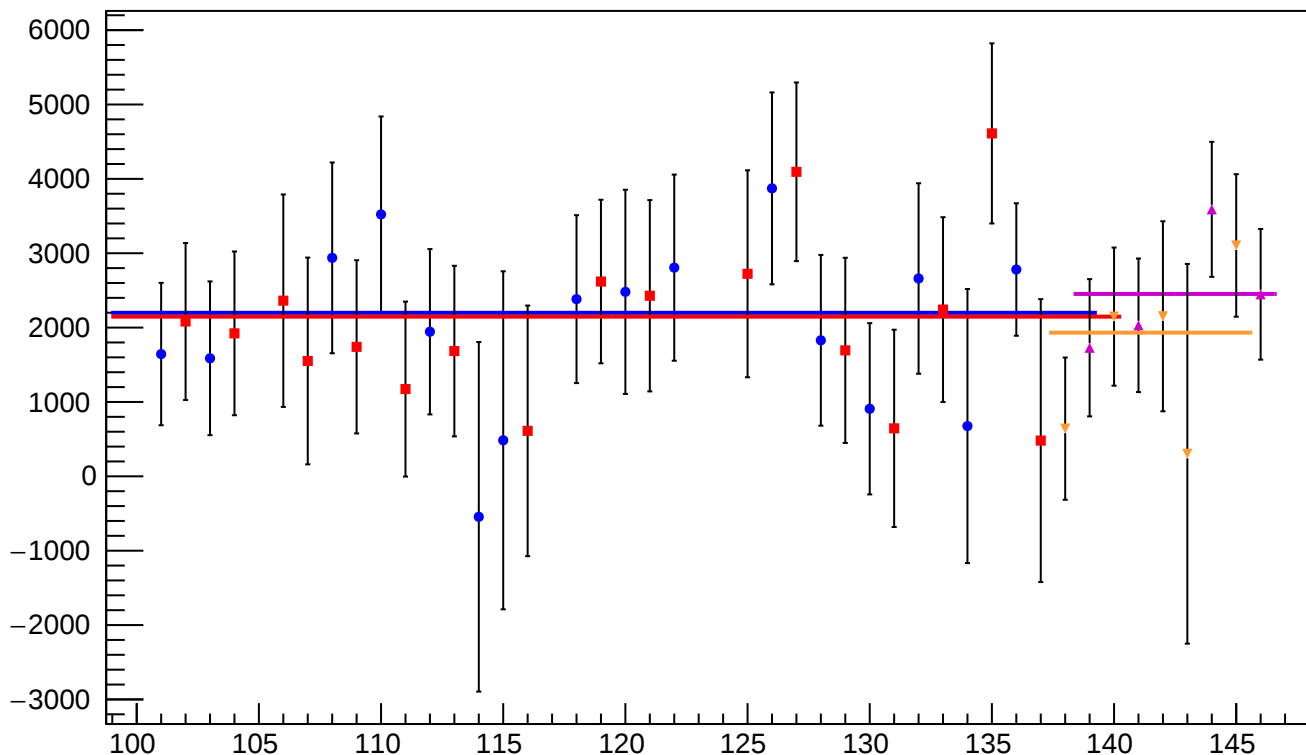


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1932.270+/-493.423

Right Out: 2147.149+/-304.804

Left In: 2452.726+/-450.656

χ^2/NDF : 8.6/15

χ^2/NDF : 3.8/4

χ^2/NDF : 11.4/16

χ^2/NDF : 2.4/3

Left: 2216.026+/-332.756

Right: 2172.848+/-216.219

In: 2279.259+/-253.590

Out: 2087.800+/-259.316

All: 2185.667+/-181.306

χ^2/NDF : 6.8/8

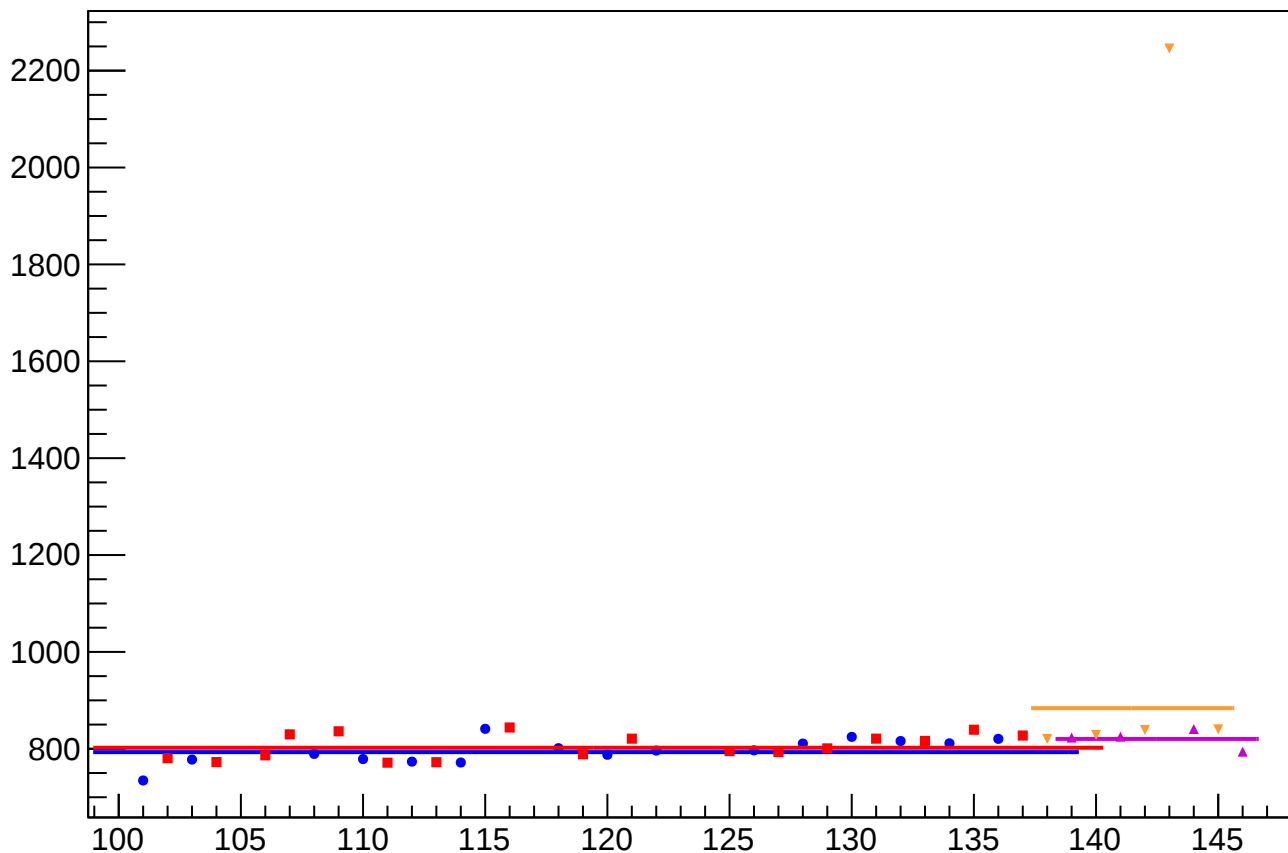
χ^2/NDF : 20.0/32

χ^2/NDF : 11.2/19

χ^2/NDF : 15.4/21

χ^2/NDF : 26.9/41

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 883.922 $\pm$ 0.349 χ^2 /NDF:591537.3/4

Right Out: 802.148 $\pm$ 0.216 χ^2 /NDF: 12723.5/16

Left In: 820.423 $\pm$ 0.319 χ^2 /NDF:2889.7/3

Left: 849.302 $\pm$ 0.235 χ^2 /NDF: 612485.8/8

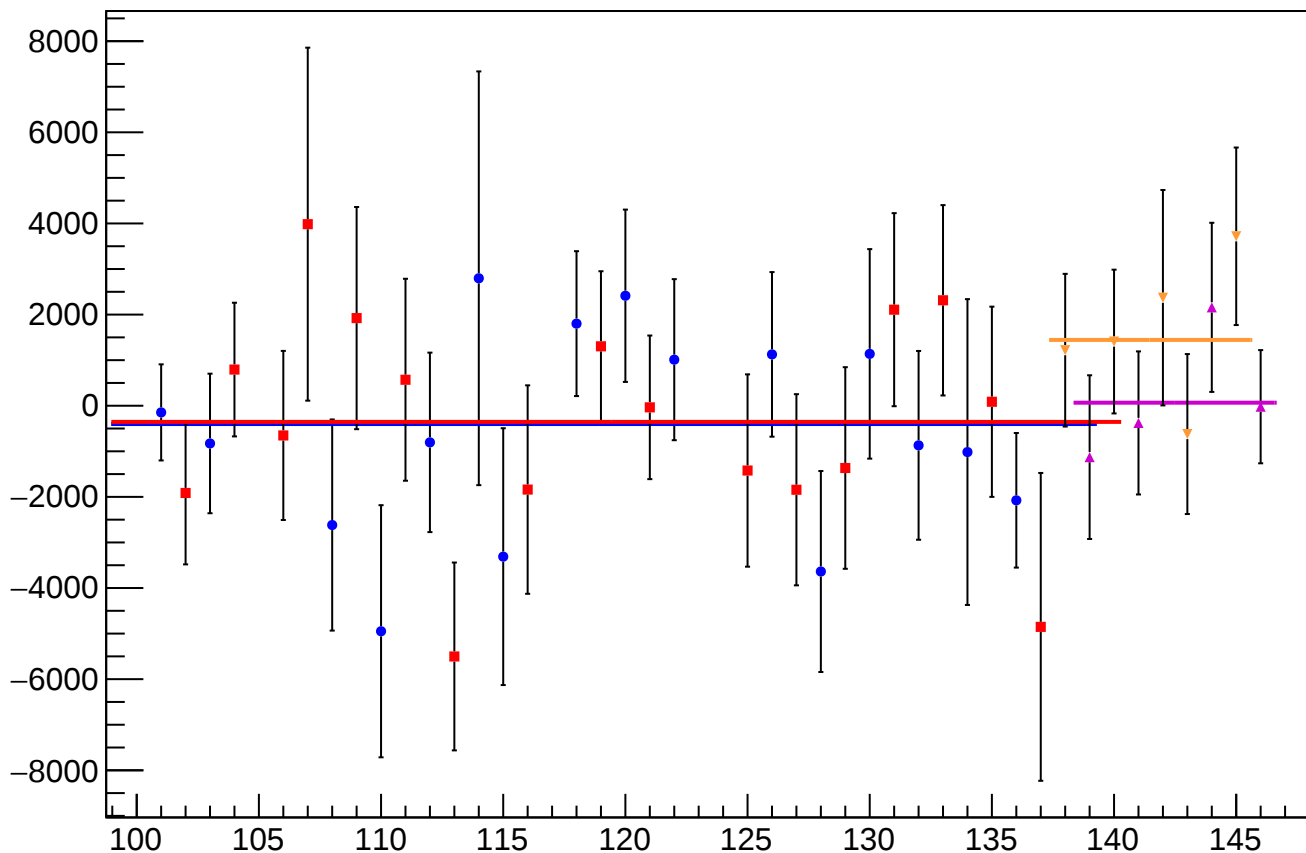
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 801.746 $\pm$ 0.179 χ^2 /NDF:22620.0/19

Out: 824.734 $\pm$ 0.183 χ^2 /NDF:644020.6/21

All: 812.983 $\pm$ 0.128 χ^2 /NDF: 674674.8/41

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1444.154+/-809.644 χ^2/NDF : 2.9/4

Right Out: -354.462+/-486.525 χ^2/NDF : 17.4/16

Left In: 66.804+/-777.479 χ^2/NDF : 1.8/3

Left: 727.576+/-560.787 χ^2/NDF : 6.2/8

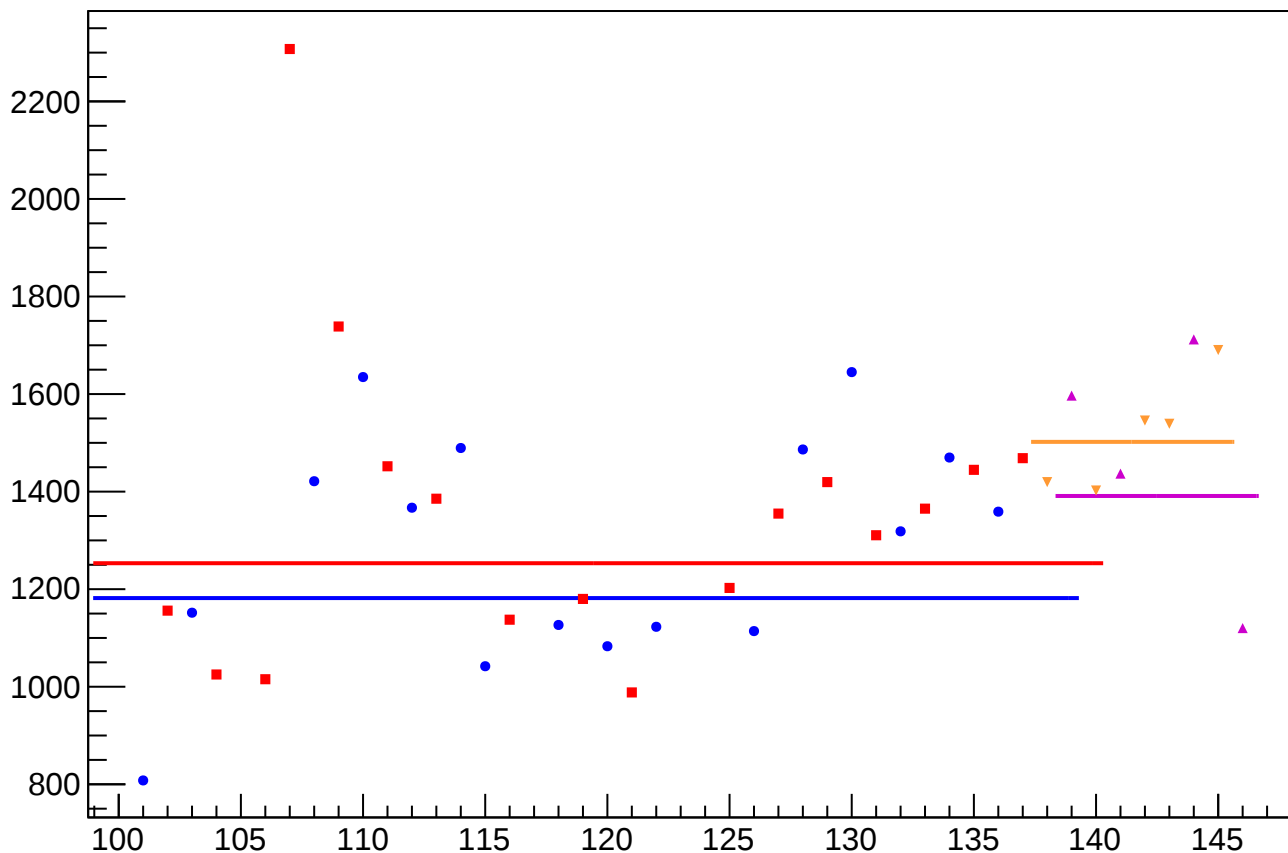
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -276.659+/-401.383 χ^2/NDF : 16.9/19

Out: 122.706+/-417.024 χ^2/NDF : 24.0/21

All: -84.606+/-289.192 χ^2/NDF : 41.3/41

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1502.014 $\pm$ 0.573 χ^2/NDF : 33109.9/4

Right Out: 1253.221 $\pm$ 0.344 χ^2/NDF : 455640.3/16

Left In: 1391.083 $\pm$ 0.550 χ^2/NDF : 182888.2/3

Left: 1444.301 $\pm$ 0.397 χ^2/NDF : 235530.8/8

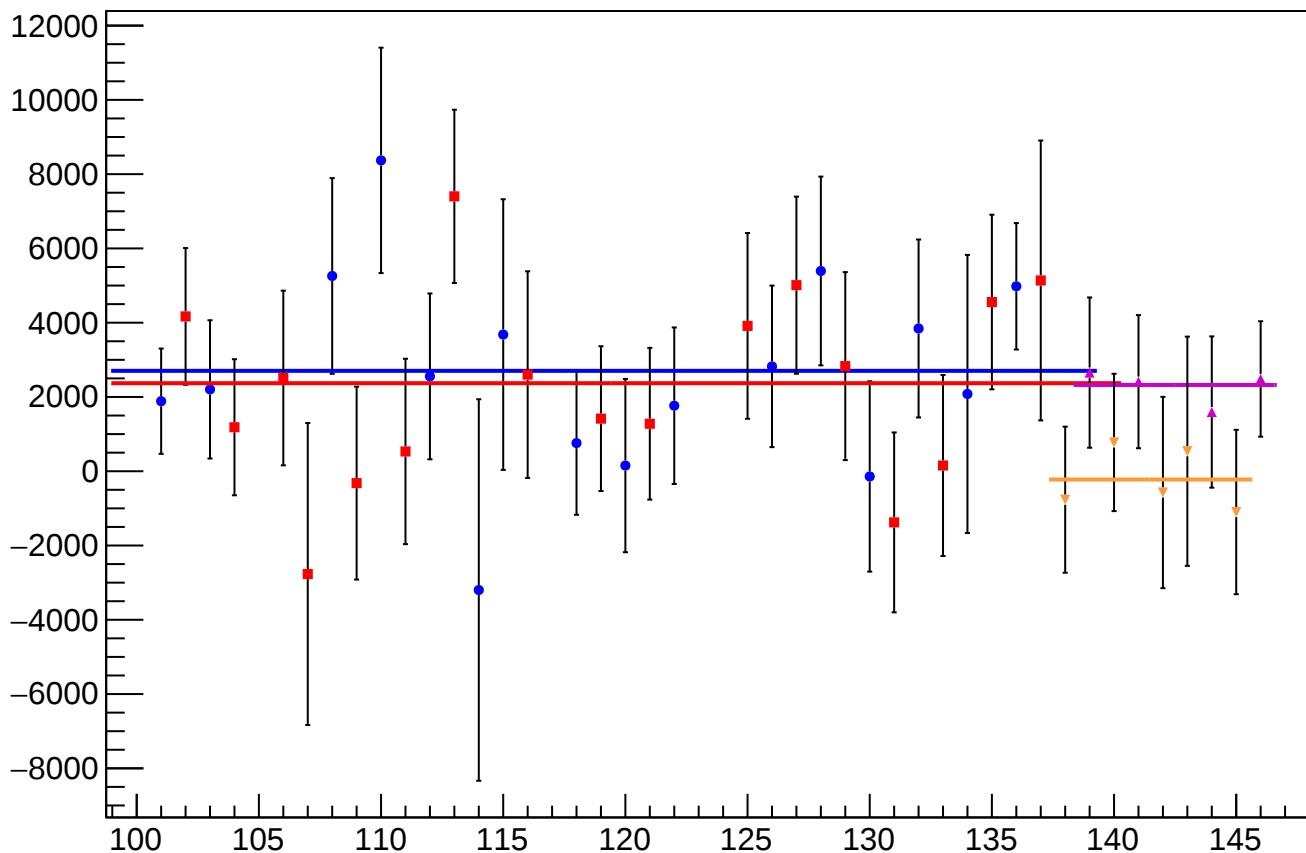
Right: 1216.159 $\pm$ 0.239 χ^2/NDF : 1021509.6/32

In: 1237.555 $\pm$ 0.284 χ^2/NDF : 832708.5/19

Out: 1319.225 $\pm$ 0.295 χ^2/NDF : 627498.6/21

All: 1276.830 $\pm$ 0.204 χ^2/NDF : 1500026.1/41

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -222.764 $\pm$ 994.580 χ^2 /NDF:0.6/4

Right Out: 2370.617 $\pm$ 573.481 χ^2 /NDF: 16.0/16

Left In: 2323.289 $\pm$ 908.917 χ^2 /NDF:0.2/3

Left: 1164.610 $\pm$ 670.946 χ^2 /NDF: 4.3/8

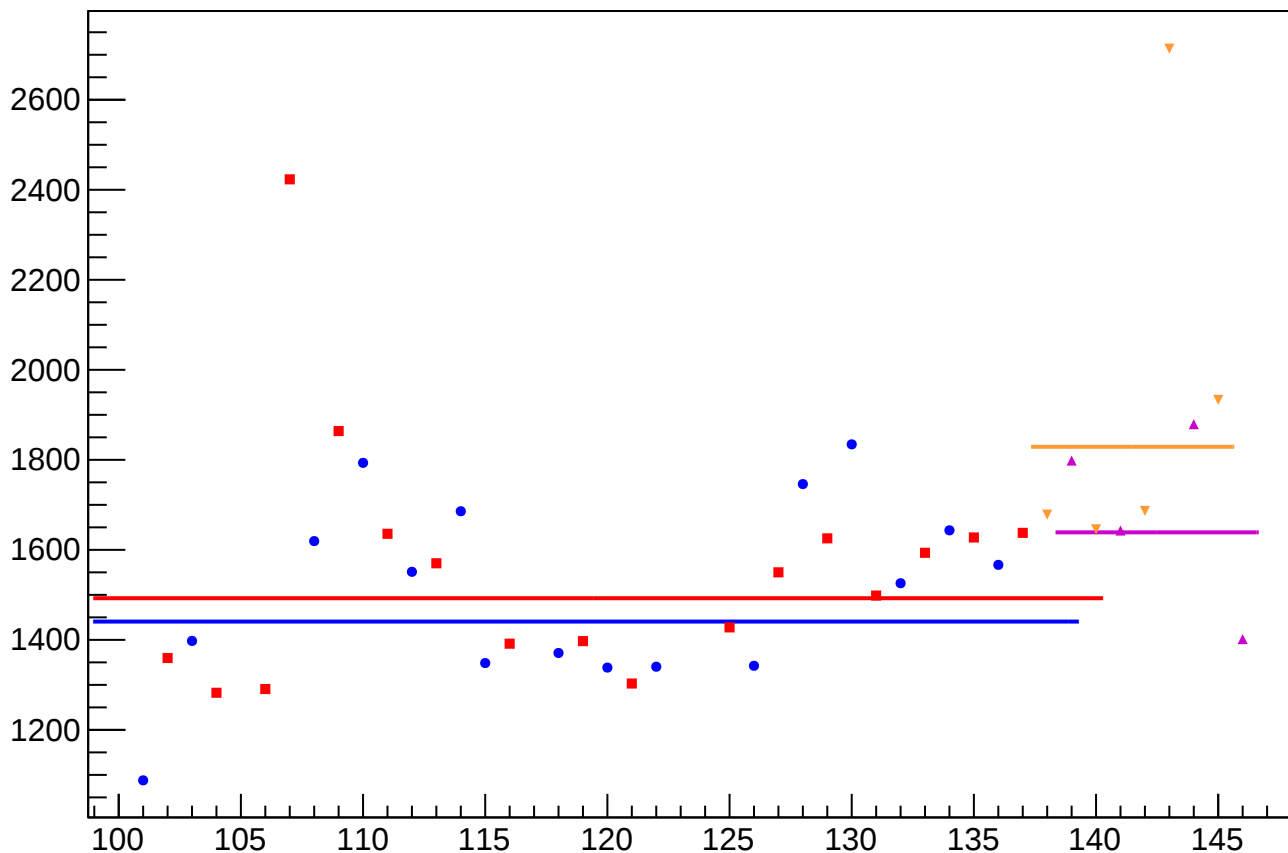
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2597.801 $\pm$ 479.544 χ^2 /NDF:13.3/19

Out: 1723.525 $\pm$ 496.809 χ^2 /NDF:21.7/21

All: 2176.118 $\pm$ 345.031 χ^2 /NDF: 36.7/41

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1829.048 $\pm$ 0.703 χ^2 /NDF:206308.7/4

Right Out: 1492.529 $\pm$ 0.406 χ^2 /NDF: 251506.2/16

Left In: 1638.873 $\pm$ 0.643 χ^2 /NDF:86875.2/3

Left: 1725.419 $\pm$ 0.474 χ^2 /NDF: 333030.0/8

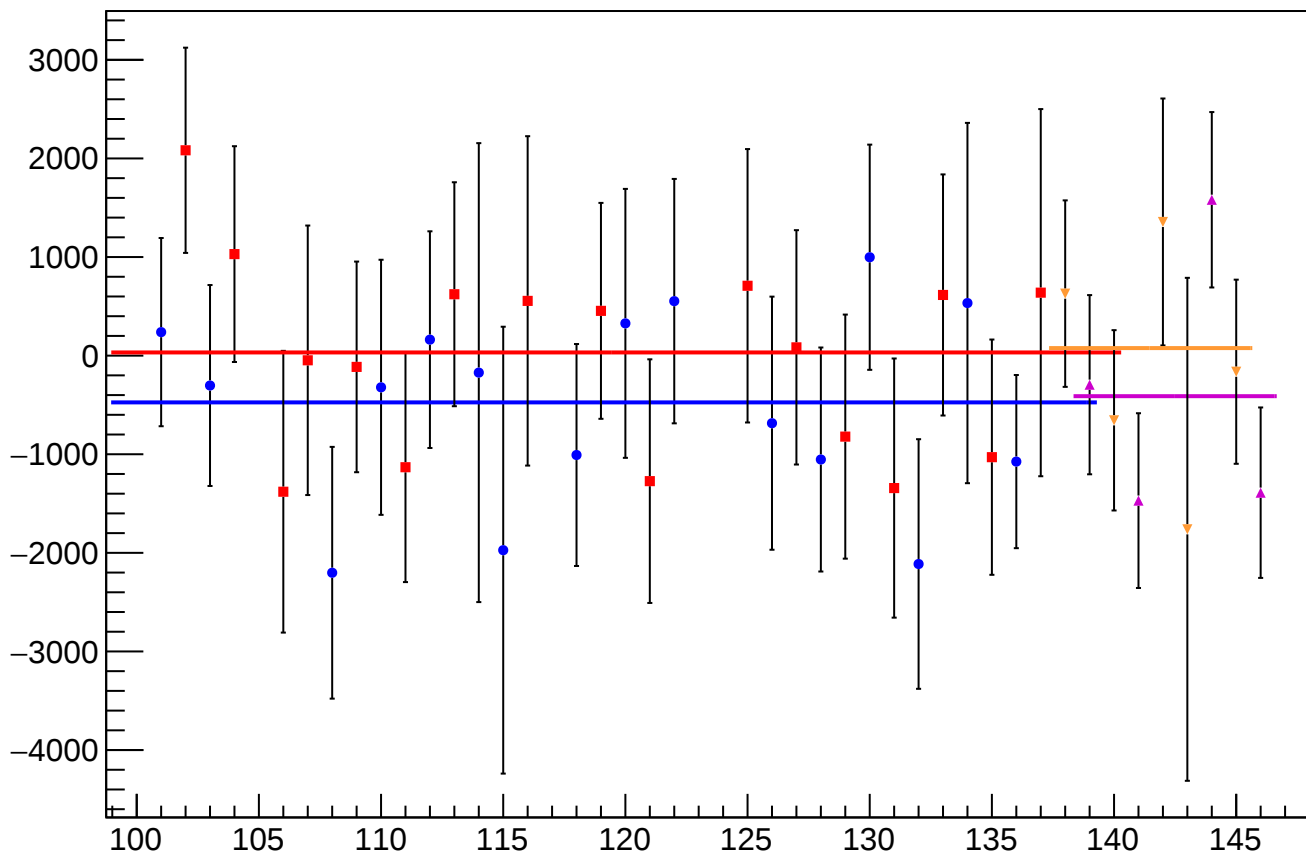
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1495.829 $\pm$ 0.339 χ^2 /NDF:437780.9/19

Out: 1576.497 $\pm$ 0.351 χ^2 /NDF:629649.2/21

All: 1534.737 $\pm$ 0.244 χ^2 /NDF: 1094726.4/41

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 76.605+/-484.913 χ^2/NDF : 2.6/4

Right Out: 32.454+/-299.611 χ^2/NDF : 11.3/16

Left In: -411.124+/-443.377 χ^2/NDF : 7.7/3

Left: -189.039+/-327.216 χ^2/NDF : 10.9/8

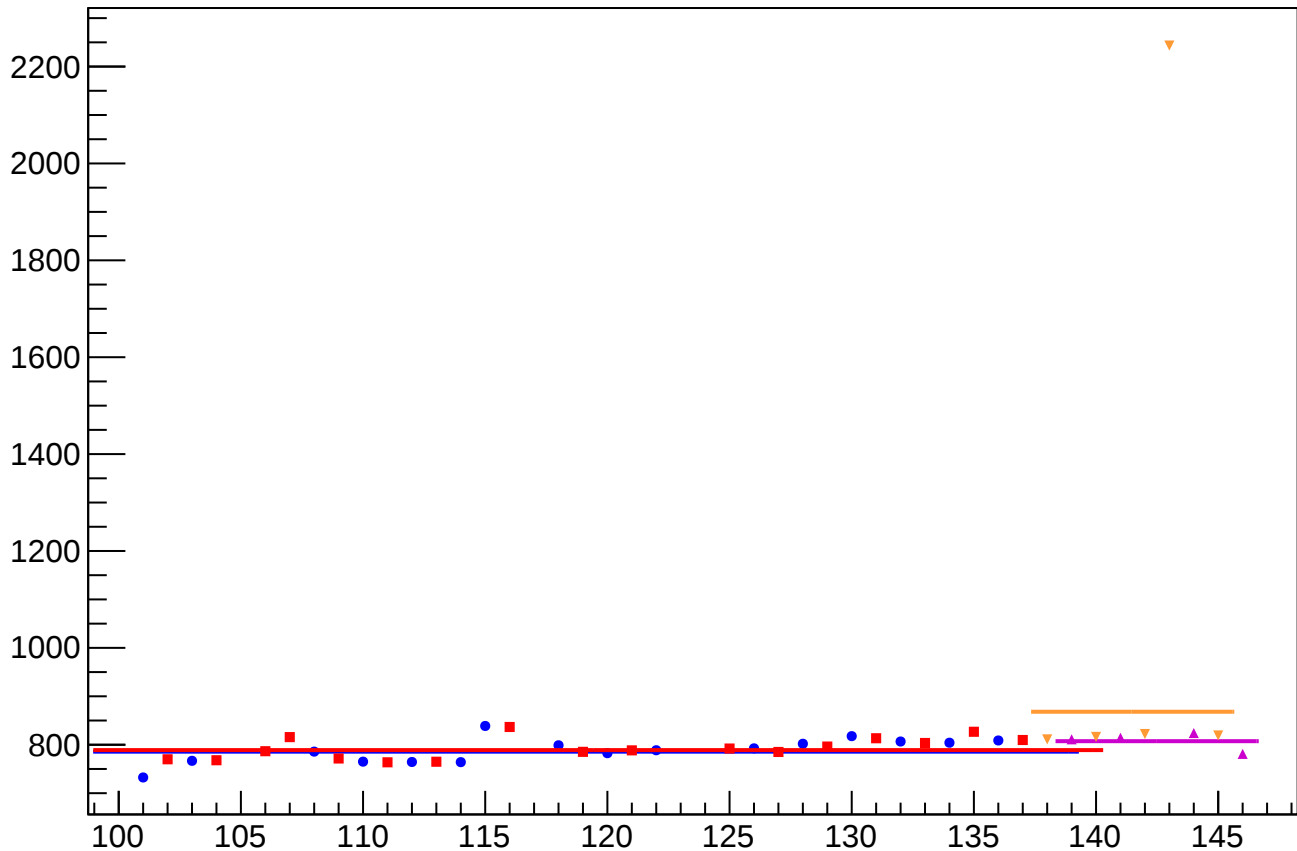
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -453.993+/-250.677 χ^2/NDF : 16.6/19

Out: 44.652+/-254.884 χ^2/NDF : 13.9/21

All: -208.819+/-178.724 χ^2/NDF : 32.5/41

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 868.127 $\pm$ 0.343 χ^2 /NDF:603421.9/4

Right Out: 788.940 $\pm$ 0.212 χ^2 /NDF: 9525.0/16

Left In: 807.346 $\pm$ 0.314 χ^2 /NDF:2713.3/3

Left: 835.022 $\pm$ 0.231 χ^2 /NDF: 623249.4/8

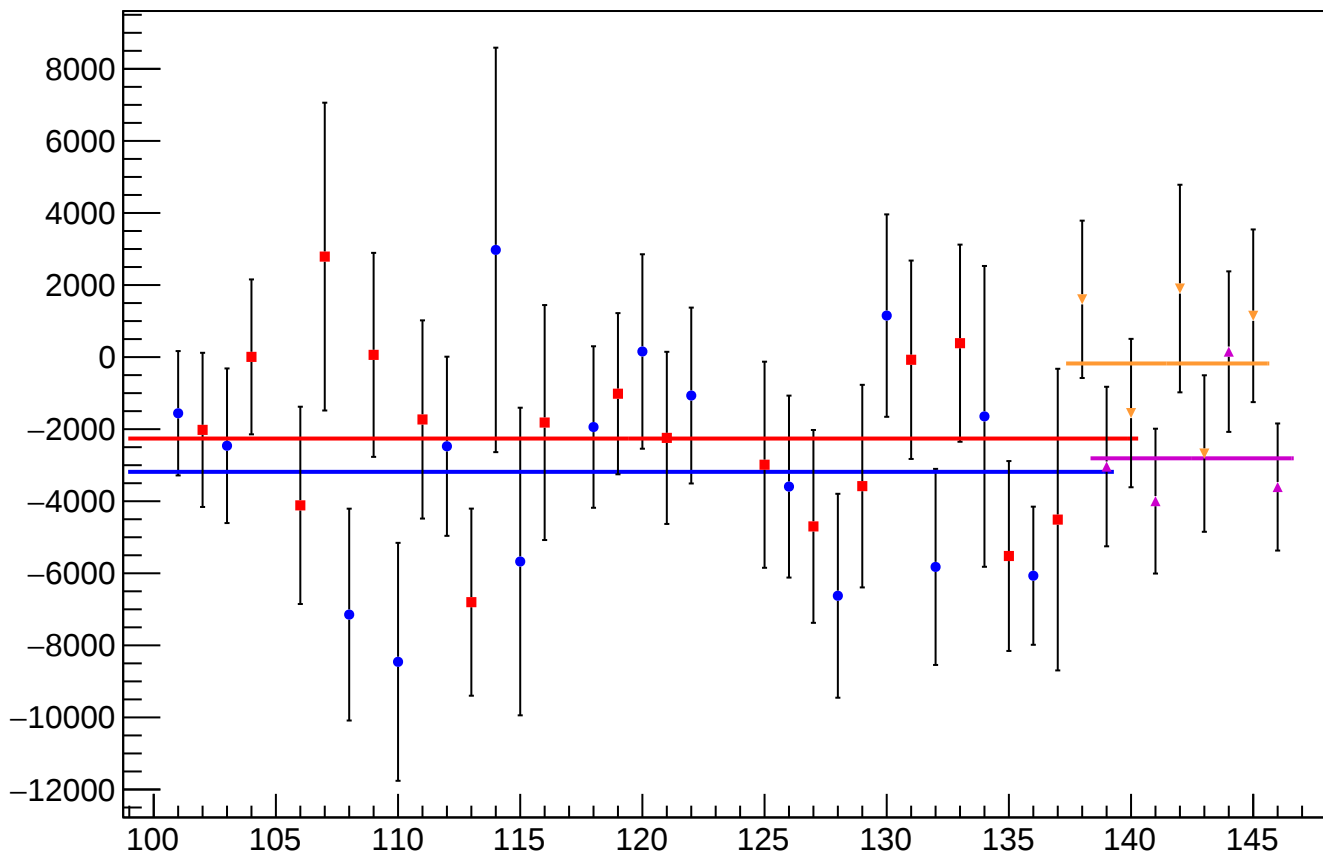
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 792.650 $\pm$ 0.177 χ^2 /NDF:19864.2/19

Out: 810.818 $\pm$ 0.180 χ^2 /NDF:651545.5/21

All: 801.583 $\pm$ 0.126 χ^2 /NDF: 676575.0/41

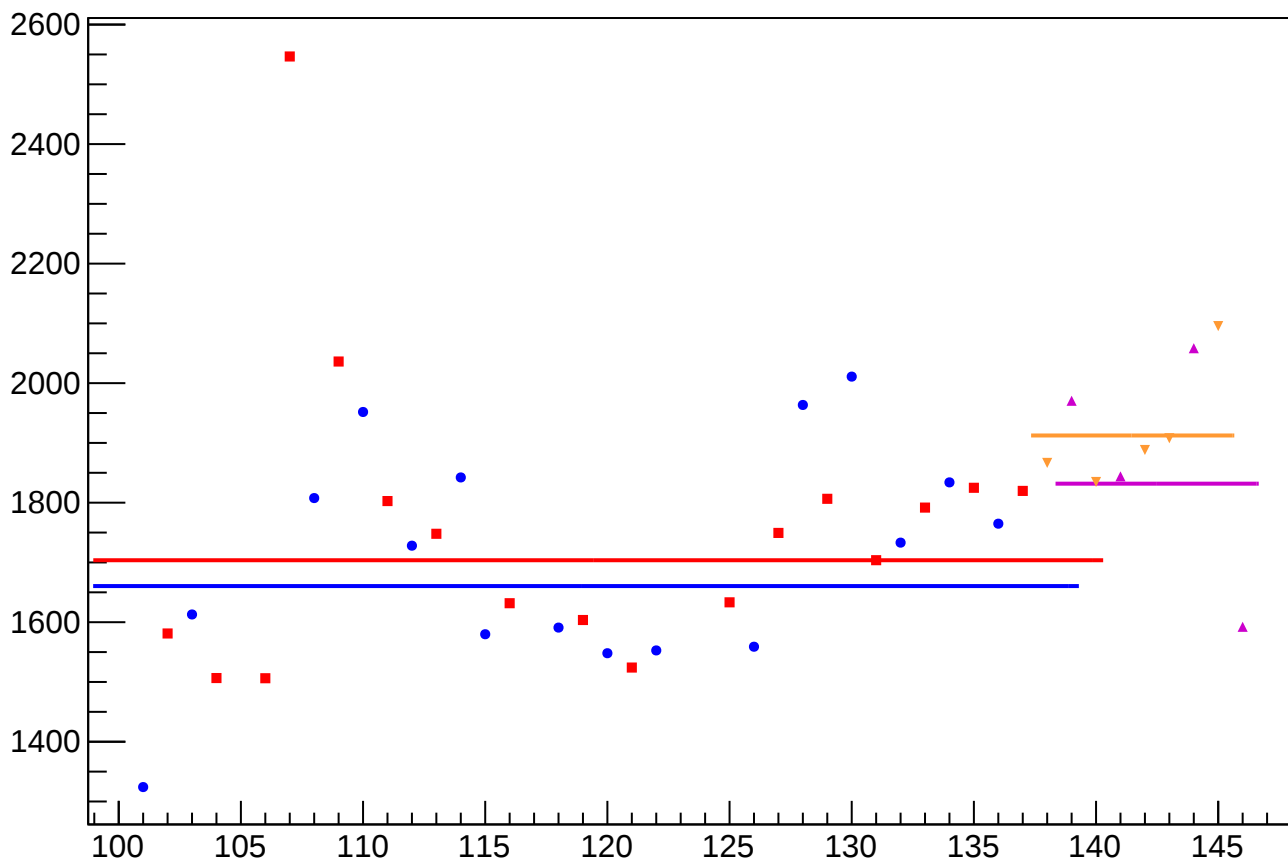
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -176.775 $\pm$ 1024.802 χ^2 /NDF:3.3/4
 Right Out: -2260.241 $\pm$ 651.957 χ^2 /NDF: 11.6/16
 Left In: -2809.162 $\pm$ 1012.957 χ^2 /NDF:2.3/3

Left: -1508.269 $\pm$ 720.420 χ^2 /NDF: 8.9/8
 Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32
 In: -3075.673 $\pm$ 545.481 χ^2 /NDF:19.2/19
 Out: -1659.961 $\pm$ 550.077 χ^2 /NDF:17.8/21
 All: -2373.756 $\pm$ 387.328 χ^2 /NDF: 40.4/41

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1912.432+/-0.725 χ^2/NDF : 15556.3/4

Right Out: 1703.679+/-0.461 χ^2/NDF : 171025.5/16

Left In: 1831.806+/-0.716 χ^2/NDF : 65503.1/3

Left: 1871.650+/-0.509 χ^2/NDF : 87321.1/8

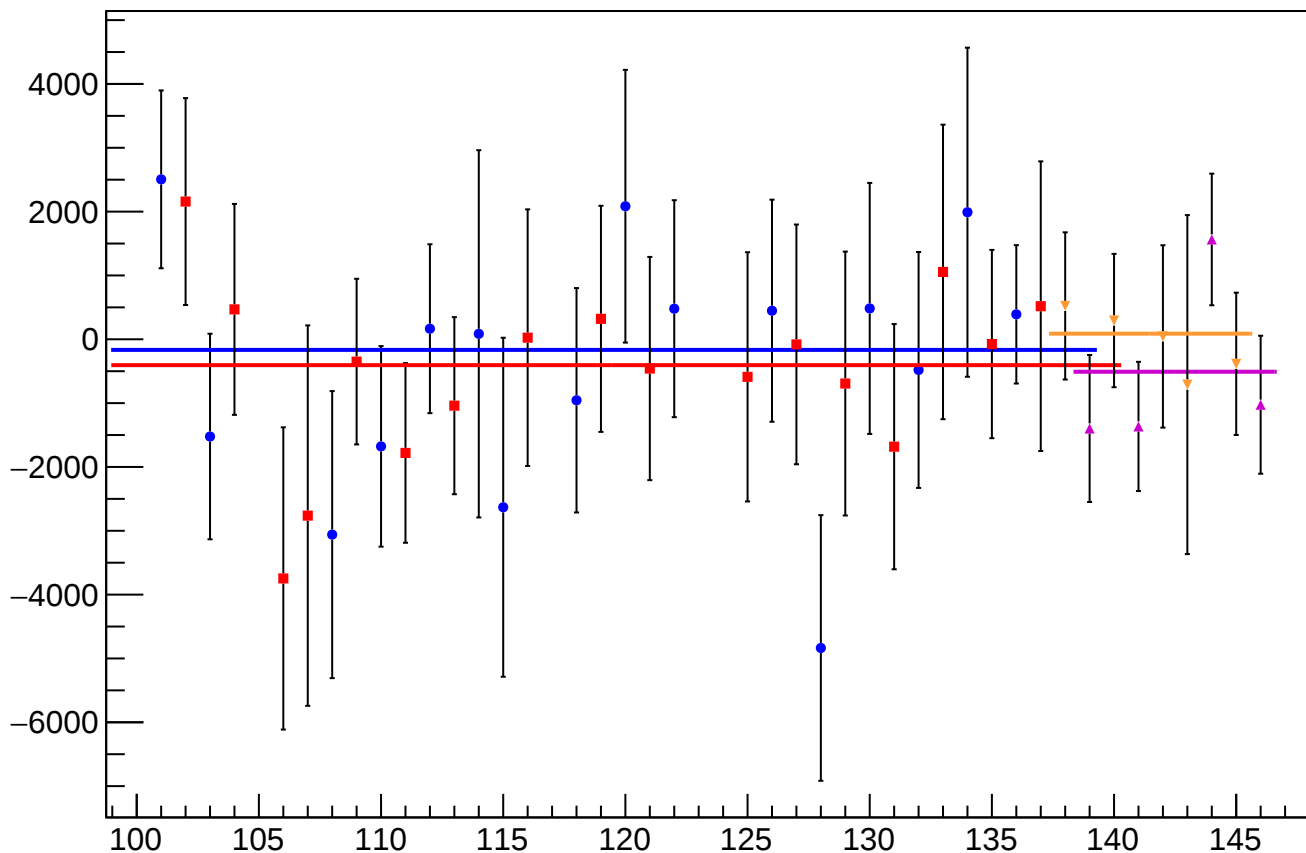
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

In: 1710.149+/-0.386 χ^2/NDF : 285339.7/19

Out: 1763.824+/-0.389 χ^2/NDF : 245659.2/21

All: 1736.762+/-0.274 χ^2/NDF : 540600.1/41

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 88.095 ± 567.501 χ^2/NDF : 0.5/4

Right Out: -405.286 ± 428.618 χ^2/NDF : 7.9/16

Left In: -508.287 ± 532.453 χ^2/NDF : 5.6/3

Left: -229.080 ± 388.301 χ^2/NDF : 6.6/8

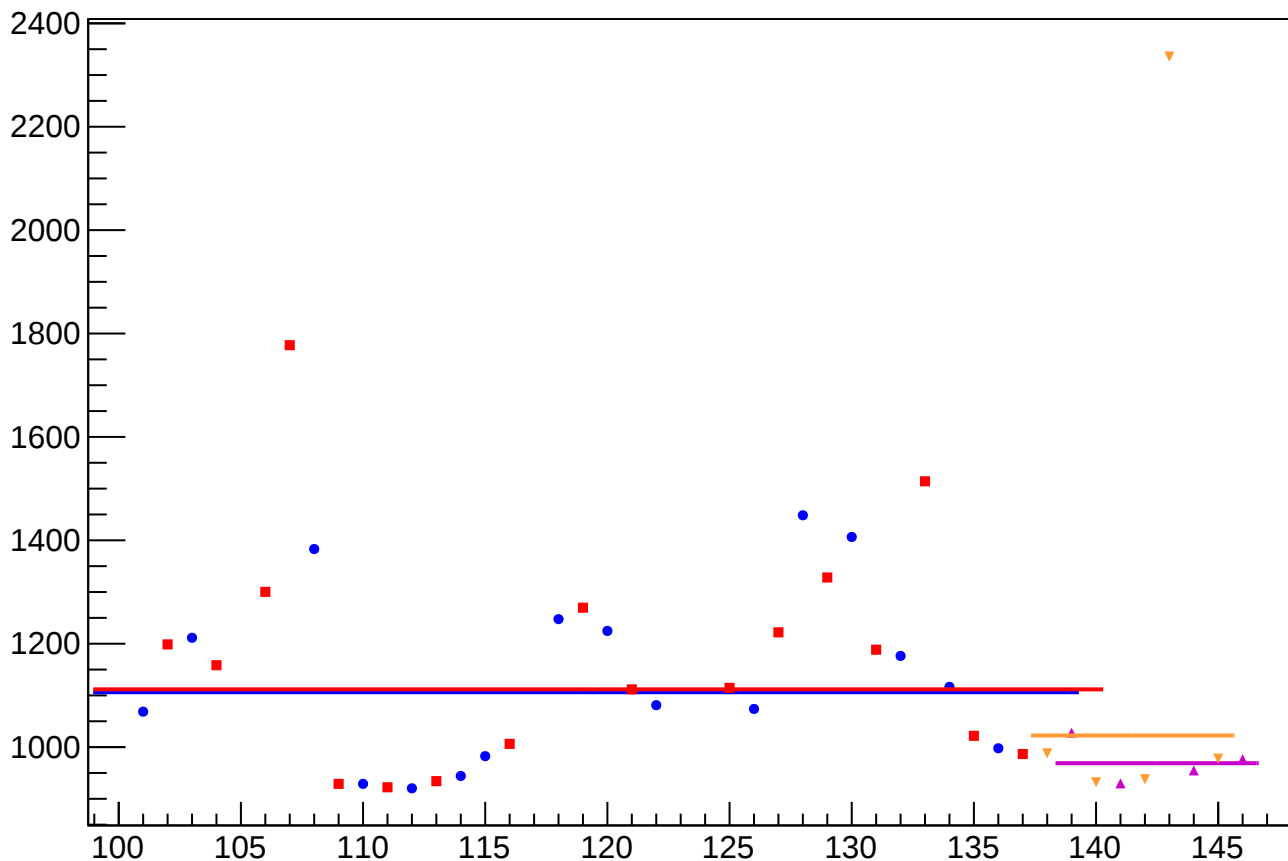
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

In: -302.349 ± 335.790 χ^2/NDF : 21.5/19

Out: -226.073 ± 342.027 χ^2/NDF : 8.8/21

All: -264.913 ± 239.614 χ^2/NDF : 30.3/41

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1022.464+/-0.401 χ^2/NDF : 516101.2/4

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

Left In: 968.914+/-0.377 χ^2/NDF : 8699.1/3

Left: 993.985+/-0.275 χ^2/NDF : 534271.3/8

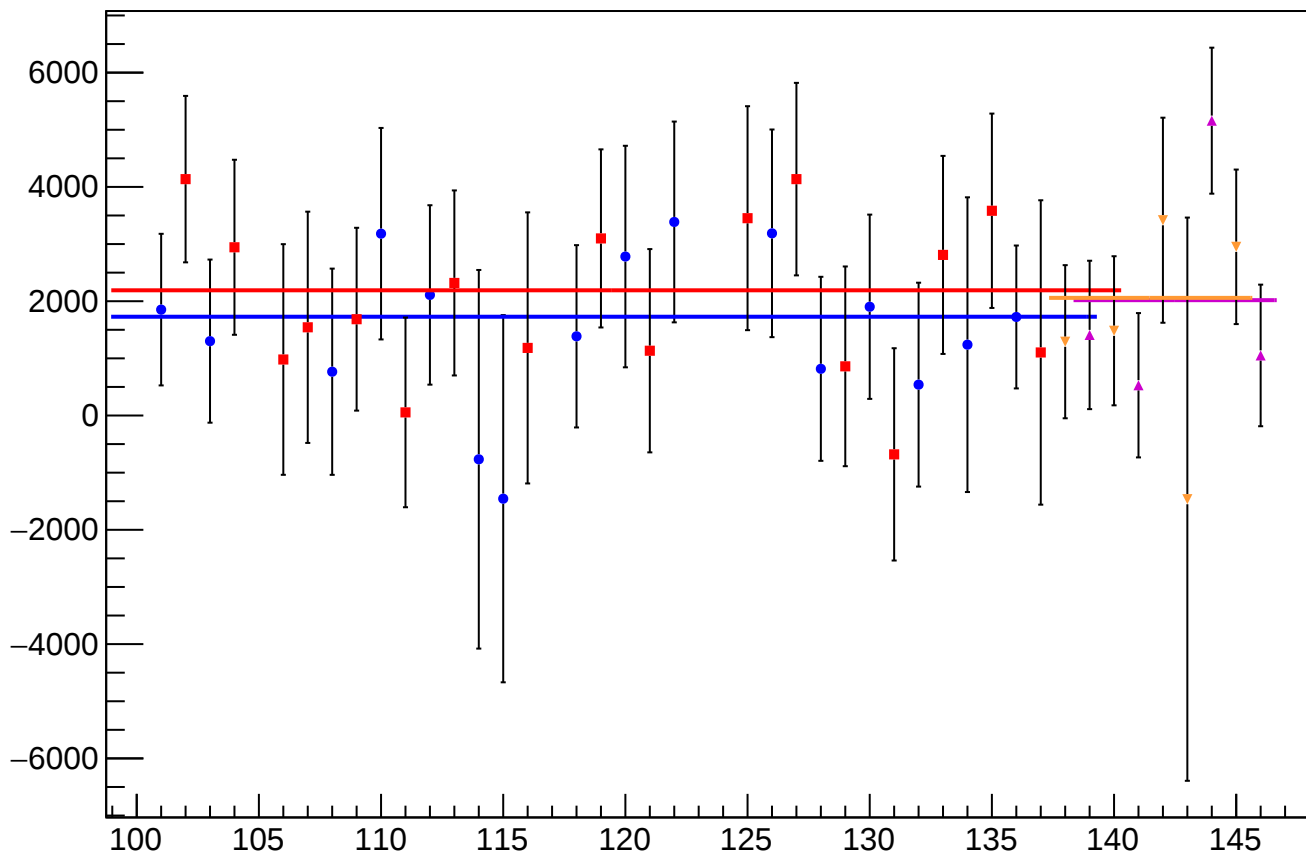
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1051.574+/-0.237 χ^2/NDF : 348648.6/19

Out: 1079.303+/-0.242 χ^2/NDF : 903996.6/21

All: 1065.184+/-0.169 χ^2/NDF : 1259338.8/41

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2058.419 $\pm$ 699.513 χ^2 /NDF:2.0/4

Right Out: 2190.971 $\pm$ 427.222 χ^2 /NDF: 10.8/16

Left In: 2018.310 $\pm$ 634.403 χ^2 /NDF:8.3/3

Left: 2036.411 $\pm$ 469.927 χ^2 /NDF: 10.3/8

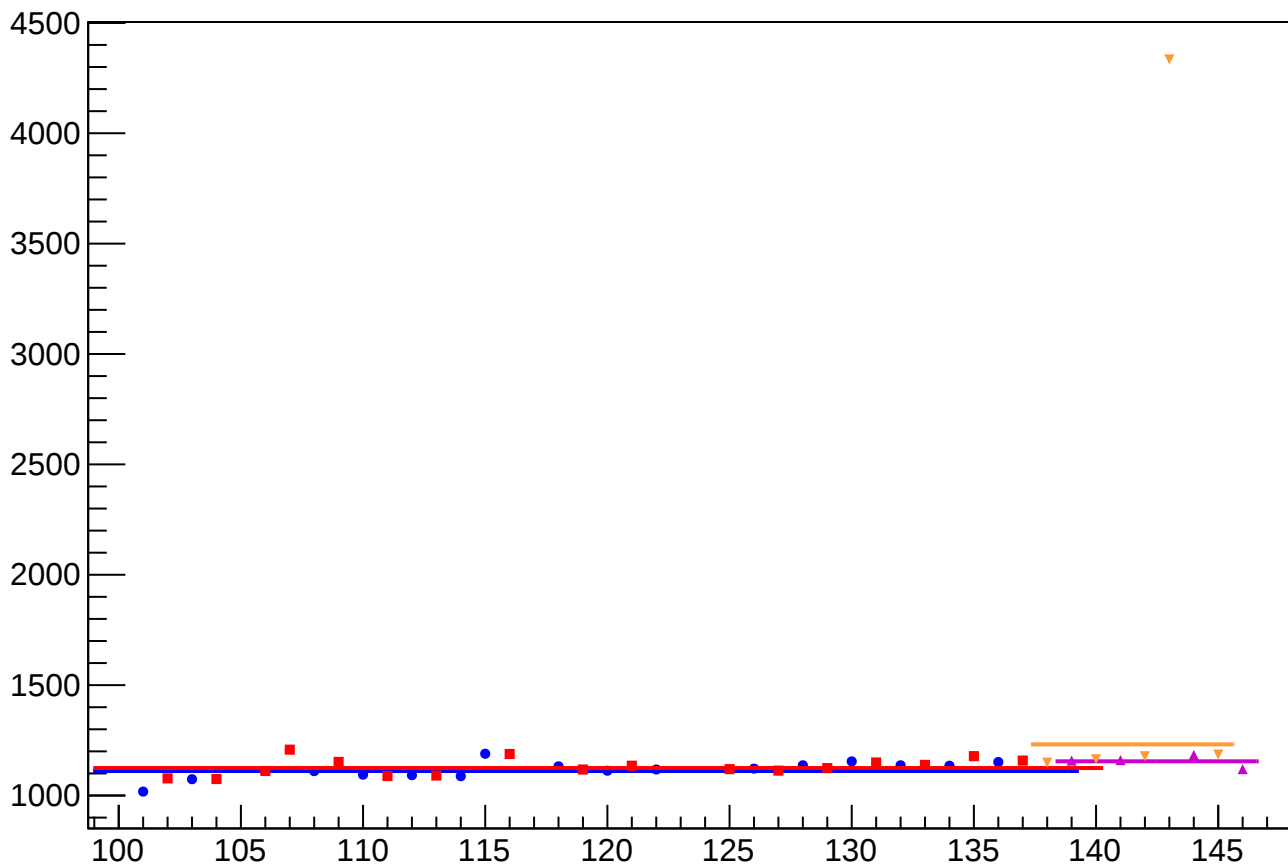
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

In: 1819.648 $\pm$ 355.830 χ^2 /NDF:13.7/19

Out: 2154.960 $\pm$ 364.600 χ^2 /NDF:12.9/21

All: 1983.223 $\pm$ 254.654 χ^2 /NDF: 27.0/41

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1231.815+/-0.495 χ^2/NDF : 809916.5/4

Right Out: 1124.514+/-0.302 χ^2/NDF : 14600.7/16

Left In: 1154.986+/-0.449 χ^2/NDF : 2685.1/3

Left: 1189.659+/-0.332 χ^2/NDF : 825839.5/8

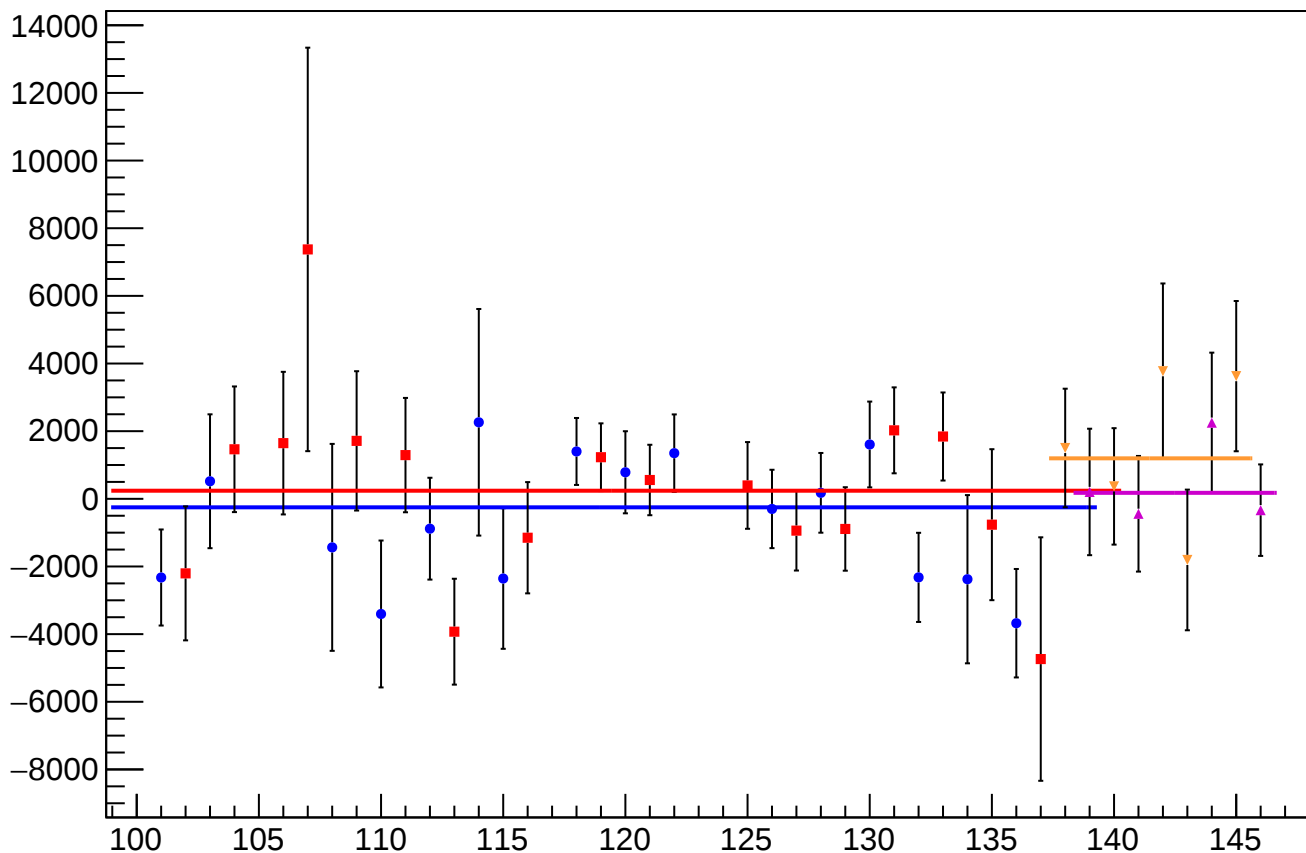
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1124.867+/-0.252 χ^2/NDF : 27353.4/19

Out: 1153.665+/-0.258 χ^2/NDF : 858791.7/21

All: 1138.915+/-0.180 χ^2/NDF : 892535.5/41

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 1197.018 $\pm$ 896.006 χ^2/NDF : 4.5/4

Right Out: 239.863 $\pm$ 363.842 χ^2/NDF : 21.1/16

Left In: 177.055 $\pm$ 842.660 χ^2/NDF : 1.3/3

Left: 655.771 $\pm$ 613.844 χ^2/NDF : 6.5/8

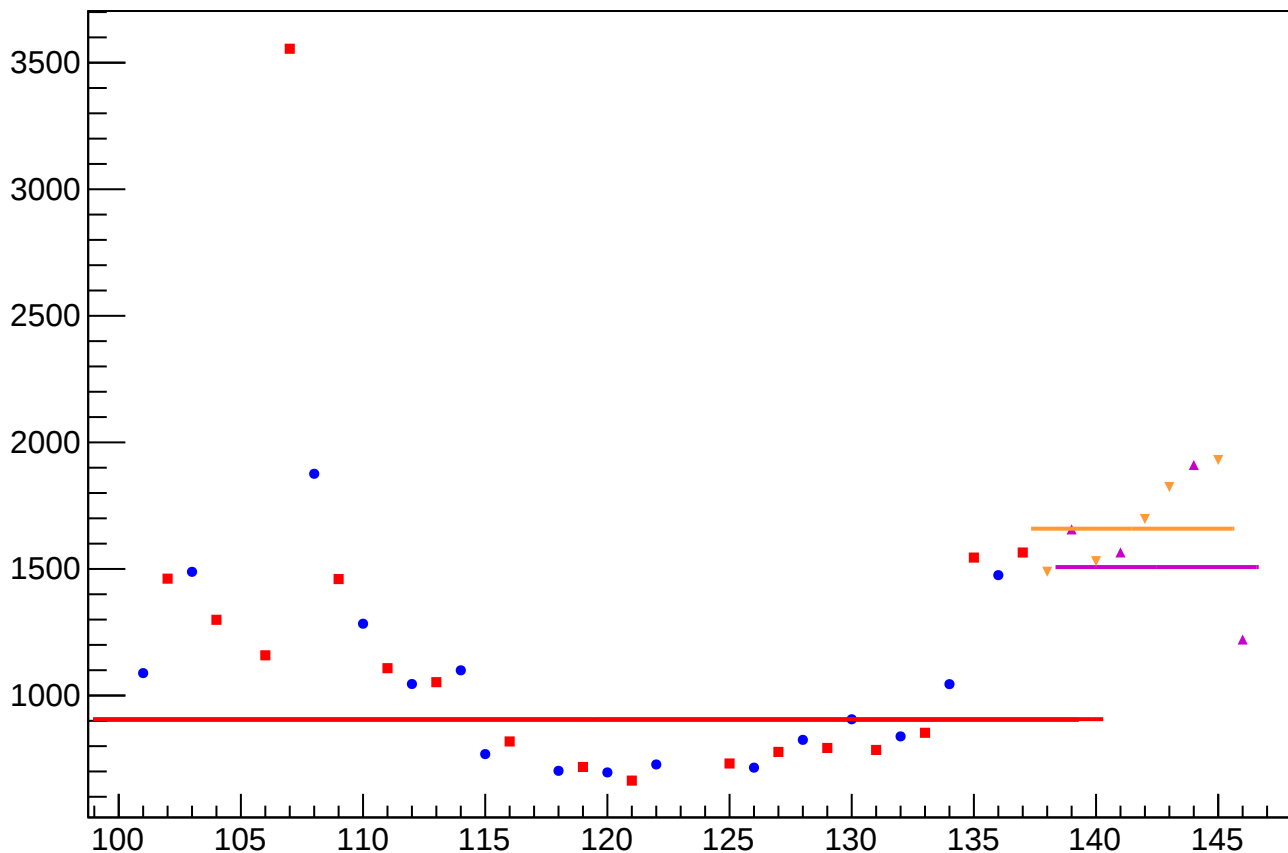
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -183.666 $\pm$ 334.892 χ^2/NDF : 23.3/19

Out: 375.350 $\pm$ 337.108 χ^2/NDF : 26.6/21

All: 93.998 $\pm$ 237.584 χ^2/NDF : 51.3/41

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1659.130+/-0.634 χ^2/NDF : 72801.8/4

Right Out: 906.594+/-0.257 χ^2/NDF : 1376076.4/16

Left In: 1507.513+/-0.596 χ^2/NDF : 180402.1/3

Left: 1578.674+/-0.434 χ^2/NDF : 283592.7/8

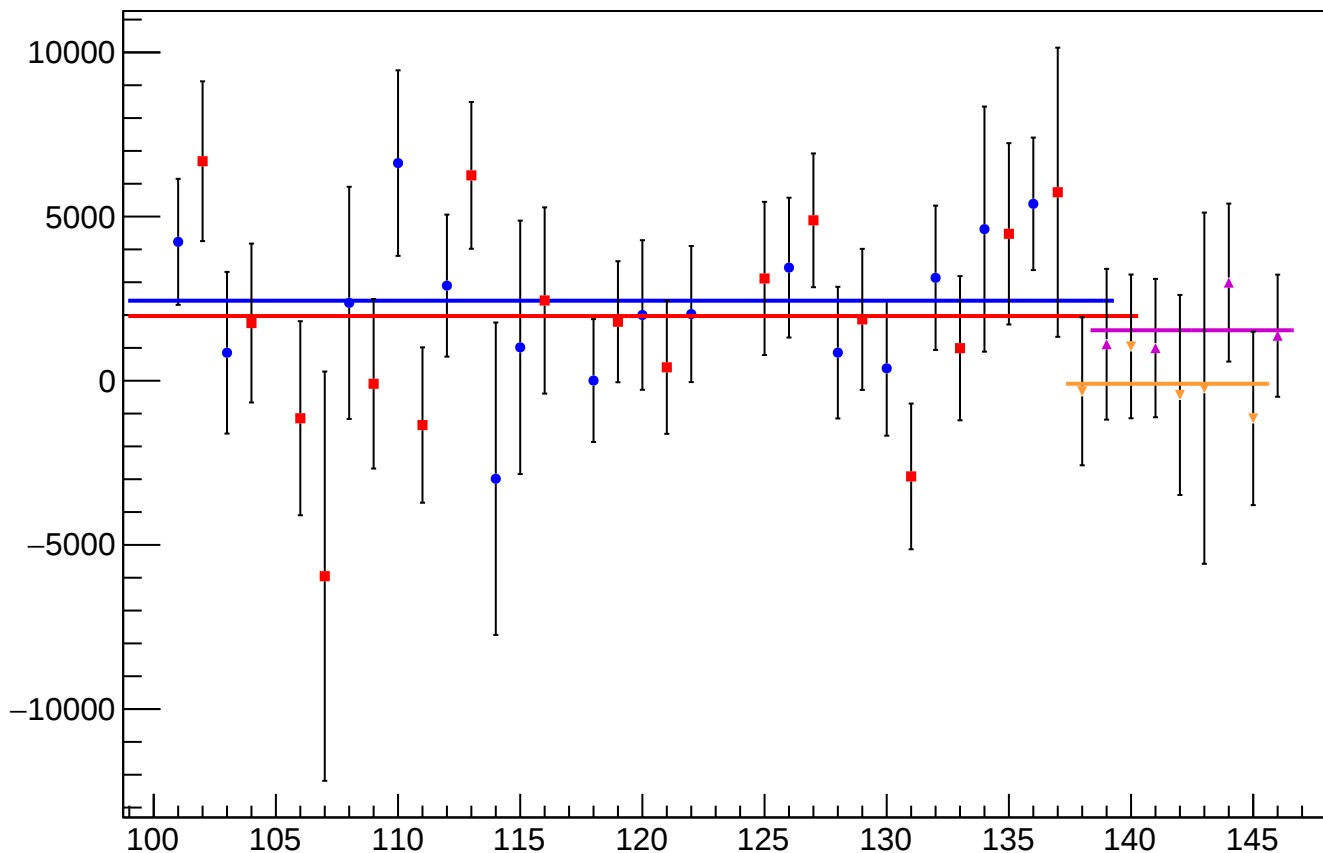
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 999.733+/-0.237 χ^2/NDF : 2063952.1/19

Out: 1013.117+/-0.238 χ^2/NDF : 2659967.5/21

All: 1006.381+/-0.168 χ^2/NDF : 4725506.3/41

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: -92.785+/-1202.256 χ^2/NDF : 0.5/4

Right Out: 1970.445+/-586.663 χ^2/NDF : 22.3/16

Left In: 1536.980+/-1068.175 χ^2/NDF : 0.5/3

Left: 818.009+/-798.528 χ^2/NDF : 2.0/8

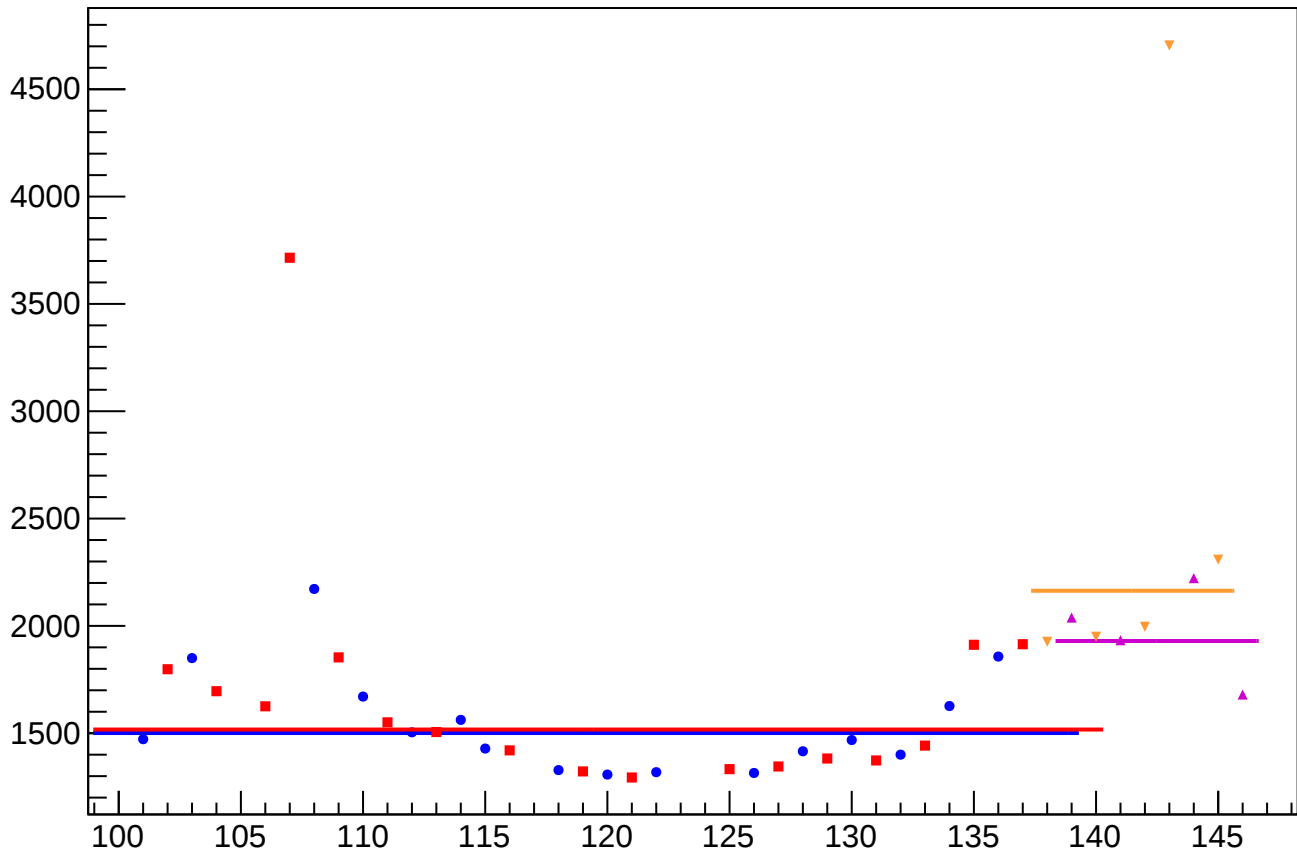
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 2229.057+/-513.922 χ^2/NDF : 12.2/19

Out: 1573.645+/-527.240 χ^2/NDF : 25.1/21

All: 1909.734+/-368.016 χ^2/NDF : 38.1/41

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 2163.634+/-0.850 χ^2/NDF : 504679.6/4

Right Out: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 1929.580+/-0.755 χ^2/NDF : 70080.9/3

Left: 2032.833+/-0.565 χ^2/NDF : 617121.0/8

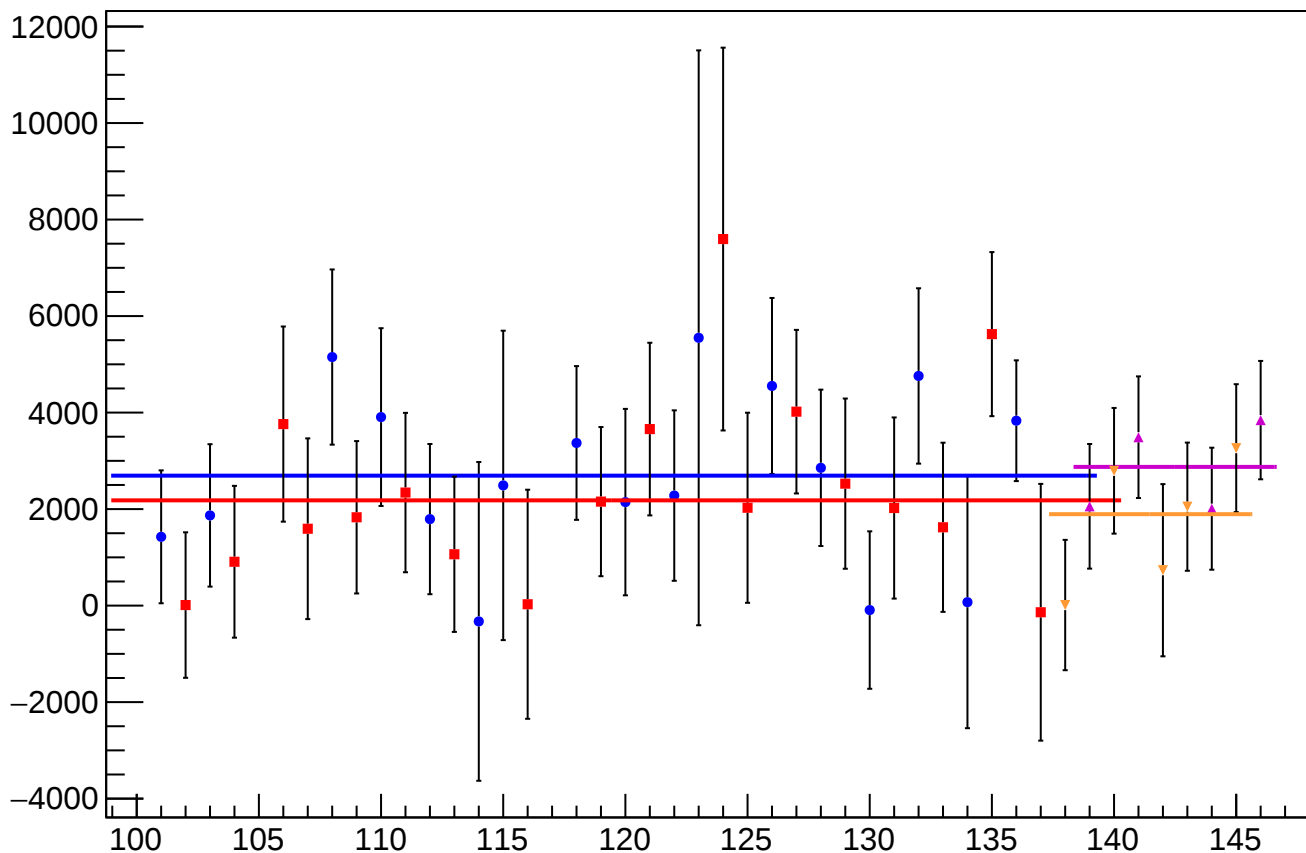
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1600.076+/-0.363 χ^2/NDF : 573943.0/19

Out: 1641.457+/-0.373 χ^2/NDF : 1446849.0/21

All: 1620.237+/-0.260 χ^2/NDF : 2027109.7/41

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1894.664 $\pm$ 621.582 χ^2 /NDF:3.9/4

Right Out: 2180.980 $\pm$ 425.451 χ^2 /NDF: 13.5/17

Left In: 2874.506 $\pm$ 629.999 χ^2 /NDF:1.7/3

Left: 2377.996 $\pm$ 442.471 χ^2 /NDF: 6.9/8

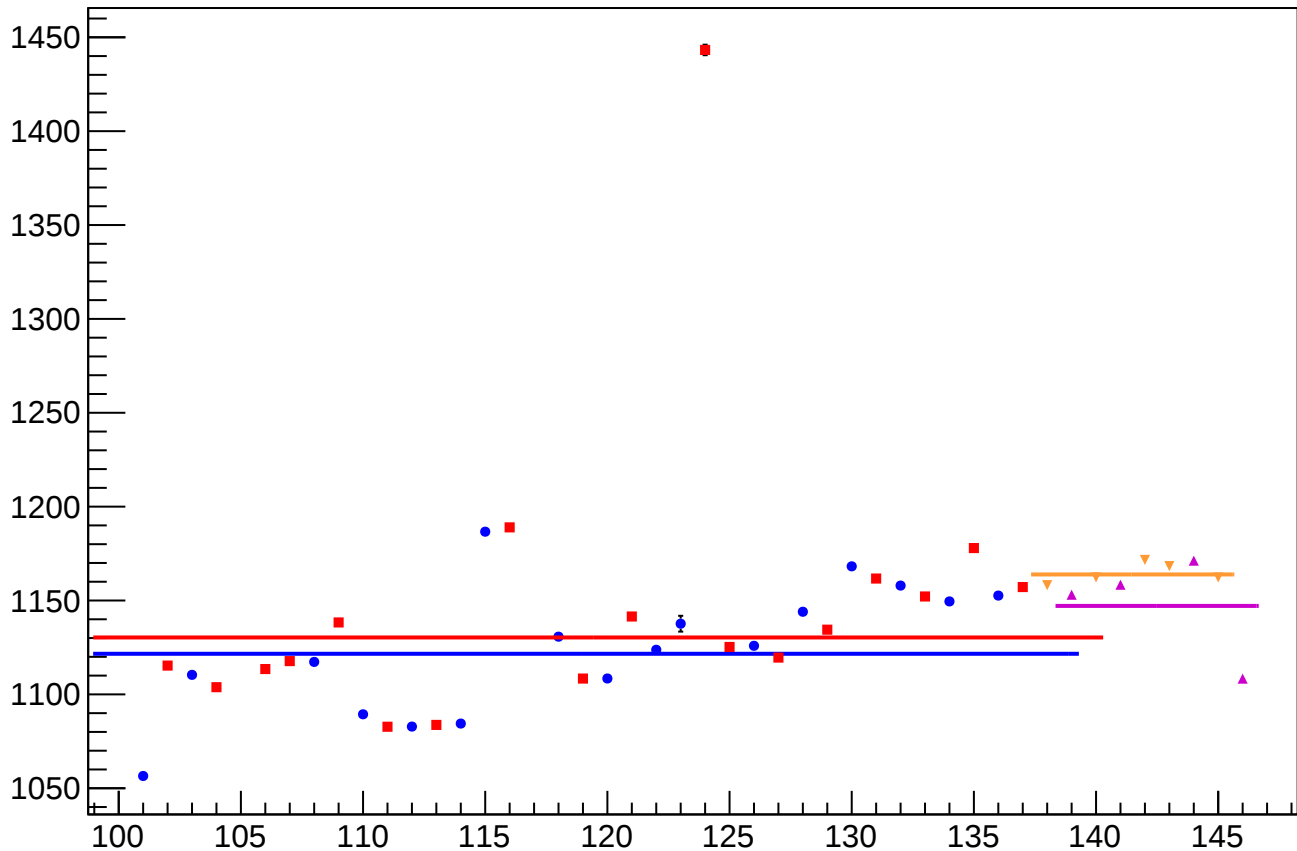
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2751.161 $\pm$ 356.628 χ^2 /NDF:14.0/20

Out: 2089.637 $\pm$ 351.086 χ^2 /NDF:17.6/22

All: 2415.219 $\pm$ 250.192 χ^2 /NDF: 33.4/43

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1163.881 $\pm$ 0.440 χ^2/NDF :101.8/4

Right Out: 1130.316 $\pm$ 0.301 χ^2/NDF : 21276.1/17

Left In: 1147.127 $\pm$ 0.445 χ^2/NDF :2925.1/3

Left: 1155.617 $\pm$ 0.313 χ^2/NDF : 3743.6/8

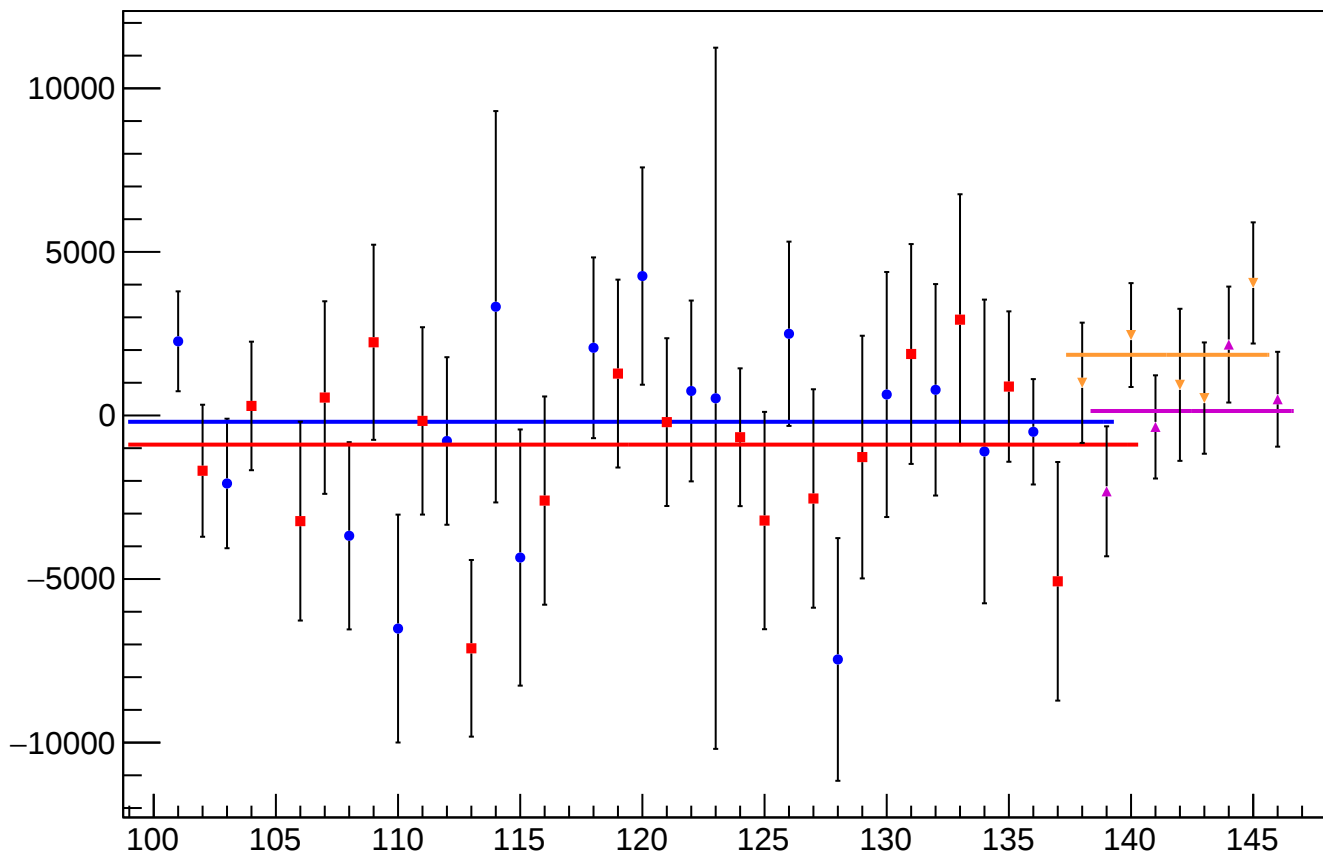
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

In: 1129.798 $\pm$ 0.252 χ^2/NDF :17132.1/20

Out: 1141.024 $\pm$ 0.248 χ^2/NDF :25349.1/22

All: 1135.499 $\pm$ 0.177 χ^2/NDF : 43487.7/43

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1854.269+/-812.490 χ^2/NDF : 2.5/4

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

Left In: 136.710+/-830.627 χ^2/NDF : 3.0/3

Left: 1014.446+/-580.823 χ^2/NDF : 7.7/8

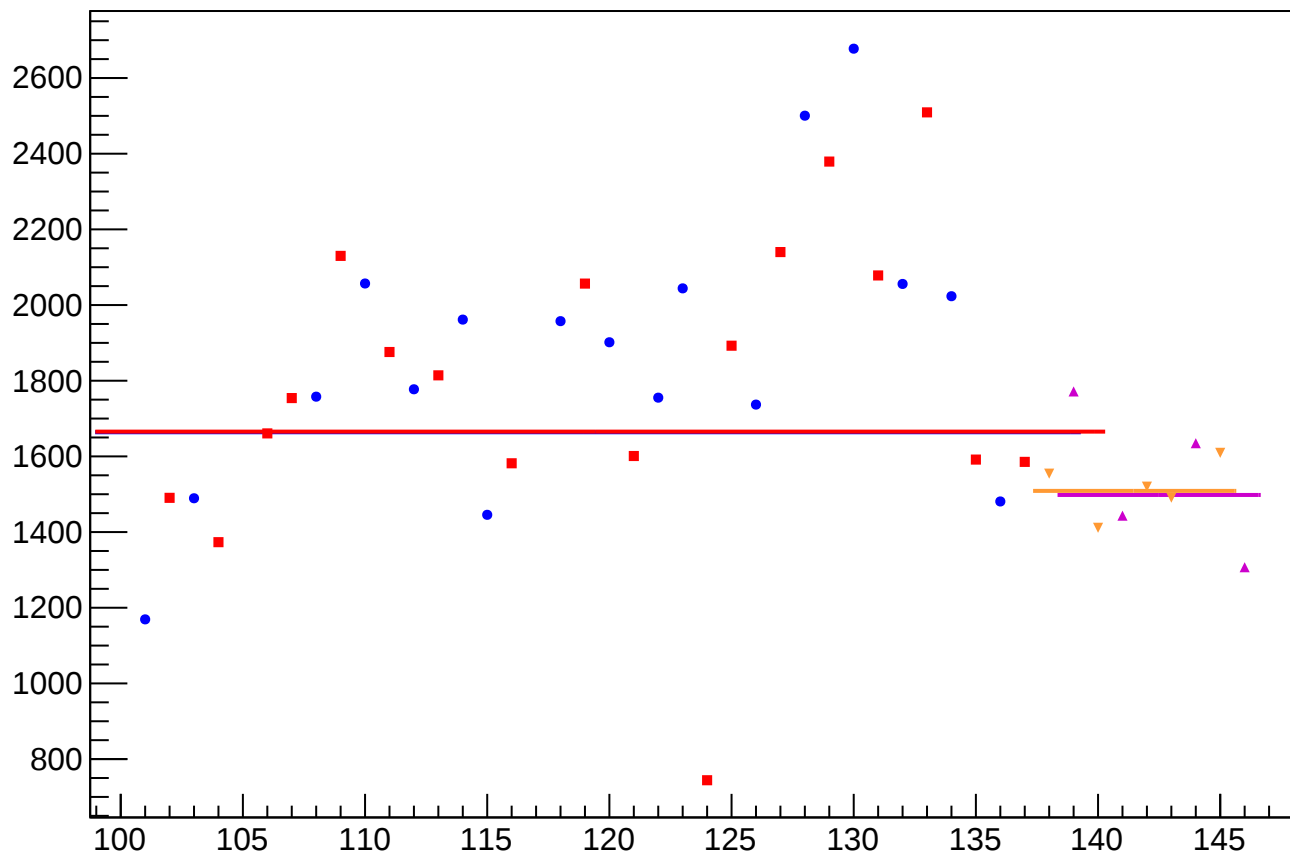
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: -65.516+/-516.909 χ^2/NDF : 20.5/20

Out: 179.109+/-507.279 χ^2/NDF : 22.6/22

All: 59.096+/-362.057 χ^2/NDF : 43.2/43

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1508.842+/-0.575 χ^2/NDF : 14937.3/4

Right Out: 1665.466+/-0.459 χ^2/NDF : 802791.6/17

Left In: 1498.081+/-0.587 χ^2/NDF : 86970.2/3

Left: 1503.580+/-0.411 χ^2/NDF : 102079.0/8

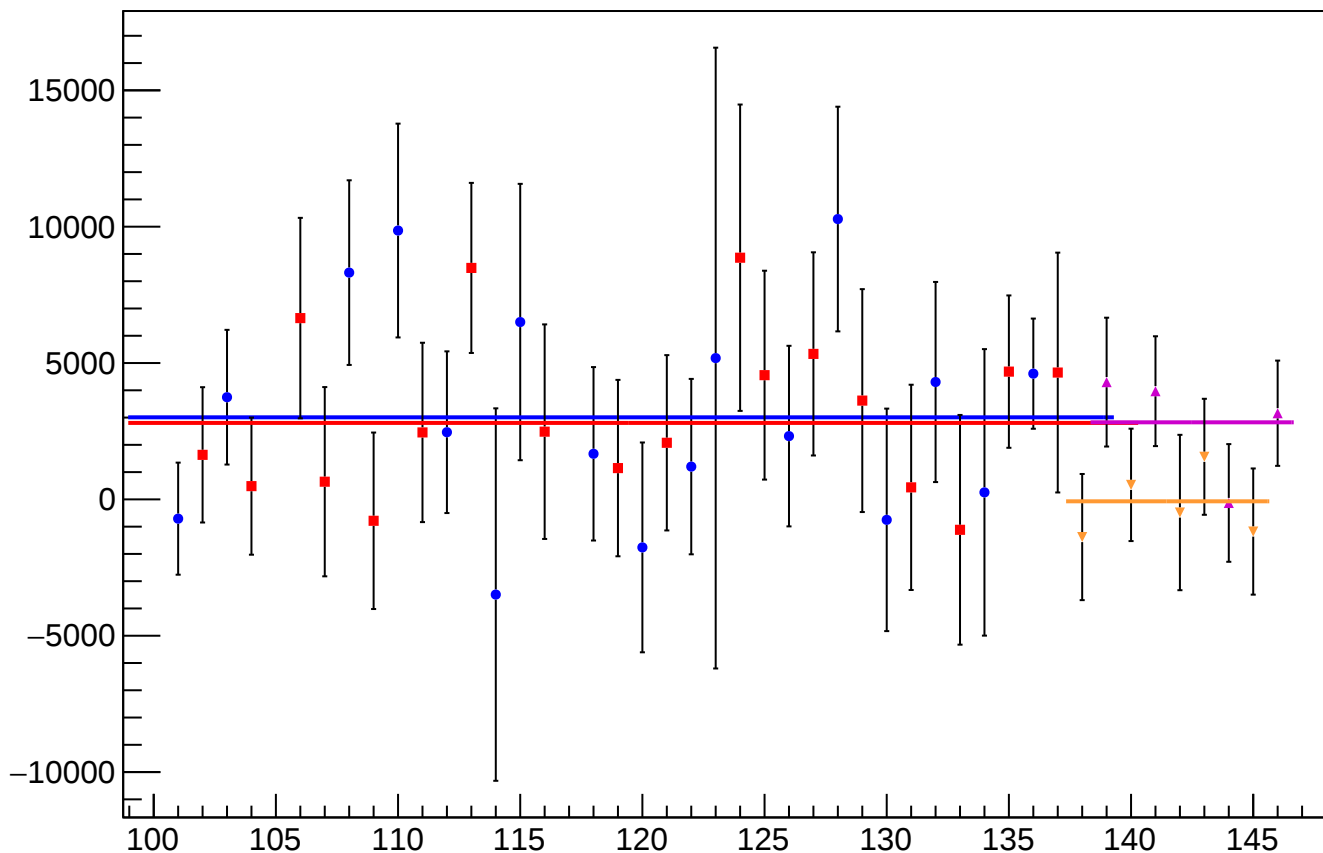
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1599.609+/-0.366 χ^2/NDF : 758214.2/20

Out: 1604.412+/-0.359 χ^2/NDF : 863078.5/22

All: 1602.056+/-0.256 χ^2/NDF : 1621380.6/43

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -70.827+/-1024.100 χ^2/NDF : 1.2/4

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 2826.033+/-1048.838 χ^2/NDF : 2.6/3

Left: 1343.038+/-732.737 χ^2/NDF : 7.8/8

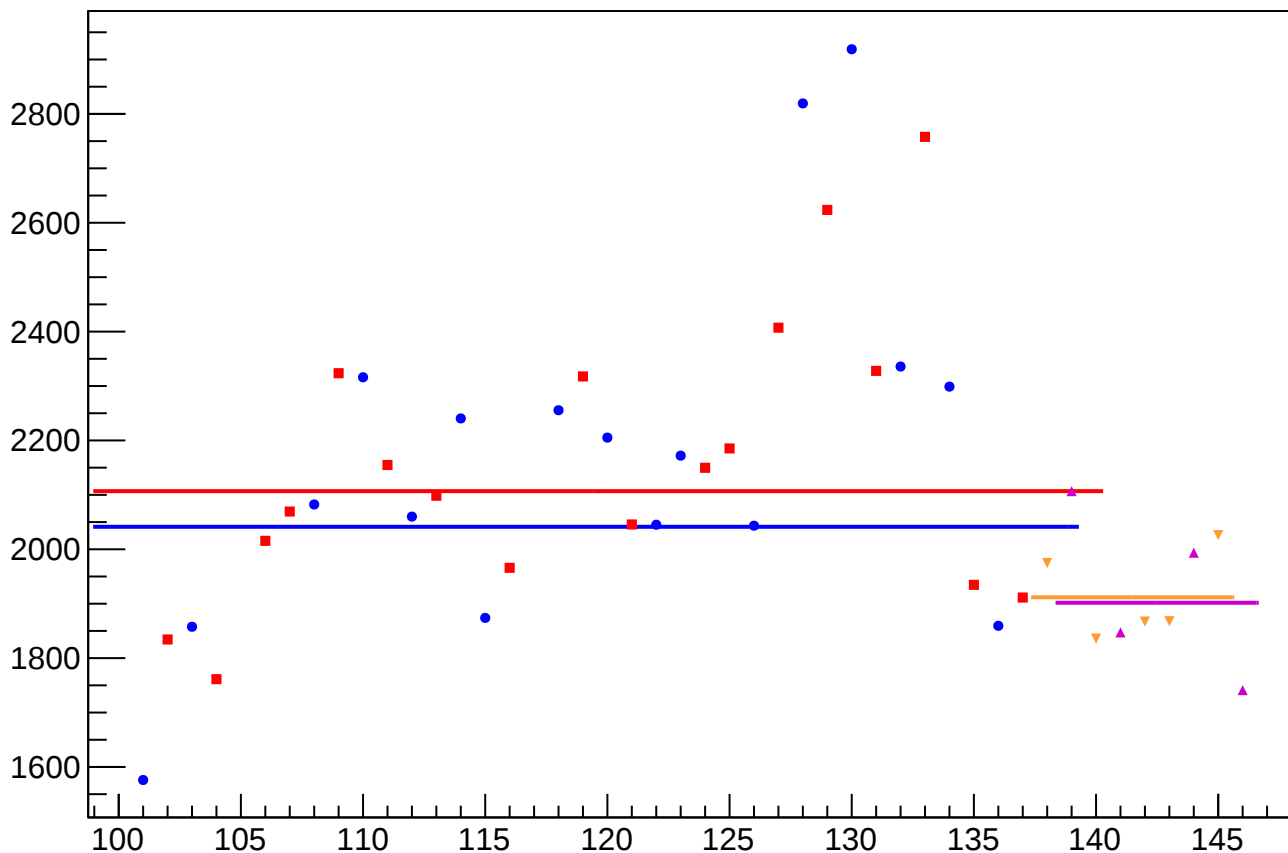
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2941.861+/-635.909 χ^2/NDF : 20.0/20

Out: 1715.199+/-630.242 χ^2/NDF : 17.3/22

All: 2323.040+/-447.638 χ^2/NDF : 39.2/43

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1911.829+/-0.724 χ^2/NDF : 10425.3/4

Right Out: 2106.845+/-0.565 χ^2/NDF : 196720.6/17

Left In: 1901.751+/-0.742 χ^2/NDF : 34003.5/3

Left: 1906.910+/-0.518 χ^2/NDF : 44523.3/8

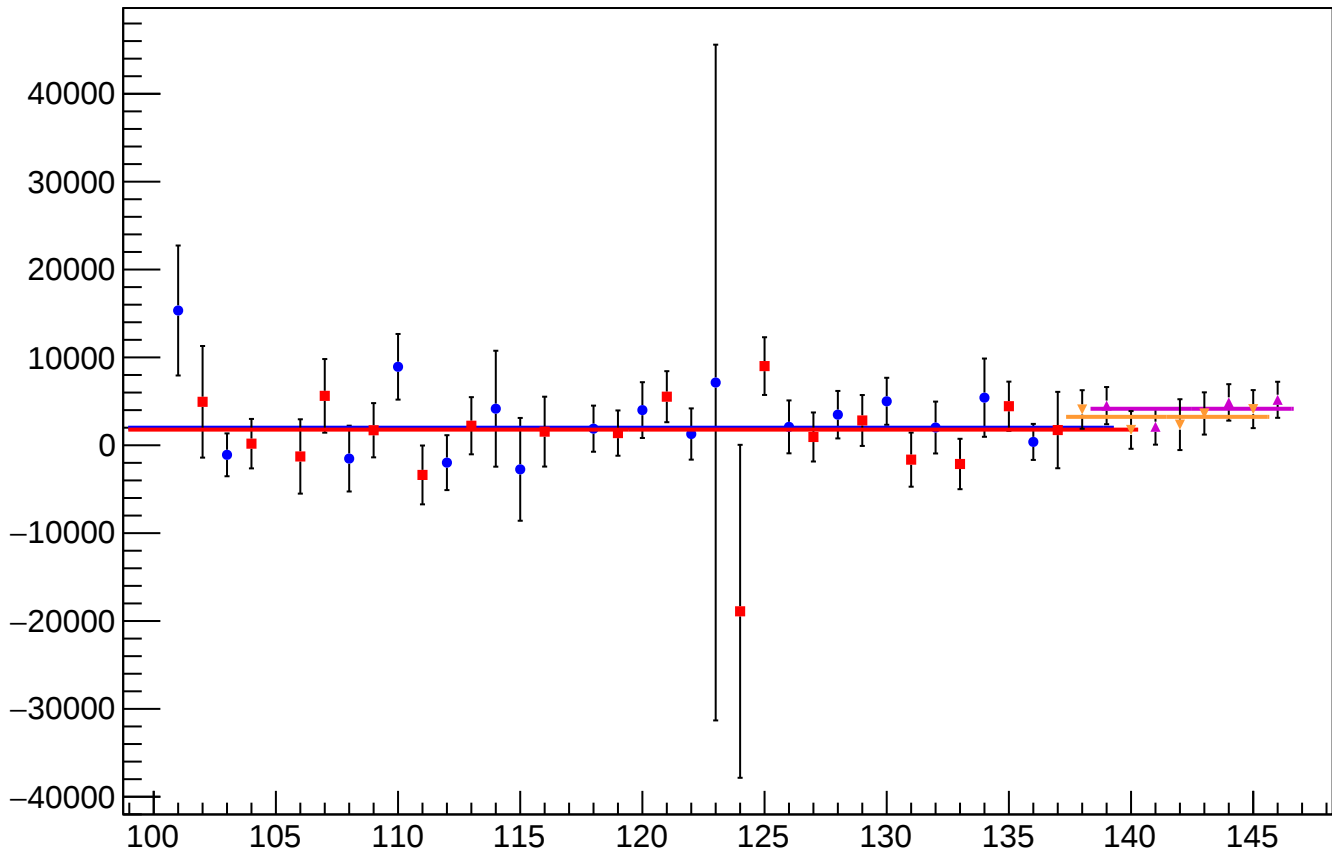
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1990.033+/-0.450 χ^2/NDF : 394846.0/20

Out: 2032.986+/-0.446 χ^2/NDF : 252203.3/22

All: 2011.702+/-0.317 χ^2/NDF : 651652.8/43

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 3235.054+/-1036.370 χ^2/NDF : 0.9/4

Right Out: 1781.823+/-781.836 χ^2/NDF : 16.3/17

Left In: 4154.866+/-1035.150 χ^2/NDF : 1.4/3

Left: 3695.502+/-732.392 χ^2/NDF : 2.7/8

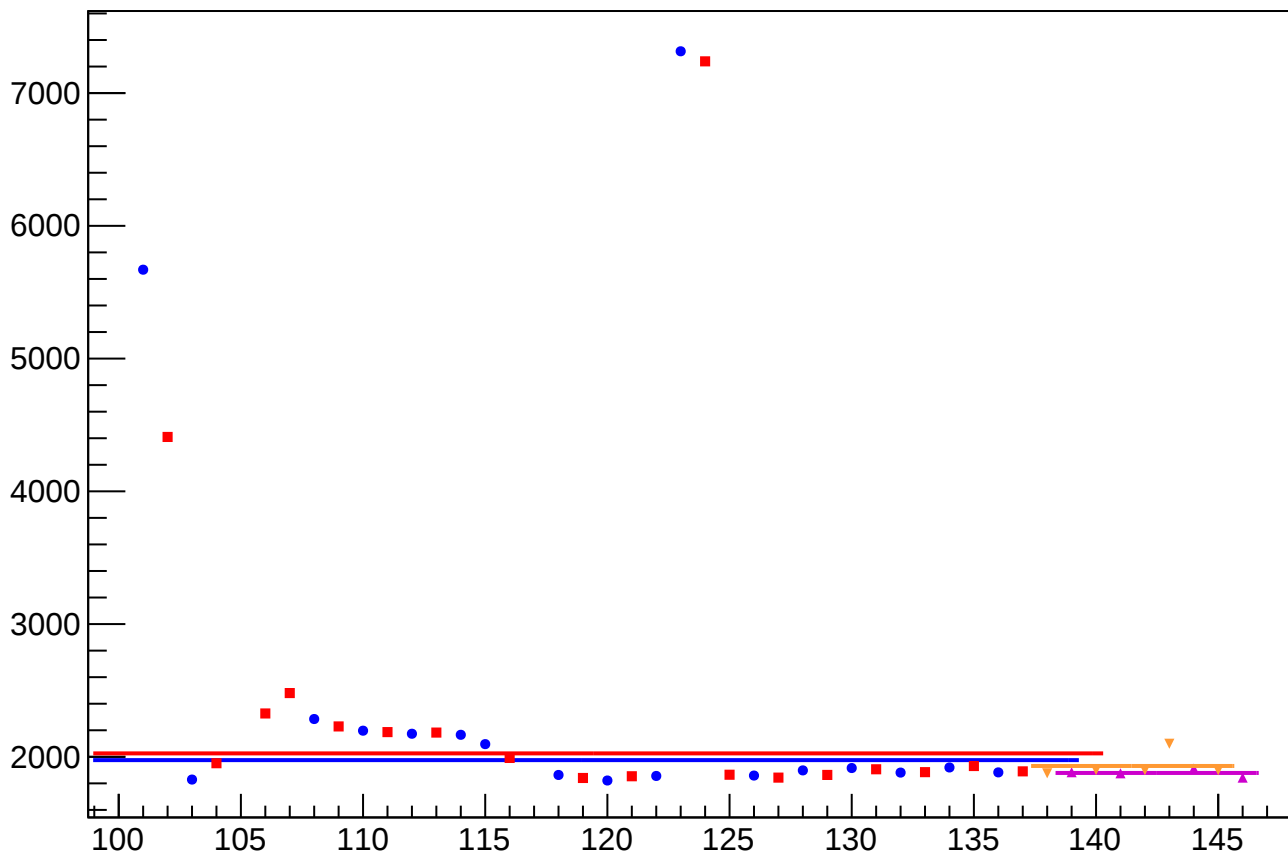
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2782.391+/-623.768 χ^2/NDF : 19.0/20

Out: 2308.908+/-624.148 χ^2/NDF : 18.4/22

All: 2545.794+/-441.205 χ^2/NDF : 37.7/43

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.033+/-0.733 χ^2/NDF :12085.3/4

Right Out: 2025.871+/-0.553 χ^2/NDF : 535385.1/17

Left In: 1878.459+/-0.732 χ^2/NDF :1117.9/3

Left: 1904.715+/-0.518 χ^2/NDF : 15779.6/8

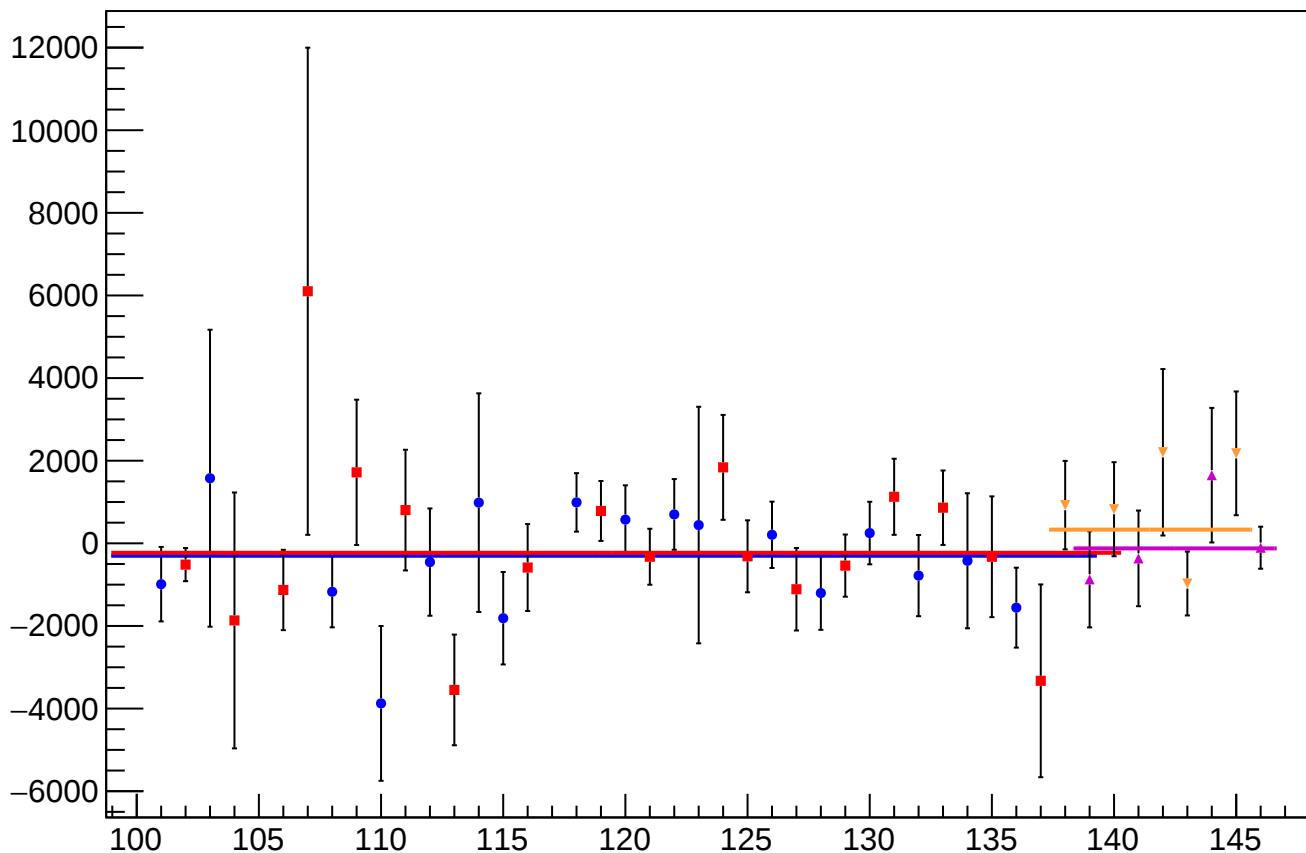
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1940.014+/-0.441 χ^2/NDF :612053.8/20

Out: 1991.473+/-0.441 χ^2/NDF :558144.1/22

All: 1965.728+/-0.312 χ^2/NDF : 1176999.4/43

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 331.543 ± 499.365 $\chi^2/\text{NDF}: 5.7/4$

Right Out: -228.794 ± 215.624 $\chi^2/\text{NDF}: 21.8/17$

Left In: -122.743 ± 417.947 $\chi^2/\text{NDF}: 1.6/3$

Left: 64.394 ± 320.504 $\chi^2/\text{NDF}: 7.9/8$

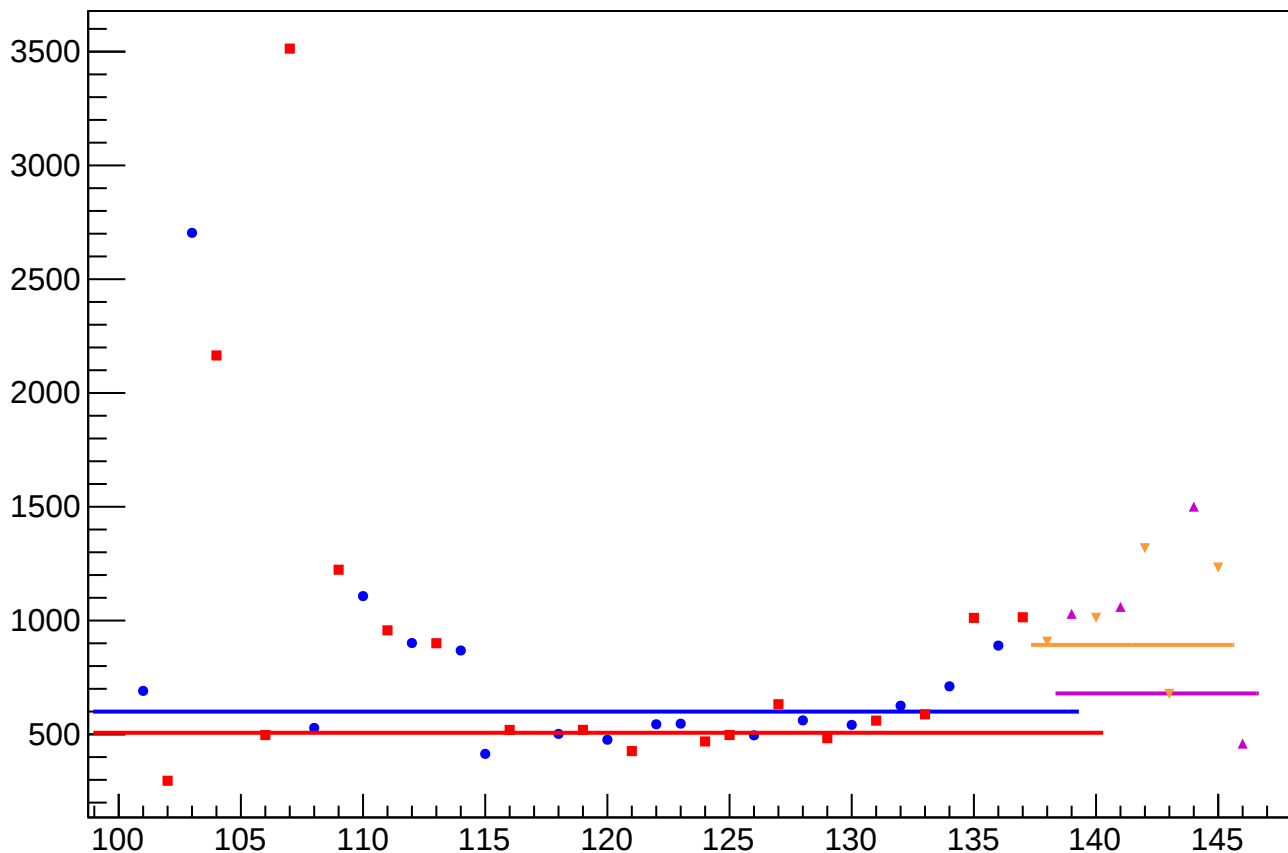
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -254.215 ± 212.396 $\chi^2/\text{NDF}: 19.1/20$

Out: -140.738 ± 197.958 $\chi^2/\text{NDF}: 28.6/22$

All: -193.489 ± 144.813 $\chi^2/\text{NDF}: 47.8/43$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 893.051+/-0.353 χ^2/NDF : 369229.9/4

Right Out: 506.876+/-0.152 χ^2/NDF : 2760863.3/17

Left In: 679.685+/-0.296 χ^2/NDF : 1280072.9/3

Left: 767.578+/-0.227 χ^2/NDF : 1864022.5/8

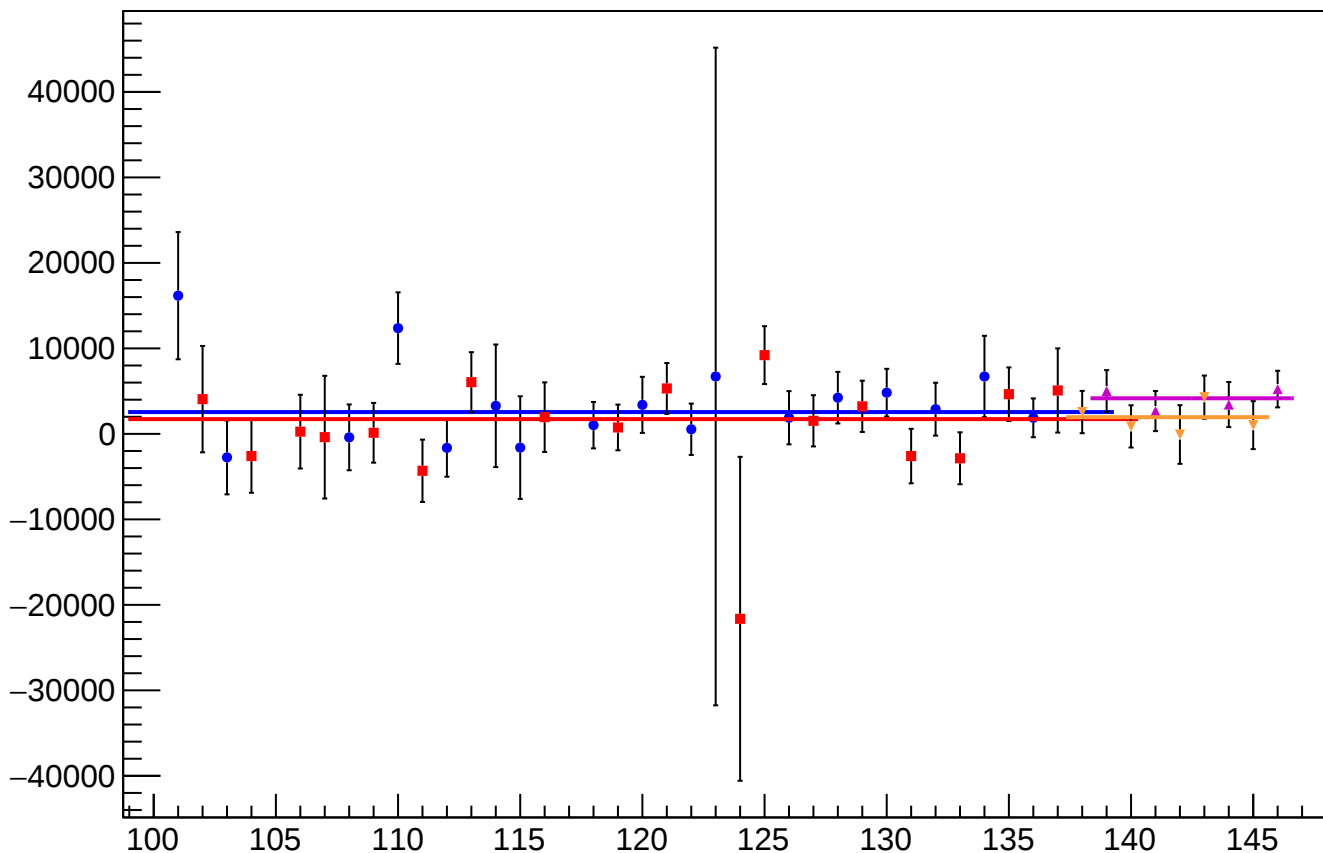
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 620.544+/-0.150 χ^2/NDF : 2715110.9/20

Out: 567.562+/-0.140 χ^2/NDF : 4138220.6/22

All: 592.192+/-0.102 χ^2/NDF : 6919929.8/43

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1952.227 $\pm$ 1198.536 χ^2/NDF : 1.6/4

Right Out: 1727.074 $\pm$ 855.162 χ^2/NDF : 19.5/17

Left In: 4165.112 $\pm$ 1186.096 χ^2/NDF : 0.9/3

Left: 3070.214 $\pm$ 843.060 χ^2/NDF : 4.1/8

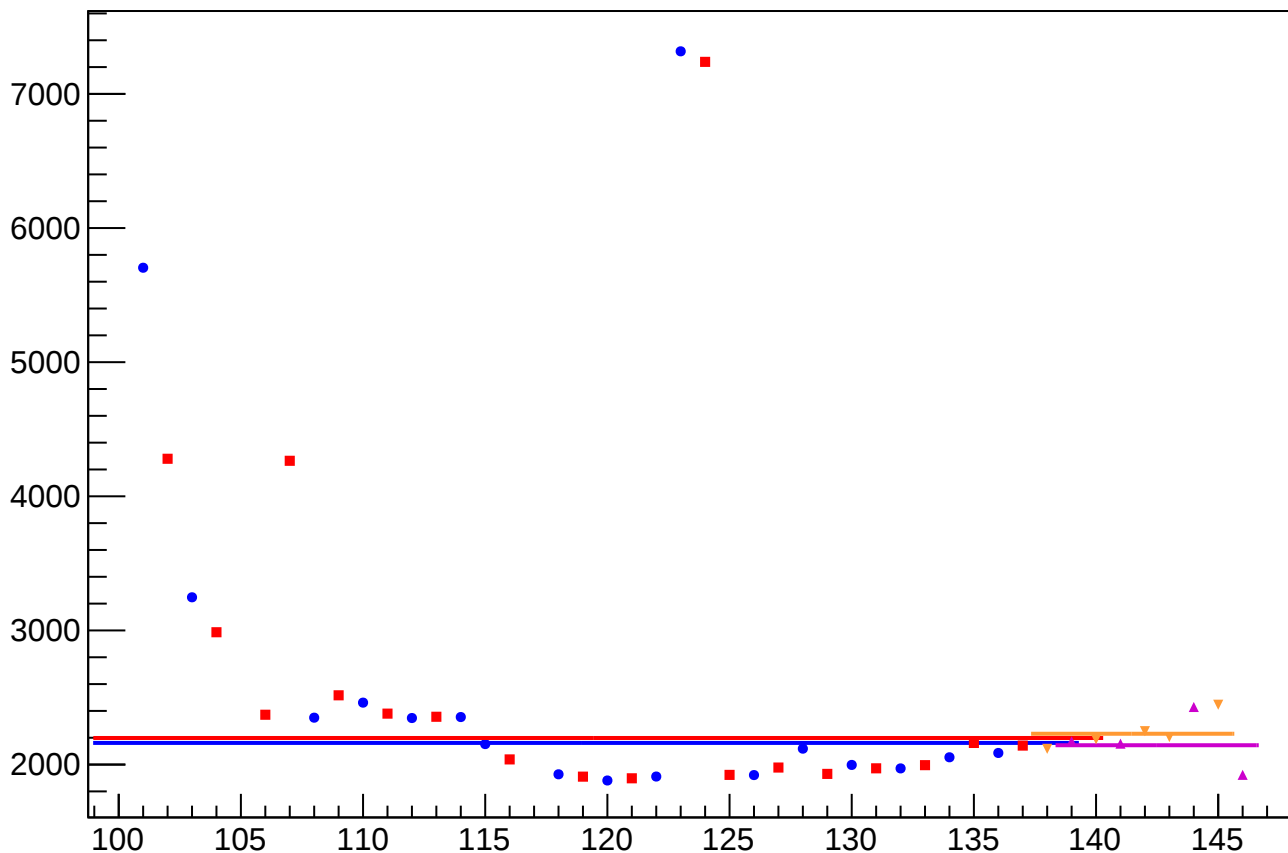
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 3107.956 $\pm$ 695.662 χ^2/NDF : 17.8/20

Out: 1803.029 $\pm$ 696.131 χ^2/NDF : 21.1/22

All: 2455.932 $\pm$ 492.073 χ^2/NDF : 40.7/43

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2229.746 $\pm$ 0.847 χ^2 /NDF:16850.9/4

Right Out: 2198.187 $\pm$ 0.605 χ^2 /NDF: 733873.5/17

Left In: 2144.158 $\pm$ 0.839 χ^2 /NDF:44979.2/3

Left: 2186.506 $\pm$ 0.596 χ^2 /NDF: 66982.7/8

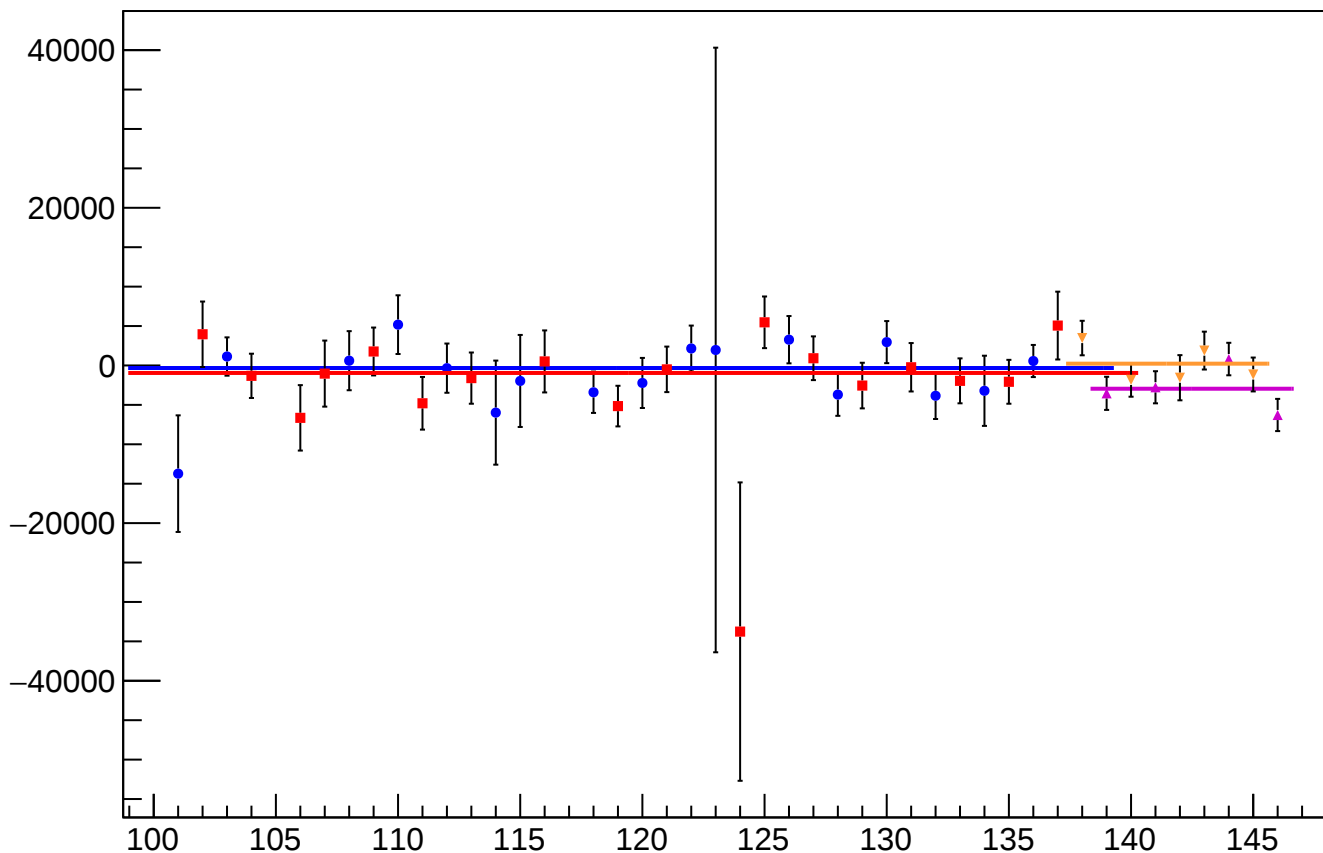
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2155.481 $\pm$ 0.492 χ^2 /NDF:756510.3/20

Out: 2208.833 $\pm$ 0.492 χ^2 /NDF:751643.3/22

All: 2182.139 $\pm$ 0.348 χ^2 /NDF: 1514031.5/43

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: 226.252+/-1031.070 χ^2/NDF : 4.4/4

Right Out: -951.303+/-770.284 χ^2/NDF : 18.2/17

Left In: -2951.760+/-1030.040 χ^2/NDF : 6.1/3

Left: -1364.342+/-728.712 χ^2/NDF : 15.3/8

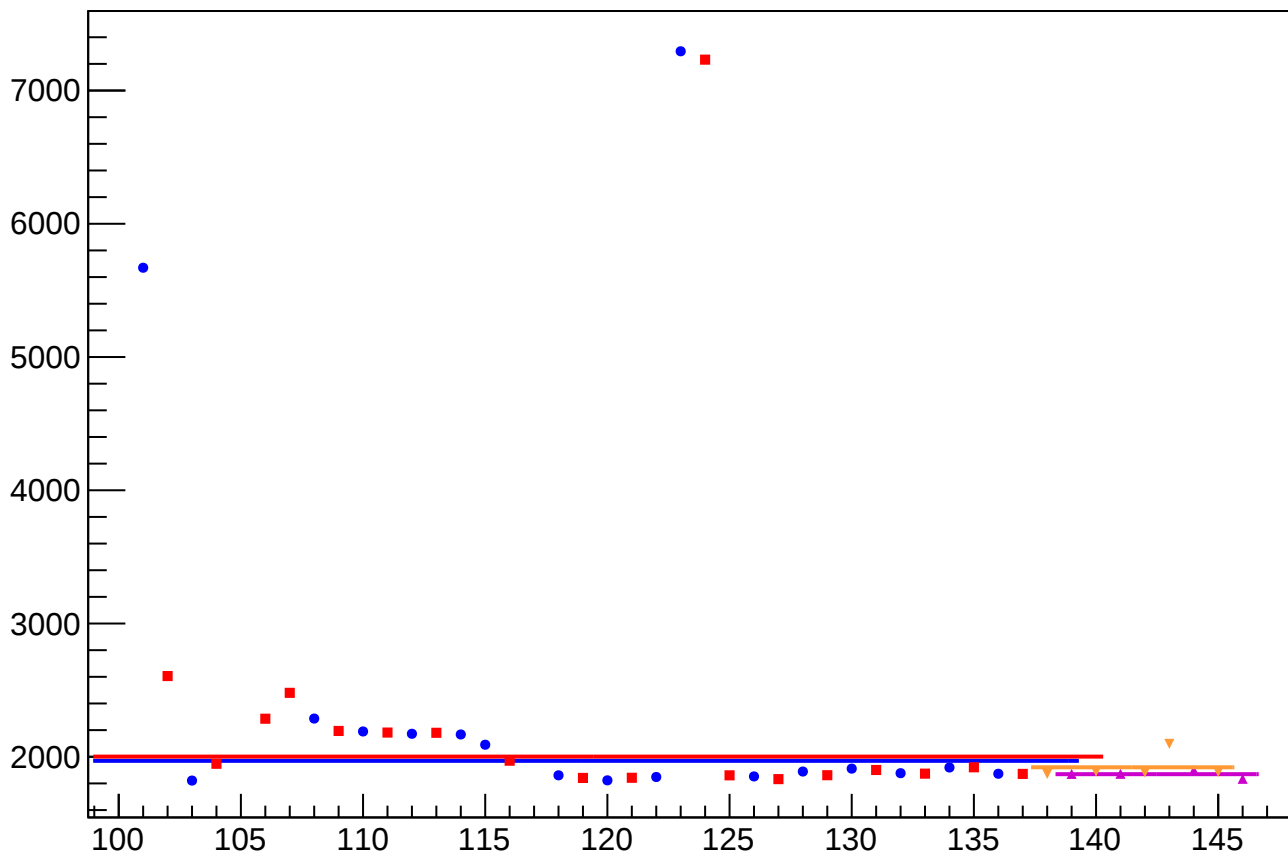
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -1280.743+/-621.580 χ^2/NDF : 26.0/20

Out: -529.503+/-617.093 χ^2/NDF : 23.4/22

All: -902.402+/-437.928 χ^2/NDF : 50.1/43

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1921.076+/-0.729 χ^2/NDF :13189.1/4

Right Out: 2001.177+/-0.545 χ^2/NDF : 290624.5/17

Left In: 1869.344+/-0.728 χ^2/NDF :996.6/3

Left: 1895.184+/-0.515 χ^2/NDF : 16705.5/8

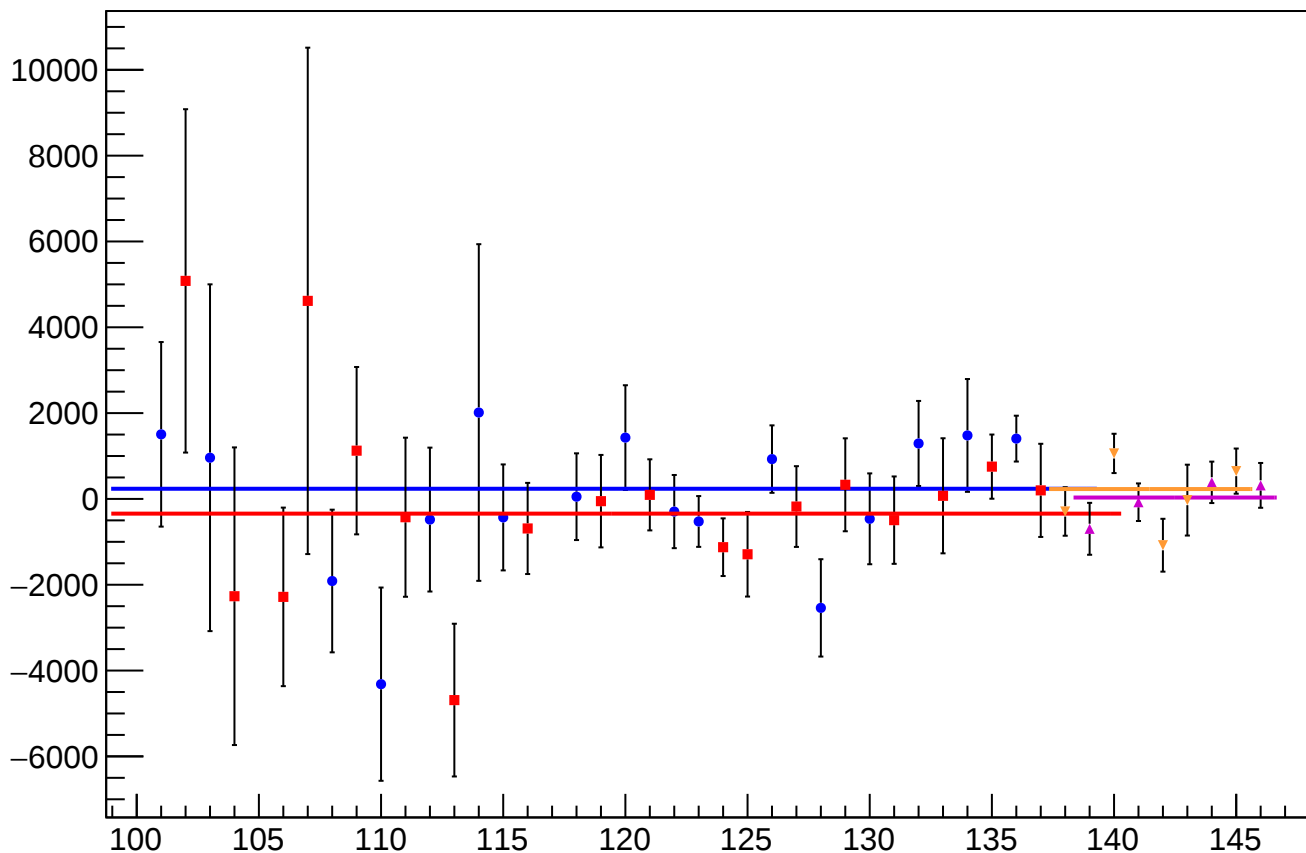
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1933.024+/-0.440 χ^2/NDF :615829.0/20

Out: 1972.485+/-0.436 χ^2/NDF :311560.7/22

All: 1952.898+/-0.310 χ^2/NDF : 931449.2/43

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 230.091 $\pm$ 253.084 χ^2 /NDF:9.4/4

Right Out: -342.796 $\pm$ 268.580 χ^2 /NDF: 15.9/17

Left In: 32.317 $\pm$ 250.775 χ^2 /NDF:2.3/3

Left: 130.298 $\pm$ 178.135 χ^2 /NDF: 12.0/8

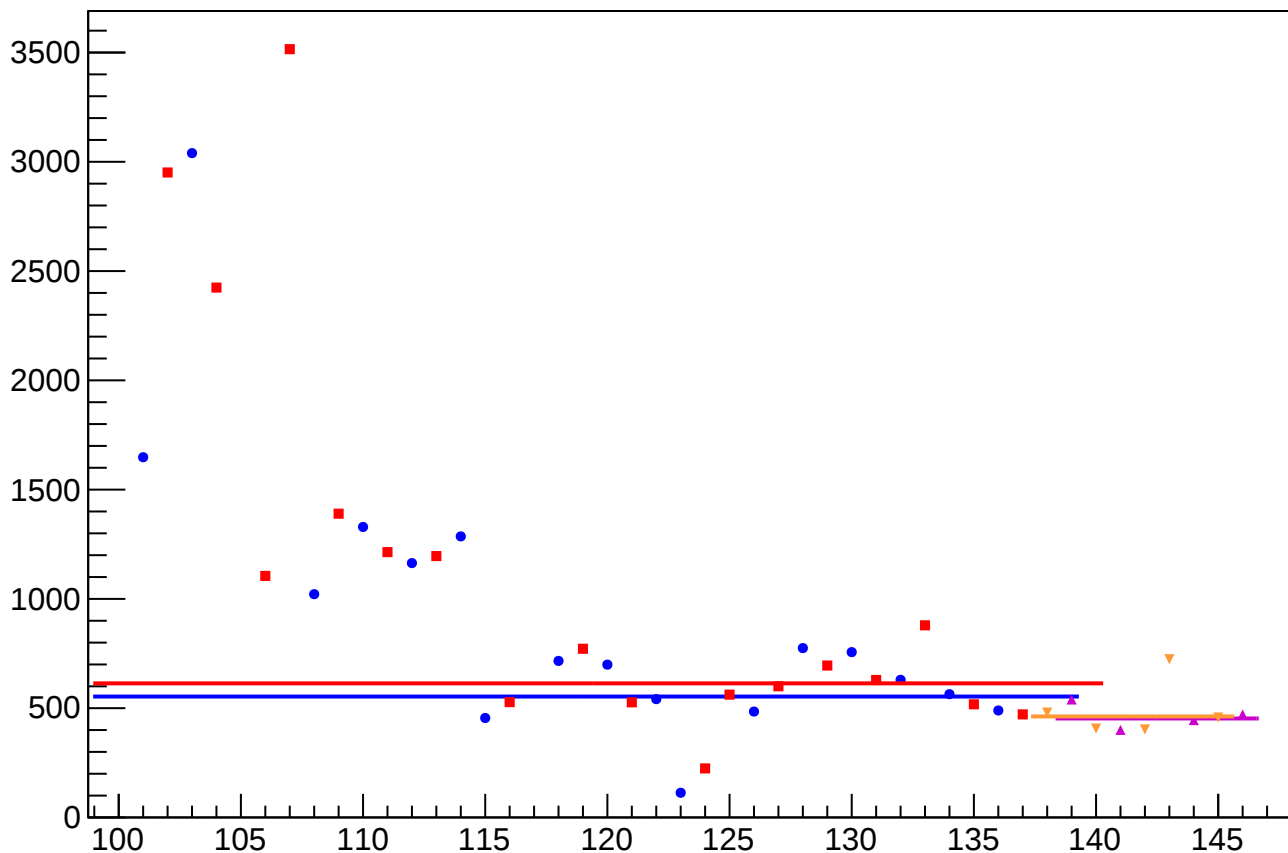
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 135.480 $\pm$ 176.552 χ^2 /NDF:26.6/20

Out: -39.350 $\pm$ 184.192 χ^2 /NDF:27.7/22

All: 51.766 $\pm$ 127.456 χ^2 /NDF: 54.7/43

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 462.216+/-0.179 χ^2/NDF : 251292.6/4

Right Out: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

Left In: 452.898+/-0.177 χ^2/NDF : 72694.4/3

Left: 457.514+/-0.126 χ^2/NDF : 325354.9/8

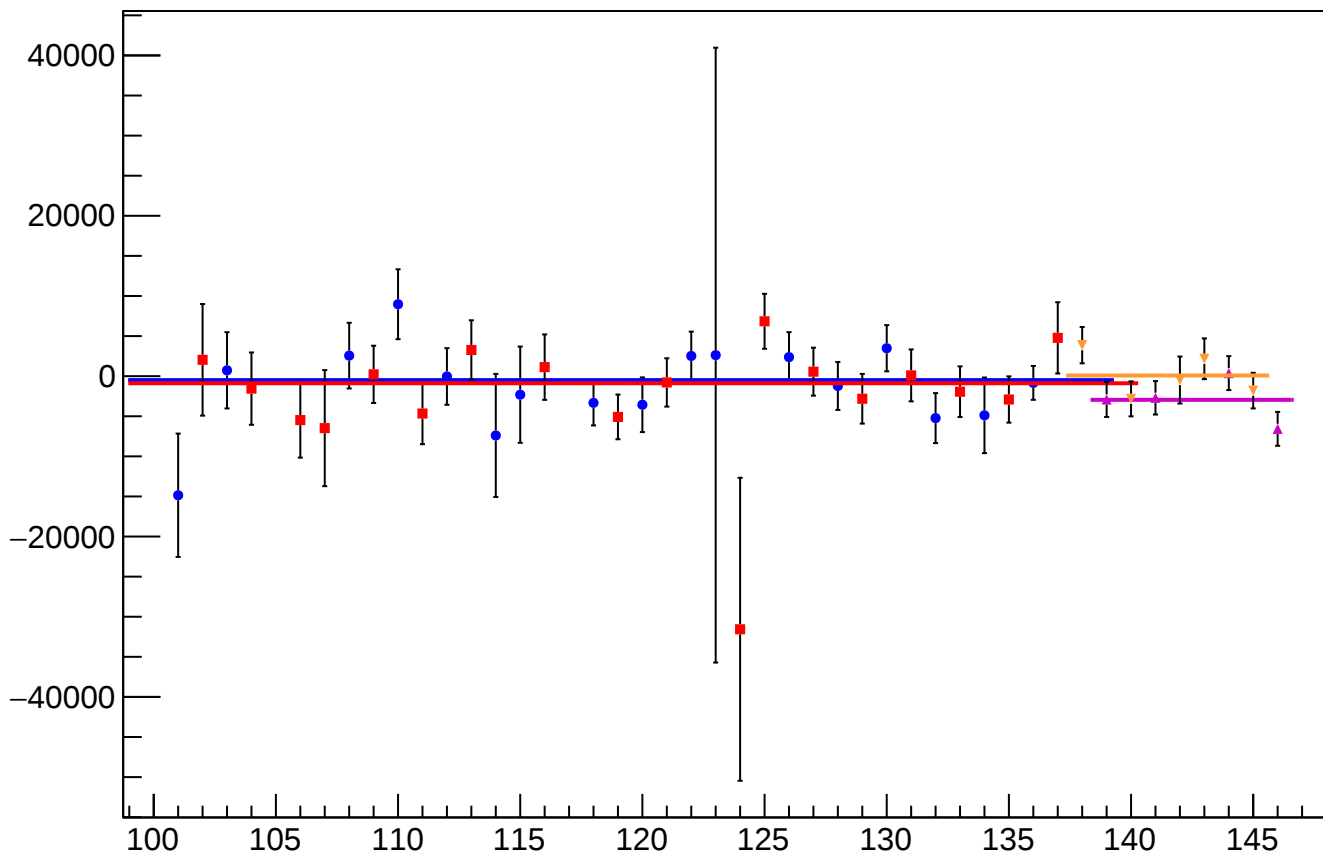
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 503.525+/-0.125 χ^2/NDF : 3647064.0/20

Out: 533.404+/-0.130 χ^2/NDF : 4064119.0/22

All: 517.832+/-0.090 χ^2/NDF : 7738610.9/43

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 85.686+/-1066.261 χ^2/NDF : 6.0/4

Right Out: -884.654+/-869.140 χ^2/NDF : 17.3/17

Left In: -2949.469+/-1062.132 χ^2/NDF : 5.4/3

Left: -1437.779+/-752.496 χ^2/NDF : 15.5/8

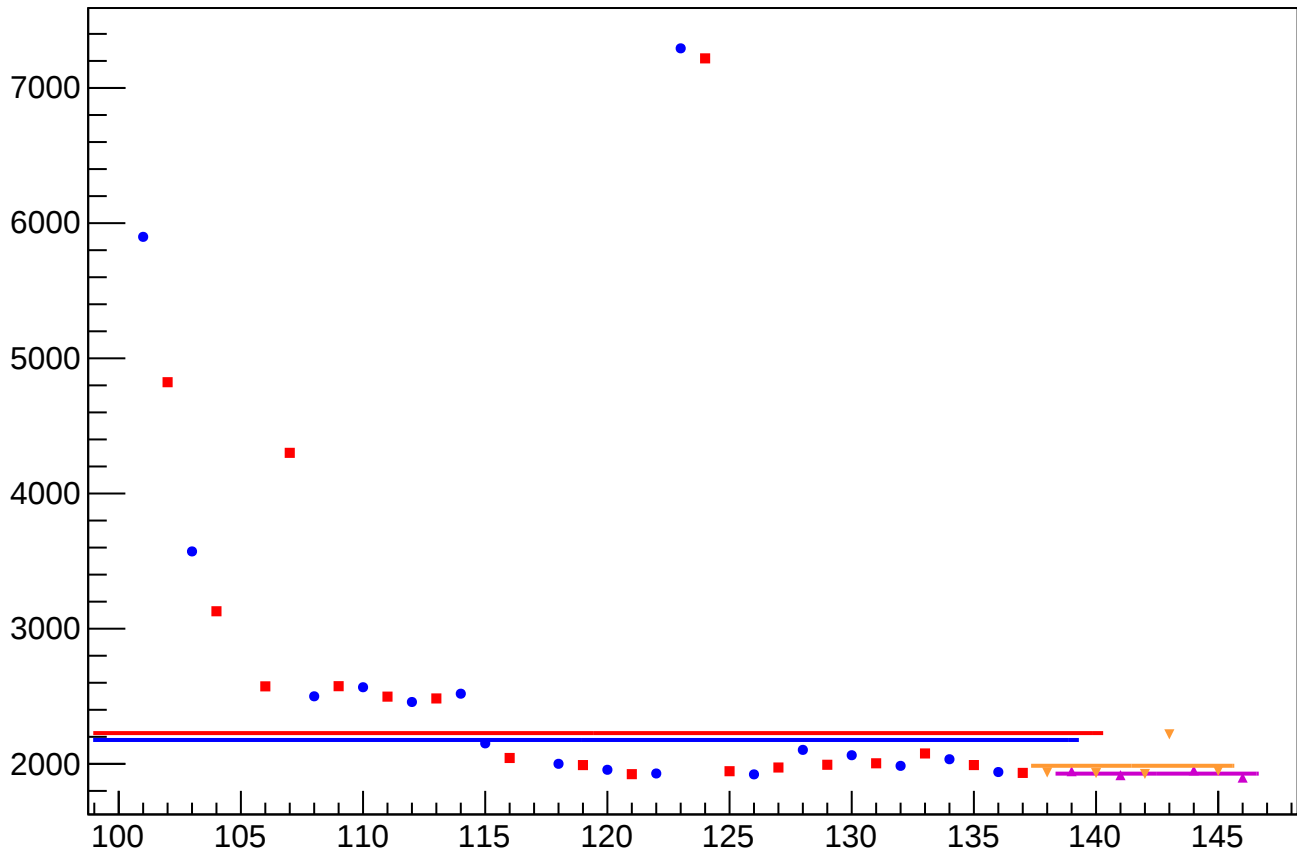
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -1475.986+/-672.105 χ^2/NDF : 27.2/20

Out: -497.298+/-673.684 χ^2/NDF : 23.8/22

All: -987.791+/-475.807 χ^2/NDF : 52.0/43

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1985.936+/-0.754 χ^2/NDF : 20435.9/4

Right Out: 2227.688+/-0.615 χ^2/NDF : 825665.5/17

Left In: 1927.819+/-0.751 χ^2/NDF : 844.5/3

Left: 1956.764+/-0.532 χ^2/NDF : 24262.8/8

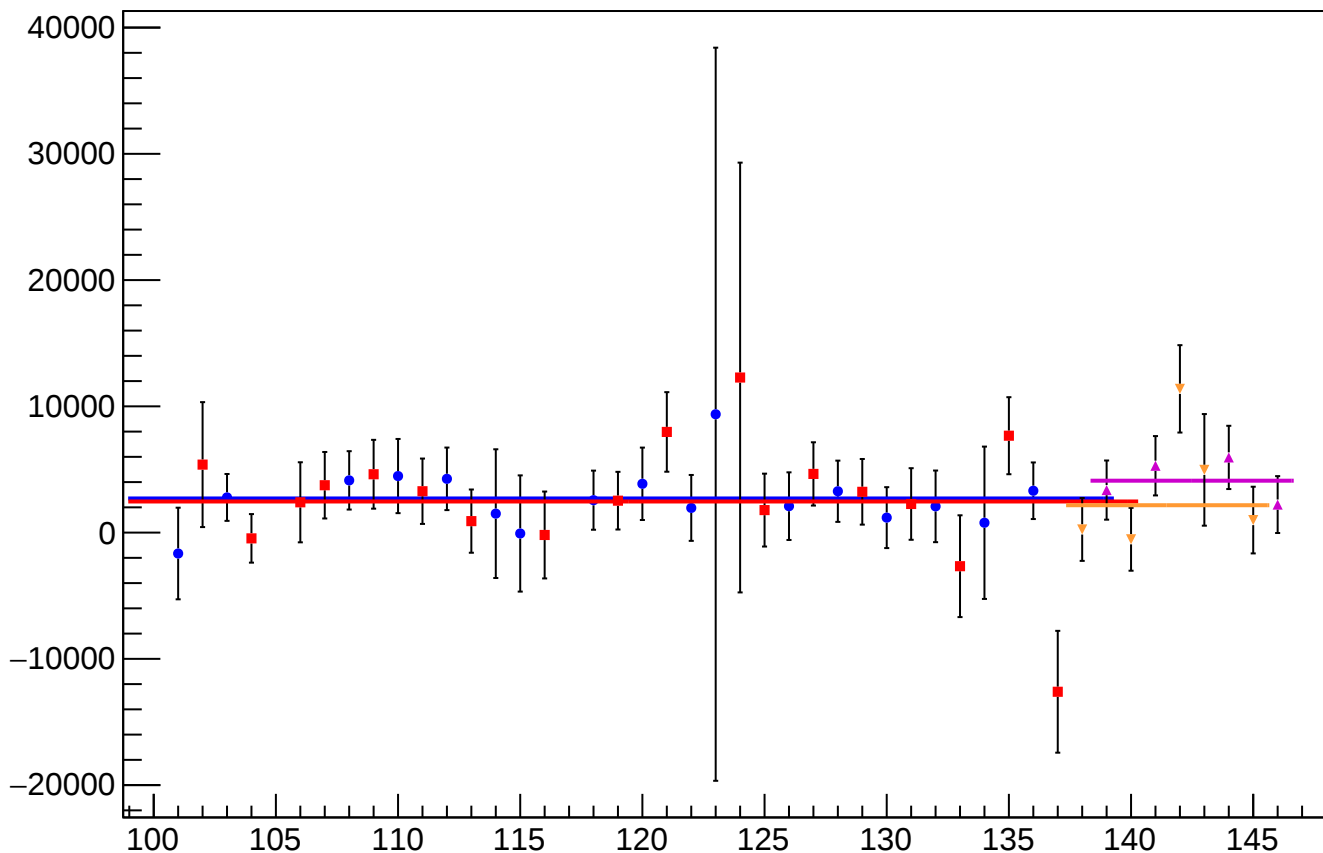
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 2077.070+/-0.475 χ^2/NDF : 869389.0/20

Out: 2131.182+/-0.476 χ^2/NDF : 907871.5/22

All: 2104.063+/-0.336 χ^2/NDF : 1783727.2/43

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 2168.238 $\pm$ 1290.321 χ^2 /NDF: 9.5/4

Right Out: 2464.583 $\pm$ 683.276 χ^2 /NDF: 23.2/17

Left In: 4111.090 $\pm$ 1178.841 χ^2 /NDF: 1.6/3

Left: 3227.203 $\pm$ 870.314 χ^2 /NDF: 12.3/8

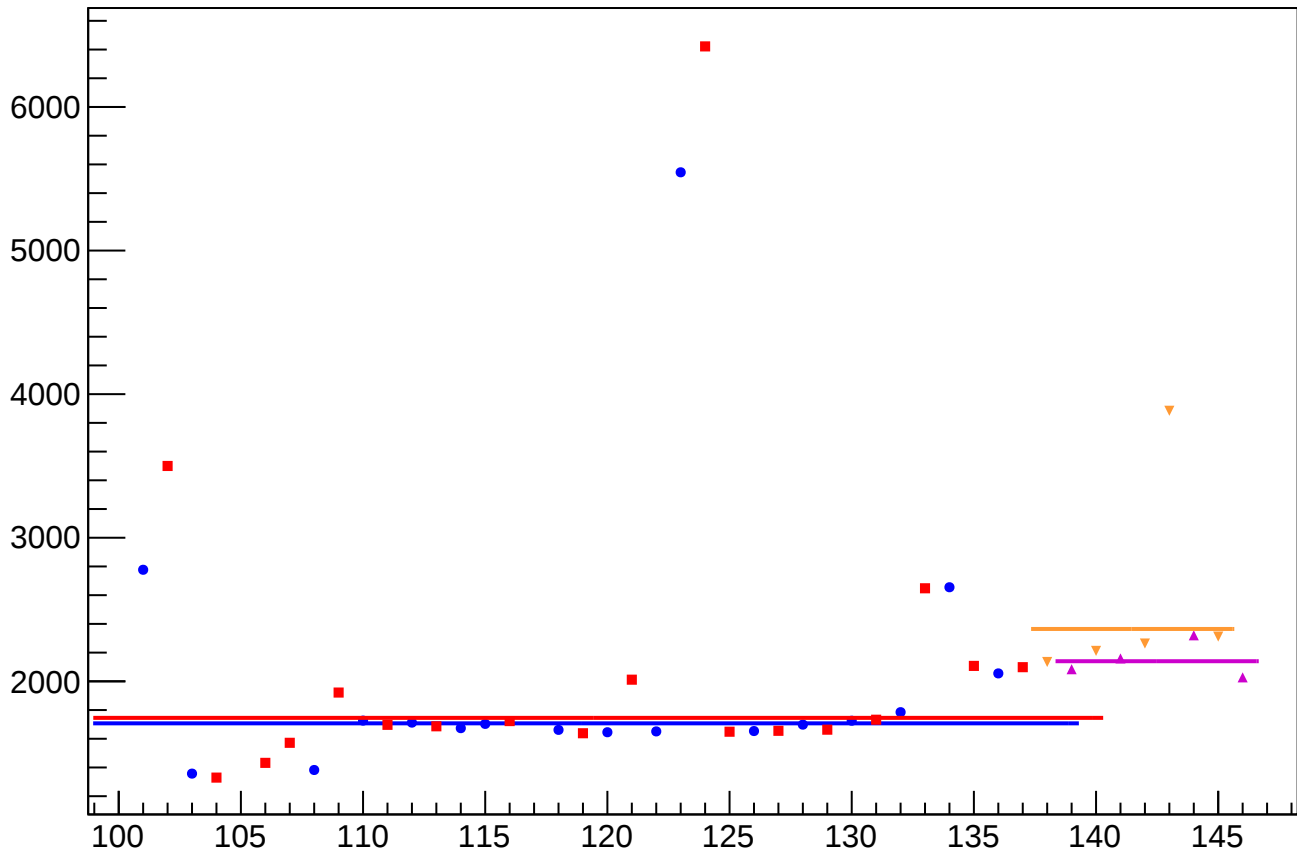
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 3050.203 $\pm$ 585.049 χ^2 /NDF: 6.7/20

Out: 2399.683 $\pm$ 603.839 χ^2 /NDF: 32.7/22

All: 2735.222 $\pm$ 420.178 χ^2 /NDF: 40.0/43

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2364.679+/-0.912 χ^2/NDF : 263451.9/4

Right Out: 1745.551+/-0.483 χ^2/NDF : 699240.7/17

Left In: 2140.027+/-0.834 χ^2/NDF : 16628.7/3

Left: 2242.231+/-0.615 χ^2/NDF : 313124.9/8

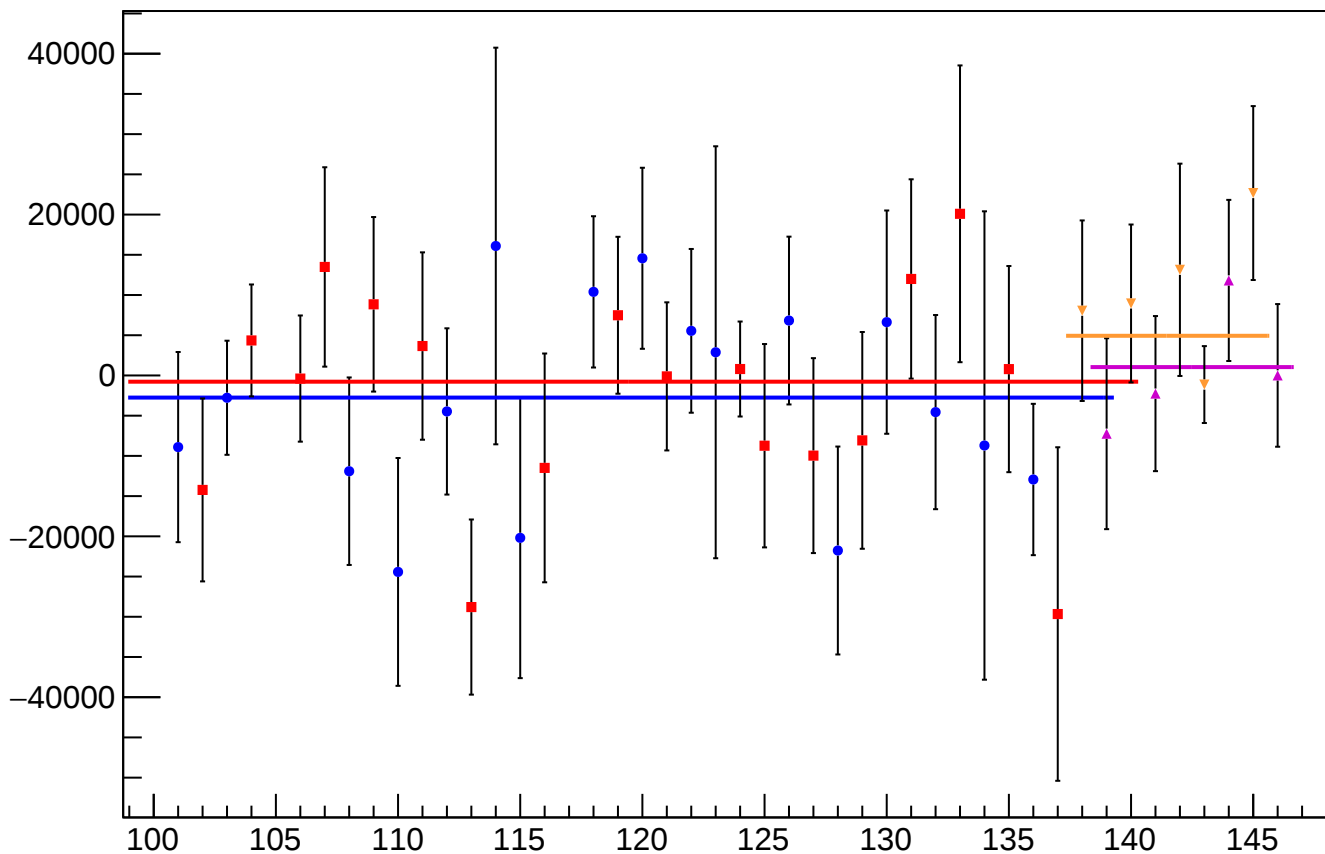
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1813.948+/-0.414 χ^2/NDF : 641829.8/20

Out: 1881.083+/-0.427 χ^2/NDF : 1322357.5/22

All: 1846.461+/-0.297 χ^2/NDF : 1976941.8/43

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4931.623+/-3618.083 χ^2/NDF : 4.9/4

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

Left In: 1039.356+/-4966.143 χ^2/NDF : 1.8/3

Left: 3582.017+/-2924.297 χ^2/NDF : 7.1/8

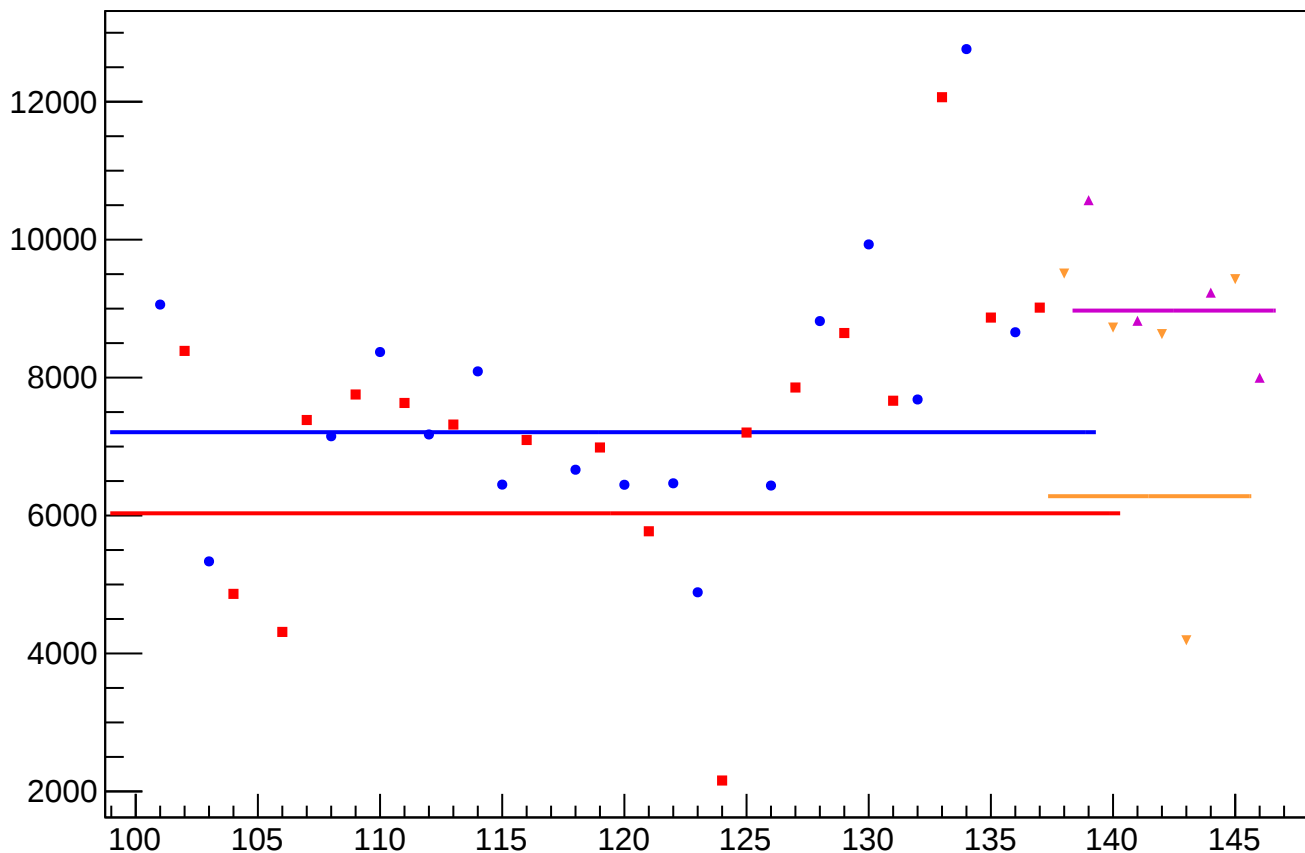
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1815.500+/-2466.908 χ^2/NDF : 16.8/20

Out: 1009.859+/-2023.411 χ^2/NDF : 24.4/22

All: -126.464+/-1564.469 χ^2/NDF : 42.0/43

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6280.293+/-2.558 χ^2/NDF : 904617.5/4

Right Out: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

Left In: 8971.657+/-3.512 χ^2/NDF : 62317.3/3

Left: 7213.498+/-2.068 χ^2/NDF : 1350661.7/8

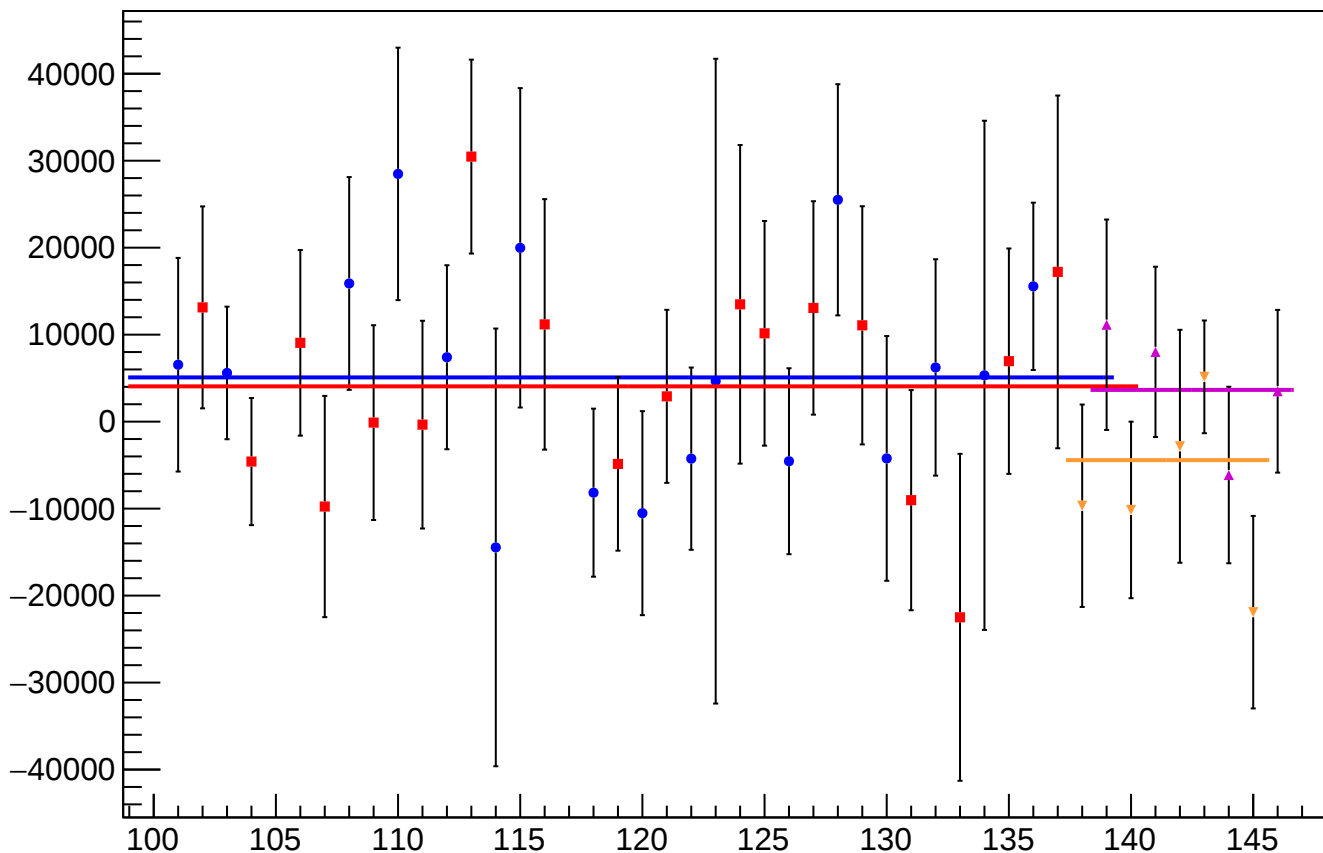
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7643.453+/-1.744 χ^2/NDF : 745993.5/20

Out: 6109.789+/-1.431 χ^2/NDF : 2708643.4/22

All: 6726.608+/-1.106 χ^2/NDF : 3916752.3/43

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -4425.835+/-4277.149 χ^2/NDF : 5.2/4

Right Out: 4055.589+/-2800.076 χ^2/NDF : 15.2/17

Left In: 3647.857+/-5102.399 χ^2/NDF : 1.5/3

Left: -1093.888+/-3277.837 χ^2/NDF : 8.2/8

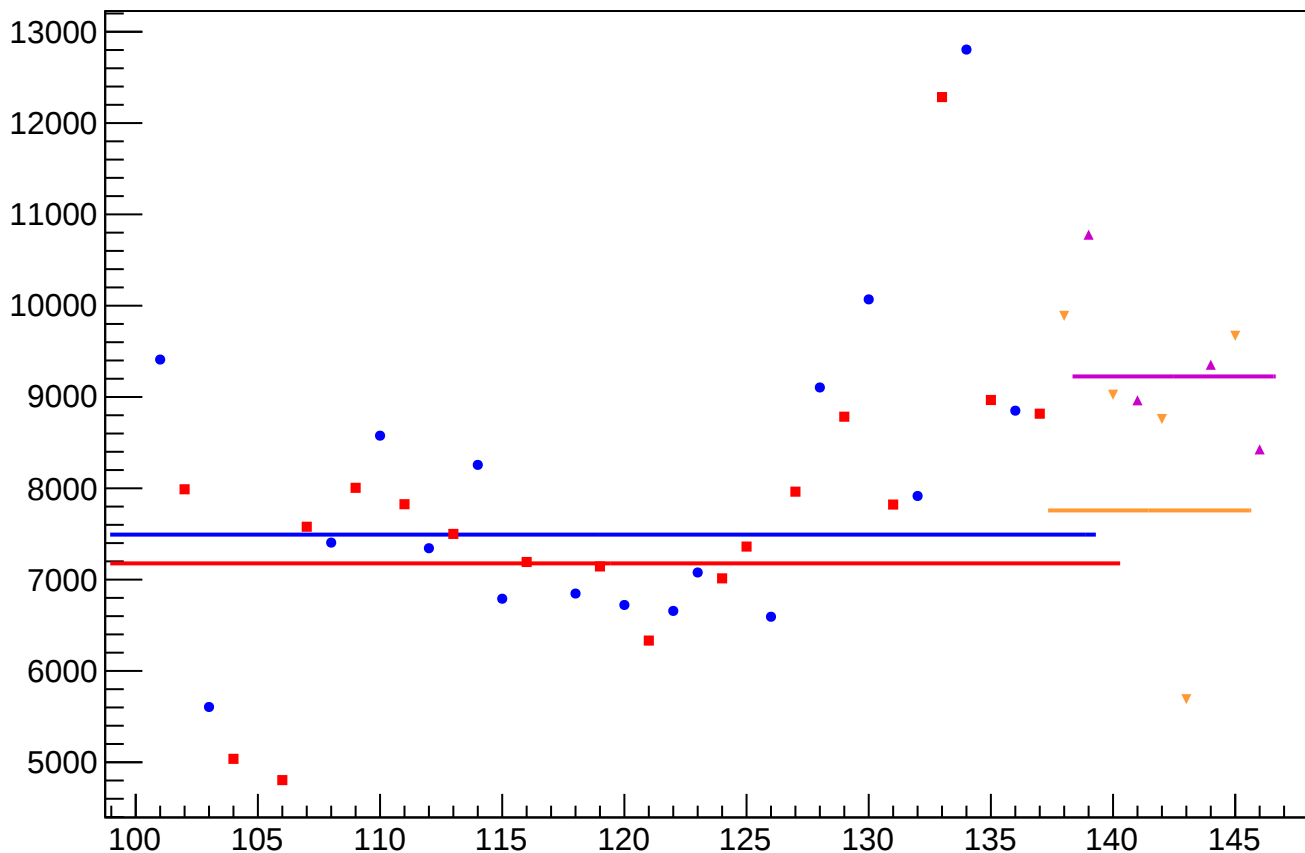
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 4723.721+/-2557.280 χ^2/NDF : 15.5/20

Out: 1511.131+/-2342.705 χ^2/NDF : 23.1/22

All: 2977.013+/-1727.429 χ^2/NDF : 39.5/43

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7757.672 $\pm$ 3.024 χ^2/NDF : 372787.8/4

Right Out: 7177.811 $\pm$ 1.980 χ^2/NDF : 555902.2/17

Left In: 9225.201 $\pm$ 3.608 χ^2/NDF : 49268.1/3

Left: 8363.309 $\pm$ 2.318 χ^2/NDF : 519223.2/8

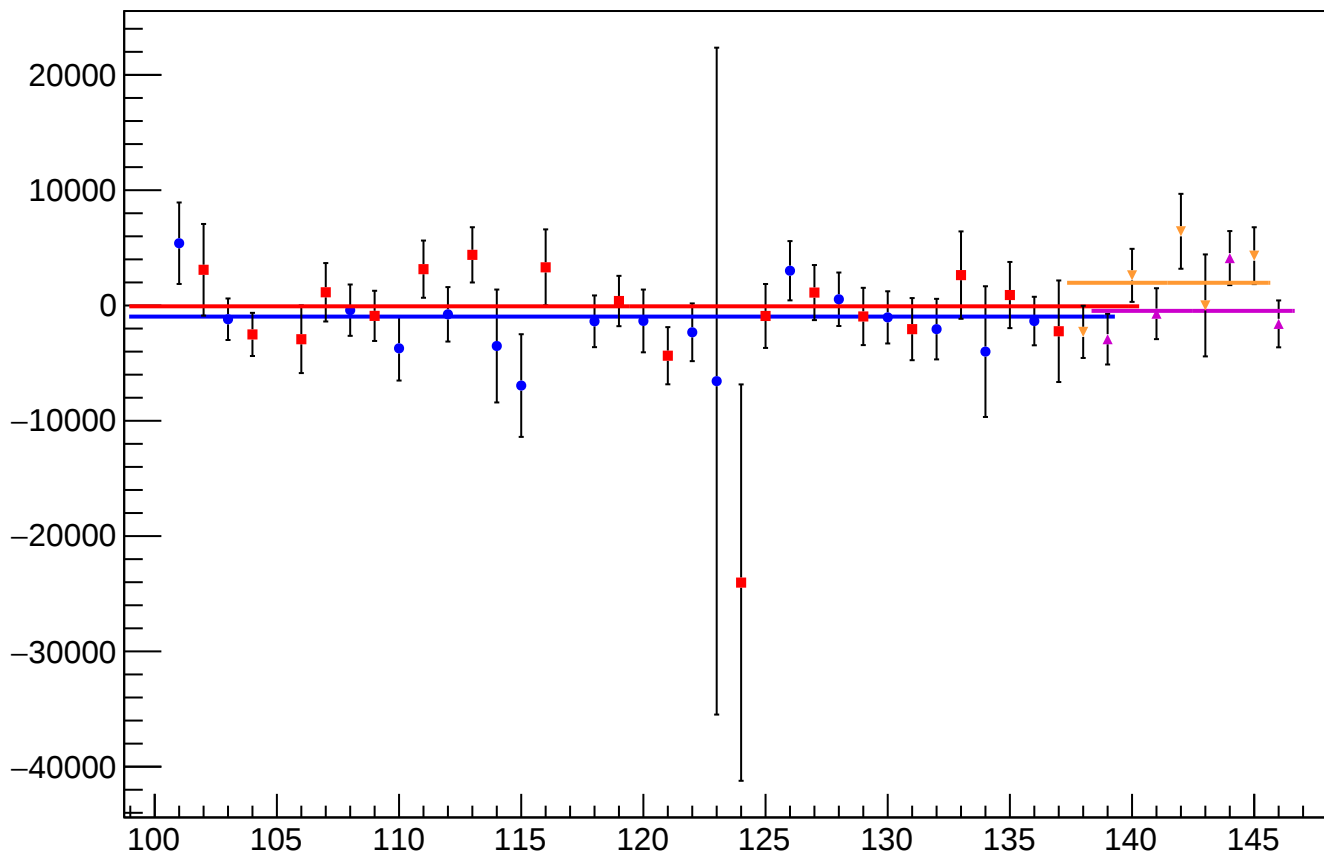
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 7928.039 $\pm$ 1.808 χ^2/NDF : 658973.7/20

Out: 7351.740 $\pm$ 1.656 χ^2/NDF : 954423.4/22

All: 7614.681 $\pm$ 1.221 χ^2/NDF : 1668627.6/43

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 1969.650+/-1199.836 χ^2/NDF : 6.6/4

Right Out: -71.322+/-634.426 χ^2/NDF : 16.7/17

Left In: -466.088+/-1093.468 χ^2/NDF : 5.4/3

Left: 639.049+/-808.192 χ^2/NDF : 14.2/8

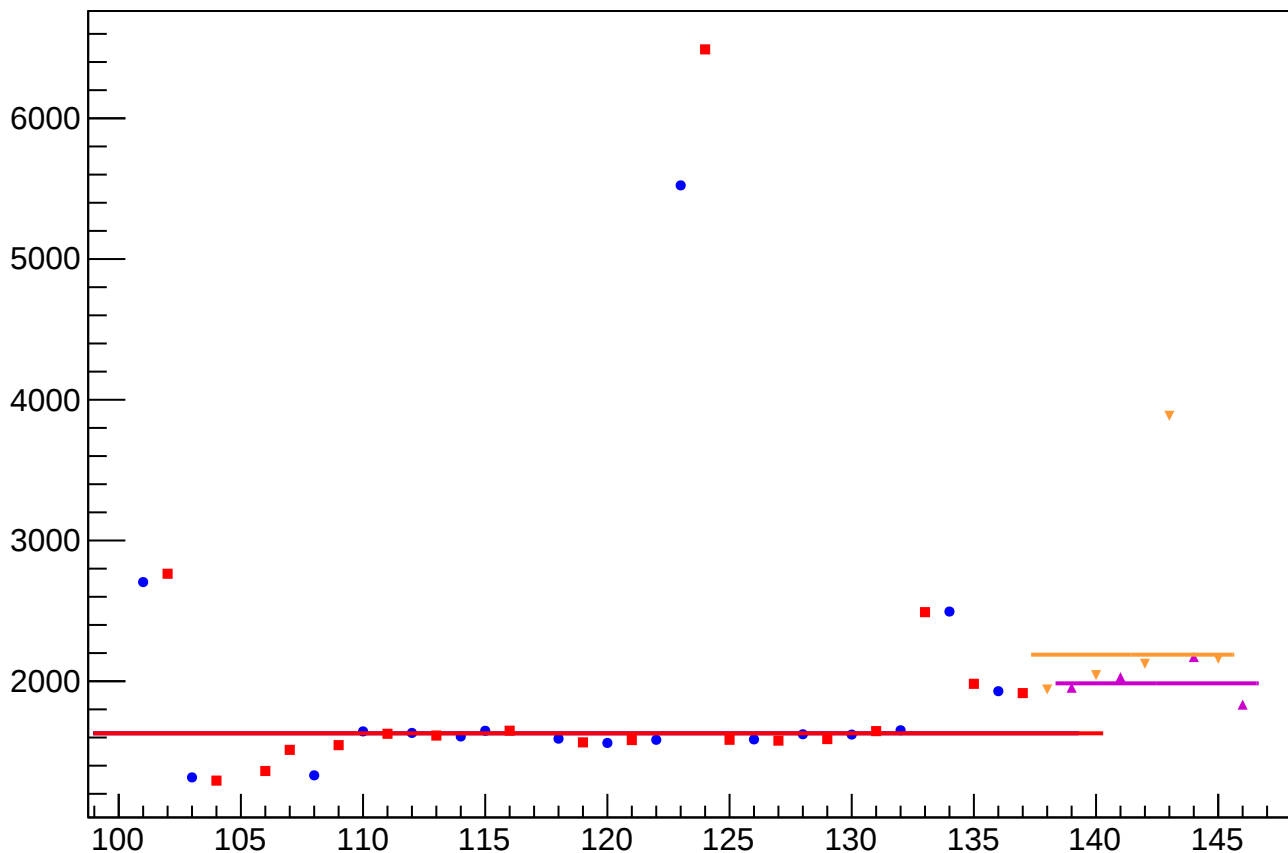
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -834.975+/-554.287 χ^2/NDF : 15.6/20

Out: 374.627+/-560.849 χ^2/NDF : 25.6/22

All: -237.291+/-394.240 χ^2/NDF : 43.5/43

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2188.725+/-0.848 χ^2/NDF : 327634.1/4

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1985.079+/-0.773 χ^2/NDF : 24981.2/3

Left: 2077.477+/-0.571 χ^2/NDF : 384089.5/8

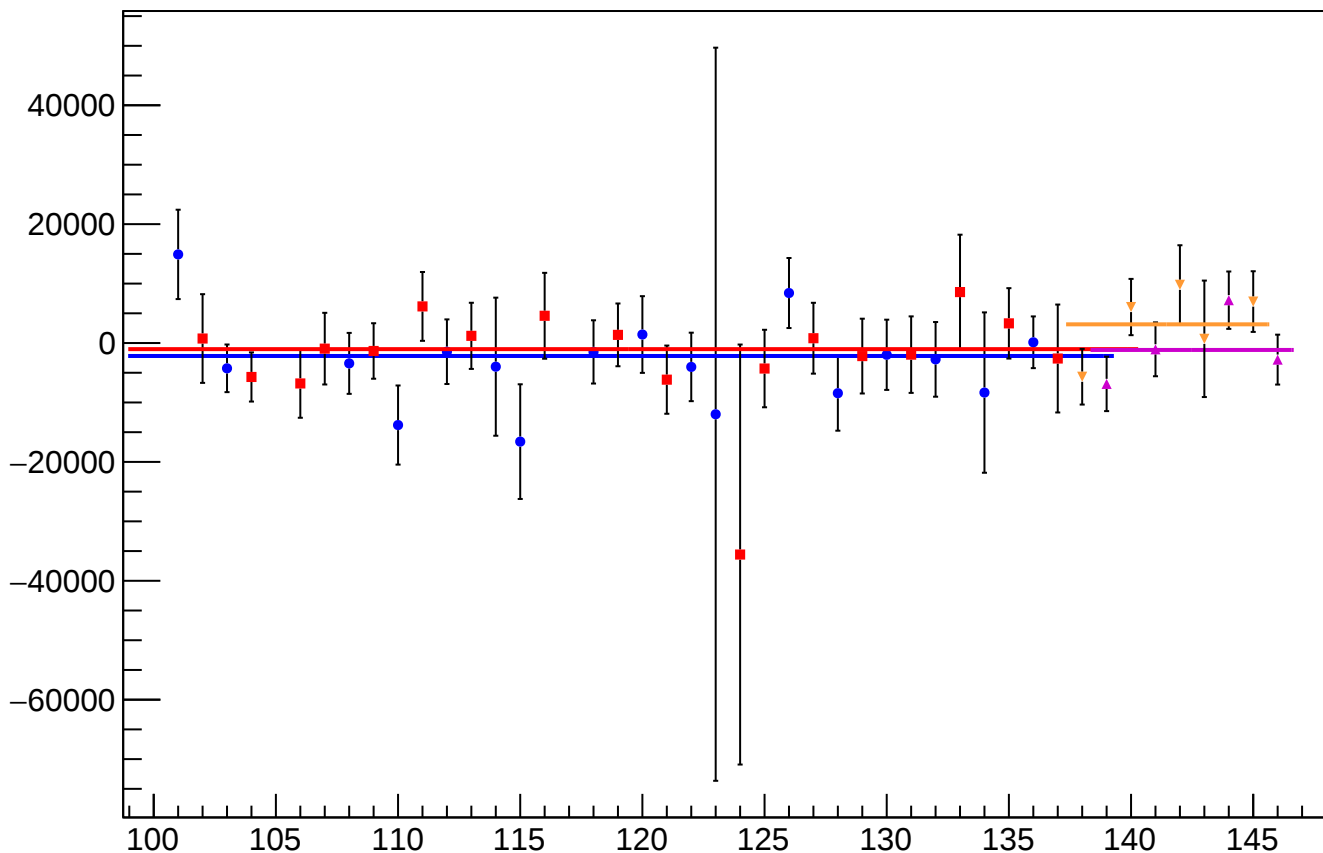
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1721.205+/-0.392 χ^2/NDF : 589878.5/20

Out: 1752.034+/-0.397 χ^2/NDF : 1224094.7/22

All: 1736.438+/-0.279 χ^2/NDF : 1817030.4/43

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 3145.333+/-2487.267 χ^2/NDF : 5.5/4

Right Out: -1026.991+/-1442.331 χ^2/NDF : 8.6/17

Left In: -1164.190+/-2258.246 χ^2/NDF : 4.7/3

Left: 783.075+/-1671.939 χ^2/NDF : 11.9/8

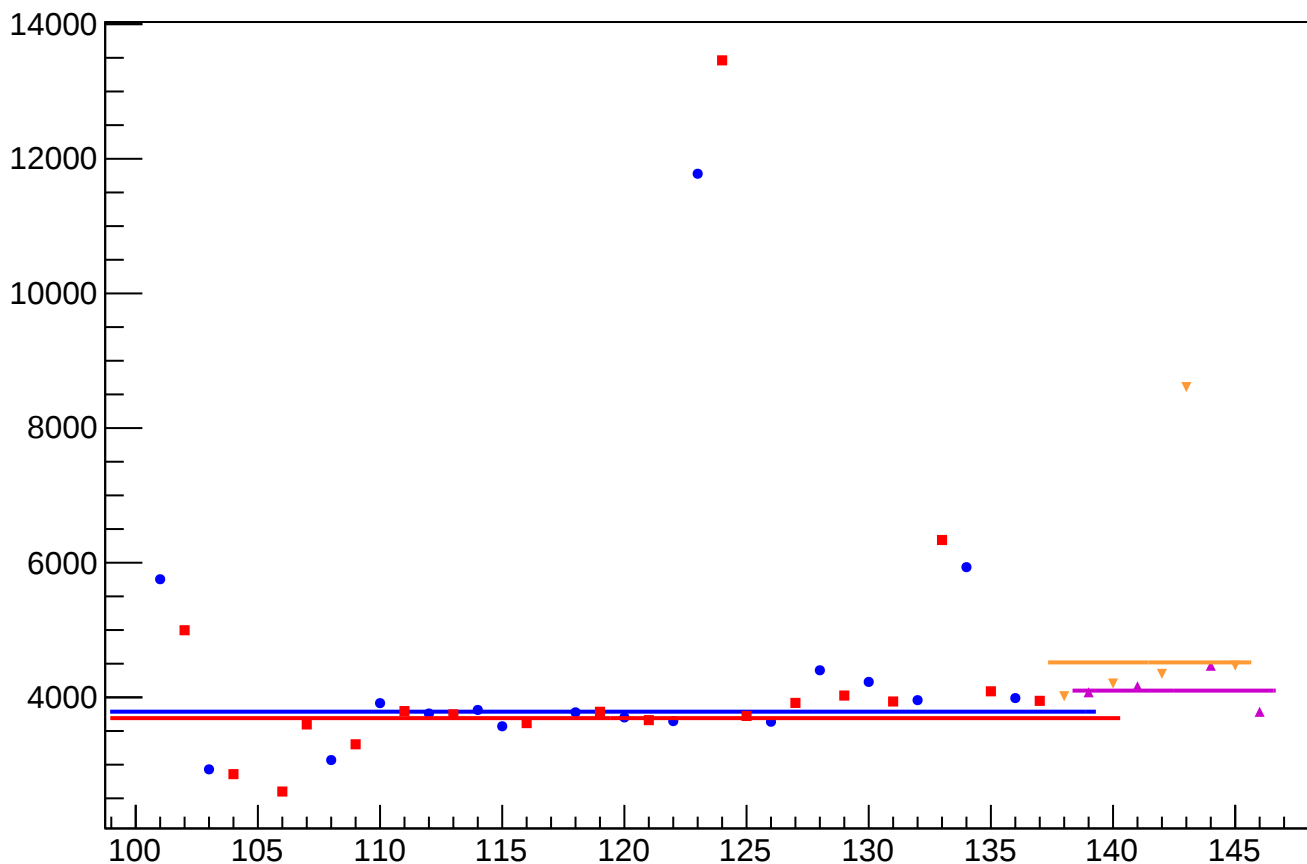
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1870.506+/-1245.438 χ^2/NDF : 20.8/20

Out: 22.961+/-1247.723 χ^2/NDF : 16.2/22

All: -925.508+/-881.464 χ^2/NDF : 38.2/43

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4519.018+/-1.759 χ^2/NDF : 381847.8/4

Right Out: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

Left In: 4100.114+/-1.597 χ^2/NDF : 23450.2/3

Left: 4289.396+/-1.182 χ^2/NDF : 436394.7/8

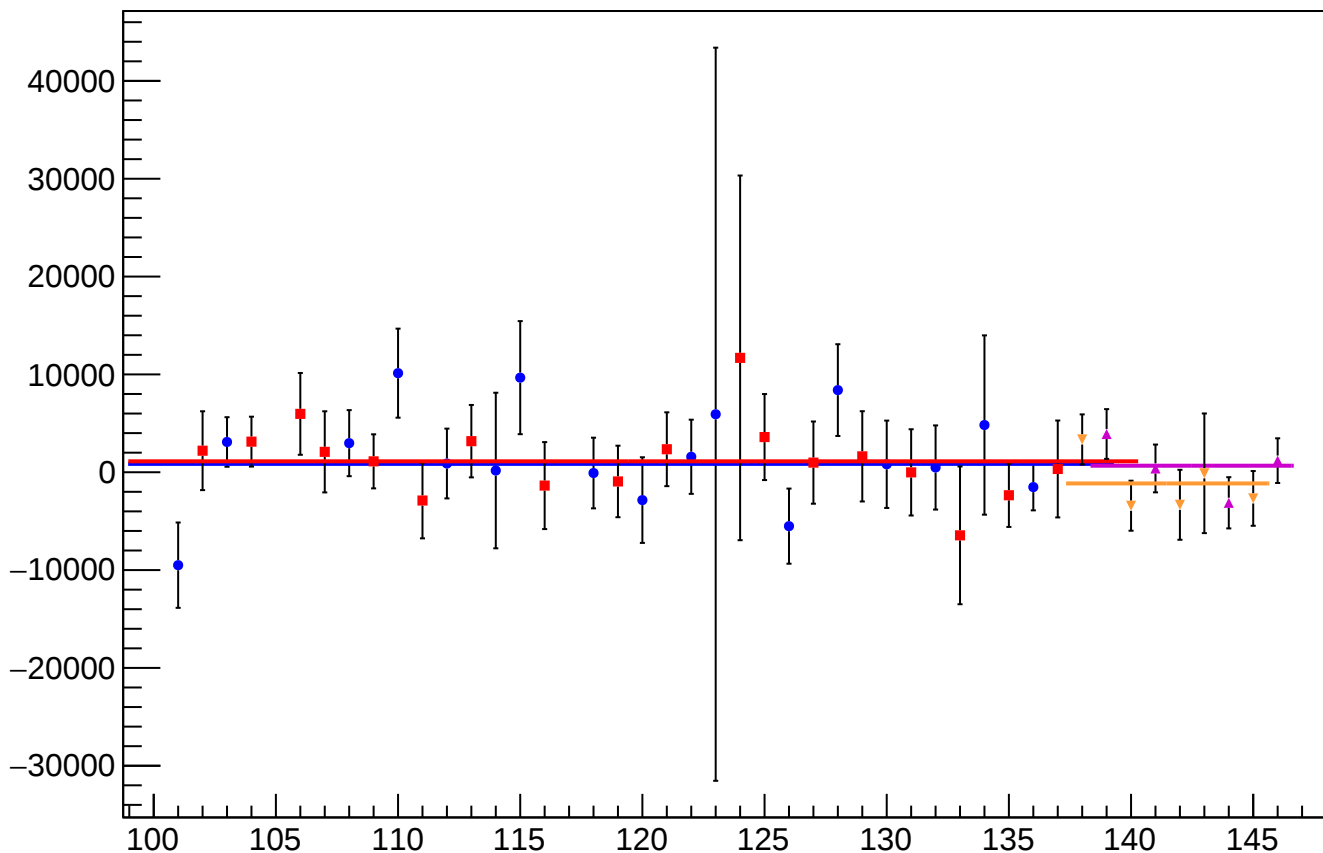
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3882.446+/-0.881 χ^2/NDF : 442804.3/20

Out: 3899.545+/-0.882 χ^2/NDF : 1102780.0/22

All: 3890.980+/-0.623 χ^2/NDF : 1545772.4/43

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1144.879+/-1362.959 χ^2/NDF : 4.6/4

Right Out: 1117.553+/-927.195 χ^2/NDF : 7.3/17

Left In: 668.181+/-1230.837 χ^2/NDF : 3.8/3

Left: -146.236+/-913.482 χ^2/NDF : 9.3/8

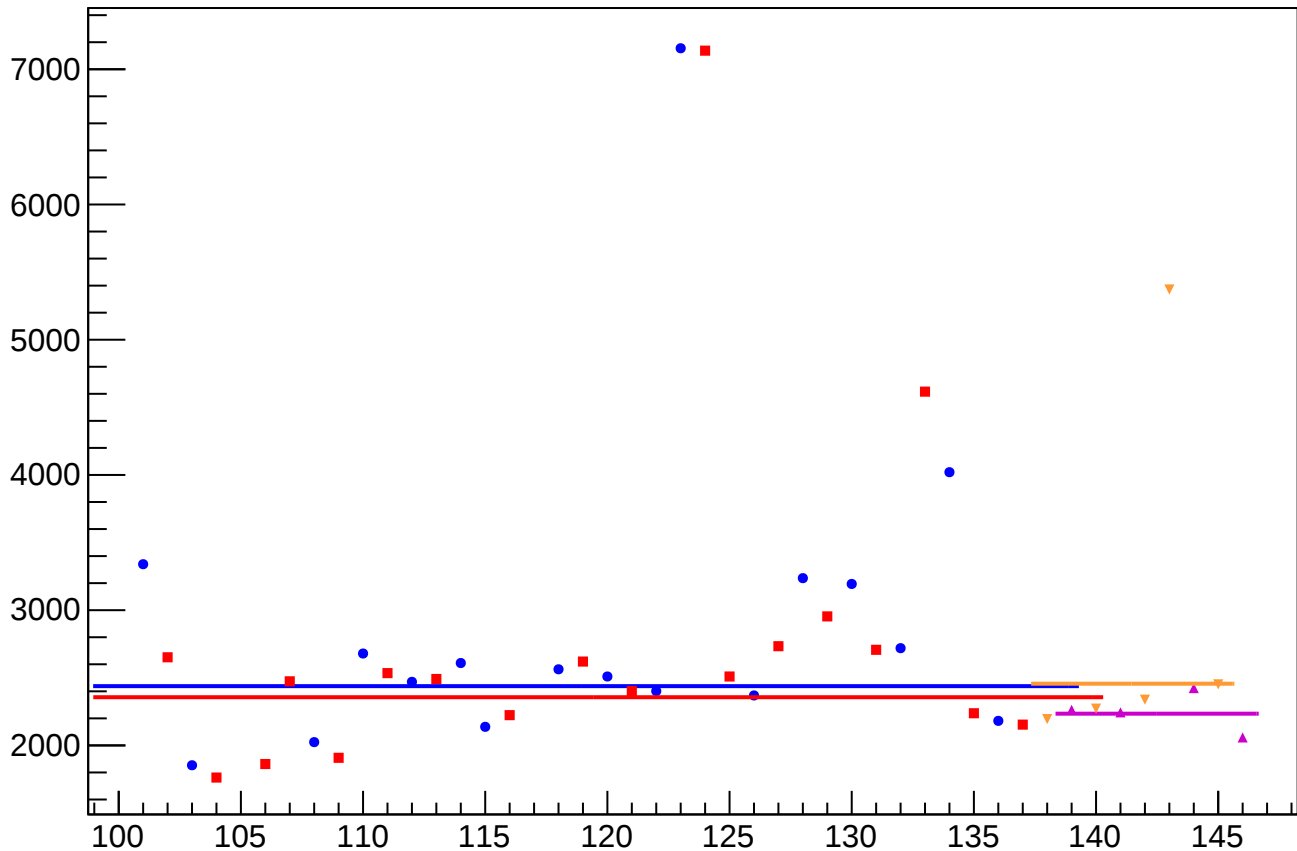
Right: 992.055+/-668.506 χ^2/NDF : 28.0/34

In: 784.639+/-759.297 χ^2/NDF : 24.5/20

Out: 401.785+/-766.622 χ^2/NDF : 13.7/22

All: 595.050+/-539.475 χ^2/NDF : 38.3/43

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2456.390 ± 0.964 χ^2/NDF : 487932.0/4

Right Out: 2356.405 ± 0.656 χ^2/NDF : 629132.8/17

Left In: 2234.695 ± 0.870 χ^2/NDF : 22579.8/3

Left: 2334.279 ± 0.646 χ^2/NDF : 539657.7/8

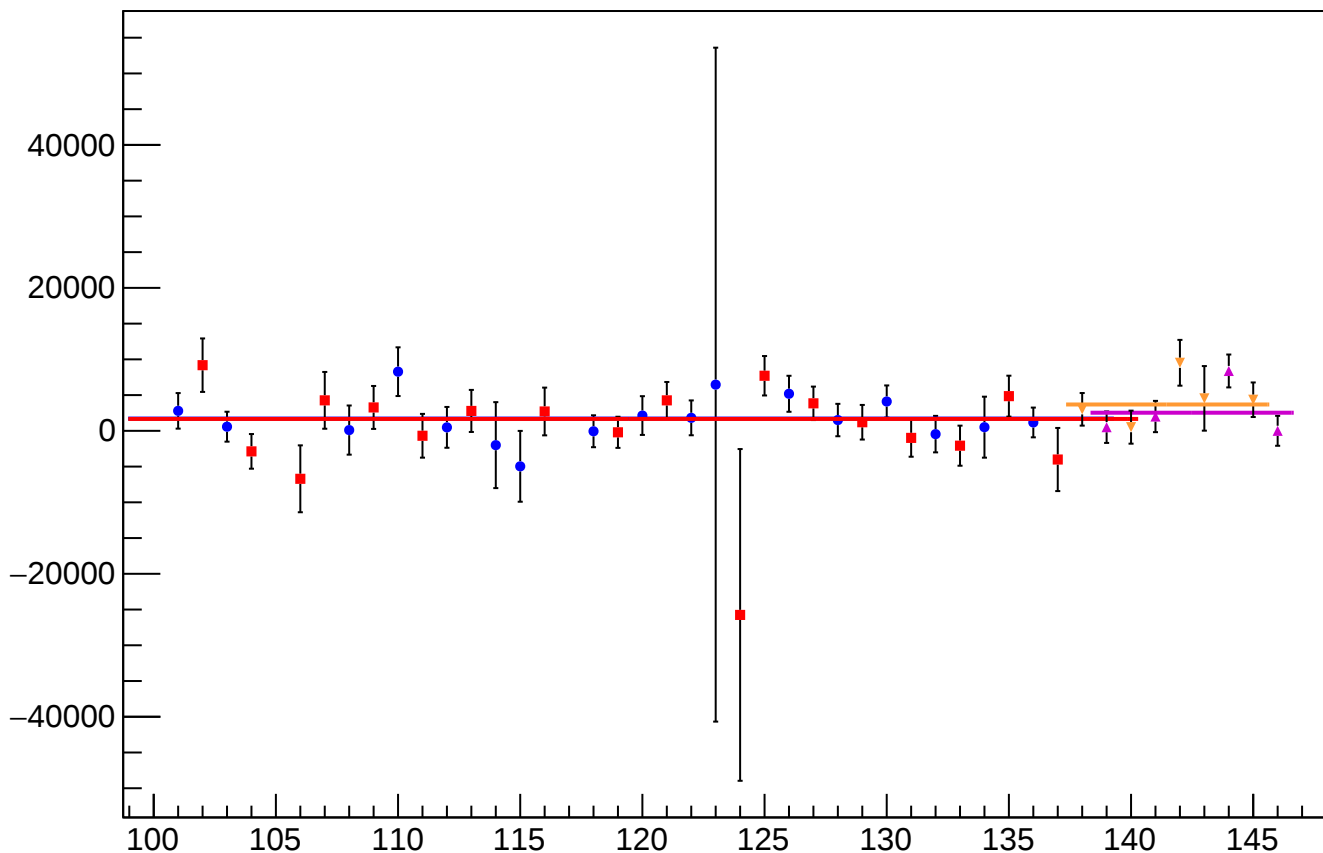
Right: 2395.716 ± 0.473 χ^2/NDF : 1113343.5/34

In: 2360.801 ± 0.537 χ^2/NDF : 533195.6/20

Out: 2388.037 ± 0.542 χ^2/NDF : 1124422.8/22

All: 2374.288 ± 0.381 χ^2/NDF : 1658892.6/43

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 3686.844+/-1197.561 χ^2/NDF : 5.4/4

Right Out: 1665.369+/-695.701 χ^2/NDF : 26.8/17

Left In: 2534.793+/-1096.385 χ^2/NDF : 8.8/3

Left: 3060.106+/-808.668 χ^2/NDF : 14.7/8

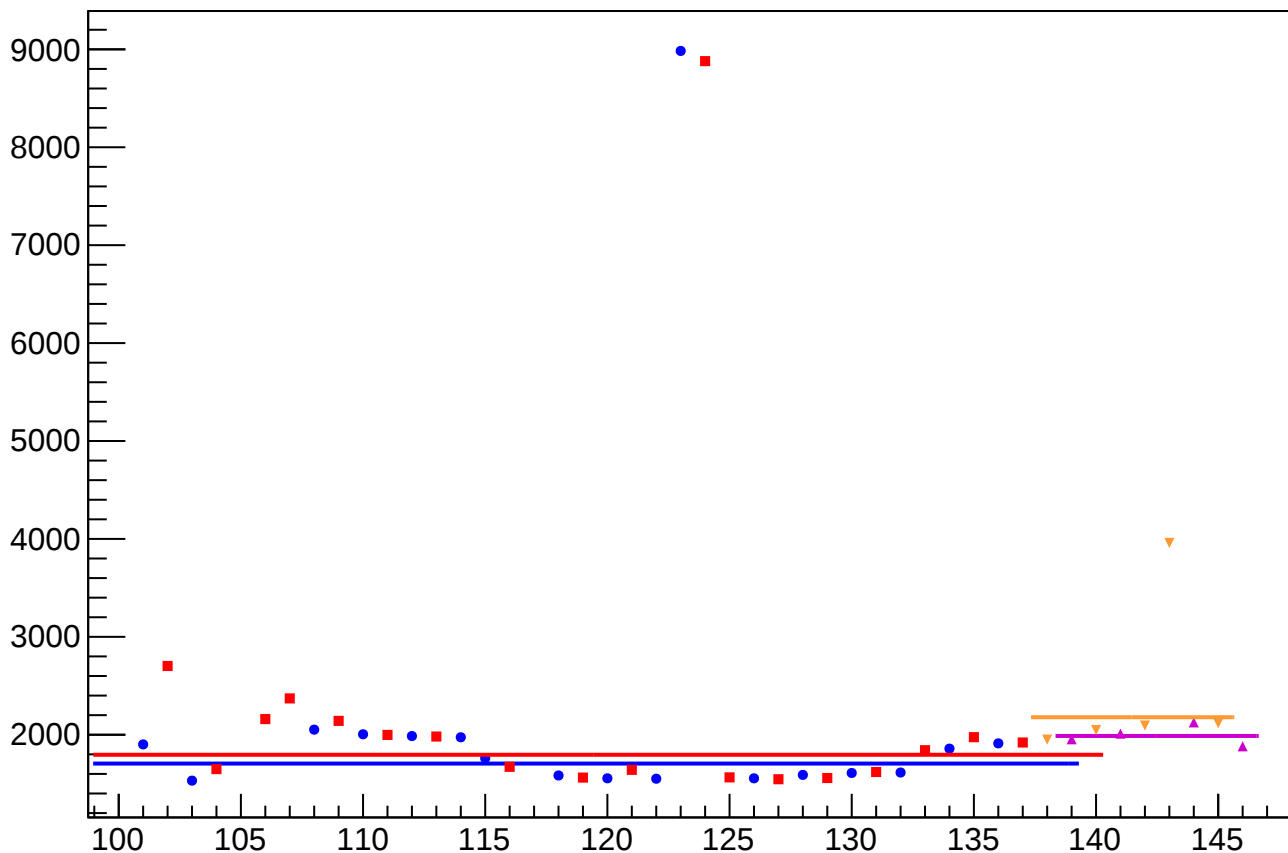
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 1934.746+/-569.928 χ^2/NDF : 20.6/20

Out: 2175.440+/-601.560 χ^2/NDF : 34.4/22

All: 2048.599+/-413.731 χ^2/NDF : 55.1/43

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2178.810+/-0.847 χ^2/NDF : 339780.7/4

Right Out: 1795.574+/-0.491 χ^2/NDF : 518805.1/17

Left In: 1987.710+/-0.775 χ^2/NDF : 13064.7/3

Left: 2074.848+/-0.572 χ^2/NDF : 380551.2/8

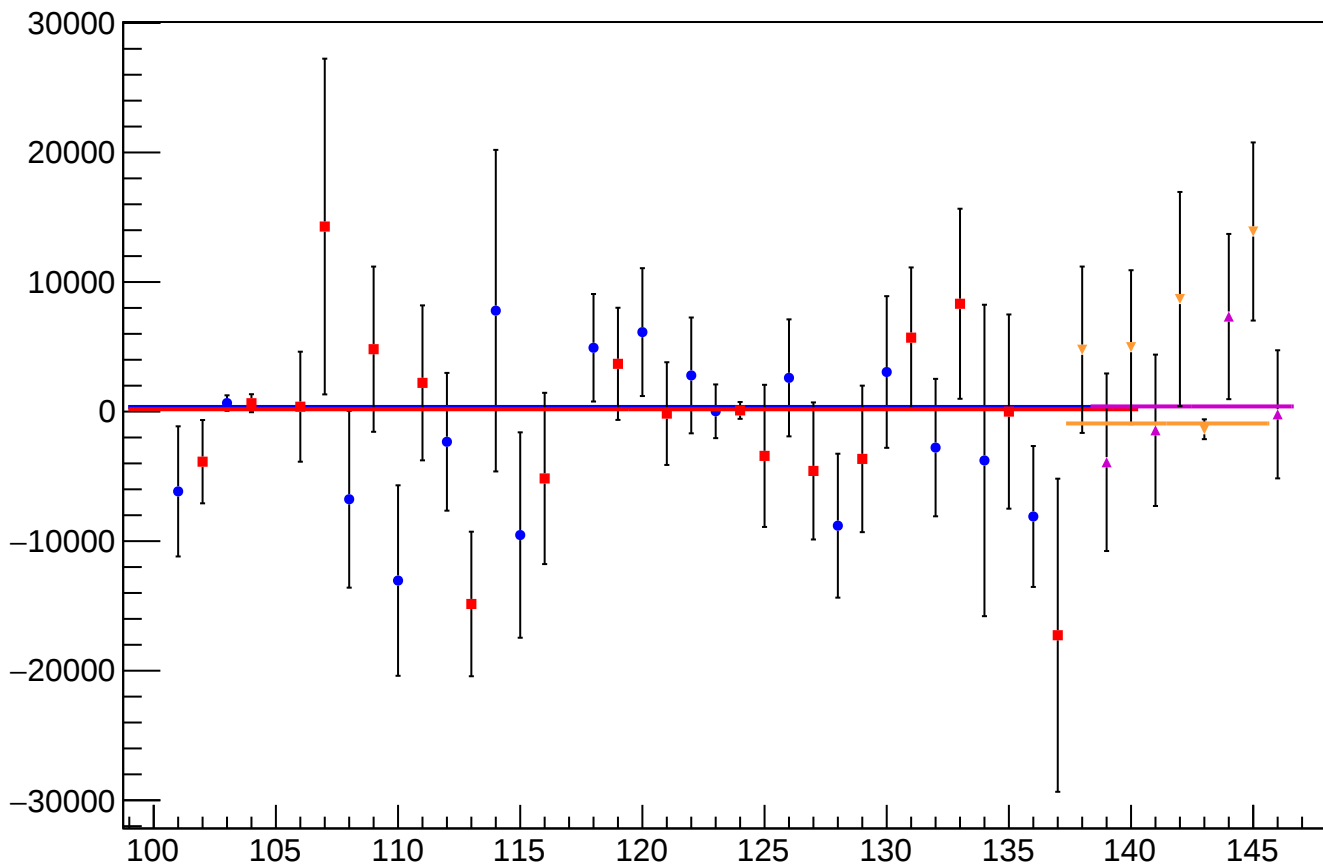
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1781.848+/-0.403 χ^2/NDF : 303857.2/20

Out: 1891.957+/-0.425 χ^2/NDF : 1011891.6/22

All: 1834.022+/-0.292 χ^2/NDF : 1351121.4/43

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -916.967 $\pm$ 746.982 χ^2 /NDF:8.1/4

Right Out: 179.185 $\pm$ 446.995 χ^2 /NDF: 18.5/17

Left In: 397.526 $\pm$ 2934.846 χ^2 /NDF:1.7/3

Left: -836.994 $\pm$ 723.902 χ^2 /NDF: 10.0/8

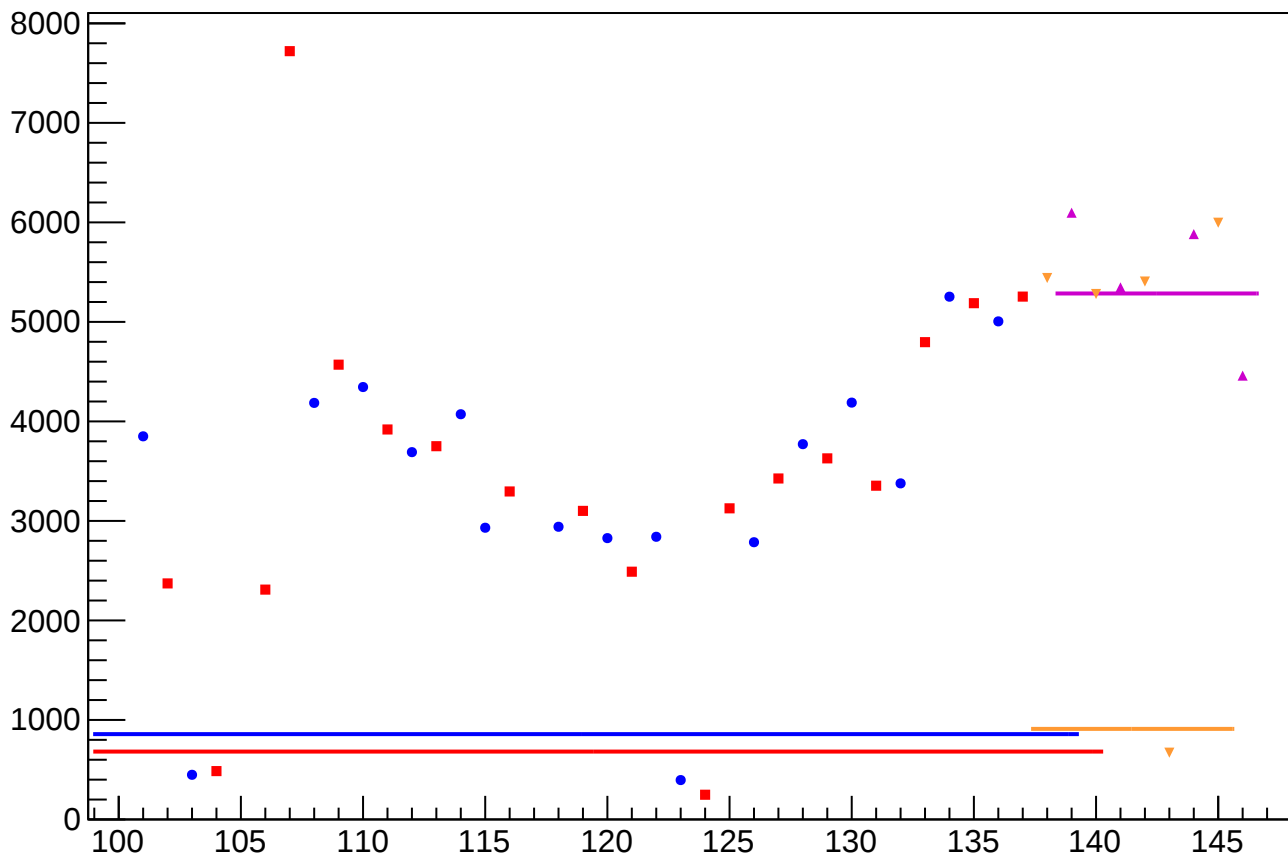
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 358.319 $\pm$ 524.621 χ^2 /NDF:19.2/20

Out: -109.837 $\pm$ 383.565 χ^2 /NDF:28.2/22

All: 53.242 $\pm$ 309.634 χ^2 /NDF: 47.9/43

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 910.157 $\pm$ 0.528 χ^2 /NDF:3960386.9/4

Right Out: 682.114 $\pm$ 0.316 χ^2 /NDF: 9378570.8/17

Left In: 5285.571 $\pm$ 2.075 χ^2 /NDF:101549.5/3

Left: 1176.357 $\pm$ 0.512 χ^2 /NDF: 8236751.2/8

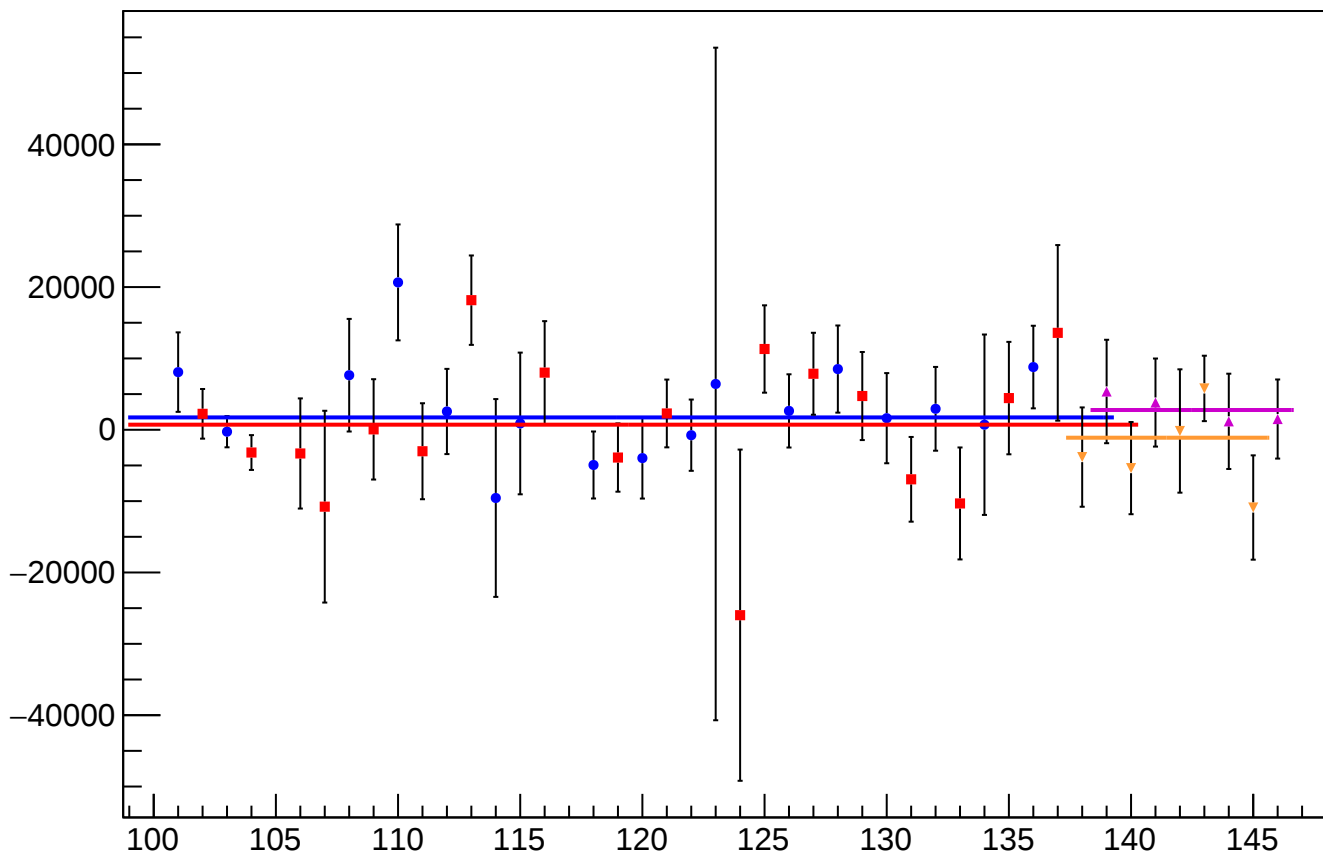
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 998.966 $\pm$ 0.371 χ^2 /NDF:12684289.0/20

Out: 742.242 $\pm$ 0.271 χ^2 /NDF:13476209.4/22

All: 831.670 $\pm$ 0.219 χ^2 /NDF: 26472595.2/43

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -1111.421+/-2836.656 χ^2/NDF : 4.7/4

Right Out: 715.502+/-1290.698 χ^2/NDF : 25.1/17

Left In: 2771.479+/-3158.281 χ^2/NDF : 0.3/3

Left: 622.311+/-2110.395 χ^2/NDF : 5.8/8

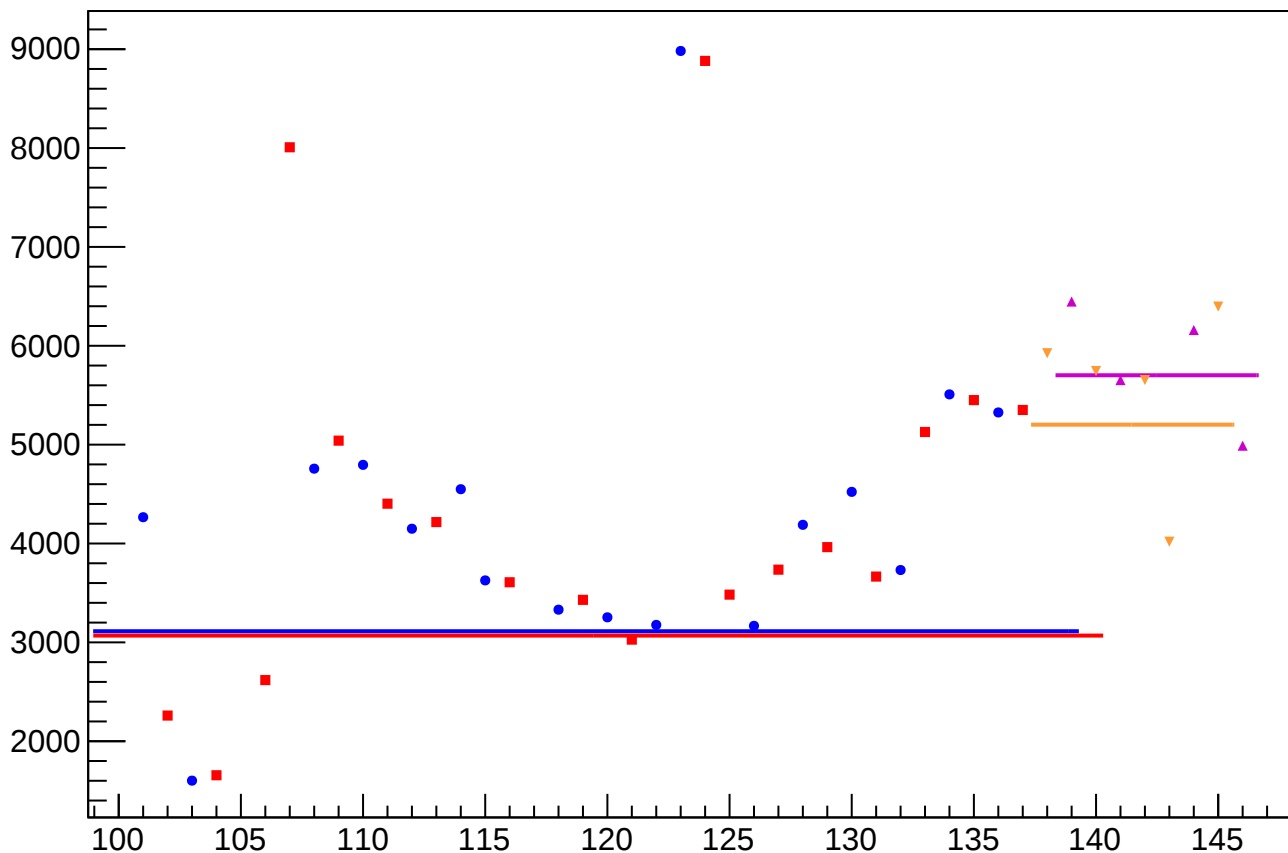
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1884.601+/-1205.784 χ^2/NDF : 15.3/20

Out: 402.146+/-1174.804 χ^2/NDF : 30.1/22

All: 1124.085+/-841.451 χ^2/NDF : 46.2/43

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5201.982+/-2.006 χ^2/NDF :227842.9/4

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

Left In: 5701.801+/-2.233 χ^2/NDF :63722.3/3

Left: 5425.154+/-1.492 χ^2/NDF : 319290.0/8

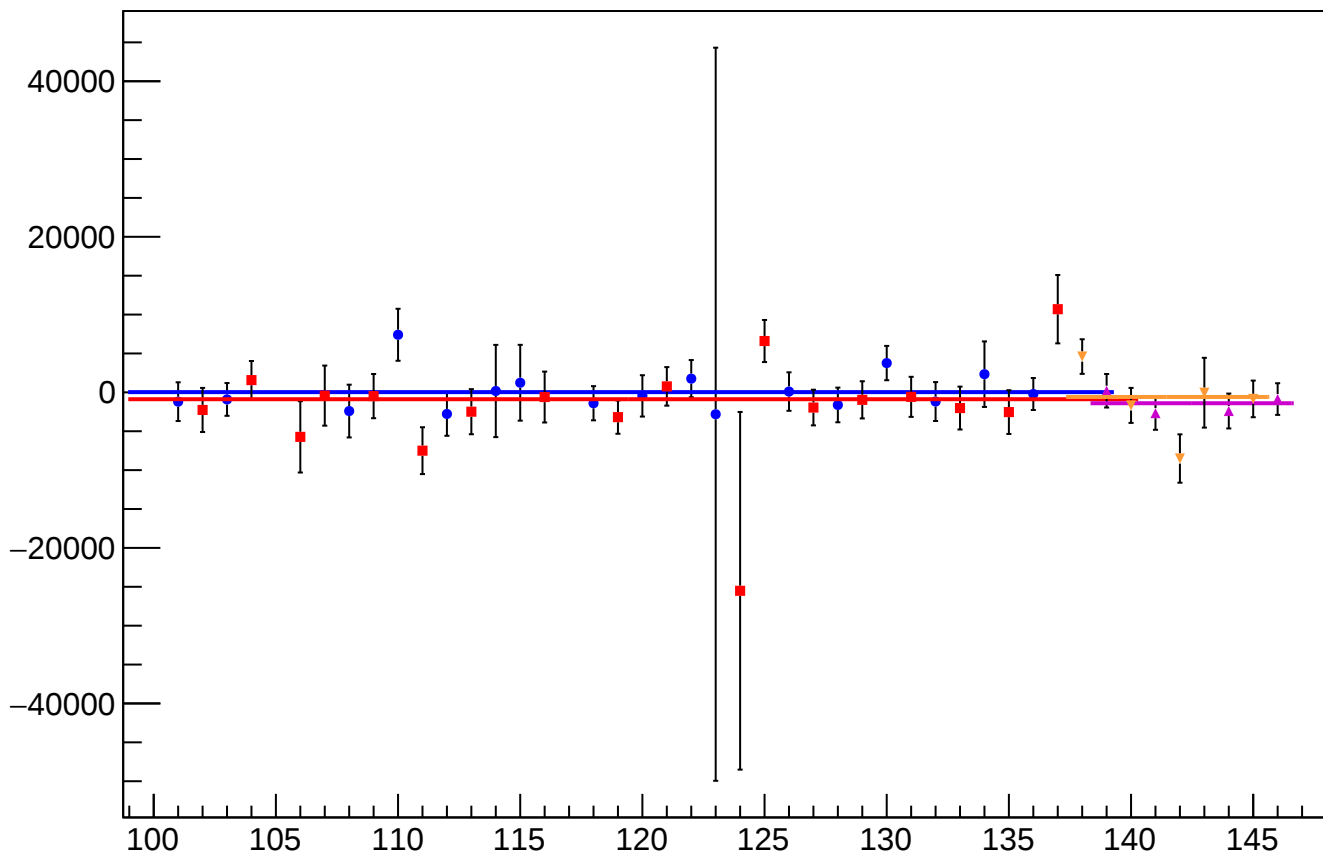
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3490.071+/-0.853 χ^2/NDF :3096418.7/20

Out: 3425.731+/-0.821 χ^2/NDF :3171327.5/22

All: 3456.672+/-0.591 χ^2/NDF : 6270702.2/43

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -594.327+/-1168.141 χ^2/NDF :12.2/4

Right Out: -882.685+/-674.623 χ^2/NDF : 25.6/17

Left In: -1400.220+/-1069.894 χ^2/NDF :1.2/3

Left: -1032.583+/-788.980 χ^2/NDF : 13.6/8

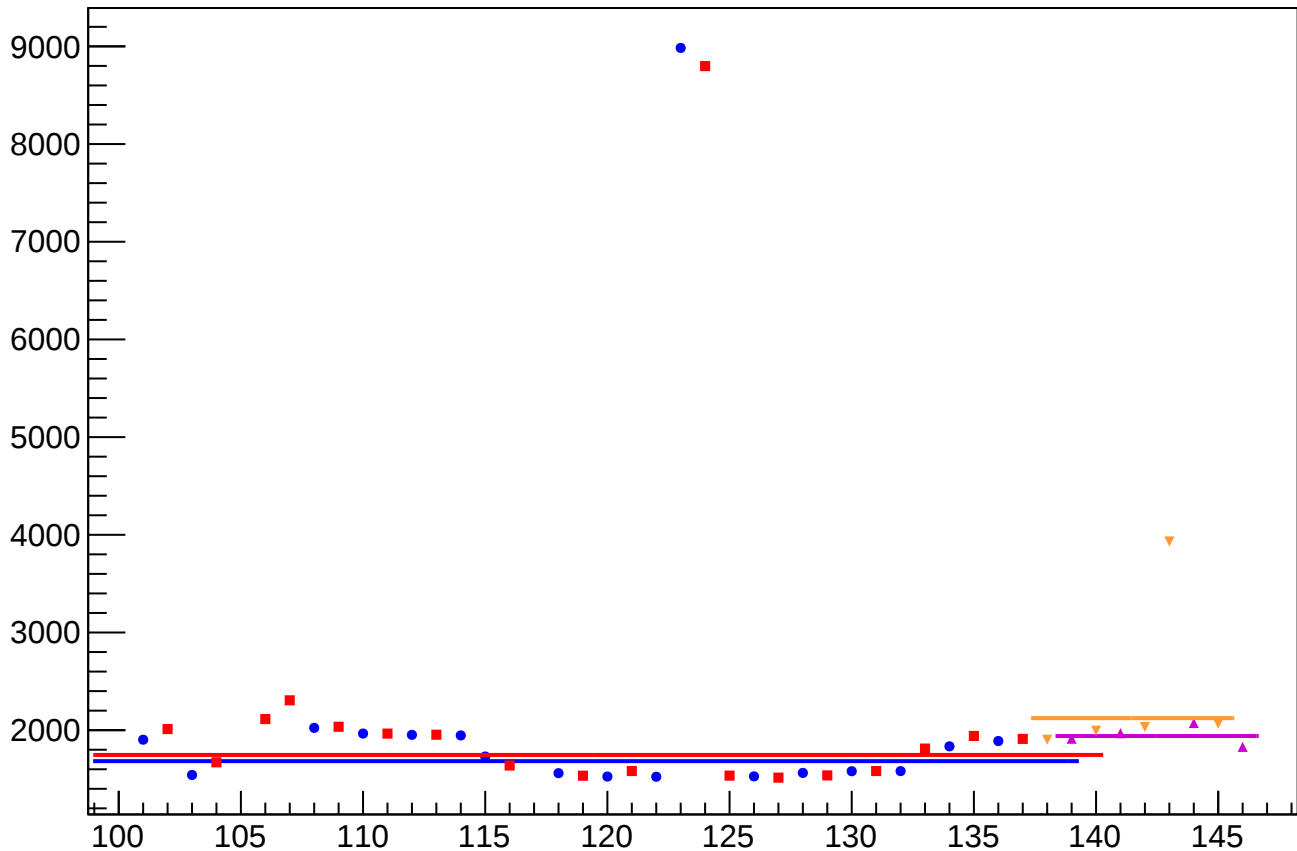
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -363.507+/-560.733 χ^2/NDF :14.3/20

Out: -810.564+/-584.198 χ^2/NDF :37.9/22

All: -577.877+/-404.539 χ^2/NDF : 52.5/43

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2123.166+/-0.826 χ^2/NDF : 354114.9/4

Right Out: 1746.802+/-0.476 χ^2/NDF : 406724.0/17

Left In: 1940.252+/-0.757 χ^2/NDF : 13651.0/3

Left: 2023.695+/-0.558 χ^2/NDF : 394433.5/8

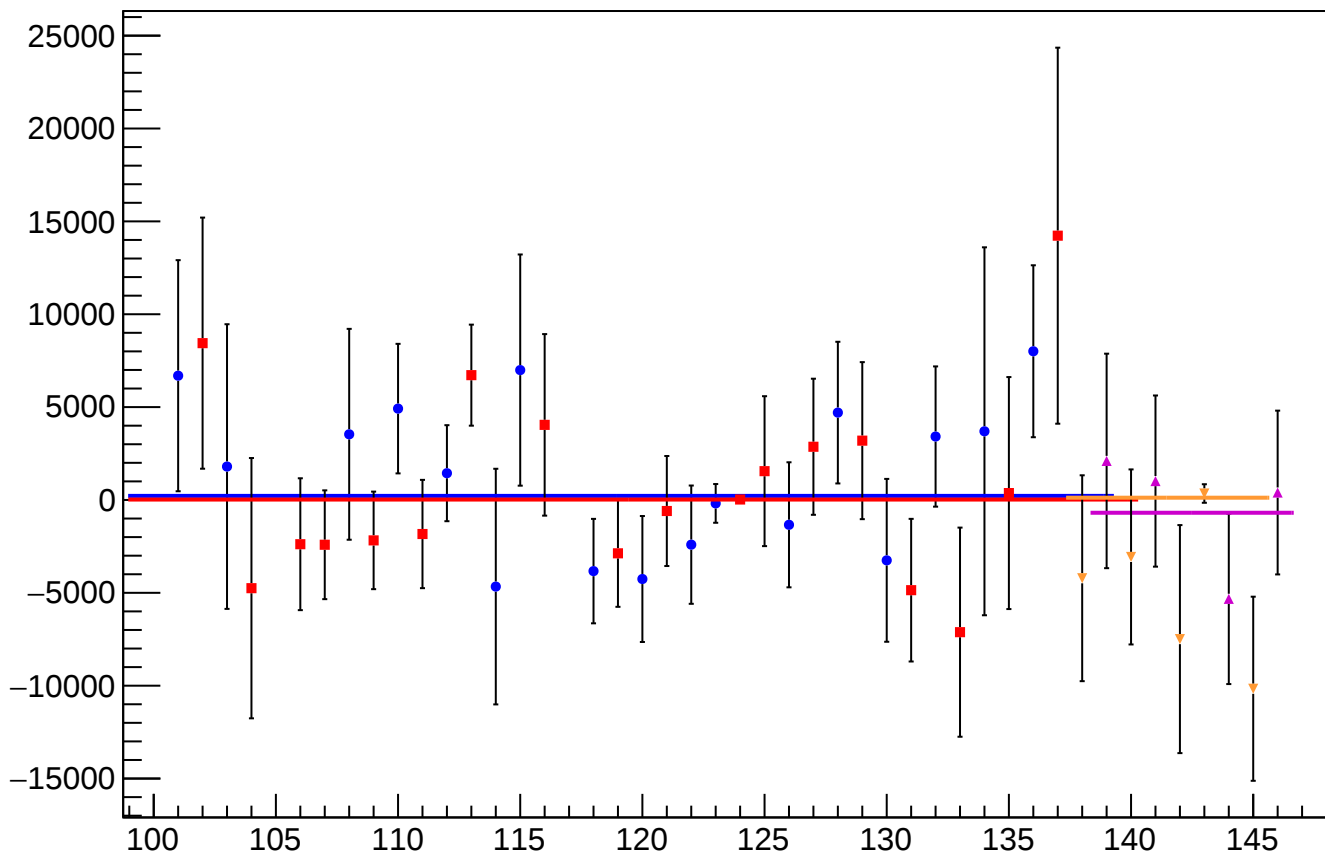
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1753.753+/-0.396 χ^2/NDF : 293295.1/20

Out: 1840.623+/-0.412 χ^2/NDF : 916698.4/22

All: 1795.480+/-0.286 χ^2/NDF : 1233050.8/43

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 121.896 $\pm$ 490.508 χ^2 /NDF: 7.1/4

Right Out: 21.945 $\pm$ 114.135 χ^2 /NDF: 18.6/17

Left In: -688.987 $\pm$ 2383.650 χ^2 /NDF: 1.5/3

Left: 88.954 $\pm$ 480.442 χ^2 /NDF: 8.7/8

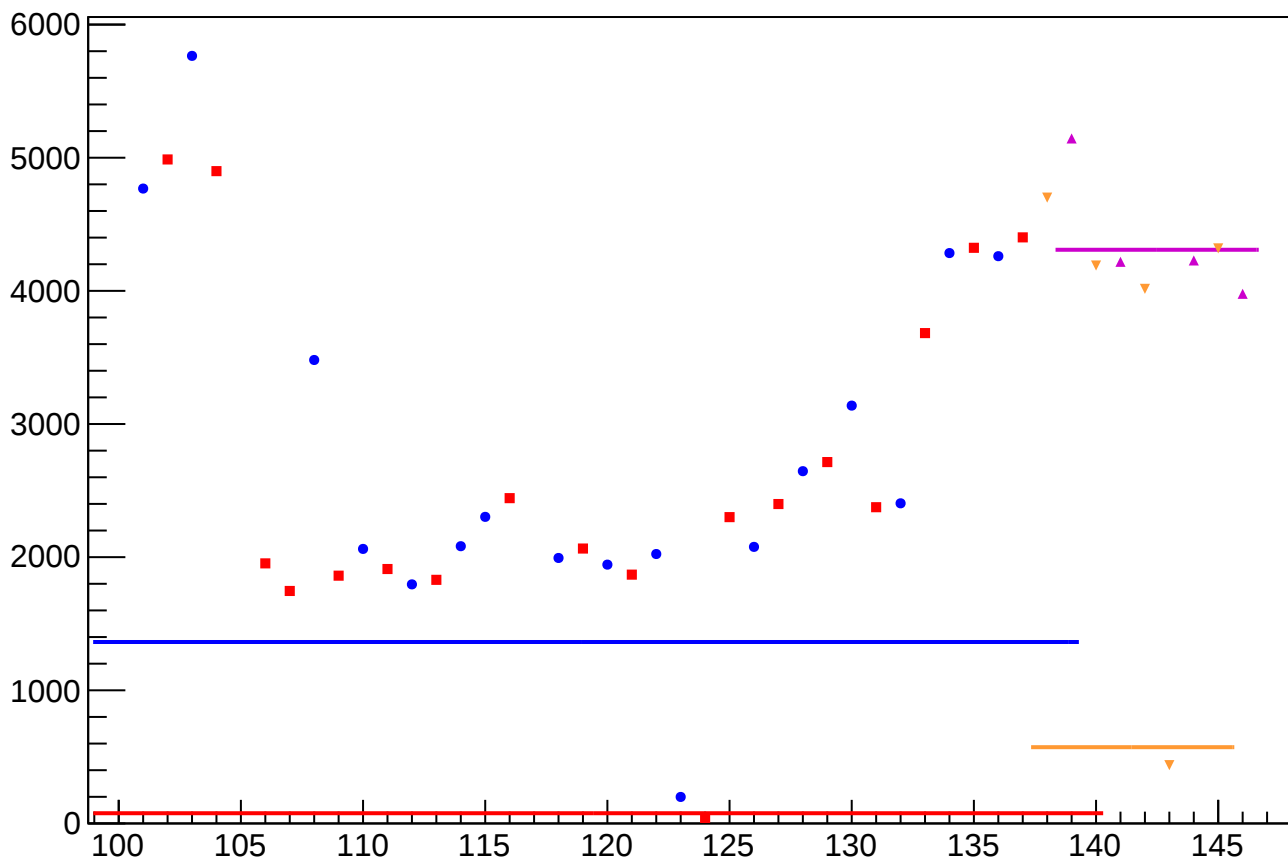
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 143.647 $\pm$ 690.046 χ^2 /NDF: 17.4/20

Out: 27.078 $\pm$ 111.166 χ^2 /NDF: 25.7/22

All: 30.027 $\pm$ 109.751 χ^2 /NDF: 43.2/43

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 572.803 $\pm$ 0.347 χ^2/NDF : 4205132.2/4

Right Out: 76.832 $\pm$ 0.081 χ^2/NDF : 13114372.5/17

Left In: 4308.677 $\pm$ 1.685 χ^2/NDF : 54545.1/3

Left: 724.574 $\pm$ 0.340 χ^2/NDF : 8972896.0/8

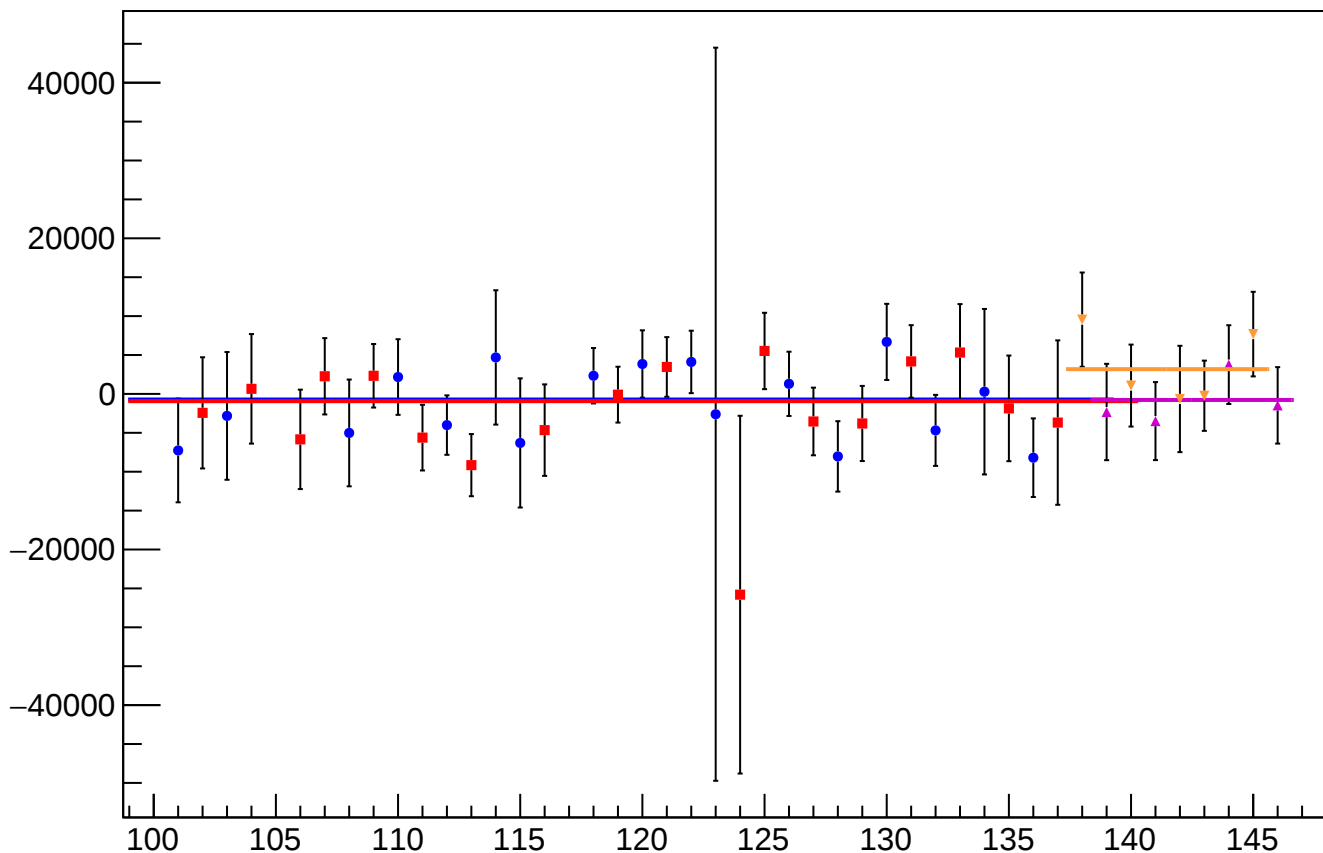
Right: 108.278 $\pm$ 0.080 χ^2/NDF : 25558892.3/34

In: 1609.718 $\pm$ 0.488 χ^2/NDF : 9089047.9/20

Out: 102.306 $\pm$ 0.079 χ^2/NDF : 19259276.8/22

All: 140.438 $\pm$ 0.078 χ^2/NDF : 37651053.4/43

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 3180.742+/-2442.517 χ^2/NDF : 2.8/4

Right Out: -931.712+/-1194.458 χ^2/NDF : 14.9/17

Left In: -778.054+/-2614.087 χ^2/NDF : 1.2/3

Left: 1335.511+/-1784.694 χ^2/NDF : 5.2/8

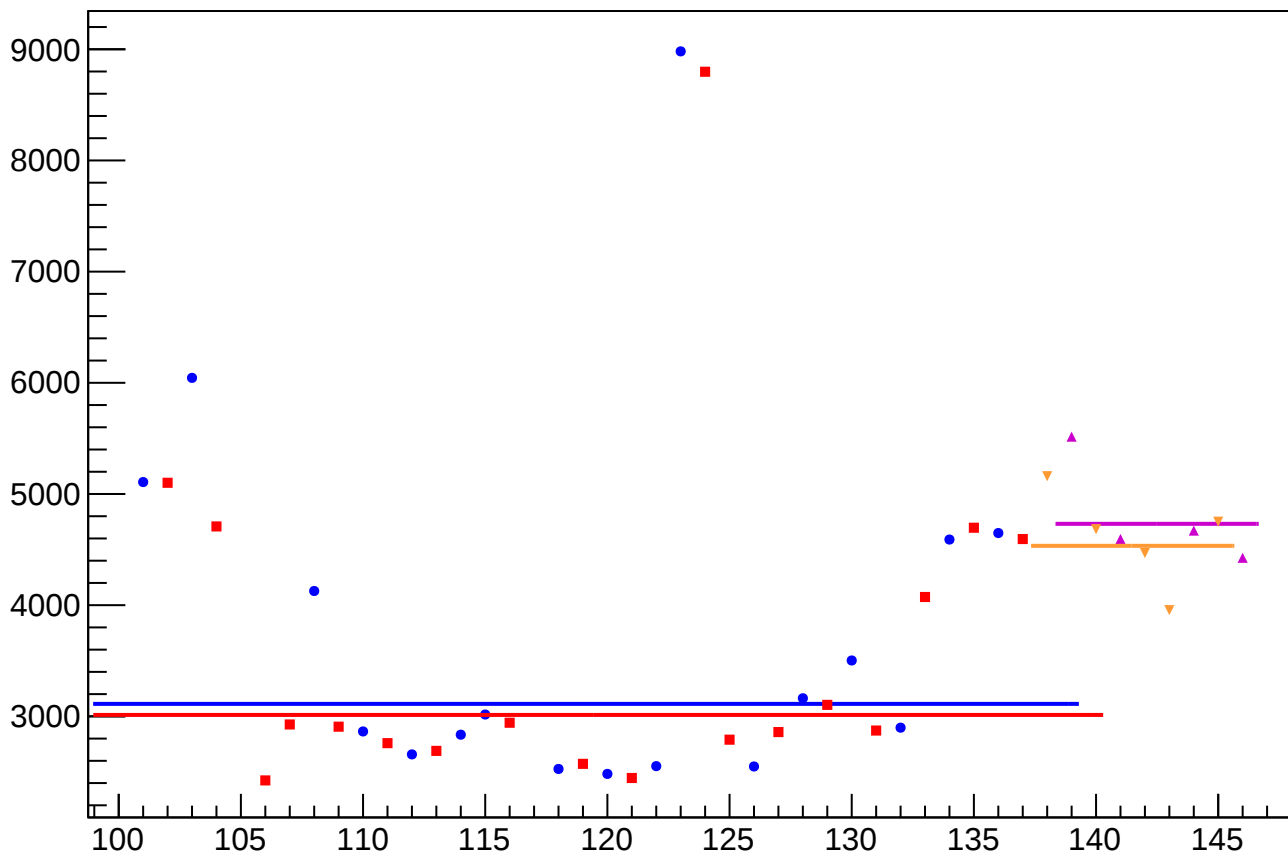
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -732.045+/-1129.553 χ^2/NDF : 15.9/20

Out: -138.034+/-1073.024 χ^2/NDF : 20.0/22

All: -419.804+/-777.959 χ^2/NDF : 36.1/43

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4533.852 $\pm$ 1.727 χ^2/NDF : 59172.1/4

Right Out: 3012.763 $\pm$ 0.834 χ^2/NDF : 774261.7/17

Left In: 4731.637 $\pm$ 1.848 χ^2/NDF : 41567.3/3

Left: 4626.041 $\pm$ 1.262 χ^2/NDF : 106852.0/8

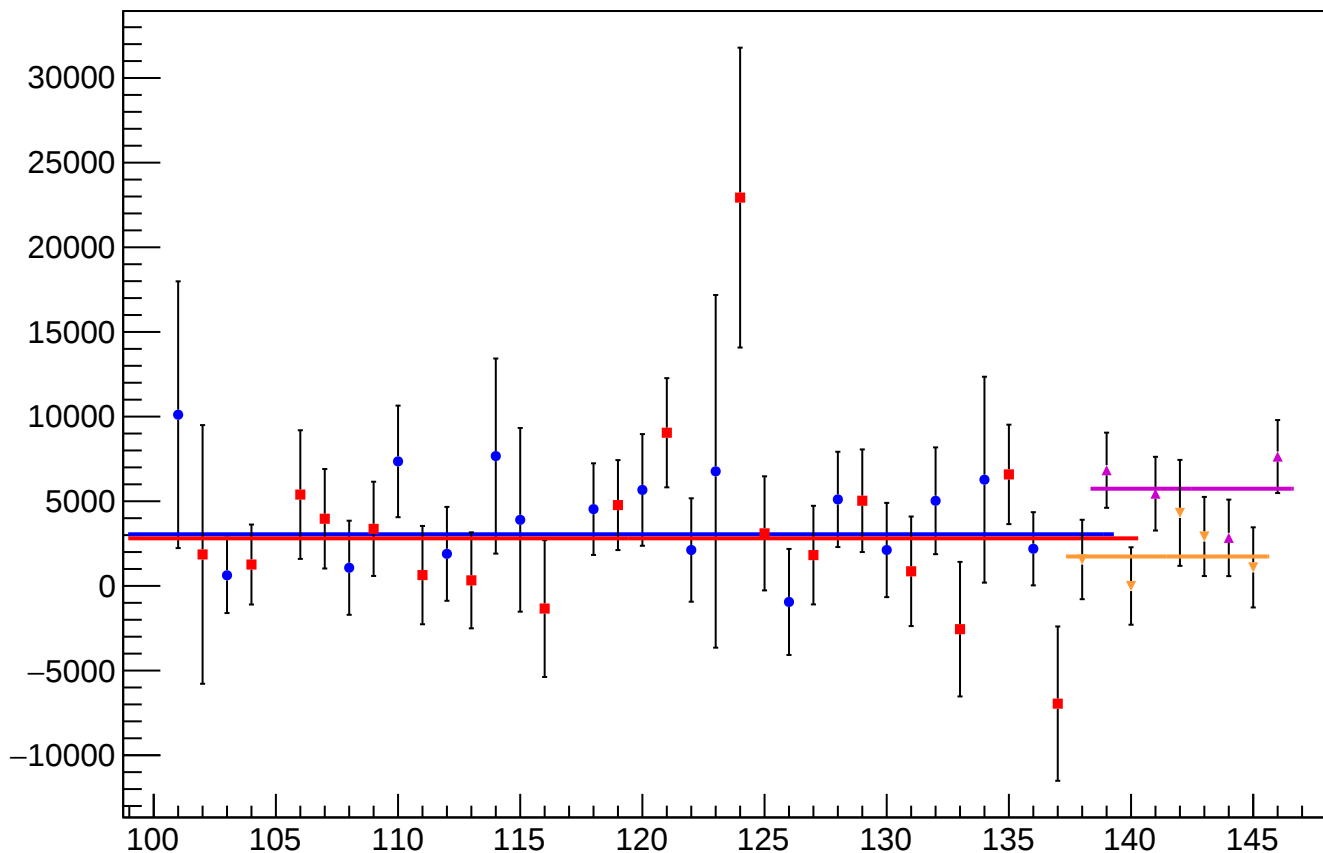
Right: 3059.514 $\pm$ 0.607 χ^2/NDF : 1739444.6/34

In: 3414.592 $\pm$ 0.799 χ^2/NDF : 1624297.1/20

Out: 3300.399 $\pm$ 0.751 χ^2/NDF : 1462407.2/22

All: 3353.987 $\pm$ 0.547 χ^2/NDF : 3097552.9/43

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1736.674+/-1093.280 χ^2/NDF : 1.6/4

Right Out: 2809.116+/-766.213 χ^2/NDF : 22.0/17

Left In: 5740.507+/-1101.025 χ^2/NDF : 2.7/3

Left: 3724.459+/-775.790 χ^2/NDF : 10.9/8

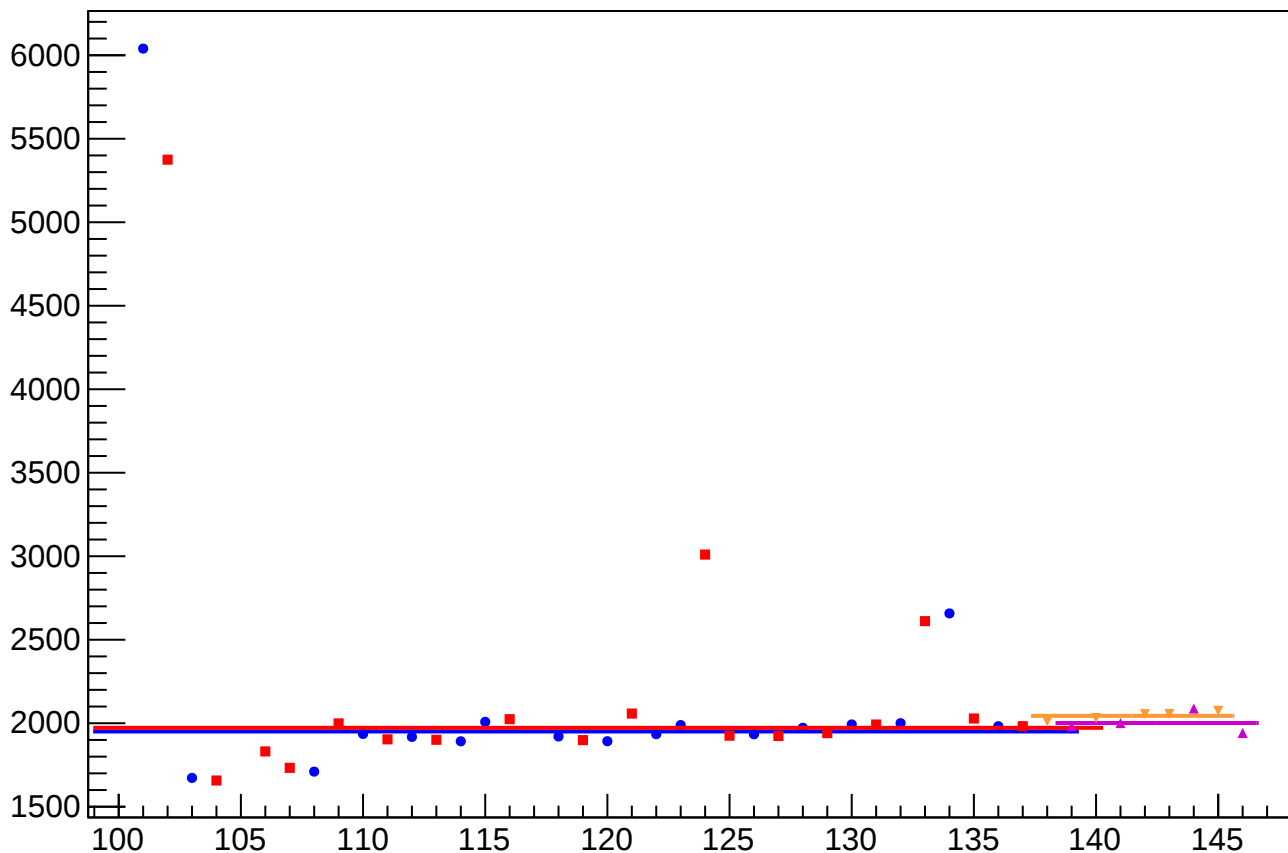
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3936.652+/-632.277 χ^2/NDF : 16.0/20

Out: 2455.867+/-627.459 χ^2/NDF : 24.3/22

All: 3190.596+/-445.374 χ^2/NDF : 43.0/43

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2044.299 $\pm$ 0.773 χ^2 /NDF:858.3/4

Right Out: 1972.726 $\pm$ 0.541 χ^2 /NDF: 535670.1/17

Left In: 2001.460 $\pm$ 0.779 χ^2 /NDF:4619.3/3

Left: 2023.031 $\pm$ 0.549 χ^2 /NDF: 7002.1/8

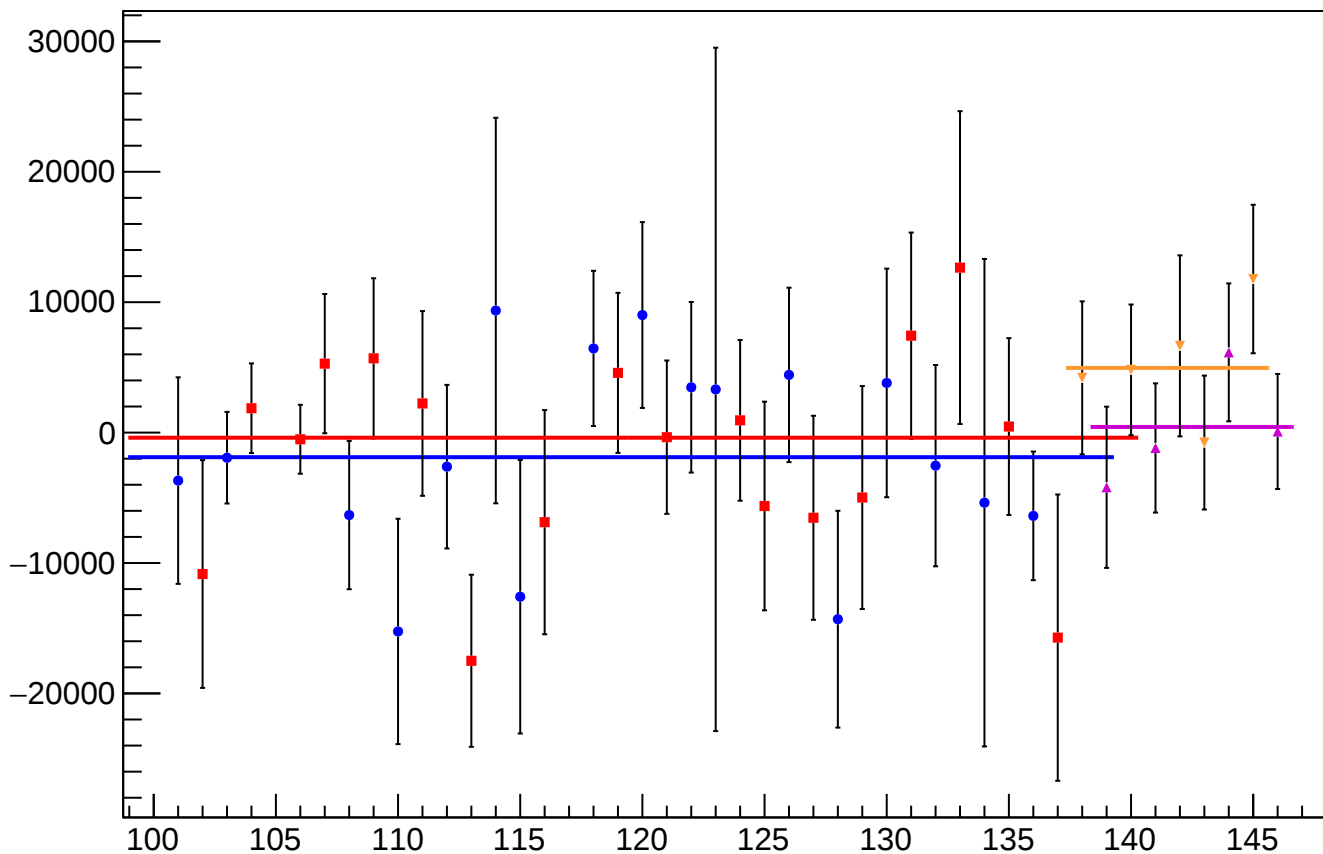
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1967.434 $\pm$ 0.447 χ^2 /NDF:622634.7/20

Out: 1996.282 $\pm$ 0.443 χ^2 /NDF:542279.0/22

All: 1981.974 $\pm$ 0.315 χ^2 /NDF: 1167012.1/43

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4961.854 $\pm$ 2512.232 χ^2 /NDF: 2.8/4

Right Out: -391.453 $\pm$ 1361.685 χ^2 /NDF: 17.6/17

Left In: 433.278 $\pm$ 2547.675 χ^2 /NDF: 1.8/3

Left: 2729.286 $\pm$ 1788.815 χ^2 /NDF: 6.2/8

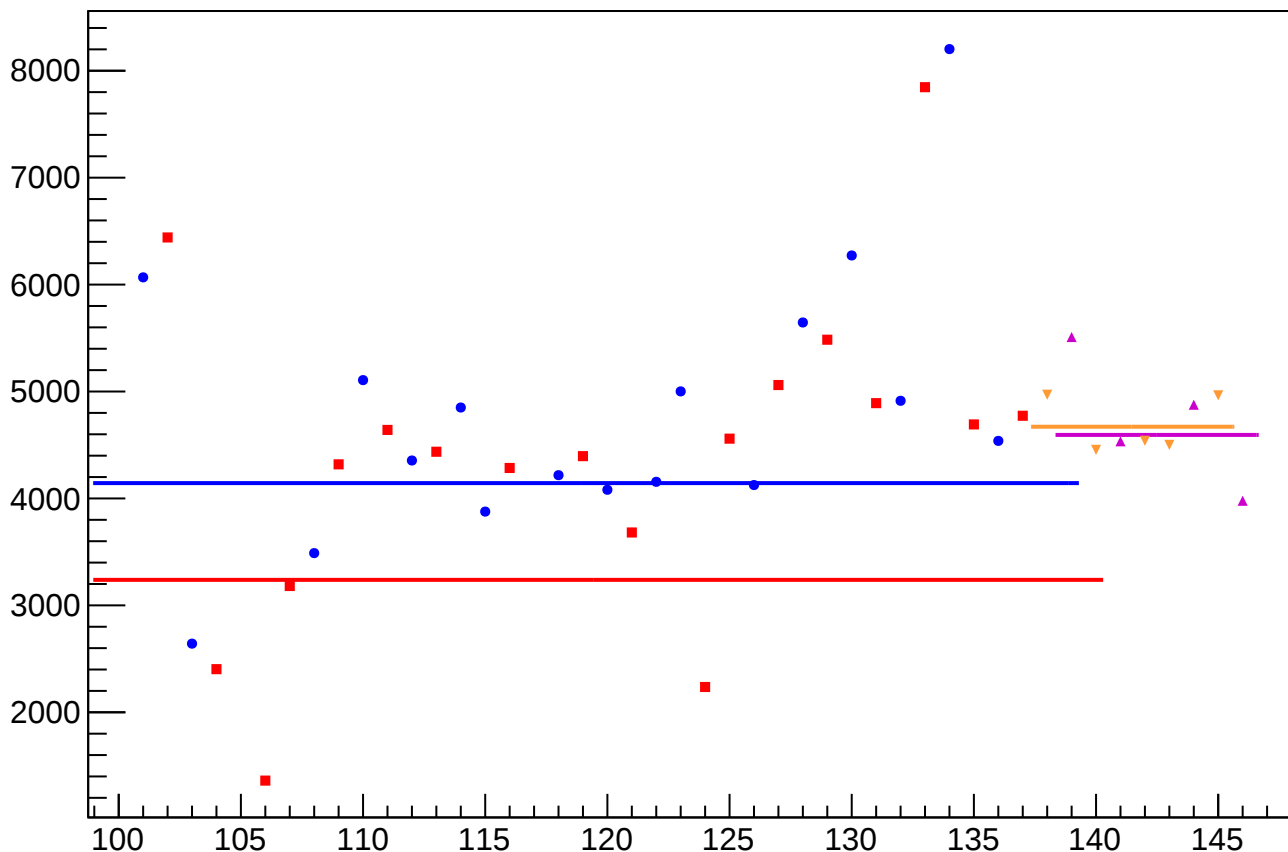
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -1195.479 $\pm$ 1389.626 χ^2 /NDF: 16.5/20

Out: 824.154 $\pm$ 1197.141 χ^2 /NDF: 23.8/22

All: -36.207 $\pm$ 906.988 χ^2 /NDF: 41.6/43

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4670.642+/-1.776 χ^2/NDF : 17153.7/4

Right Out: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

Left In: 4594.103+/-1.801 χ^2/NDF : 88819.4/3

Left: 4632.908+/-1.265 χ^2/NDF : 106888.3/8

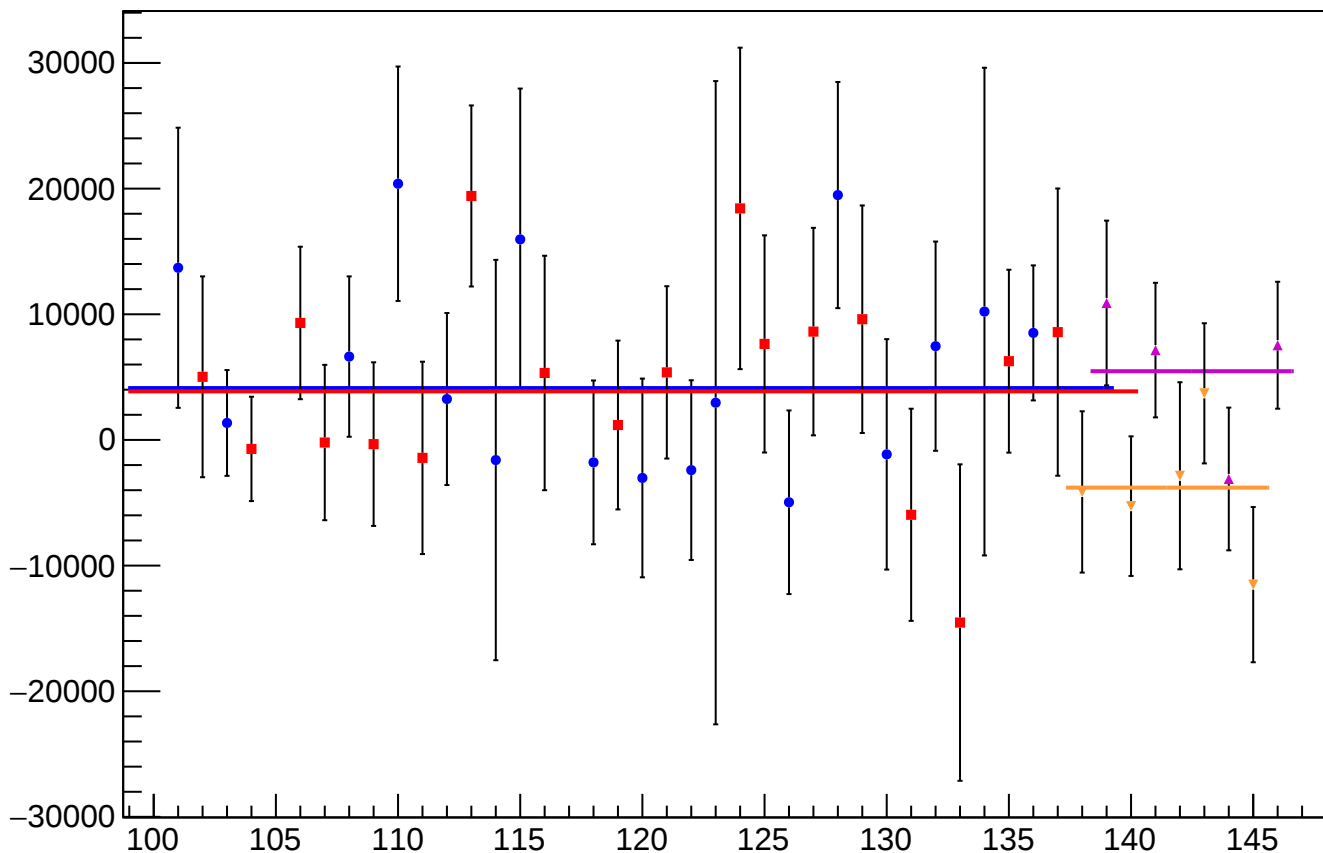
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4277.545+/-0.983 χ^2/NDF : 988747.1/20

Out: 3563.775+/-0.847 χ^2/NDF : 3101415.4/22

All: 3867.840+/-0.641 χ^2/NDF : 4393038.8/43

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -3795.280+/-2741.213 χ^2/NDF : 3.5/4

Right Out: 3866.479+/-1727.484 χ^2/NDF : 14.3/17

Left In: 5469.066+/-2791.218 χ^2/NDF : 3.2/3

Left: 753.165+/-1955.770 χ^2/NDF : 12.3/8

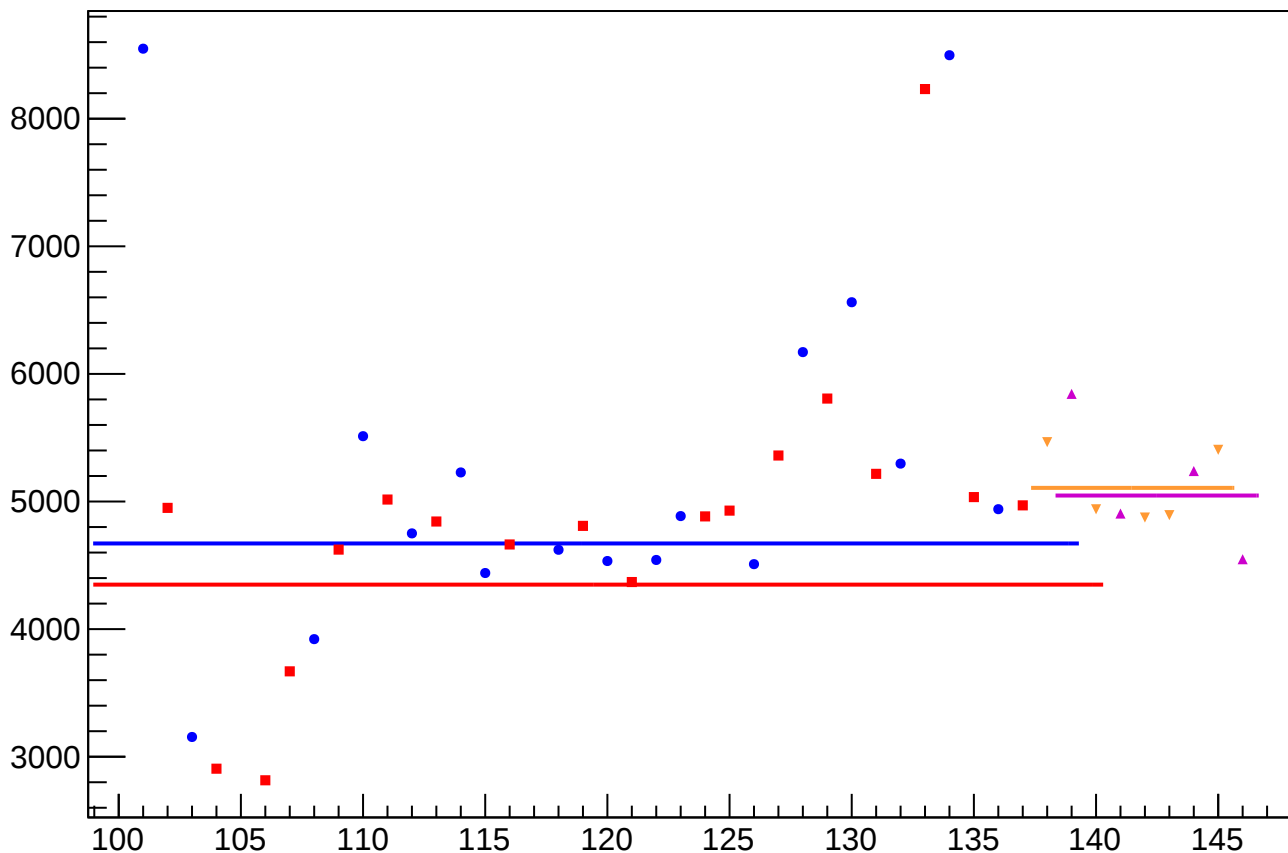
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 4540.380+/-1549.584 χ^2/NDF : 17.1/20

Out: 1688.612+/-1461.485 χ^2/NDF : 23.3/22

All: 3031.128+/-1063.207 χ^2/NDF : 42.2/43

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5106.963+/-1.938 χ^2/NDF : 17607.3/4

Right Out: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

Left In: 5046.922+/-1.974 χ^2/NDF : 52750.8/3

Left: 5077.485+/-1.383 χ^2/NDF : 70829.2/8

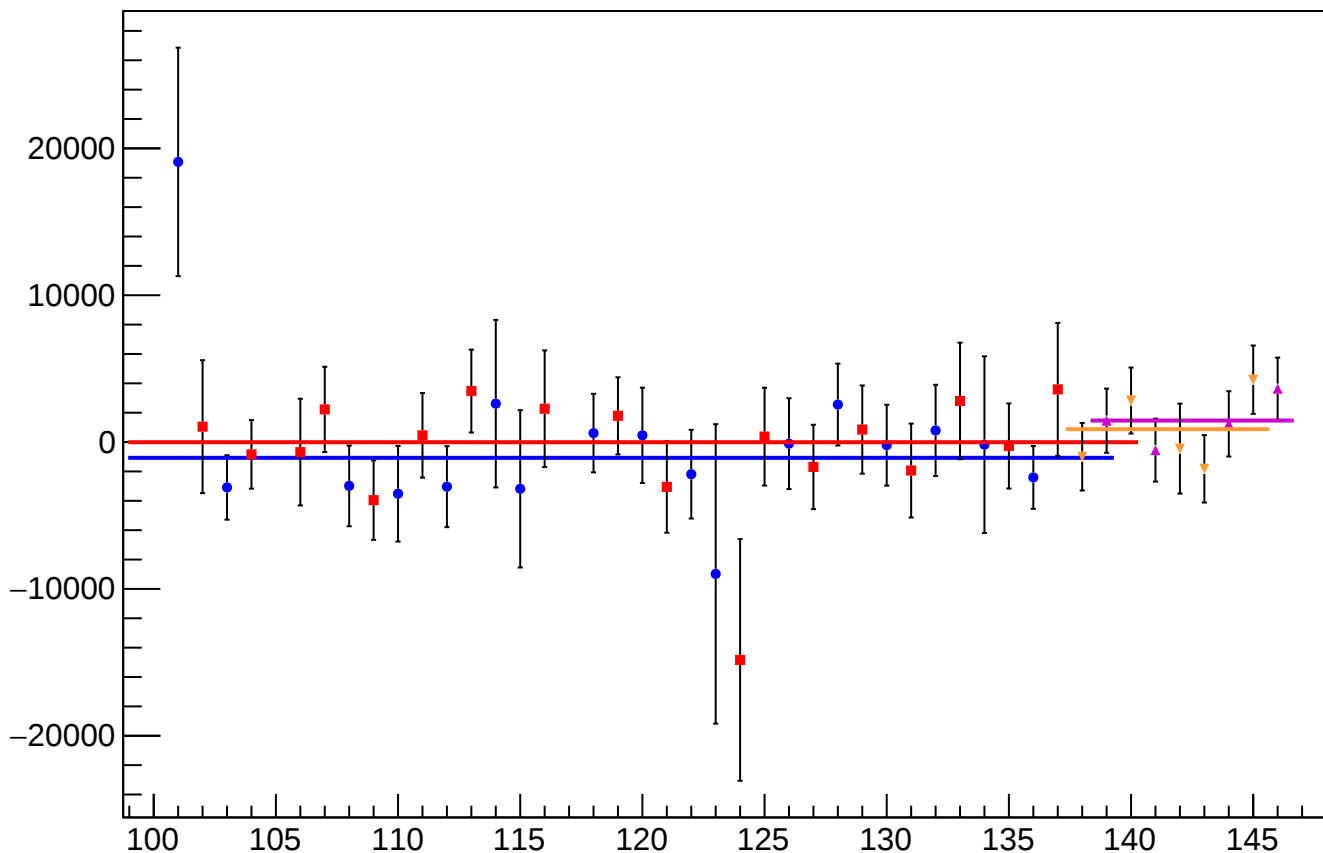
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4787.083+/-1.096 χ^2/NDF : 863916.7/20

Out: 4562.462+/-1.029 χ^2/NDF : 919921.5/22

All: 4667.740+/-0.750 χ^2/NDF : 1806165.8/43

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 878.279 ± 1073.458 $\chi^2/\text{NDF}: 5.1/4$

Right Out: -8.910 ± 748.092 $\chi^2/\text{NDF}: 11.4/17$

Left In: 1466.296 ± 1082.629 $\chi^2/\text{NDF}: 2.0/3$

Left: 1169.786 ± 762.271 $\chi^2/\text{NDF}: 7.2/8$

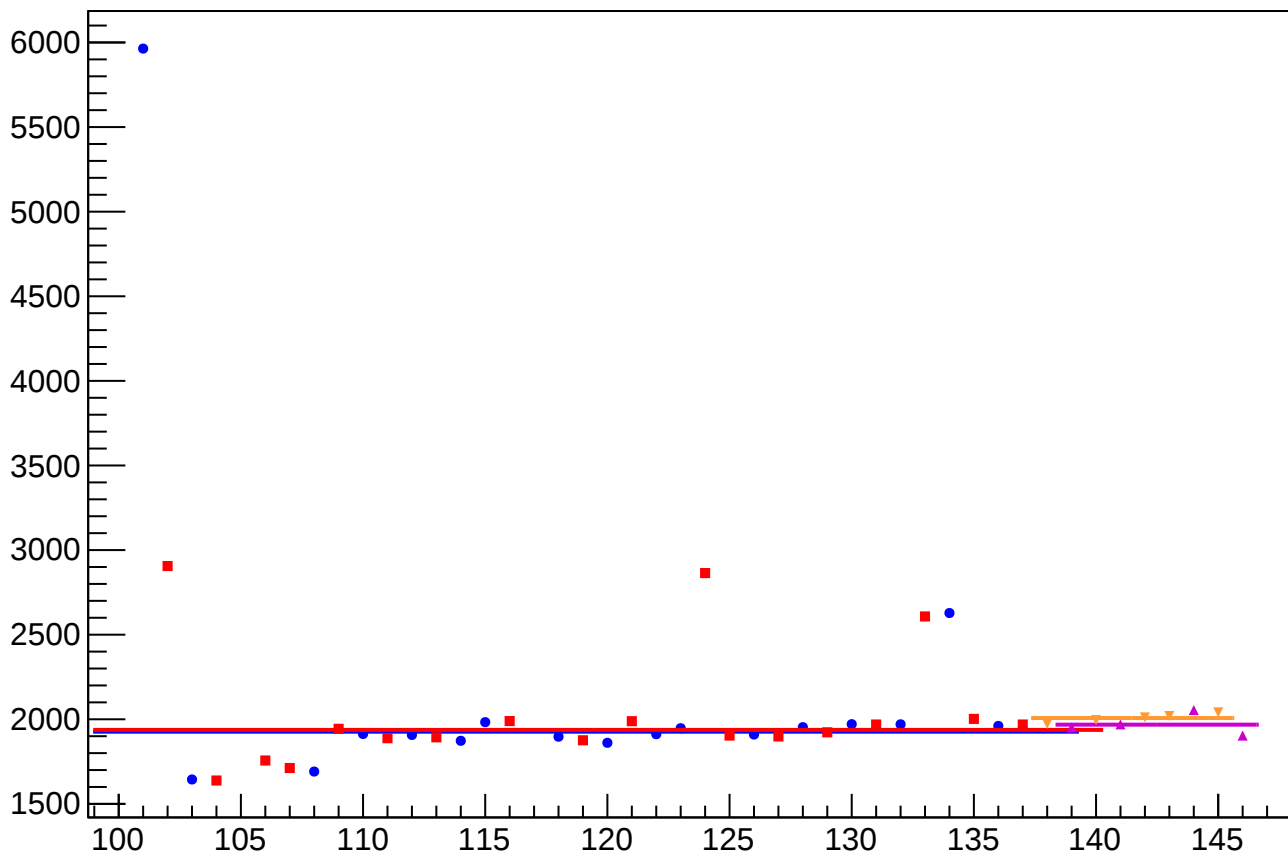
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -229.183 ± 623.658 $\chi^2/\text{NDF}: 19.3/20$

Out: 281.114 ± 613.754 $\chi^2/\text{NDF}: 17.0/22$

All: 30.050 ± 437.449 $\chi^2/\text{NDF}: 36.6/43$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2007.313+/-0.759 χ^2/NDF : 989.3/4

Right Out: 1937.280+/-0.529 χ^2/NDF : 229079.5/17

Left In: 1968.231+/-0.766 χ^2/NDF : 4993.5/3

Left: 1987.938+/-0.539 χ^2/NDF : 7297.0/8

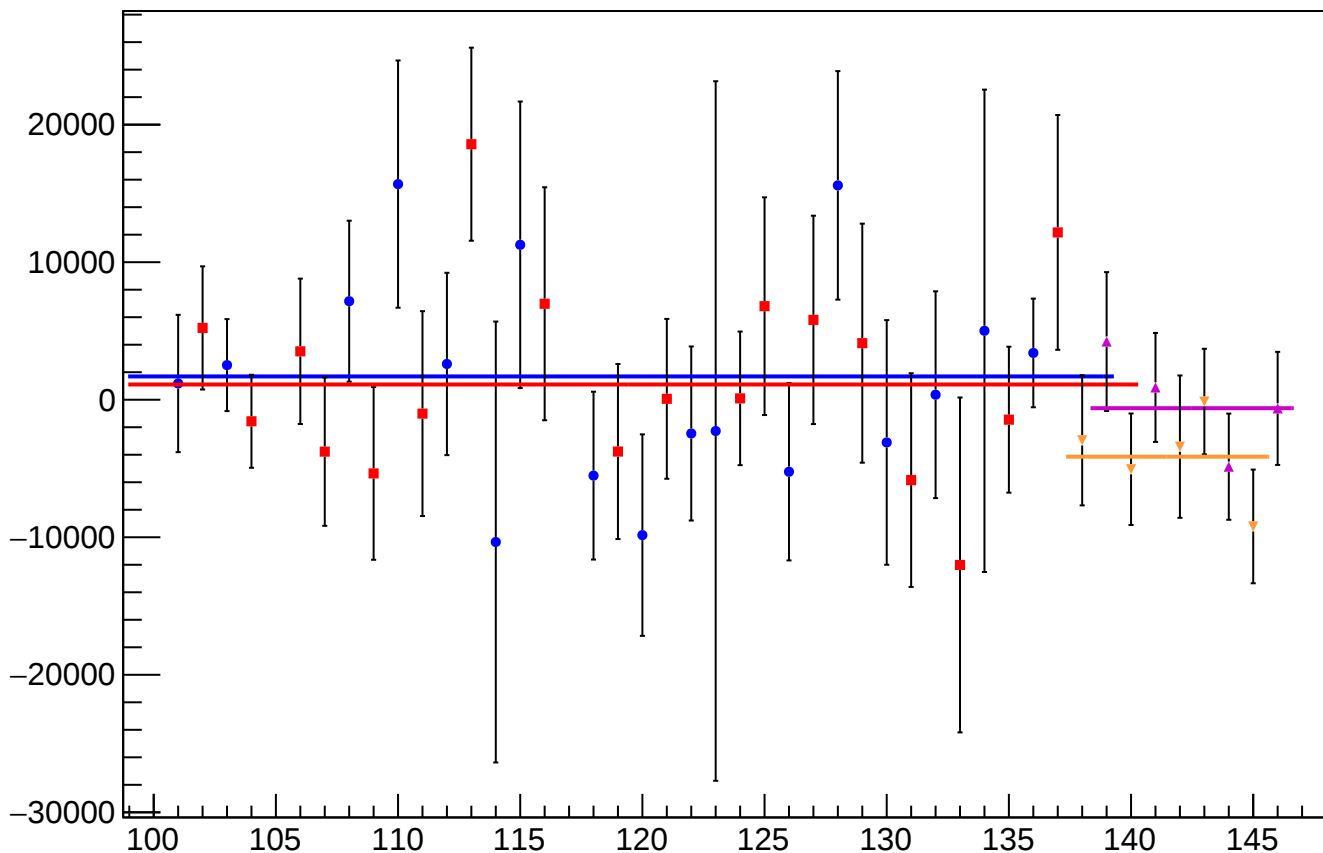
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1940.609+/-0.441 χ^2/NDF : 624058.2/20

Out: 1960.151+/-0.434 χ^2/NDF : 235801.6/22

All: 1950.541+/-0.309 χ^2/NDF : 860857.8/43

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -4140.008 $\pm$ 1926.780 χ^2 /NDF: 2.7/4

Right Out: 1107.921 $\pm$ 1412.697 χ^2 /NDF: 15.9/17

Left In: -616.102 $\pm$ 2088.635 χ^2 /NDF: 2.3/3

Left: -2519.867 $\pm$ 1416.207 χ^2 /NDF: 6.6/8

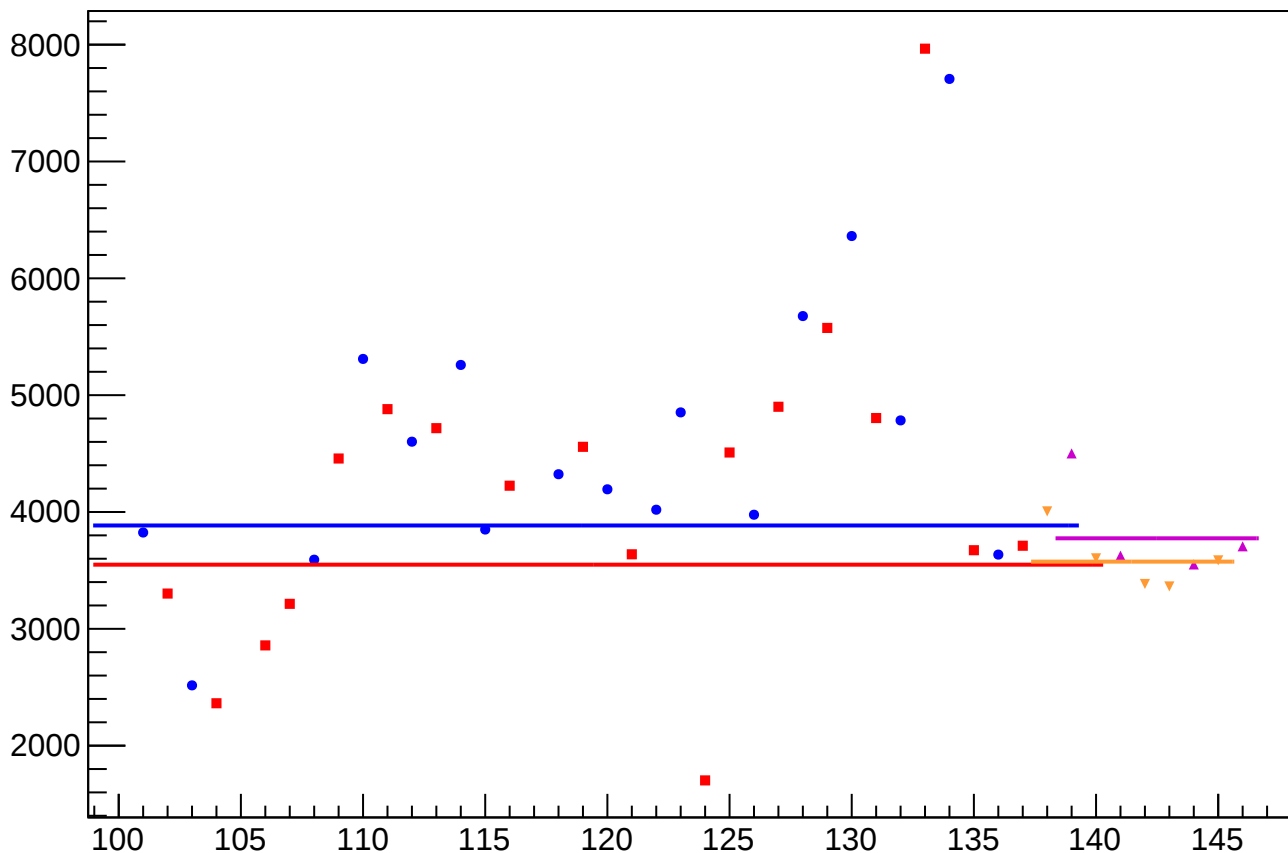
Right: 1373.479 $\pm$ 1044.694 χ^2 /NDF: 29.6/34

In: 872.238 $\pm$ 1245.702 χ^2 /NDF: 16.7/20

Out: -726.872 $\pm$ 1139.284 χ^2 /NDF: 23.4/22

All: 1.472 $\pm$ 840.704 χ^2 /NDF: 41.0/43

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3575.201 $\pm$ 1.362 χ^2 /NDF:25486.6/4

Right Out: 3549.133 $\pm$ 0.999 χ^2 /NDF: 1326947.7/17

Left In: 3774.749 $\pm$ 1.477 χ^2 /NDF:51535.4/3

Left: 3666.945 $\pm$ 1.001 χ^2 /NDF: 86884.6/8

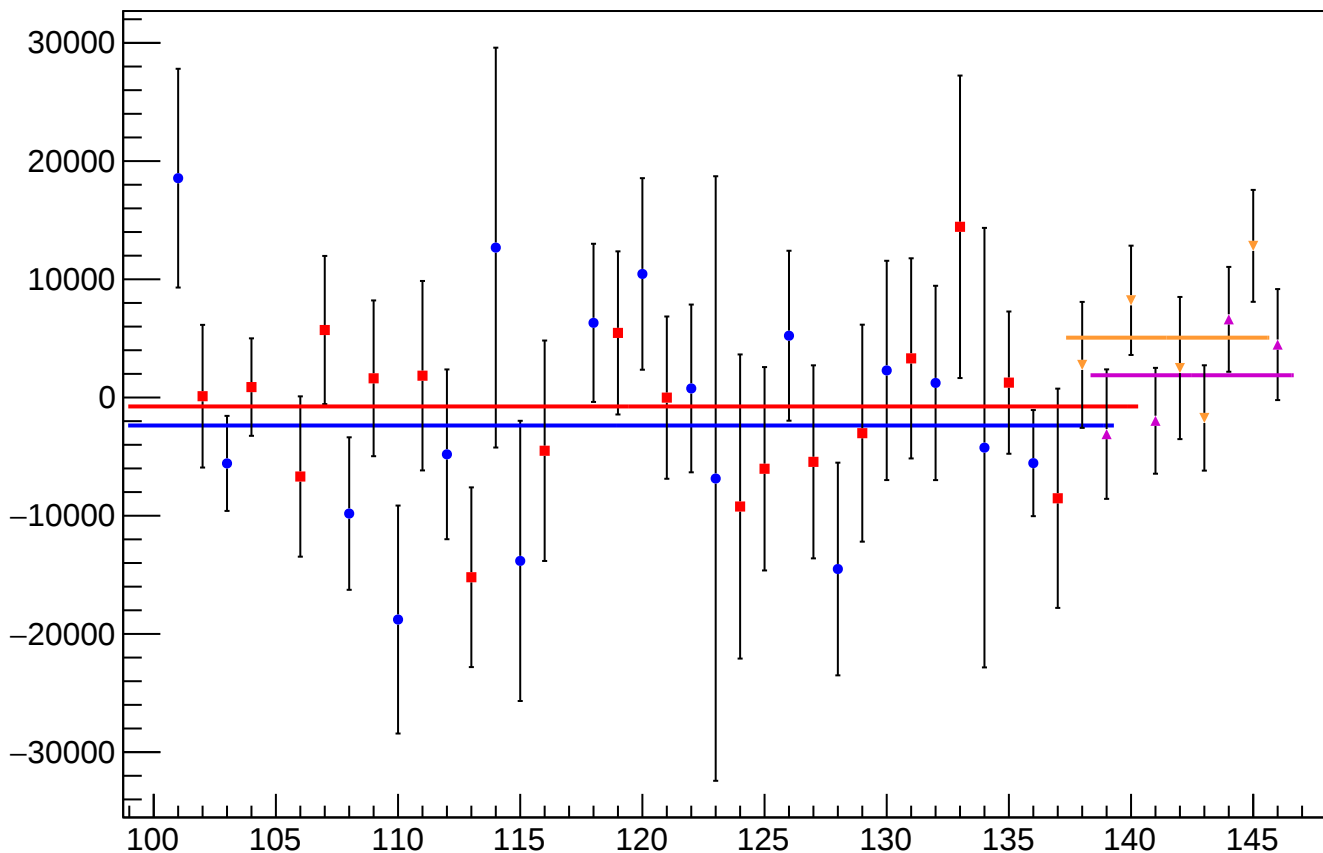
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 3845.526 $\pm$ 0.881 χ^2 /NDF:881663.7/20

Out: 3558.247 $\pm$ 0.806 χ^2 /NDF:1352672.4/22

All: 3689.094 $\pm$ 0.594 χ^2 /NDF: 2292256.6/43

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 5063.541 $\pm$ 2210.634 χ^2 /NDF: 5.9/4

Right Out: -755.757 $\pm$ 1693.103 χ^2 /NDF: 10.5/17

Left In: 1883.166 $\pm$ 2360.804 χ^2 /NDF: 3.0/3

Left: 3577.715 $\pm$ 1613.633 χ^2 /NDF: 9.8/8

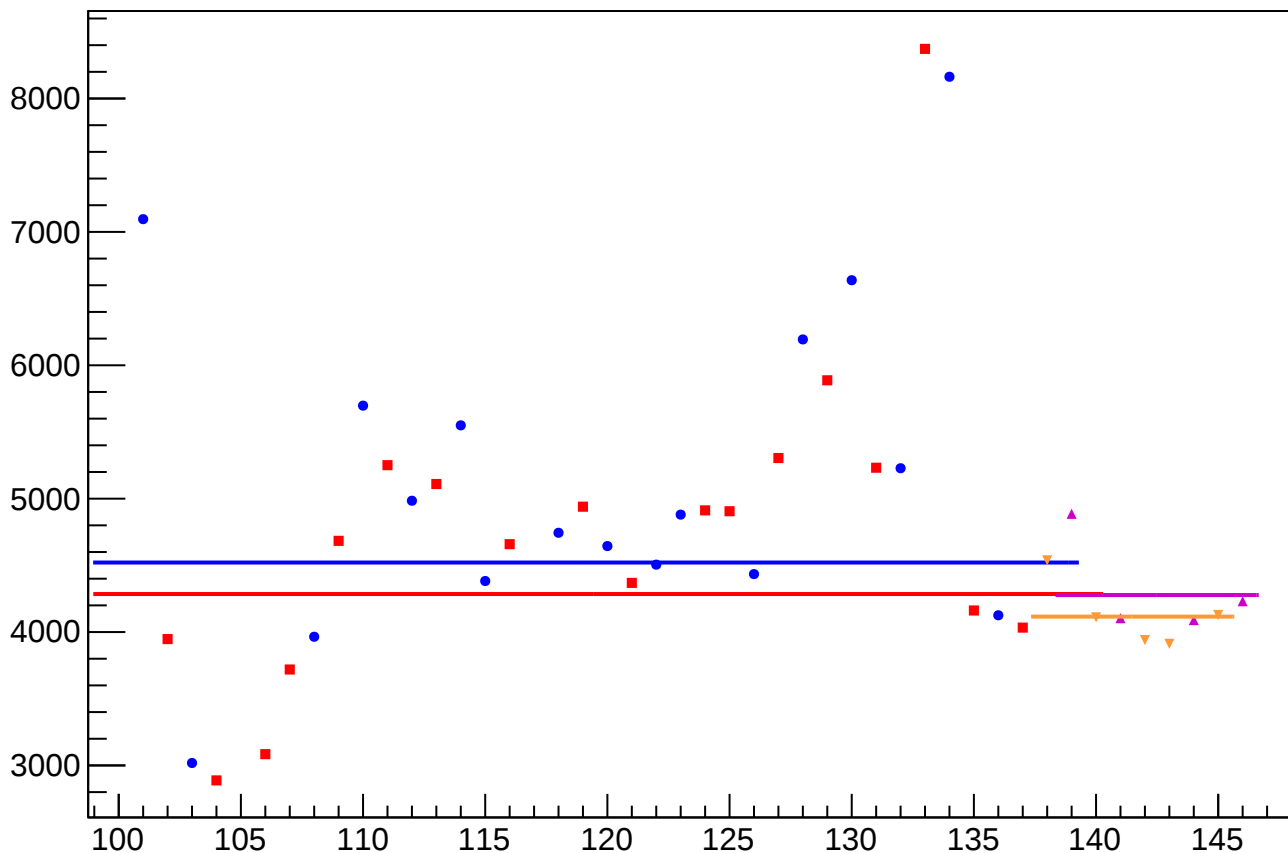
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -802.745 $\pm$ 1432.376 χ^2 /NDF: 25.2/20

Out: 1395.733 $\pm$ 1344.161 χ^2 /NDF: 20.7/22

All: 366.272 $\pm$ 980.168 χ^2 /NDF: 47.2/43

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4115.790+/-1.563 χ^2/NDF : 18461.3/4

Right Out: 4285.069+/-1.191 χ^2/NDF : 746400.9/17

Left In: 4277.504+/-1.669 χ^2/NDF : 31509.7/3

Left: 4191.340+/-1.141 χ^2/NDF : 54971.1/8

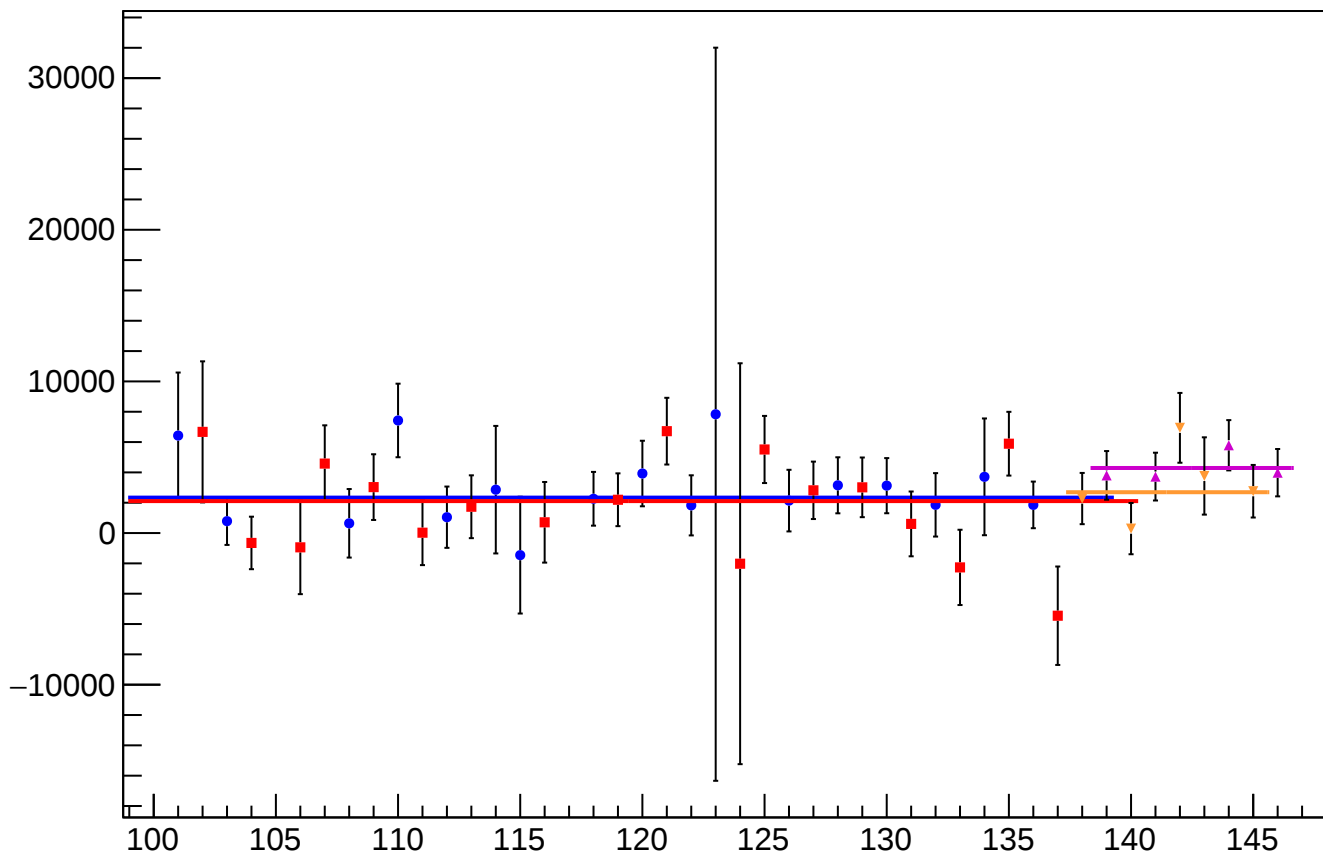
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4431.508+/-1.013 χ^2/NDF : 823654.0/20

Out: 4222.923+/-0.947 χ^2/NDF : 772284.2/22

All: 4320.229+/-0.692 χ^2/NDF : 1618564.5/43

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: 2693.025 $\pm$ 852.437 χ^2 /NDF:5.7/4

Right Out: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

Left In: 4290.684 $\pm$ 799.434 χ^2 /NDF:1.1/3

Left: 3543.065 $\pm$ 583.123 χ^2 /NDF: 8.6/8

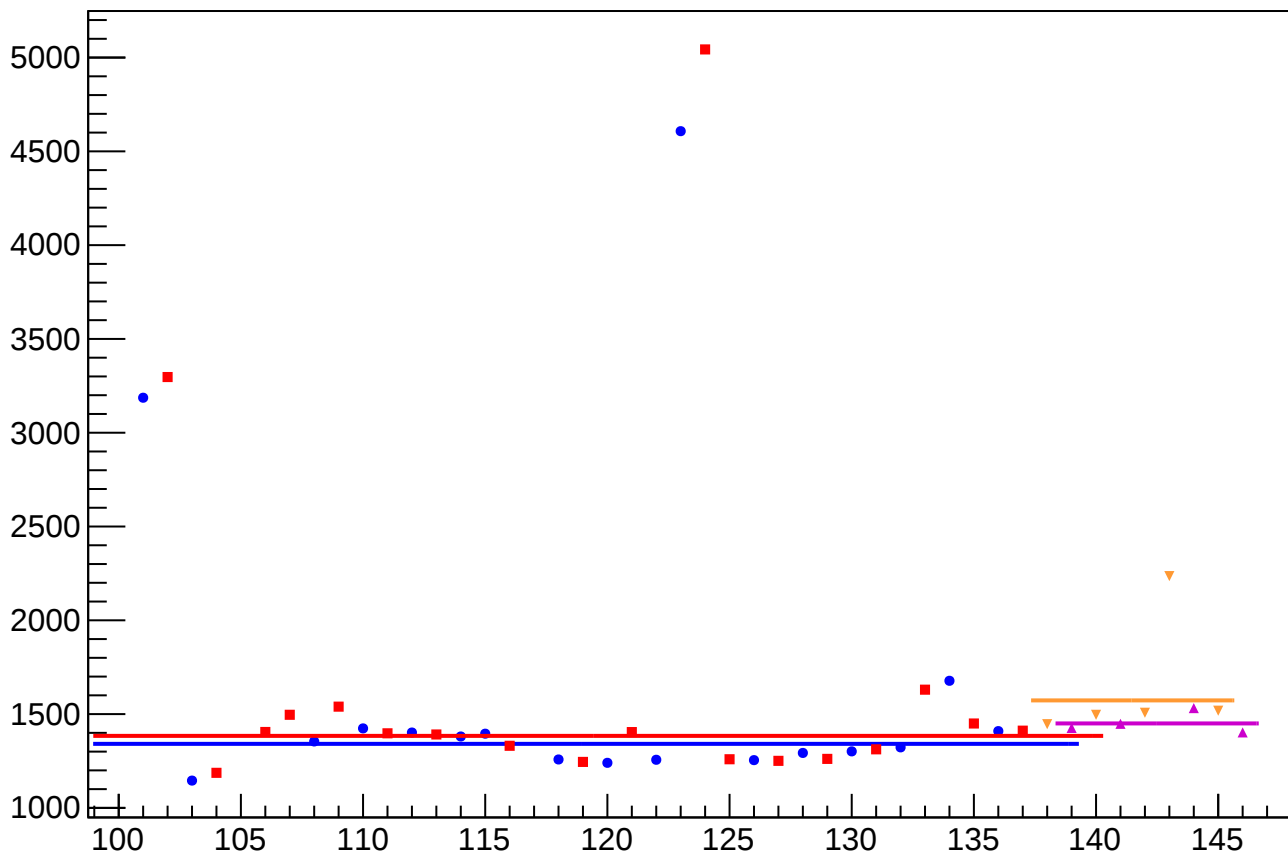
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2935.267 $\pm$ 442.394 χ^2 /NDF:14.9/20

Out: 2274.733 $\pm$ 455.938 χ^2 /NDF:32.4/22

All: 2614.956 $\pm$ 317.500 χ^2 /NDF: 48.3/43

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1573.019+/-0.603 χ^2/NDF :154181.5/4

Right Out: 1383.916+/-0.381 χ^2/NDF : 593846.2/17

Left In: 1450.243+/-0.565 χ^2/NDF :7182.0/3

Left: 1507.695+/-0.412 χ^2/NDF : 183437.8/8

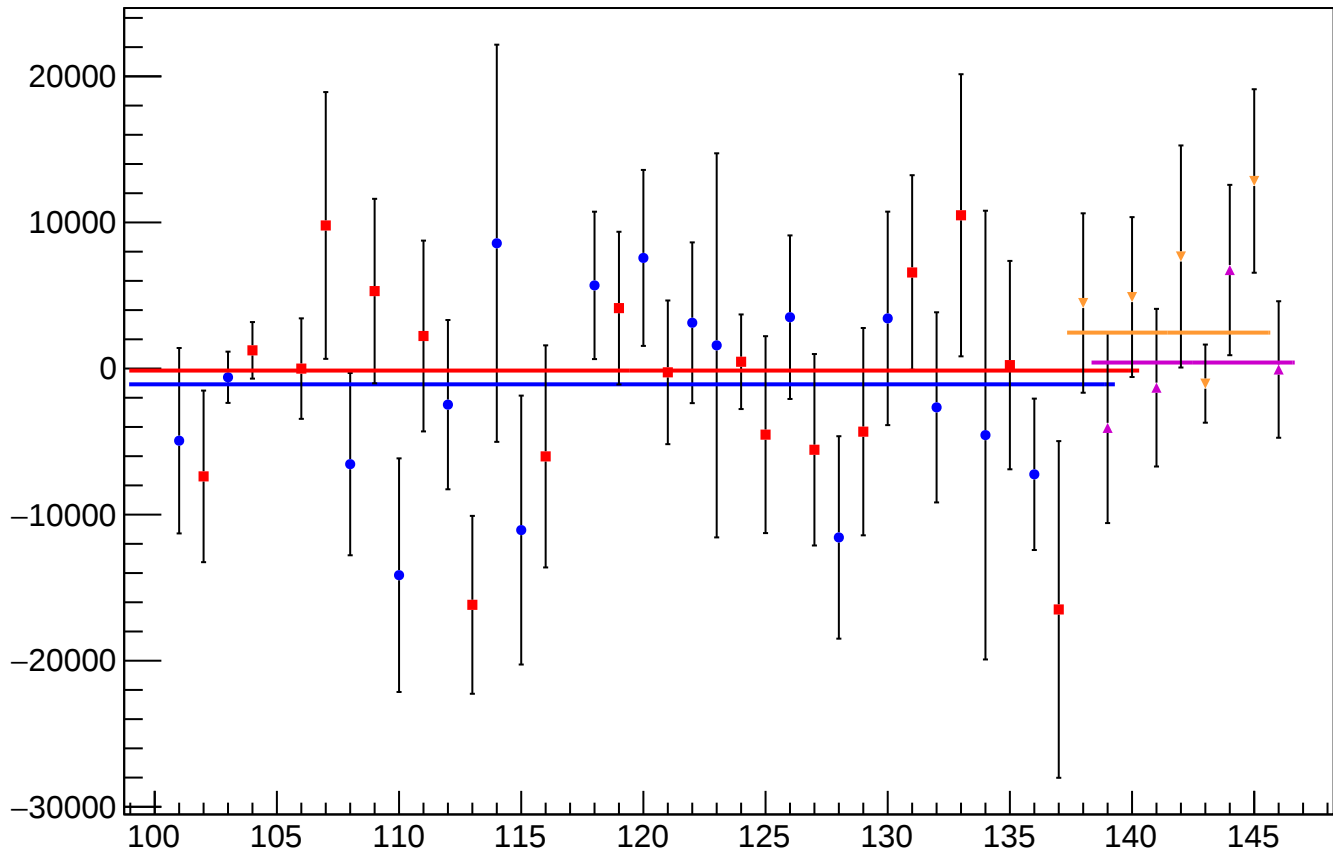
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1374.713+/-0.313 χ^2/NDF :537186.9/20

Out: 1437.979+/-0.322 χ^2/NDF :818312.8/22

All: 1405.403+/-0.224 χ^2/NDF : 1375341.2/43

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2458.864+/-2031.200 χ^2/NDF : 5.2/4

Right Out: -138.838+/-1129.319 χ^2/NDF : 18.0/17

Left In: 410.230+/-2740.918 χ^2/NDF : 1.8/3

Left: 1732.631+/-1631.932 χ^2/NDF : 7.3/8

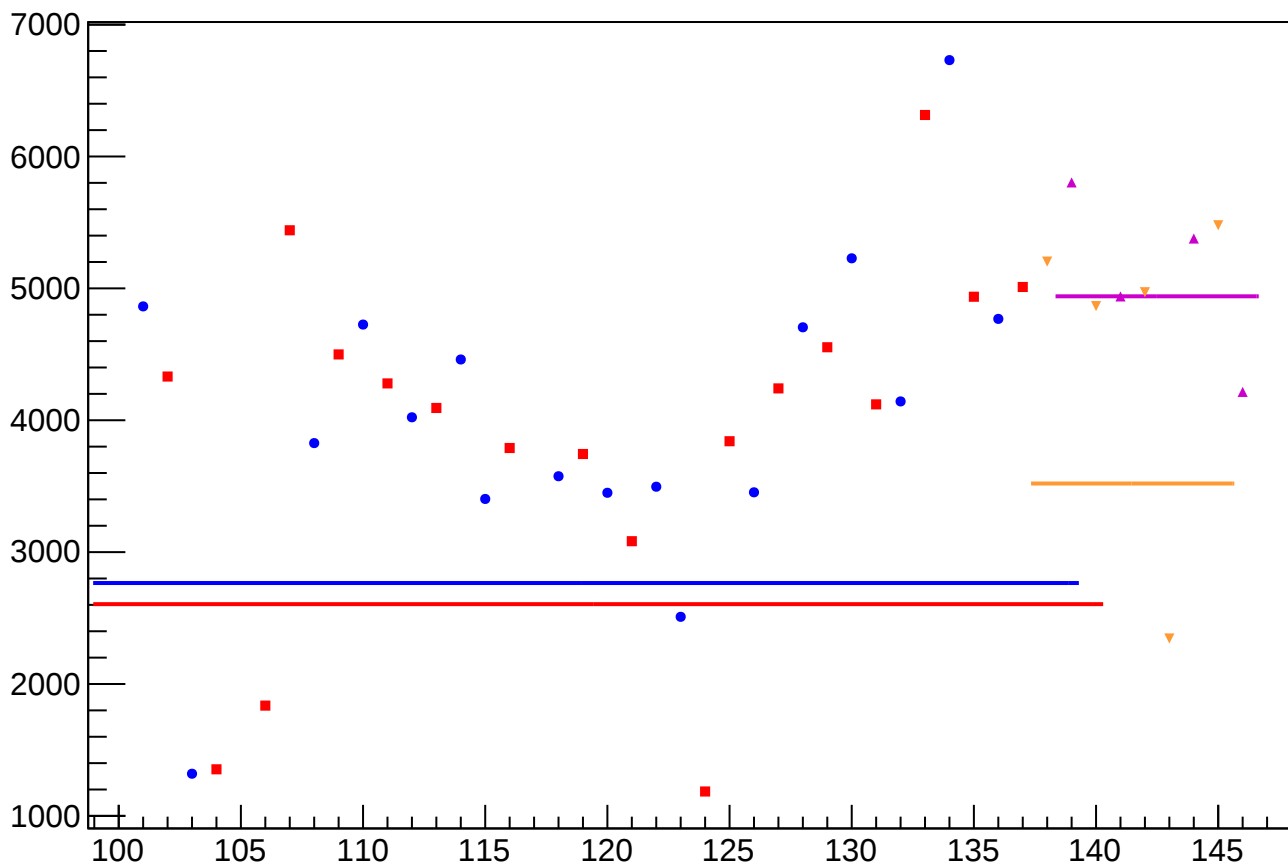
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -837.013+/-1108.759 χ^2/NDF : 17.0/20

Out: 474.553+/-987.022 χ^2/NDF : 24.5/22

All: -105.302+/-737.227 χ^2/NDF : 42.3/43

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3520.313+/-1.436 χ^2/NDF : 924376.7/4

Right Out: 2605.528+/-0.799 χ^2/NDF : 3322334.9/17

Left In: 4939.798+/-1.938 χ^2/NDF : 94538.7/3

Left: 4023.515+/-1.154 χ^2/NDF : 1365172.2/8

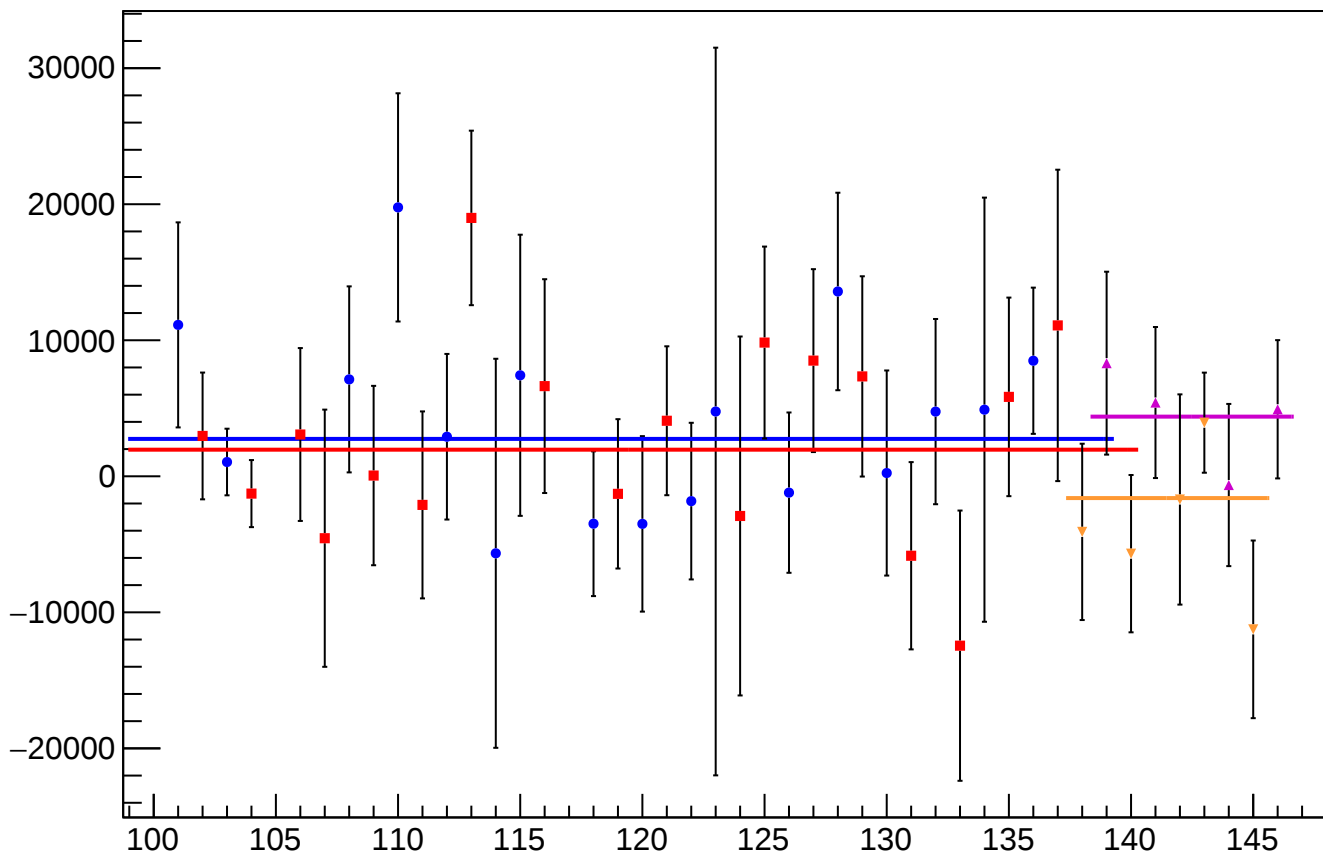
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 3121.493+/-0.784 χ^2/NDF : 4086010.8/20

Out: 2821.534+/-0.698 χ^2/NDF : 4556584.2/22

All: 2954.149+/-0.521 χ^2/NDF : 8724258.9/43

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: -1601.455+/-2441.134 χ^2/NDF : 5.1/4

Right Out: 1955.923+/-1384.301 χ^2/NDF : 17.8/17

Left In: 4385.899+/-2869.744 χ^2/NDF : 1.1/3

Left: 912.145+/-1859.404 χ^2/NDF : 8.7/8

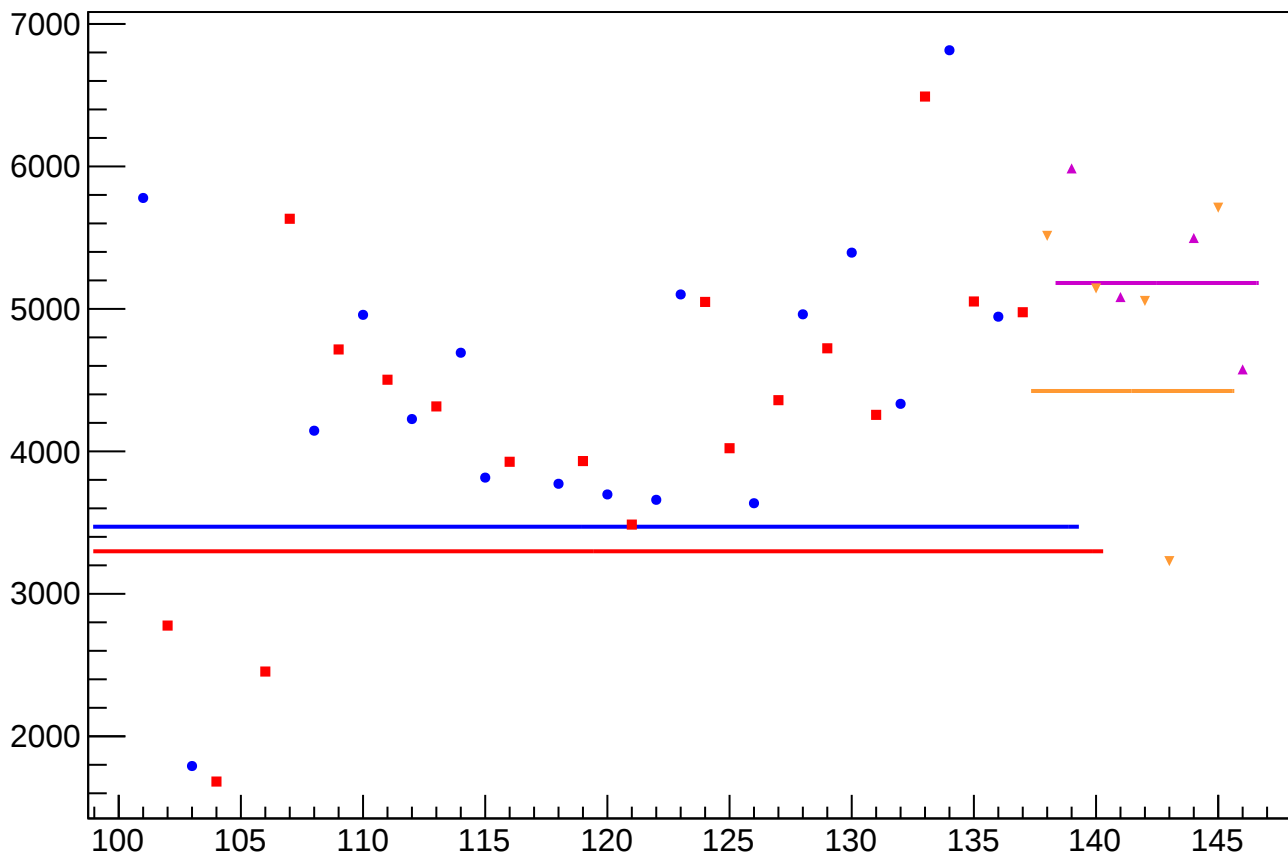
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 3080.104+/-1291.787 χ^2/NDF : 15.1/20

Out: 1090.324+/-1204.163 χ^2/NDF : 24.5/22

All: 2015.445+/-880.821 χ^2/NDF : 40.9/43

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: 4423.829+/-1.726 χ^2/NDF : 389264.9/4

Right Out: 3298.657+/-0.970 χ^2/NDF : 1886021.8/17

Left In: 5181.974+/-2.029 χ^2/NDF : 63347.6/3

Left: 4742.112+/-1.315 χ^2/NDF : 533599.0/8

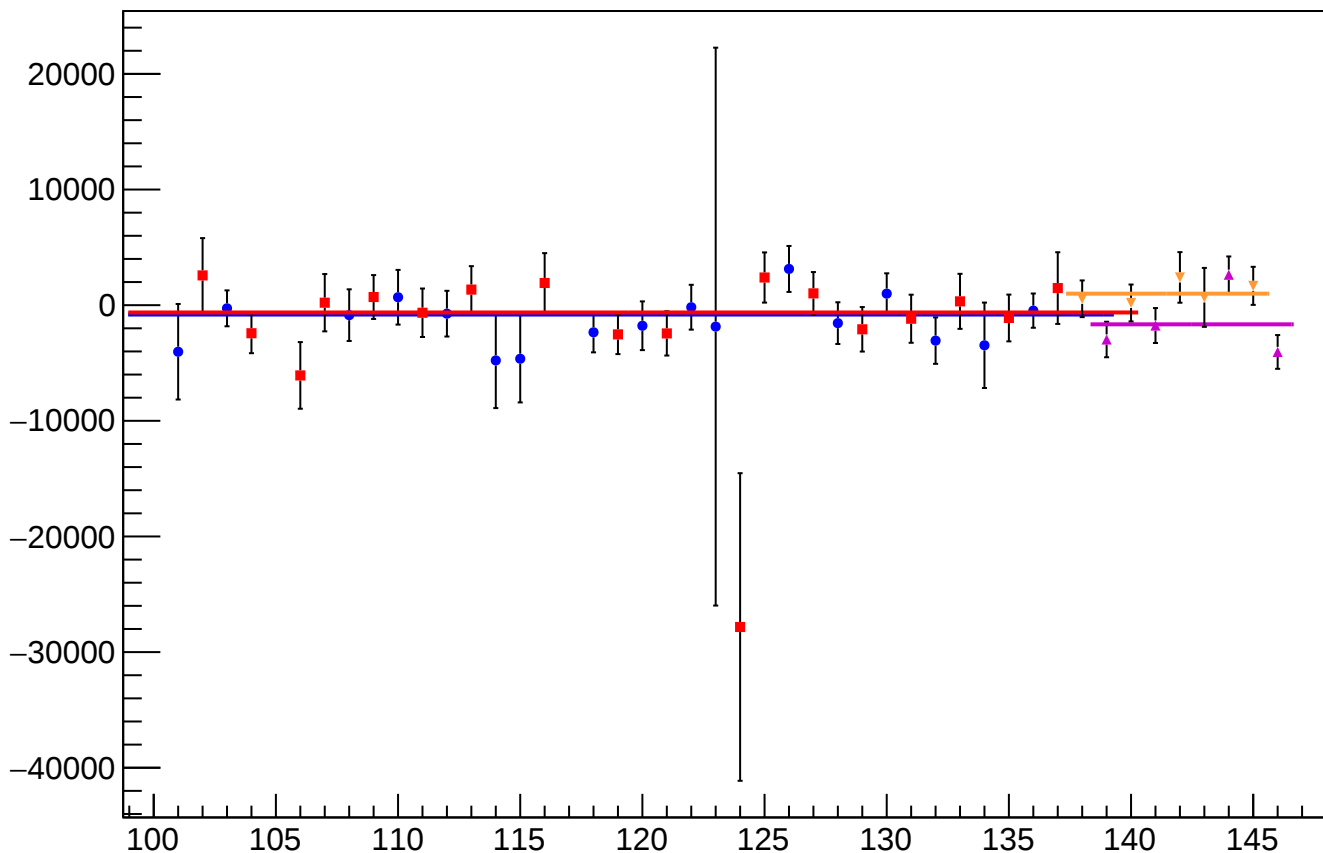
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3817.797+/-0.913 χ^2/NDF : 2398025.8/20

Out: 3568.640+/-0.846 χ^2/NDF : 2598231.1/22

All: 3683.619+/-0.620 χ^2/NDF : 5036327.3/43

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: 997.172+/-810.267 χ^2/NDF : 0.9/4

Right Out: -630.651+/-514.931 χ^2/NDF : 18.6/17

Left In: -1656.152+/-759.378 χ^2/NDF : 10.8/3

Left: -415.423+/-554.079 χ^2/NDF : 17.4/8

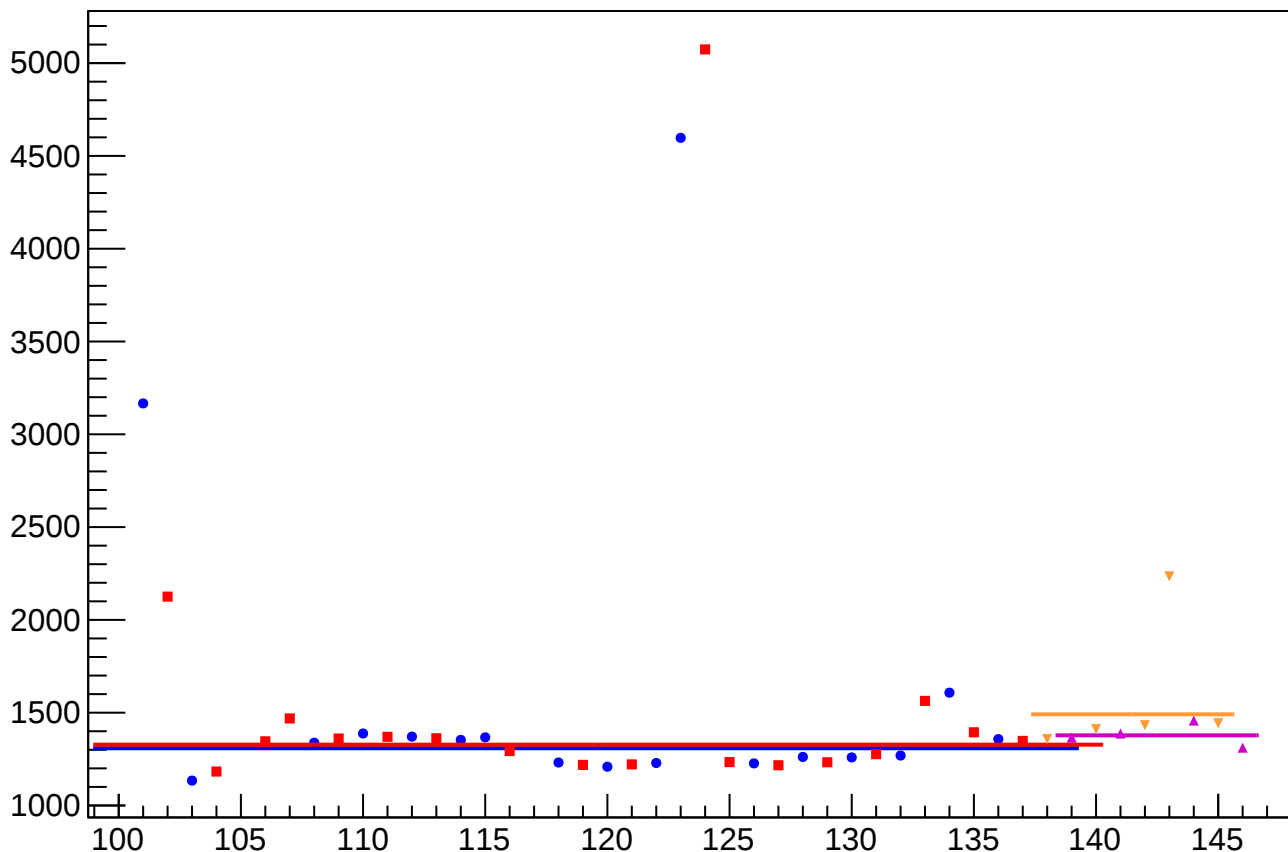
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -1078.160+/-428.029 χ^2/NDF : 22.8/20

Out: -162.353+/-434.596 χ^2/NDF : 22.4/22

All: -627.228+/-304.957 χ^2/NDF : 47.5/43

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: 1491.186+/-0.573 χ^2/NDF : 192584.8/4

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

Left In: 1377.946+/-0.537 χ^2/NDF : 9458.5/3

Left: 1430.898+/-0.392 χ^2/NDF : 222840.5/8

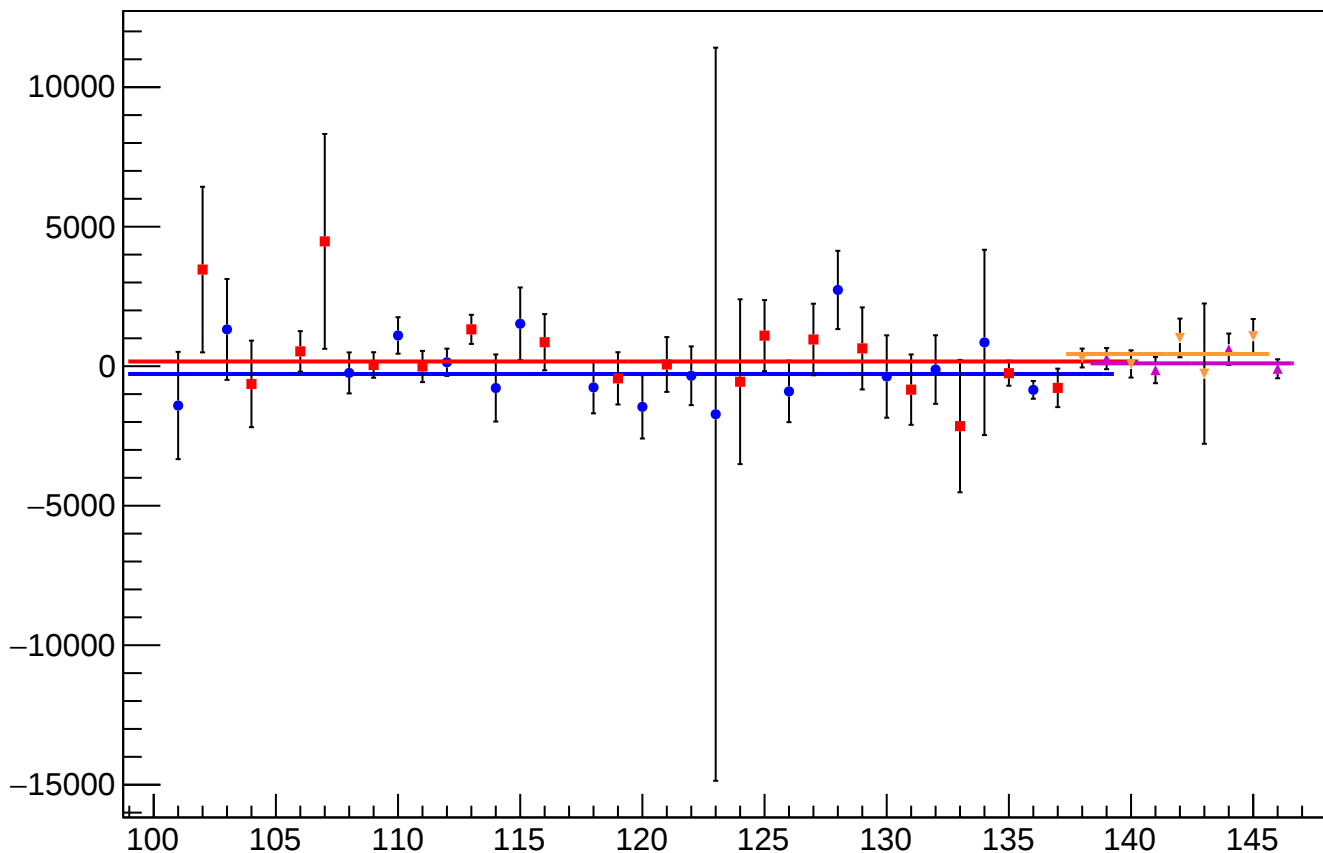
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1330.472+/-0.303 χ^2/NDF : 527459.8/20

Out: 1374.694+/-0.307 χ^2/NDF : 607950.9/22

All: 1352.247+/-0.216 χ^2/NDF : 1145922.0/43

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: 438.744+/-236.980 χ^2/NDF : 2.6/4

Right Out: 169.608+/-192.488 χ^2/NDF : 14.4/17

Left In: 102.284+/-207.012 χ^2/NDF : 1.6/3

Left: 247.907+/-155.905 χ^2/NDF : 5.3/8

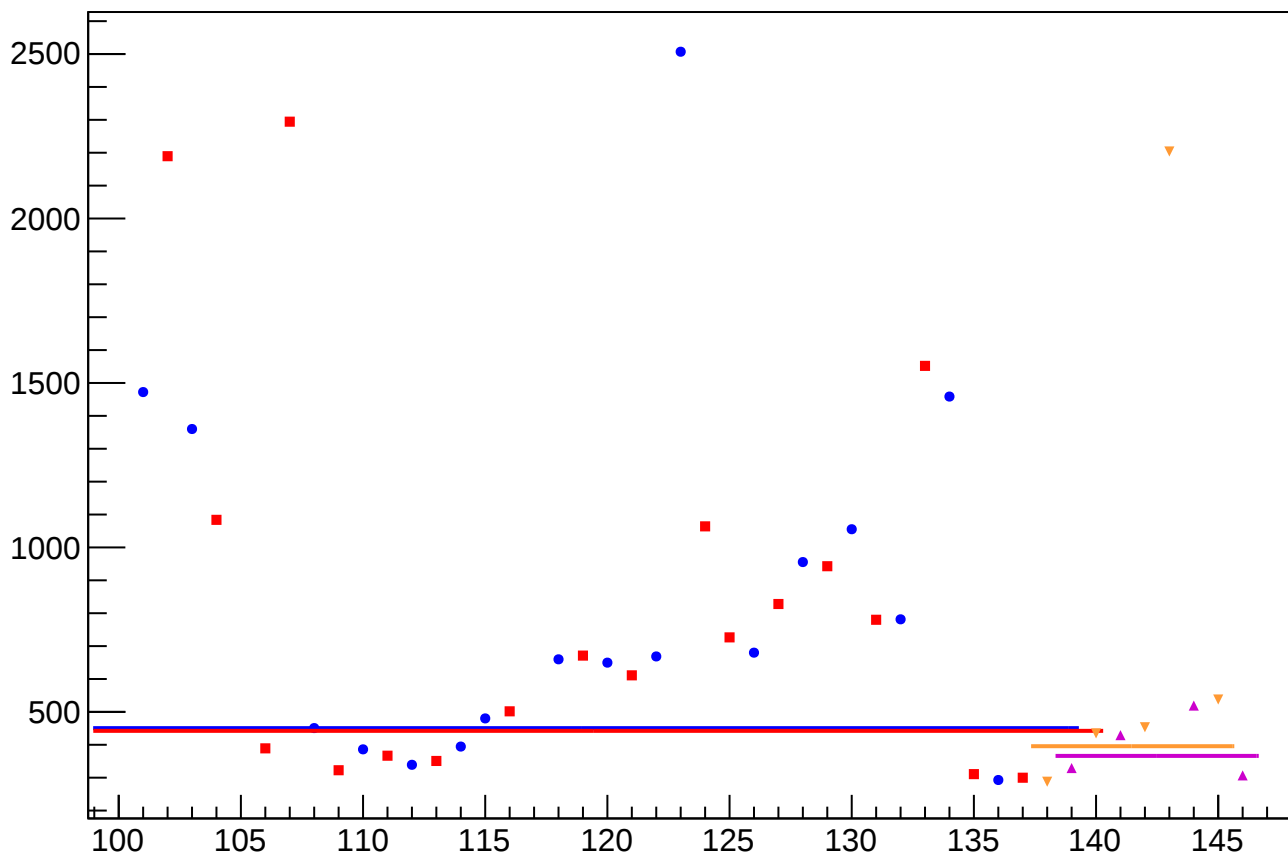
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -96.569+/-143.133 χ^2/NDF : 21.4/20

Out: 276.590+/-149.410 χ^2/NDF : 17.7/22

All: 82.007+/-103.358 χ^2/NDF : 42.4/43

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: 395.661+/-0.168 χ^2/NDF :1371164.9/4

Right Out: 442.368+/-0.136 χ^2/NDF : 3368329.0/17

Left In: 366.202+/-0.146 χ^2/NDF :263973.5/3

Left: 378.952+/-0.110 χ^2/NDF : 1652667.2/8

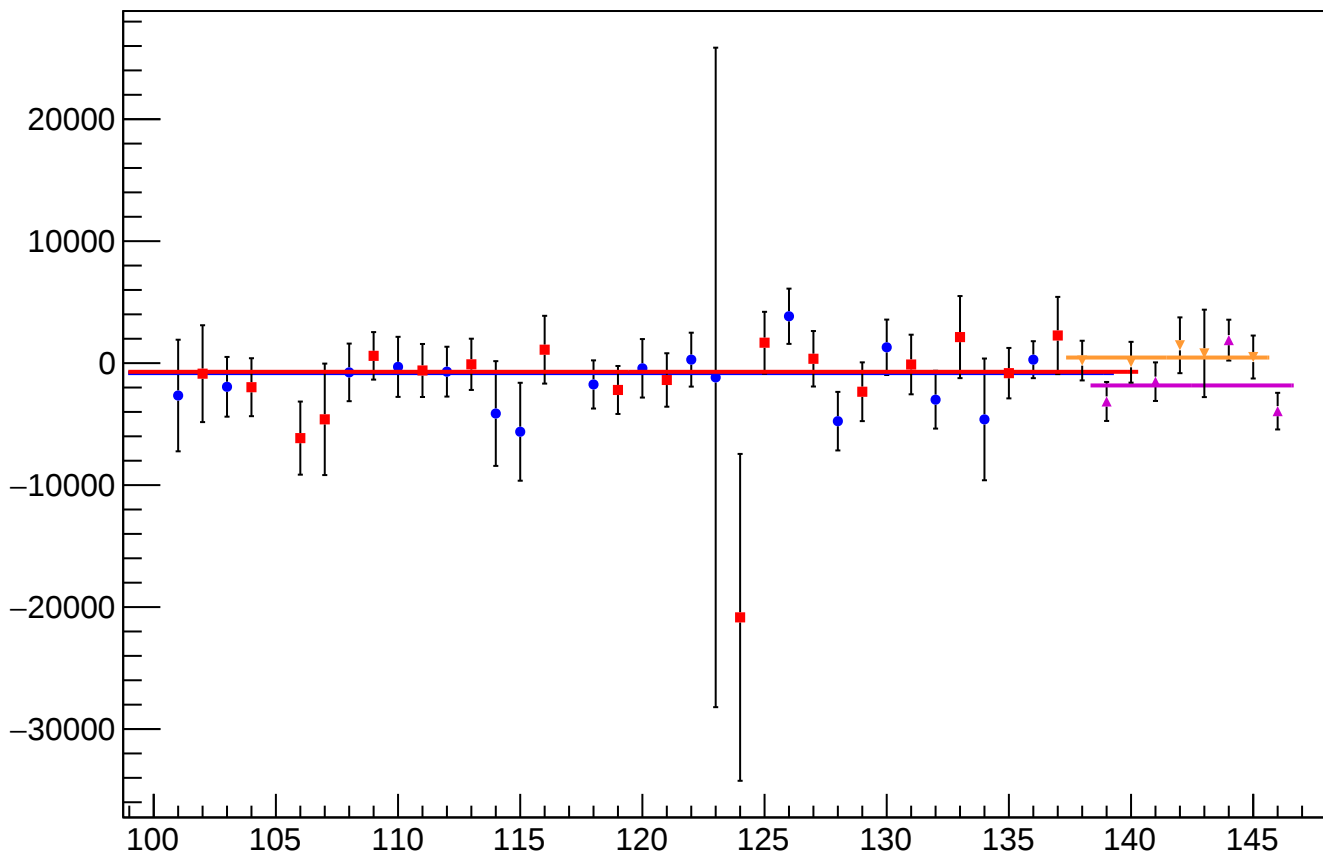
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 410.250+/-0.101 χ^2/NDF :3435194.1/20

Out: 423.802+/-0.106 χ^2/NDF :4786302.0/22

All: 416.735+/-0.073 χ^2/NDF : 8230075.7/43

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110 ± 601.150 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 458.891 ± 867.992 $\chi^2/\text{NDF}: 0.3/4$

Right Out: -710.618 ± 596.065 $\chi^2/\text{NDF}: 11.4/17$

Left In: -1828.923 ± 792.632 $\chi^2/\text{NDF}: 7.6/3$

Left: -788.625 ± 585.308 $\chi^2/\text{NDF}: 11.7/8$

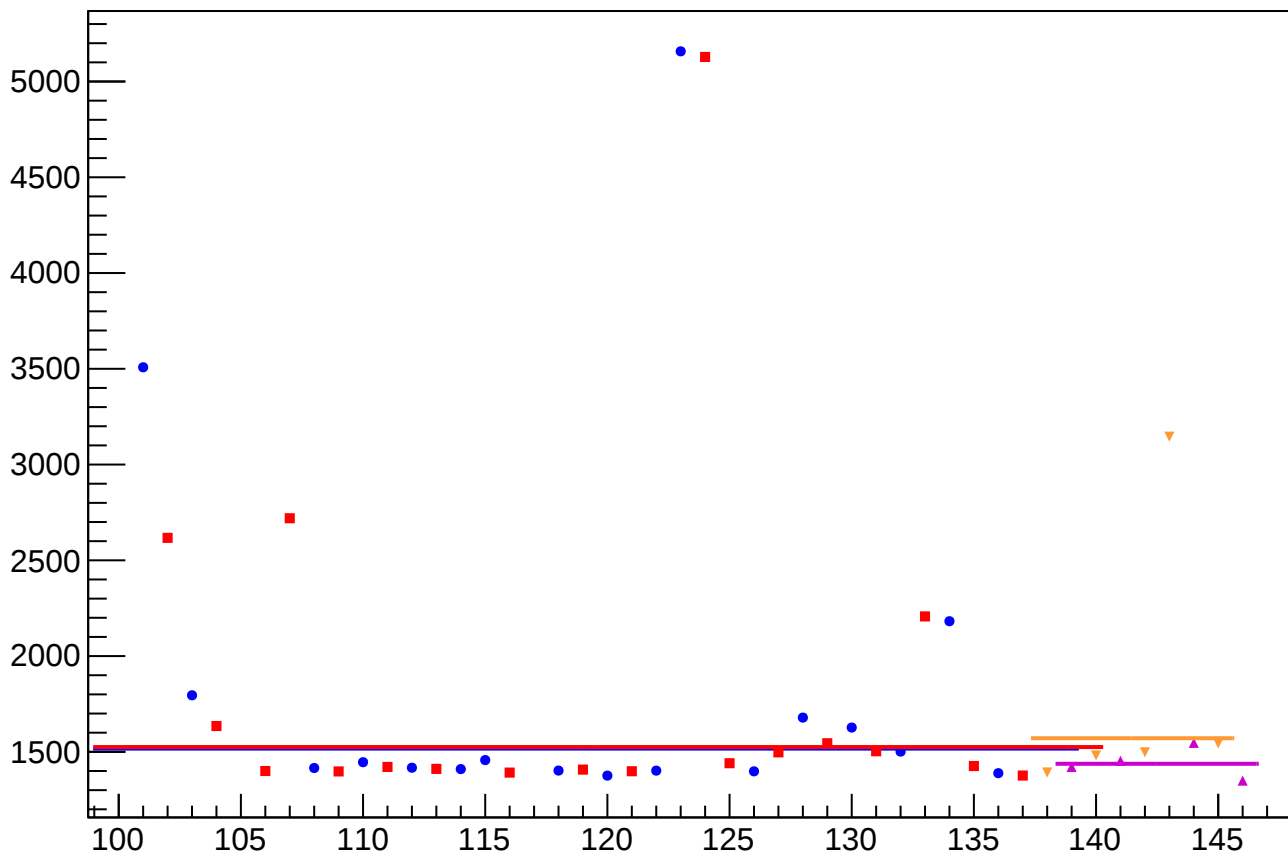
Right: -763.412 ± 423.268 $\chi^2/\text{NDF}: 24.1/34$

In: -1186.585 ± 478.976 $\chi^2/\text{NDF}: 21.3/20$

Out: -335.839 ± 491.362 $\chi^2/\text{NDF}: 12.9/22$

All: -772.070 ± 342.983 $\chi^2/\text{NDF}: 35.8/43$

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: 1571.057 $\pm$ 0.614 χ^2 /NDF:418589.3/4

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1437.661 $\pm$ 0.560 χ^2 /NDF:15766.7/3

Left: 1498.318 $\pm$ 0.414 χ^2 /NDF: 460113.9/8

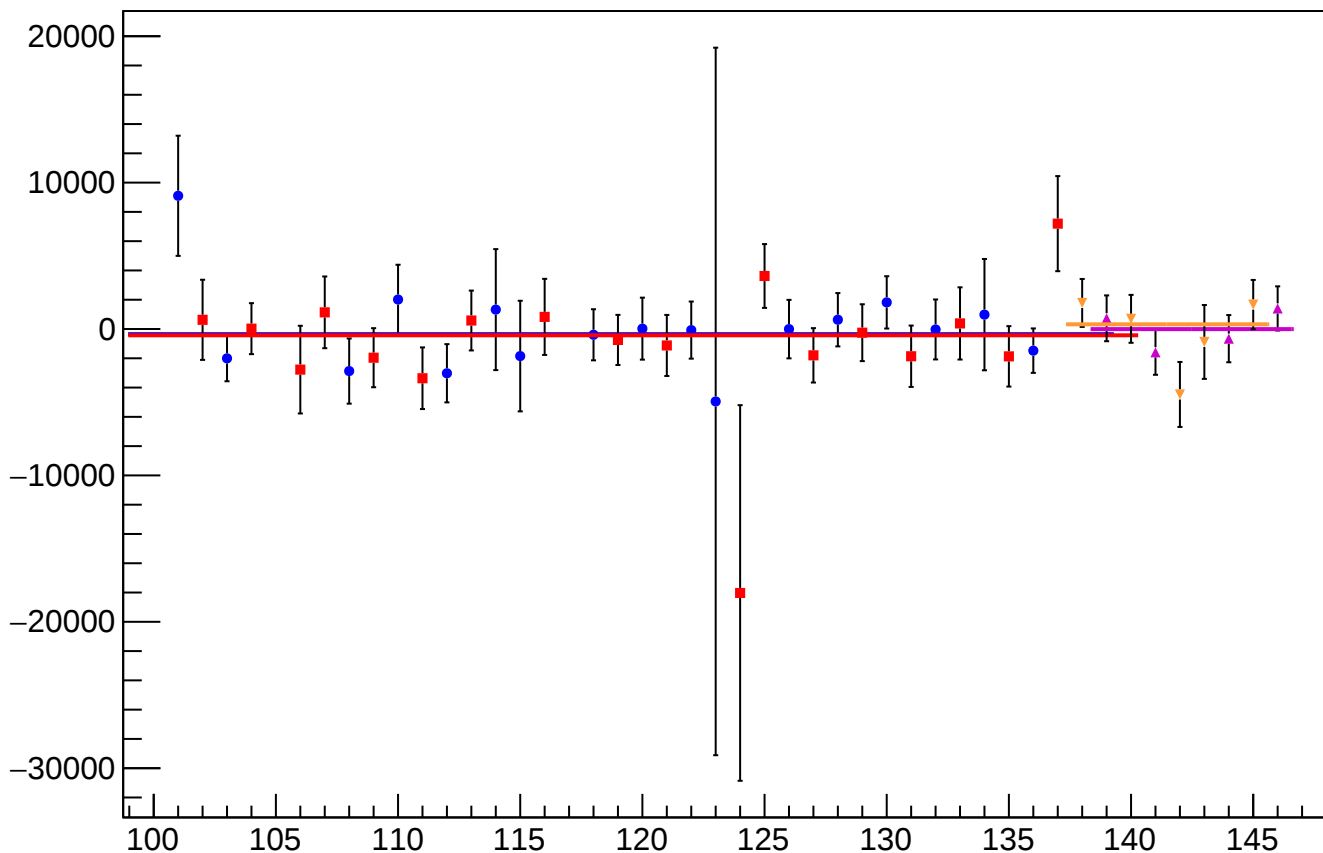
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1487.987 $\pm$ 0.339 χ^2 /NDF:569506.5/20

Out: 1539.827 $\pm$ 0.347 χ^2 /NDF:994328.6/22

All: 1513.246 $\pm$ 0.243 χ^2 /NDF: 1575249.9/43

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 320.423 ± 827.609 χ^2/NDF : 6.4/4

Right Out: -429.167 ± 522.342 χ^2/NDF : 16.8/17

Left In: -7.355 ± 776.994 χ^2/NDF : 2.3/3

Left: 146.205 ± 566.467 χ^2/NDF : 8.8/8

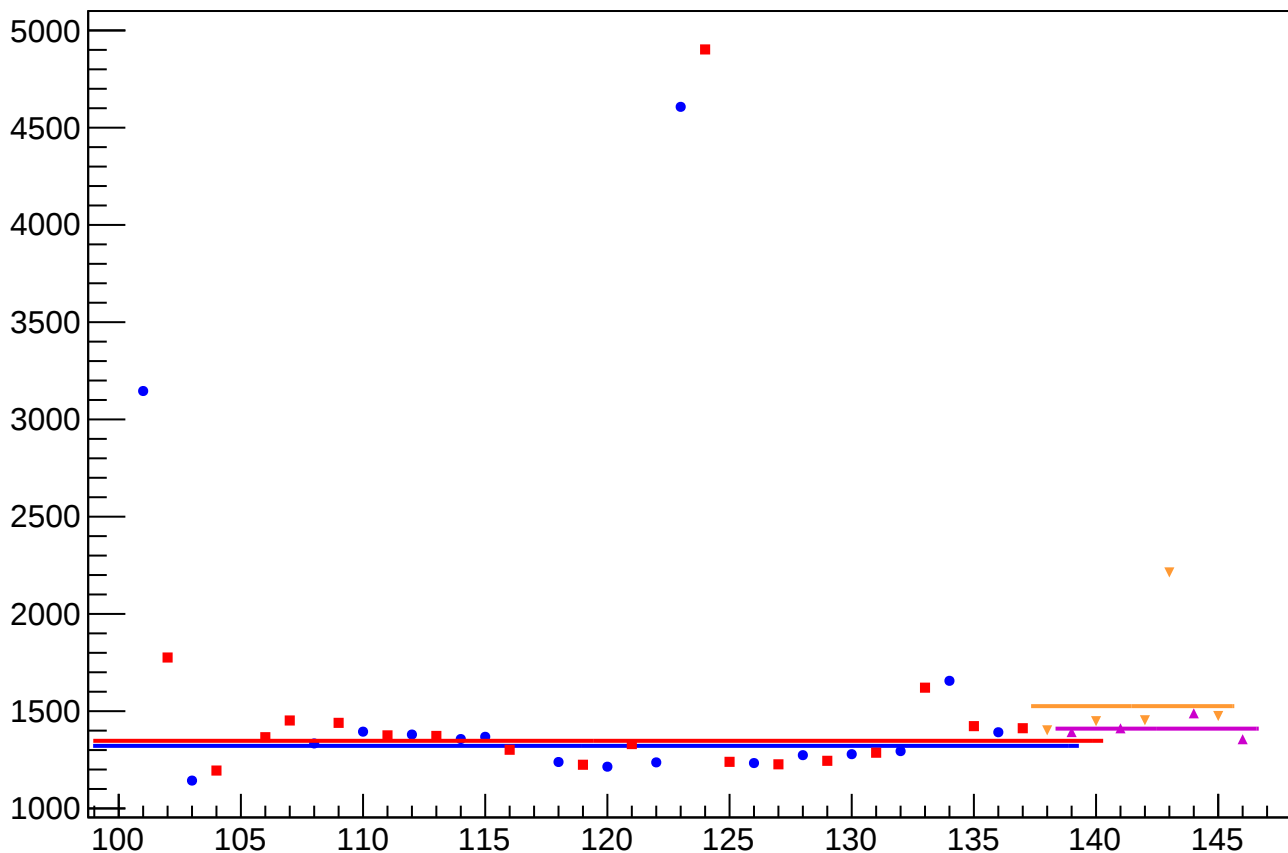
Right: -391.220 ± 369.698 χ^2/NDF : 30.3/34

In: -245.225 ± 434.054 χ^2/NDF : 15.9/20

Out: -215.632 ± 441.721 χ^2/NDF : 23.8/22

All: -230.687 ± 309.597 χ^2/NDF : 39.7/43

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1525.855+/-0.585 χ^2/NDF : 168404.8/4

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1410.196+/-0.549 χ^2/NDF : 7637.6/3

Left: 1464.381+/-0.401 χ^2/NDF : 196803.8/8

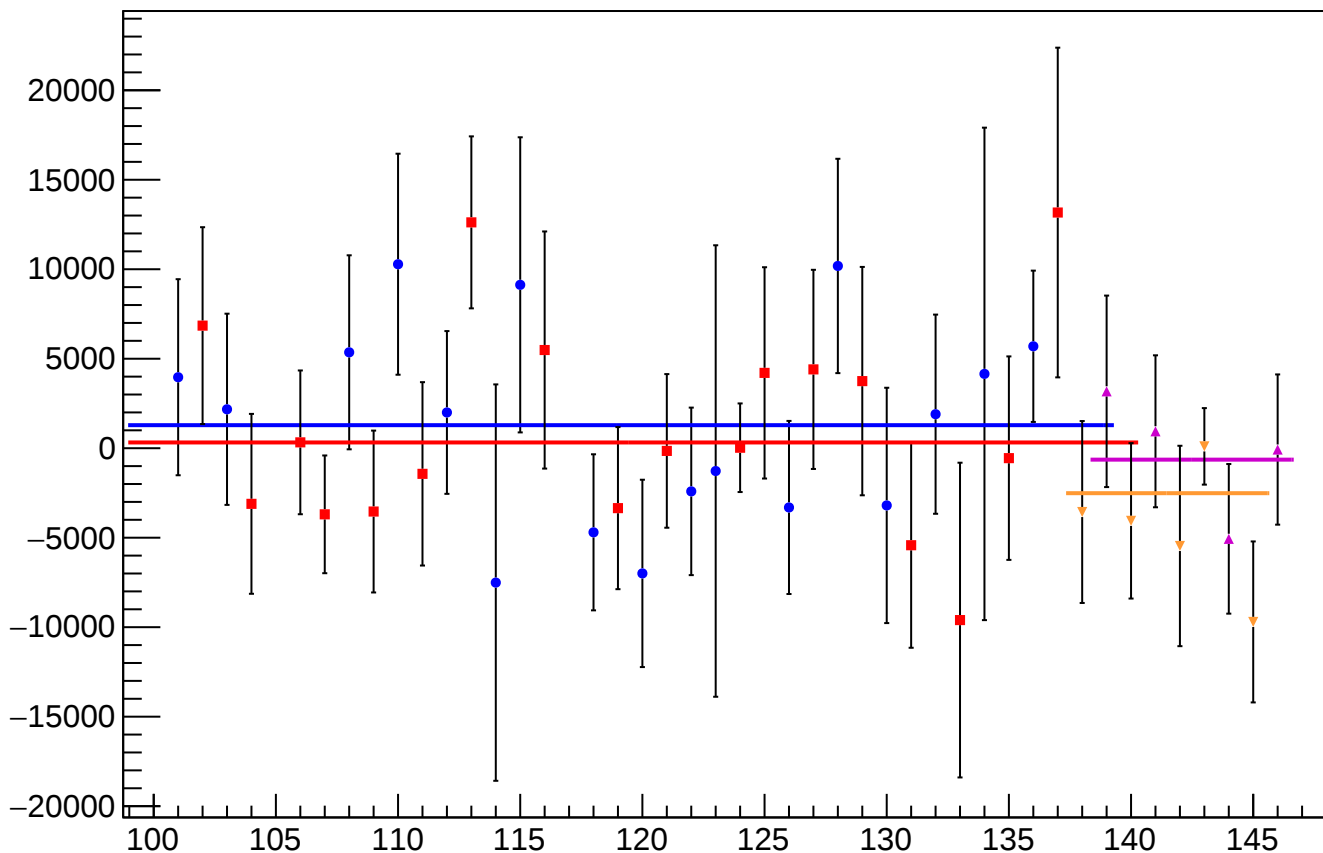
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1349.318+/-0.307 χ^2/NDF : 527730.0/20

Out: 1398.372+/-0.312 χ^2/NDF : 521043.9/22

All: 1373.425+/-0.219 χ^2/NDF : 1061327.4/43

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: -2512.827+/-1597.400 χ^2/NDF : 4.5/4

Right Out: 321.508+/-1105.580 χ^2/NDF : 17.6/17

Left In: -638.598+/-2211.774 χ^2/NDF : 1.8/3

Left: -1870.339+/-1294.977 χ^2/NDF : 6.8/8

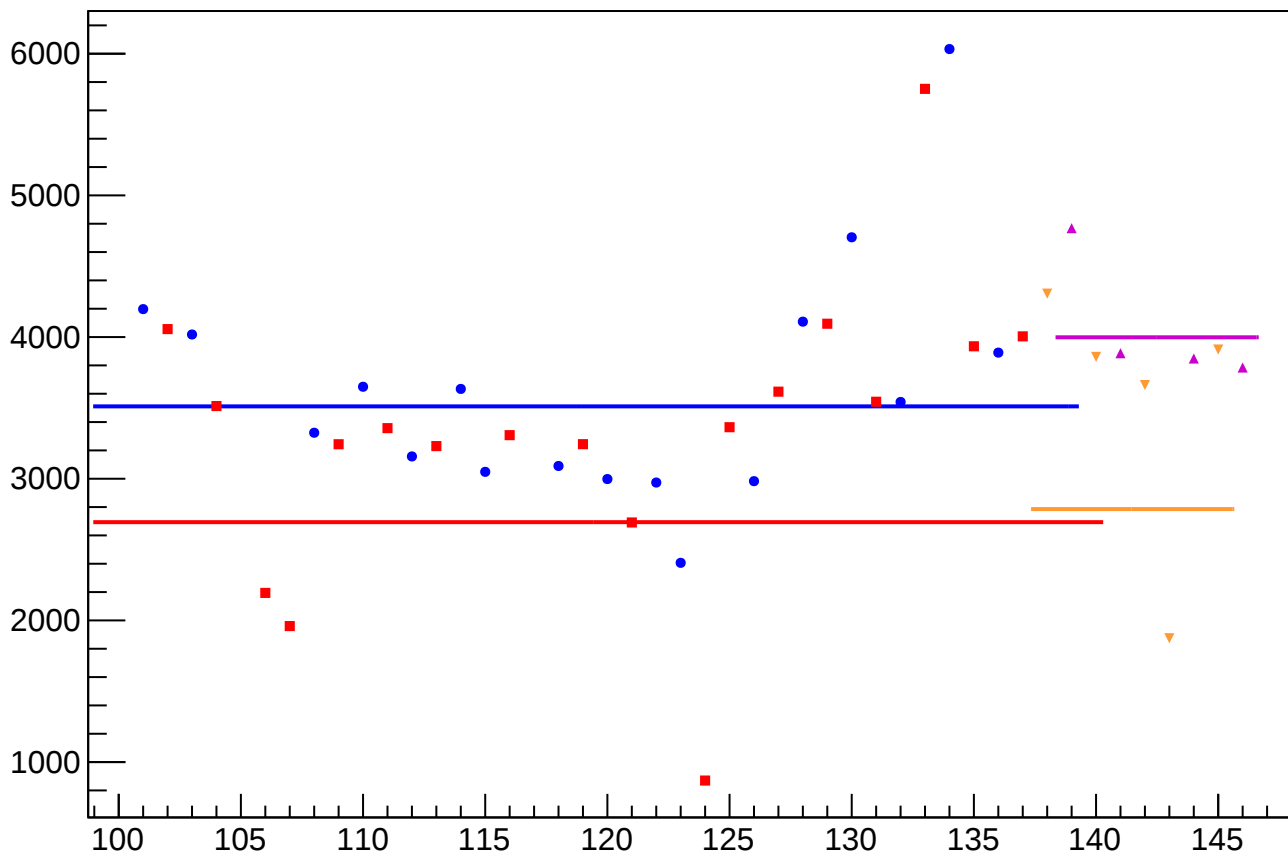
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 750.121+/-1168.263 χ^2/NDF : 16.6/20

Out: -596.465+/-909.082 χ^2/NDF : 24.2/22

All: -88.604+/-717.457 χ^2/NDF : 41.6/43

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: 2785.804+/-1.130 χ^2/NDF : 839467.8/4

Right Out: 2693.503+/-0.782 χ^2/NDF : 2125842.2/17

Left In: 3998.293+/-1.564 χ^2/NDF : 50583.2/3

Left: 3201.447+/-0.916 χ^2/NDF : 1285054.2/8

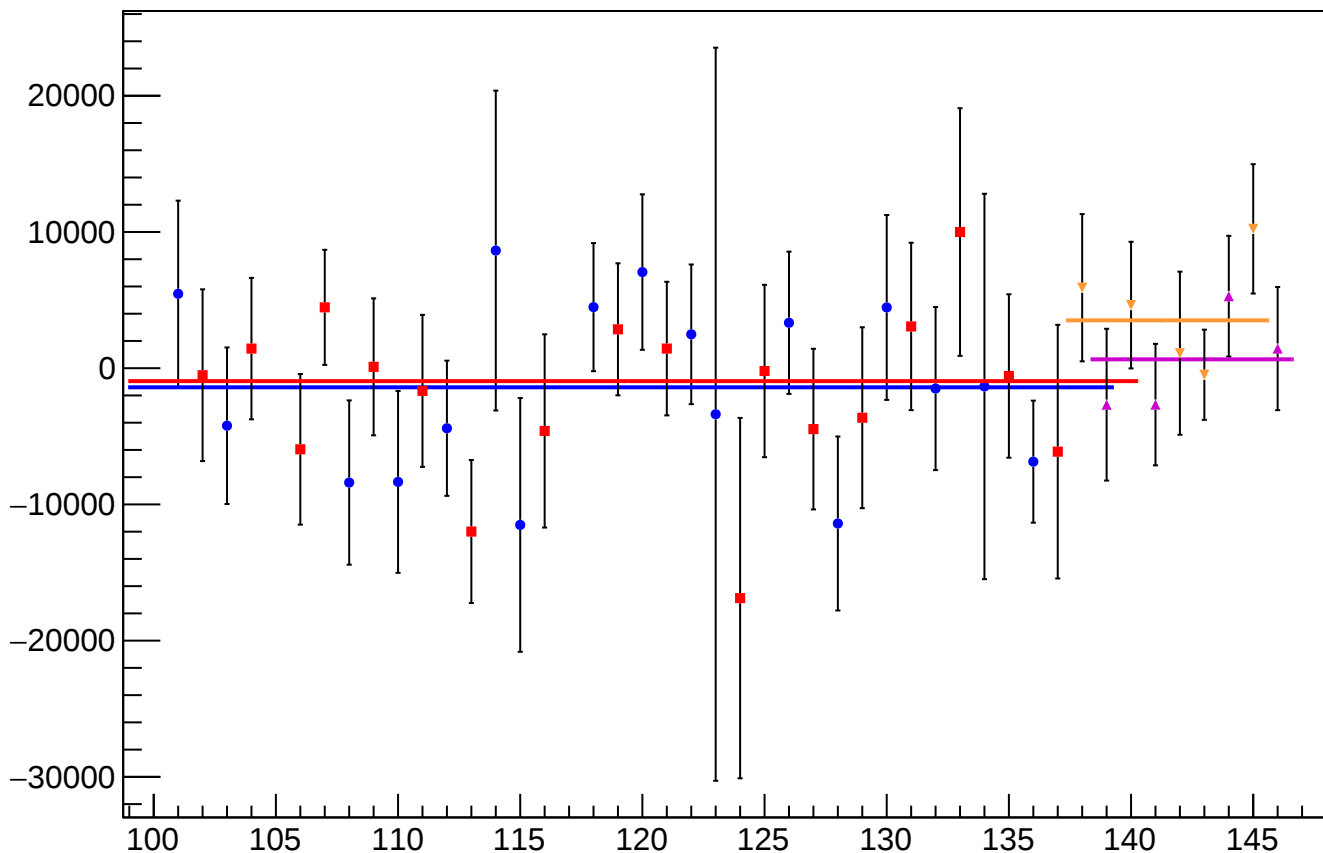
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3646.808+/-0.826 χ^2/NDF : 464690.1/20

Out: 2723.397+/-0.643 χ^2/NDF : 2969824.8/22

All: 3071.659+/-0.507 χ^2/NDF : 4212774.9/43

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: 3512.254 $\pm$ 2024.510 χ^2 /NDF: 3.9/4

Right Out: -947.960 $\pm$ 1382.709 χ^2 /NDF: 12.5/17

Left In: 651.079 $\pm$ 2342.142 χ^2 /NDF: 2.0/3

Left: 2288.694 $\pm$ 1531.629 χ^2 /NDF: 6.8/8

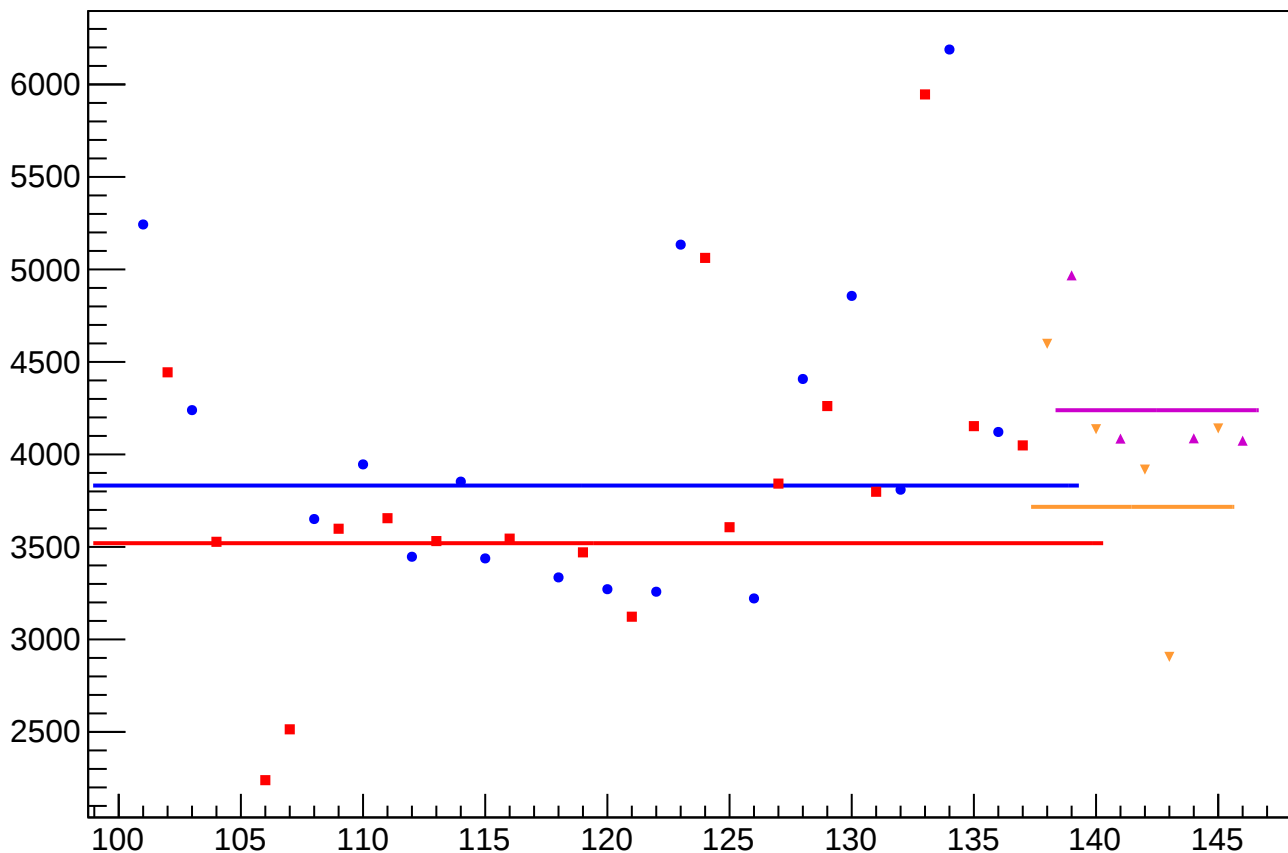
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -802.100 $\pm$ 1265.630 χ^2 /NDF: 18.4/20

Out: 470.787 $\pm$ 1141.812 χ^2 /NDF: 19.6/22

All: -100.363 $\pm$ 847.787 χ^2 /NDF: 38.6/43

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 $\pm$ 1.064 χ^2/NDF : 337707.1/16

Left Out: 3716.672 $\pm$ 1.432 χ^2/NDF : 207657.0/4

Right Out: 3520.188 $\pm$ 0.969 χ^2/NDF : 544143.8/17

Left In: 4238.991 $\pm$ 1.656 χ^2/NDF : 41602.6/3

Left: 3940.038 $\pm$ 1.083 χ^2/NDF : 306189.8/8

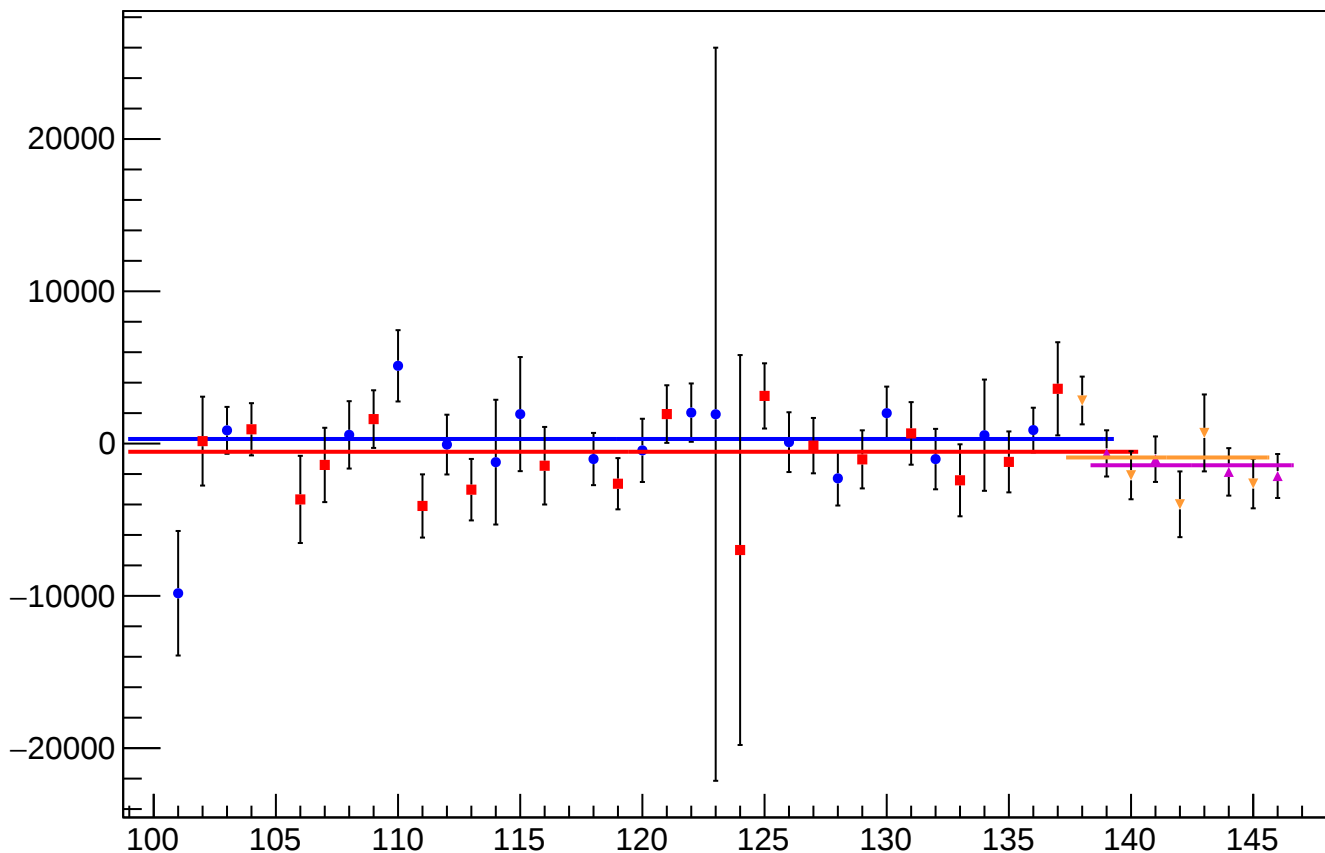
Right: 3661.502 $\pm$ 0.716 χ^2/NDF : 928771.8/34

In: 3950.710 $\pm$ 0.895 χ^2/NDF : 422105.3/20

Out: 3581.908 $\pm$ 0.802 χ^2/NDF : 764721.6/22

All: 3746.249 $\pm$ 0.597 χ^2/NDF : 1280980.0/43

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -912.253 ± 801.438 χ^2/NDF : 9.8/4

Right Out: -537.727 ± 508.684 χ^2/NDF : 17.5/17

Left In: -1424.122 ± 750.981 χ^2/NDF : 0.7/3

Left: -1184.807 ± 547.994 χ^2/NDF : 10.7/8

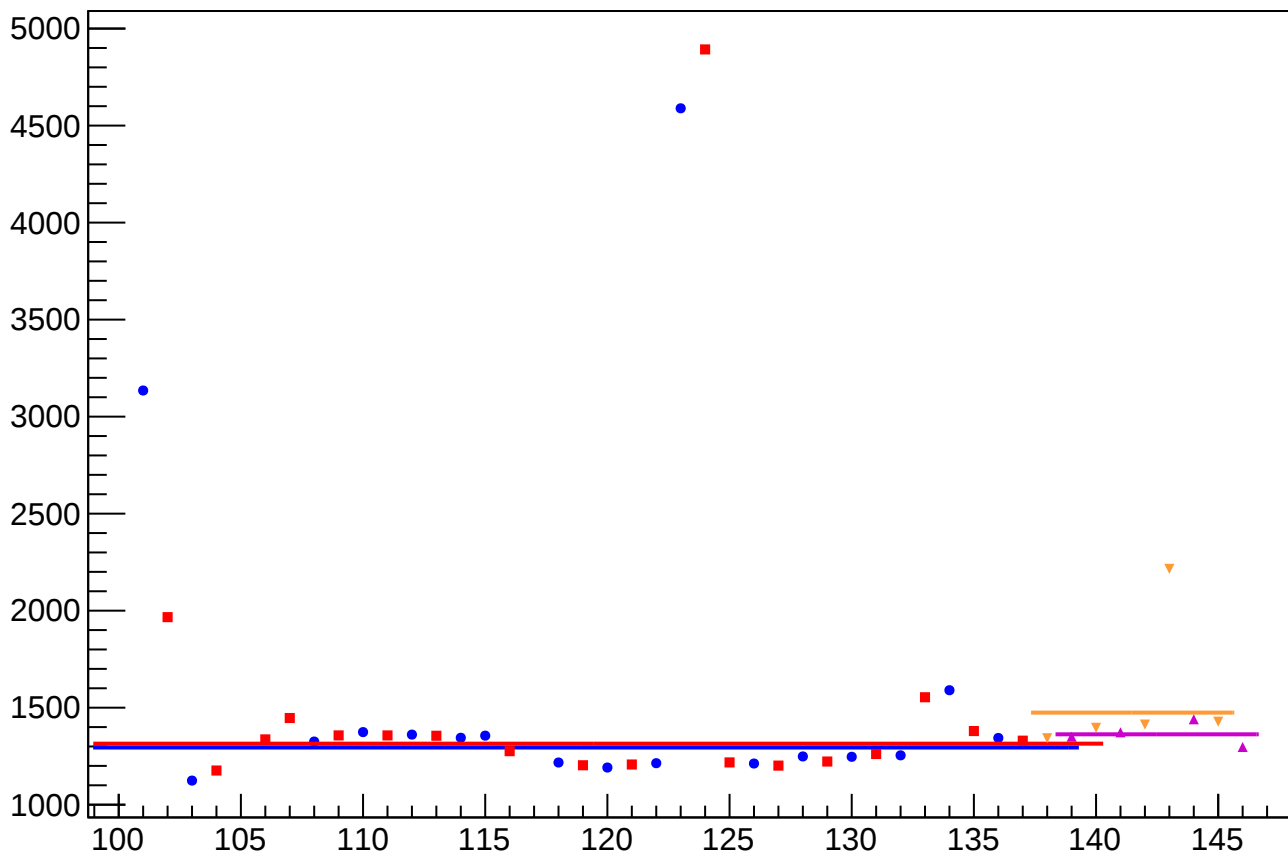
Right: -121.291 ± 361.152 χ^2/NDF : 34.9/34

In: -246.975 ± 423.507 χ^2/NDF : 20.3/20

Out: -645.280 ± 429.478 χ^2/NDF : 27.4/22

All: -443.340 ± 301.554 χ^2/NDF : 48.2/43

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: 1474.625 $\pm$ 0.567 χ^2 /NDF: 194379.4/4

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1362.763 $\pm$ 0.531 χ^2 /NDF: 9247.7/3

Left: 1415.062 $\pm$ 0.387 χ^2 /NDF: 224373.5/8

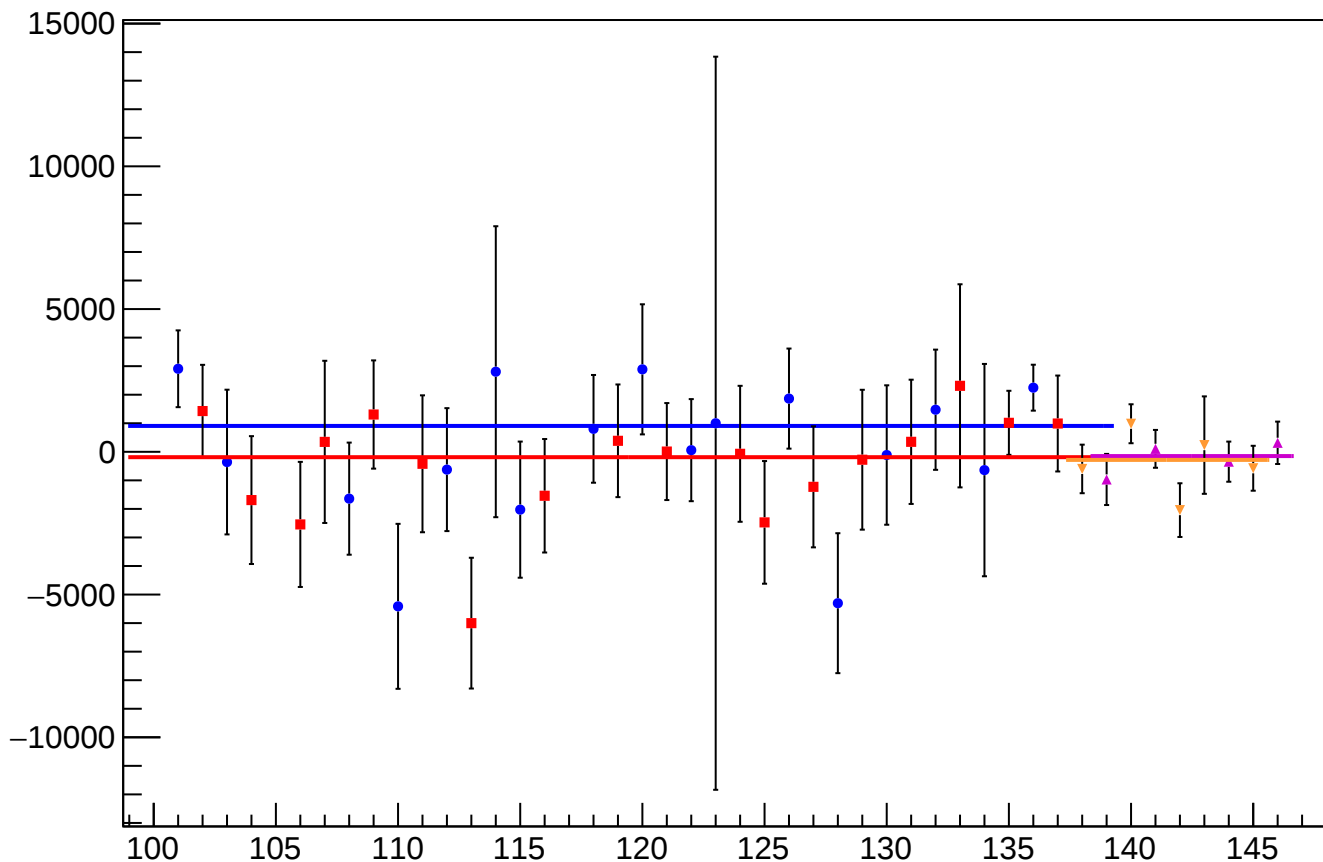
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1316.366 $\pm$ 0.299 χ^2 /NDF: 528245.8/20

Out: 1360.546 $\pm$ 0.304 χ^2 /NDF: 585065.8/22

All: 1338.147 $\pm$ 0.213 χ^2 /NDF: 1124041.8/43

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -283.358+/-388.663 χ^2/NDF : 7.3/4

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

Left In: -149.158+/-368.604 χ^2/NDF : 1.5/3

Left: -212.706+/-267.453 χ^2/NDF : 8.8/8

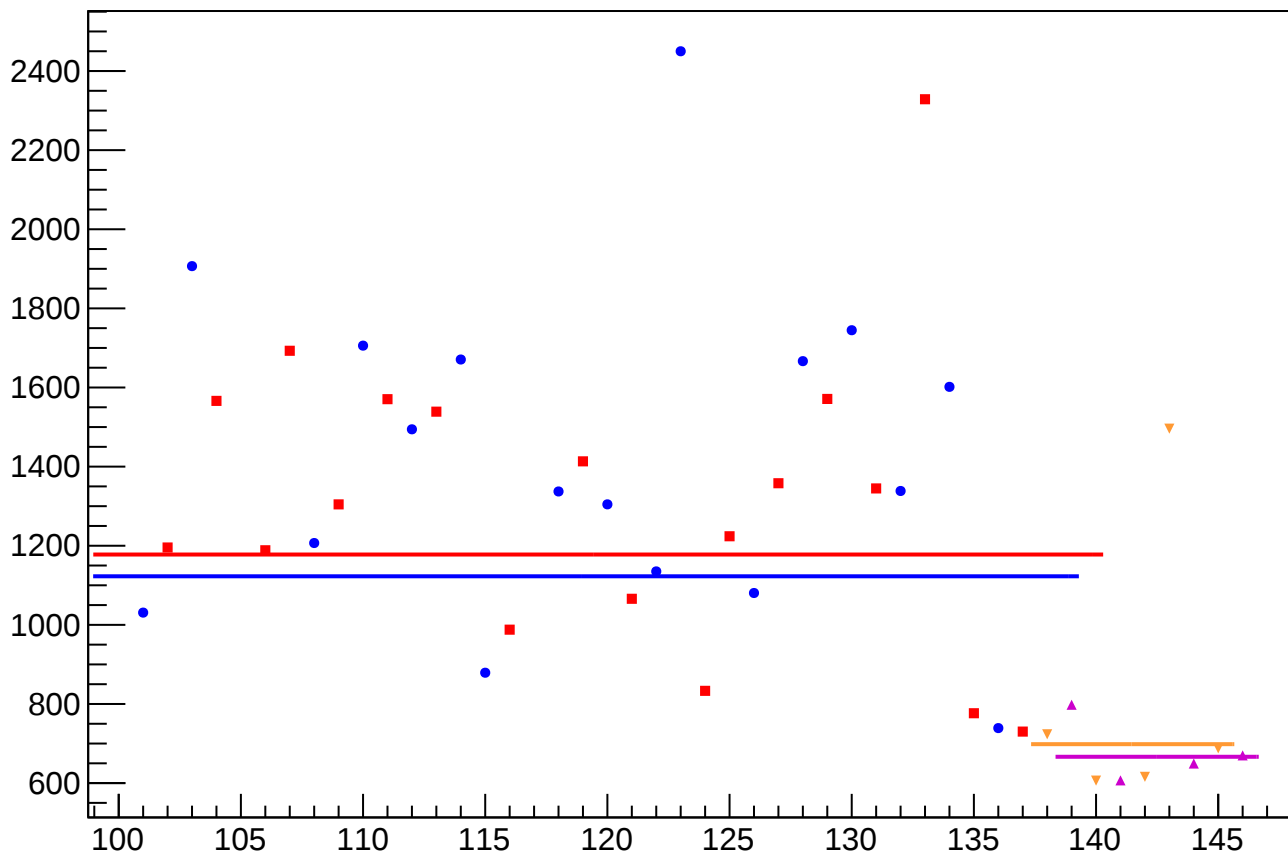
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 268.281+/-286.621 χ^2/NDF : 26.7/20

Out: -244.163+/-298.090 χ^2/NDF : 21.2/22

All: 22.106+/-206.607 χ^2/NDF : 49.4/43

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 698.405+/-0.275 χ^2/NDF : 490675.1/4

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 666.551+/-0.261 χ^2/NDF : 60562.7/3

Left: 681.635+/-0.189 χ^2/NDF : 558310.6/8

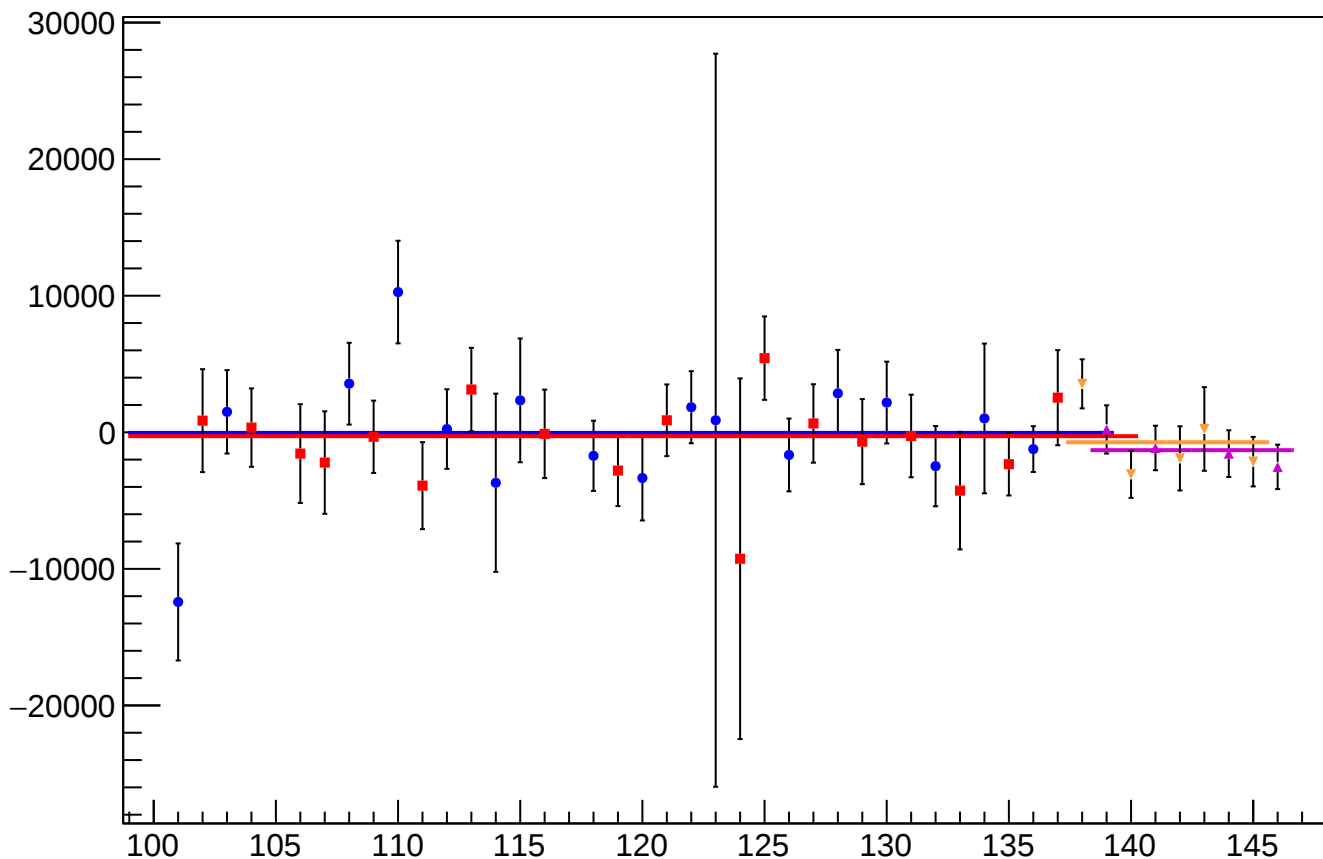
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 846.923+/-0.203 χ^2/NDF : 2459870.4/20

Out: 895.804+/-0.211 χ^2/NDF : 2765294.3/22

All: 870.405+/-0.146 χ^2/NDF : 5253109.6/43

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: -730.845 ± 898.787 $\chi^2/\text{NDF}: 8.5/4$

Right Out: -285.373 ± 735.391 $\chi^2/\text{NDF}: 10.6/17$

Left In: -1309.224 ± 840.274 $\chi^2/\text{NDF}: 1.3/3$

Left: -1039.473 ± 613.808 $\chi^2/\text{NDF}: 10.0/8$

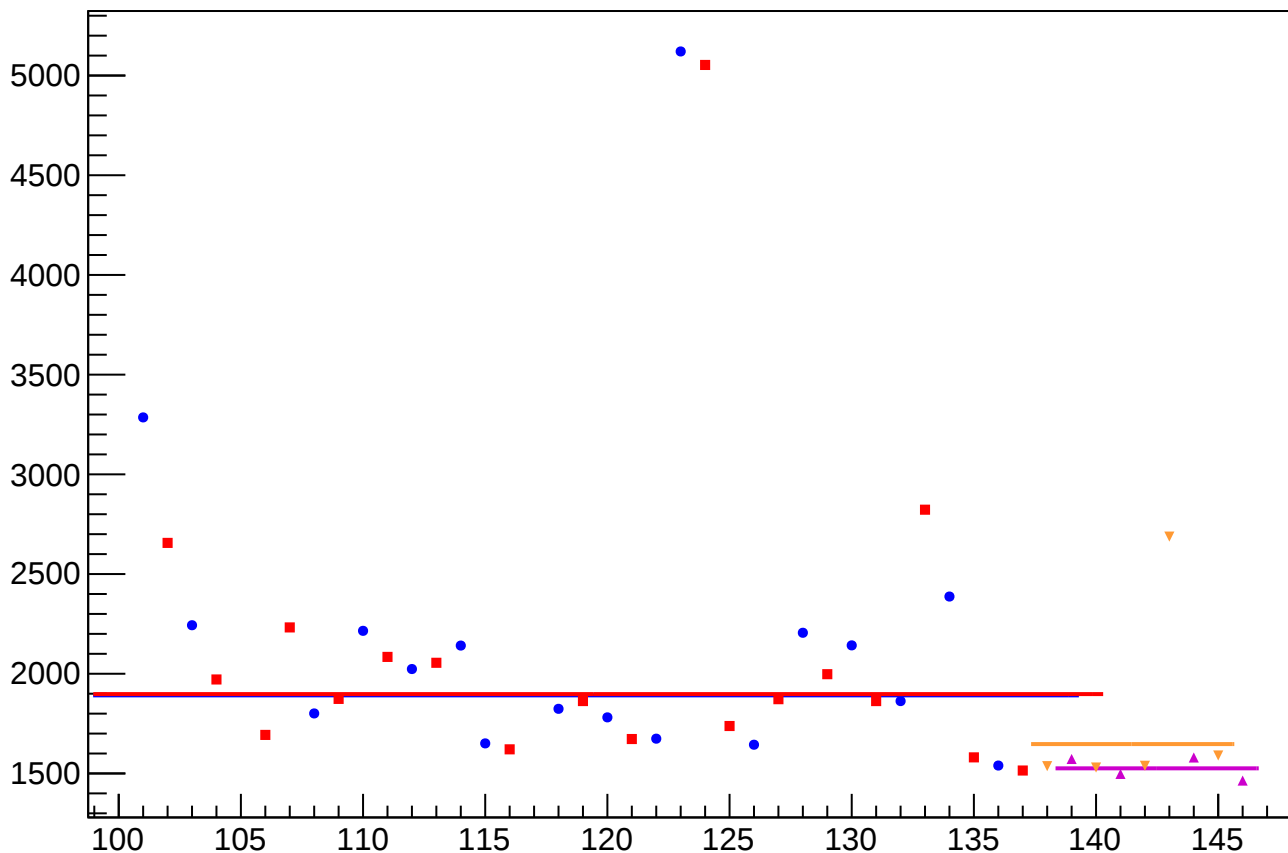
Right: -166.852 ± 524.259 $\chi^2/\text{NDF}: 33.9/34$

In: -603.215 ± 558.531 $\chi^2/\text{NDF}: 25.8/20$

Out: -464.009 ± 569.155 $\chi^2/\text{NDF}: 19.2/22$

All: -534.923 ± 398.644 $\chi^2/\text{NDF}: 45.1/43$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1647.320+/-0.636 χ^2/NDF : 254033.0/4

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1525.662+/-0.594 χ^2/NDF : 6863.4/3

Left: 1582.402+/-0.434 χ^2/NDF : 280450.0/8

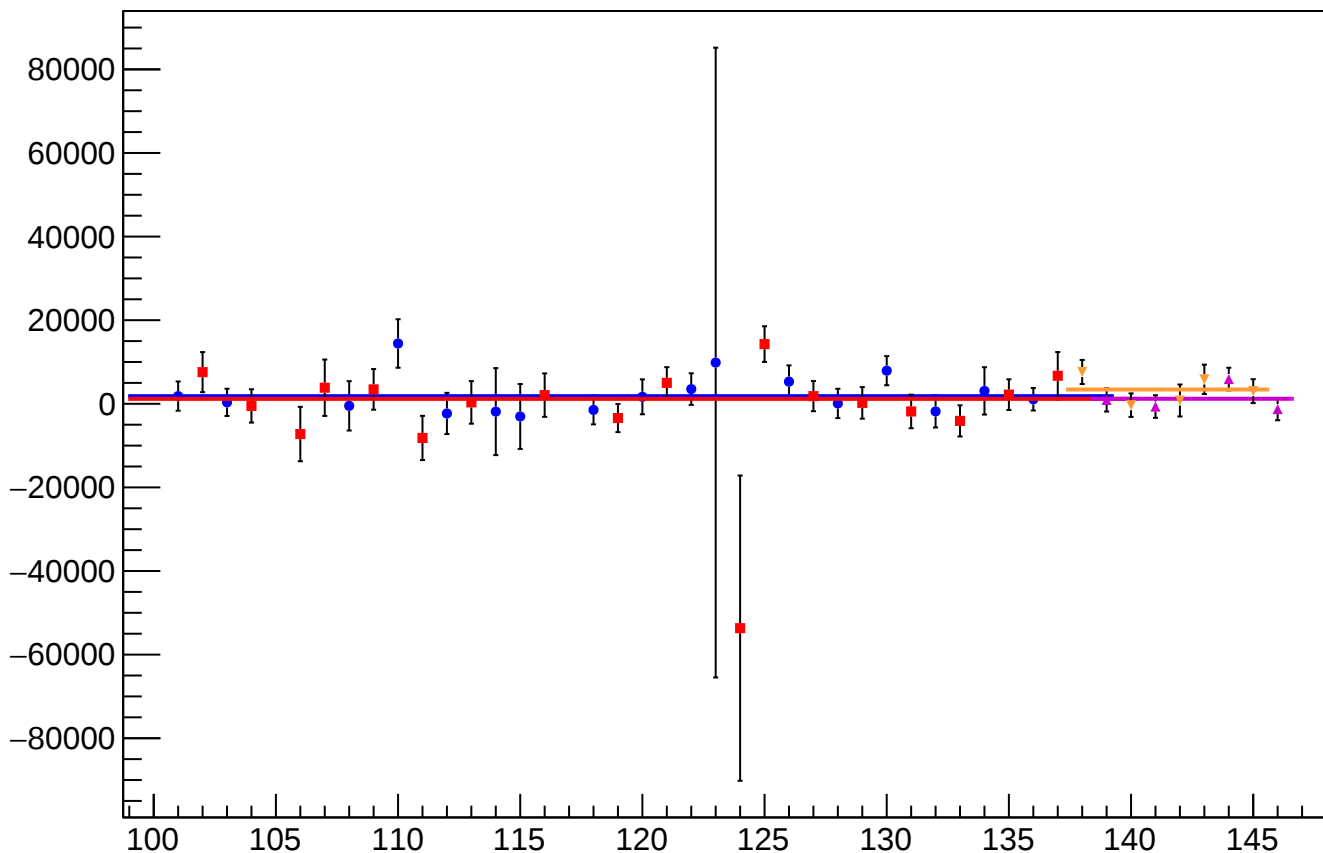
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1729.958+/-0.395 χ^2/NDF : 687756.8/20

Out: 1797.484+/-0.402 χ^2/NDF : 770928.6/22

All: 1763.085+/-0.282 χ^2/NDF : 1473027.1/43

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 3419.353+/-1388.979 χ^2/NDF : 4.9/4

Right Out: 1182.804+/-1049.924 χ^2/NDF : 25.5/17

Left In: 1201.128+/-1356.568 χ^2/NDF : 4.4/3

Left: 2284.058+/-970.494 χ^2/NDF : 10.5/8

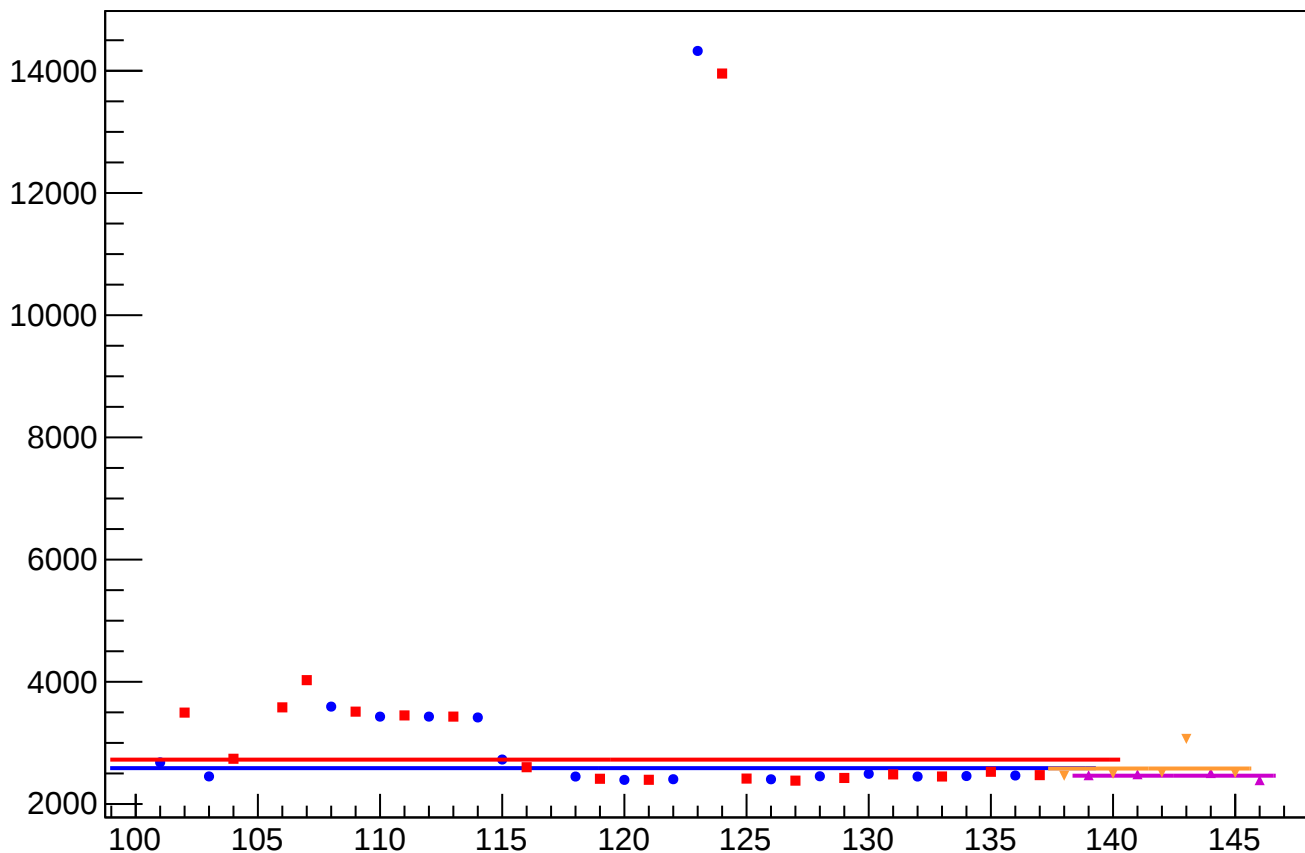
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

In: 1602.487+/-810.210 χ^2/NDF : 17.1/20

Out: 1996.050+/-837.563 χ^2/NDF : 32.0/22

All: 1792.737+/-582.335 χ^2/NDF : 49.1/43

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2580.848 $\pm$ 0.982 χ^2 /NDF:45203.3/4

Right Out: 2726.457 $\pm$ 0.742 χ^2 /NDF: 580850.1/17

Left In: 2463.372 $\pm$ 0.959 χ^2 /NDF:2195.4/3

Left: 2520.723 $\pm$ 0.686 χ^2 /NDF: 54720.8/8

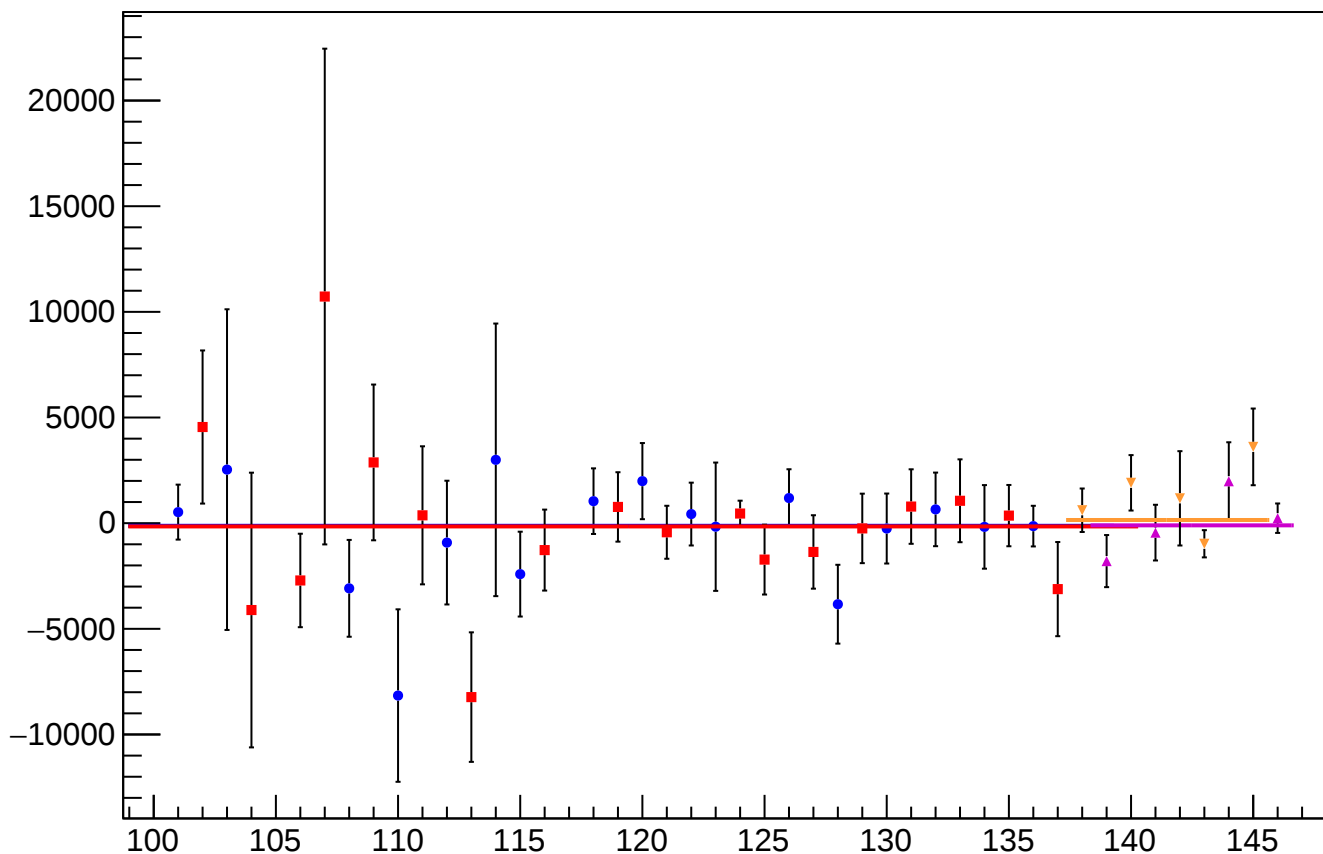
Right: 2654.027 $\pm$ 0.515 χ^2 /NDF: 853292.0/34

In: 2542.887 $\pm$ 0.573 χ^2 /NDF:266989.8/20

Out: 2673.511 $\pm$ 0.592 χ^2 /NDF:640040.6/22

All: 2606.031 $\pm$ 0.412 χ^2 /NDF: 932160.5/43

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 150.355+/-474.467 χ^2/NDF : 8.9/4

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: -103.188+/-527.955 χ^2/NDF : 3.5/3

Left: 37.074+/-352.899 χ^2/NDF : 12.5/8

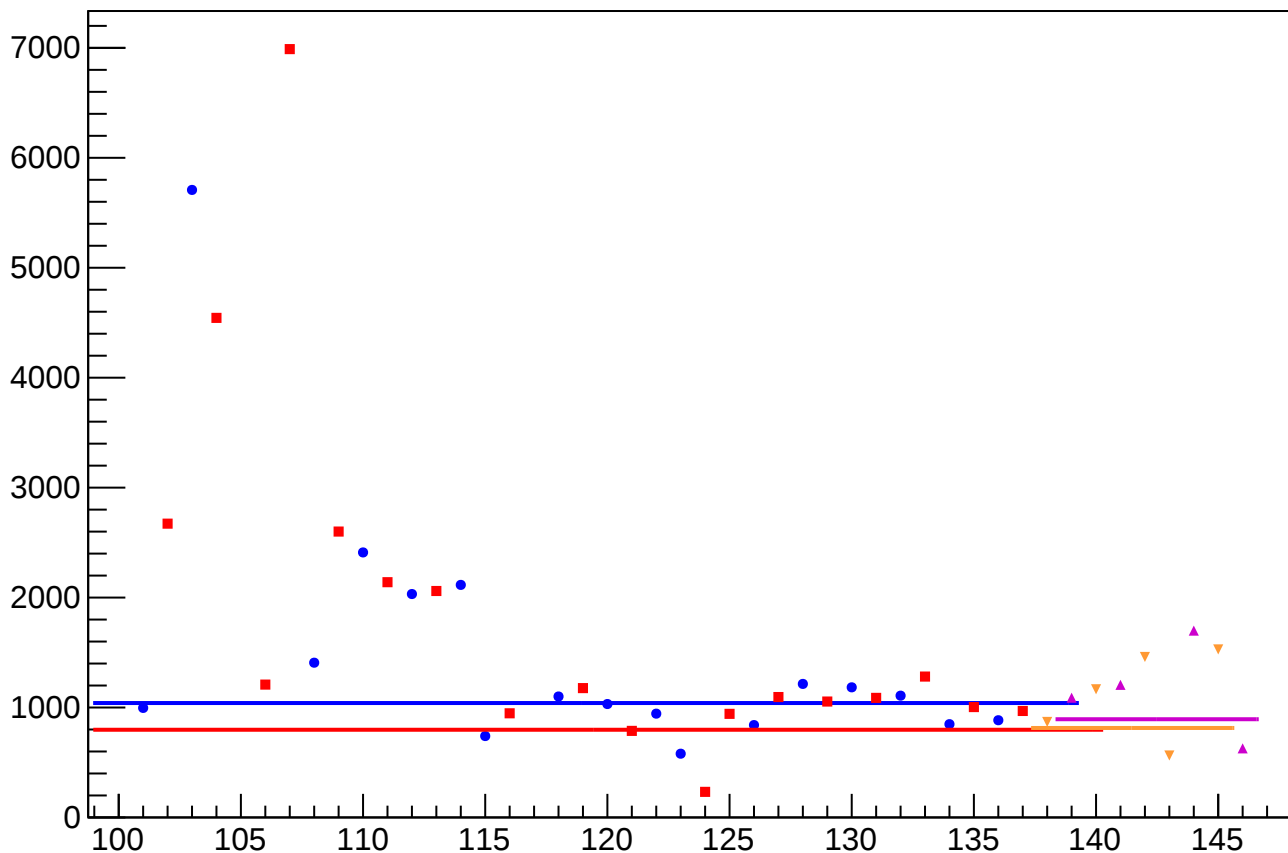
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -115.966+/-333.763 χ^2/NDF : 18.2/20

Out: -35.065+/-297.038 χ^2/NDF : 26.7/22

All: -70.821+/-221.890 χ^2/NDF : 44.9/43

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 $\pm$ 0.305 χ^2 /NDF: 1573034.8/16

Left Out: 813.892 $\pm$ 0.335 χ^2 /NDF: 929207.0/4

Right Out: 797.732 $\pm$ 0.269 χ^2 /NDF: 5174332.0/17

Left In: 893.427 $\pm$ 0.373 χ^2 /NDF: 834405.4/3

Left: 849.428 $\pm$ 0.250 χ^2 /NDF: 1788722.2/8

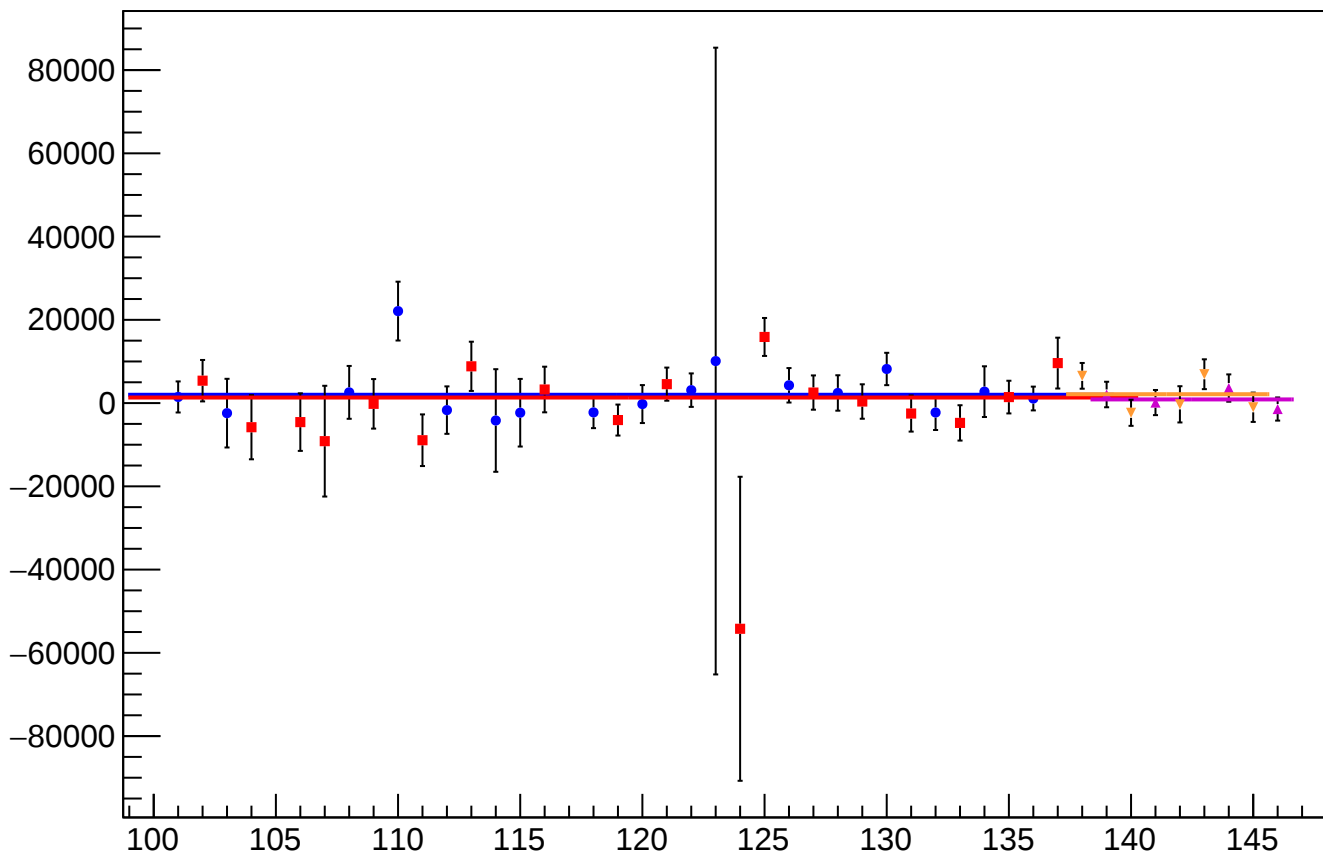
Right: 904.380 $\pm$ 0.202 χ^2 /NDF: 7104613.1/34

In: 981.878 $\pm$ 0.236 χ^2 /NDF: 2500946.4/20

Out: 804.065 $\pm$ 0.210 χ^2 /NDF: 6104949.7/22

All: 882.655 $\pm$ 0.157 χ^2 /NDF: 8922658.1/43

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 2131.162+/-1547.632 χ^2/NDF : 7.0/4

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 878.778+/-1510.692 χ^2/NDF : 1.6/3

Left: 1489.845+/-1081.044 χ^2/NDF : 8.9/8

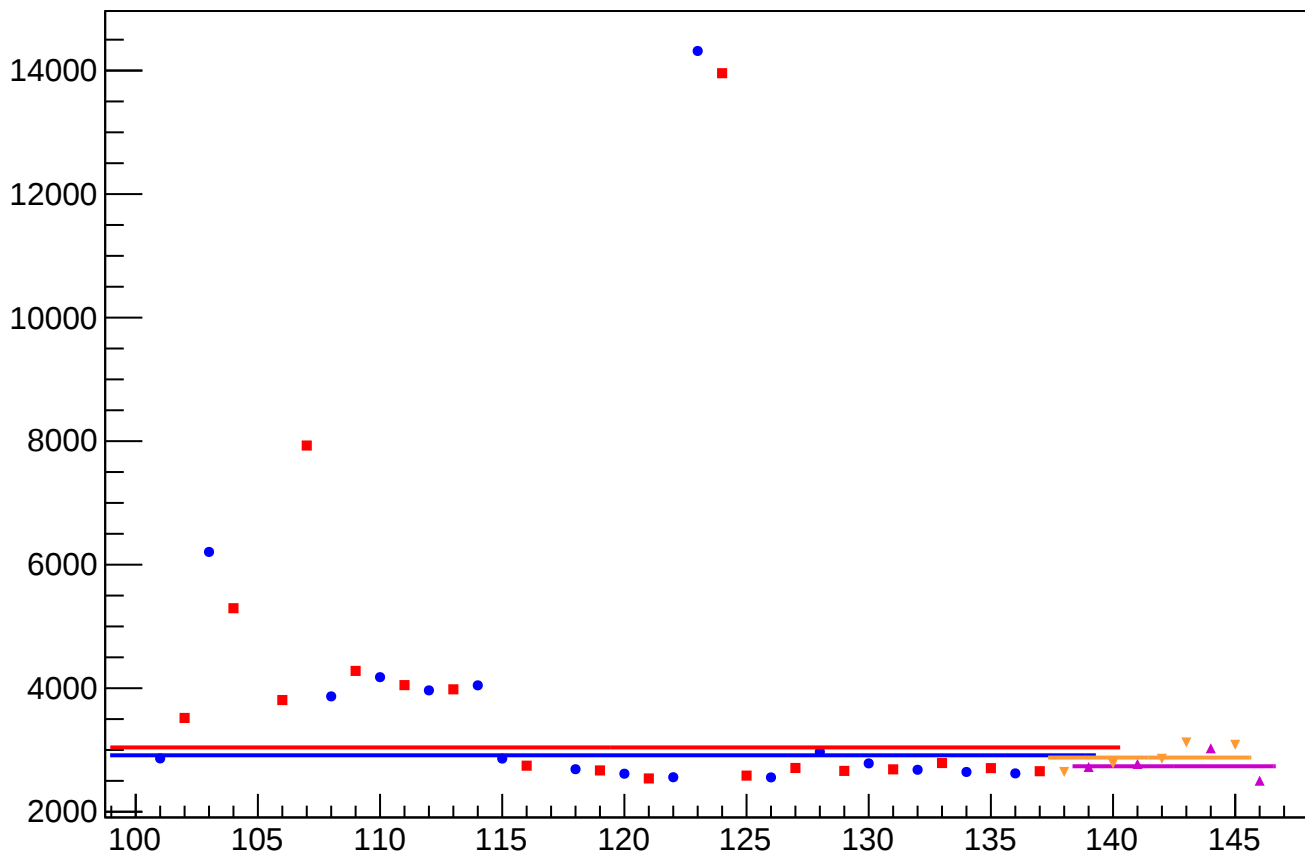
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1583.997+/-917.579 χ^2/NDF : 16.9/20

Out: 1633.004+/-945.221 χ^2/NDF : 34.6/22

All: 1607.773+/-658.382 χ^2/NDF : 51.5/43

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2877.249+/-1.094 χ^2/NDF : 29565.0/4

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2736.155+/-1.068 χ^2/NDF : 30175.5/3

Left: 2804.998+/-0.764 χ^2/NDF : 68252.6/8

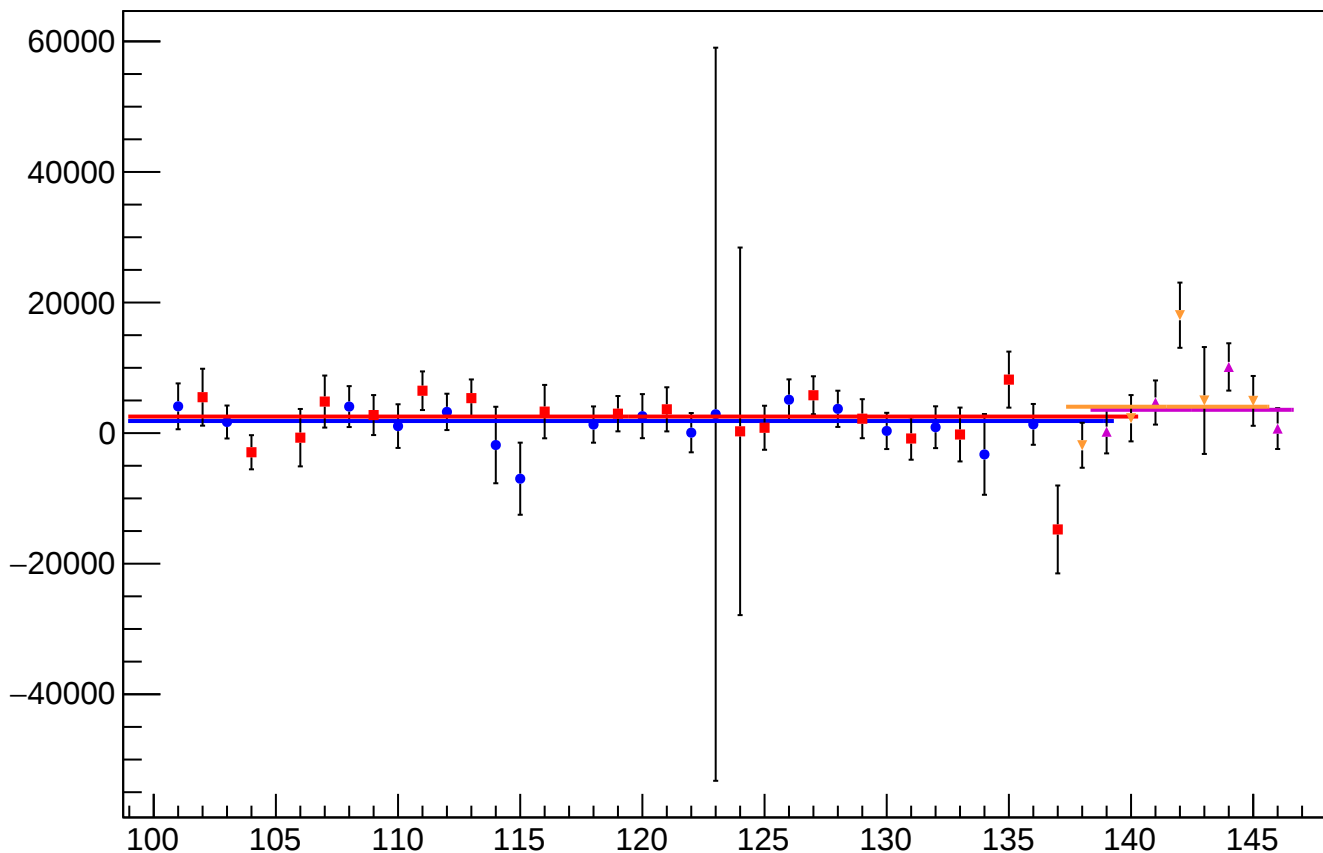
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2848.310+/-0.649 χ^2/NDF : 686627.7/20

Out: 2980.060+/-0.668 χ^2/NDF : 1047225.8/22

All: 2912.231+/-0.466 χ^2/NDF : 1753858.2/43

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 4042.217+/-1865.134 χ^2/NDF :11.1/4

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 3570.203+/-1675.559 χ^2/NDF :5.2/3

