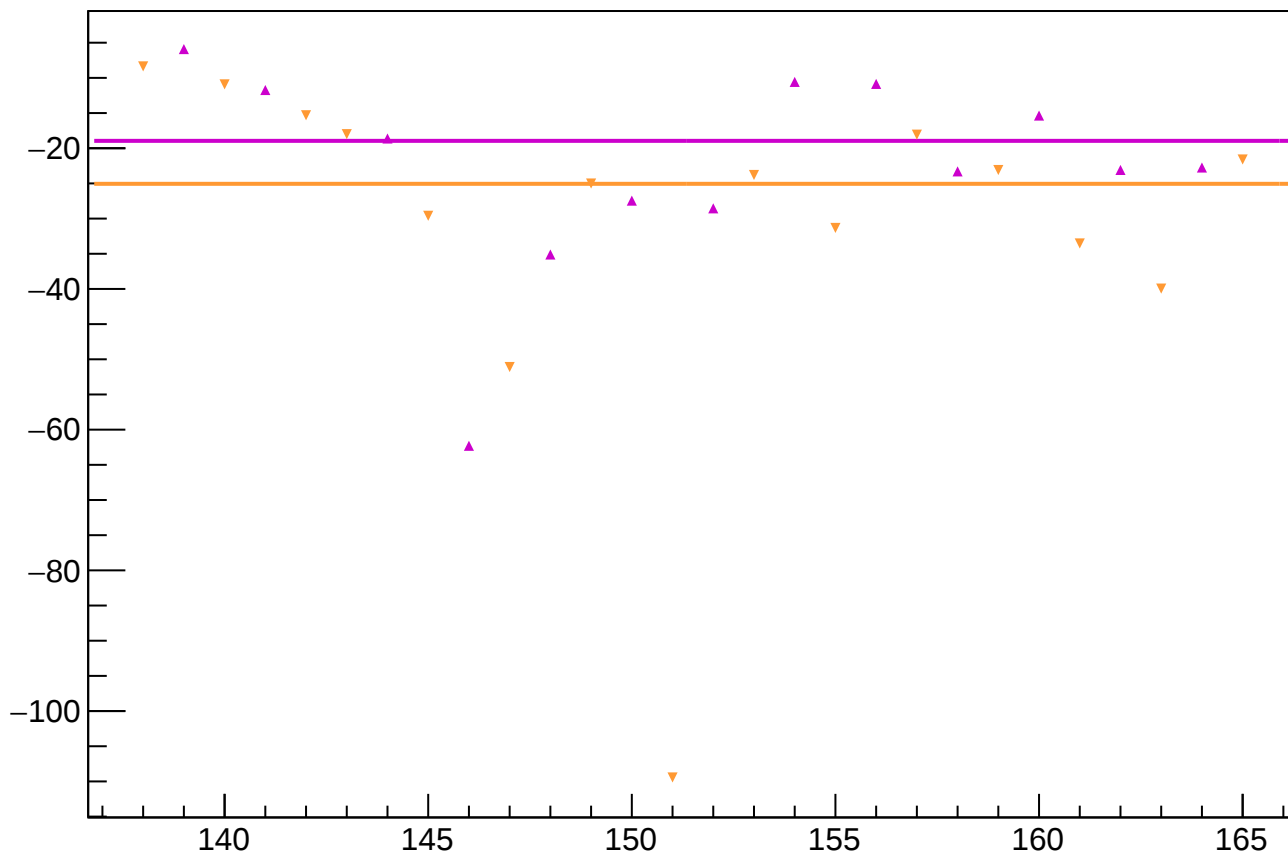
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -6.367+/-0.014 χ^2/NDF :779460.3/29

Out: -6.236+/-0.014 χ^2/NDF :1202571.4/33

All: -6.301+/-0.010 χ^2/NDF : 1982077.5/63

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.058+/-0.065 χ^2/NDF :56707.9/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.950+/-0.057 χ^2/NDF :37852.3/12

Left: -21.620+/-0.043 χ^2/NDF : 99503.6/27

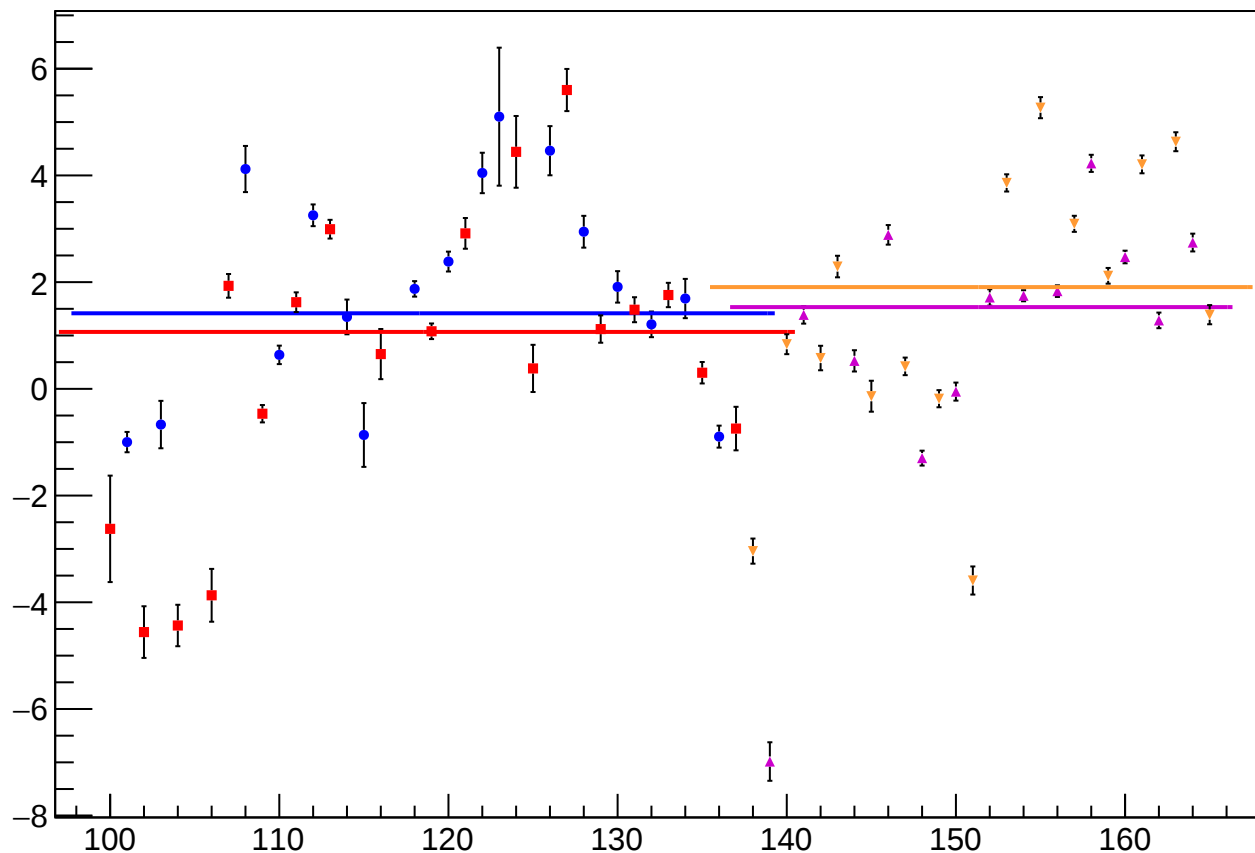
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.950+/-0.057 χ^2/NDF :37852.3/12

Out: -25.058+/-0.065 χ^2/NDF :56707.9/14

All: -21.620+/-0.043 χ^2/NDF : 99503.6/27

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2/NDF : 631.2/16

Left Out: 1.907 $\pm$ 0.047 χ^2/NDF :2181.5/14

Right Out: 1.067 $\pm$ 0.058 χ^2/NDF : 929.9/18

Left In: 1.532 $\pm$ 0.041 χ^2/NDF :1549.2/12

Left: 1.692 $\pm$ 0.031 χ^2/NDF : 3766.5/27

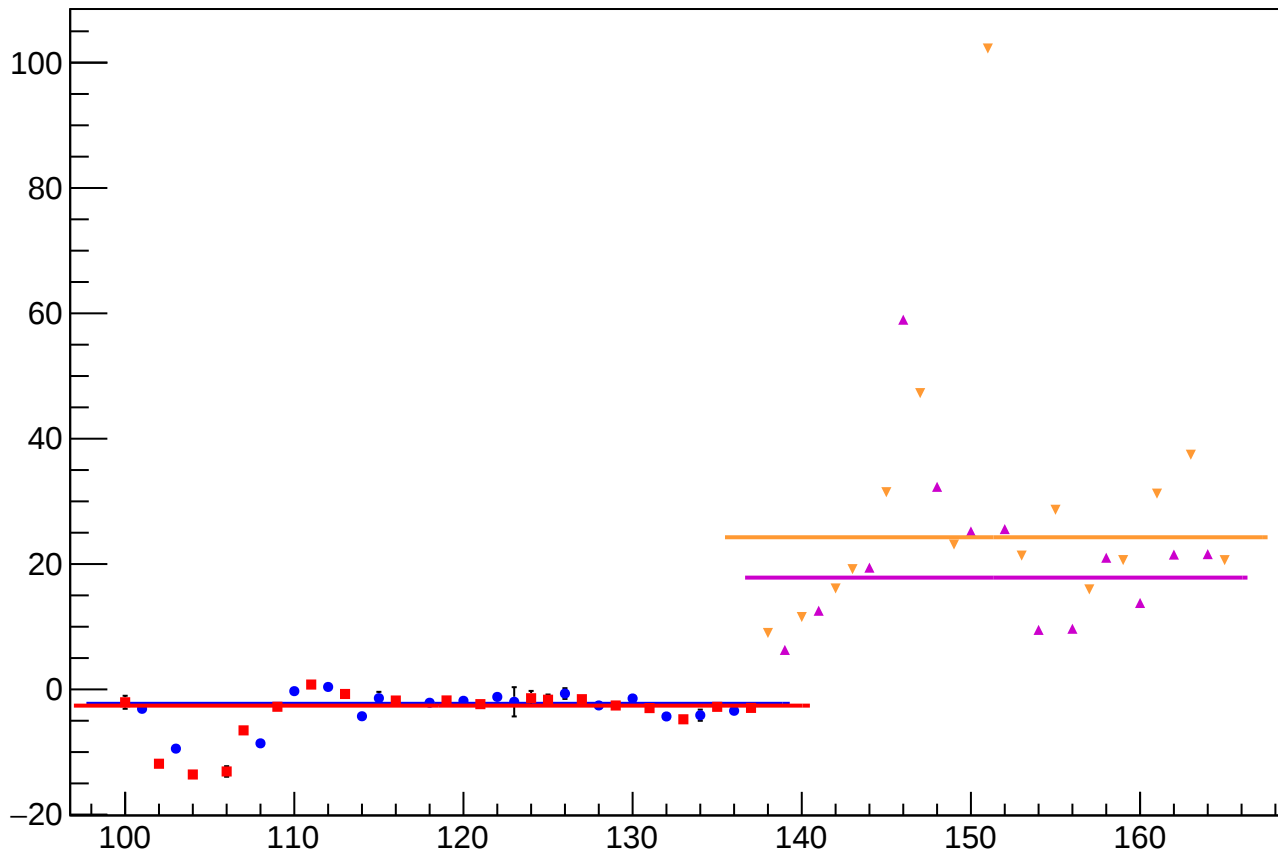
Right: 1.233 $\pm$ 0.042 χ^2/NDF : 1578.2/35

In: 1.496 $\pm$ 0.034 χ^2/NDF :2182.9/29

Out: 1.571 $\pm$ 0.037 χ^2/NDF :3236.9/33

All: 1.531 $\pm$ 0.025 χ^2/NDF : 5422.0/63

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 24.274 ± 0.064 χ^2/NDF : 50809.9/14

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.834 ± 0.055 χ^2/NDF : 35711.9/12