Left: 3781.010+/-1246.450 χ^2/NDF : 16.4/8

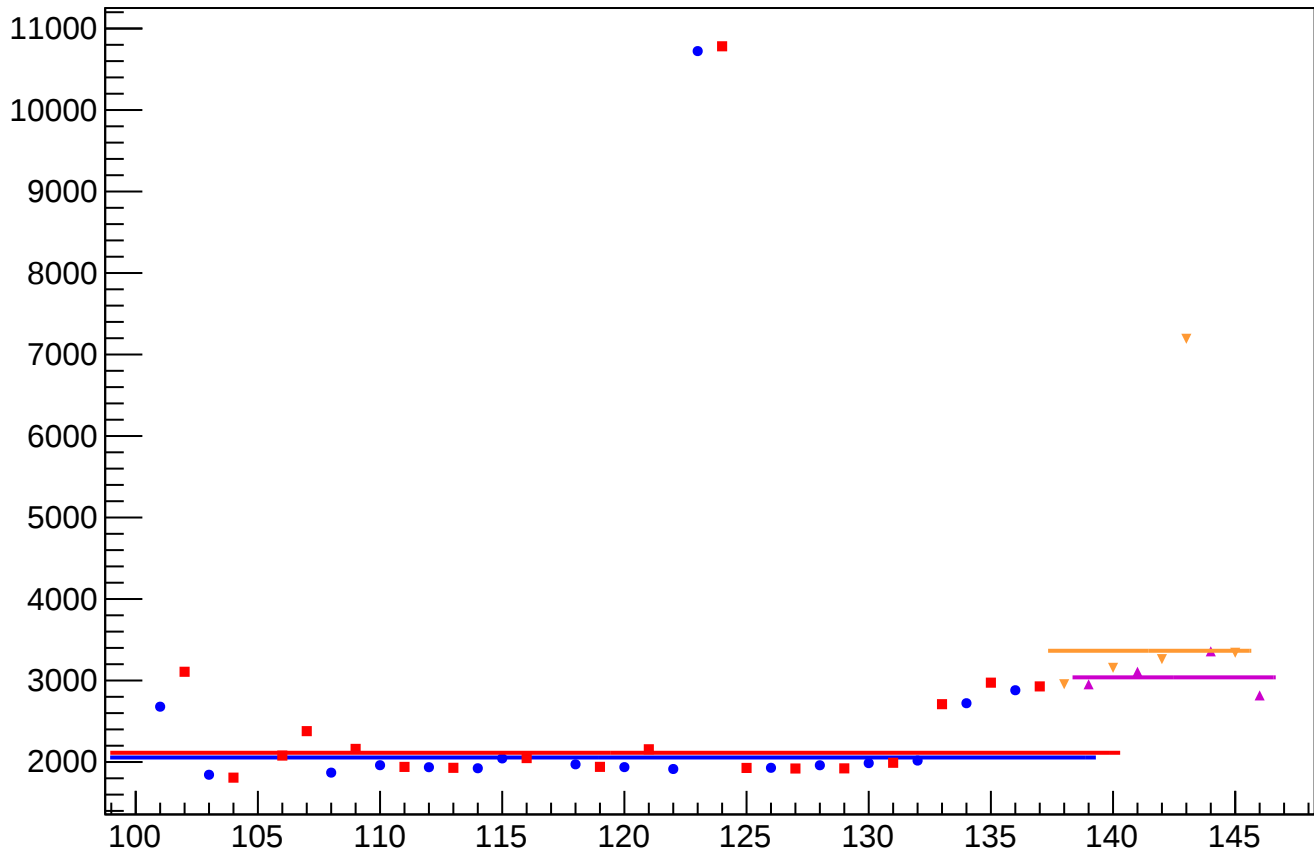
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2173.817+/-726.890 χ^2/NDF :13.4/20

Out: 2778.938+/-750.136 χ^2/NDF :31.7/22

All: 2466.856+/-522.014 χ^2/NDF : 45.4/43

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 3364.947 $\pm$ 1.319 χ^2/NDF : 473617.4/4

Right Out: 2113.304 $\pm$ 0.578 χ^2/NDF : 532006.4/17

Left In: 3038.725 $\pm$ 1.185 χ^2/NDF : 27675.8/3

Left: 3184.419 $\pm$ 0.881 χ^2/NDF : 535151.4/8

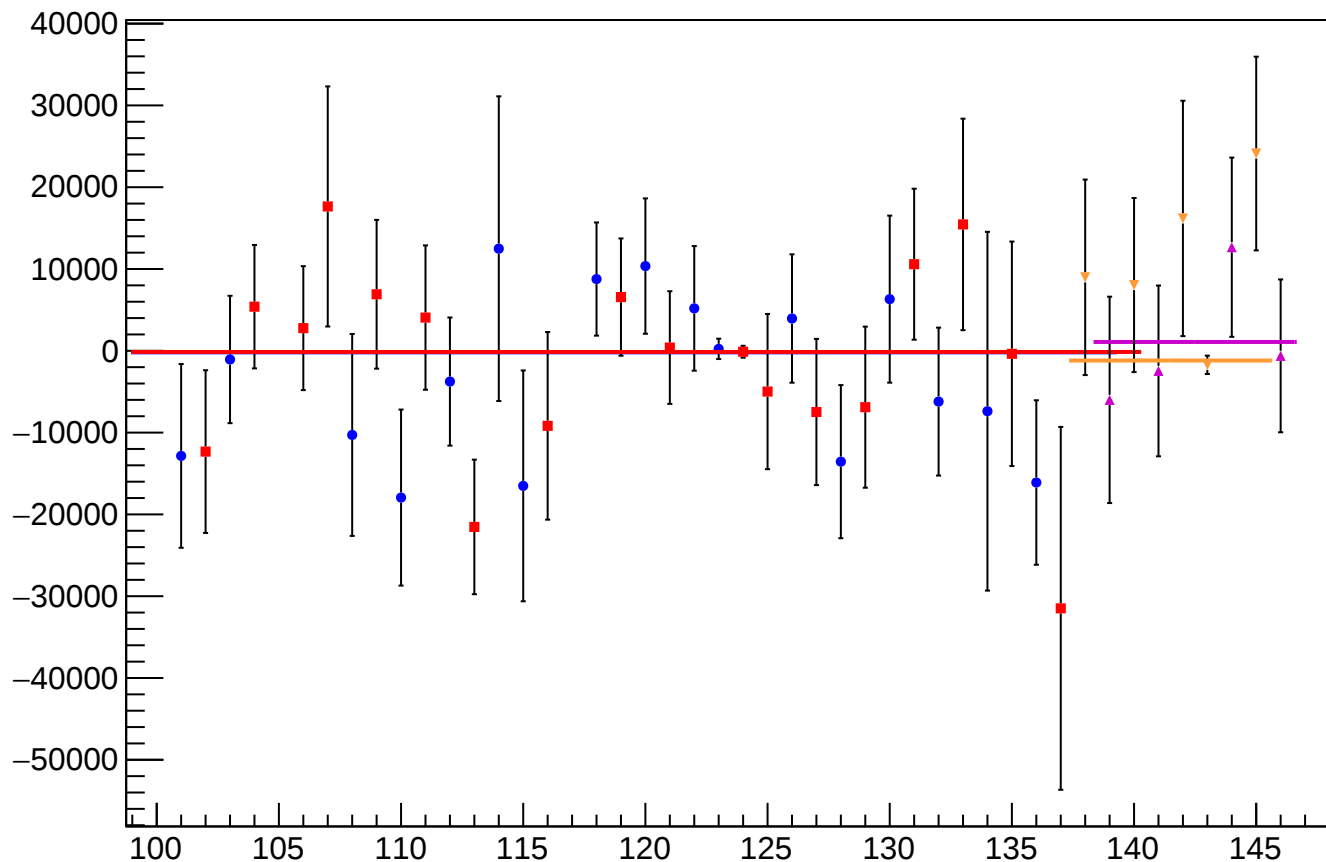
Right: 2083.972 $\pm$ 0.406 χ^2/NDF : 853461.4/34

In: 2240.499 $\pm$ 0.514 χ^2/NDF : 903190.0/20

Out: 2315.255 $\pm$ 0.530 χ^2/NDF : 1760980.6/22

All: 2276.748 $\pm$ 0.369 χ^2/NDF : 2674427.8/43

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1187.808+/-1103.131 χ^2/NDF : 7.7/4

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 1082.997+/-5326.511 χ^2/NDF : 1.6/3

Left: -1094.416+/-1080.209 χ^2/NDF : 9.5/8

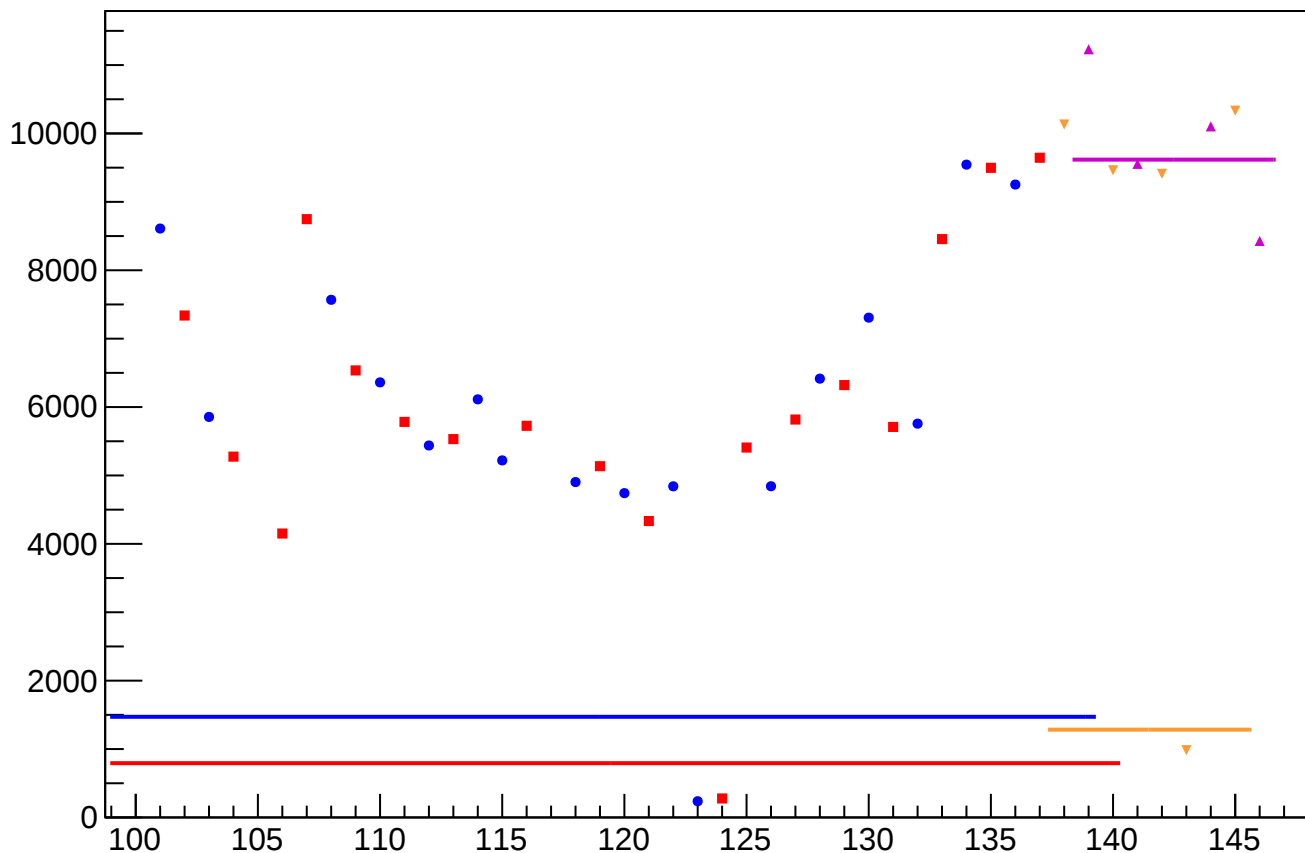
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -133.299+/-1078.000 χ^2/NDF : 18.0/20

Out: -436.652+/-585.586 χ^2/NDF : 27.3/22

All: -367.534+/-514.567 χ^2/NDF : 45.4/43

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1283.682+/-0.780

χ^2/NDF : 4225921.5/4

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9617.622+/-3.766

χ^2/NDF : 69124.0/3

Left: 1626.434+/-0.764

χ^2/NDF : 8989726.8/8

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 1805.263+/-0.762

χ^2/NDF : 14343507.3/20

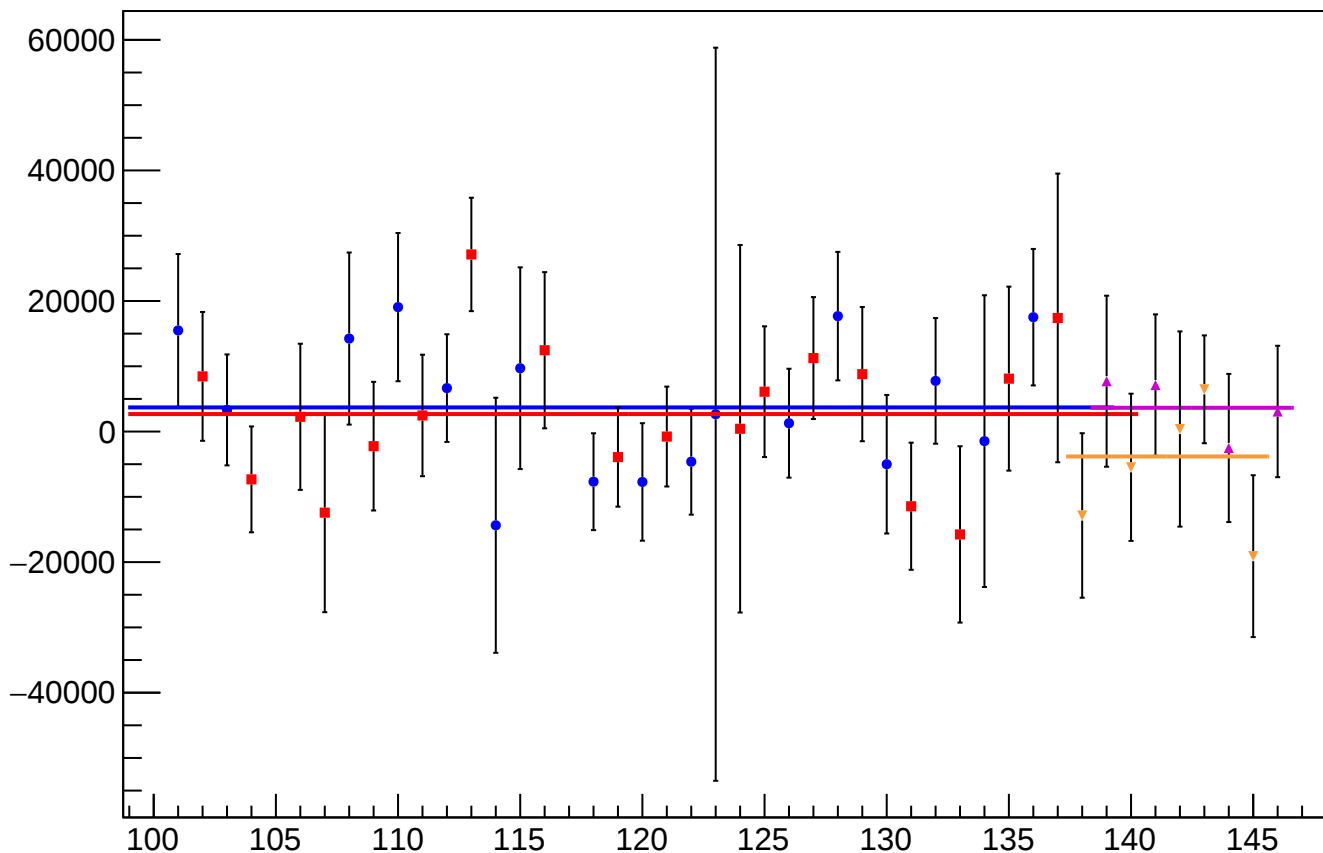
Out: 931.743+/-0.414

χ^2/NDF : 15931944.5/22

All: 1130.773+/-0.364

χ^2/NDF : 31289458.5/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -3813.577+/-5012.812 χ^2/NDF : 3.7/4

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 3642.005+/-5590.813 χ^2/NDF : 0.5/3

Left: -490.984+/-3732.268 χ^2/NDF : 5.2/8

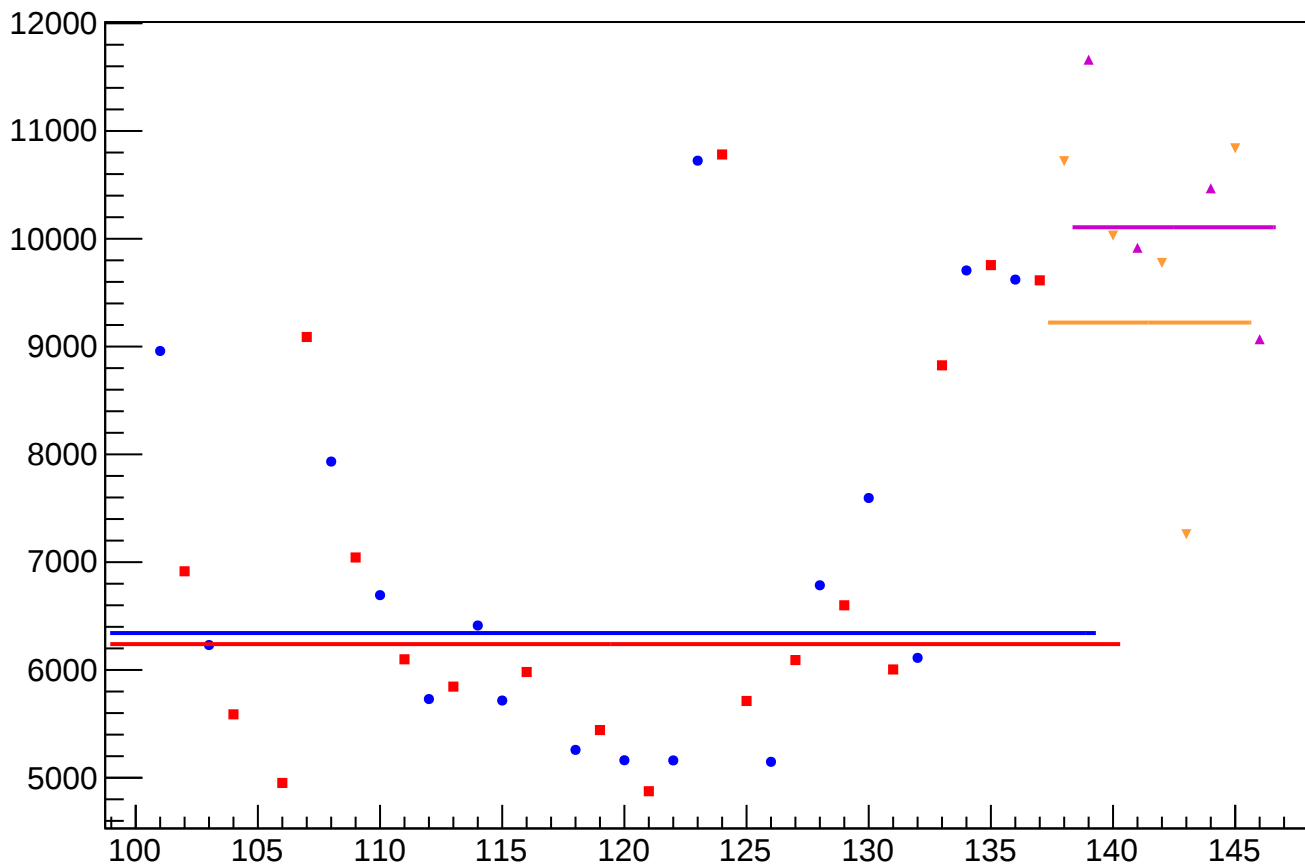
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3688.923+/-2295.852 χ^2/NDF : 14.9/20

Out: 1445.117+/-2185.641 χ^2/NDF : 23.6/22

All: 2511.872+/-1583.010 χ^2/NDF : 39.0/43

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9222.799+/-3.545 χ^2/NDF :188180.7/4

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10106.781+/-3.953 χ^2/NDF :52102.7/3

Left: 9616.747+/-2.639 χ^2/NDF : 268000.7/8

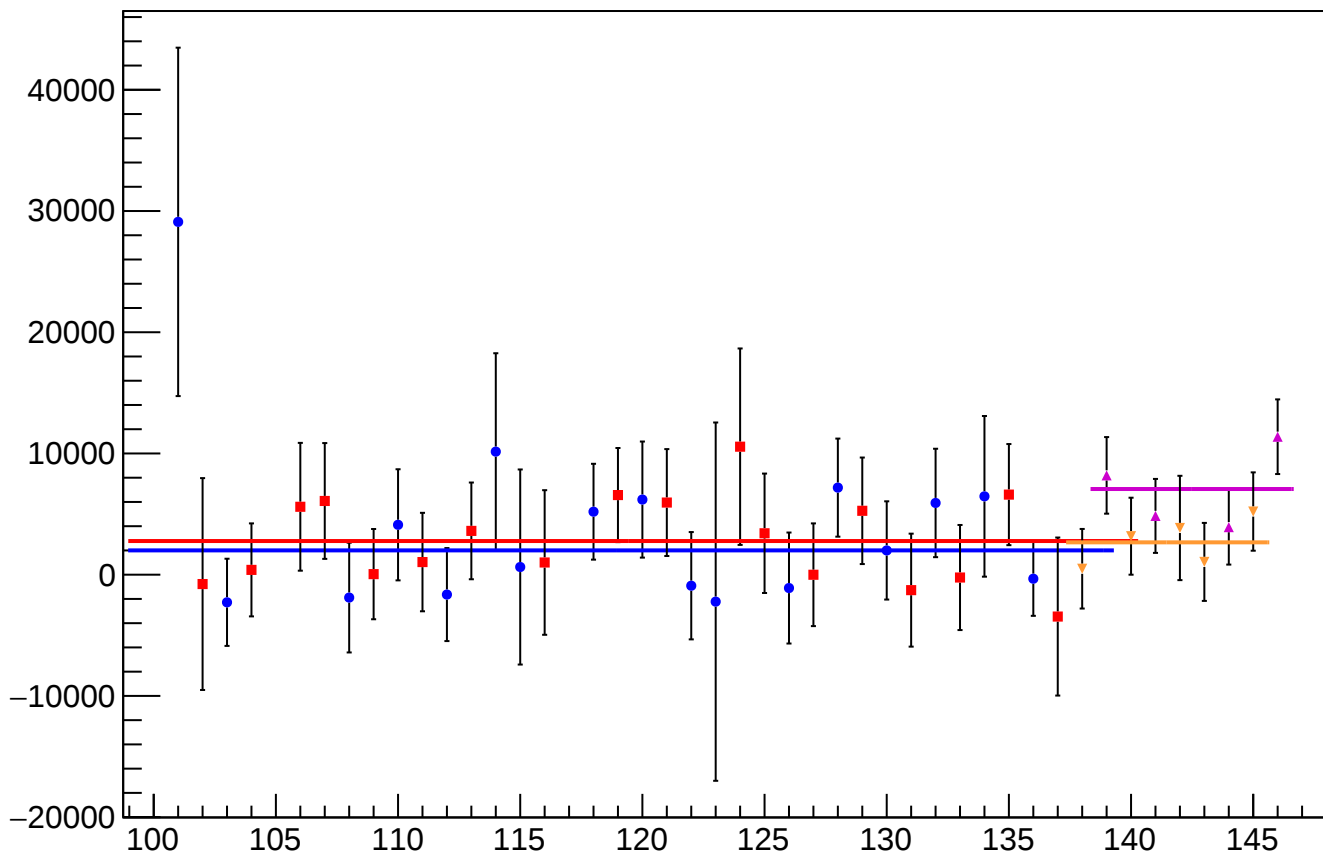
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 6977.126+/-1.623 χ^2/NDF :1399610.6/20

Out: 6806.782+/-1.545 χ^2/NDF :1291053.4/22

All: 6887.764+/-1.119 χ^2/NDF : 2696439.9/43

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2667.567+/-1510.354 χ^2/NDF : 1.4/4

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 7067.661+/-1547.050 χ^2/NDF : 3.7/3

Left: 4814.810+/-1080.722 χ^2/NDF : 9.2/8

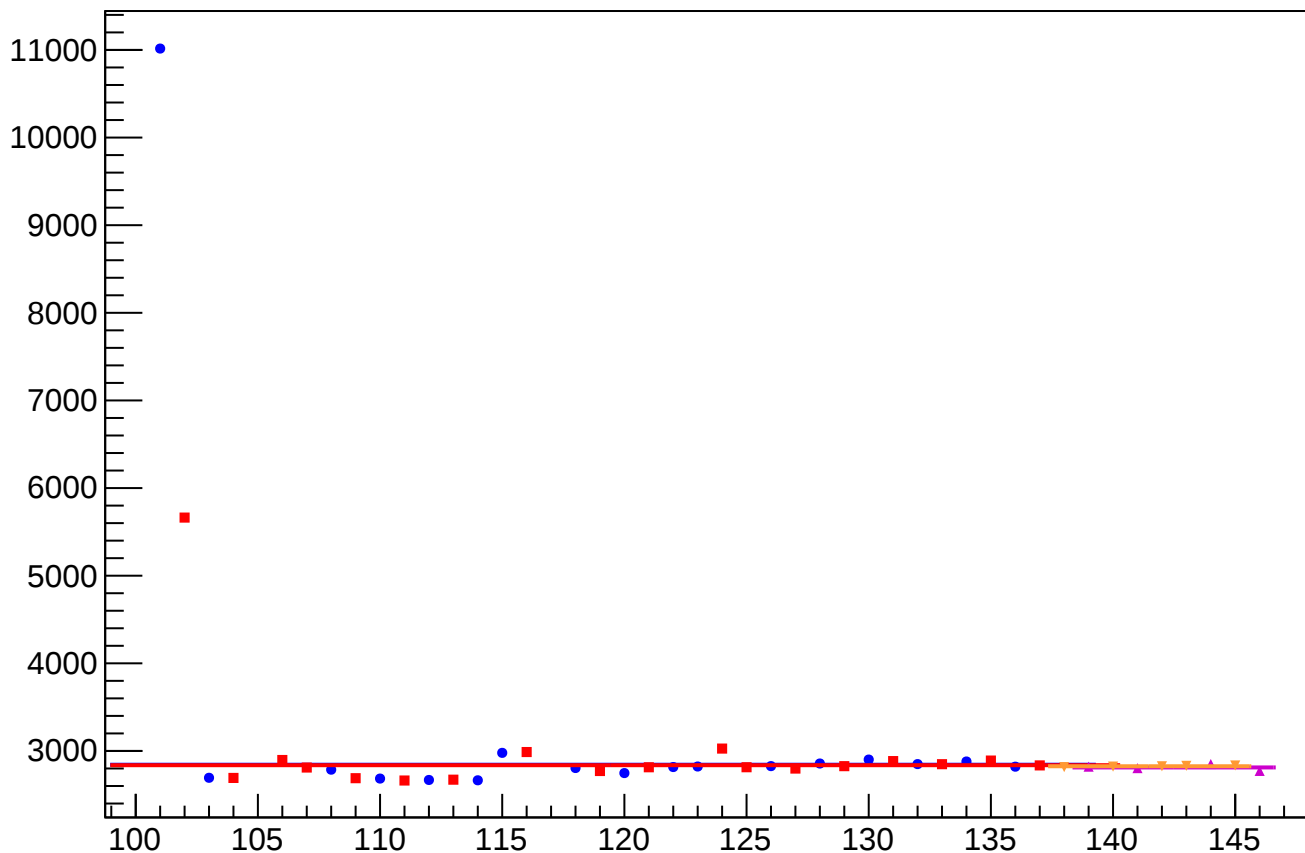
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 3756.759+/-910.092 χ^2/NDF : 24.4/20

Out: 2739.036+/-882.163 χ^2/NDF : 9.7/22

All: 3232.042+/-633.427 χ^2/NDF : 34.7/43

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2825.383+/-1.068 χ^2/NDF : 40.2/4

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2811.827+/-1.094 χ^2/NDF : 680.9/3

Left: 2818.768+/-0.764 χ^2/NDF : 799.8/8

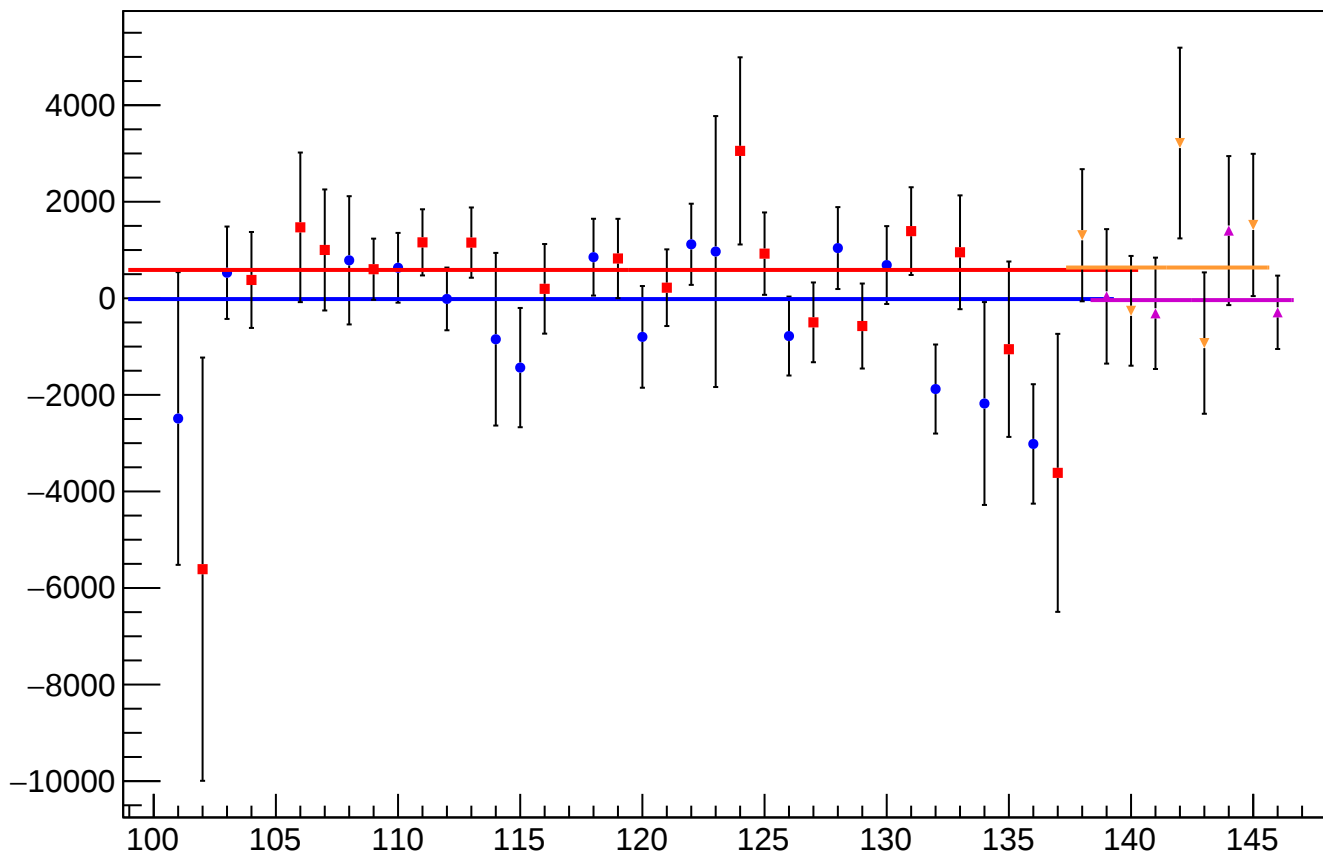
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2831.969+/-0.644 χ^2/NDF : 661504.5/20

Out: 2833.326+/-0.624 χ^2/NDF : 226546.1/22

All: 2832.669+/-0.448 χ^2/NDF : 888052.9/43

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: 637.663 ± 633.536 χ^2/NDF : 4.1/4

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: -36.905 ± 540.783 χ^2/NDF : 1.0/3

Left: 247.429 ± 411.313 χ^2/NDF : 5.8/8

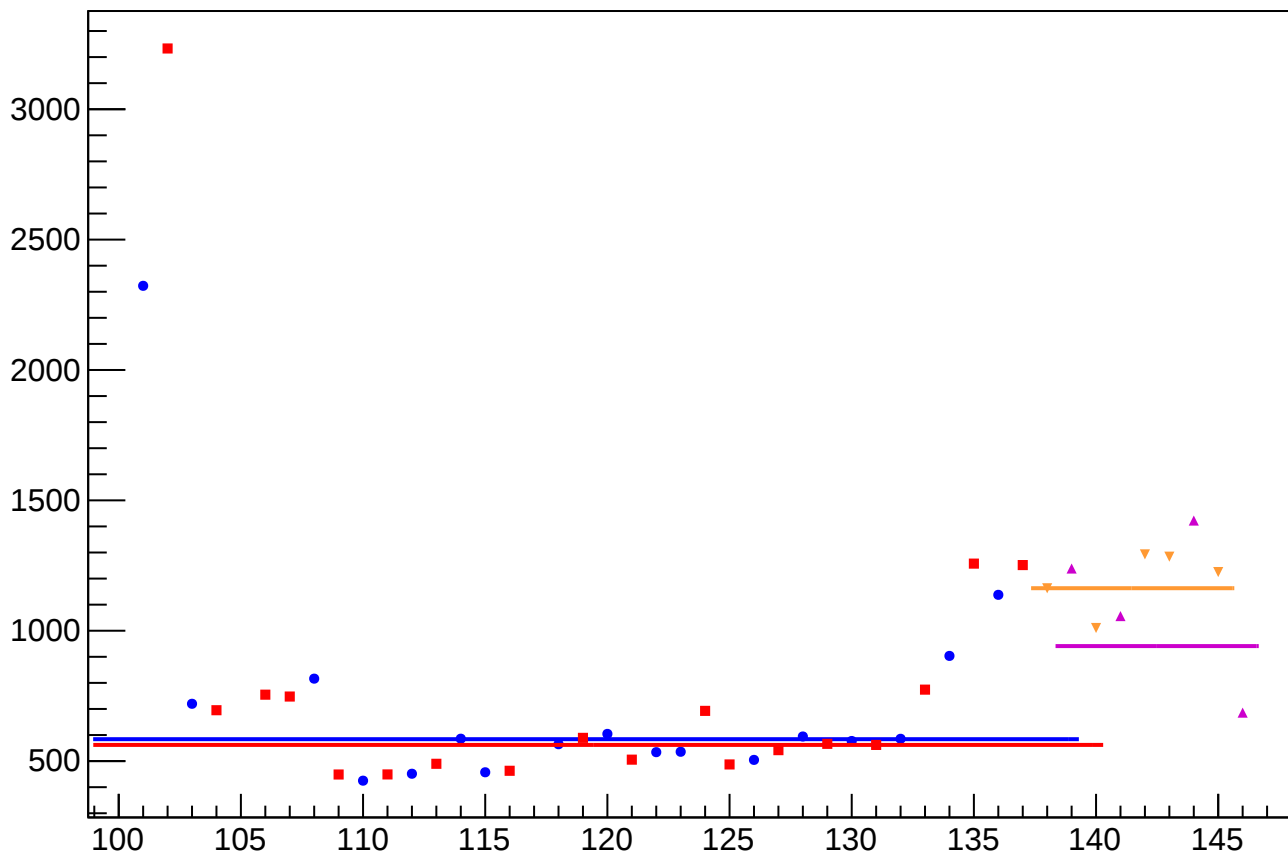
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: -19.104 ± 218.497 χ^2/NDF : 22.6/20

Out: 593.251 ± 212.704 χ^2/NDF : 17.4/22

All: 295.300 ± 152.411 χ^2/NDF : 44.1/43

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 1163.088+/-0.448 χ^2/NDF : 61830.4/4

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 941.114+/-0.382 χ^2/NDF : 531435.2/3

Left: 1034.677+/-0.291 χ^2/NDF : 735299.3/8

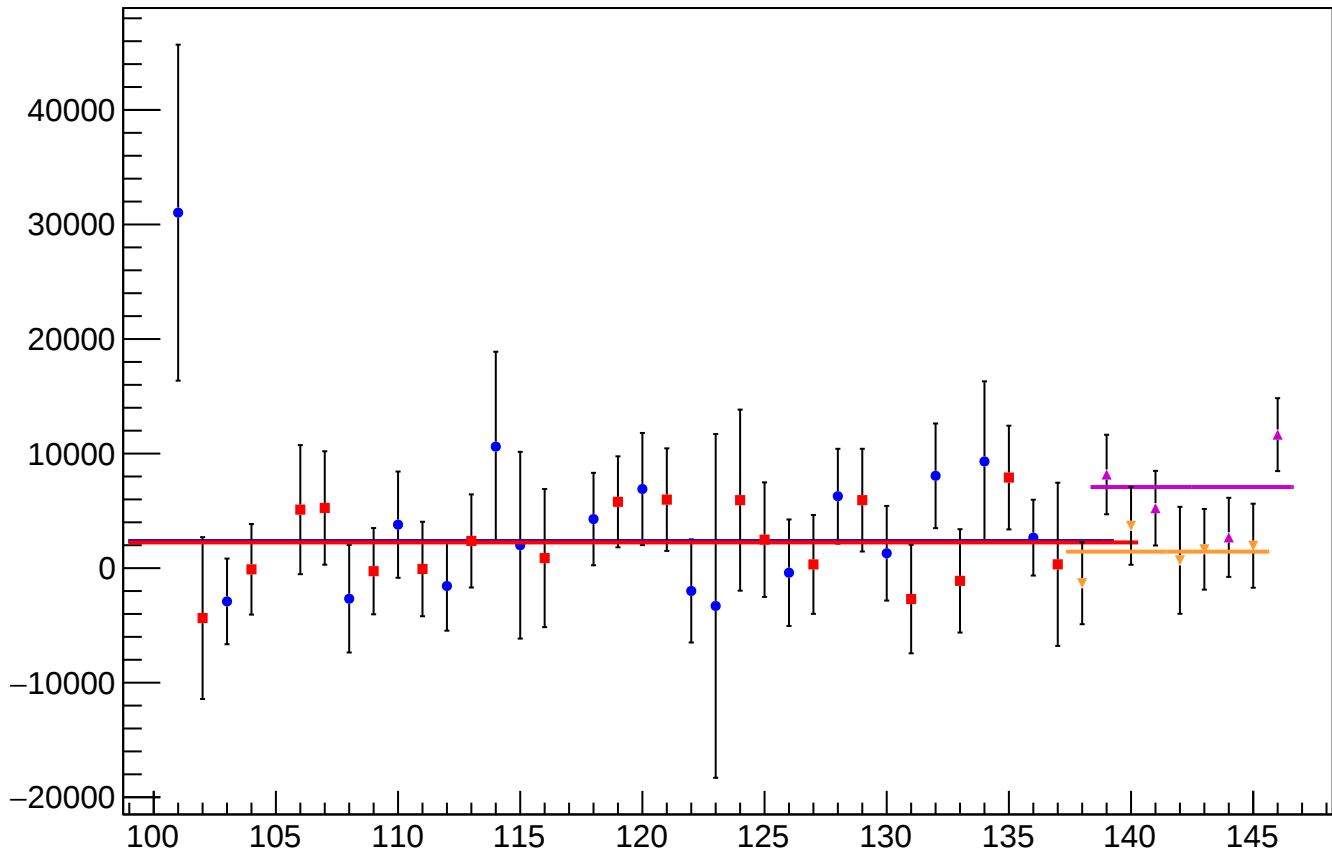
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 642.344+/-0.155 χ^2/NDF : 2697607.7/20

Out: 629.864+/-0.150 χ^2/NDF : 3183915.7/22

All: 635.936+/-0.108 χ^2/NDF : 5884873.6/43

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1439.329 $\pm$ 1654.129 χ^2 /NDF:1.1/4

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 7080.042 $\pm$ 1667.042 χ^2 /NDF:4.1/3

Left: 4237.754 $\pm$ 1174.185 χ^2 /NDF: 11.0/8

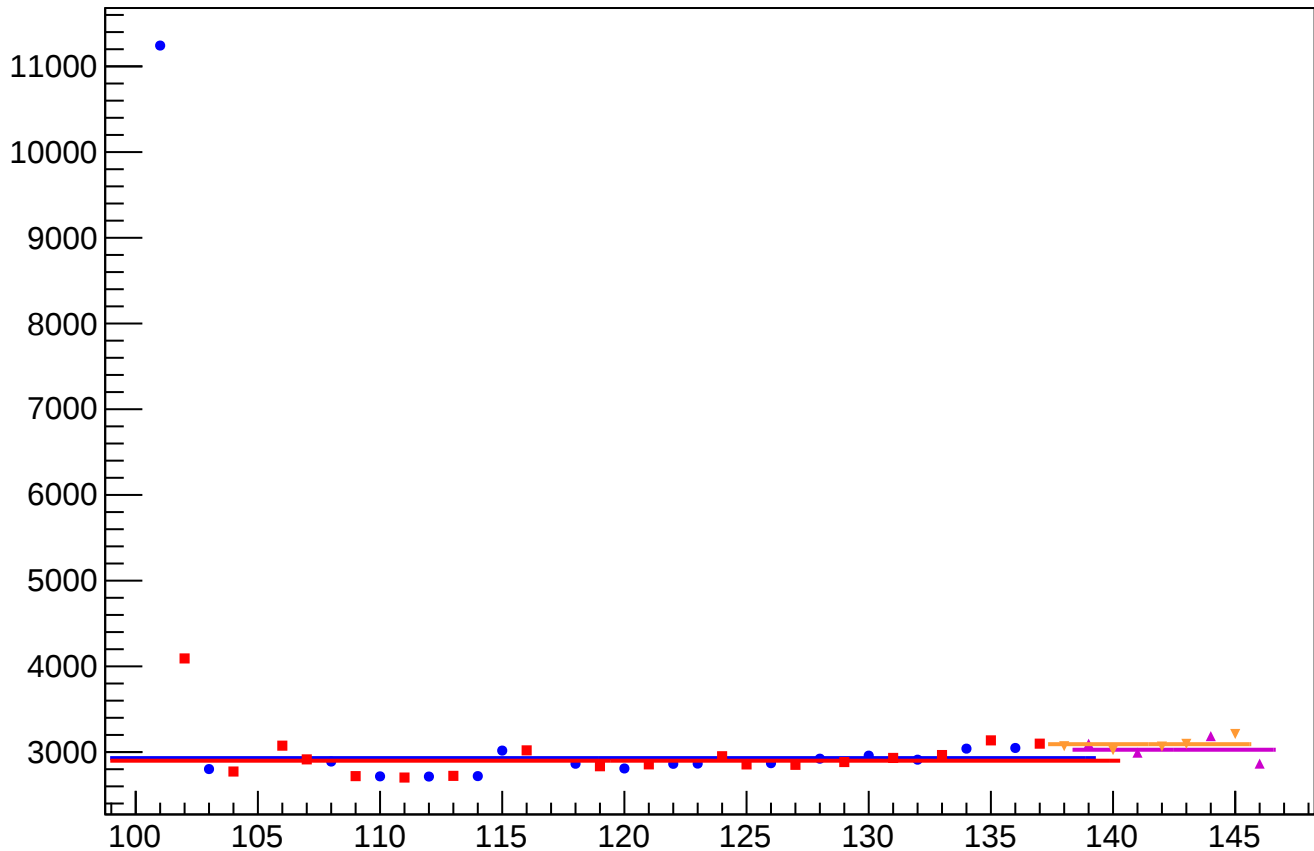
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3901.628 $\pm$ 952.133 χ^2 /NDF:24.6/20

Out: 1994.529 $\pm$ 922.814 χ^2 /NDF:9.8/22

All: 2918.264 $\pm$ 662.651 χ^2 /NDF: 36.4/43

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3092.121+/-1.170 χ^2/NDF :3107.4/4

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 3027.275+/-1.179 χ^2/NDF :10441.0/3

Left: 3059.950+/-0.830 χ^2/NDF : 15073.3/8

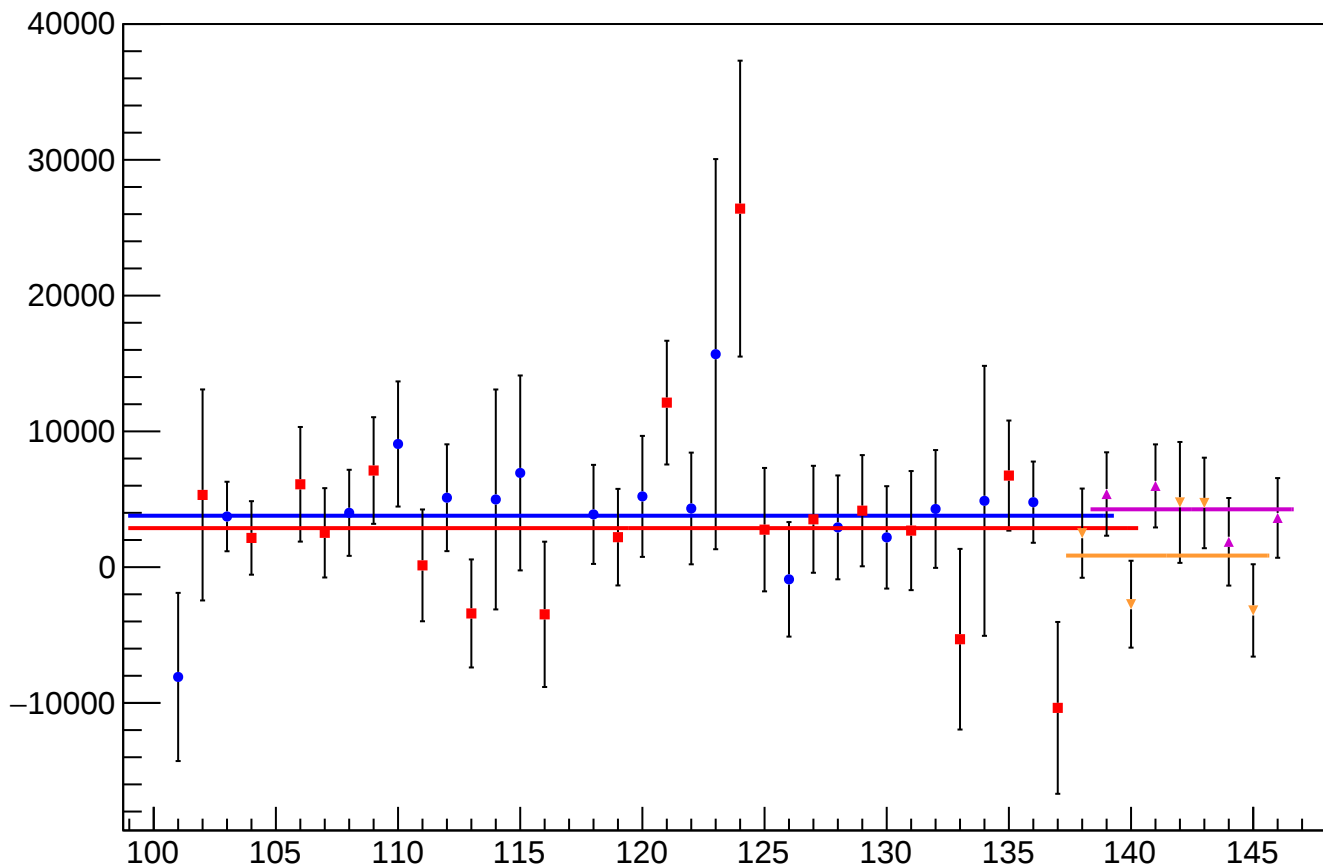
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2961.499+/-0.673 χ^2/NDF :677691.2/20

Out: 2959.403+/-0.653 χ^2/NDF :105343.7/22

All: 2960.418+/-0.469 χ^2/NDF : 783039.9/43

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 852.897+/-1548.210 χ^2/NDF : 5.0/4

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 4259.988+/-1533.918 χ^2/NDF : 1.0/3

Left: 2572.241+/-1089.662 χ^2/NDF : 8.5/8

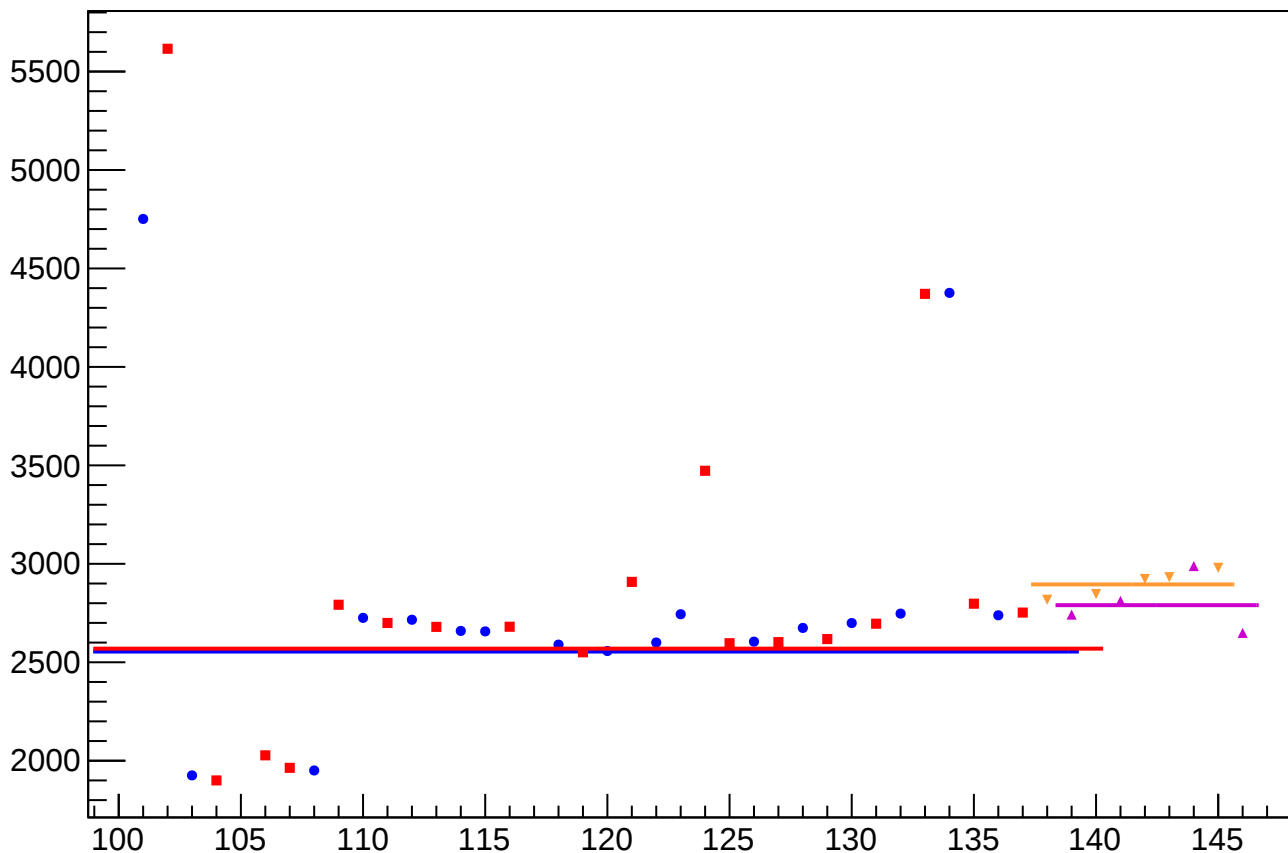
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3930.261+/-842.462 χ^2/NDF : 8.8/20

Out: 2276.090+/-842.423 χ^2/NDF : 28.3/22

All: 3103.138+/-595.697 χ^2/NDF : 39.0/43

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2895.400 $\pm$ 1.095 χ^2 /NDF:3148.7/4

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2790.041 $\pm$ 1.085 χ^2 /NDF:12774.5/3

Left: 2842.232 $\pm$ 0.771 χ^2 /NDF: 20597.2/8

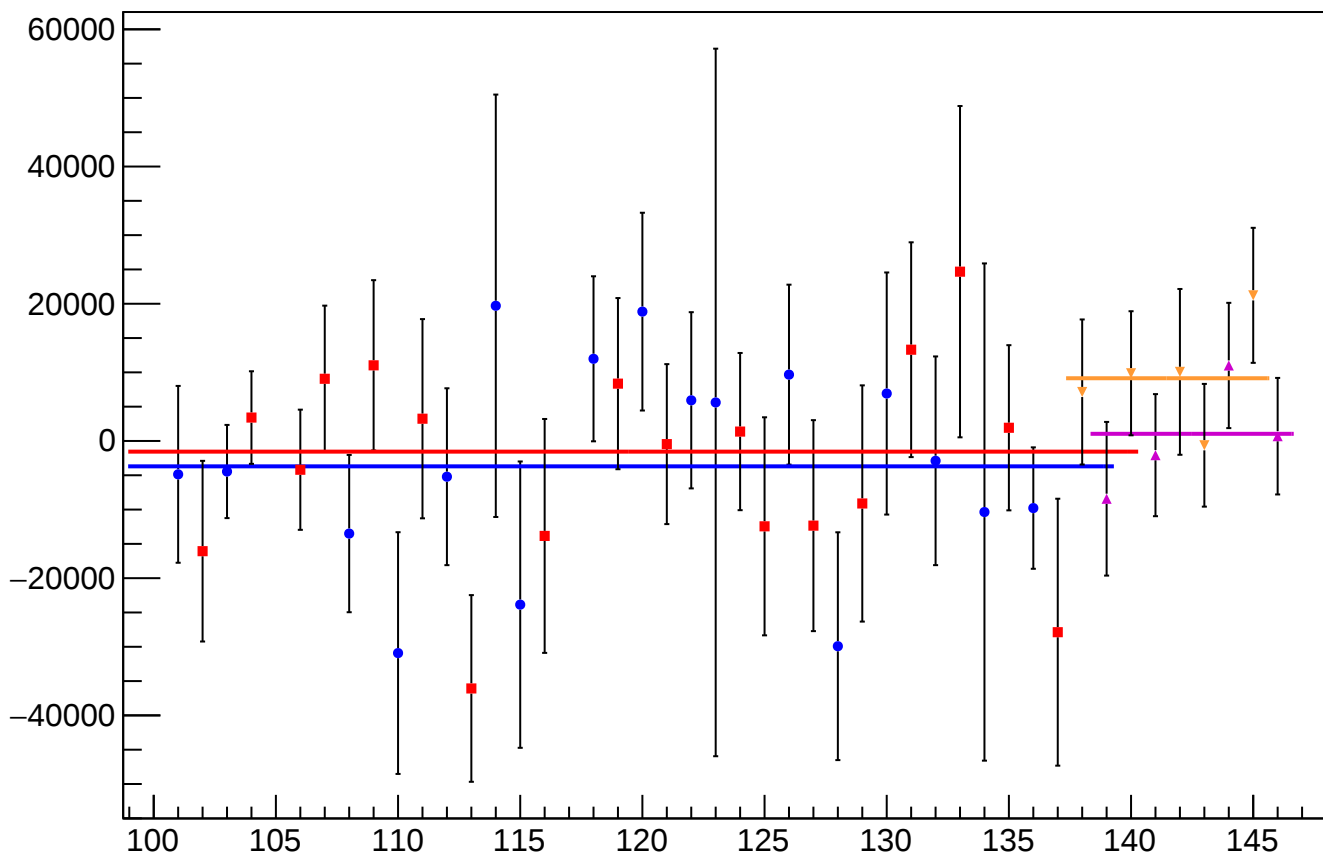
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2625.576 $\pm$ 0.596 χ^2 /NDF:582323.6/20

Out: 2665.764 $\pm$ 0.596 χ^2 /NDF:788972.2/22

All: 2645.676 $\pm$ 0.421 χ^2 /NDF: 1373572.1/43

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 9141.679+/-4434.495 χ^2/NDF : 2.7/4

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: 1041.909+/-4639.122 χ^2/NDF : 2.0/3

Left: 5274.365+/-3205.561 χ^2/NDF : 6.4/8

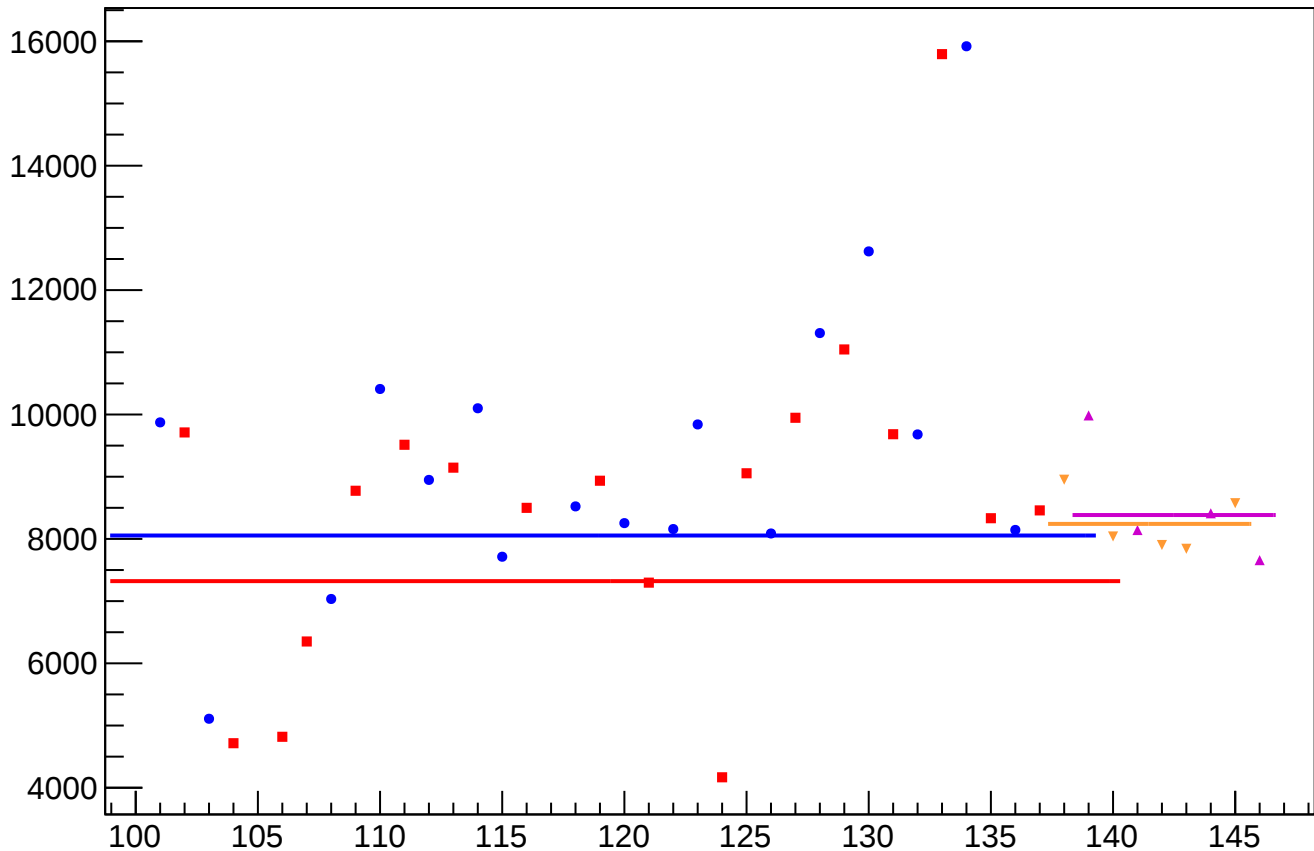
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -2159.326+/-2644.046 χ^2/NDF : 16.5/20

Out: 1666.986+/-2433.968 χ^2/NDF : 23.6/22

All: -88.146+/-1790.744 χ^2/NDF : 41.3/43

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 8241.443 $\pm$ 3.136 χ^2/NDF :17888.7/4

Right Out: 7321.428 $\pm$ 2.059 χ^2/NDF : 1335956.4/17

Left In: 8384.131 $\pm$ 3.280 χ^2/NDF :56960.1/3

Left: 8309.571 $\pm$ 2.267 χ^2/NDF : 75837.5/8

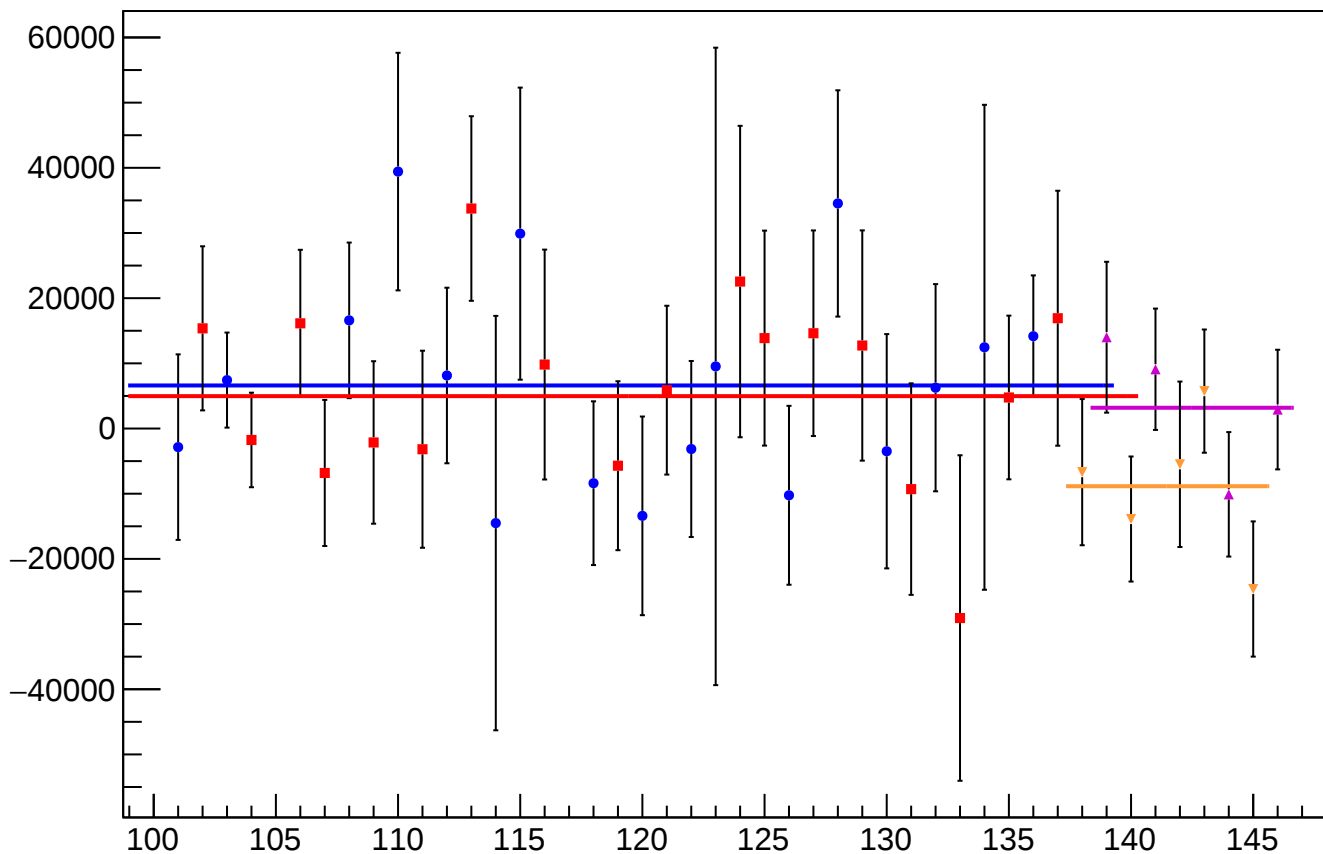
Right: 7651.572 $\pm$ 1.527 χ^2/NDF : 2213832.0/34

In: 8161.760 $\pm$ 1.870 χ^2/NDF :884529.7/20

Out: 7598.591 $\pm$ 1.721 χ^2/NDF :1413996.8/22

All: 7856.917 $\pm$ 1.266 χ^2/NDF : 2347640.7/43

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -8850.015 $\pm$ 4687.755 χ^2/NDF : 5.1/4

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 3186.237 $\pm$ 4888.364 χ^2/NDF : 3.2/3

Left: -3083.925 $\pm$ 3383.441 χ^2/NDF : 11.4/8

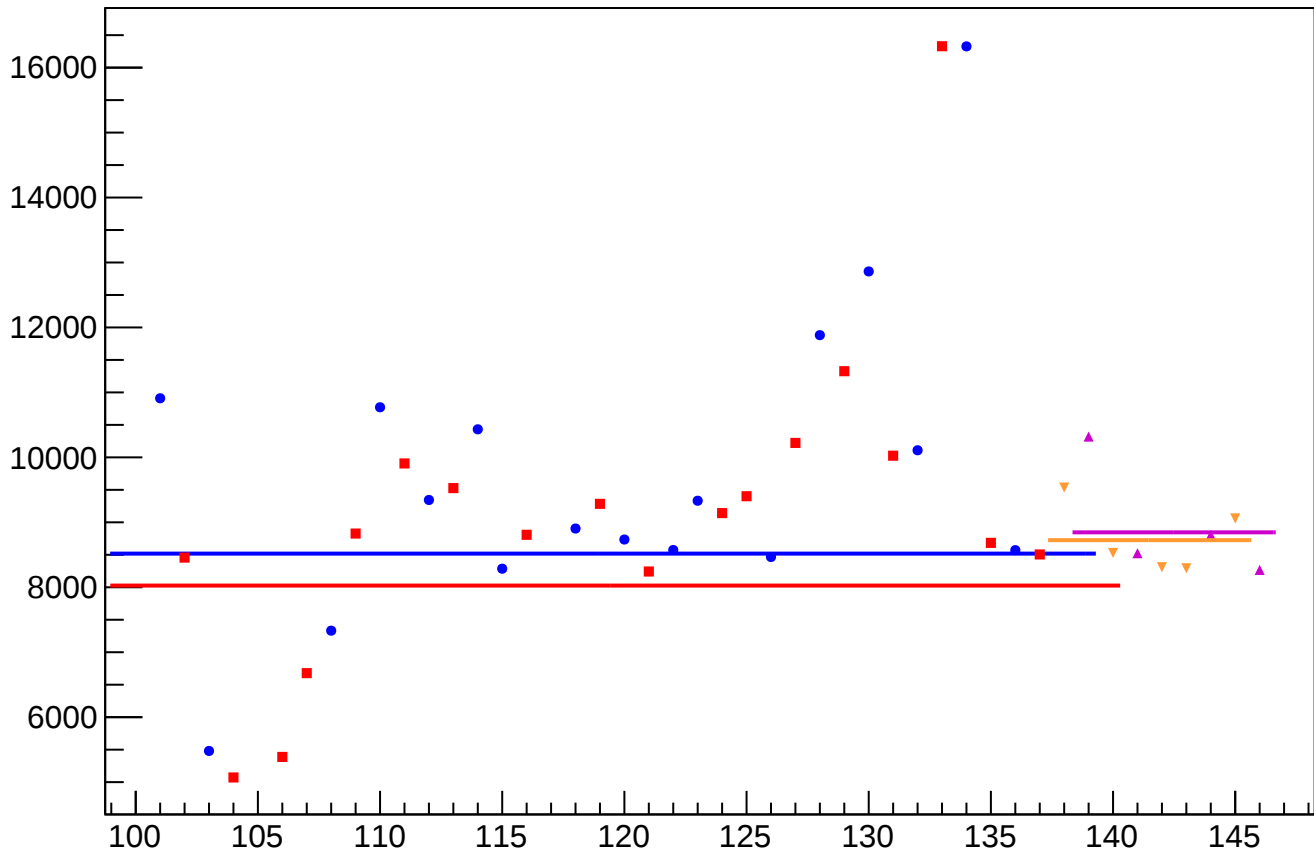
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 5493.757 $\pm$ 2788.950 χ^2/NDF : 18.2/20

Out: 618.978 $\pm$ 2629.850 χ^2/NDF : 24.6/22

All: 2913.363 $\pm$ 1913.359 χ^2/NDF : 44.4/43

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8725.187+/-3.315 χ^2/NDF : 19709.0/4

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 8845.704+/-3.457 χ^2/NDF : 42807.8/3

Left: 8782.922+/-2.392 χ^2/NDF : 63150.0/8

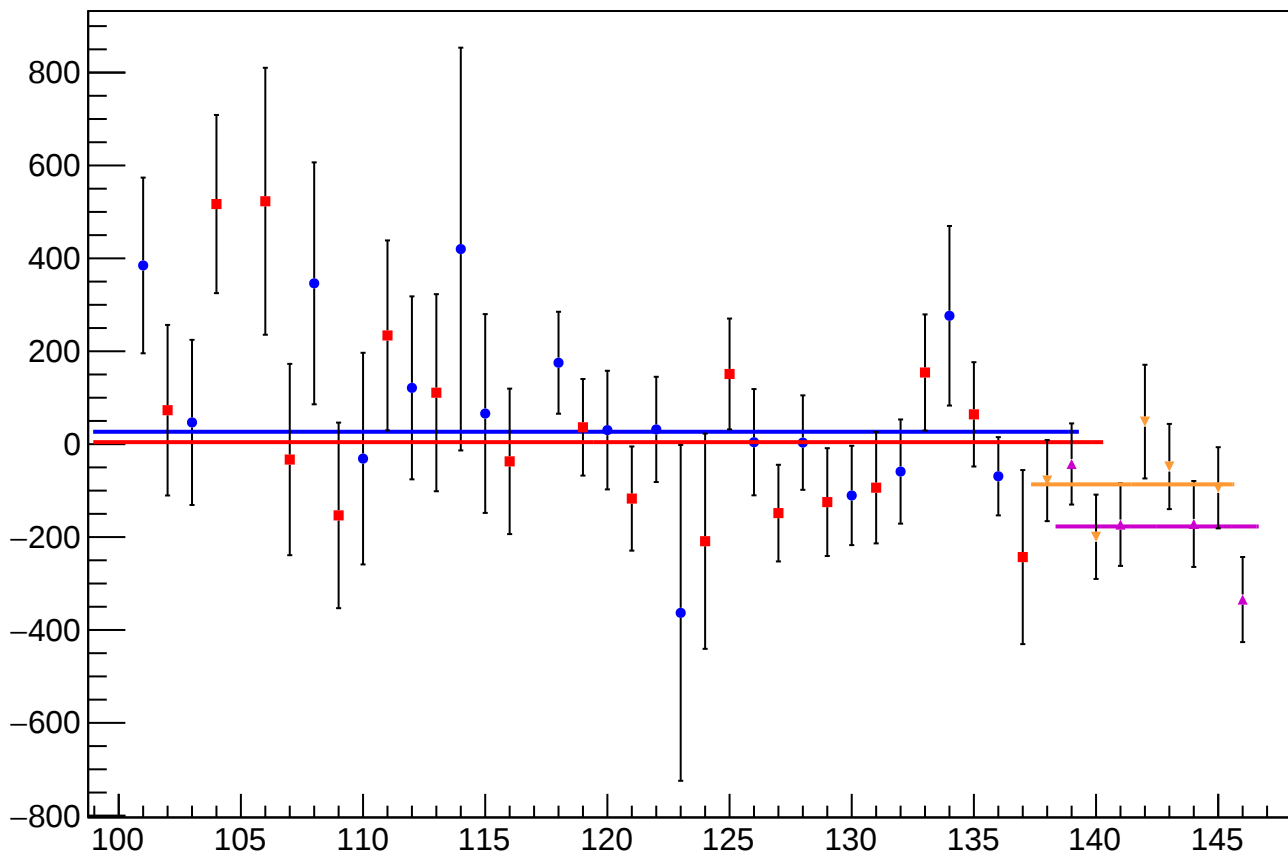
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8624.852+/-1.972 χ^2/NDF : 820855.1/20

Out: 8246.072+/-1.860 χ^2/NDF : 992853.1/22

All: 8424.346+/-1.353 χ^2/NDF : 1833236.5/43

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2 /NDF: 14.5/16

Left Out: -86.549 $\pm$ 41.916 χ^2 /NDF:3.0/4

Right Out: 4.338 $\pm$ 33.842 χ^2 /NDF: 23.9/17

Left In: -177.144 $\pm$ 45.019 χ^2 /NDF:5.3/3

Left: -128.617 $\pm$ 30.678 χ^2 /NDF: 10.5/8

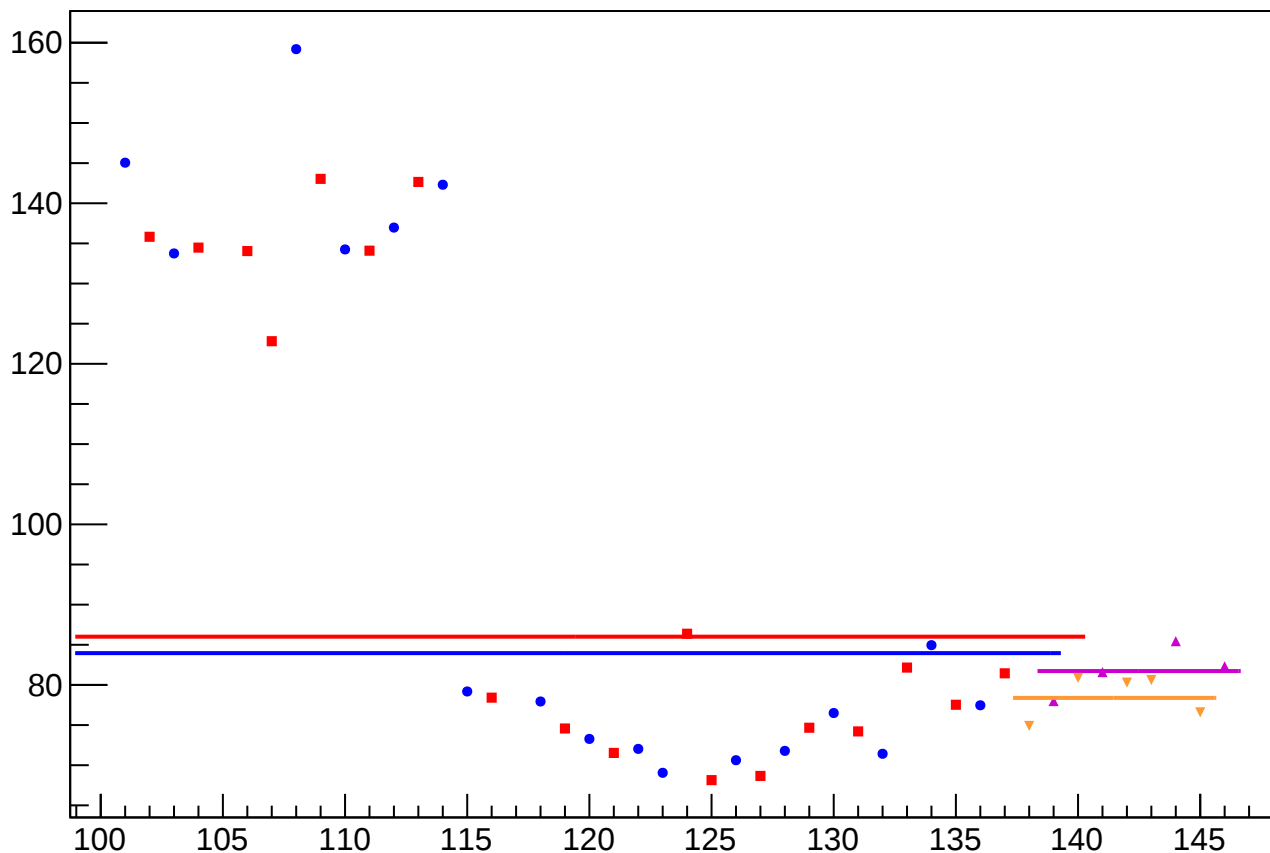
Right: 15.597 $\pm$ 23.853 χ^2 /NDF: 38.7/34

In: -46.290 $\pm$ 26.941 χ^2 /NDF:33.0/20

Out: -31.527 $\pm$ 26.331 χ^2 /NDF:29.7/22

All: -38.740 $\pm$ 18.831 χ^2 /NDF: 62.9/43

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 78.385 $\pm$ 0.030 χ^2 /NDF:7202.4/4

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 81.728 $\pm$ 0.032 χ^2 /NDF:6990.2/3

Left: 79.938 $\pm$ 0.022 χ^2 /NDF: 20099.3/8

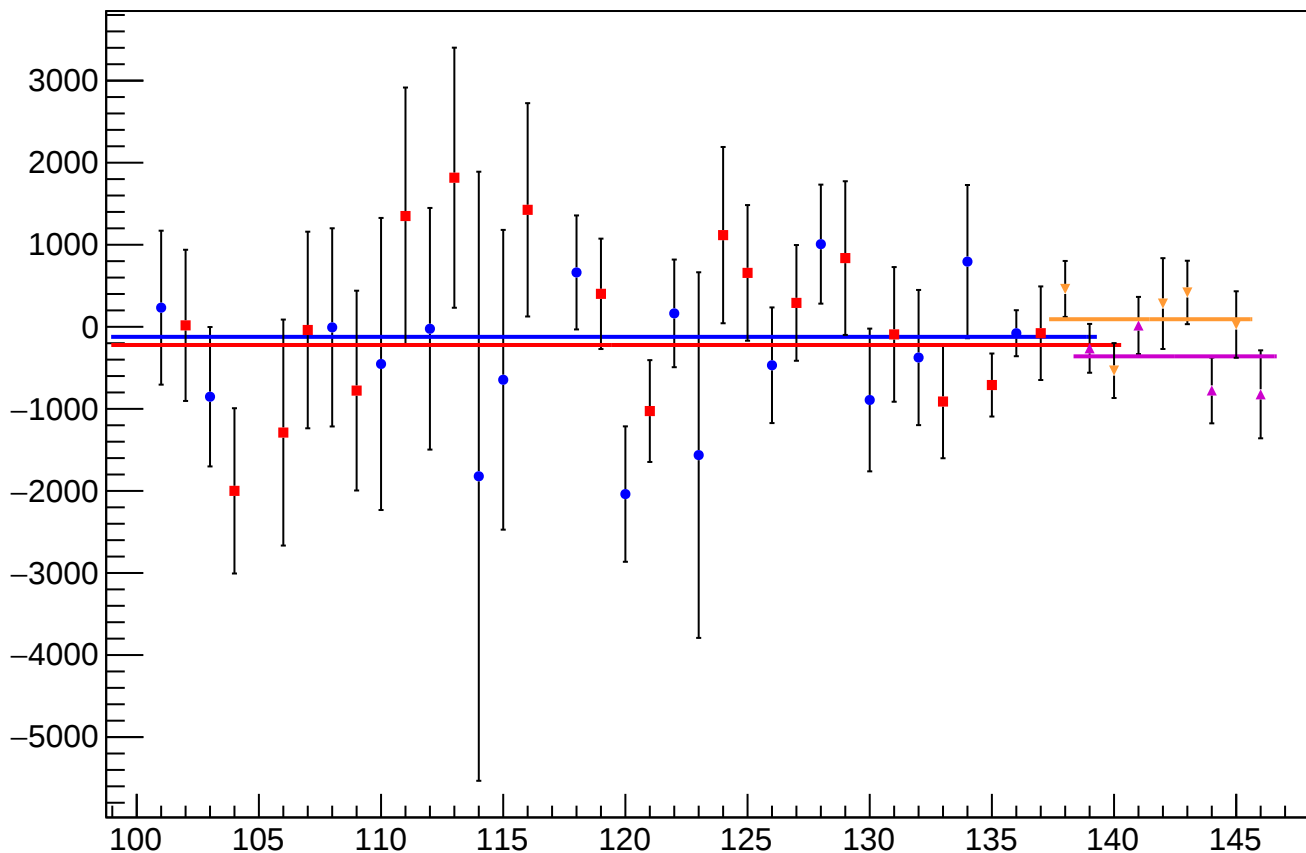
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.161 $\pm$ 0.019 χ^2 /NDF:970400.8/20

Out: 83.002 $\pm$ 0.019 χ^2 /NDF:1073691.0/22

All: 83.080 $\pm$ 0.013 χ^2 /NDF: 2044127.3/43

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2/NDF : 13.0/16

Left Out: 92.469 $\pm$ 172.568 χ^2/NDF : 5.5/4

Right Out: -221.525 $\pm$ 185.098 χ^2/NDF : 18.0/17

Left In: -359.899 $\pm$ 184.925 χ^2/NDF : 3.1/3

Left: -118.097 $\pm$ 126.166 χ^2/NDF : 11.8/8

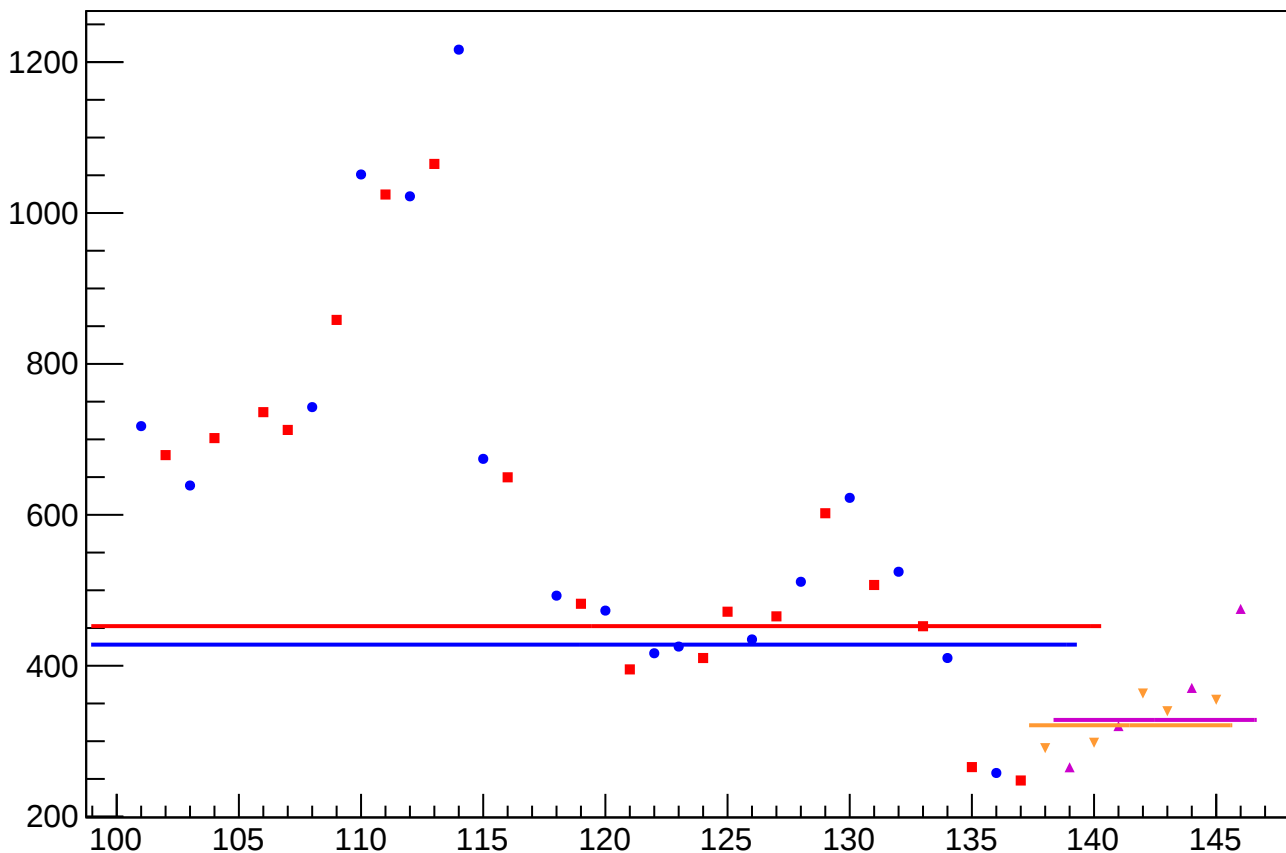
Right: -170.470 $\pm$ 128.892 χ^2/NDF : 31.2/34

In: -237.678 $\pm$ 128.833 χ^2/NDF : 17.0/20

Out: -53.541 $\pm$ 126.221 χ^2/NDF : 25.1/22

All: -143.724 $\pm$ 90.161 χ^2/NDF : 43.1/43

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 321.112 $\pm$ 0.122 χ^2 /NDF:55517.8/4

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 328.206 $\pm$ 0.131 χ^2 /NDF:263120.2/3

Left: 324.414 $\pm$ 0.089 χ^2 /NDF: 320210.8/8

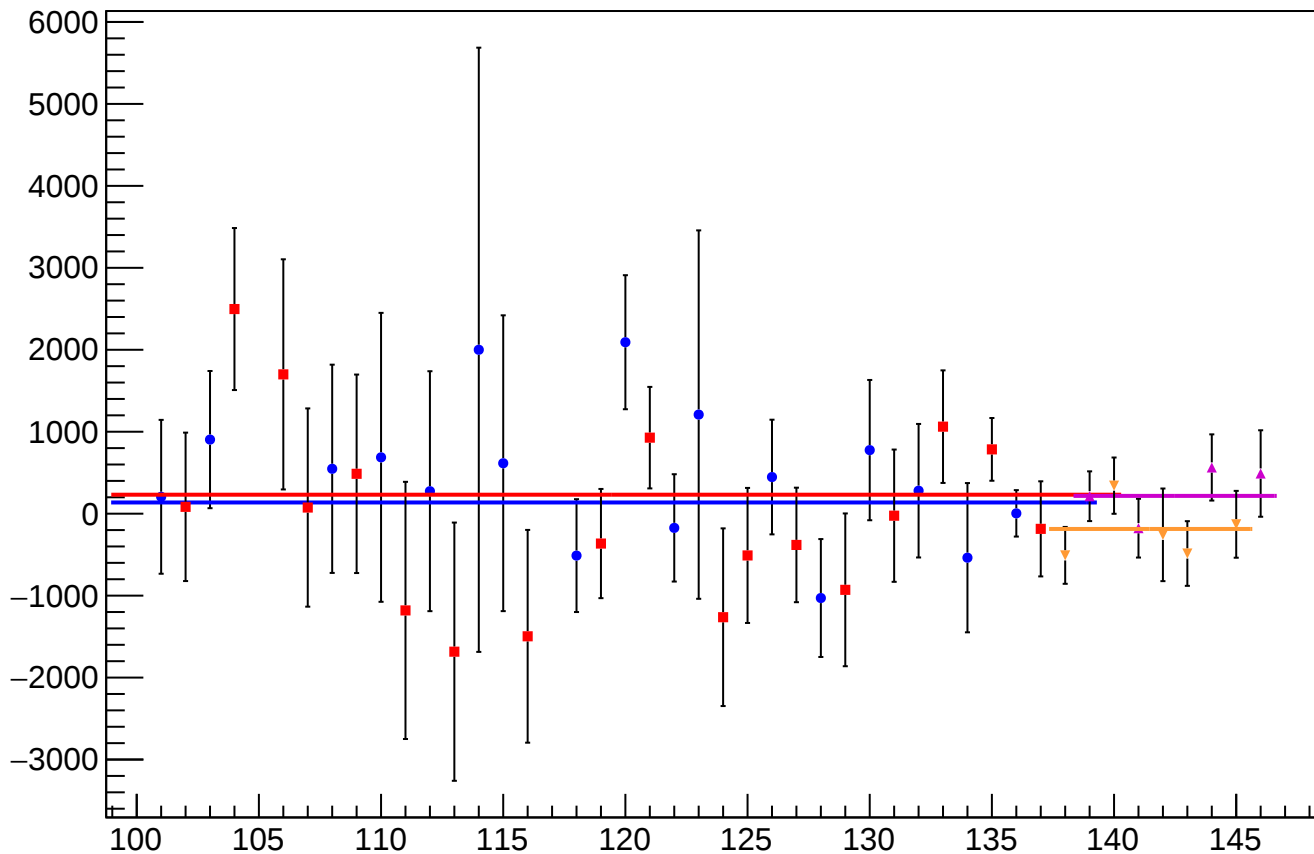
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 379.556 $\pm$ 0.091 χ^2 /NDF:2625026.2/20

Out: 382.212 $\pm$ 0.089 χ^2 /NDF:2667726.1/22

All: 380.912 $\pm$ 0.064 χ^2 /NDF: 5293186.0/43

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -186.424 $\pm$ 175.786 χ^2 /NDF: 3.8/4

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: 217.188 $\pm$ 187.795 χ^2 /NDF: 2.2/3

Left: 2.065 $\pm$ 128.335 χ^2 /NDF: 8.5/8

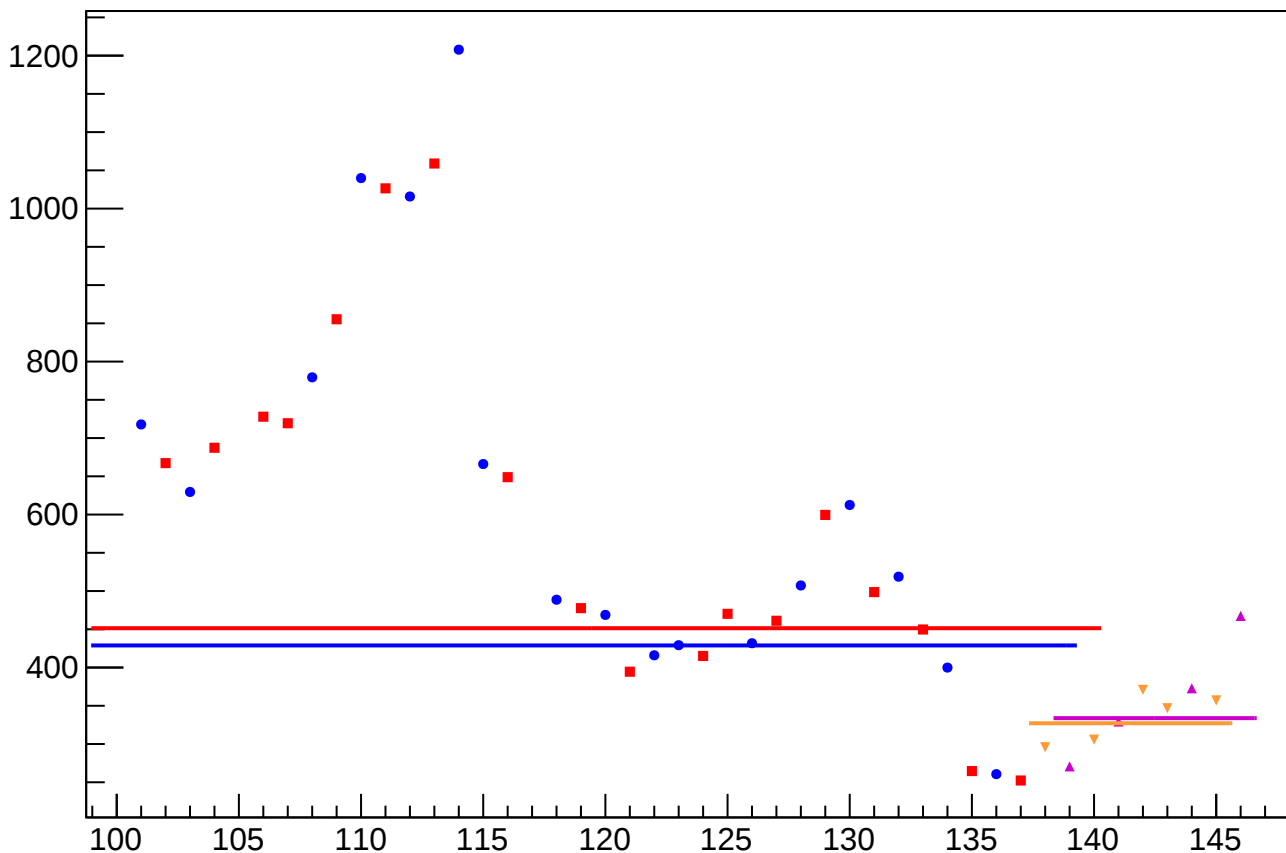
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 175.209 $\pm$ 129.800 χ^2 /NDF: 14.9/20

Out: 12.388 $\pm$ 127.294 χ^2 /NDF: 28.3/22

All: 92.212 $\pm$ 90.884 χ^2 /NDF: 44.0/43

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 327.171 $\pm$ 0.124 χ^2 /NDF: 51857.7/4

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 333.843 $\pm$ 0.133 χ^2 /NDF: 233673.1/3

Left: 330.287 $\pm$ 0.091 χ^2 /NDF: 286876.5/8

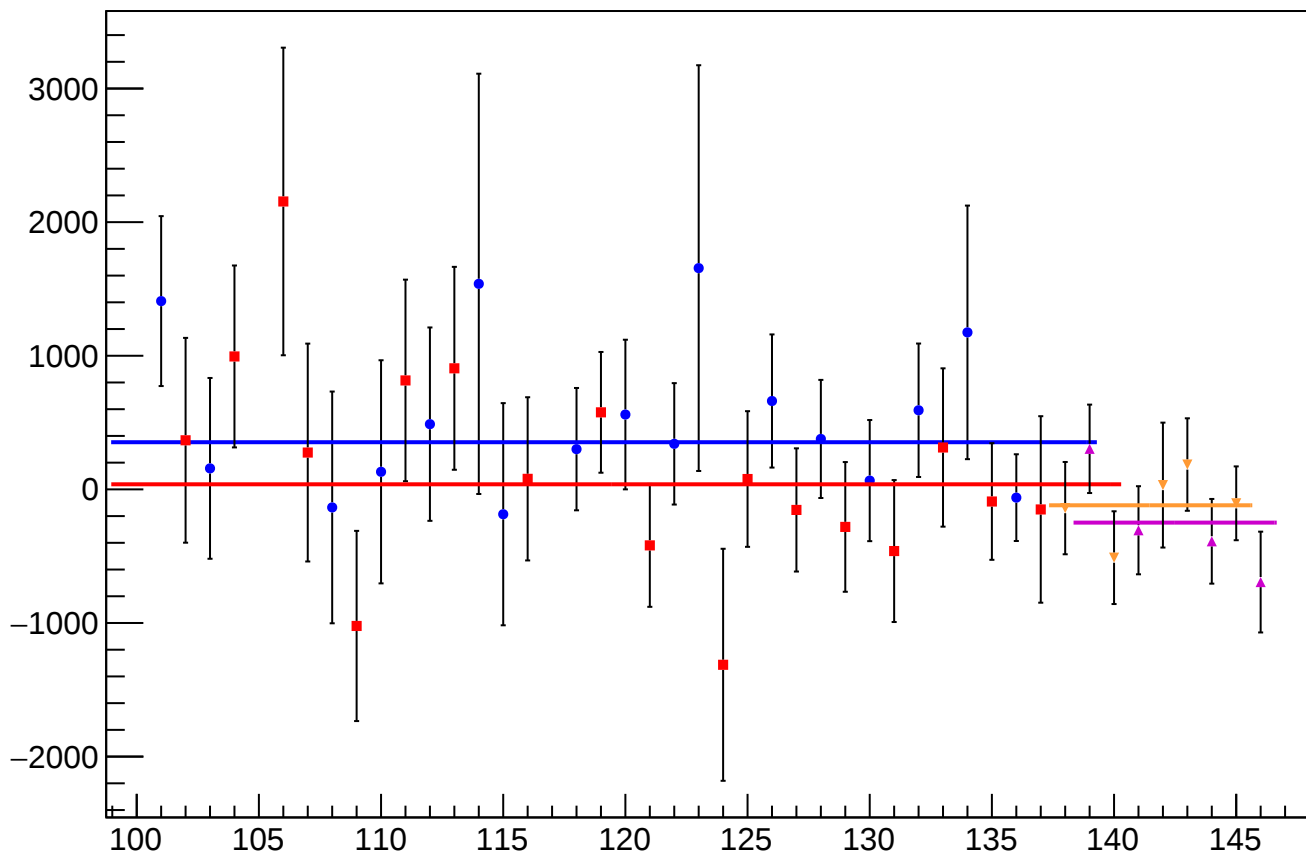
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 383.483 $\pm$ 0.092 χ^2 /NDF: 2511828.5/20

Out: 386.262 $\pm$ 0.090 χ^2 /NDF: 2557760.7/22

All: 384.899 $\pm$ 0.064 χ^2 /NDF: 5070056.4/43

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -119.121 ± 153.016 $\chi^2/\text{NDF}: 2.2/4$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -248.837 ± 168.279 $\chi^2/\text{NDF}: 4.4/3$

Left: -177.830 ± 113.211 $\chi^2/\text{NDF}: 6.9/8$

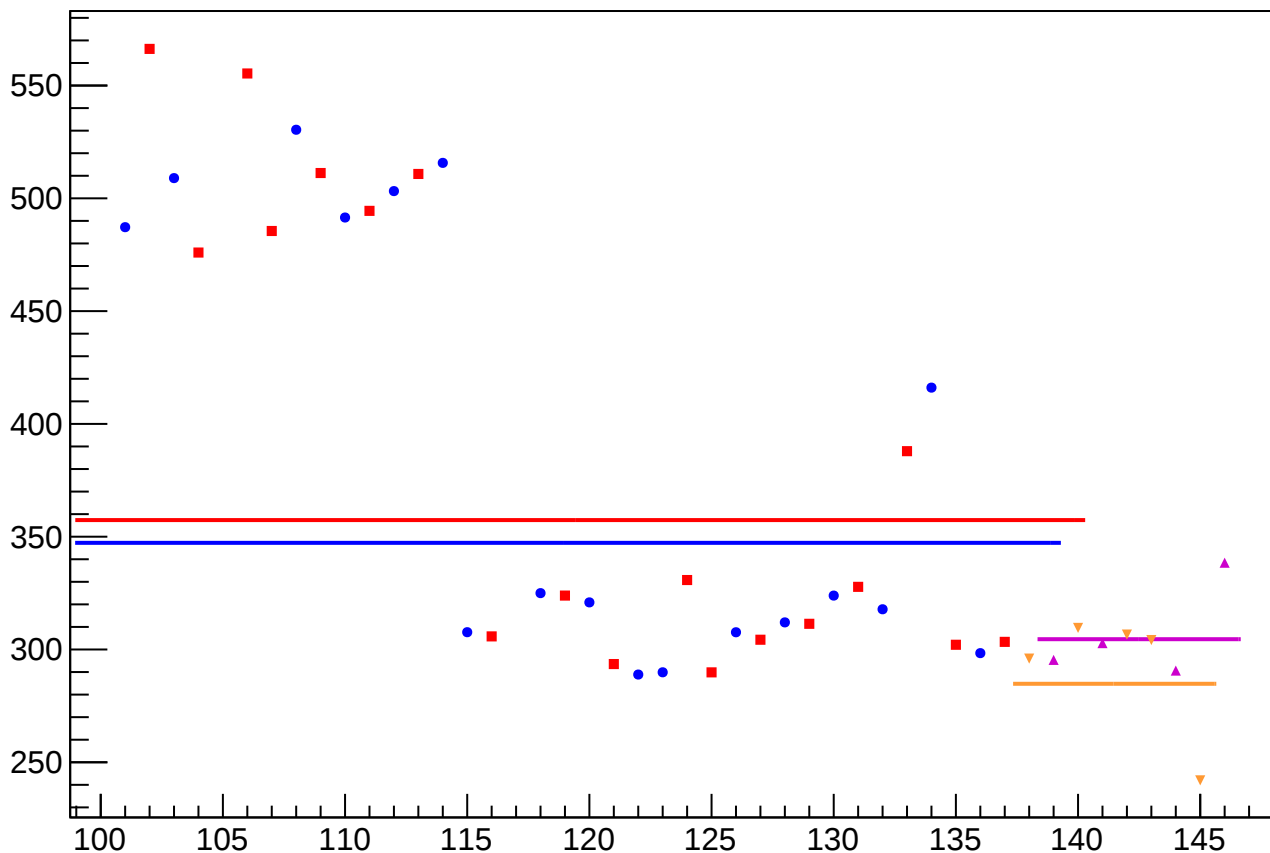
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 112.434 ± 106.382 $\chi^2/\text{NDF}: 20.6/20$

Out: -33.060 ± 102.896 $\chi^2/\text{NDF}: 19.7/22$

All: 37.265 ± 73.960 $\chi^2/\text{NDF}: 41.2/43$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 284.797 $\pm$ 0.108 χ^2 /NDF: 70947.7/4

Right Out: 357.365 $\pm$ 0.098 χ^2 /NDF: 759938.5/17

Left In: 304.562 $\pm$ 0.119 χ^2 /NDF: 21605.0/3

Left: 293.743 $\pm$ 0.080 χ^2 /NDF: 107657.0/8

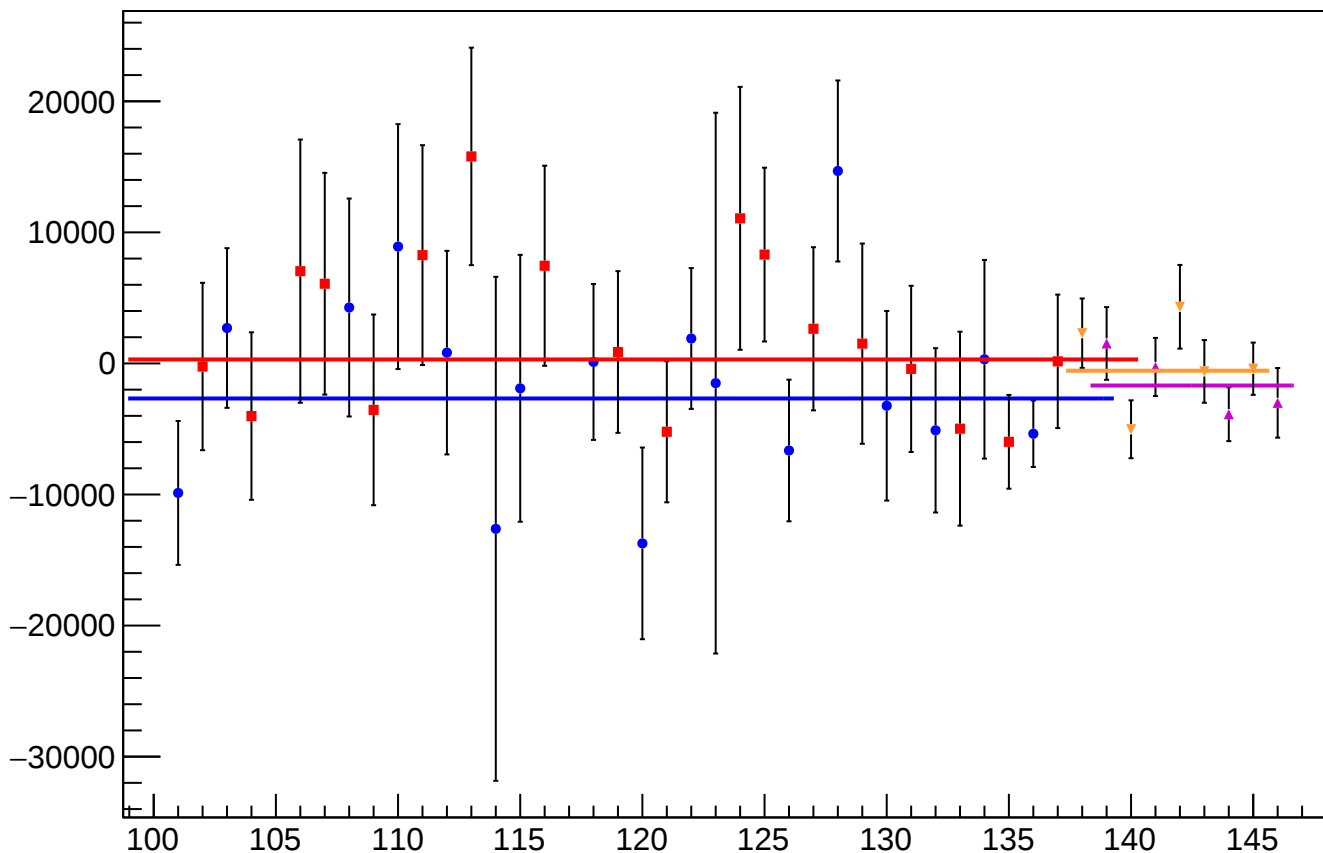
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 330.208 $\pm$ 0.075 χ^2 /NDF: 717884.4/20

Out: 324.550 $\pm$ 0.073 χ^2 /NDF: 1077305.5/22

All: 327.284 $\pm$ 0.052 χ^2 /NDF: 1798113.1/43

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -555.790+/-1071.086 χ^2/NDF : 7.6/4

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -1685.381+/-1185.081 χ^2/NDF : 3.1/3

Left: -1063.657+/-794.626 χ^2/NDF : 11.2/8

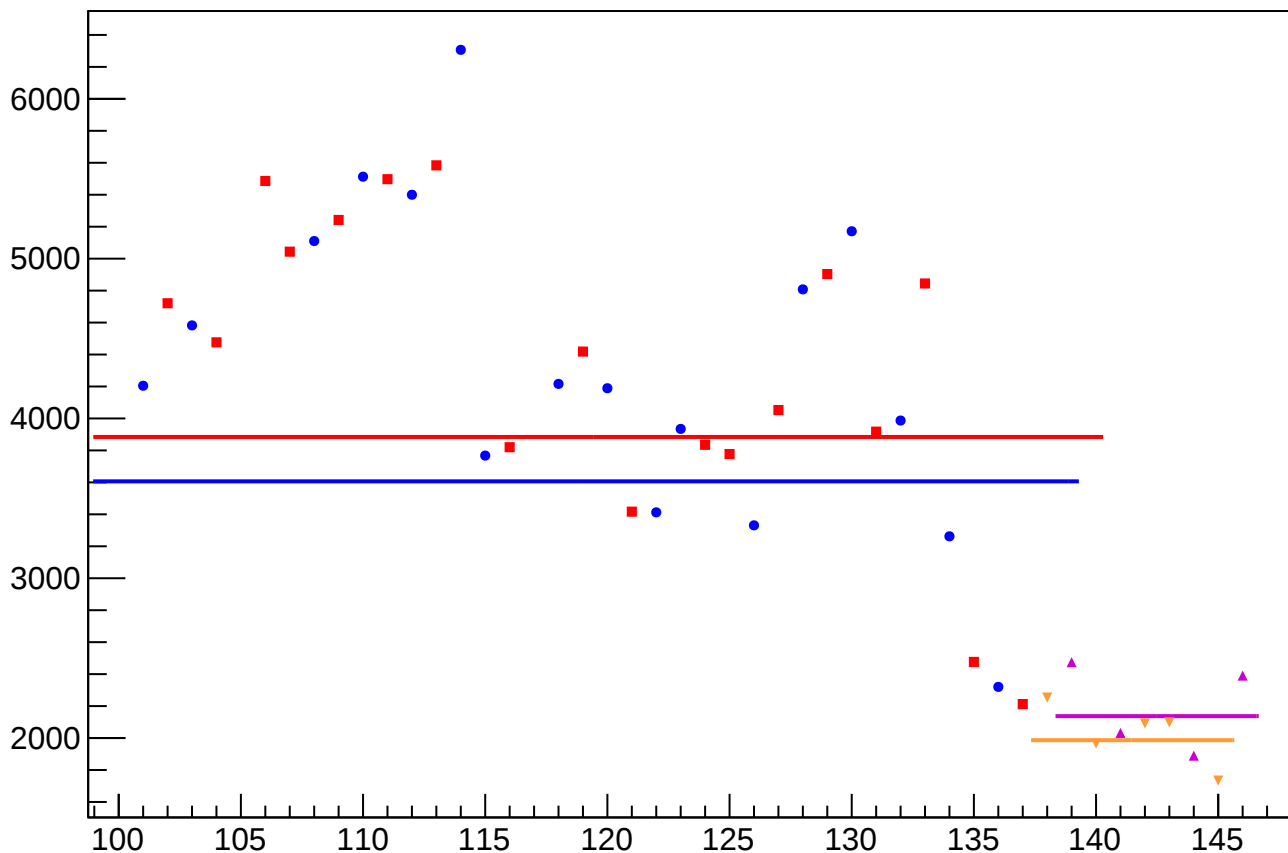
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -2079.284+/-919.162 χ^2/NDF : 20.2/20

Out: -269.700+/-875.131 χ^2/NDF : 22.2/22

All: -1130.113+/-633.806 χ^2/NDF : 44.4/43

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 1986.565+/-0.757 χ^2/NDF : 59035.7/4

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2137.142+/-0.838 χ^2/NDF : 81408.1/3

Left: 2054.265+/-0.562 χ^2/NDF : 158215.3/8

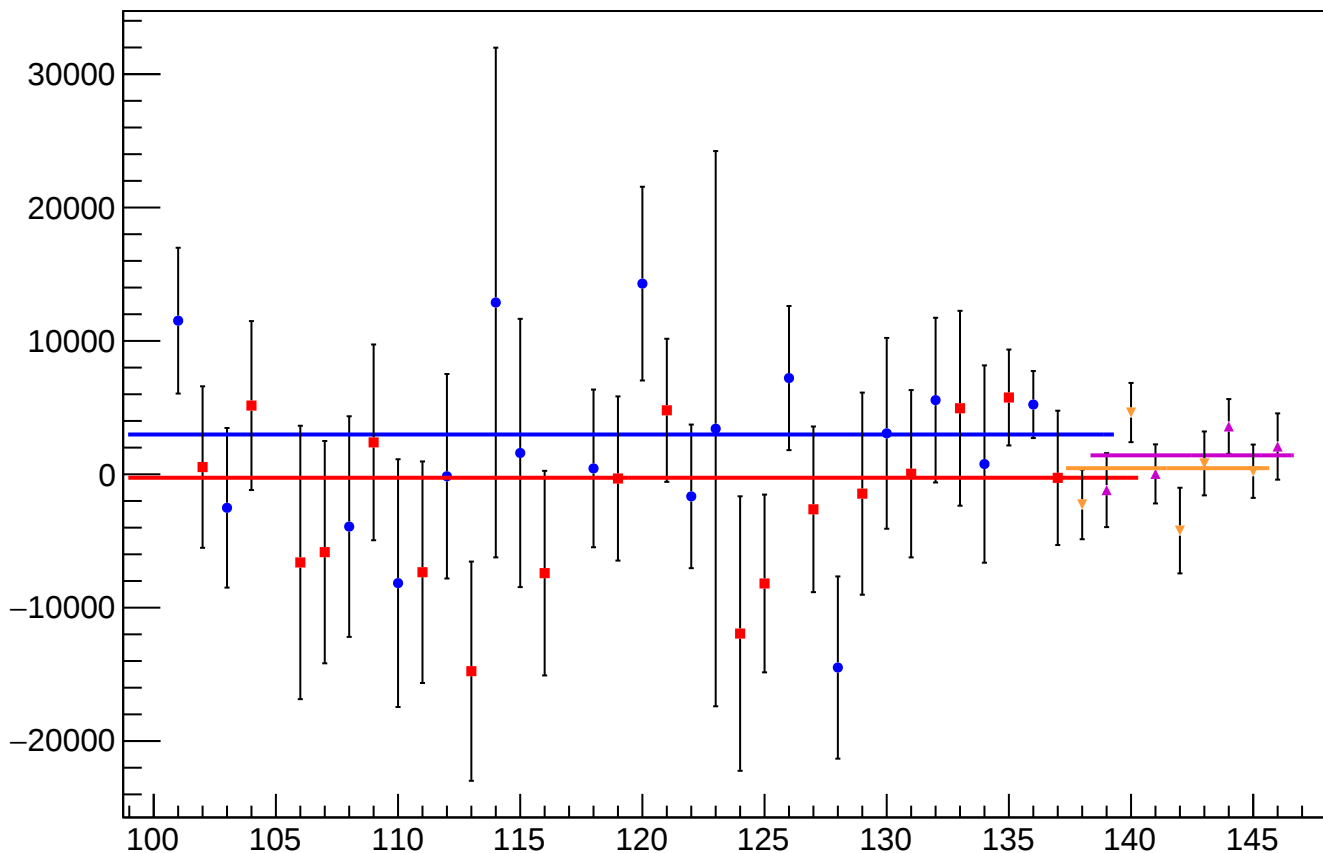
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2722.519+/-0.650 χ^2/NDF : 2398696.6/20

Out: 2617.394+/-0.619 χ^2/NDF : 3140531.7/22

All: 2667.378+/-0.448 χ^2/NDF : 5552950.5/43

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 457.185+/-1071.522 χ^2/NDF : 6.8/4

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 1420.943+/-1167.602 χ^2/NDF : 2.5/3

Left: 897.786+/-789.466 χ^2/NDF : 9.6/8

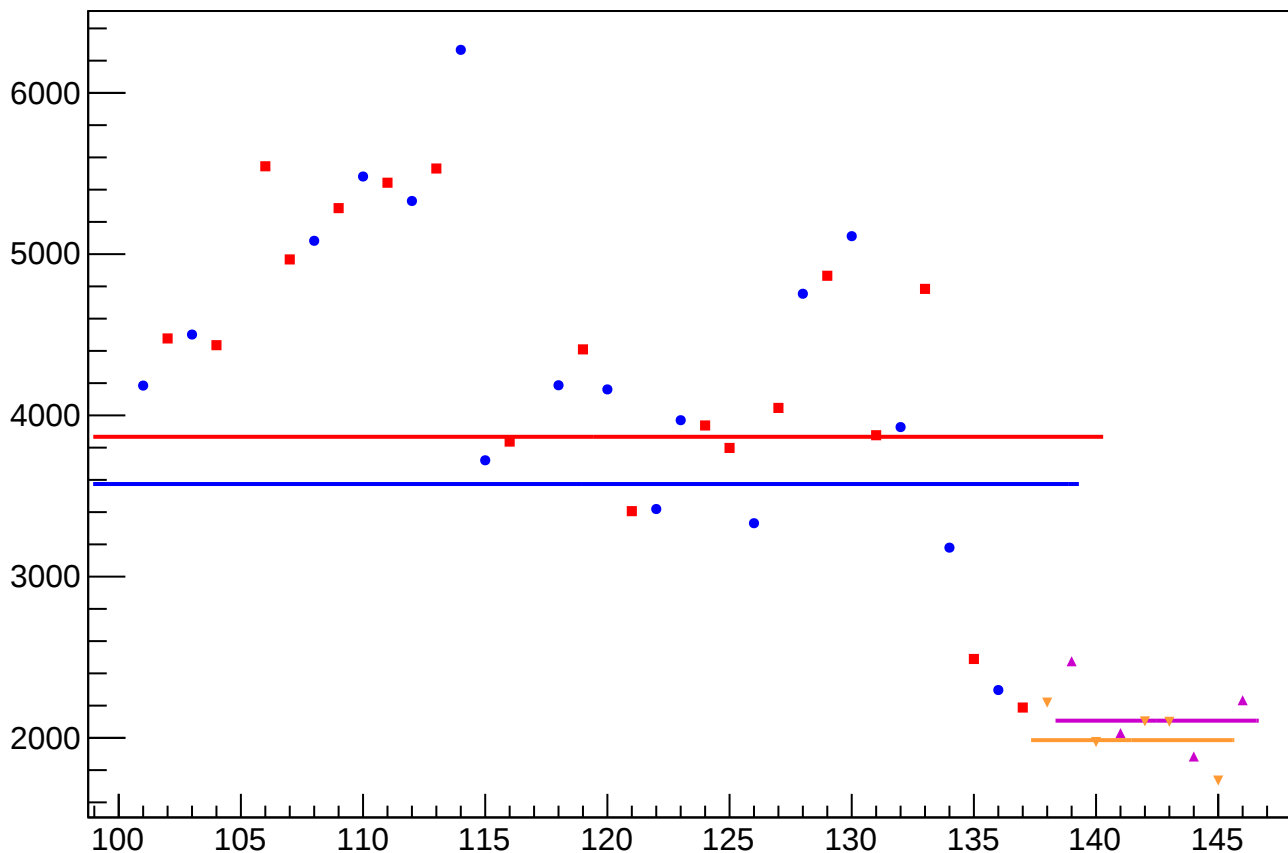
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 2038.915+/-907.836 χ^2/NDF : 20.6/20

Out: 217.158+/-873.925 χ^2/NDF : 20.4/22

All: 1093.378+/-629.605 χ^2/NDF : 43.1/43

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 1985.948 $\pm$ 0.758 χ^2/NDF : 54521.1/4

Right Out: 3867.232 $\pm$ 1.068 χ^2/NDF : 968137.9/17

Left In: 2106.595 $\pm$ 0.826 χ^2/NDF : 66398.2/3

Left: 2041.104 $\pm$ 0.558 χ^2/NDF : 132510.7/8

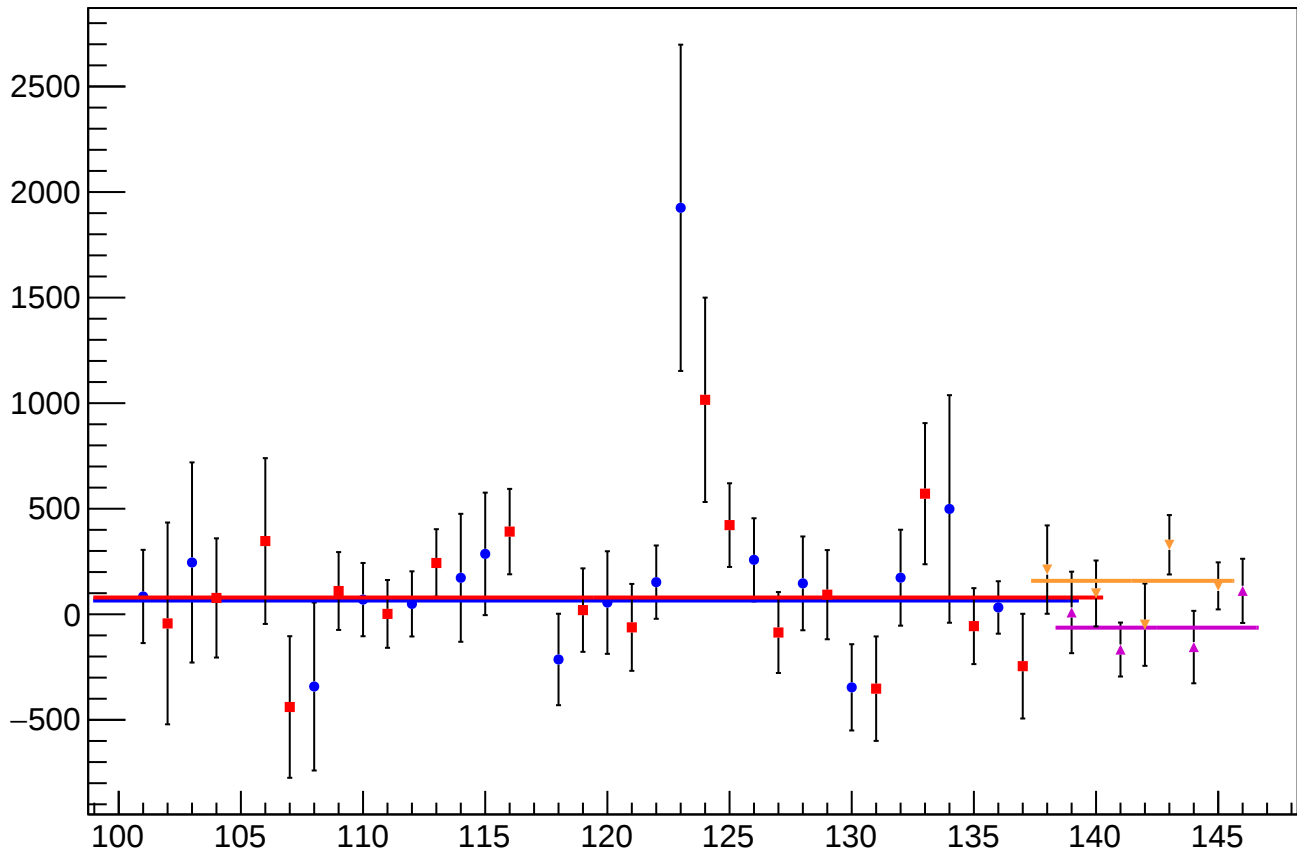
Right: 3714.186 $\pm$ 0.738 χ^2/NDF : 2098786.6/34

In: 2687.039 $\pm$ 0.642 χ^2/NDF : 2407597.3/20

Out: 2615.818 $\pm$ 0.618 χ^2/NDF : 3086770.9/22

All: 2650.074 $\pm$ 0.445 χ^2/NDF : 5500756.9/43

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 158.502 $\pm$ 67.235 χ^2 /NDF: 2.9/4

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: -63.295 $\pm$ 77.761 χ^2 /NDF: 2.4/3

Left: 63.620 $\pm$ 50.860 χ^2 /NDF: 9.9/8

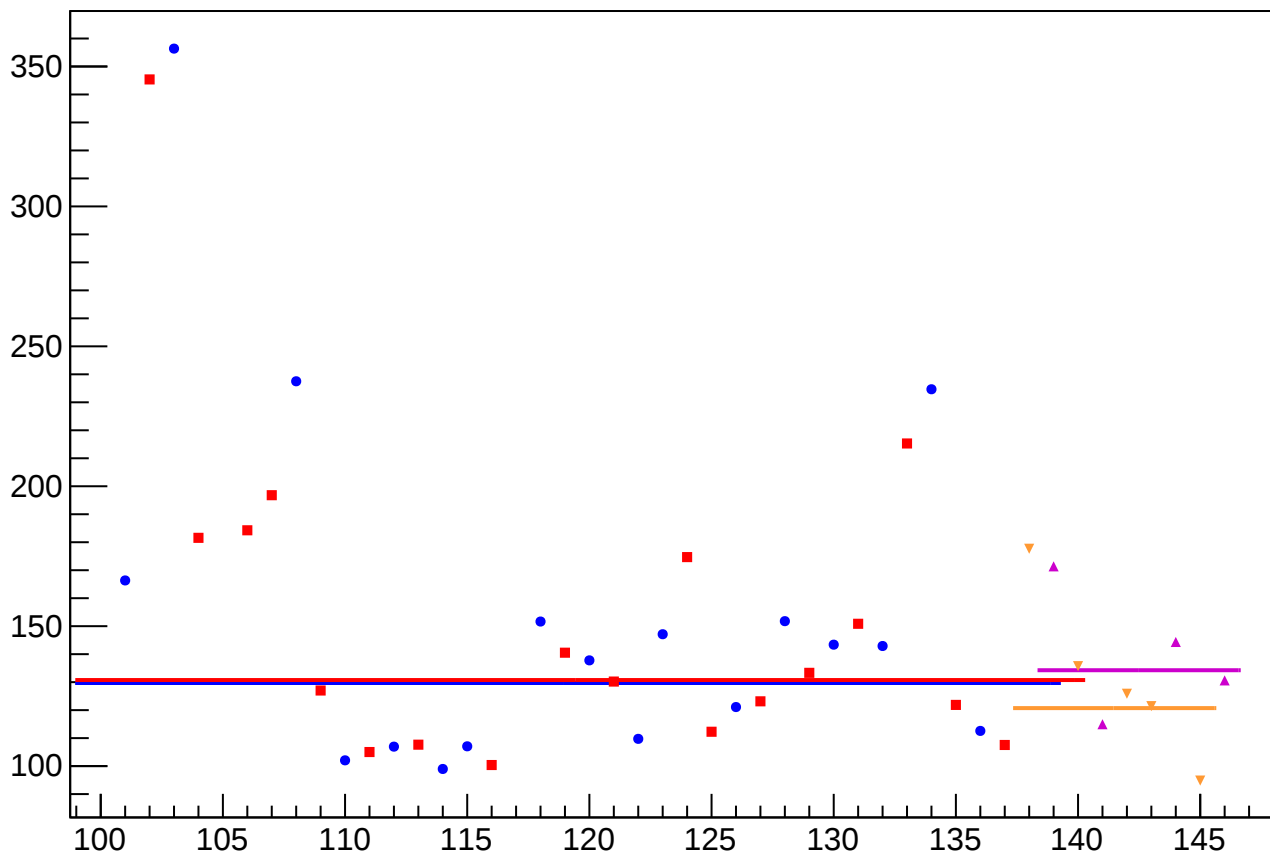
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 24.774 $\pm$ 43.625 χ^2 /NDF: 20.0/20

Out: 109.296 $\pm$ 41.303 χ^2 /NDF: 25.9/22

All: 69.345 $\pm$ 29.993 χ^2 /NDF: 47.9/43

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 120.725 $\pm$ 0.048 χ^2 /NDF: 275966.8/4

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 134.260 $\pm$ 0.055 χ^2 /NDF: 127722.6/3

Left: 126.515 $\pm$ 0.036 χ^2 /NDF: 438364.9/8

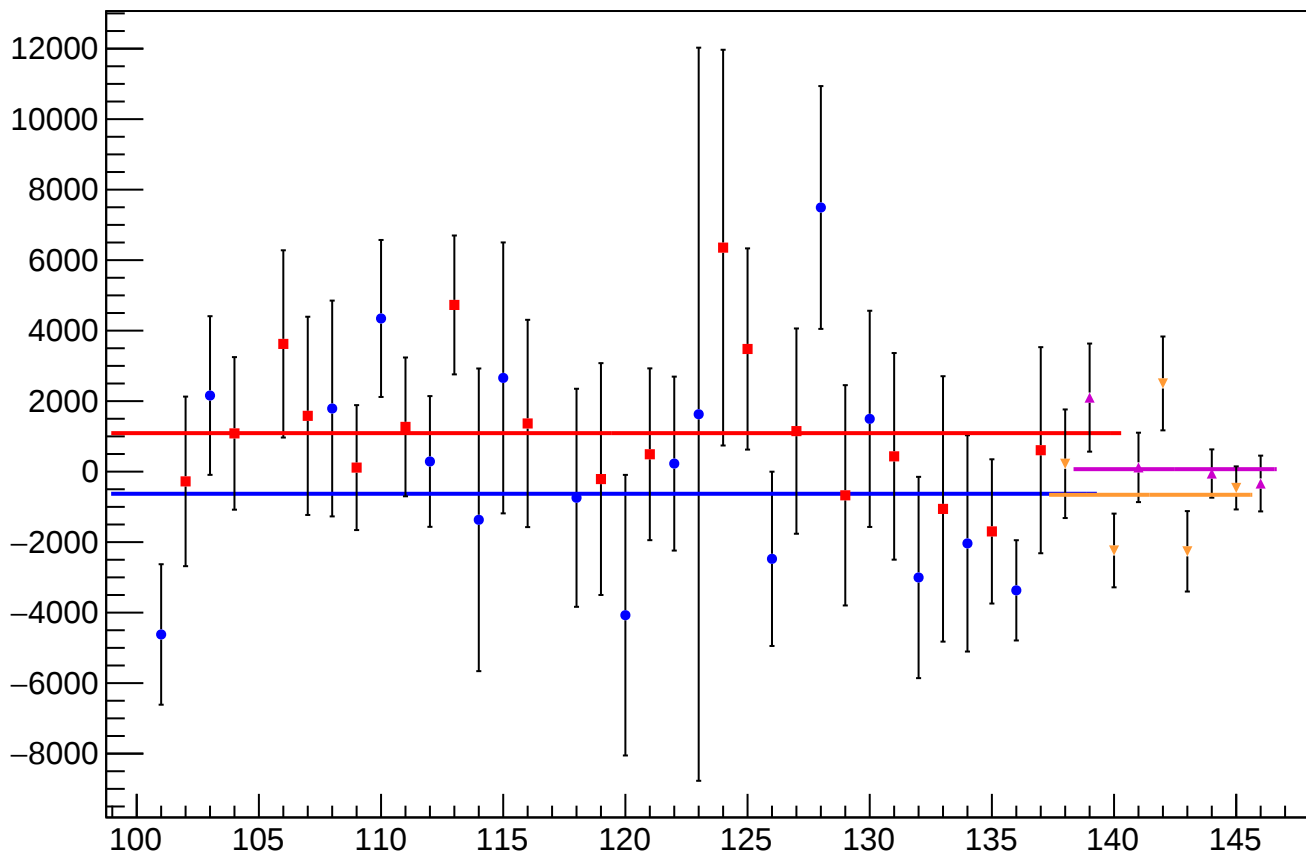
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 131.133 $\pm$ 0.031 χ^2 /NDF: 1122125.7/20

Out: 126.968 $\pm$ 0.029 χ^2 /NDF: 1231194.2/22

All: 128.937 $\pm$ 0.021 χ^2 /NDF: 2362935.0/43

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -656.983+/-432.420 χ^2/NDF :10.3/4

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 70.008+/-439.110 χ^2/NDF :2.1/3

Left: -299.067+/-308.105 χ^2/NDF : 13.8/8

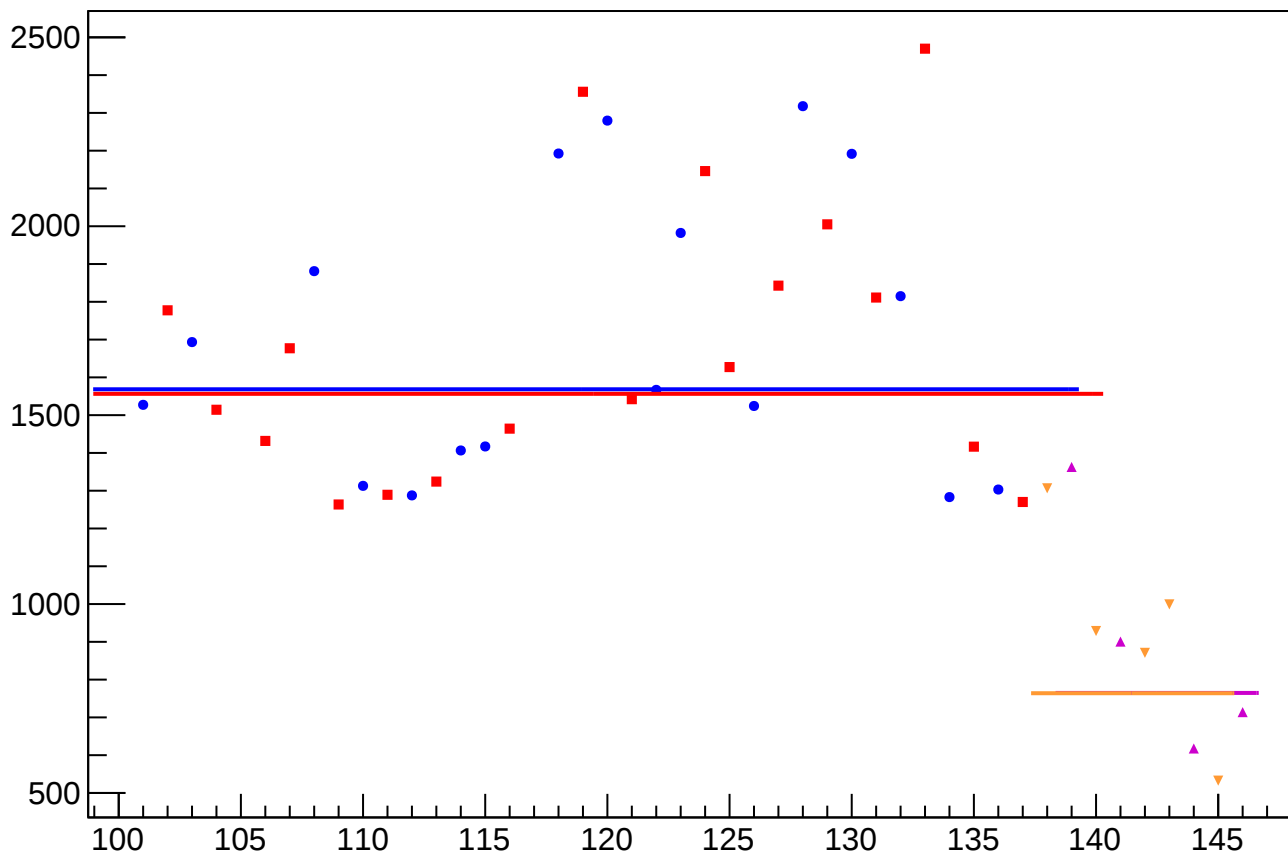
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -162.474+/-358.626 χ^2/NDF :27.2/20

Out: -58.434+/-350.704 χ^2/NDF :25.3/22

All: -109.292+/-250.739 χ^2/NDF : 52.5/43

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 763.986+/-0.306 χ^2/NDF : 682286.7/4

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 764.751+/-0.310 χ^2/NDF : 442905.3/3

Left: 764.362+/-0.218 χ^2/NDF : 1125195.1/8

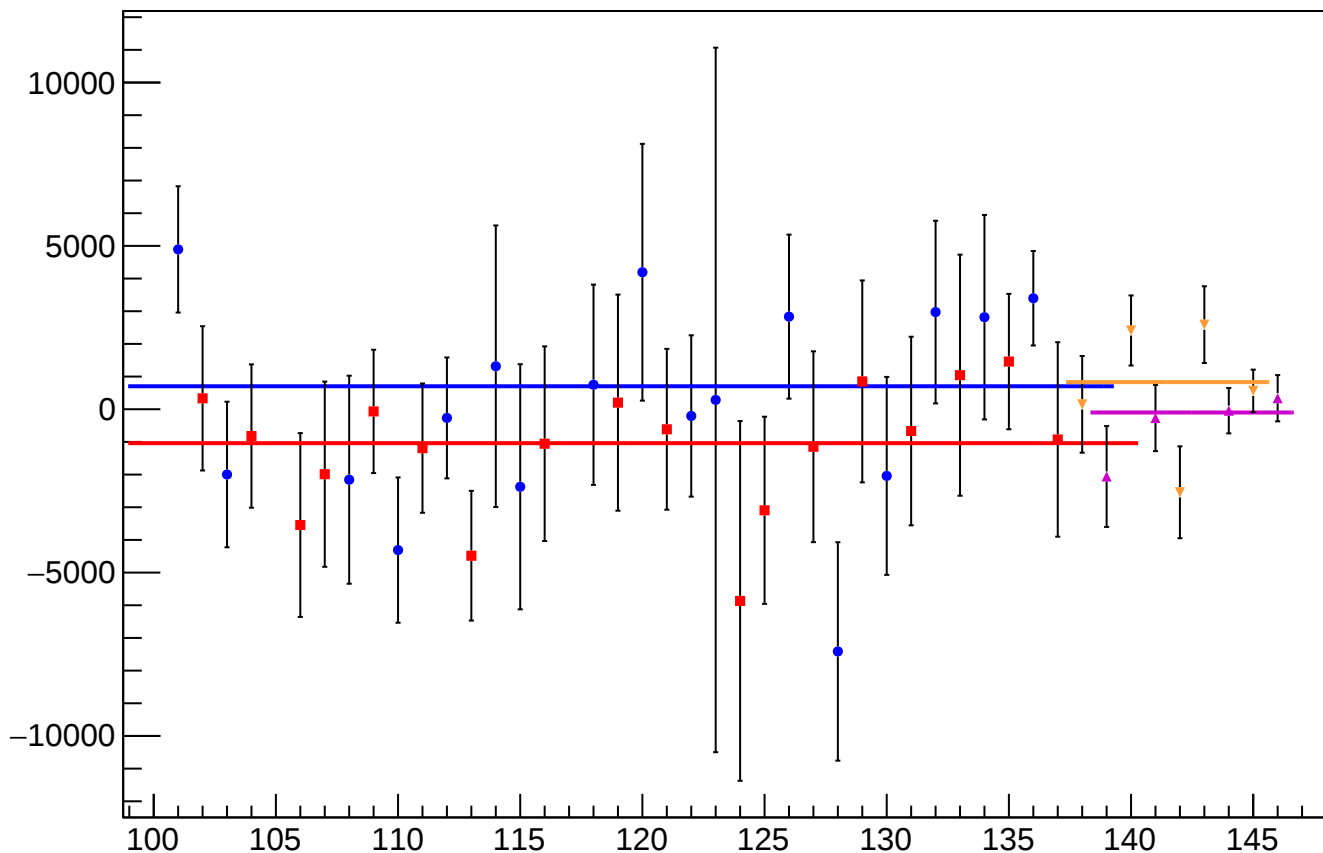
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1032.378+/-0.254 χ^2/NDF : 3208228.6/20

Out: 1035.188+/-0.248 χ^2/NDF : 3491405.7/22

All: 1033.814+/-0.177 χ^2/NDF : 6699697.1/43

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 830.216+/-450.695 χ^2/NDF :10.5/4

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -99.663+/-427.637 χ^2/NDF :2.0/3

Left: 340.883+/-310.216 χ^2/NDF : 14.8/8

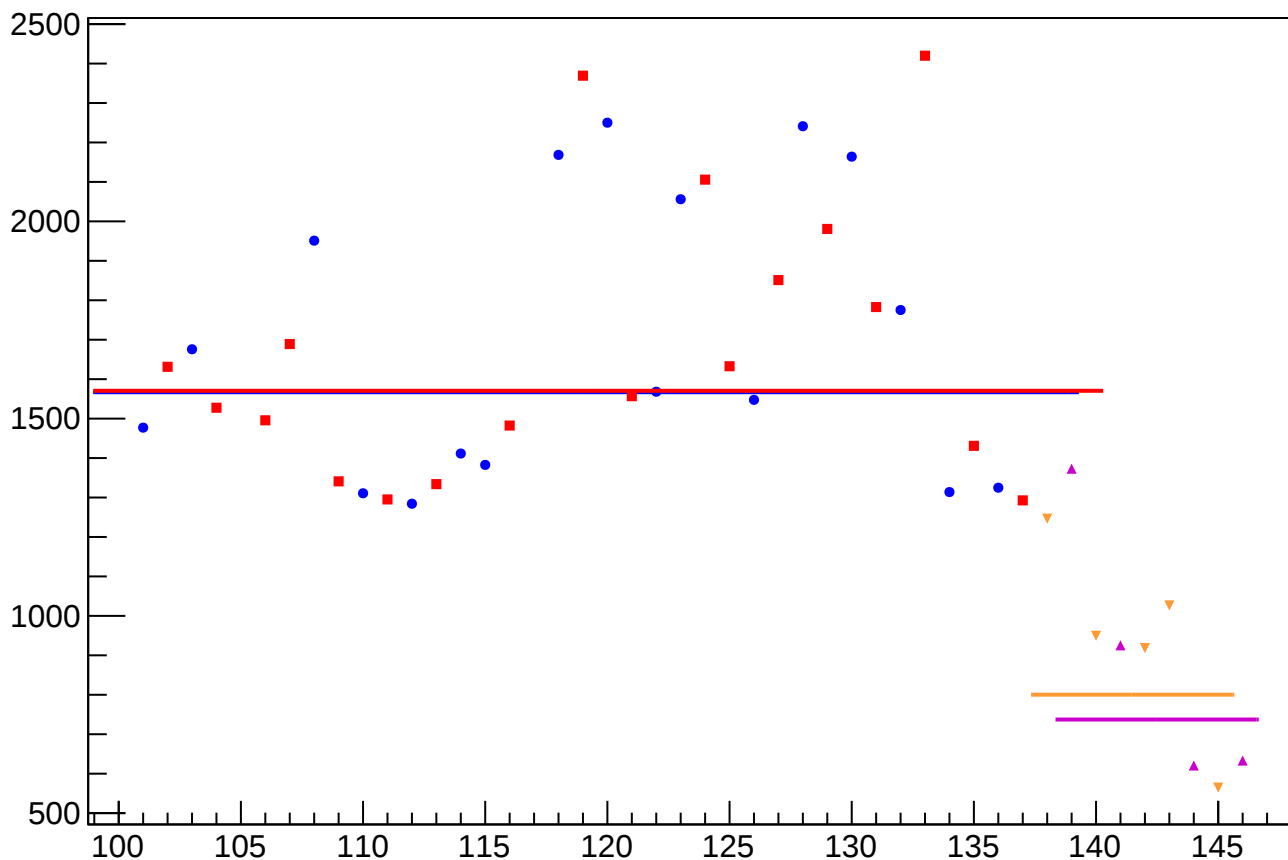
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 158.763+/-352.136 χ^2/NDF :29.1/20

Out: 162.248+/-361.270 χ^2/NDF :24.9/22

All: 160.461+/-252.165 χ^2/NDF : 54.0/43

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 800.238 $\pm$ 0.319 χ^2 /NDF: 571460.5/4

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 737.241 $\pm$ 0.302 χ^2 /NDF: 507643.3/3

Left: 767.087 $\pm$ 0.219 χ^2 /NDF: 1099667.0/8

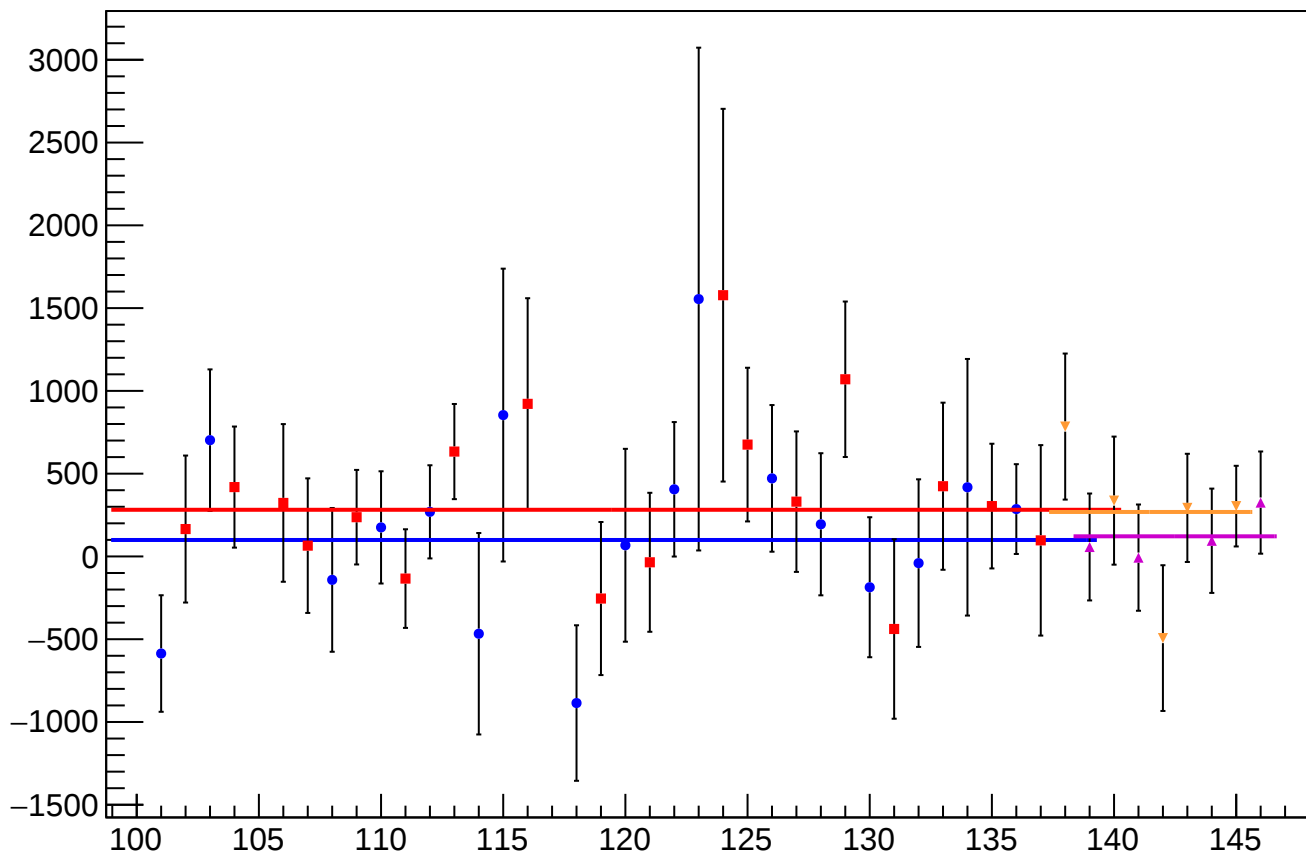
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1004.351 $\pm$ 0.249 χ^2 /NDF: 3431241.0/20

Out: 1075.595 $\pm$ 0.255 χ^2 /NDF: 3099185.2/22

All: 1039.061 $\pm$ 0.178 χ^2 /NDF: 6570311.7/43

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 268.659 $\pm$ 152.142 χ^2/NDF : 4.4/4

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 121.555 $\pm$ 158.369 χ^2/NDF : 0.6/3

Left: 198.055 $\pm$ 109.716 χ^2/NDF : 5.5/8

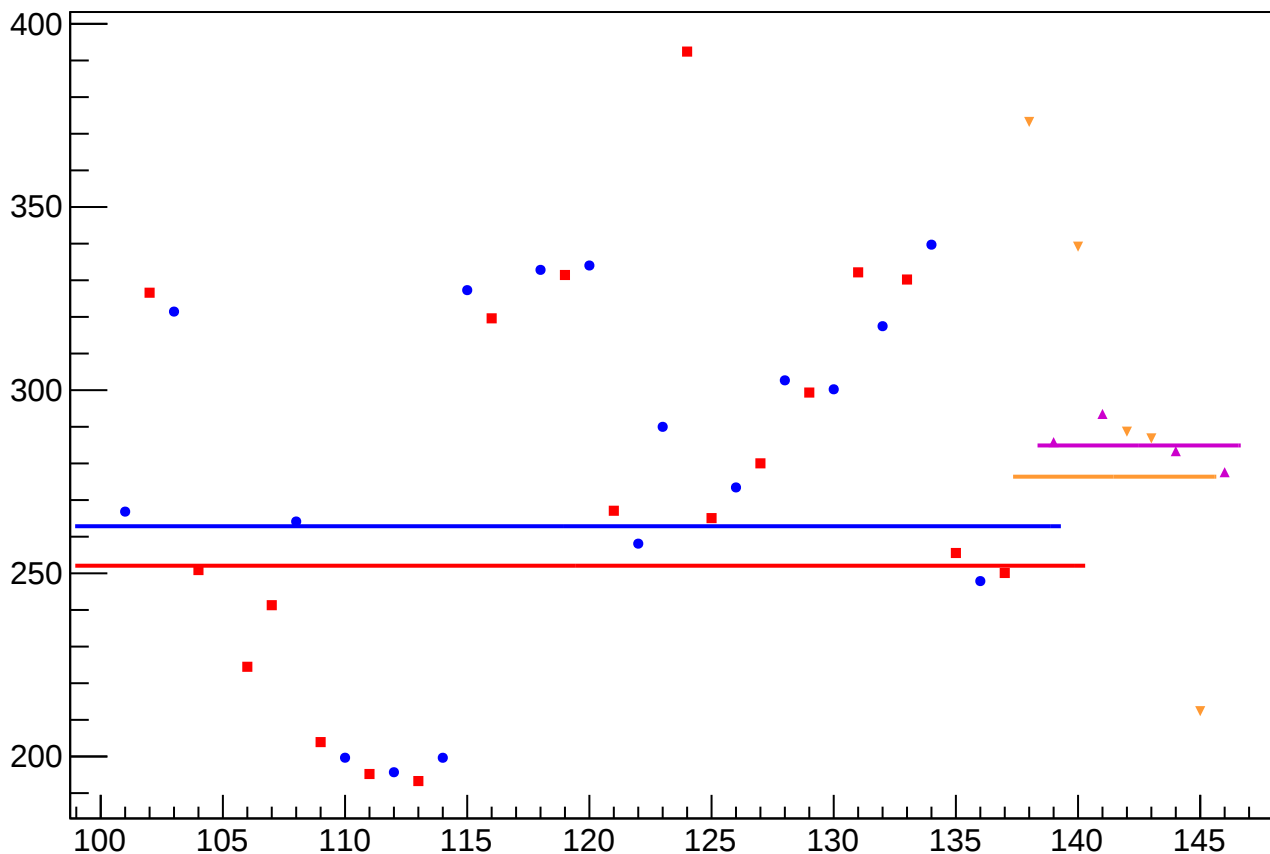
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 106.018 $\pm$ 86.617 χ^2/NDF : 16.6/20

Out: 277.974 $\pm$ 82.316 χ^2/NDF : 18.1/22

All: 196.371 $\pm$ 59.669 χ^2/NDF : 36.8/43

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 276.384 ± 0.108 χ^2/NDF : 290823.3/4

Right Out: 252.079 ± 0.069 χ^2/NDF : 515150.4/17

Left In: 284.906 ± 0.112 χ^2/NDF : 2622.5/3

Left: 280.474 ± 0.078 χ^2/NDF : 296457.4/8

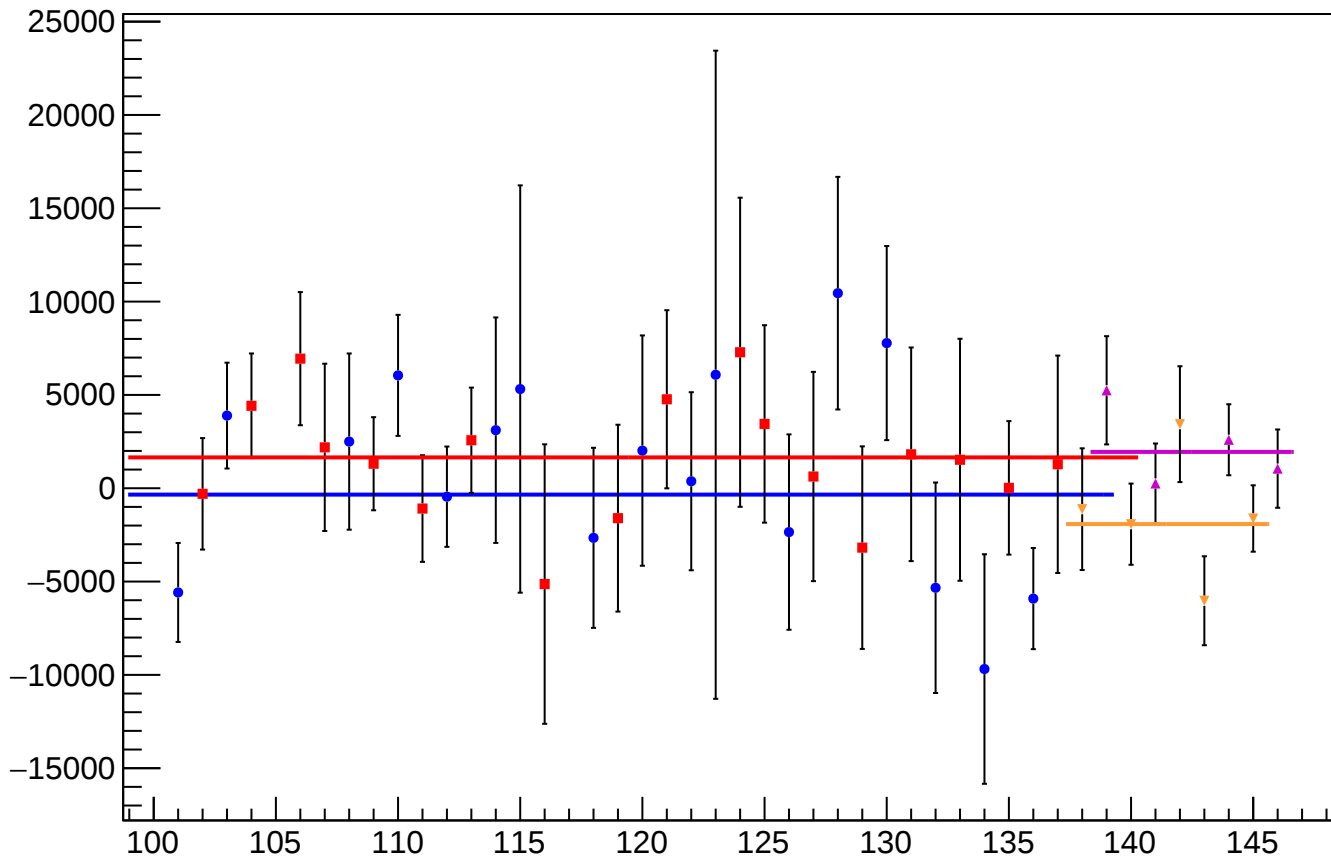
Right: 257.169 ± 0.050 χ^2/NDF : 938300.0/34

In: 269.452 ± 0.061 χ^2/NDF : 441492.1/20

Out: 259.194 ± 0.058 χ^2/NDF : 842071.7/22

All: 264.062 ± 0.042 χ^2/NDF : 1298303.0/43

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -1919.474+/-1053.350 χ^2/NDF : 6.0/4

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 1946.843+/-1090.677 χ^2/NDF : 2.2/3

Left: -53.606+/-757.684 χ^2/NDF : 14.8/8

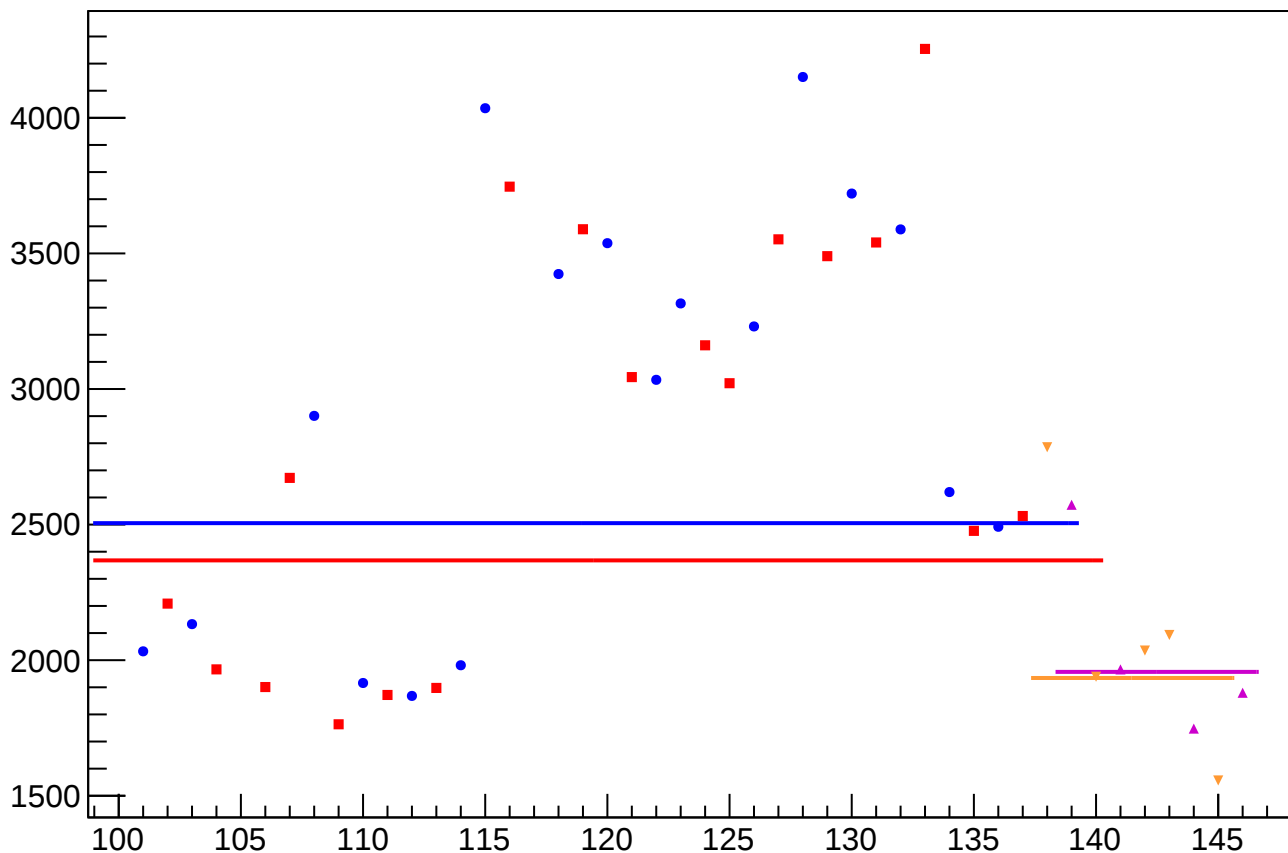
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 708.840+/-738.933 χ^2/NDF : 29.0/20

Out: 87.771+/-697.101 χ^2/NDF : 20.4/22

All: 380.229+/-507.069 χ^2/NDF : 49.8/43

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 1934.357+/-0.745 χ^2/NDF : 237419.2/4

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 1956.854+/-0.771 χ^2/NDF : 117249.1/3

Left: 1945.214+/-0.536 χ^2/NDF : 355108.6/8

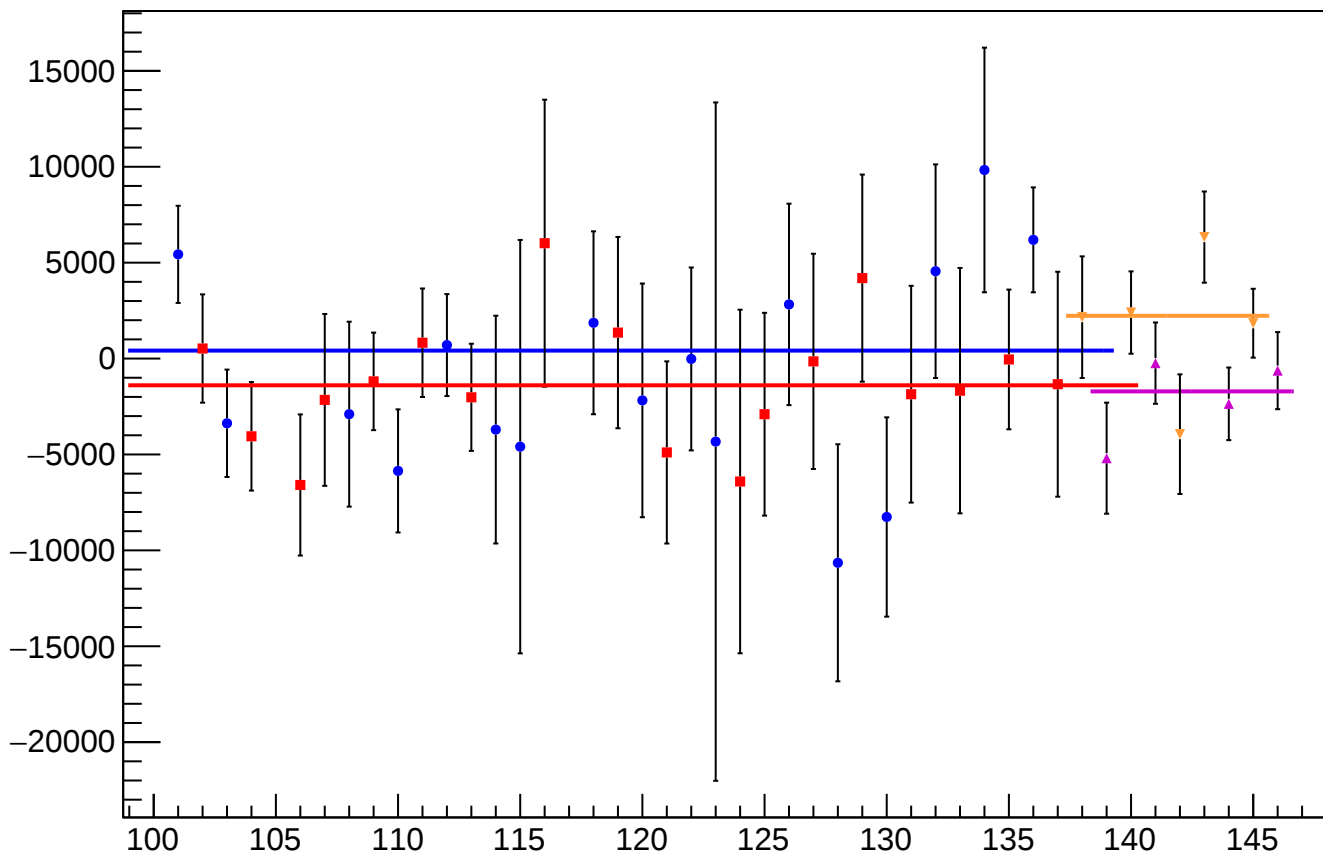
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2253.577+/-0.523 χ^2/NDF : 1255000.6/20

Out: 2178.078+/-0.493 χ^2/NDF : 1458807.5/22

All: 2213.630+/-0.359 χ^2/NDF : 2724854.9/43

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2229.963+/-1050.344 χ^2/NDF : 6.9/4

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -1712.406+/-1073.115 χ^2/NDF : 2.3/3

Left: 301.049+/-750.626 χ^2/NDF : 16.2/8

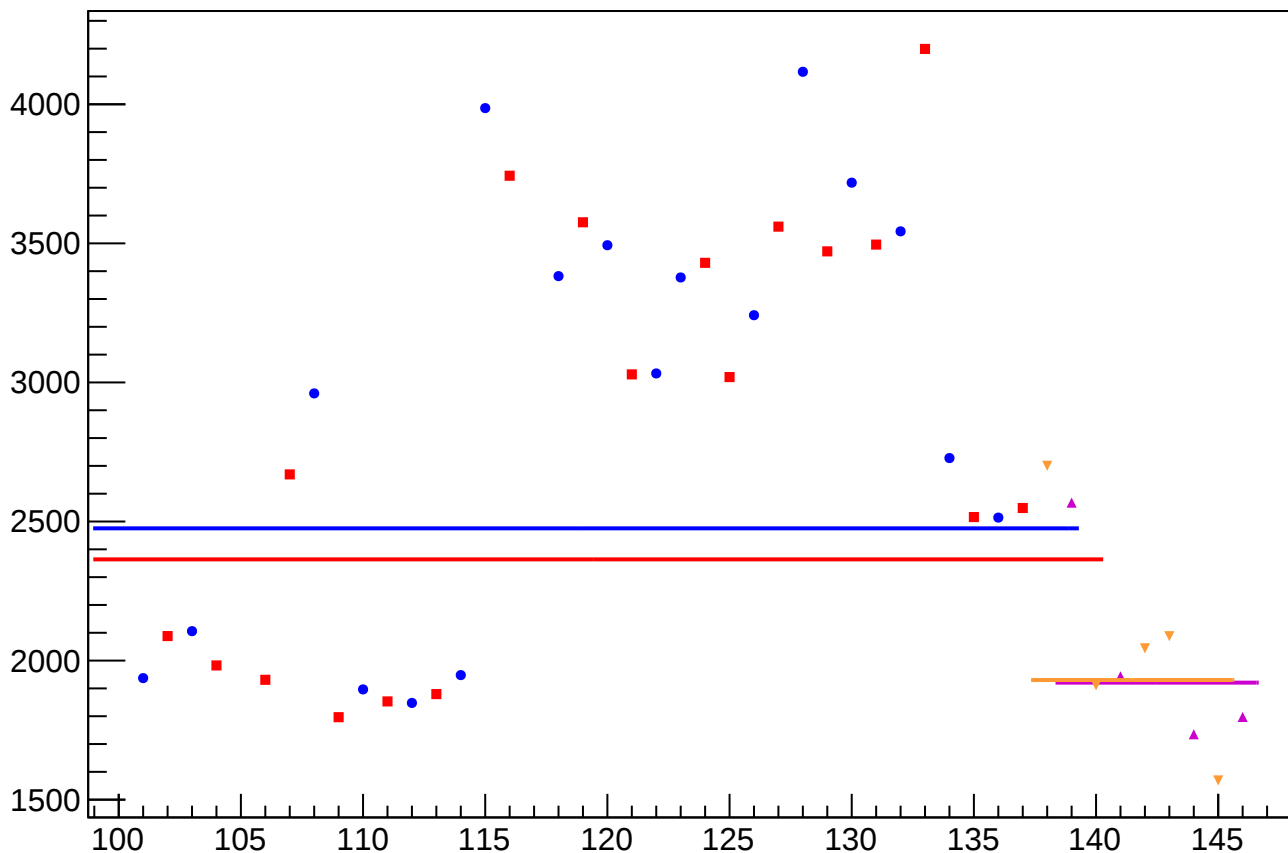
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -568.076+/-729.591 χ^2/NDF : 29.0/20

Out: 196.268+/-695.866 χ^2/NDF : 21.2/22

All: -167.830+/-503.552 χ^2/NDF : 50.7/43

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 +/- 0.704 χ^2/NDF : 913073.5/16

Left Out: 1930.140 +/- 0.743 χ^2/NDF : 210550.2/4

Right Out: 2363.907 +/- 0.657 χ^2/NDF : 1026875.6/17

Left In: 1920.742 +/- 0.759 χ^2/NDF : 126908.6/3

Left: 1925.542 +/- 0.531 χ^2/NDF : 337537.1/8

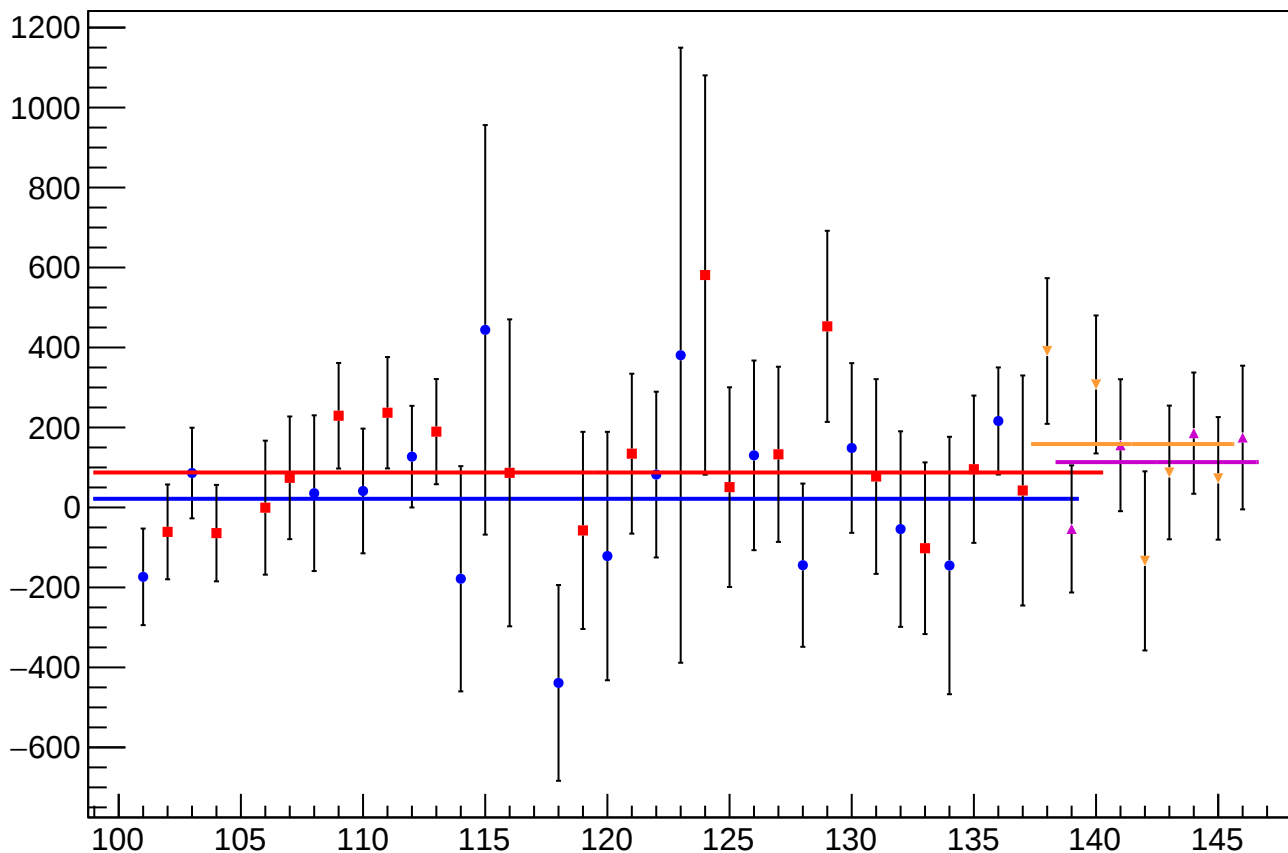
Right: 2415.854 +/- 0.480 χ^2/NDF : 1953375.1/34

In: 2219.034 +/- 0.516 χ^2/NDF : 1327345.3/20

Out: 2173.517 +/- 0.492 χ^2/NDF : 1428808.2/22

All: 2195.199 +/- 0.356 χ^2/NDF : 2760229.7/43

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 158.541 $\pm$ 78.571 χ^2 /NDF:4.6/4

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 113.355 $\pm$ 81.430 χ^2 /NDF:1.5/3

Left: 136.755 $\pm$ 56.542 χ^2 /NDF: 6.2/8

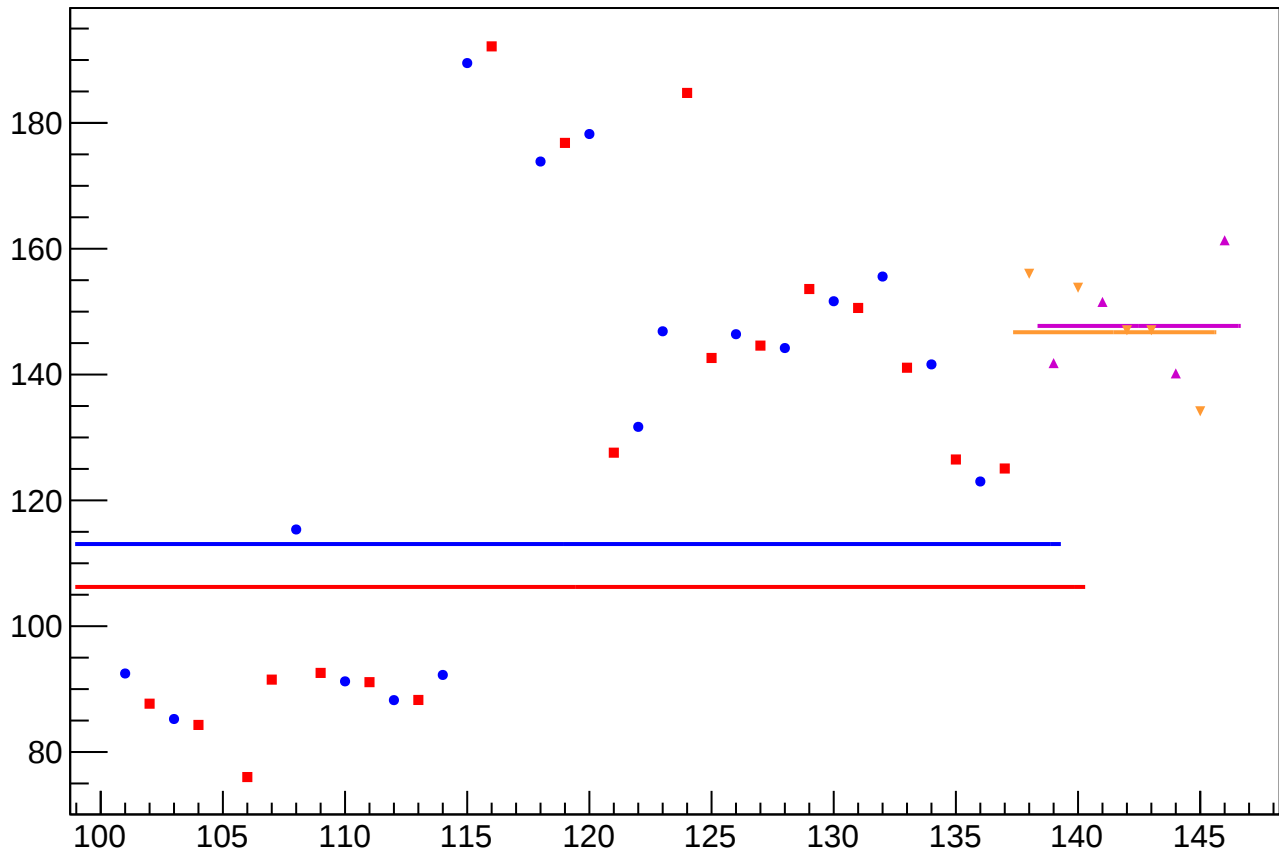
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 43.217 $\pm$ 39.491 χ^2 /NDF:15.1/20

Out: 103.139 $\pm$ 36.921 χ^2 /NDF:16.1/22

All: 75.191 $\pm$ 26.970 χ^2 /NDF: 32.4/43

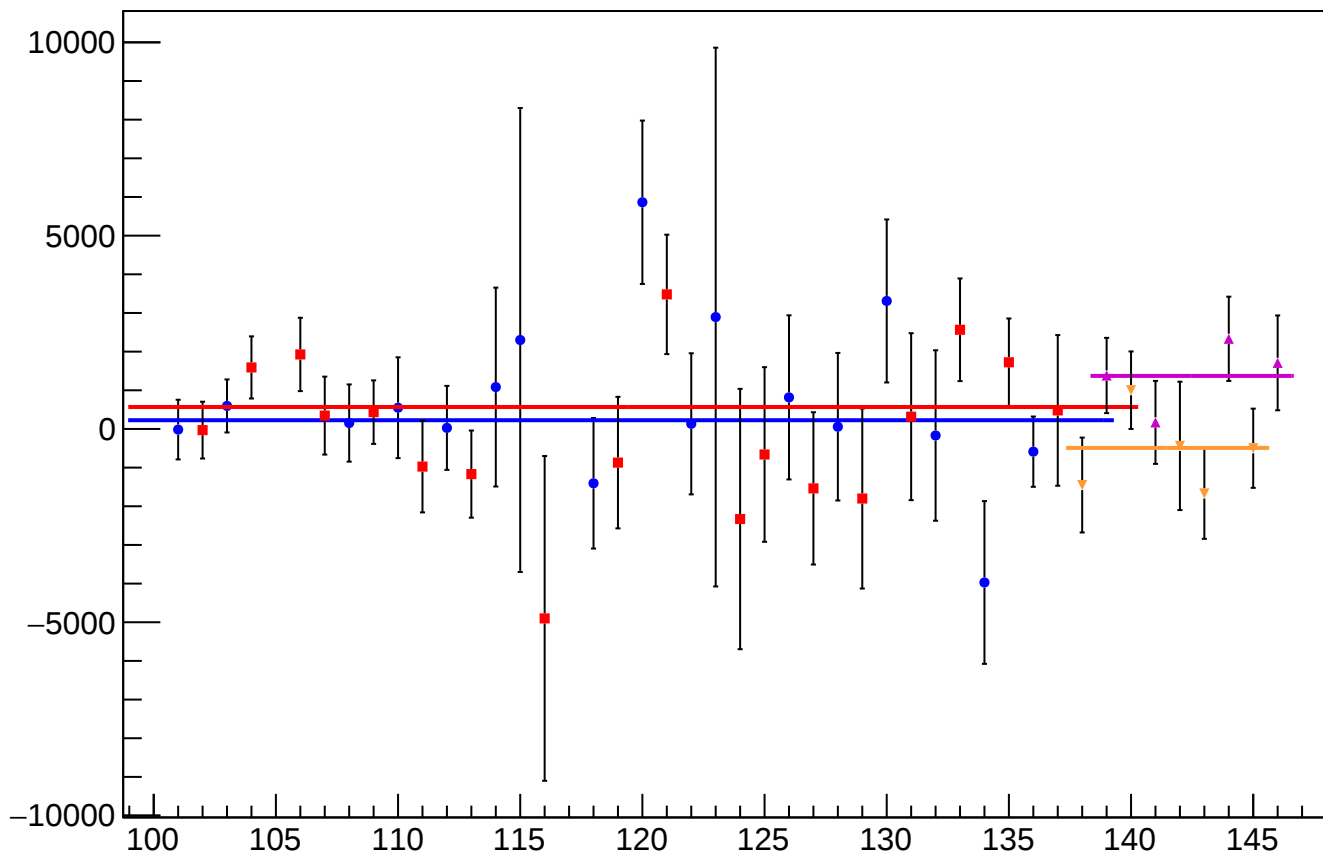
dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16
 Left Out: 146.727 $\pm$ 0.056 χ^2/NDF :22027.3/4
 Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17
 Left In: 147.731 $\pm$ 0.058 χ^2/NDF :20273.0/3

Left: 147.211 $\pm$ 0.040 χ^2/NDF : 42457.7/8
 Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34
 In: 121.214 $\pm$ 0.028 χ^2/NDF :1118390.7/20
 Out: 115.180 $\pm$ 0.026 χ^2/NDF :1387521.5/22
 All: 117.994 $\pm$ 0.019 χ^2/NDF : 2530822.6/43

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -489.989 $\pm$ 519.800 χ^2/NDF : 3.8/4

Right Out: 568.109 $\pm$ 290.500 χ^2/NDF : 21.0/17

Left In: 1372.002 $\pm$ 539.877 χ^2/NDF : 2.1/3

Left: 405.742 $\pm$ 374.451 χ^2/NDF : 12.1/8

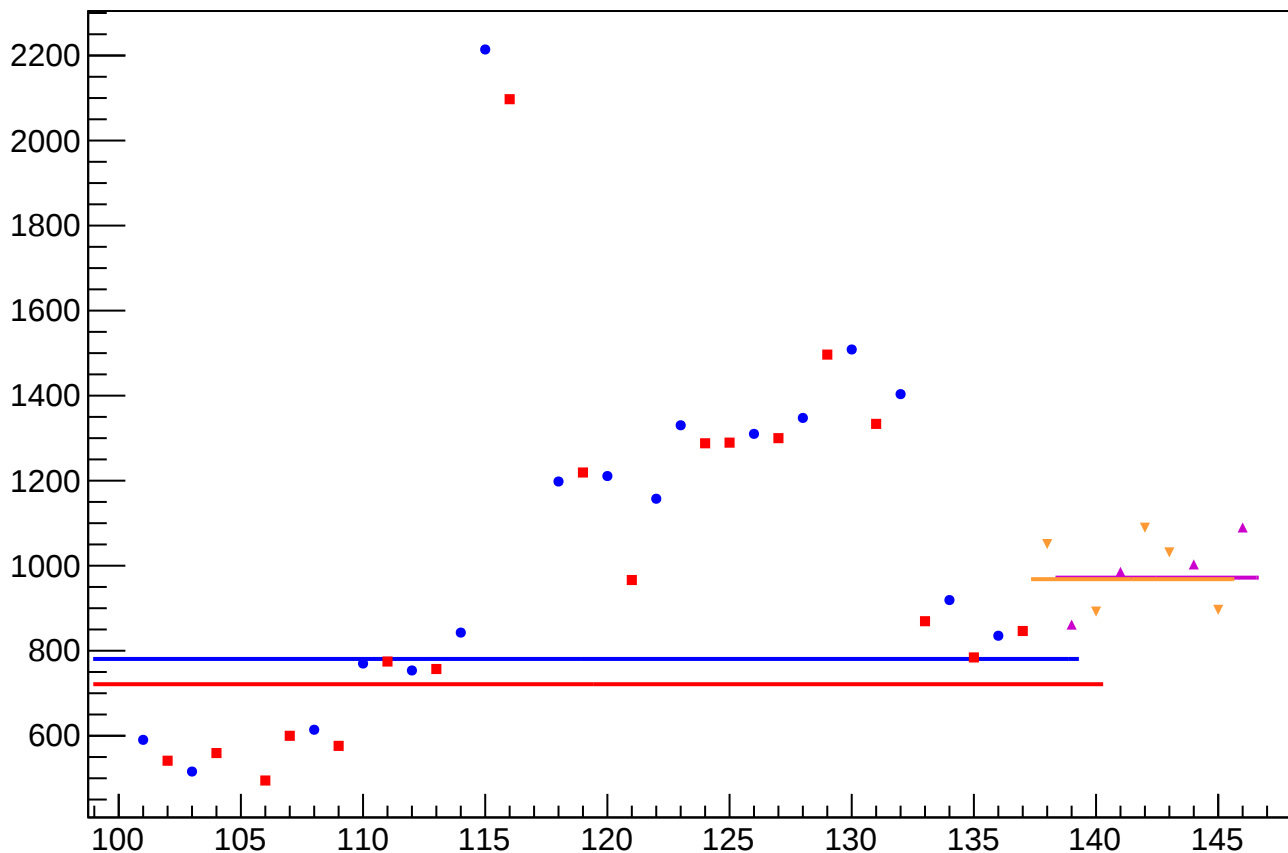
Right: 414.129 $\pm$ 215.517 χ^2/NDF : 37.6/34

In: 525.621 $\pm$ 276.174 χ^2/NDF : 21.4/20

Out: 316.283 $\pm$ 253.585 χ^2/NDF : 28.0/22

All: 412.042 $\pm$ 186.788 χ^2/NDF : 49.7/43

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 968.320+/-0.368 χ^2/NDF : 46921.6/4

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 971.932+/-0.382 χ^2/NDF : 46227.0/3

Left: 970.058+/-0.265 χ^2/NDF : 93195.0/8

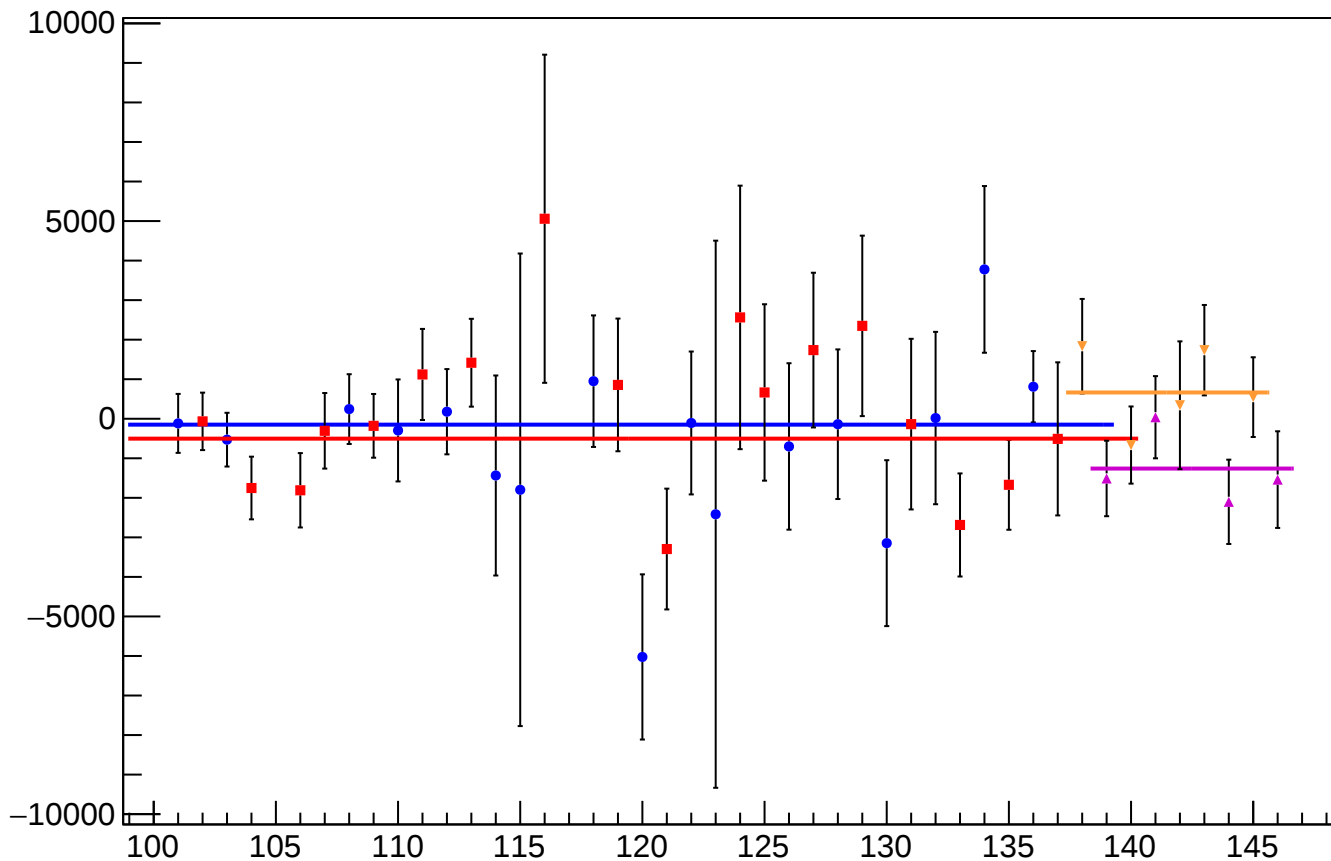
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 830.742+/-0.195 χ^2/NDF : 1841007.5/20

Out: 780.063+/-0.179 χ^2/NDF : 2017823.9/22

All: 803.246+/-0.132 χ^2/NDF : 3895372.4/43

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 664.569+/-507.573 χ^2/NDF : 3.7/4

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -1259.858+/-529.036 χ^2/NDF : 2.3/3

Left: -257.815+/-366.261 χ^2/NDF : 12.9/8

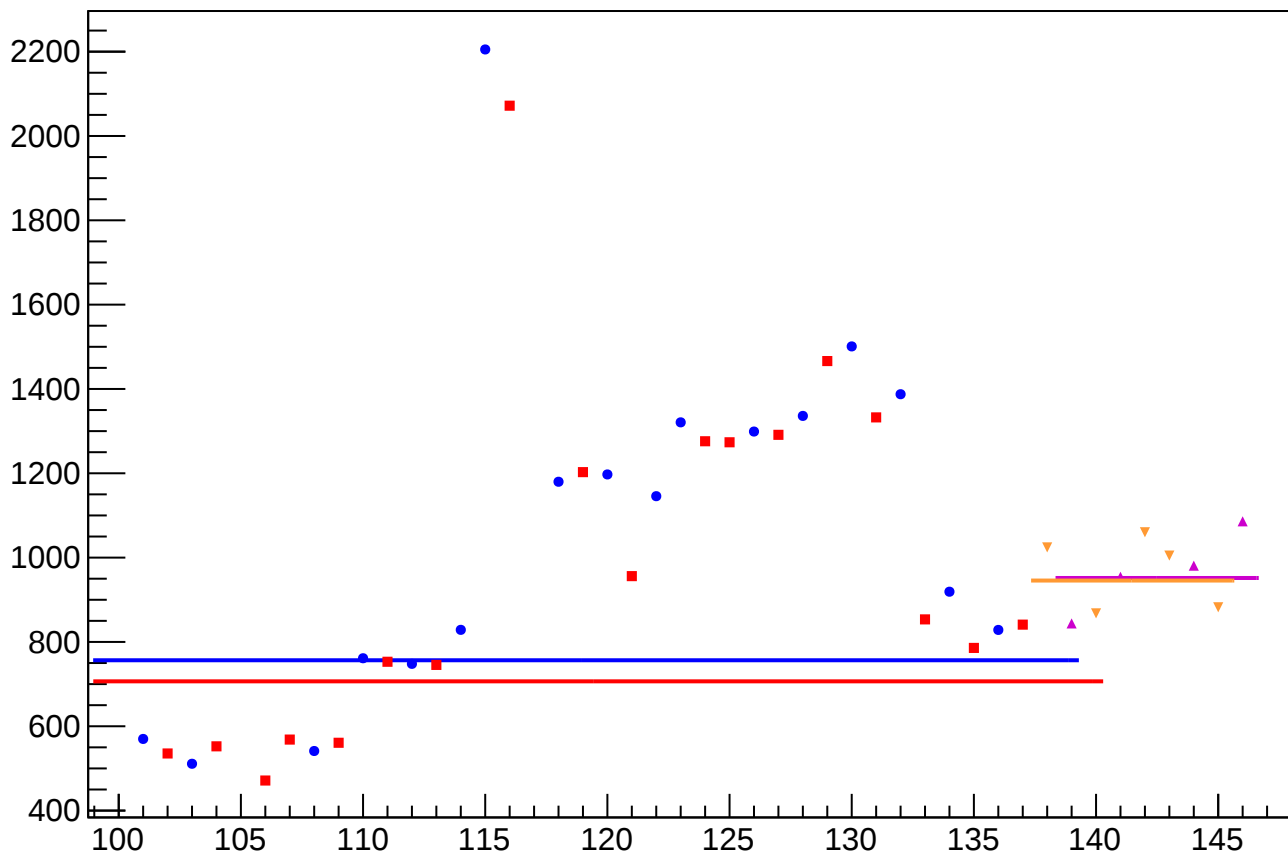
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -437.095+/-269.360 χ^2/NDF : 21.7/20

Out: -222.086+/-249.023 χ^2/NDF : 31.4/22

All: -321.168+/-182.853 χ^2/NDF : 53.4/43

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 945.610+/-0.359 χ^2/NDF : 44695.5/4

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 951.685+/-0.374 χ^2/NDF : 51216.1/3

Left: 948.522+/-0.259 χ^2/NDF : 96048.9/8

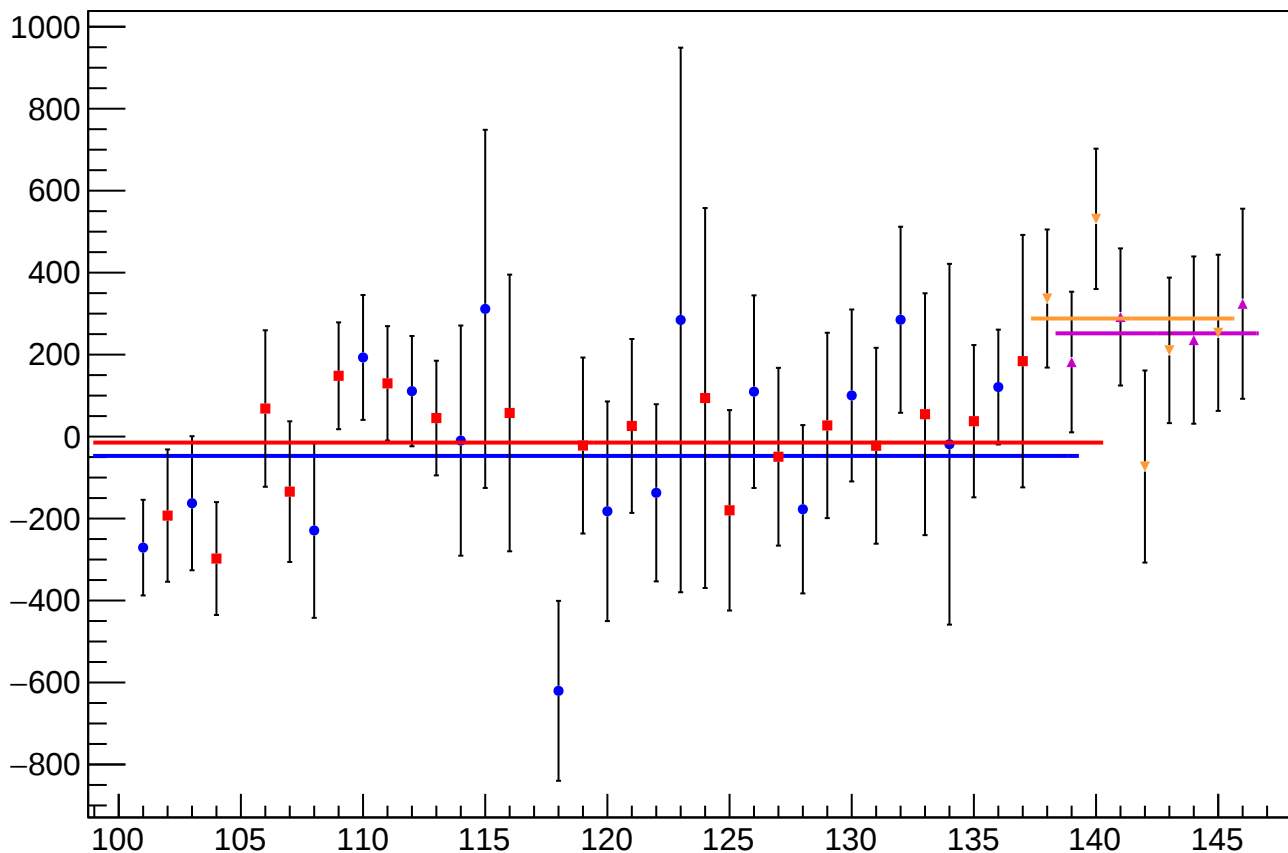
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 807.128+/-0.190 χ^2/NDF : 1966444.0/20

Out: 764.092+/-0.176 χ^2/NDF : 2051570.6/22

All: 783.924+/-0.129 χ^2/NDF : 4045540.4/43

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 288.115 $\pm$ 82.537 χ^2/NDF : 4.7/4

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 251.883 $\pm$ 94.356 χ^2/NDF : 0.3/3

Left: 272.409 $\pm$ 62.123 χ^2/NDF : 5.1/8

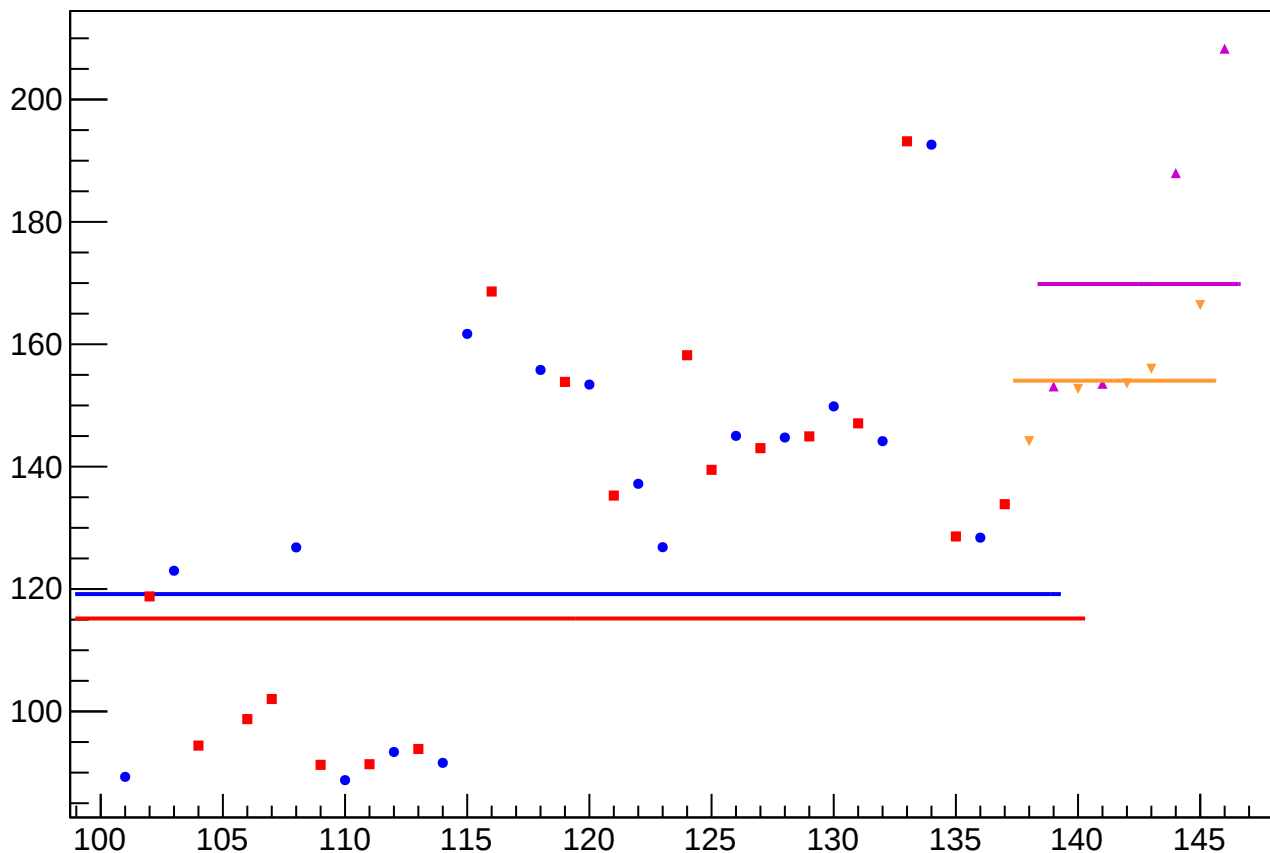
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 12.835 $\pm$ 42.262 χ^2/NDF : 30.2/20

Out: 54.391 $\pm$ 39.407 χ^2/NDF : 25.2/22

All: 35.064 $\pm$ 28.822 χ^2/NDF : 56.0/43

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 154.048 $\pm$ 0.058 χ^2/NDF :15660.5/4

Right Out: 115.188 $\pm$ 0.032 χ^2/NDF : 675564.7/17

Left In: 169.843 $\pm$ 0.067 χ^2/NDF :108795.2/3

Left: 160.895 $\pm$ 0.044 χ^2/NDF : 156207.0/8

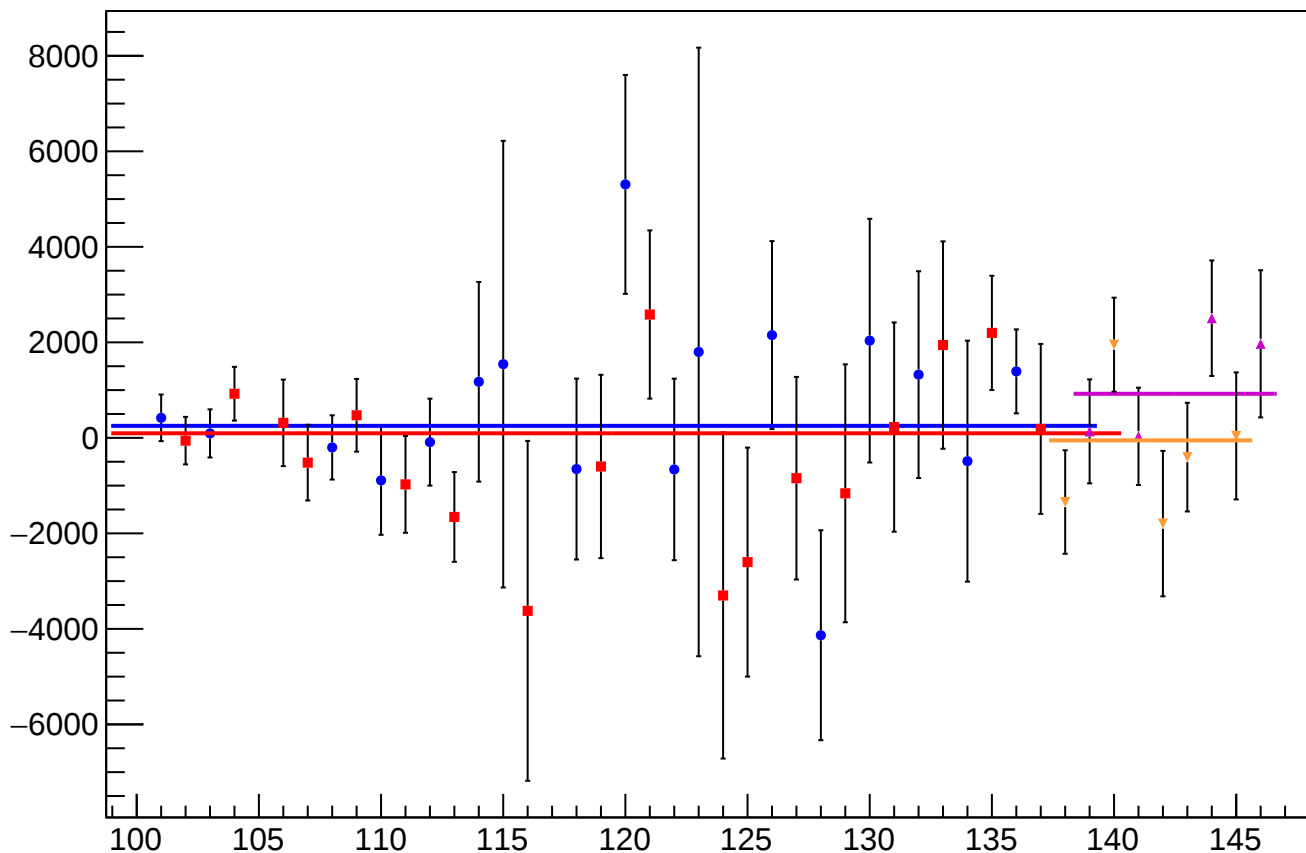
Right: 117.077 $\pm$ 0.023 χ^2/NDF : 1298359.0/34

In: 129.340 $\pm$ 0.030 χ^2/NDF :1185115.1/20

Out: 124.046 $\pm$ 0.028 χ^2/NDF :1033506.8/22

All: 126.508 $\pm$ 0.020 χ^2/NDF : 2235408.4/43

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: -52.473 $\pm$ 523.251 χ^2/NDF : 7.0/4

Right Out: 95.805 $\pm$ 245.748 χ^2/NDF : 17.5/17

Left In: 923.172 $\pm$ 586.077 χ^2/NDF : 3.5/3

Left: 380.271 $\pm$ 390.323 χ^2/NDF : 12.0/8

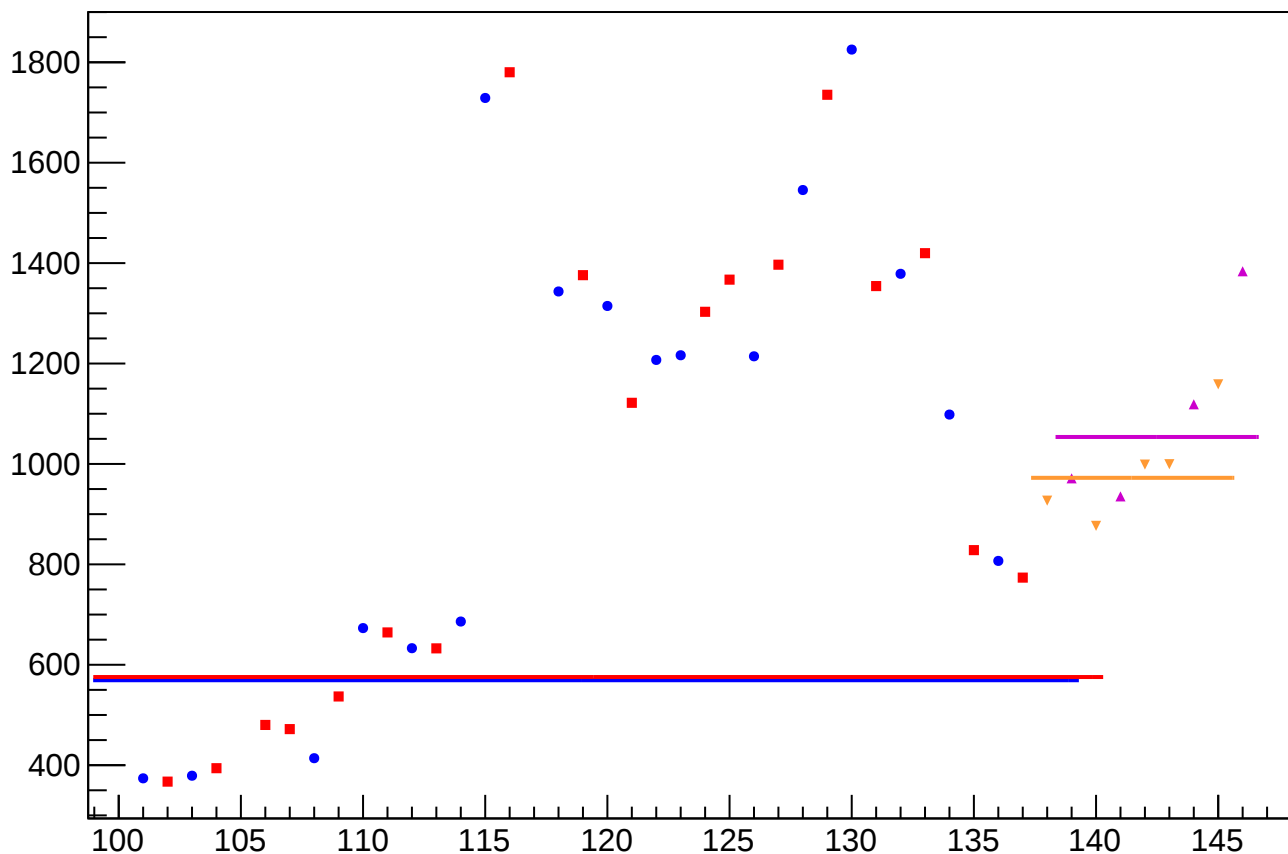
Right: 171.557 $\pm$ 176.217 χ^2/NDF : 32.5/34

In: 357.075 $\pm$ 232.141 χ^2/NDF : 19.4/20

Out: 69.009 $\pm$ 222.437 χ^2/NDF : 24.5/22

All: 206.895 $\pm$ 160.608 χ^2/NDF : 44.7/43

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2/NDF : 3267047.1/16

Left Out: 972.364 $\pm$ 0.370 χ^2/NDF : 63337.2/4

Right Out: 575.584 $\pm$ 0.174 χ^2/NDF : 3058273.5/17

Left In: 1053.729 $\pm$ 0.414 χ^2/NDF : 135958.9/3

Left: 1008.453 $\pm$ 0.276 χ^2/NDF : 220746.3/8

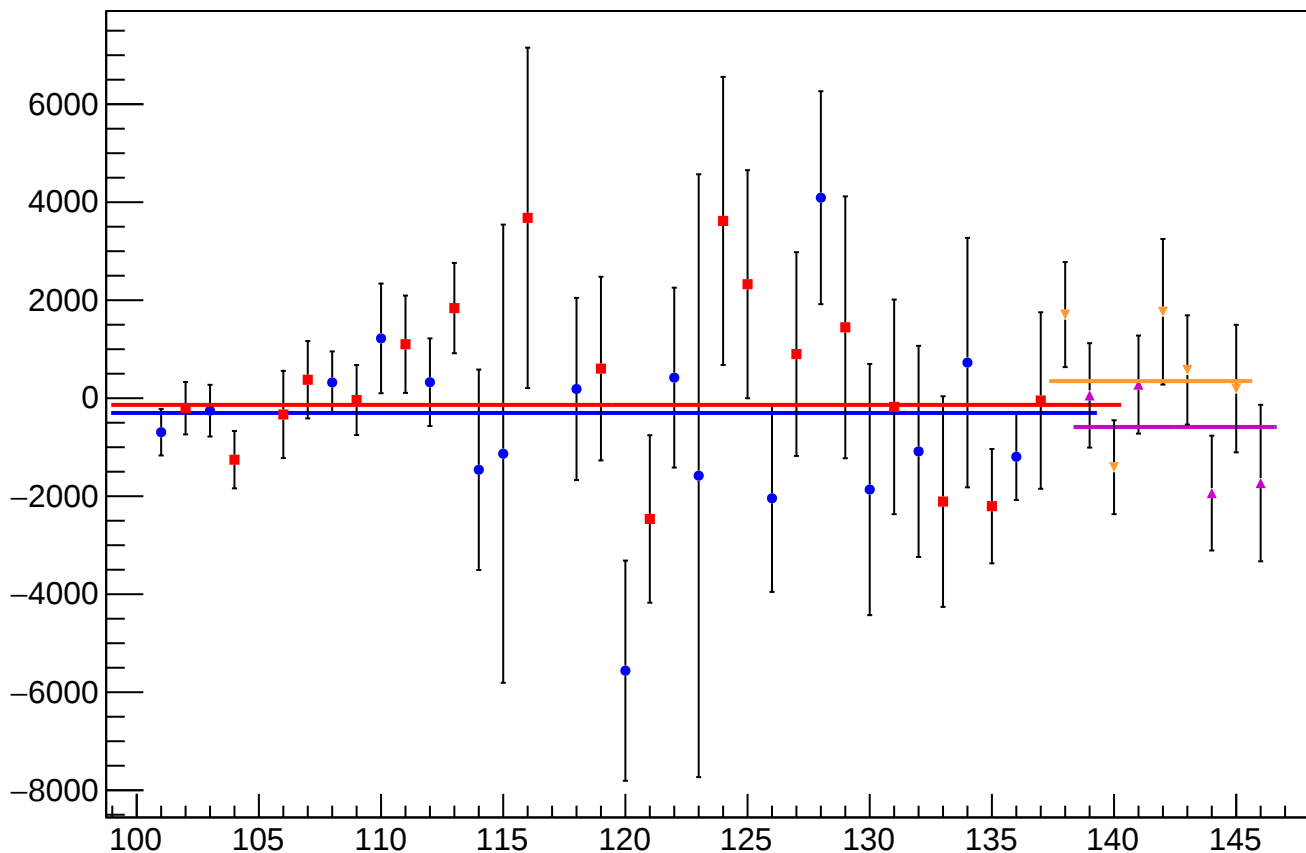
Right: 572.482 $\pm$ 0.125 χ^2/NDF : 6325976.2/34

In: 645.217 $\pm$ 0.164 χ^2/NDF : 4555517.6/20

Out: 647.288 $\pm$ 0.157 χ^2/NDF : 4063814.0/22

All: 646.297 $\pm$ 0.114 χ^2/NDF : 8619414.5/43

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 349.645 ± 512.500 $\chi^2/\text{NDF}: 5.9/4$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: -586.723 ± 577.170 $\chi^2/\text{NDF}: 3.0/3$

Left: -63.162 ± 383.225 $\chi^2/\text{NDF}: 10.4/8$

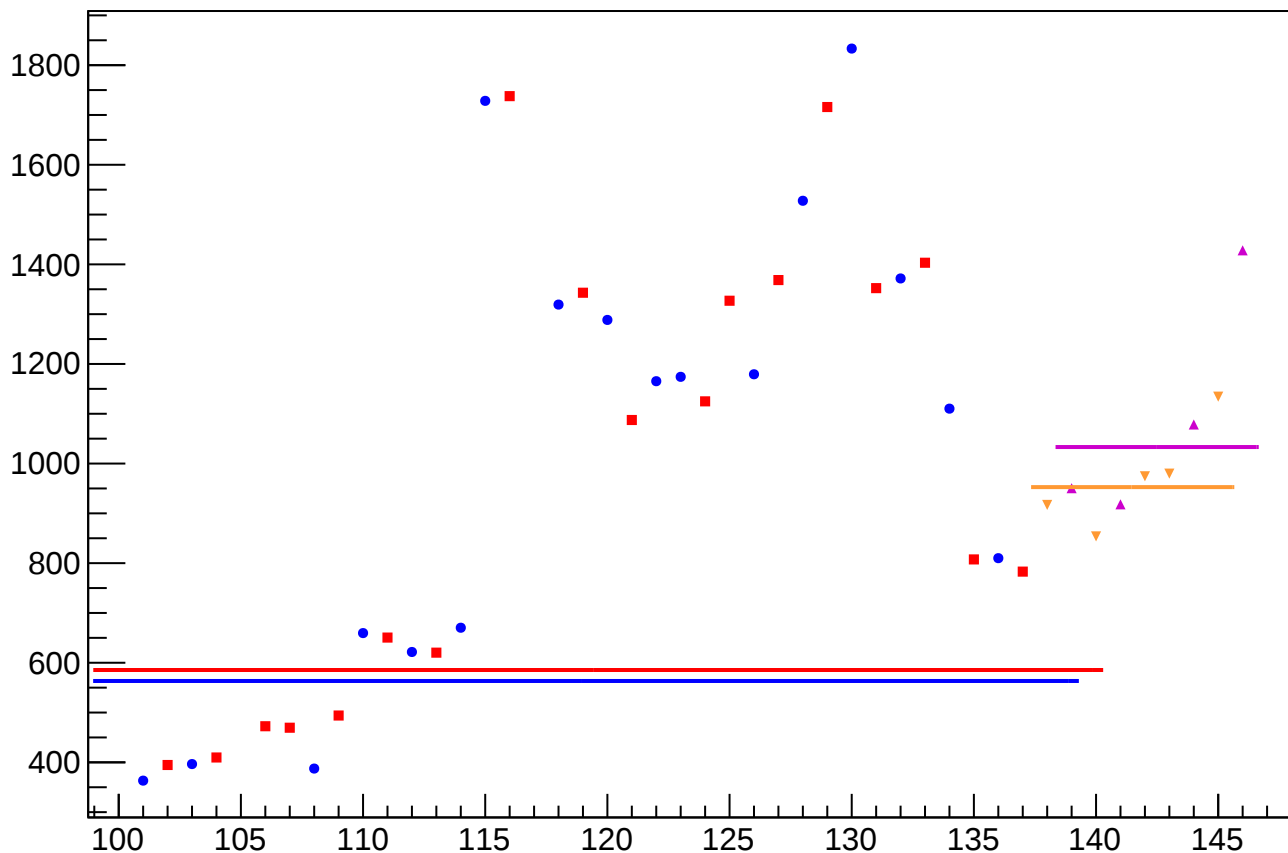
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -345.937 ± 229.638 $\chi^2/\text{NDF}: 19.9/20$

Out: -44.129 ± 223.012 $\chi^2/\text{NDF}: 27.5/22$

All: -190.616 ± 159.985 $\chi^2/\text{NDF}: 48.3/43$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 952.693+/-0.362 χ^2/NDF : 64143.4/4

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1033.180+/-0.408 χ^2/NDF : 163818.7/3

Left: 988.177+/-0.271 χ^2/NDF : 249708.6/8

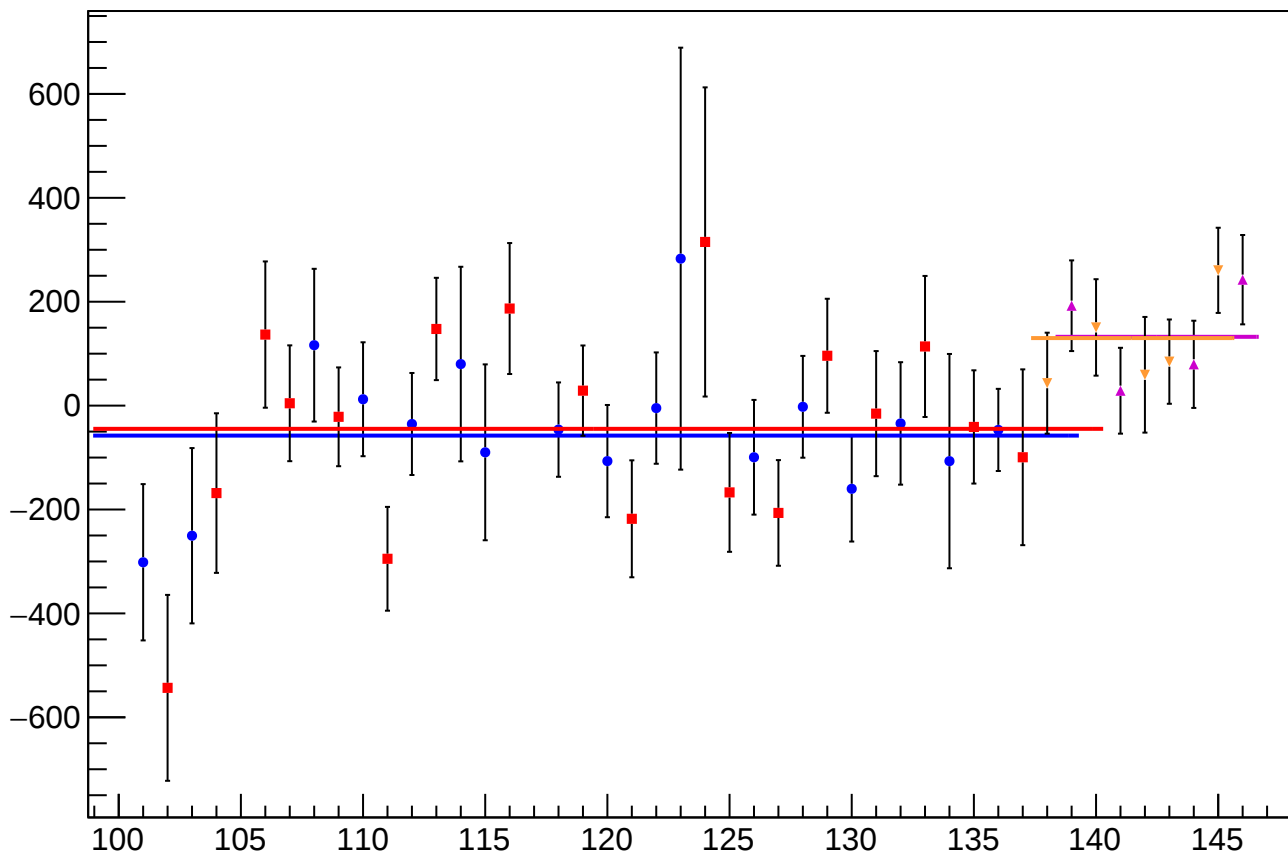
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 637.760+/-0.162 χ^2/NDF : 4538136.1/20

Out: 654.979+/-0.158 χ^2/NDF : 3714835.7/22

All: 646.621+/-0.113 χ^2/NDF : 8258758.5/43

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$

Left Out: 130.015 ± 40.715 $\chi^2/\text{NDF}: 4.1/4$

Right Out: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$

Left In: 132.460 ± 42.453 $\chi^2/\text{NDF}: 4.1/3$

Left: 131.187 ± 29.385 $\chi^2/\text{NDF}: 8.2/8$

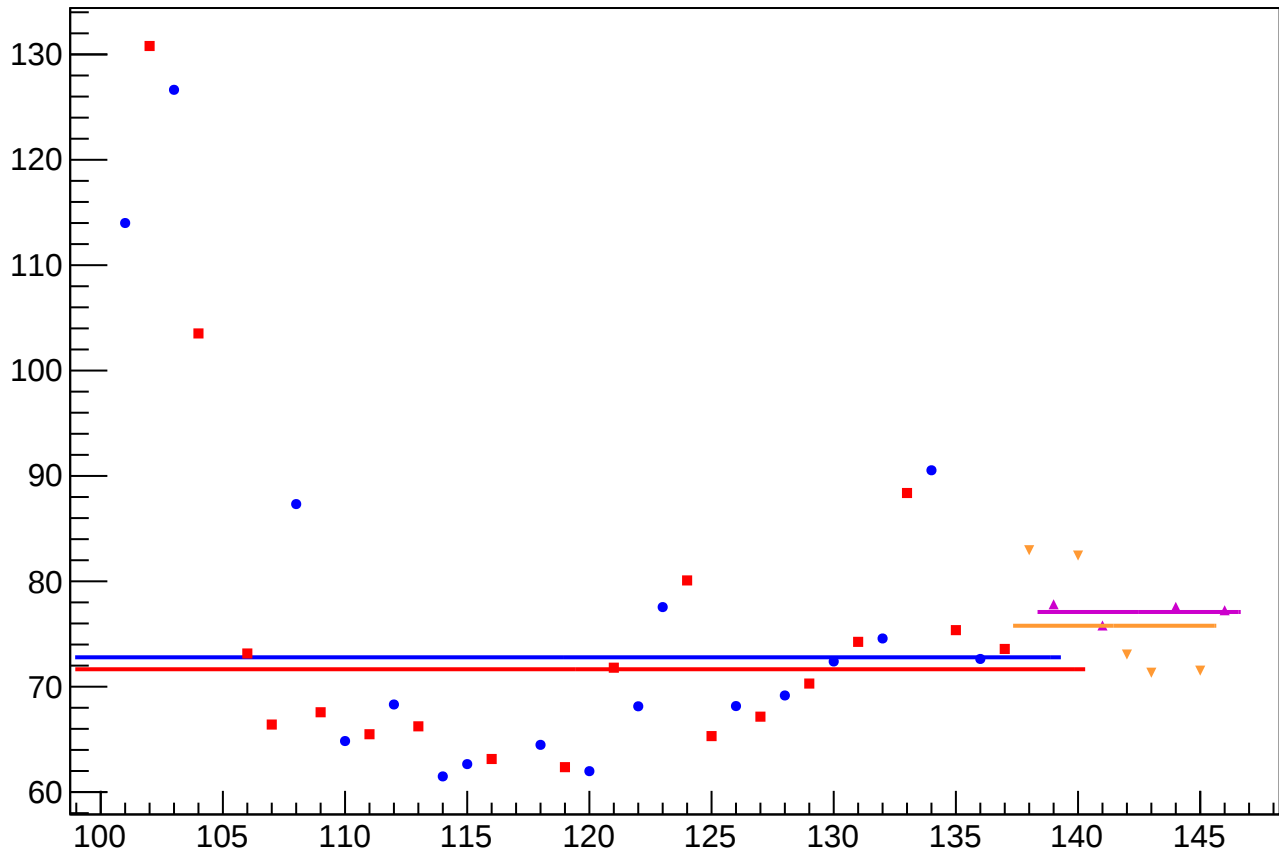
Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$

In: 1.923 ± 23.773 $\chi^2/\text{NDF}: 27.0/20$

Out: 10.616 ± 22.909 $\chi^2/\text{NDF}: 51.9/22$

All: 6.430 ± 16.496 $\chi^2/\text{NDF}: 78.9/43$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2/NDF : 464772.9/16

Left Out: 75.784 $\pm$ 0.029 χ^2/NDF :33809.6/4

Right Out: 71.655 $\pm$ 0.020 χ^2/NDF : 404376.9/17

Left In: 77.090 $\pm$ 0.030 χ^2/NDF :694.7/3

Left: 76.410 $\pm$ 0.021 χ^2/NDF : 35490.0/8

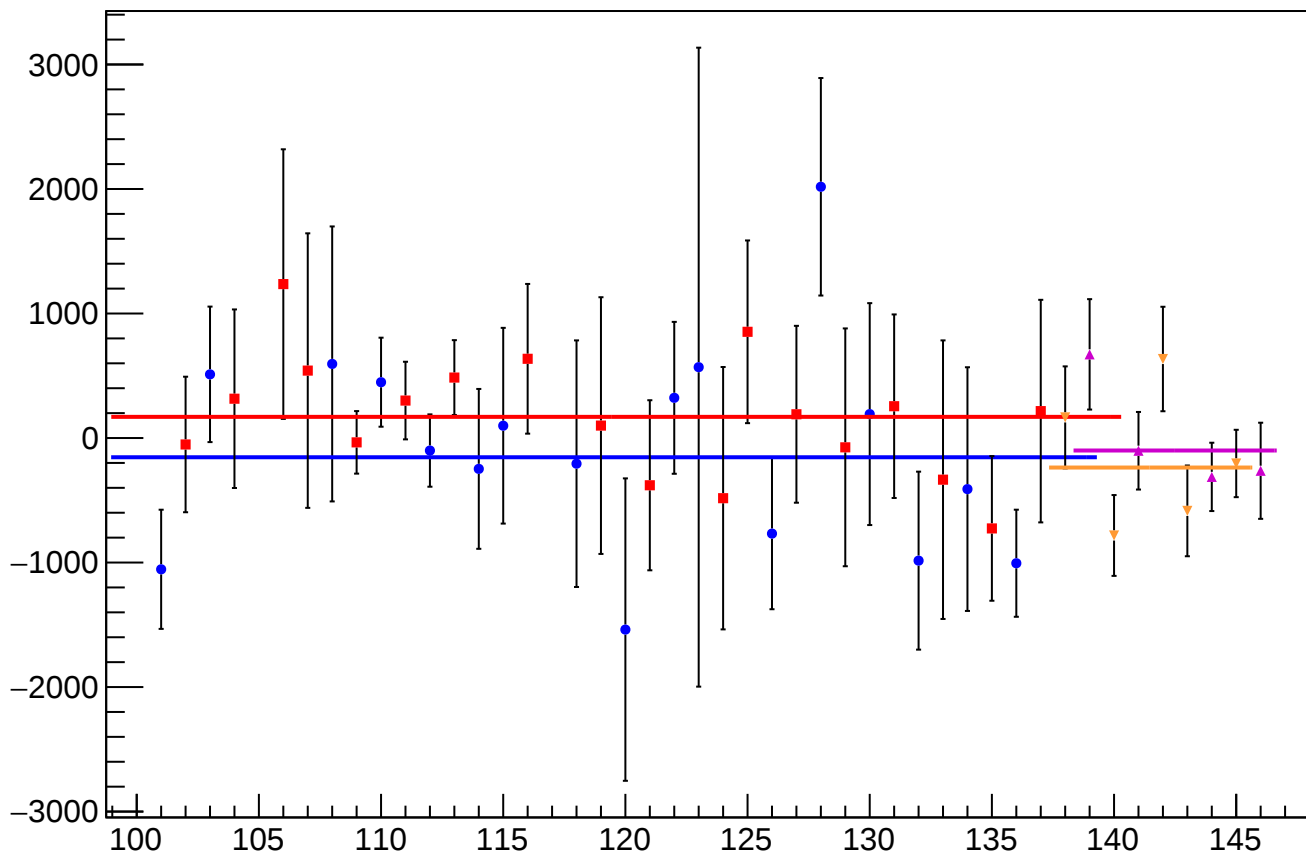
Right: 72.203 $\pm$ 0.014 χ^2/NDF : 870767.9/34

In: 74.138 $\pm$ 0.017 χ^2/NDF :479554.3/20

Out: 72.962 $\pm$ 0.016 χ^2/NDF :452244.3/22

All: 73.529 $\pm$ 0.012 χ^2/NDF : 934335.8/43

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -236.995 $\pm$ 153.711 χ^2 /NDF:9.0/4

Right Out: 170.028 $\pm$ 126.220 χ^2 /NDF: 8.4/17

Left In: -100.215 $\pm$ 168.122 χ^2 /NDF:3.8/3

Left: -174.717 $\pm$ 113.443 χ^2 /NDF: 13.2/8

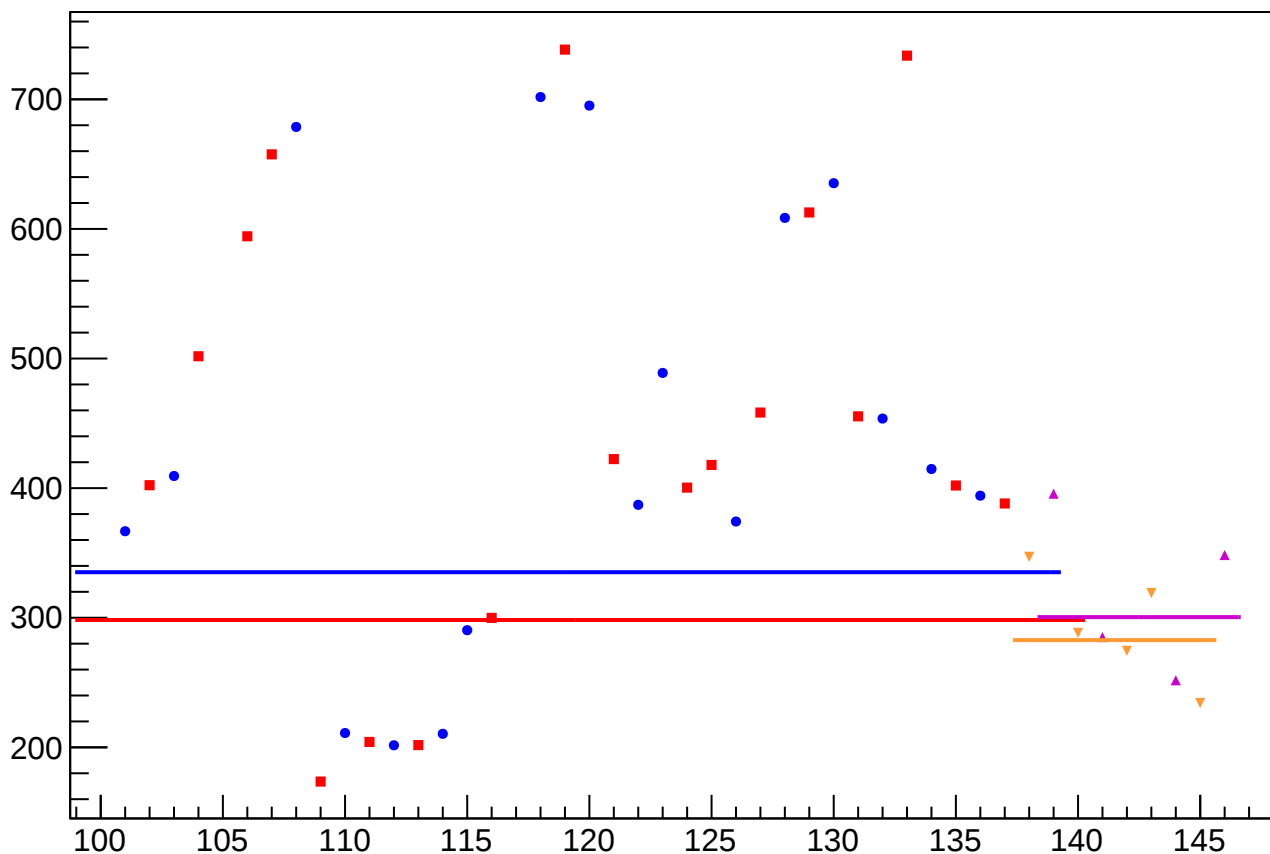
Right: 25.360 $\pm$ 93.955 χ^2 /NDF: 34.5/34

In: -132.083 $\pm$ 107.900 χ^2 /NDF:27.0/20

Out: 6.106 $\pm$ 97.547 χ^2 /NDF:21.6/22

All: -56.043 $\pm$ 72.360 χ^2 /NDF: 49.6/43

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 282.757+/-0.109 χ^2/NDF :134913.8/4

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 300.479+/-0.119 χ^2/NDF :191101.9/3

Left: 290.826+/-0.080 χ^2/NDF : 338120.8/8

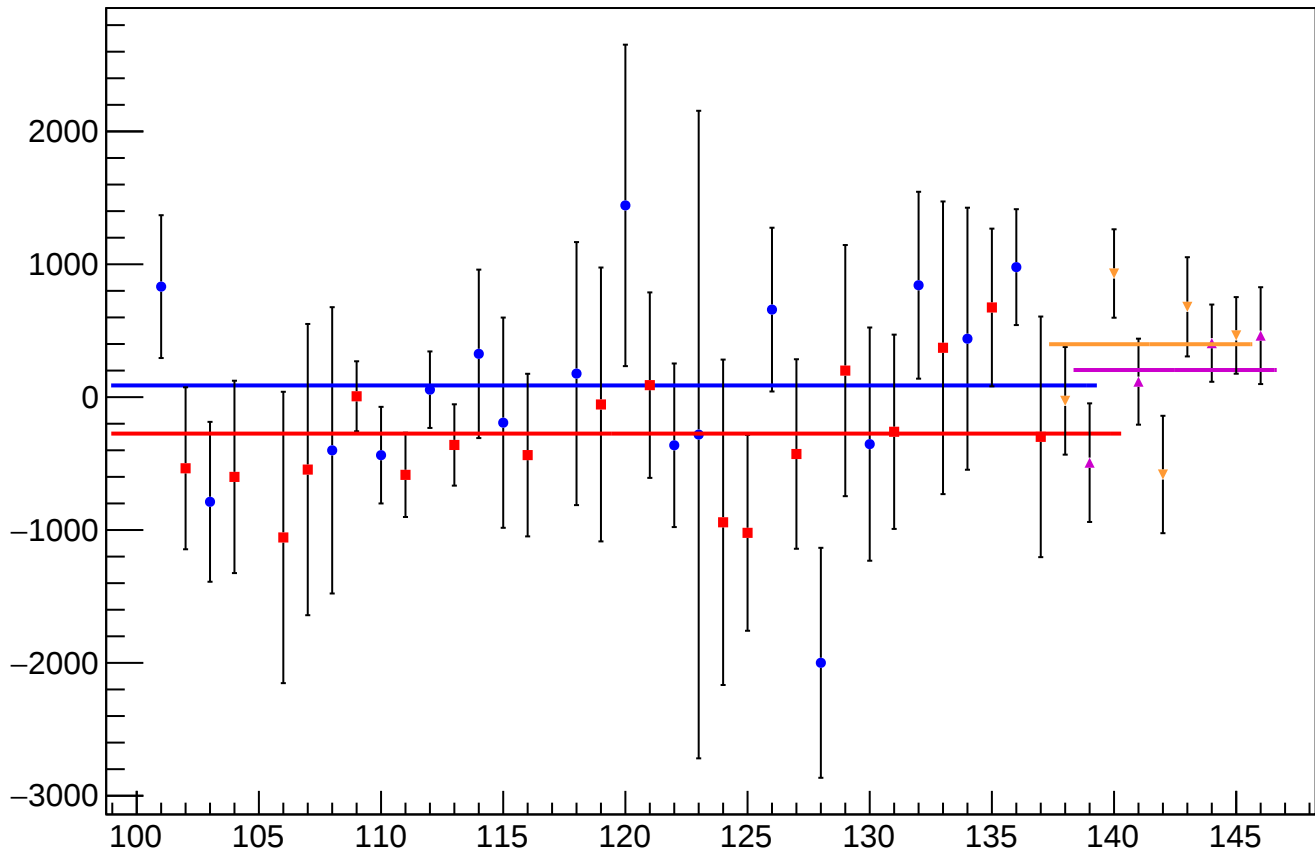
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 320.860+/-0.076 χ^2/NDF :2235123.1/20

Out: 292.012+/-0.069 χ^2/NDF :2923610.6/22

All: 304.986+/-0.051 χ^2/NDF : 5237397.1/43

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 398.388+/-159.211 χ^2/NDF :9.2/4

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 204.294+/-171.670 χ^2/NDF :3.5/3

Left: 308.639+/-116.735 χ^2/NDF : 13.4/8

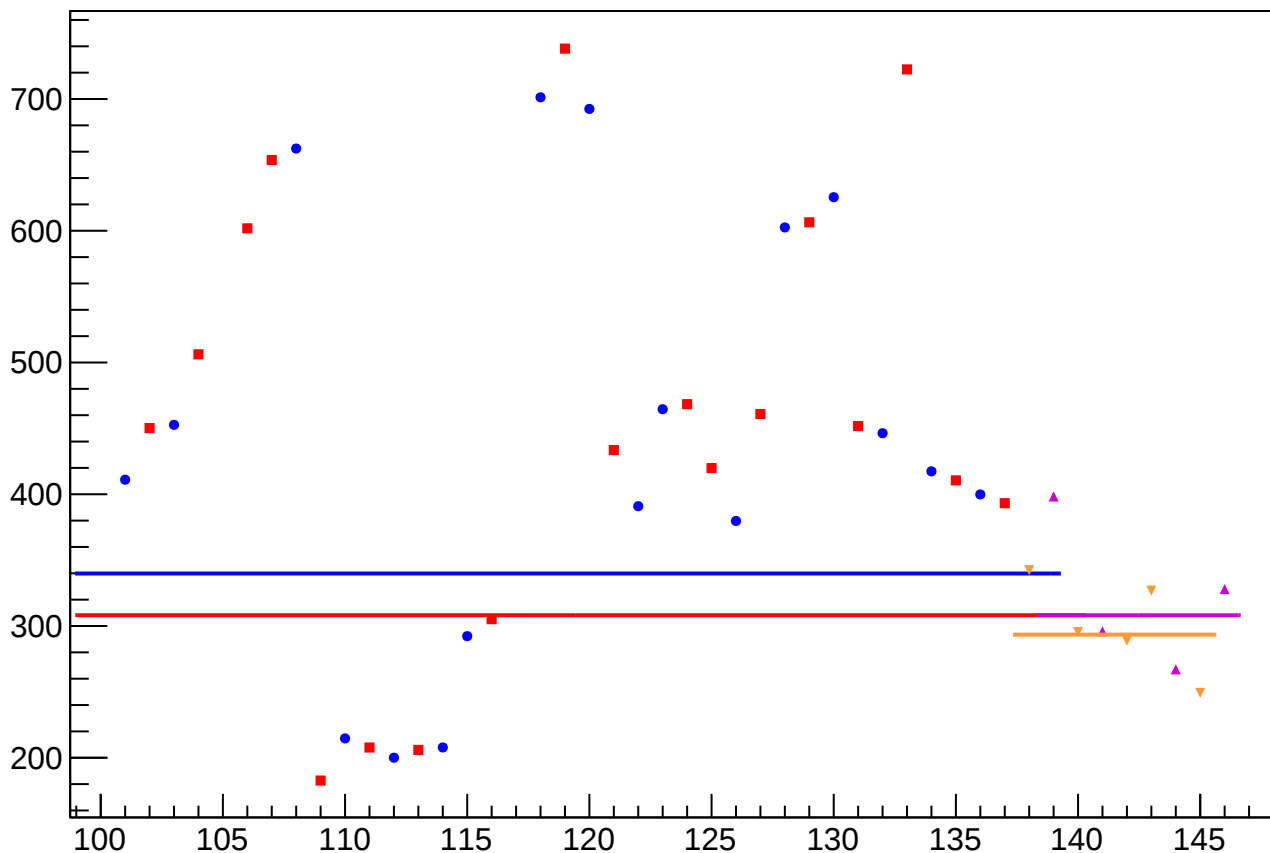
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 135.714+/-109.882 χ^2/NDF :24.6/20

Out: -5.568+/-100.634 χ^2/NDF :28.0/22

All: 58.878+/-74.213 χ^2/NDF : 53.4/43

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 293.448 +/- 0.113 χ^2/NDF : 92536.4/4

Right Out: 308.199 +/- 0.092 χ^2/NDF : 2698828.8/17

Left In: 308.143 +/- 0.121 χ^2/NDF : 130345.2/3

Left: 300.243 +/- 0.083 χ^2/NDF : 230760.8/8

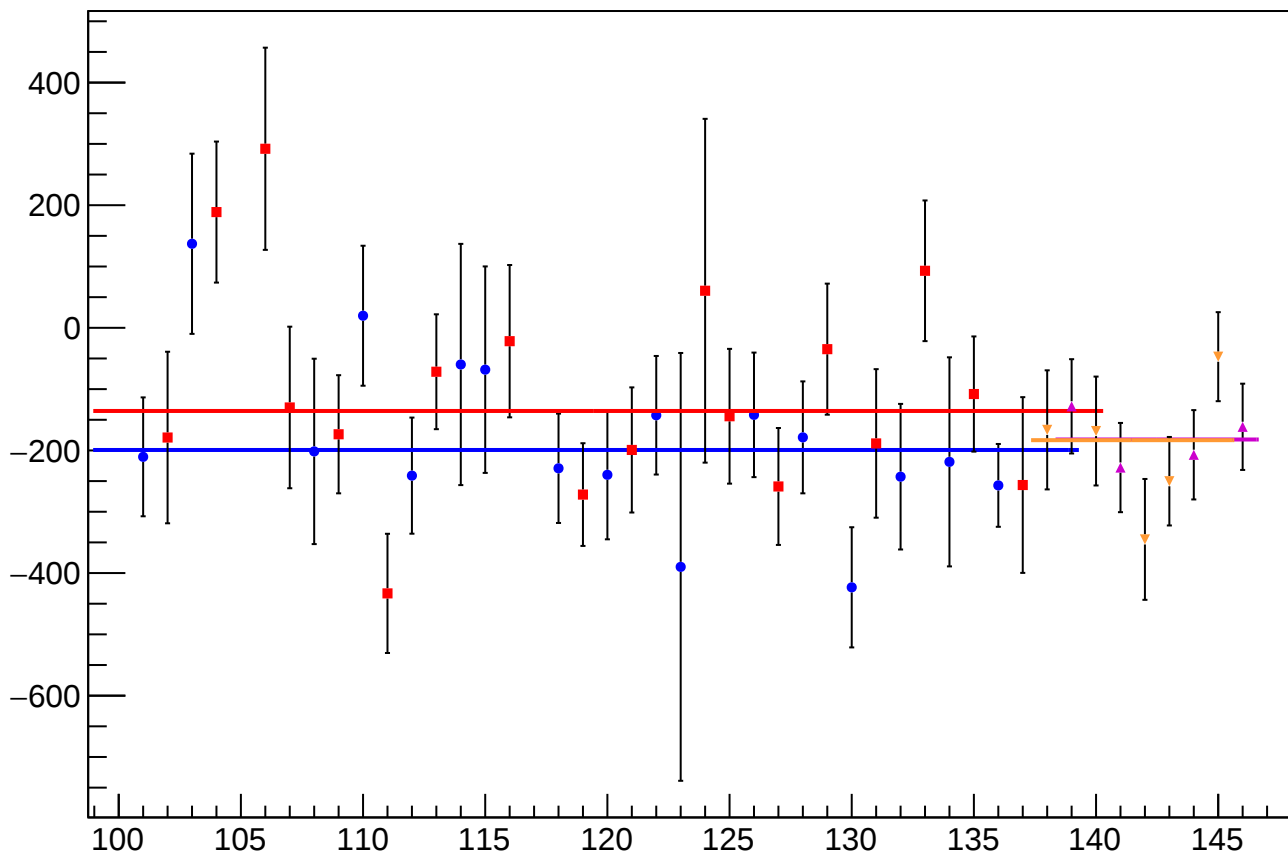
Right: 322.502 +/- 0.068 χ^2/NDF : 4796037.7/34

In: 326.860 +/- 0.078 χ^2/NDF : 2214140.1/20

Out: 302.305 +/- 0.071 χ^2/NDF : 2801674.8/22

All: 313.506 +/- 0.052 χ^2/NDF : 5070128.0/43

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -183.250 ± 37.335 $\chi^2/\text{NDF}: 7.1/4$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -182.161 ± 36.555 $\chi^2/\text{NDF}: 1.1/3$

Left: -182.694 ± 26.120 $\chi^2/\text{NDF}: 8.2/8$

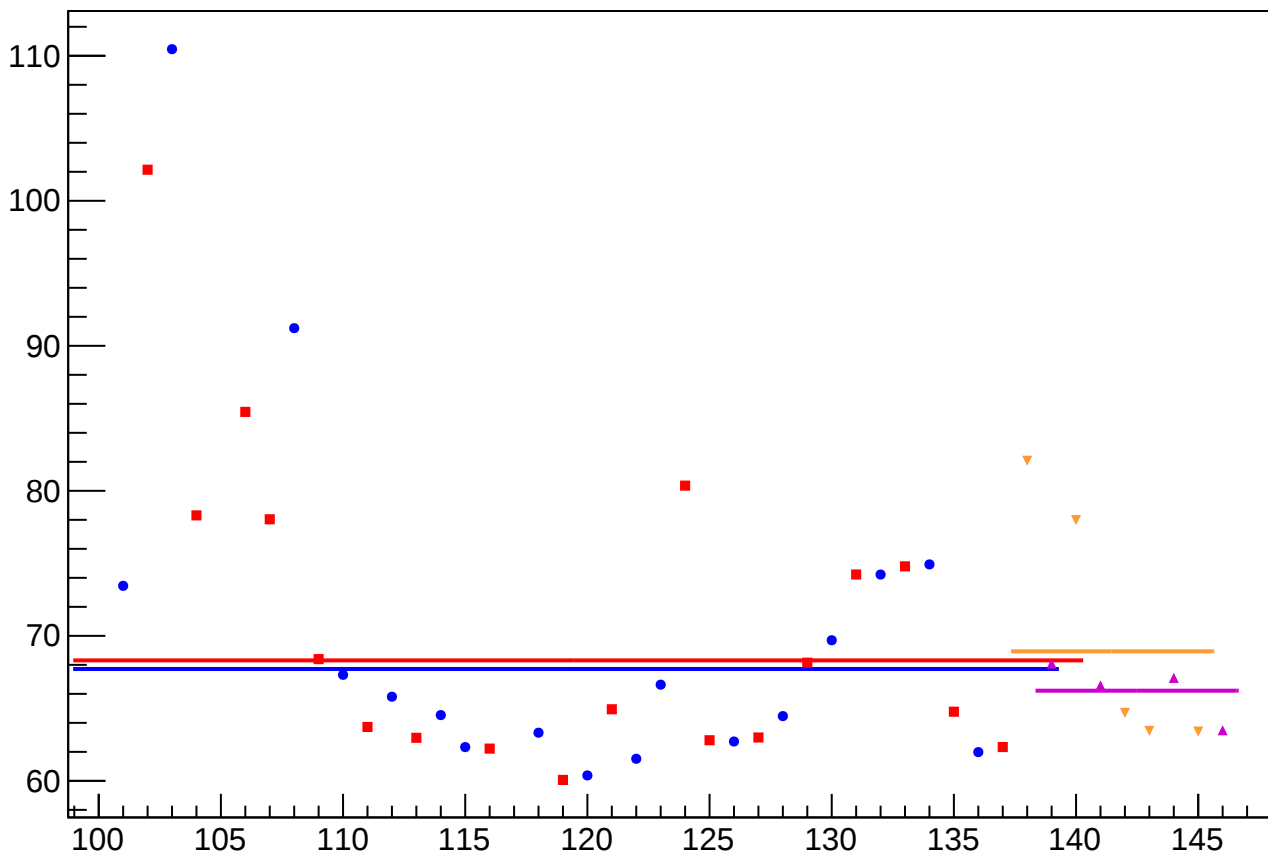
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -193.360 ± 21.463 $\chi^2/\text{NDF}: 18.8/20$

Out: -151.381 ± 21.475 $\chi^2/\text{NDF}: 44.9/22$

All: -172.381 ± 15.181 $\chi^2/\text{NDF}: 65.6/43$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715+/-0.019 χ^2/NDF : 282892.5/16

Left Out: 68.933+/-0.026 χ^2/NDF :84263.0/4

Right Out: 68.308+/-0.019 χ^2/NDF : 234314.0/17

Left In: 66.218+/-0.026 χ^2/NDF :4533.3/3

Left: 67.547+/-0.018 χ^2/NDF : 94193.5/8

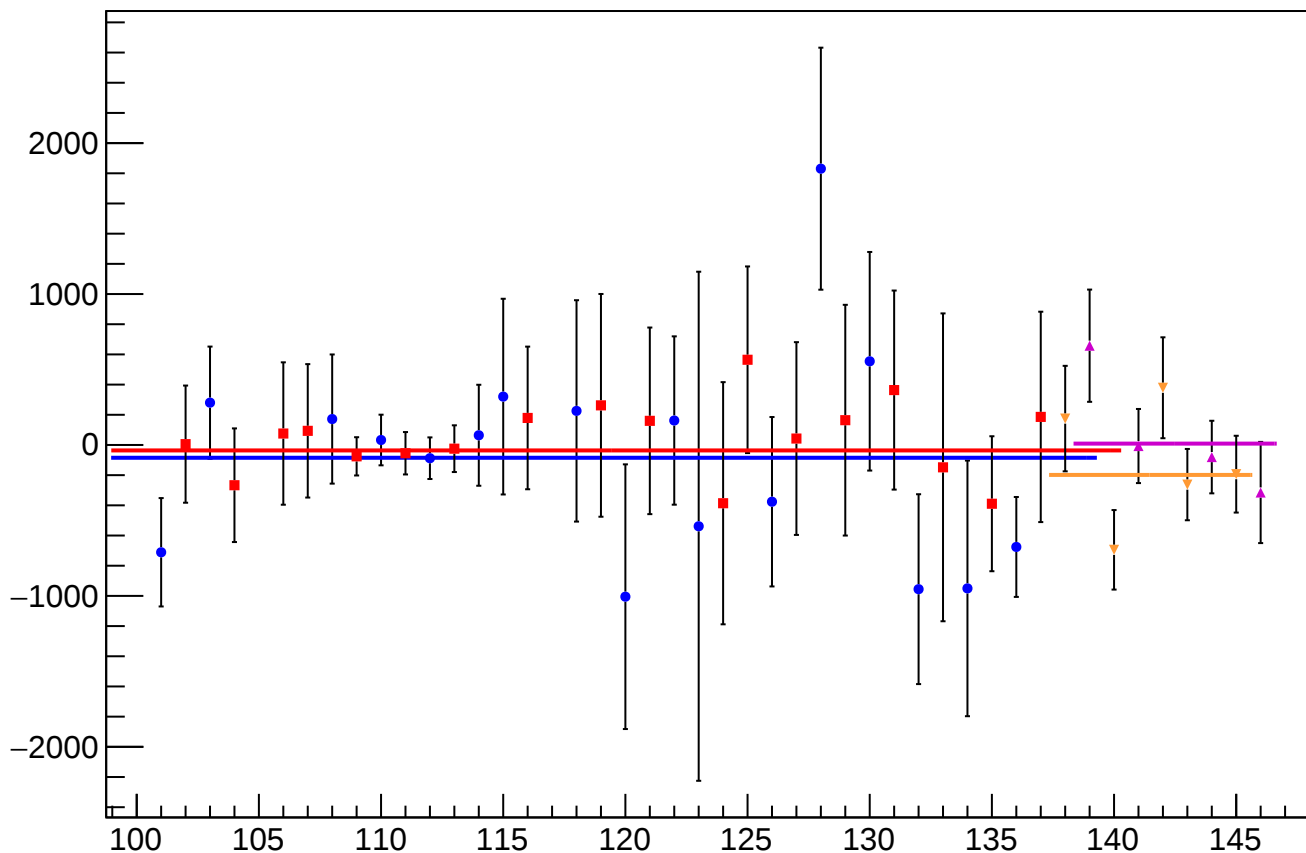
Right: 68.015+/-0.013 χ^2/NDF : 517711.7/34

In: 67.199+/-0.015 χ^2/NDF :289623.3/20

Out: 68.515+/-0.015 χ^2/NDF :318951.2/22

All: 67.857+/-0.011 χ^2/NDF : 612330.2/43

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -198.443 ± 124.117 $\chi^2/\text{NDF}: 7.7/4$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 9.028 ± 141.397 $\chi^2/\text{NDF}: 4.1/3$

Left: -108.153 ± 93.279 $\chi^2/\text{NDF}: 13.1/8$

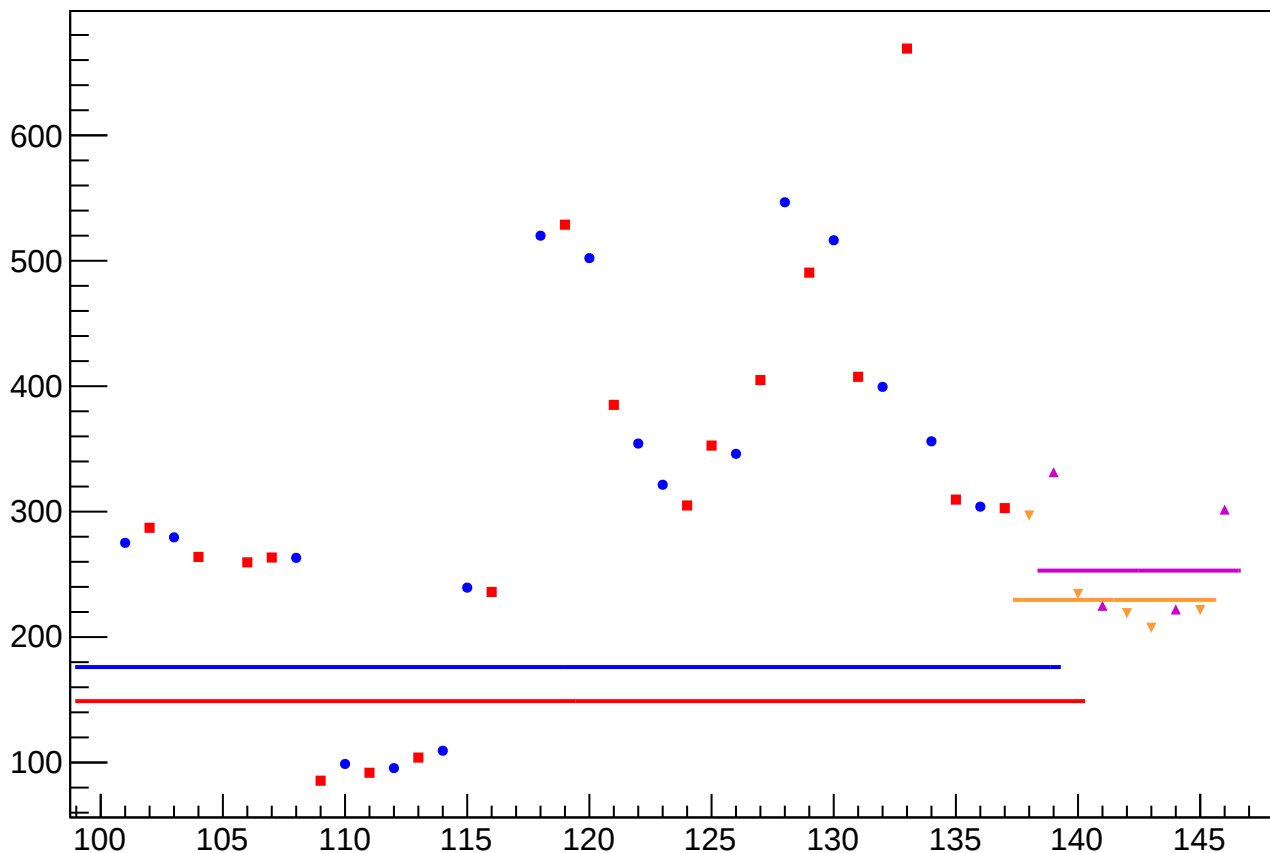
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -60.868 ± 71.366 $\chi^2/\text{NDF}: 24.3/20$

Out: -75.089 ± 60.806 $\chi^2/\text{NDF}: 12.5/22$

All: -69.107 ± 46.284 $\chi^2/\text{NDF}: 36.9/43$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 229.650 $\pm$ 0.088 χ^2/NDF : 96457.2/4

Right Out: 148.932 $\pm$ 0.049 χ^2/NDF : 4770916.6/17

Left In: 252.988 $\pm$ 0.100 χ^2/NDF : 190455.2/3

Left: 239.807 $\pm$ 0.066 χ^2/NDF : 317685.1/8

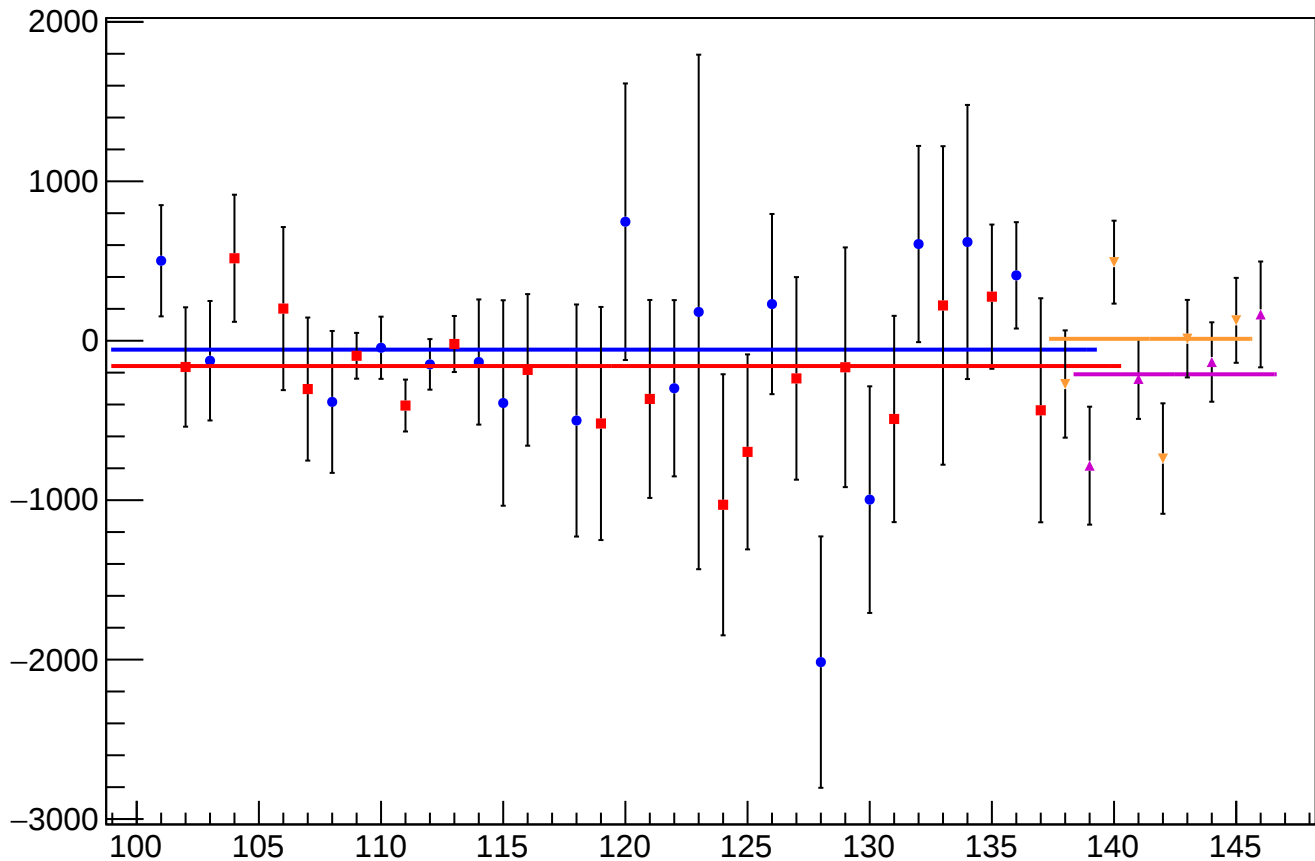
Right: 160.228 $\pm$ 0.038 χ^2/NDF : 9120718.3/34

In: 195.684 $\pm$ 0.050 χ^2/NDF : 4854877.8/20

Out: 168.305 $\pm$ 0.043 χ^2/NDF : 5510234.3/22

All: 179.821 $\pm$ 0.033 χ^2/NDF : 10535657.5/43

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 11.995+/-126.038 χ^2/NDF : 9.0/4

Right Out: -158.676+/-77.072 χ^2/NDF : 10.4/17

Left In: -210.343+/-143.768 χ^2/NDF : 3.8/3

Left: -84.626+/-94.775 χ^2/NDF : 14.2/8

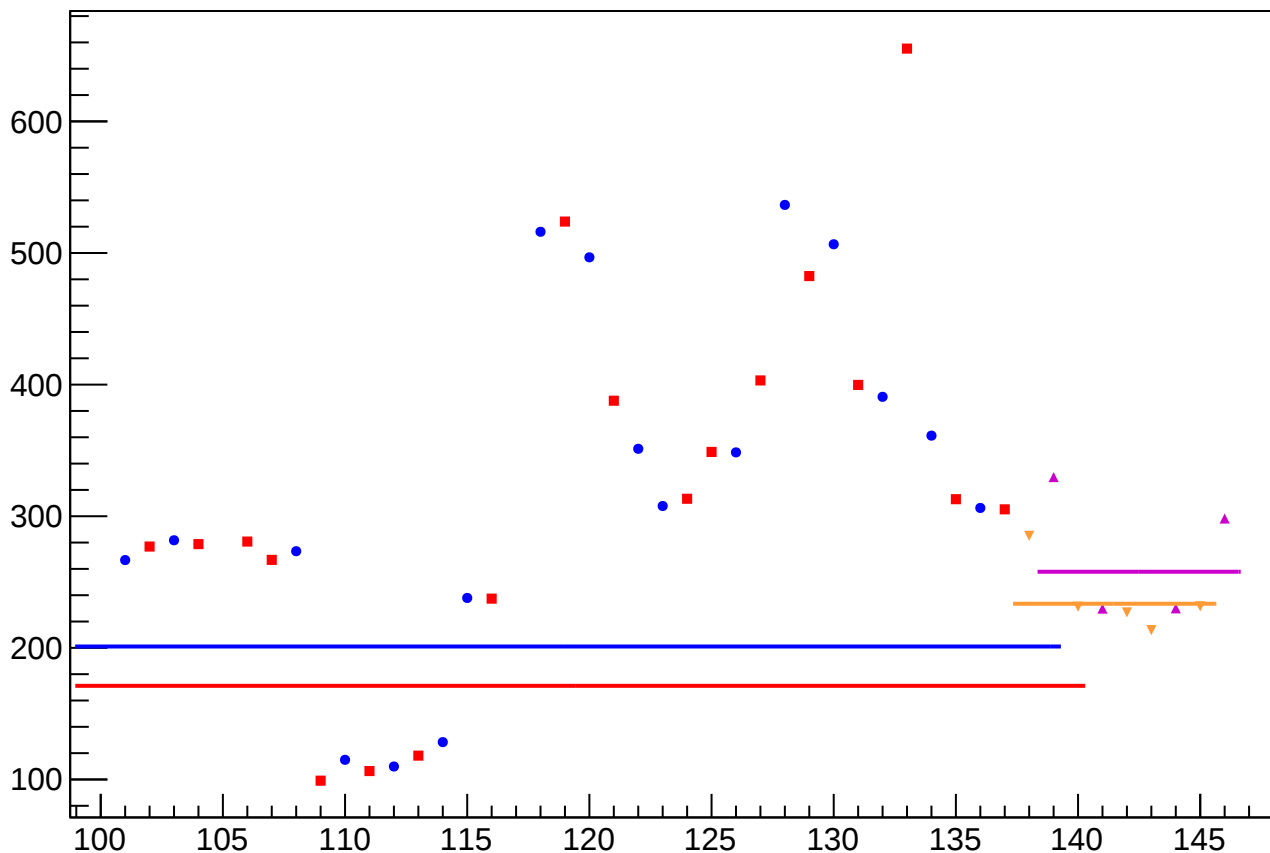
Right: -115.437+/-58.697 χ^2/NDF : 28.3/34

In: -99.654+/-76.633 χ^2/NDF : 21.8/20

Out: -112.226+/-65.753 χ^2/NDF : 20.7/22

All: -106.895+/-49.902 χ^2/NDF : 42.5/43

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 233.521 $\pm$ 0.089 χ^2/NDF : 61664.0/4

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 257.825 $\pm$ 0.102 χ^2/NDF : 155083.3/3

Left: 244.083 $\pm$ 0.067 χ^2/NDF : 249063.9/8

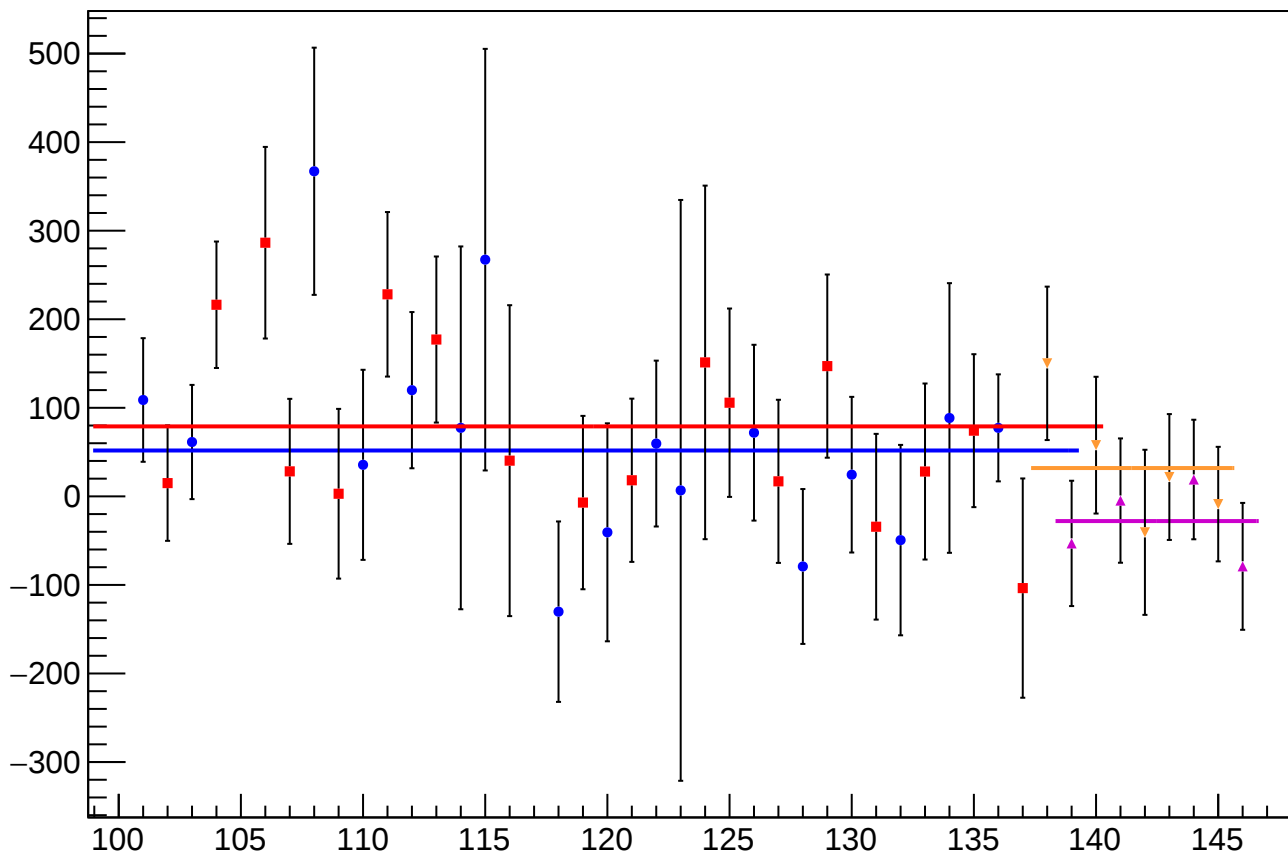
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 217.171 $\pm$ 0.054 χ^2/NDF : 3811500.1/20

Out: 188.132 $\pm$ 0.046 χ^2/NDF : 4483634.4/22

All: 200.445 $\pm$ 0.035 χ^2/NDF : 8460552.4/43

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: 31.976 $\pm$ 34.234 χ^2 /NDF:3.0/4

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: -27.899 $\pm$ 34.984 χ^2 /NDF:1.2/3

Left: 2.688 $\pm$ 24.468 χ^2 /NDF: 5.7/8

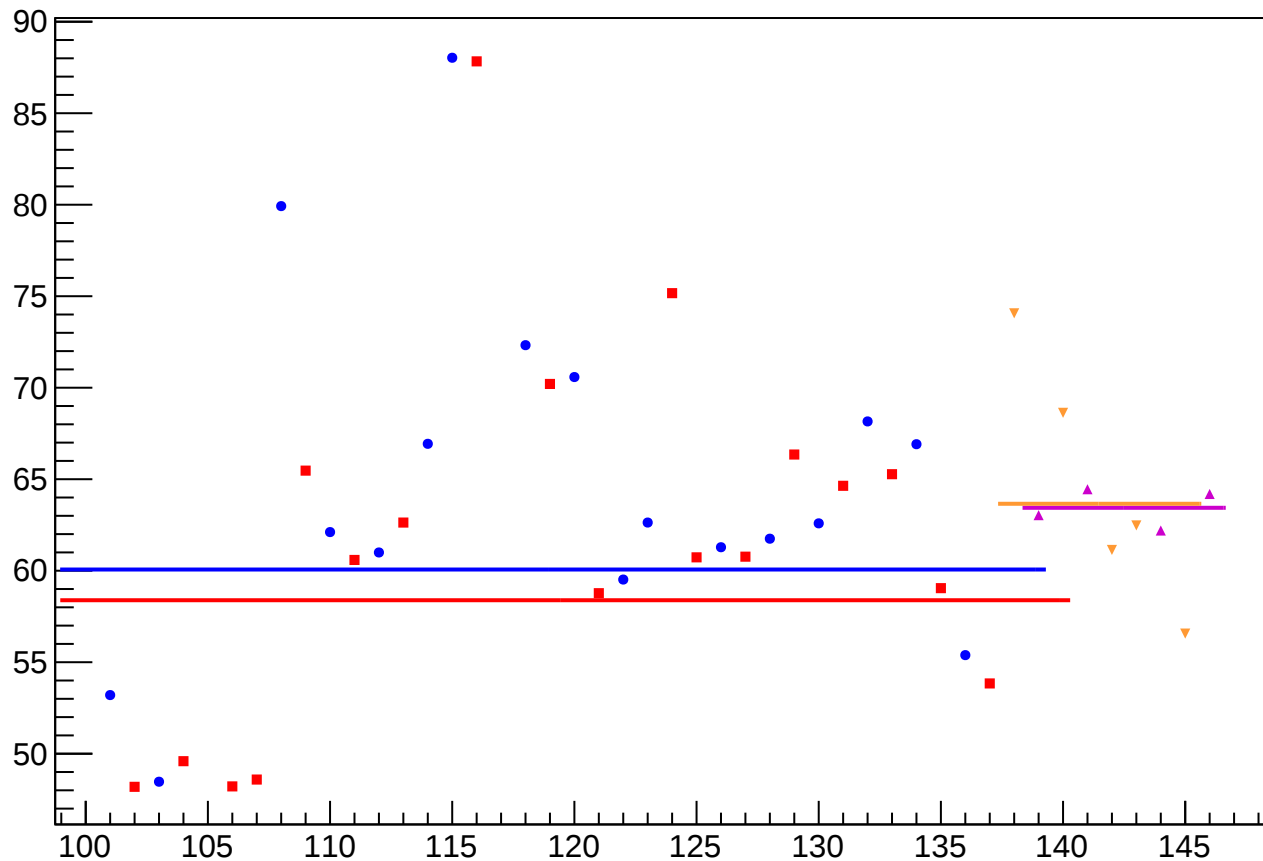
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 26.964 $\pm$ 19.529 χ^2 /NDF:19.3/20

Out: 64.821 $\pm$ 18.802 χ^2 /NDF:23.3/22

All: 46.611 $\pm$ 13.545 χ^2 /NDF: 44.6/43

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: 63.658 $\pm$ 0.024 χ^2/NDF : 63235.9/4

Right Out: 58.387 $\pm$ 0.016 χ^2/NDF : 275017.2/17

Left In: 63.438 $\pm$ 0.025 χ^2/NDF : 1381.8/3

Left: 63.551 $\pm$ 0.017 χ^2/NDF : 64657.9/8

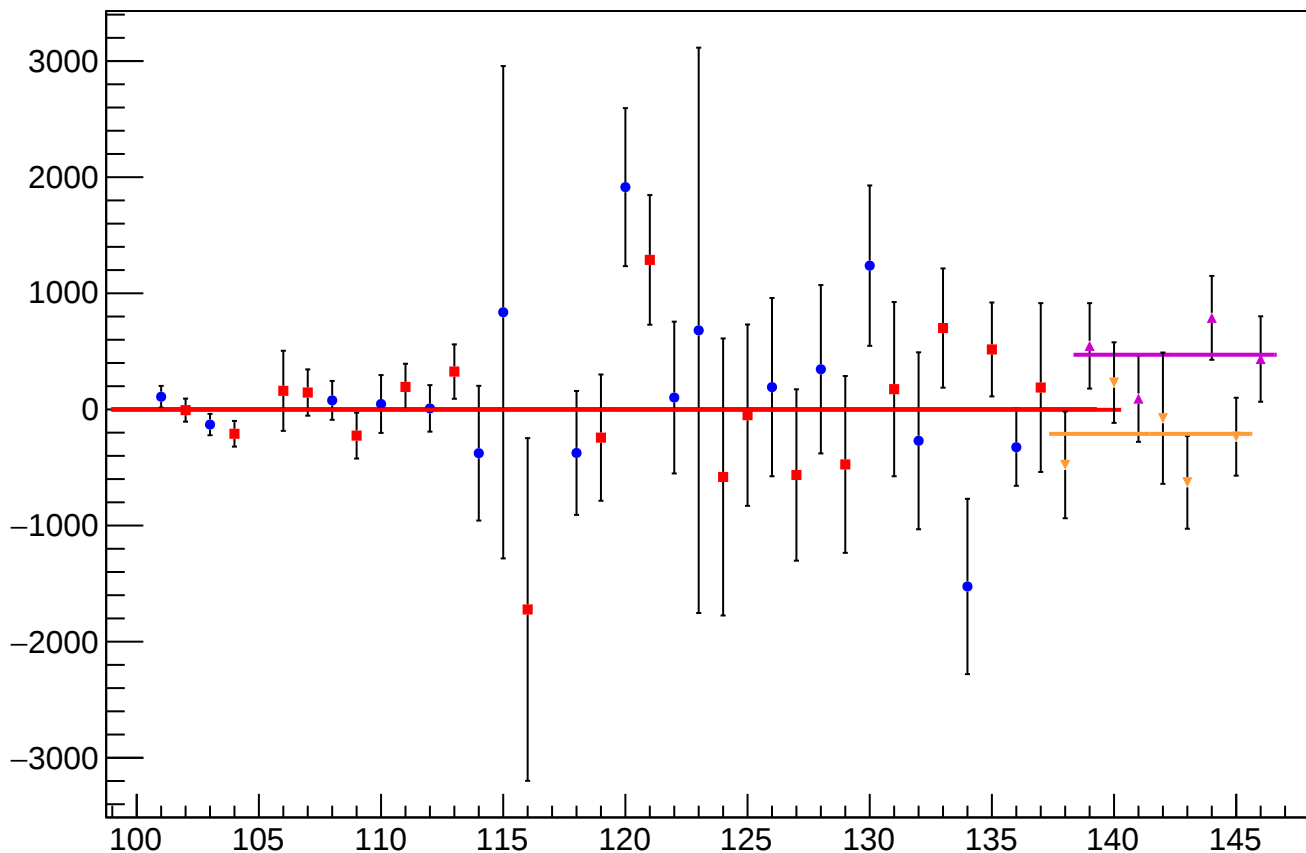
Right: 59.188 $\pm$ 0.012 χ^2/NDF : 509429.8/34

In: 61.116 $\pm$ 0.014 χ^2/NDF : 243279.3/20

Out: 59.977 $\pm$ 0.013 χ^2/NDF : 371363.7/22

All: 60.525 $\pm$ 0.010 χ^2/NDF : 618177.1/43

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -210.444+/-178.686 χ^2/NDF : 3.1/4

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 470.947+/-183.623 χ^2/NDF : 1.9/3

Left: 120.968+/-128.060 χ^2/NDF : 12.0/8

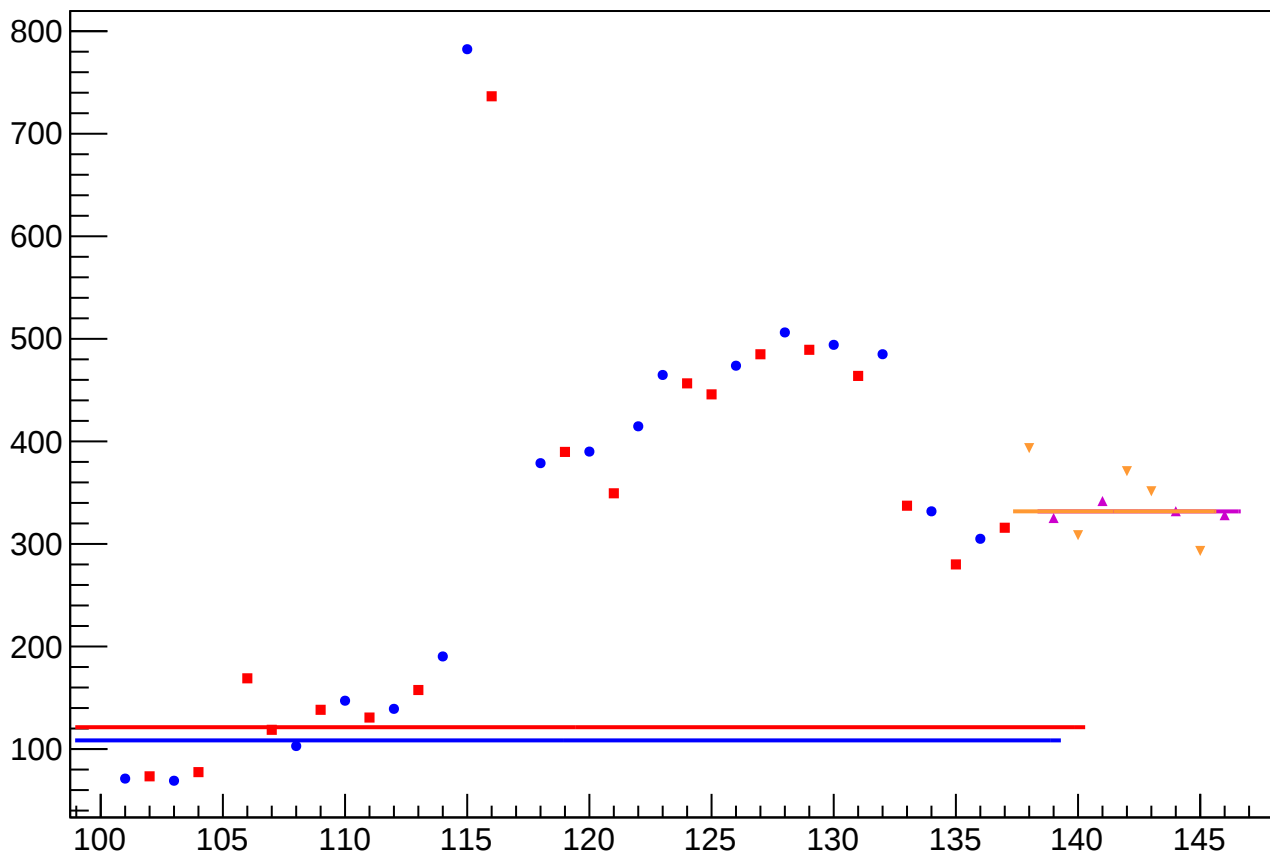
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 39.304+/-52.057 χ^2/NDF : 29.3/20

Out: -22.143+/-53.968 χ^2/NDF : 24.6/22

All: 9.688+/-37.467 χ^2/NDF : 54.5/43

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 331.790+/-0.126 χ^2/NDF : 85902.1/4

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 331.725+/-0.130 χ^2/NDF : 2293.3/3

Left: 331.758+/-0.091 χ^2/NDF : 88195.5/8

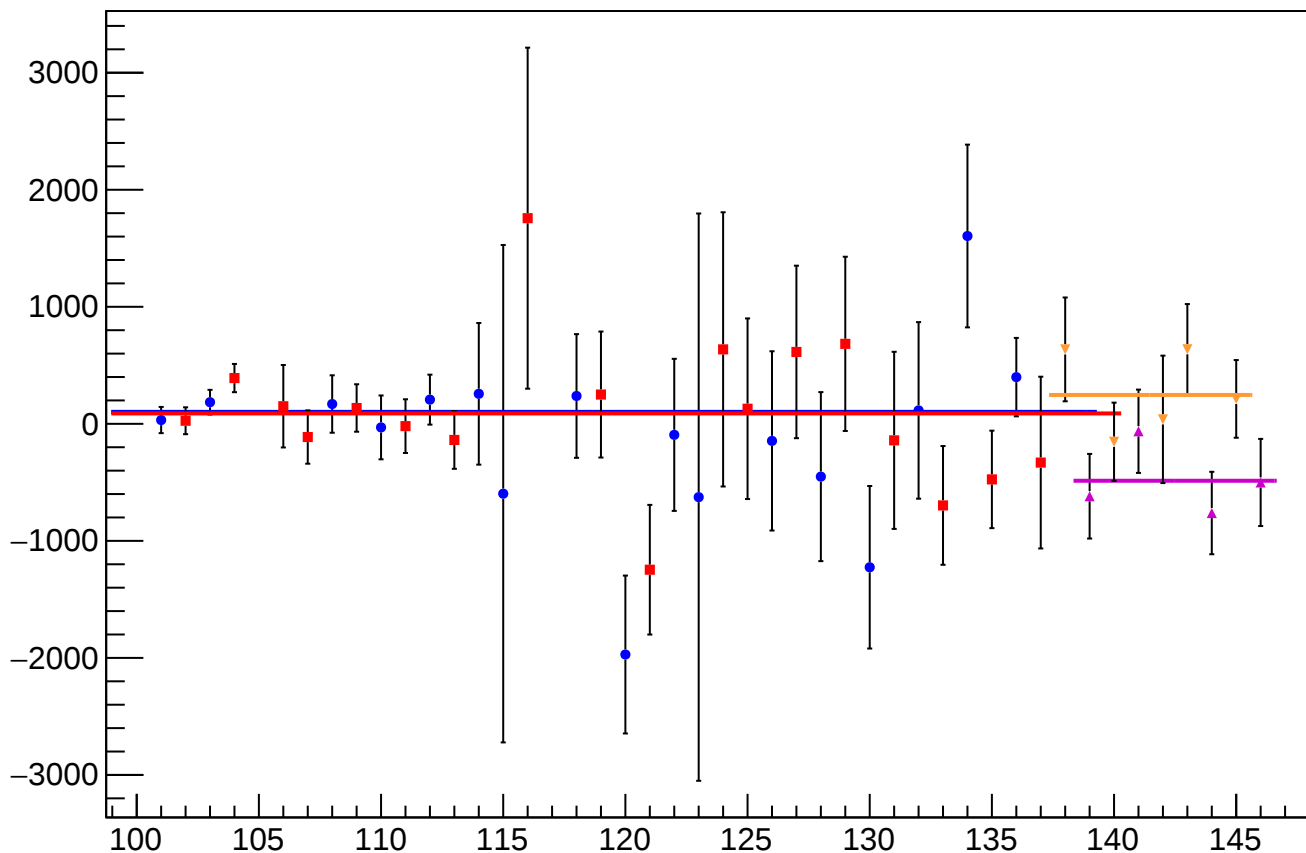
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 126.390+/-0.037 χ^2/NDF : 8125896.2/20

Out: 140.504+/-0.038 χ^2/NDF : 7339535.3/22

All: 133.193+/-0.026 χ^2/NDF : 15536285.3/43

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 246.812 $\pm$ 173.595 χ^2 /NDF:3.4/4

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -486.351 $\pm$ 180.121 χ^2 /NDF:2.2/3

Left: -106.247 $\pm$ 124.993 χ^2 /NDF: 14.1/8

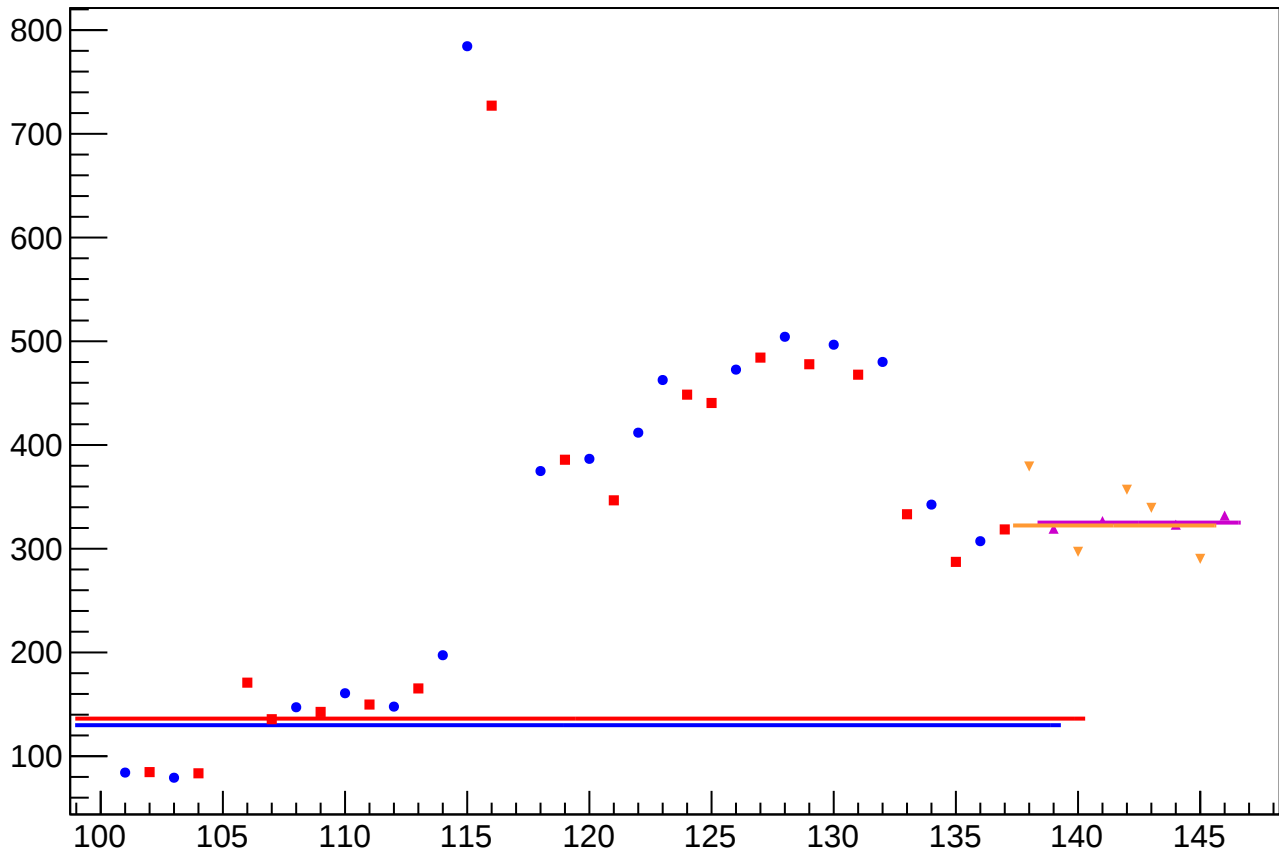
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 37.835 $\pm$ 59.575 χ^2 /NDF:31.9/20

Out: 106.830 $\pm$ 58.580 χ^2 /NDF:25.9/22

All: 72.913 $\pm$ 41.770 χ^2 /NDF: 58.5/43

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 322.424+/-0.123 χ^2/NDF : 75071.3/4

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 325.188+/-0.127 χ^2/NDF : 1299.8/3

Left: 323.755+/-0.088 χ^2/NDF : 76615.3/8

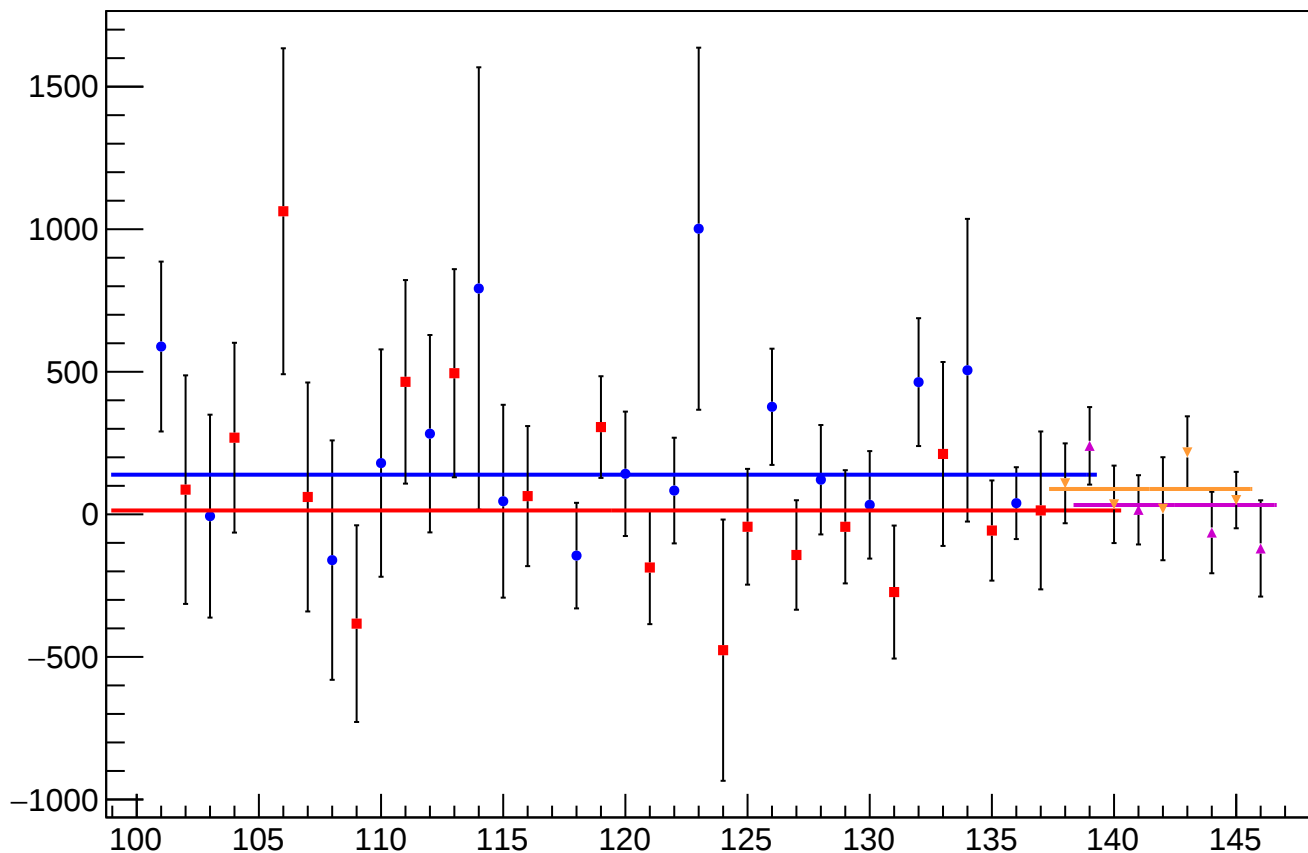
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 151.249+/-0.042 χ^2/NDF : 6924971.8/20

Out: 157.428+/-0.041 χ^2/NDF : 6396819.1/22

All: 154.391+/-0.030 χ^2/NDF : 13332730.6/43

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: 88.992 $\pm$ 57.707 χ^2 /NDF:1.5/4

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 32.767 $\pm$ 69.678 χ^2 /NDF:3.6/3

Left: 66.117 $\pm$ 44.444 χ^2 /NDF: 5.5/8

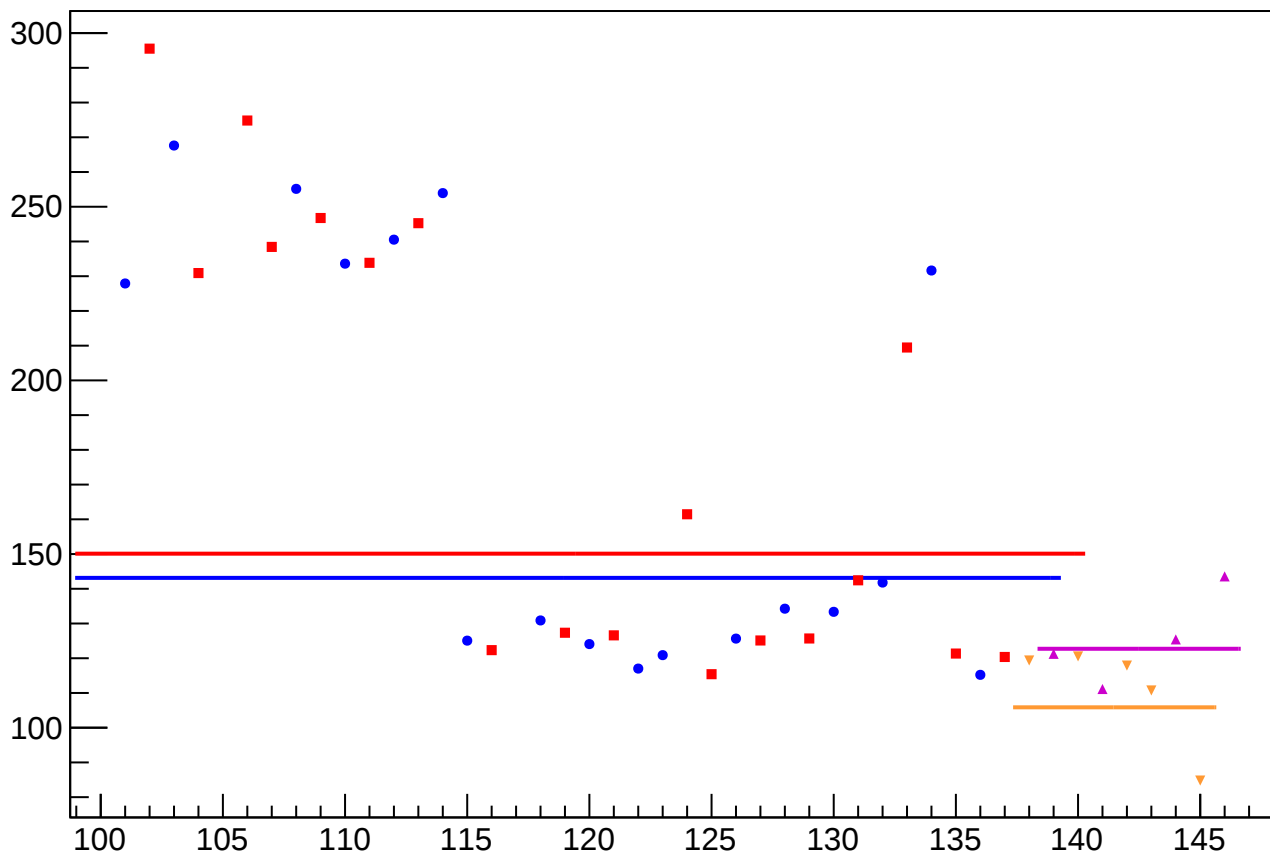
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 95.590 $\pm$ 44.569 χ^2 /NDF:18.1/20

Out: 52.861 $\pm$ 41.634 χ^2 /NDF:18.7/22

All: 72.773 $\pm$ 30.425 χ^2 /NDF: 37.3/43

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: 105.866 $\pm$ 0.041 χ^2/NDF :144433.6/4

Right Out: 150.109 $\pm$ 0.043 χ^2/NDF : 1332775.0/17

Left In: 122.724 $\pm$ 0.049 χ^2/NDF :49613.2/3

Left: 112.725 $\pm$ 0.031 χ^2/NDF : 263488.5/8

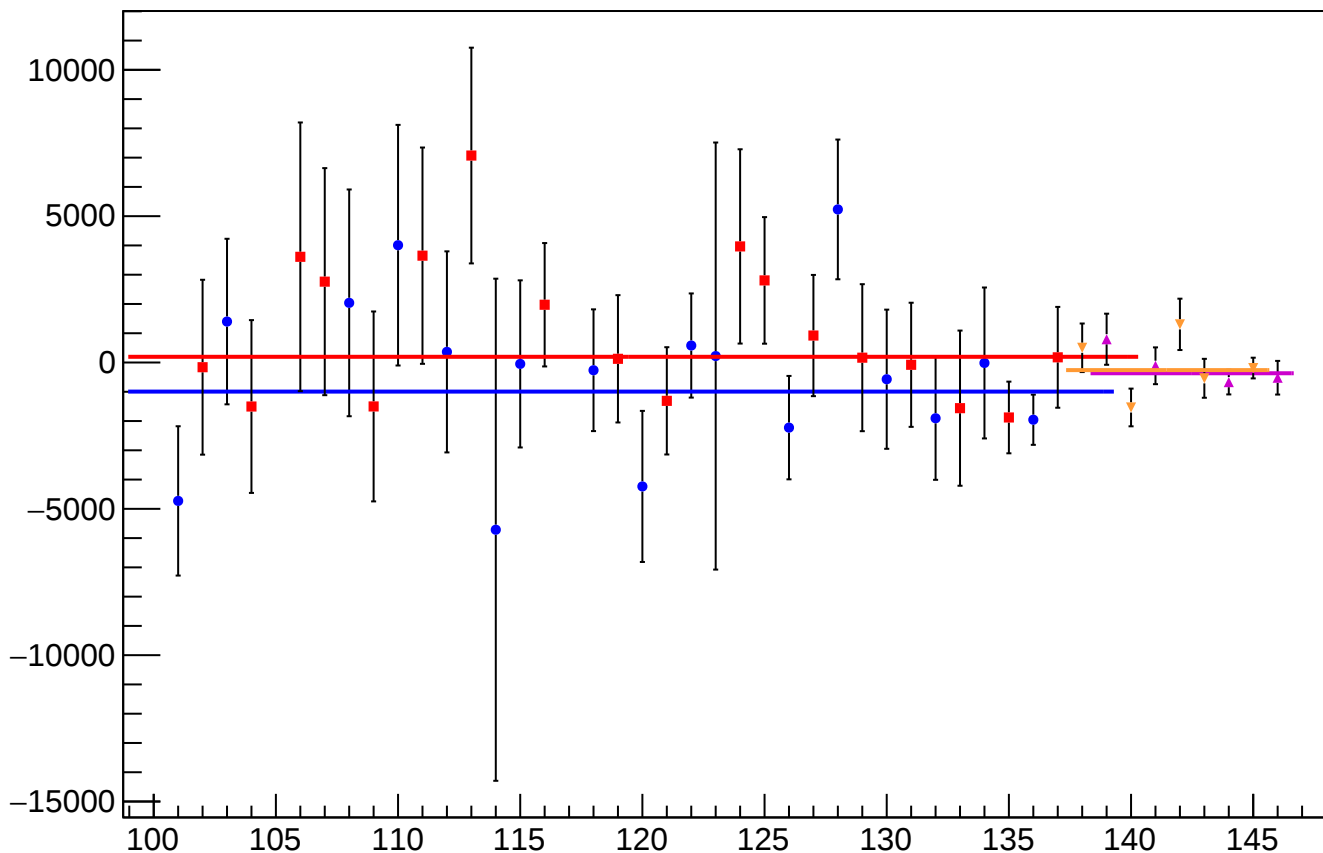
Right: 146.498 $\pm$ 0.030 χ^2/NDF : 2447968.1/34

In: 134.787 $\pm$ 0.032 χ^2/NDF :1252328.2/20

Out: 127.079 $\pm$ 0.029 χ^2/NDF :2040872.2/22

All: 130.671 $\pm$ 0.022 χ^2/NDF : 3325139.3/43

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -260.118+/-254.621 χ^2/NDF : 8.2/4

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -367.286+/-282.675 χ^2/NDF : 2.5/3

Left: -308.122+/-189.187 χ^2/NDF : 10.8/8

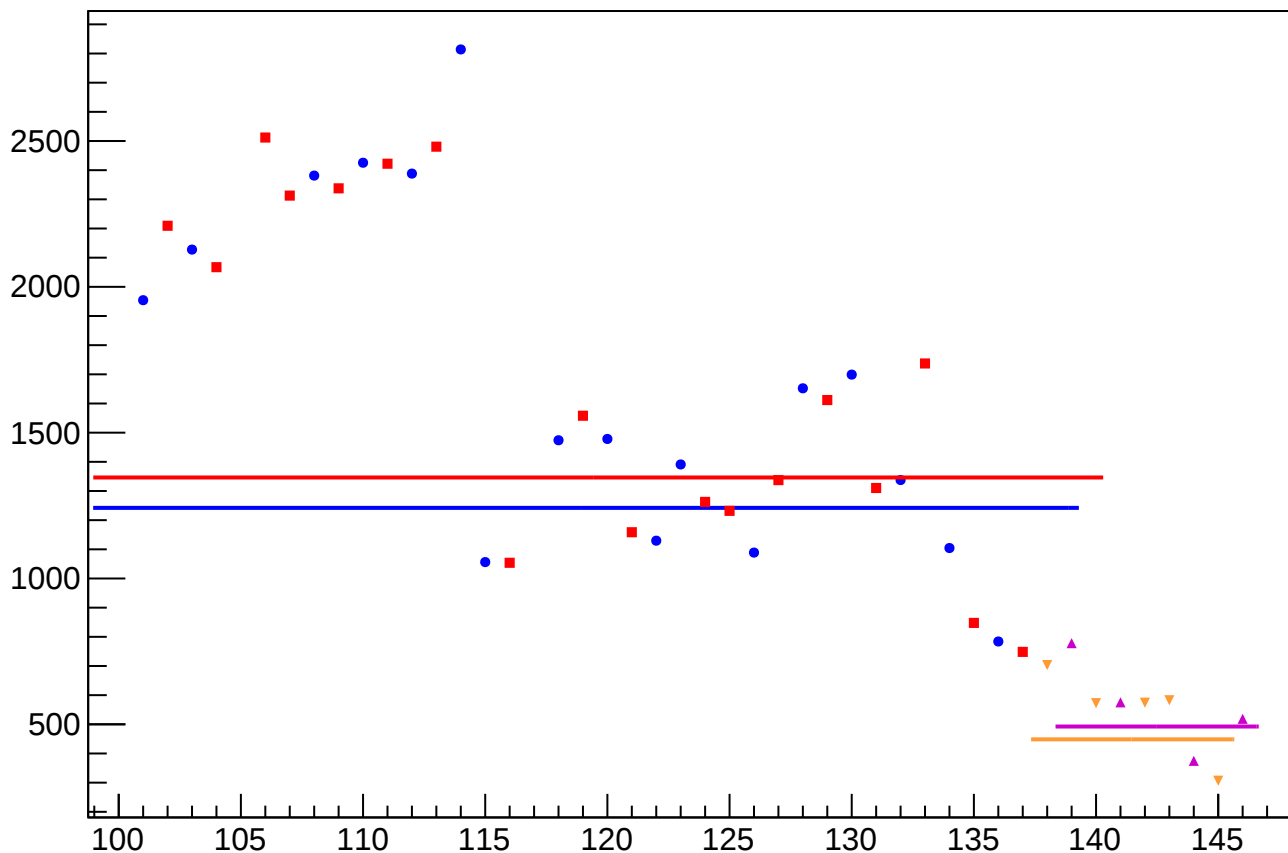
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -511.702+/-247.963 χ^2/NDF : 20.6/20

Out: -178.278+/-230.597 χ^2/NDF : 22.3/22

All: -332.907+/-168.863 χ^2/NDF : 43.8/43

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 ± 0.365 $\chi^2/\text{NDF}: 1767422.8/16$

Left Out: 448.508 ± 0.180 $\chi^2/\text{NDF}: 707308.3/4$

Right Out: 1346.340 ± 0.385 $\chi^2/\text{NDF}: 1809161.2/17$

Left In: 492.464 ± 0.200 $\chi^2/\text{NDF}: 409790.5/3$

Left: 468.197 ± 0.134 $\chi^2/\text{NDF}: 1143797.6/8$

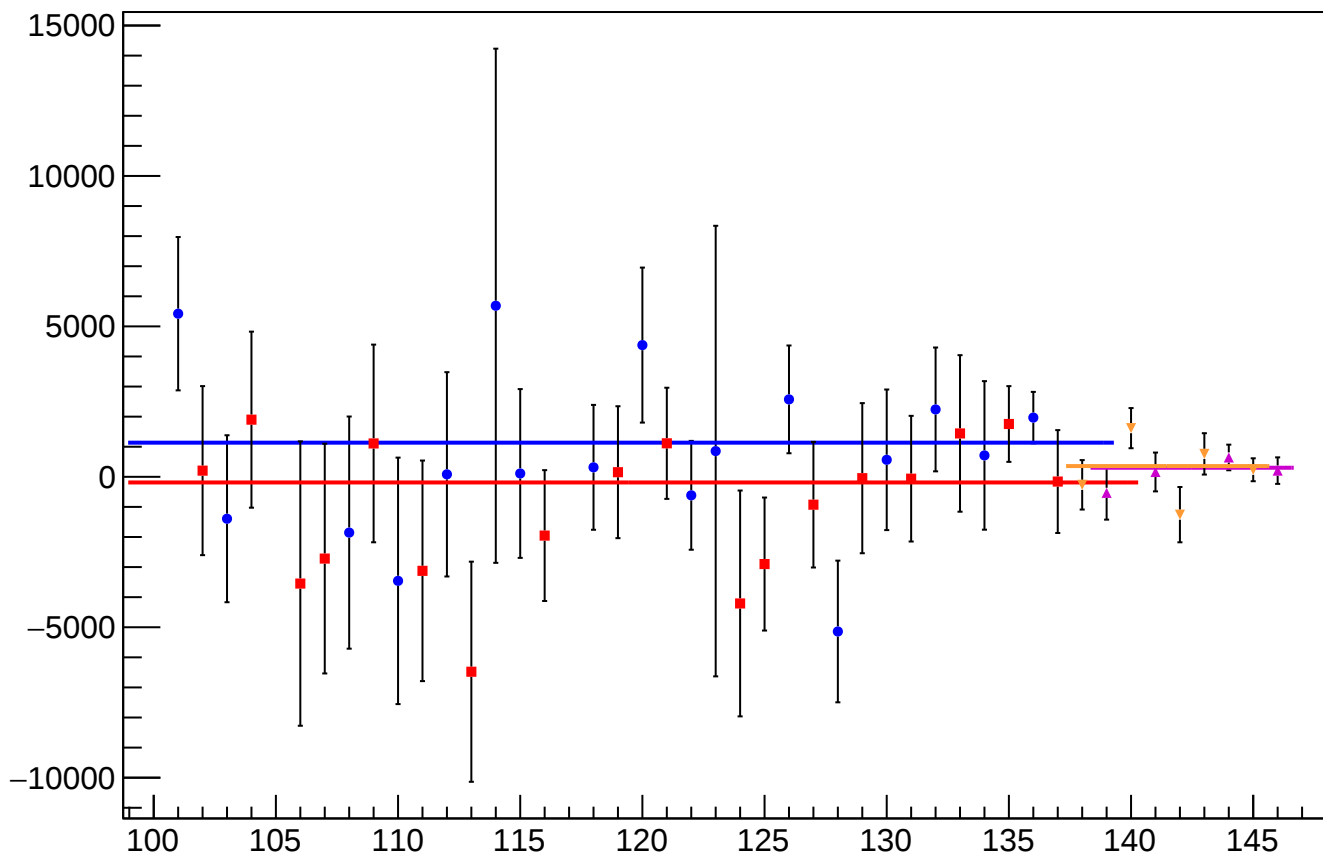
Right: 1291.570 ± 0.265 $\chi^2/\text{NDF}: 3615166.4/34$

In: 665.282 ± 0.175 $\chi^2/\text{NDF}: 5420136.9/20$

Out: 609.940 ± 0.163 $\chi^2/\text{NDF}: 6987690.8/22$

All: 635.605 ± 0.119 $\chi^2/\text{NDF}: 12461250.4/43$

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 357.533 $\pm$ 267.984 χ^2 /NDF: 7.7/4

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 301.818 $\pm$ 264.158 χ^2 /NDF: 1.6/3

Left: 329.275 $\pm$ 188.126 χ^2 /NDF: 9.3/8

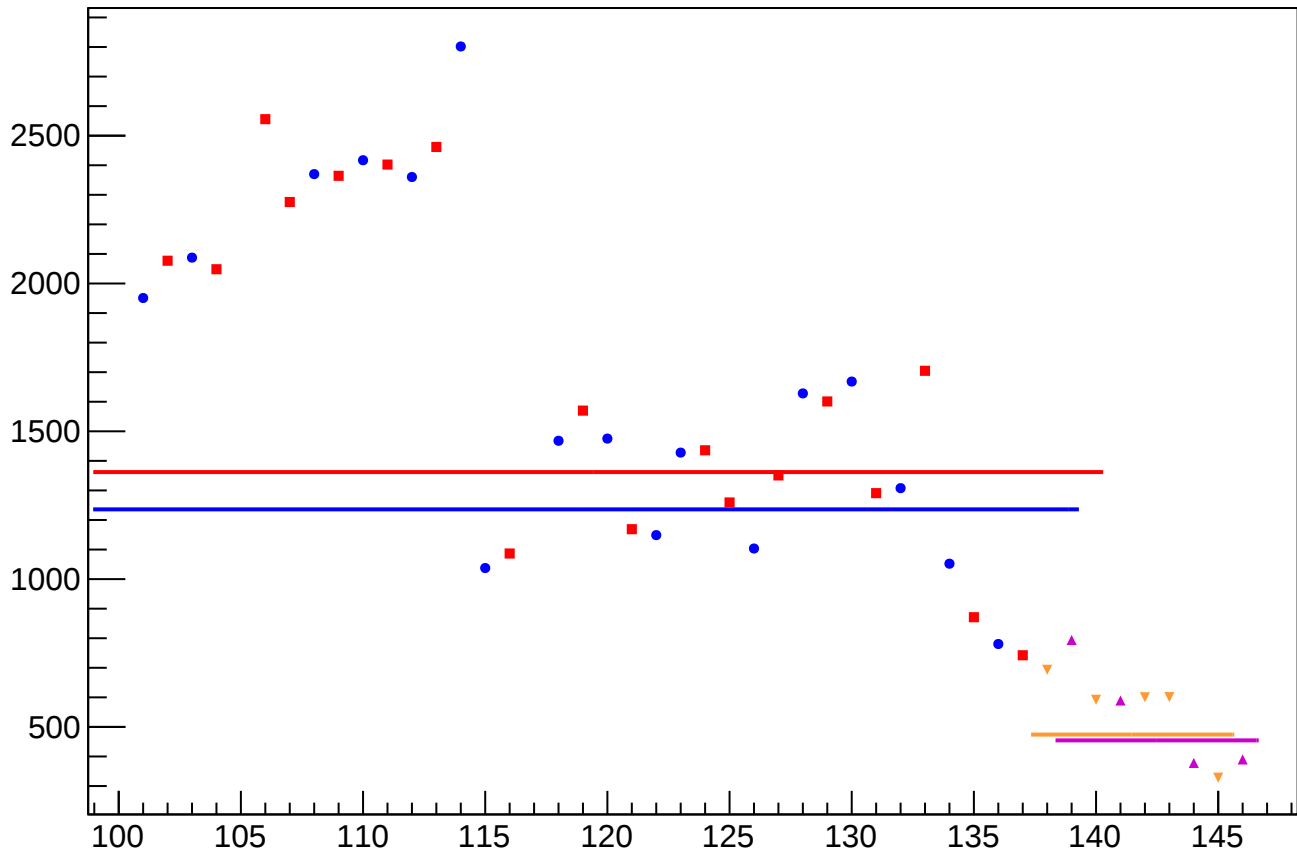
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 476.069 $\pm$ 234.925 χ^2 /NDF: 21.5/20

Out: 252.404 $\pm$ 240.756 χ^2 /NDF: 20.5/22

All: 366.978 $\pm$ 168.141 χ^2 /NDF: 42.4/43

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 474.084 $\pm$ 0.189 χ^2 /NDF: 603768.4/4

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 454.462 $\pm$ 0.187 χ^2 /NDF: 485401.1/3

Left: 464.131 $\pm$ 0.133 χ^2 /NDF: 1094607.9/8

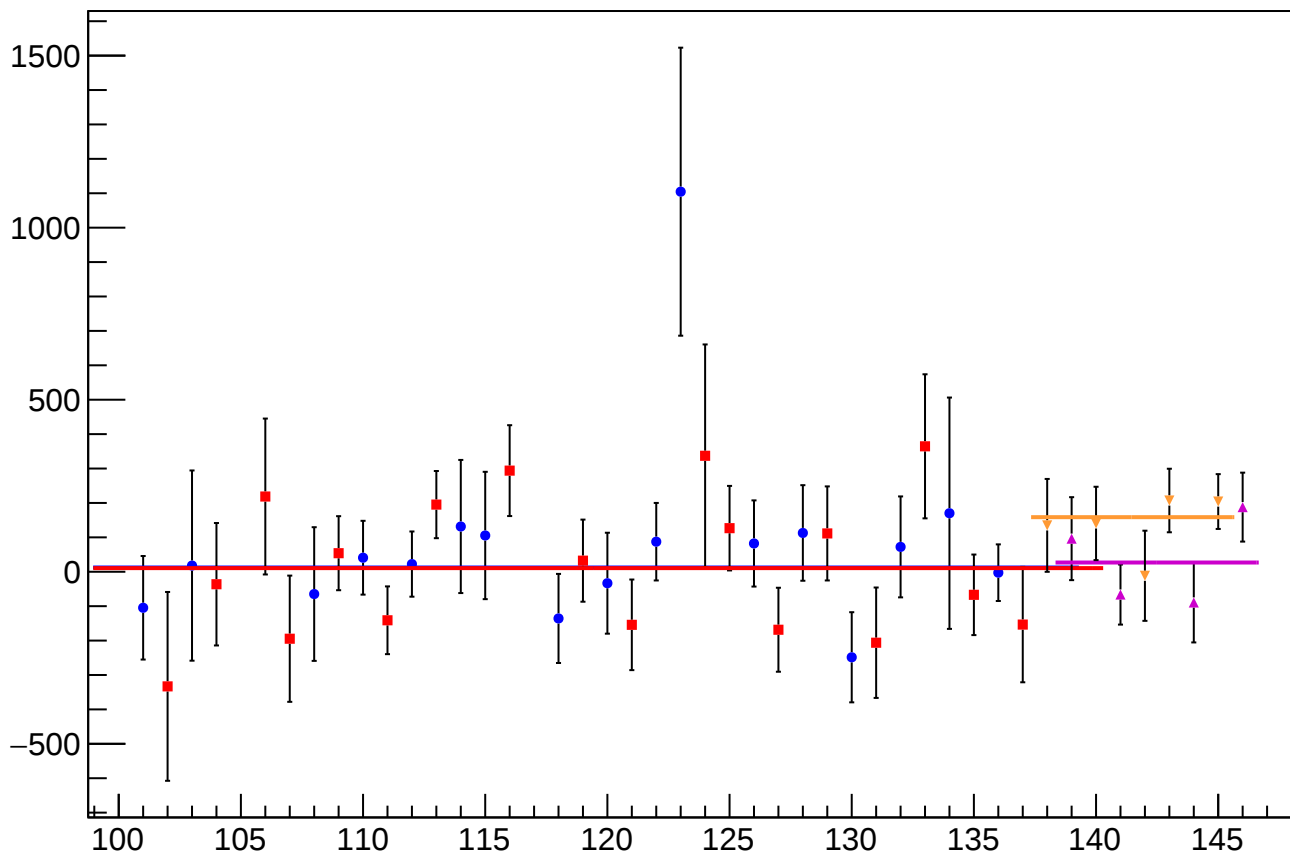
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 617.855 $\pm$ 0.166 χ^2 /NDF: 5890899.9/20

Out: 645.364 $\pm$ 0.170 χ^2 /NDF: 6548838.1/22

All: 631.273 $\pm$ 0.119 χ^2 /NDF: 12453113.6/43

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 158.659+/-45.829 χ^2/NDF : 2.4/4

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 26.871+/-51.732 χ^2/NDF : 5.0/3

Left: 100.710+/-34.304 χ^2/NDF : 11.0/8

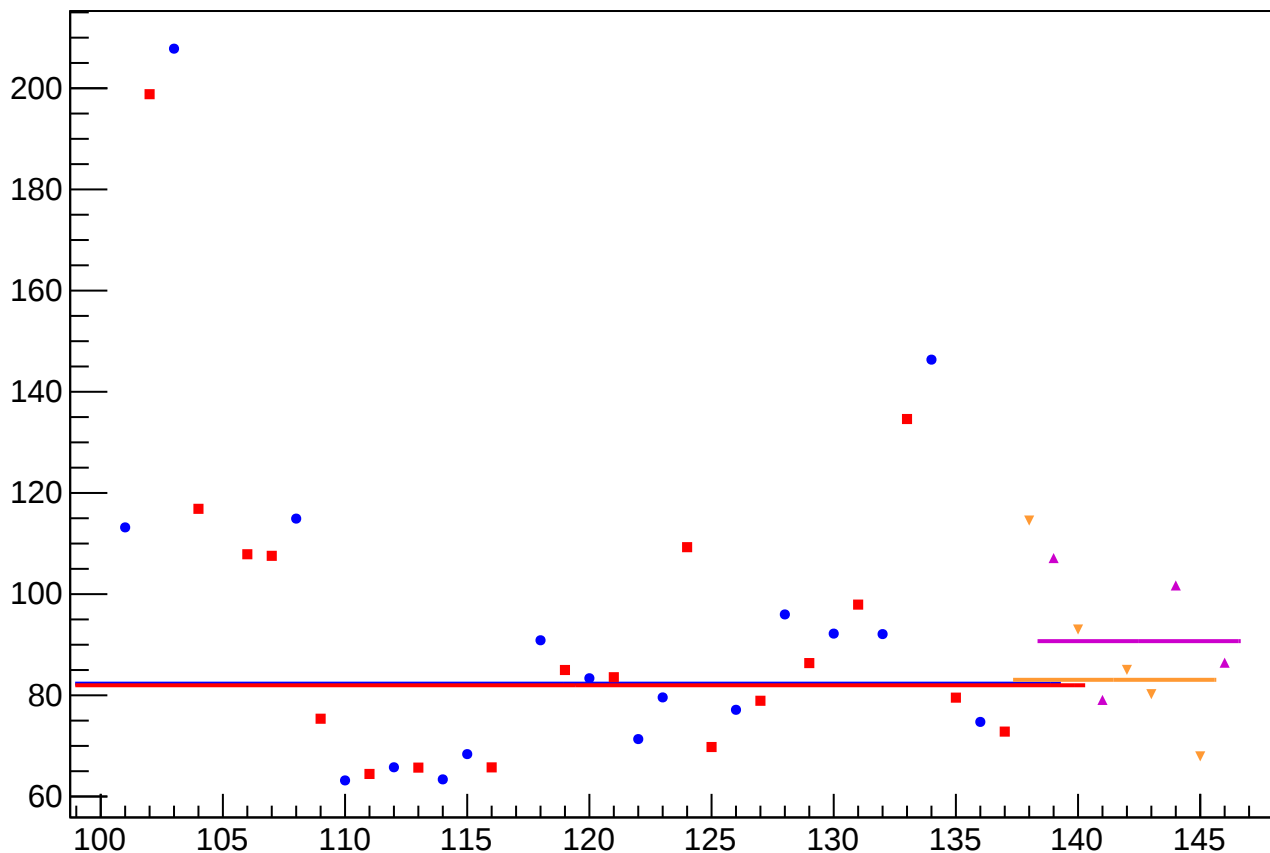
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 16.562+/-27.958 χ^2/NDF : 20.5/20

Out: 60.353+/-26.568 χ^2/NDF : 36.0/22

All: 39.572+/-19.259 χ^2/NDF : 57.8/43

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: 83.065 $\pm$ 0.032 χ^2 /NDF: 200812.9/4

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 90.709 $\pm$ 0.037 χ^2 /NDF: 94073.4/3

Left: 86.427 $\pm$ 0.024 χ^2 /NDF: 319352.2/8

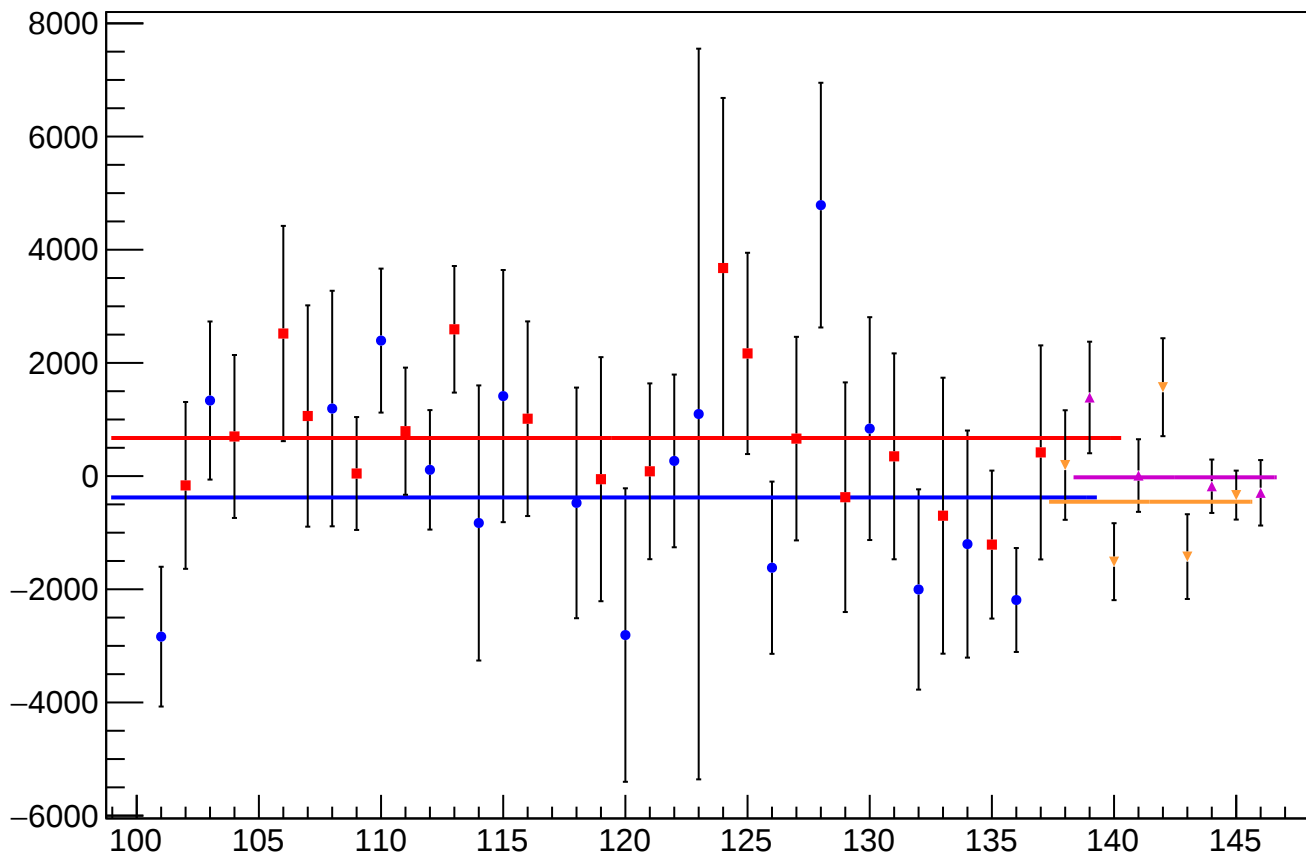
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 84.760 $\pm$ 0.020 χ^2 /NDF: 1000178.0/20

Out: 82.350 $\pm$ 0.019 χ^2 /NDF: 1054765.0/22

All: 83.494 $\pm$ 0.014 χ^2 /NDF: 2062755.9/43

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -453.059 ± 292.465 $\chi^2/\text{NDF}: 10.1/4$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: -21.507 ± 302.337 $\chi^2/\text{NDF}: 2.4/3$

Left: -244.444 ± 210.207 $\chi^2/\text{NDF}: 13.5/8$

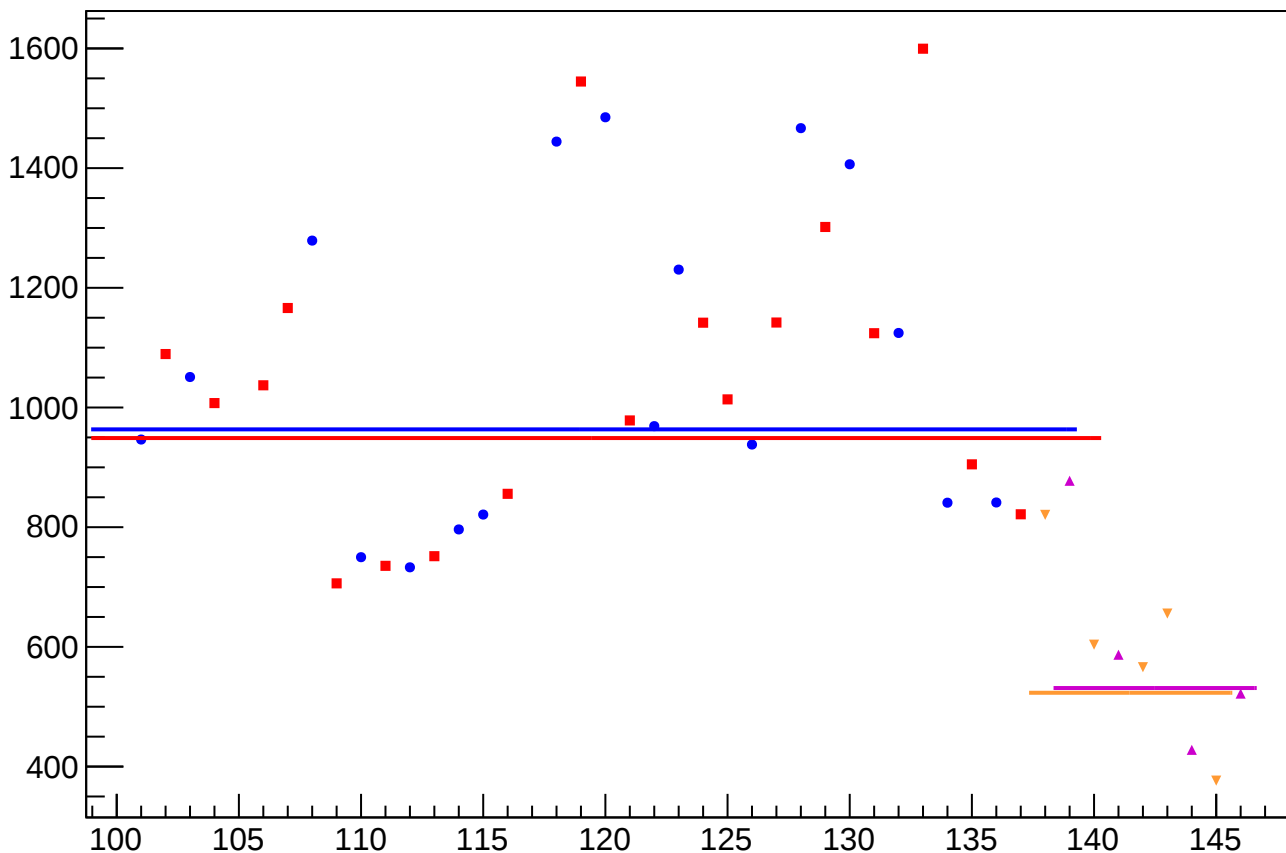
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -157.718 ± 237.522 $\chi^2/\text{NDF}: 27.4/20$

Out: -17.980 ± 229.113 $\chi^2/\text{NDF}: 25.2/22$

All: -85.332 ± 164.900 $\chi^2/\text{NDF}: 52.7/43$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 523.336+/-0.207 χ^2/NDF : 514139.7/4

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 531.242+/-0.214 χ^2/NDF : 358323.7/3

Left: 527.158+/-0.149 χ^2/NDF : 873169.8/8

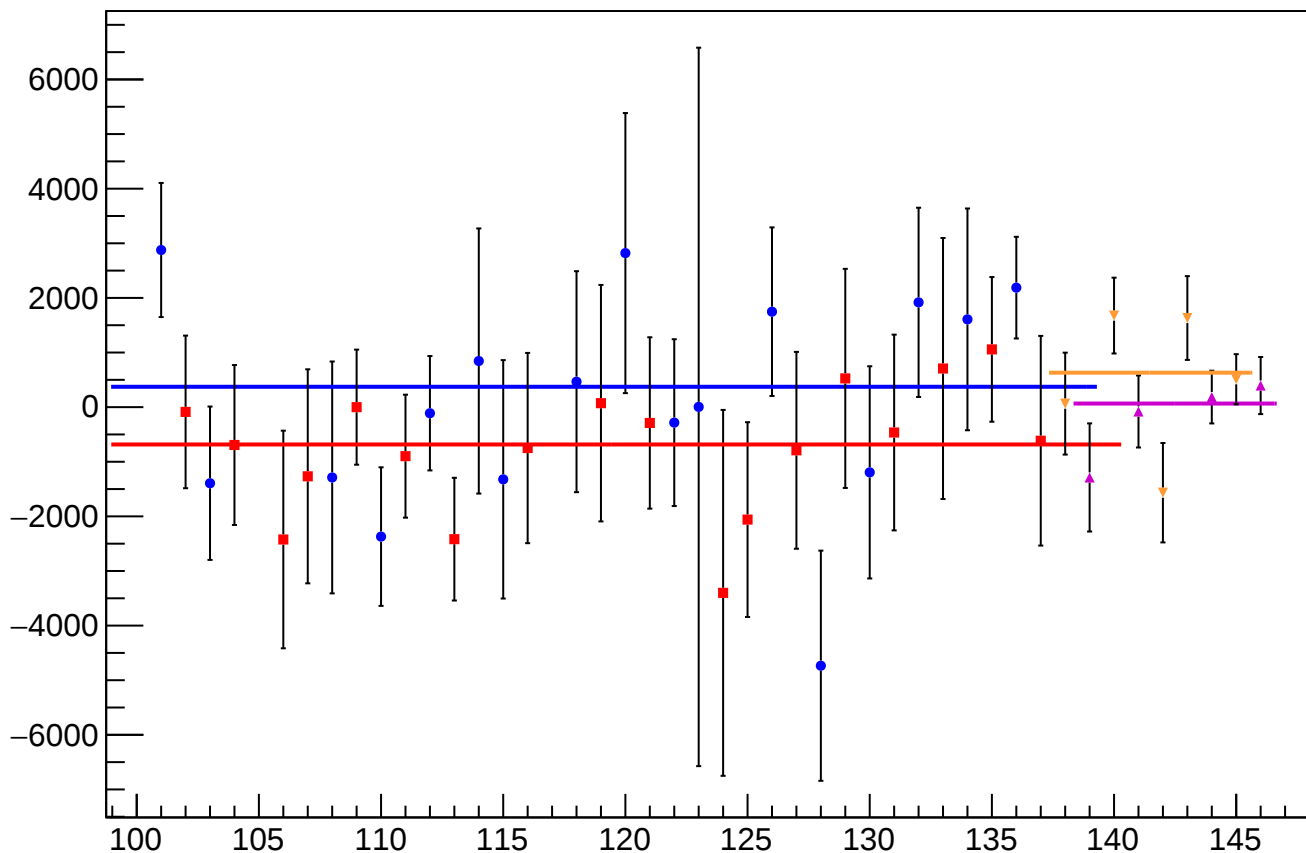
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 696.700+/-0.168 χ^2/NDF : 2611953.5/20

Out: 687.753+/-0.162 χ^2/NDF : 2879734.6/22

All: 692.065+/-0.117 χ^2/NDF : 5493158.4/43

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 630.797 $\pm$ 303.157 χ^2 /NDF:10.2/4

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 65.853 $\pm$ 297.896 χ^2 /NDF:2.4/3

Left: 343.380 $\pm$ 212.480 χ^2 /NDF: 14.4/8

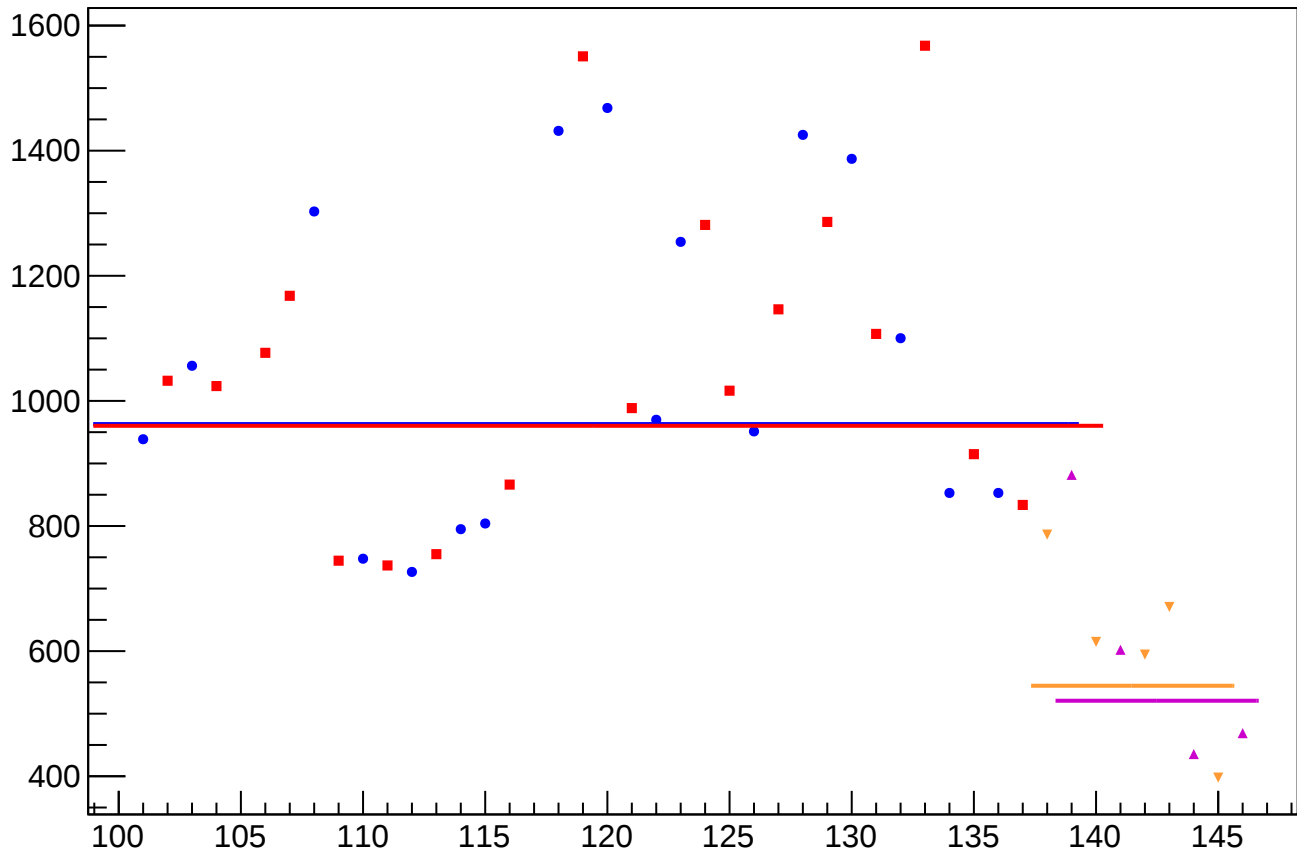
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 181.339 $\pm$ 235.296 χ^2 /NDF:28.0/20

Out: 106.946 $\pm$ 235.109 χ^2 /NDF:25.5/22

All: 144.113 $\pm$ 166.313 χ^2 /NDF: 53.6/43

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 544.650 $\pm$ 0.214 χ^2 /NDF: 419178.7/4

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 520.699 $\pm$ 0.211 χ^2 /NDF: 378601.0/3

Left: 532.465 $\pm$ 0.150 χ^2 /NDF: 804130.7/8

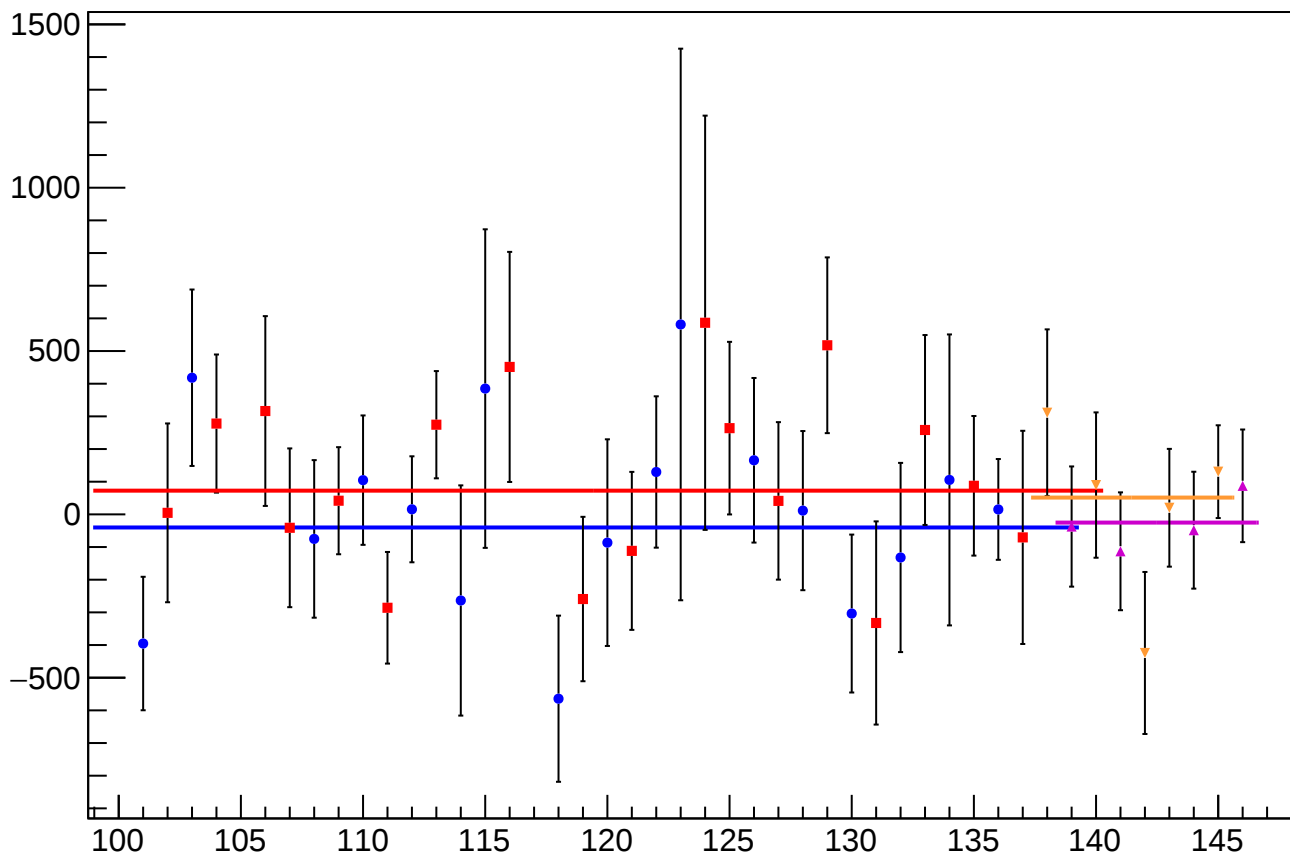
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 687.048 $\pm$ 0.166 χ^2 /NDF: 2704221.2/20

Out: 710.272 $\pm$ 0.166 χ^2 /NDF: 2587998.1/22

All: 698.669 $\pm$ 0.118 χ^2 /NDF: 5301969.2/43

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 51.421 ± 86.983 χ^2/NDF : 5.1/4

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: -25.161 ± 89.385 χ^2/NDF : 0.7/3

Left: 14.173 ± 62.338 χ^2/NDF : 6.1/8

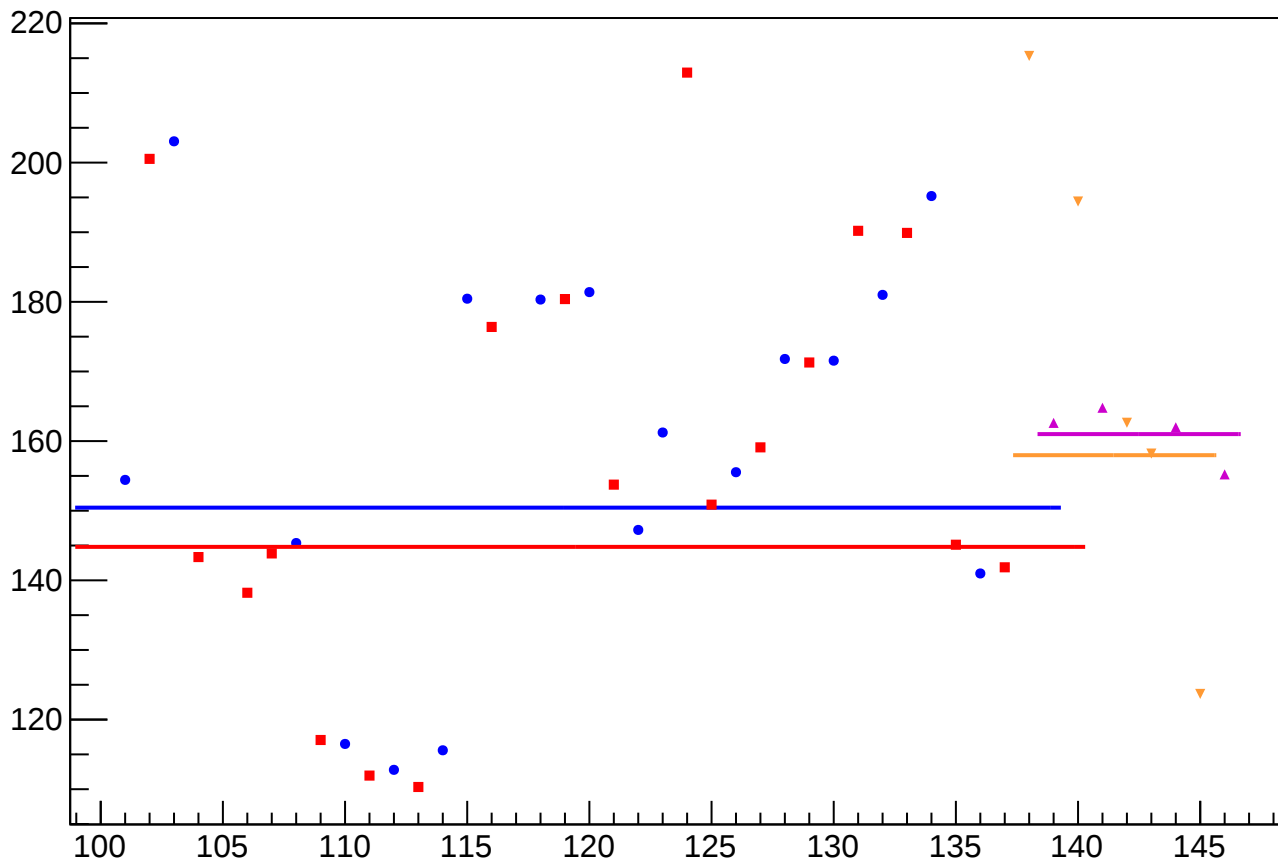
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: -35.554 ± 49.389 χ^2/NDF : 16.0/20

Out: 66.349 ± 47.272 χ^2/NDF : 22.7/22

All: 17.629 ± 34.150 χ^2/NDF : 41.0/43

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: 157.976 $\pm$ 0.062 χ^2 /NDF: 271981.7/4

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 161.005 $\pm$ 0.063 χ^2 /NDF: 3347.6/3

Left: 159.450 $\pm$ 0.044 χ^2 /NDF: 276508.9/8

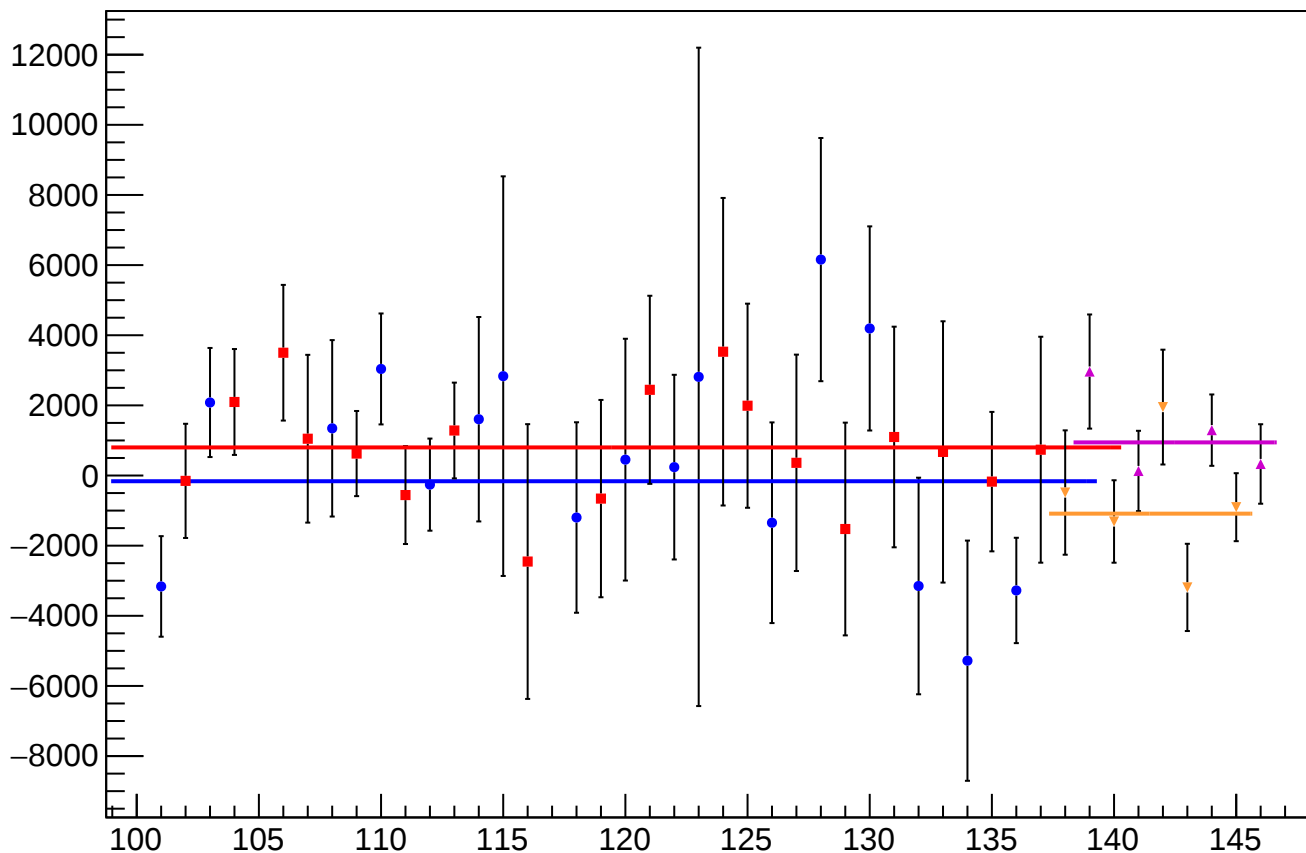
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 153.667 $\pm$ 0.035 χ^2 /NDF: 422874.7/20

Out: 148.697 $\pm$ 0.033 χ^2 /NDF: 808148.9/22

All: 151.073 $\pm$ 0.024 χ^2 /NDF: 1241594.6/43

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1087.232 ± 565.626 χ^2/NDF : 6.5/4

Right Out: 801.139 ± 486.610 χ^2/NDF : 6.9/17

Left In: 944.573 ± 588.803 χ^2/NDF : 2.5/3

Left: -112.105 ± 407.906 χ^2/NDF : 15.1/8

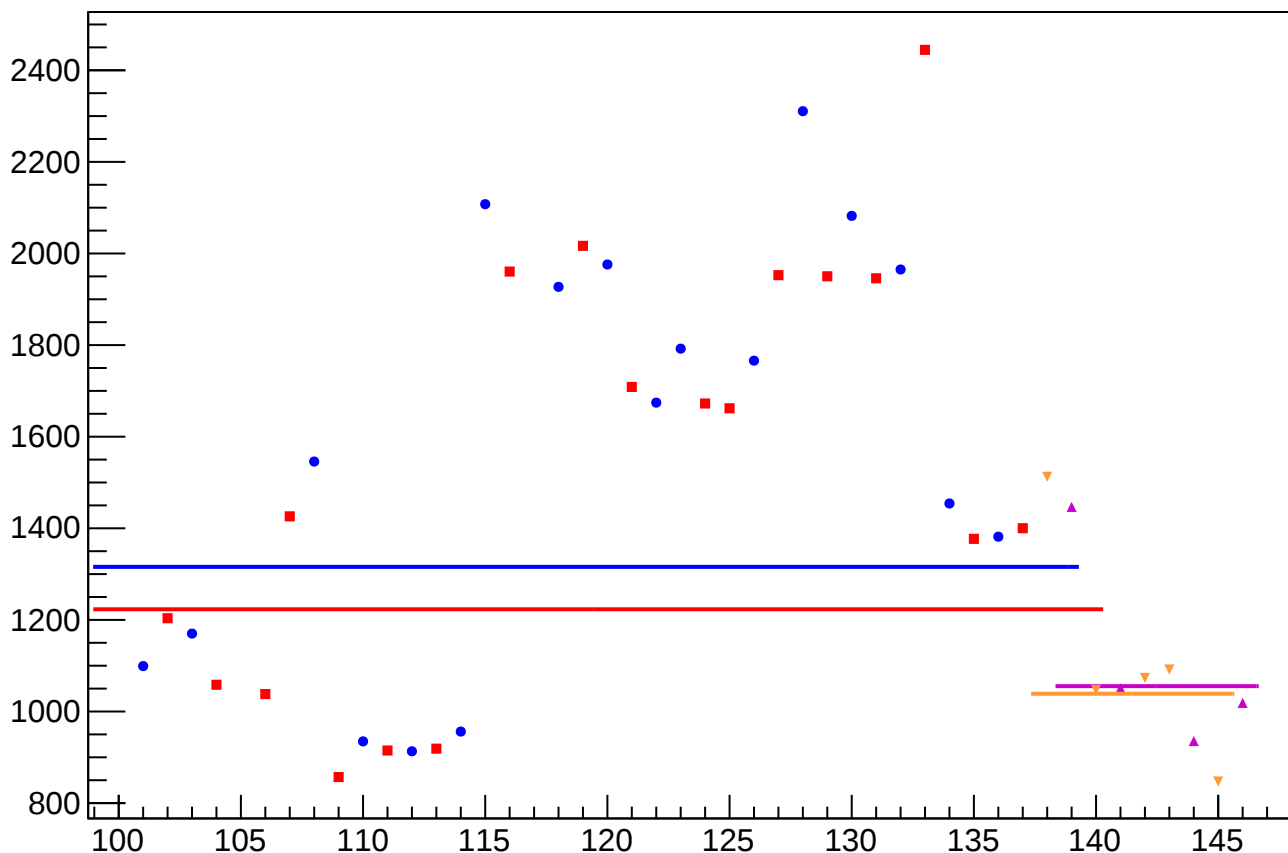
Right: 363.081 ± 359.419 χ^2/NDF : 33.7/34

In: 336.103 ± 395.214 χ^2/NDF : 29.5/20

Out: -2.038 ± 368.885 χ^2/NDF : 19.8/22

All: 155.395 ± 269.669 χ^2/NDF : 49.6/43

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 +/- 0.377 χ^2/NDF : 1118346.6/16

Left Out: 1038.810 +/- 0.400 χ^2/NDF : 225509.2/4

Right Out: 1223.179 +/- 0.344 χ^2/NDF : 1363055.0/17

Left In: 1055.401 +/- 0.416 χ^2/NDF : 145530.1/3

Left: 1046.773 +/- 0.288 χ^2/NDF : 371865.2/8

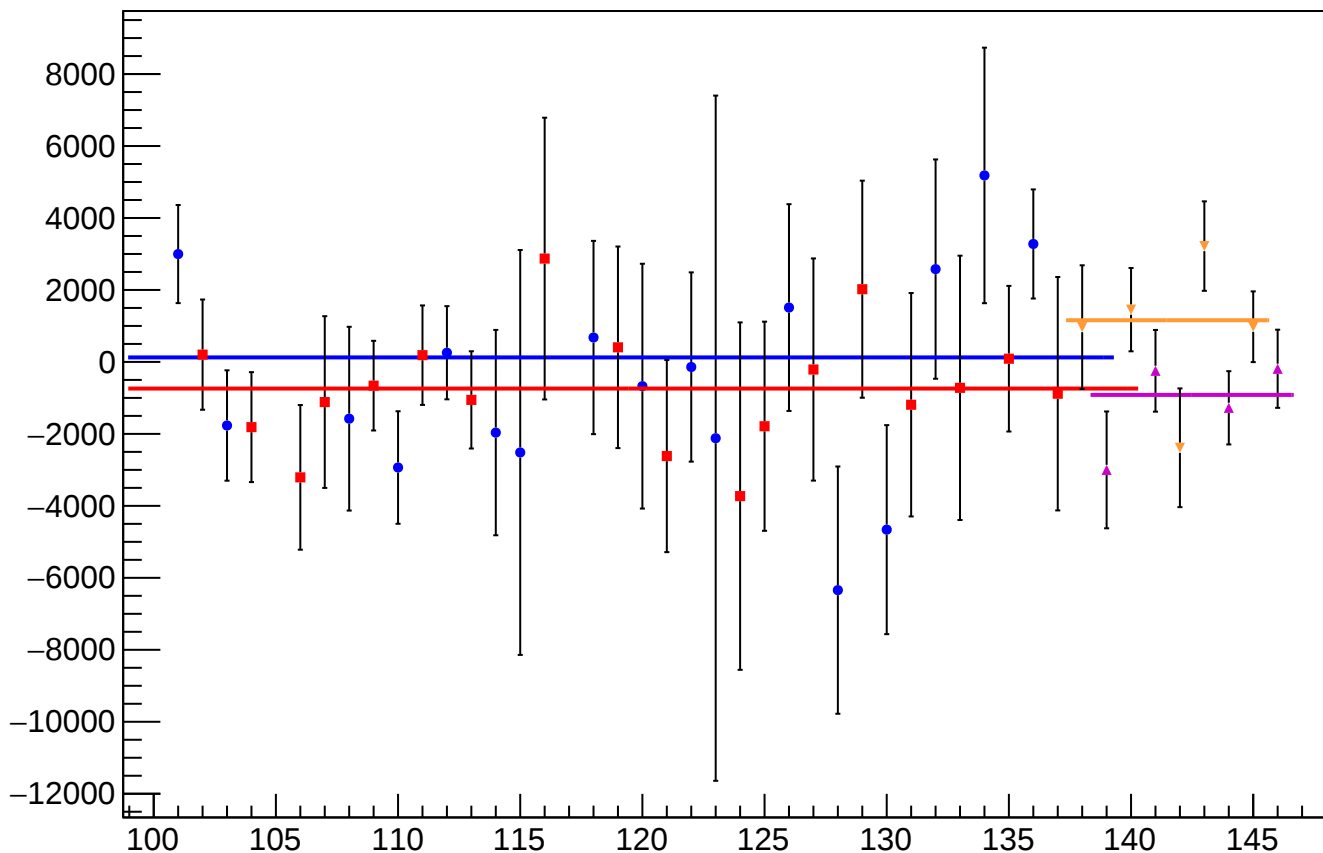
Right: 1265.263 +/- 0.254 χ^2/NDF : 2514318.9/34

In: 1198.474 +/- 0.279 χ^2/NDF : 1478787.1/20

Out: 1144.761 +/- 0.261 χ^2/NDF : 1710678.7/22

All: 1169.769 +/- 0.191 χ^2/NDF : 3209207.8/43

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377+/-526.801 χ^2/NDF : 24.7/16

Left Out: 1158.029+/-564.894 χ^2/NDF : 7.5/4

Right Out: -739.954+/-486.808 χ^2/NDF : 6.0/17

Left In: -916.865+/-580.422 χ^2/NDF : 2.6/3

Left: 148.709+/-404.819 χ^2/NDF : 16.6/8

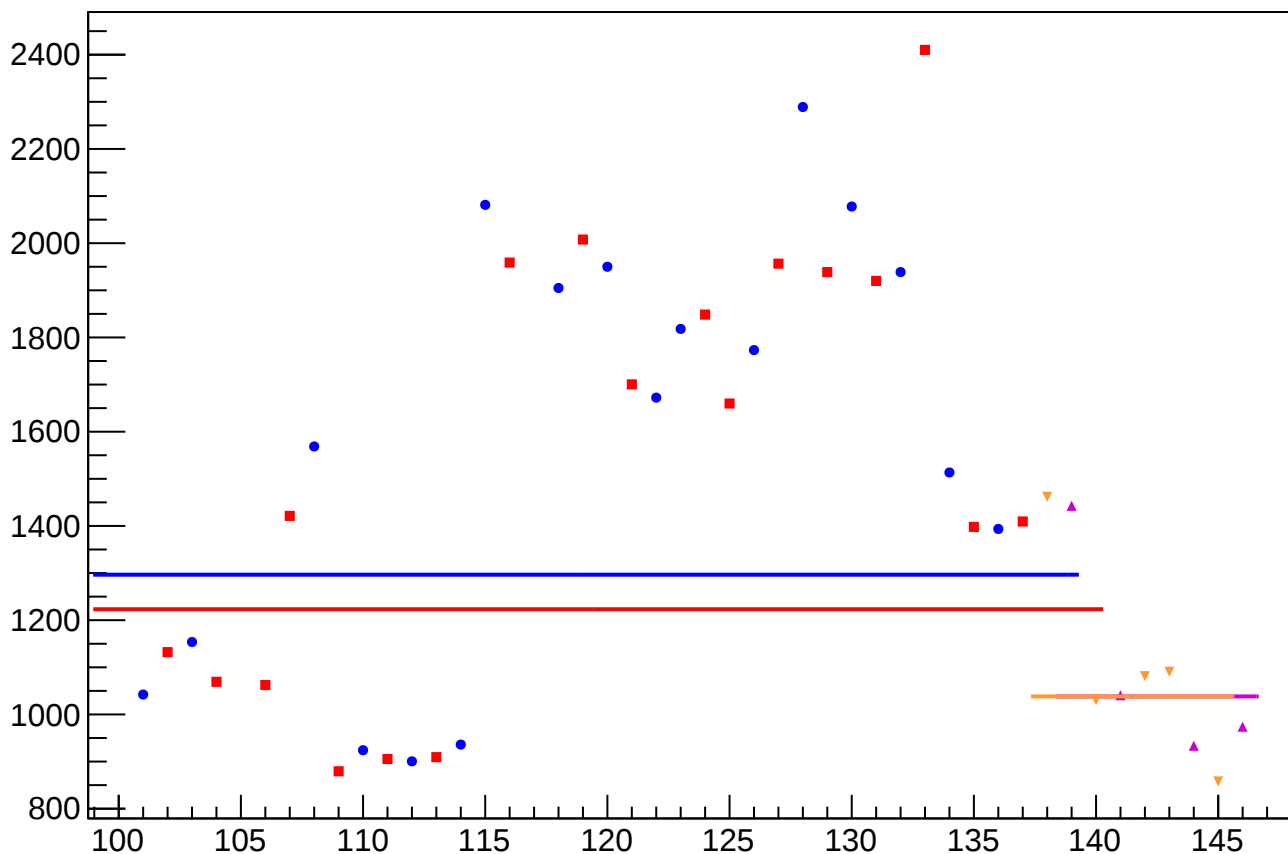
Right: -341.379+/-357.529 χ^2/NDF : 32.1/34

In: -345.388+/-390.087 χ^2/NDF : 29.0/20

Out: 68.890+/-368.768 χ^2/NDF : 19.9/22

All: -126.619+/-267.978 χ^2/NDF : 49.5/43

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1038.279+/-0.399 χ^2/NDF : 193844.6/4

Right Out: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1038.199+/-0.410 χ^2/NDF : 152297.4/3

Left: 1038.240+/-0.286 χ^2/NDF : 346142.0/8

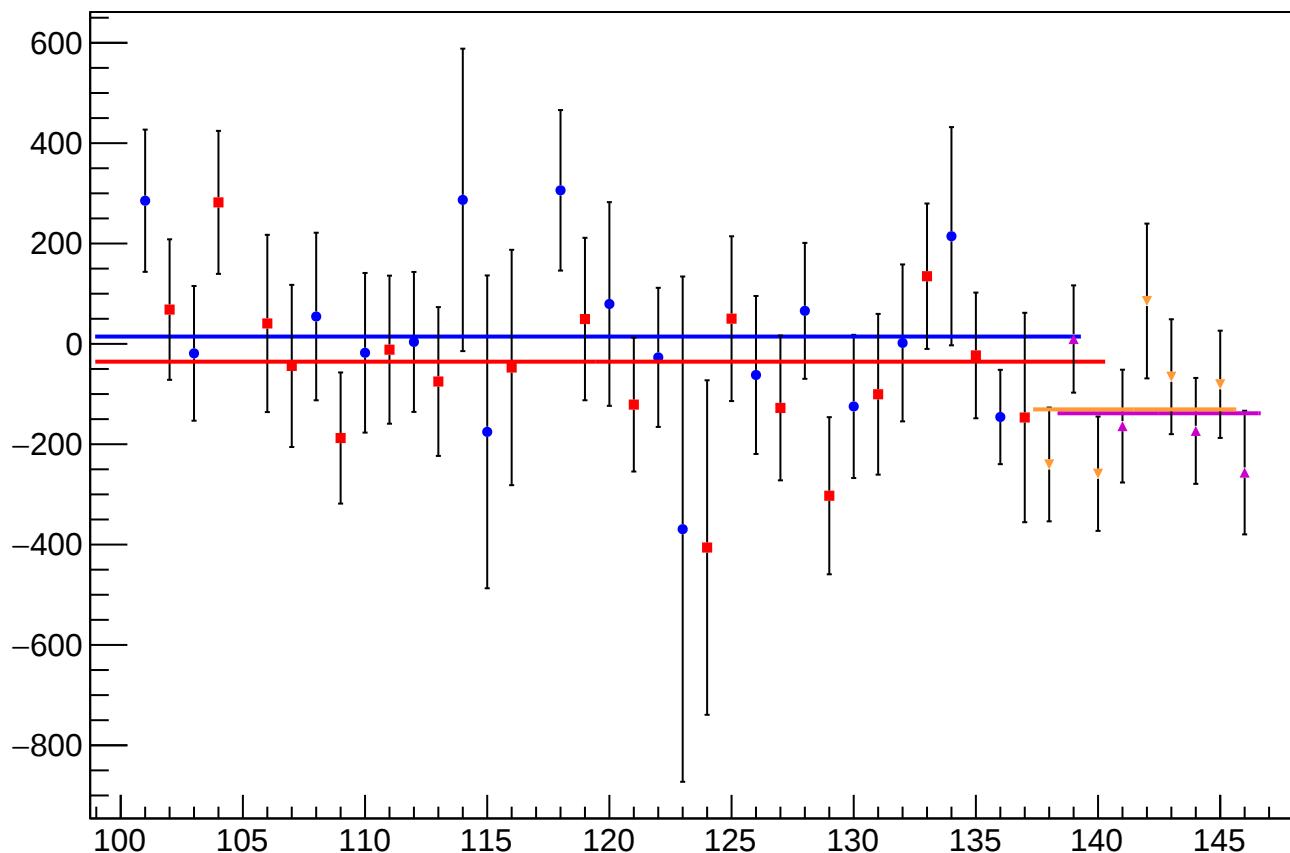
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1179.870+/-0.276 χ^2/NDF : 1545068.2/20

Out: 1144.437+/-0.261 χ^2/NDF : 1663620.3/22

All: 1161.158+/-0.189 χ^2/NDF : 3217402.3/43

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 $\pm$ 38.017 χ^2 /NDF: 14.2/16

Left Out: -130.530 $\pm$ 52.651 χ^2 /NDF: 4.7/4

Right Out: -35.475 $\pm$ 36.728 χ^2 /NDF: 14.5/17

Left In: -138.321 $\pm$ 55.700 χ^2 /NDF: 3.0/3

Left: -134.206 $\pm$ 38.262 χ^2 /NDF: 7.7/8

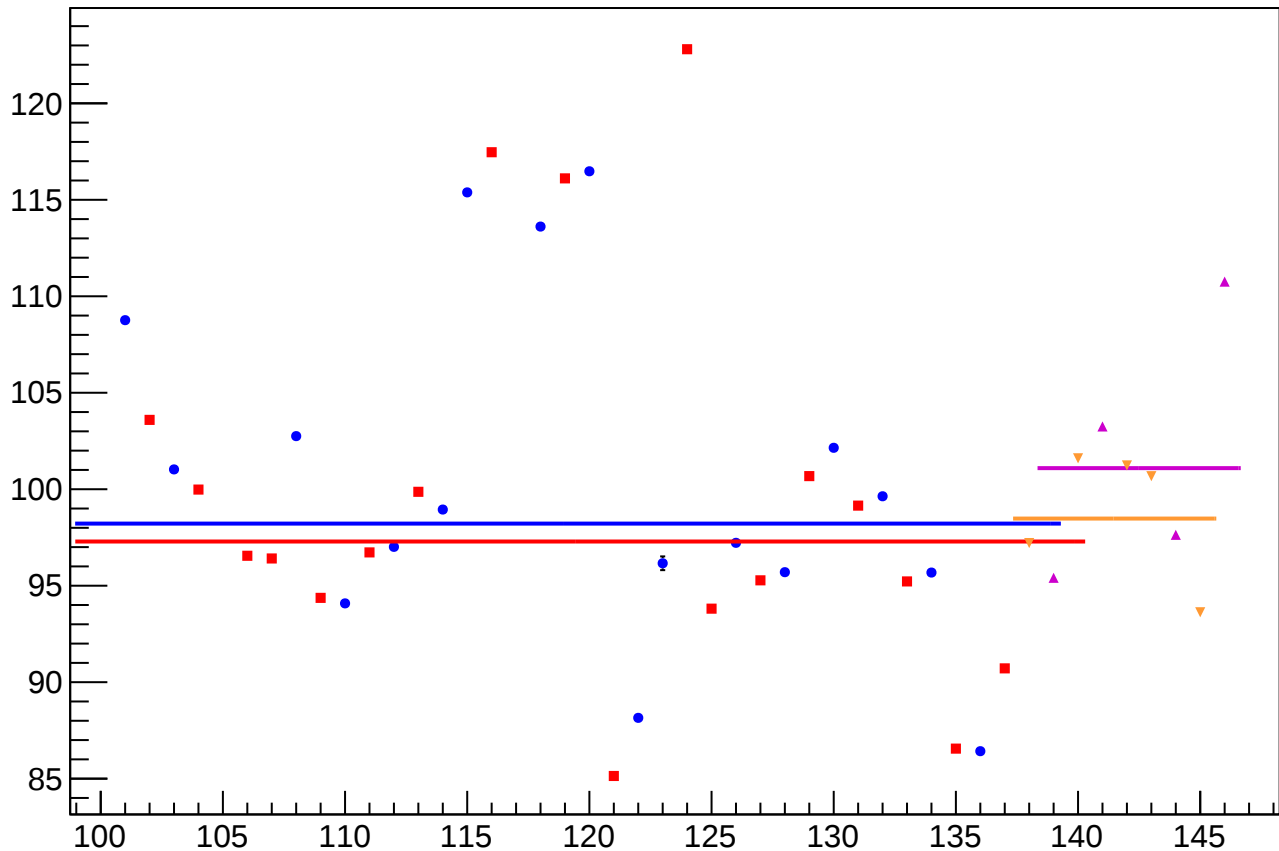
Right: -11.312 $\pm$ 26.414 χ^2 /NDF: 29.6/34

In: -34.014 $\pm$ 31.400 χ^2 /NDF: 22.3/20

Out: -66.589 $\pm$ 30.123 χ^2 /NDF: 21.4/22

All: -50.977 $\pm$ 21.738 χ^2 /NDF: 44.3/43

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 98.480+/-0.037 χ^2/NDF : 7259.5/4

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 101.093+/-0.039 χ^2/NDF : 20846.8/3

Left: 99.713+/-0.027 χ^2/NDF : 30431.7/8

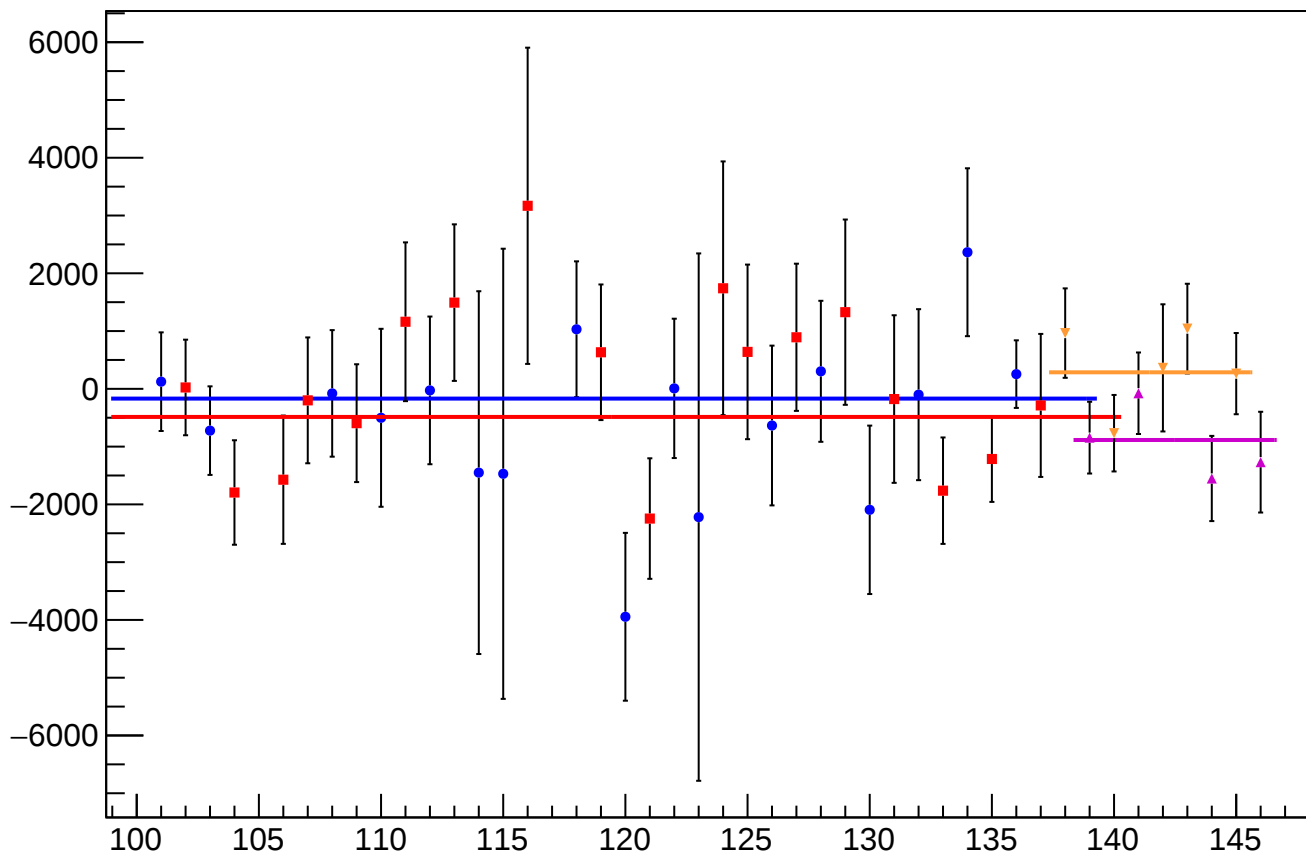
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 99.132+/-0.022 χ^2/NDF : 124990.2/20

Out: 97.680+/-0.021 χ^2/NDF : 104162.5/22

All: 98.376+/-0.015 χ^2/NDF : 231382.1/43

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: 286.086 ± 343.846 $\chi^2/\text{NDF}: 4.3/4$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -885.312 ± 359.089 $\chi^2/\text{NDF}: 2.3/3$

Left: -274.224 ± 248.350 $\chi^2/\text{NDF}: 12.1/8$

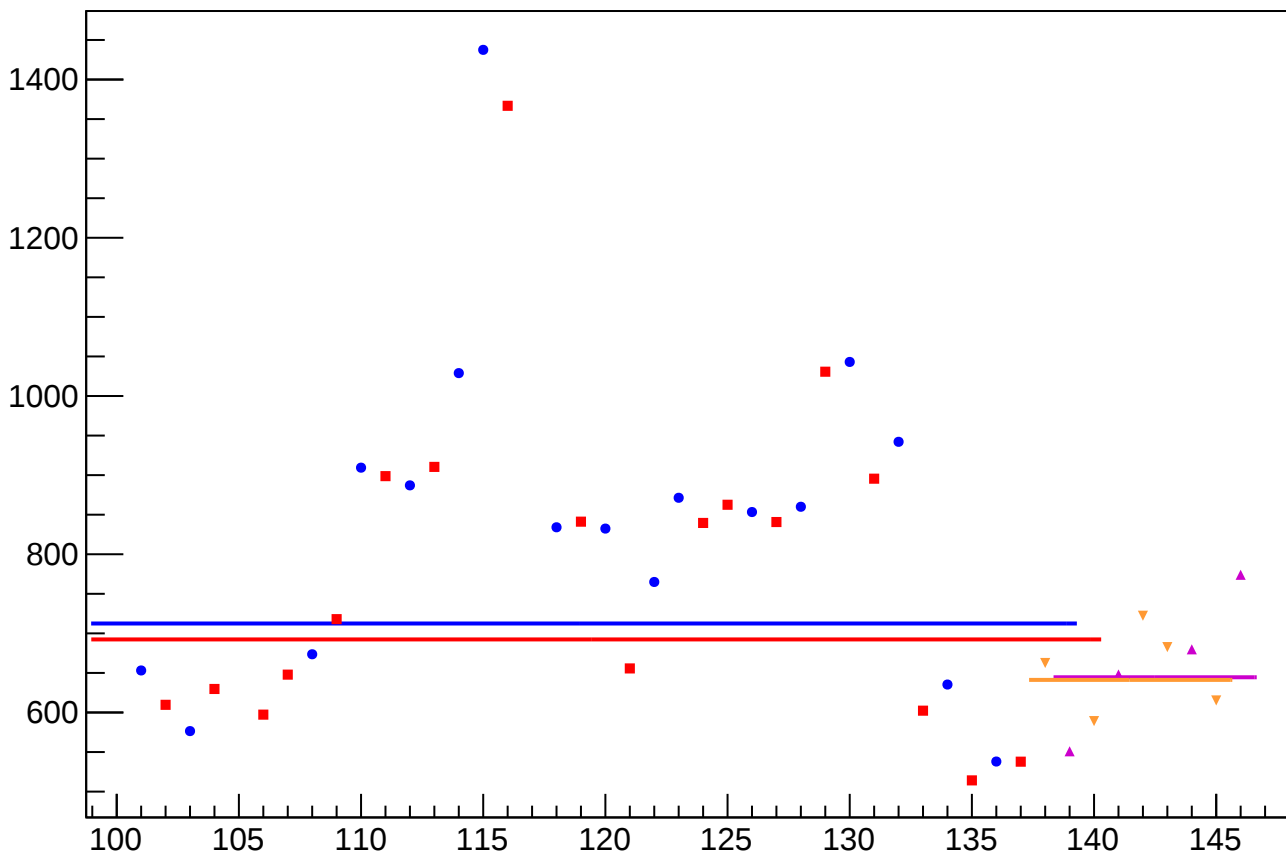
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -442.341 ± 221.871 $\chi^2/\text{NDF}: 19.4/20$

Out: -194.400 ± 211.383 $\chi^2/\text{NDF}: 27.0/22$

All: -312.372 ± 153.044 $\chi^2/\text{NDF}: 47.0/43$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 641.194+/-0.243 χ^2/NDF : 33186.8/4

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 644.509+/-0.254 χ^2/NDF : 94154.6/3

Left: 642.779+/-0.176 χ^2/NDF : 127430.2/8

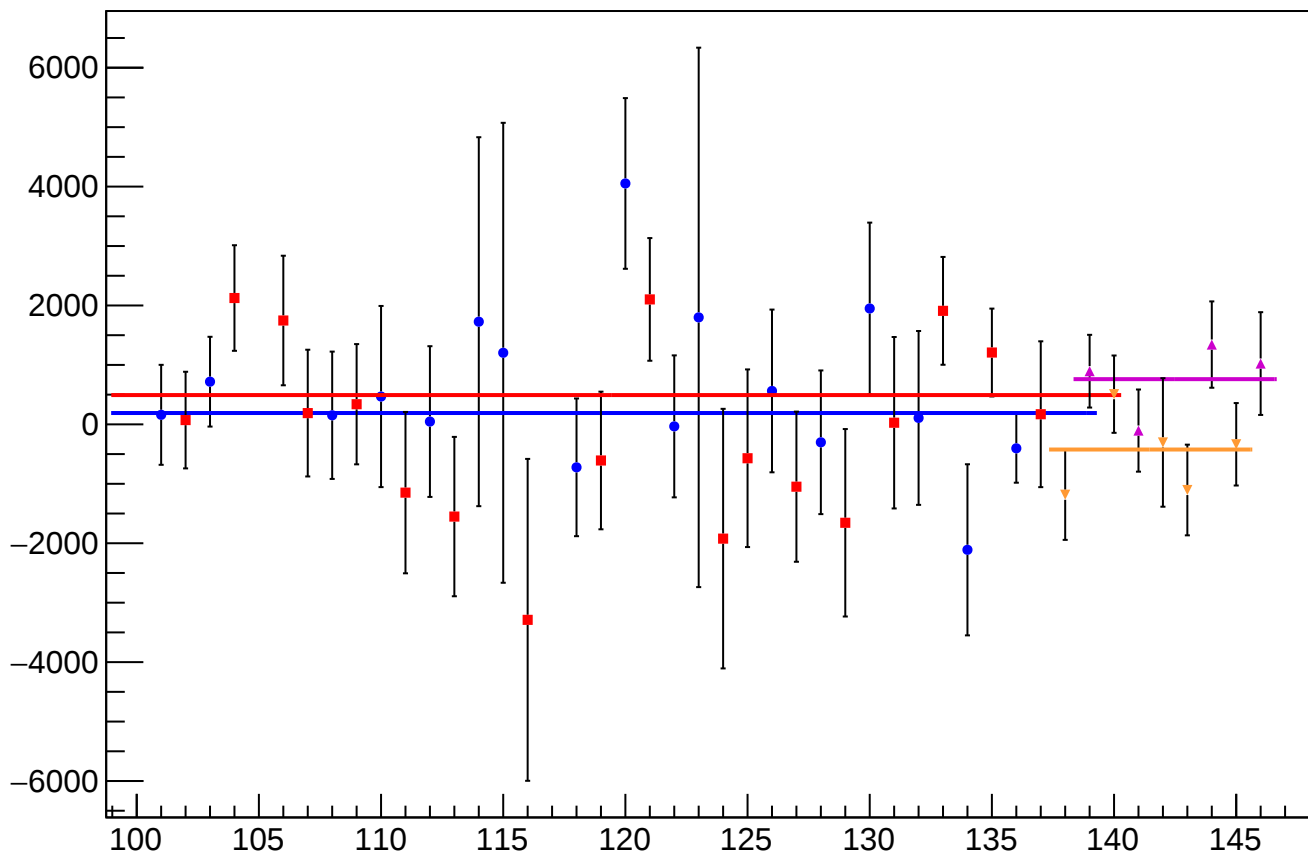
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 686.528+/-0.157 χ^2/NDF : 798972.7/20

Out: 673.012+/-0.149 χ^2/NDF : 717669.5/22

All: 679.443+/-0.108 χ^2/NDF : 1520533.1/43

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -423.305 $\pm$ 338.096 χ^2 /NDF:3.9/4

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 760.602 $\pm$ 353.558 χ^2 /NDF:2.3/3

Left: 142.195 $\pm$ 244.353 χ^2 /NDF: 12.1/8

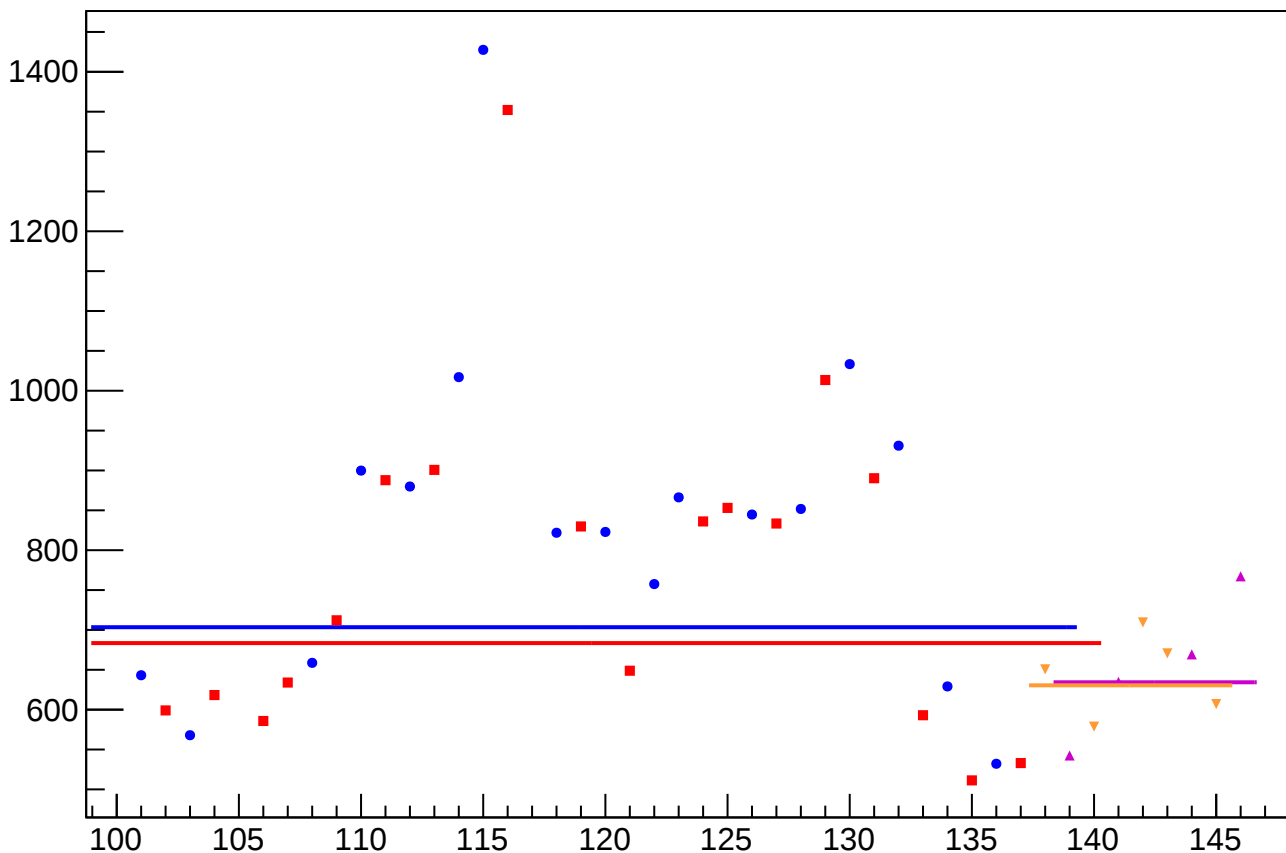
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 409.190 $\pm$ 218.860 χ^2 /NDF:18.2/20

Out: 144.768 $\pm$ 208.387 χ^2 /NDF:31.2/22

All: 270.501 $\pm$ 150.919 χ^2 /NDF: 50.1/43

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 630.502 $\pm$ 0.239 χ^2 /NDF:32550.2/4

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 634.316 $\pm$ 0.250 χ^2 /NDF:96956.9/3

Left: 632.324 $\pm$ 0.173 χ^2 /NDF: 129628.7/8

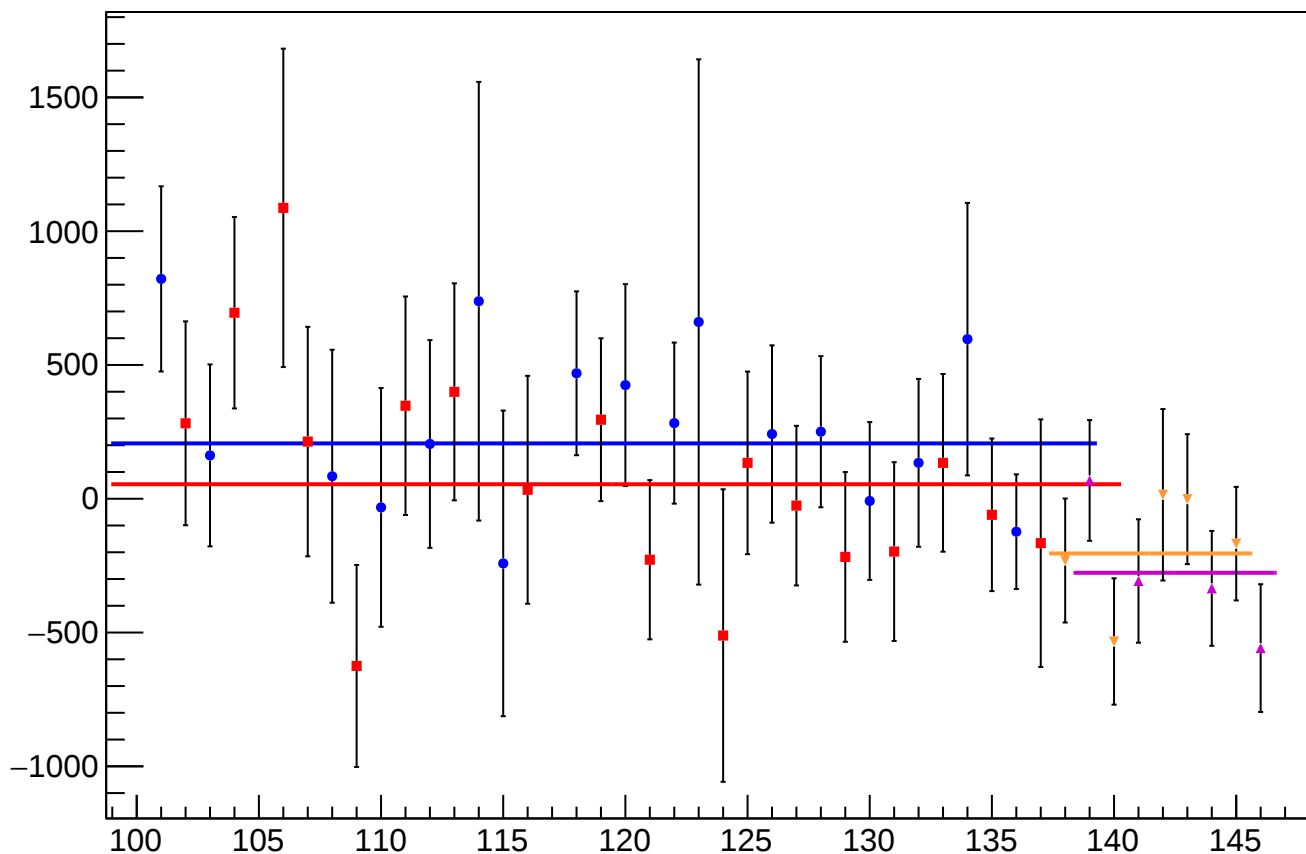
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 676.932 $\pm$ 0.155 χ^2 /NDF:810949.9/20

Out: 663.362 $\pm$ 0.147 χ^2 /NDF:722372.2/22

All: 669.814 $\pm$ 0.107 χ^2 /NDF: 1537354.7/43

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: -204.427 $\pm$ 108.164 χ^2 /NDF:3.2/4

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -276.690 $\pm$ 113.455 χ^2 /NDF:3.8/3

Left: -238.834 $\pm$ 78.287 χ^2 /NDF: 7.2/8

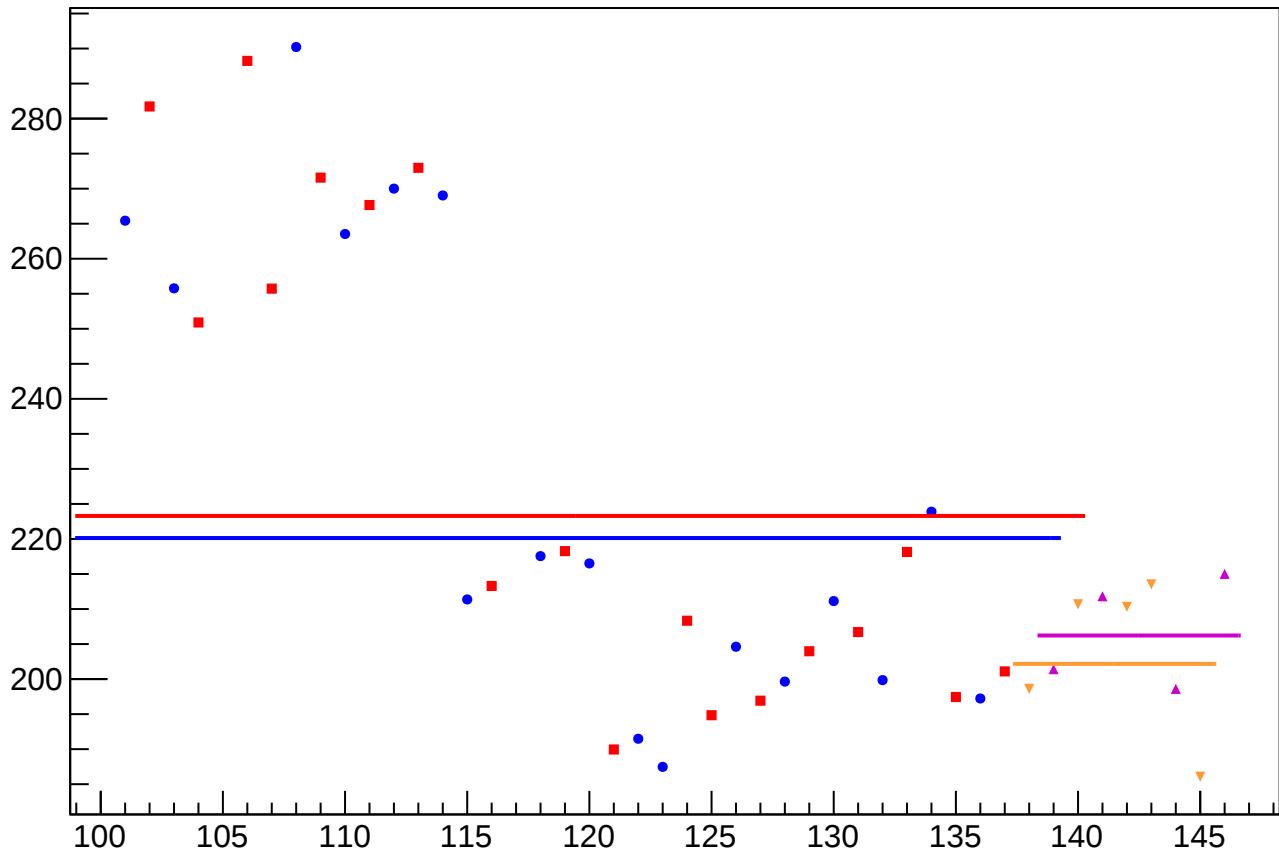
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: 31.378 $\pm$ 68.349 χ^2 /NDF:24.9/20

Out: -44.825 $\pm$ 66.926 χ^2 /NDF:22.3/22

All: -7.525 $\pm$ 47.819 χ^2 /NDF: 47.9/43

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 202.172+/-0.076 χ^2/NDF : 20260.6/4

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 206.223+/-0.080 χ^2/NDF : 7319.2/3

Left: 204.100+/-0.055 χ^2/NDF : 28915.5/8

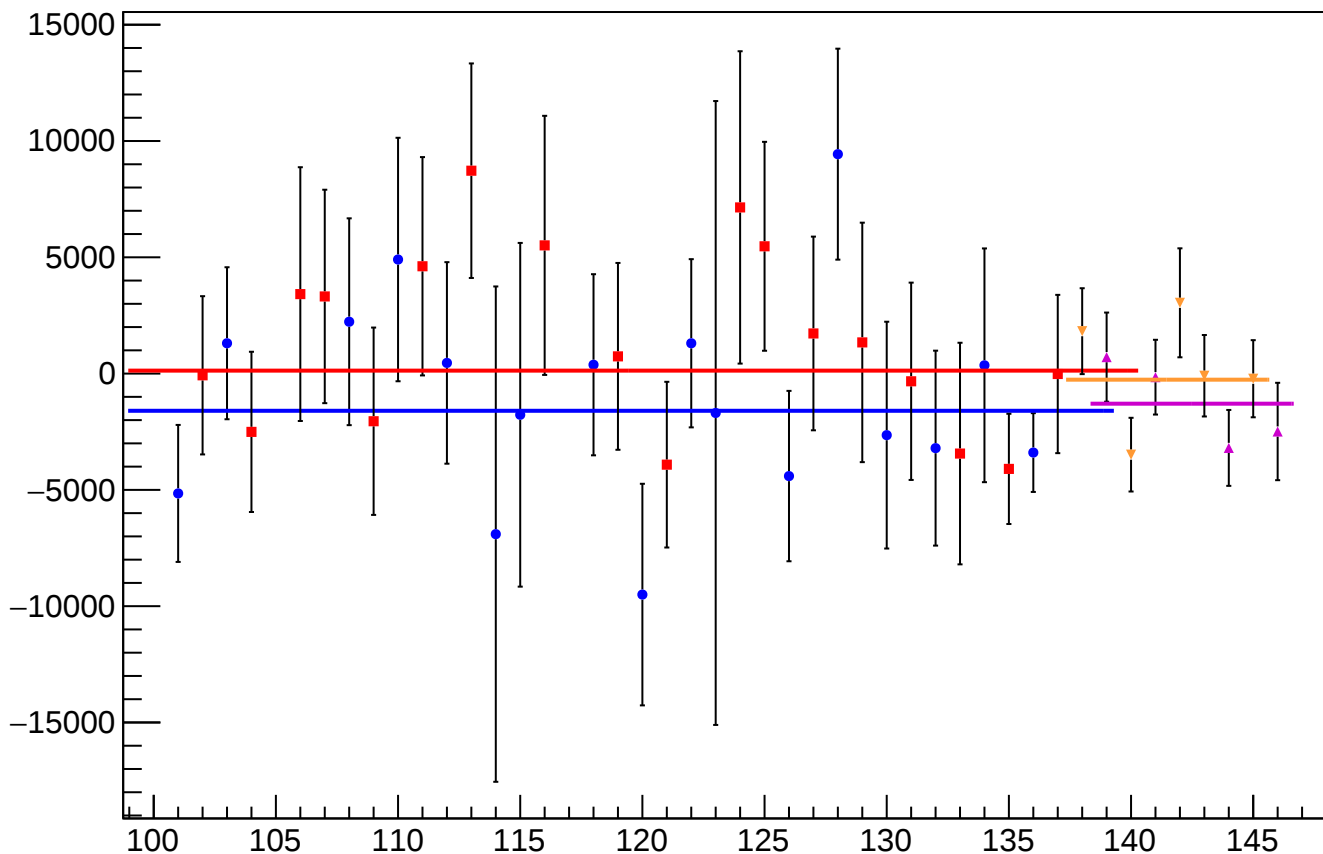
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 215.084+/-0.048 χ^2/NDF : 254916.0/20

Out: 215.203+/-0.047 χ^2/NDF : 339556.8/22

All: 215.145+/-0.034 χ^2/NDF : 594475.8/43

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -261.616 $\pm$ 799.703 χ^2 /NDF:7.4/4

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -1294.047 $\pm$ 889.748 χ^2 /NDF:3.3/3

Left: -722.960 $\pm$ 594.770 χ^2 /NDF: 11.4/8

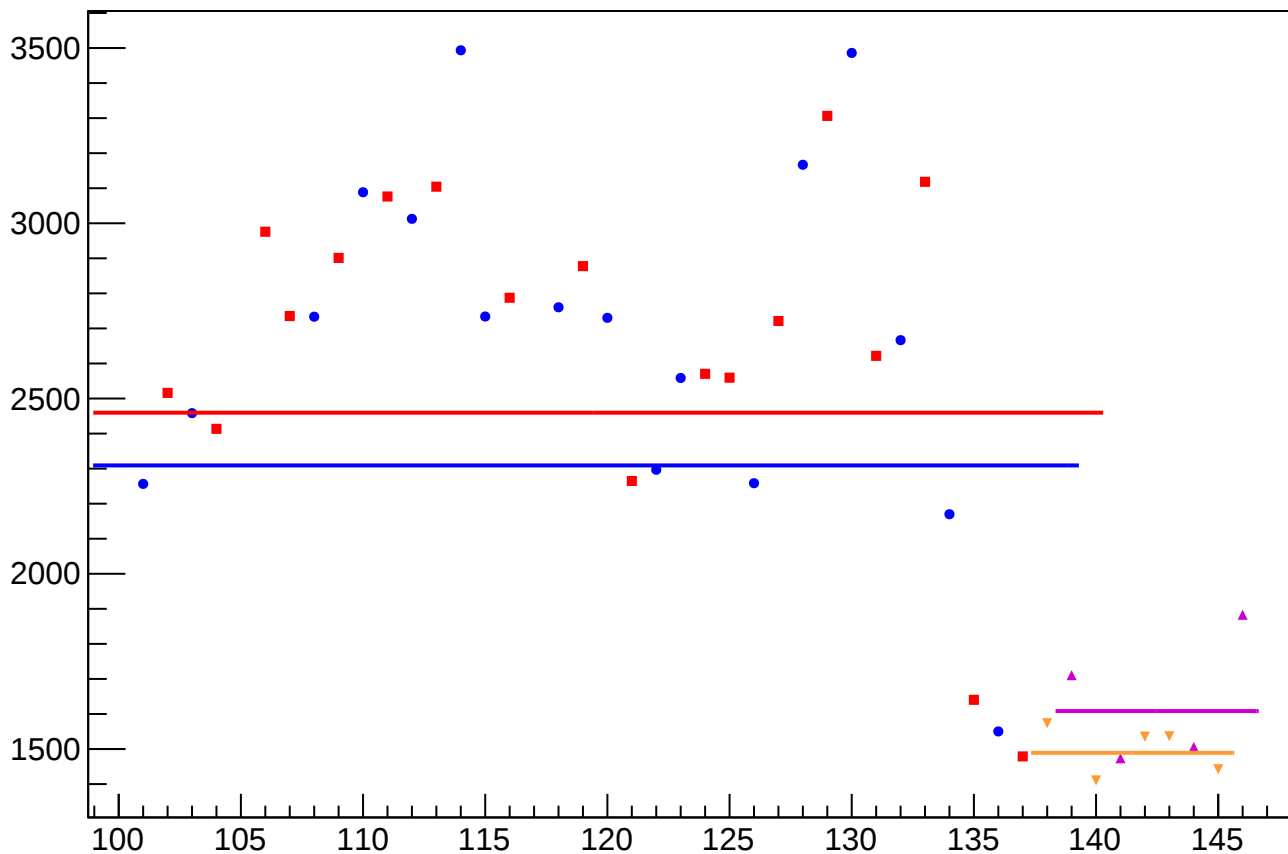
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1441.276 $\pm$ 639.924 χ^2 /NDF:20.0/20

Out: -99.950 $\pm$ 611.554 χ^2 /NDF:22.3/22

All: -740.221 $\pm$ 442.123 χ^2 /NDF: 44.6/43

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: 1489.336 $\pm$ 0.565 χ^2 /NDF:12948.1/4

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1608.341 $\pm$ 0.629 χ^2 /NDF:62084.4/3

Left: 1542.514 $\pm$ 0.421 χ^2 /NDF: 94823.2/8

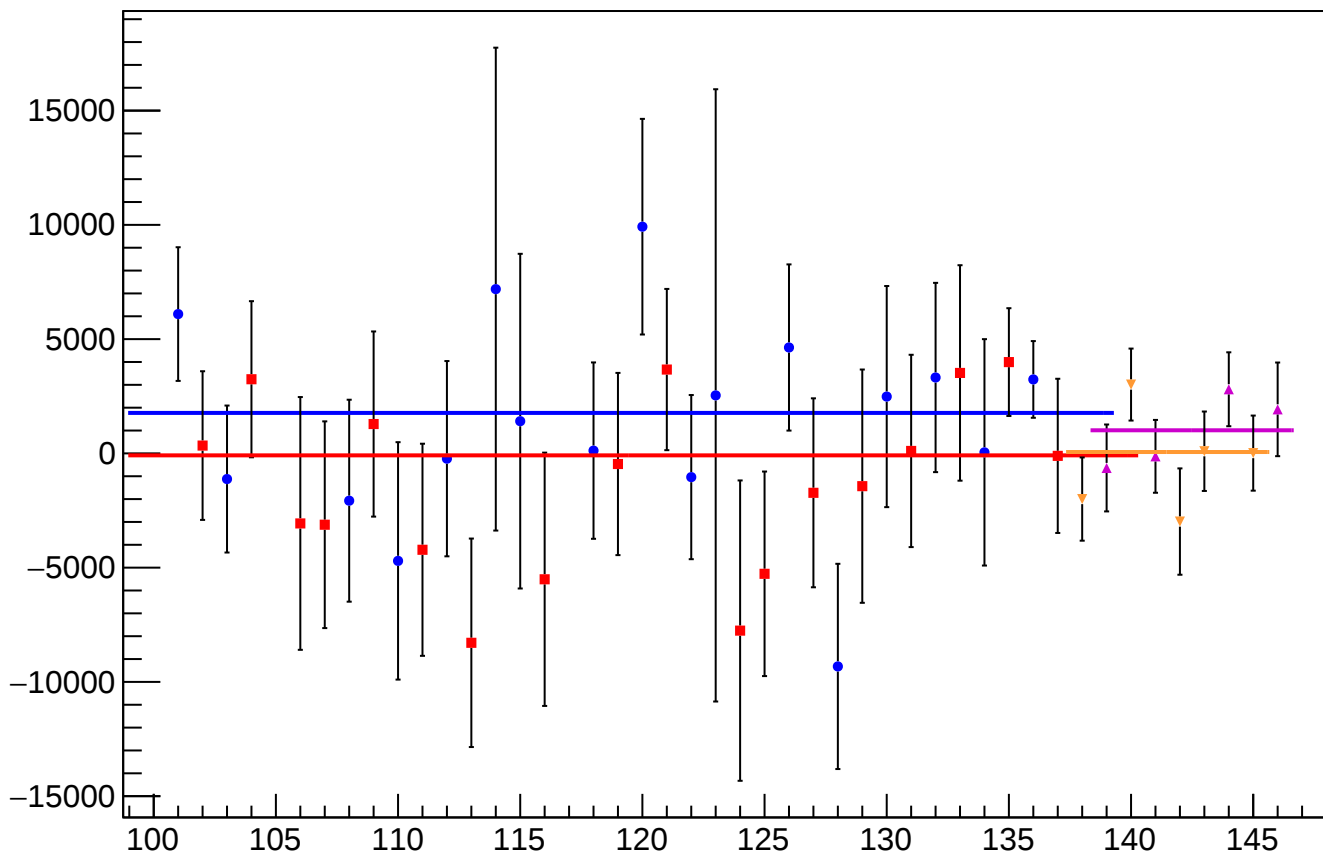
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1946.629 $\pm$ 0.452 χ^2 /NDF:1461735.4/20

Out: 1892.185 $\pm$ 0.432 χ^2 /NDF:1903506.7/22

All: 1918.173 $\pm$ 0.313 χ^2 /NDF: 3372808.5/43

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 60.319+/-792.803 χ^2/NDF : 6.5/4

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 1010.897+/-880.161 χ^2/NDF : 2.7/3

Left: 486.106+/-589.067 χ^2/NDF : 9.8/8

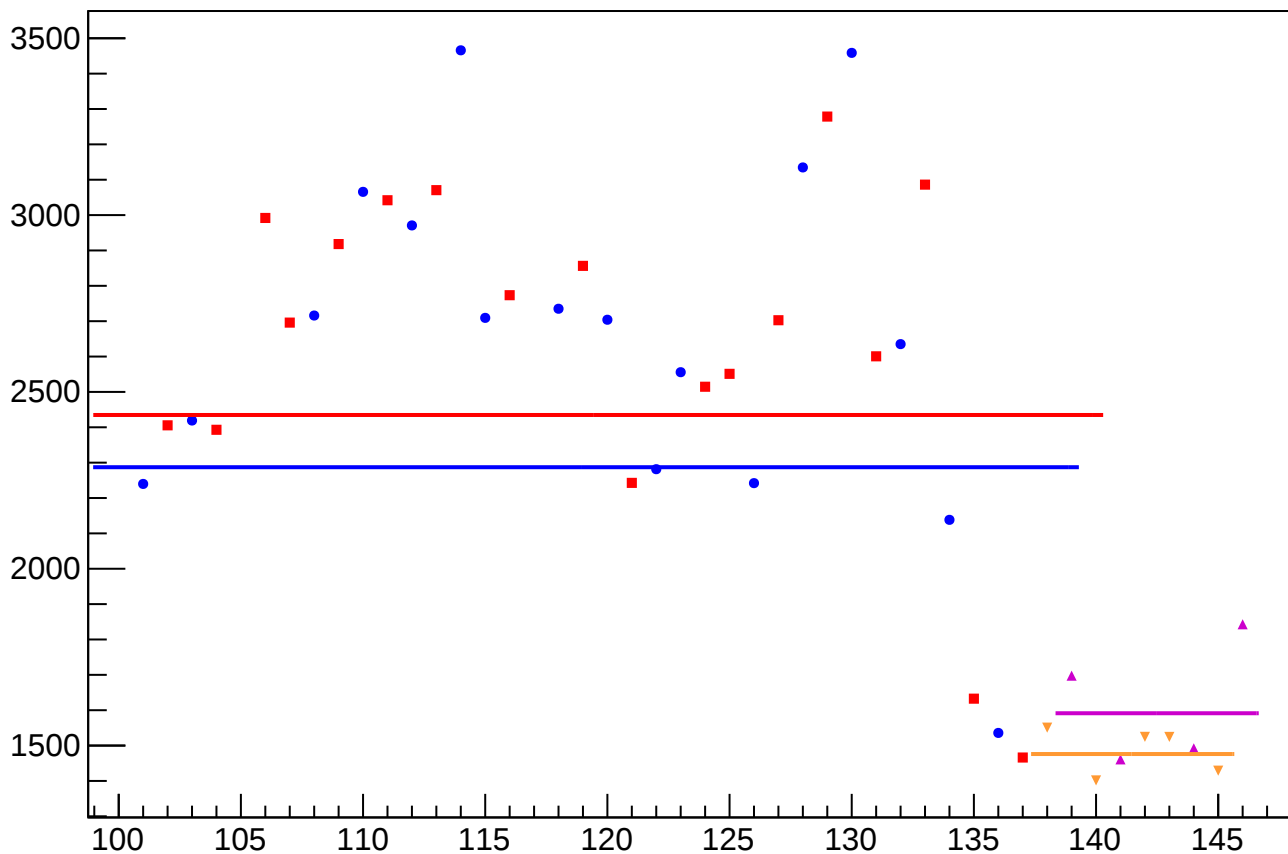
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1377.447+/-633.434 χ^2/NDF : 20.4/20

Out: -0.544+/-605.995 χ^2/NDF : 21.0/22

All: 657.960+/-437.883 χ^2/NDF : 43.8/43

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1476.103 $\pm$ 0.561 χ^2/NDF : 11906.8/4

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1591.427 $\pm$ 0.622 χ^2/NDF : 57313.2/3

Left: 1527.759 $\pm$ 0.417 χ^2/NDF : 88176.0/8

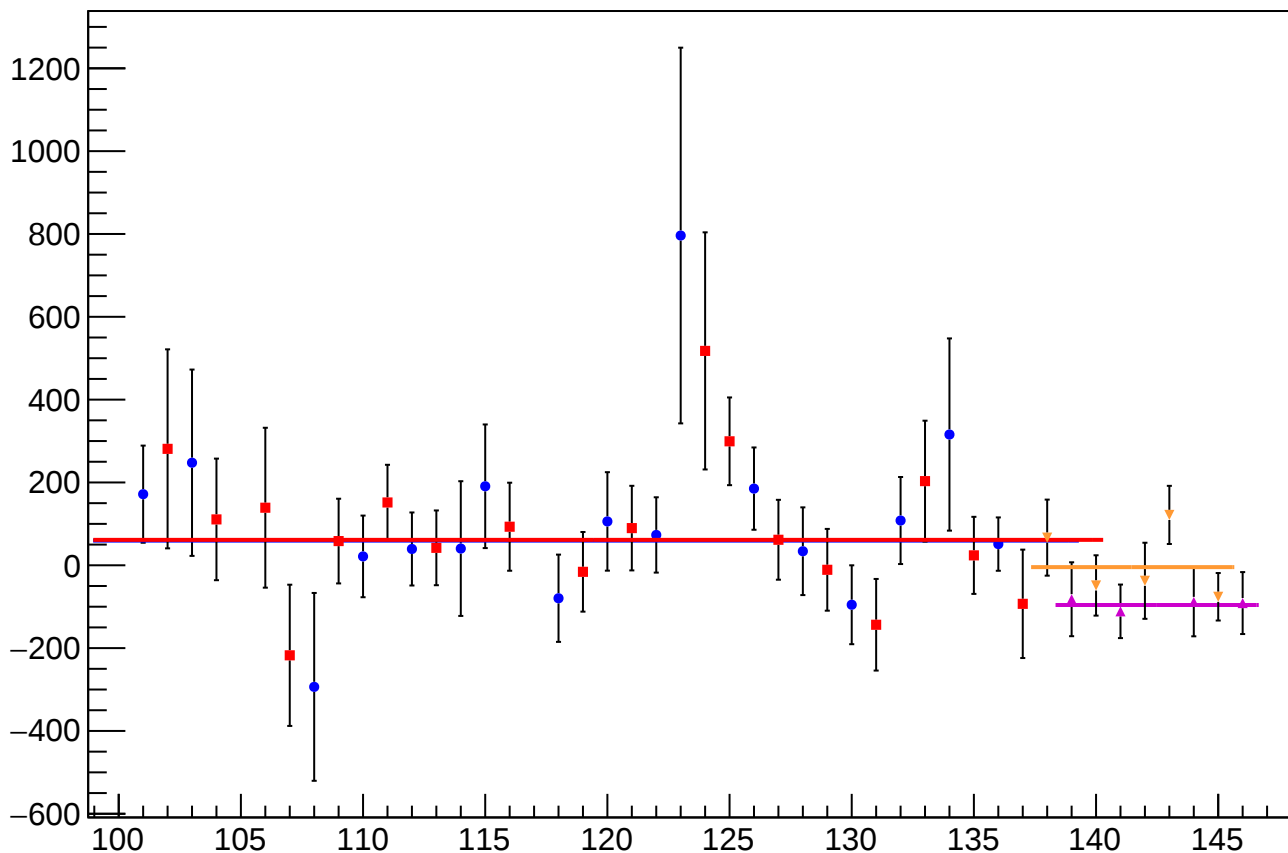
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1926.784 $\pm$ 0.448 χ^2/NDF : 1459022.1/20

Out: 1874.663 $\pm$ 0.429 χ^2/NDF : 1894664.5/22

All: 1899.570 $\pm$ 0.310 χ^2/NDF : 3360756.7/43

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -4.445 $\pm$ 32.743 χ^2 /NDF: 5.9/4

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -95.893 $\pm$ 38.108 χ^2 /NDF: 0.1/3

Left: -43.283 $\pm$ 24.835 χ^2 /NDF: 9.3/8

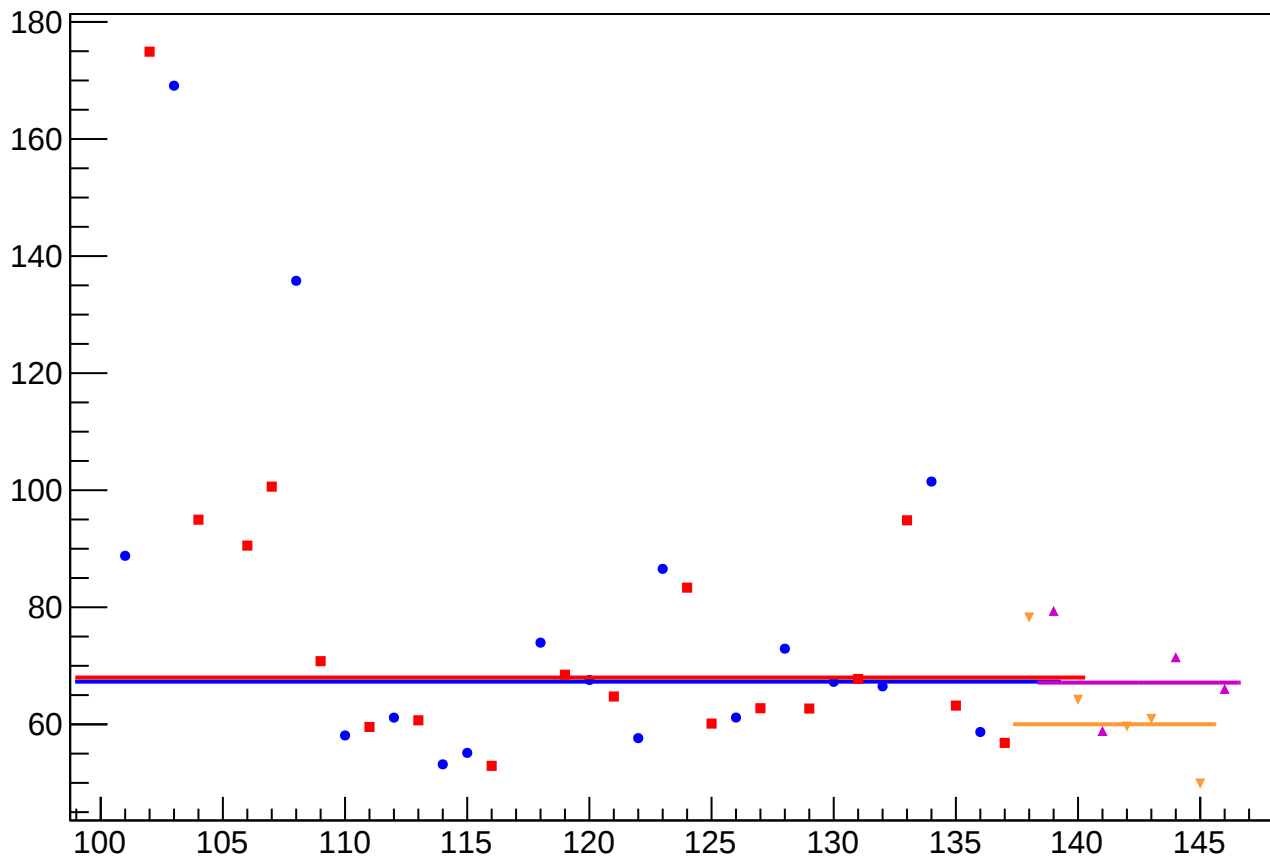
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 7.466 $\pm$ 22.074 χ^2 /NDF: 26.5/20

Out: 34.736 $\pm$ 20.836 χ^2 /NDF: 28.0/22

All: 21.887 $\pm$ 15.152 χ^2 /NDF: 55.3/43

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: 60.021 $\pm$ 0.023 χ^2 /NDF: 148280.0/4

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 67.132 $\pm$ 0.027 χ^2 /NDF: 76248.4/3

Left: 63.041 $\pm$ 0.018 χ^2 /NDF: 264589.0/8

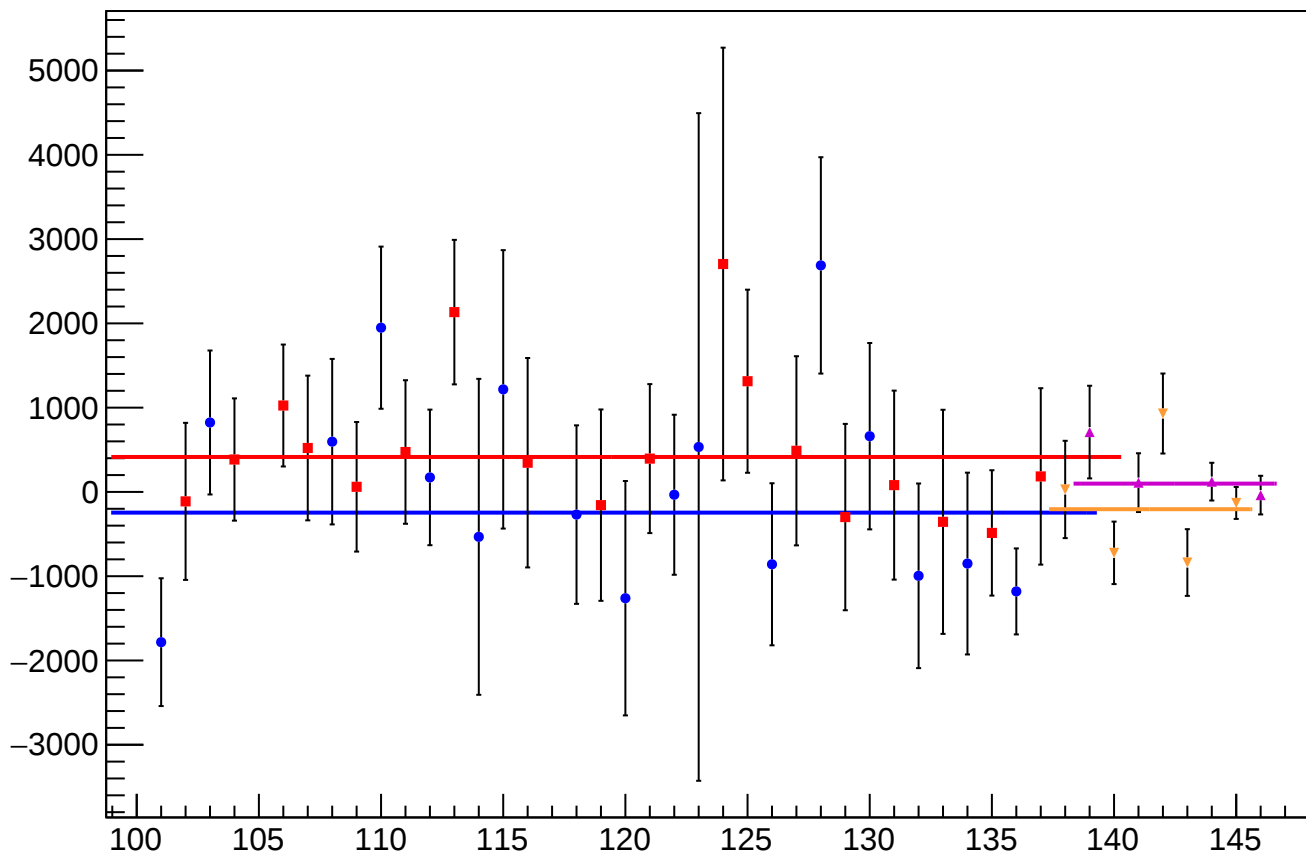
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 67.242 $\pm$ 0.016 χ^2 /NDF: 917625.5/20

Out: 64.768 $\pm$ 0.015 χ^2 /NDF: 973243.7/22

All: 65.934 $\pm$ 0.011 χ^2 /NDF: 1904150.2/43

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -204.956+/-143.044 χ^2/NDF : 10.5/4

Right Out: 414.725+/-222.788 χ^2/NDF : 9.4/17

Left In: 98.466+/-140.703 χ^2/NDF : 1.6/3

Left: -50.742+/-100.309 χ^2/NDF : 14.4/8

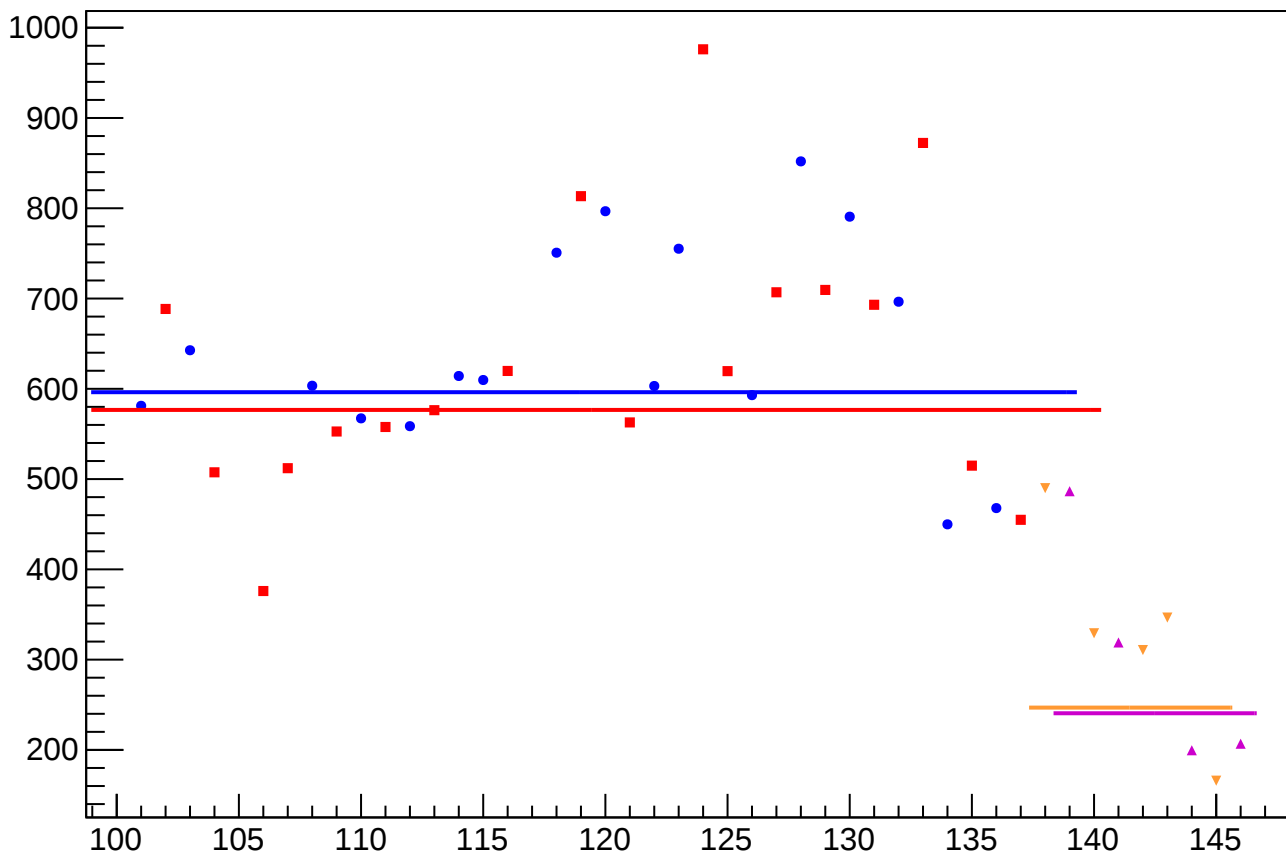
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: 7.893+/-120.774 χ^2/NDF : 26.9/20

Out: -24.067+/-120.369 χ^2/NDF : 25.4/22

All: -8.140+/-85.256 χ^2/NDF : 52.4/43

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 246.869 $\pm$ 0.101 χ^2 /NDF:980304.8/4

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 240.598 $\pm$ 0.099 χ^2 /NDF:612039.0/3

Left: 243.682 $\pm$ 0.071 χ^2 /NDF: 1594297.0/8

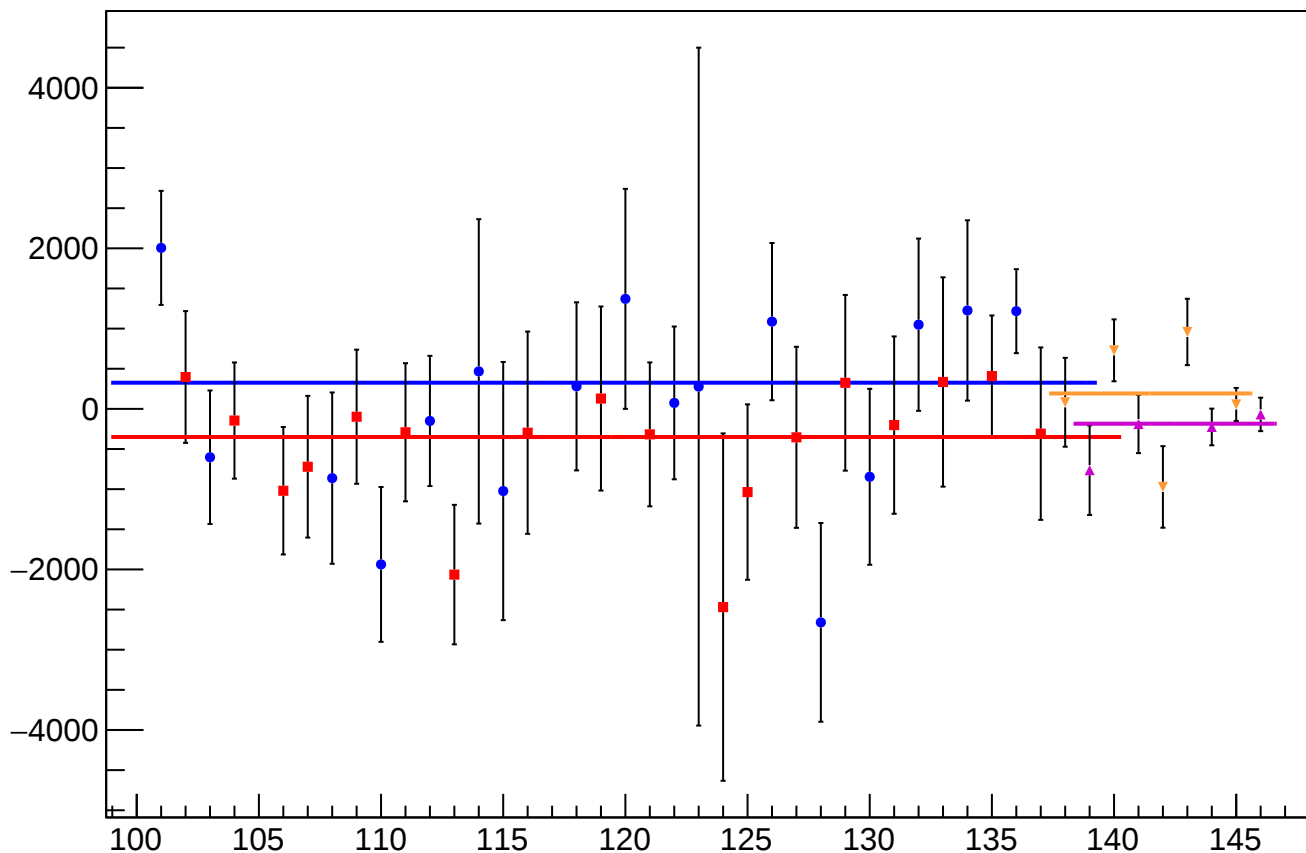
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 334.211 $\pm$ 0.085 χ^2 /NDF:4397604.6/20

Out: 343.124 $\pm$ 0.085 χ^2 /NDF:4656336.9/22

All: 338.682 $\pm$ 0.060 χ^2 /NDF: 9059405.5/43

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 191.943 $\pm$ 151.873 χ^2/NDF : 11.1/4

Right Out: -350.392 $\pm$ 225.254 χ^2/NDF : 9.0/17

Left In: -184.656 $\pm$ 137.297 χ^2/NDF : 1.4/3

Left: -15.290 $\pm$ 101.848 χ^2/NDF : 15.9/8

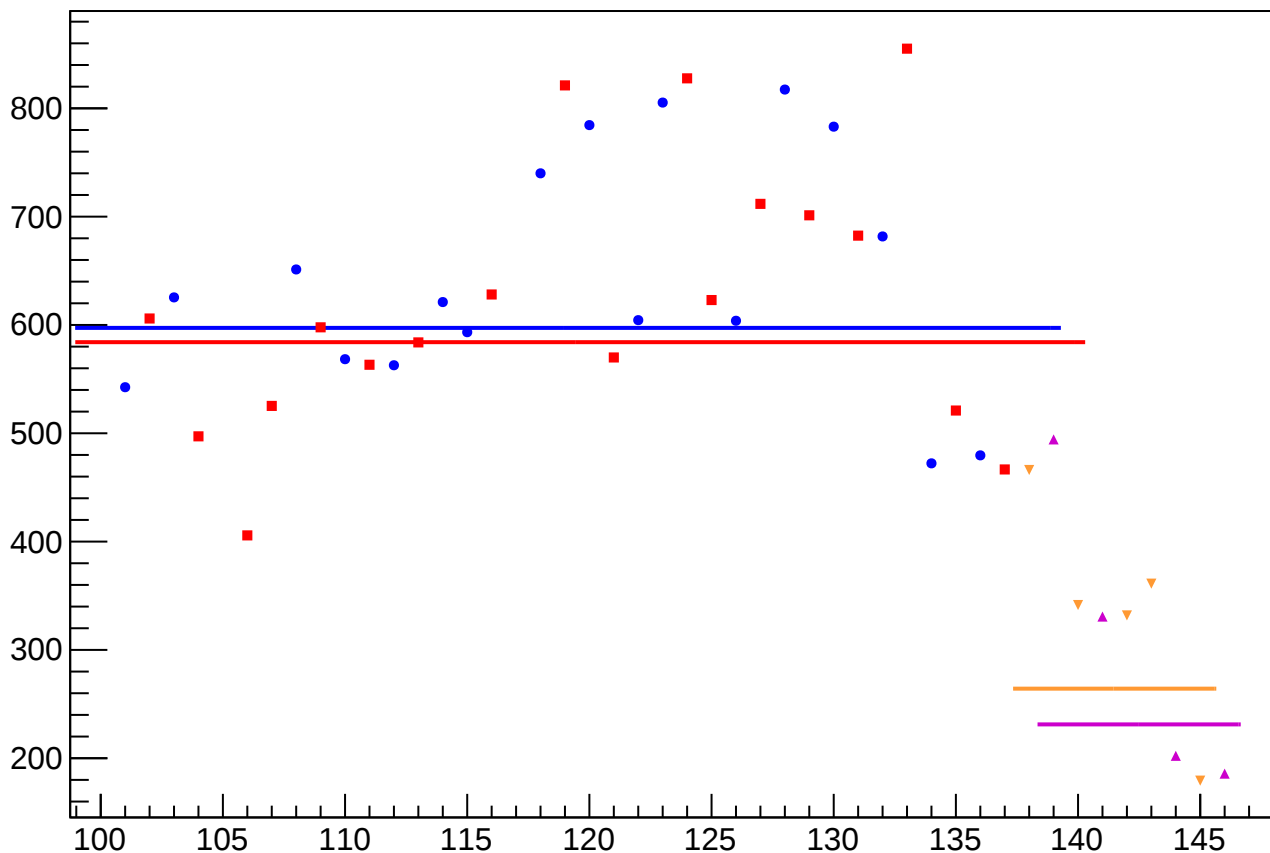
Right: -27.335 $\pm$ 162.813 χ^2/NDF : 40.2/34

In: -55.179 $\pm$ 118.624 χ^2/NDF : 31.8/20

Out: 22.454 $\pm$ 125.925 χ^2/NDF : 24.1/22

All: -18.678 $\pm$ 86.346 χ^2/NDF : 56.1/43

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 ± 0.167 χ^2/NDF : 363658.5/16

Left Out: 264.231 ± 0.107 χ^2/NDF : 832655.0/4

Right Out: 584.112 ± 0.159 χ^2/NDF : 446882.7/17

Left In: 231.234 ± 0.097 χ^2/NDF : 723475.4/3

Left: 246.073 ± 0.072 χ^2/NDF : 1608081.3/8

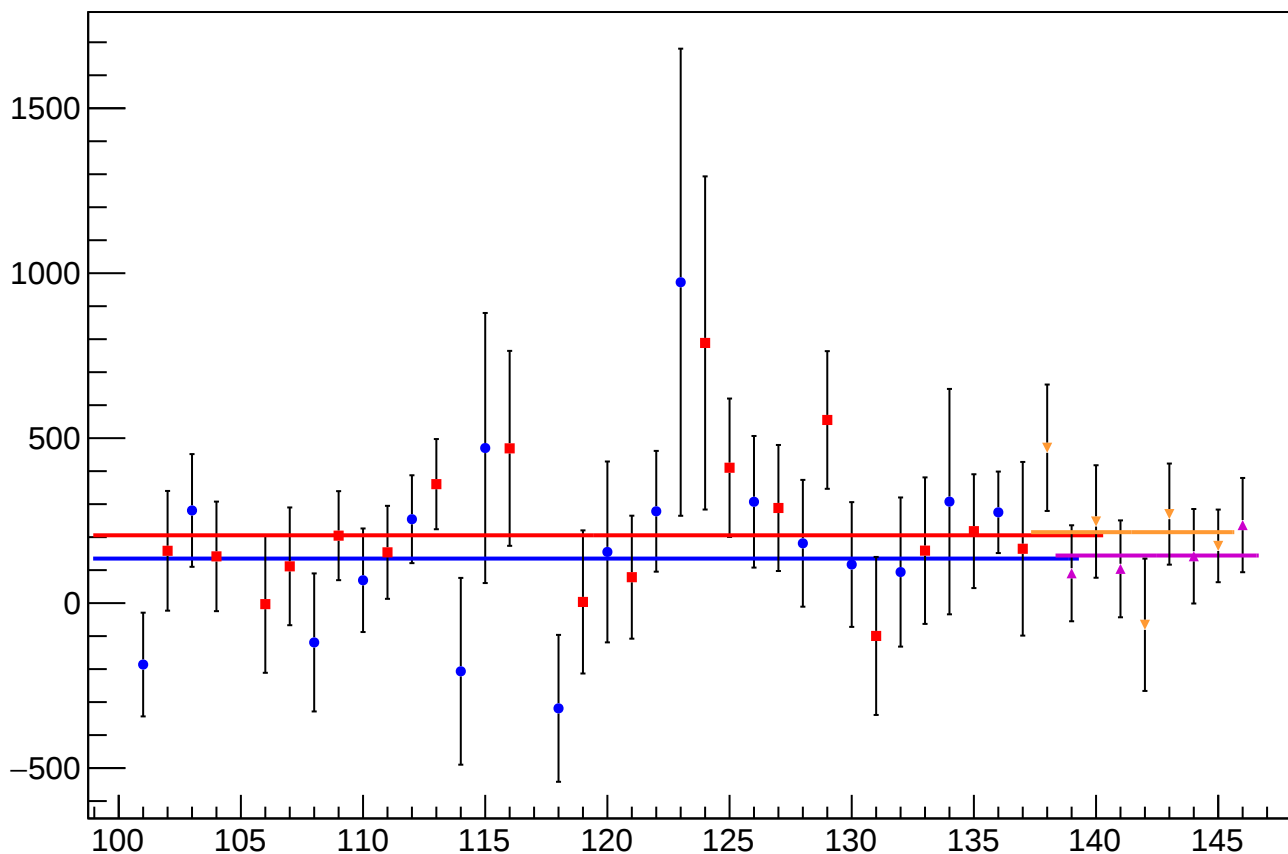
Right: 590.409 ± 0.115 χ^2/NDF : 813814.1/34

In: 324.036 ± 0.084 χ^2/NDF : 4691416.5/20

Out: 364.199 ± 0.089 χ^2/NDF : 4052367.1/22

All: 342.920 ± 0.061 χ^2/NDF : 8851581.8/43

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: 215.061 $\pm$ 68.739 χ^2 /NDF: 4.1/4

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 144.269 $\pm$ 72.289 χ^2 /NDF: 0.6/3

Left: 181.447 $\pm$ 49.814 χ^2 /NDF: 5.2/8

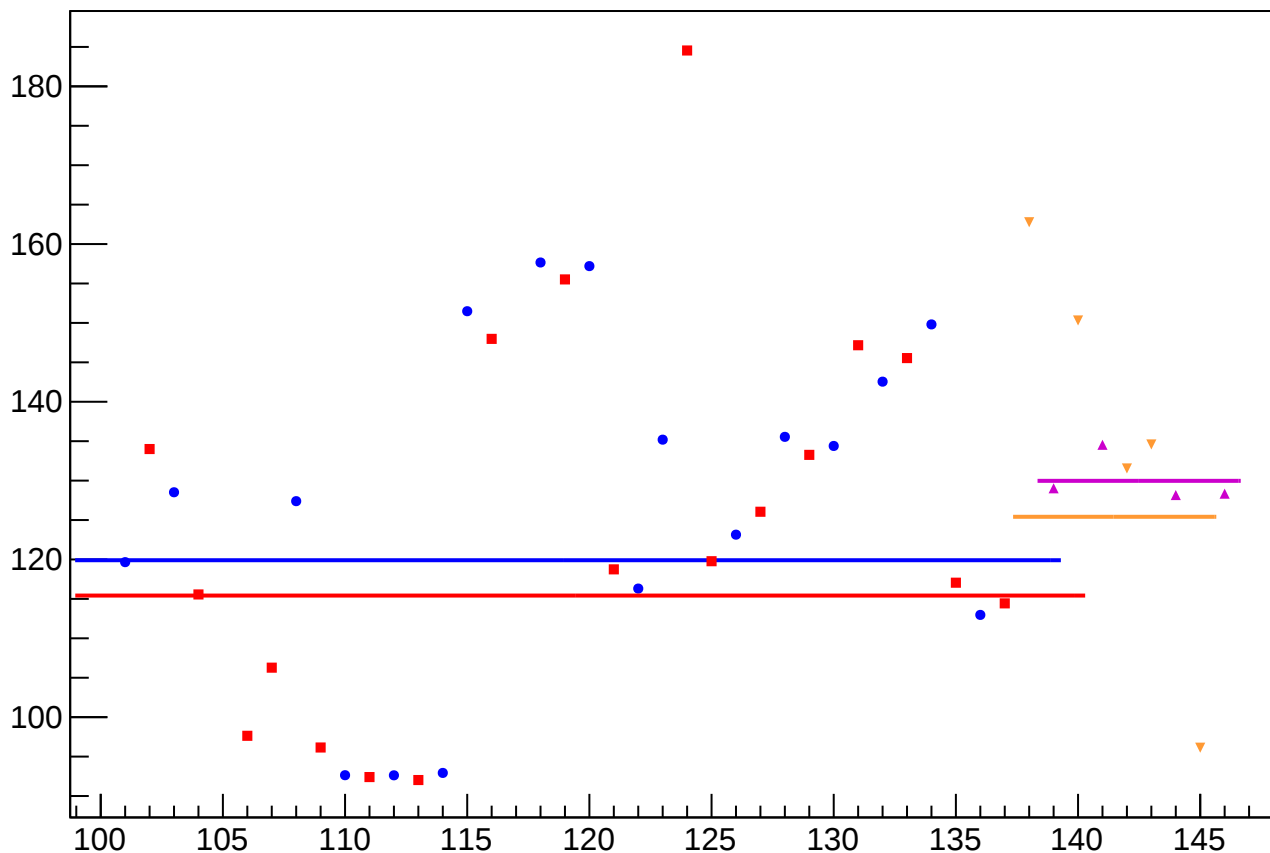
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 137.776 $\pm$ 39.418 χ^2 /NDF: 18.7/20

Out: 208.390 $\pm$ 37.376 χ^2 /NDF: 16.1/22

All: 174.960 $\pm$ 27.122 χ^2 /NDF: 36.5/43

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: 125.412 $\pm$ 0.049 χ^2 /NDF: 269274.3/4

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 129.971 $\pm$ 0.051 χ^2 /NDF: 2599.4/3

Left: 127.577 $\pm$ 0.035 χ^2 /NDF: 276050.7/8

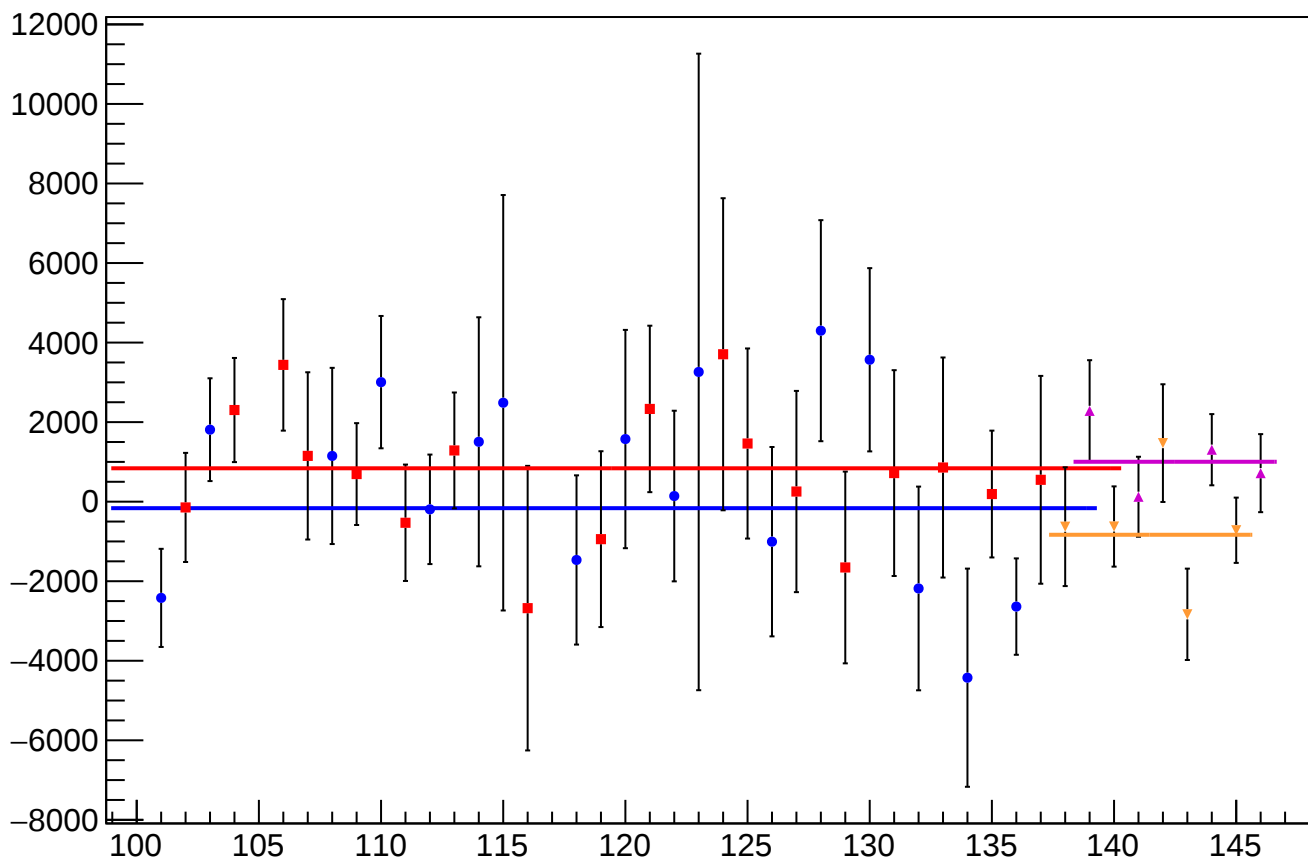
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 122.897 $\pm$ 0.028 χ^2 /NDF: 375366.7/20

Out: 118.376 $\pm$ 0.026 χ^2 /NDF: 717128.9/22

All: 120.516 $\pm$ 0.019 χ^2 /NDF: 1106349.4/43

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: -832.207 $\pm$ 492.031 χ^2 /NDF:5.5/4

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 1003.092 $\pm$ 506.900 χ^2 /NDF:2.0/3

Left: 58.129 $\pm$ 353.058 χ^2 /NDF: 14.3/8

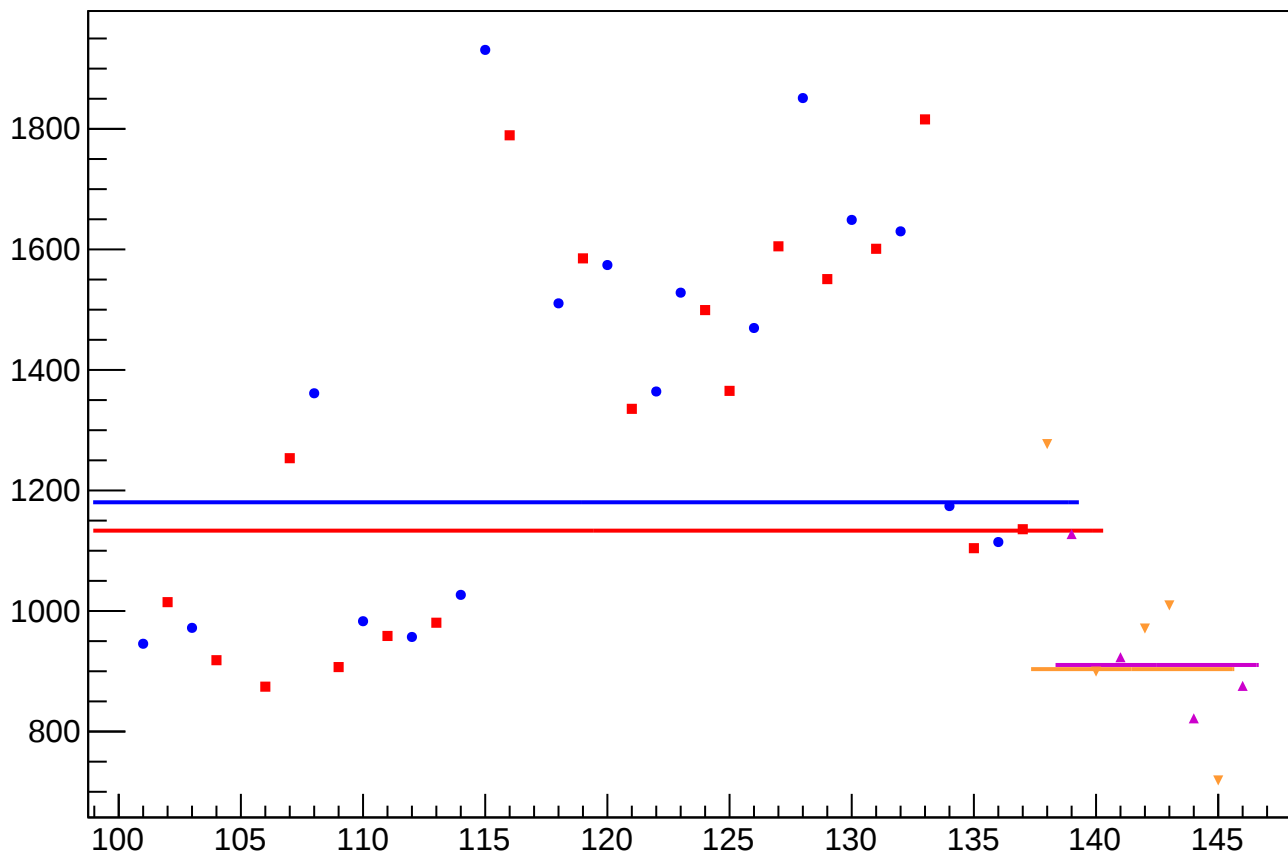
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 375.269 $\pm$ 344.487 χ^2 /NDF:28.5/20

Out: 95.614 $\pm$ 328.182 χ^2 /NDF:21.2/22

All: 228.667 $\pm$ 237.615 χ^2 /NDF: 50.1/43

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: 903.559 $\pm$ 0.348 χ^2 /NDF: 247517.5/4

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 910.443 $\pm$ 0.358 χ^2 /NDF: 80526.4/3

Left: 906.899 $\pm$ 0.250 χ^2 /NDF: 328233.8/8

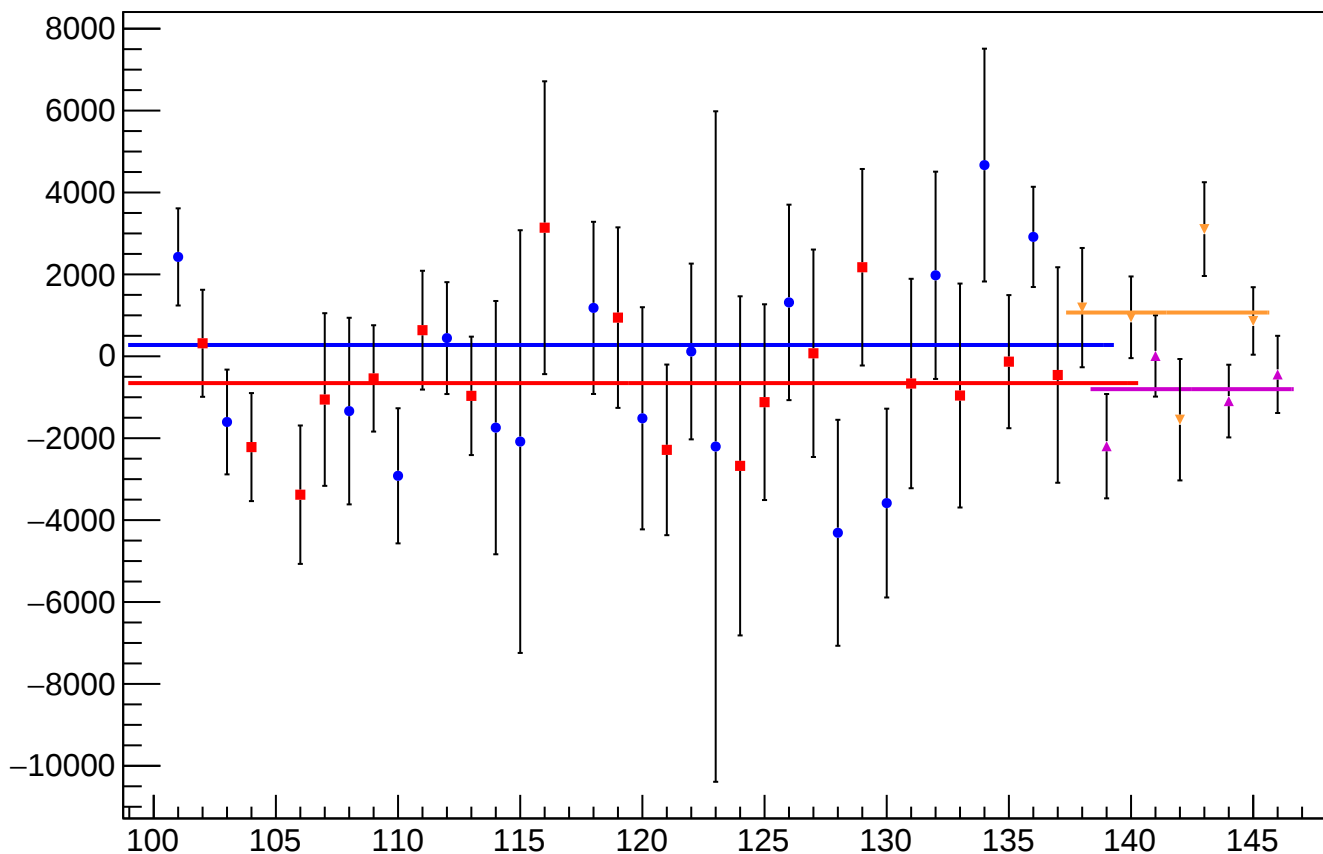
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 1055.722 $\pm$ 0.244 χ^2 /NDF: 1054643.9/20

Out: 1031.119 $\pm$ 0.232 χ^2 /NDF: 1250062.9/22

All: 1042.824 $\pm$ 0.168 χ^2 /NDF: 2310055.0/43

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1068.844+/-489.914 χ^2/NDF :6.4/4

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -802.189+/-498.424 χ^2/NDF :2.1/3

Left: 149.437+/-349.391 χ^2/NDF : 15.6/8

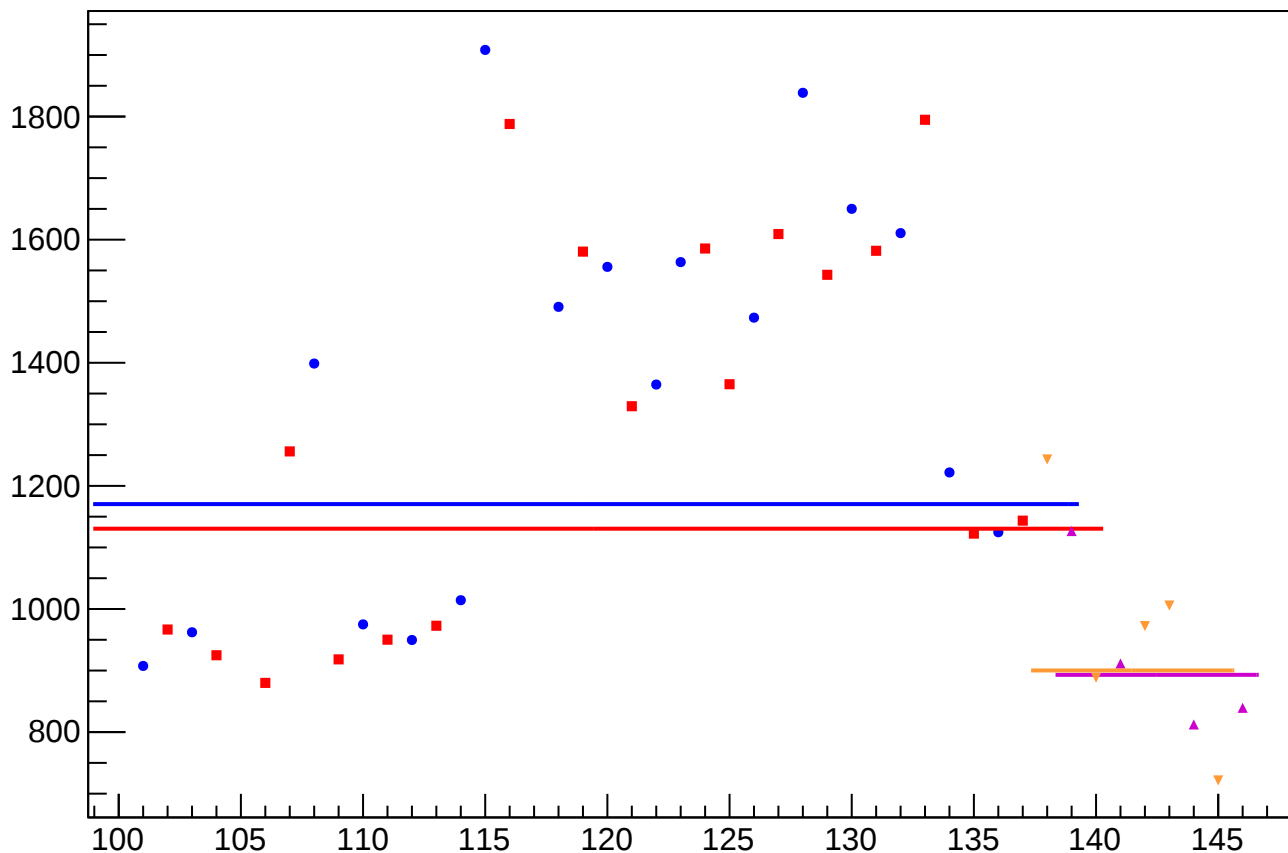
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -227.151+/-340.563 χ^2/NDF :28.9/20

Out: 114.647+/-327.283 χ^2/NDF :22.8/22

All: -49.458+/-235.979 χ^2/NDF : 52.2/43

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 900.152 $\pm$ 0.346 χ^2 /NDF:226685.5/4

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 893.037 $\pm$ 0.352 χ^2 /NDF:90895.5/3

Left: 896.656 $\pm$ 0.247 χ^2 /NDF: 317788.2/8

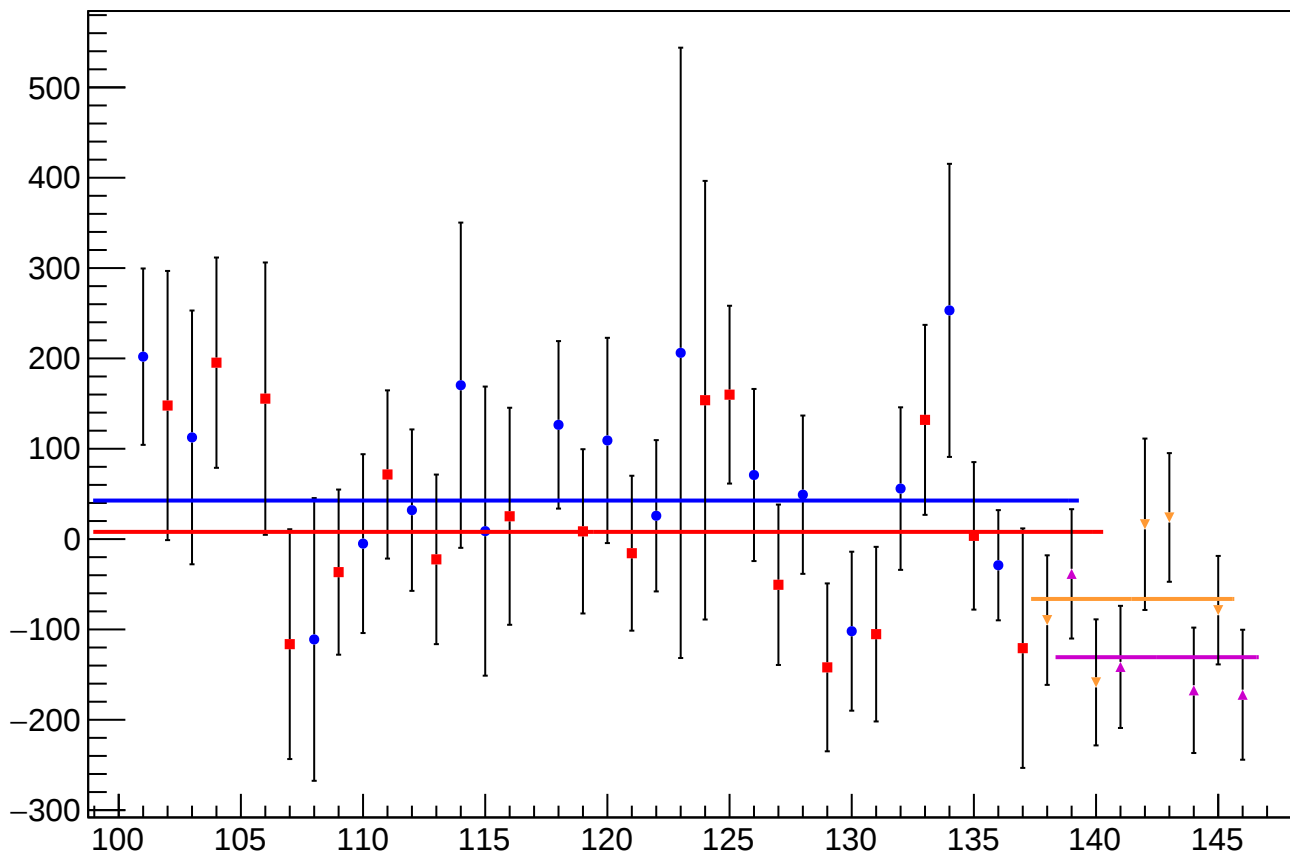
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1040.910 $\pm$ 0.241 χ^2 /NDF:1126579.7/20

Out: 1027.676 $\pm$ 0.231 χ^2 /NDF:1234442.5/22

All: 1034.030 $\pm$ 0.167 χ^2 /NDF: 2362592.2/43

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: -66.238 ± 31.853 $\chi^2/\text{NDF}: 4.3/4$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -130.713 ± 35.032 $\chi^2/\text{NDF}: 2.3/3$

Left: -95.418 ± 23.568 $\chi^2/\text{NDF}: 8.4/8$

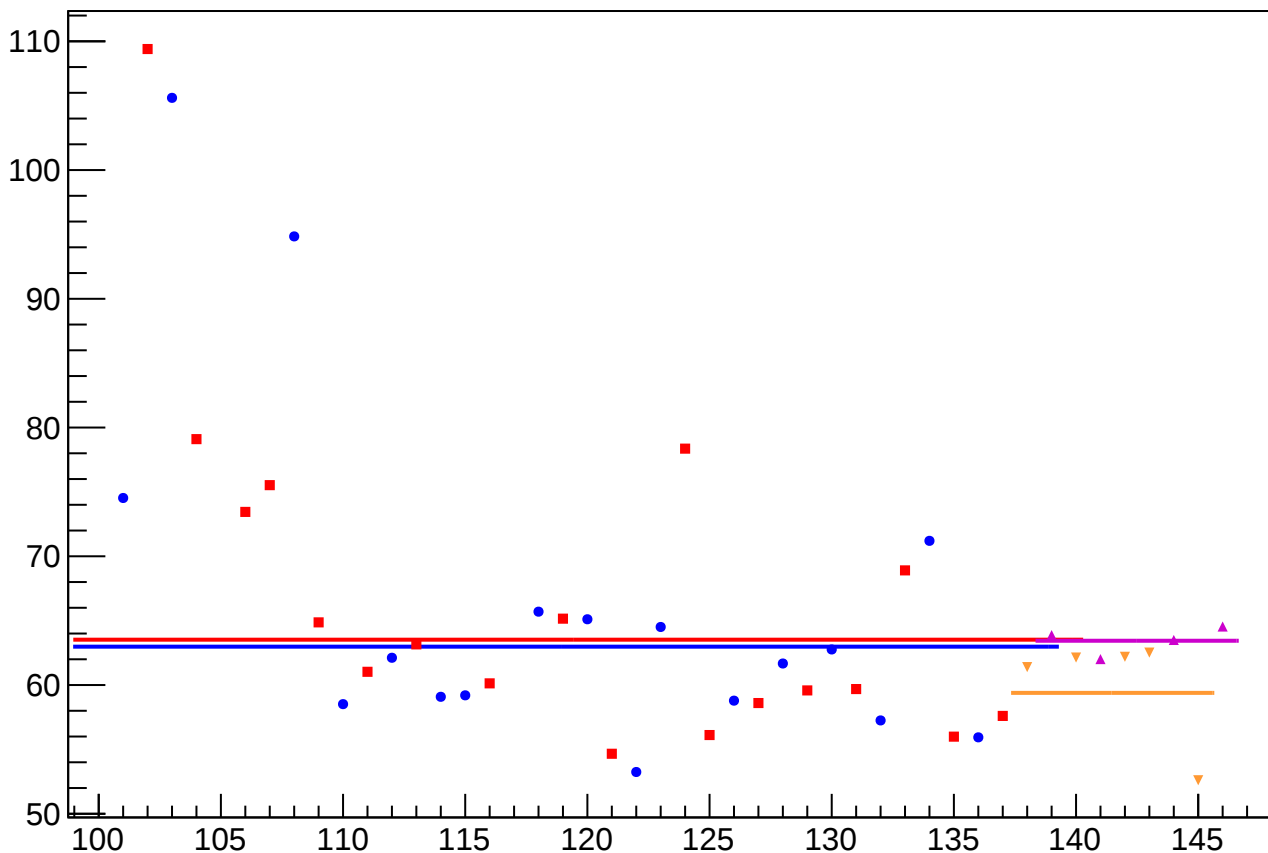
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -14.902 ± 20.187 $\chi^2/\text{NDF}: 30.6/20$

Out: -19.586 ± 19.416 $\chi^2/\text{NDF}: 23.5/22$

All: -17.335 ± 13.994 $\chi^2/\text{NDF}: 54.1/43$

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: 59.390 $\pm$ 0.023 χ^2 /NDF:35809.0/4

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 63.440 $\pm$ 0.025 χ^2 /NDF:1437.7/3

Left: 61.223 $\pm$ 0.017 χ^2 /NDF: 51873.5/8

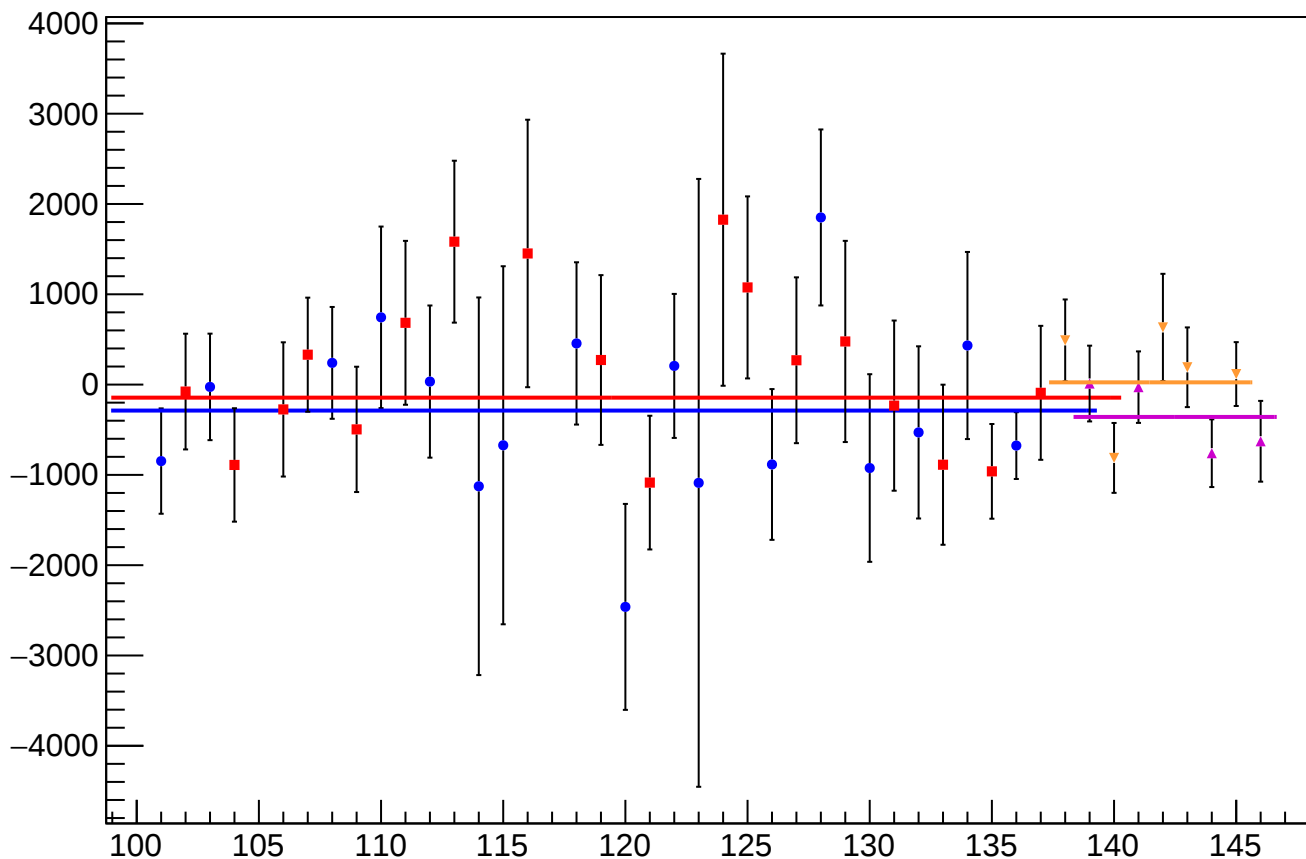
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.133 $\pm$ 0.014 χ^2 /NDF:376930.9/20

Out: 61.987 $\pm$ 0.014 χ^2 /NDF:392387.1/22

All: 62.538 $\pm$ 0.010 χ^2 /NDF: 772664.1/43

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 24.802 ± 190.592 $\chi^2/\text{NDF}: 7.0/4$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -358.195 ± 203.389 $\chi^2/\text{NDF}: 3.0/3$

Left: -154.269 ± 139.073 $\chi^2/\text{NDF}: 11.9/8$

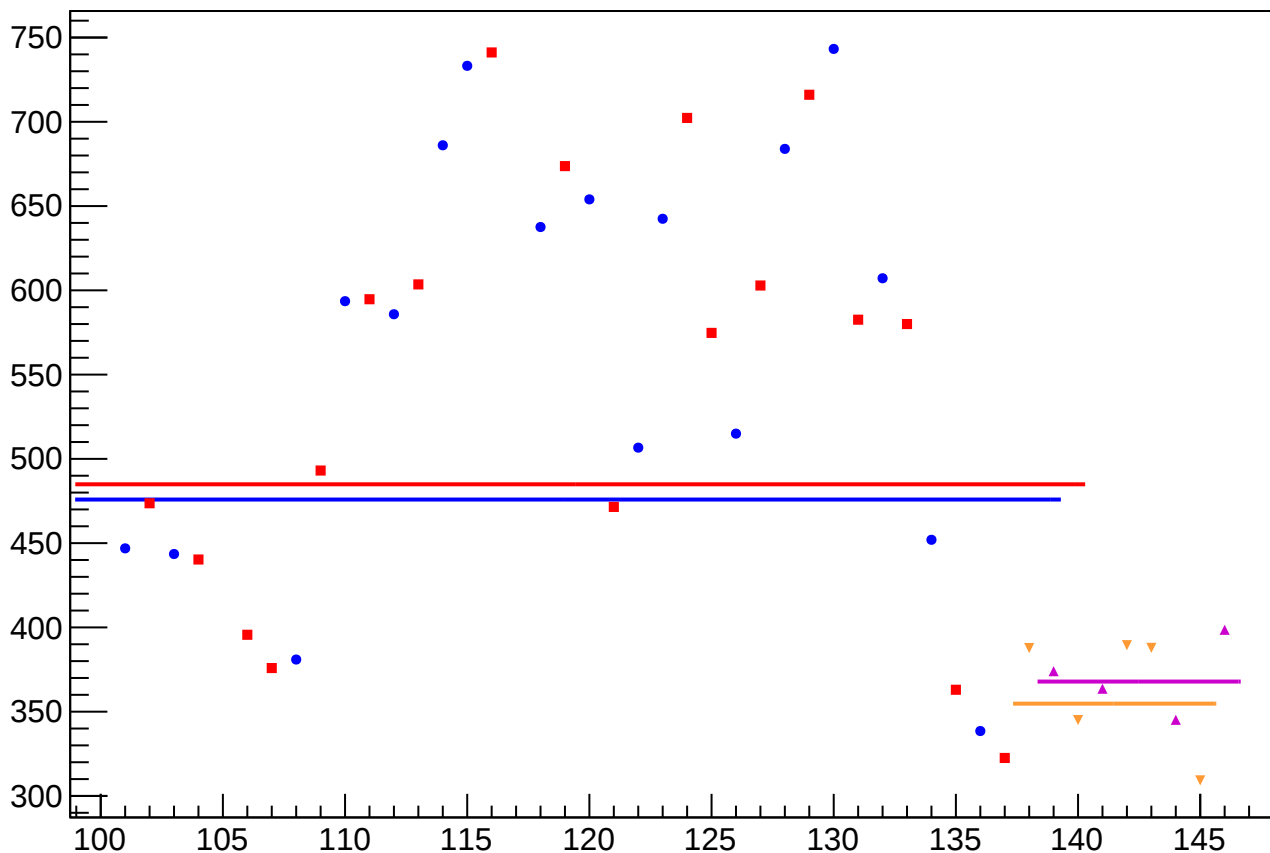
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -320.521 ± 138.799 $\chi^2/\text{NDF}: 18.4/20$

Out: -61.171 ± 133.762 $\chi^2/\text{NDF}: 23.5/22$

All: -186.055 ± 96.316 $\chi^2/\text{NDF}: 43.7/43$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 354.766 $\pm$ 0.135 χ^2 /NDF: 63154.2/4

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 367.868 $\pm$ 0.144 χ^2 /NDF: 17422.2/3

Left: 360.892 $\pm$ 0.098 χ^2 /NDF: 84995.4/8

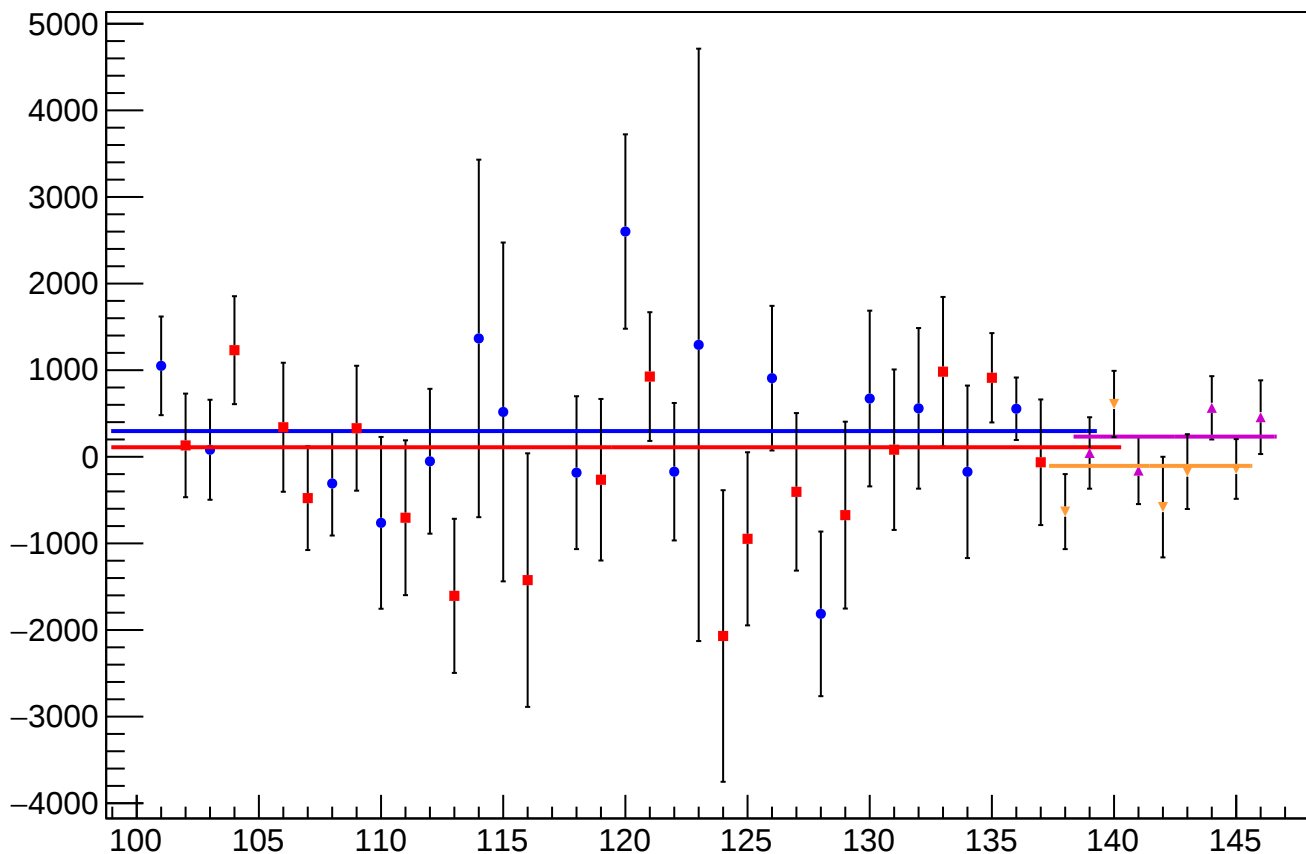
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 425.573 $\pm$ 0.098 χ^2 /NDF: 1156545.3/20

Out: 420.808 $\pm$ 0.095 χ^2 /NDF: 1252705.4/22

All: 423.103 $\pm$ 0.068 χ^2 /NDF: 2410472.5/43

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: -104.907 $\pm$ 186.002 χ^2 /NDF: 5.7/4

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 233.050 $\pm$ 197.773 χ^2 /NDF: 2.3/3

Left: 53.715 $\pm$ 135.494 χ^2 /NDF: 9.6/8

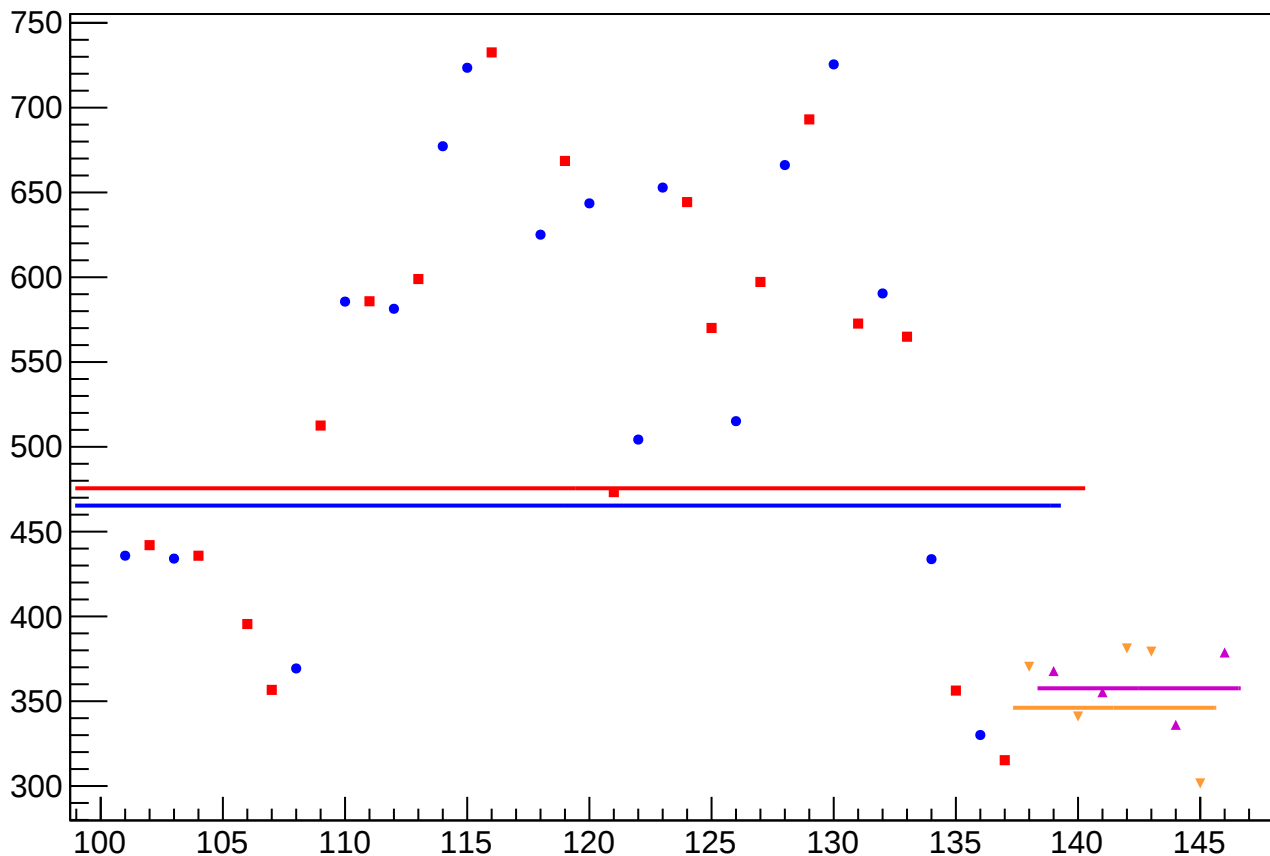
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 266.980 $\pm$ 135.483 χ^2 /NDF: 18.3/20

Out: 3.547 $\pm$ 130.953 χ^2 /NDF: 24.9/22

All: 130.786 $\pm$ 94.159 χ^2 /NDF: 45.1/43

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: 346.133 $\pm$ 0.132 χ^2/NDF :59081.2/4

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 357.617 $\pm$ 0.140 χ^2/NDF :13154.8/3

Left: 351.523 $\pm$ 0.096 χ^2/NDF : 75814.6/8

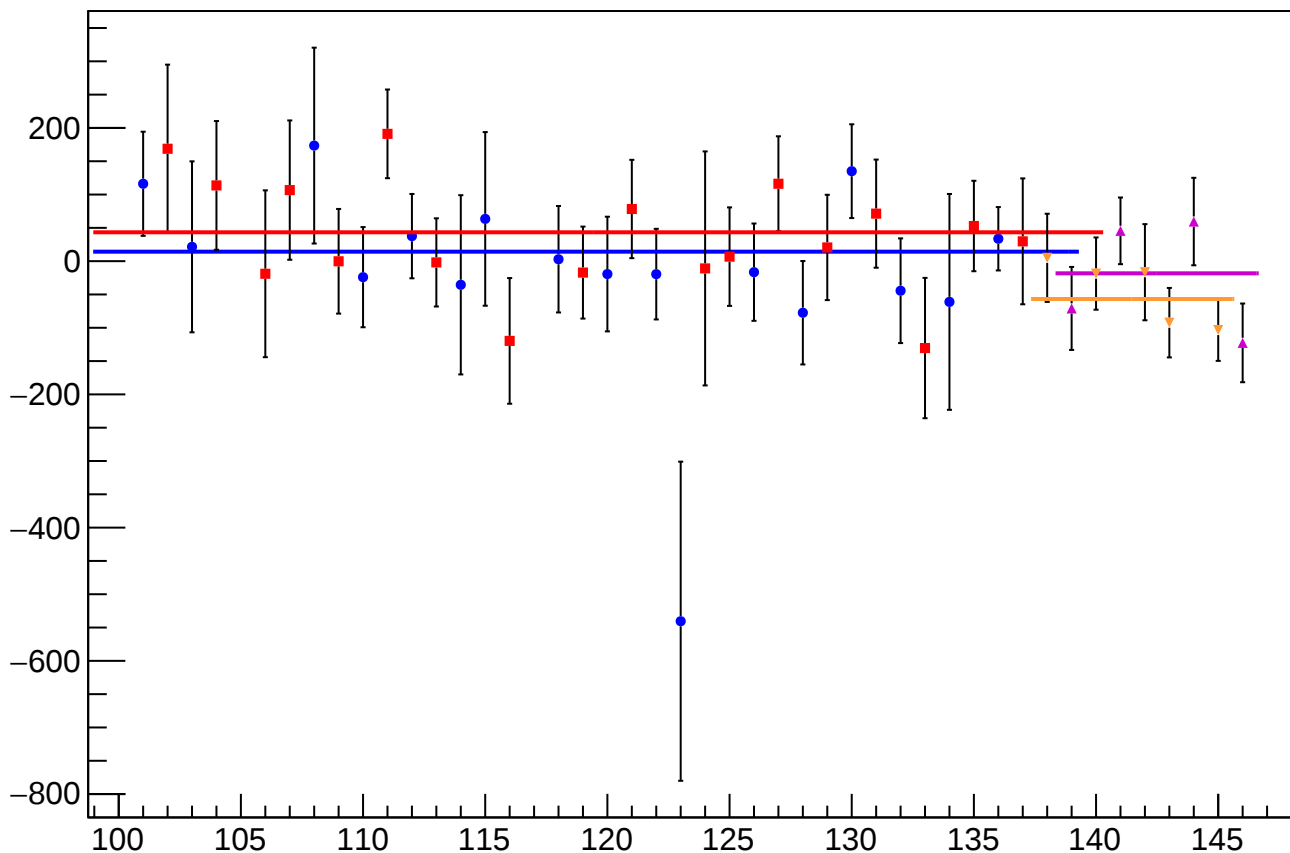
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 414.796 $\pm$ 0.096 χ^2/NDF :1188564.6/20

Out: 411.406 $\pm$ 0.093 χ^2/NDF :1288302.3/22

All: 413.043 $\pm$ 0.067 χ^2/NDF : 2477514.3/43

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: -56.772 $\pm$ 25.046 χ^2/NDF : 3.2/4

Right Out: 43.336 $\pm$ 19.650 χ^2/NDF : 16.2/17

Left In: -18.255 $\pm$ 29.165 χ^2/NDF : 6.9/3

Left: -40.424 $\pm$ 19.001 χ^2/NDF : 11.0/8

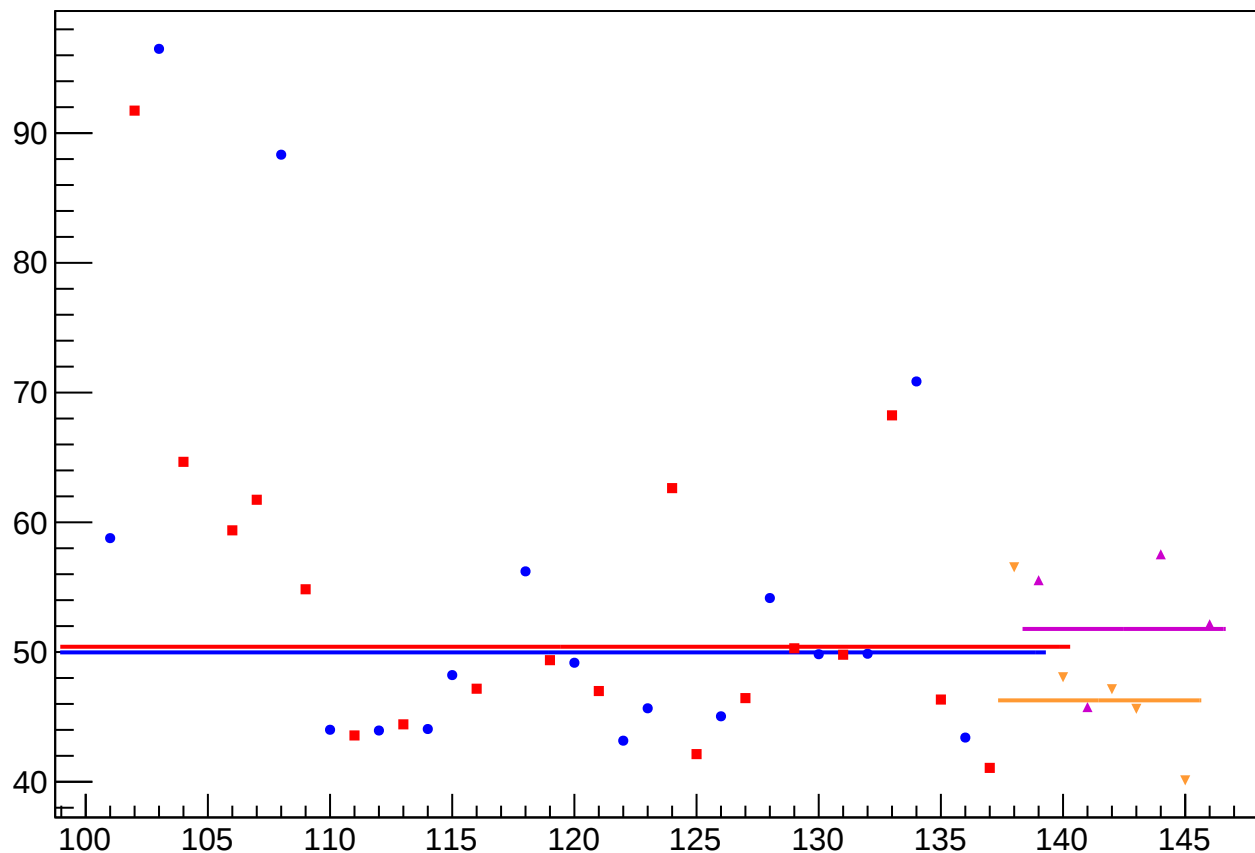
Right: 28.954 $\pm$ 13.971 χ^2/NDF : 32.0/34

In: 3.950 $\pm$ 16.419 χ^2/NDF : 22.5/20

Out: 5.194 $\pm$ 15.460 χ^2/NDF : 29.2/22

All: 4.610 $\pm$ 11.256 χ^2/NDF : 51.7/43

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: 46.275+/-0.018 χ^2/NDF : 86271.6/4

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 51.781+/-0.021 χ^2/NDF : 51691.1/3

Left: 48.612+/-0.013 χ^2/NDF : 178989.3/8

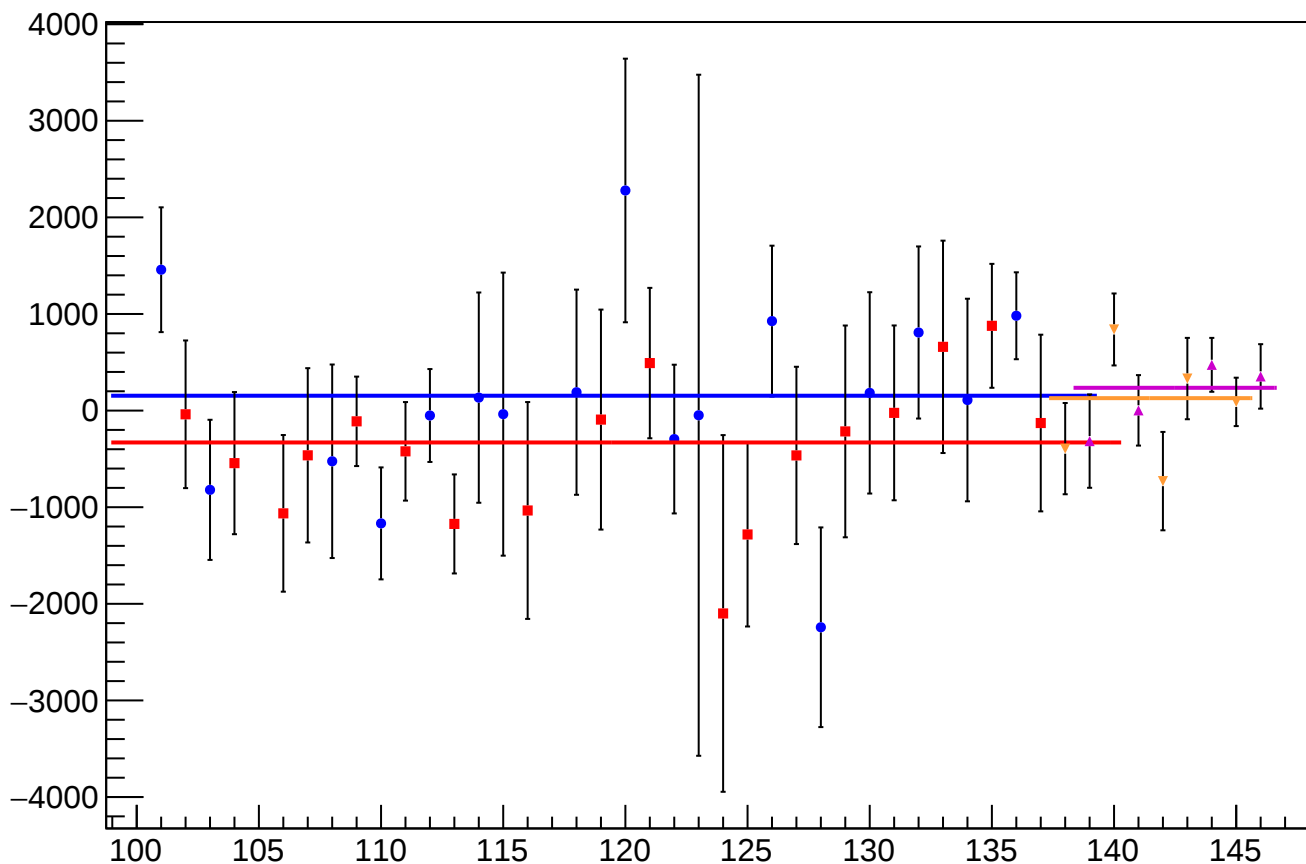
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 50.546+/-0.012 χ^2/NDF : 635692.4/20

Out: 48.833+/-0.011 χ^2/NDF : 587461.2/22

All: 49.638+/-0.008 χ^2/NDF : 1234690.4/43

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: 128.732 $\pm$ 164.119 χ^2 /NDF:8.0/4

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 235.867 $\pm$ 172.418 χ^2 /NDF:2.6/3

Left: 179.659 $\pm$ 118.875 χ^2 /NDF: 10.7/8

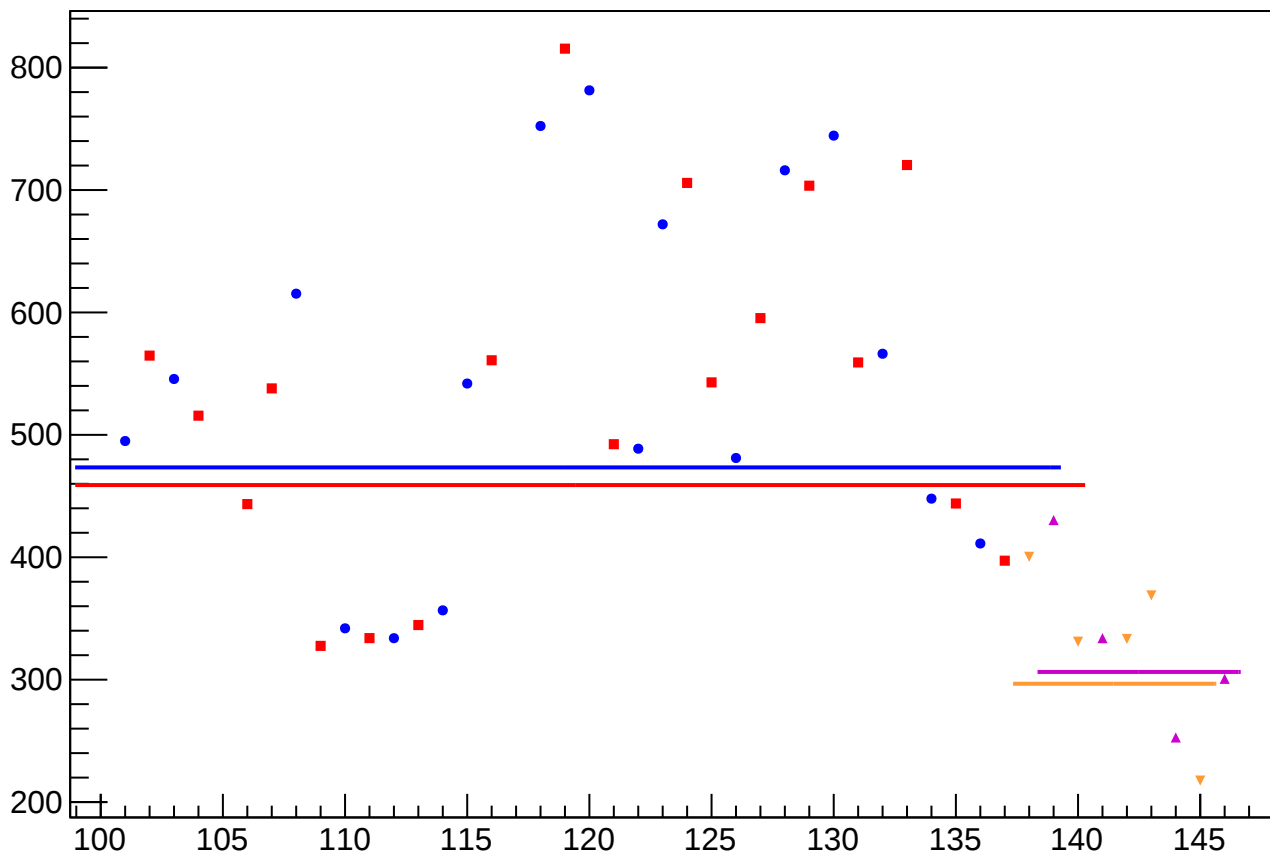
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 198.817 $\pm$ 127.671 χ^2 /NDF:27.5/20

Out: -79.747 $\pm$ 121.213 χ^2 /NDF:23.6/22

All: 52.312 $\pm$ 87.905 χ^2 /NDF: 53.5/43

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: 296.677 $\pm$ 0.116 χ^2 /NDF:382042.7/4

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 306.307 $\pm$ 0.122 χ^2 /NDF:217550.2/3

Left: 301.254 $\pm$ 0.084 χ^2 /NDF: 602866.1/8

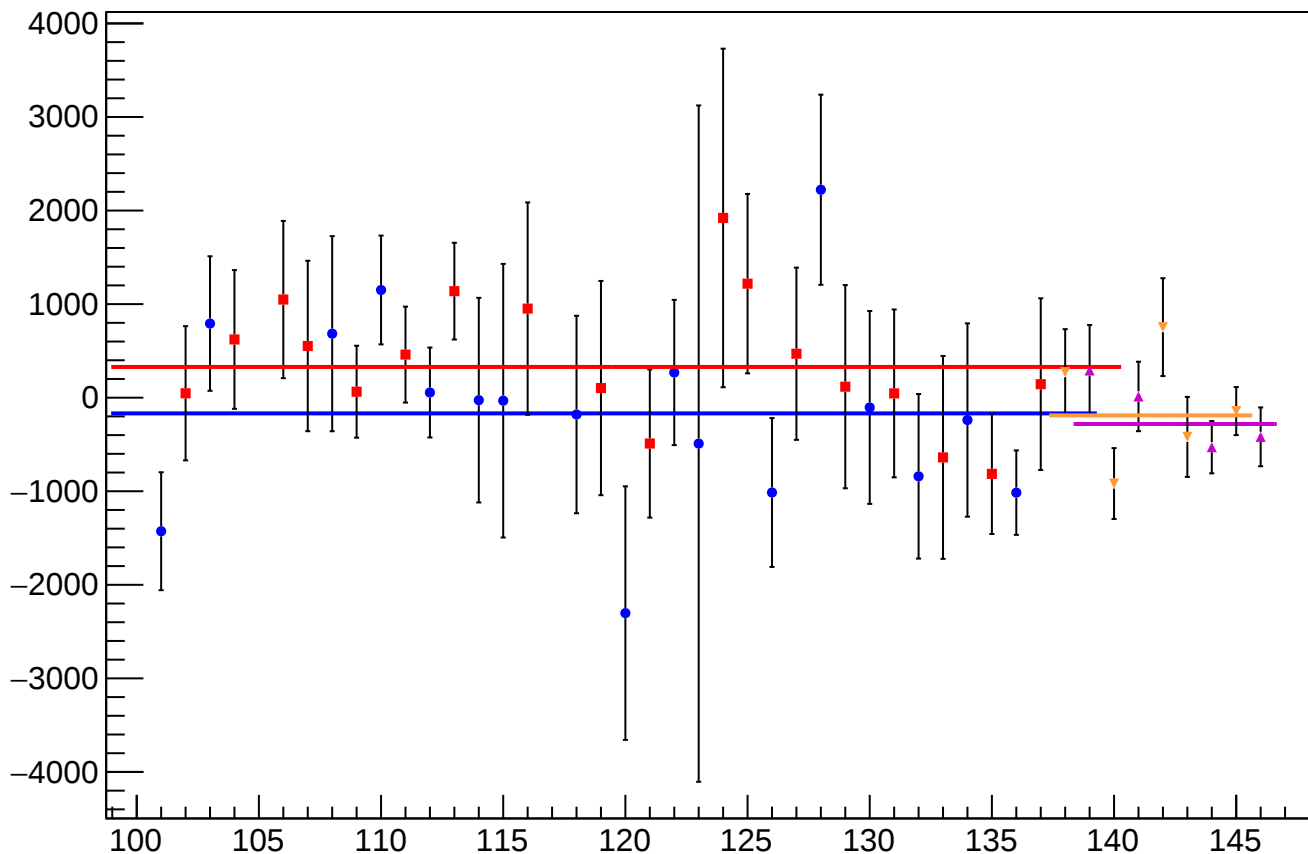
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 381.785 $\pm$ 0.090 χ^2 /NDF:1981001.0/20

Out: 370.450 $\pm$ 0.086 χ^2 /NDF:2277416.2/22

All: 375.824 $\pm$ 0.062 χ^2 /NDF: 4266709.1/43

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: -189.096 ± 166.707 $\chi^2/\text{NDF}: 8.3/4$

Right Out: 328.598 ± 181.559 $\chi^2/\text{NDF}: 11.1/17$

Left In: -281.277 ± 170.430 $\chi^2/\text{NDF}: 3.0/3$

Left: -234.168 ± 119.174 $\chi^2/\text{NDF}: 11.4/8$

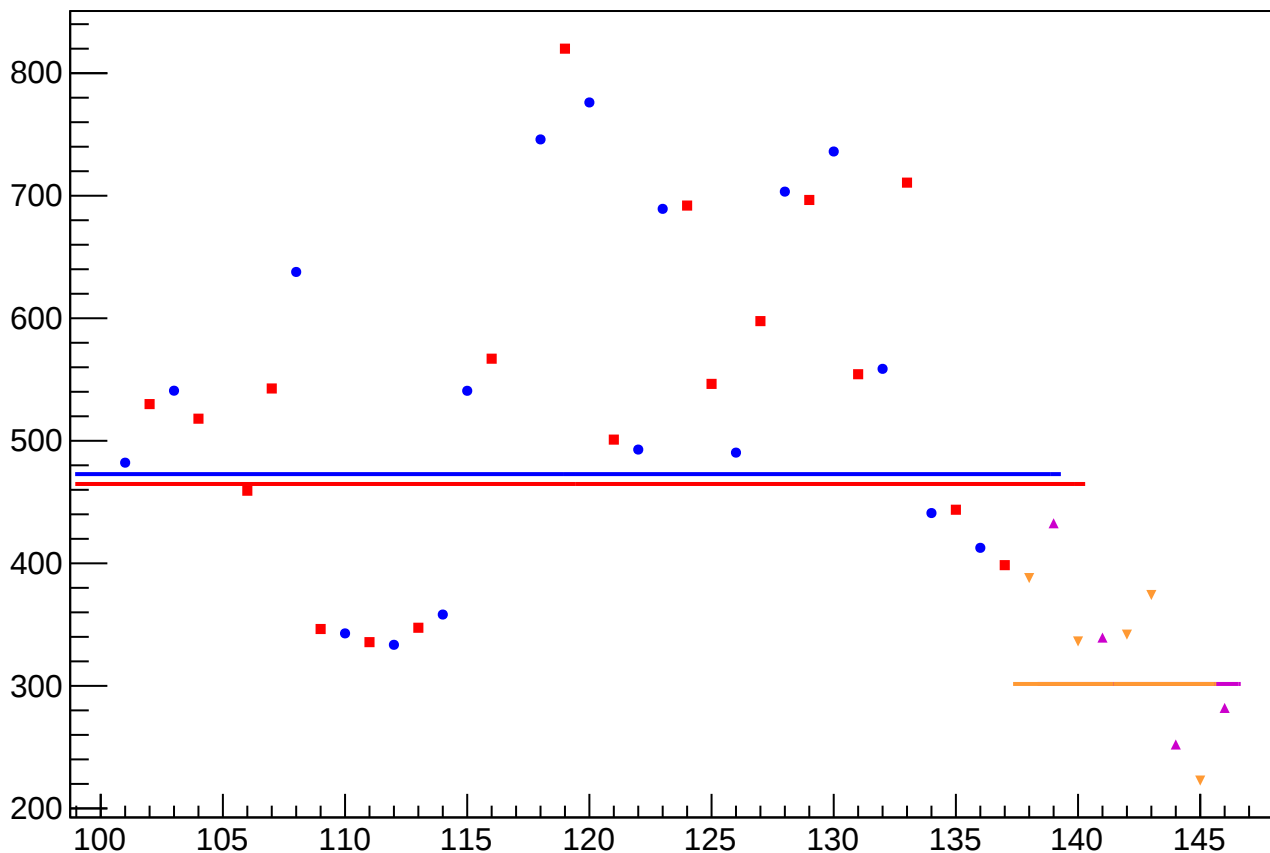
Right: 91.236 ± 131.185 $\chi^2/\text{NDF}: 40.1/34$

In: -230.721 ± 126.797 $\chi^2/\text{NDF}: 28.6/20$

Out: 47.714 ± 122.795 $\chi^2/\text{NDF}: 23.8/22$

All: -87.041 ± 88.210 $\chi^2/\text{NDF}: 54.9/43$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 301.562+/-0.118 χ^2/NDF :345397.0/4

Right Out: 464.761+/-0.128 χ^2/NDF : 914781.1/17

Left In: 301.563+/-0.121 χ^2/NDF :236845.3/3

Left: 301.563+/-0.084 χ^2/NDF : 582242.3/8

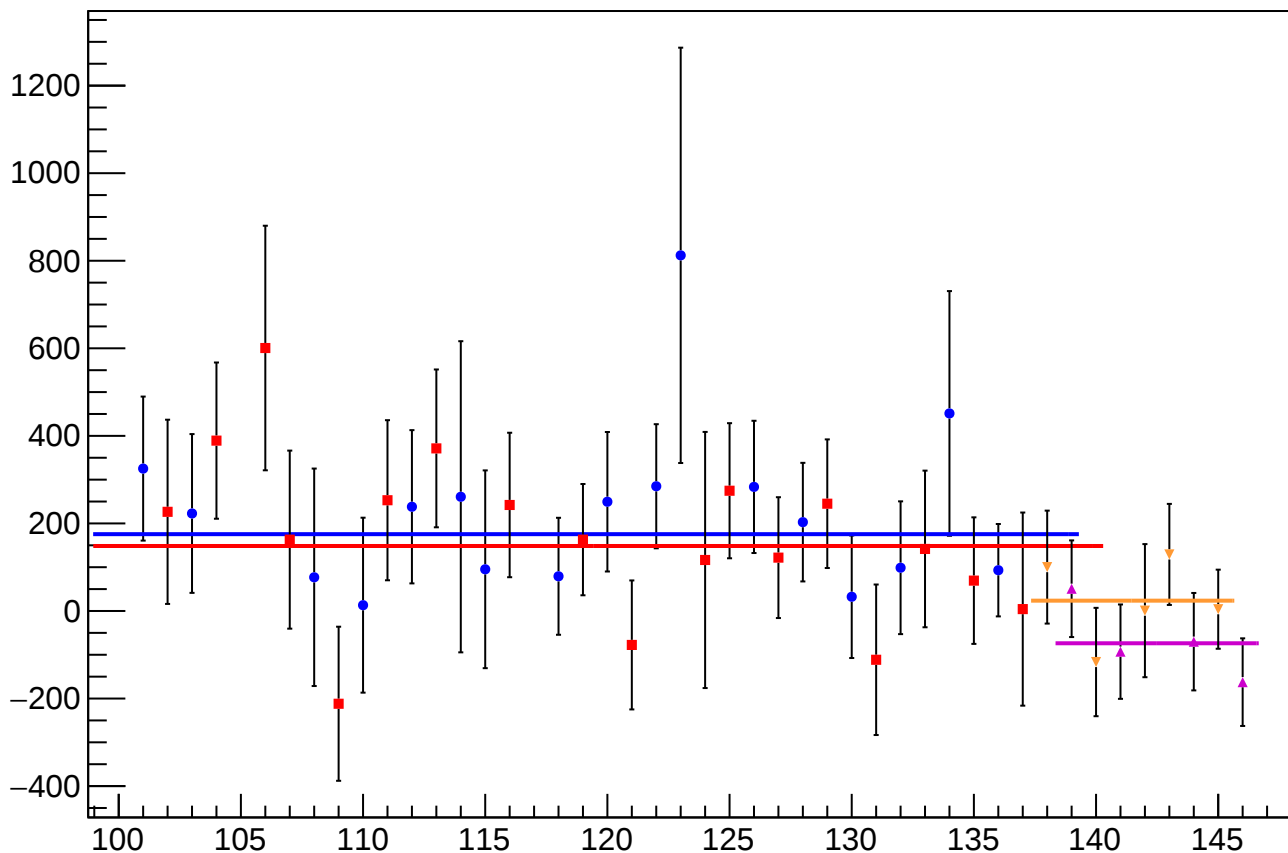
Right: 468.612+/-0.093 χ^2/NDF : 1813037.9/34

In: 378.028+/-0.090 χ^2/NDF :2034887.8/20

Out: 376.214+/-0.087 χ^2/NDF :2136933.5/22

All: 377.092+/-0.062 χ^2/NDF : 4172032.4/43

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: 23.577 $\pm$ 52.251 χ^2 /NDF:2.5/4

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -73.754 $\pm$ 53.549 χ^2 /NDF:2.1/3

Left: -23.894 $\pm$ 37.397 χ^2 /NDF: 6.3/8

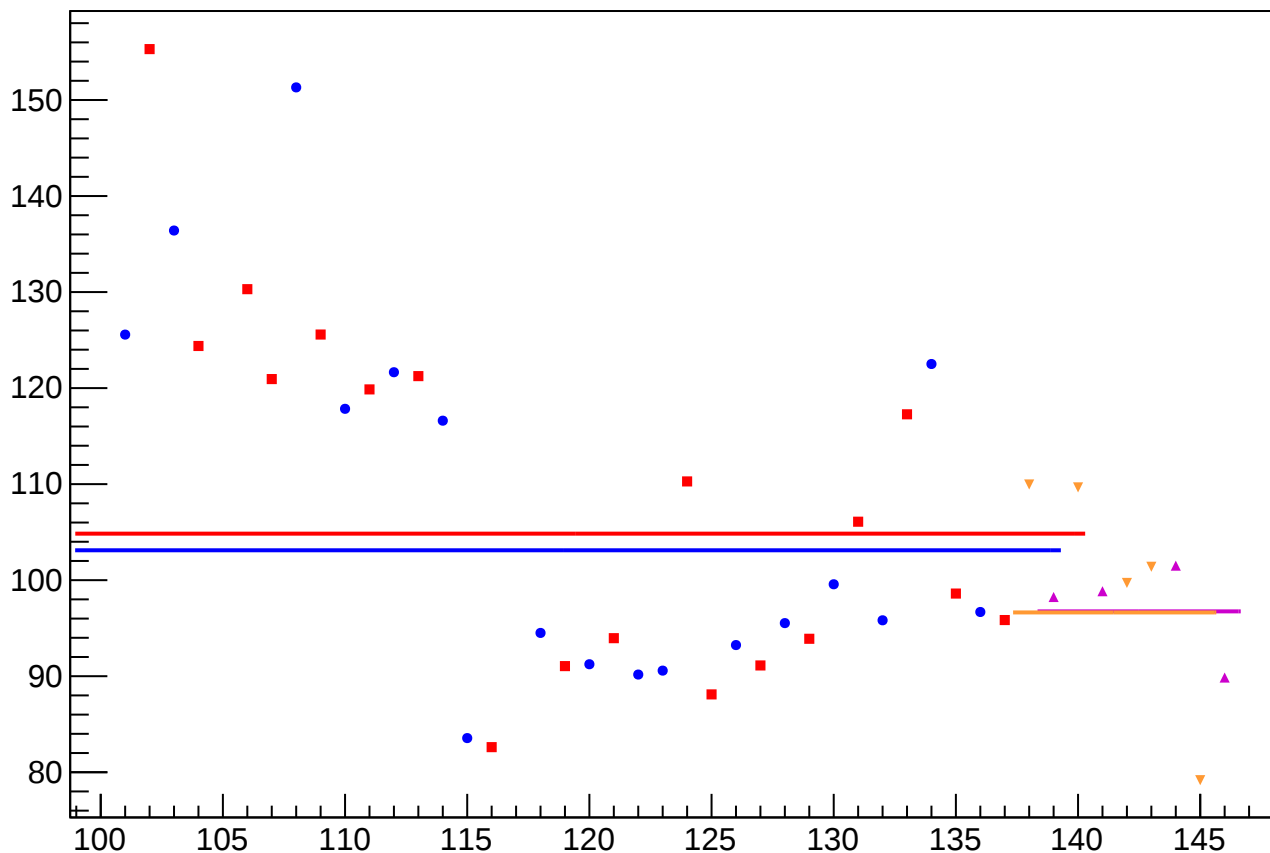
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 85.187 $\pm$ 32.230 χ^2 /NDF:24.5/20

Out: 101.824 $\pm$ 31.927 χ^2 /NDF:23.6/22

All: 93.584 $\pm$ 22.682 χ^2 /NDF: 48.2/43

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: 96.640 $\pm$ 0.037 χ^2/NDF :122479.6/4

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 96.751 $\pm$ 0.038 χ^2/NDF :14268.0/3

Left: 96.694 $\pm$ 0.026 χ^2/NDF : 136752.0/8

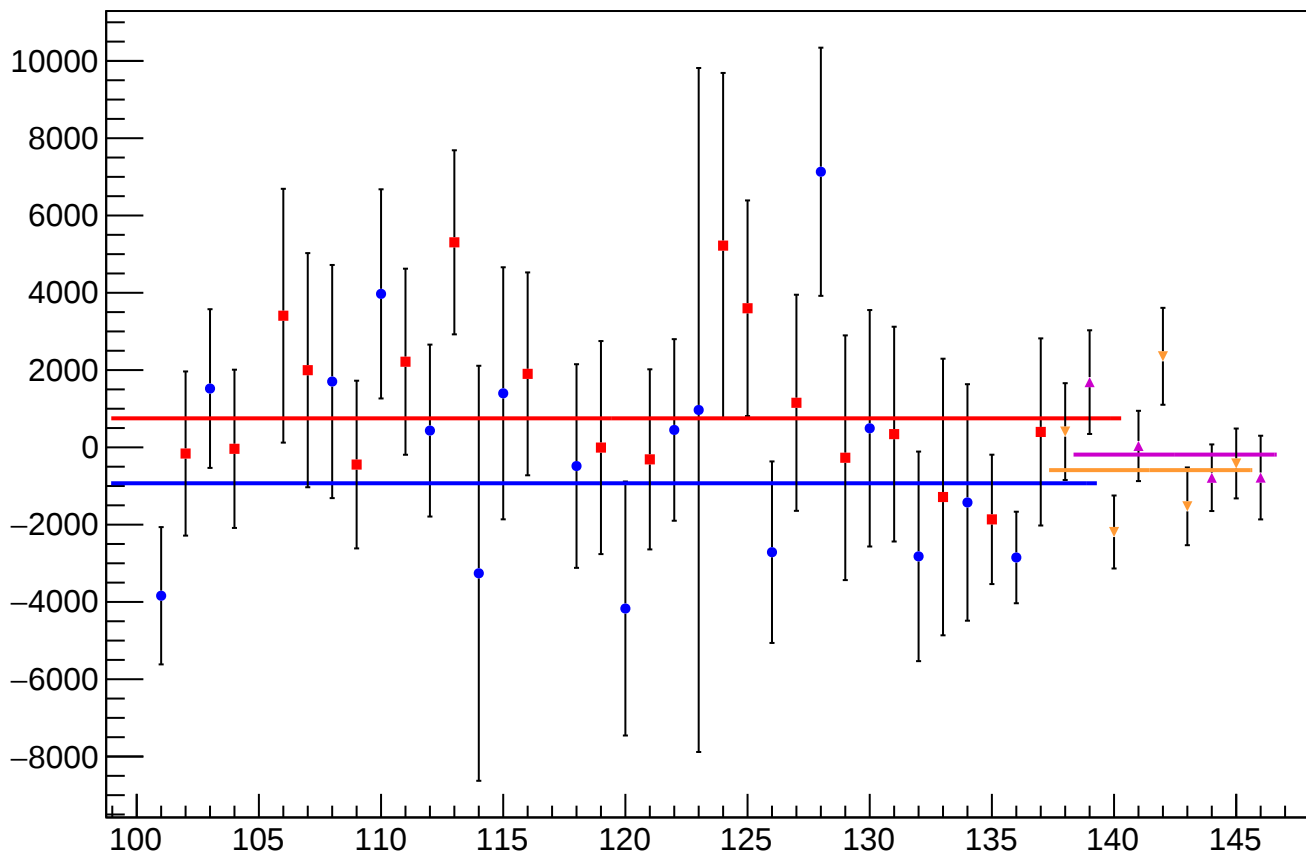
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 100.808 $\pm$ 0.023 χ^2/NDF :338708.1/20

Out: 101.781 $\pm$ 0.023 χ^2/NDF :522051.9/22

All: 101.299 $\pm$ 0.016 χ^2/NDF : 861680.8/43

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: -589.129+/-465.948 χ^2/NDF : 9.9/4

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -187.176+/-502.292 χ^2/NDF : 2.8/3

Left: -403.219+/-341.602 χ^2/NDF : 13.1/8

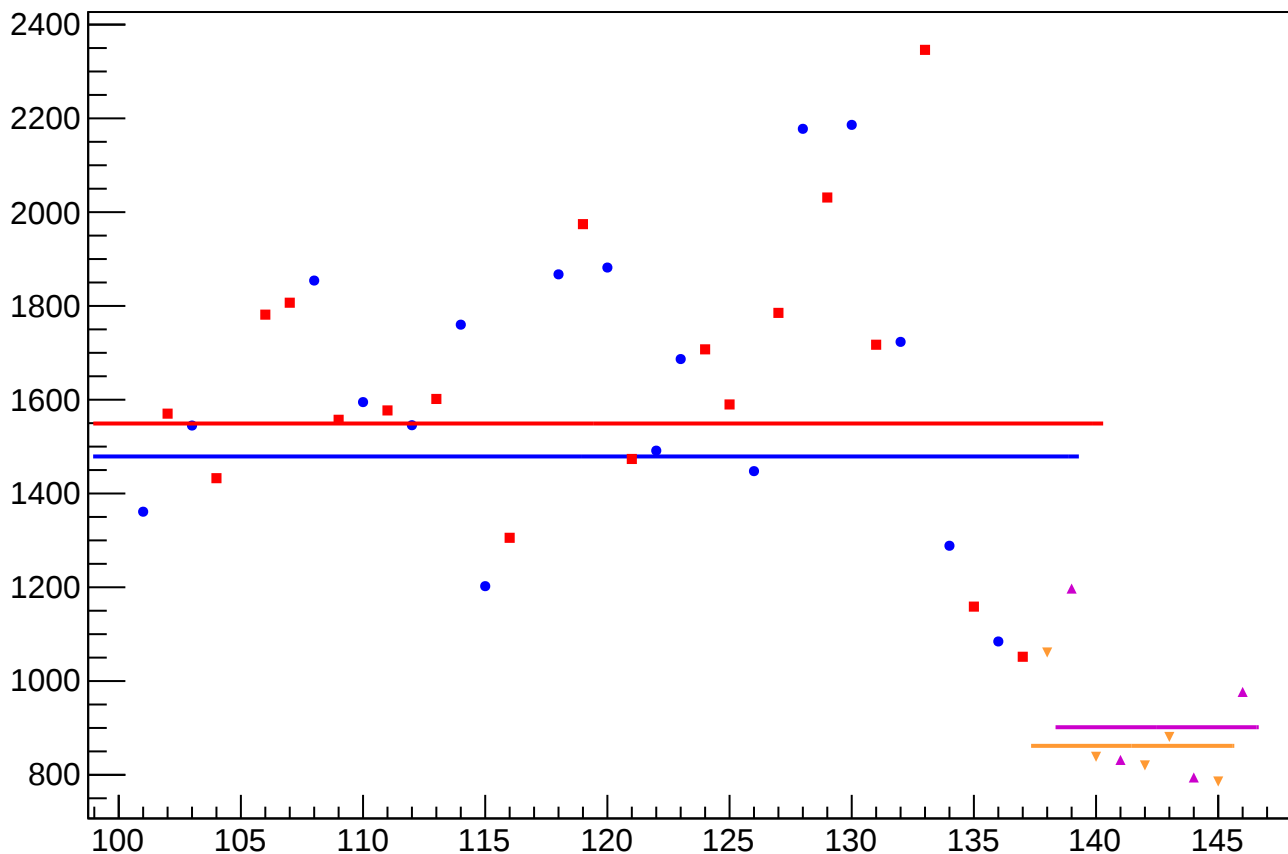
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -500.739+/-381.633 χ^2/NDF : 24.6/20

Out: -79.556+/-366.839 χ^2/NDF : 24.0/22

All: -281.826+/-264.470 χ^2/NDF : 49.2/43

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 861.834+/-0.329 χ^2/NDF : 68824.0/4

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 901.551+/-0.355 χ^2/NDF : 149489.3/3

Left: 880.204+/-0.242 χ^2/NDF : 225034.1/8

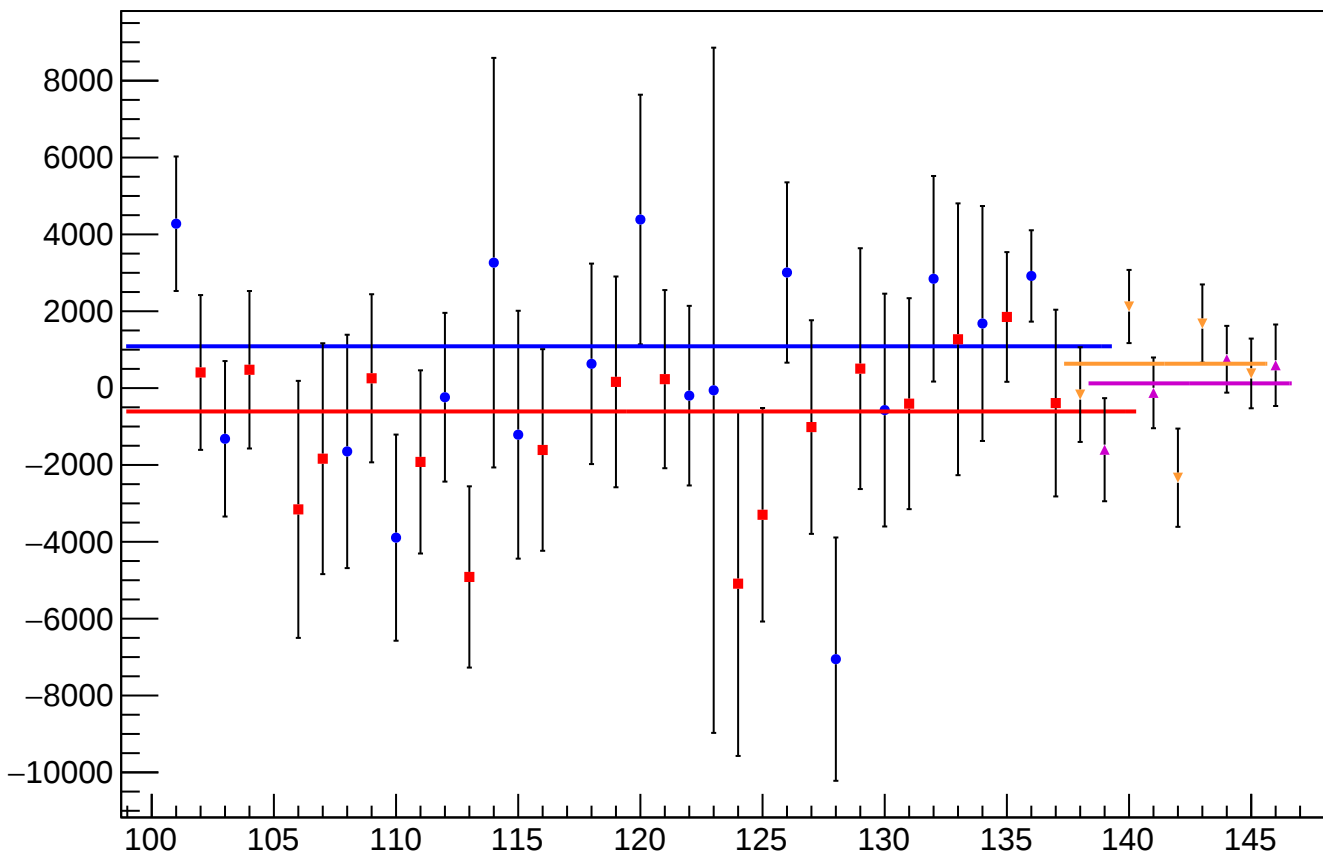
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1145.652+/-0.270 χ^2/NDF : 1856472.5/20

Out: 1123.173+/-0.259 χ^2/NDF : 2186344.5/22

All: 1133.969+/-0.187 χ^2/NDF : 4046423.5/43

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: 634.279 $\pm$ 468.666 χ^2 /NDF:9.4/4

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 123.059 $\pm$ 503.163 χ^2 /NDF:2.4/3

Left: 396.793 $\pm$ 342.944 χ^2 /NDF: 12.4/8

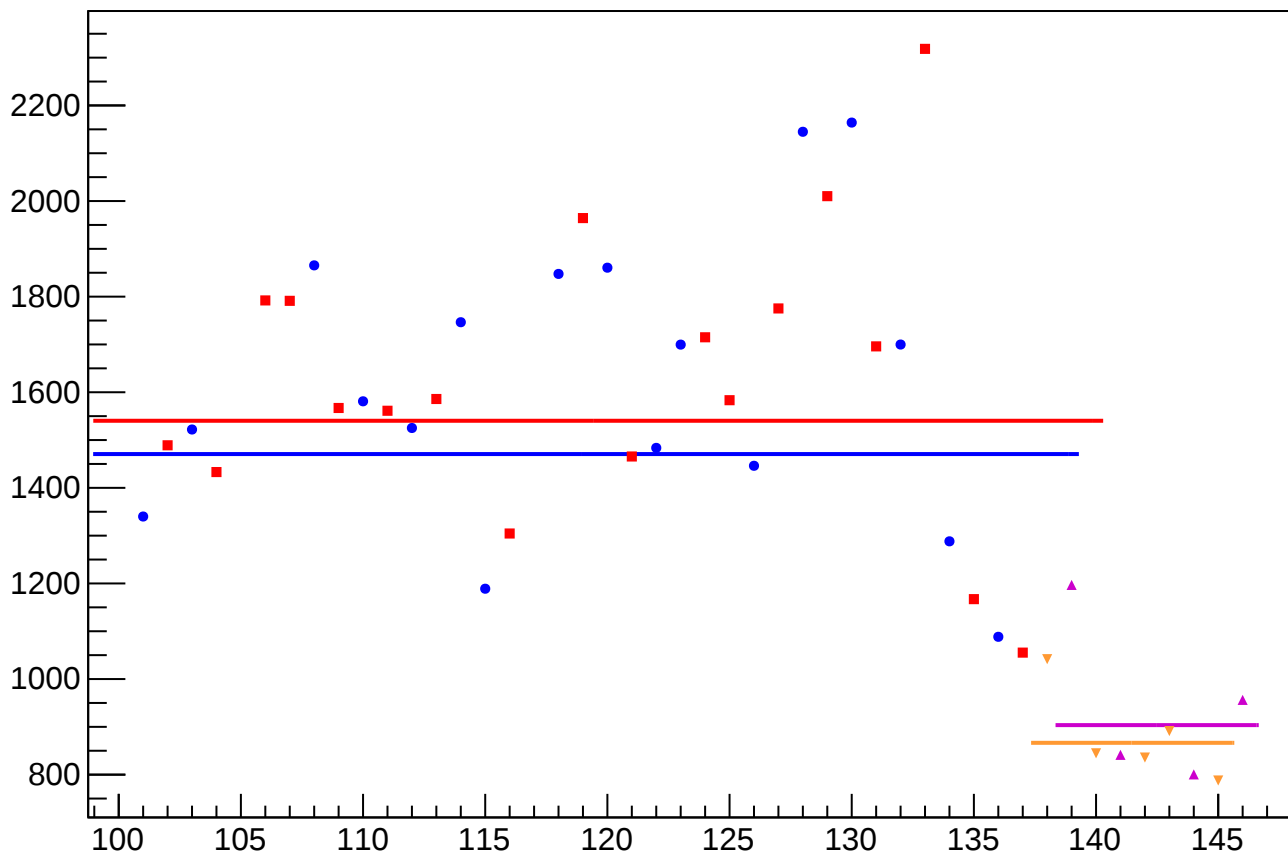
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 534.714 $\pm$ 381.005 χ^2 /NDF:25.9/20

Out: 155.244 $\pm$ 367.348 χ^2 /NDF:22.0/22

All: 338.056 $\pm$ 264.451 χ^2 /NDF: 48.4/43

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: 866.592 $\pm$ 0.331 χ^2 /NDF: 58797.9/4

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 903.631 $\pm$ 0.356 χ^2 /NDF: 137874.8/3

Left: 883.798 $\pm$ 0.242 χ^2 /NDF: 202475.5/8

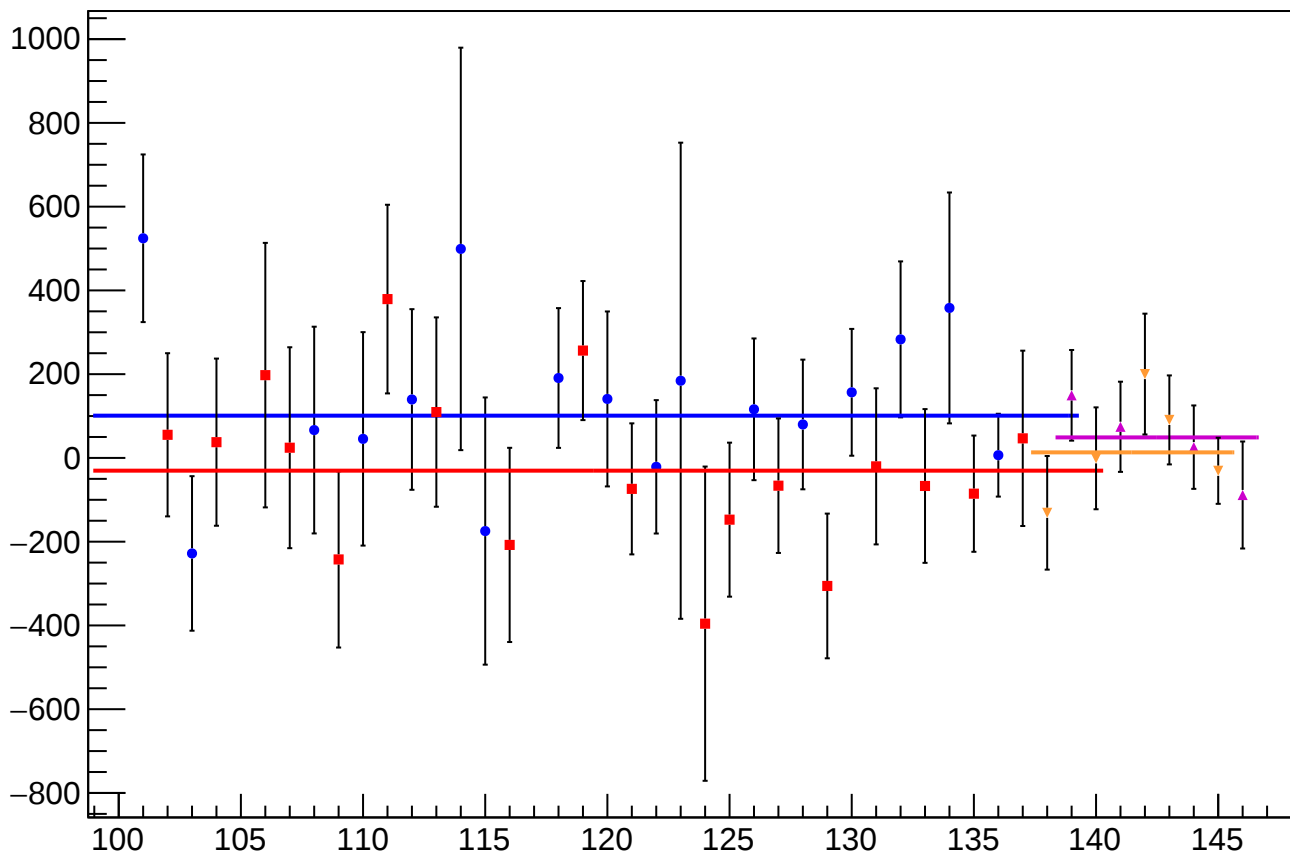
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1145.545 $\pm$ 0.269 χ^2 /NDF: 1789273.5/20

Out: 1126.411 $\pm$ 0.260 χ^2 /NDF: 2095541.0/22

All: 1135.629 $\pm$ 0.187 χ^2 /NDF: 3887428.4/43

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: 13.248 $\pm$ 48.844 χ^2 /NDF:3.7/4

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: 48.981 $\pm$ 54.739 χ^2 /NDF:2.1/3

Left: 29.088 $\pm$ 36.445 χ^2 /NDF: 6.0/8

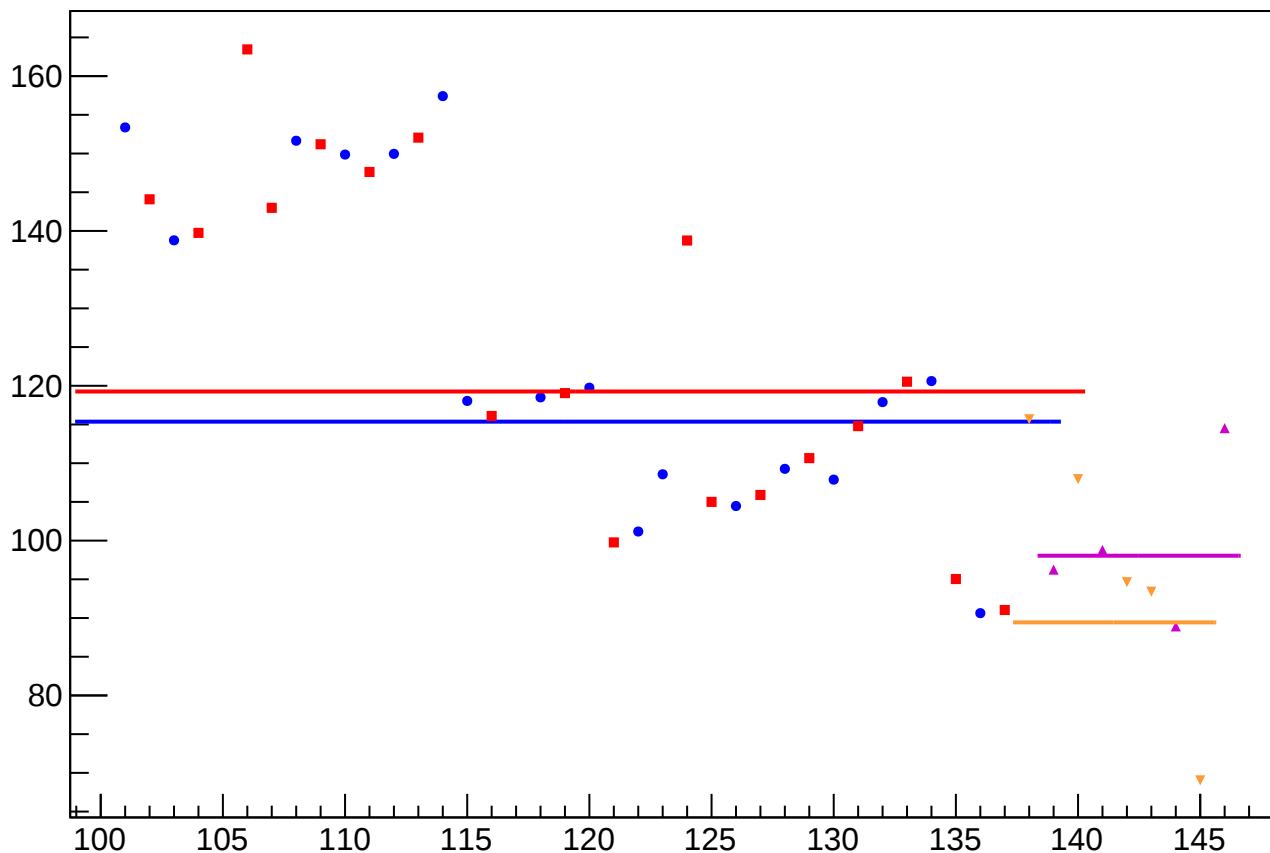
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 79.816 $\pm$ 34.892 χ^2 /NDF:15.7/20

Out: -10.027 $\pm$ 33.375 χ^2 /NDF:17.6/22

All: 32.899 $\pm$ 24.118 χ^2 /NDF: 36.8/43

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 89.439 $\pm$ 0.035 χ^2 /NDF:260182.9/4

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 98.050 $\pm$ 0.039 χ^2 /NDF:50721.6/3

Left: 93.256 $\pm$ 0.026 χ^2 /NDF: 338460.5/8

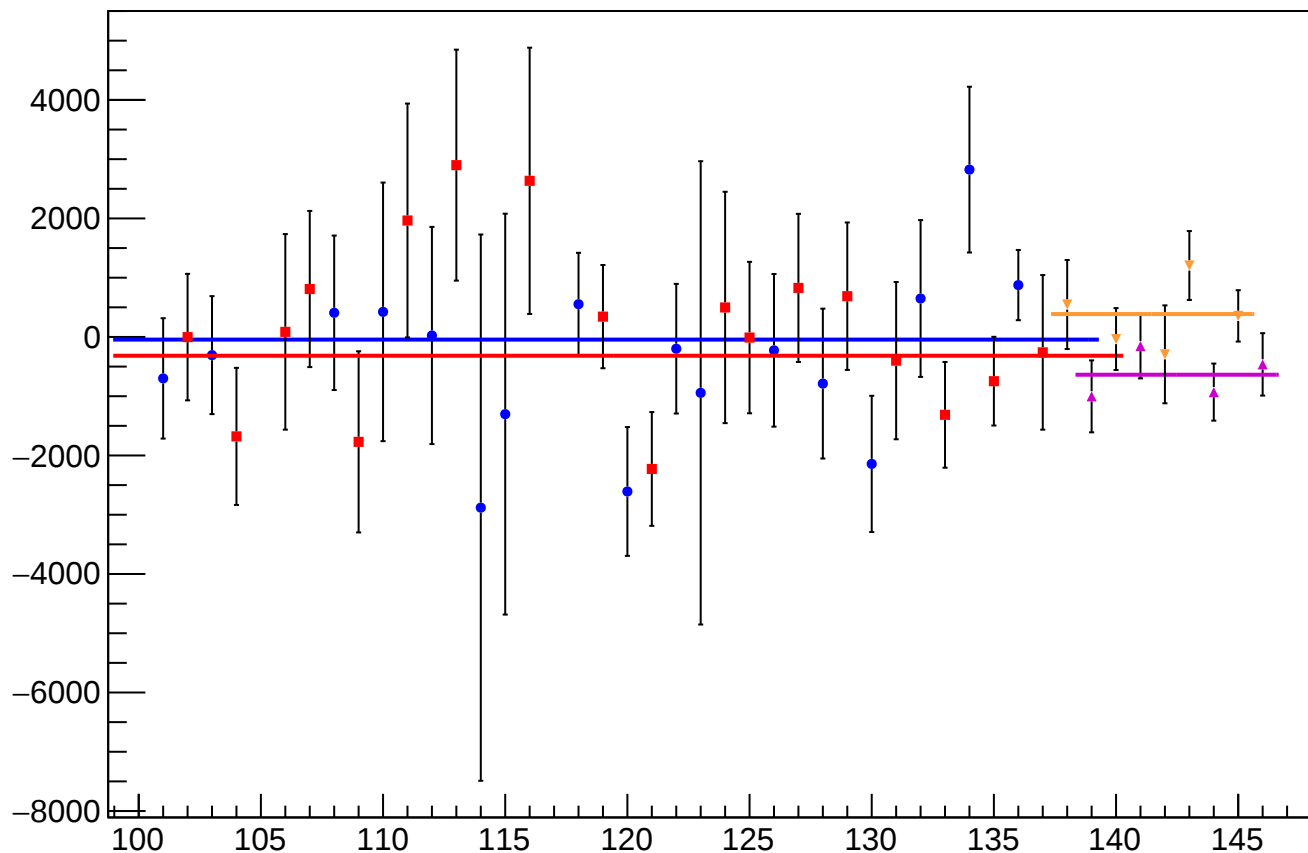
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 108.331 $\pm$ 0.025 χ^2 /NDF:580912.7/20

Out: 105.338 $\pm$ 0.024 χ^2 /NDF:1056023.8/22

All: 106.768 $\pm$ 0.017 χ^2 /NDF: 1644619.2/43

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: 386.560 $\pm$ 256.629 χ^2/NDF : 3.4/4

Right Out: -316.976 $\pm$ 283.113 χ^2/NDF : 16.8/17

Left In: -637.363 $\pm$ 267.333 χ^2/NDF : 1.6/3

Left: -104.492 $\pm$ 185.133 χ^2/NDF : 12.6/8

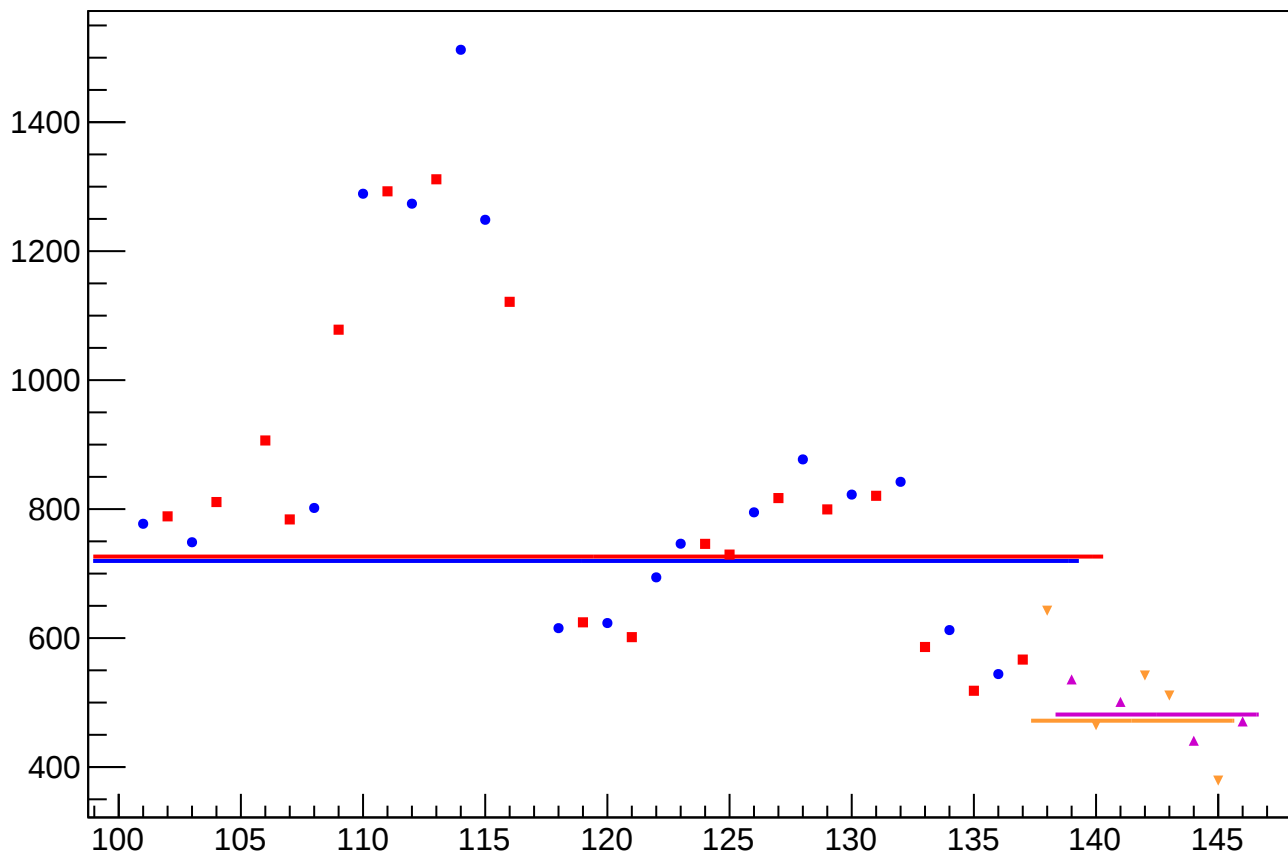
Right: -182.282 $\pm$ 201.303 χ^2/NDF : 35.1/34

In: -361.227 $\pm$ 195.390 χ^2/NDF : 21.8/20

Out: 69.230 $\pm$ 190.139 χ^2/NDF : 23.5/22

All: -140.138 $\pm$ 136.267 χ^2/NDF : 47.8/43

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: 471.897 $\pm$ 0.181 χ^2 /NDF:218845.4/4

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 481.455 $\pm$ 0.189 χ^2 /NDF:33738.0/3

Left: 476.480 $\pm$ 0.131 χ^2 /NDF: 253913.9/8

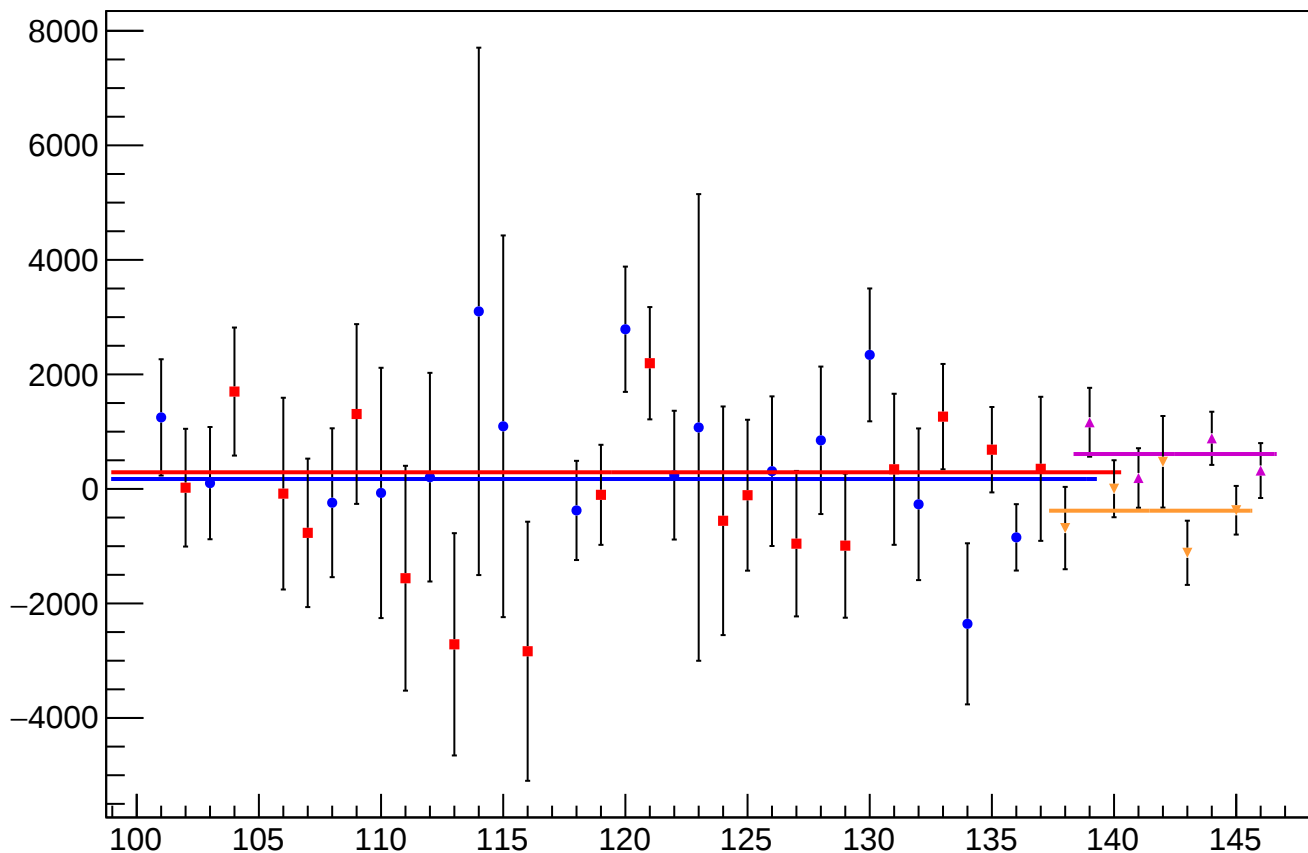
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 592.388 $\pm$ 0.138 χ^2 /NDF:1520014.2/20

Out: 586.689 $\pm$ 0.134 χ^2 /NDF:1987032.5/22

All: 589.461 $\pm$ 0.096 χ^2 /NDF: 3507920.4/43

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -380.241 $\pm$ 248.035 χ^2 /NDF:3.6/4

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 609.678 $\pm$ 254.345 χ^2 /NDF:2.2/3

Left: 102.287 $\pm$ 177.576 χ^2 /NDF: 13.6/8

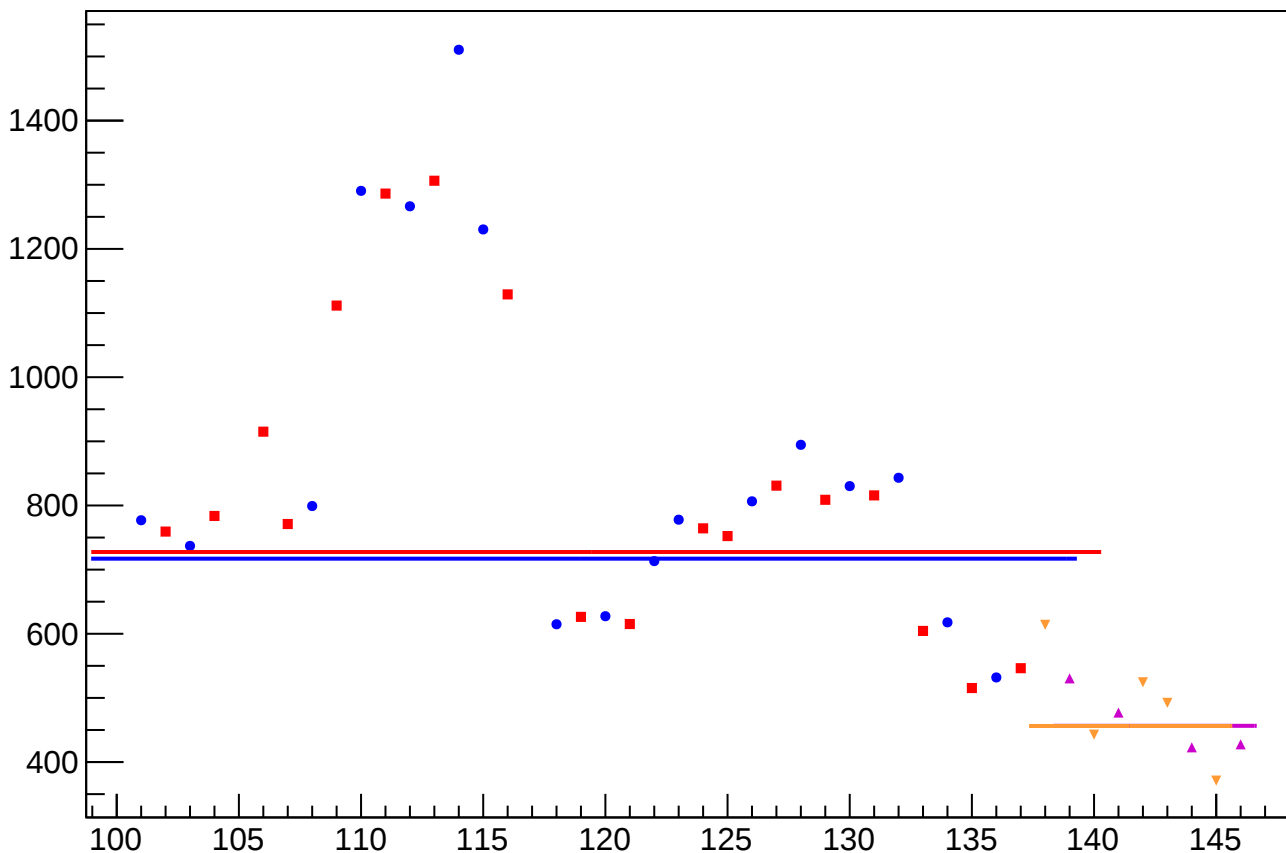
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 416.667 $\pm$ 189.963 χ^2 /NDF:21.6/20

Out: -89.348 $\pm$ 186.687 χ^2 /NDF:22.4/22

All: 159.259 $\pm$ 133.151 χ^2 /NDF: 47.7/43

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: 456.240 $\pm$ 0.175 χ^2 /NDF: 200857.8/4

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 456.493 $\pm$ 0.180 χ^2 /NDF: 51098.5/3

Left: 456.364 $\pm$ 0.126 χ^2 /NDF: 251957.4/8

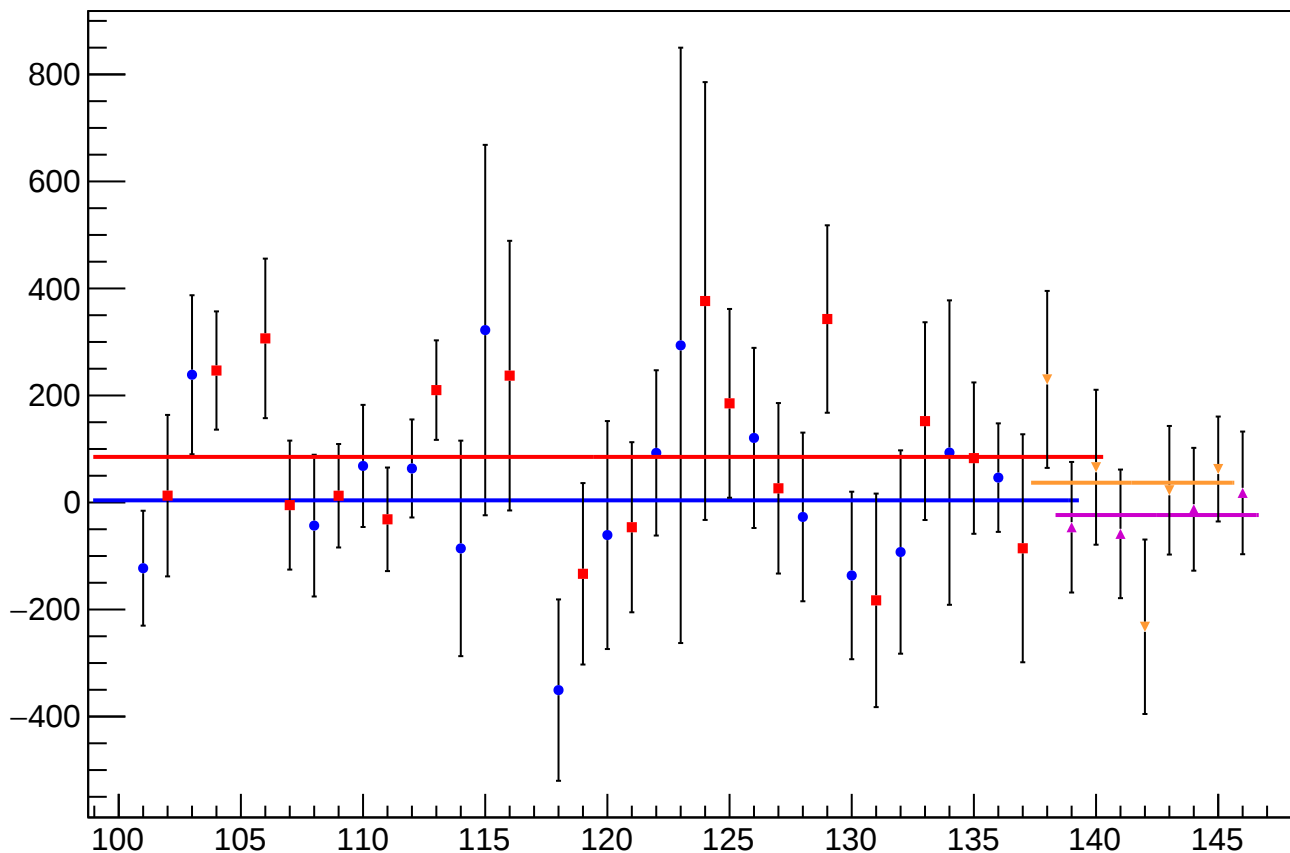
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 571.722 $\pm$ 0.134 χ^2 /NDF: 1761871.1/20

Out: 573.826 $\pm$ 0.132 χ^2 /NDF: 2118766.4/22

All: 572.792 $\pm$ 0.094 χ^2 /NDF: 3880762.3/43

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: 36.960 ± 58.201 $\chi^2/\text{NDF}: 4.2/4$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: -23.427 ± 58.876 $\chi^2/\text{NDF}: 0.3/3$

Left: 7.115 ± 41.391 $\chi^2/\text{NDF}: 5.0/8$

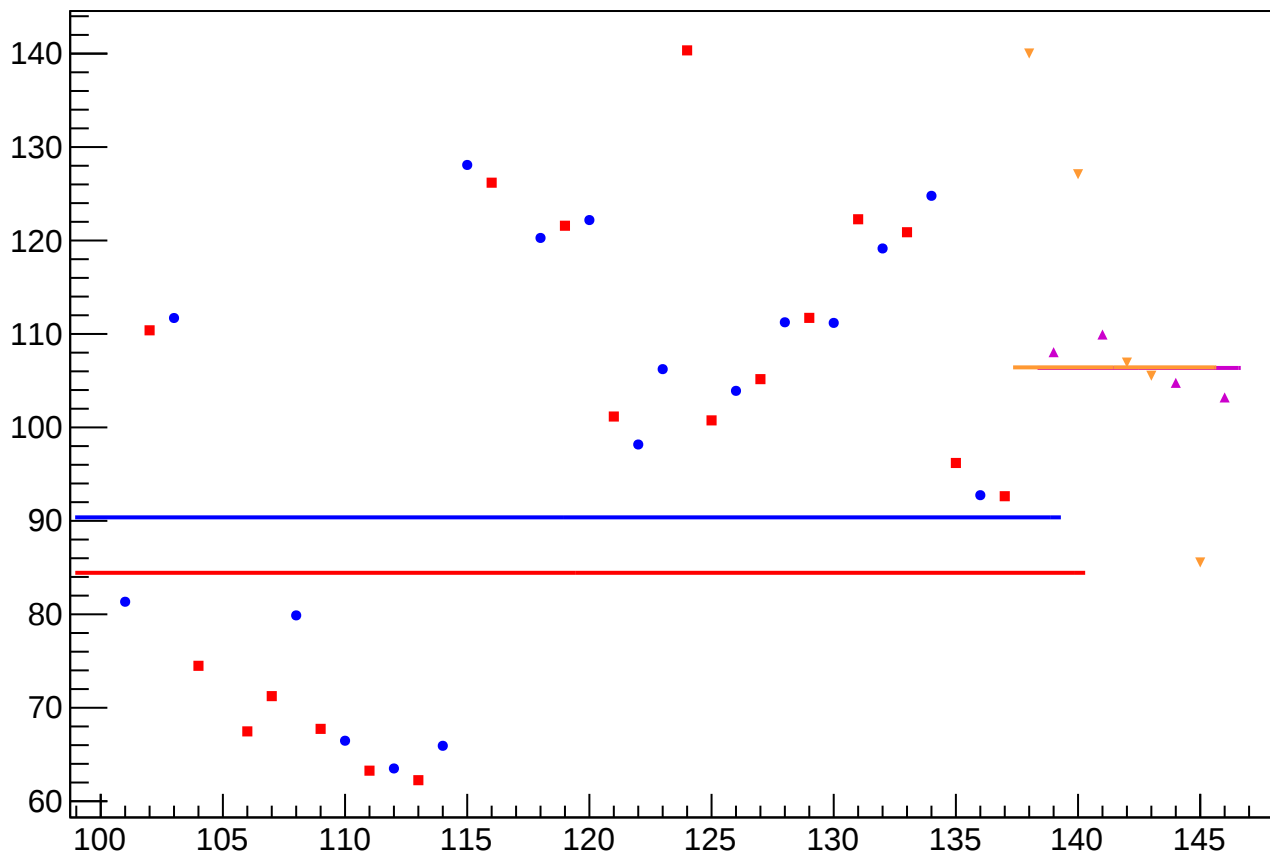
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: -3.441 ± 30.682 $\chi^2/\text{NDF}: 13.1/20$

Out: 73.246 ± 28.977 $\chi^2/\text{NDF}: 22.1/22$

All: 37.093 ± 21.067 $\chi^2/\text{NDF}: 38.5/43$

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: 106.424 $\pm$ 0.041 χ^2/NDF : 214069.2/4

Right Out: 84.442 $\pm$ 0.024 χ^2/NDF : 870835.6/17

Left In: 106.363 $\pm$ 0.042 χ^2/NDF : 4055.4/3

Left: 106.394 $\pm$ 0.029 χ^2/NDF : 218125.8/8

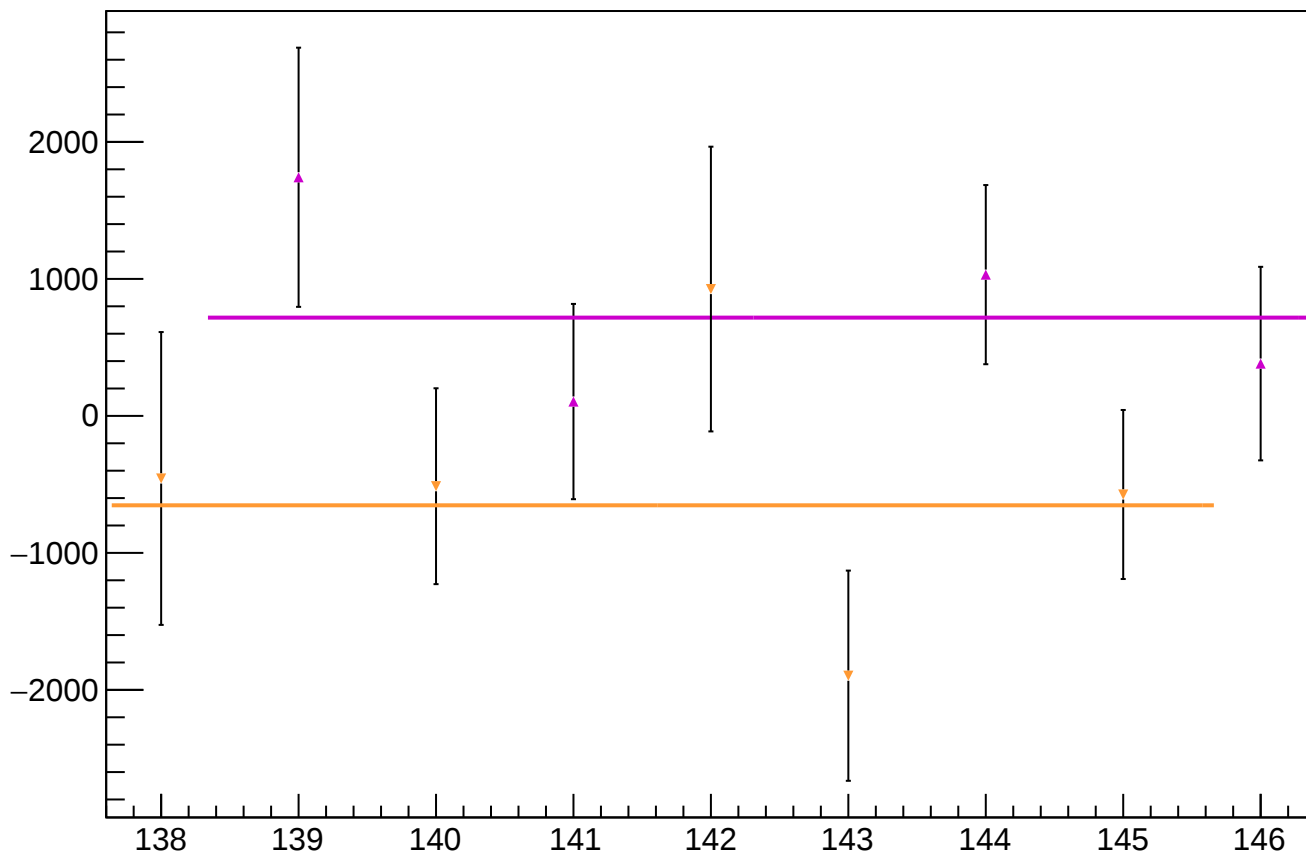
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 94.717 $\pm$ 0.022 χ^2/NDF : 765625.5/20

Out: 89.891 $\pm$ 0.020 χ^2/NDF : 1299490.9/22

All: 92.166 $\pm$ 0.015 χ^2/NDF : 2091271.5/43

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -652.637+/-351.710 χ^2/NDF :5.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 717.385+/-366.911 χ^2/NDF :2.4/3

Left: 3.406+/-253.901 χ^2/NDF : 14.7/8

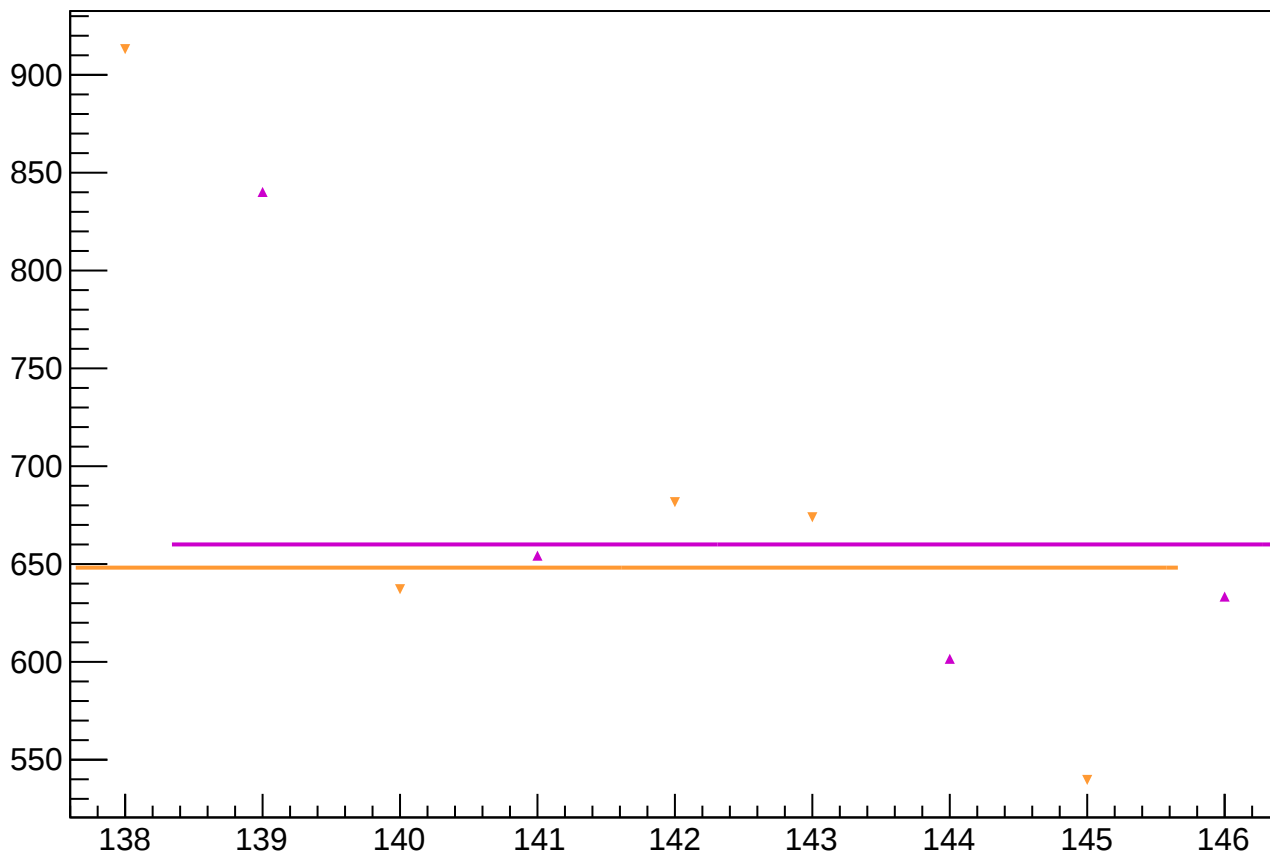
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 717.385+/-366.911 χ^2/NDF :2.4/3

Out: -652.637+/-351.710 χ^2/NDF :5.0/4

All: 3.406+/-253.901 χ^2/NDF : 14.7/8

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 648.166+/-0.249 χ^2/NDF :189572.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 660.019+/-0.259 χ^2/NDF :91469.2/3

Left: 653.842+/-0.180 χ^2/NDF : 282129.7/8

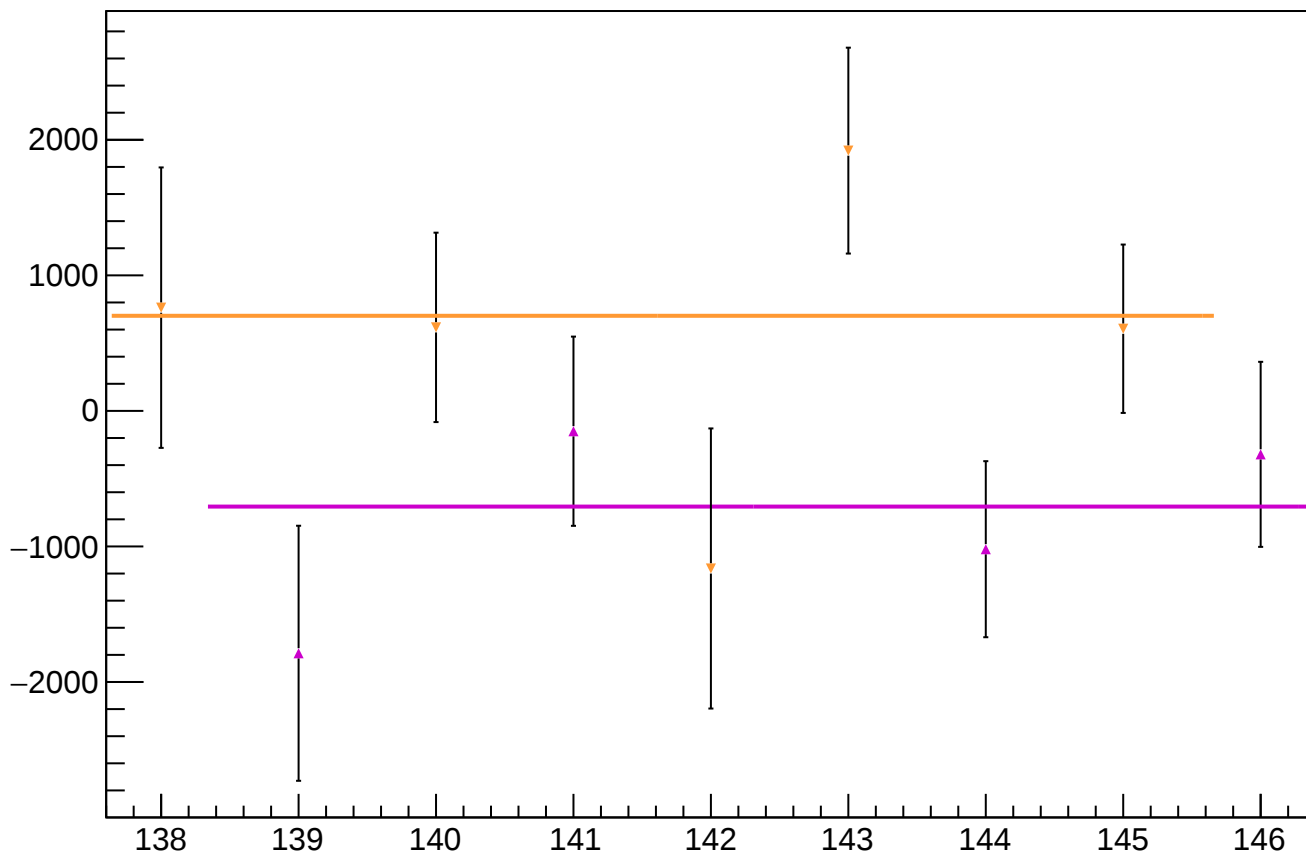
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 660.019+/-0.259 χ^2/NDF :91469.2/3

Out: 648.166+/-0.249 χ^2/NDF :189572.7/4

All: 653.842+/-0.180 χ^2/NDF : 282129.7/8

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 701.699 $\pm$ 348.258 χ^2 /NDF:5.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -705.881 $\pm$ 360.399 χ^2 /NDF:2.5/3

Left: 22.018 $\pm$ 250.438 χ^2 /NDF: 16.3/8

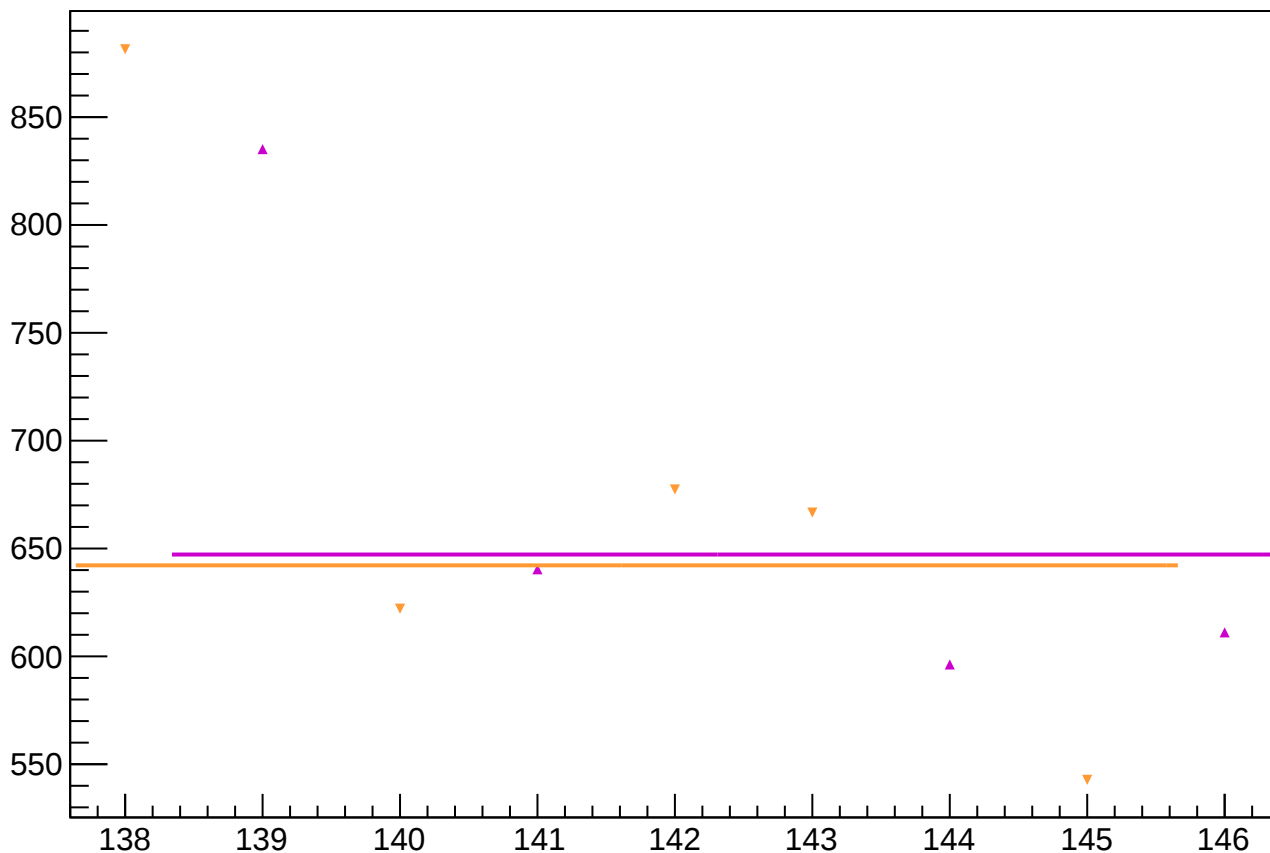
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -705.881 $\pm$ 360.399 χ^2 /NDF:2.5/3

Out: 701.699 $\pm$ 348.258 χ^2 /NDF:5.9/4

All: 22.018 $\pm$ 250.438 χ^2 /NDF: 16.3/8

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 642.200+/-0.246 χ^2/NDF :164295.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Left: 644.621+/-0.177 χ^2/NDF : 262413.9/8

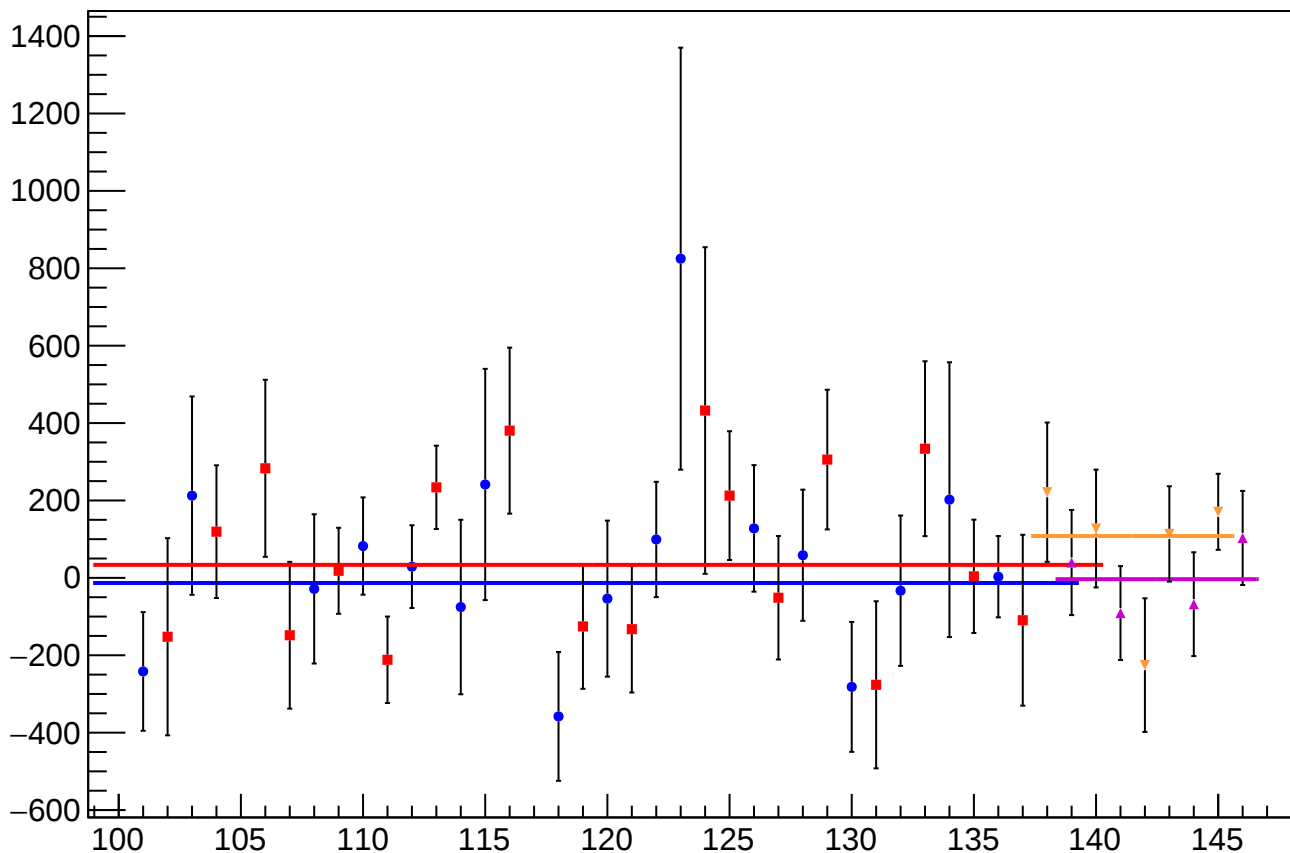
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Out: 642.200+/-0.246 χ^2/NDF :164295.5/4

All: 644.621+/-0.177 χ^2/NDF : 262413.9/8

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 108.077 ± 60.079 χ^2/NDF : 4.6/4

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: -3.355 ± 63.821 χ^2/NDF : 1.6/3

Left: 55.724 ± 43.745 χ^2/NDF : 7.8/8

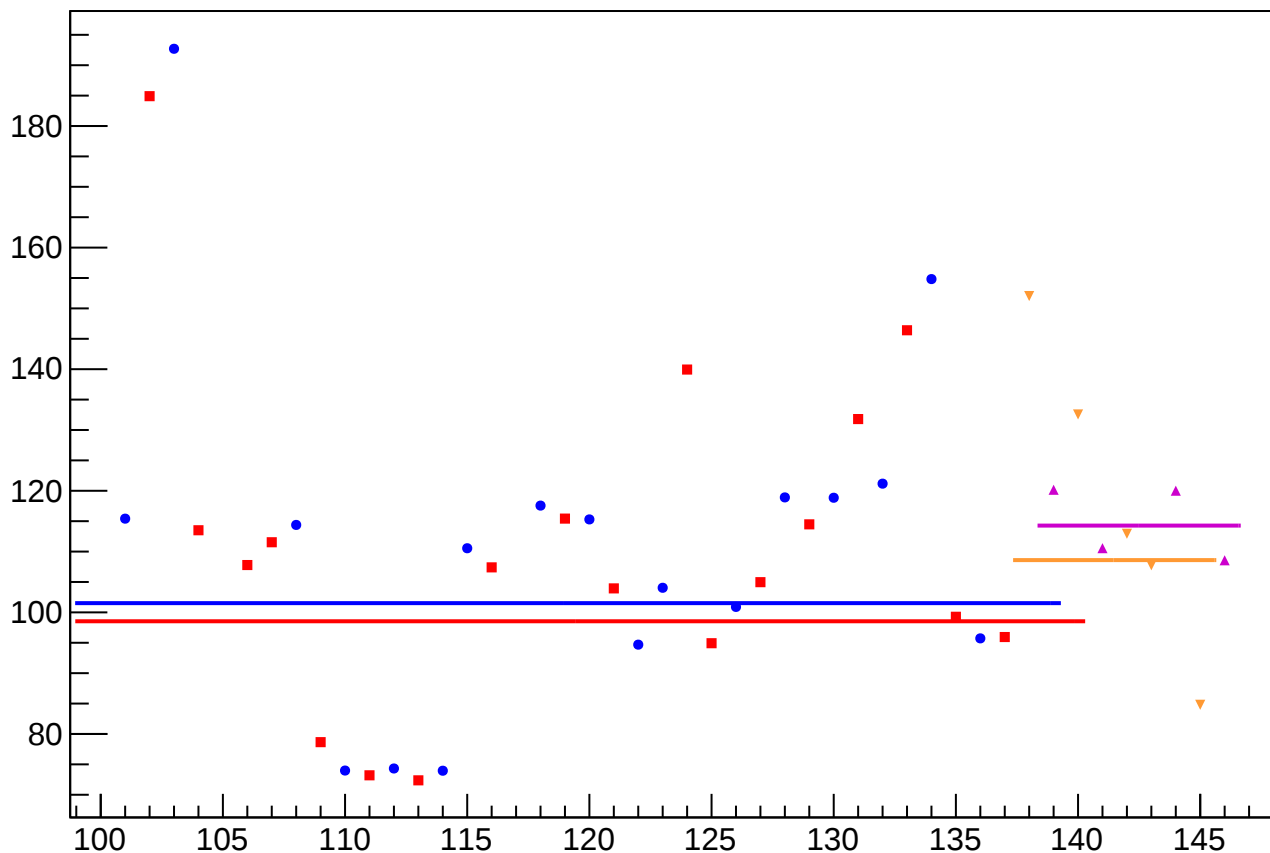
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: -10.379 ± 34.228 χ^2/NDF : 17.3/20

Out: 55.619 ± 32.648 χ^2/NDF : 30.3/22

All: 24.179 ± 23.624 χ^2/NDF : 49.6/43

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2/NDF : 681713.7/16

Left Out: 108.597 $\pm$ 0.042 χ^2/NDF :284647.9/4

Right Out: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

Left In: 114.275 $\pm$ 0.045 χ^2/NDF :13718.7/3

Left: 111.265 $\pm$ 0.031 χ^2/NDF : 306759.6/8

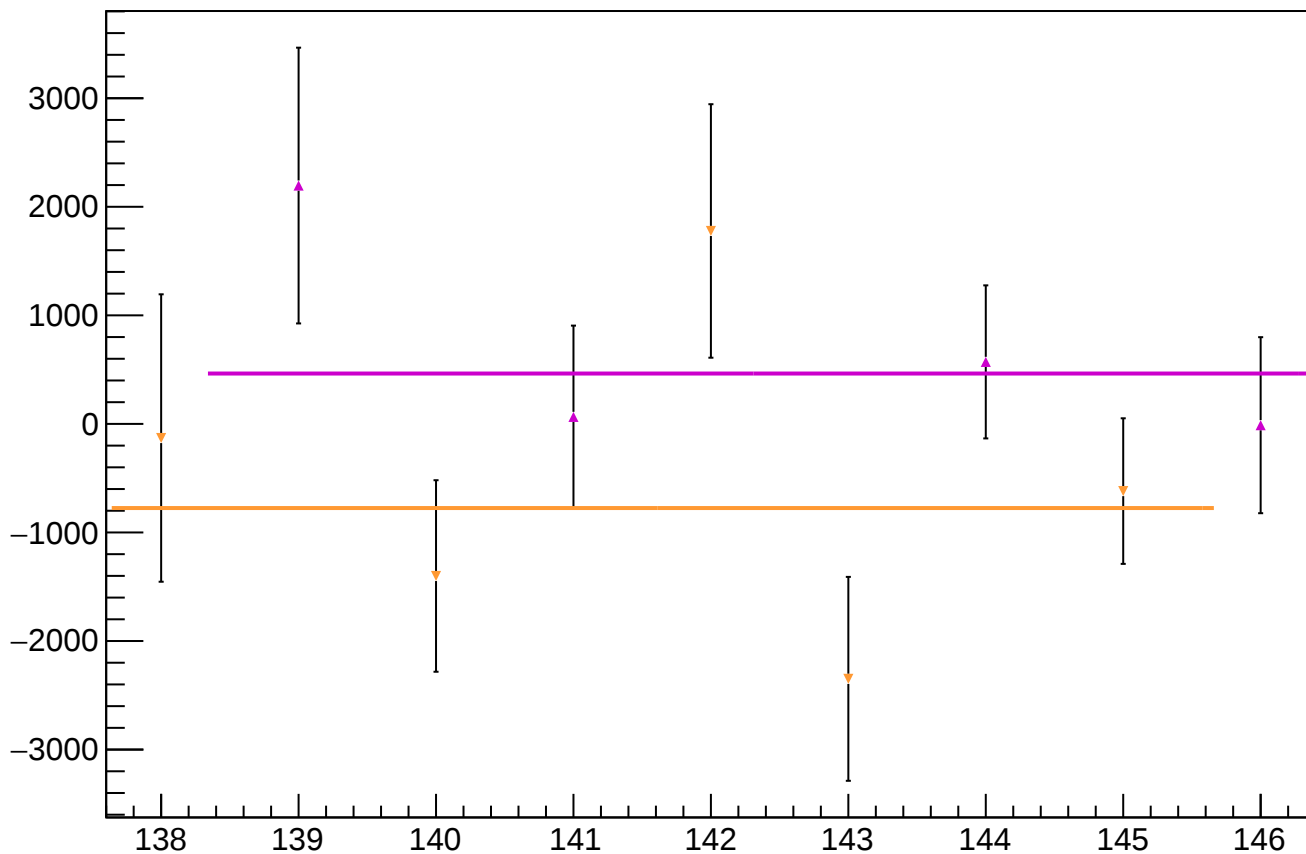
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 105.188 $\pm$ 0.024 χ^2/NDF :752348.8/20

Out: 101.507 $\pm$ 0.023 χ^2/NDF :1071149.3/22

All: 103.261 $\pm$ 0.017 χ^2/NDF : 1835608.0/43

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -775.138+/-410.081 χ^2/NDF : 8.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 464.029+/-423.803 χ^2/NDF : 2.5/3

Left: -175.939+/-294.703 χ^2/NDF : 15.2/8

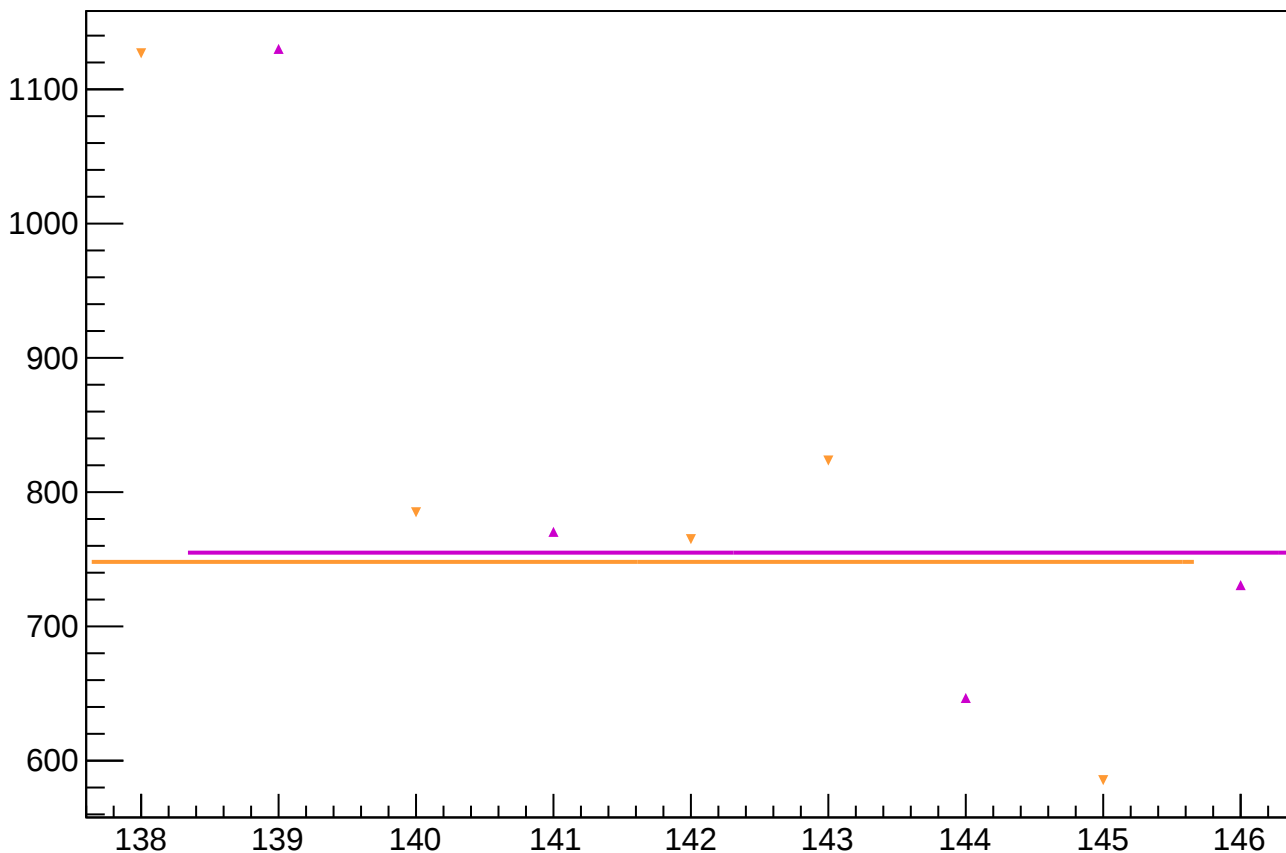
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 464.029+/-423.803 χ^2/NDF : 2.5/3

Out: -775.138+/-410.081 χ^2/NDF : 8.4/4

All: -175.939+/-294.703 χ^2/NDF : 15.2/8

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 748.060+/-0.290 χ^2/NDF :298110.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 754.931+/-0.300 χ^2/NDF :224088.8/3

Left: 751.383+/-0.208 χ^2/NDF : 522470.4/8

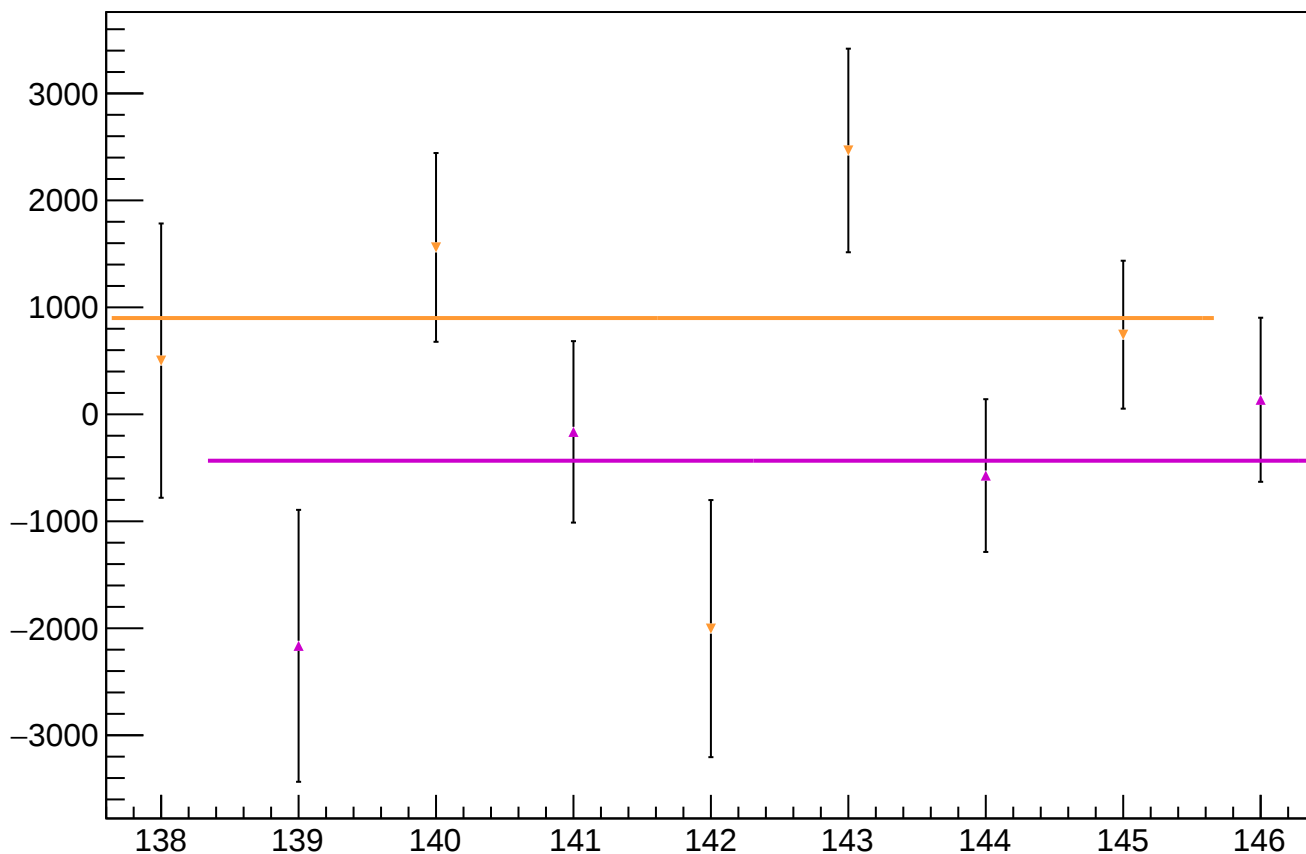
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 754.931+/-0.300 χ^2/NDF :224088.8/3

Out: 748.060+/-0.290 χ^2/NDF :298110.1/4

All: 751.383+/-0.208 χ^2/NDF : 522470.4/8

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 900.029+/-415.917 χ^2/NDF : 9.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -433.621+/-419.944 χ^2/NDF : 2.5/3

Left: 239.628+/-295.511 χ^2/NDF : 16.9/8

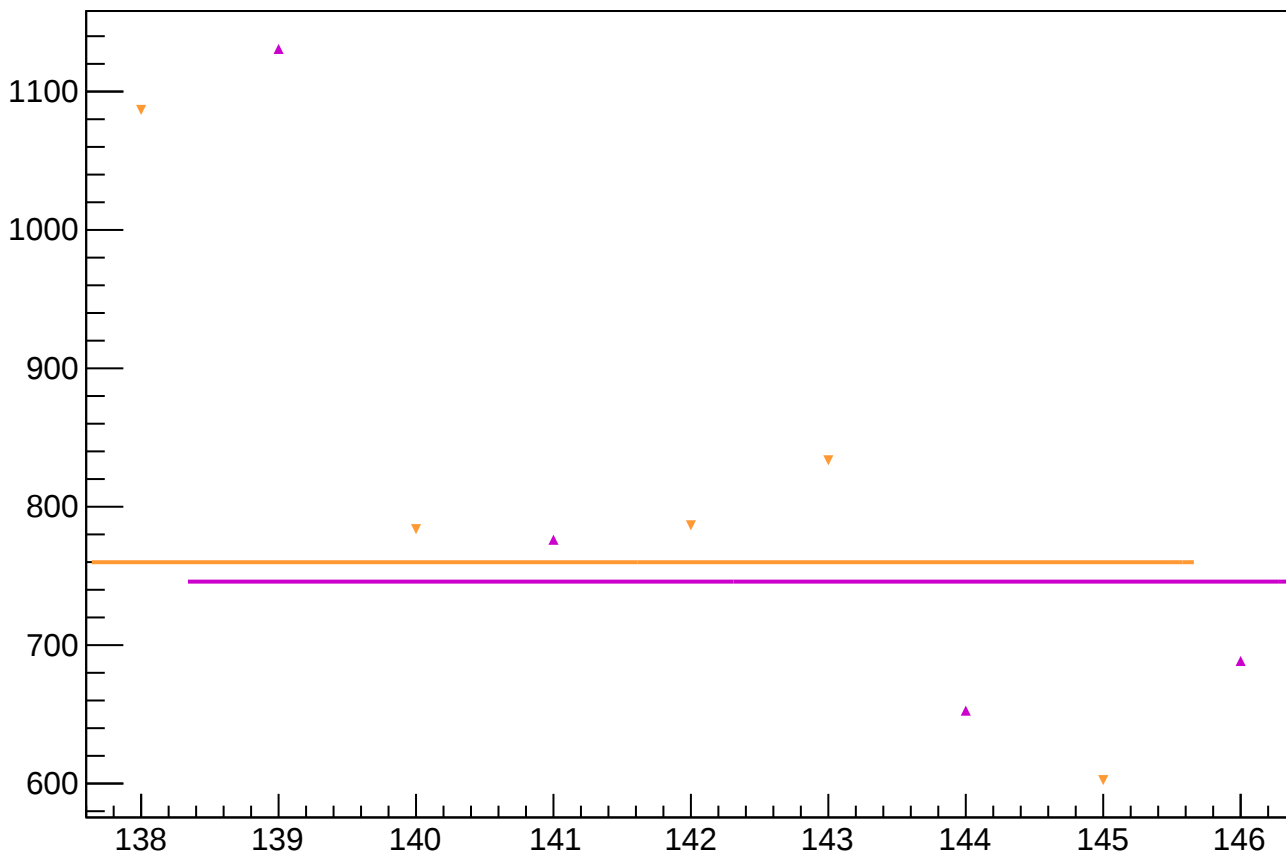
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -433.621+/-419.944 χ^2/NDF : 2.5/3

Out: 900.029+/-415.917 χ^2/NDF : 9.3/4

All: 239.628+/-295.511 χ^2/NDF : 16.9/8

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 759.907+/-0.294 χ^2/NDF : 248079.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 745.892+/-0.297 χ^2/NDF : 231219.9/3

Left: 752.967+/-0.209 χ^2/NDF : 480424.2/8

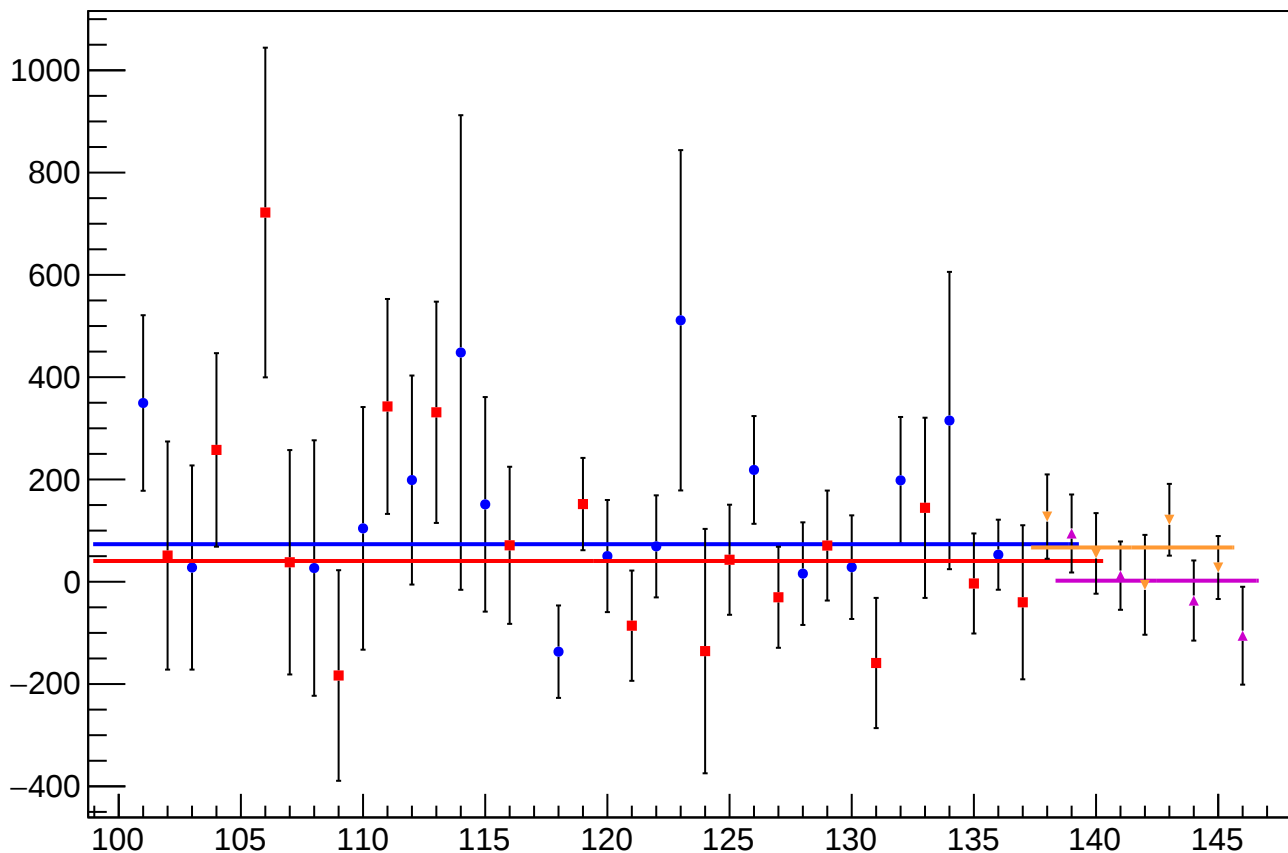
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 745.892+/-0.297 χ^2/NDF : 231219.9/3

Out: 759.907+/-0.294 χ^2/NDF : 248079.8/4

All: 752.967+/-0.209 χ^2/NDF : 480424.2/8

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: 67.031 $\pm$ 33.706 χ^2 /NDF:2.1/4

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 2.090 $\pm$ 38.687 χ^2 /NDF:3.0/3

Left: 39.007 $\pm$ 25.413 χ^2 /NDF: 6.7/8

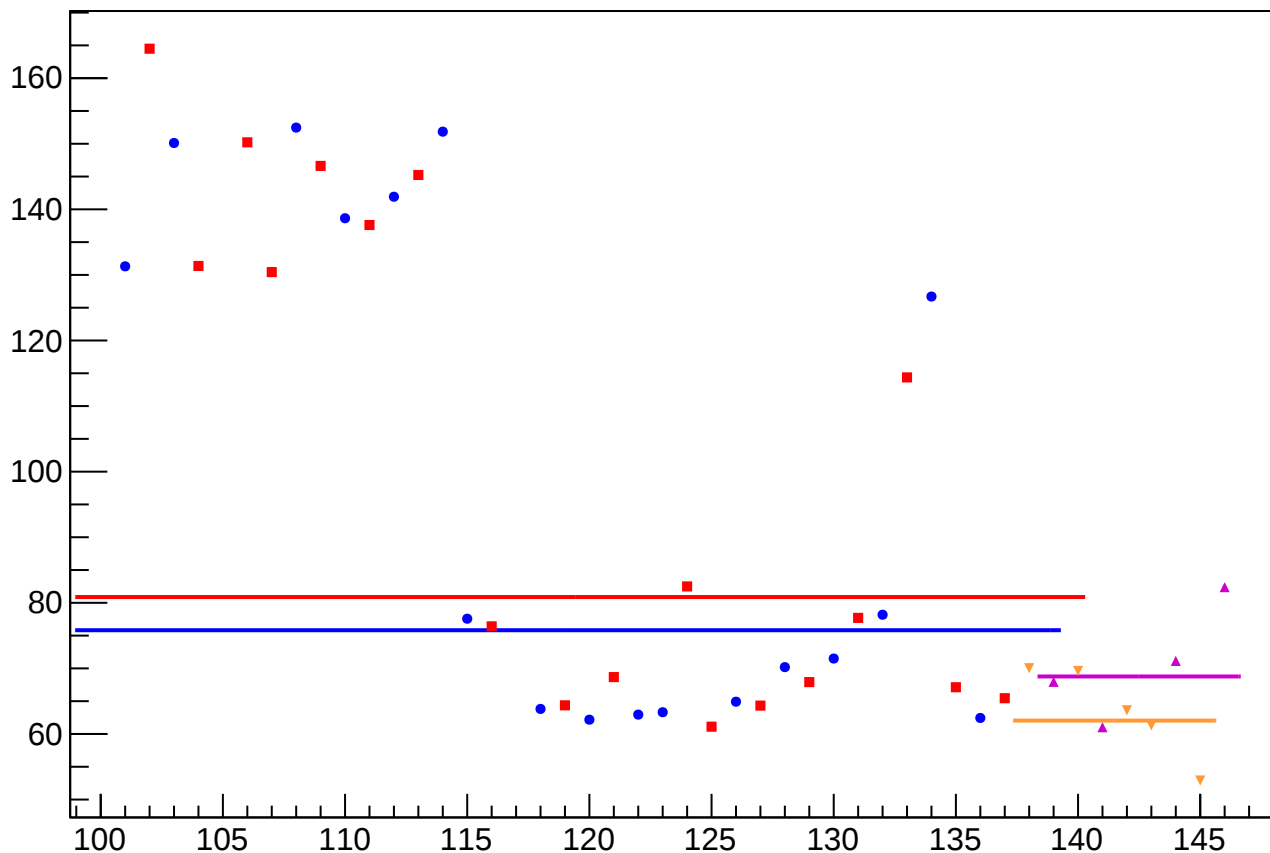
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 45.479 $\pm$ 24.220 χ^2 /NDF:20.3/20

Out: 53.430 $\pm$ 23.487 χ^2 /NDF:20.7/22

All: 49.576 $\pm$ 16.861 χ^2 /NDF: 41.0/43

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: 62.040 $\pm$ 0.024 χ^2/NDF : 82053.7/4

Right Out: 80.881 $\pm$ 0.023 χ^2/NDF : 1526044.5/17

Left In: 68.768 $\pm$ 0.027 χ^2/NDF : 69409.7/3

Left: 64.943 $\pm$ 0.018 χ^2/NDF : 185846.4/8

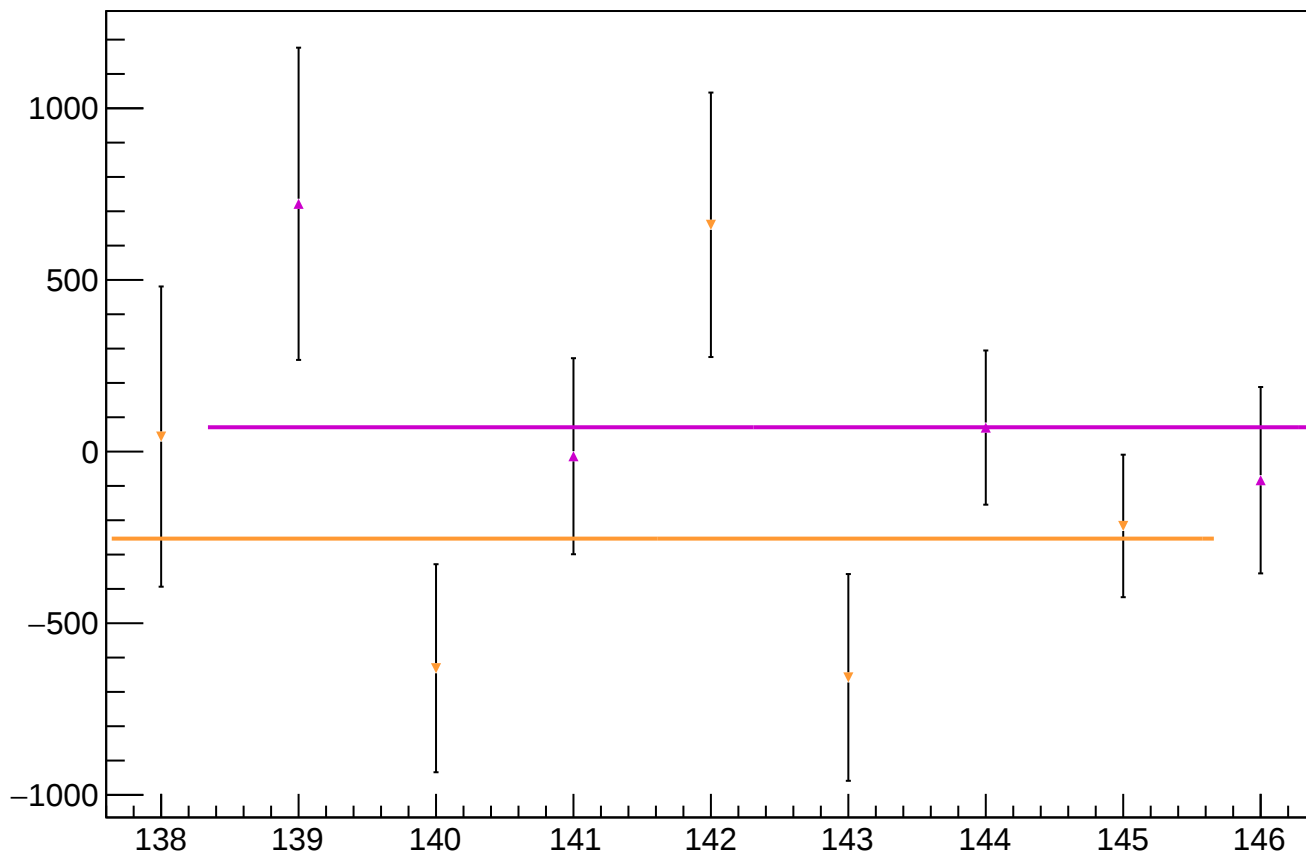
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 73.056 $\pm$ 0.017 χ^2/NDF : 1459780.2/20

Out: 71.733 $\pm$ 0.017 χ^2/NDF : 1929599.8/22

All: 72.374 $\pm$ 0.012 χ^2/NDF : 3392453.1/43

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -253.494+/-132.327 χ^2/NDF :9.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 70.882+/-140.724 χ^2/NDF :2.5/3

Left: -101.272+/-96.401 χ^2/NDF : 14.8/8

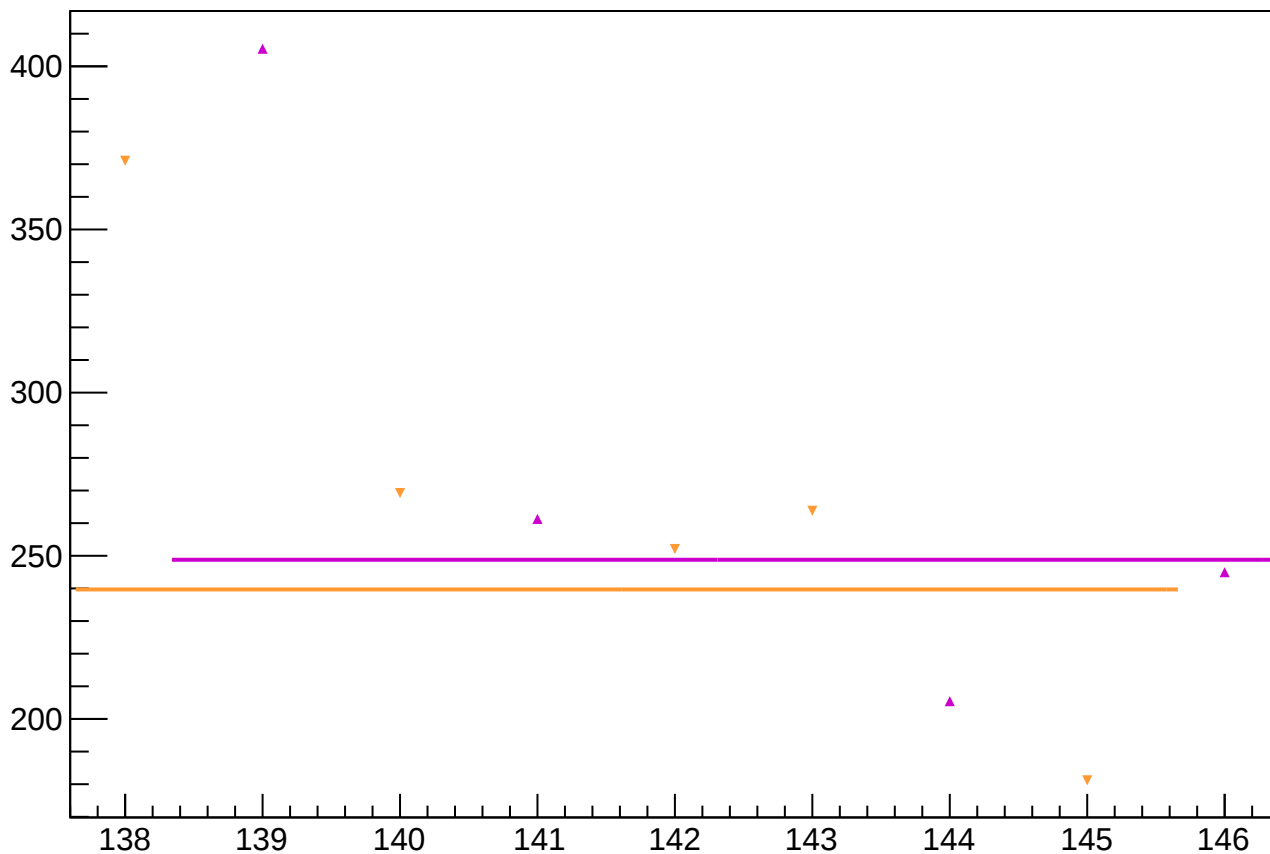
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.882+/-140.724 χ^2/NDF :2.5/3

Out: -253.494+/-132.327 χ^2/NDF :9.5/4

All: -101.272+/-96.401 χ^2/NDF : 14.8/8

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 239.688+/-0.094 χ^2/NDF : 373304.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.781+/-0.100 χ^2/NDF : 315896.0/3

Left: 243.955+/-0.068 χ^2/NDF : 693633.0/8

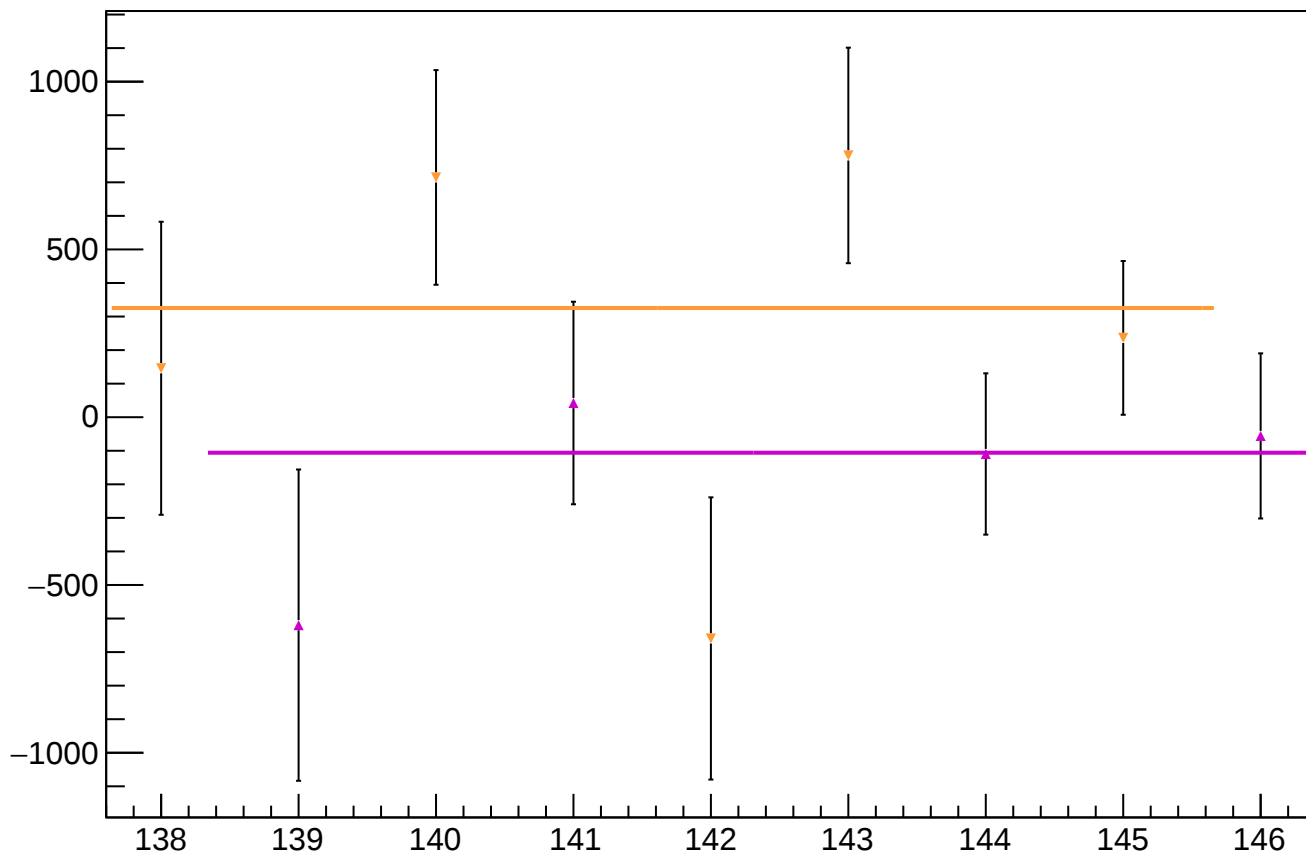
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.781+/-0.100 χ^2/NDF : 315896.0/3

Out: 239.688+/-0.094 χ^2/NDF : 373304.4/4

All: 243.955+/-0.068 χ^2/NDF : 693633.0/8

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 325.533 $\pm$ 142.246 χ^2 /NDF:9.3/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -105.829 $\pm$ 142.213 χ^2 /NDF:1.5/3

Left: 109.801 $\pm$ 100.571 χ^2 /NDF: 15.4/8

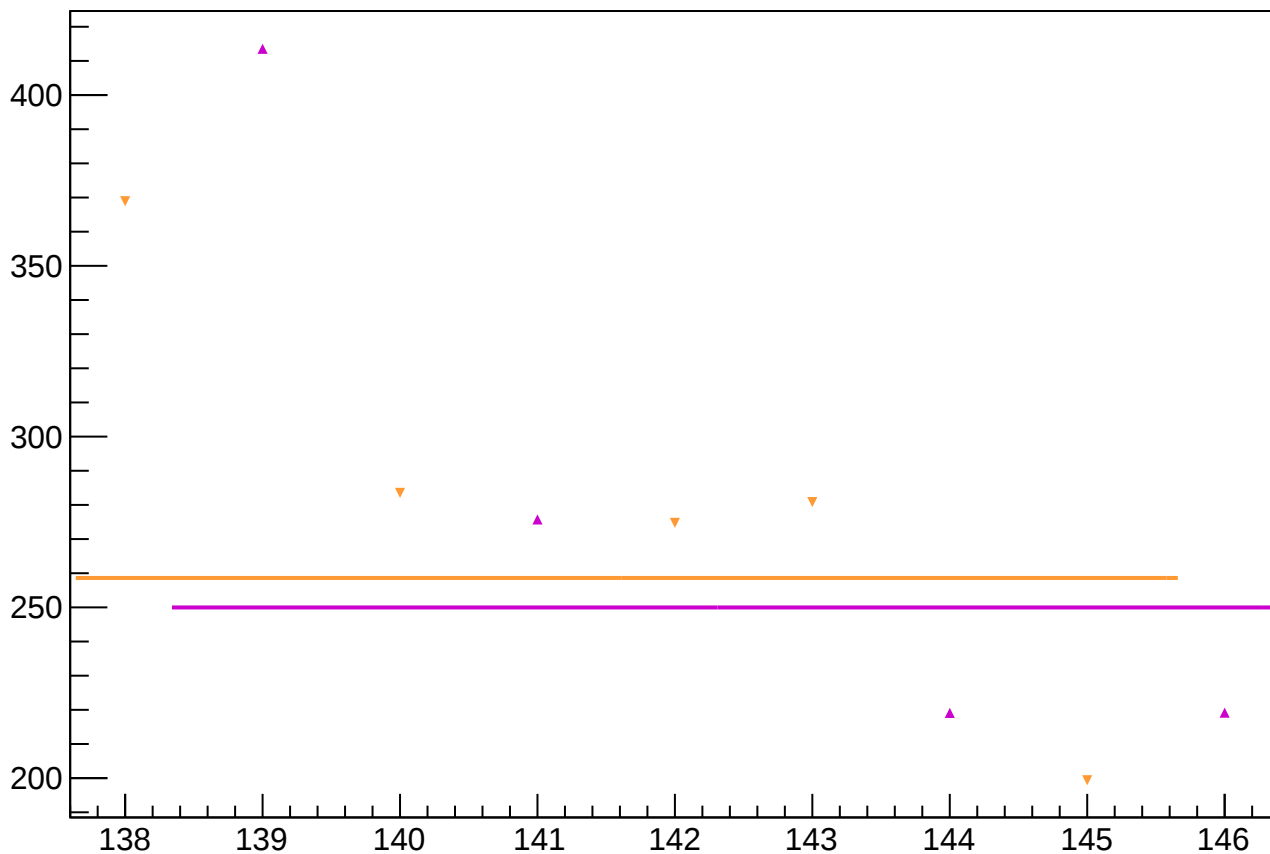
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -105.829 $\pm$ 142.213 χ^2 /NDF:1.5/3

Out: 325.533 $\pm$ 142.246 χ^2 /NDF:9.3/4

All: 109.801 $\pm$ 100.571 χ^2 /NDF: 15.4/8

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 258.613+/-0.101 χ^2/NDF :285950.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Left: 254.294+/-0.071 χ^2/NDF : 617251.9/8

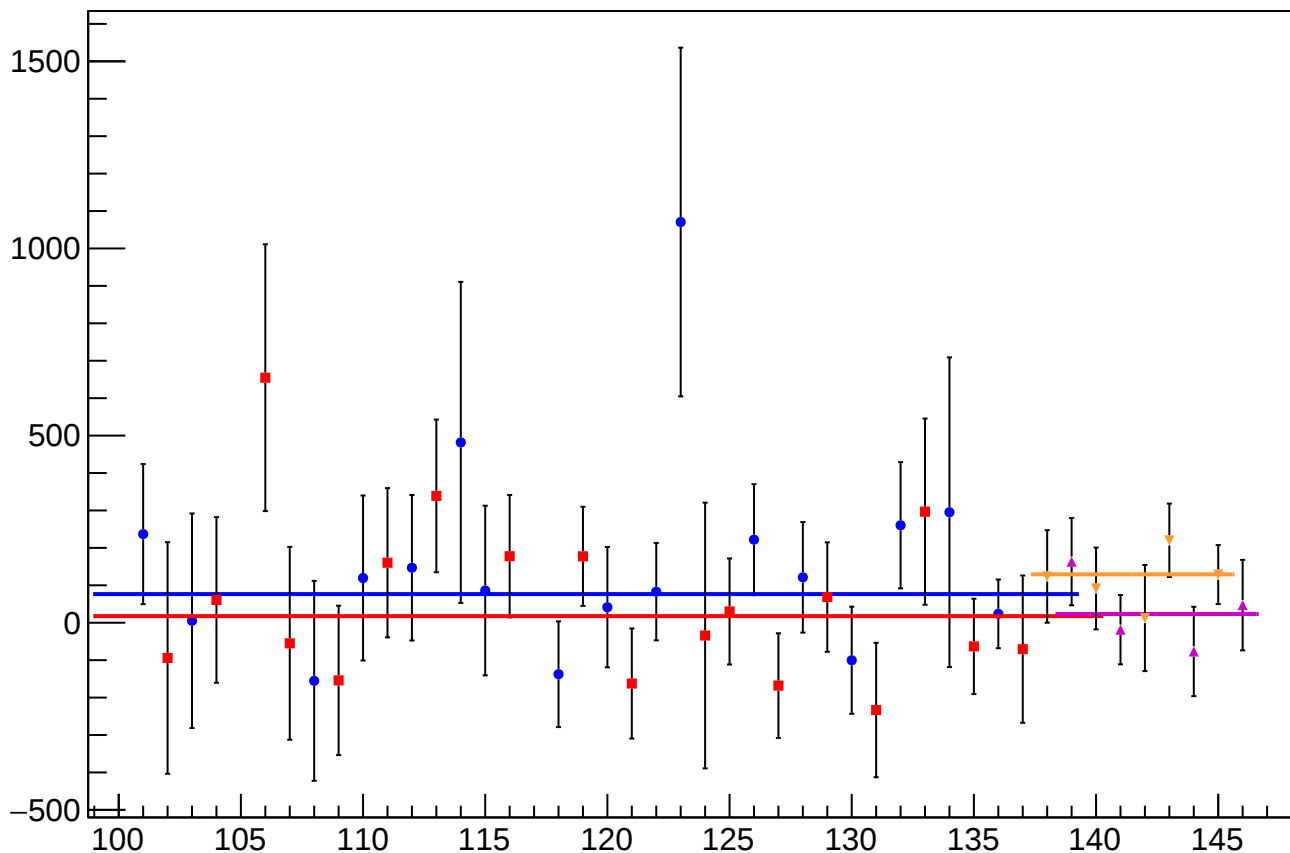
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Out: 258.613+/-0.101 χ^2/NDF :285950.8/4

All: 254.294+/-0.071 χ^2/NDF : 617251.9/8

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: 129.306 $\pm$ 46.422 χ^2 /NDF:1.7/4

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 23.355 $\pm$ 55.138 χ^2 /NDF:2.4/3

Left: 85.357 $\pm$ 35.512 χ^2 /NDF: 6.2/8

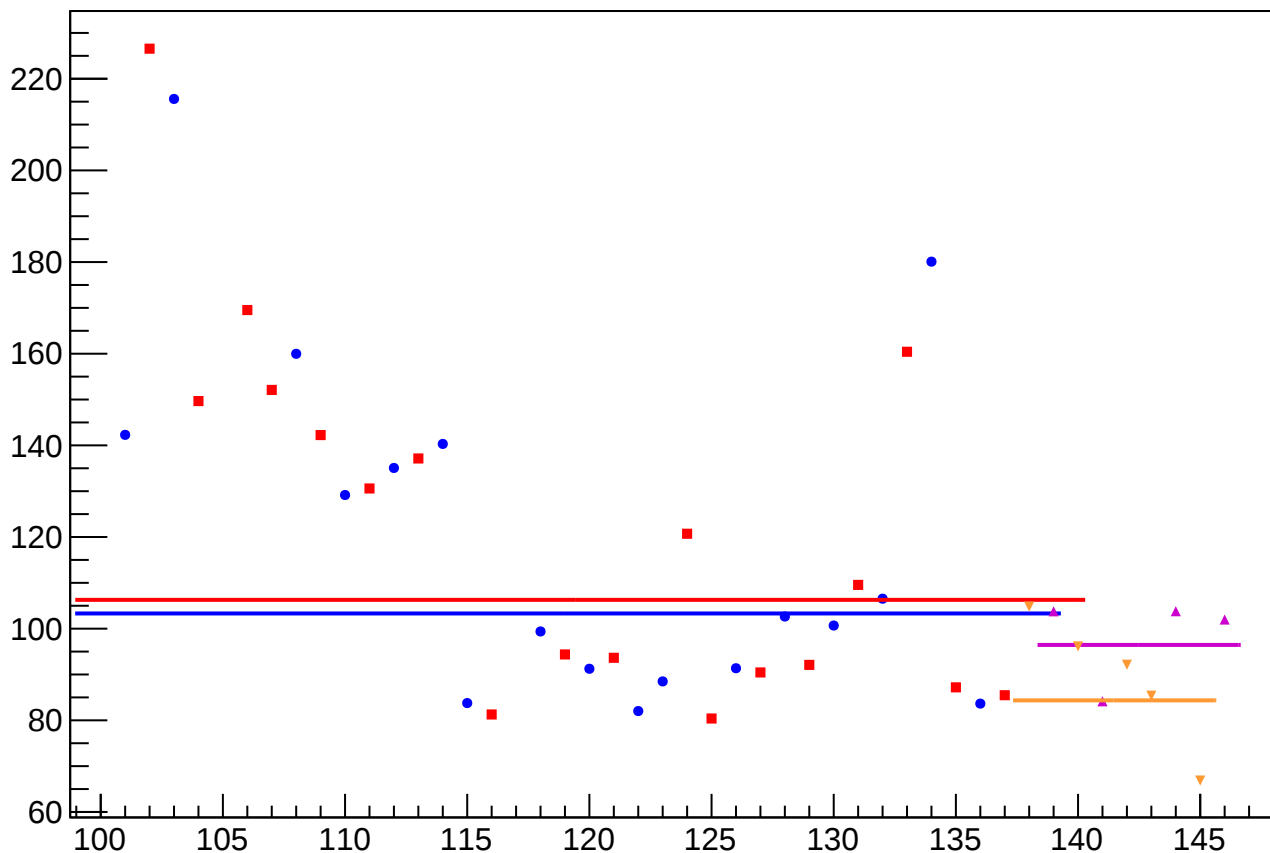
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 57.249 $\pm$ 33.187 χ^2 /NDF:16.9/20

Out: 68.273 $\pm$ 31.266 χ^2 /NDF:21.6/22

All: 63.089 $\pm$ 22.757 χ^2 /NDF: 38.6/43

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: 84.352 $\pm$ 0.033 χ^2 /NDF:182954.8/4

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 96.451 $\pm$ 0.039 χ^2 /NDF:55021.4/3

Left: 89.371 $\pm$ 0.025 χ^2 /NDF: 294325.7/8

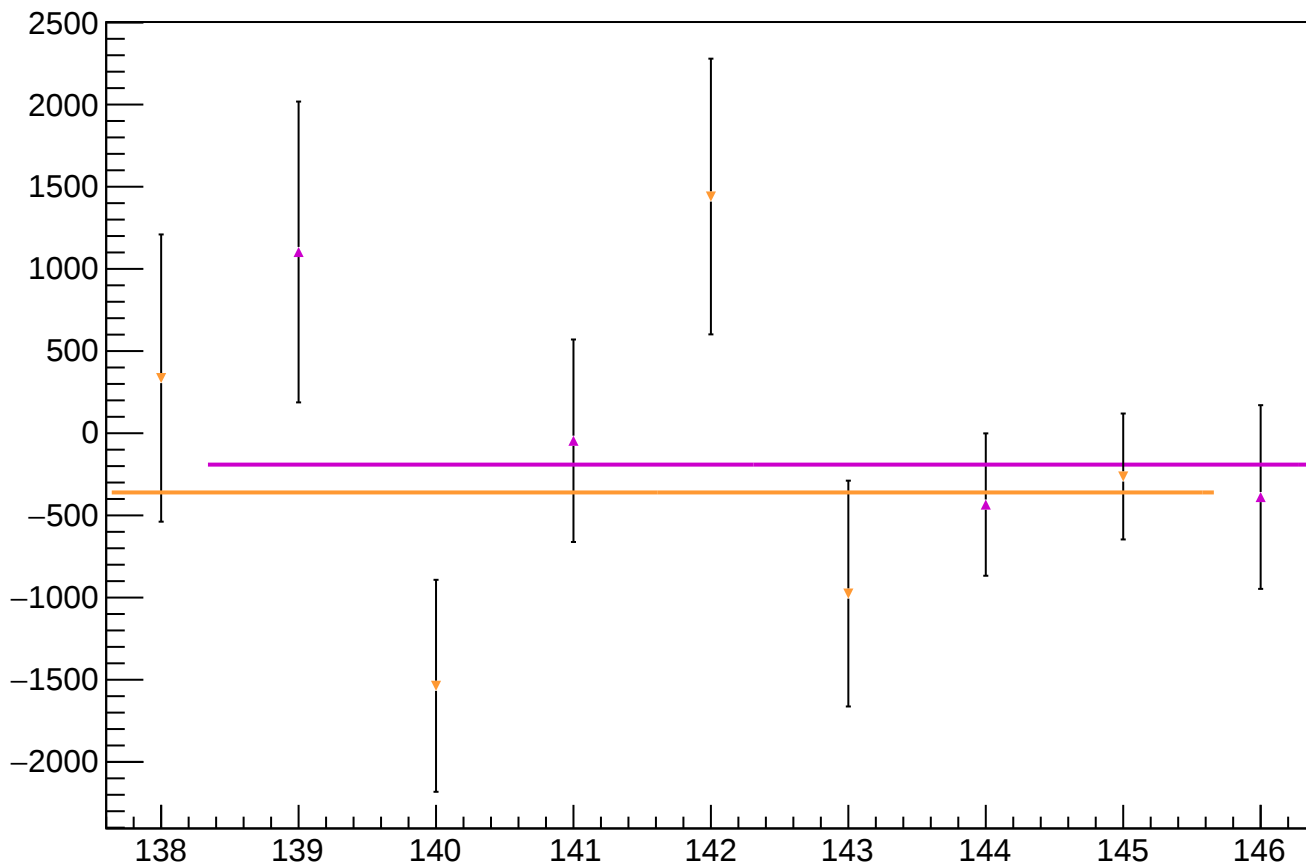
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 100.830 $\pm$ 0.023 χ^2 /NDF:912604.2/20

Out: 96.338 $\pm$ 0.022 χ^2 /NDF:1427673.7/22

All: 98.450 $\pm$ 0.016 χ^2 /NDF: 2359688.0/43

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -360.326+/-266.623 χ^2/NDF : 9.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -190.939+/-284.450 χ^2/NDF : 2.5/3

Left: -281.106+/-194.528 χ^2/NDF : 12.1/8

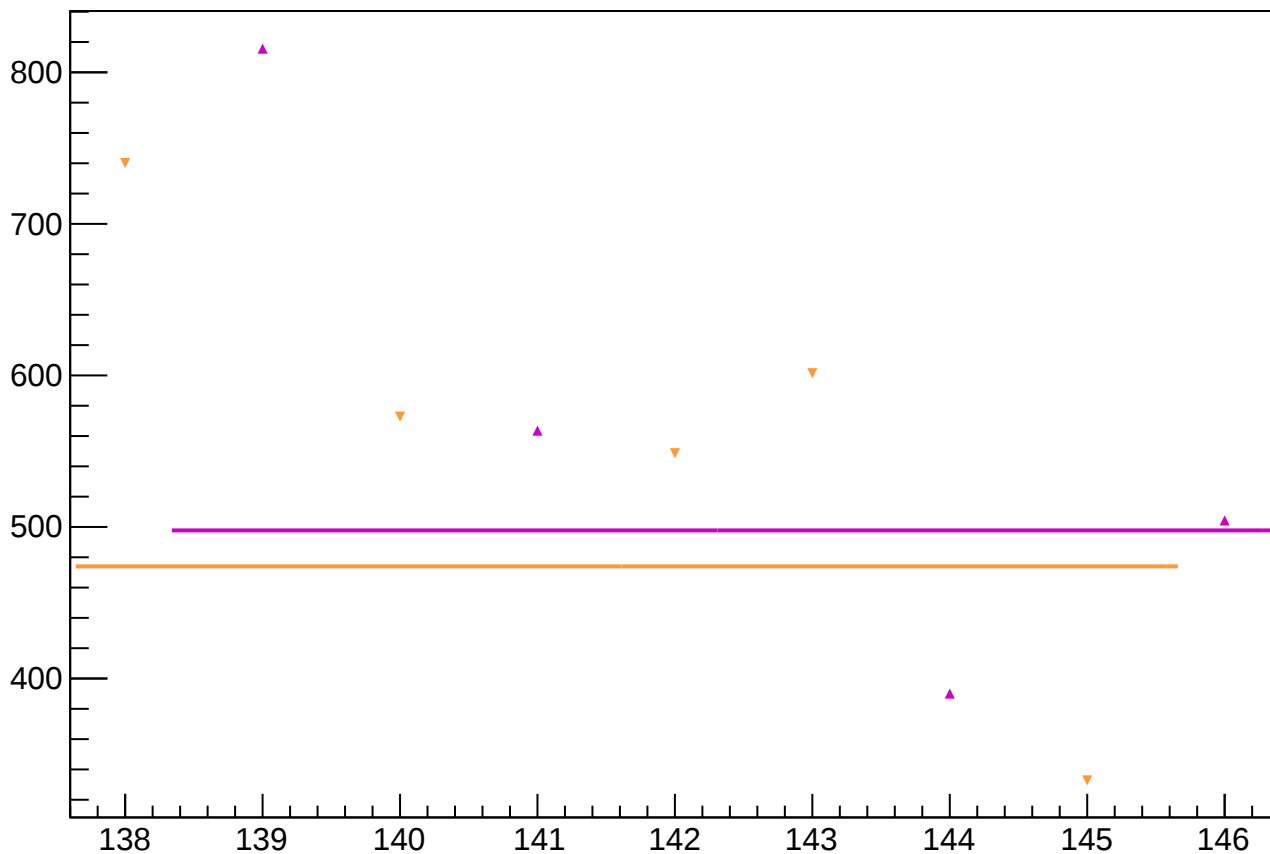
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -190.939+/-284.450 χ^2/NDF : 2.5/3

Out: -360.326+/-266.623 χ^2/NDF : 9.4/4

All: -281.106+/-194.528 χ^2/NDF : 12.1/8

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 473.995 ± 0.189 $\chi^2/\text{NDF}: 588955.1/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 497.739 ± 0.201 $\chi^2/\text{NDF}: 387957.4/3$

Left: 485.100 ± 0.138 $\chi^2/\text{NDF}: 984330.2/8$

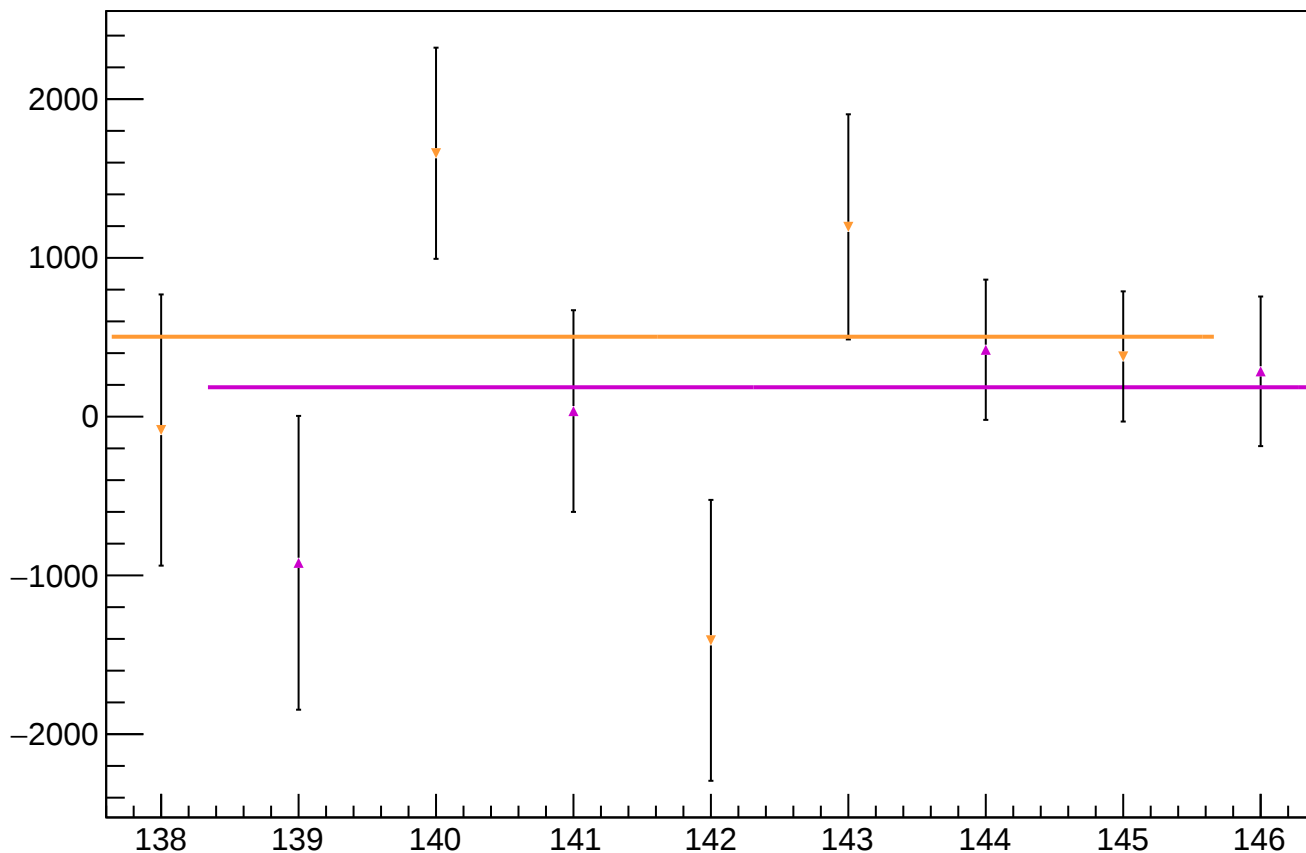
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 497.739 ± 0.201 $\chi^2/\text{NDF}: 387957.4/3$

Out: 473.995 ± 0.189 $\chi^2/\text{NDF}: 588955.1/4$

All: 485.100 ± 0.138 $\chi^2/\text{NDF}: 984330.2/8$

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 503.412+/-278.998 χ^2/NDF : 9.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 185.102+/-274.433 χ^2/NDF : 1.8/3

Left: 341.631+/-195.647 χ^2/NDF : 11.7/8

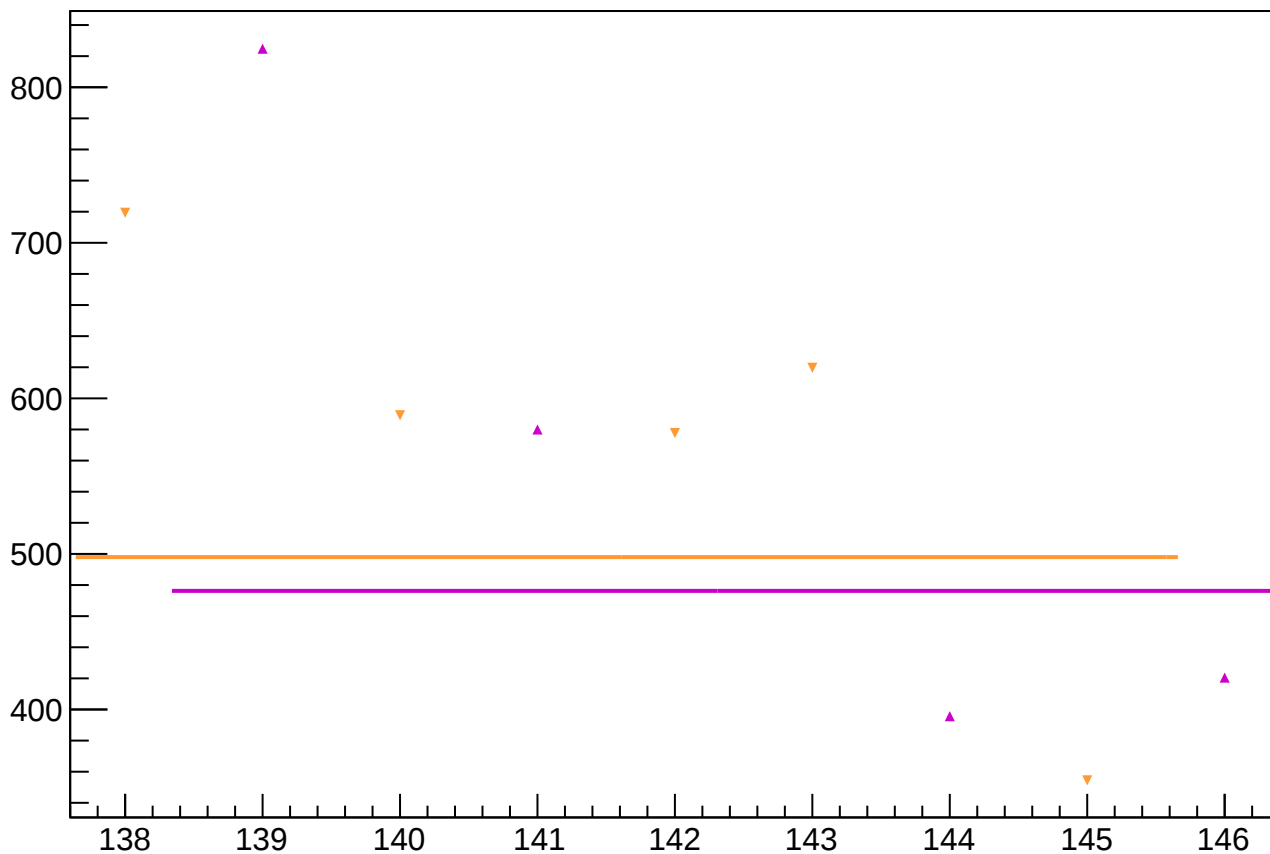
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 185.102+/-274.433 χ^2/NDF : 1.8/3

Out: 503.412+/-278.998 χ^2/NDF : 9.2/4

All: 341.631+/-195.647 χ^2/NDF : 11.7/8

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 497.959+/-0.197 χ^2/NDF :492166.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Left: 486.924+/-0.138 χ^2/NDF : 930023.1/8

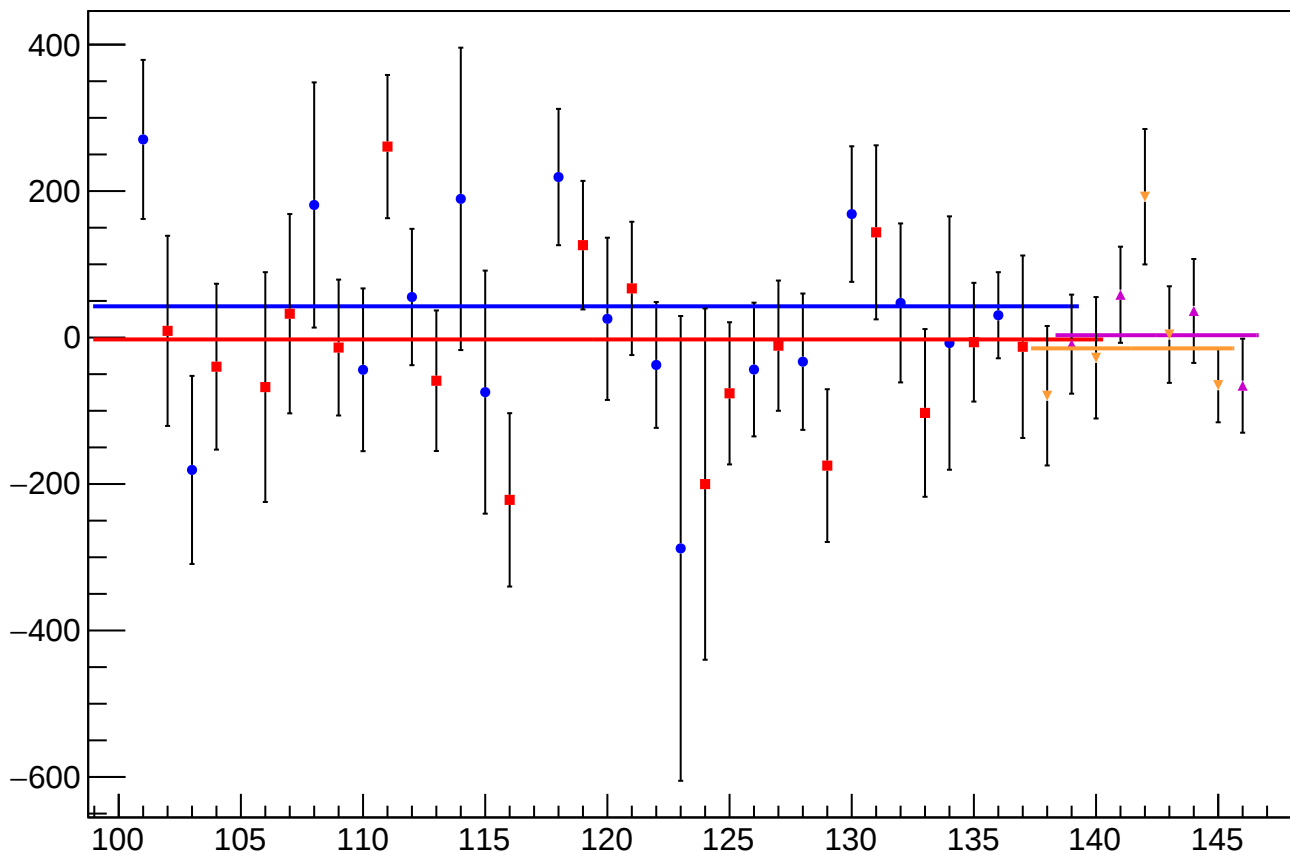
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Out: 497.959+/-0.197 χ^2/NDF :492166.1/4

All: 486.924+/-0.138 χ^2/NDF : 930023.1/8

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: -14.775 $\pm$ 31.751 χ^2/NDF : 6.6/4

Right Out: -2.576 $\pm$ 25.088 χ^2/NDF : 20.4/17

Left In: 3.193 $\pm$ 33.481 χ^2/NDF : 2.1/3

Left: -6.267 $\pm$ 23.039 χ^2/NDF : 8.8/8

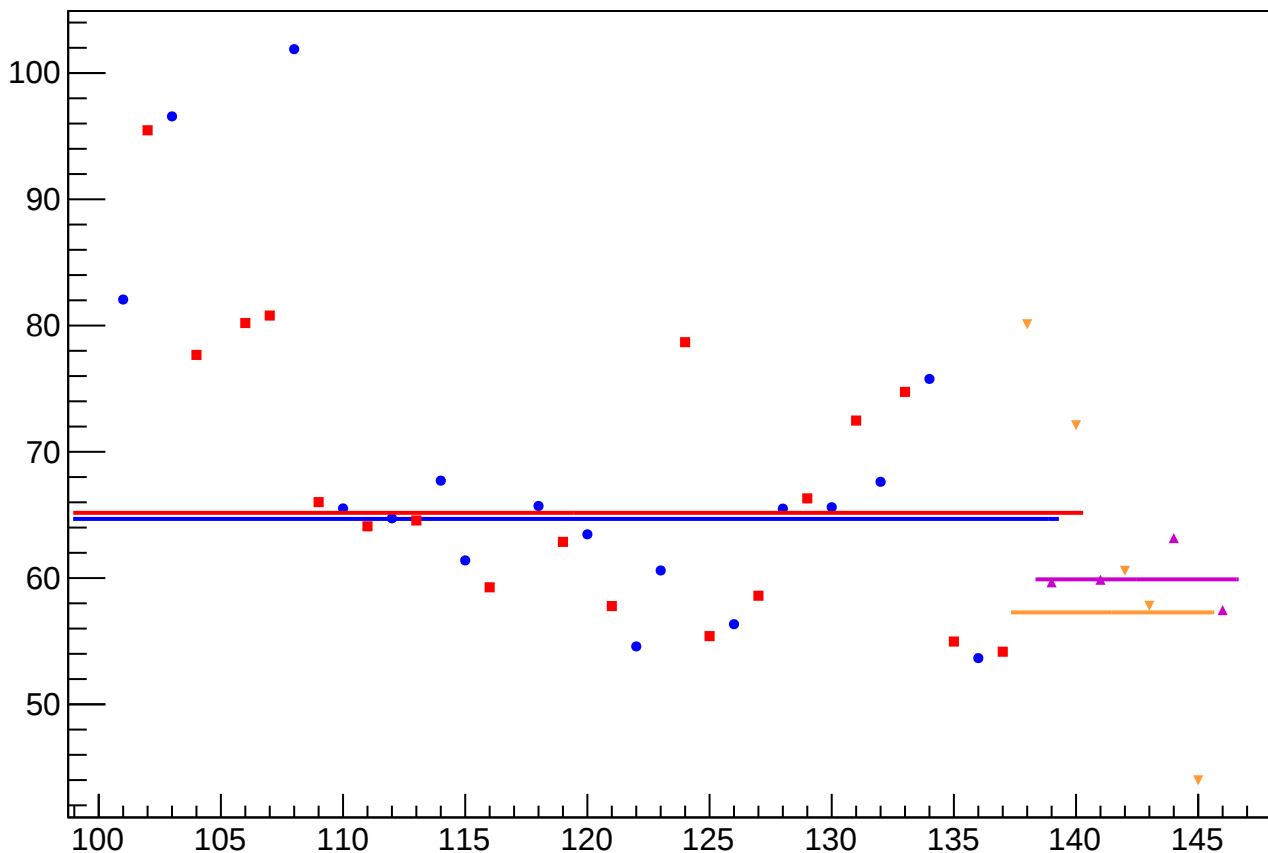
Right: 19.683 $\pm$ 17.879 χ^2/NDF : 40.9/34

In: 28.177 $\pm$ 20.279 χ^2/NDF : 21.8/20

Out: -7.265 $\pm$ 19.685 χ^2/NDF : 27.1/22

All: 9.929 $\pm$ 14.125 χ^2/NDF : 50.5/43

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: 57.281 $\pm$ 0.022 χ^2 /NDF:319172.9/4

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 59.898 $\pm$ 0.024 χ^2 /NDF:7147.1/3

Left: 58.520 $\pm$ 0.016 χ^2 /NDF: 332755.9/8

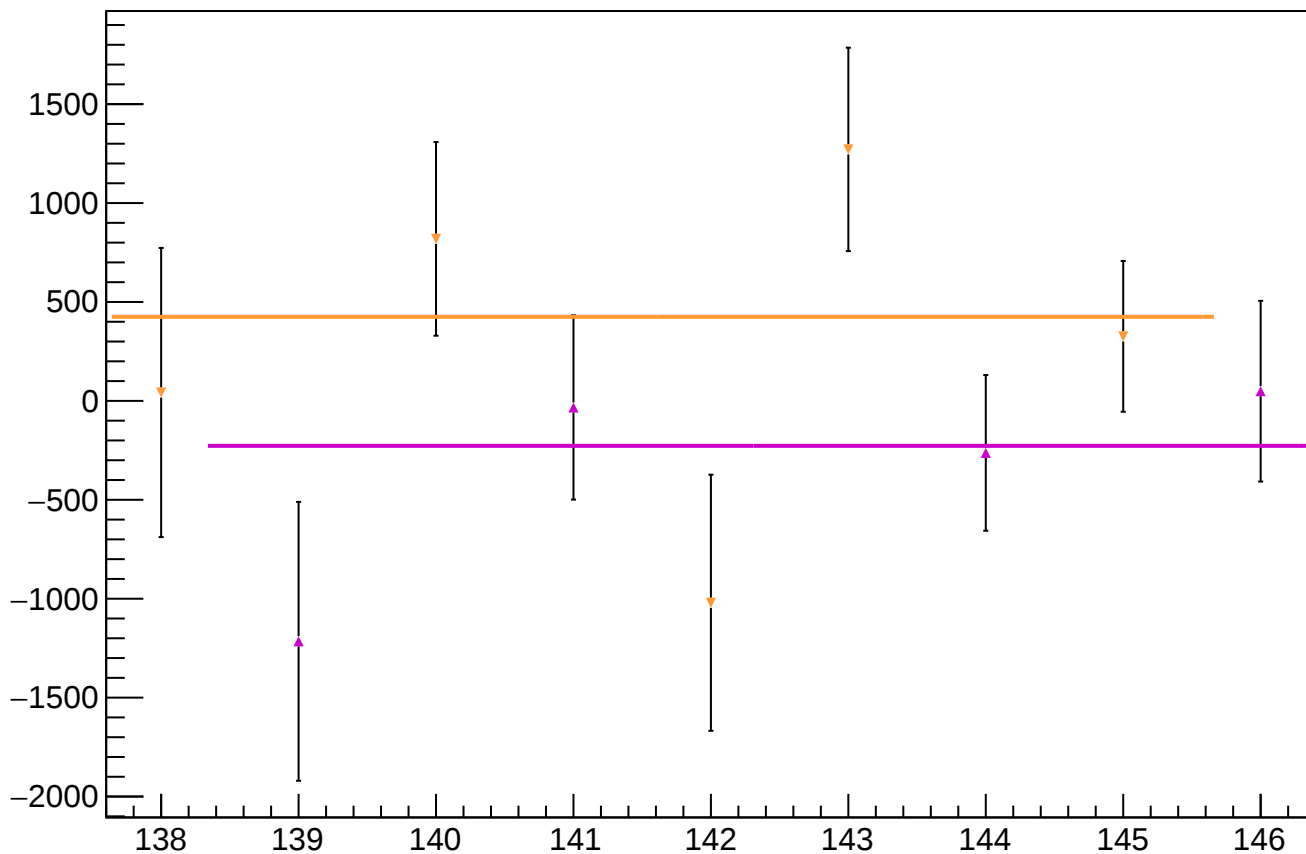
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 62.929 $\pm$ 0.014 χ^2 /NDF:433224.8/20

Out: 62.136 $\pm$ 0.014 χ^2 /NDF:699723.7/22

All: 62.521 $\pm$ 0.010 χ^2 /NDF: 1134524.3/43

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: 424.893+/-228.826 χ^2/NDF : 8.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -227.276+/-236.524 χ^2/NDF : 2.5/3

Left: 109.594+/-164.458 χ^2/NDF : 15.1/8

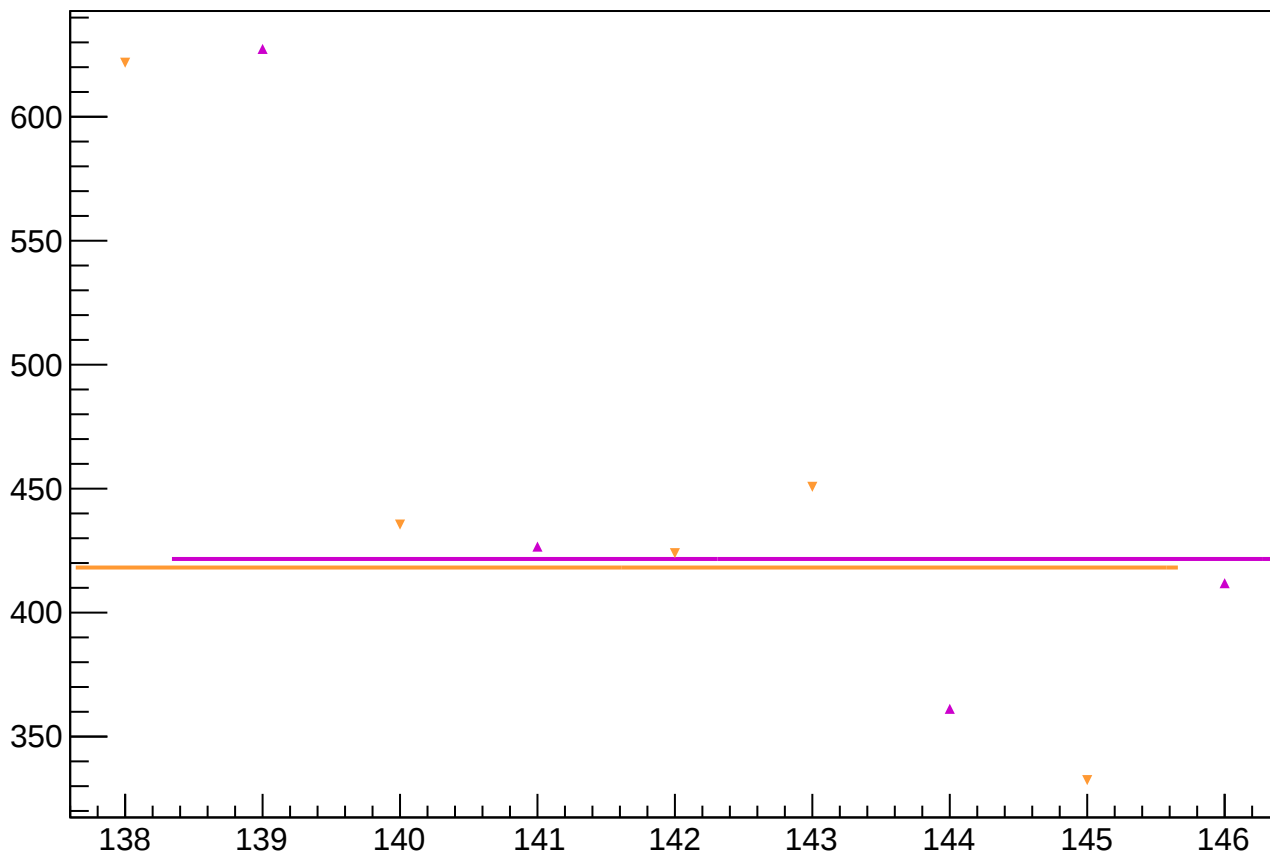
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -227.276+/-236.524 χ^2/NDF : 2.5/3

Out: 424.893+/-228.826 χ^2/NDF : 8.7/4

All: 109.594+/-164.458 χ^2/NDF : 15.1/8

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: 418.186+/-0.162 χ^2/NDF :267155.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 421.639+/-0.167 χ^2/NDF :218681.3/3

Left: 419.856+/-0.116 χ^2/NDF : 486056.8/8

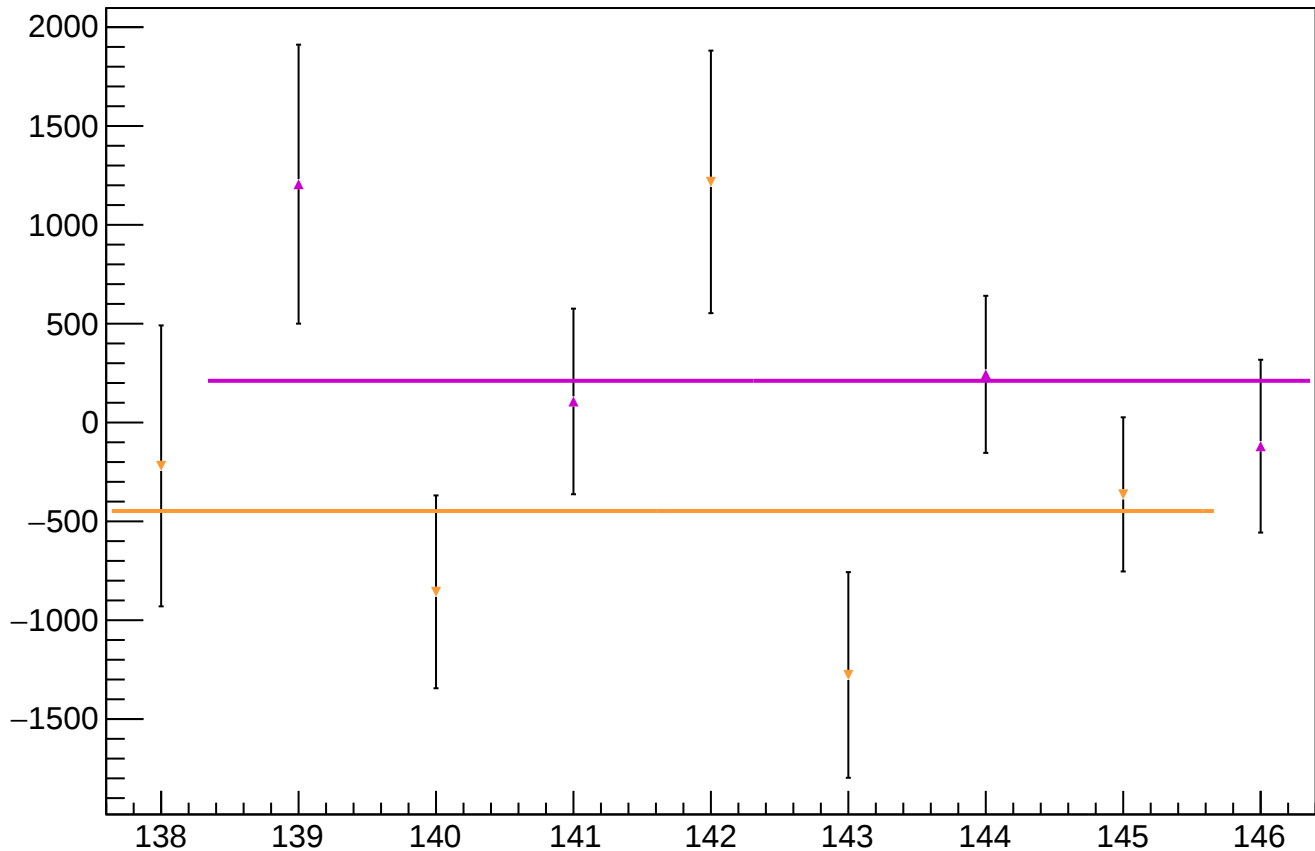
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 421.639+/-0.167 χ^2/NDF :218681.3/3

Out: 418.186+/-0.162 χ^2/NDF :267155.4/4

All: 419.856+/-0.116 χ^2/NDF : 486056.8/8

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -447.694+/-231.105 χ^2/NDF : 9.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 211.095+/-234.962 χ^2/NDF : 2.6/3

Left: -123.752+/-164.763 χ^2/NDF : 16.3/8

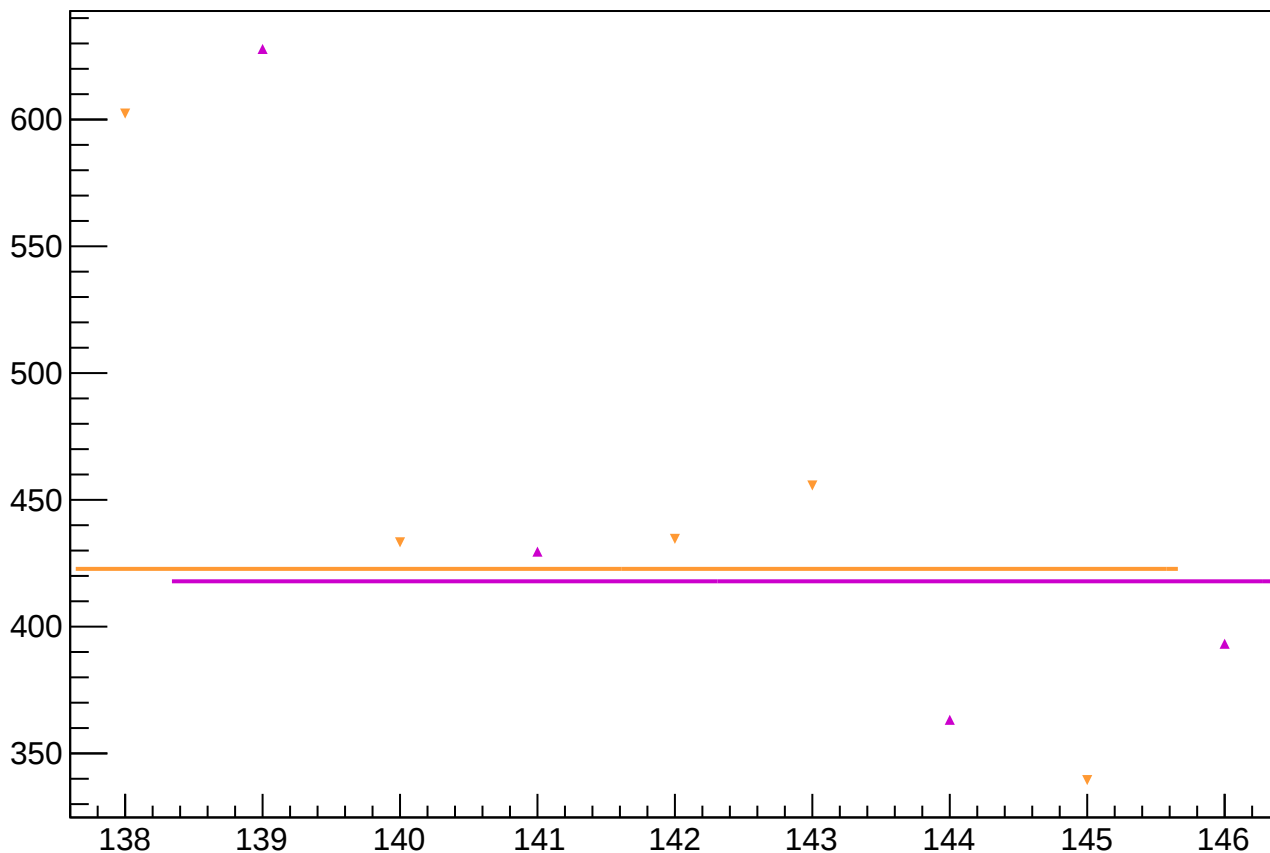
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 211.095+/-234.962 χ^2/NDF : 2.6/3

Out: -447.694+/-231.105 χ^2/NDF : 9.7/4

All: -123.752+/-164.763 χ^2/NDF : 16.3/8

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 422.780+/-0.163 χ^2/NDF :228567.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 417.875+/-0.166 χ^2/NDF :222461.8/3

Left: 420.368+/-0.117 χ^2/NDF : 451471.9/8

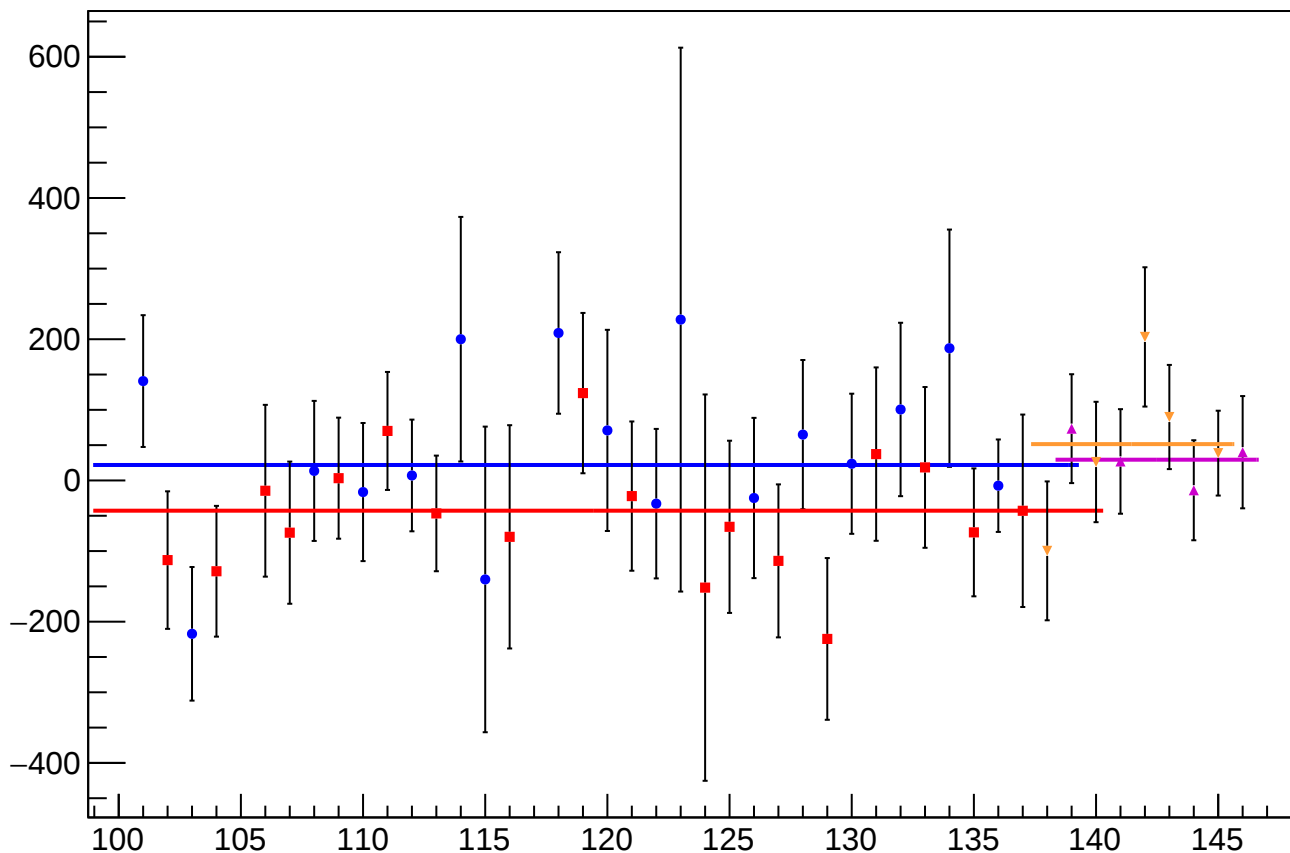
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 417.875+/-0.166 χ^2/NDF :222461.8/3

Out: 422.780+/-0.163 χ^2/NDF :228567.0/4

All: 420.368+/-0.117 χ^2/NDF : 451471.9/8

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 χ^2/NDF : 15.1/16

Left Out: 51.461 ± 35.255 χ^2/NDF : 5.1/4

Right Out: -42.817 ± 25.116 χ^2/NDF : 9.9/17

Left In: 29.390 ± 37.573 χ^2/NDF : 0.7/3

Left: 41.128 ± 25.709 χ^2/NDF : 6.0/8

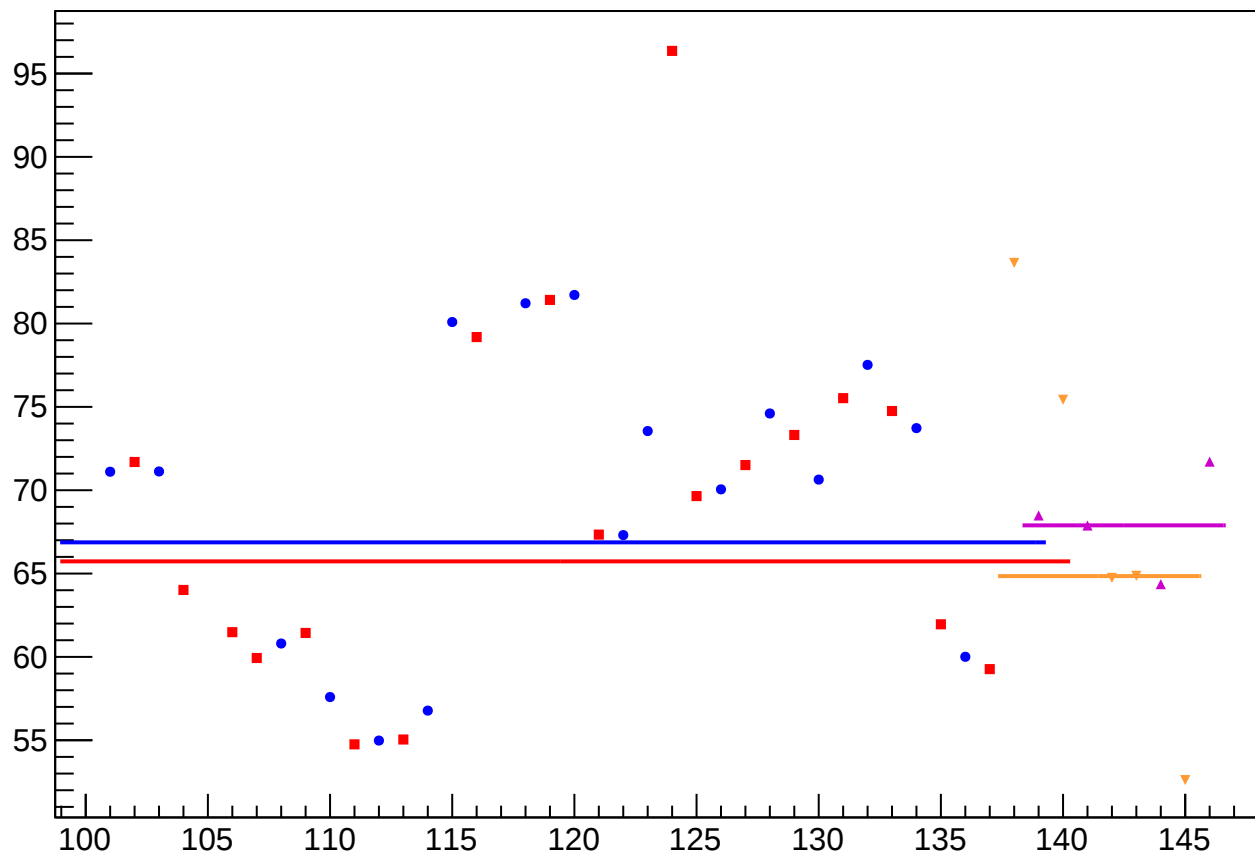
Right: -11.642 ± 18.082 χ^2/NDF : 28.1/34

In: 24.338 ± 21.411 χ^2/NDF : 15.8/20

Out: -11.077 ± 20.456 χ^2/NDF : 19.7/22

All: 5.823 ± 14.791 χ^2/NDF : 37.0/43

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: 64.847 $\pm$ 0.025 χ^2/NDF :186826.0/4

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 67.892 $\pm$ 0.027 χ^2/NDF :9708.0/3

Left: 66.273 $\pm$ 0.018 χ^2/NDF : 203518.2/8

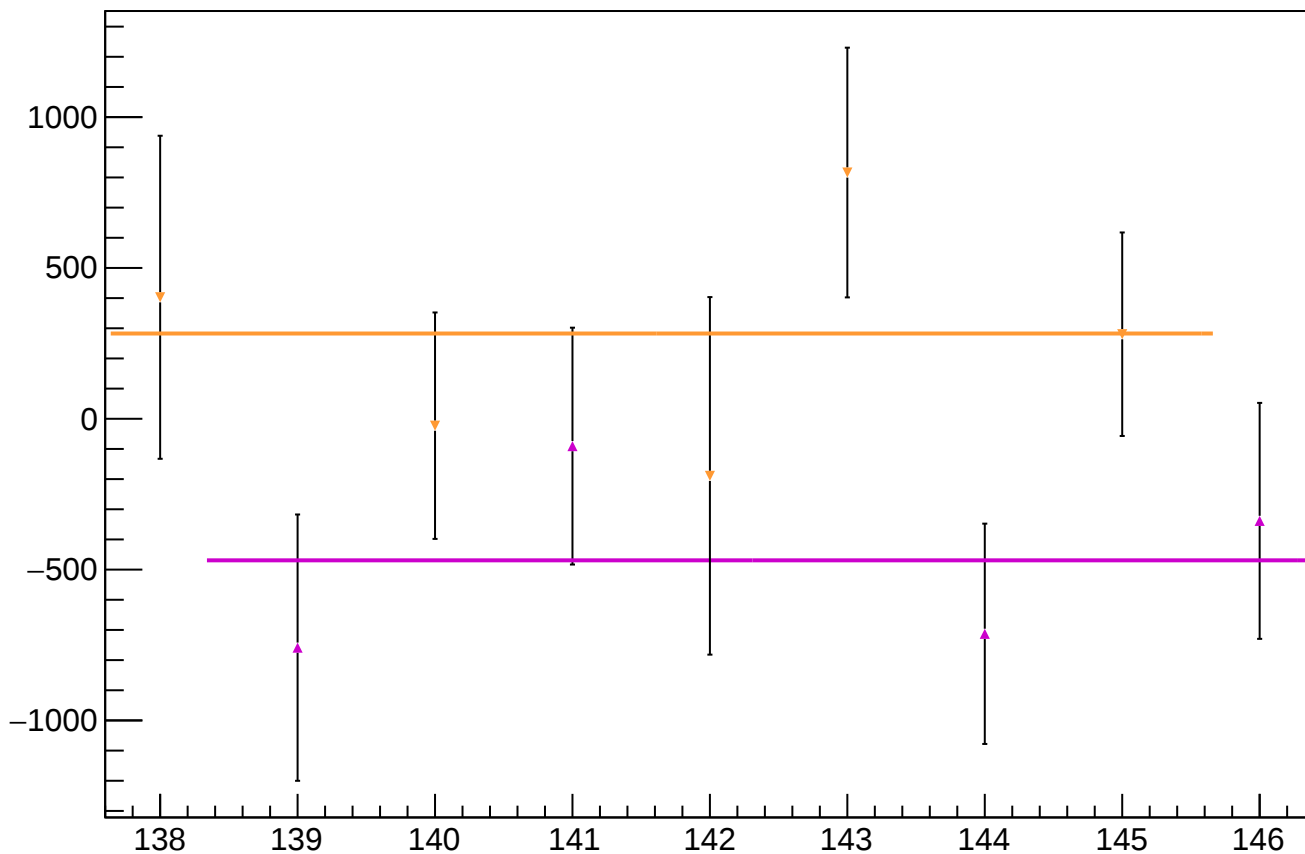
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 67.203 $\pm$ 0.015 χ^2/NDF :213218.9/20

Out: 65.433 $\pm$ 0.014 χ^2/NDF :406526.0/22

All: 66.278 $\pm$ 0.010 χ^2/NDF : 626891.3/43

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: 282.669+/-188.784 χ^2/NDF : 3.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -469.273+/-197.429 χ^2/NDF : 1.9/3

Left: -76.480+/-136.444 χ^2/NDF : 12.5/8

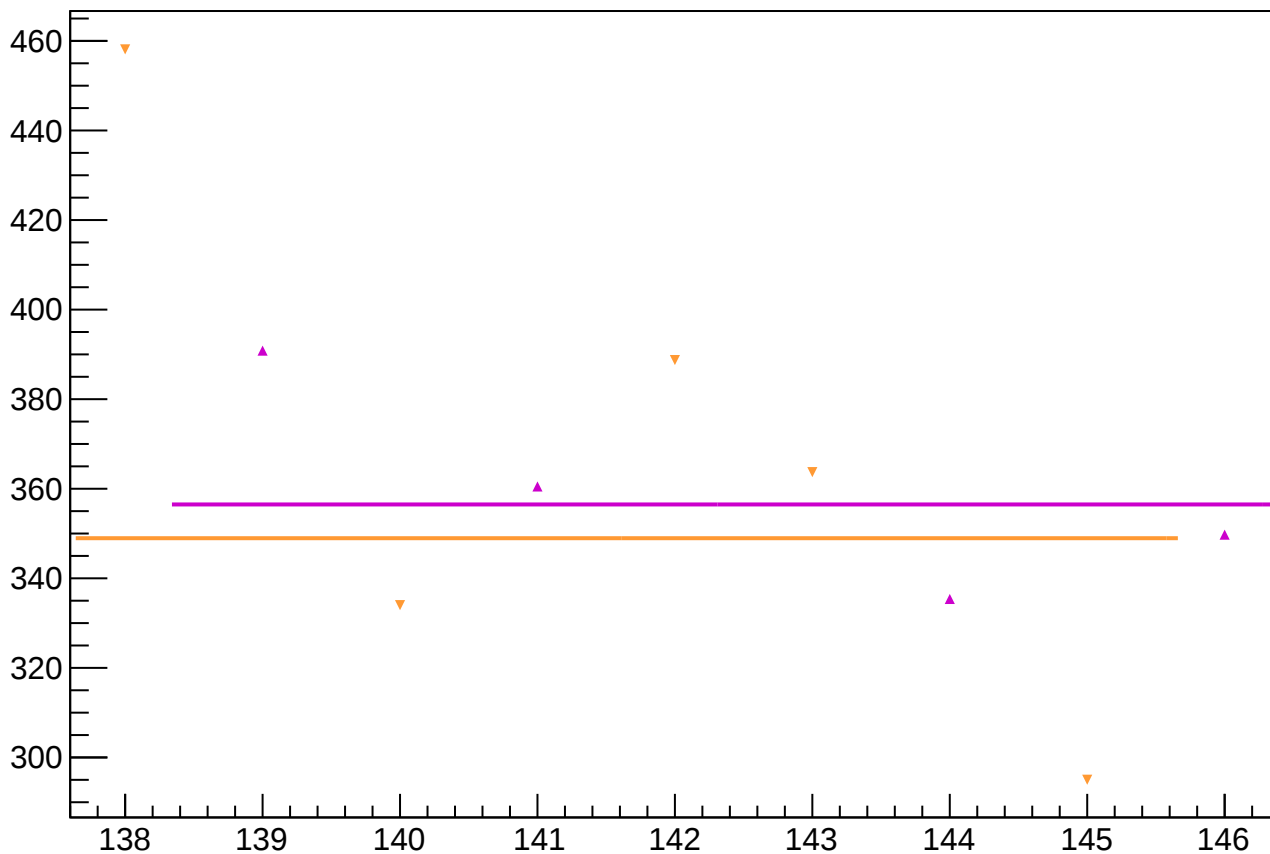
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -469.273+/-197.429 χ^2/NDF : 1.9/3

Out: 282.669+/-188.784 χ^2/NDF : 3.0/4

All: -76.480+/-136.444 χ^2/NDF : 12.5/8

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: 348.956+/-0.133 χ^2/NDF :148959.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 356.493+/-0.140 χ^2/NDF :19592.2/3

Left: 352.556+/-0.096 χ^2/NDF : 170074.5/8

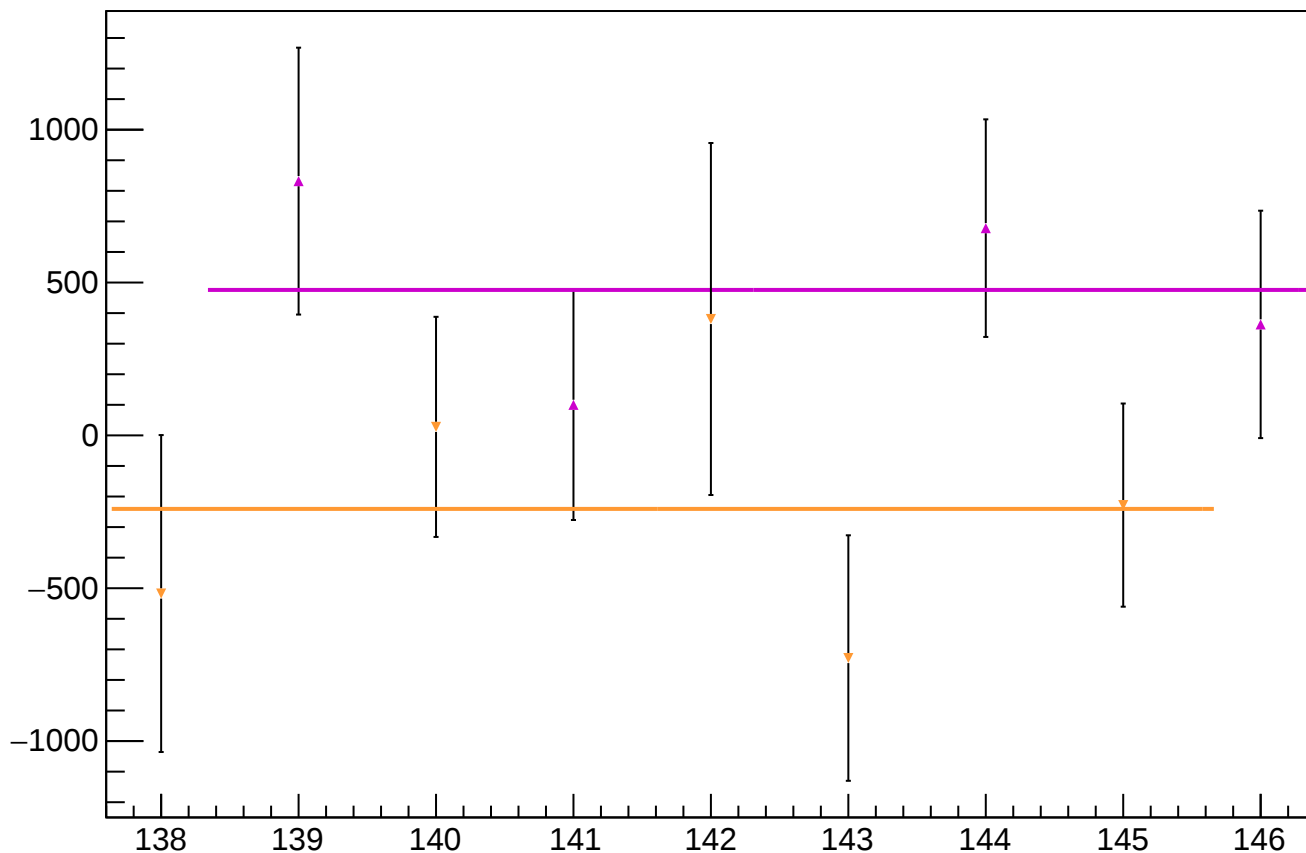
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.493+/-0.140 χ^2/NDF :19592.2/3

Out: 348.956+/-0.133 χ^2/NDF :148959.7/4

All: 352.556+/-0.096 χ^2/NDF : 170074.5/8

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -240.491+/-183.471 χ^2/NDF : 3.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.855+/-190.993 χ^2/NDF : 2.1/3

Left: 103.299+/-132.313 χ^2/NDF : 12.9/8

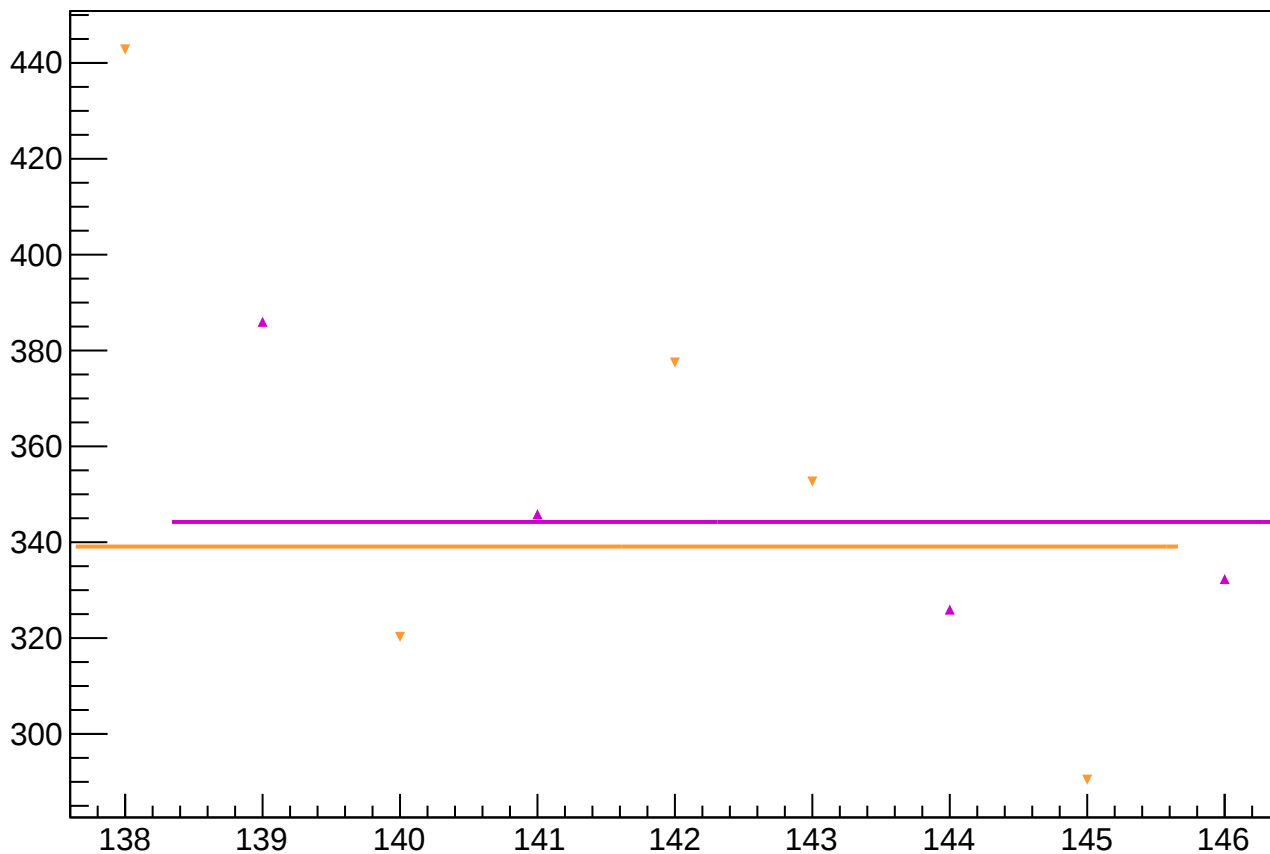
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.855+/-190.993 χ^2/NDF : 2.1/3

Out: -240.491+/-183.471 χ^2/NDF : 3.5/4

All: 103.299+/-132.313 χ^2/NDF : 12.9/8

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 339.100+/-0.130 χ^2/NDF :139566.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Left: 341.564+/-0.094 χ^2/NDF : 165996.4/8

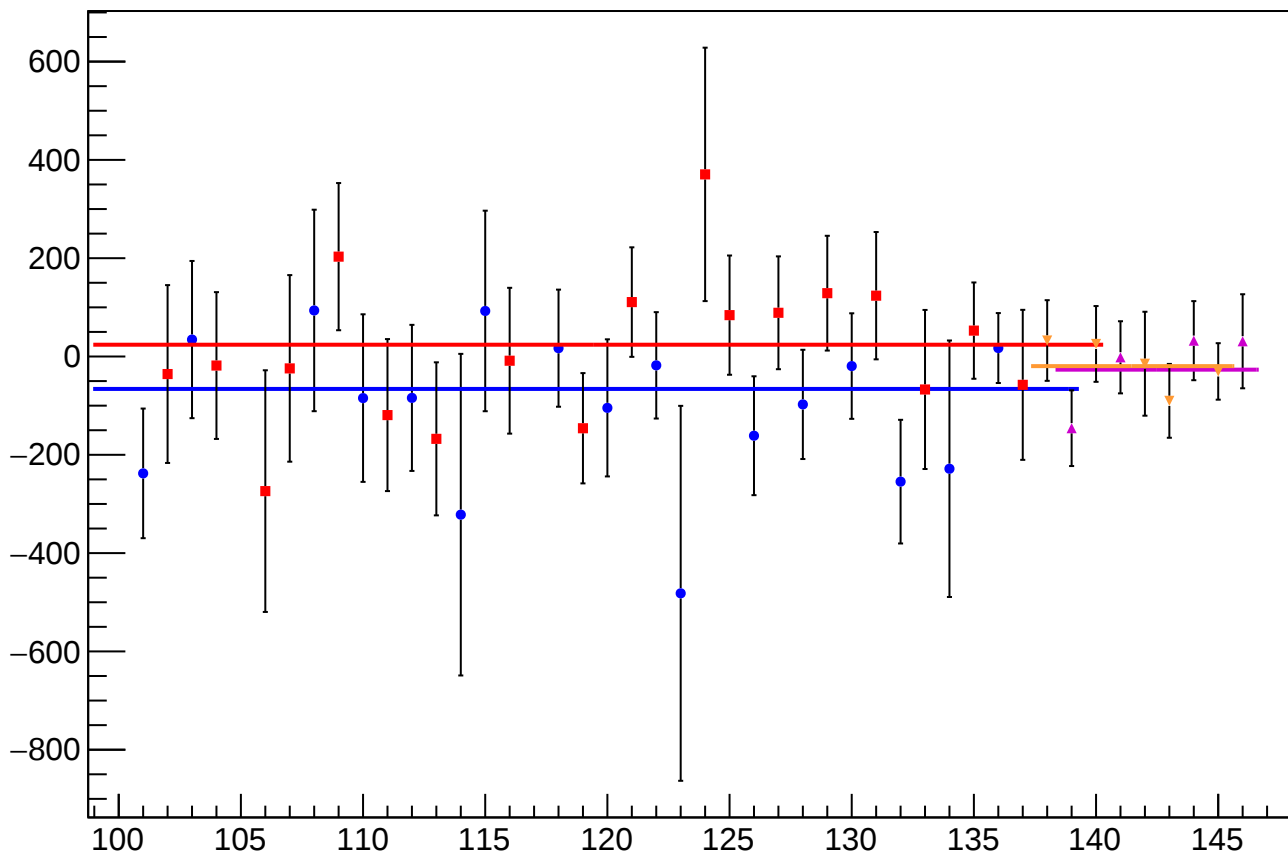
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Out: 339.100+/-0.130 χ^2/NDF :139566.1/4

All: 341.564+/-0.094 χ^2/NDF : 165996.4/8

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -19.586 ± 33.588 χ^2/NDF : 1.7/4

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -26.778 ± 40.219 χ^2/NDF : 3.4/3

Left: -22.541 ± 25.780 χ^2/NDF : 5.1/8

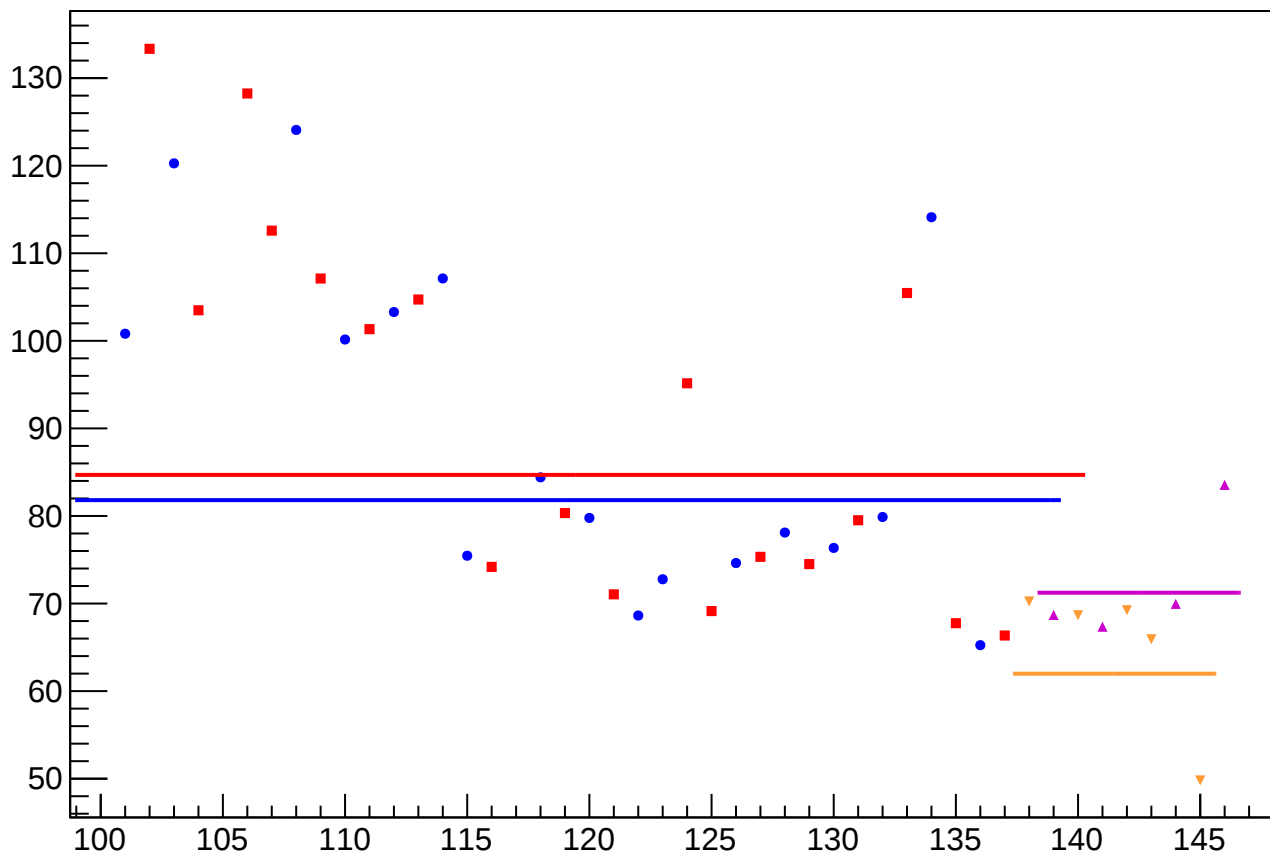
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -50.613 ± 25.179 χ^2/NDF : 14.8/20

Out: 2.720 ± 23.463 χ^2/NDF : 15.5/22

All: -22.067 ± 17.165 χ^2/NDF : 32.6/43

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: 61.991 $\pm$ 0.024 χ^2/NDF : 140079.6/4

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 71.237 $\pm$ 0.028 χ^2/NDF : 41413.6/3

Left: 65.790 $\pm$ 0.018 χ^2/NDF : 243754.0/8

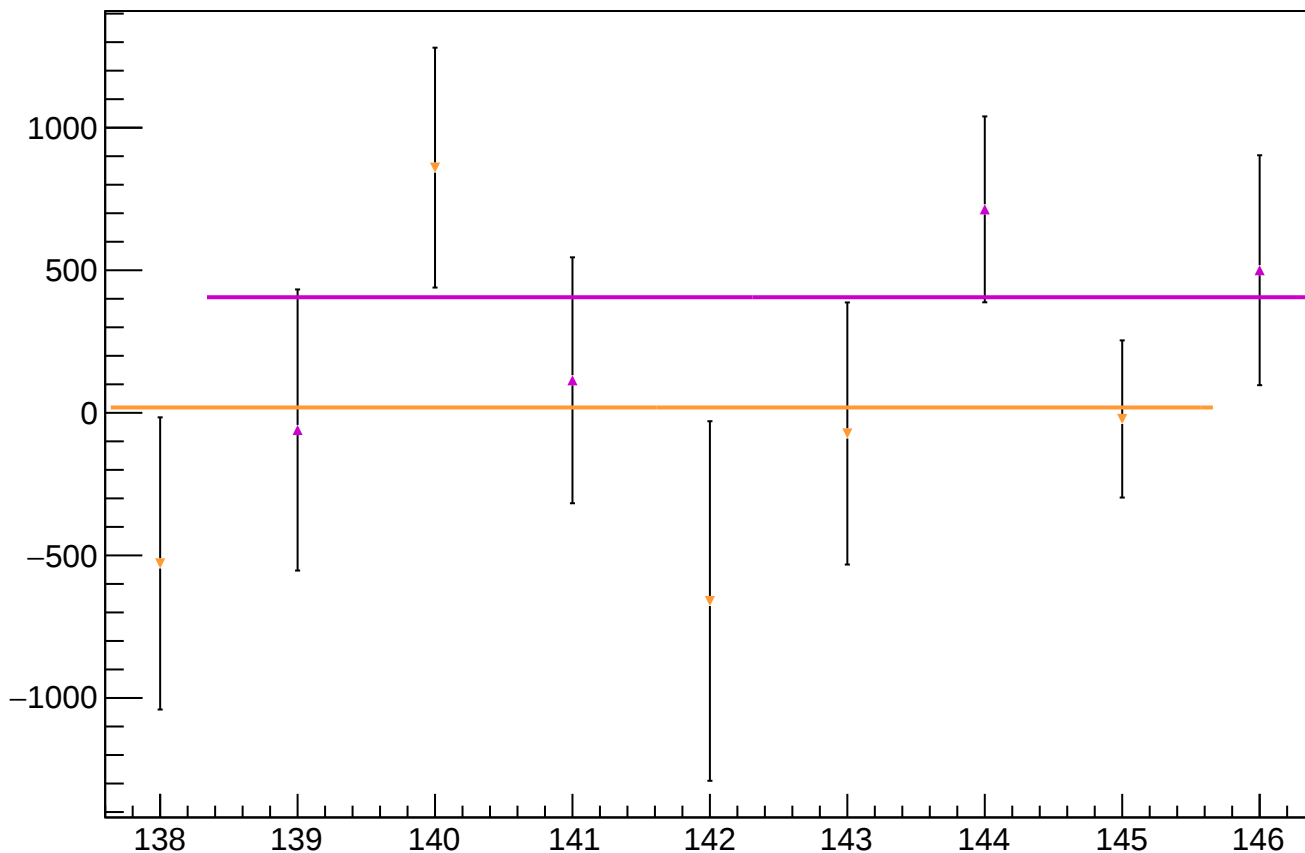
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 77.665 $\pm$ 0.018 χ^2/NDF : 632638.4/20

Out: 73.614 $\pm$ 0.017 χ^2/NDF : 1223726.6/22

All: 75.497 $\pm$ 0.012 χ^2/NDF : 1884078.5/43

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: 18.829+/-182.948 χ^2/NDF : 6.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 405.439+/-199.778 χ^2/NDF : 2.3/3

Left: 195.166+/-134.922 χ^2/NDF : 10.7/8

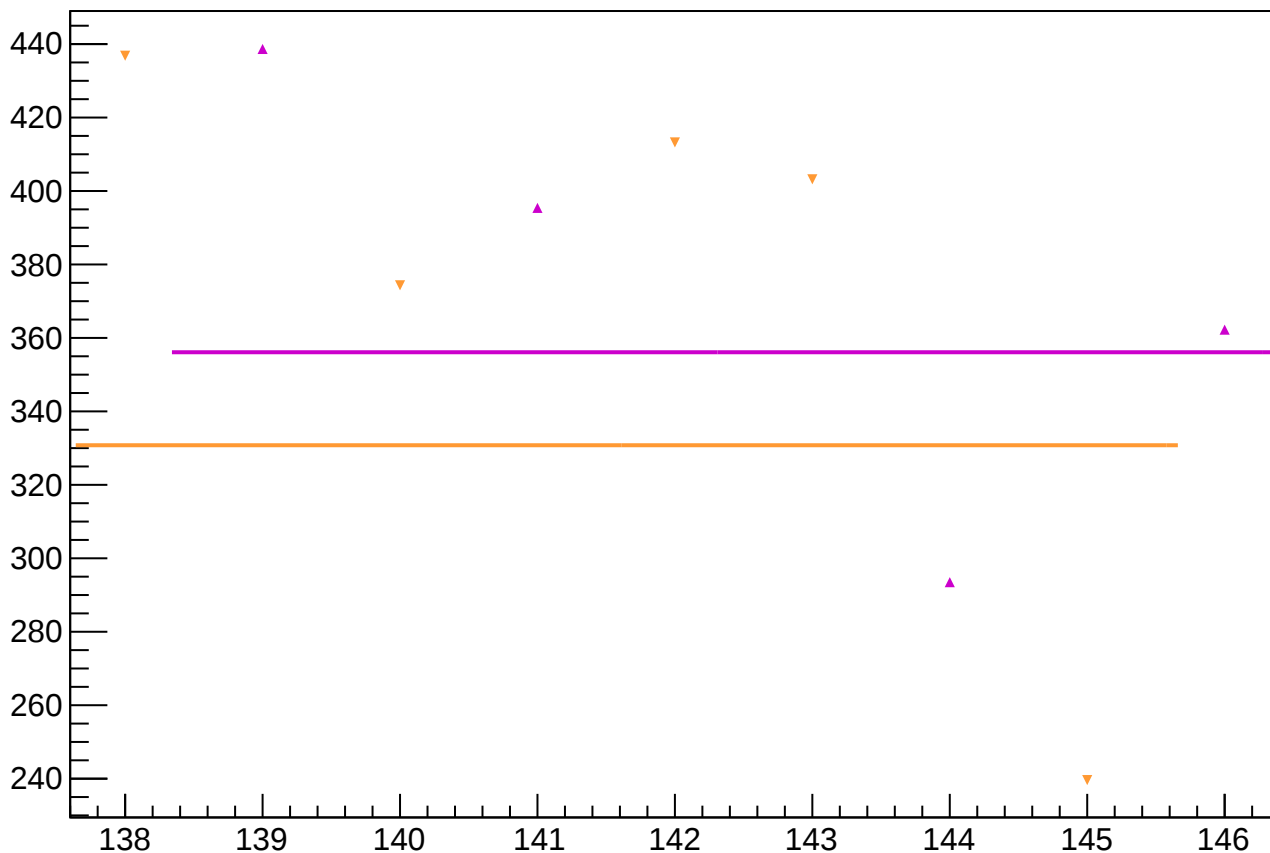
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 405.439+/-199.778 χ^2/NDF : 2.3/3

Out: 18.829+/-182.948 χ^2/NDF : 6.4/4

All: 195.166+/-134.922 χ^2/NDF : 10.7/8

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: 330.781+/-0.129 χ^2/NDF :409817.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 356.099+/-0.141 χ^2/NDF :146968.8/3

Left: 342.328+/-0.095 χ^2/NDF : 574256.8/8

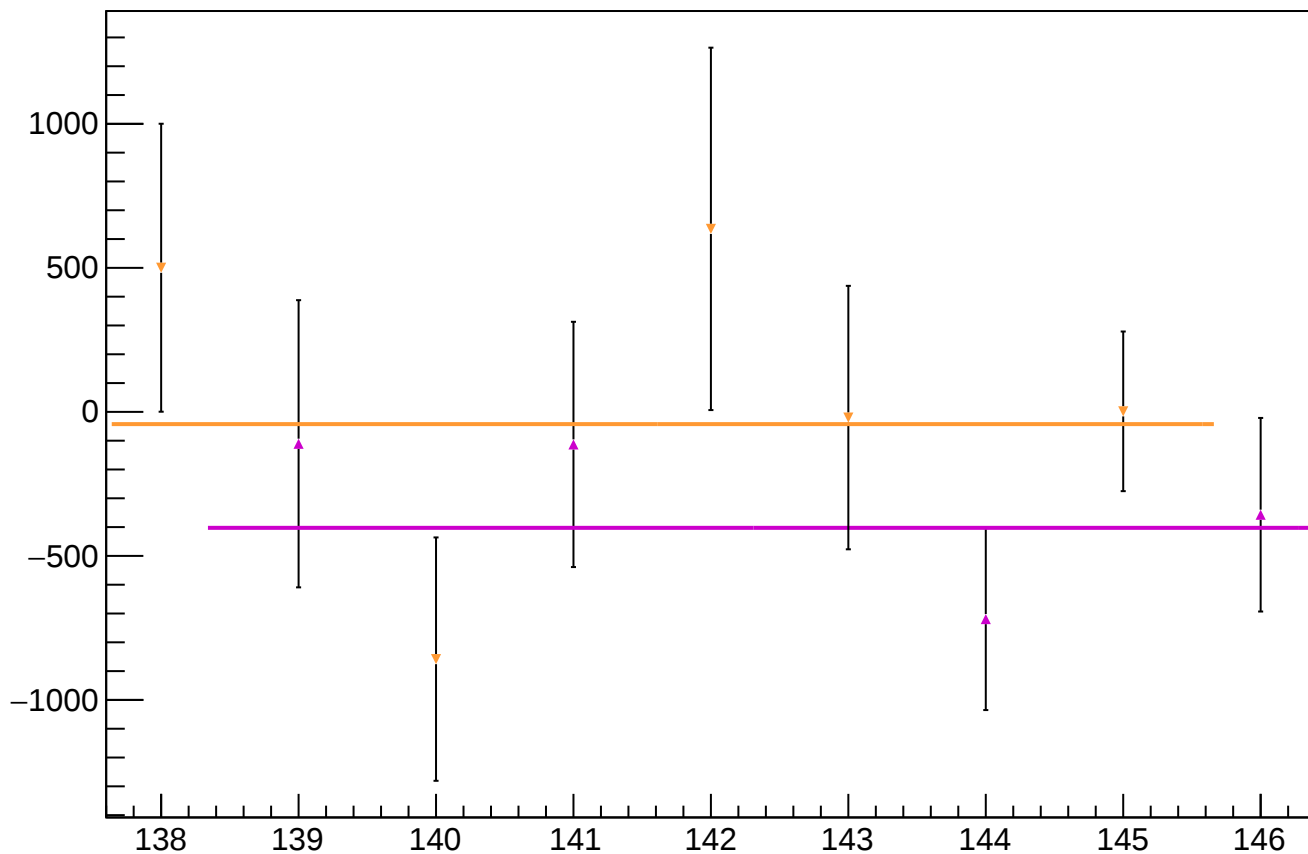
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.099+/-0.141 χ^2/NDF :146968.8/3

Out: 330.781+/-0.129 χ^2/NDF :409817.6/4

All: 342.328+/-0.095 χ^2/NDF : 574256.8/8

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -42.458 ± 182.772 $\chi^2/\text{NDF}: 6.1/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -402.567 ± 187.586 $\chi^2/\text{NDF}: 1.8/3$

Left: -217.833 ± 130.908 $\chi^2/\text{NDF}: 9.8/8$

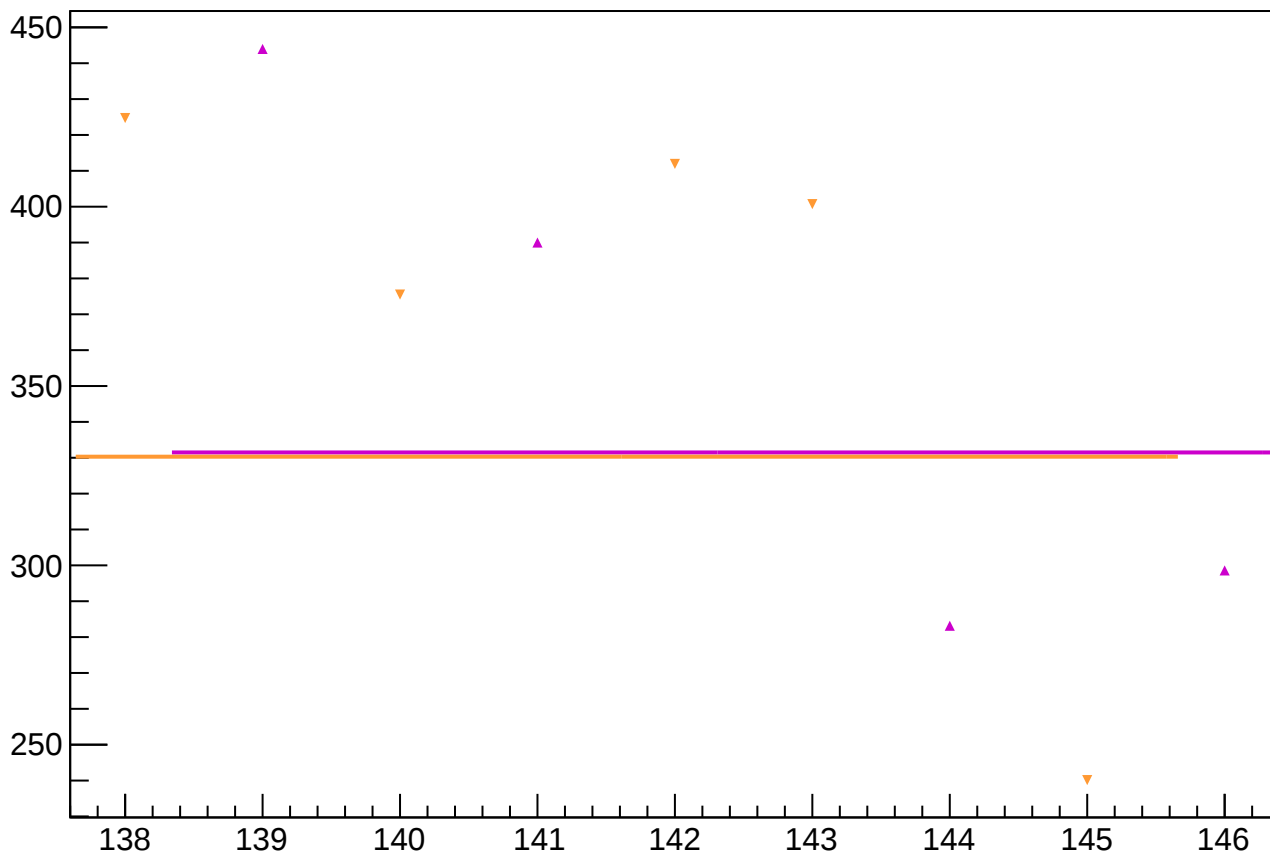
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -402.567 ± 187.586 $\chi^2/\text{NDF}: 1.8/3$

Out: -42.458 ± 182.772 $\chi^2/\text{NDF}: 6.1/4$

All: -217.833 ± 130.908 $\chi^2/\text{NDF}: 9.8/8$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 330.298+/-0.129 χ^2/NDF : 387097.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 331.480+/-0.133 χ^2/NDF : 205601.6/3

Left: 330.874+/-0.093 χ^2/NDF : 592739.9/8

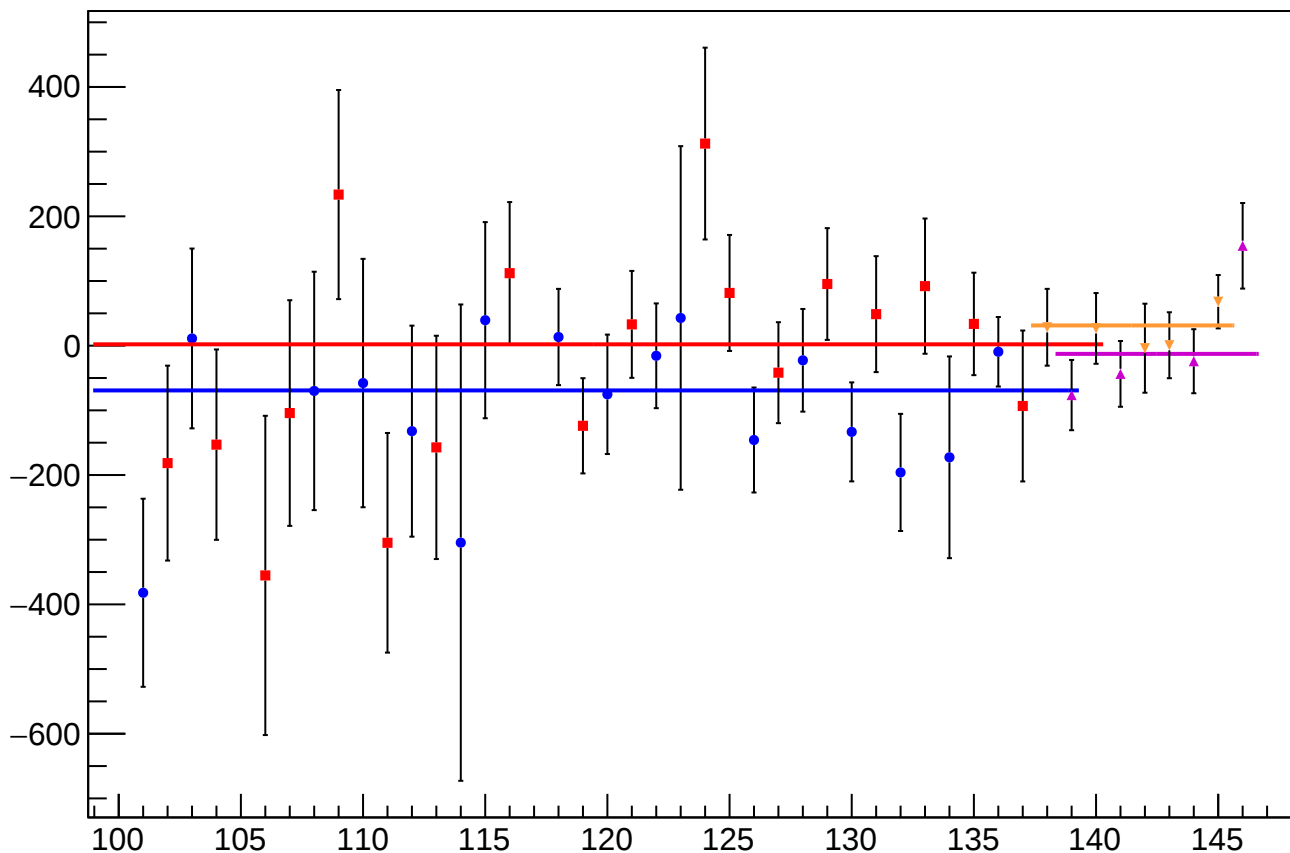
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 331.480+/-0.133 χ^2/NDF : 205601.6/3

Out: 330.298+/-0.129 χ^2/NDF : 387097.6/4

All: 330.874+/-0.093 χ^2/NDF : 592739.9/8

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: 31.296 ± 23.561 χ^2/NDF : 1.4/4

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -12.690 ± 27.093 χ^2/NDF : 8.2/3

Left: 12.355 ± 17.779 χ^2/NDF : 11.1/8

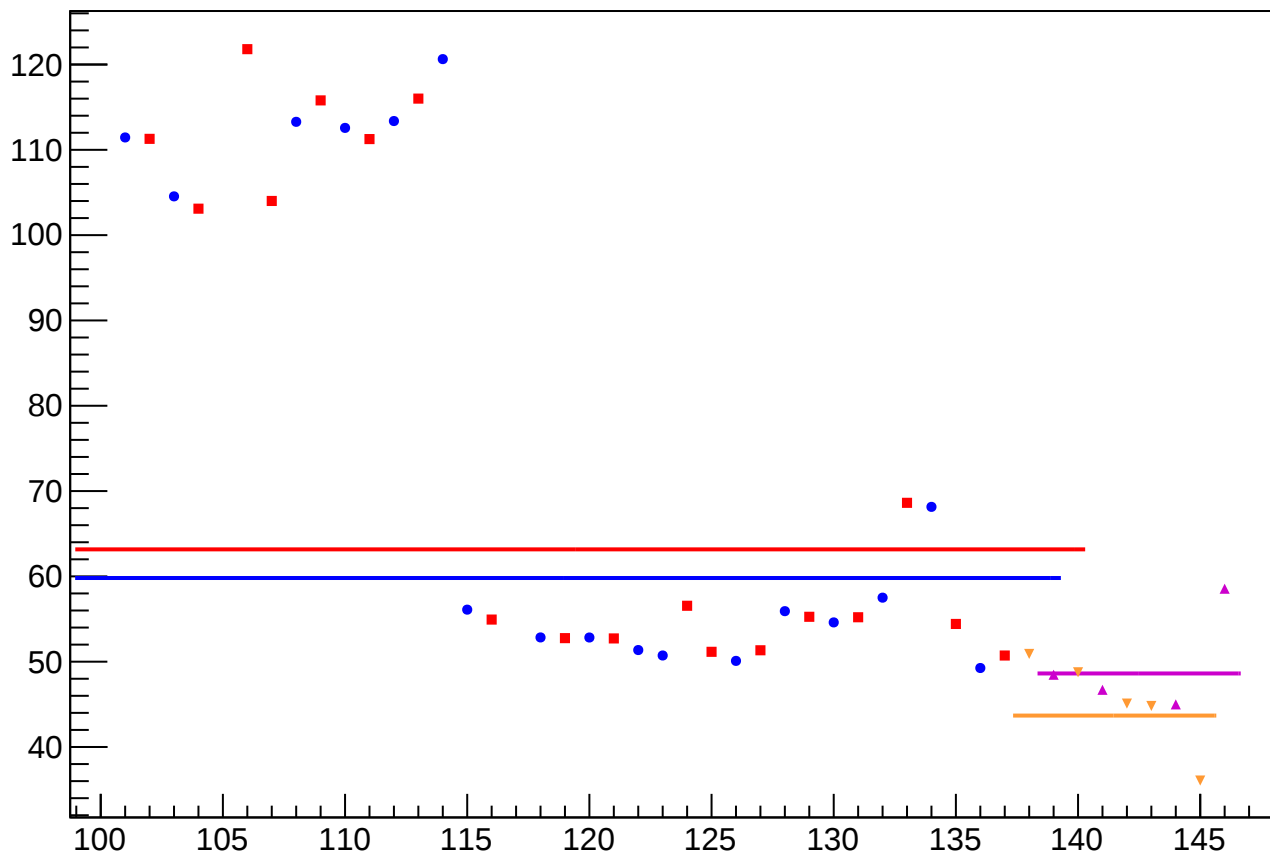
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -44.046 ± 18.073 χ^2/NDF : 24.1/20

Out: 17.662 ± 17.206 χ^2/NDF : 25.9/22

All: -11.676 ± 12.462 χ^2/NDF : 56.1/43

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 43.683 $\pm$ 0.017 χ^2/NDF : 116808.5/4

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 48.620 $\pm$ 0.019 χ^2/NDF : 58671.7/3

Left: 45.809 $\pm$ 0.013 χ^2/NDF : 213290.7/8

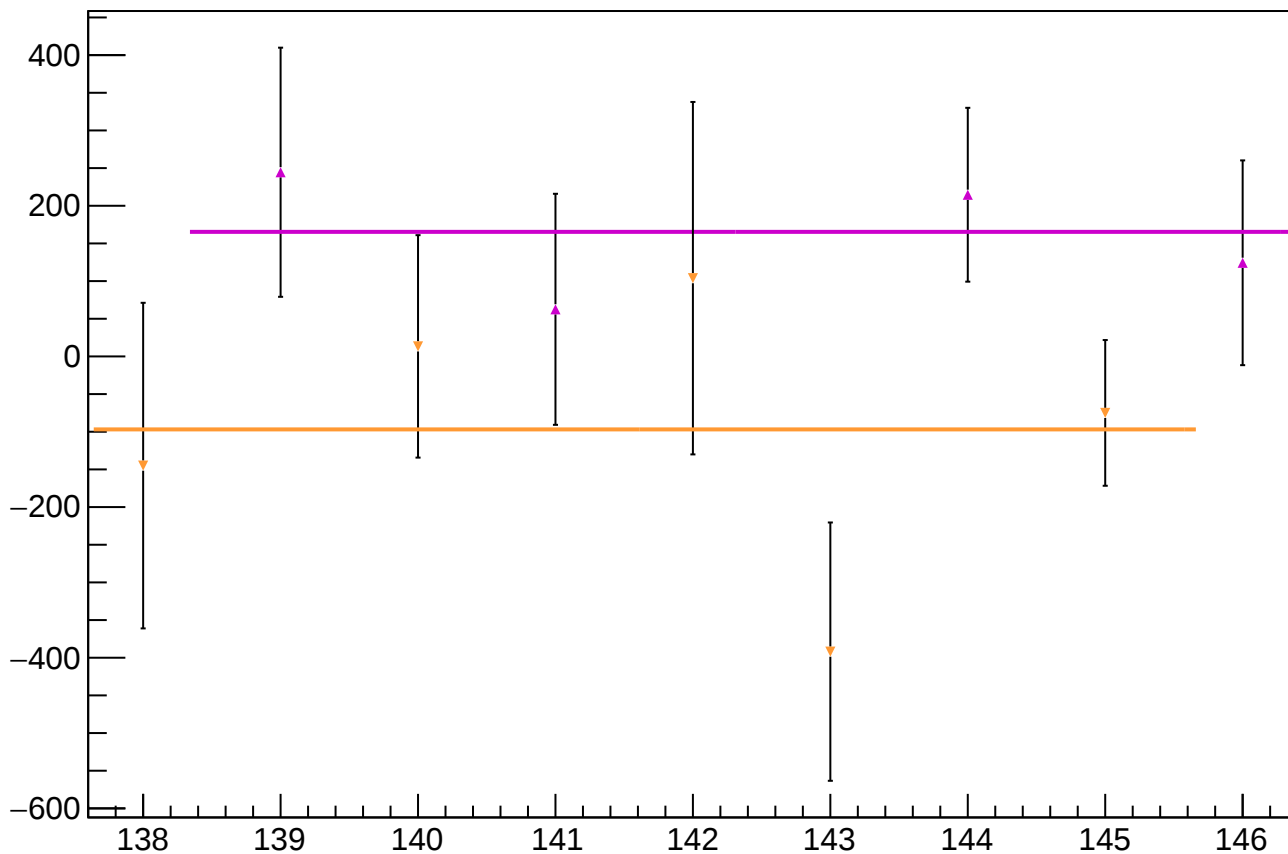
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 54.830 $\pm$ 0.013 χ^2/NDF : 1477971.0/20

Out: 52.775 $\pm$ 0.012 χ^2/NDF : 2142302.4/22

All: 53.752 $\pm$ 0.009 χ^2/NDF : 3633826.2/43

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -96.885 $\pm$ 66.455 χ^2 /NDF:4.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 165.366 $\pm$ 69.284 χ^2 /NDF:1.0/3

Left: 28.776 $\pm$ 47.960 χ^2 /NDF: 12.8/8

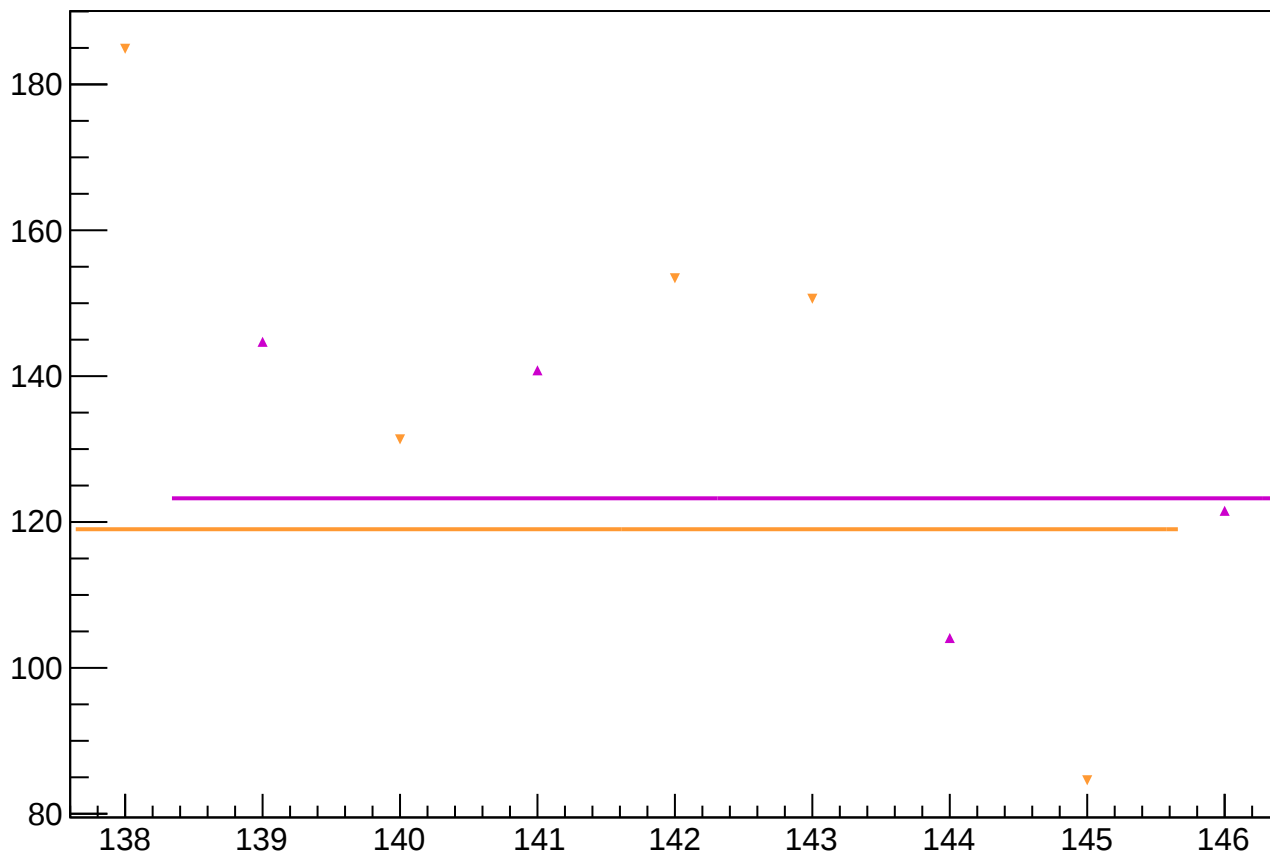
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 165.366 $\pm$ 69.284 χ^2 /NDF:1.0/3

Out: -96.885 $\pm$ 66.455 χ^2 /NDF:4.4/4

All: 28.776 $\pm$ 47.960 χ^2 /NDF: 12.8/8

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: 119.011+/-0.047 χ^2/NDF :564189.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 123.251+/-0.049 χ^2/NDF :115285.1/3

Left: 121.043+/-0.034 χ^2/NDF : 683375.2/8

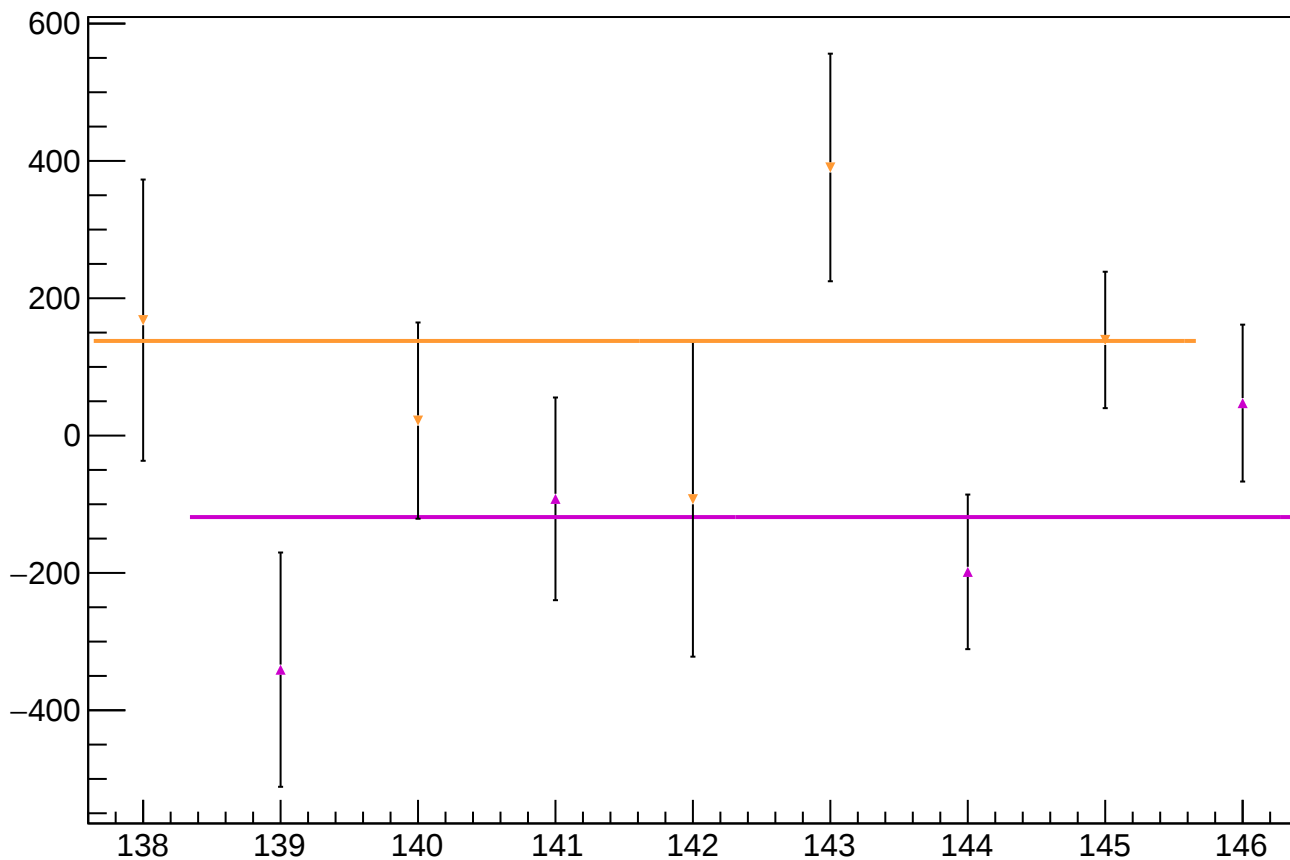
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.251+/-0.049 χ^2/NDF :115285.1/3

Out: 119.011+/-0.047 χ^2/NDF :564189.3/4

All: 121.043+/-0.034 χ^2/NDF : 683375.2/8

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.837+/-65.993 χ^2/NDF : 4.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -118.653+/-65.119 χ^2/NDF : 4.3/3

Left: 7.883+/-46.352 χ^2/NDF : 16.0/8

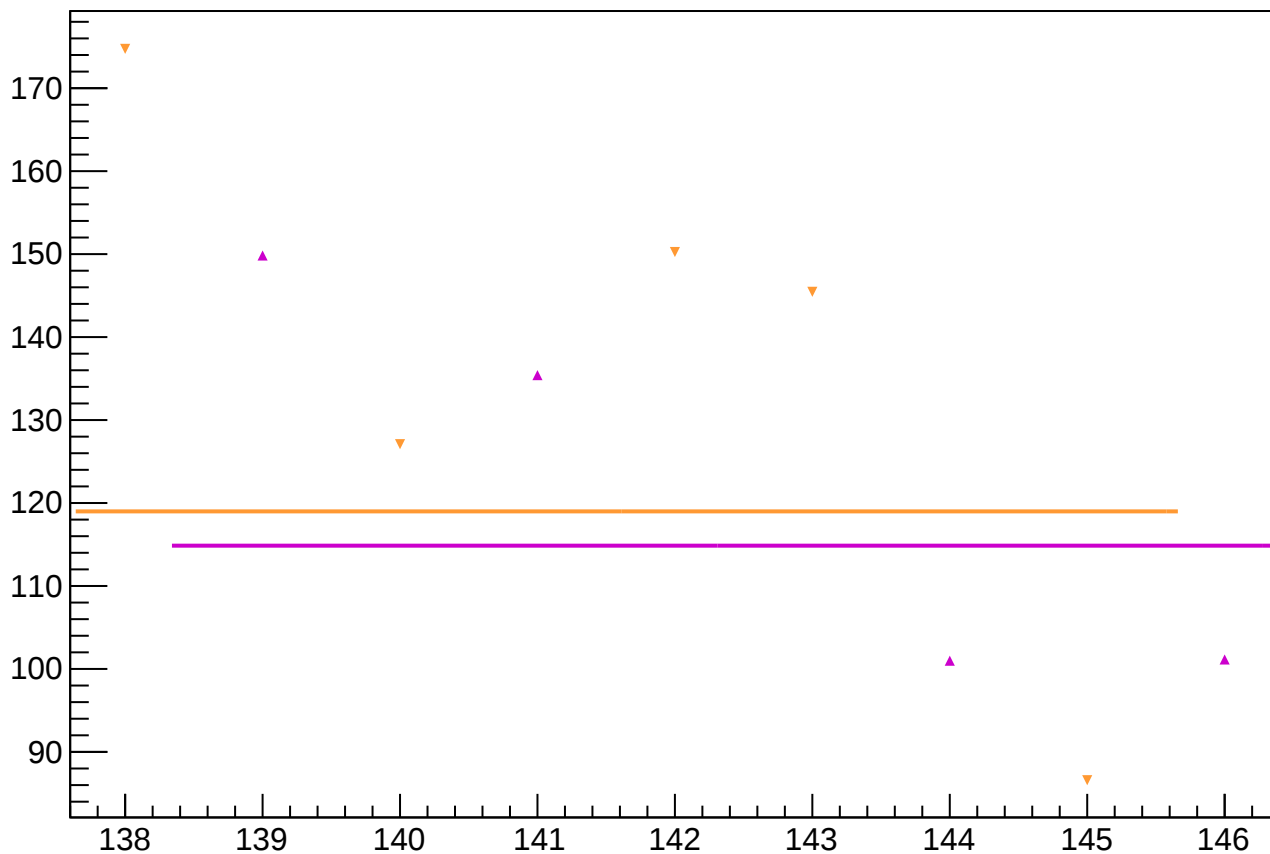
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -118.653+/-65.119 χ^2/NDF : 4.3/3

Out: 137.837+/-65.993 χ^2/NDF : 4.0/4

All: 7.883+/-46.352 χ^2/NDF : 16.0/8

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 118.991+/-0.047 χ^2/NDF : 455694.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

Left: 116.898+/-0.033 χ^2/NDF : 641712.7/8

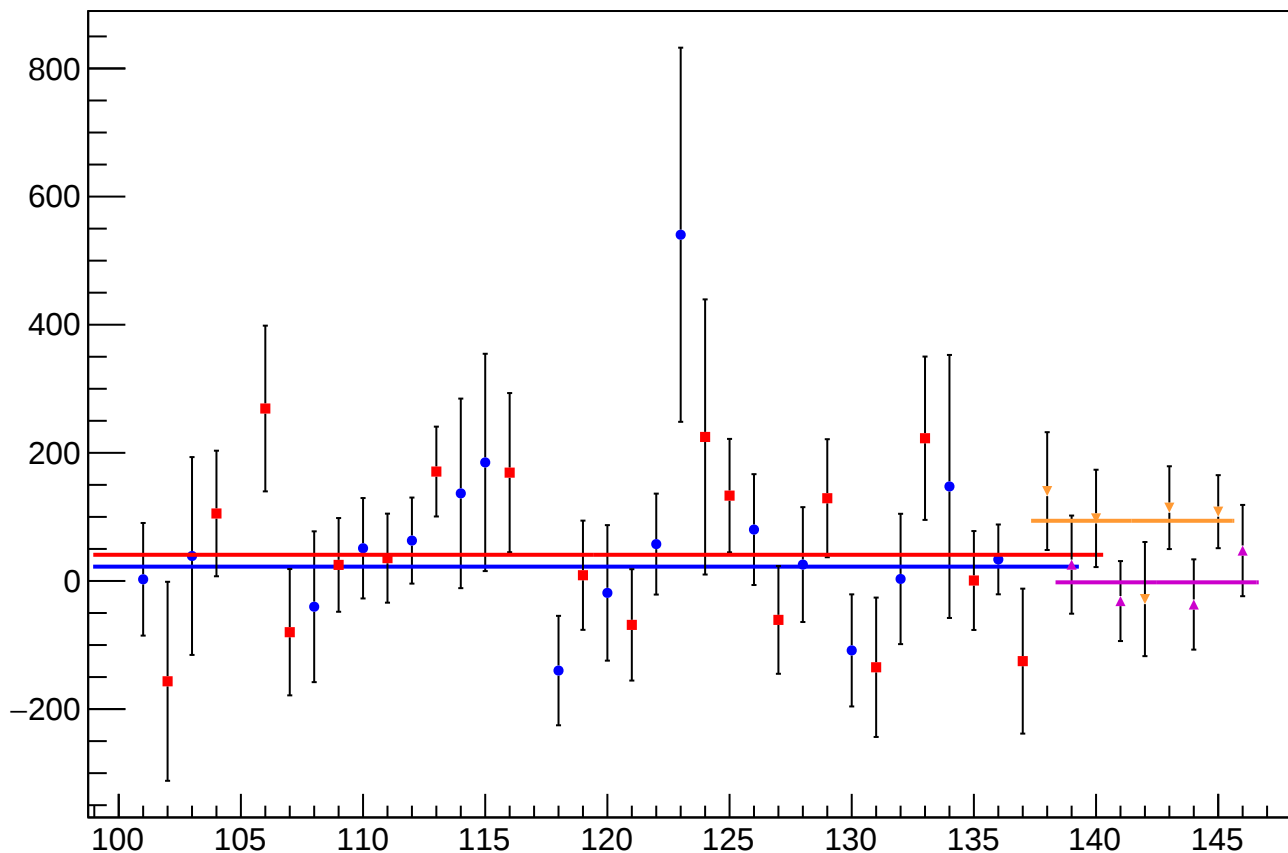
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

Out: 118.991+/-0.047 χ^2/NDF : 455694.8/4

All: 116.898+/-0.033 χ^2/NDF : 641712.7/8

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 93.942 $\pm$ 32.197 χ^2 /NDF: 2.3/4

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: -2.129 $\pm$ 34.805 χ^2 /NDF: 1.1/3

Left: 49.640 $\pm$ 23.635 χ^2 /NDF: 7.5/8

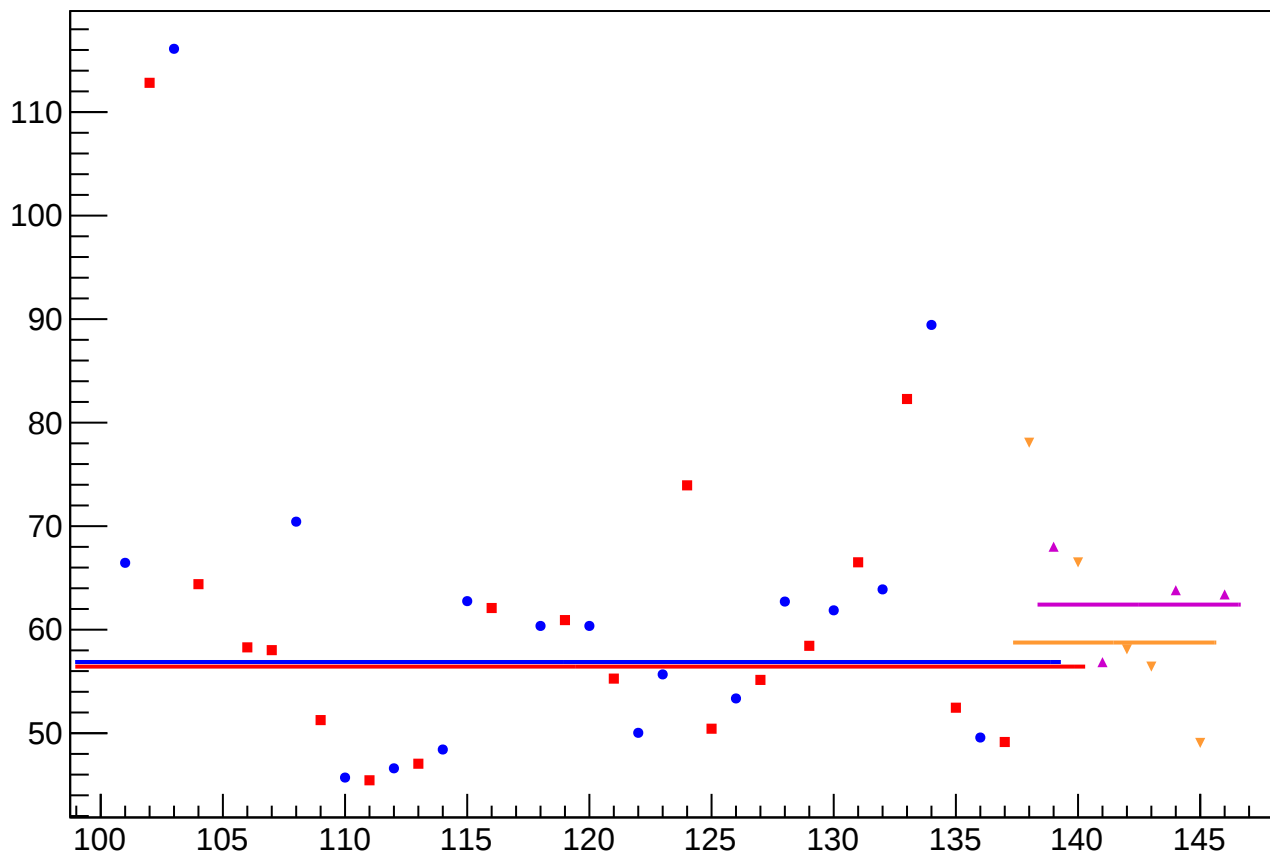
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 15.087 $\pm$ 18.969 χ^2 /NDF: 14.0/20

Out: 57.902 $\pm$ 18.241 χ^2 /NDF: 28.4/22

All: 37.332 $\pm$ 13.148 χ^2 /NDF: 45.0/43

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 58.759 $\pm$ 0.023 χ^2 /NDF:169445.0/4

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 62.423 $\pm$ 0.025 χ^2 /NDF:27686.4/3

Left: 60.448 $\pm$ 0.017 χ^2 /NDF: 209078.4/8

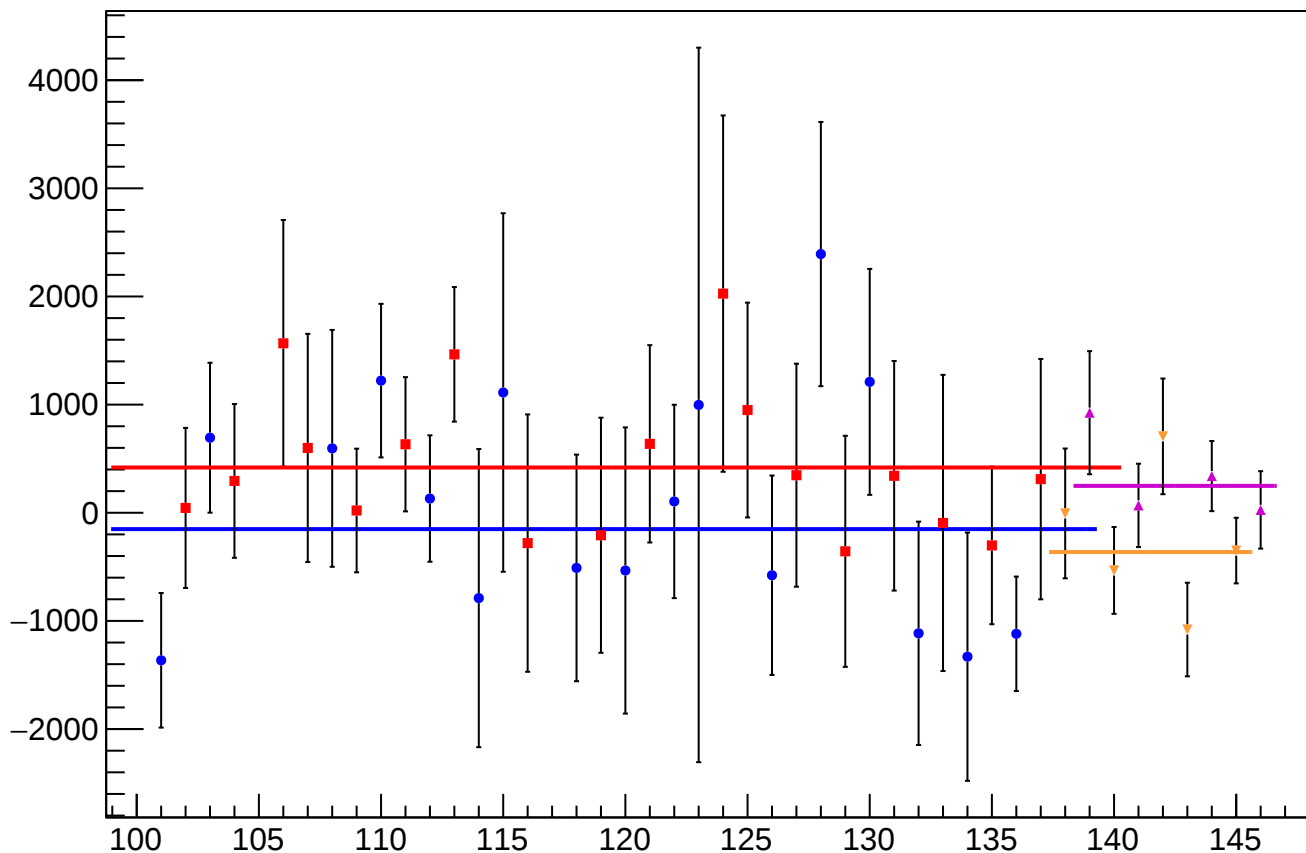
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 58.526 $\pm$ 0.013 χ^2 /NDF:638850.5/20

Out: 57.180 $\pm$ 0.013 χ^2 /NDF:696981.0/22

All: 57.827 $\pm$ 0.009 χ^2 /NDF: 1341059.8/43

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -363.218 $\pm$ 186.713 χ^2 /NDF:7.3/4

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 248.747 $\pm$ 191.957 χ^2 /NDF:2.1/3

Left: -65.709 $\pm$ 133.841 χ^2 /NDF: 14.6/8

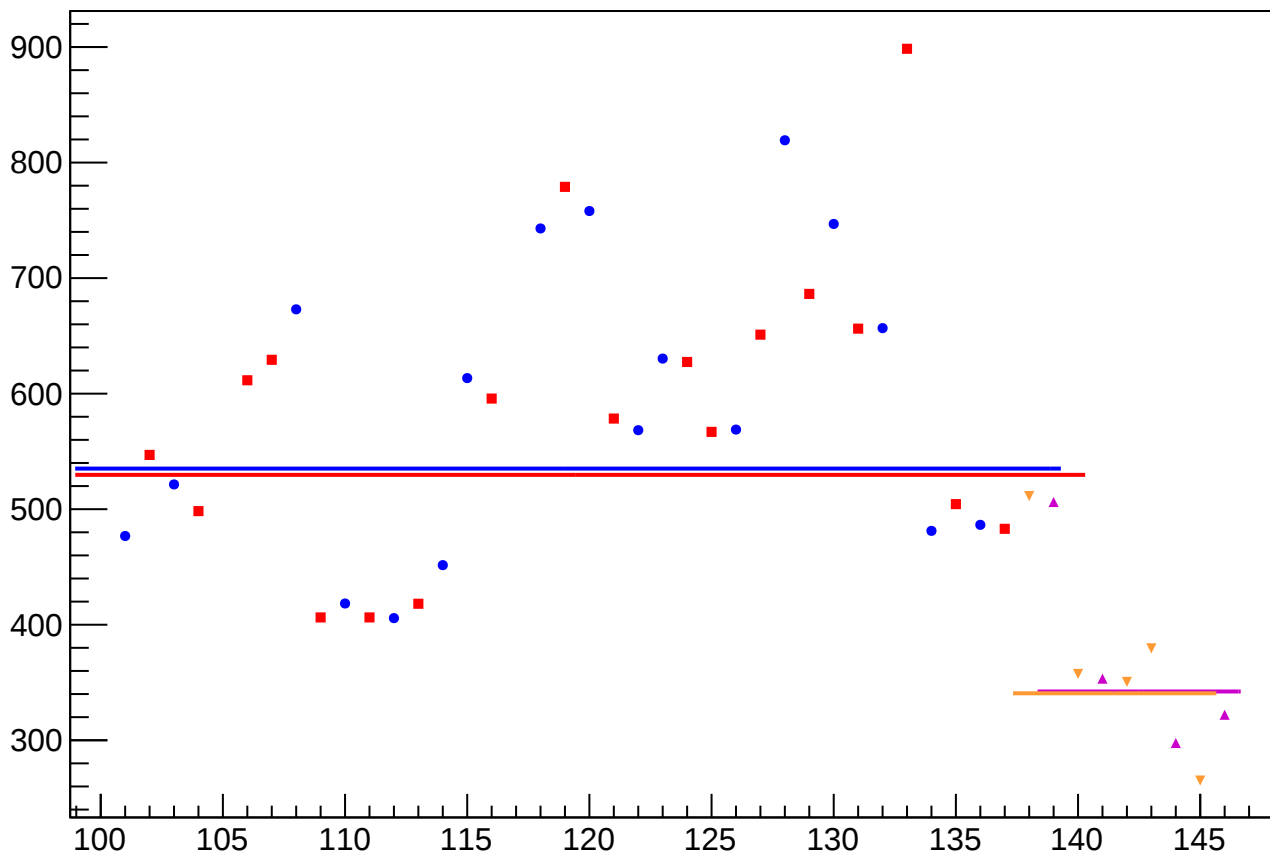
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 68.989 $\pm$ 142.429 χ^2 /NDF:26.5/20

Out: -8.866 $\pm$ 138.058 χ^2 /NDF:23.6/22

All: 28.849 $\pm$ 99.131 χ^2 /NDF: 50.3/43

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 340.647+/-0.132 χ^2/NDF : 306135.6/4

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 342.214+/-0.136 χ^2/NDF : 211949.3/3

Left: 341.408+/-0.095 χ^2/NDF : 518153.4/8

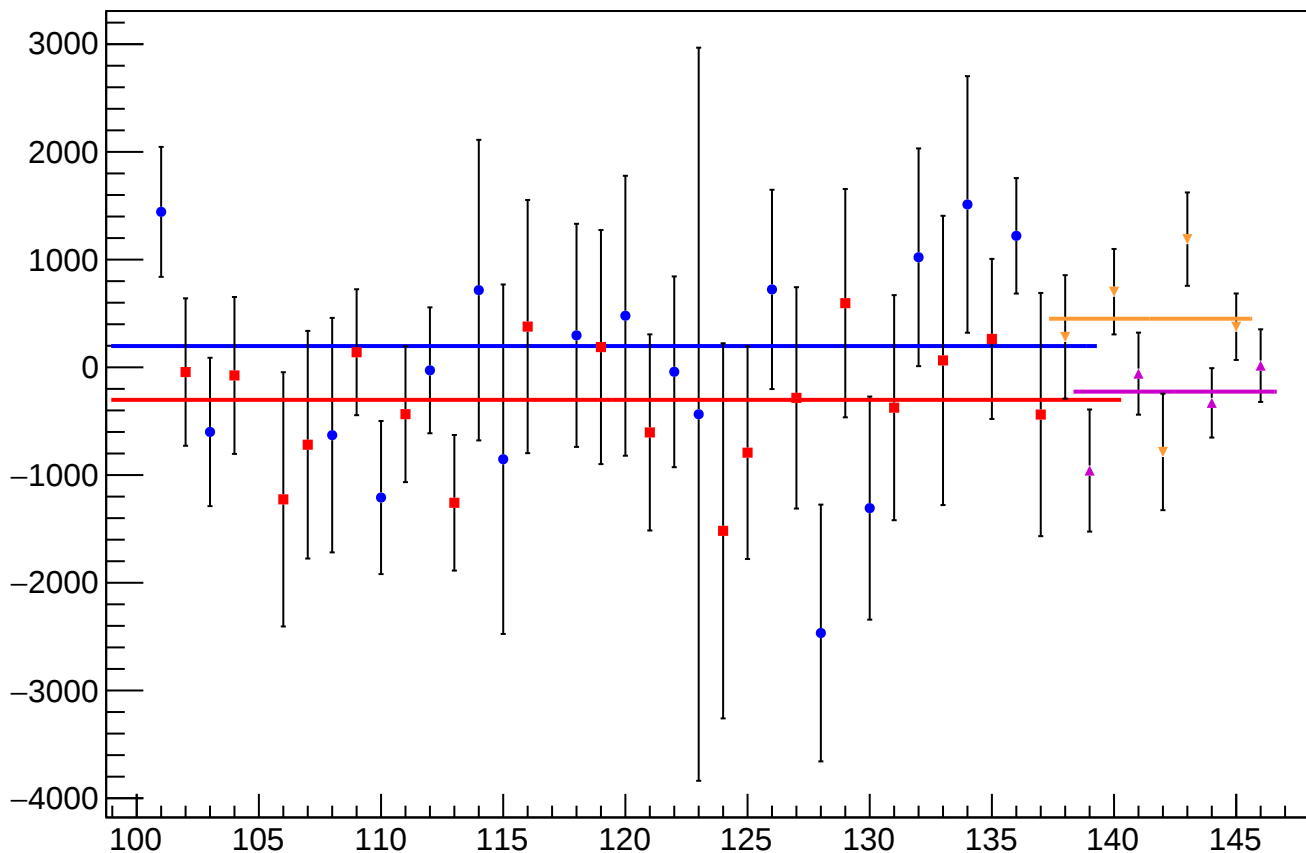
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 428.925+/-0.101 χ^2/NDF : 1716033.5/20

Out: 426.347+/-0.098 χ^2/NDF : 1882462.1/22

All: 427.596+/-0.070 χ^2/NDF : 3598833.4/43

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 451.426 $\pm$ 186.813 χ^2 /NDF:8.7/4

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -225.731 $\pm$ 187.480 χ^2 /NDF:2.5/3

Left: 114.054 $\pm$ 132.332 χ^2 /NDF: 17.7/8

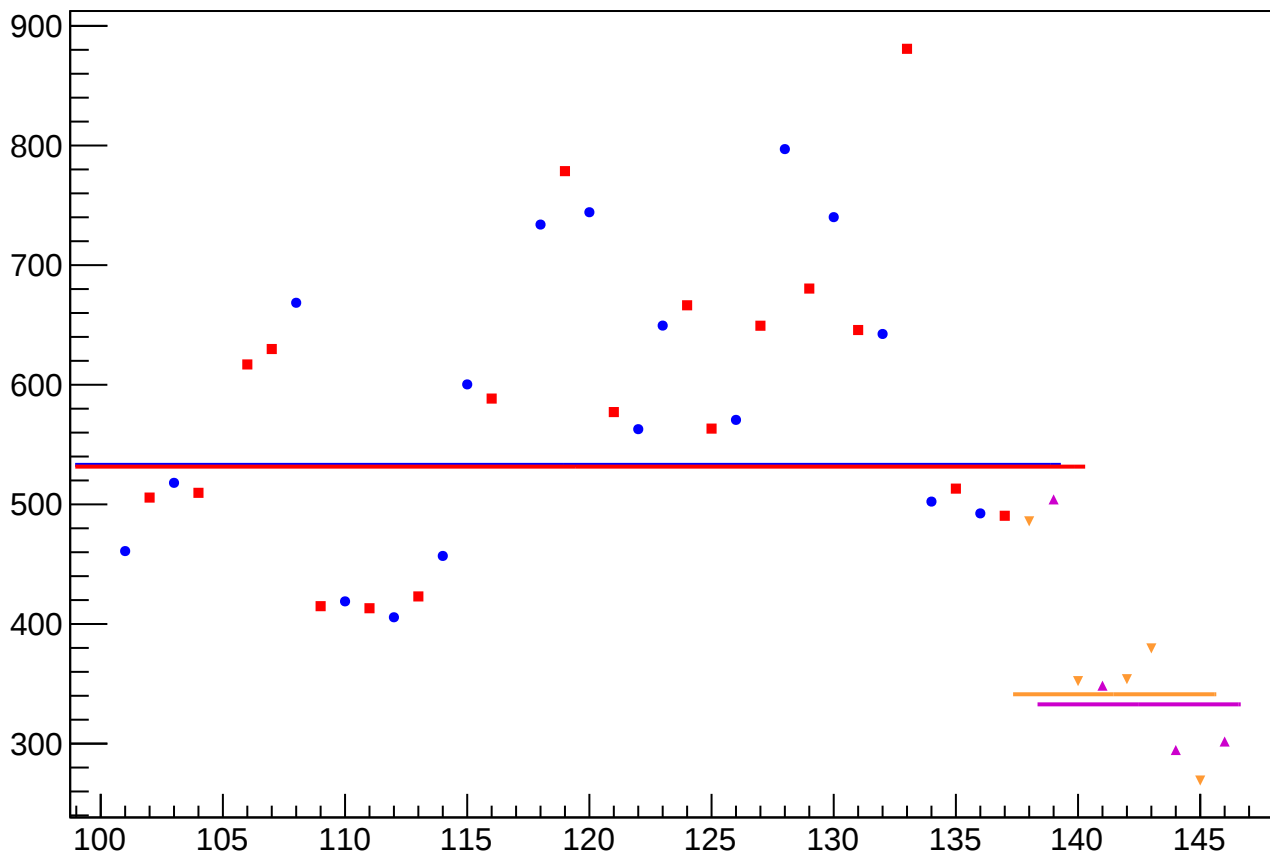
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -39.457 $\pm$ 140.289 χ^2 /NDF:28.6/20

Out: 110.948 $\pm$ 138.293 χ^2 /NDF:22.7/22

All: 36.823 $\pm$ 98.486 χ^2 /NDF: 52.0/43

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 341.263+/-0.132 χ^2/NDF : 254780.1/4

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 332.827+/-0.133 χ^2/NDF : 231188.7/3

Left: 337.060+/-0.094 χ^2/NDF : 488000.5/8

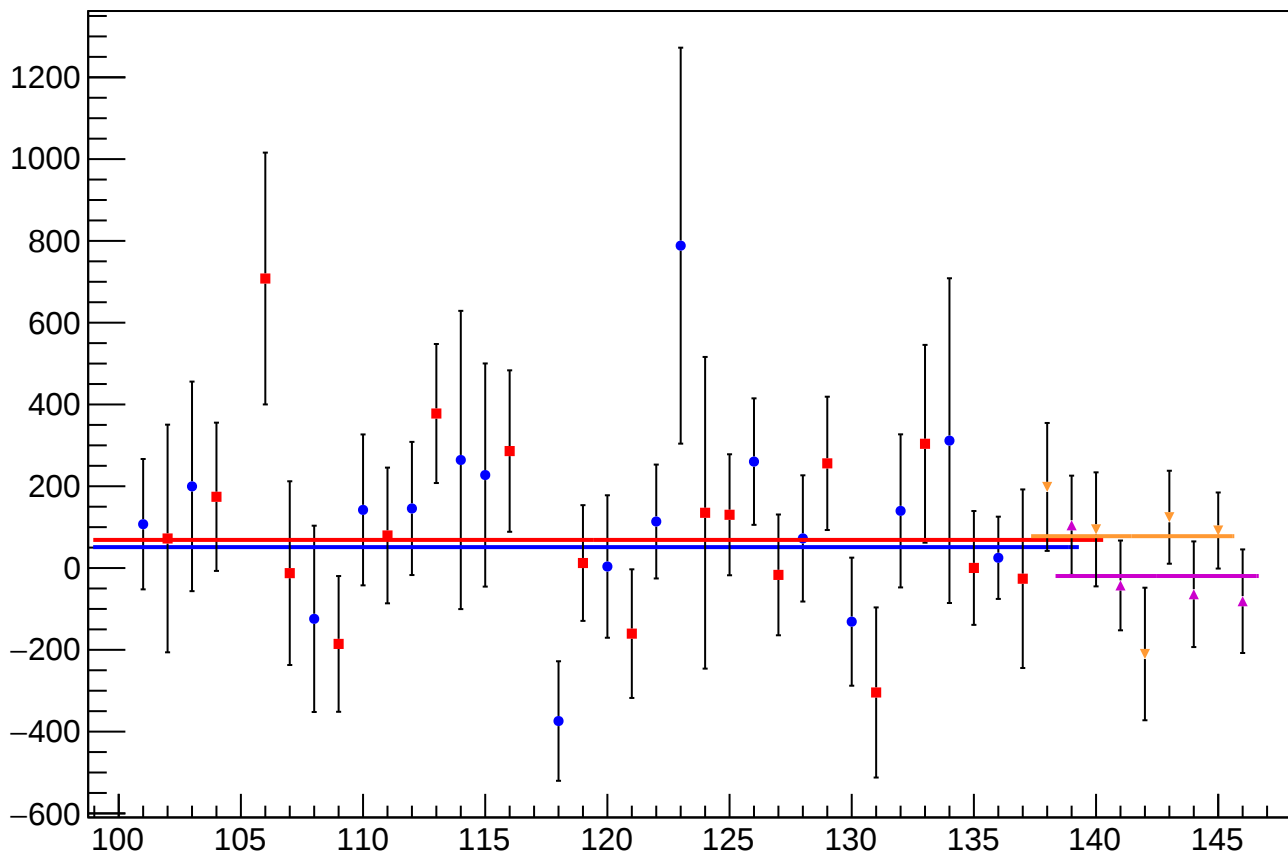
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 420.929+/-0.099 χ^2/NDF : 1801684.3/20

Out: 427.275+/-0.098 χ^2/NDF : 1790717.9/22

All: 424.148+/-0.070 χ^2/NDF : 3594477.8/43

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2/NDF : 17.4/16

Left Out: 77.917 $\pm$ 55.611 χ^2/NDF : 4.0/4

Right Out: 68.779 $\pm$ 42.803 χ^2/NDF : 20.4/17

Left In: -19.487 $\pm$ 60.506 χ^2/NDF : 1.4/3

Left: 33.314 $\pm$ 40.944 χ^2/NDF : 6.8/8

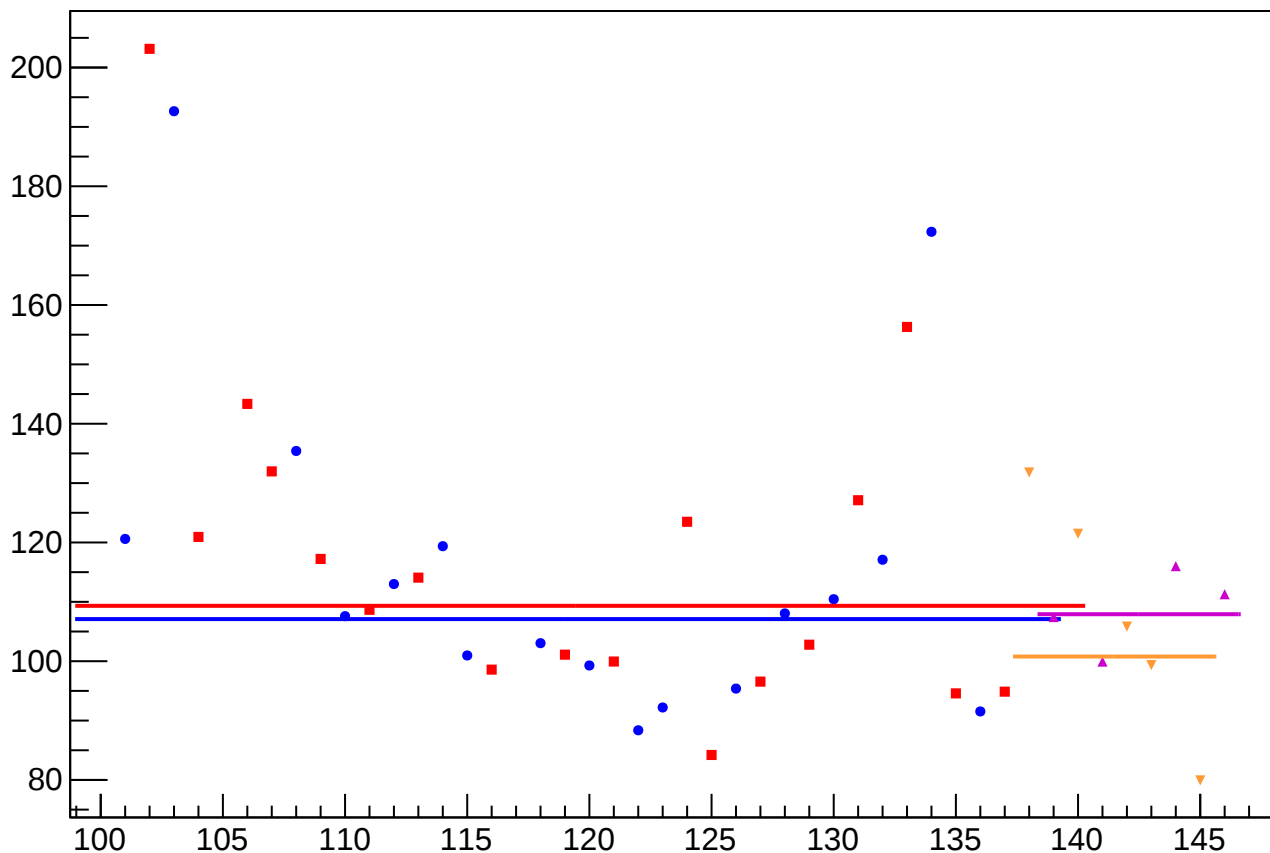
Right: 59.892 $\pm$ 30.129 χ^2/NDF : 37.8/34

In: 27.885 $\pm$ 34.732 χ^2/NDF : 19.7/20

Out: 72.178 $\pm$ 33.919 χ^2/NDF : 24.4/22

All: 50.556 $\pm$ 24.267 χ^2/NDF : 44.9/43

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094+/-0.030 χ^2/NDF : 437755.4/16

Left Out: 100.788+/-0.039 χ^2/NDF : 225521.8/4

Right Out: 109.329+/-0.030 χ^2/NDF : 506023.6/17

Left In: 107.915+/-0.043 χ^2/NDF : 19875.5/3

Left: 104.051+/-0.029 χ^2/NDF : 260442.6/8

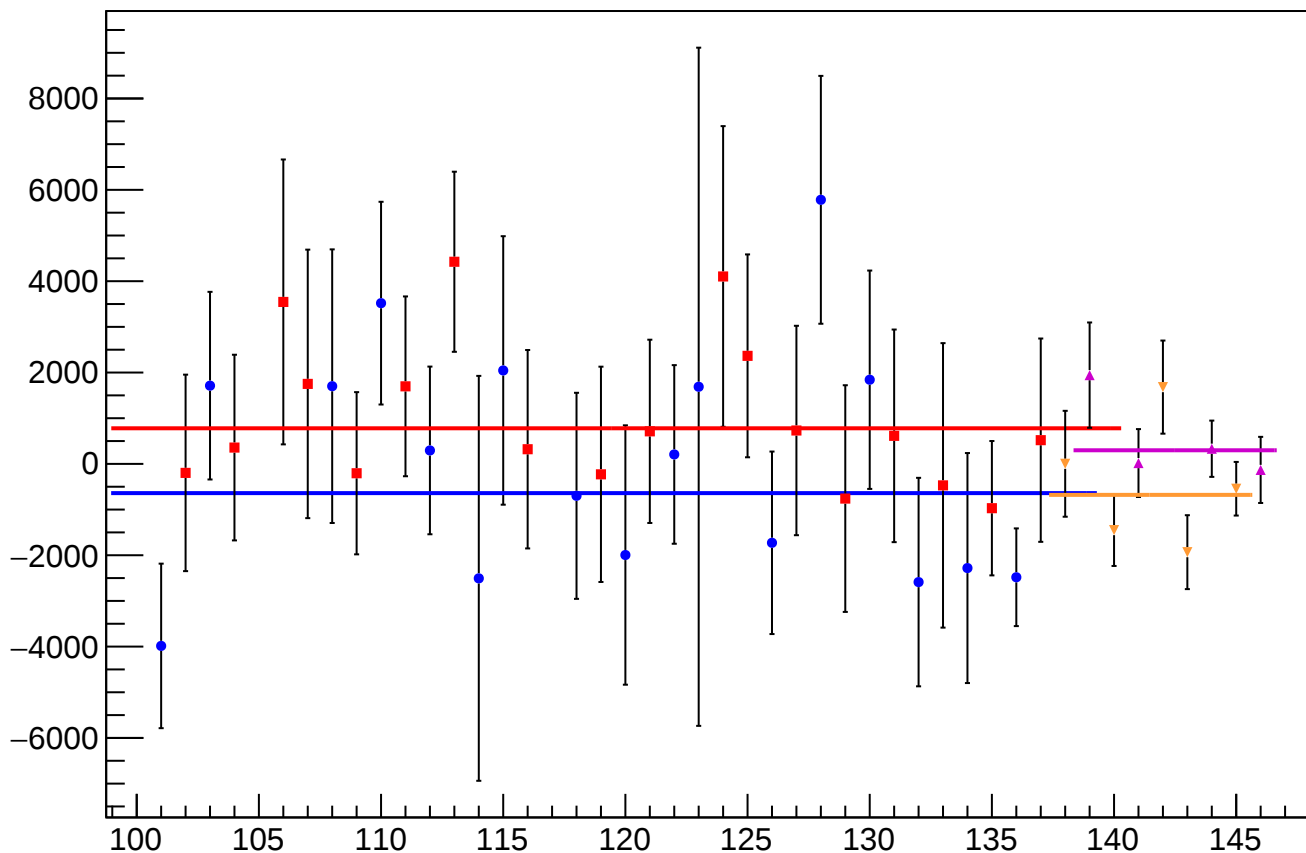
Right: 108.201+/-0.021 χ^2/NDF : 946531.4/34

In: 107.364+/-0.025 χ^2/NDF : 457878.1/20

Out: 106.151+/-0.024 χ^2/NDF : 761175.6/22

All: 106.744+/-0.017 χ^2/NDF : 1220302.2/43

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -678.275+/-359.059 χ^2/NDF : 9.1/4

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 298.065+/-375.133 χ^2/NDF : 2.5/3

Left: -211.470+/-259.390 χ^2/NDF : 15.2/8

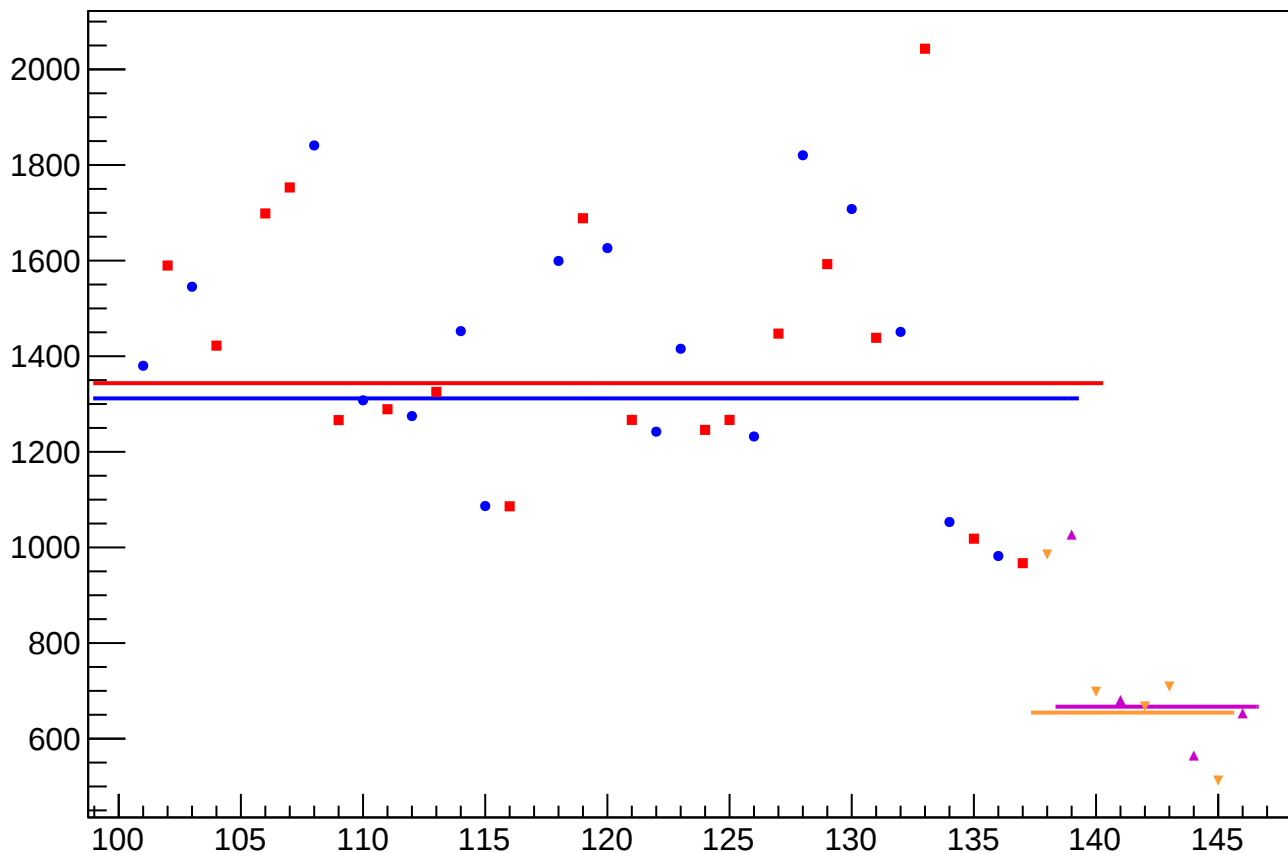
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: -23.587+/-304.079 χ^2/NDF : 26.4/20

Out: -203.265+/-294.810 χ^2/NDF : 23.3/22

All: -116.206+/-211.663 χ^2/NDF : 49.9/43

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 654.551+/-0.254 χ^2/NDF : 295805.6/4

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 666.912+/-0.265 χ^2/NDF : 251550.7/3

Left: 660.461+/-0.183 χ^2/NDF : 548489.6/8

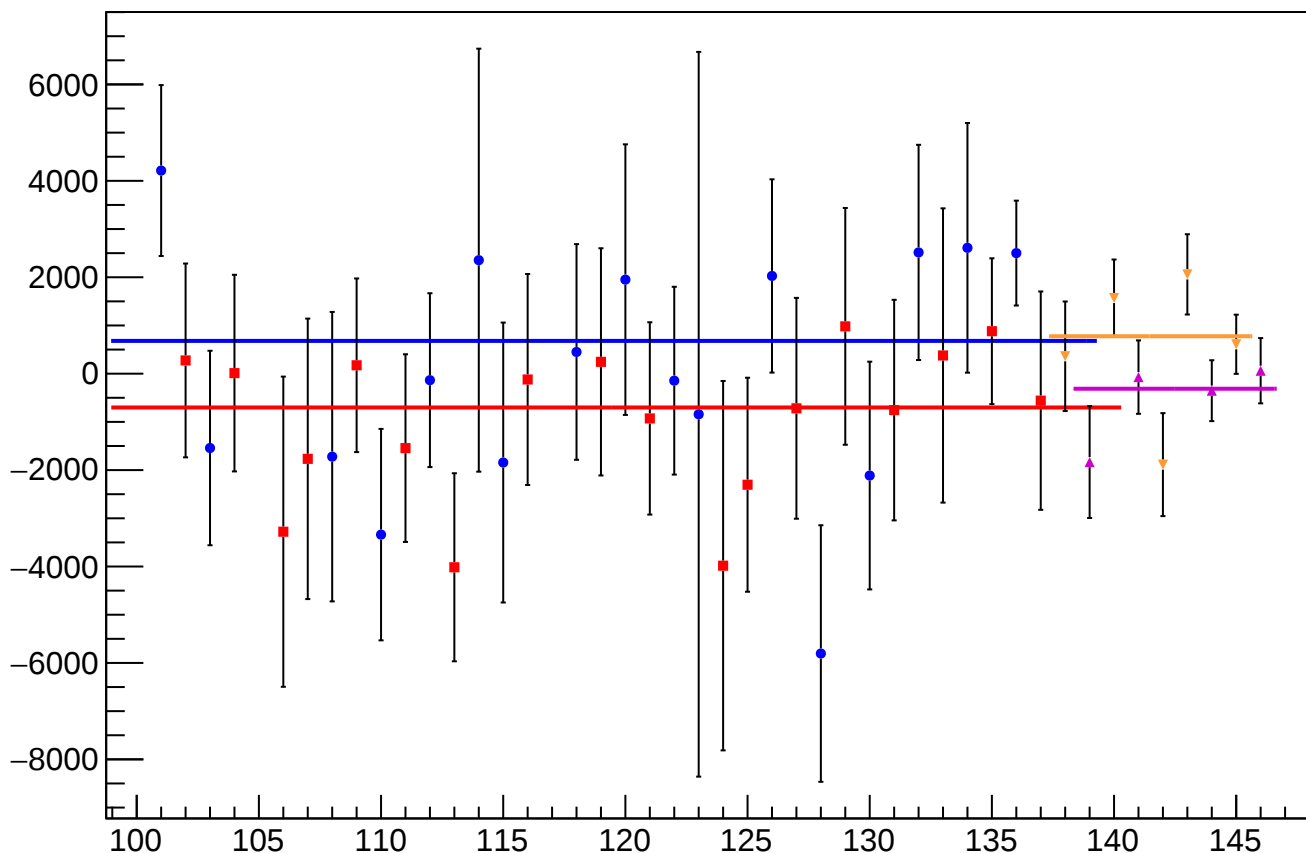
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 888.071+/-0.215 χ^2/NDF : 2791179.3/20

Out: 879.102+/-0.208 χ^2/NDF : 3157301.0/22

All: 883.448+/-0.150 χ^2/NDF : 5949377.3/43

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 776.348 $\pm$ 369.627 χ^2 /NDF:9.8/4

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -312.409 $\pm$ 373.771 χ^2 /NDF:2.1/3

Left: 238.038 $\pm$ 262.818 χ^2 /NDF: 16.2/8

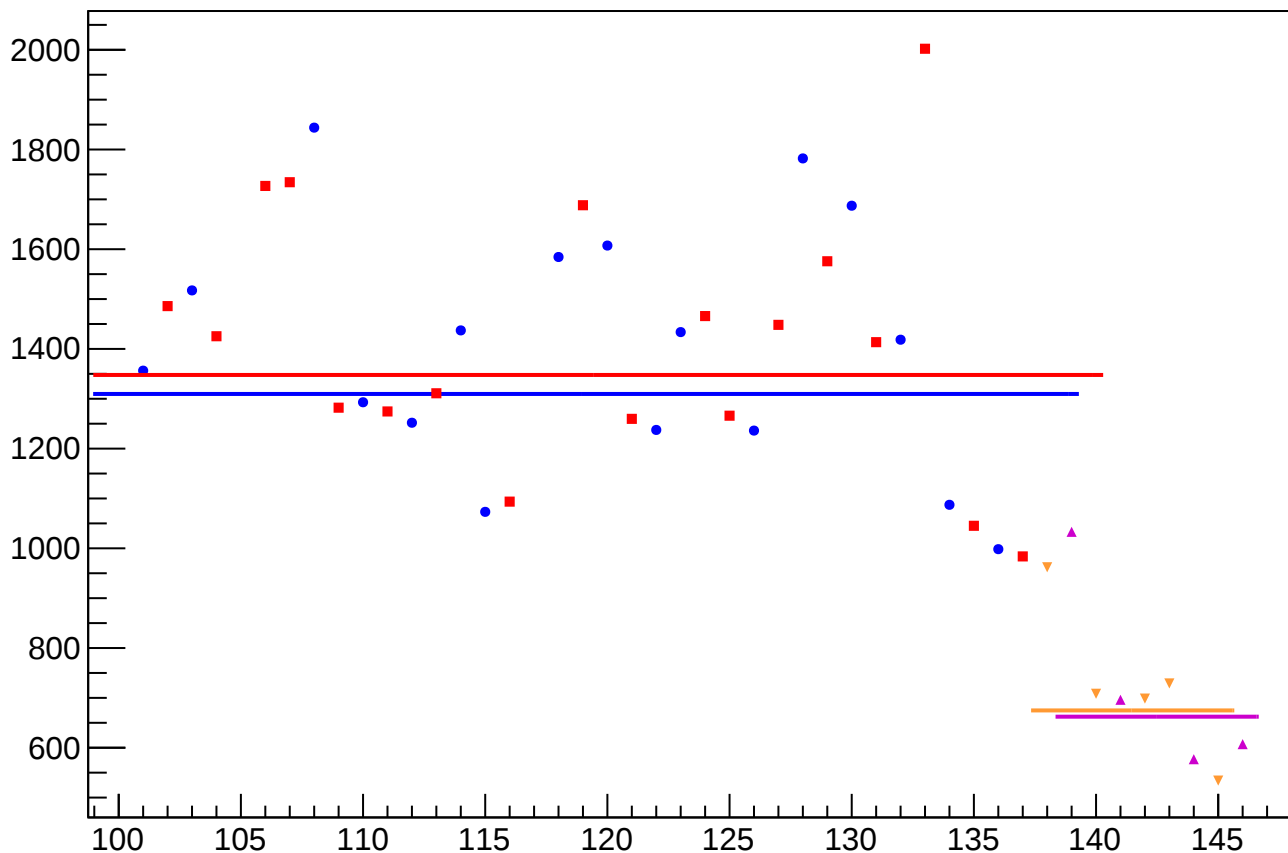
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 27.780 $\pm$ 303.004 χ^2 /NDF:27.1/20

Out: 277.066 $\pm$ 300.747 χ^2 /NDF:22.8/22

All: 153.355 $\pm$ 213.454 χ^2 /NDF: 50.3/43

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 674.828 $\pm$ 0.261 χ^2 /NDF: 245900.2/4

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 662.282 $\pm$ 0.264 χ^2 /NDF: 258133.9/3

Left: 668.625 $\pm$ 0.186 χ^2 /NDF: 505173.5/8

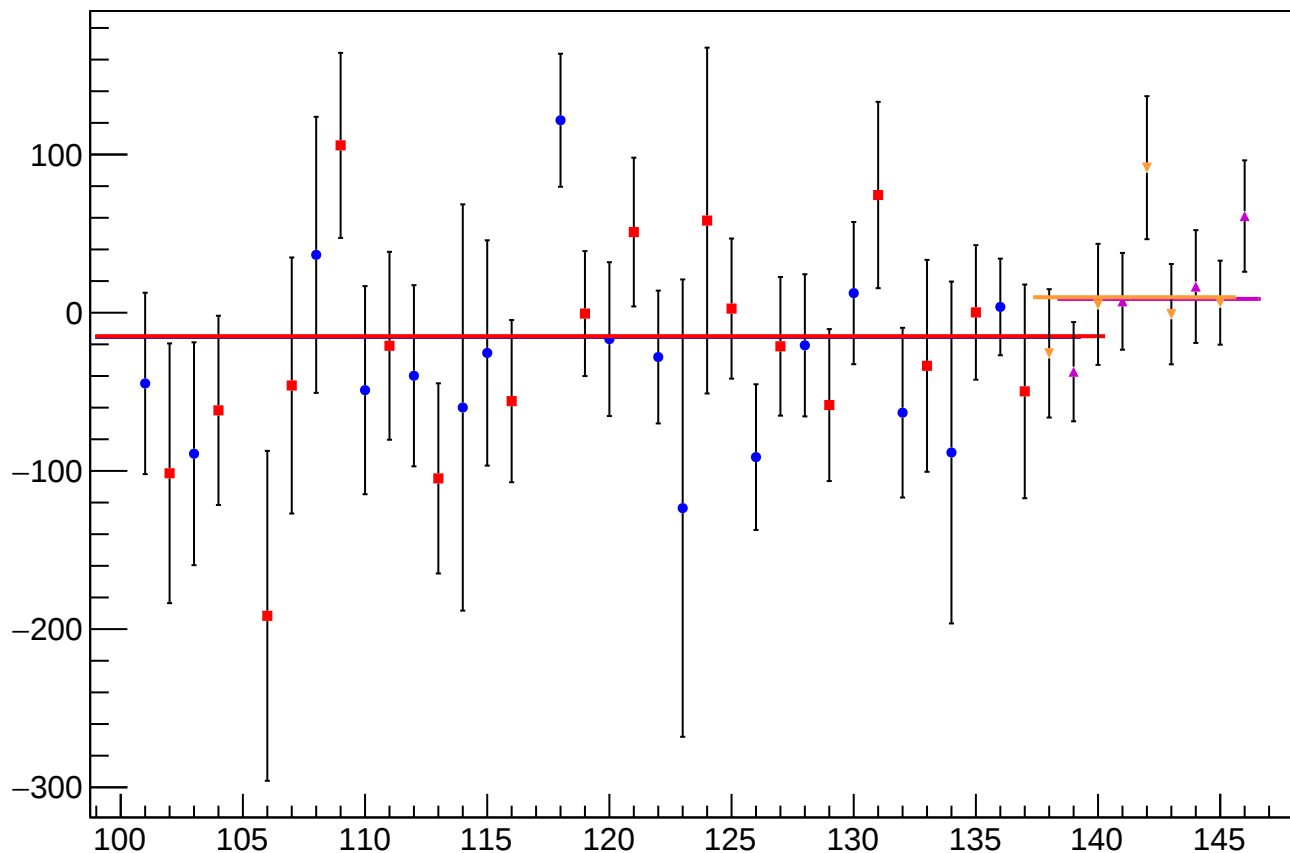
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 884.212 $\pm$ 0.214 χ^2 /NDF: 2774241.9/20

Out: 902.265 $\pm$ 0.213 χ^2 /NDF: 2891714.8/22

All: 893.306 $\pm$ 0.151 χ^2 /NDF: 5669532.8/43

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 9.772 ± 15.444 χ^2/NDF : 4.2/4

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: 8.717 ± 16.487 χ^2/NDF : 4.4/3

Left: 9.279 ± 11.271 χ^2/NDF : 8.6/8

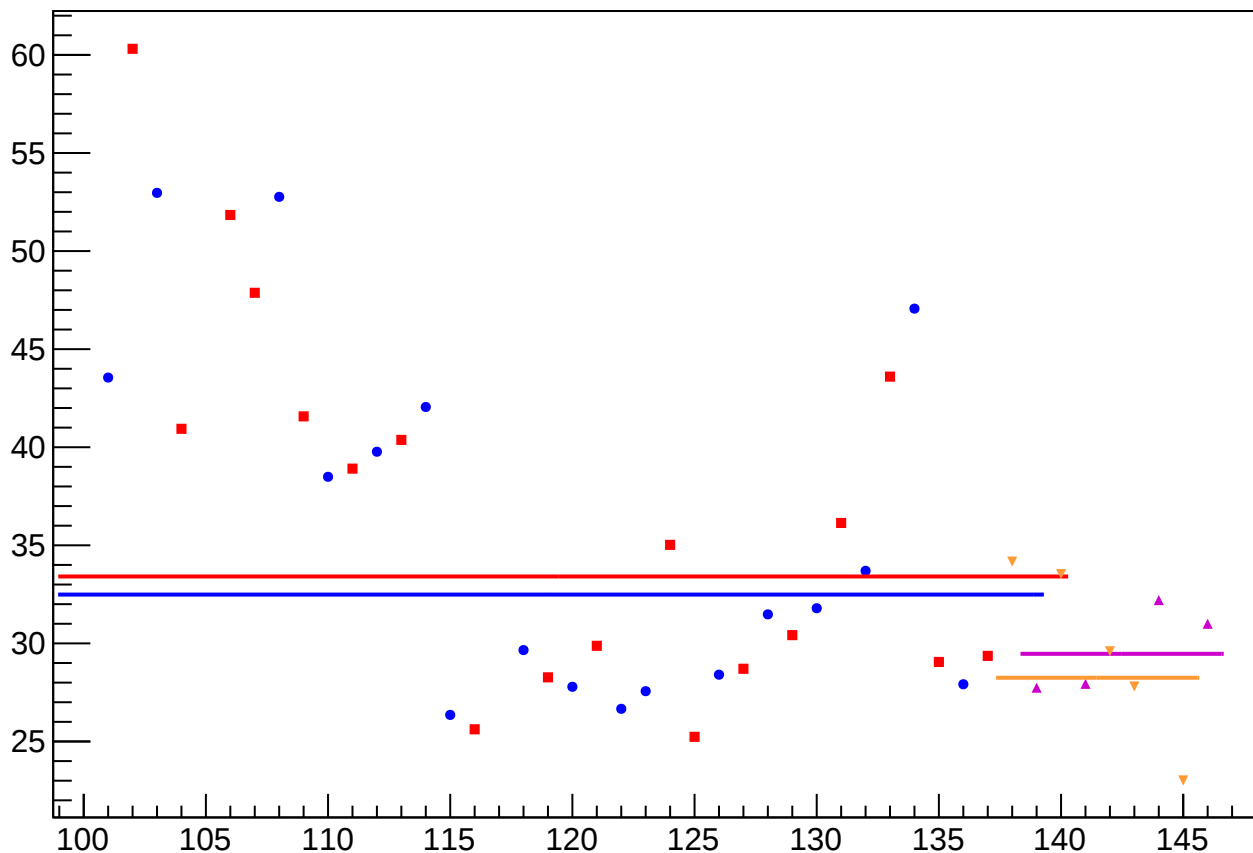
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -6.162 ± 10.163 χ^2/NDF : 24.0/20

Out: -4.543 ± 9.989 χ^2/NDF : 23.9/22

All: -5.339 ± 7.124 χ^2/NDF : 47.9/43

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.248 $\pm$ 0.011 χ^2 /NDF: 160594.7/4

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 29.468 $\pm$ 0.012 χ^2 /NDF: 26654.0/3

Left: 28.818 $\pm$ 0.008 χ^2 /NDF: 193080.0/8

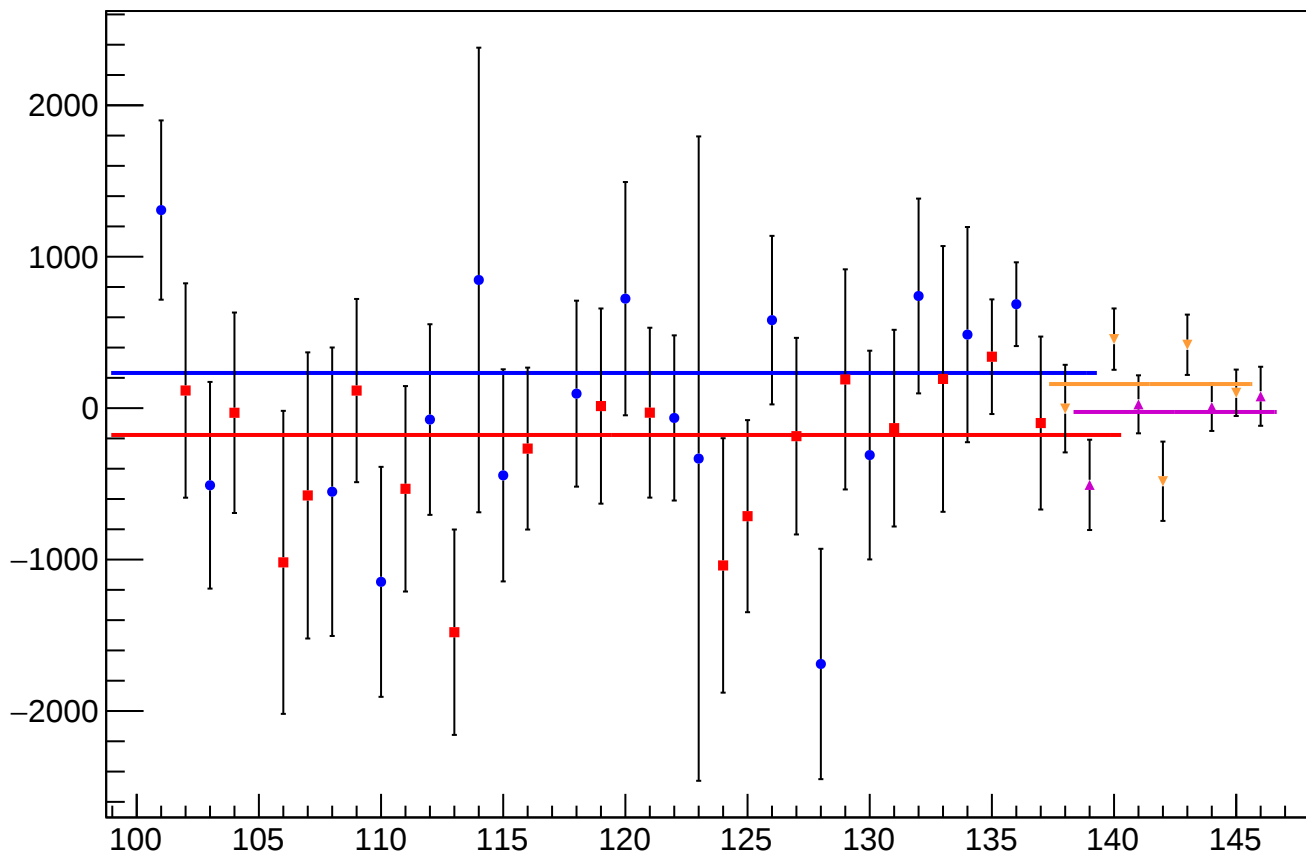
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 31.341 $\pm$ 0.007 χ^2 /NDF: 662771.5/20

Out: 31.251 $\pm$ 0.007 χ^2 /NDF: 1015788.3/22

All: 31.295 $\pm$ 0.005 χ^2 /NDF: 1678639.2/43

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: 159.173 $\pm$ 91.782 χ^2 /NDF:10.3/4

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -25.305 $\pm$ 97.655 χ^2 /NDF:3.0/3

Left: 72.647 $\pm$ 66.880 χ^2 /NDF: 15.2/8

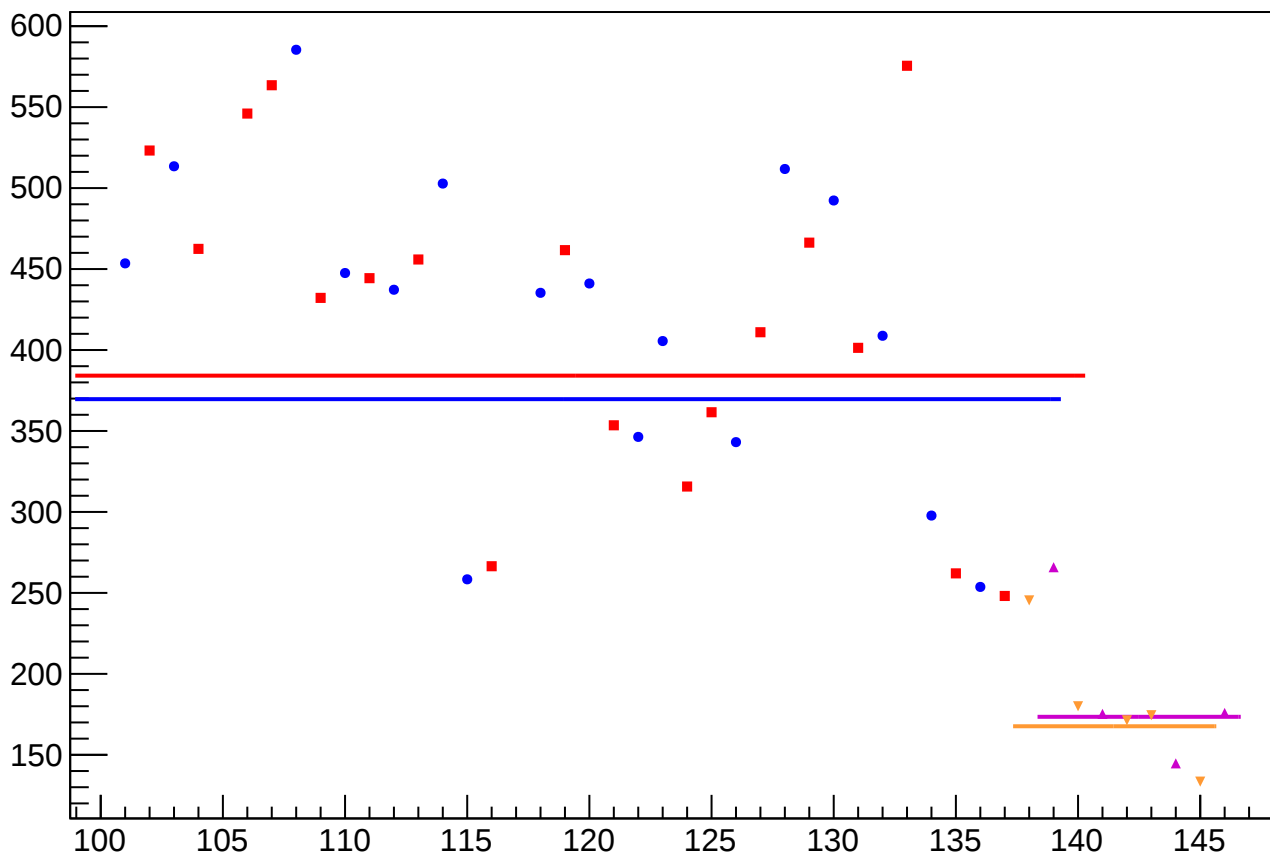
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 52.396 $\pm$ 81.611 χ^2 /NDF:26.6/20

Out: 67.558 $\pm$ 78.290 χ^2 /NDF:23.5/22

All: 60.291 $\pm$ 56.497 χ^2 /NDF: 50.1/43

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 167.641 $\pm$ 0.065 χ^2 /NDF: 254212.4/4

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 173.484 $\pm$ 0.069 χ^2 /NDF: 258634.1/3

Left: 170.382 $\pm$ 0.047 χ^2 /NDF: 516648.9/8

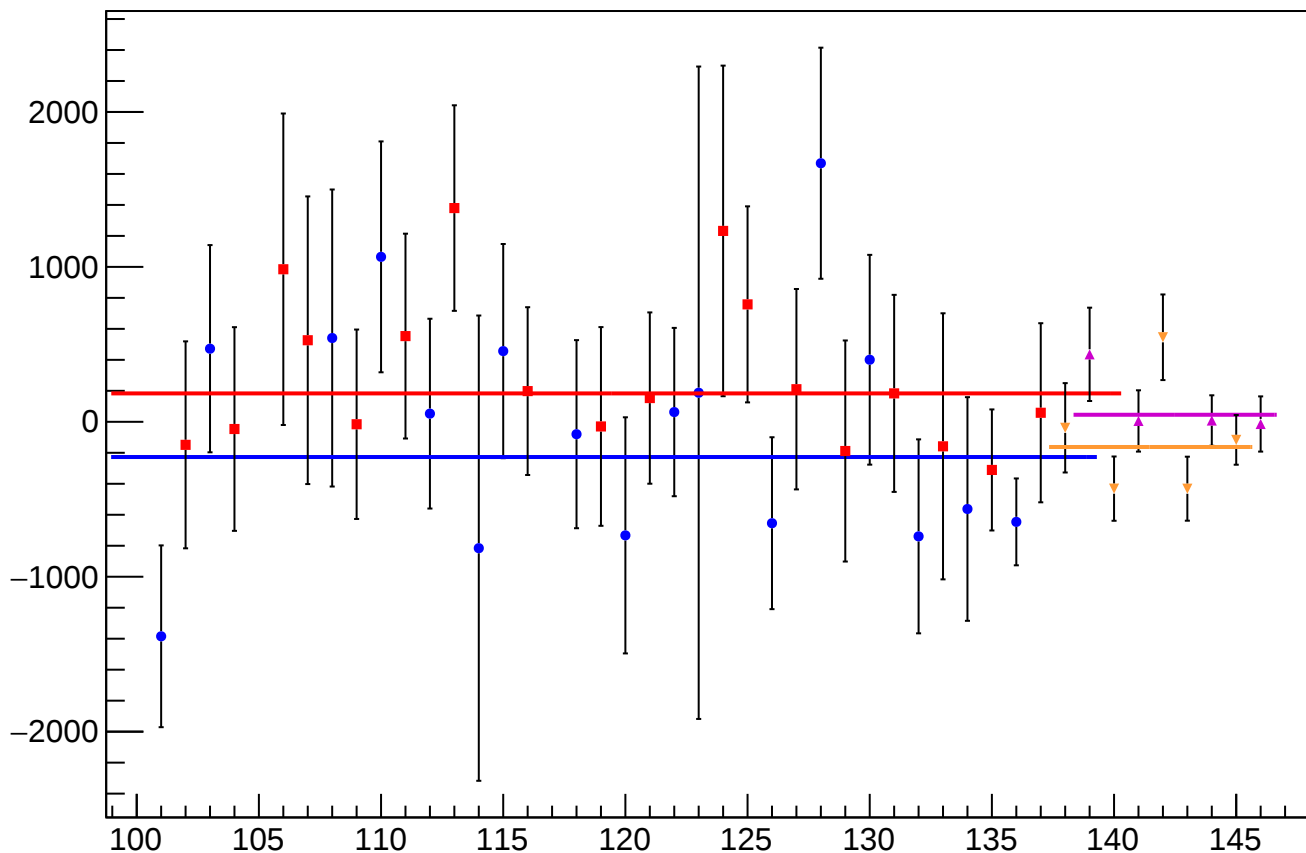
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 232.646 $\pm$ 0.058 χ^2 /NDF: 3595321.6/20

Out: 226.624 $\pm$ 0.055 χ^2 /NDF: 4161411.8/22

All: 229.510 $\pm$ 0.040 χ^2 /NDF: 7762403.8/43

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: -162.554 ± 95.057 $\chi^2/\text{NDF}: 10.2/4$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 45.491 ± 97.235 $\chi^2/\text{NDF}: 1.9/3$

Left: -60.888 ± 67.973 $\chi^2/\text{NDF}: 14.4/8$

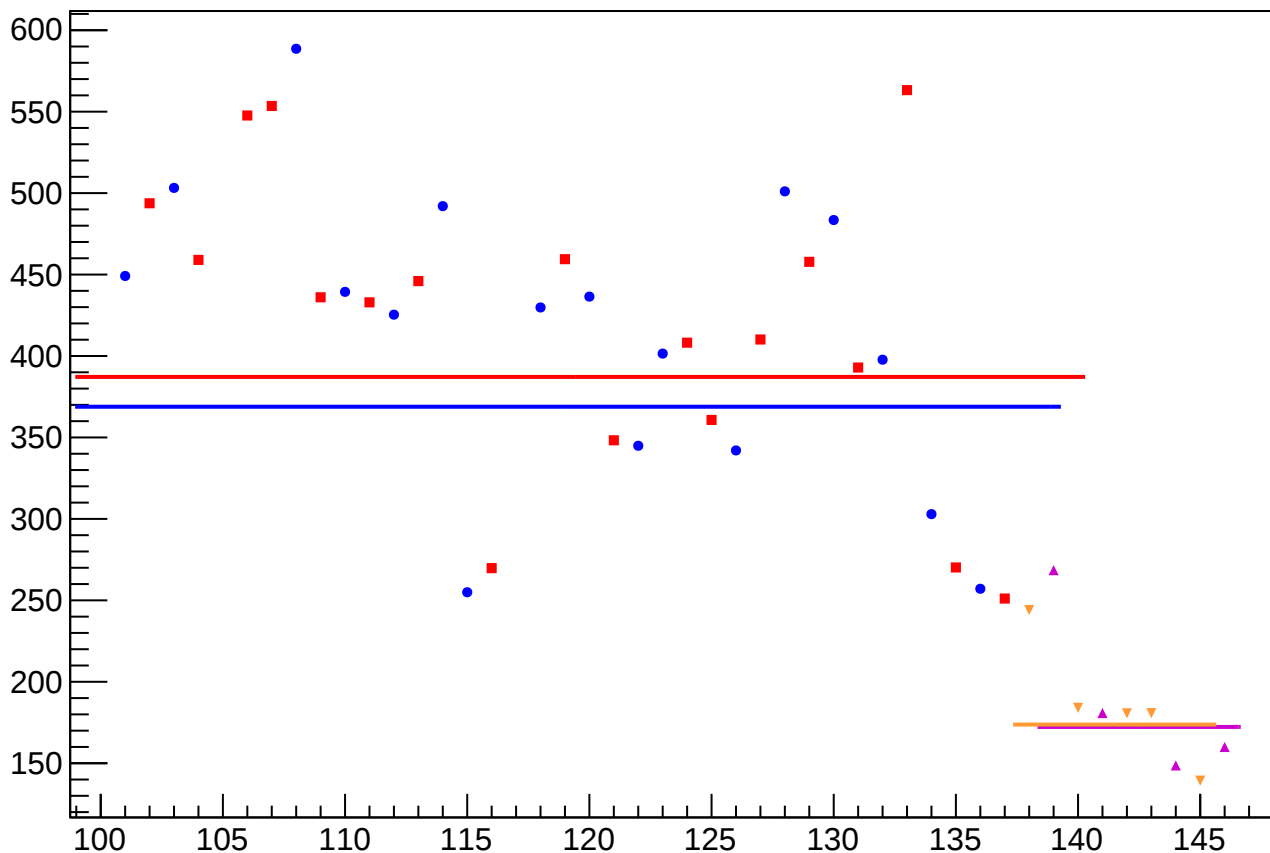
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -36.809 ± 81.253 $\chi^2/\text{NDF}: 26.1/20$

Out: -63.910 ± 80.367 $\chi^2/\text{NDF}: 22.8/22$

All: -50.508 ± 57.139 $\chi^2/\text{NDF}: 48.9/43$

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: 173.751 $\pm$ 0.067 χ^2 /NDF: 219300.0/4

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 172.294 $\pm$ 0.069 χ^2 /NDF: 259506.1/3

Left: 173.039 $\pm$ 0.048 χ^2 /NDF: 479035.5/8

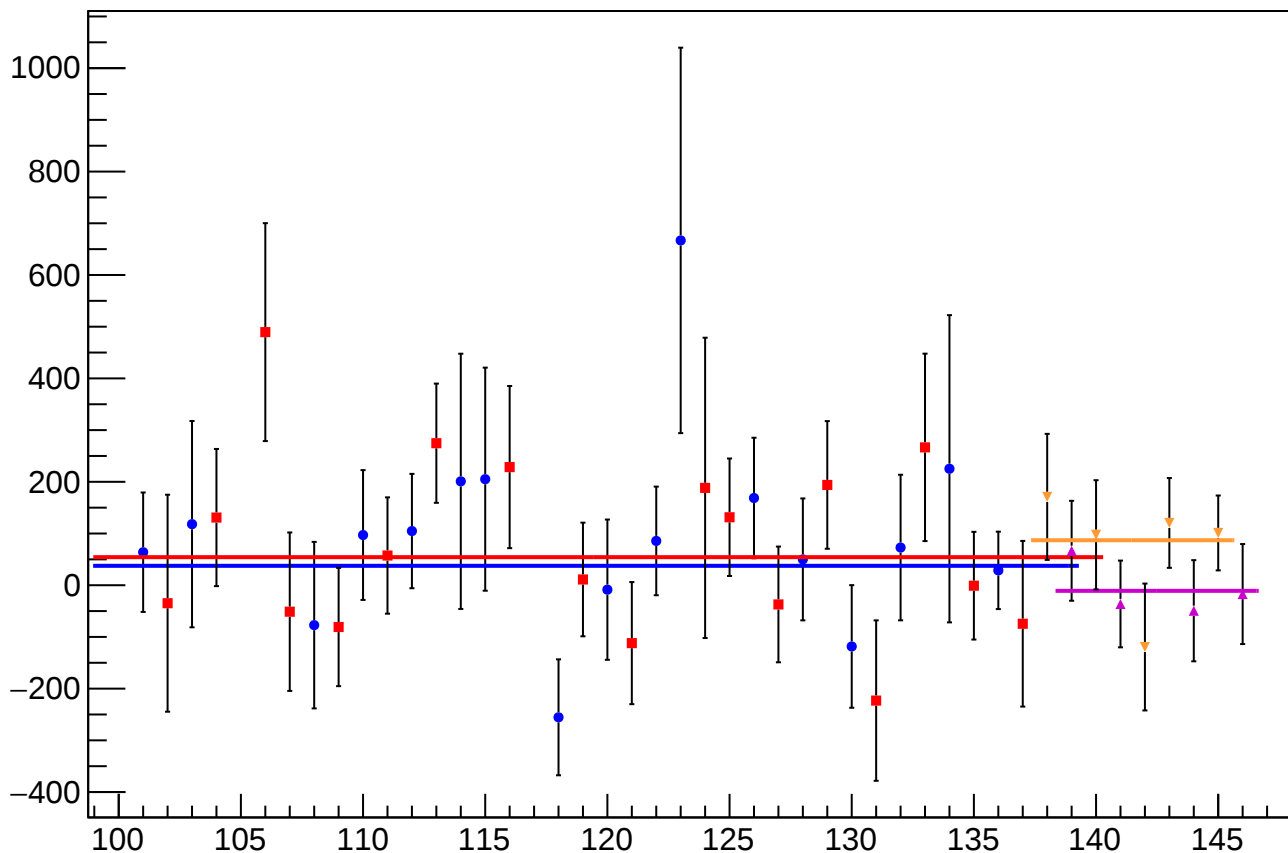
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 231.604 $\pm$ 0.057 χ^2 /NDF: 3555390.3/20

Out: 234.617 $\pm$ 0.057 χ^2 /NDF: 3852586.8/22

All: 233.127 $\pm$ 0.040 χ^2 /NDF: 7409367.9/43

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: 86.989 $\pm$ 42.766 χ^2 /NDF: 3.5/4

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: -10.858 $\pm$ 46.589 χ^2 /NDF: 0.9/3

Left: 42.245 $\pm$ 31.505 χ^2 /NDF: 6.8/8

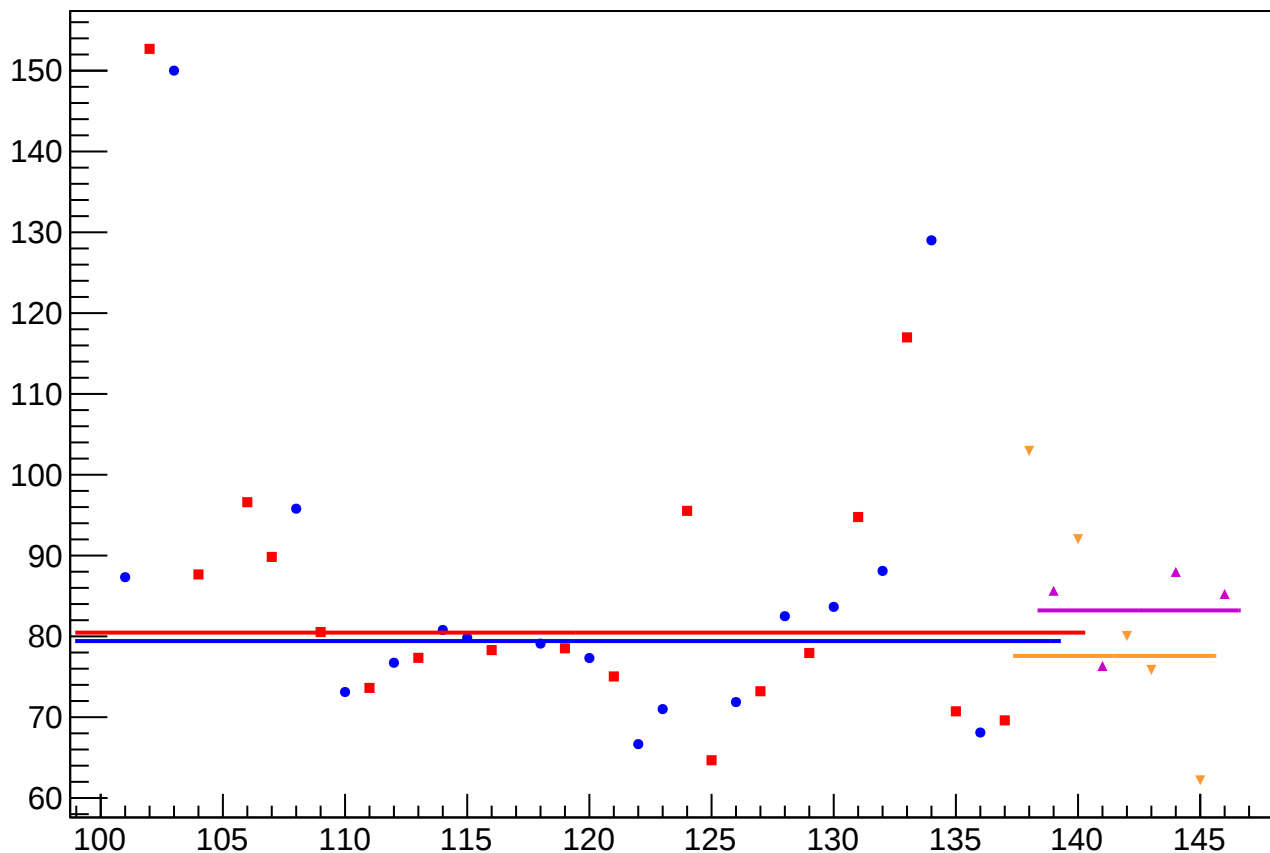
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 22.379 $\pm$ 26.072 χ^2 /NDF: 17.5/20

Out: 65.775 $\pm$ 25.357 χ^2 /NDF: 25.7/22

All: 44.681 $\pm$ 18.178 χ^2 /NDF: 44.6/43

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: 77.582 $\pm$ 0.030 χ^2 /NDF:216164.4/4

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 83.211 $\pm$ 0.033 χ^2 /NDF:20350.7/3

Left: 80.156 $\pm$ 0.022 χ^2 /NDF: 252361.8/8

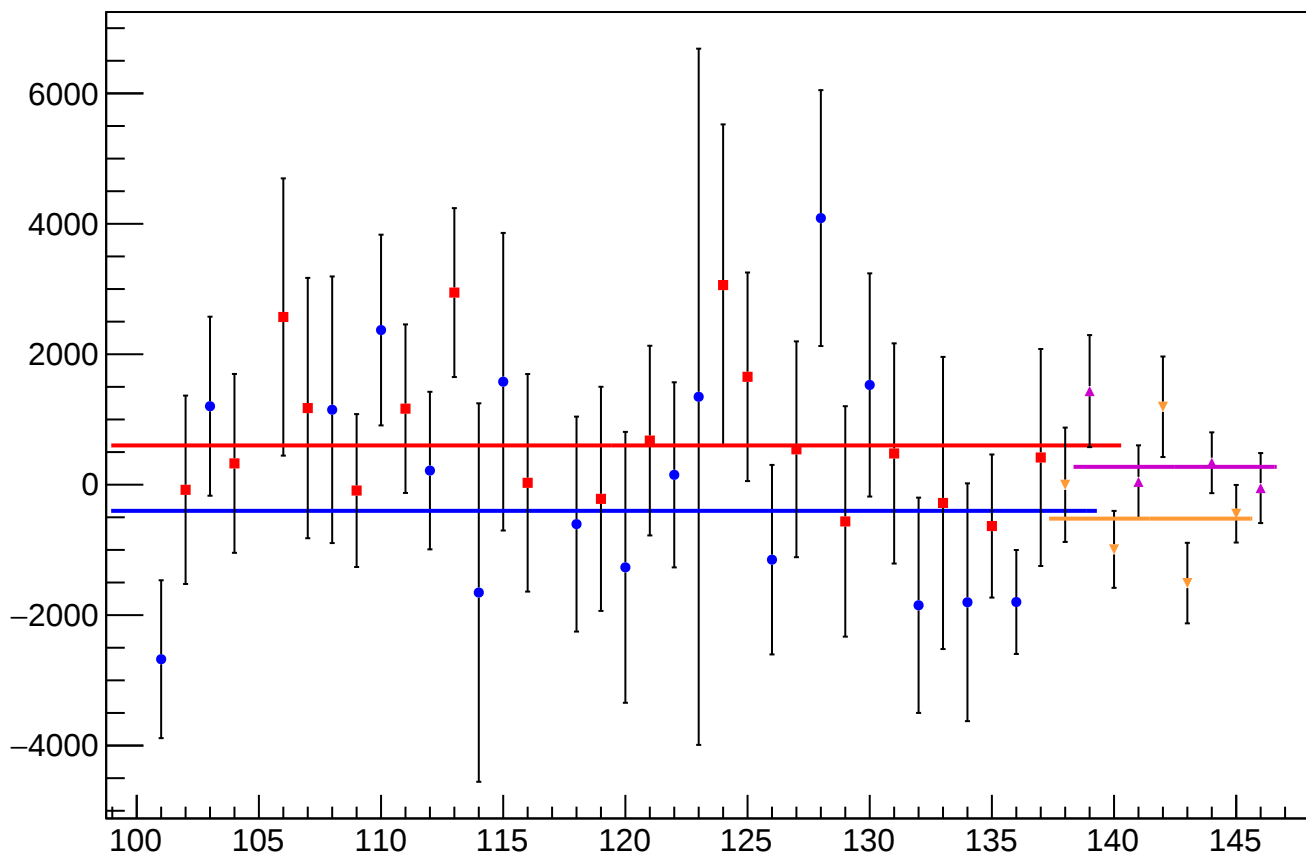
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 80.608 $\pm$ 0.018 χ^2 /NDF:468486.5/20

Out: 79.452 $\pm$ 0.018 χ^2 /NDF:676437.0/22

All: 80.014 $\pm$ 0.013 χ^2 /NDF: 1146946.1/43

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -520.314+/-271.046 χ^2/NDF : 8.5/4

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 273.560+/-281.570 χ^2/NDF : 2.4/3

Left: -138.490+/-195.273 χ^2/NDF : 15.0/8

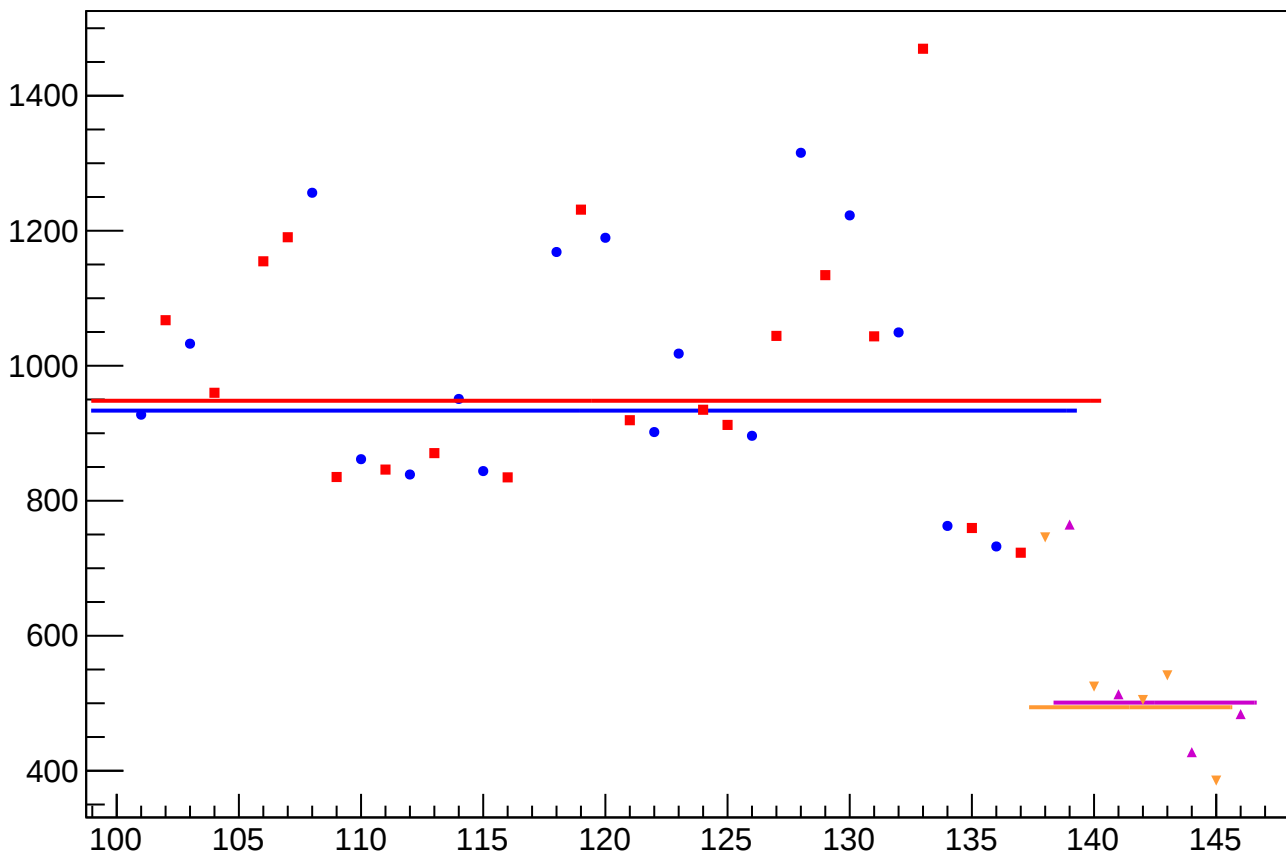
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 24.866+/-223.728 χ^2/NDF : 26.4/20

Out: -119.558+/-217.325 χ^2/NDF : 23.3/22

All: -49.442+/-155.886 χ^2/NDF : 50.0/43

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 494.087 $\pm$ 0.192 χ^2 /NDF:303373.3/4

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 500.967 $\pm$ 0.199 χ^2 /NDF:241177.5/3

Left: 497.396 $\pm$ 0.138 χ^2 /NDF: 545170.6/8

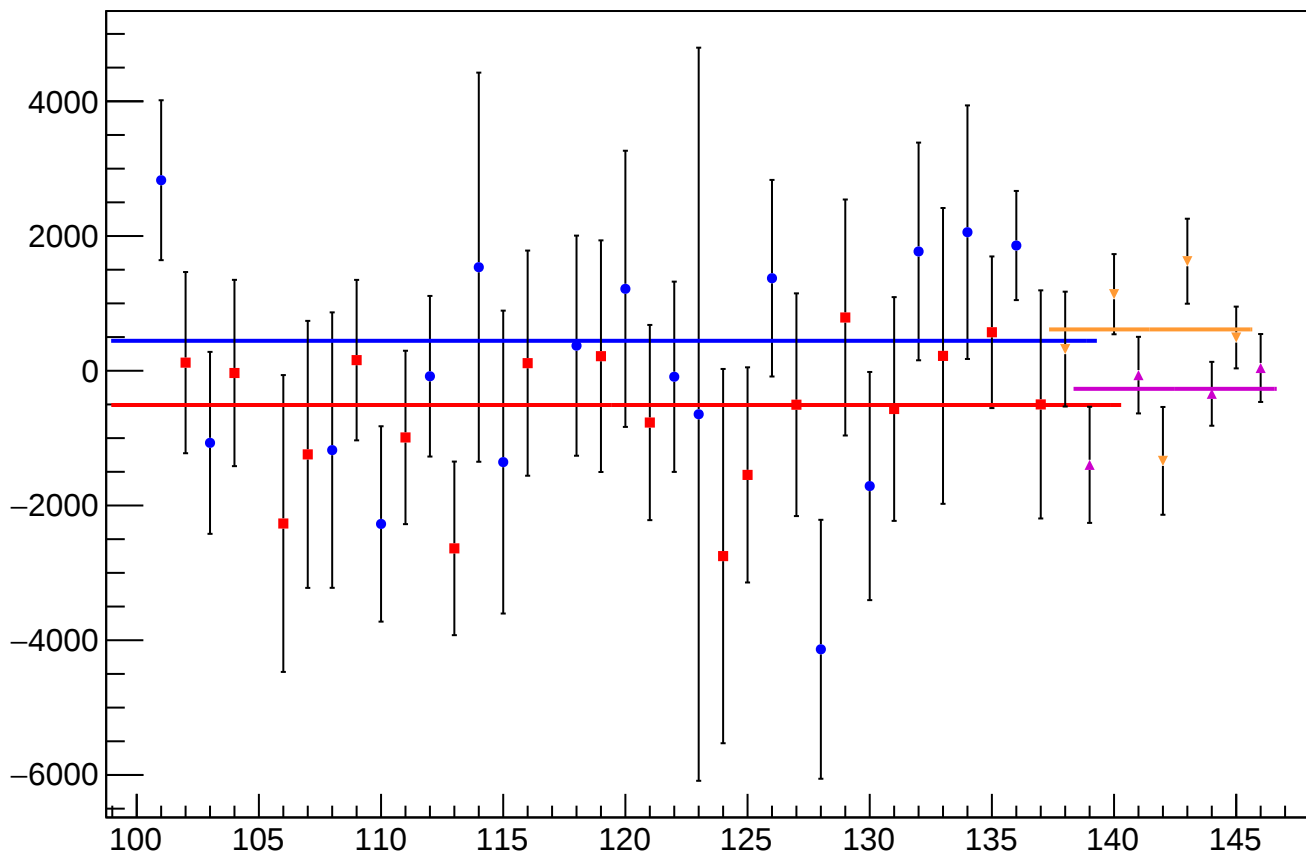
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 660.431 $\pm$ 0.158 χ^2 /NDF:2423593.9/20

Out: 656.233 $\pm$ 0.154 χ^2 /NDF:2712772.3/22

All: 658.271 $\pm$ 0.110 χ^2 /NDF: 5136728.6/43

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 613.641 $\pm$ 276.988 χ^2 /NDF:9.5/4

Right Out: -508.221 $\pm$ 364.112 χ^2 /NDF: 7.3/17

Left In: -268.308 $\pm$ 279.263 χ^2 /NDF:2.2/3

Left: 176.273 $\pm$ 196.659 χ^2 /NDF: 16.8/8

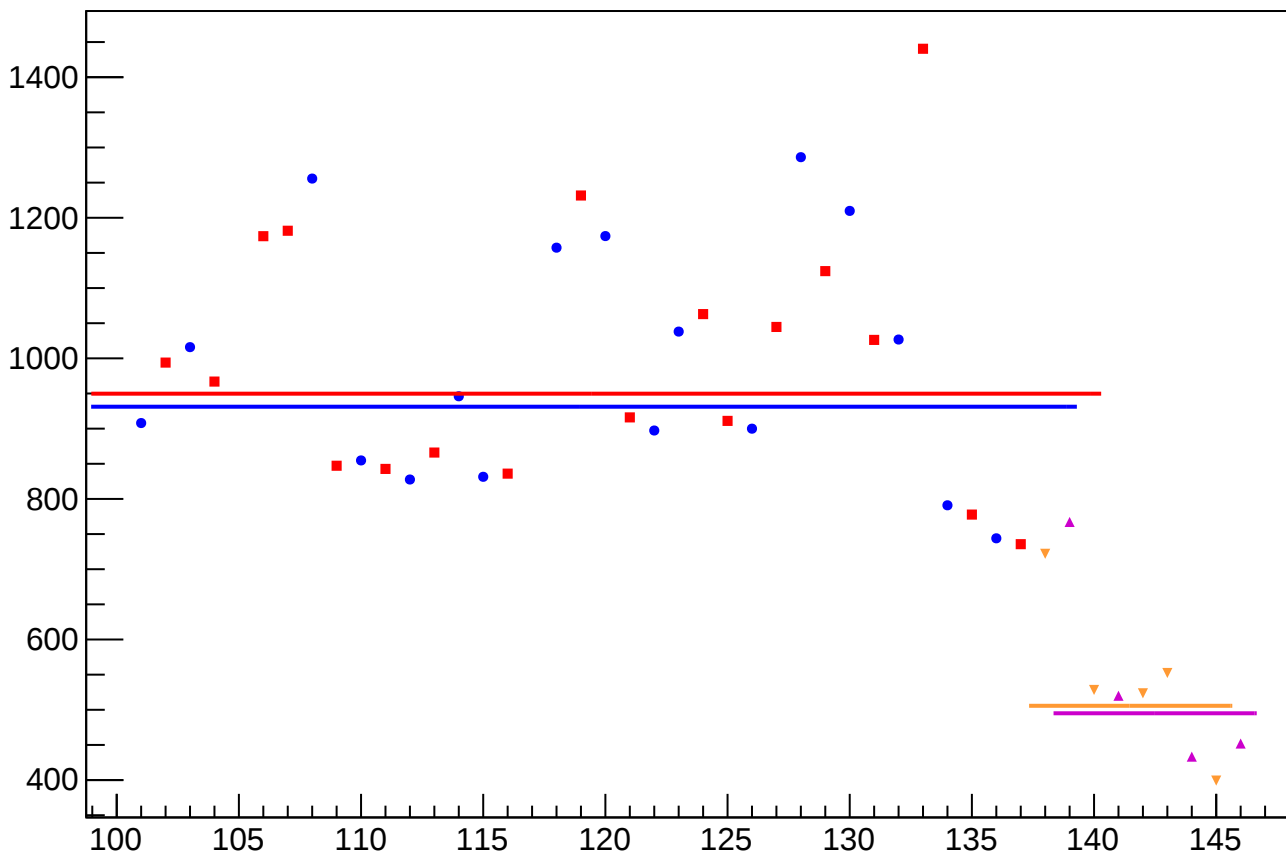
Right: -35.668 $\pm$ 258.516 χ^2 /NDF: 33.6/34

In: -6.951 $\pm$ 222.260 χ^2 /NDF:27.5/20

Out: 202.404 $\pm$ 220.451 χ^2 /NDF:22.8/22

All: 98.582 $\pm$ 156.518 χ^2 /NDF: 50.8/43

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 ± 0.260 χ^2/NDF : 400242.2/16

Left Out: 505.691 ± 0.196 χ^2/NDF : 251239.3/4

Right Out: 949.740 ± 0.257 χ^2/NDF : 365550.8/17

Left In: 495.041 ± 0.197 χ^2/NDF : 251831.4/3

Left: 500.410 ± 0.139 χ^2/NDF : 504537.0/8

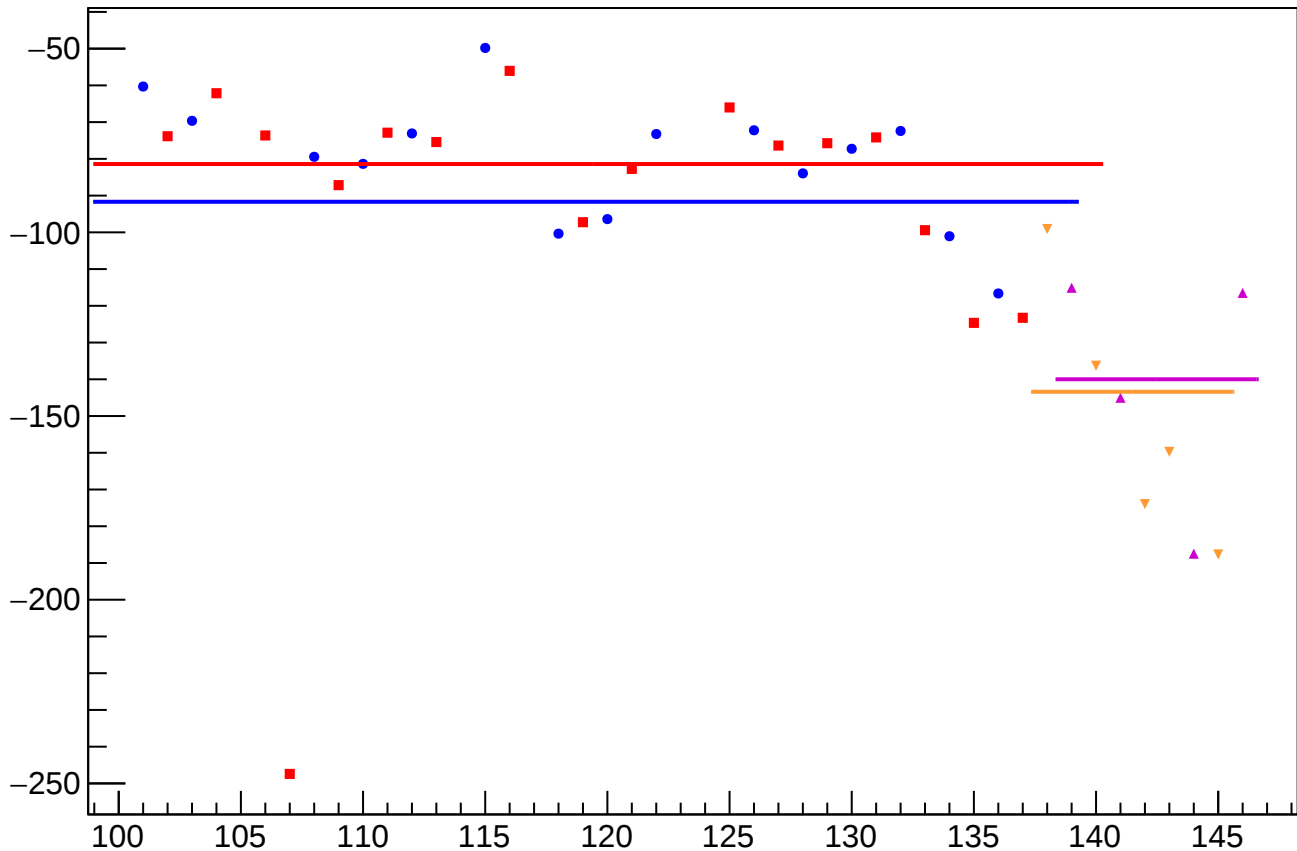
Right: 940.547 ± 0.183 χ^2/NDF : 768363.9/34

In: 654.925 ± 0.157 χ^2/NDF : 2440442.9/20

Out: 668.465 ± 0.156 χ^2/NDF : 2500973.8/22

All: 661.750 ± 0.111 χ^2/NDF : 4945158.1/43

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -143.396 ± 0.231 χ^2/NDF : 8560.0/4

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -139.994 ± 0.140 χ^2/NDF : 17280.0/3

Left: -140.911 ± 0.120 χ^2/NDF : 25998.1/8

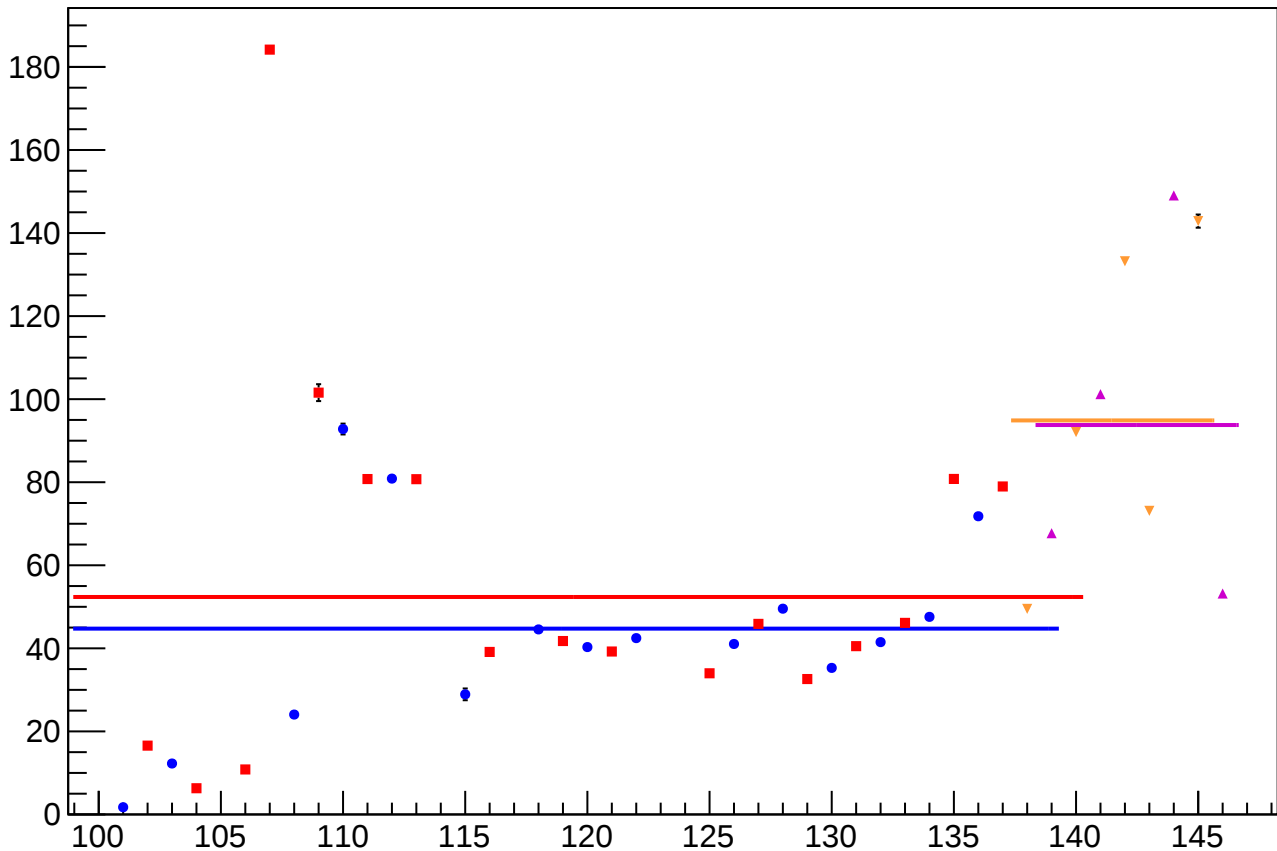
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -101.317 ± 0.063 χ^2/NDF : 176571.3/18