Left: 20.589 ± 0.042 χ^2/NDF : 92354.8/27

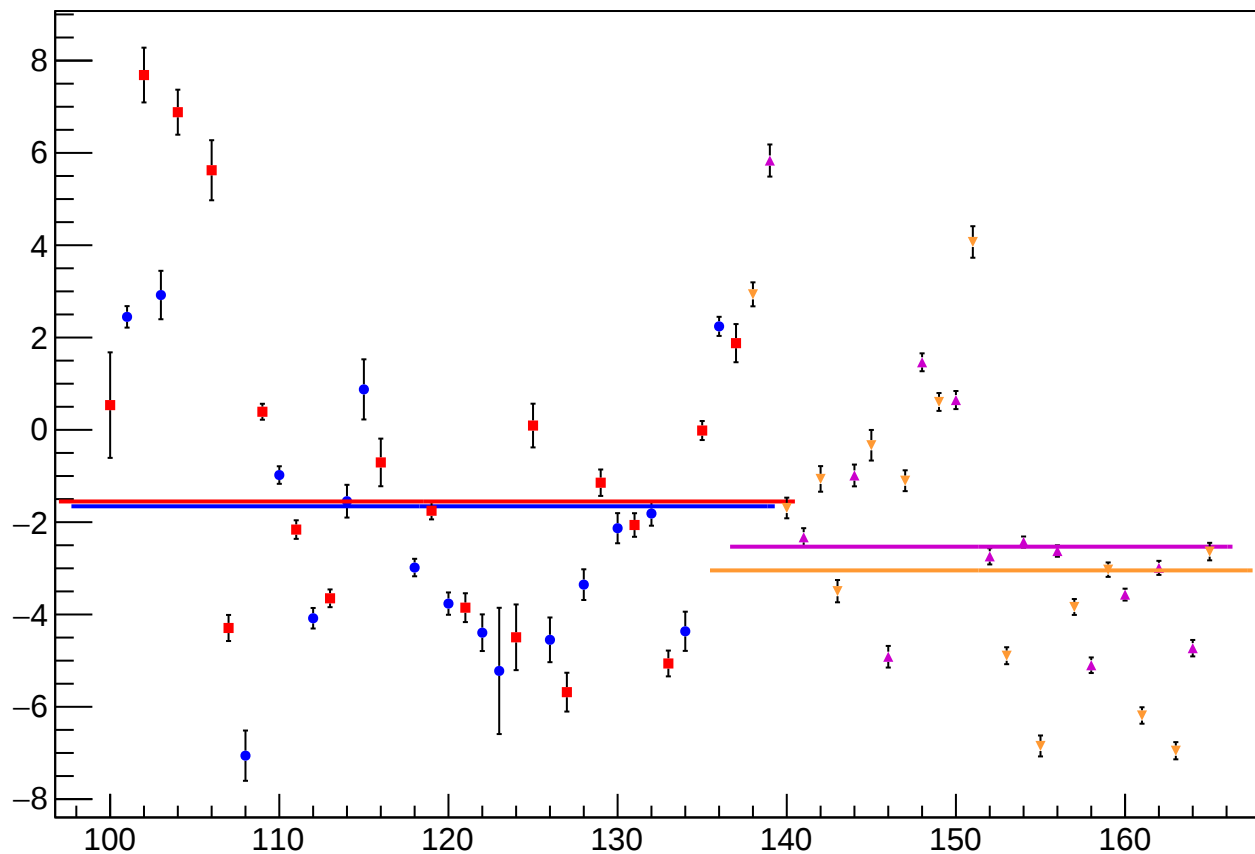
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 13.839 ± 0.049 χ^2/NDF : 62601.0/29

Out: 16.375 ± 0.054 χ^2/NDF : 103865.7/33

All: 15.004 ± 0.036 χ^2/NDF : 167678.1/63

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -3.045 ± 0.054 $\chi^2/\text{NDF}: 2711.0/14$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -2.531 ± 0.047 $\chi^2/\text{NDF}: 1874.3/12$

Left: -2.750 ± 0.035 $\chi^2/\text{NDF}: 4637.0/27$

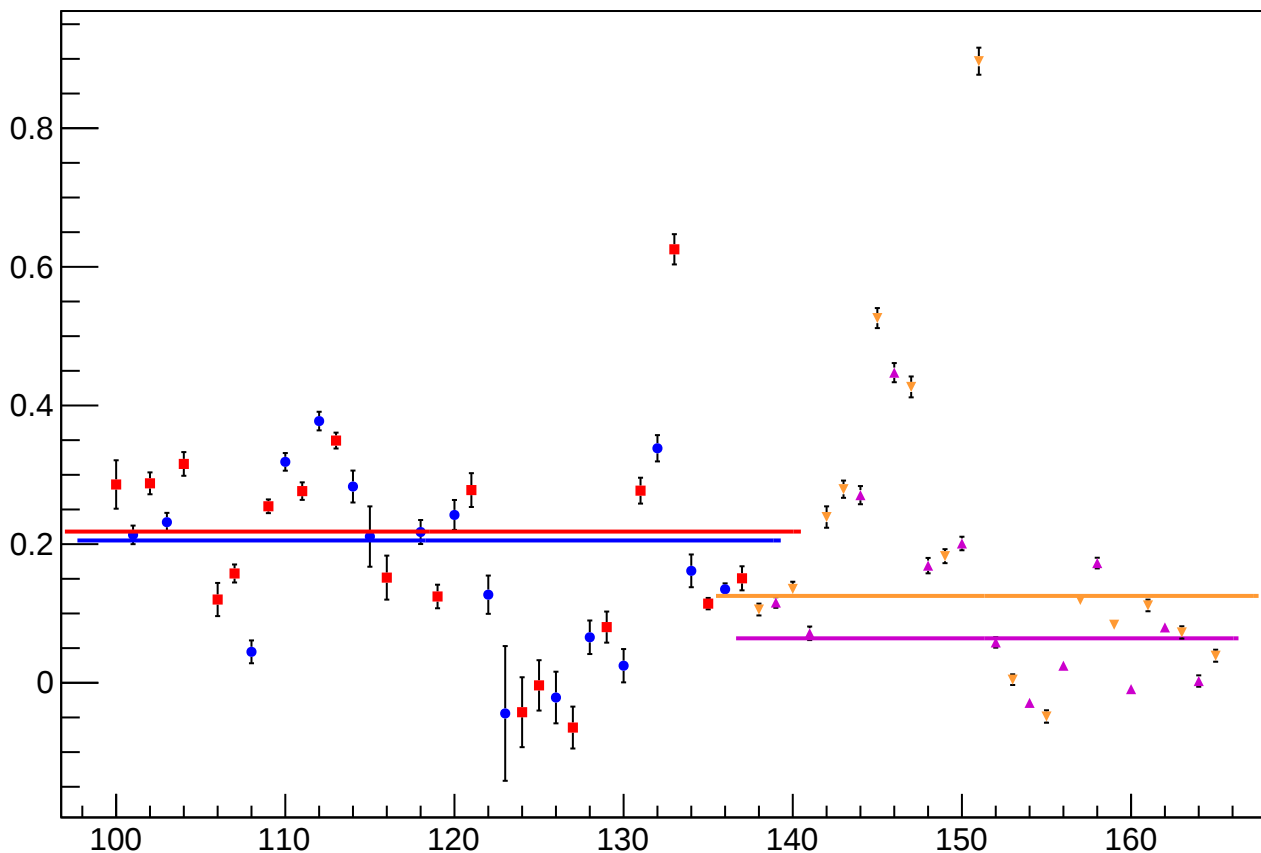
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -2.265 ± 0.039 $\chi^2/\text{NDF}: 3252.7/29$

Out: -2.440 ± 0.042 $\chi^2/\text{NDF}: 4507.2/33$

All: -2.346 ± 0.028 $\chi^2/\text{NDF}: 7769.3/63$

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: 0.125 ± 0.002 χ^2/NDF : 3769.3/14

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.064 ± 0.002 χ^2/NDF : 2182.3/12

Left: 0.089 ± 0.002 χ^2/NDF : 6320.3/27

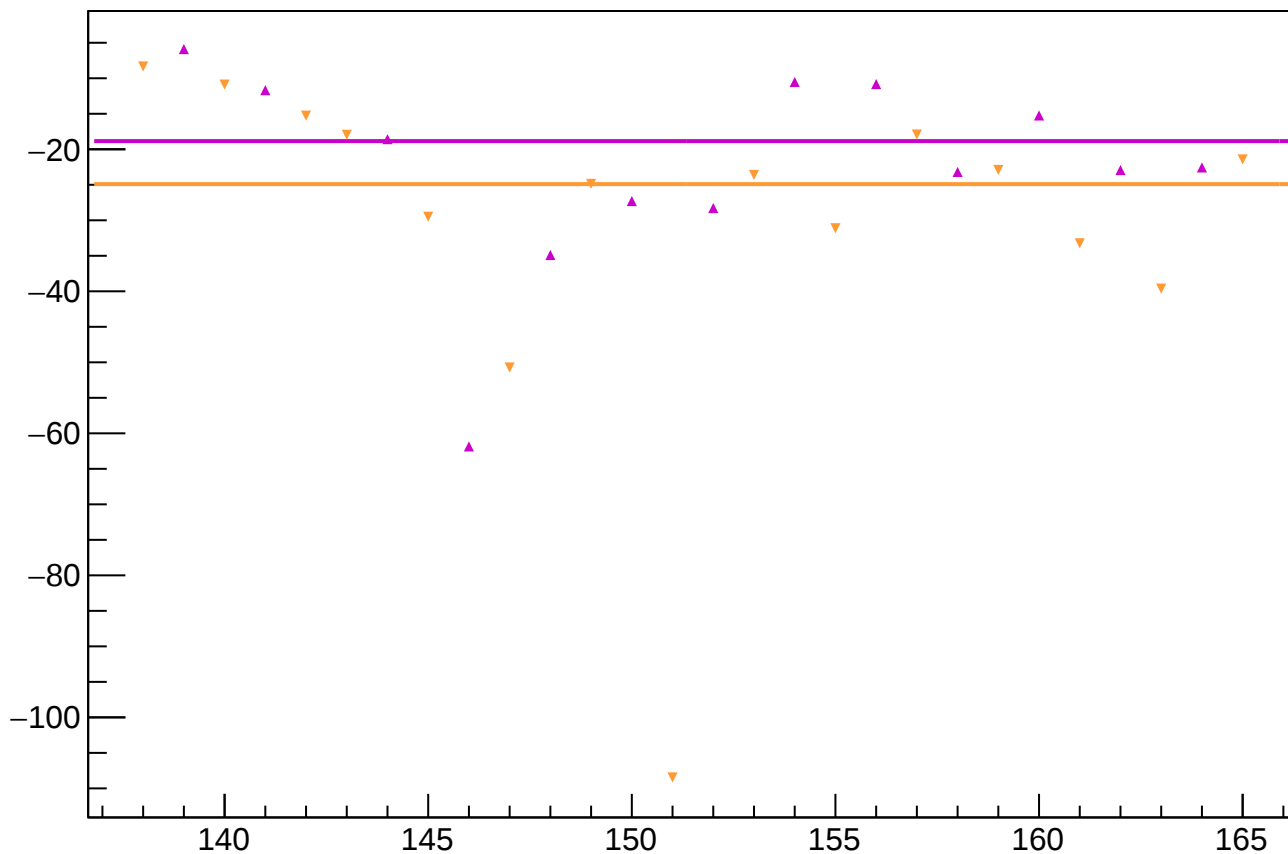
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.092 ± 0.002 χ^2/NDF : 3738.3/29

Out: 0.154 ± 0.002 χ^2/NDF : 5232.1/33

All: 0.119 ± 0.001 χ^2/NDF : 9480.2/63

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: -24.907+/-0.065 χ^2/NDF :56521.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.848+/-0.057 χ^2/NDF :37764.7/12