Out: -90.922 ± 0.091 χ^2/NDF : 111105.5/21

All: -97.947 ± 0.052 χ^2/NDF : 296575.0/40

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 94.881+/-0.248 χ^2/NDF : 8120.1/4

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 93.773+/-0.144 χ^2/NDF : 24527.2/3

Left: 94.053+/-0.125 χ^2/NDF : 32662.2/8

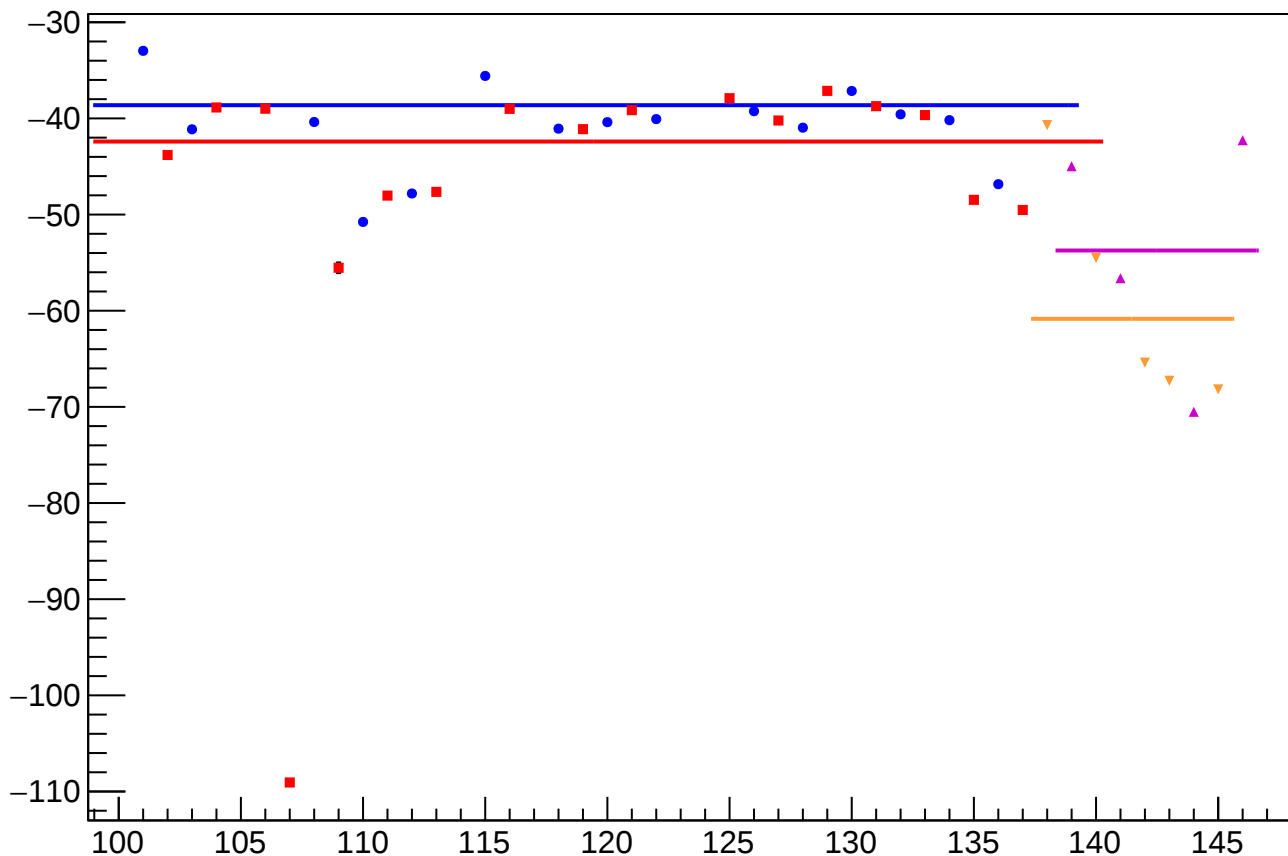
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 52.088+/-0.056 χ^2/NDF : 207353.7/18

Out: 59.606+/-0.103 χ^2/NDF : 101697.2/21

All: 53.808+/-0.049 χ^2/NDF : 313197.8/40

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625±/0.008 χ^2/NDF : 240108.7/14

Left Out: -60.842±/0.051 χ^2/NDF : 21007.3/4

Right Out: -42.406±/0.021 χ^2/NDF : 269138.5/16

Left In: -53.737±/0.041 χ^2/NDF : 32059.2/3

Left: -56.493±/0.032 χ^2/NDF : 64763.9/8

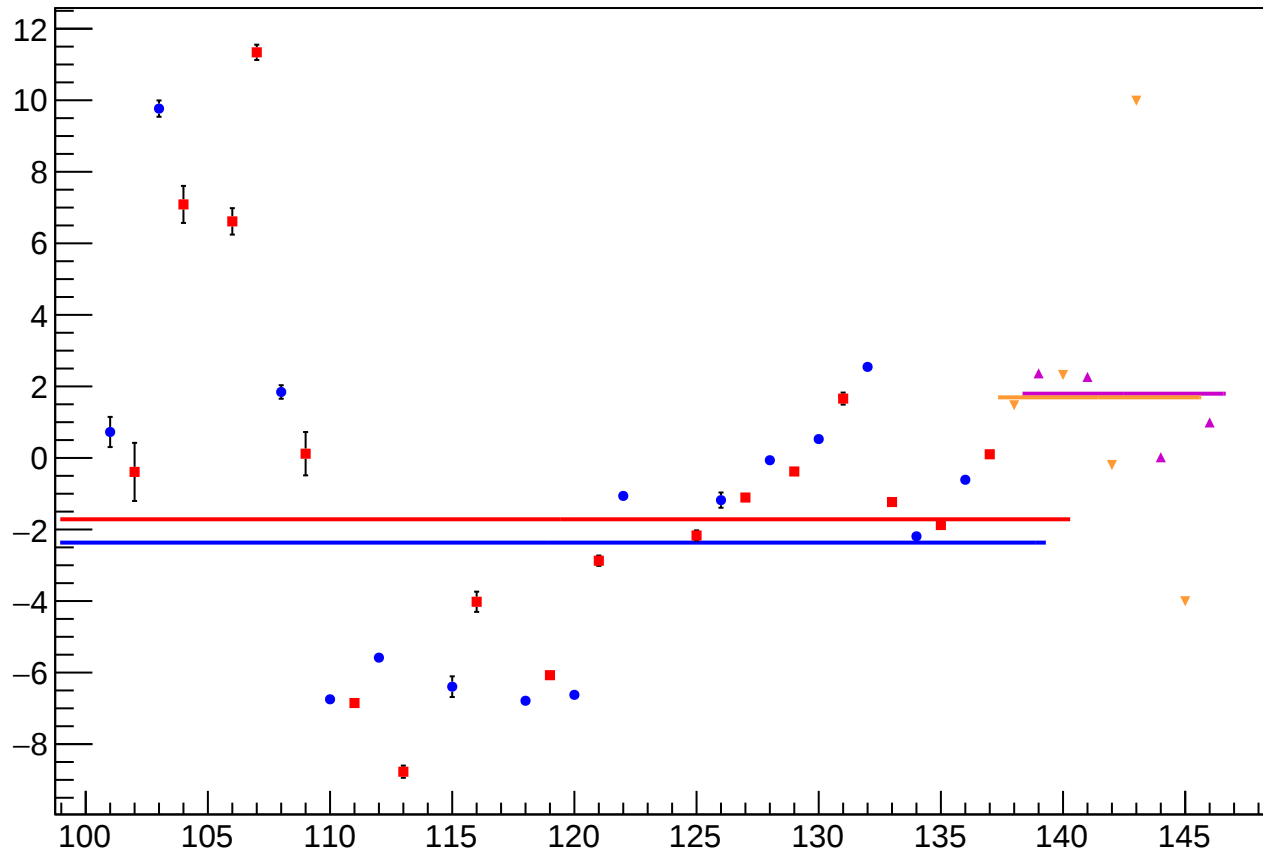
Right: -39.121±/0.008 χ^2/NDF : 536660.1/31

In: -39.218±/0.008 χ^2/NDF : 403268.4/18

Out: -45.106±/0.020 χ^2/NDF : 399980.1/21

All: -40.073±/0.007 χ^2/NDF : 879860.5/40

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.694 ± 0.030 $\chi^2/\text{NDF}: 8989.0/4$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.797 ± 0.018 $\chi^2/\text{NDF}: 1624.6/3$

Left: 1.770 ± 0.015 $\chi^2/\text{NDF}: 10622.4/8$

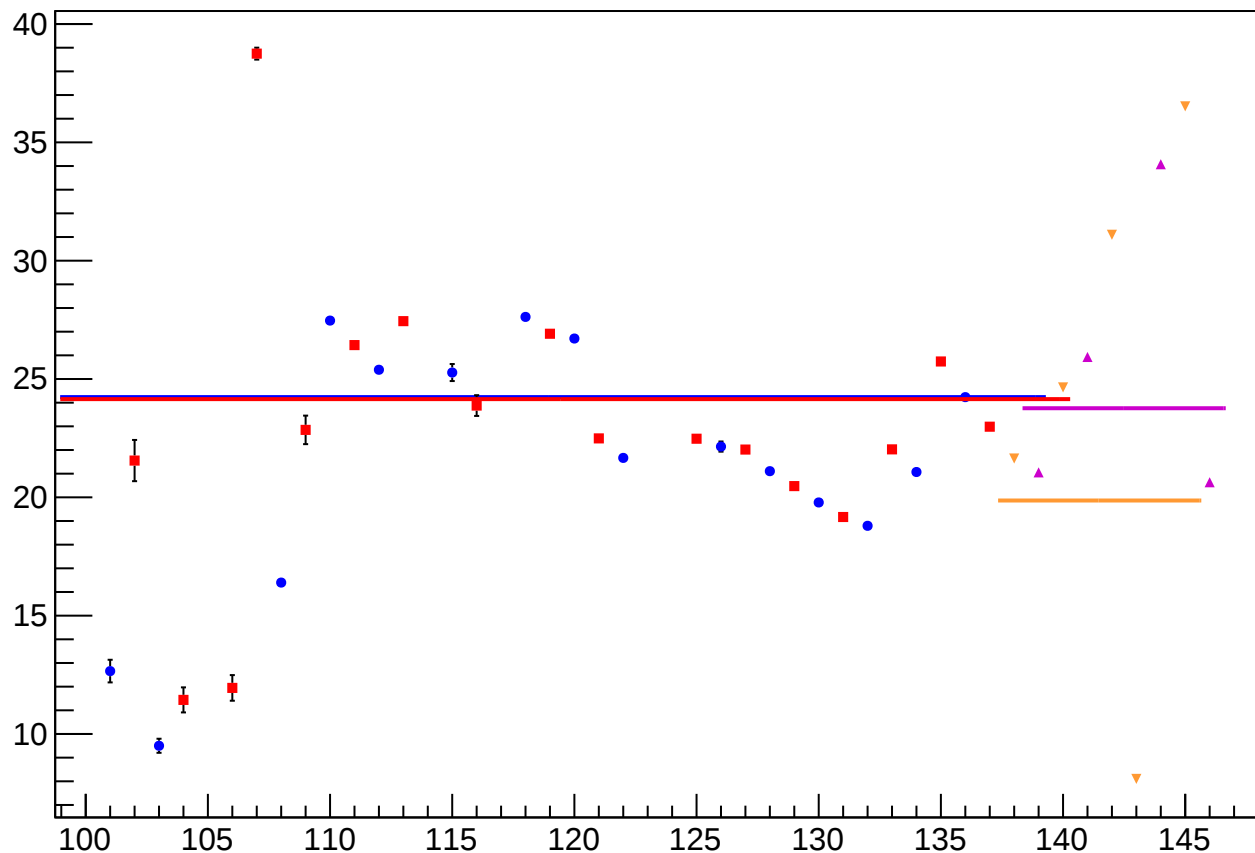
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.750 ± 0.011 $\chi^2/\text{NDF}: 64417.2/18$

Out: -0.177 ± 0.020 $\chi^2/\text{NDF}: 28904.6/21$

All: -0.616 ± 0.010 $\chi^2/\text{NDF}: 93951.2/40$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2/NDF : 21896.9/14

Left Out: 19.866 $\pm$ 0.047 χ^2/NDF : 37874.0/4

Right Out: 24.150 $\pm$ 0.024 χ^2/NDF : 13222.6/16

Left In: 23.765 $\pm$ 0.029 χ^2/NDF : 14071.5/3

Left: 22.703 $\pm$ 0.025 χ^2/NDF : 56895.6/8

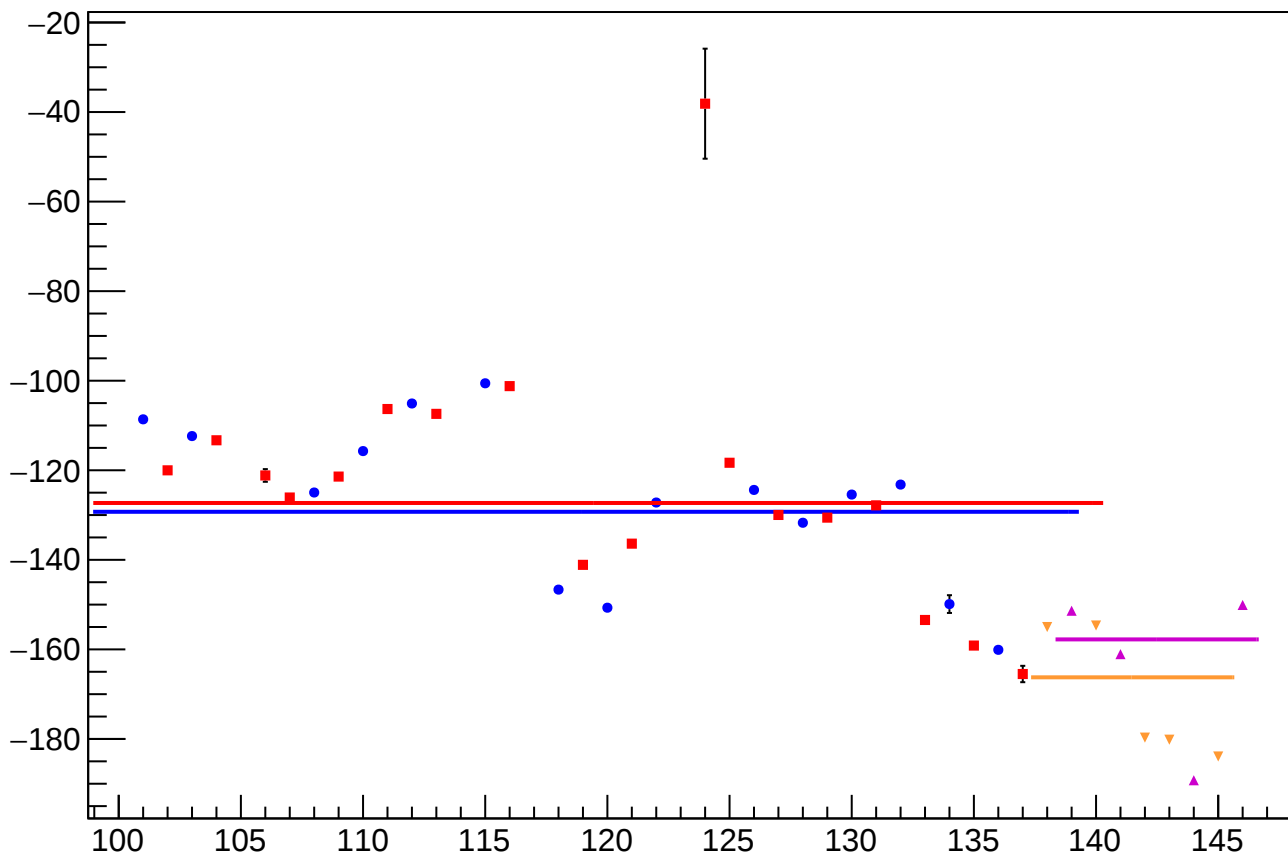
Right: 24.197 $\pm$ 0.016 χ^2/NDF : 35126.2/31

In: 24.063 $\pm$ 0.018 χ^2/NDF : 36135.7/18

Out: 23.251 $\pm$ 0.022 χ^2/NDF : 57584.9/21

All: 23.741 $\pm$ 0.014 χ^2/NDF : 94569.9/40

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -166.240 ± 0.137 χ^2/NDF : 8445.6/4

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -157.770 ± 0.117 χ^2/NDF : 10886.9/3

Left: -161.329 ± 0.089 χ^2/NDF : 21546.4/8

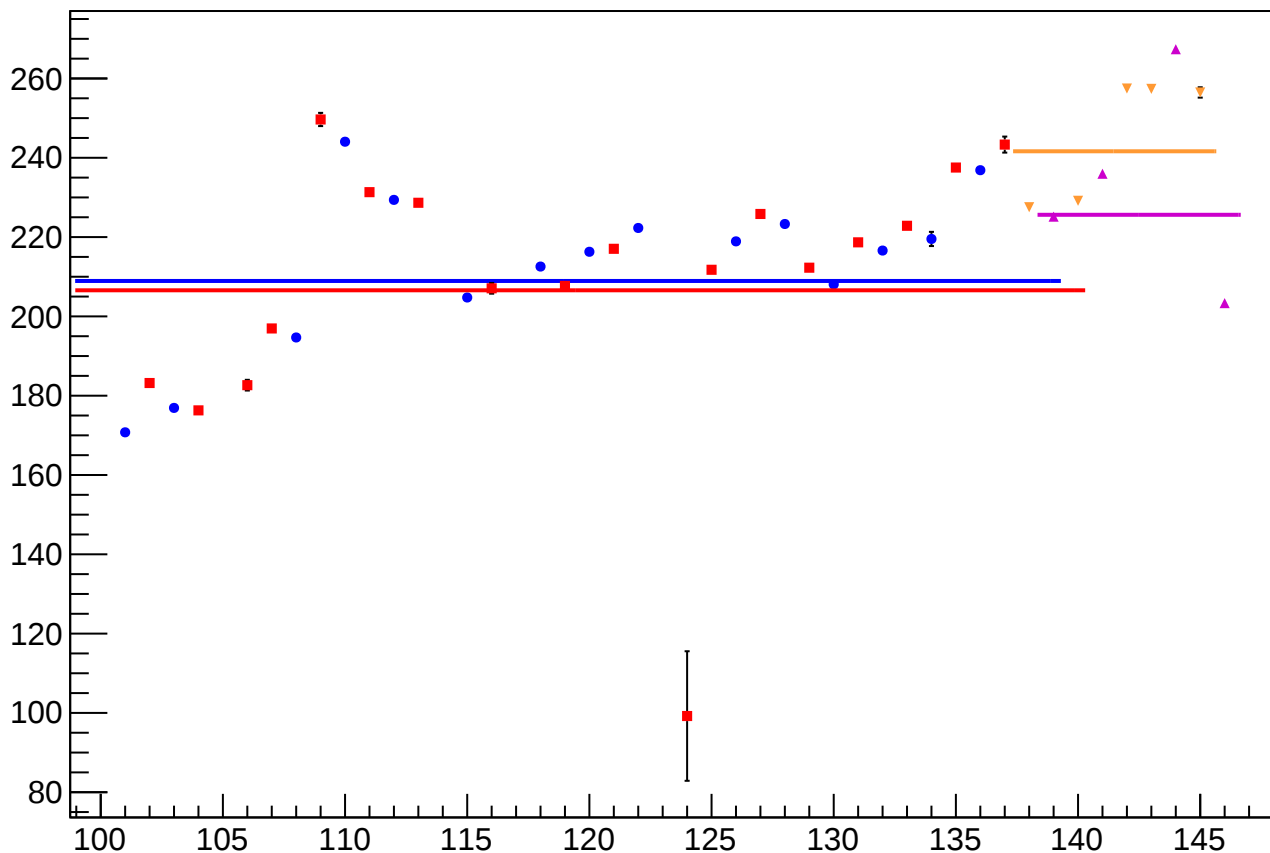
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -139.572 ± 0.070 χ^2/NDF : 84094.4/18

Out: -137.992 ± 0.072 χ^2/NDF : 96584.7/22

All: -138.800 ± 0.050 χ^2/NDF : 180926.8/41

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 241.638 $\pm$ 0.139 χ^2/NDF :10895.5/4

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 225.622 $\pm$ 0.119 χ^2/NDF :24703.5/3

Left: 232.394 $\pm$ 0.091 χ^2/NDF : 43223.8/8

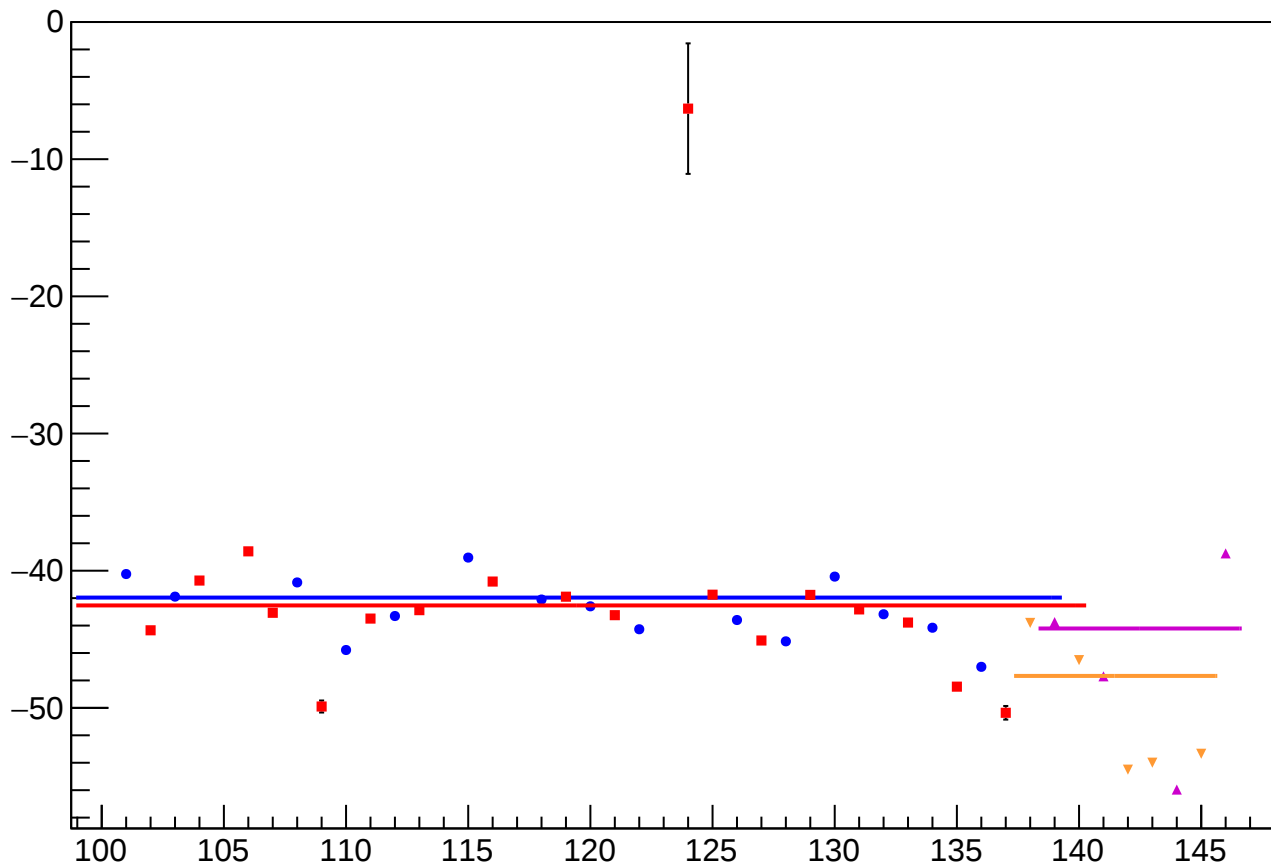
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 214.920 $\pm$ 0.071 χ^2/NDF :81942.8/18

Out: 215.792 $\pm$ 0.071 χ^2/NDF :105769.2/22

All: 215.356 $\pm$ 0.051 χ^2/NDF : 187786.5/41

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -47.670 $\pm$ 0.025 χ^2 /NDF: 33960.8/4

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -44.213 $\pm$ 0.021 χ^2 /NDF: 28917.4/3

Left: -45.652 $\pm$ 0.016 χ^2 /NDF: 74401.3/8

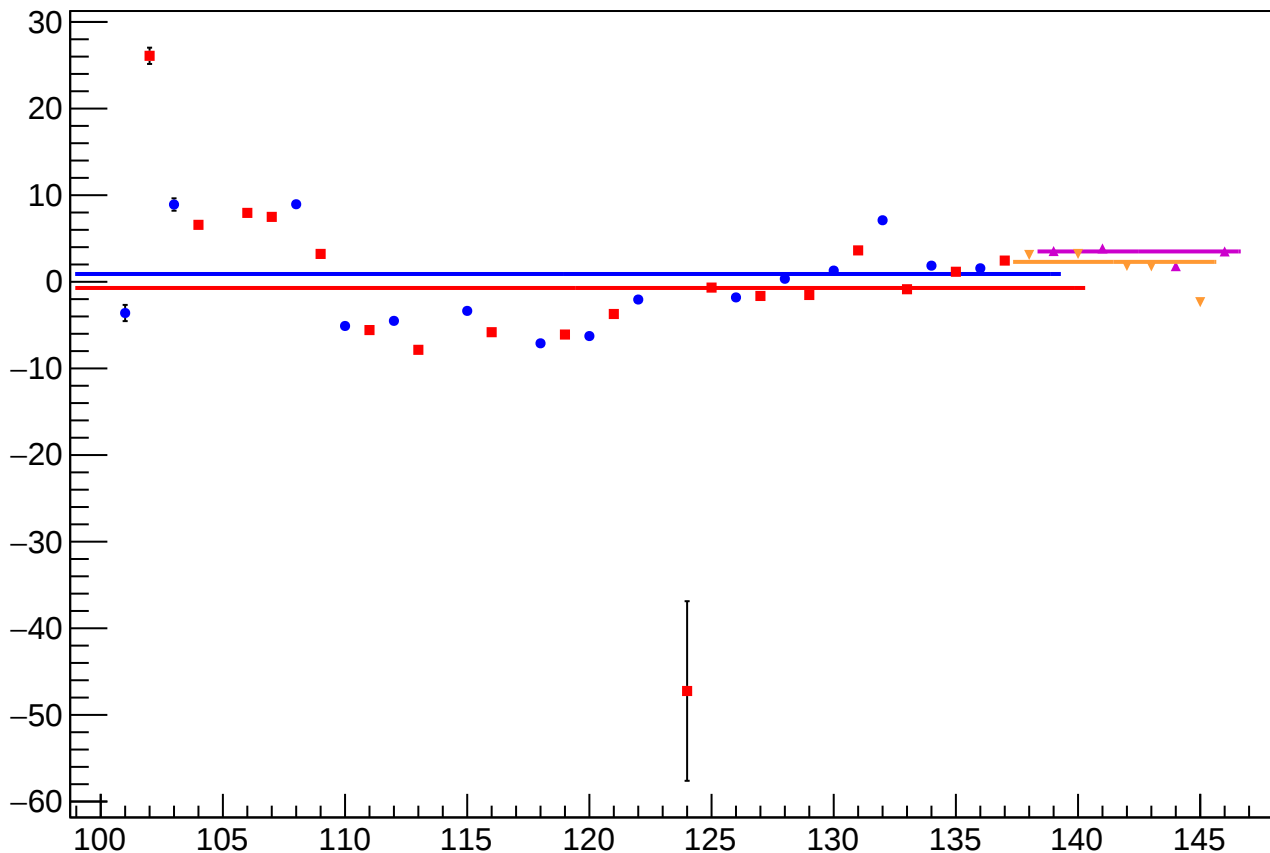
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -42.772 $\pm$ 0.012 χ^2 /NDF: 60664.6/18

Out: -44.655 $\pm$ 0.016 χ^2 /NDF: 65675.0/22

All: -43.494 $\pm$ 0.010 χ^2 /NDF: 135073.9/41

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.301 ± 0.023 $\chi^2/\text{NDF}: 5078.8/4$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.505 ± 0.019 $\chi^2/\text{NDF}: 947.9/3$

Left: 3.025 ± 0.014 $\chi^2/\text{NDF}: 7700.1/8$

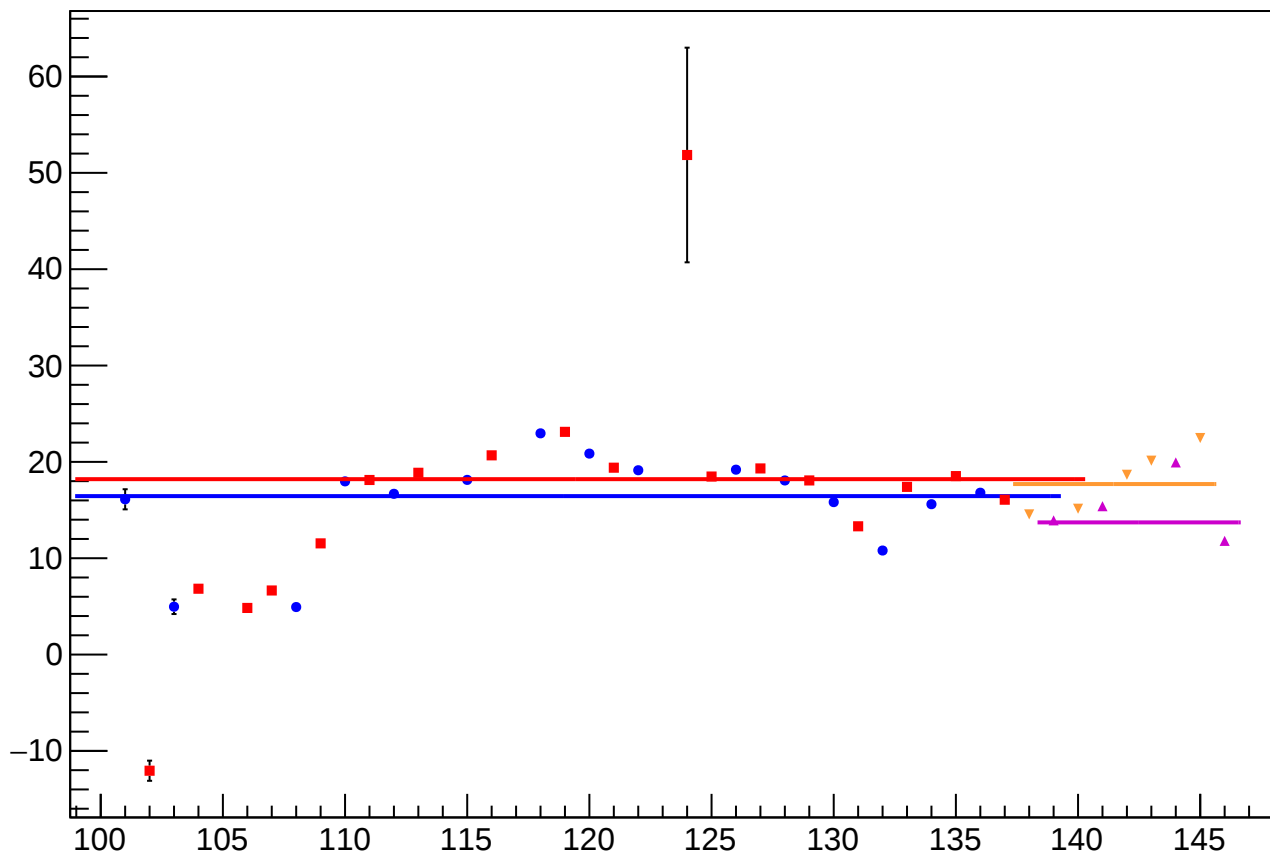
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.302 ± 0.014 $\chi^2/\text{NDF}: 31147.4/18$

Out: 0.889 ± 0.017 $\chi^2/\text{NDF}: 43967.6/22$

All: 1.735 ± 0.011 $\chi^2/\text{NDF}: 79430.6/41$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2/NDF : 14183.1/14

Left Out: 17.699 $\pm$ 0.028 χ^2/NDF : 8174.2/4

Right Out: 18.207 $\pm$ 0.020 χ^2/NDF : 27493.7/17

Left In: 13.719 $\pm$ 0.022 χ^2/NDF : 9576.2/3

Left: 15.255 $\pm$ 0.017 χ^2/NDF : 30406.1/8

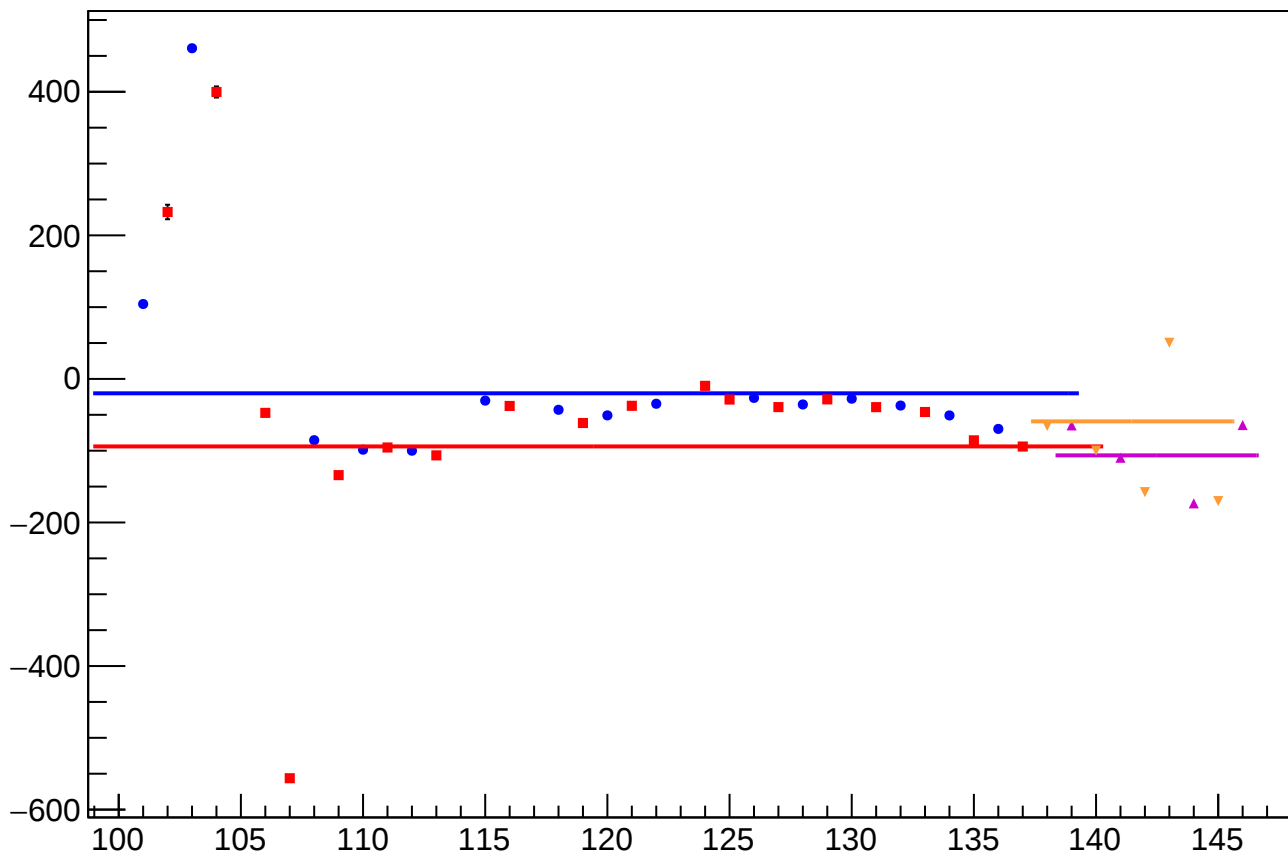
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 14.941 $\pm$ 0.016 χ^2/NDF : 30660.0/18

Out: 18.028 $\pm$ 0.016 χ^2/NDF : 35885.1/22

All: 16.474 $\pm$ 0.012 χ^2/NDF : 84284.0/41

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -59.154 ± 0.274 $\chi^2/\text{NDF}: 42844.1/4$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -106.502 ± 0.307 $\chi^2/\text{NDF}: 16749.3/3$

Left: -80.095 ± 0.204 $\chi^2/\text{NDF}: 72839.6/8$

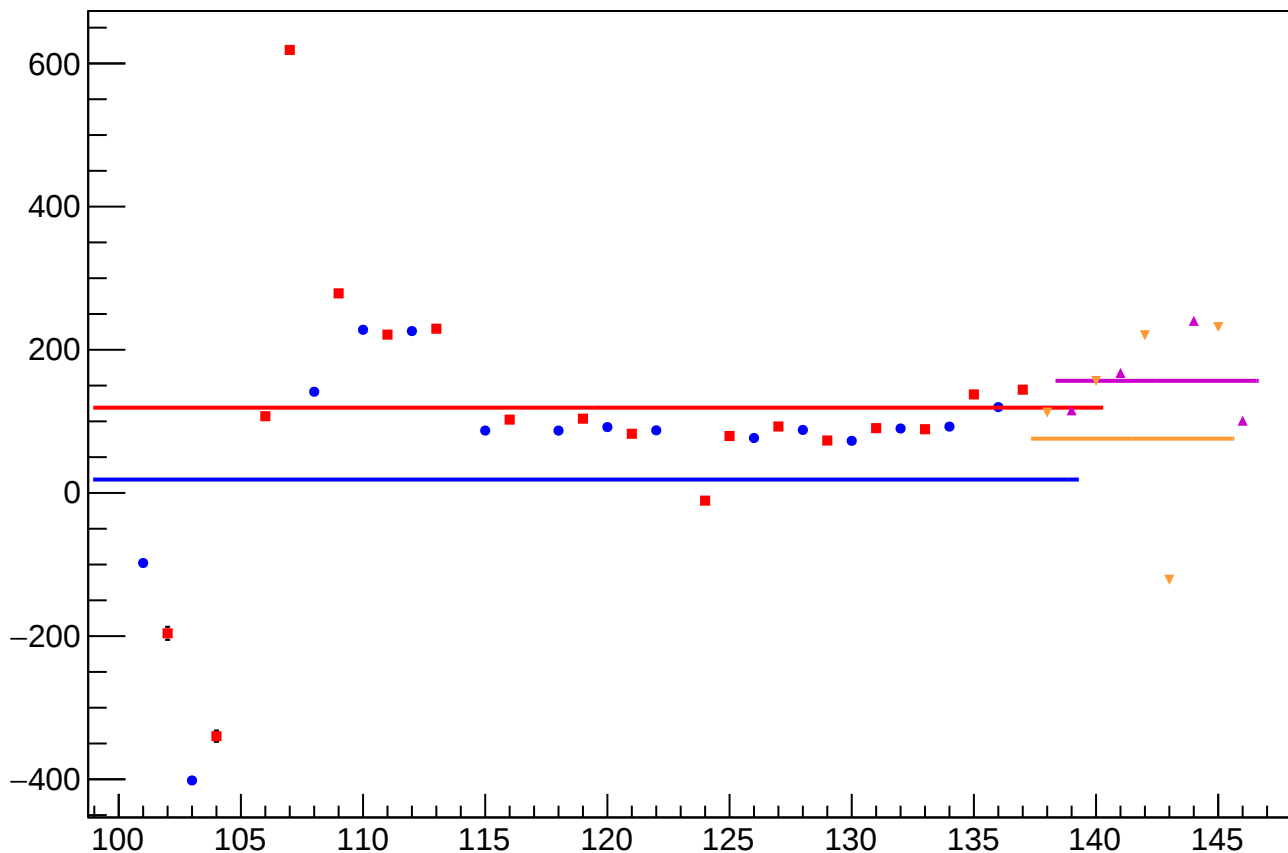
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -37.263 ± 0.137 $\chi^2/\text{NDF}: 521620.5/18$

Out: -93.978 ± 0.012 $\chi^2/\text{NDF}: 146566.9/22$

All: -93.516 ± 0.012 $\chi^2/\text{NDF}: 838014.9/41$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2 /NDF: 1101803.8/14

Left Out: 75.873+/-0.272 χ^2 /NDF:159900.2/4

Right Out: 119.167+/-0.199 χ^2 /NDF: 87450.0/17

Left In: 156.628+/-0.307 χ^2 /NDF:20688.3/3

Left: 111.318+/-0.203 χ^2 /NDF: 219381.9/8

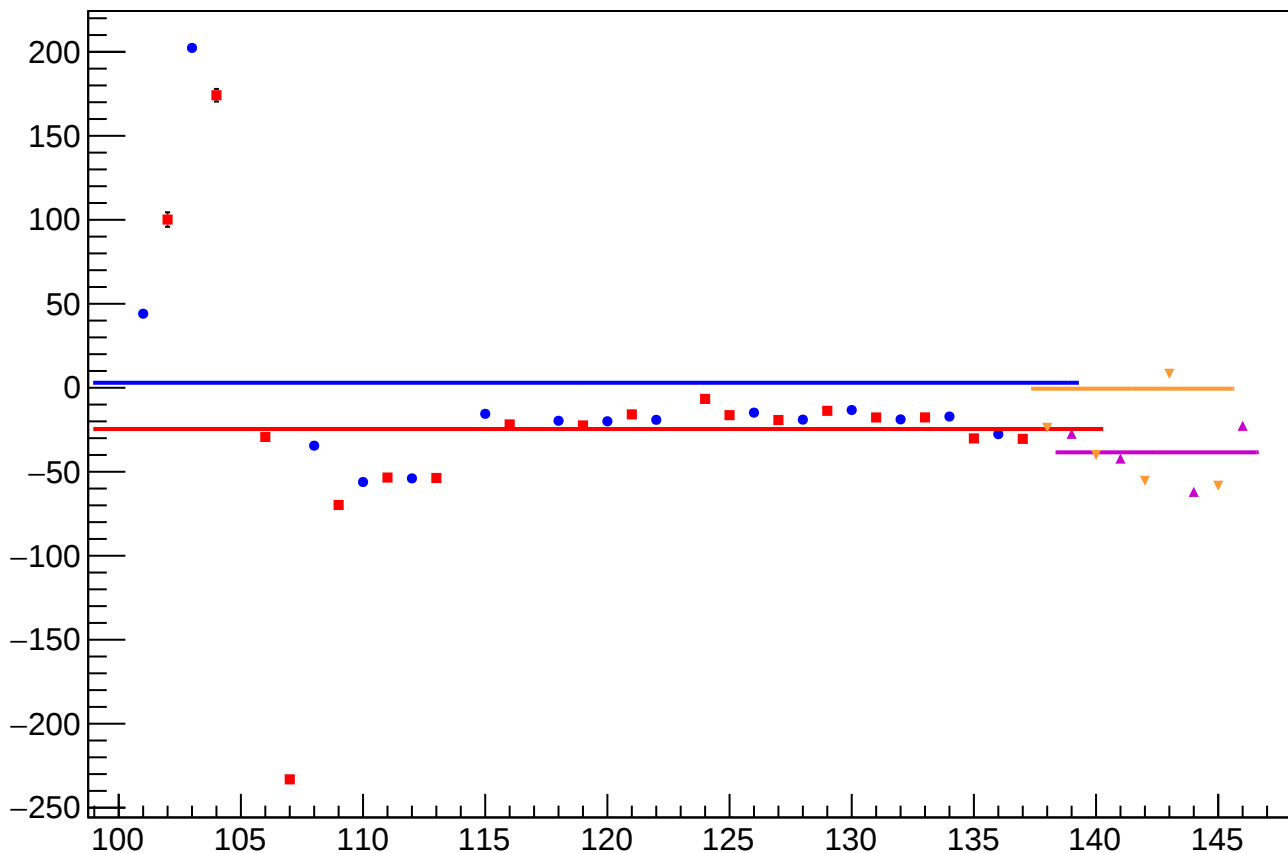
Right: 55.701+/-0.121 χ^2 /NDF: 1349806.5/32

In: 45.885+/-0.136 χ^2 /NDF:1284398.1/18

Out: 104.021+/-0.161 χ^2 /NDF:263866.9/22

All: 70.212+/-0.104 χ^2 /NDF: 1624411.2/41

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991+/-0.027 χ^2/NDF : 3496745.8/14

Left Out: -0.532+/-0.034 χ^2/NDF : 263495.3/4

Right Out: -24.533+/-0.044 χ^2/NDF : 176488.8/17

Left In: -38.435+/-0.060 χ^2/NDF : 27195.2/3

Left: -9.726+/-0.029 χ^2/NDF : 596688.1/8

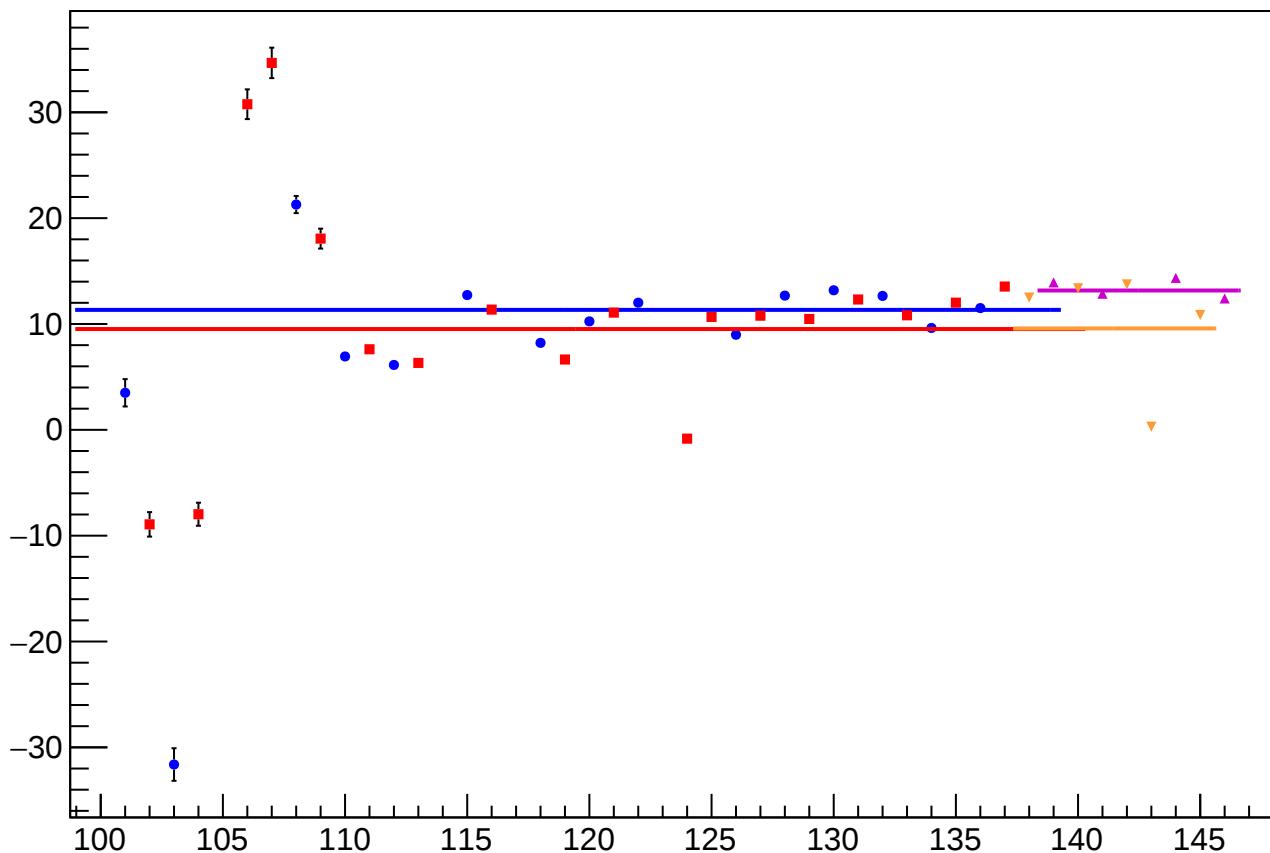
Right: -4.585+/-0.023 χ^2/NDF : 3961708.4/32

In: -4.007+/-0.025 χ^2/NDF : 3924997.8/18

Out: -9.517+/-0.027 χ^2/NDF : 629342.8/22

All: -6.528+/-0.018 χ^2/NDF : 4577457.9/41

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF : 2406.0/14

Left Out: 9.579+/-0.036 χ^2/NDF :23325.5/4

Right Out: 9.524+/-0.048 χ^2/NDF : 4066.9/17

Left In: 13.165+/-0.040 χ^2/NDF :365.3/3

Left: 11.214+/-0.027 χ^2/NDF : 28091.2/8

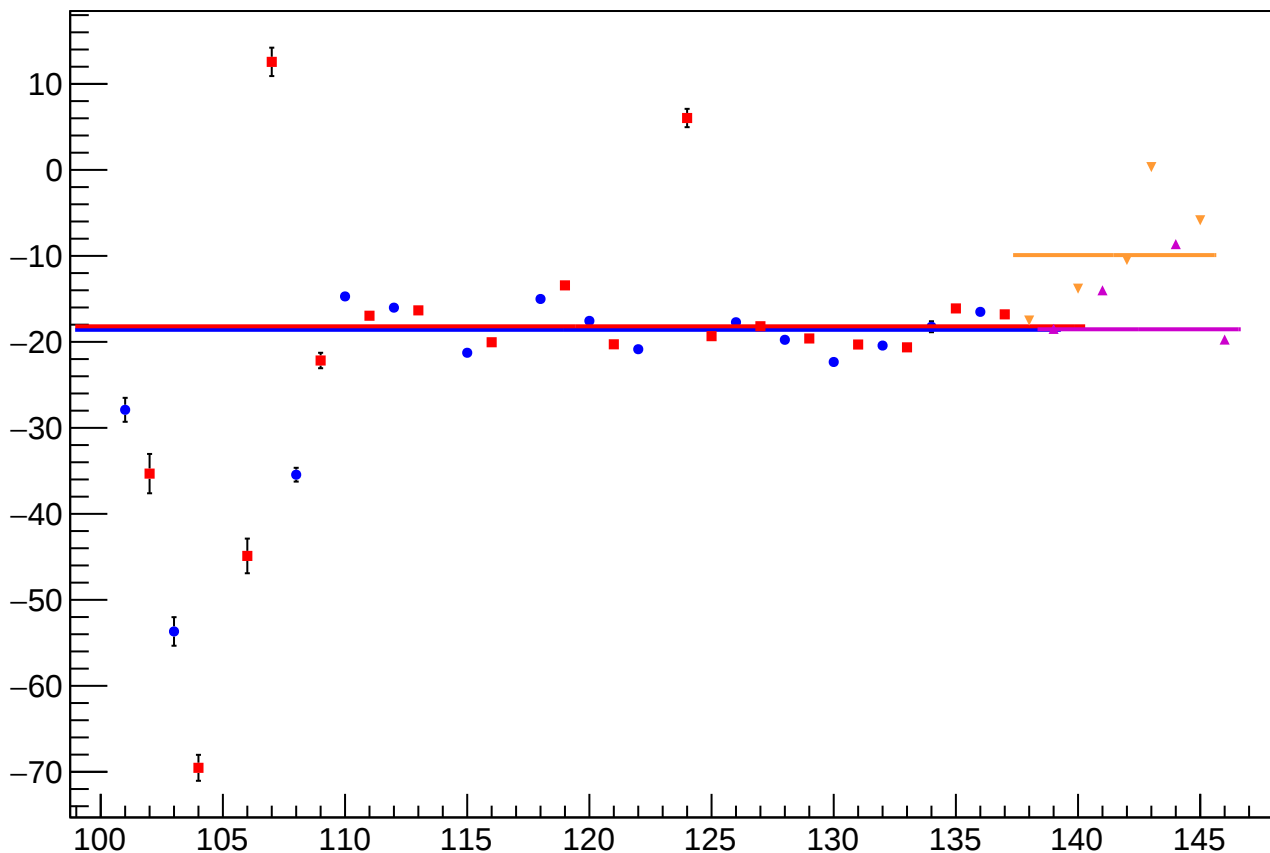
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 12.190+/-0.027 χ^2/NDF :3894.2/18

Out: 9.559+/-0.029 χ^2/NDF :27393.3/22

All: 10.958+/-0.020 χ^2/NDF : 35648.0/41

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -9.908 ± 0.050 $\chi^2/\text{NDF}: 16119.5/4$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -18.536 ± 0.038 $\chi^2/\text{NDF}: 5319.9/3$

Left: -15.400 ± 0.030 $\chi^2/\text{NDF}: 40051.4/8$

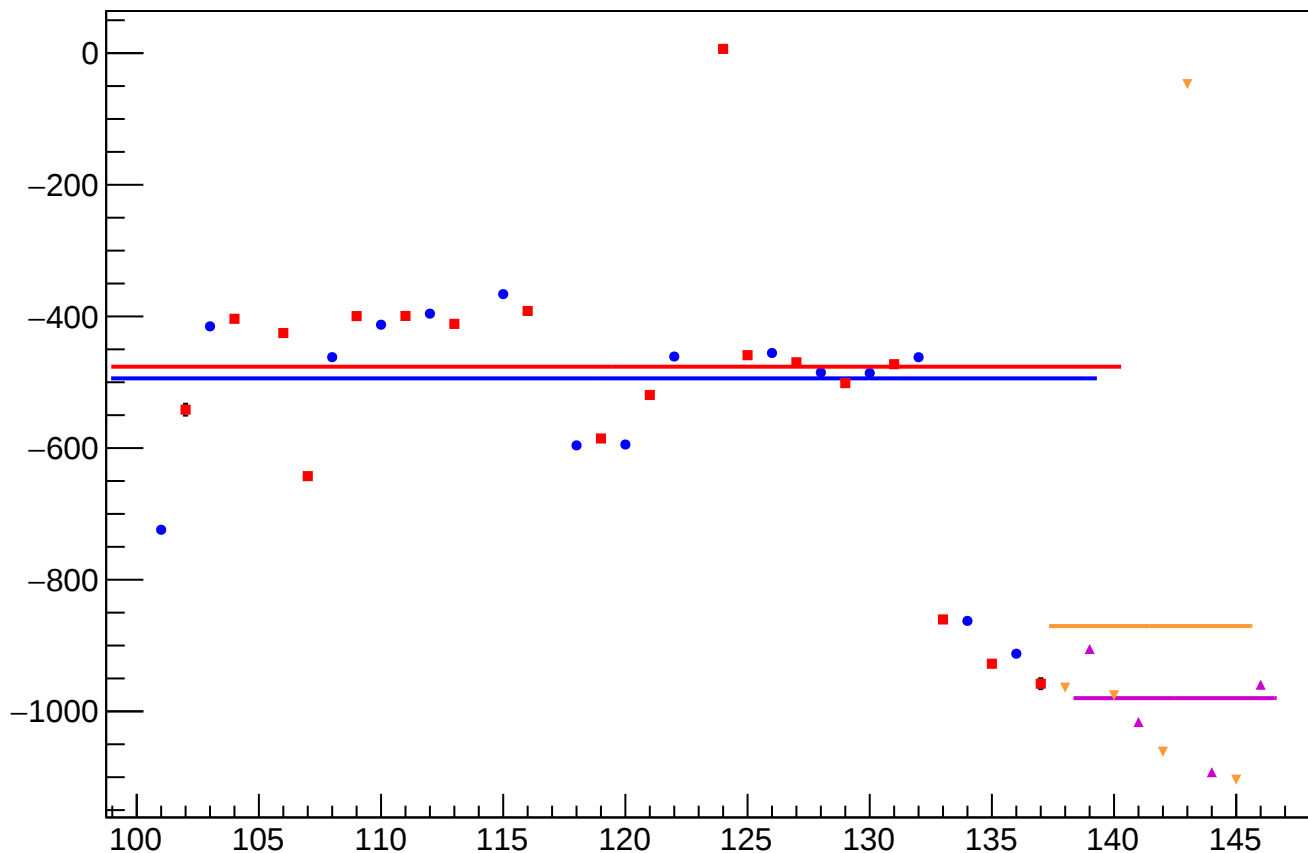
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.567 ± 0.027 $\chi^2/\text{NDF}: 11510.2/18$

Out: -14.132 ± 0.035 $\chi^2/\text{NDF}: 34740.2/22$

All: -16.961 ± 0.021 $\chi^2/\text{NDF}: 56307.5/41$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -870.383 ± 0.648 $\chi^2/\text{NDF}: 283658.5/4$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -979.915 ± 0.514 $\chi^2/\text{NDF}: 13949.4/3$

Left: -937.652 ± 0.403 $\chi^2/\text{NDF}: 315149.3/8$

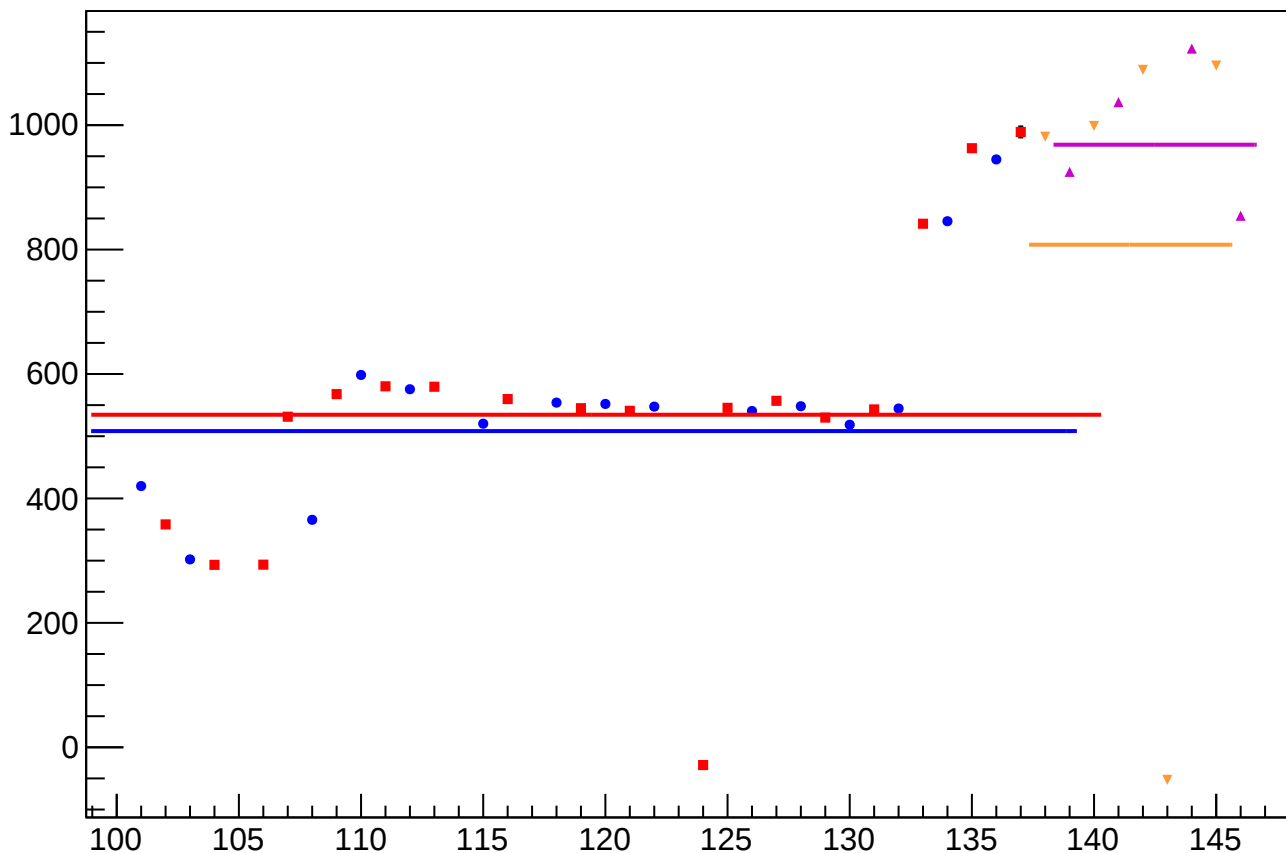
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -576.442 ± 0.212 $\chi^2/\text{NDF}: 1082731.7/18$

Out: -506.073 ± 0.178 $\chi^2/\text{NDF}: 1219528.6/22$

All: -535.249 ± 0.136 $\chi^2/\text{NDF}: 2367052.3/41$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 807.832 $\pm$ 0.673 χ^2 /NDF: 401017.8/4

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 968.531 $\pm$ 0.535 χ^2 /NDF: 29148.8/3

Left: 906.309 $\pm$ 0.419 χ^2 /NDF: 465069.6/8

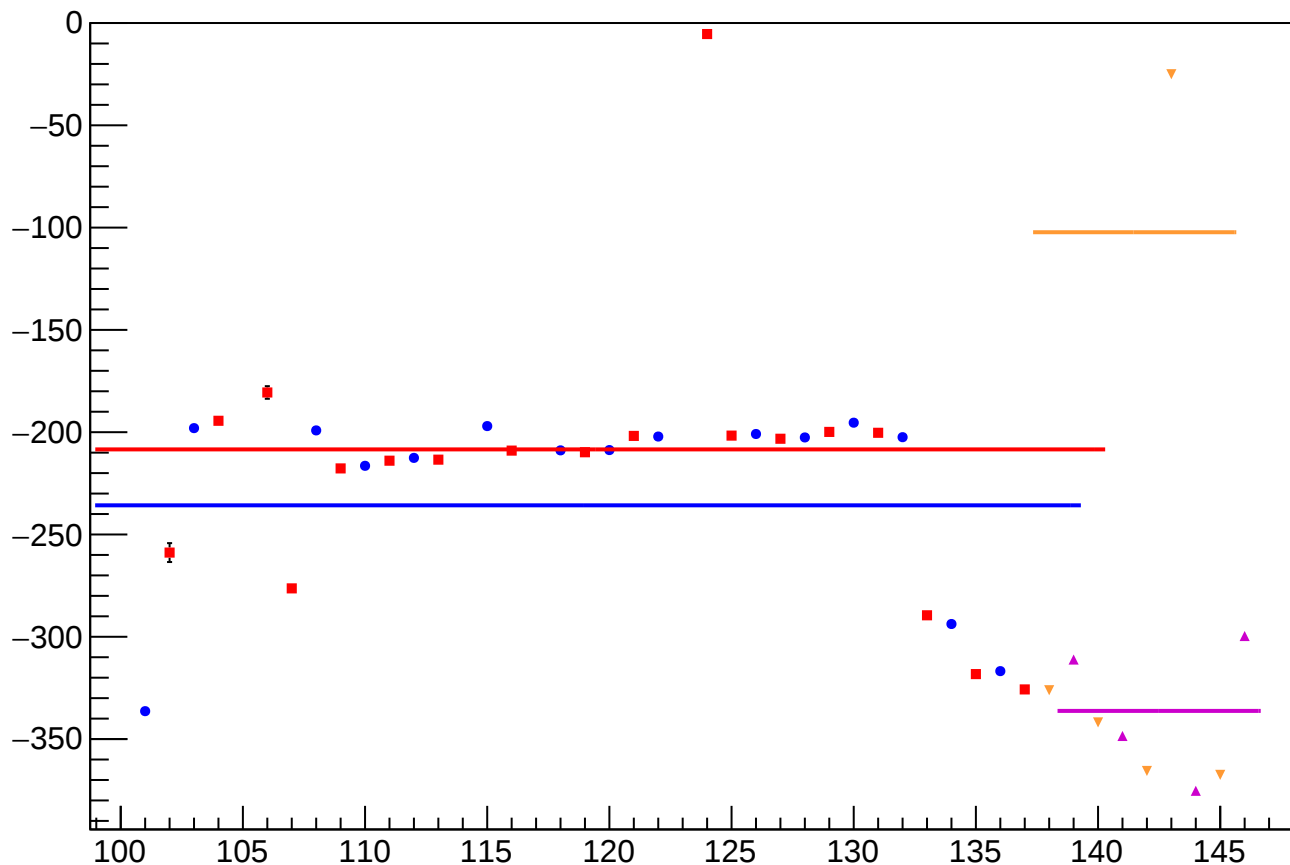
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 575.654 $\pm$ 0.205 χ^2 /NDF: 1099844.8/18

Out: 560.287 $\pm$ 0.207 χ^2 /NDF: 918490.8/22

All: 568.041 $\pm$ 0.145 χ^2 /NDF: 2021125.1/41

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -102.263 ± 0.091 $\chi^2/\text{NDF}: 2287305.9/4$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -336.233 ± 0.100 $\chi^2/\text{NDF}: 49426.7/3$

Left: -207.897 ± 0.067 $\chi^2/\text{NDF}: 5354113.9/8$

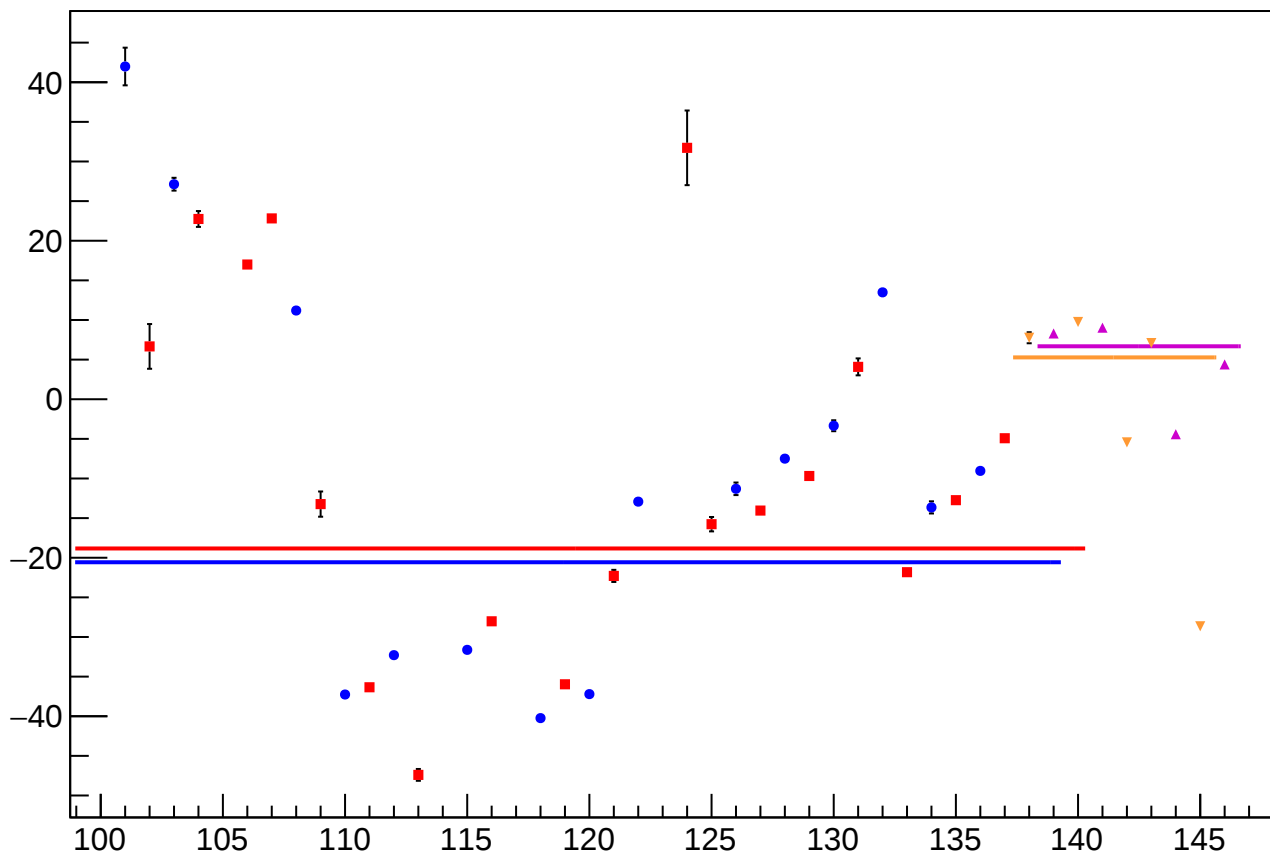
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -259.319 ± 0.048 $\chi^2/\text{NDF}: 1702296.2/18$

Out: -186.058 ± 0.042 $\chi^2/\text{NDF}: 3748249.8/22$

All: -217.190 ± 0.031 $\chi^2/\text{NDF}: 6772761.5/41$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 5.280 ± 0.104 χ^2/NDF : 6298.1/4

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 6.682 ± 0.074 χ^2/NDF : 2015.2/3

Left: 6.214 ± 0.060 χ^2/NDF : 8433.4/8

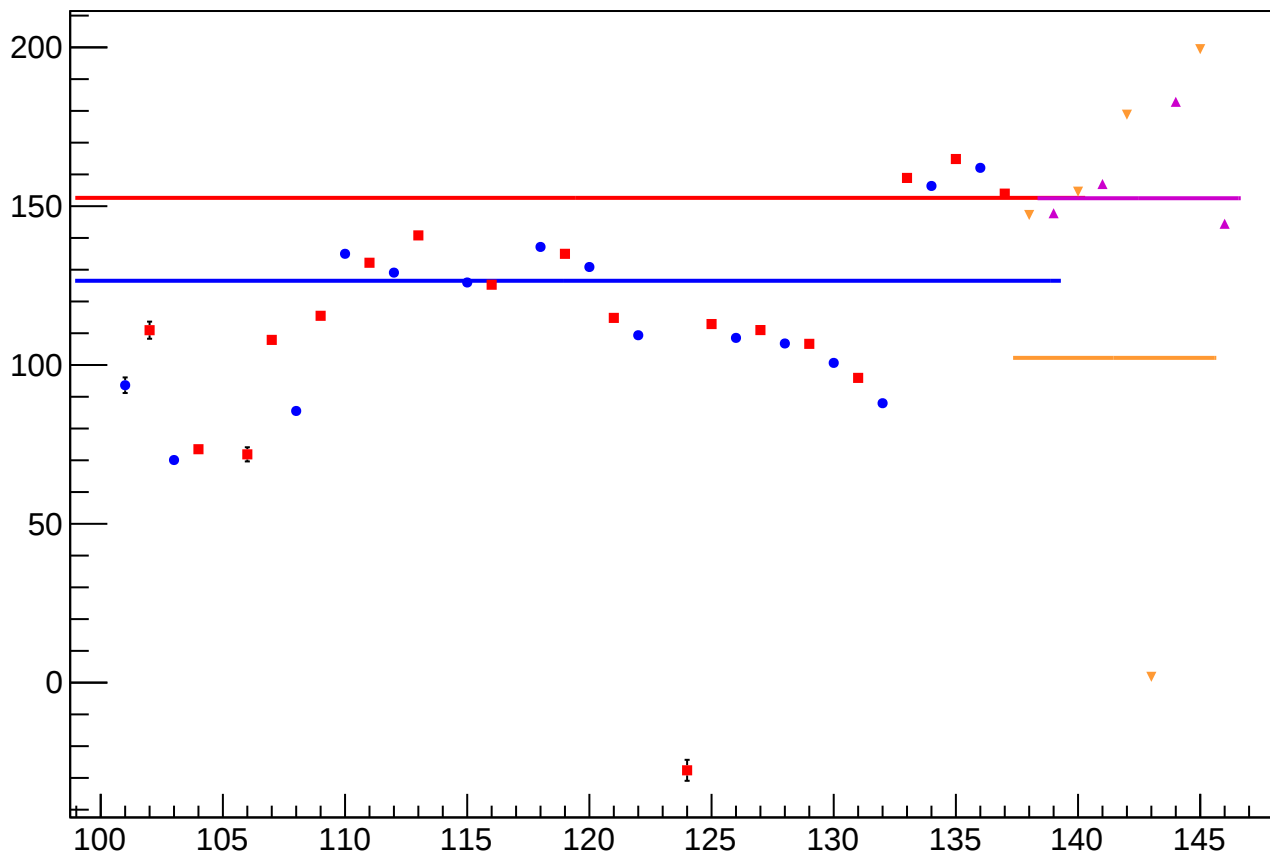
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -7.423 ± 0.051 χ^2/NDF : 135816.6/18

Out: -6.372 ± 0.075 χ^2/NDF : 52904.2/22

All: -7.088 ± 0.042 χ^2/NDF : 188854.4/41

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 102.247 $\pm$ 0.142 χ^2 /NDF:322621.8/4

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 152.502 $\pm$ 0.094 χ^2 /NDF:10242.3/3

Left: 137.129 $\pm$ 0.078 χ^2 /NDF: 420282.7/8

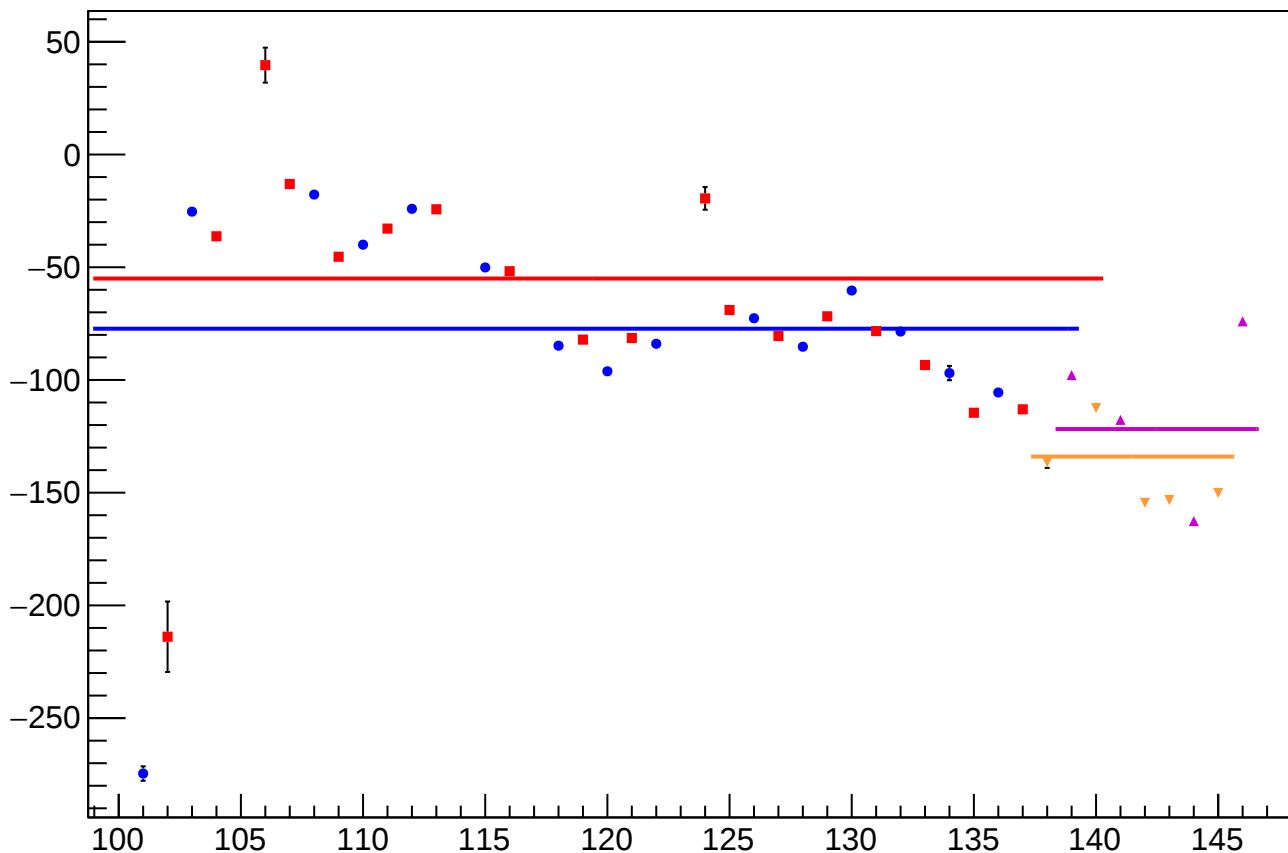
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 138.053 $\pm$ 0.063 χ^2 /NDF:167692.8/18

Out: 150.407 $\pm$ 0.030 χ^2 /NDF:517623.6/22

All: 148.142 $\pm$ 0.027 χ^2 /NDF: 717088.4/41

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -133.964 ± 0.278 χ^2/NDF : 5346.0/4

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -121.763 ± 0.237 χ^2/NDF : 12216.2/3

Left: -126.915 ± 0.180 χ^2/NDF : 18678.5/8

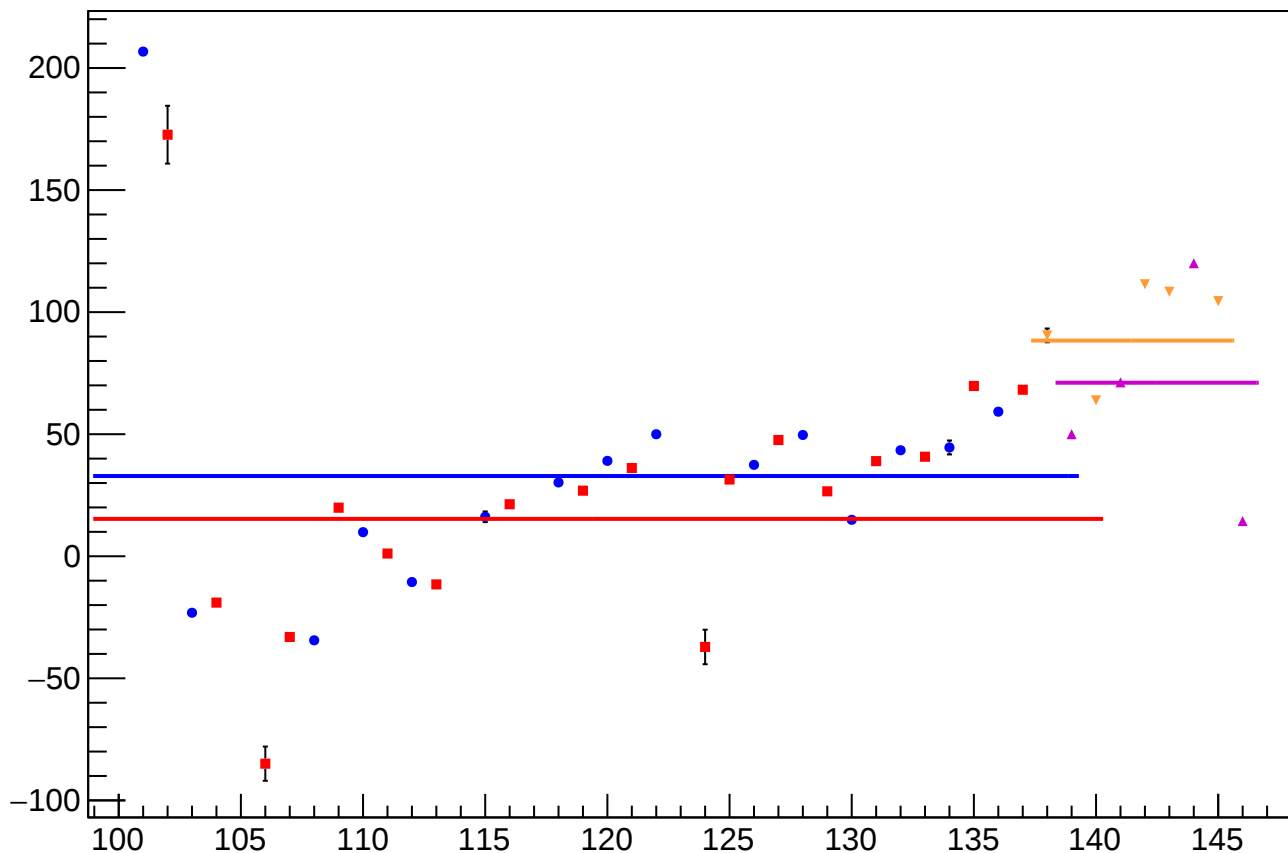
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -89.538 ± 0.125 χ^2/NDF : 68045.5/18

Out: -80.247 ± 0.157 χ^2/NDF : 84032.4/22

All: -85.944 ± 0.098 χ^2/NDF : 154227.2/41

dit_atr1_4eX_slope vs Slug, Sign Corrected



Left: 78.091 $\pm$ 0.175 χ^2/NDF : 25161.3/8

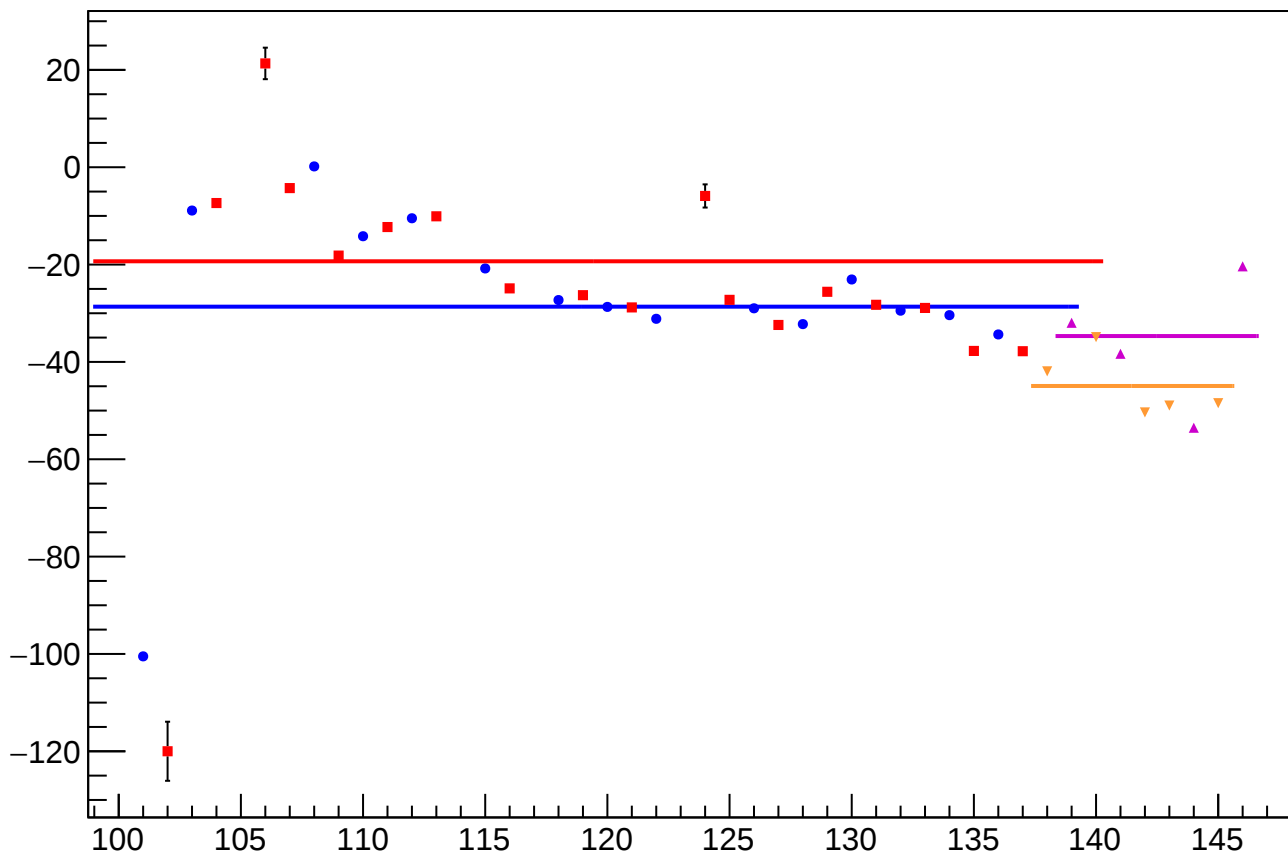
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 44.034 $\pm$ 0.123 χ^2/NDF : 67590.3/18

Out: 42.115 $\pm$ 0.167 χ^2/NDF : 67935.2/22

All: 43.359 $\pm$ 0.099 χ^2/NDF : 135611.4/41

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -44.944 ± 0.062 $\chi^2/\text{NDF}: 11068.7/4$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -34.684 ± 0.042 $\chi^2/\text{NDF}: 27744.3/3$

Left: -37.917 ± 0.035 $\chi^2/\text{NDF}: 57805.6/8$

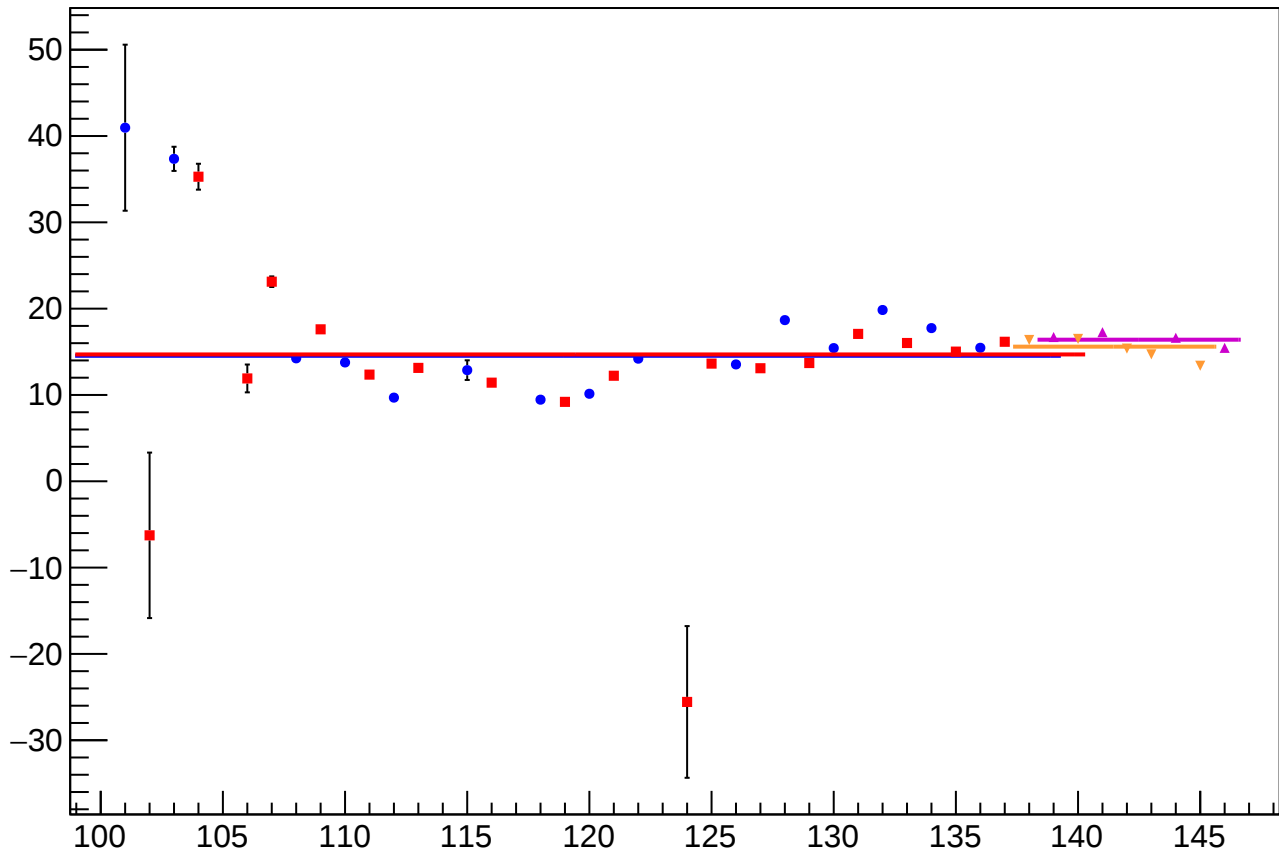
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -31.075 ± 0.026 $\chi^2/\text{NDF}: 153660.9/18$

Out: -26.749 ± 0.033 $\chi^2/\text{NDF}: 190458.0/22$

All: -29.389 ± 0.021 $\chi^2/\text{NDF}: 354503.3/41$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.597+/-0.035 χ^2 /NDF:930.3/4

Right Out: 14.695+/-0.044 χ^2 /NDF: 1633.0/17

Left In: 16.403+/-0.033 χ^2 /NDF:524.3/3

Left: 16.029+/-0.024 χ^2 /NDF: 1731.7/8

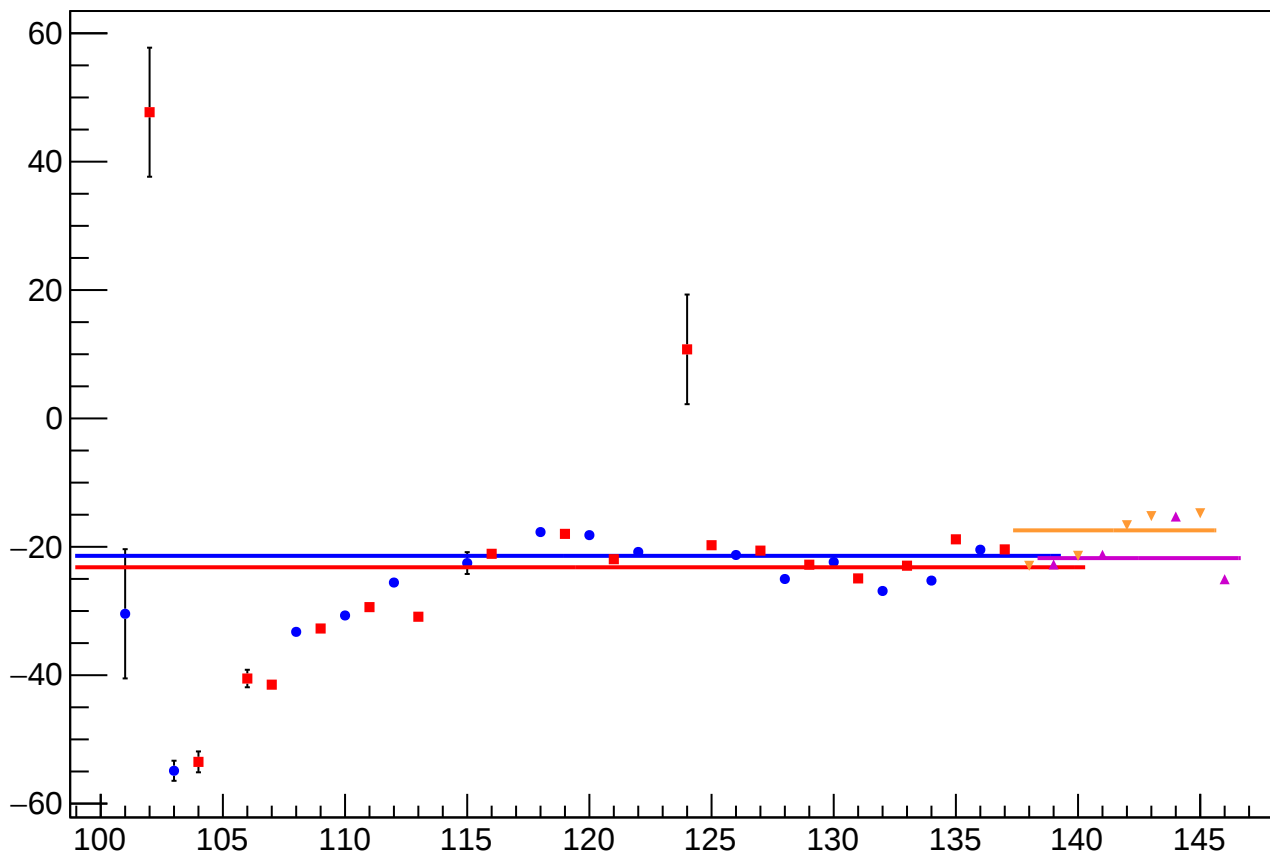
Right: 14.589+/-0.025 χ^2 /NDF: 13713.5/32

In: 15.377+/-0.022 χ^2 /NDF:14354.9/18

Out: 15.238+/-0.027 χ^2 /NDF:2822.1/22

All: 15.322+/-0.017 χ^2 /NDF: 17192.6/41

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 χ^2/NDF : 9686.6/14

Left Out: -17.436 ± 0.042 χ^2/NDF : 5039.0/4

Right Out: -23.186 ± 0.051 χ^2/NDF : 9126.8/17

Left In: -21.761 ± 0.054 χ^2/NDF : 3807.8/3

Left: -19.047 ± 0.033 χ^2/NDF : 12797.9/8

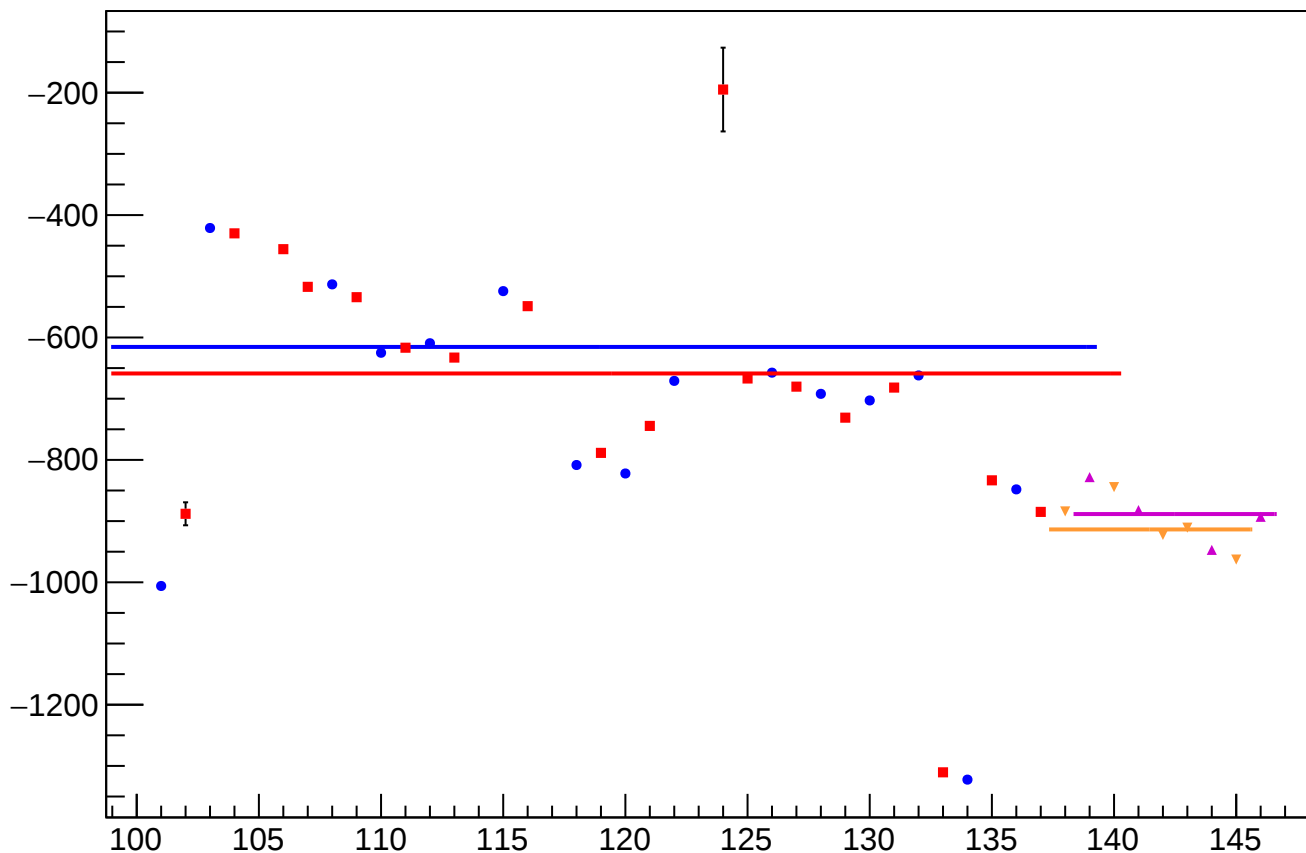
Right: -21.987 ± 0.029 χ^2/NDF : 19630.5/32

In: -21.512 ± 0.030 χ^2/NDF : 13524.1/18

Out: -19.754 ± 0.032 χ^2/NDF : 21722.0/22

All: -20.708 ± 0.022 χ^2/NDF : 36840.2/41

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -913.614+/-0.509 χ^2/NDF : 6247.4/4

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -888.476+/-0.402 χ^2/NDF : 7964.1/3

Left: -898.134+/-0.315 χ^2/NDF : 15713.7/8

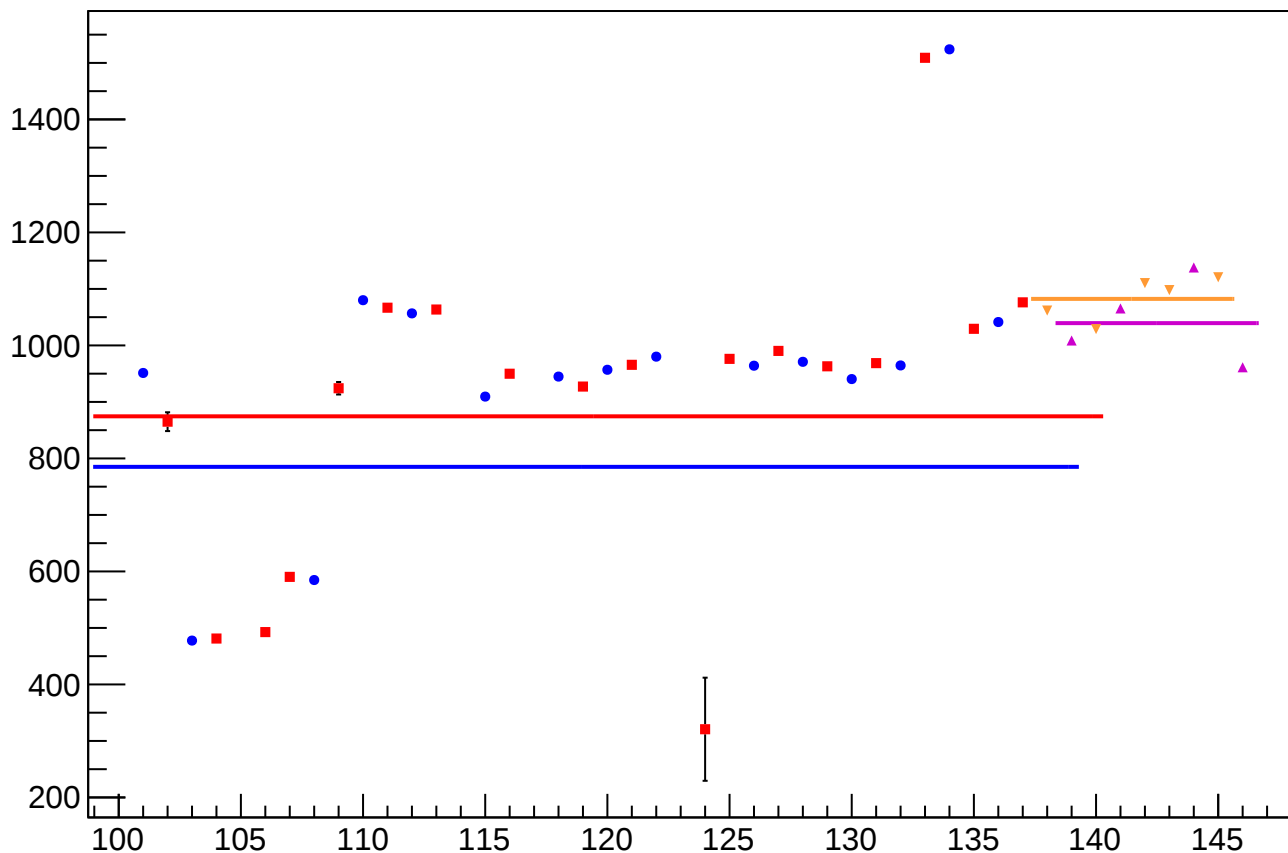
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -686.108+/-0.205 χ^2/NDF : 732686.6/18

Out: -710.334+/-0.229 χ^2/NDF : 591478.8/22

All: -696.864+/-0.153 χ^2/NDF : 1330393.2/41

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 1082.364 $\pm$ 0.582 χ^2 /NDF:3386.3/4

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 1039.454 $\pm$ 0.442 χ^2 /NDF:19138.3/3

Left: 1055.146 $\pm$ 0.352 χ^2 /NDF: 25976.1/8

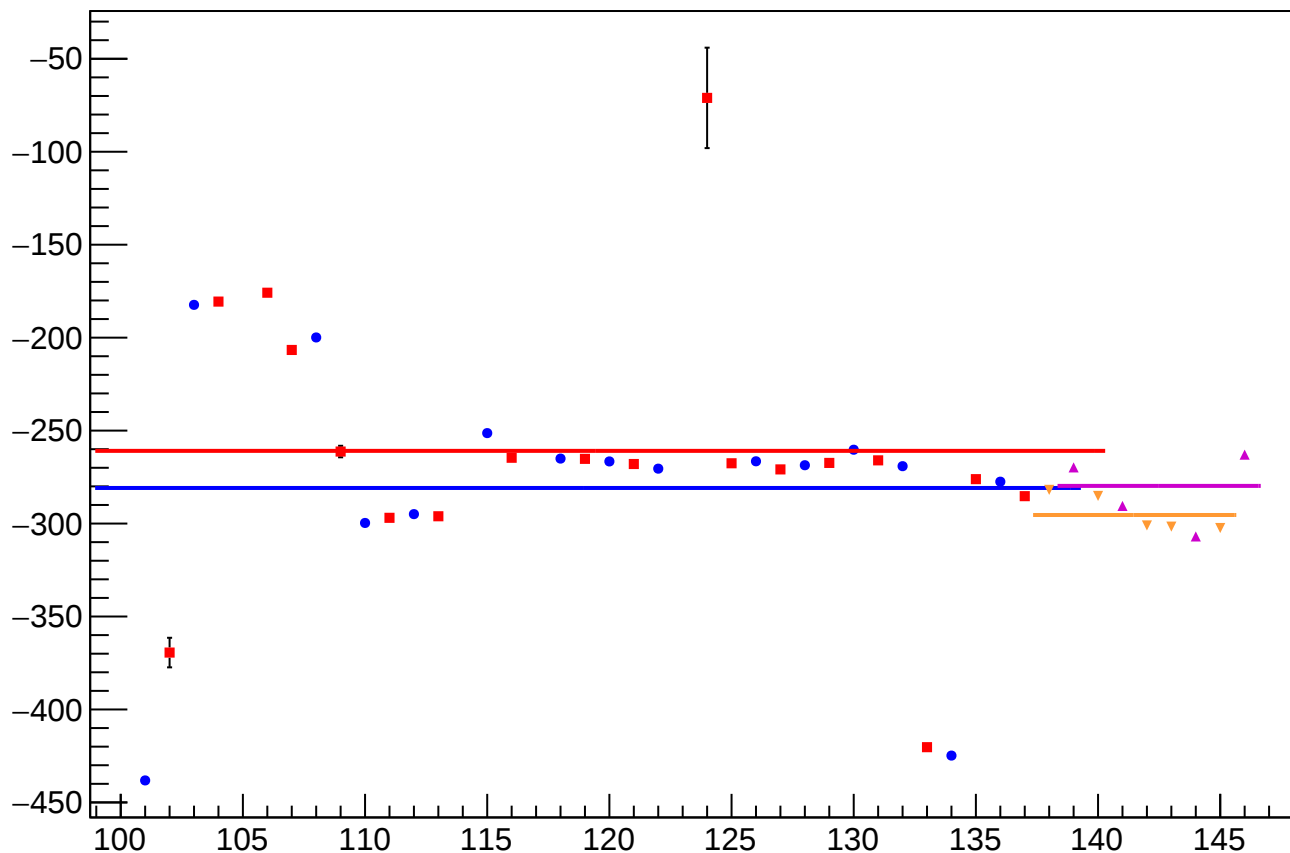
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 838.627 $\pm$ 0.203 χ^2 /NDF:1167126.9/18

Out: 909.404 $\pm$ 0.238 χ^2 /NDF:952190.2/22

All: 868.322 $\pm$ 0.154 χ^2 /NDF: 2170508.8/41

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -295.392+/-0.106 χ^2/NDF : 5696.6/4

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -279.738+/-0.063 χ^2/NDF : 42285.8/3

Left: -283.794+/-0.054 χ^2/NDF : 64018.3/8

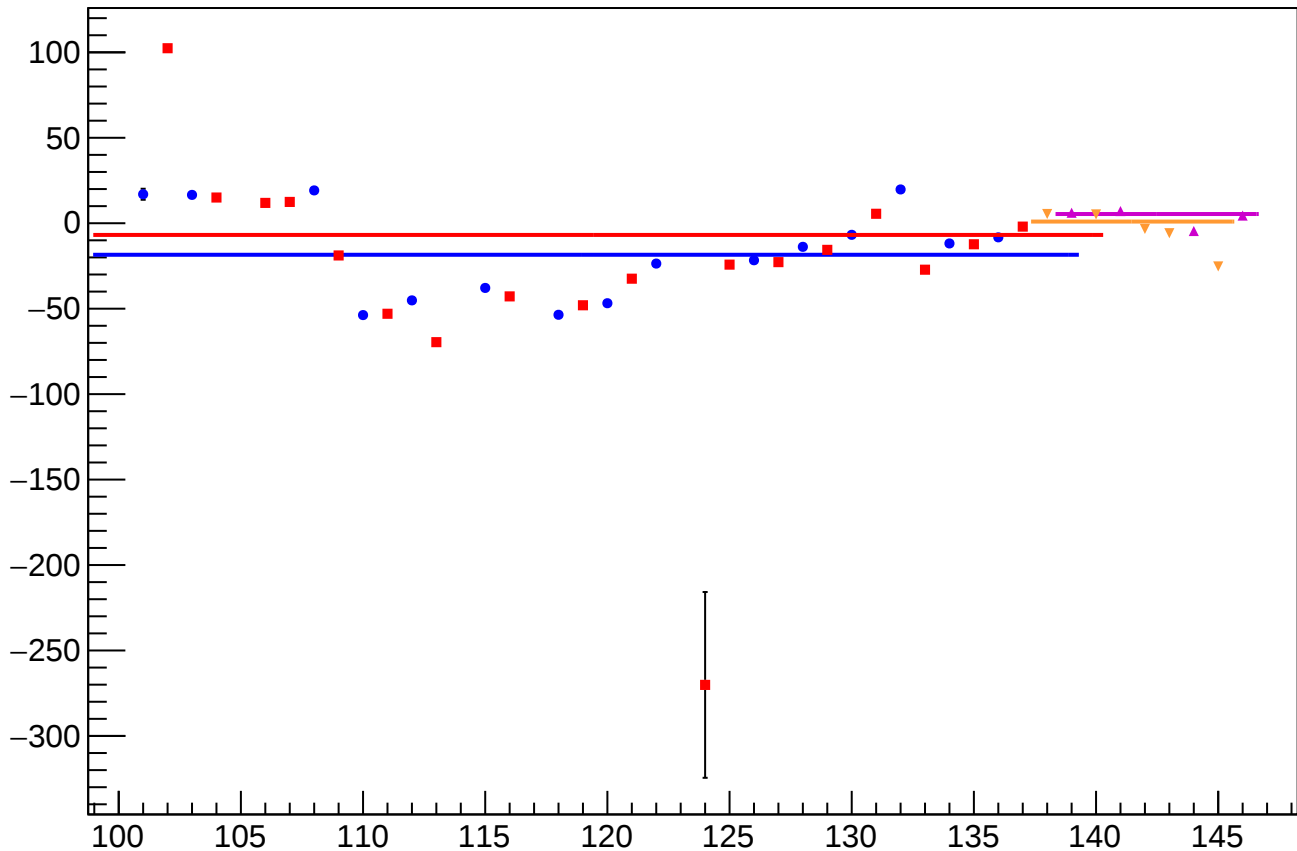
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -280.337+/-0.043 χ^2/NDF : 916066.1/18

Out: -270.808+/-0.057 χ^2/NDF : 428318.4/22

All: -276.898+/-0.034 χ^2/NDF : 1362227.8/41

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 0.979 ± 0.098 $\chi^2/\text{NDF}: 5414.3/4$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.394 ± 0.075 $\chi^2/\text{NDF}: 1653.9/3$

Left: 3.749 ± 0.060 $\chi^2/\text{NDF}: 8344.5/8$

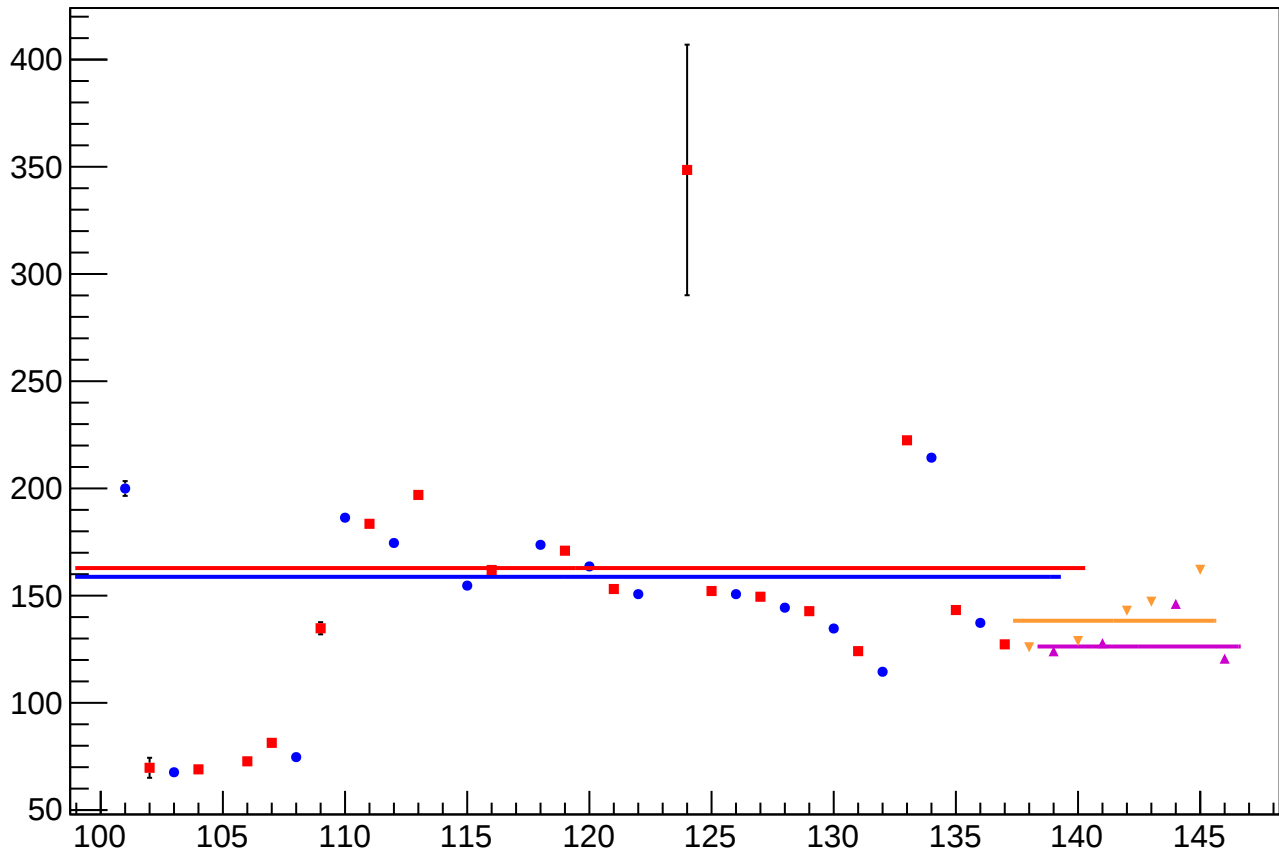
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -4.285 ± 0.058 $\chi^2/\text{NDF}: 88780.7/18$

Out: -4.472 ± 0.054 $\chi^2/\text{NDF}: 59884.9/22$

All: -4.386 ± 0.040 $\chi^2/\text{NDF}: 148671.1/41$

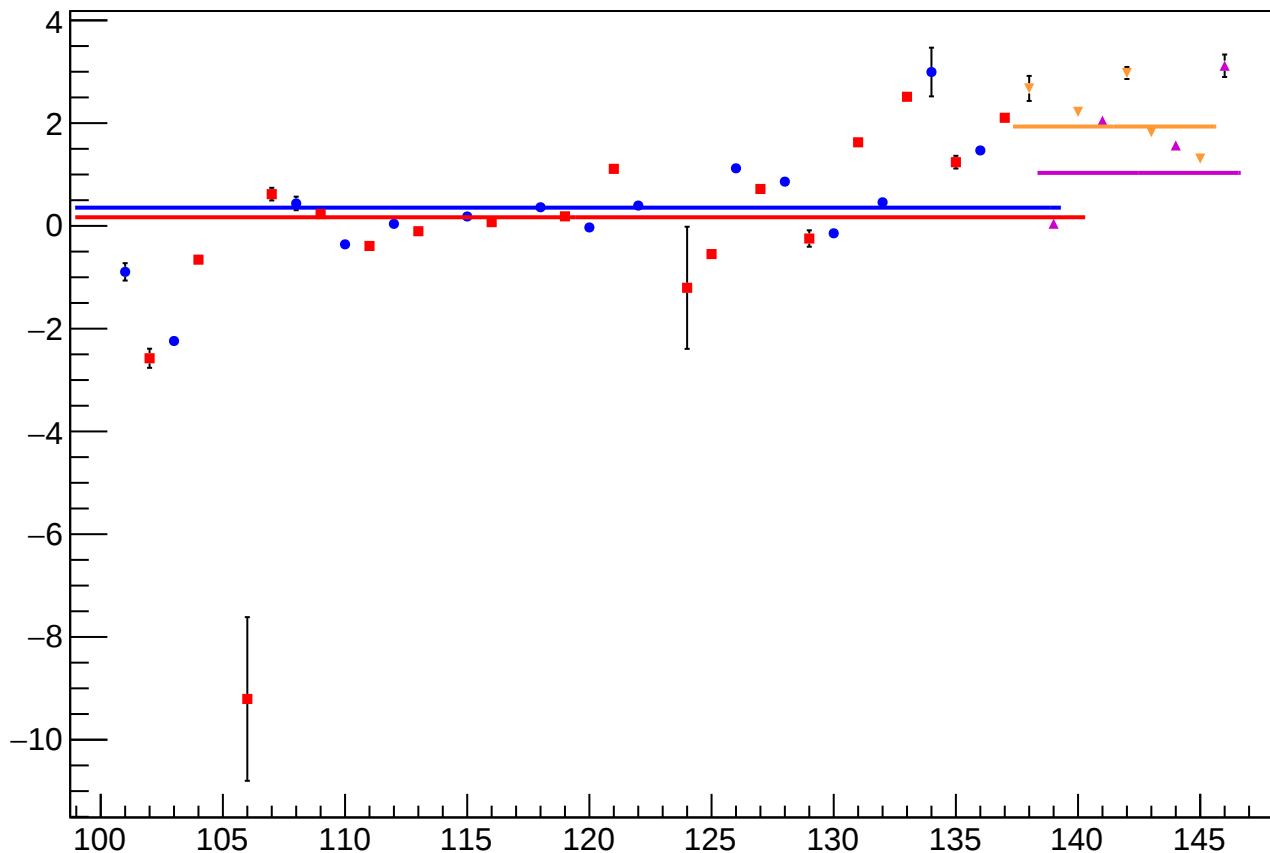
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 138.293 $\pm$ 0.116 χ^2/NDF : 8292.5/4
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 126.279 $\pm$ 0.081 χ^2/NDF : 6822.4/3

Left: 130.188 $\pm$ 0.066 χ^2/NDF : 22303.5/8
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 141.092 $\pm$ 0.060 χ^2/NDF : 239502.6/18
 Out: 153.251 $\pm$ 0.073 χ^2/NDF : 191590.5/22
 All: 145.975 $\pm$ 0.046 χ^2/NDF : 447792.8/41

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.934 ± 0.028 $\chi^2/\text{NDF}: 244.0/4$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.032 ± 0.019 $\chi^2/\text{NDF}: 2107.8/3$

Left: 1.320 ± 0.016 $\chi^2/\text{NDF}: 3049.4/8$

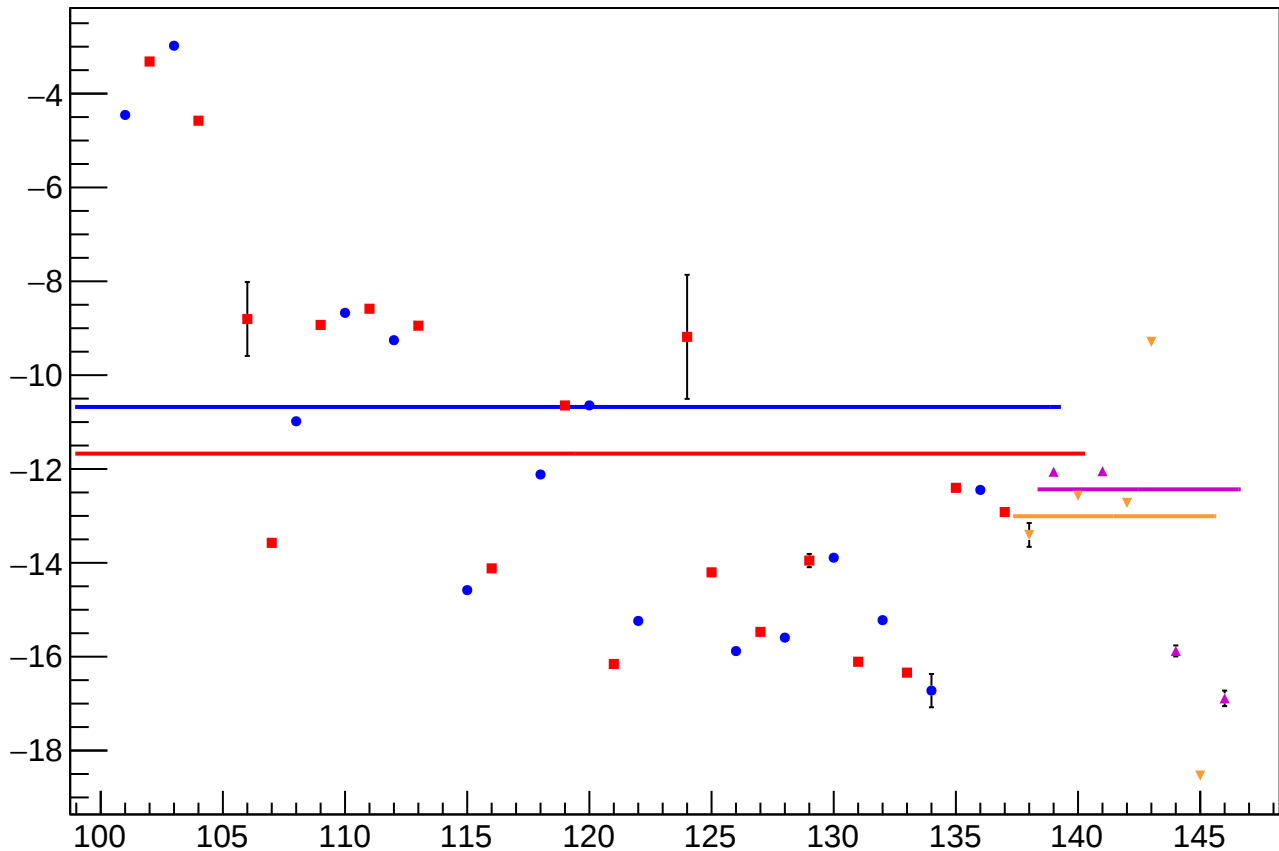
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.538 ± 0.010 $\chi^2/\text{NDF}: 7014.4/18$

Out: 0.289 ± 0.007 $\chi^2/\text{NDF}: 8492.9/22$

All: 0.376 ± 0.006 $\chi^2/\text{NDF}: 15906.3/41$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -13.006 ± 0.023 $\chi^2/\text{NDF}: 21326.6/4$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -12.434 ± 0.029 $\chi^2/\text{NDF}: 1761.9/3$

Left: -12.782 ± 0.018 $\chi^2/\text{NDF}: 23326.3/8$

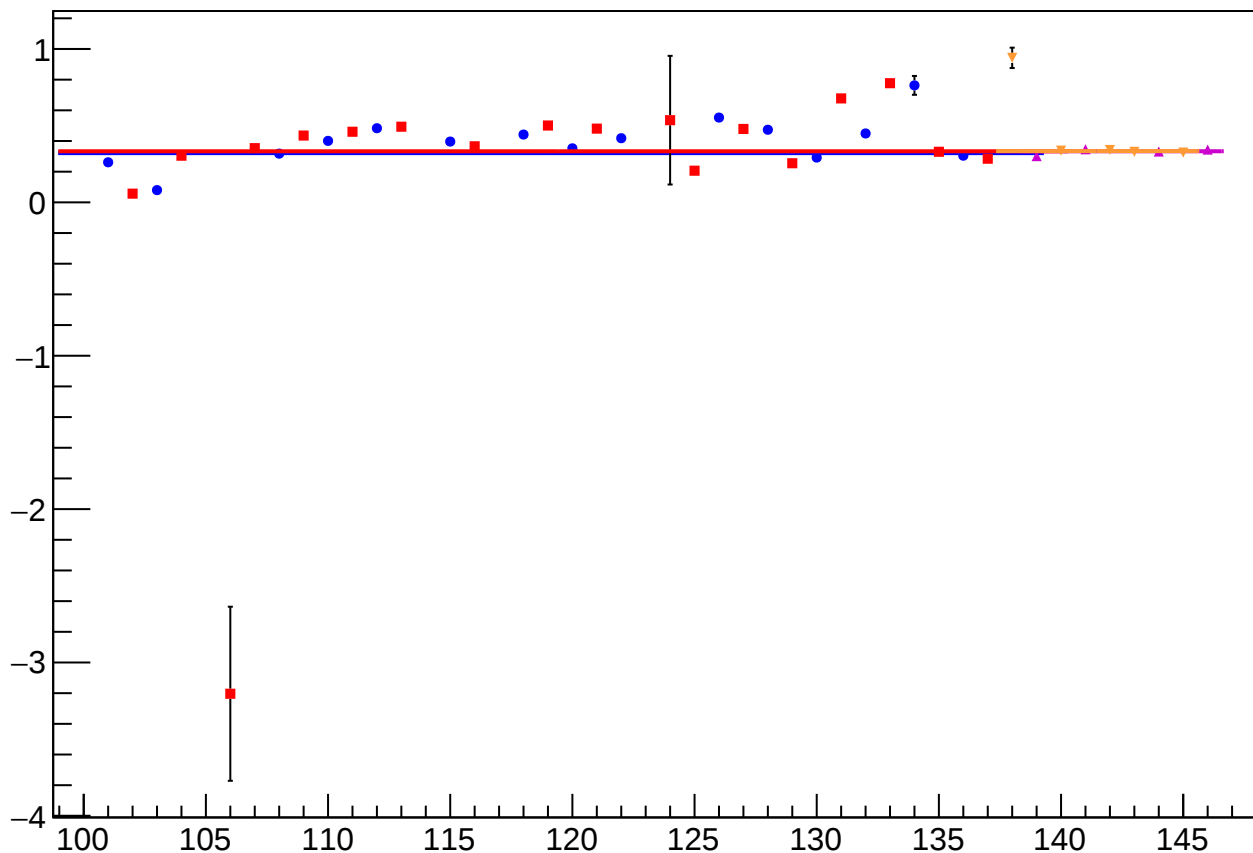
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.874 ± 0.010 $\chi^2/\text{NDF}: 231818.0/18$

Out: -11.940 ± 0.010 $\chi^2/\text{NDF}: 131807.2/22$

All: -11.369 ± 0.007 $\chi^2/\text{NDF}: 369241.7/41$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.334 $\pm$ 0.001 χ^2 /NDF:170.7/4

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.333 $\pm$ 0.001 χ^2 /NDF:270.4/3

Left: 0.334 $\pm$ 0.000 χ^2 /NDF: 442.0/8

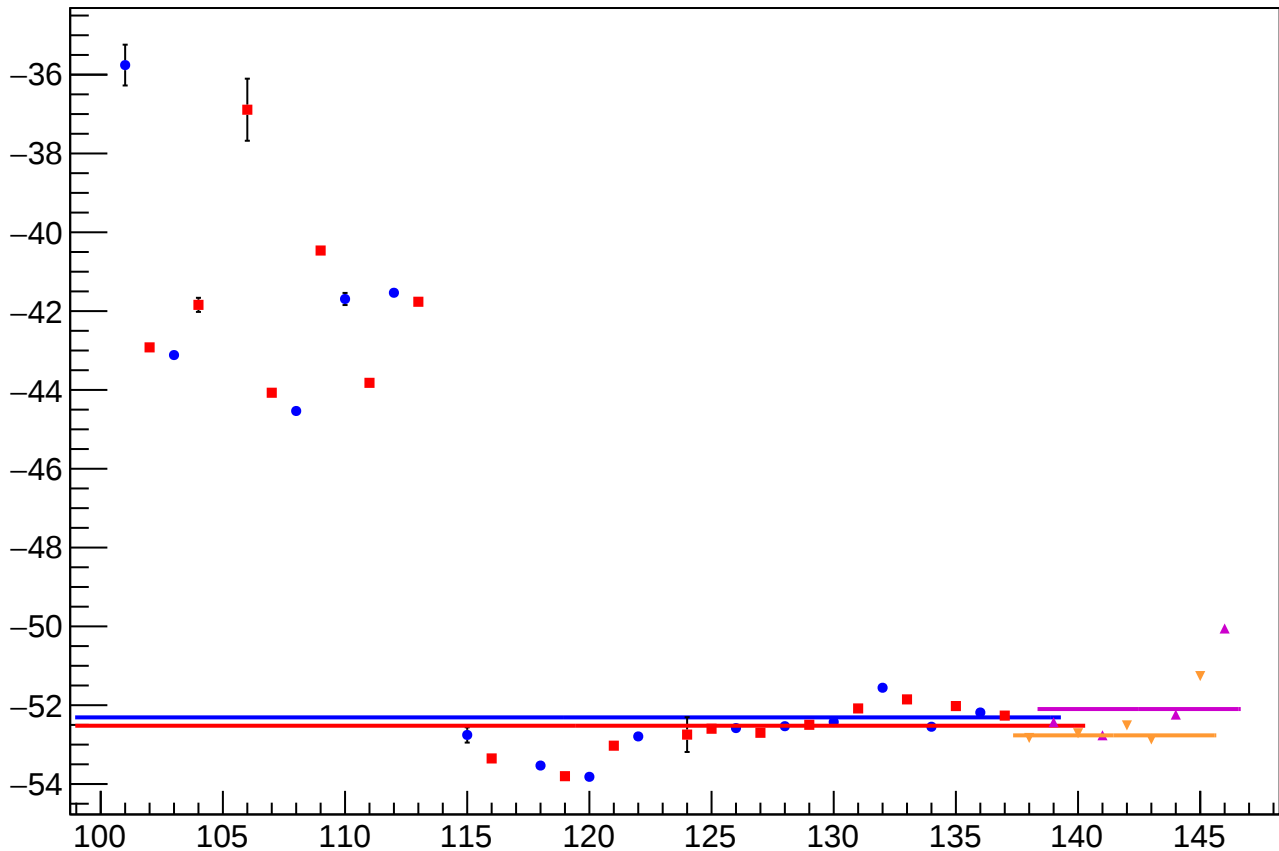
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:4392.5/18

Out: 0.334 $\pm$ 0.001 χ^2 /NDF:4341.3/22

All: 0.331 $\pm$ 0.000 χ^2 /NDF: 8778.4/41

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -52.765 $\pm$ 0.006 χ^2 /NDF:1953.0/4

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -52.097 $\pm$ 0.006 χ^2 /NDF:31476.3/3

Left: -52.443 $\pm$ 0.004 χ^2 /NDF: 40465.9/8

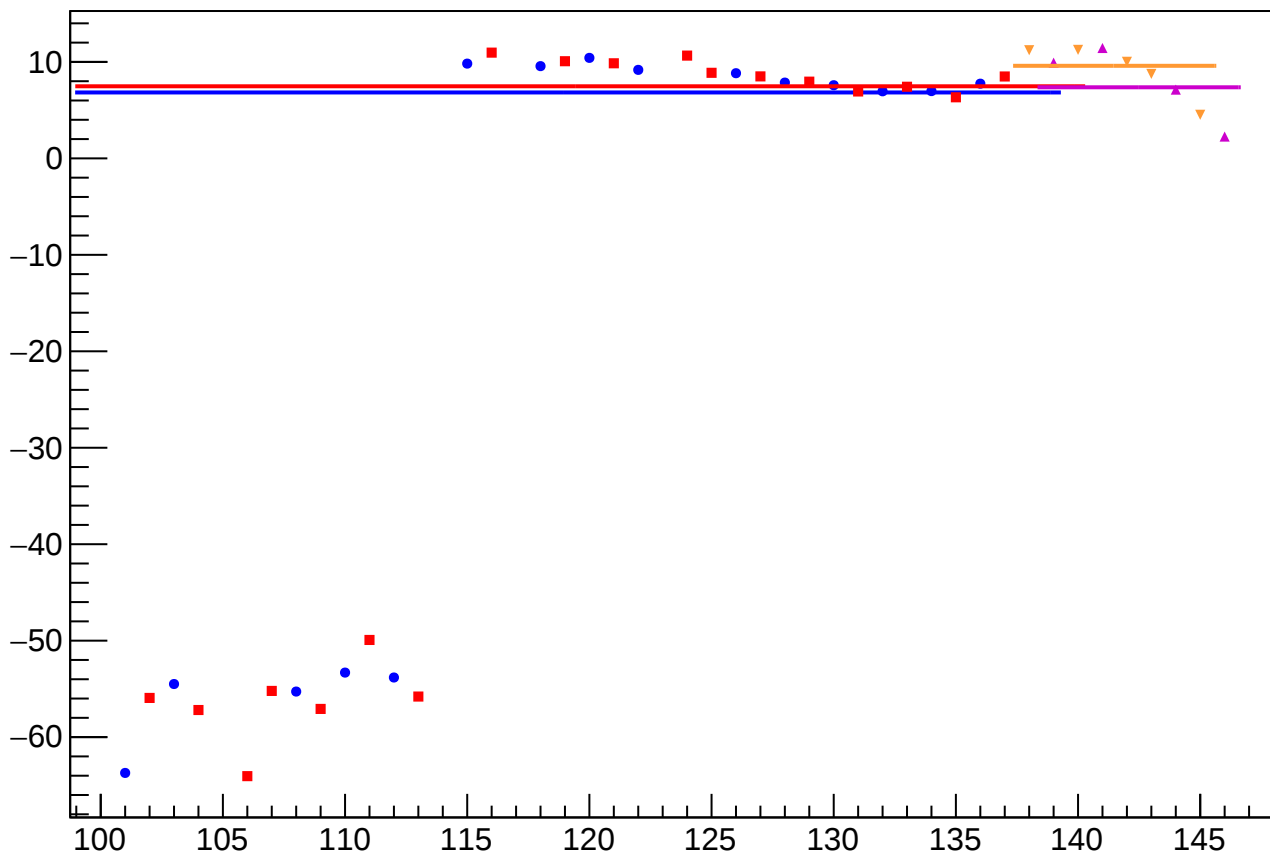
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.230 $\pm$ 0.003 χ^2 /NDF:85791.2/18

Out: -52.621 $\pm$ 0.004 χ^2 /NDF:79724.0/22

All: -52.423 $\pm$ 0.002 χ^2 /NDF: 171685.0/41

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2/NDF : 990576.4/14

Left Out: 9.597 $\pm$ 0.012 χ^2/NDF :28199.4/4

Right Out: 7.474 $\pm$ 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.369 $\pm$ 0.015 χ^2/NDF :72718.9/3

Left: 8.650 $\pm$ 0.009 χ^2/NDF : 114486.6/8

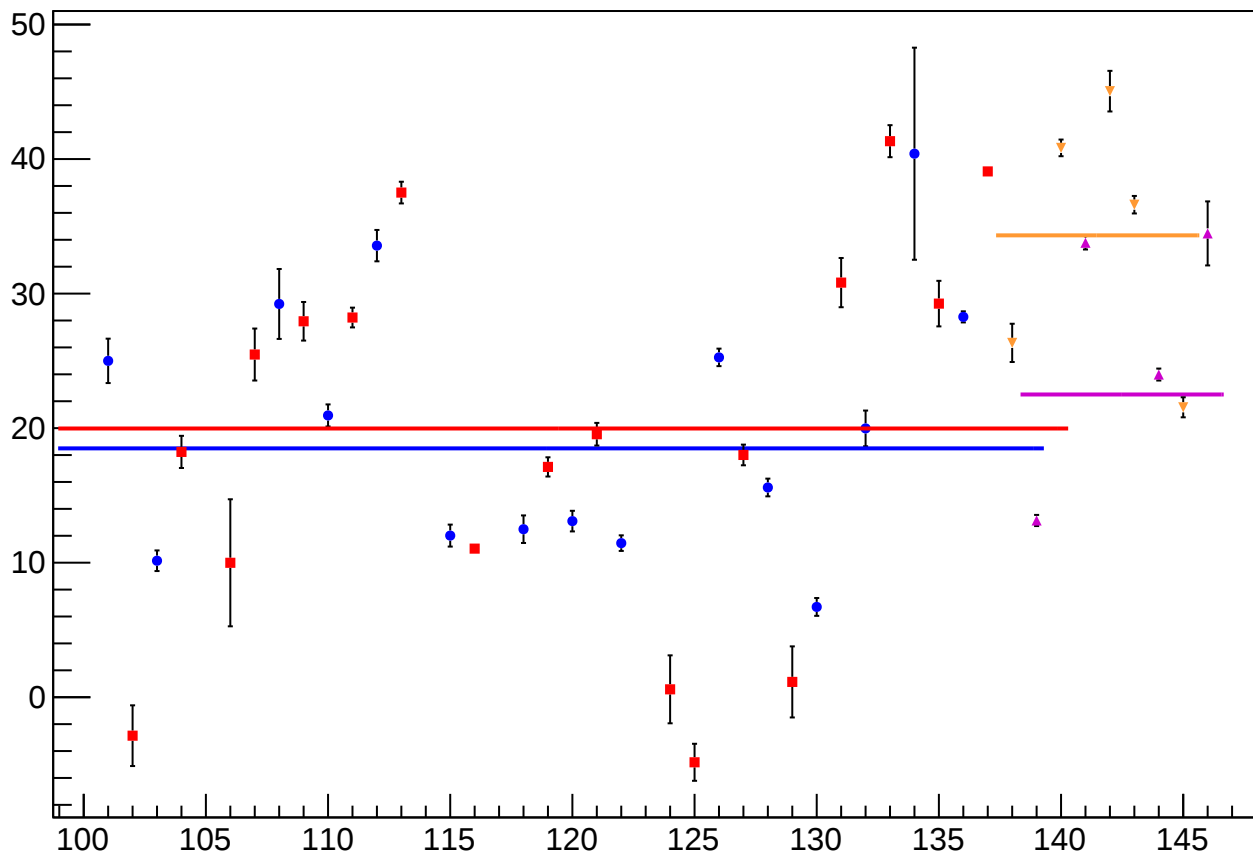
Right: 6.980 $\pm$ 0.004 χ^2/NDF : 2189734.1/32

In: 6.892 $\pm$ 0.005 χ^2/NDF :1064510.4/18

Out: 8.232 $\pm$ 0.007 χ^2/NDF :1242334.7/22

All: 7.282 $\pm$ 0.004 χ^2/NDF : 2329755.6/41

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 34.329 $\pm$ 0.360 χ^2 /NDF:499.8/4

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 22.502 $\pm$ 0.258 χ^2 /NDF:1054.4/3

Left: 26.508 $\pm$ 0.210 χ^2 /NDF: 2267.4/8

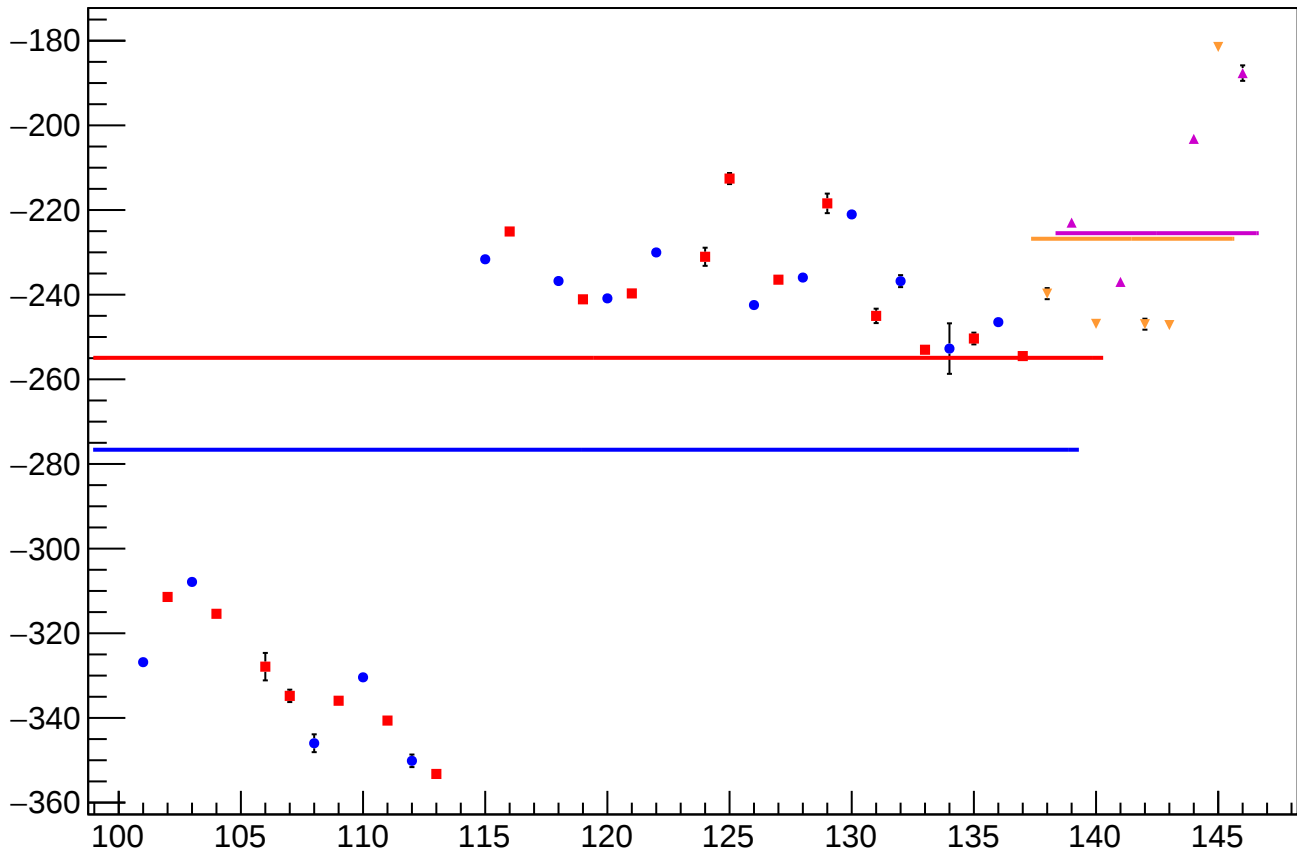
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 20.002 $\pm$ 0.158 χ^2 /NDF:2841.8/18

Out: 21.633 $\pm$ 0.122 χ^2 /NDF:11106.5/22

All: 21.021 $\pm$ 0.097 χ^2 /NDF: 14014.9/41

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -226.789 ± 0.297 $\chi^2/\text{NDF}: 10182.2/4$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -225.471 ± 0.253 $\chi^2/\text{NDF}: 2114.6/3$

Left: -226.027 ± 0.193 $\chi^2/\text{NDF}: 12308.2/8$

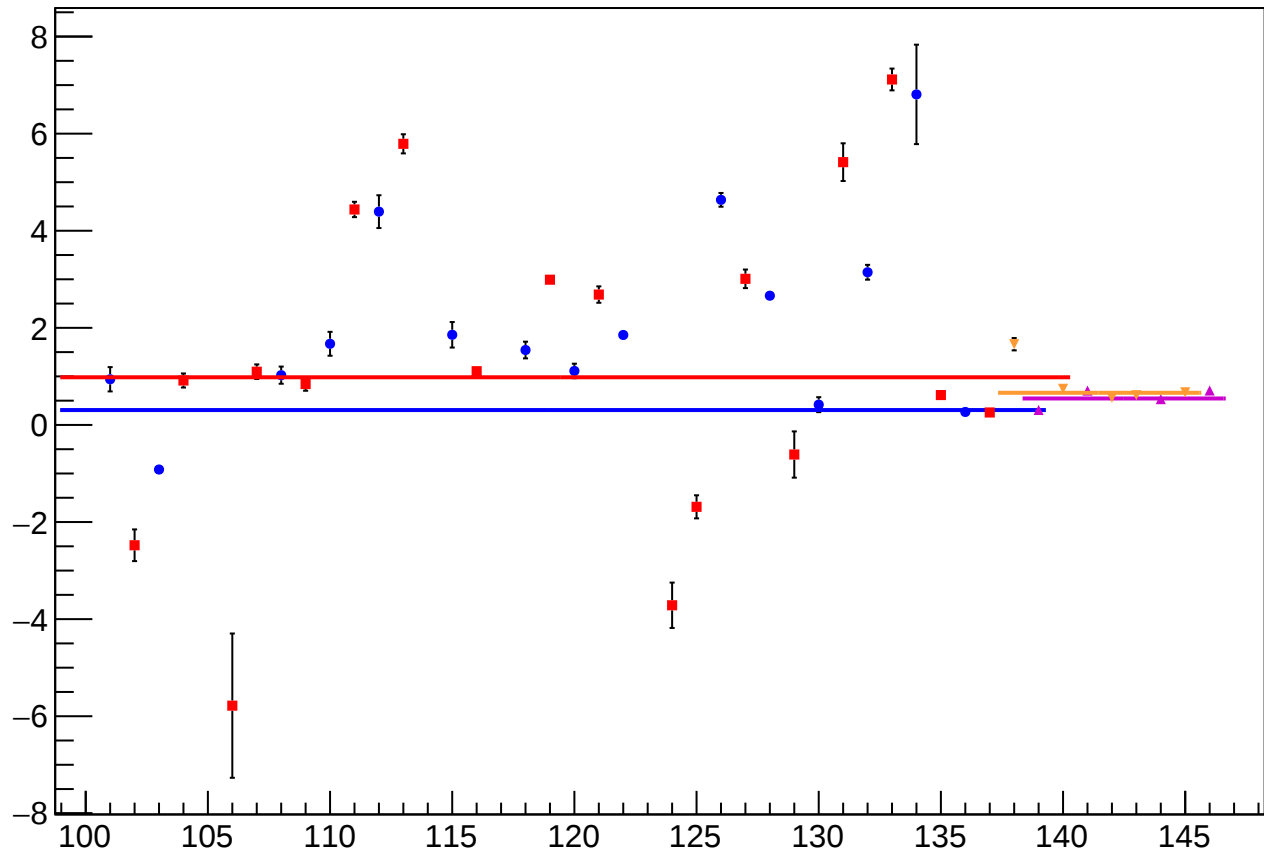
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -263.668 ± 0.127 $\chi^2/\text{NDF}: 109712.6/18$

Out: -253.387 ± 0.069 $\chi^2/\text{NDF}: 90632.5/22$

All: -255.730 ± 0.061 $\chi^2/\text{NDF}: 205366.7/41$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.662 ± 0.005 $\chi^2/\text{NDF}: 223.4/4$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.545 ± 0.004 $\chi^2/\text{NDF}: 1604.6/3$

Left: 0.589 ± 0.003 $\chi^2/\text{NDF}: 2131.5/8$

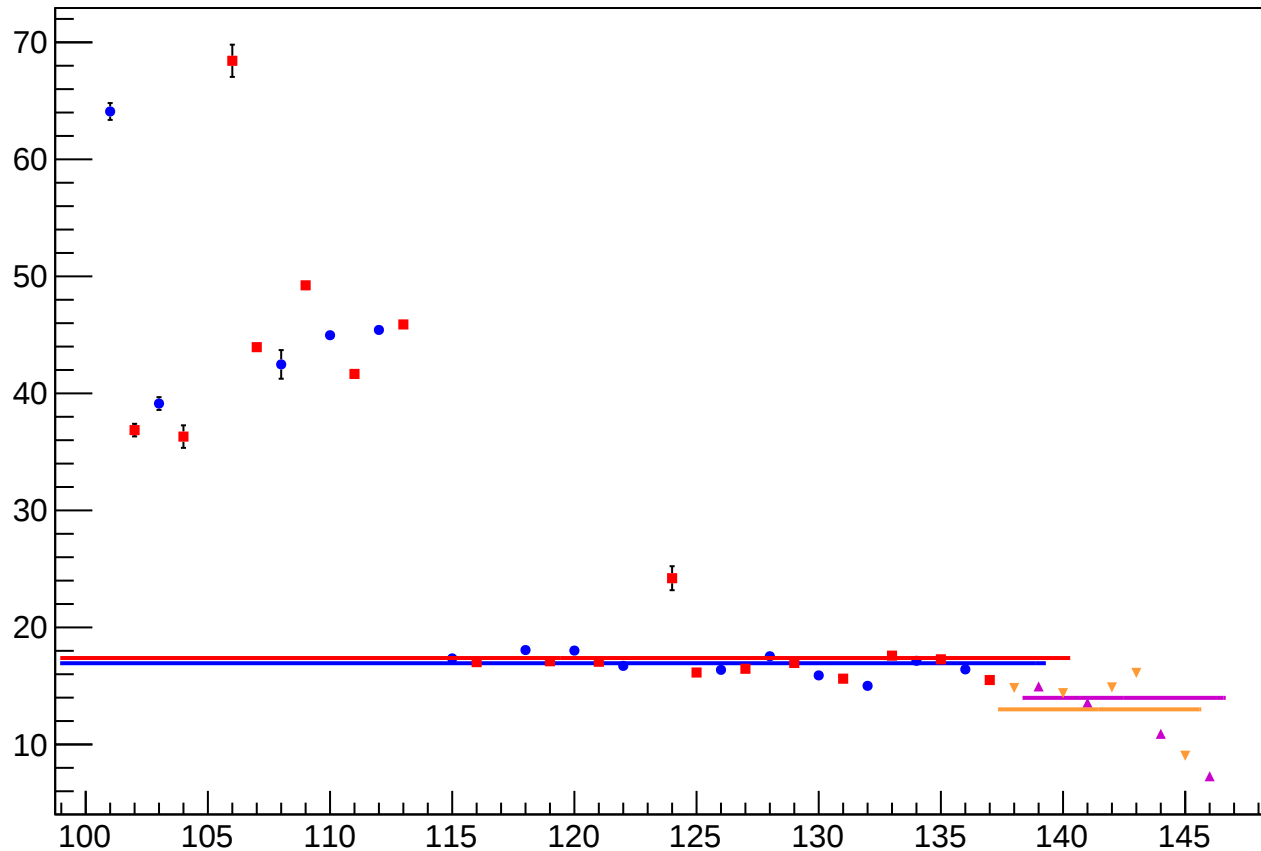
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.479 ± 0.004 $\chi^2/\text{NDF}: 5322.5/18$

Out: 0.699 ± 0.005 $\chi^2/\text{NDF}: 4017.5/22$

All: 0.552 ± 0.003 $\chi^2/\text{NDF}: 10649.2/41$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 +/- 0.013 χ^2/NDF : 29019.8/14

Left Out: 12.999 +/- 0.016 χ^2/NDF : 37662.8/4

Right Out: 17.385 +/- 0.018 χ^2/NDF : 61131.5/17

Left In: 13.982 +/- 0.025 χ^2/NDF : 4708.8/3

Left: 13.280 +/- 0.013 χ^2/NDF : 43492.7/8

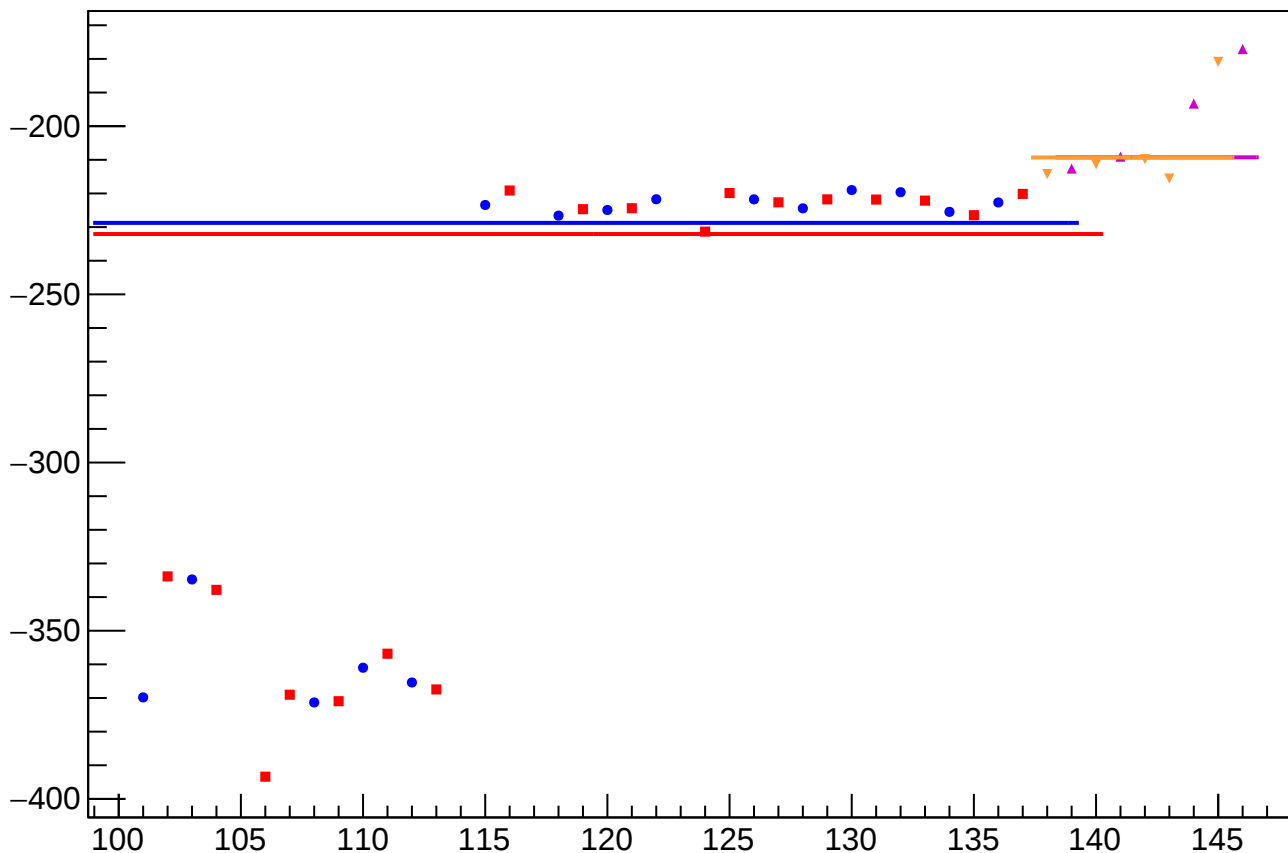
Right: 17.096 +/- 0.010 χ^2/NDF : 90566.4/32

In: 16.314 +/- 0.011 χ^2/NDF : 44929.7/18

Out: 14.944 +/- 0.012 χ^2/NDF : 133400.7/22

All: 15.646 +/- 0.008 χ^2/NDF : 185340.5/41

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -209.292 ± 0.038 $\chi^2/\text{NDF}: 64884.5/4$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -209.262 ± 0.044 $\chi^2/\text{NDF}: 8959.2/3$

Left: -209.280 ± 0.029 $\chi^2/\text{NDF}: 73843.9/8$

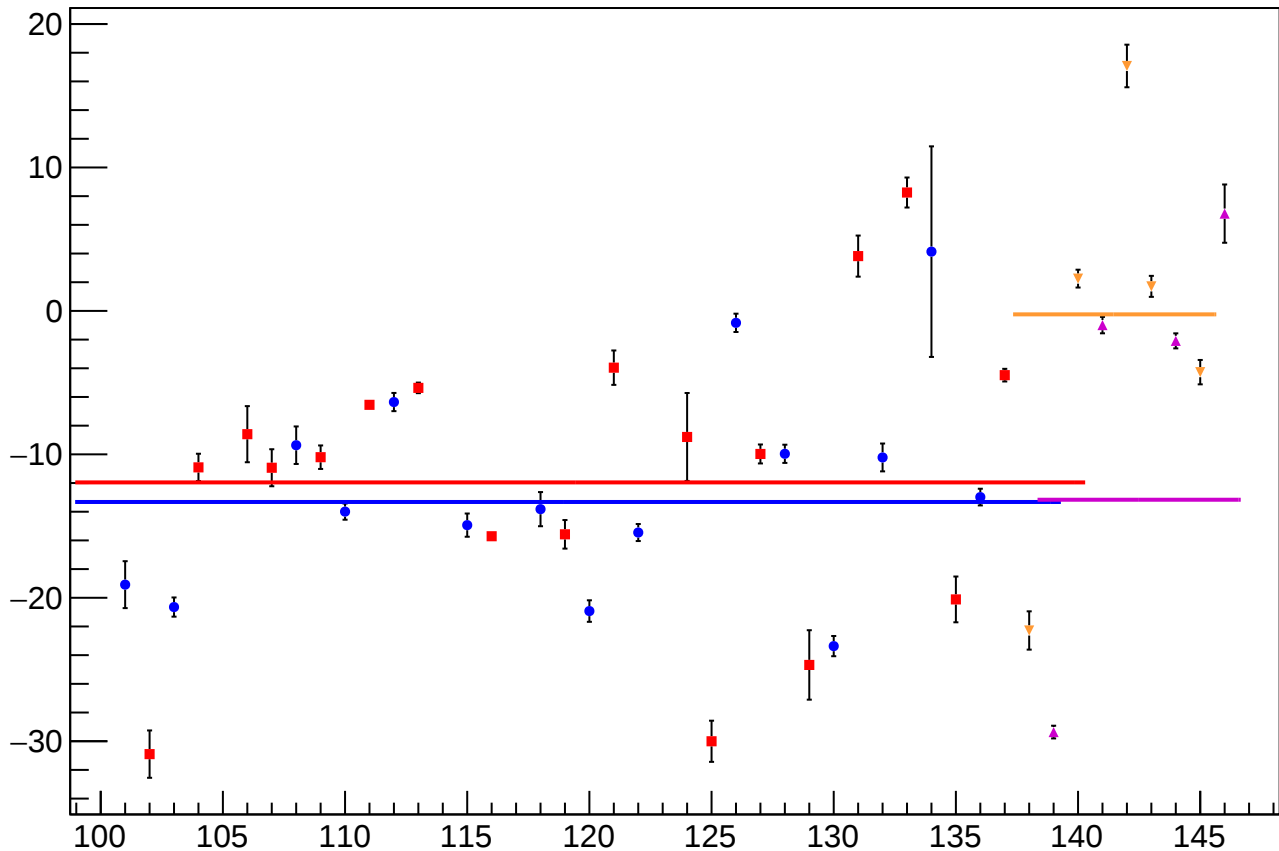
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -221.290 ± 0.027 $\chi^2/\text{NDF}: 787346.2/18$

Out: -219.597 ± 0.028 $\chi^2/\text{NDF}: 1022713.6/22$

All: -220.460 ± 0.019 $\chi^2/\text{NDF}: 1811952.8/41$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321±/0.194 χ^2/NDF : 1013.0/14

Left Out: -0.241±/0.382 χ^2/NDF : 454.1/4

Right Out: -11.956±/0.113 χ^2/NDF : 2487.2/17

Left In: -13.165±/0.288 χ^2/NDF : 2328.7/3

Left: -8.472±/0.230 χ^2/NDF : 3511.5/8

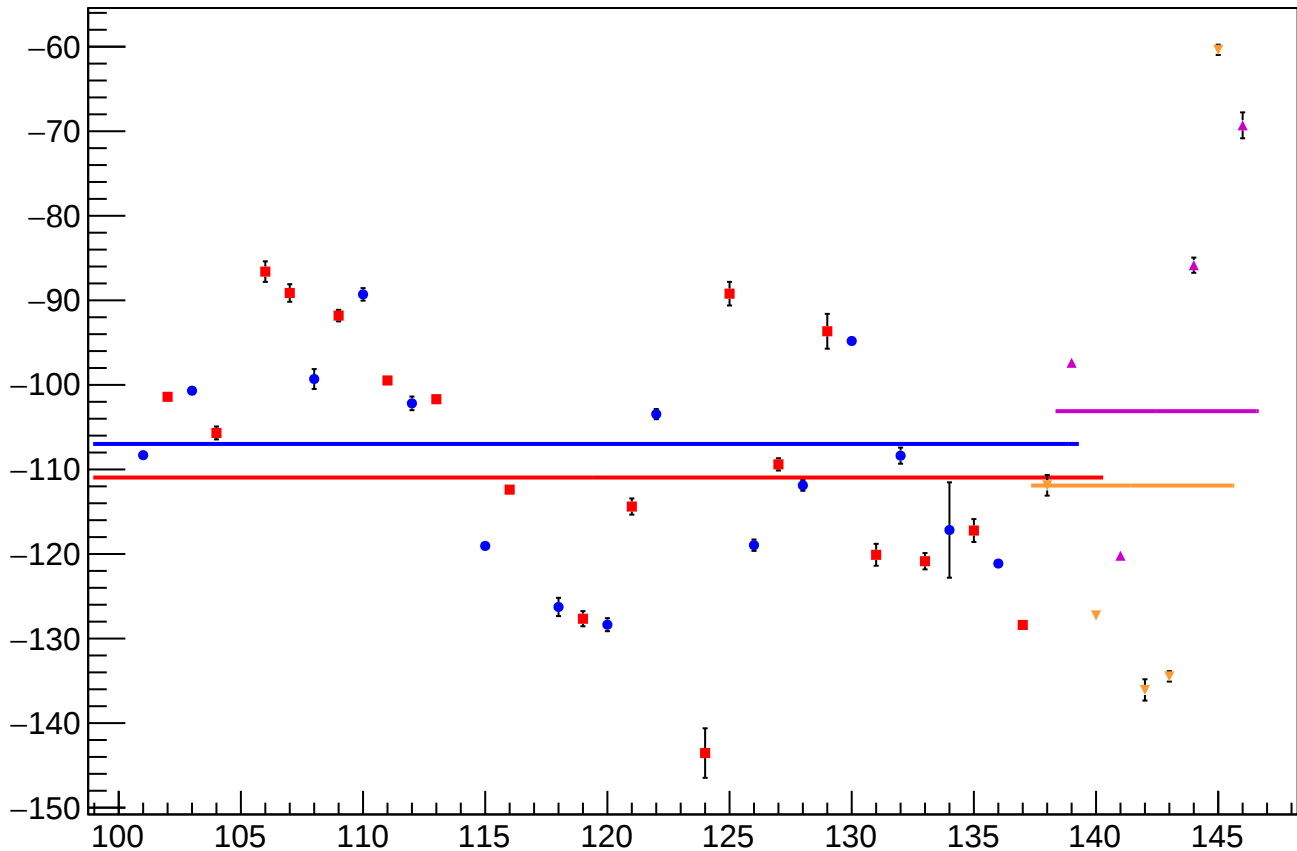
Right: -12.301±/0.097 χ^2/NDF : 3537.3/32

In: -13.272±/0.161 χ^2/NDF : 3341.9/18

Out: -11.020±/0.108 χ^2/NDF : 3806.4/22

All: -11.720±/0.090 χ^2/NDF : 7283.4/41

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983+/-0.110 χ^2/NDF : 4658.3/14

Left Out: -111.901+/-0.304 χ^2/NDF : 9865.0/4

Right Out: -110.955+/-0.050 χ^2/NDF : 10675.0/17

Left In: -103.105+/-0.264 χ^2/NDF : 2499.4/3

Left: -106.896+/-0.199 χ^2/NDF : 12841.5/8

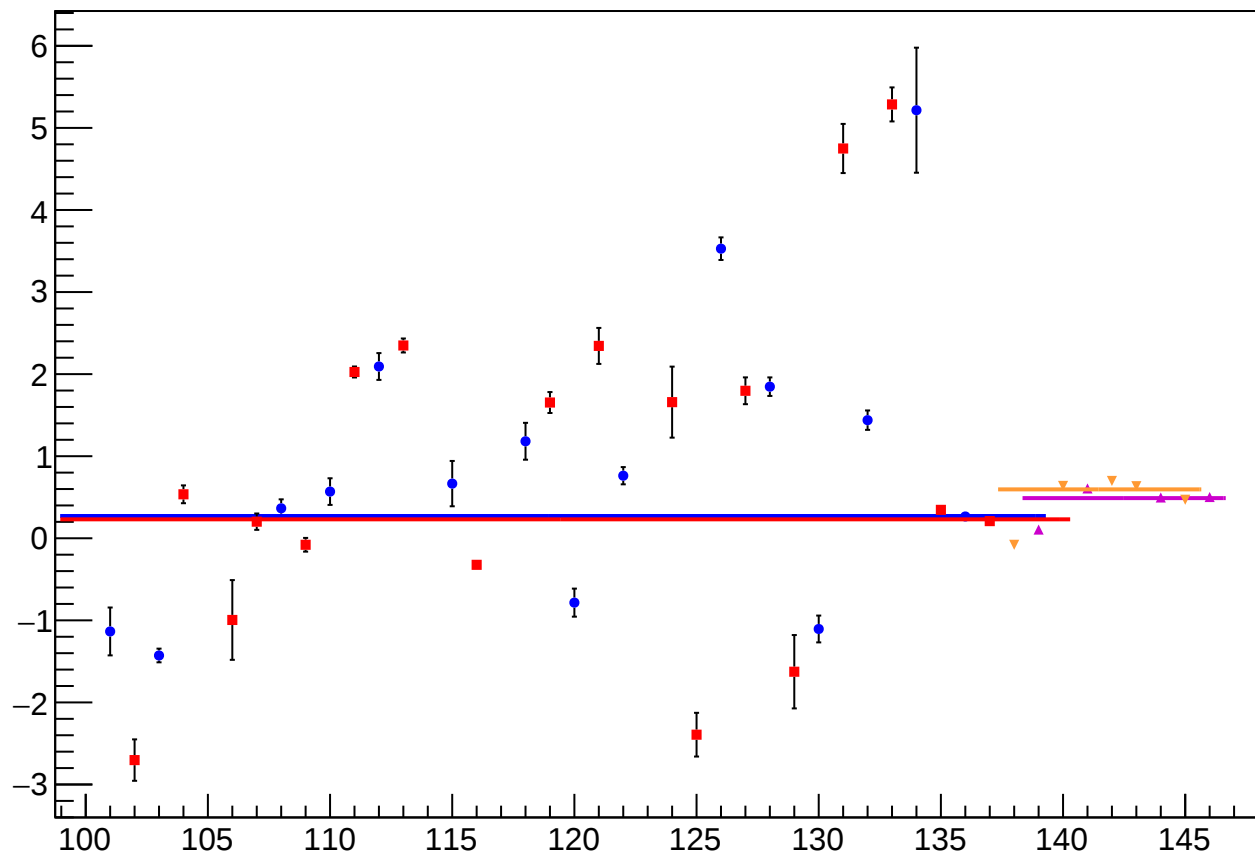
Right: -110.271+/-0.046 χ^2/NDF : 16412.2/32

In: -106.410+/-0.102 χ^2/NDF : 7341.1/18

Out: -110.980+/-0.050 χ^2/NDF : 20549.4/22

All: -110.103+/-0.045 χ^2/NDF : 29525.8/41

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.596+/-0.006 χ^2/NDF :896.5/4

Right Out: 0.231+/-0.004 χ^2/NDF : 2907.8/17

Left In: 0.489+/-0.004 χ^2/NDF :2396.6/3

Left: 0.518+/-0.003 χ^2/NDF : 3518.5/8

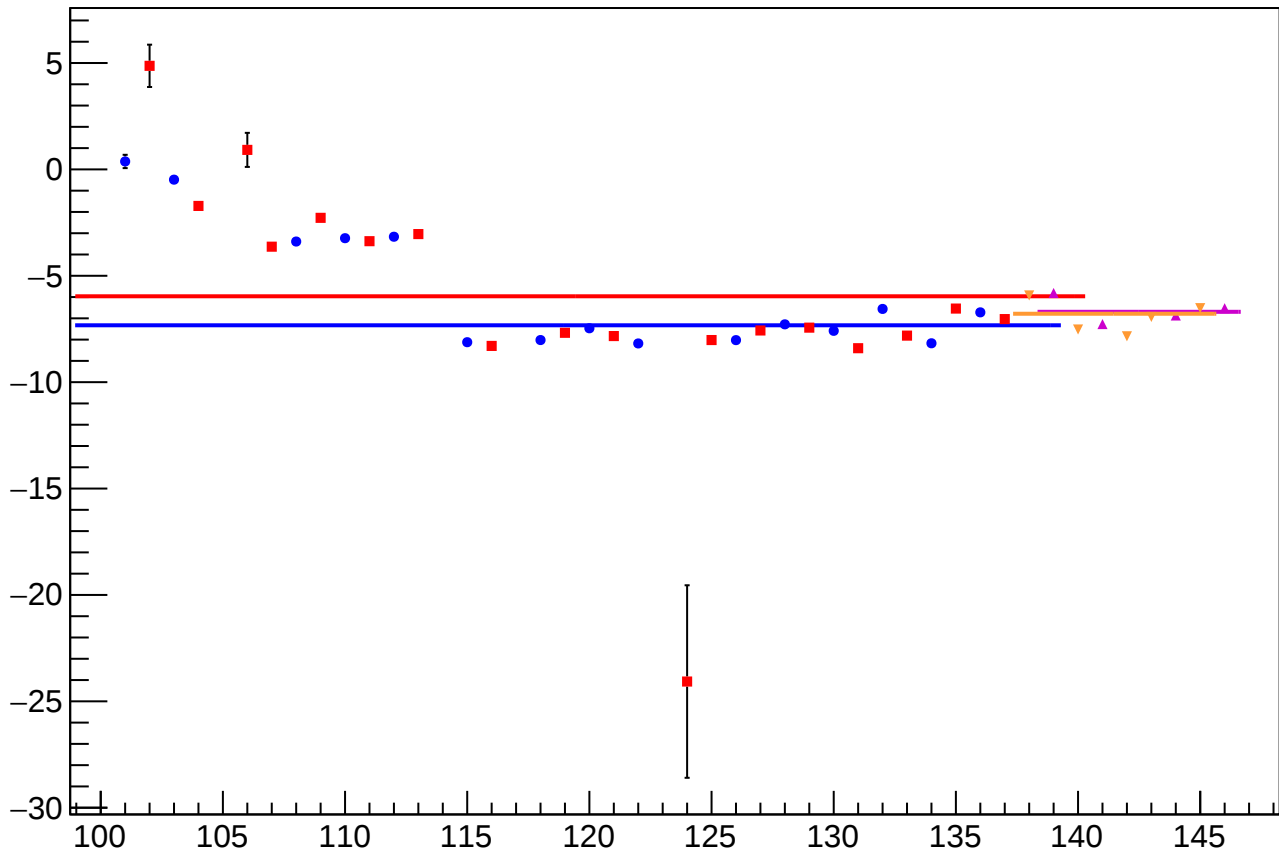
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.420+/-0.003 χ^2/NDF :5152.1/18

Out: 0.357+/-0.004 χ^2/NDF :6164.1/22

All: 0.394+/-0.002 χ^2/NDF : 11496.1/41

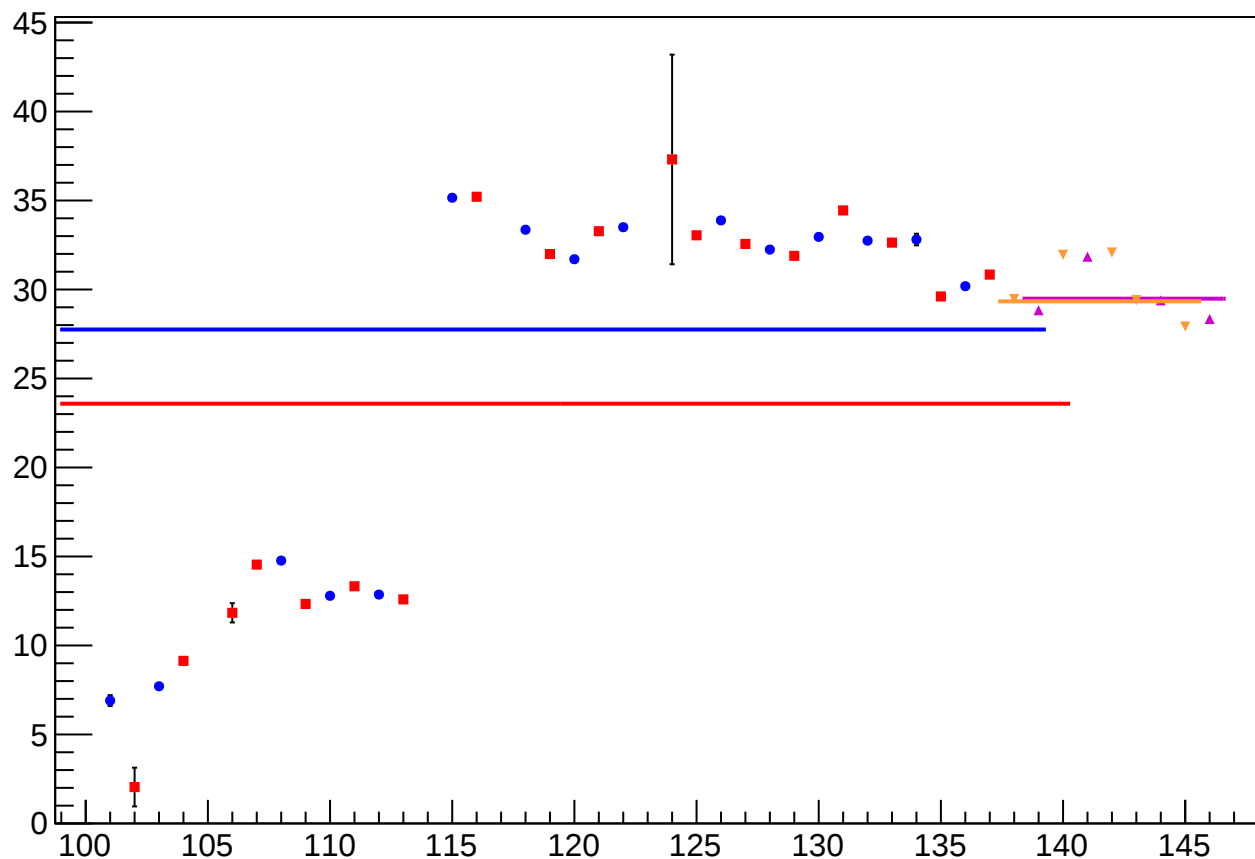
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.784 ± 0.013 $\chi^2/\text{NDF}: 1414.0/4$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.693 ± 0.010 $\chi^2/\text{NDF}: 2688.2/3$

Left: -6.728 ± 0.008 $\chi^2/\text{NDF}: 4135.3/8$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -7.057 ± 0.006 $\chi^2/\text{NDF}: 35614.5/18$
 Out: -6.234 ± 0.007 $\chi^2/\text{NDF}: 76102.5/22$
 All: -6.696 ± 0.005 $\chi^2/\text{NDF}: 119080.0/41$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.335 $\pm$ 0.022 χ^2/NDF : 5576.1/4

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.485 $\pm$ 0.027 χ^2/NDF : 1392.1/3

Left: 29.394 $\pm$ 0.017 χ^2/NDF : 6986.4/8

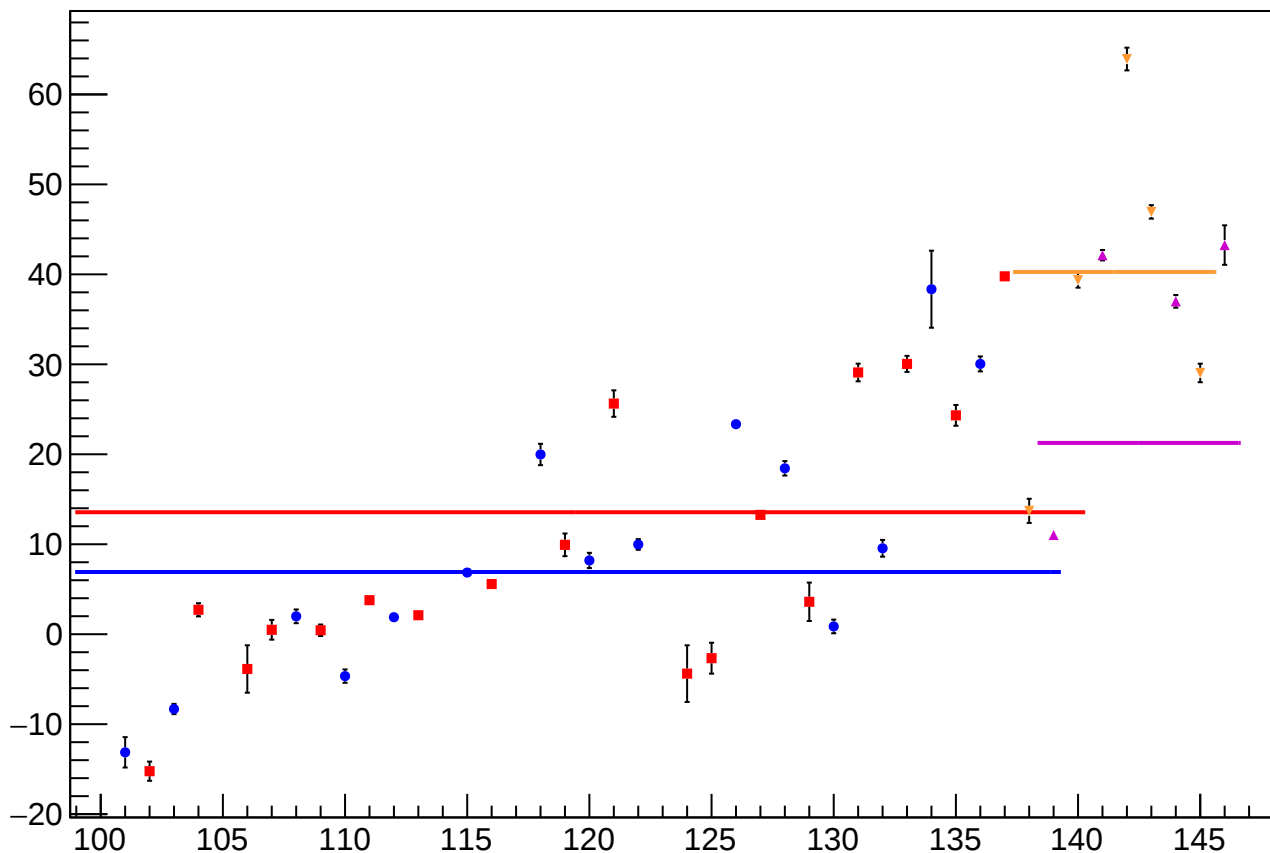
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.152 $\pm$ 0.013 χ^2/NDF : 337384.2/18

Out: 25.191 $\pm$ 0.012 χ^2/NDF : 594302.1/22

All: 26.488 $\pm$ 0.009 χ^2/NDF : 960023.4/41

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 40.270 ± 0.433 $\chi^2/\text{NDF}: 940.6/4$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 21.264 ± 0.260 $\chi^2/\text{NDF}: 2908.9/3$

Left: 26.279 ± 0.223 $\chi^2/\text{NDF}: 5264.6/8$

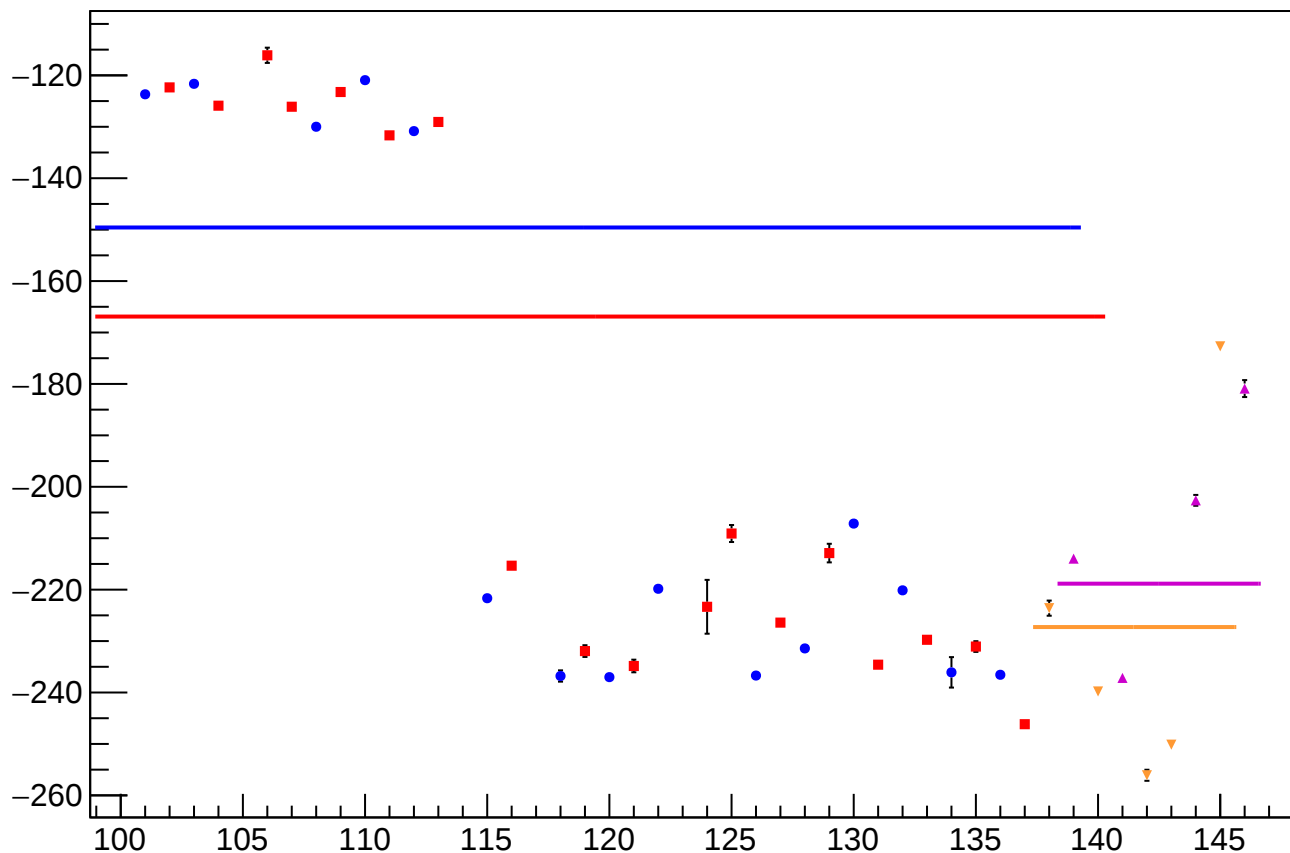
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 11.455 ± 0.146 $\chi^2/\text{NDF}: 8501.3/18$

Out: 16.247 ± 0.138 $\chi^2/\text{NDF}: 16012.8/22$

All: 13.993 ± 0.100 $\chi^2/\text{NDF}: 25084.9/41$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -227.273 ± 0.355 $\chi^2/\text{NDF}: 8065.0/4$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -218.838 ± 0.232 $\chi^2/\text{NDF}: 2689.3/3$

Left: -221.369 ± 0.194 $\chi^2/\text{NDF}: 11150.0/8$

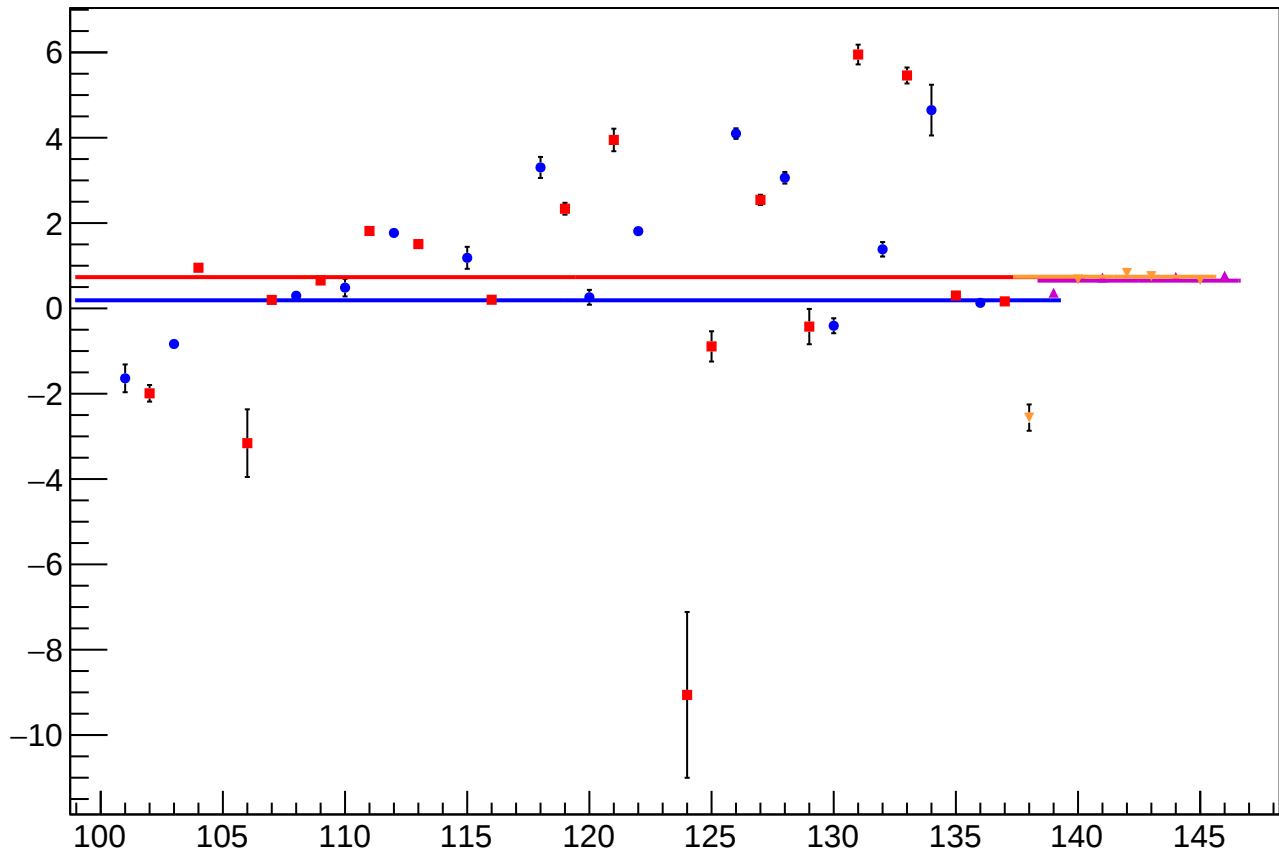
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -160.565 ± 0.093 $\chi^2/\text{NDF}: 272549.4/18$

Out: -171.391 ± 0.097 $\chi^2/\text{NDF}: 330359.2/22$

All: -165.735 ± 0.067 $\chi^2/\text{NDF}: 609446.4/41$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.743 $\pm$ 0.008 χ^2 /NDF:162.3/4

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.651 $\pm$ 0.006 χ^2 /NDF:769.8/3

Left: 0.679 $\pm$ 0.005 χ^2 /NDF: 1018.8/8

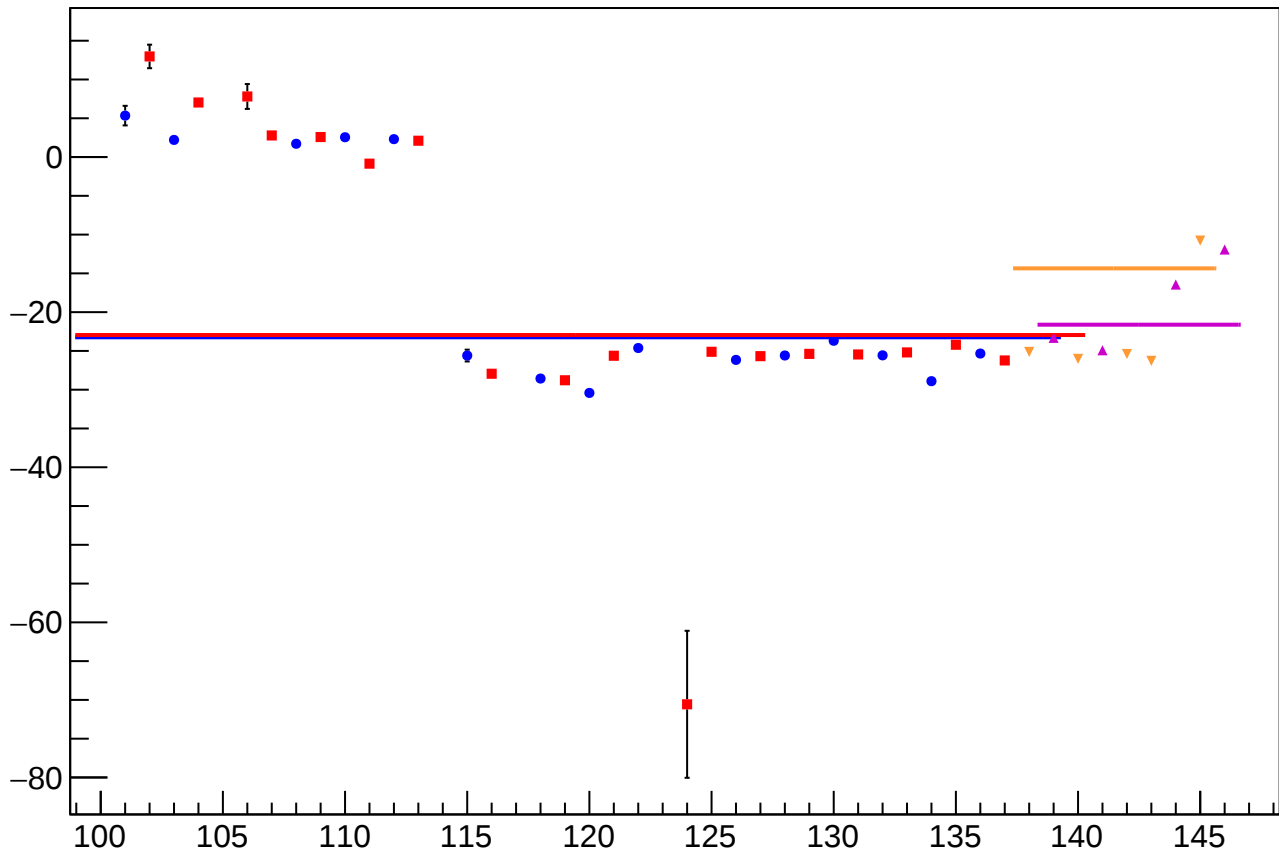
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.516 $\pm$ 0.005 χ^2 /NDF:5524.0/18

Out: 0.741 $\pm$ 0.008 χ^2 /NDF:2829.4/22

All: 0.577 $\pm$ 0.004 χ^2 /NDF: 8995.7/41

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -14.354 ± 0.023 $\chi^2/\text{NDF}: 79554.9/4$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.617 ± 0.054 $\chi^2/\text{NDF}: 7660.9/3$

Left: -15.448 ± 0.021 $\chi^2/\text{NDF}: 102752.1/8$

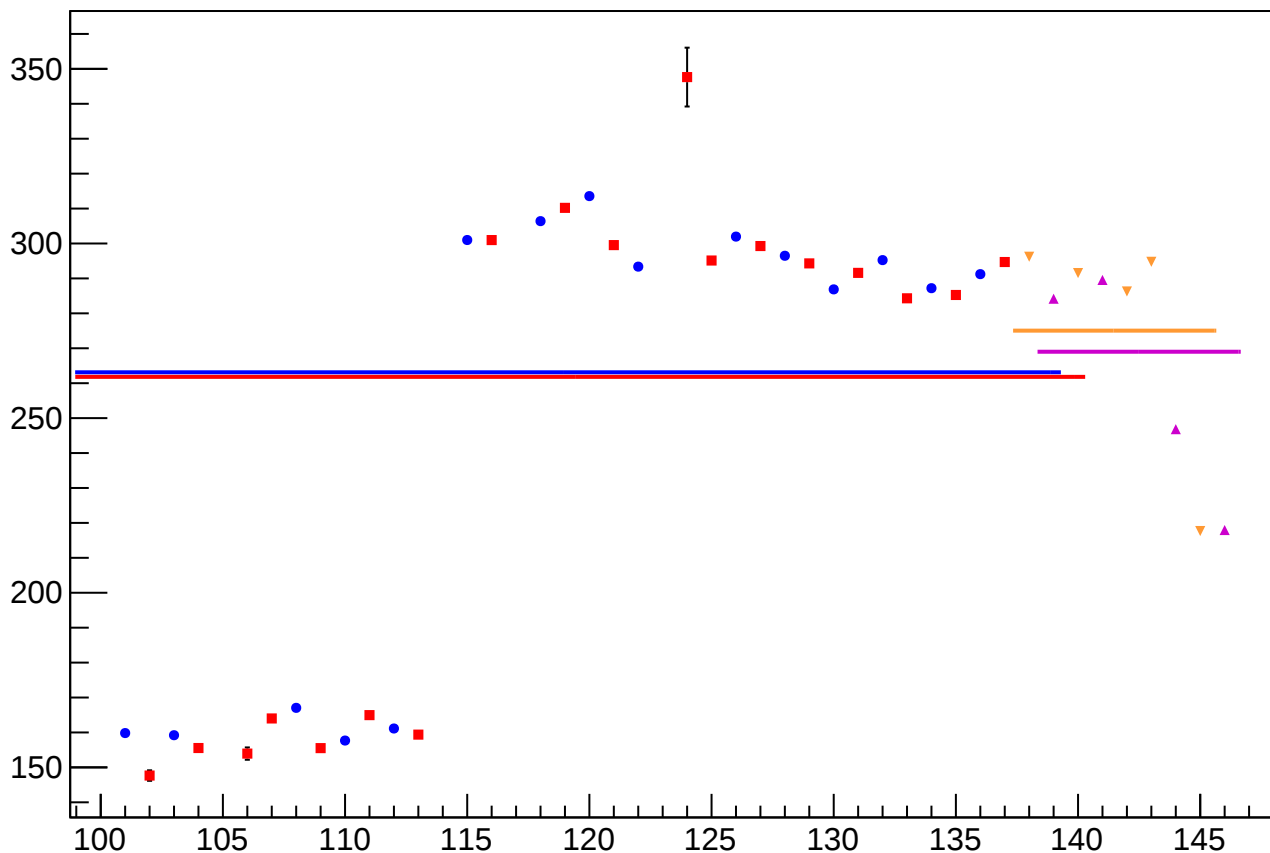
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.956 ± 0.022 $\chi^2/\text{NDF}: 111518.3/18$

Out: -18.275 ± 0.017 $\chi^2/\text{NDF}: 253532.5/22$

All: -19.936 ± 0.013 $\chi^2/\text{NDF}: 393011.7/41$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 275.049 $\pm$ 0.078 χ^2 /NDF:164802.8/4

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 269.009 $\pm$ 0.165 χ^2 /NDF:32311.4/3

Left: 273.940 $\pm$ 0.071 χ^2 /NDF: 198205.7/8

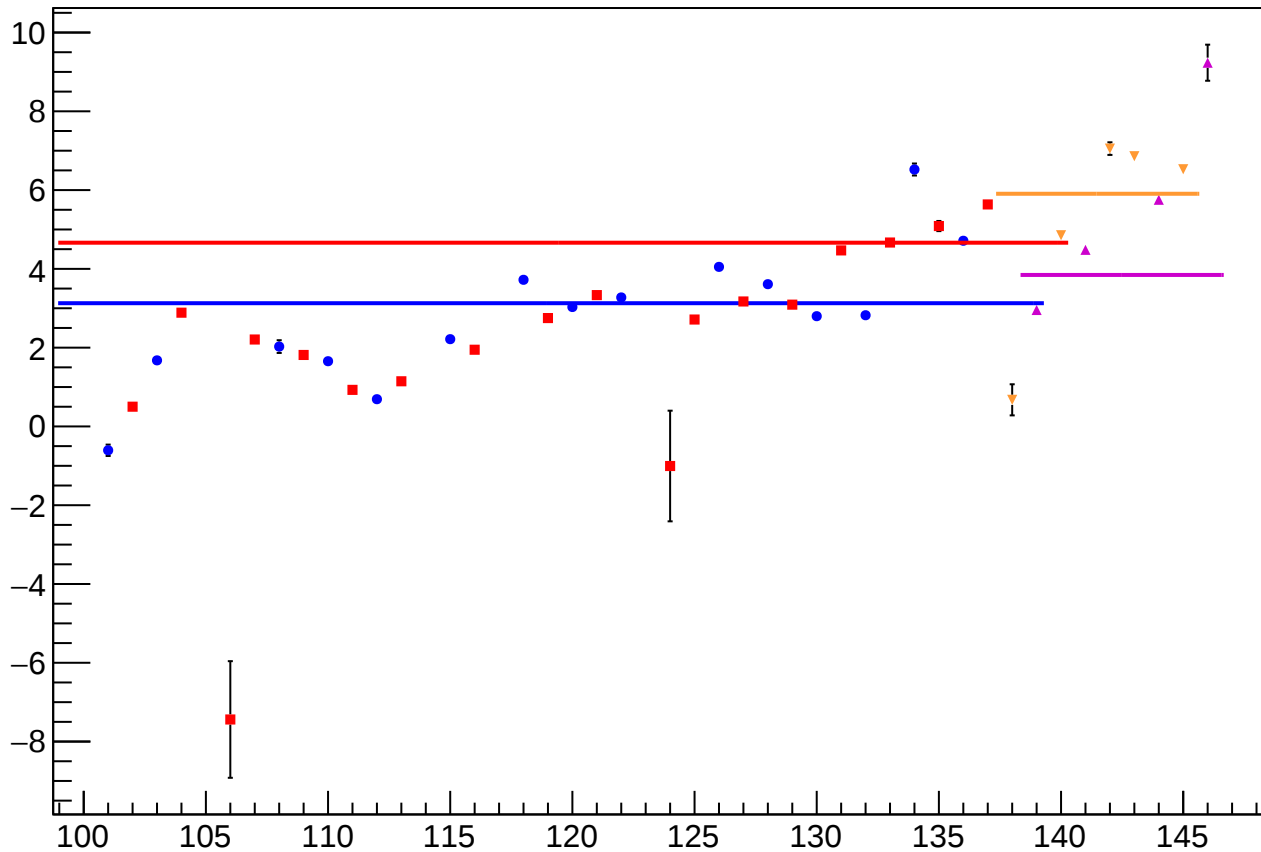
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 263.997 $\pm$ 0.064 χ^2 /NDF:726278.6/18

Out: 266.754 $\pm$ 0.048 χ^2 /NDF:1188889.8/22

All: 265.760 $\pm$ 0.038 χ^2 /NDF: 1916365.4/41

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.907 ± 0.051 $\chi^2/\text{NDF}: 518.3/4$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 3.846 ± 0.028 $\chi^2/\text{NDF}: 1439.4/3$

Left: 4.320 ± 0.025 $\chi^2/\text{NDF}: 3199.8/8$

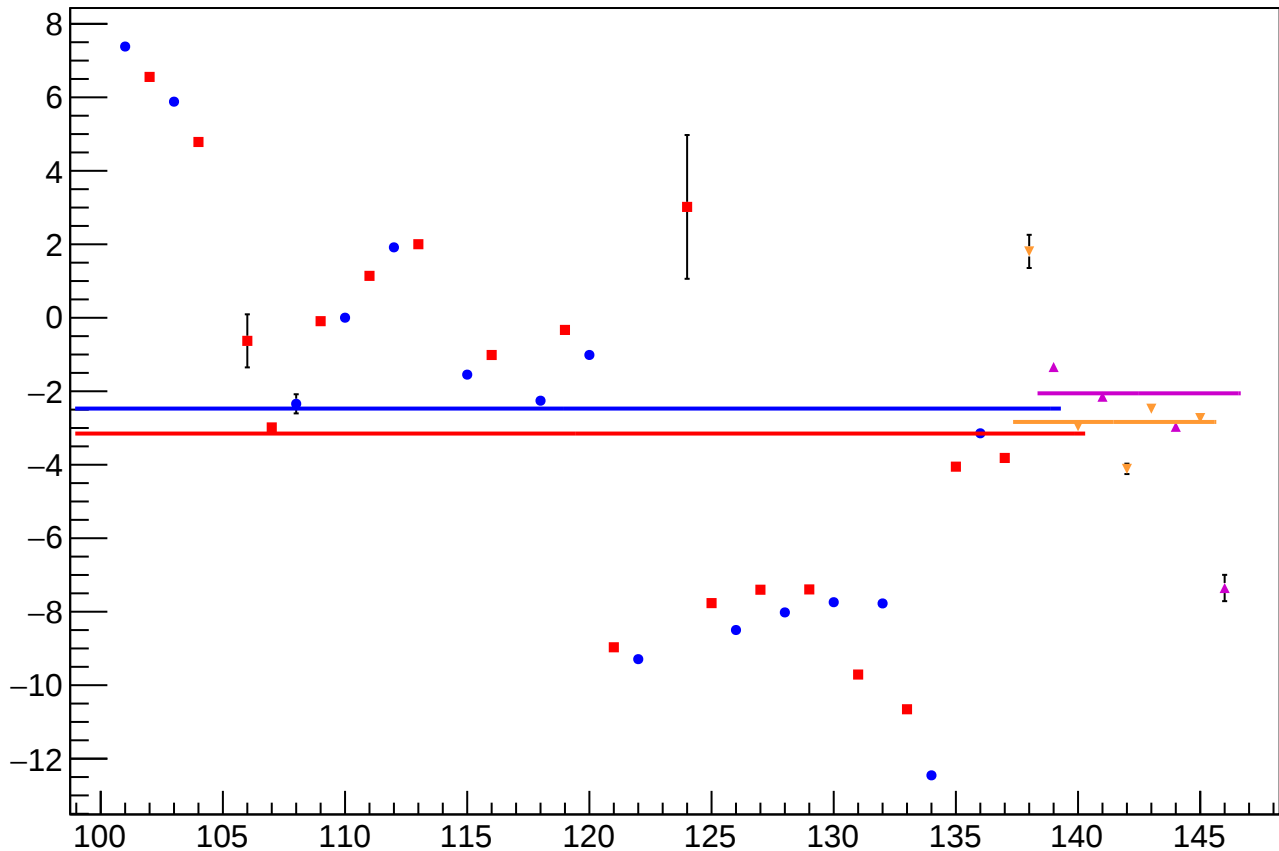
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.301 ± 0.014 $\chi^2/\text{NDF}: 7604.7/18$

Out: 4.683 ± 0.006 $\chi^2/\text{NDF}: 67958.0/22$

All: 4.443 ± 0.006 $\chi^2/\text{NDF}: 83931.0/41$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: -2.835 ± 0.042 χ^2/NDF : 209.7/4

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: -2.056 ± 0.029 χ^2/NDF : 651.0/3

Left: -2.307 ± 0.024 χ^2/NDF : 1096.5/8

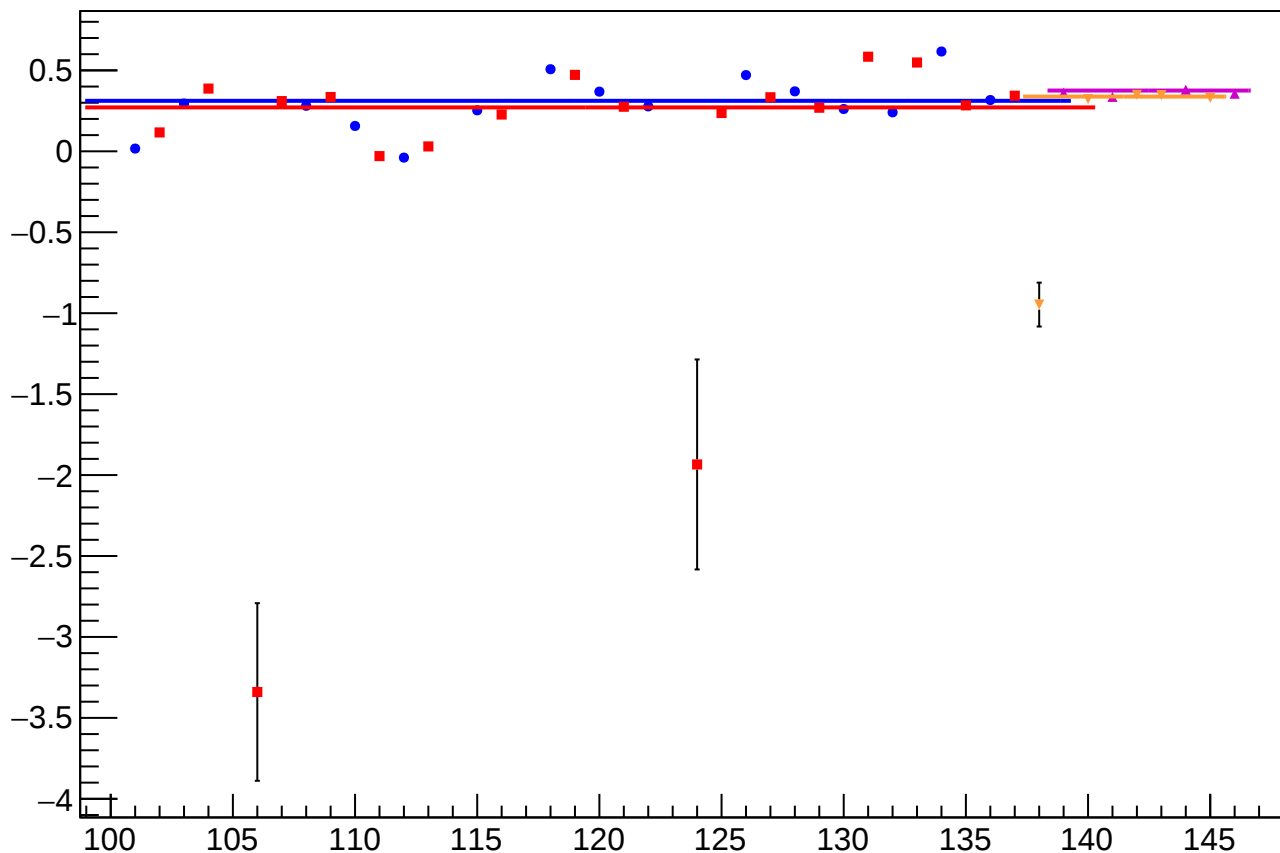
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -2.391 ± 0.013 χ^2/NDF : 243398.5/18

Out: -3.141 ± 0.007 χ^2/NDF : 247692.9/22

All: -2.953 ± 0.006 χ^2/NDF : 493726.3/41

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.338 ± 0.002 $\chi^2/\text{NDF}: 141.0/4$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.375 ± 0.001 $\chi^2/\text{NDF}: 78.0/3$

Left: 0.358 ± 0.001 $\chi^2/\text{NDF}: 535.1/8$

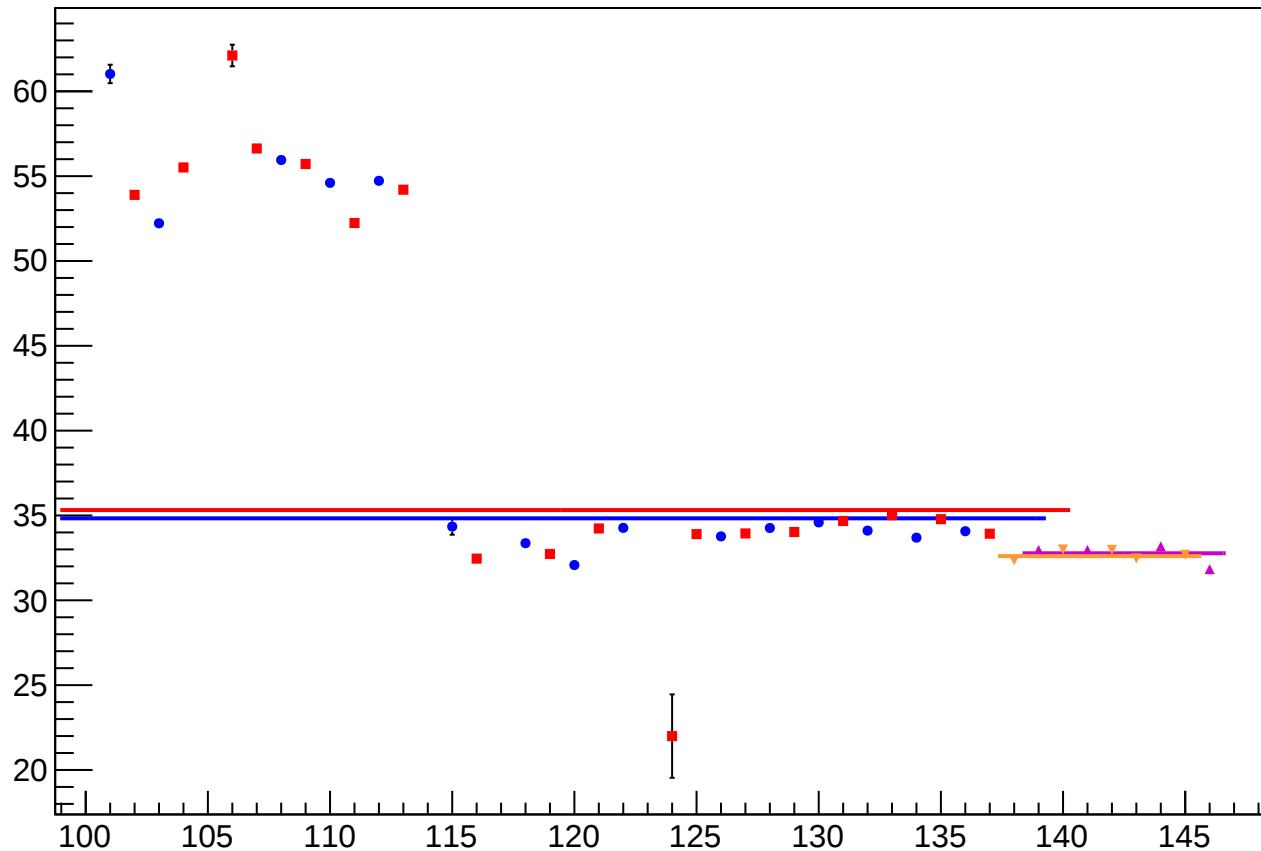
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2485.9/18$

Out: 0.315 ± 0.001 $\chi^2/\text{NDF}: 6940.9/22$

All: 0.331 ± 0.001 $\chi^2/\text{NDF}: 9685.6/41$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.604+/-0.012 χ^2/NDF :307.1/4

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.771+/-0.014 χ^2/NDF :1412.0/3

Left: 32.676+/-0.009 χ^2/NDF : 1800.6/8

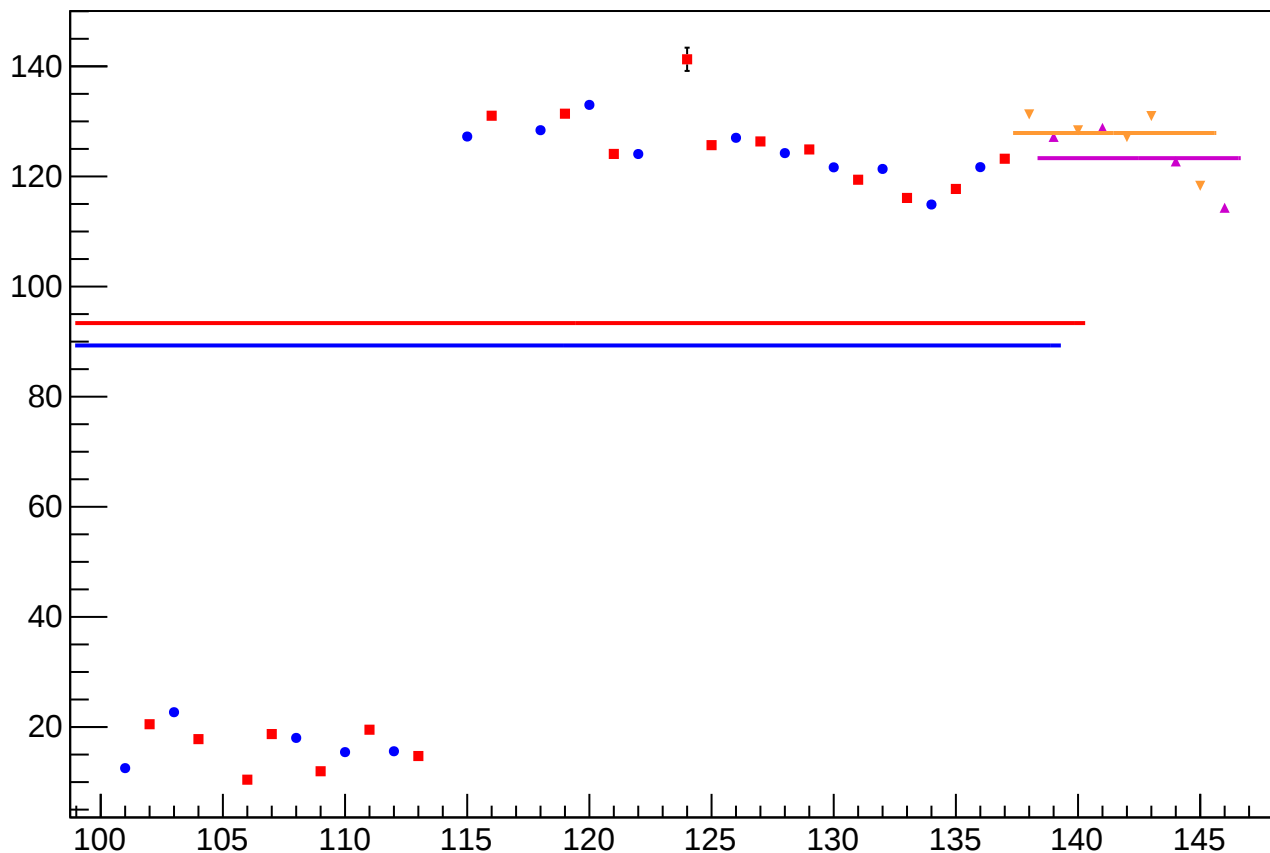
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.265+/-0.007 χ^2/NDF :262684.4/18

Out: 34.231+/-0.008 χ^2/NDF :291615.9/22

All: 34.249+/-0.005 χ^2/NDF : 554310.6/41

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 127.891+/-0.036 χ^2/NDF :13504.4/4

Right Out: 93.367+/-0.030 χ^2/NDF : 2852493.6/17

Left In: 123.322+/-0.051 χ^2/NDF :13926.4/3

Left: 126.372+/-0.029 χ^2/NDF : 32796.5/8

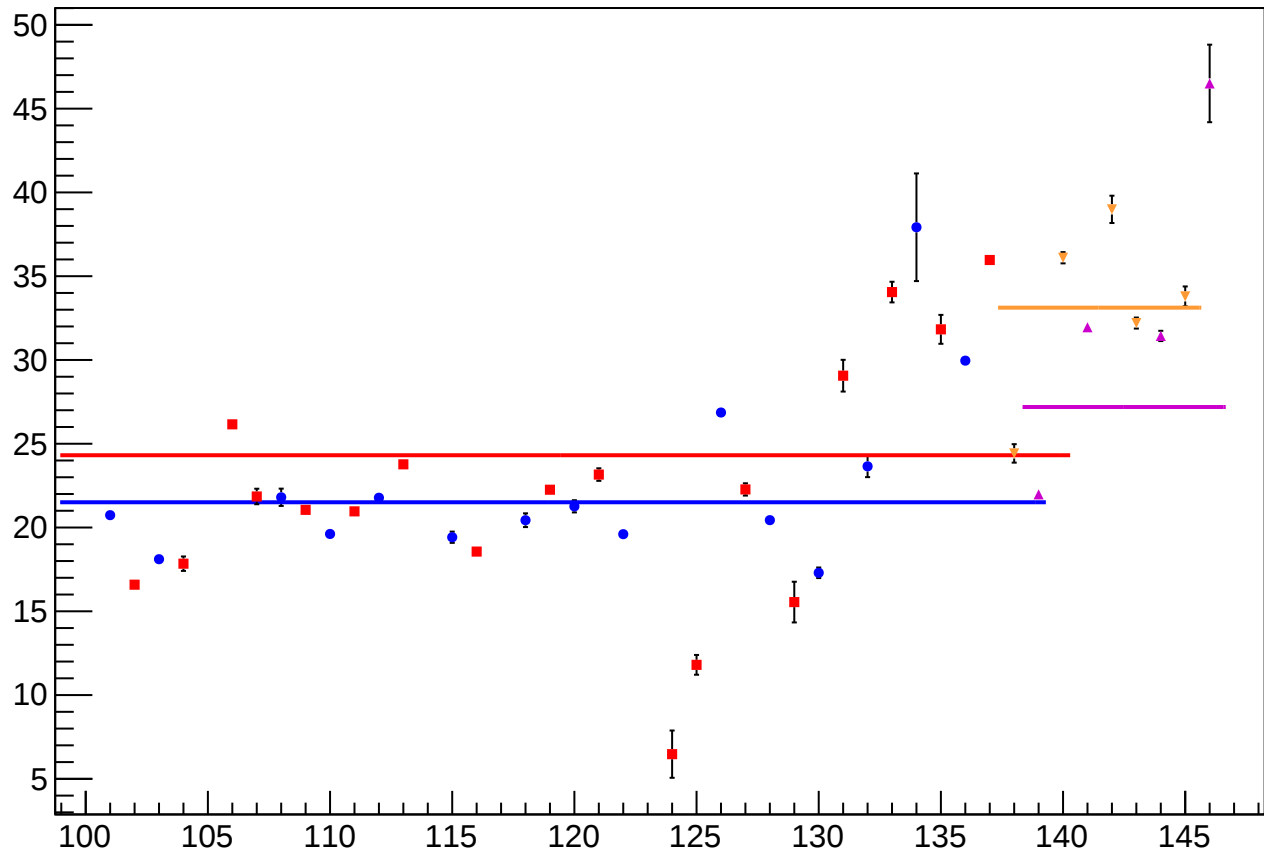
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 96.948+/-0.024 χ^2/NDF :3393942.0/18

Out: 107.499+/-0.023 χ^2/NDF :3410220.2/22

All: 102.480+/-0.017 χ^2/NDF : 6904168.2/41

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 33.123 $\pm$ 0.197 χ^2 /NDF:388.6/4

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 27.192 $\pm$ 0.143 χ^2 /NDF:1235.3/3

Left: 29.229 $\pm$ 0.116 χ^2 /NDF: 2218.3/8

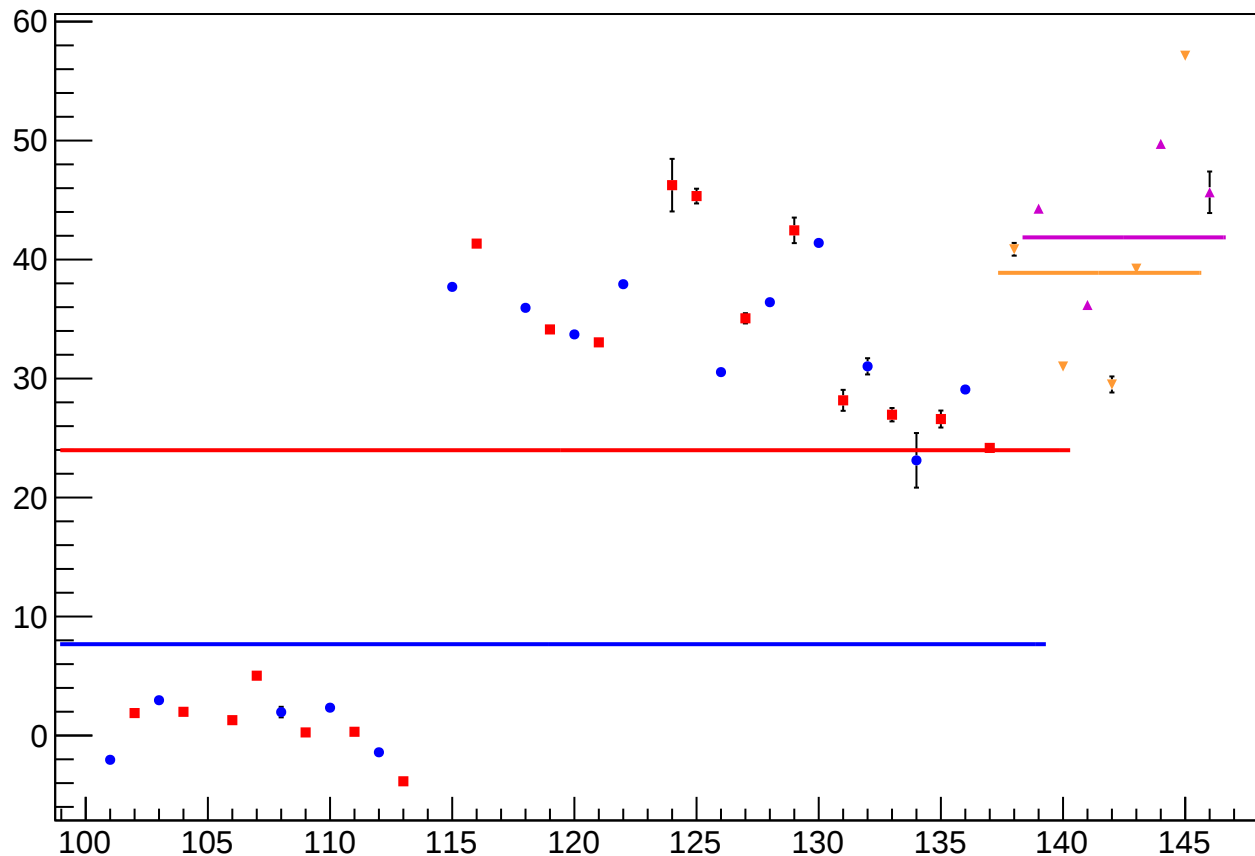
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.671 $\pm$ 0.064 χ^2 /NDF:5463.1/18

Out: 25.026 $\pm$ 0.056 χ^2 /NDF:16519.7/22

All: 24.013 $\pm$ 0.042 χ^2 /NDF: 22742.6/41

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 38.886 ± 0.167 χ^2/NDF : 2792.5/4

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 41.865 ± 0.125 χ^2/NDF : 1397.0/3

Left: 40.795 ± 0.100 χ^2/NDF : 4394.7/8

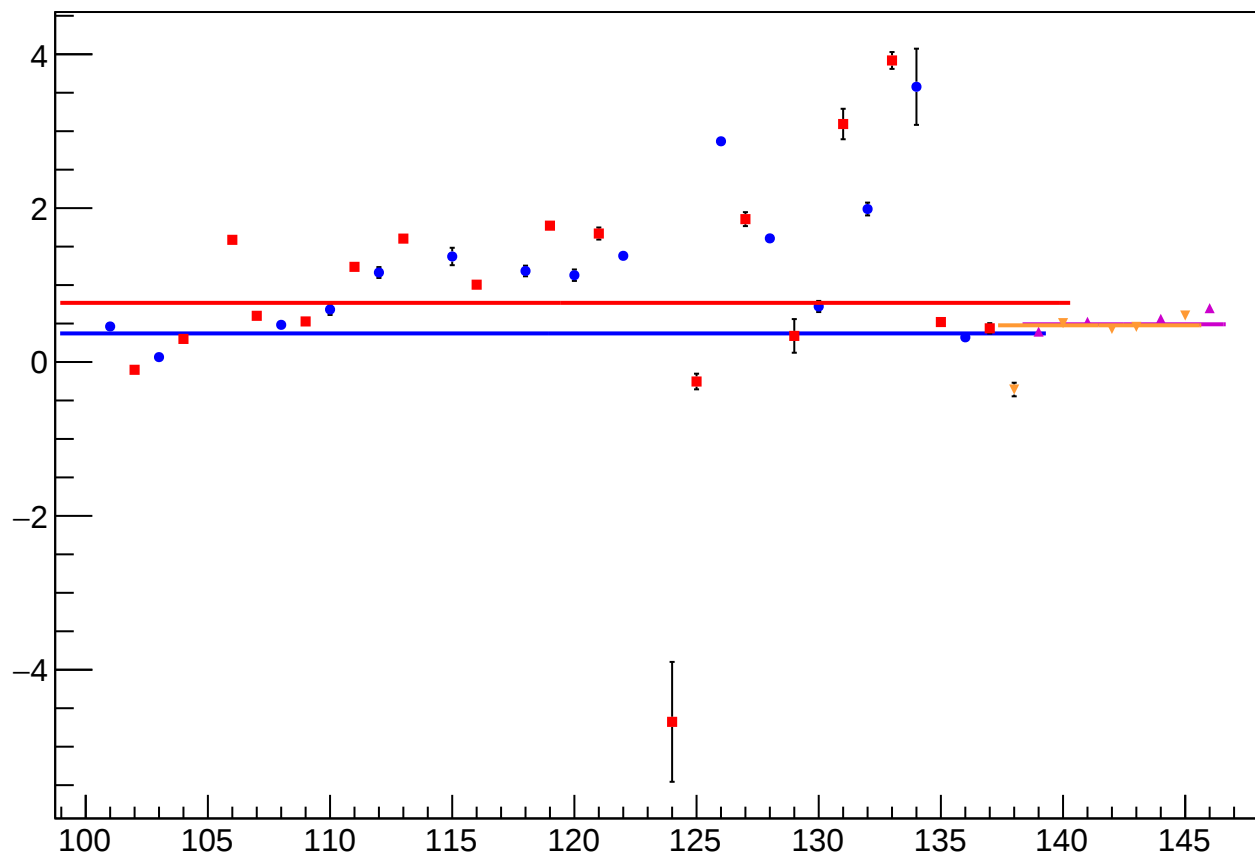
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 11.654 ± 0.043 χ^2/NDF : 164329.5/18

Out: 24.013 ± 0.008 χ^2/NDF : 121349.4/22

All: 23.573 ± 0.008 χ^2/NDF : 367148.7/41

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.477 ± 0.003 $\chi^2/\text{NDF}: 235.3/4$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.490 ± 0.003 $\chi^2/\text{NDF}: 604.9/3$

Left: 0.484 ± 0.002 $\chi^2/\text{NDF}: 850.7/8$

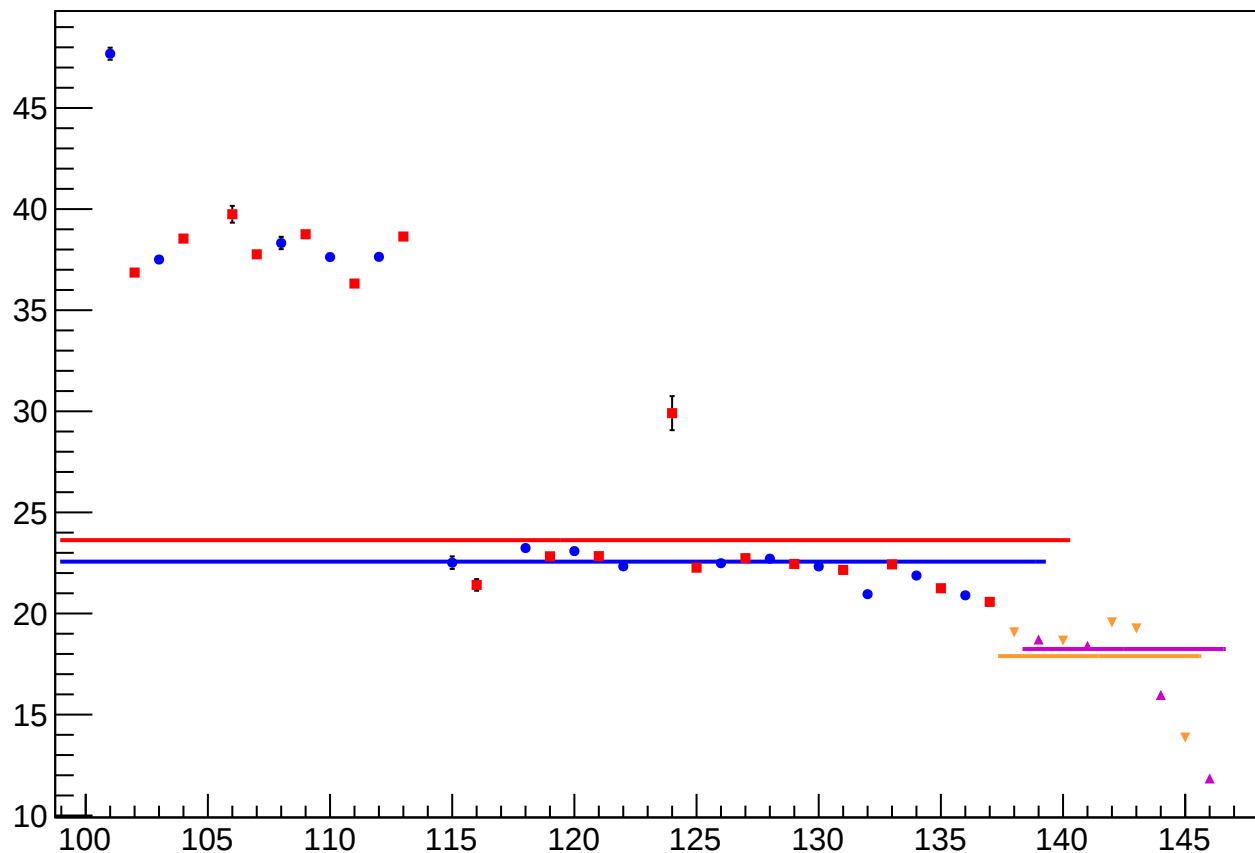
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.454 ± 0.002 $\chi^2/\text{NDF}: 5870.7/18$

Out: 0.520 ± 0.003 $\chi^2/\text{NDF}: 5880.3/22$

All: 0.484 ± 0.002 $\chi^2/\text{NDF}: 12088.6/41$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 χ^2/NDF : 92859.1/14

Left Out: 17.892 ± 0.012 χ^2/NDF : 35377.3/4

Right Out: 23.627 ± 0.011 χ^2/NDF : 123194.1/17

Left In: 18.245 ± 0.019 χ^2/NDF : 4025.1/3

Left: 17.996 ± 0.010 χ^2/NDF : 39656.8/8

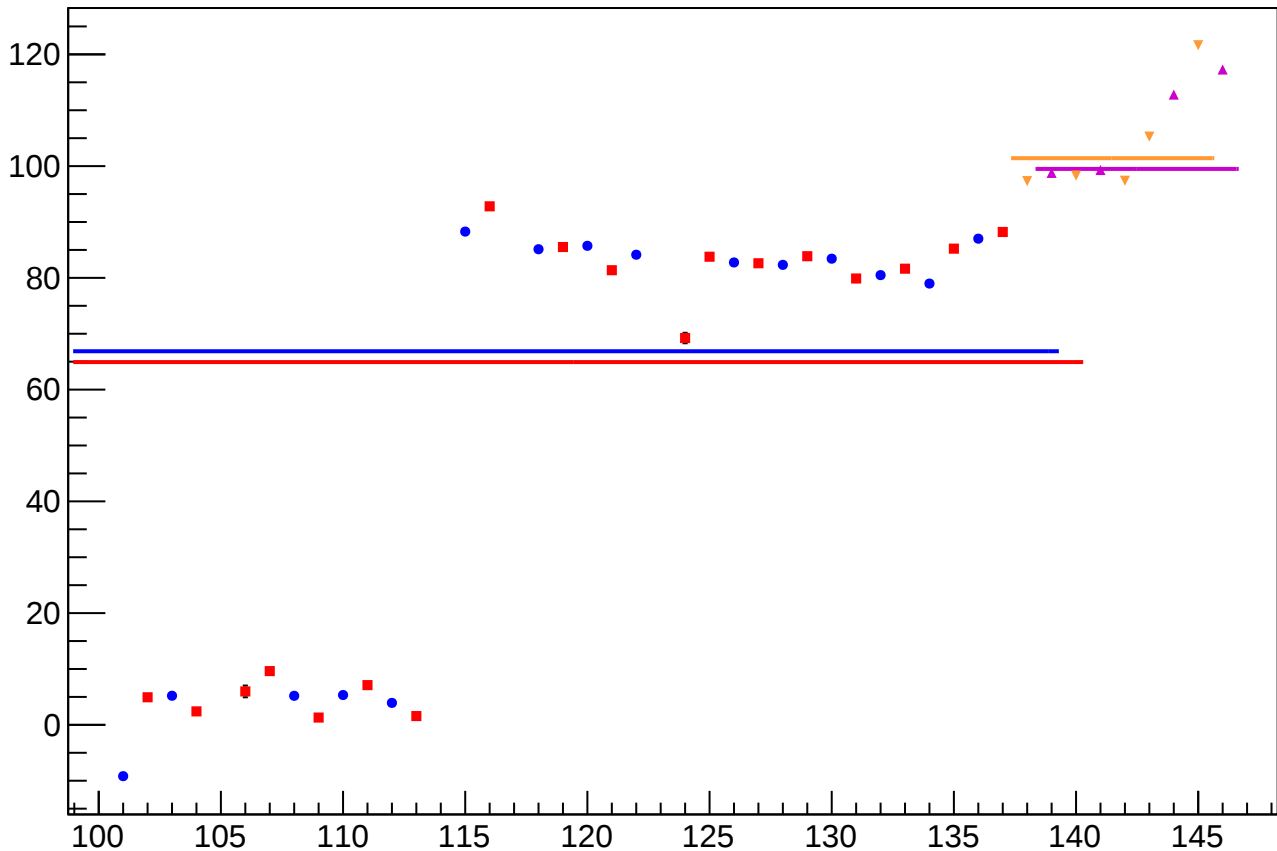
Right: 23.044 ± 0.008 χ^2/NDF : 220970.6/32

In: 21.569 ± 0.009 χ^2/NDF : 138448.4/18

Out: 20.944 ± 0.008 χ^2/NDF : 280739.9/22

All: 21.230 ± 0.006 χ^2/NDF : 421849.4/41

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 101.418+/-0.029 χ^2/NDF : 53614.1/4

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.499+/-0.032 χ^2/NDF : 4218.3/3

Left: 100.578+/-0.021 χ^2/NDF : 59804.3/8

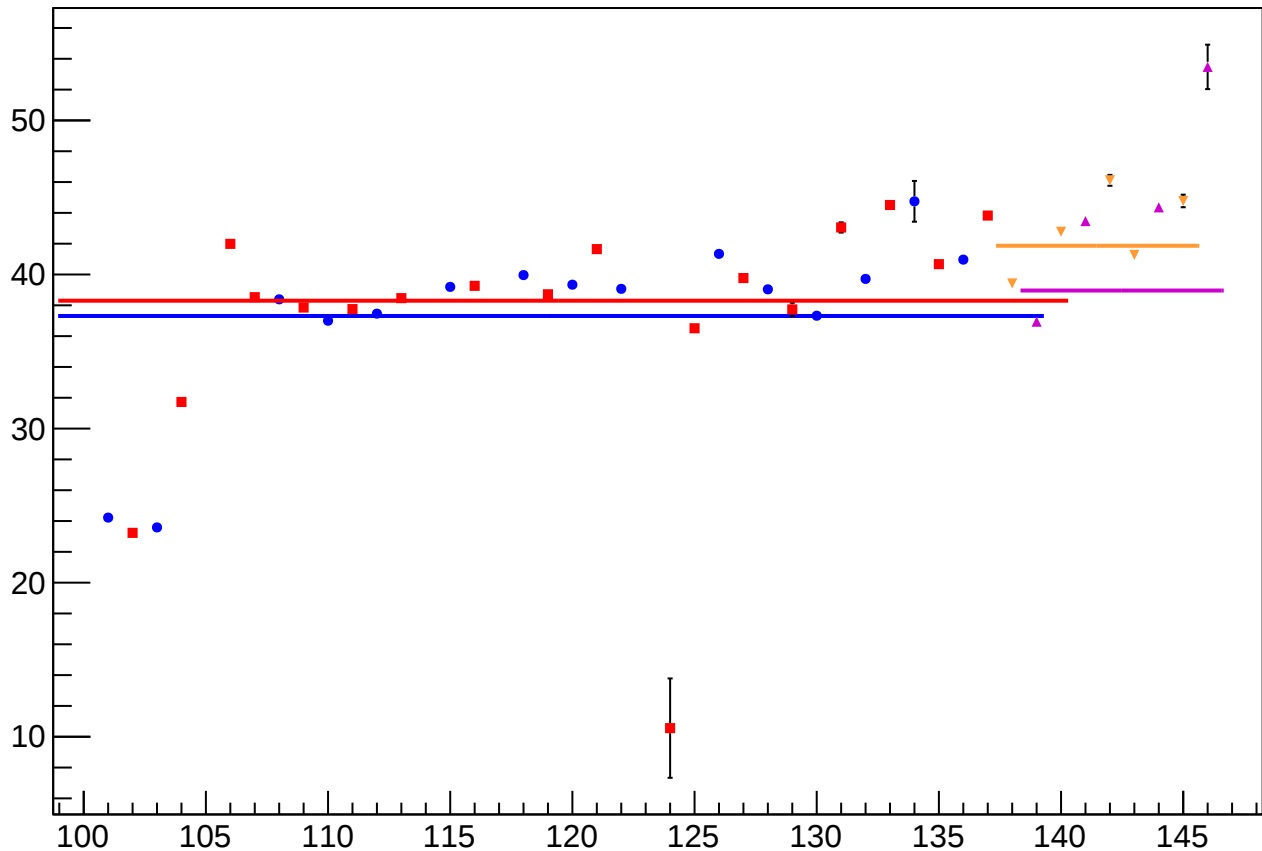
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 80.268+/-0.021 χ^2/NDF : 2095685.4/18

Out: 83.883+/-0.021 χ^2/NDF : 2170811.6/22

All: 82.090+/-0.015 χ^2/NDF : 4281758.9/41

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 41.865 ± 0.079 $\chi^2/\text{NDF}: 365.9/4$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.960 ± 0.058 $\chi^2/\text{NDF}: 3001.6/3$

Left: 39.976 ± 0.047 $\chi^2/\text{NDF}: 4243.2/8$

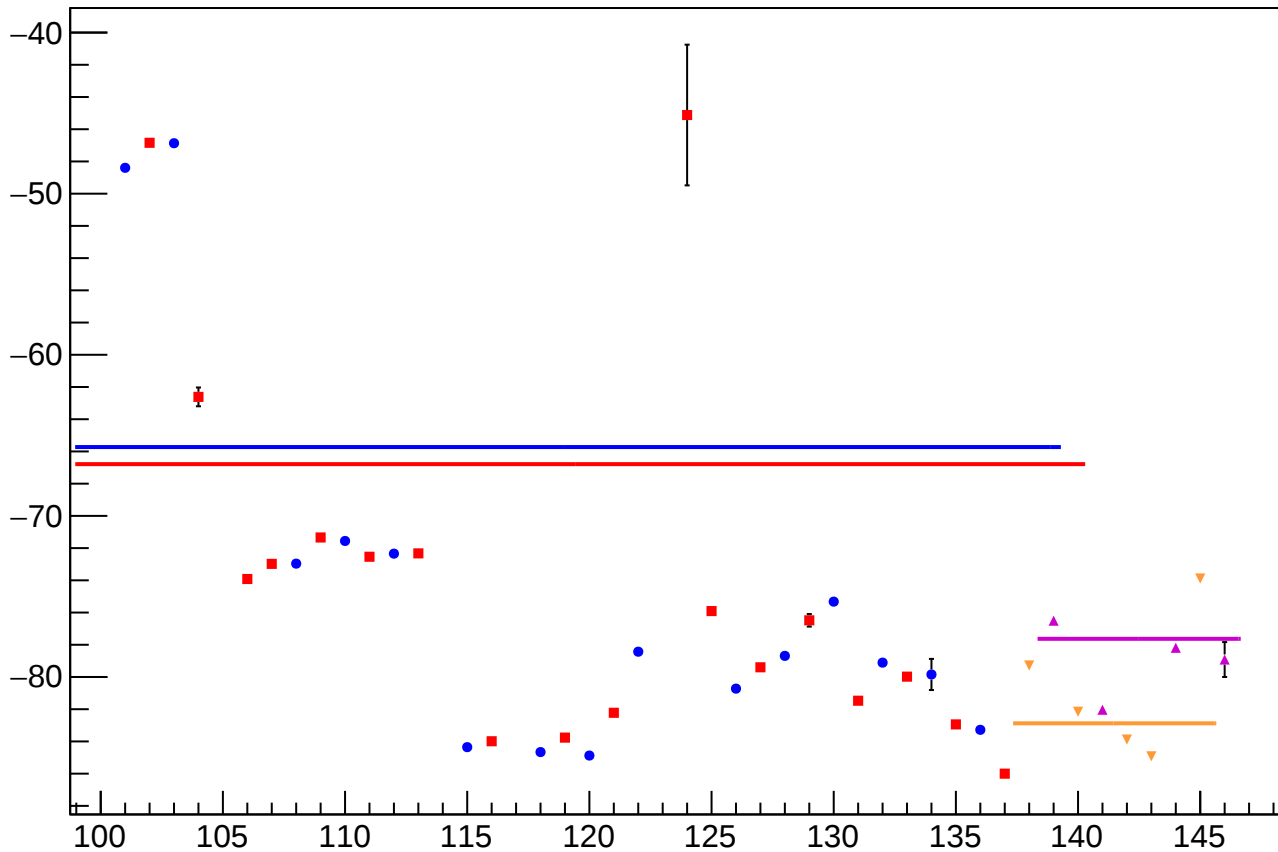
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.533 ± 0.021 $\chi^2/\text{NDF}: 63280.9/18$

Out: 38.524 ± 0.020 $\chi^2/\text{NDF}: 21106.7/22$

All: 38.067 ± 0.015 $\chi^2/\text{NDF}: 85536.7/41$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -82.875 ± 0.067 $\chi^2/\text{NDF}: 1761.4/4$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.631 ± 0.046 $\chi^2/\text{NDF}: 2044.3/3$

Left: -79.297 ± 0.038 $\chi^2/\text{NDF}: 7962.6/8$

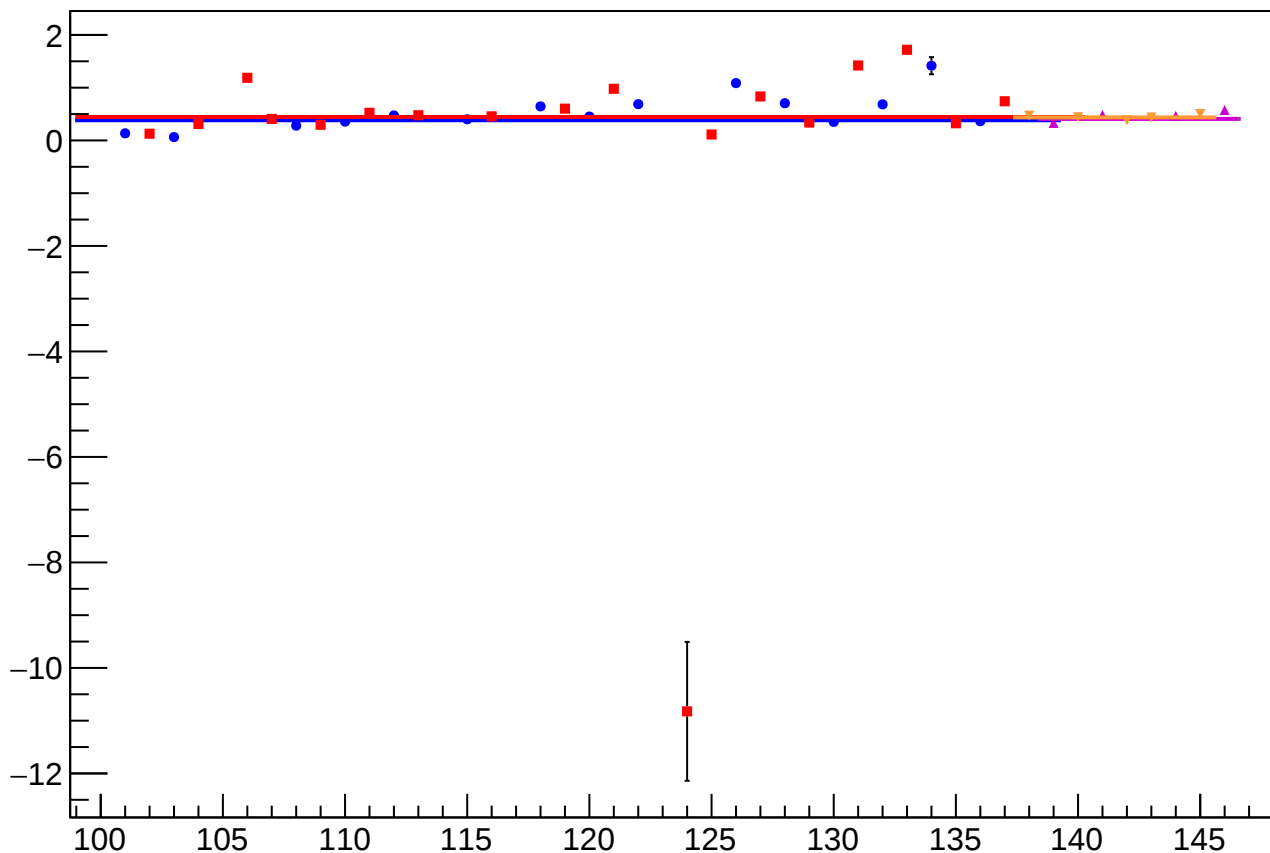
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.144 ± 0.016 $\chi^2/\text{NDF}: 964483.0/18$

Out: -67.632 ± 0.015 $\chi^2/\text{NDF}: 865432.5/22$

All: -67.395 ± 0.011 $\chi^2/\text{NDF}: 1830404.0/41$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.436 $\pm$ 0.002 χ^2 /NDF:83.3/4

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.408 $\pm$ 0.002 χ^2 /NDF:1993.6/3

Left: 0.422 $\pm$ 0.001 χ^2 /NDF: 2218.3/8

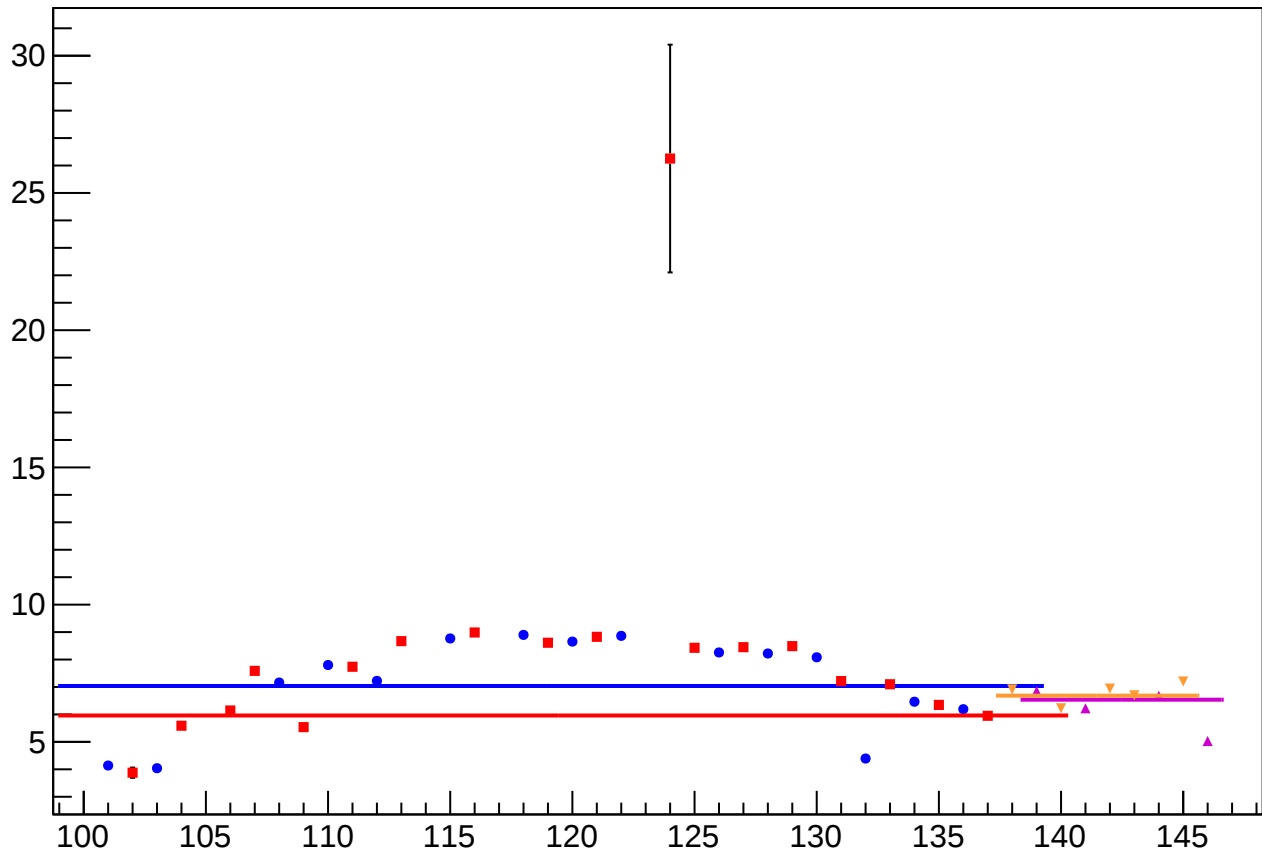
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.397 $\pm$ 0.001 χ^2 /NDF:10268.8/18

Out: 0.438 $\pm$ 0.002 χ^2 /NDF:2873.3/22

All: 0.413 $\pm$ 0.001 χ^2 /NDF: 13564.9/41

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.685 $\pm$ 0.005 χ^2 /NDF:3431.0/4

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.537 $\pm$ 0.005 χ^2 /NDF:3460.9/3

Left: 6.617 $\pm$ 0.003 χ^2 /NDF: 7383.0/8

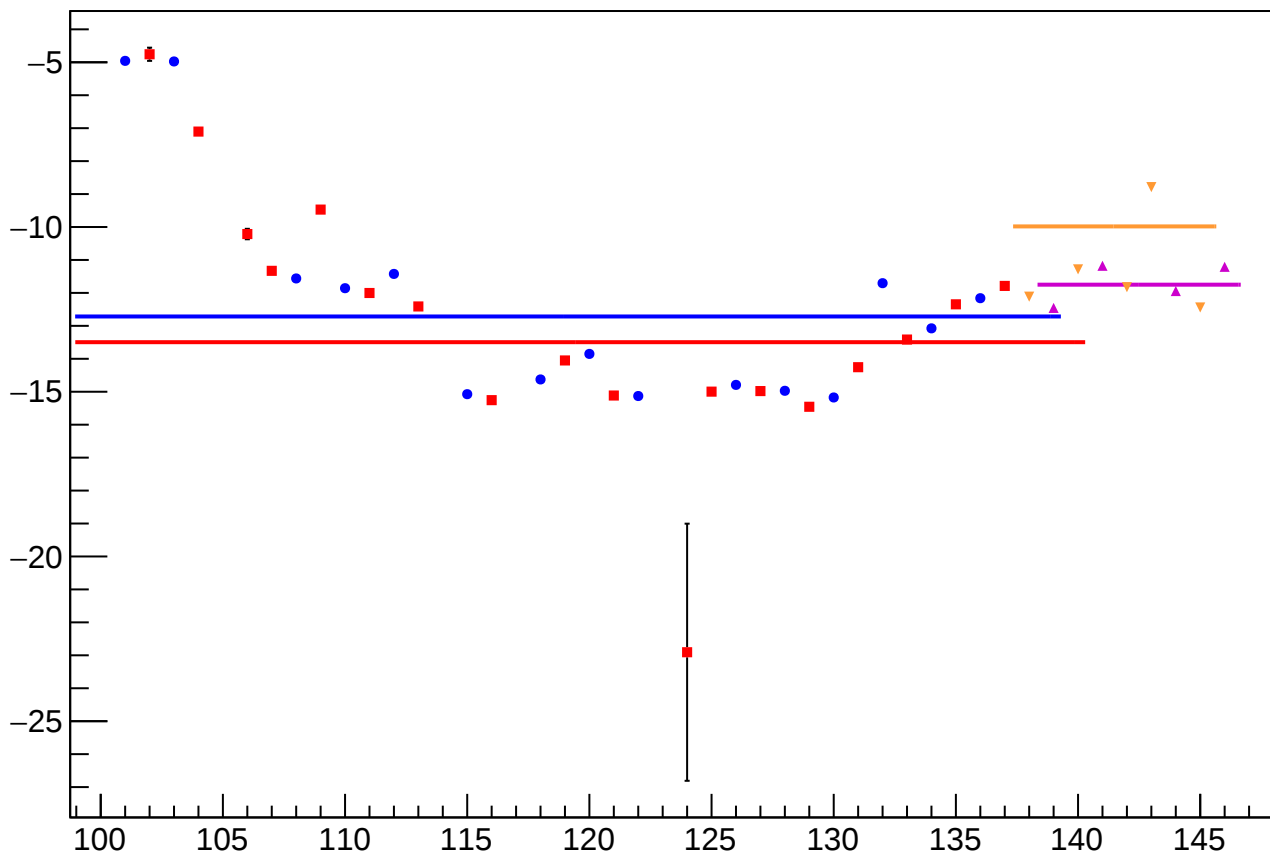
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.806 $\pm$ 0.003 χ^2 /NDF:78979.1/18

Out: 5.968 $\pm$ 0.000 χ^2 /NDF:197125.3/22

All: 5.980 $\pm$ 0.000 χ^2 /NDF: 338923.8/41

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -9.982 $\pm$ 0.005 χ^2 /NDF: 96170.4/4

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.751 $\pm$ 0.009 χ^2 /NDF: 3520.7/3

Left: -10.404 $\pm$ 0.004 χ^2 /NDF: 131309.7/8

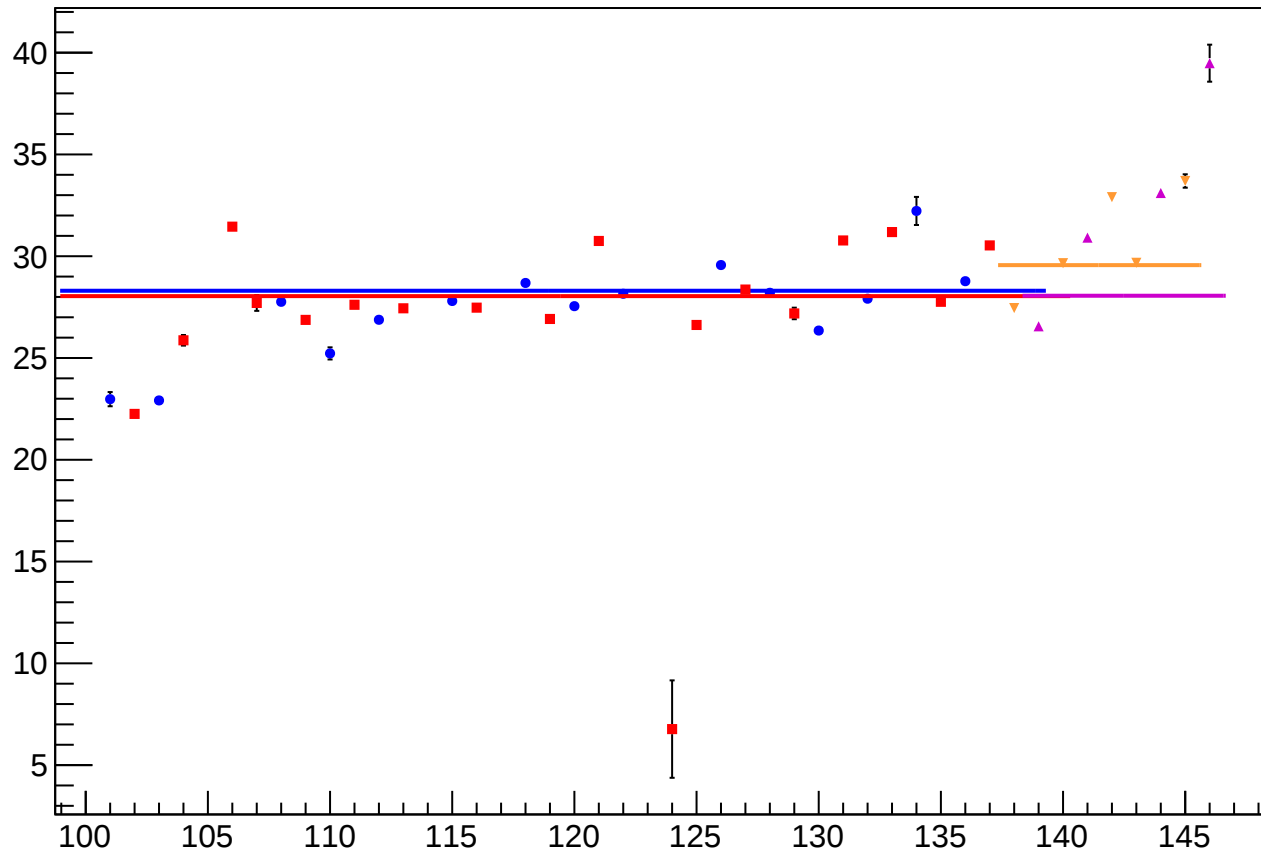
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.377 $\pm$ 0.005 χ^2 /NDF: 96765.9/18

Out: -11.428 $\pm$ 0.004 χ^2 /NDF: 367139.7/22

All: -11.755 $\pm$ 0.003 χ^2 /NDF: 486262.1/41

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.562 $\pm$ 0.053 χ^2 /NDF:751.9/4

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.059 $\pm$ 0.045 χ^2 /NDF:2836.4/3

Left: 28.684 $\pm$ 0.034 χ^2 /NDF: 4057.7/8

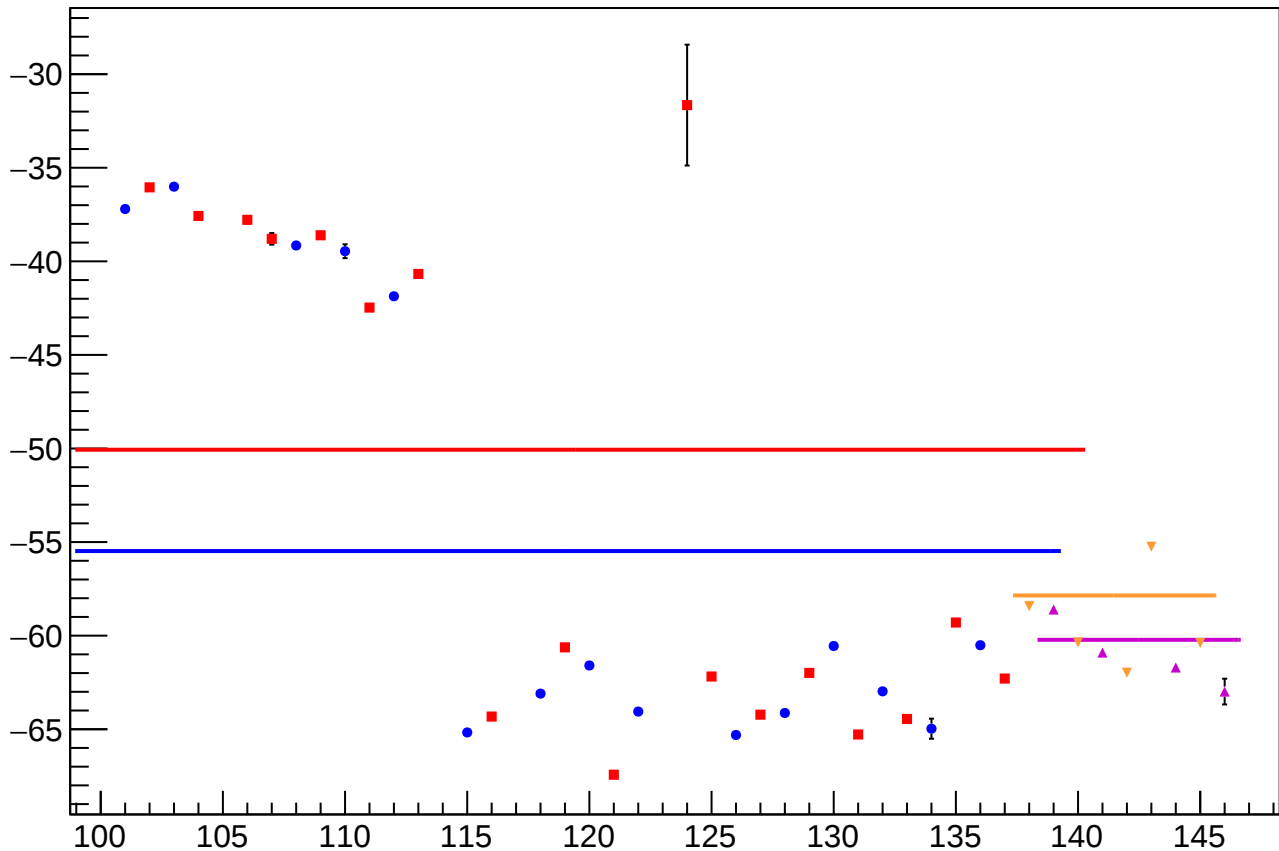
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.253 $\pm$ 0.021 χ^2 /NDF:6260.2/18

Out: 28.415 $\pm$ 0.026 χ^2 /NDF:3934.7/22

All: 28.314 $\pm$ 0.016 χ^2 /NDF: 10218.5/41

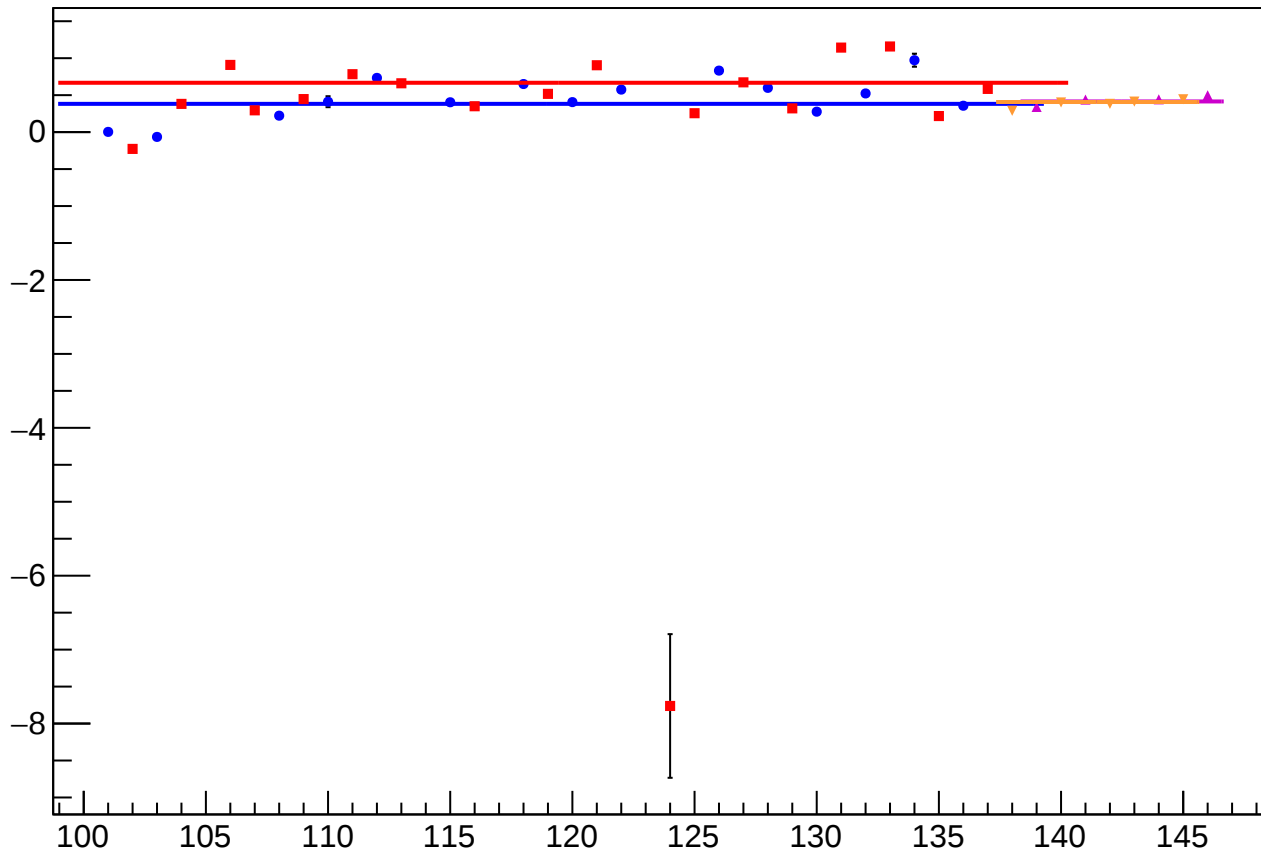
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -57.853 ± 0.046 $\chi^2/\text{NDF}: 3036.4/4$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -60.223 ± 0.053 $\chi^2/\text{NDF}: 560.6/3$

Left: -58.873 ± 0.035 $\chi^2/\text{NDF}: 4749.6/8$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -55.907 ± 0.016 $\chi^2/\text{NDF}: 603078.5/18$
 Out: -51.647 ± 0.021 $\chi^2/\text{NDF}: 366165.6/22$
 All: -54.333 ± 0.013 $\chi^2/\text{NDF}: 996092.4/41$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.407 ± 0.001 χ^2/NDF : 260.2/4

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.415 ± 0.001 χ^2/NDF : 986.0/3

Left: 0.410 ± 0.001 χ^2/NDF : 1261.9/8

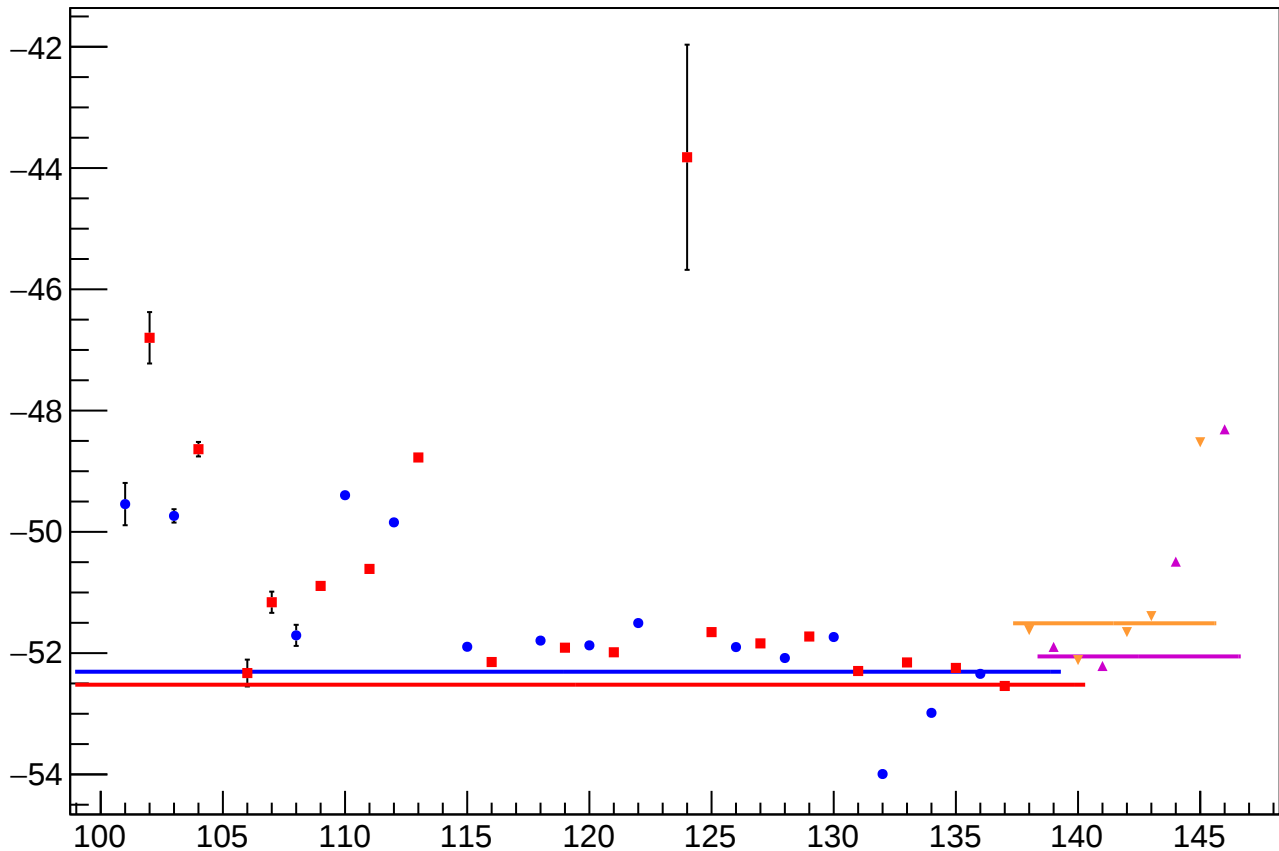
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.400 ± 0.001 χ^2/NDF : 5811.0/18

Out: 0.424 ± 0.001 χ^2/NDF : 6947.4/22

All: 0.411 ± 0.001 χ^2/NDF : 12985.6/41

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -51.508 ± 0.005 χ^2/NDF : 6630.3/4

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -52.054 ± 0.005 χ^2/NDF : 10143.4/3

Left: -51.754 ± 0.003 χ^2/NDF : 23124.4/8

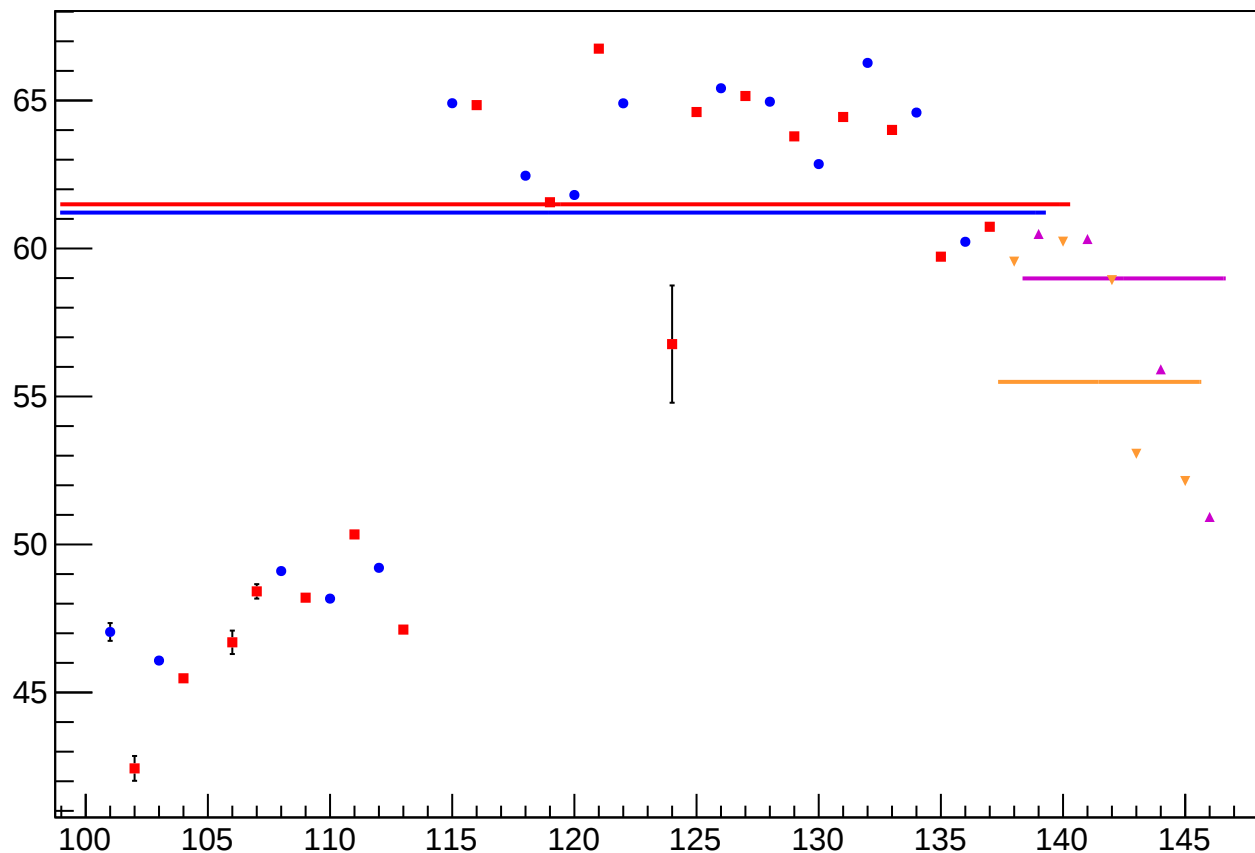
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -52.214 ± 0.003 χ^2/NDF : 37129.4/18

Out: -52.466 ± 0.001 χ^2/NDF : 67336.1/22

All: -52.439 ± 0.001 χ^2/NDF : 110425.0/41

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.494 $\pm$ 0.007 χ^2/NDF :186482.0/4

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 58.989 $\pm$ 0.022 χ^2/NDF :17885.8/3

Left: 55.859 $\pm$ 0.007 χ^2/NDF : 227352.7/8

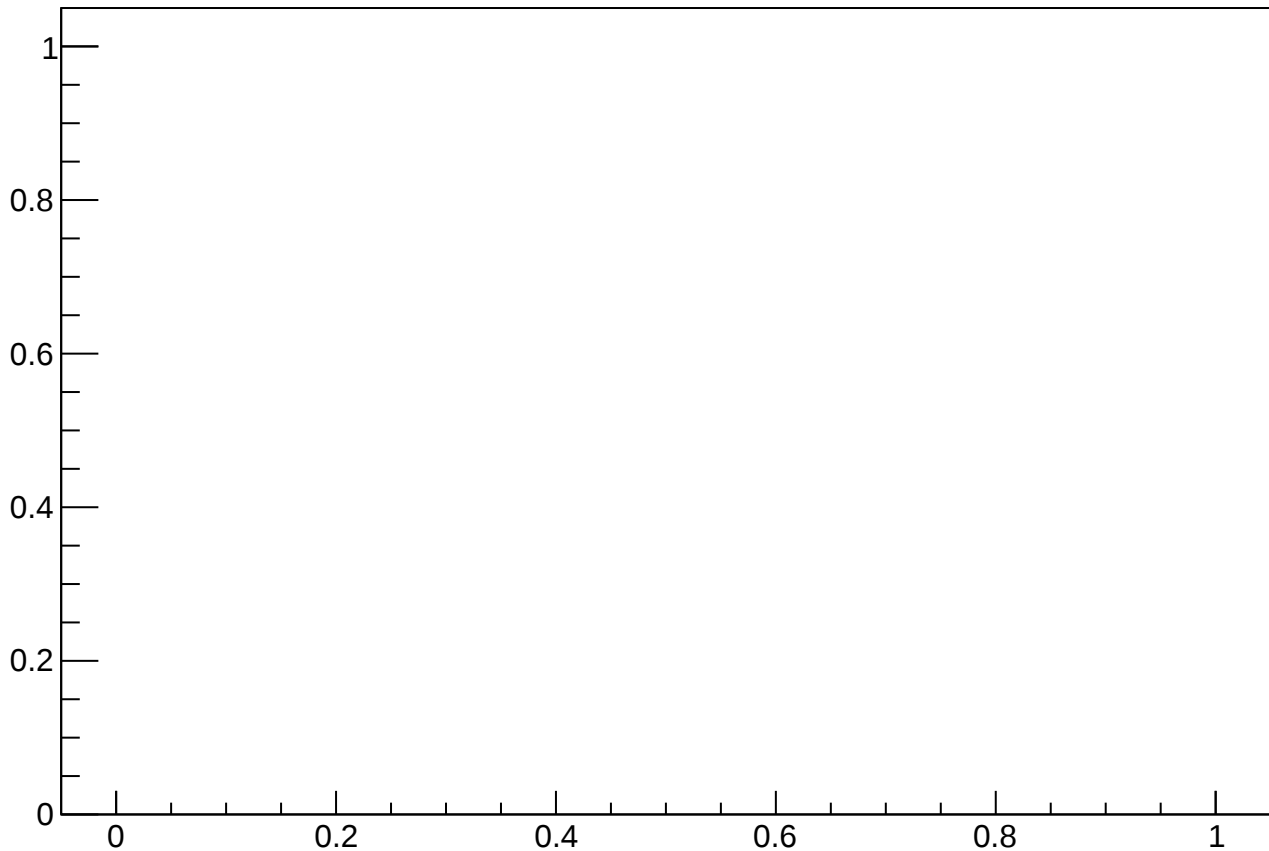
Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 60.831 $\pm$ 0.009 χ^2/NDF :183124.0/18

Out: 58.805 $\pm$ 0.005 χ^2/NDF :787360.1/22

All: 59.279 $\pm$ 0.004 χ^2/NDF : 1009018.8/41

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

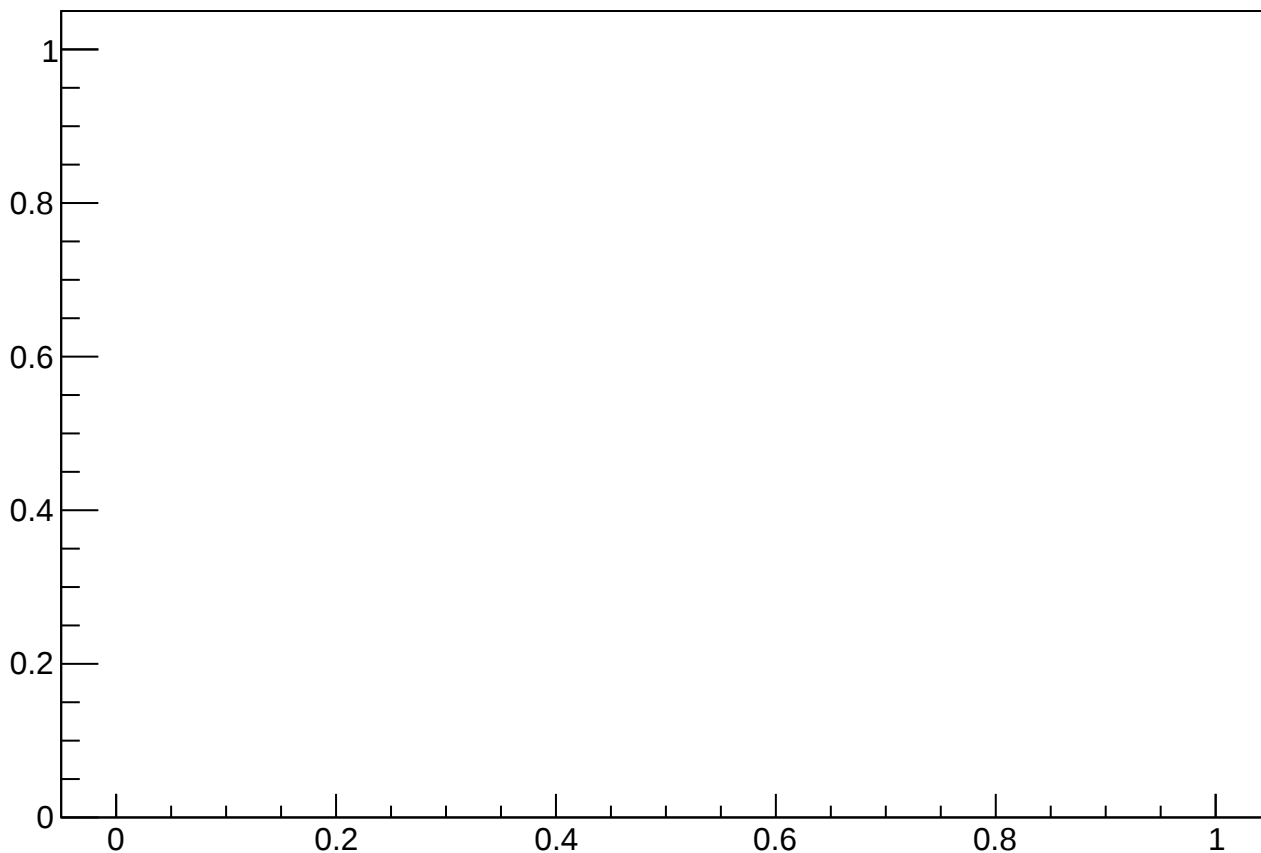
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

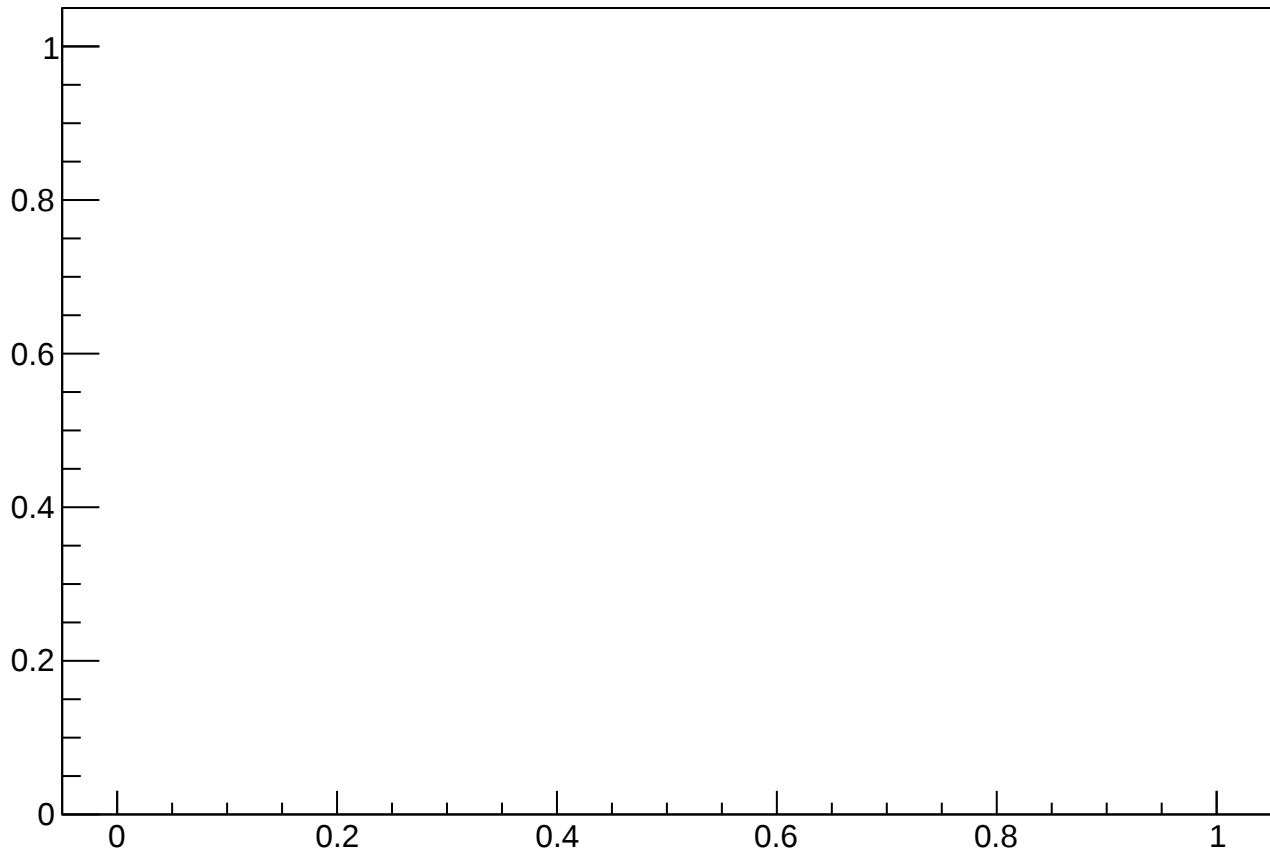
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

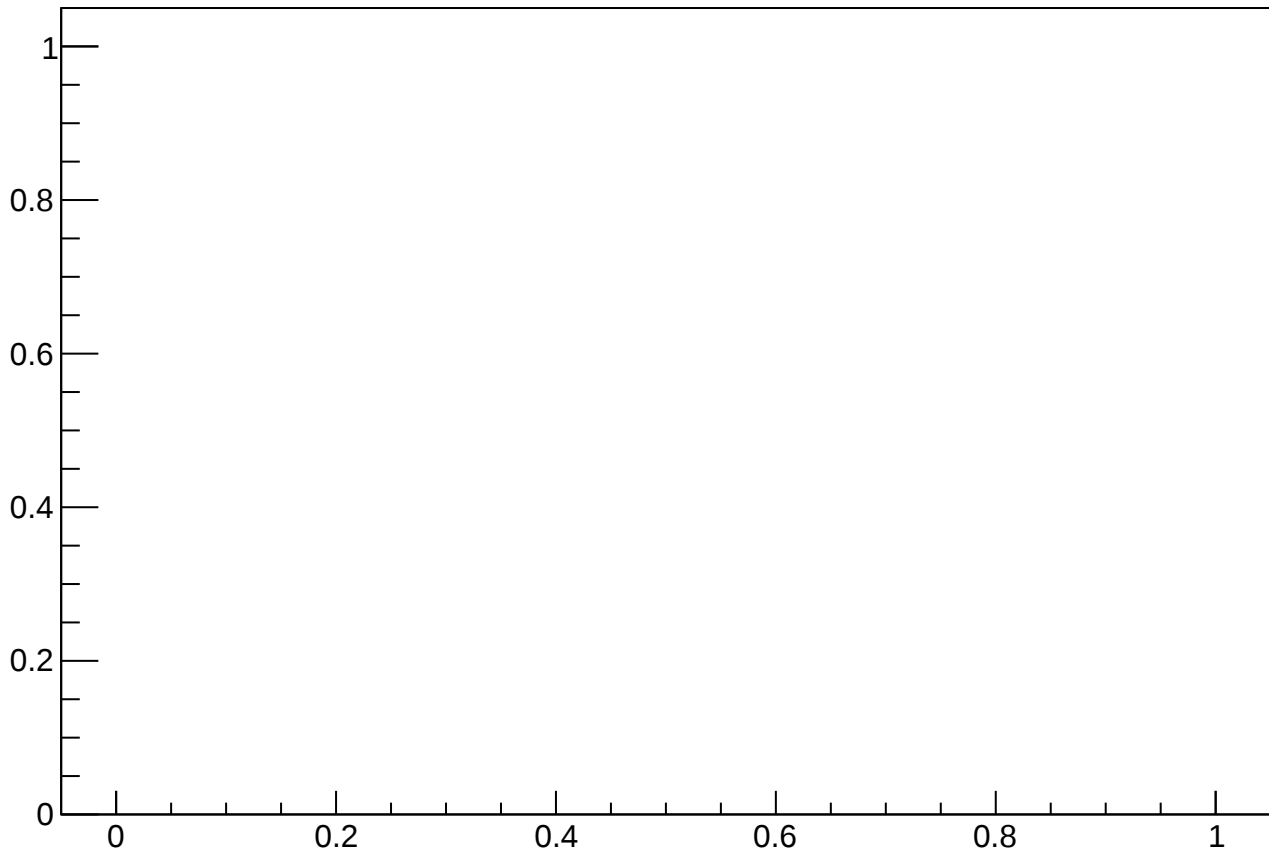
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

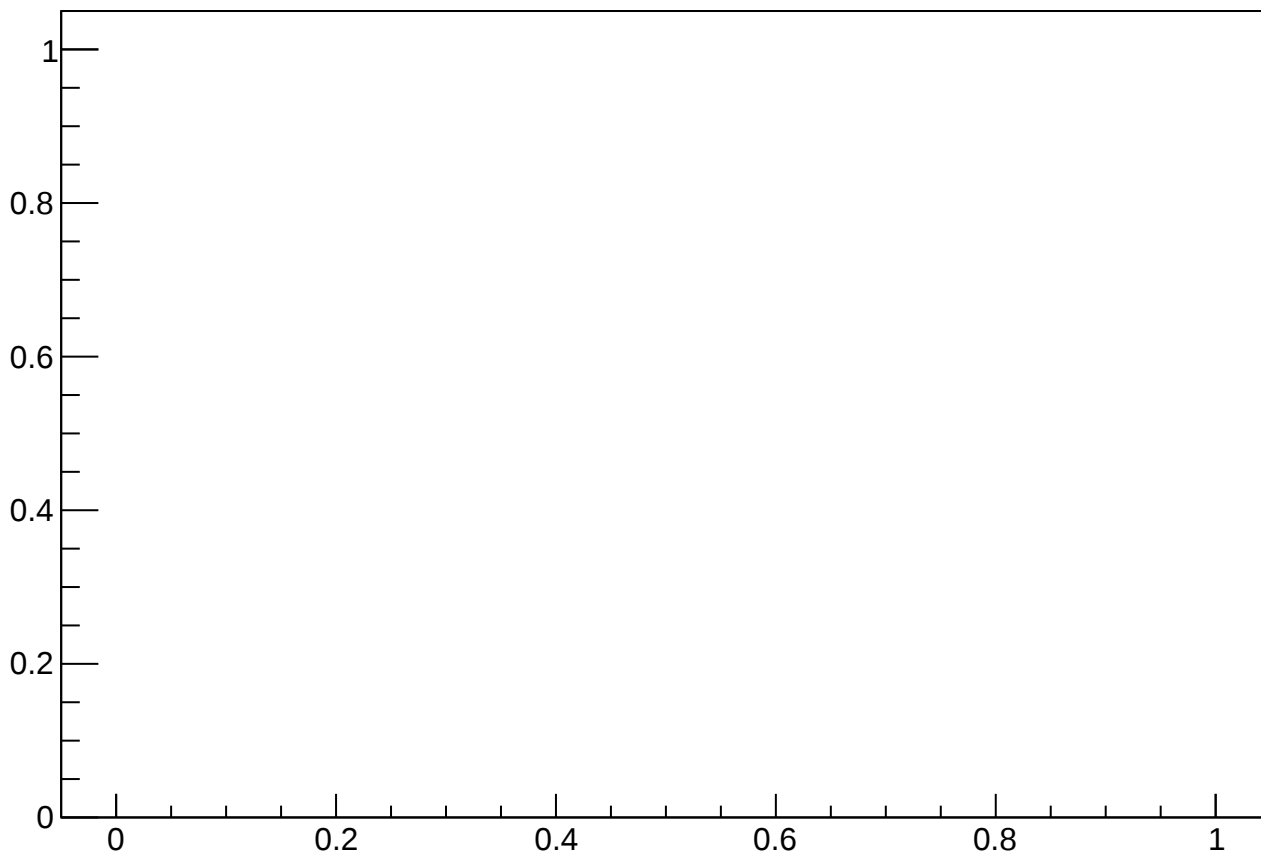
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

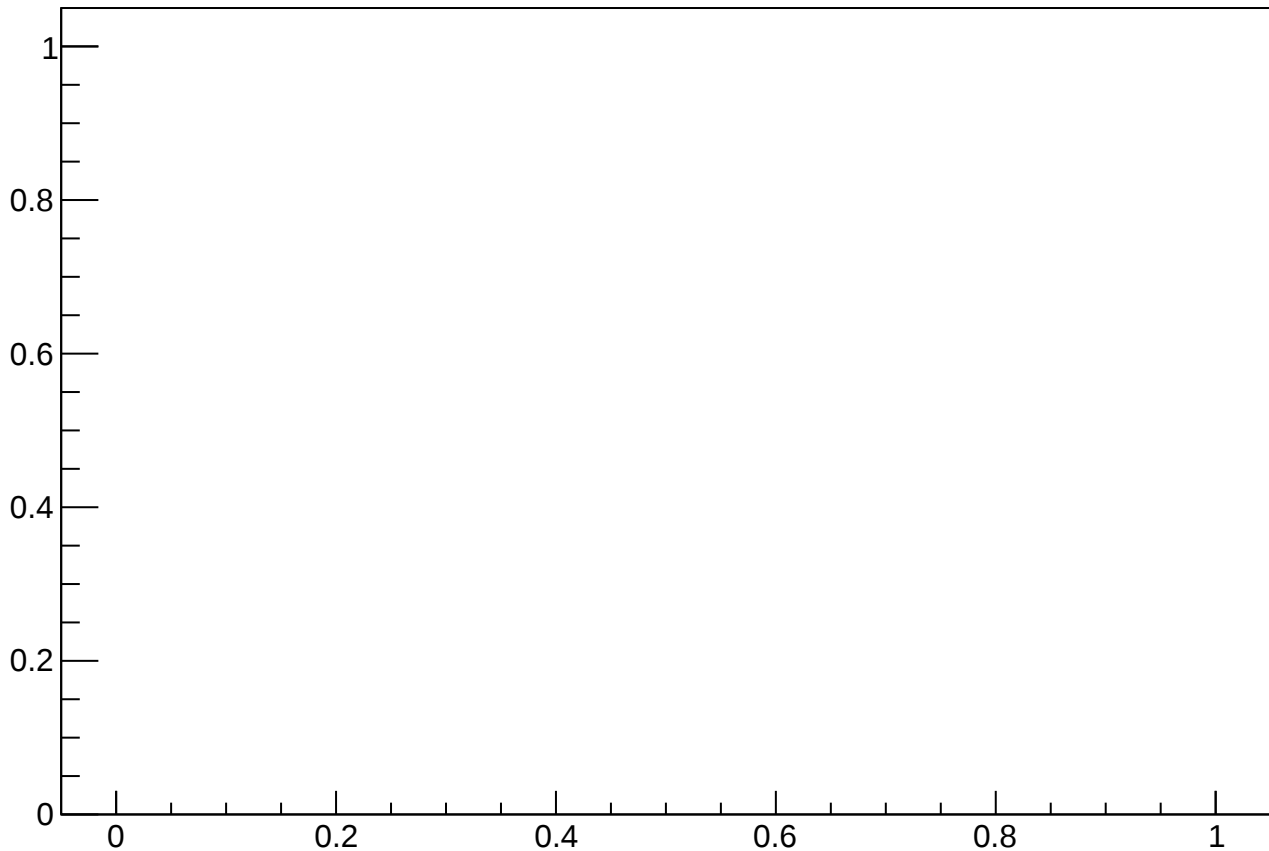
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

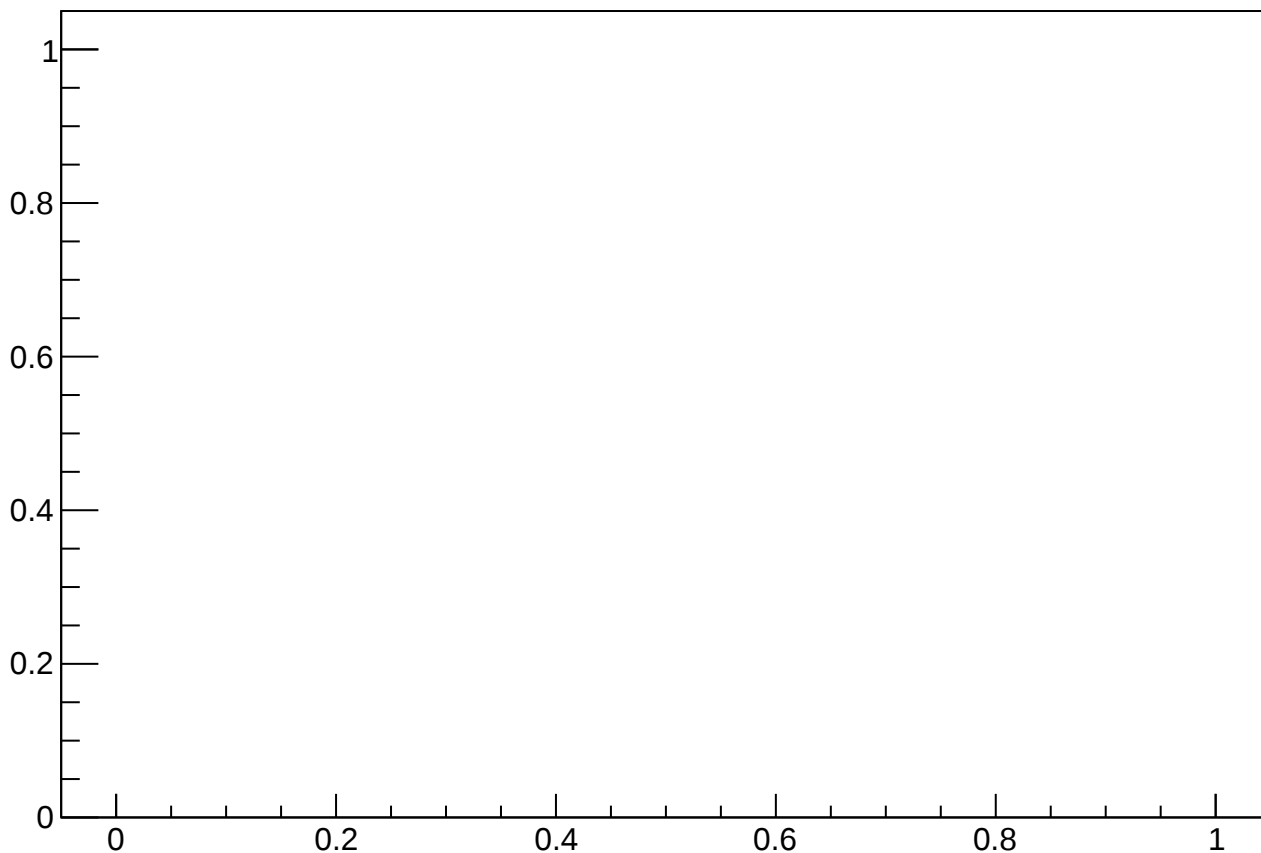
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

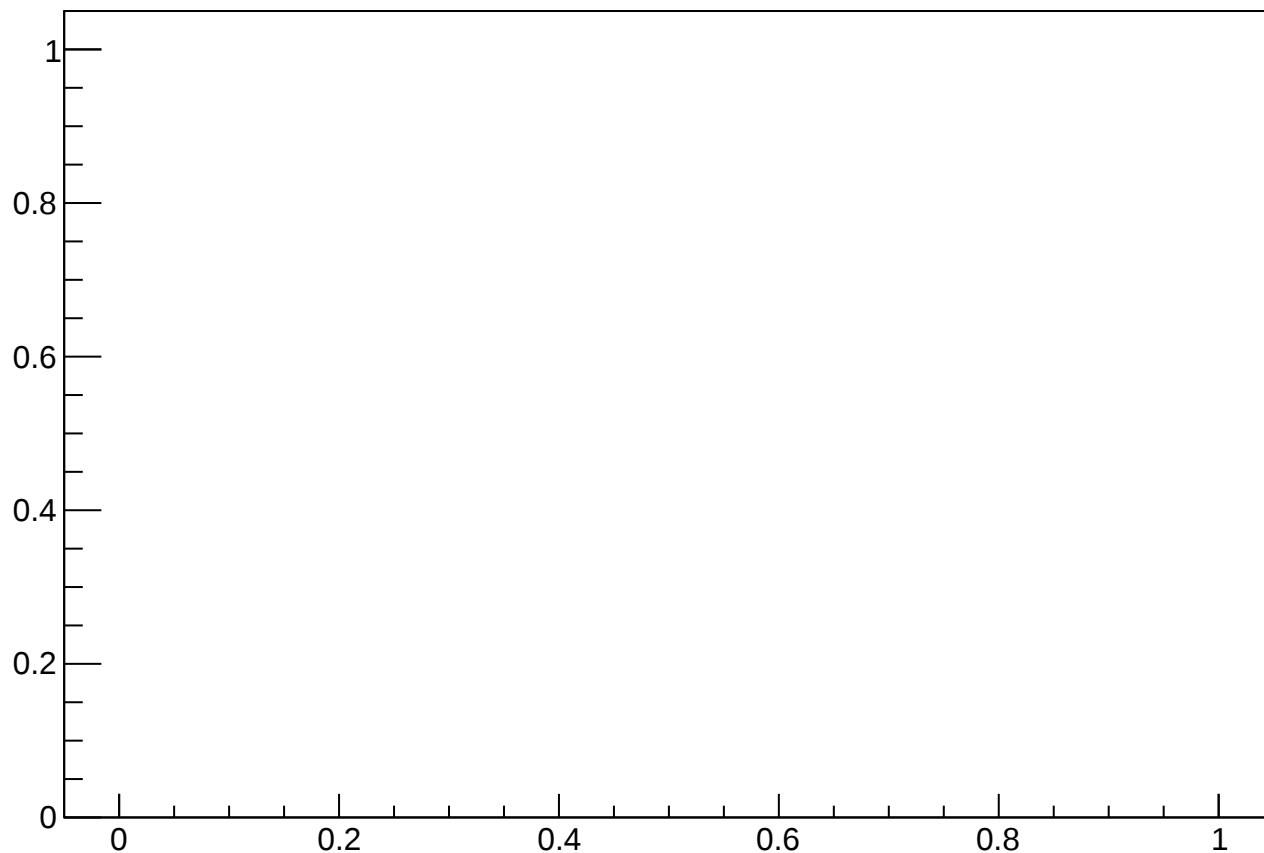
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

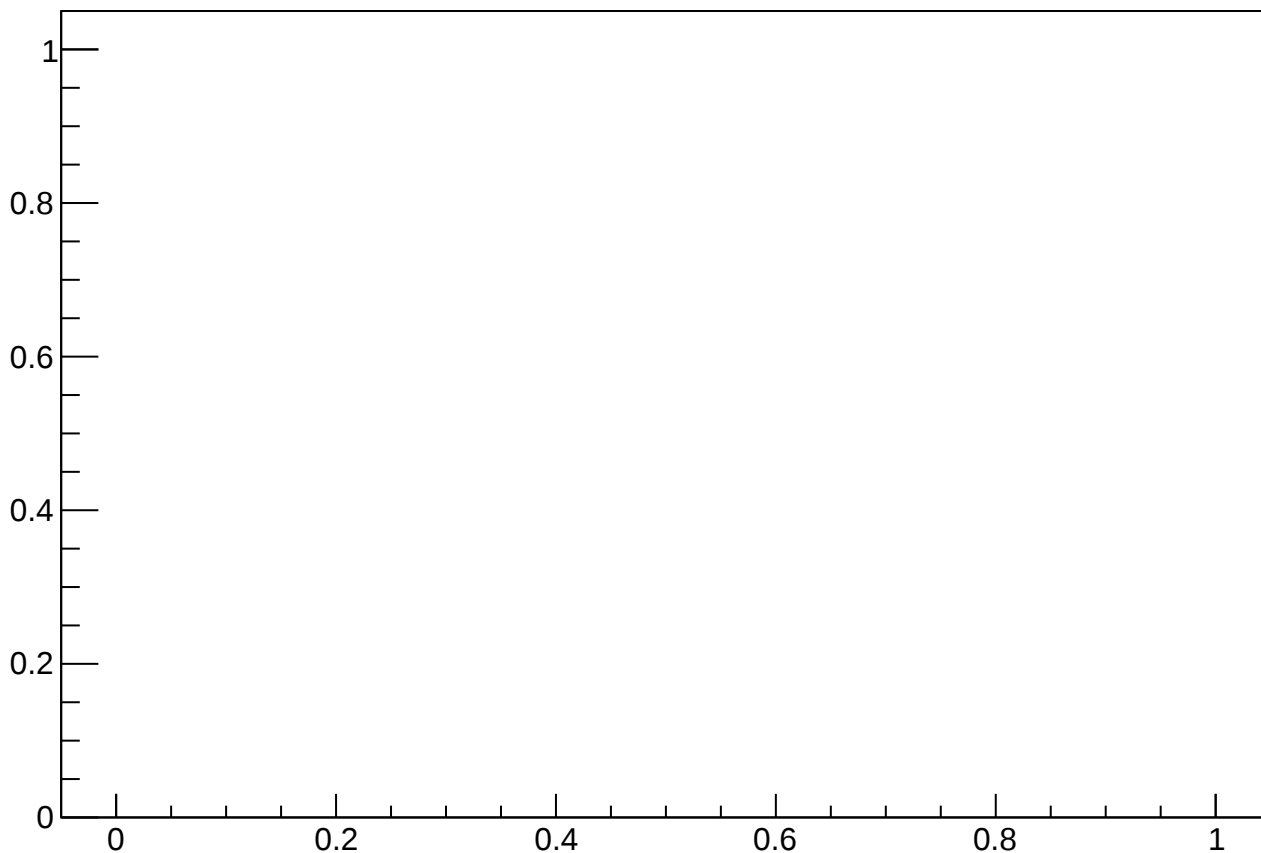
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

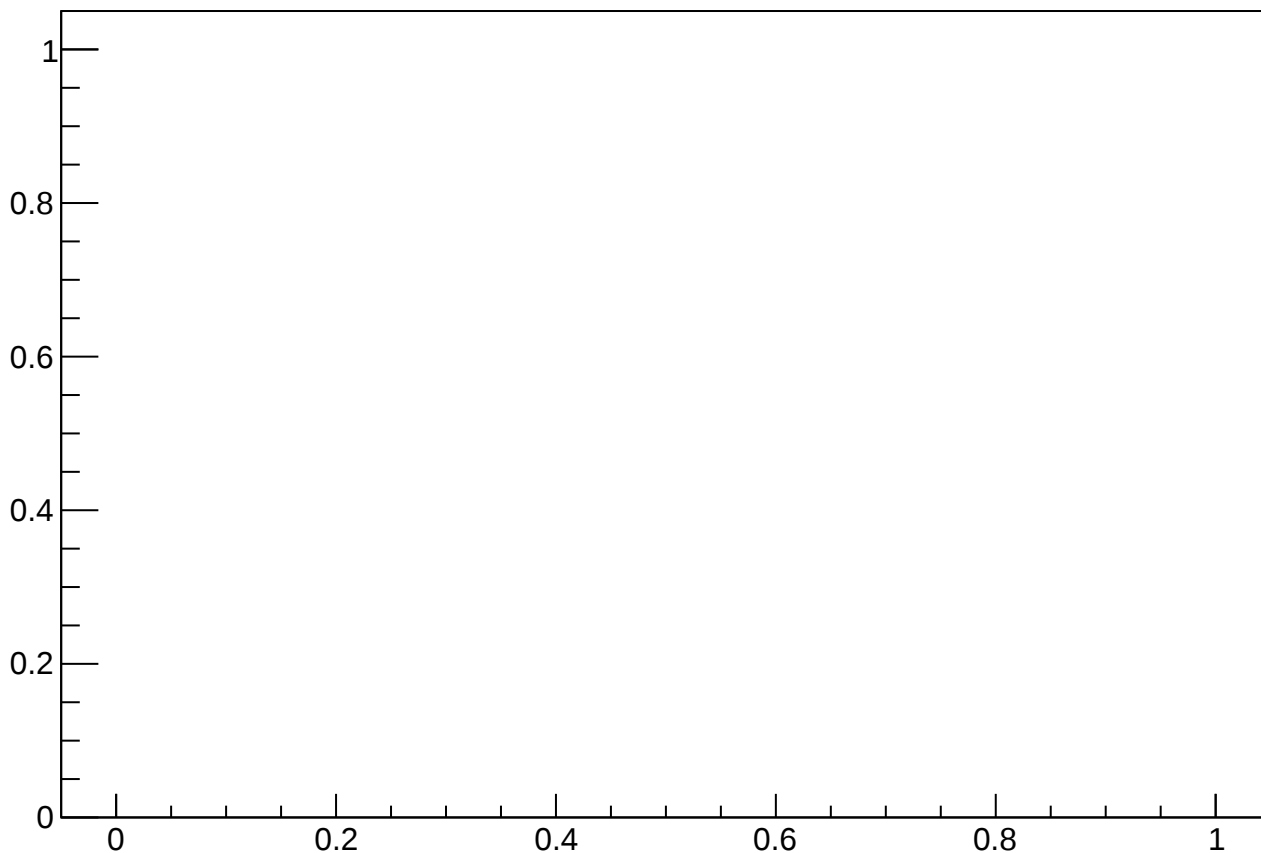
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

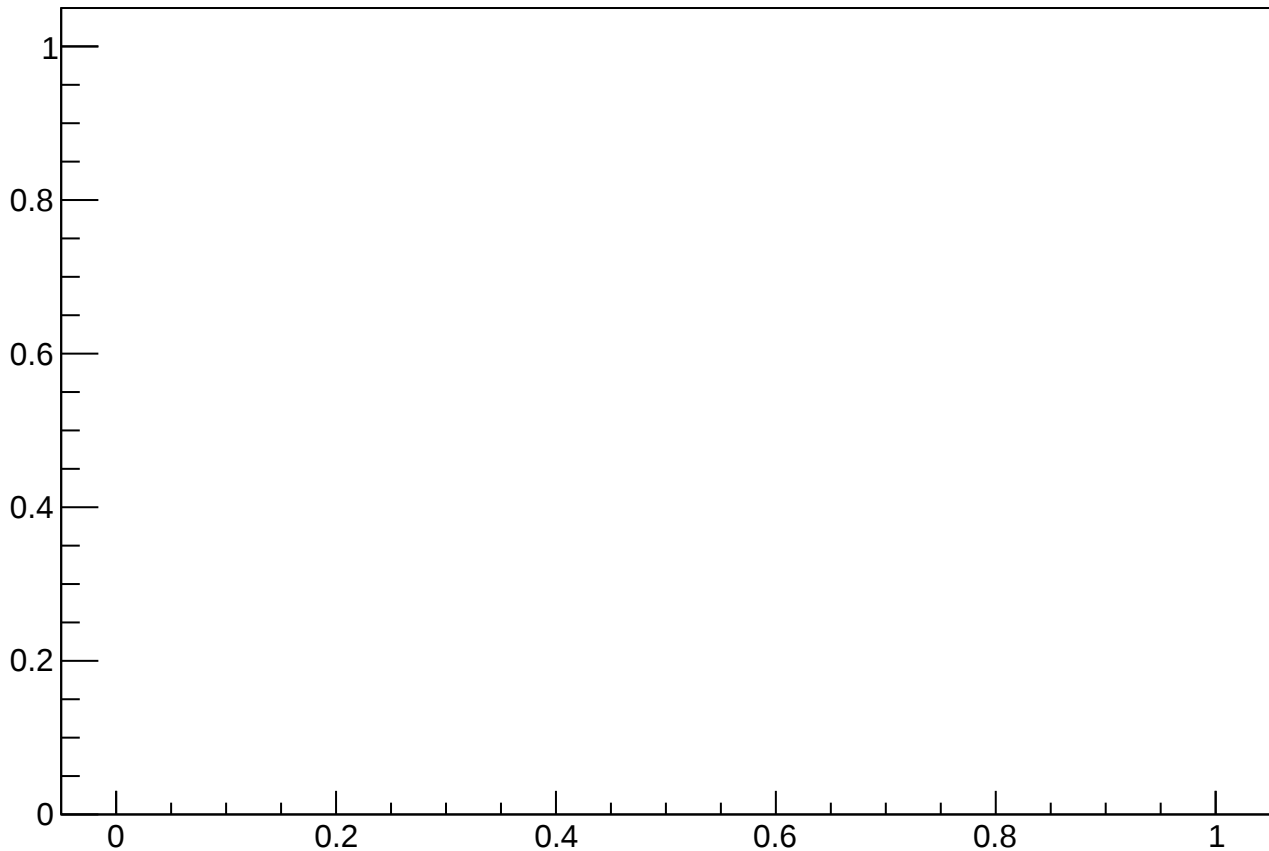
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

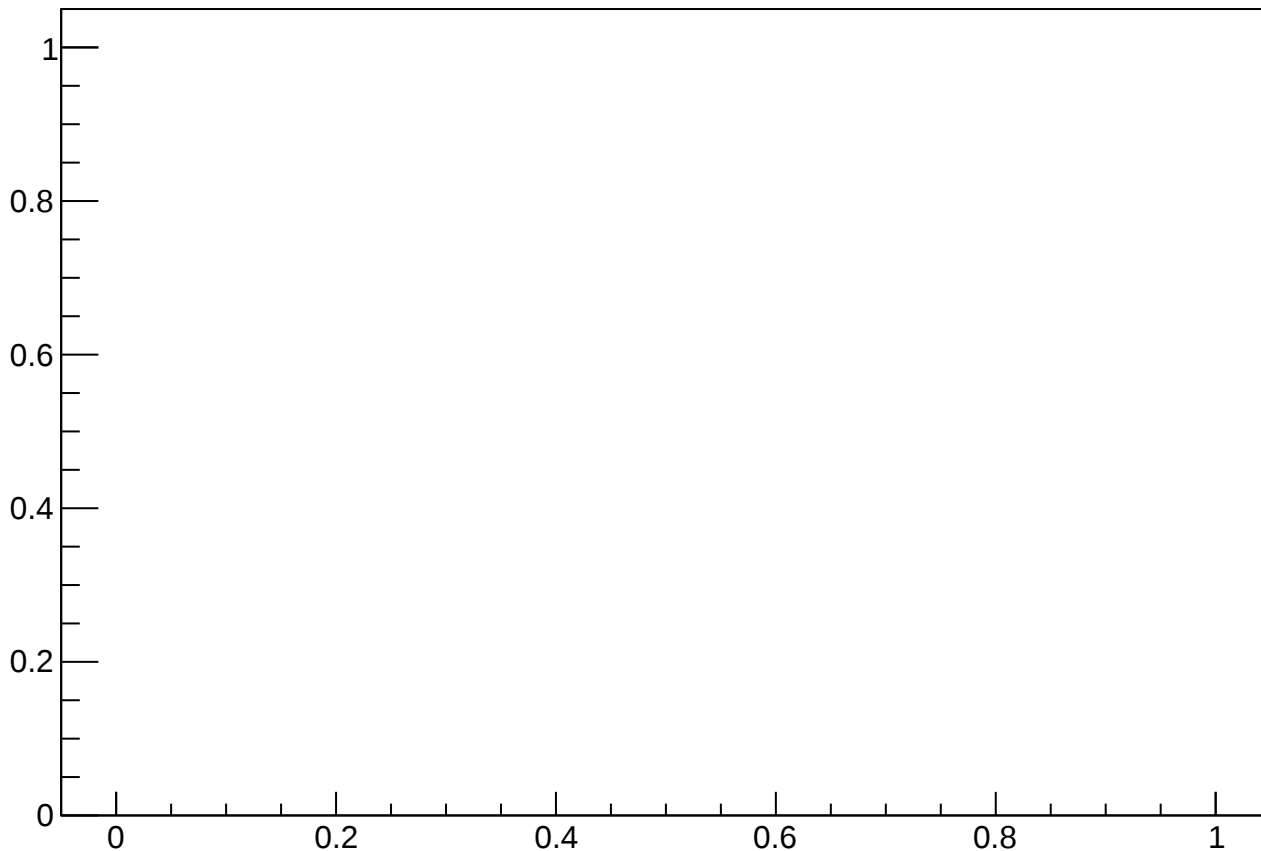
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

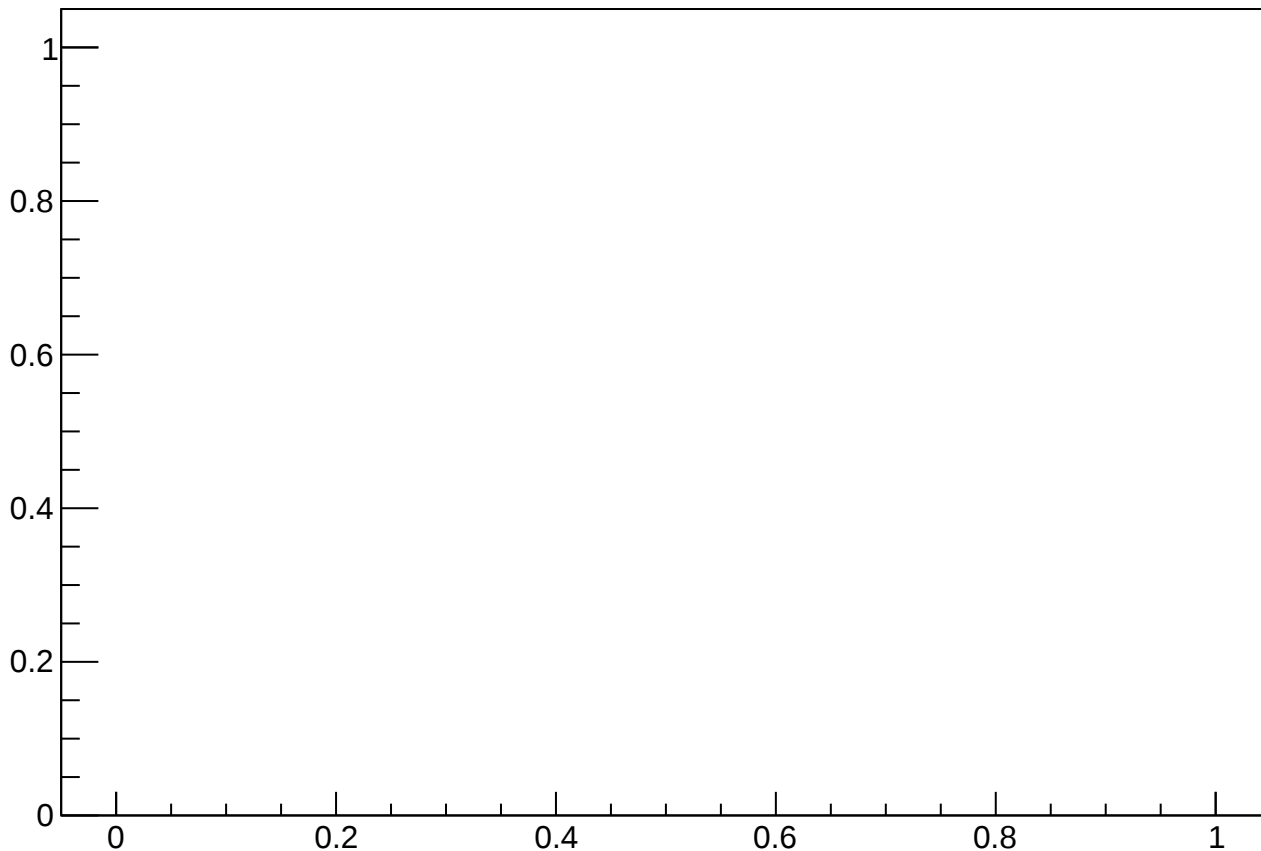
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

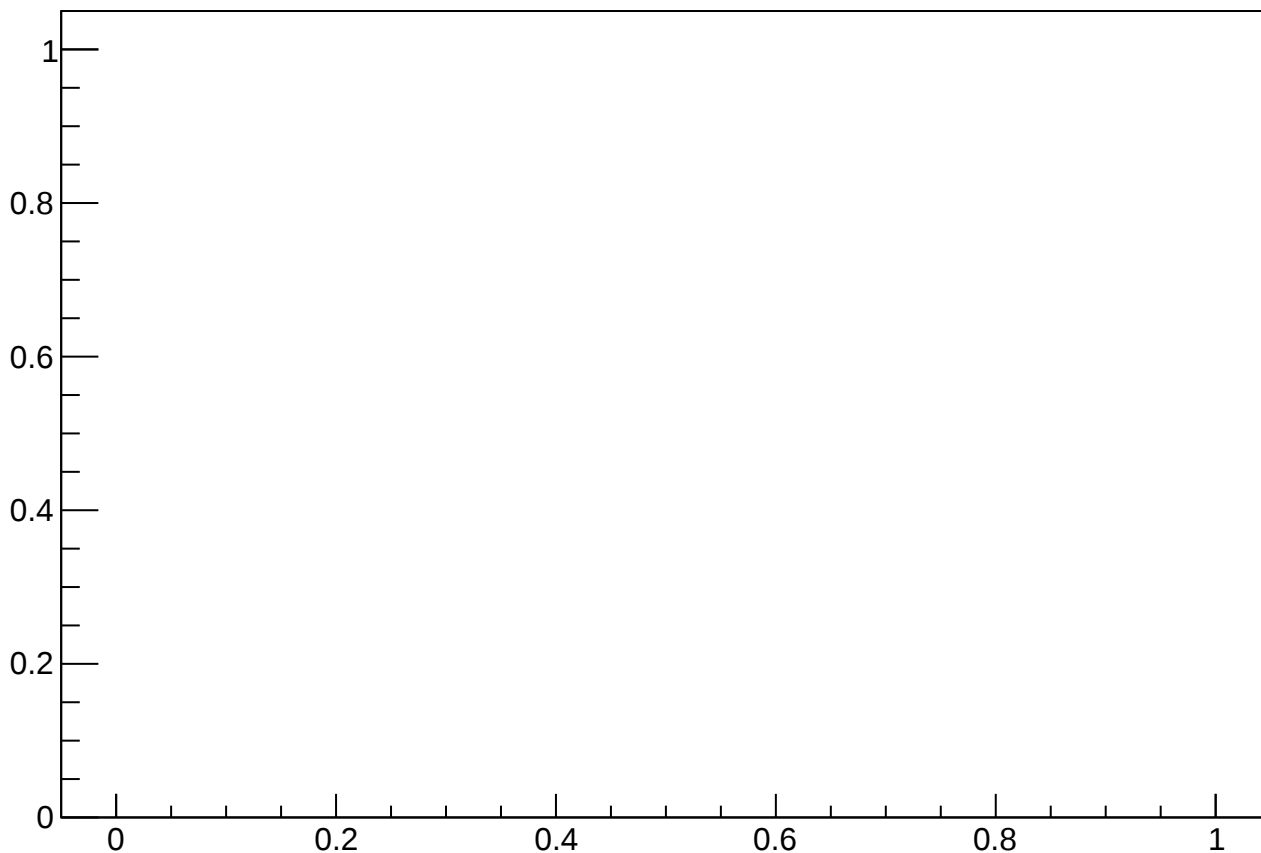
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

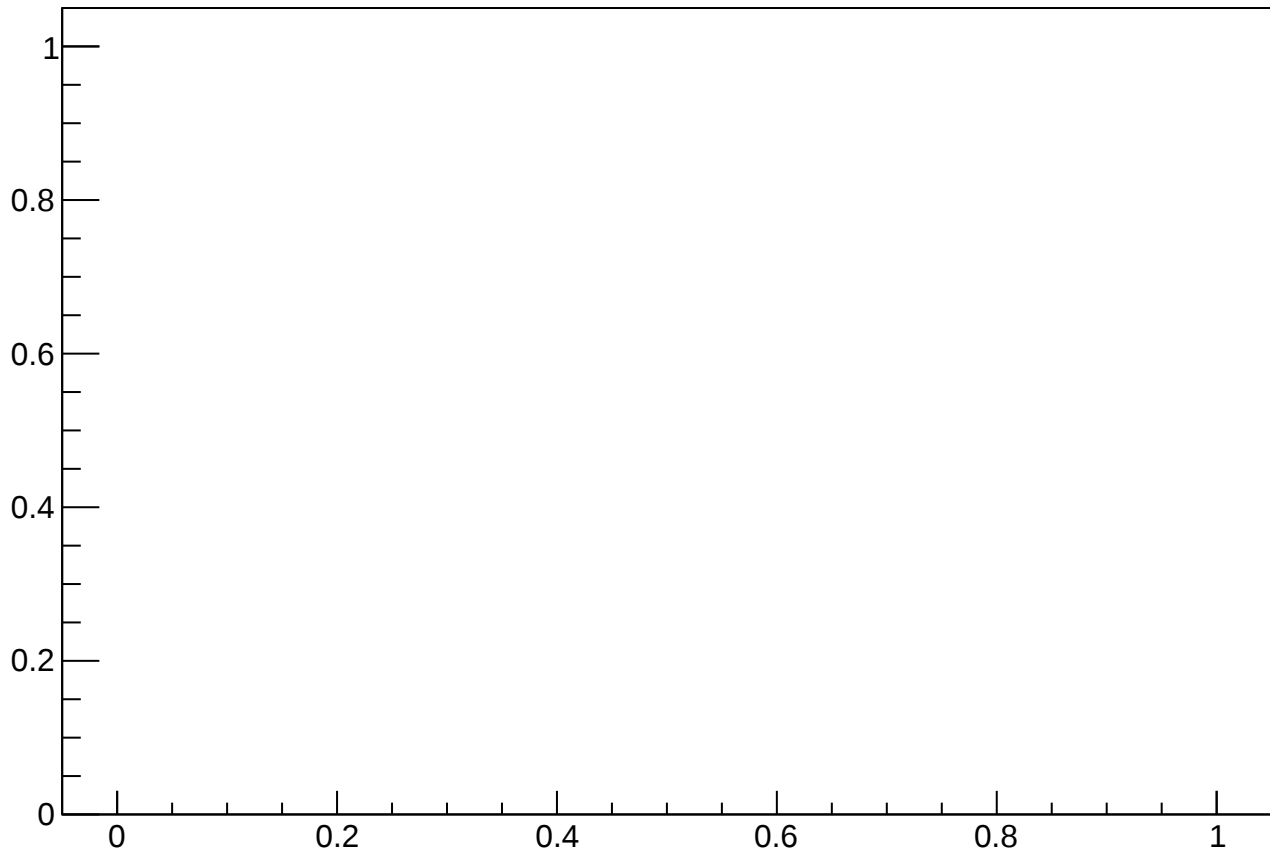
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

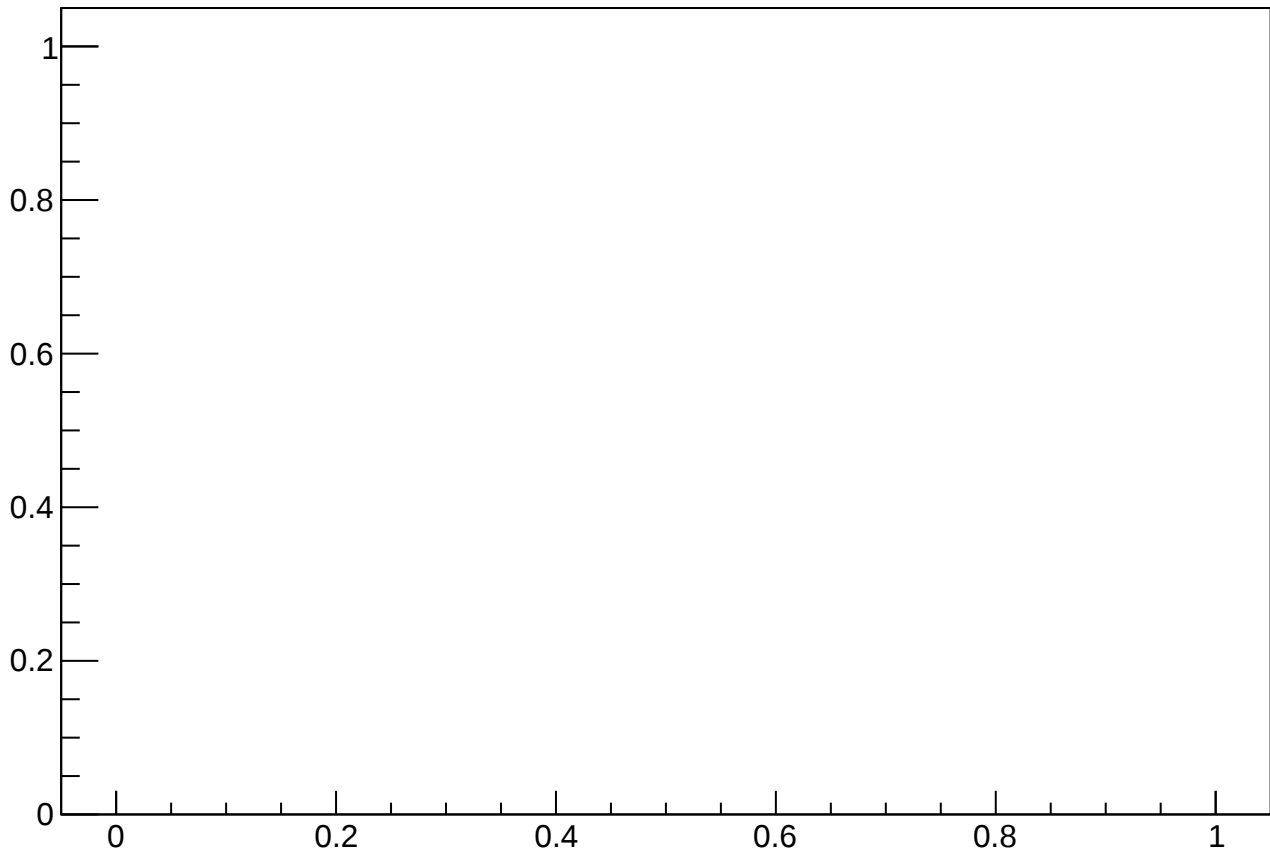
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

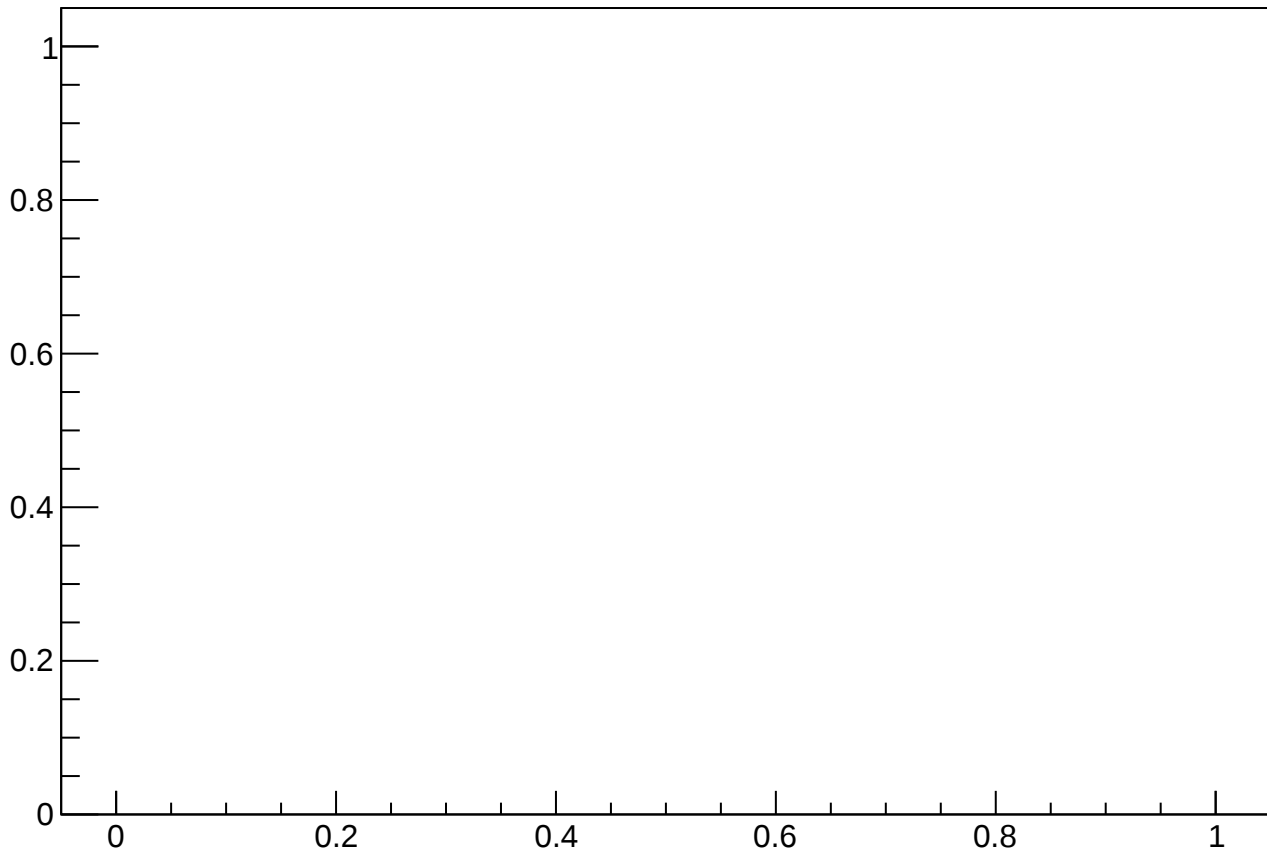
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

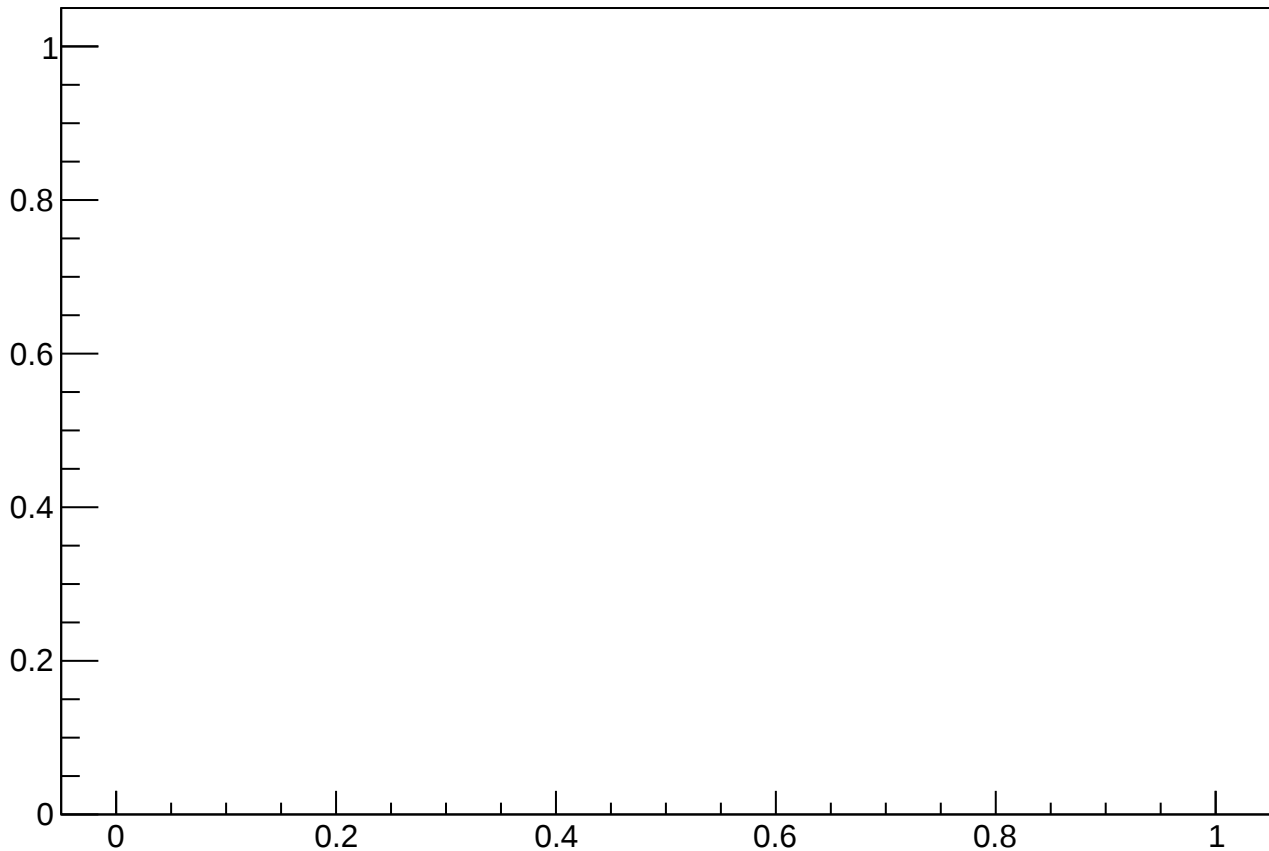
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

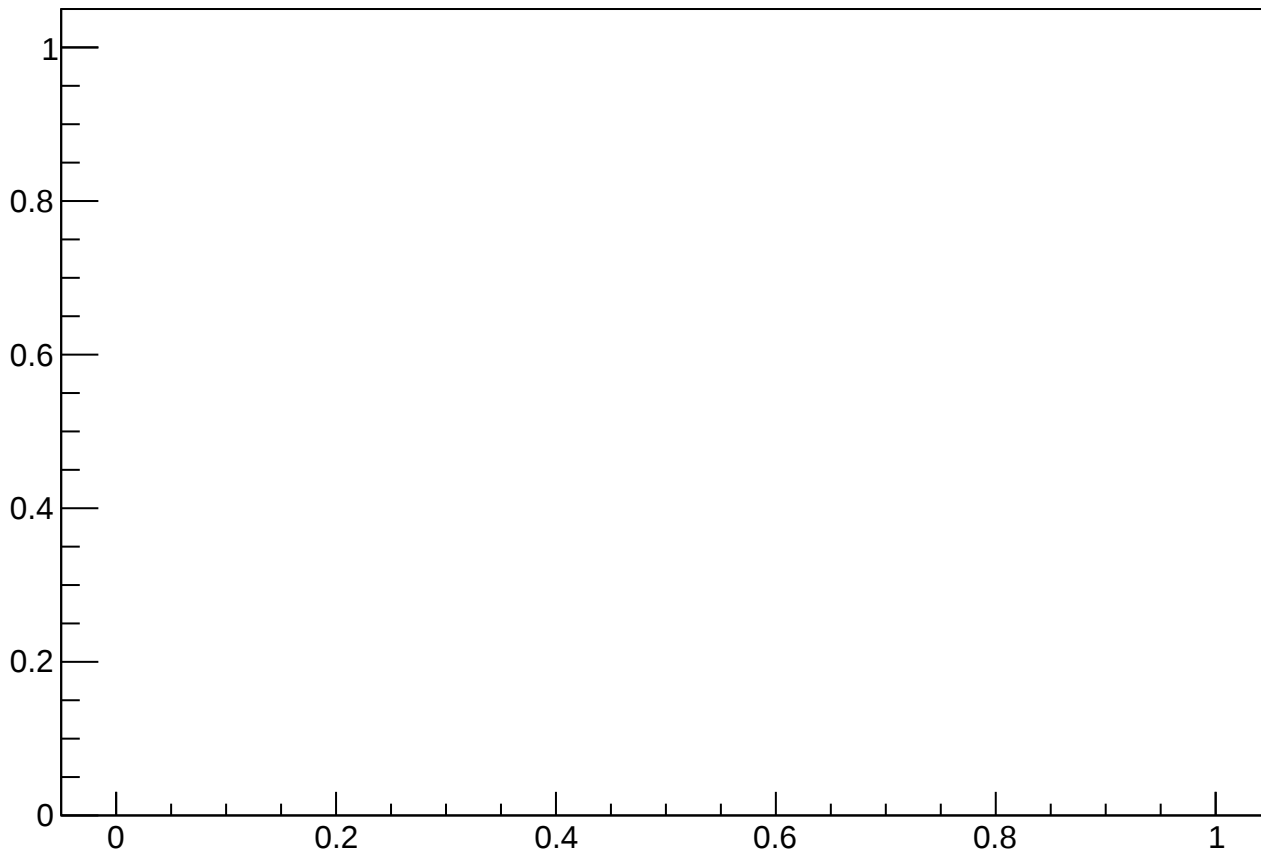
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

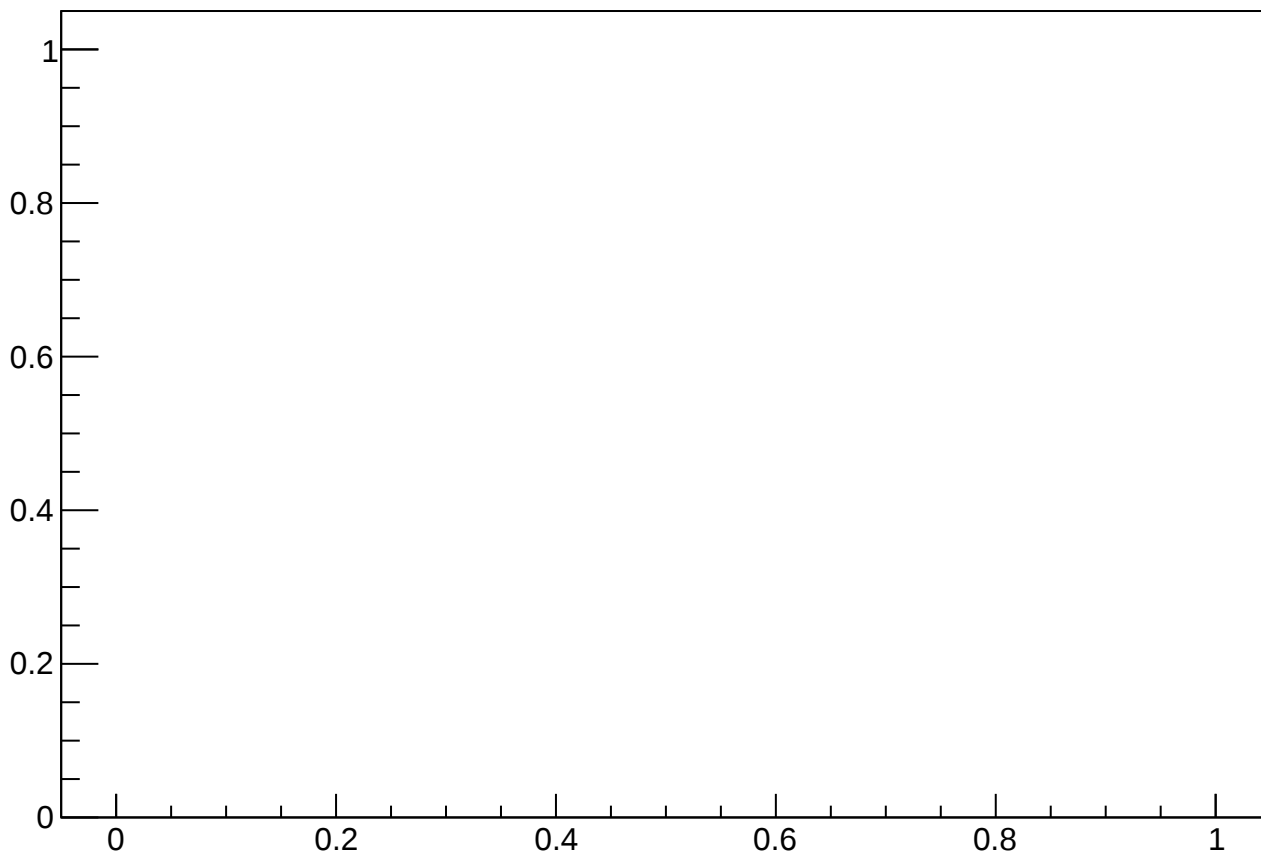
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

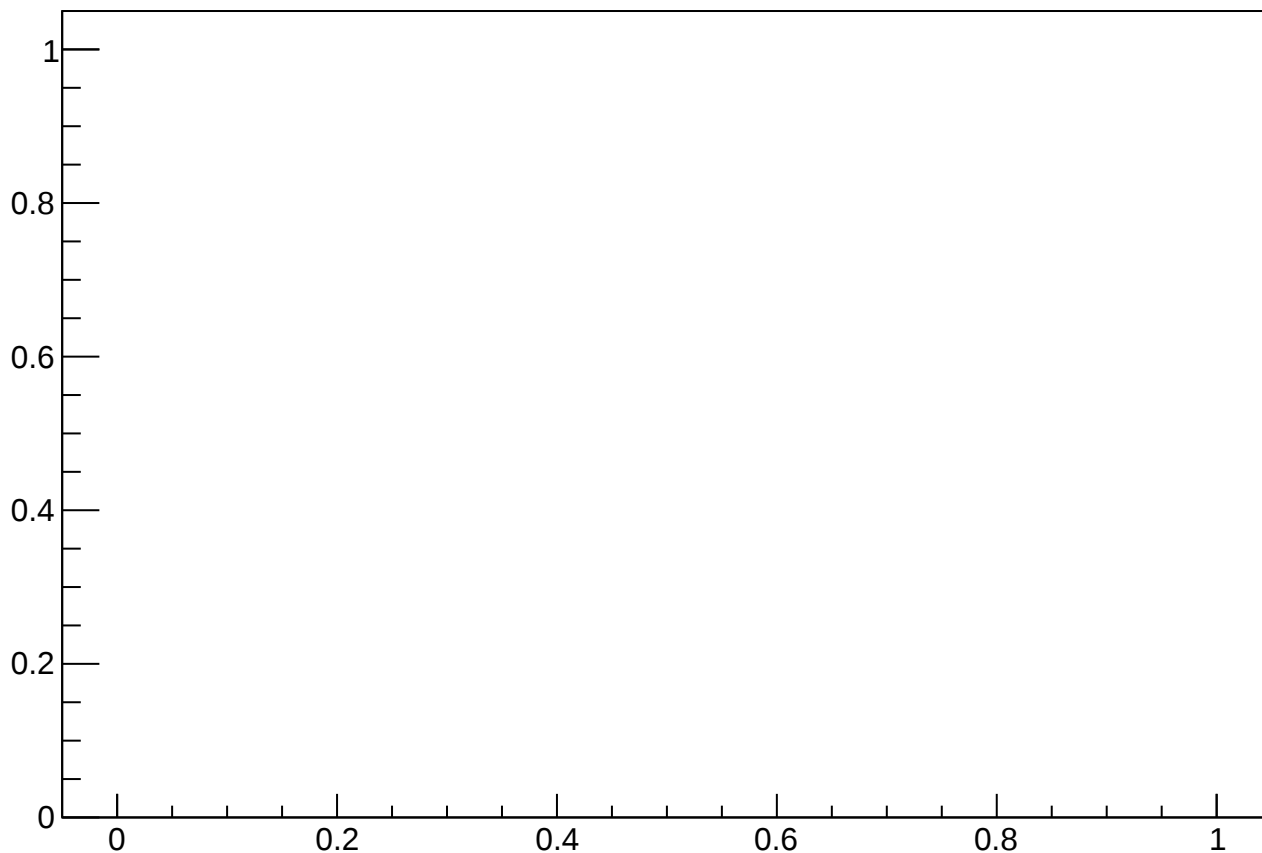
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

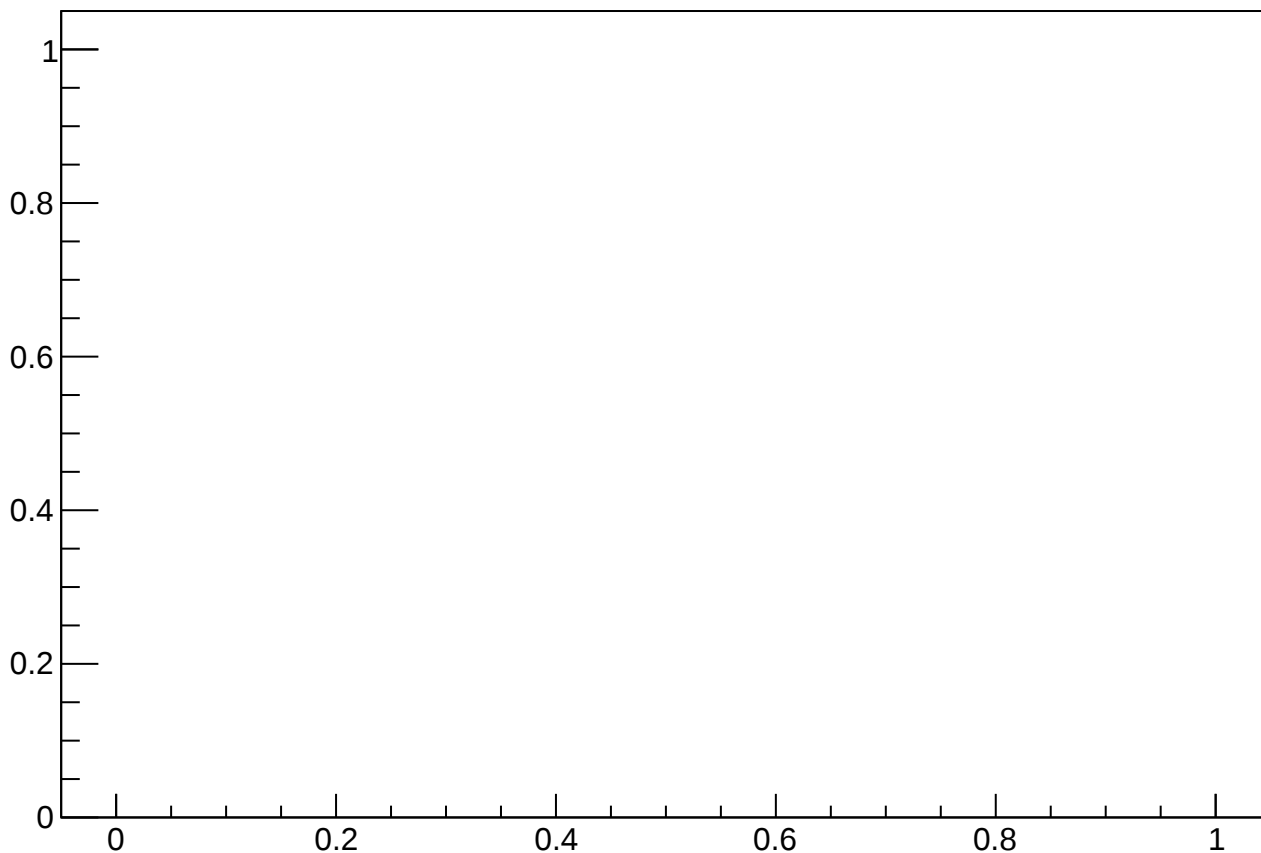
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

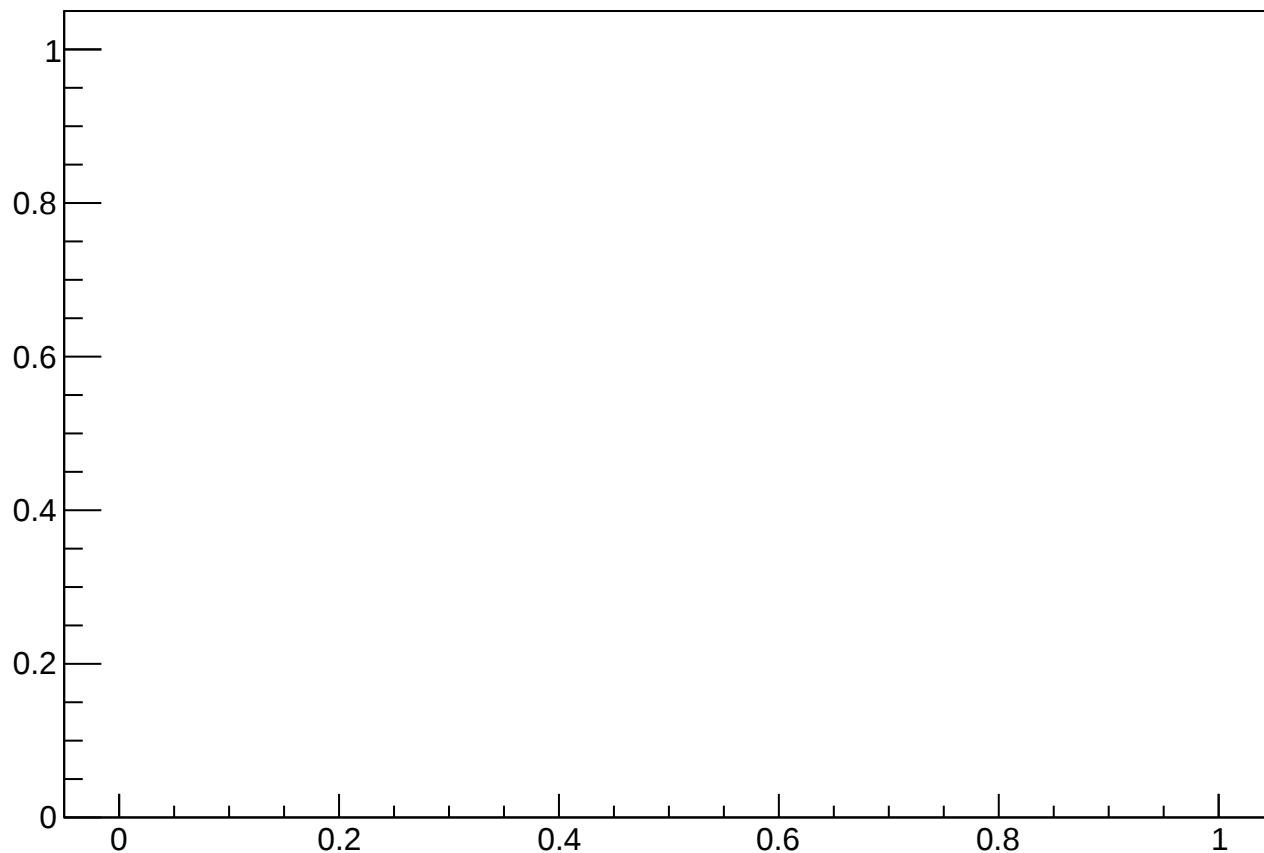
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

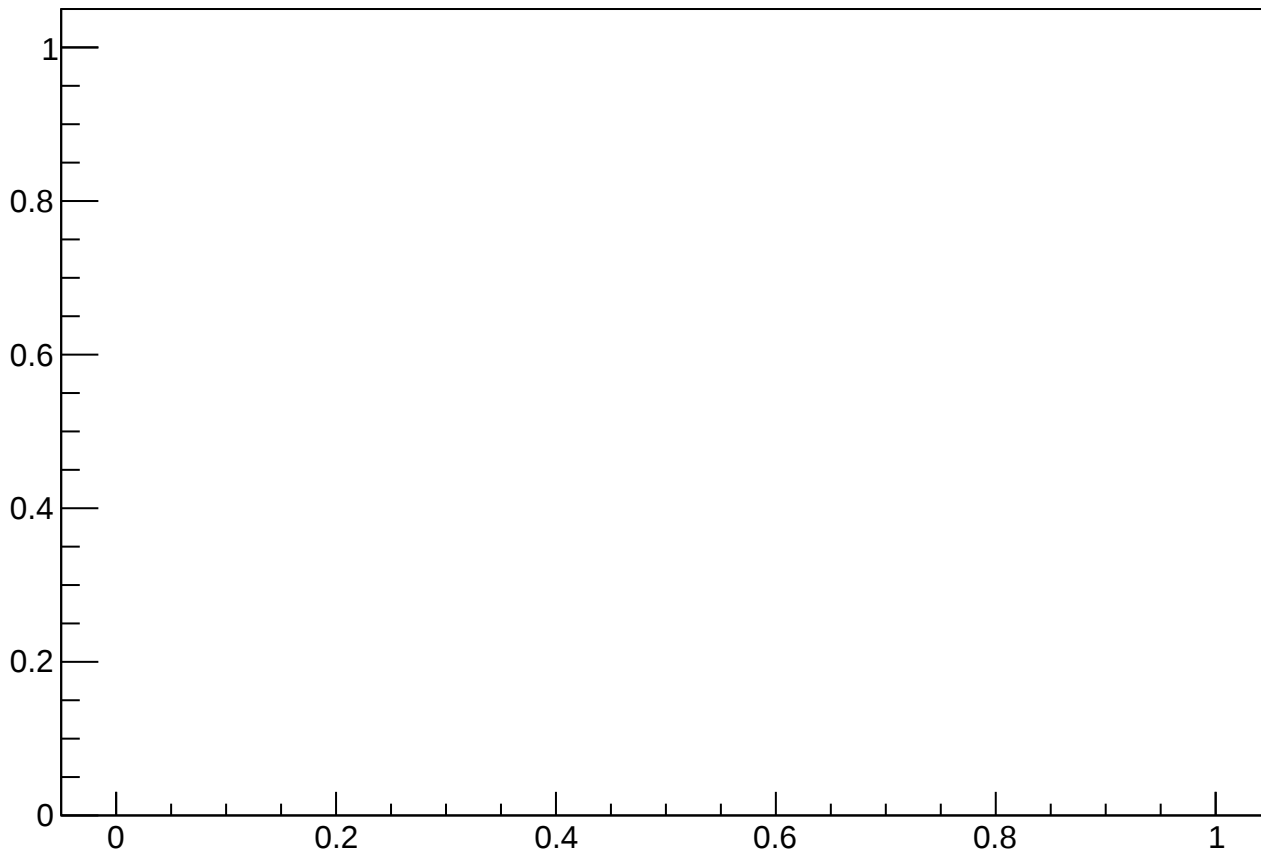
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

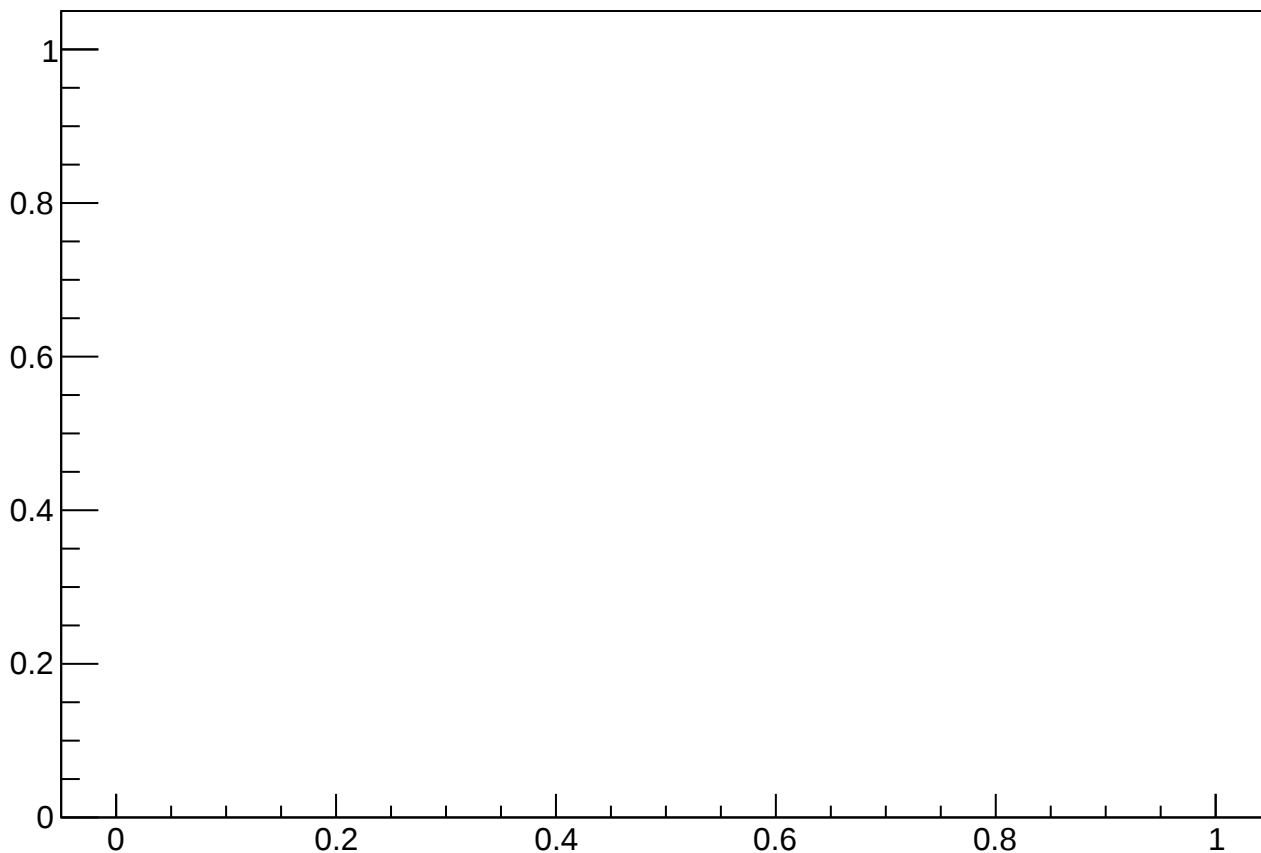
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

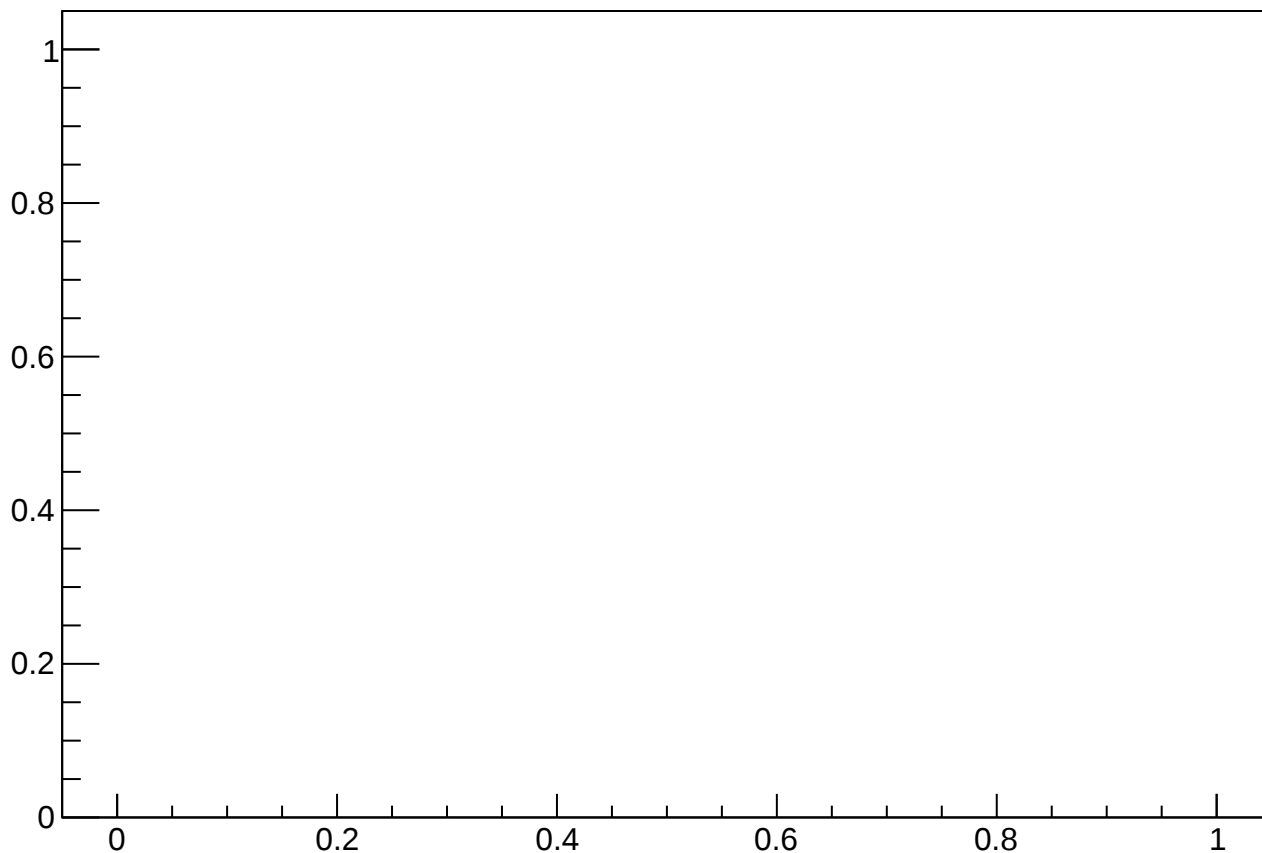
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

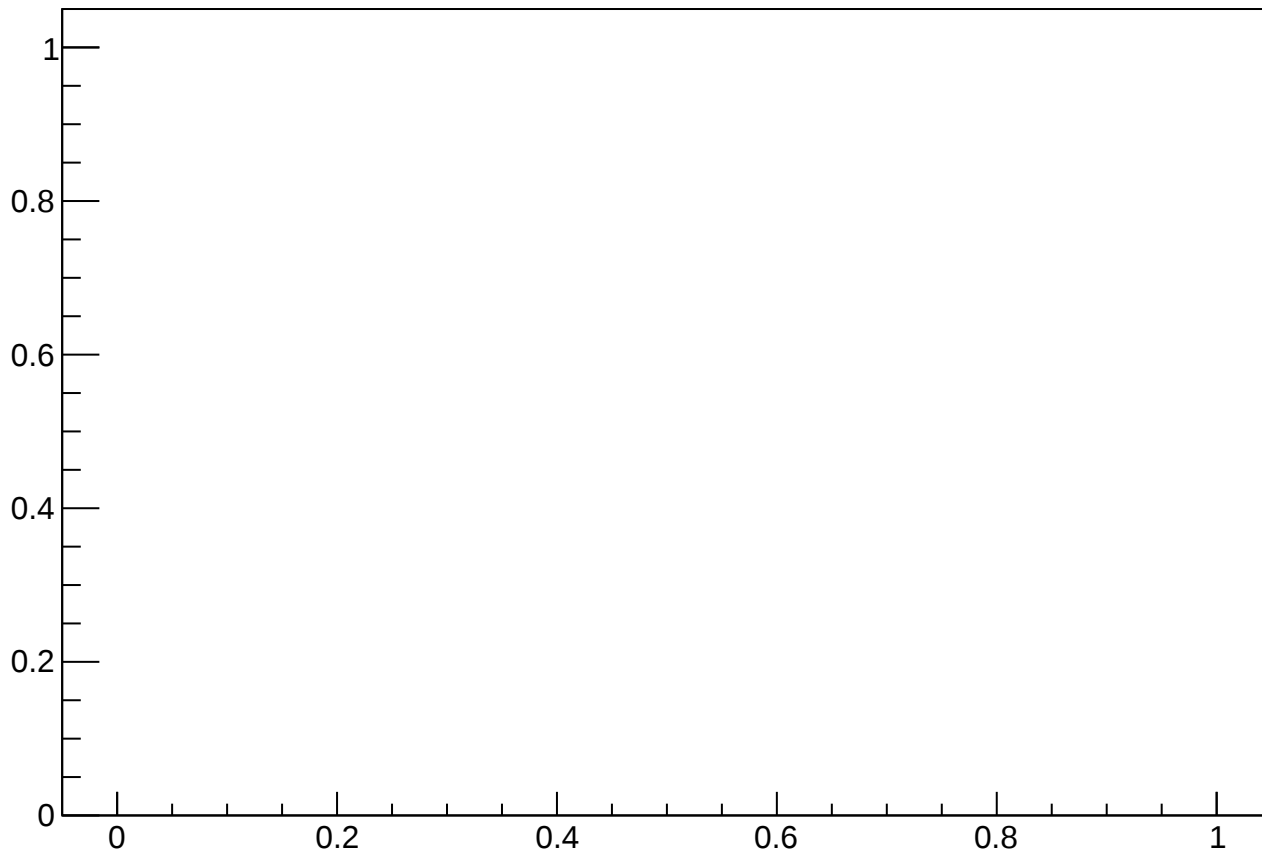
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

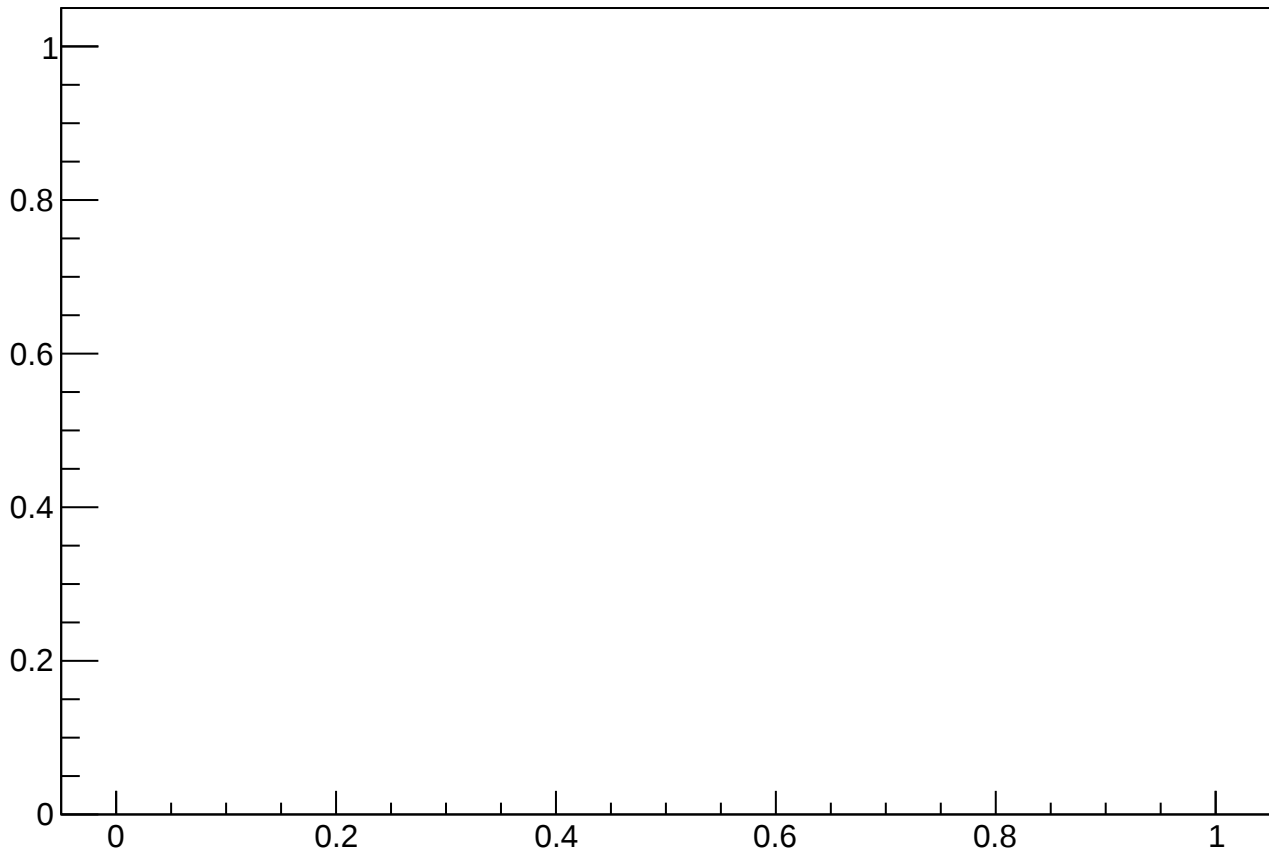
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

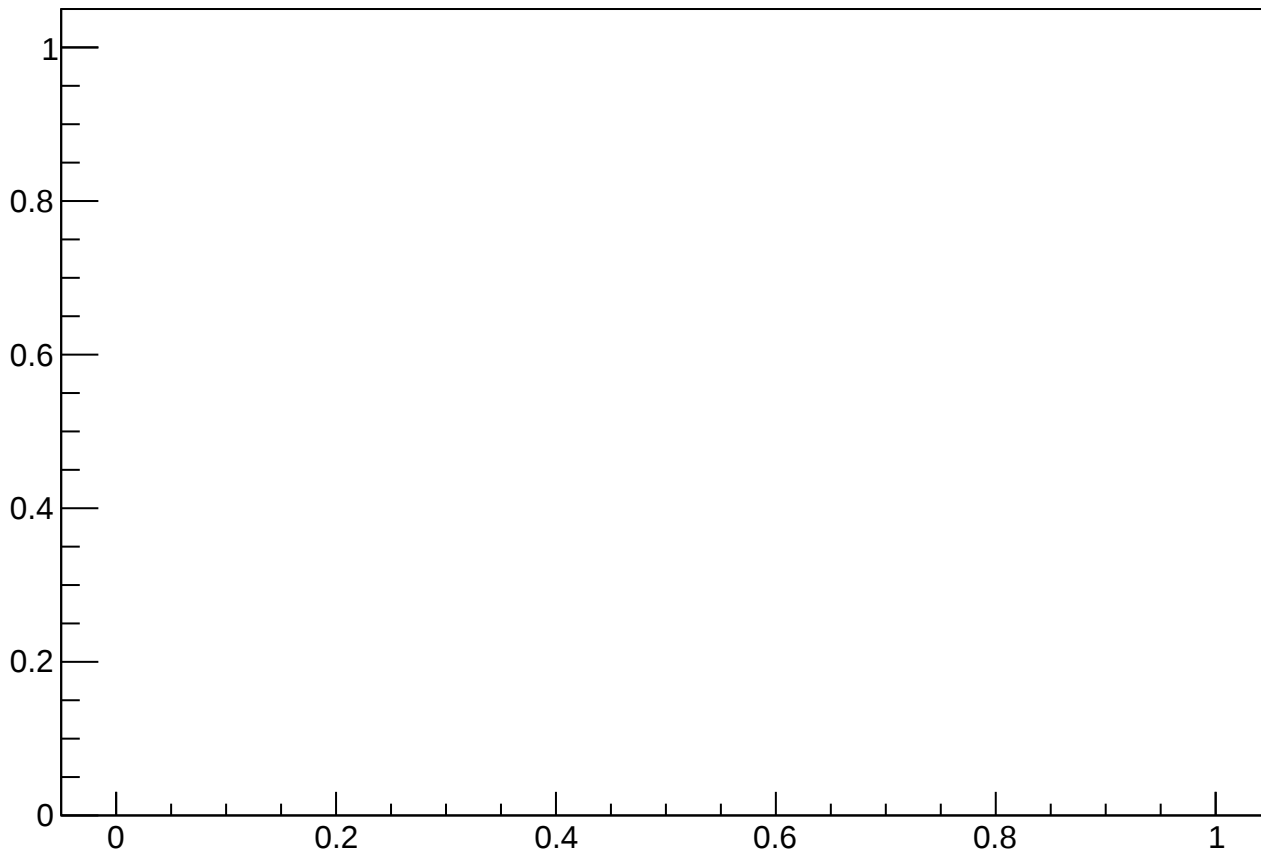
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

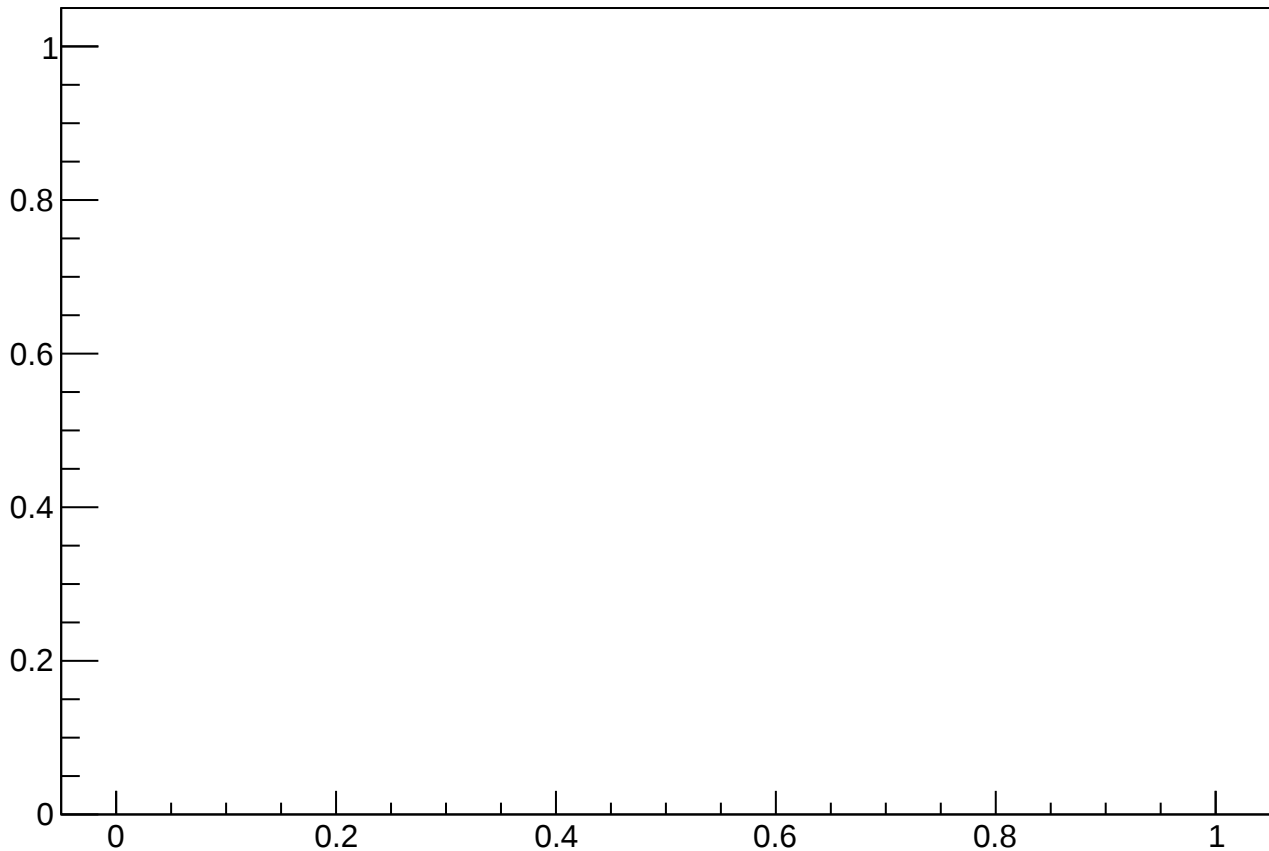
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

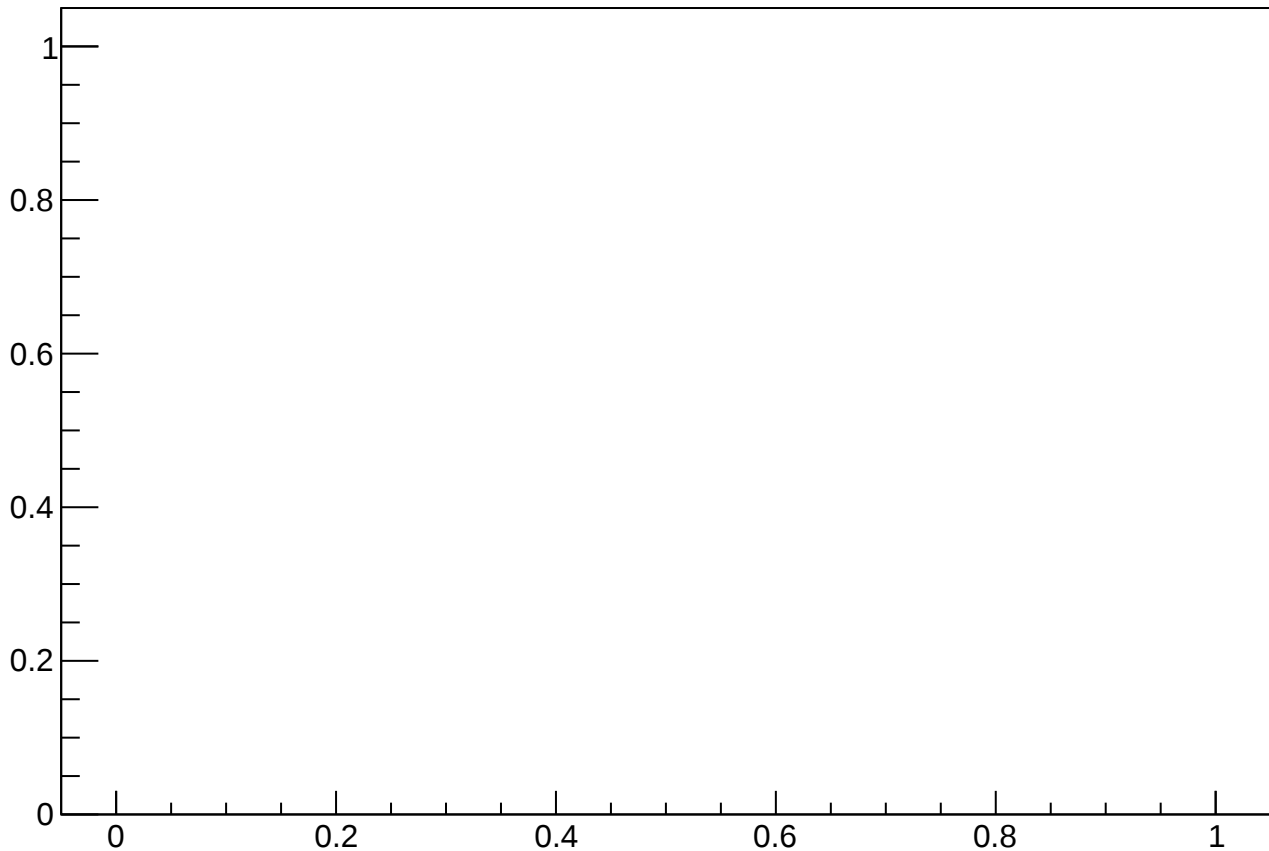
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

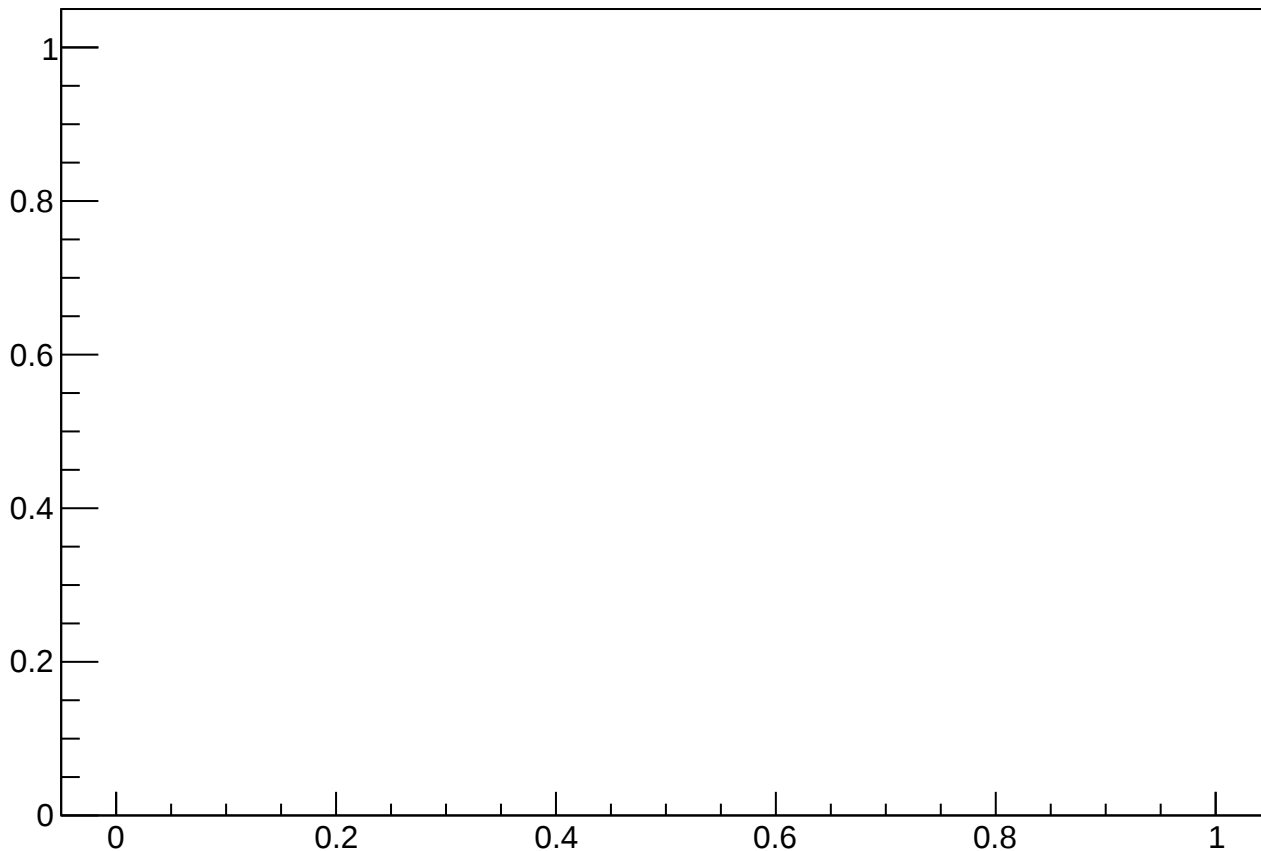
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

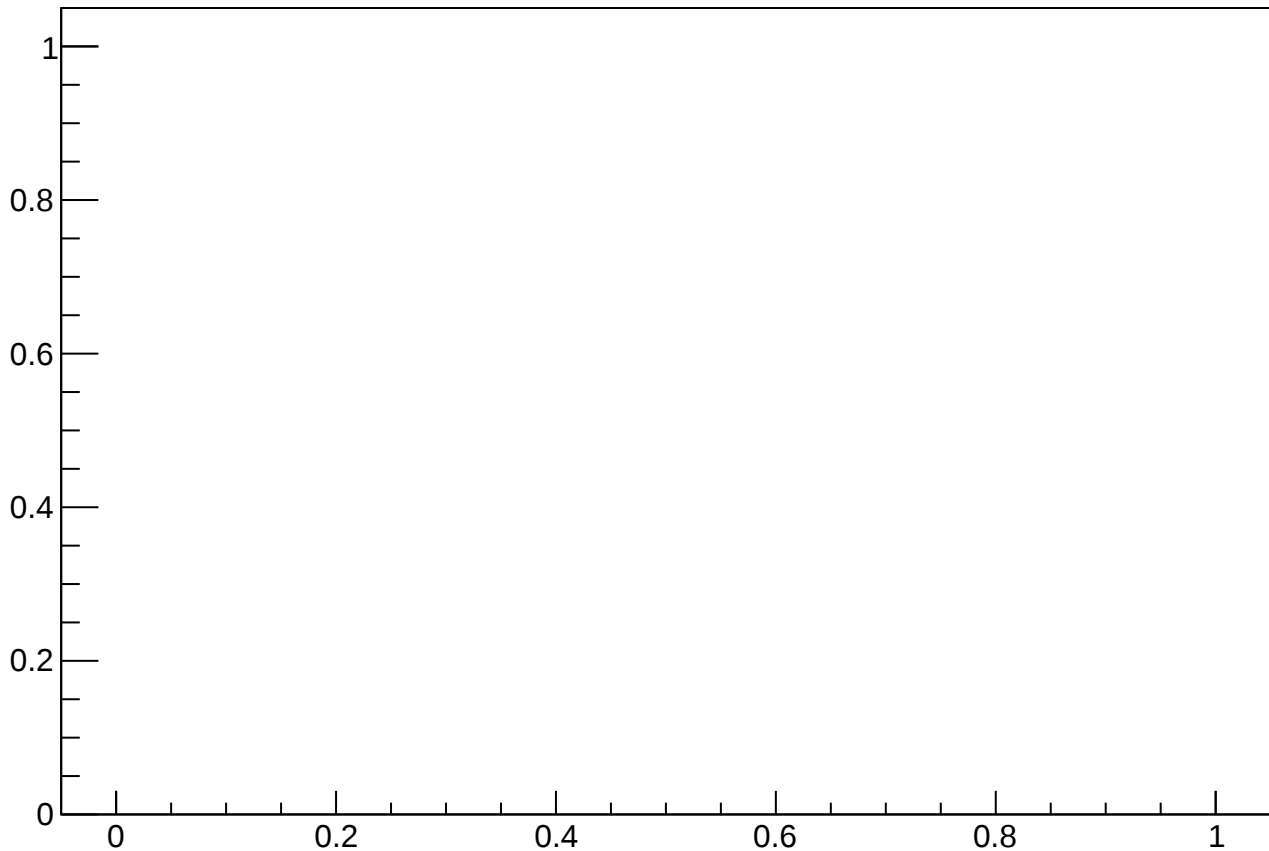
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

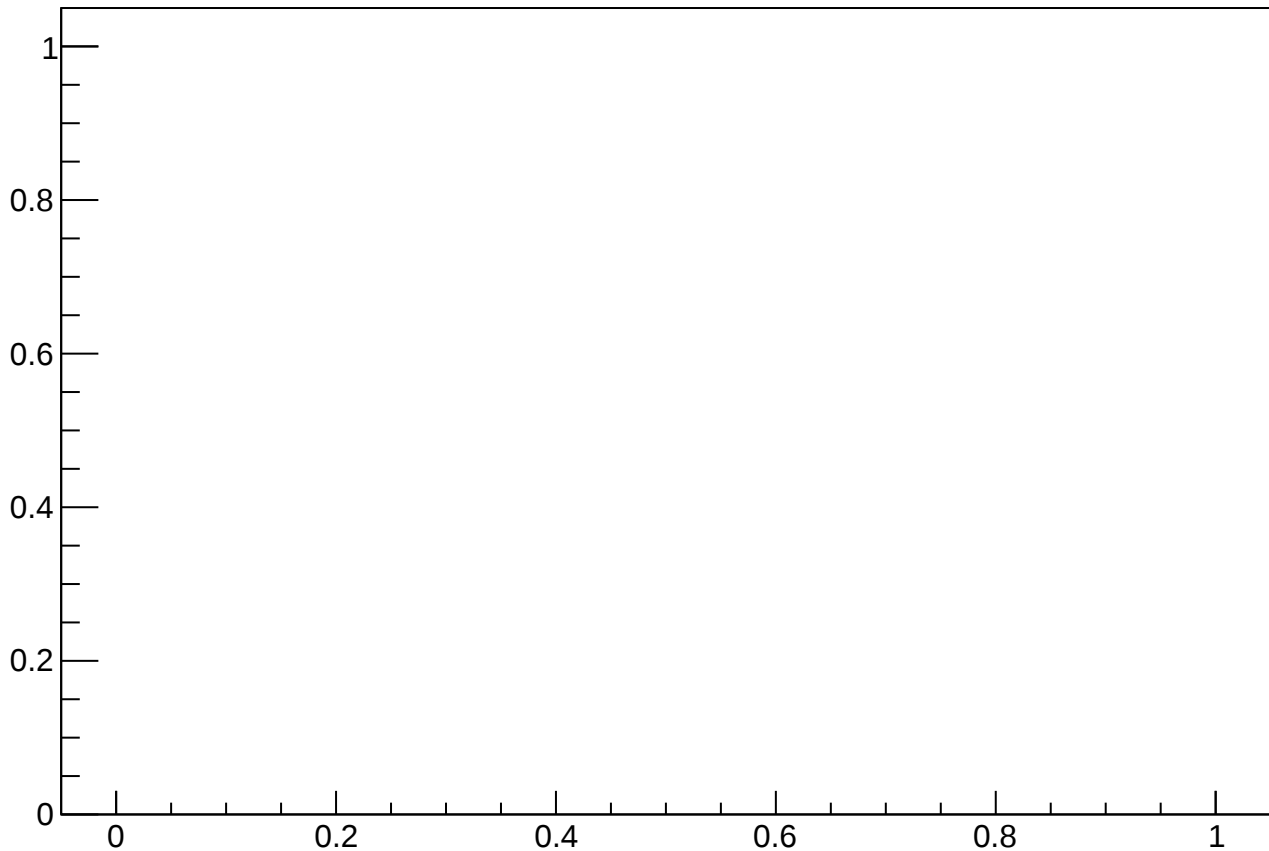
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

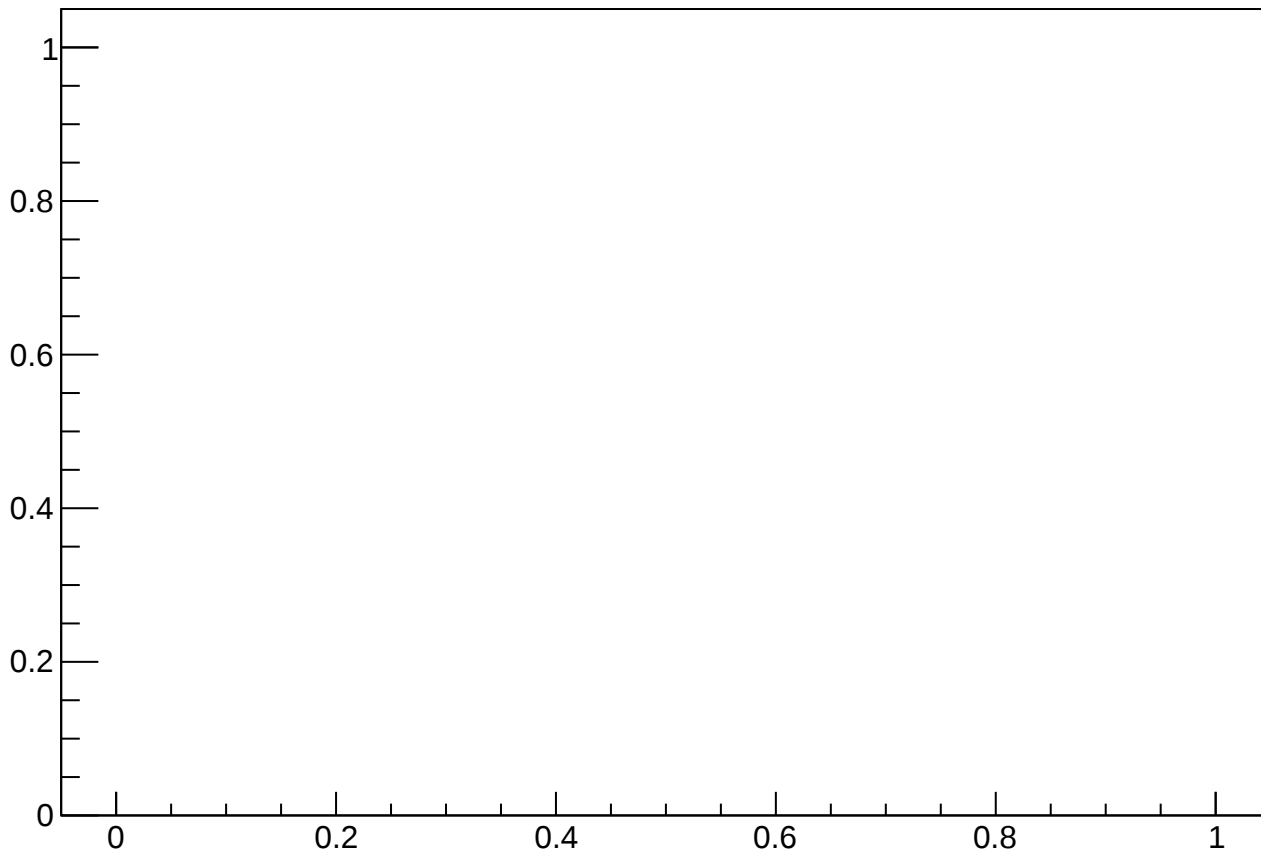
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

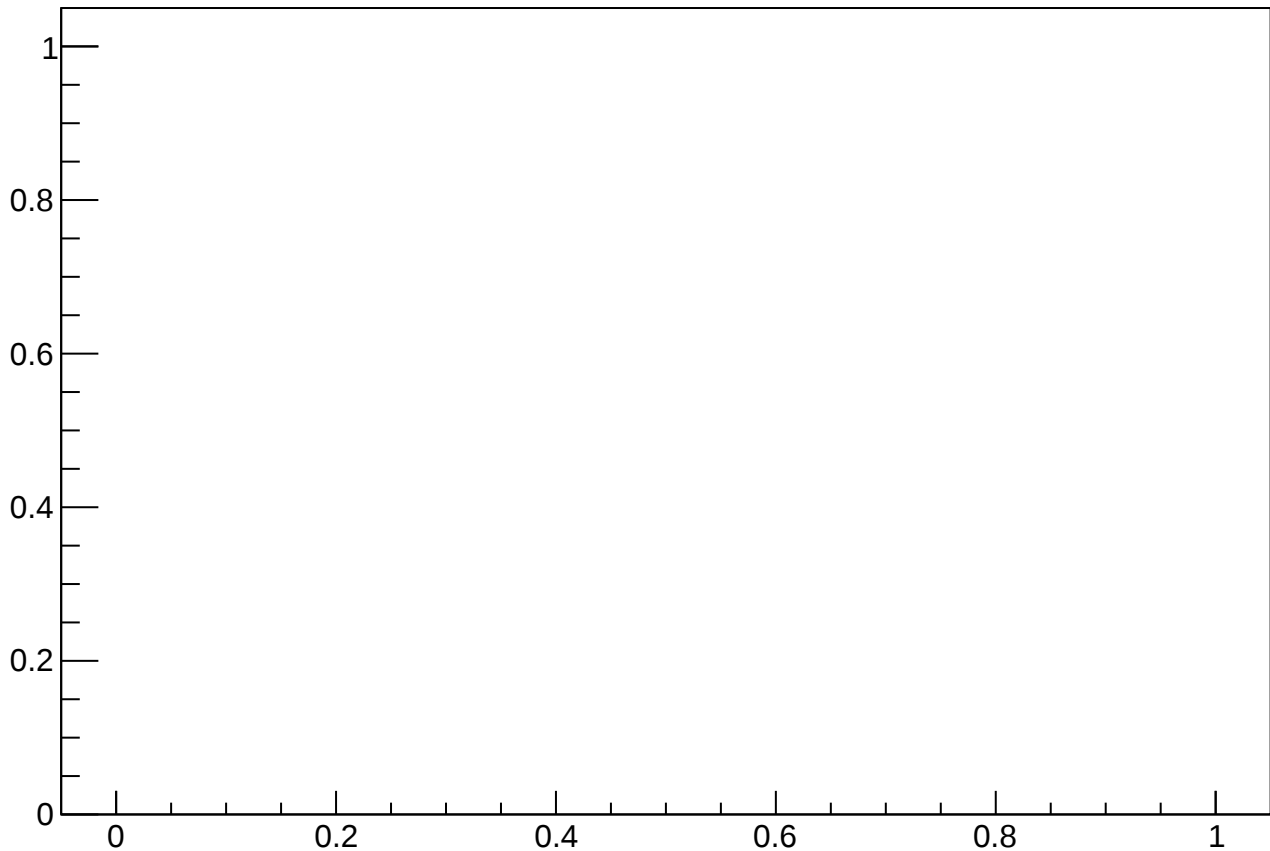
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

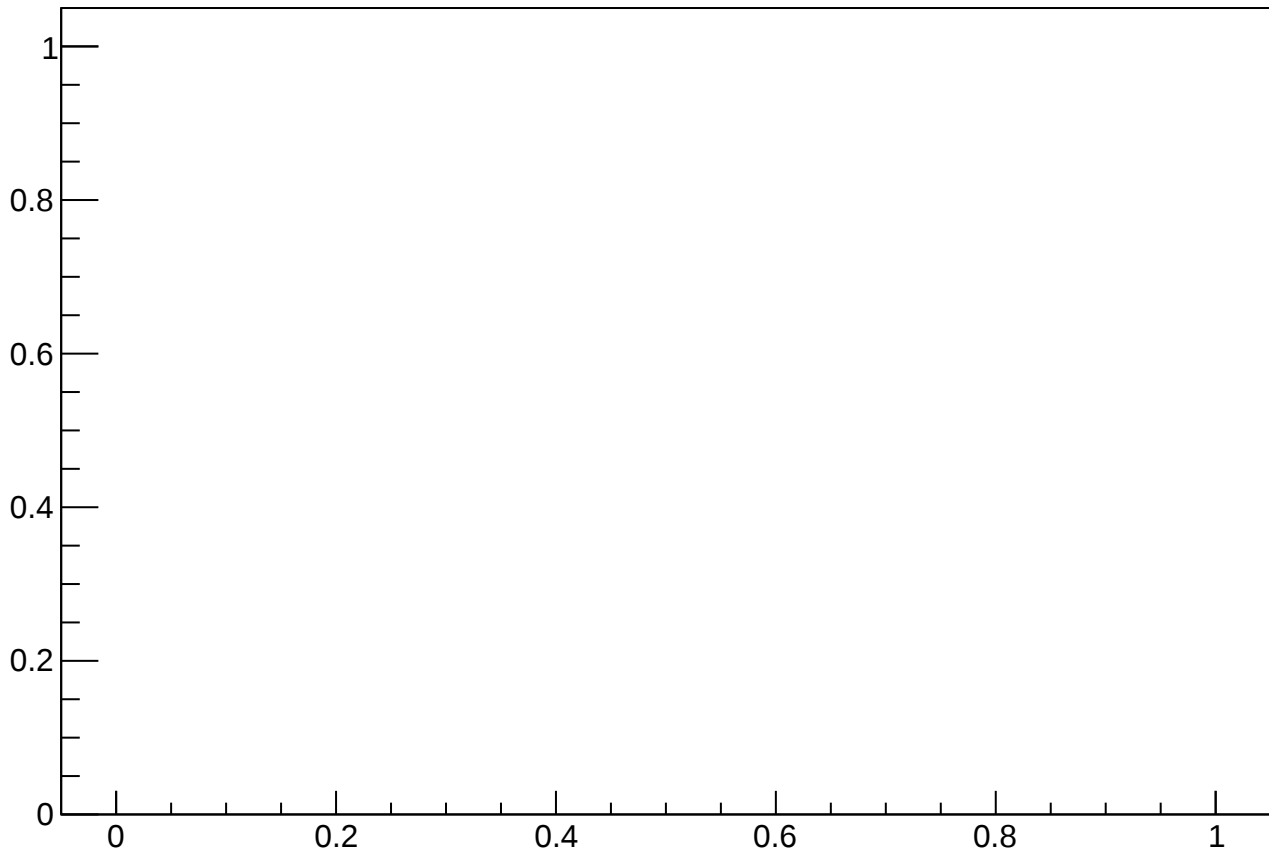
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

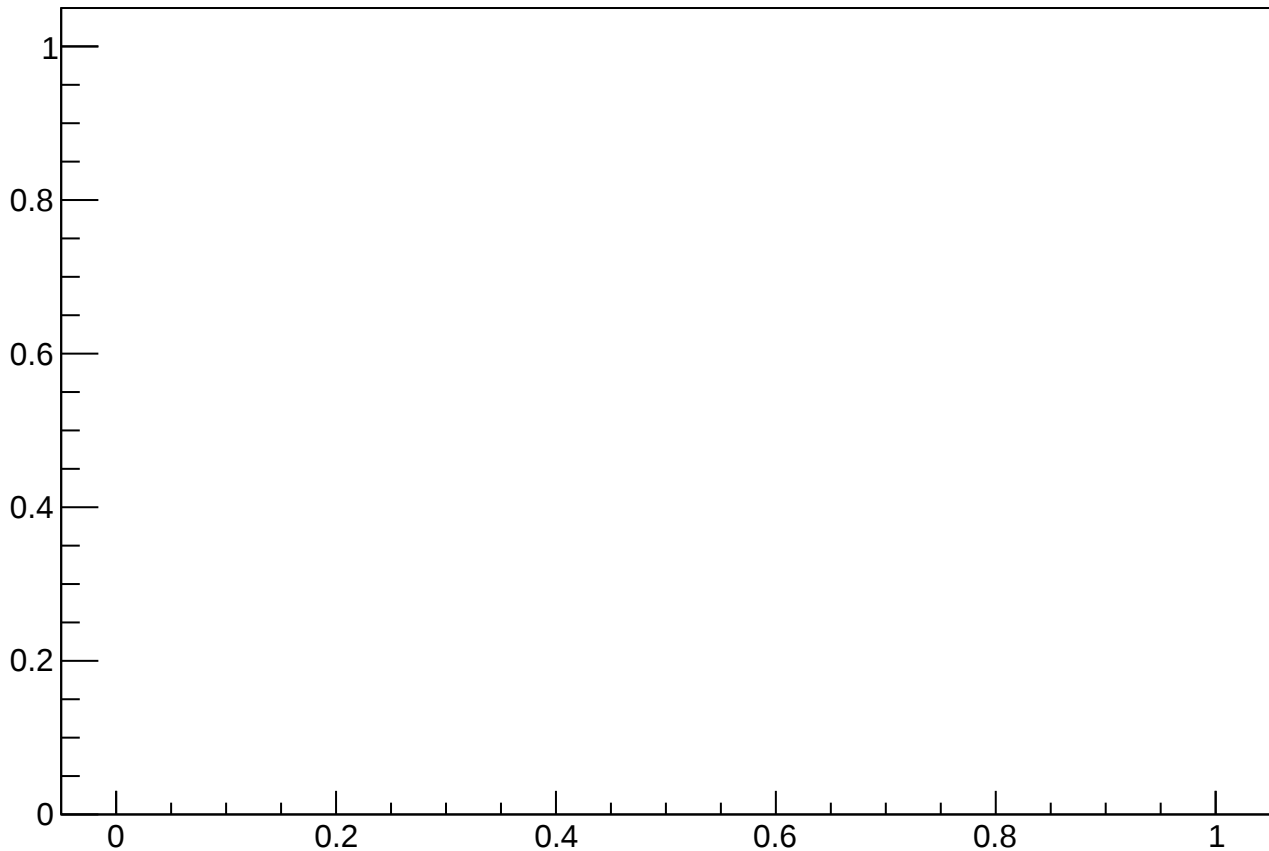
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

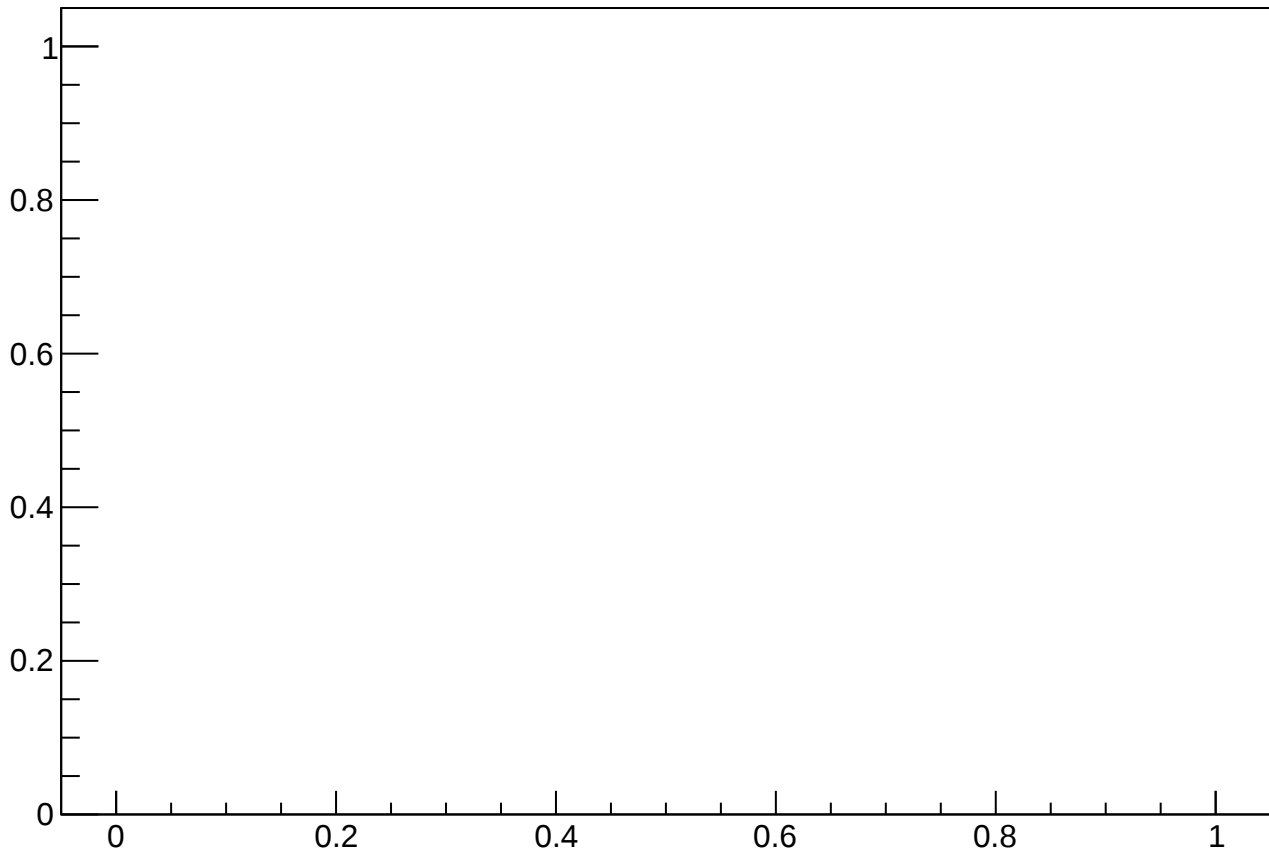
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

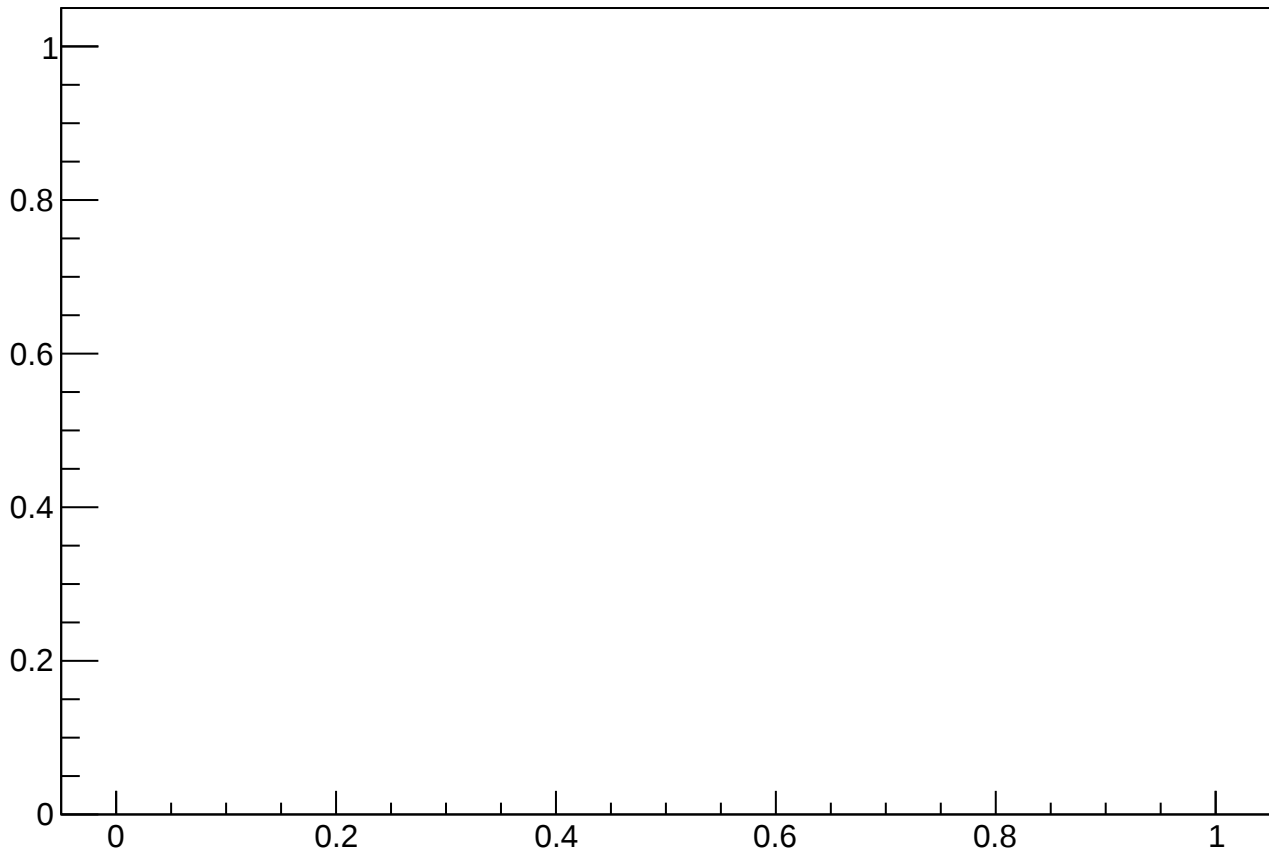
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

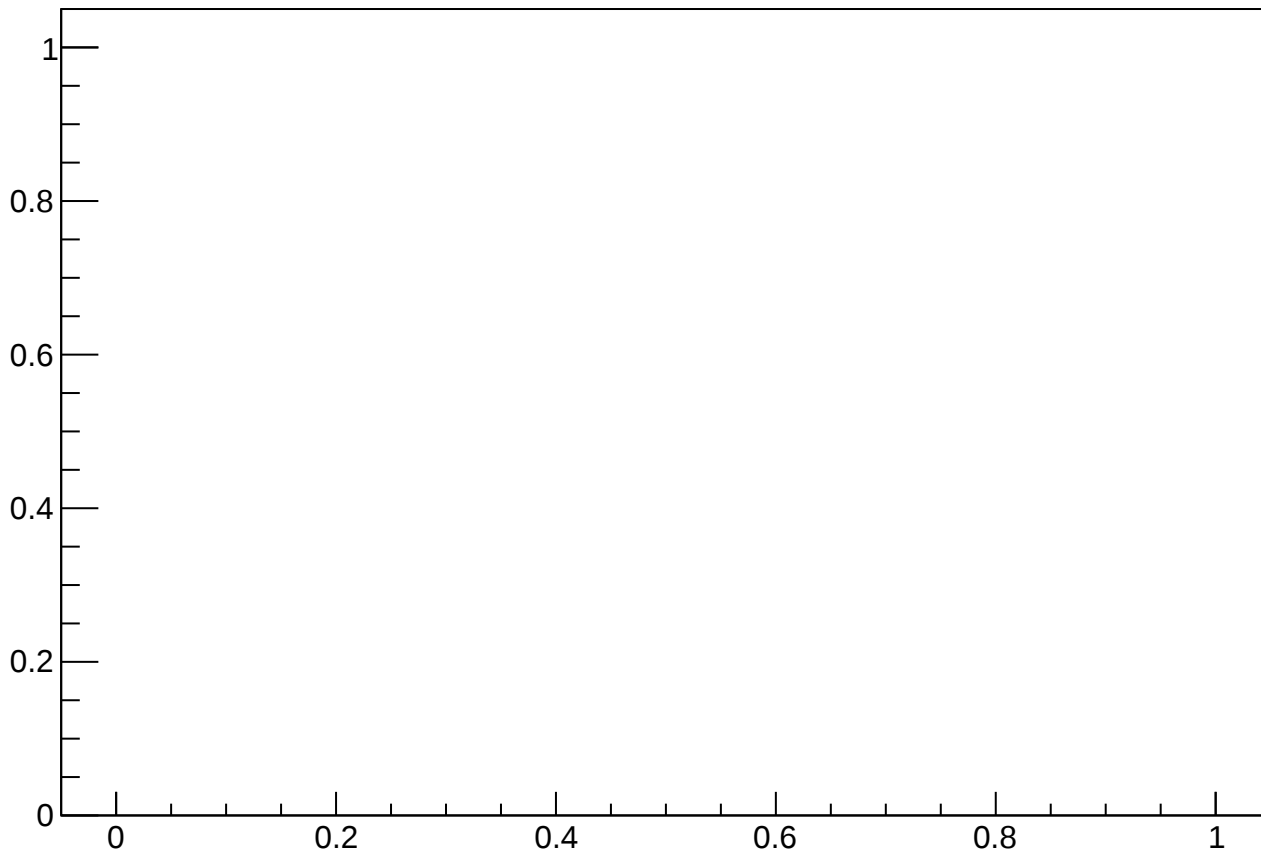
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

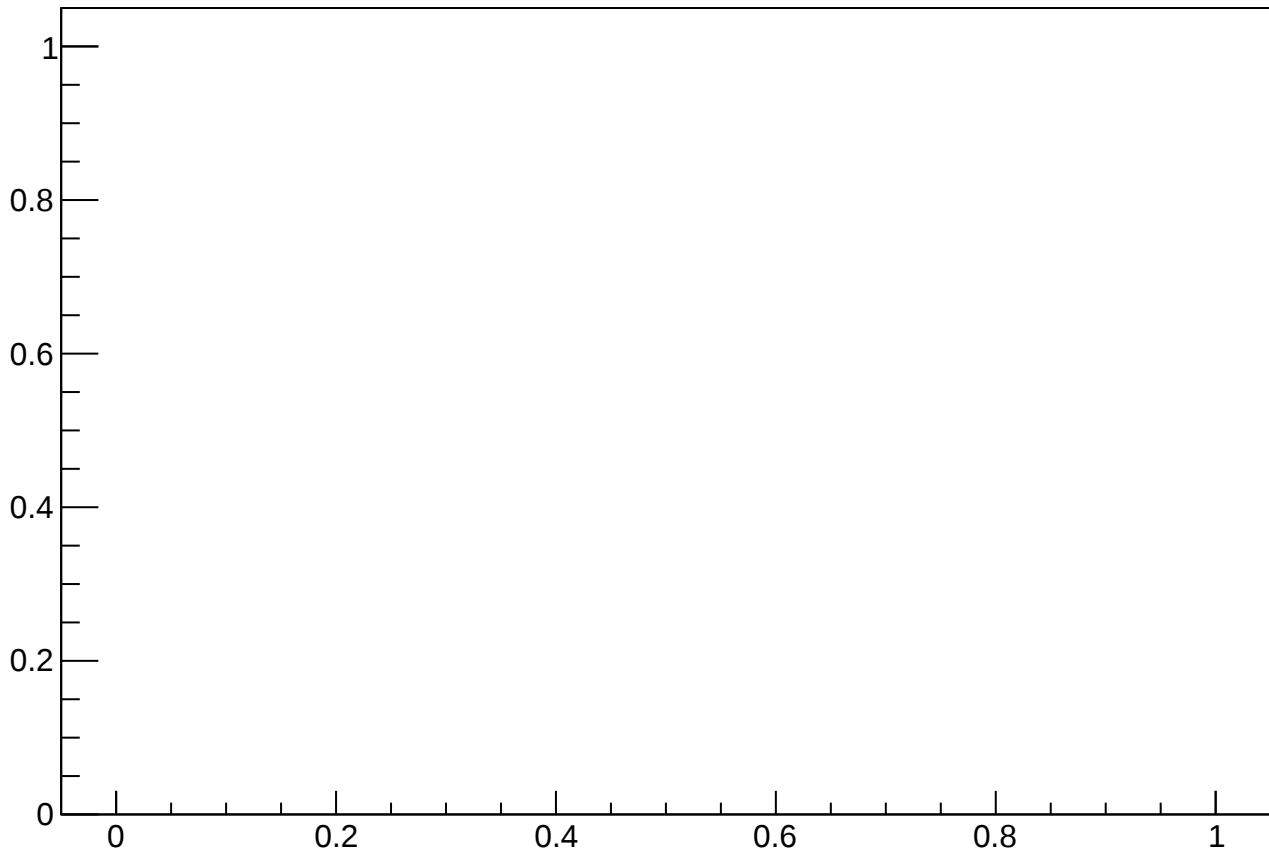
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

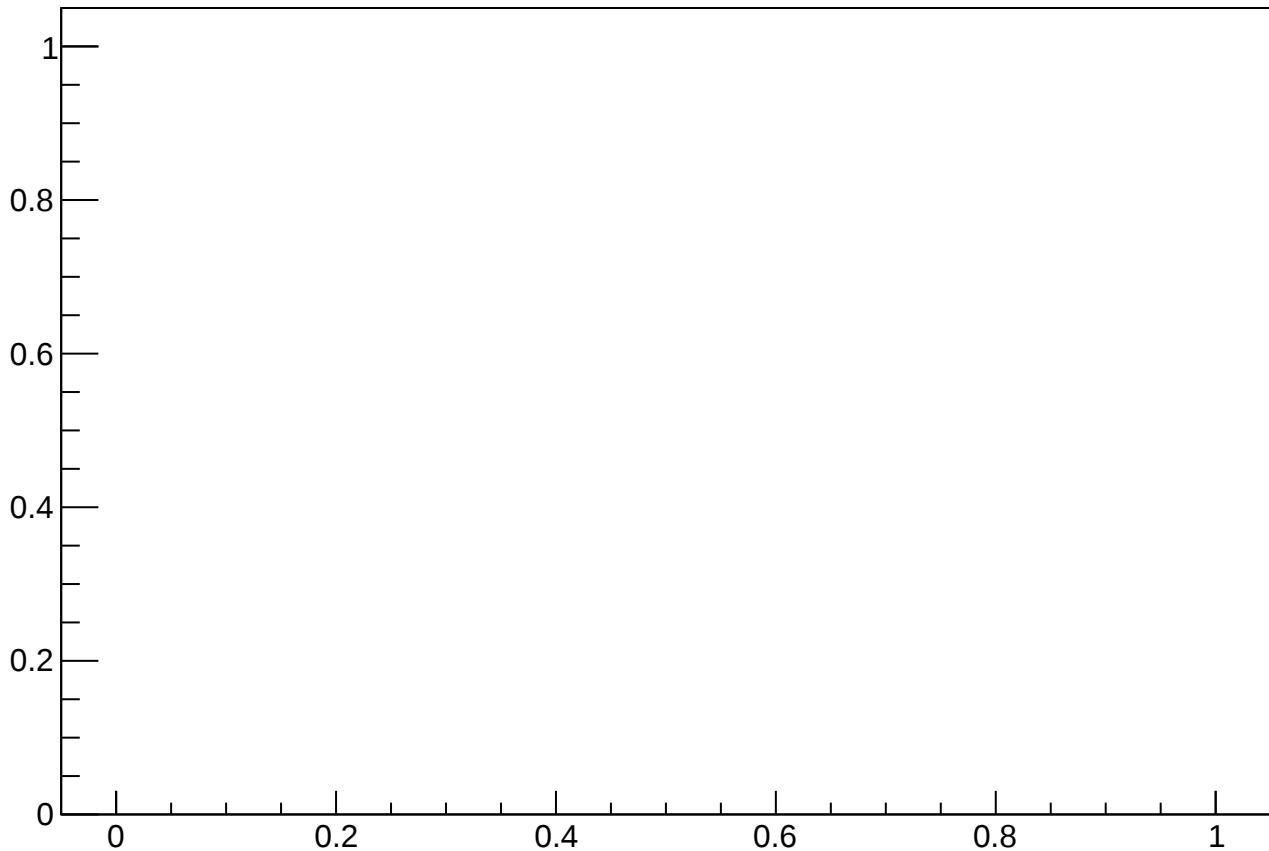
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

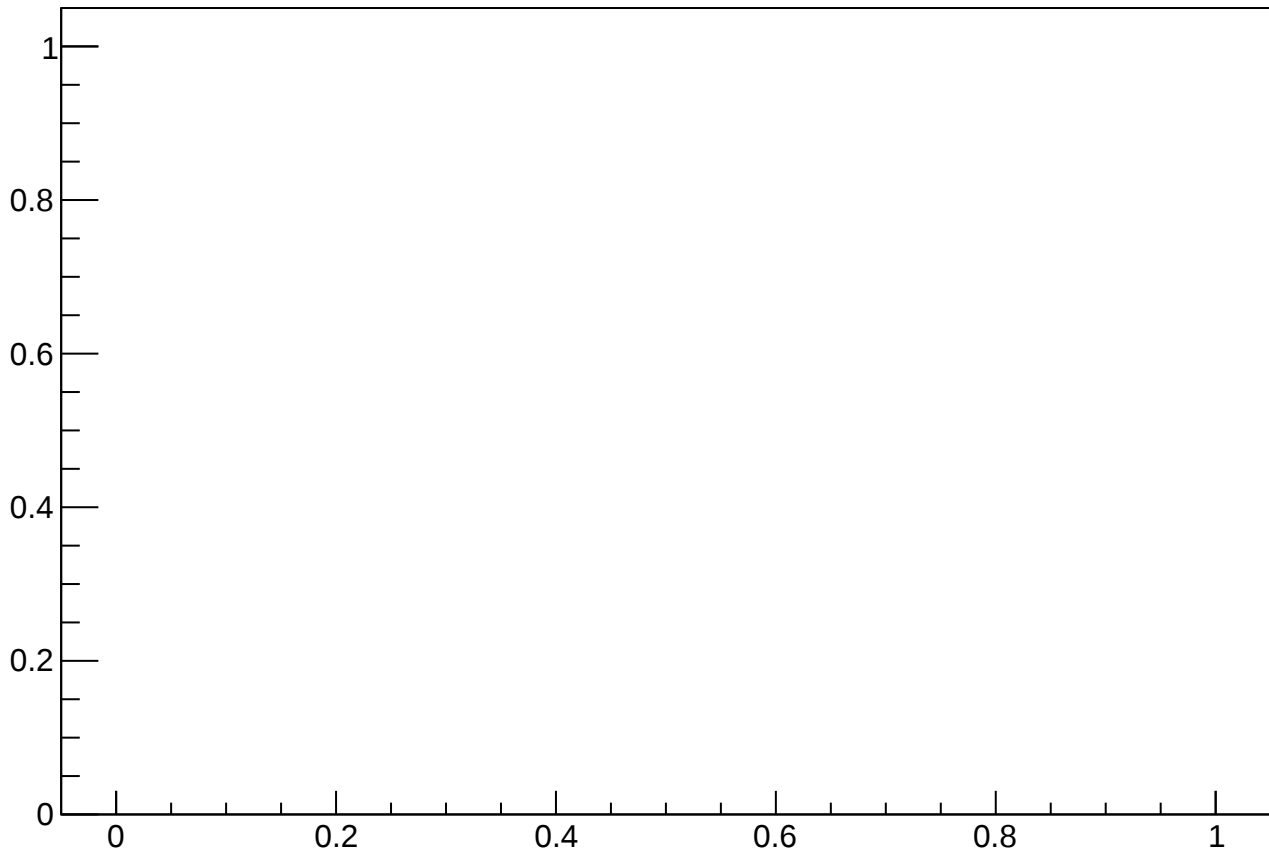
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

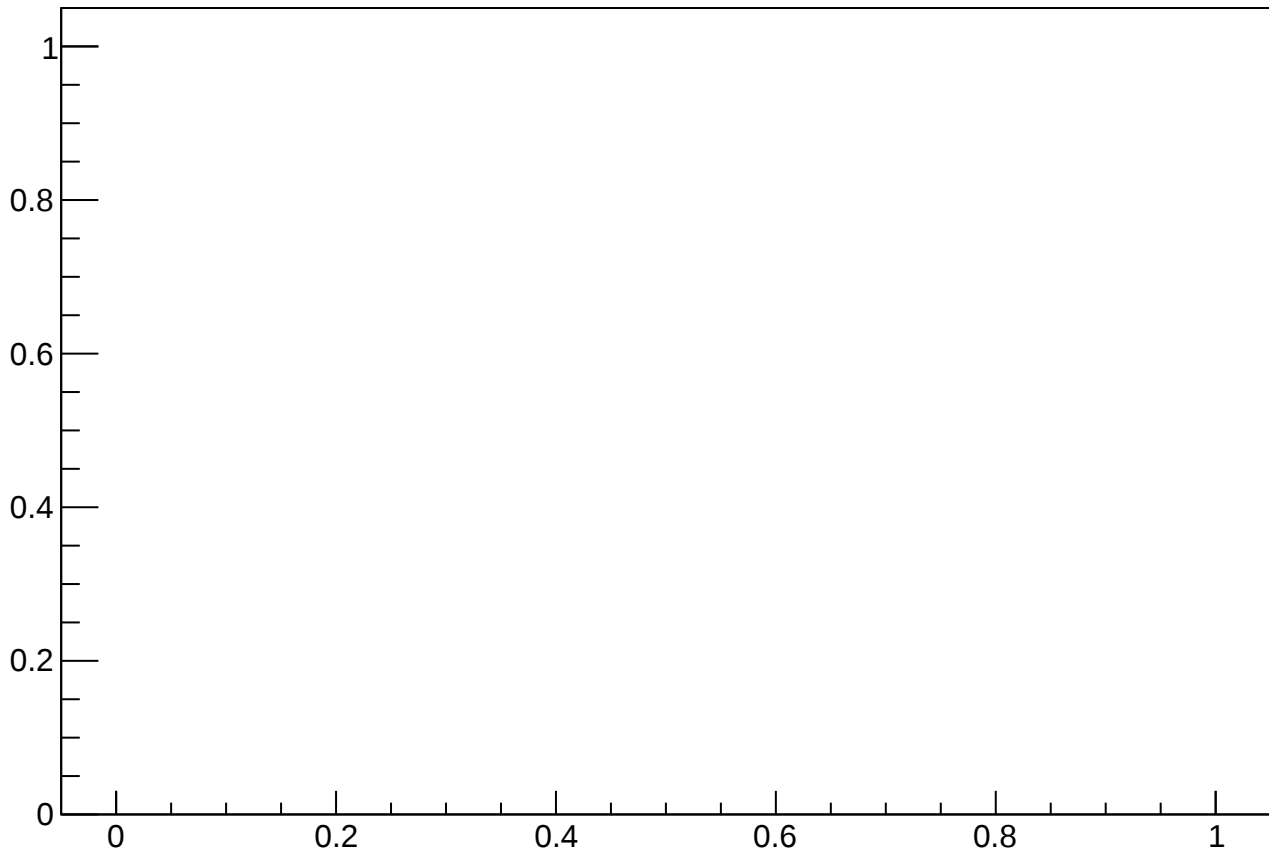
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

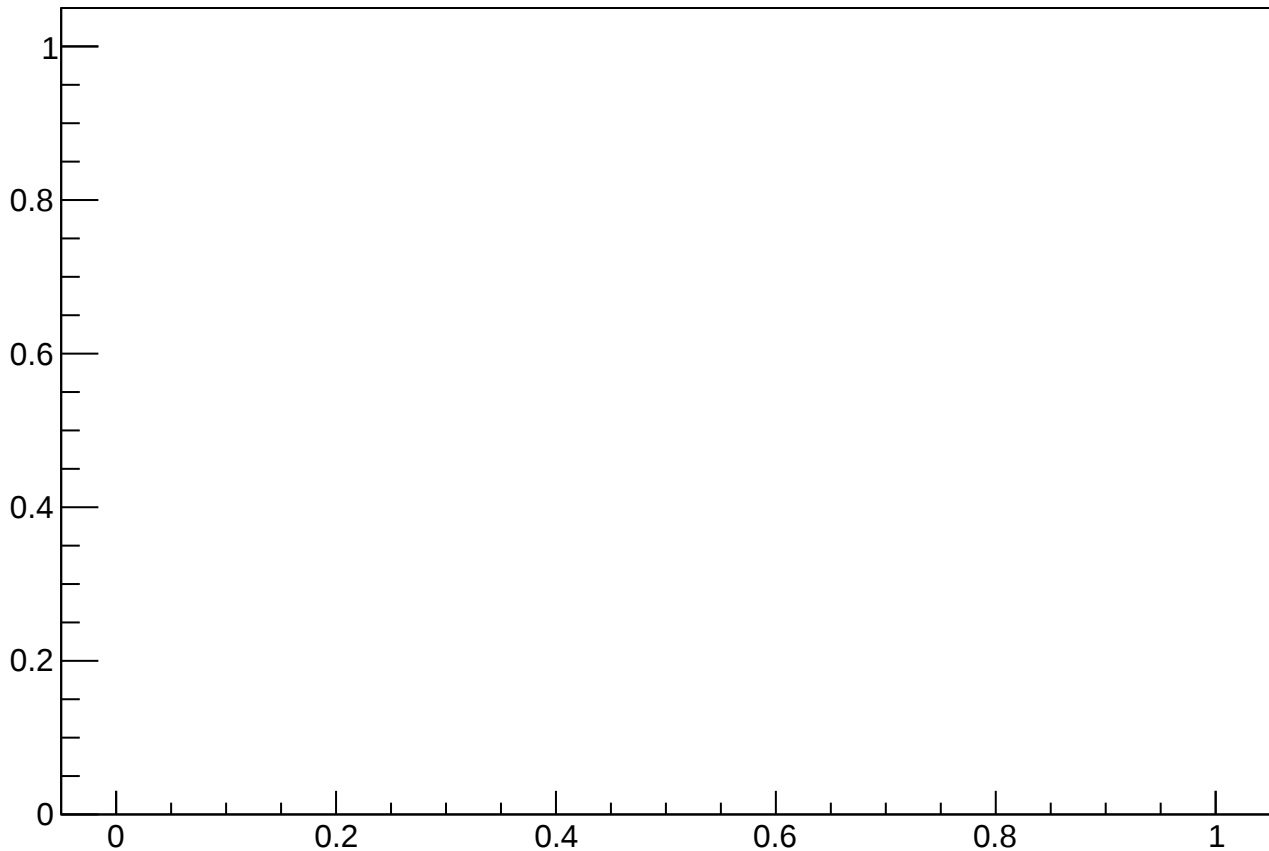
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

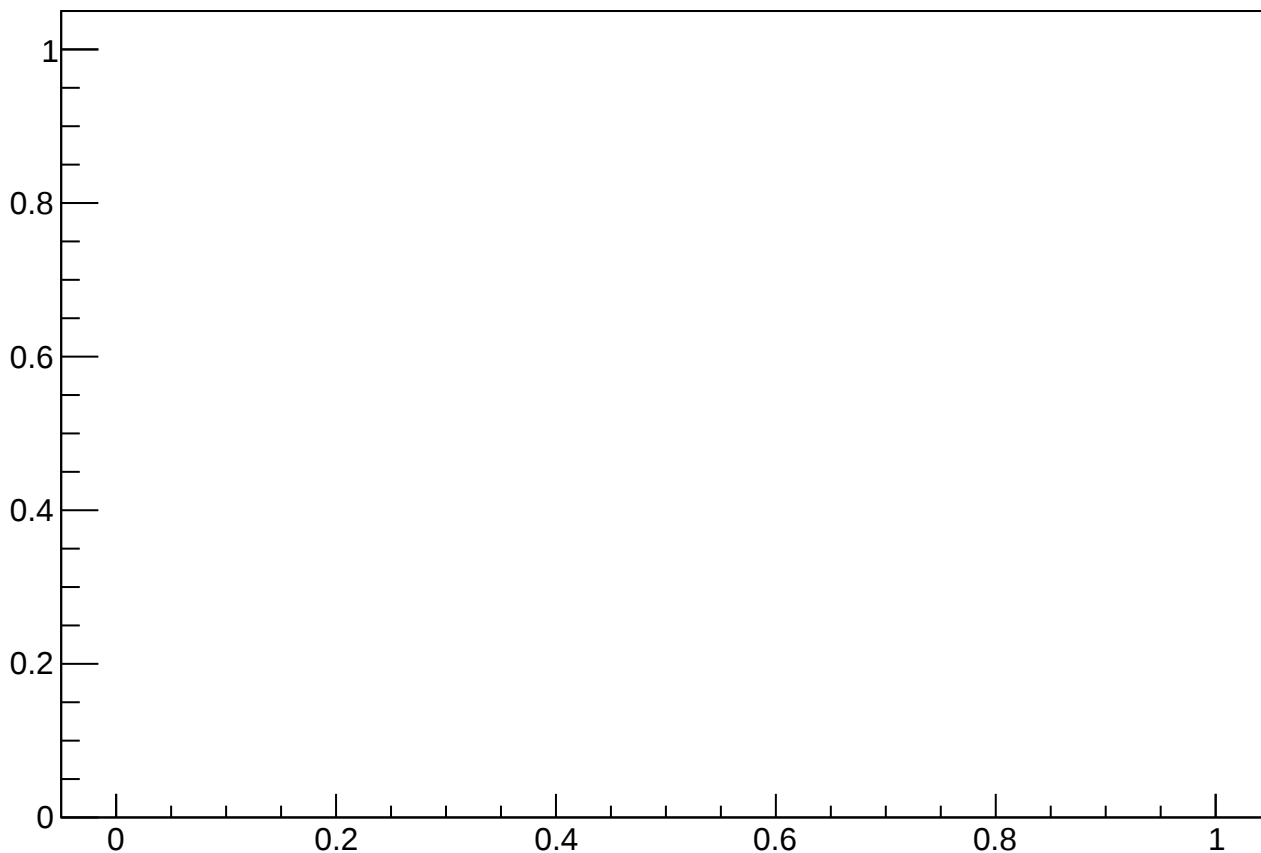
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

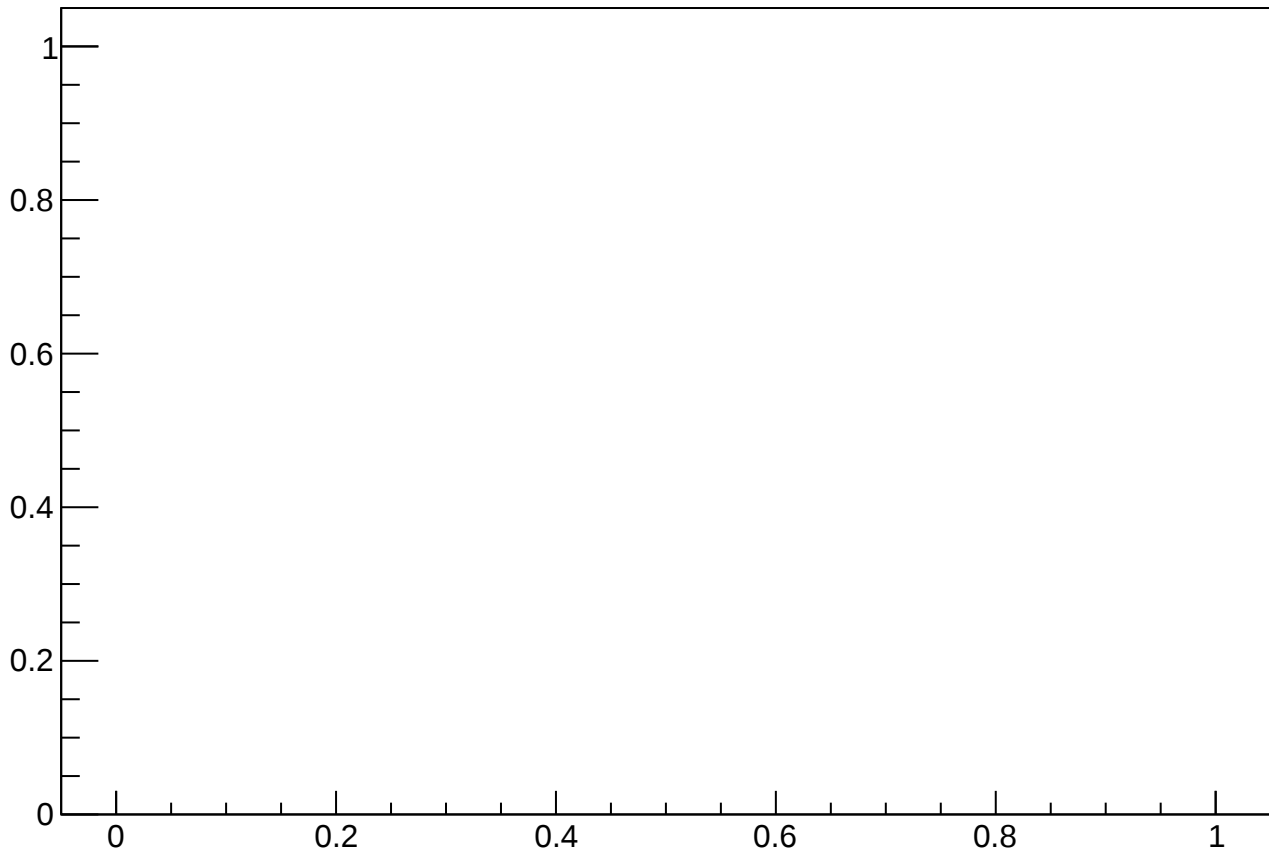
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

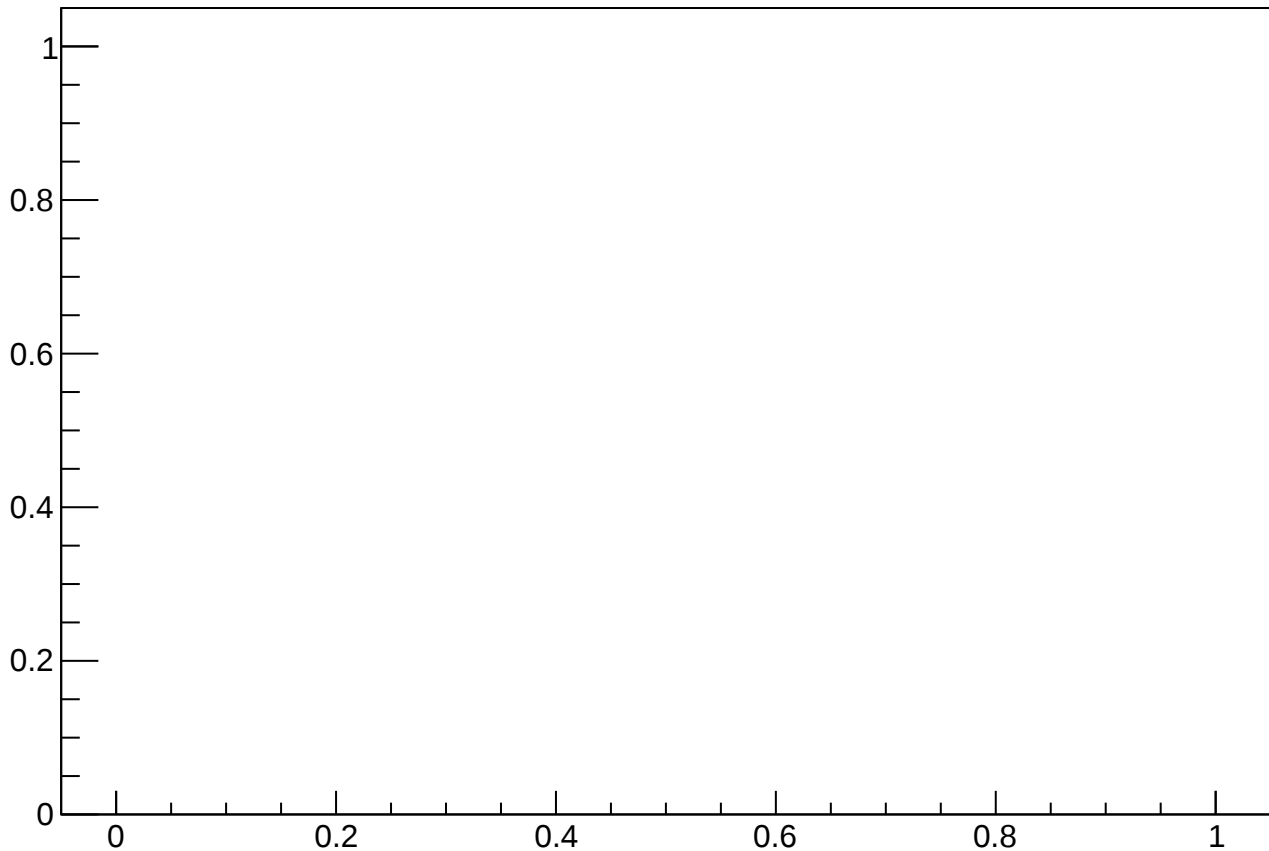
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

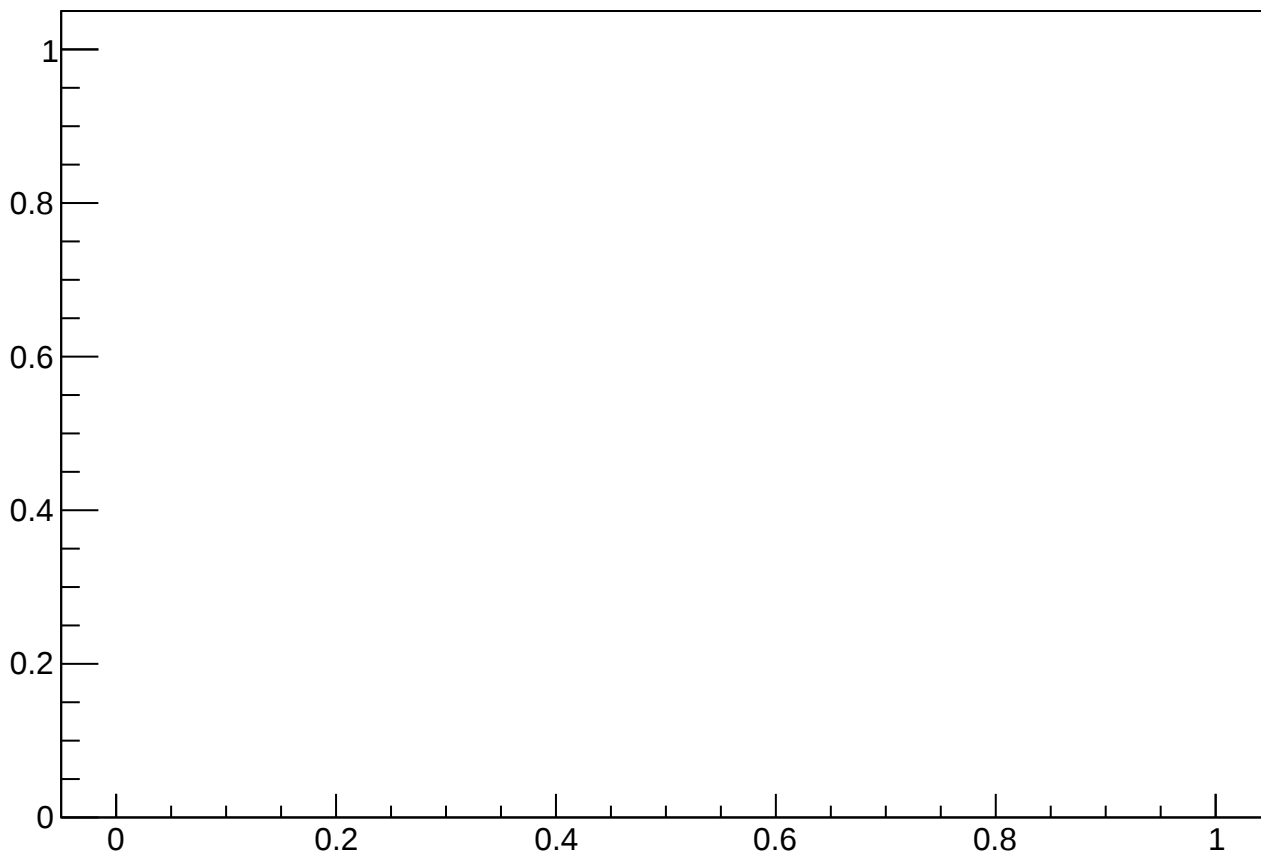
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

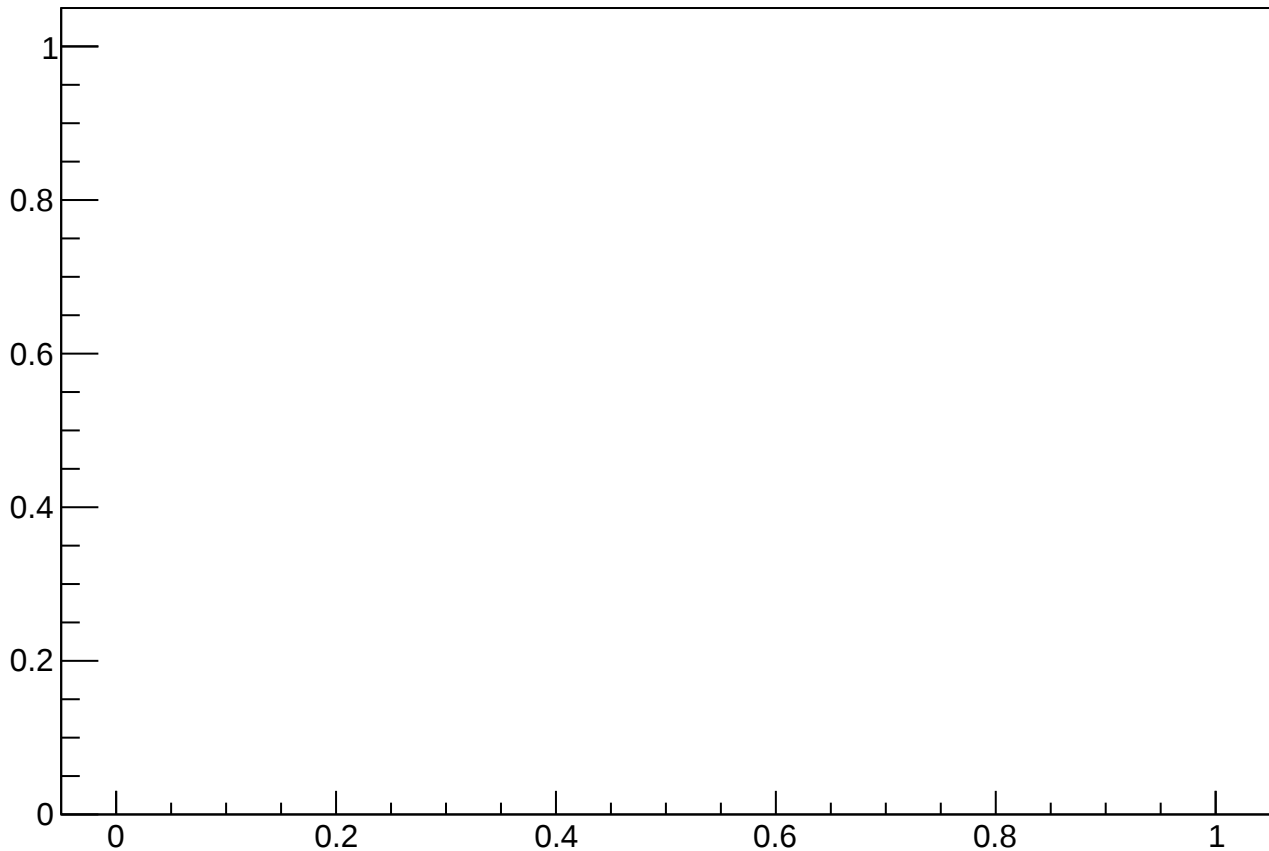
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

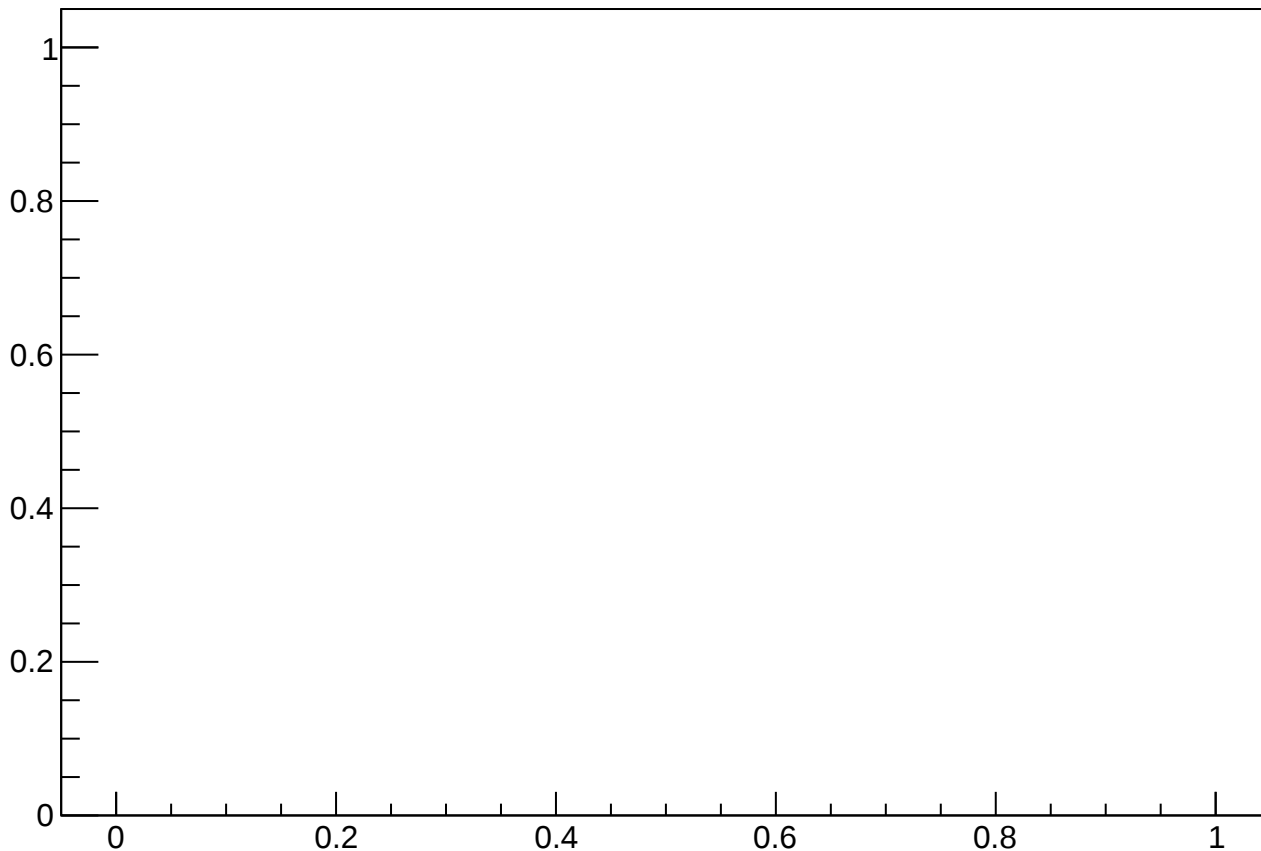
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

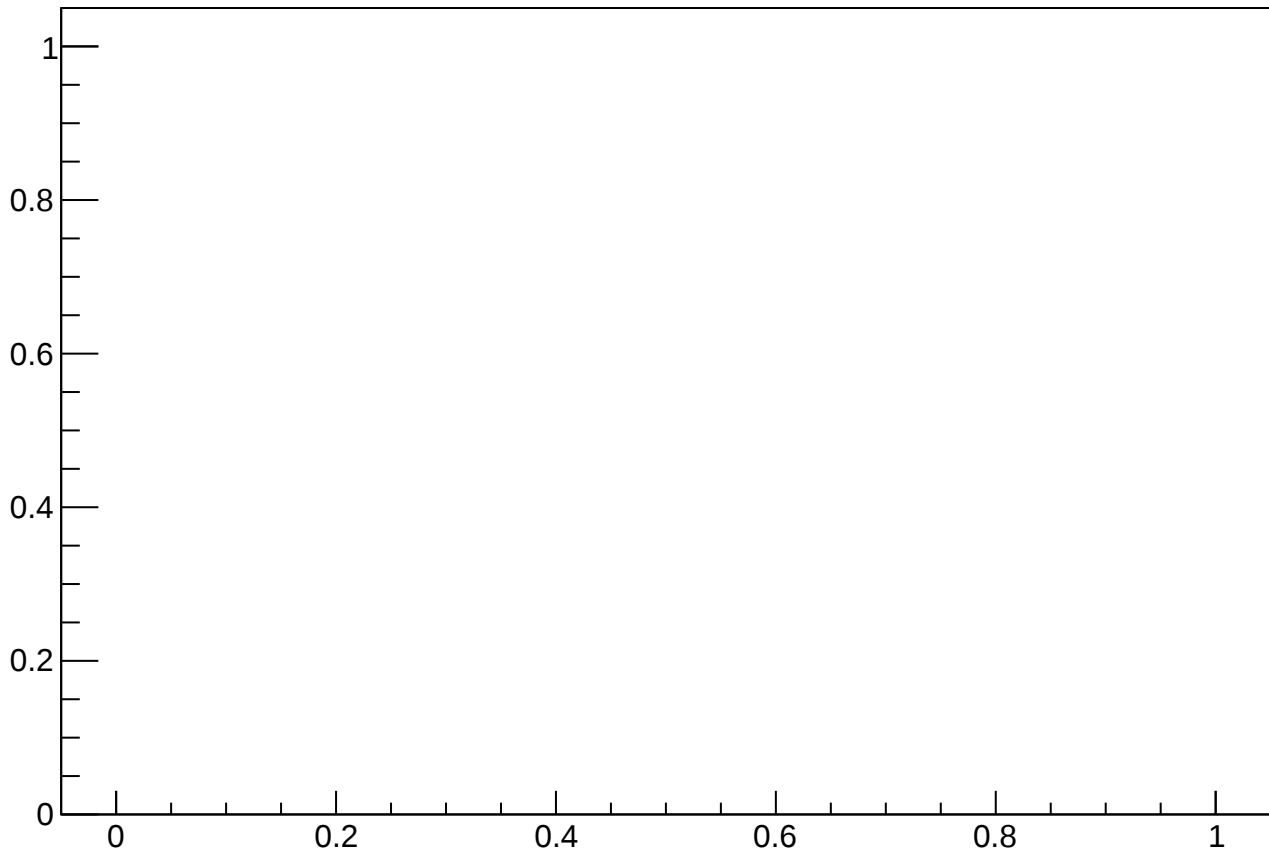
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

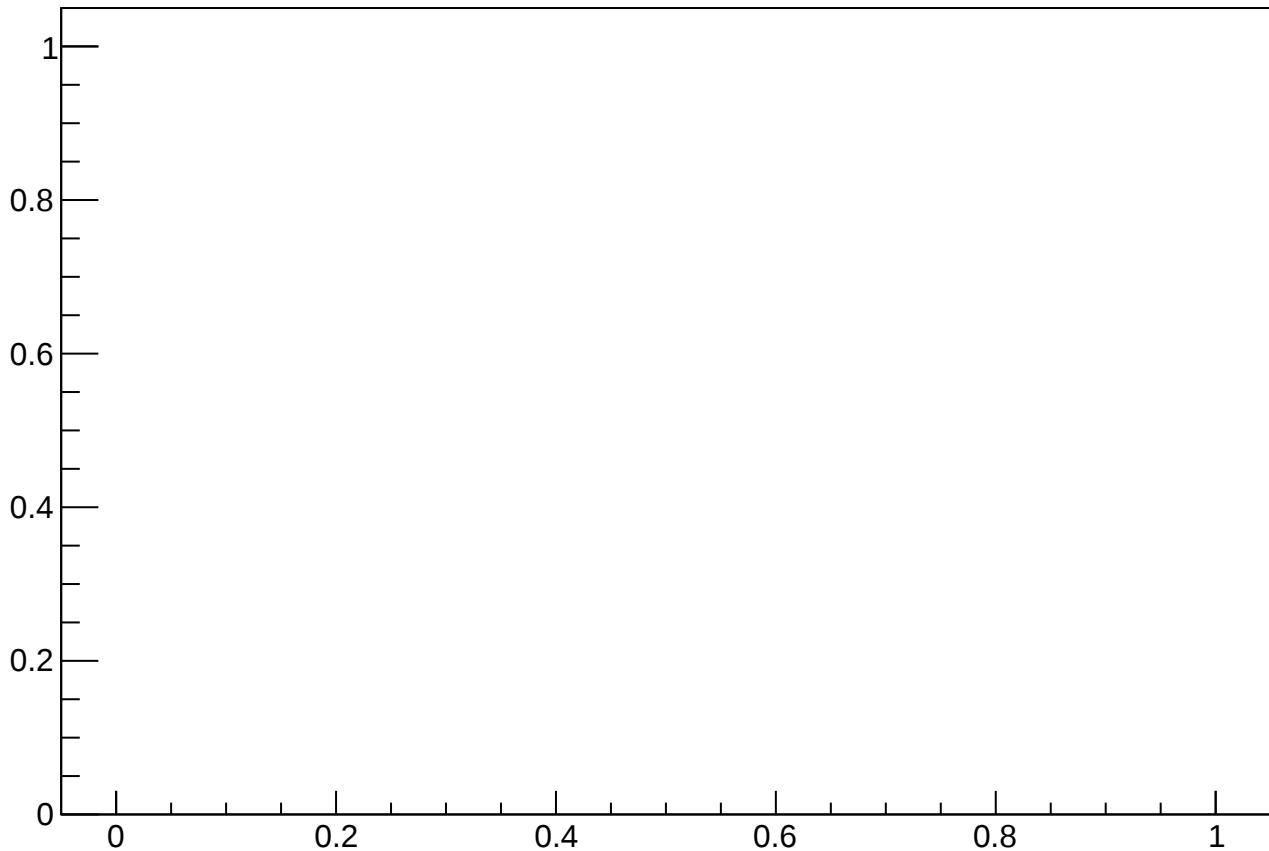
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

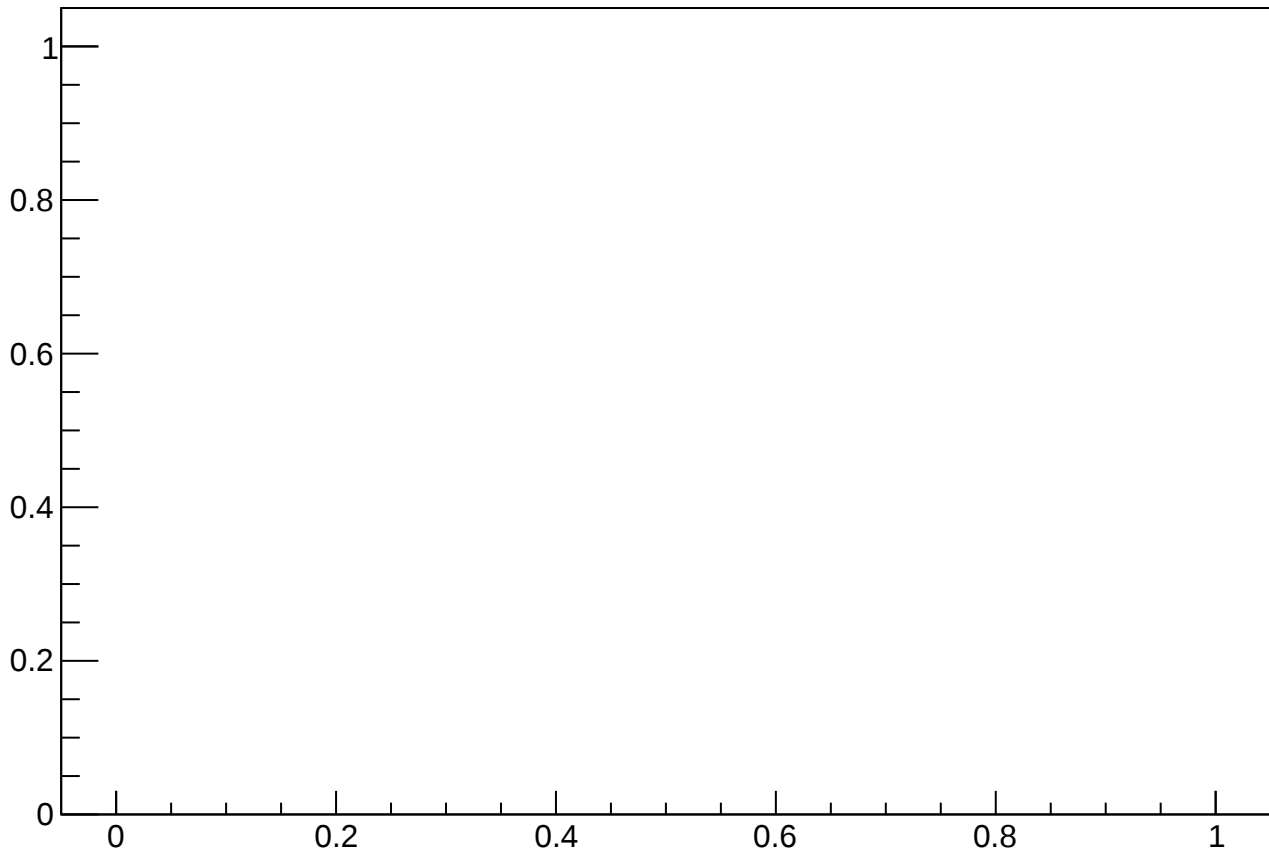
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

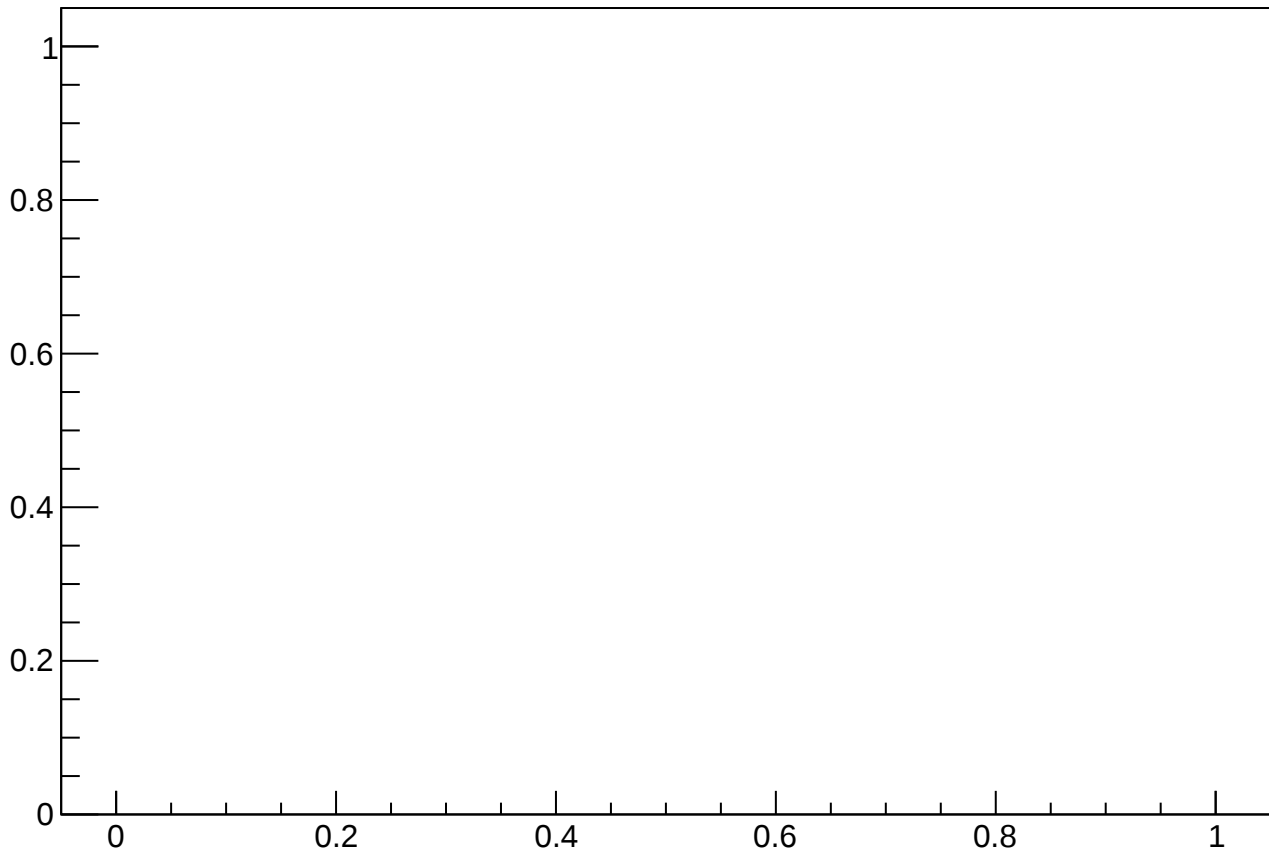
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

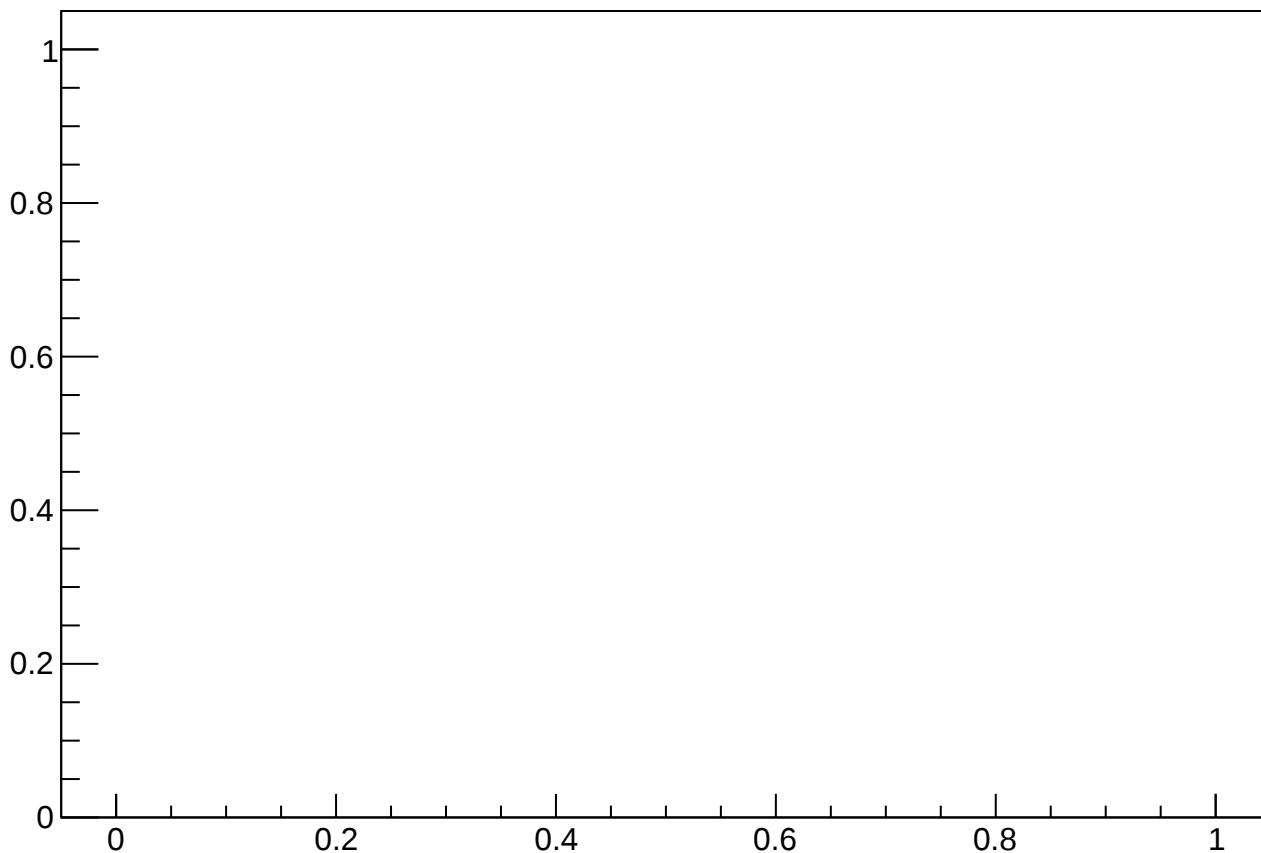
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

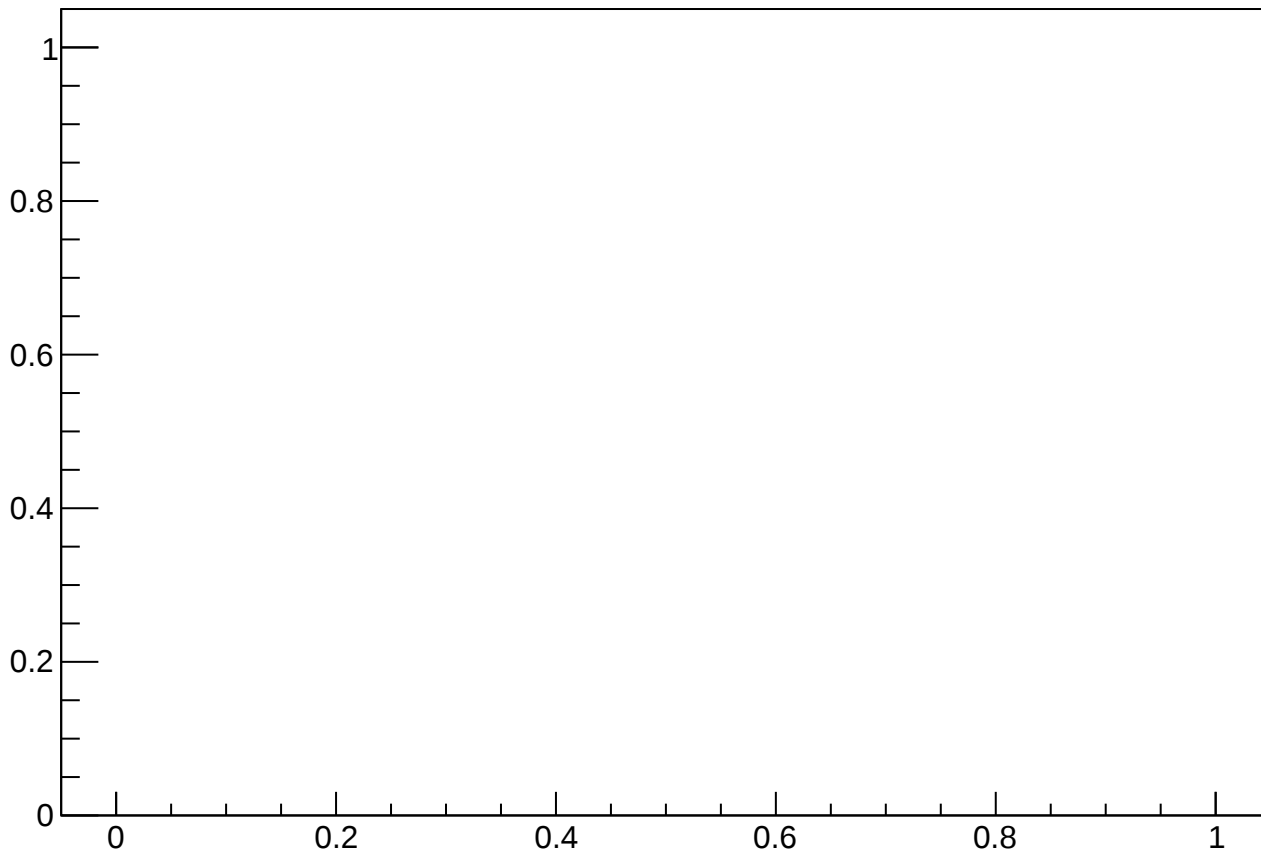
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

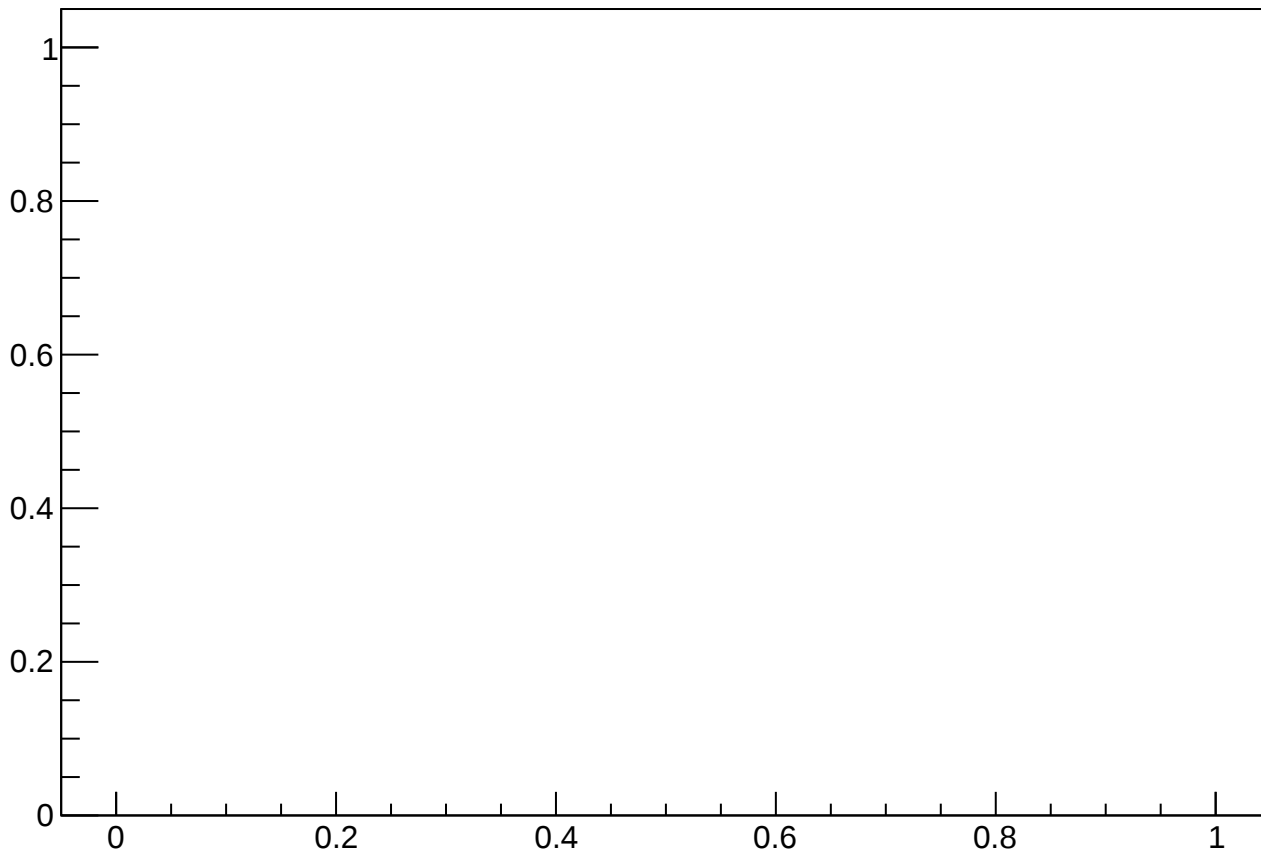
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

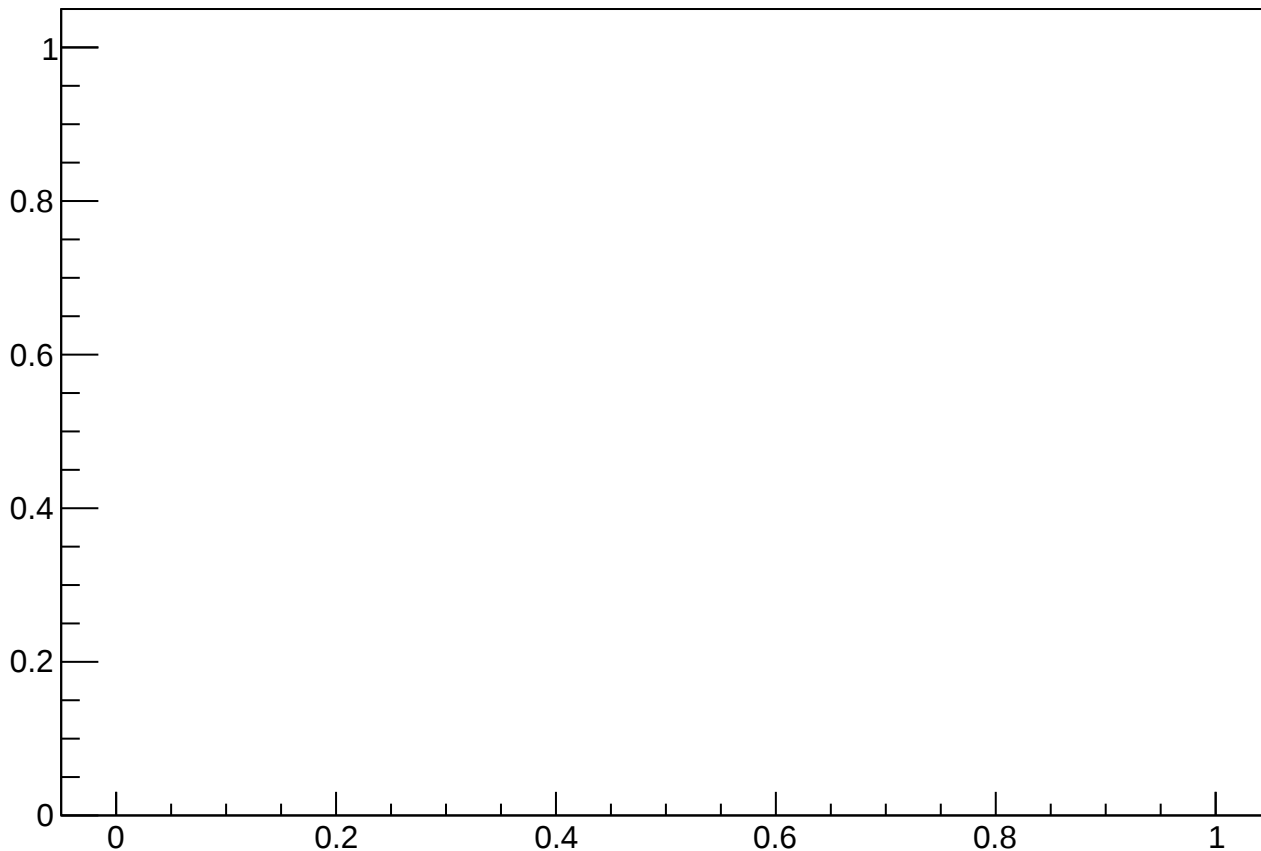
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

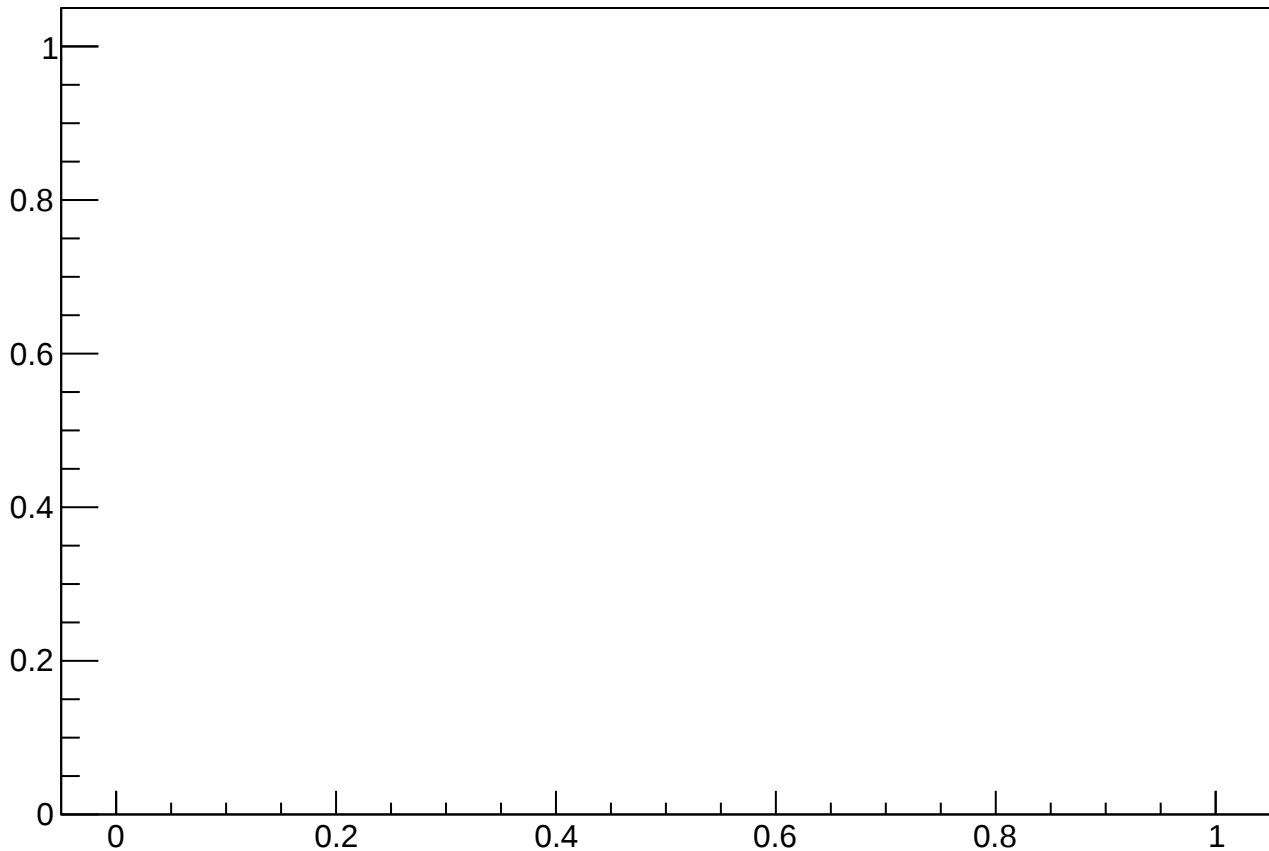
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

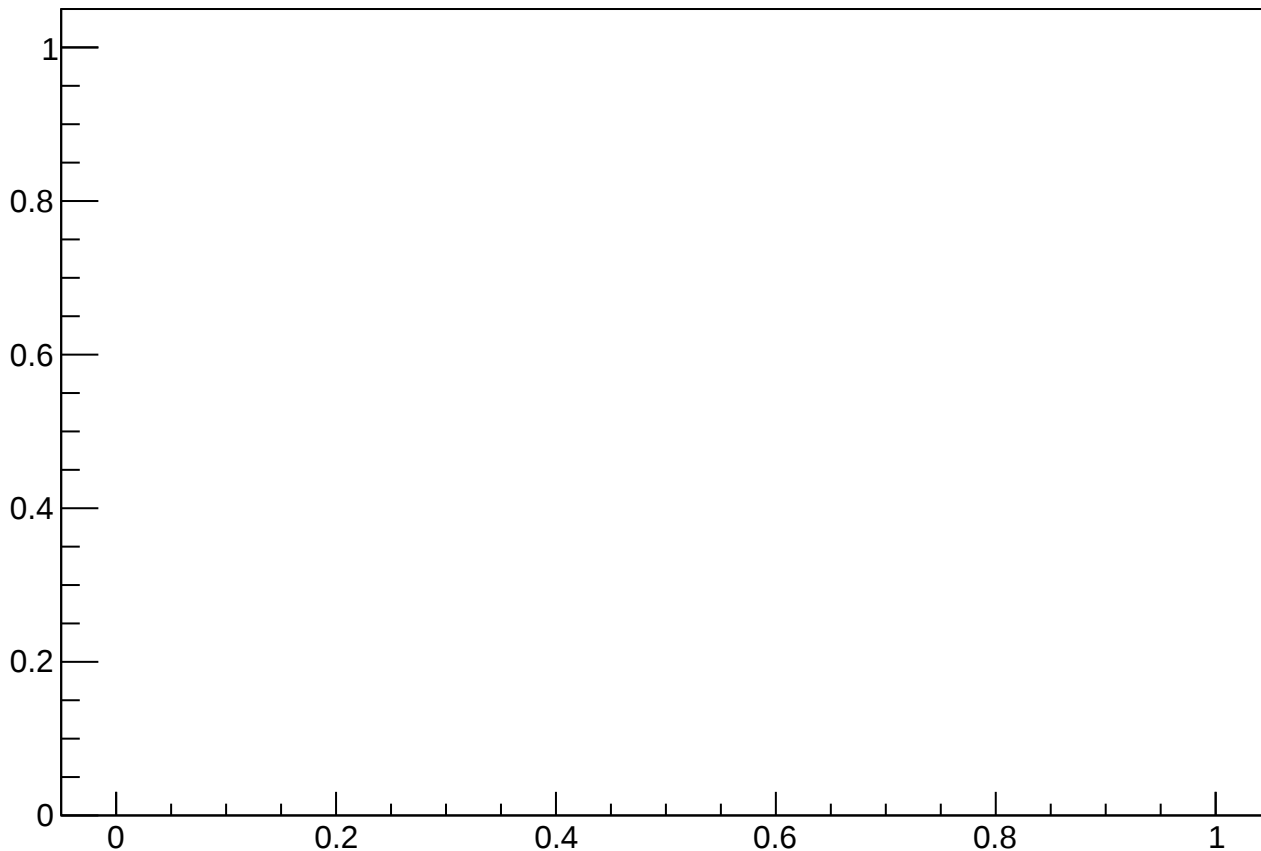
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

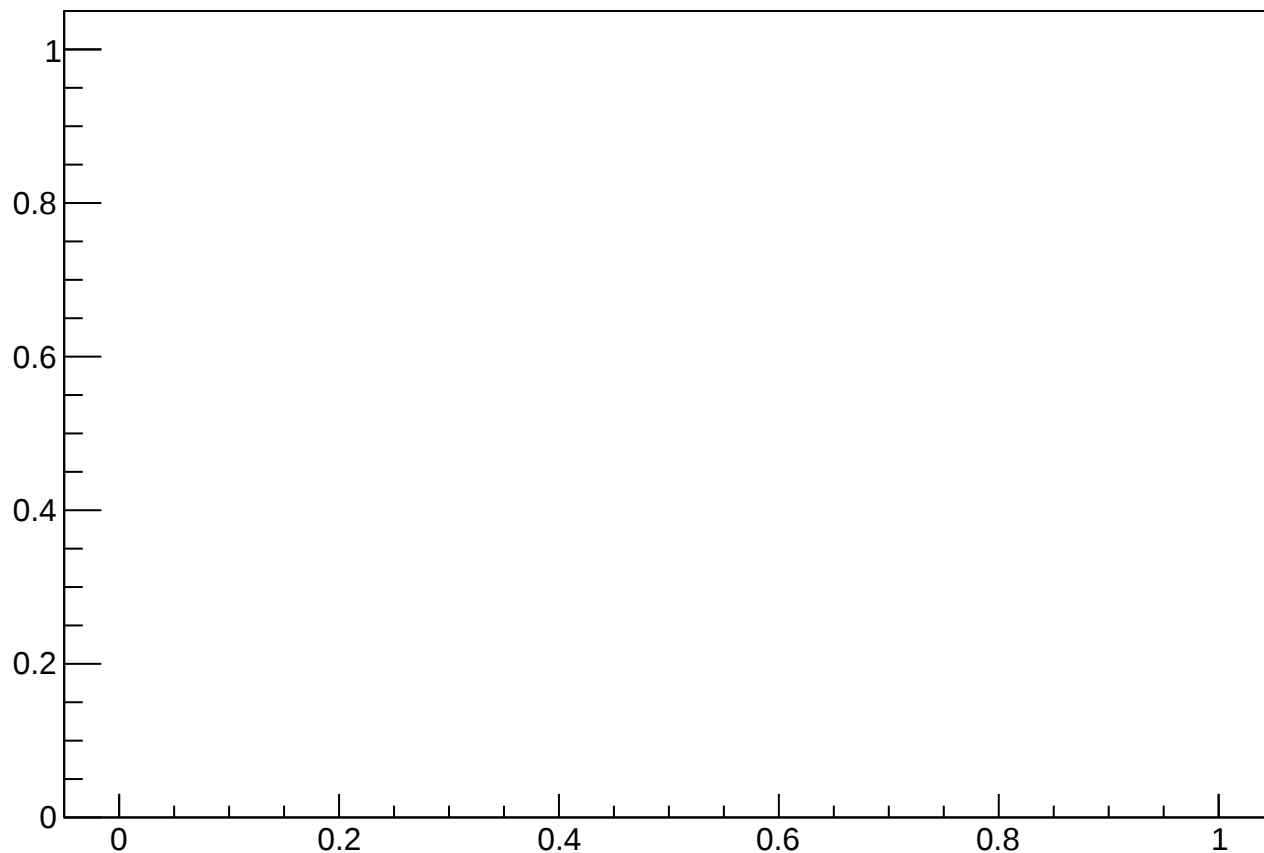
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

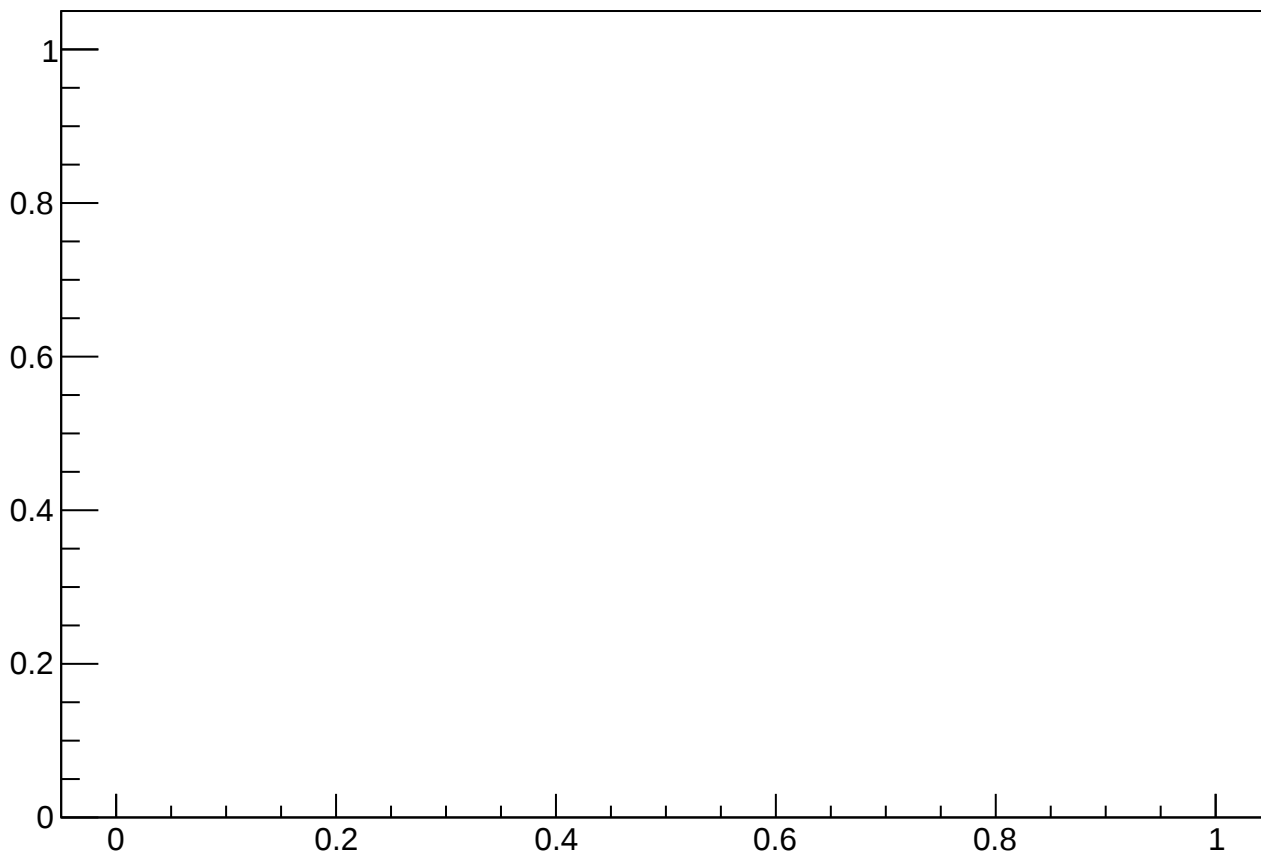
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

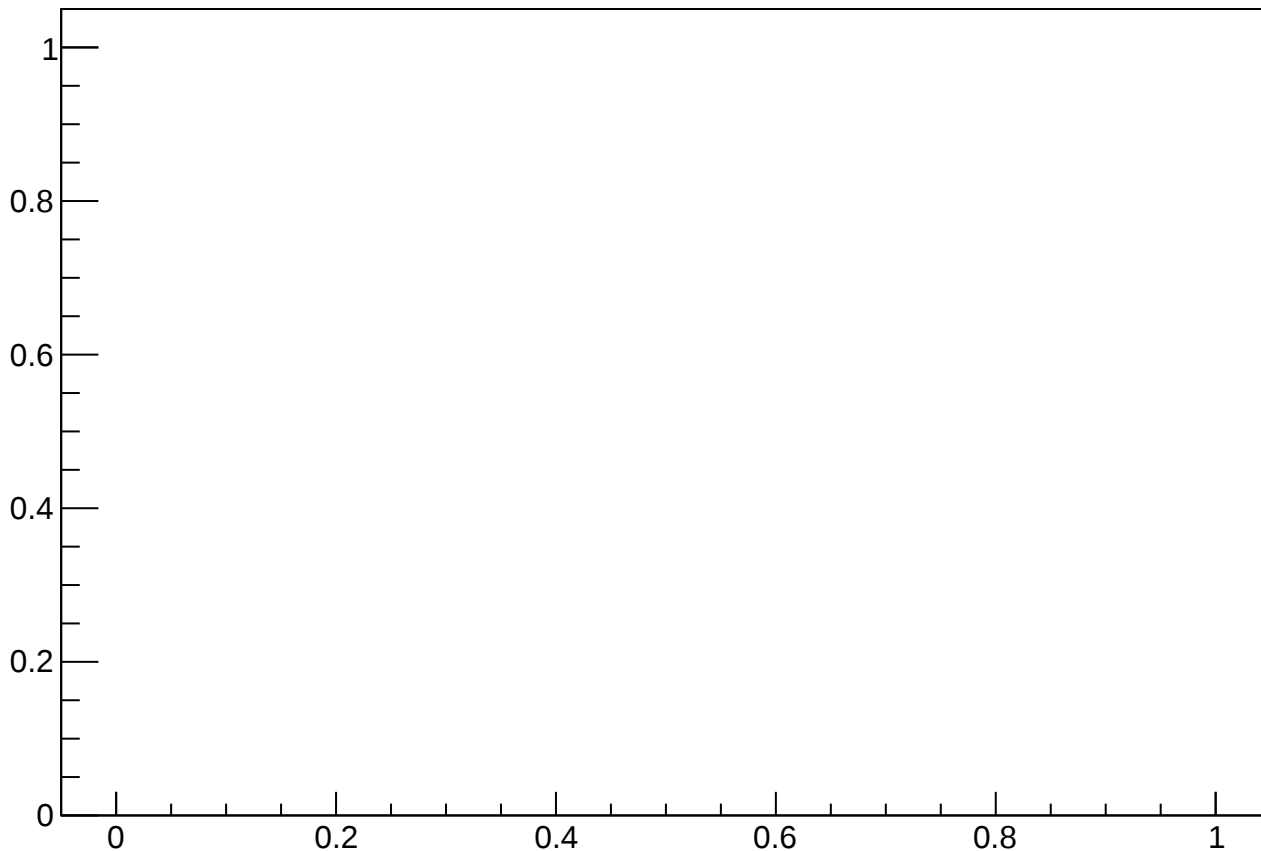
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

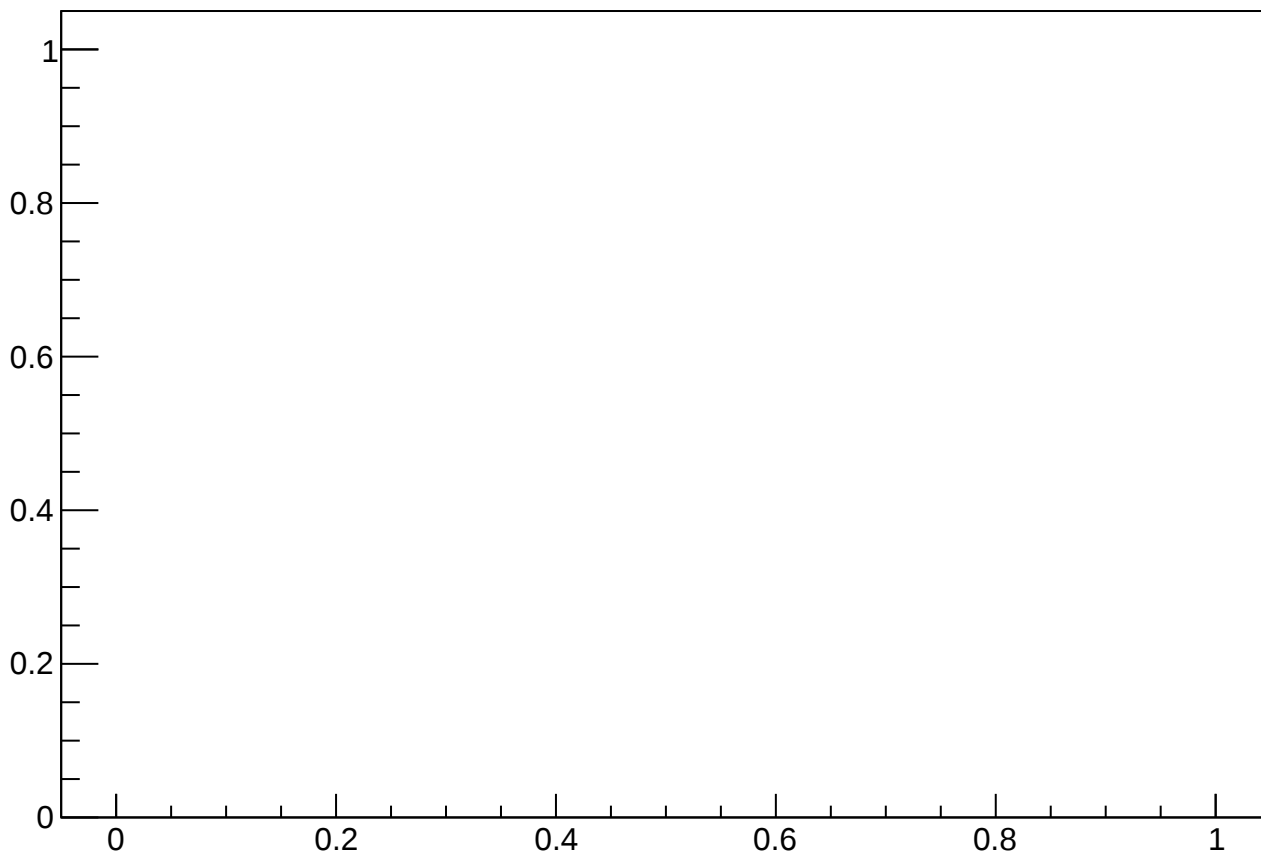
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

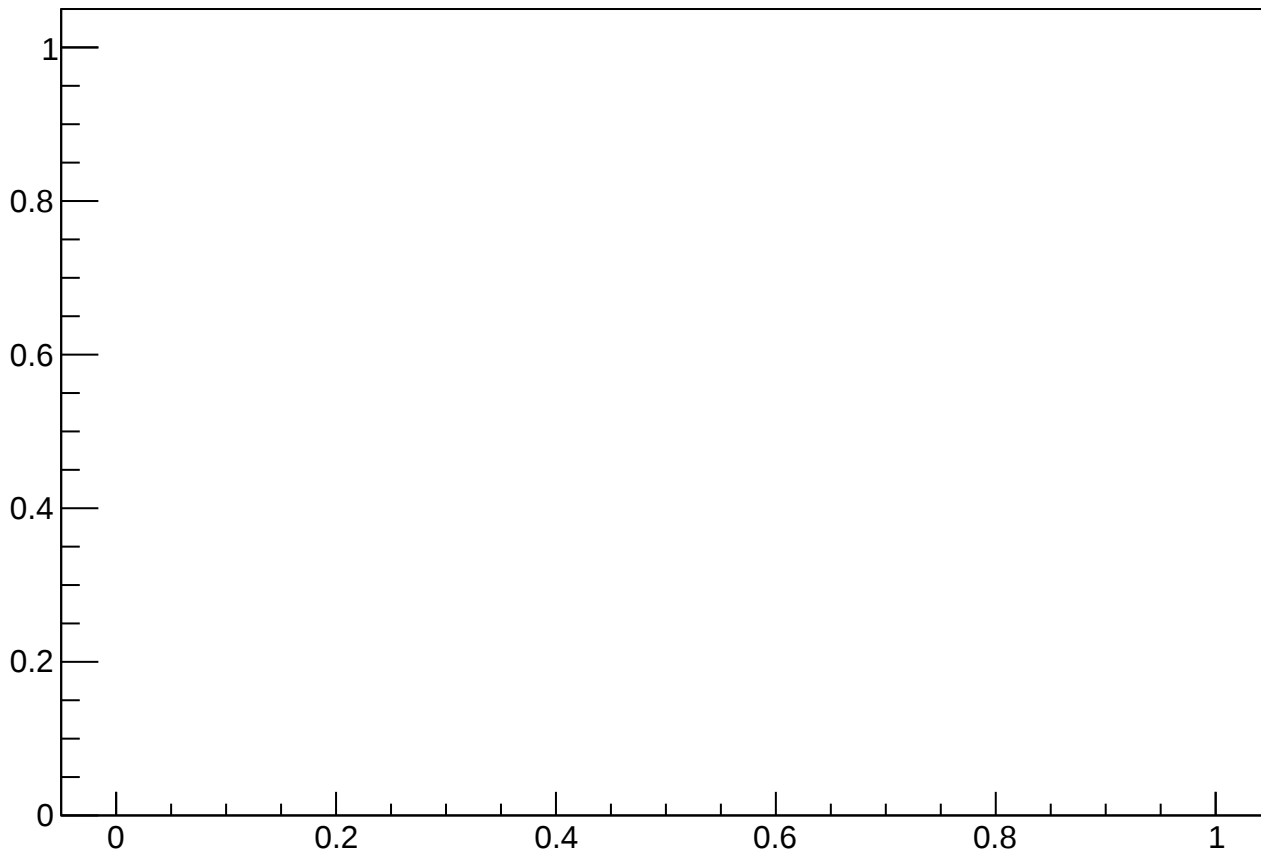
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

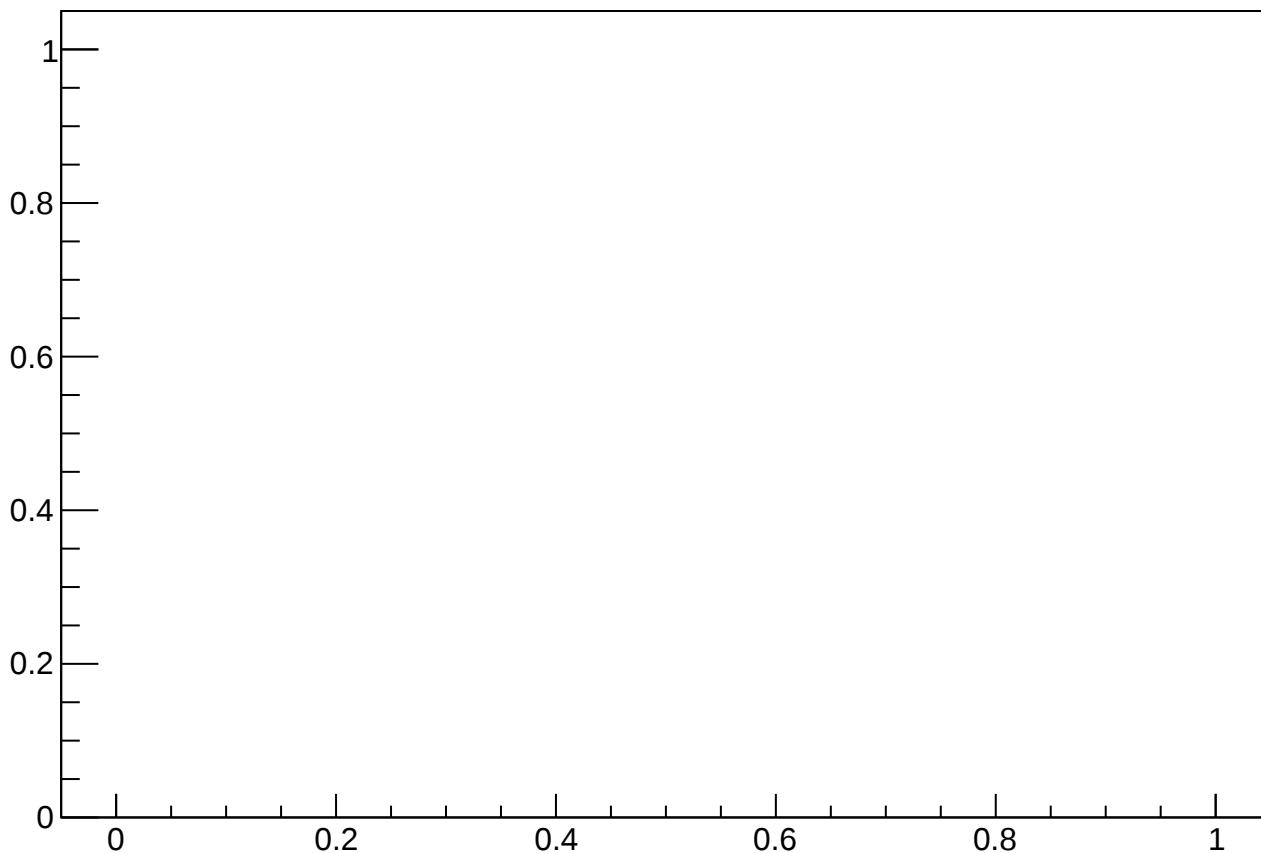
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

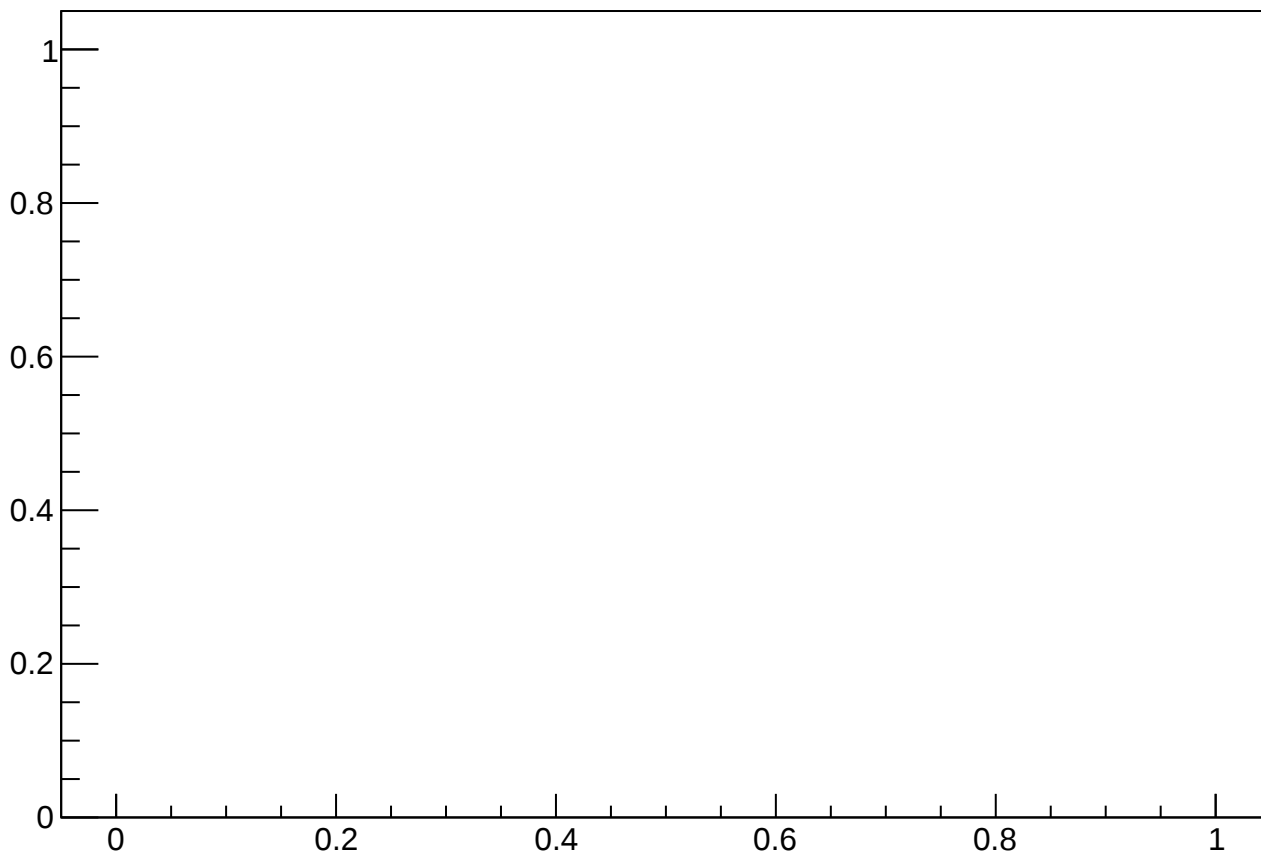
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

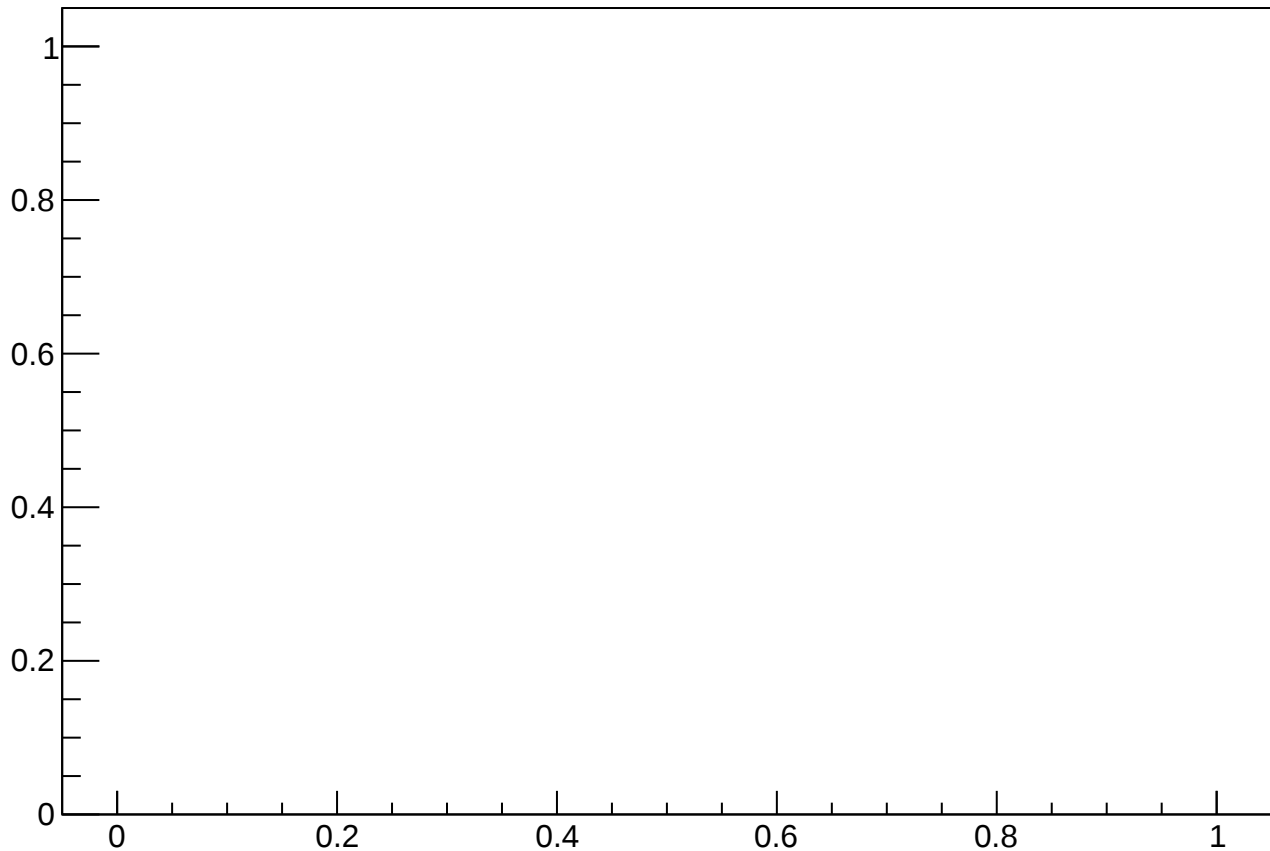
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

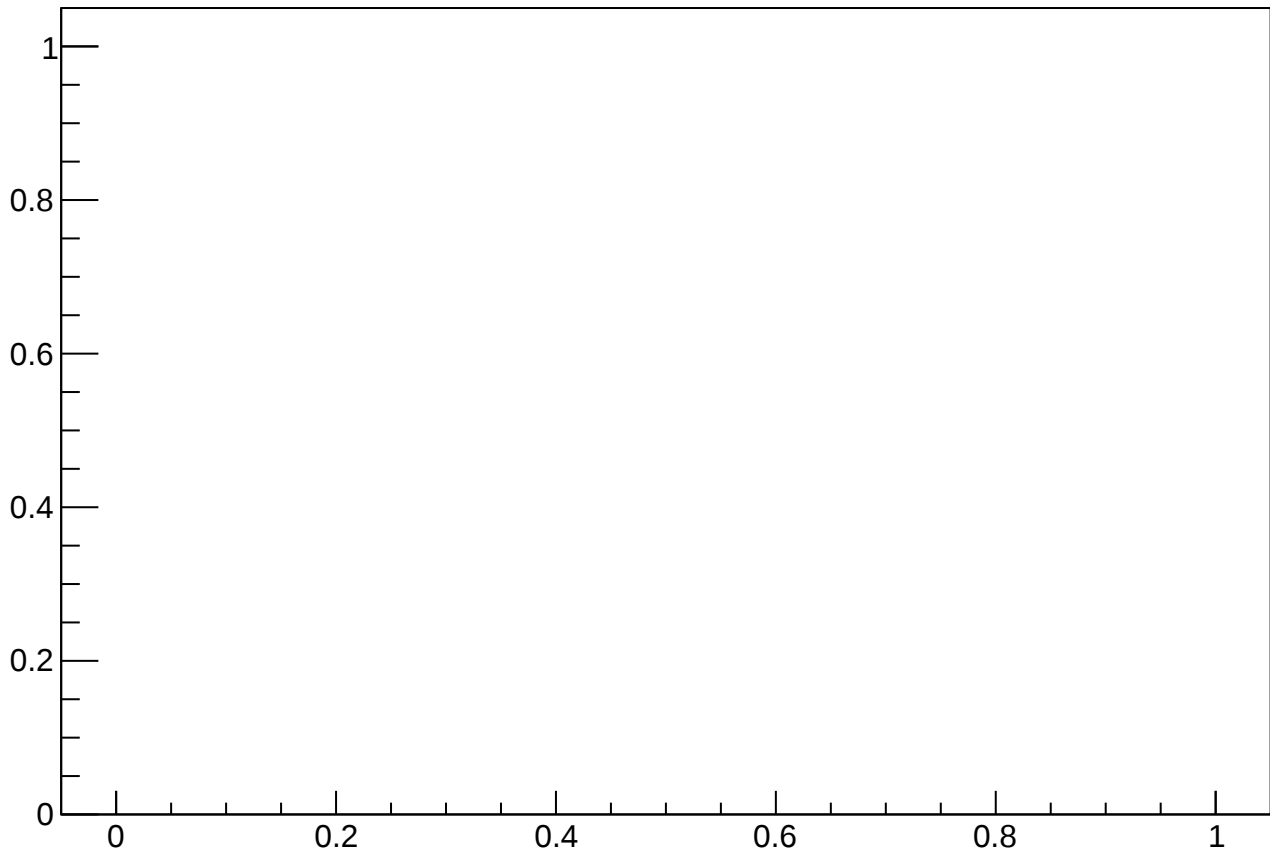
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

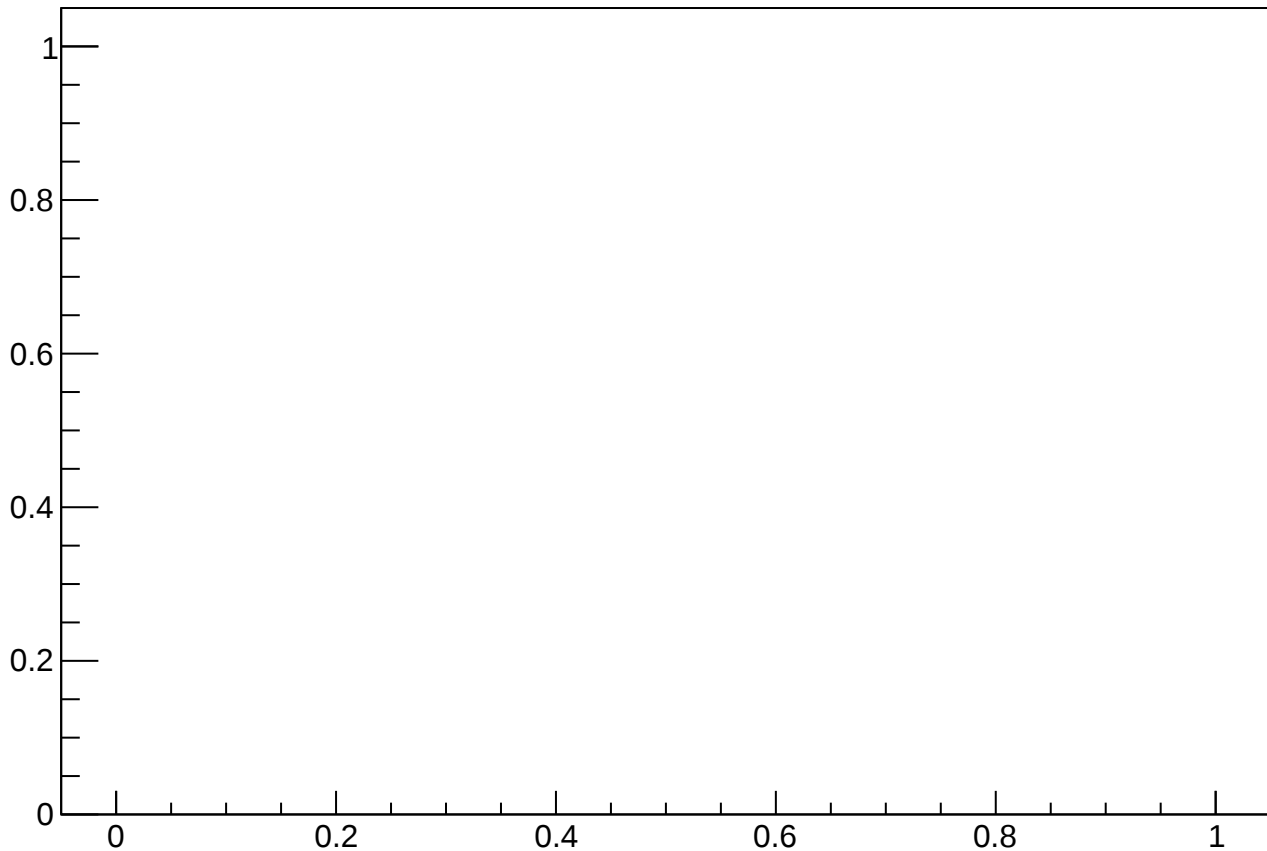
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

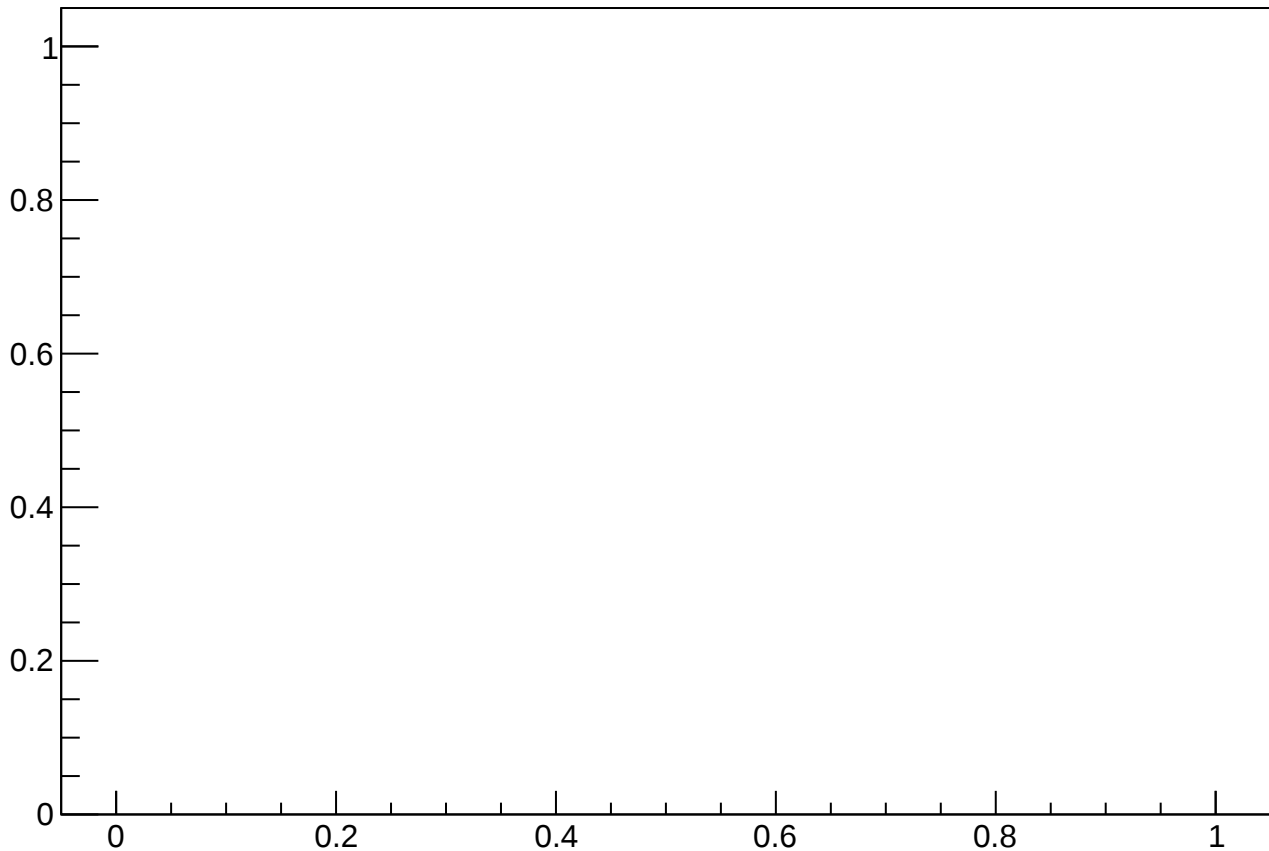
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

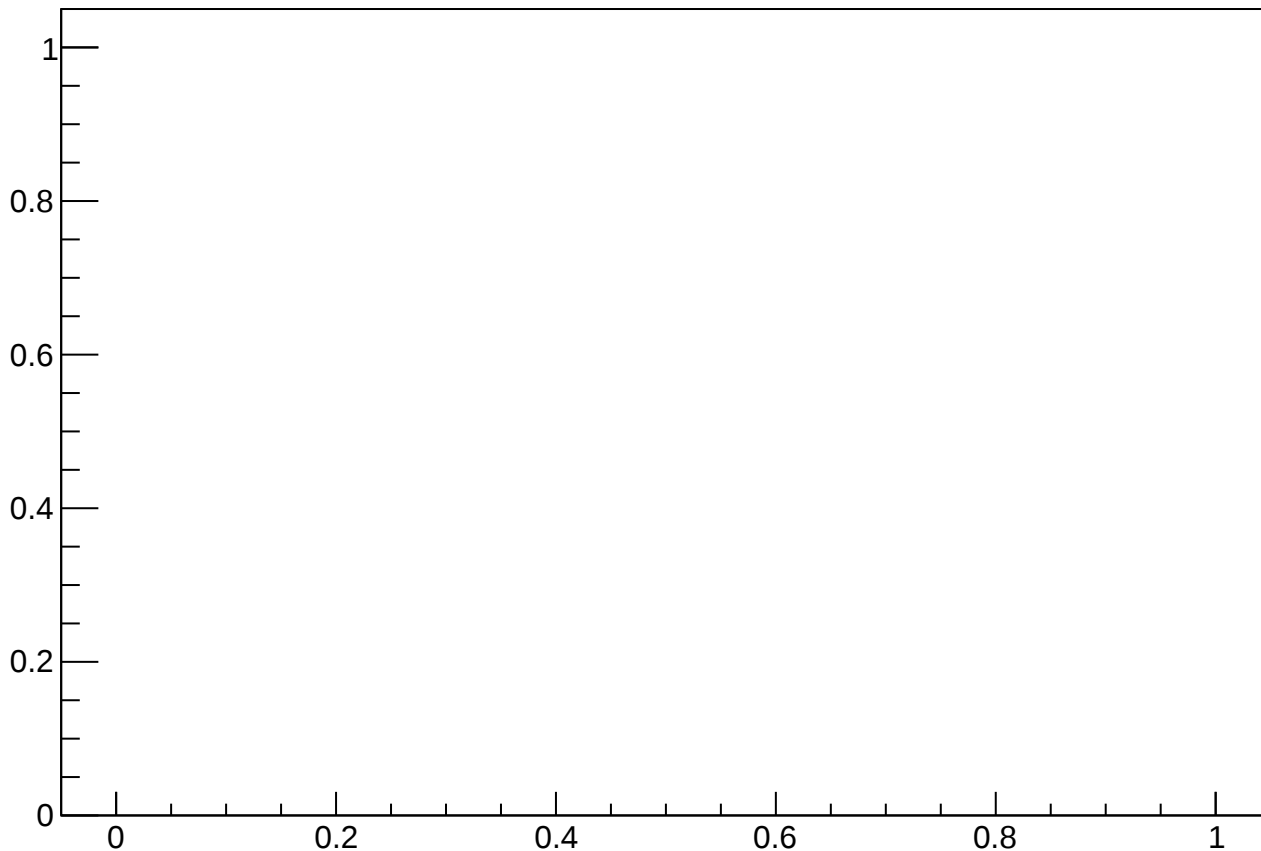
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

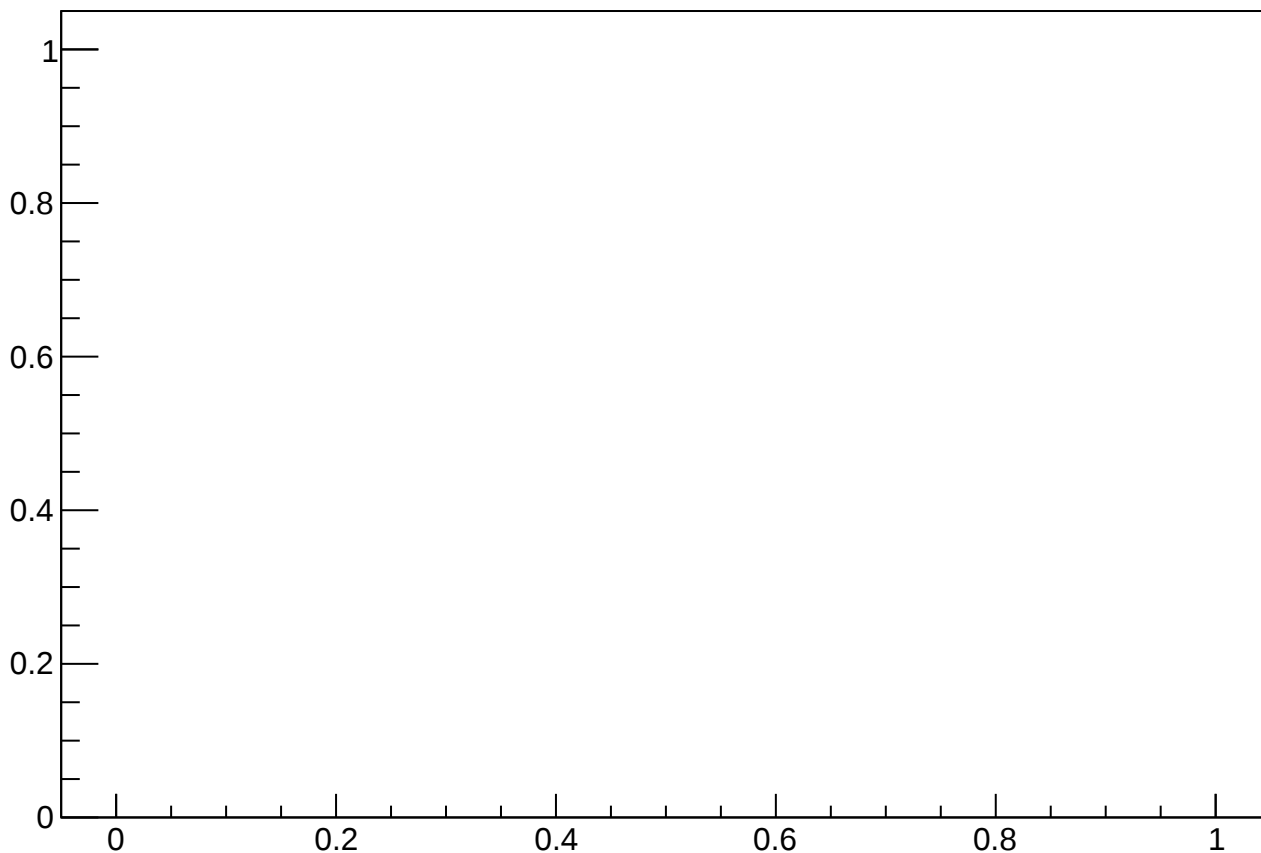
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

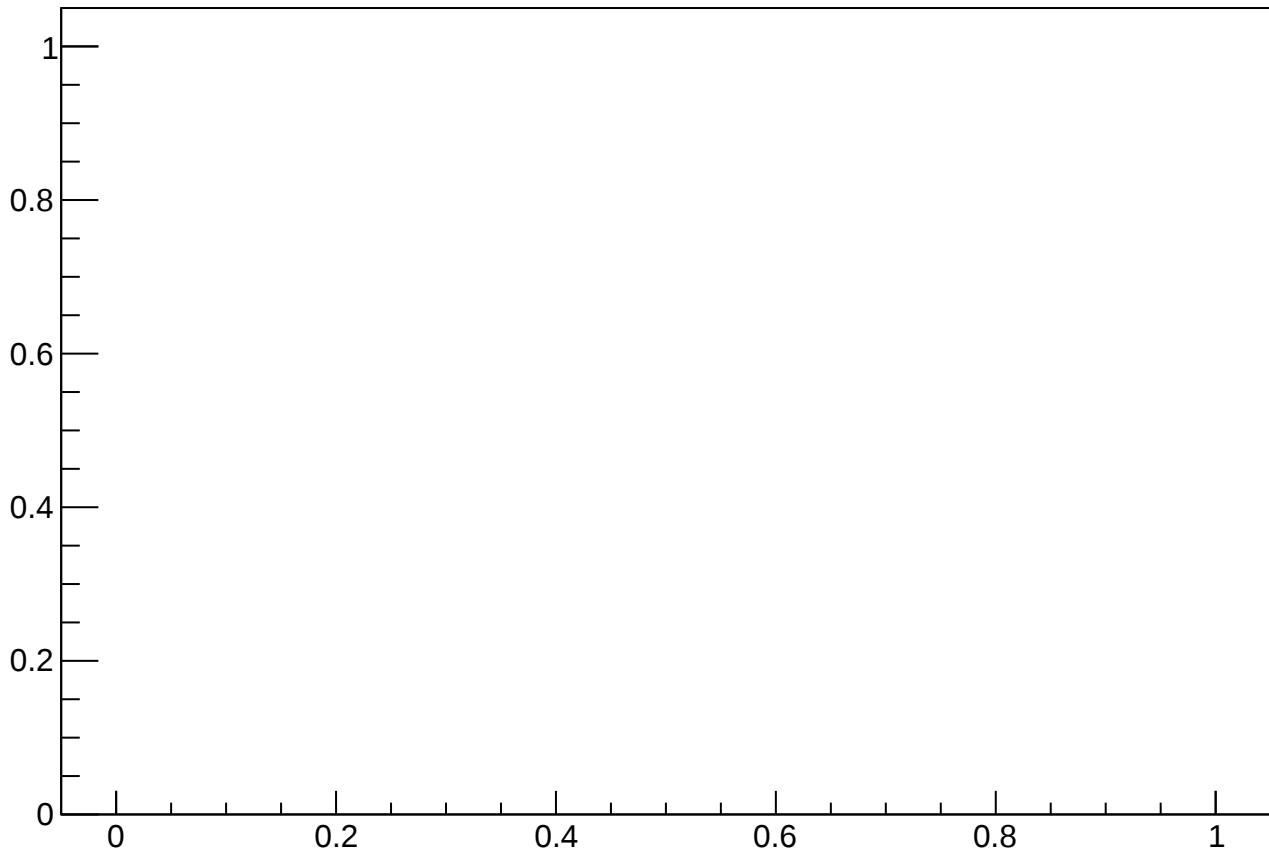
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

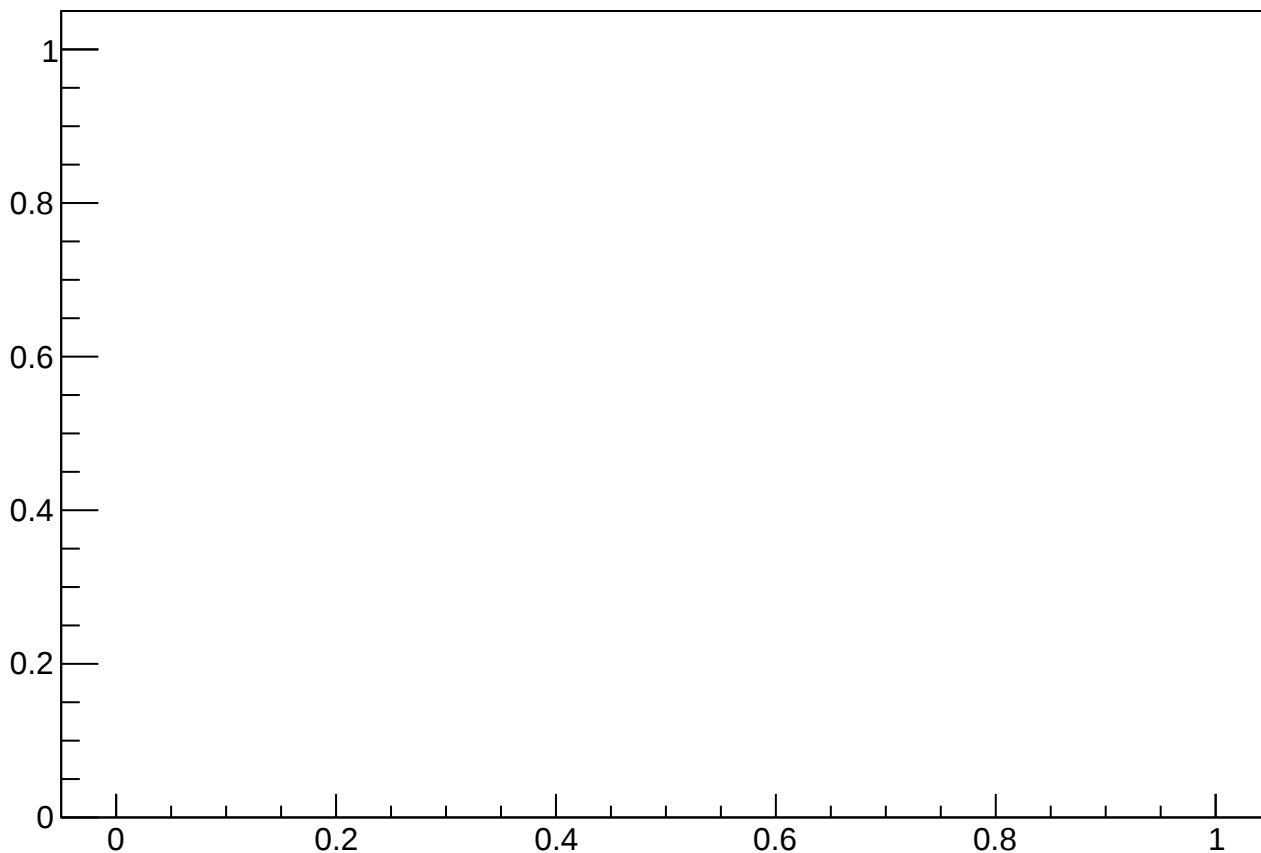
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

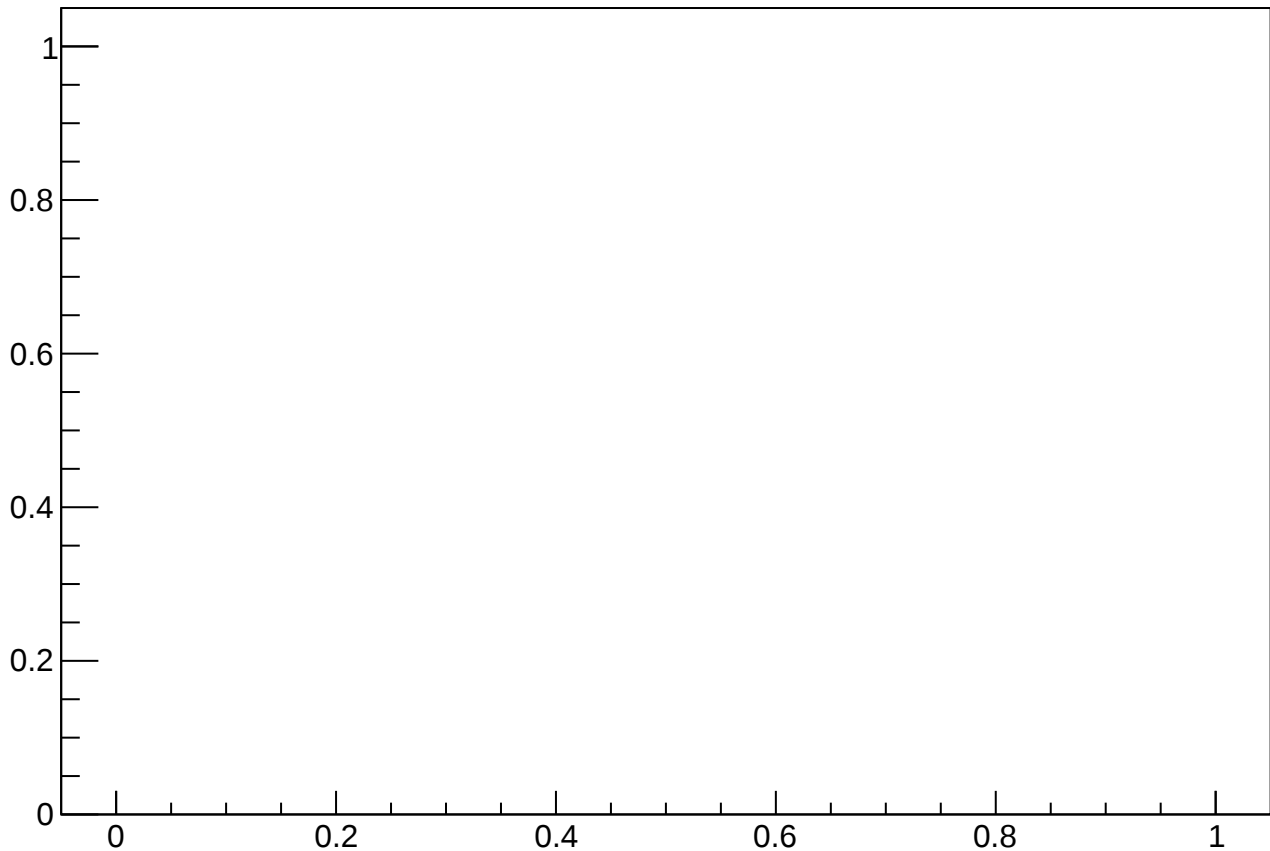
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

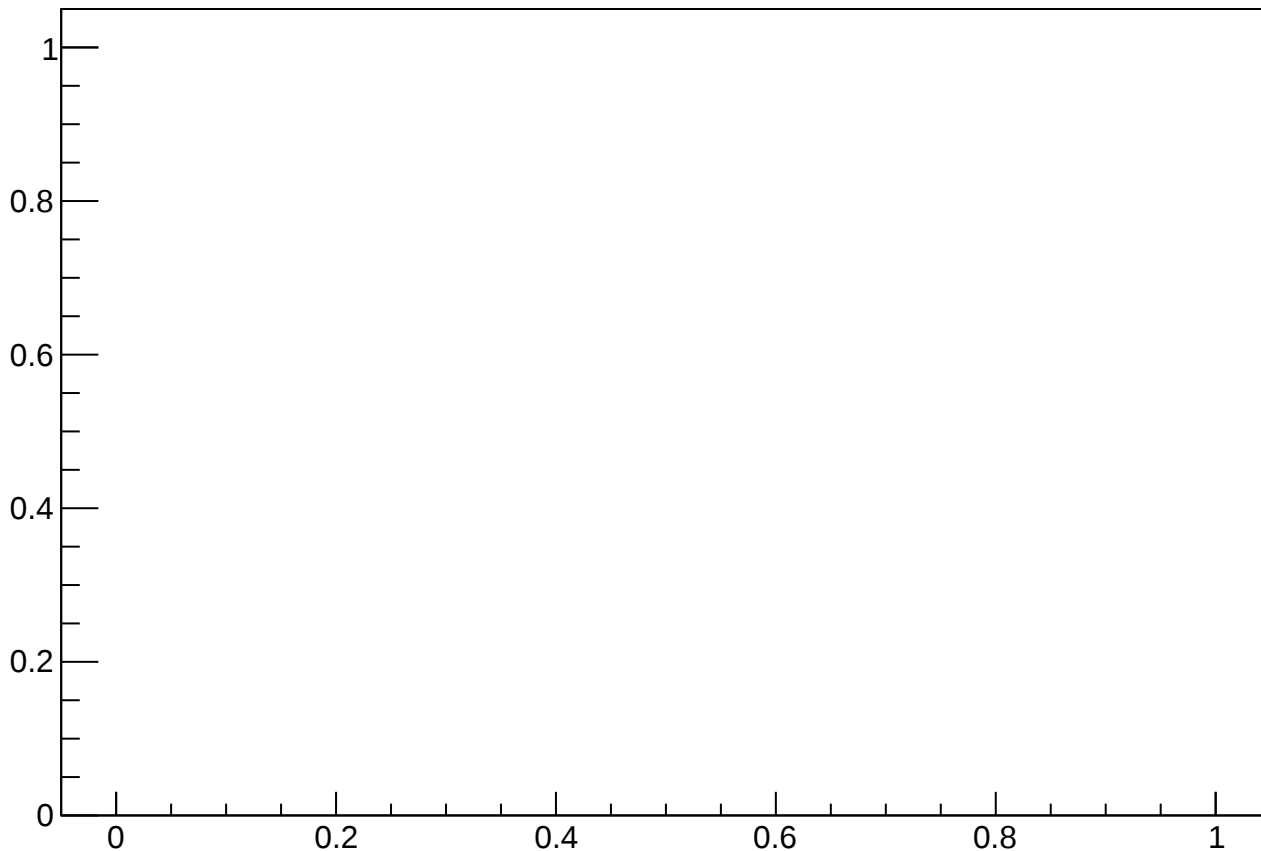
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

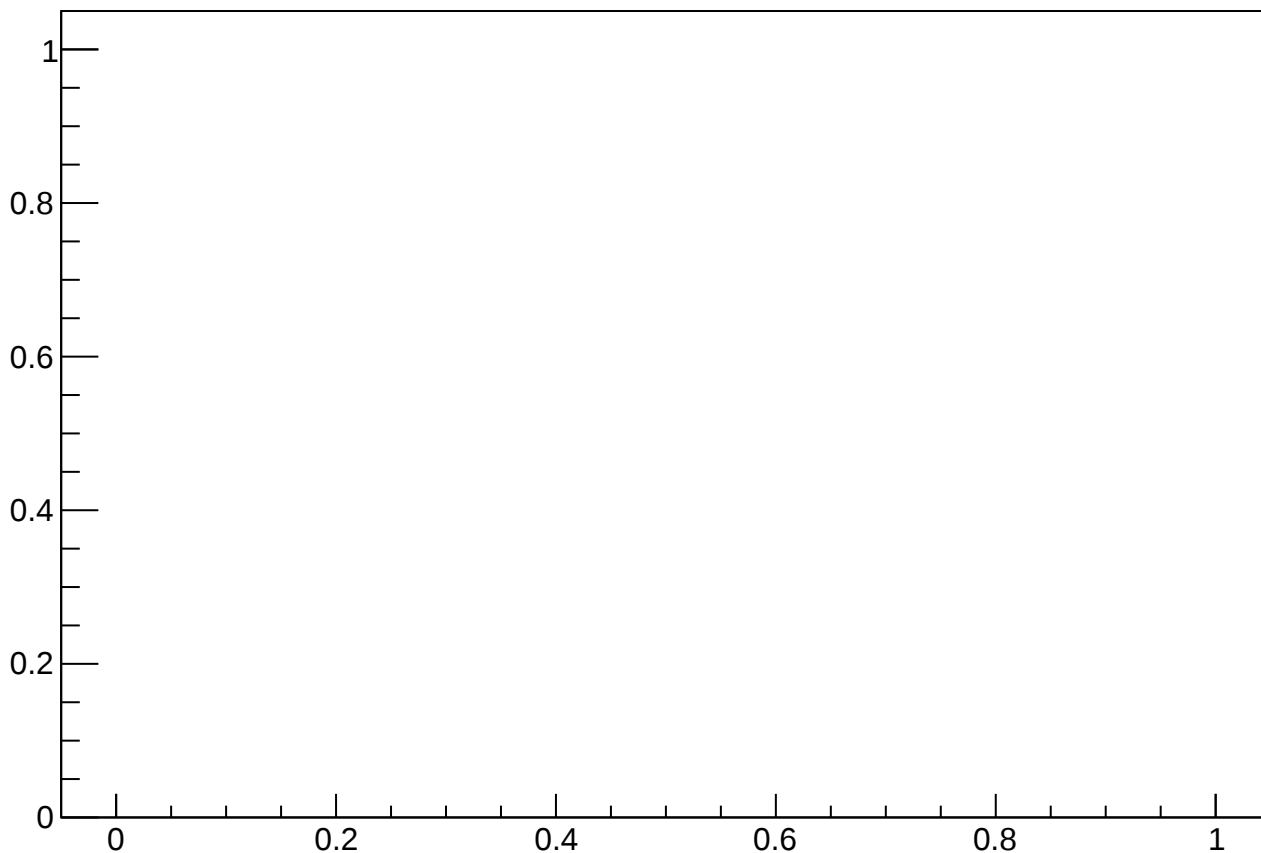
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

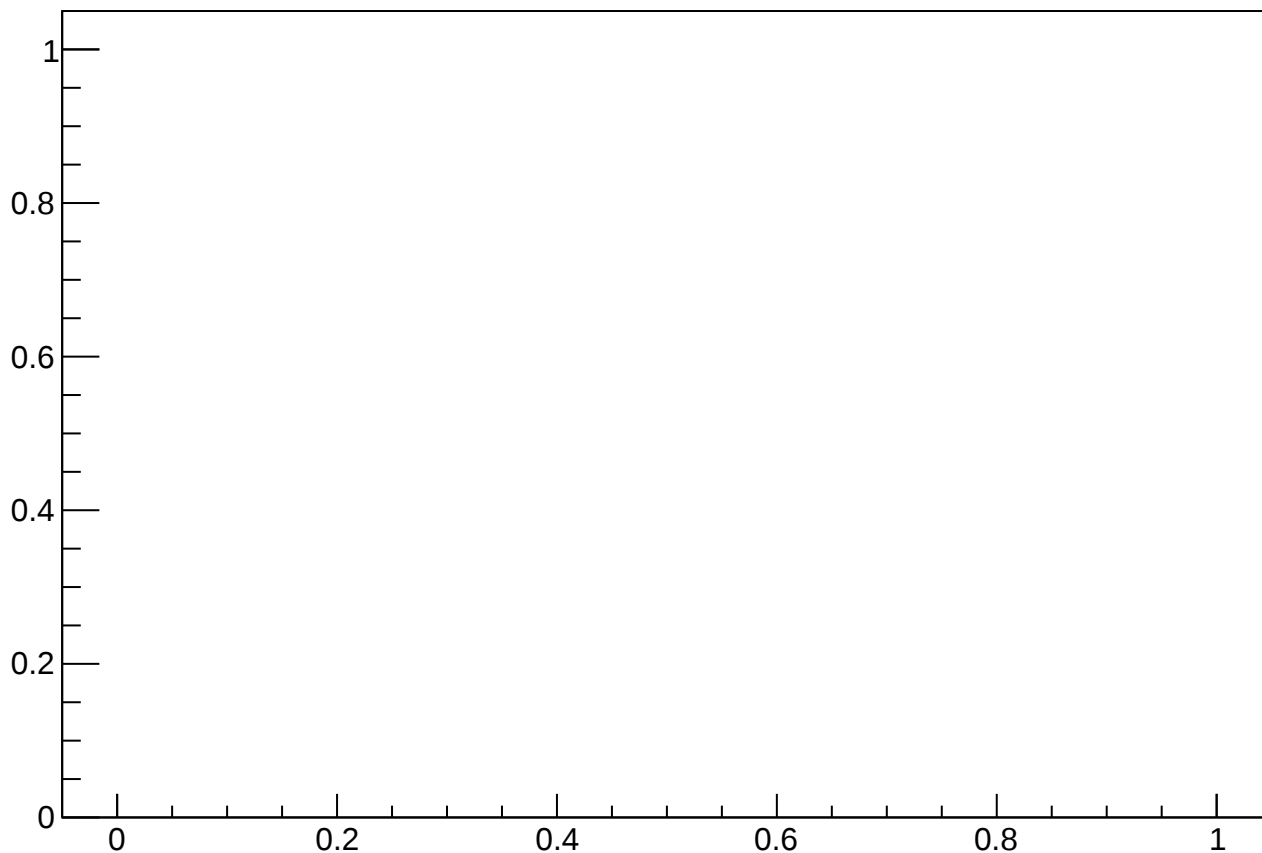
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

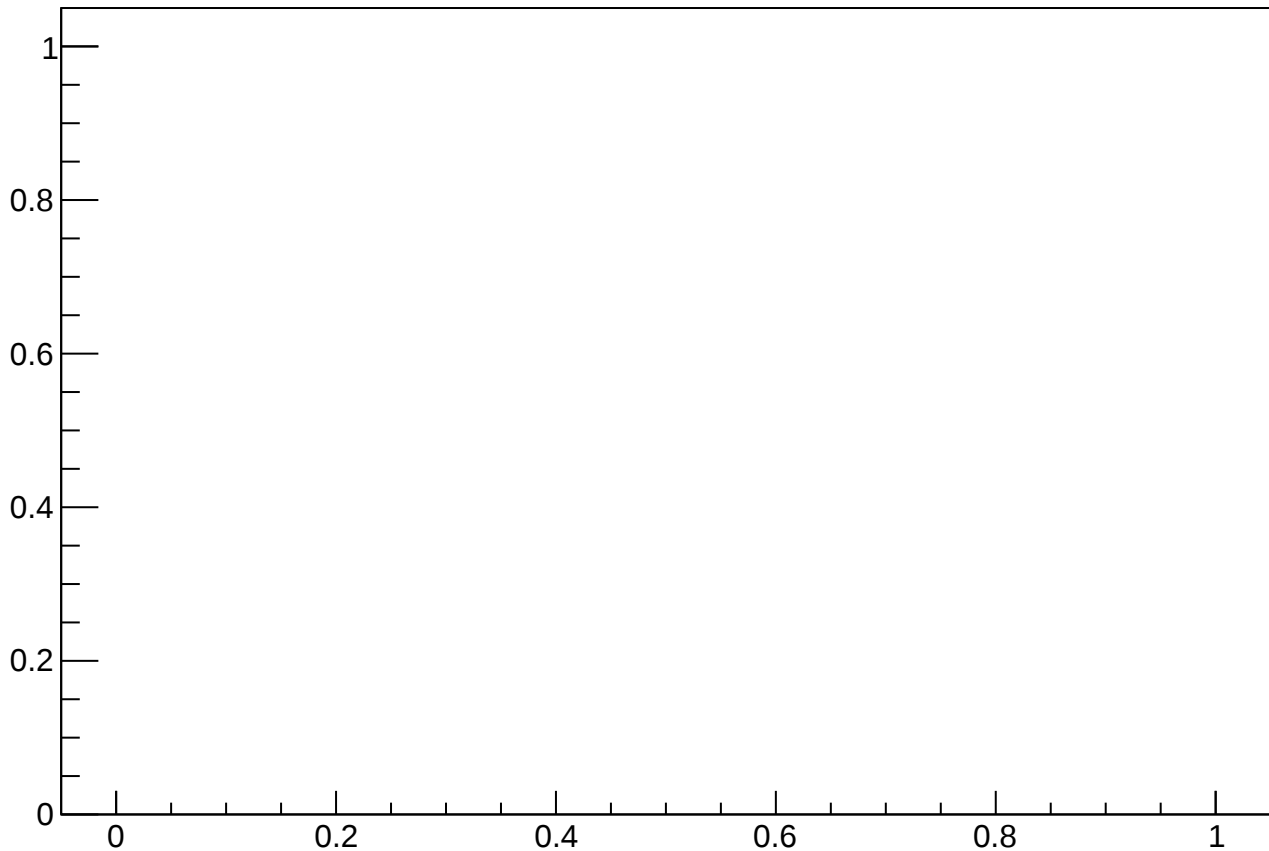
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

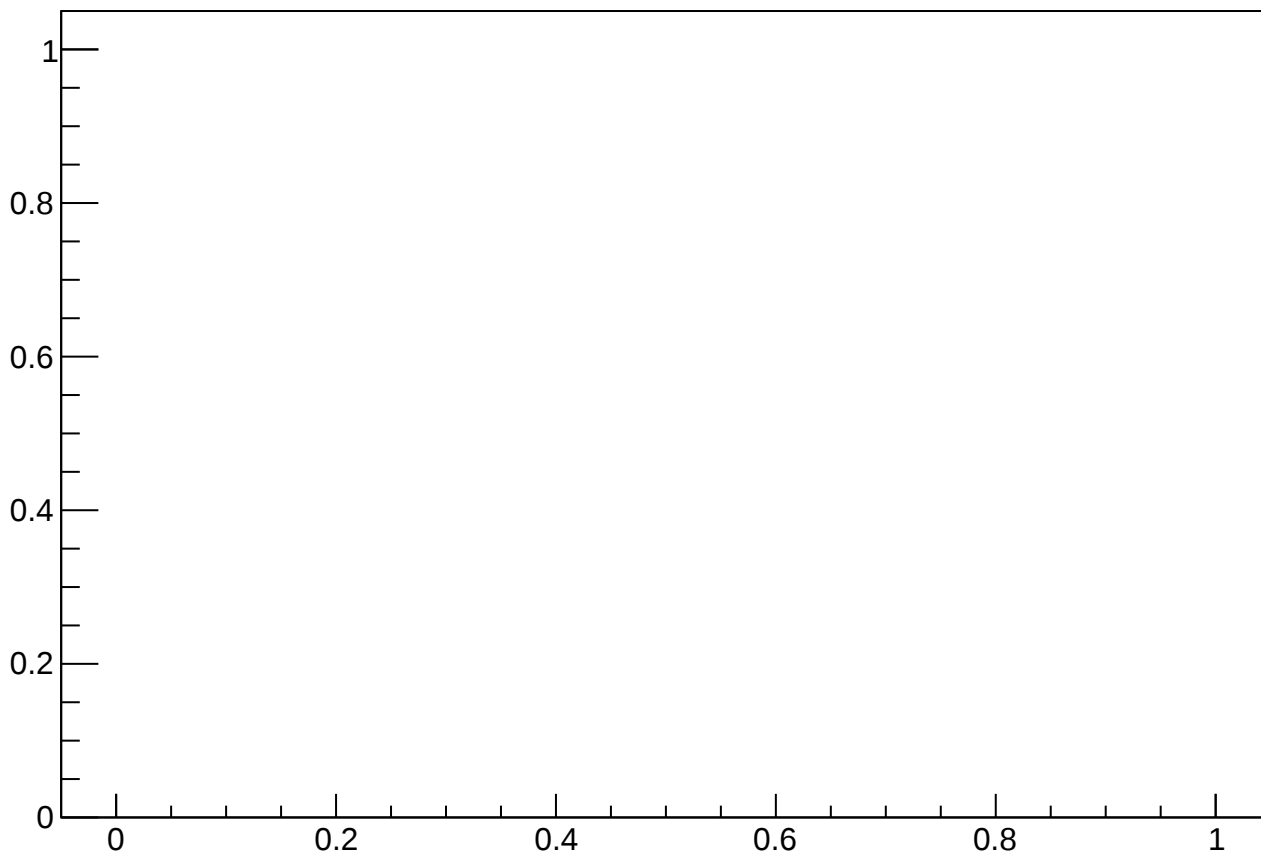
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

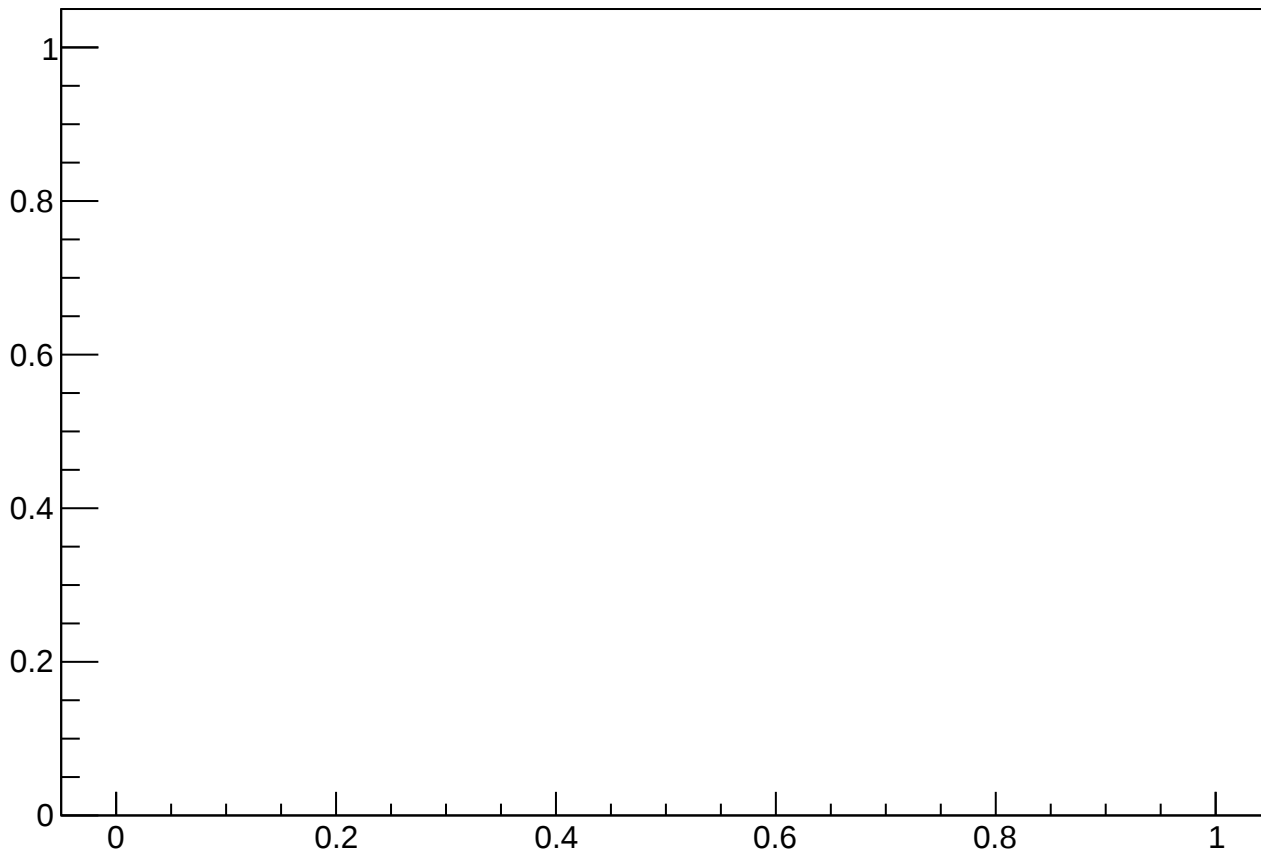
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

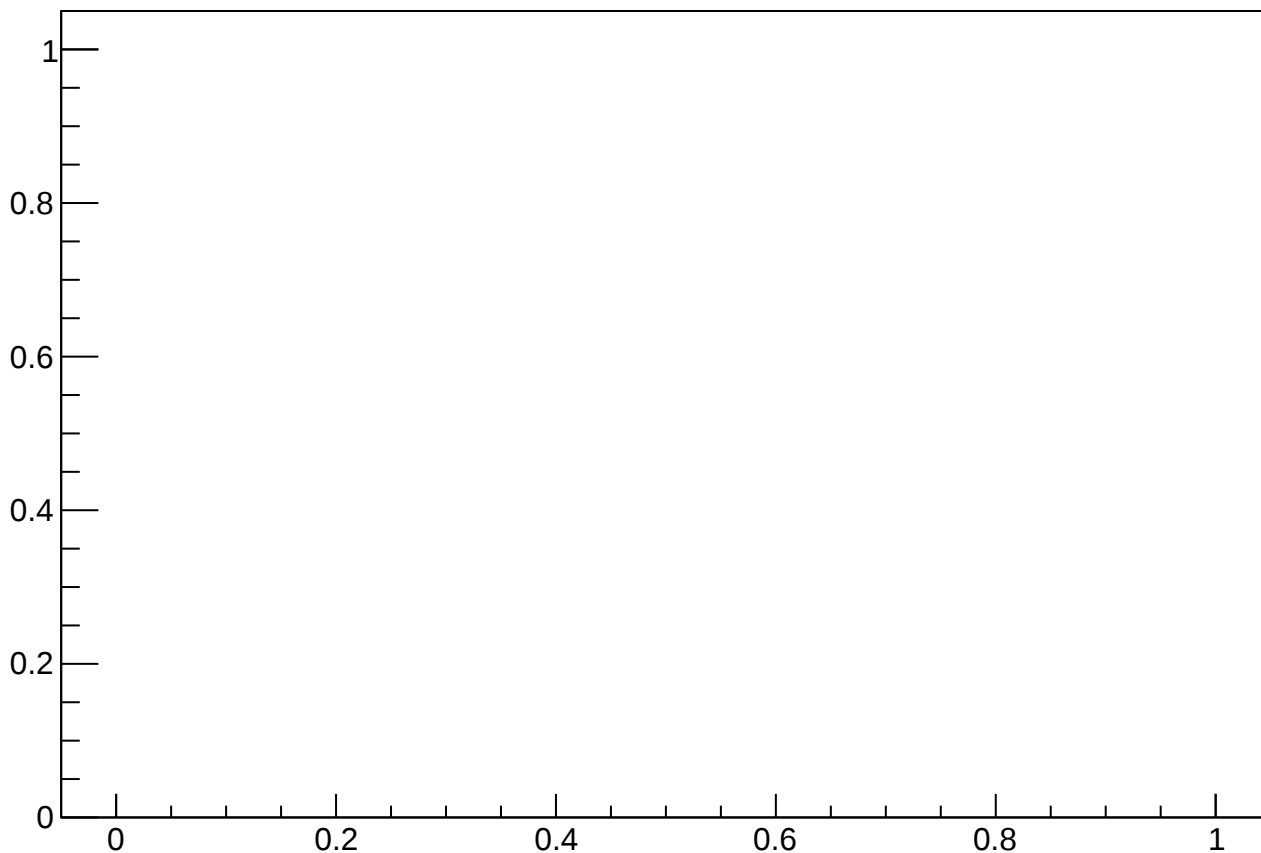
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

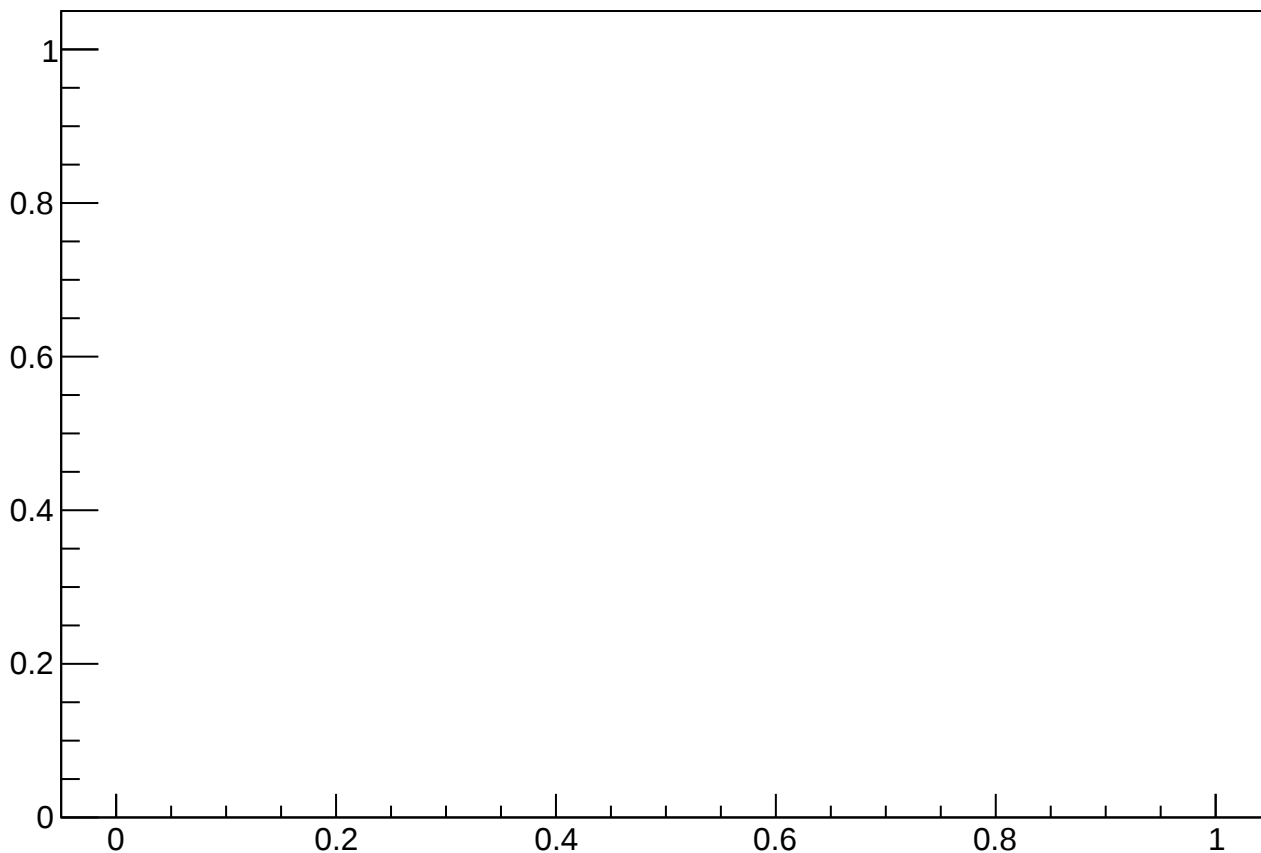
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

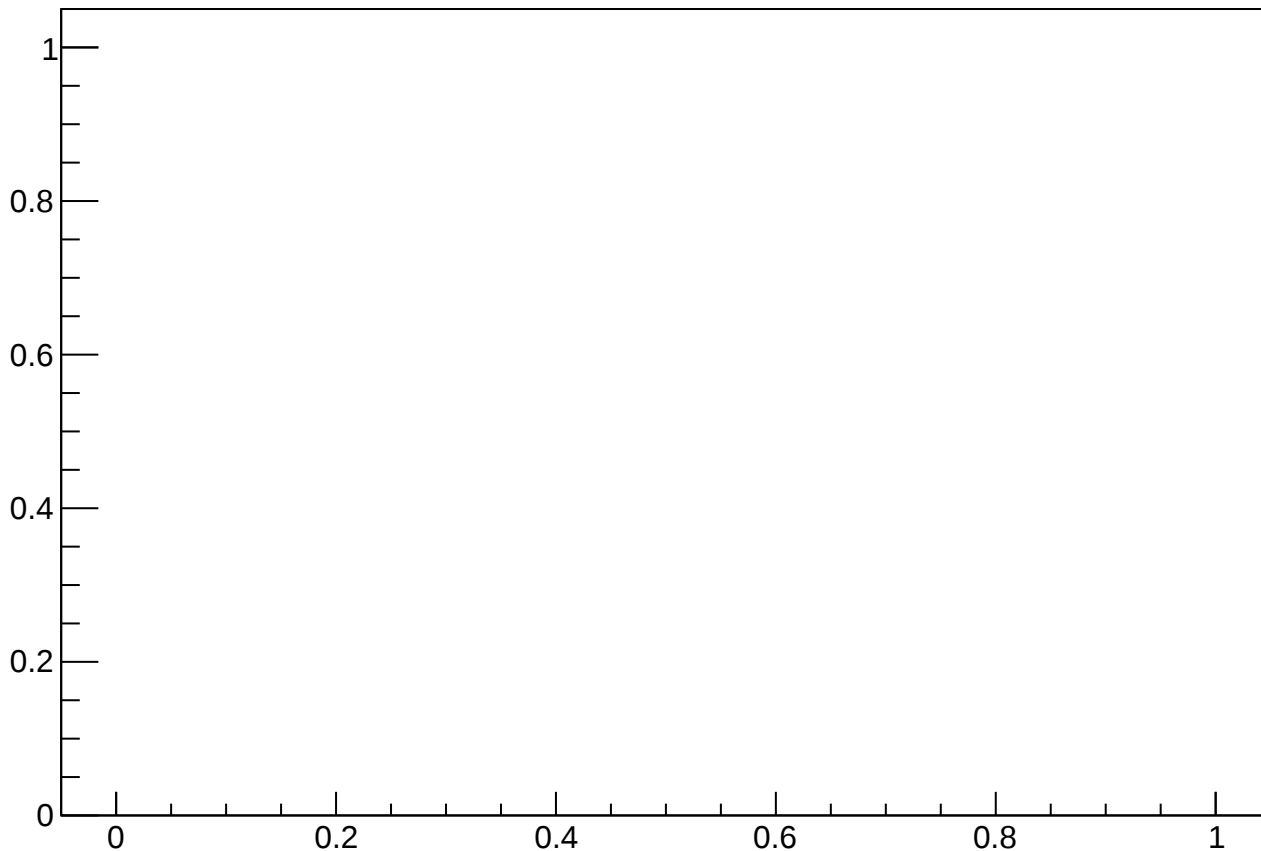
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

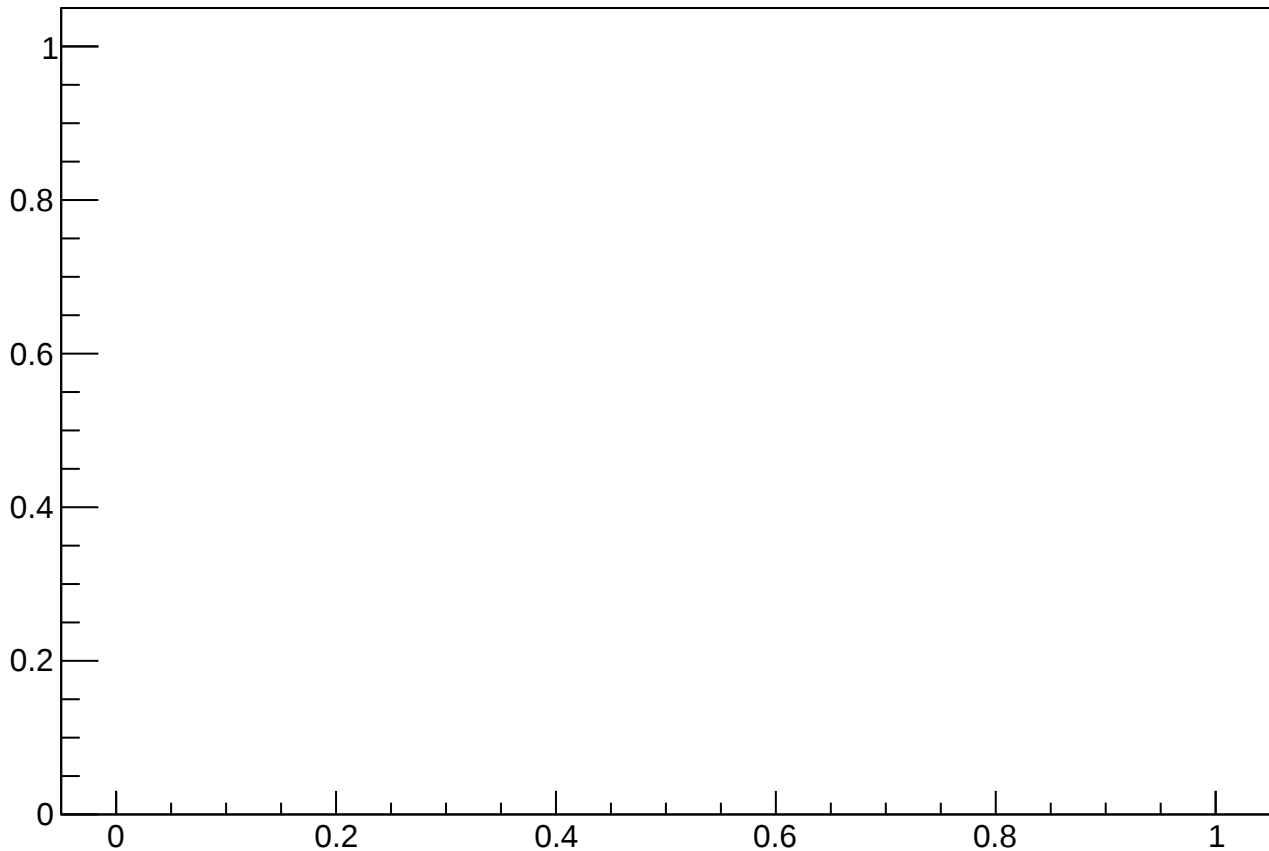
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

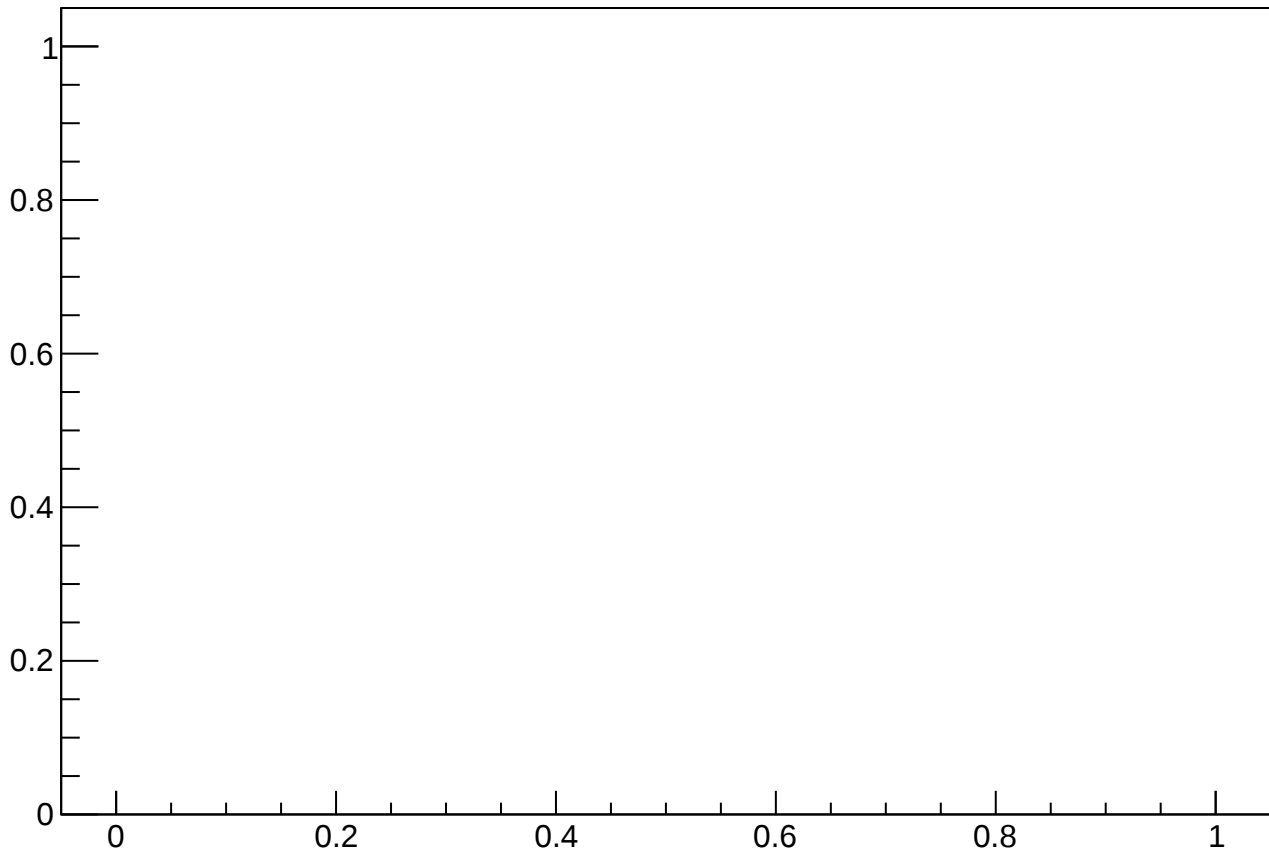
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

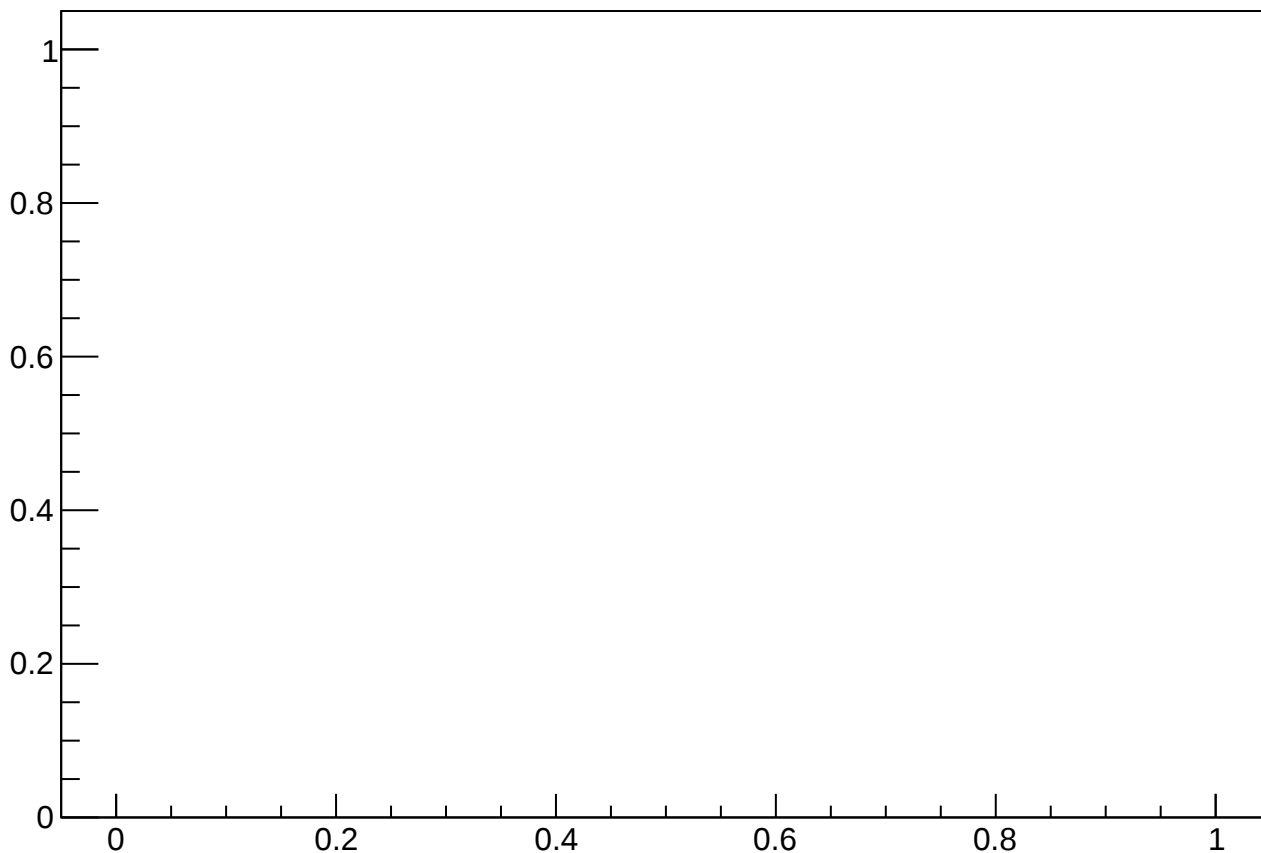
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

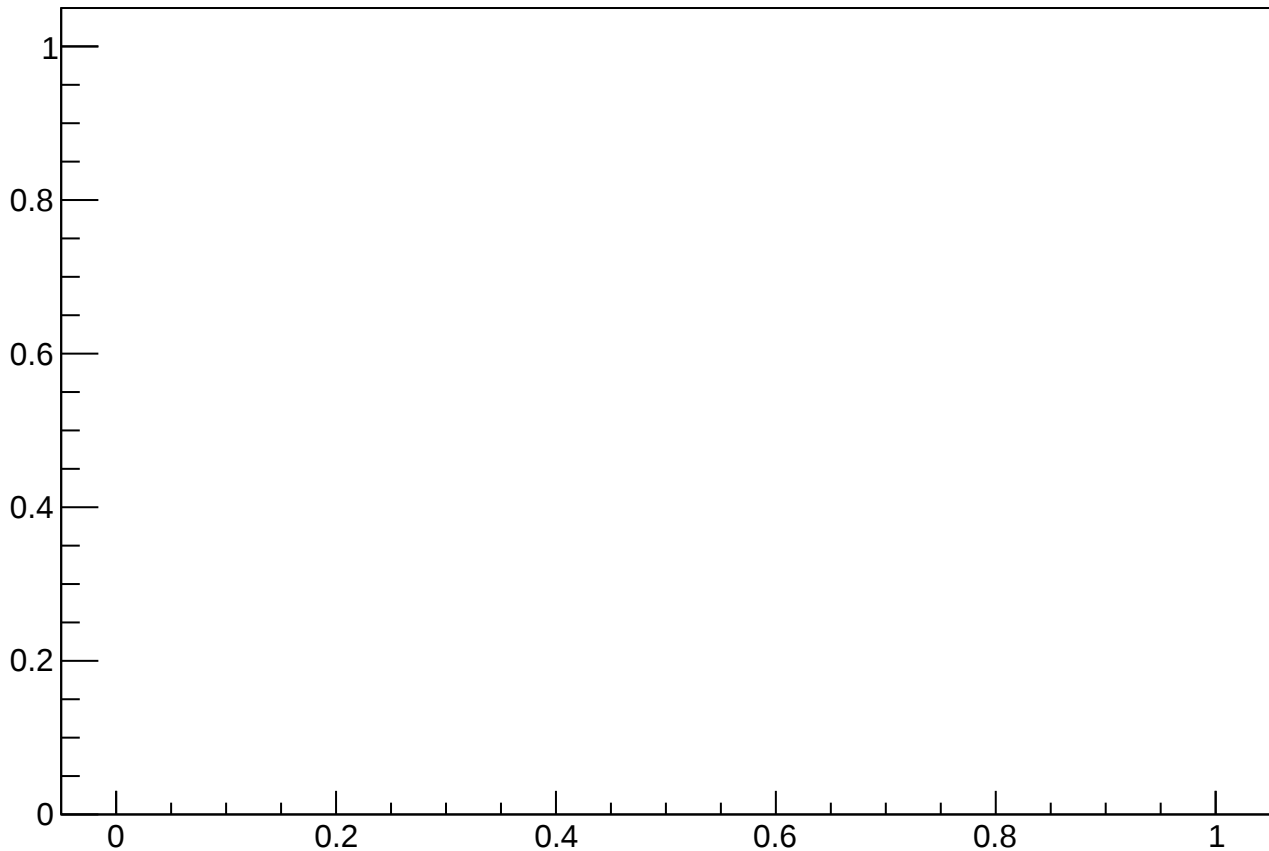
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

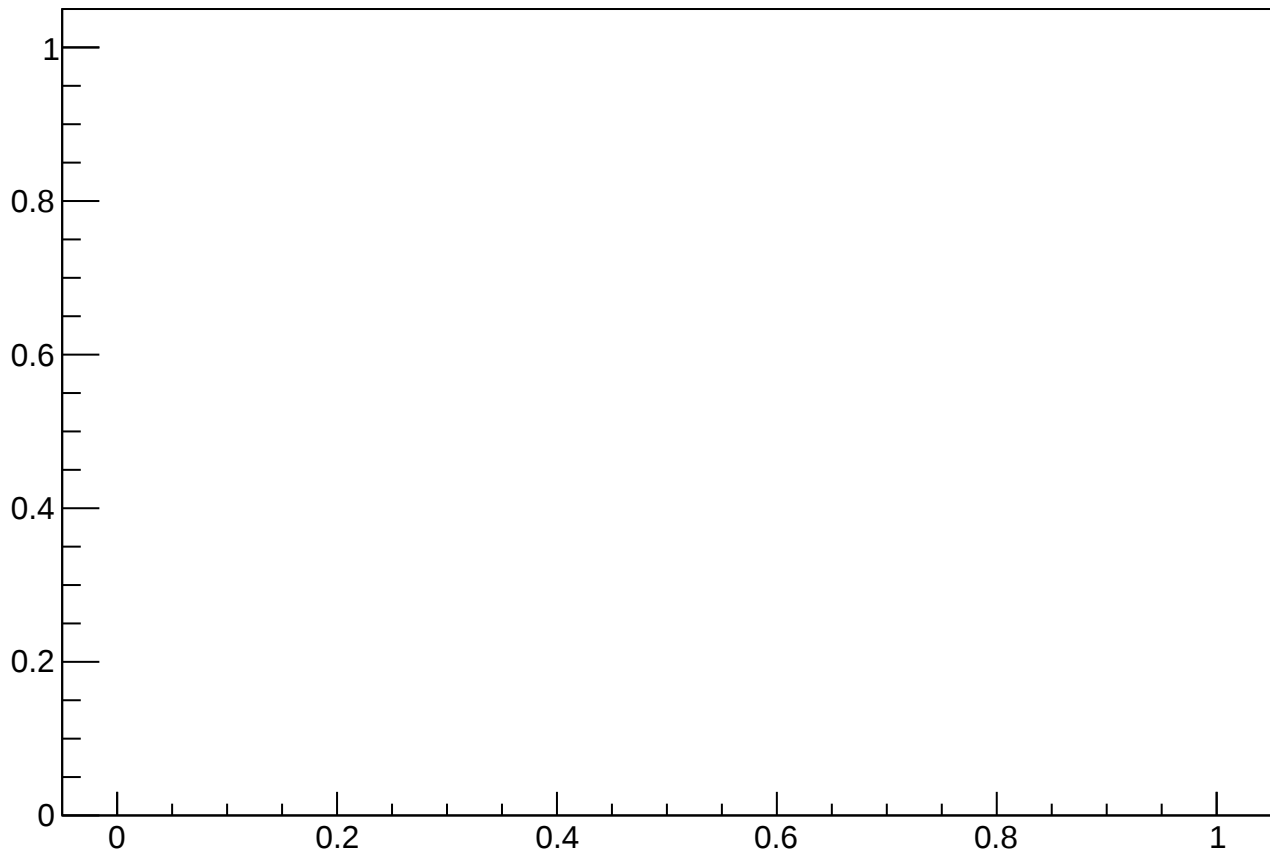
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

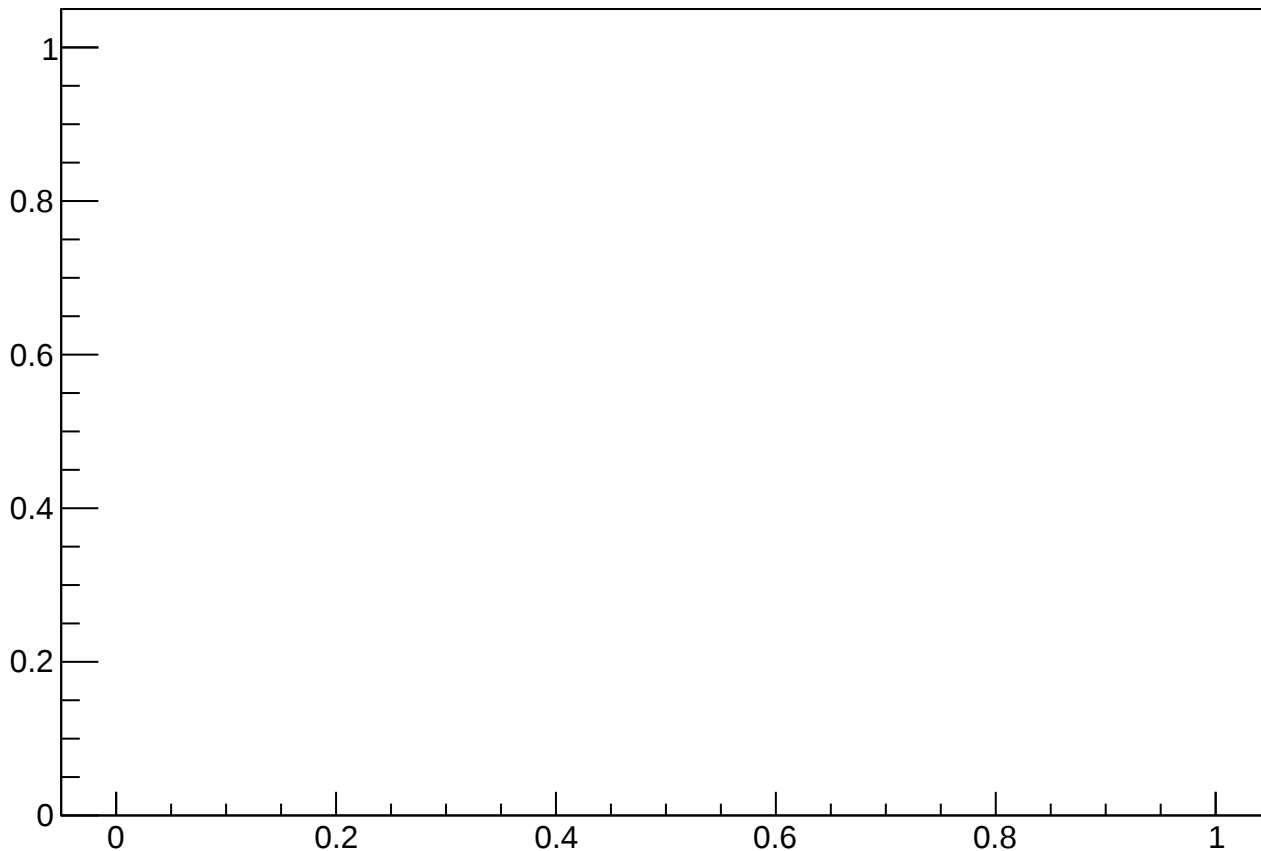
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

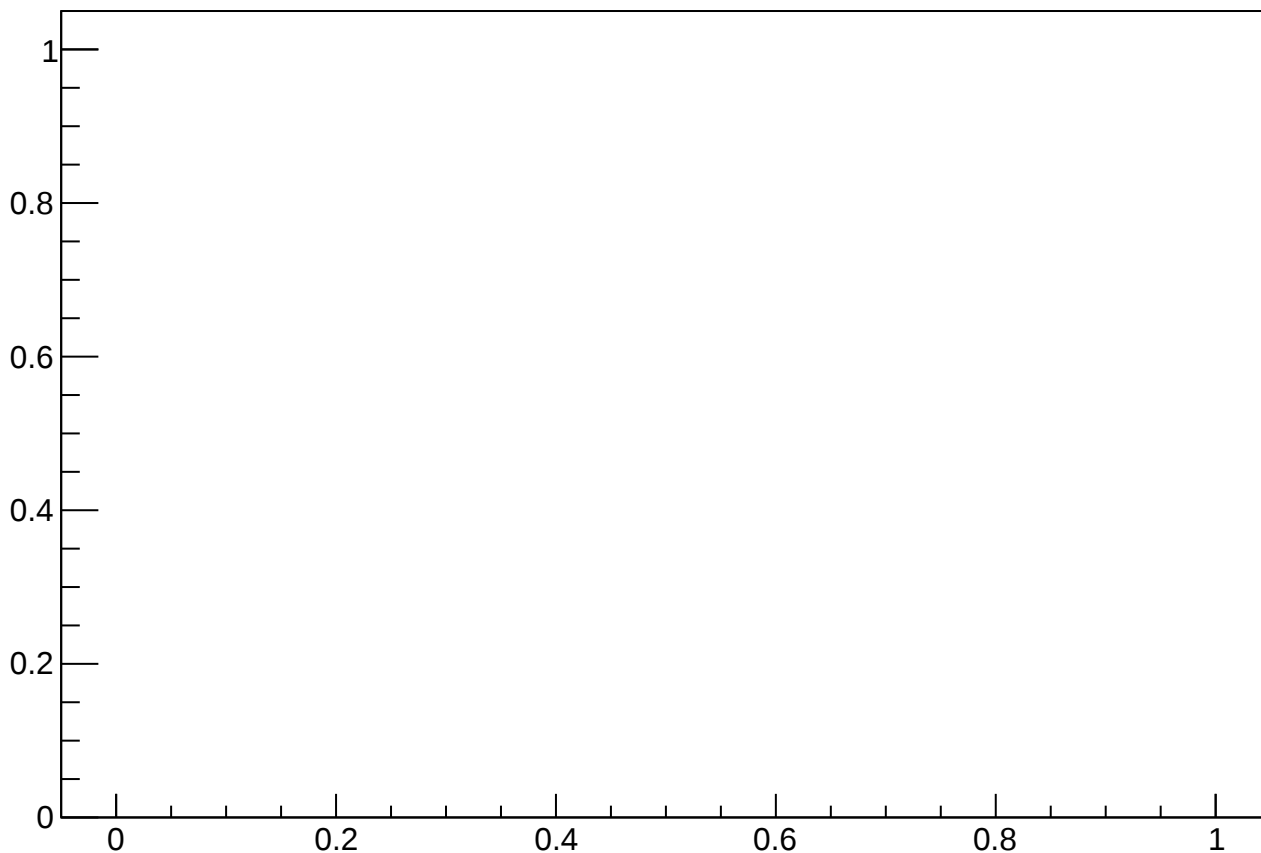
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

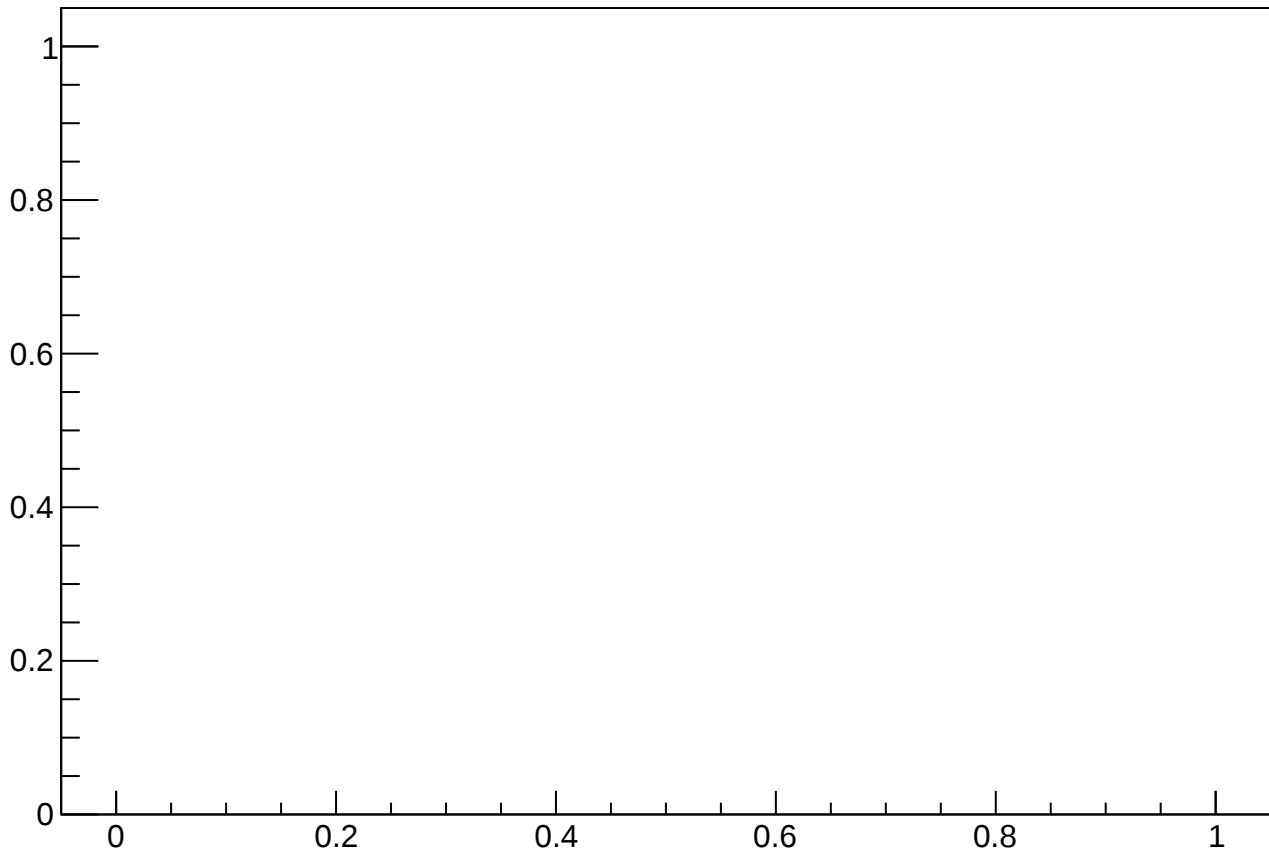
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

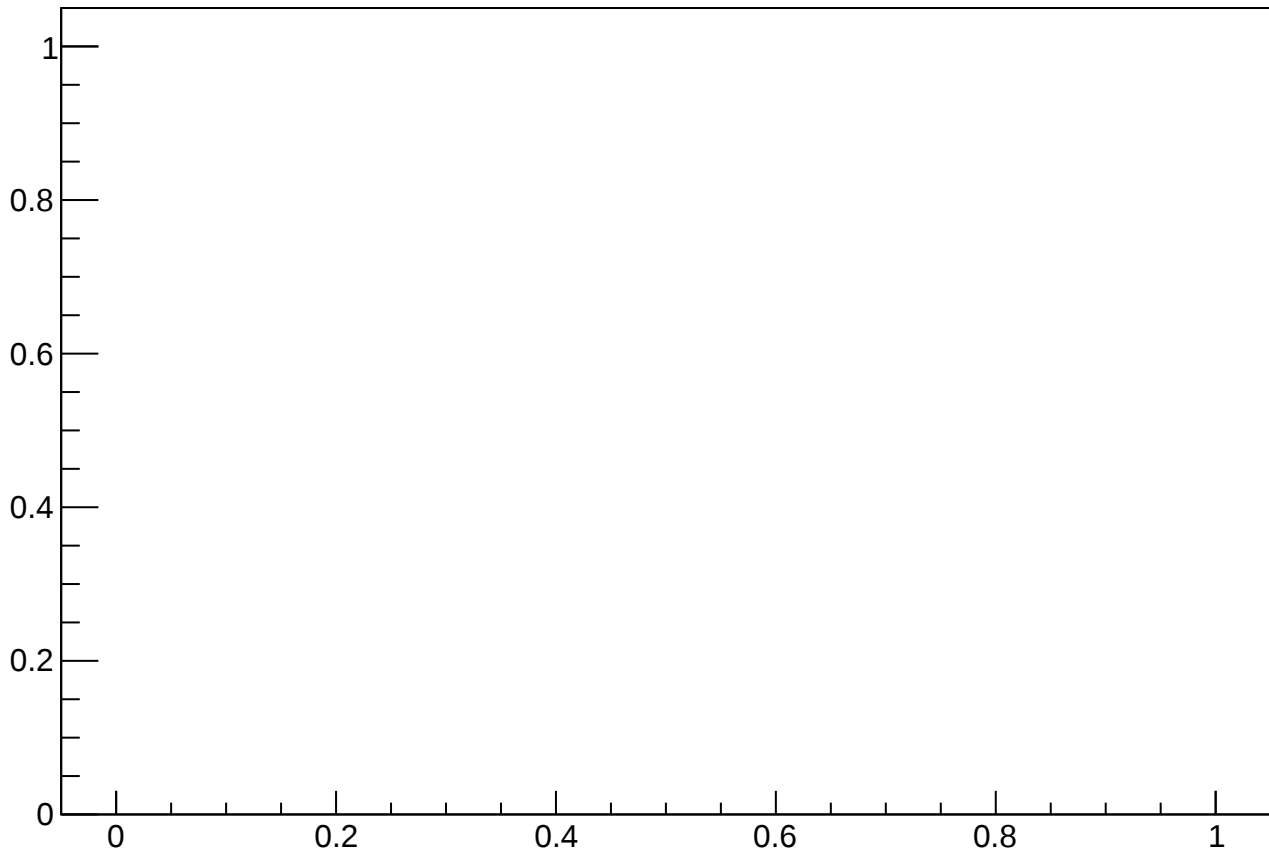
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

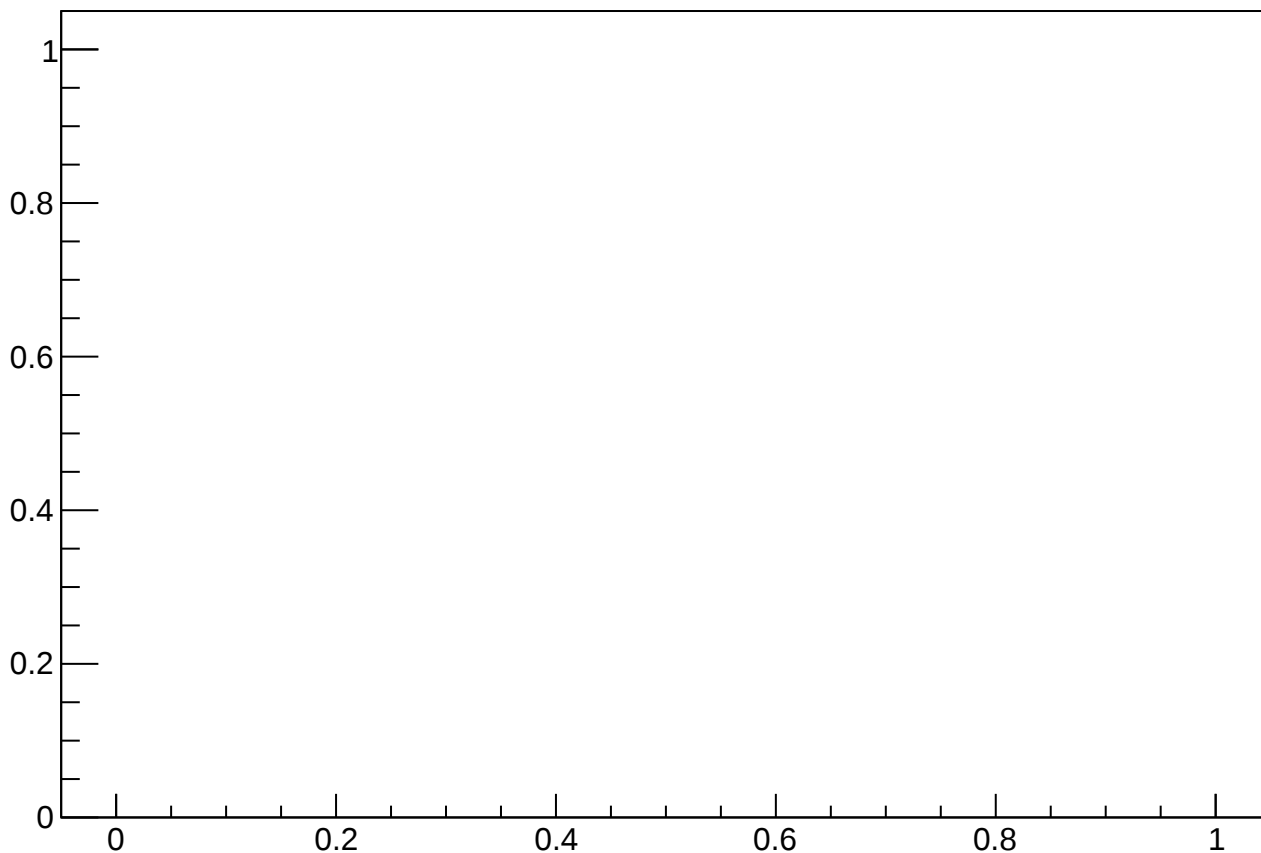
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

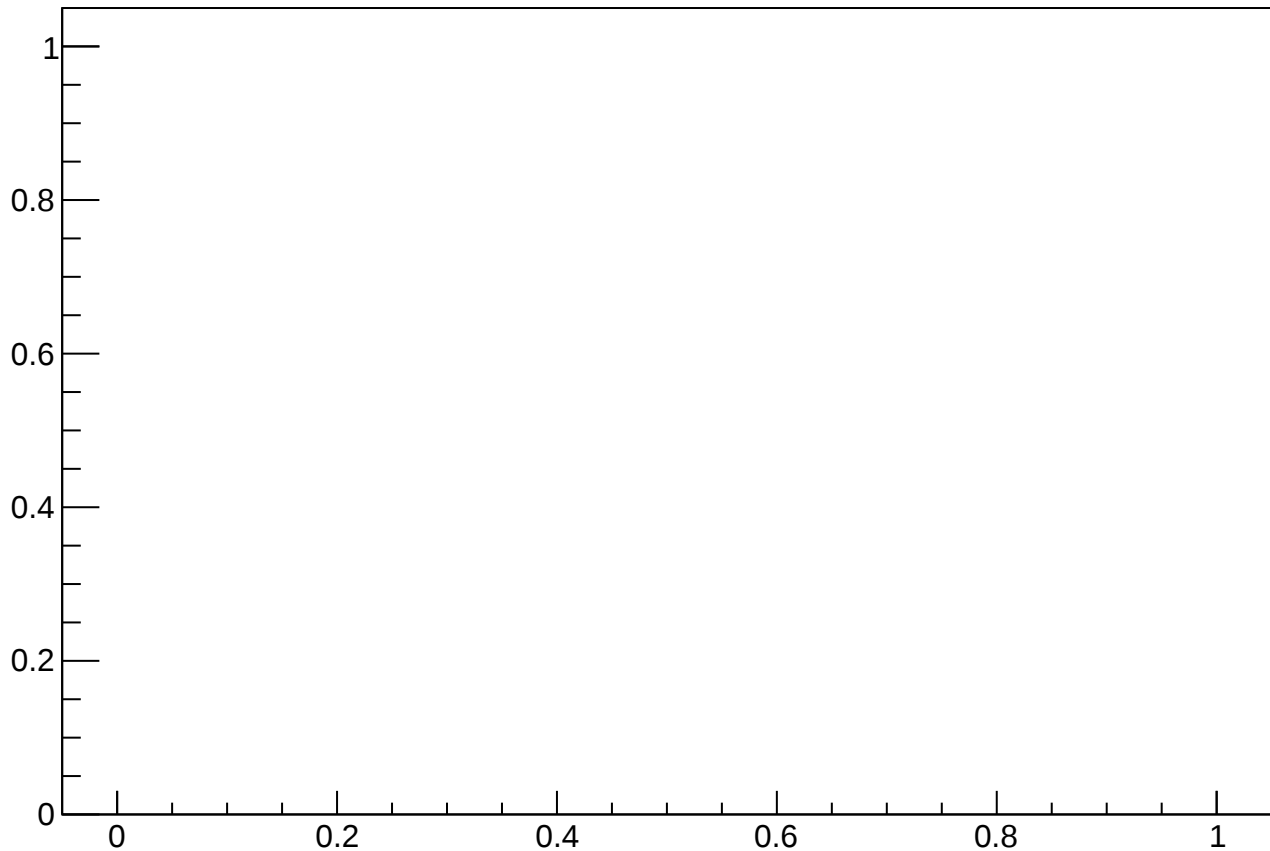
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

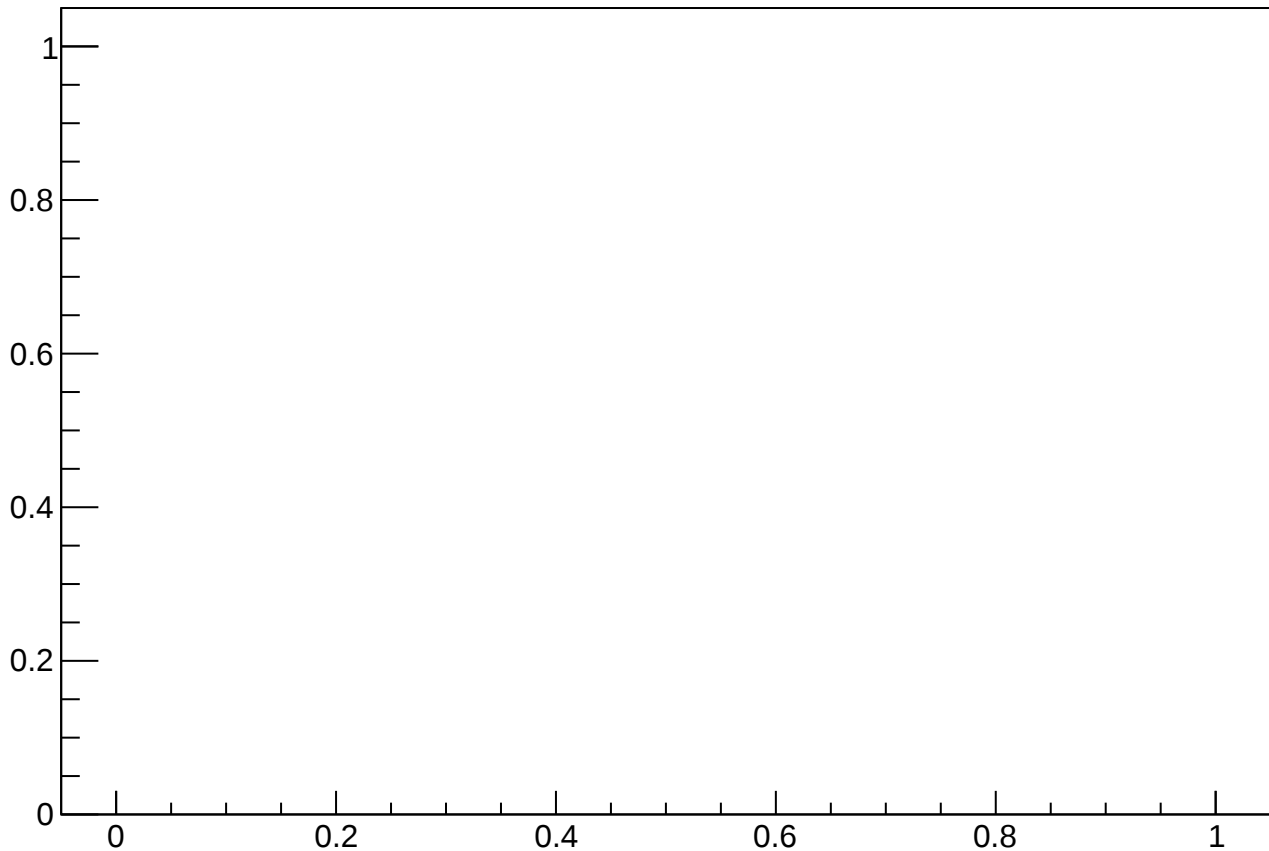
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

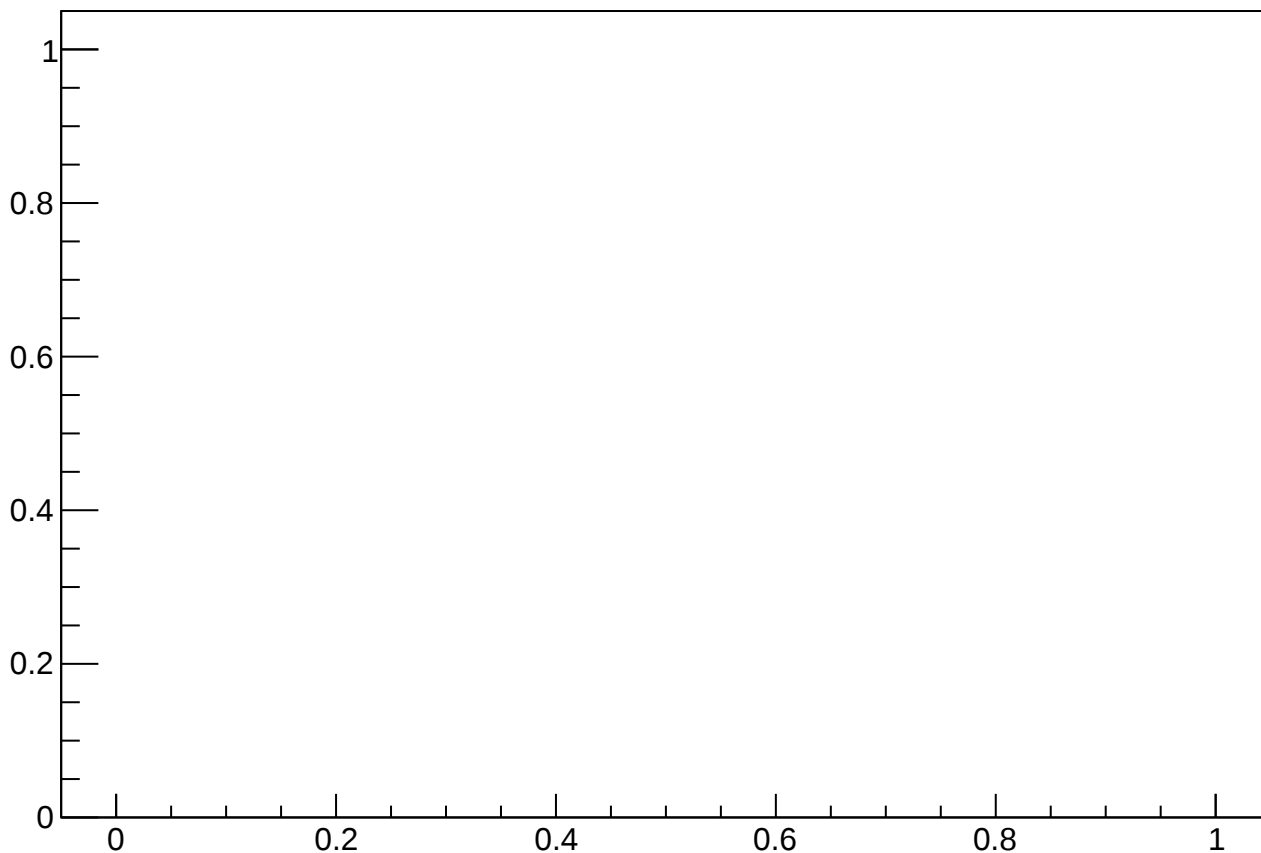
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

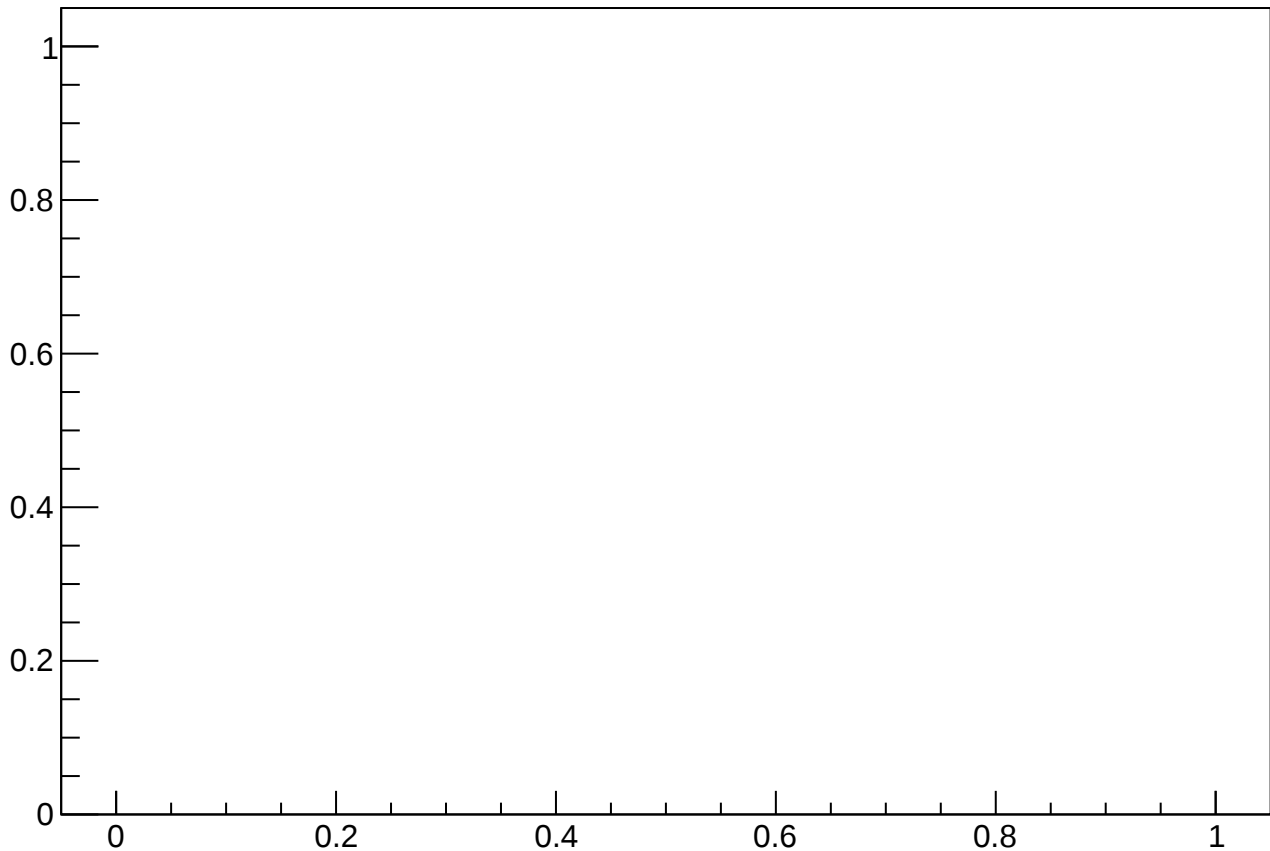
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

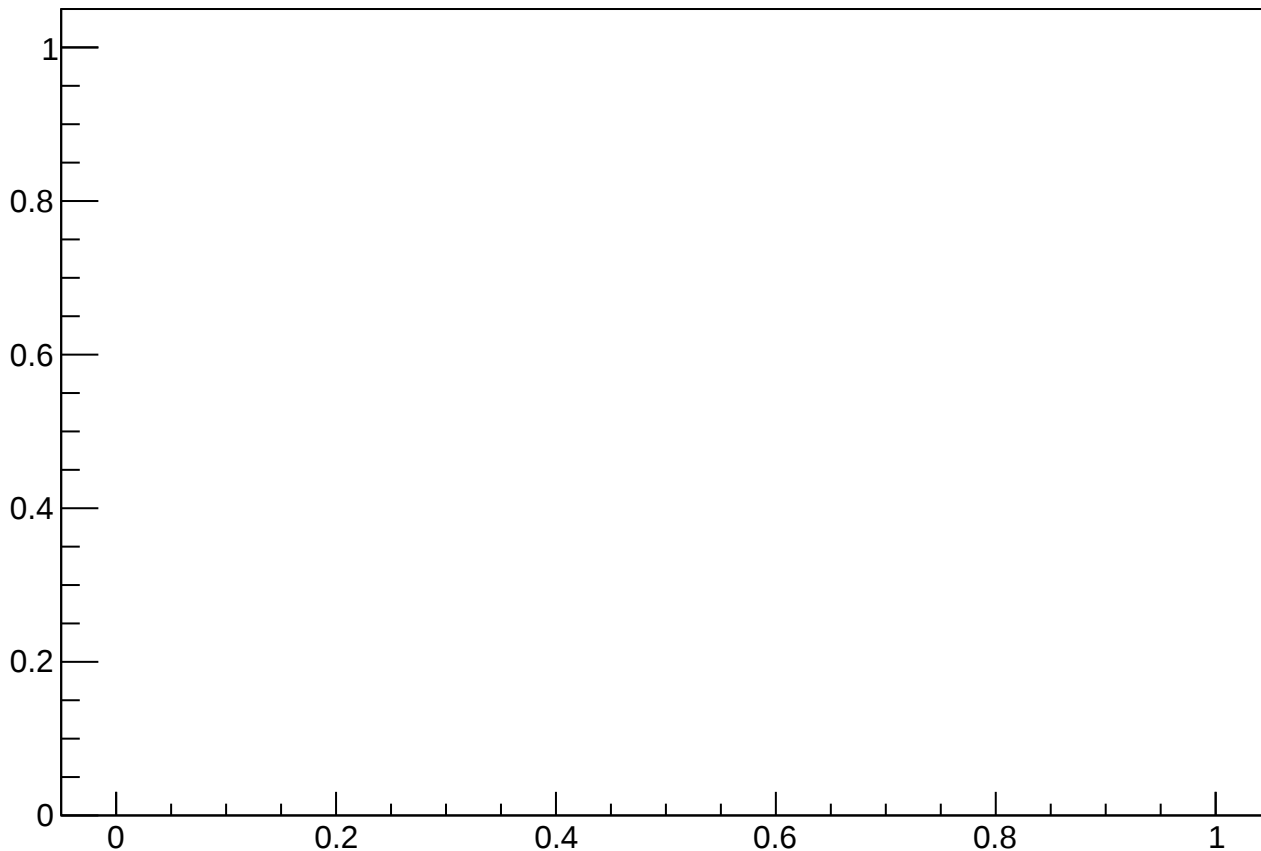
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

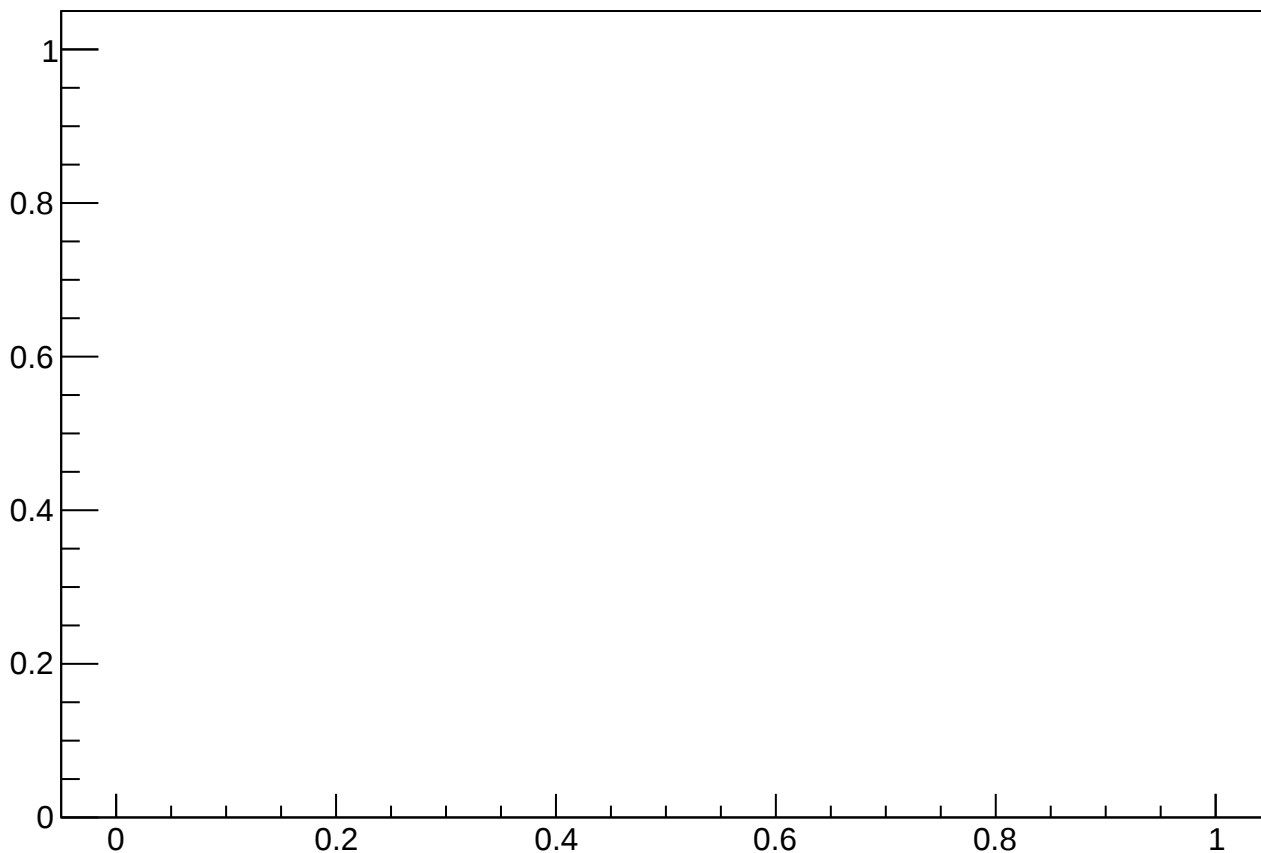
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

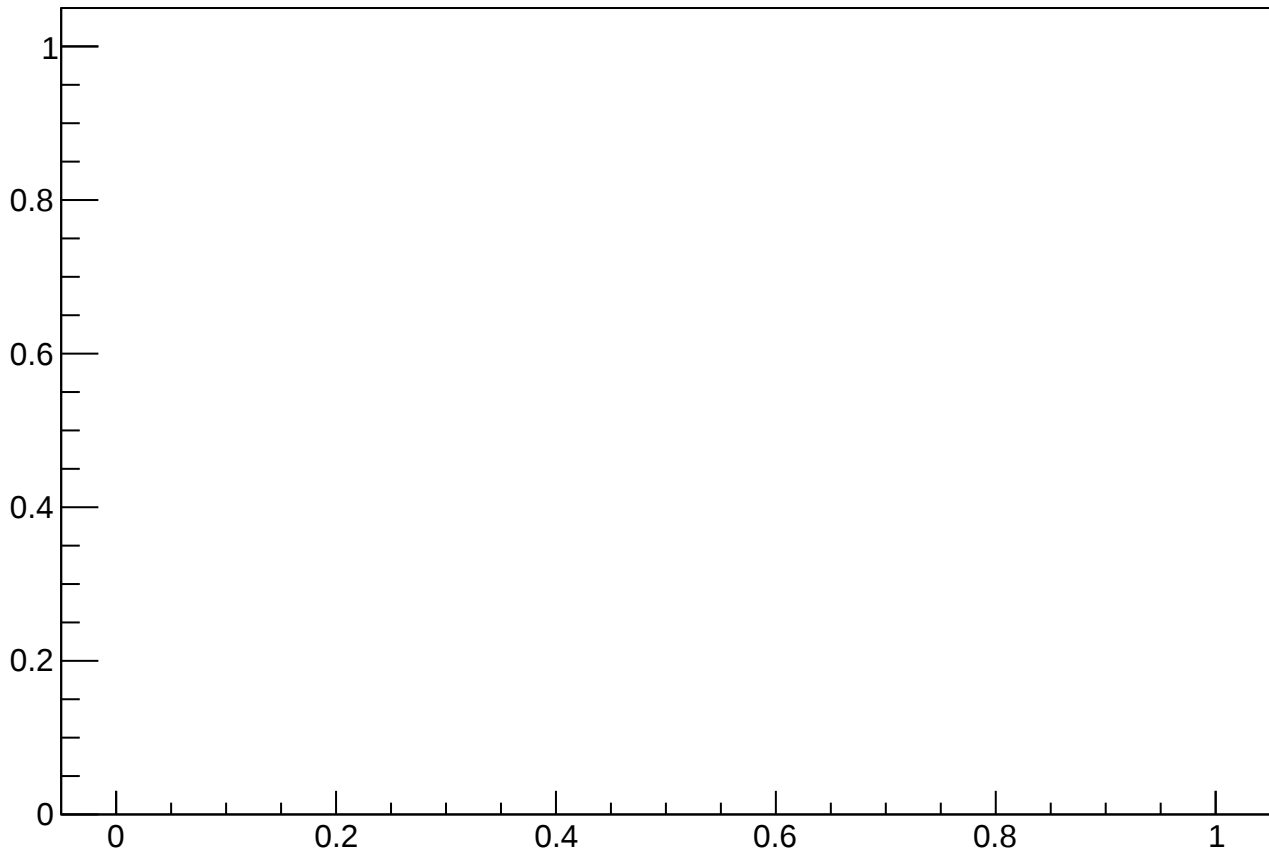
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

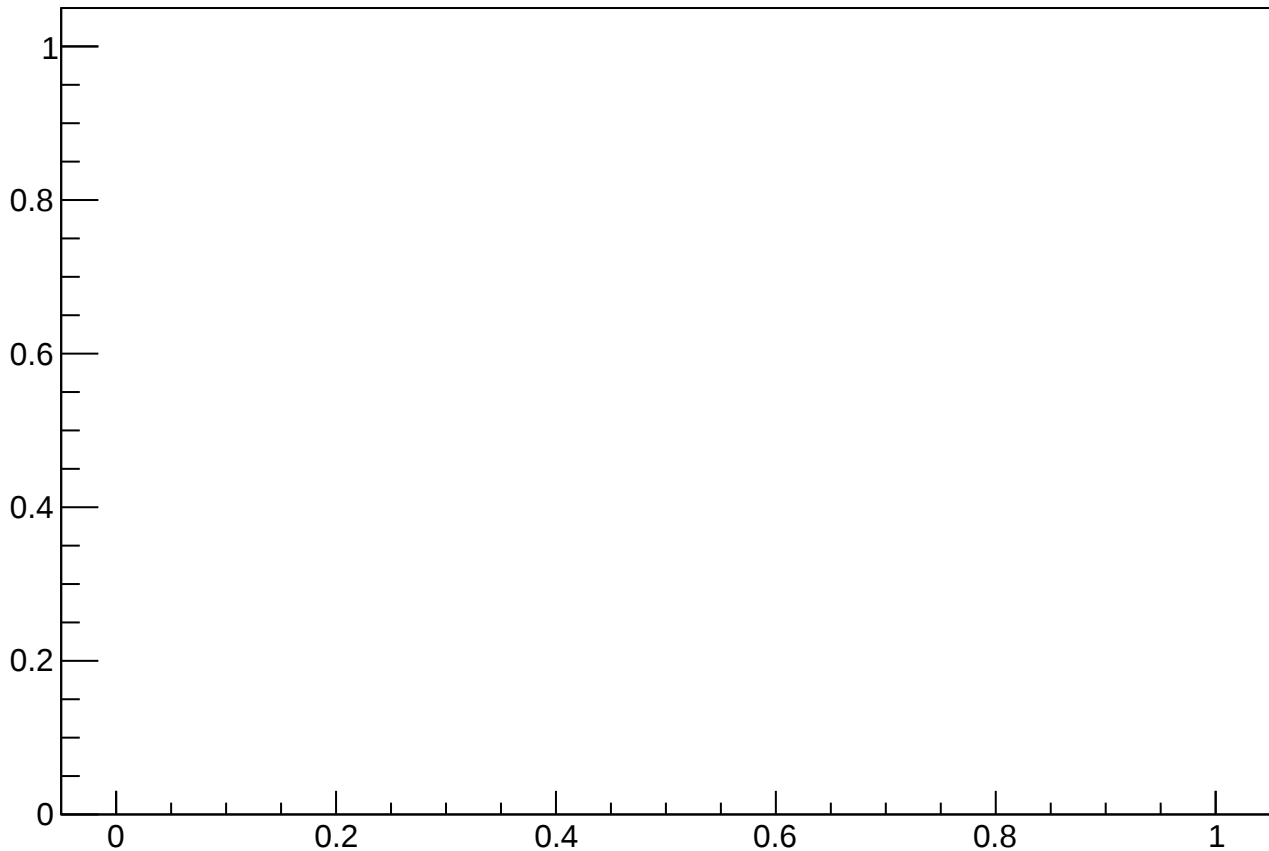
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

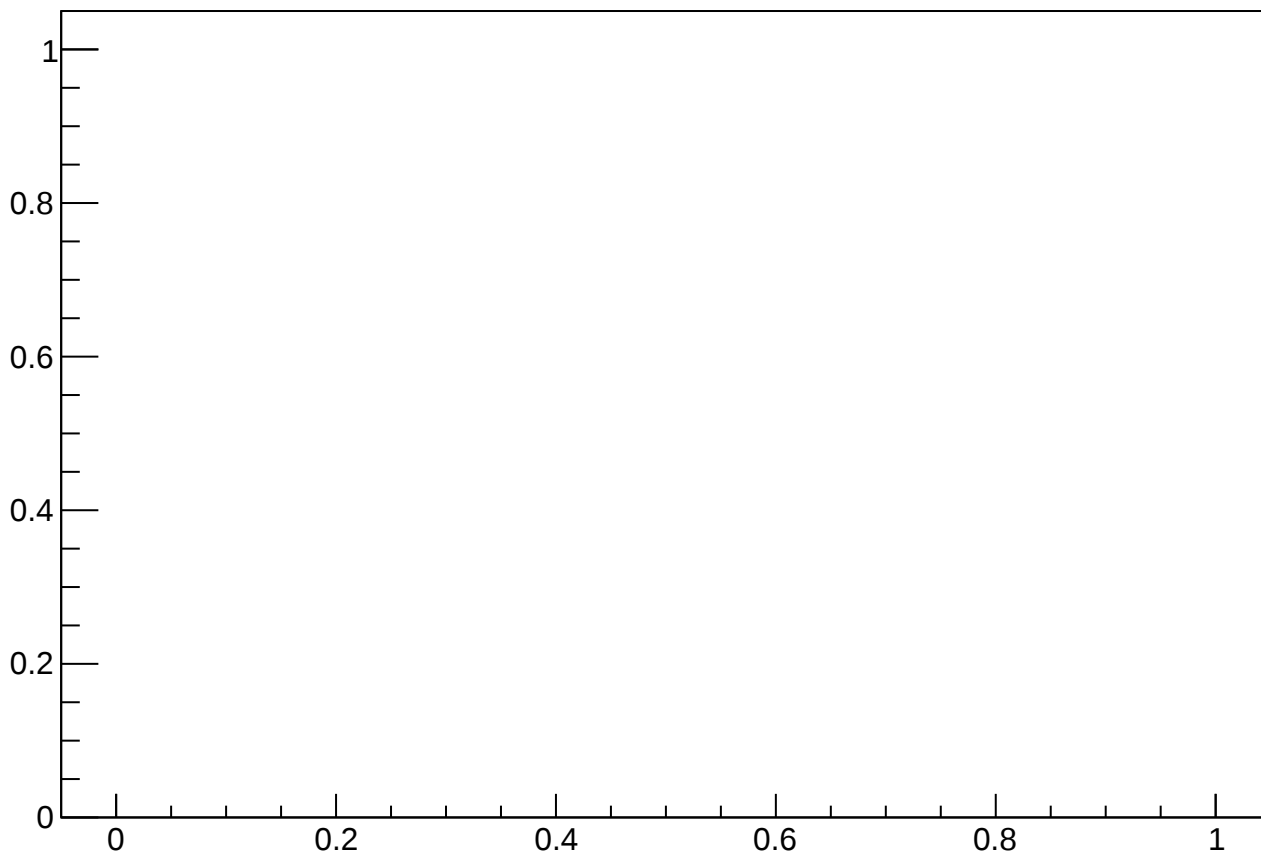
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

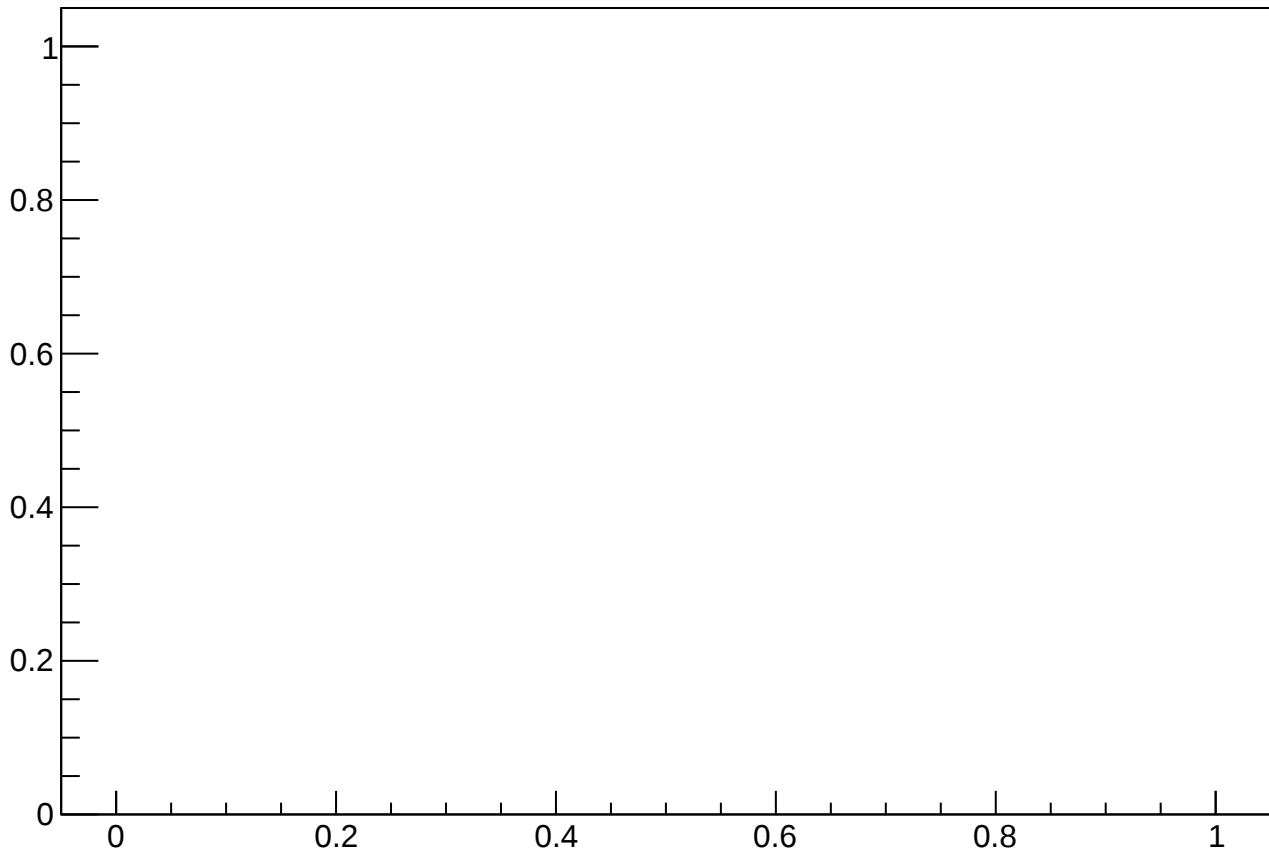
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

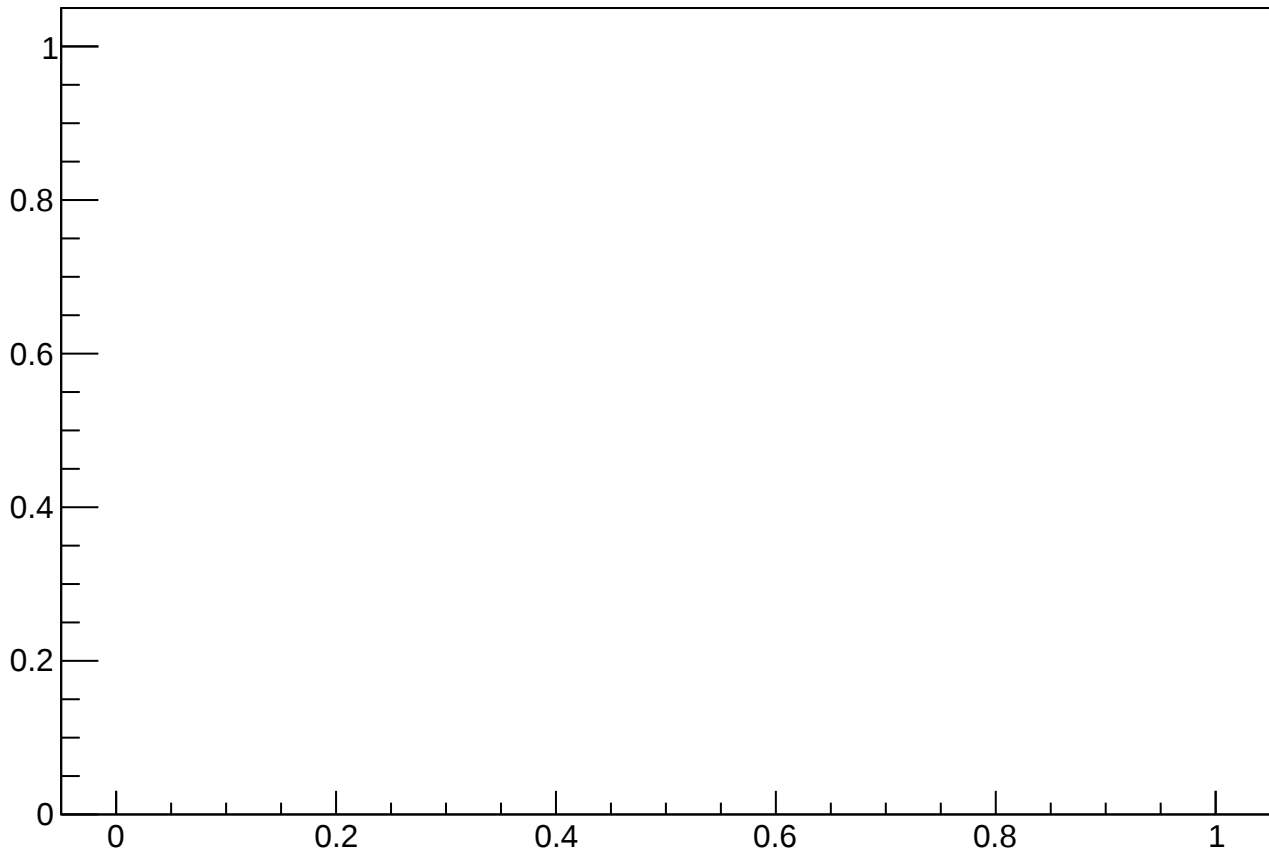
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

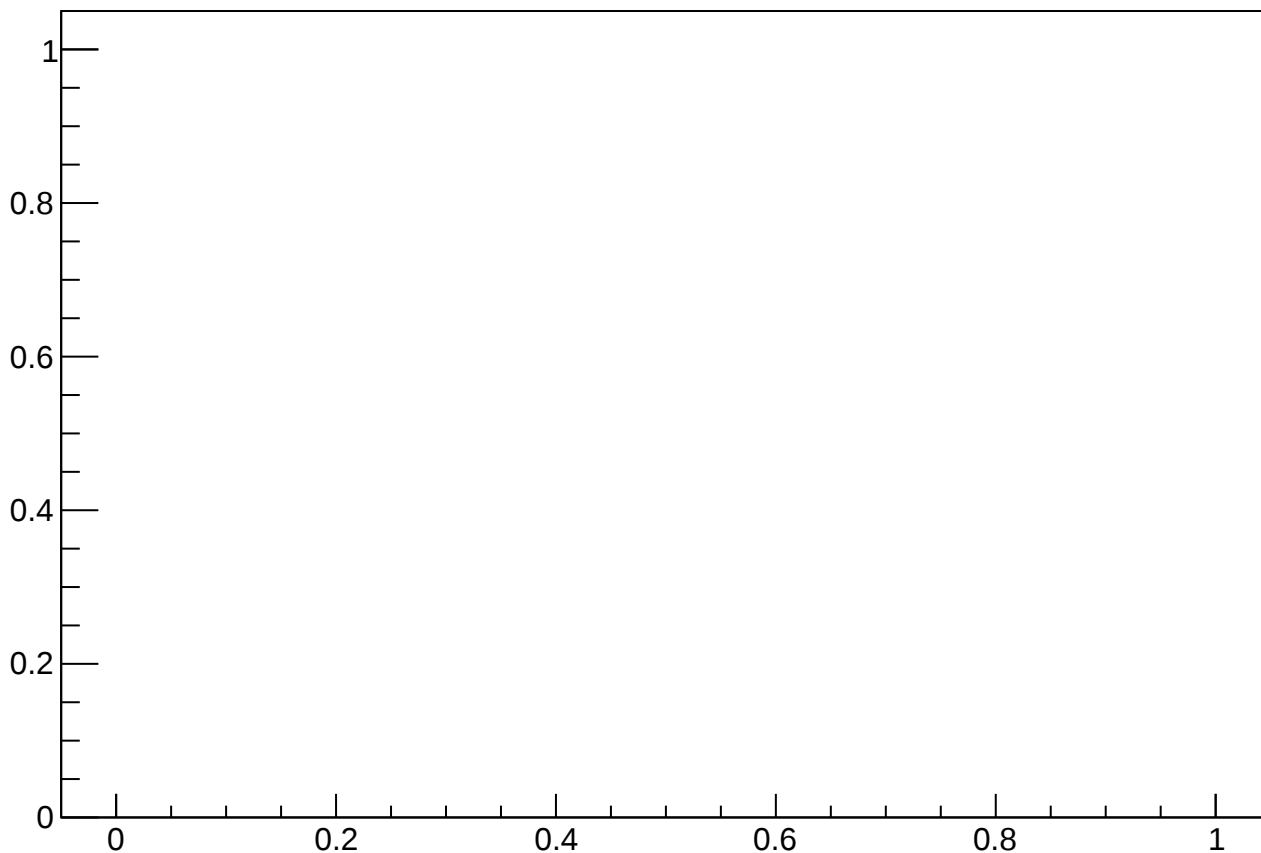
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

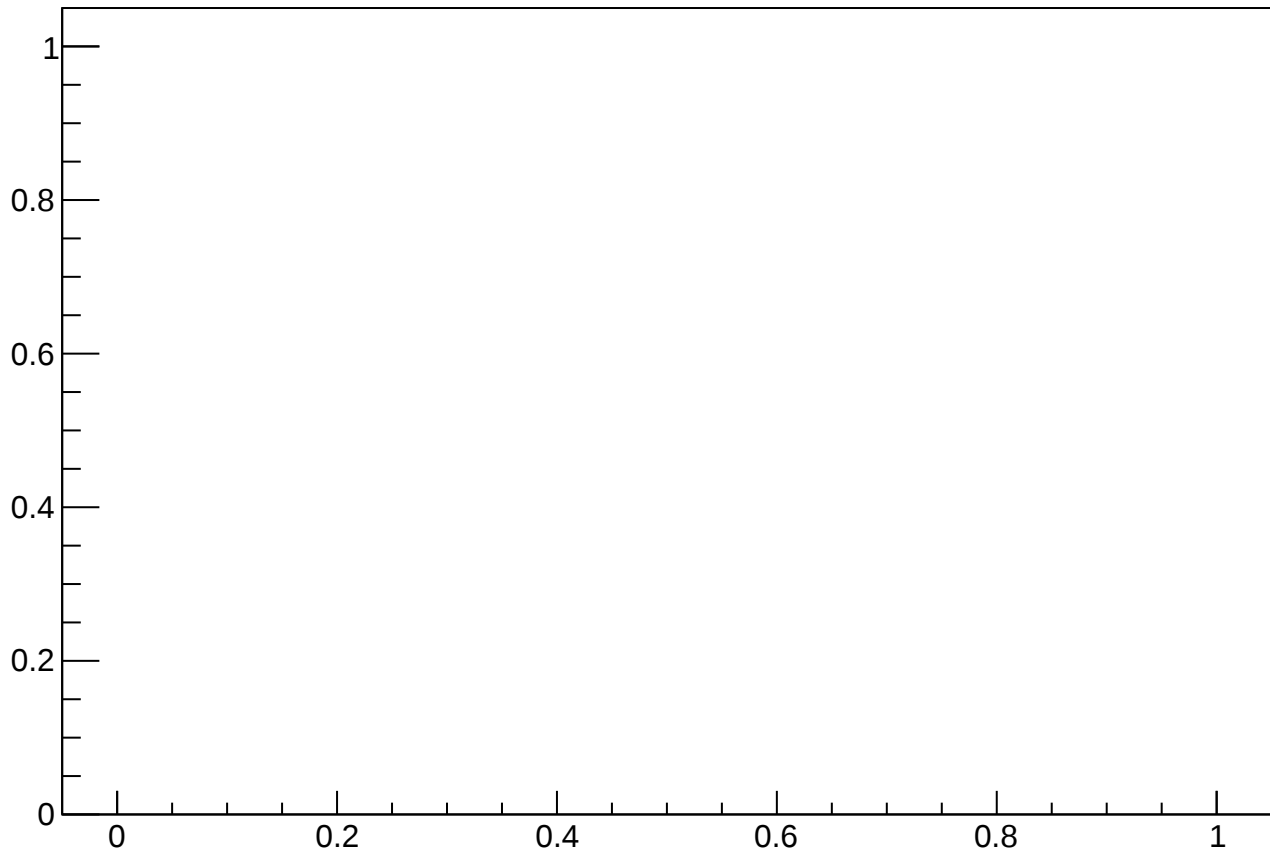
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

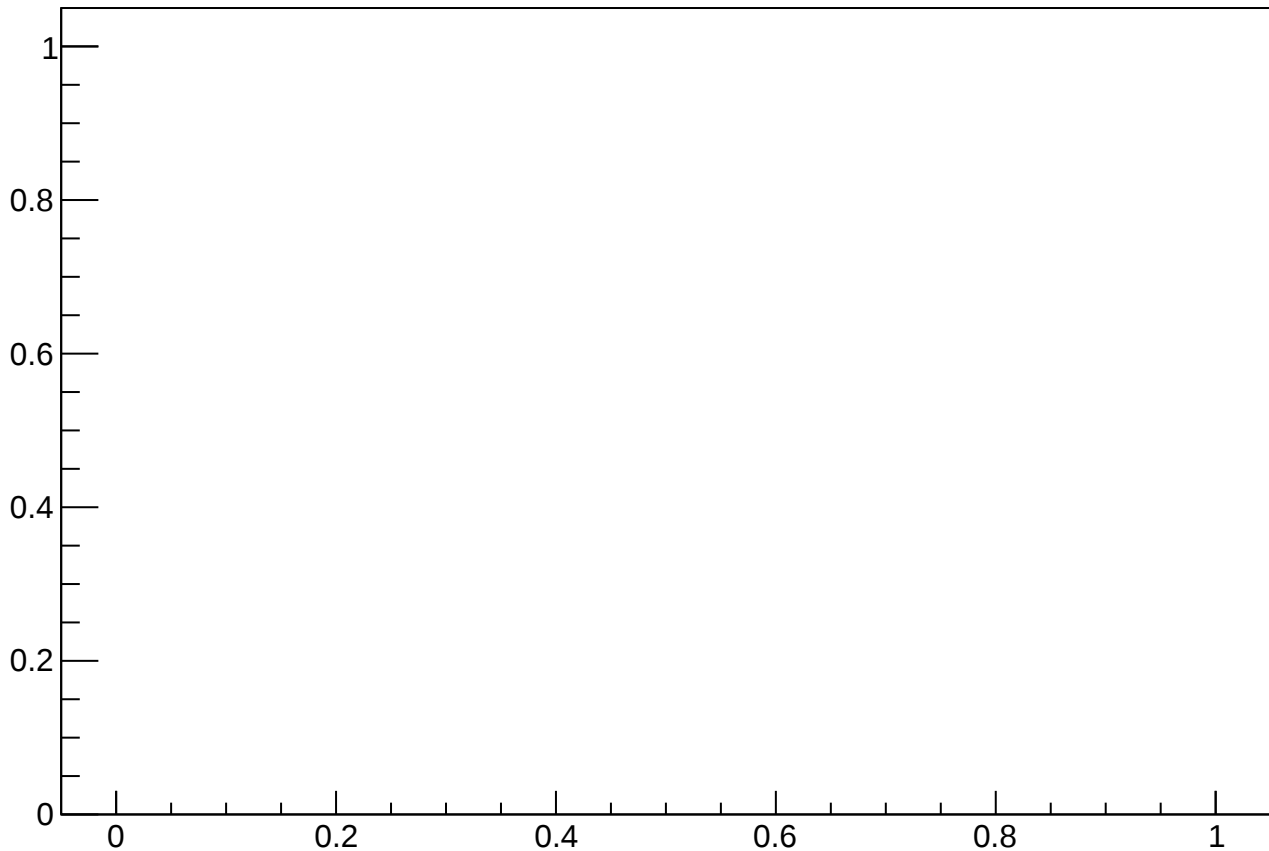
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

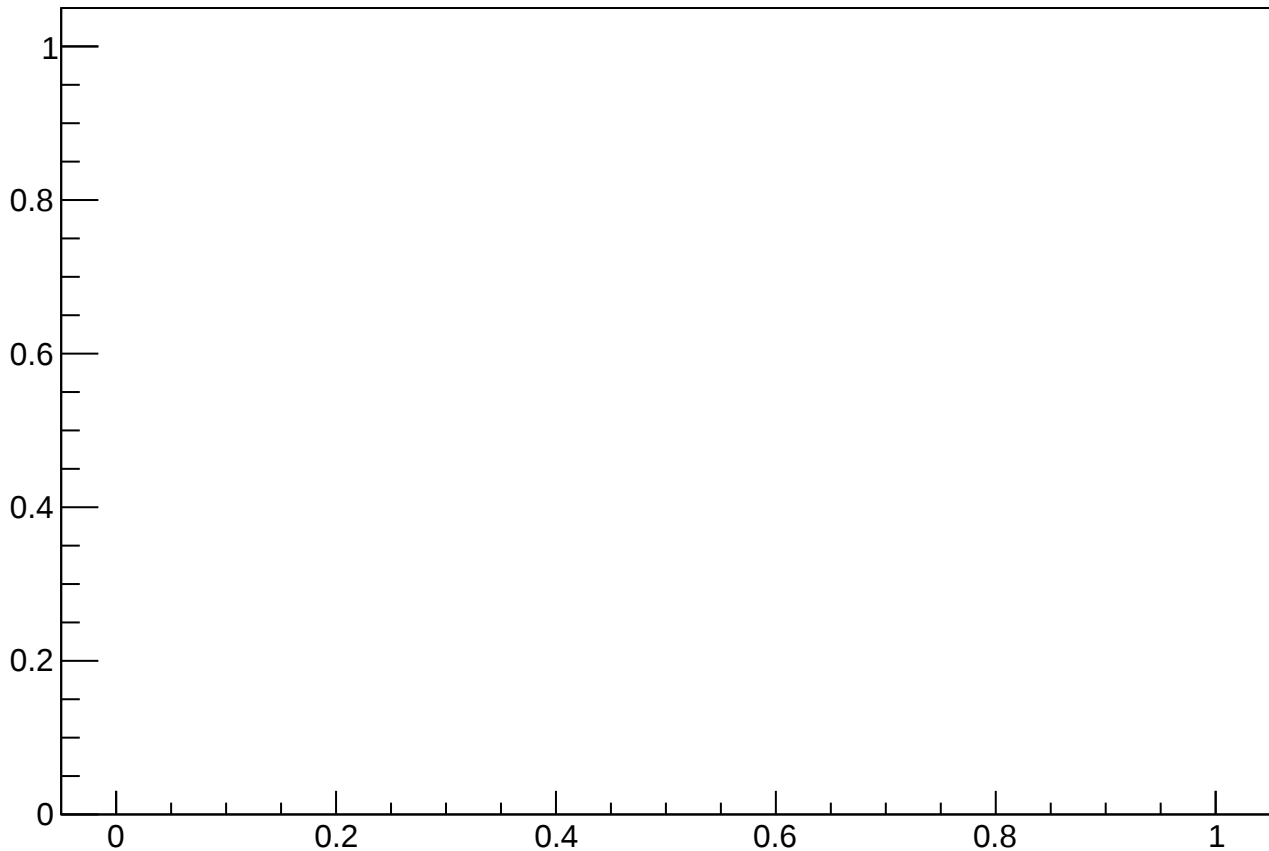
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

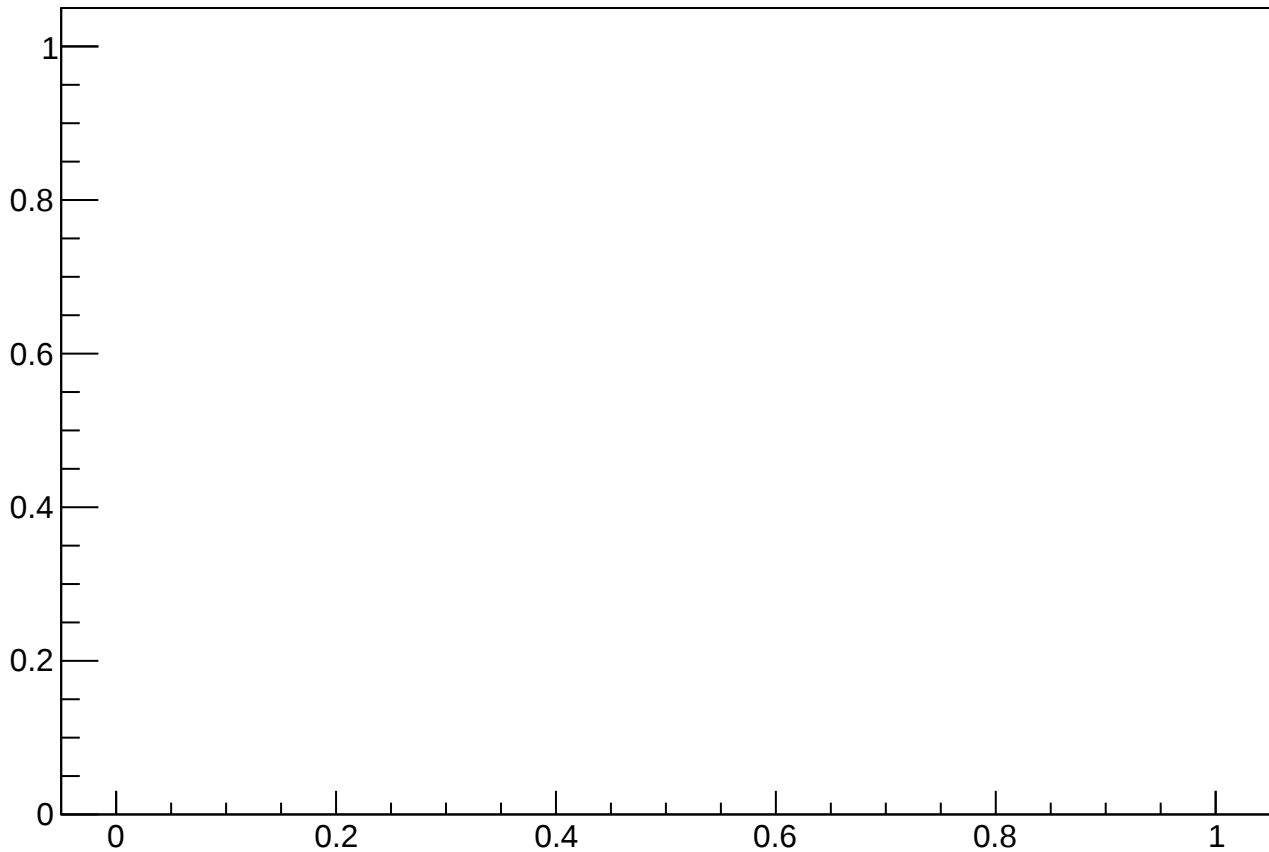
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

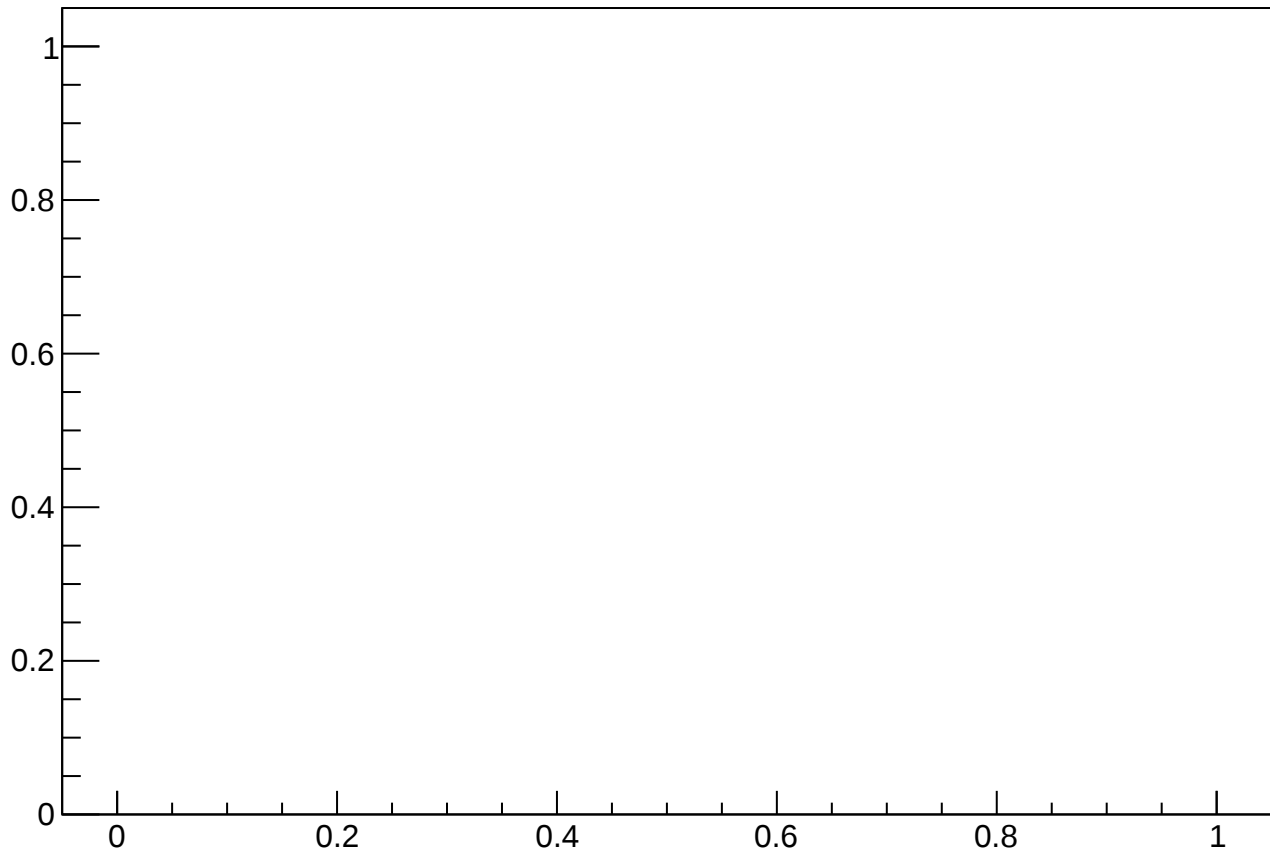
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

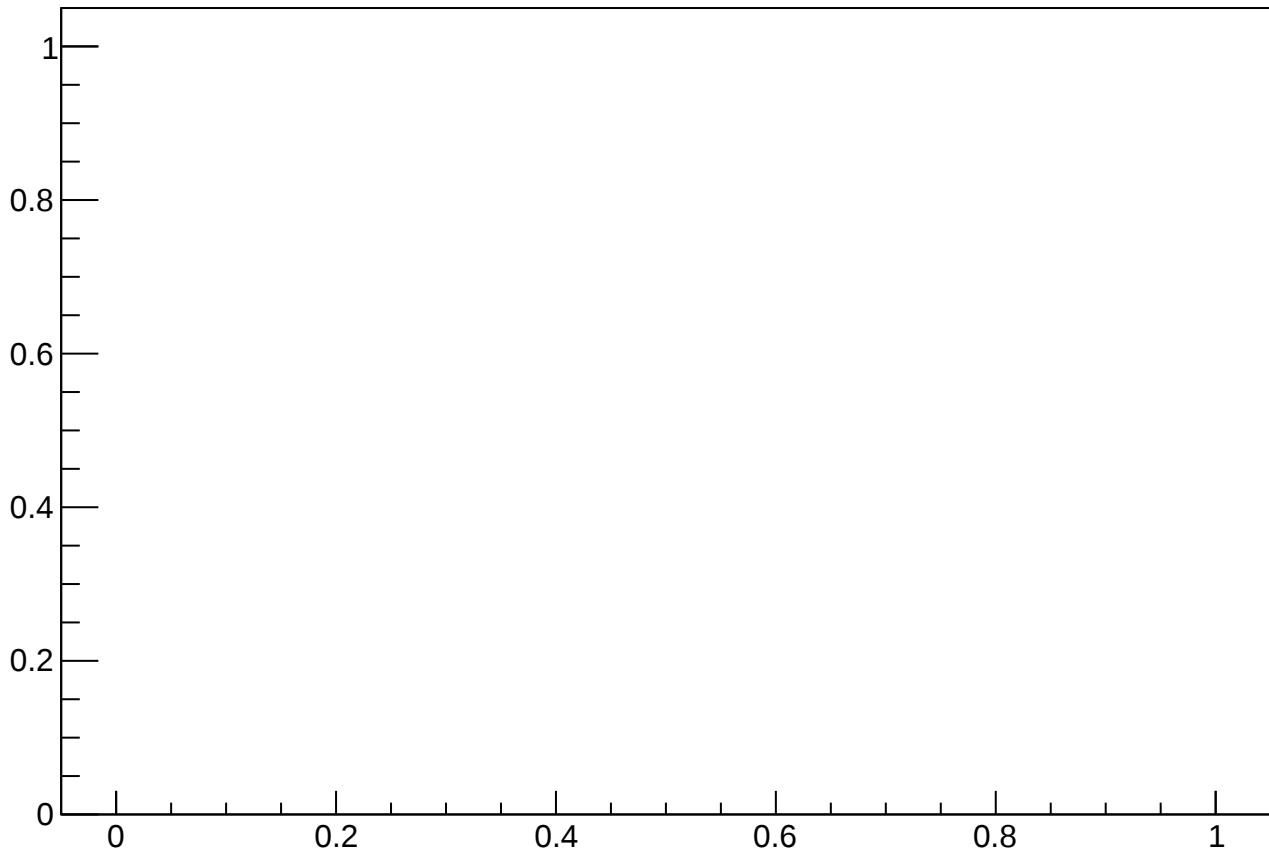
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

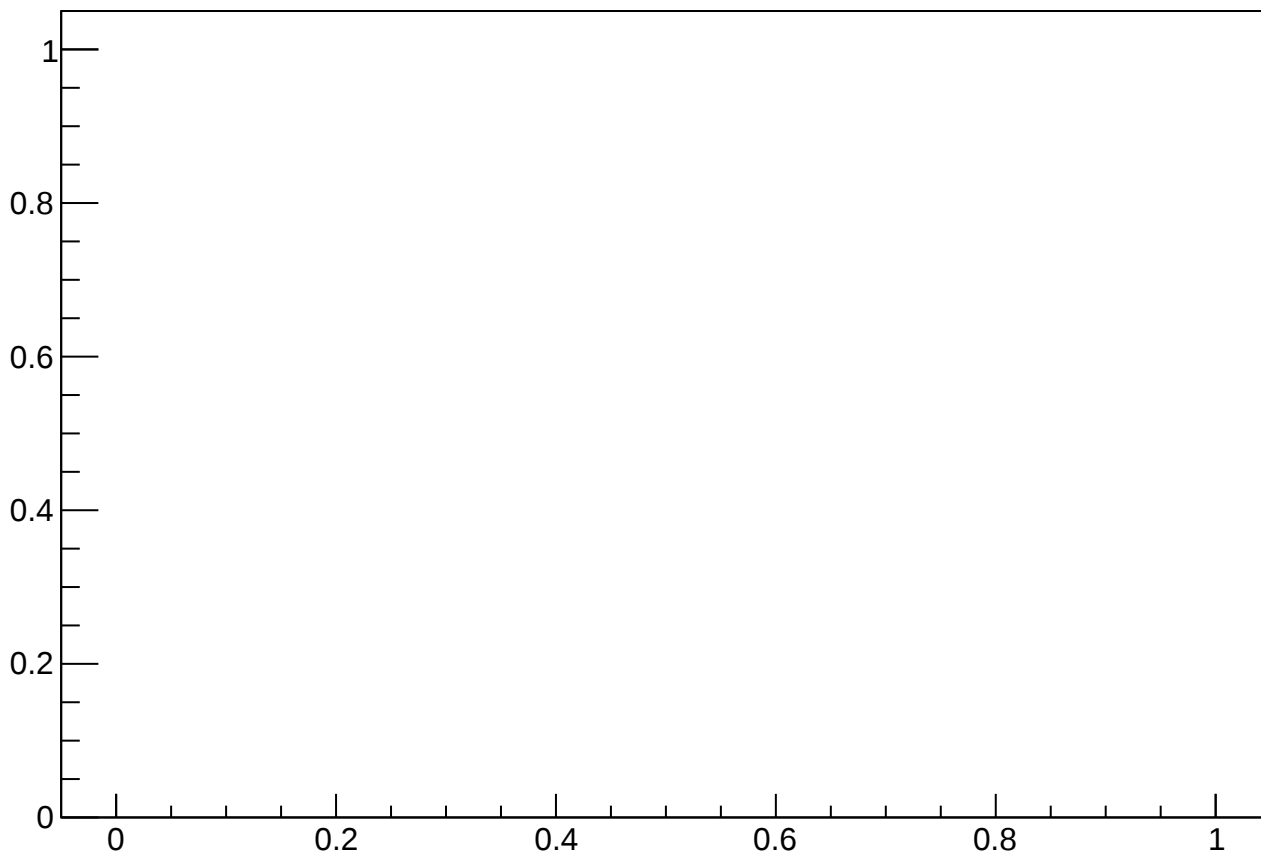
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

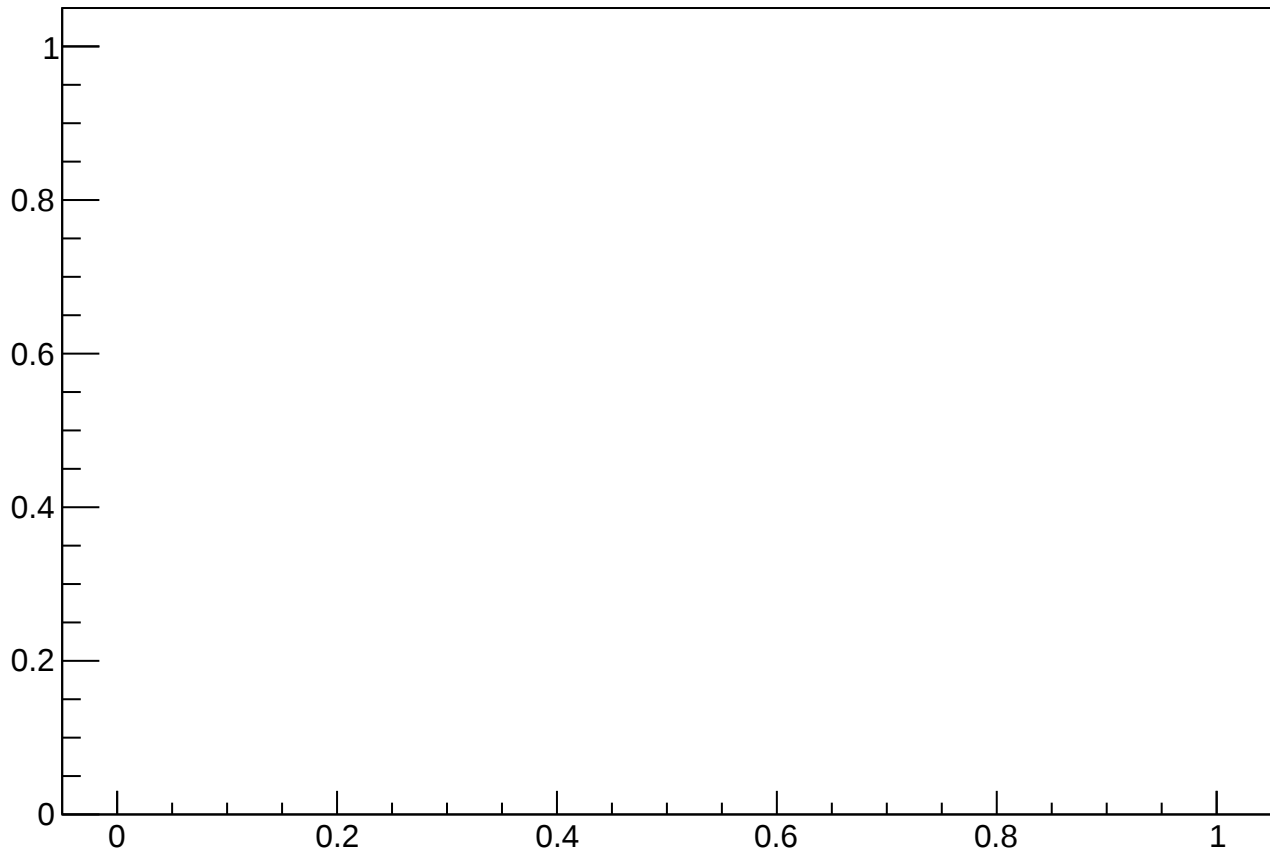
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

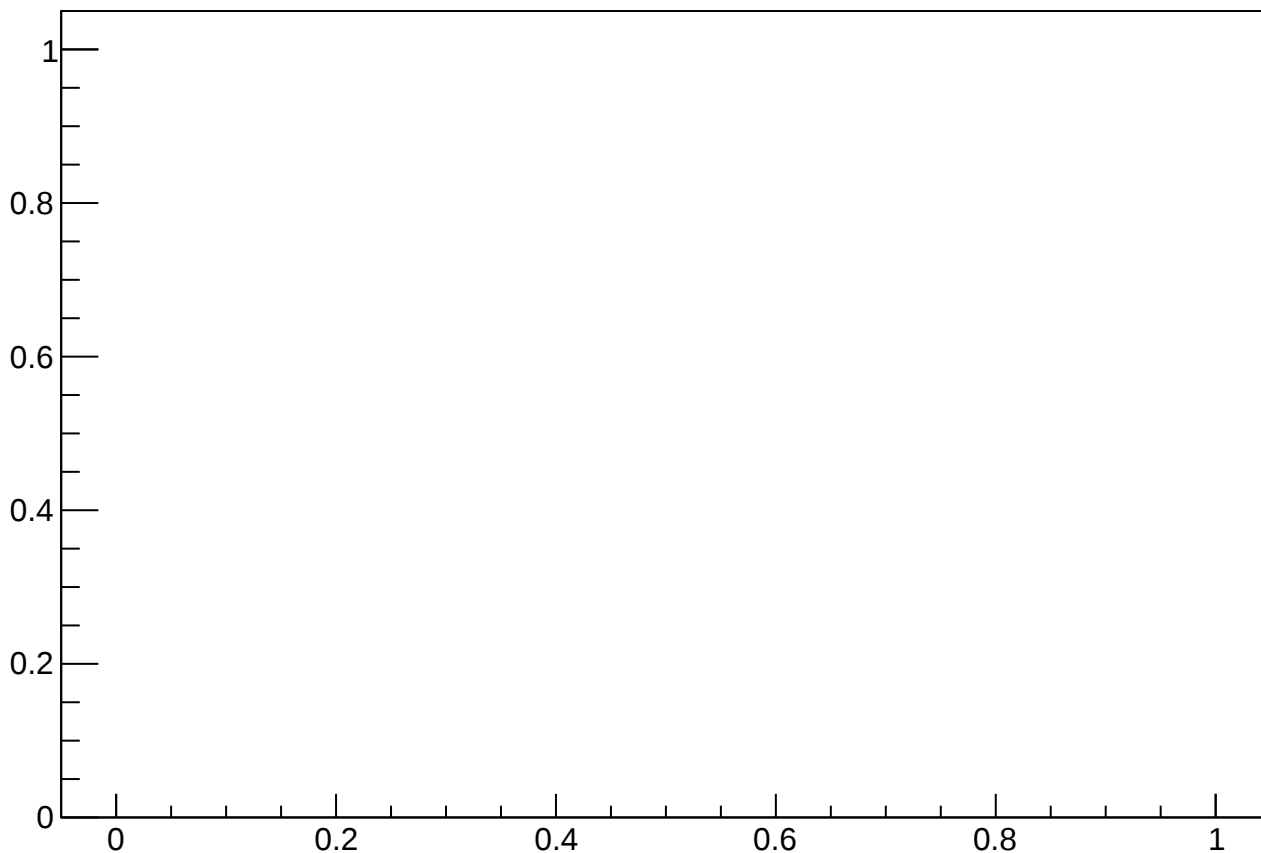
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

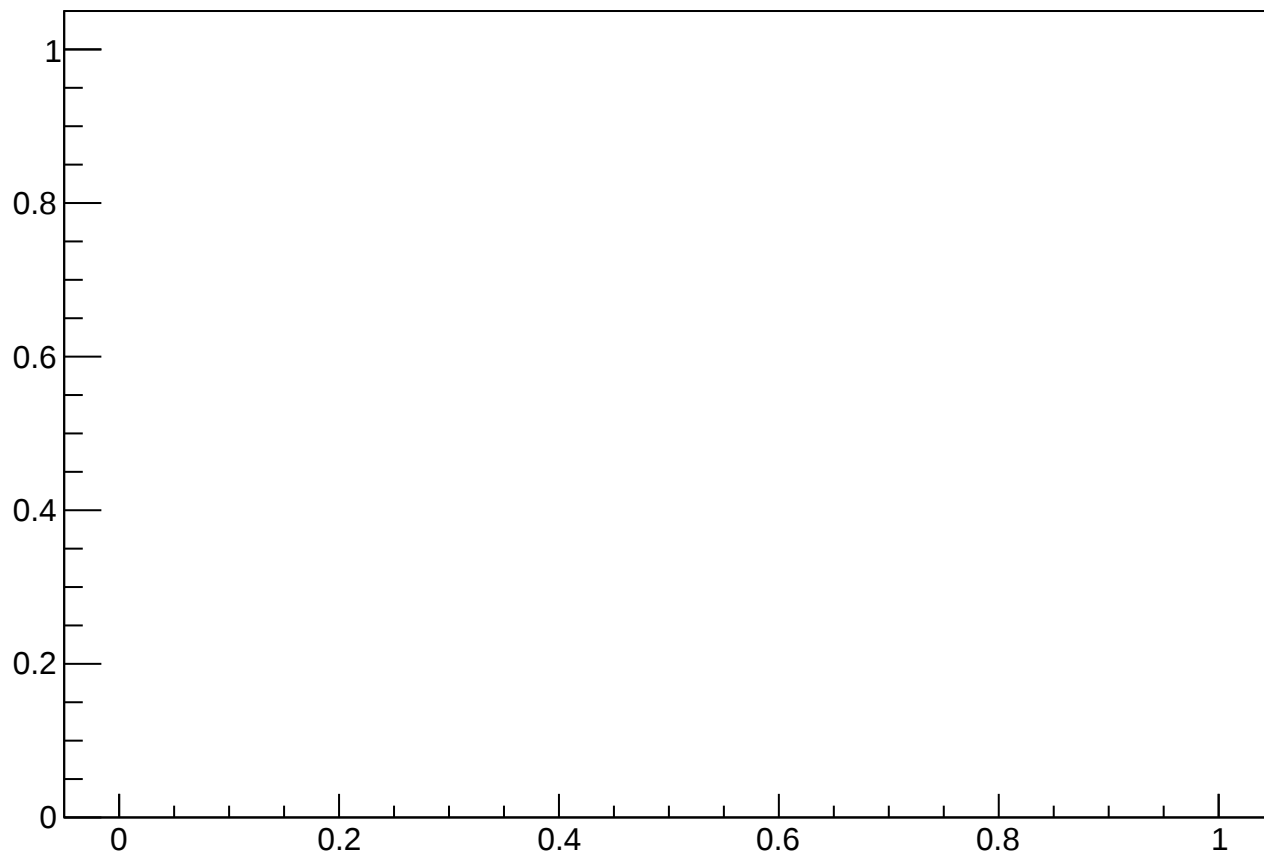
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

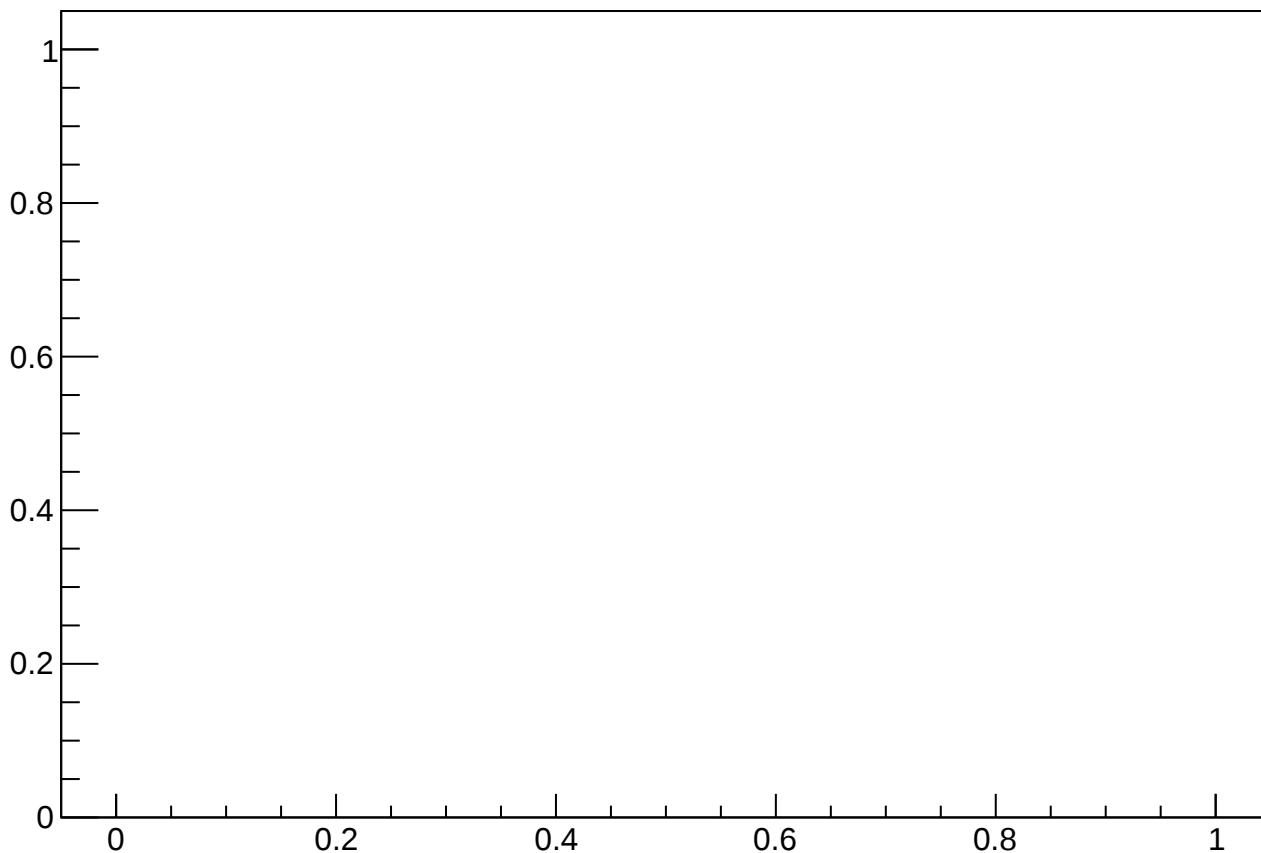
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

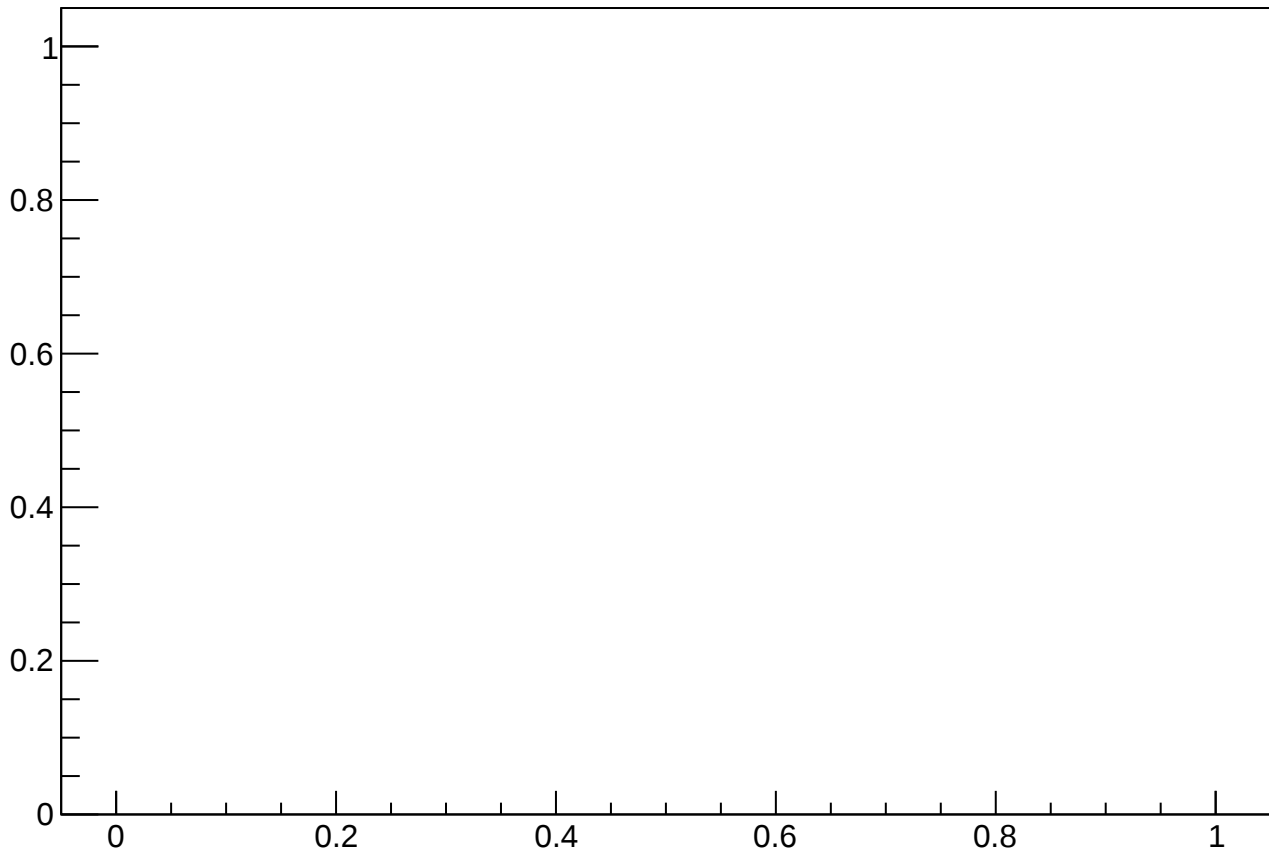
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

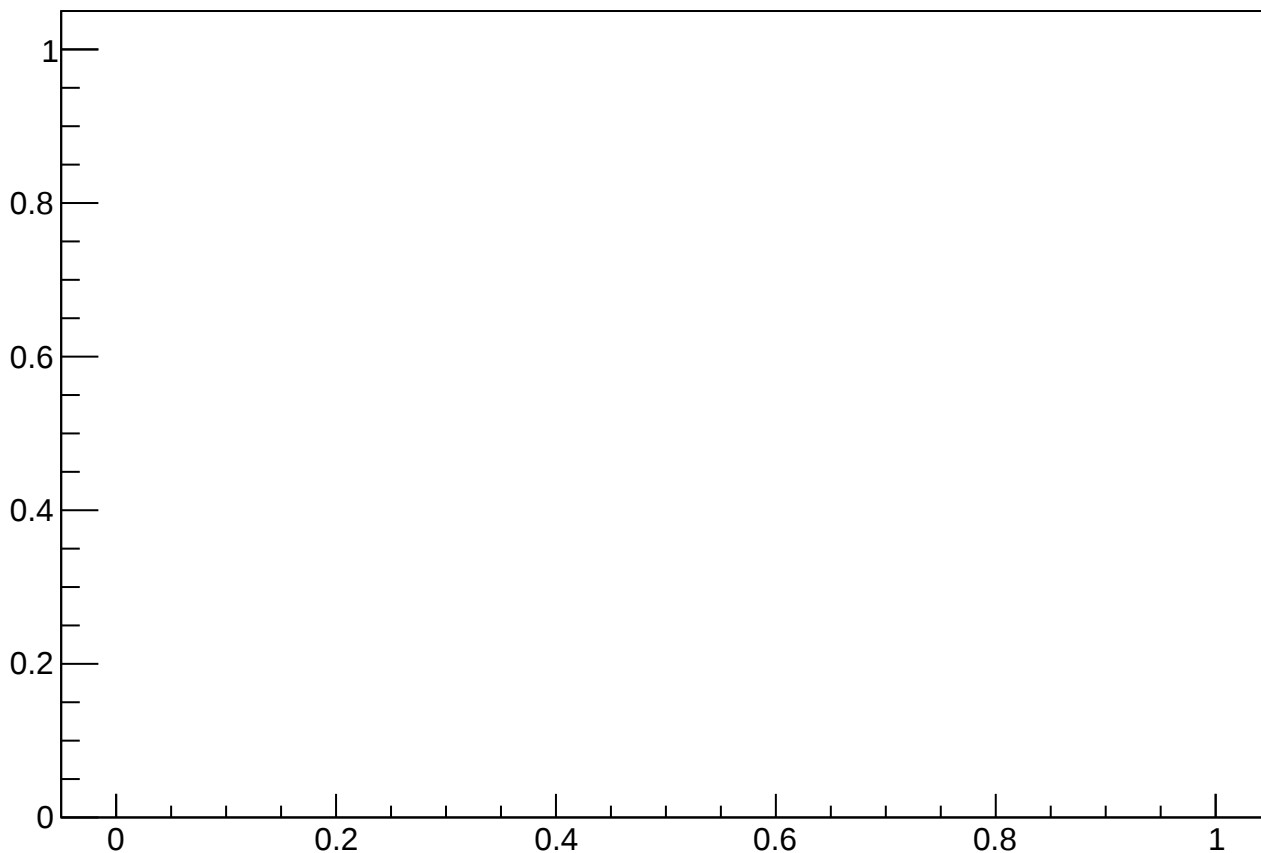
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

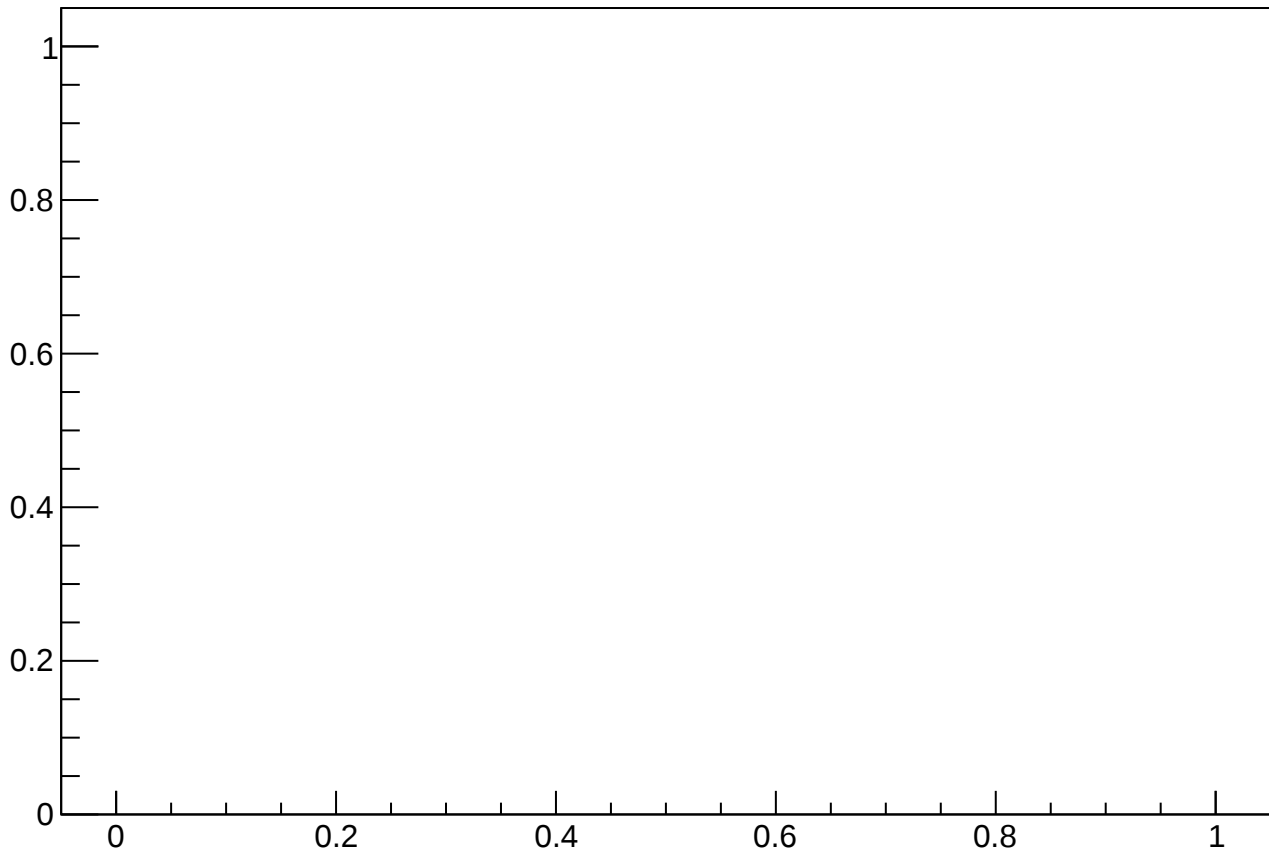
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

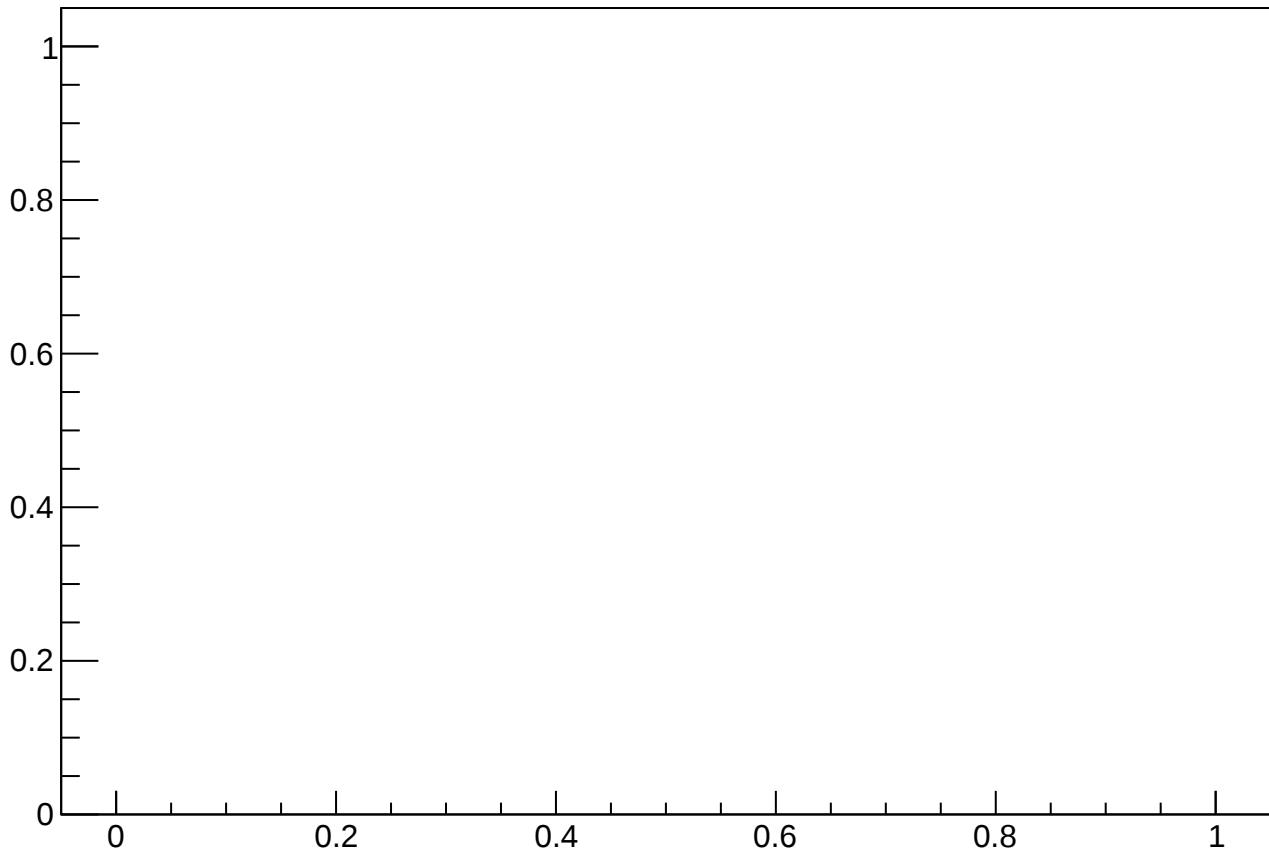
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

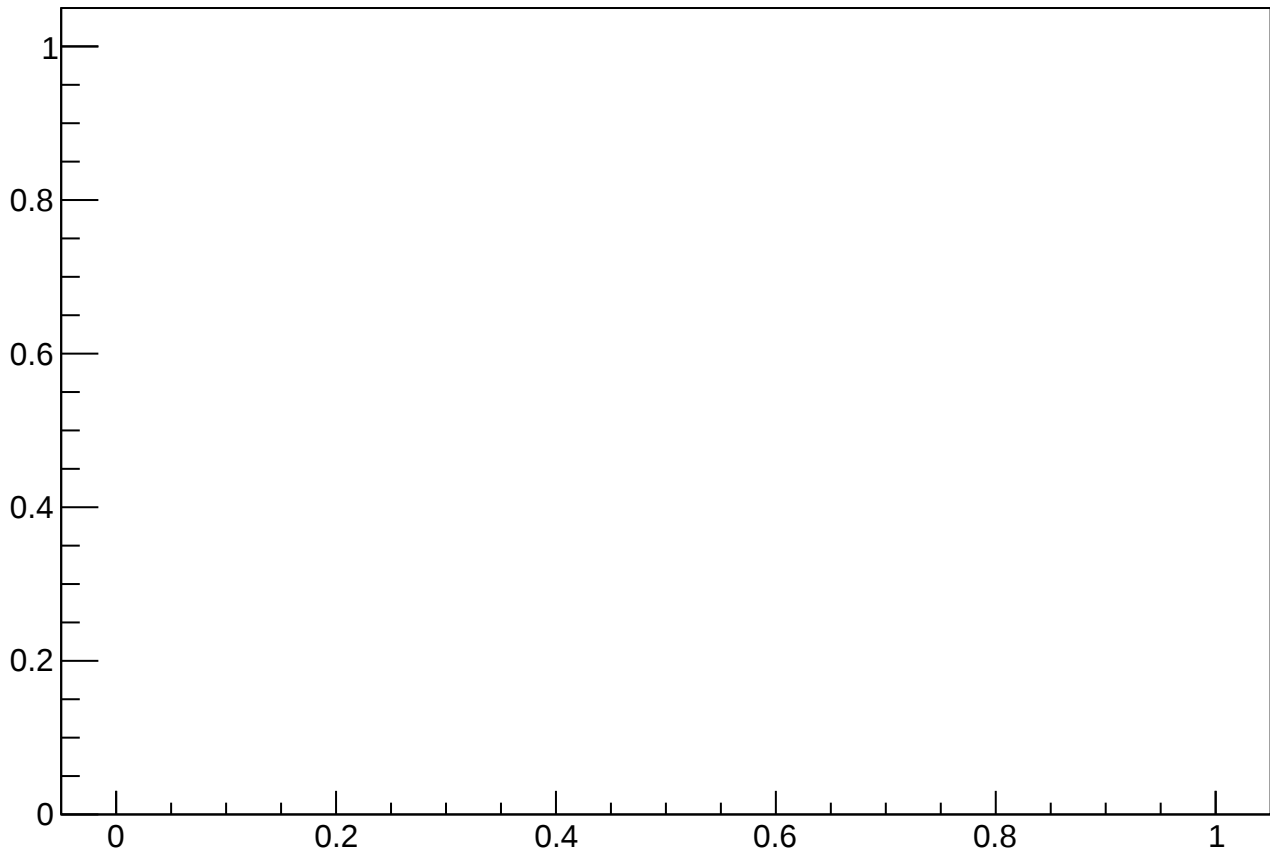
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

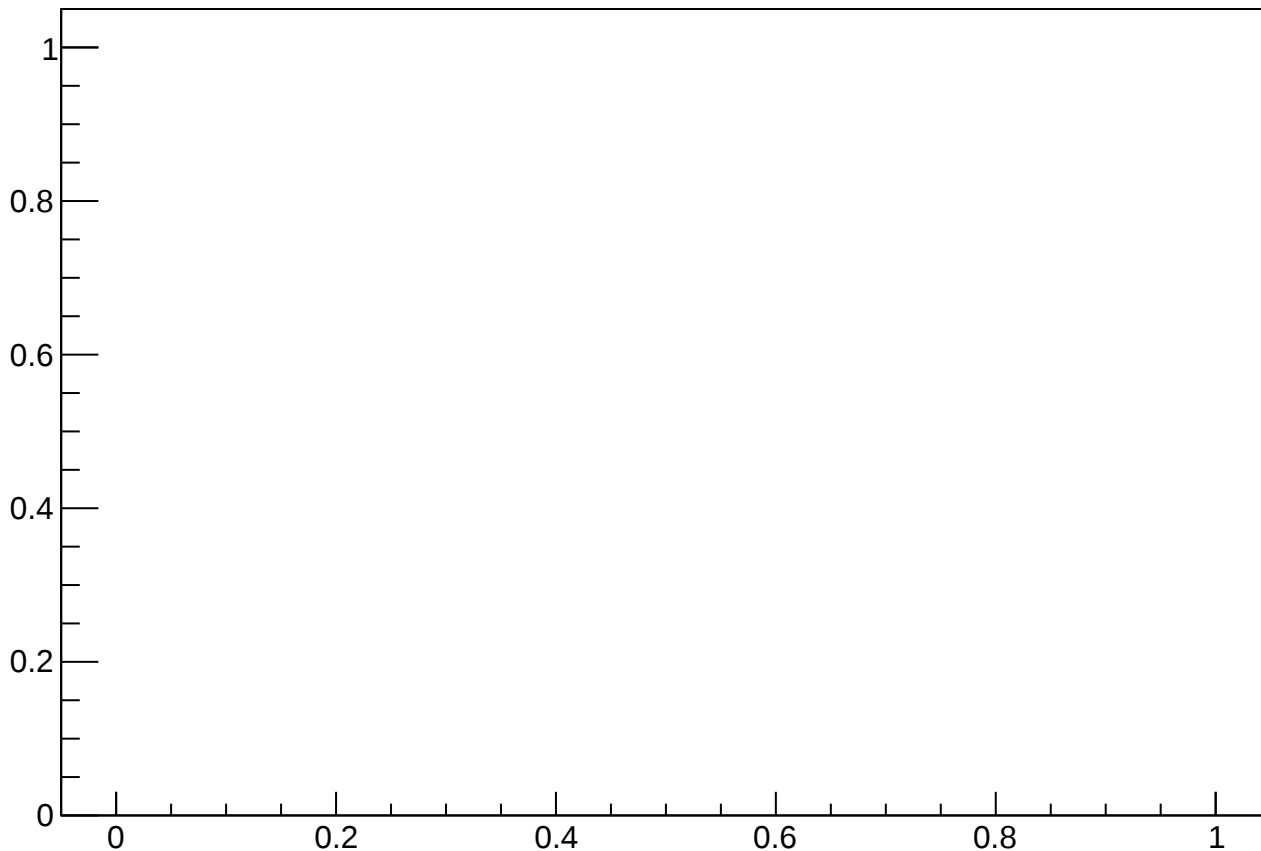
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

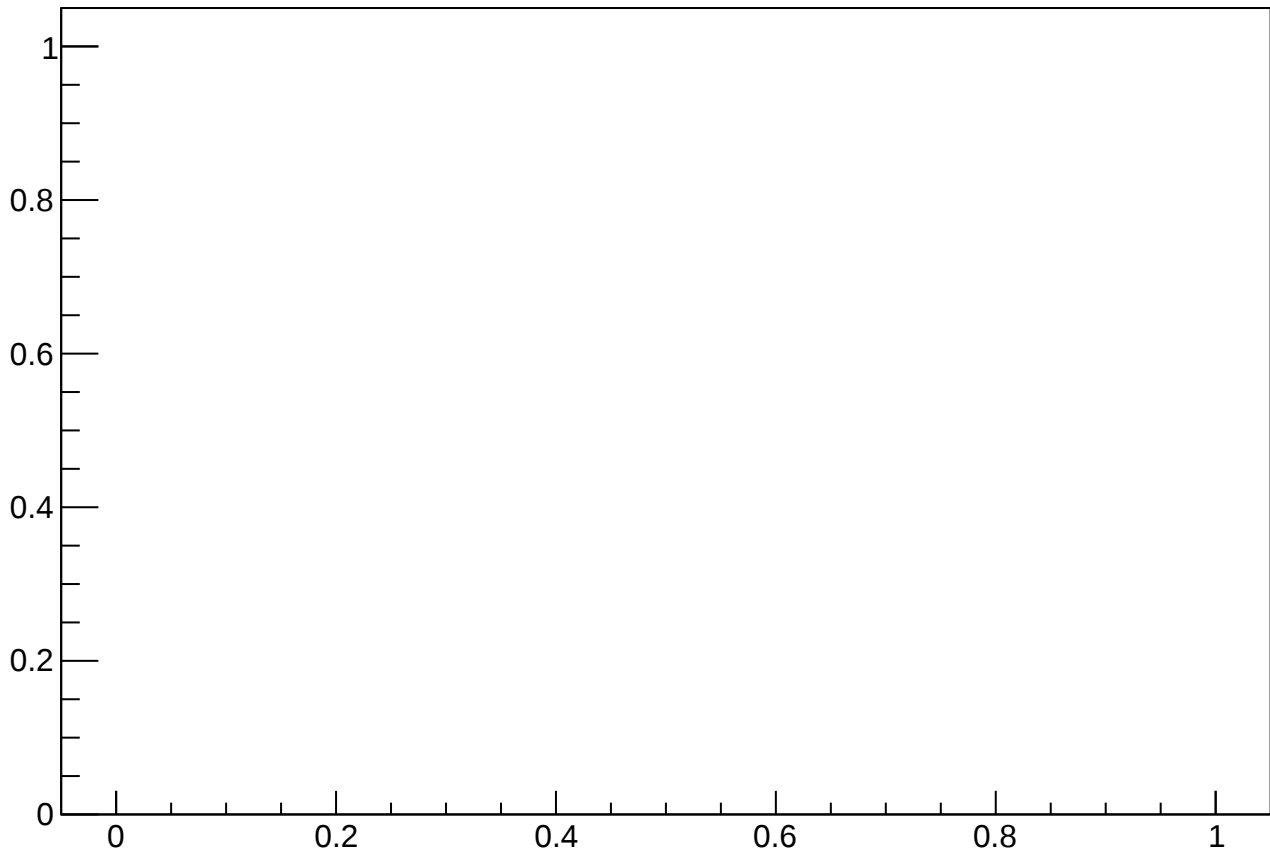
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

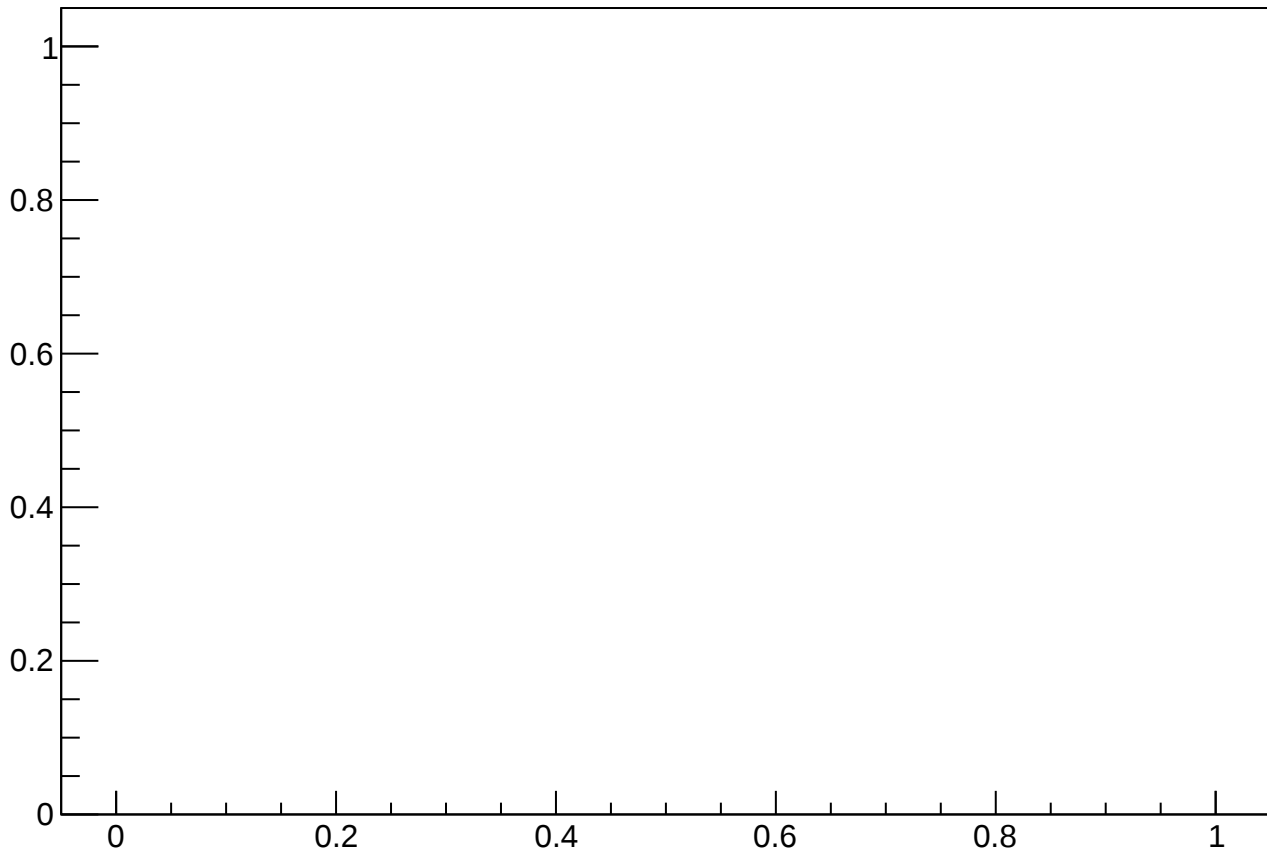
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

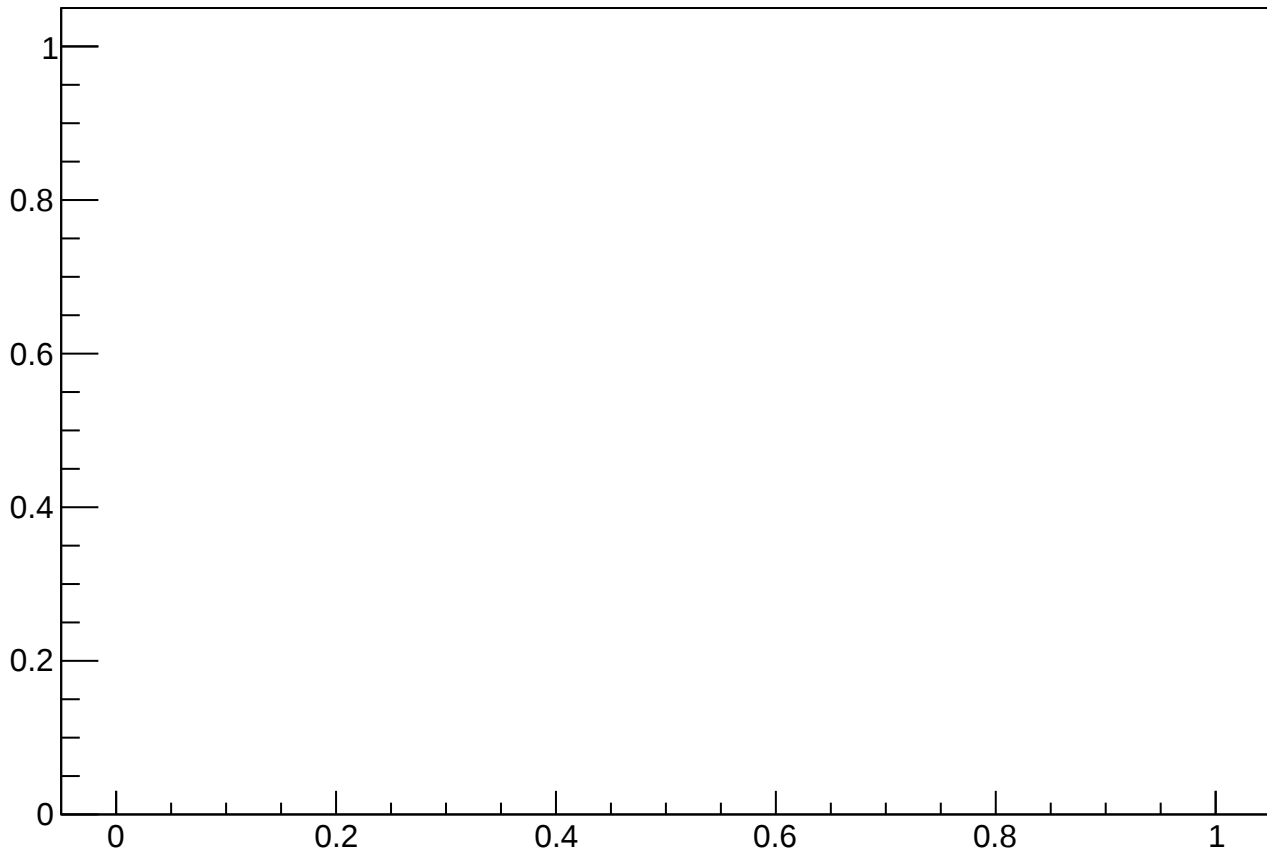
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

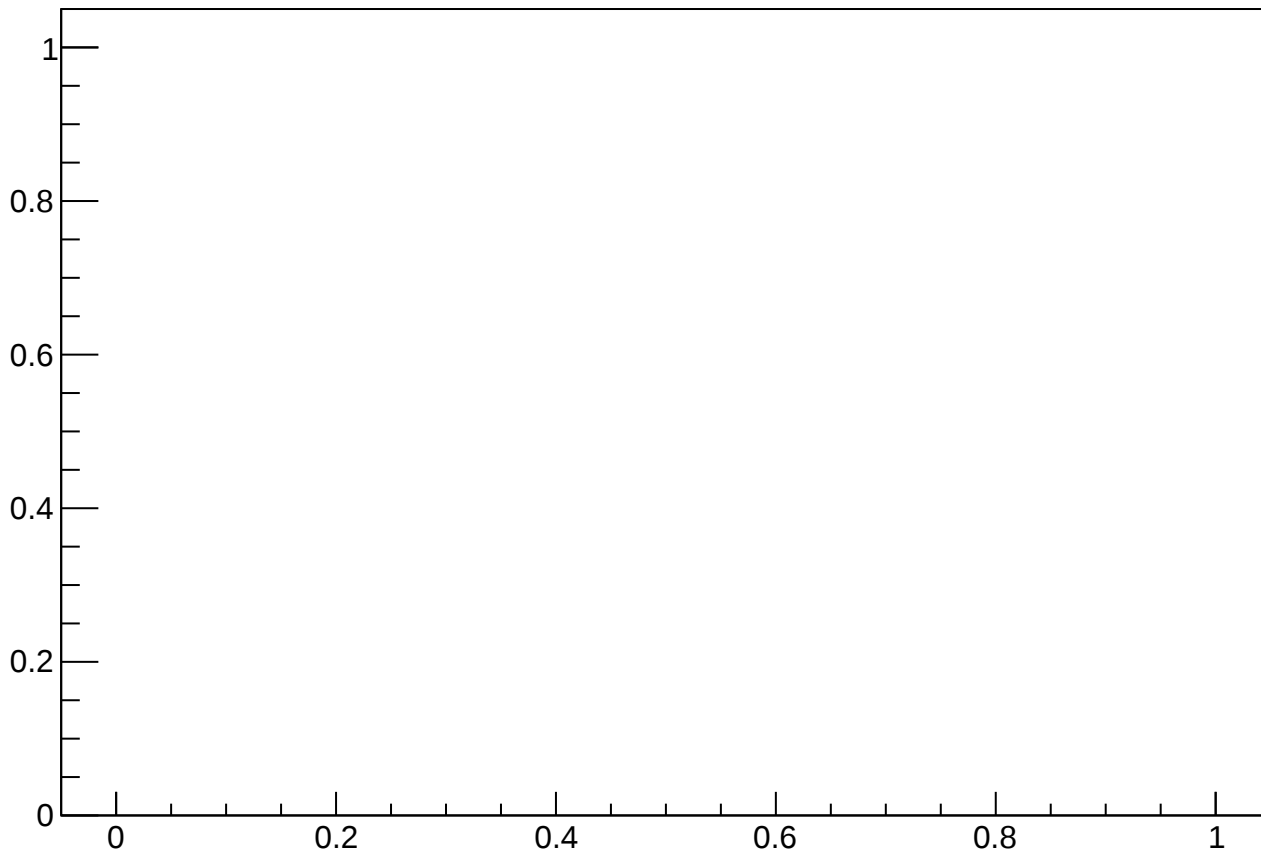
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

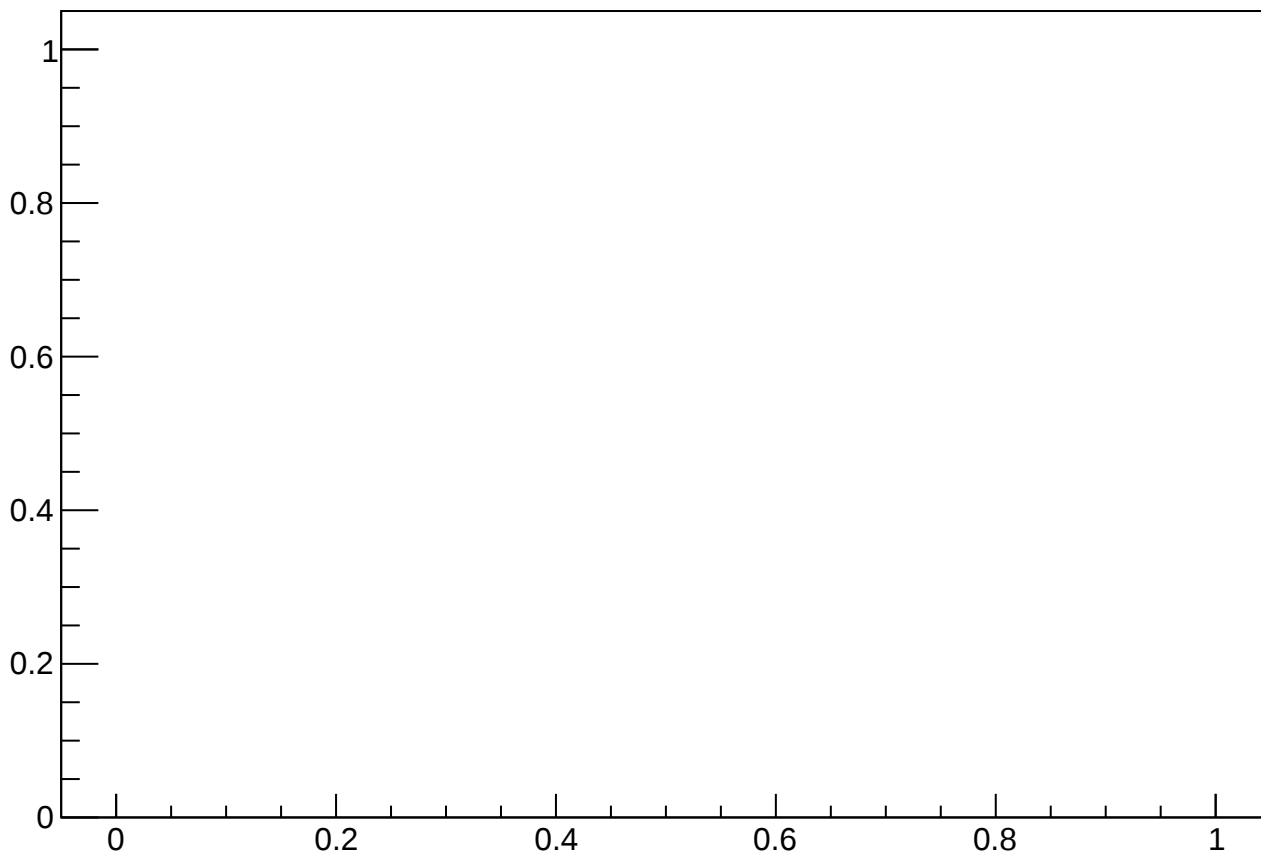
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

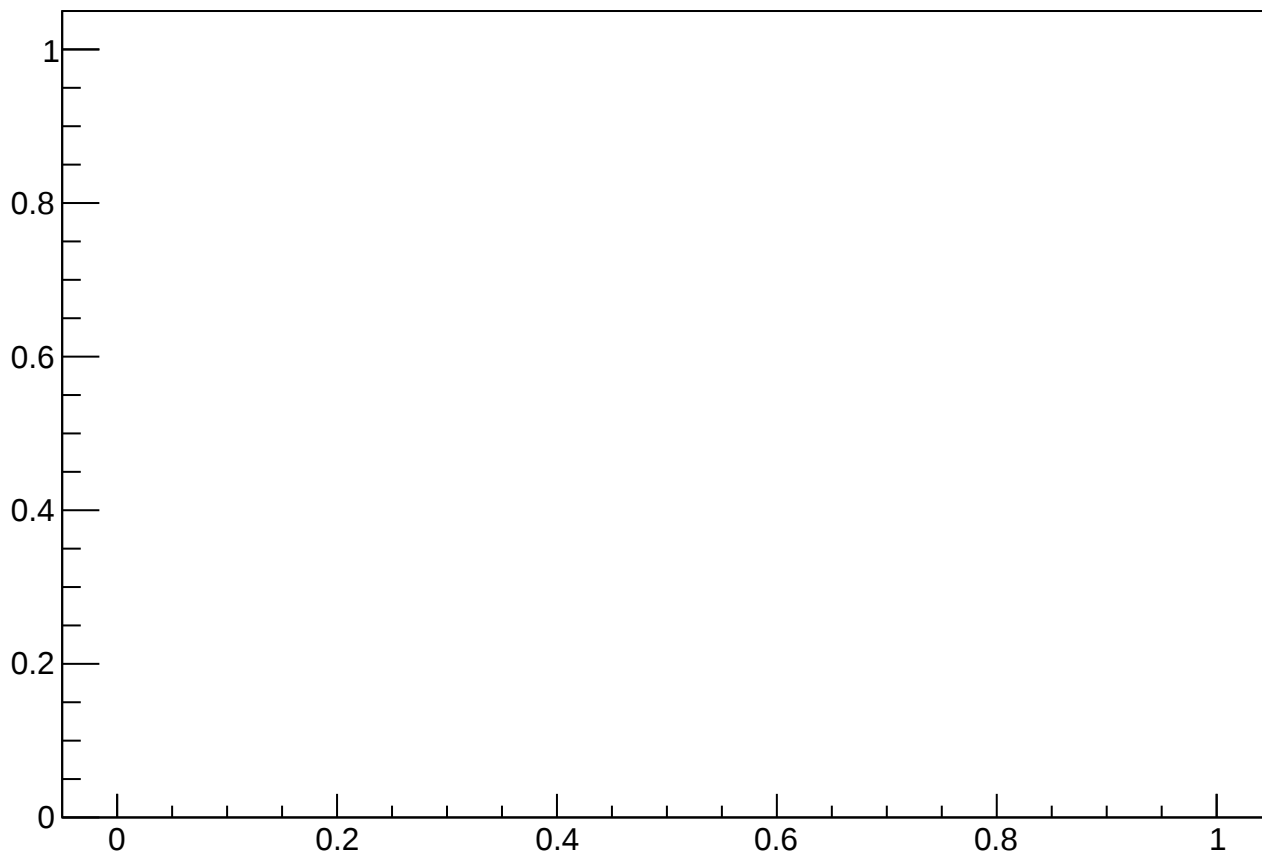
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

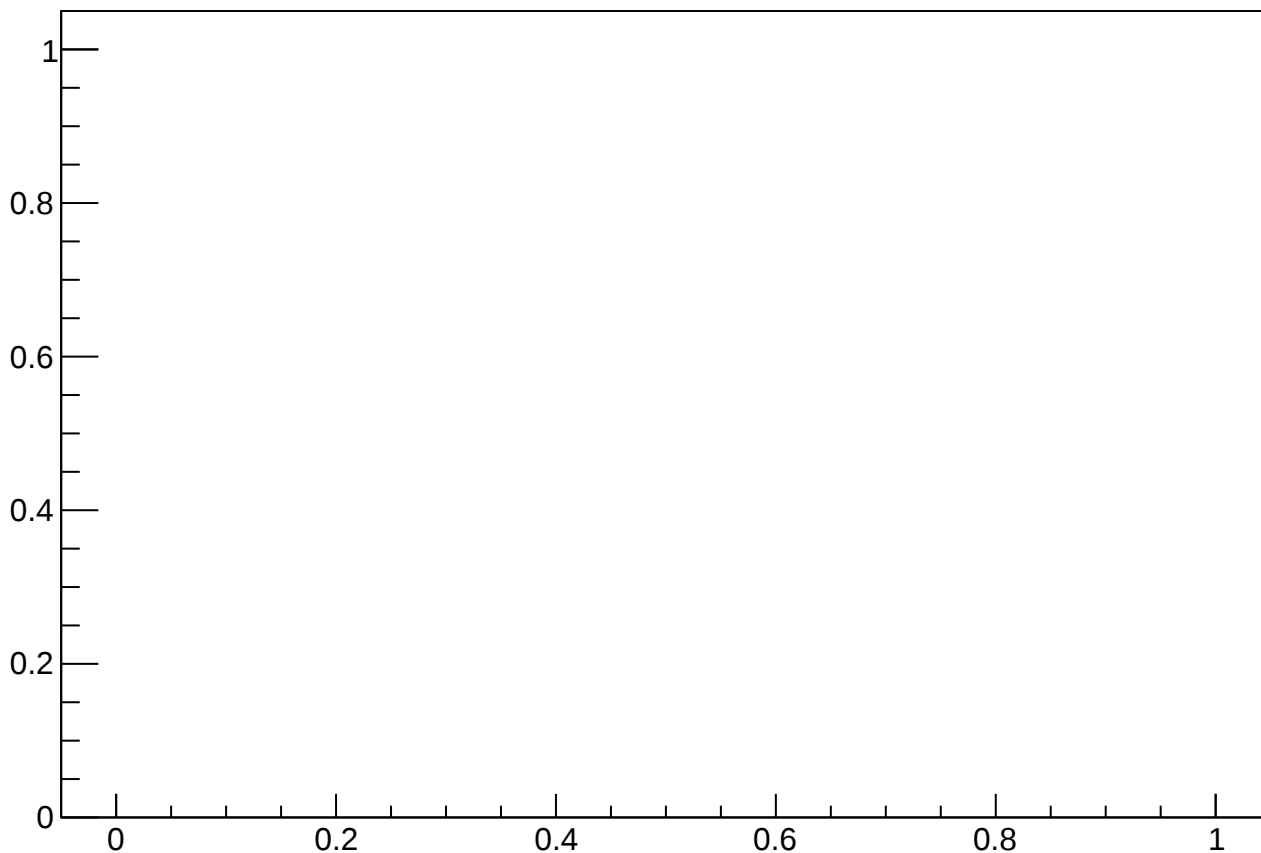
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

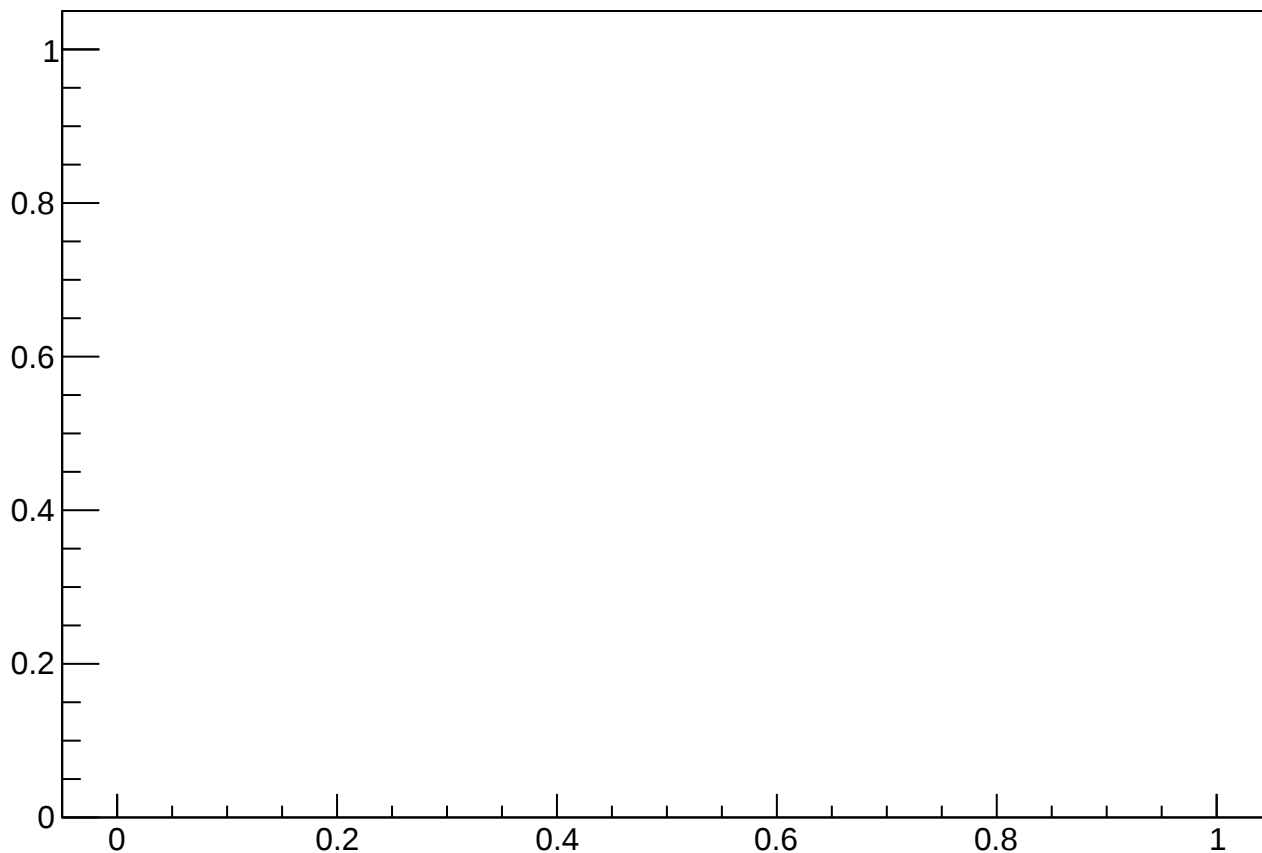
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

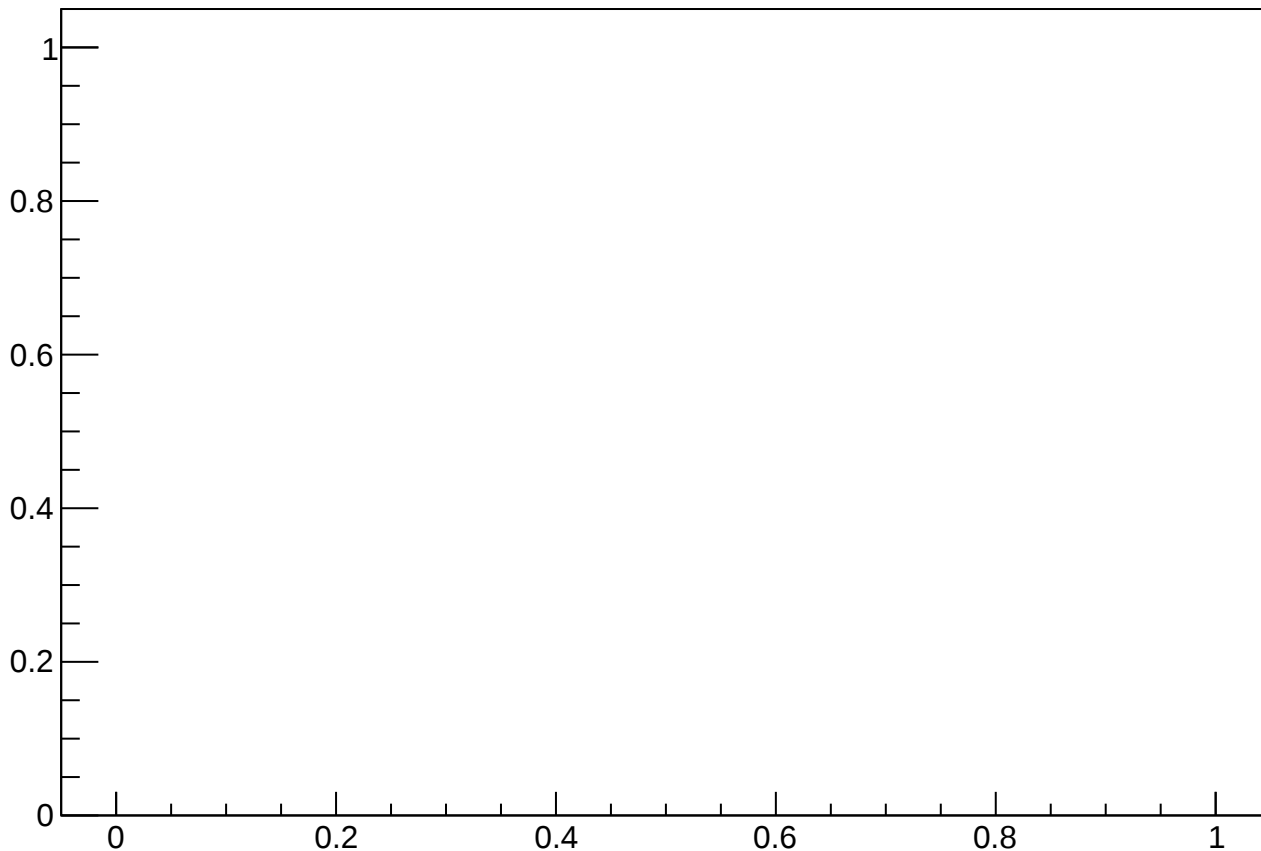
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

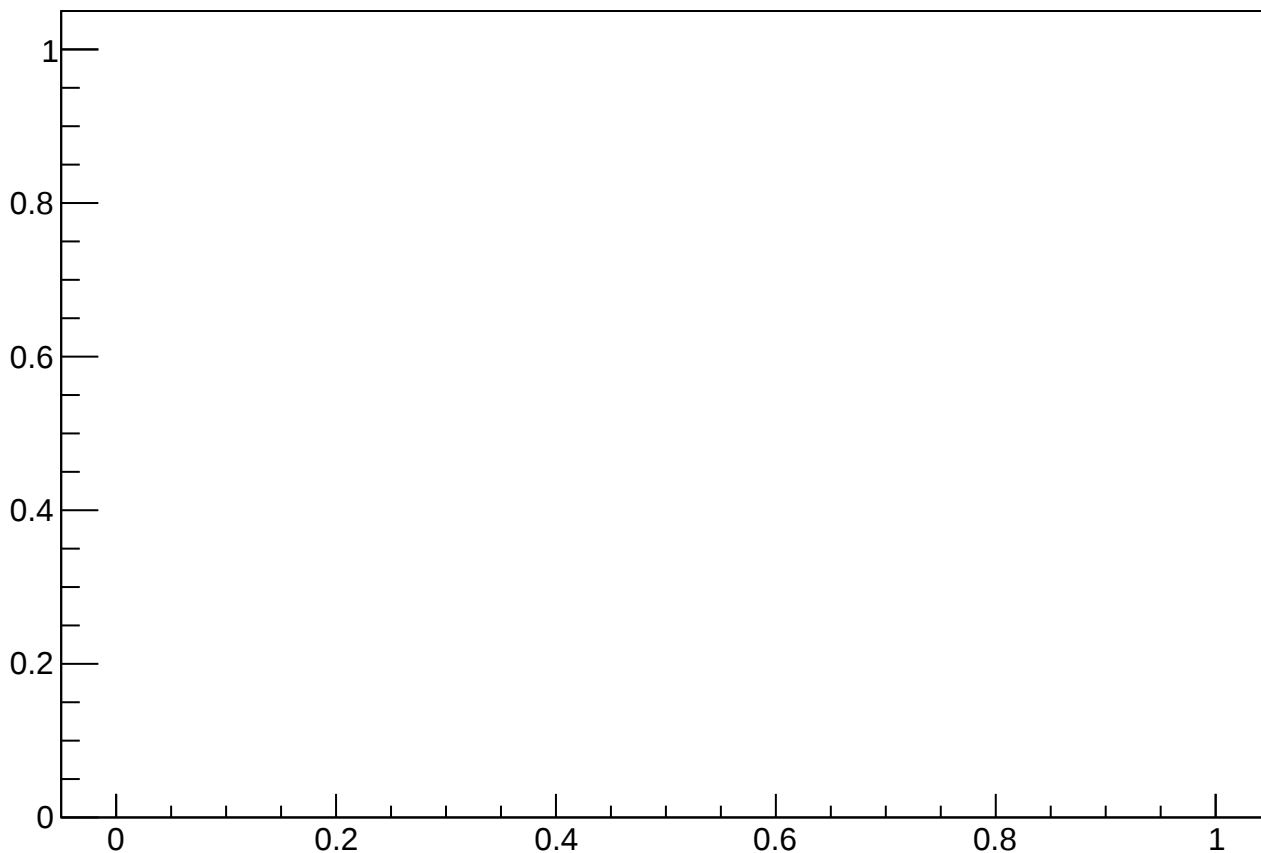
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

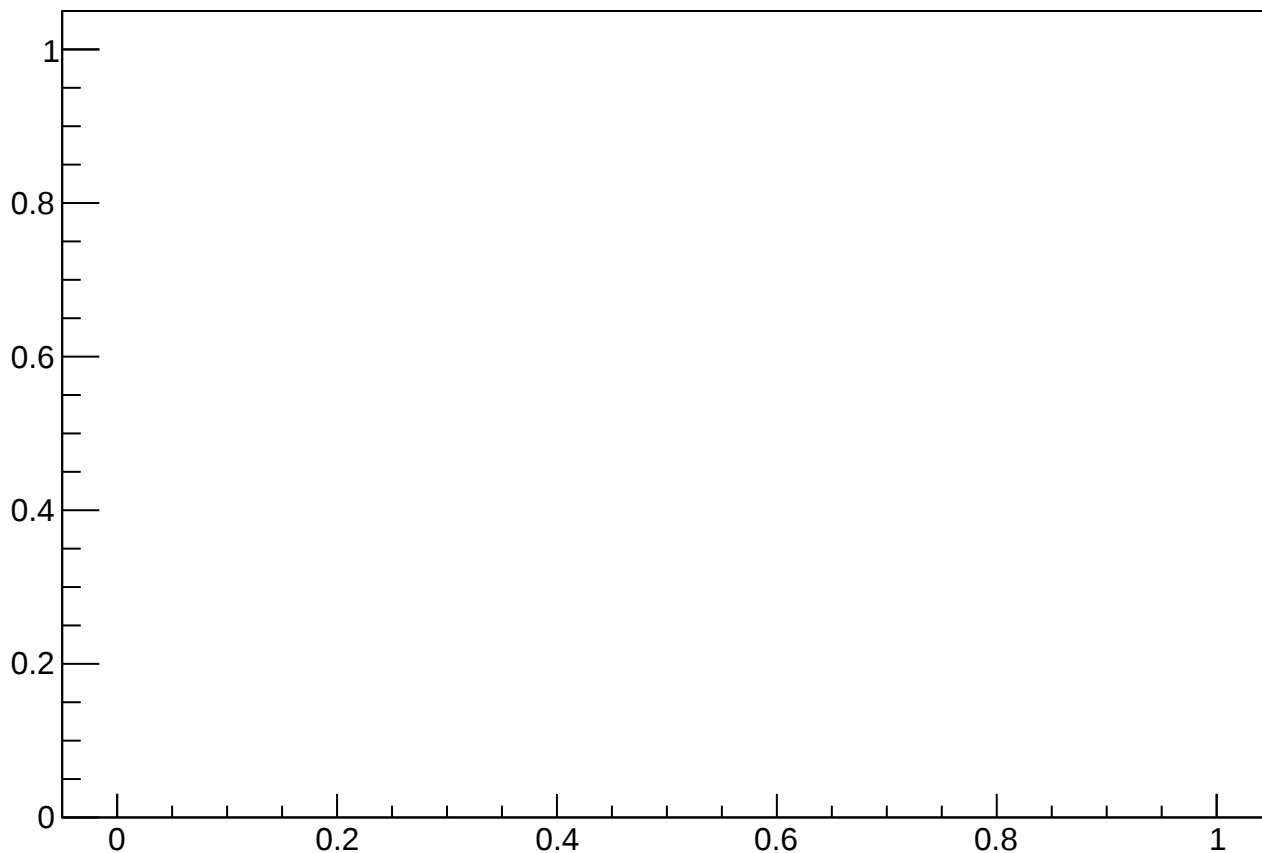
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

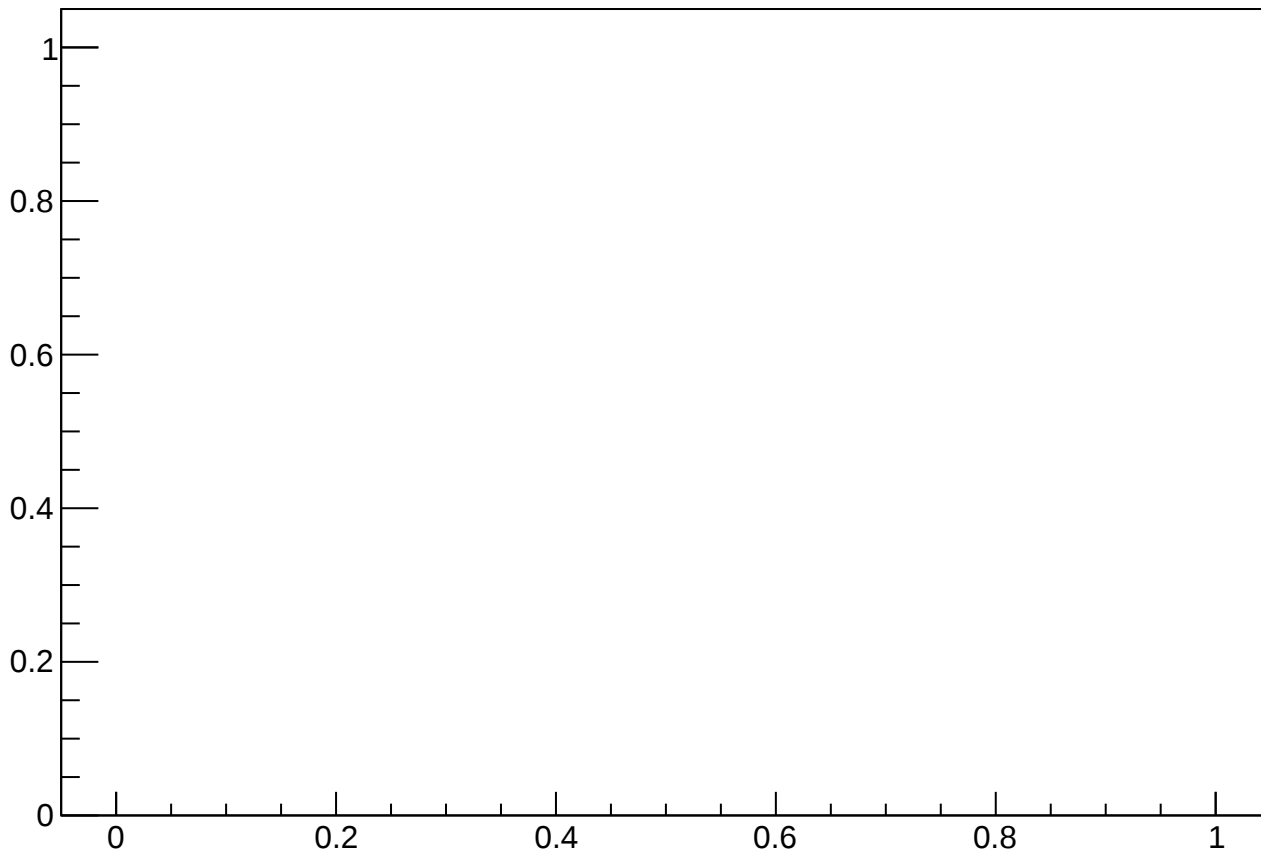
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

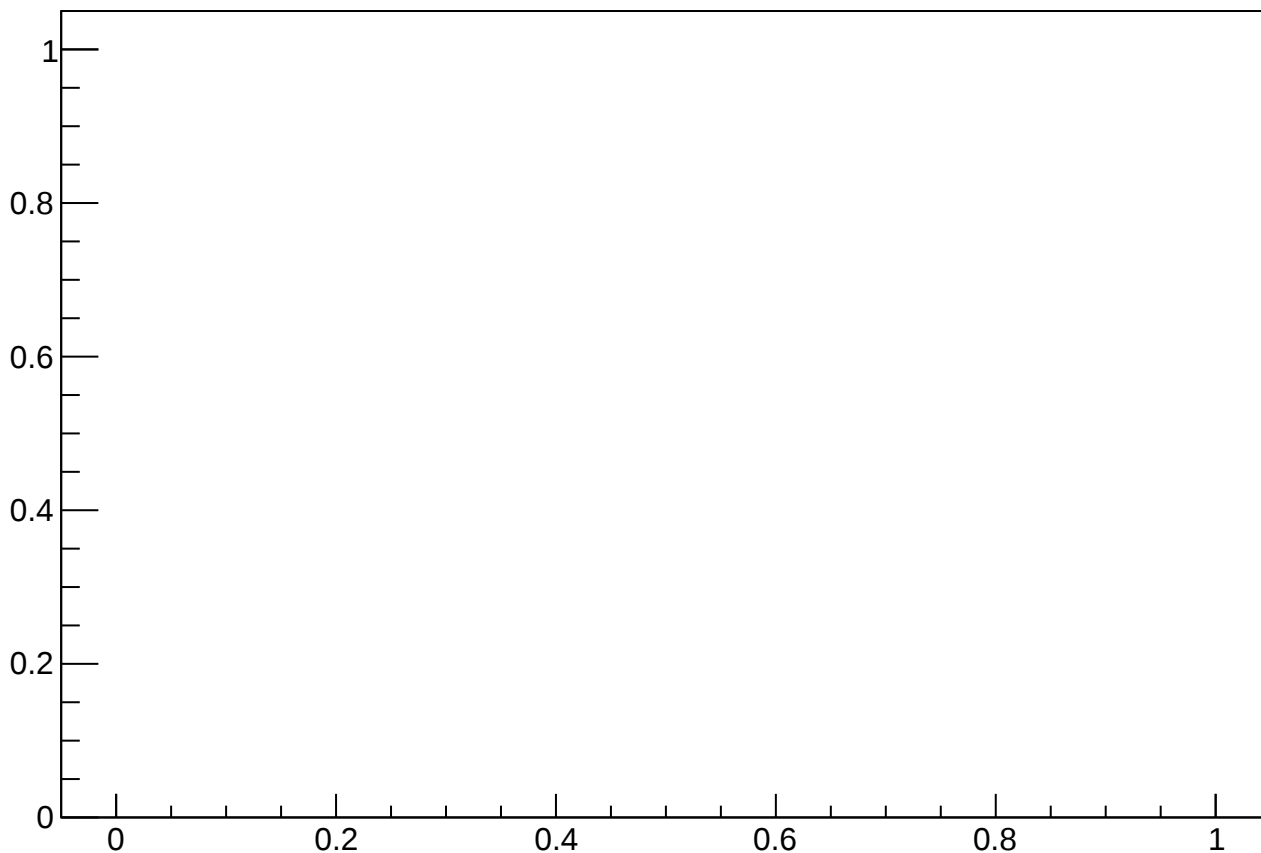
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

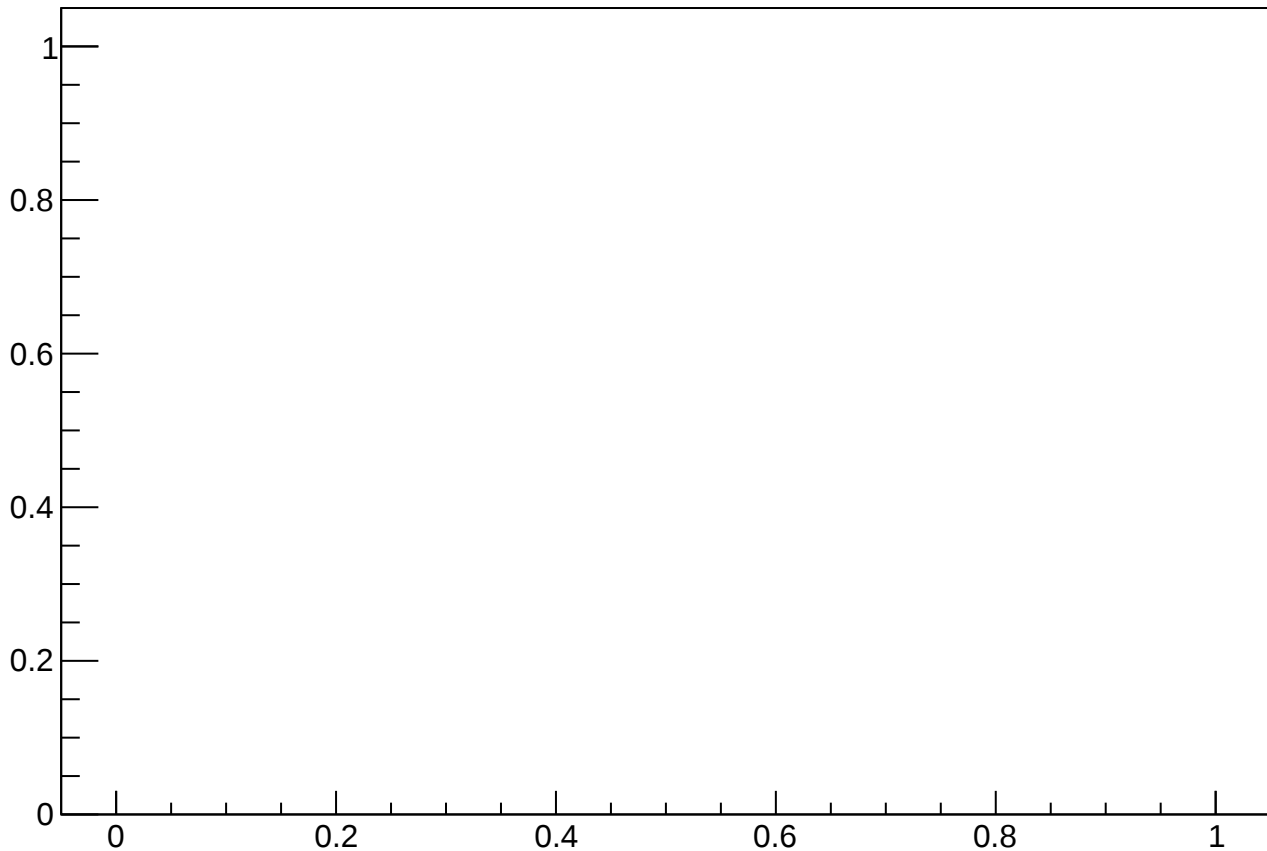
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

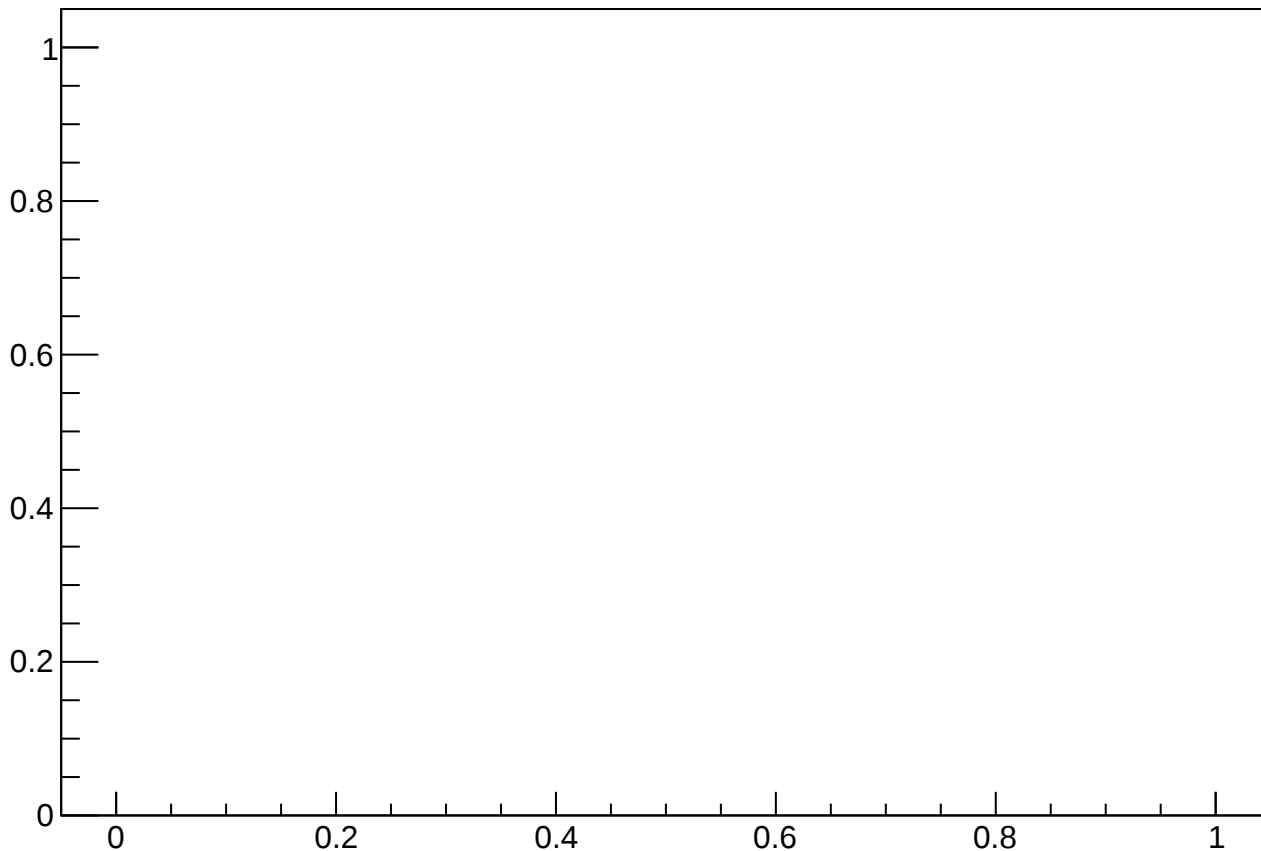
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

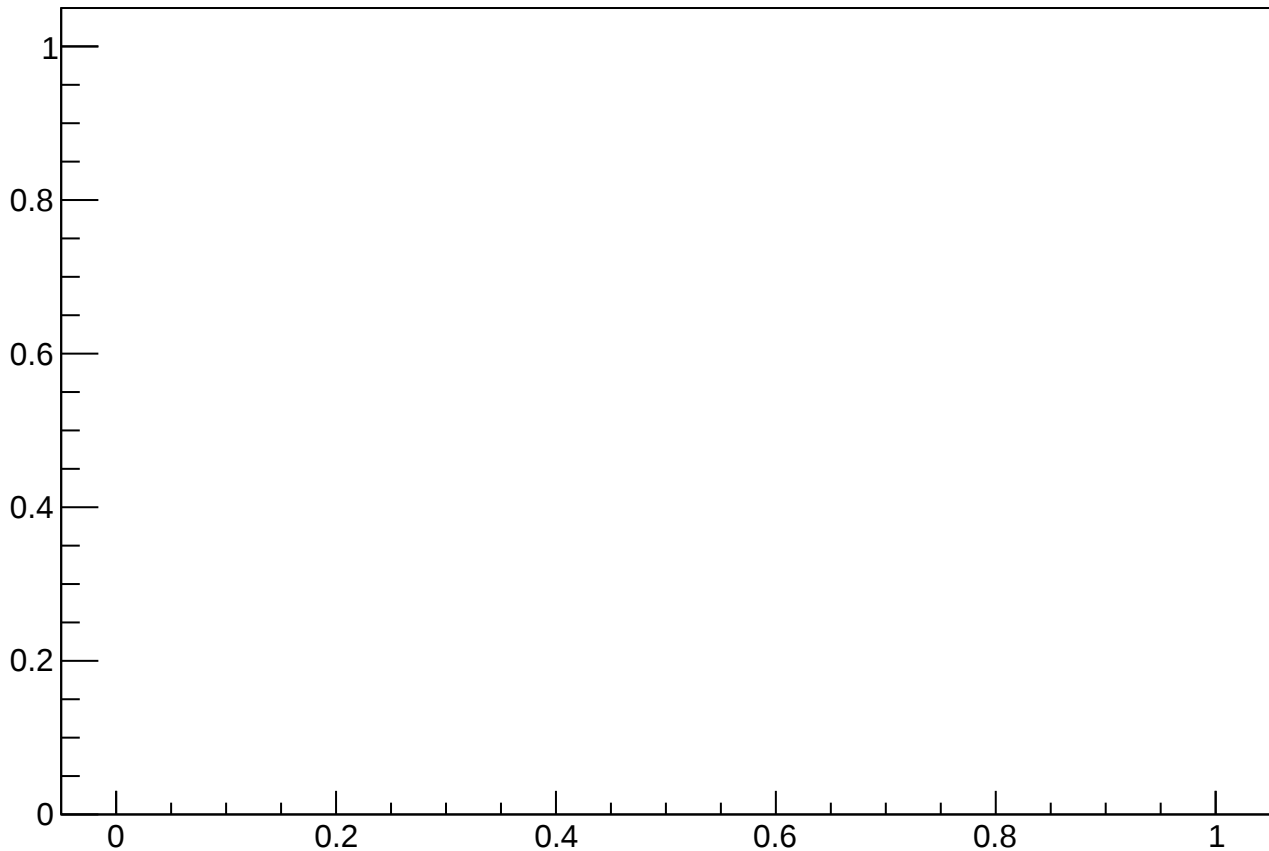
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

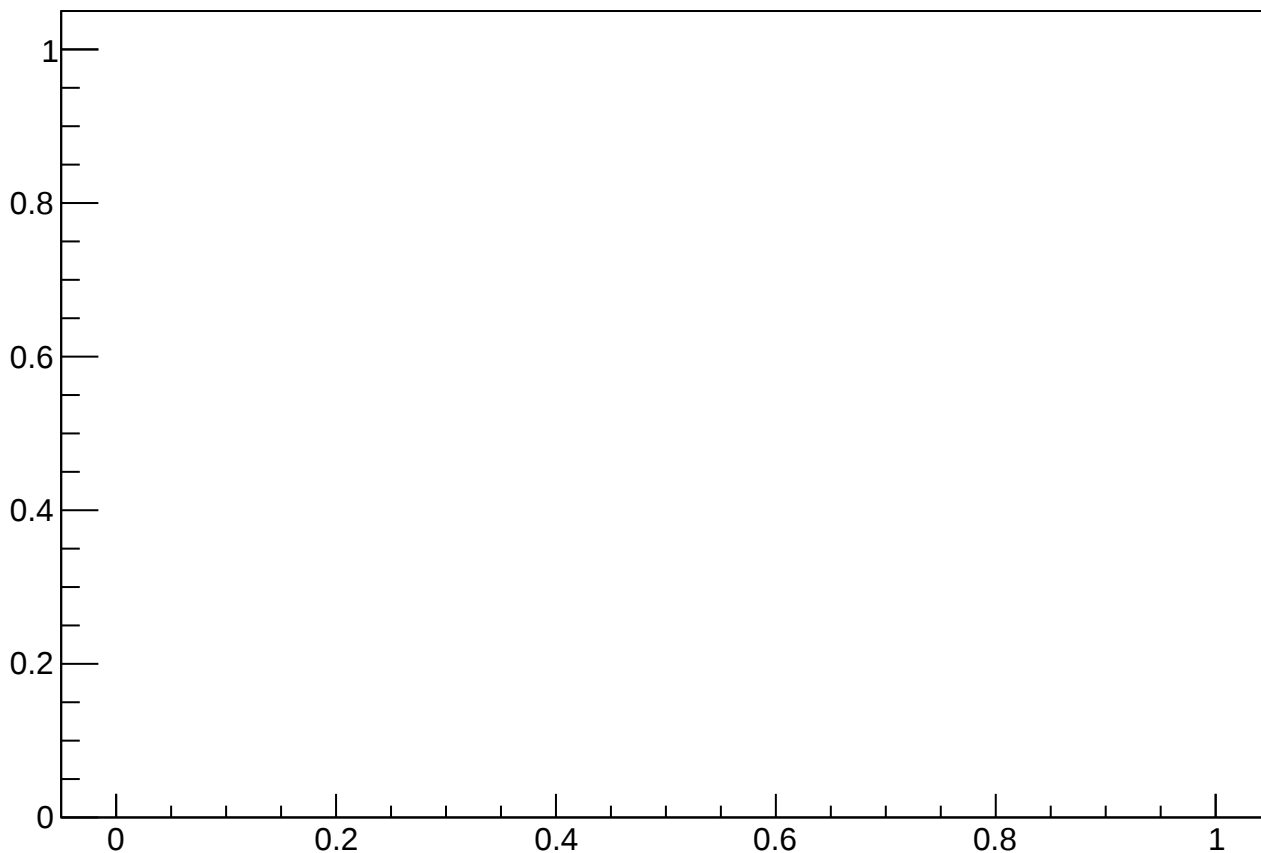
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

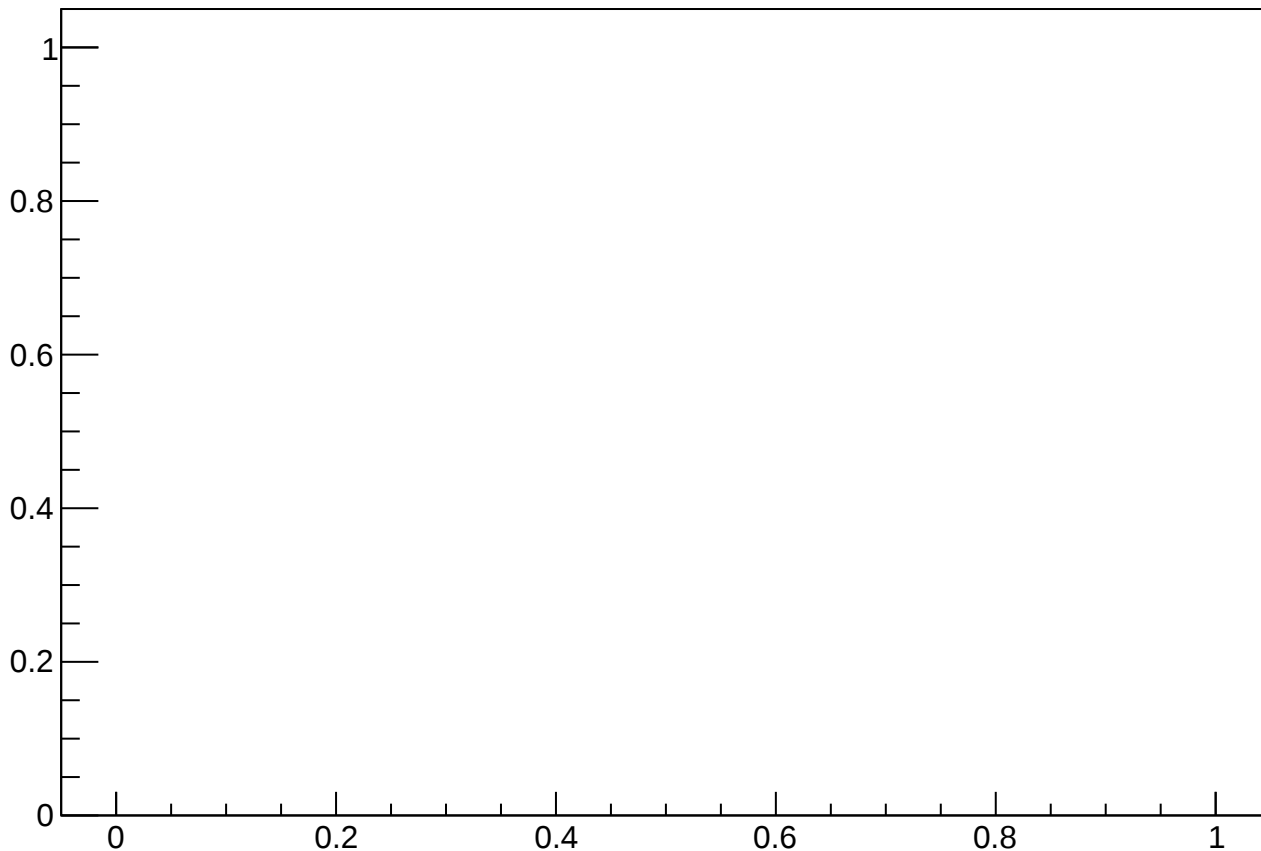
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

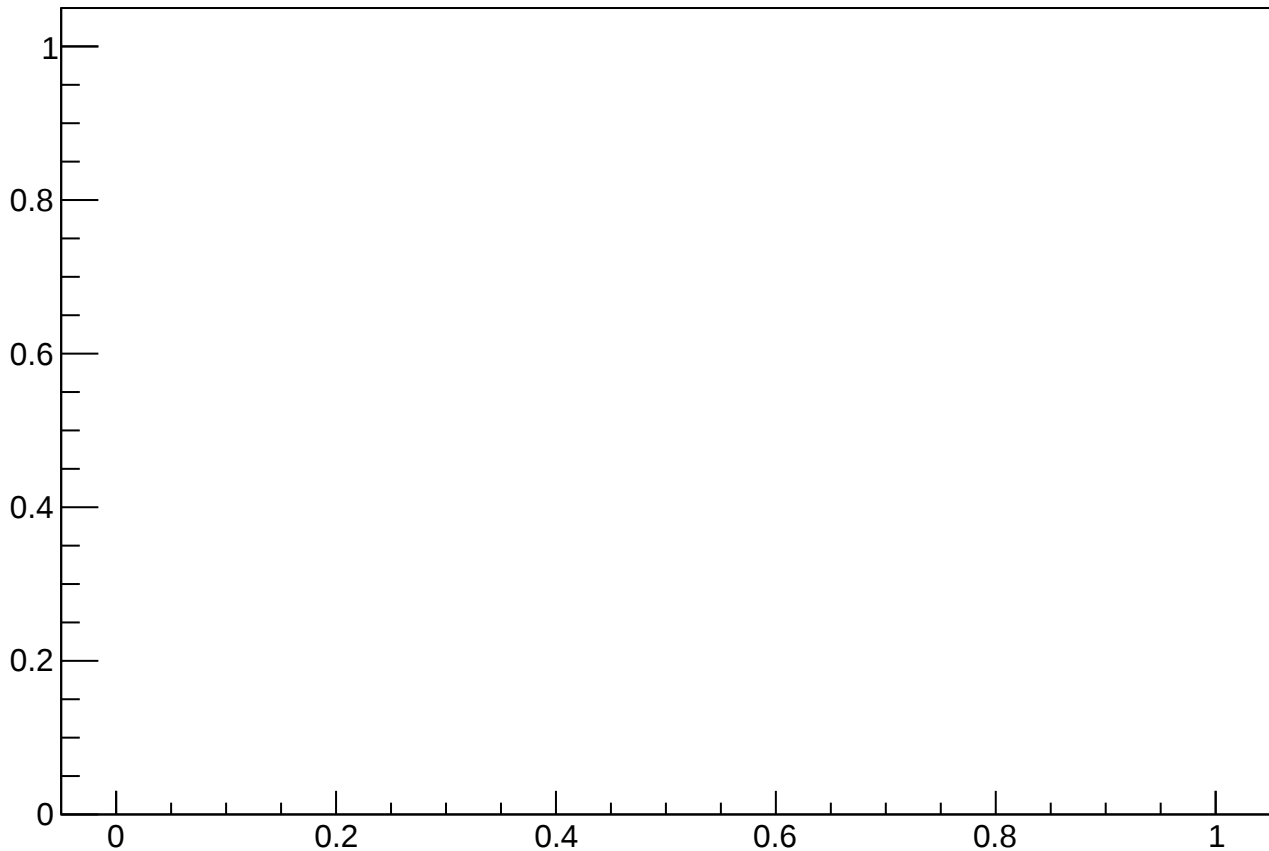
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

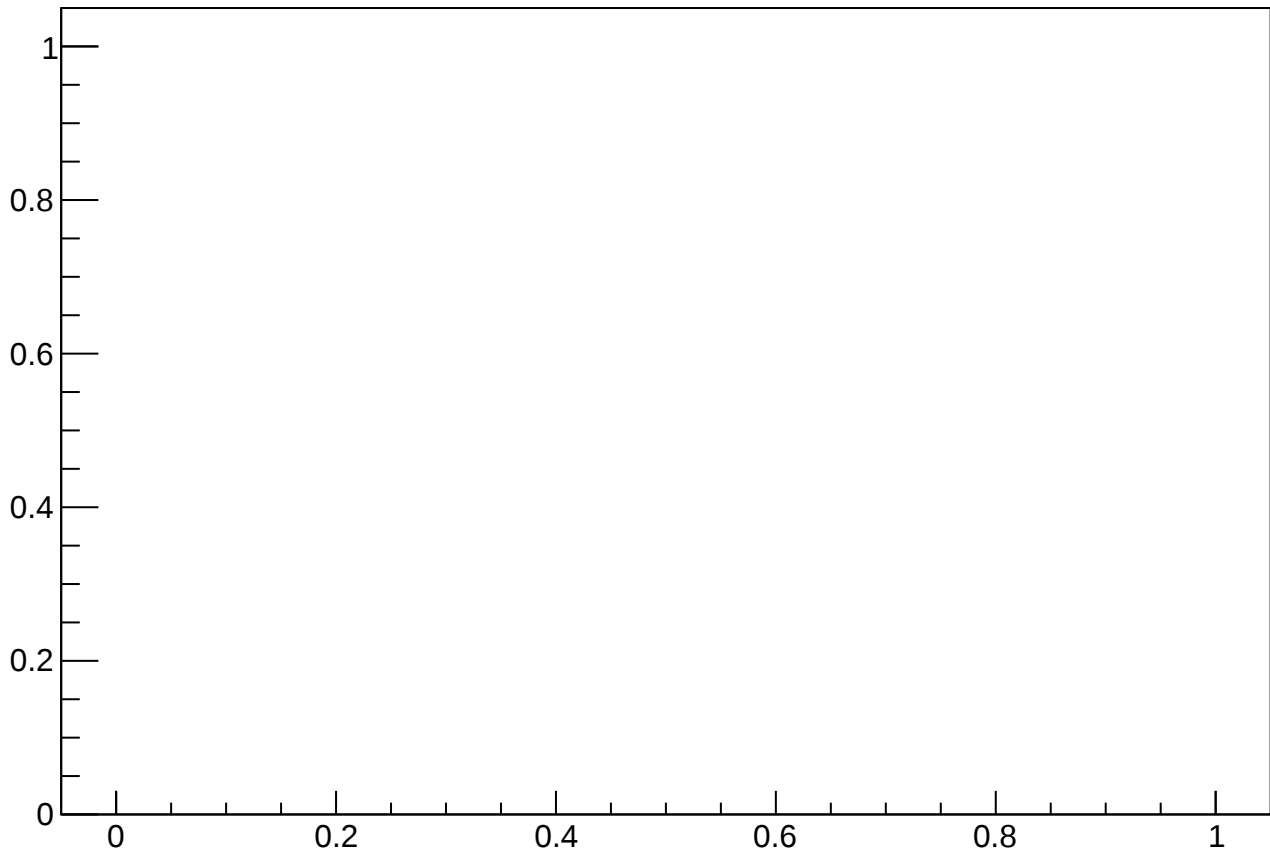
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

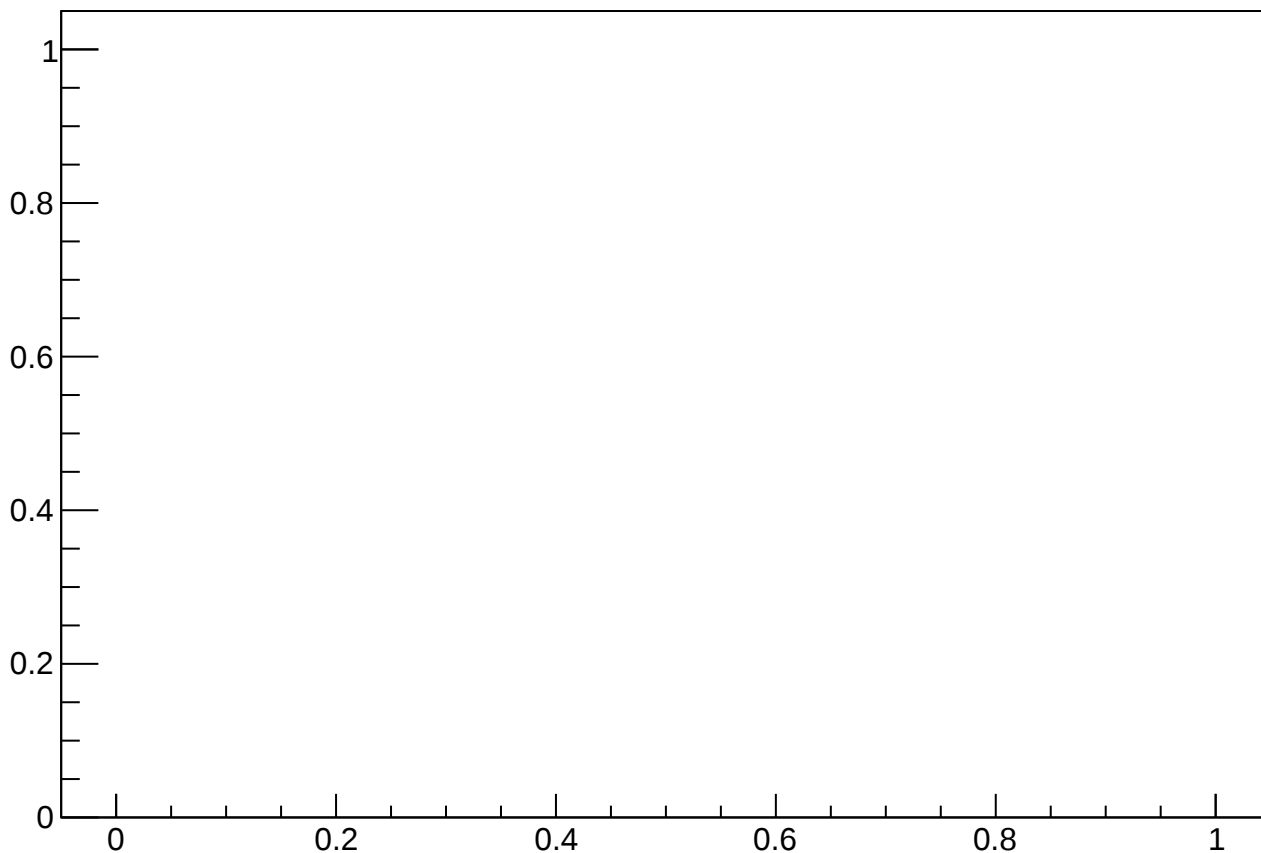
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

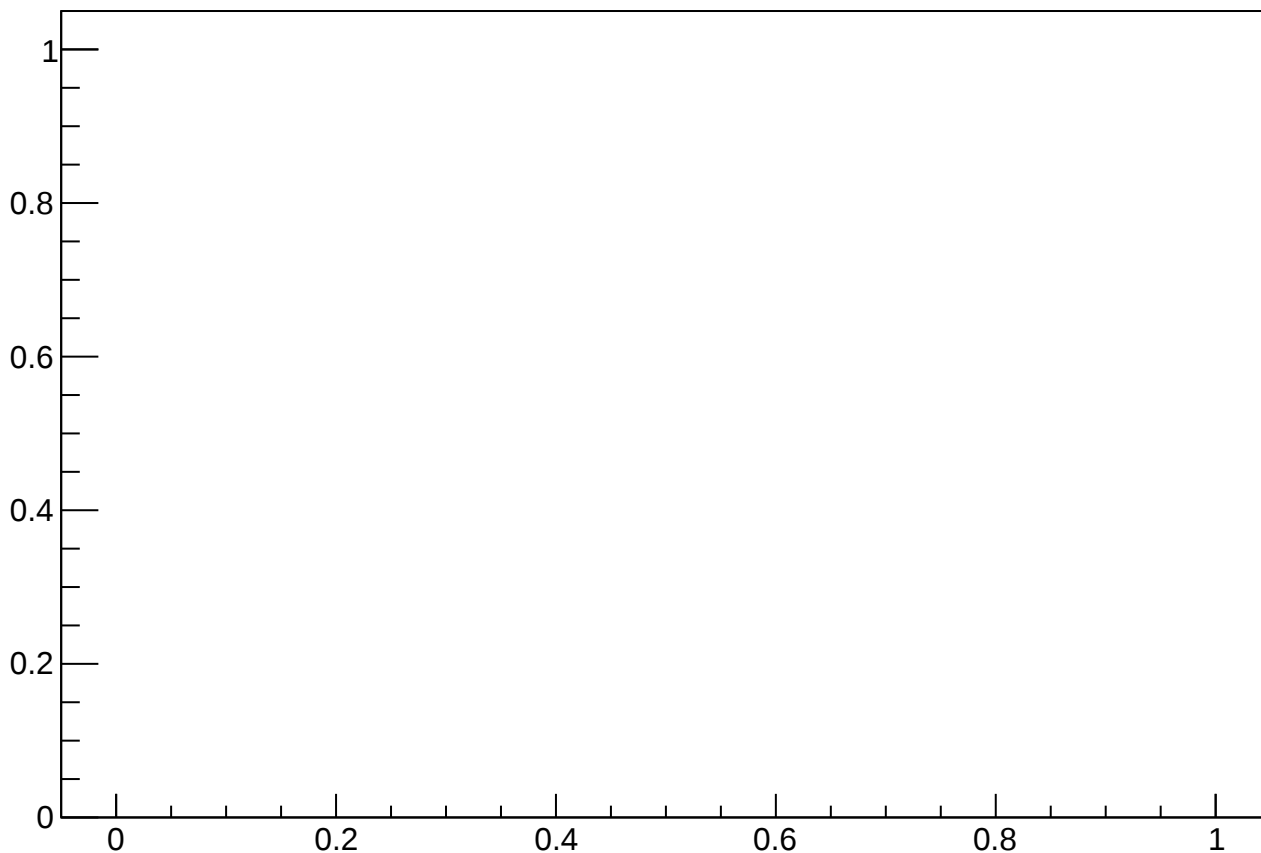
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

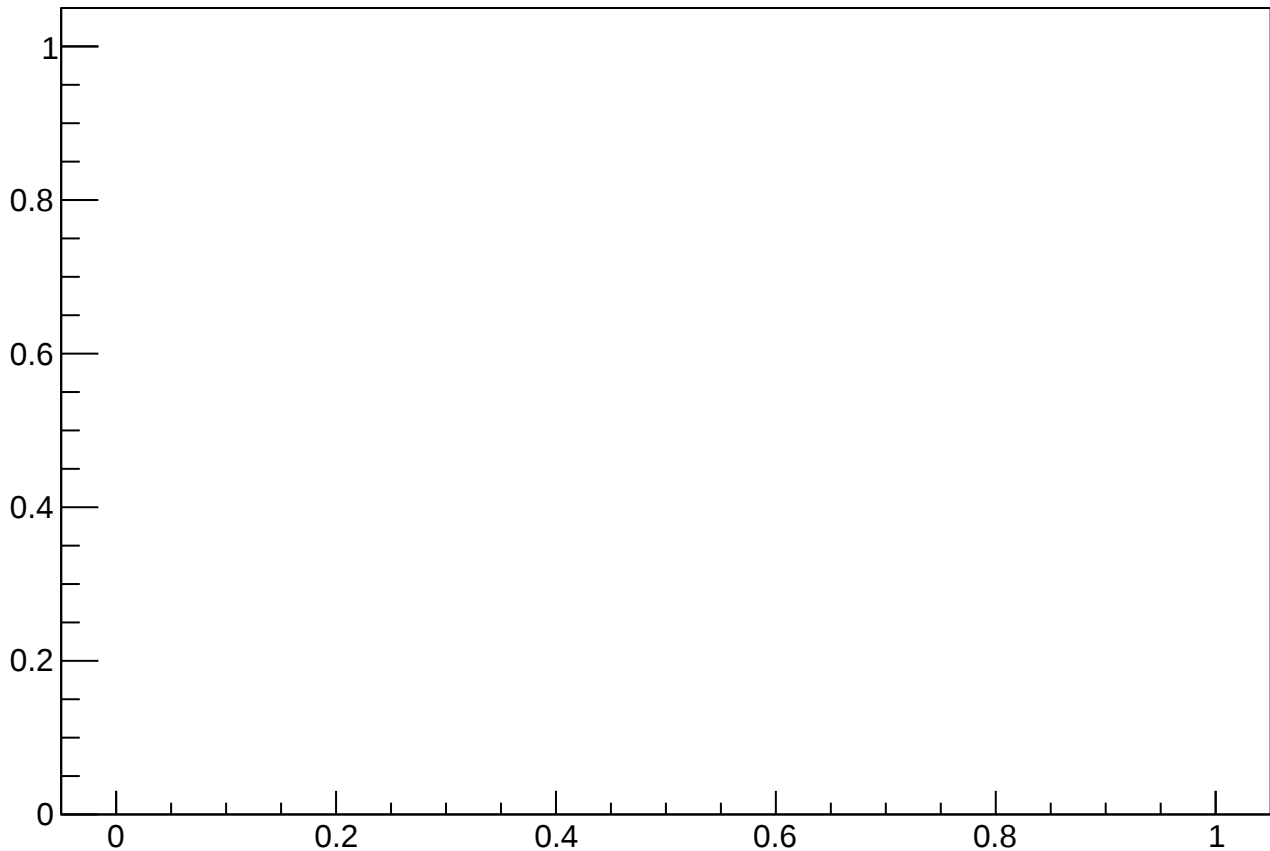
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

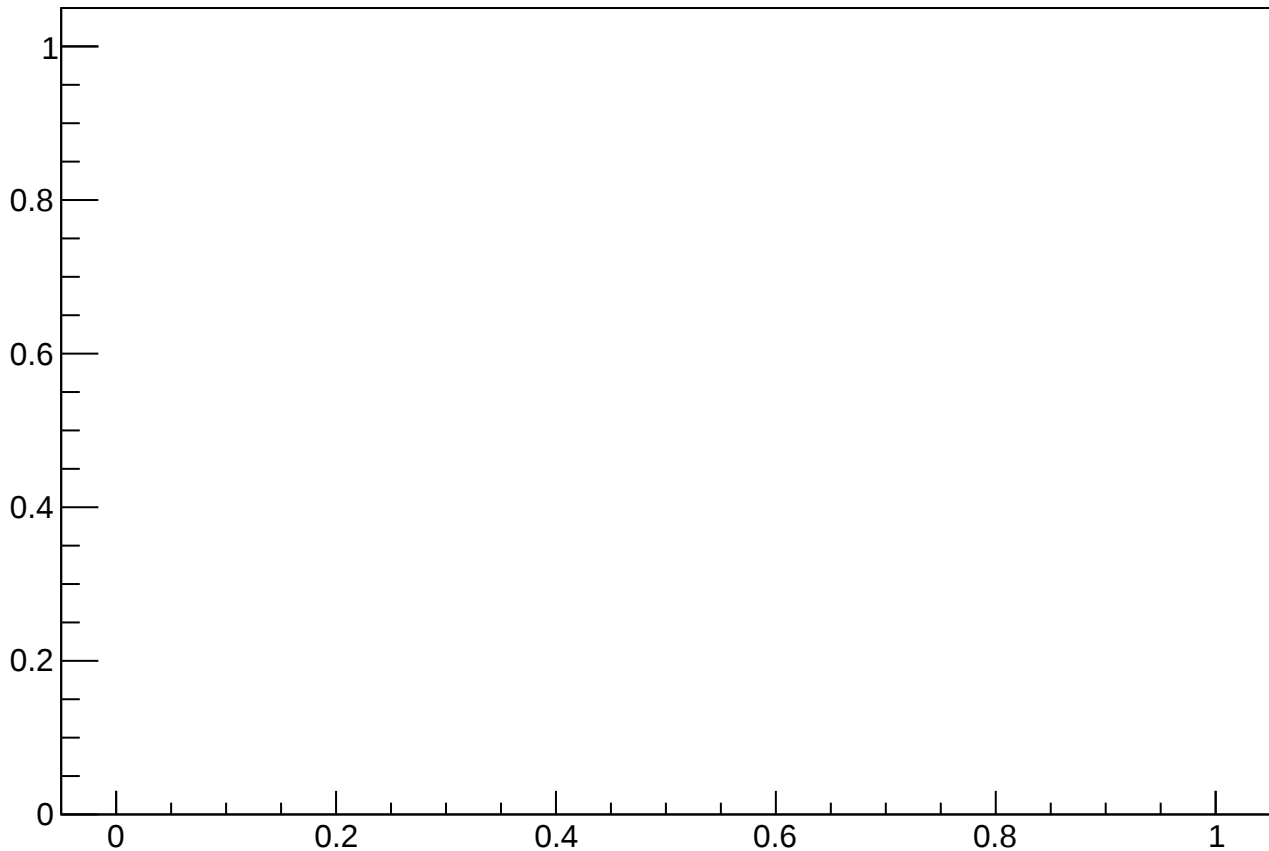
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

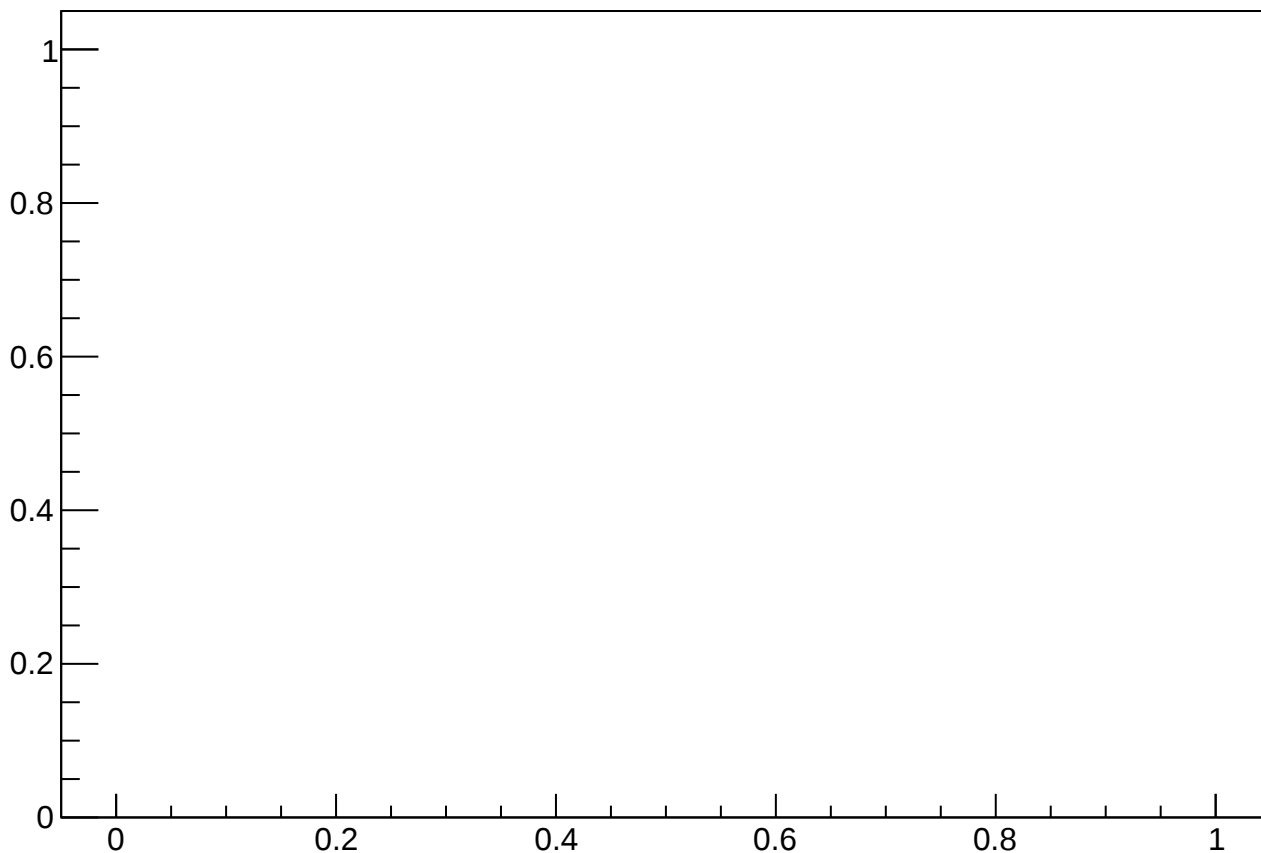
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

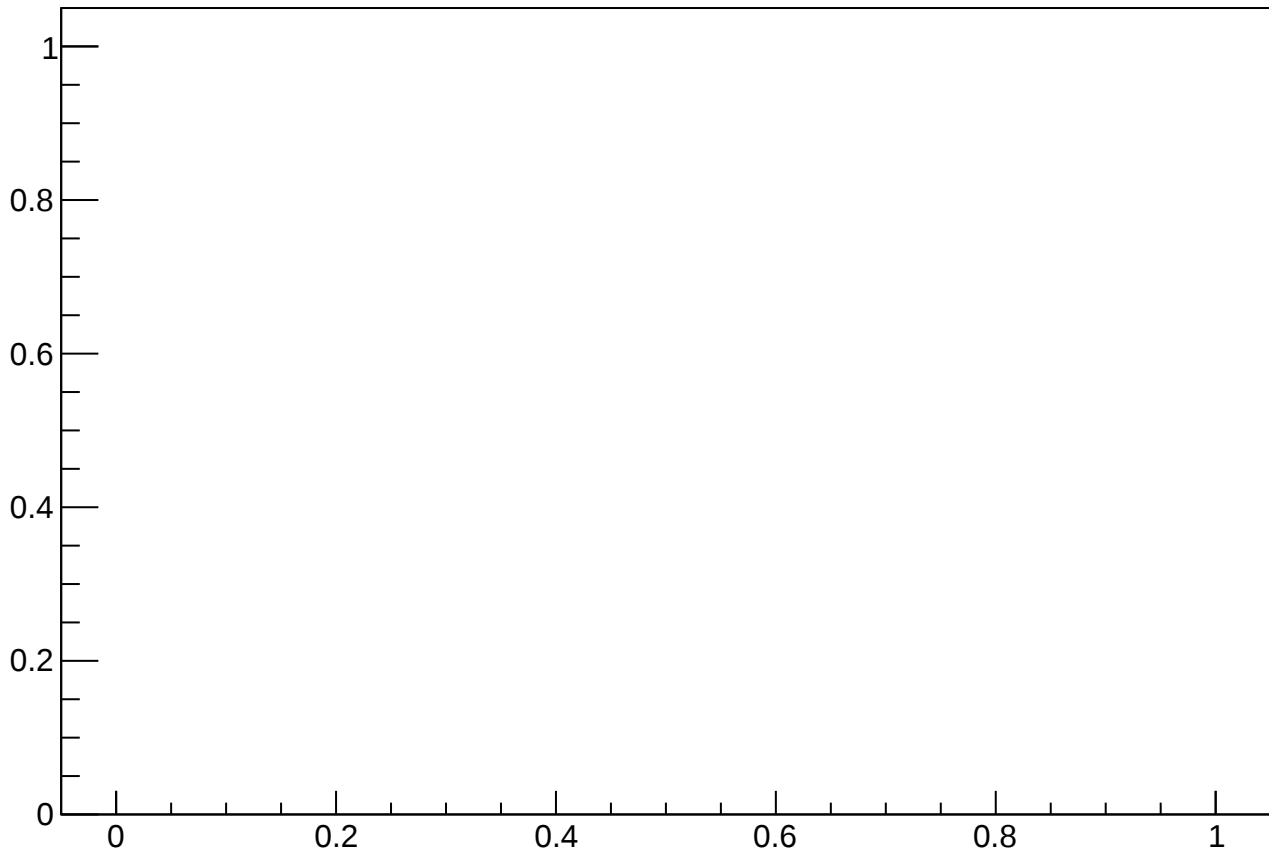
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

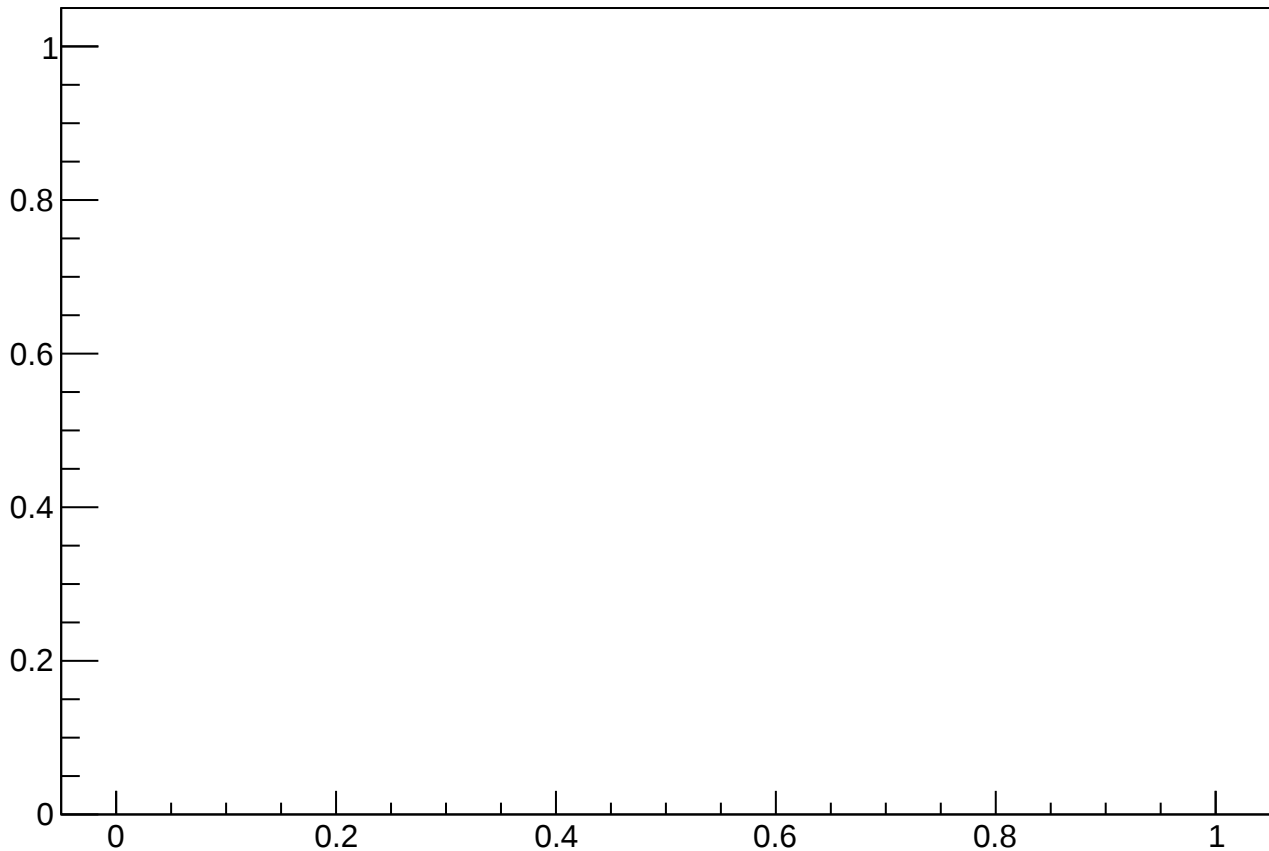
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

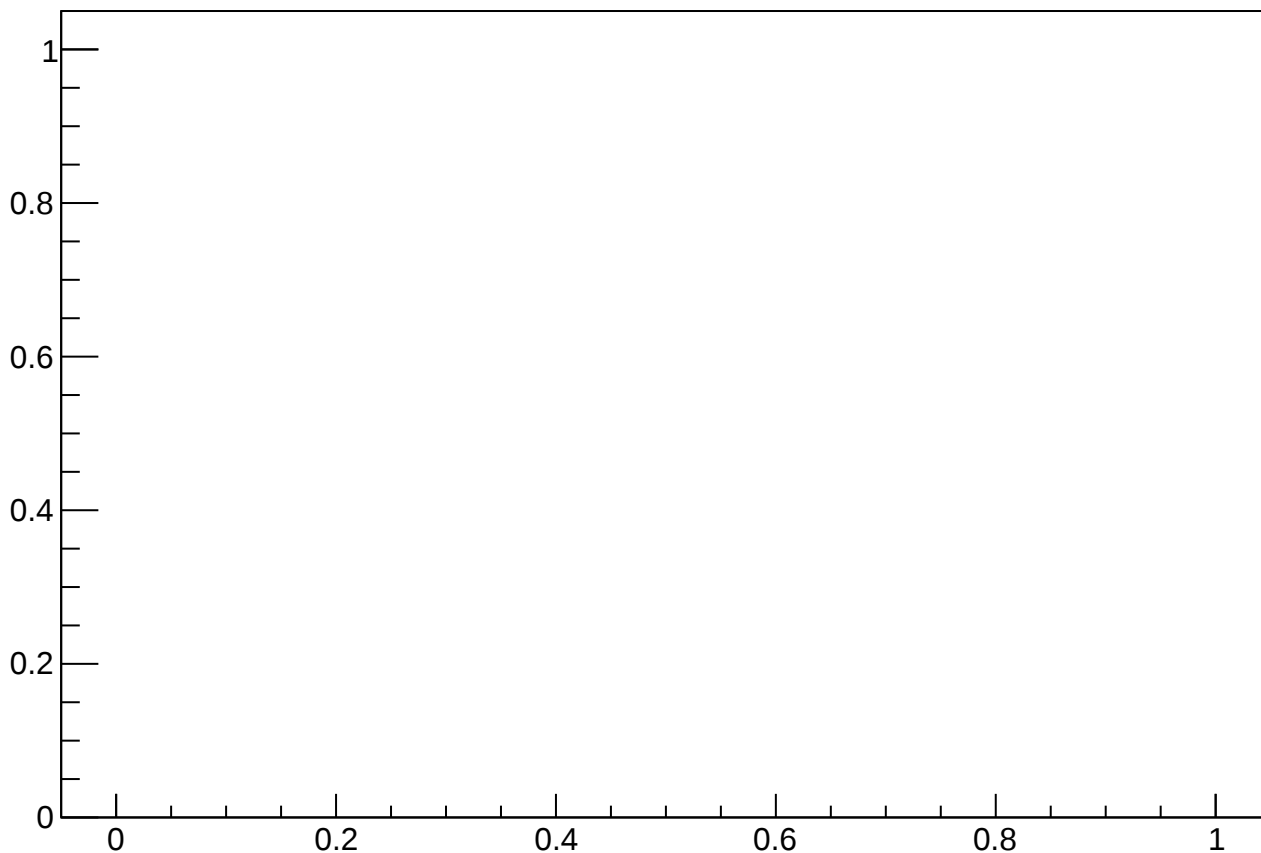
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

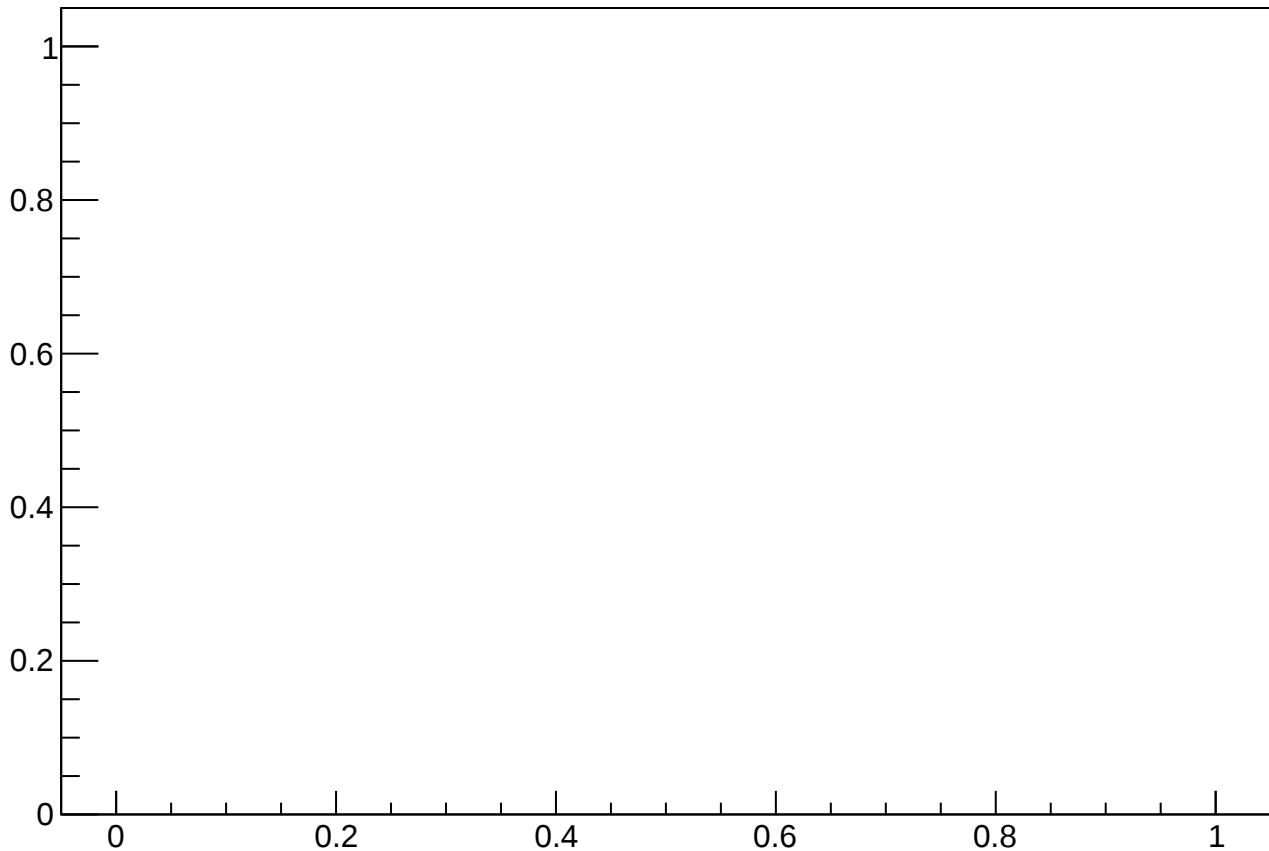
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

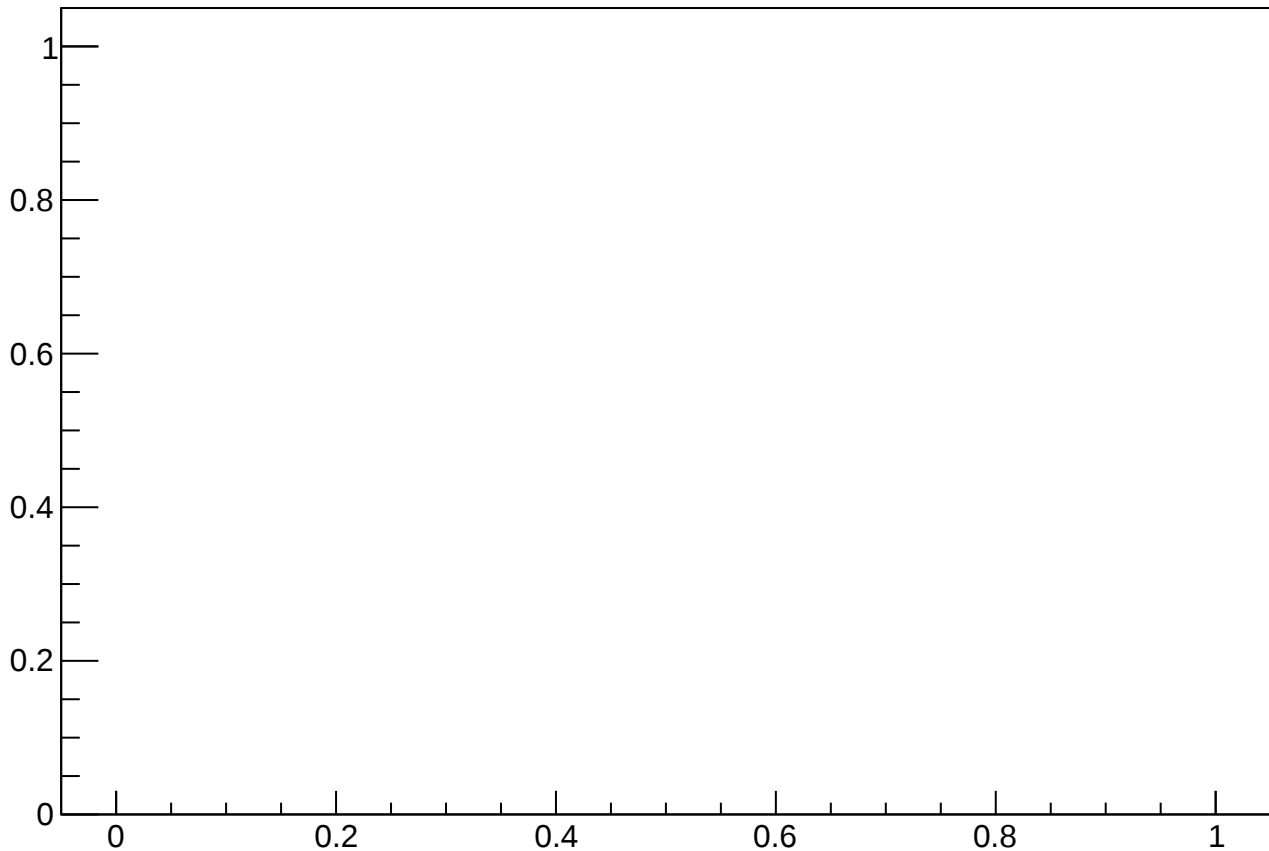
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

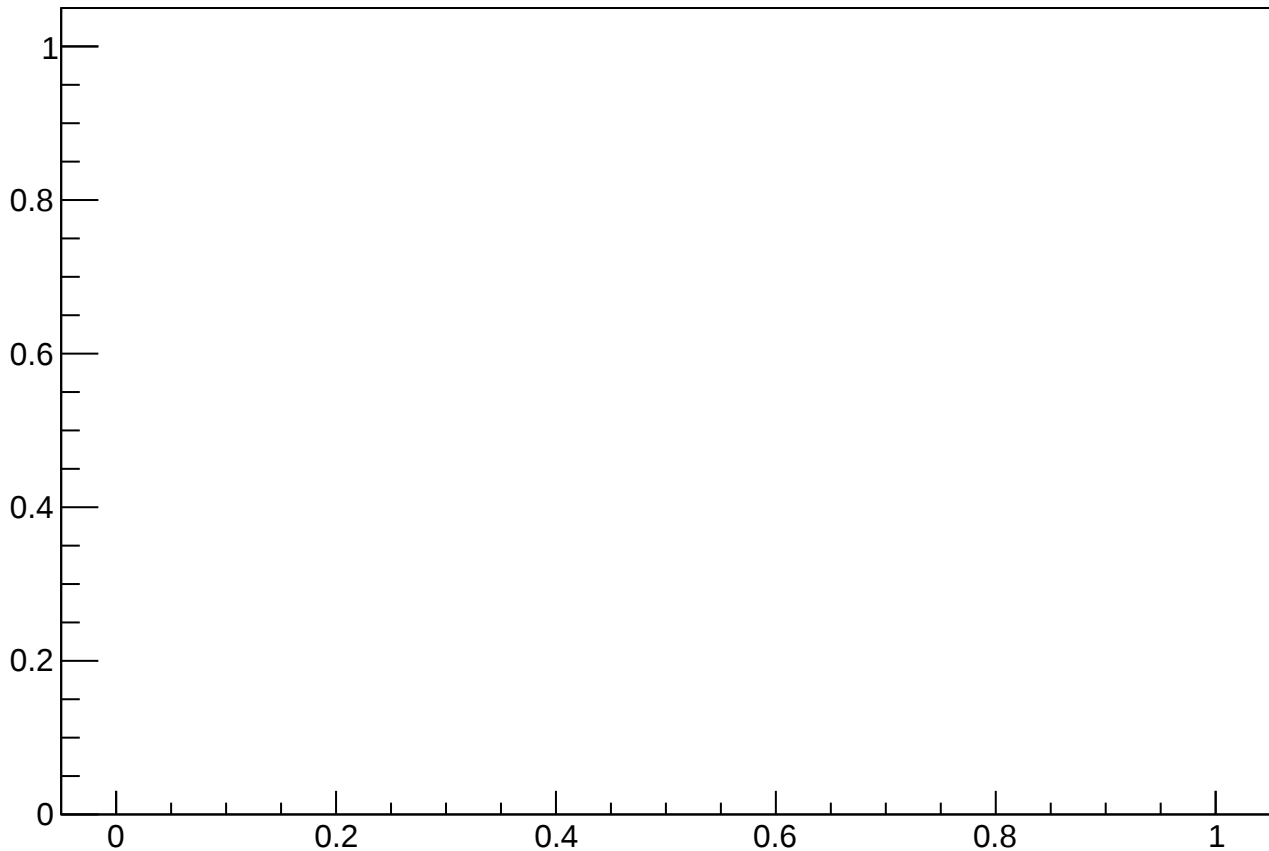
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

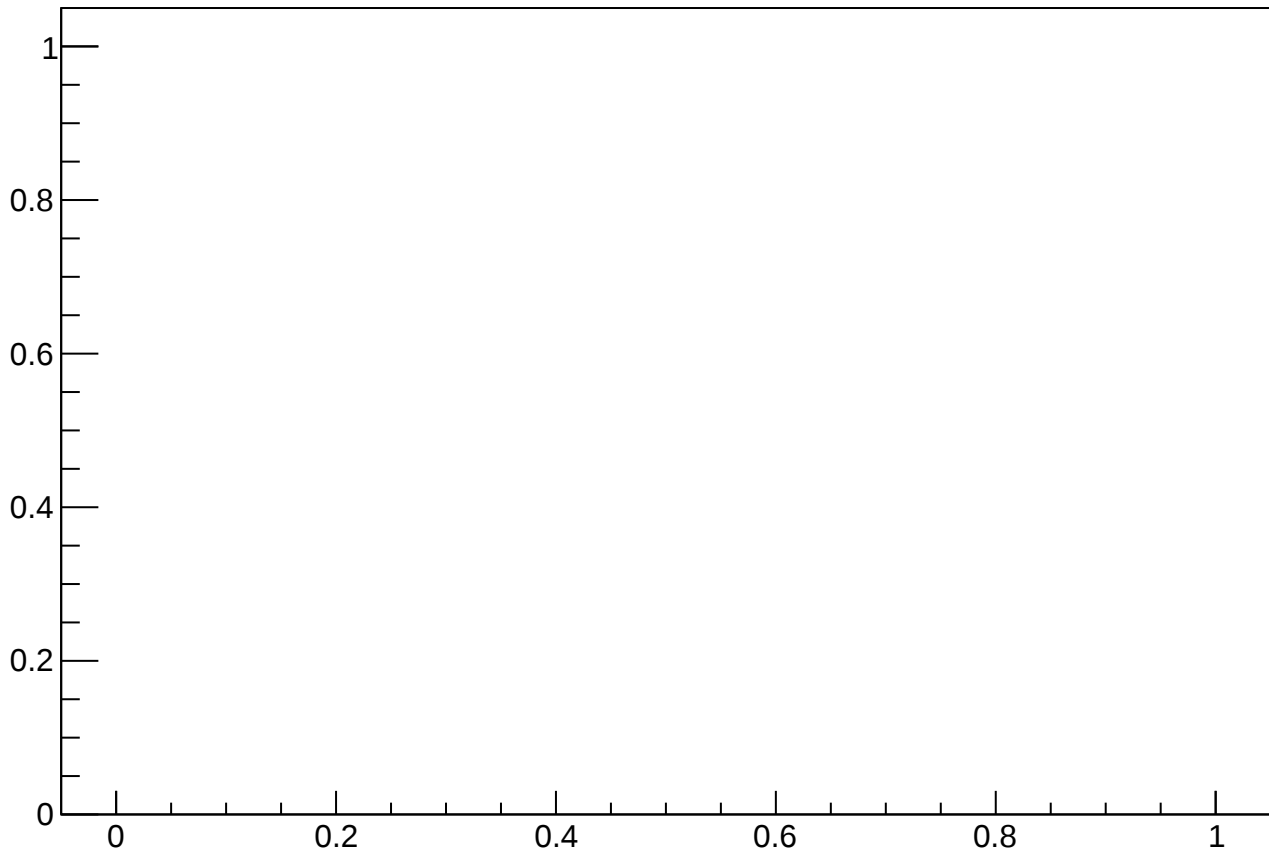
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

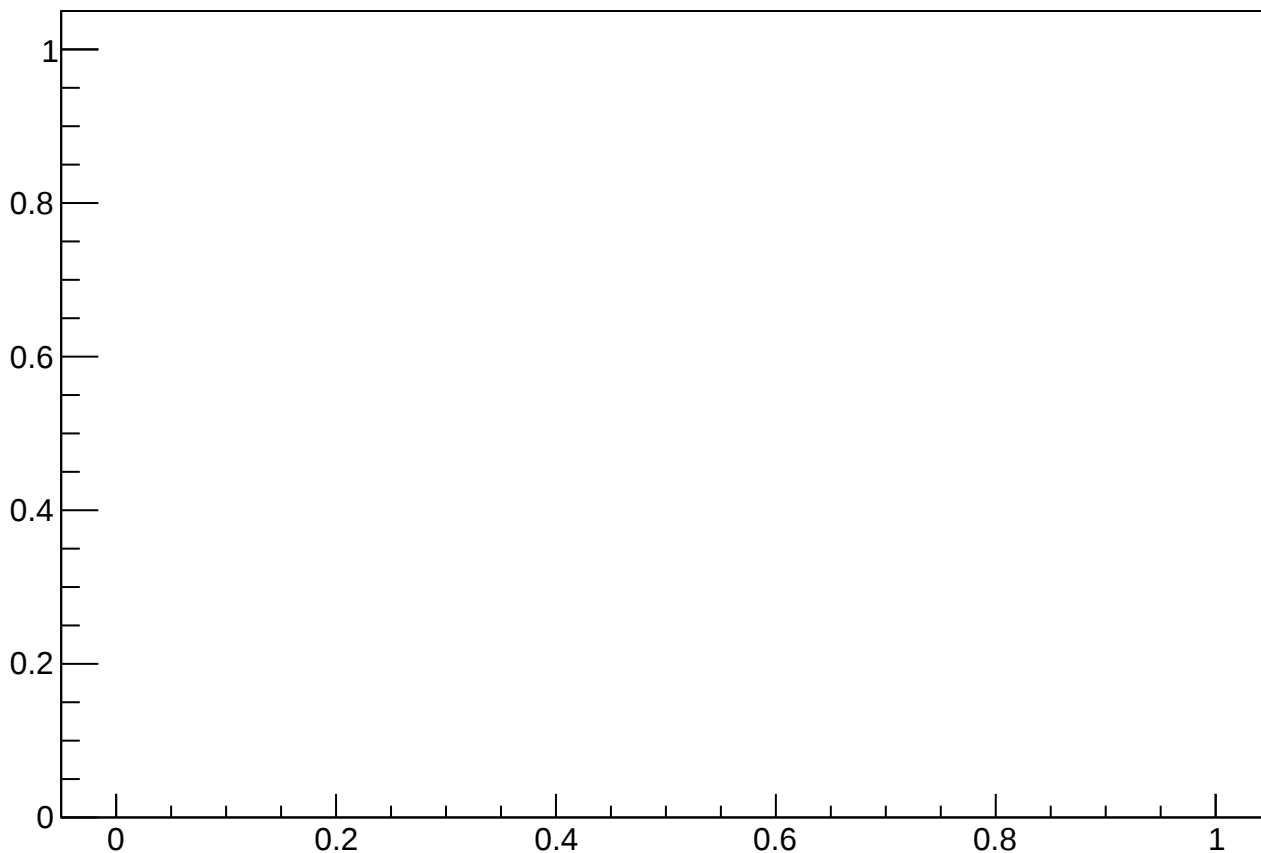
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

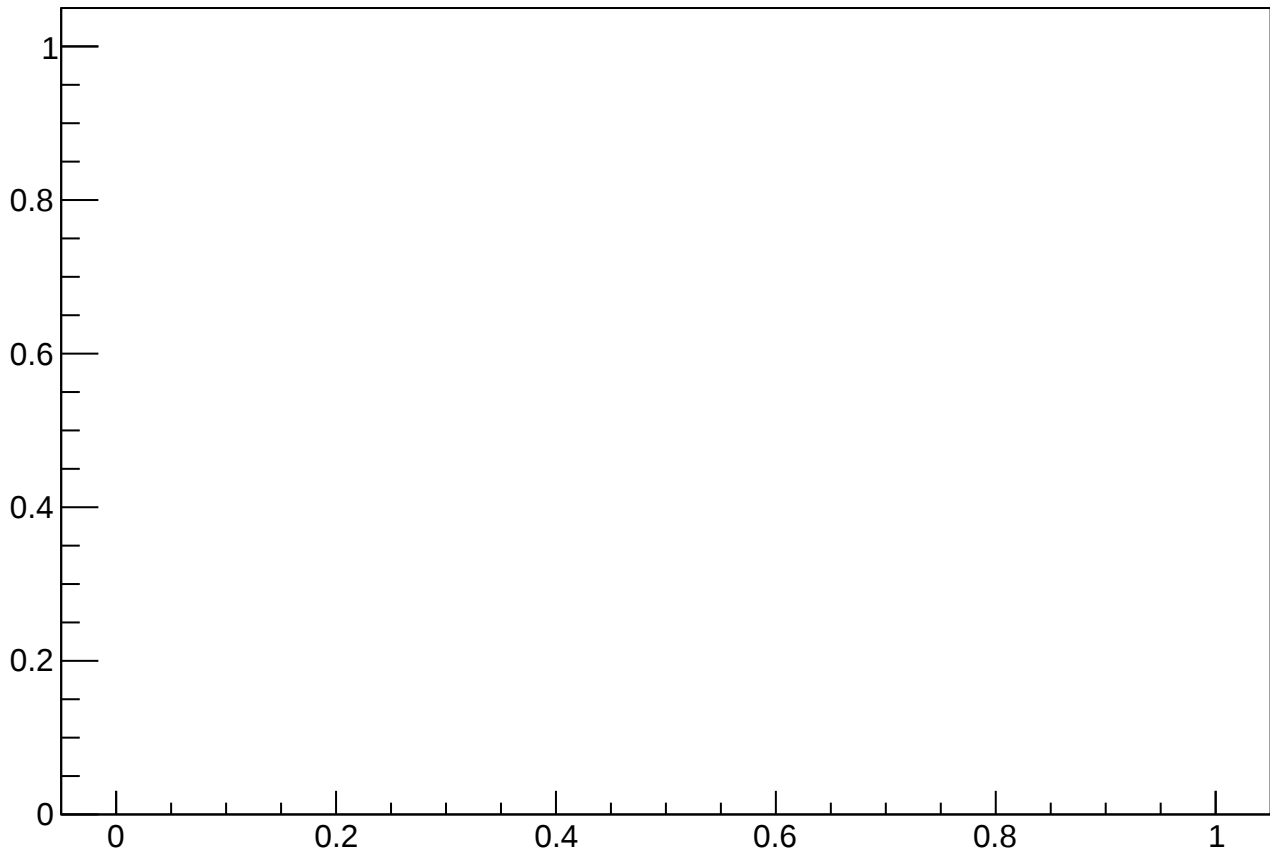
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

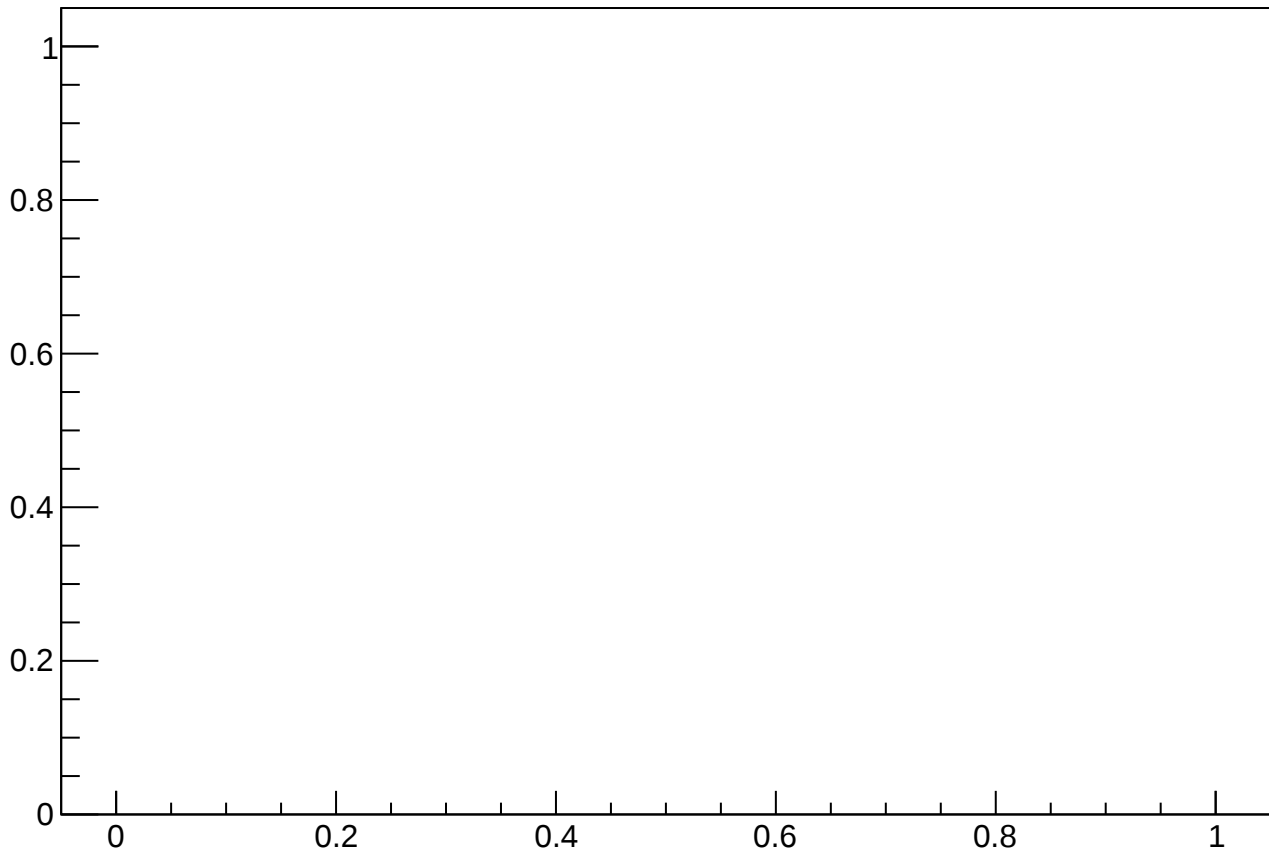
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

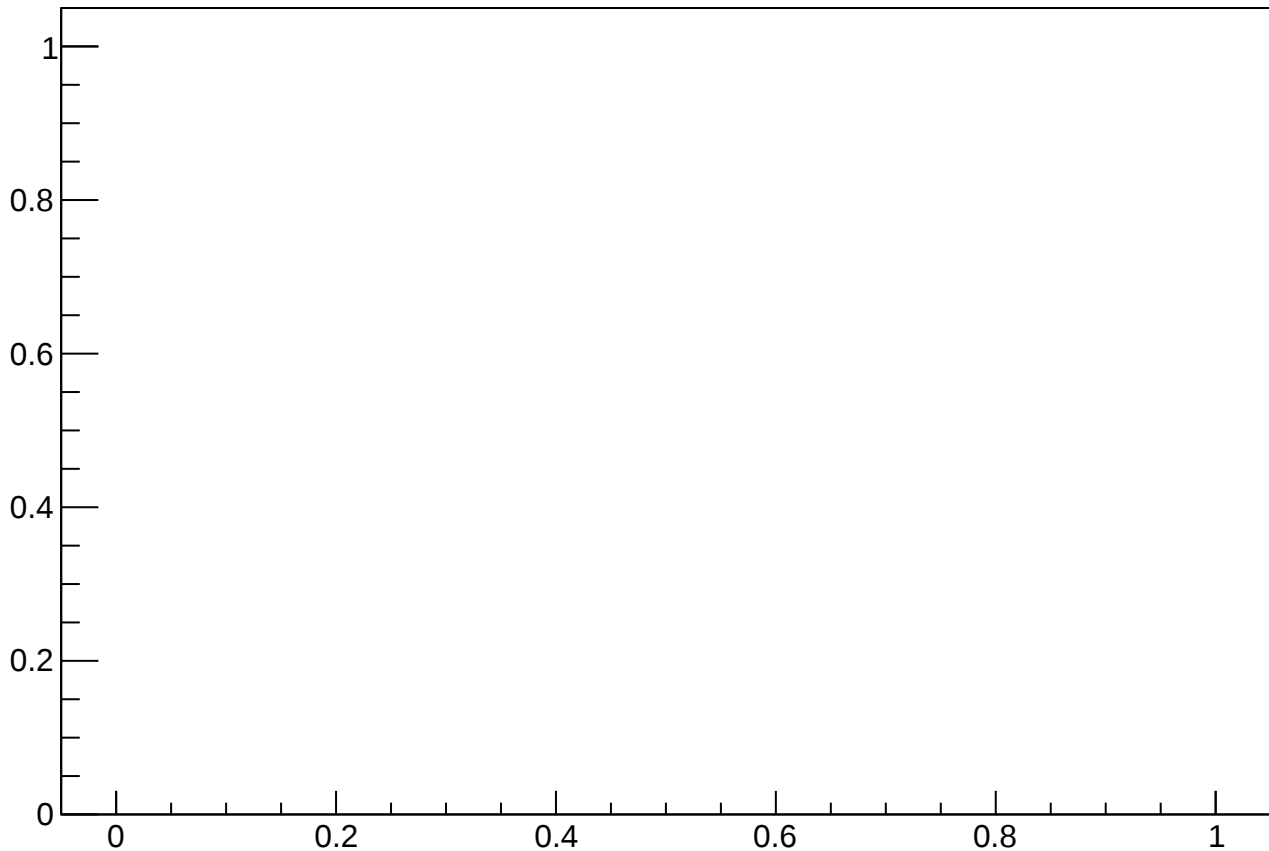
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

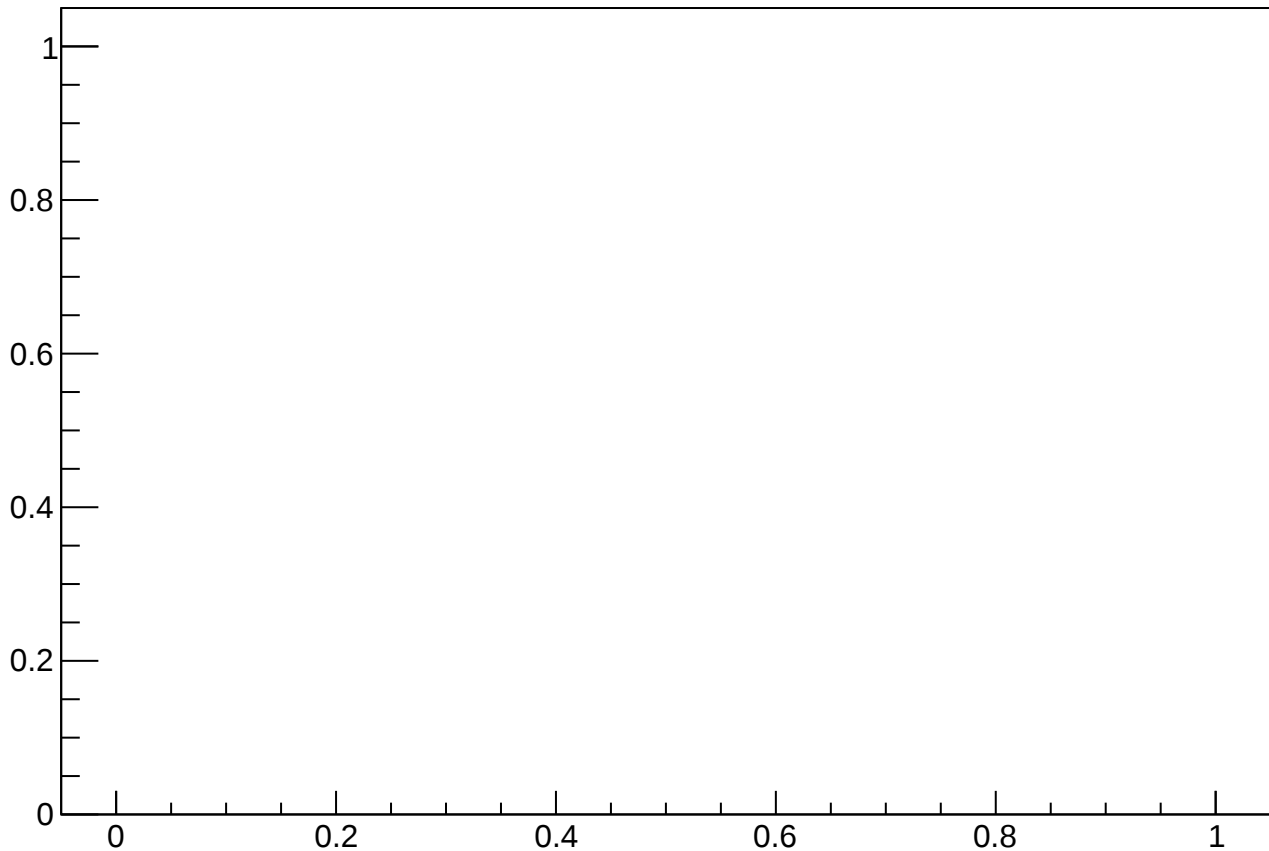
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

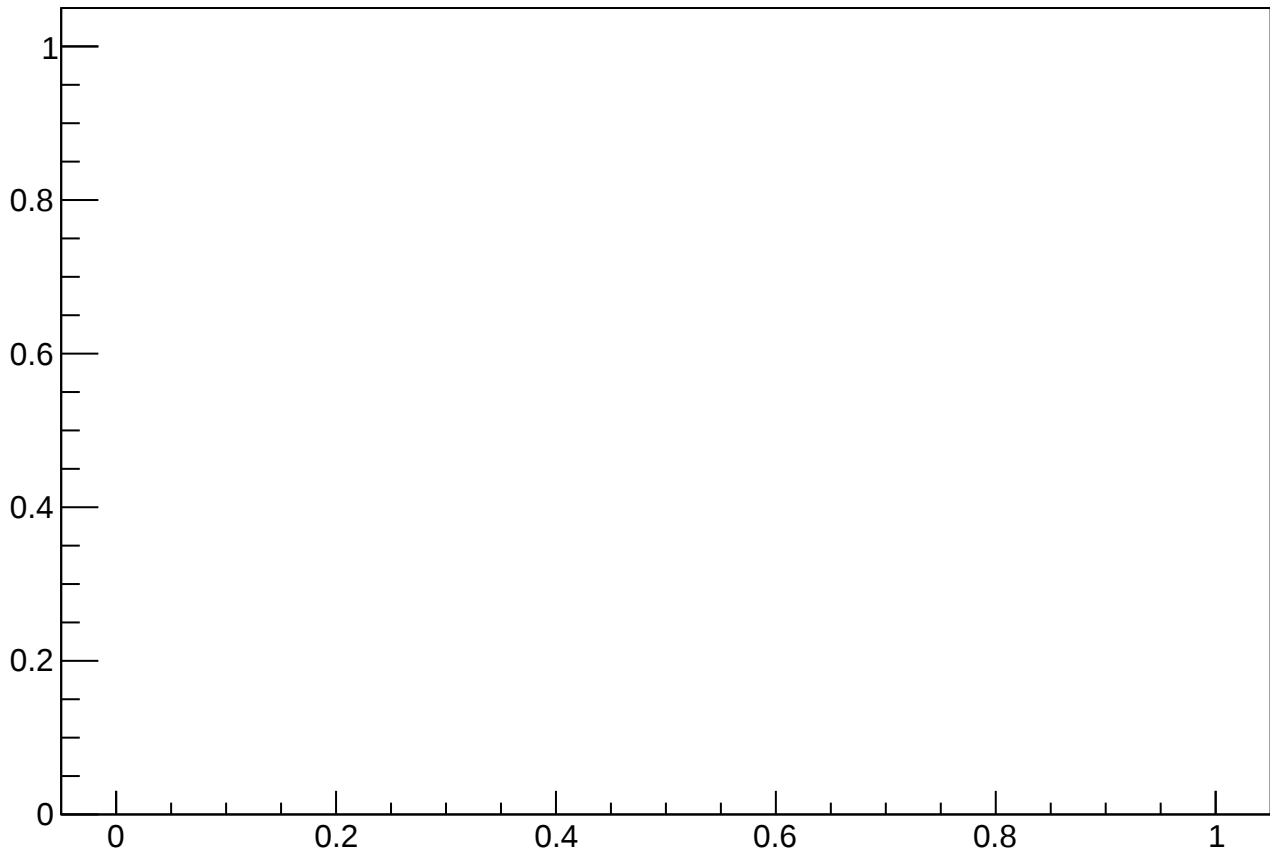
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

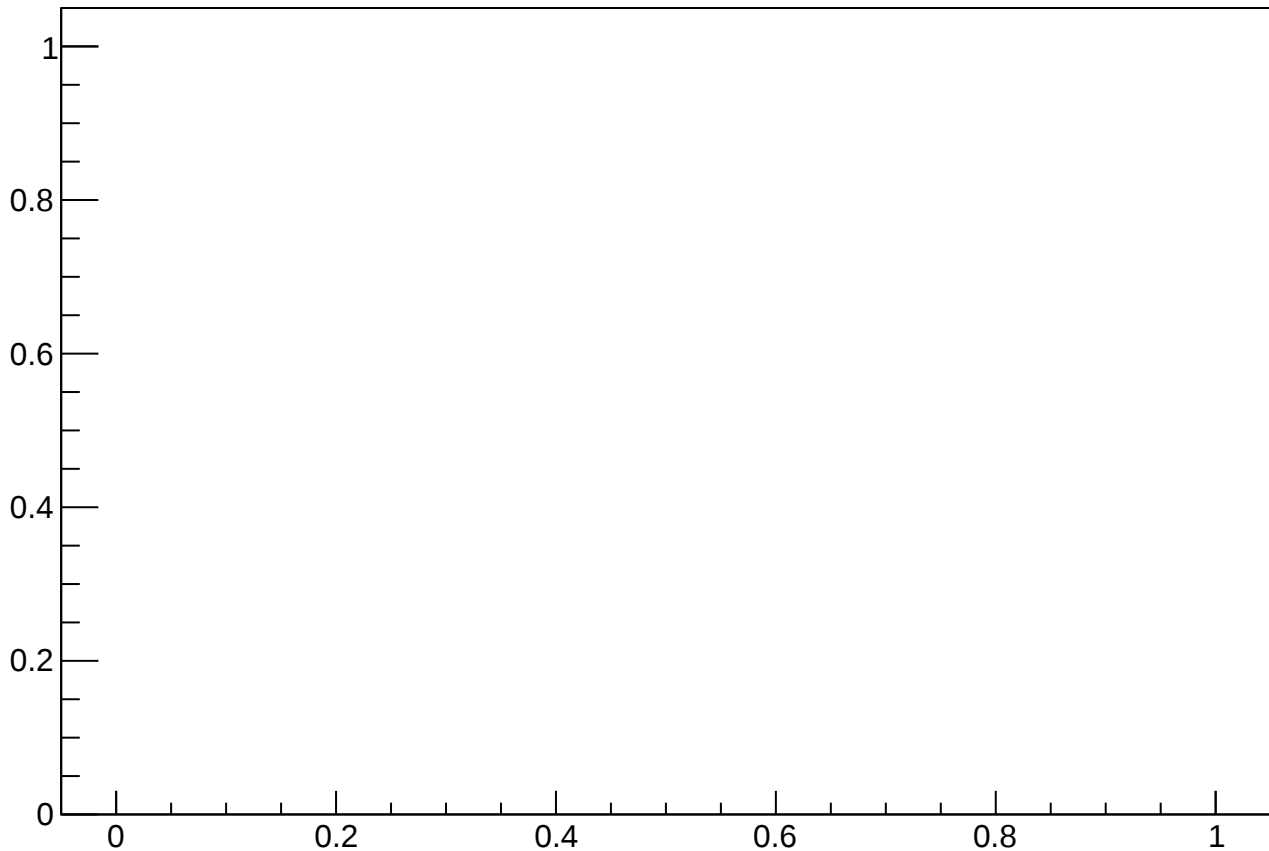
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