Left: -21.497+/-0.043 χ^2/NDF : 99211.4/27

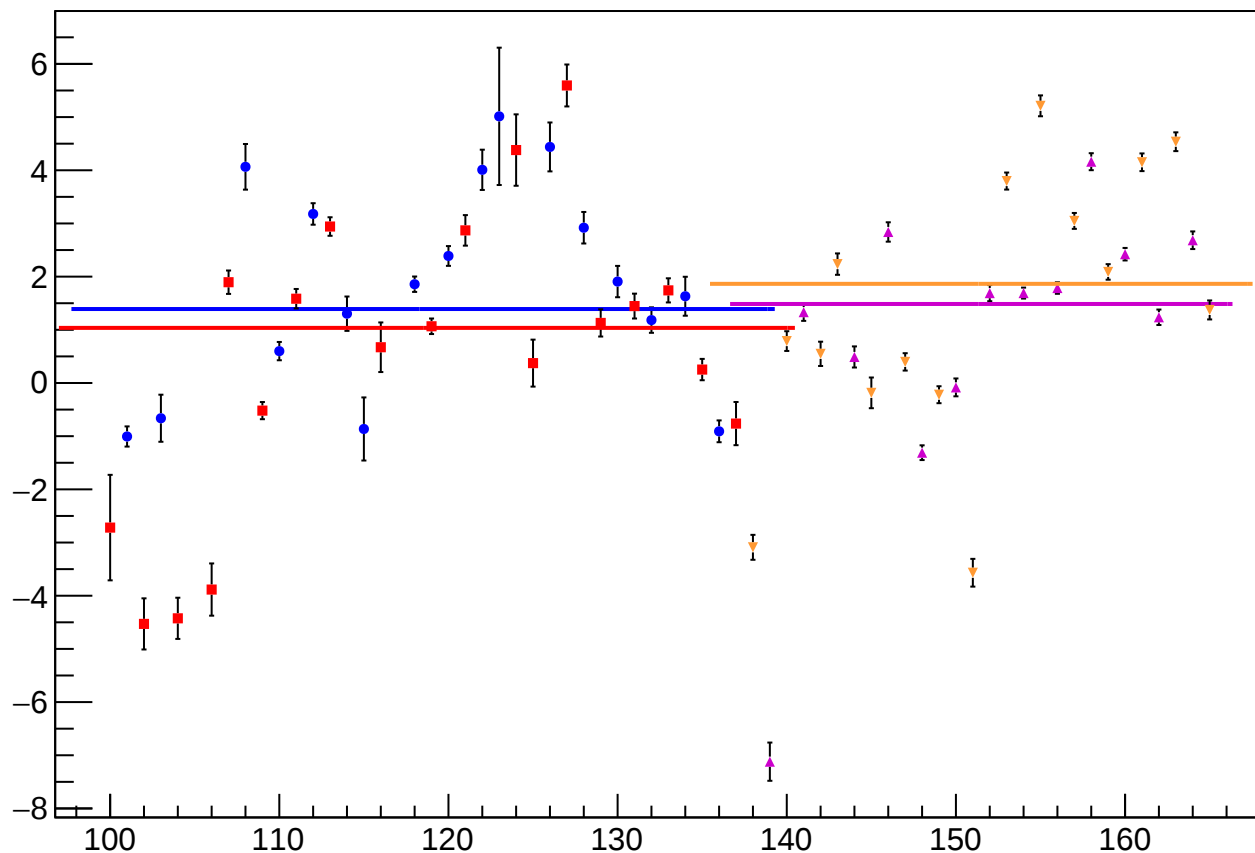
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.848+/-0.057 χ^2/NDF :37764.7/12

Out: -24.907+/-0.065 χ^2/NDF :56521.4/14

All: -21.497+/-0.043 χ^2/NDF : 99211.4/27

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: 1.865 ± 0.047 χ^2/NDF : 2180.2/14

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 1.486 ± 0.041 χ^2/NDF : 1561.0/12

Left: 1.647 ± 0.031 χ^2/NDF : 3778.3/27

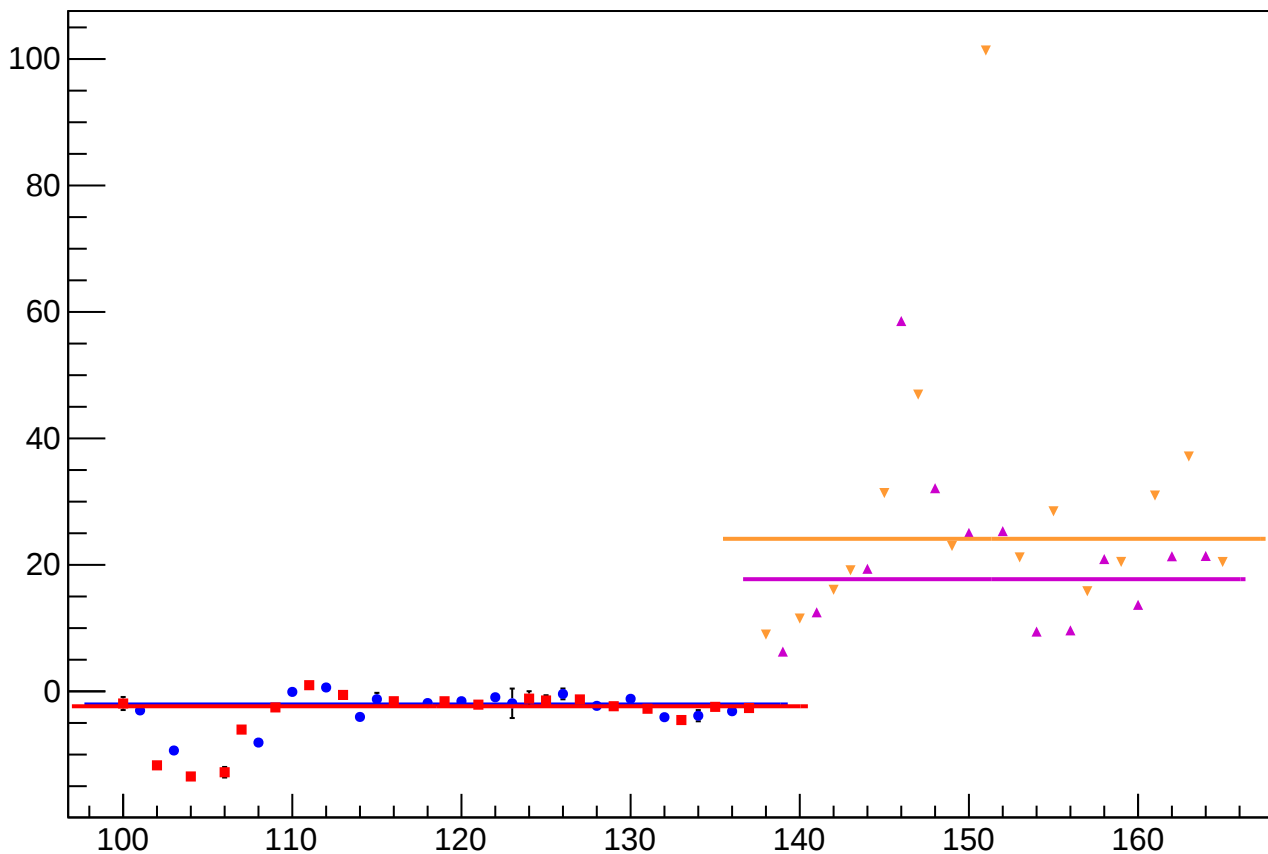
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.457 ± 0.034 χ^2/NDF : 2191.9/29

Out: 1.534 ± 0.037 χ^2/NDF : 3237.7/33

All: 1.492 ± 0.025 χ^2/NDF : 5432.0/63

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.122 ± 0.063 χ^2/NDF : 50671.2/14

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.737 ± 0.055 χ^2/NDF : 35640.7/12

Left: 20.470 ± 0.041 χ^2/NDF : 92119.4/27

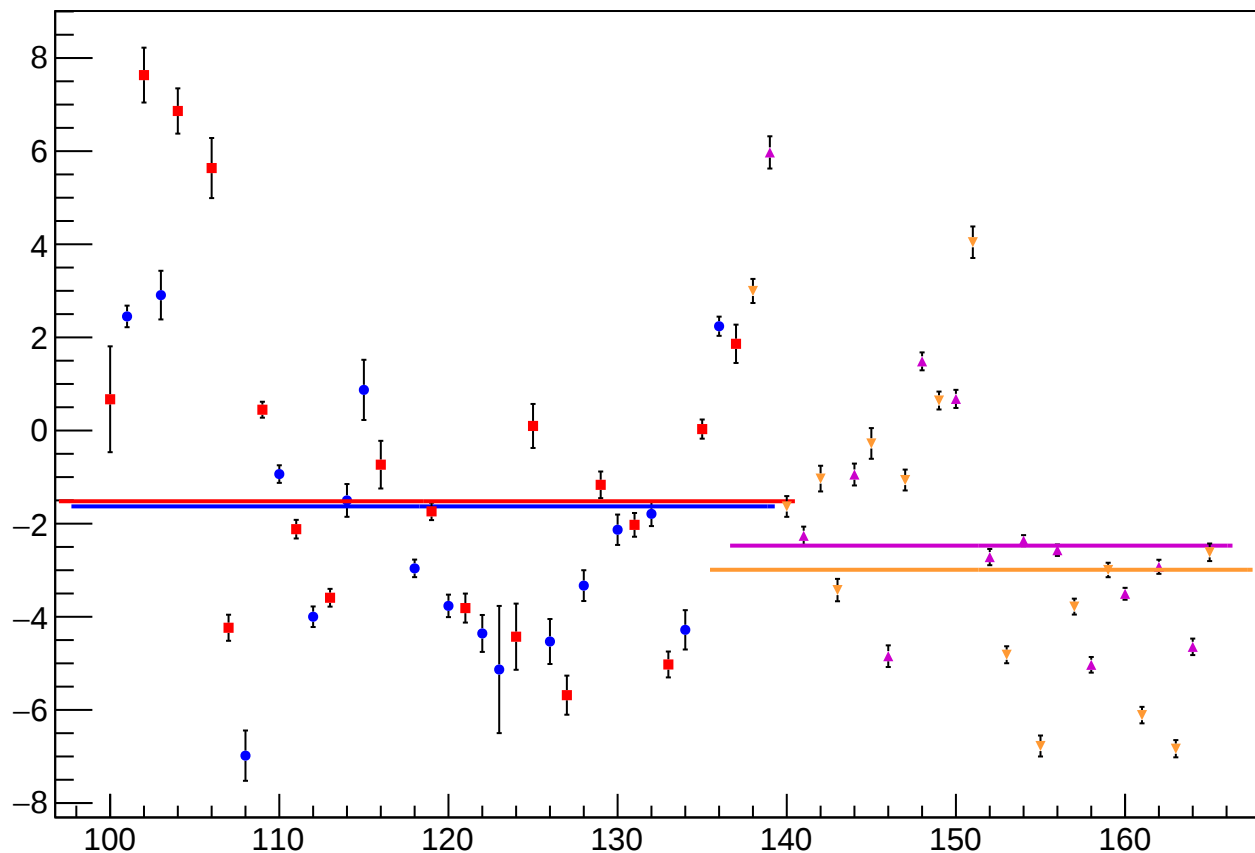
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 13.812 ± 0.049 χ^2/NDF : 61962.0/29

Out: 16.347 ± 0.053 χ^2/NDF : 102846.9/33

All: 14.976 ± 0.036 χ^2/NDF : 166033.6/63

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: -2.990 ± 0.054 χ^2/NDF : 2708.4/14

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.472 ± 0.046 χ^2/NDF : 1887.9/12

Left: -2.692 ± 0.035 χ^2/NDF : 4649.6/27

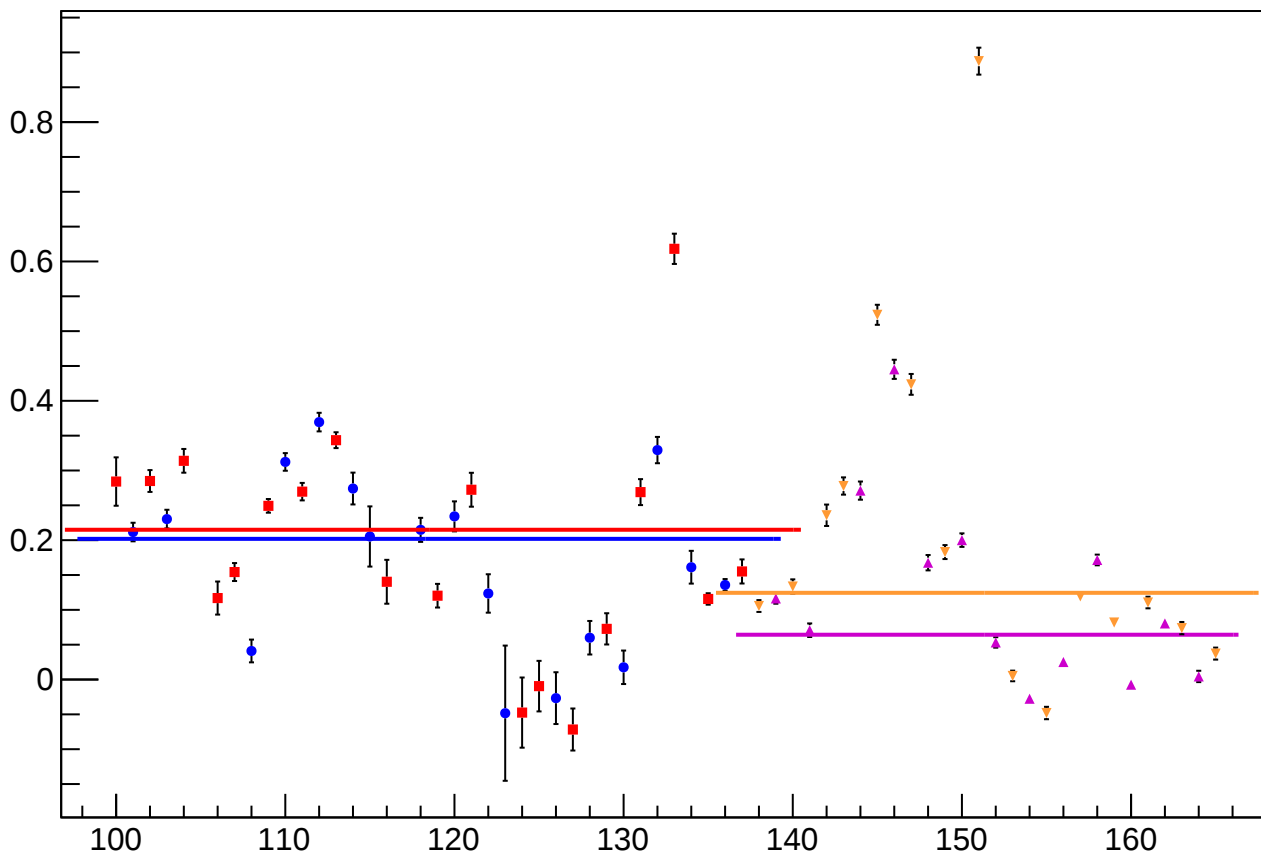
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.216 ± 0.039 χ^2/NDF : 3254.9/29

Out: -2.395 ± 0.042 χ^2/NDF : 4502.6/33

All: -2.299 ± 0.028 χ^2/NDF : 7767.4/63

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.124 ± 0.002 χ^2/NDF : 3764.3/14

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.064 ± 0.002 χ^2/NDF : 2173.3/12

Left: 0.089 ± 0.002 χ^2/NDF : 6298.6/27

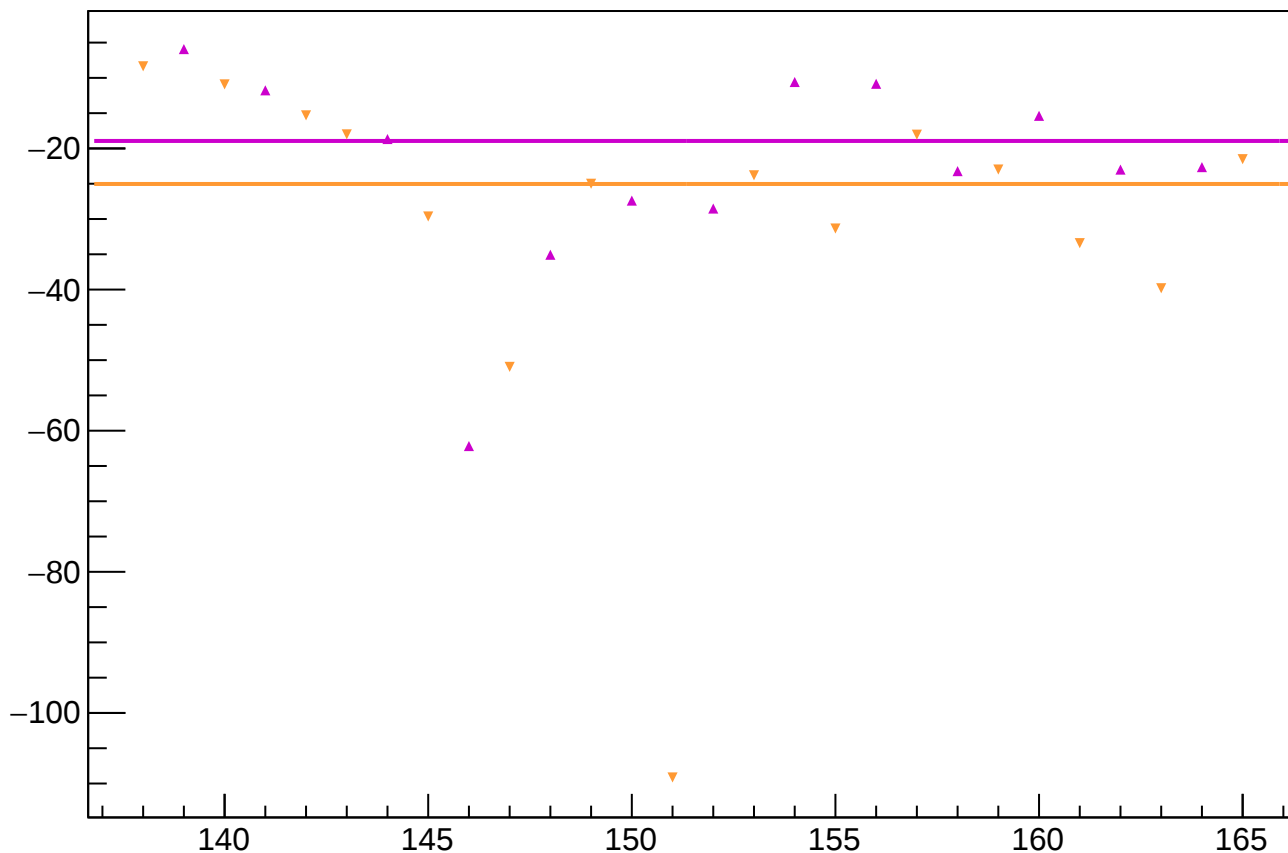
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.091 ± 0.002 χ^2/NDF : 3676.0/29

Out: 0.152 ± 0.002 χ^2/NDF : 5192.6/33

All: 0.118 ± 0.001 χ^2/NDF : 9367.3/63

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.035+/-0.065 χ^2/NDF :56651.4/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.938+/-0.057 χ^2/NDF :37821.9/12

Left: -21.602+/-0.043 χ^2/NDF : 99422.5/27

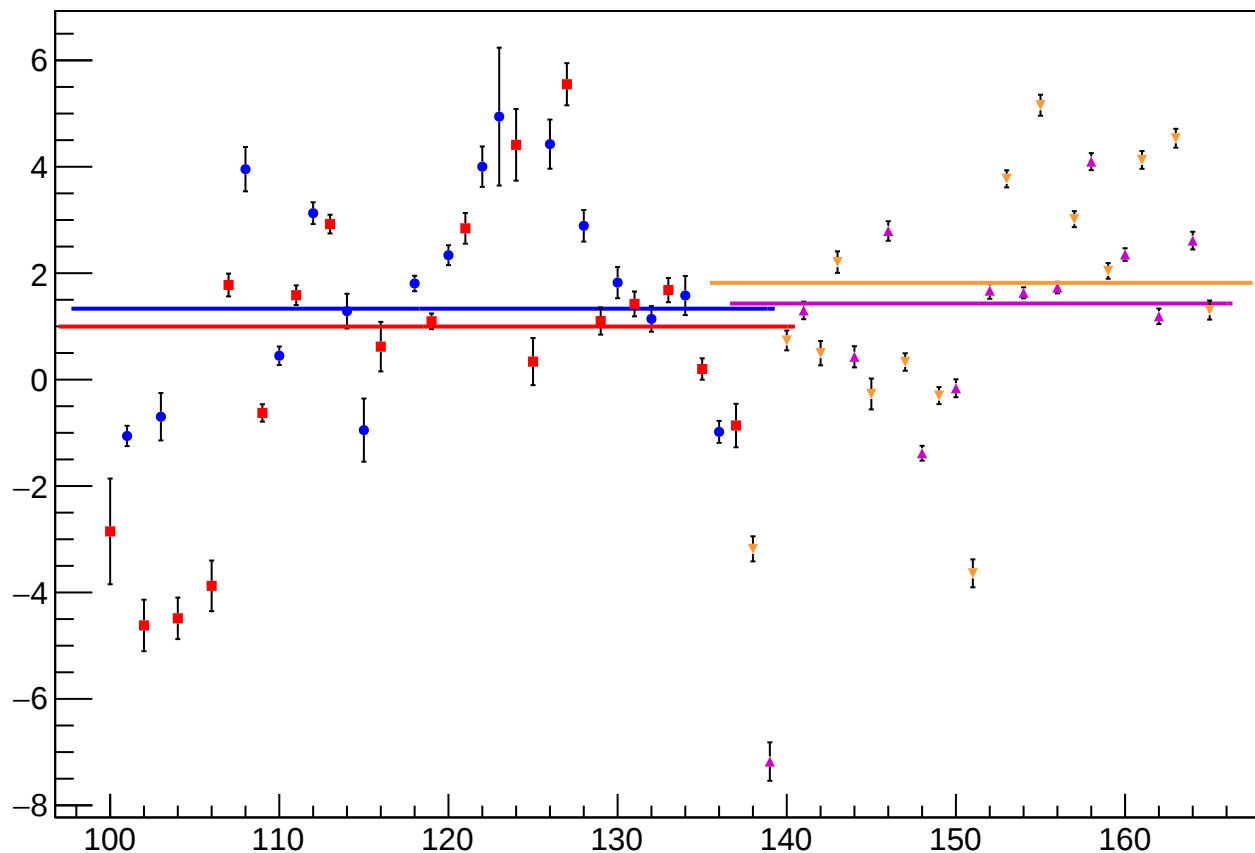
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.938+/-0.057 χ^2/NDF :37821.9/12

Out: -25.035+/-0.065 χ^2/NDF :56651.4/14

All: -21.602+/-0.043 χ^2/NDF : 99422.5/27

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: 1.817 ± 0.047 χ^2/NDF : 2199.1/14

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 1.430 ± 0.041 χ^2/NDF : 1553.0/12

Left: 1.595 ± 0.031 χ^2/NDF : 3790.7/27

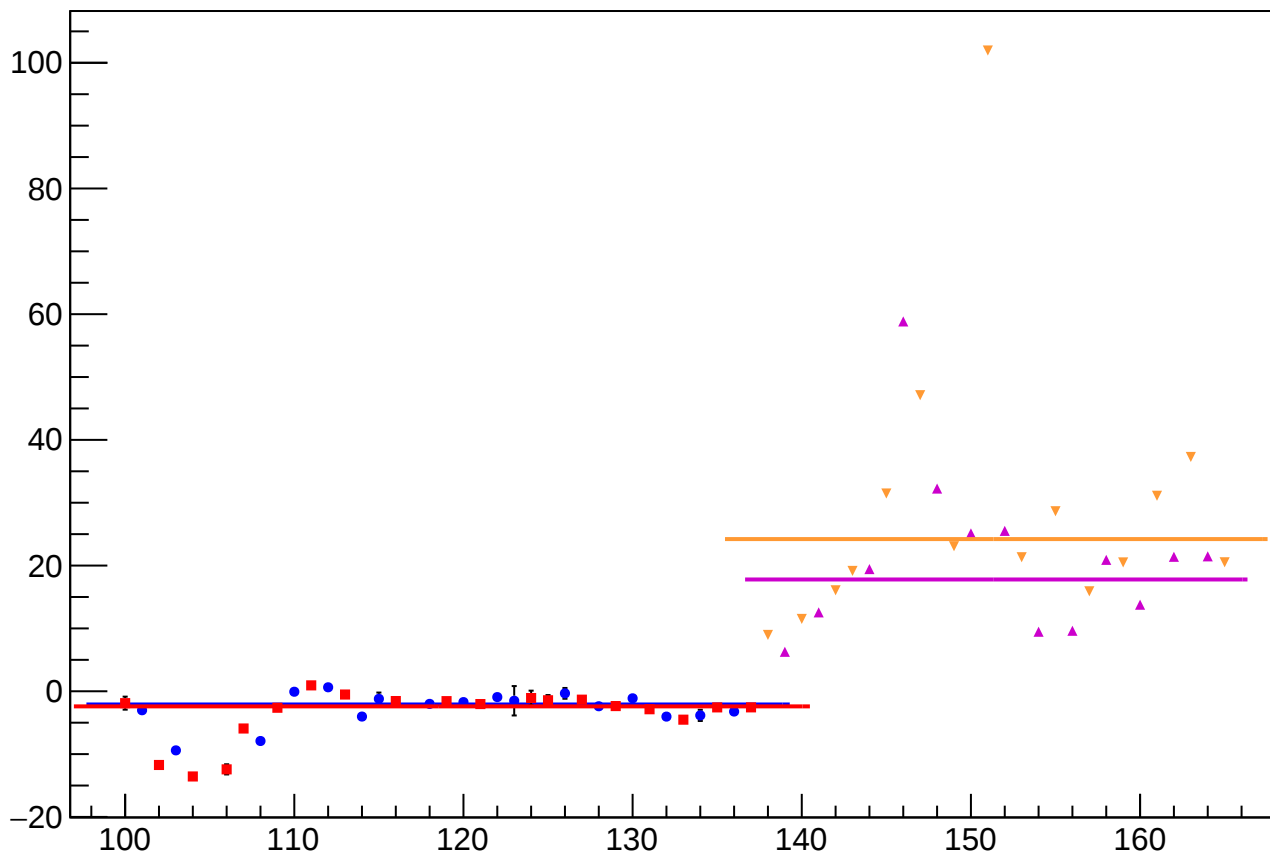
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.400 ± 0.034 χ^2/NDF : 2189.3/29