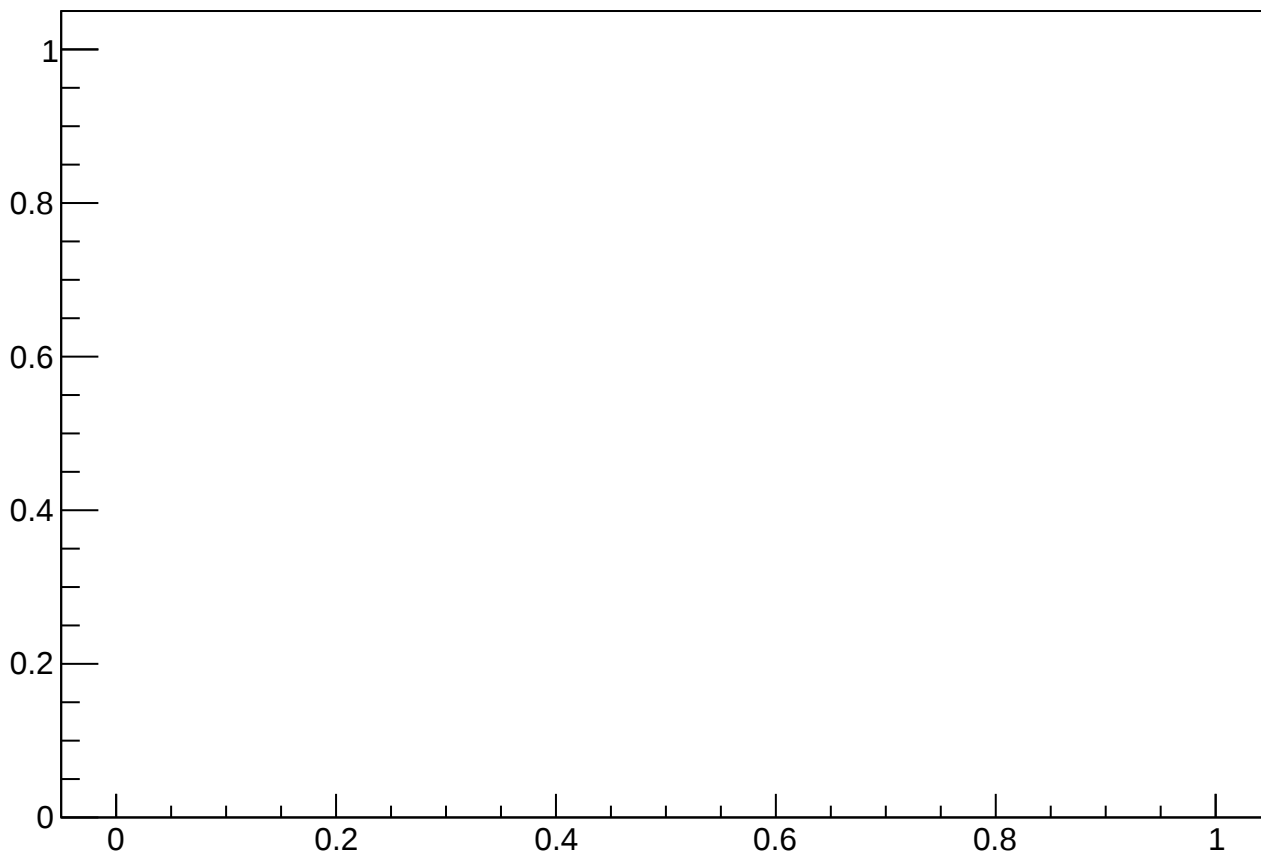
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

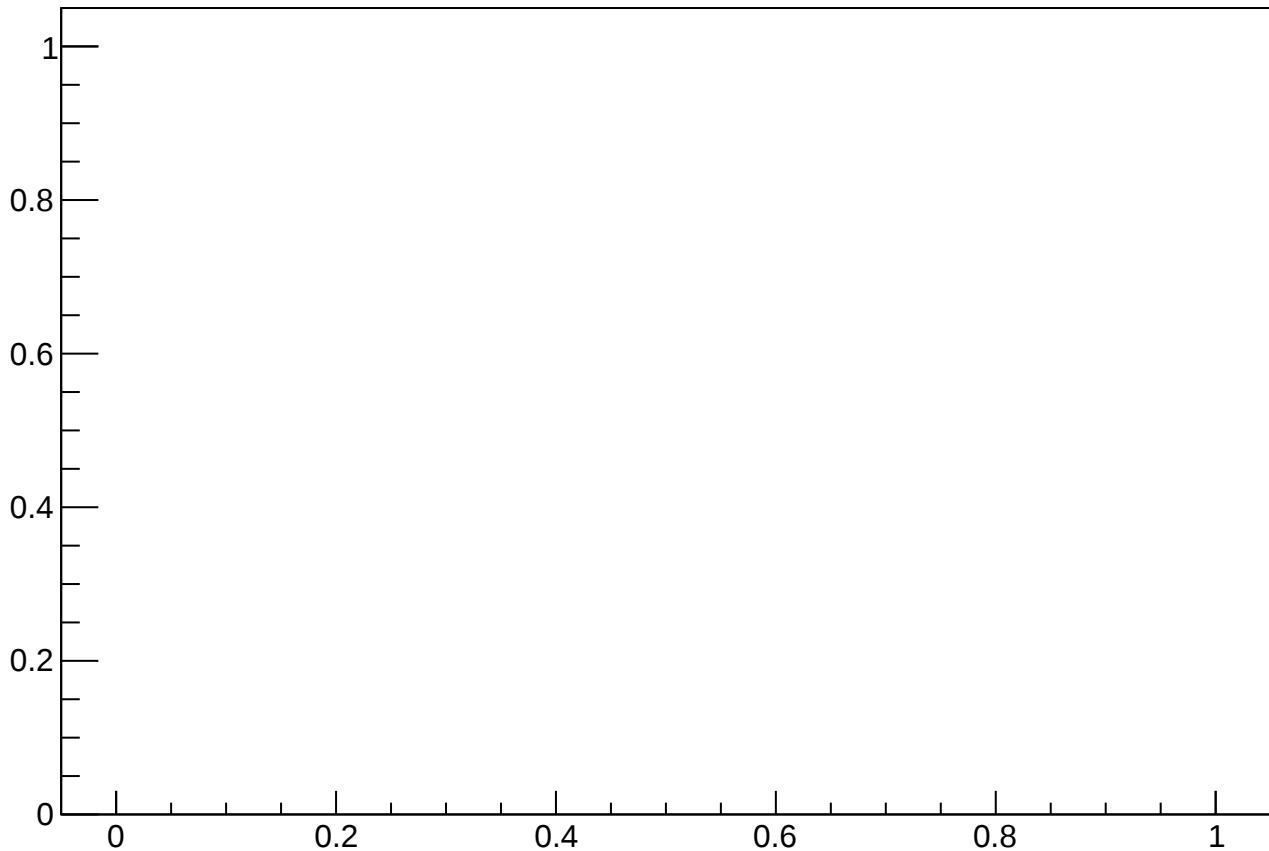
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

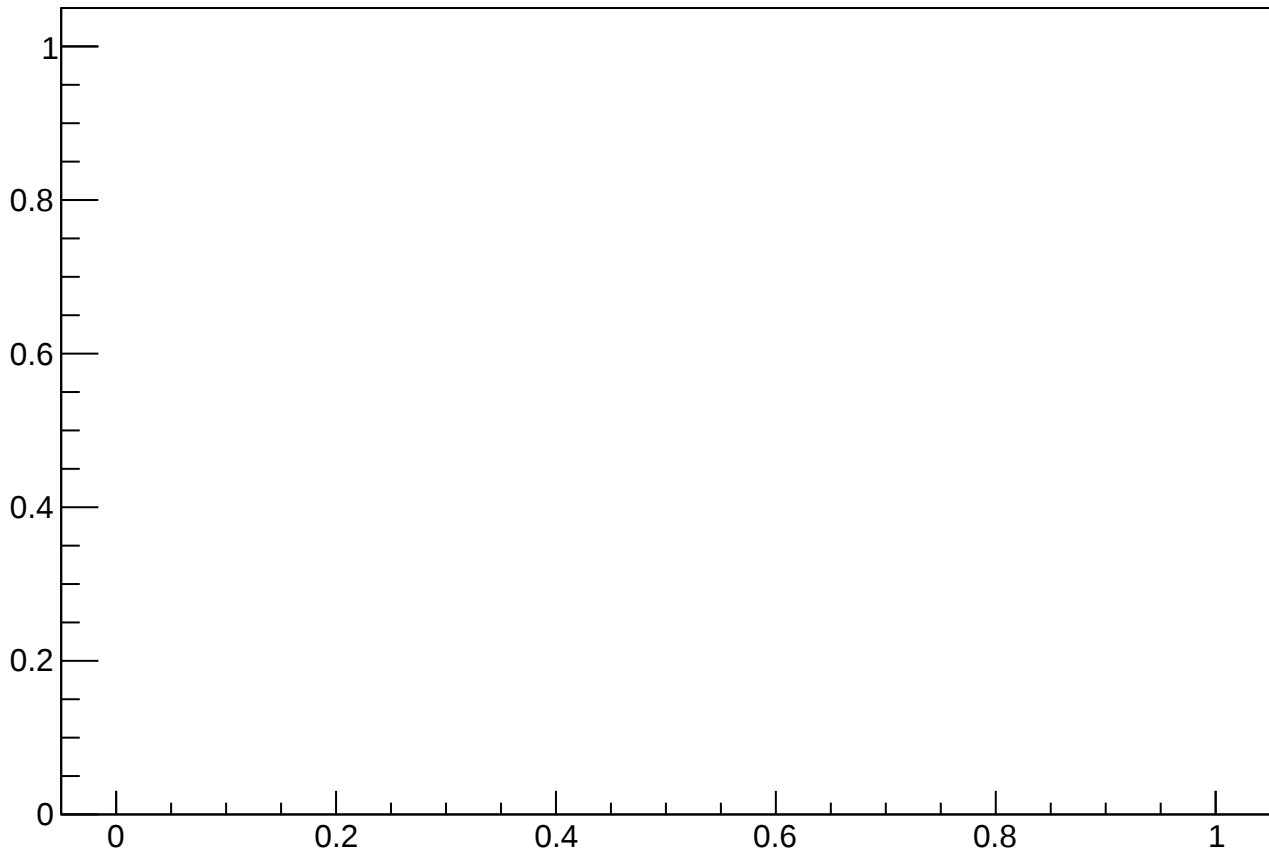
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

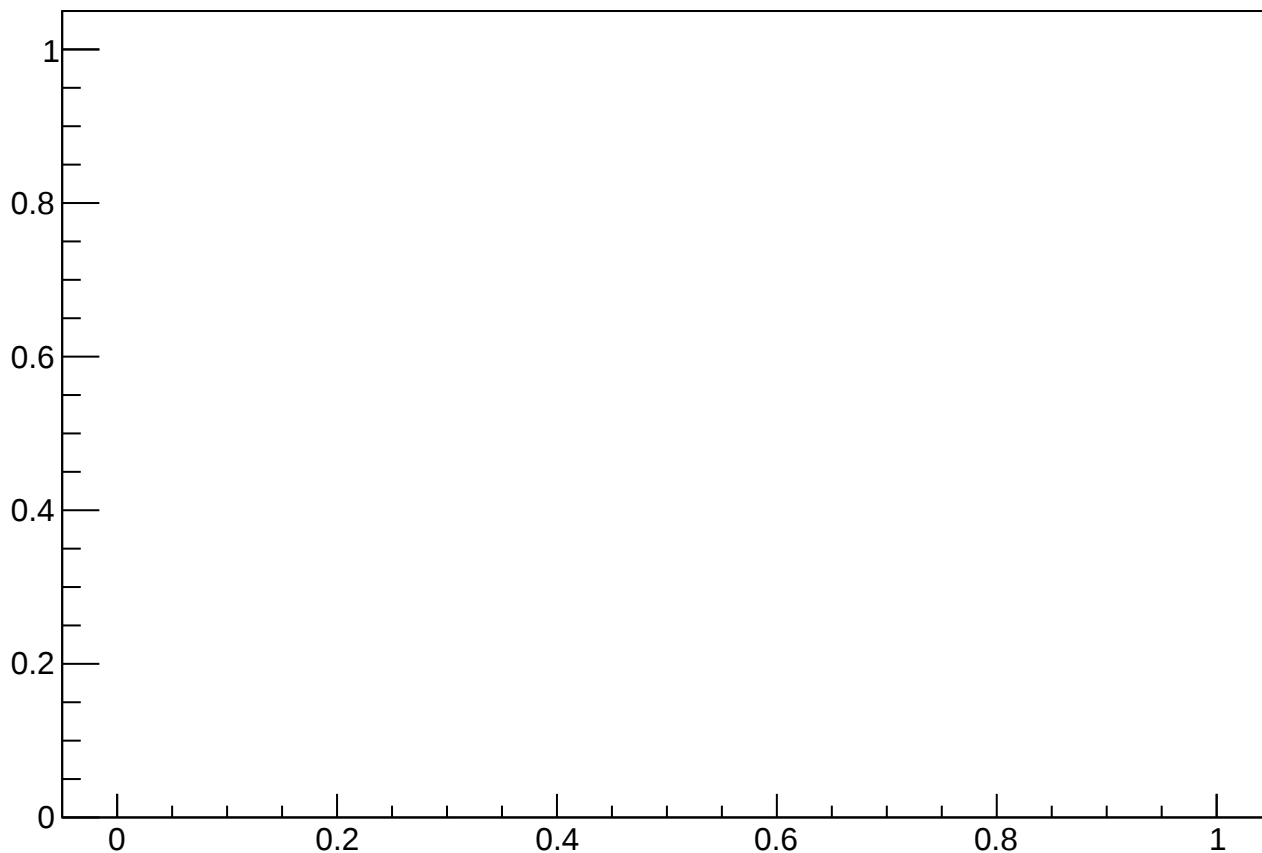
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

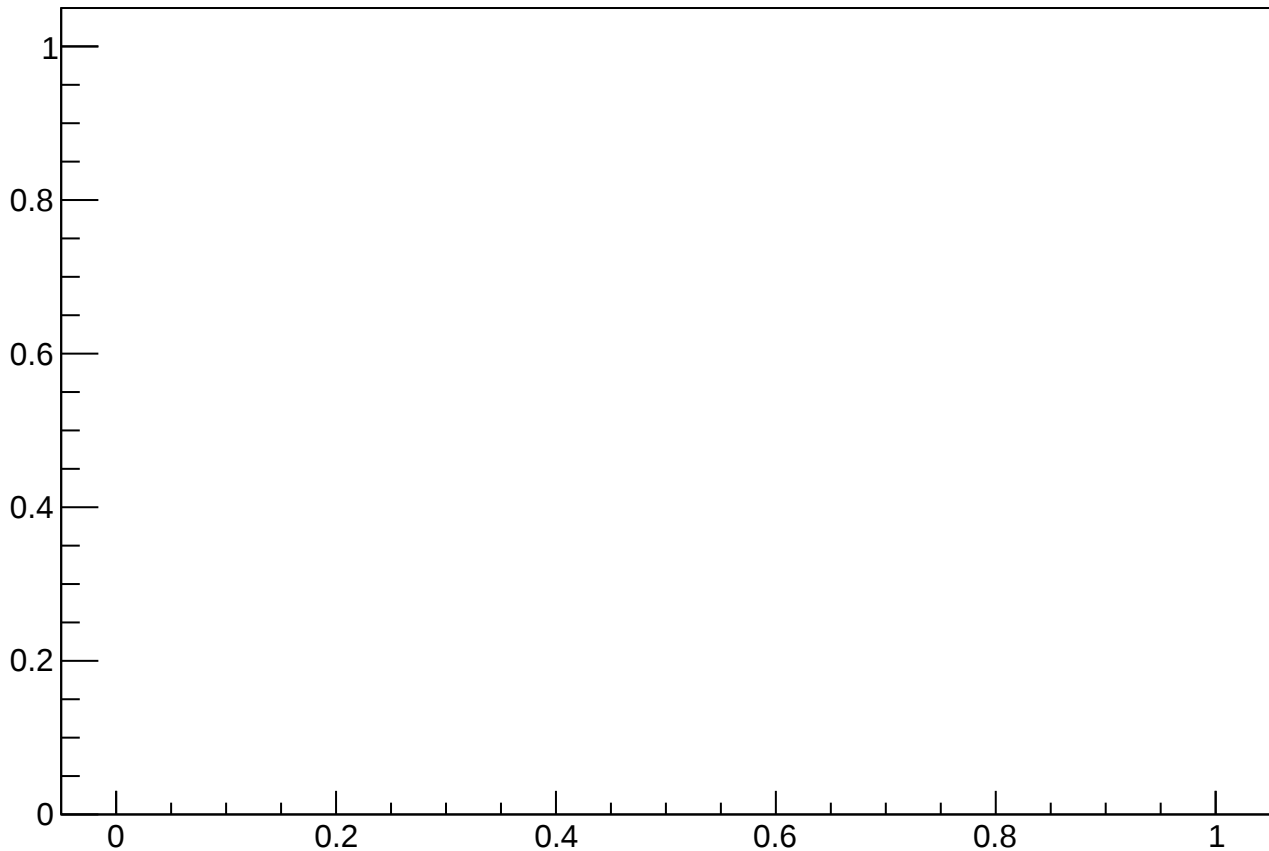
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

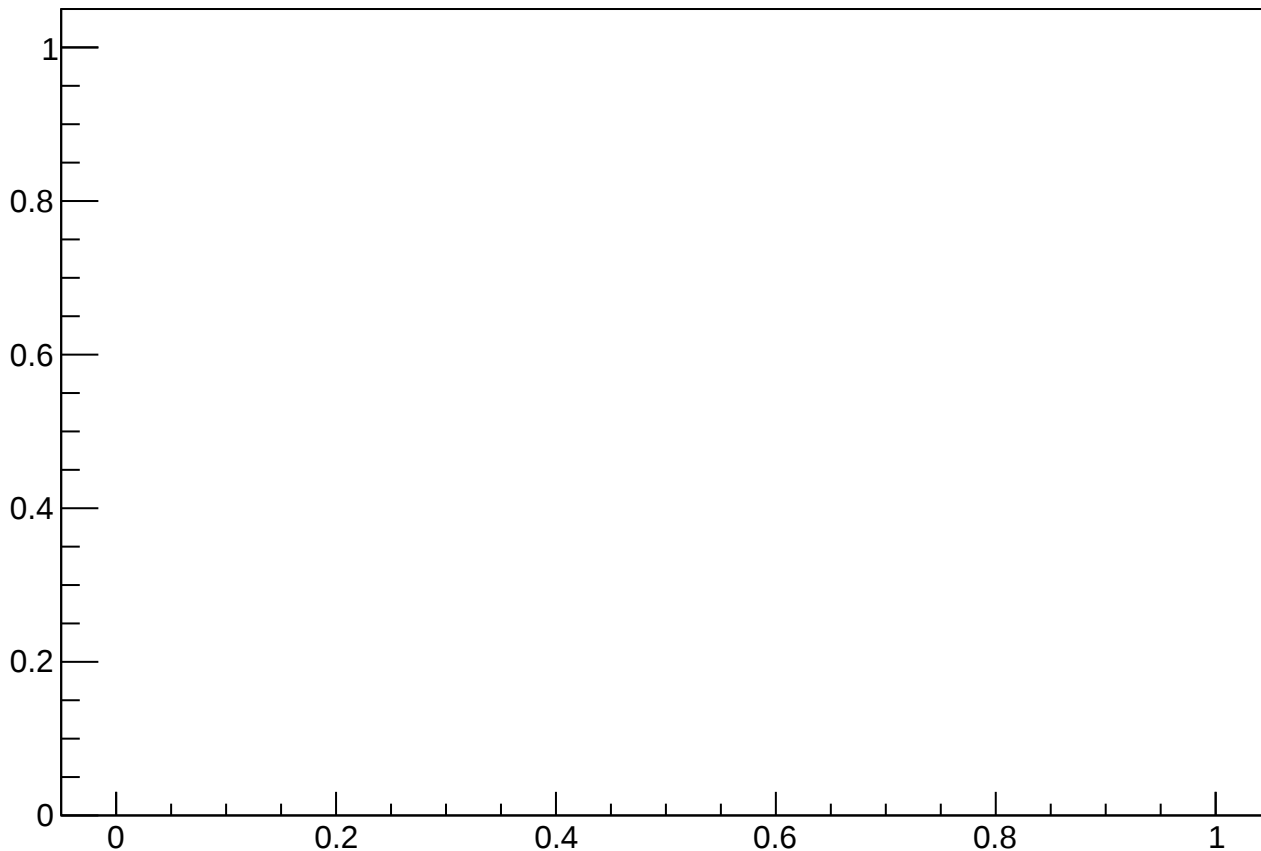
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

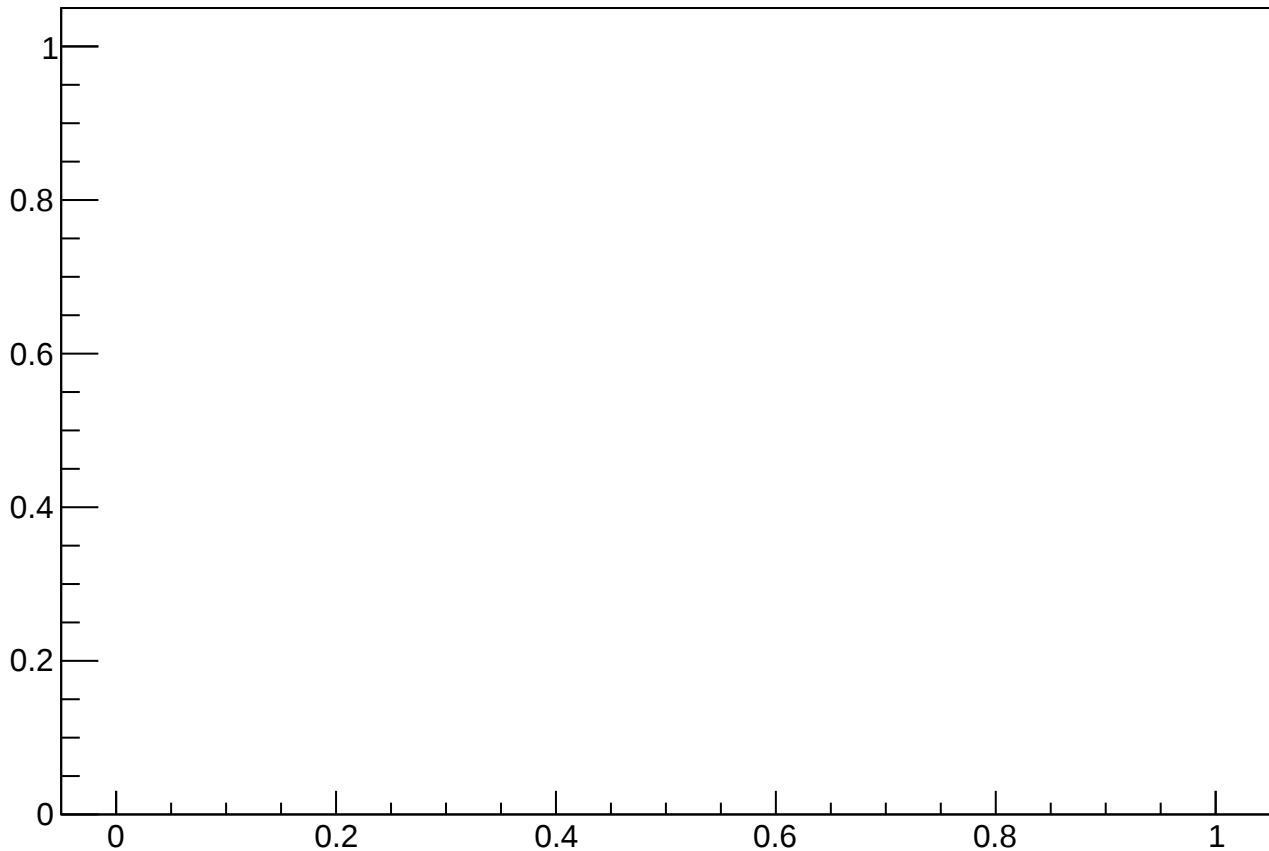
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

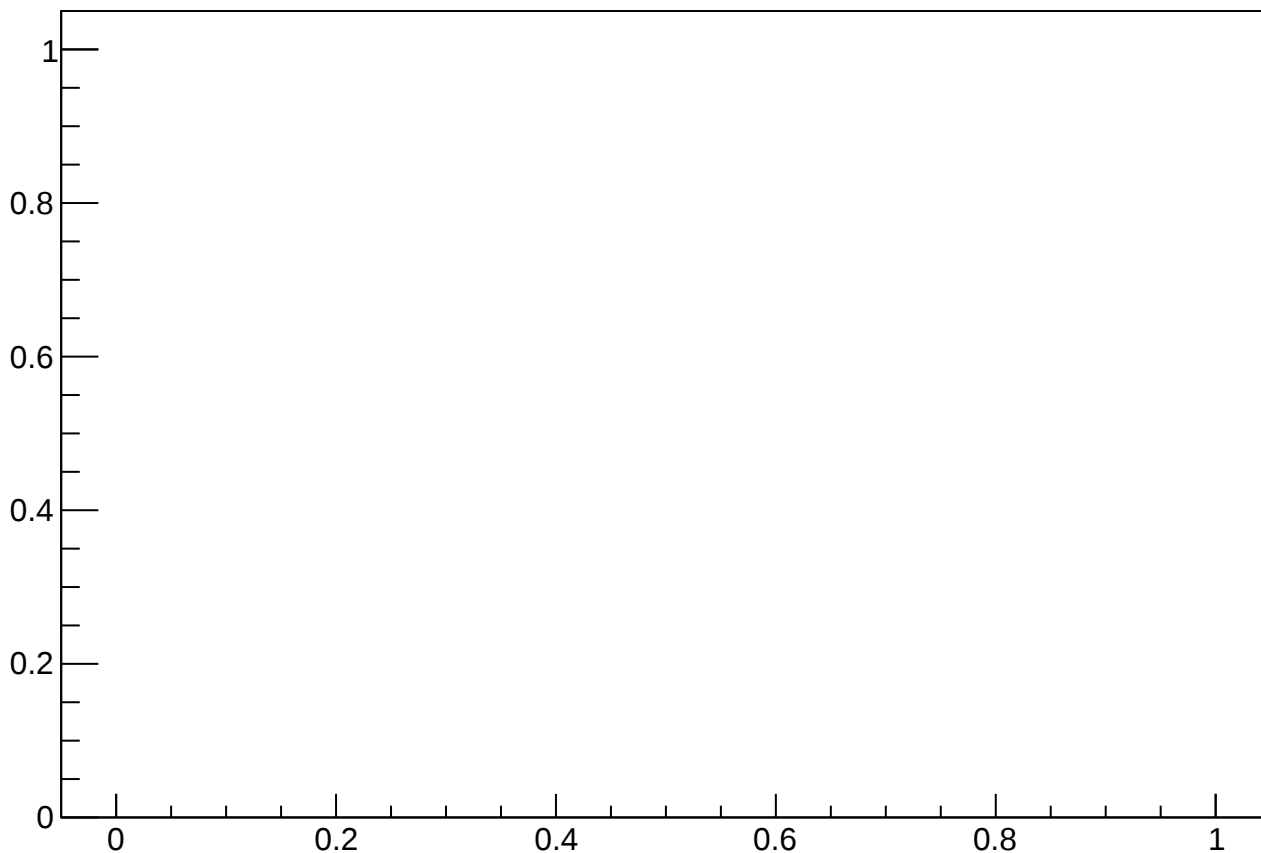
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

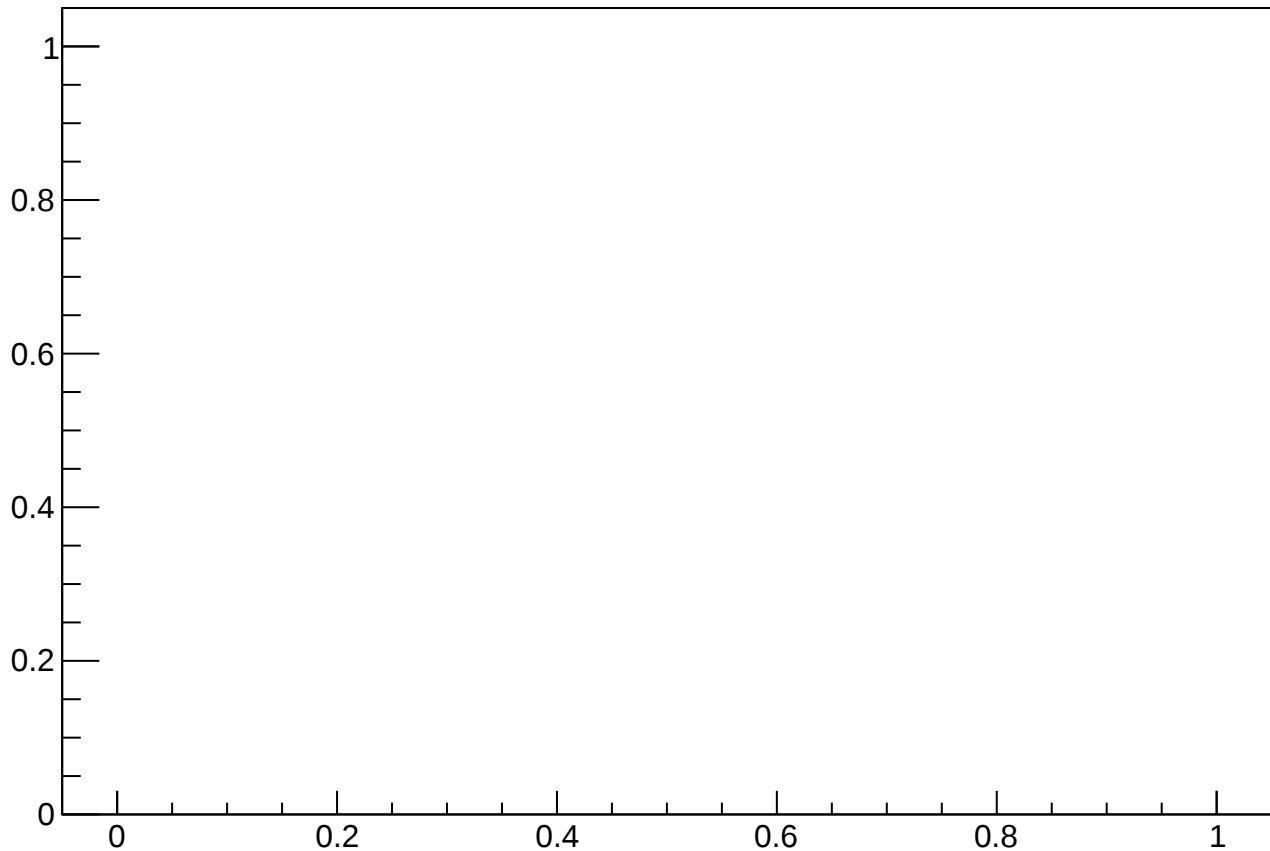
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

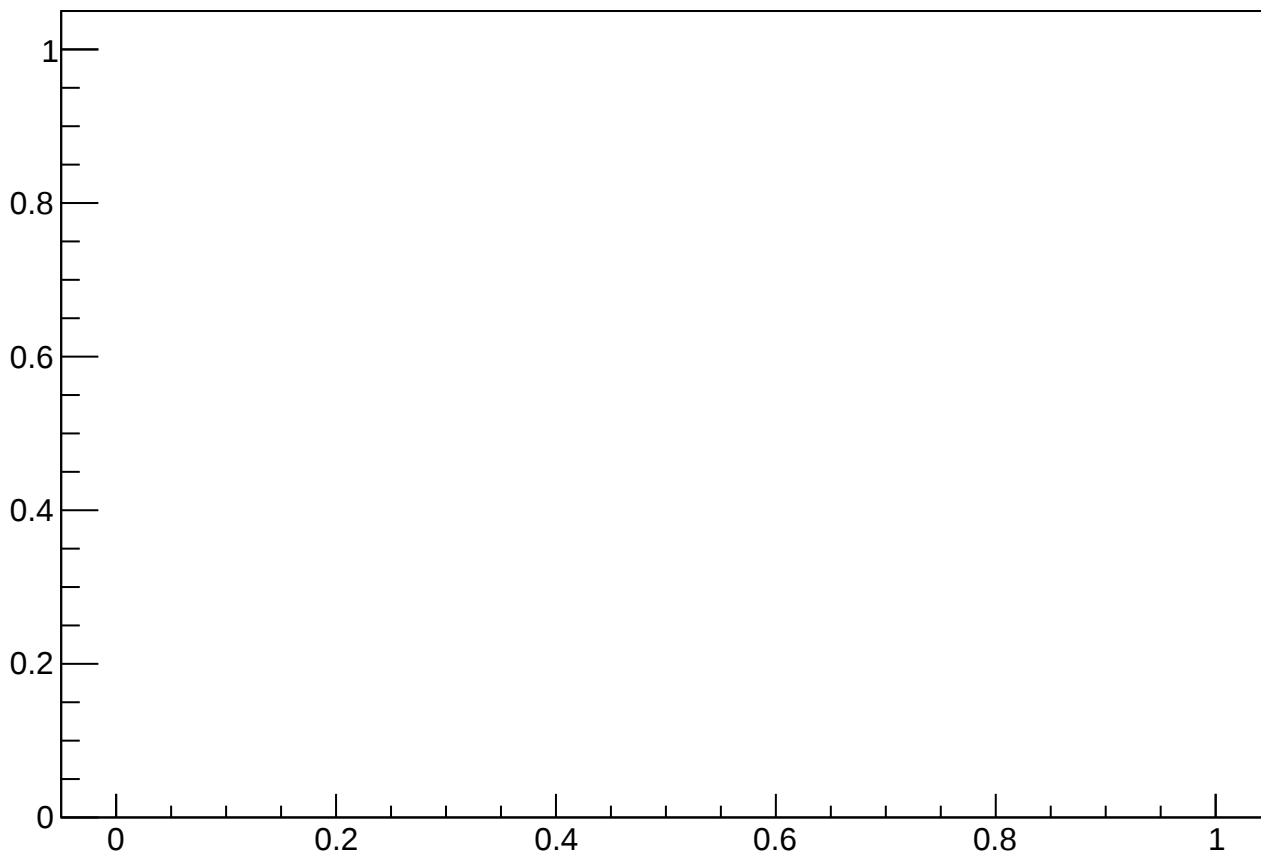
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

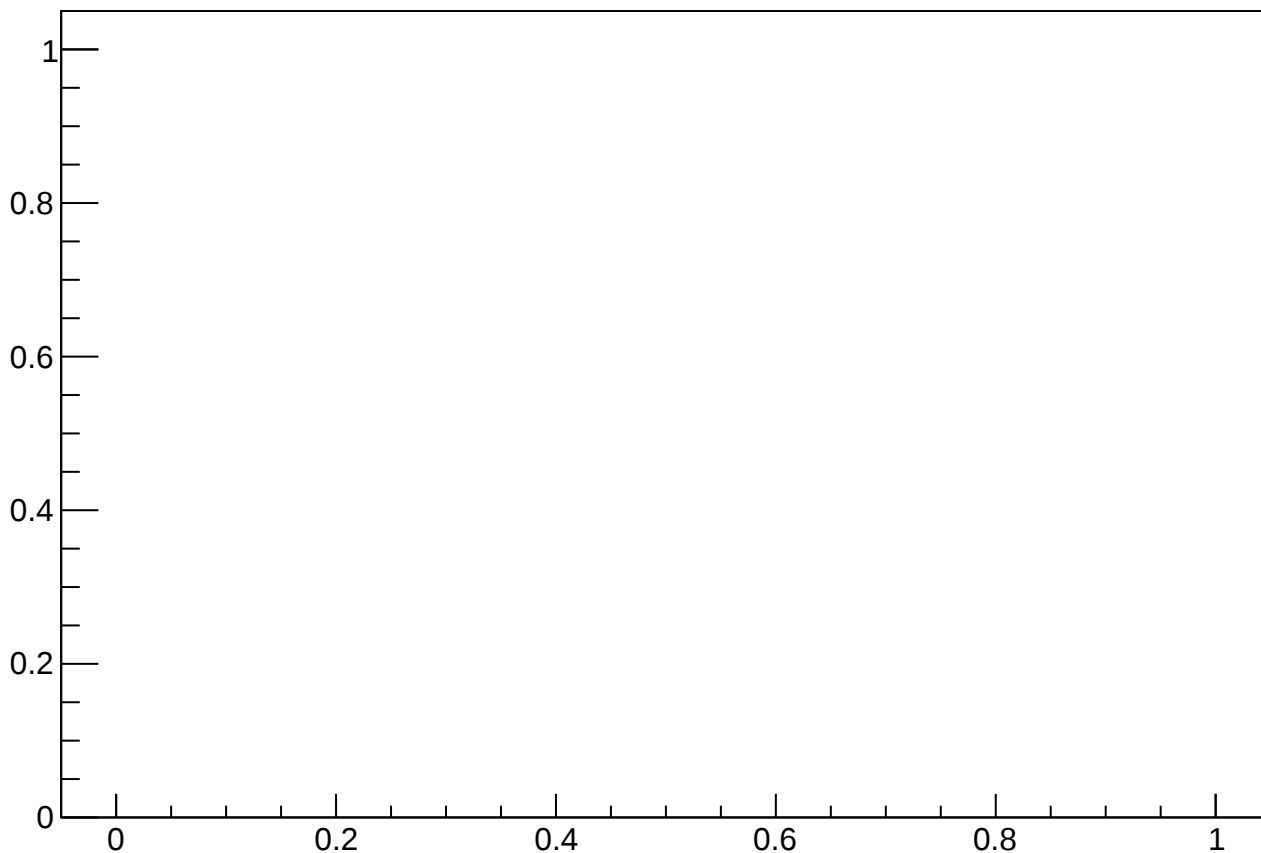
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

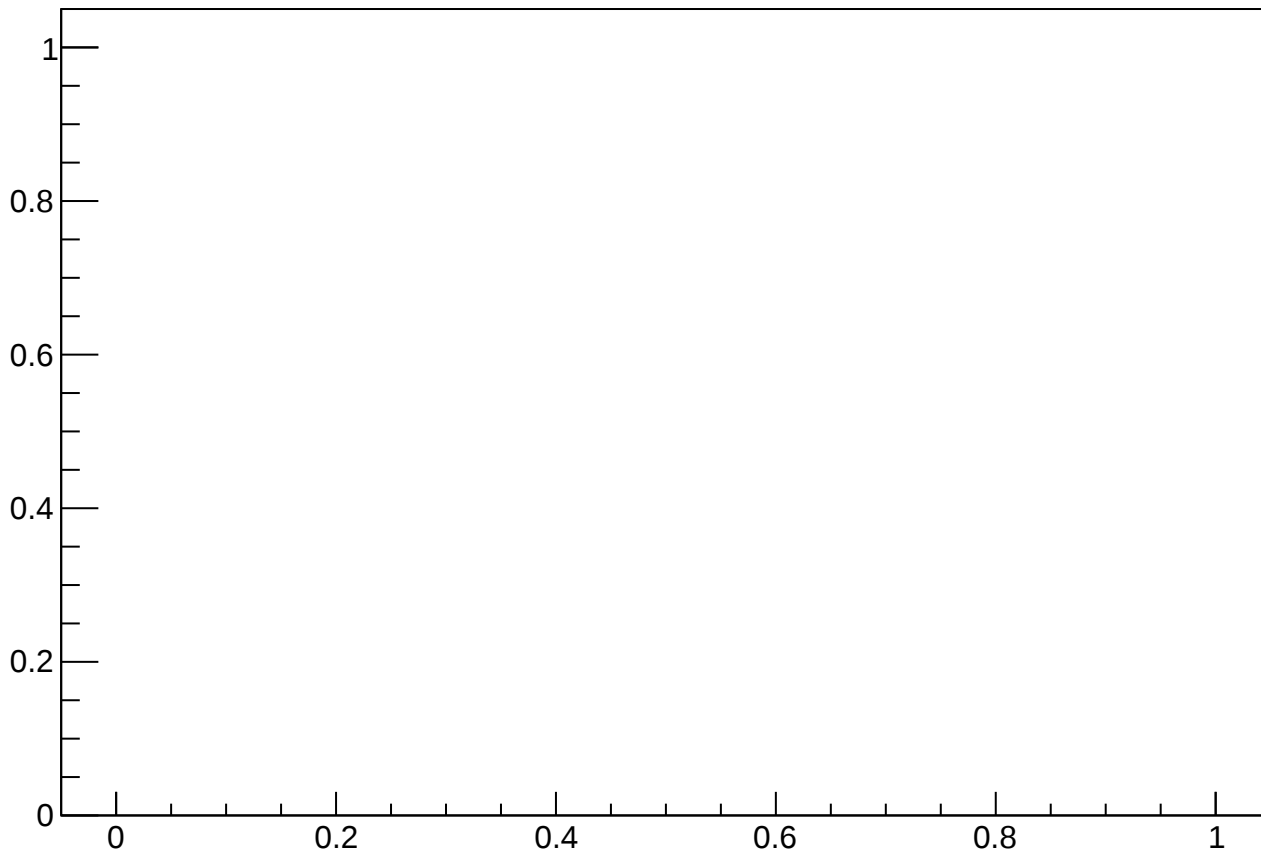
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

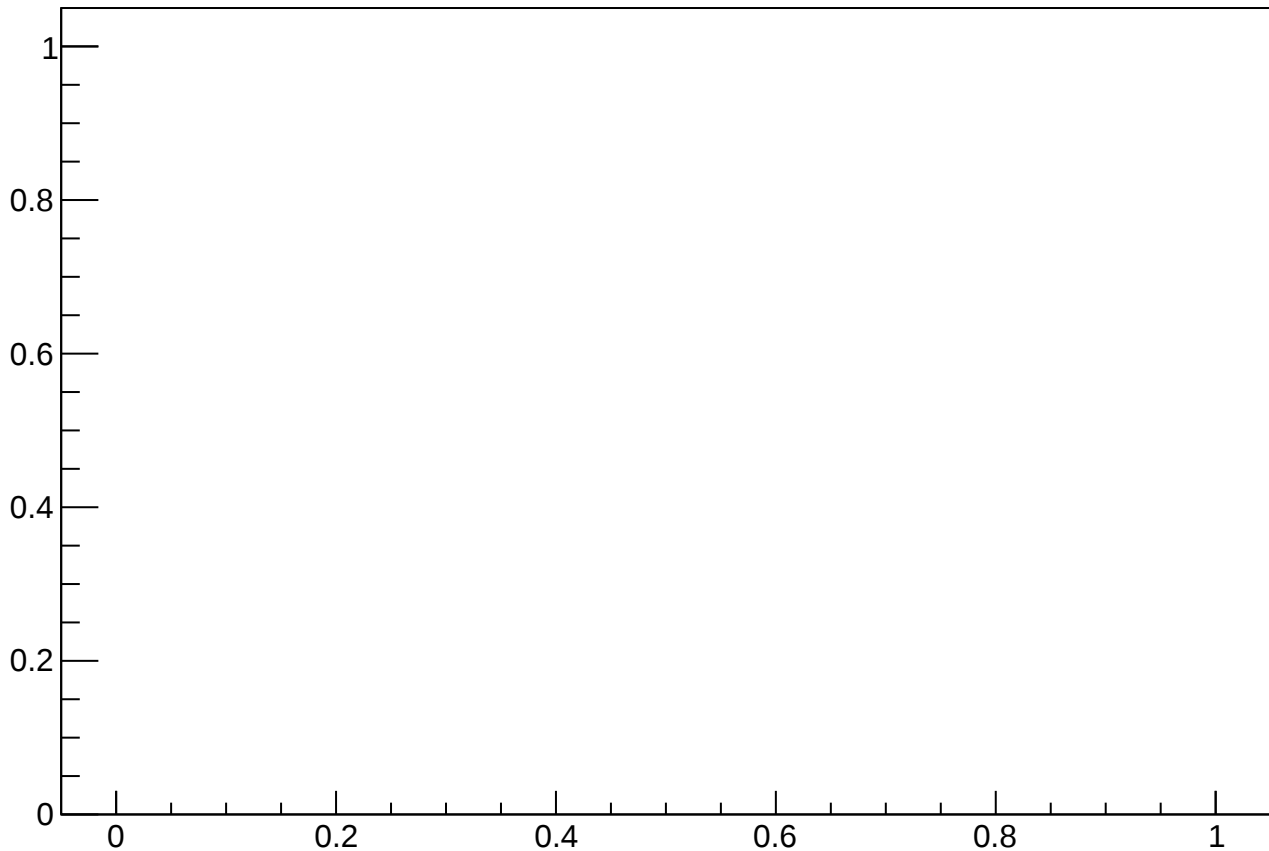
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

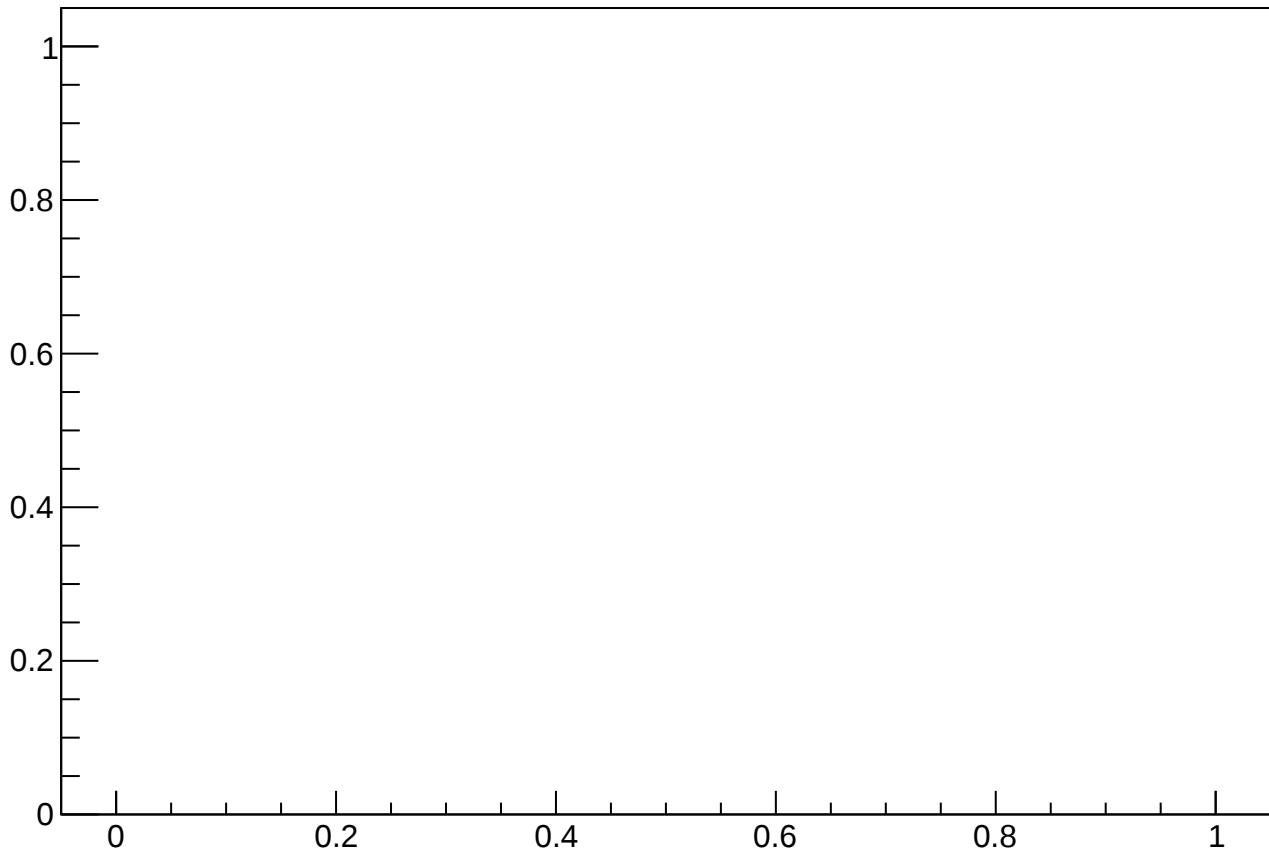
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

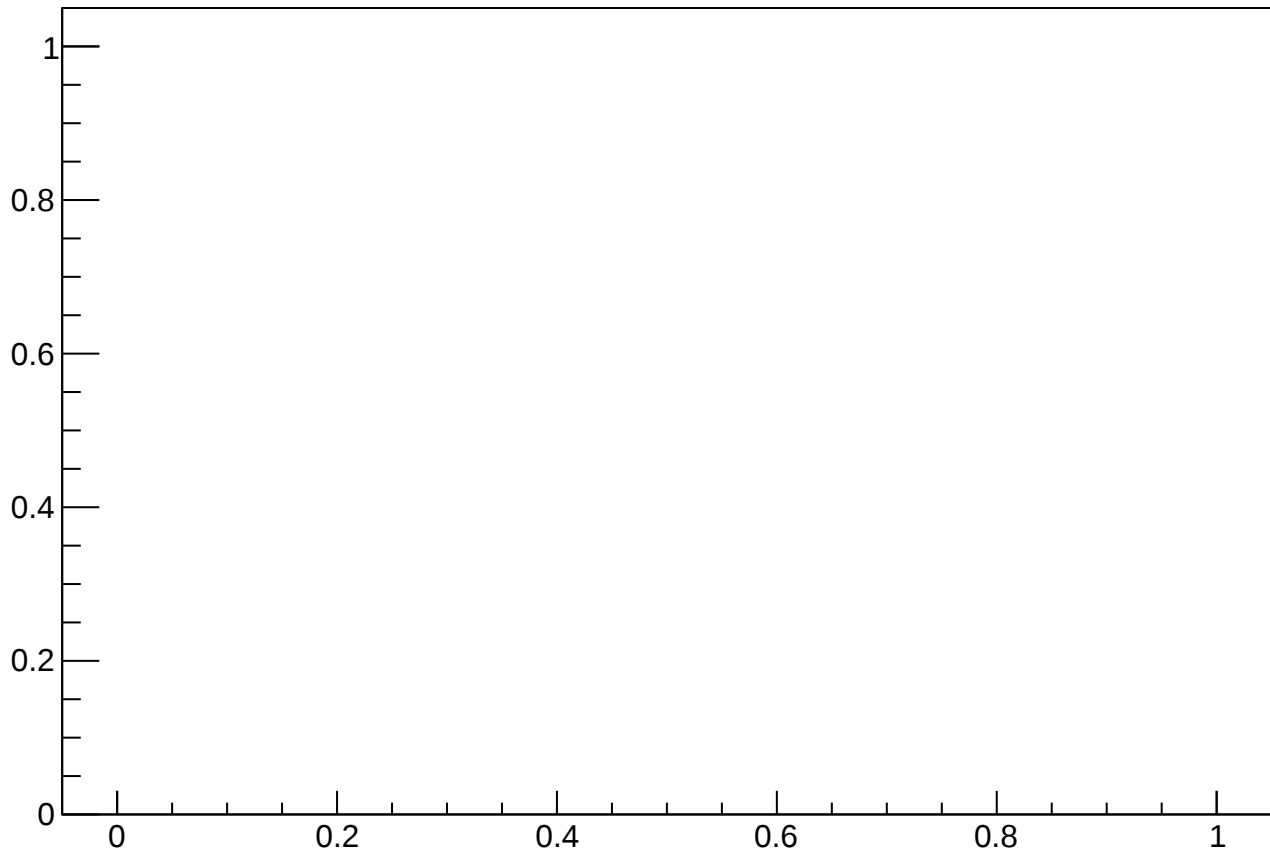
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

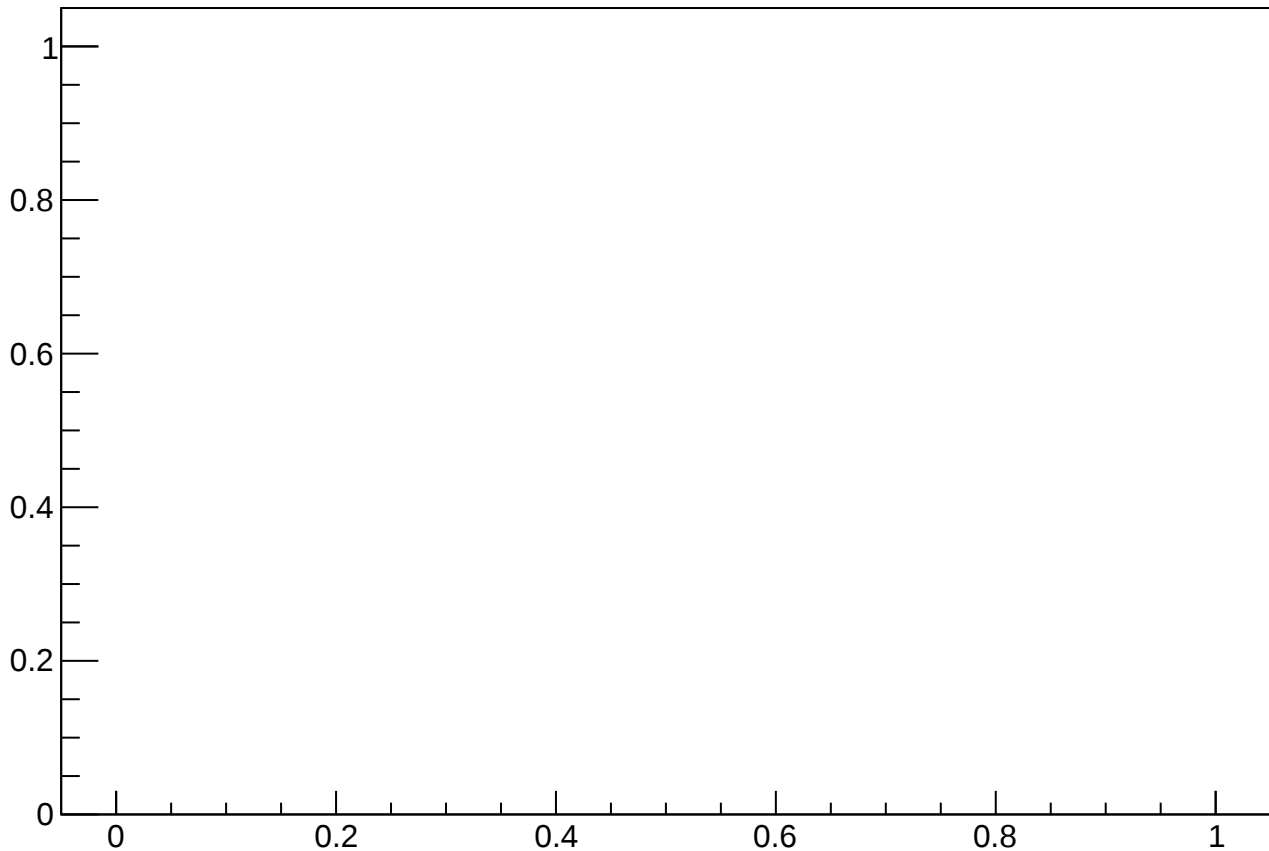
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

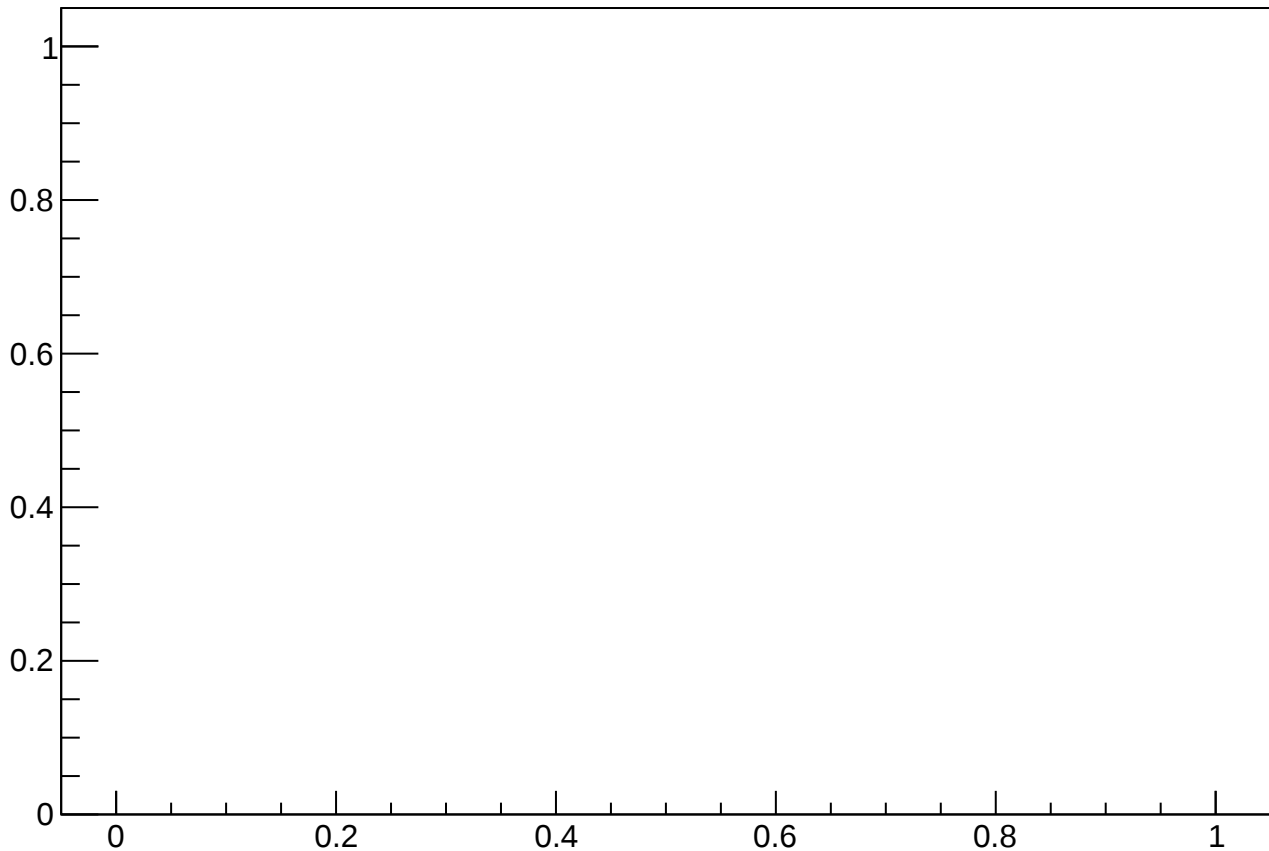
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

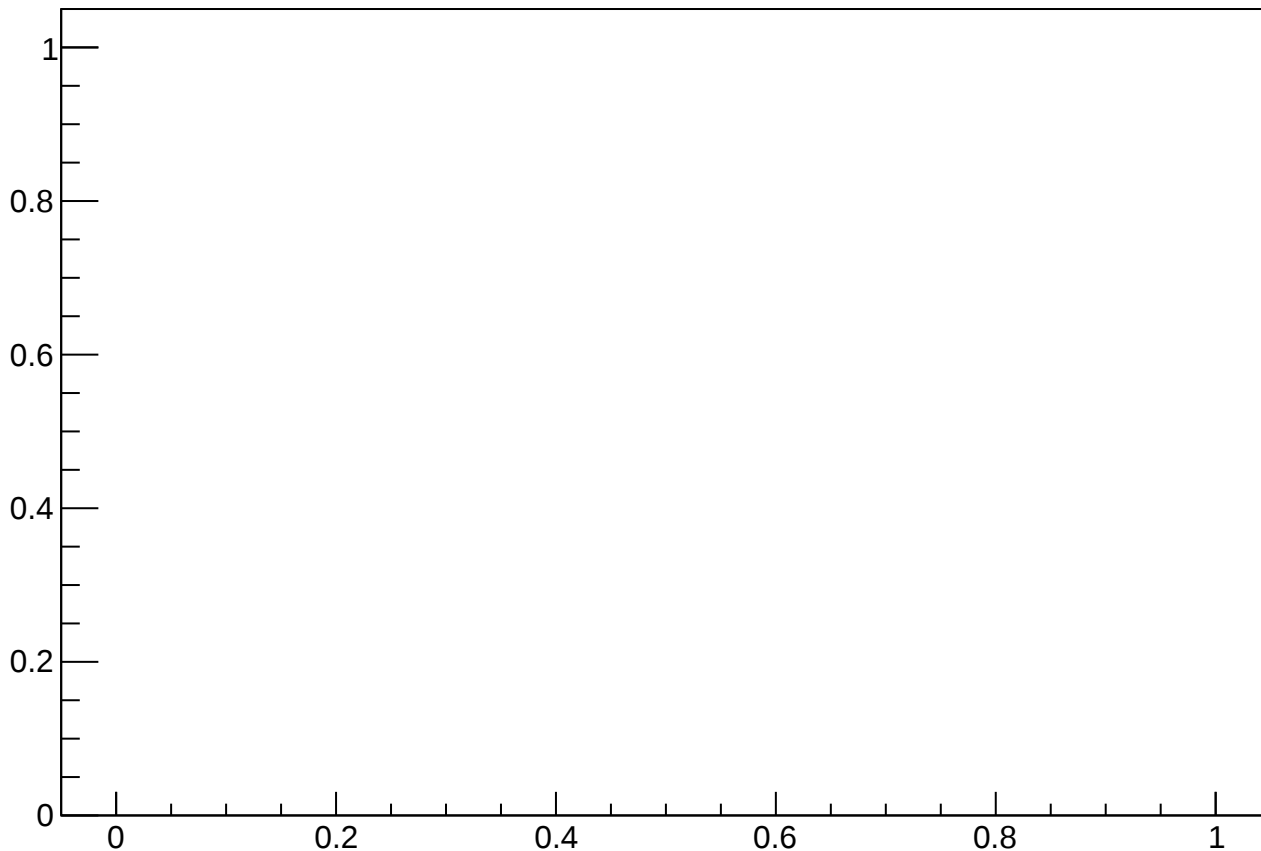
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

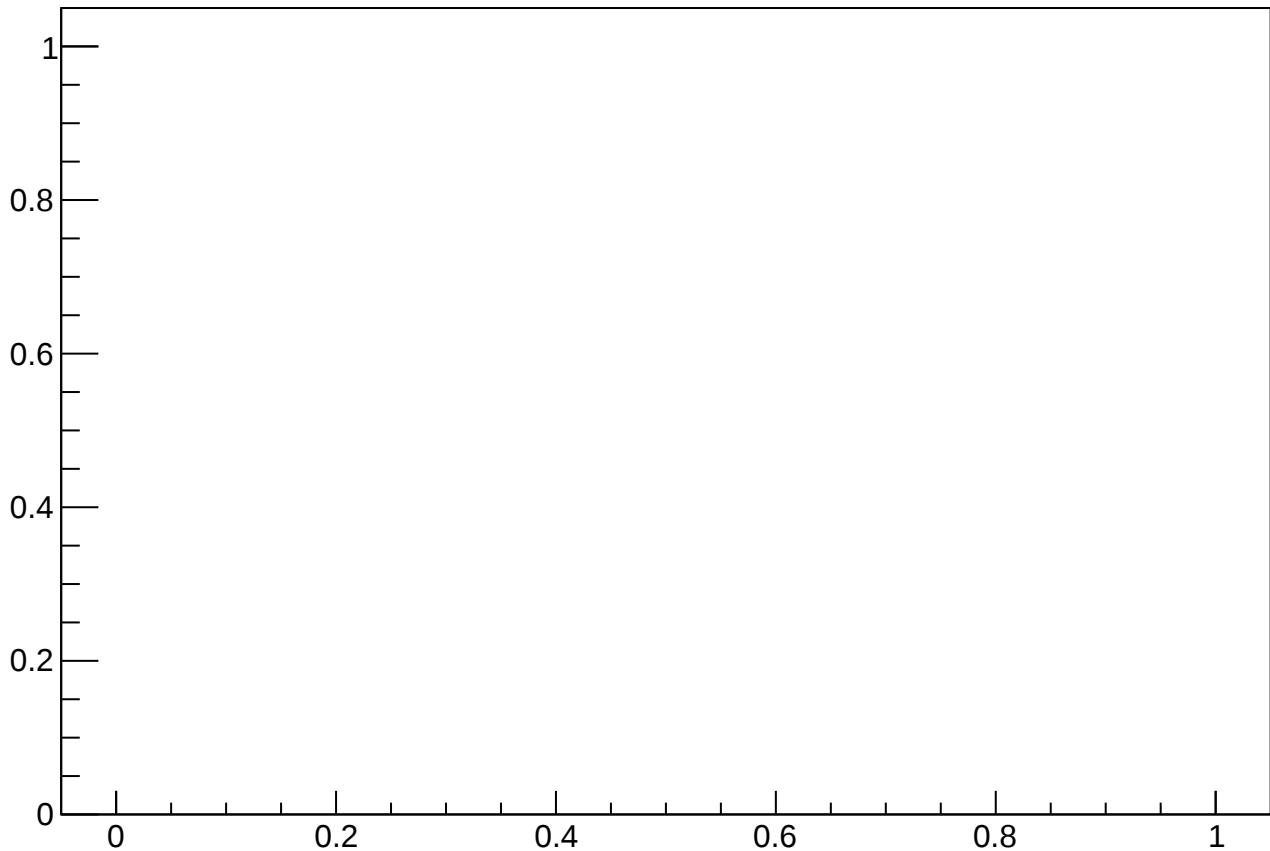
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

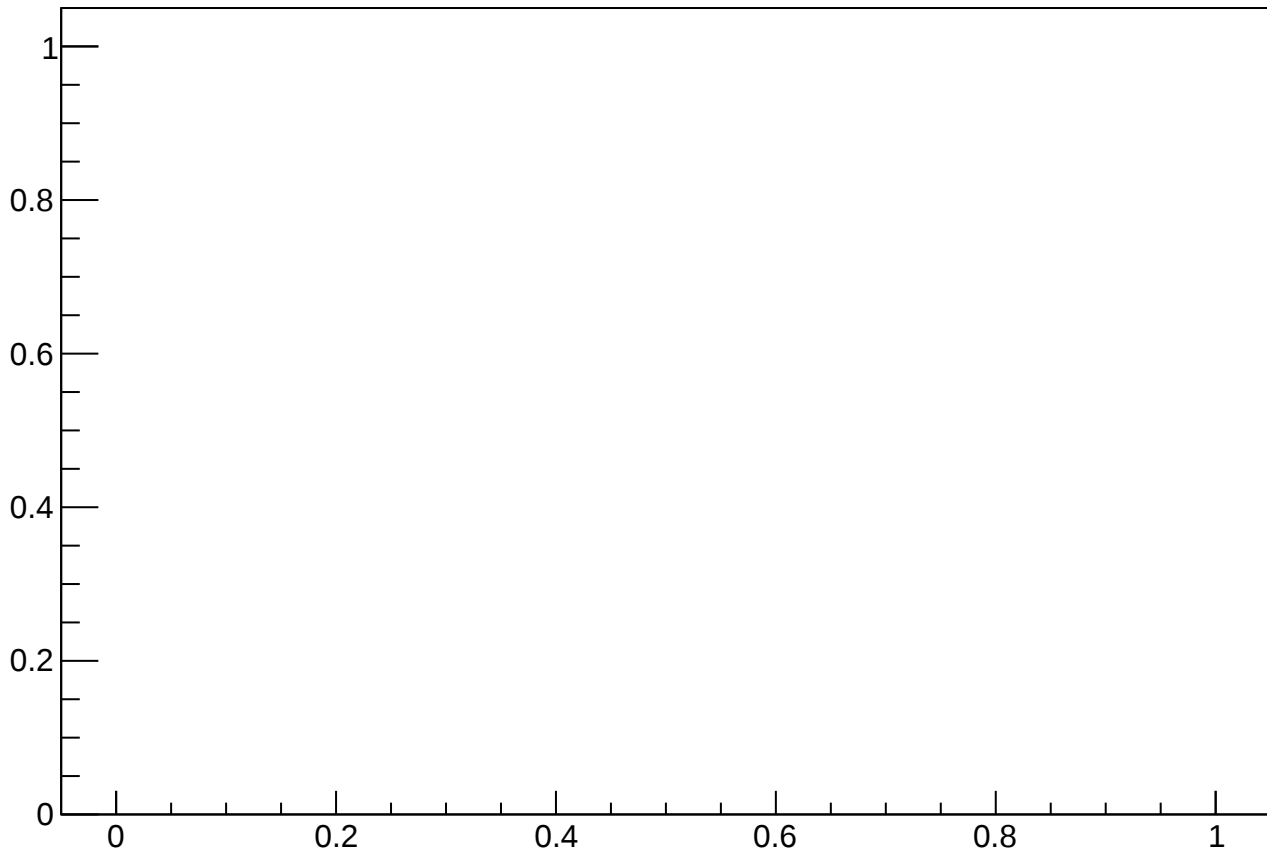
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

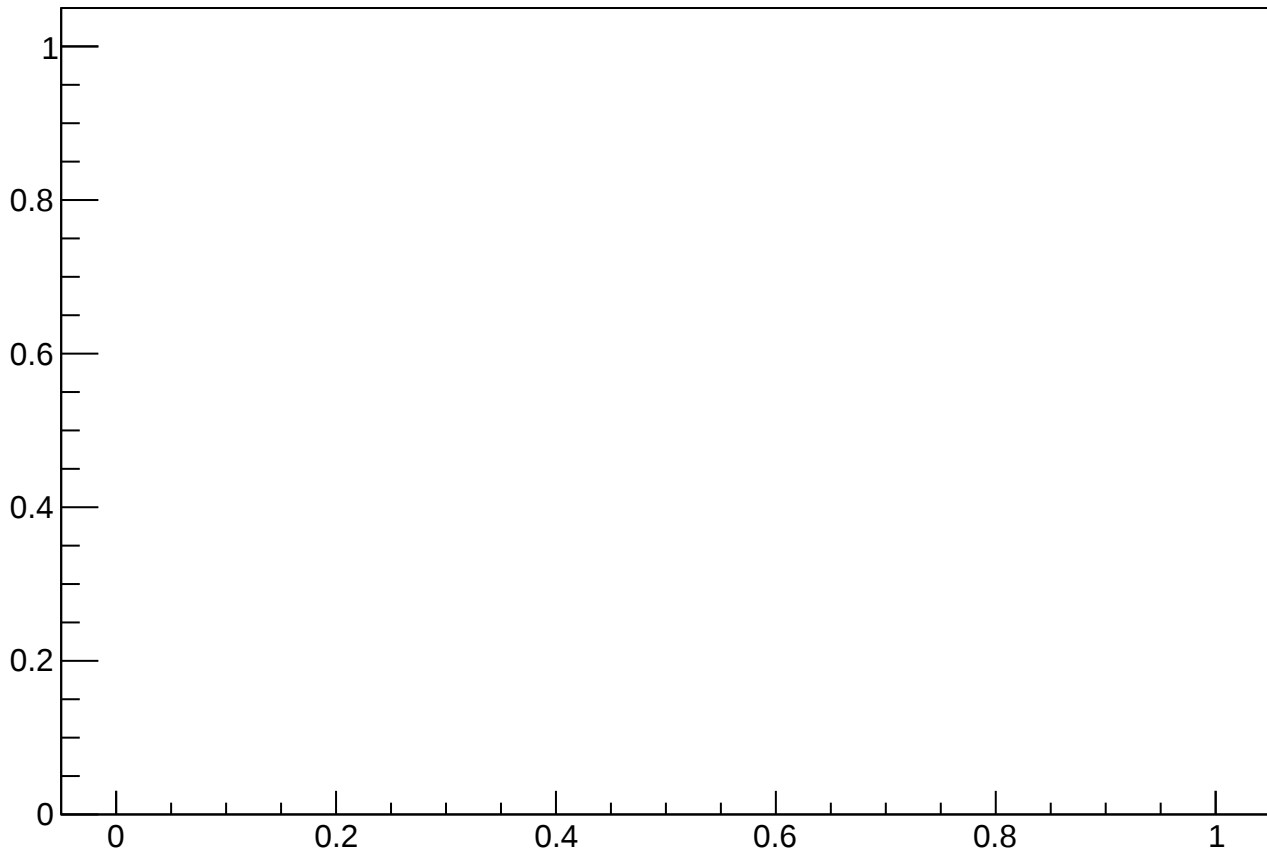
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

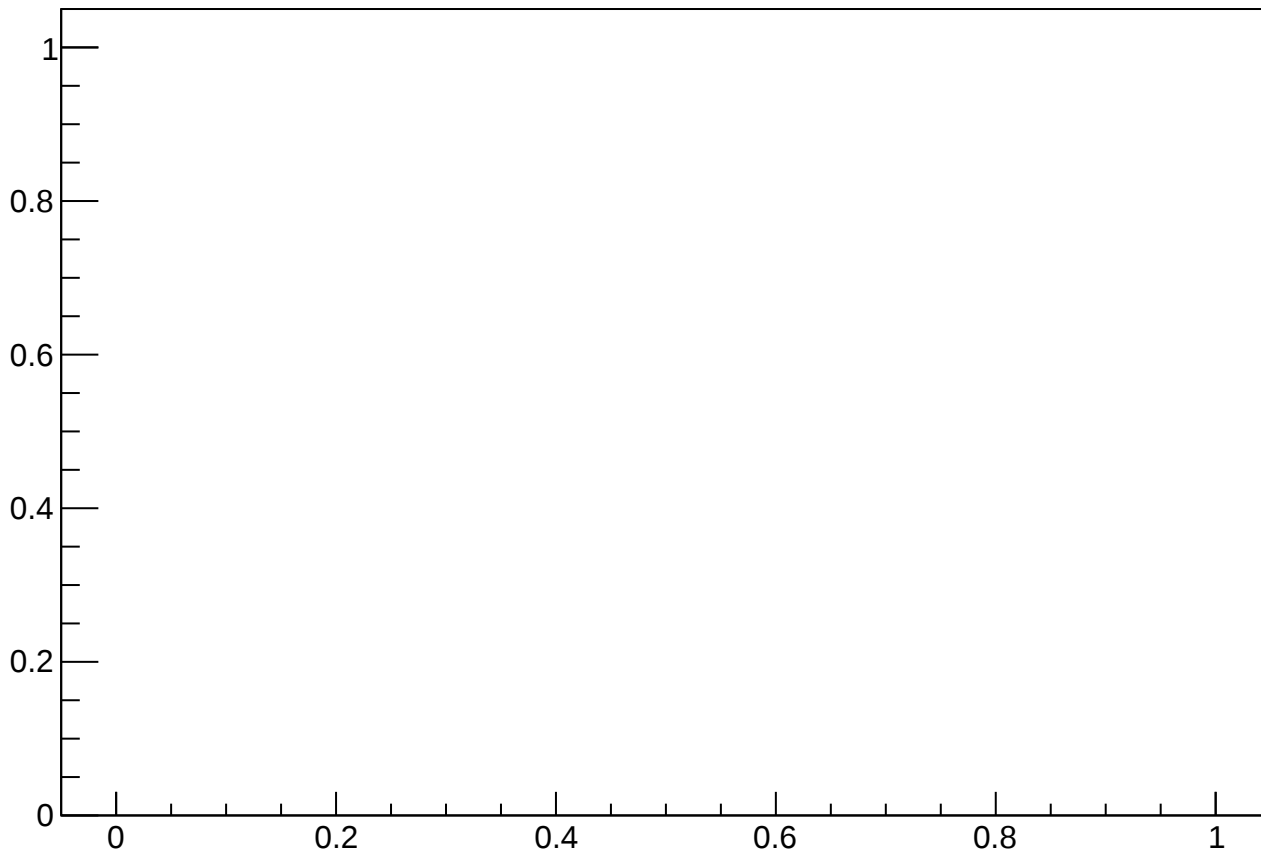
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

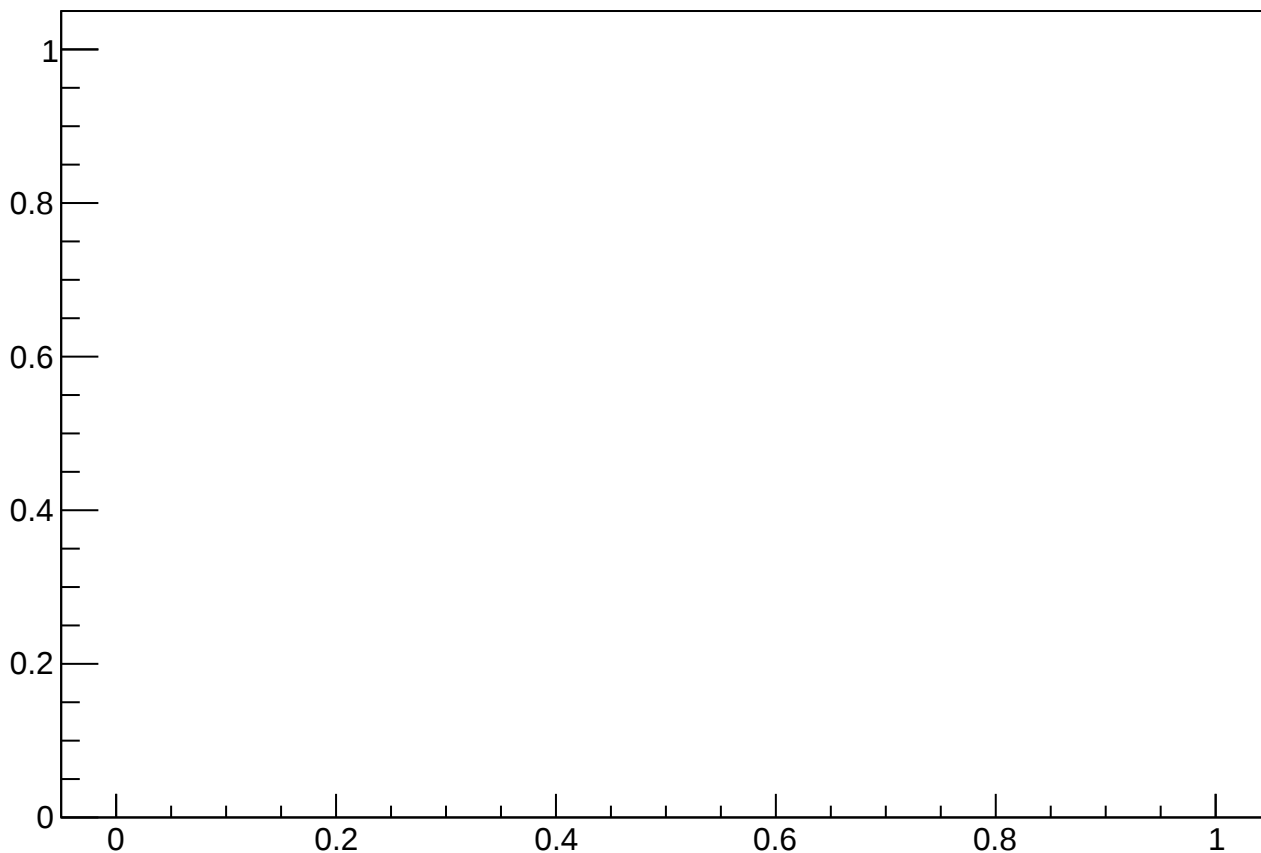
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

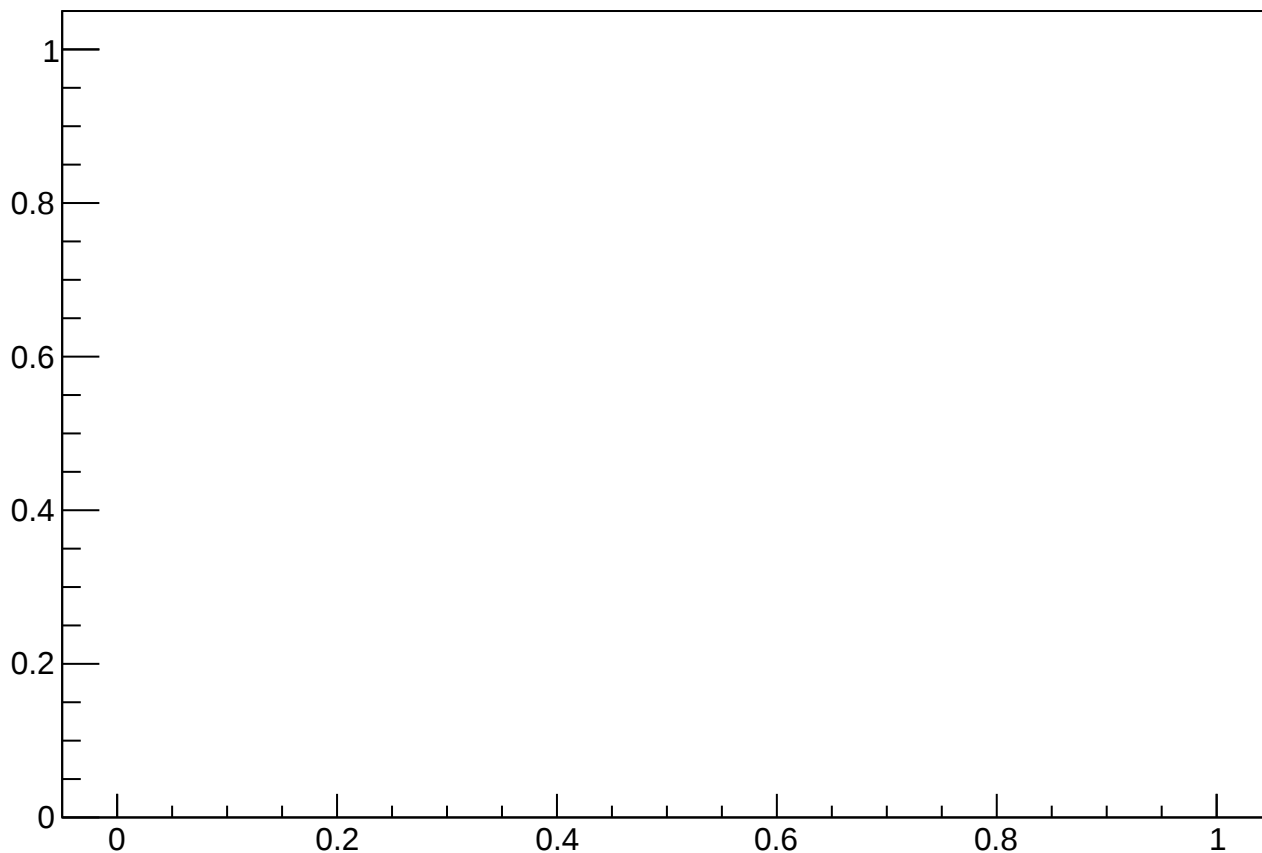
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

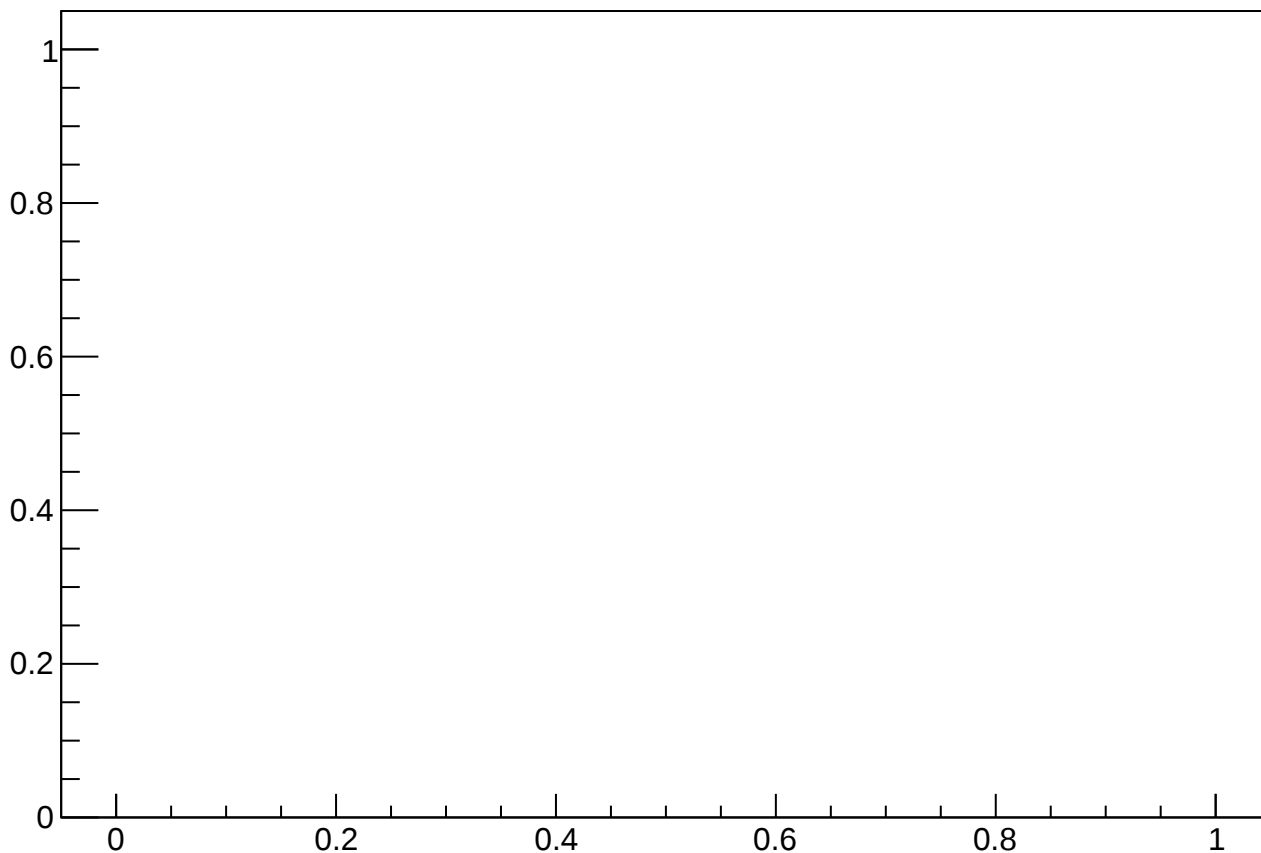
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

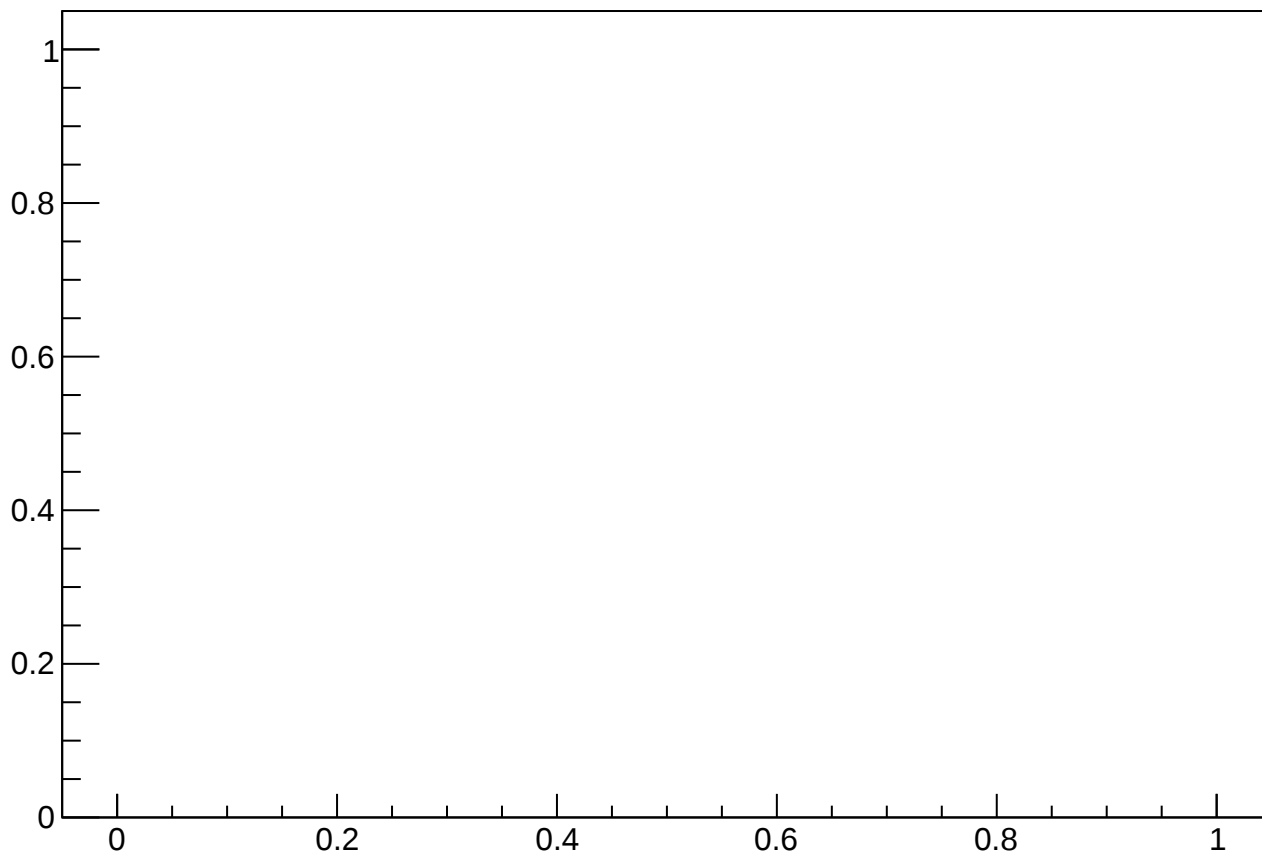
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

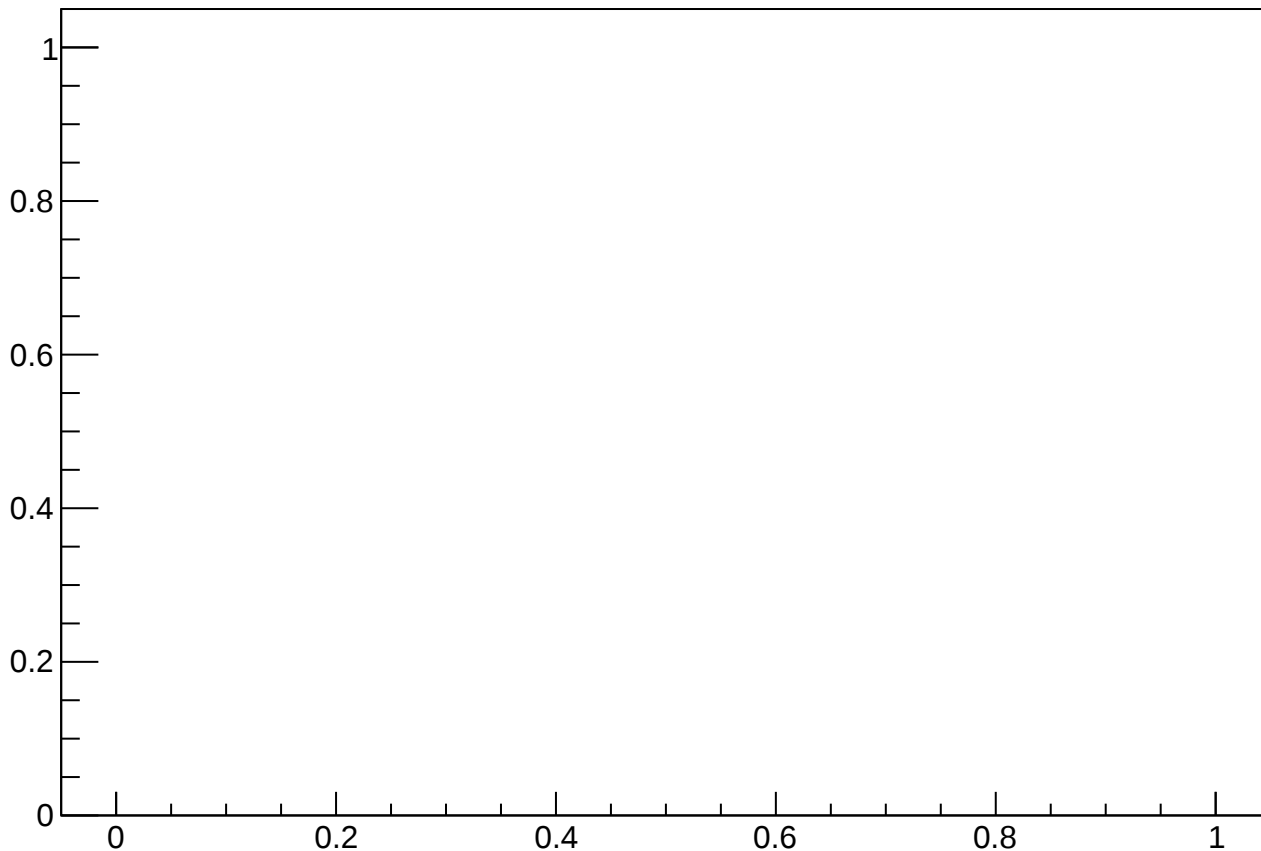
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

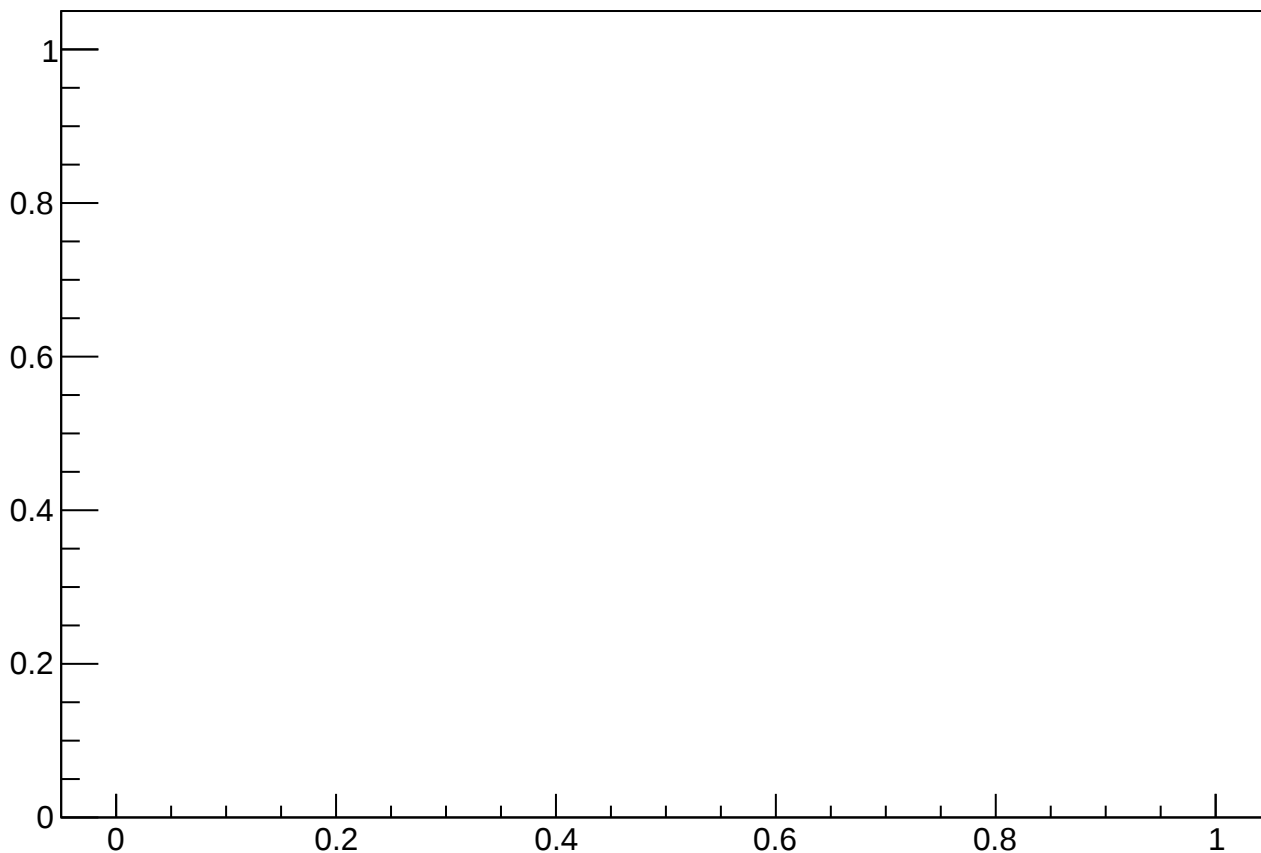
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

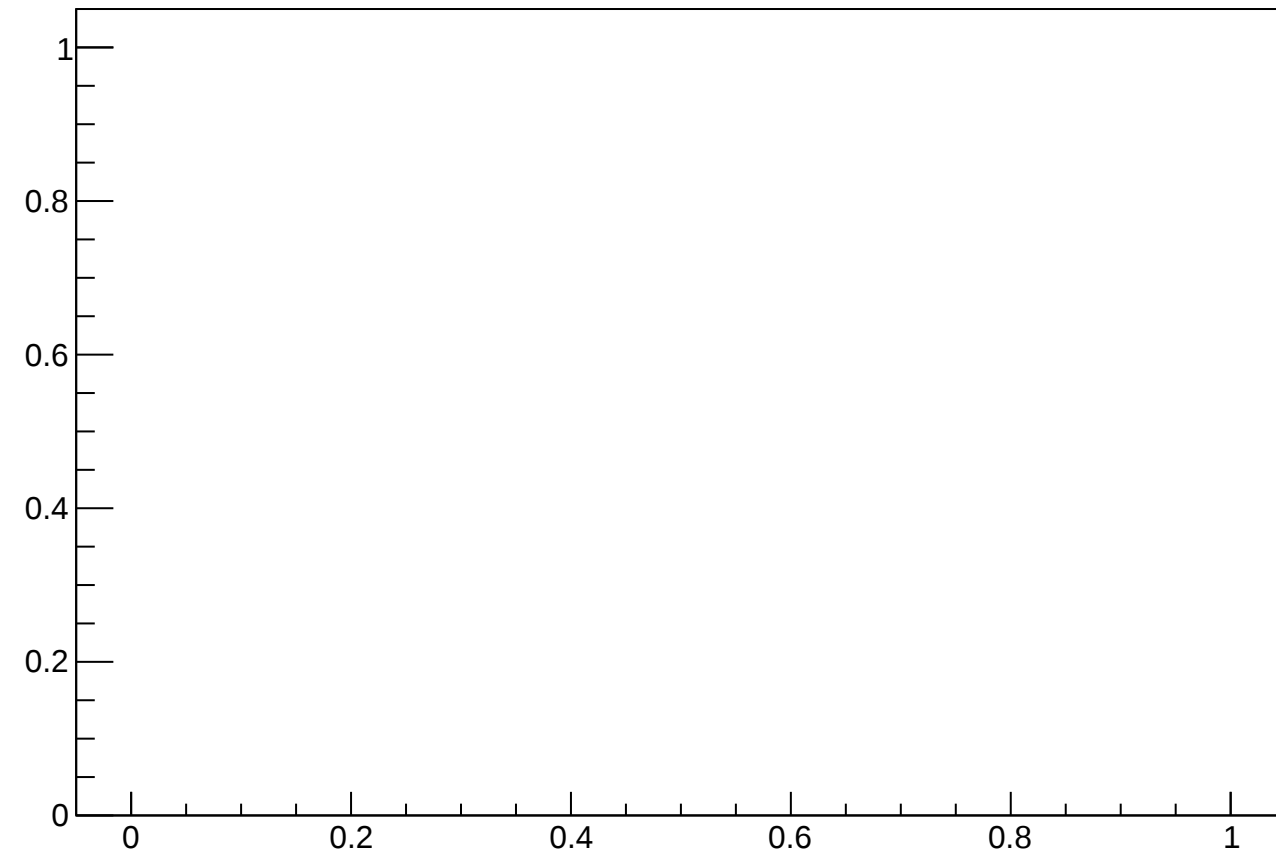
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

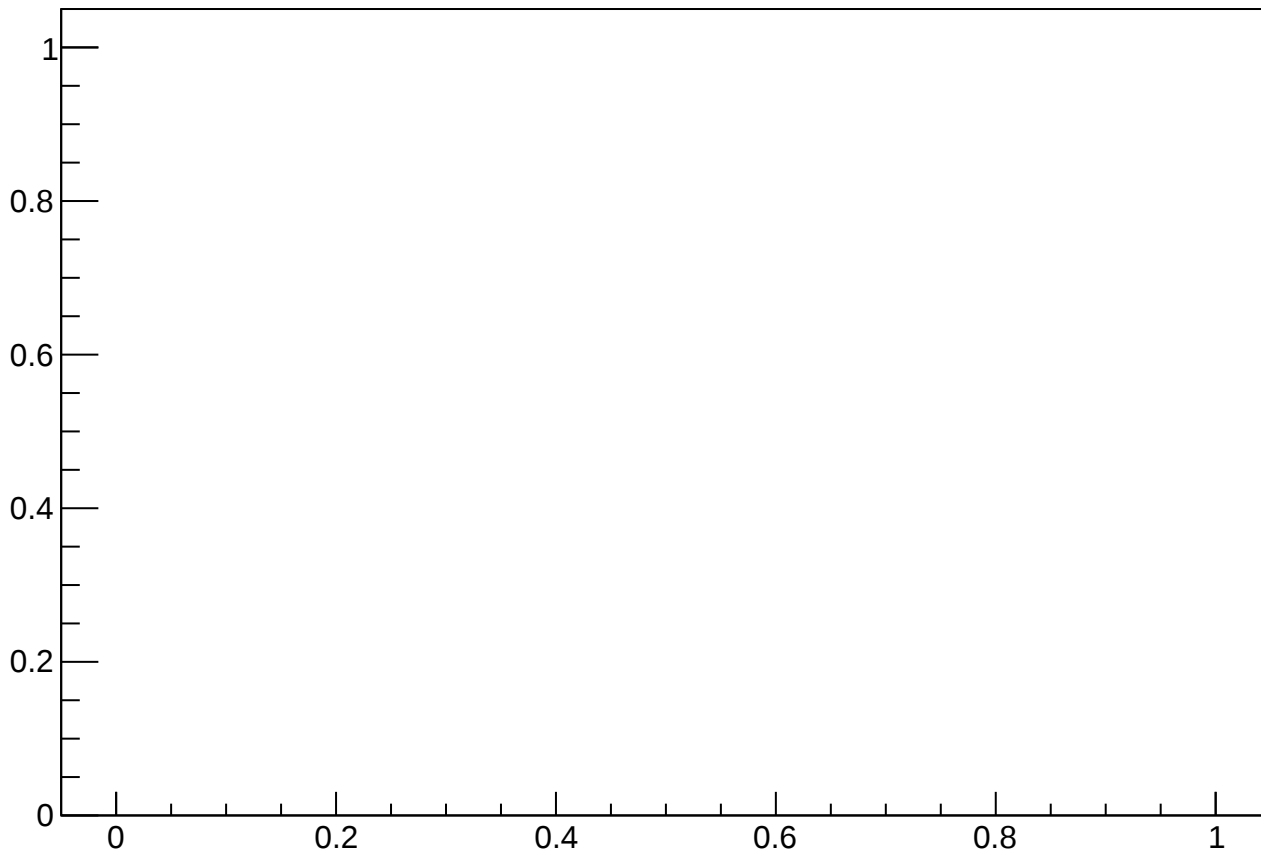
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

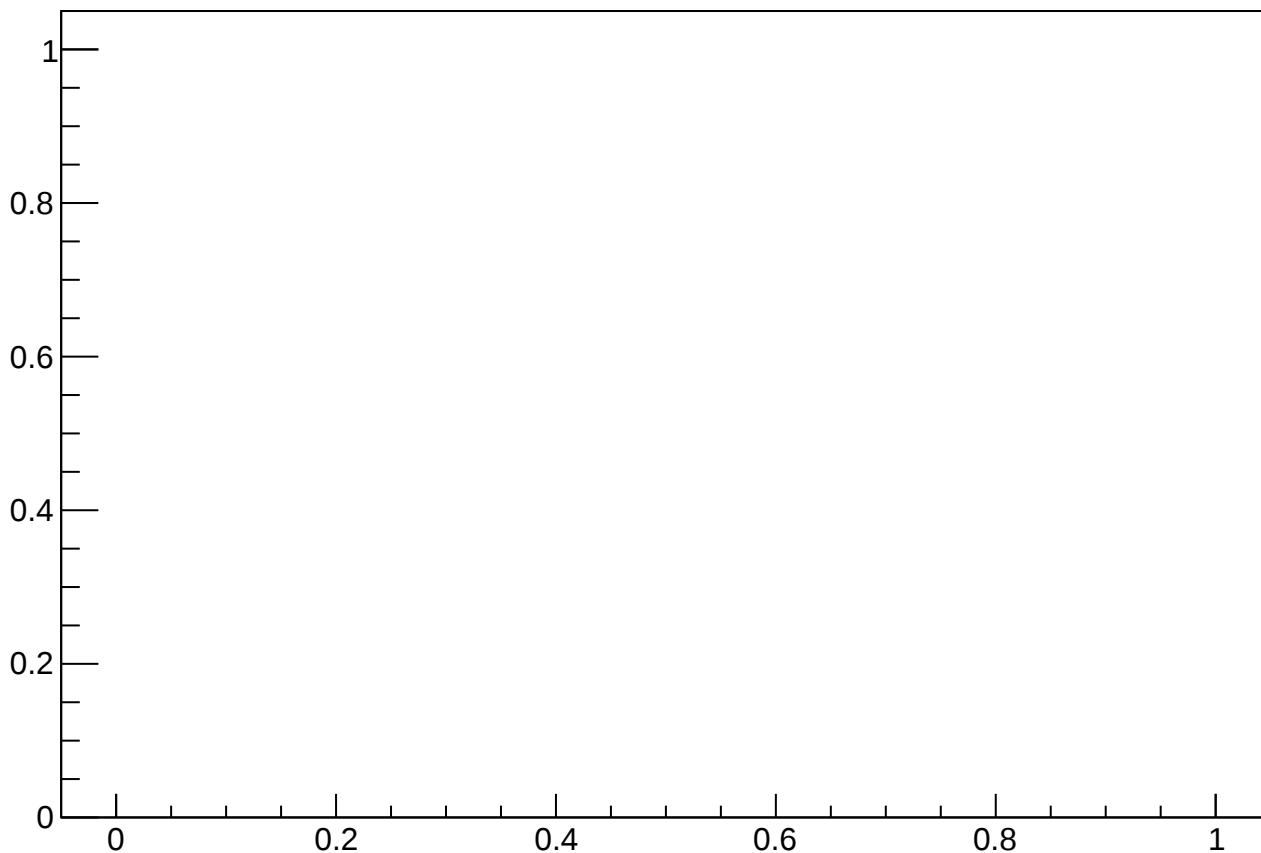
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

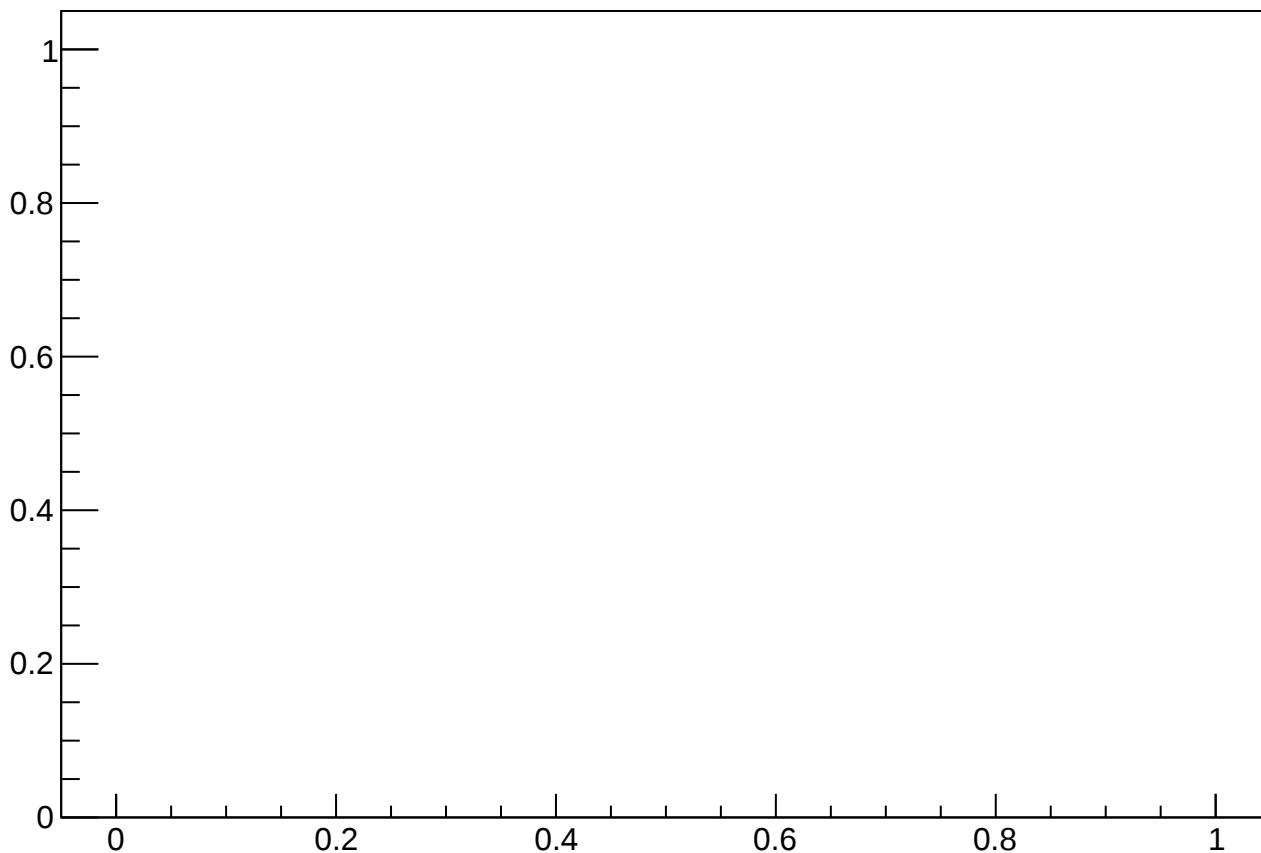
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

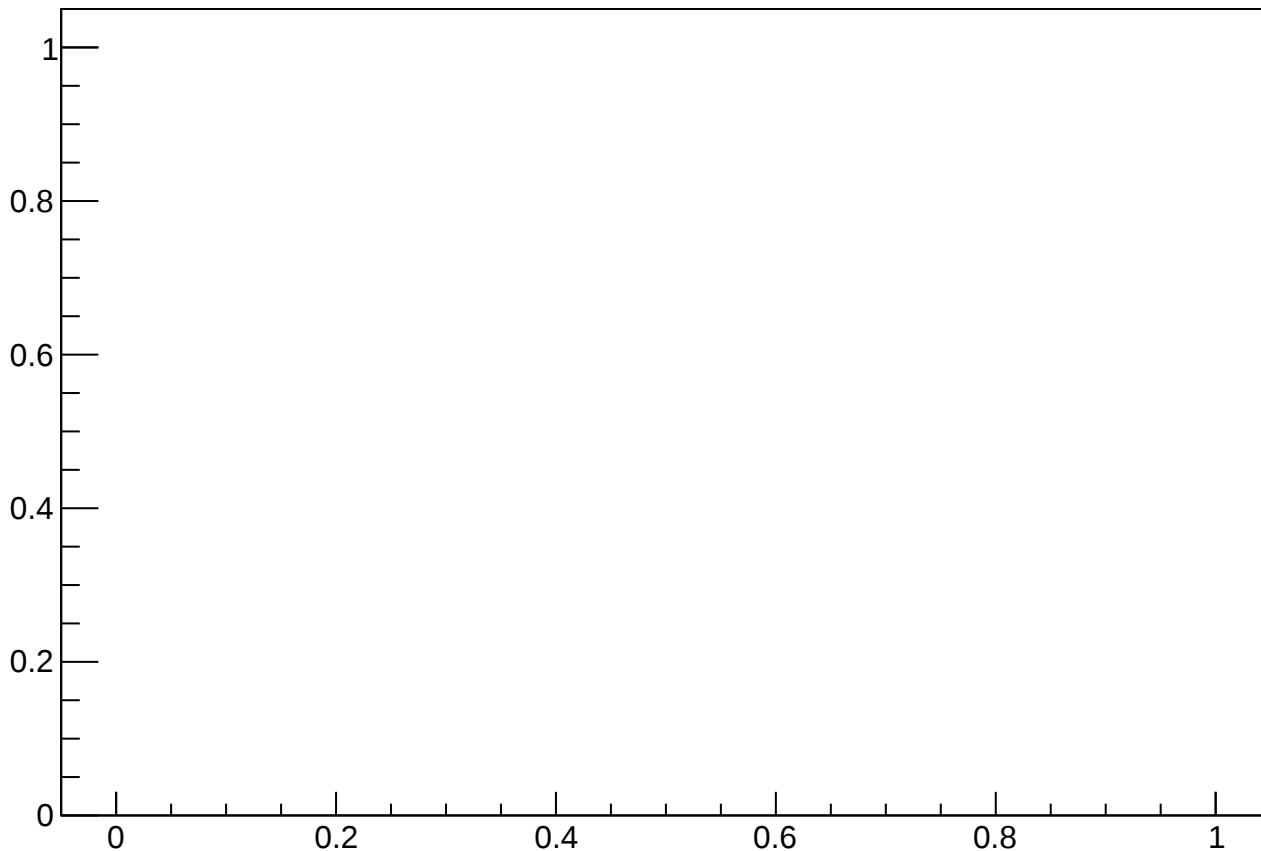
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

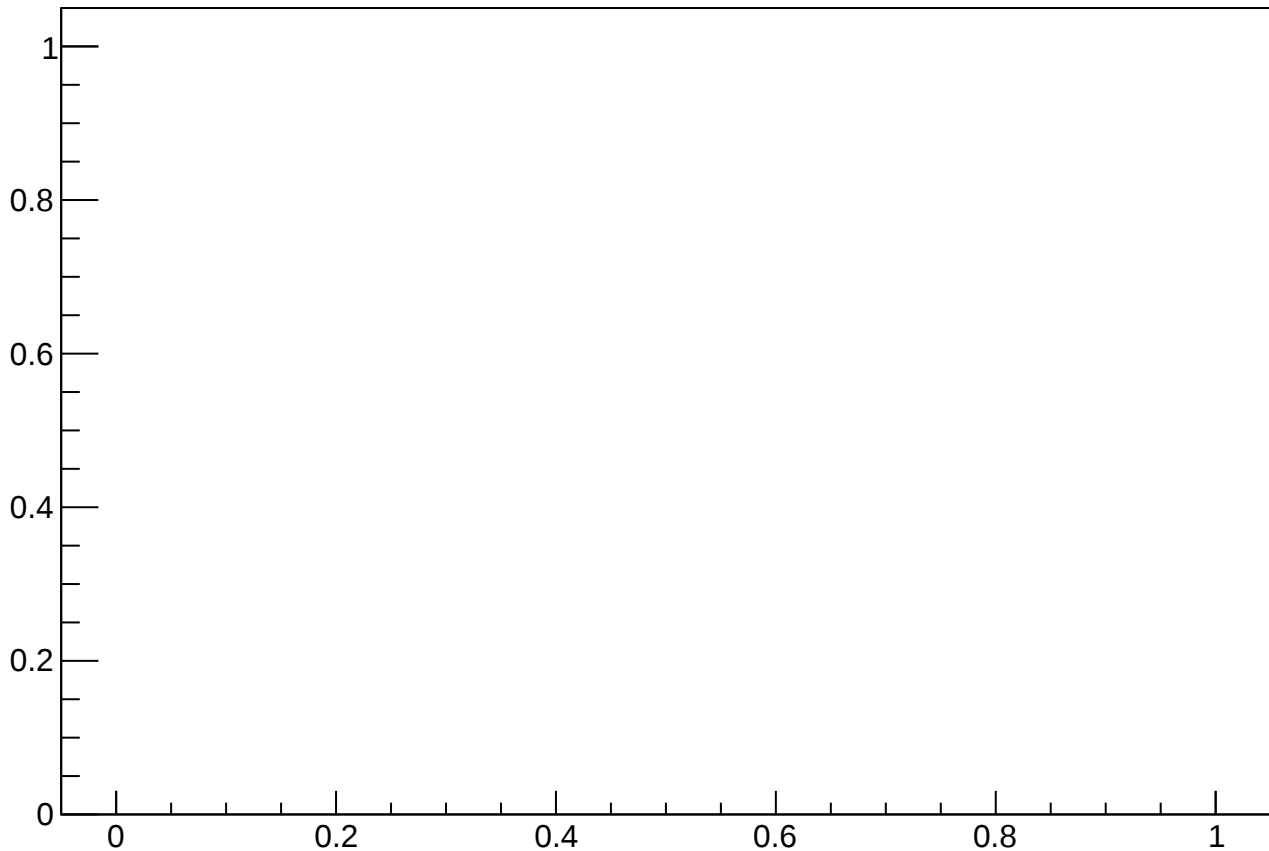
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

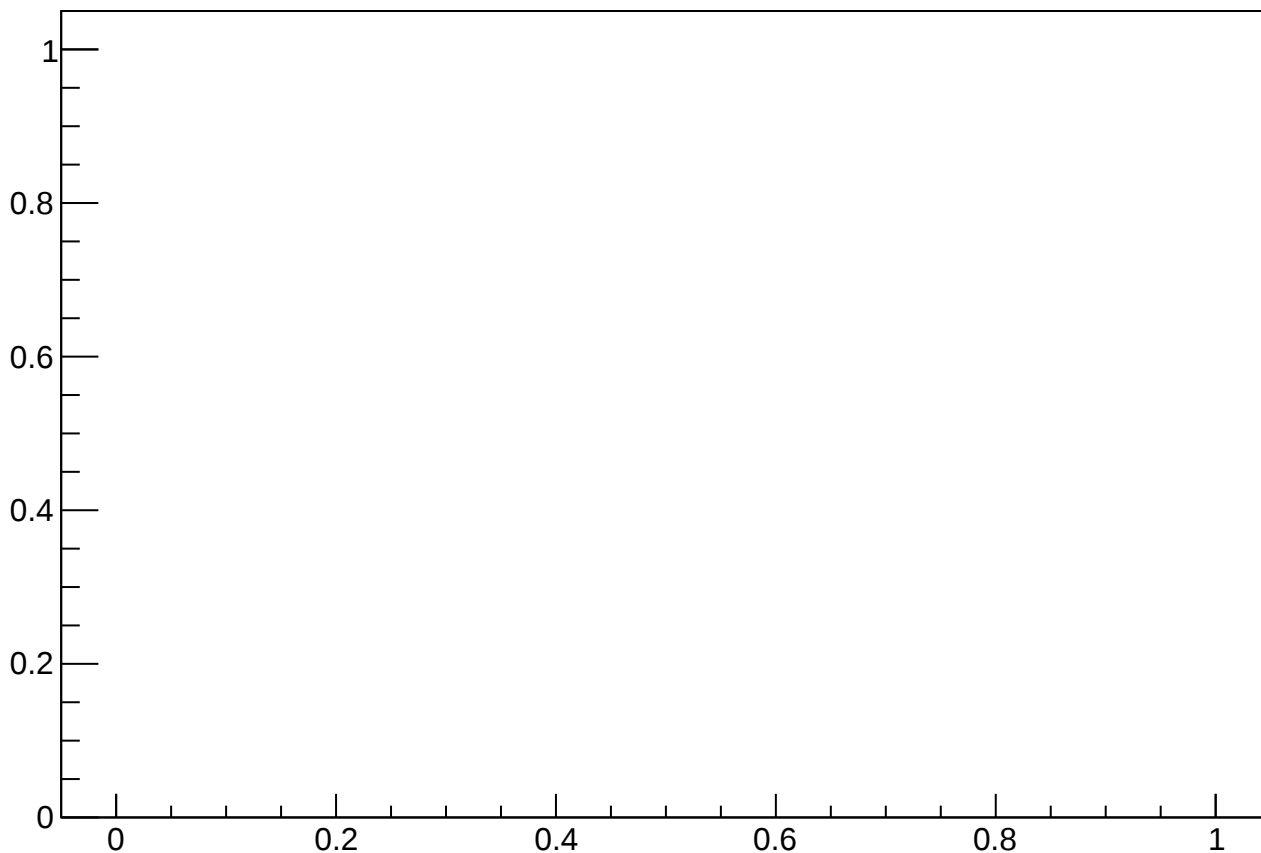
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

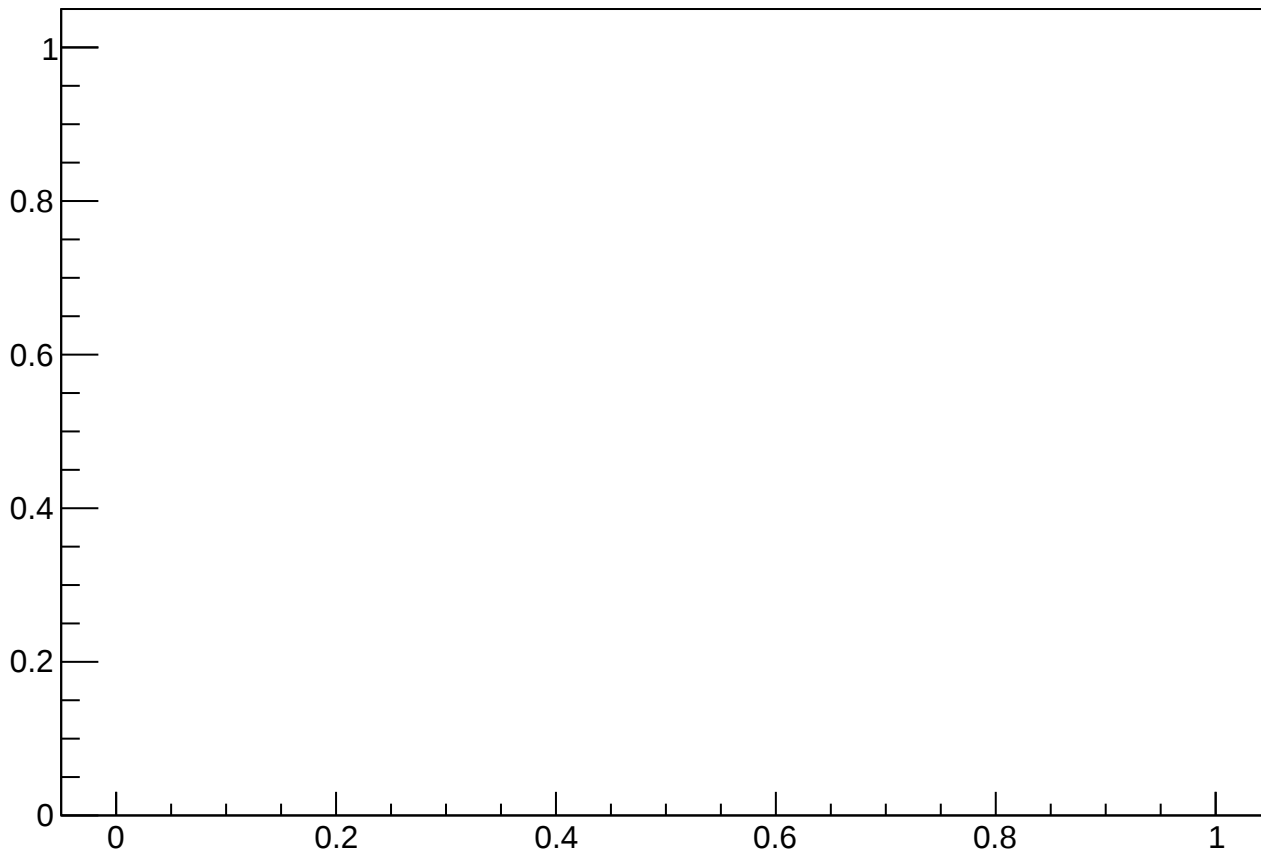
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

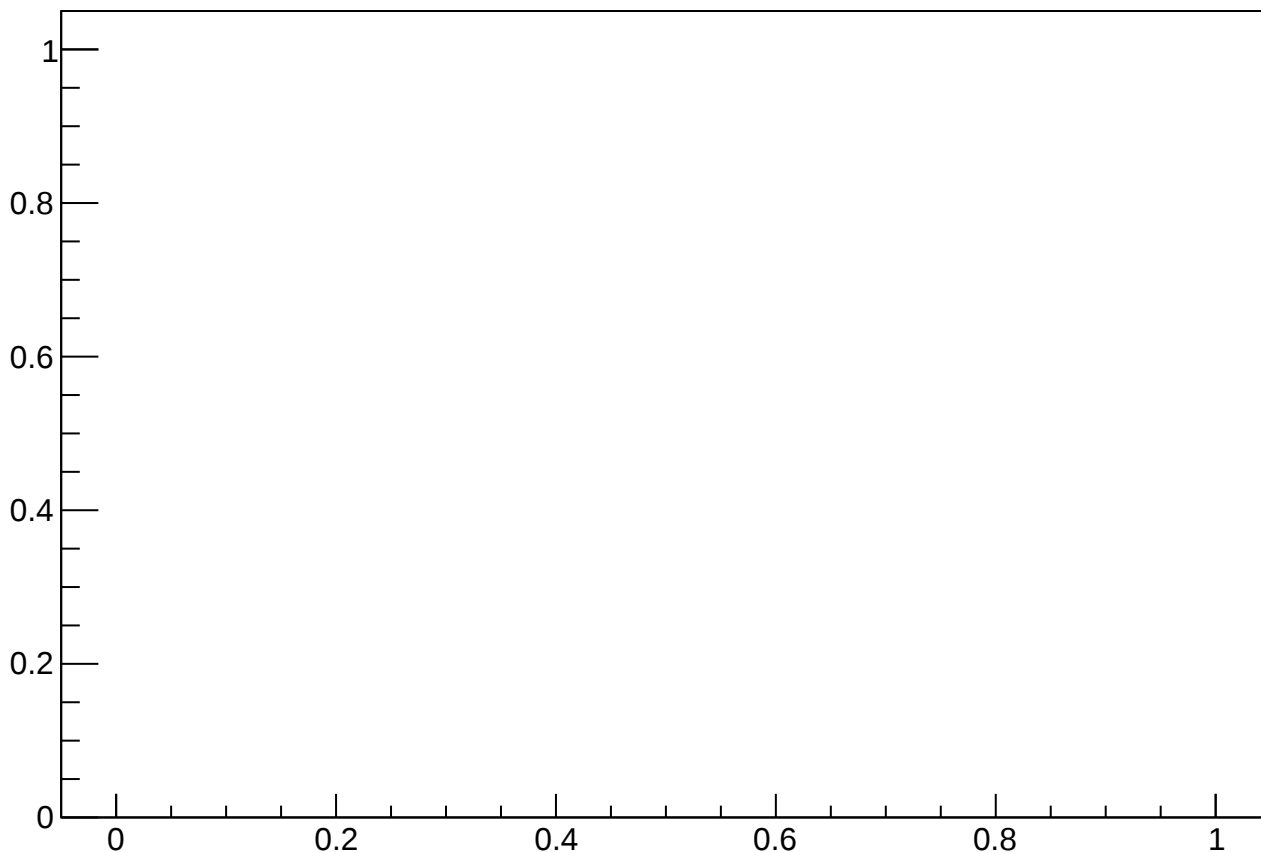
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

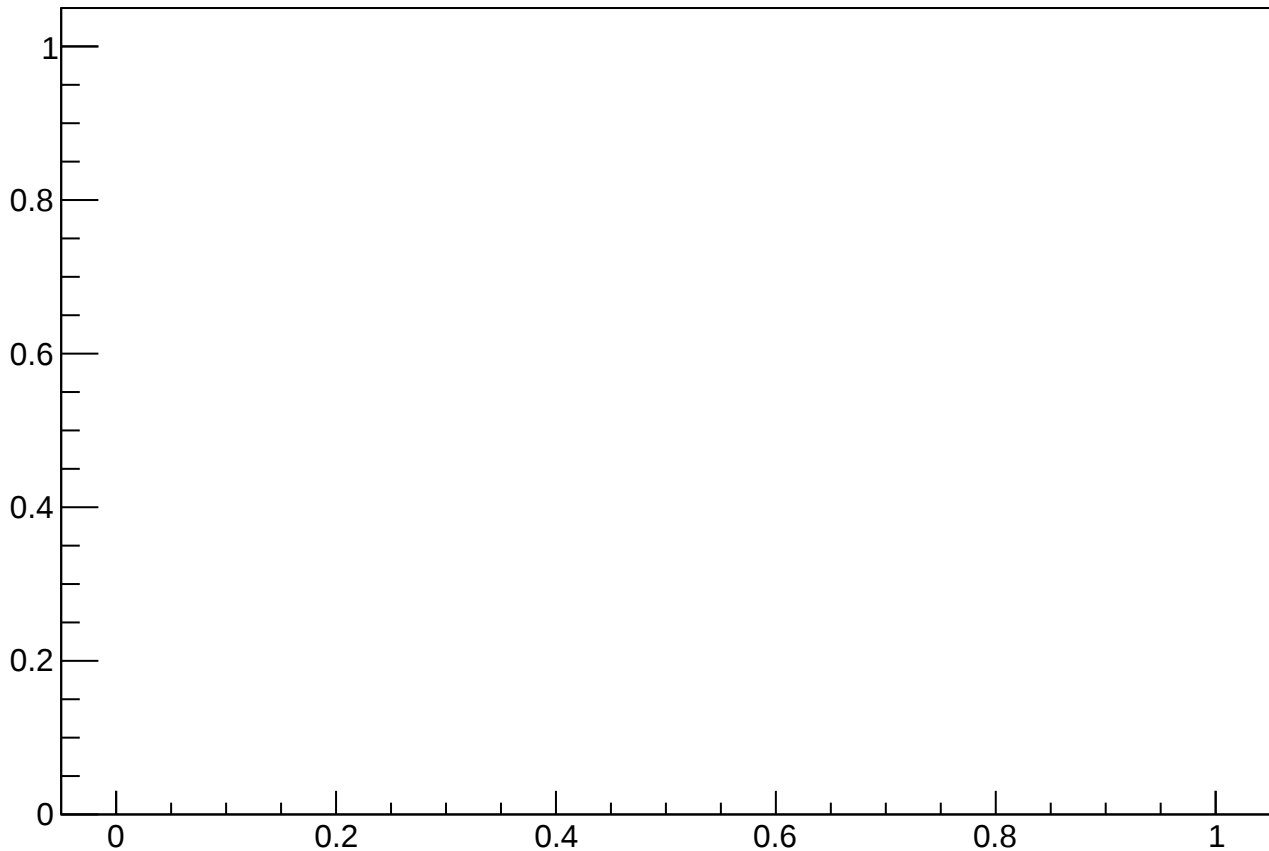
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

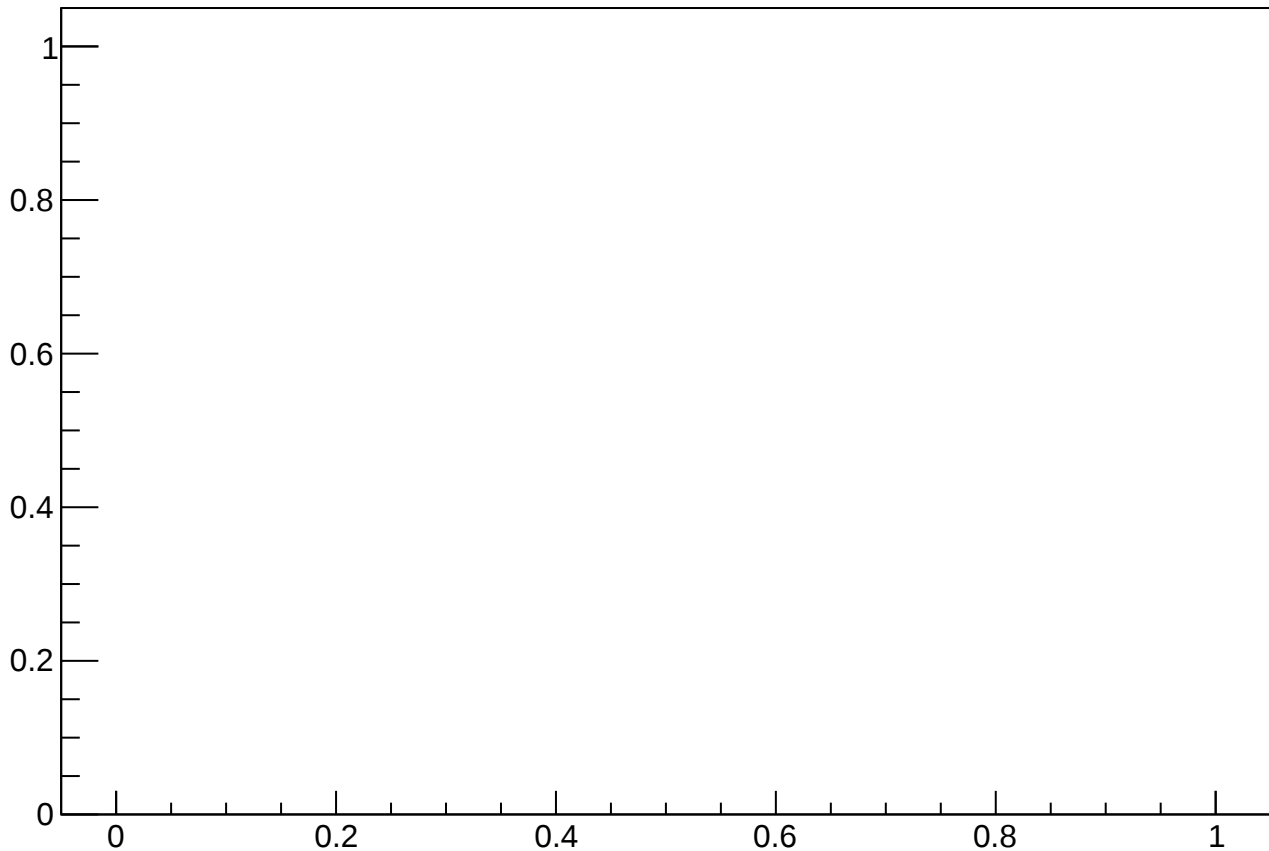
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

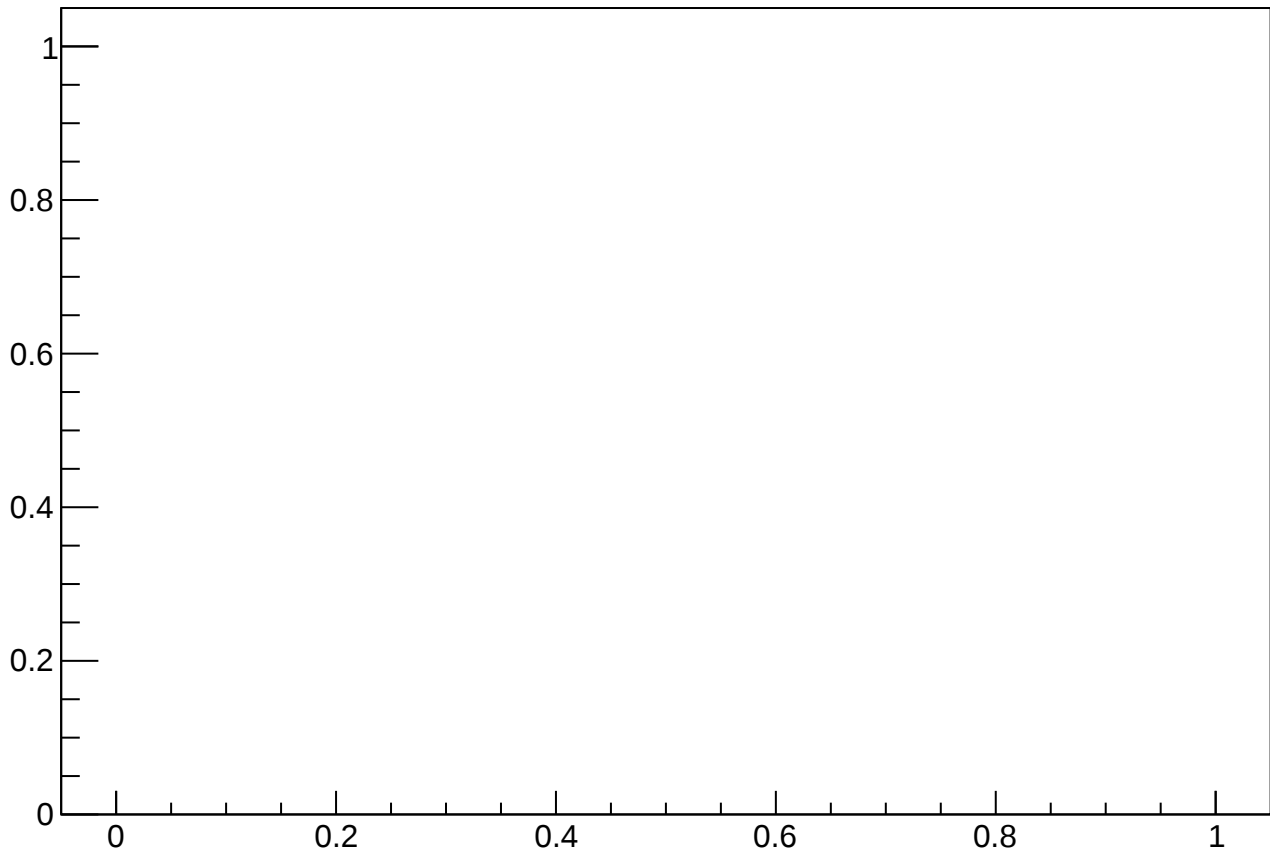
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

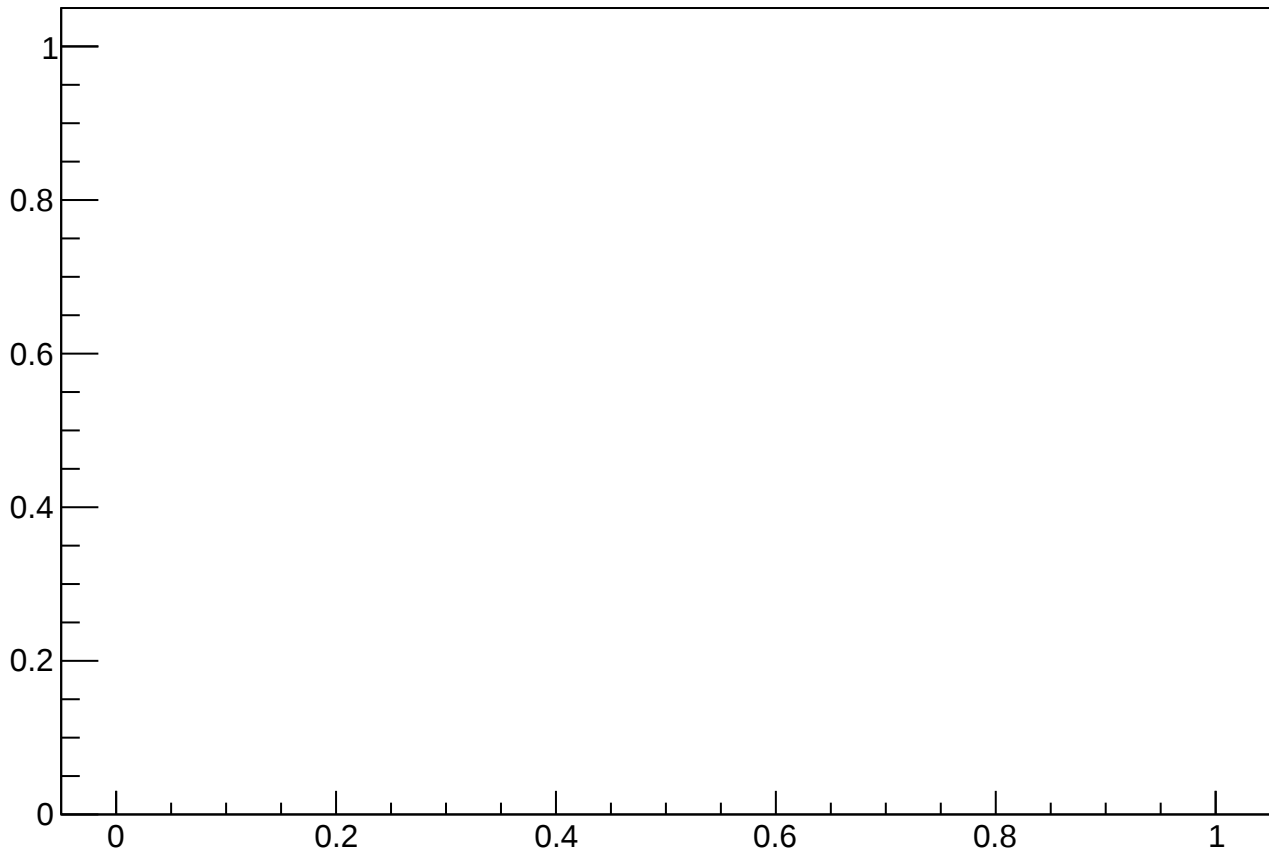
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

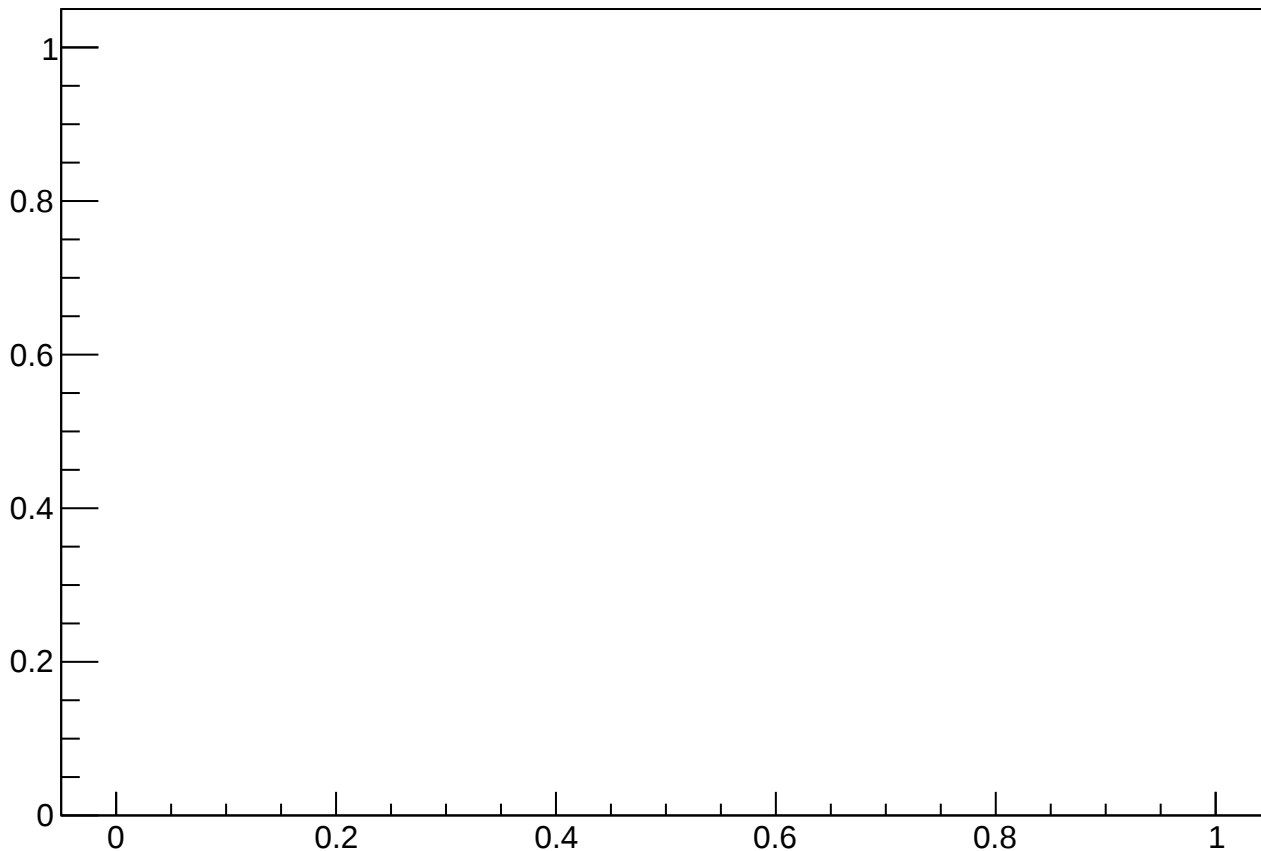
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

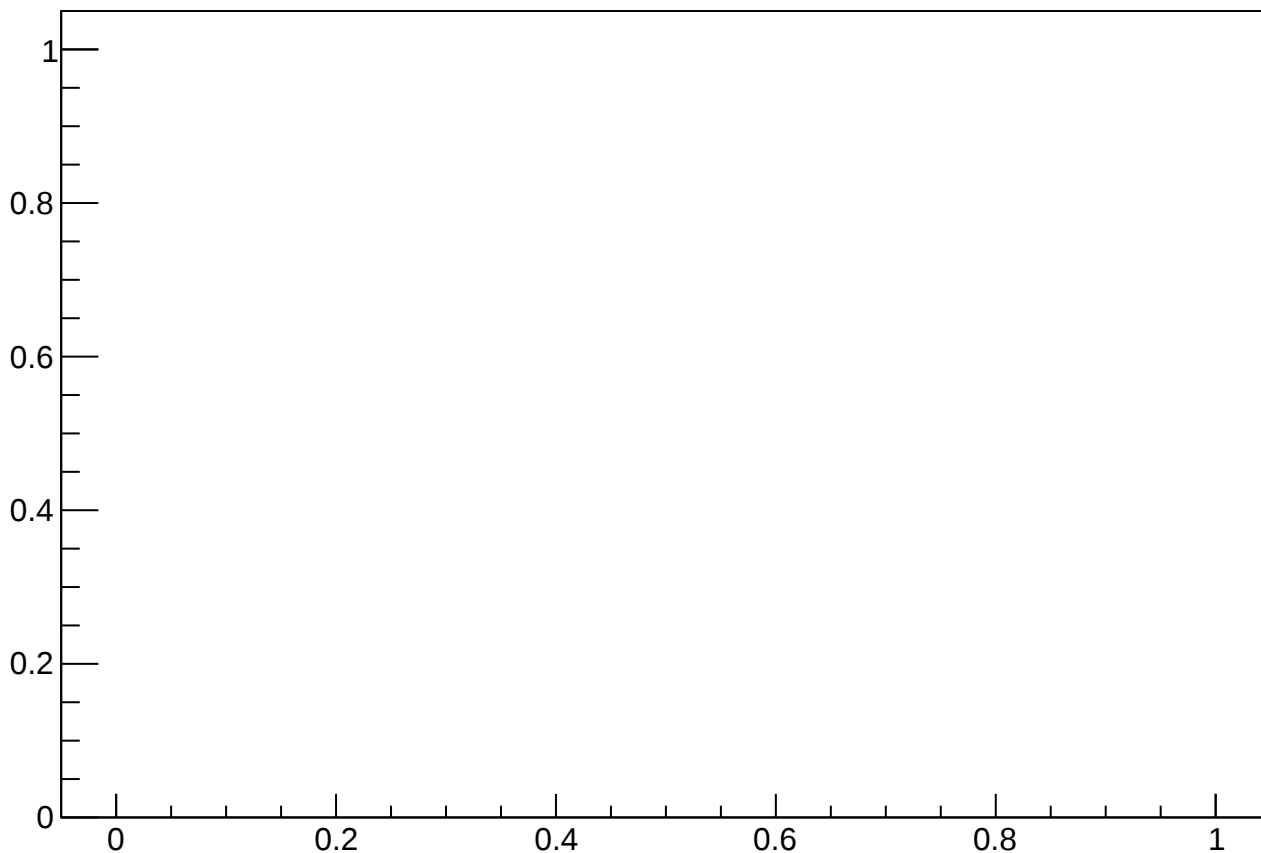
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

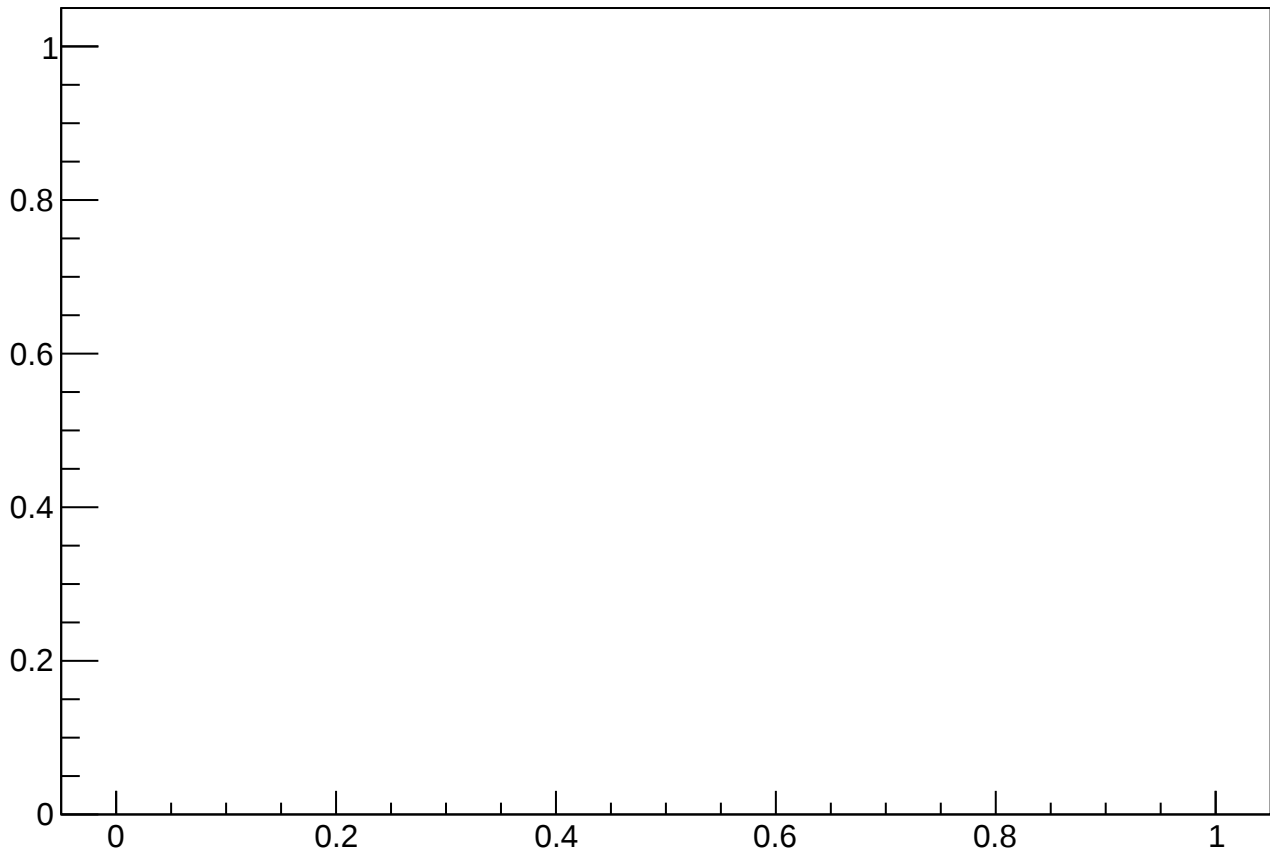
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

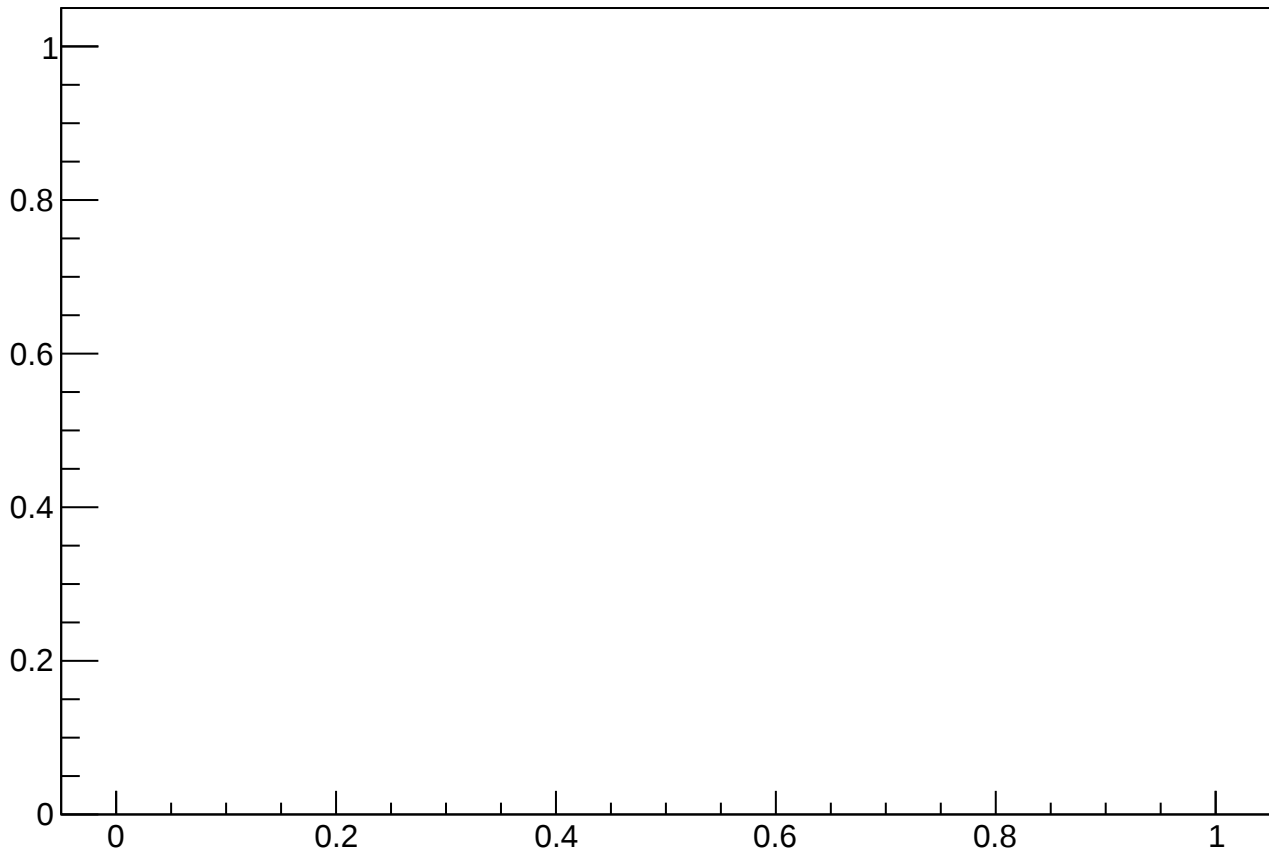
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

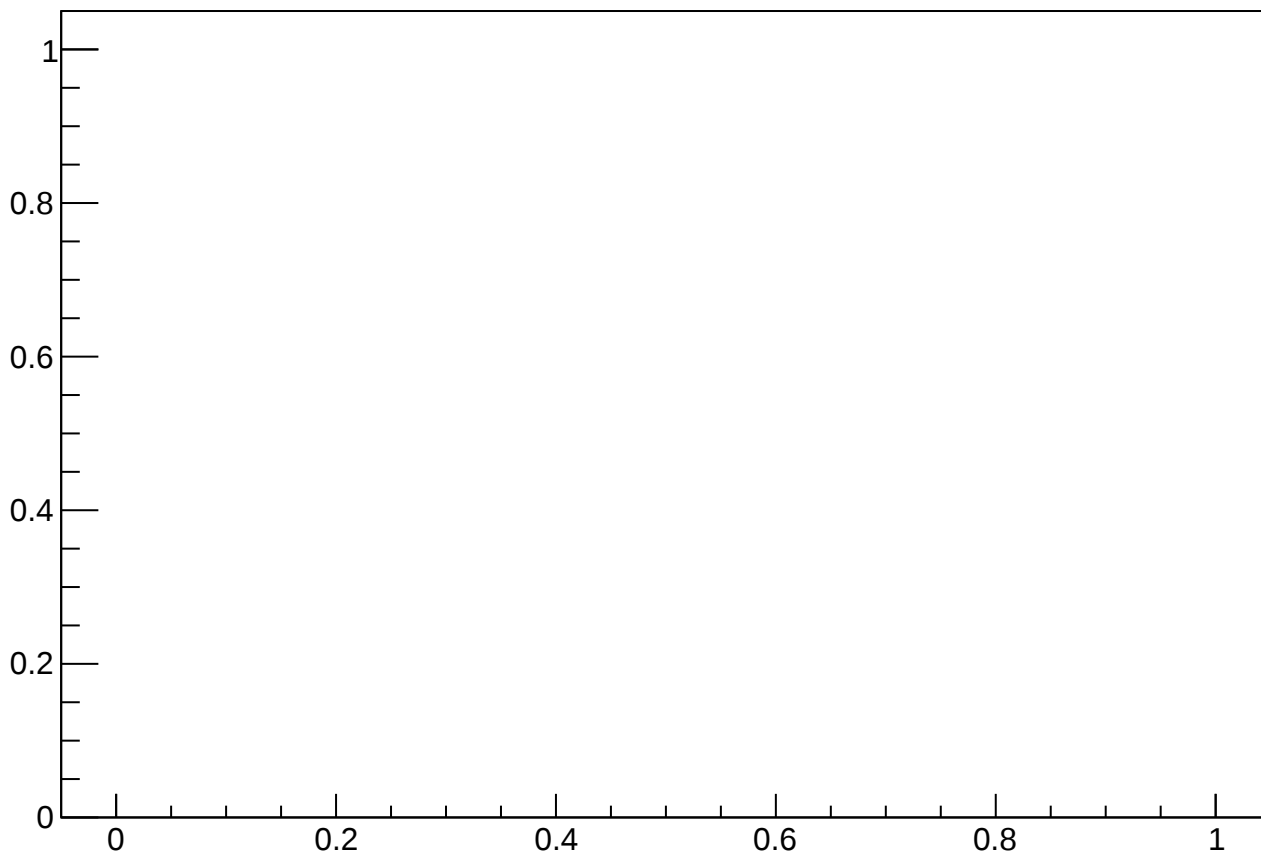
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

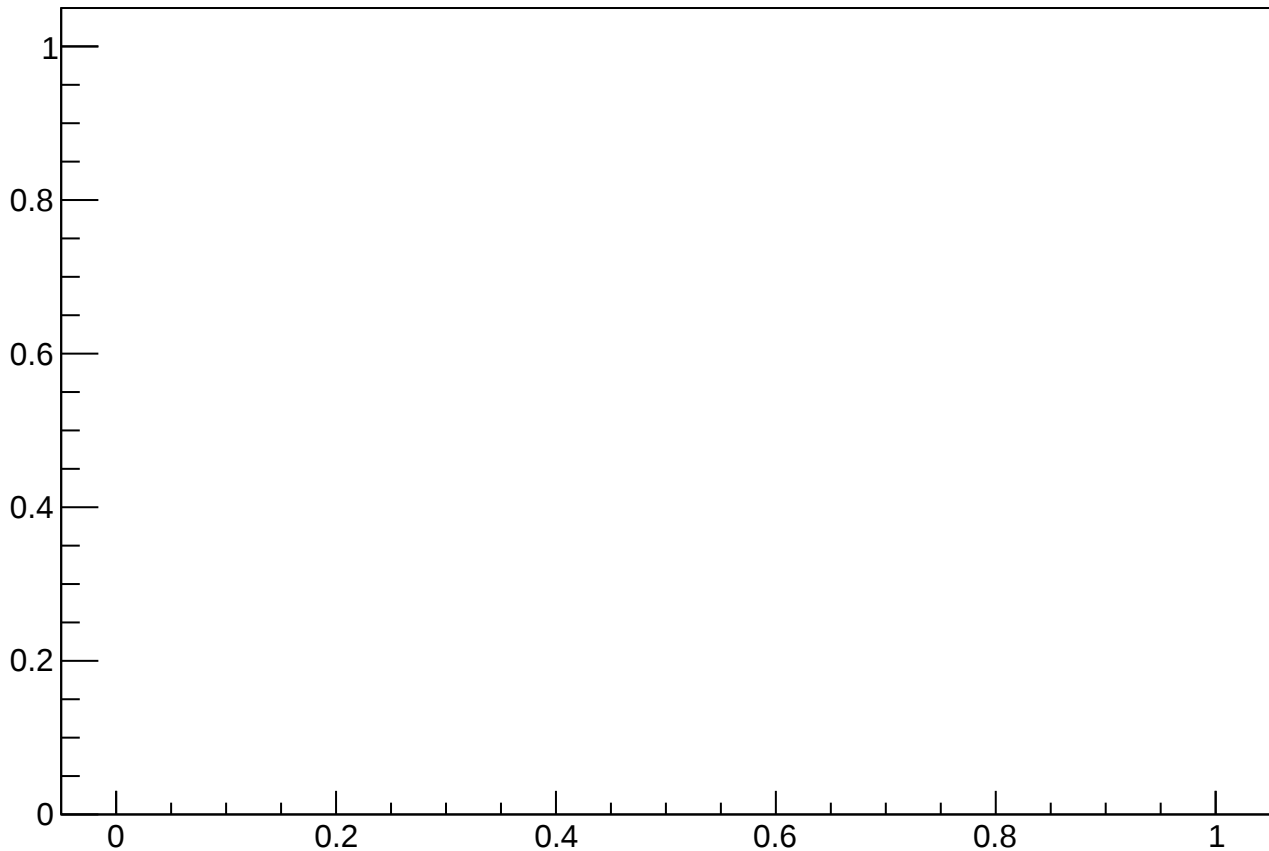
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

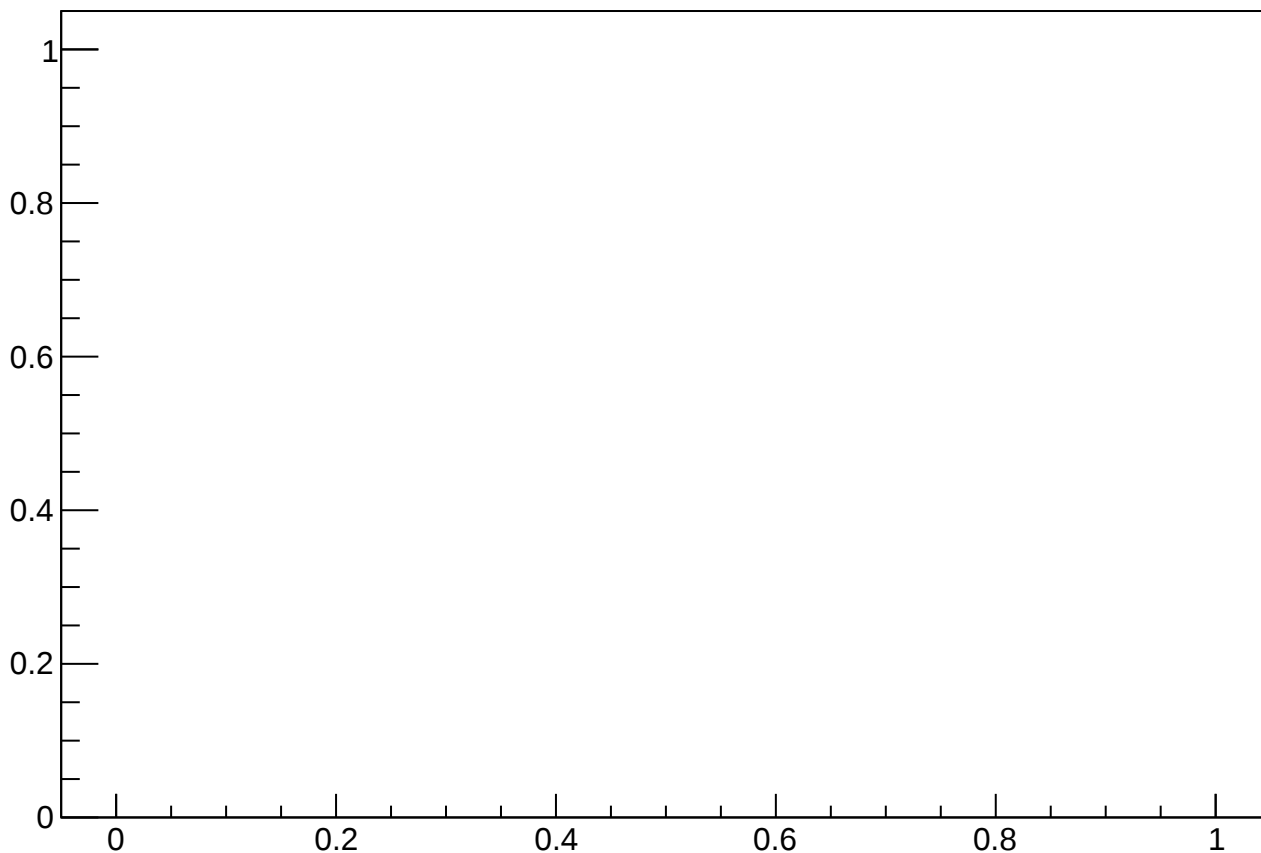
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

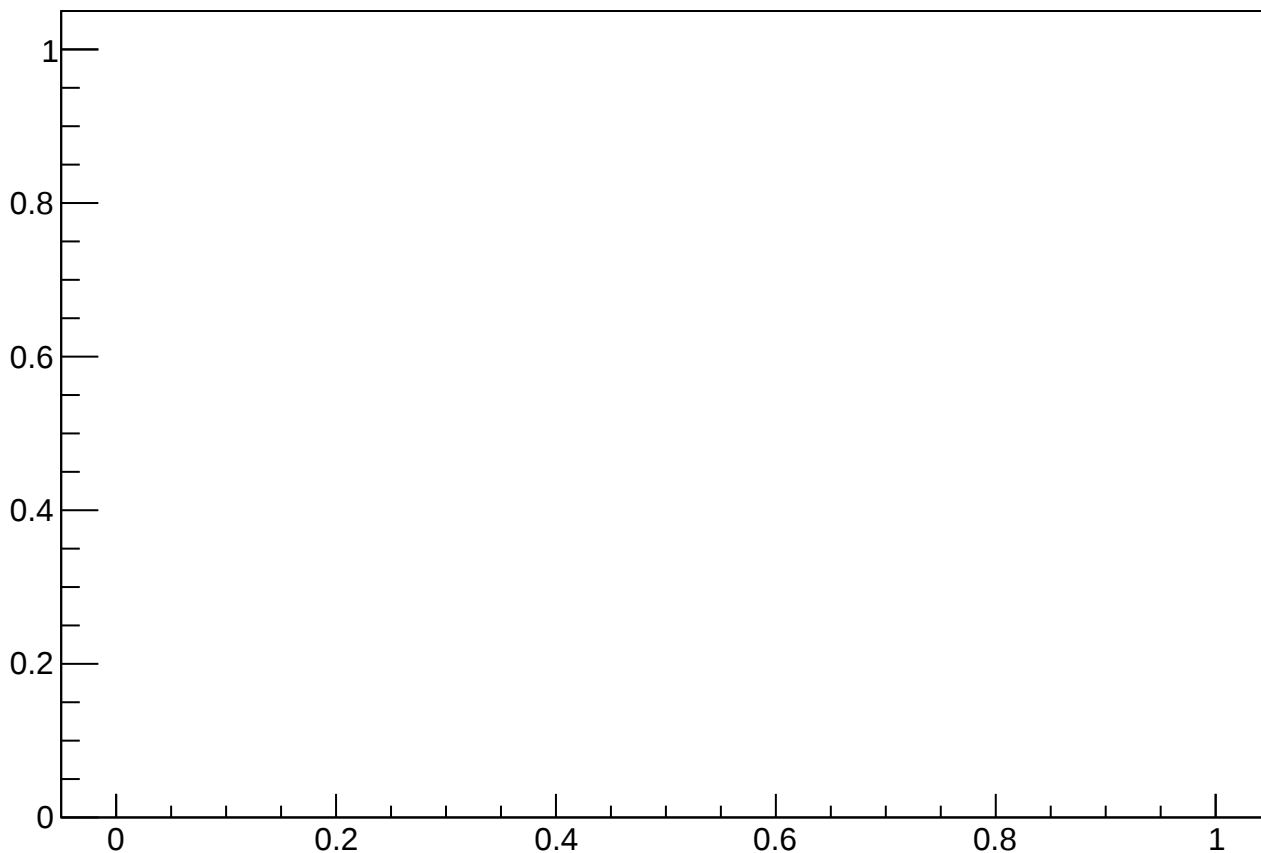
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

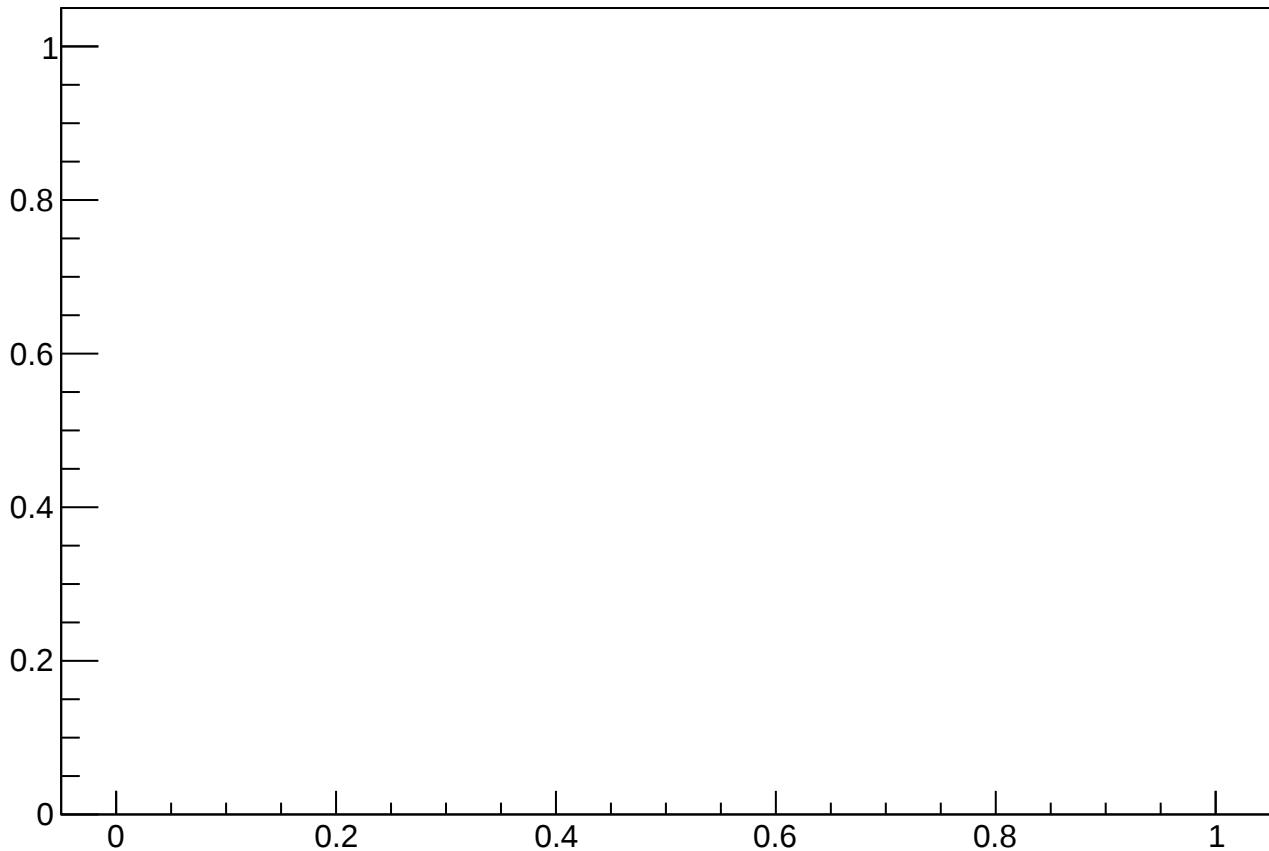
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

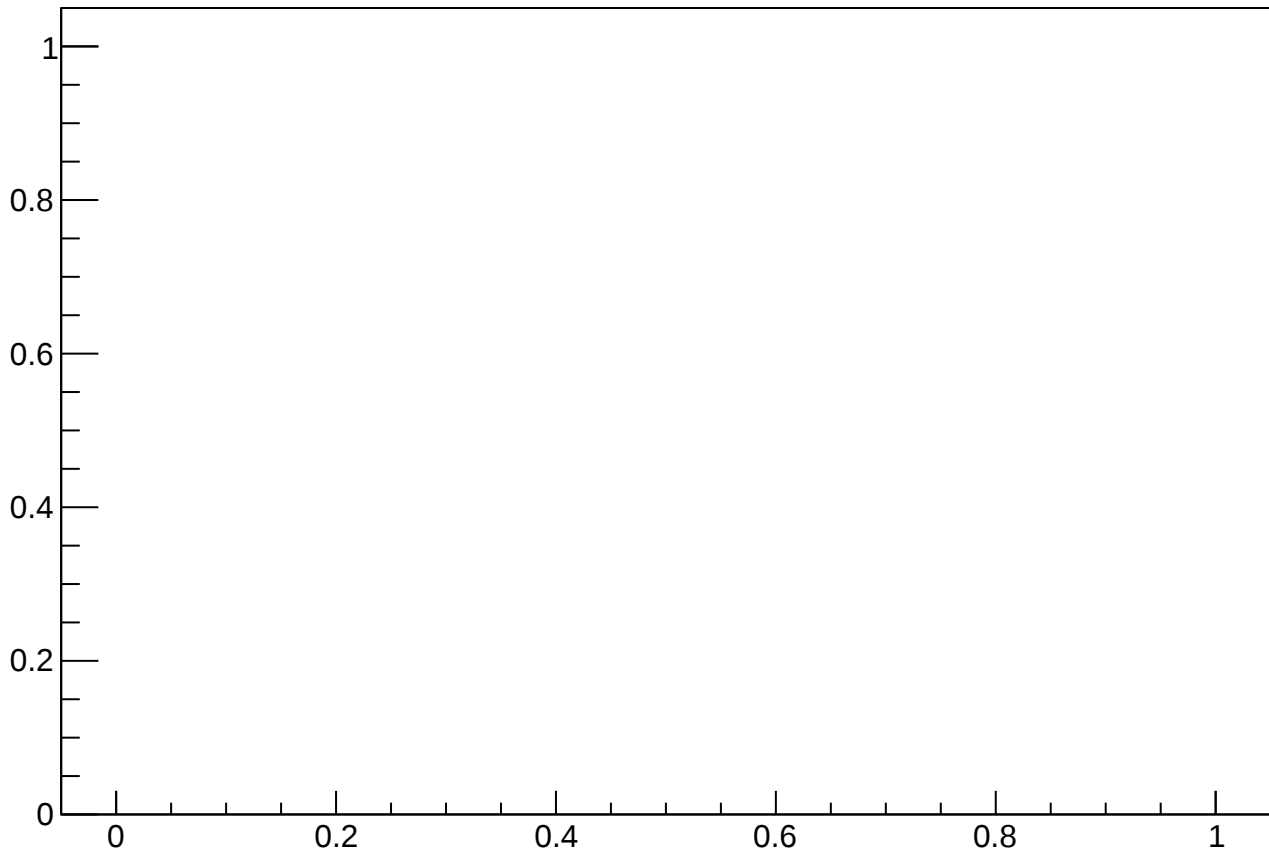
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

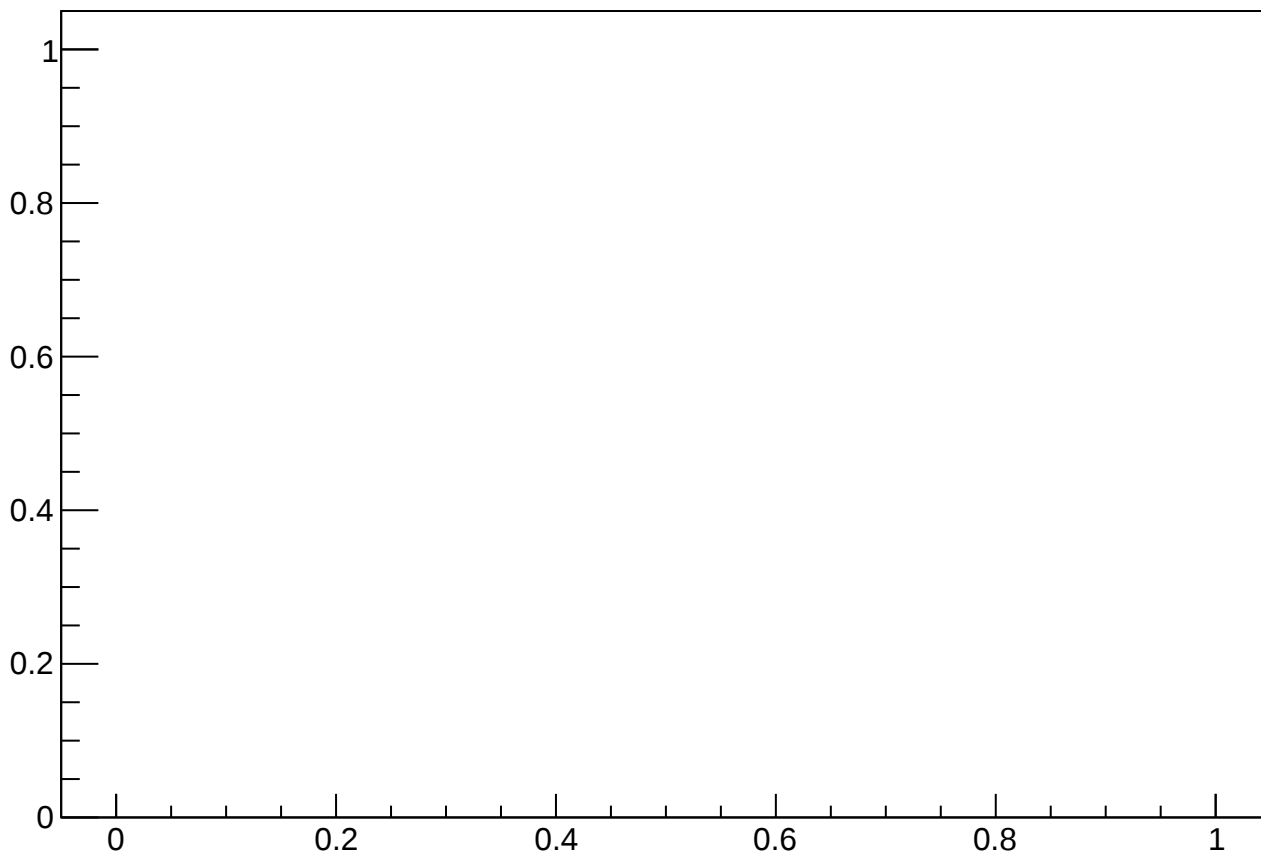
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

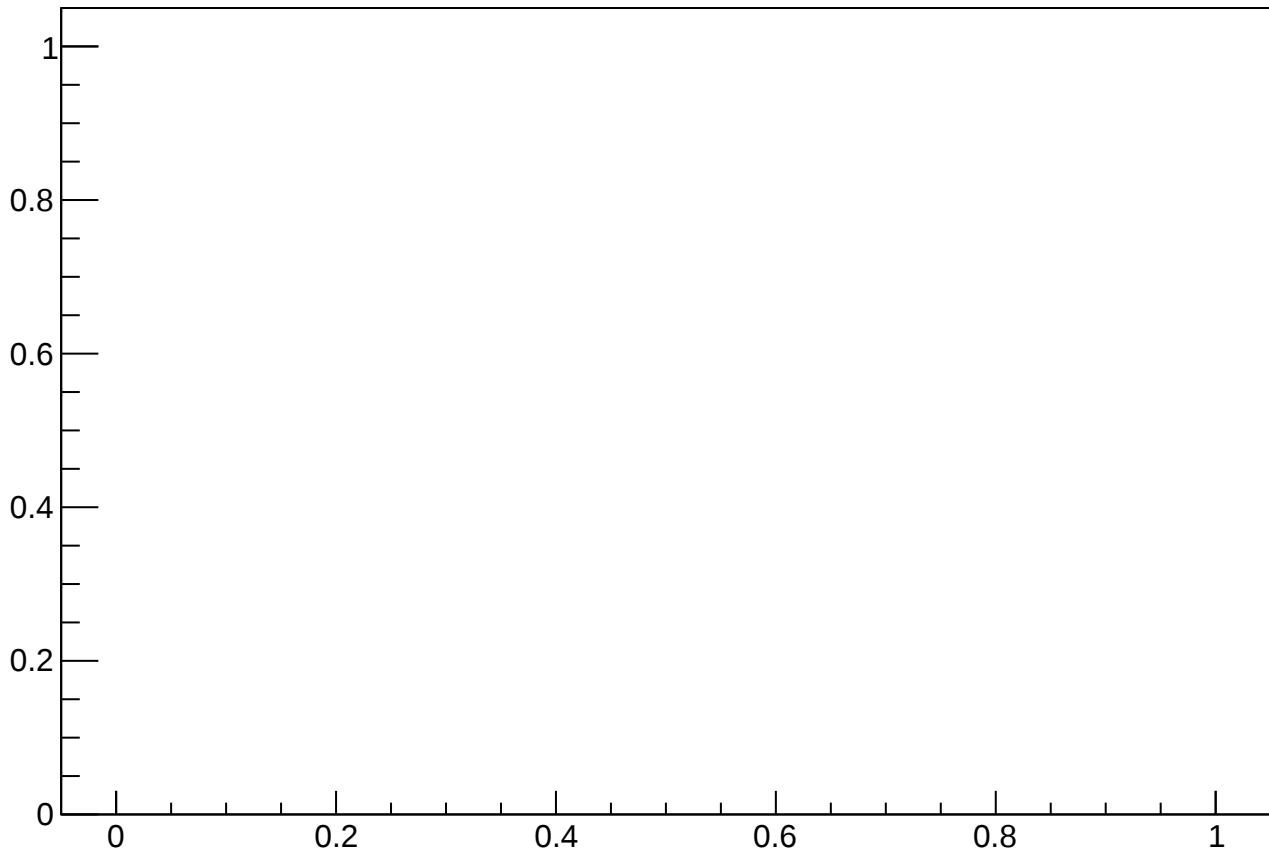
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

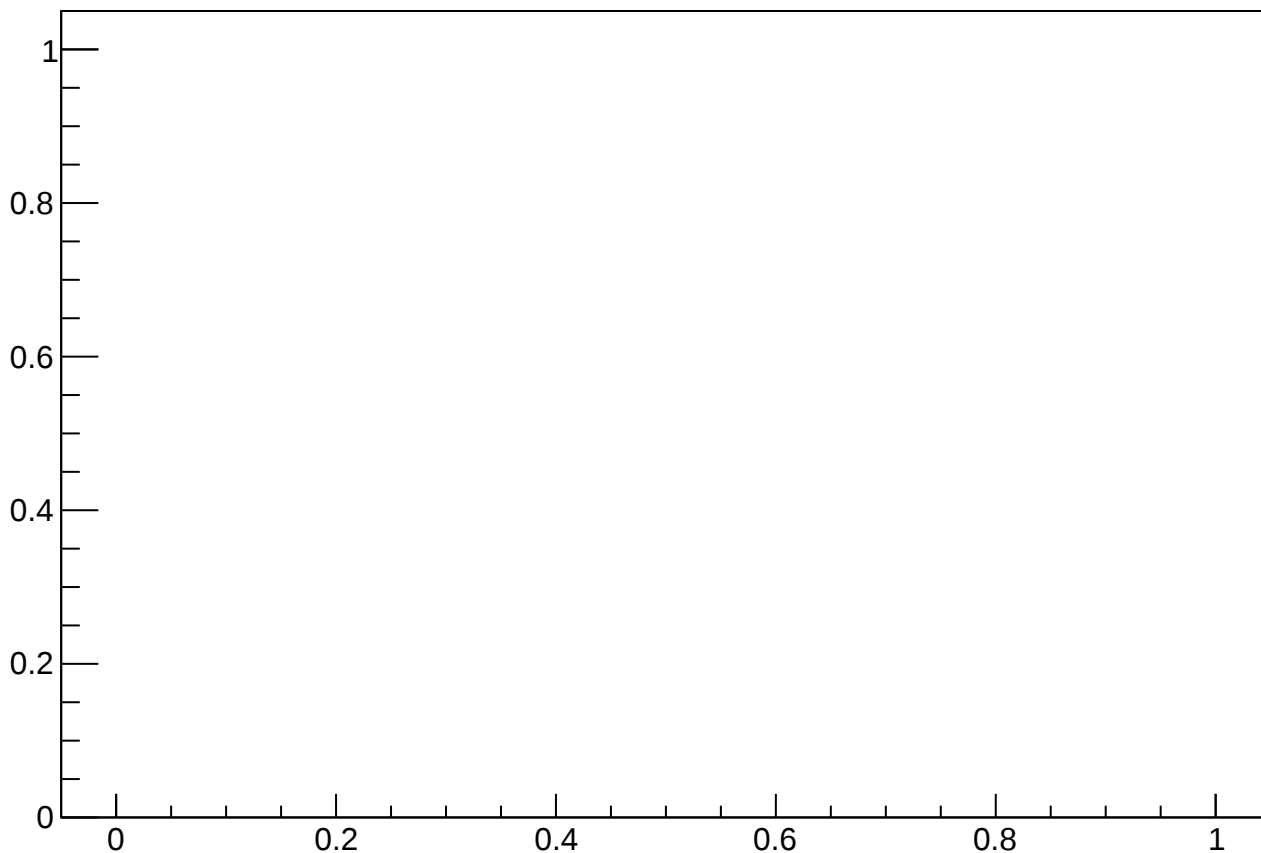
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

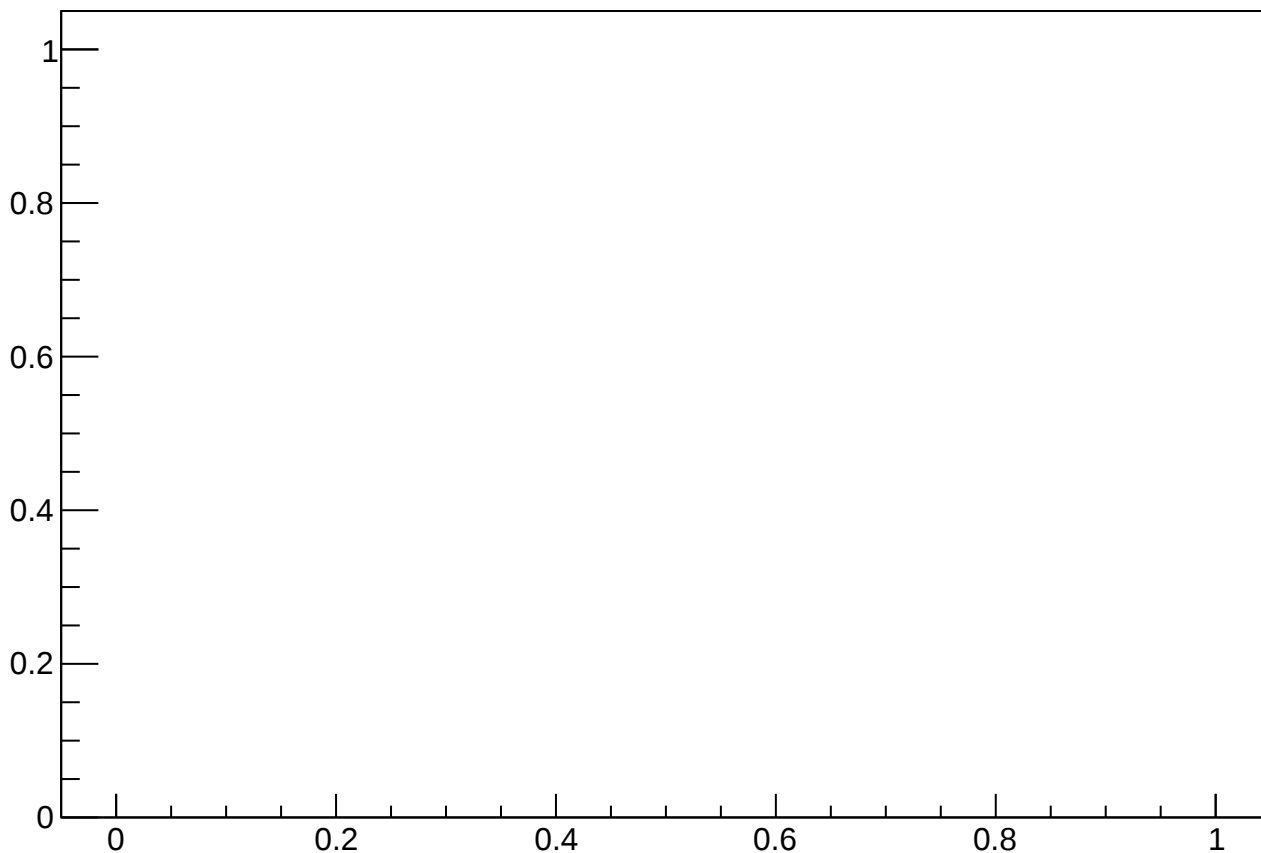
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

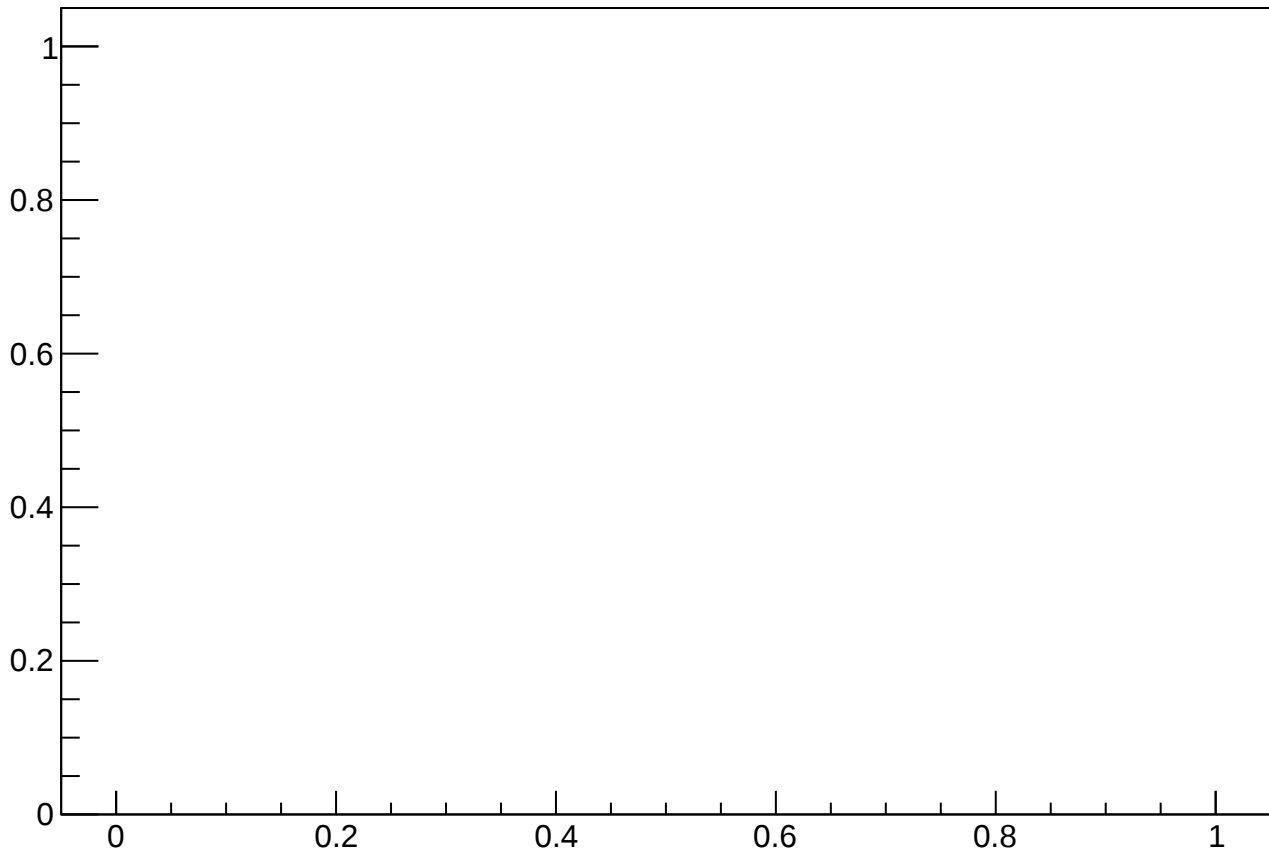
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

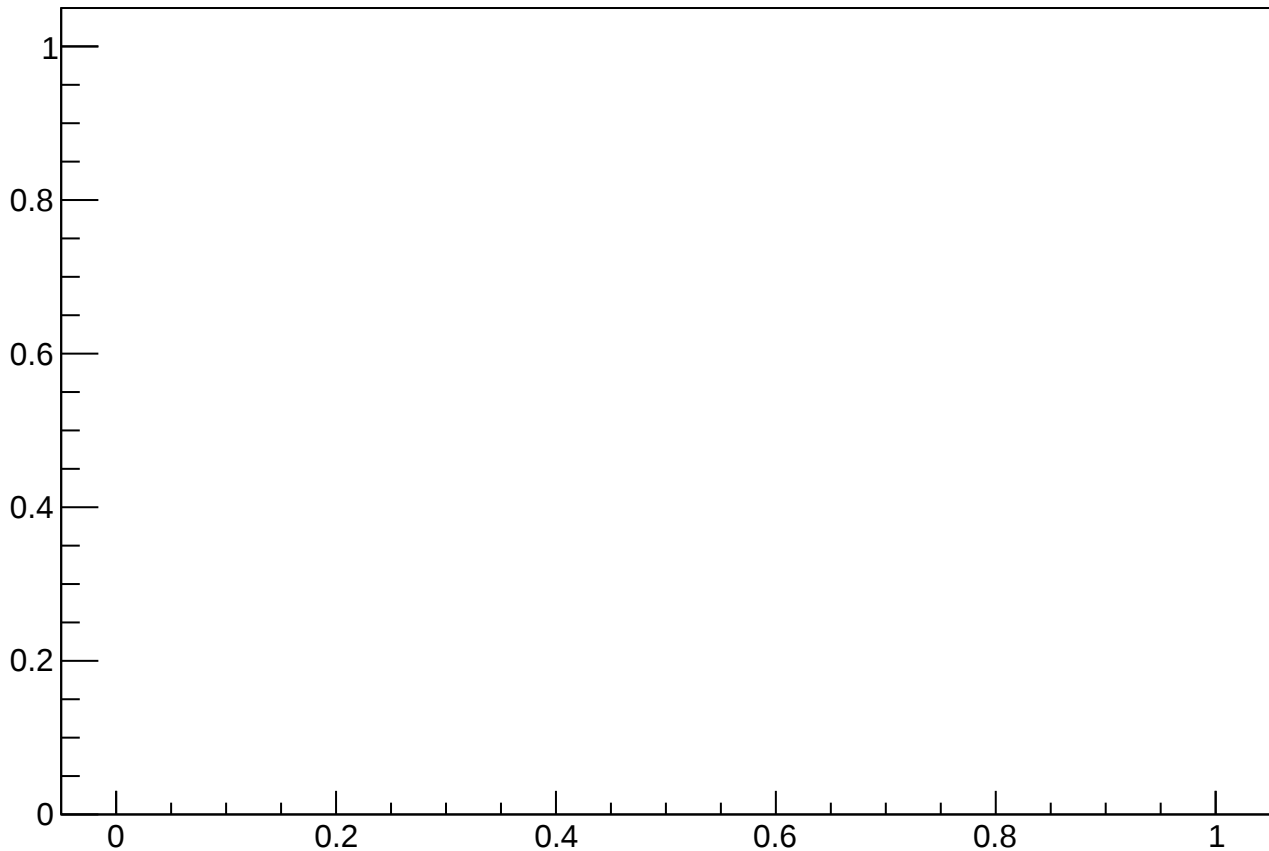
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

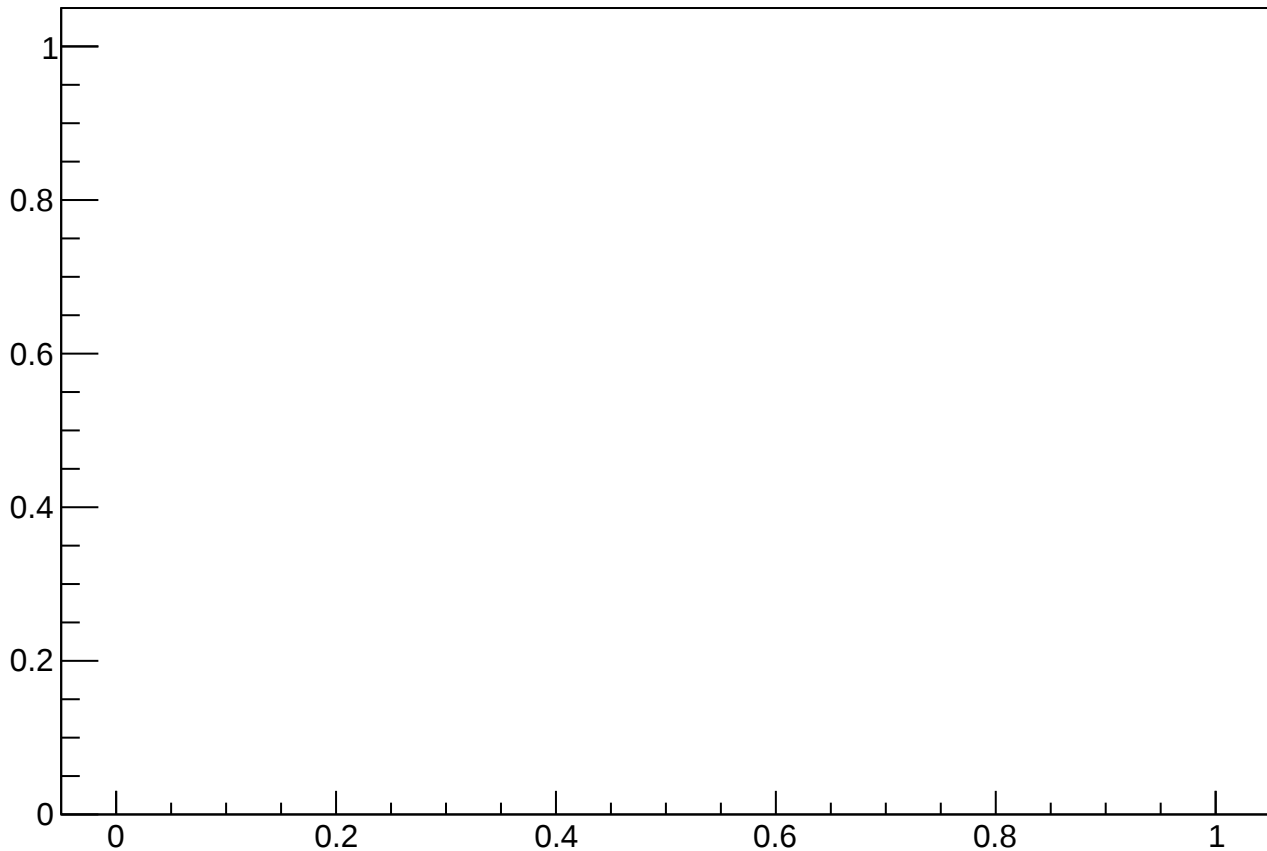
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

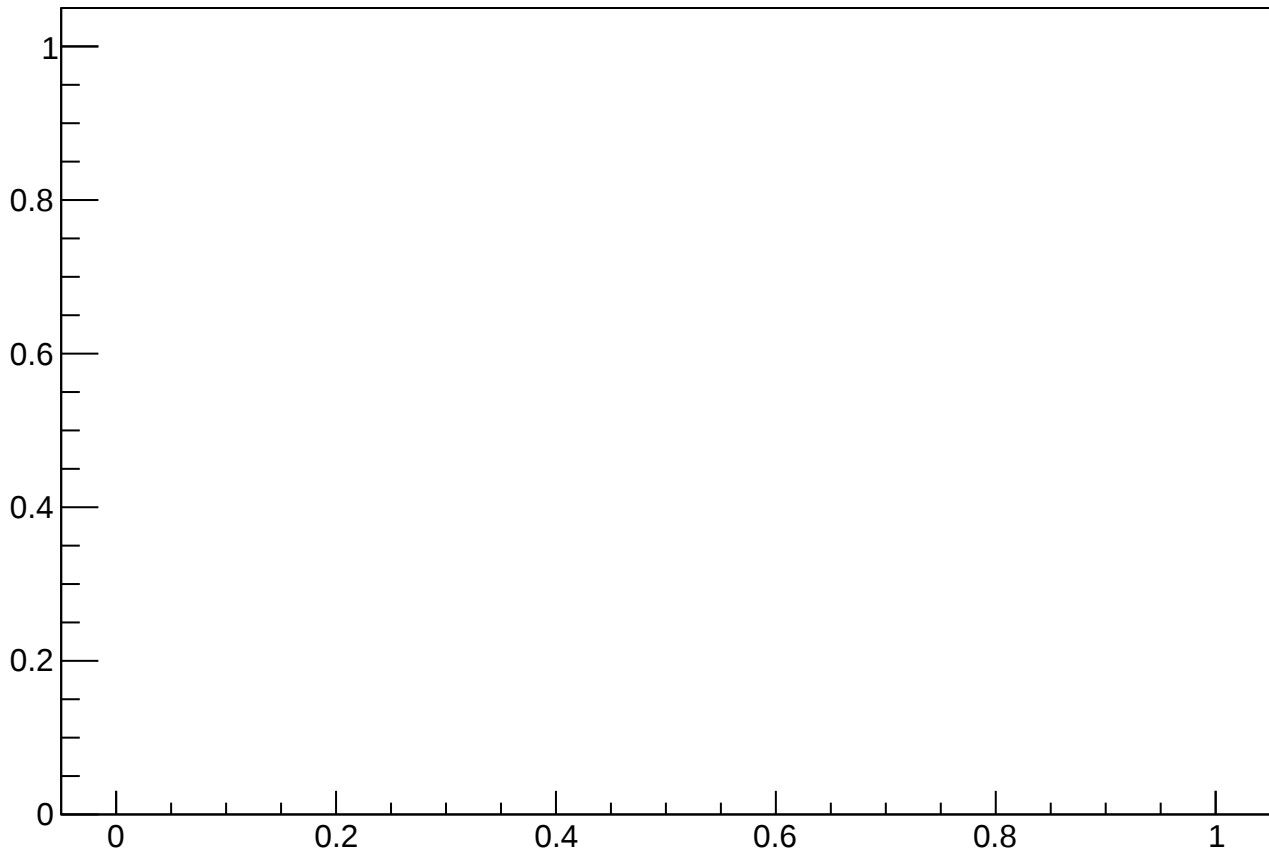
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

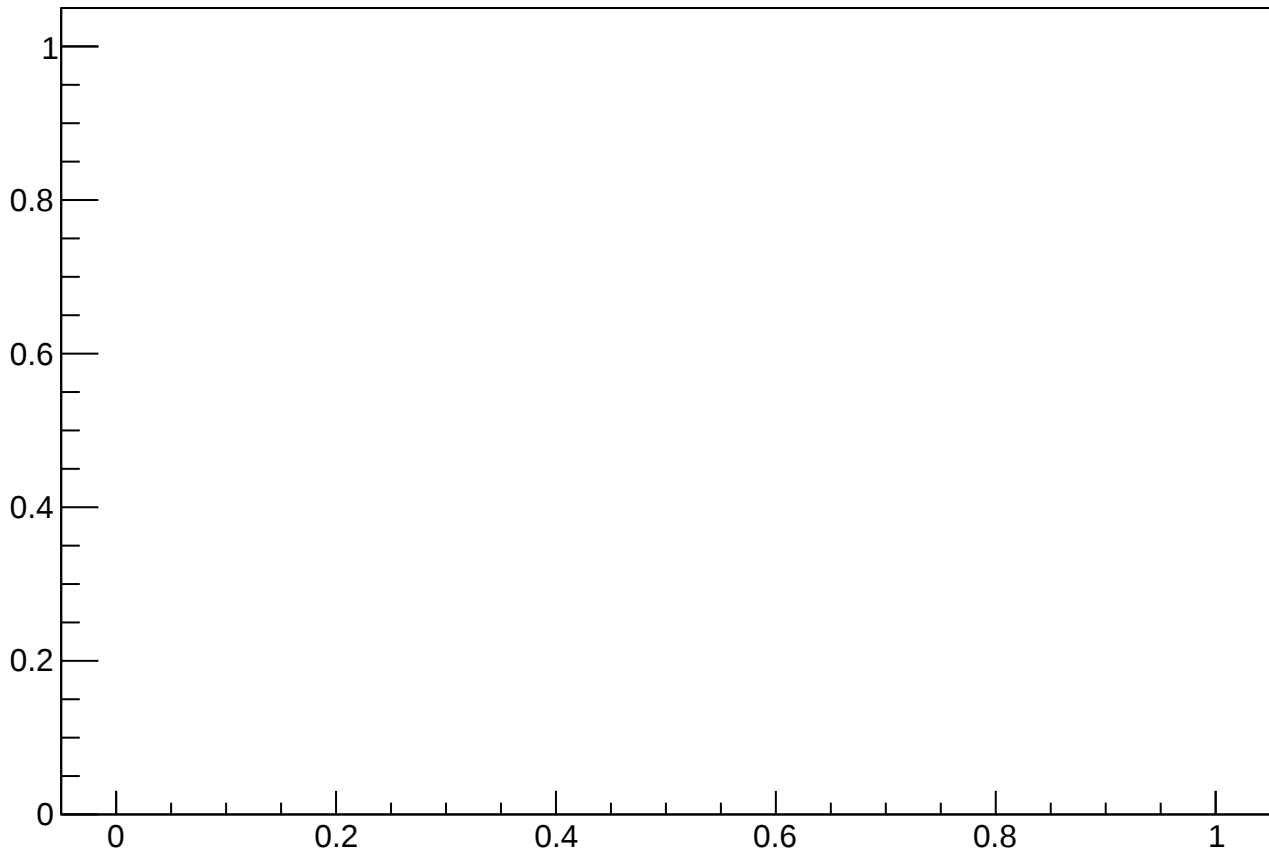
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

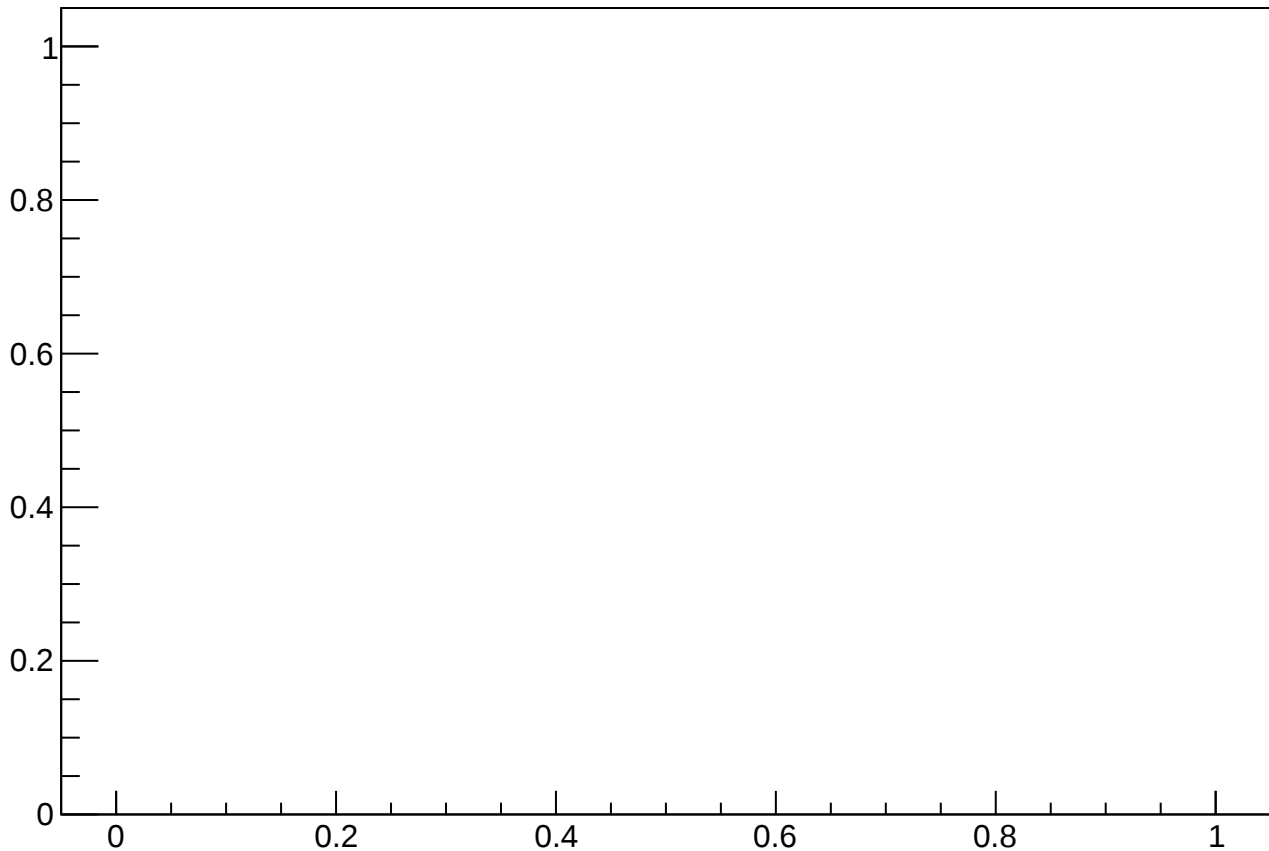
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

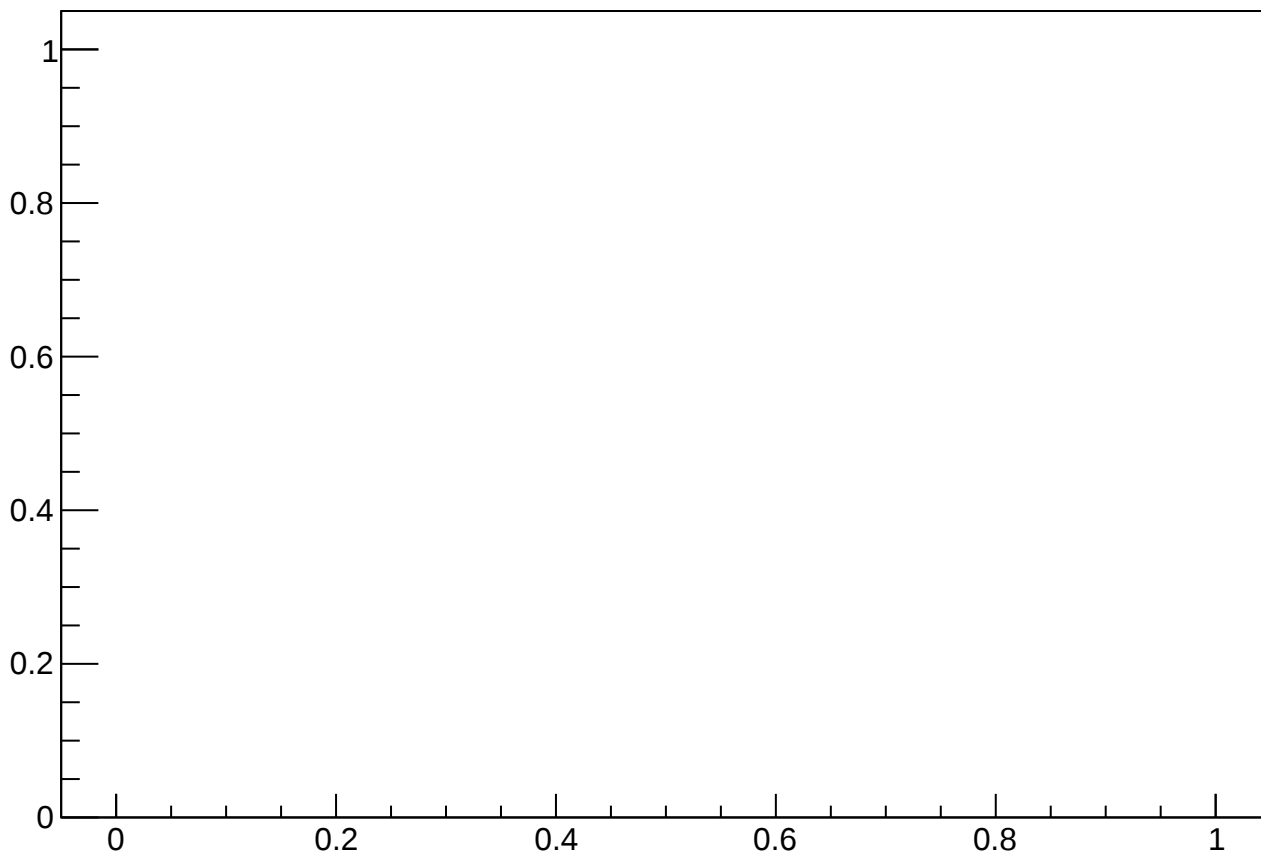
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

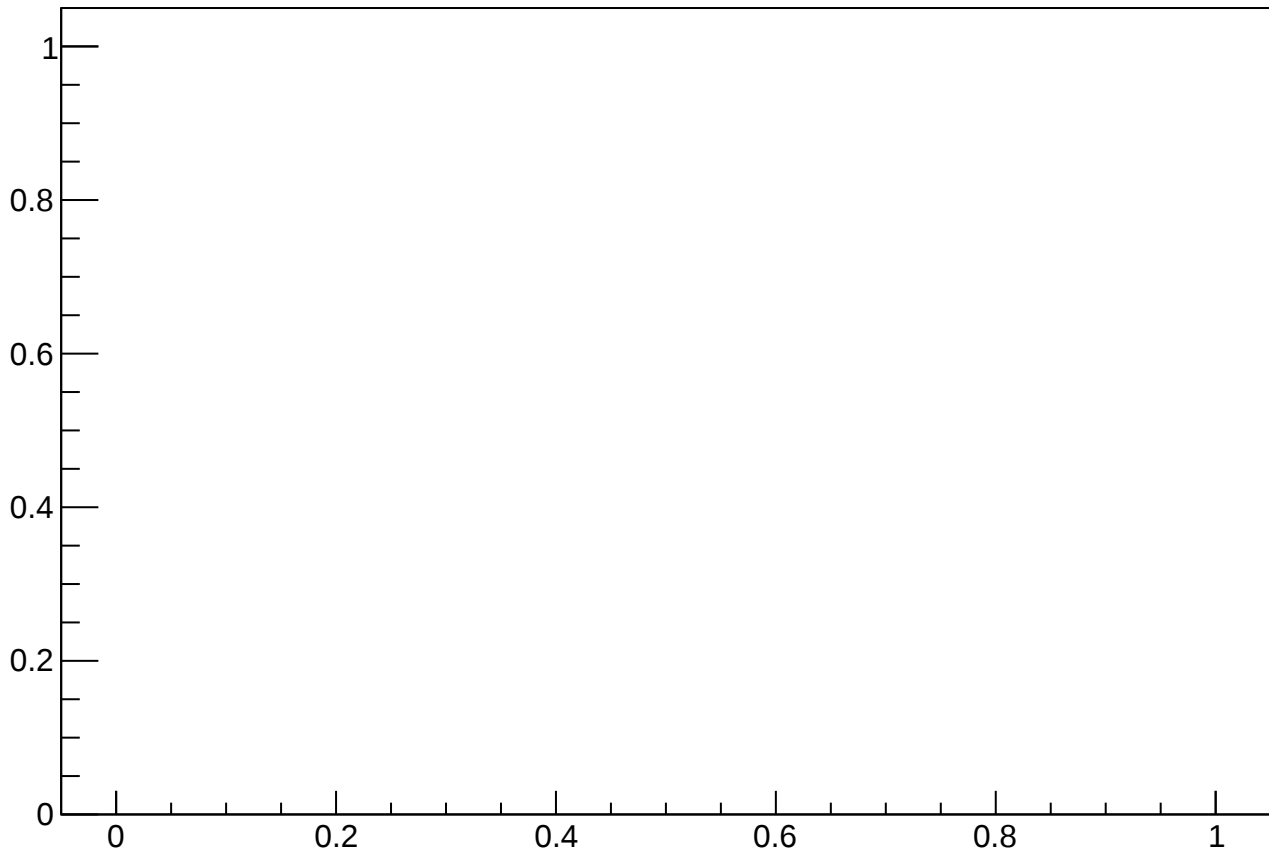
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

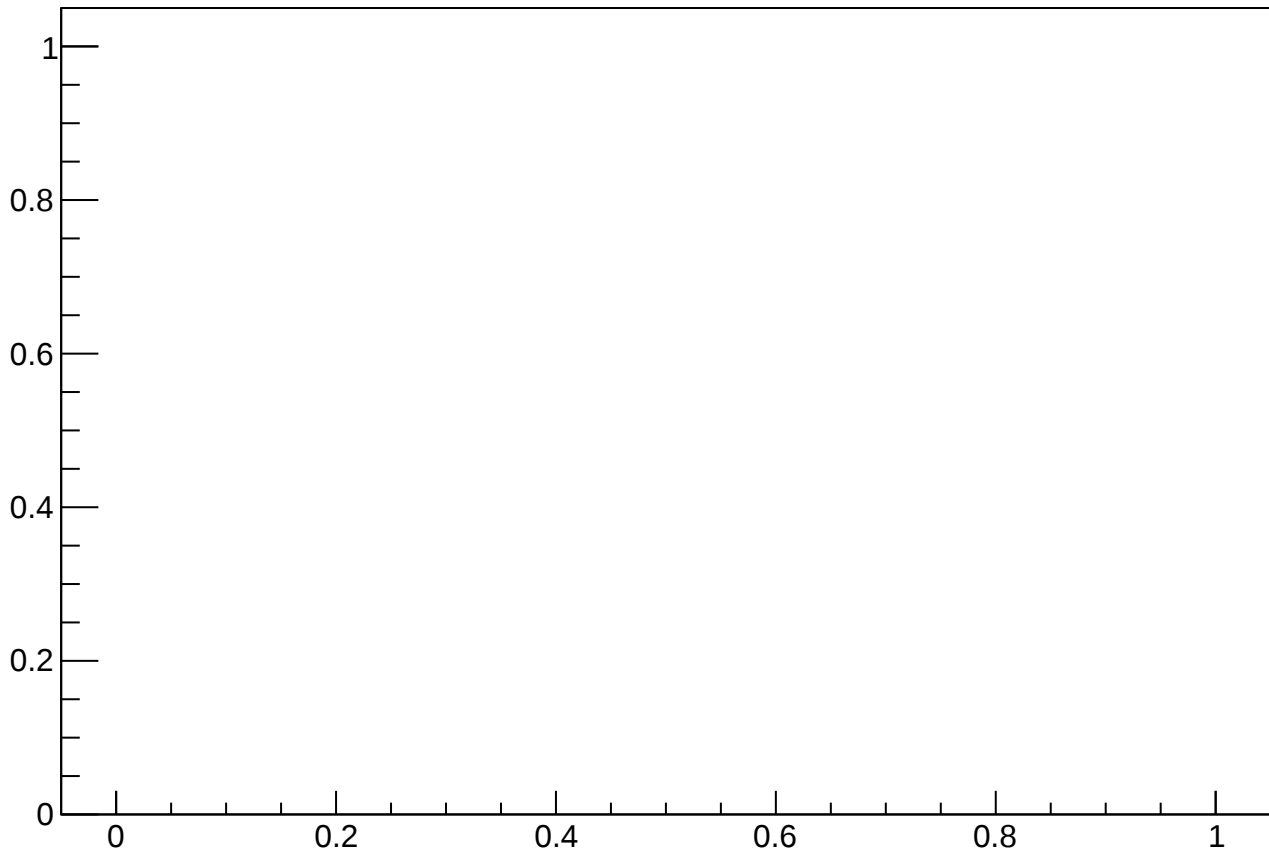
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

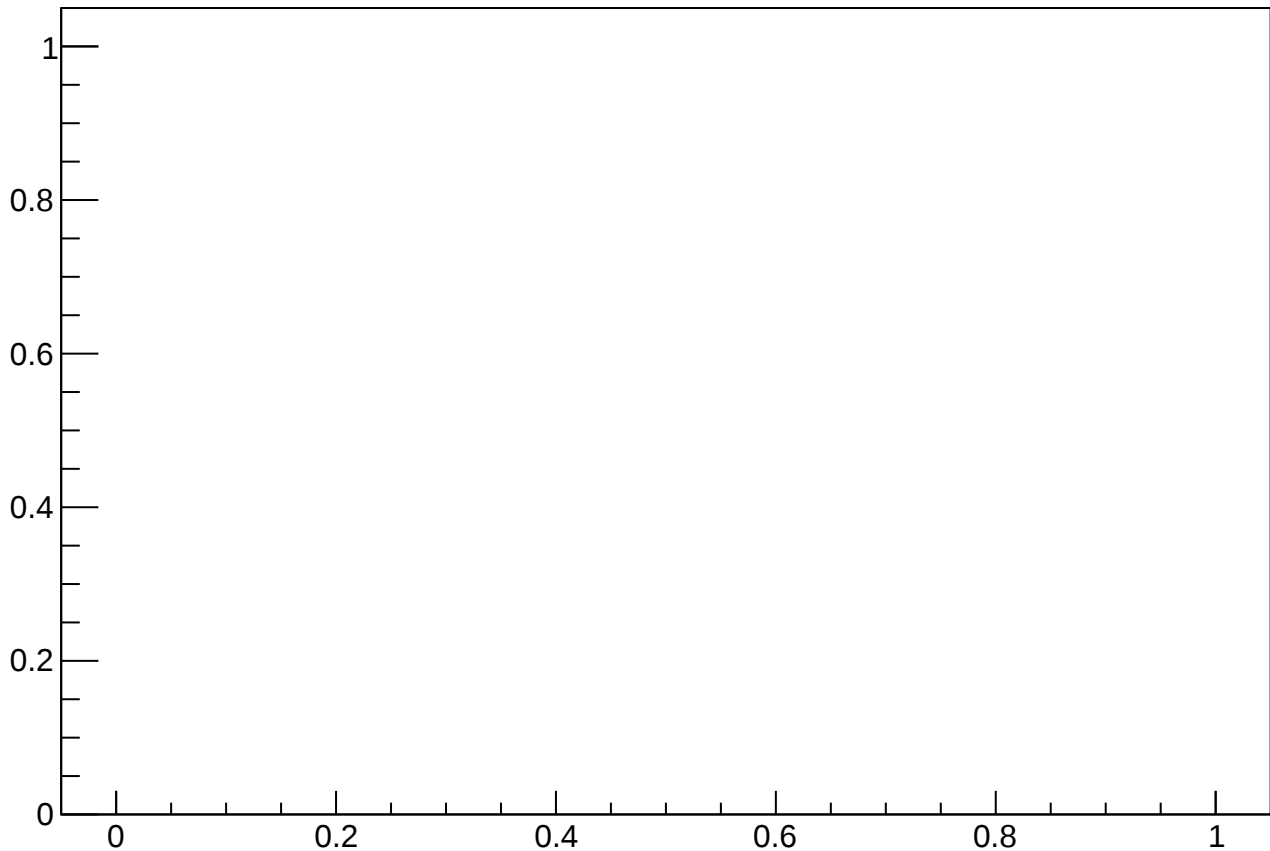
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

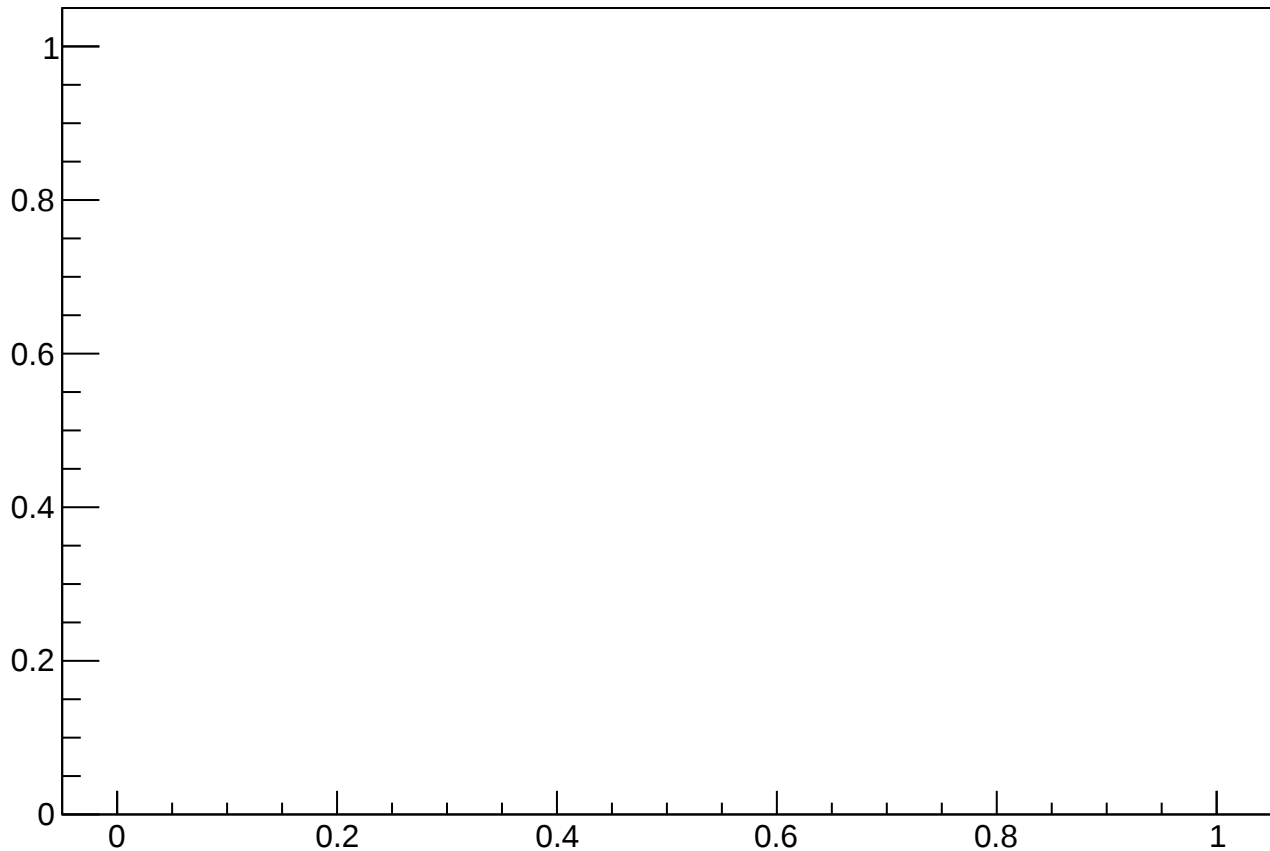
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

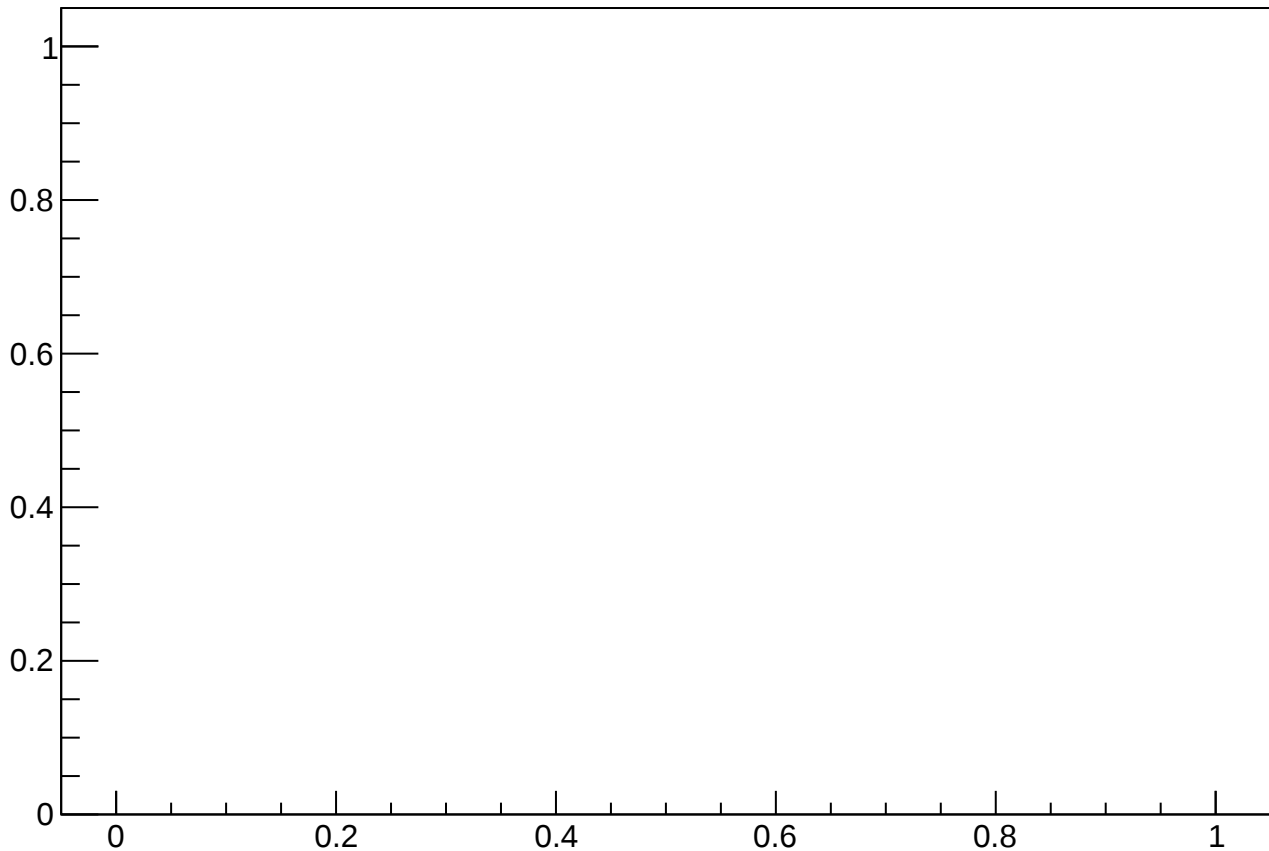
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

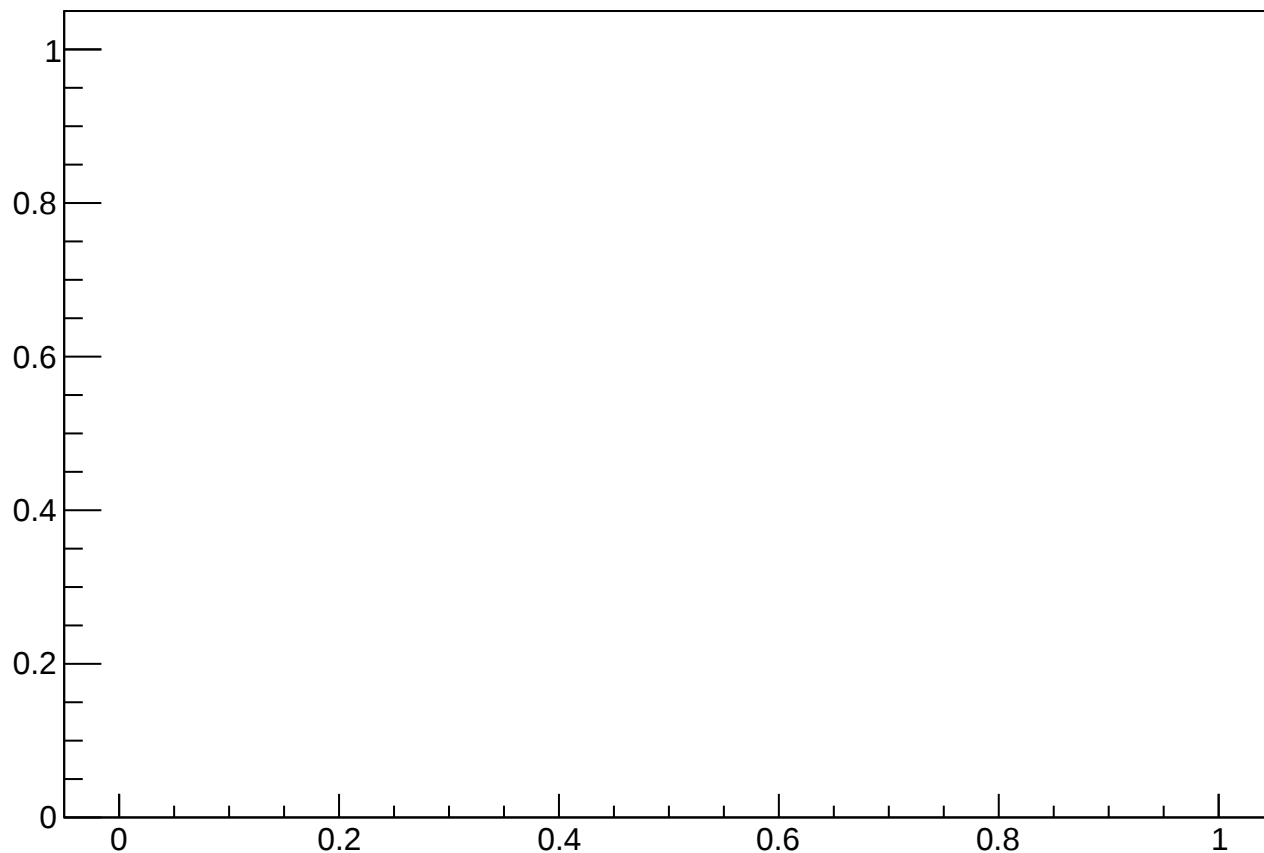
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

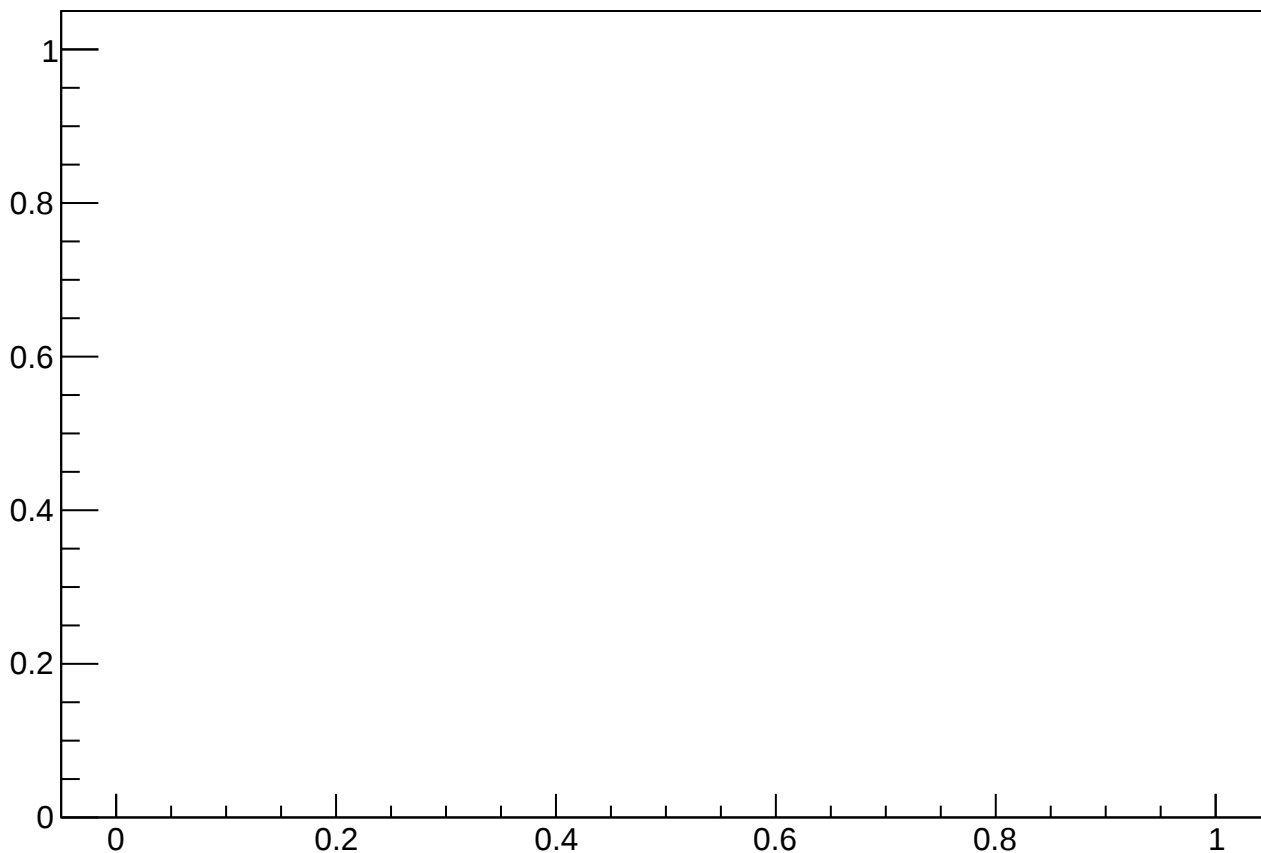
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

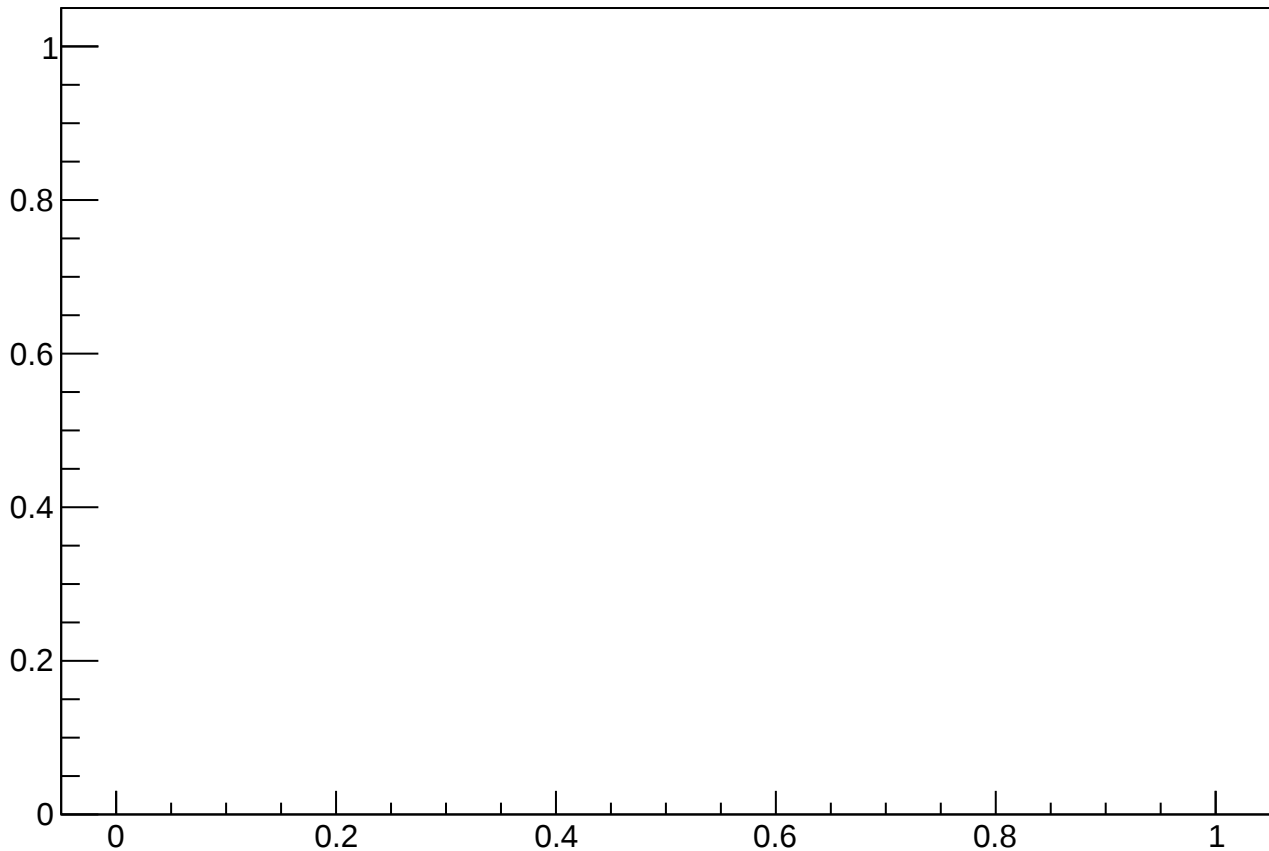
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

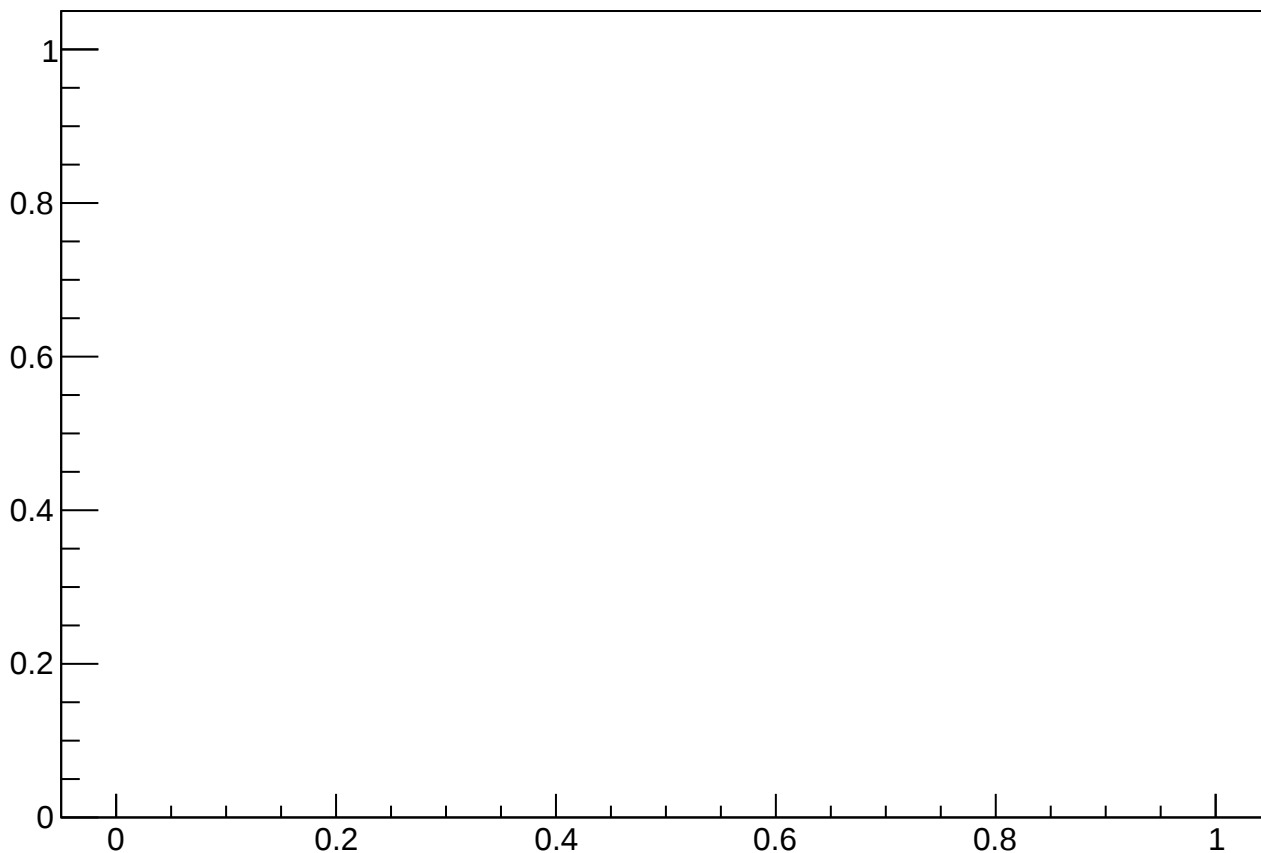
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

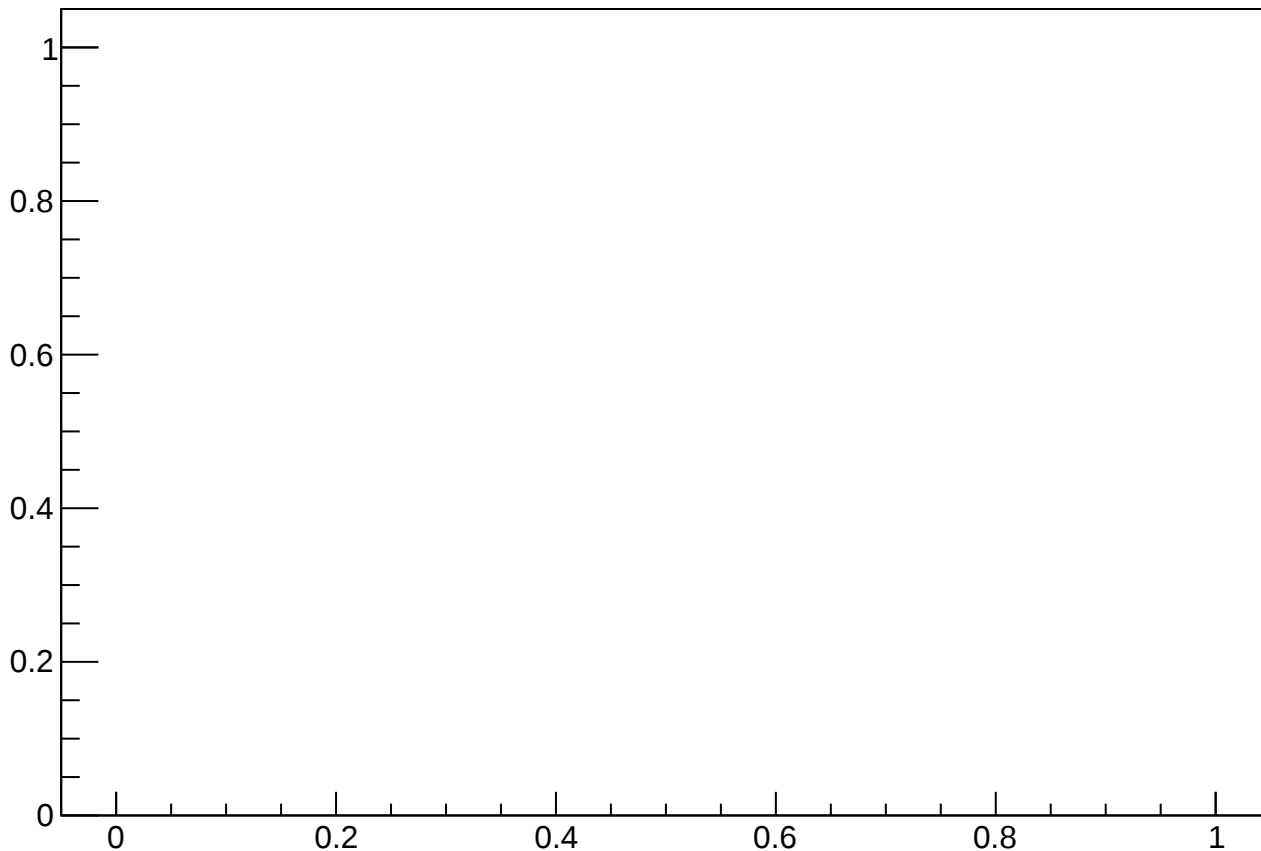
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

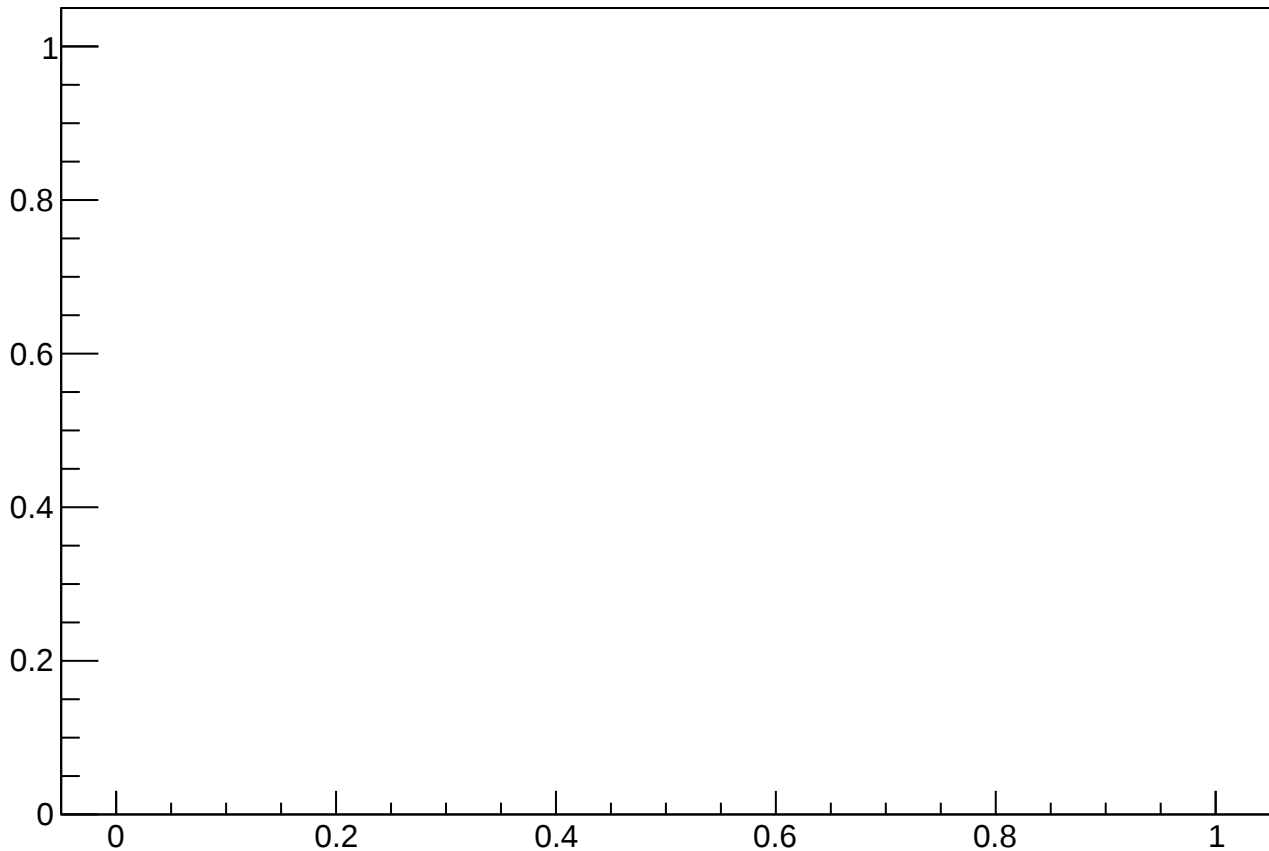
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

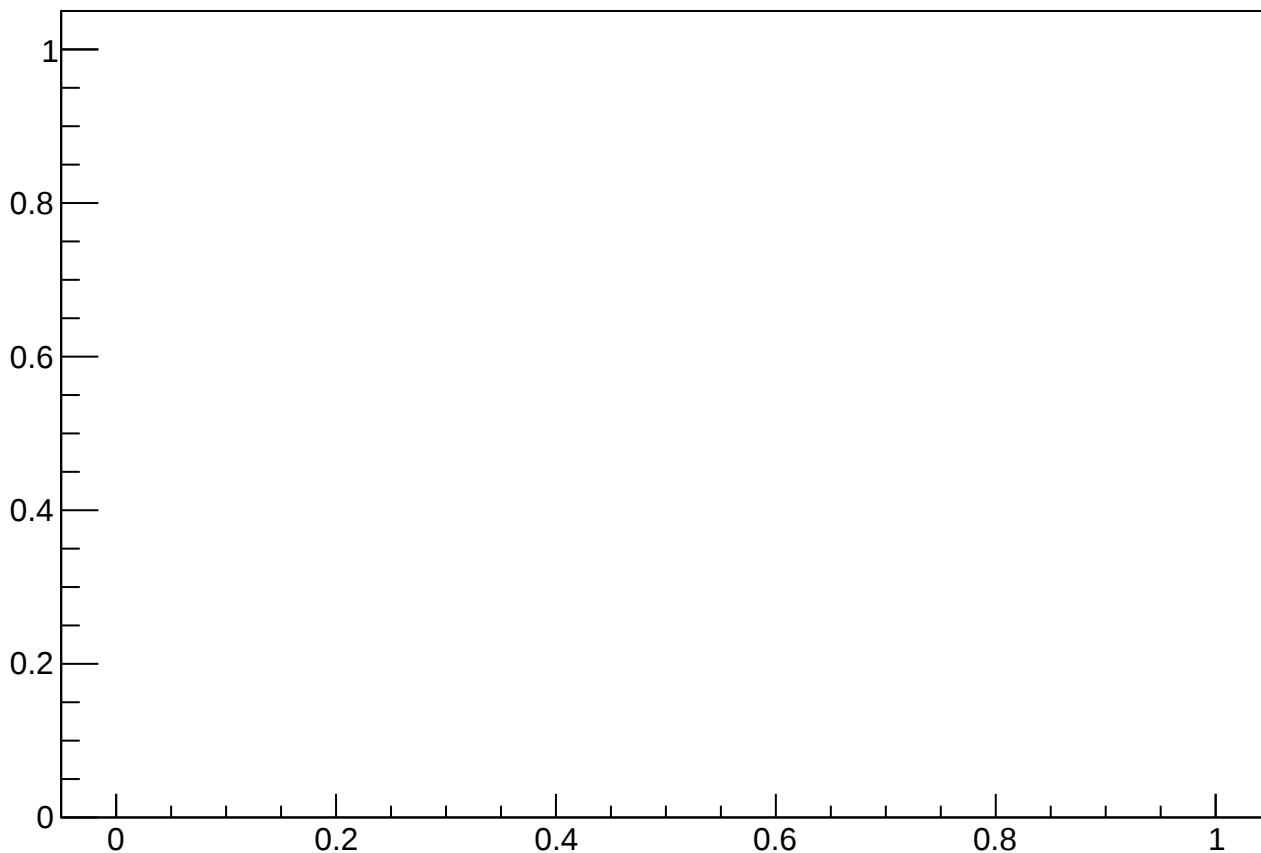
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

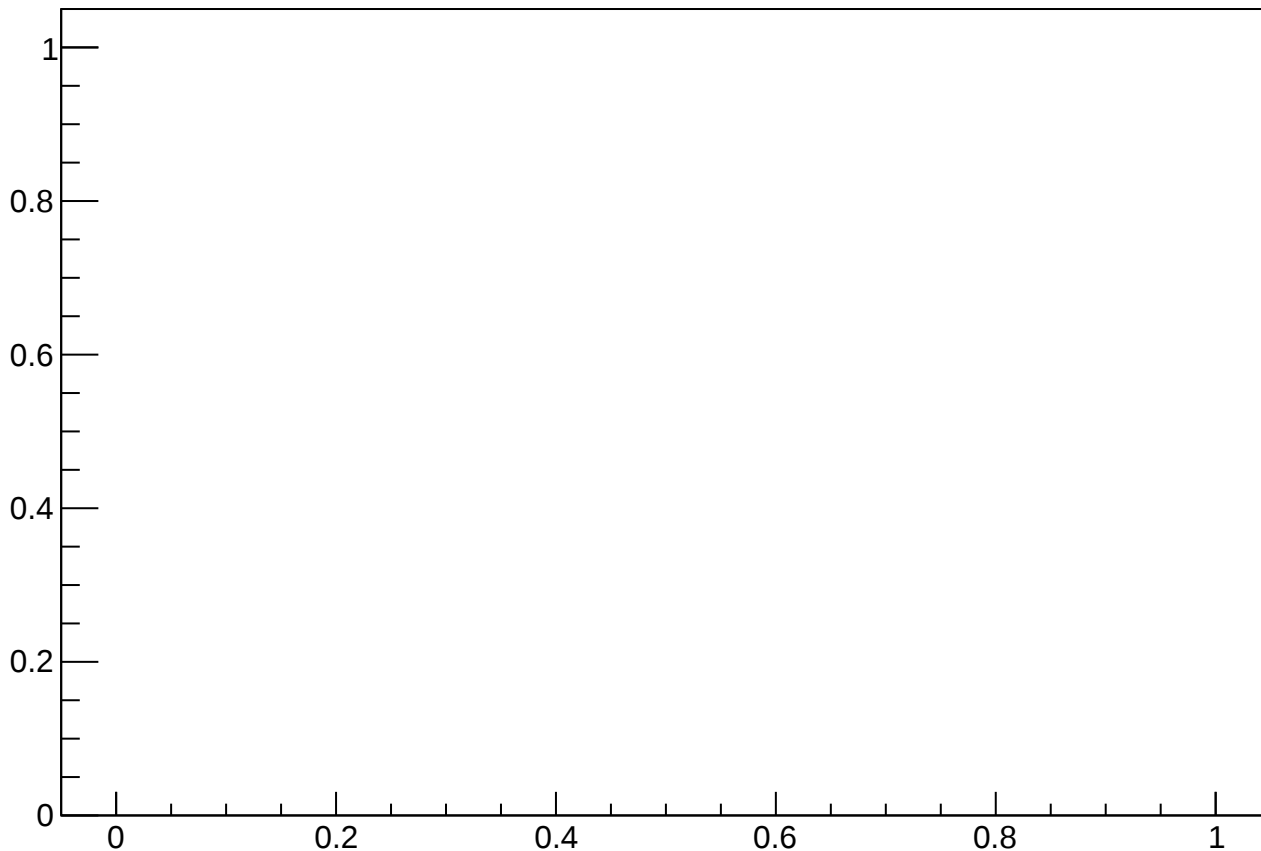
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

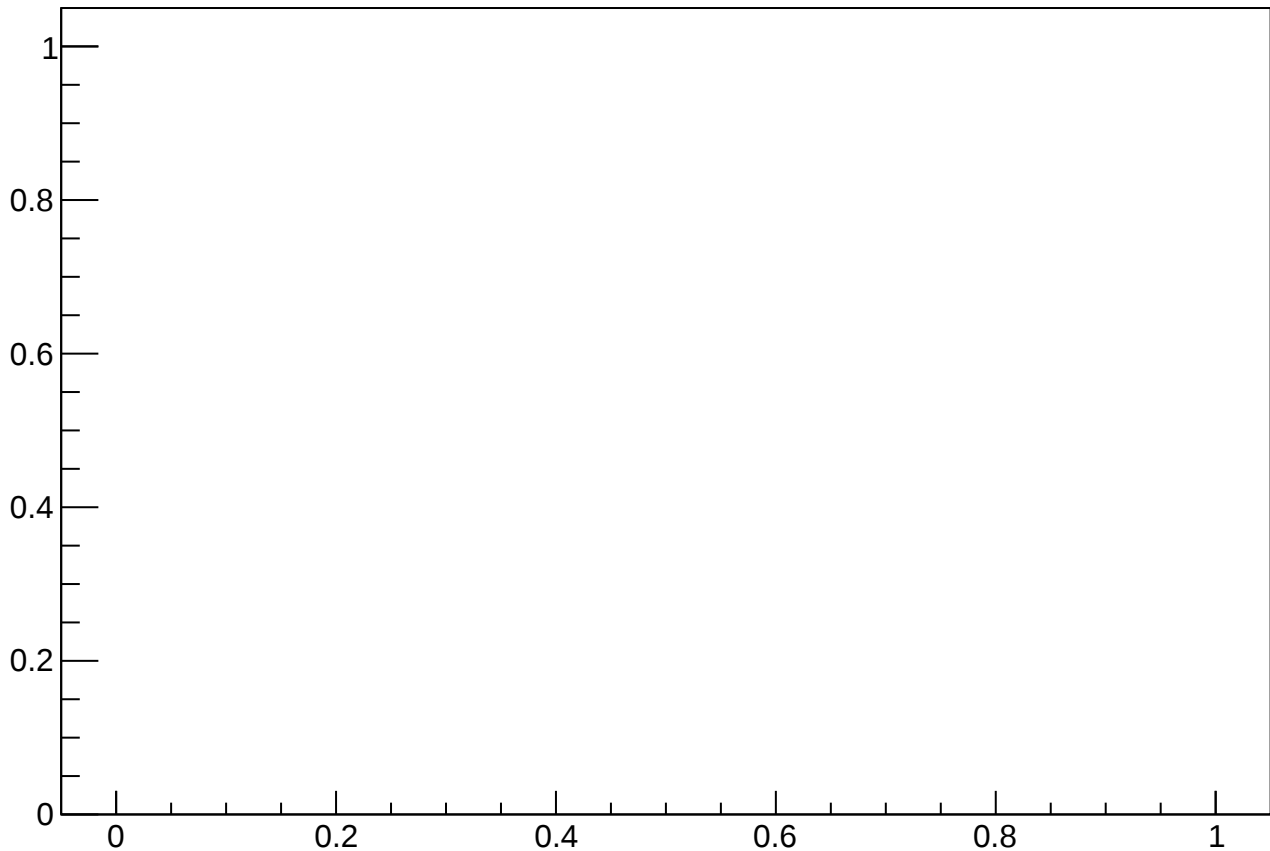
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

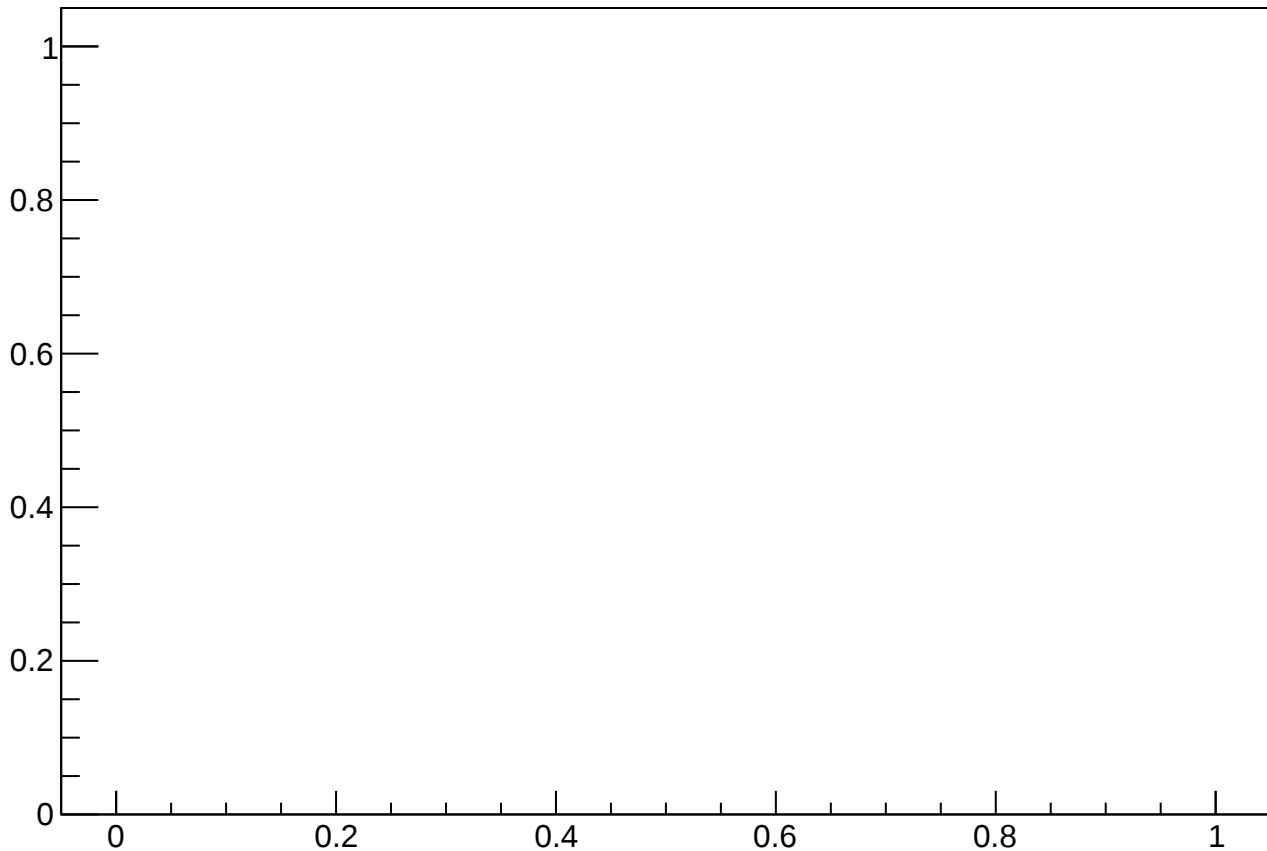
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

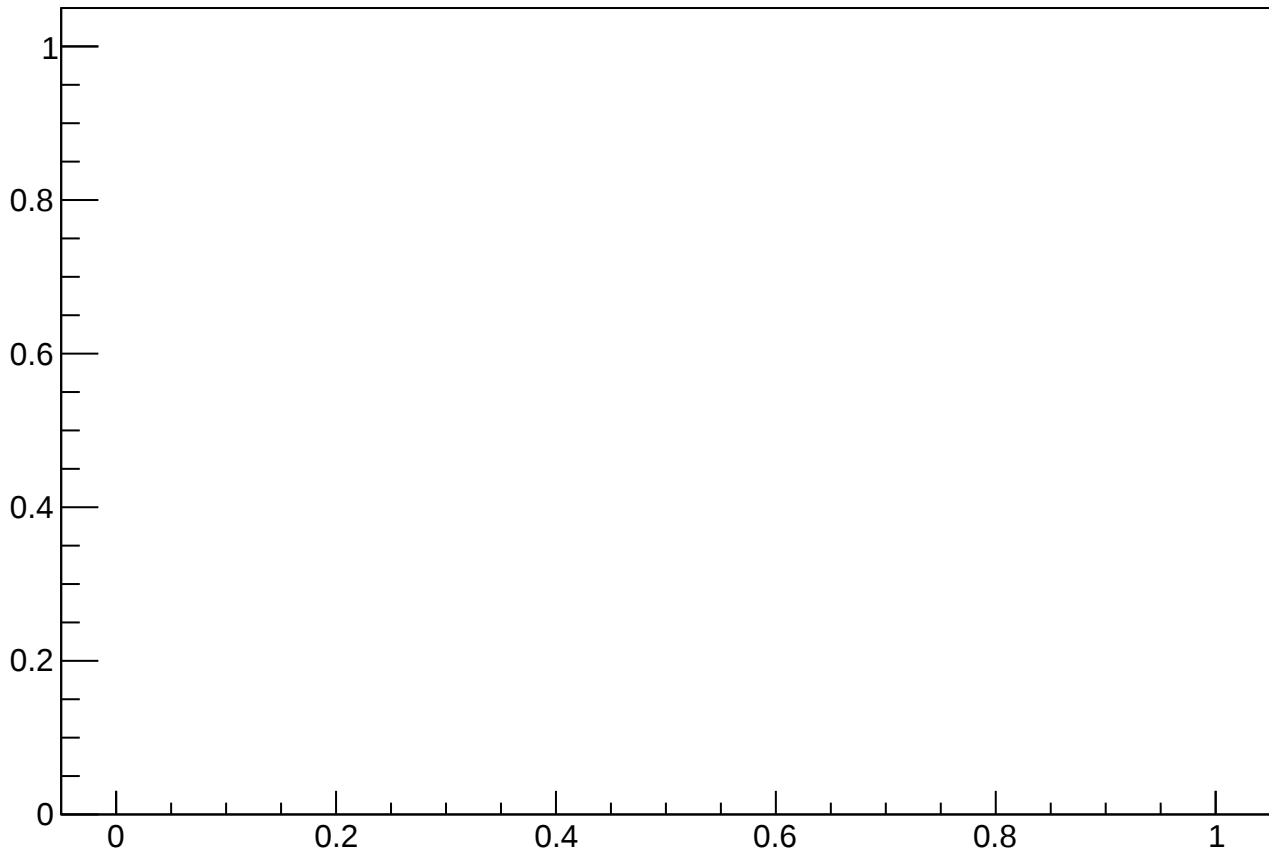
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

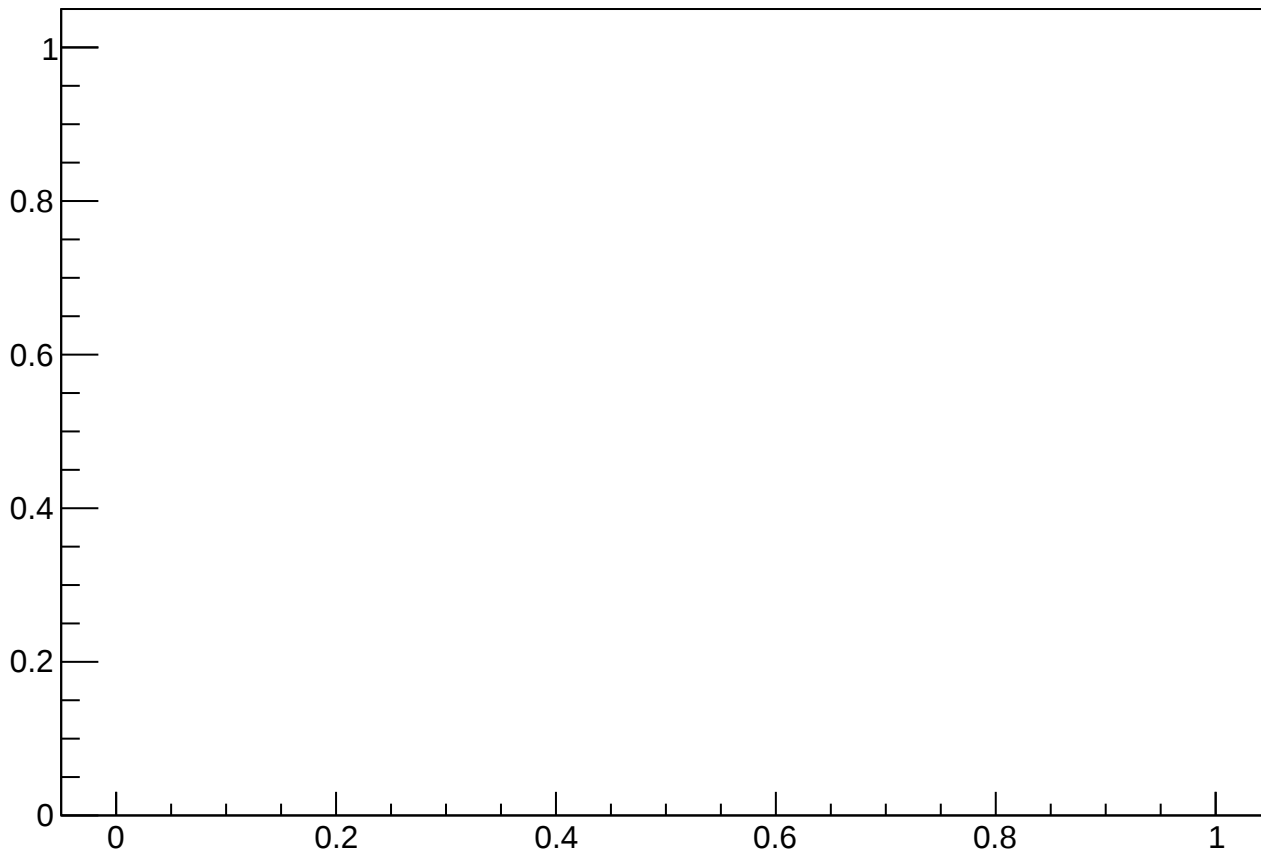
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

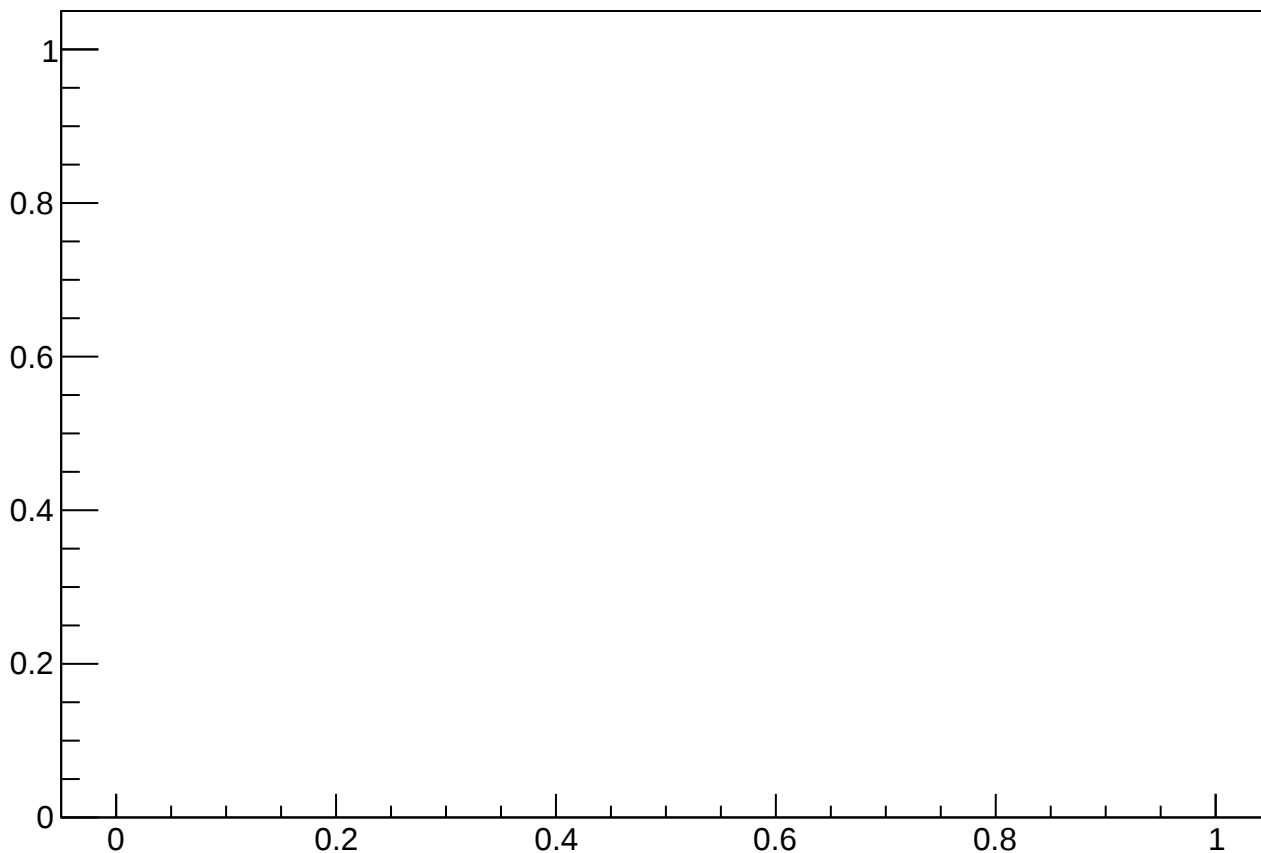
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

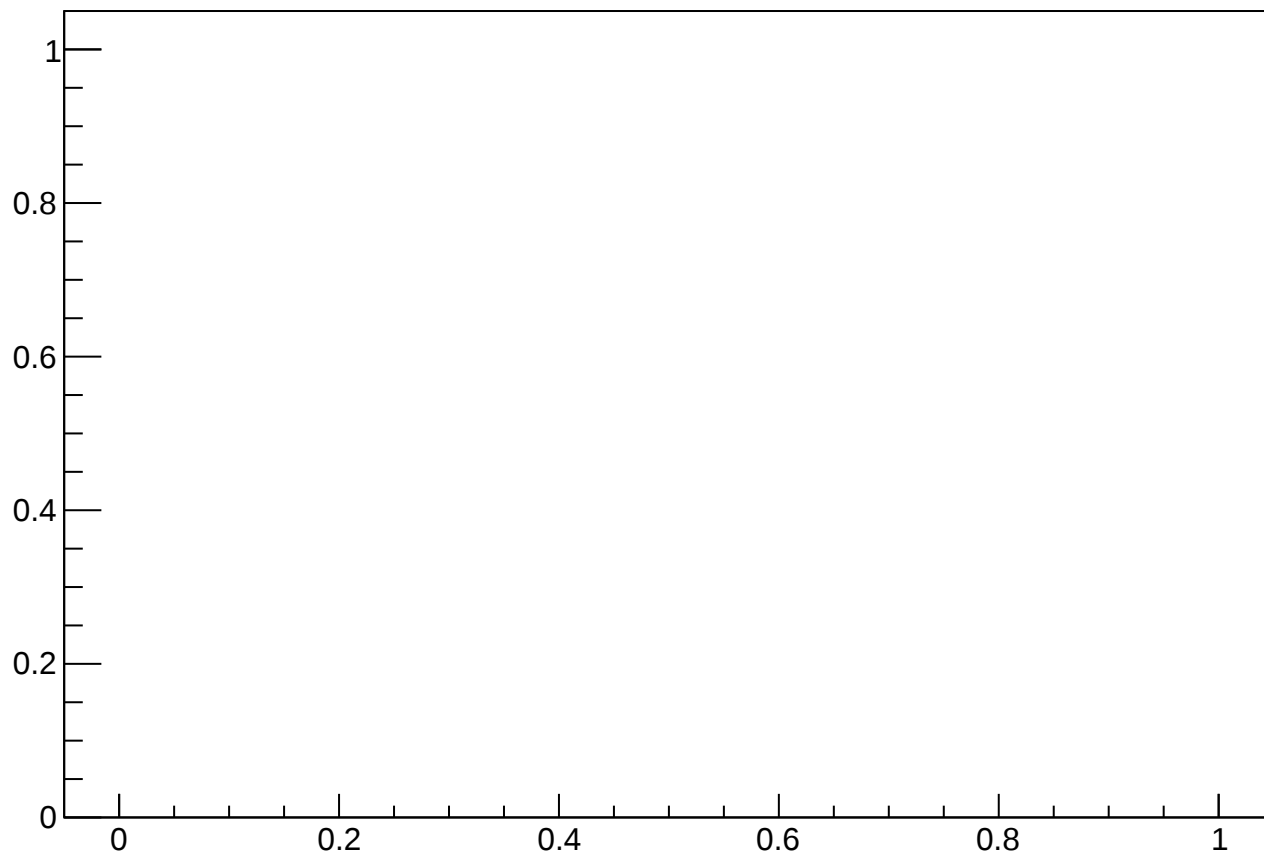
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

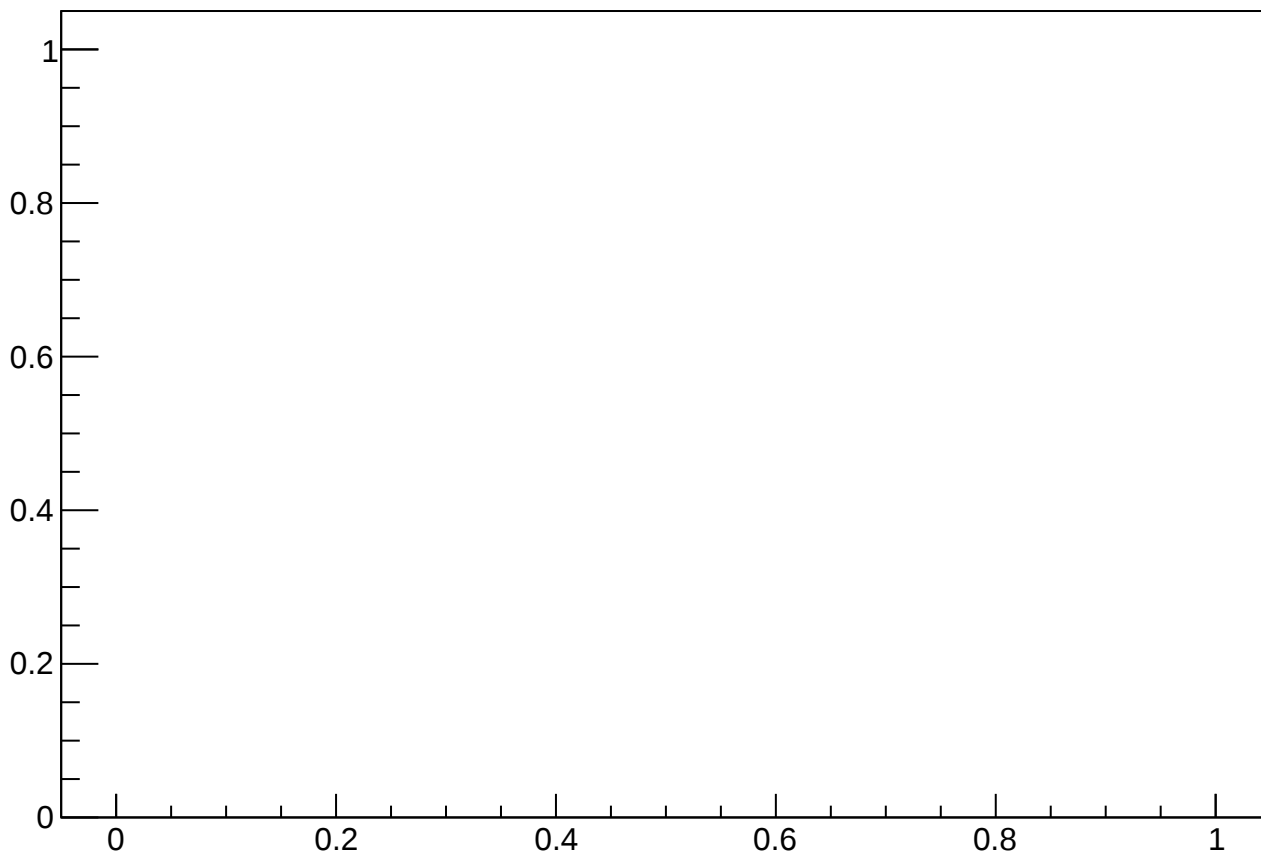
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

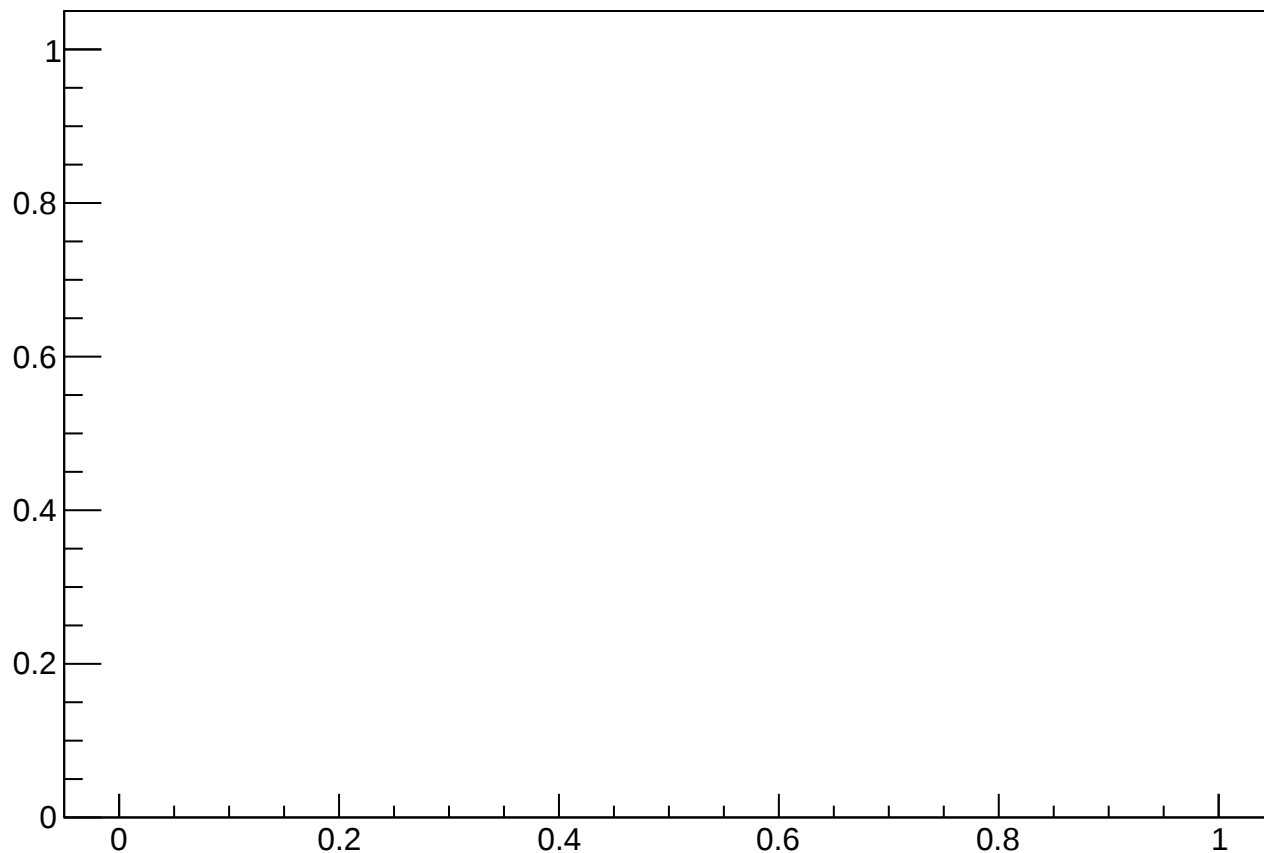
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

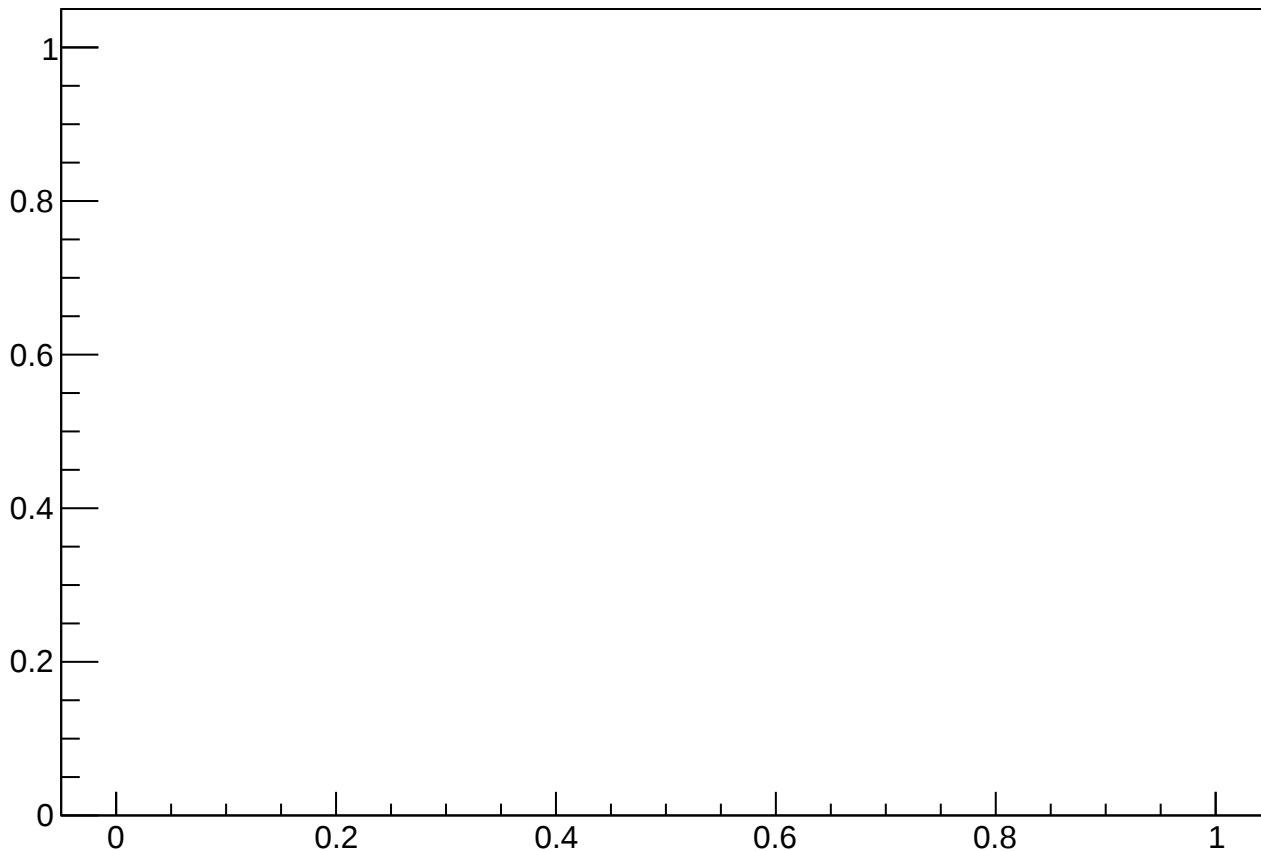
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

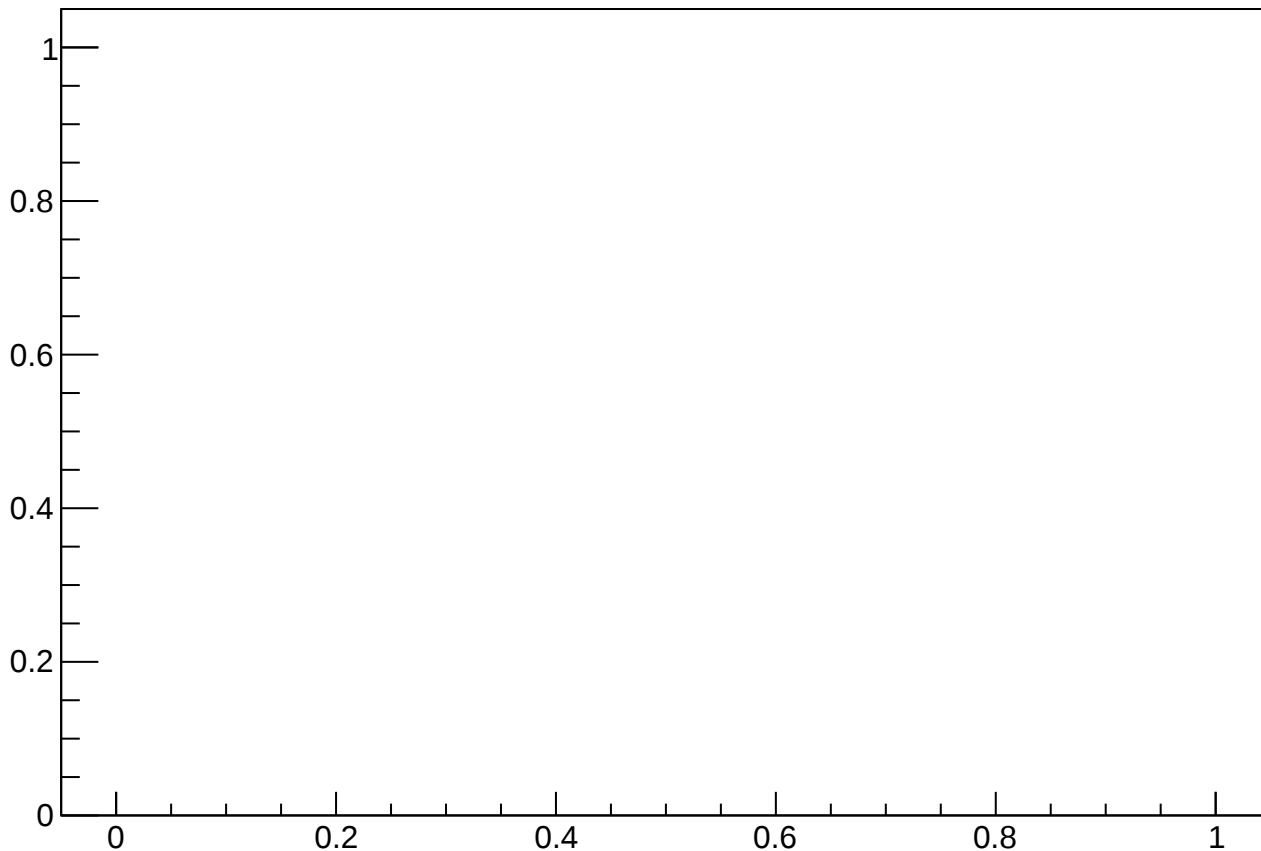
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

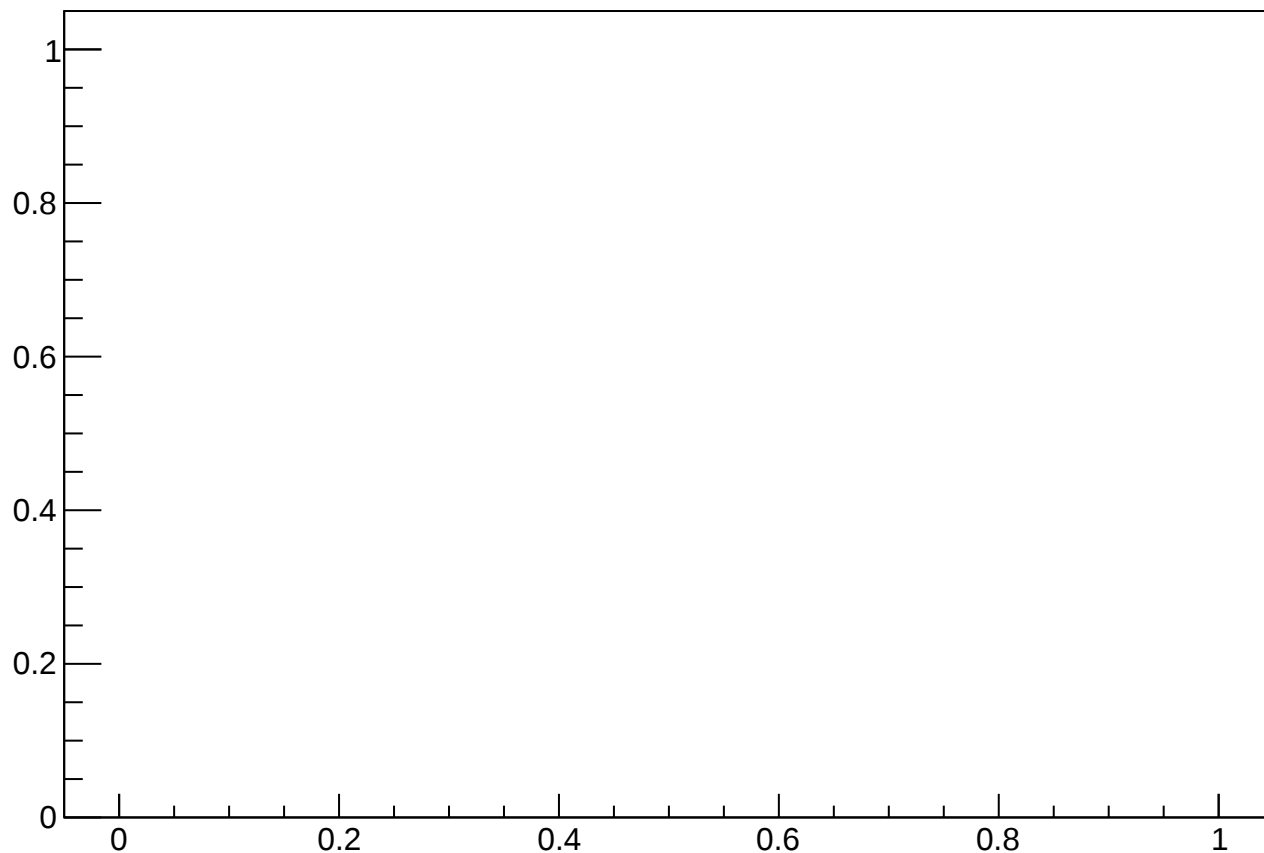
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

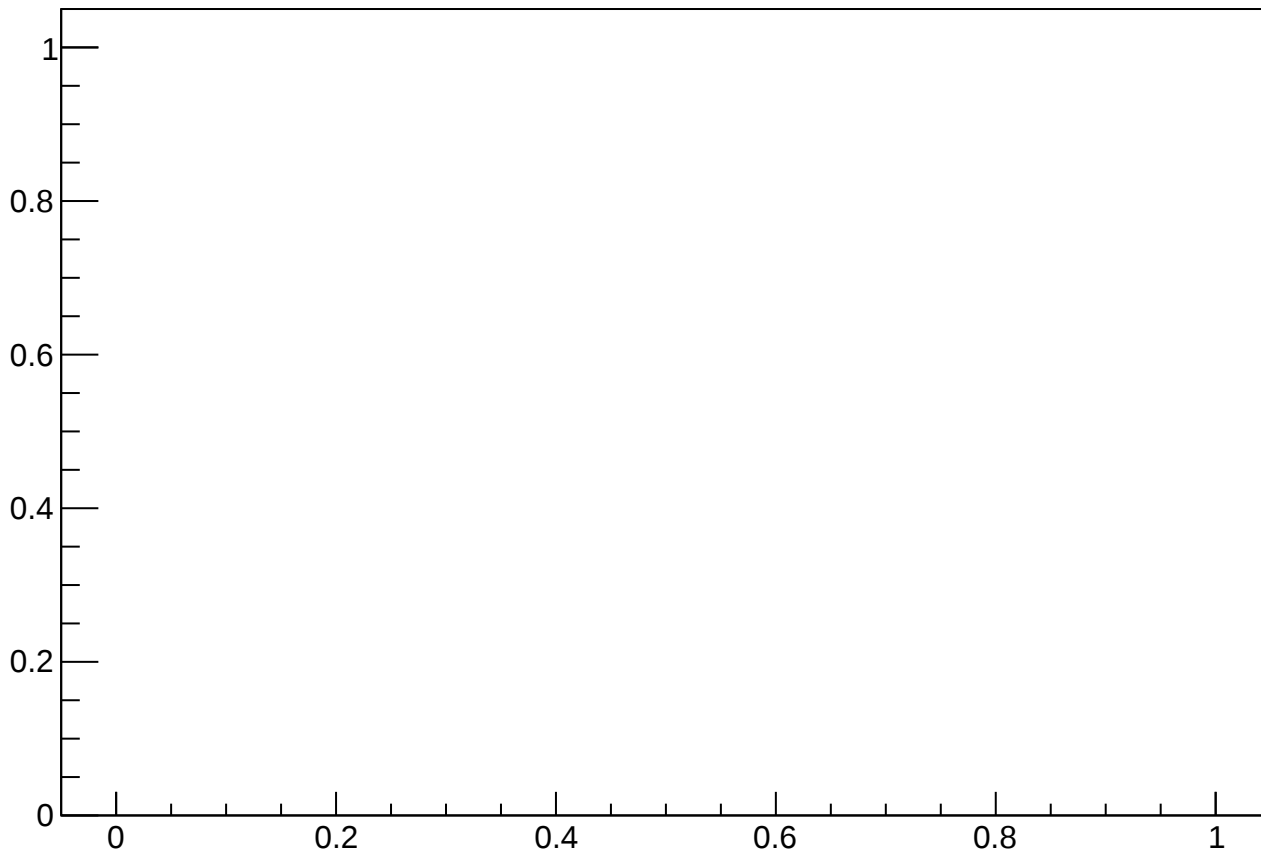
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

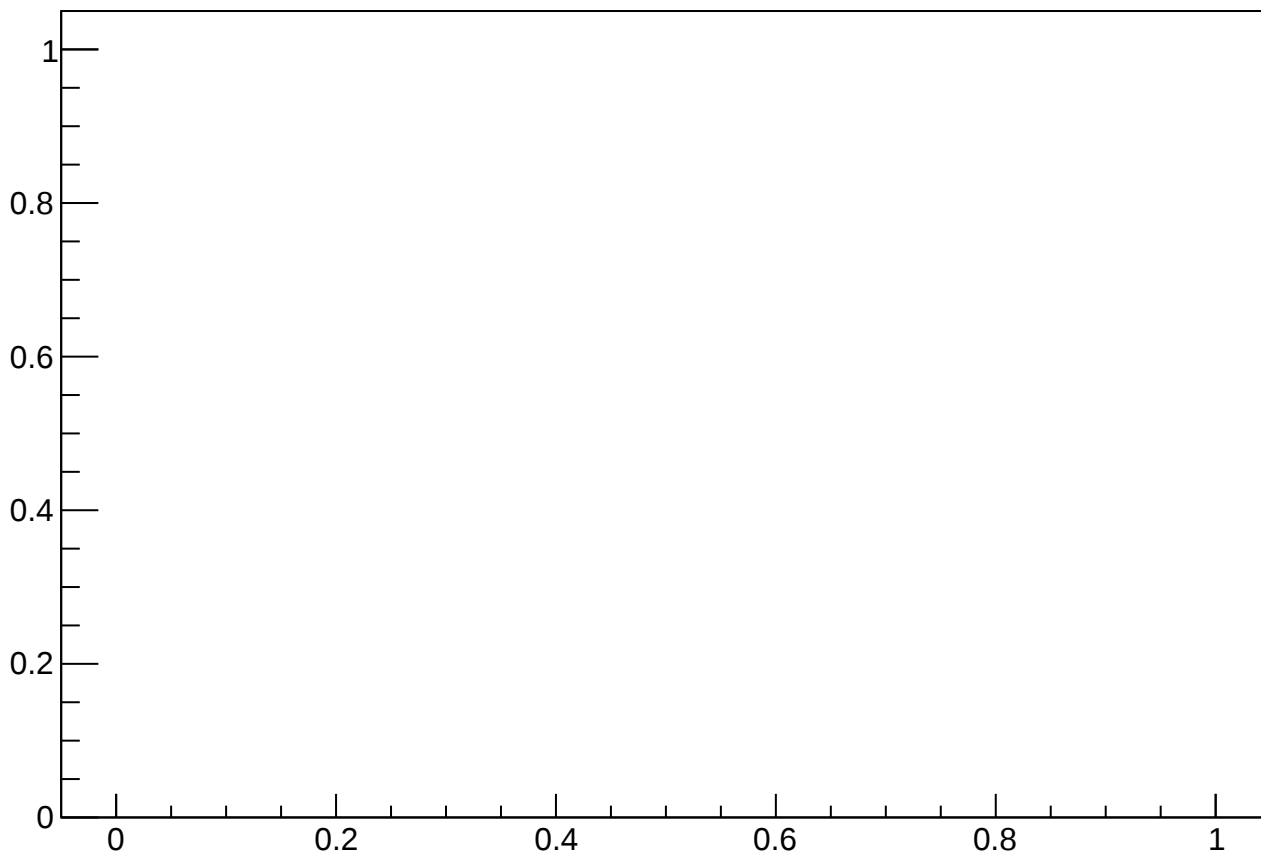
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

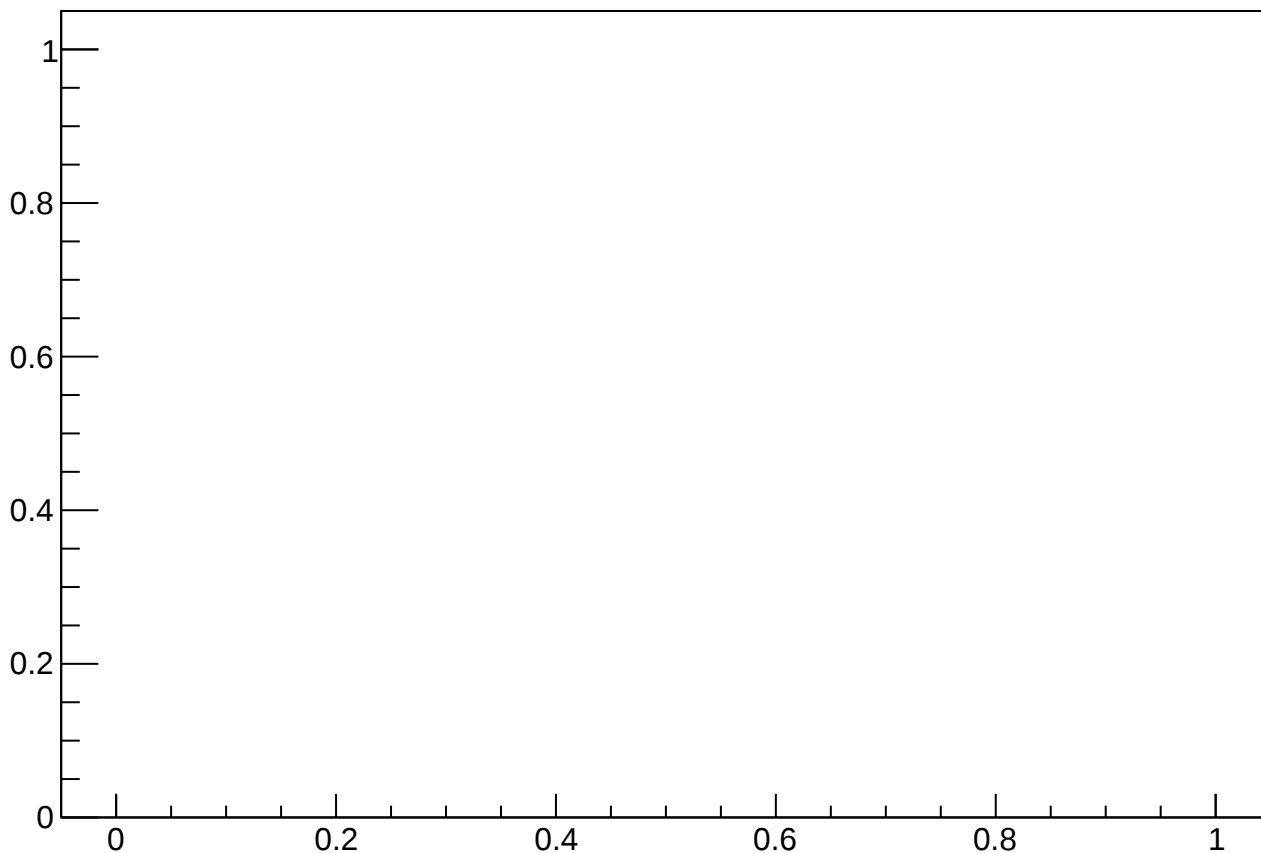
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

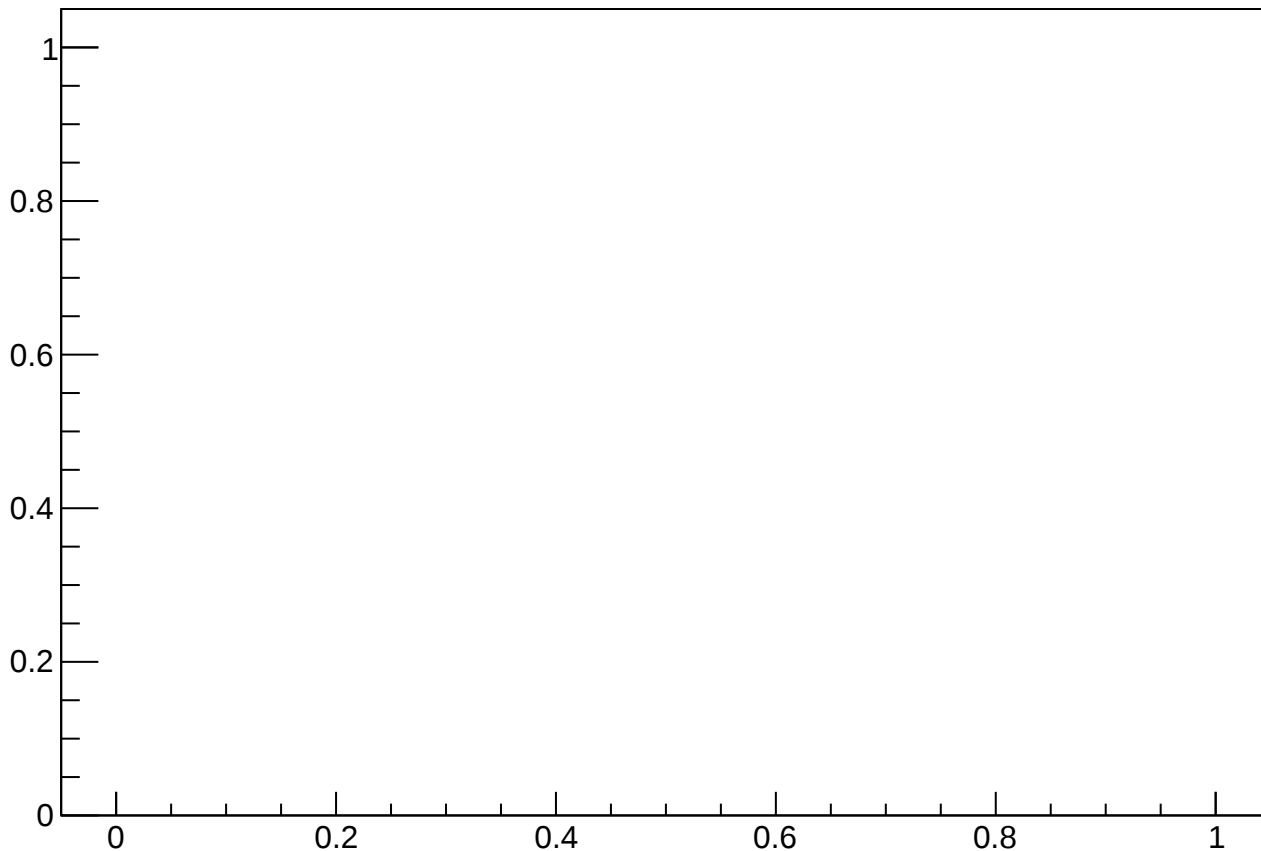
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

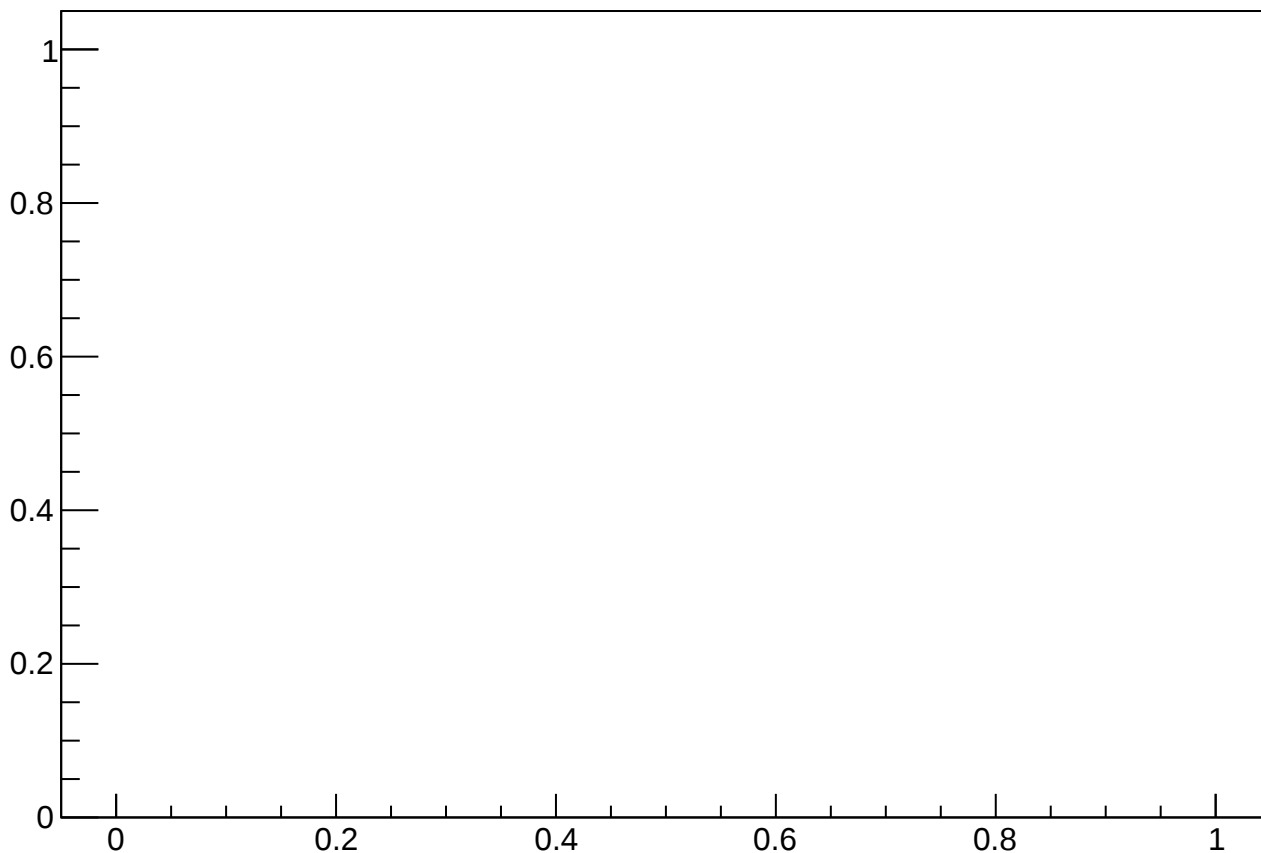
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

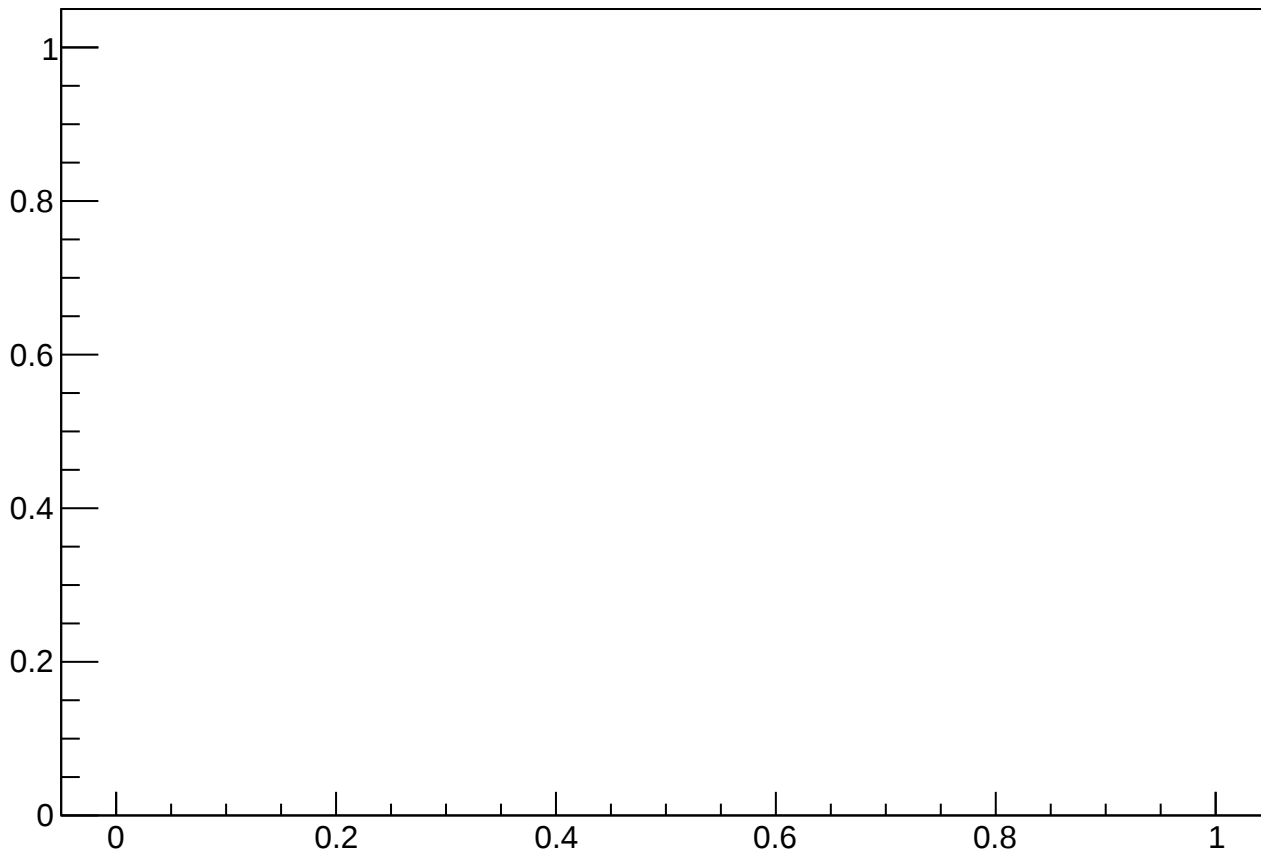
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

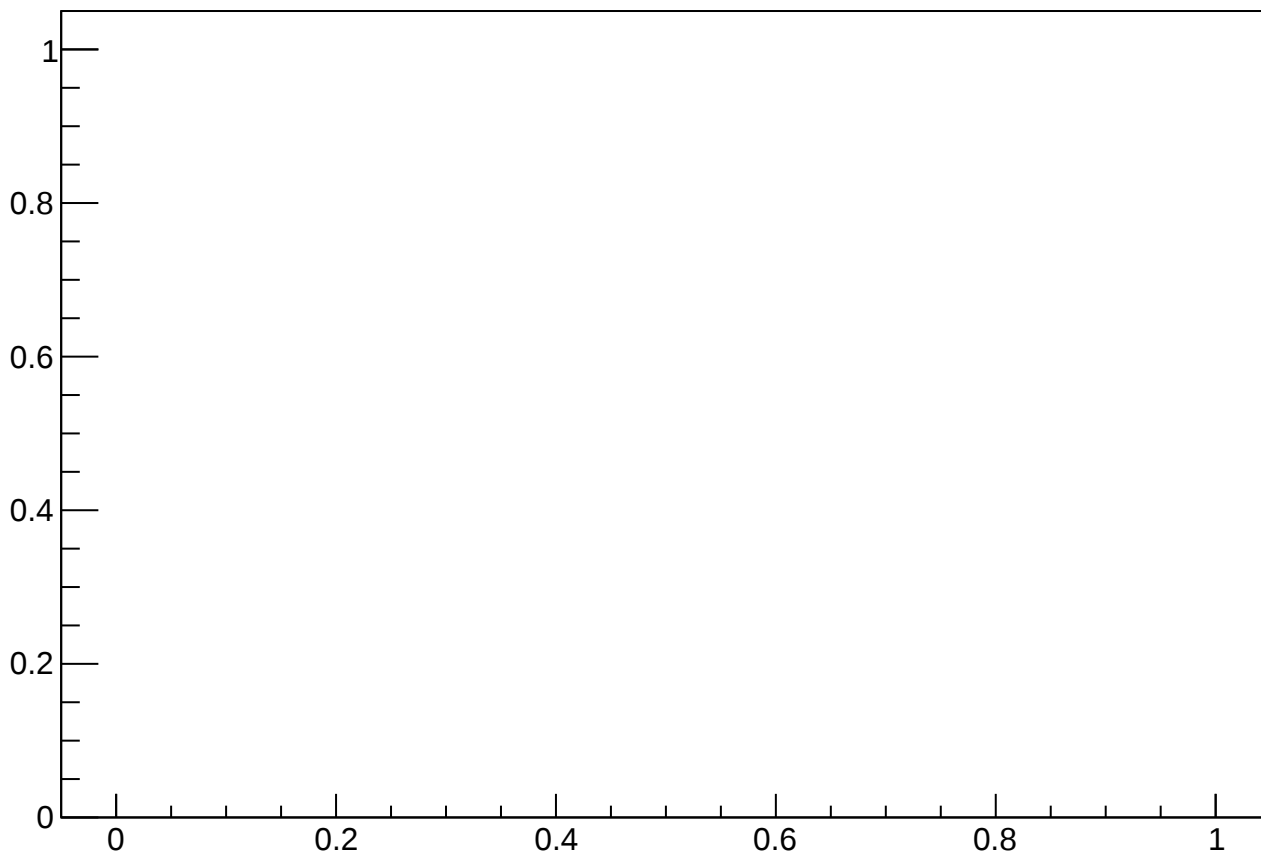
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

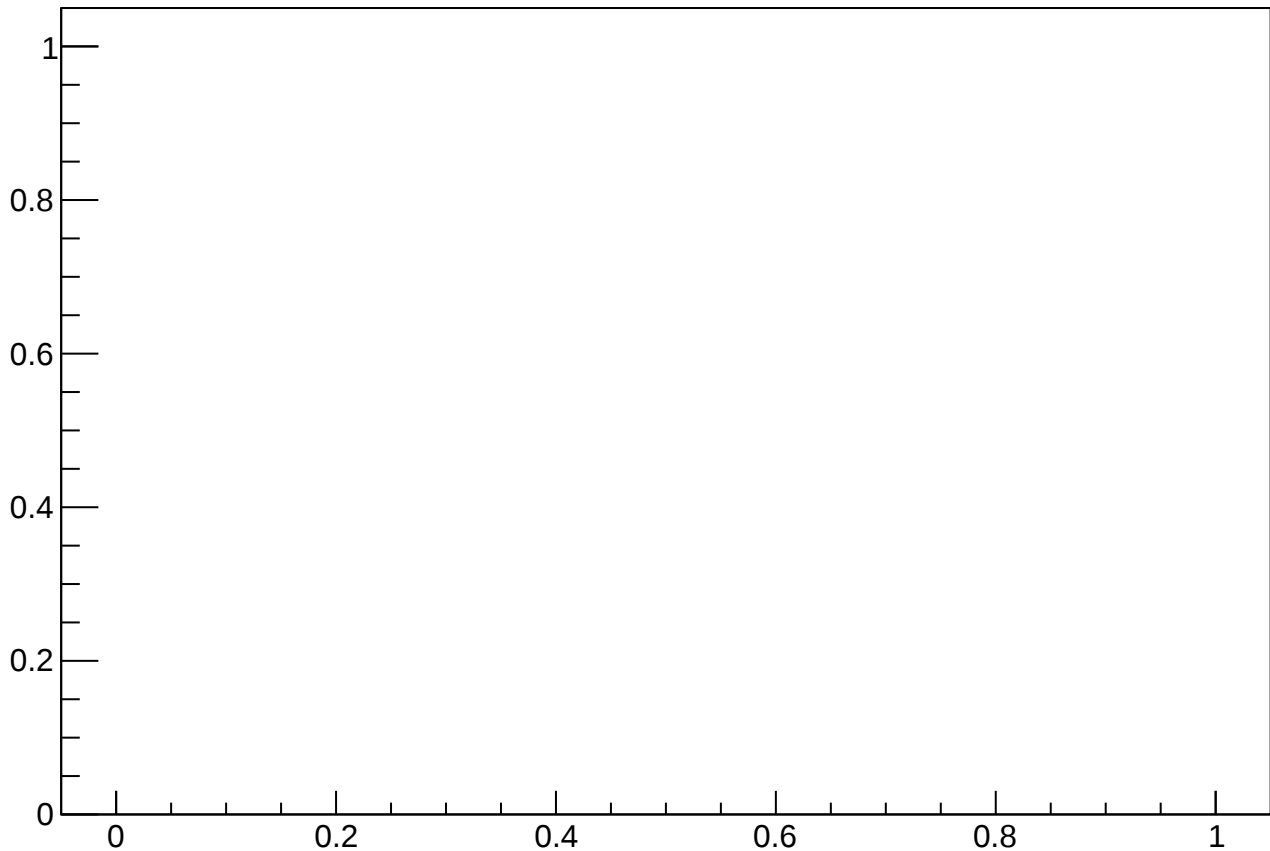
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

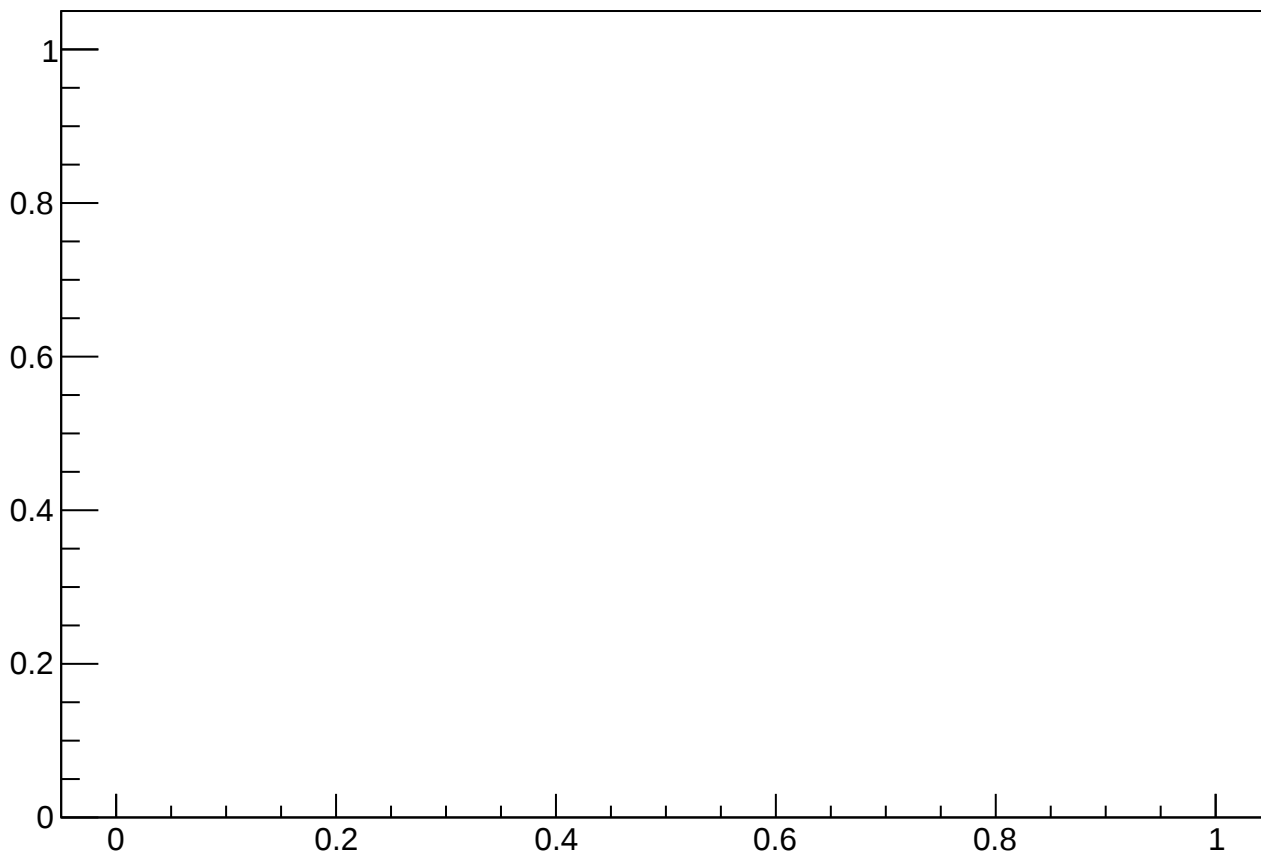
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

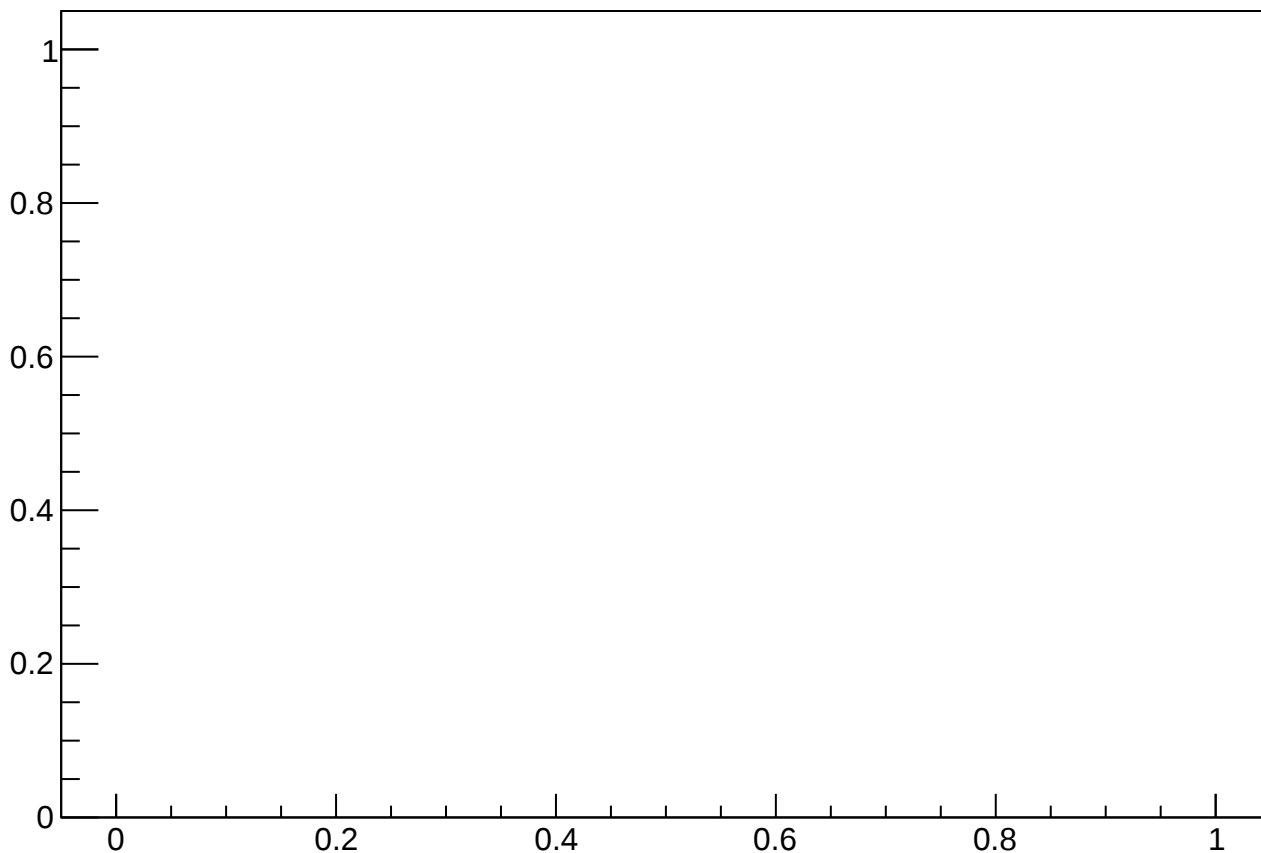
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

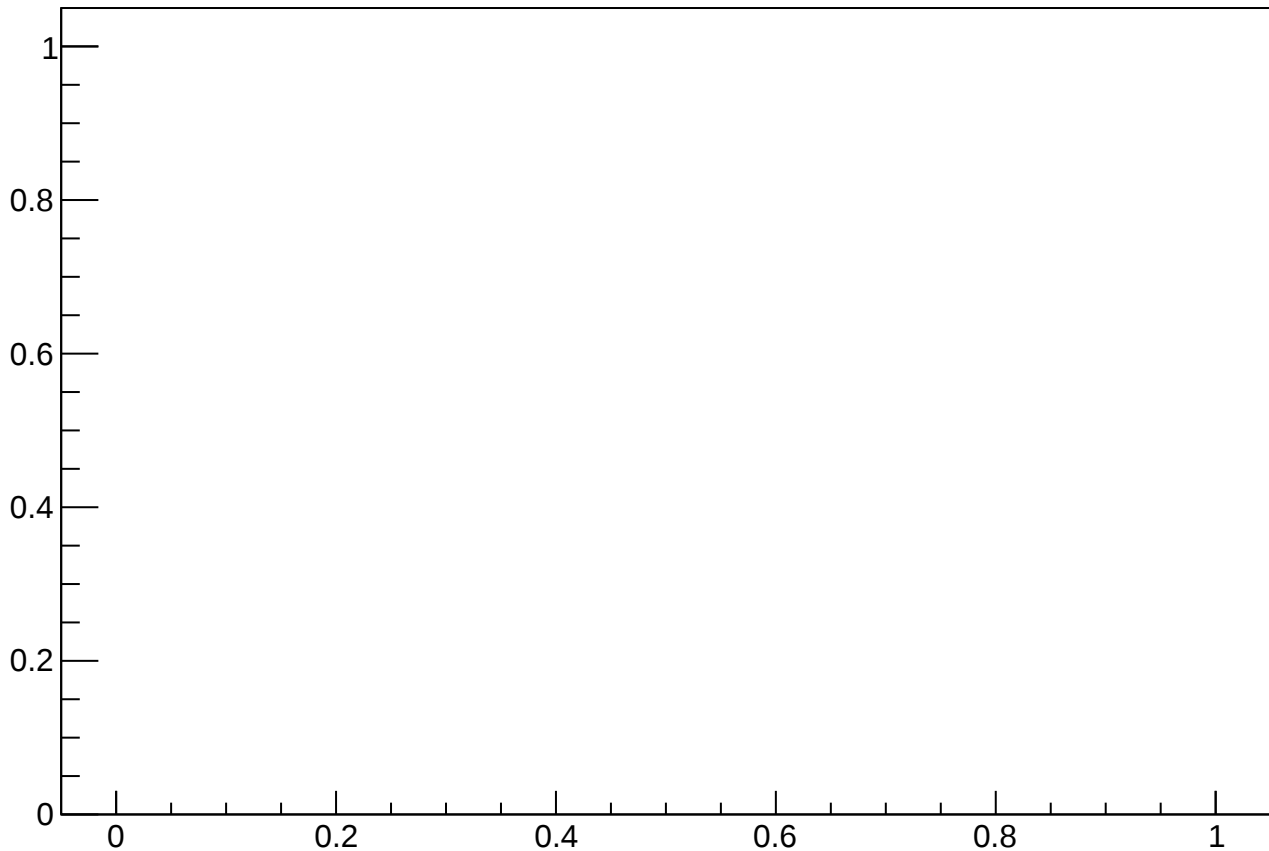
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

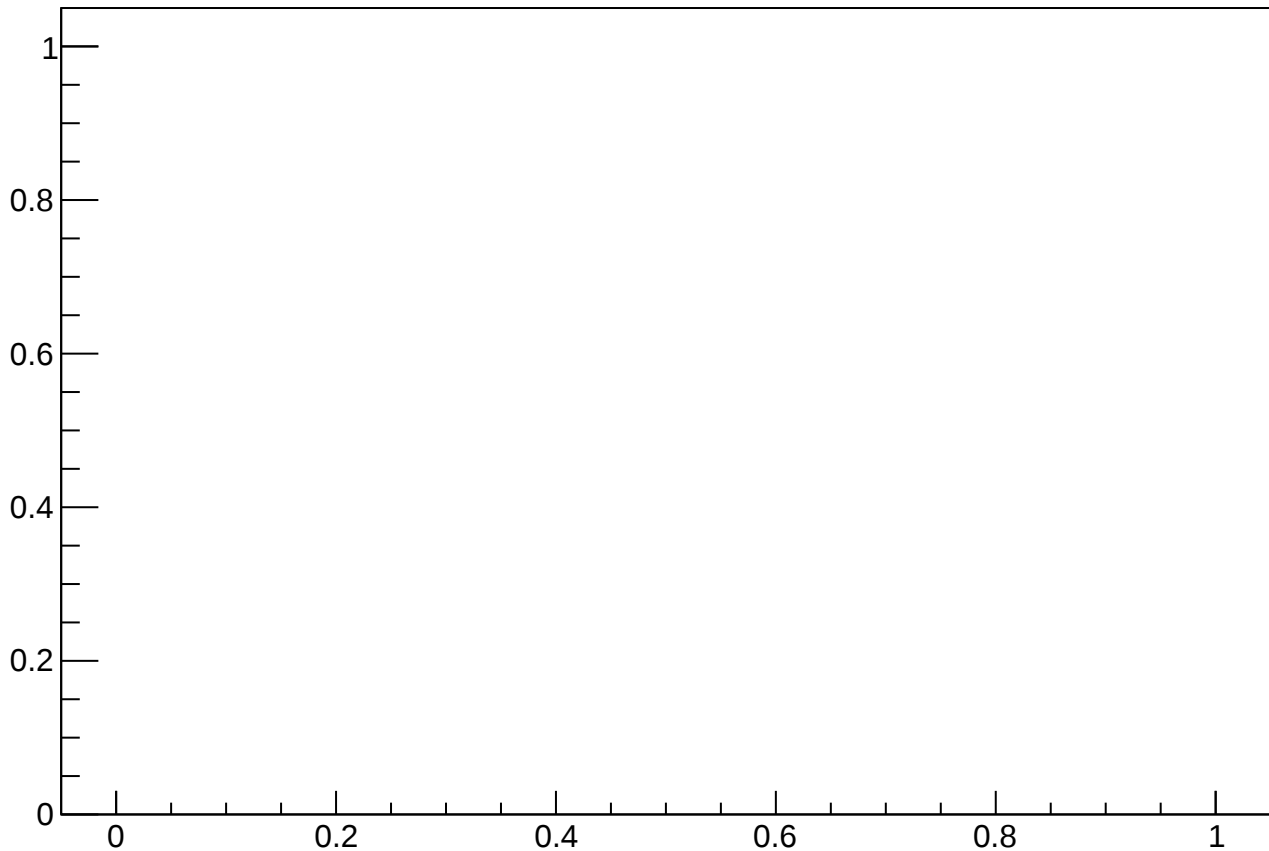
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

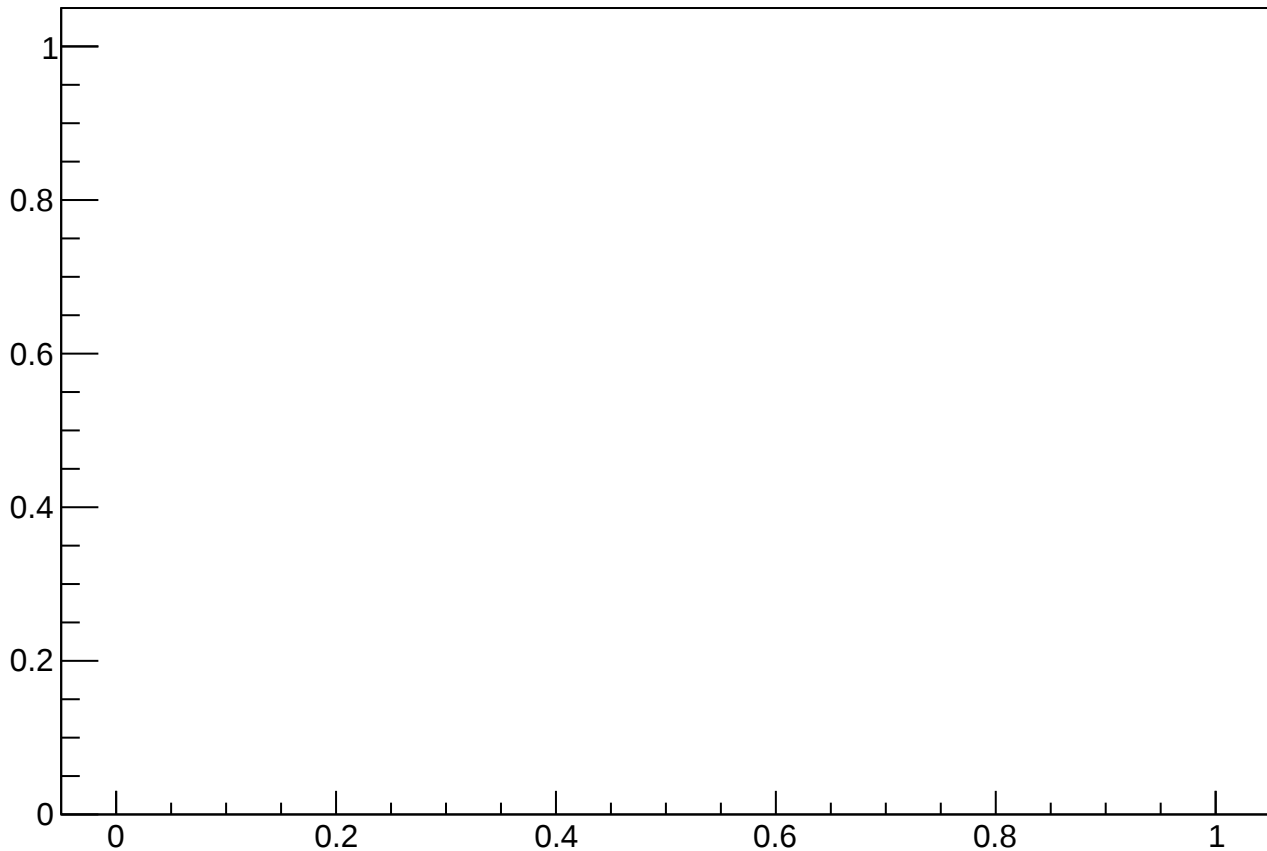
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

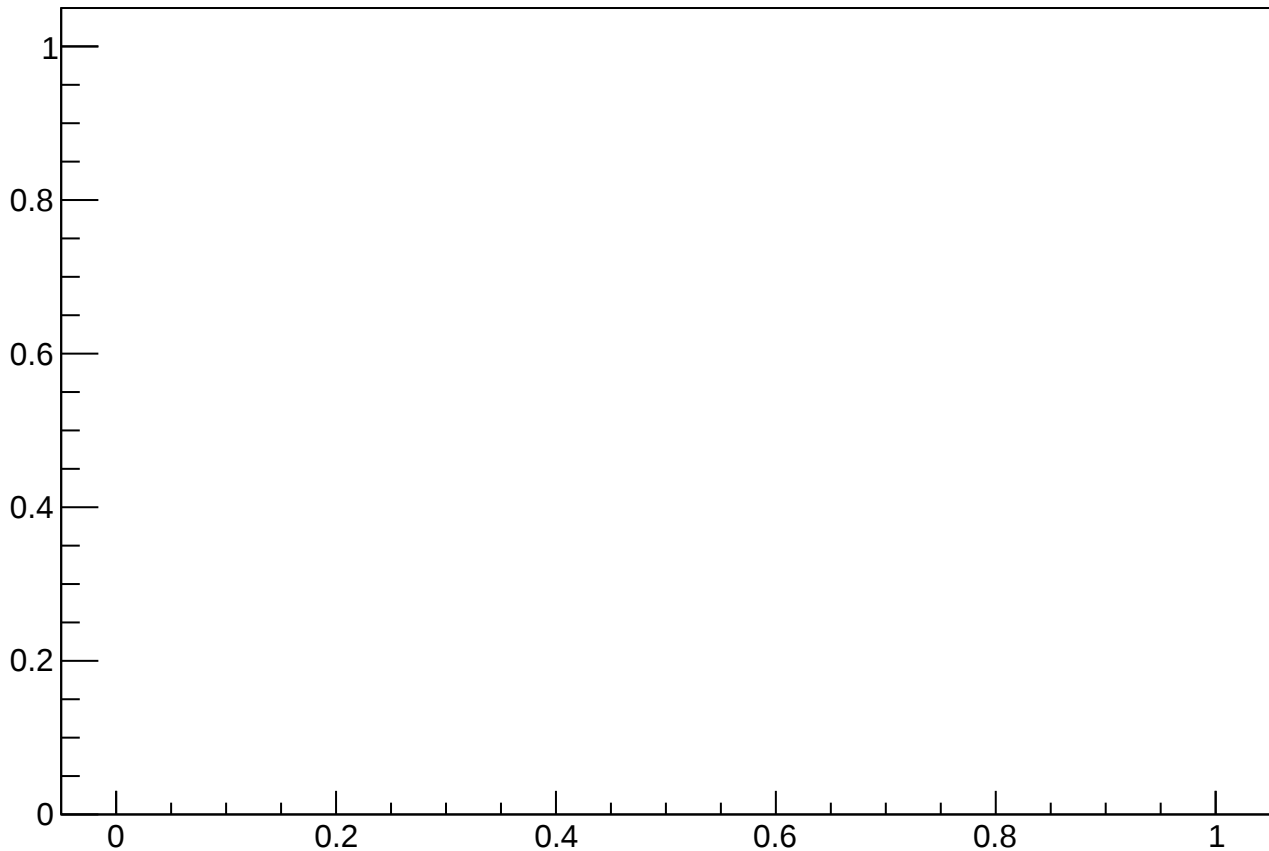
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

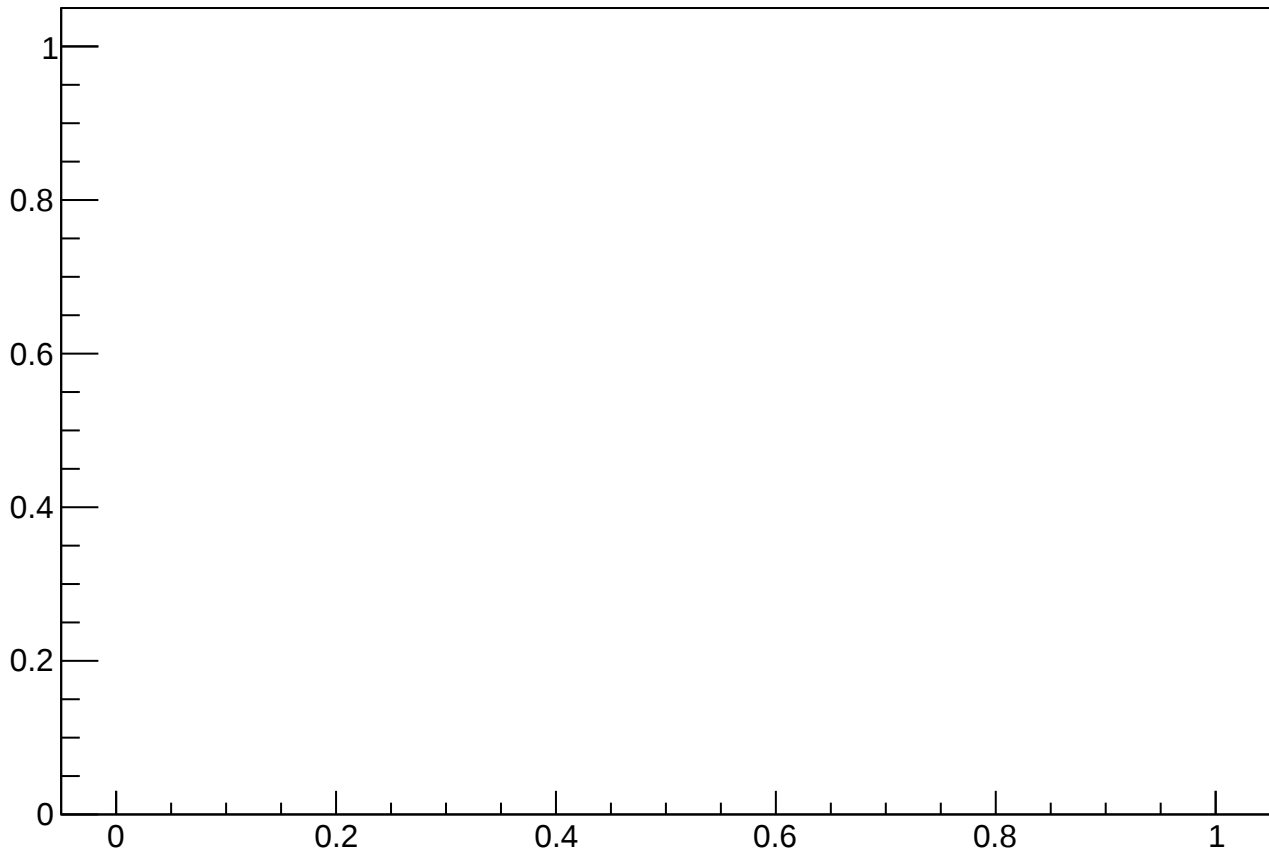
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

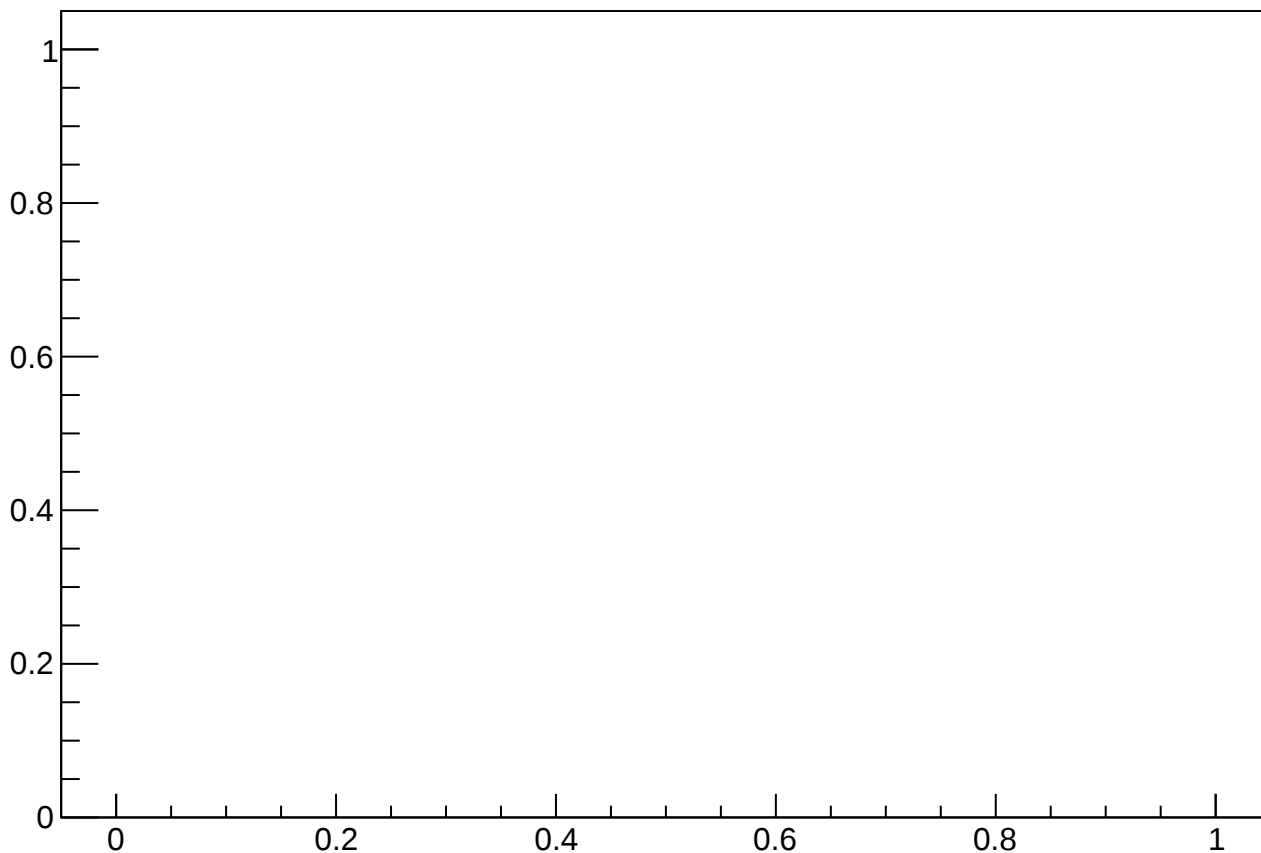
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

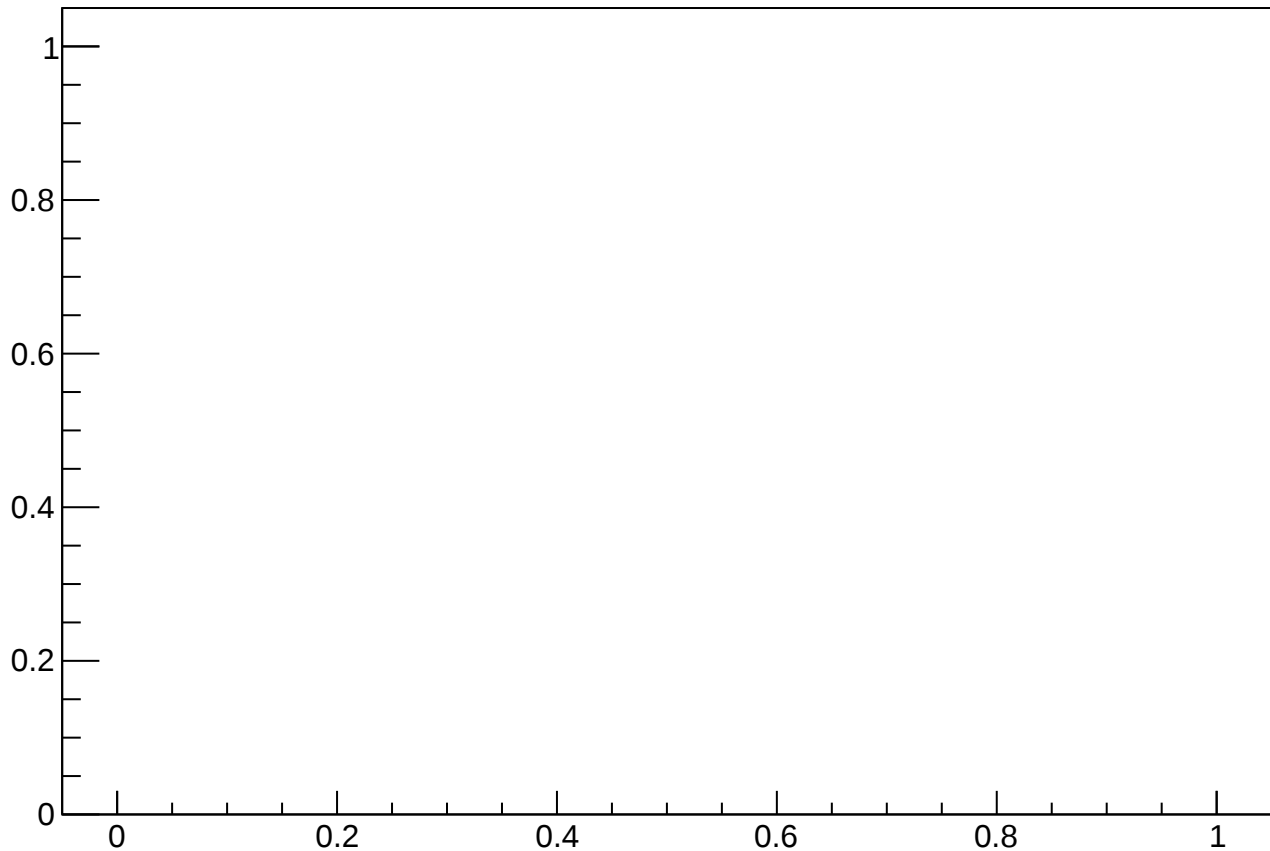
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

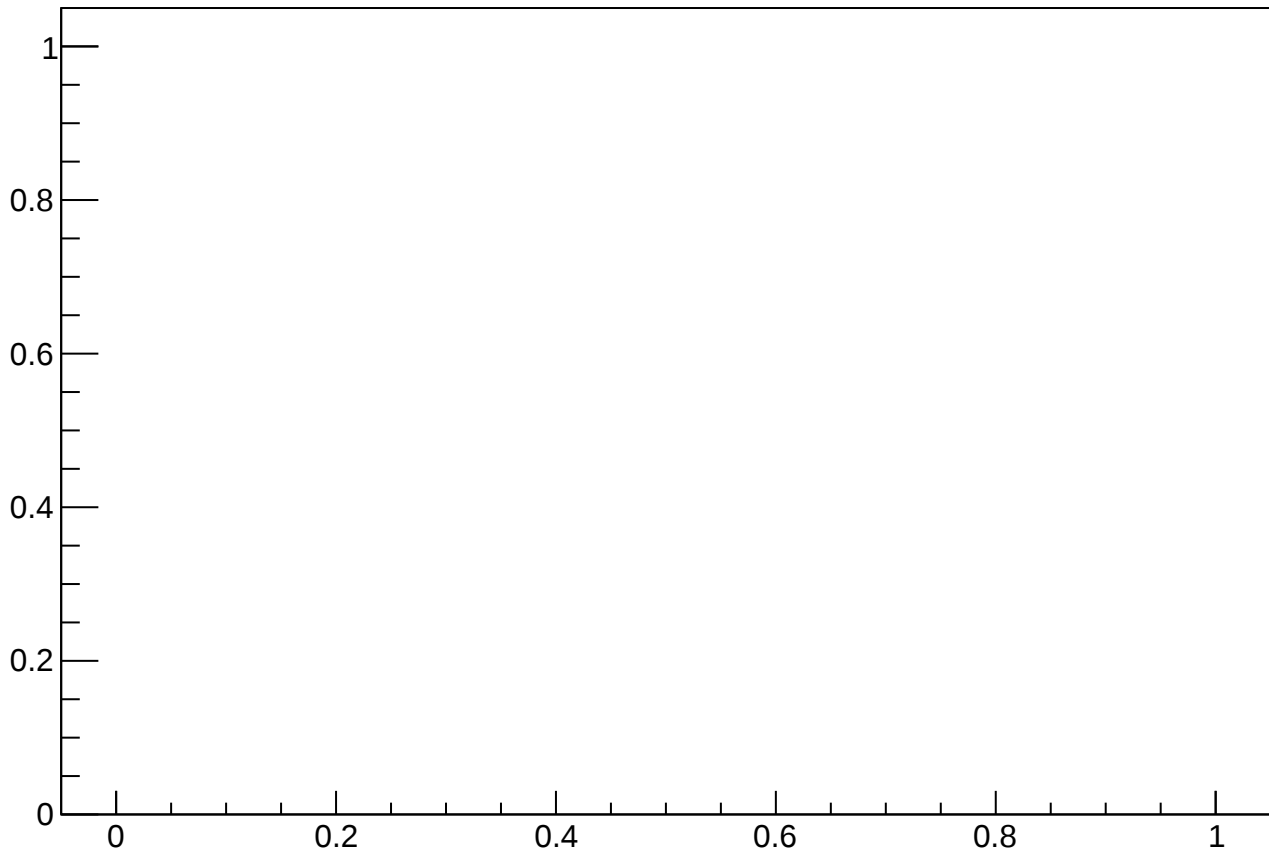
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

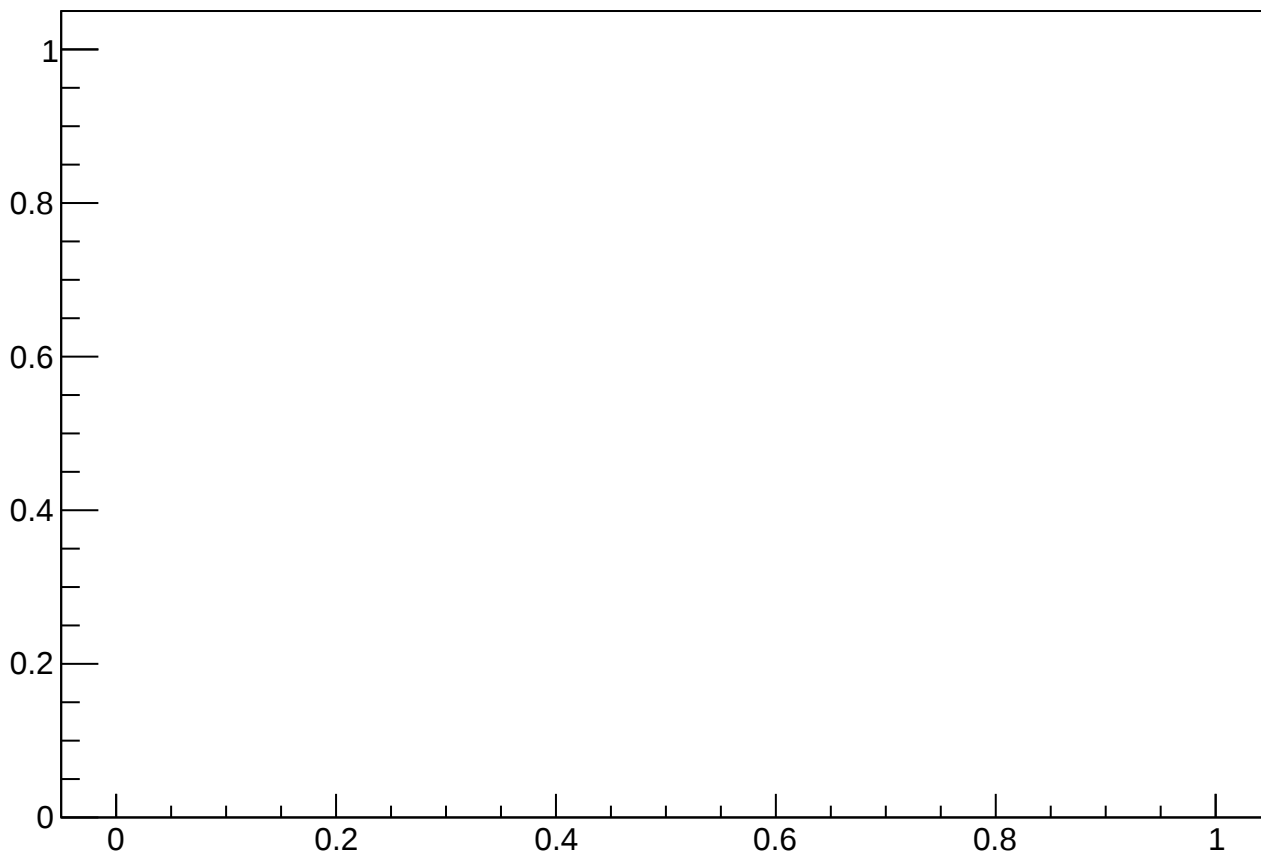
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

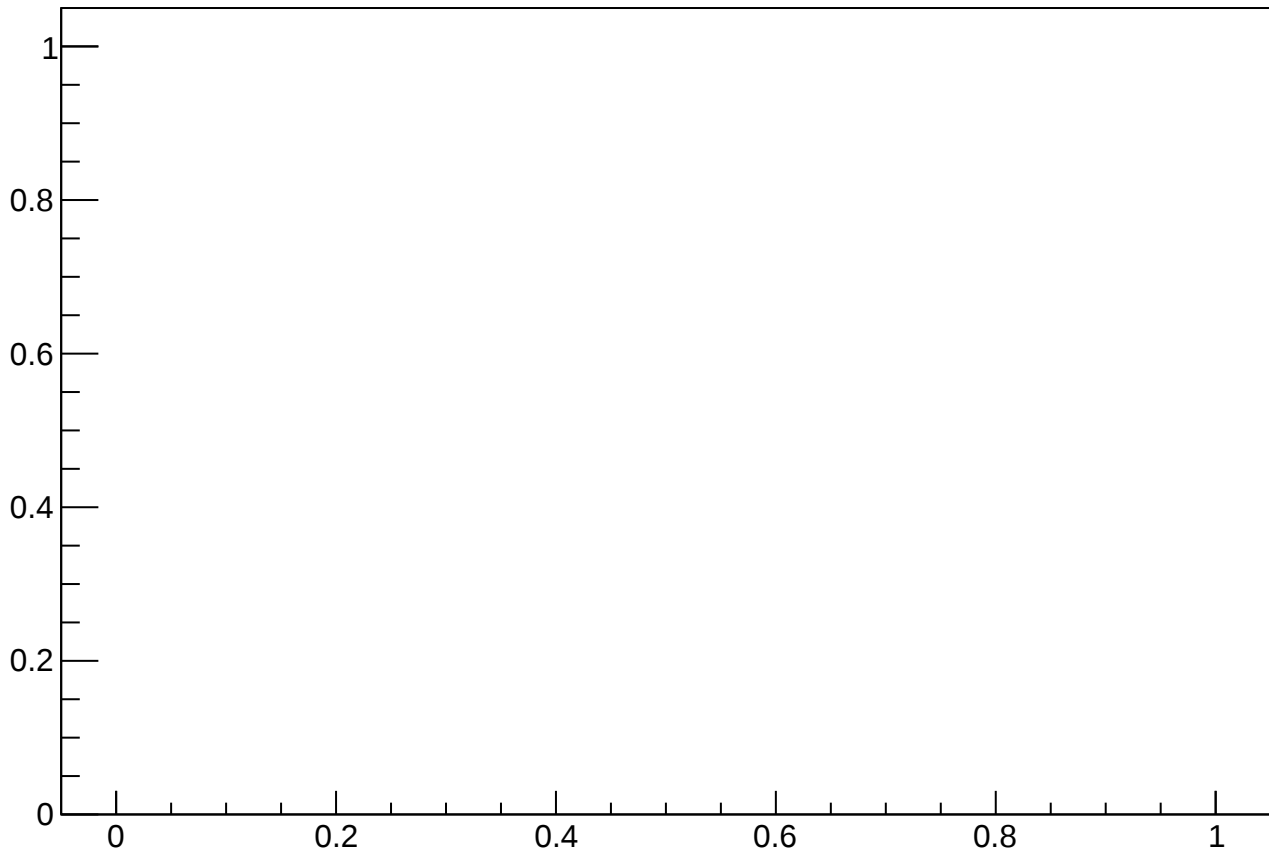
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

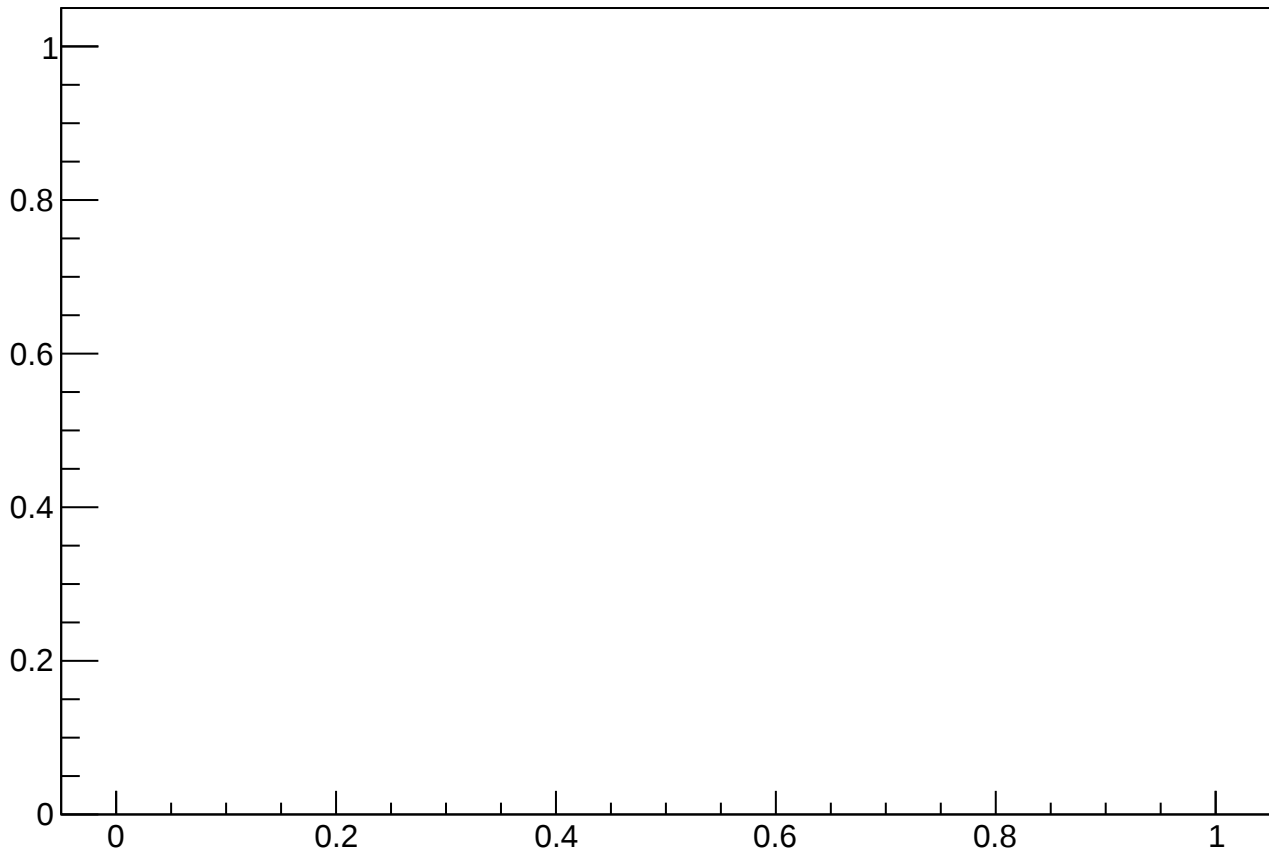
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

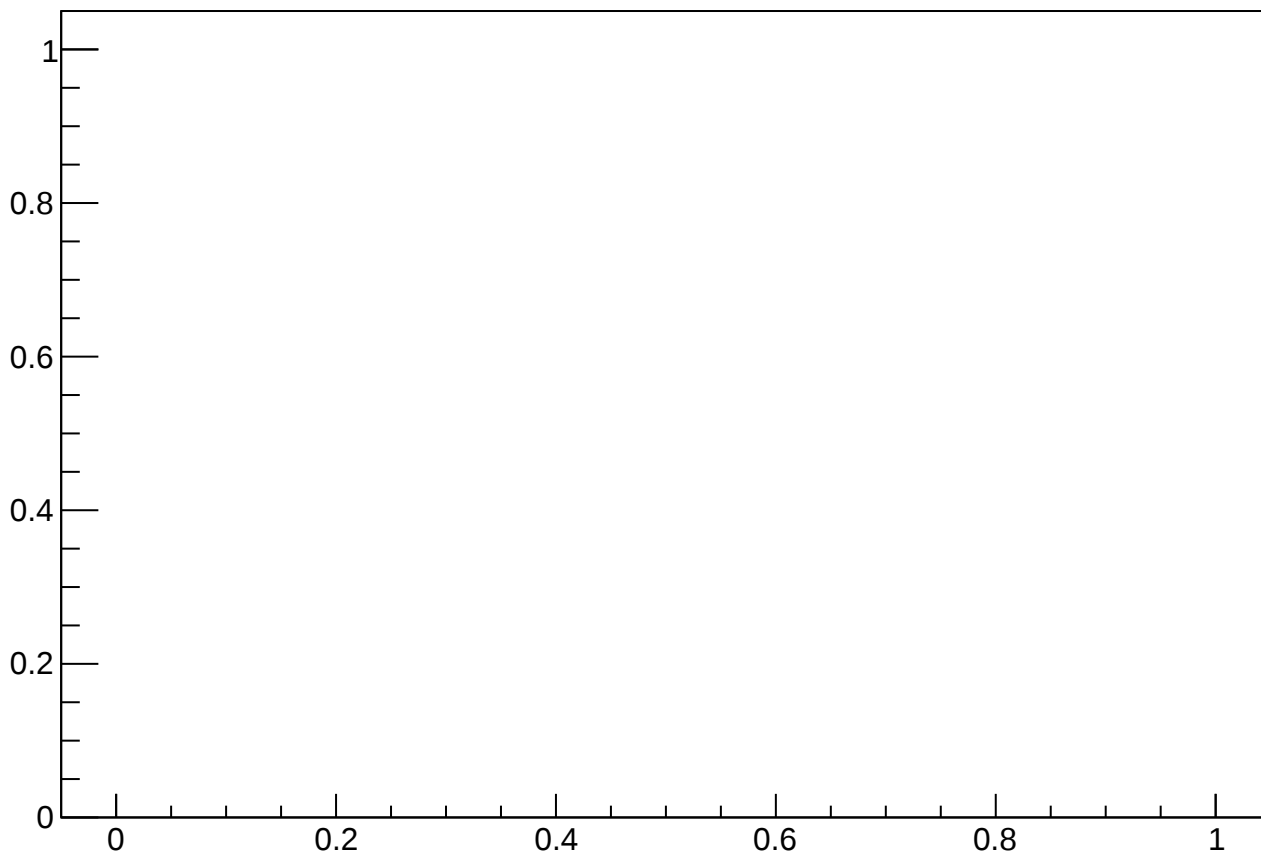
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

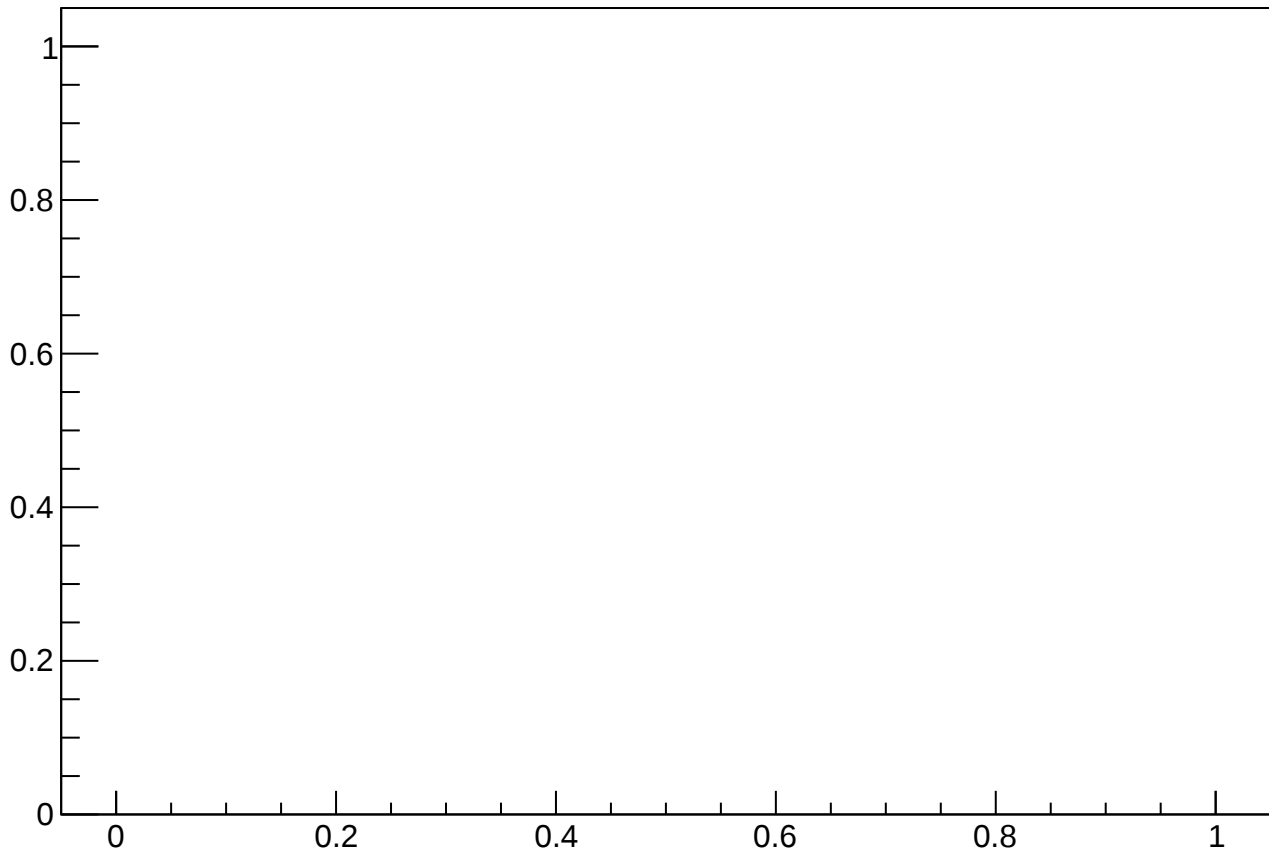
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

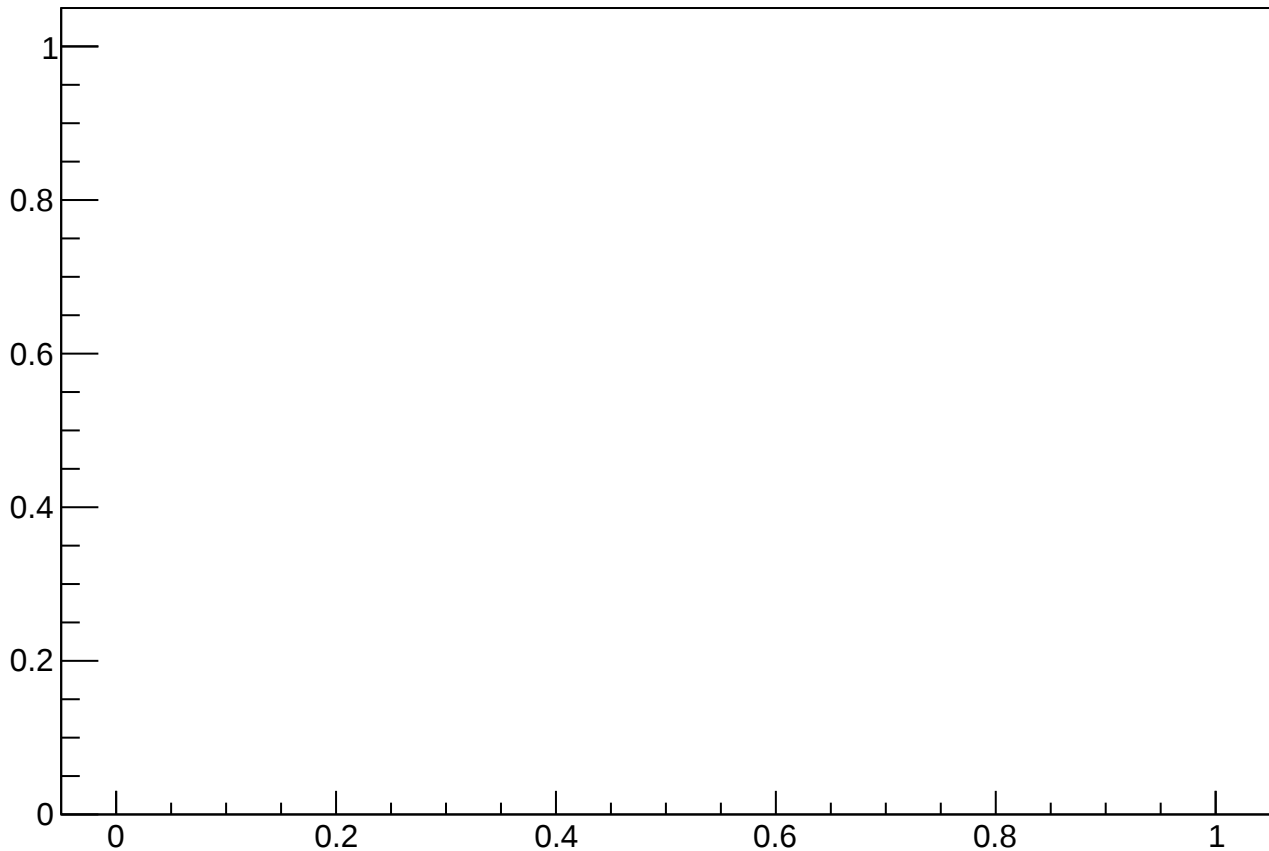
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

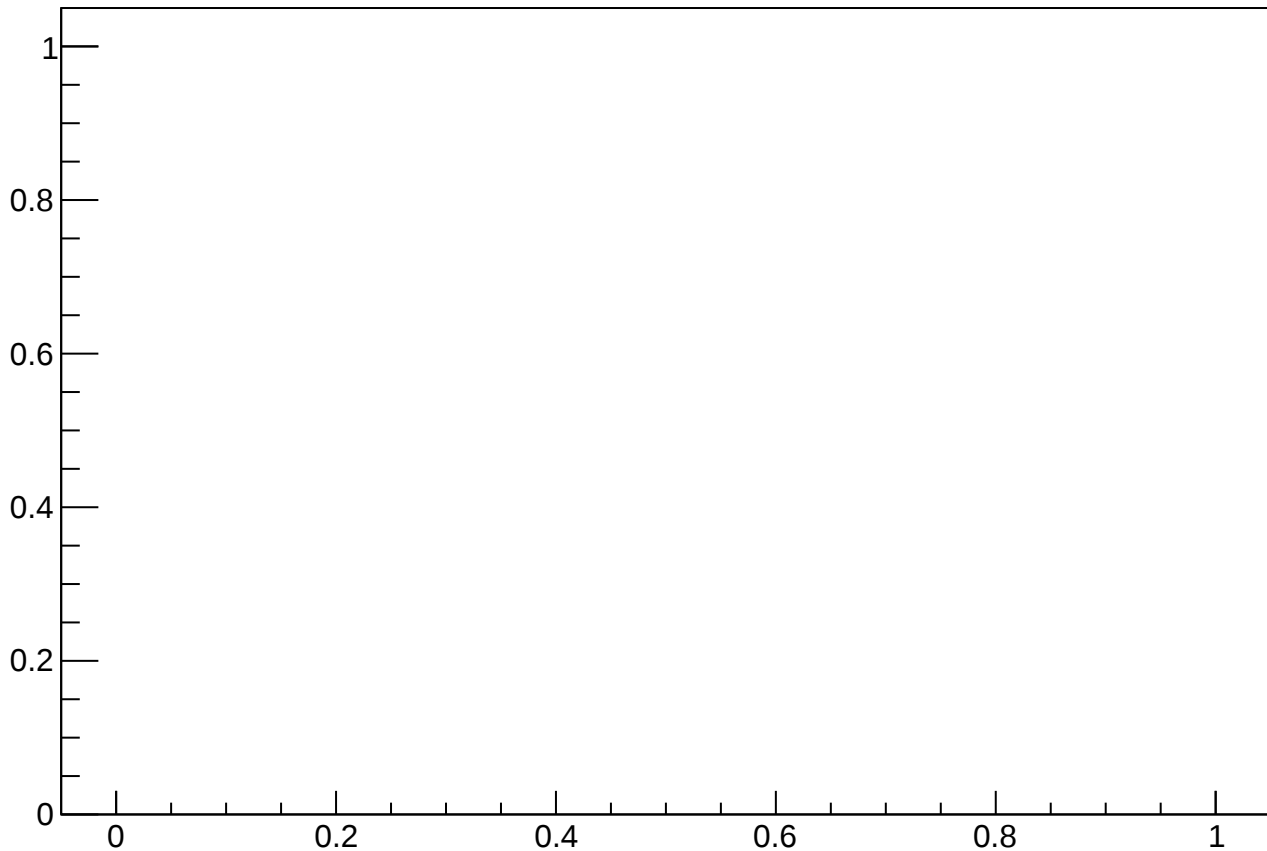
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

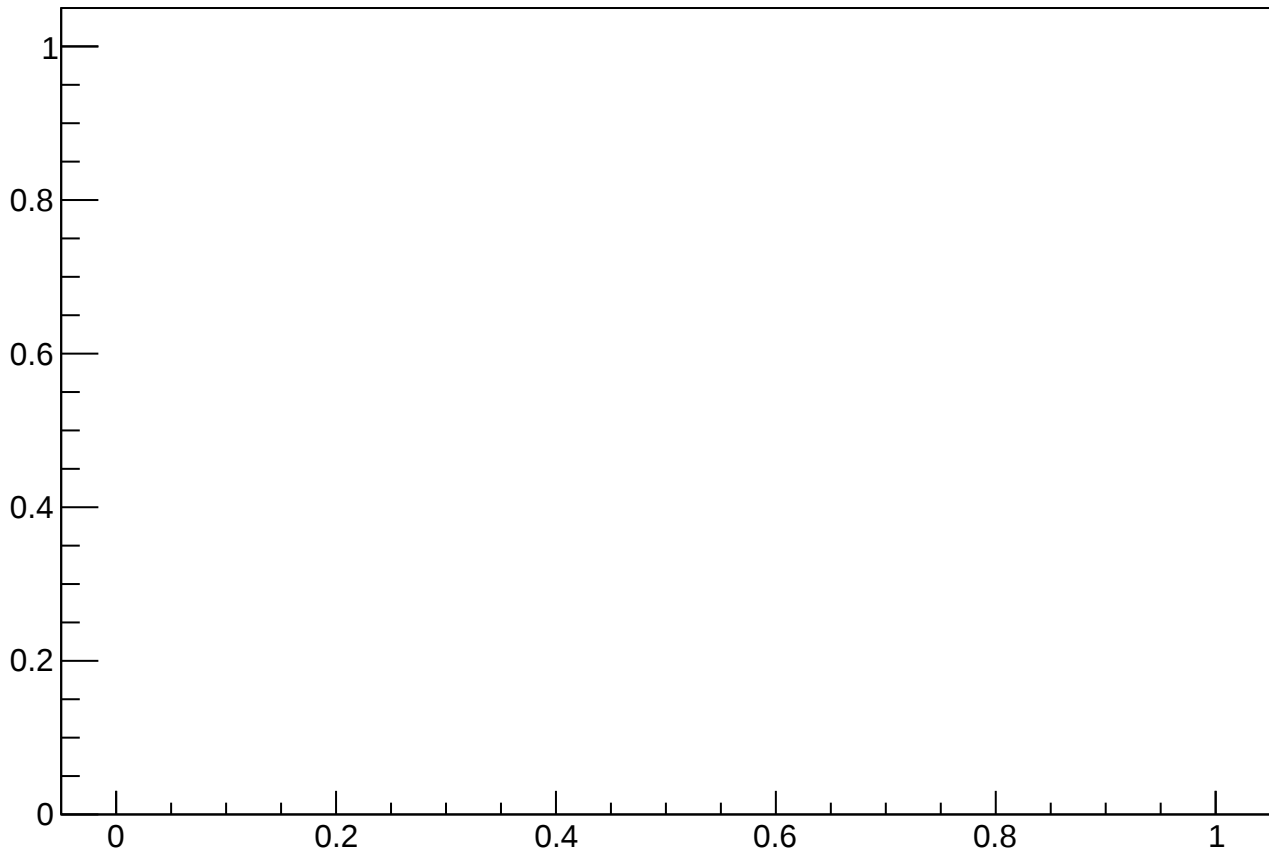
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

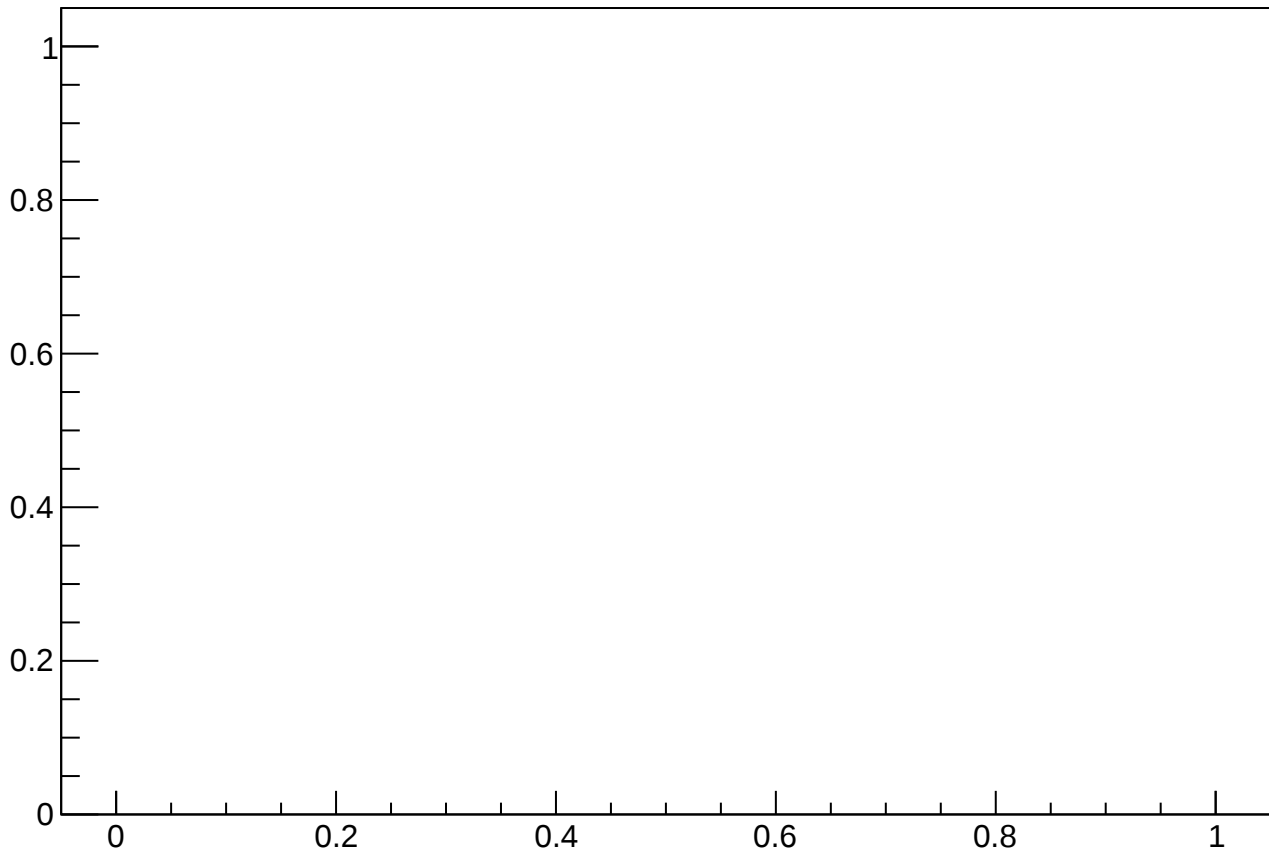
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

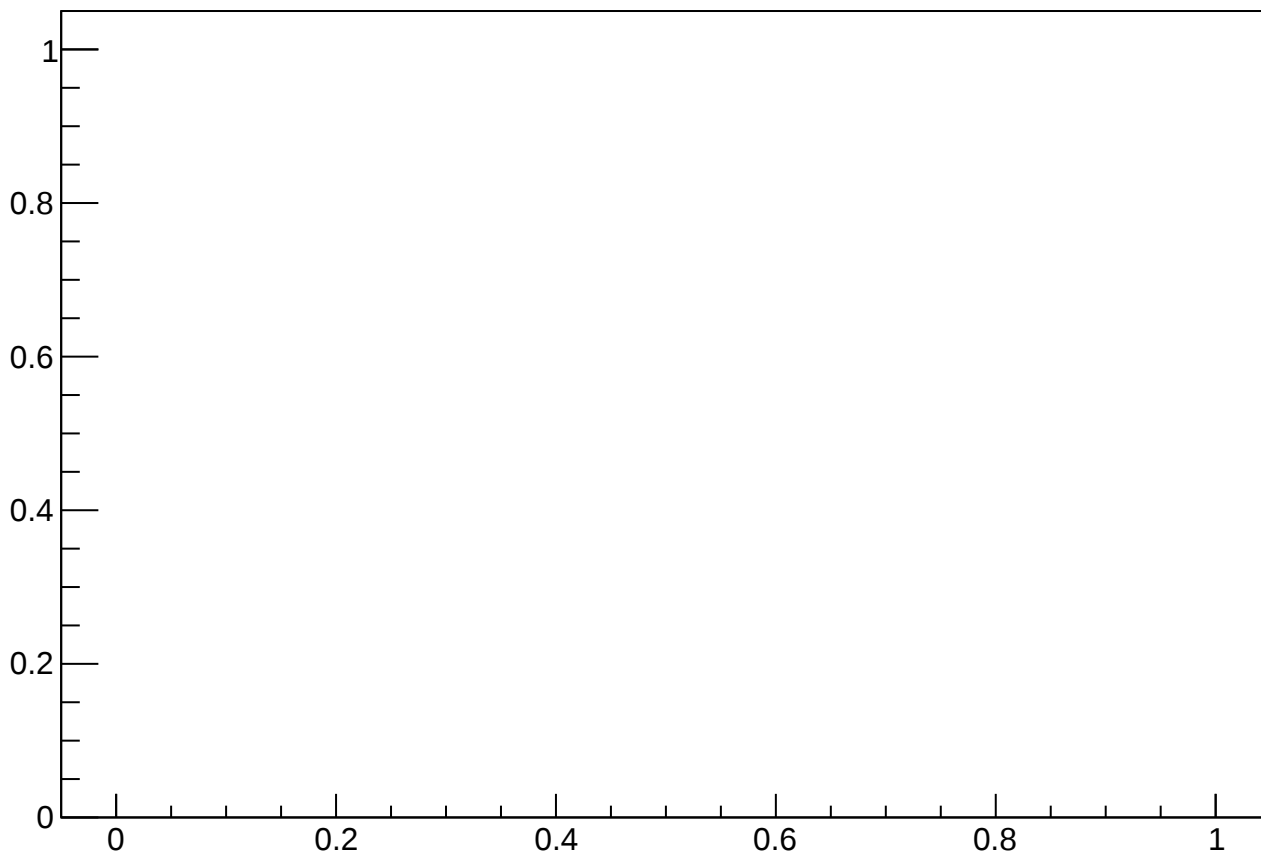
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

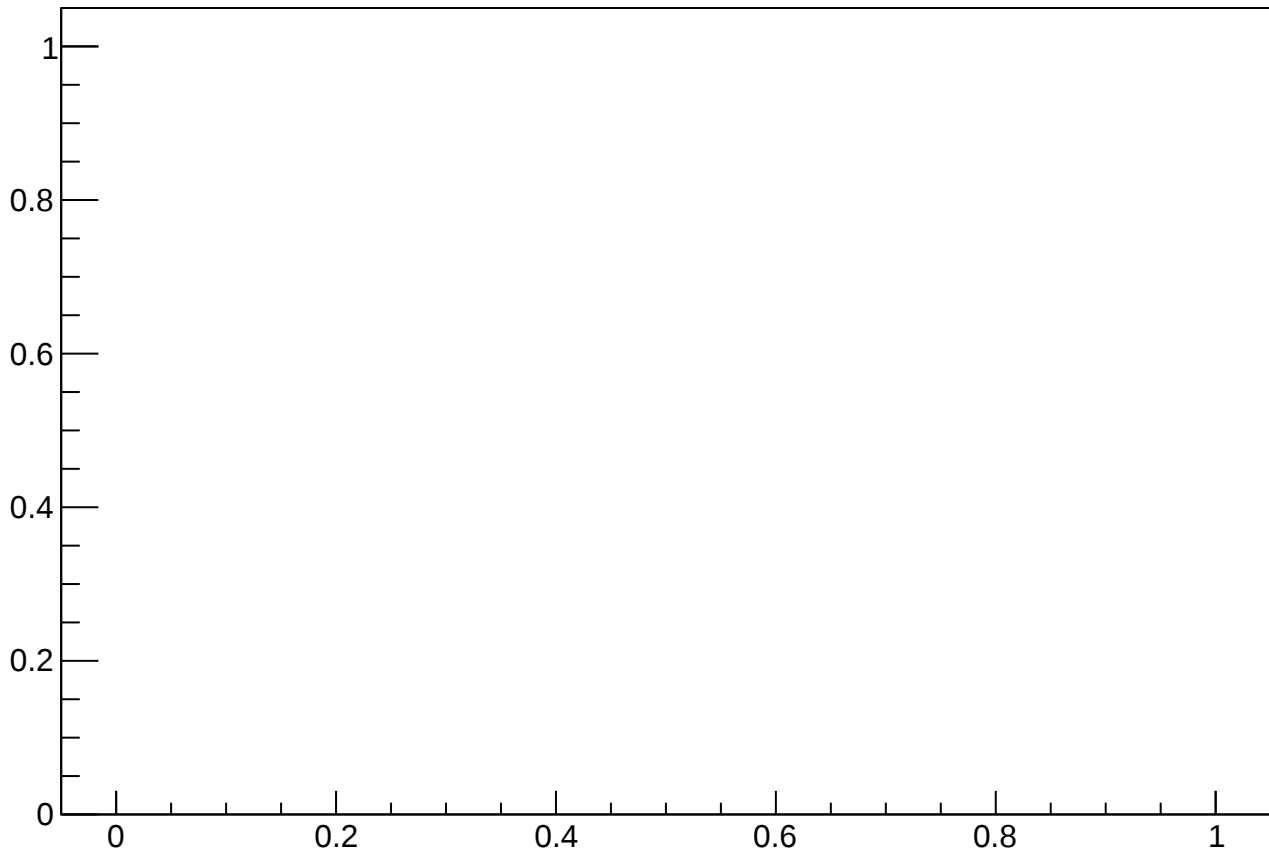
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

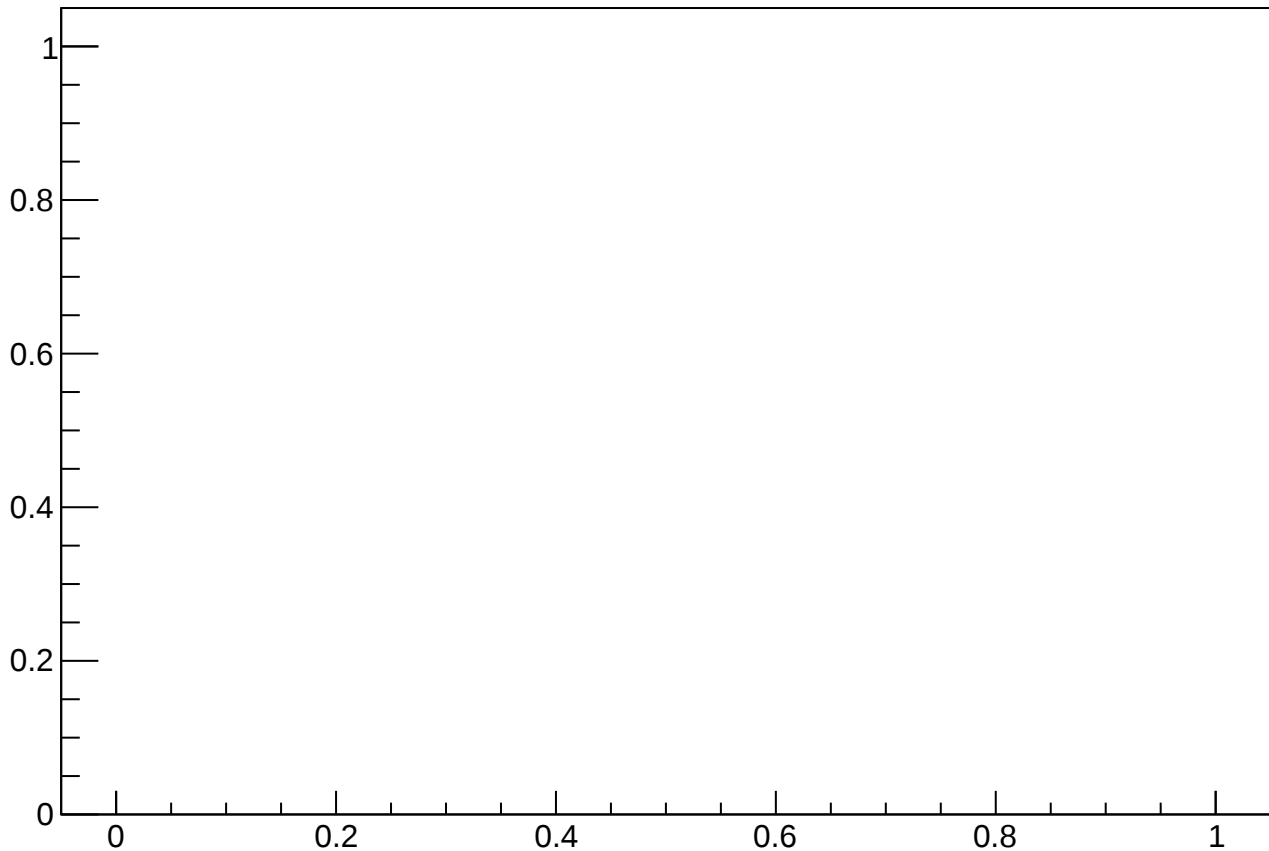
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

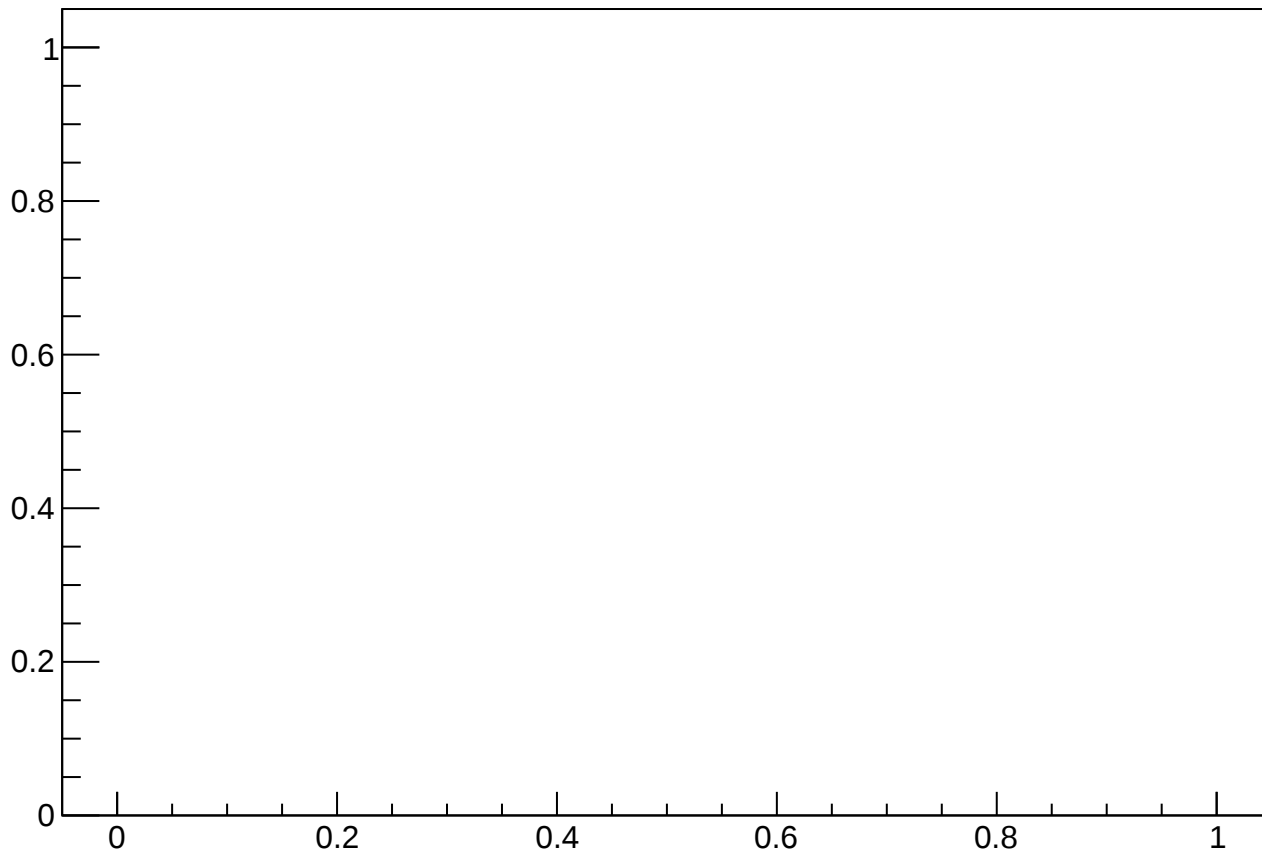
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

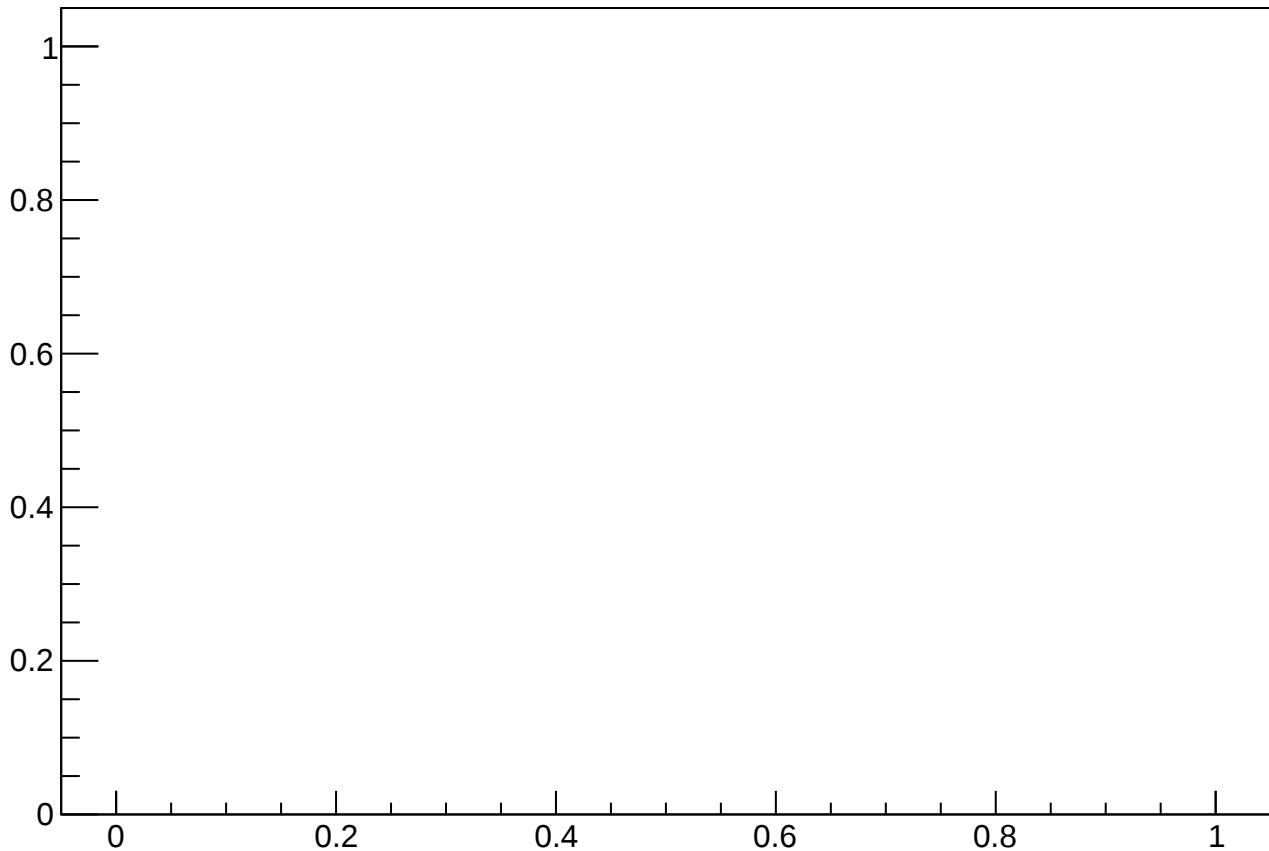
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

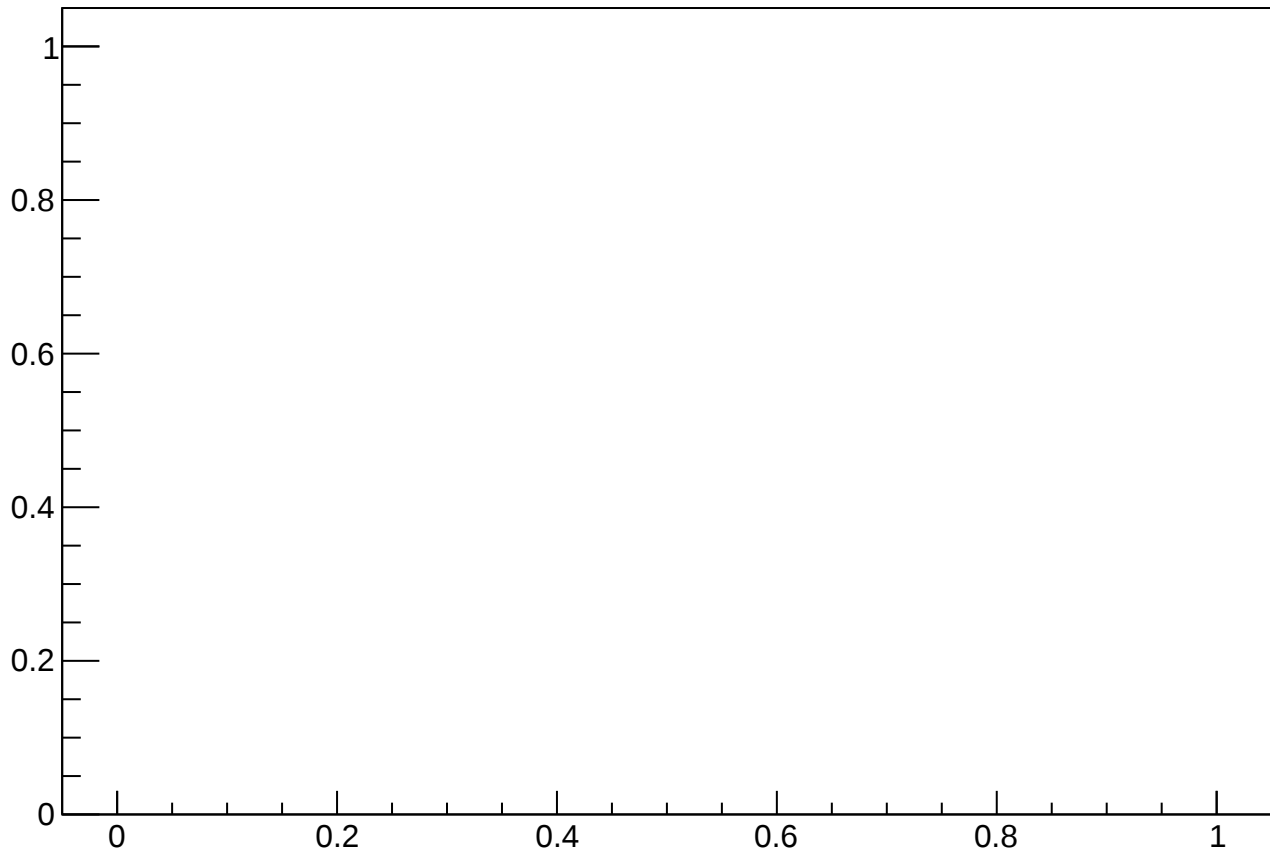
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

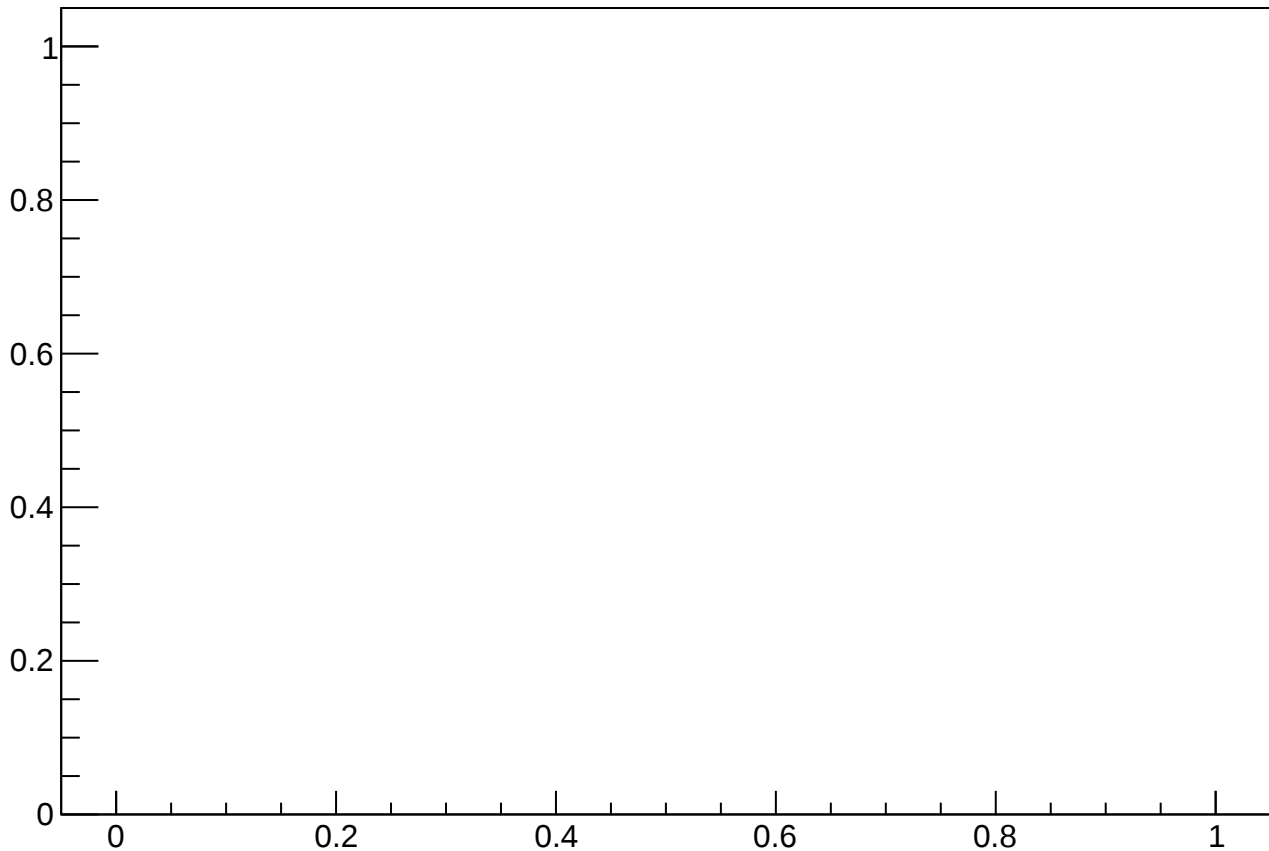
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

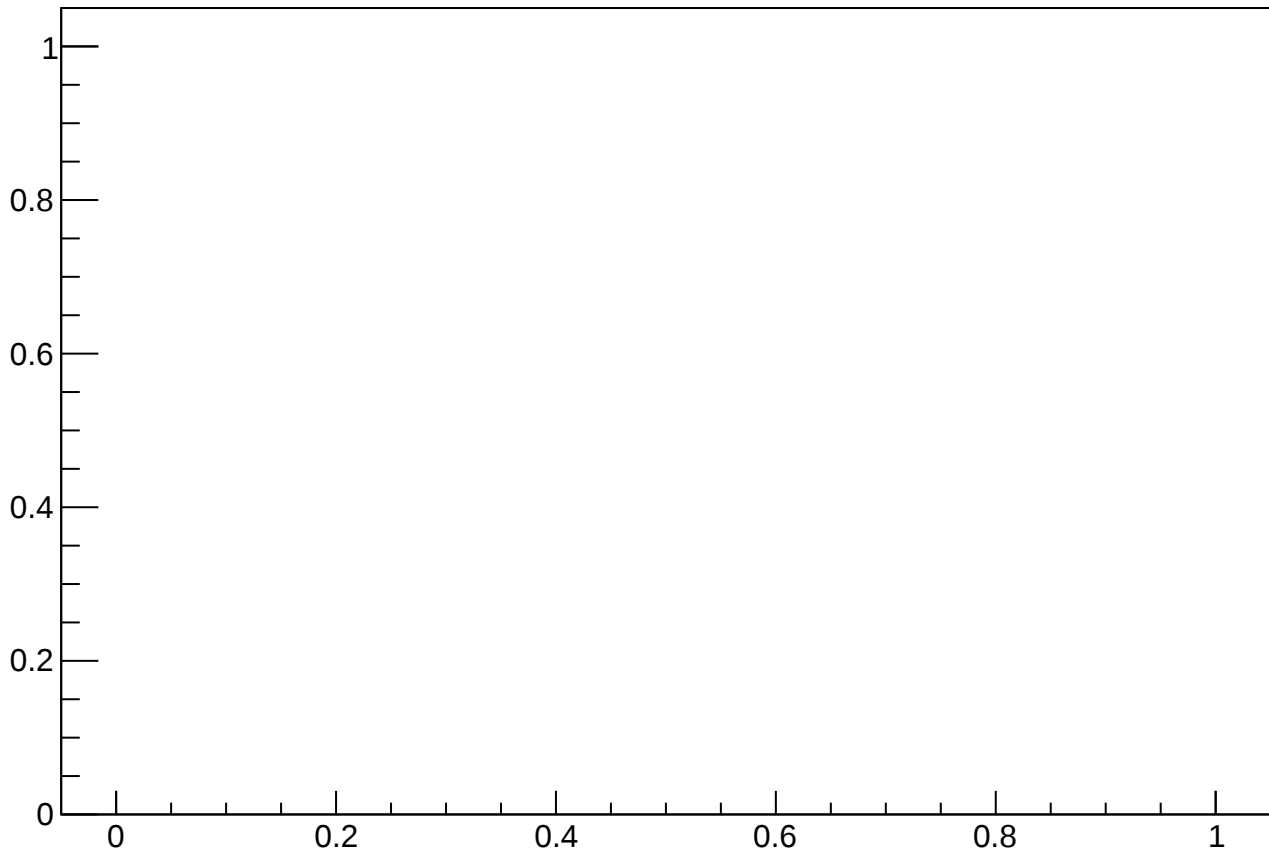
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