Out: 1.489 ± 0.037 χ^2/NDF : 3264.9/33

All: 1.441 ± 0.025 χ^2/NDF : 5457.4/63

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.215 ± 0.064 χ^2/NDF : 50781.7/14

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.787 ± 0.055 χ^2/NDF : 35707.5/12

Left: 20.536 ± 0.042 χ^2/NDF : 92330.3/27

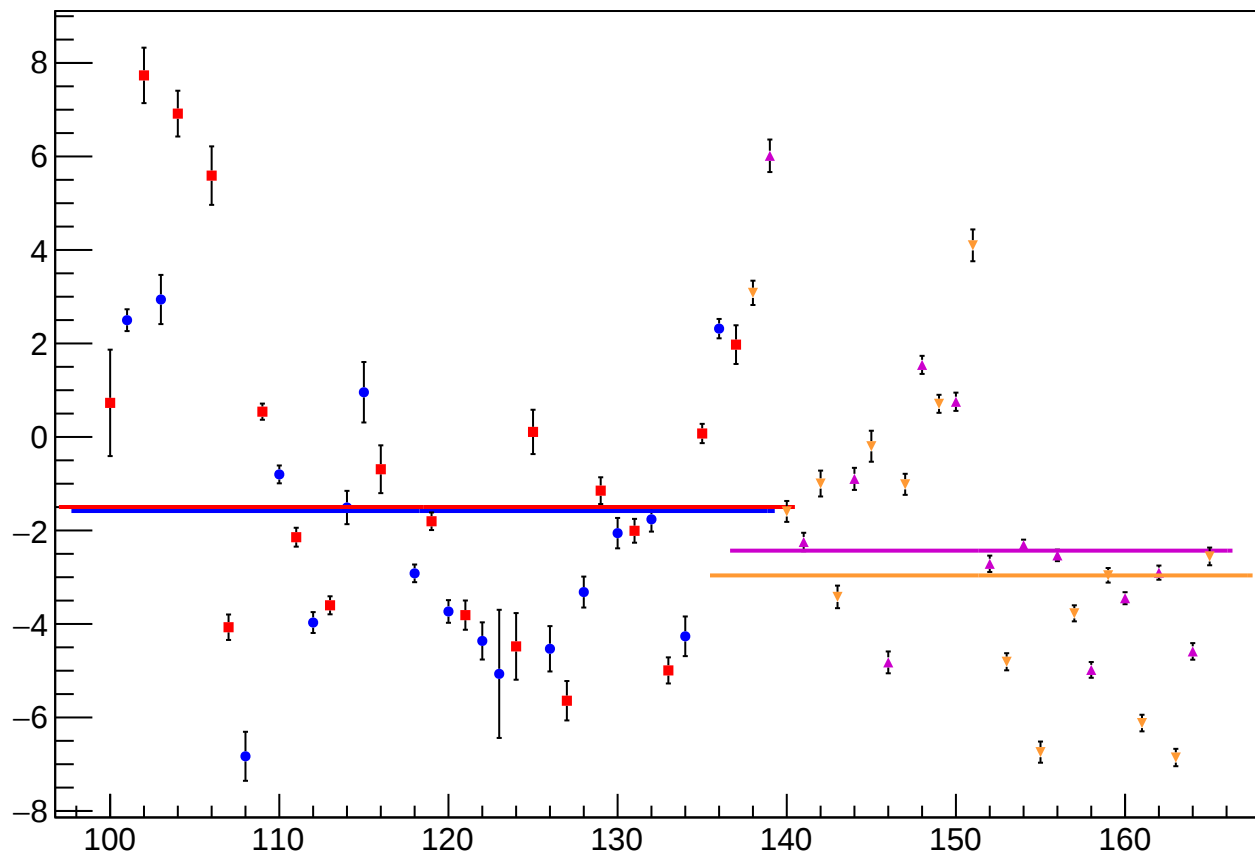
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 13.858 ± 0.049 χ^2/NDF : 61973.1/29

Out: 16.408 ± 0.053 χ^2/NDF : 102996.6/33

All: 15.028 ± 0.036 χ^2/NDF : 166199.5/63

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 $\pm$ 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.962 $\pm$ 0.054 χ^2/NDF : 2733.7/14

Right Out: -1.498 $\pm$ 0.066 χ^2/NDF : 1503.7/18

Left In: -2.432 $\pm$ 0.046 χ^2/NDF : 1879.7/12

Left: -2.657 $\pm$ 0.035 χ^2/NDF : 4668.7/27

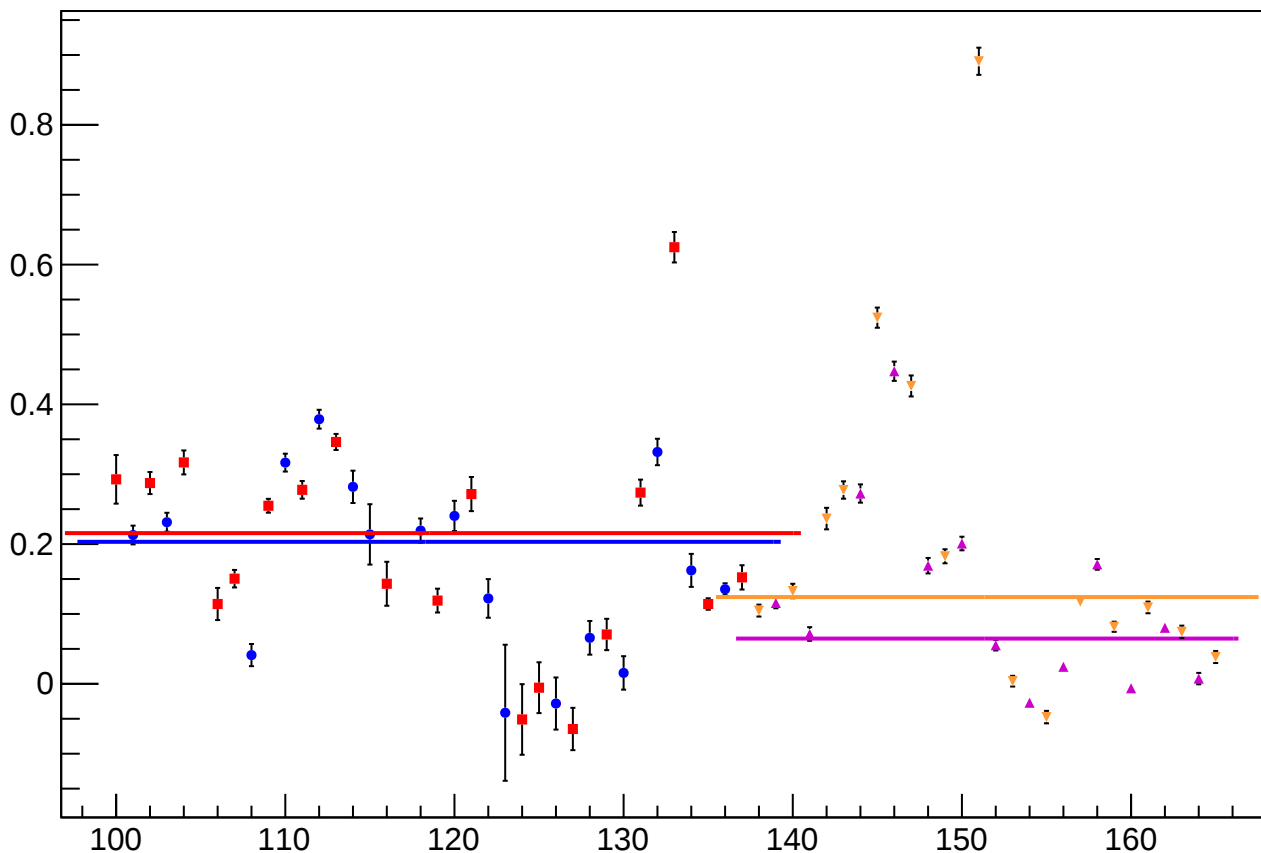
Right: -1.538 $\pm$ 0.048 χ^2/NDF : 2776.6/35

In: -2.175 $\pm$ 0.039 χ^2/NDF : 3252.7/29

Out: -2.369 $\pm$ 0.042 χ^2/NDF : 4534.4/33

All: -2.265 $\pm$ 0.028 χ^2/NDF : 7798.7/63

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.124 $\pm$ 0.002 χ^2 /NDF:3752.3/14

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.065 $\pm$ 0.002 χ^2 /NDF:2158.8/12

Left: 0.089 $\pm$ 0.002 χ^2 /NDF: 6260.6/27

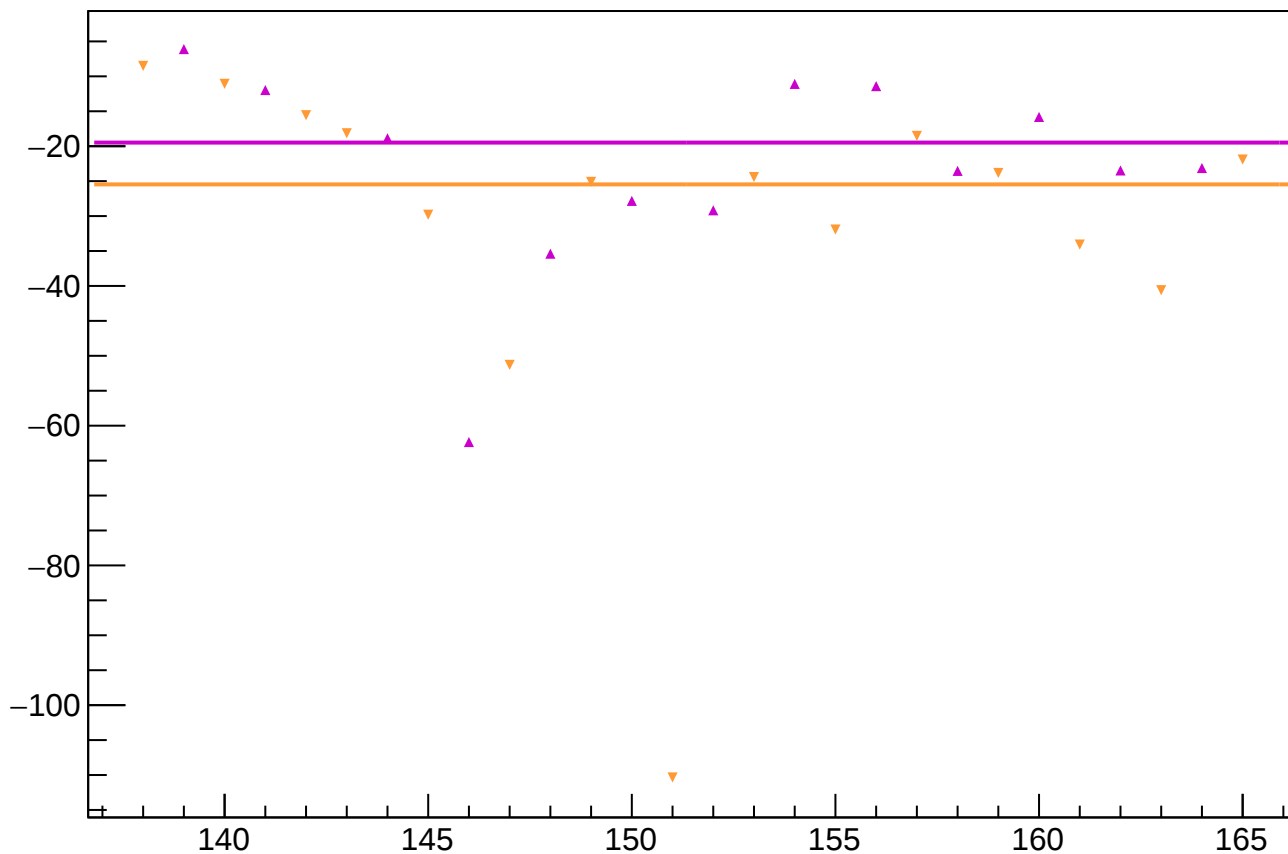
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.092 $\pm$ 0.002 χ^2 /NDF:3694.8/29

Out: 0.152 $\pm$ 0.002 χ^2 /NDF:5220.0/33

All: 0.119 $\pm$ 0.001 χ^2 /NDF: 9402.0/63

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.465+/-0.066 χ^2/NDF :56573.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.481+/-0.059 χ^2/NDF :36703.2/12

Left: -22.117+/-0.044 χ^2/NDF : 97857.8/27

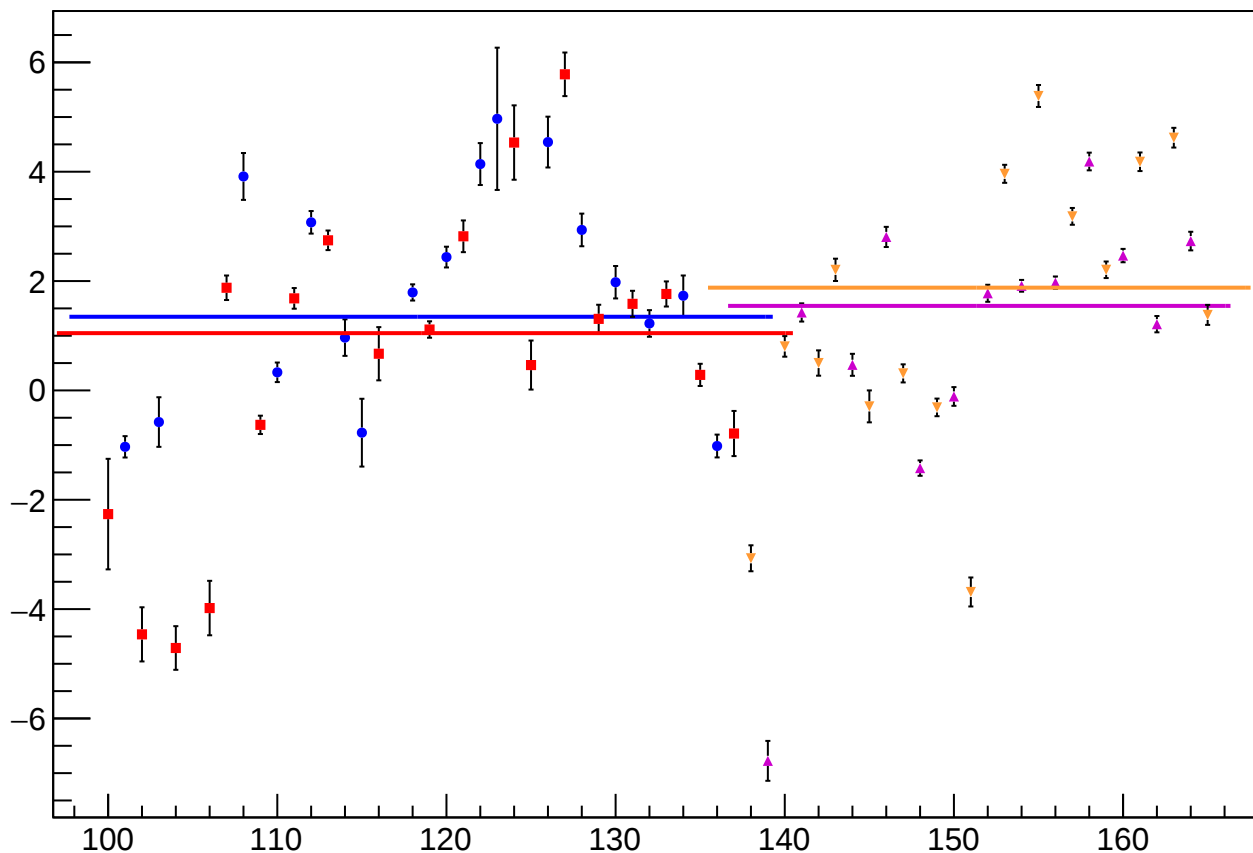
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.481+/-0.059 χ^2/NDF :36703.2/12

Out: -25.465+/-0.066 χ^2/NDF :56573.3/14

All: -22.117+/-0.044 χ^2/NDF : 97857.8/27

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.879 $\pm$ 0.048 χ^2 /NDF:2237.5/14

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.546 $\pm$ 0.042 χ^2 /NDF:1539.1/12

Left: 1.689 $\pm$ 0.032 χ^2 /NDF: 3804.0/27

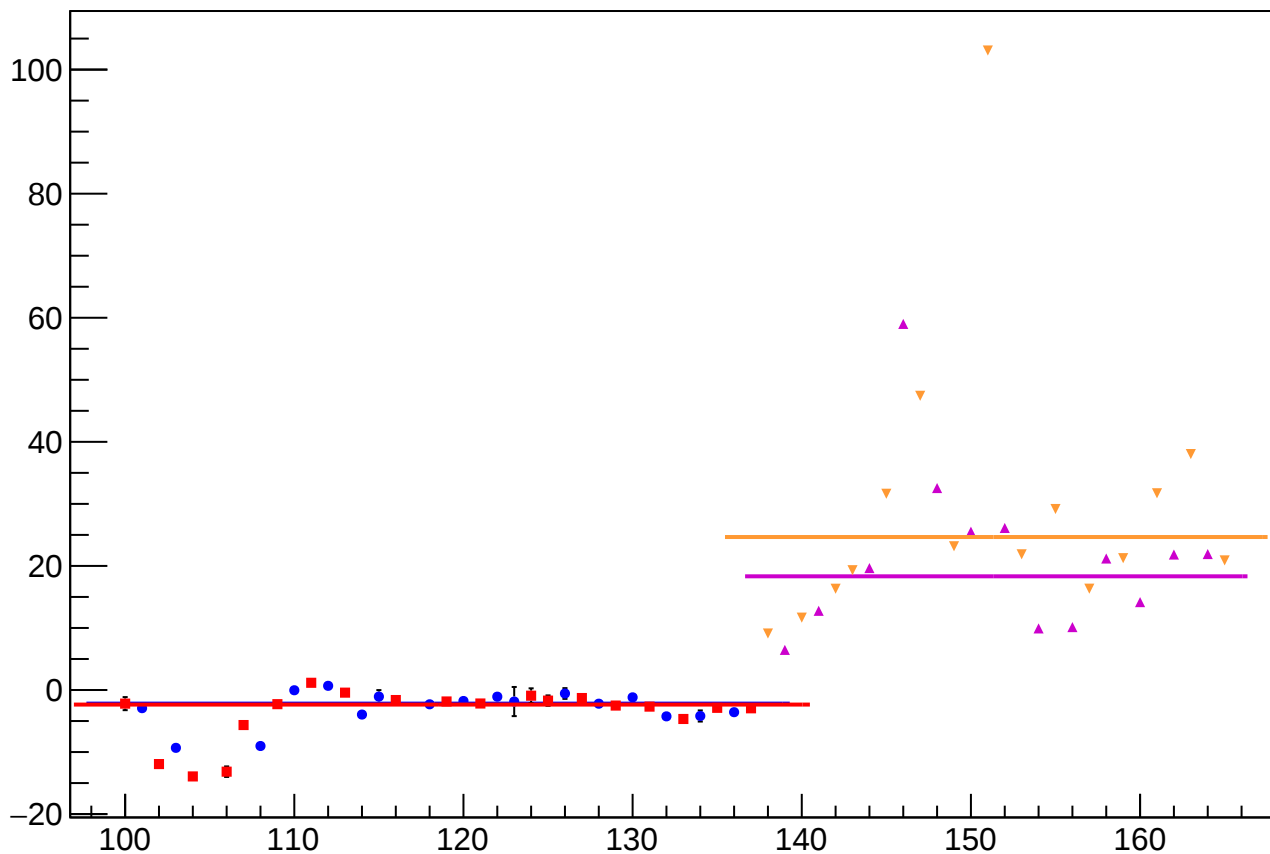
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.484 $\pm$ 0.035 χ^2 /NDF:2176.2/29

Out: 1.549 $\pm$ 0.037 χ^2 /NDF:3272.6/33

All: 1.514 $\pm$ 0.025 χ^2 /NDF: 5450.4/63

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 24.658 ± 0.065 χ^2/NDF : 50559.0/14

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 18.325 ± 0.056 χ^2/NDF : 34493.3/12

Left: 21.057 ± 0.043 χ^2/NDF : 90491.7/27

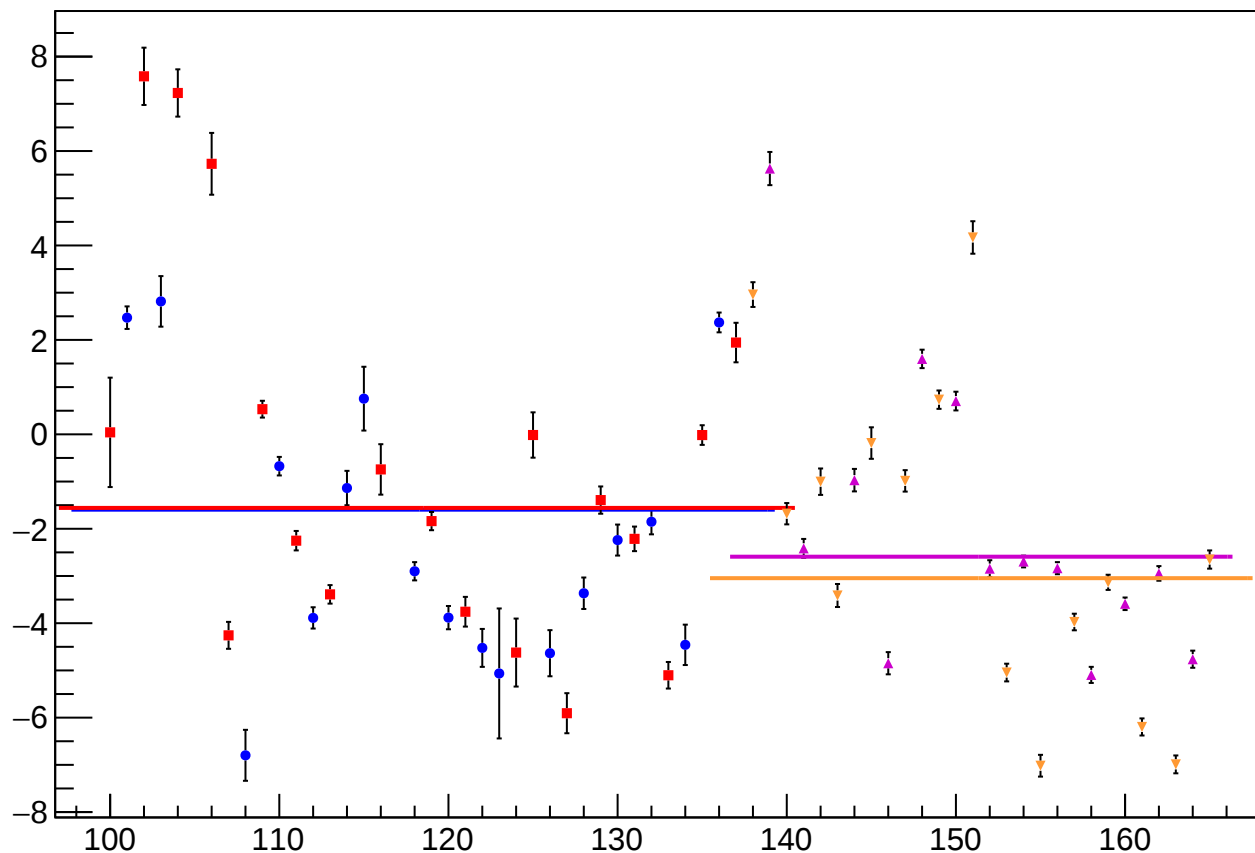
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 14.225 ± 0.050 χ^2/NDF : 61411.2/29