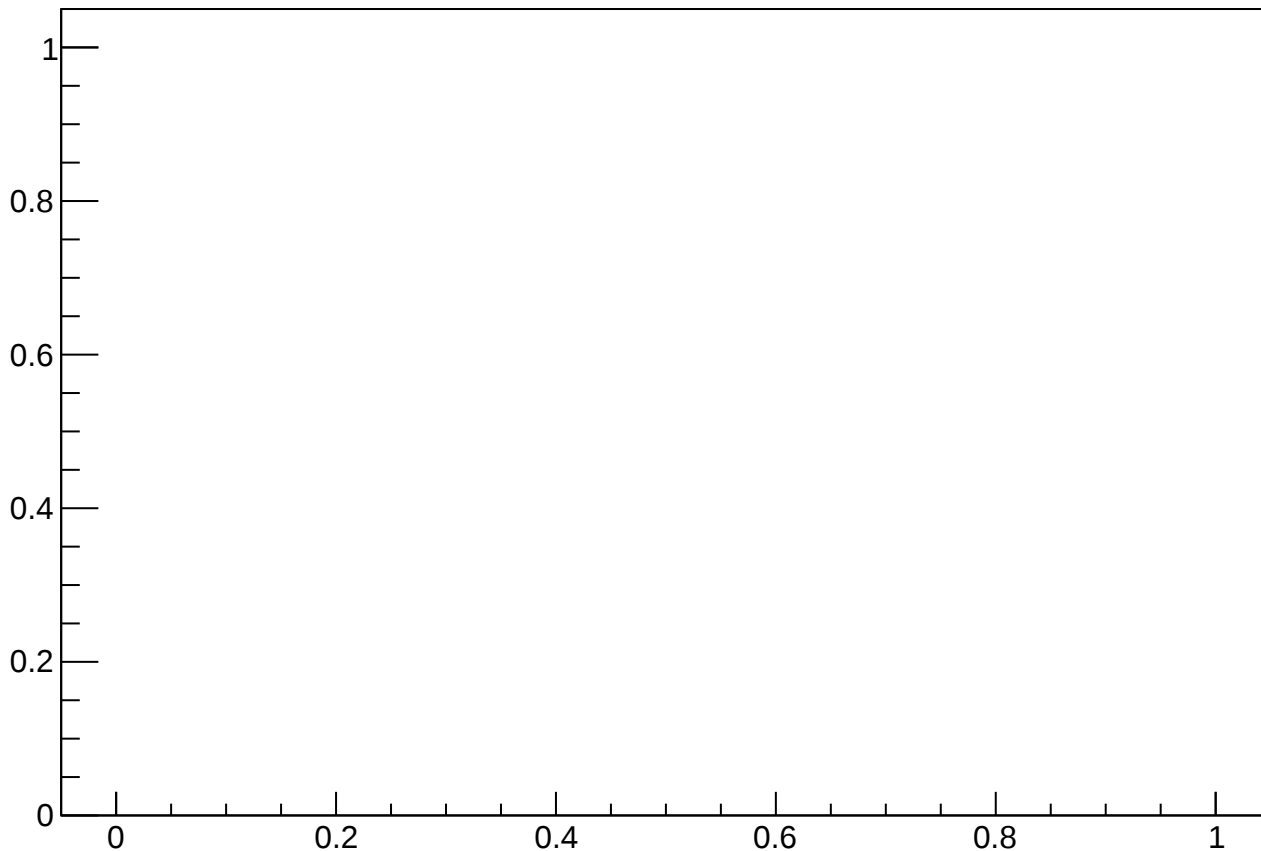
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

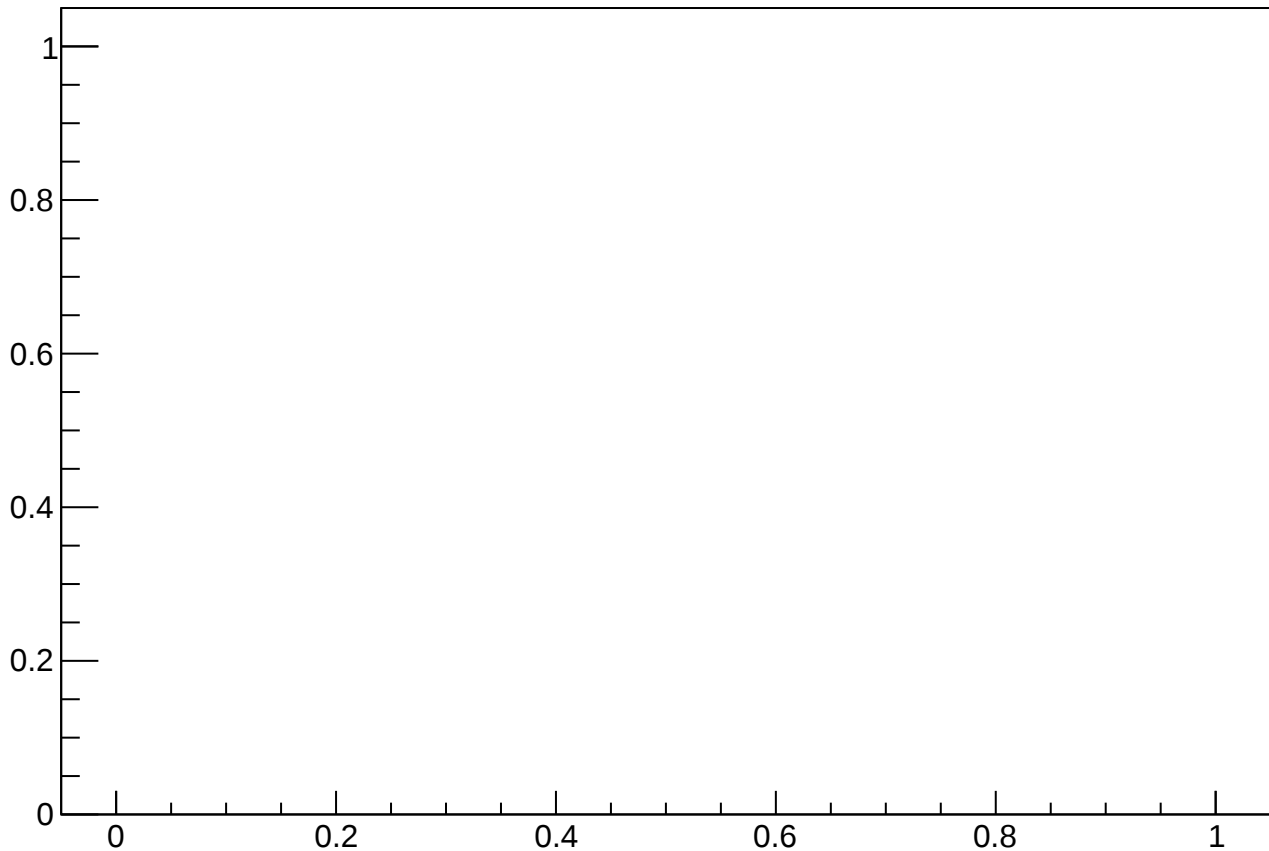
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

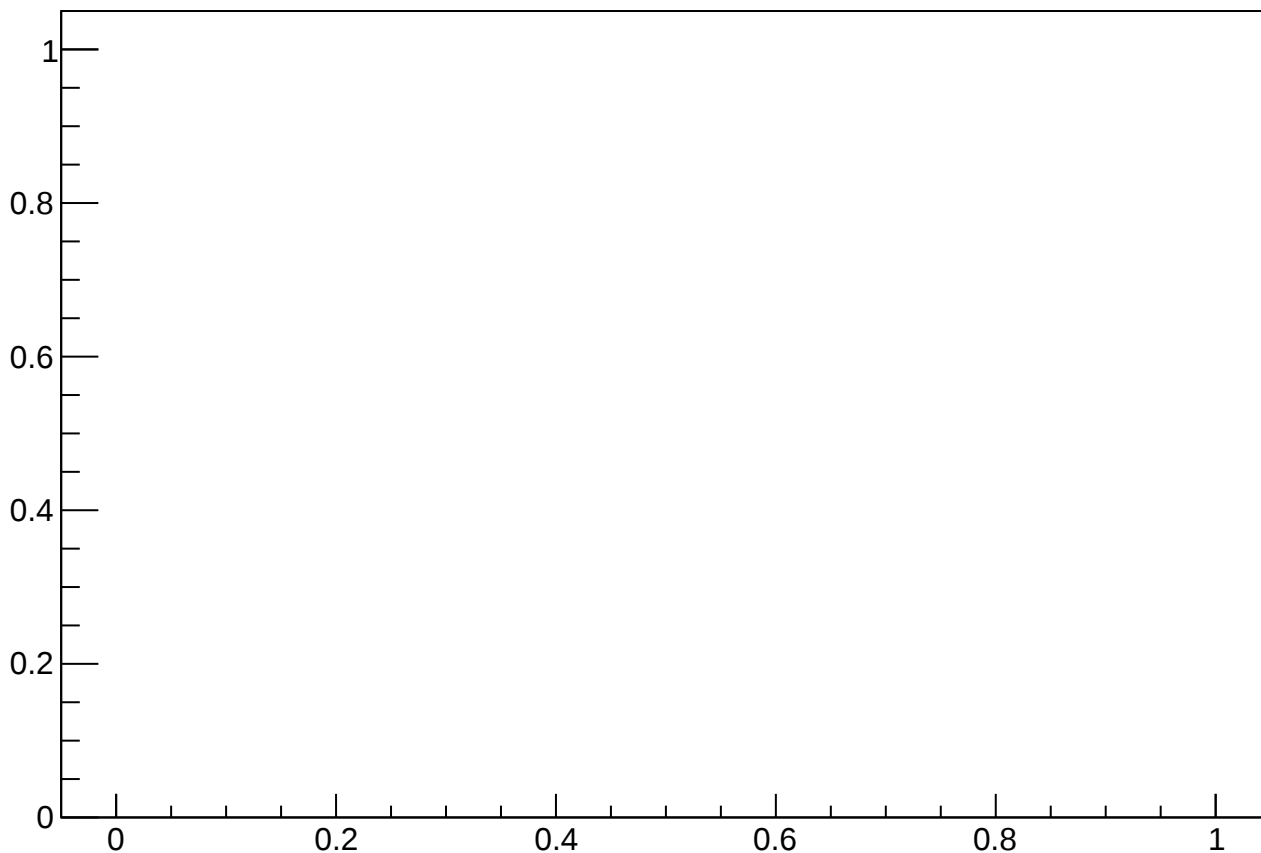
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

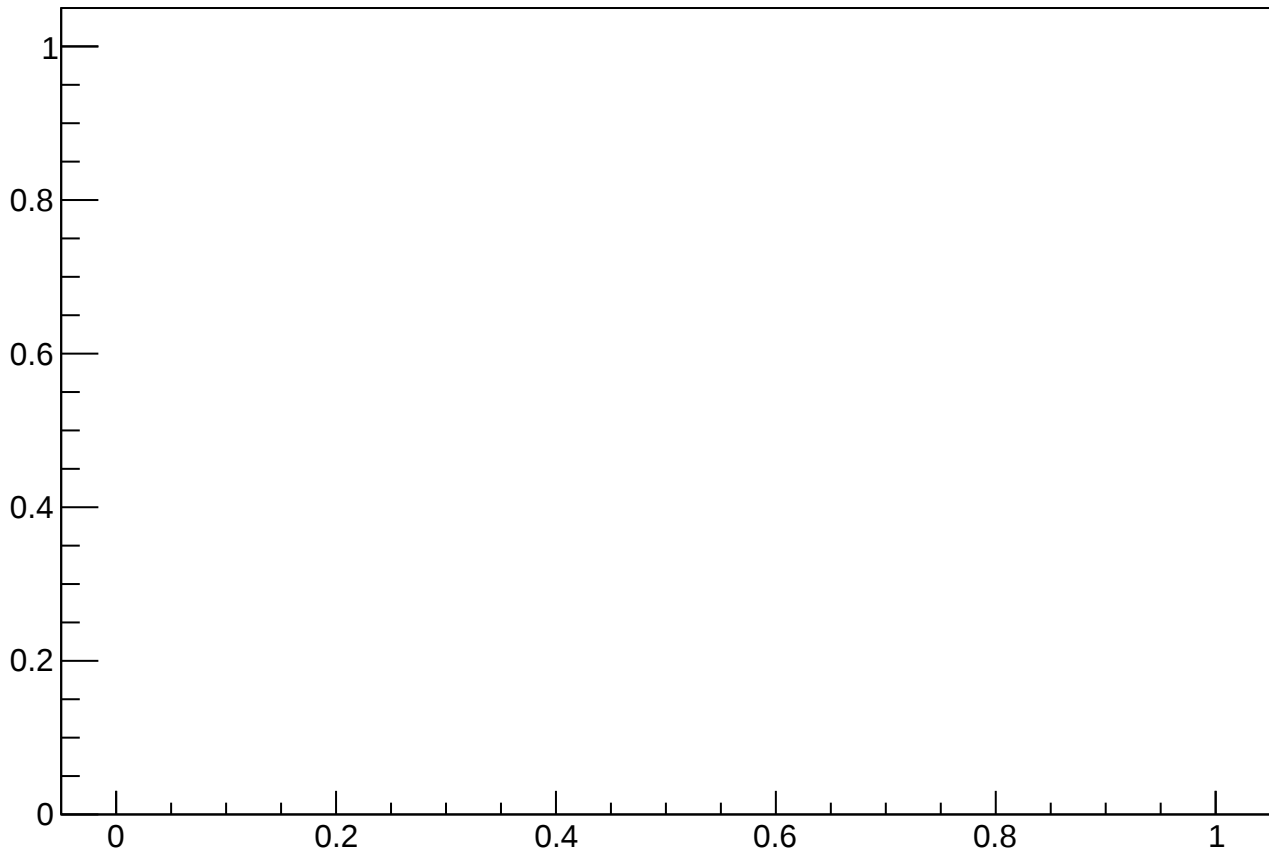
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

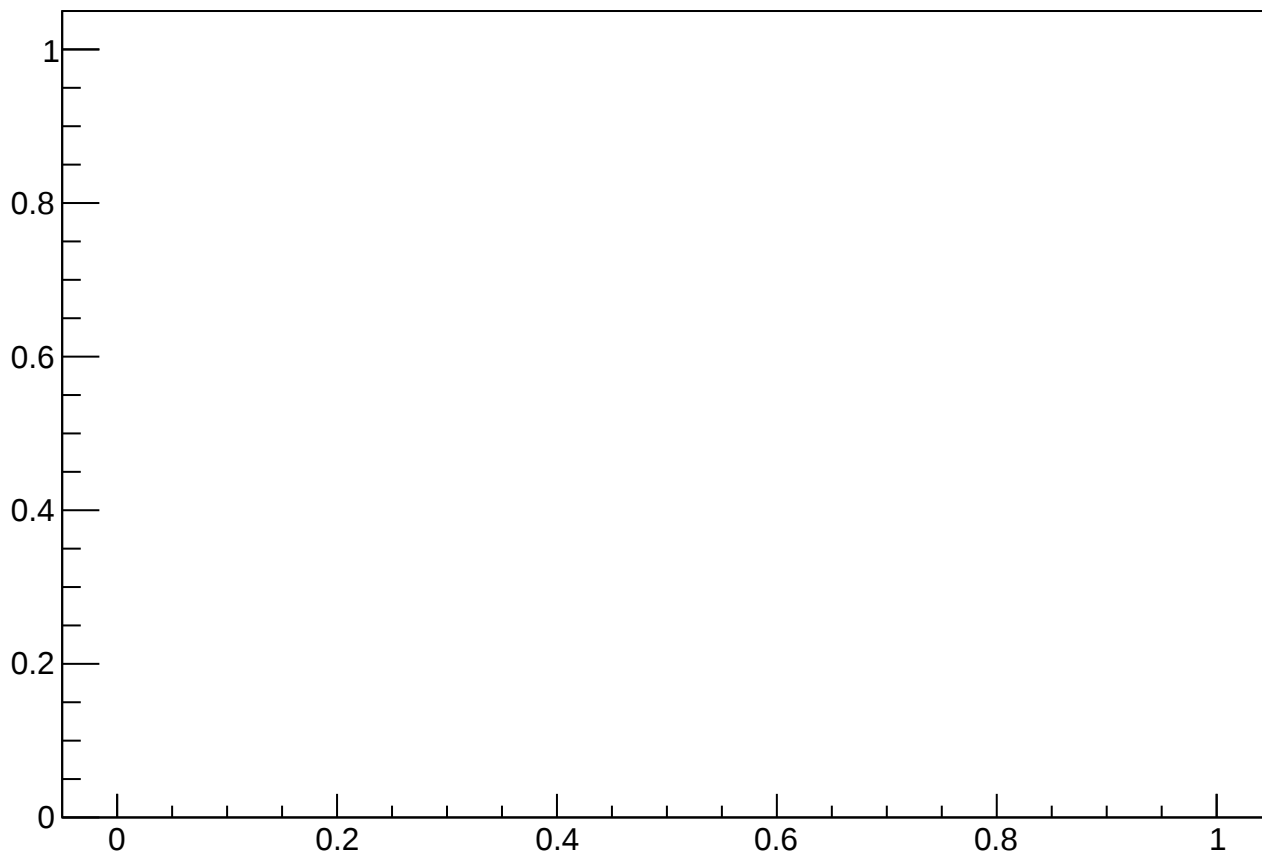
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

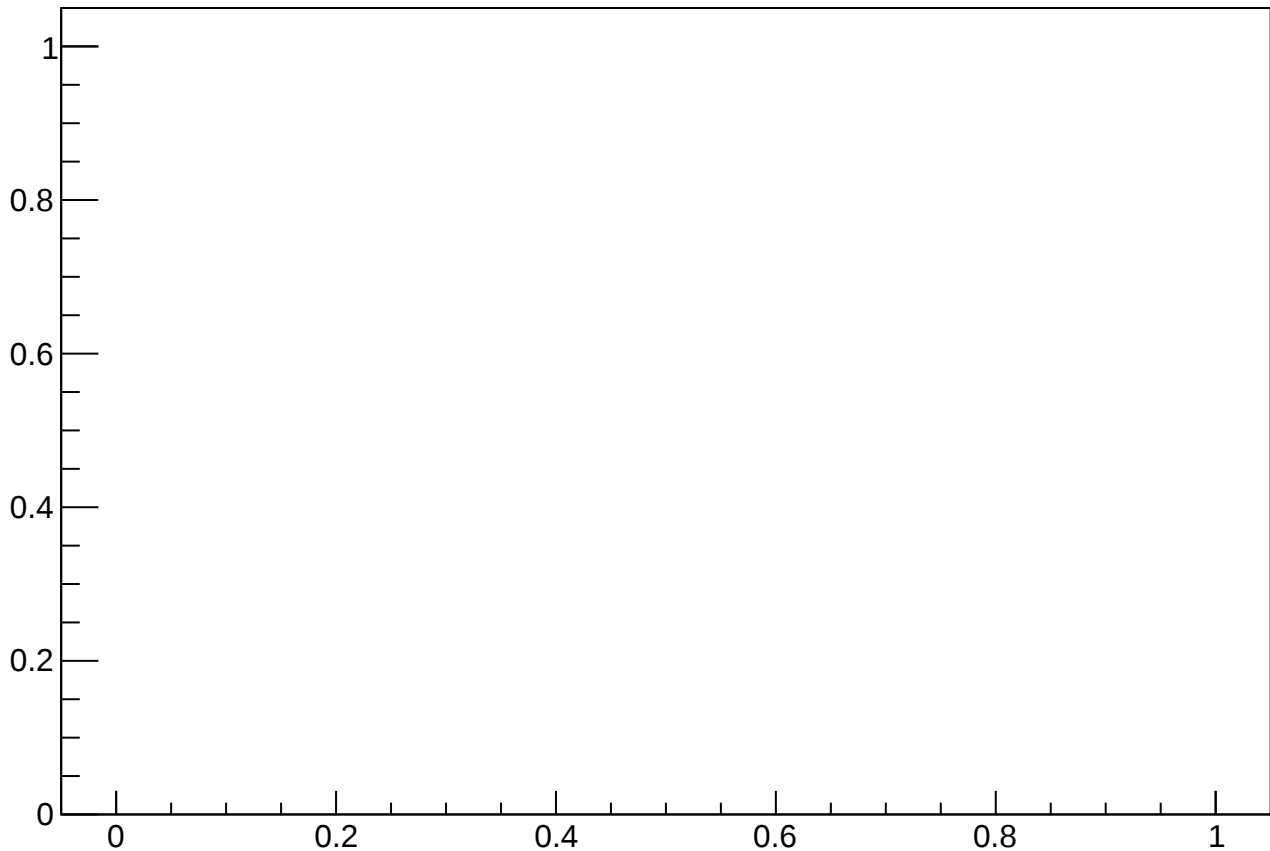
dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

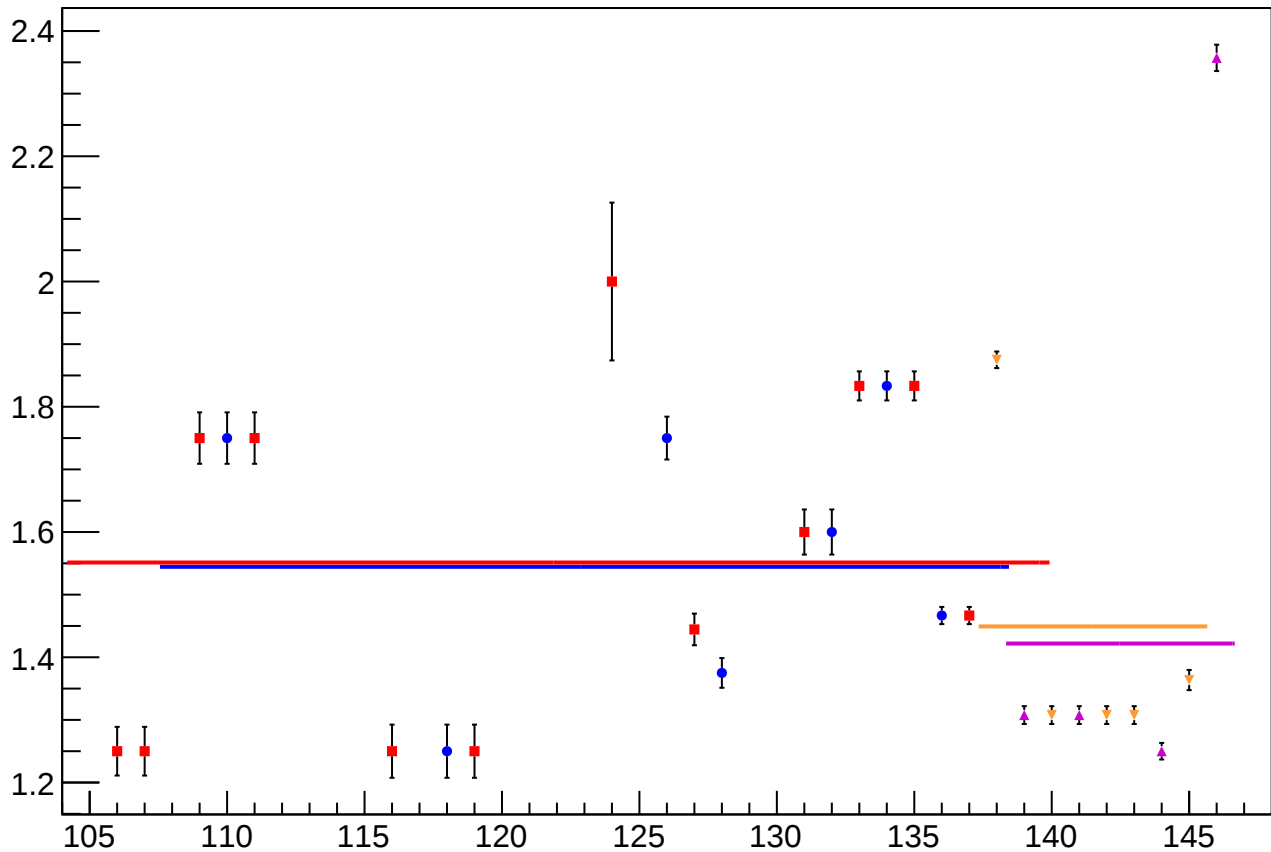
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.449+/-0.006 χ^2/NDF :1359.5/4

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.422+/-0.007 χ^2/NDF :2269.6/3

Left: 1.438+/-0.005 χ^2/NDF : 3636.9/8

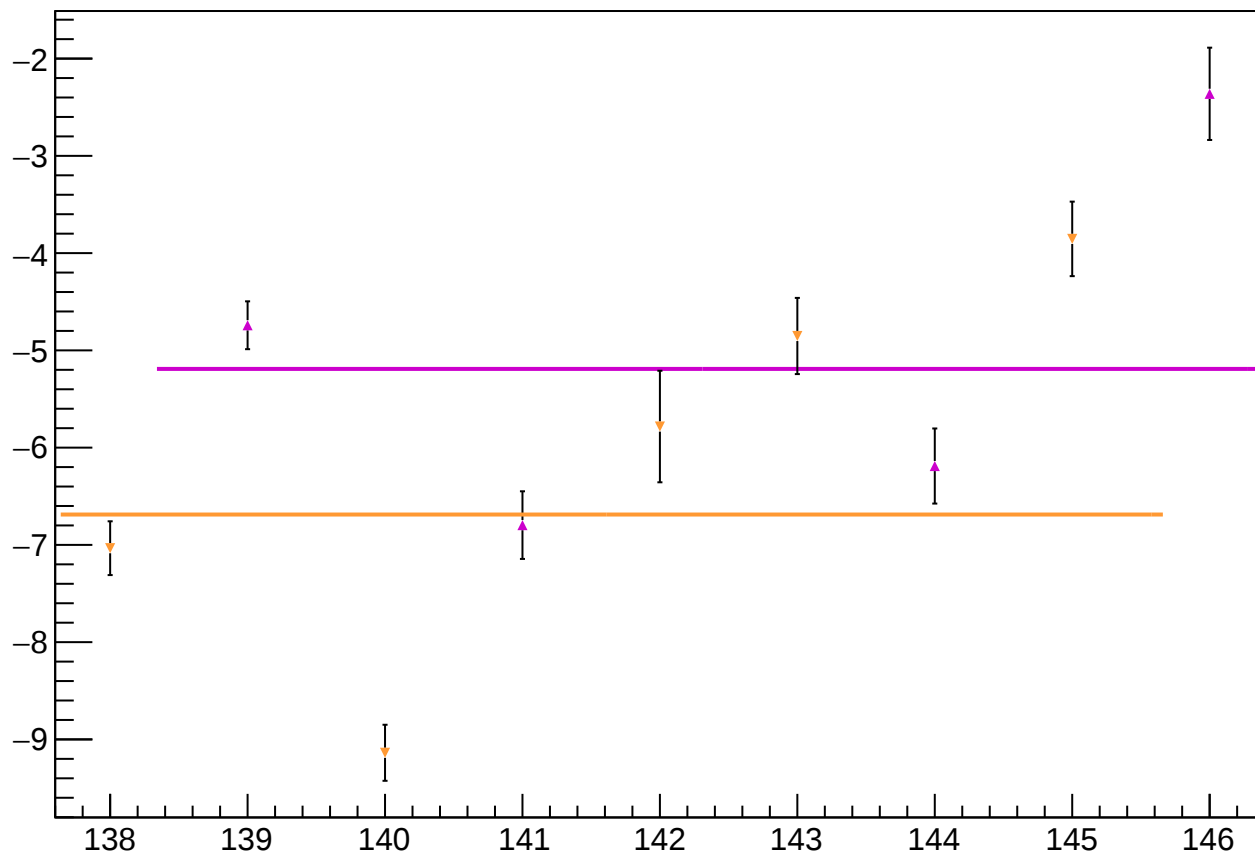
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.470+/-0.006 χ^2/NDF :2725.4/10

Out: 1.488+/-0.005 χ^2/NDF :2090.0/16

All: 1.481+/-0.004 χ^2/NDF : 4820.7/27

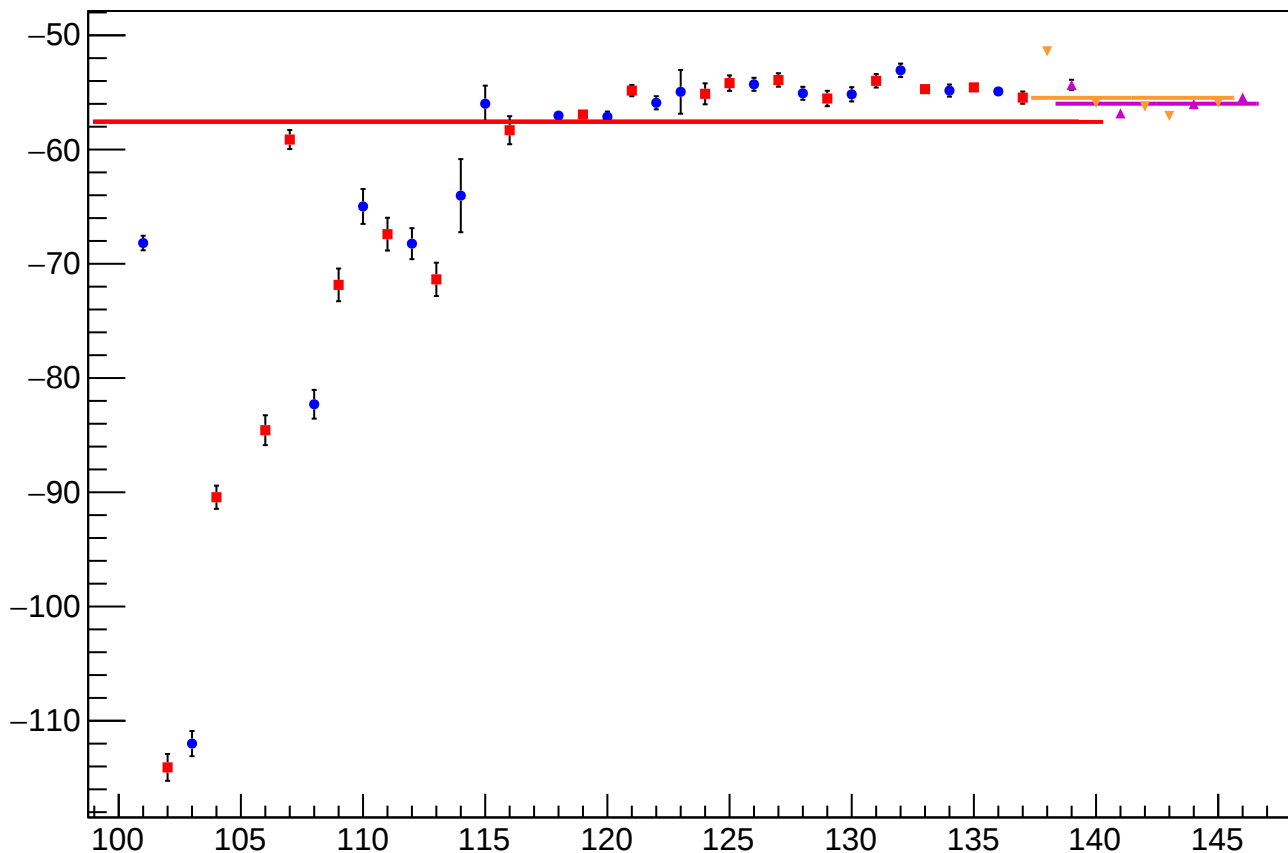
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.688+/-0.155 χ^2/NDF :153.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.191+/-0.167 χ^2/NDF :66.9/3

Left: -5.993+/-0.114 χ^2/NDF : 263.1/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.191+/-0.167 χ^2/NDF :66.9/3
 Out: -6.688+/-0.155 χ^2/NDF :153.1/4
 All: -5.993+/-0.114 χ^2/NDF : 263.1/8

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.473 $\pm$ 0.132 χ^2 /NDF:203.0/4

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -55.987 $\pm$ 0.150 χ^2 /NDF:28.1/3

Left: -55.697 $\pm$ 0.099 χ^2 /NDF: 237.7/8

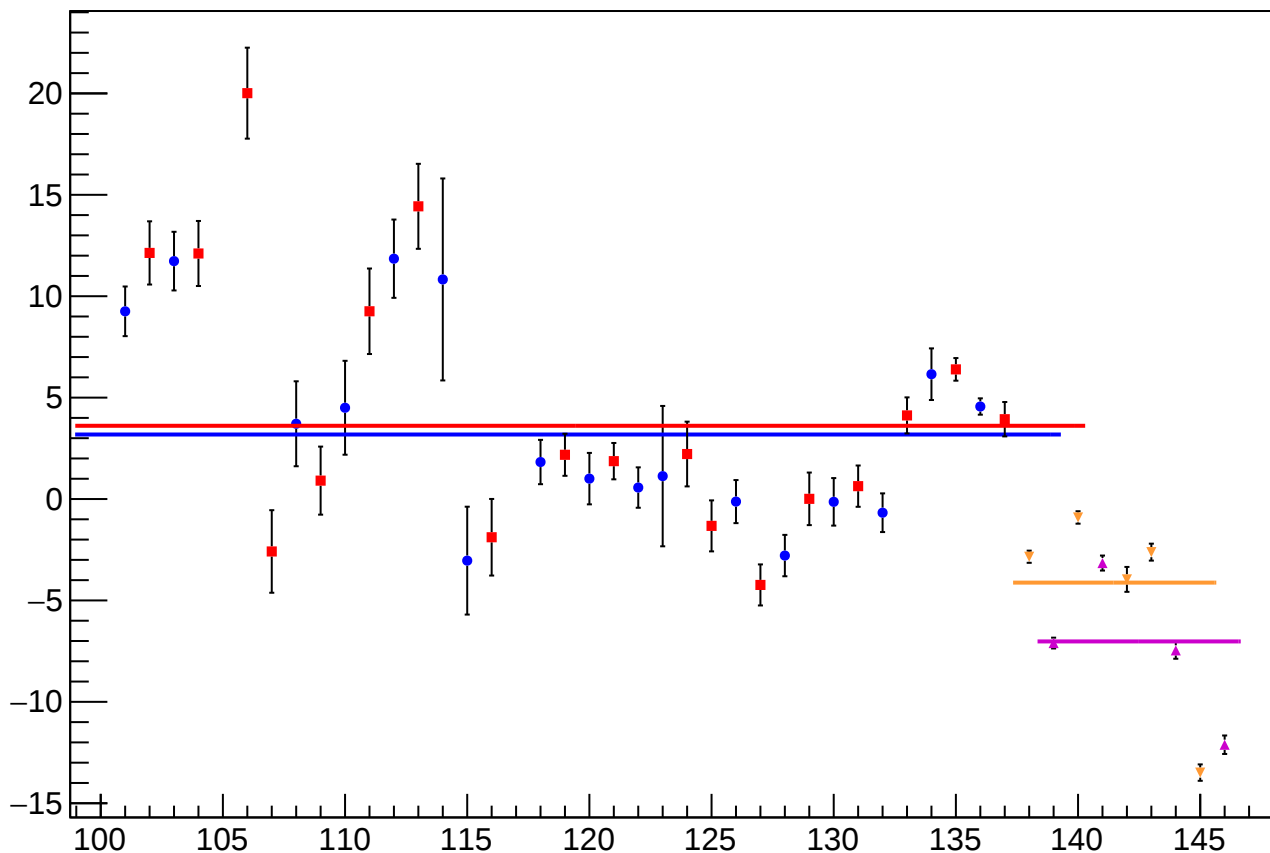
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.814 $\pm$ 0.103 χ^2 /NDF:3545.8/20

Out: -56.442 $\pm$ 0.097 χ^2 /NDF:4664.2/22

All: -56.617 $\pm$ 0.071 χ^2 /NDF: 8216.9/43

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -4.121 ± 0.166 $\chi^2/\text{NDF}: 677.1/4$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -7.021 ± 0.177 $\chi^2/\text{NDF}: 235.4/3$

Left: -5.484 ± 0.121 $\chi^2/\text{NDF}: 1055.6/8$

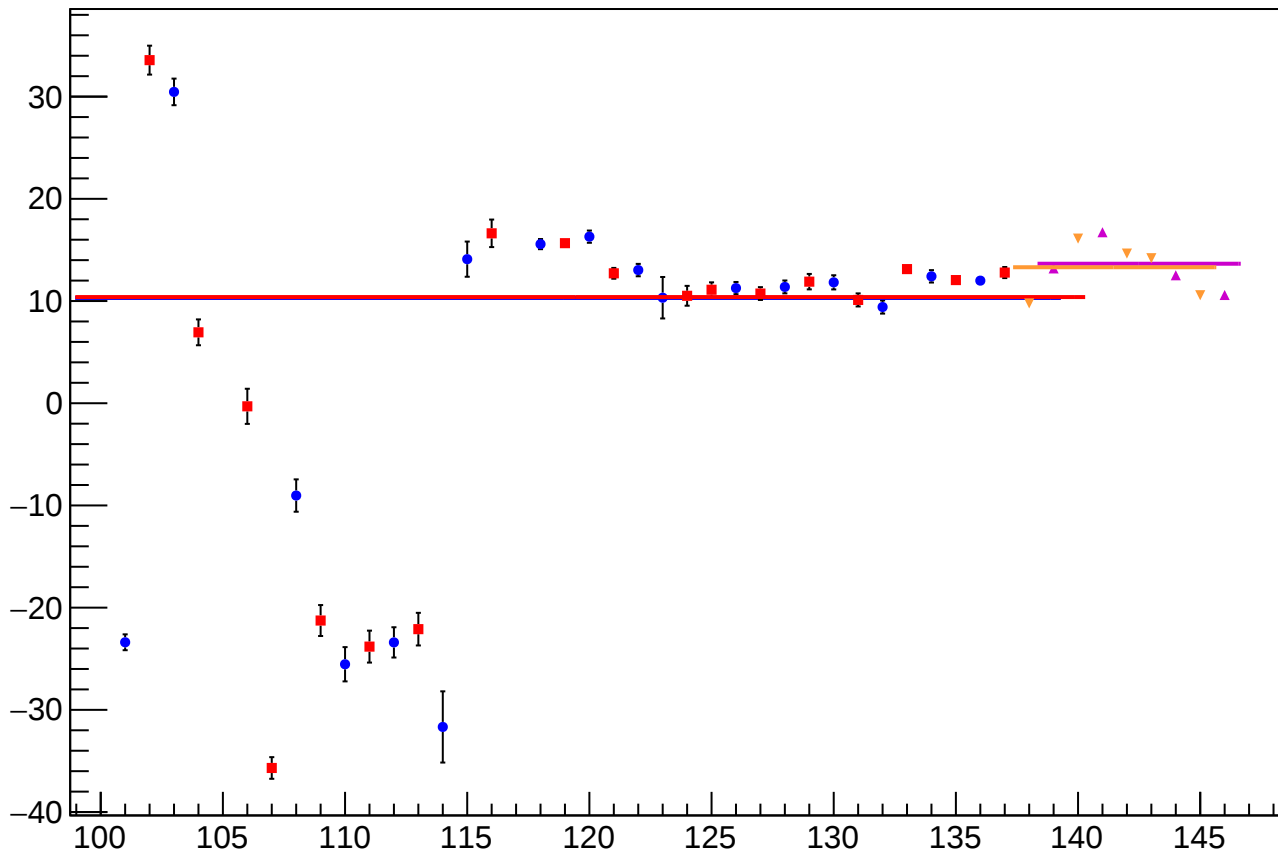
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -3.769 ± 0.146 $\chi^2/\text{NDF}: 1485.9/20$

Out: -1.972 ± 0.141 $\chi^2/\text{NDF}: 1568.1/22$

All: -2.842 ± 0.101 $\chi^2/\text{NDF}: 3132.4/43$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.306+/-0.154 χ^2/NDF : 266.9/4

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 13.650+/-0.175 χ^2/NDF : 183.3/3

Left: 13.457+/-0.116 χ^2/NDF : 452.4/8

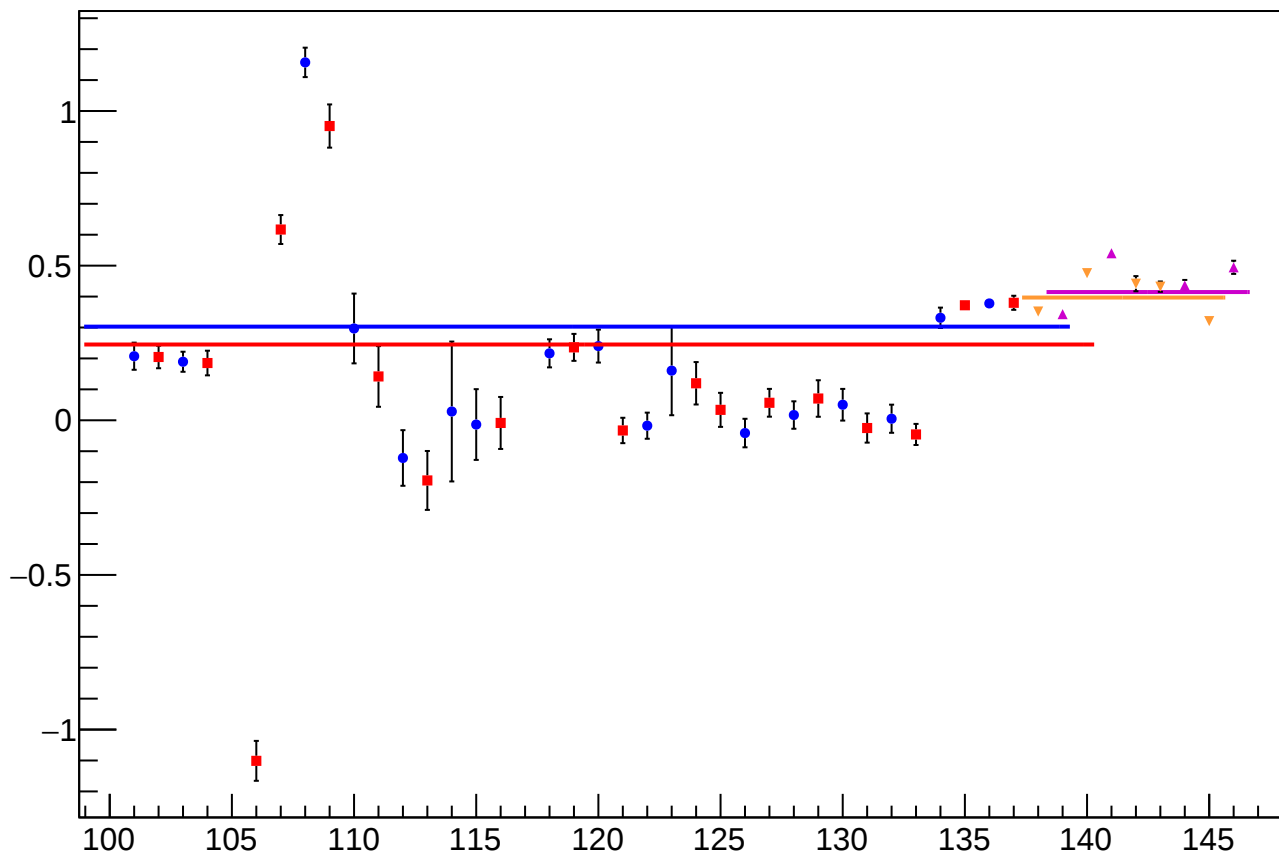
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.797+/-0.117 χ^2/NDF : 4086.1/20

Out: 11.900+/-0.111 χ^2/NDF : 4225.8/22

All: 11.851+/-0.080 χ^2/NDF : 8312.3/43

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: 0.397 $\pm$ 0.007 χ^2 /NDF:81.4/4

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.415 $\pm$ 0.007 χ^2 /NDF:144.5/3

Left: 0.406 $\pm$ 0.005 χ^2 /NDF: 229.3/8

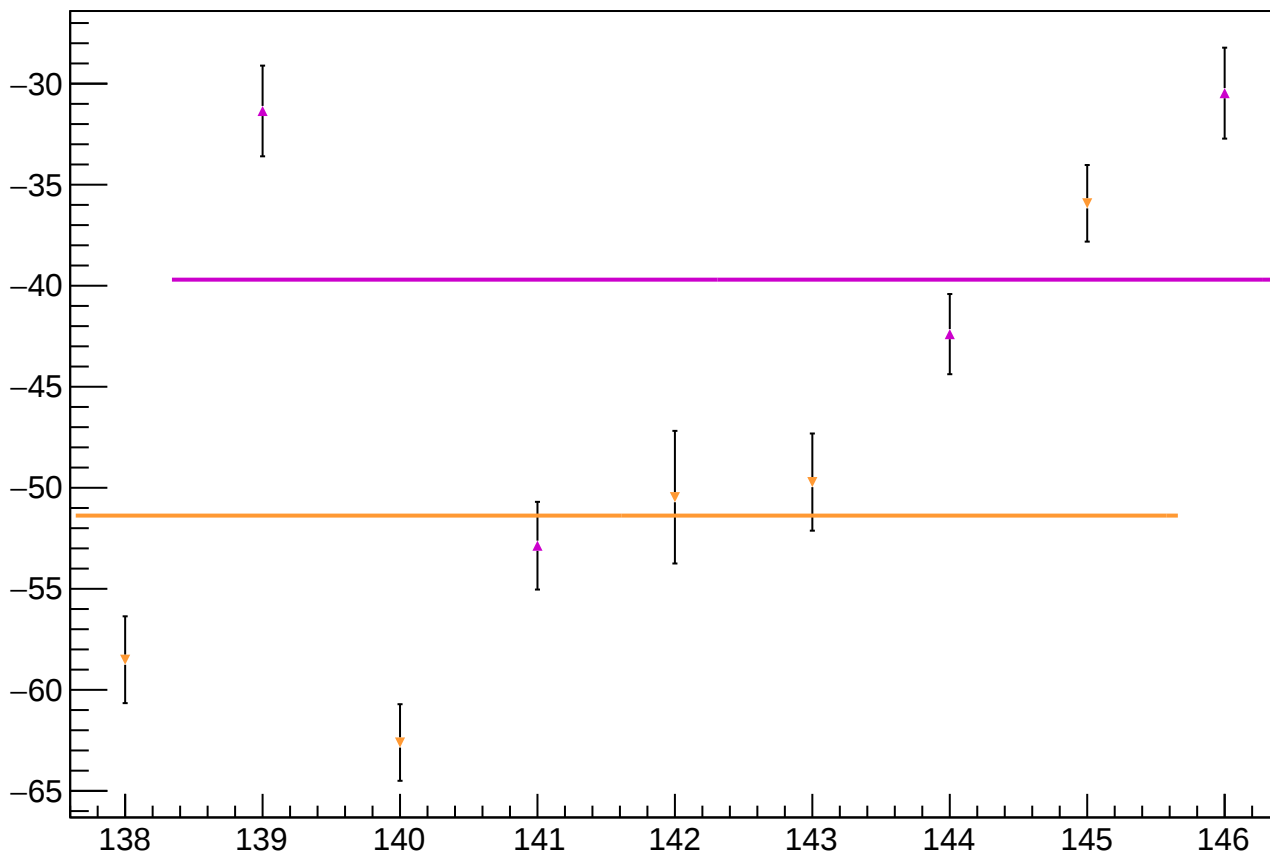
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.368 $\pm$ 0.005 χ^2 /NDF:900.8/20

Out: 0.339 $\pm$ 0.005 χ^2 /NDF:1232.7/22

All: 0.354 $\pm$ 0.004 χ^2 /NDF: 2149.2/43

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.376+/-0.981 χ^2/NDF :113.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.700+/-1.077 χ^2/NDF :69.3/3

Left: -46.081+/-0.725 χ^2/NDF : 246.7/8

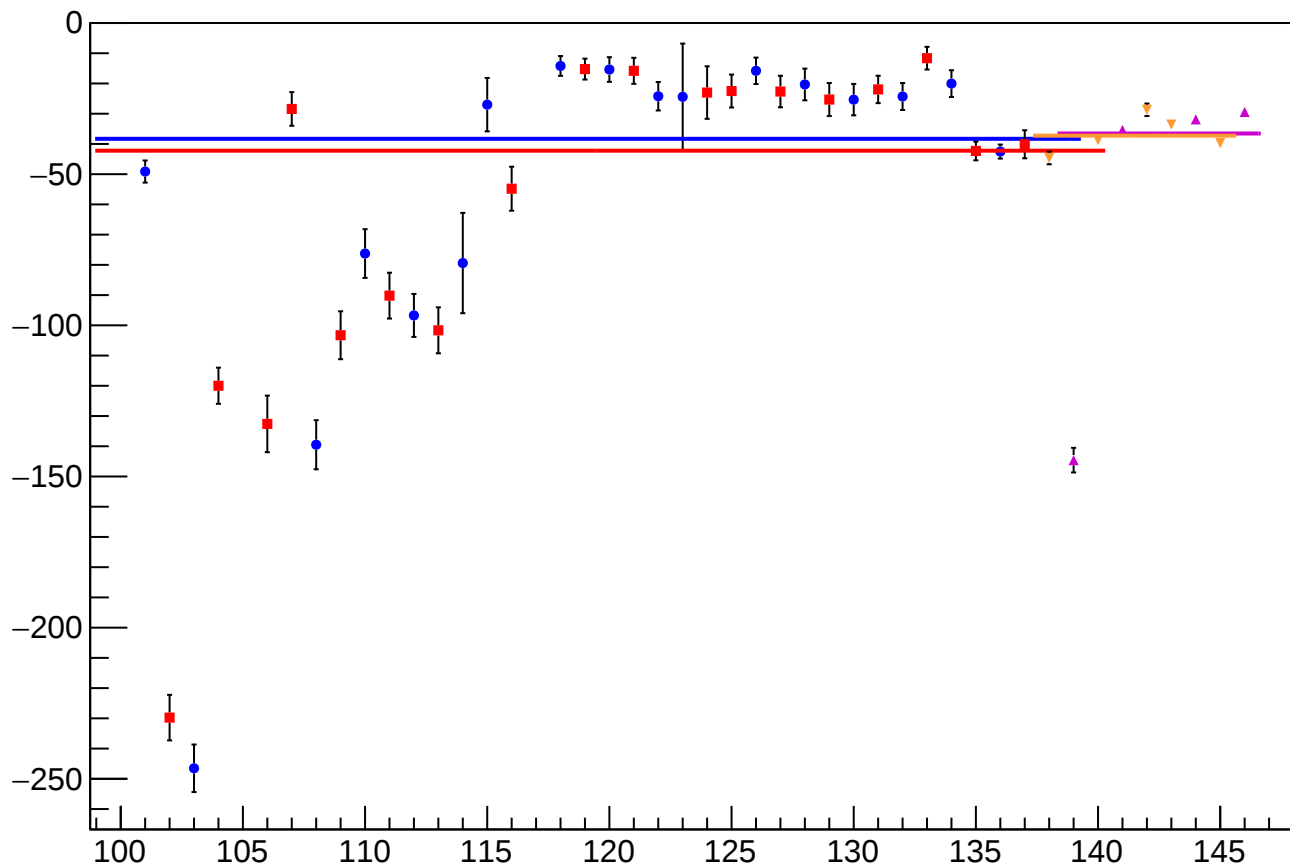
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.700+/-1.077 χ^2/NDF :69.3/3

Out: -51.376+/-0.981 χ^2/NDF :113.1/4

All: -46.081+/-0.725 χ^2/NDF : 246.7/8

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -37.255 ± 0.773 $\chi^2/\text{NDF}: 37.8/4$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -36.549 ± 0.817 $\chi^2/\text{NDF}: 742.1/3$

Left: -36.922 ± 0.562 $\chi^2/\text{NDF}: 780.3/8$

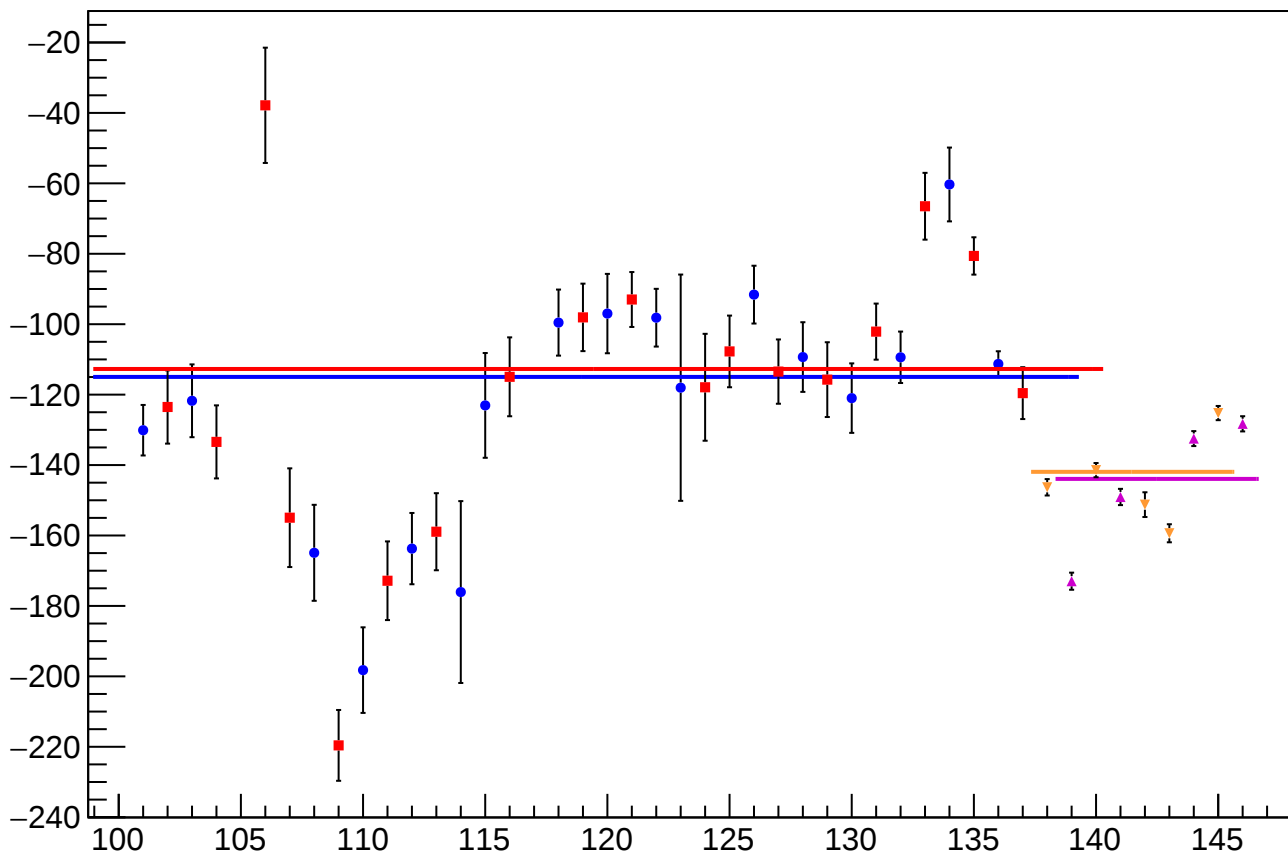
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -37.146 ± 0.664 $\chi^2/\text{NDF}: 1876.4/20$

Out: -38.699 ± 0.652 $\chi^2/\text{NDF}: 1328.0/22$

All: -37.937 ± 0.465 $\chi^2/\text{NDF}: 3207.2/43$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -141.922 ± 1.049 $\chi^2/\text{NDF}: 125.4/4$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -143.930 ± 1.123 $\chi^2/\text{NDF}: 229.6/3$

Left: -142.858 ± 0.767 $\chi^2/\text{NDF}: 356.7/8$

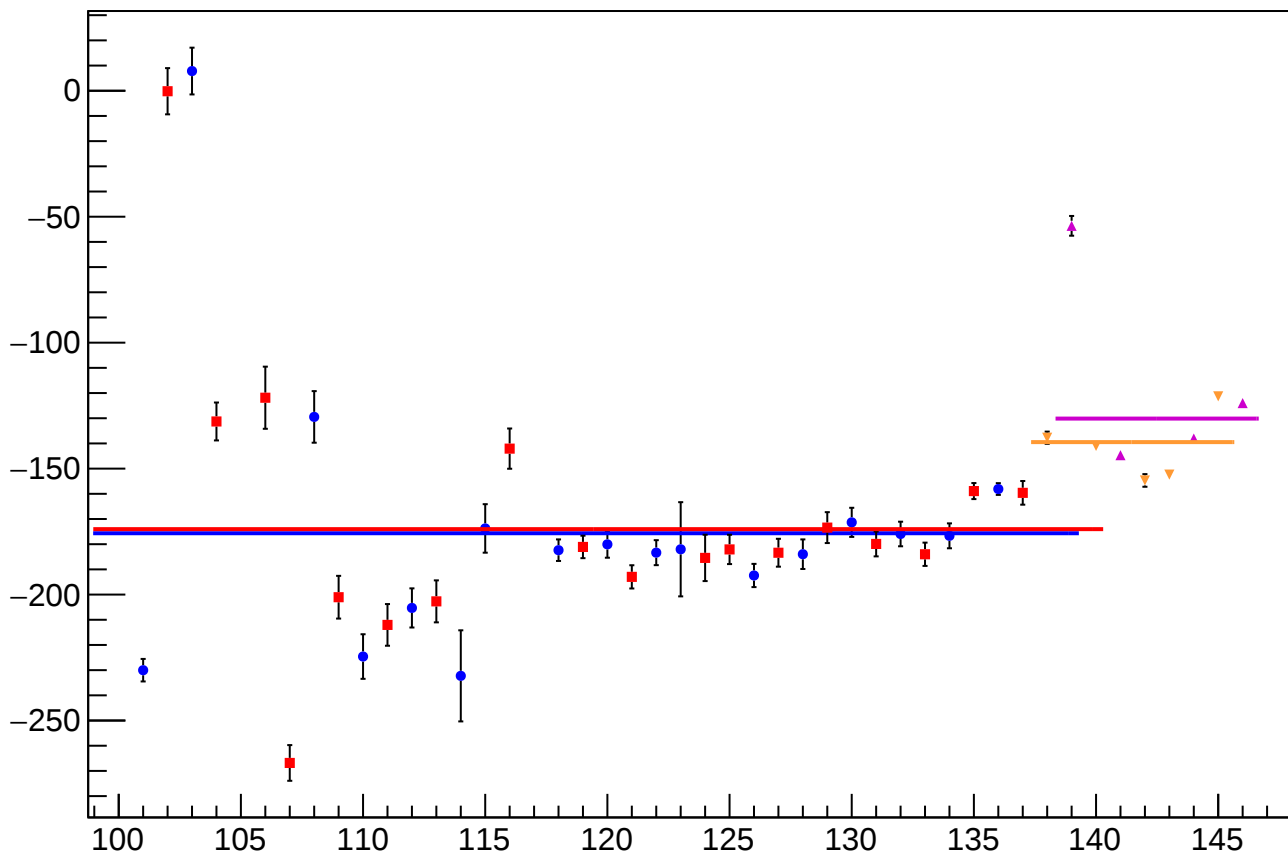
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -137.370 ± 0.987 $\chi^2/\text{NDF}: 521.8/20$

Out: -136.552 ± 0.948 $\chi^2/\text{NDF}: 535.0/22$

All: -136.944 ± 0.684 $\chi^2/\text{NDF}: 1057.1/43$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -139.475 ± 0.916 χ^2/NDF : 186.4/4

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -130.138 ± 0.982 χ^2/NDF : 476.3/3

Left: -135.127 ± 0.670 χ^2/NDF : 711.1/8

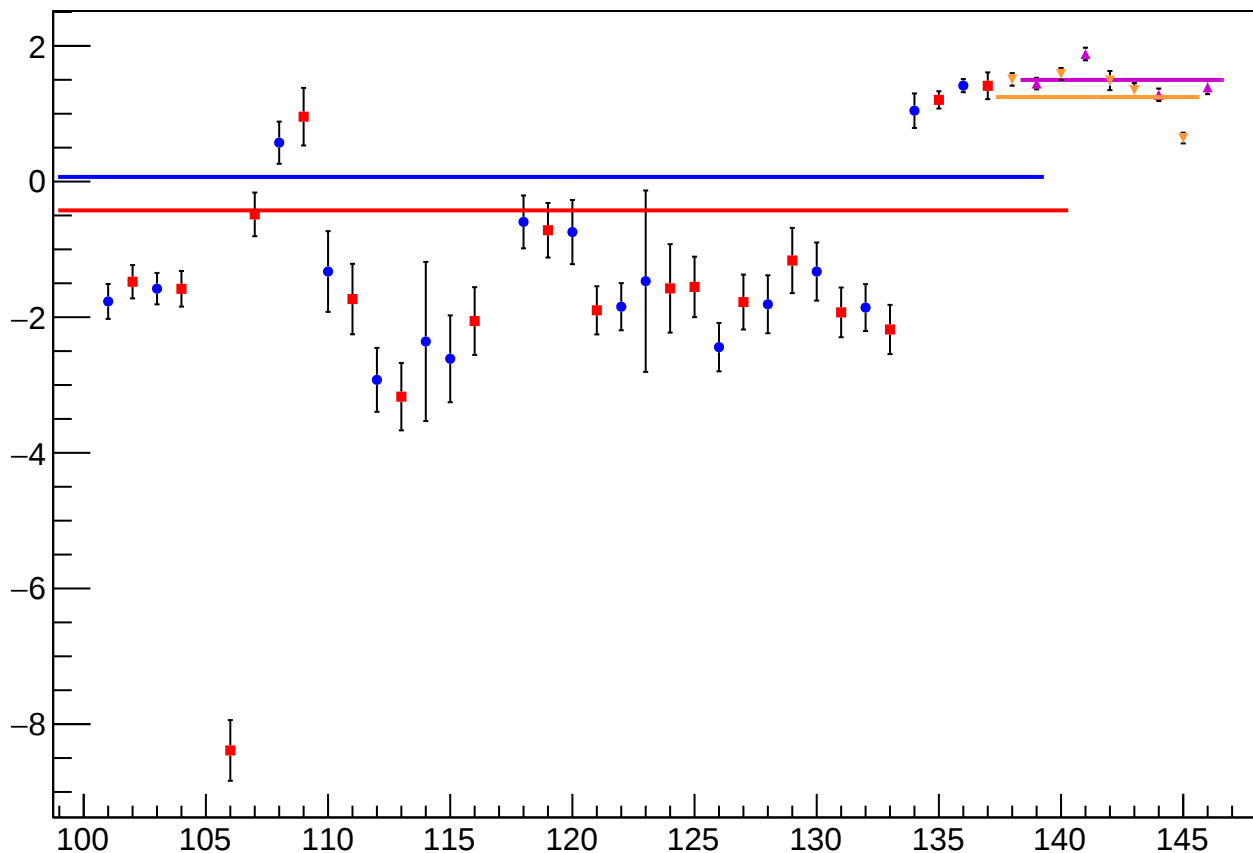
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -147.177 ± 0.777 χ^2/NDF : 1973.0/20

Out: -150.317 ± 0.759 χ^2/NDF : 1335.9/22

All: -148.783 ± 0.543 χ^2/NDF : 3317.3/43

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: 1.246 $\pm$ 0.043 χ^2 /NDF:85.2/4

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.498 $\pm$ 0.046 χ^2 /NDF:24.0/3

Left: 1.362 $\pm$ 0.031 χ^2 /NDF: 125.4/8

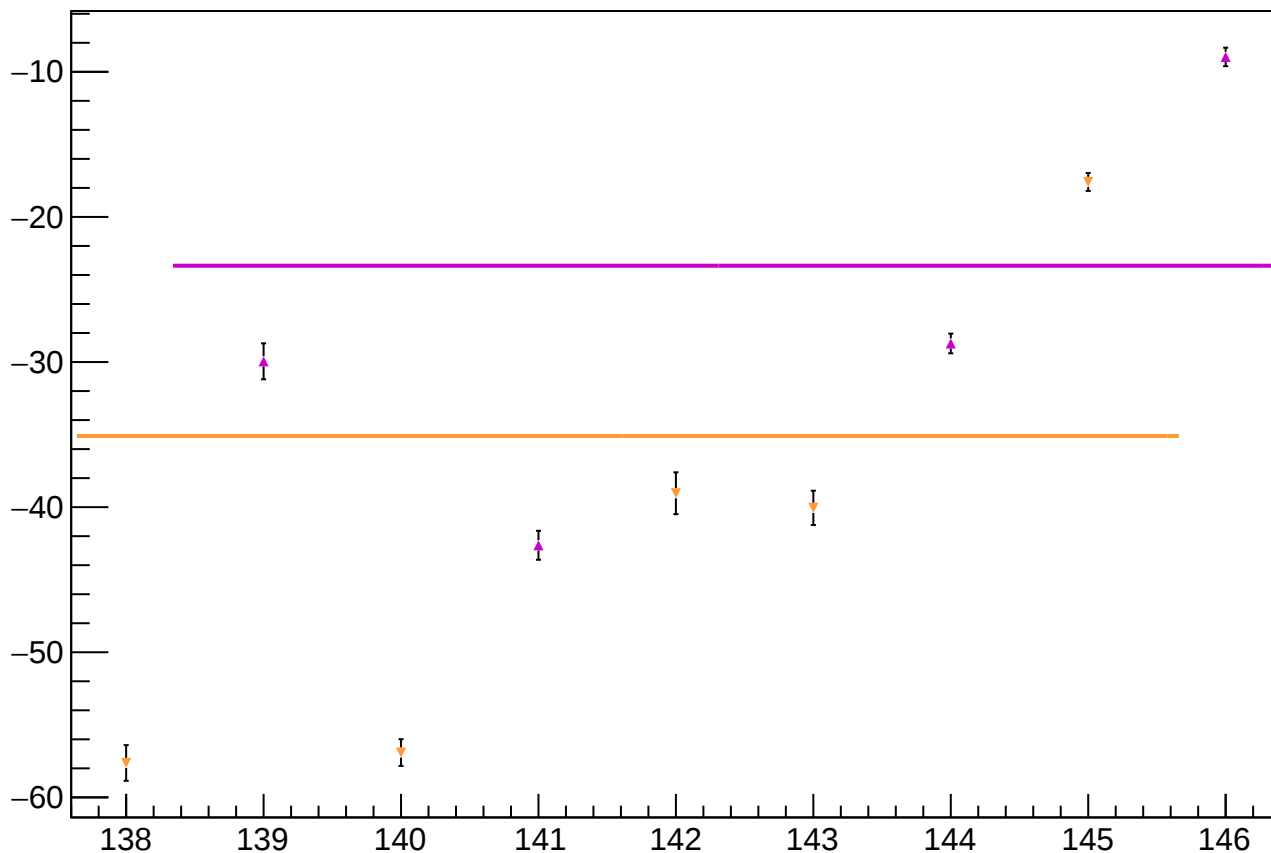
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.037 $\pm$ 0.038 χ^2 /NDF:858.4/20

Out: 0.805 $\pm$ 0.037 χ^2 /NDF:1233.2/22

All: 0.916 $\pm$ 0.026 χ^2 /NDF: 2110.8/43

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.098+/-0.420 χ^2/NDF :1724.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.361+/-0.399 χ^2/NDF :970.8/3

Left: -28.923+/-0.289 χ^2/NDF : 3105.7/8

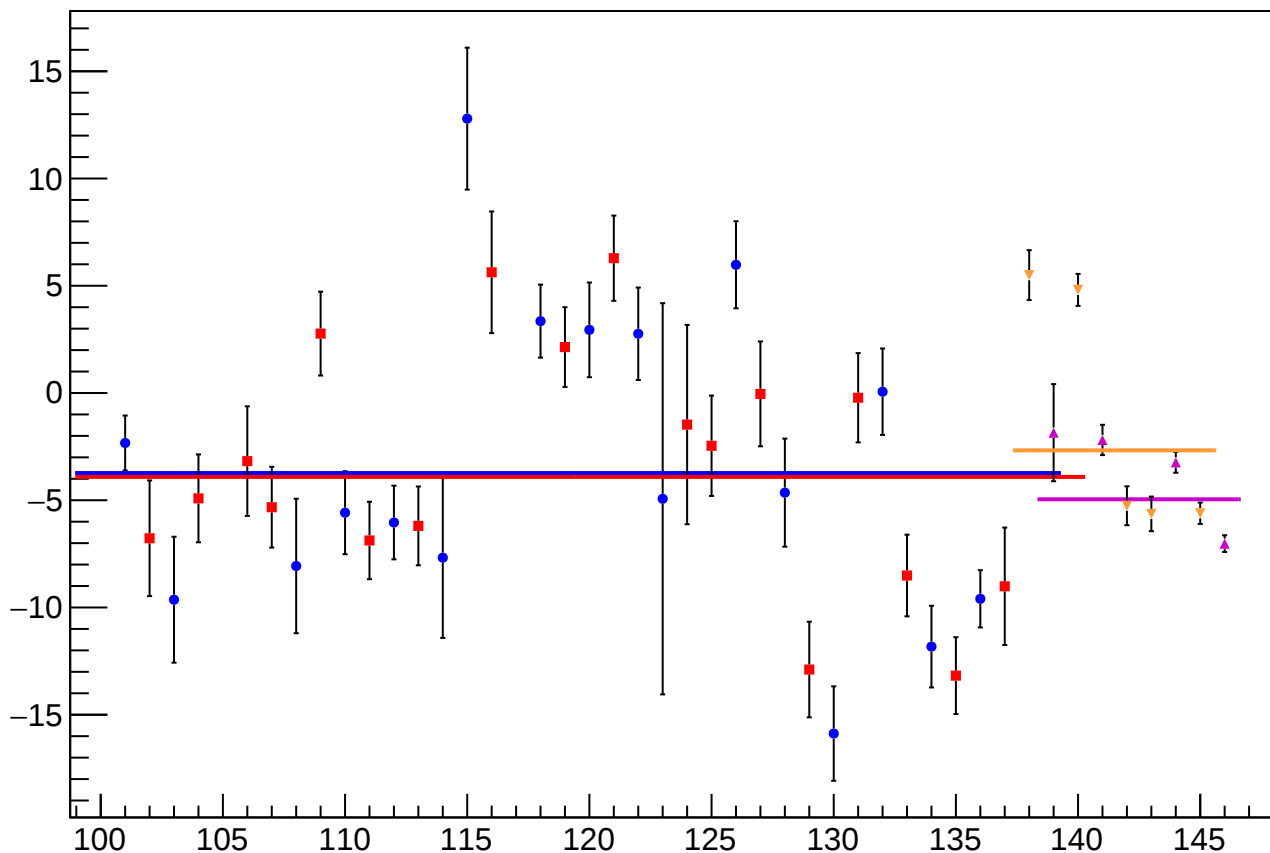
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.361+/-0.399 χ^2/NDF :970.8/3

Out: -35.098+/-0.420 χ^2/NDF :1724.7/4

All: -28.923+/-0.289 χ^2/NDF : 3105.7/8

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -2.673 ± 0.328 χ^2/NDF : 206.2/4

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -4.956 ± 0.277 χ^2/NDF : 58.0/3

Left: -4.006 ± 0.211 χ^2/NDF : 292.5/8

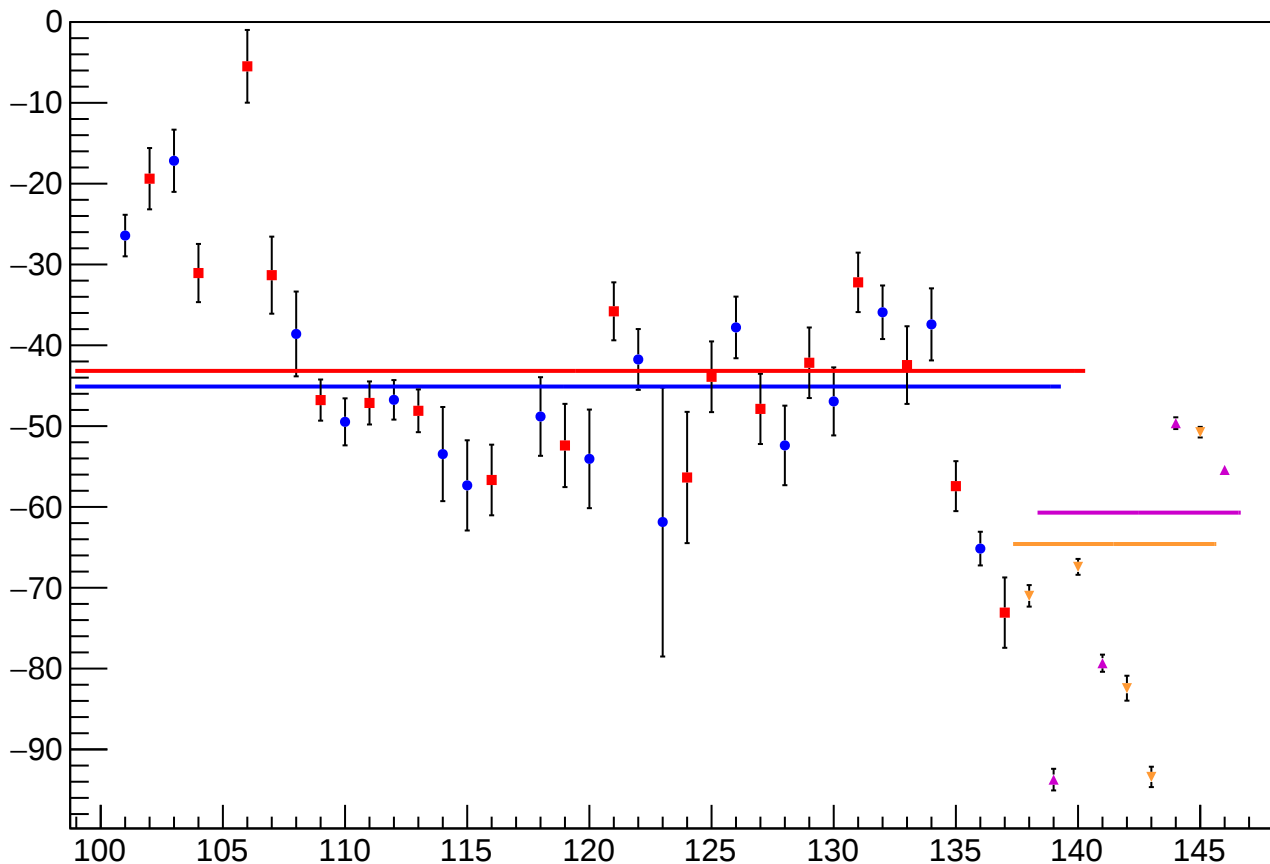
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -4.665 ± 0.242 χ^2/NDF : 228.5/20

Out: -3.038 ± 0.275 χ^2/NDF : 335.2/22

All: -3.957 ± 0.182 χ^2/NDF : 583.4/43

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -64.586 ± 0.448 χ^2/NDF : 1134.1/4

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -60.705 ± 0.408 χ^2/NDF : 1223.8/3

Left: -62.465 ± 0.302 χ^2/NDF : 2398.8/8

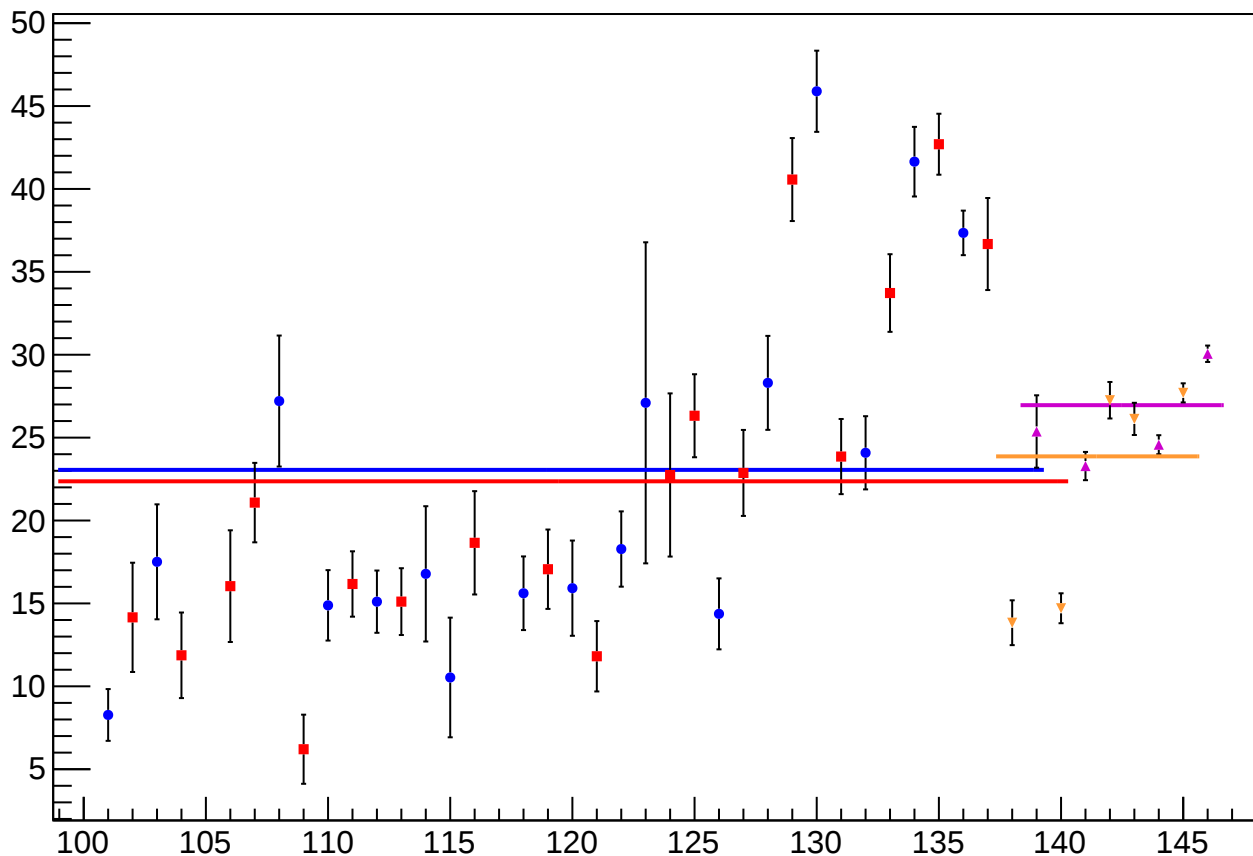
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -57.953 ± 0.371 χ^2/NDF : 1711.8/20

Out: -60.168 ± 0.399 χ^2/NDF : 1838.1/22

All: -58.978 ± 0.272 χ^2/NDF : 3566.4/43

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: 23.869 $\pm$ 0.387 χ^2 /NDF:217.2/4

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 26.958 $\pm$ 0.339 χ^2 /NDF:75.7/3

Left: 25.619 $\pm$ 0.255 χ^2 /NDF: 328.9/8

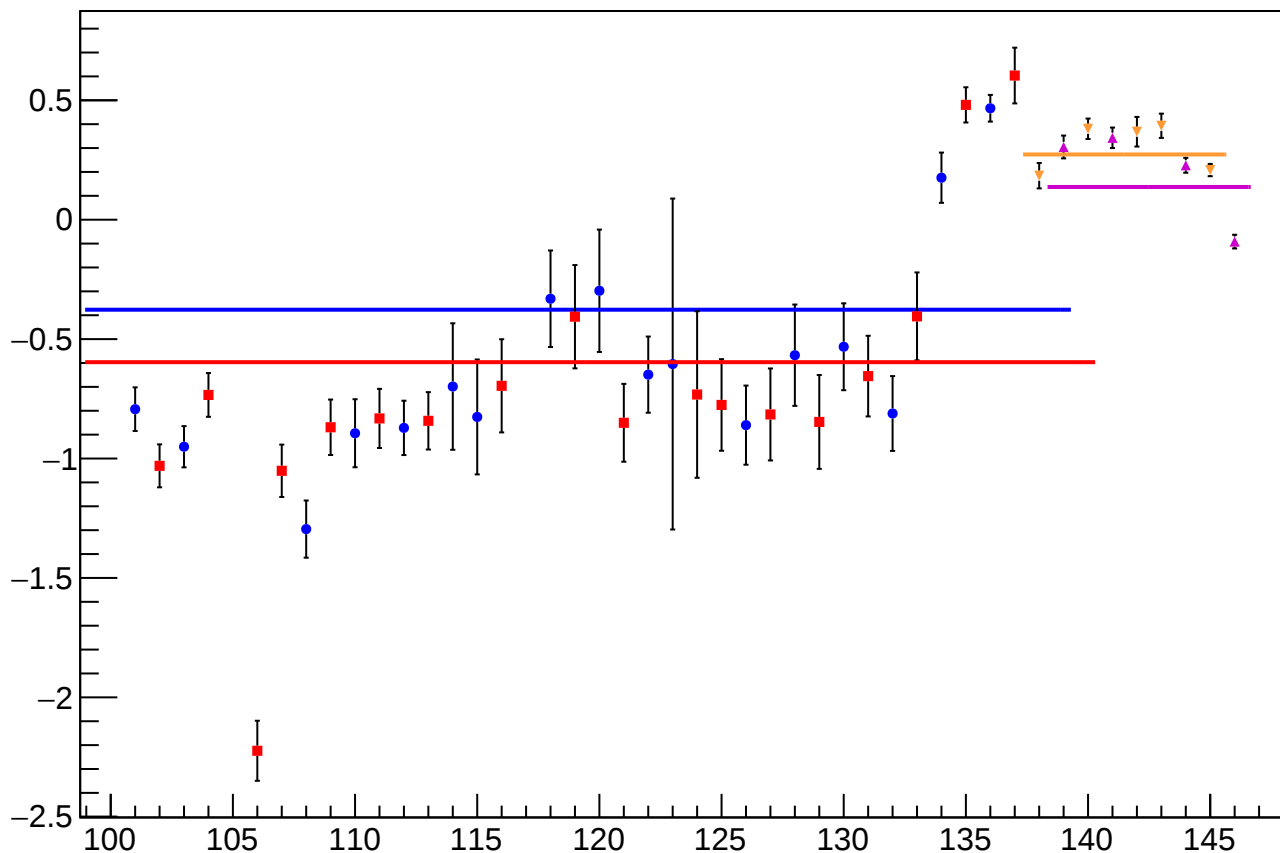
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 25.904 $\pm$ 0.289 χ^2 /NDF:572.6/20

Out: 23.397 $\pm$ 0.321 χ^2 /NDF:590.7/22

All: 24.779 $\pm$ 0.215 χ^2 /NDF: 1197.0/43

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: 0.273 ± 0.018 $\chi^2/\text{NDF}: 23.5/4$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.137 ± 0.018 $\chi^2/\text{NDF}: 107.5/3$

Left: 0.203 ± 0.013 $\chi^2/\text{NDF}: 160.0/8$

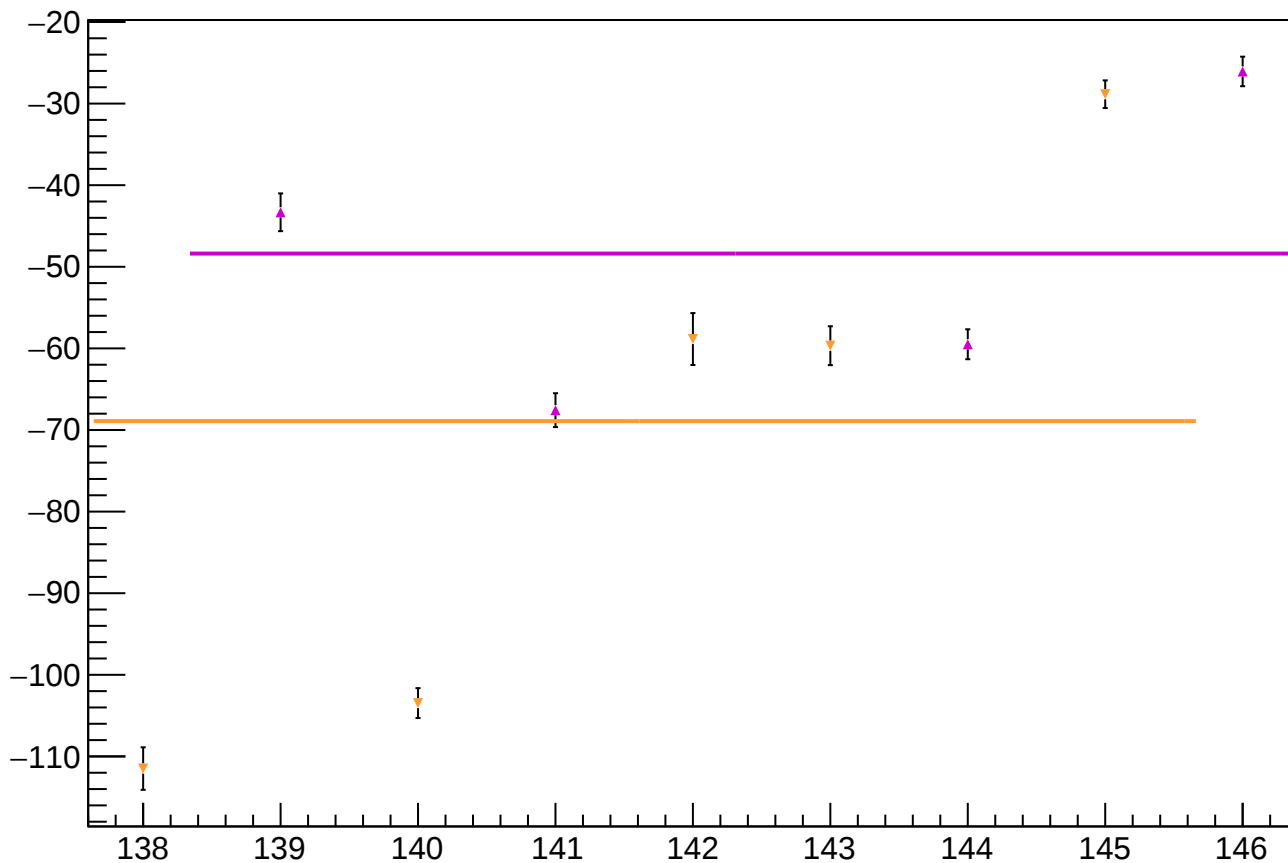
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.006 ± 0.015 $\chi^2/\text{NDF}: 762.0/20$

Out: 0.044 ± 0.016 $\chi^2/\text{NDF}: 1183.8/22$

All: 0.025 ± 0.011 $\chi^2/\text{NDF}: 1948.9/43$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.914+/-0.968 χ^2/NDF :1206.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.380+/-0.989 χ^2/NDF :279.0/3

Left: -58.875+/-0.692 χ^2/NDF : 1705.4/8

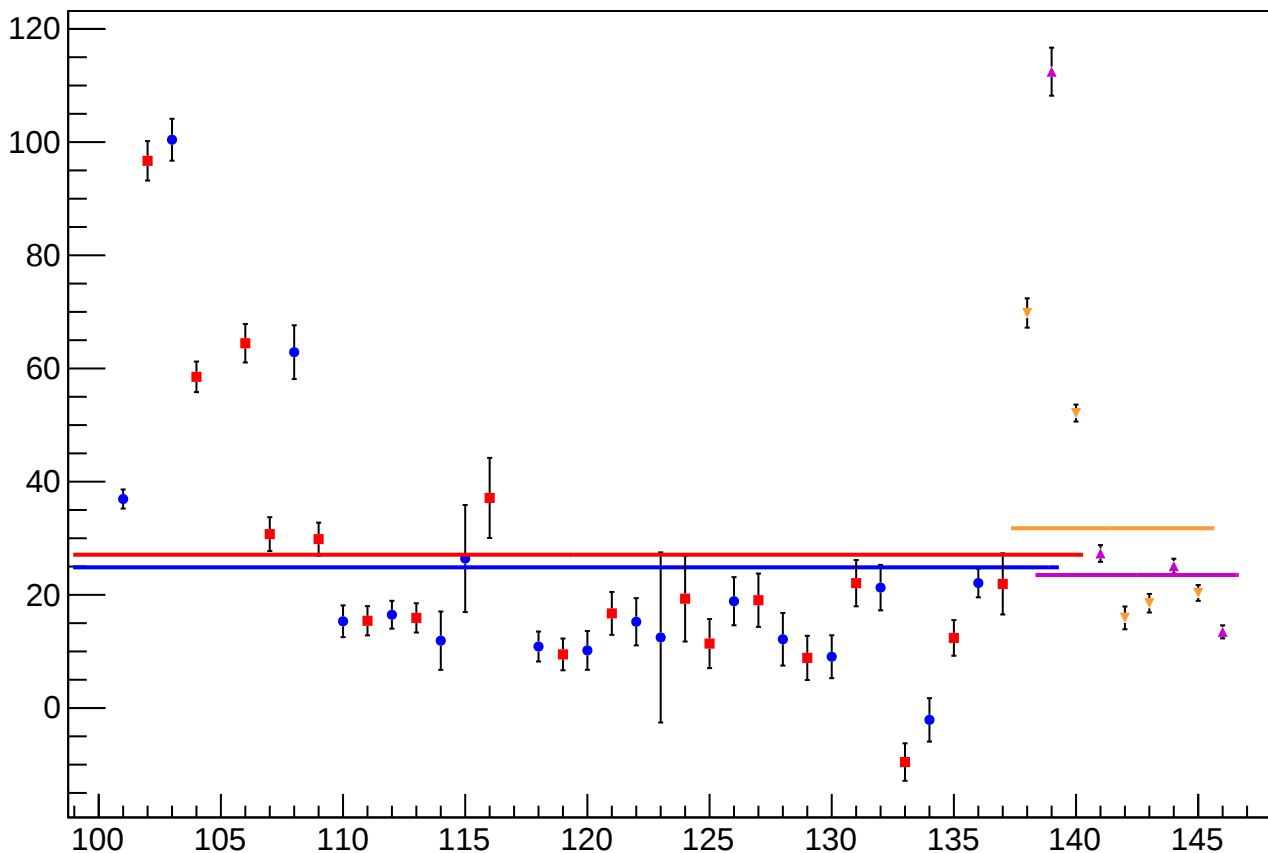
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.380+/-0.989 χ^2/NDF :279.0/3

Out: -68.914+/-0.968 χ^2/NDF :1206.2/4

All: -58.875+/-0.692 χ^2/NDF : 1705.4/8

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 31.768 ± 0.761 χ^2/NDF : 593.9/4

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 23.509 ± 0.735 χ^2/NDF : 523.9/3

Left: 27.496 ± 0.529 χ^2/NDF : 1178.7/8

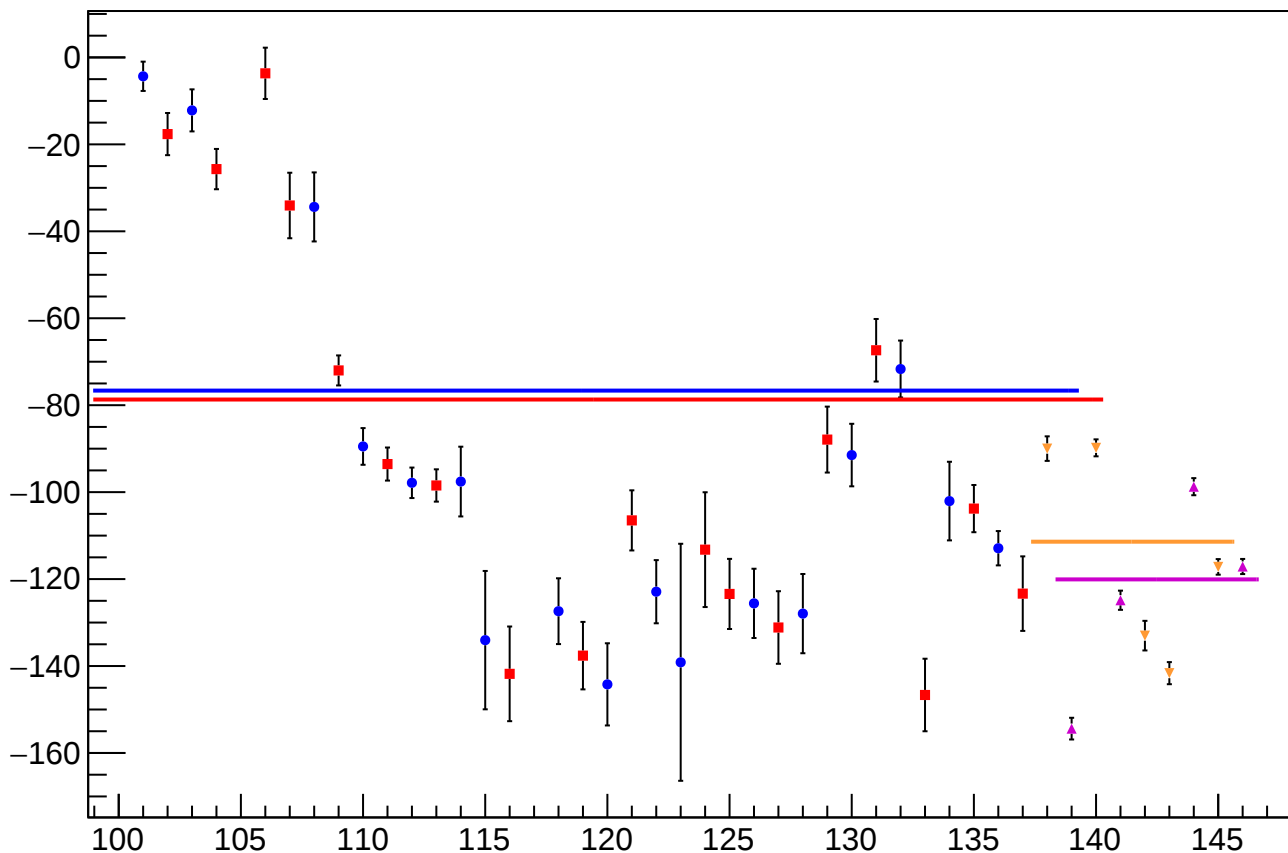
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 24.127 ± 0.542 χ^2/NDF : 1216.4/20

Out: 29.581 ± 0.555 χ^2/NDF : 1542.5/22

All: 26.788 ± 0.388 χ^2/NDF : 2808.4/43

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -111.399 ± 1.031 χ^2/NDF : 372.2/4

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -120.072 ± 1.023 χ^2/NDF : 314.3/3

Left: -115.769 ± 0.726 χ^2/NDF : 722.1/8

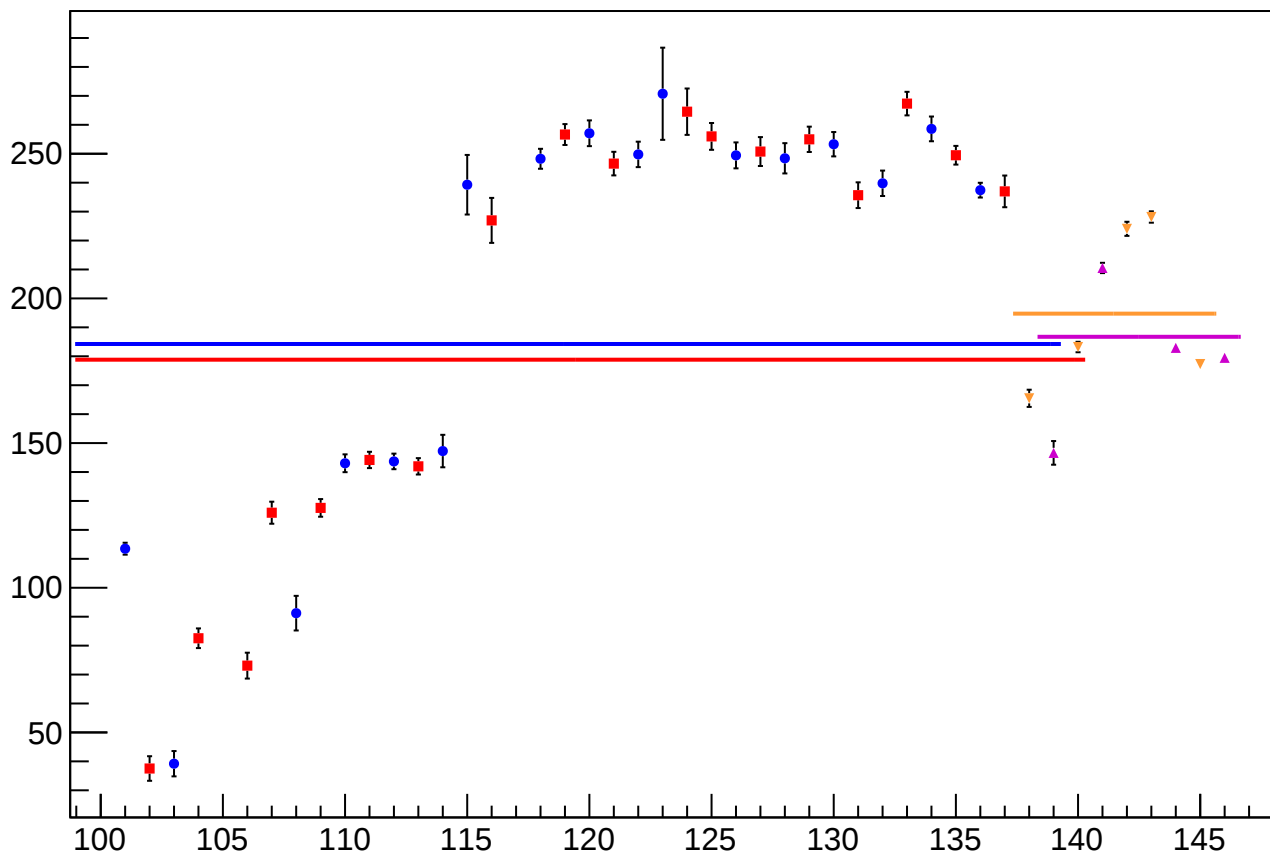
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -105.156 ± 0.829 χ^2/NDF : 1973.8/20

Out: -99.460 ± 0.822 χ^2/NDF : 1575.8/22

All: -102.282 ± 0.584 χ^2/NDF : 3573.4/43

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: 194.736 $\pm$ 0.900 χ^2 /NDF: 688.9/4

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 186.736 $\pm$ 0.884 χ^2 /NDF: 307.1/3

Left: 190.665 $\pm$ 0.631 χ^2 /NDF: 1036.2/8

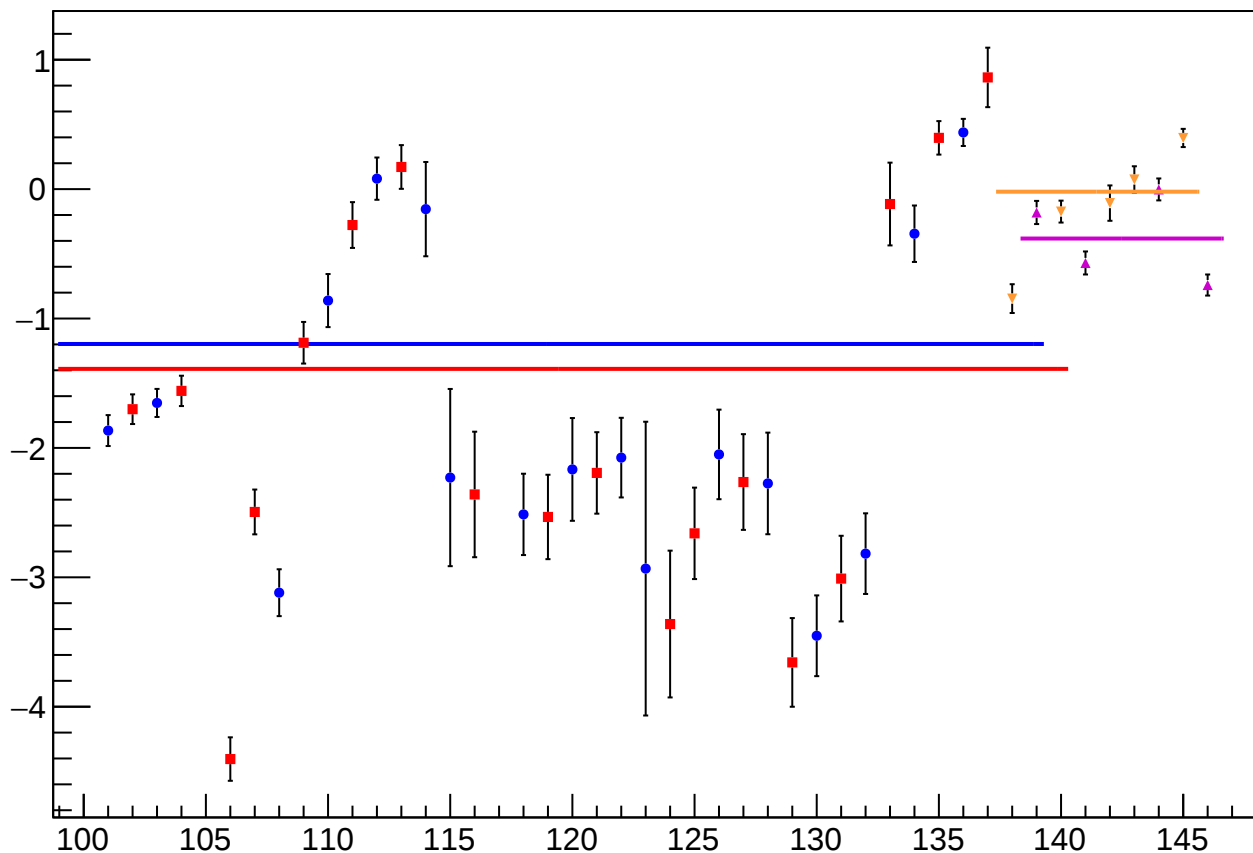
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 185.534 $\pm$ 0.636 χ^2 /NDF: 5699.5/20

Out: 187.001 $\pm$ 0.645 χ^2 /NDF: 7011.8/22

All: 186.257 $\pm$ 0.453 χ^2 /NDF: 12713.9/43

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.020 ± 0.042 χ^2/NDF : 94.6/4

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.382 ± 0.043 χ^2/NDF : 49.1/3

Left: -0.196 ± 0.030 χ^2/NDF : 180.1/8

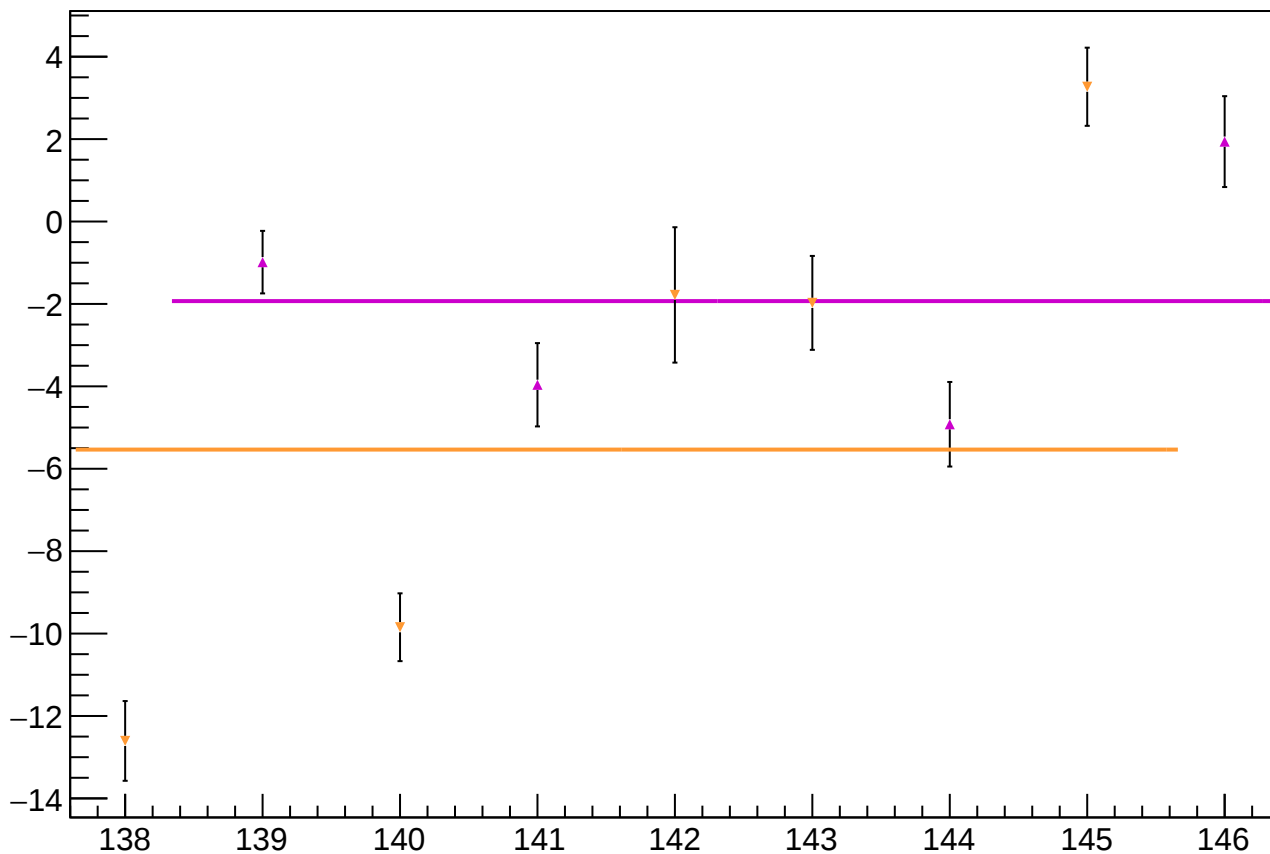
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.743 ± 0.032 χ^2/NDF : 830.0/20

Out: -0.639 ± 0.031 χ^2/NDF : 1501.1/22

All: -0.689 ± 0.022 χ^2/NDF : 2336.6/43

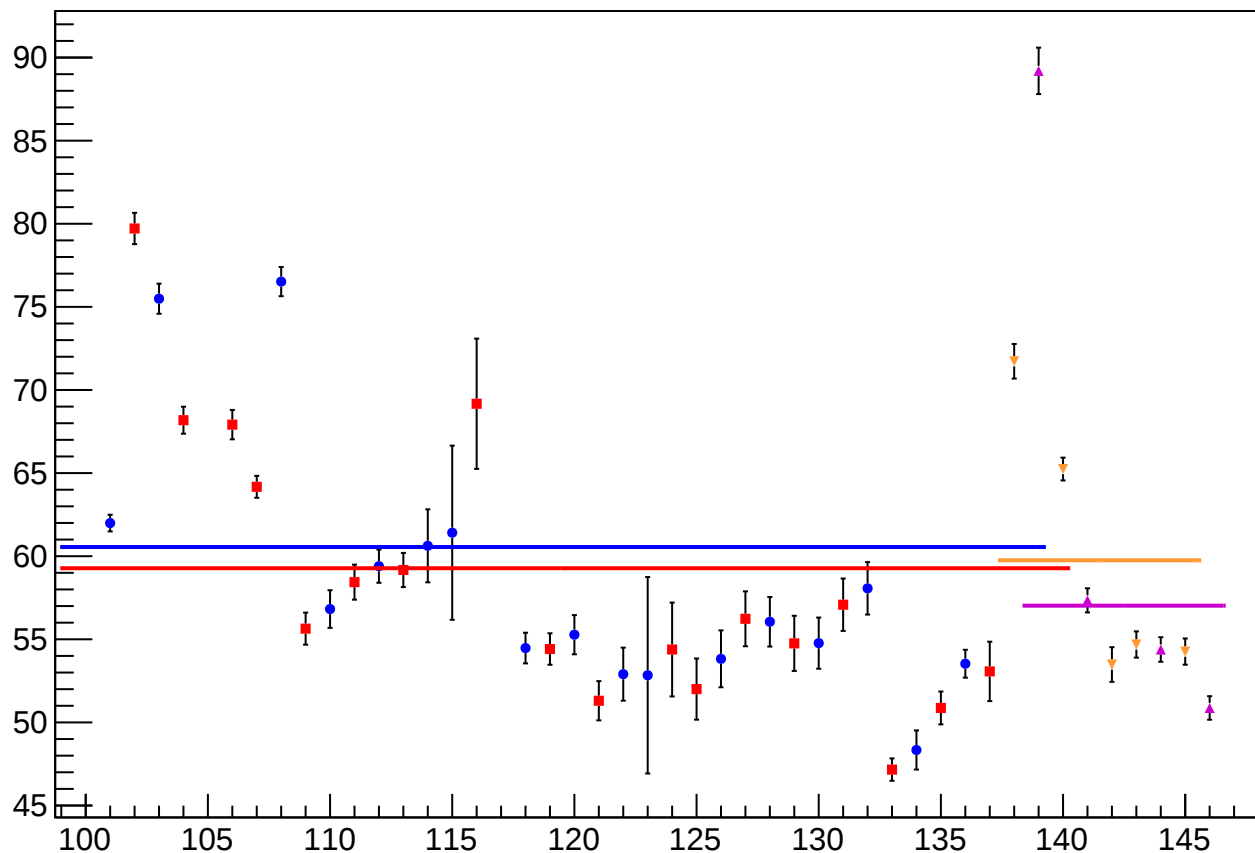
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.535+/-0.457 χ^2/NDF :182.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.931+/-0.472 χ^2/NDF :26.4/3

Left: -3.793+/-0.328 χ^2/NDF : 238.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.931+/-0.472 χ^2/NDF :26.4/3
 Out: -5.535+/-0.457 χ^2/NDF :182.0/4
 All: -3.793+/-0.328 χ^2/NDF : 238.5/8

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 59.753 $\pm$ 0.373 χ^2 /NDF:321.9/4

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 57.024 $\pm$ 0.400 χ^2 /NDF:619.6/3

Left: 58.484 $\pm$ 0.273 χ^2 /NDF: 966.4/8

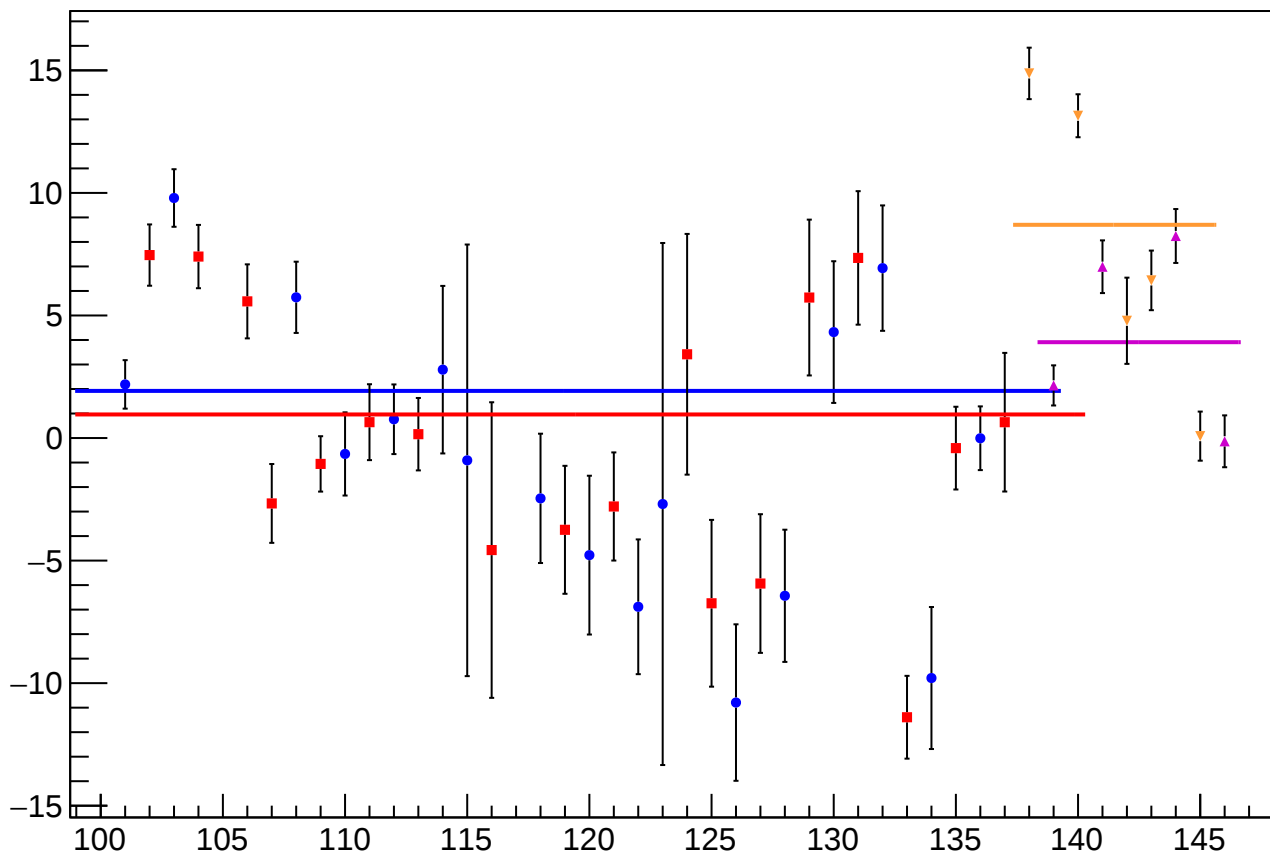
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 59.496 $\pm$ 0.219 χ^2 /NDF:1605.0/20

Out: 59.423 $\pm$ 0.207 χ^2 /NDF:1597.8/22

All: 59.457 $\pm$ 0.151 χ^2 /NDF: 3202.9/43

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 $\pm$ 0.458 χ^2 /NDF: 121.1/16

Left Out: 8.699 $\pm$ 0.488 χ^2 /NDF:142.9/4

Right Out: 0.962 $\pm$ 0.430 χ^2 /NDF: 150.1/17

Left In: 3.910 $\pm$ 0.495 χ^2 /NDF:43.0/3

Left: 6.341 $\pm$ 0.347 χ^2 /NDF: 233.3/8

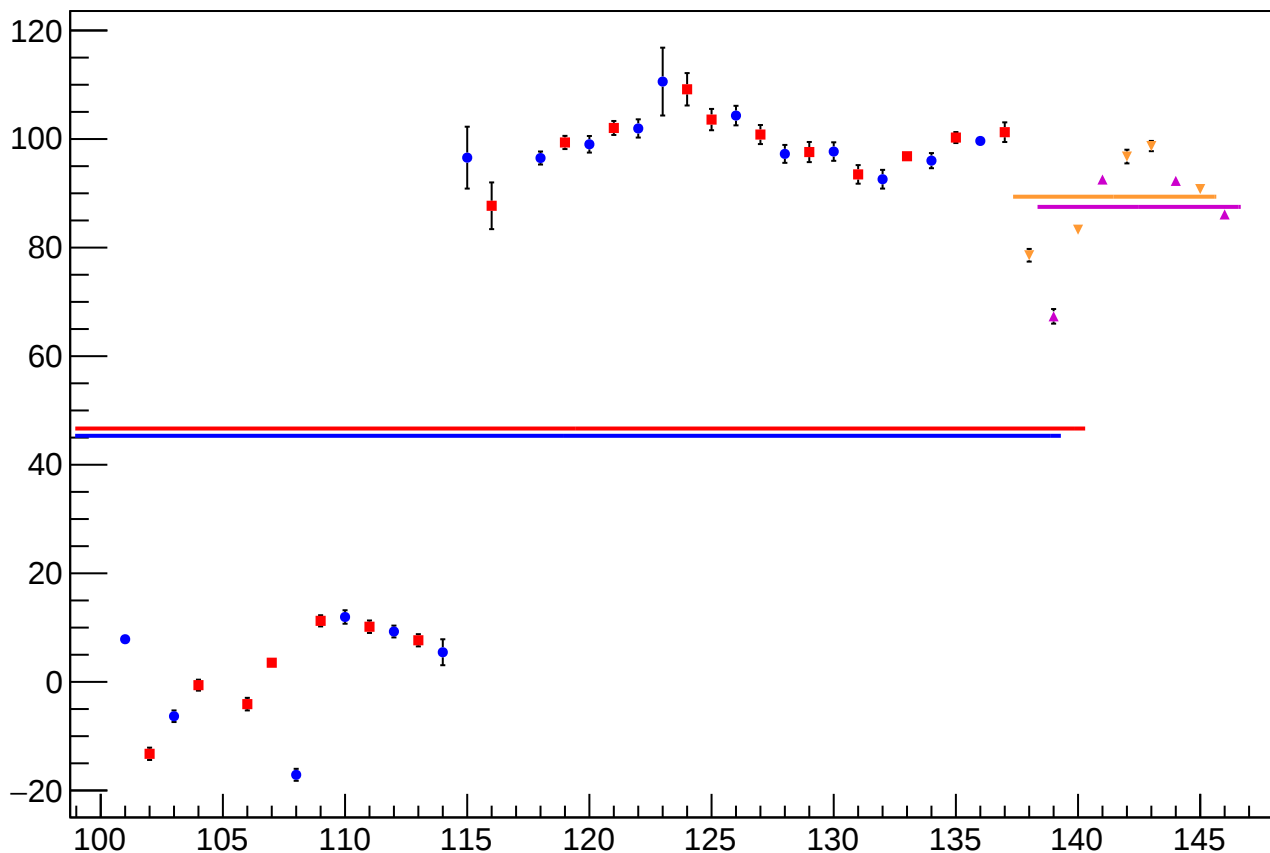
Right: 1.411 $\pm$ 0.313 χ^2 /NDF: 273.5/34

In: 2.840 $\pm$ 0.336 χ^2 /NDF:172.7/20

Out: 4.343 $\pm$ 0.322 χ^2 /NDF:434.7/22

All: 3.623 $\pm$ 0.233 χ^2 /NDF: 617.8/43

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: 89.378 $\pm$ 0.440 χ^2 /NDF:273.8/4

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 87.502 $\pm$ 0.472 χ^2 /NDF:290.4/3

Left: 88.506 $\pm$ 0.322 χ^2 /NDF: 572.7/8

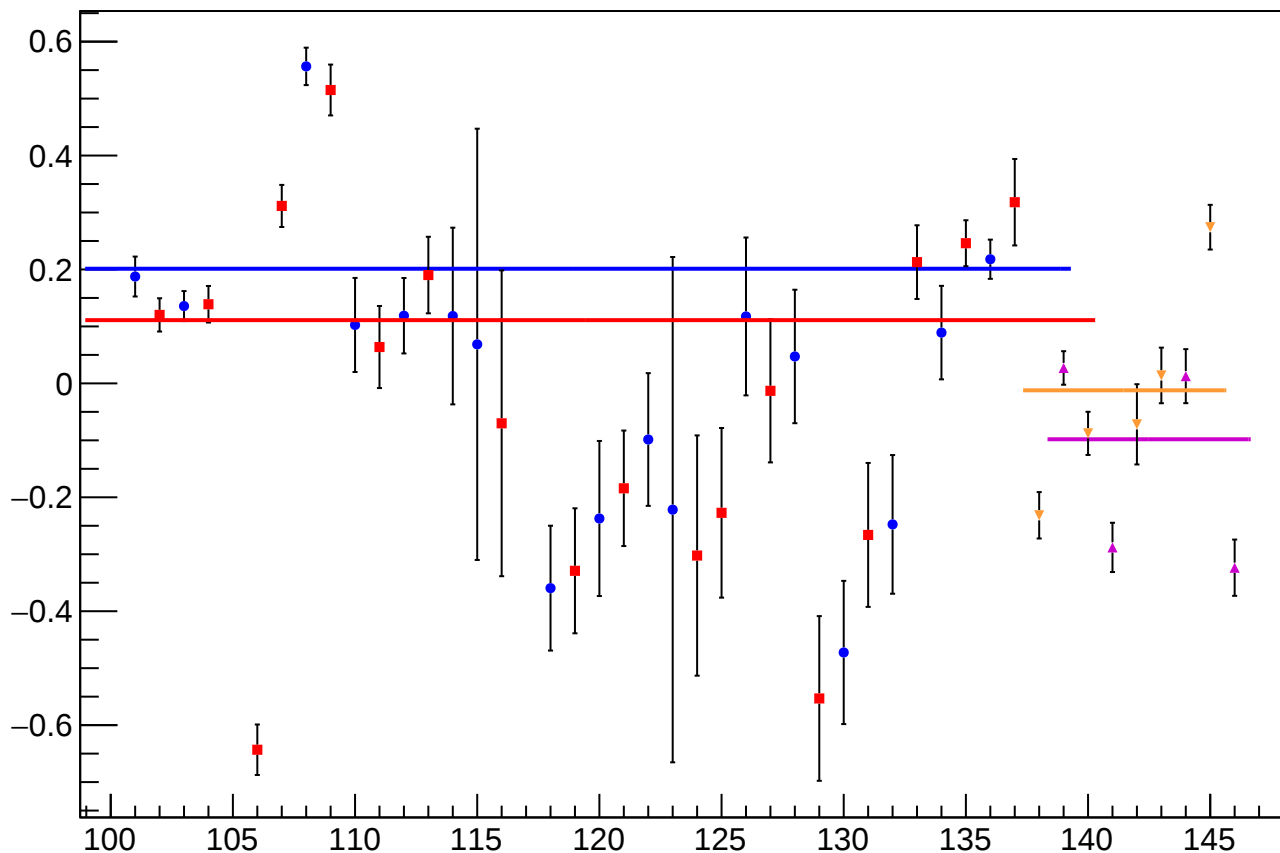
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 57.687 $\pm$ 0.255 χ^2 /NDF:30950.3/20

Out: 59.673 $\pm$ 0.243 χ^2 /NDF:34736.9/22

All: 58.730 $\pm$ 0.176 χ^2 /NDF: 65719.1/43

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.012 ± 0.020 χ^2/NDF : 87.3/4

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.098 ± 0.020 χ^2/NDF : 63.7/3

Left: -0.055 ± 0.014 χ^2/NDF : 160.4/8

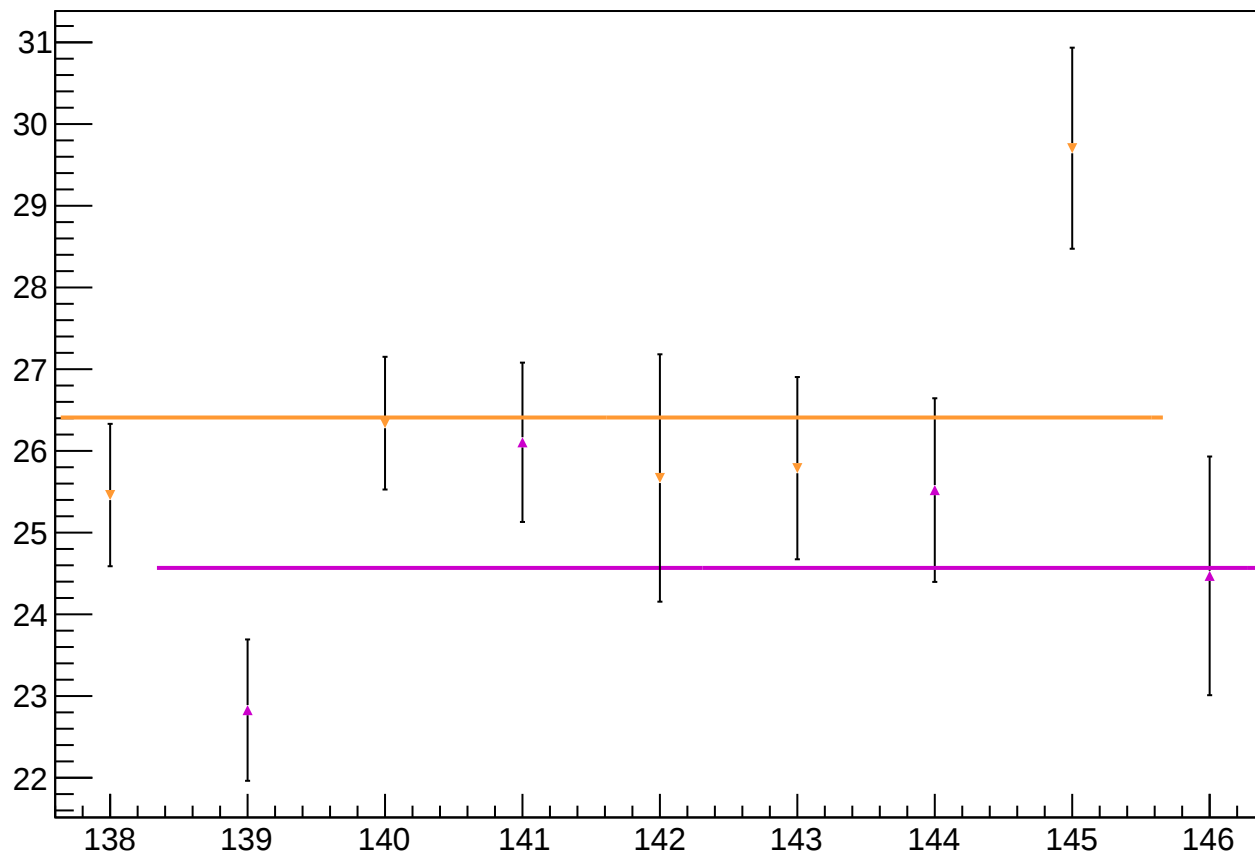
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.101 ± 0.011 χ^2/NDF : 432.8/20

Out: 0.073 ± 0.011 χ^2/NDF : 603.8/22

All: 0.087 ± 0.008 χ^2/NDF : 1039.8/43

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.409 $\pm$ 0.460 χ^2 /NDF:8.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Left: 25.608 $\pm$ 0.345 χ^2 /NDF: 23.2/8

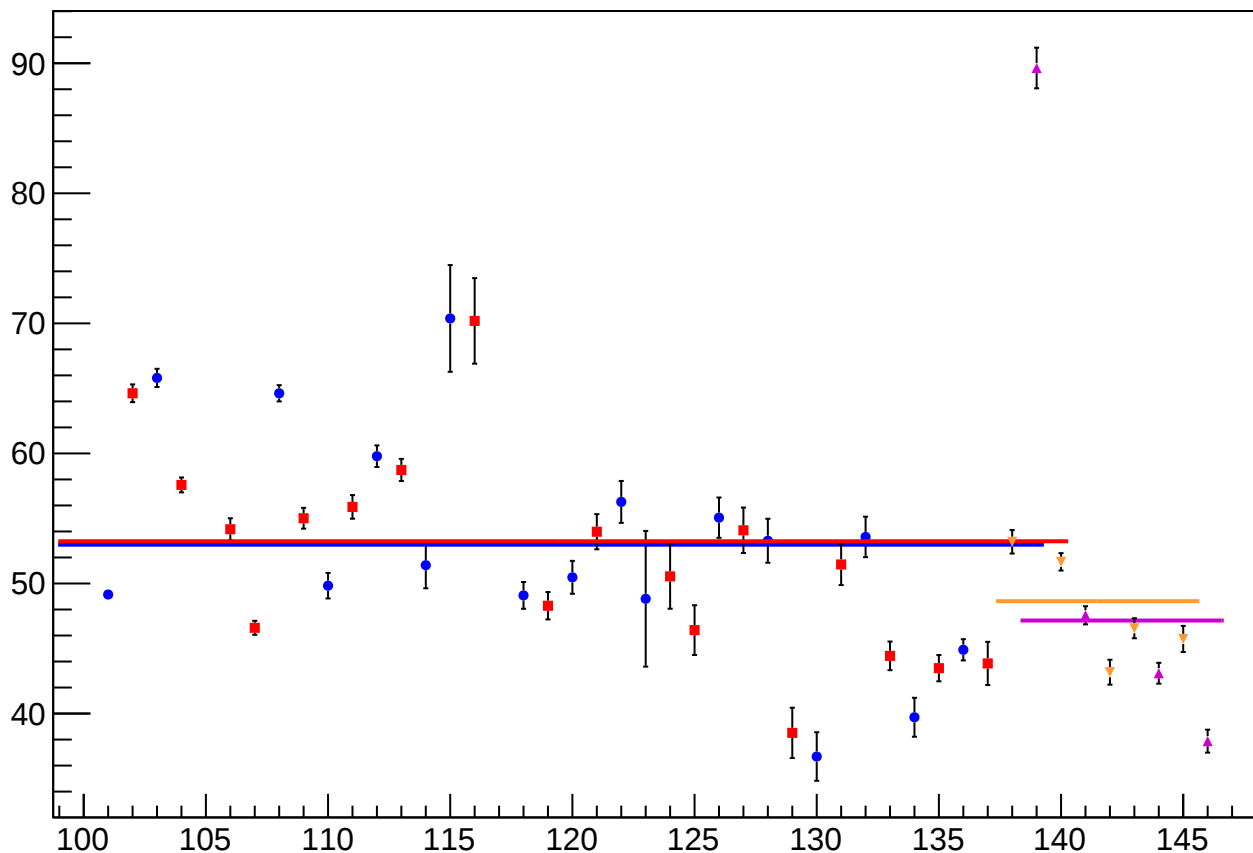
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Out: 26.409 $\pm$ 0.460 χ^2 /NDF:8.9/4

All: 25.608 $\pm$ 0.345 χ^2 /NDF: 23.2/8

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 48.640 $\pm$ 0.372 χ^2 /NDF:94.1/4

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 47.153 $\pm$ 0.434 χ^2 /NDF:874.9/3

Left: 48.010 $\pm$ 0.283 χ^2 /NDF: 975.7/8

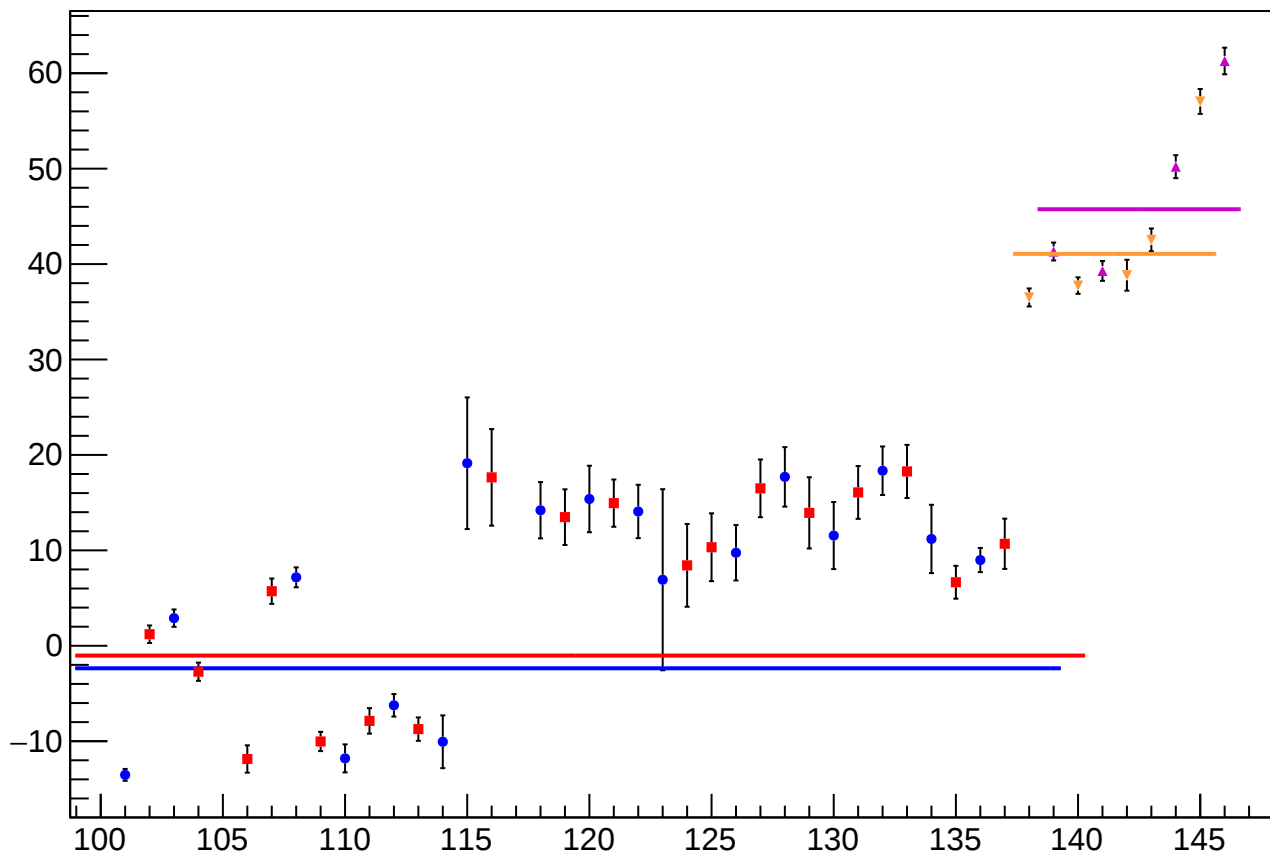
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 51.877 $\pm$ 0.189 χ^2 /NDF:2218.9/20

Out: 51.995 $\pm$ 0.194 χ^2 /NDF:1062.1/22

All: 51.935 $\pm$ 0.135 χ^2 /NDF: 3281.1/43

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 41.070 ± 0.492 χ^2/NDF : 191.4/4

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 45.746 ± 0.552 χ^2/NDF : 199.0/3

Left: 43.138 ± 0.367 χ^2/NDF : 430.3/8

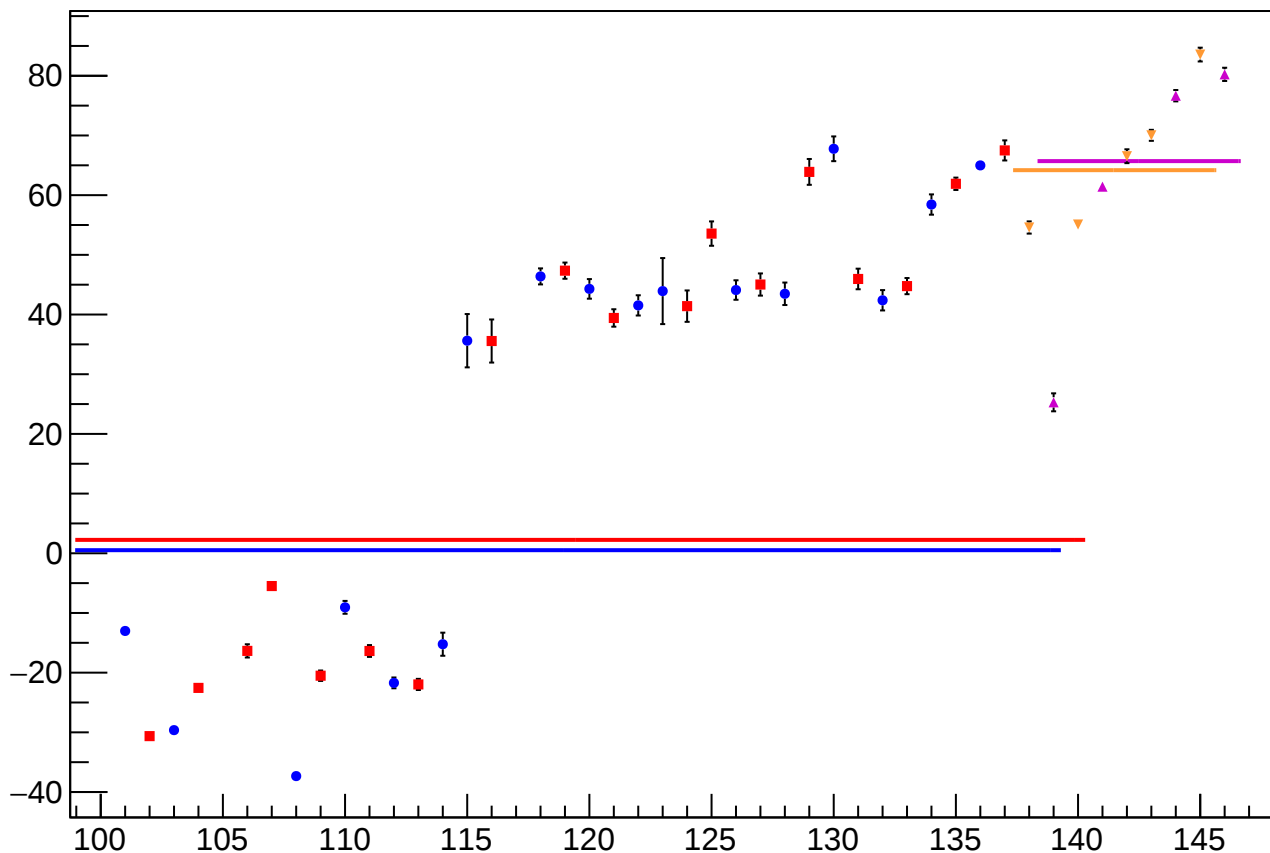
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 12.211 ± 0.304 χ^2/NDF : 6323.2/20

Out: 14.715 ± 0.301 χ^2/NDF : 5282.9/22

All: 13.476 ± 0.214 χ^2/NDF : 11640.4/43

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 64.186 $\pm$ 0.441 χ^2 /NDF:539.9/4

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 65.703 $\pm$ 0.514 χ^2 /NDF:1051.3/3

Left: 64.828 $\pm$ 0.335 χ^2 /NDF: 1596.2/8

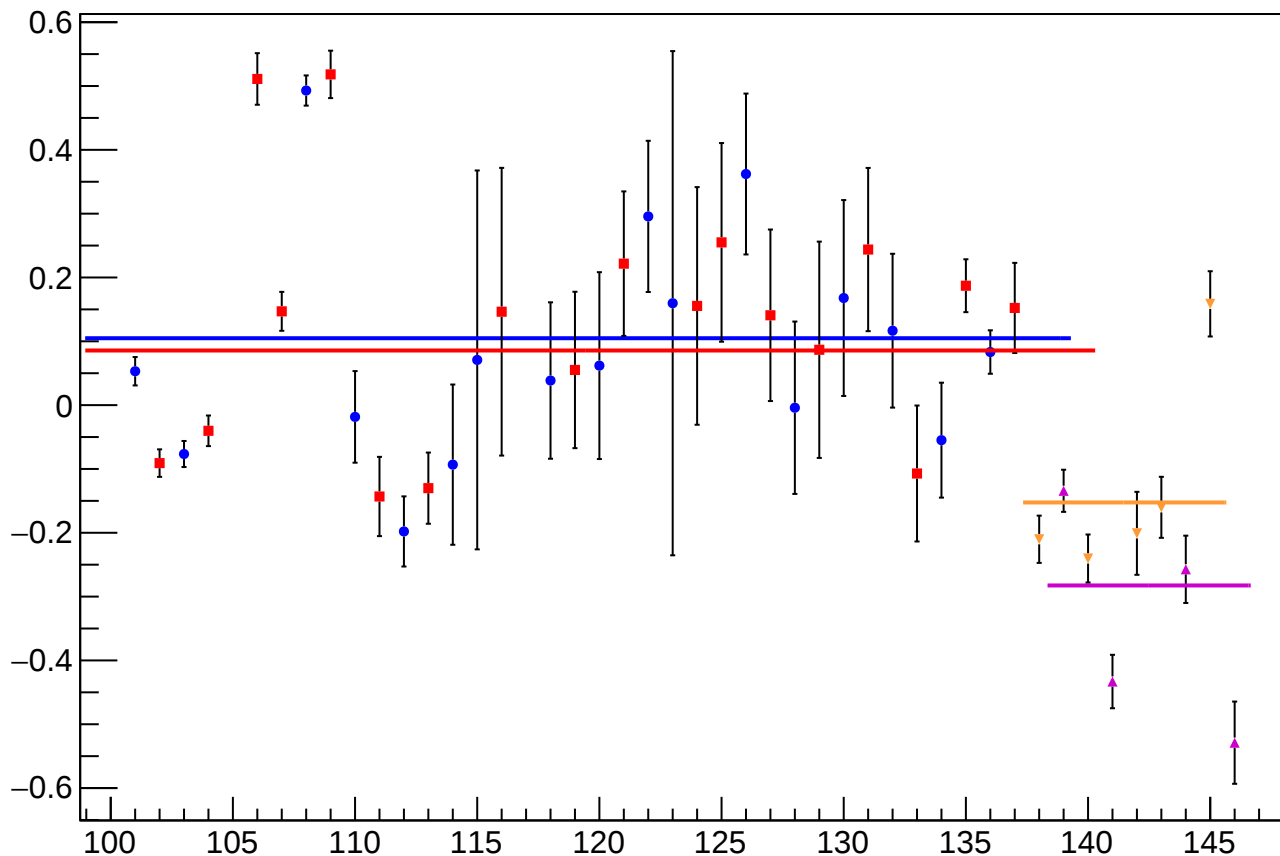
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 12.732 $\pm$ 0.223 χ^2 /NDF:32495.5/20

Out: 18.925 $\pm$ 0.229 χ^2 /NDF:30364.3/22

All: 15.746 $\pm$ 0.159 χ^2 /NDF: 63236.5/43

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: -0.153 ± 0.020 $\chi^2/\text{NDF}: 45.5/4$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.283 ± 0.022 $\chi^2/\text{NDF}: 48.0/3$

Left: -0.212 ± 0.015 $\chi^2/\text{NDF}: 112.7/8$

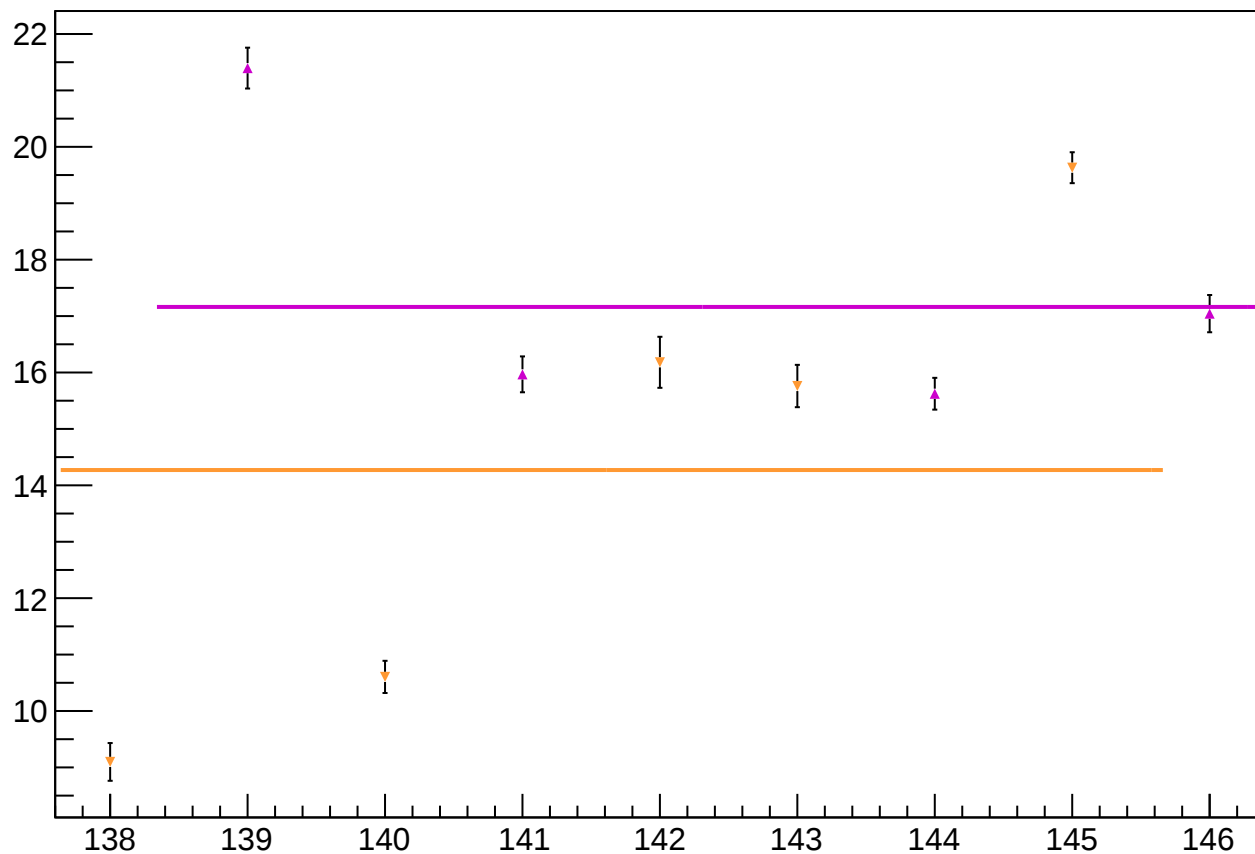
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: 0.026 ± 0.010 $\chi^2/\text{NDF}: 698.7/20$

Out: 0.030 ± 0.010 $\chi^2/\text{NDF}: 542.1/22$

All: 0.028 ± 0.007 $\chi^2/\text{NDF}: 1240.9/43$

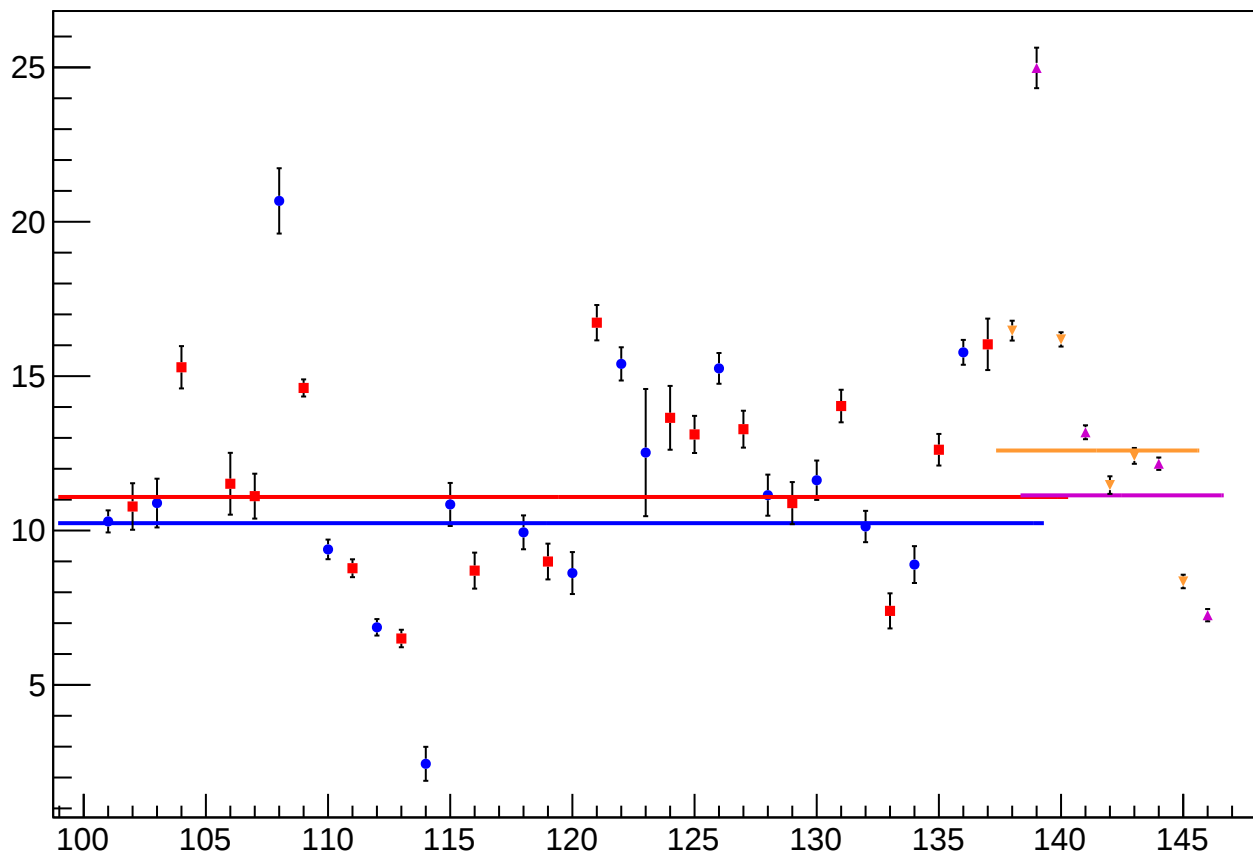
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



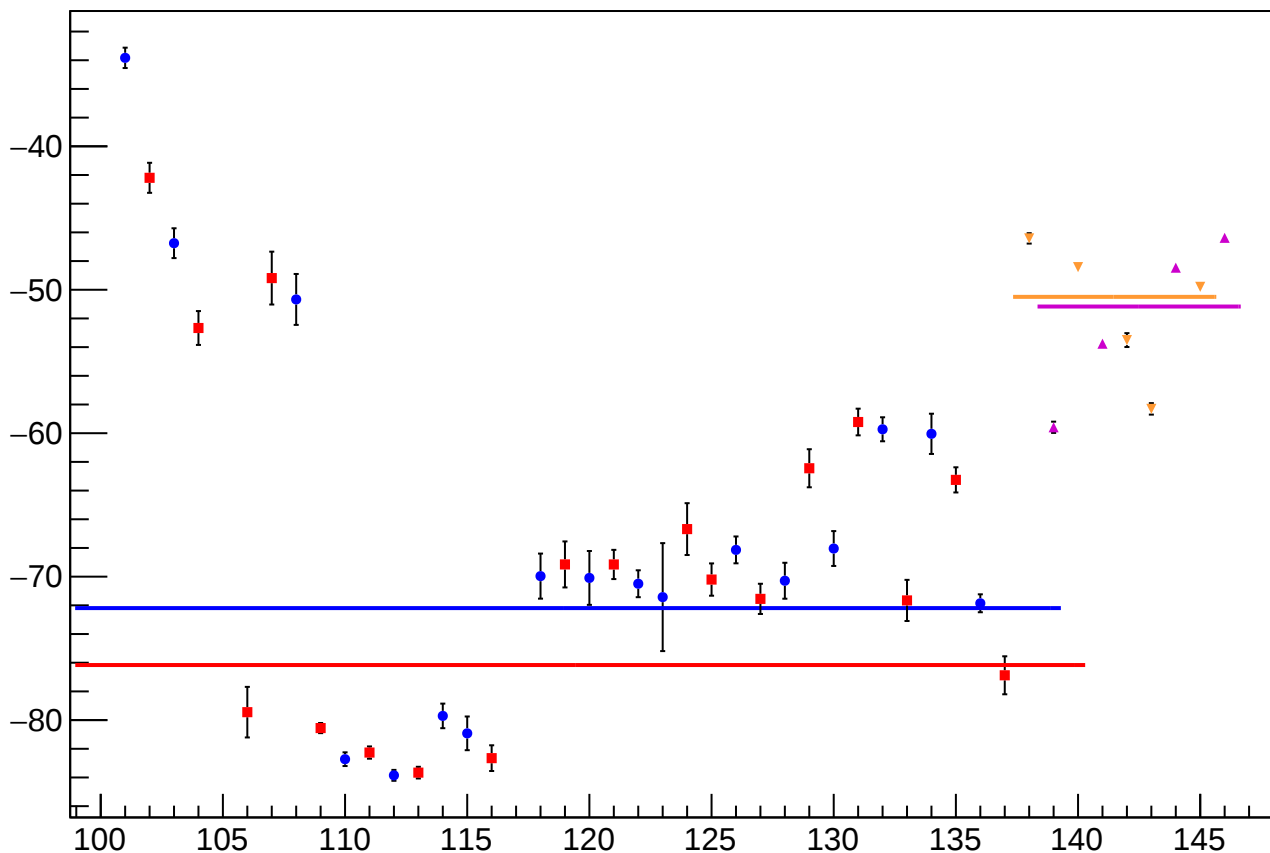
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.271+/-0.147 χ^2/NDF :820.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.162+/-0.160 χ^2/NDF :180.8/3

Left: 15.595+/-0.108 χ^2/NDF : 1178.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.162+/-0.160 χ^2/NDF :180.8/3
 Out: 14.271+/-0.147 χ^2/NDF :820.1/4
 All: 15.595+/-0.108 χ^2/NDF : 1178.9/8

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 $\pm$ 0.198 χ^2/NDF : 5563.0/16

Left Out: -50.495 $\pm$ 0.157 χ^2/NDF : 598.3/4

Right Out: -76.162 $\pm$ 0.181 χ^2/NDF : 3223.3/17

Left In: -51.169 $\pm$ 0.166 χ^2/NDF : 829.8/3

Left: -50.813 $\pm$ 0.114 χ^2/NDF : 1436.8/8

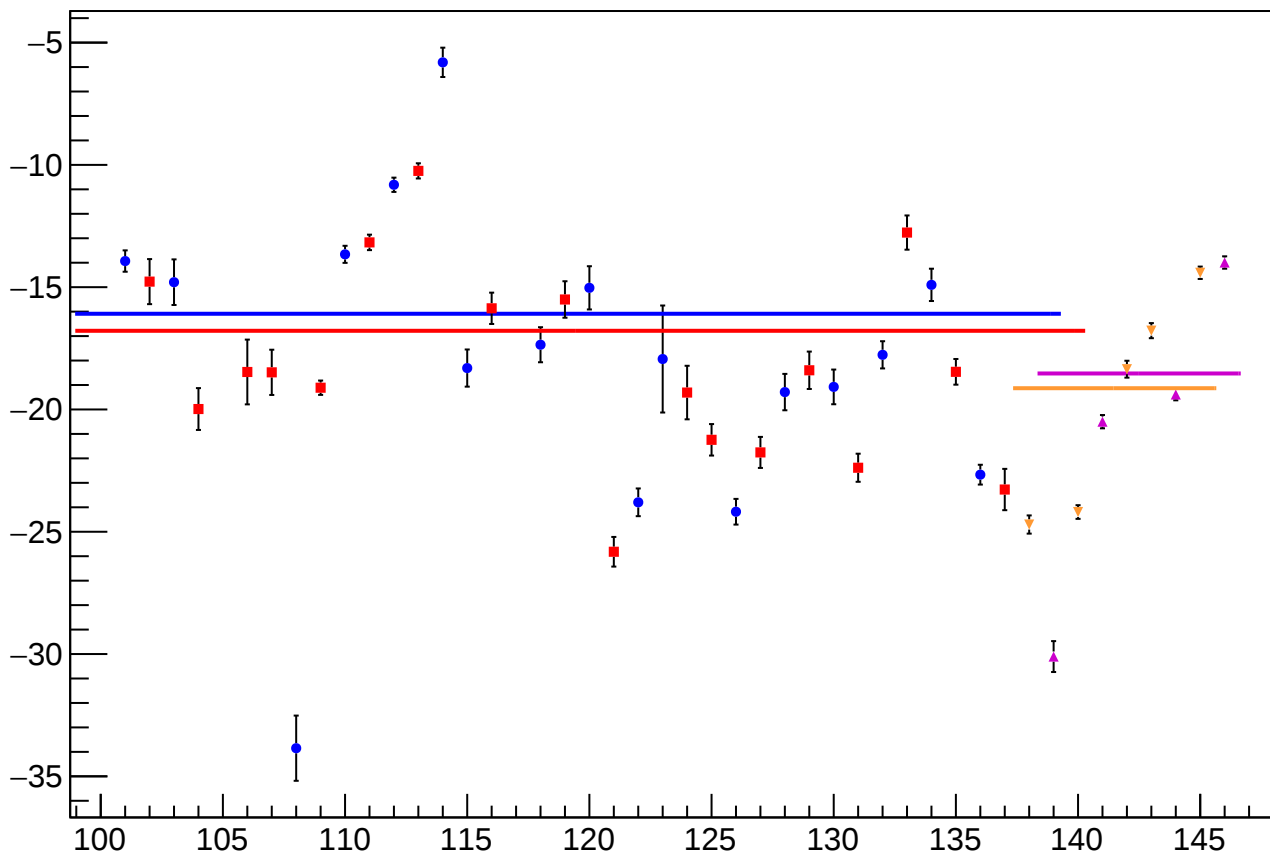
Right: -74.353 $\pm$ 0.134 χ^2/NDF : 9004.8/34

In: -59.849 $\pm$ 0.127 χ^2/NDF : 13002.5/20

Out: -61.487 $\pm$ 0.119 χ^2/NDF : 15288.4/22

All: -60.726 $\pm$ 0.087 χ^2/NDF : 28379.5/43

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -19.131 ± 0.136 χ^2/NDF : 961.4/4

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -18.528 ± 0.142 χ^2/NDF : 722.6/3

Left: -18.845 ± 0.098 χ^2/NDF : 1693.4/8

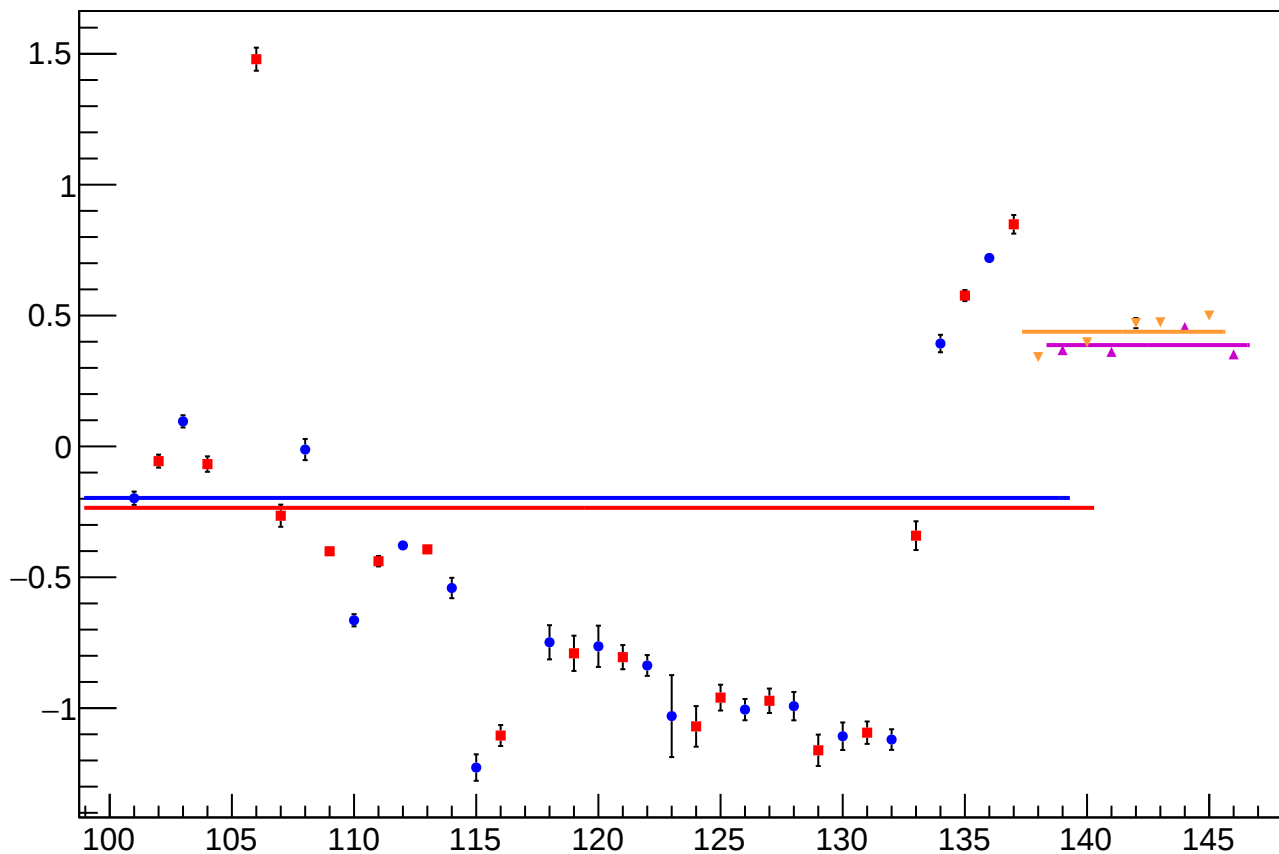
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.219 ± 0.097 χ^2/NDF : 2501.9/20

Out: -17.892 ± 0.093 χ^2/NDF : 2324.1/22

All: -17.569 ± 0.067 χ^2/NDF : 4851.1/43

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.438 ± 0.006 χ^2/NDF : 91.4/4

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.387 ± 0.007 χ^2/NDF : 39.0/3

Left: 0.415 ± 0.005 χ^2/NDF : 159.8/8

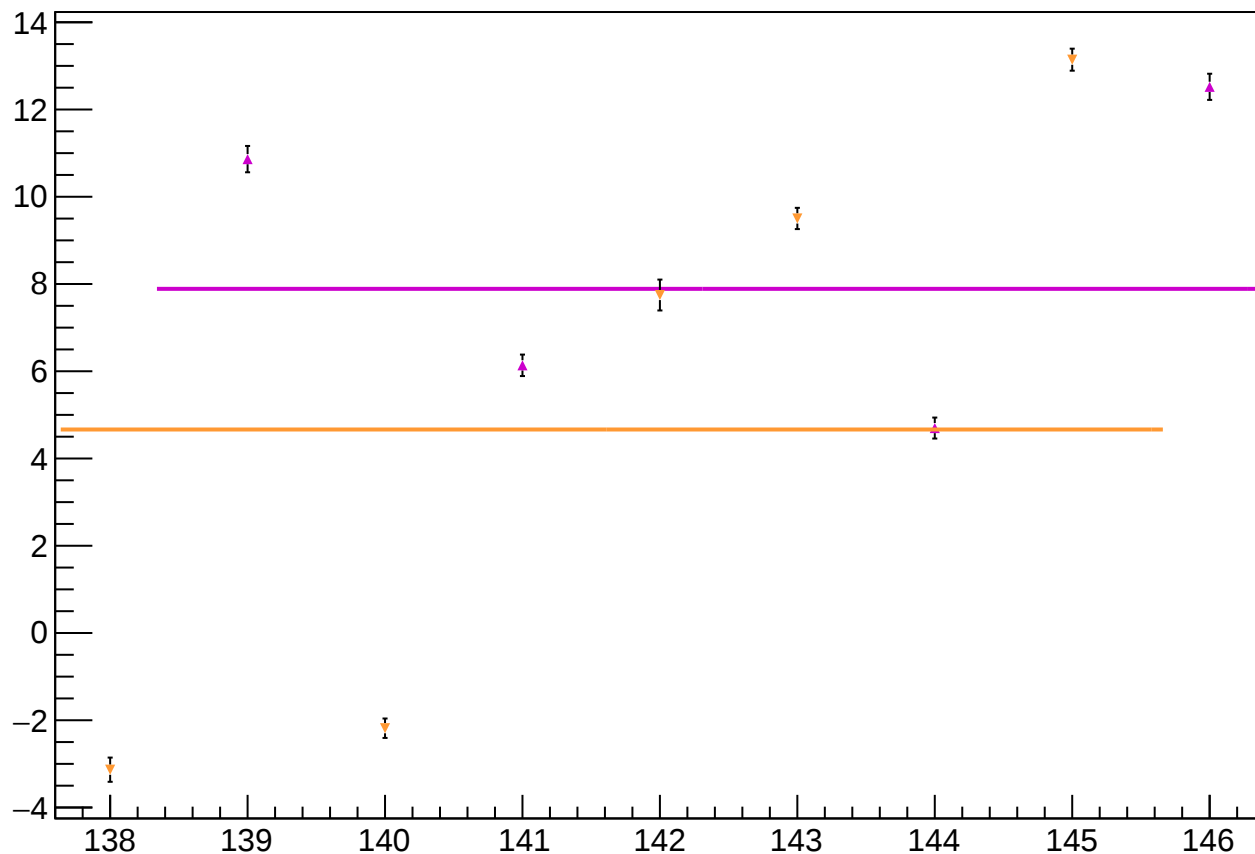
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.121 ± 0.005 χ^2/NDF : 9629.5/20

Out: 0.142 ± 0.005 χ^2/NDF : 11199.0/22

All: 0.132 ± 0.003 χ^2/NDF : 20837.3/43

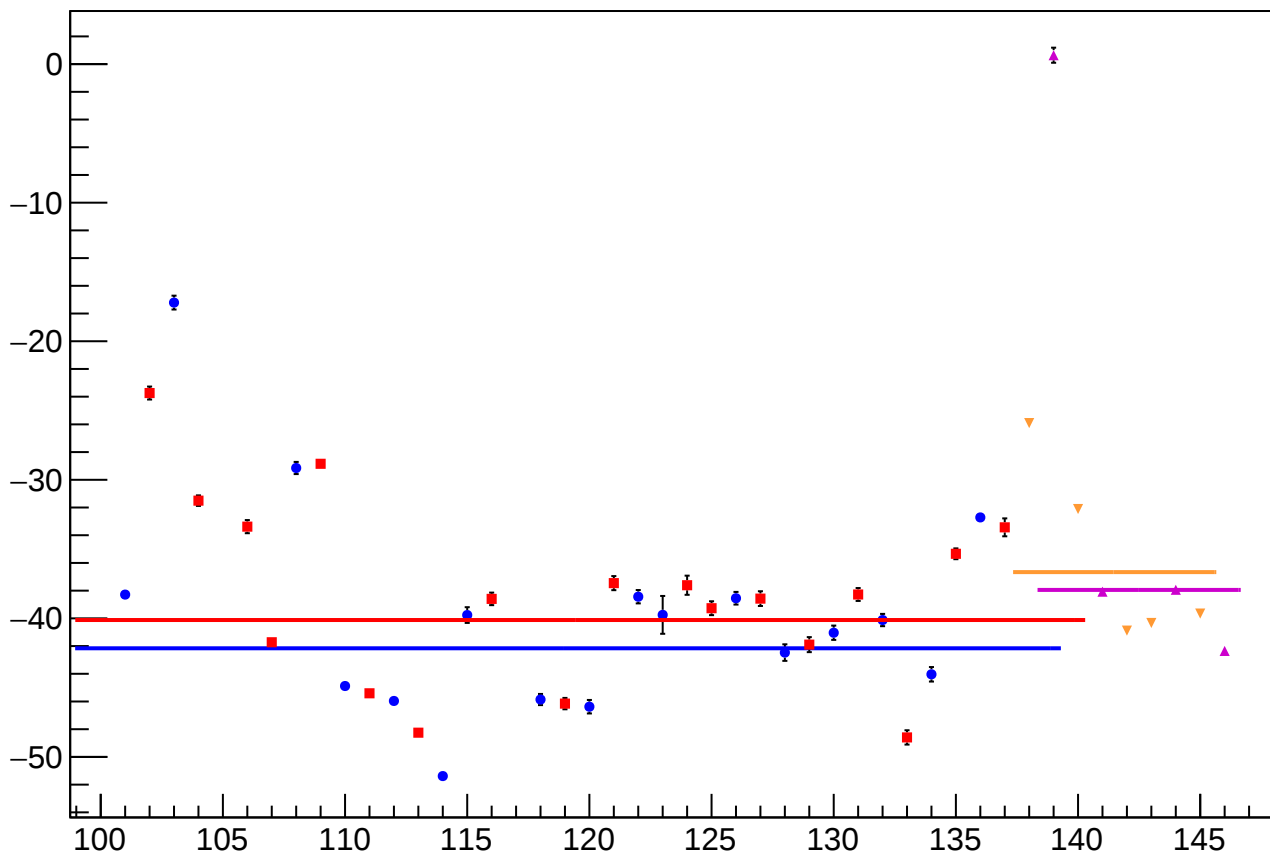
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.665+/-0.116 χ^2/NDF :3333.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.889+/-0.134 χ^2/NDF :562.6/3

Left: 6.056+/-0.088 χ^2/NDF : 4226.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.889+/-0.134 χ^2/NDF :562.6/3
 Out: 4.665+/-0.116 χ^2/NDF :3333.5/4
 All: 6.056+/-0.088 χ^2/NDF : 4226.5/8

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: -36.662 ± 0.090 $\chi^2/\text{NDF}: 3281.5/4$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -37.947 ± 0.101 $\chi^2/\text{NDF}: 5577.7/3$

Left: -37.232 ± 0.067 $\chi^2/\text{NDF}: 8950.1/8$

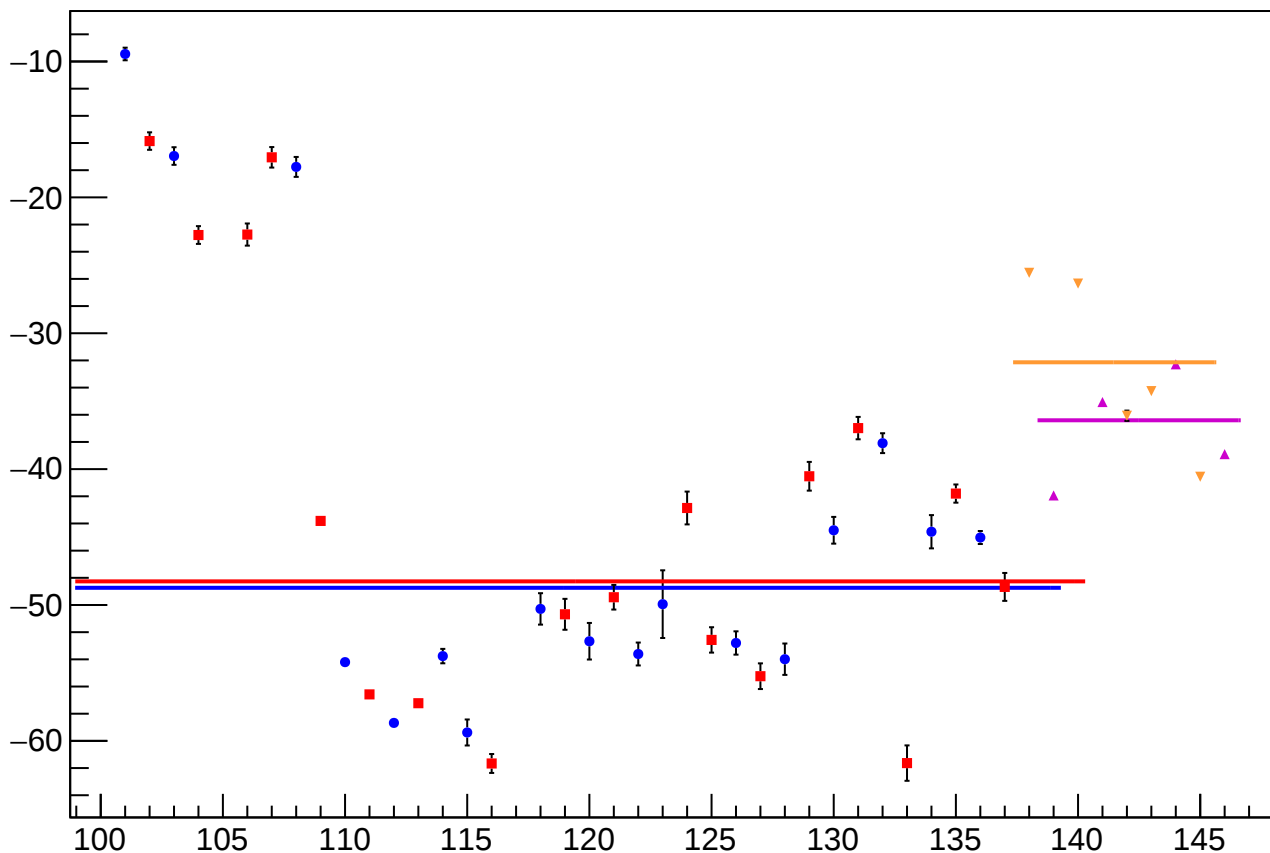
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.579 ± 0.062 $\chi^2/\text{NDF}: 13245.5/20$

Out: -38.747 ± 0.057 $\chi^2/\text{NDF}: 15060.3/22$

All: -39.586 ± 0.042 $\chi^2/\text{NDF}: 28785.6/43$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -32.138+/-0.125 χ^2/NDF : 2235.5/4

Right Out: -48.261+/-0.107 χ^2/NDF : 11091.7/17

Left In: -36.406+/-0.140 χ^2/NDF : 644.2/3

Left: -34.025+/-0.093 χ^2/NDF : 3399.4/8

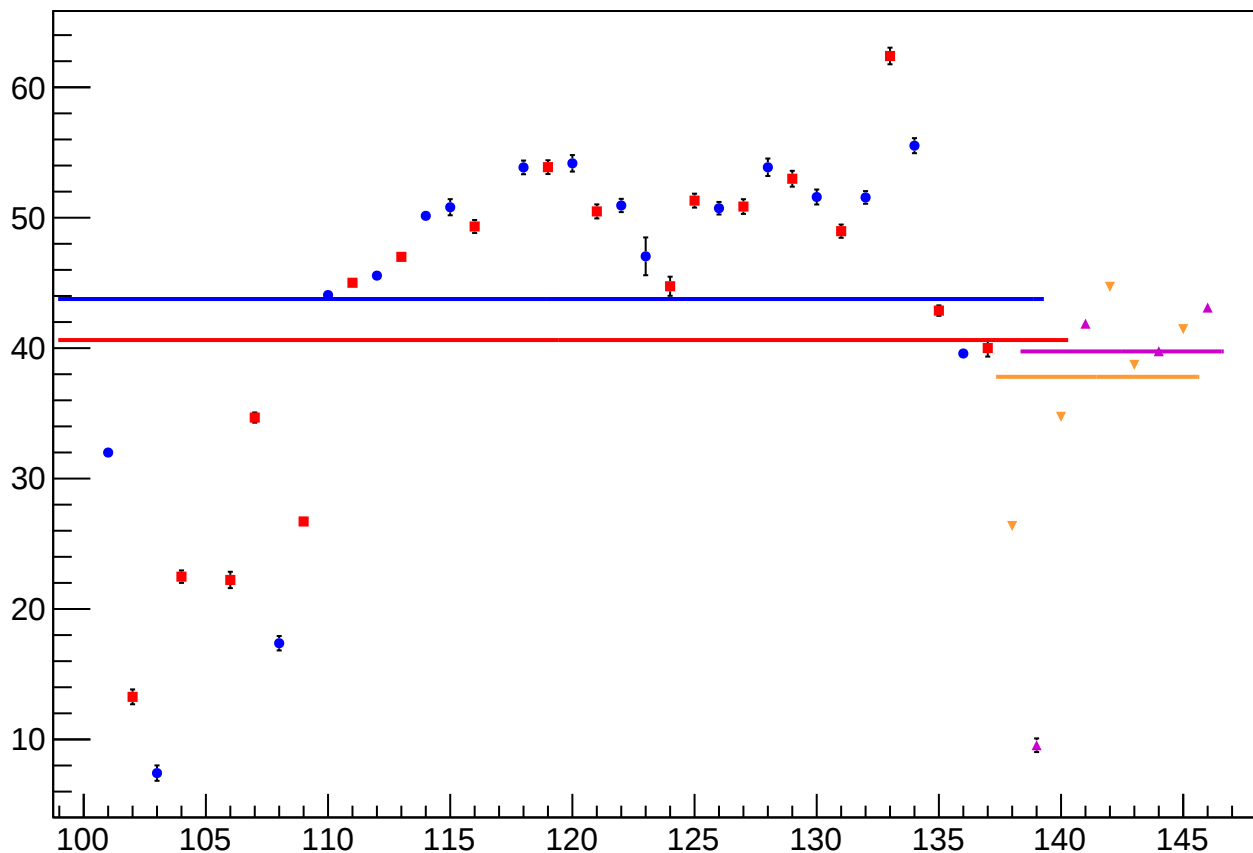
Right: -48.462+/-0.081 χ^2/NDF : 25759.4/34

In: -43.273+/-0.093 χ^2/NDF : 19633.3/20

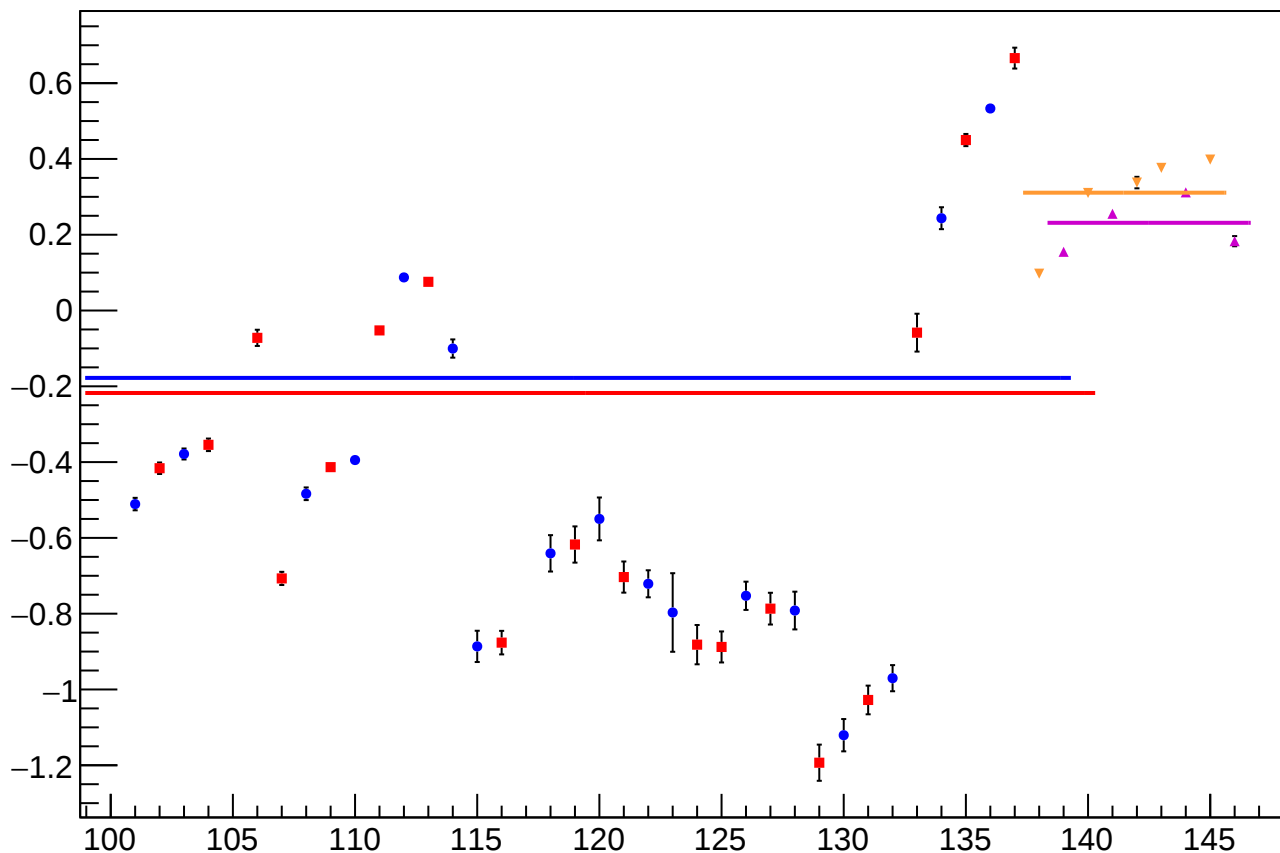
Out: -41.379+/-0.081 χ^2/NDF : 22939.2/22

All: -42.199+/-0.061 χ^2/NDF : 42807.3/43

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.311 ± 0.005 χ^2/NDF : 431.4/4

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.231 ± 0.006 χ^2/NDF : 113.5/3

Left: 0.276 ± 0.004 χ^2/NDF : 652.0/8

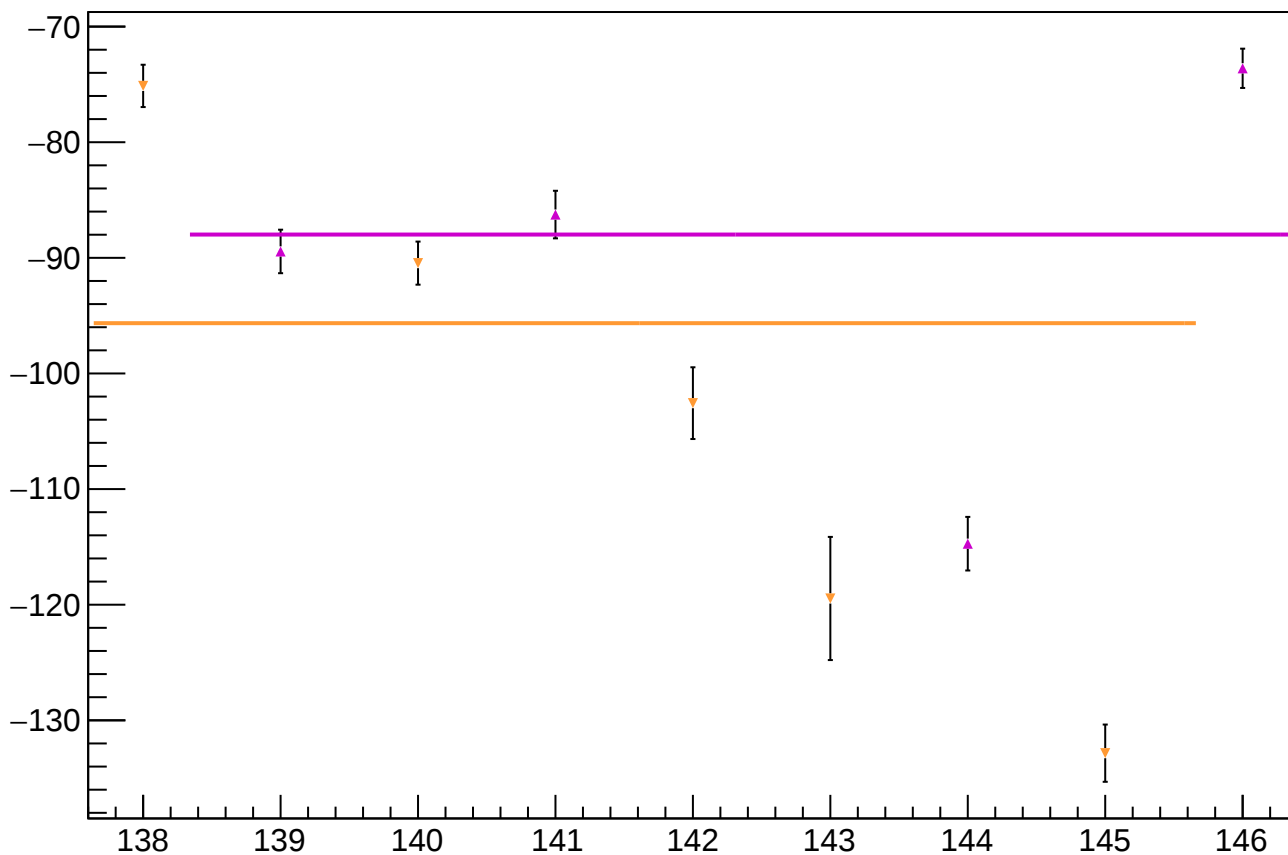
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: -0.009 ± 0.004 χ^2/NDF : 10427.0/20

Out: 0.004 ± 0.003 χ^2/NDF : 14192.2/22

All: -0.001 ± 0.002 χ^2/NDF : 24626.3/43

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -95.651+/-1.061 χ^2/NDF :384.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -87.986+/-0.975 χ^2/NDF :206.0/3

Left: -91.498+/-0.718 χ^2/NDF : 618.5/8

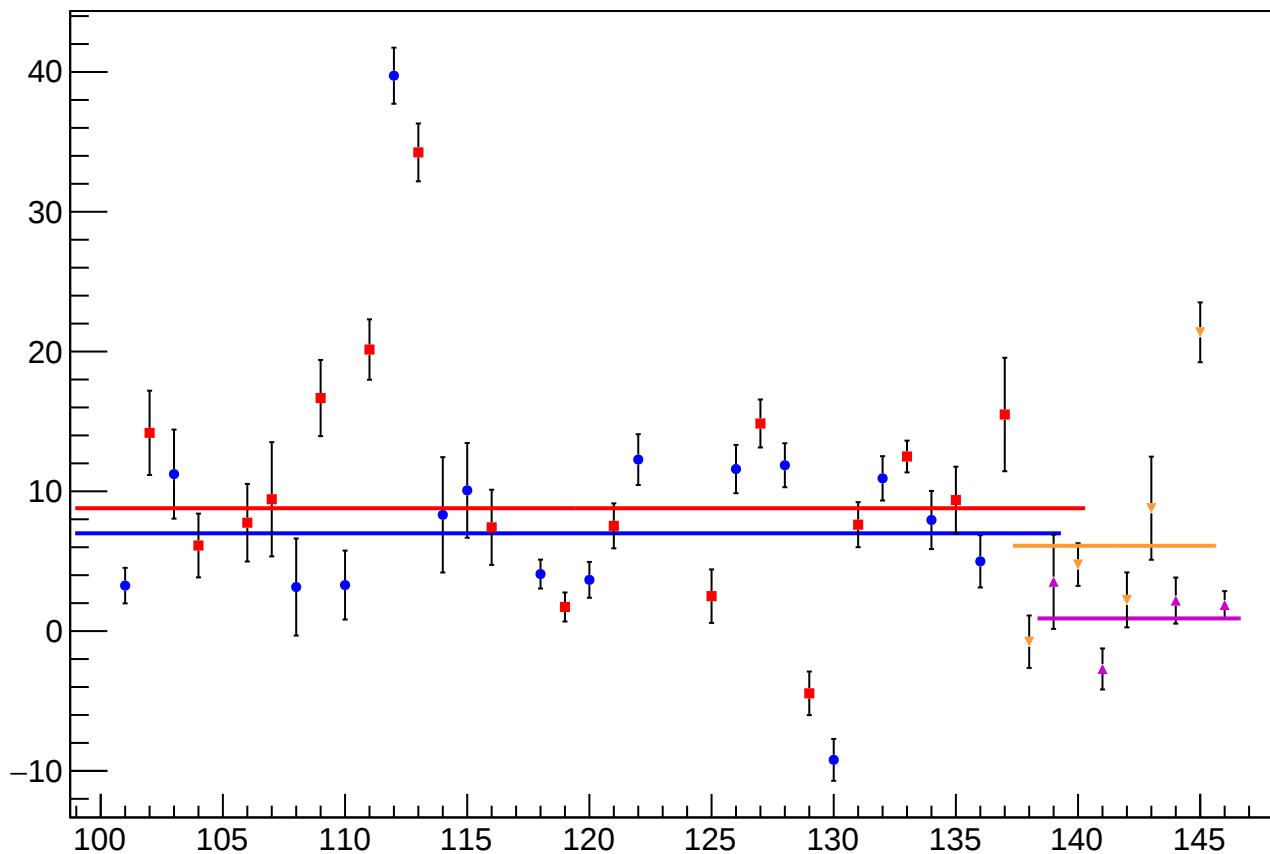
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.986+/-0.975 χ^2/NDF :206.0/3

Out: -95.651+/-1.061 χ^2/NDF :384.1/4

All: -91.498+/-0.718 χ^2/NDF : 618.5/8

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 6.104 $\pm$ 0.889 χ^2 /NDF:69.5/4

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 0.906 $\pm$ 0.719 χ^2 /NDF:8.2/3

Left: 2.960 $\pm$ 0.559 χ^2 /NDF: 98.4/8

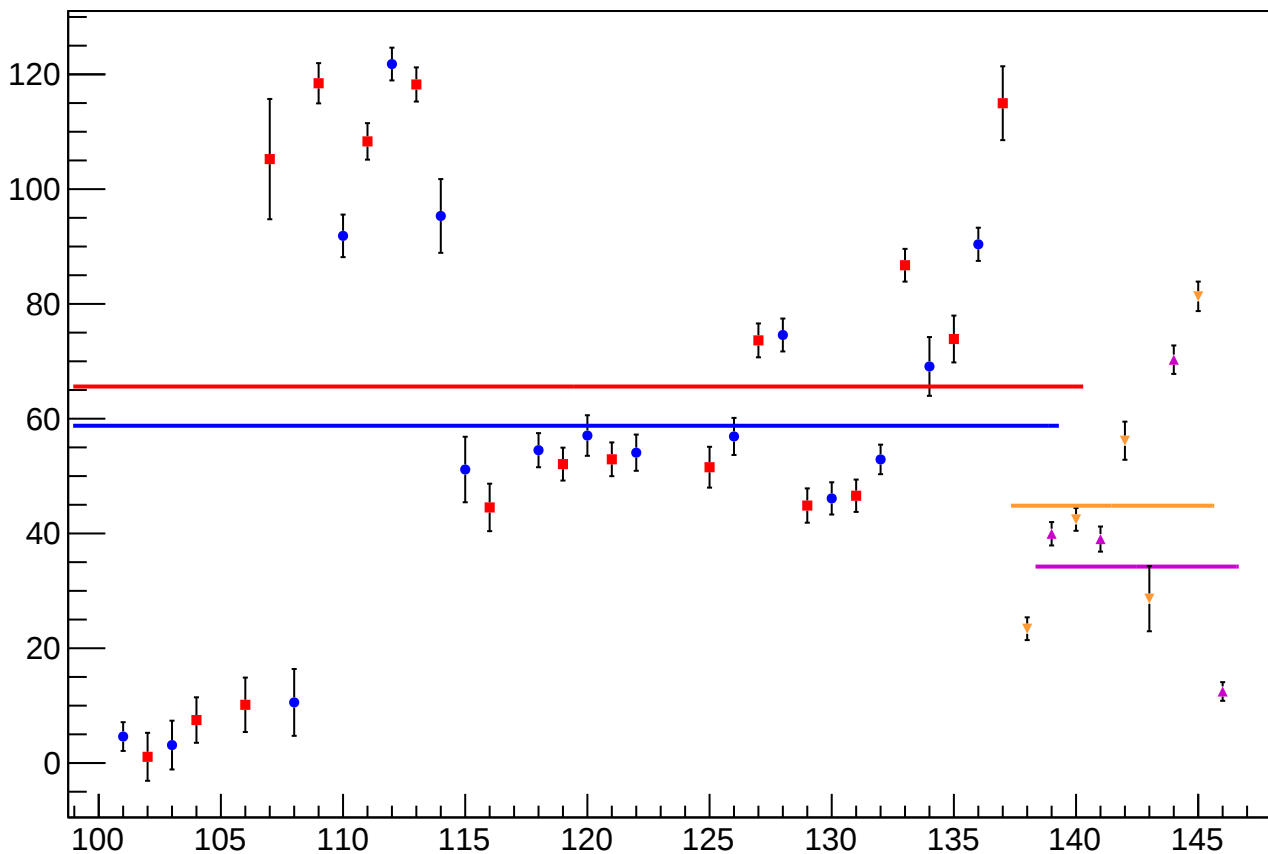
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 5.367 $\pm$ 0.372 χ^2 /NDF:506.2/19

Out: 8.243 $\pm$ 0.401 χ^2 /NDF:425.6/21

All: 6.696 $\pm$ 0.273 χ^2 /NDF: 959.5/41

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: 44.839 $\pm$ 1.131 χ^2 /NDF:339.6/4

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 34.231 $\pm$ 1.004 χ^2 /NDF:403.8/3

Left: 38.907 $\pm$ 0.751 χ^2 /NDF: 792.5/8

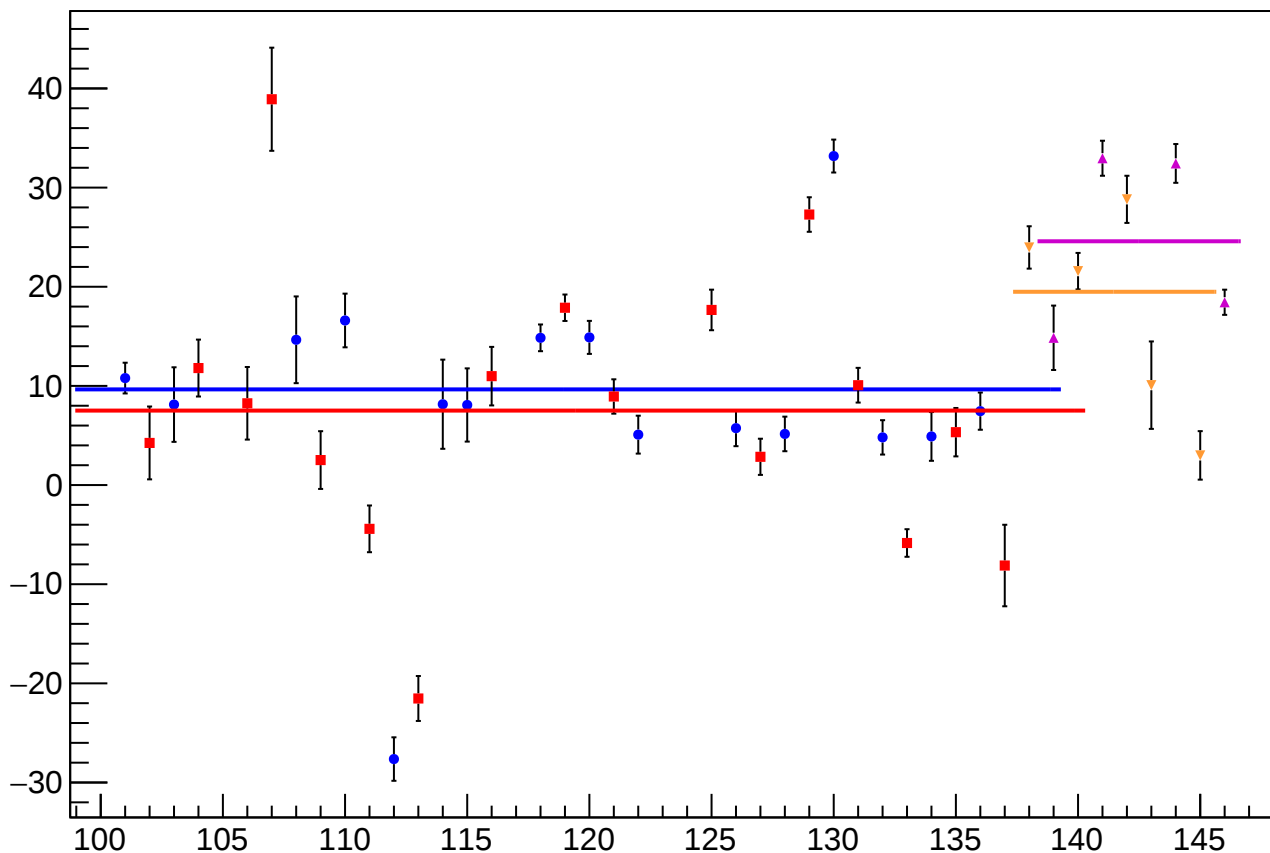
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 48.771 $\pm$ 0.641 χ^2 /NDF:2250.8/19

Out: 58.173 $\pm$ 0.677 χ^2 /NDF:2181.3/21

All: 53.217 $\pm$ 0.465 χ^2 /NDF: 4533.8/41

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 19.493 ± 1.048 χ^2/NDF : 71.1/4

Right Out: 7.511 ± 0.516 χ^2/NDF : 564.3/16

Left In: 24.586 ± 0.878 χ^2/NDF : 71.0/3

Left: 22.486 ± 0.673 χ^2/NDF : 156.0/8

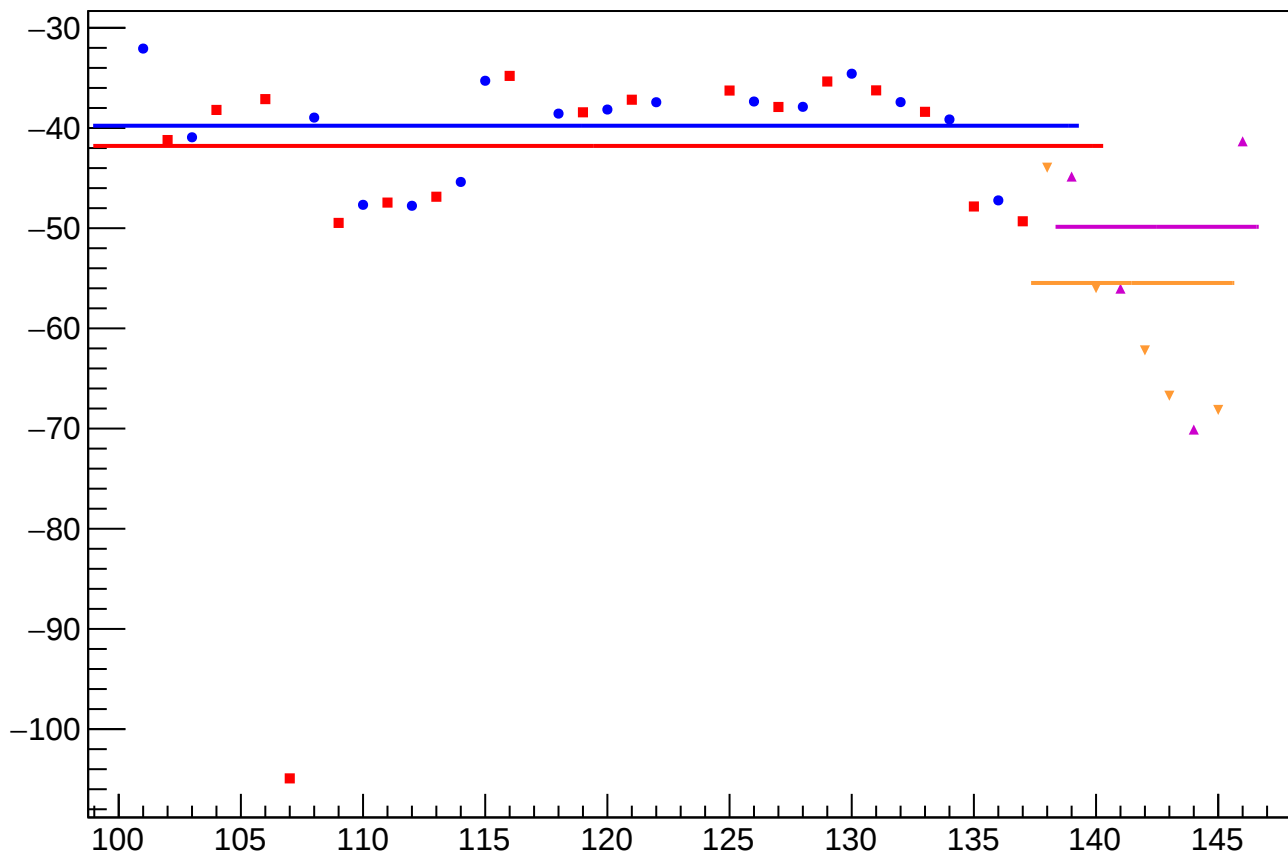
Right: 8.610 ± 0.360 χ^2/NDF : 1126.7/32

In: 13.328 ± 0.436 χ^2/NDF : 842.7/19

Out: 9.851 ± 0.463 χ^2/NDF : 740.5/21

All: 11.696 ± 0.317 χ^2/NDF : 1613.1/41

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -55.466 ± 0.046 χ^2/NDF : 42256.5/4

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -49.860 ± 0.041 χ^2/NDF : 57387.1/3

Left: -52.353 ± 0.031 χ^2/NDF : 107836.5/8

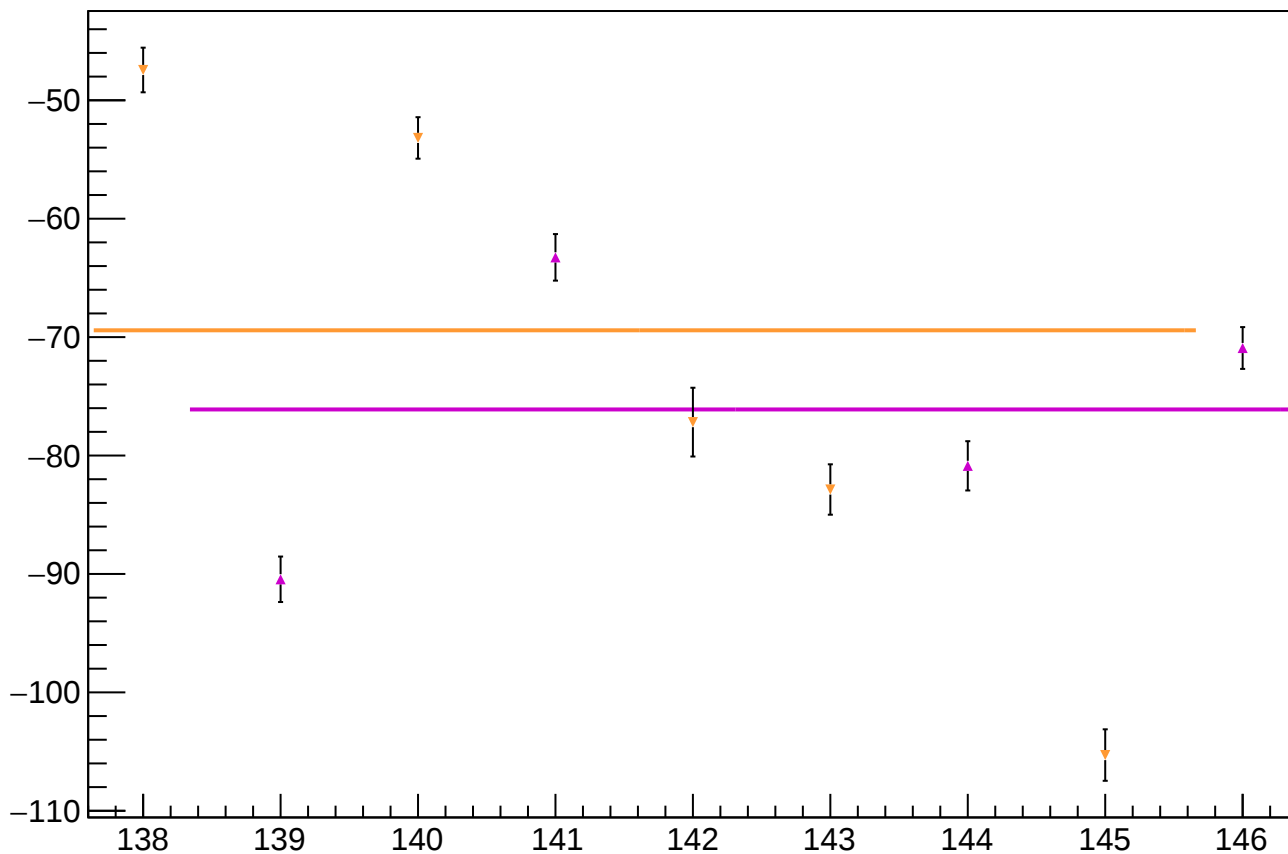
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -43.422 ± 0.025 χ^2/NDF : 121631.5/19

Out: -46.116 ± 0.026 χ^2/NDF : 195309.3/21

All: -44.710 ± 0.018 χ^2/NDF : 322560.8/41

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected

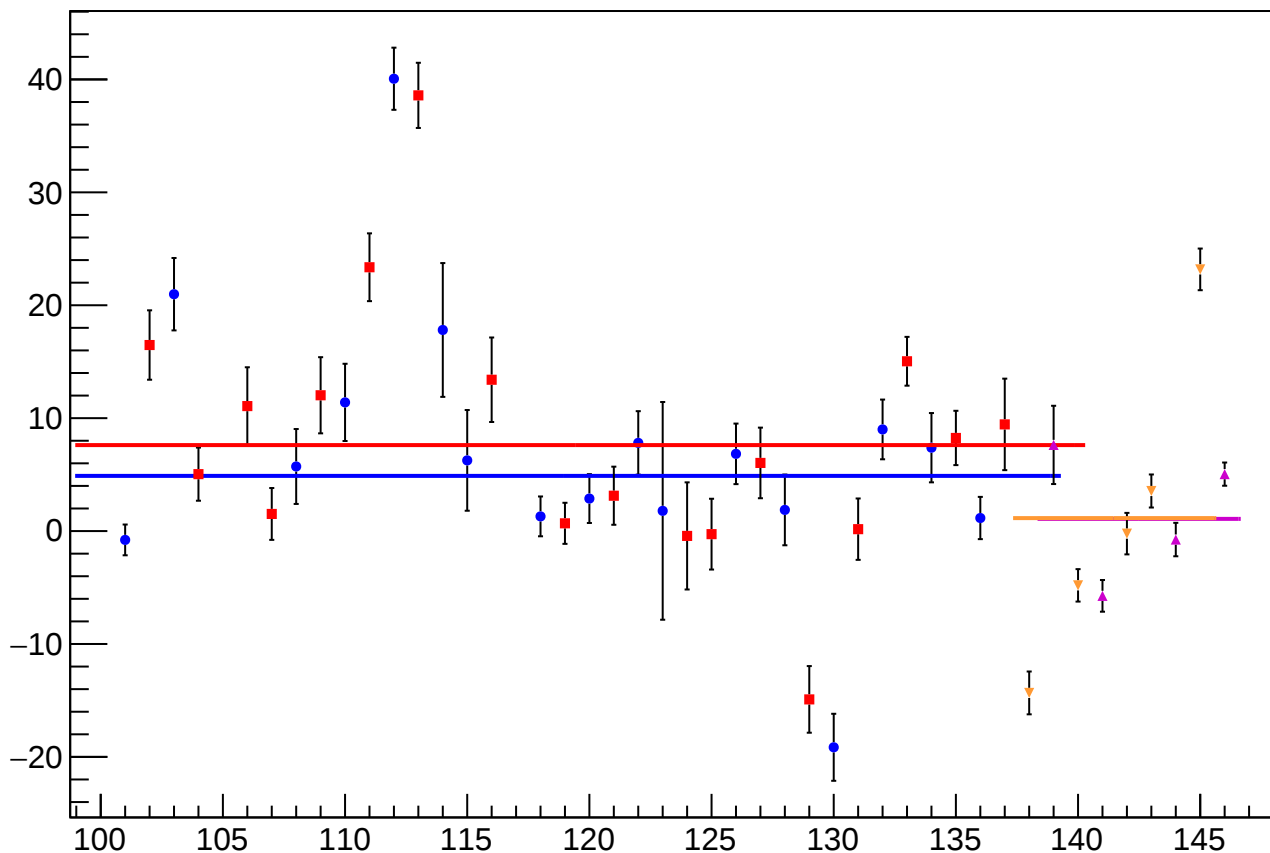


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -69.424+/-0.929 χ^2/NDF :541.3/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -76.108+/-0.961 χ^2/NDF :112.4/3

Left: -72.653+/-0.668 χ^2/NDF : 678.6/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -76.108+/-0.961 χ^2/NDF :112.4/3
 Out: -69.424+/-0.929 χ^2/NDF :541.3/4

All: -72.653+/-0.668 χ^2/NDF : 678.6/8

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 1.148 ± 0.741 χ^2/NDF : 229.7/4

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 1.080 ± 0.708 χ^2/NDF : 43.6/3

Left: 1.112 ± 0.512 χ^2/NDF : 273.3/8

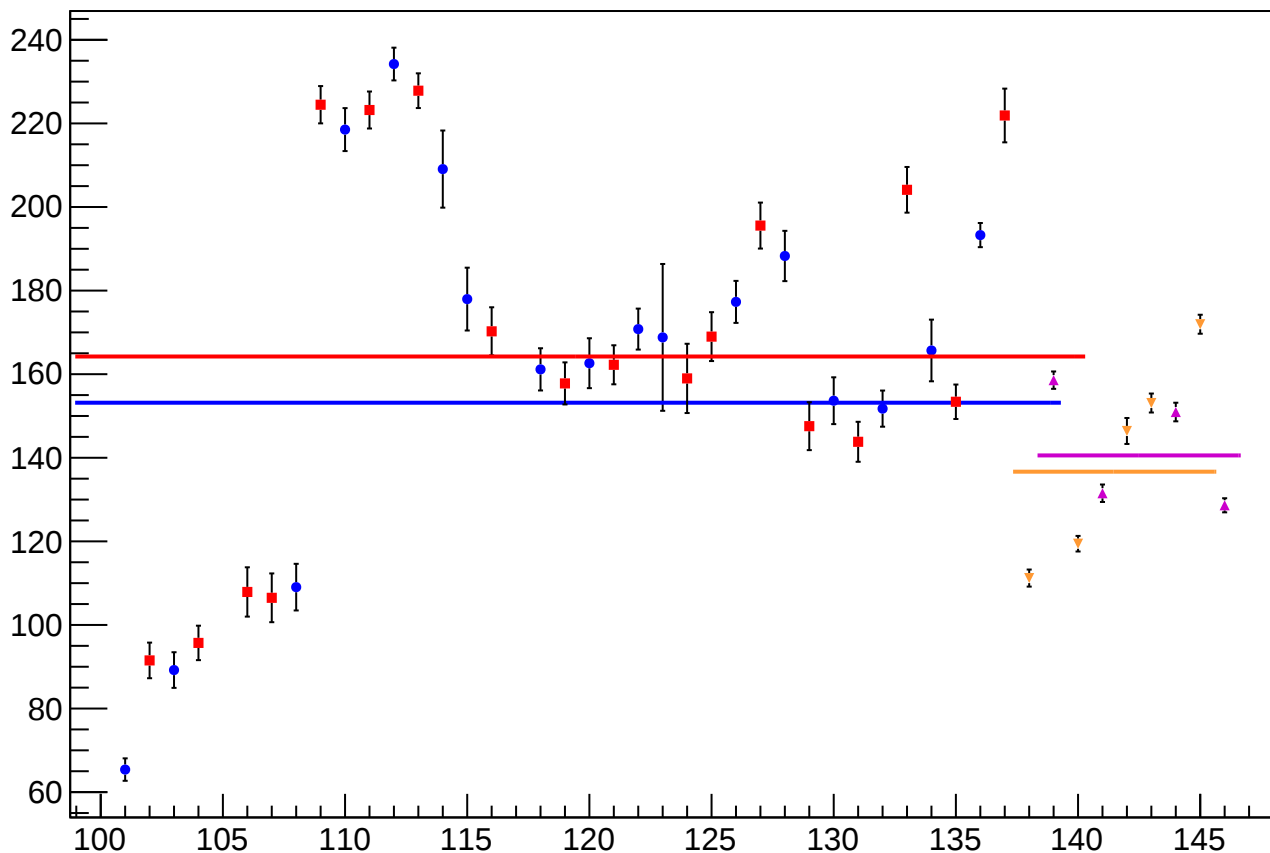
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 3.230 ± 0.467 χ^2/NDF : 354.6/20

Out: 4.793 ± 0.490 χ^2/NDF : 541.8/22

All: 3.975 ± 0.338 χ^2/NDF : 901.7/43

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 136.671 $\pm$ 0.991 χ^2 /NDF:544.3/4

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 140.563 $\pm$ 0.993 χ^2 /NDF:165.6/3

Left: 138.613 $\pm$ 0.701 χ^2 /NDF: 717.6/8

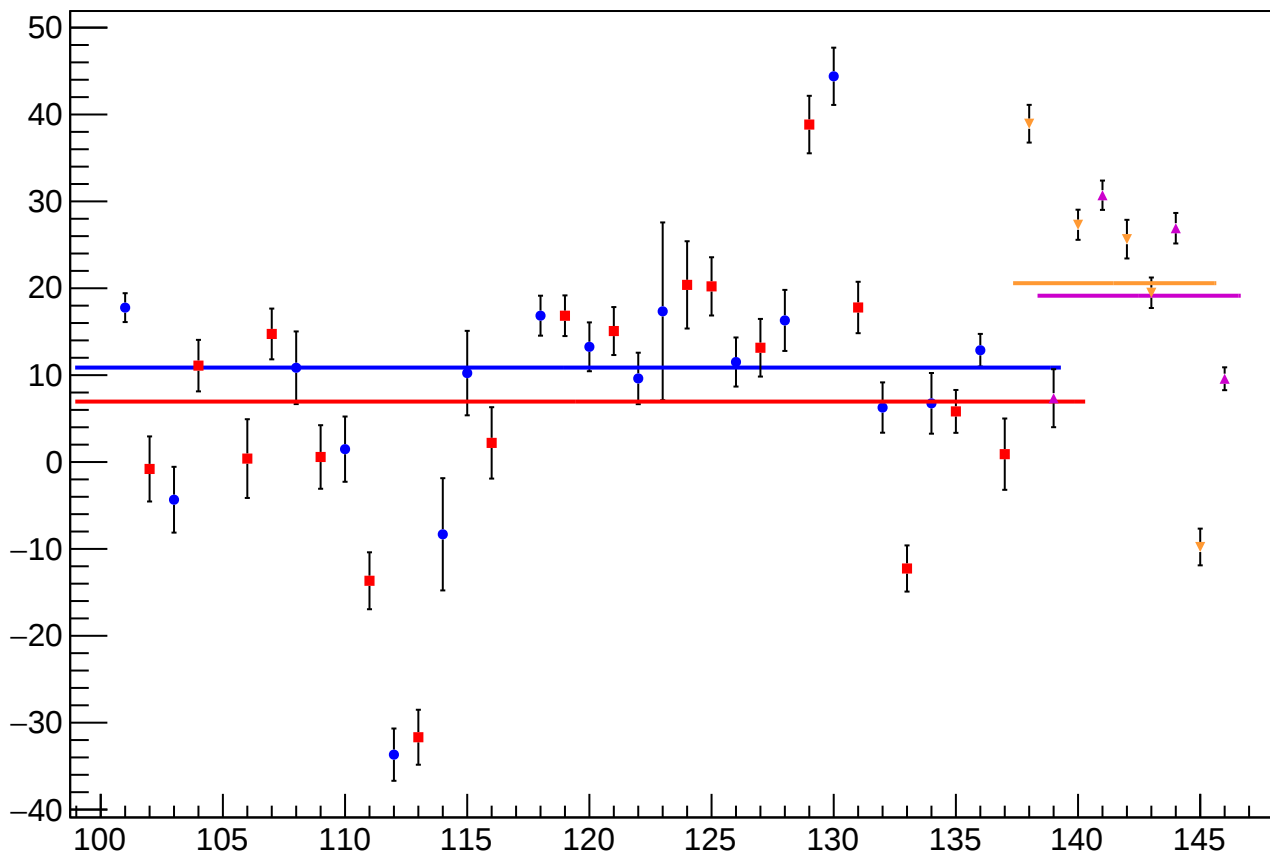
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 145.970 $\pm$ 0.751 χ^2 /NDF:2499.0/20

Out: 148.032 $\pm$ 0.760 χ^2 /NDF:2418.0/22

All: 146.989 $\pm$ 0.534 χ^2 /NDF: 4920.7/43

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: 20.584 $\pm$ 0.879 χ^2 /NDF:298.6/4

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 19.142 $\pm$ 0.863 χ^2 /NDF:131.8/3

Left: 19.850 $\pm$ 0.616 χ^2 /NDF: 431.8/8

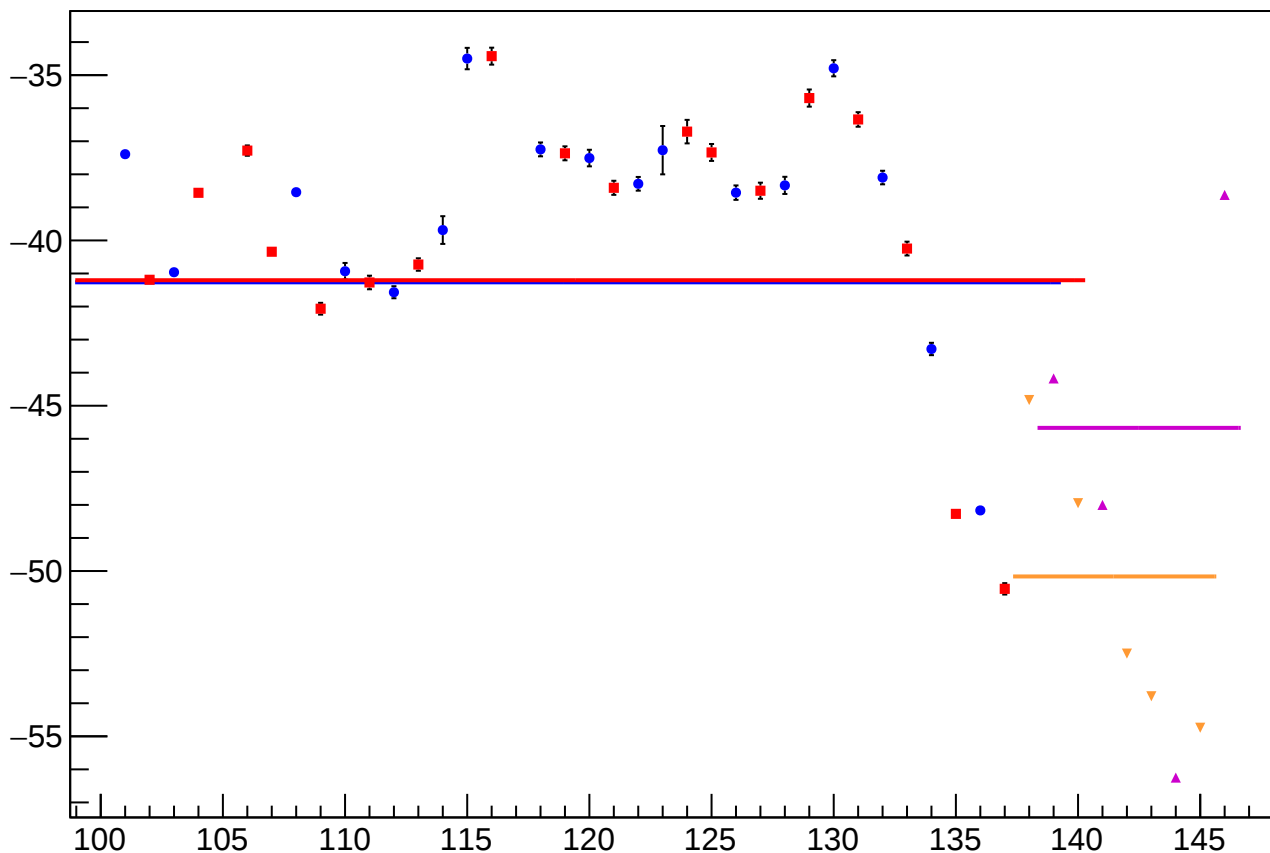
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.235 $\pm$ 0.550 χ^2 /NDF:573.0/20

Out: 12.694 $\pm$ 0.570 χ^2 /NDF:860.2/22

All: 13.492 $\pm$ 0.396 χ^2 /NDF: 1437.0/43

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: -50.165 ± 0.040 $\chi^2/\text{NDF}: 9632.0/4$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -45.670 ± 0.041 $\chi^2/\text{NDF}: 21191.6/3$

Left: -47.946 ± 0.029 $\chi^2/\text{NDF}: 36928.1/8$

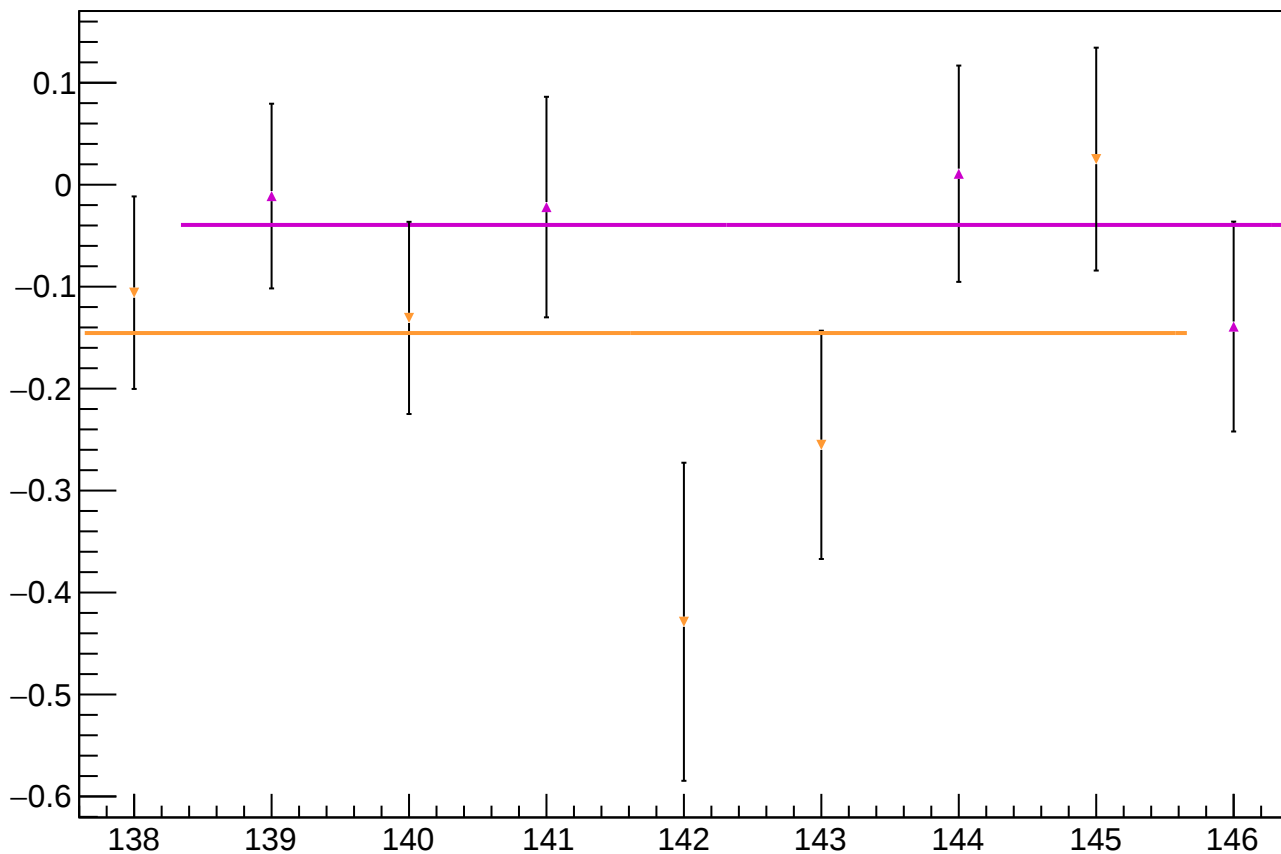
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -43.335 ± 0.028 $\chi^2/\text{NDF}: 39908.0/20$

Out: -45.506 ± 0.028 $\chi^2/\text{NDF}: 47190.9/22$

All: -44.422 ± 0.020 $\chi^2/\text{NDF}: 90098.8/43$

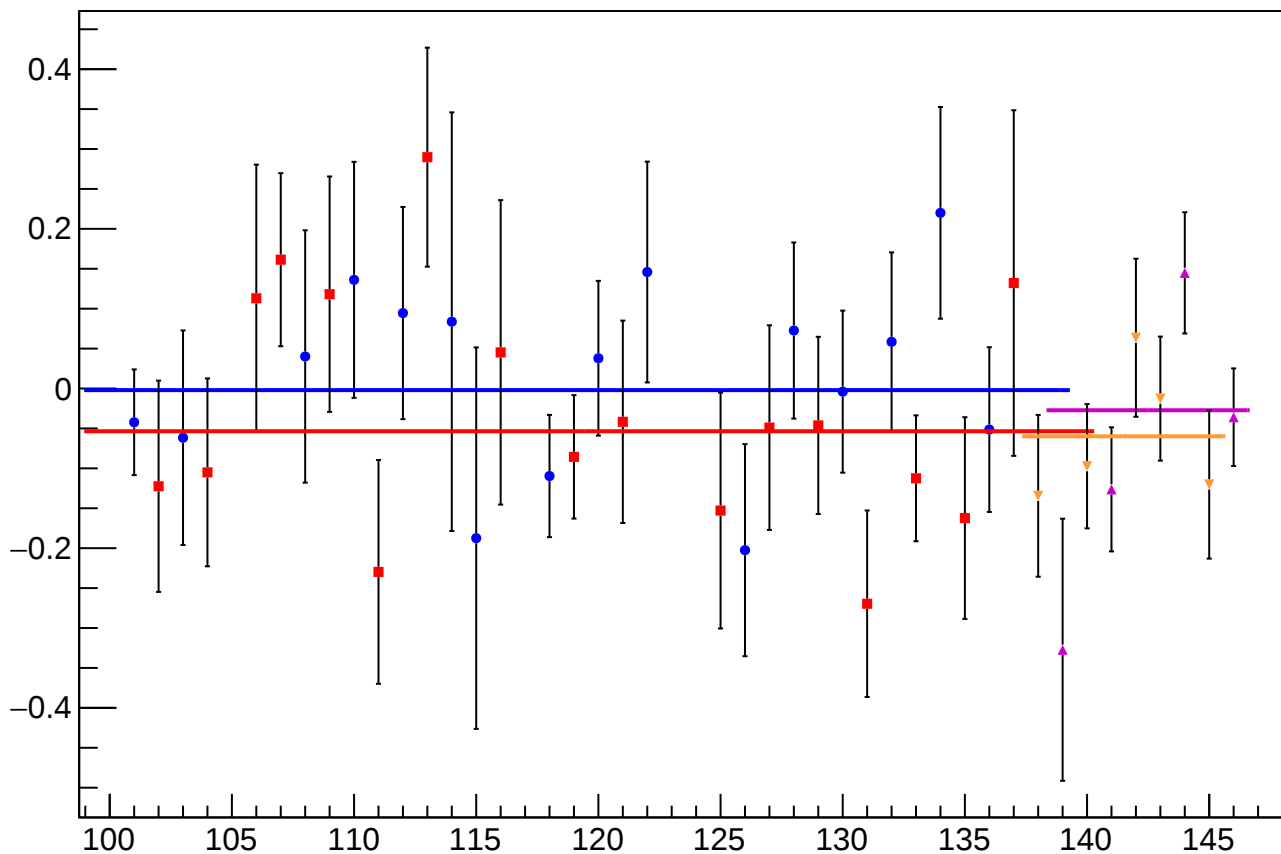
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.048 χ^2 /NDF:6.9/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.039 $\pm$ 0.051 χ^2 /NDF:1.3/3

Left: -0.095 $\pm$ 0.035 χ^2 /NDF: 10.5/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.039 $\pm$ 0.051 χ^2 /NDF:1.3/3
 Out: -0.145 $\pm$ 0.048 χ^2 /NDF:6.9/4
 All: -0.095 $\pm$ 0.035 χ^2 /NDF: 10.5/8

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.060 ± 0.039 χ^2/NDF : 3.1/4

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.027 ± 0.039 χ^2/NDF : 10.1/3

Left: -0.044 ± 0.028 χ^2/NDF : 13.6/8

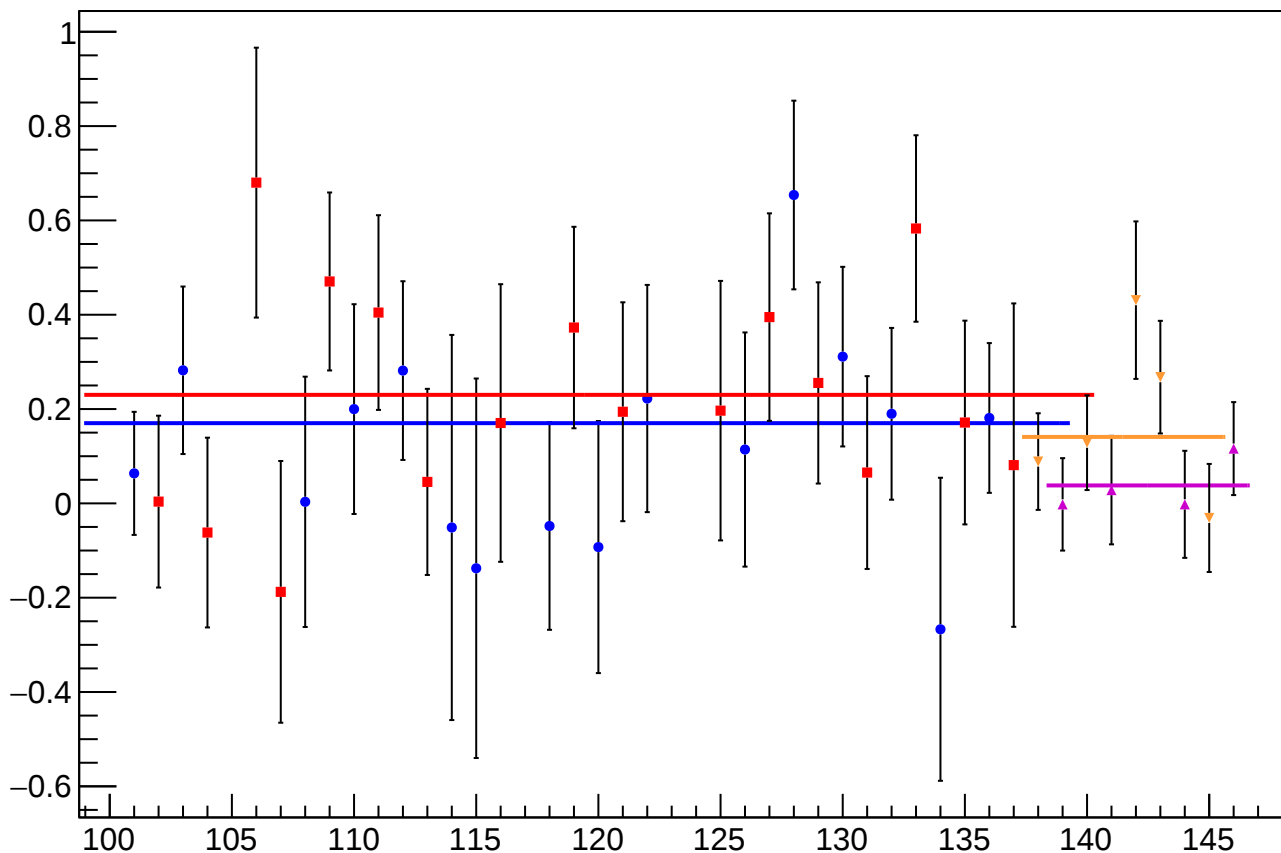
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.011 ± 0.023 χ^2/NDF : 22.5/19

Out: -0.056 ± 0.024 χ^2/NDF : 24.1/21

All: -0.033 ± 0.016 χ^2/NDF : 48.5/41

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: 0.141 $\pm$ 0.052 χ^2 /NDF:6.7/4

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.038 $\pm$ 0.053 χ^2 /NDF:0.9/3

Left: 0.091 $\pm$ 0.037 χ^2 /NDF: 9.5/8

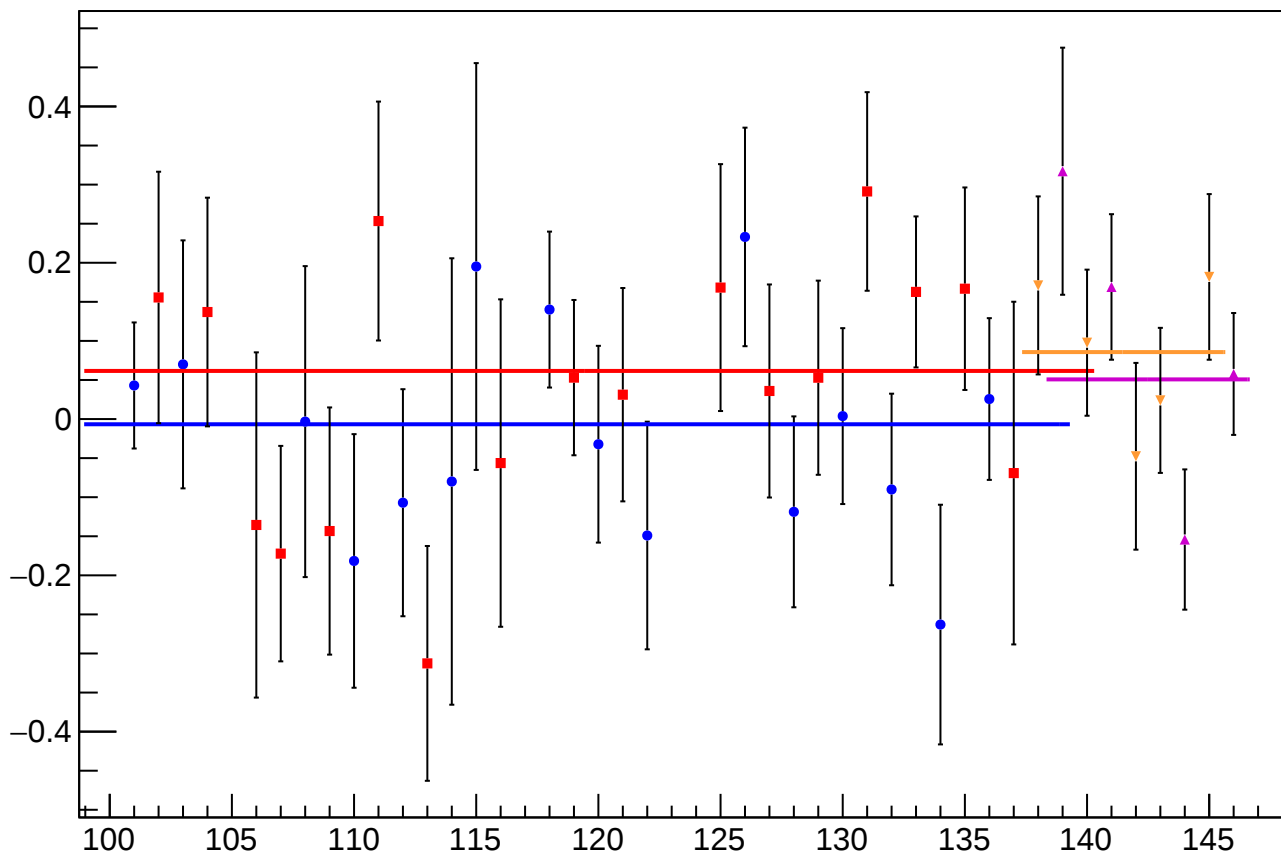
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.104 $\pm$ 0.037 χ^2 /NDF:17.1/19

Out: 0.184 $\pm$ 0.037 χ^2 /NDF:24.9/21

All: 0.144 $\pm$ 0.026 χ^2 /NDF: 44.3/41

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.086 ± 0.046 $\chi^2/\text{NDF}: 3.1/4$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.051 ± 0.047 $\chi^2/\text{NDF}: 9.7/3$

Left: 0.069 ± 0.033 $\chi^2/\text{NDF}: 13.0/8$

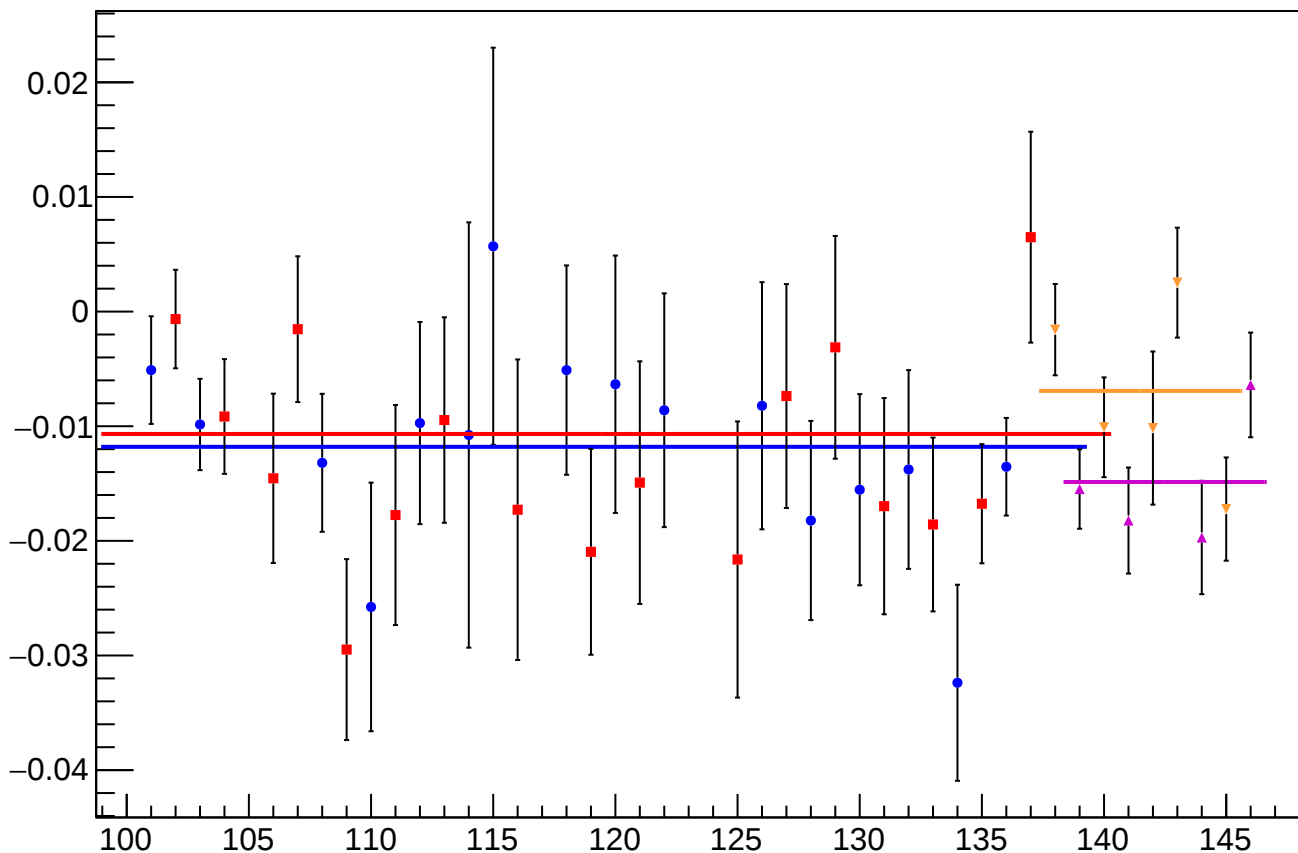
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.012 ± 0.027 $\chi^2/\text{NDF}: 23.9/19$

Out: 0.070 ± 0.027 $\chi^2/\text{NDF}: 23.2/21$

All: 0.040 ± 0.019 $\chi^2/\text{NDF}: 49.5/41$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.002 χ^2/NDF : 11.7/4

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.015 ± 0.002 χ^2/NDF : 5.0/3

Left: -0.011 ± 0.001 χ^2/NDF : 23.7/8

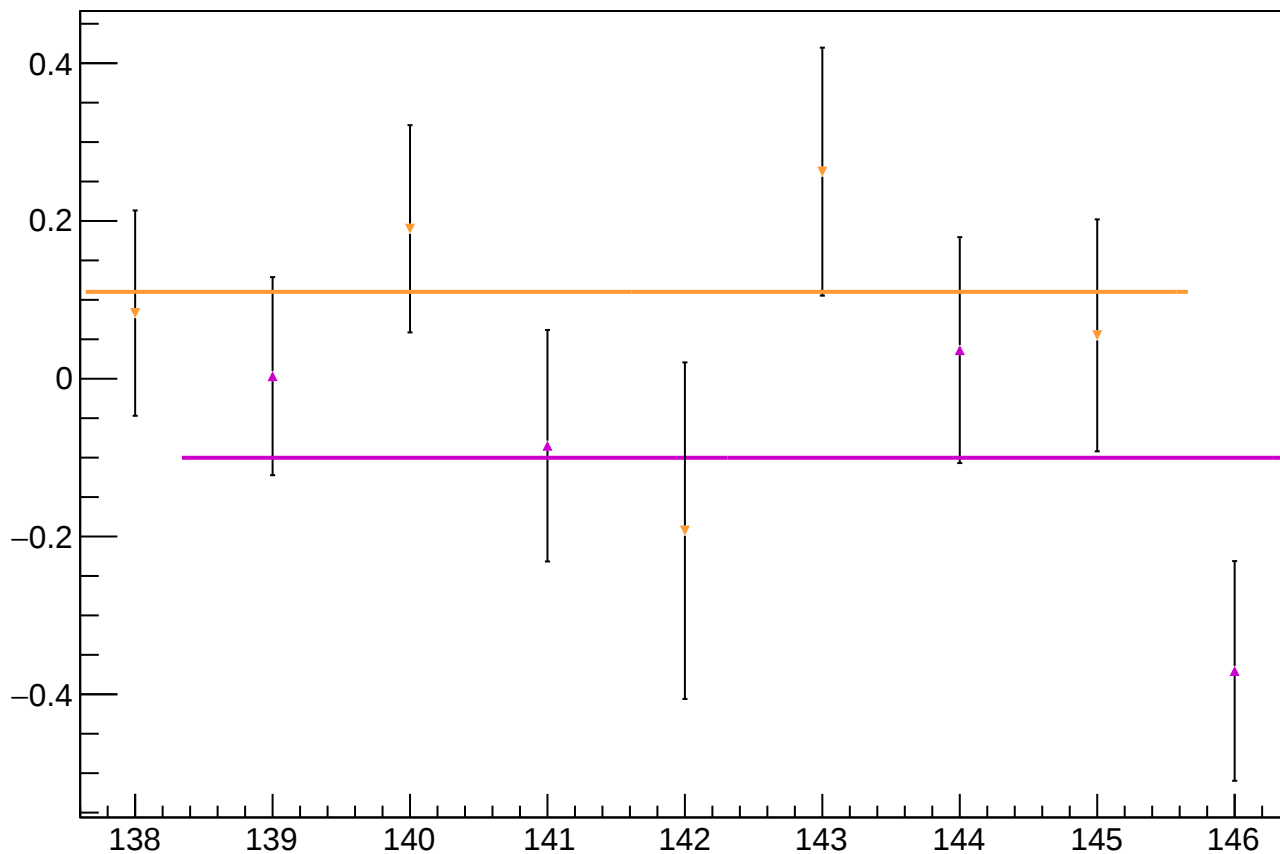
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.013 ± 0.001 χ^2/NDF : 19.0/19

Out: -0.009 ± 0.001 χ^2/NDF : 37.3/21

All: -0.011 ± 0.001 χ^2/NDF : 60.6/41

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.110 ± 0.067 $\chi^2/\text{NDF}: 3.5/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.100 ± 0.069 $\chi^2/\text{NDF}: 5.4/3$

Left: 0.009 ± 0.048 $\chi^2/\text{NDF}: 13.7/8$

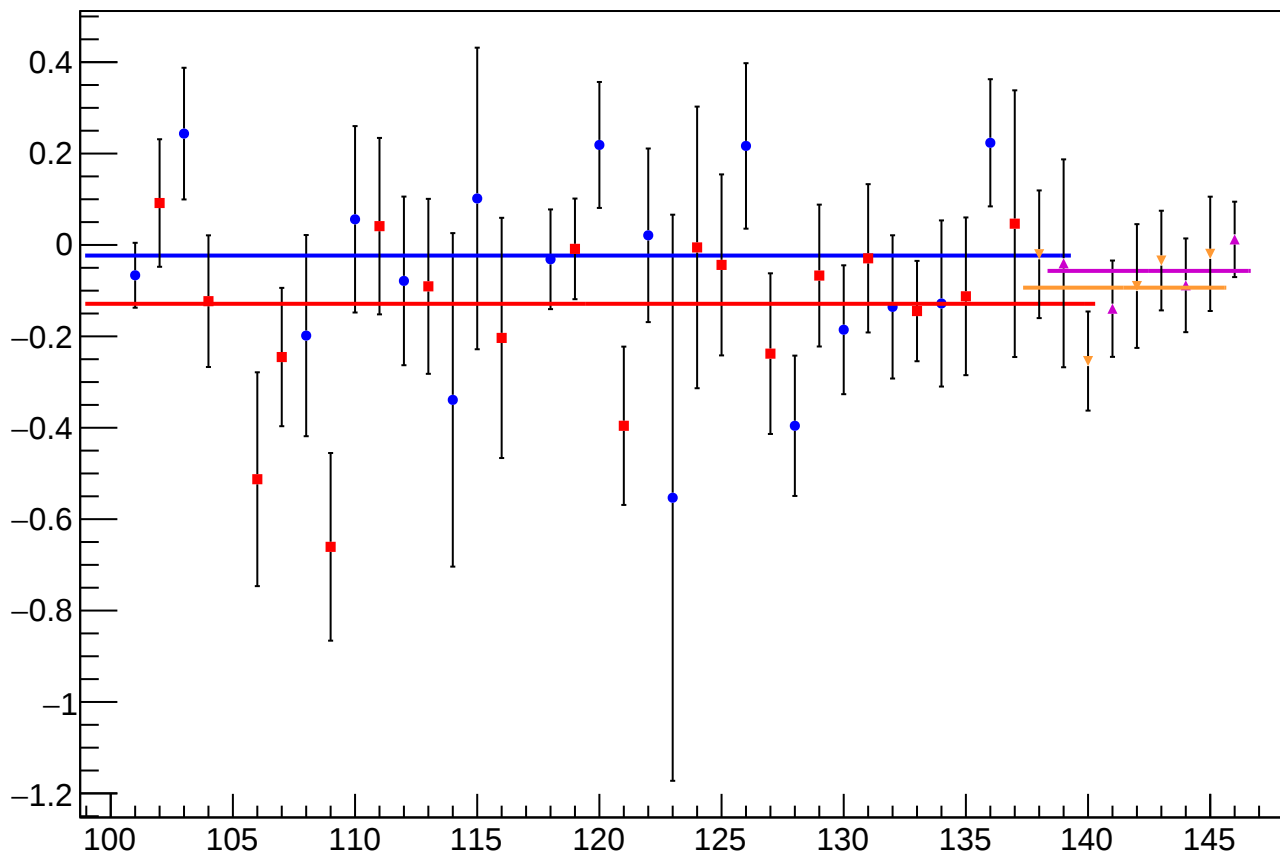
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.100 ± 0.069 $\chi^2/\text{NDF}: 5.4/3$

Out: 0.110 ± 0.067 $\chi^2/\text{NDF}: 3.5/4$

All: 0.009 ± 0.048 $\chi^2/\text{NDF}: 13.7/8$

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.093 ± 0.054 χ^2/NDF : 3.1/4

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.057 ± 0.053 χ^2/NDF : 1.4/3

Left: -0.075 ± 0.038 χ^2/NDF : 4.8/8

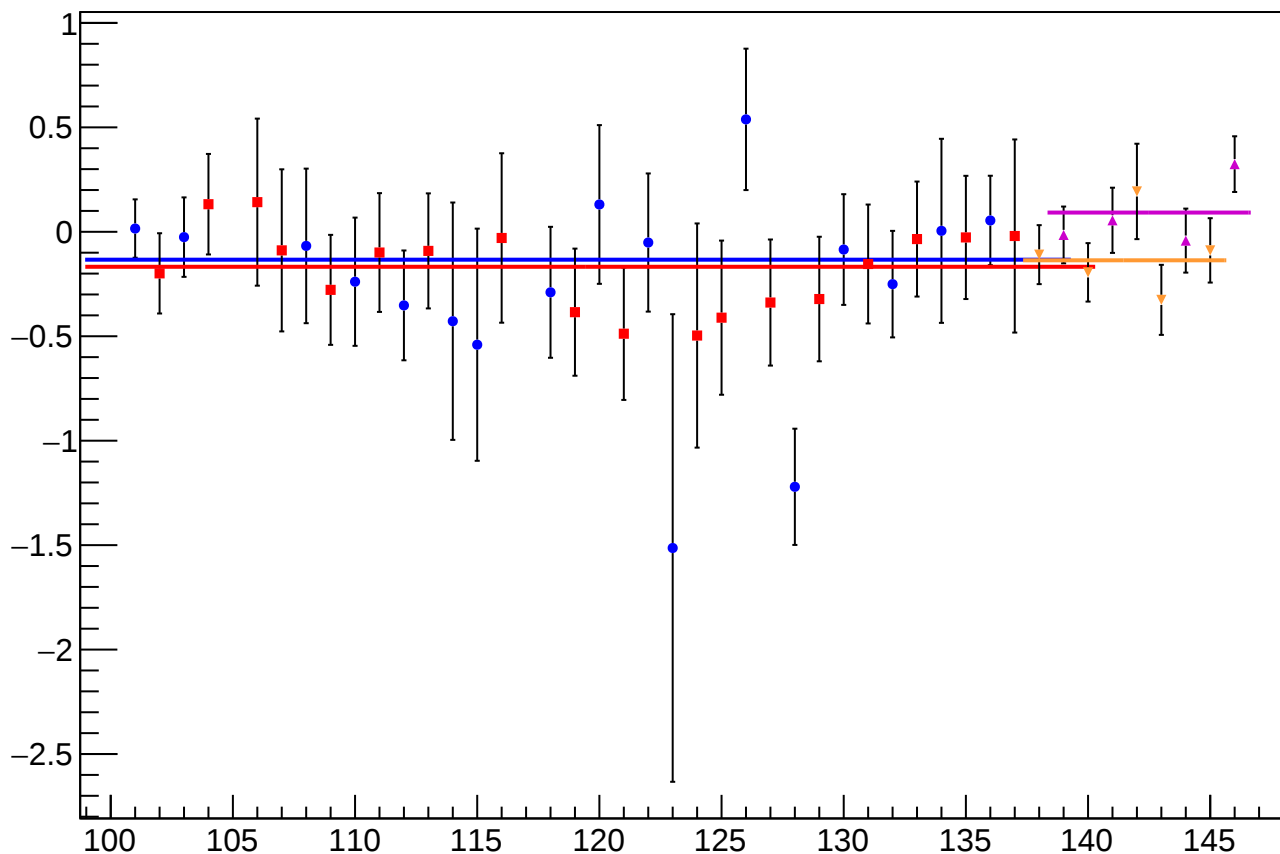
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.034 ± 0.030 χ^2/NDF : 24.1/20

Out: -0.117 ± 0.032 χ^2/NDF : 22.0/22

All: -0.073 ± 0.022 χ^2/NDF : 49.6/43

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.136 ± 0.071 χ^2/NDF : 3.7/4

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.092 ± 0.072 χ^2/NDF : 4.5/3

Left: -0.023 ± 0.050 χ^2/NDF : 13.3/8

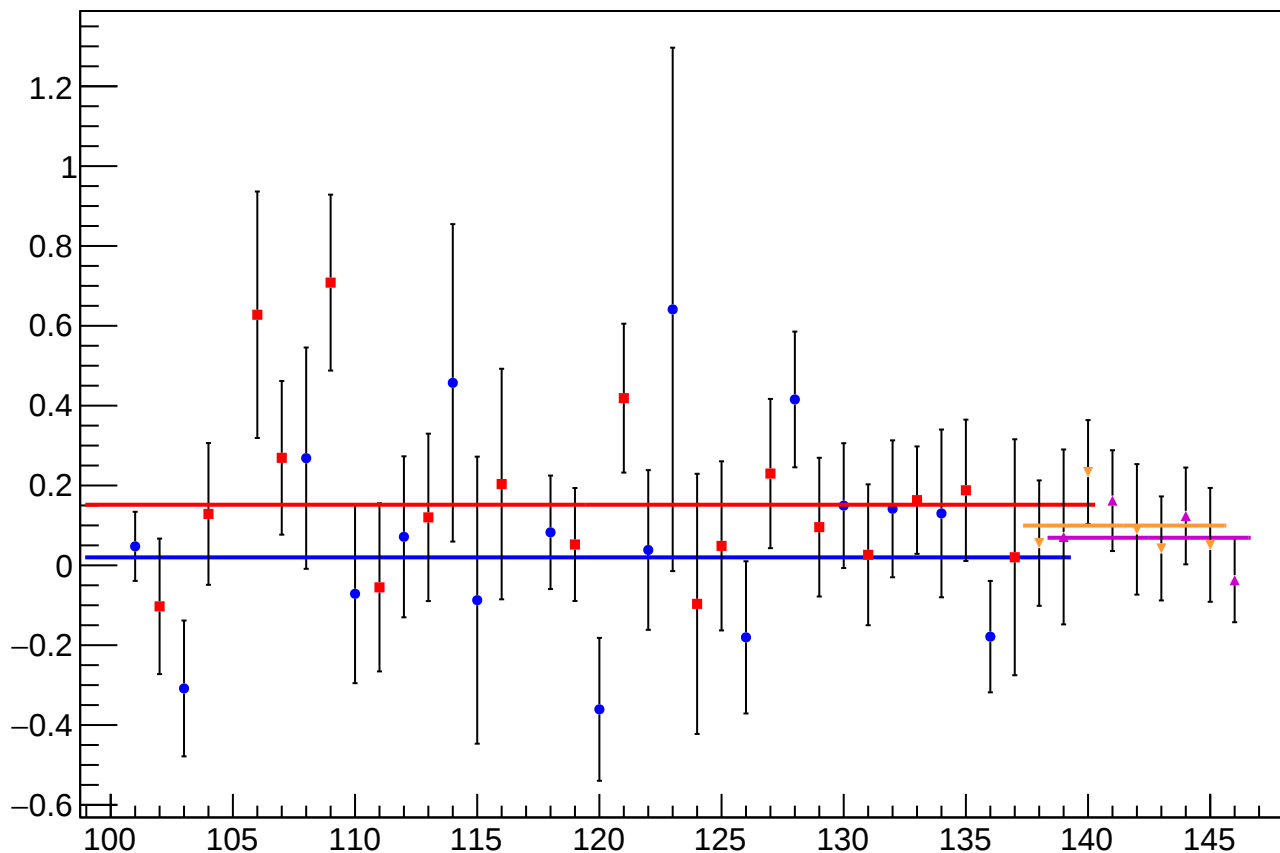
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.028 ± 0.049 χ^2/NDF : 35.5/20

Out: -0.152 ± 0.050 χ^2/NDF : 9.9/22

All: -0.089 ± 0.035 χ^2/NDF : 48.5/43

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.100 ± 0.064 $\chi^2/\text{NDF}: 1.4/4$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.069 ± 0.064 $\chi^2/\text{NDF}: 1.8/3$

Left: 0.084 ± 0.045 $\chi^2/\text{NDF}: 3.3/8$

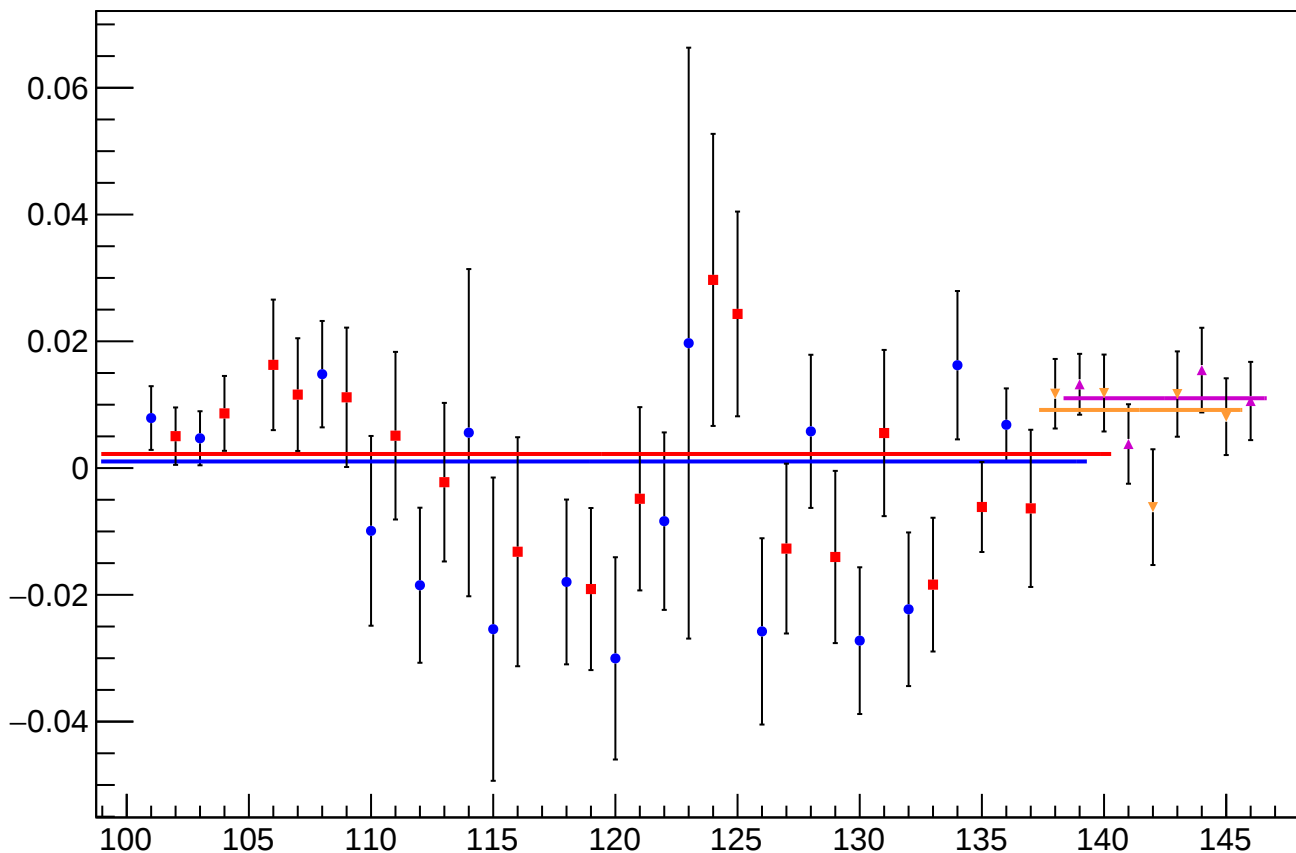
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.035 ± 0.035 $\chi^2/\text{NDF}: 24.0/20$

Out: 0.134 ± 0.037 $\chi^2/\text{NDF}: 18.7/22$

All: 0.082 ± 0.026 $\chi^2/\text{NDF}: 46.4/43$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF : 32.0/16

Left Out: 0.009+/-0.003 χ^2/NDF : 3.4/4

Right Out: 0.002+/-0.002 χ^2/NDF : 20.8/17

Left In: 0.011+/-0.003 χ^2/NDF : 2.0/3

Left: 0.010+/-0.002 χ^2/NDF : 5.6/8

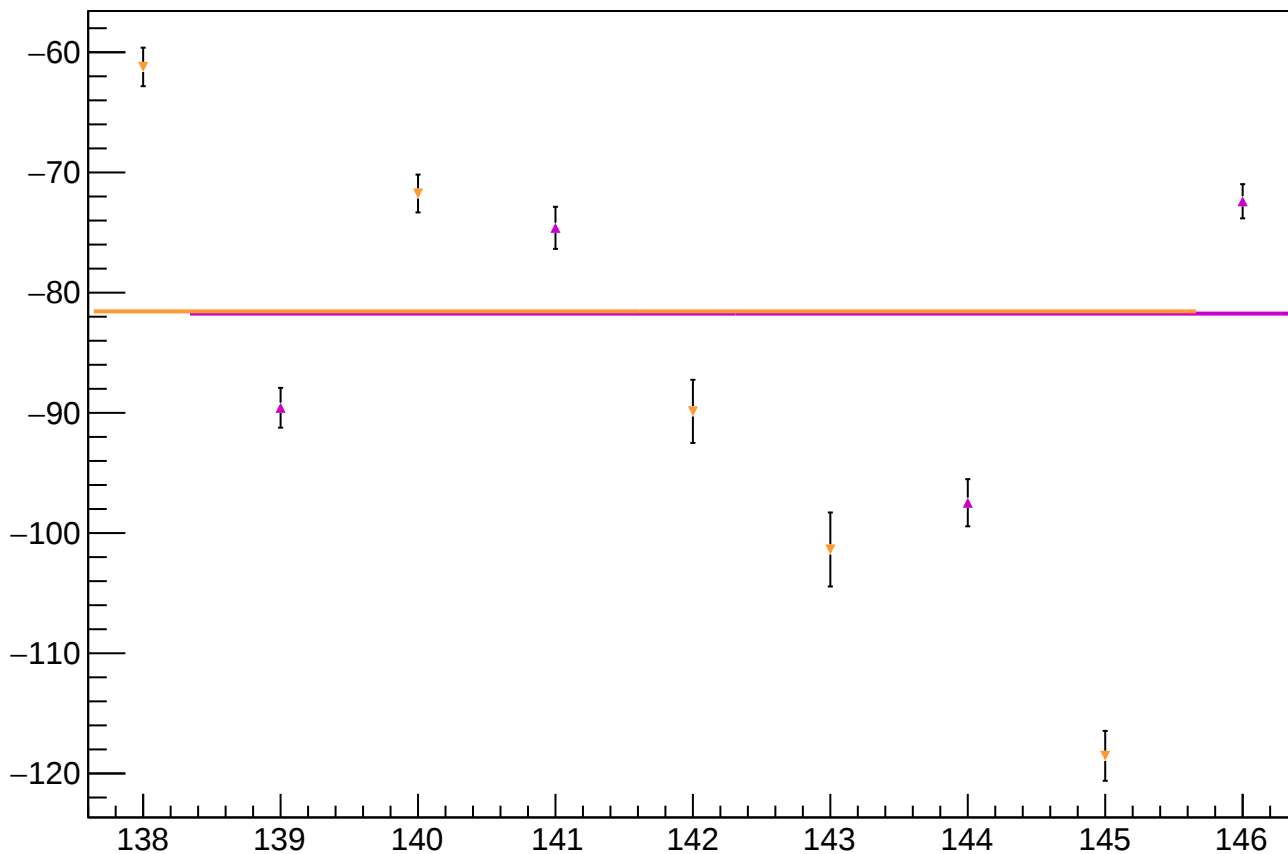
Right: 0.002+/-0.002 χ^2/NDF : 53.0/34

In: 0.005+/-0.002 χ^2/NDF : 41.4/20

Out: 0.005+/-0.002 χ^2/NDF : 27.8/22

All: 0.005+/-0.001 χ^2/NDF : 69.2/43

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: -81.555+/-0.885 χ^2/NDF :568.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.741+/-0.832 χ^2/NDF :146.4/3

Left: -81.654+/-0.606 χ^2/NDF : 715.2/8

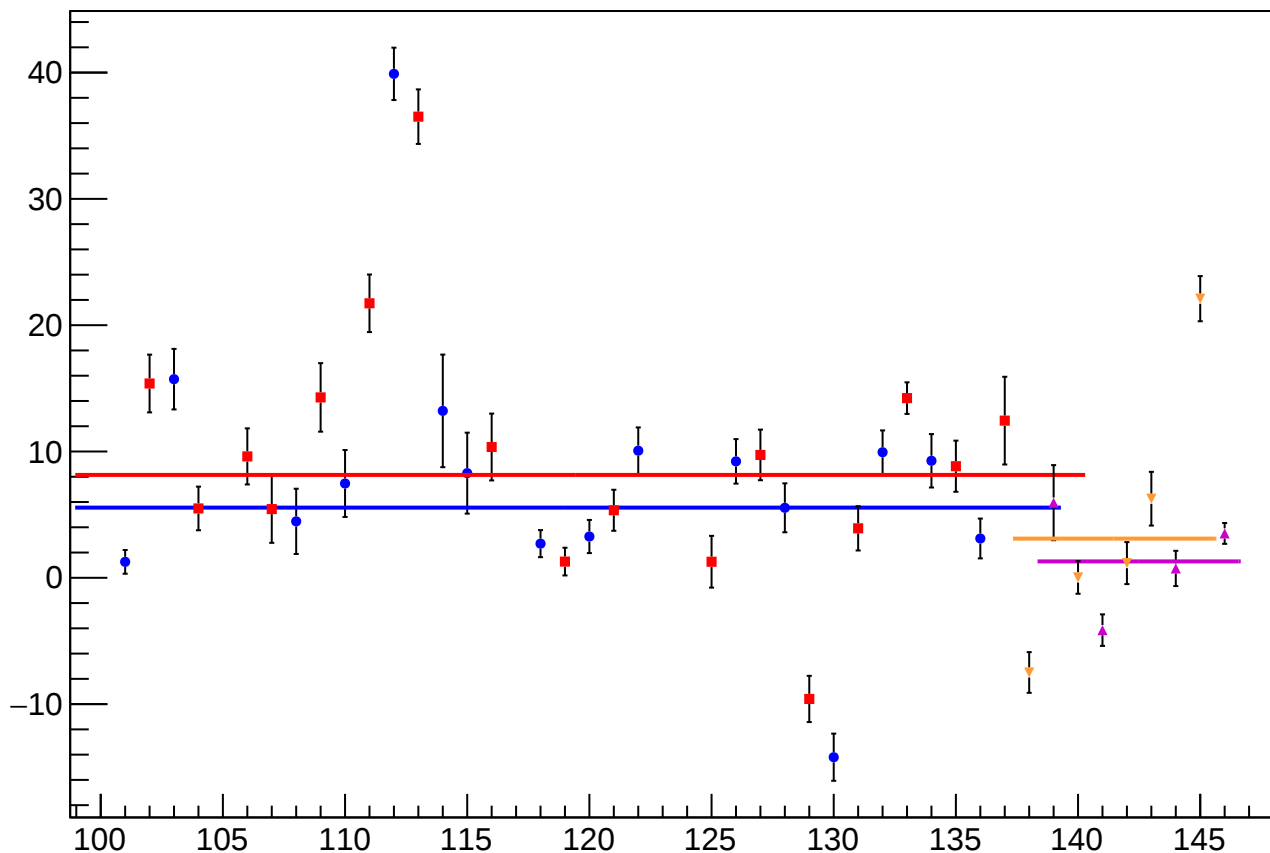
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.741+/-0.832 χ^2/NDF :146.4/3

Out: -81.555+/-0.885 χ^2/NDF :568.8/4

All: -81.654+/-0.606 χ^2/NDF : 715.2/8

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 3.104 $\pm$ 0.729 χ^2 /NDF:165.4/4

Right Out: 8.146 $\pm$ 0.454 χ^2 /NDF: 406.8/16

Left In: 1.299 $\pm$ 0.605 χ^2 /NDF:28.8/3

Left: 2.035 $\pm$ 0.465 χ^2 /NDF: 197.8/8

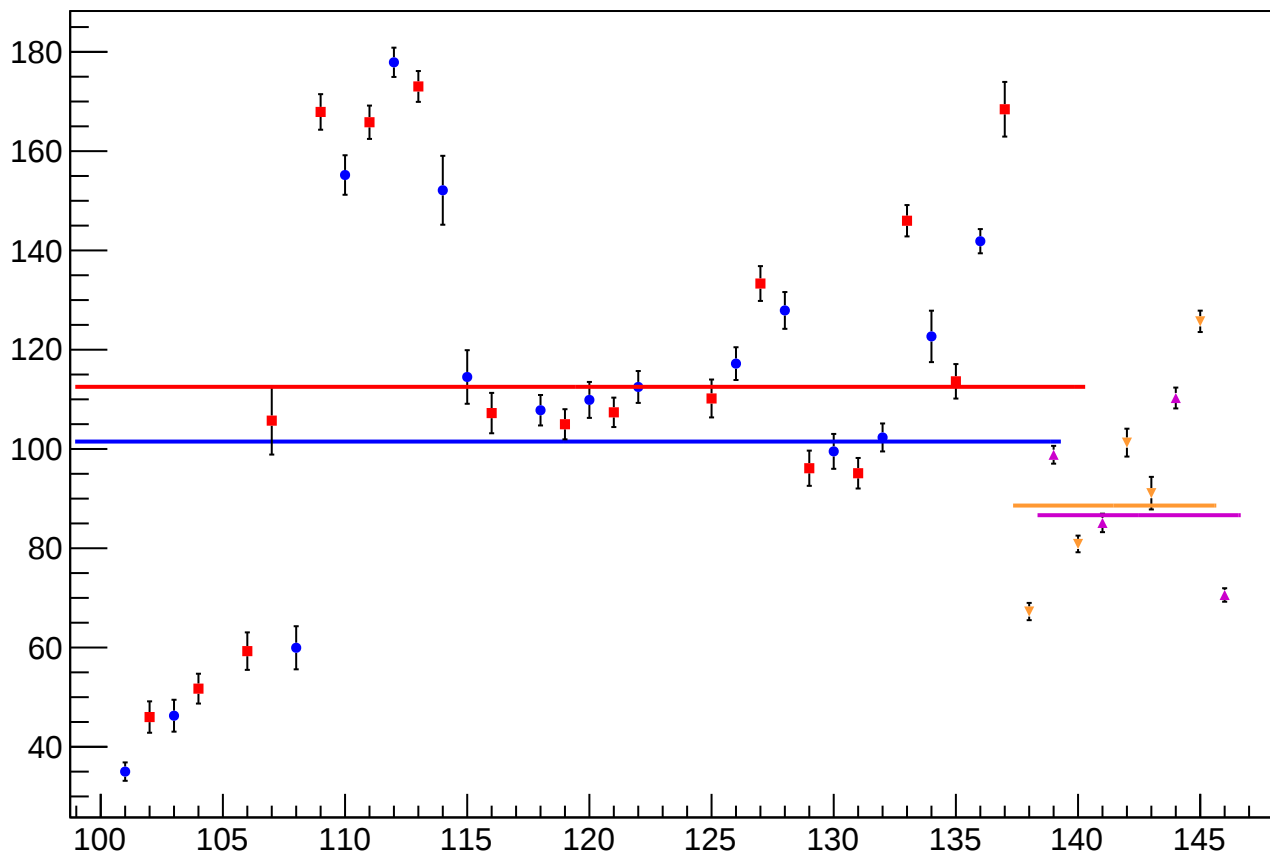
Right: 6.763 $\pm$ 0.310 χ^2 /NDF: 886.1/32

In: 4.153 $\pm$ 0.347 χ^2 /NDF:524.1/19

Out: 6.735 $\pm$ 0.386 χ^2 /NDF:606.6/21

All: 5.309 $\pm$ 0.258 χ^2 /NDF: 1155.5/41

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: 88.604 $\pm$ 0.944 χ^2 /NDF: 490.1/4

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 86.660 $\pm$ 0.855 χ^2 /NDF: 313.0/3

Left: 87.536 $\pm$ 0.634 χ^2 /NDF: 805.4/8

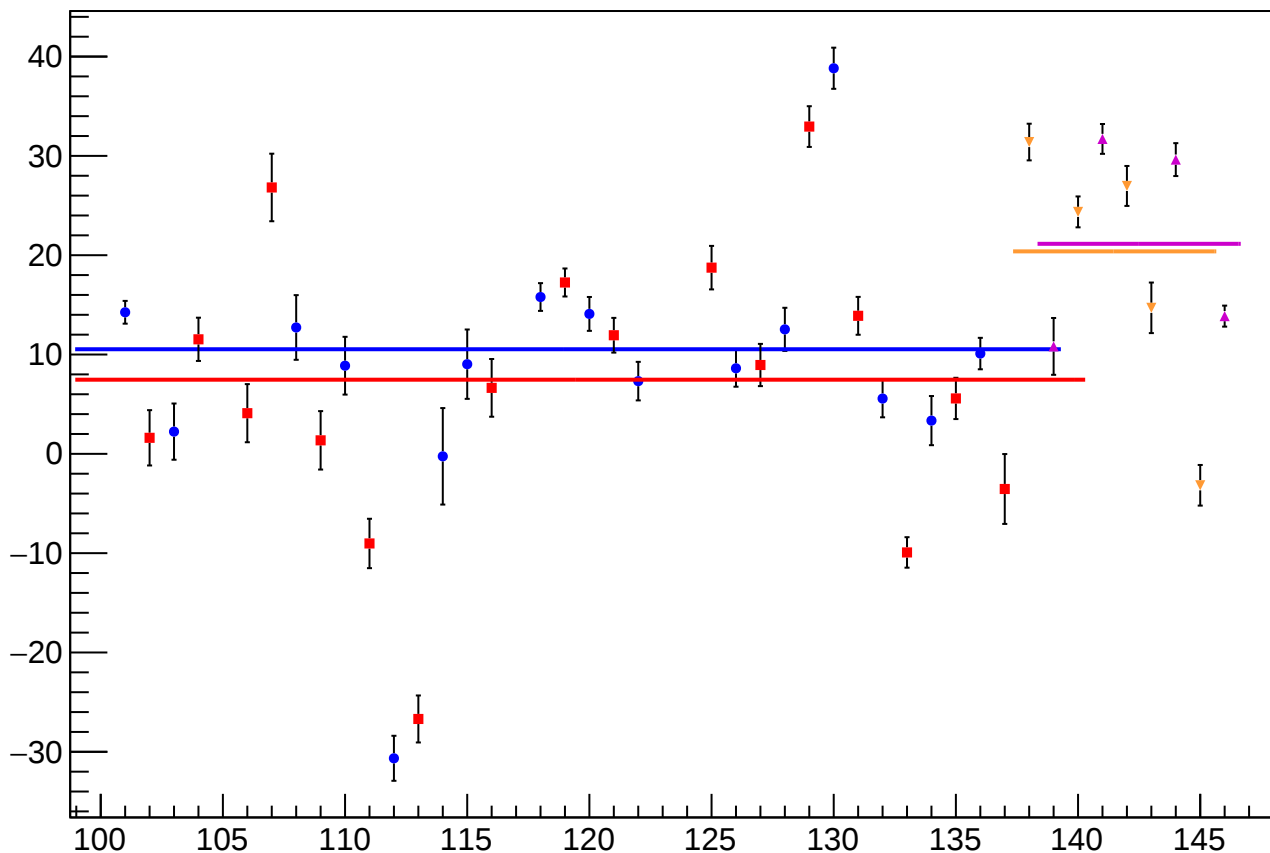
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 94.495 $\pm$ 0.587 χ^2 /NDF: 3444.9/19

Out: 101.905 $\pm$ 0.629 χ^2 /NDF: 3084.2/21

All: 97.948 $\pm$ 0.429 χ^2 /NDF: 6603.2/41

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: 20.386 $\pm$ 0.861 χ^2 /NDF:190.3/4

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 21.147 $\pm$ 0.741 χ^2 /NDF:136.0/3

Left: 20.823 $\pm$ 0.562 χ^2 /NDF: 326.8/8

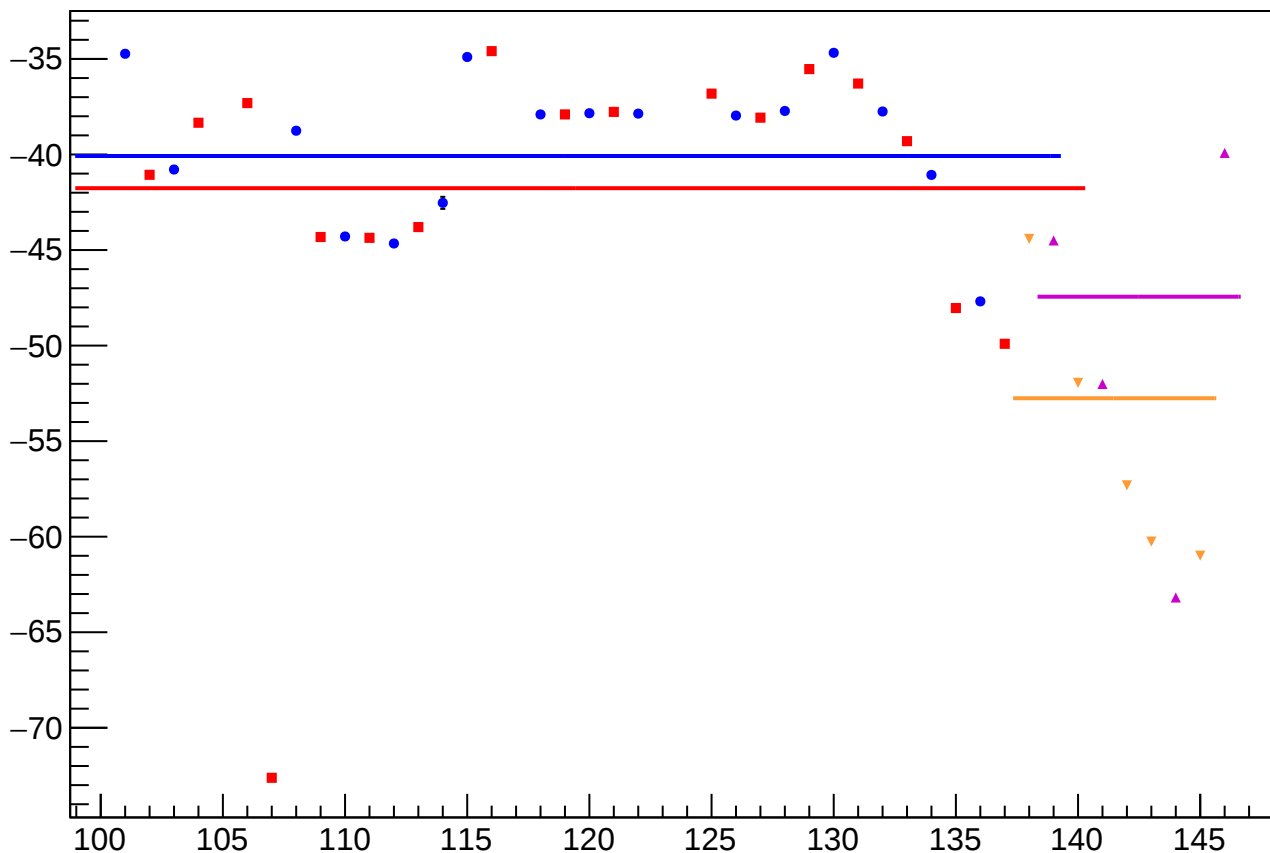
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 13.790 $\pm$ 0.410 χ^2 /NDF:858.7/19

Out: 10.965 $\pm$ 0.448 χ^2 /NDF:1039.3/21

All: 12.503 $\pm$ 0.303 χ^2 /NDF: 1919.6/41

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2/NDF : 25147.0/15

Left Out: -52.756 $\pm$ 0.039 χ^2/NDF : 29028.0/4

Right Out: -41.764 $\pm$ 0.029 χ^2/NDF : 60249.3/16

Left In: -47.442 $\pm$ 0.035 χ^2/NDF : 49508.9/3

Left: -49.864 $\pm$ 0.026 χ^2/NDF : 88853.0/8

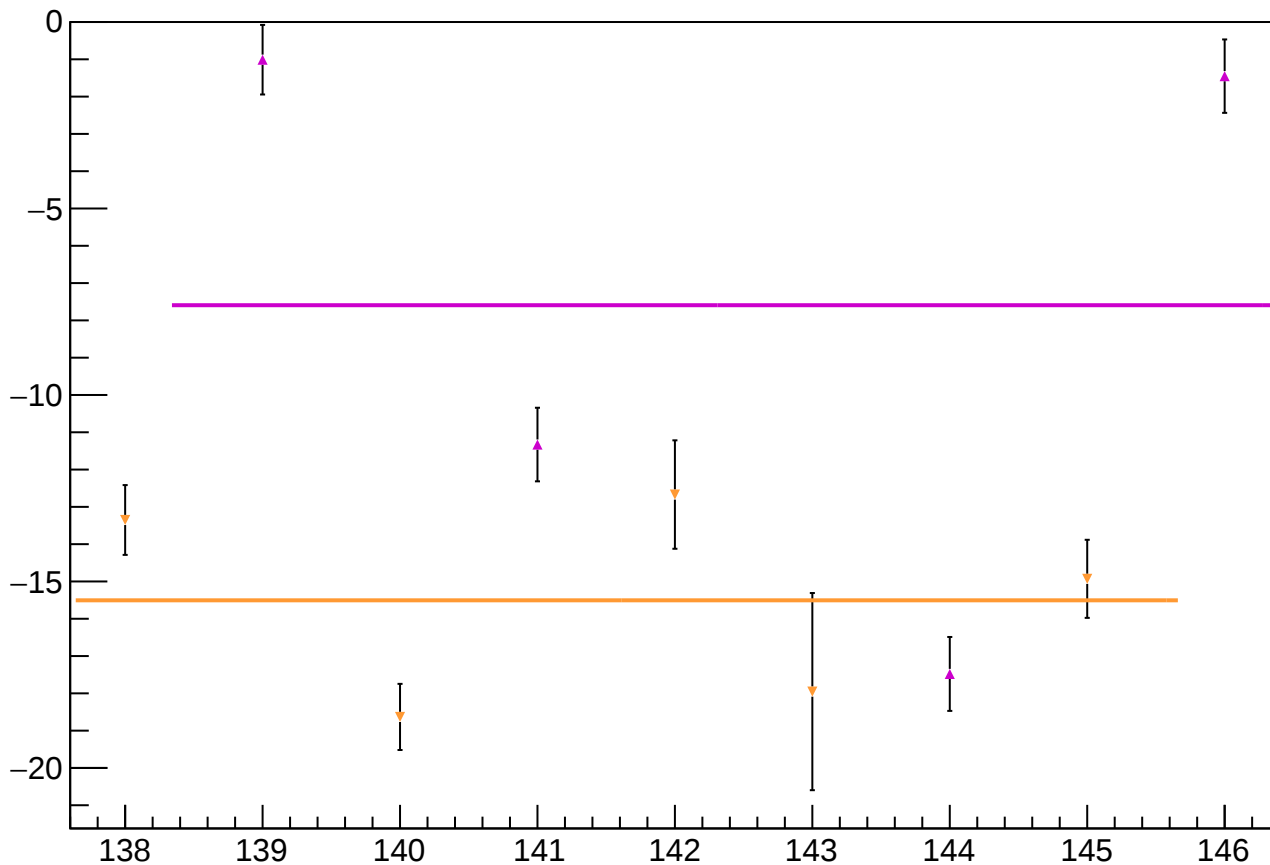
Right: -40.903 $\pm$ 0.020 χ^2/NDF : 87139.1/32

In: -42.947 $\pm$ 0.022 χ^2/NDF : 101171.2/19

Out: -45.704 $\pm$ 0.023 χ^2/NDF : 141315.7/21

All: -44.261 $\pm$ 0.016 χ^2/NDF : 249935.3/41

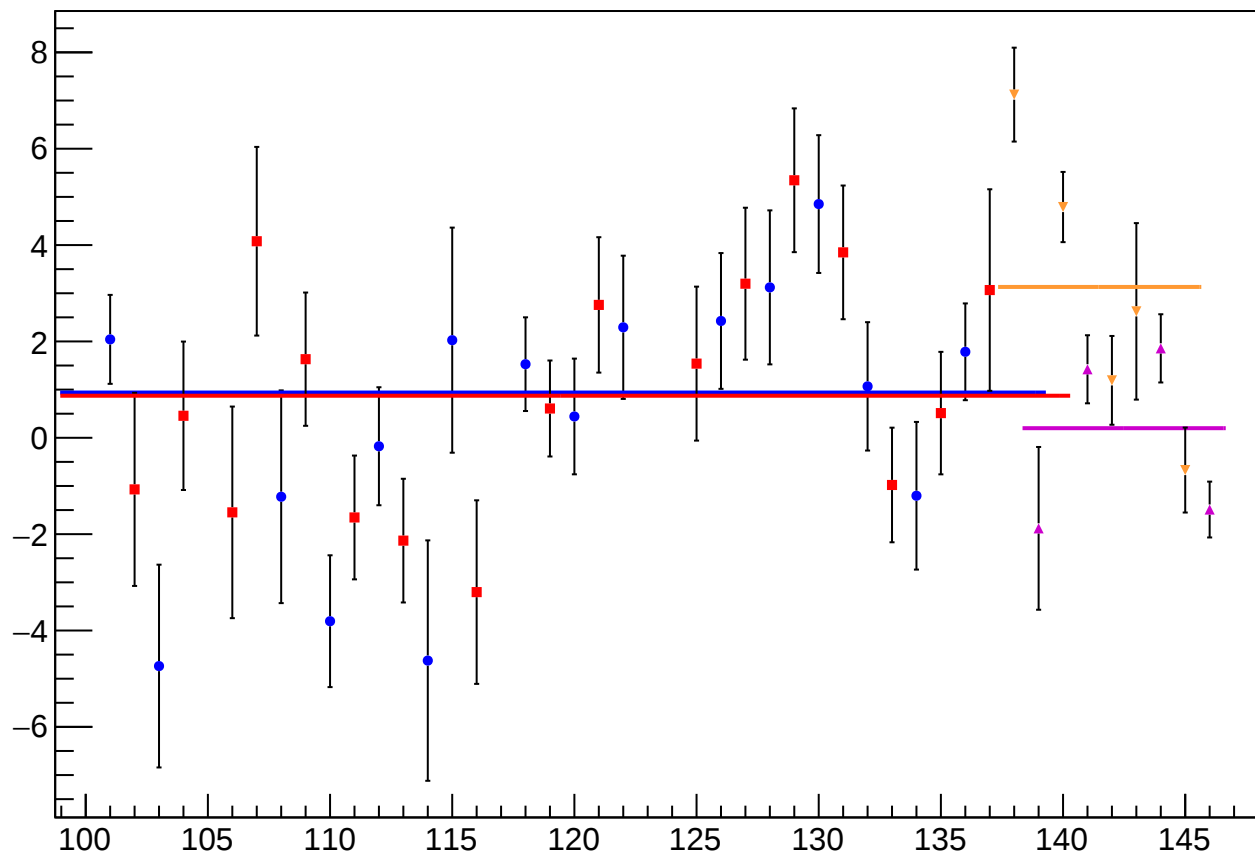
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -15.506 ± 0.504 χ^2/NDF : 22.7/4
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -7.593 ± 0.486 χ^2/NDF : 202.6/3

Left: -11.412 ± 0.350 χ^2/NDF : 353.0/8
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -7.593 ± 0.486 χ^2/NDF : 202.6/3
 Out: -15.506 ± 0.504 χ^2/NDF : 22.7/4
 All: -11.412 ± 0.350 χ^2/NDF : 353.0/8

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: 3.131 ± 0.419 $\chi^2/\text{NDF}: 45.0/4$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 0.199 ± 0.369 $\chi^2/\text{NDF}: 18.5/3$

Left: 1.482 ± 0.277 $\chi^2/\text{NDF}: 91.1/8$

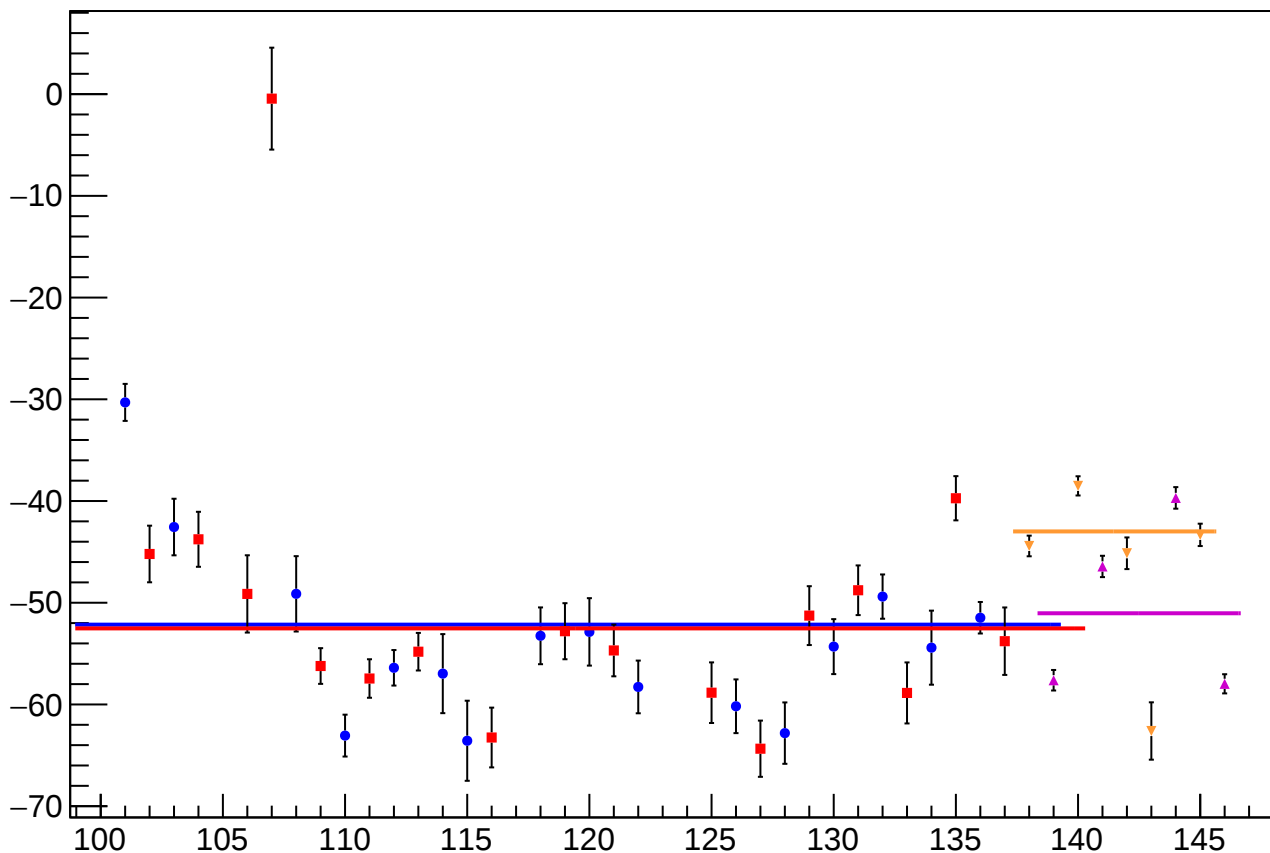
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.601 ± 0.250 $\chi^2/\text{NDF}: 62.9/19$

Out: 1.814 ± 0.270 $\chi^2/\text{NDF}: 102.5/21$

All: 1.159 ± 0.183 $\chi^2/\text{NDF}: 176.3/41$

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: -42.990 ± 0.538 χ^2/NDF : 74.9/4

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -51.035 ± 0.506 χ^2/NDF : 230.4/3

Left: -47.257 ± 0.368 χ^2/NDF : 424.1/8

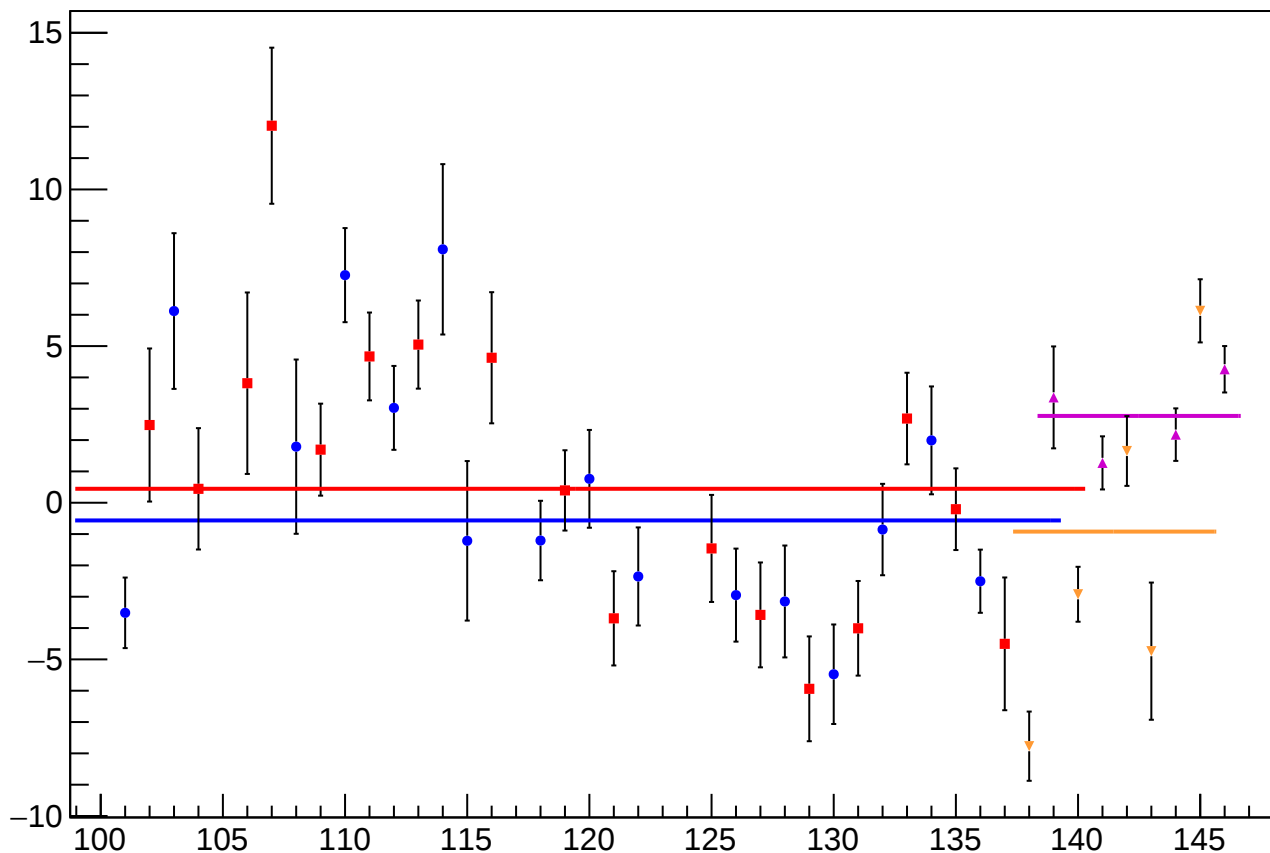
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -51.489 ± 0.390 χ^2/NDF : 463.5/19

Out: -47.097 ± 0.406 χ^2/NDF : 428.0/21

All: -49.378 ± 0.281 χ^2/NDF : 952.4/41

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: -0.921 ± 0.493 χ^2/NDF : 100.9/4

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 2.771 ± 0.447 χ^2/NDF : 7.8/3

Left: 1.106 ± 0.331 χ^2/NDF : 139.5/8

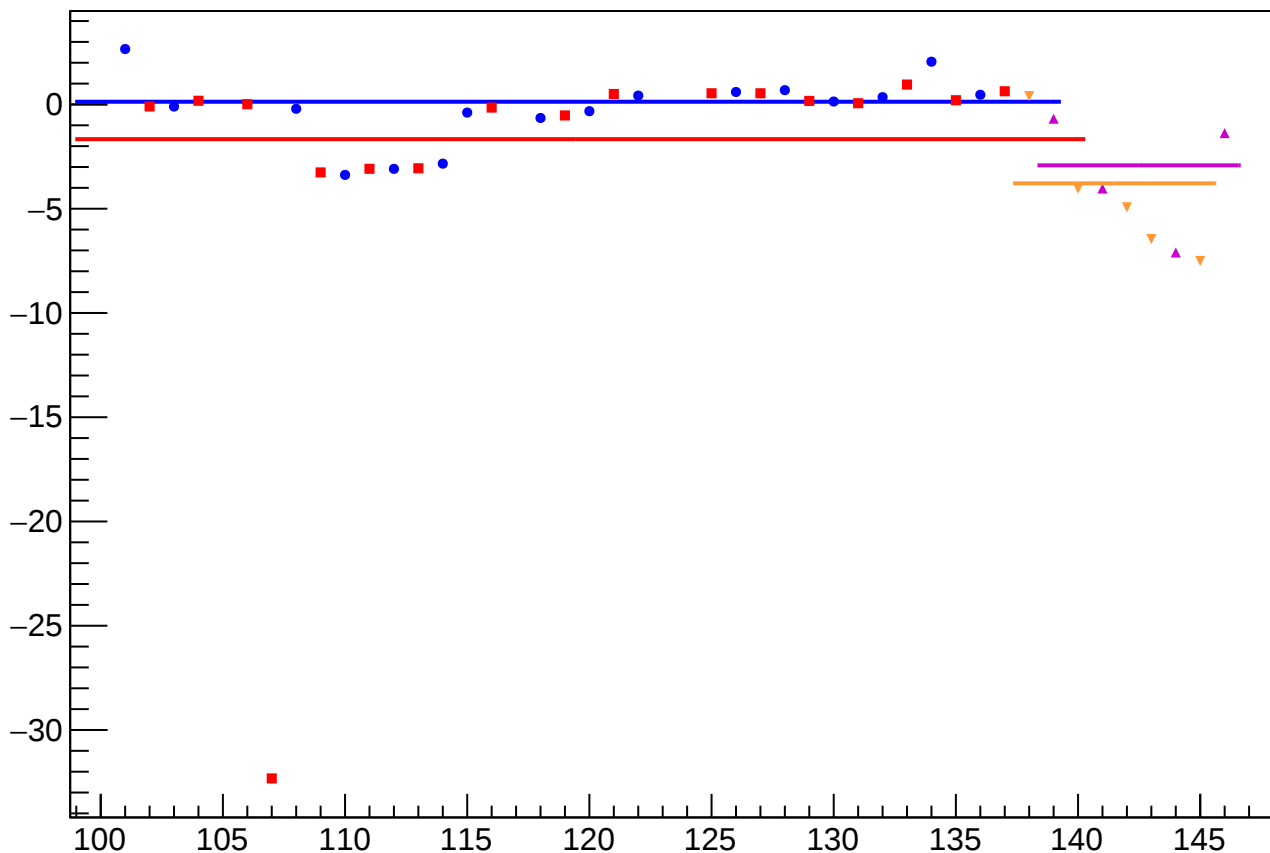
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 0.855 ± 0.291 χ^2/NDF : 121.7/19

Out: -0.098 ± 0.311 χ^2/NDF : 199.6/21

All: 0.409 ± 0.212 χ^2/NDF : 326.3/41

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: -3.783 ± 0.022 $\chi^2/\text{NDF}: 19440.8/4$

Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -2.919 ± 0.021 $\chi^2/\text{NDF}: 14018.0/3$

Left: -3.328 ± 0.015 $\chi^2/\text{NDF}: 34284.6/8$

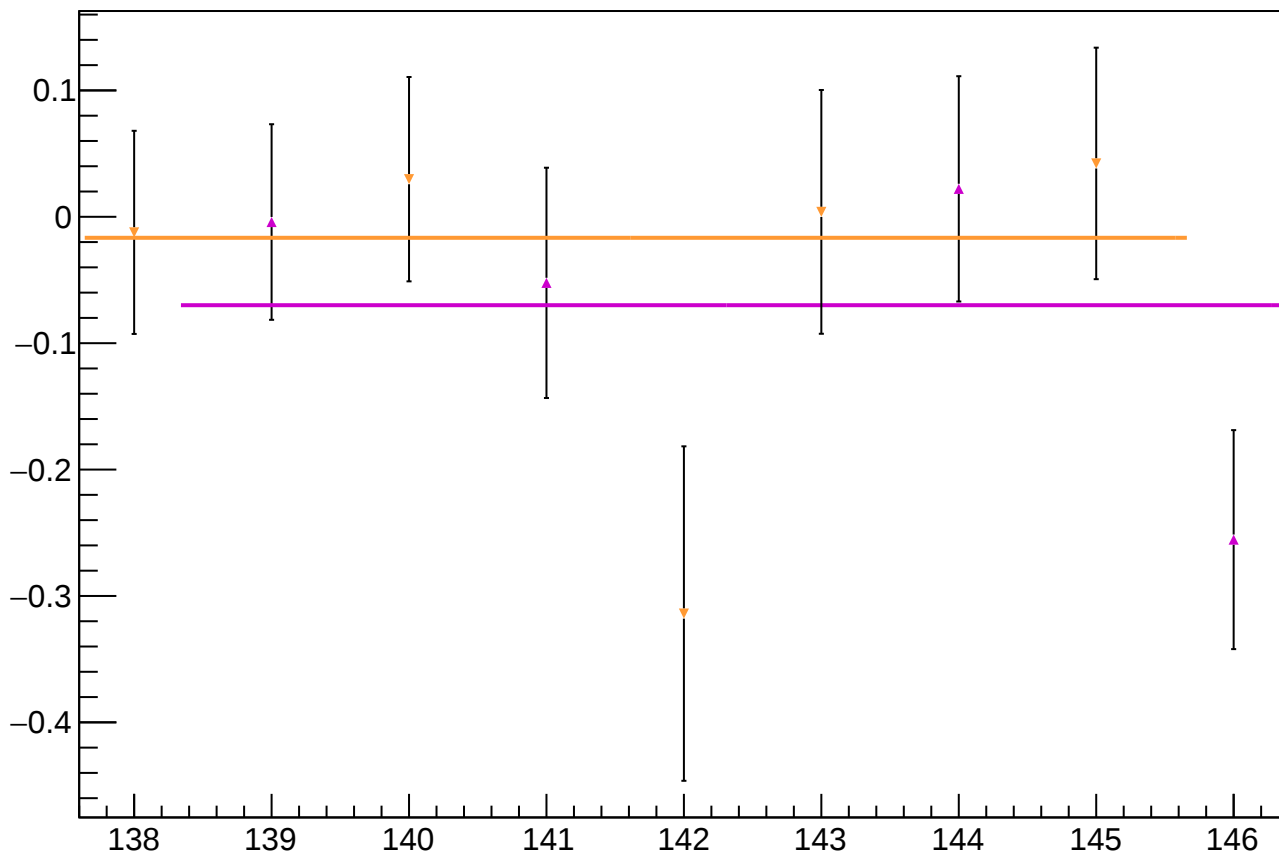
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -1.455 ± 0.015 $\chi^2/\text{NDF}: 29690.3/19$

Out: -2.727 ± 0.015 $\chi^2/\text{NDF}: 101738.8/21$

All: -2.068 ± 0.011 $\chi^2/\text{NDF}: 134940.2/41$

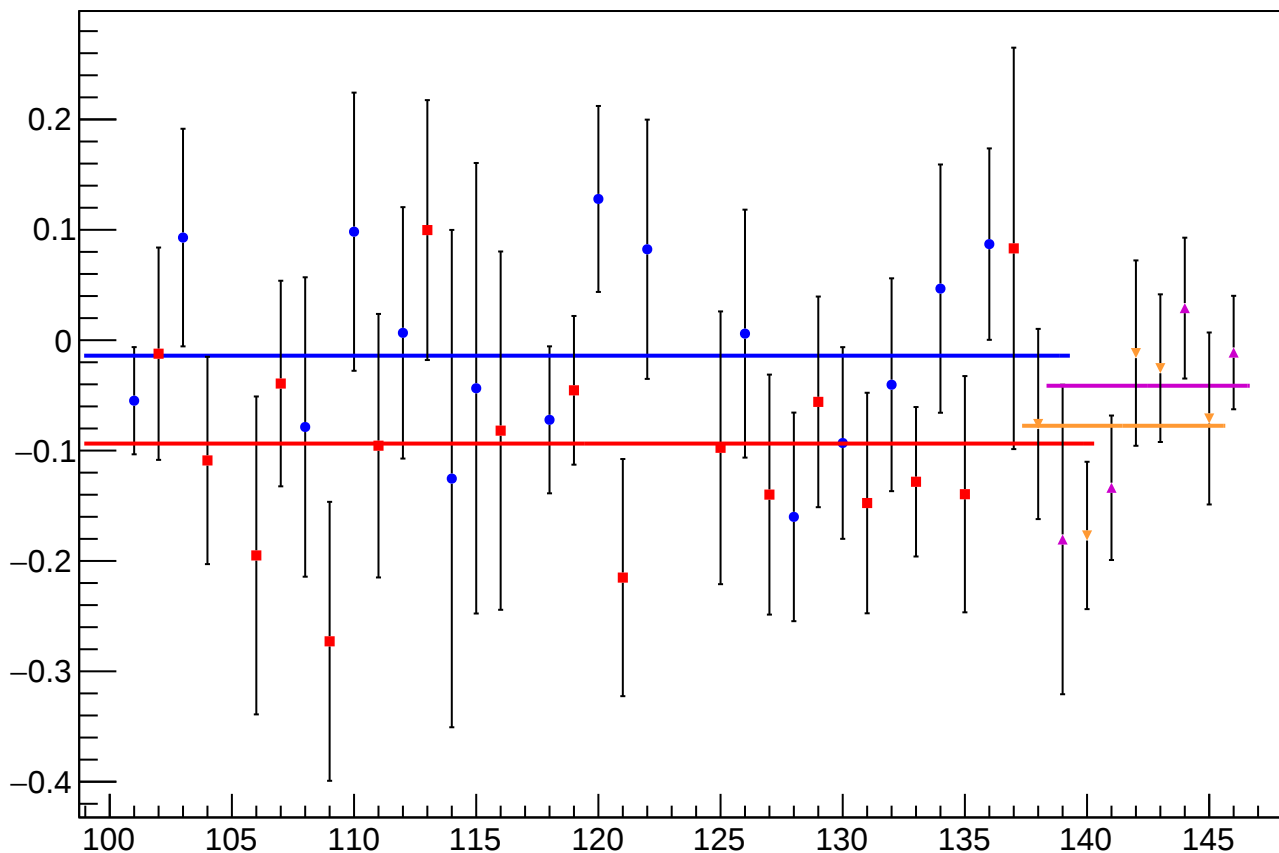
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.017 $\pm$ 0.041 χ^2 /NDF:5.8/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.070 $\pm$ 0.043 χ^2 /NDF:6.4/3

Left: -0.042 $\pm$ 0.030 χ^2 /NDF: 13.1/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.070 $\pm$ 0.043 χ^2 /NDF:6.4/3
 Out: -0.017 $\pm$ 0.041 χ^2 /NDF:5.8/4
 All: -0.042 $\pm$ 0.030 χ^2 /NDF: 13.1/8

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: -0.078 ± 0.034 χ^2/NDF : 3.4/4

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.041 ± 0.033 χ^2/NDF : 4.5/3

Left: -0.059 ± 0.024 χ^2/NDF : 8.6/8

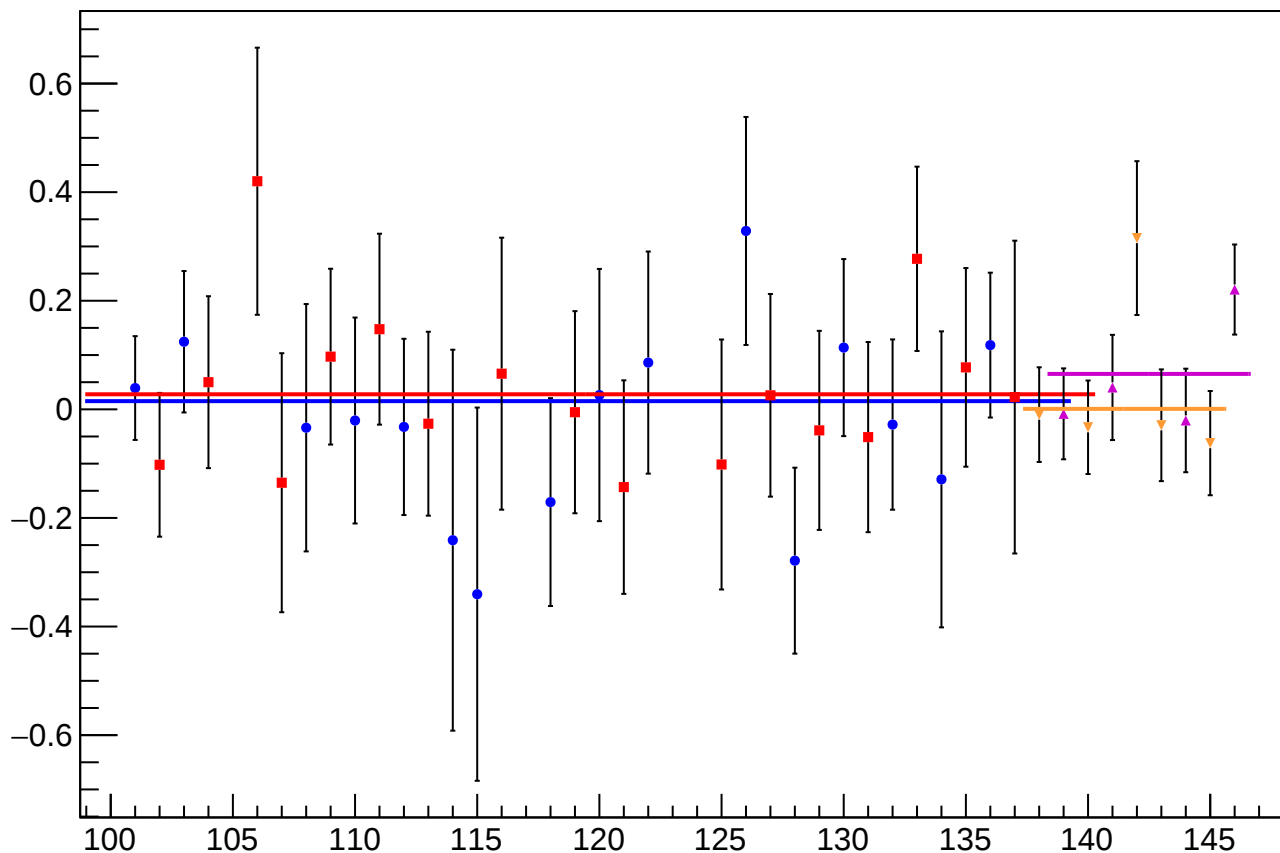
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.023 ± 0.019 χ^2/NDF : 17.4/19

Out: -0.088 ± 0.020 χ^2/NDF : 13.7/21

All: -0.054 ± 0.014 χ^2/NDF : 36.7/41

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: 0.001 ± 0.044 χ^2/NDF : 5.6/4

Right Out: 0.028 ± 0.045 χ^2/NDF : 8.4/16

Left In: 0.065 ± 0.045 χ^2/NDF : 5.2/3

Left: 0.033 ± 0.031 χ^2/NDF : 11.8/8

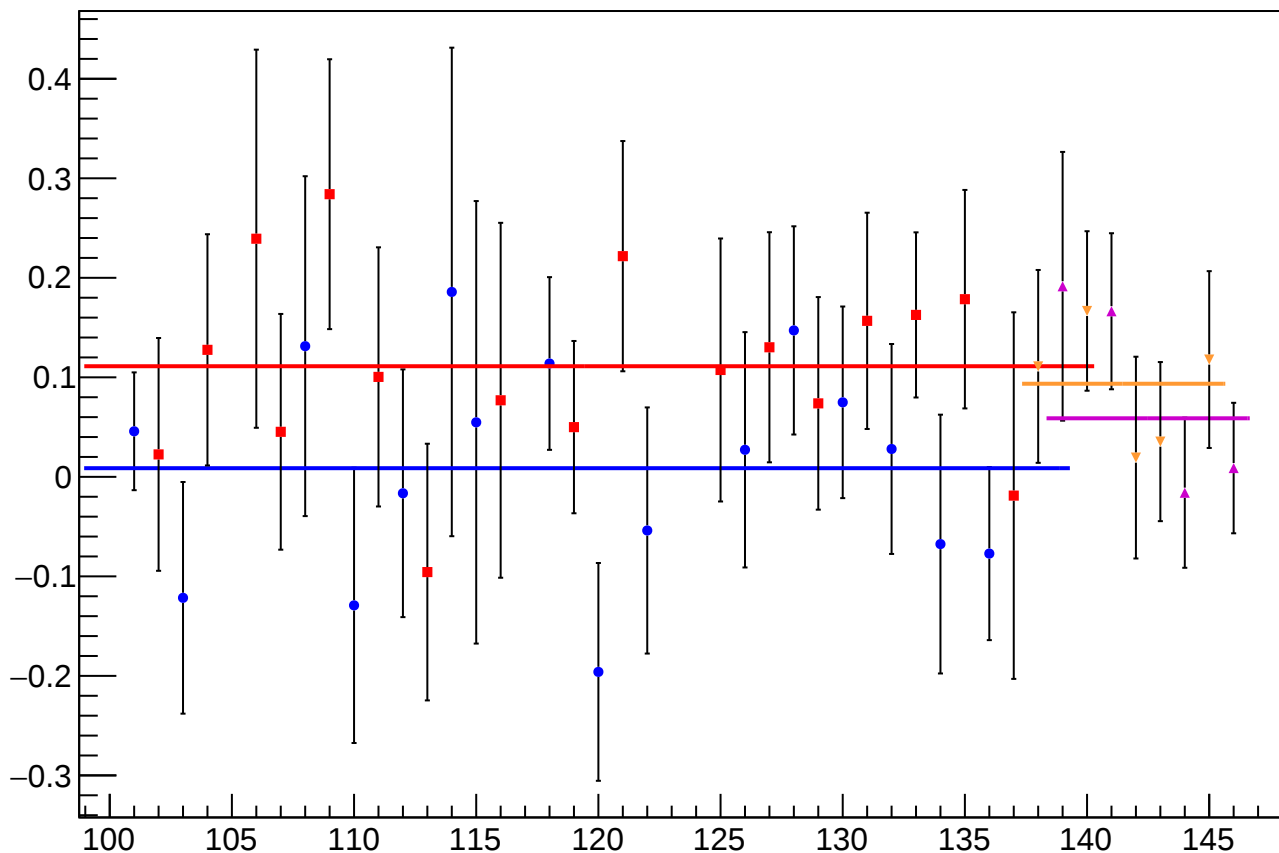
Right: 0.021 ± 0.031 χ^2/NDF : 18.6/32

In: 0.039 ± 0.031 χ^2/NDF : 15.9/19

Out: 0.014 ± 0.031 χ^2/NDF : 14.2/21

All: 0.027 ± 0.022 χ^2/NDF : 30.5/41

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: 0.094 $\pm$ 0.039 χ^2 /NDF: 2.0/4

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.059 $\pm$ 0.040 χ^2 /NDF: 4.4/3

Left: 0.076 $\pm$ 0.028 χ^2 /NDF: 6.8/8

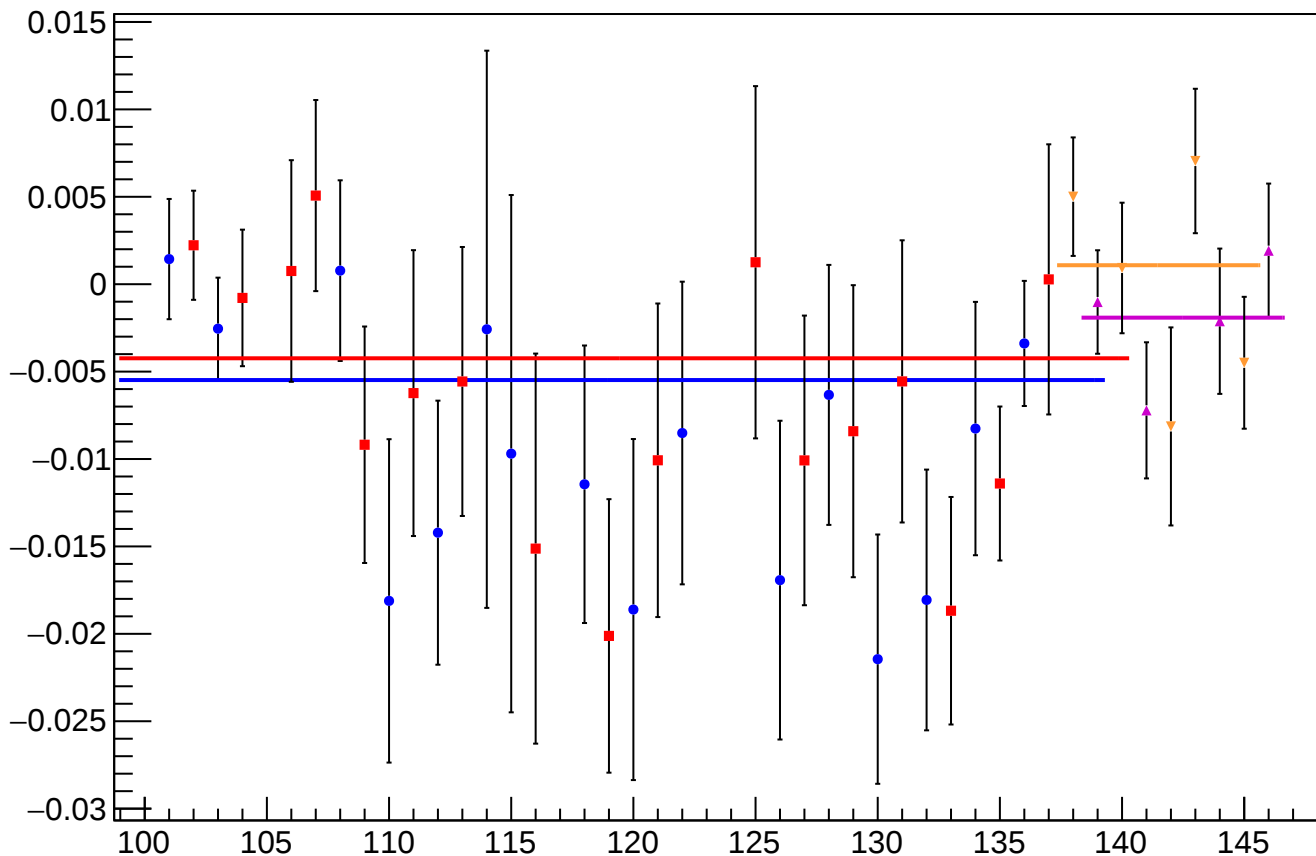
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.024 $\pm$ 0.022 χ^2 /NDF: 18.1/19

Out: 0.105 $\pm$ 0.023 χ^2 /NDF: 10.7/21

All: 0.063 $\pm$ 0.016 χ^2 /NDF: 35.1/41

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.002 χ^2/NDF : 8.3/4

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.002 ± 0.002 χ^2/NDF : 2.9/3

Left: -0.000 ± 0.001 χ^2/NDF : 12.6/8

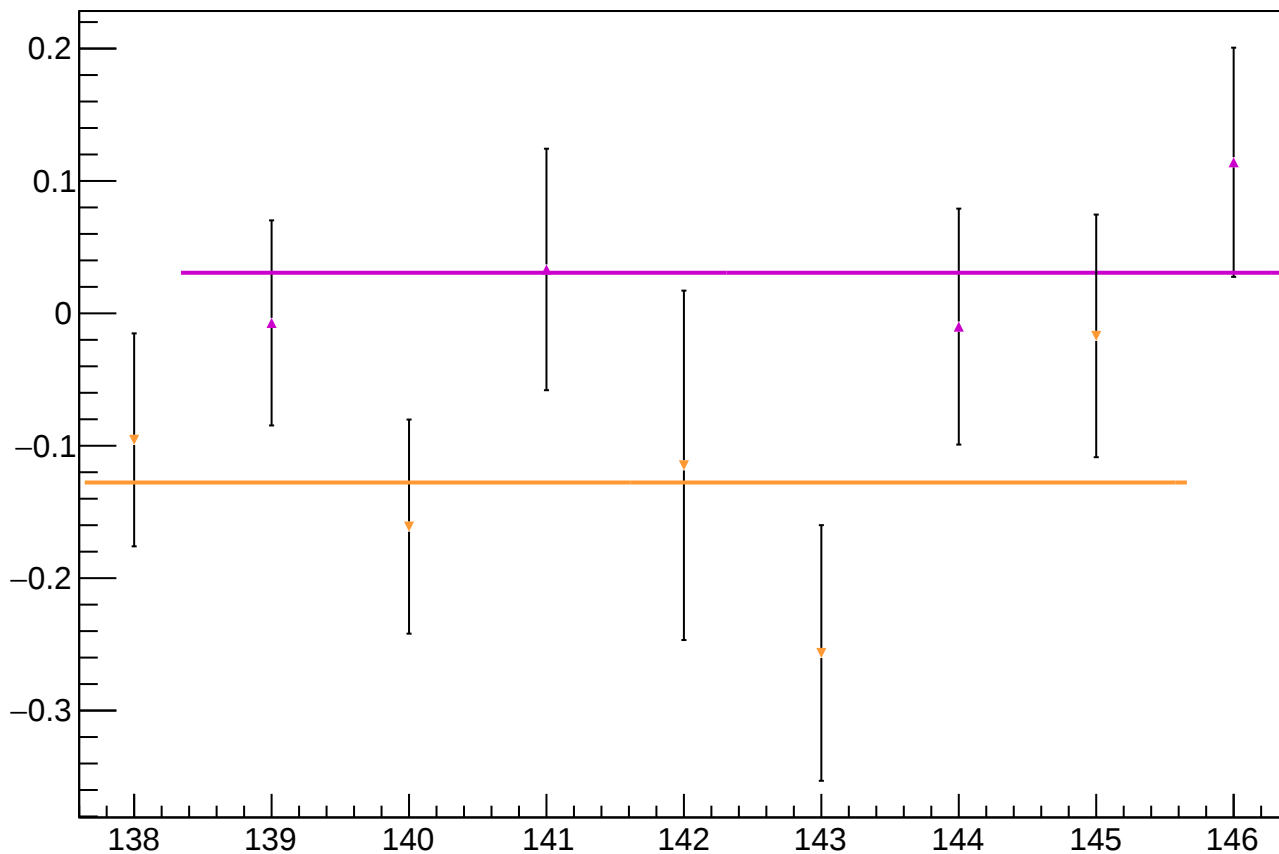
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.004 ± 0.001 χ^2/NDF : 27.6/19

Out: -0.002 ± 0.001 χ^2/NDF : 37.3/21

All: -0.003 ± 0.001 χ^2/NDF : 66.5/41

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.128+/-0.041 χ^2/NDF : 3.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.031+/-0.043 χ^2/NDF : 1.4/3

Left: -0.052+/-0.030 χ^2/NDF : 12.1/8

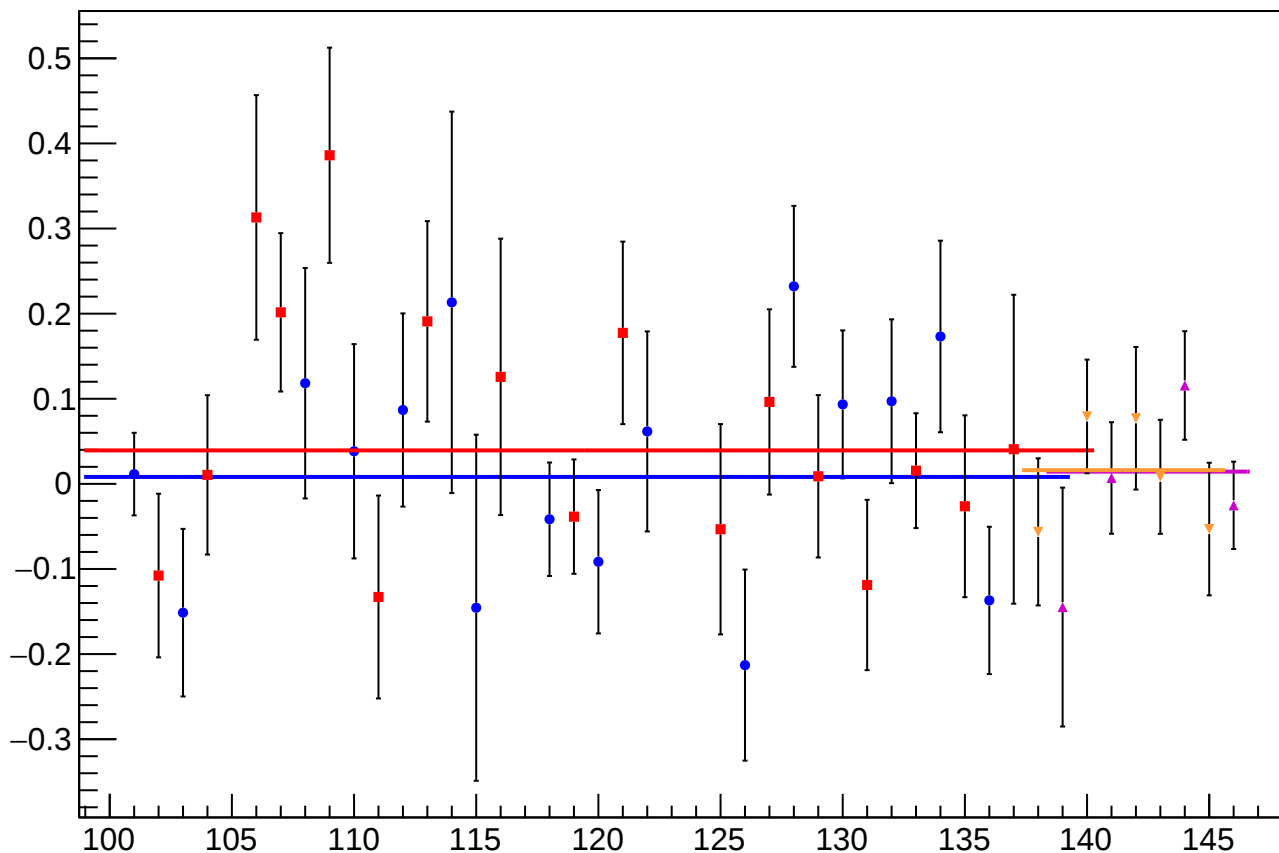
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.031+/-0.043 χ^2/NDF : 1.4/3

Out: -0.128+/-0.041 χ^2/NDF : 3.6/4

All: -0.052+/-0.030 χ^2/NDF : 12.1/8

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: 0.016 $\pm$ 0.034 χ^2 /NDF:2.9/4

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: 0.014 $\pm$ 0.033 χ^2 /NDF:4.4/3

Left: 0.015 $\pm$ 0.024 χ^2 /NDF: 7.3/8

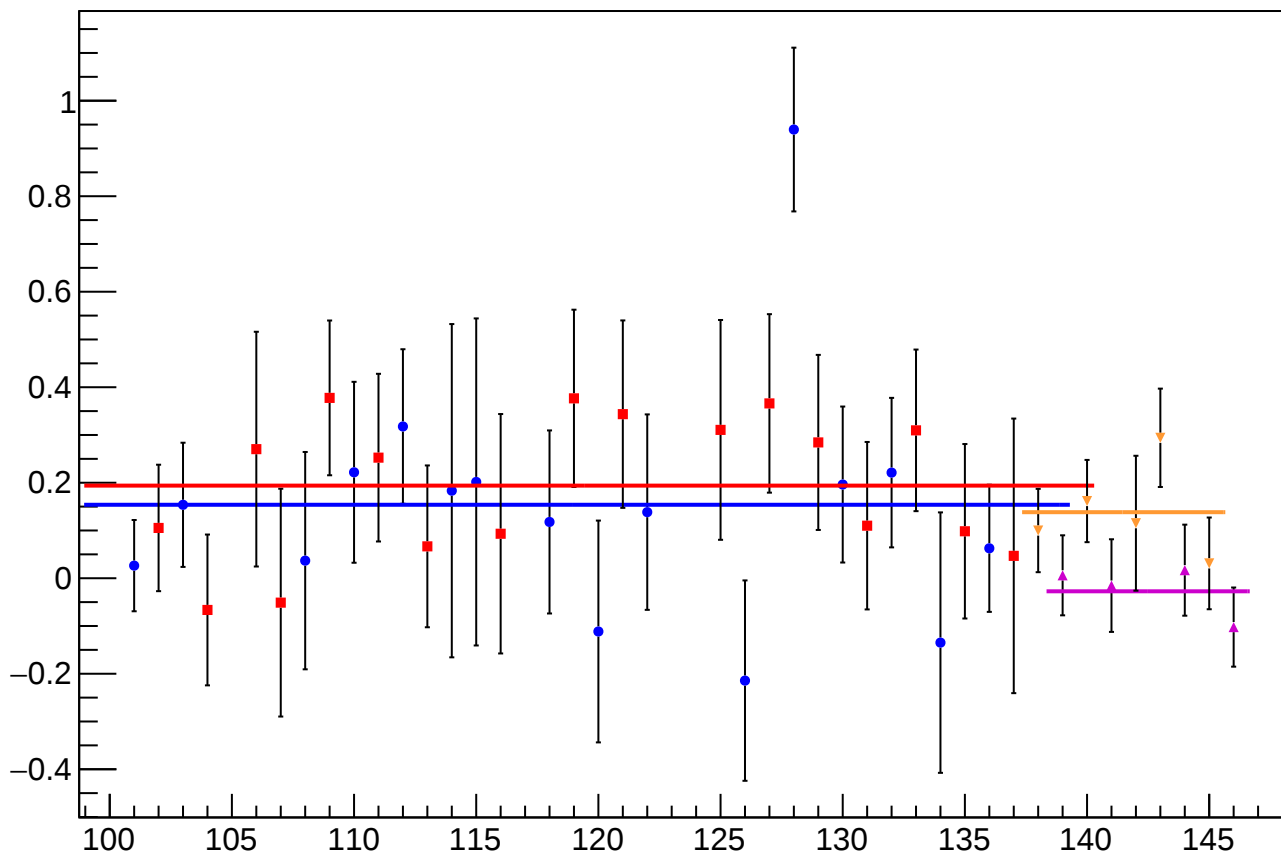
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.010 $\pm$ 0.019 χ^2 /NDF:28.1/19

Out: 0.031 $\pm$ 0.020 χ^2 /NDF:30.8/21

All: 0.020 $\pm$ 0.014 χ^2 /NDF: 59.5/41

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.138 $\pm$ 0.044 χ^2 /NDF:3.8/4

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: -0.027 $\pm$ 0.045 χ^2 /NDF:1.2/3

Left: 0.057 $\pm$ 0.031 χ^2 /NDF: 12.1/8

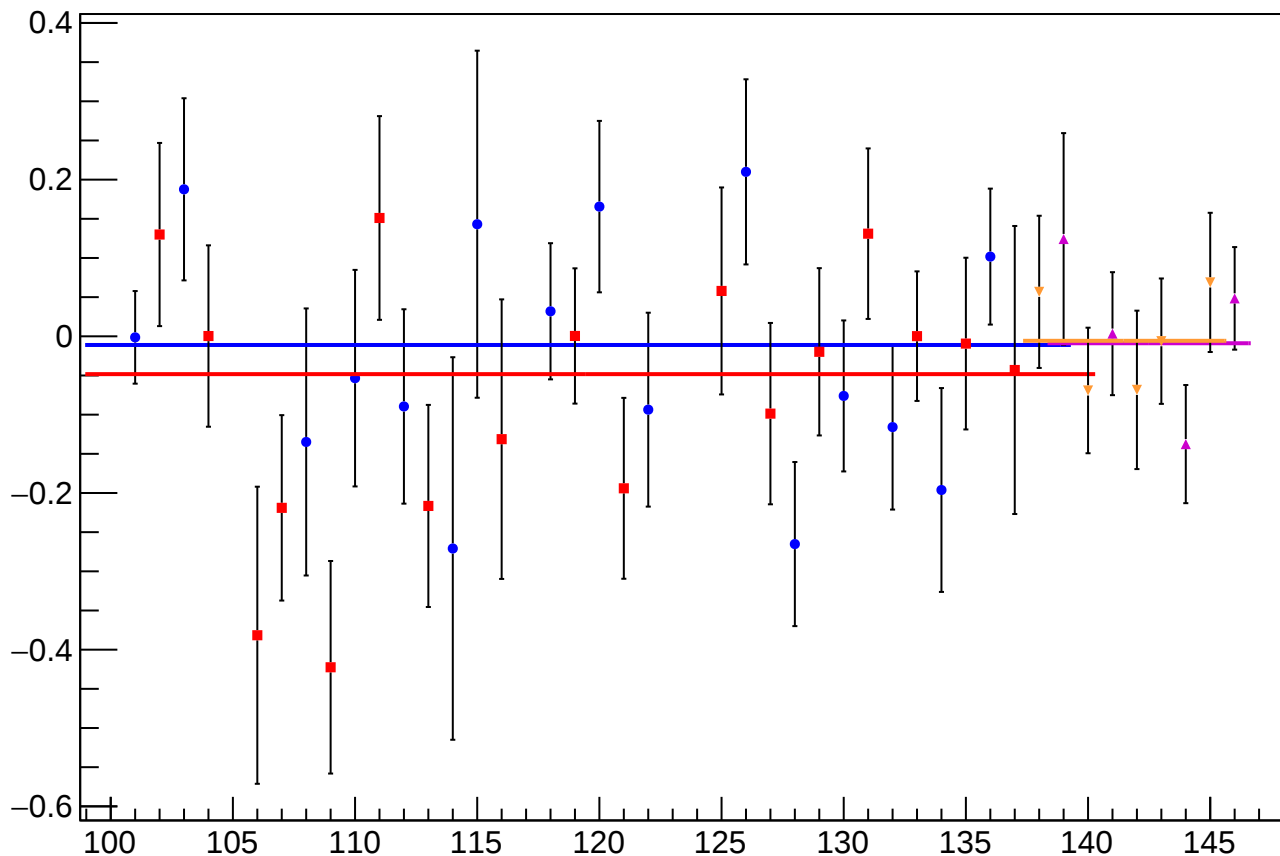
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.067 $\pm$ 0.031 χ^2 /NDF:40.3/19

Out: 0.165 $\pm$ 0.031 χ^2 /NDF:15.2/21

All: 0.115 $\pm$ 0.022 χ^2 /NDF: 60.5/41

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: -0.006 ± 0.039 χ^2/NDF : 2.1/4

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.009 ± 0.040 χ^2/NDF : 4.7/3

Left: -0.007 ± 0.028 χ^2/NDF : 6.8/8

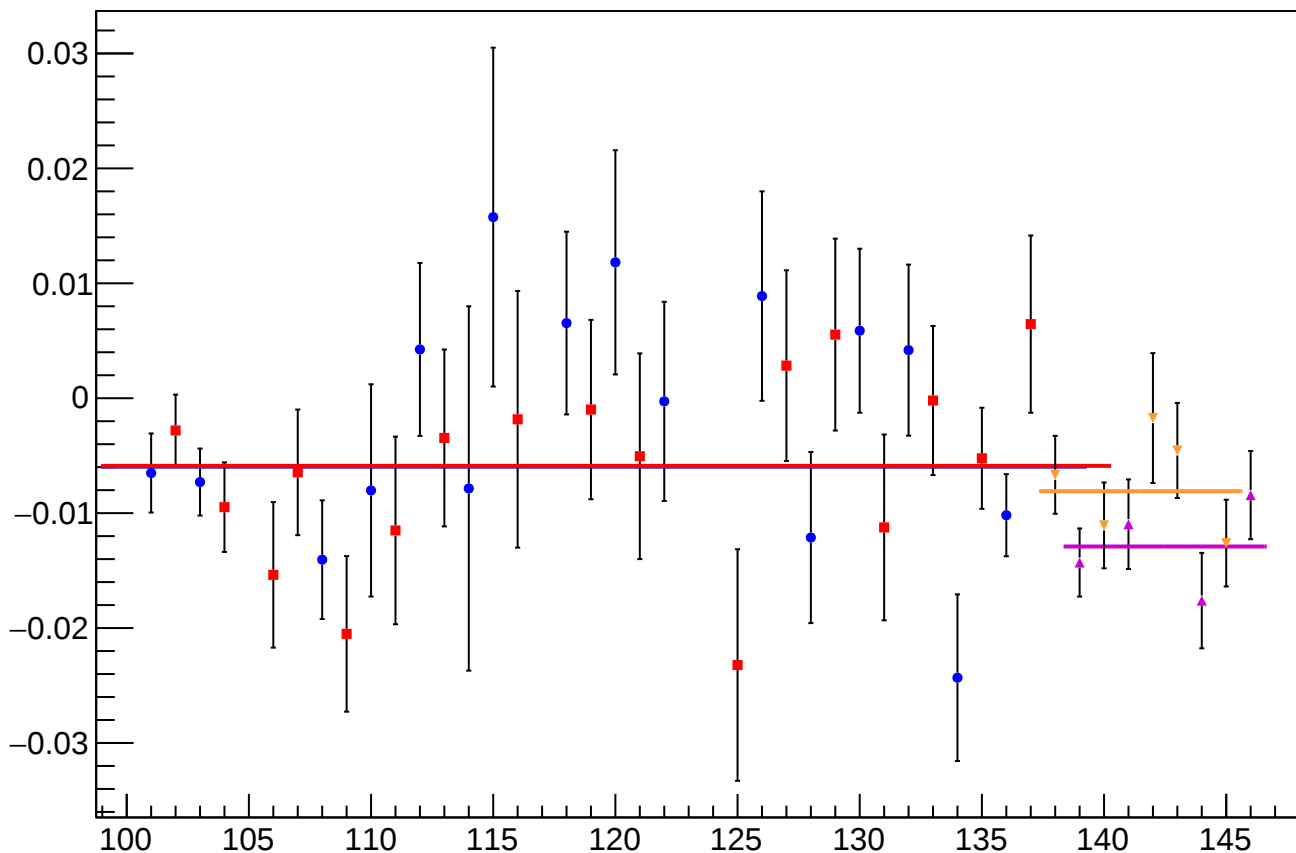
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.010 ± 0.022 χ^2/NDF : 28.1/19

Out: -0.034 ± 0.023 χ^2/NDF : 28.4/21

All: -0.022 ± 0.016 χ^2/NDF : 57.1/41

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: -0.008 ± 0.002 χ^2/NDF : 4.2/4

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.013 ± 0.002 χ^2/NDF : 3.1/3

Left: -0.010 ± 0.001 χ^2/NDF : 11.0/8

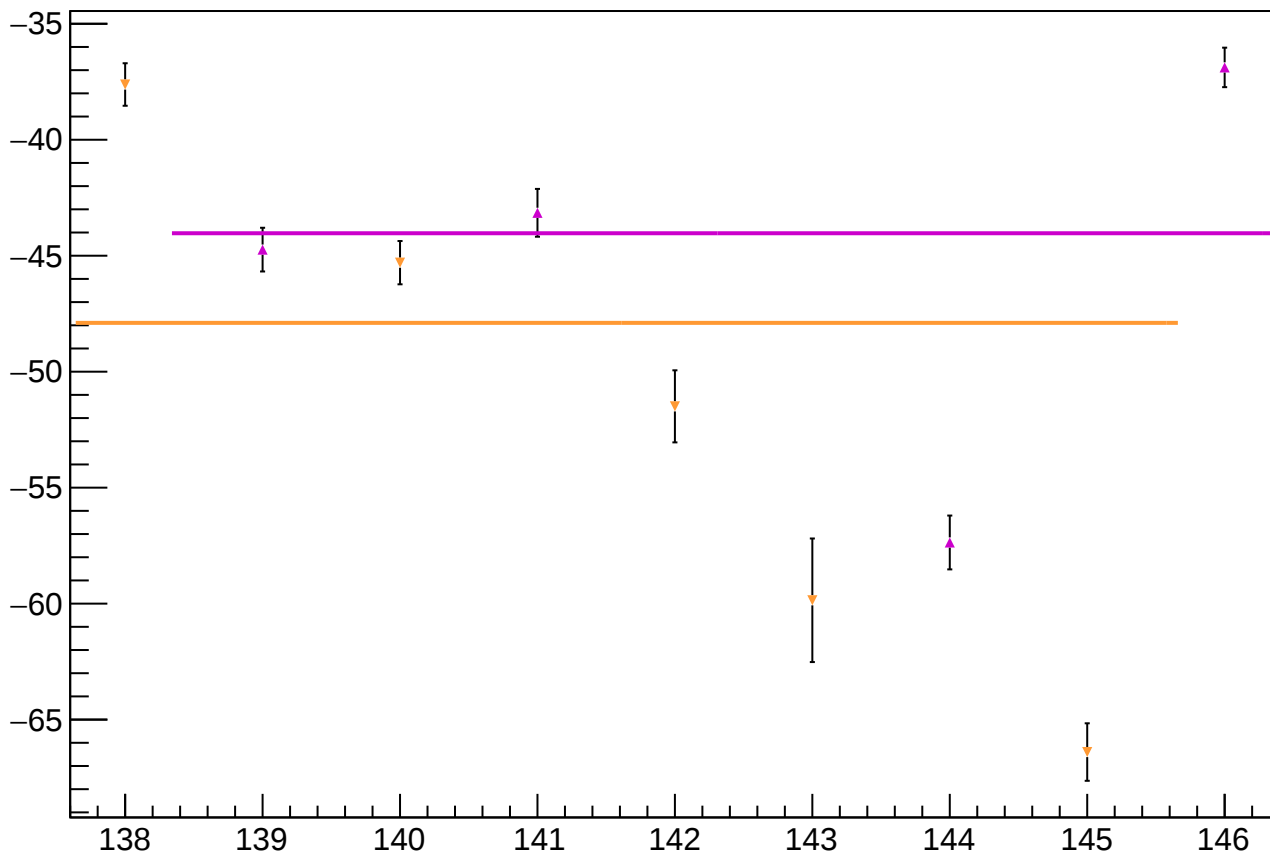
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 40.9/19

Out: -0.007 ± 0.001 χ^2/NDF : 24.7/21

All: -0.008 ± 0.001 χ^2/NDF : 67.0/41

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: -47.895+/-0.531 χ^2/NDF :381.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.031+/-0.488 χ^2/NDF :203.8/3

Left: -45.802+/-0.360 χ^2/NDF : 614.4/8

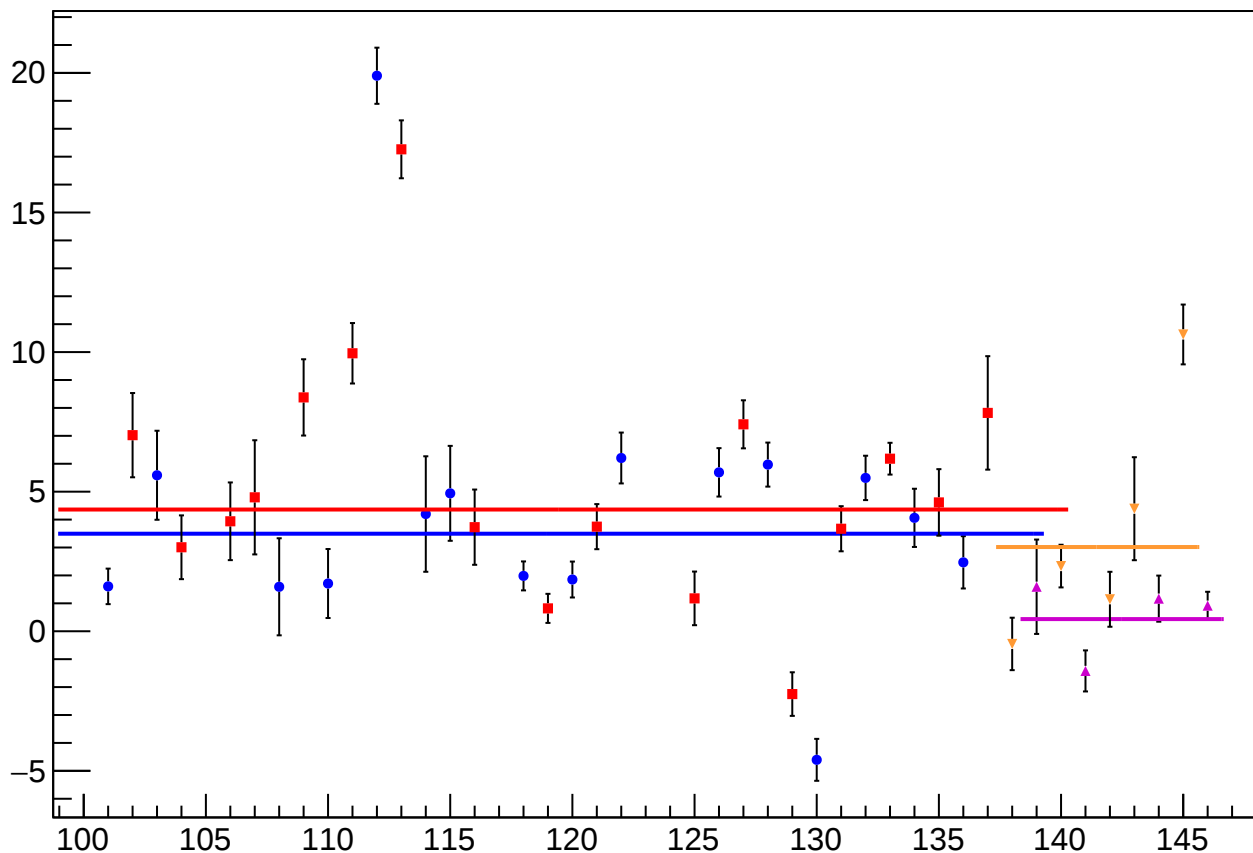
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.031+/-0.488 χ^2/NDF :203.8/3

Out: -47.895+/-0.531 χ^2/NDF :381.9/4

All: -45.802+/-0.360 χ^2/NDF : 614.4/8

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 3.017 $\pm$ 0.445 χ^2 /NDF:69.1/4

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 0.436 $\pm$ 0.360 χ^2 /NDF:8.6/3

Left: 1.456 $\pm$ 0.280 χ^2 /NDF: 98.0/8

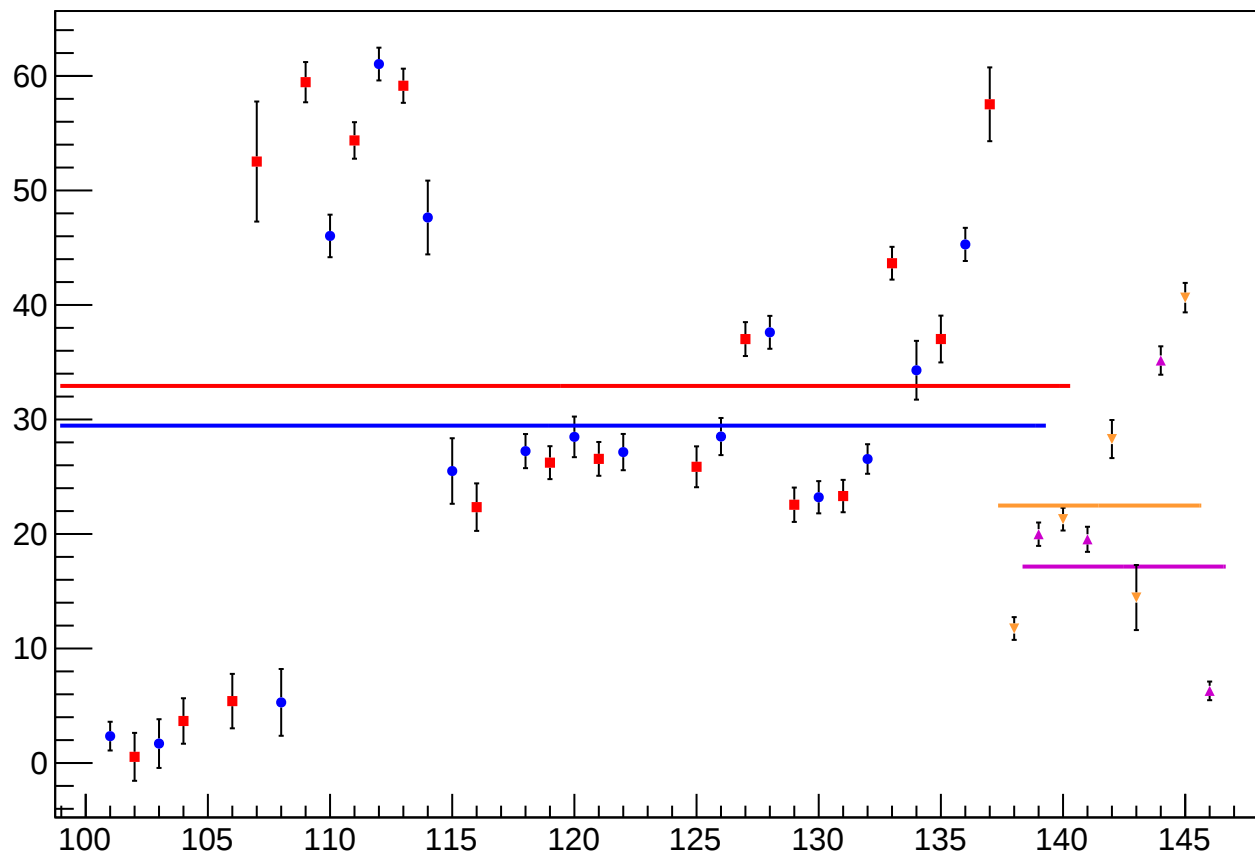
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.675 $\pm$ 0.186 χ^2 /NDF:506.3/19

Out: 4.086 $\pm$ 0.201 χ^2 /NDF:427.4/21

All: 3.327 $\pm$ 0.137 χ^2 /NDF: 960.2/41

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: 22.484 $\pm$ 0.566 χ^2 /NDF:337.6/4

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 17.154 $\pm$ 0.503 χ^2 /NDF:400.6/3

Left: 19.504 $\pm$ 0.376 χ^2 /NDF: 787.7/8

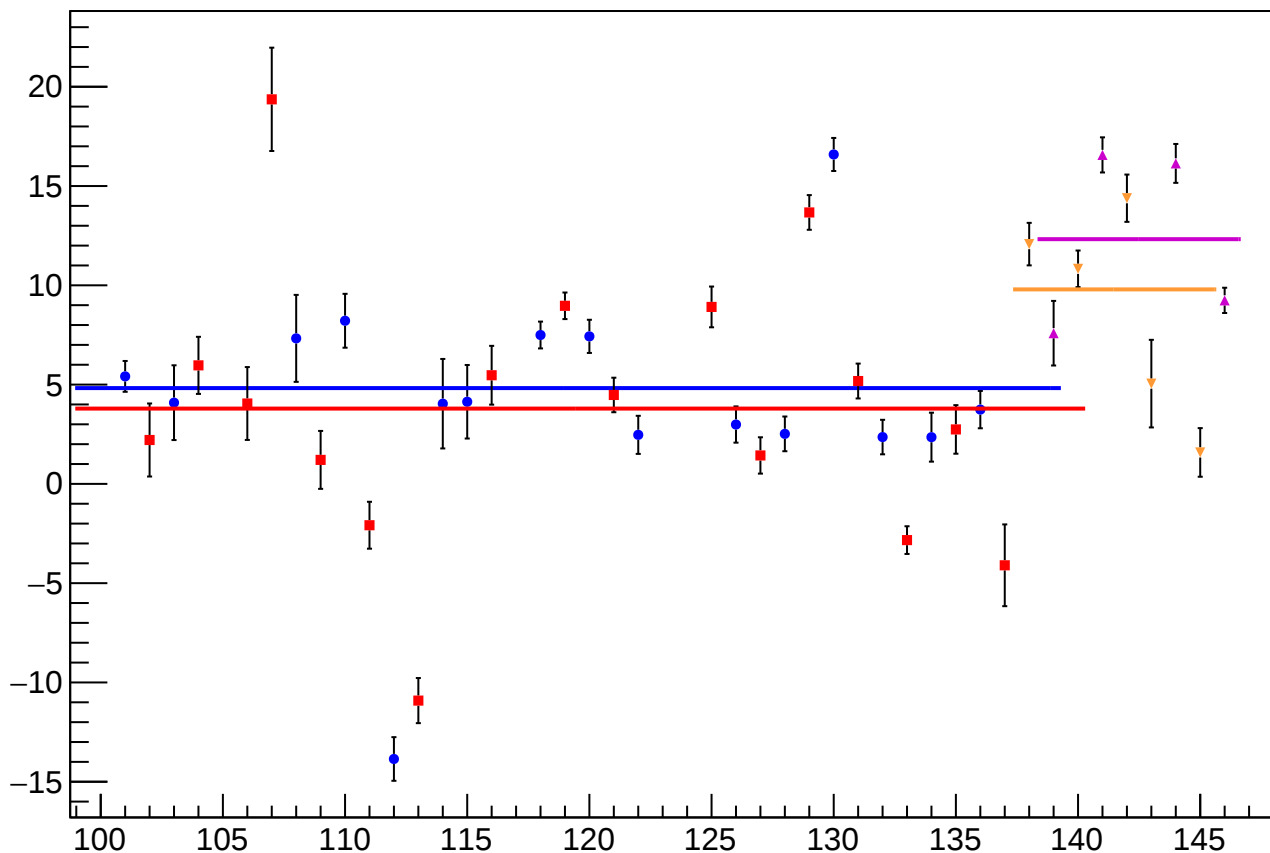
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 24.443 $\pm$ 0.321 χ^2 /NDF:2246.6/19

Out: 29.185 $\pm$ 0.339 χ^2 /NDF:2180.1/21

All: 26.685 $\pm$ 0.233 χ^2 /NDF: 4529.8/41

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: 9.795 $\pm$ 0.525 χ^2 /NDF: 70.3/4

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 12.324 $\pm$ 0.440 χ^2 /NDF: 70.1/3

Left: 11.281 $\pm$ 0.337 χ^2 /NDF: 154.0/8

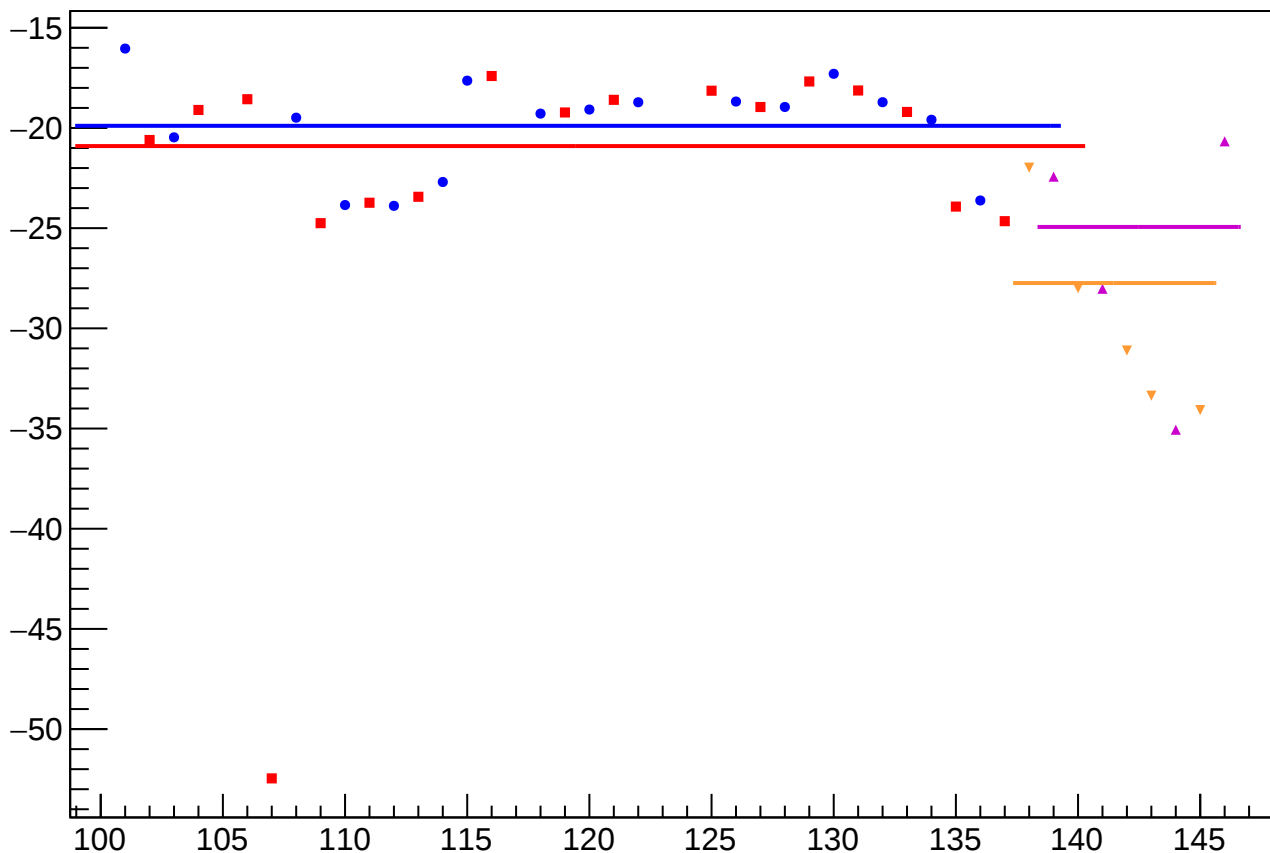
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 6.674 $\pm$ 0.218 χ^2 /NDF: 842.1/19

Out: 4.967 $\pm$ 0.232 χ^2 /NDF: 739.0/21

All: 5.873 $\pm$ 0.159 χ^2 /NDF: 1609.8/41

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -27.738 $\pm$ 0.023 χ^2 /NDF:42187.9/4

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -24.939 $\pm$ 0.021 χ^2 /NDF:57260.4/3

Left: -26.184 $\pm$ 0.015 χ^2 /NDF: 107594.1/8

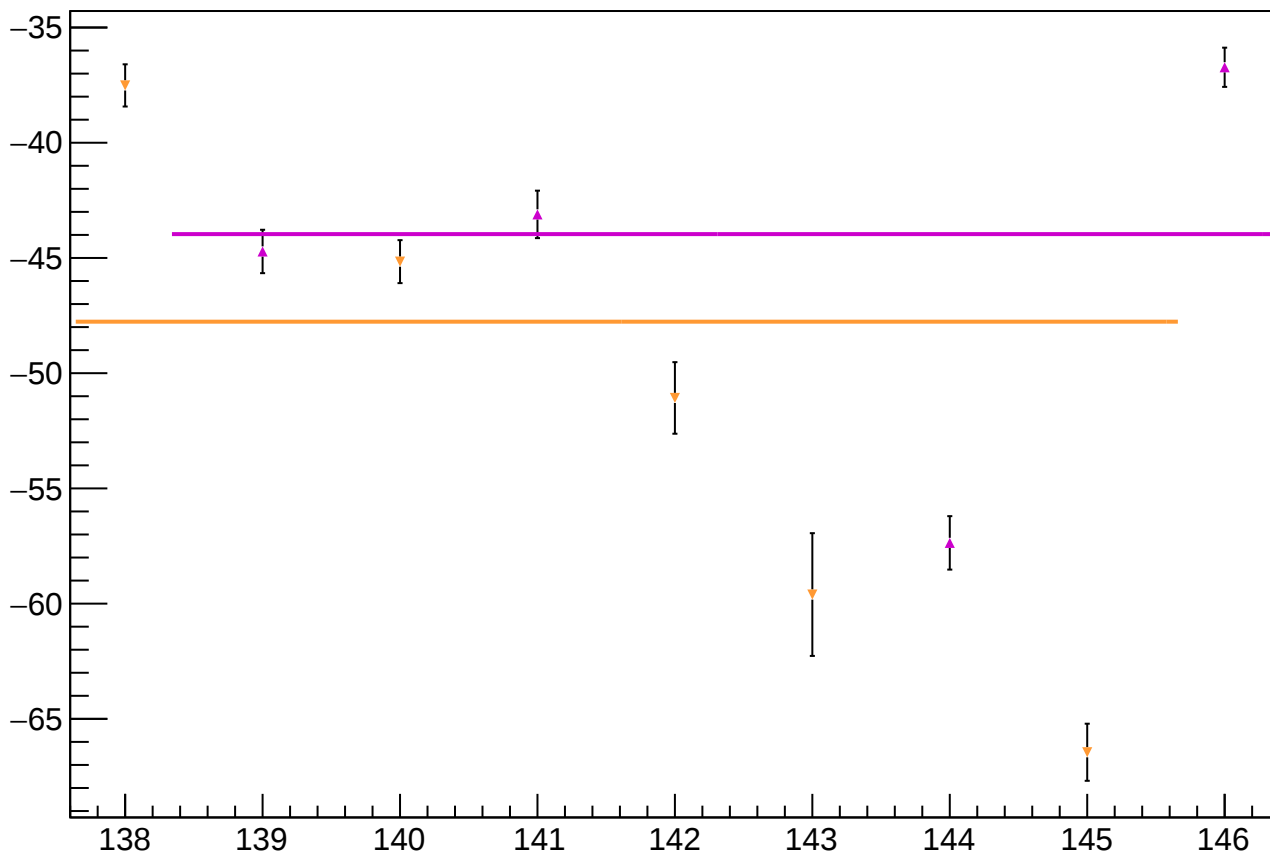
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.720 $\pm$ 0.012 χ^2 /NDF:121309.2/19

Out: -23.069 $\pm$ 0.013 χ^2 /NDF:194743.7/21

All: -22.365 $\pm$ 0.009 χ^2 /NDF: 321669.8/41

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: -47.765+/-0.531 χ^2/NDF :384.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.965+/-0.488 χ^2/NDF :207.2/3

Left: -45.706+/-0.359 χ^2/NDF : 619.9/8

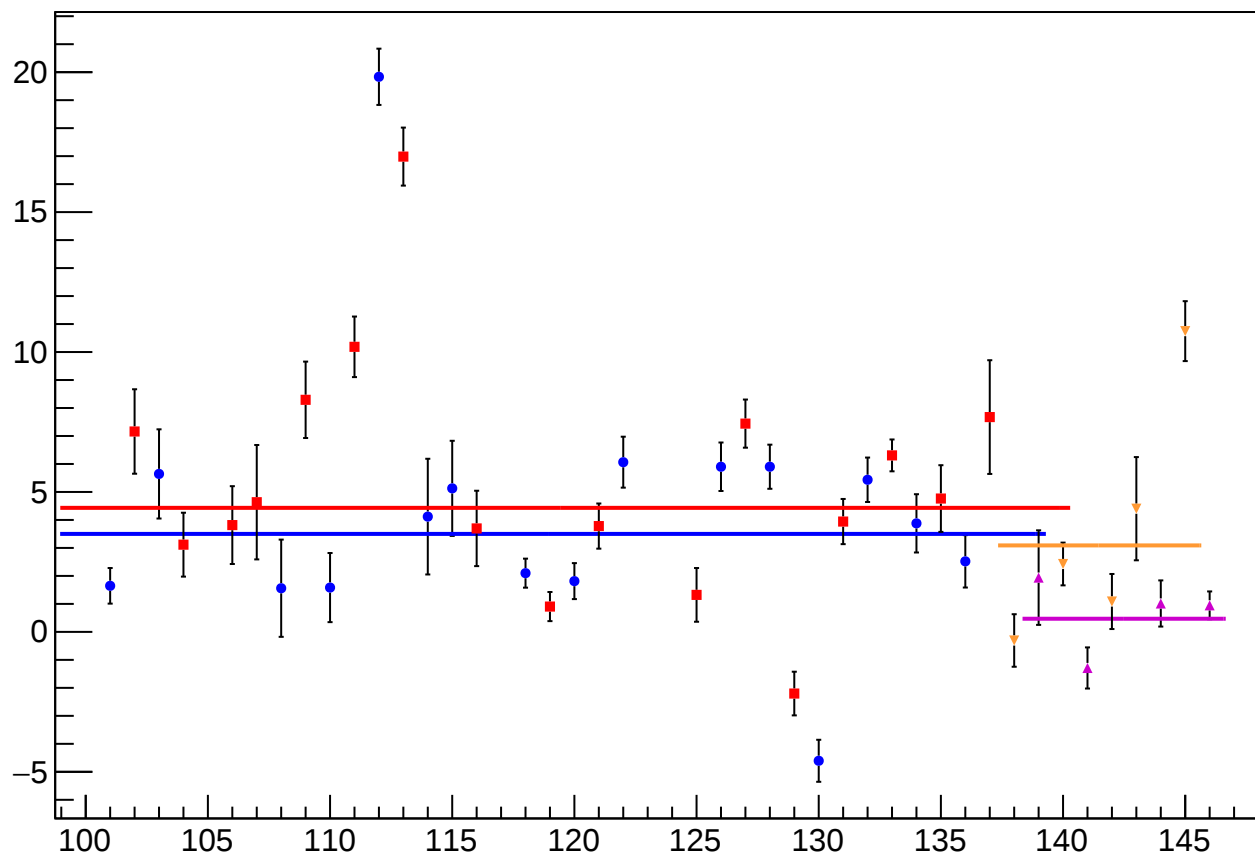
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.965+/-0.488 χ^2/NDF :207.2/3

Out: -47.765+/-0.531 χ^2/NDF :384.9/4

All: -45.706+/-0.359 χ^2/NDF : 619.9/8

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: 3.090+/-0.445 χ^2/NDF :69.7/4

Right Out: 4.432+/-0.225 χ^2/NDF : 343.6/16

Left In: 0.470+/-0.360 χ^2/NDF :7.9/3

Left: 1.506+/-0.280 χ^2/NDF : 98.5/8

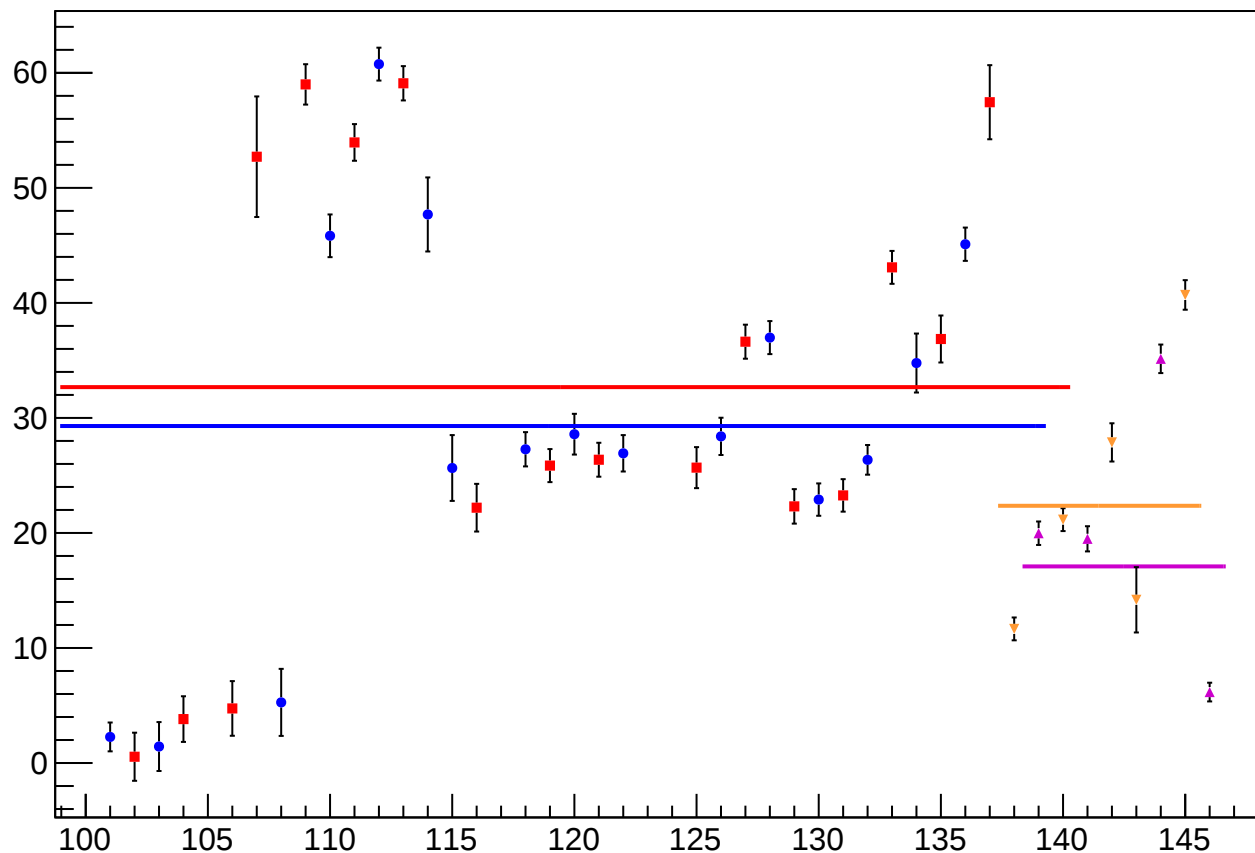
Right: 3.951+/-0.156 χ^2/NDF : 794.3/32

In: 2.690+/-0.186 χ^2/NDF :501.7/19

Out: 4.159+/-0.201 χ^2/NDF :420.5/21

All: 3.368+/-0.137 χ^2/NDF : 951.0/41

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2/NDF : 1485.2/15

Left Out: 22.362 $\pm$ 0.566 χ^2/NDF : 340.2/4

Right Out: 32.679 $\pm$ 0.423 χ^2/NDF : 1614.8/16

Left In: 17.092 $\pm$ 0.503 χ^2/NDF : 404.9/3

Left: 19.415 $\pm$ 0.376 χ^2/NDF : 793.6/8

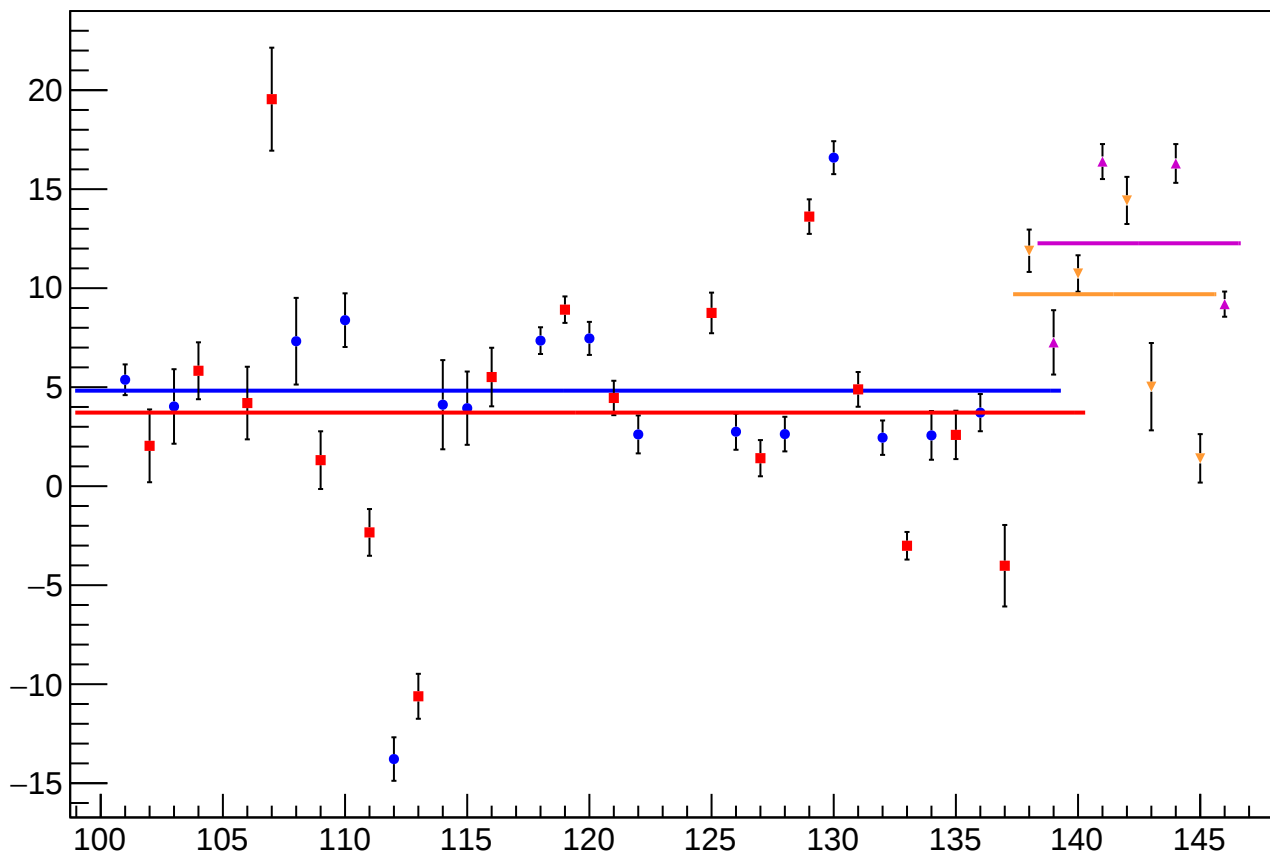
Right: 30.964 $\pm$ 0.297 χ^2/NDF : 3132.4/32

In: 24.319 $\pm$ 0.321 χ^2/NDF : 2239.1/19

Out: 28.981 $\pm$ 0.339 χ^2/NDF : 2168.0/21

All: 26.524 $\pm$ 0.233 χ^2/NDF : 4506.8/41

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: 9.695 ± 0.525 χ^2/NDF : 71.7/4

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 12.267 ± 0.440 χ^2/NDF : 71.6/3

Left: 11.206 ± 0.337 χ^2/NDF : 157.4/8

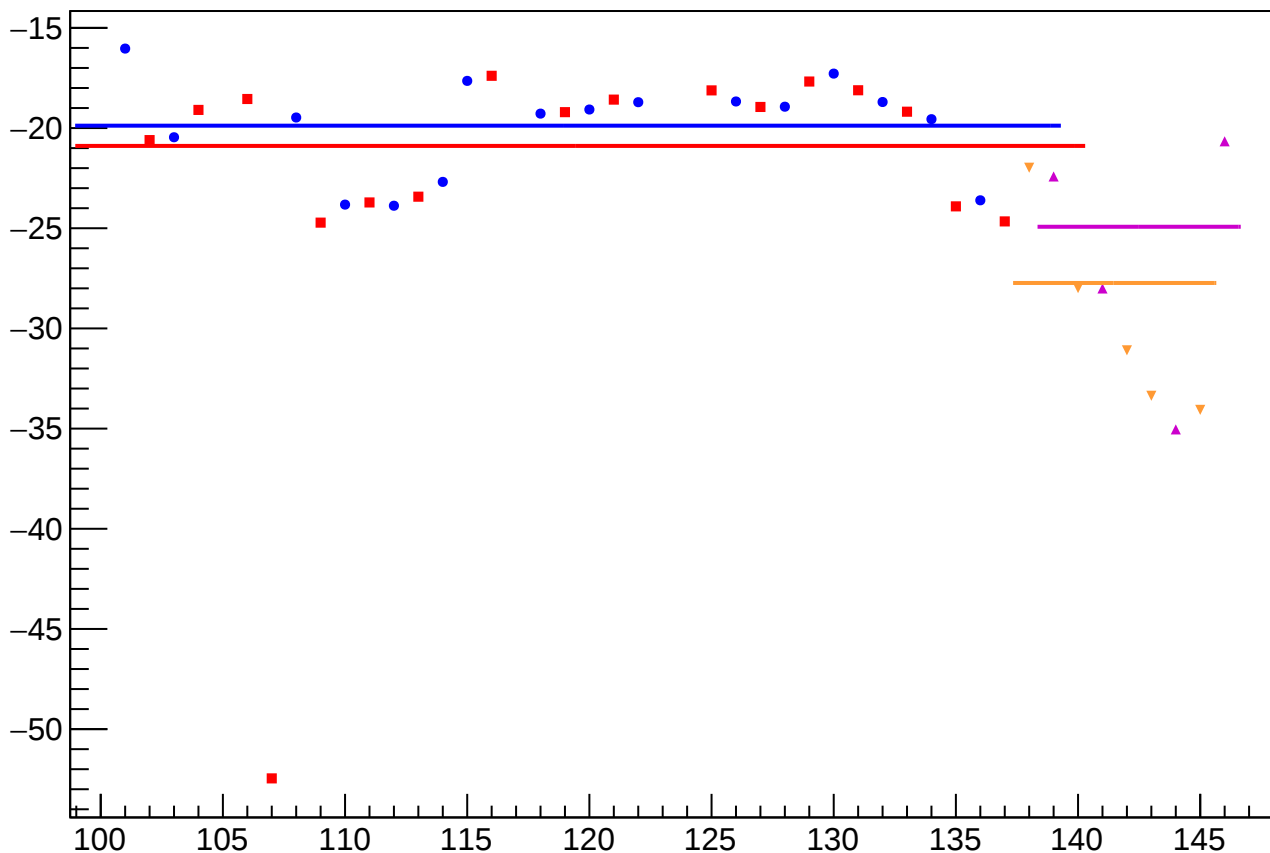
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 6.659 ± 0.218 χ^2/NDF : 836.8/19

Out: 4.886 ± 0.232 χ^2/NDF : 736.1/21

All: 5.827 ± 0.159 χ^2/NDF : 1603.8/41

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -27.731 $\pm$ 0.023 χ^2 /NDF:42157.0/4

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -24.926 $\pm$ 0.021 χ^2 /NDF:57216.4/3

Left: -26.174 $\pm$ 0.015 χ^2 /NDF: 107564.9/8

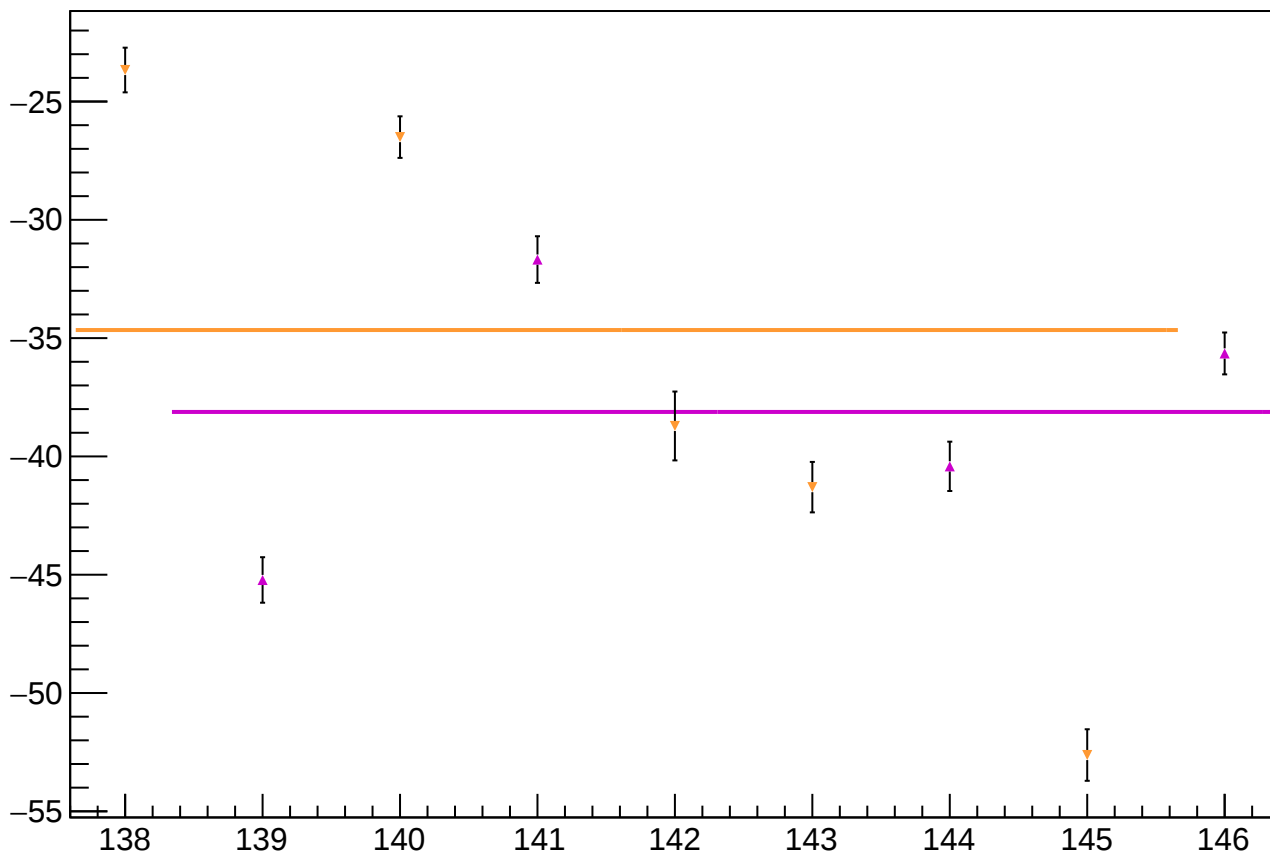
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.707 $\pm$ 0.012 χ^2 /NDF:121281.5/19

Out: -23.058 $\pm$ 0.013 χ^2 /NDF:194995.6/21

All: -22.353 $\pm$ 0.009 χ^2 /NDF: 321909.6/41

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: -34.658+/-0.466 χ^2/NDF :540.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.120+/-0.482 χ^2/NDF :109.9/3

Left: -36.330+/-0.335 χ^2/NDF : 676.8/8

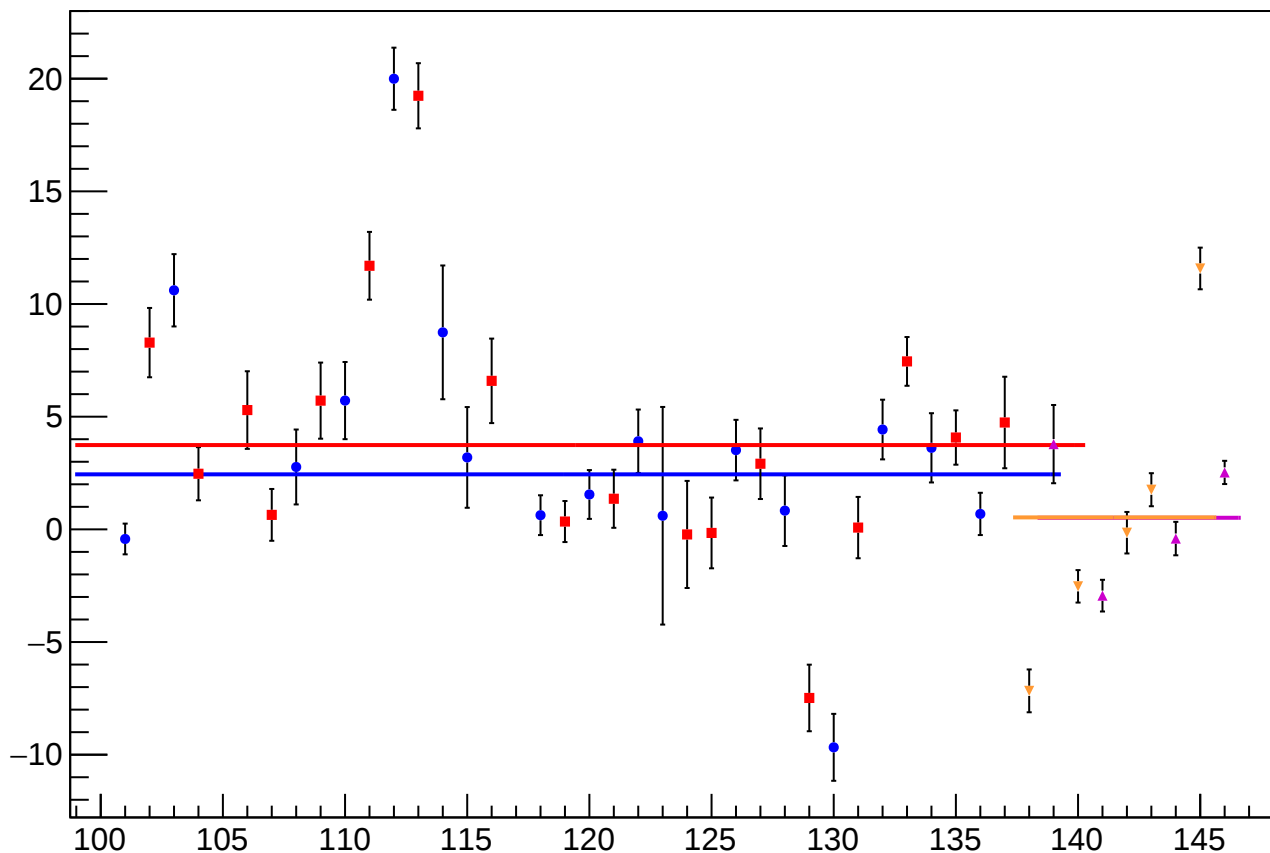
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.120+/-0.482 χ^2/NDF :109.9/3

Out: -34.658+/-0.466 χ^2/NDF :540.1/4

All: -36.330+/-0.335 χ^2/NDF : 676.8/8

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 0.531 $\pm$ 0.372 χ^2 /NDF:229.8/4

Right Out: 3.741 $\pm$ 0.327 χ^2 /NDF: 268.1/17

Left In: 0.514 $\pm$ 0.355 χ^2 /NDF:44.5/3

Left: 0.522 $\pm$ 0.257 χ^2 /NDF: 274.3/8

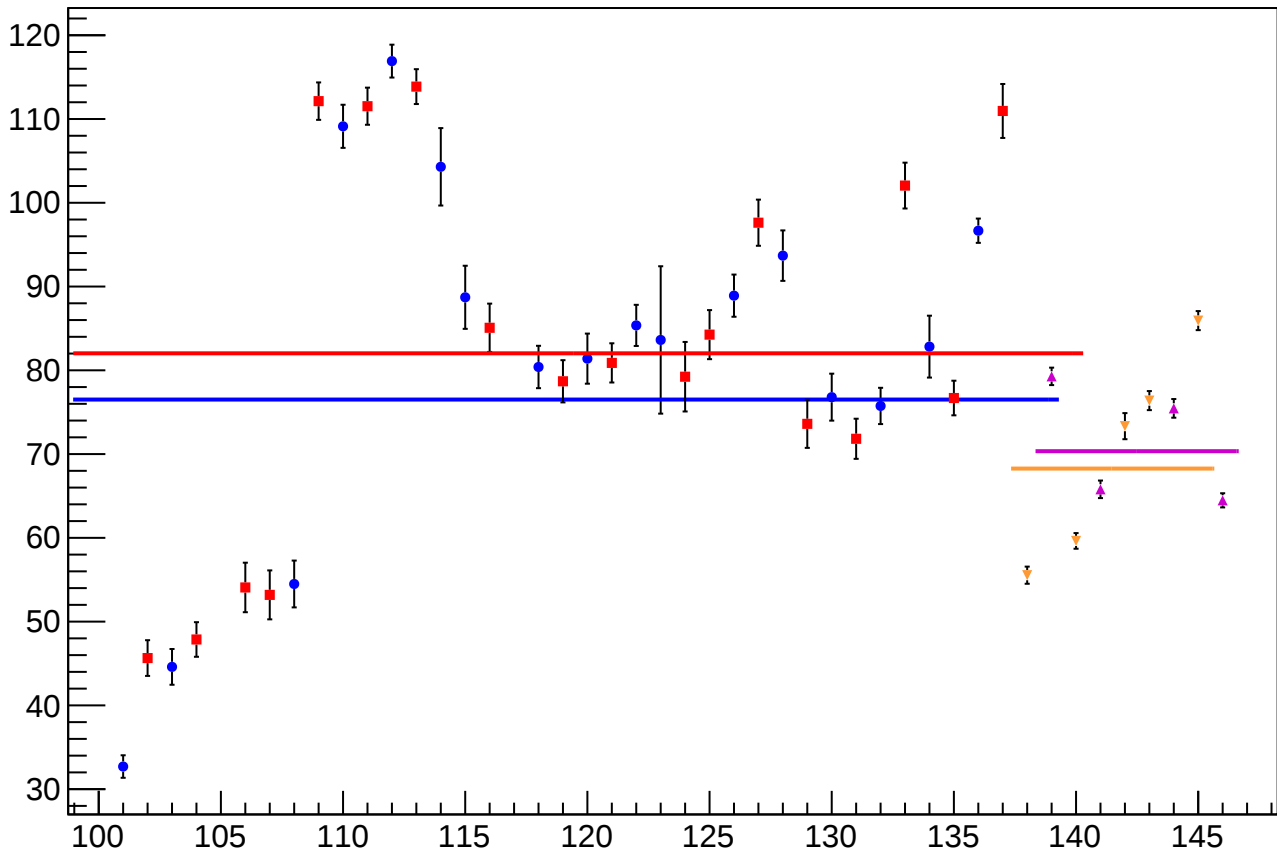
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/34

In: 1.603 $\pm$ 0.234 χ^2 /NDF:355.8/20

Out: 2.341 $\pm$ 0.245 χ^2 /NDF:540.0/22

All: 1.955 $\pm$ 0.169 χ^2 /NDF: 900.6/43

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: 68.270 $\pm$ 0.497 χ^2 /NDF: 542.5/4

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 70.346 $\pm$ 0.498 χ^2 /NDF: 161.6/3

Left: 69.305 $\pm$ 0.352 χ^2 /NDF: 712.8/8

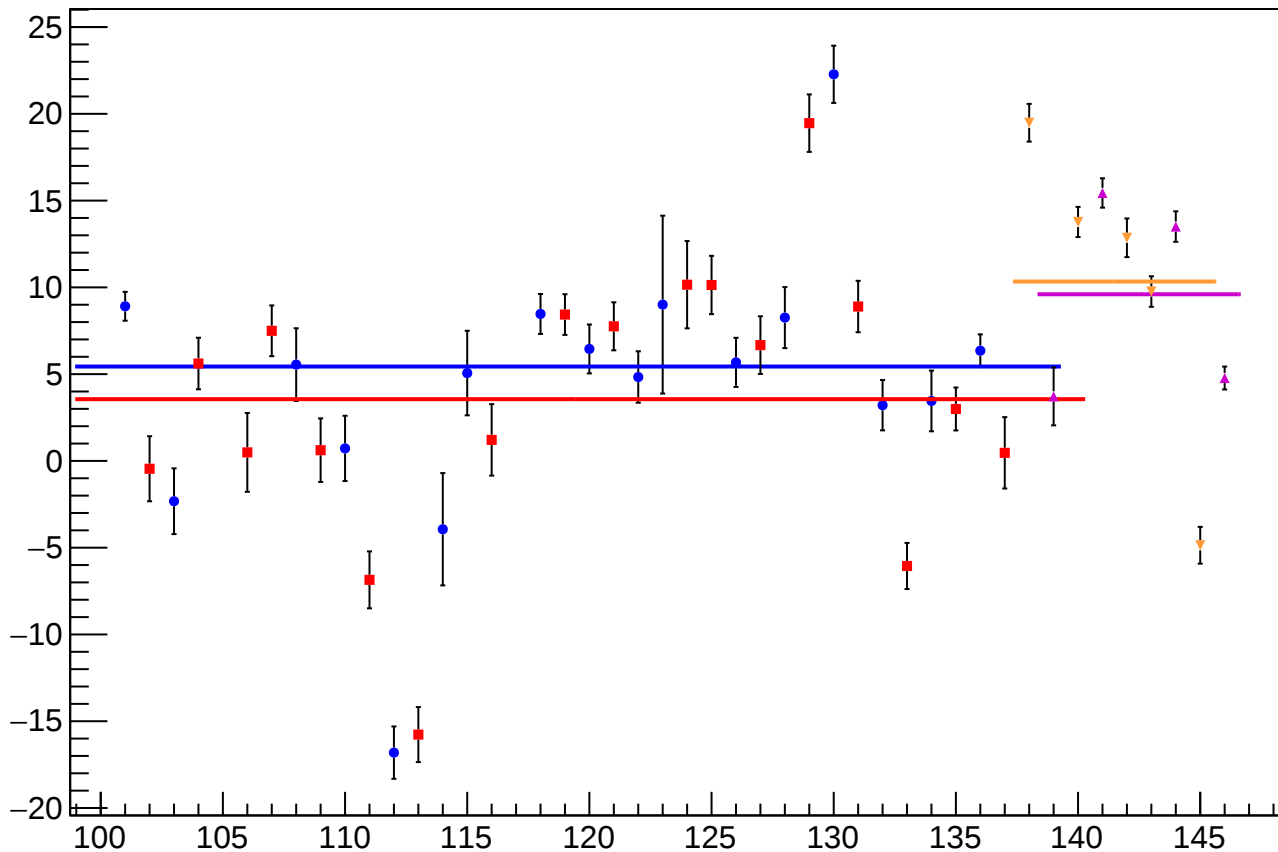
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 72.990 $\pm$ 0.376 χ^2 /NDF: 2478.3/20

Out: 73.945 $\pm$ 0.381 χ^2 /NDF: 2407.1/22

All: 73.462 $\pm$ 0.268 χ^2 /NDF: 4888.6/43

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 10.337 ± 0.440 χ^2/NDF : 297.9/4

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 9.603 ± 0.433 χ^2/NDF : 133.2/3

Left: 9.963 ± 0.309 χ^2/NDF : 432.5/8

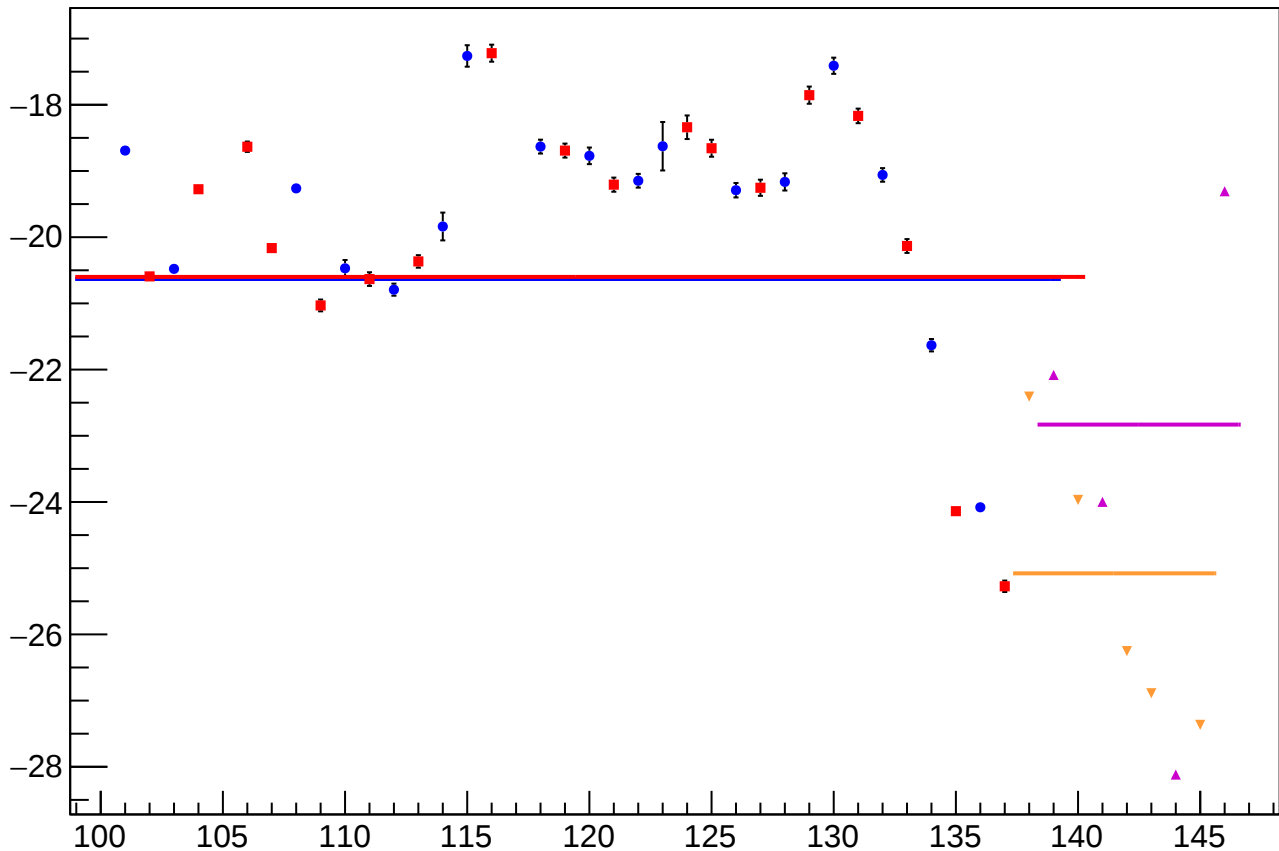
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 7.130 ± 0.276 χ^2/NDF : 574.4/20

Out: 6.409 ± 0.286 χ^2/NDF : 855.9/22

All: 6.782 ± 0.198 χ^2/NDF : 1433.6/43

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: -25.078 $\pm$ 0.020 χ^2 /NDF:9601.8/4

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -22.831 $\pm$ 0.021 χ^2 /NDF:21092.6/3

Left: -23.969 $\pm$ 0.014 χ^2 /NDF: 36769.9/8

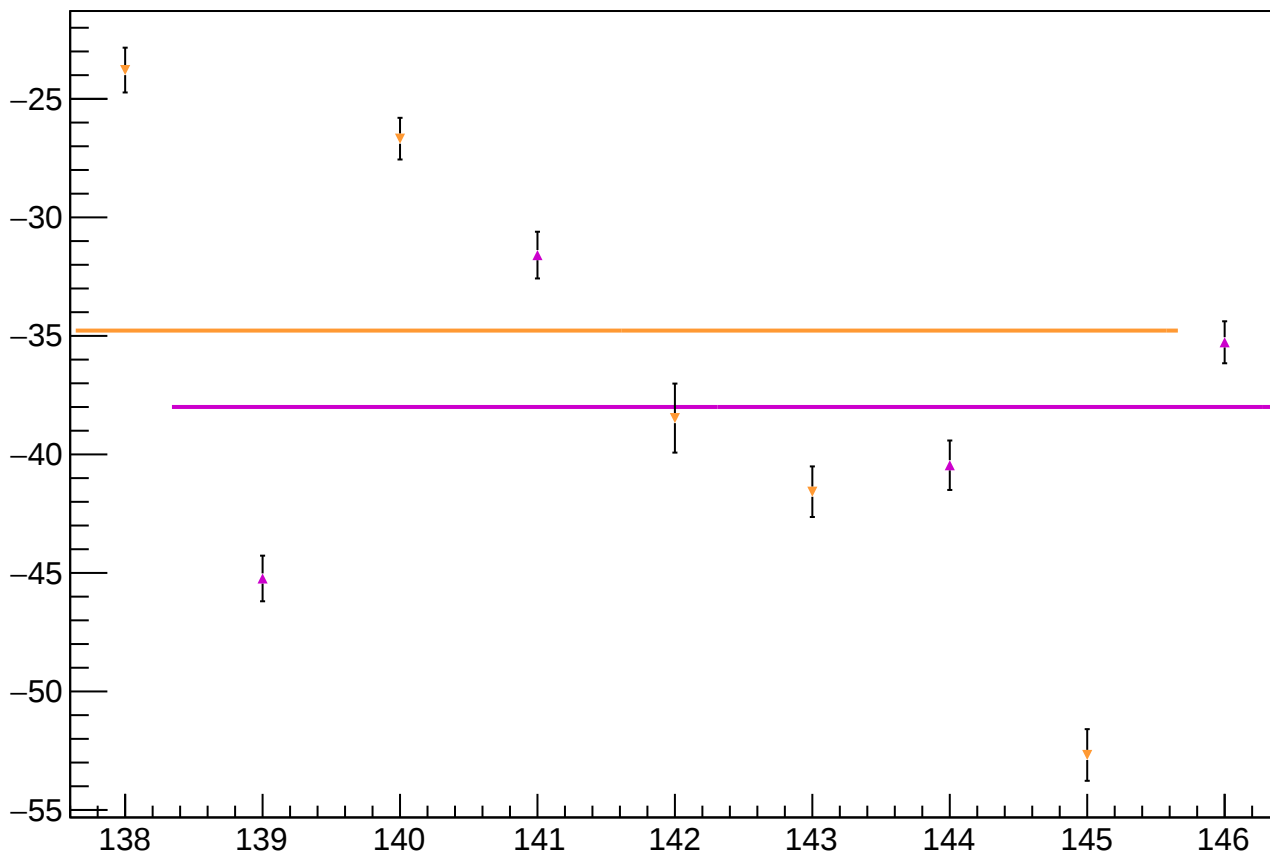
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -21.664 $\pm$ 0.014 χ^2 /NDF:39693.1/20

Out: -22.749 $\pm$ 0.014 χ^2 /NDF:46992.4/22

All: -22.207 $\pm$ 0.010 χ^2 /NDF: 89671.6/43

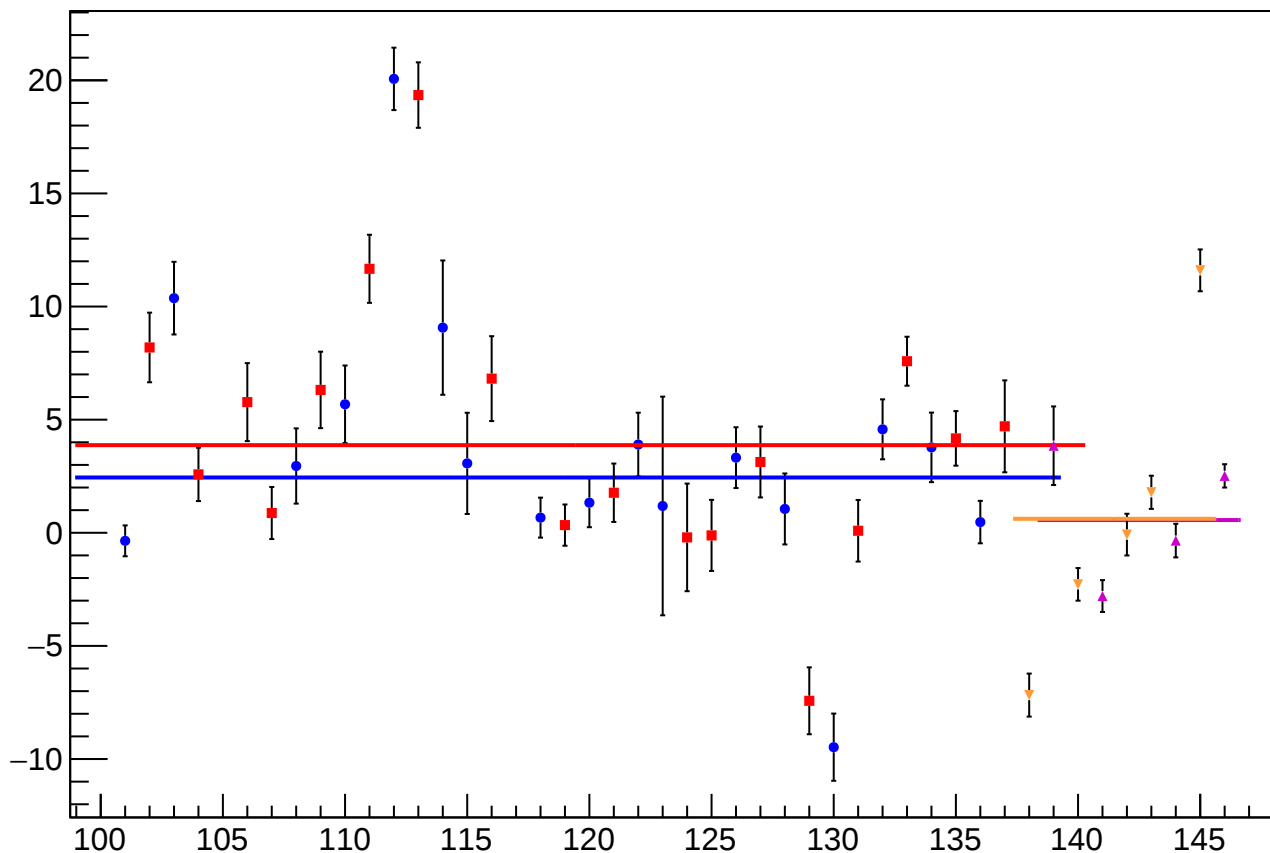
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -34.775 ± 0.466 $\chi^2/\text{NDF}: 537.0/4$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -37.998 ± 0.482 $\chi^2/\text{NDF}: 113.8/3$

Left: -36.332 ± 0.335 $\chi^2/\text{NDF}: 673.9/8$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -37.998 ± 0.482 $\chi^2/\text{NDF}: 113.8/3$
 Out: -34.775 ± 0.466 $\chi^2/\text{NDF}: 537.0/4$
 All: -36.332 ± 0.335 $\chi^2/\text{NDF}: 673.9/8$

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: 0.619+/-0.372 χ^2/NDF :227.4/4

Right Out: 3.874+/-0.327 χ^2/NDF : 268.3/17

Left In: 0.563+/-0.355 χ^2/NDF :42.2/3

Left: 0.590+/-0.257 χ^2/NDF : 269.6/8

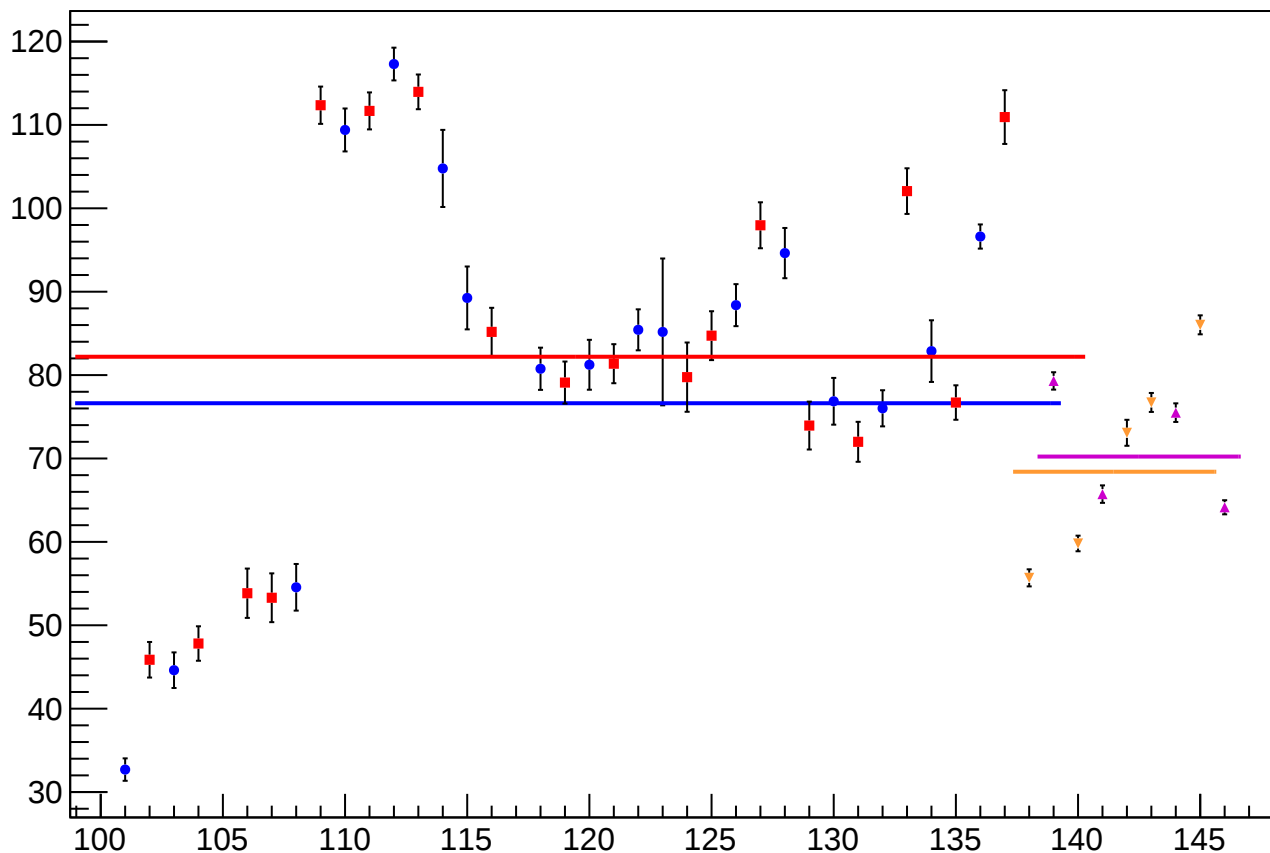
Right: 3.125+/-0.226 χ^2/NDF : 571.0/34

In: 1.626+/-0.234 χ^2/NDF :350.7/20

Out: 2.455+/-0.245 χ^2/NDF :539.0/22

All: 2.021+/-0.169 χ^2/NDF : 895.6/43

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: 68.411 $\pm$ 0.497 χ^2 /NDF:540.7/4

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 70.231 $\pm$ 0.498 χ^2 /NDF:168.1/3

Left: 69.319 $\pm$ 0.352 χ^2 /NDF: 715.5/8

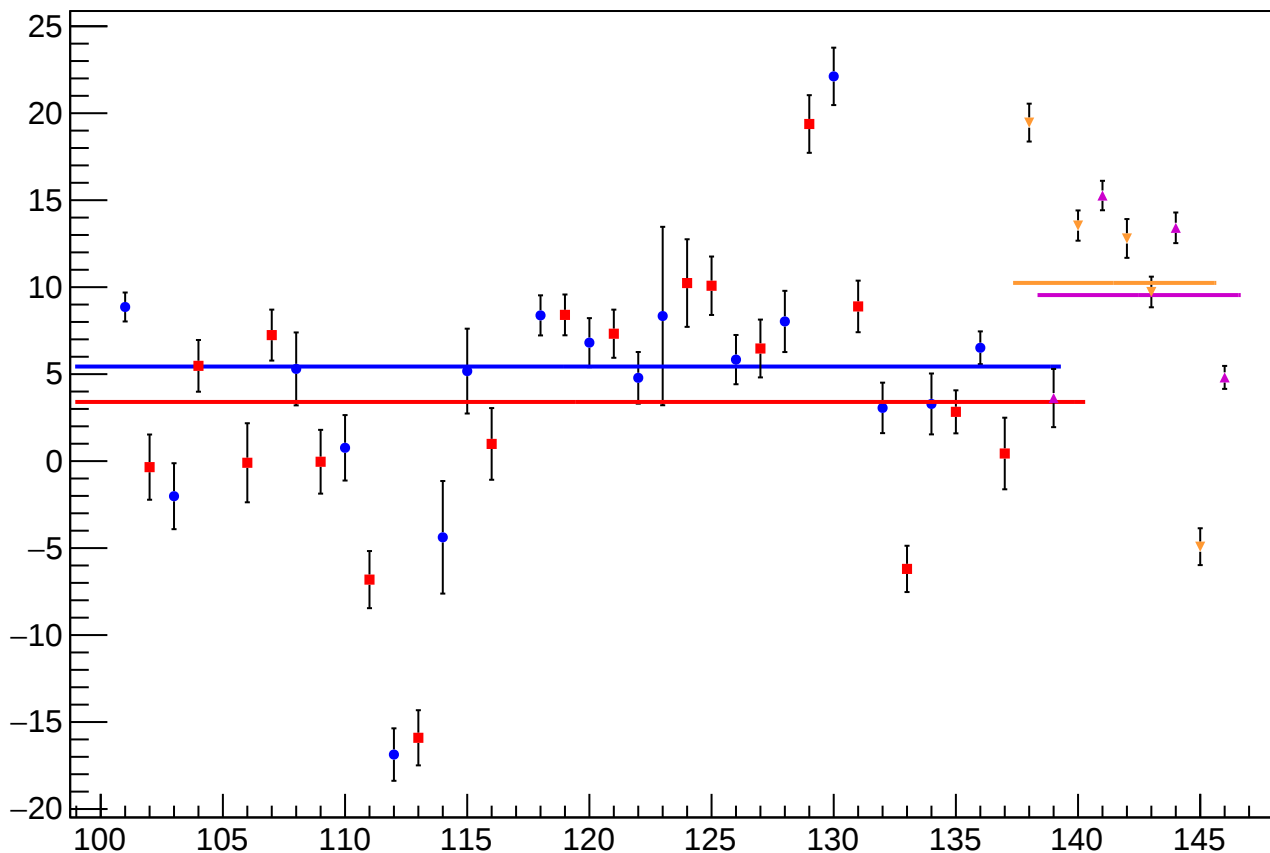
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 72.976 $\pm$ 0.376 χ^2 /NDF:2501.7/20

Out: 74.100 $\pm$ 0.381 χ^2 /NDF:2408.6/22

All: 73.531 $\pm$ 0.268 χ^2 /NDF: 4914.7/43

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2/NDF : 384.5/16

Left Out: 10.245 $\pm$ 0.441 χ^2/NDF :296.6/4

Right Out: 3.401 $\pm$ 0.375 χ^2/NDF : 420.9/17

Left In: 9.545 $\pm$ 0.433 χ^2/NDF :128.9/3

Left: 9.889 $\pm$ 0.309 χ^2/NDF : 426.8/8

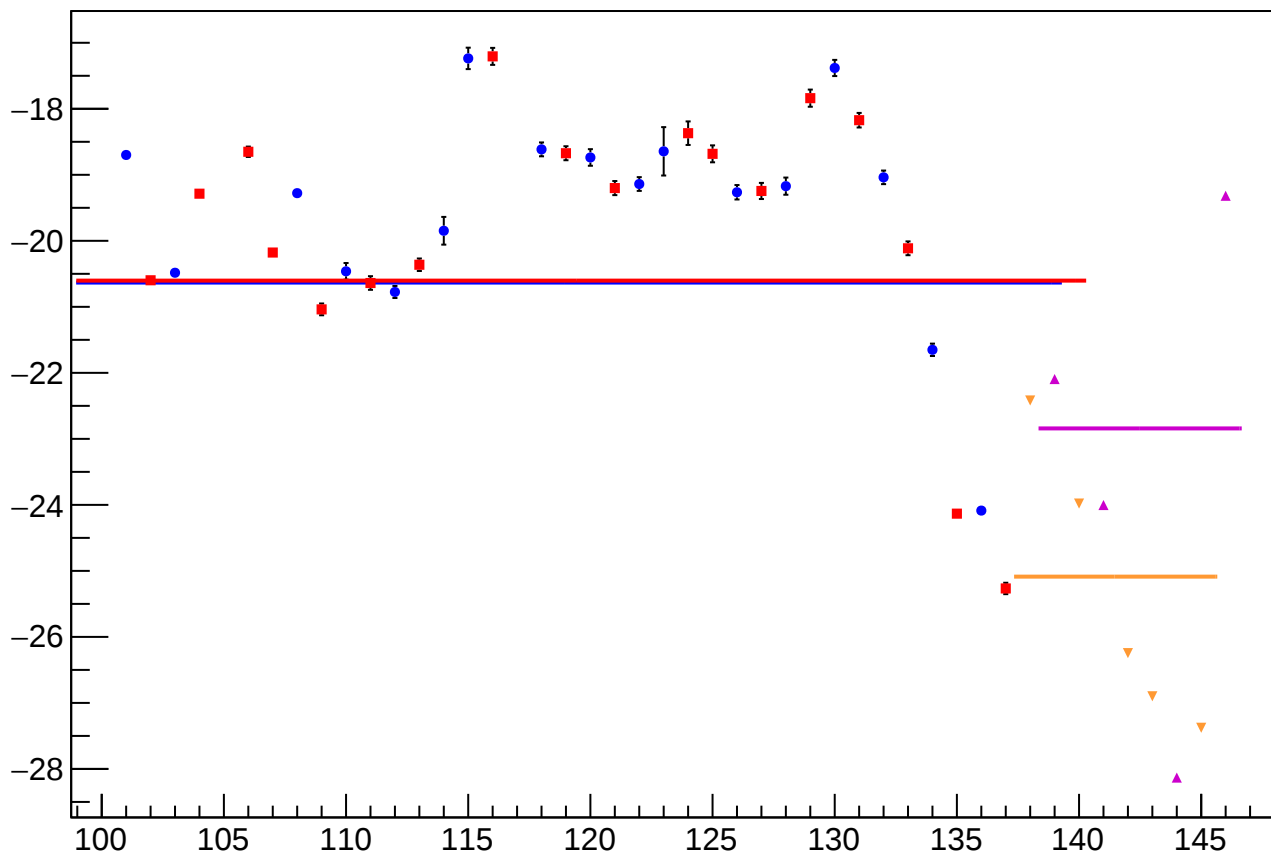
Right: 4.467 $\pm$ 0.259 χ^2/NDF : 820.8/34

In: 7.106 $\pm$ 0.276 χ^2/NDF :566.9/20

Out: 6.280 $\pm$ 0.286 χ^2/NDF :857.3/22

All: 6.707 $\pm$ 0.198 χ^2/NDF : 1428.5/43

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: -25.087 $\pm$ 0.020 χ^2 /NDF: 9576.3/4

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -22.842 $\pm$ 0.021 χ^2 /NDF: 21060.3/3

Left: -23.979 $\pm$ 0.014 χ^2 /NDF: 36693.3/8

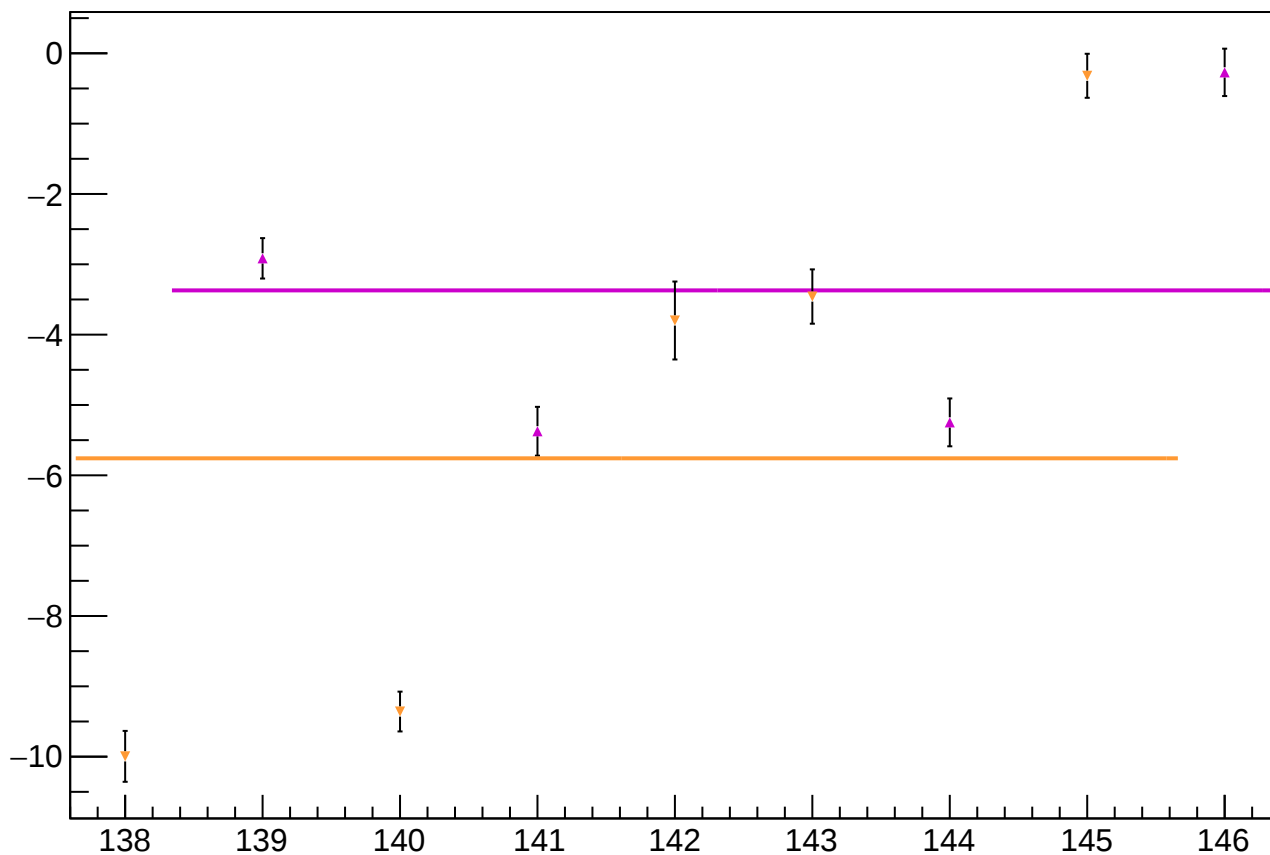
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -21.669 $\pm$ 0.014 χ^2 /NDF: 39751.4/20

Out: -22.754 $\pm$ 0.014 χ^2 /NDF: 46962.7/22

All: -22.213 $\pm$ 0.010 χ^2 /NDF: 89696.8/43

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: -5.758+/-0.158 χ^2/NDF : 649.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.371+/-0.162 χ^2/NDF : 151.0/3

Left: -4.602+/-0.113 χ^2/NDF : 911.4/8

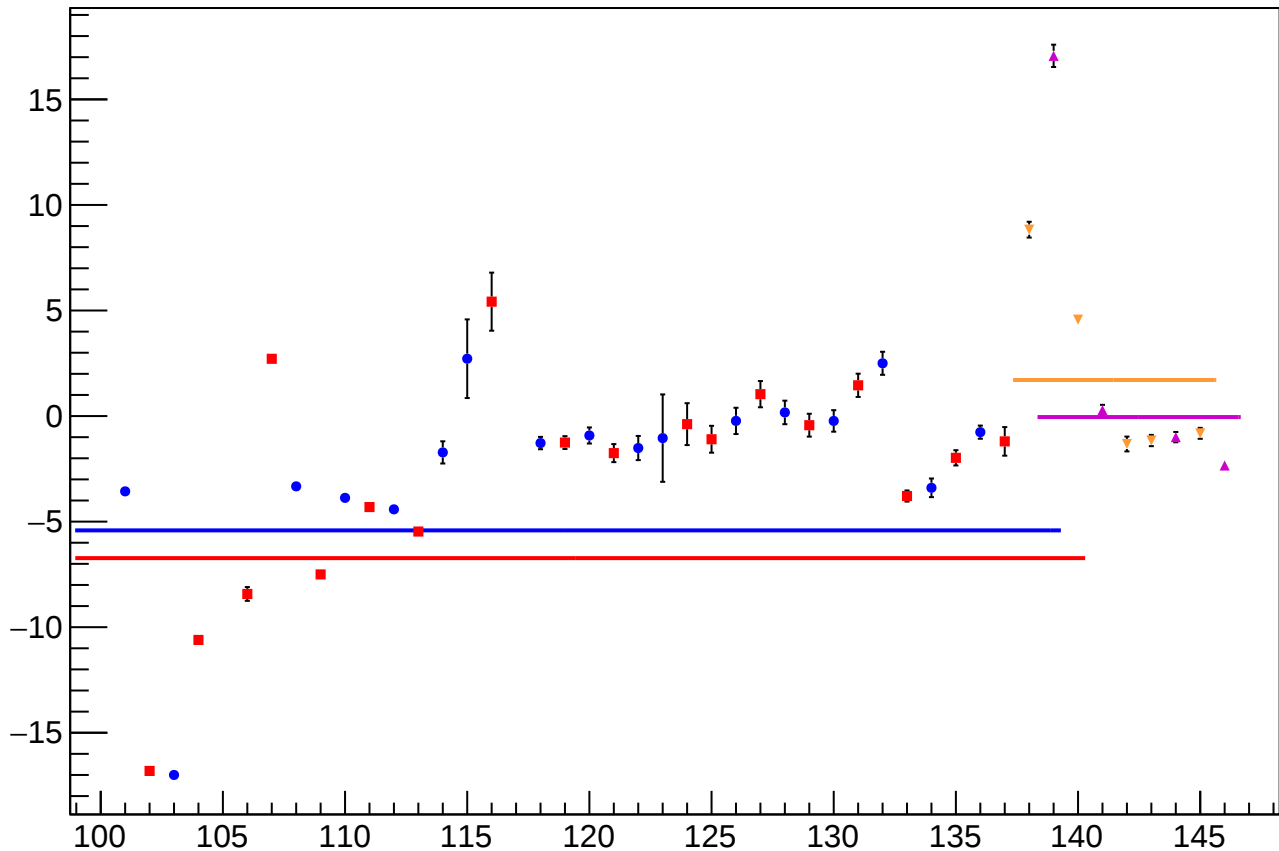
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.371+/-0.162 χ^2/NDF : 151.0/3