Out: 16.778 ± 0.054 χ^2/NDF : 102229.7/33

All: 15.403 ± 0.037 χ^2/NDF : 164822.9/63

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -3.046 ± 0.055 χ^2/NDF : 2771.3/14

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.591 ± 0.048 χ^2/NDF : 1849.3/12

Left: -2.786 ± 0.036 χ^2/NDF : 4659.7/27

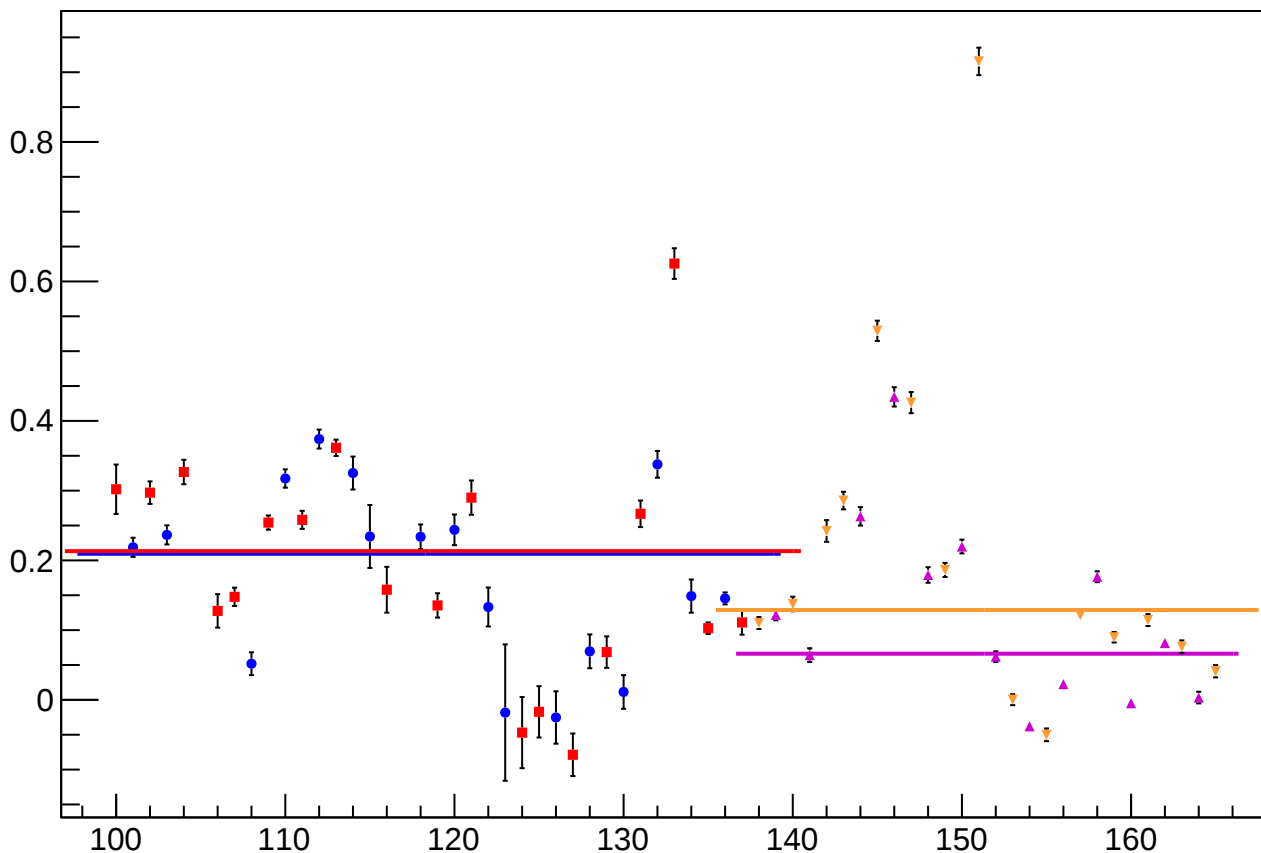
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.286 ± 0.040 χ^2/NDF : 3238.6/29

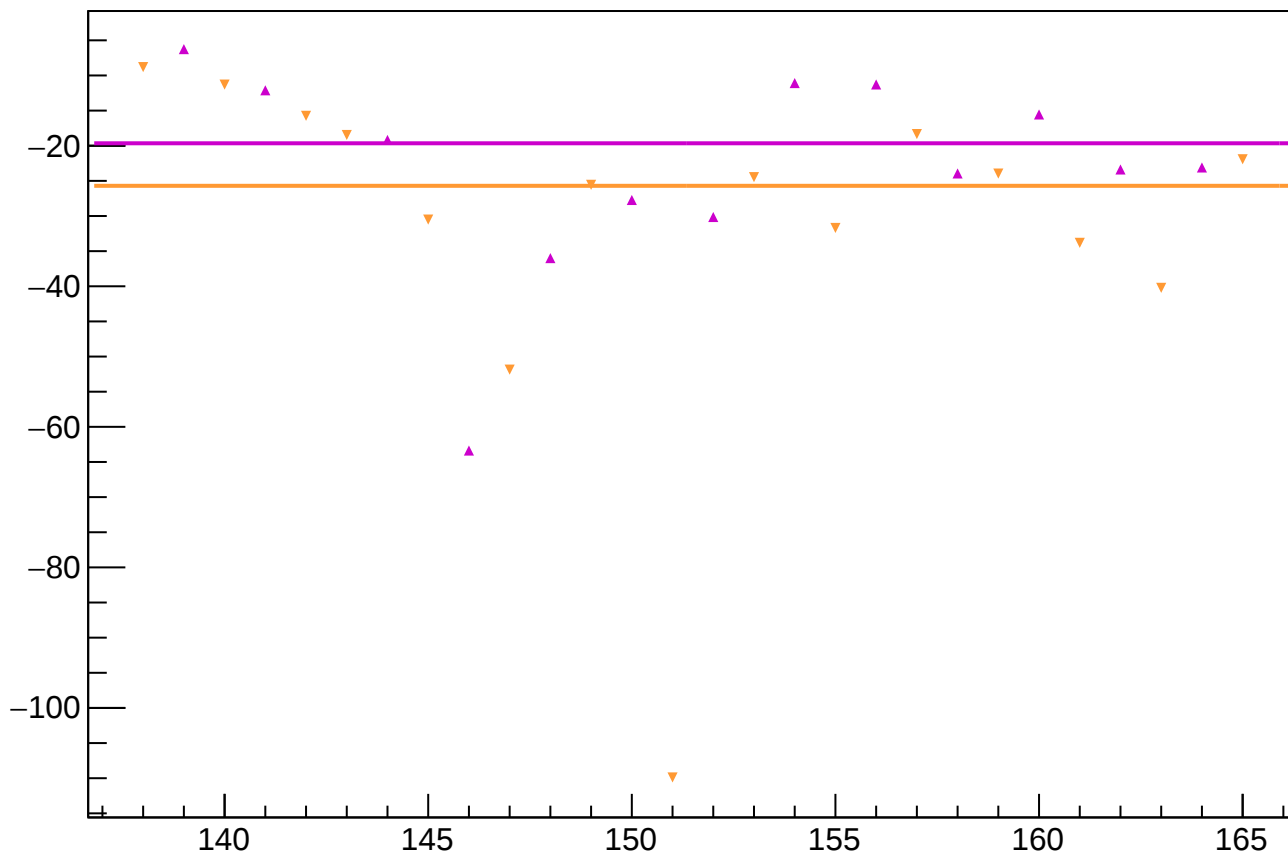
Out: -2.446 ± 0.042 χ^2/NDF : 4530.6/33

All: -2.361 ± 0.029 χ^2/NDF : 7776.7/63

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



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: -25.702+/-0.067 χ^2/NDF :55327.3/14

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.651+/-0.060 χ^2/NDF :36956.9/12

Left: -22.330+/-0.044 χ^2/NDF : 96851.9/27

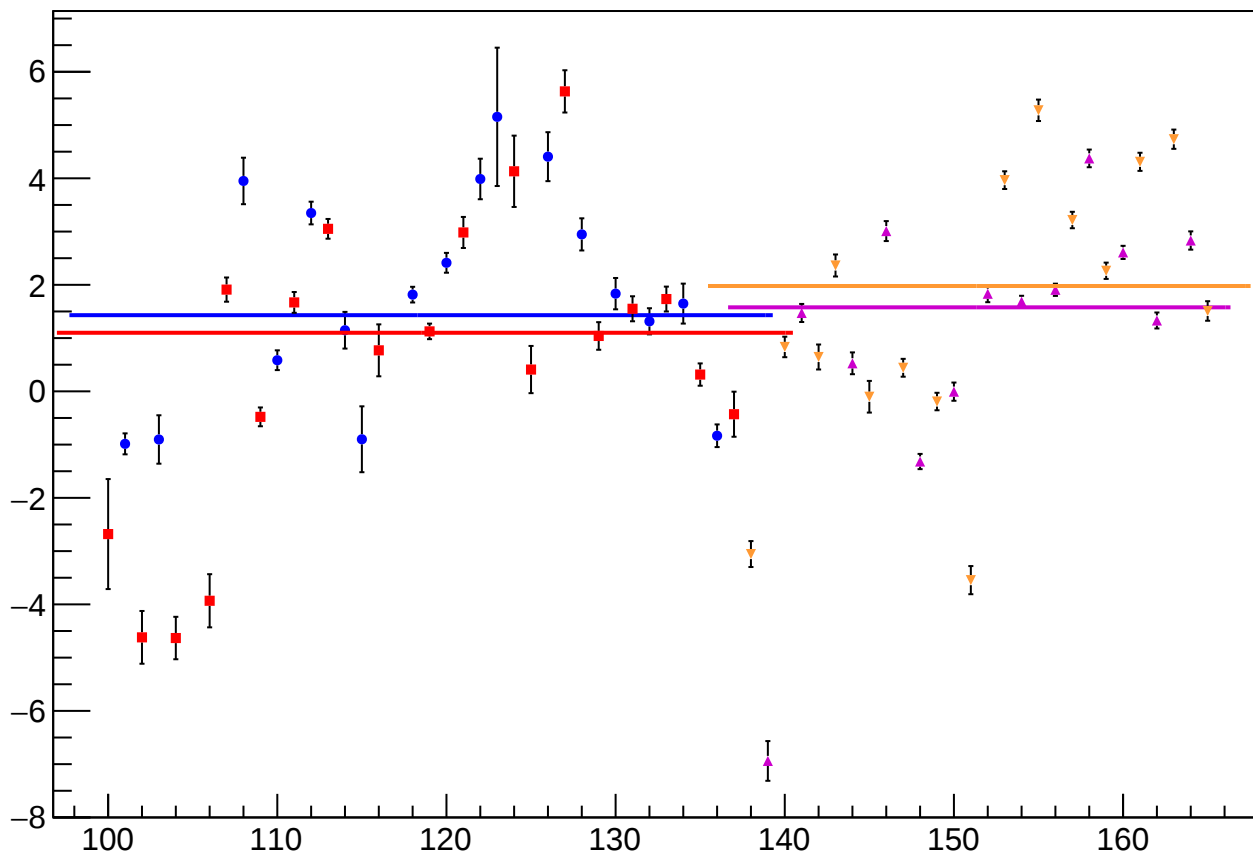
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.651+/-0.060 χ^2/NDF :36956.9/12

Out: -25.702+/-0.067 χ^2/NDF :55327.3/14

All: -22.330+/-0.044 χ^2/NDF : 96851.9/27

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: 1.978 $\pm$ 0.049 χ^2 /NDF:2149.4/14

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 1.577 $\pm$ 0.042 χ^2 /NDF:1523.9/12

Left: 1.751 $\pm$ 0.032 χ^2 /NDF: 3712.0/27

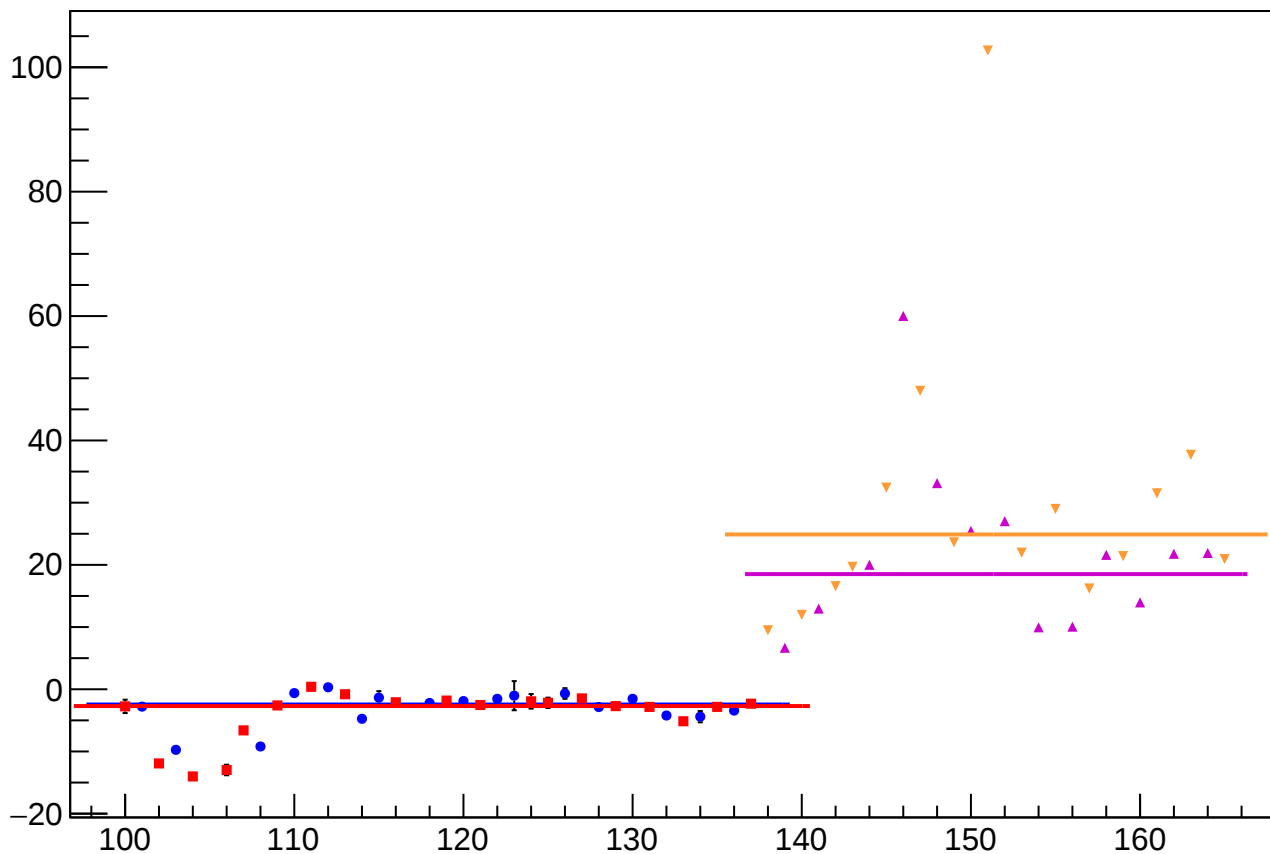
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.531 $\pm$ 0.035 χ^2 /NDF:2125.8/29

Out: 1.630 $\pm$ 0.038 χ^2 /NDF:3180.1/33

All: 1.577 $\pm$ 0.026 χ^2 /NDF: 5309.5/63

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: 24.890 ± 0.065 χ^2/NDF : 49593.6/14

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.515 ± 0.057 χ^2/NDF : 34787.4/12

Left: 21.281 ± 0.043 χ^2/NDF : 89761.1/27

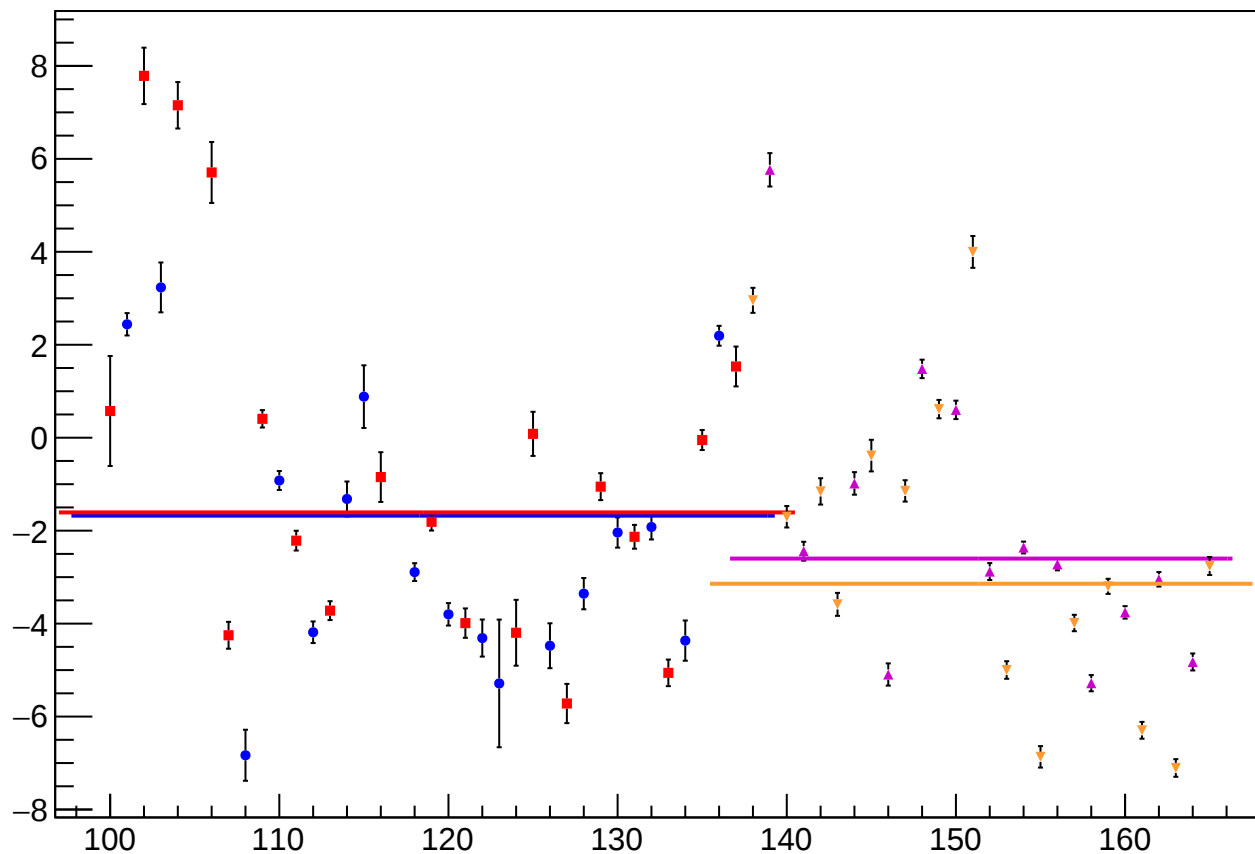
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 14.325 ± 0.051 χ^2/NDF : 62021.8/29

Out: 16.973 ± 0.055 χ^2/NDF : 101500.1/33

All: 15.549 ± 0.038 χ^2/NDF : 164758.3/63

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -3.142 ± 0.056 χ^2/NDF : 2665.1/14

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.601 ± 0.048 χ^2/NDF : 1851.6/12

Left: -2.834 ± 0.036 χ^2/NDF : 4570.7/27

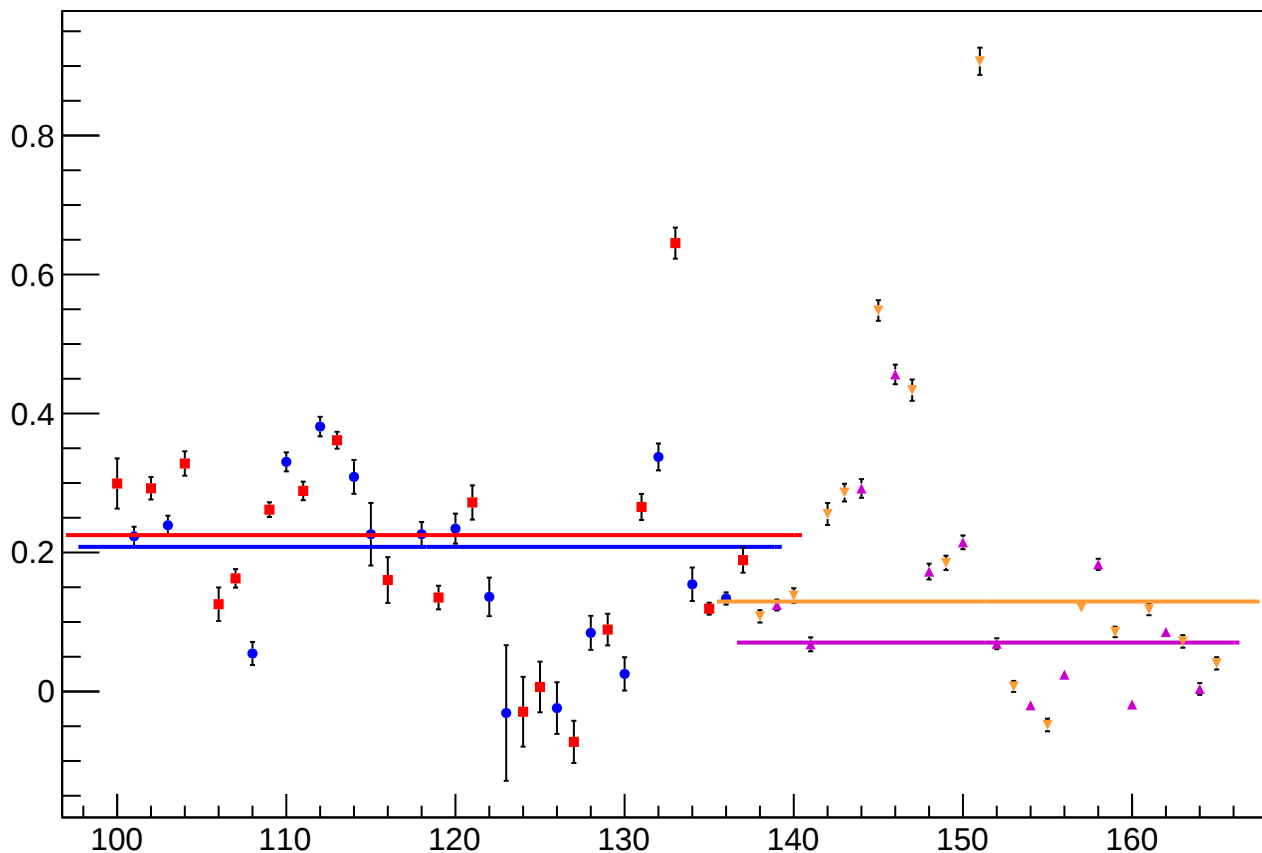
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.316 ± 0.040 χ^2/NDF : 3168.8/29

Out: -2.527 ± 0.043 χ^2/NDF : 4402.2/33

All: -2.415 ± 0.029 χ^2/NDF : 7583.9/63

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: 0.129 $\pm$ 0.003 χ^2 /NDF:3814.9/14

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.070 $\pm$ 0.002 χ^2 /NDF:2210.7/12

Left: 0.095 $\pm$ 0.002 χ^2 /NDF: 6348.3/27

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.098 $\pm$ 0.002 χ^2 /NDF:3646.7/29

Out: 0.158 $\pm$ 0.002 χ^2 /NDF:5250.5/33

All: 0.125 $\pm$ 0.001 χ^2 /NDF: 9351.1/63