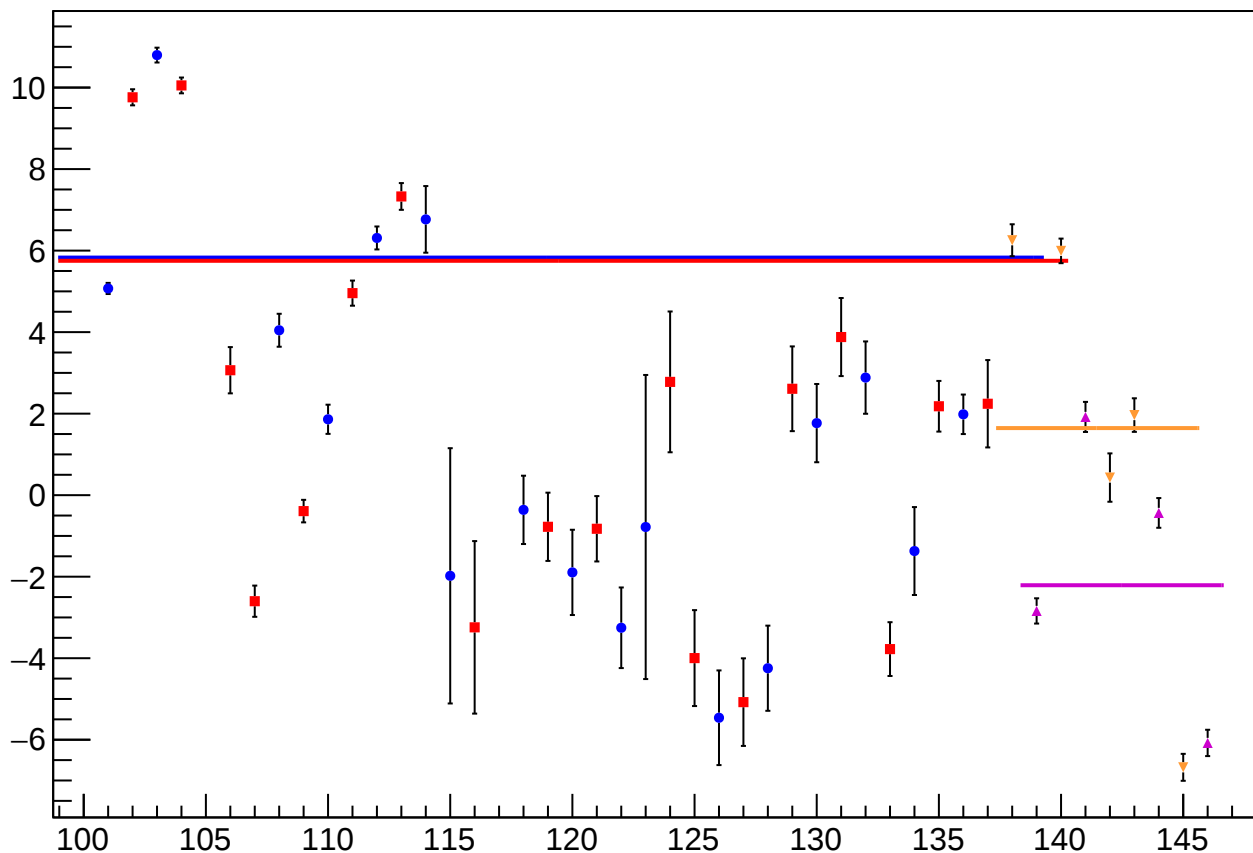
Out: -5.758+/-0.158 χ^2/NDF : 649.1/4

All: -4.602+/-0.113 χ^2/NDF : 911.4/8

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 1.646 $\pm$ 0.168 χ^2 /NDF:984.7/4

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: -2.210 $\pm$ 0.169 χ^2 /NDF:296.6/3

Left: -0.268 $\pm$ 0.119 χ^2 /NDF: 1542.4/8

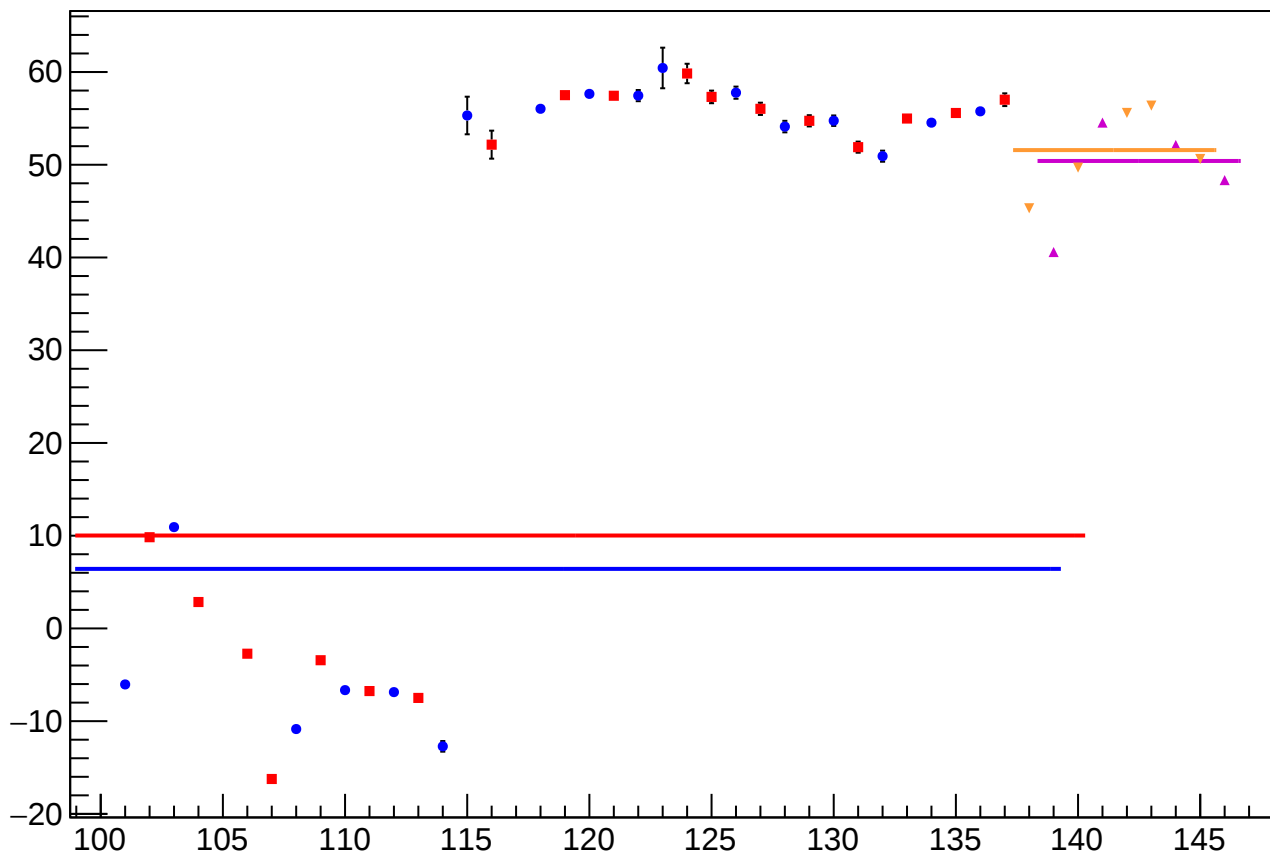
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 4.070 $\pm$ 0.079 χ^2 /NDF:3505.2/20

Out: 4.737 $\pm$ 0.084 χ^2 /NDF:3944.7/22

All: 4.386 $\pm$ 0.057 χ^2 /NDF: 7483.5/43

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: 51.581+/-0.150 χ^2/NDF : 587.6/4

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 50.408+/-0.155 χ^2/NDF : 659.3/3

Left: 51.017+/-0.108 χ^2/NDF : 1276.4/8

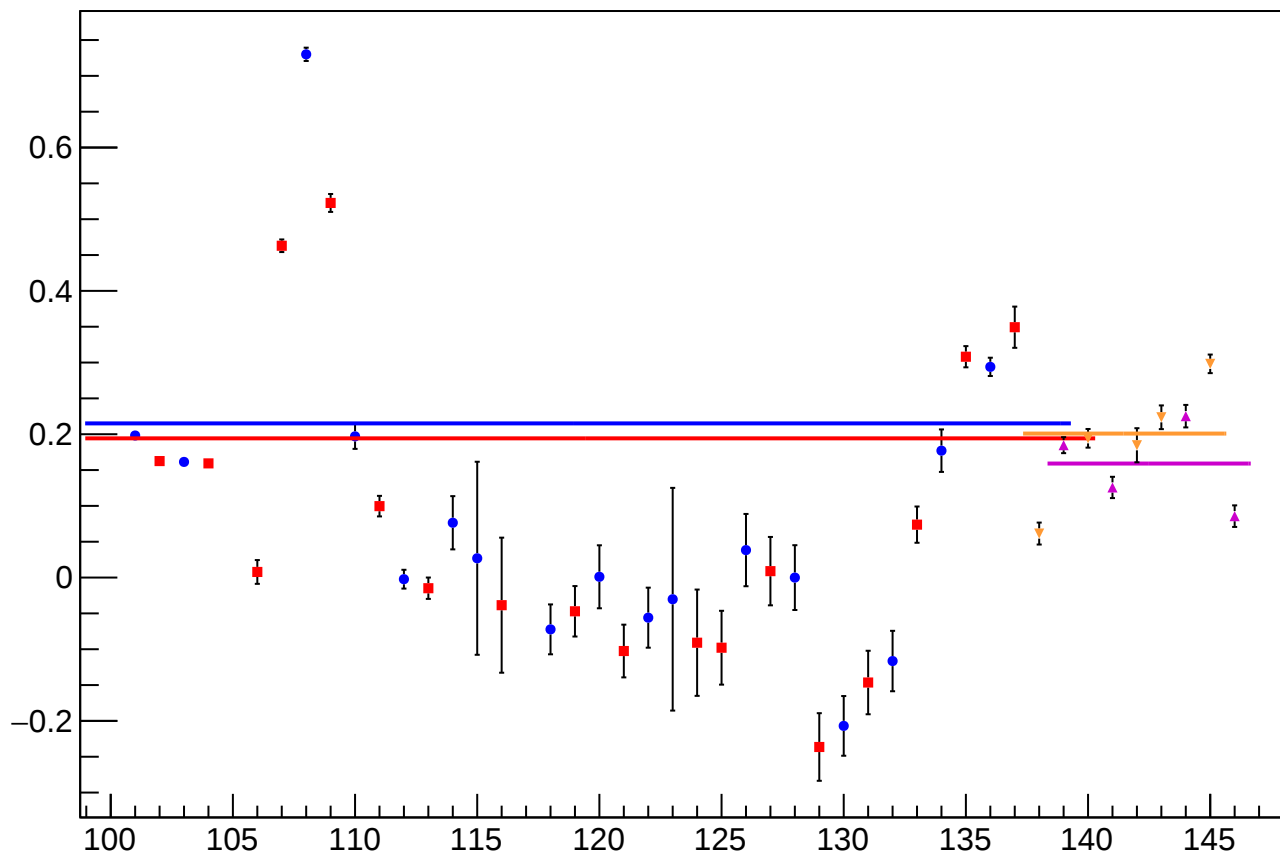
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 12.920+/-0.060 χ^2/NDF : 191989.6/20

Out: 17.608+/-0.064 χ^2/NDF : 185731.5/22

All: 15.105+/-0.044 χ^2/NDF : 380590.6/43

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: 0.201 $\pm$ 0.007 χ^2 /NDF:141.9/4

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.159 $\pm$ 0.007 χ^2 /NDF:51.9/3

Left: 0.180 $\pm$ 0.005 χ^2 /NDF: 212.4/8

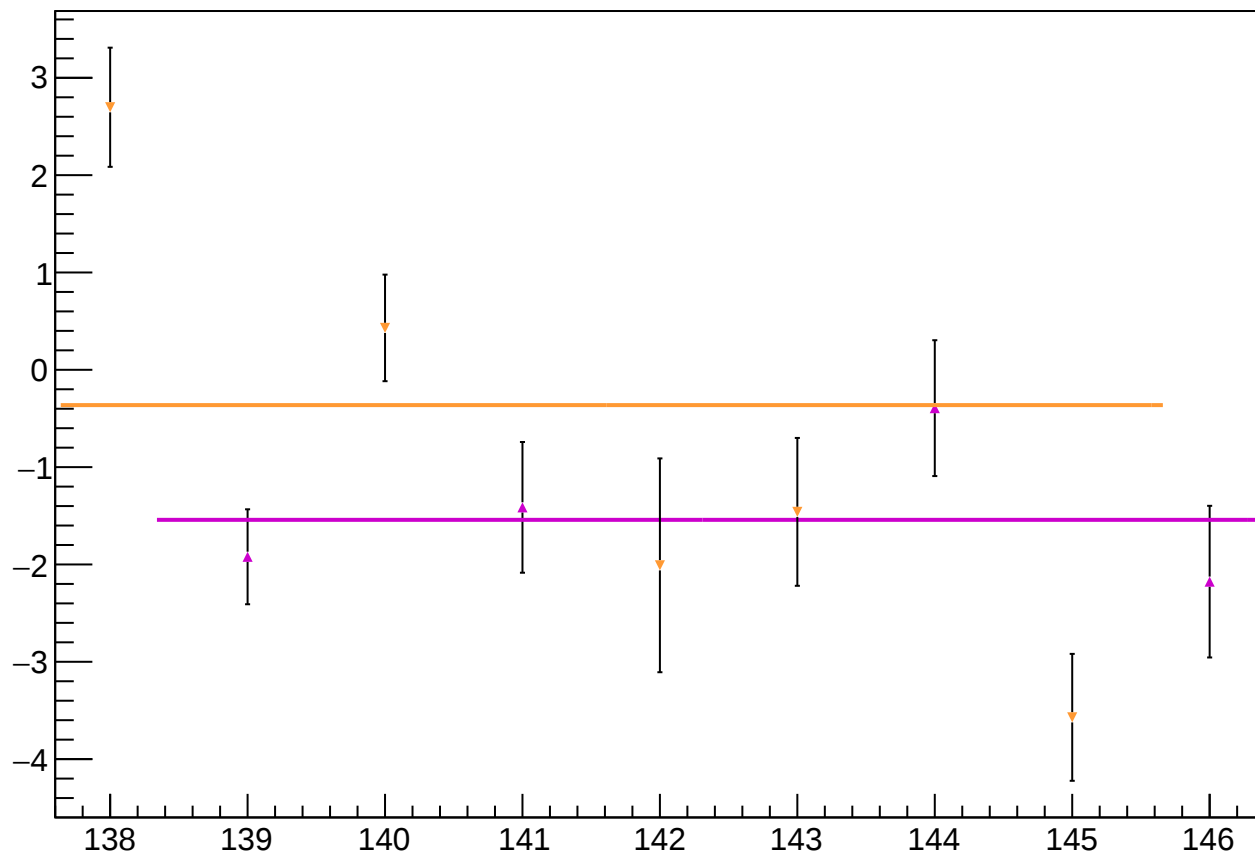
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.207 $\pm$ 0.003 χ^2 /NDF:4035.9/20

Out: 0.195 $\pm$ 0.003 χ^2 /NDF:2662.9/22

All: 0.201 $\pm$ 0.002 χ^2 /NDF: 6710.1/43

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: -0.363 ± 0.303 χ^2/NDF : 55.6/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -1.542 ± 0.314 χ^2/NDF : 4.0/3

Left: -0.930 ± 0.218 χ^2/NDF : 66.9/8

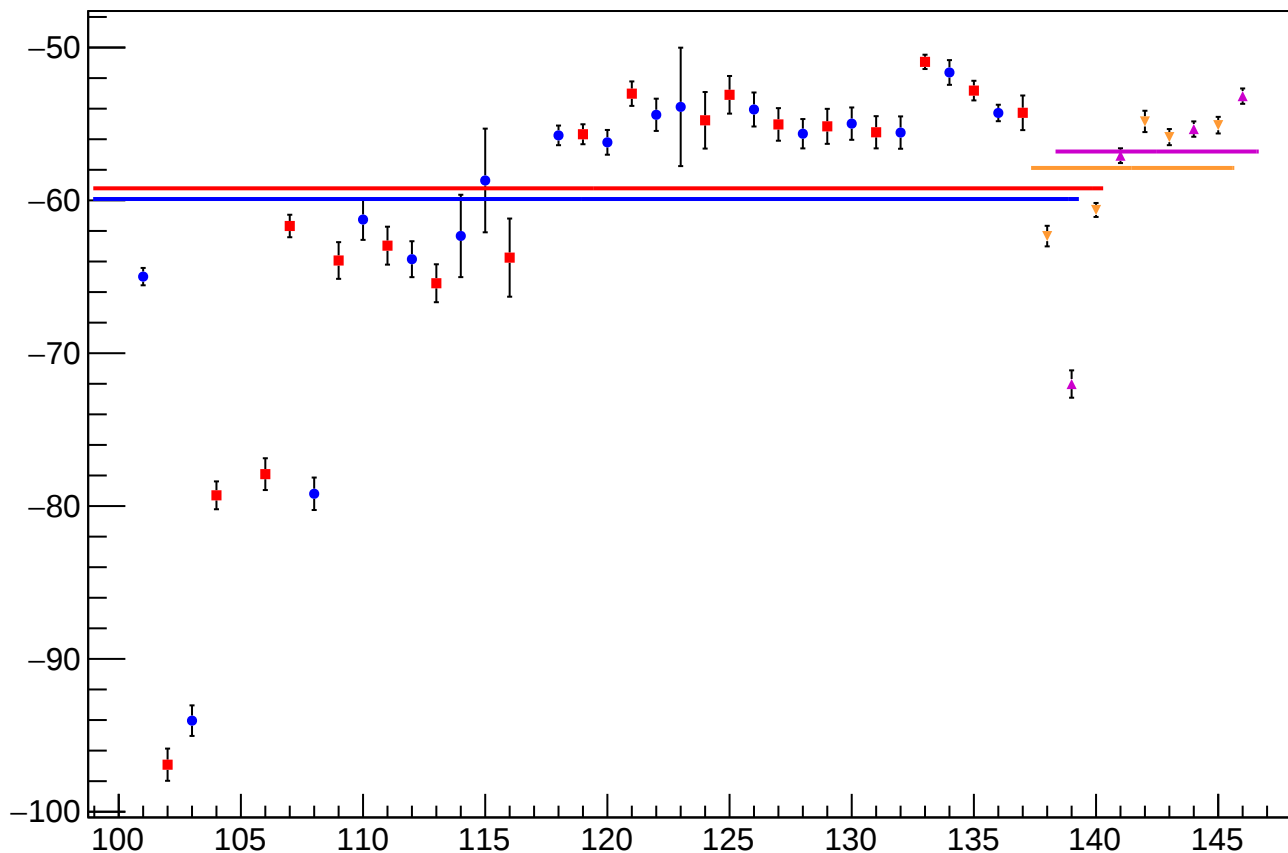
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -1.542 ± 0.314 χ^2/NDF : 4.0/3

Out: -0.363 ± 0.303 χ^2/NDF : 55.6/4

All: -0.930 ± 0.218 χ^2/NDF : 66.9/8

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: -57.878 ± 0.250 χ^2/NDF : 140.2/4

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -56.804 ± 0.273 χ^2/NDF : 349.7/3

Left: -57.388 ± 0.184 χ^2/NDF : 498.3/8

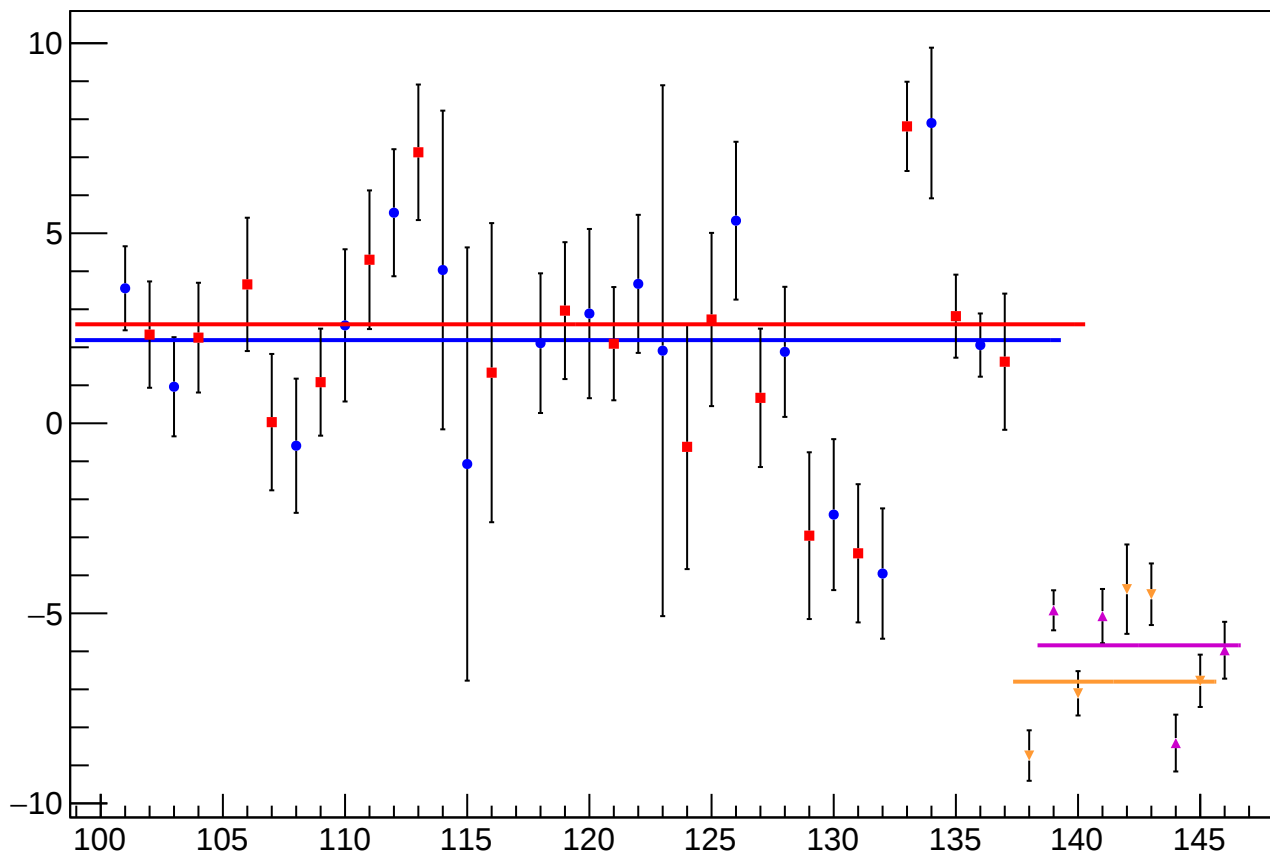
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -58.664 ± 0.173 χ^2/NDF : 2408.3/20

Out: -58.652 ± 0.162 χ^2/NDF : 2899.6/22

All: -58.658 ± 0.118 χ^2/NDF : 5307.9/43

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 χ^2/NDF : 39.1/16

Left Out: -6.797 ± 0.323 χ^2/NDF : 21.2/4

Right Out: 2.605 ± 0.391 χ^2/NDF : 50.8/17

Left In: -5.842 ± 0.331 χ^2/NDF : 16.1/3

Left: -6.330 ± 0.231 χ^2/NDF : 41.5/8

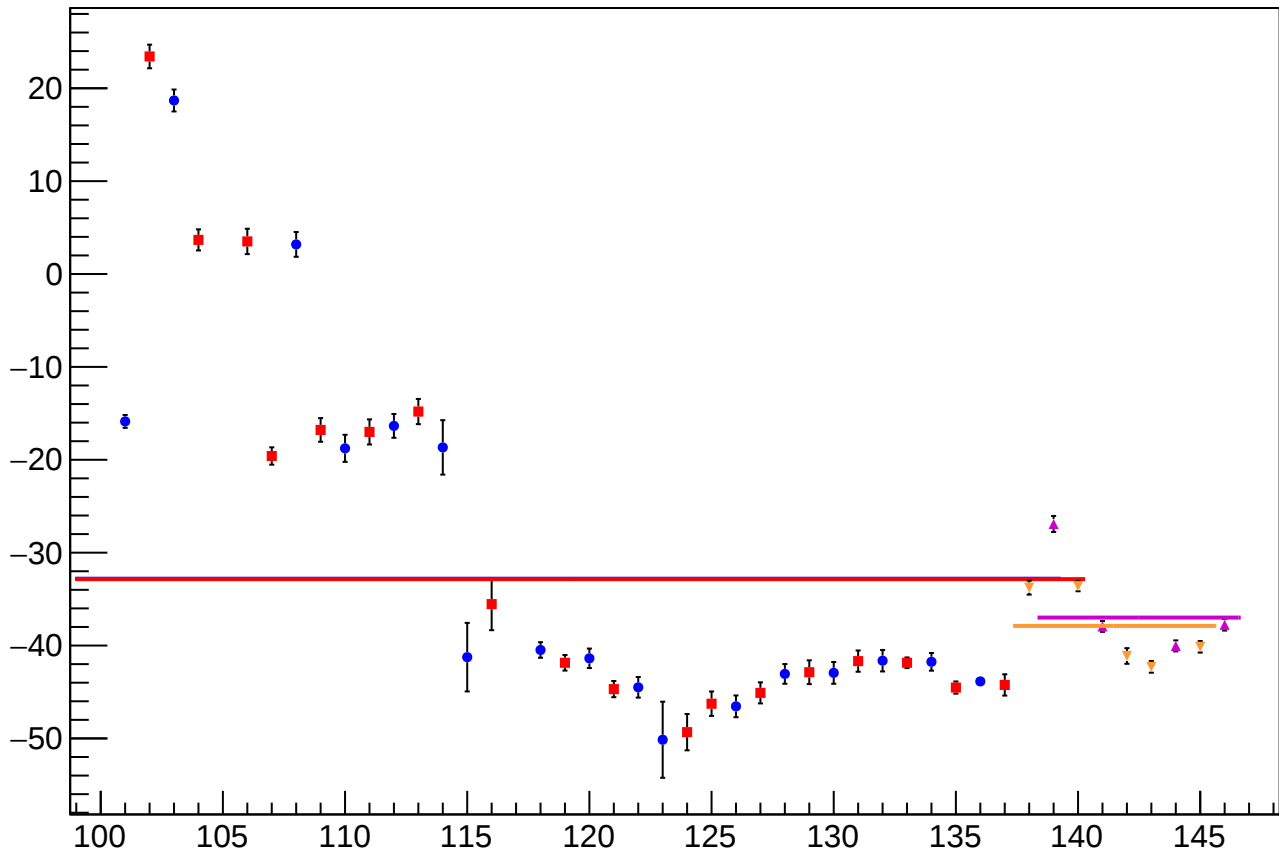
Right: 2.404 ± 0.281 χ^2/NDF : 90.4/34

In: -2.625 ± 0.256 χ^2/NDF : 291.3/20

Out: -2.976 ± 0.249 χ^2/NDF : 415.4/22

All: -2.805 ± 0.179 χ^2/NDF : 707.7/43

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -37.885 ± 0.294 χ^2/NDF : 167.5/4

Right Out: -32.850 ± 0.244 χ^2/NDF : 5750.3/17

Left In: -36.989 ± 0.320 χ^2/NDF : 167.0/3

Left: -37.475 ± 0.216 χ^2/NDF : 338.8/8

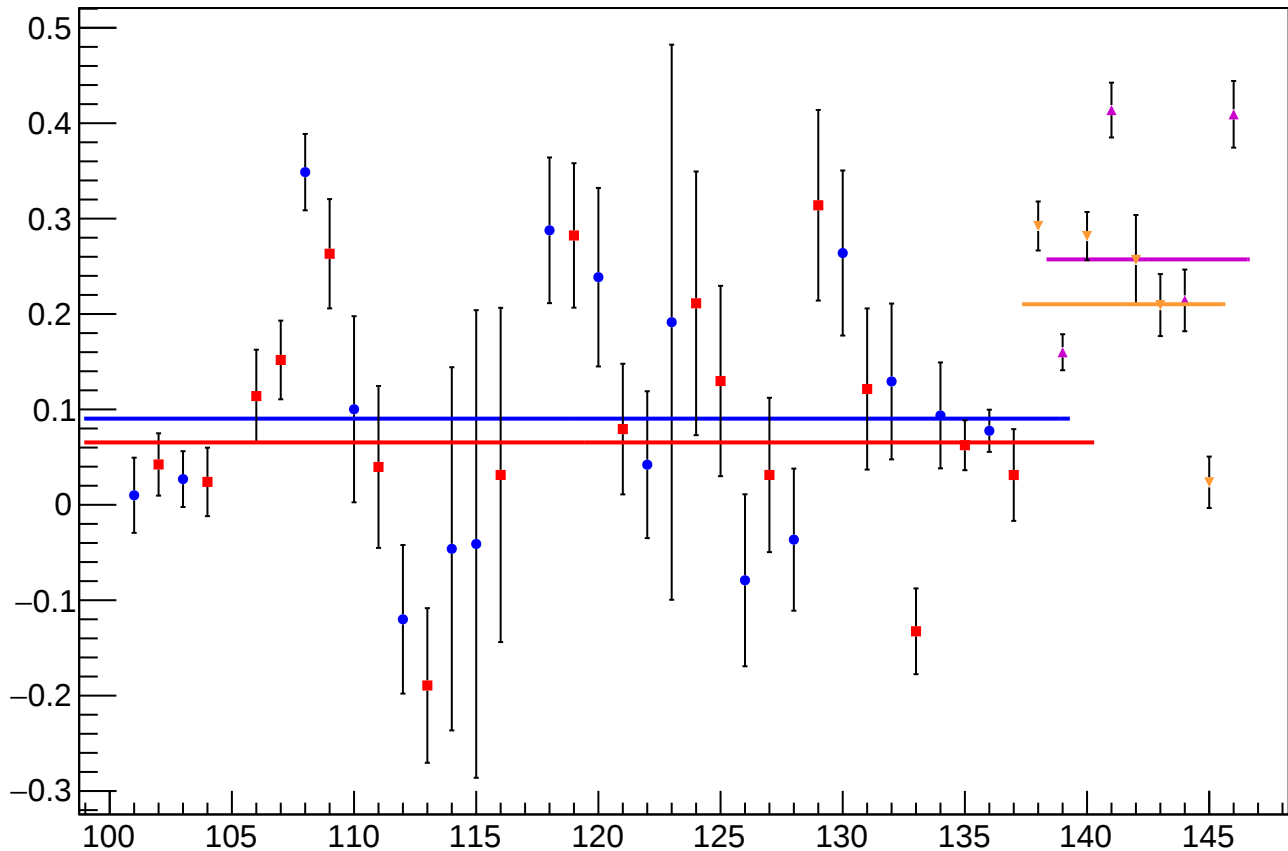
Right: -32.829 ± 0.176 χ^2/NDF : 10413.1/34

In: -34.426 ± 0.199 χ^2/NDF : 4934.6/20

Out: -34.910 ± 0.188 χ^2/NDF : 6091.5/22

All: -34.682 ± 0.137 χ^2/NDF : 11029.3/43

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: 0.210 ± 0.013 $\chi^2/\text{NDF}: 67.1/4$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.257 ± 0.013 $\chi^2/\text{NDF}: 77.0/3$

Left: 0.234 ± 0.009 $\chi^2/\text{NDF}: 150.5/8$

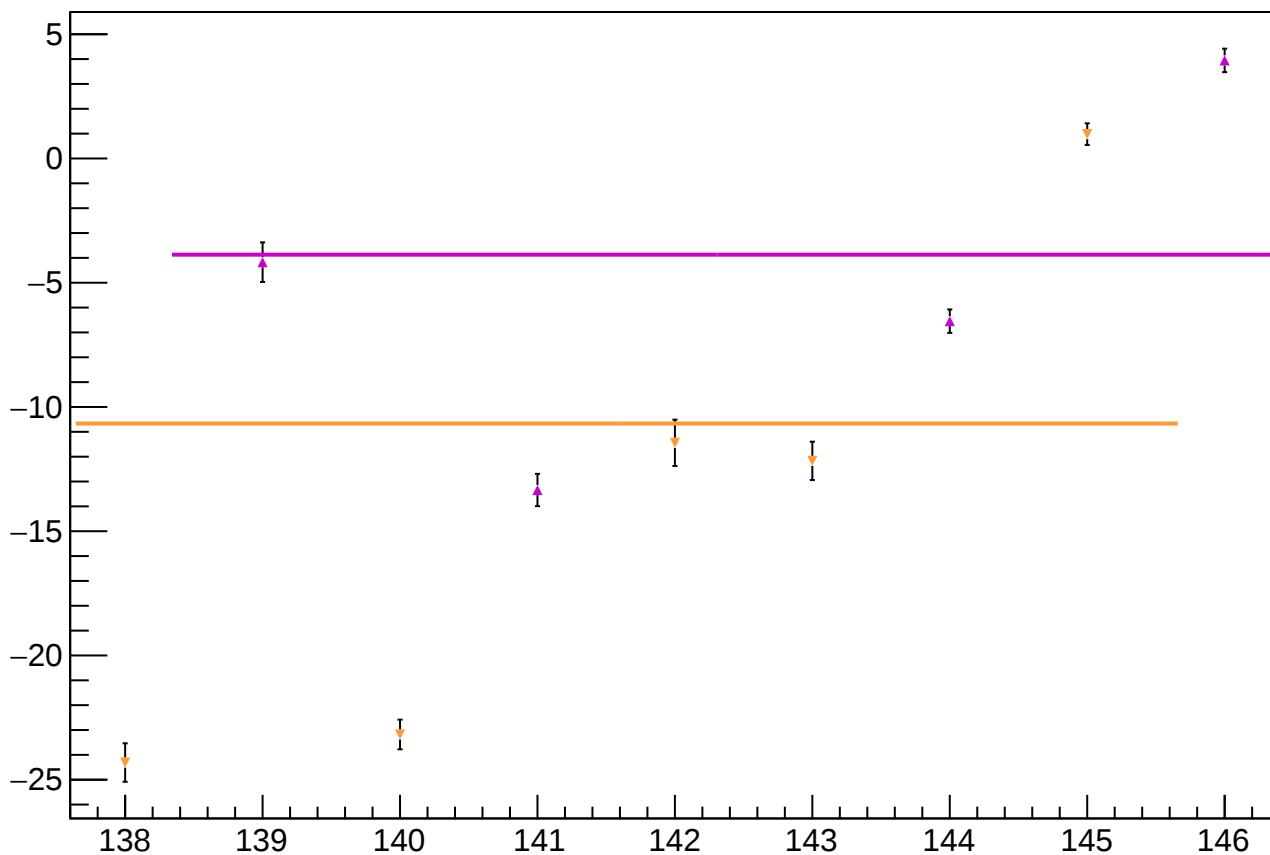
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.171 ± 0.009 $\chi^2/\text{NDF}: 239.7/20$

Out: 0.133 ± 0.009 $\chi^2/\text{NDF}: 198.2/22$

All: 0.152 ± 0.006 $\chi^2/\text{NDF}: 446.7/43$

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: -10.665+/-0.282 χ^2/NDF :1468.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.870+/-0.278 χ^2/NDF :518.8/3

Left: -7.219+/-0.198 χ^2/NDF : 2281.2/8

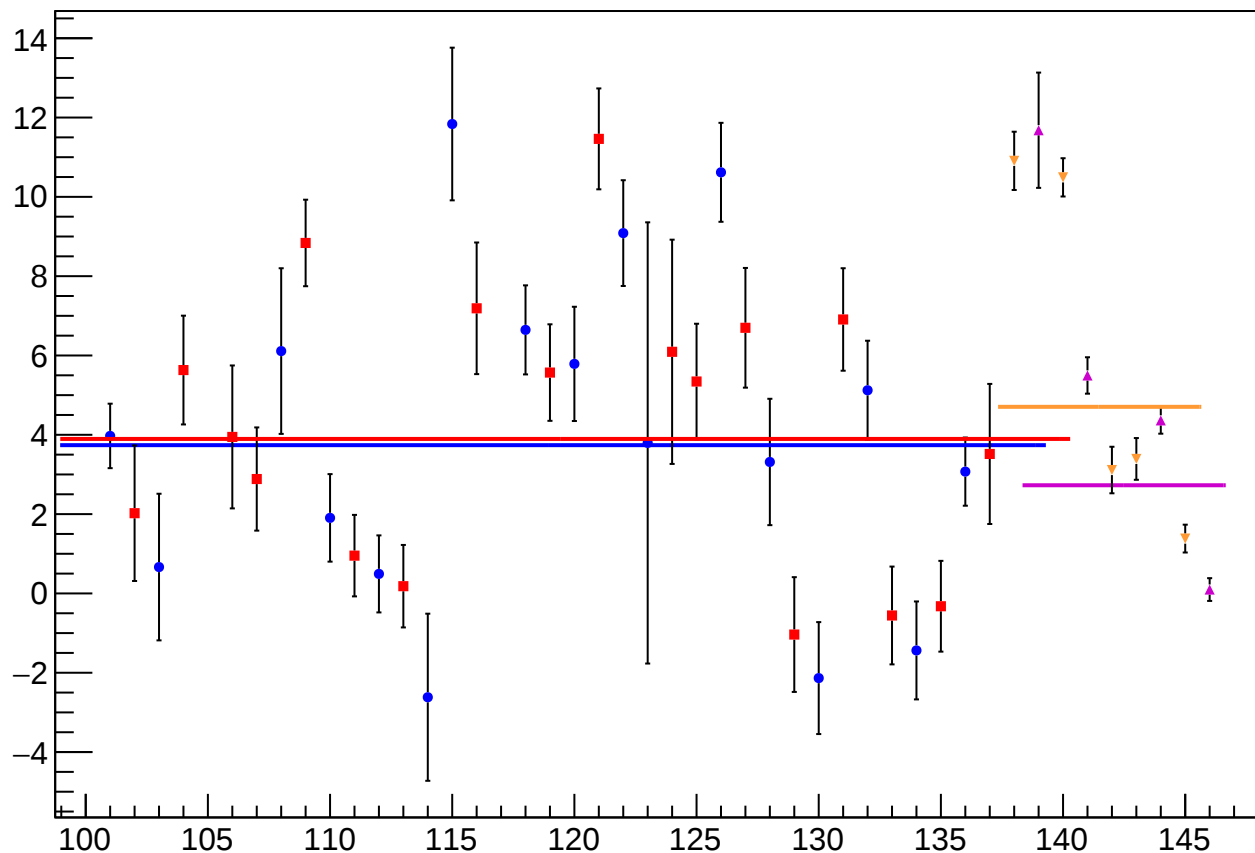
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.870+/-0.278 χ^2/NDF :518.8/3

Out: -10.665+/-0.282 χ^2/NDF :1468.1/4

All: -7.219+/-0.198 χ^2/NDF : 2281.2/8

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 4.705 ± 0.219 χ^2/NDF : 318.4/4

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 2.728 ± 0.195 χ^2/NDF : 182.1/3

Left: 3.601 ± 0.146 χ^2/NDF : 545.8/8

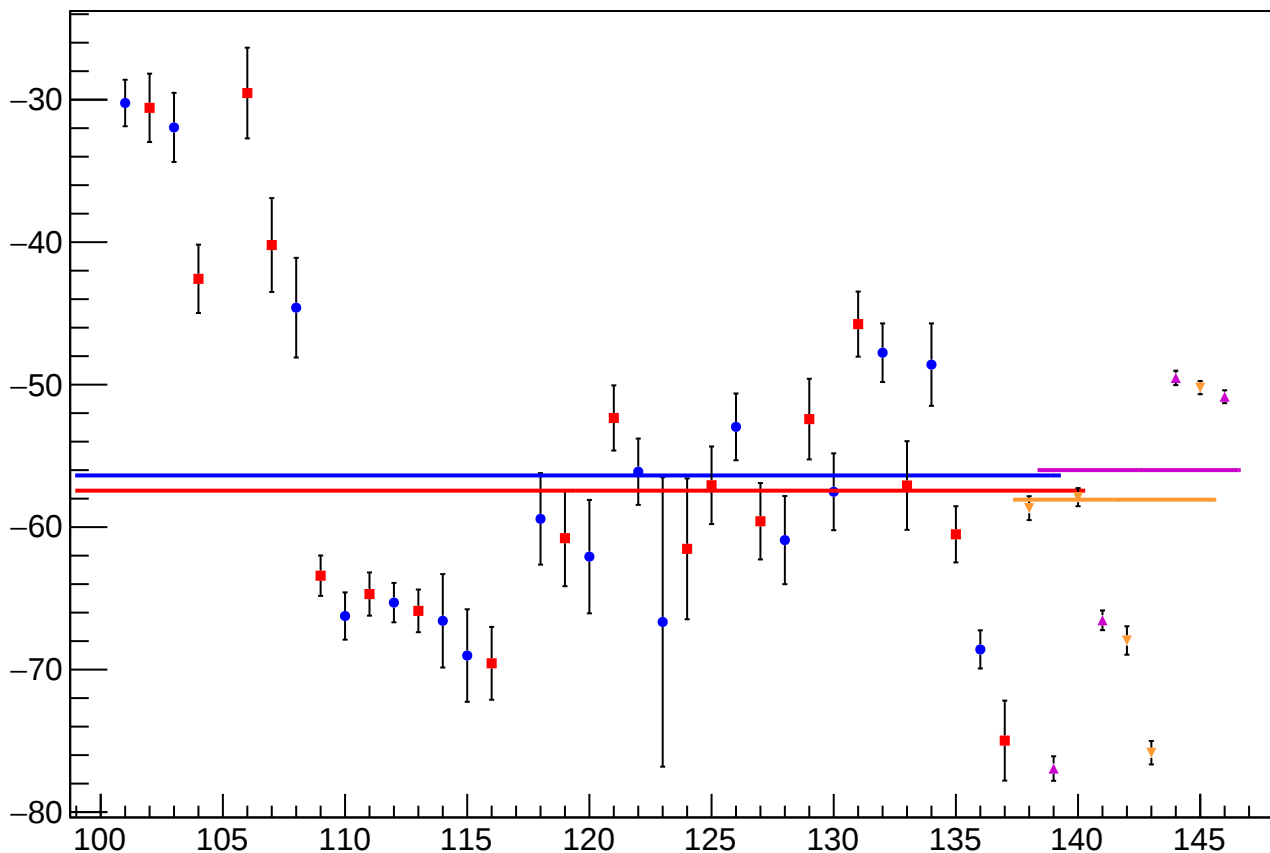
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 3.016 ± 0.165 χ^2/NDF : 326.6/20

Out: 4.443 ± 0.180 χ^2/NDF : 457.7/22

All: 3.666 ± 0.122 χ^2/NDF : 818.4/43

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: -58.073 ± 0.301 $\chi^2/\text{NDF}: 852.2/4$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -55.998 ± 0.286 $\chi^2/\text{NDF}: 1118.4/3$

Left: -56.982 ± 0.207 $\chi^2/\text{NDF}: 1995.6/8$

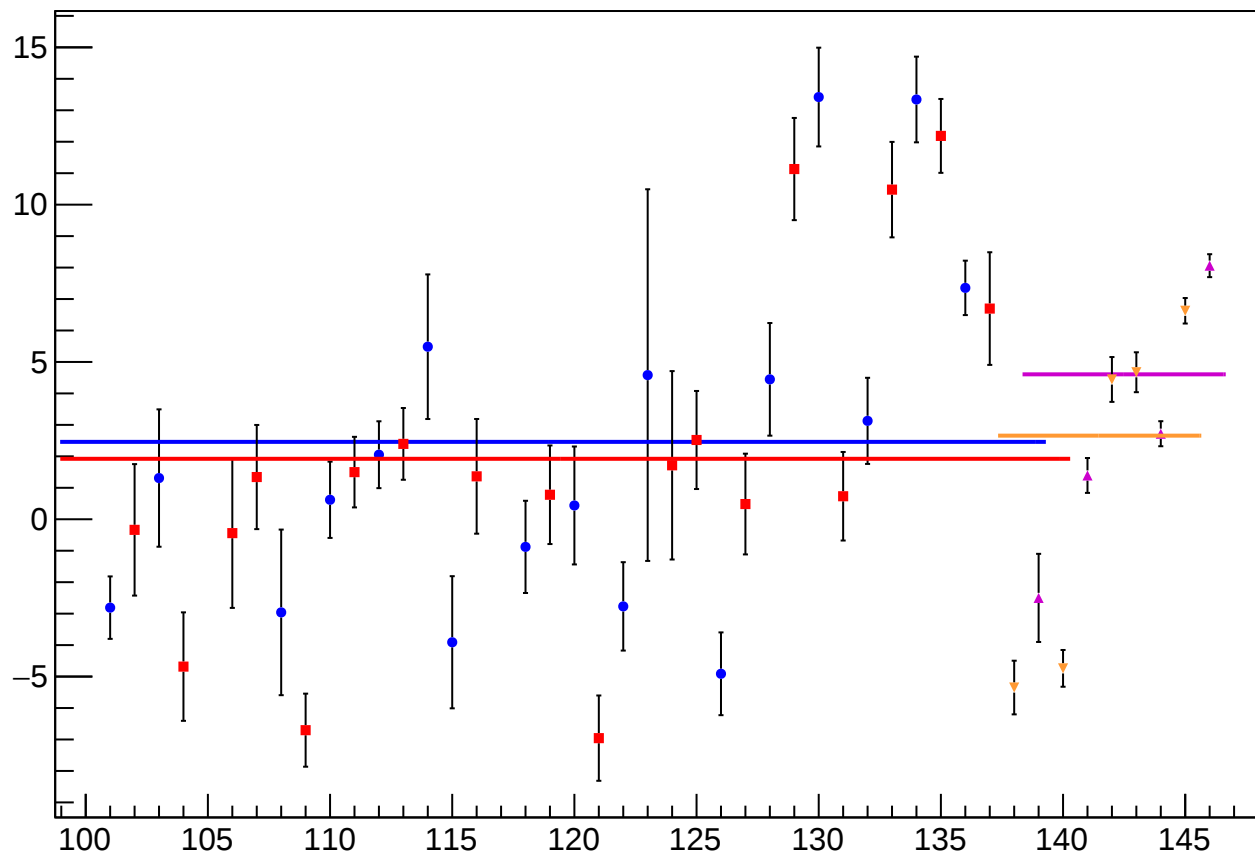
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -56.080 ± 0.253 $\chi^2/\text{NDF}: 1706.4/20$

Out: -57.921 ± 0.263 $\chi^2/\text{NDF}: 1294.2/22$

All: -56.966 ± 0.182 $\chi^2/\text{NDF}: 3026.1/43$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 2.658 $\pm$ 0.260 χ^2 /NDF:360.7/4

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 4.607 $\pm$ 0.238 χ^2 /NDF:171.7/3

Left: 3.715 $\pm$ 0.176 χ^2 /NDF: 563.0/8

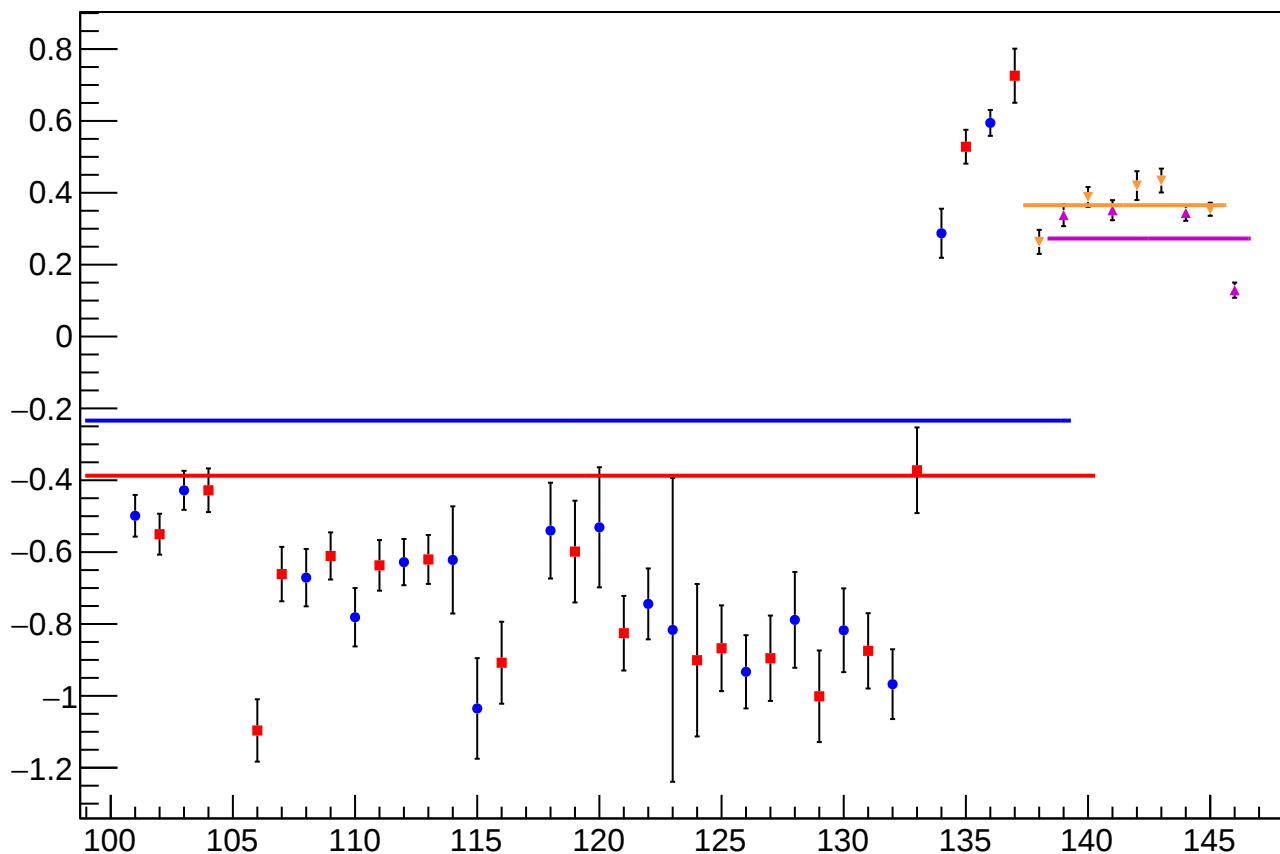
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 3.916 $\pm$ 0.196 χ^2 /NDF:441.7/20

Out: 2.401 $\pm$ 0.210 χ^2 /NDF:628.6/22

All: 3.208 $\pm$ 0.143 χ^2 /NDF: 1098.2/43

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: 0.366 ± 0.012 χ^2/NDF : 16.5/4

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.273 ± 0.012 χ^2/NDF : 69.2/3

Left: 0.319 ± 0.009 χ^2/NDF : 114.7/8

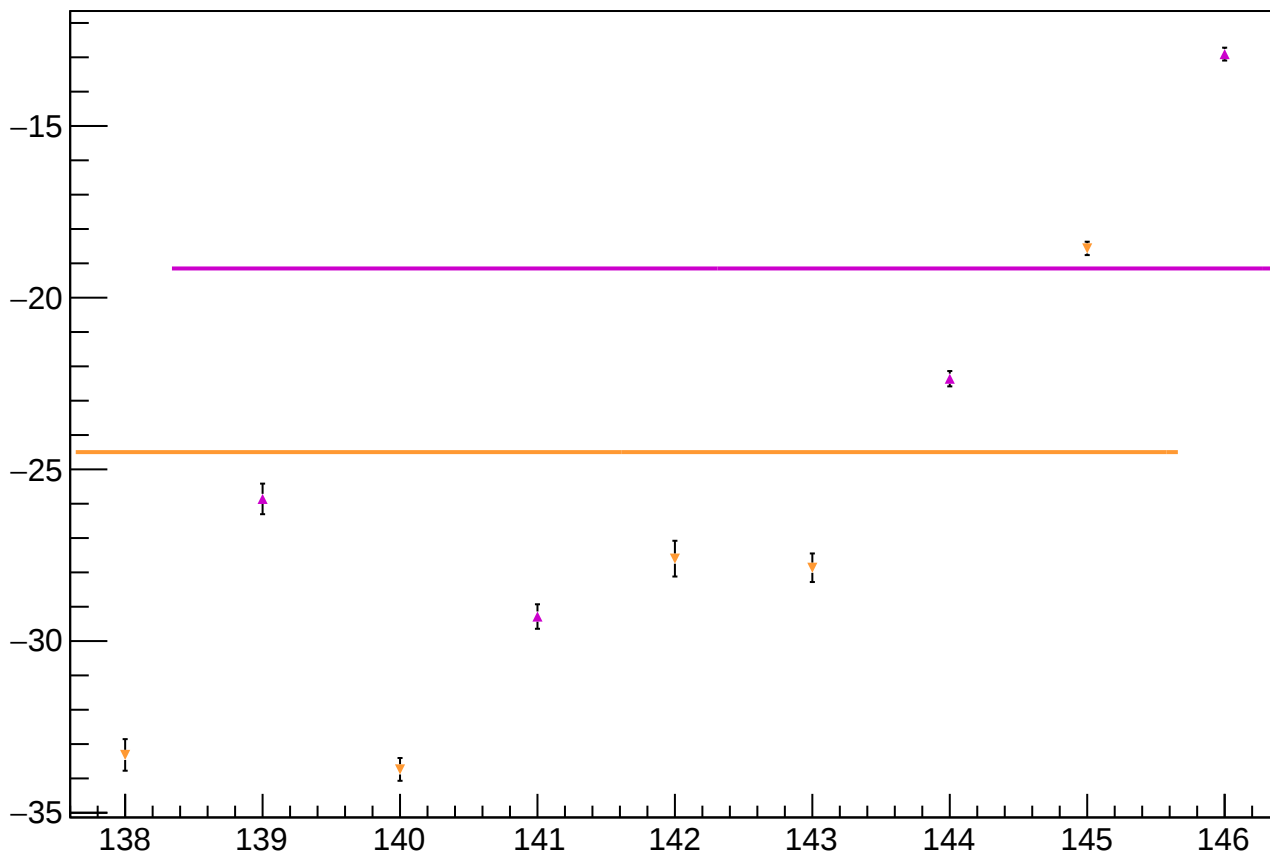
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.123 ± 0.010 χ^2/NDF : 1534.5/20

Out: 0.146 ± 0.010 χ^2/NDF : 1975.8/22

All: 0.135 ± 0.007 χ^2/NDF : 3512.9/43

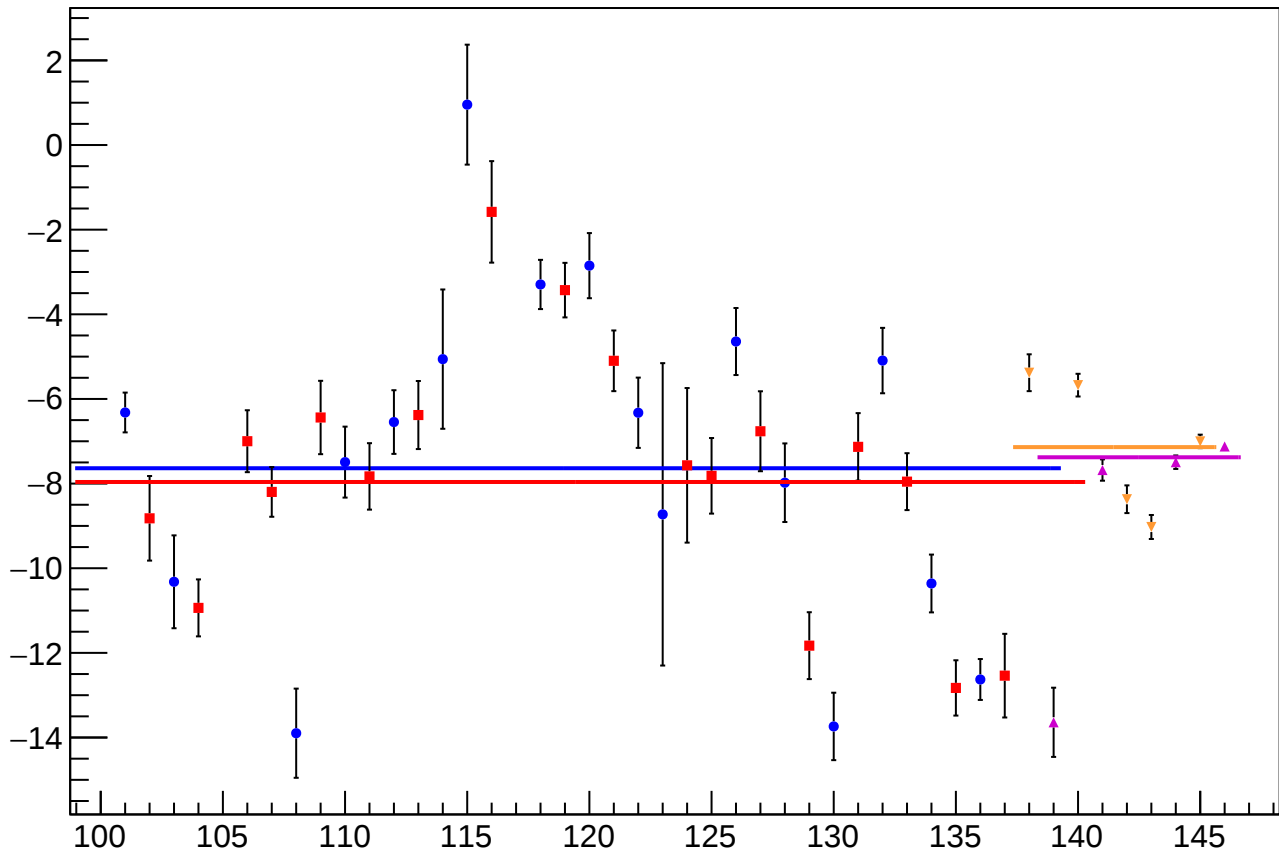
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -24.497 $\pm$ 0.142 χ^2 /NDF:2170.6/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -19.149 $\pm$ 0.128 χ^2 /NDF:2349.7/3

Left: -21.540 $\pm$ 0.095 χ^2 /NDF: 5305.3/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -19.149 $\pm$ 0.128 χ^2 /NDF:2349.7/3
 Out: -24.497 $\pm$ 0.142 χ^2 /NDF:2170.6/4
 All: -21.540 $\pm$ 0.095 χ^2 /NDF: 5305.3/8

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: -7.138 ± 0.112 χ^2/NDF : 105.3/4

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.378 ± 0.088 χ^2/NDF : 65.4/3

Left: -7.286 ± 0.069 χ^2/NDF : 173.6/8

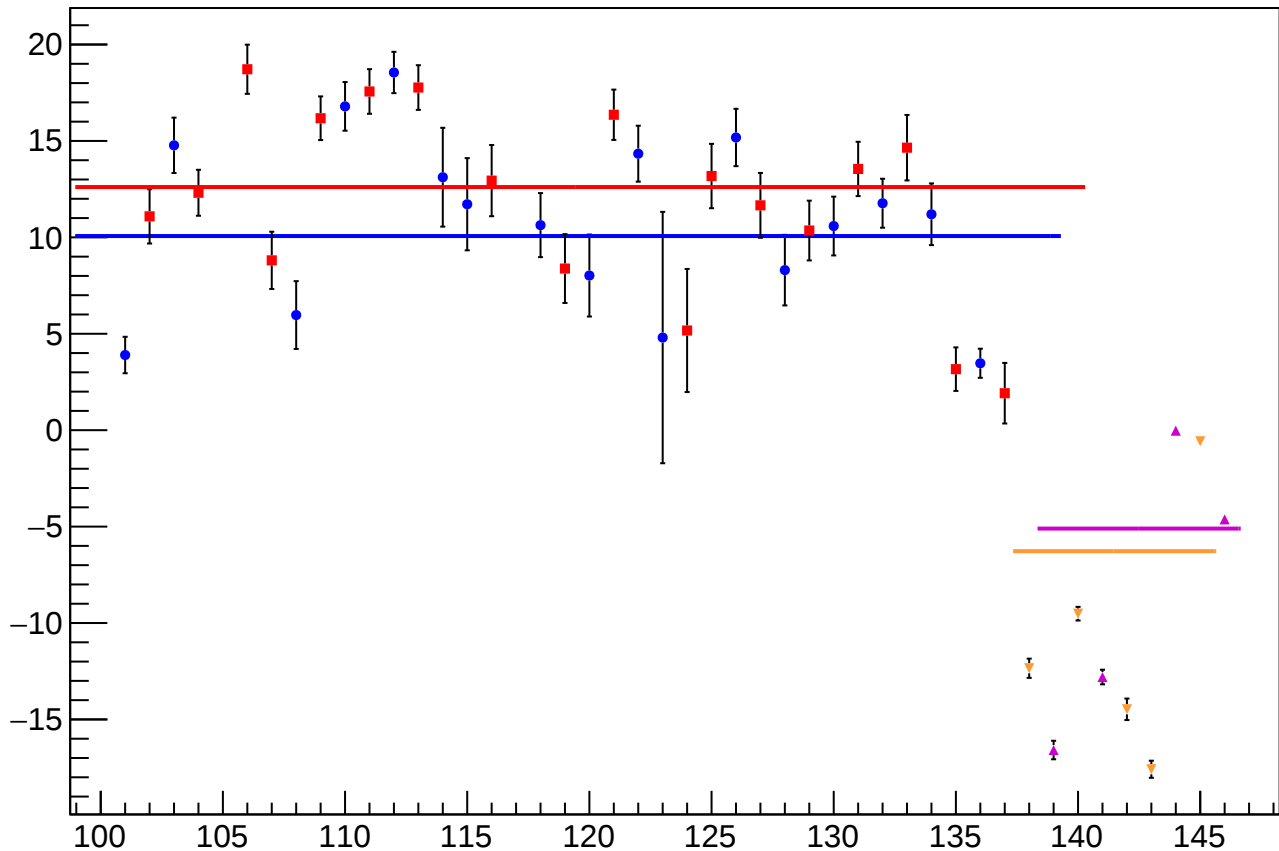
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.425 ± 0.079 χ^2/NDF : 461.0/20

Out: -7.356 ± 0.096 χ^2/NDF : 346.3/22

All: -7.397 ± 0.061 χ^2/NDF : 807.6/43

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 $\pm$ 0.337 χ^2 /NDF: 253.6/16

Left Out: -6.275 $\pm$ 0.151 χ^2 /NDF:1864.0/4

Right Out: 12.609 $\pm$ 0.333 χ^2 /NDF: 219.0/17

Left In: -5.102 $\pm$ 0.130 χ^2 /NDF:1438.3/3

Left: -5.600 $\pm$ 0.098 χ^2 /NDF: 3337.0/8

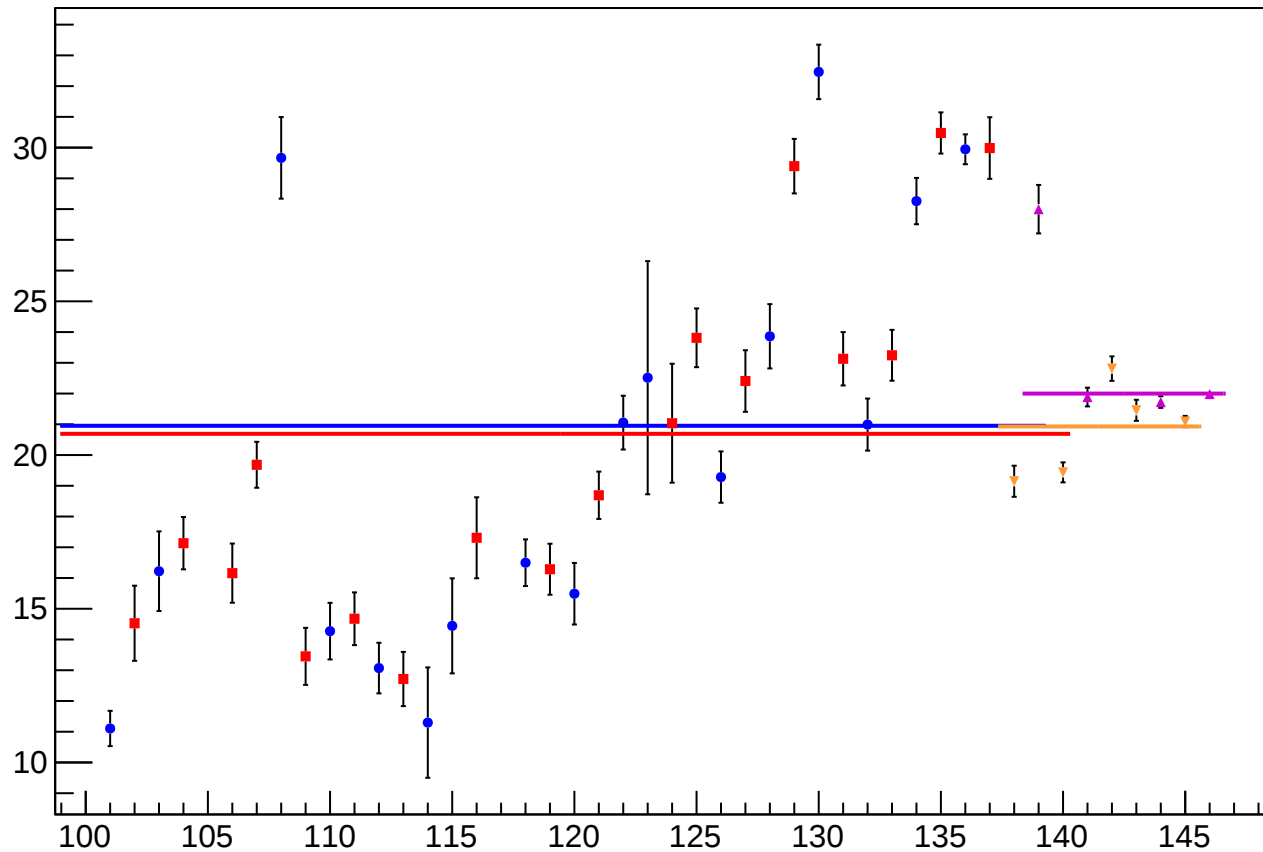
Right: 11.355 $\pm$ 0.237 χ^2 /NDF: 501.3/34

In: -3.151 $\pm$ 0.121 χ^2 /NDF:3453.3/20

Out: -3.058 $\pm$ 0.137 χ^2 /NDF:4749.4/22

All: -3.110 $\pm$ 0.091 χ^2 /NDF: 8202.9/43

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: 20.929 $\pm$ 0.131 χ^2 /NDF: 59.1/4

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.999 $\pm$ 0.107 χ^2 /NDF: 60.2/3

Left: 21.570 $\pm$ 0.083 χ^2 /NDF: 159.0/8

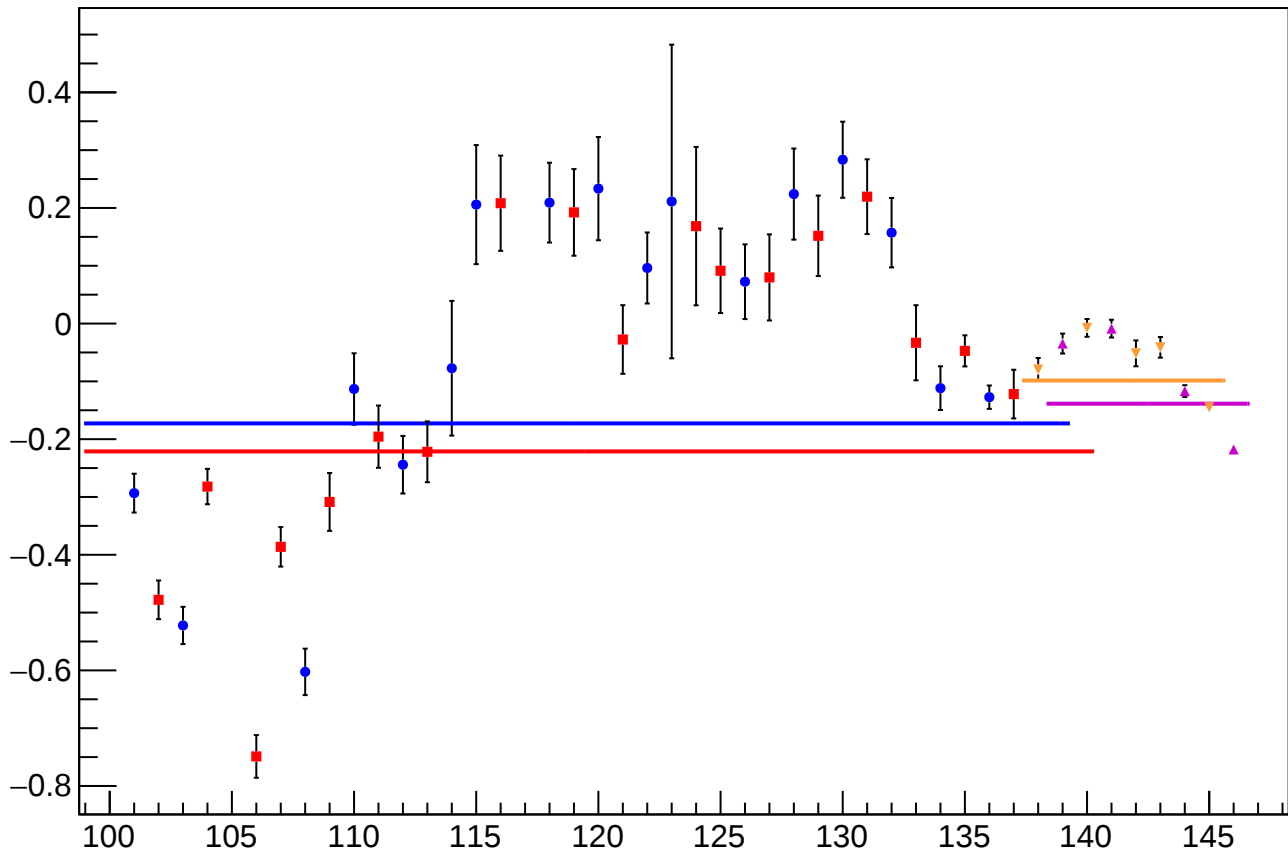
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.782 $\pm$ 0.096 χ^2 /NDF: 1302.7/20

Out: 20.863 $\pm$ 0.112 χ^2 /NDF: 786.9/22

All: 21.394 $\pm$ 0.073 χ^2 /NDF: 2128.6/43

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: -0.099 ± 0.006 χ^2/NDF : 83.3/4

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.139 ± 0.006 χ^2/NDF : 200.4/3

Left: -0.120 ± 0.004 χ^2/NDF : 307.0/8

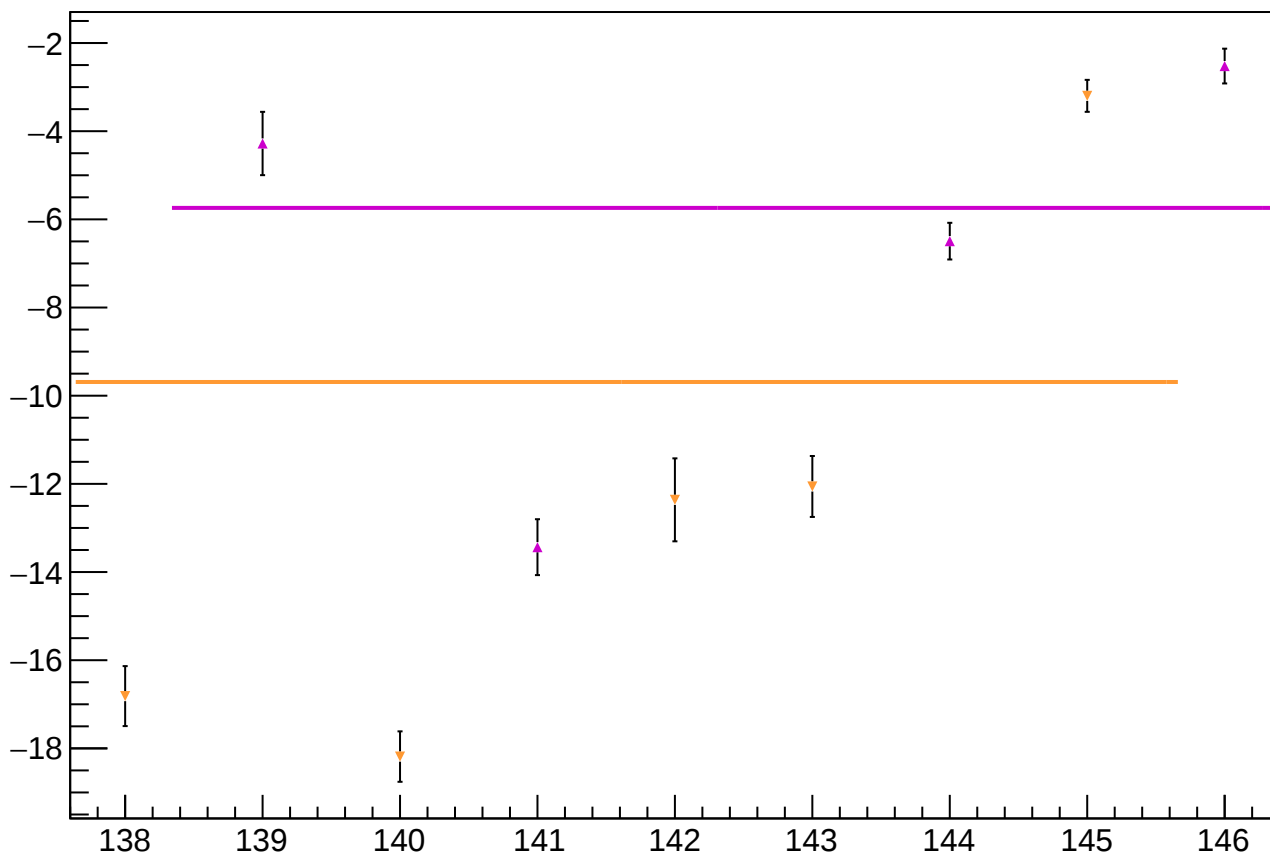
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.146 ± 0.005 χ^2/NDF : 668.2/20

Out: -0.127 ± 0.005 χ^2/NDF : 714.2/22

All: -0.137 ± 0.004 χ^2/NDF : 1388.6/43

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: -9.689+/-0.250 χ^2/NDF : 670.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.740+/-0.245 χ^2/NDF : 221.3/3

Left: -7.679+/-0.175 χ^2/NDF : 1019.2/8

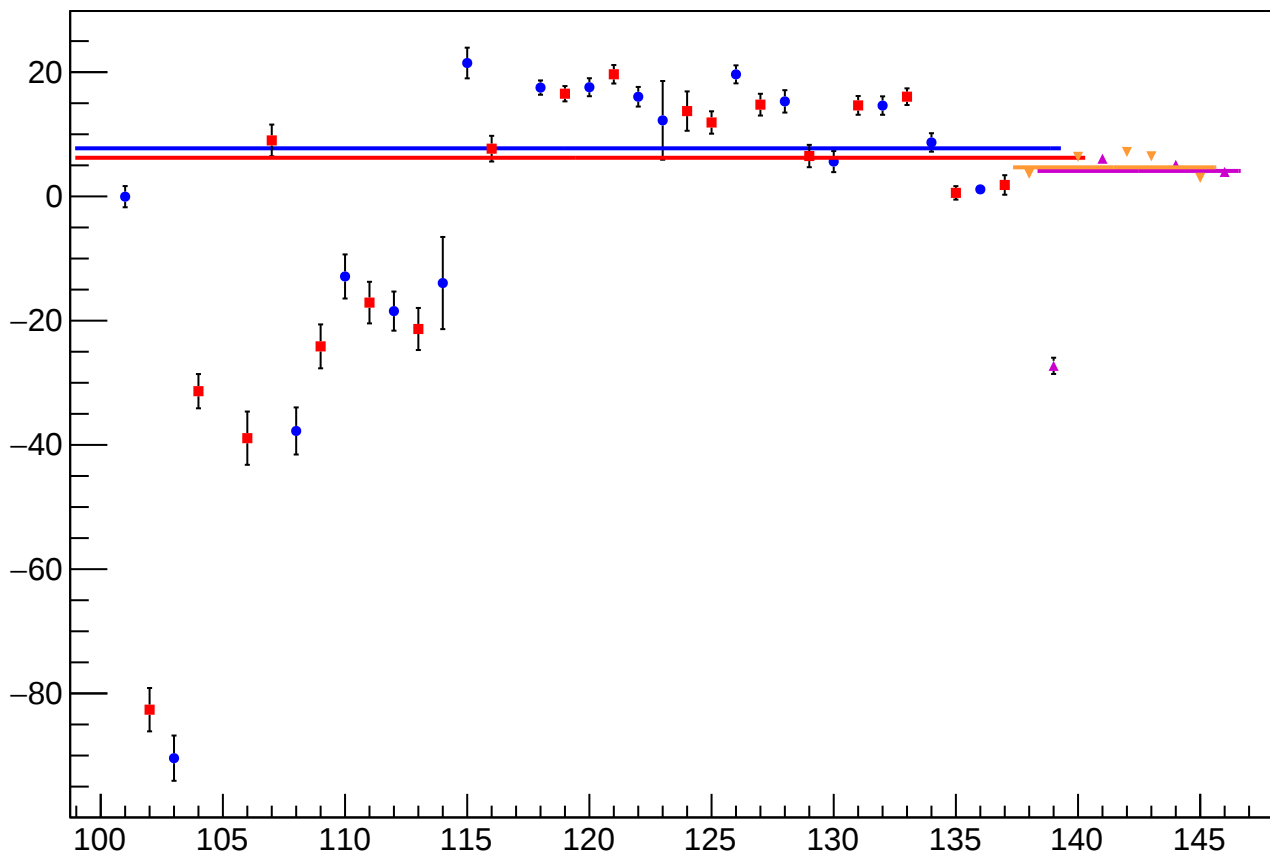
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.740+/-0.245 χ^2/NDF : 221.3/3

Out: -9.689+/-0.250 χ^2/NDF : 670.5/4

All: -7.679+/-0.175 χ^2/NDF : 1019.2/8

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: 4.683 ± 0.195 χ^2/NDF : 81.9/4

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 4.102 ± 0.175 χ^2/NDF : 606.7/3

Left: 4.362 ± 0.130 χ^2/NDF : 693.4/8

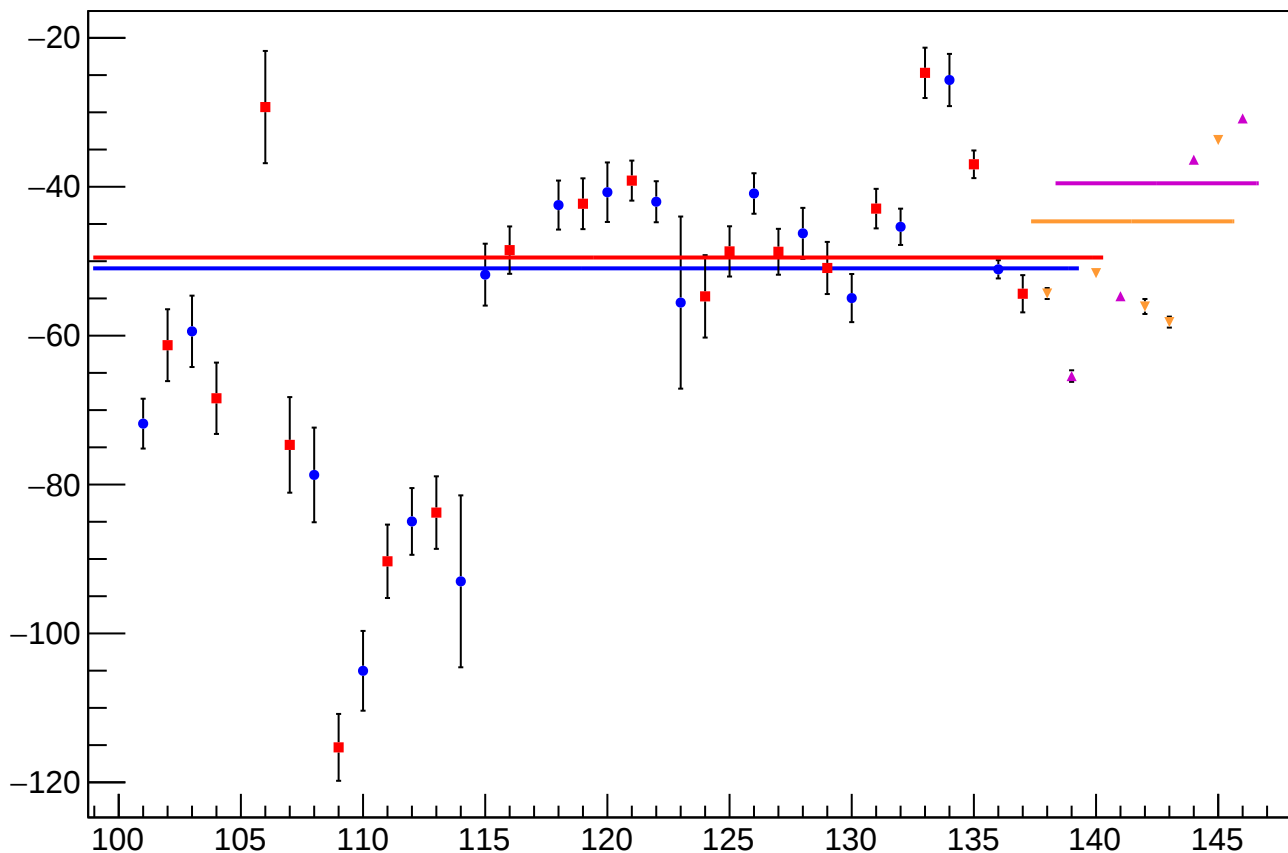
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 4.679 ± 0.160 χ^2/NDF : 2034.2/20

Out: 4.941 ± 0.178 χ^2/NDF : 1538.2/22

All: 4.797 ± 0.119 χ^2/NDF : 3573.6/43

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: -44.647 ± 0.267 χ^2/NDF : 1564.5/4

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -39.534 ± 0.251 χ^2/NDF : 2195.6/3

Left: -41.937 ± 0.183 χ^2/NDF : 3954.4/8

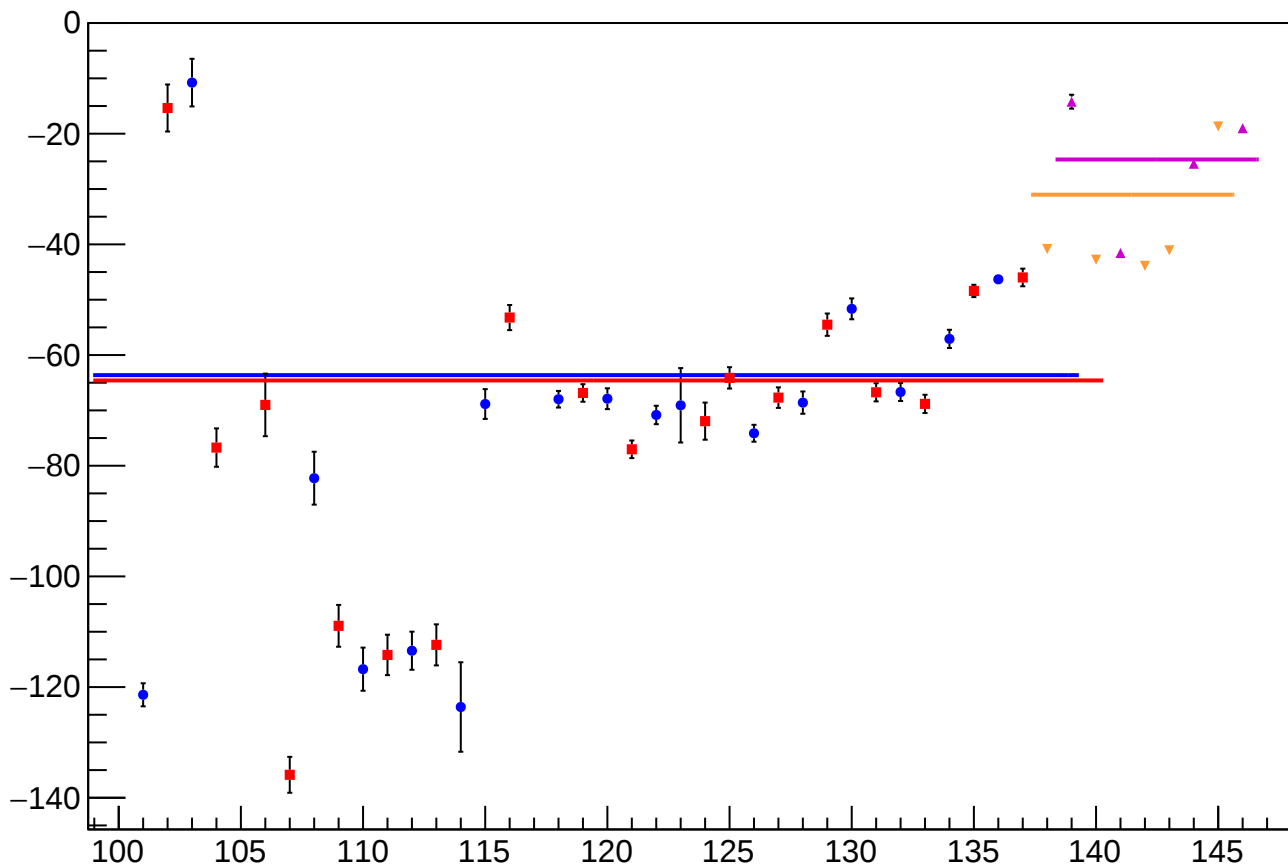
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -40.721 ± 0.238 χ^2/NDF : 2742.0/20

Out: -45.136 ± 0.253 χ^2/NDF : 2104.2/22

All: -42.792 ± 0.173 χ^2/NDF : 5007.6/43

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: -31.021 ± 0.230 χ^2/NDF : 2600.6/4

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -24.662 ± 0.212 χ^2/NDF : 1368.1/3

Left: -27.588 ± 0.156 χ^2/NDF : 4381.9/8

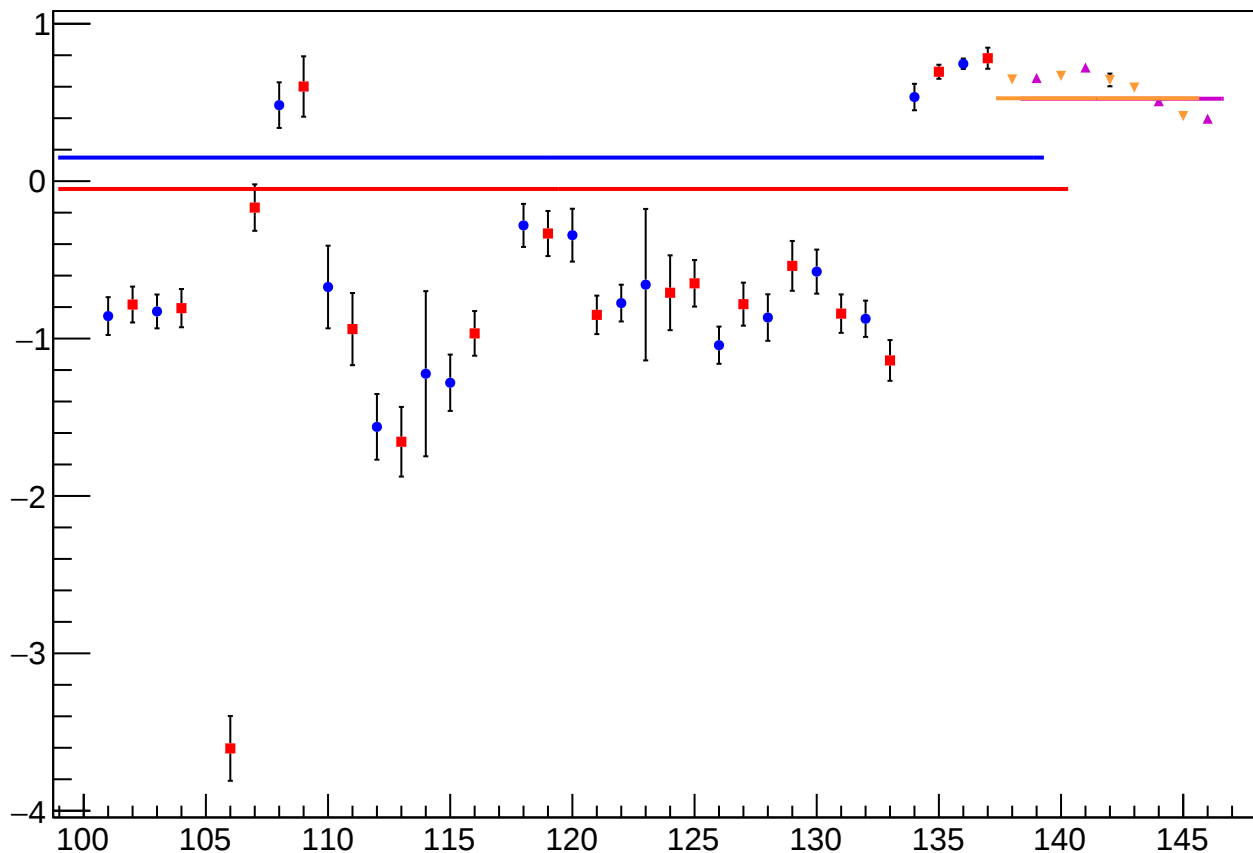
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -31.861 ± 0.192 χ^2/NDF : 9607.7/20

Out: -37.238 ± 0.207 χ^2/NDF : 8144.4/22

All: -34.336 ± 0.141 χ^2/NDF : 18114.4/43

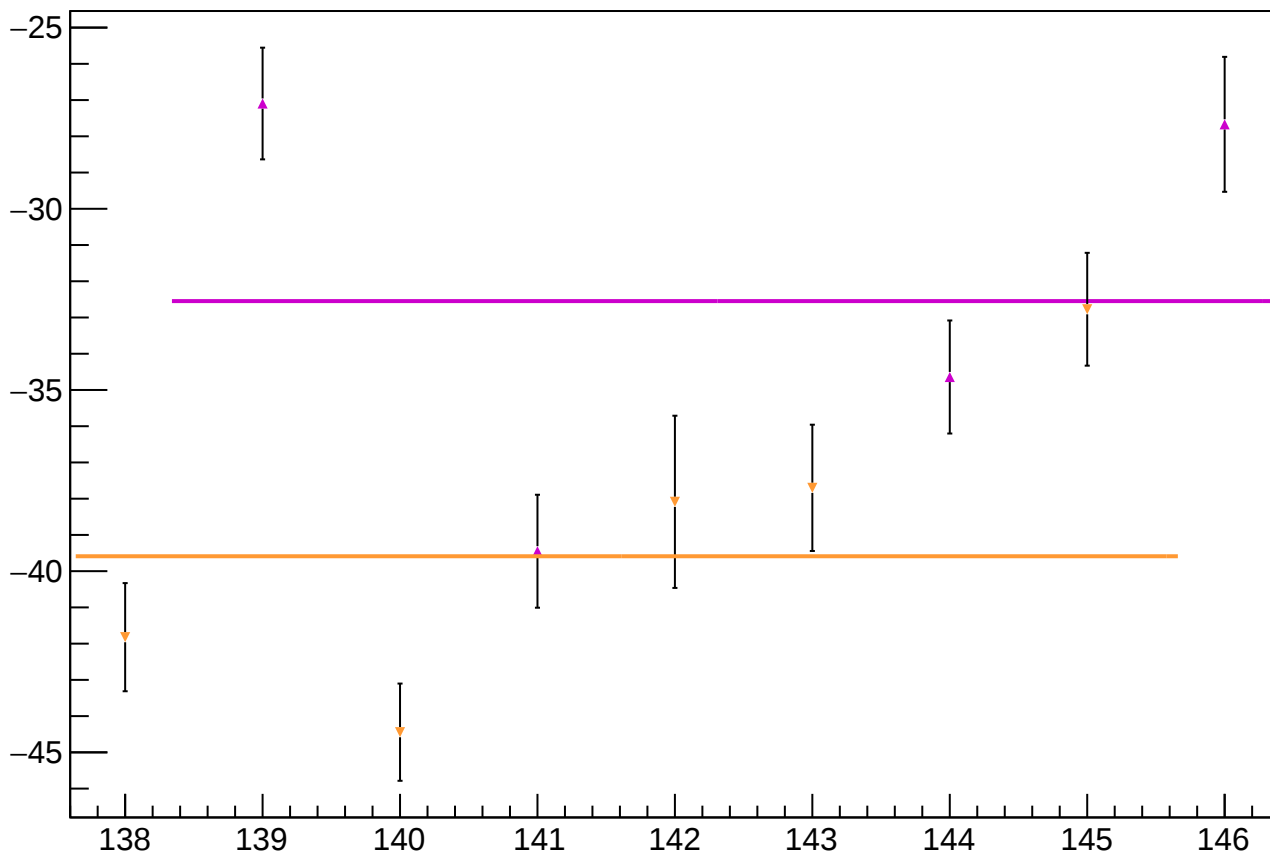
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150+/-0.024 χ^2/NDF : 989.2/16
 Left Out: 0.527+/-0.011 χ^2/NDF : 114.2/4
 Right Out: -0.050+/-0.026 χ^2/NDF : 1154.0/17
 Left In: 0.524+/-0.011 χ^2/NDF : 126.8/3

Left: 0.525+/-0.008 χ^2/NDF : 241.1/8
 Right: 0.059+/-0.018 χ^2/NDF : 2174.6/34
 In: 0.460+/-0.010 χ^2/NDF : 1317.8/20
 Out: 0.444+/-0.010 χ^2/NDF : 1681.3/22
 All: 0.452+/-0.007 χ^2/NDF : 3000.6/43

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: -39.589+/-0.721 χ^2/NDF :36.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.547+/-0.808 χ^2/NDF :40.8/3

Left: -36.467+/-0.538 χ^2/NDF : 119.2/8

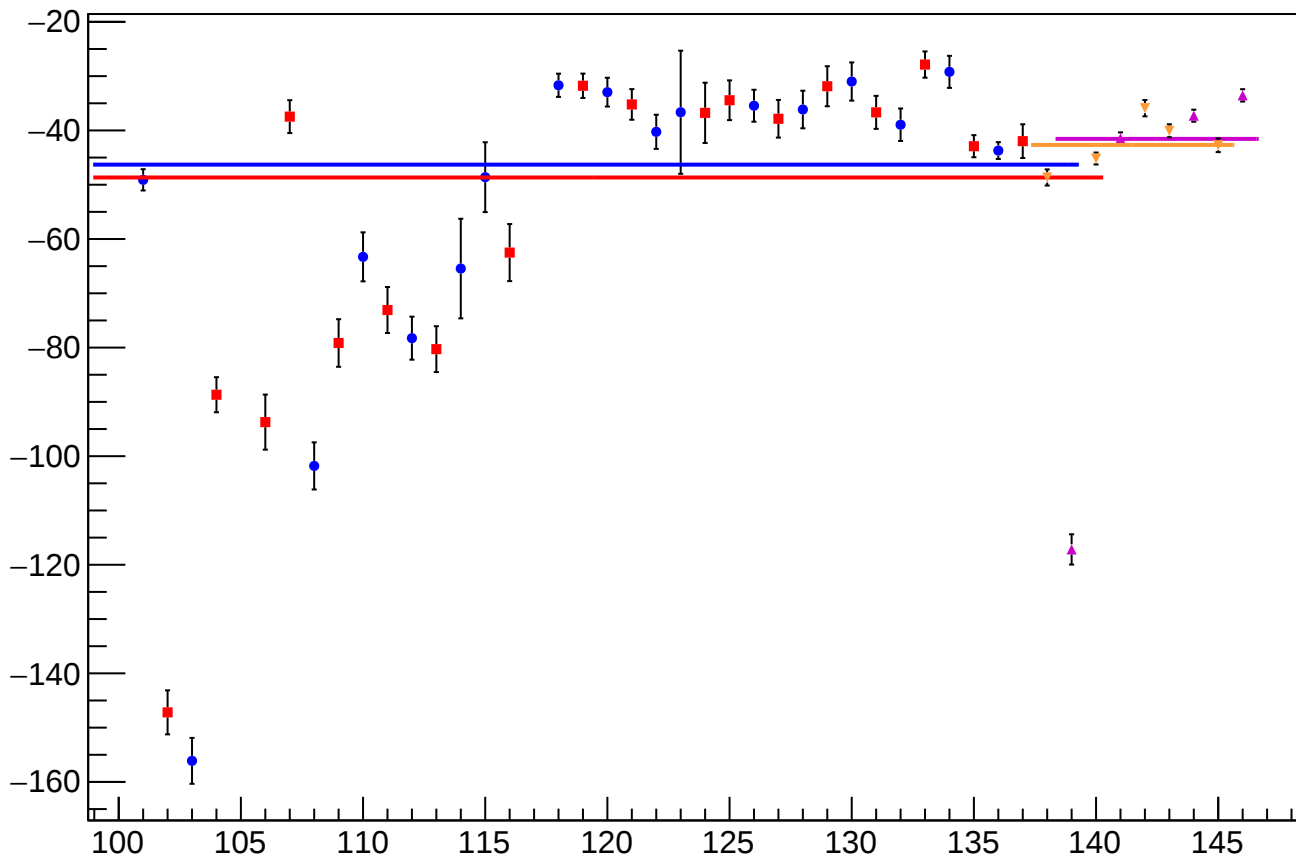
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.547+/-0.808 χ^2/NDF :40.8/3

Out: -39.589+/-0.721 χ^2/NDF :36.1/4

All: -36.467+/-0.538 χ^2/NDF : 119.2/8

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -42.668 ± 0.572 χ^2/NDF : 46.6/4

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -41.557 ± 0.630 χ^2/NDF : 797.8/3

Left: -42.166 ± 0.424 χ^2/NDF : 846.1/8

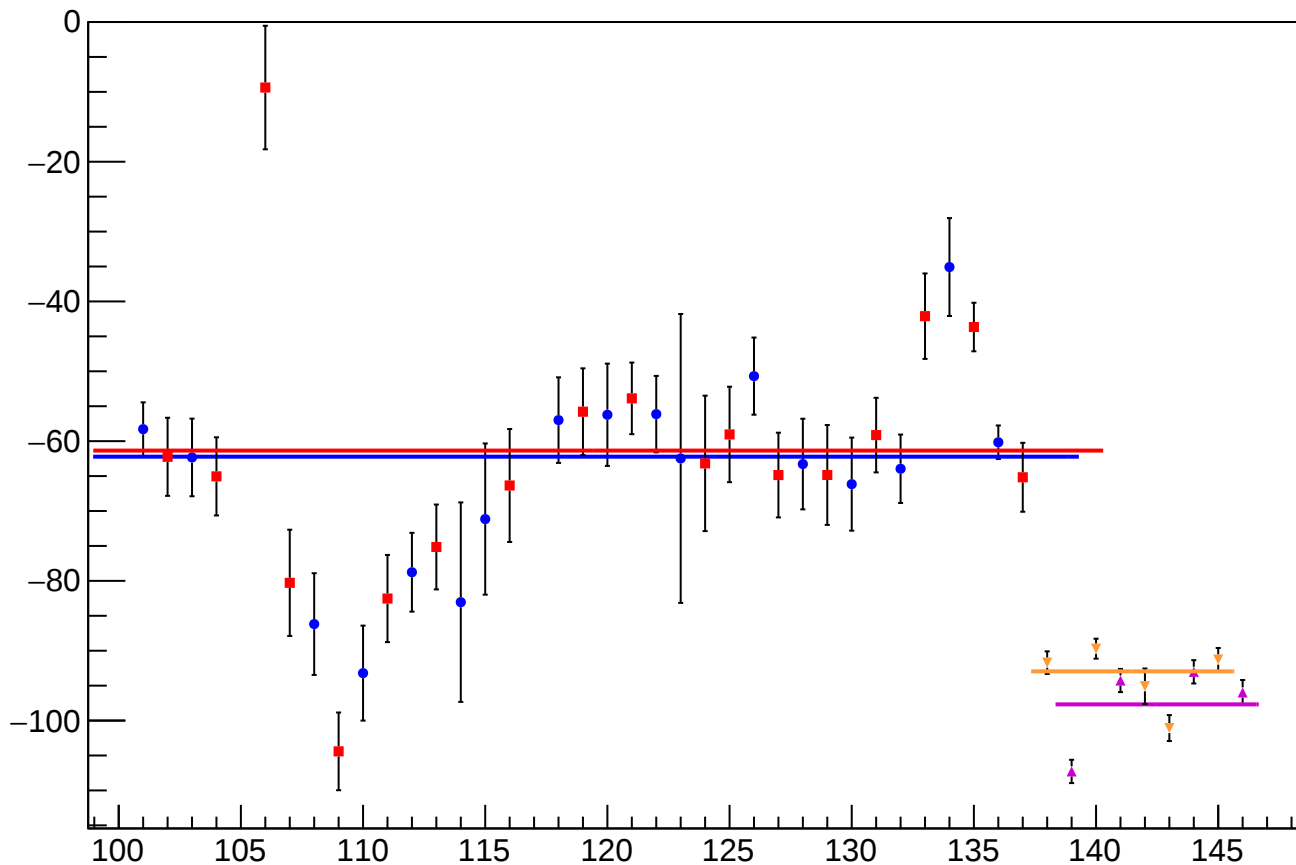
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -43.604 ± 0.475 χ^2/NDF : 1906.2/20

Out: -44.827 ± 0.458 χ^2/NDF : 1298.3/22

All: -44.238 ± 0.330 χ^2/NDF : 3208.0/43

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -92.953 ± 0.771 χ^2/NDF : 26.6/4

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -97.682 ± 0.846 χ^2/NDF : 46.1/3

Left: -95.098 ± 0.570 χ^2/NDF : 89.7/8

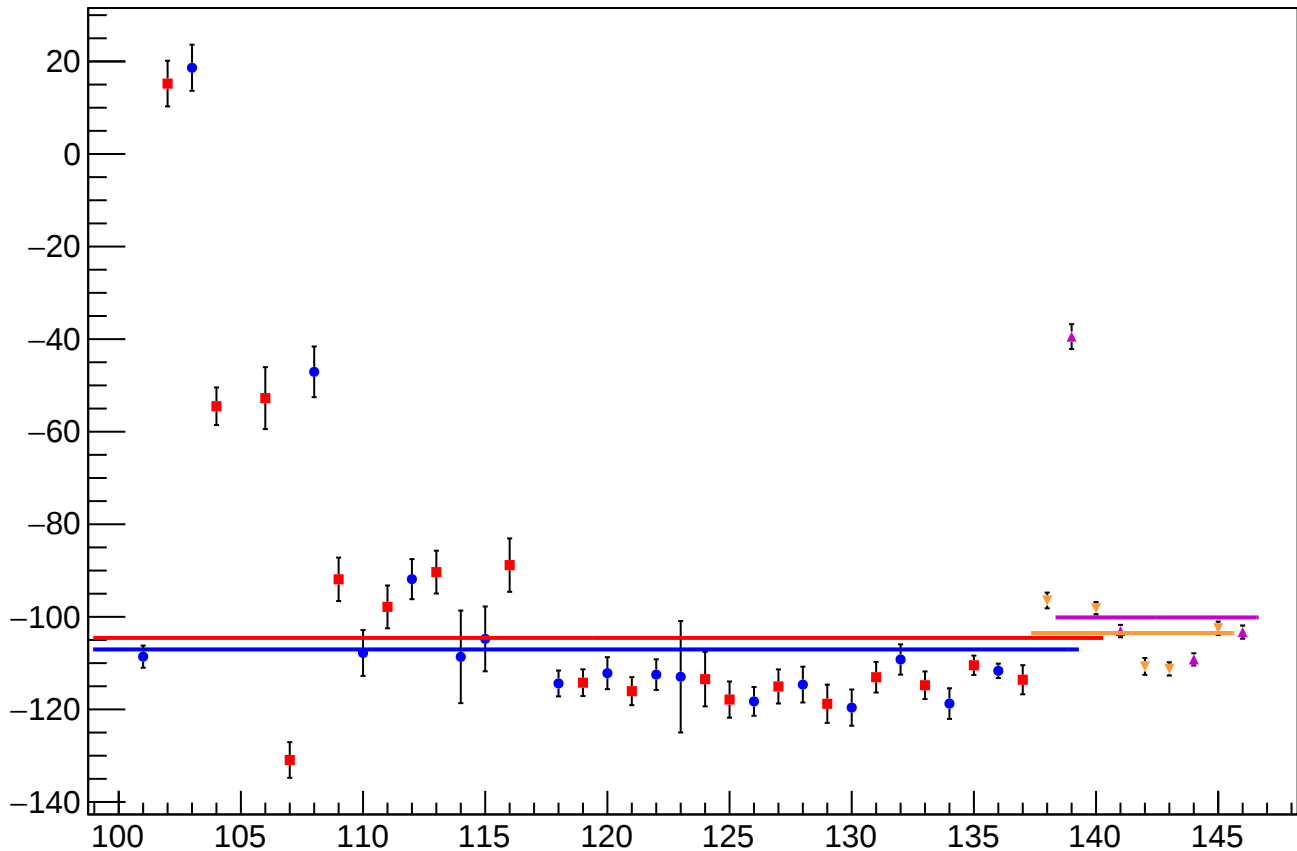
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -87.260 ± 0.711 χ^2/NDF : 629.5/20

Out: -85.455 ± 0.674 χ^2/NDF : 583.4/22

All: -86.309 ± 0.489 χ^2/NDF : 1216.2/43

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: -103.486 ± 0.678 χ^2/NDF : 78.8/4

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -100.125 ± 0.754 χ^2/NDF : 565.9/3

Left: -101.982 ± 0.504 χ^2/NDF : 655.7/8

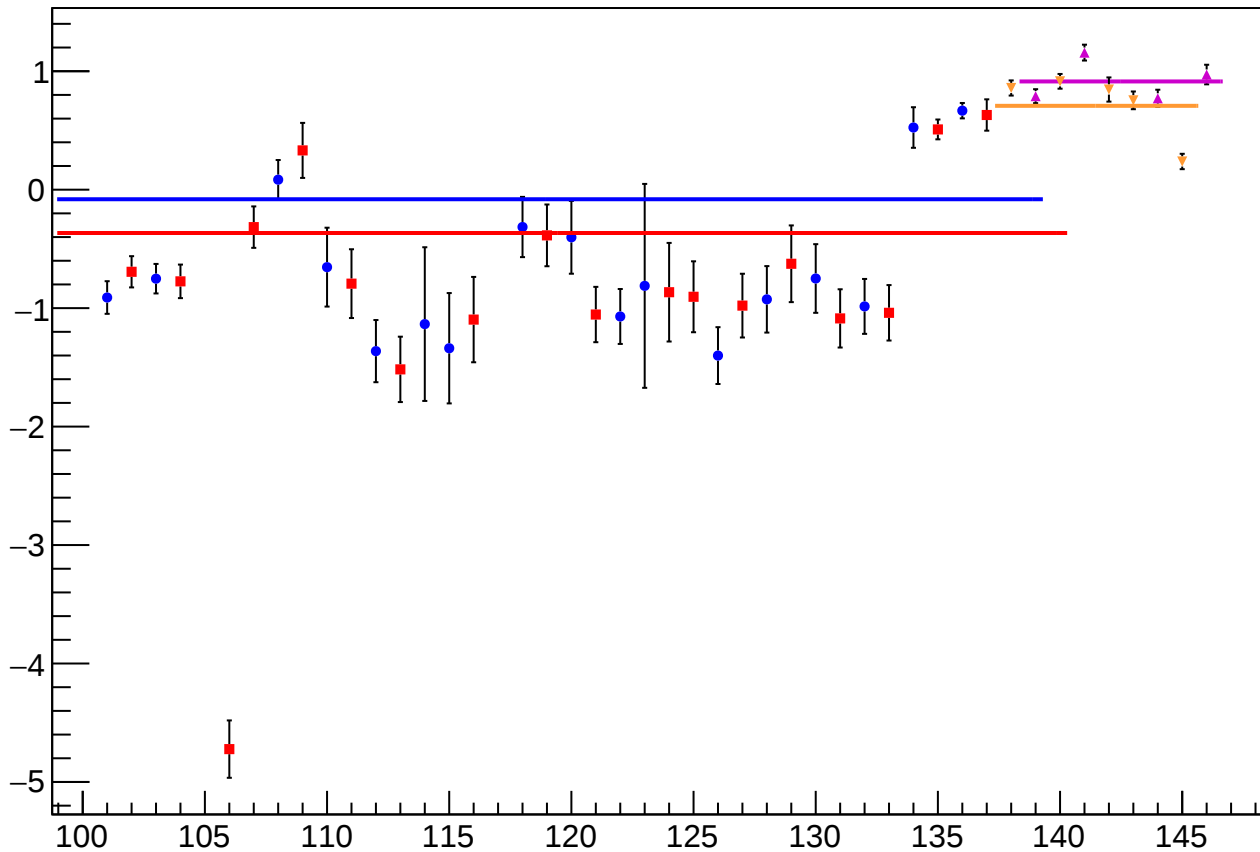
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -103.326 ± 0.553 χ^2/NDF : 1432.7/20

Out: -103.894 ± 0.533 χ^2/NDF : 1047.2/22

All: -103.620 ± 0.384 χ^2/NDF : 2480.4/43

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: 0.708 ± 0.031 χ^2/NDF : 71.3/4

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.914 ± 0.034 χ^2/NDF : 22.0/3

Left: 0.801 ± 0.023 χ^2/NDF : 112.9/8

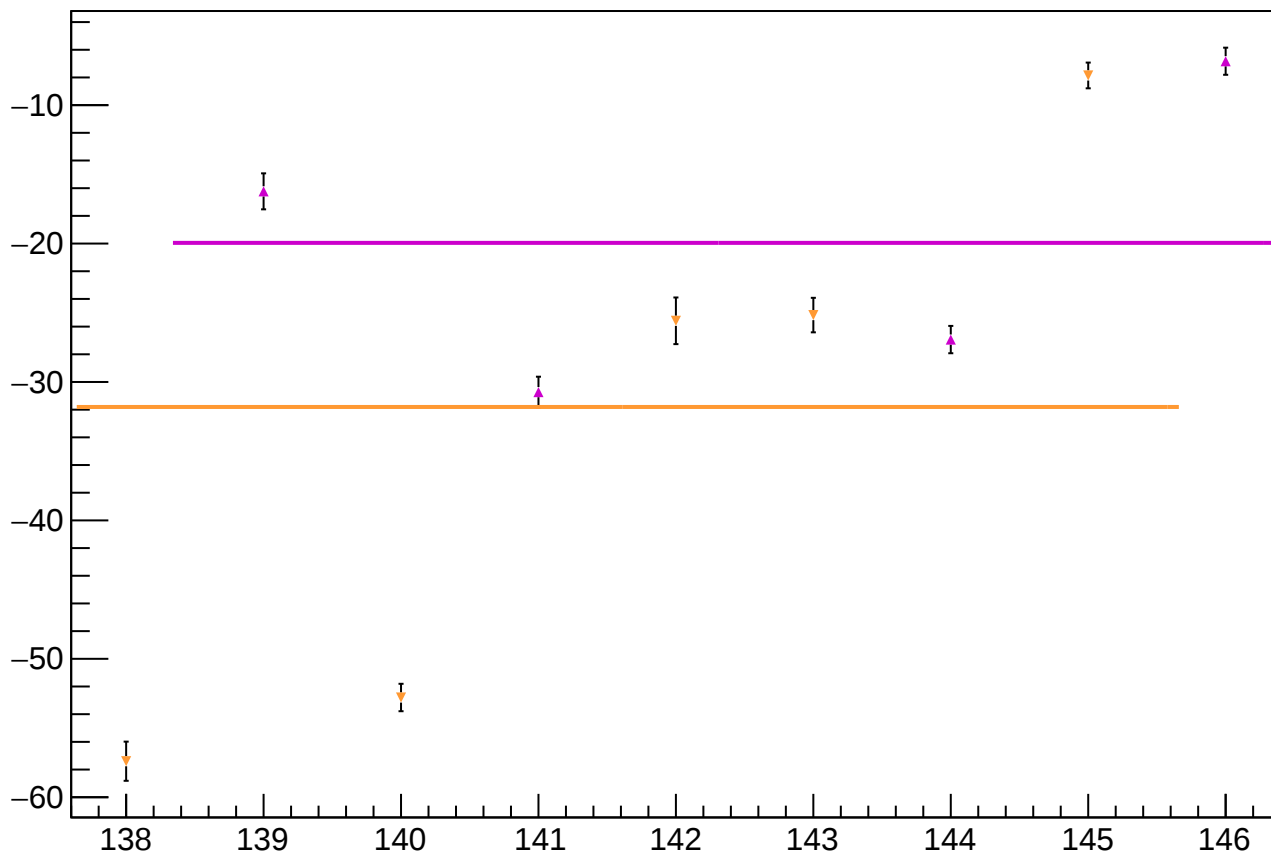
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.517 ± 0.027 χ^2/NDF : 684.8/20

Out: 0.346 ± 0.026 χ^2/NDF : 1038.7/22

All: 0.428 ± 0.018 χ^2/NDF : 1744.9/43

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: -31.806+/-0.522 χ^2/NDF :1482.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.950+/-0.537 χ^2/NDF :331.6/3

Left: -26.049+/-0.374 χ^2/NDF : 2065.0/8

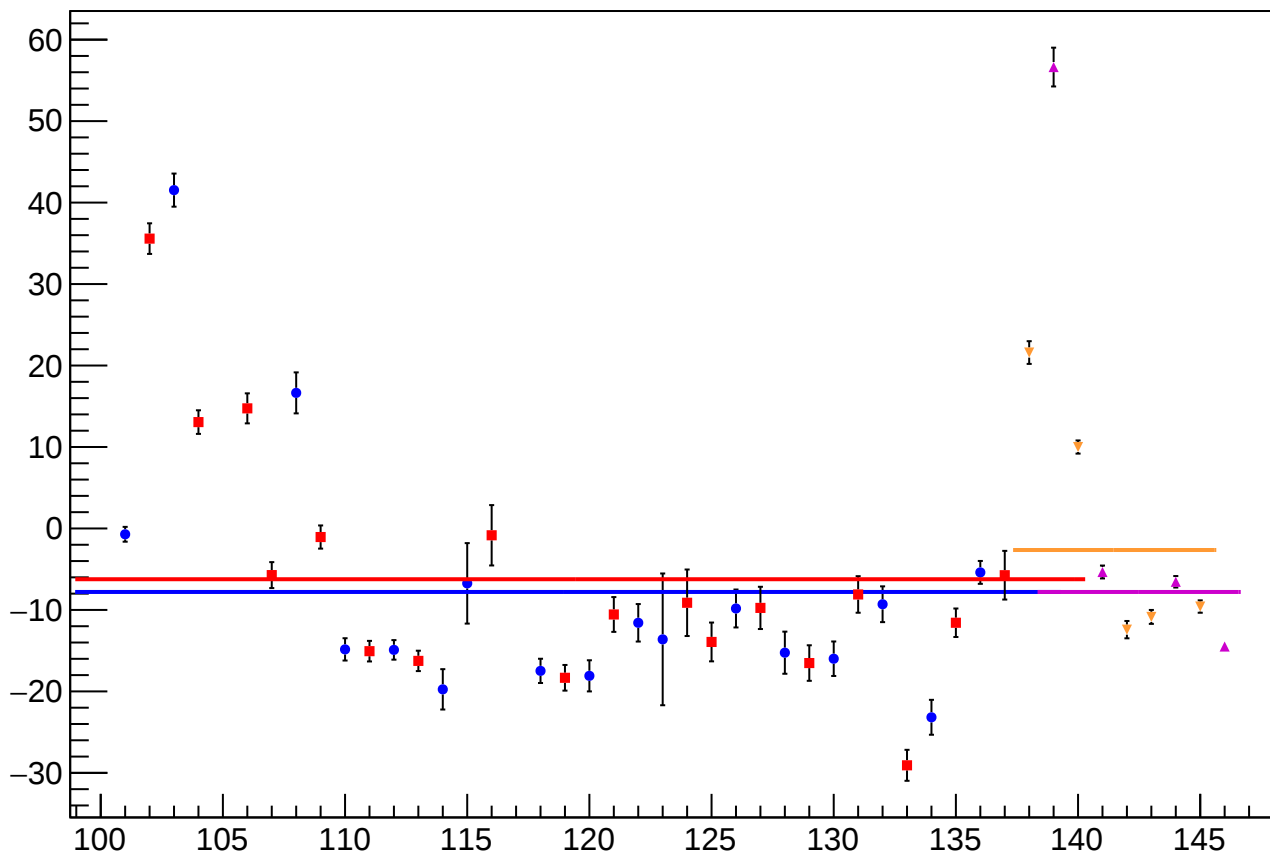
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.950+/-0.537 χ^2/NDF :331.6/3

Out: -31.806+/-0.522 χ^2/NDF :1482.8/4

All: -26.049+/-0.374 χ^2/NDF : 2065.0/8

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$

Left Out: -2.644 ± 0.408 $\chi^2/\text{NDF}: 806.5/4$

Right Out: -6.231 ± 0.430 $\chi^2/\text{NDF}: 1183.0/17$

Left In: -7.795 ± 0.394 $\chi^2/\text{NDF}: 864.4/3$

Left: -5.307 ± 0.283 $\chi^2/\text{NDF}: 1753.5/8$

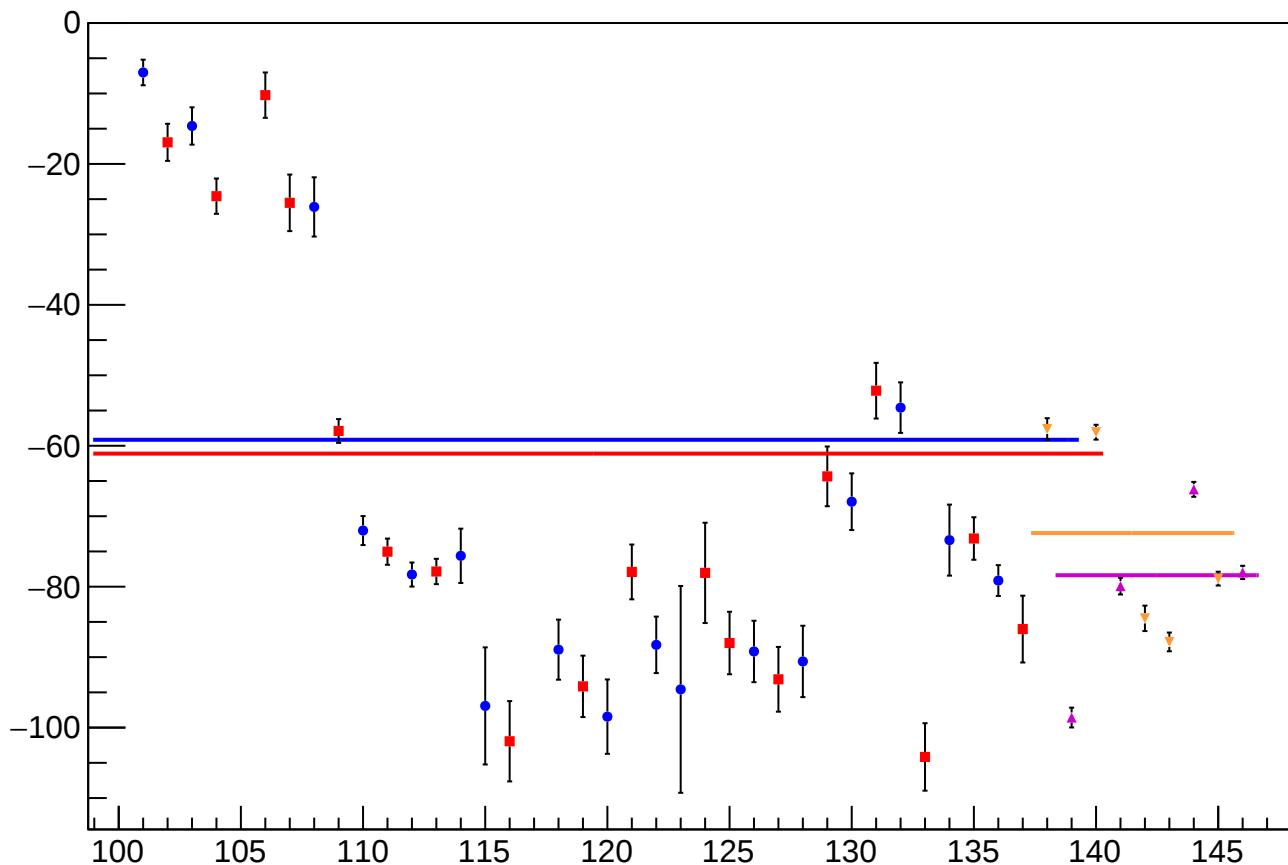
Right: -7.016 ± 0.303 $\chi^2/\text{NDF}: 2172.3/34$

In: -7.795 ± 0.290 $\chi^2/\text{NDF}: 1847.1/20$

Out: -4.343 ± 0.296 $\chi^2/\text{NDF}: 2026.2/22$

All: -6.103 ± 0.207 $\chi^2/\text{NDF}: 3942.8/43$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -72.389 $\pm$ 0.556 χ^2 /NDF: 500.4/4

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -78.376 $\pm$ 0.555 χ^2 /NDF: 341.6/3

Left: -75.389 $\pm$ 0.393 χ^2 /NDF: 900.0/8

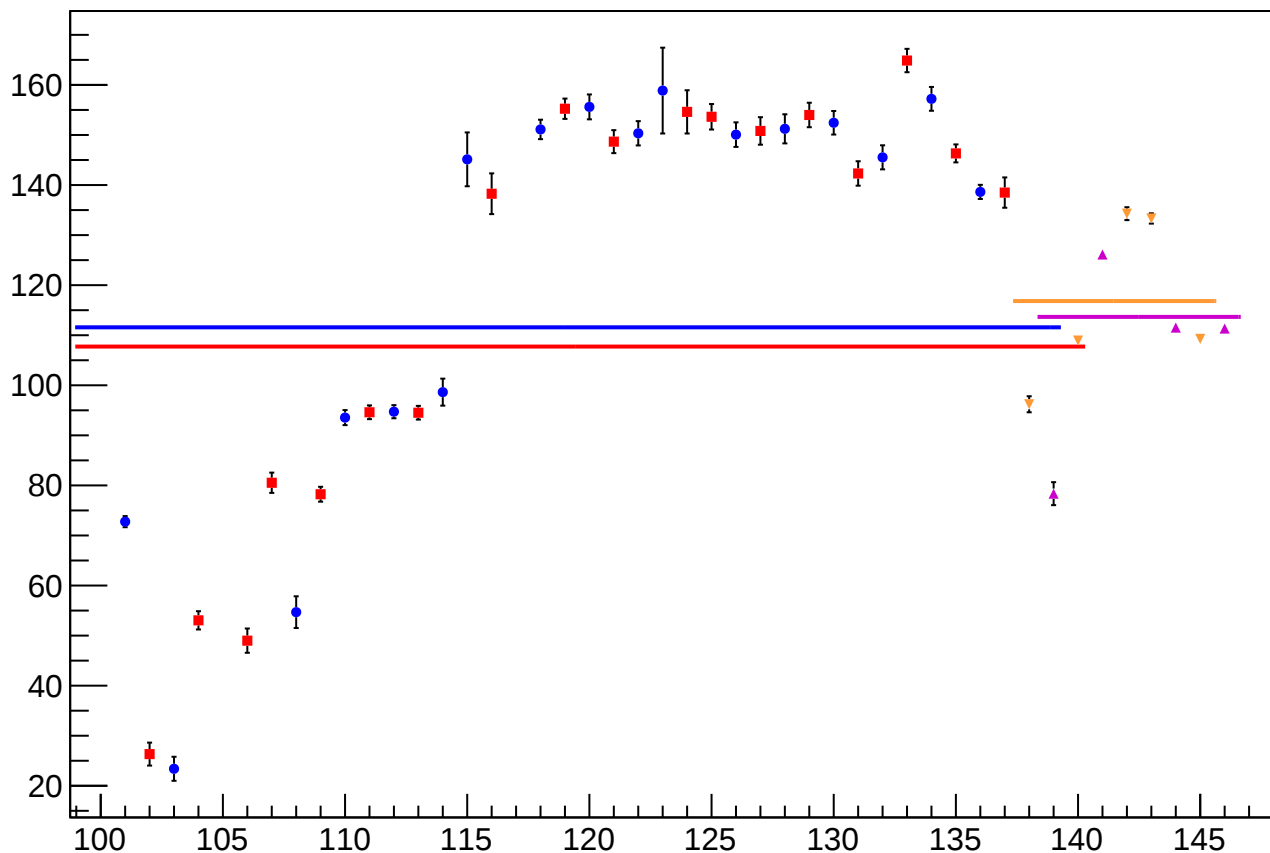
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -71.515 $\pm$ 0.445 χ^2 /NDF: 2488.0/20

Out: -68.083 $\pm$ 0.437 χ^2 /NDF: 1975.1/22

All: -69.768 $\pm$ 0.312 χ^2 /NDF: 4493.3/43

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580+/-0.487 χ^2/NDF : 5946.0/16

Left Out: 116.825+/-0.483 χ^2/NDF : 746.3/4

Right Out: 107.735+/-0.489 χ^2/NDF : 6836.2/17

Left In: 113.663+/-0.476 χ^2/NDF : 423.5/3

Left: 115.220+/-0.339 χ^2/NDF : 1191.5/8

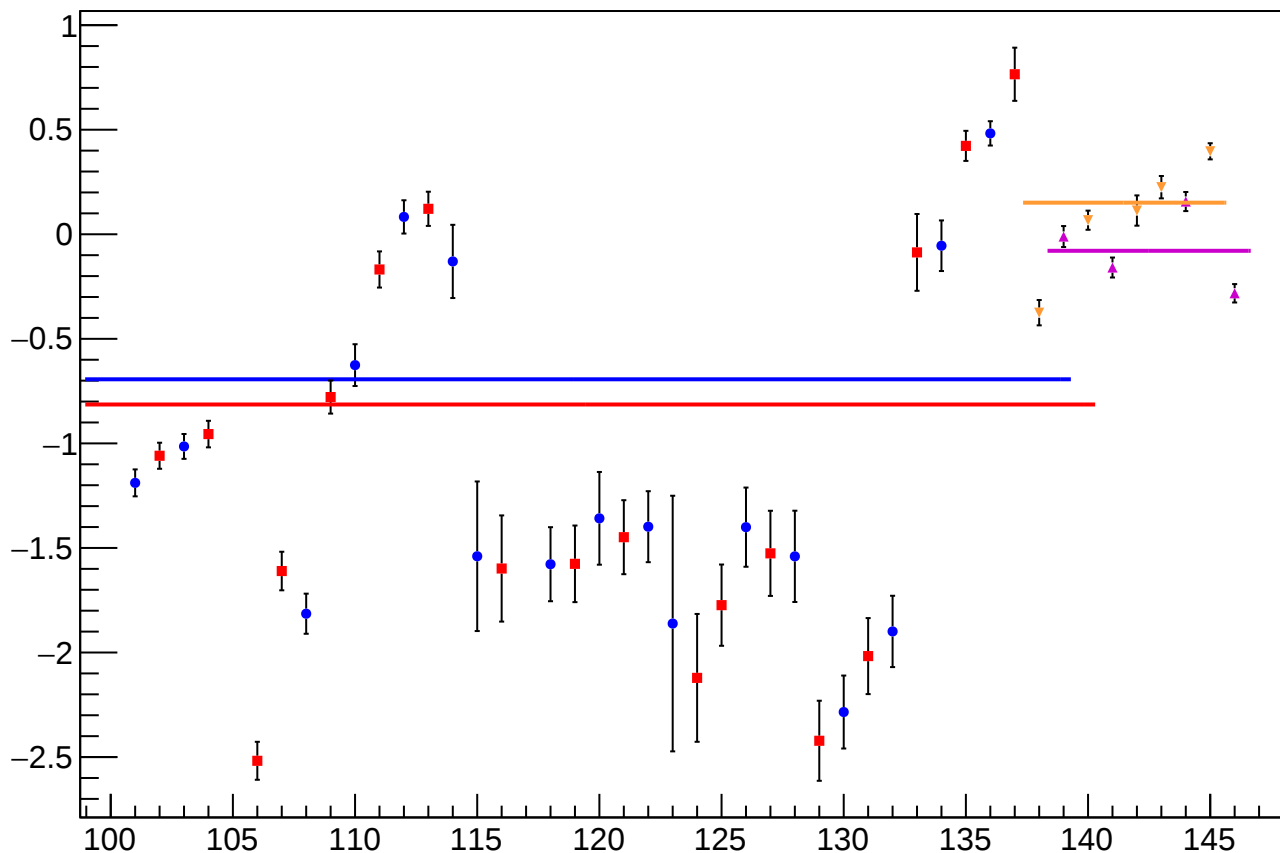
Right: 109.661+/-0.345 χ^2/NDF : 12813.2/34

In: 112.647+/-0.340 χ^2/NDF : 6378.8/20

Out: 112.333+/-0.343 χ^2/NDF : 7757.5/22

All: 112.492+/-0.242 χ^2/NDF : 14136.7/43

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: 0.151 ± 0.023 χ^2/NDF : 121.4/4

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.079 ± 0.023 χ^2/NDF : 52.6/3

Left: 0.040 ± 0.016 χ^2/NDF : 224.2/8

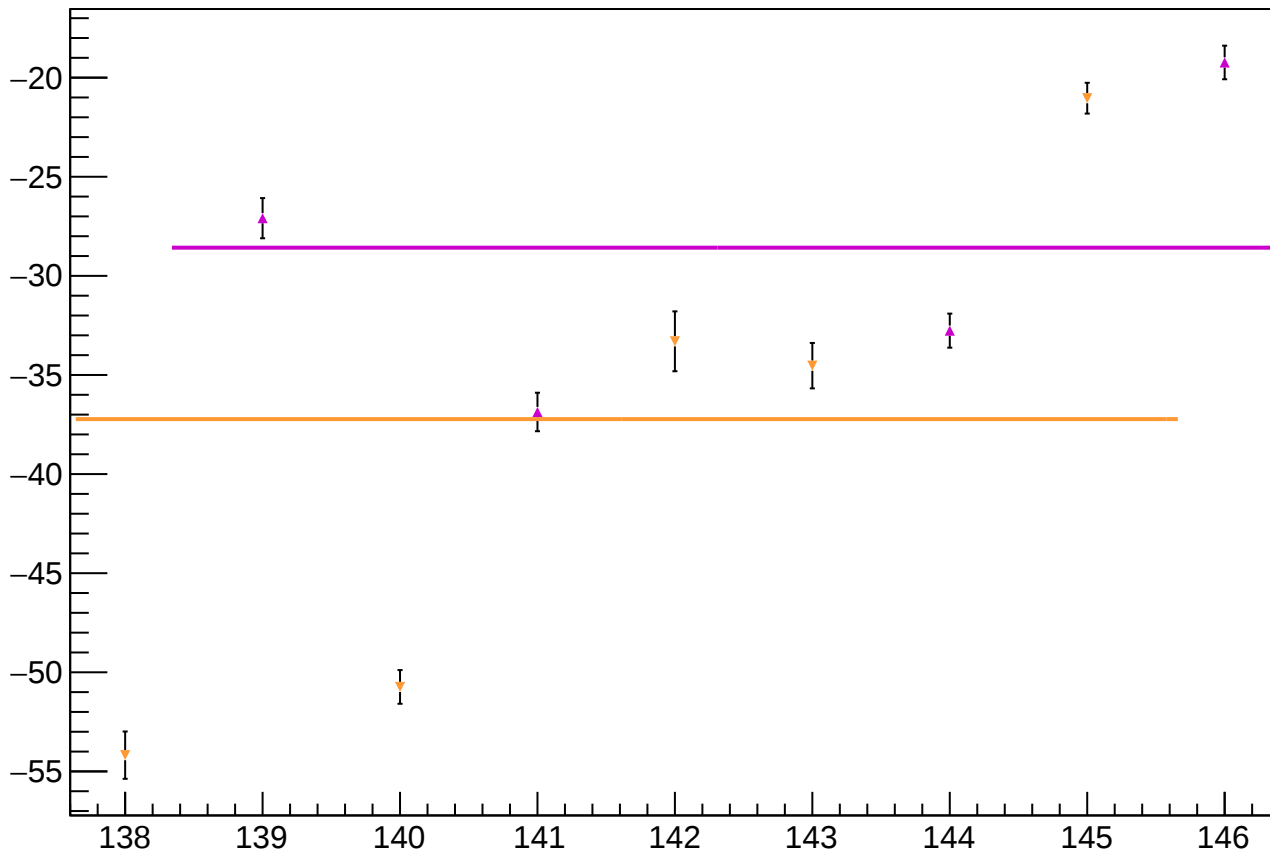
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.356 ± 0.017 χ^2/NDF : 1354.8/20

Out: -0.293 ± 0.017 χ^2/NDF : 2269.7/22

All: -0.323 ± 0.012 χ^2/NDF : 3631.4/43

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: -37.226+/-0.450 χ^2/NDF : 901.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.577+/-0.457 χ^2/NDF : 220.4/3

Left: -32.973+/-0.321 χ^2/NDF : 1303.4/8

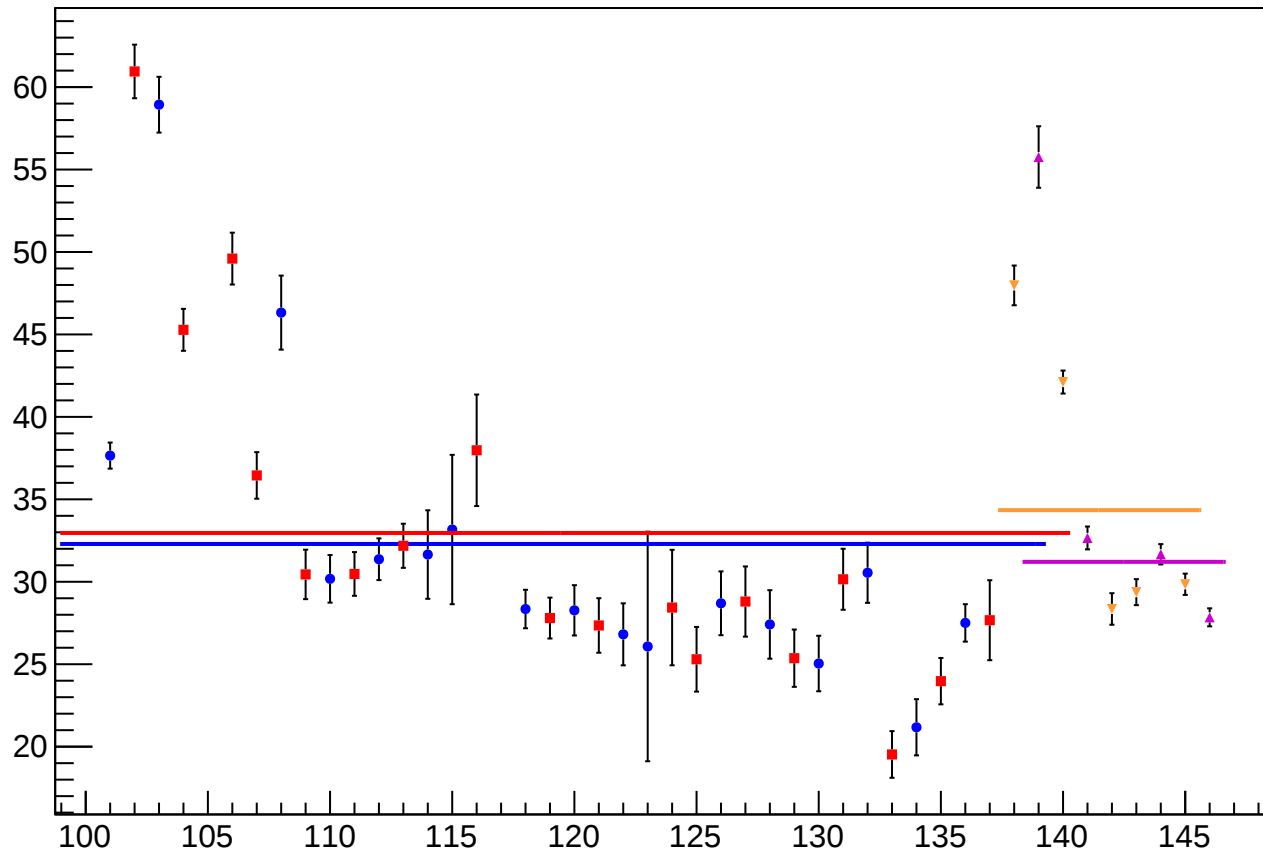
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.577+/-0.457 χ^2/NDF : 220.4/3

Out: -37.226+/-0.450 χ^2/NDF : 901.2/4

All: -32.973+/-0.321 χ^2/NDF : 1303.4/8

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: 34.344 ± 0.357 $\chi^2/\text{NDF}: 379.8/4$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 31.209 ± 0.346 $\chi^2/\text{NDF}: 216.2/3$

Left: 32.728 ± 0.248 $\chi^2/\text{NDF}: 635.7/8$

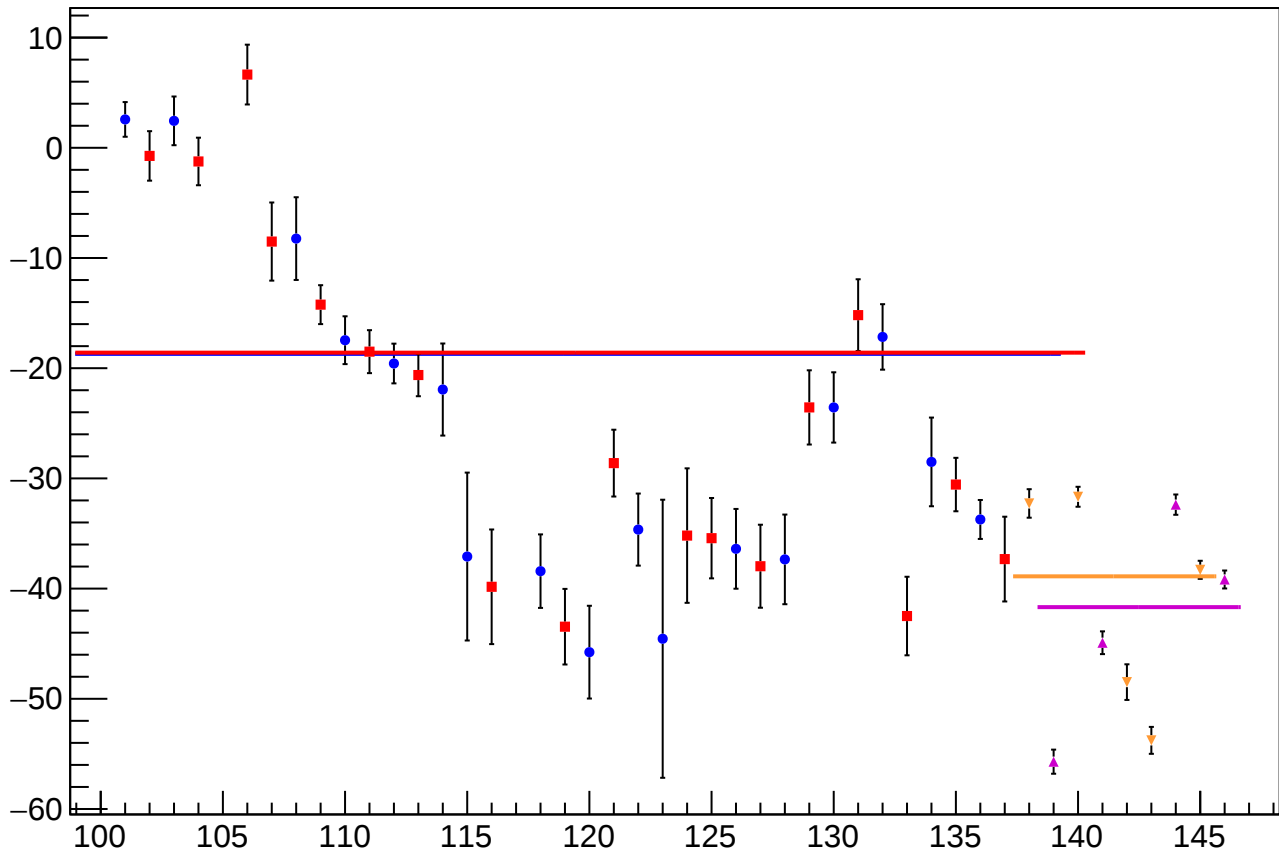
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.710 ± 0.254 $\chi^2/\text{NDF}: 673.3/20$

Out: 33.695 ± 0.260 $\chi^2/\text{NDF}: 1110.8/22$

All: 32.678 ± 0.182 $\chi^2/\text{NDF}: 1813.9/43$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -38.888 ± 0.479 χ^2/NDF : 273.8/4

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -41.682 ± 0.473 χ^2/NDF : 285.6/3

Left: -40.301 ± 0.337 χ^2/NDF : 576.7/8

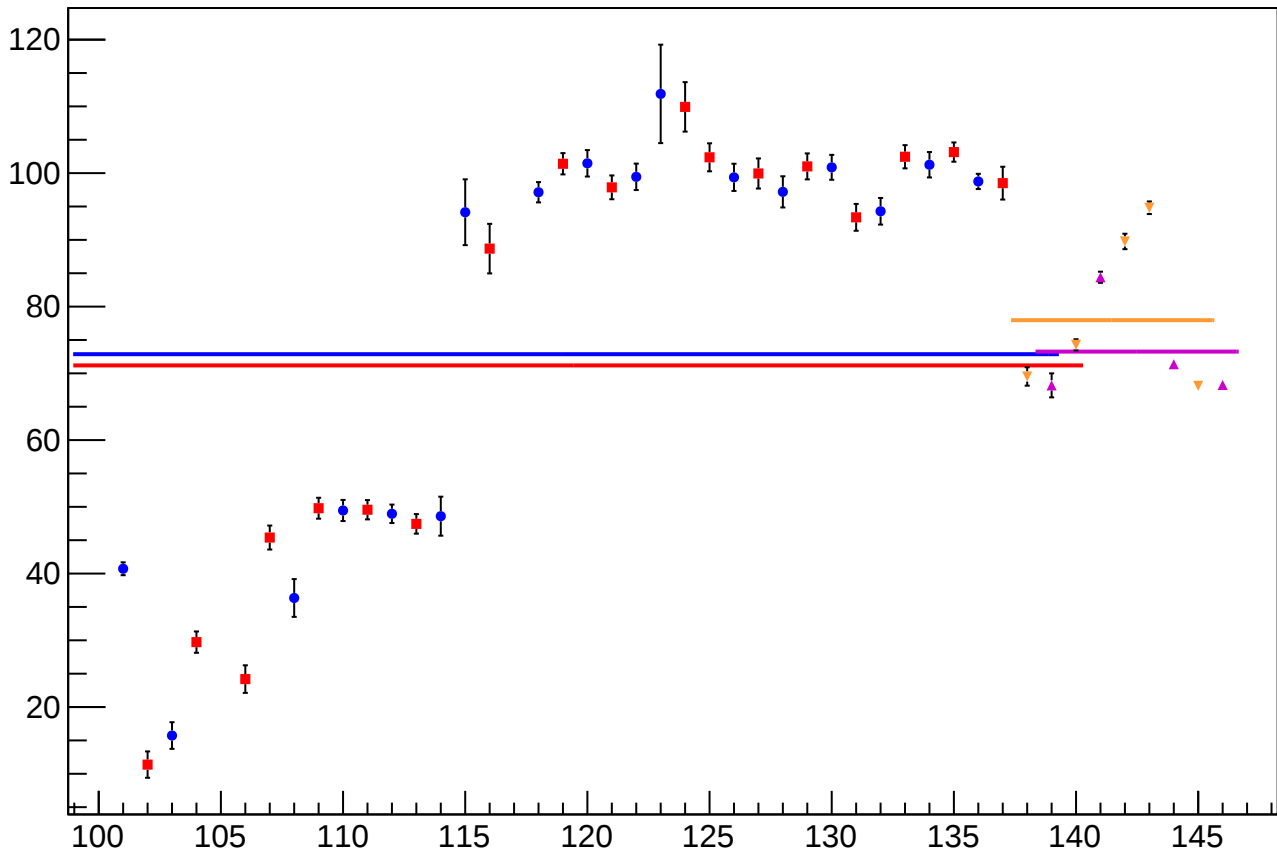
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -33.974 ± 0.386 χ^2/NDF : 1594.9/20

Out: -31.708 ± 0.385 χ^2/NDF : 1370.1/22

All: -32.838 ± 0.273 χ^2/NDF : 2982.3/43

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 77.964 $\pm$ 0.421 χ^2 /NDF:654.9/4

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 73.257 $\pm$ 0.414 χ^2 /NDF:248.3/3

Left: 75.571 $\pm$ 0.295 χ^2 /NDF: 966.6/8

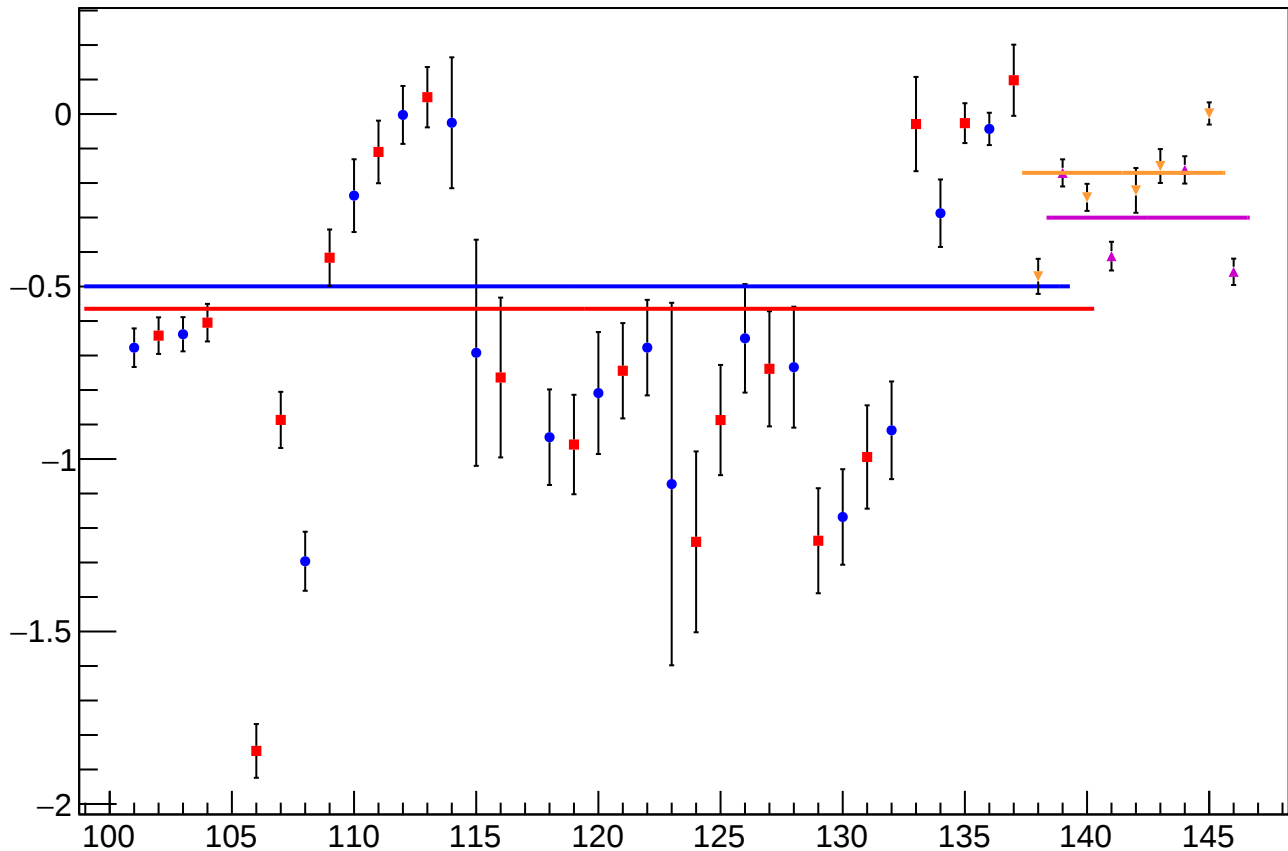
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 73.069 $\pm$ 0.297 χ^2 /NDF:4975.8/20

Out: 74.678 $\pm$ 0.302 χ^2 /NDF:6155.5/22

All: 73.860 $\pm$ 0.212 χ^2 /NDF: 11145.6/43

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: -0.170 ± 0.019 χ^2/NDF : 67.5/4

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.300 ± 0.020 χ^2/NDF : 47.2/3

Left: -0.234 ± 0.014 χ^2/NDF : 136.6/8

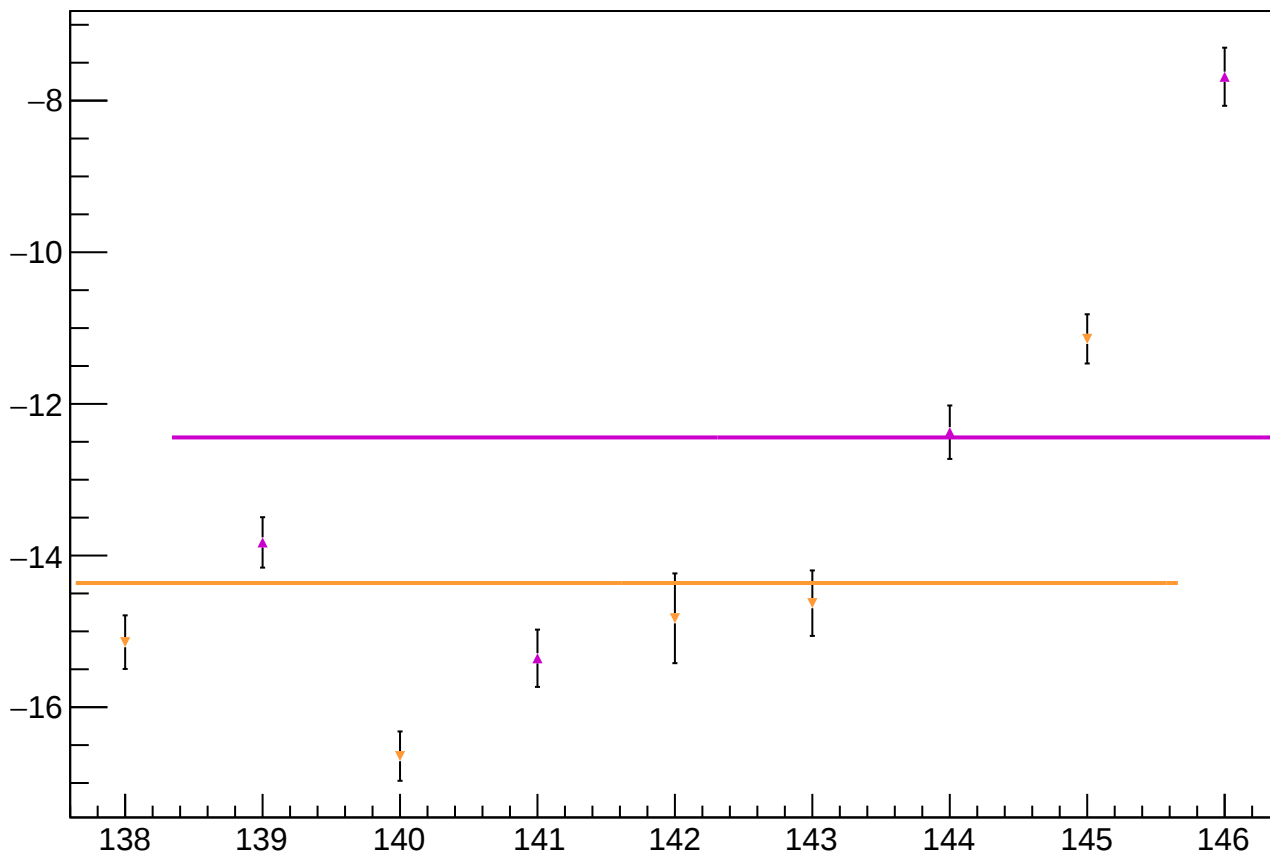
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.388 ± 0.015 χ^2/NDF : 394.3/20

Out: -0.347 ± 0.014 χ^2/NDF : 811.6/22

All: -0.367 ± 0.010 χ^2/NDF : 1209.9/43

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: -14.362+/-0.169 χ^2/NDF :153.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.442+/-0.180 χ^2/NDF :230.9/3

Left: -13.464+/-0.123 χ^2/NDF : 445.0/8

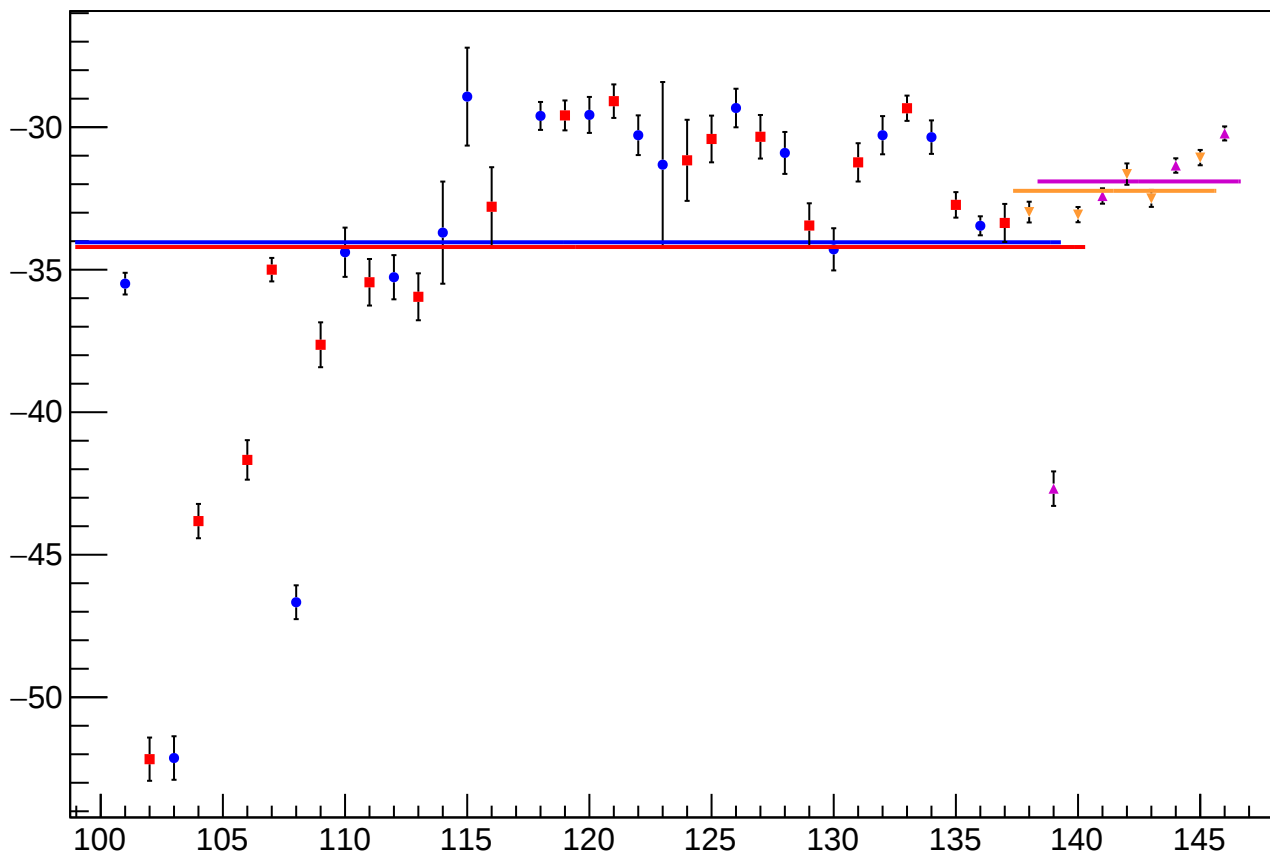
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.442+/-0.180 χ^2/NDF :230.9/3

Out: -14.362+/-0.169 χ^2/NDF :153.5/4

All: -13.464+/-0.123 χ^2/NDF : 445.0/8

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.233 ± 0.136 χ^2/NDF : 35.9/4

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -31.904 ± 0.144 χ^2/NDF : 372.0/3

Left: -32.077 ± 0.099 χ^2/NDF : 410.7/8

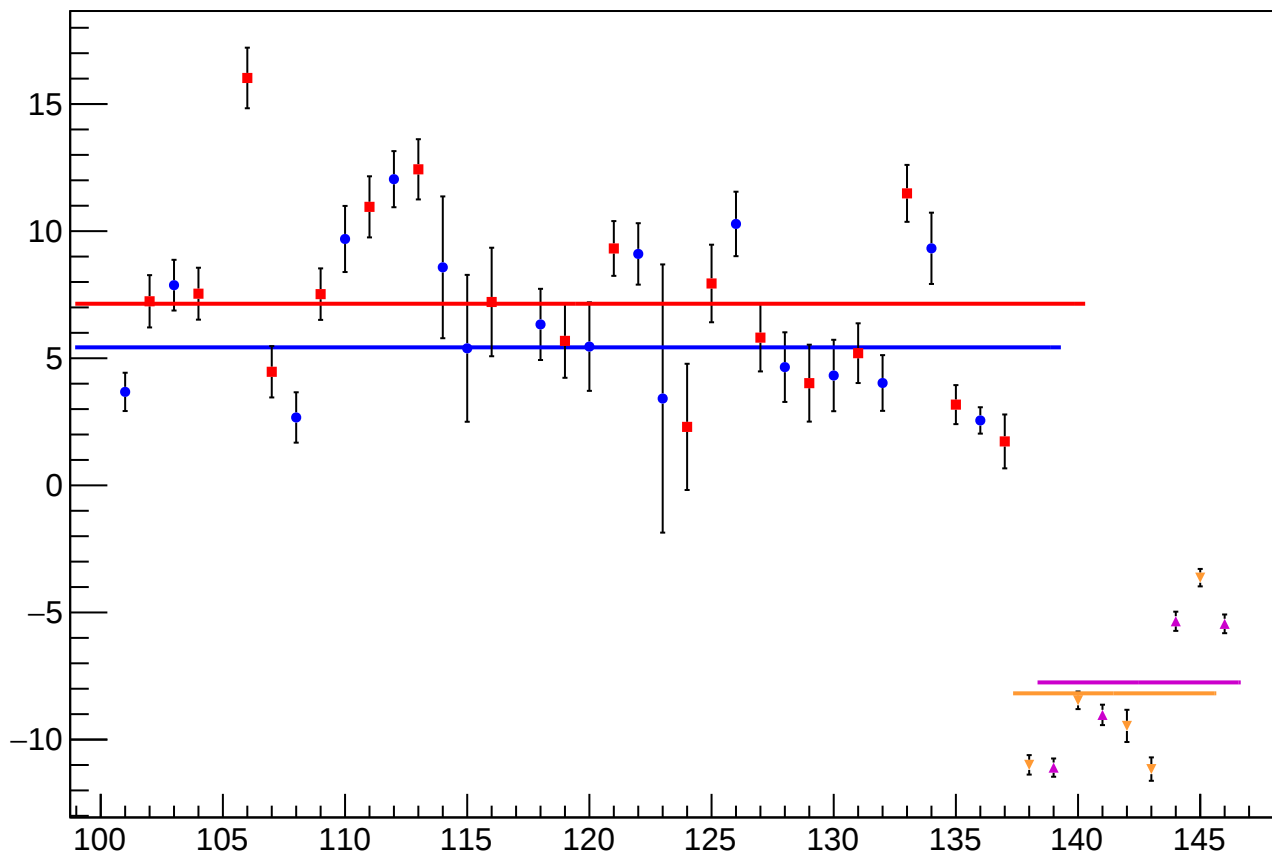
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -32.918 ± 0.104 χ^2/NDF : 1819.9/20

Out: -33.121 ± 0.101 χ^2/NDF : 1450.6/22

All: -33.022 ± 0.073 χ^2/NDF : 3272.5/43

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: -8.181 ± 0.180 $\chi^2/\text{NDF}: 276.4/4$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -7.752 ± 0.188 $\chi^2/\text{NDF}: 176.9/3$

Left: -7.976 ± 0.130 $\chi^2/\text{NDF}: 456.0/8$

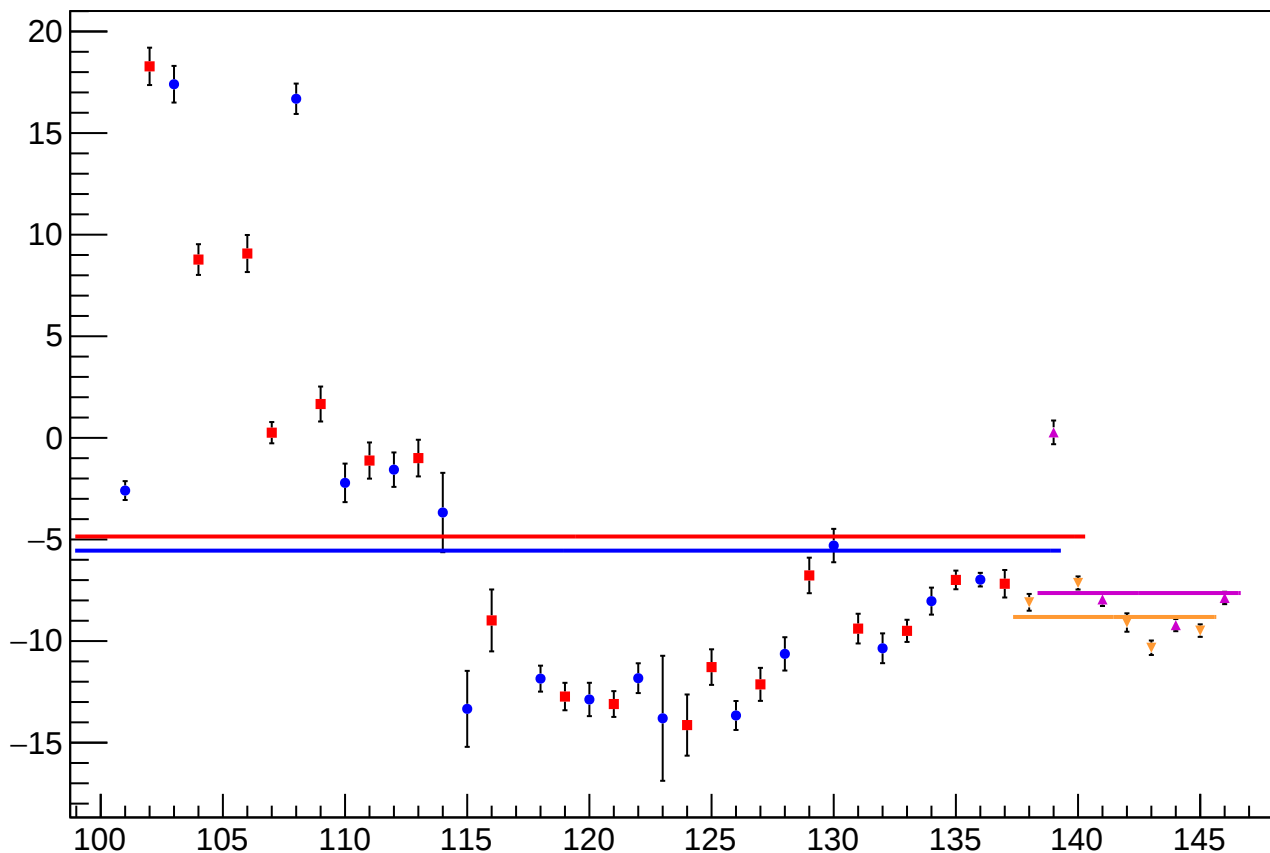
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -3.450 ± 0.154 $\chi^2/\text{NDF}: 1916.2/20$

Out: -3.579 ± 0.151 $\chi^2/\text{NDF}: 2628.5/22$

All: -3.516 ± 0.108 $\chi^2/\text{NDF}: 4545.1/43$

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: -8.814 ± 0.161 χ^2/NDF : 53.1/4

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -7.636 ± 0.171 χ^2/NDF : 213.1/3

Left: -8.260 ± 0.117 χ^2/NDF : 291.5/8

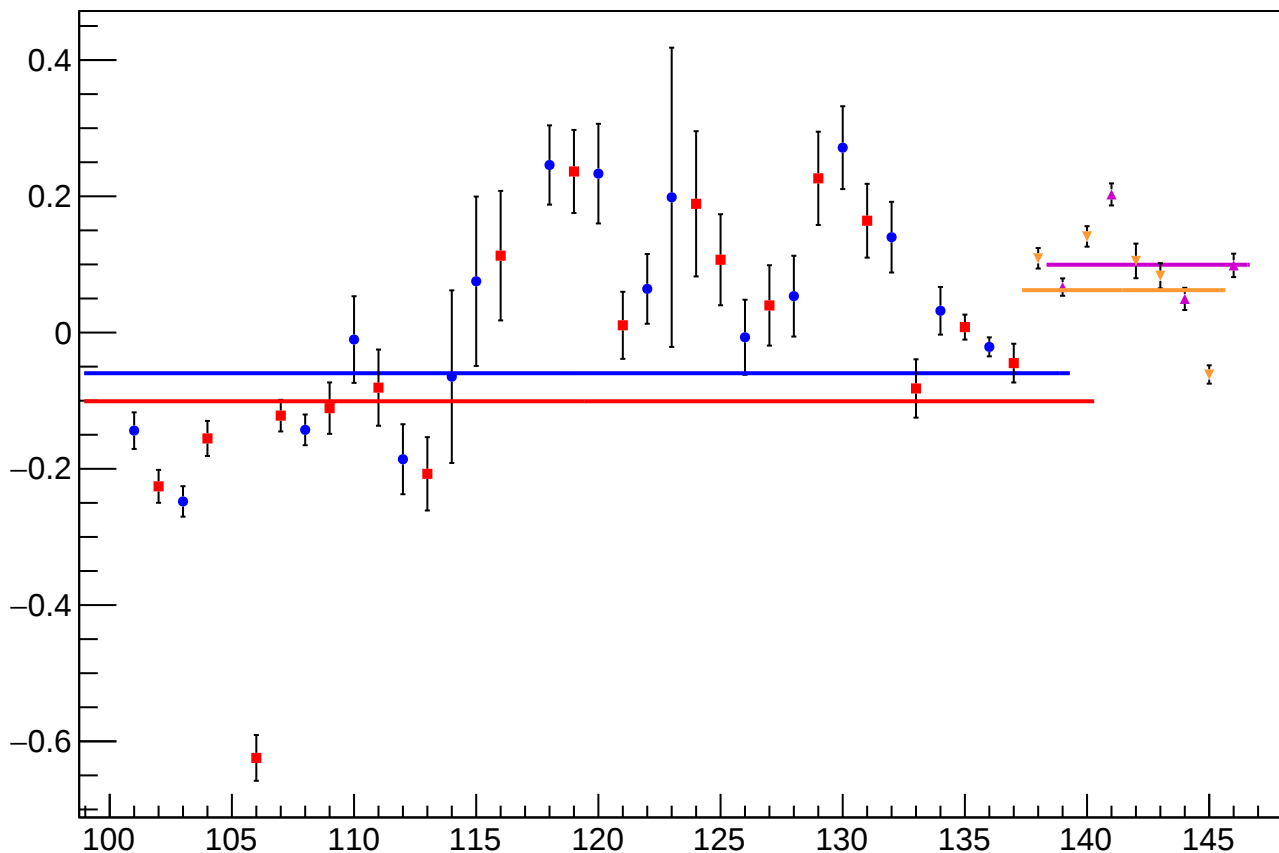
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -6.591 ± 0.120 χ^2/NDF : 2414.8/20

Out: -6.977 ± 0.118 χ^2/NDF : 2347.6/22

All: -6.788 ± 0.084 χ^2/NDF : 4767.7/43

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: 0.062 ± 0.007 χ^2/NDF : 126.2/4

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.100 ± 0.008 χ^2/NDF : 56.7/3

Left: 0.080 ± 0.005 χ^2/NDF : 195.4/8

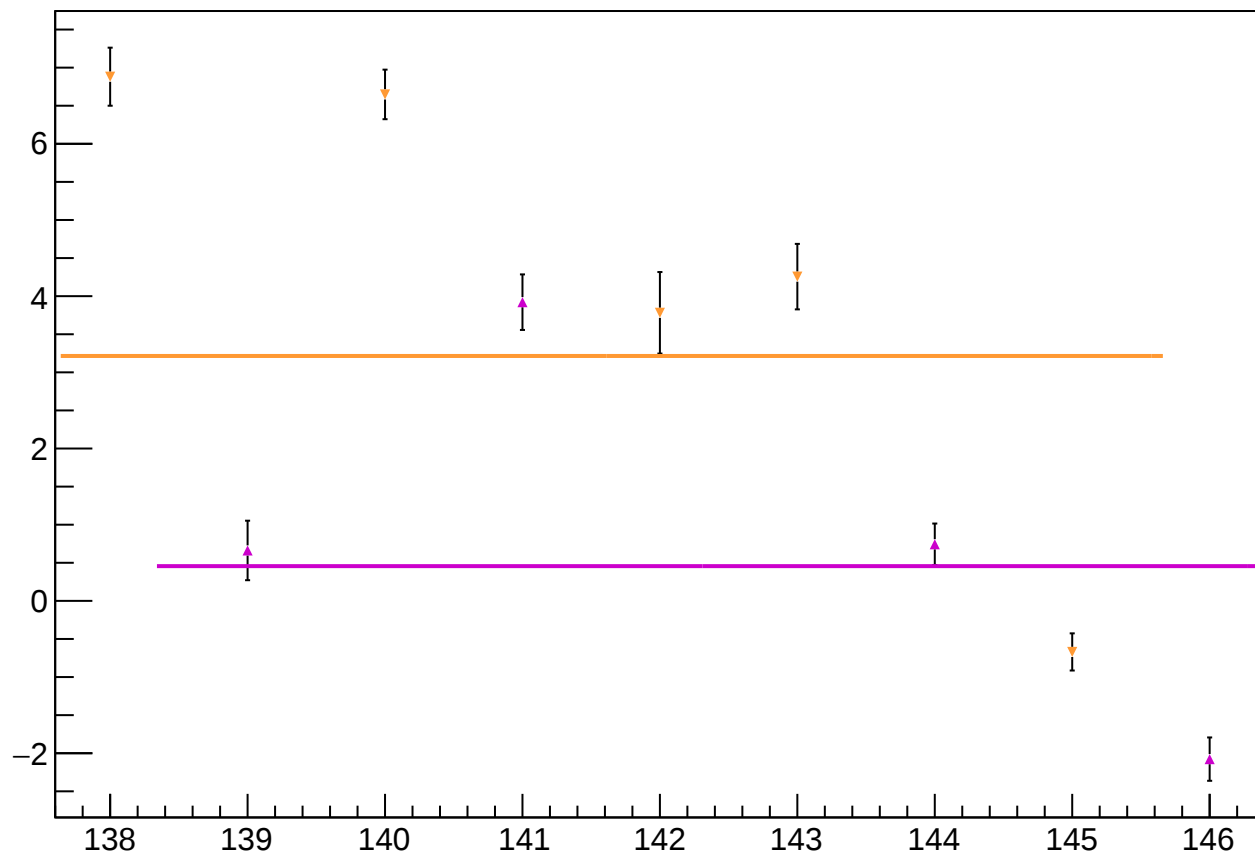
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.027 ± 0.006 χ^2/NDF : 470.0/20

Out: -0.007 ± 0.006 χ^2/NDF : 768.7/22

All: 0.010 ± 0.004 χ^2/NDF : 1257.9/43

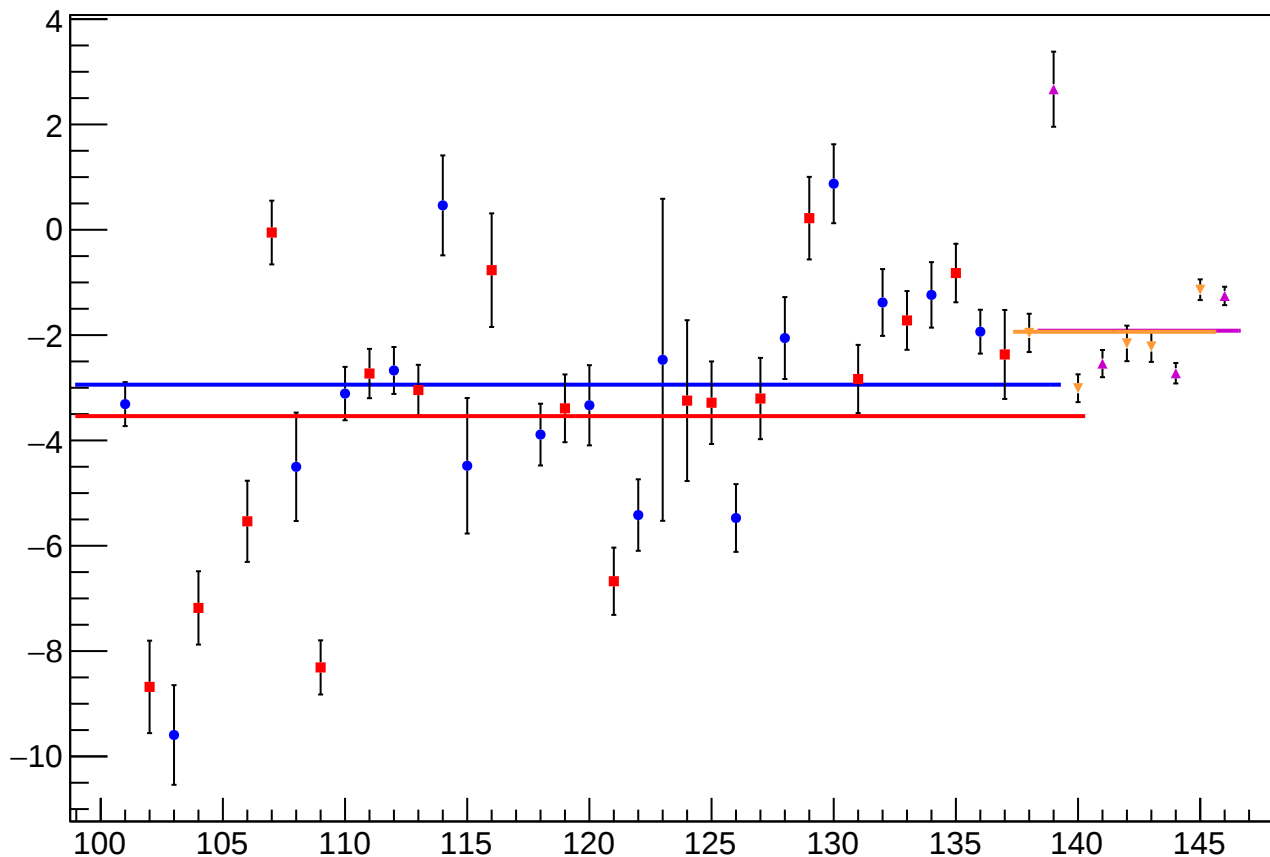
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.215 $\pm$ 0.154 χ^2 /NDF:464.8/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3

Left: 1.871 $\pm$ 0.110 χ^2 /NDF: 791.7/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3
 Out: 3.215 $\pm$ 0.154 χ^2 /NDF:464.8/4
 All: 1.871 $\pm$ 0.110 χ^2 /NDF: 791.7/8

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: -1.937 ± 0.121 χ^2/NDF : 34.4/4

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.916 ± 0.115 χ^2/NDF : 78.7/3

Left: -1.926 ± 0.083 χ^2/NDF : 113.1/8

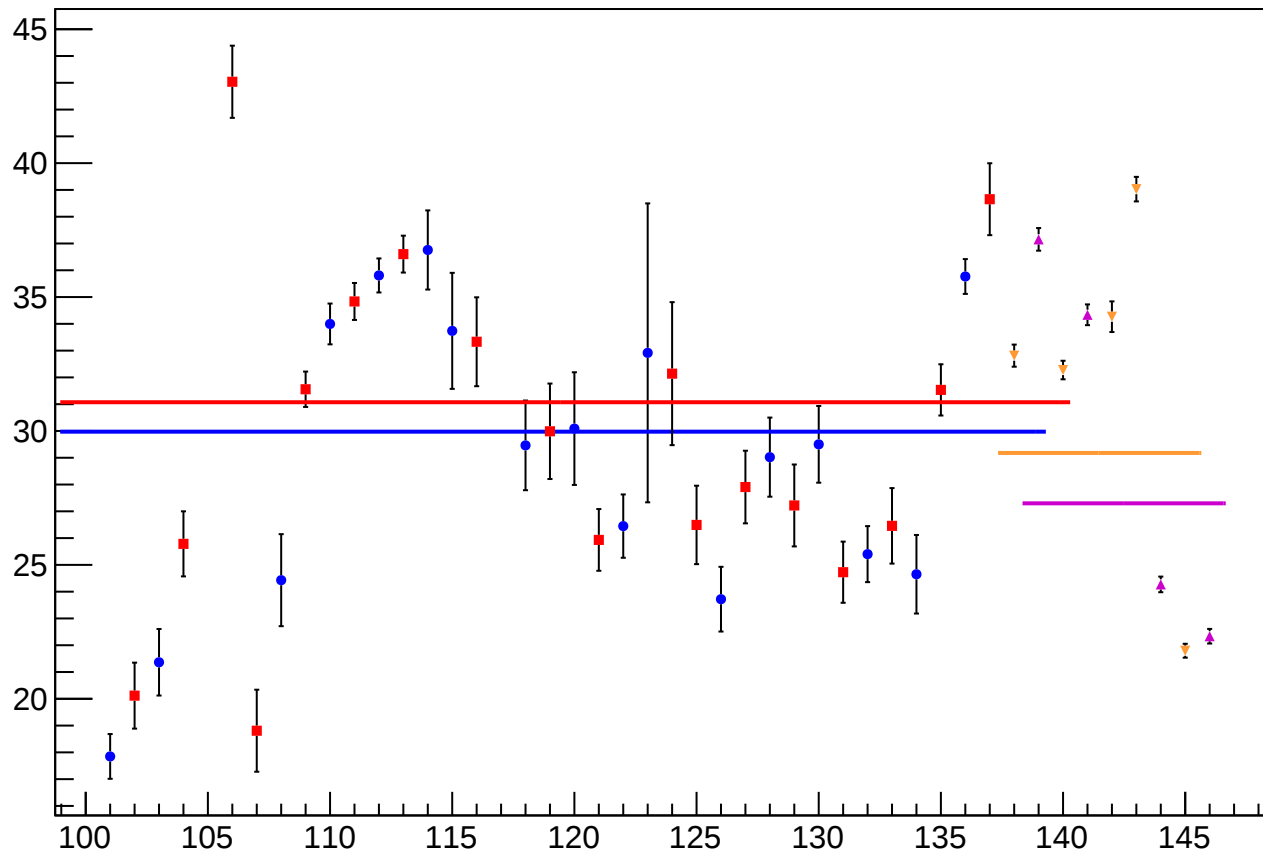
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.281 ± 0.092 χ^2/NDF : 252.8/20

Out: -2.545 ± 0.095 χ^2/NDF : 384.5/22

All: -2.408 ± 0.066 χ^2/NDF : 641.2/43

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: 29.179 $\pm$ 0.165 χ^2 /NDF:1506.6/4

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 27.298 $\pm$ 0.163 χ^2 /NDF:1312.7/3

Left: 28.231 $\pm$ 0.116 χ^2 /NDF: 2885.0/8

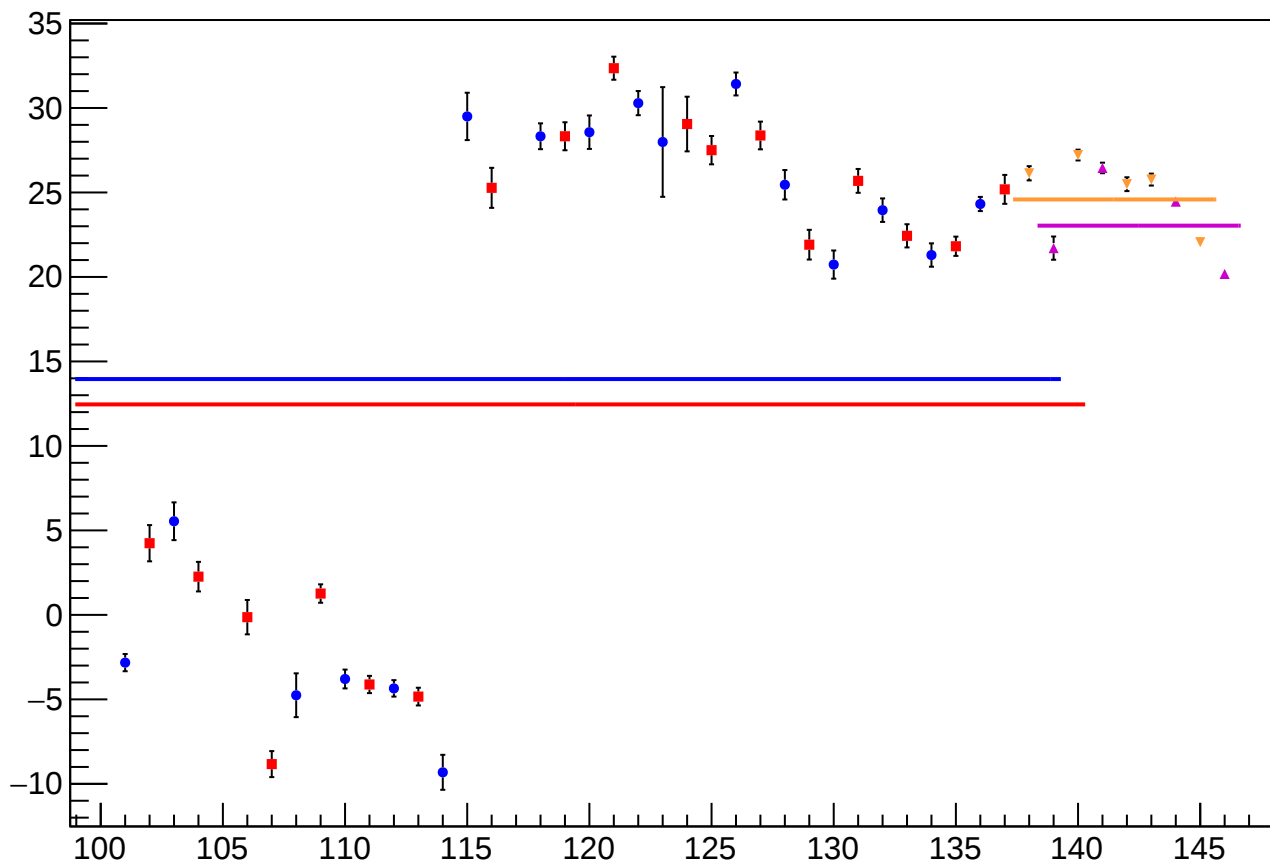
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 28.027 $\pm$ 0.139 χ^2 /NDF:1939.6/20

Out: 29.720 $\pm$ 0.139 χ^2 /NDF:1997.7/22

All: 28.875 $\pm$ 0.099 χ^2 /NDF: 4011.2/43

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: 24.587 $\pm$ 0.143 χ^2 /NDF:221.6/4

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 23.036 $\pm$ 0.139 χ^2 /NDF:330.4/3

Left: 23.788 $\pm$ 0.100 χ^2 /NDF: 612.5/8

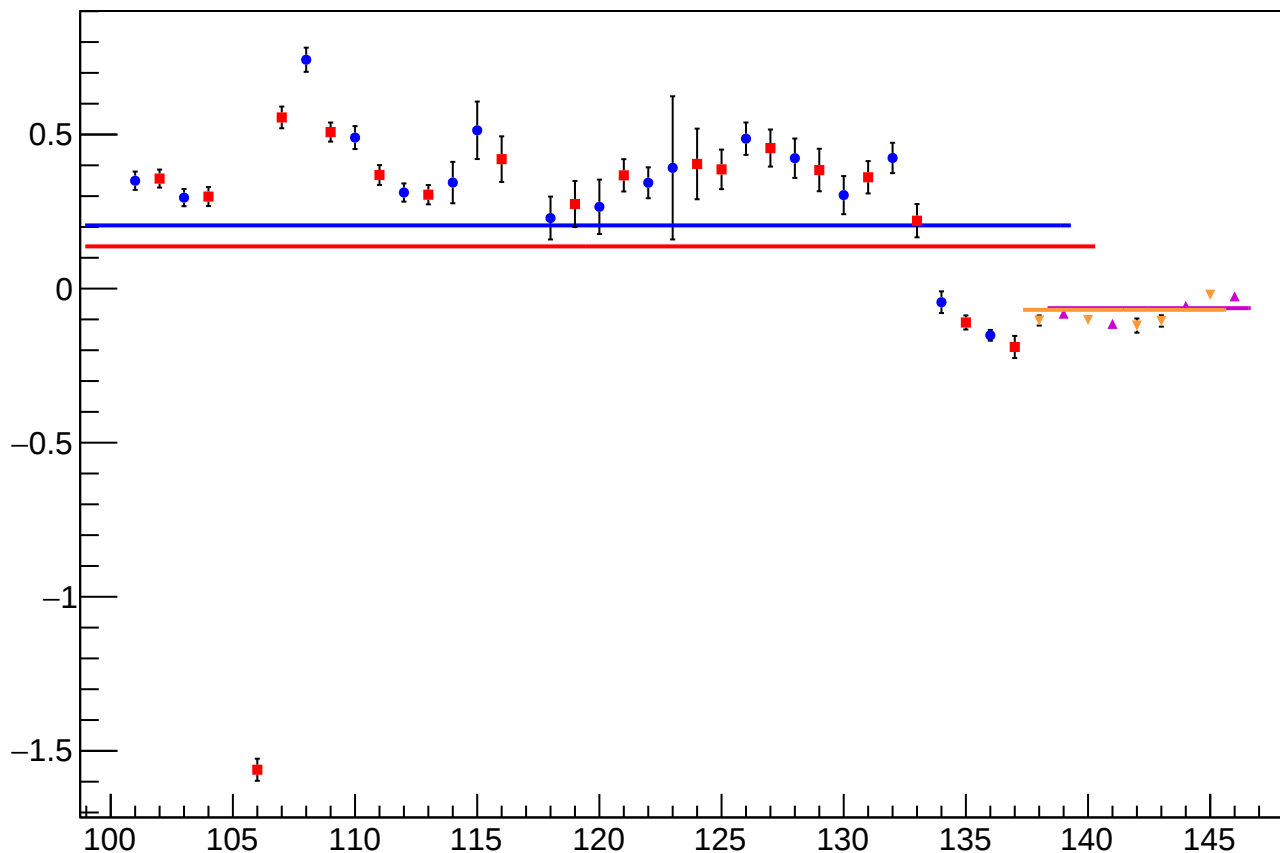
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.462 $\pm$ 0.108 χ^2 /NDF:9362.7/20

Out: 19.686 $\pm$ 0.110 χ^2 /NDF:10106.4/22

All: 19.572 $\pm$ 0.077 χ^2 /NDF: 19471.2/43

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.069 $\pm$ 0.007 χ^2 /NDF:41.2/4

Right Out: 0.137 $\pm$ 0.009 χ^2 /NDF: 3007.9/17

Left In: -0.064 $\pm$ 0.007 χ^2 /NDF:21.5/3

Left: -0.066 $\pm$ 0.005 χ^2 /NDF: 63.0/8

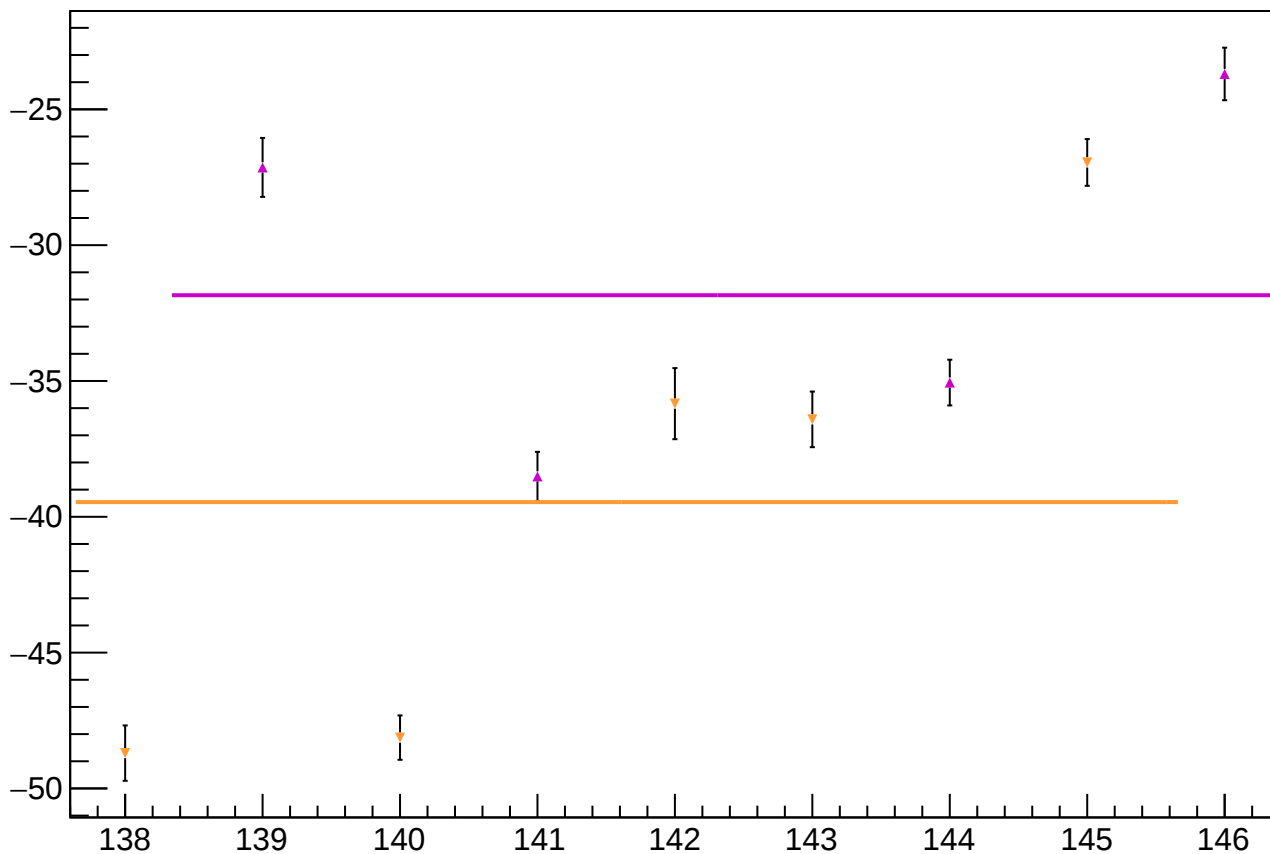
Right: 0.170 $\pm$ 0.007 χ^2 /NDF: 3881.4/34

In: 0.031 $\pm$ 0.006 χ^2 /NDF:1401.4/20

Out: 0.002 $\pm$ 0.005 χ^2 /NDF:3377.0/22

All: 0.016 $\pm$ 0.004 χ^2 /NDF: 4792.5/43

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.459+/-0.432 χ^2/NDF :422.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.843+/-0.469 χ^2/NDF :158.7/3

Left: -35.957+/-0.318 χ^2/NDF : 723.9/8

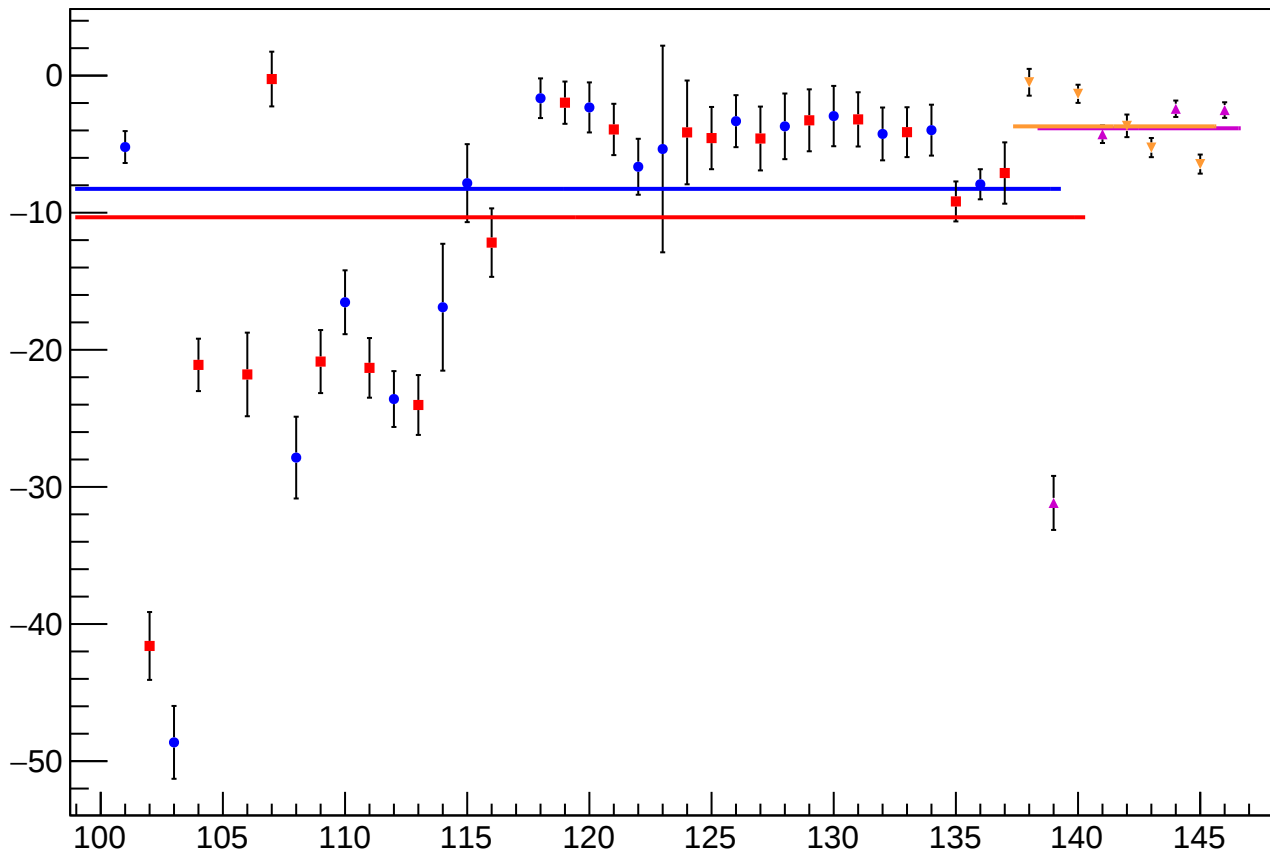
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.843+/-0.469 χ^2/NDF :158.7/3

Out: -39.459+/-0.432 χ^2/NDF :422.5/4

All: -35.957+/-0.318 χ^2/NDF : 723.9/8

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: -3.703 ± 0.335 $\chi^2/\text{NDF}: 44.3/4$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -3.843 ± 0.341 $\chi^2/\text{NDF}: 203.9/3$

Left: -3.772 ± 0.239 $\chi^2/\text{NDF}: 248.2/8$

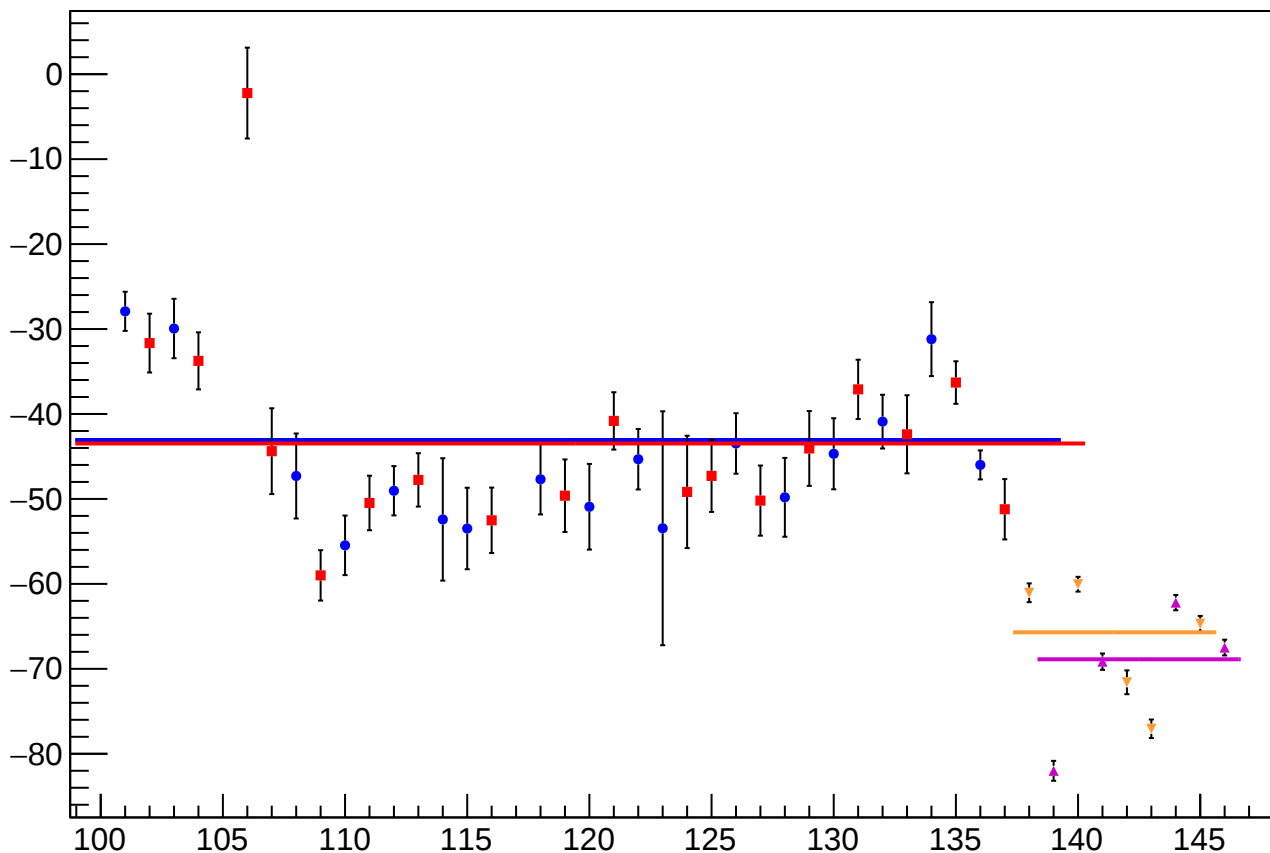
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -5.400 ± 0.275 $\chi^2/\text{NDF}: 674.9/20$

Out: -5.808 ± 0.277 $\chi^2/\text{NDF}: 579.6/22$

All: -5.602 ± 0.195 $\chi^2/\text{NDF}: 1255.5/43$

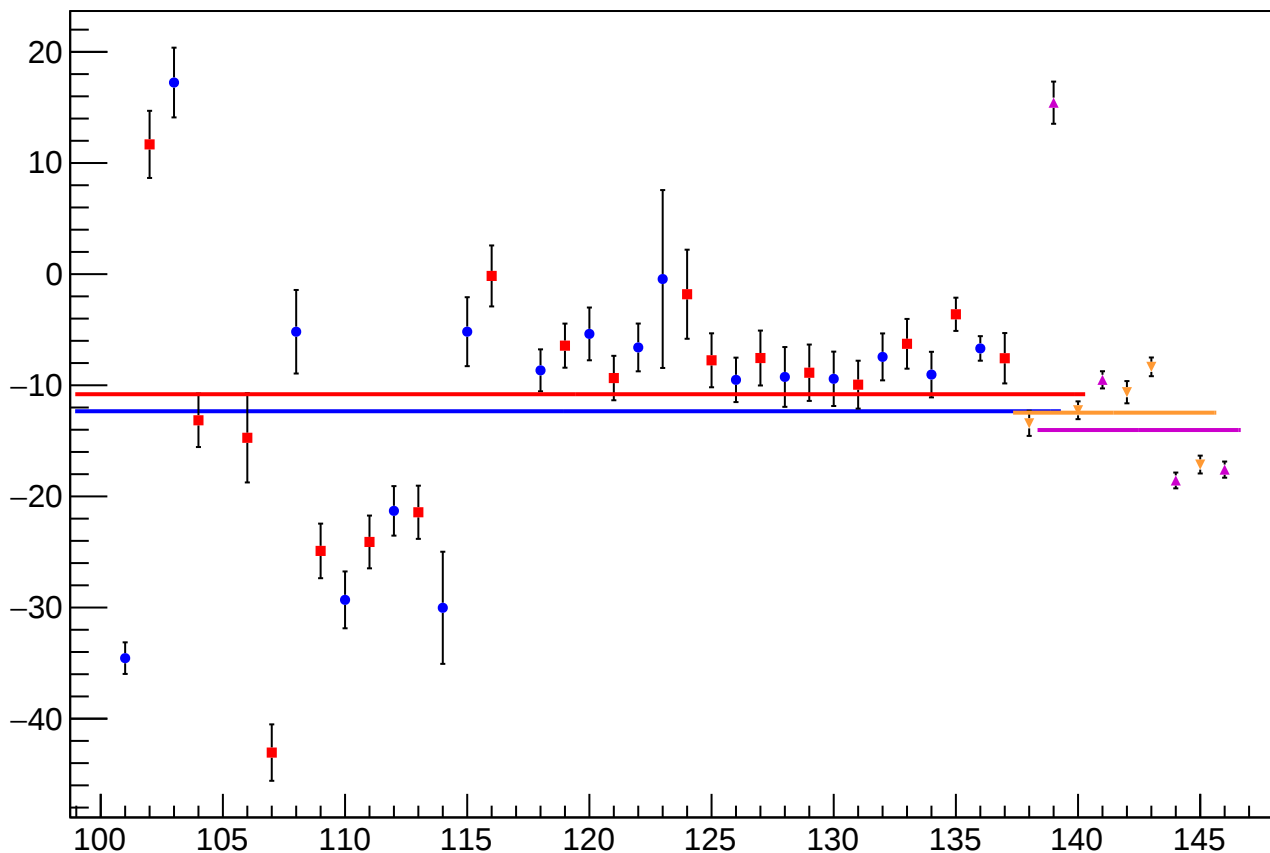
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -65.702 ± 0.462 $\chi^2/\text{NDF}: 187.2/4$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -68.877 ± 0.488 $\chi^2/\text{NDF}: 182.4/3$

Left: -67.204 ± 0.335 $\chi^2/\text{NDF}: 391.9/8$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -62.318 ± 0.421 $\chi^2/\text{NDF}: 993.7/20$
 Out: -60.803 ± 0.408 $\chi^2/\text{NDF}: 839.9/22$
 All: -61.536 ± 0.293 $\chi^2/\text{NDF}: 1840.3/43$

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: -12.465 ± 0.398 $\chi^2/\text{NDF}: 62.0/4$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -14.026 ± 0.414 $\chi^2/\text{NDF}: 339.7/3$

Left: -13.215 ± 0.287 $\chi^2/\text{NDF}: 409.1/8$

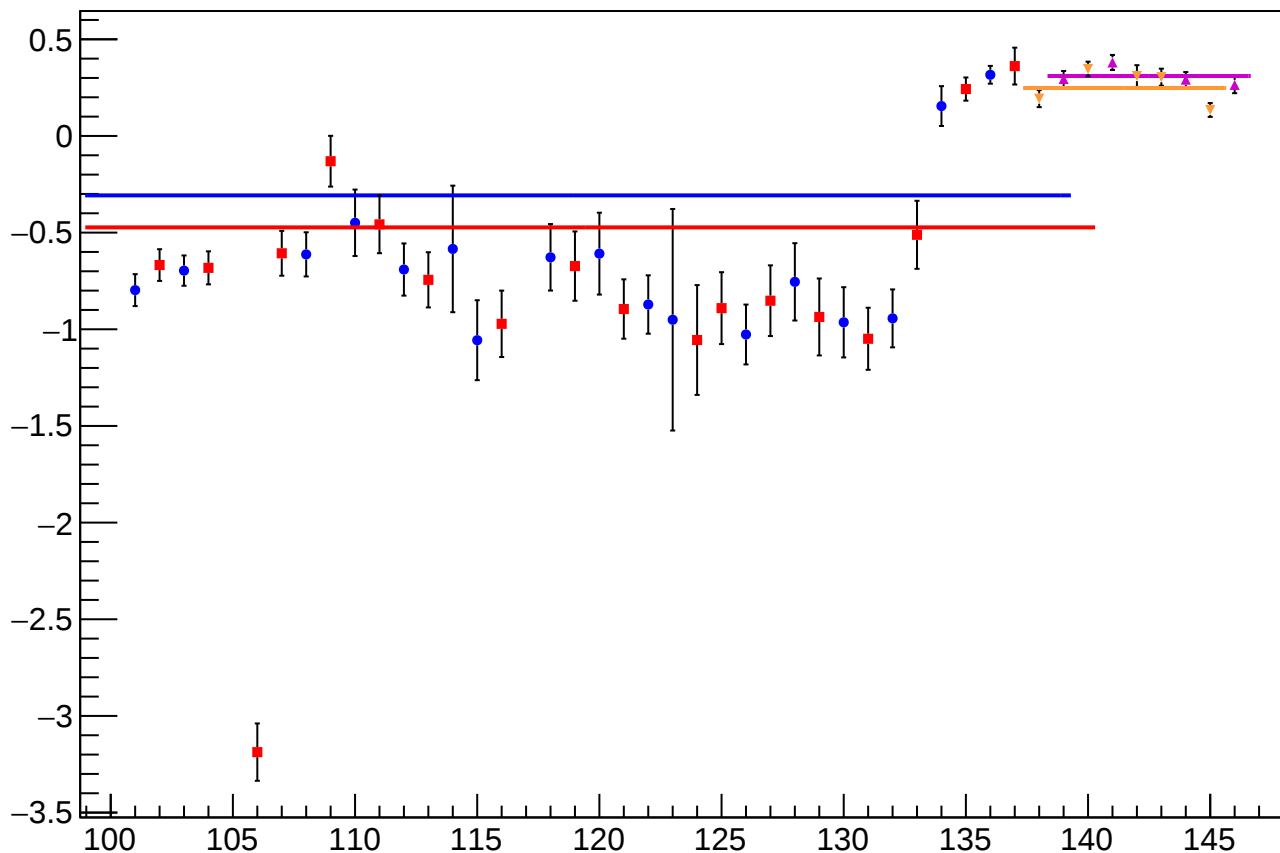
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -13.370 ± 0.324 $\chi^2/\text{NDF}: 821.3/20$

Out: -11.899 ± 0.323 $\chi^2/\text{NDF}: 429.3/22$

All: -12.633 ± 0.229 $\chi^2/\text{NDF}: 1261.0/43$

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: 0.248 ± 0.019 χ^2/NDF : 21.2/4

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.310 ± 0.020 χ^2/NDF : 4.8/3

Left: 0.277 ± 0.014 χ^2/NDF : 31.0/8

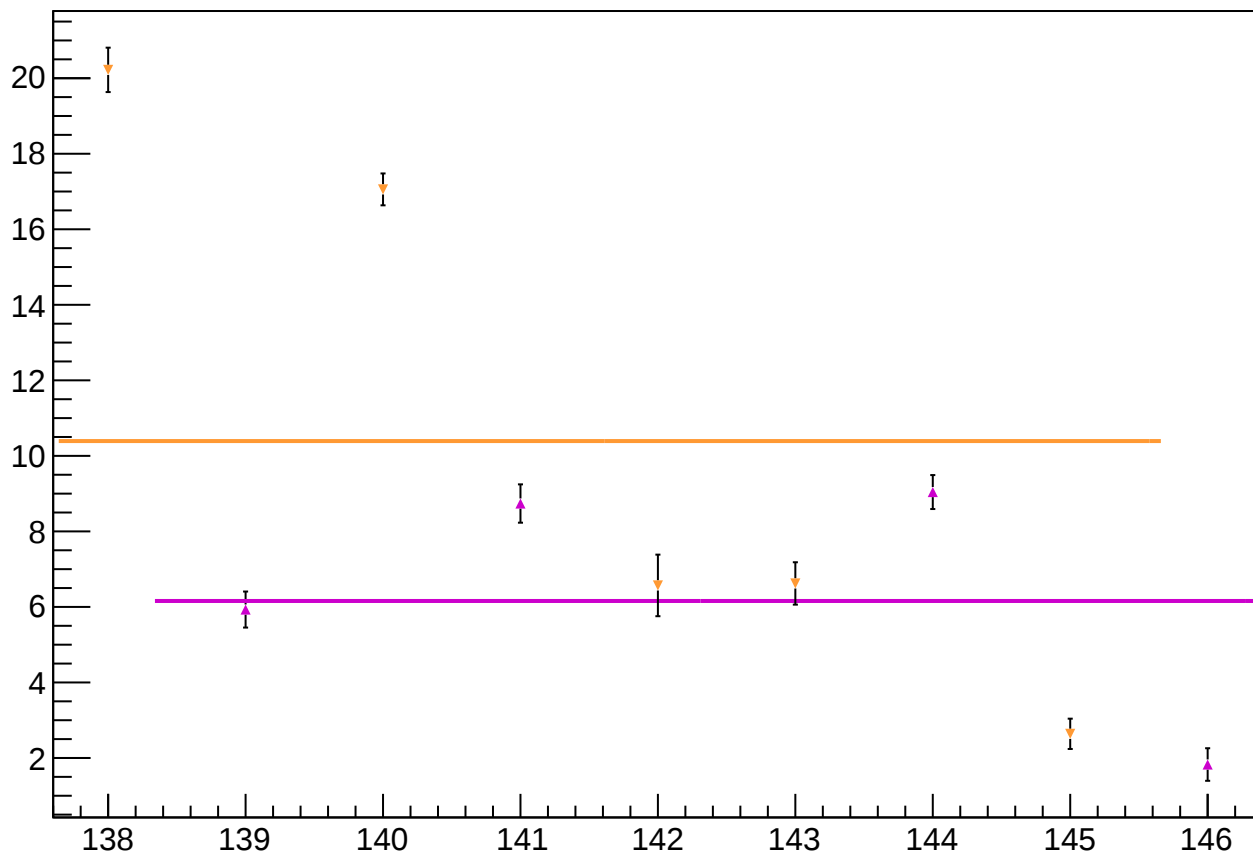
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.093 ± 0.016 χ^2/NDF : 703.2/20

Out: 0.030 ± 0.016 χ^2/NDF : 1090.6/22

All: 0.060 ± 0.011 χ^2/NDF : 1801.5/43

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: 10.392+/-0.227 χ^2/NDF :969.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.157+/-0.232 χ^2/NDF :168.1/3

Left: 8.319+/-0.162 χ^2/NDF : 1307.6/8

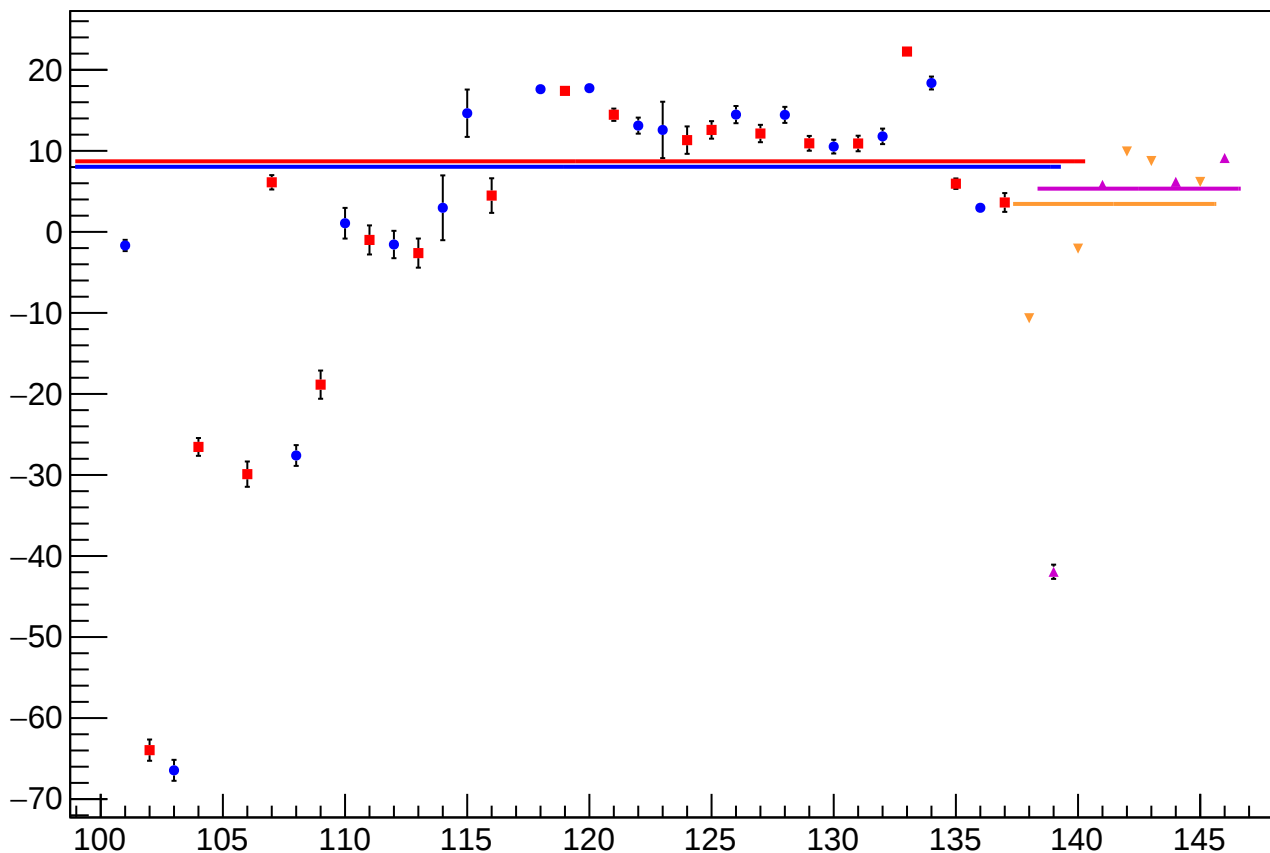
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.157+/-0.232 χ^2/NDF :168.1/3

Out: 10.392+/-0.227 χ^2/NDF :969.3/4

All: 8.319+/-0.162 χ^2/NDF : 1307.6/8

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 3.450+/-0.181 χ^2/NDF :1221.0/4

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 5.335+/-0.178 χ^2/NDF :3085.0/3

Left: 4.406+/-0.127 χ^2/NDF : 4361.3/8

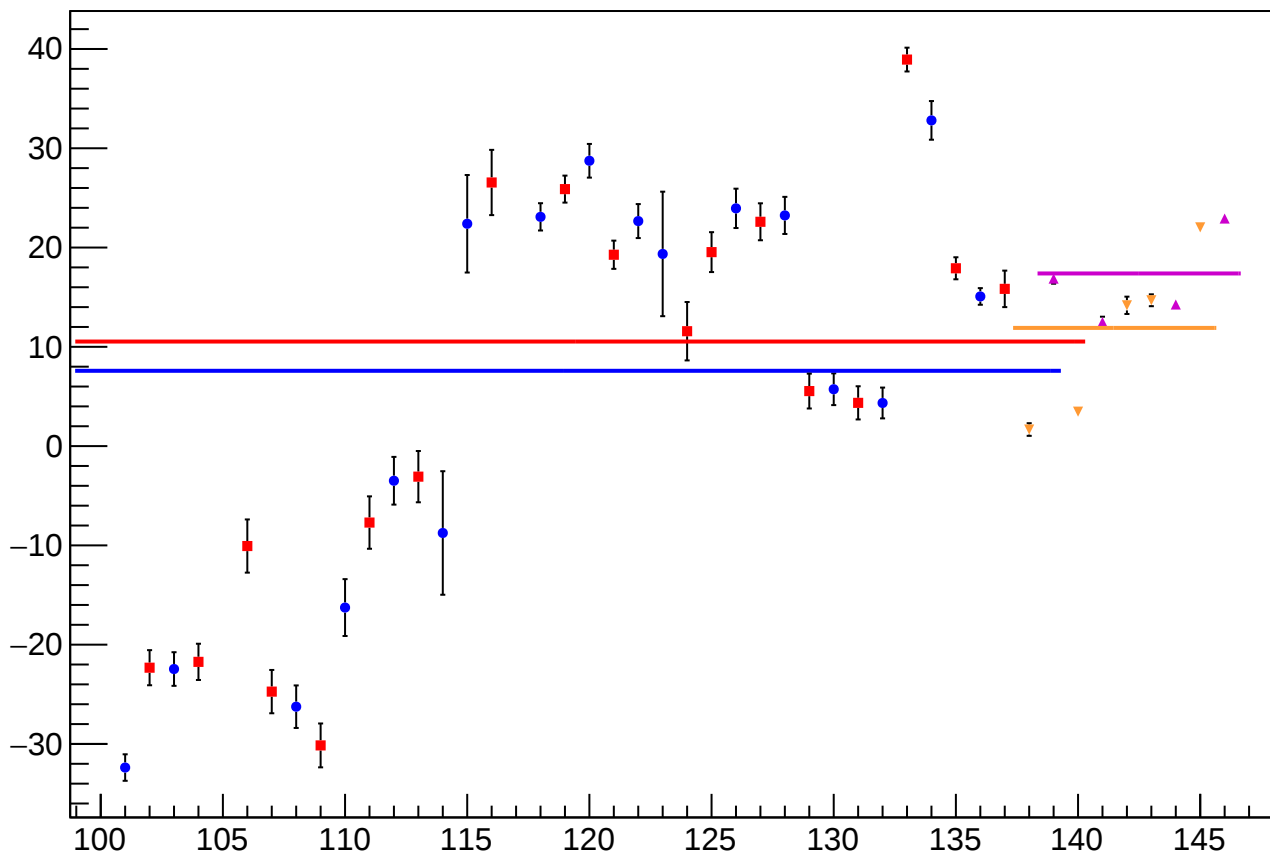
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 6.431+/-0.137 χ^2/NDF :8548.6/20

Out: 5.647+/-0.138 χ^2/NDF :7865.4/22

All: 6.041+/-0.097 χ^2/NDF : 16430.3/43

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 11.906 ± 0.242 χ^2/NDF : 1207.1/4

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 17.390 ± 0.240 χ^2/NDF : 303.6/3

Left: 14.670 ± 0.171 χ^2/NDF : 1769.2/8

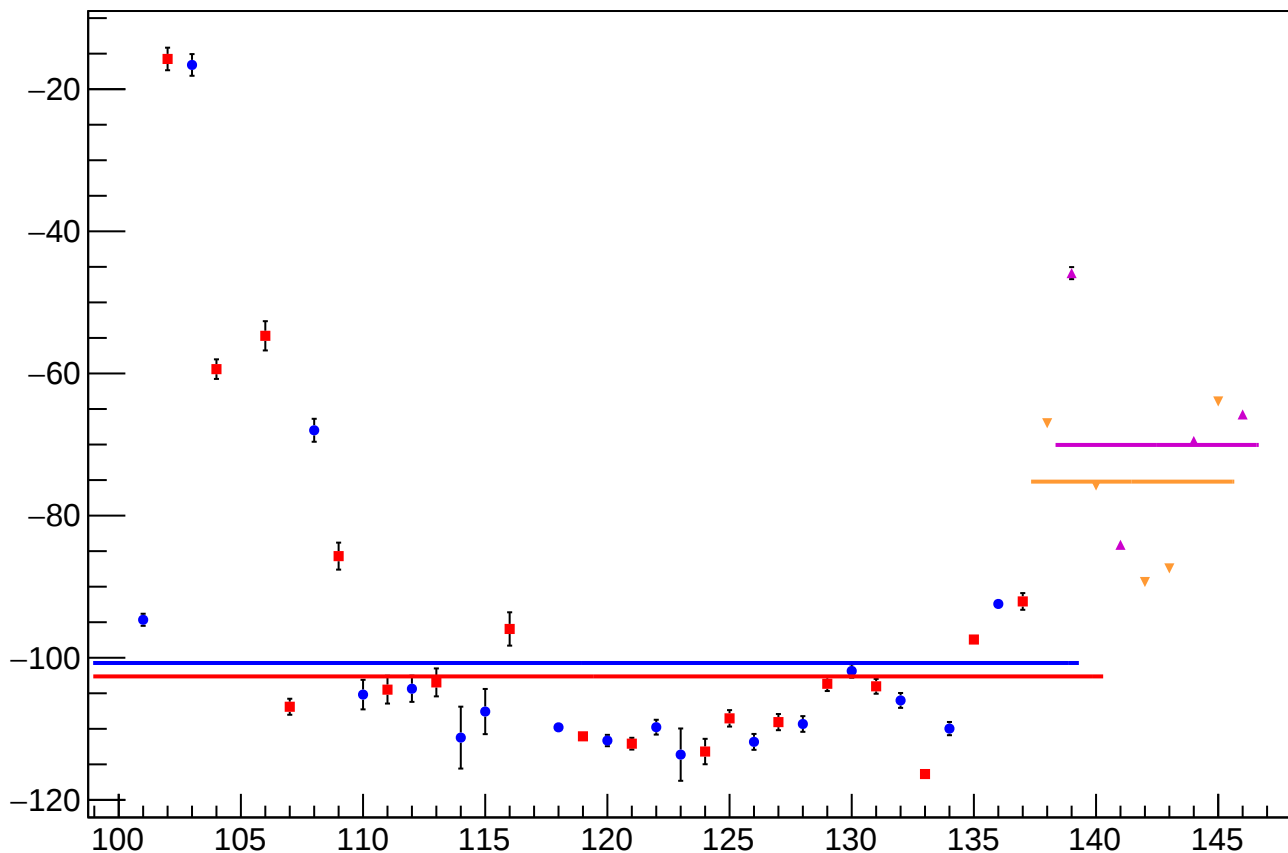
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 14.941 ± 0.208 χ^2/NDF : 3042.5/20

Out: 11.560 ± 0.209 χ^2/NDF : 3494.6/22

All: 13.262 ± 0.148 χ^2/NDF : 6668.3/43

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: -75.218+/-0.213 χ^2/NDF : 2238.1/4

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -70.055+/-0.213 χ^2/NDF : 2009.0/3

Left: -72.633+/-0.151 χ^2/NDF : 4540.1/8

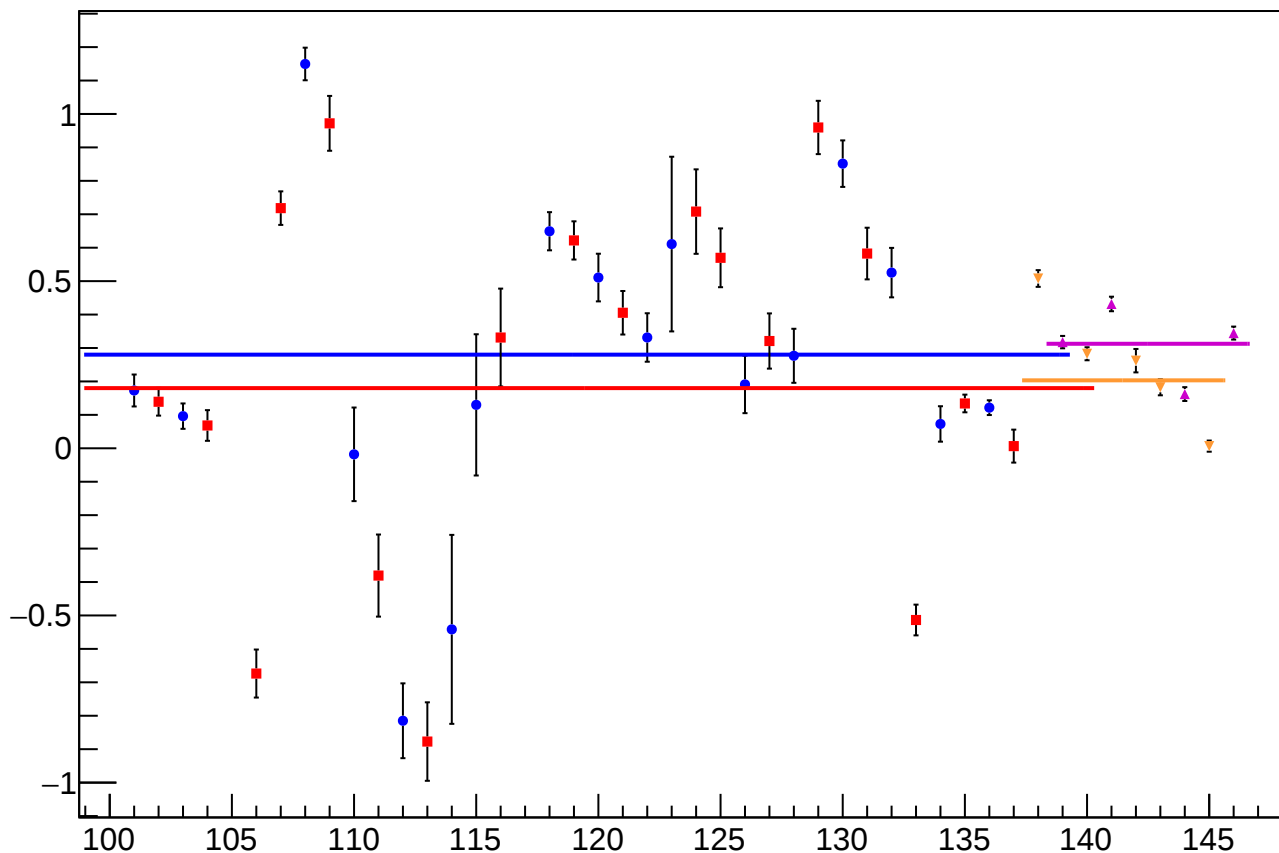
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -83.068+/-0.162 χ^2/NDF : 15321.2/20

Out: -86.978+/-0.161 χ^2/NDF : 15034.6/22

All: -85.029+/-0.114 χ^2/NDF : 30649.0/43

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: 0.203 ± 0.010 χ^2/NDF : 308.0/4

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.313 ± 0.010 χ^2/NDF : 85.5/3

Left: 0.257 ± 0.007 χ^2/NDF : 454.4/8

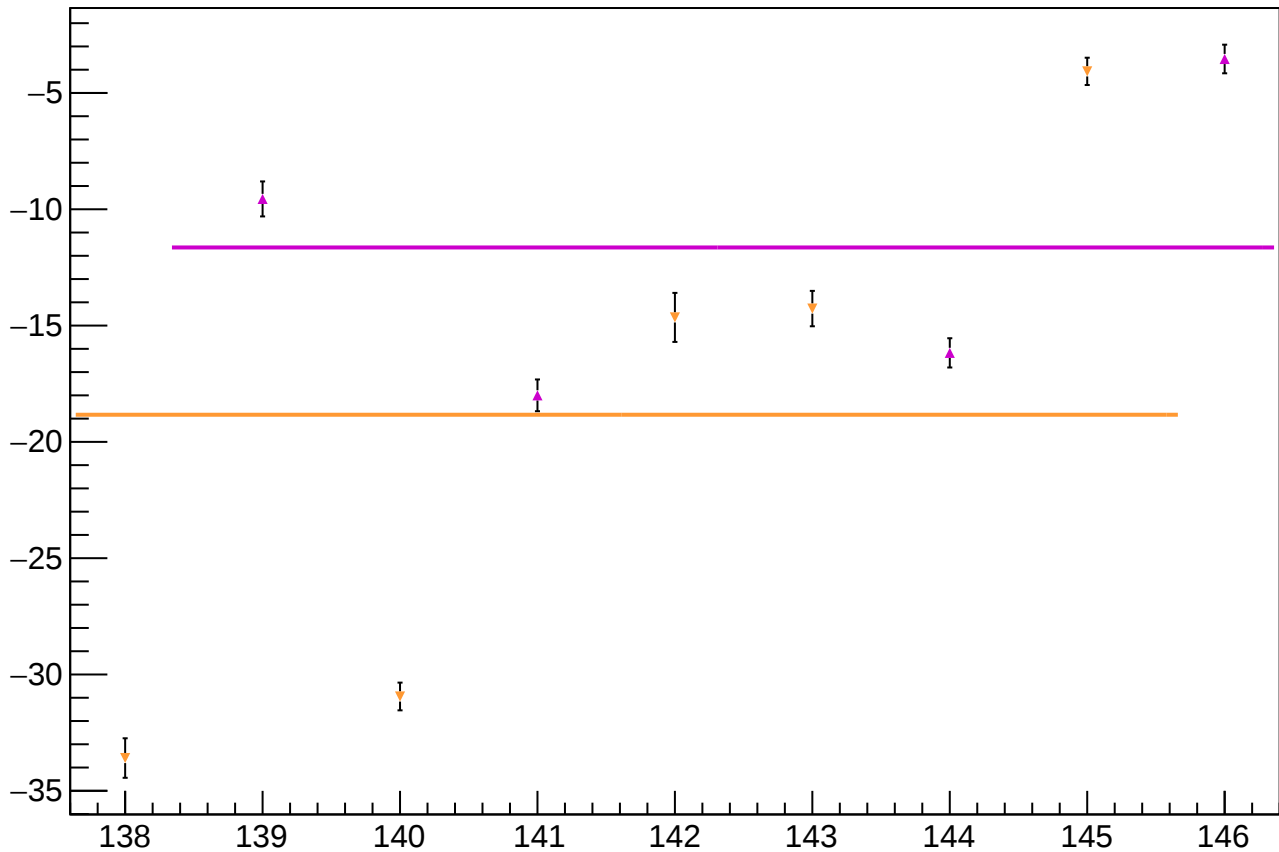
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.301 ± 0.008 χ^2/NDF : 745.7/20

Out: 0.195 ± 0.008 χ^2/NDF : 1247.0/22

All: 0.248 ± 0.006 χ^2/NDF : 2080.6/43

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: -18.833+/-0.320 χ^2/NDF :1399.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.642+/-0.332 χ^2/NDF :319.6/3

Left: -15.363+/-0.231 χ^2/NDF : 1962.4/8

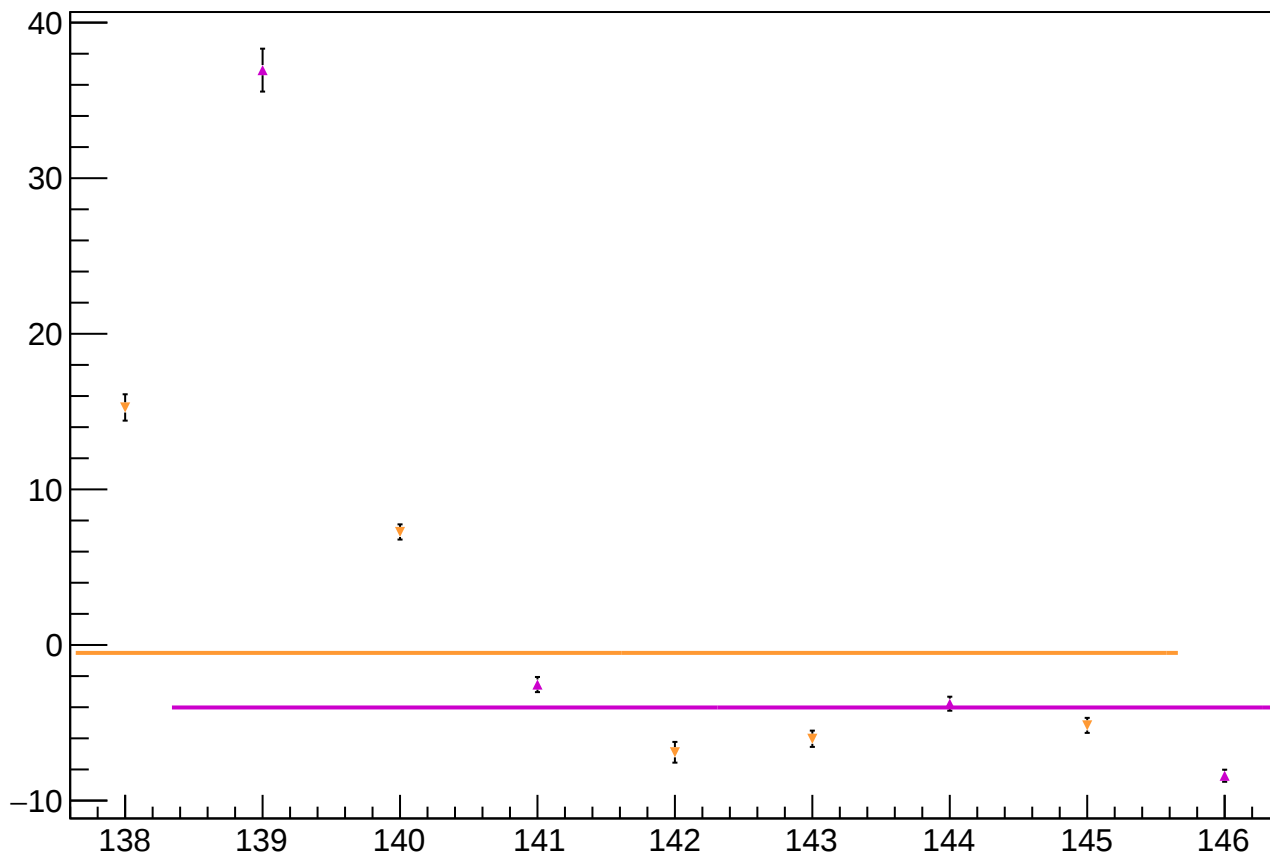
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.642+/-0.332 χ^2/NDF :319.6/3

Out: -18.833+/-0.320 χ^2/NDF :1399.9/4

All: -15.363+/-0.231 χ^2/NDF : 1962.4/8

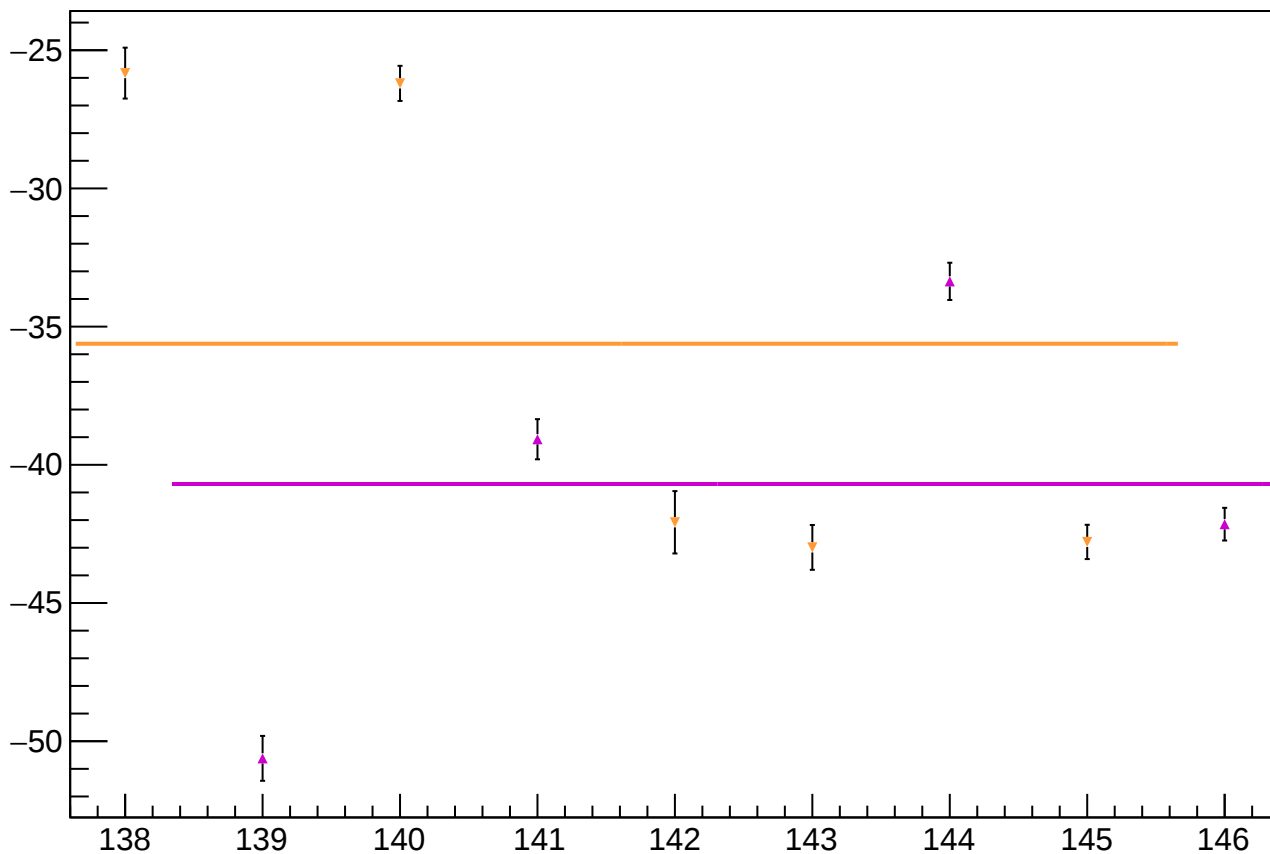
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.508+/-0.252 χ^2/NDF :896.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.016+/-0.248 χ^2/NDF :1018.7/3

Left: -2.290+/-0.177 χ^2/NDF : 2013.3/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.016+/-0.248 χ^2/NDF :1018.7/3
 Out: -0.508+/-0.252 χ^2/NDF :896.0/4
 All: -2.290+/-0.177 χ^2/NDF : 2013.3/8

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: -35.620+/-0.342 χ^2/NDF :582.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.694+/-0.343 χ^2/NDF :278.7/3

Left: -38.143+/-0.242 χ^2/NDF : 970.6/8

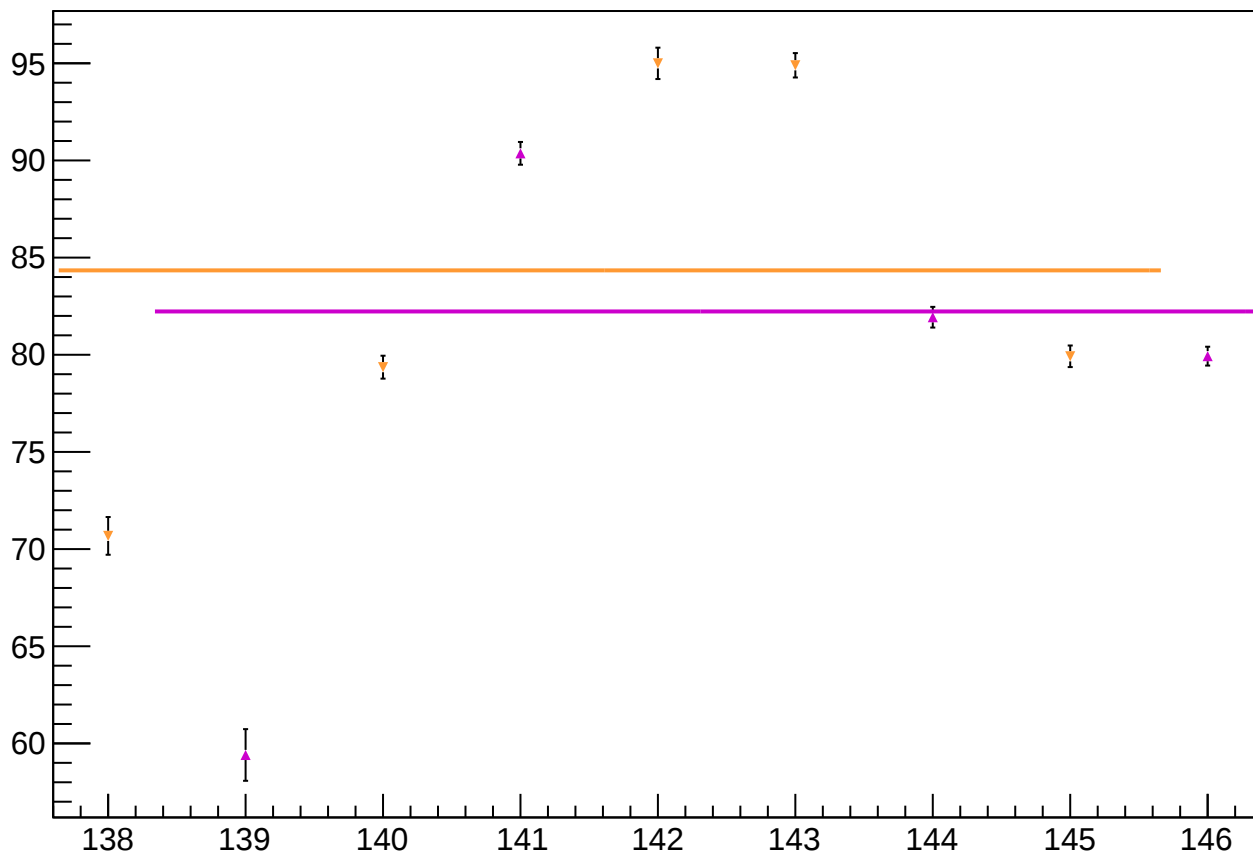
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.694+/-0.343 χ^2/NDF :278.7/3

Out: -35.620+/-0.342 χ^2/NDF :582.1/4

All: -38.143+/-0.242 χ^2/NDF : 970.6/8

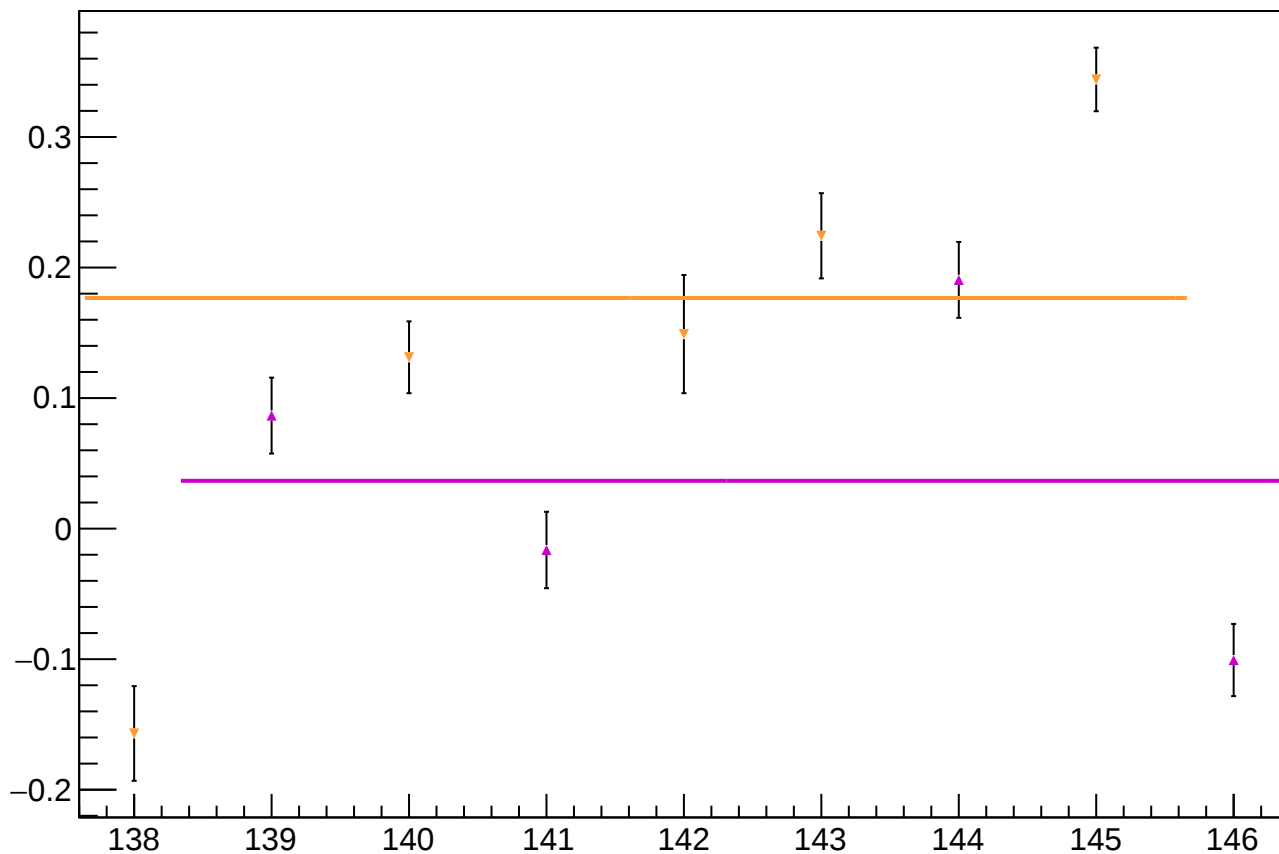
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.343+/-0.298 χ^2/NDF : 789.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 82.229+/-0.298 χ^2/NDF : 510.5/3

Left: 83.285+/-0.211 χ^2/NDF : 1325.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 82.229+/-0.298 χ^2/NDF : 510.5/3
 Out: 84.343+/-0.298 χ^2/NDF : 789.8/4
 All: 83.285+/-0.211 χ^2/NDF : 1325.5/8

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.177+/-0.014 χ^2/NDF :137.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.037+/-0.014 χ^2/NDF :58.9/3

Left: 0.109+/-0.010 χ^2/NDF : 245.2/8

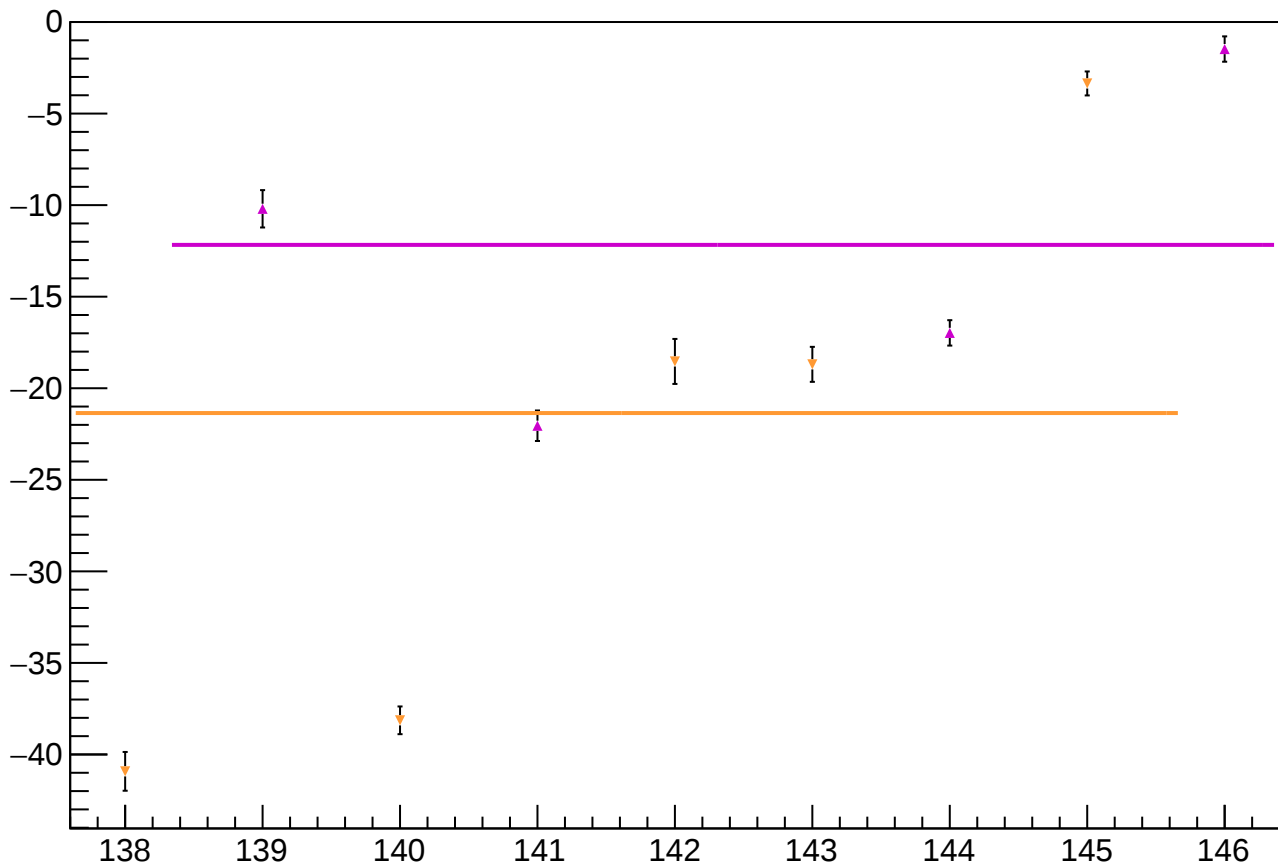
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.037+/-0.014 χ^2/NDF :58.9/3

Out: 0.177+/-0.014 χ^2/NDF :137.1/4

All: 0.109+/-0.010 χ^2/NDF : 245.2/8

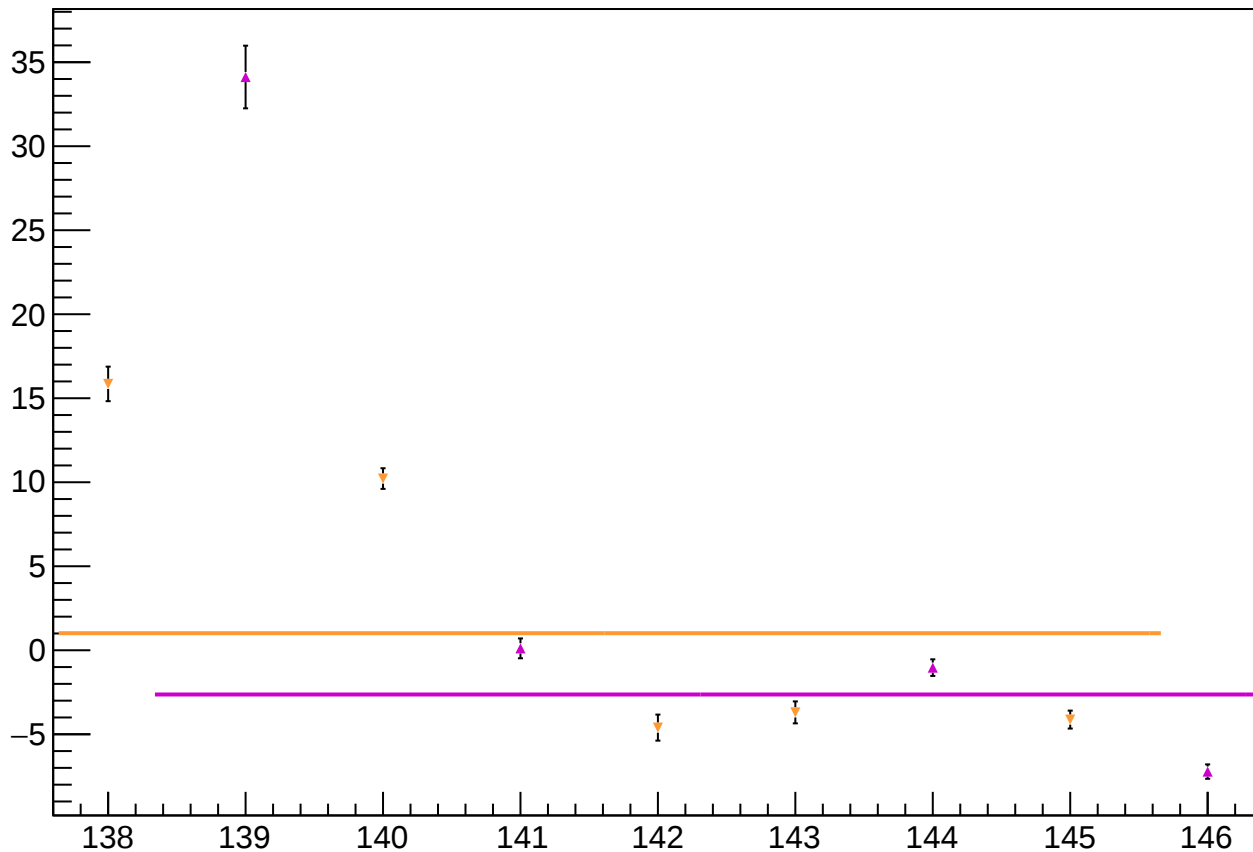
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -21.355+/-0.386 χ^2/NDF :1601.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.171+/-0.390 χ^2/NDF :430.9/3

Left: -16.819+/-0.274 χ^2/NDF : 2312.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.171+/-0.390 χ^2/NDF :430.9/3
 Out: -21.355+/-0.386 χ^2/NDF :1601.8/4
 All: -16.819+/-0.274 χ^2/NDF : 2312.9/8

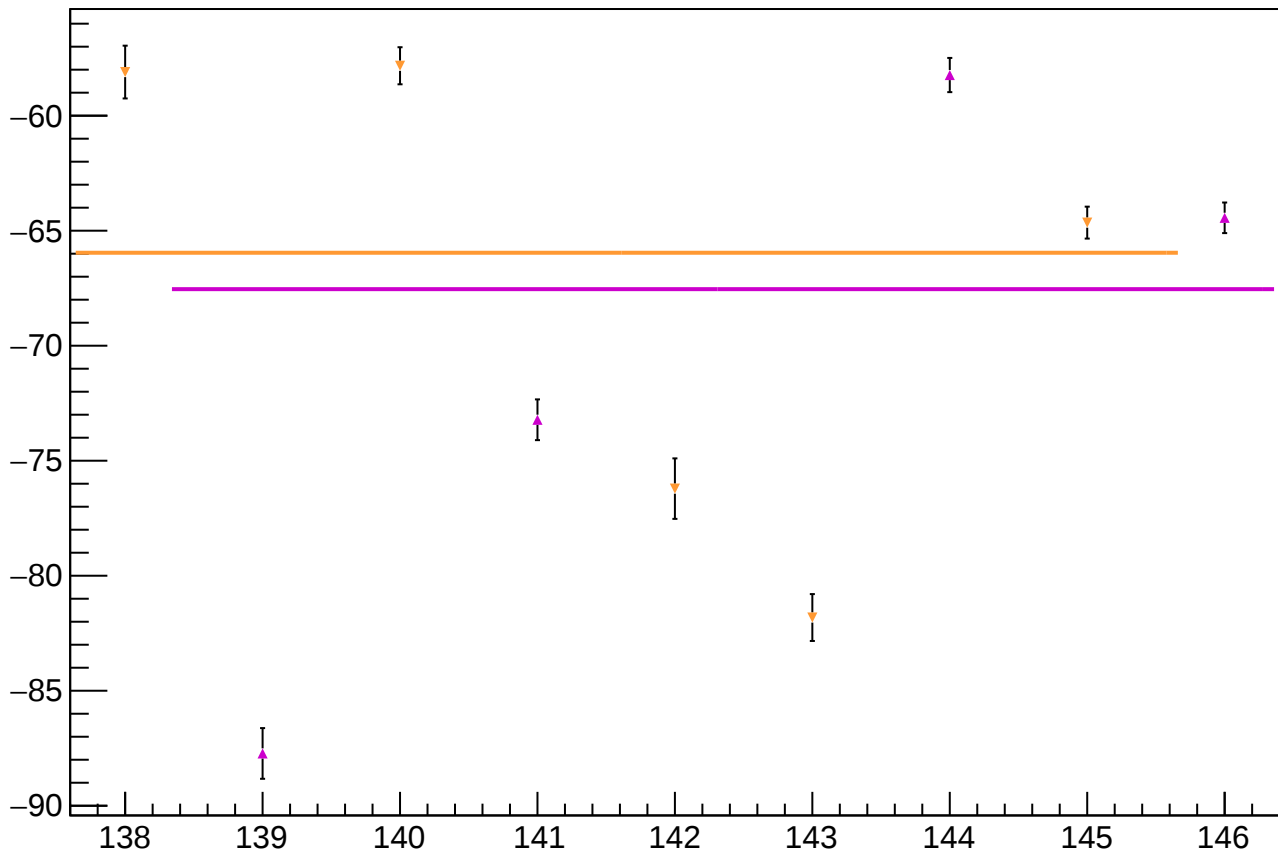
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.016+/-0.300 χ^2/NDF : 630.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.632+/-0.281 χ^2/NDF : 534.9/3

Left: -0.928+/-0.205 χ^2/NDF : 1244.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.632+/-0.281 χ^2/NDF : 534.9/3
 Out: 1.016+/-0.300 χ^2/NDF : 630.4/4
 All: -0.928+/-0.205 χ^2/NDF : 1244.2/8

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.959+/-0.411 χ^2/NDF :455.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -67.541+/-0.403 χ^2/NDF :555.0/3

Left: -66.767+/-0.288 χ^2/NDF : 1017.8/8

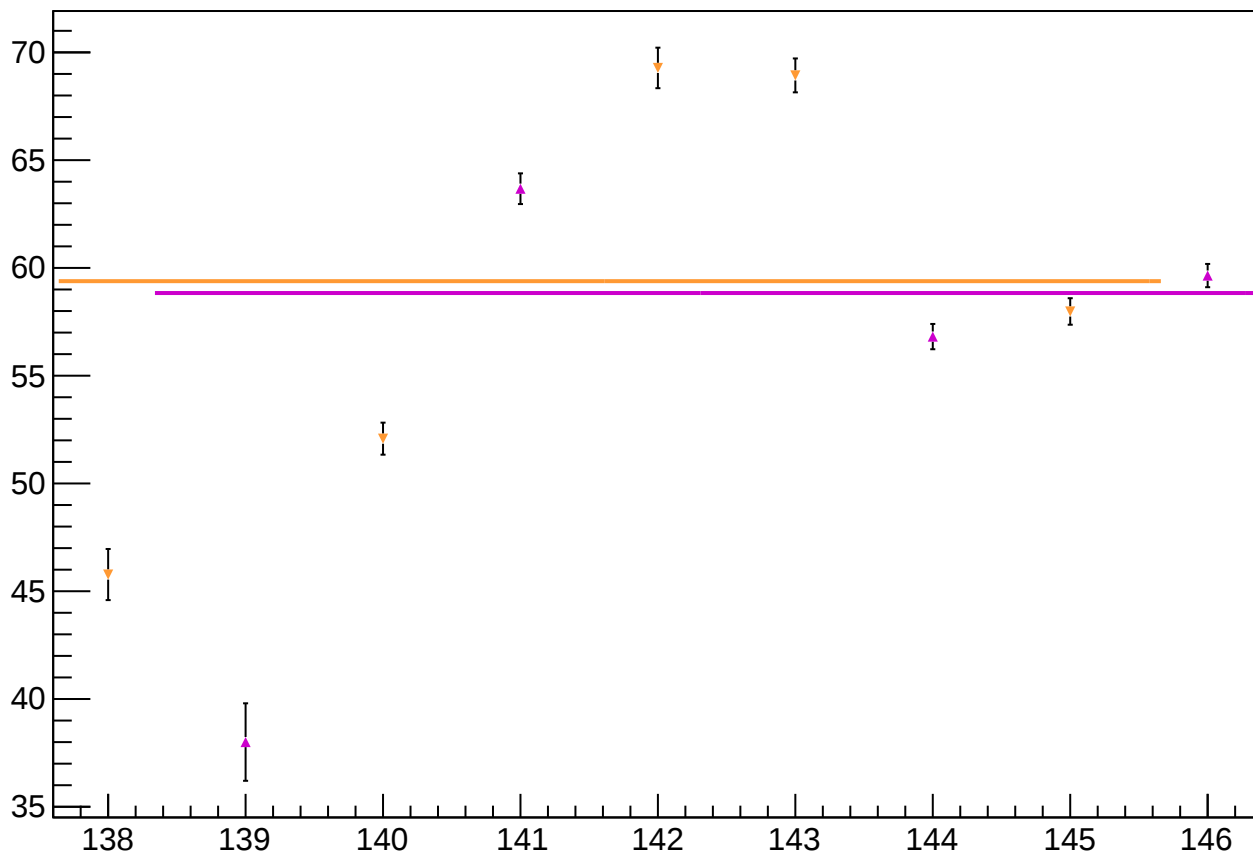
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.541+/-0.403 χ^2/NDF :555.0/3

Out: -65.959+/-0.411 χ^2/NDF :455.2/4

All: -66.767+/-0.288 χ^2/NDF : 1017.8/8

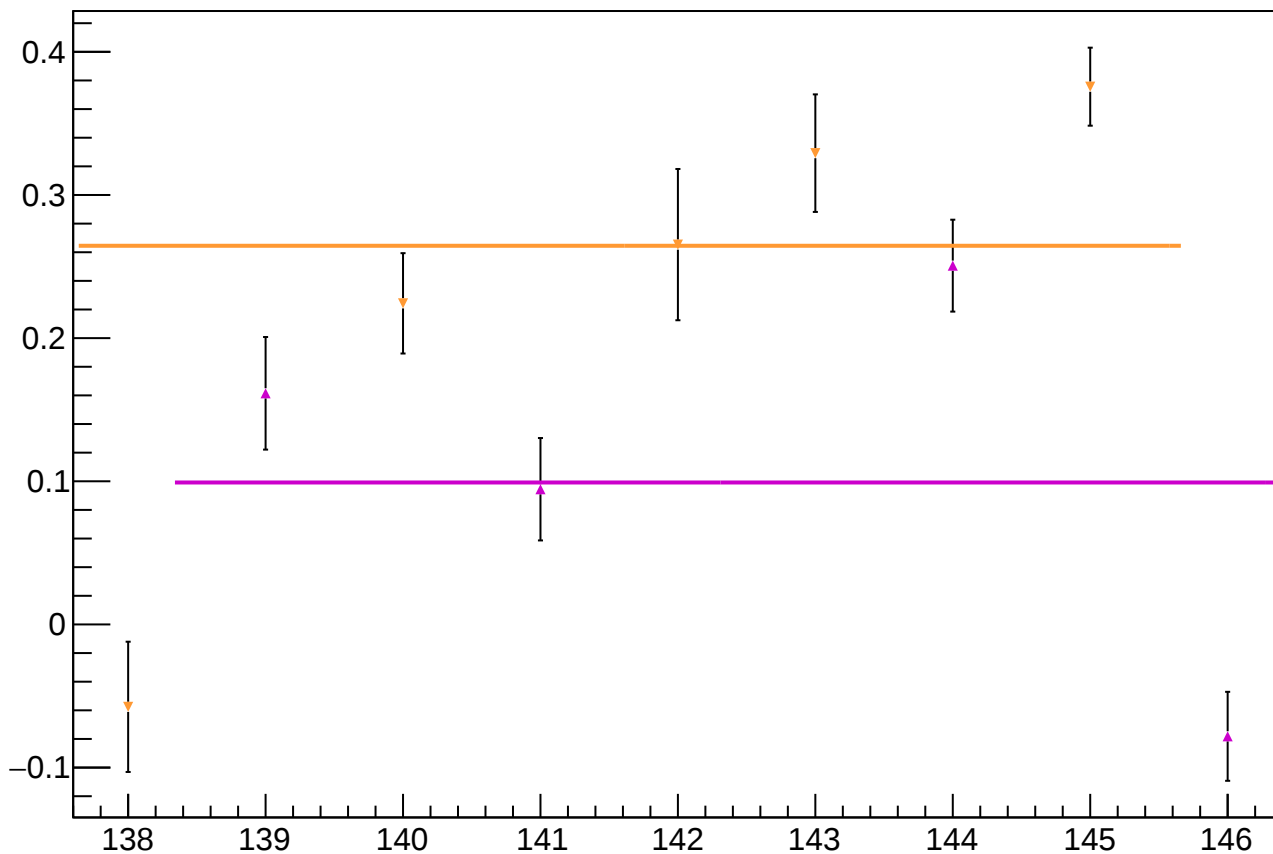
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 59.386+/-0.355 χ^2/NDF :491.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 58.835+/-0.341 χ^2/NDF :194.6/3

Left: 59.099+/-0.246 χ^2/NDF : 687.8/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 58.835+/-0.341 χ^2/NDF :194.6/3
 Out: 59.386+/-0.355 χ^2/NDF :491.9/4
 All: 59.099+/-0.246 χ^2/NDF : 687.8/8

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.265 $\pm$ 0.017 χ^2 /NDF:70.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3

Left: 0.184 $\pm$ 0.012 χ^2 /NDF: 175.9/8

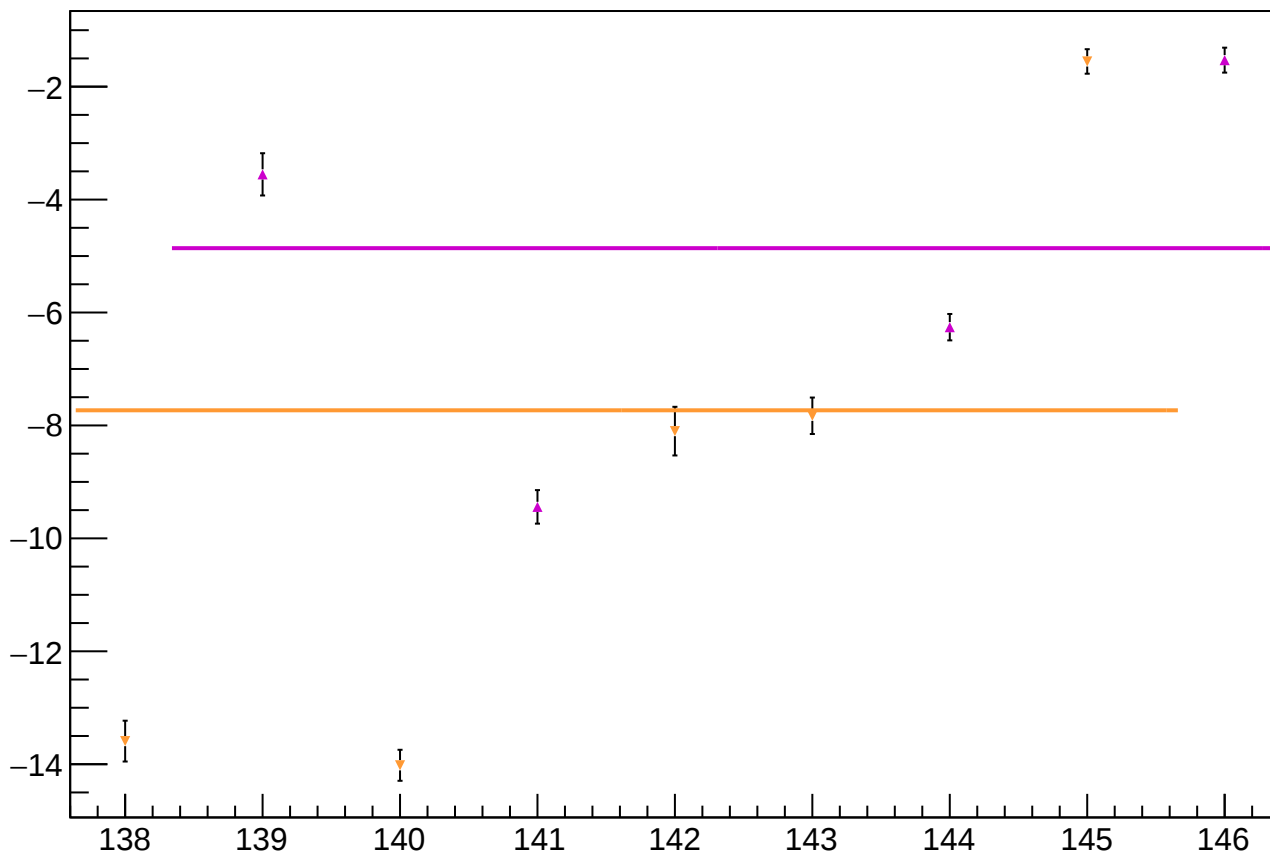
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3

Out: 0.265 $\pm$ 0.017 χ^2 /NDF:70.5/4

All: 0.184 $\pm$ 0.012 χ^2 /NDF: 175.9/8

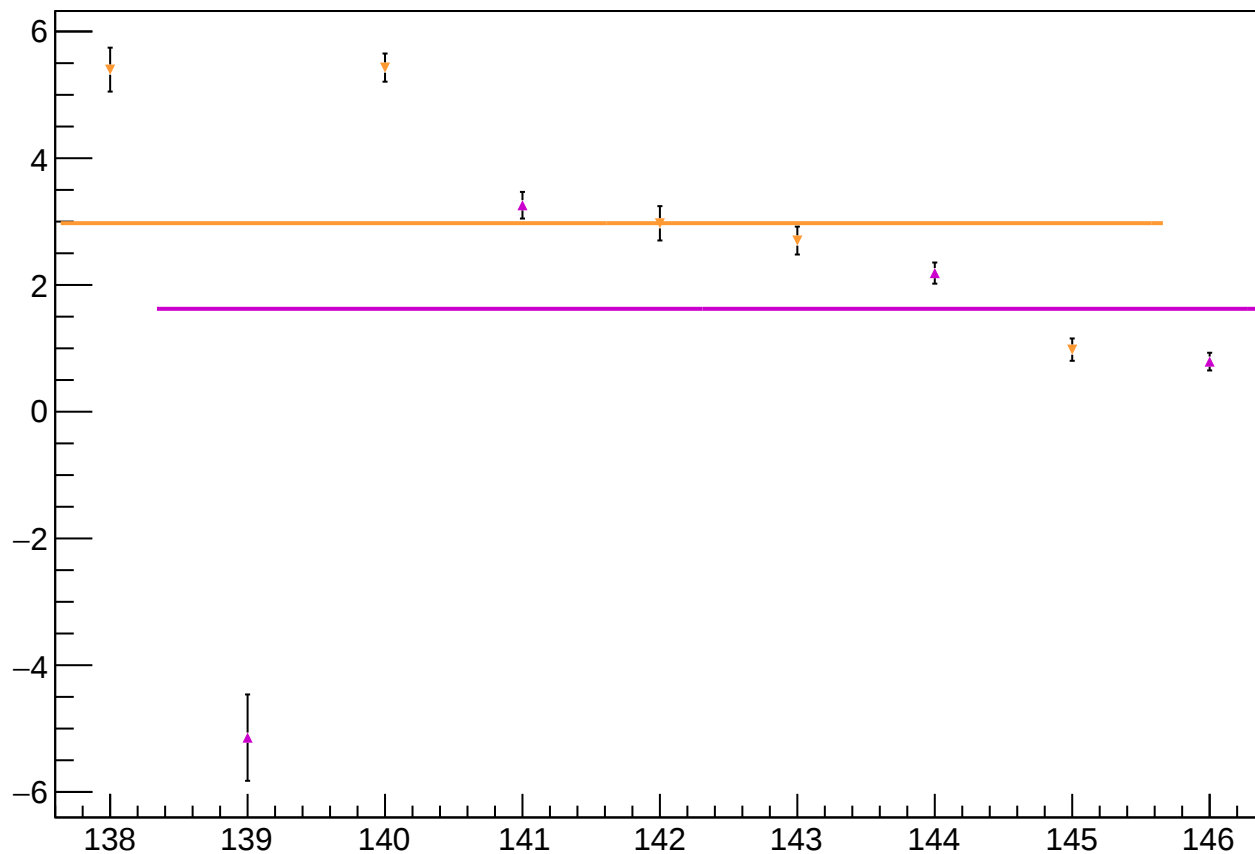
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.732 $\pm$ 0.132 χ^2 /NDF:1598.1/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.860 $\pm$ 0.132 χ^2 /NDF:513.5/3

Left: -6.294 $\pm$ 0.093 χ^2 /NDF: 2347.4/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -4.860 $\pm$ 0.132 χ^2 /NDF:513.5/3
 Out: -7.732 $\pm$ 0.132 χ^2 /NDF:1598.1/4
 All: -6.294 $\pm$ 0.093 χ^2 /NDF: 2347.4/8

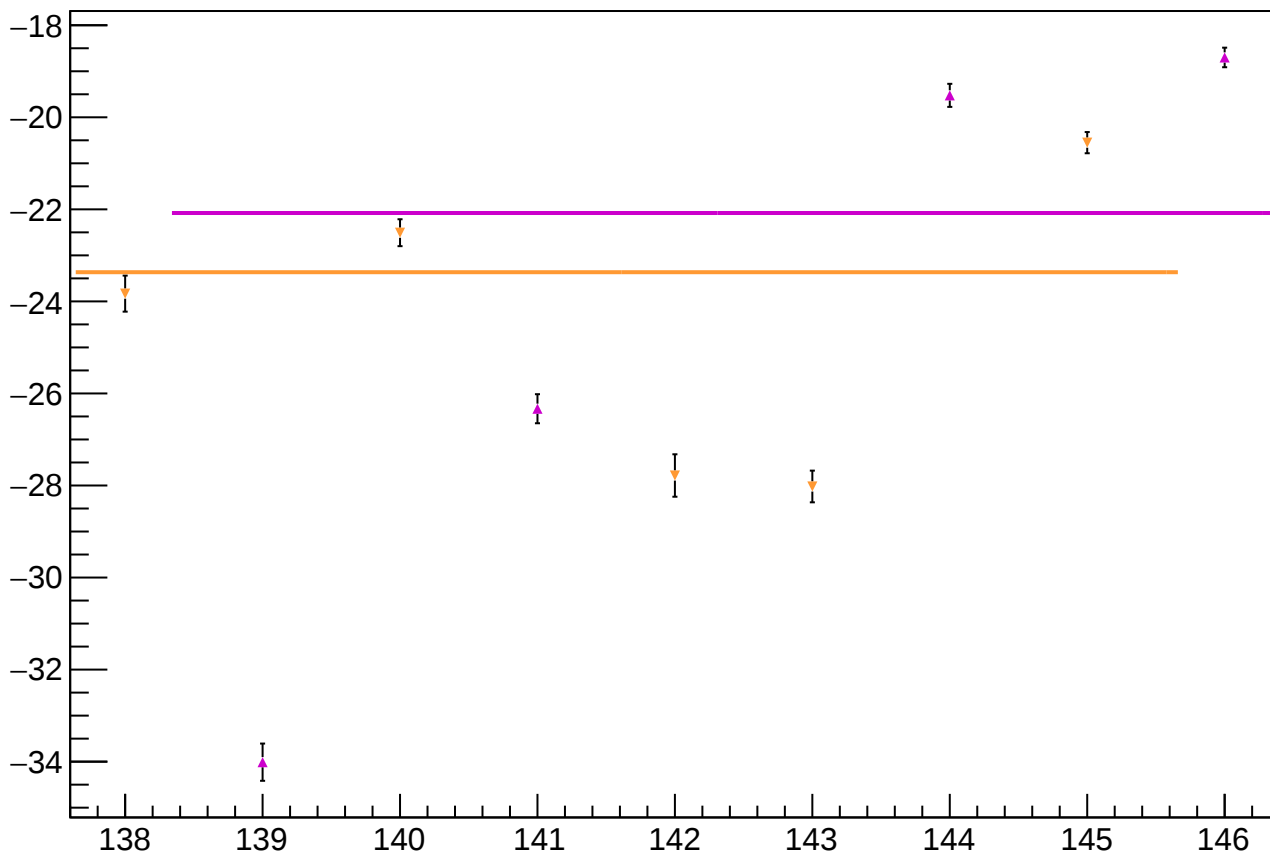
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.975+/-0.103 χ^2/NDF :300.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.624+/-0.094 χ^2/NDF :206.2/3

Left: 2.243+/-0.069 χ^2/NDF : 600.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.624+/-0.094 χ^2/NDF :206.2/3
 Out: 2.975+/-0.103 χ^2/NDF :300.4/4
 All: 2.243+/-0.069 χ^2/NDF : 600.5/8

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: -23.366+/-0.141 χ^2/NDF :434.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.079+/-0.136 χ^2/NDF :1408.3/3

Left: -22.698+/-0.098 χ^2/NDF : 1885.4/8

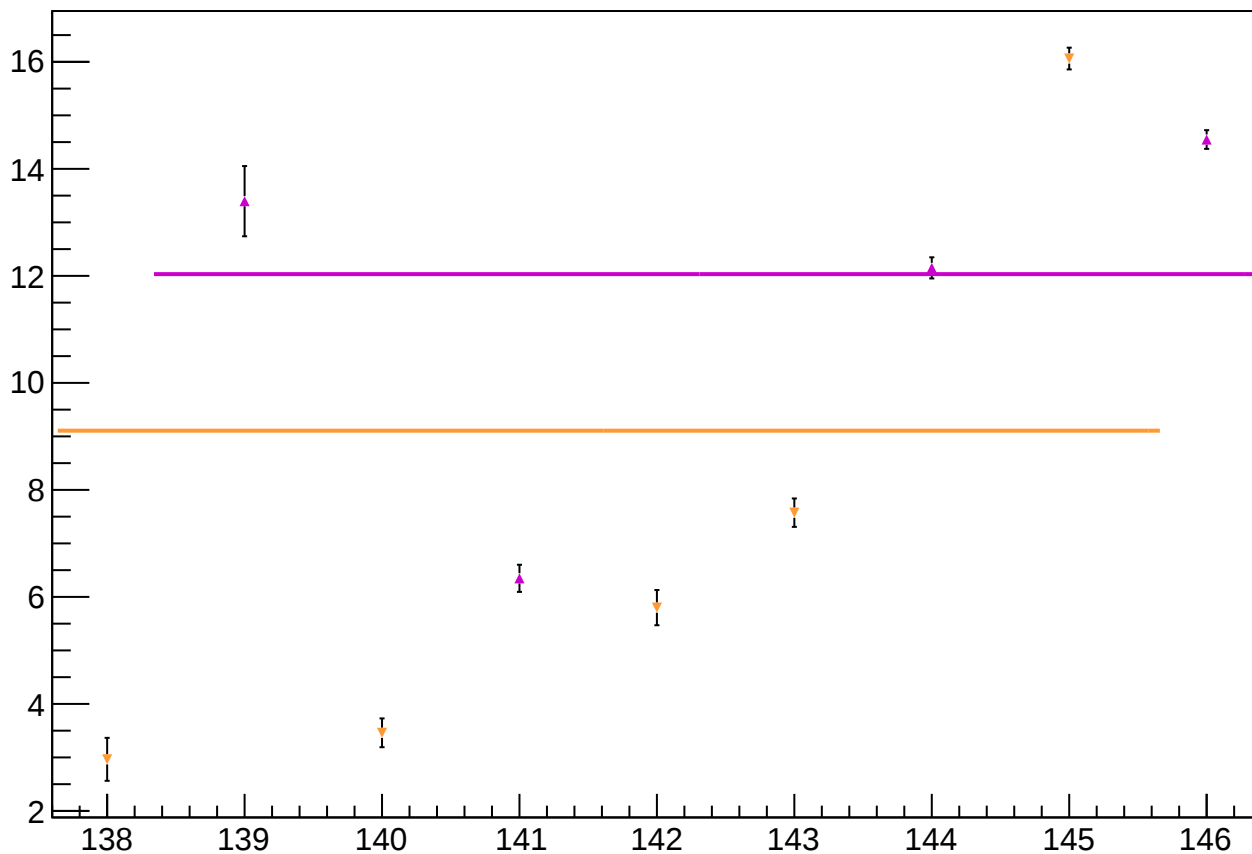
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.079+/-0.136 χ^2/NDF :1408.3/3

Out: -23.366+/-0.141 χ^2/NDF :434.0/4

All: -22.698+/-0.098 χ^2/NDF : 1885.4/8

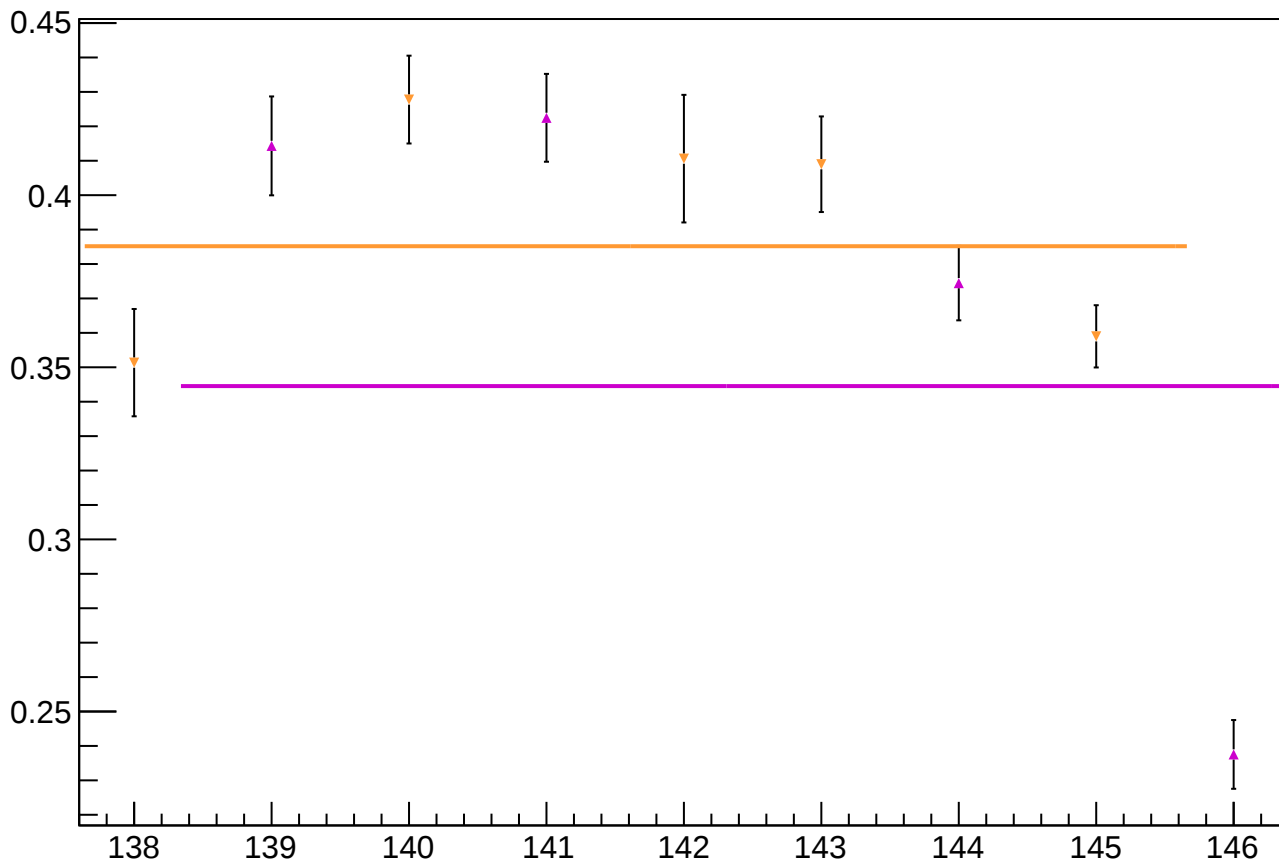
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.107 $\pm$ 0.122 χ^2 /NDF:1980.4/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 12.033 $\pm$ 0.115 χ^2 /NDF:714.1/3

Left: 10.656 $\pm$ 0.083 χ^2 /NDF: 3001.2/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 12.033 $\pm$ 0.115 χ^2 /NDF:714.1/3
 Out: 9.107 $\pm$ 0.122 χ^2 /NDF:1980.4/4
 All: 10.656 $\pm$ 0.083 χ^2 /NDF: 3001.2/8

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.385+/-0.006 χ^2/NDF :29.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.345+/-0.006 χ^2/NDF :183.3/3

Left: 0.365+/-0.004 χ^2/NDF : 237.2/8

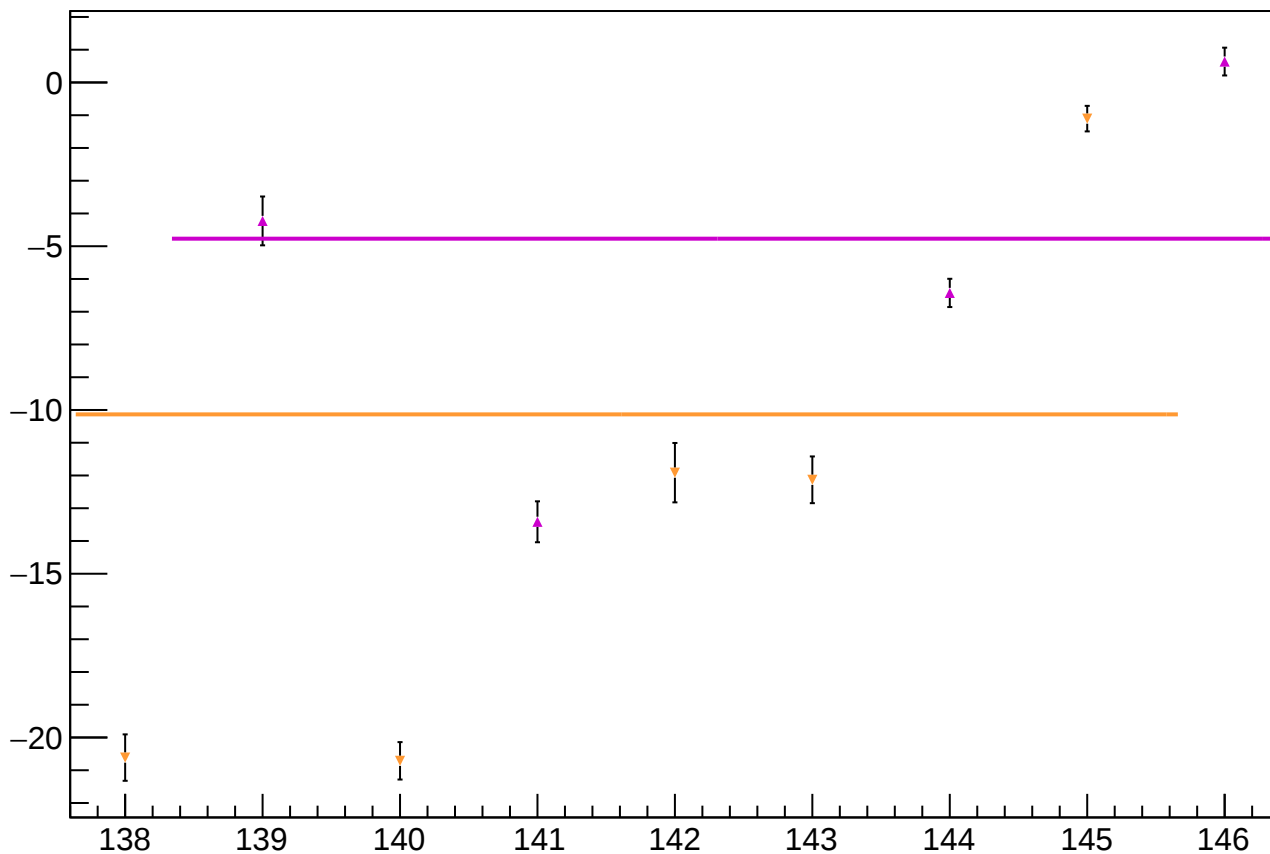
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.345+/-0.006 χ^2/NDF :183.3/3

Out: 0.385+/-0.006 χ^2/NDF :29.1/4

All: 0.365+/-0.004 χ^2/NDF : 237.2/8

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.134+/-0.260 χ^2/NDF :1109.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.770+/-0.256 χ^2/NDF :369.0/3

Left: -7.409+/-0.182 χ^2/NDF : 1694.5/8

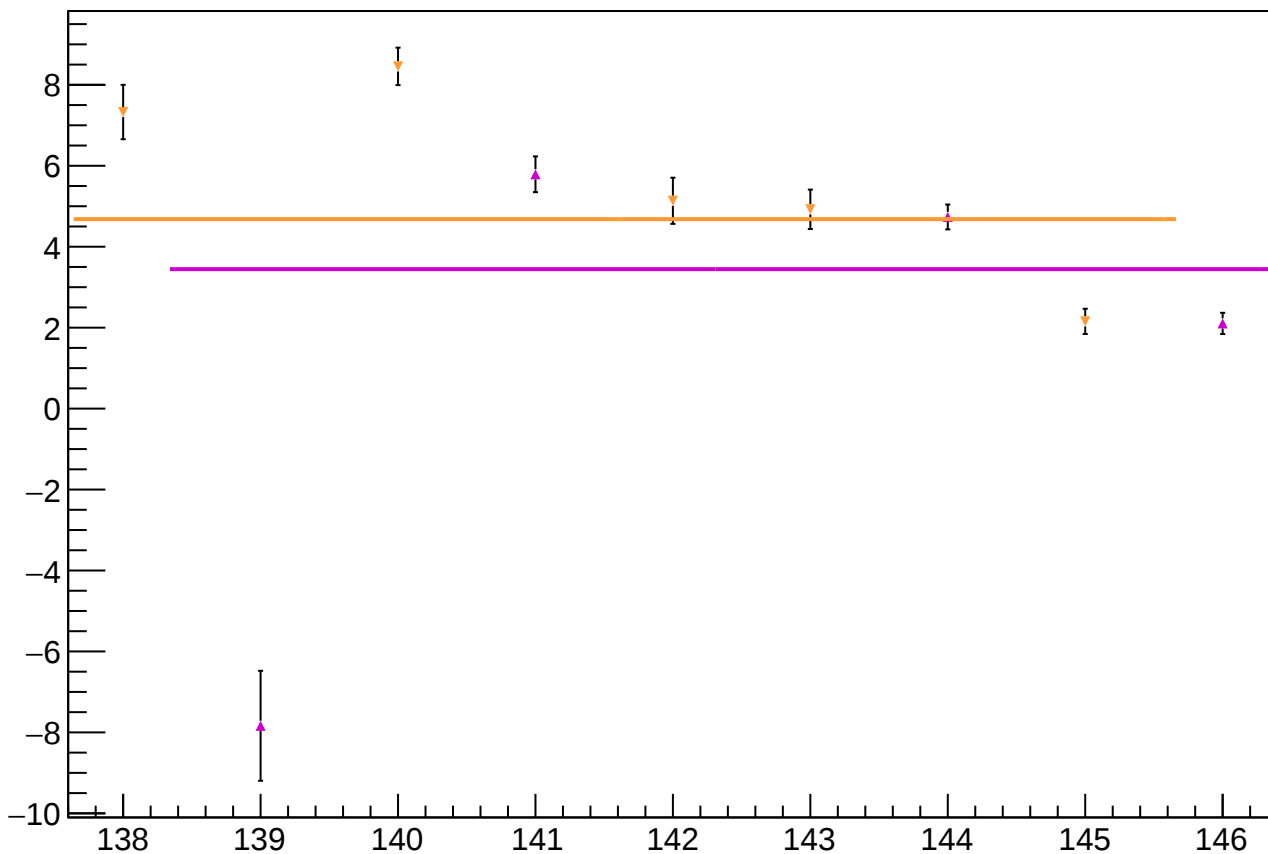
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.770+/-0.256 χ^2/NDF :369.0/3

Out: -10.134+/-0.260 χ^2/NDF :1109.0/4

All: -7.409+/-0.182 χ^2/NDF : 1694.5/8

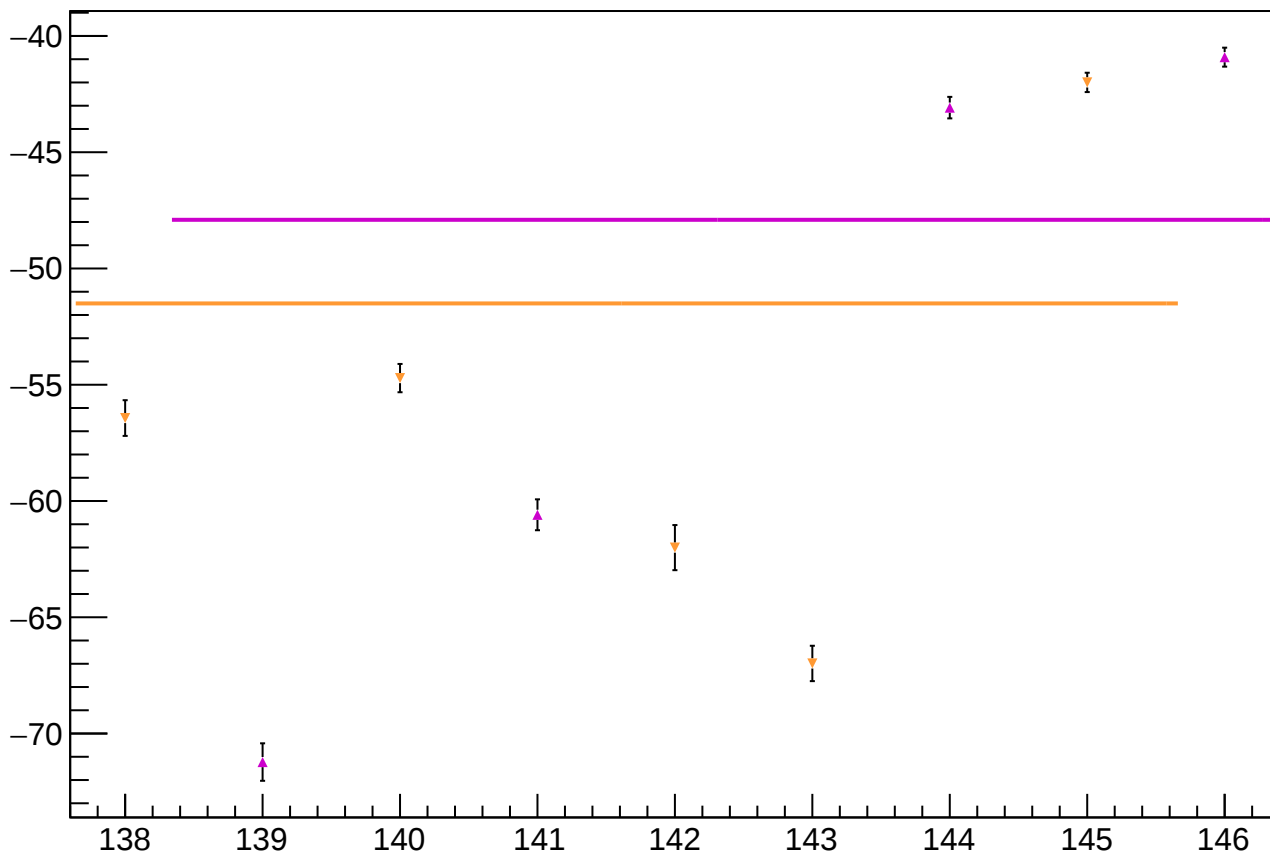
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.682 $\pm$ 0.202 χ^2 /NDF:148.6/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.446 $\pm$ 0.180 χ^2 /NDF:140.9/3

Left: 3.993 $\pm$ 0.134 χ^2 /NDF: 310.3/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.446 $\pm$ 0.180 χ^2 /NDF:140.9/3
 Out: 4.682 $\pm$ 0.202 χ^2 /NDF:148.6/4
 All: 3.993 $\pm$ 0.134 χ^2 /NDF: 310.3/8

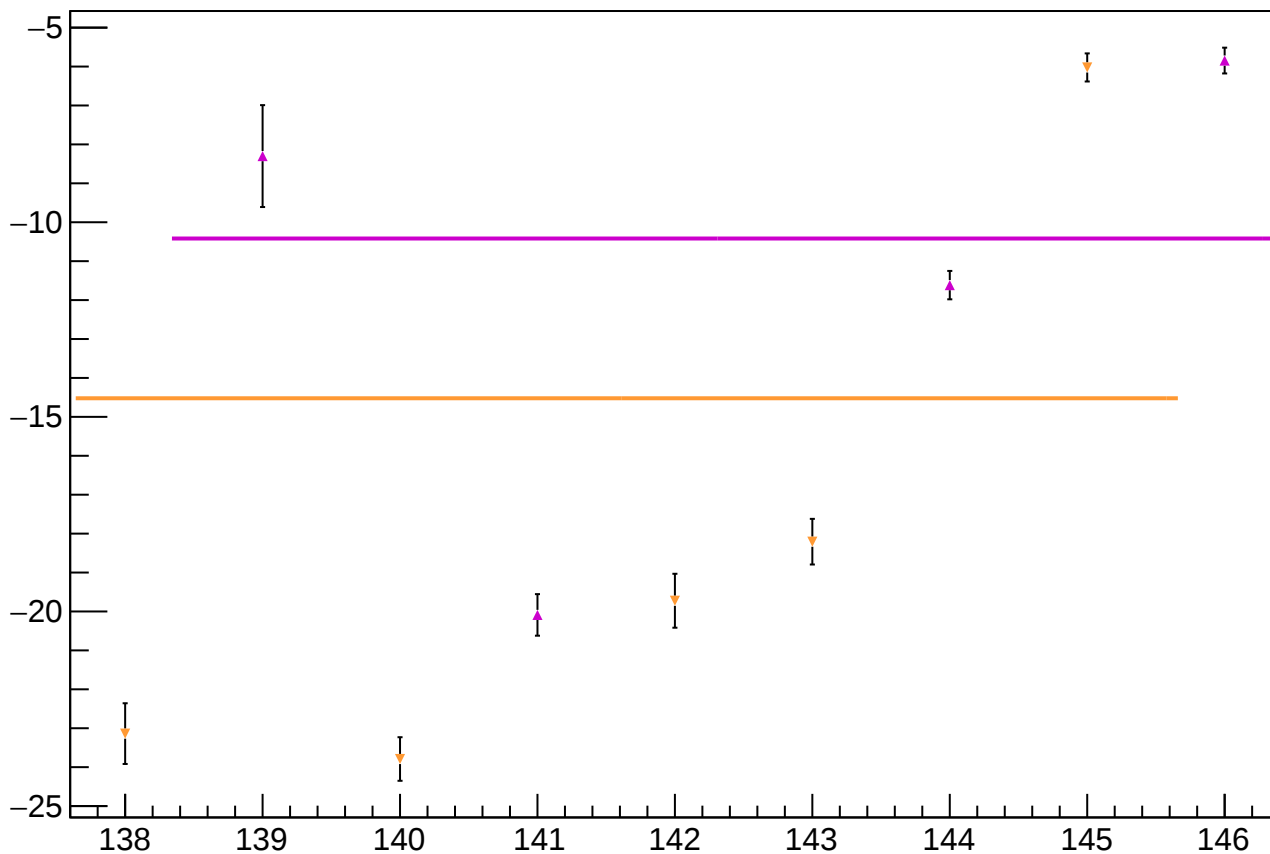
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -51.503+/-0.278 χ^2/NDF :1122.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -47.906+/-0.263 χ^2/NDF :1604.6/3

Left: -49.605+/-0.191 χ^2/NDF : 2816.0/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -47.906+/-0.263 χ^2/NDF :1604.6/3
 Out: -51.503+/-0.278 χ^2/NDF :1122.9/4
 All: -49.605+/-0.191 χ^2/NDF : 2816.0/8

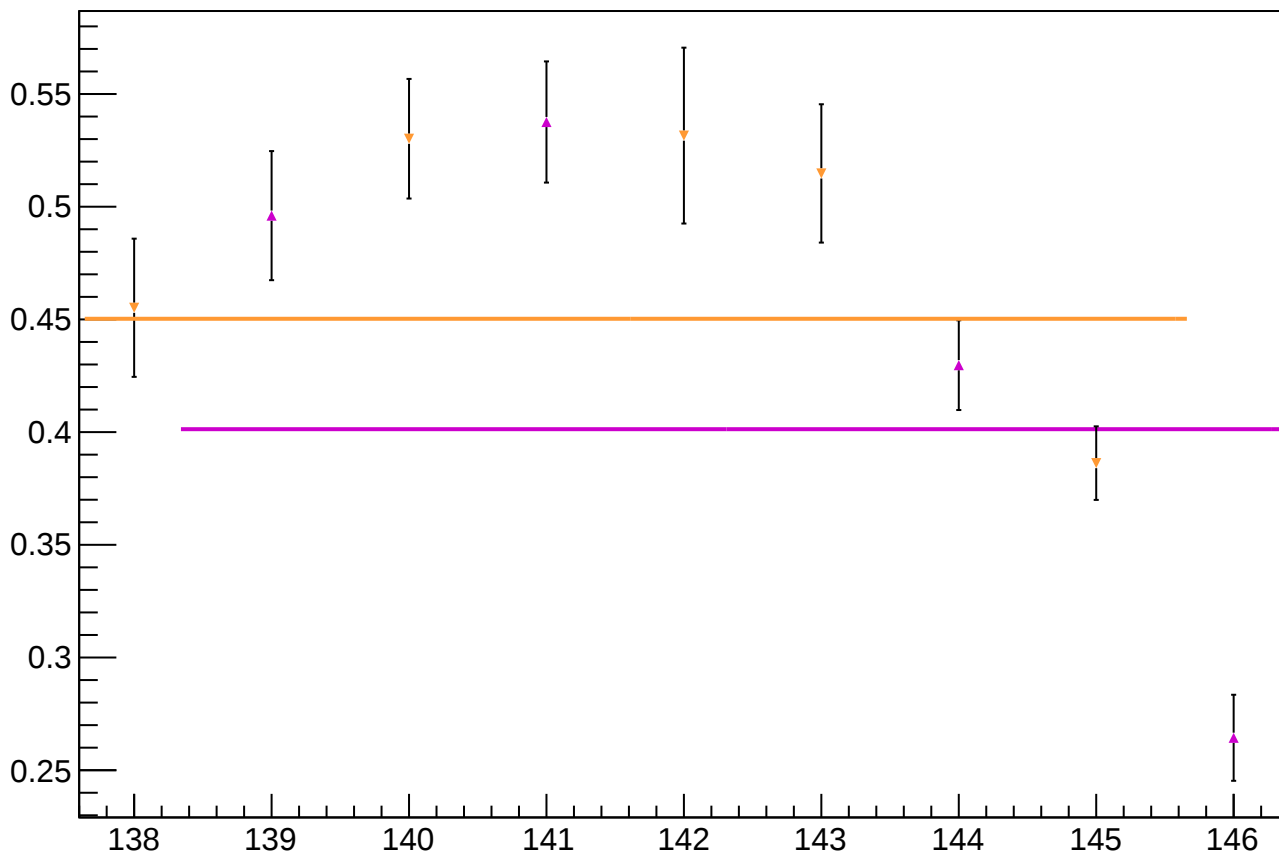
reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.522+/-0.239 χ^2/NDF :1046.6/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.418+/-0.220 χ^2/NDF :532.1/3

Left: -12.297+/-0.162 χ^2/NDF : 1738.6/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.418+/-0.220 χ^2/NDF :532.1/3
 Out: -14.522+/-0.239 χ^2/NDF :1046.6/4
 All: -12.297+/-0.162 χ^2/NDF : 1738.6/8

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: 0.450 $\pm$ 0.011 χ^2 /NDF:33.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Left: 0.426 $\pm$ 0.008 χ^2 /NDF: 132.9/8

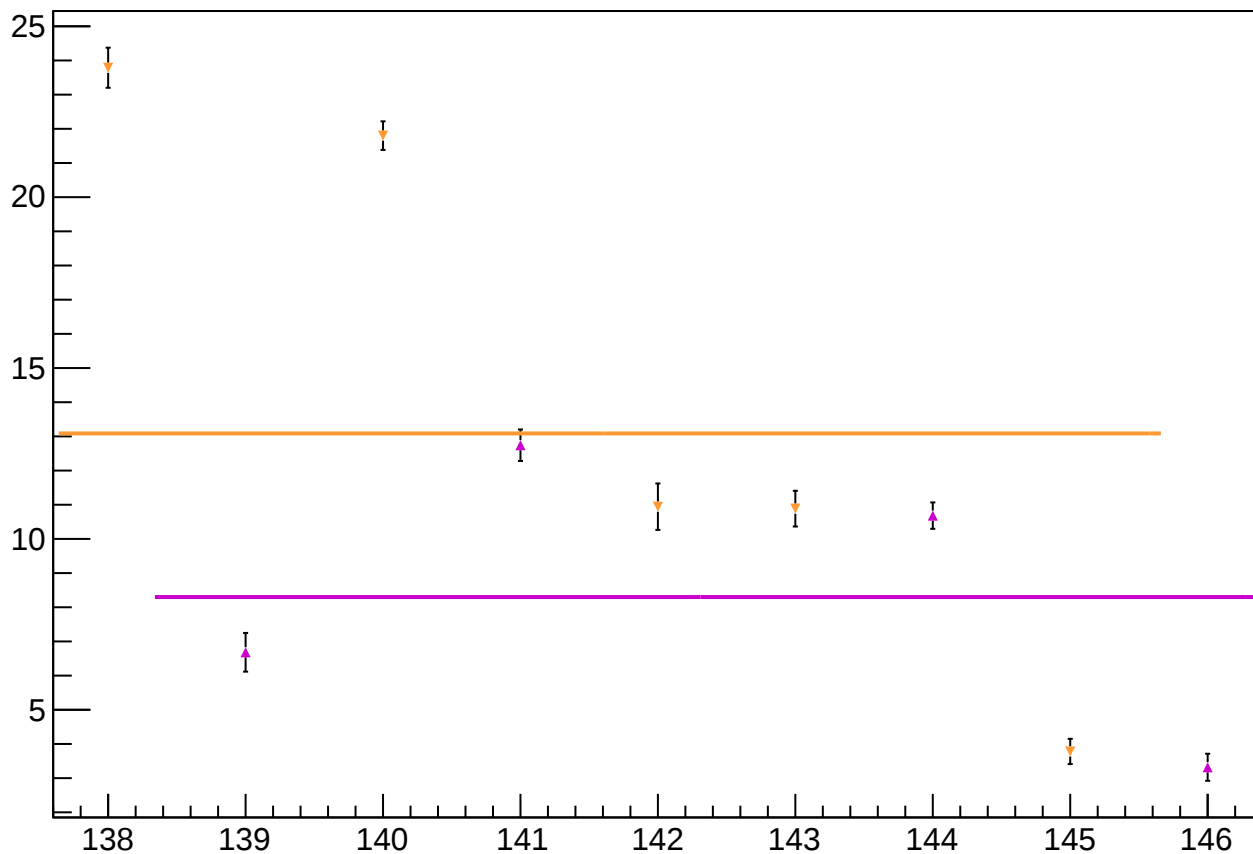
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Out: 0.450 $\pm$ 0.011 χ^2 /NDF:33.2/4

All: 0.426 $\pm$ 0.008 χ^2 /NDF: 132.9/8

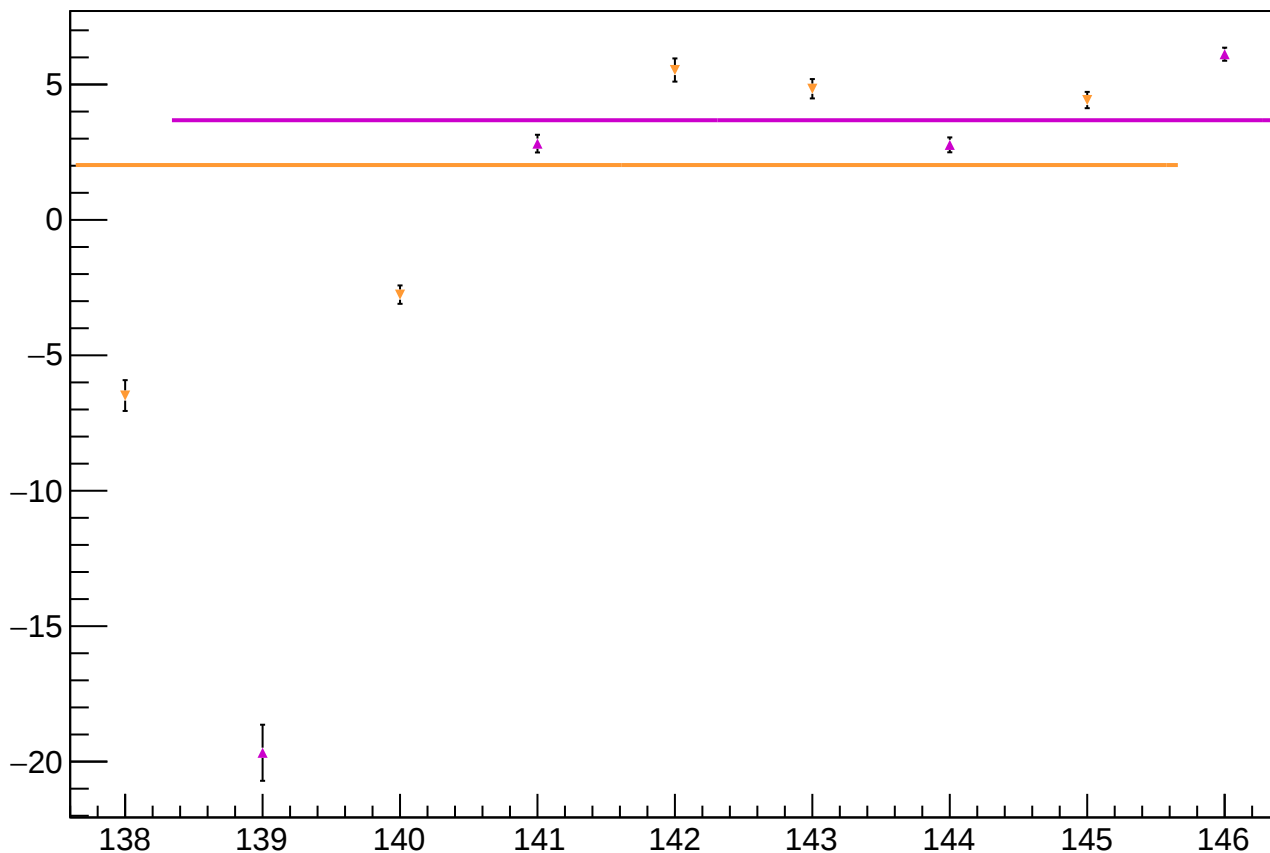
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.087+/-0.214 χ^2/NDF :1428.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.300+/-0.219 χ^2/NDF :297.5/3

Left: 10.742+/-0.153 χ^2/NDF : 1970.8/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.300+/-0.219 χ^2/NDF :297.5/3
 Out: 13.087+/-0.214 χ^2/NDF :1428.8/4
 All: 10.742+/-0.153 χ^2/NDF : 1970.8/8

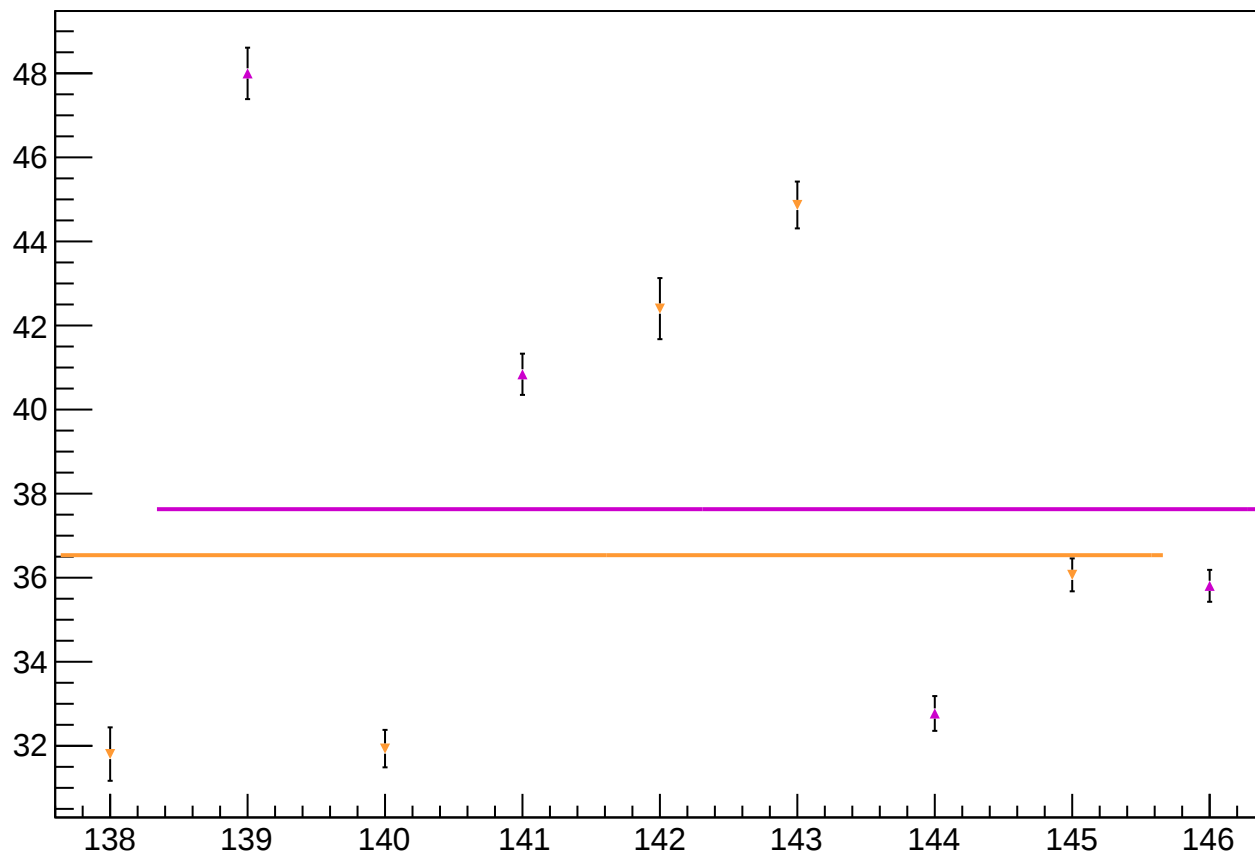
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.026+/-0.166 χ^2 /NDF:615.2/4
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 3.680+/-0.157 χ^2 /NDF:628.9/3

Left: 2.902+/-0.114 χ^2 /NDF: 1296.5/8
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 3.680+/-0.157 χ^2 /NDF:628.9/3
 Out: 2.026+/-0.166 χ^2 /NDF:615.2/4
 All: 2.902+/-0.114 χ^2 /NDF: 1296.5/8

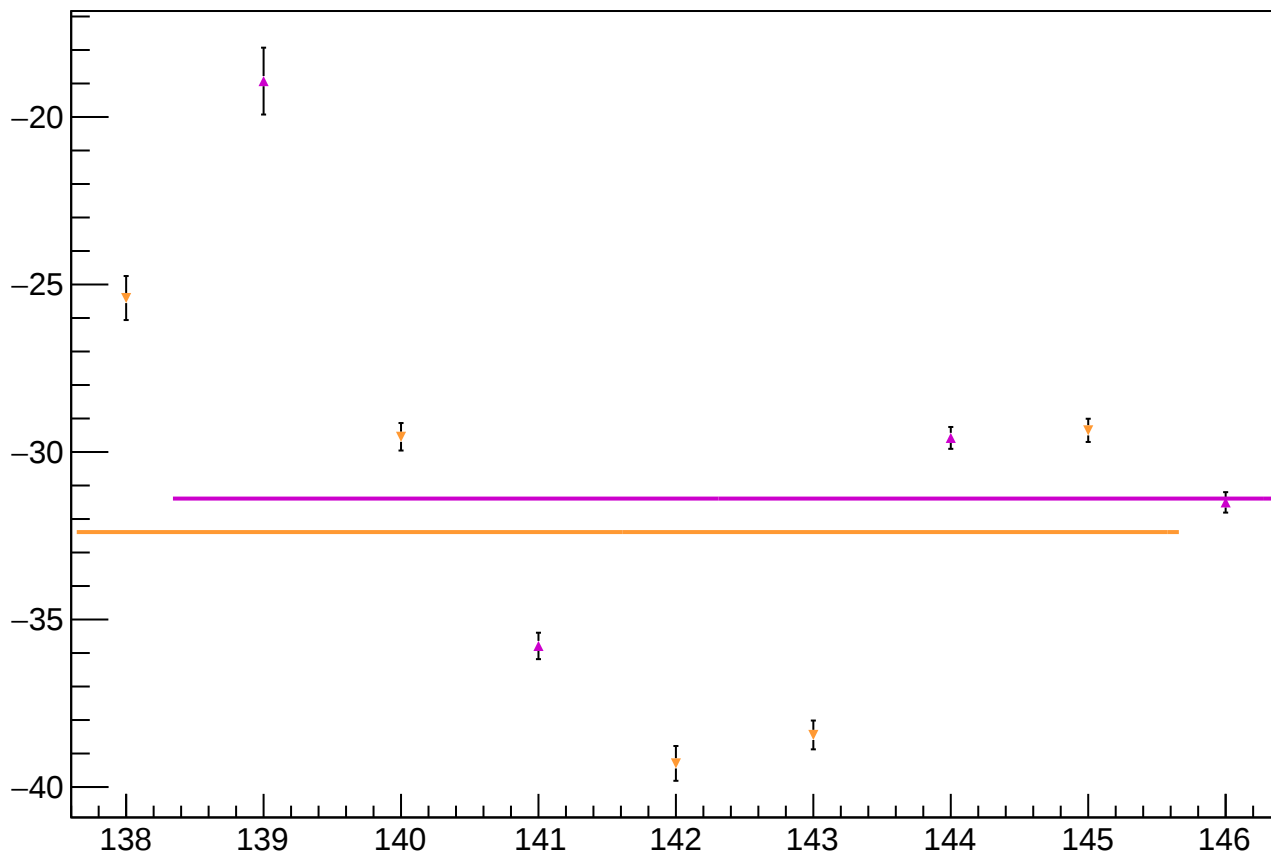
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.536+/-0.229 χ^2/NDF : 452.3/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.630+/-0.226 χ^2/NDF : 490.9/3

Left: 37.089+/-0.161 χ^2/NDF : 954.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.630+/-0.226 χ^2/NDF : 490.9/3
 Out: 36.536+/-0.229 χ^2/NDF : 452.3/4
 All: 37.089+/-0.161 χ^2/NDF : 954.9/8

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.390+/-0.197 χ^2/NDF : 612.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Left: -31.872+/-0.137 χ^2/NDF : 937.6/8

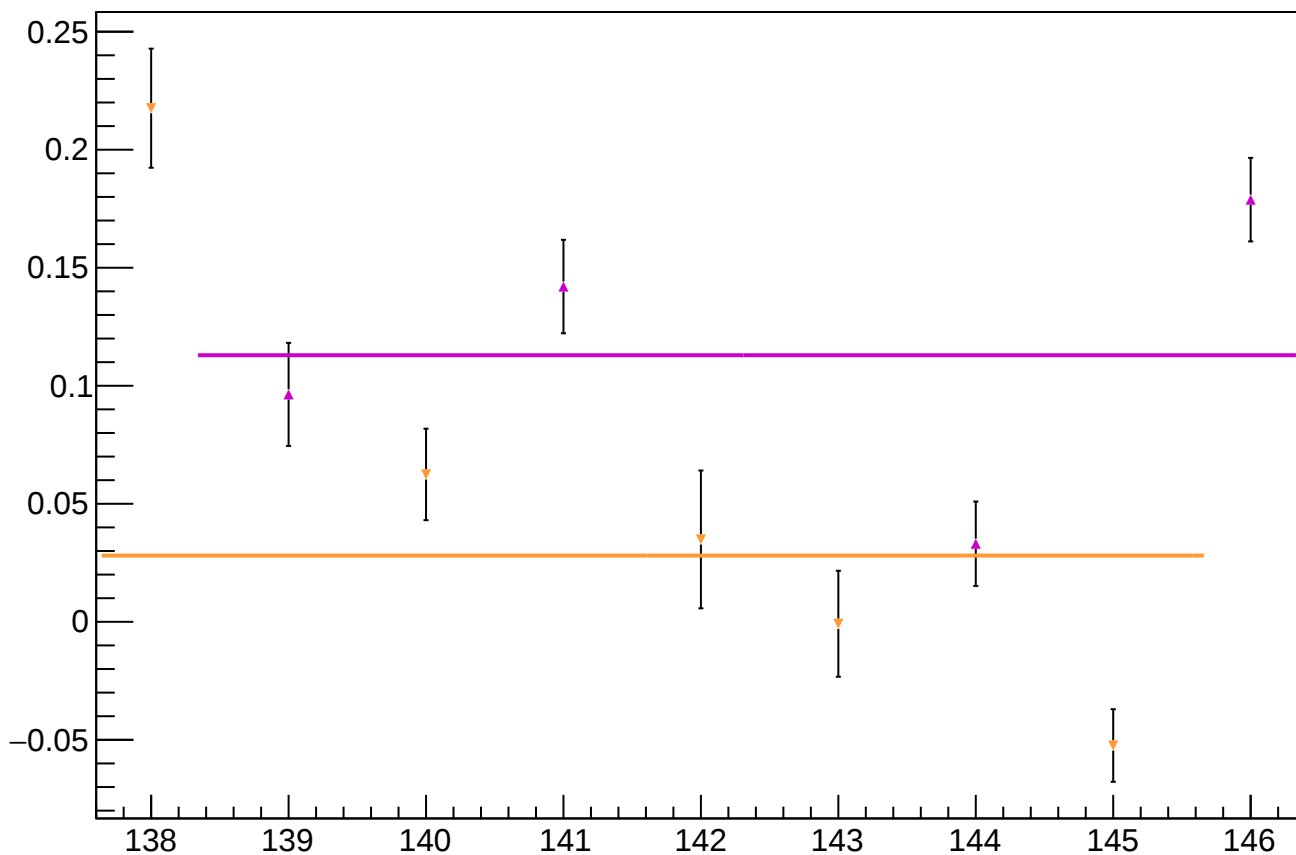
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Out: -32.390+/-0.197 χ^2/NDF : 612.9/4

All: -31.872+/-0.137 χ^2/NDF : 937.6/8

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.028 $\pm$ 0.009 χ^2 /NDF:88.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3

Left: 0.069 $\pm$ 0.007 χ^2 /NDF: 165.9/8

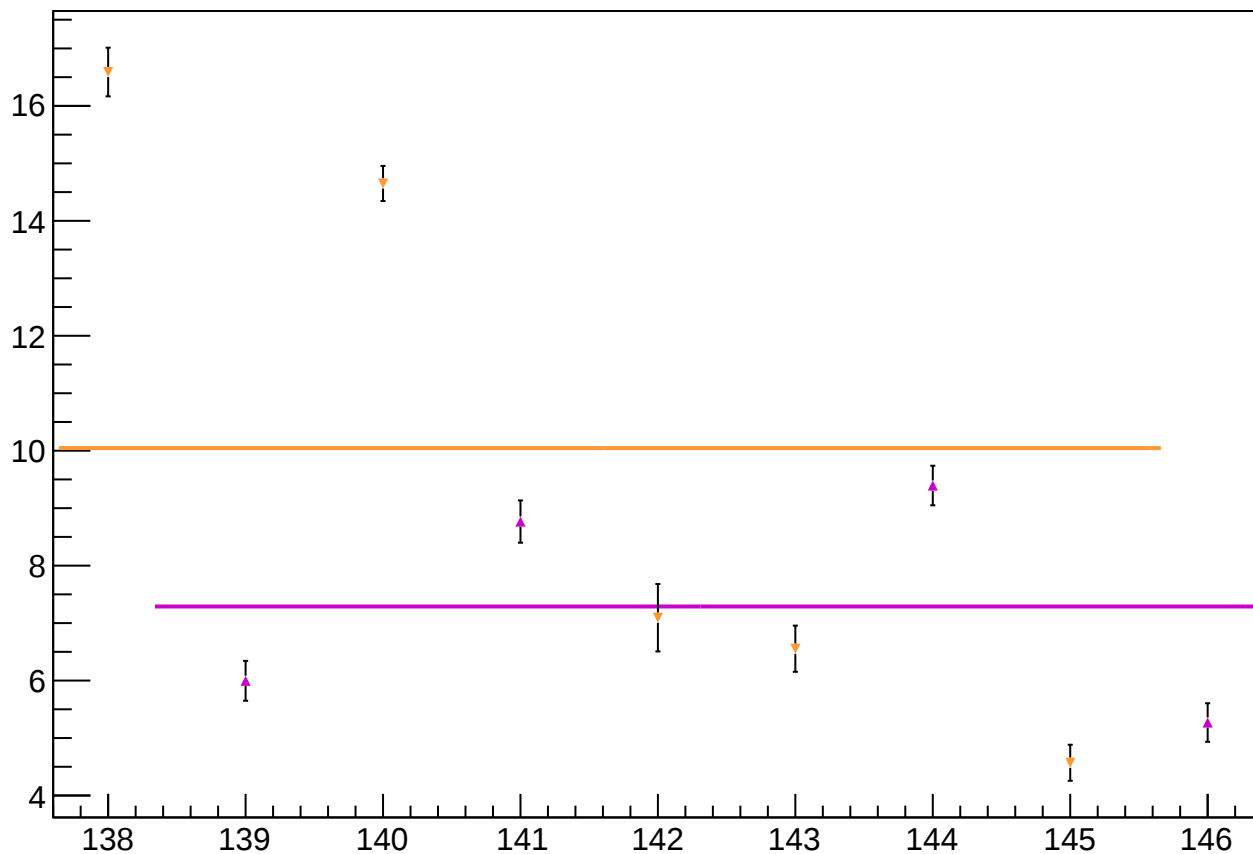
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3

Out: 0.028 $\pm$ 0.009 χ^2 /NDF:88.7/4

All: 0.069 $\pm$ 0.007 χ^2 /NDF: 165.9/8

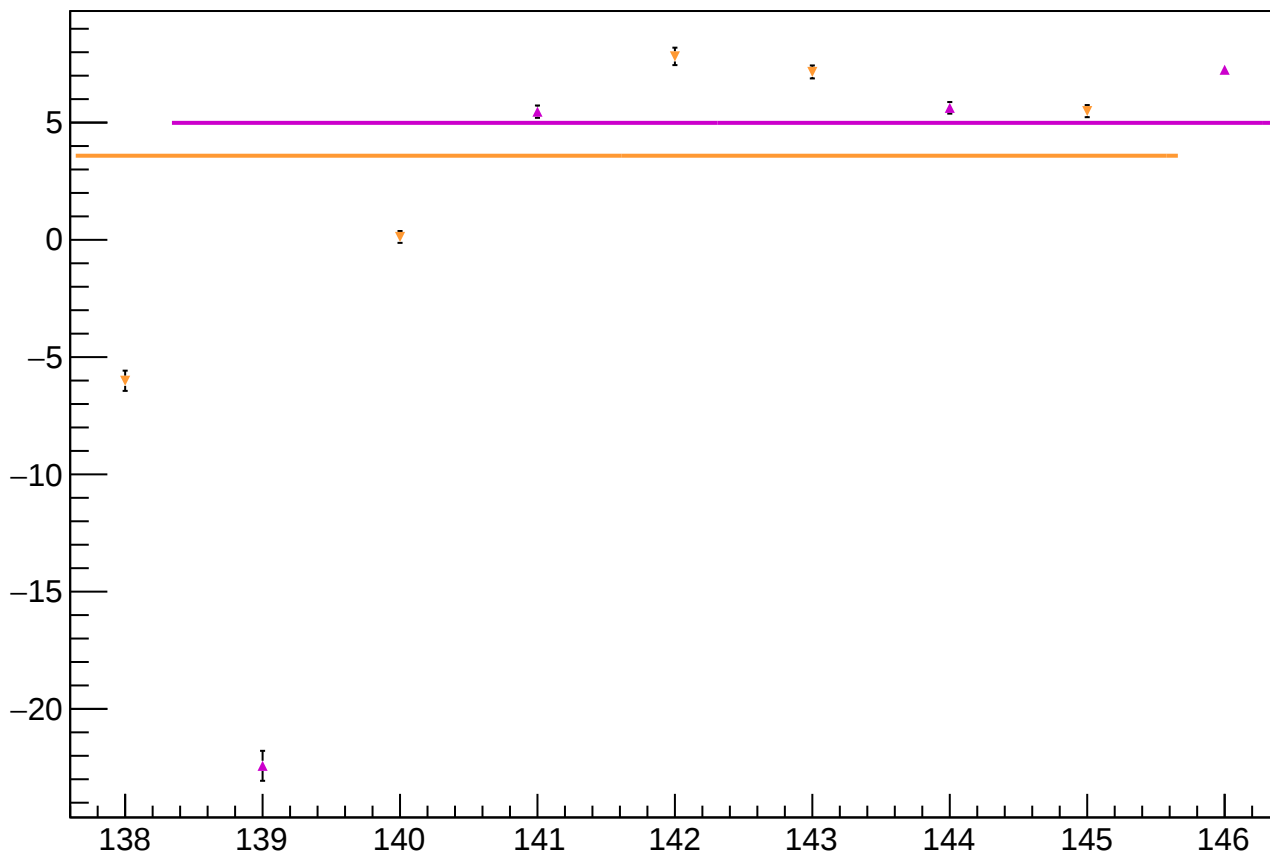
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.046+/-0.168 χ^2/NDF :871.7/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.289+/-0.174 χ^2/NDF :103.6/3

Left: 8.719+/-0.121 χ^2/NDF : 1105.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.289+/-0.174 χ^2/NDF :103.6/3
 Out: 10.046+/-0.168 χ^2/NDF :871.7/4
 All: 8.719+/-0.121 χ^2/NDF : 1105.4/8

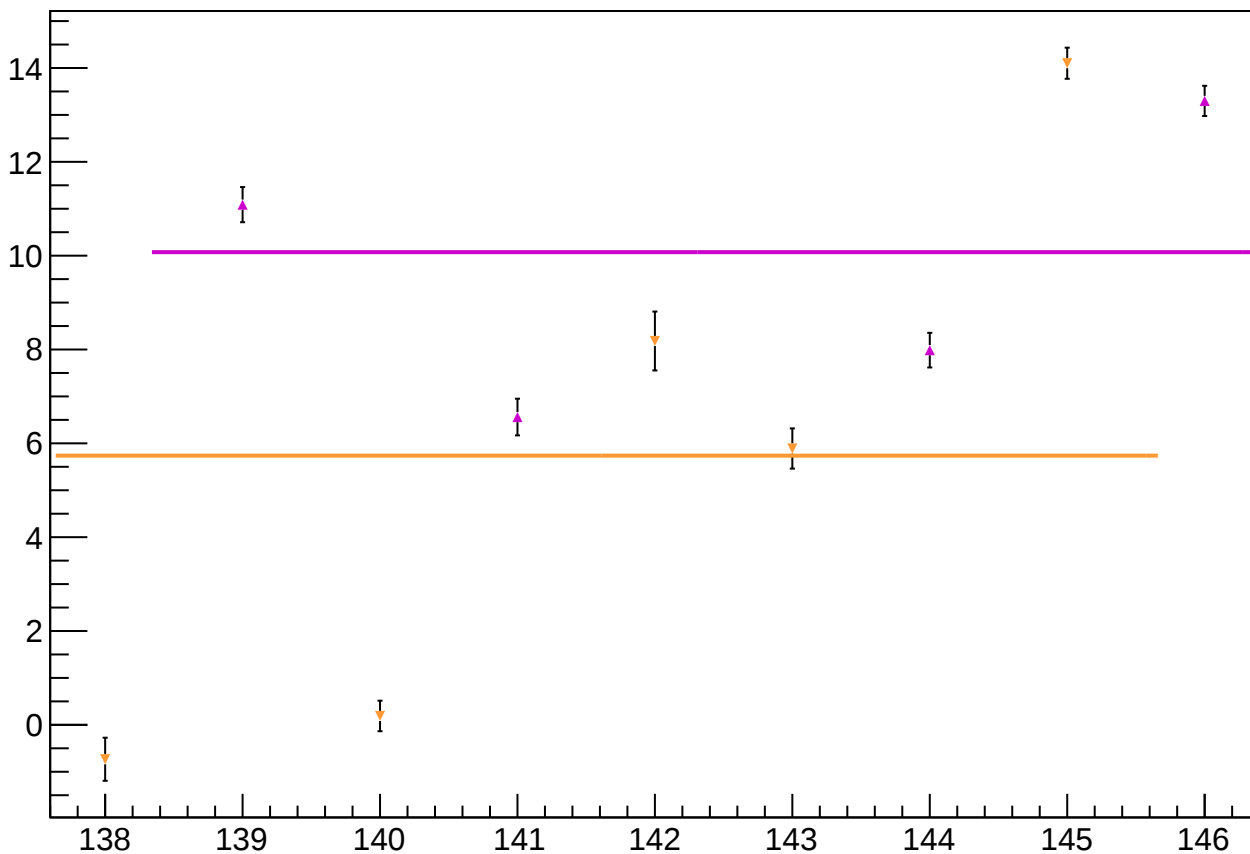
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.587+/-0.133 χ^2/NDF :1033.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.988+/-0.135 χ^2/NDF :1963.6/3

Left: 4.281+/-0.095 χ^2/NDF : 3051.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.988+/-0.135 χ^2/NDF :1963.6/3
 Out: 3.587+/-0.133 χ^2/NDF :1033.0/4
 All: 4.281+/-0.095 χ^2/NDF : 3051.4/8

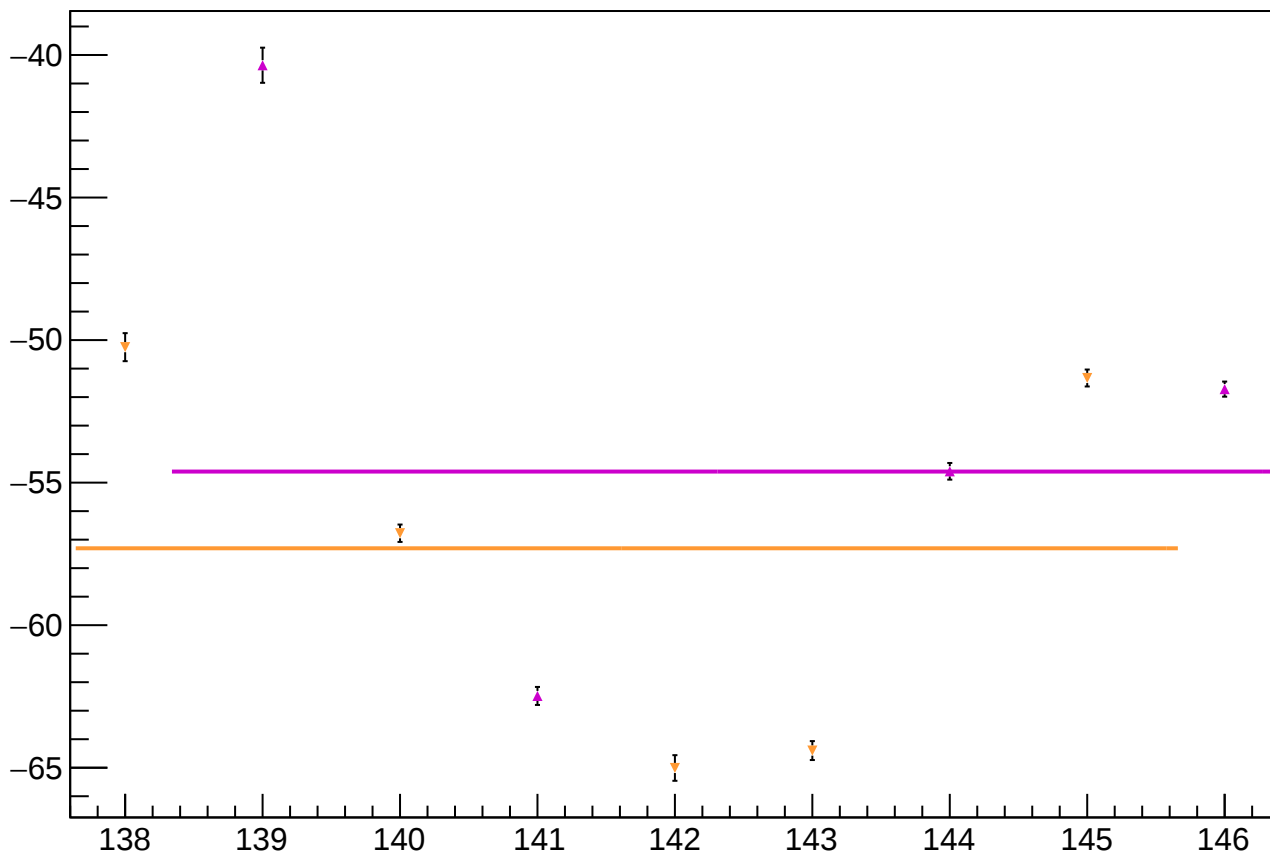
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.737+/-0.179 χ^2/NDF :1140.7/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.075+/-0.181 χ^2/NDF :220.3/3

Left: 7.884+/-0.127 χ^2/NDF : 1652.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.075+/-0.181 χ^2/NDF :220.3/3
 Out: 5.737+/-0.179 χ^2/NDF :1140.7/4
 All: 7.884+/-0.127 χ^2/NDF : 1652.2/8

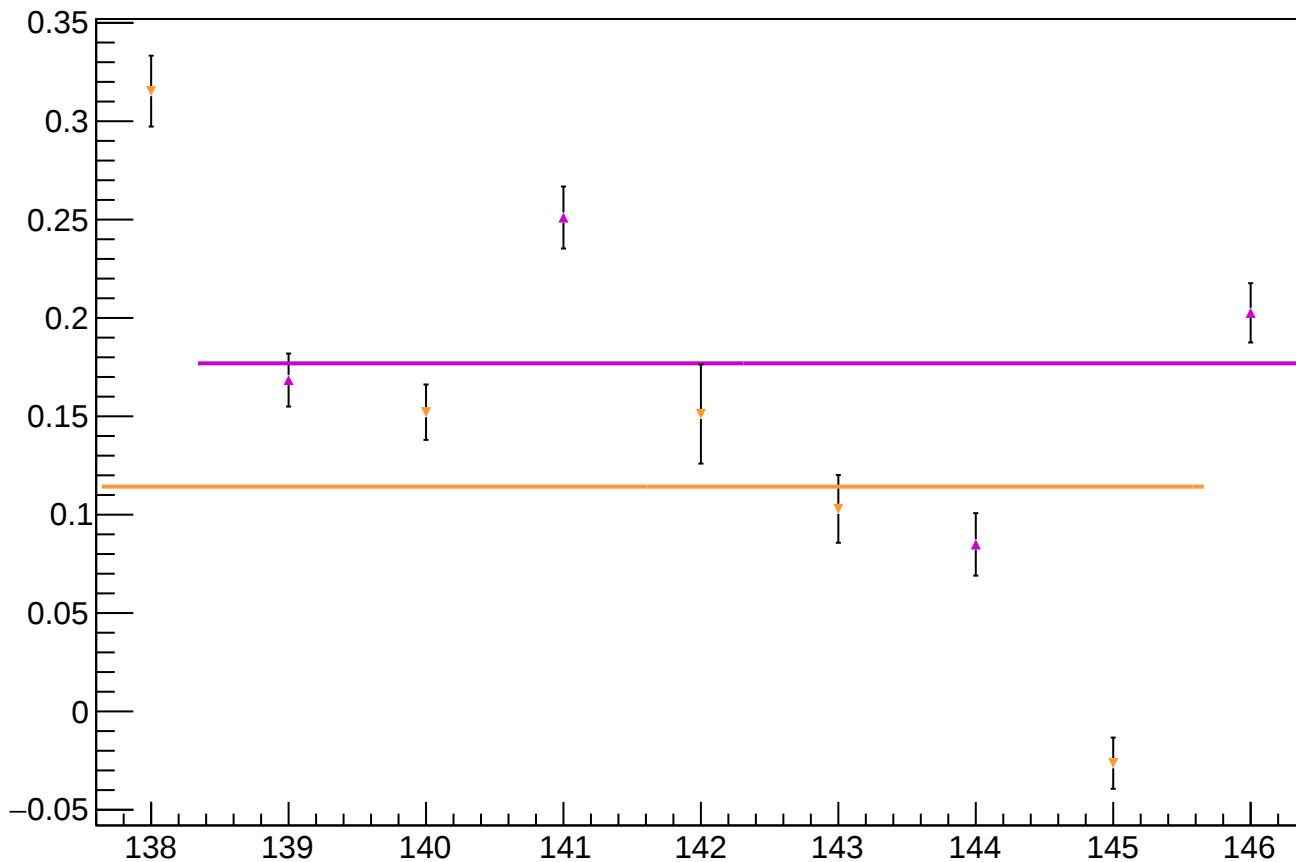
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.303+/-0.158 χ^2/NDF :1363.6/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.612+/-0.161 χ^2/NDF :1274.5/3

Left: -55.985+/-0.113 χ^2/NDF : 2780.8/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -54.612+/-0.161 χ^2/NDF :1274.5/3
 Out: -57.303+/-0.158 χ^2/NDF :1363.6/4
 All: -55.985+/-0.113 χ^2/NDF : 2780.8/8

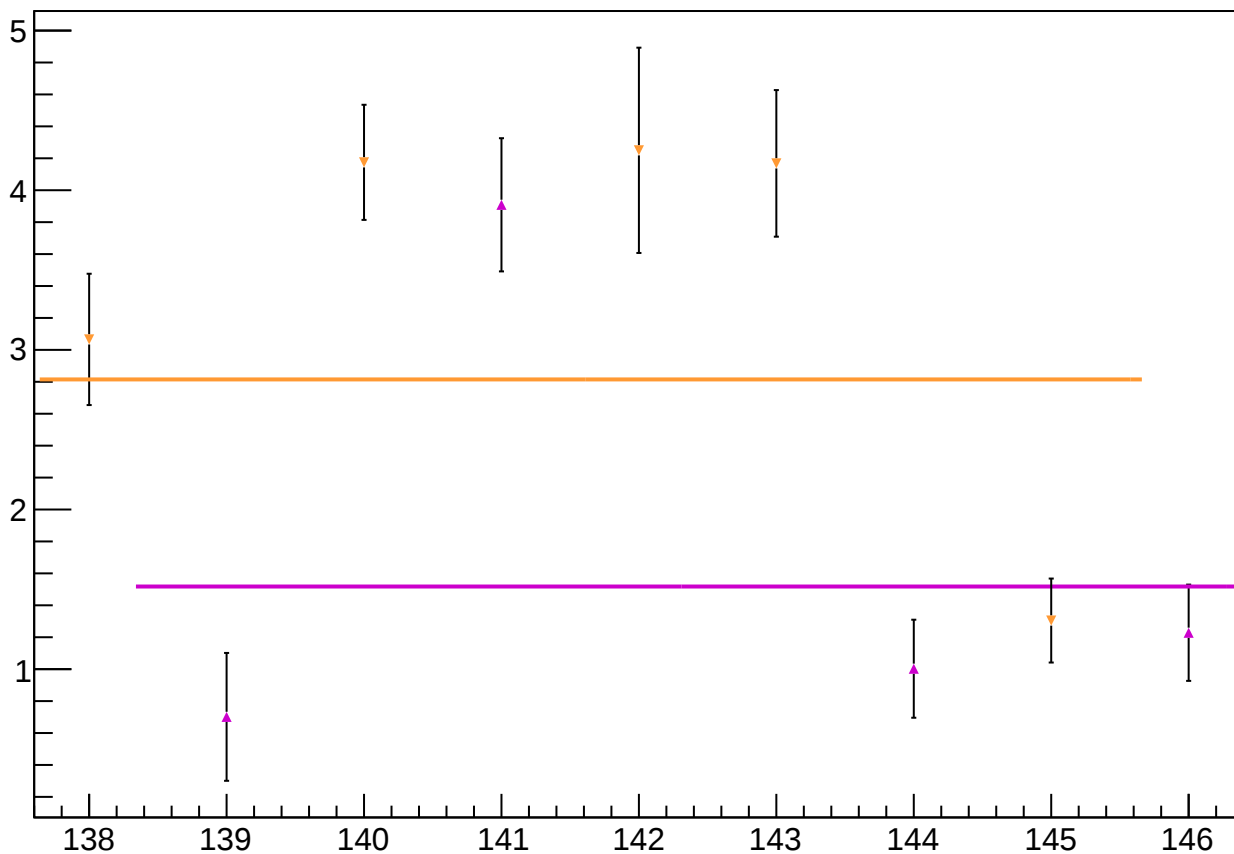
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.114+/-0.007 χ^2/NDF :251.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.177+/-0.007 χ^2/NDF :59.0/3

Left: 0.145+/-0.005 χ^2/NDF : 346.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.177+/-0.007 χ^2/NDF :59.0/3
 Out: 0.114+/-0.007 χ^2/NDF :251.1/4
 All: 0.145+/-0.005 χ^2/NDF : 346.2/8

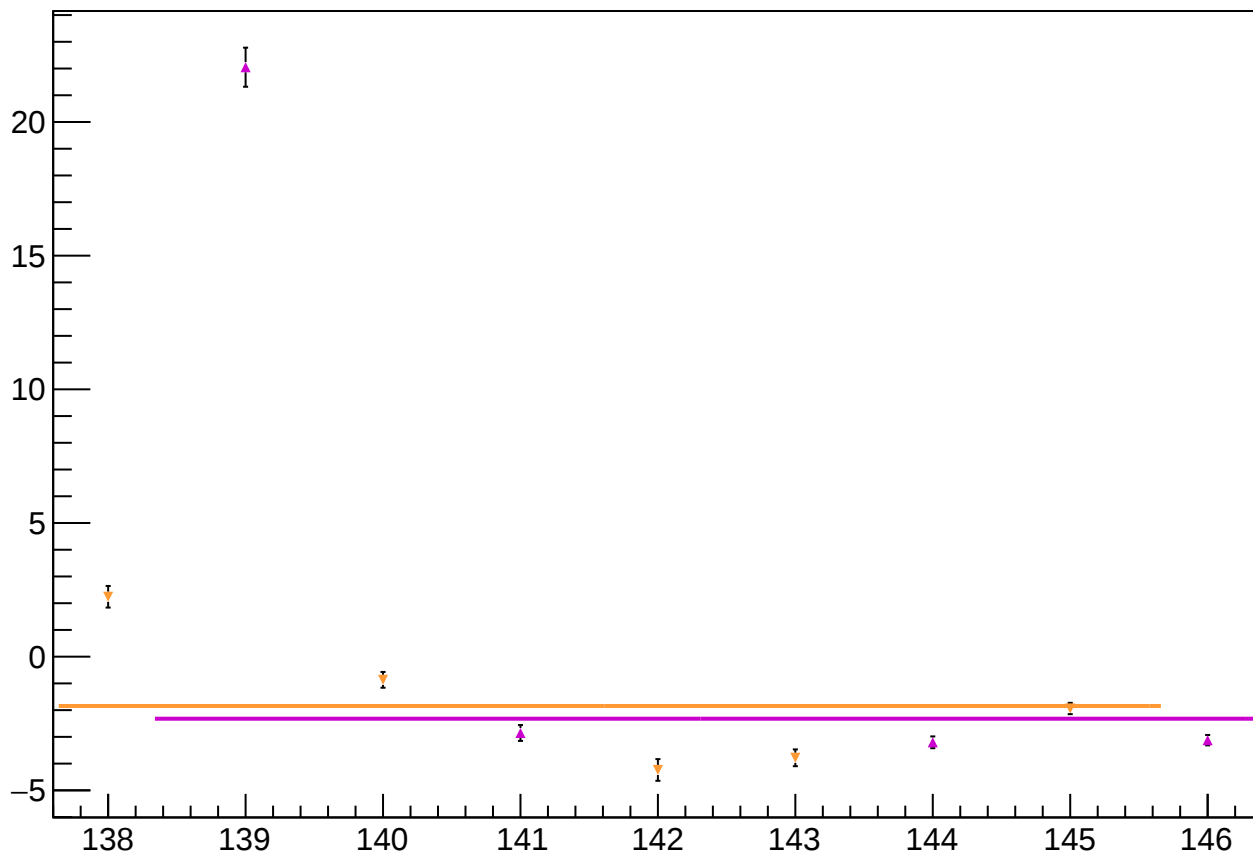
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.815 $\pm$ 0.168 χ^2 /NDF:61.2/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

Left: 2.182 $\pm$ 0.121 χ^2 /NDF: 130.9/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3
 Out: 2.815 $\pm$ 0.168 χ^2 /NDF:61.2/4
 All: 2.182 $\pm$ 0.121 χ^2 /NDF: 130.9/8

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: -1.845+/-0.133 χ^2/NDF :186.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.321+/-0.129 χ^2/NDF :1147.7/3

Left: -2.091+/-0.093 χ^2/NDF : 1340.4/8

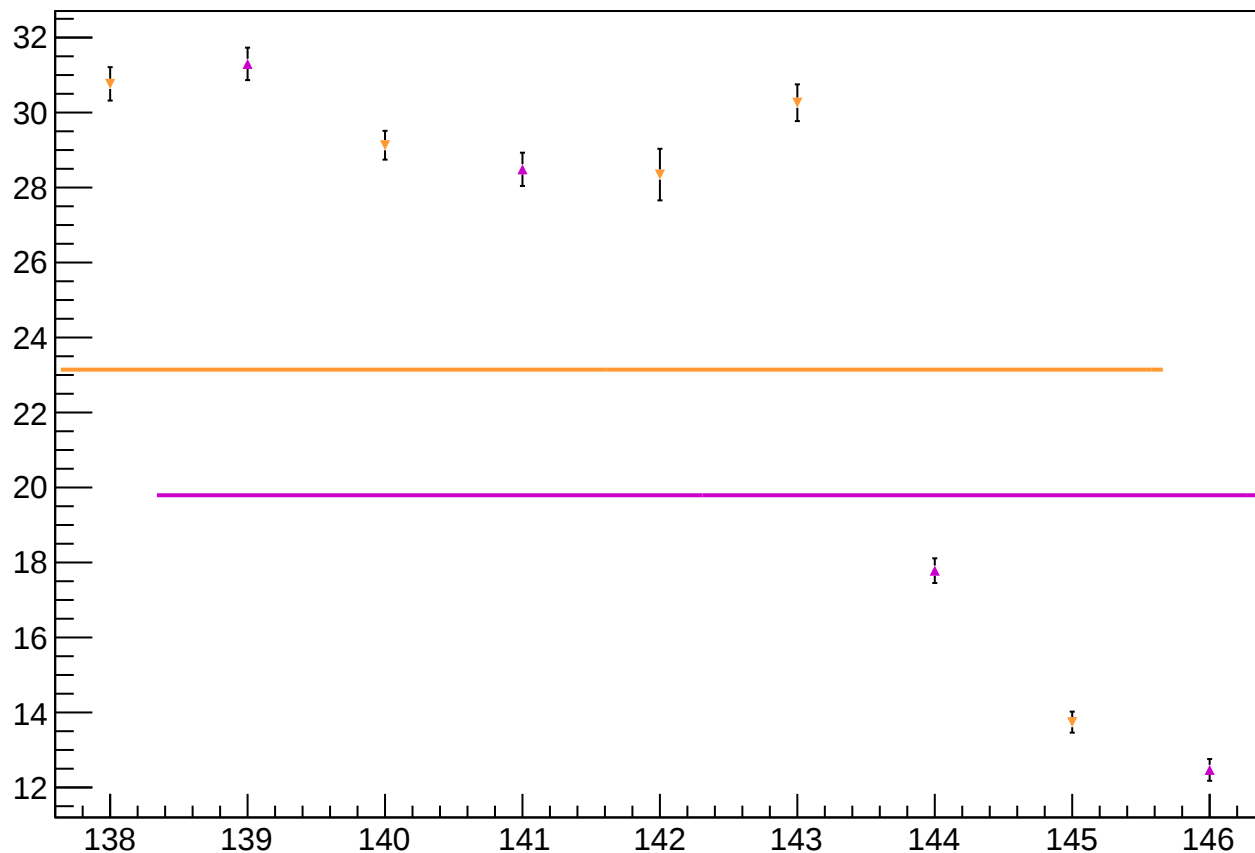
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.321+/-0.129 χ^2/NDF :1147.7/3

Out: -1.845+/-0.133 χ^2/NDF :186.1/4

All: -2.091+/-0.093 χ^2/NDF : 1340.4/8

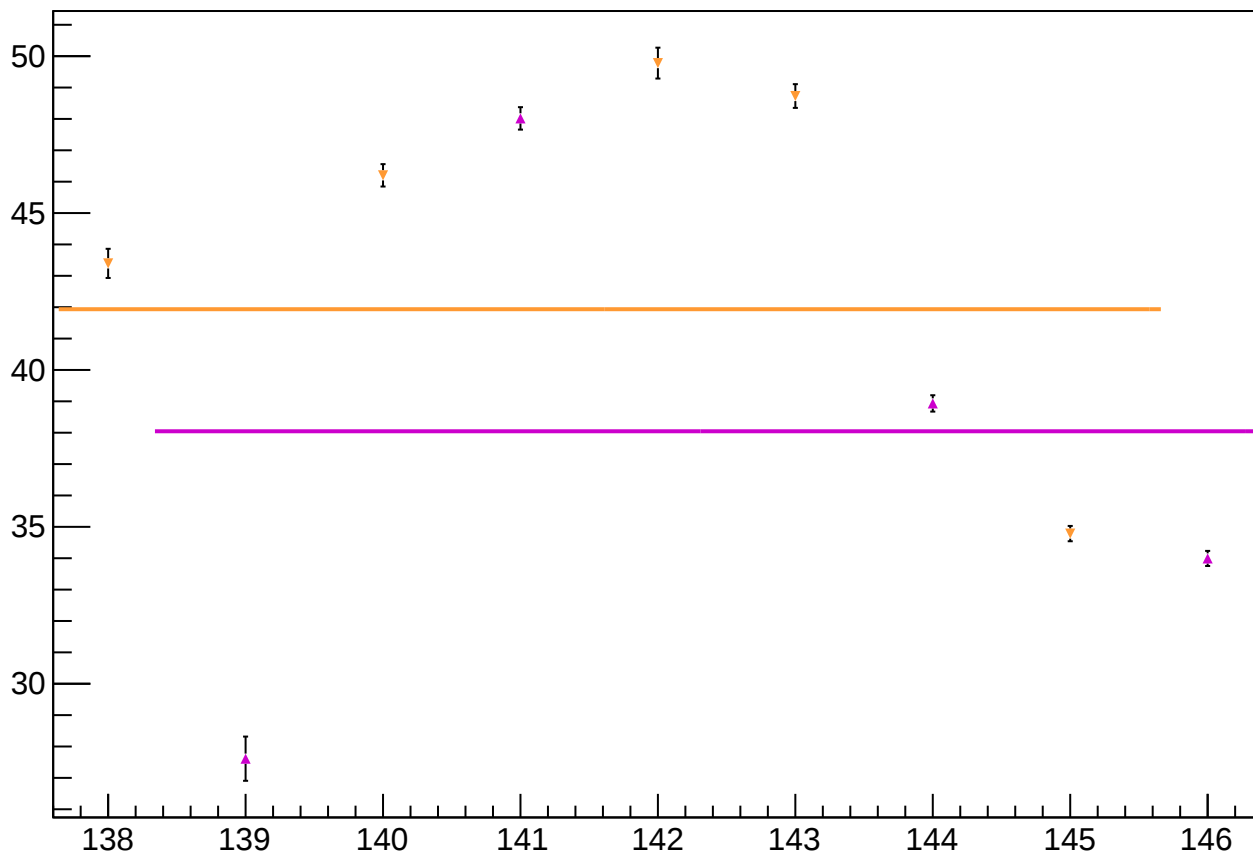
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.144+/-0.180 χ^2/NDF :1928.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.793+/-0.178 χ^2/NDF :1766.2/3

Left: 21.449+/-0.127 χ^2/NDF : 3869.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.793+/-0.178 χ^2/NDF :1766.2/3
 Out: 23.144+/-0.180 χ^2/NDF :1928.4/4
 All: 21.449+/-0.127 χ^2/NDF : 3869.5/8

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: 41.936+/-0.157 χ^2/NDF :1588.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Left: 39.957+/-0.110 χ^2/NDF : 3192.3/8

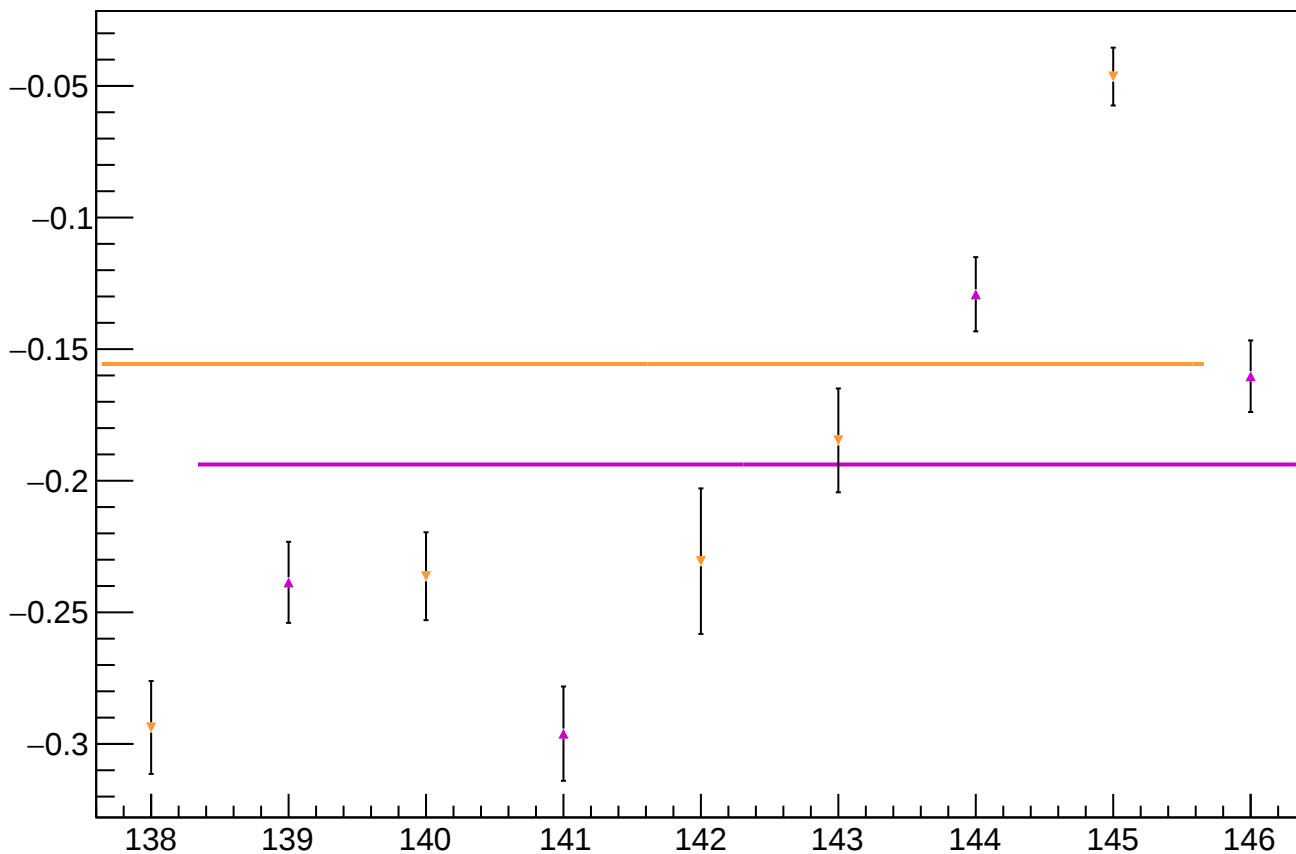
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Out: 41.936+/-0.157 χ^2/NDF :1588.7/4

All: 39.957+/-0.110 χ^2/NDF : 3192.3/8

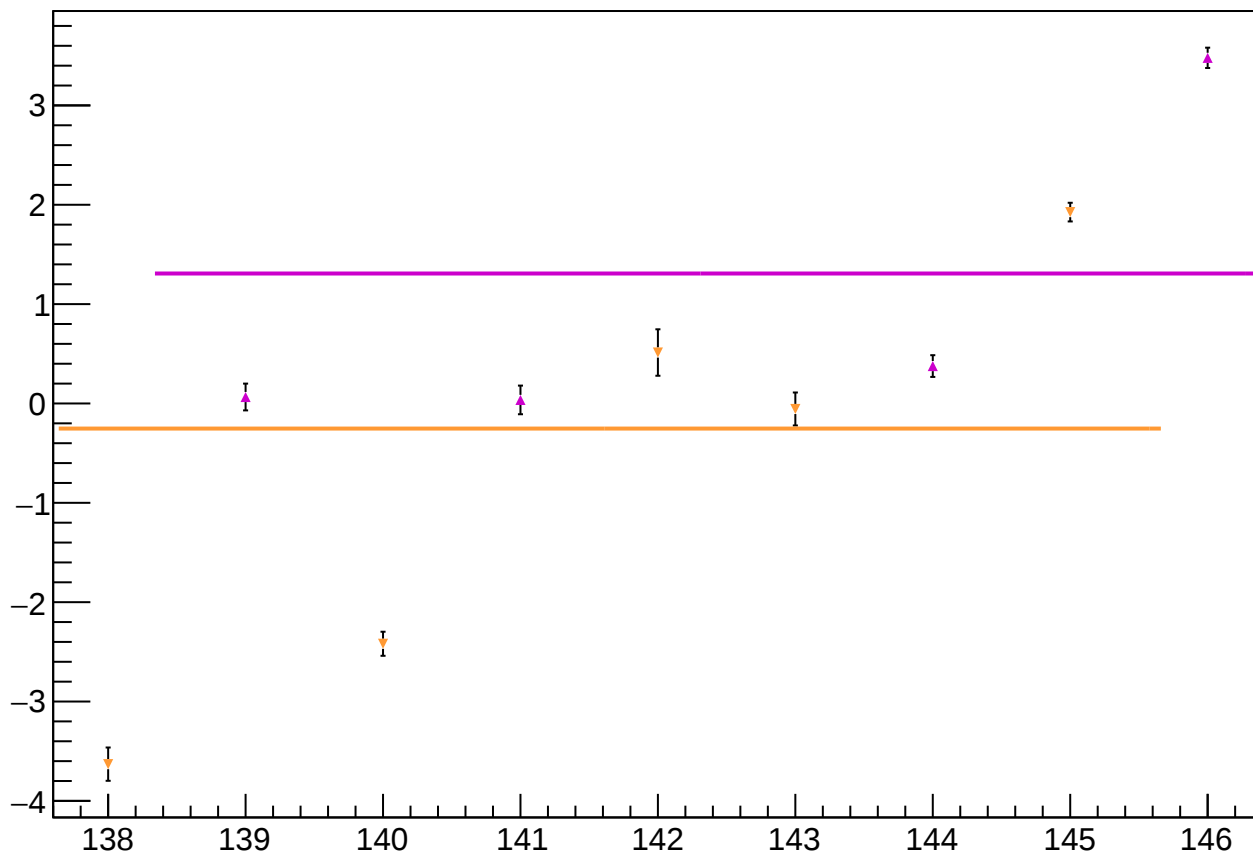
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.156 ± 0.007 χ^2/NDF : 192.9/4
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -0.194 ± 0.008 χ^2/NDF : 68.2/3

Left: -0.174 ± 0.005 χ^2/NDF : 274.4/8
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -0.194 ± 0.008 χ^2/NDF : 68.2/3
 Out: -0.156 ± 0.007 χ^2/NDF : 192.9/4
 All: -0.174 ± 0.005 χ^2/NDF : 274.4/8

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.253+/-0.061 χ^2/NDF :1276.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.308+/-0.060 χ^2/NDF :685.9/3

Left: 0.543+/-0.042 χ^2/NDF : 2299.5/8

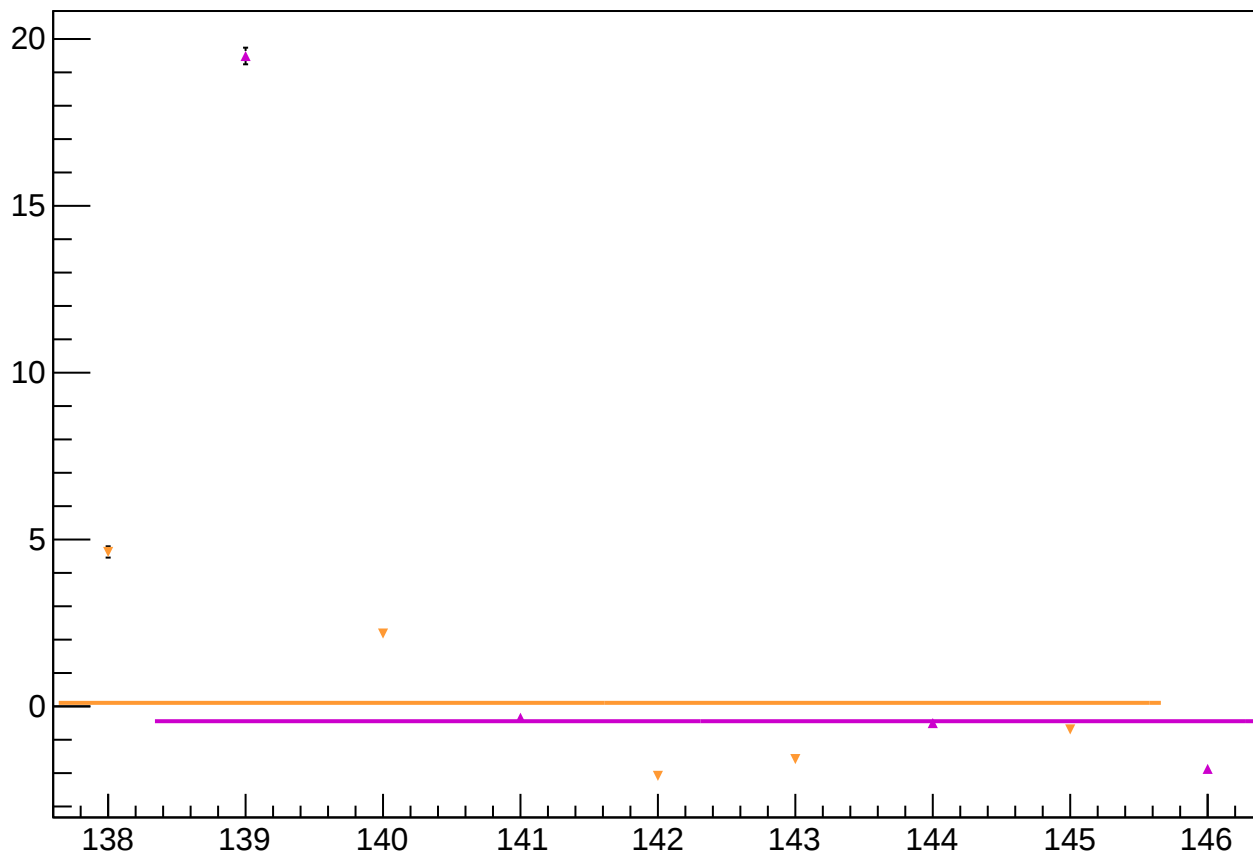
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.308+/-0.060 χ^2/NDF :685.9/3

Out: -0.253+/-0.061 χ^2/NDF :1276.3/4

All: 0.543+/-0.042 χ^2/NDF : 2299.5/8

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.106+/-0.048 χ^2/NDF :1689.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.444+/-0.045 χ^2/NDF :6861.1/3

Left: -0.190+/-0.033 χ^2/NDF : 8620.4/8

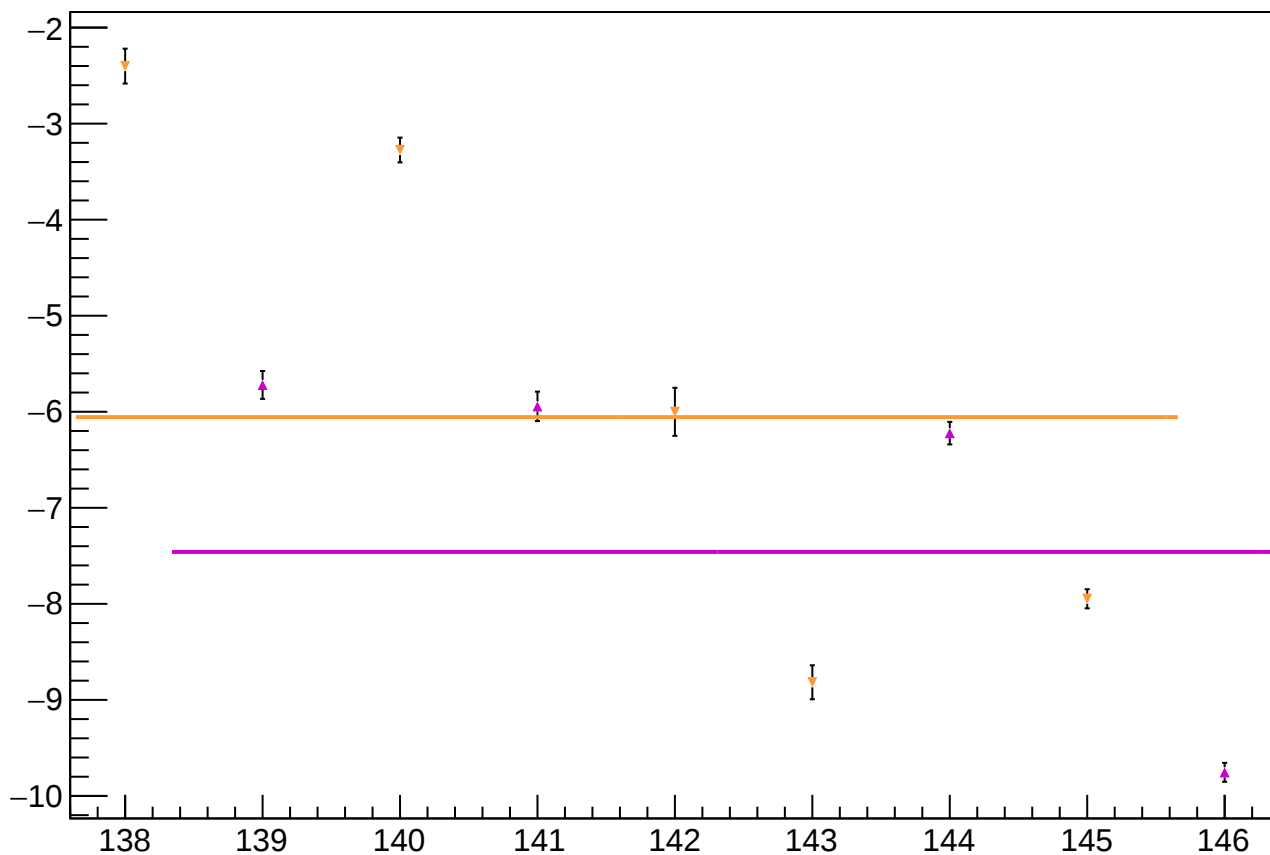
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.444+/-0.045 χ^2/NDF :6861.1/3

Out: 0.106+/-0.048 χ^2/NDF :1689.8/4

All: -0.190+/-0.033 χ^2/NDF : 8620.4/8

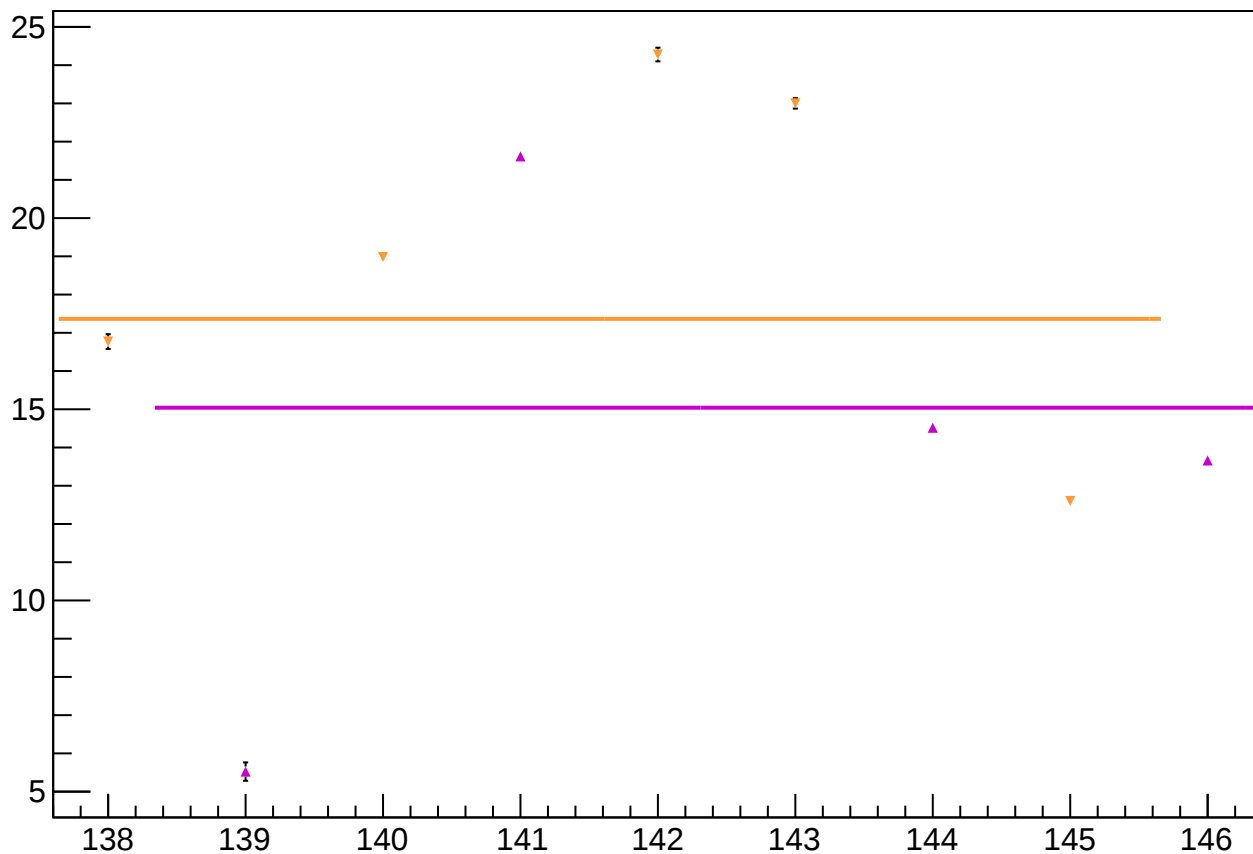
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.056+/-0.065 χ^2/NDF :1473.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.459+/-0.061 χ^2/NDF :895.0/3

Left: -6.795+/-0.045 χ^2/NDF : 2616.3/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.459+/-0.061 χ^2/NDF :895.0/3
 Out: -6.056+/-0.065 χ^2/NDF :1473.4/4
 All: -6.795+/-0.045 χ^2/NDF : 2616.3/8

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: 17.365 $\pm$ 0.057 χ^2 /NDF:6284.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.041 $\pm$ 0.054 χ^2 /NDF:4698.2/3

Left: 16.136 $\pm$ 0.039 χ^2 /NDF: 11862.2/8

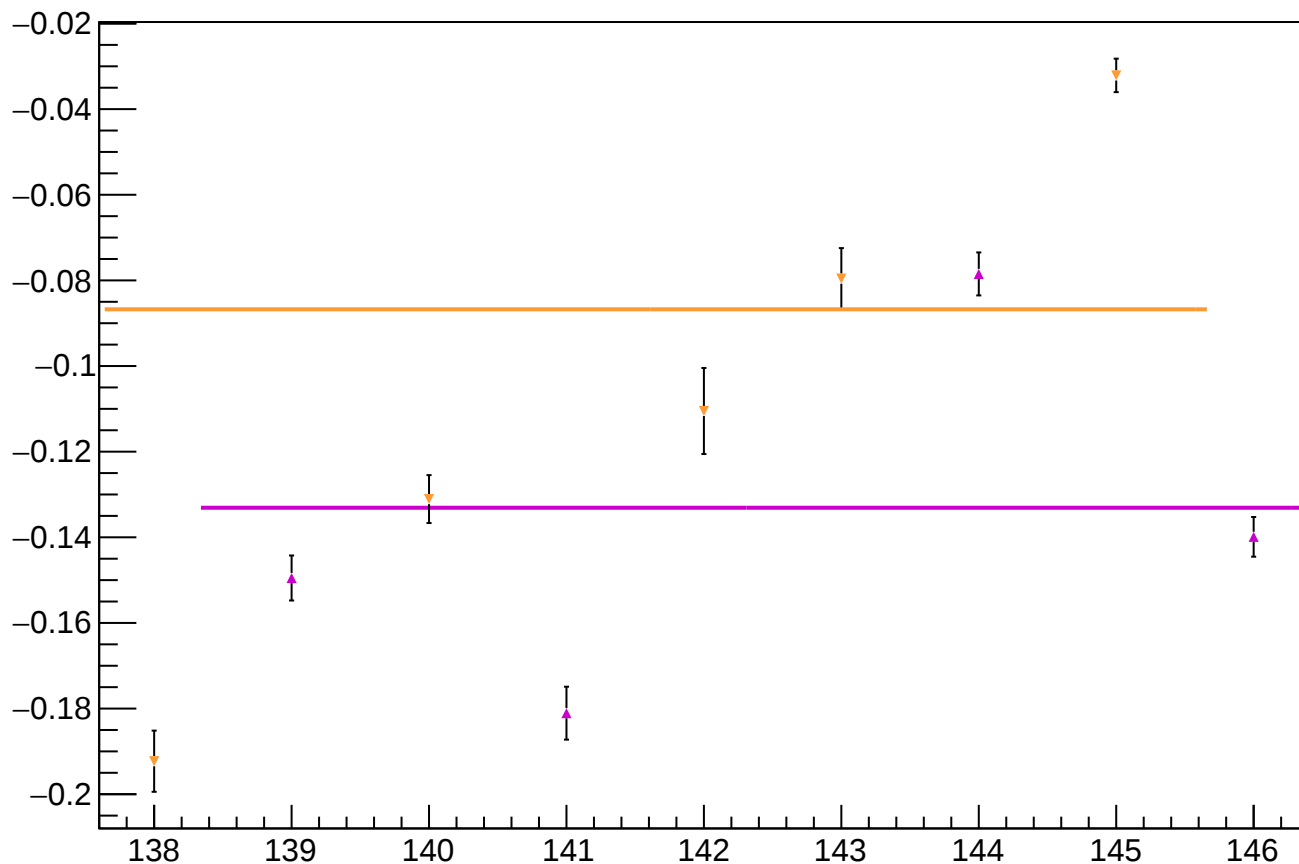
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.041 $\pm$ 0.054 χ^2 /NDF:4698.2/3

Out: 17.365 $\pm$ 0.057 χ^2 /NDF:6284.2/4

All: 16.136 $\pm$ 0.039 χ^2 /NDF: 11862.2/8

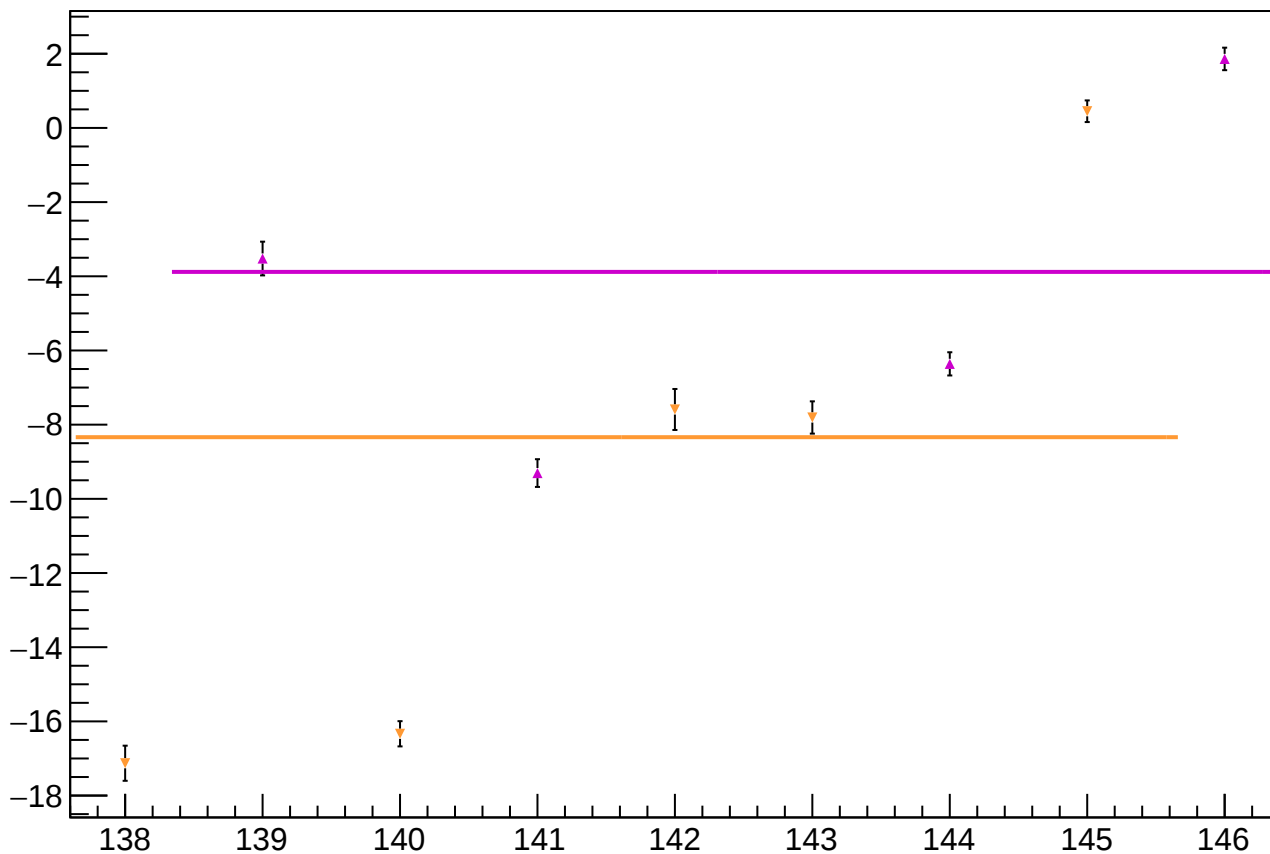
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.087+/-0.003 χ^2/NDF :483.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.133+/-0.003 χ^2/NDF :190.4/3

Left: -0.110+/-0.002 χ^2/NDF : 832.0/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.133+/-0.003 χ^2/NDF :190.4/3
 Out: -0.087+/-0.003 χ^2/NDF :483.1/4
 All: -0.110+/-0.002 χ^2/NDF : 832.0/8

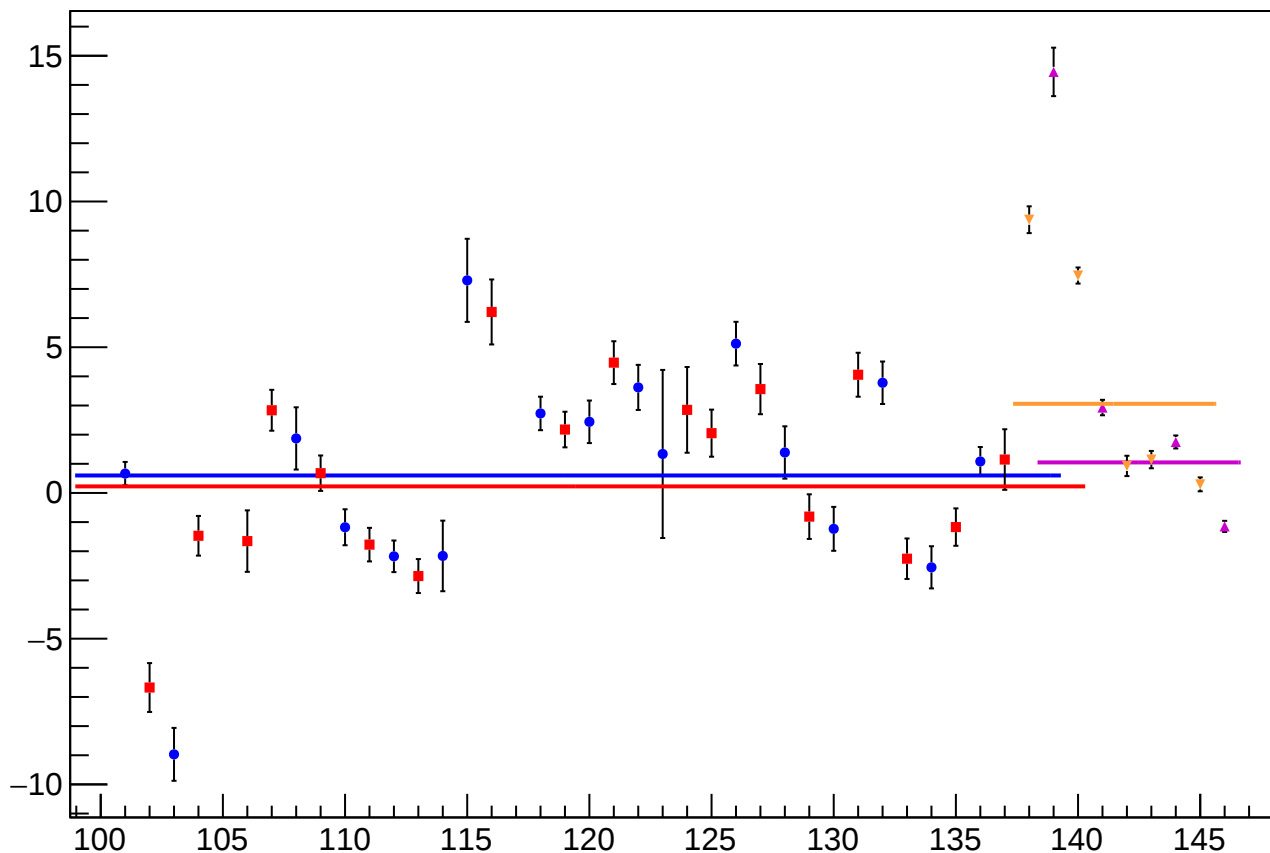
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.338+/-0.173 χ^2/NDF :1807.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.881+/-0.174 χ^2/NDF :632.0/3

Left: -6.121+/-0.123 χ^2/NDF : 2769.0/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.881+/-0.174 χ^2/NDF :632.0/3
 Out: -8.338+/-0.173 χ^2/NDF :1807.0/4
 All: -6.121+/-0.123 χ^2/NDF : 2769.0/8

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 3.058 $\pm$ 0.135 χ^2 /NDF:655.5/4

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 1.048 $\pm$ 0.126 χ^2 /NDF:452.0/3

Left: 1.983 $\pm$ 0.092 χ^2 /NDF: 1226.3/8

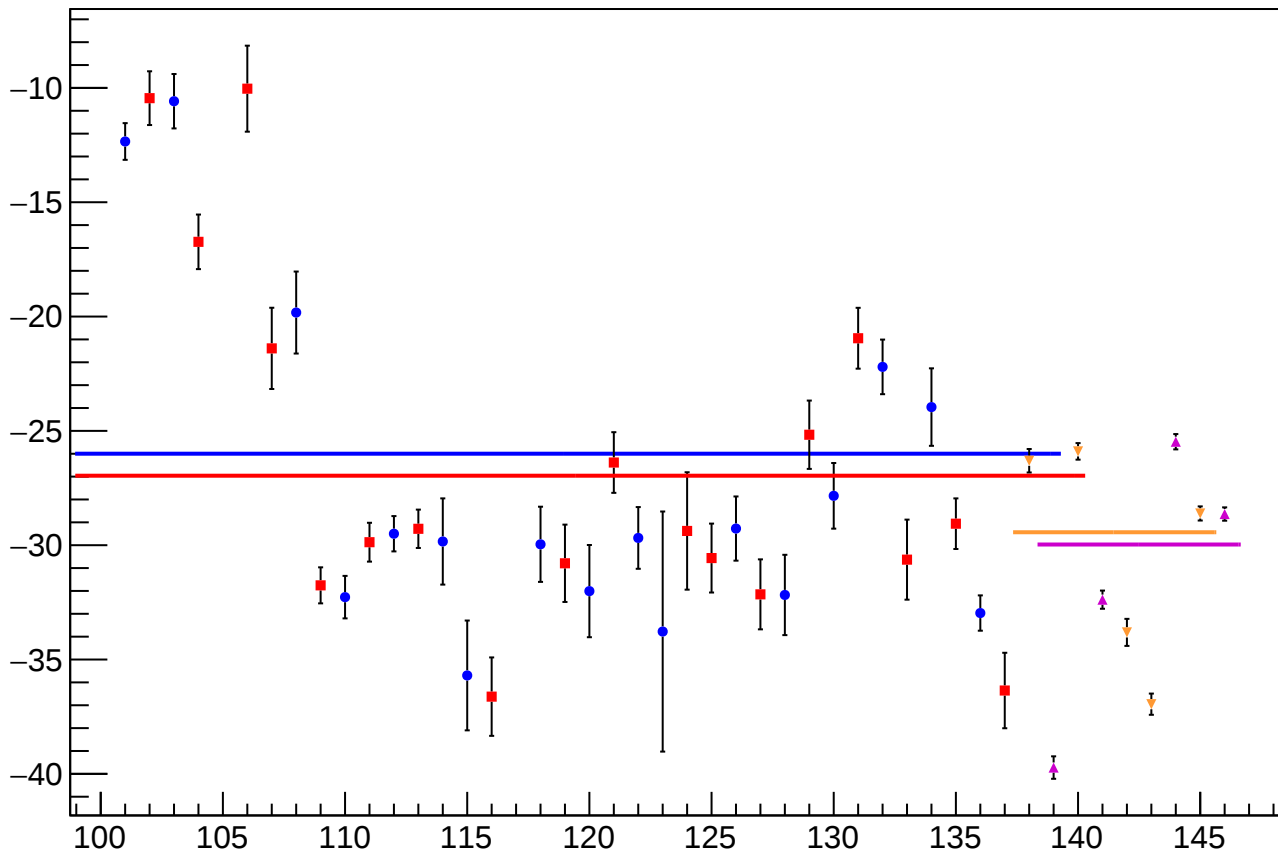
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 0.888 $\pm$ 0.101 χ^2 /NDF:748.5/20

Out: 2.000 $\pm$ 0.107 χ^2 /NDF:1093.3/22

All: 1.413 $\pm$ 0.073 χ^2 /NDF: 1899.0/43

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: -29.433 ± 0.184 χ^2/NDF : 457.1/4

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -29.970 ± 0.179 χ^2/NDF : 631.7/3

Left: -29.709 ± 0.129 χ^2/NDF : 1093.1/8

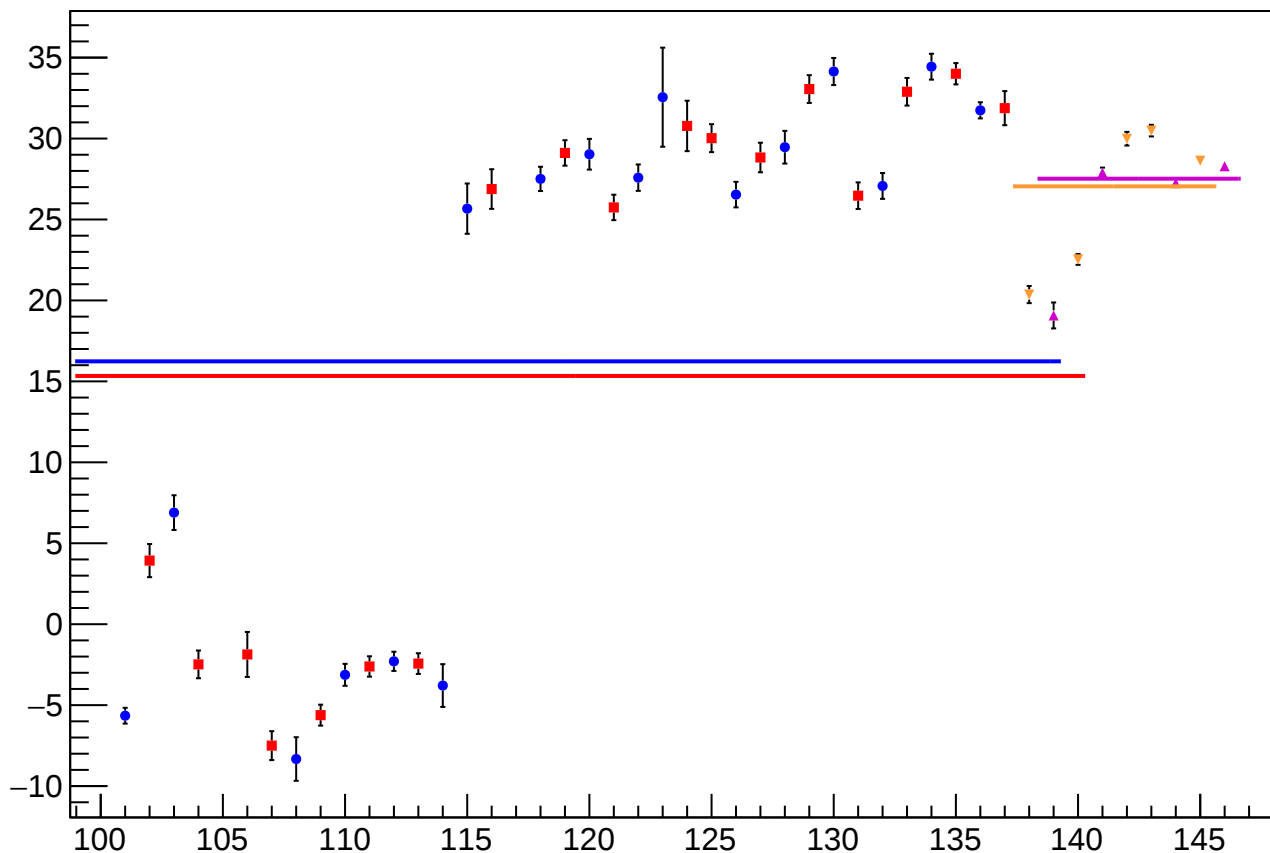
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -28.925 ± 0.154 χ^2/NDF : 1453.3/20

Out: -28.749 ± 0.157 χ^2/NDF : 1042.2/22

All: -28.839 ± 0.110 χ^2/NDF : 2496.2/43

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: 27.048 $\pm$ 0.160 χ^2 /NDF:515.6/4

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.520 $\pm$ 0.152 χ^2 /NDF:123.8/3

Left: 27.296 $\pm$ 0.110 χ^2 /NDF: 644.0/8

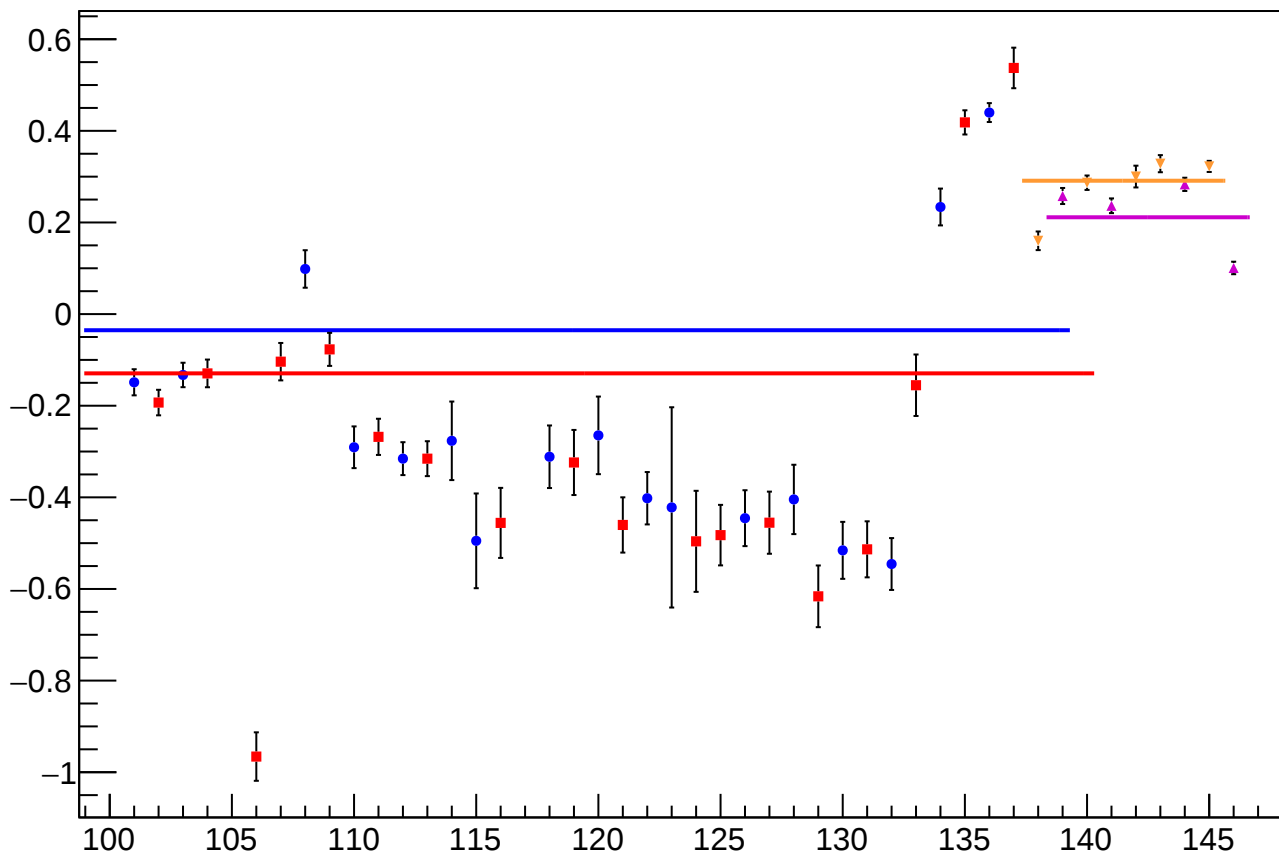
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 23.147 $\pm$ 0.119 χ^2 /NDF:9832.2/20

Out: 22.403 $\pm$ 0.124 χ^2 /NDF:9905.2/22

All: 22.790 $\pm$ 0.086 χ^2 /NDF: 19756.1/43

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: 0.291 ± 0.007 χ^2/NDF : 52.4/4

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.211 ± 0.008 χ^2/NDF : 99.7/3

Left: 0.252 ± 0.005 χ^2/NDF : 208.0/8

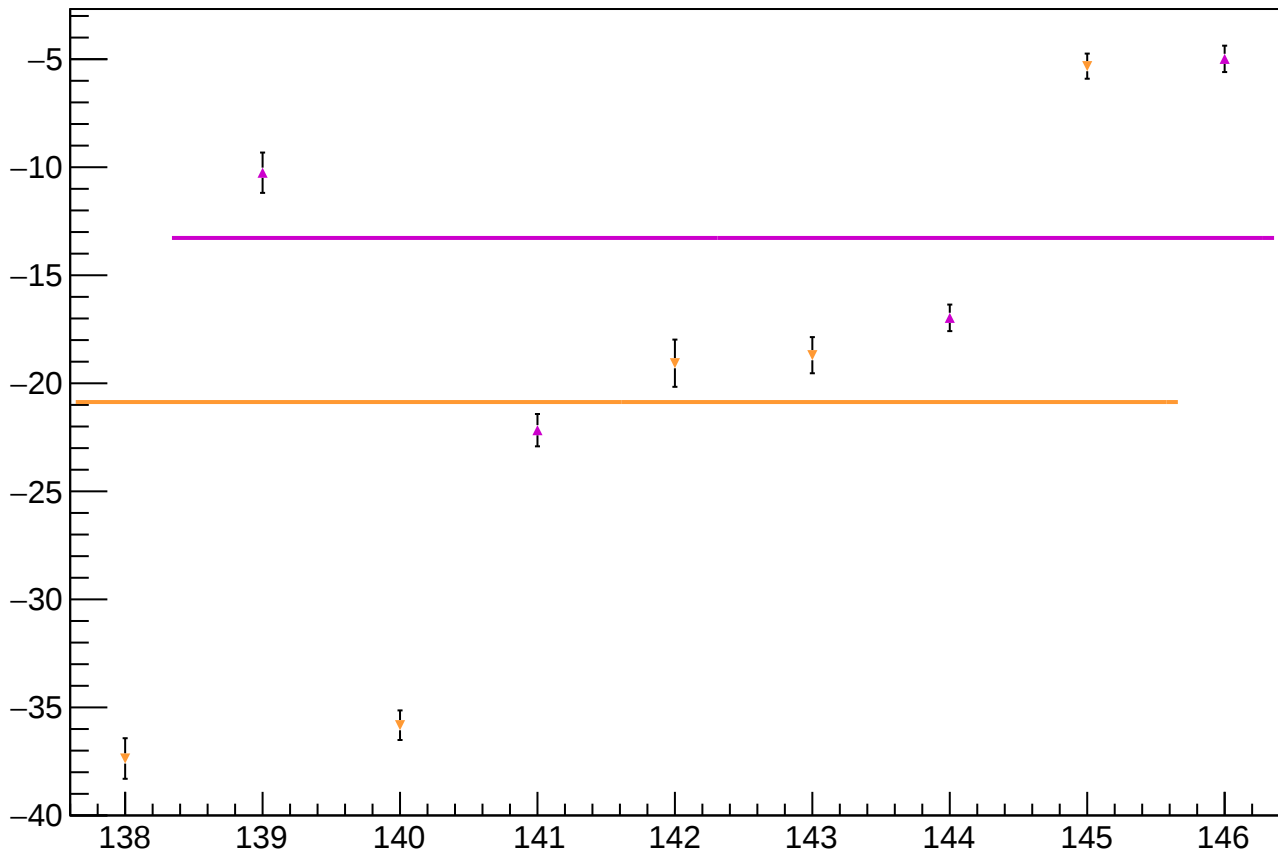
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.125 ± 0.006 χ^2/NDF : 1482.9/20

Out: 0.148 ± 0.006 χ^2/NDF : 2292.8/22

All: 0.136 ± 0.004 χ^2/NDF : 3782.8/43

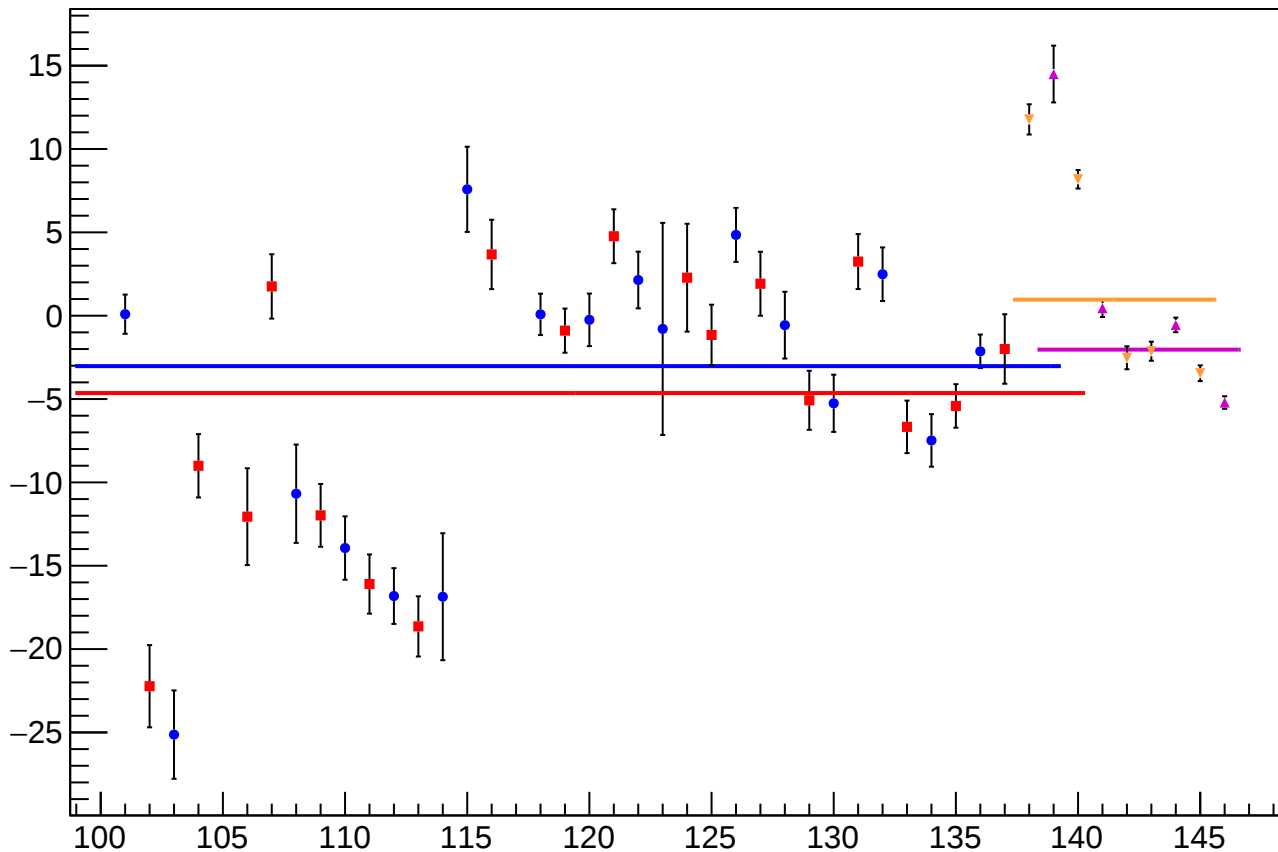
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -20.867+/-0.343 χ^2/NDF :1509.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -13.273+/-0.348 χ^2/NDF :372.3/3

Left: -17.120+/-0.244 χ^2/NDF : 2123.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -13.273+/-0.348 χ^2/NDF :372.3/3
 Out: -20.867+/-0.343 χ^2/NDF :1509.5/4
 All: -17.120+/-0.244 χ^2/NDF : 2123.4/8

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 0.963 ± 0.266 χ^2/NDF : 453.6/4

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.034 ± 0.249 χ^2/NDF : 198.5/3

Left: -0.637 ± 0.182 χ^2/NDF : 719.7/8

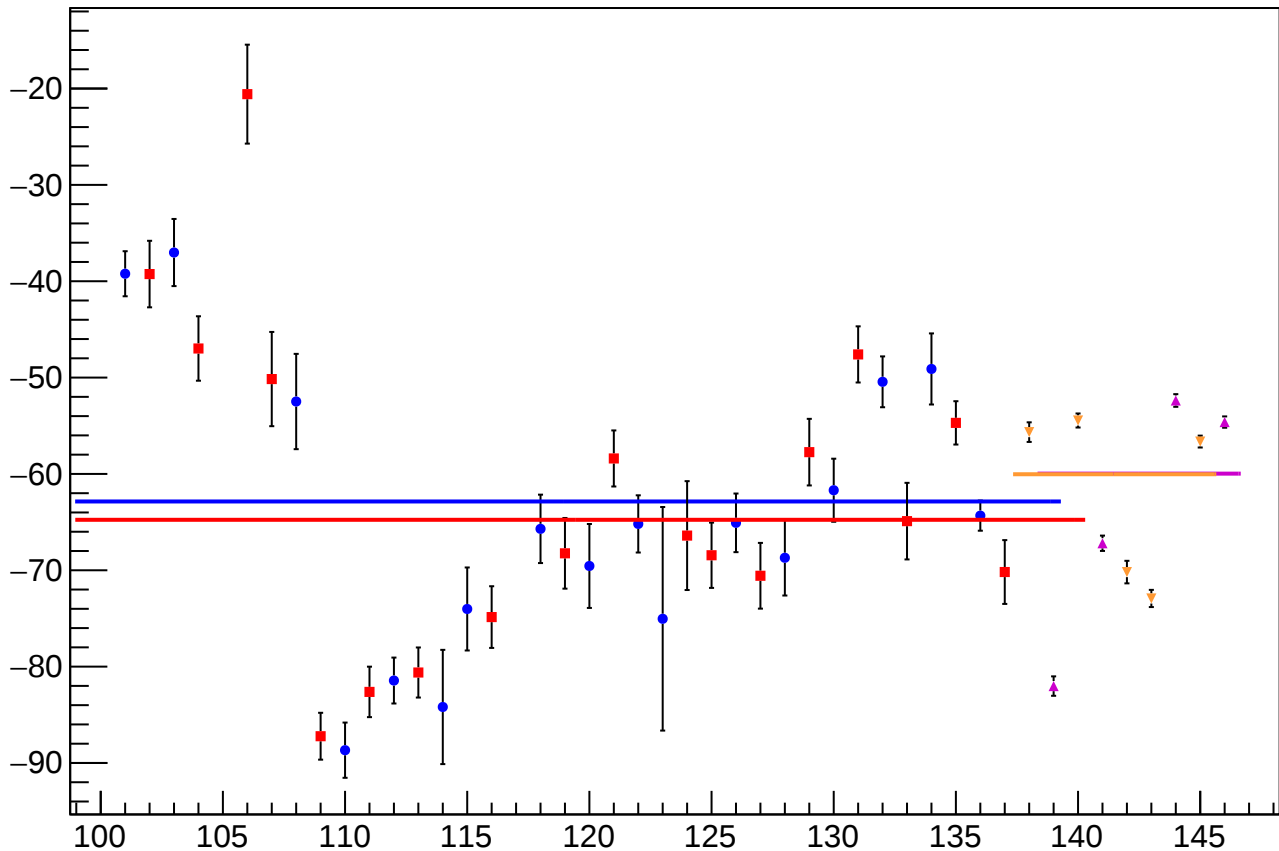
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.303 ± 0.212 χ^2/NDF : 483.4/20

Out: -0.608 ± 0.226 χ^2/NDF : 872.6/22

All: -1.507 ± 0.155 χ^2/NDF : 1385.9/43

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -60.033 ± 0.366 χ^2/NDF : 391.4/4

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -59.969 ± 0.359 χ^2/NDF : 777.0/3

Left: -60.000 ± 0.256 χ^2/NDF : 1168.4/8

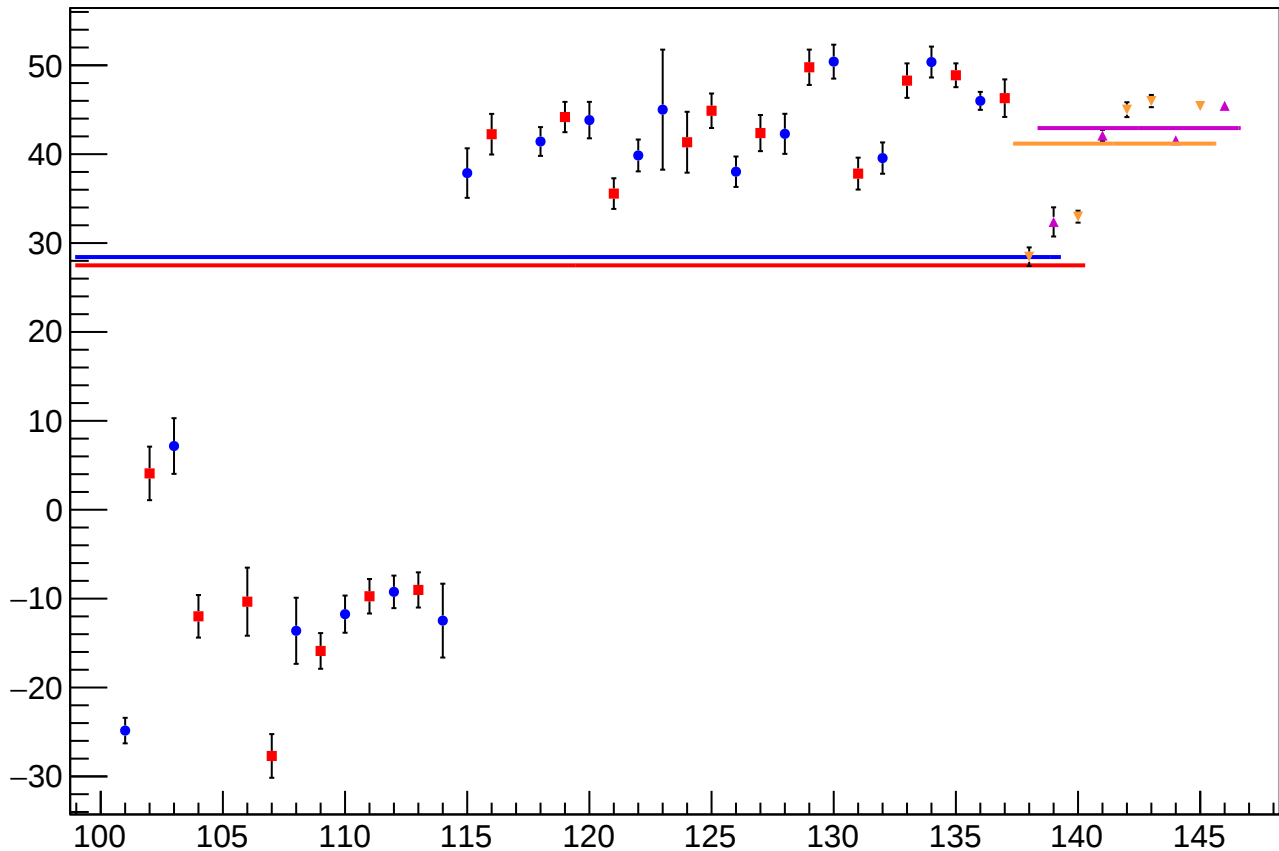
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -60.520 ± 0.323 χ^2/NDF : 1157.1/20

Out: -60.937 ± 0.329 χ^2/NDF : 839.4/22

All: -60.724 ± 0.230 χ^2/NDF : 1997.3/43

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.188 $\pm$ 0.316 χ^2 /NDF:426.6/4

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 42.935 $\pm$ 0.302 χ^2 /NDF:77.8/3

Left: 42.099 $\pm$ 0.218 χ^2 /NDF: 520.4/8

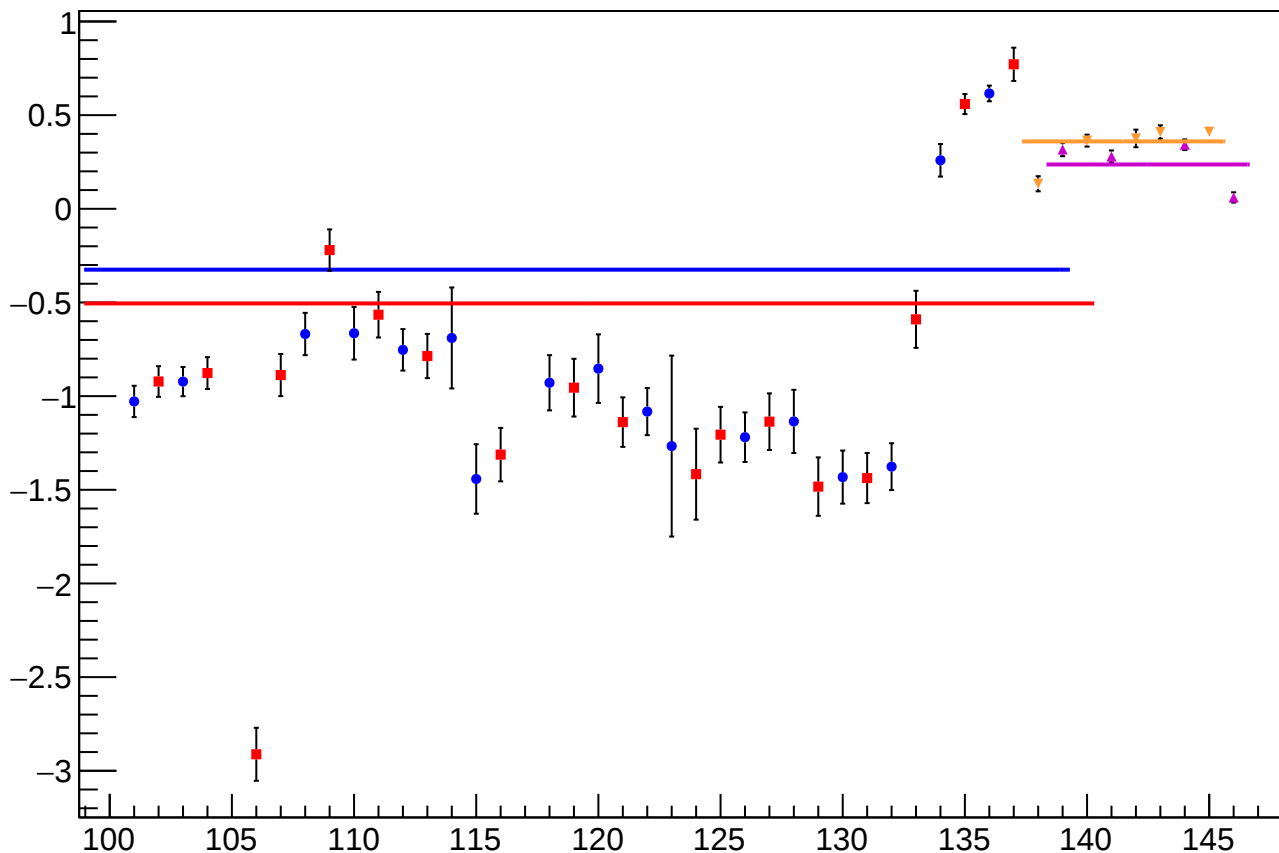
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.530 $\pm$ 0.252 χ^2 /NDF:4099.8/20

Out: 37.039 $\pm$ 0.263 χ^2 /NDF:4024.8/22

All: 37.817 $\pm$ 0.182 χ^2 /NDF: 8141.3/43

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: 0.360 ± 0.015 χ^2/NDF : 37.9/4

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.237 ± 0.015 χ^2/NDF : 61.7/3

Left: 0.300 ± 0.011 χ^2/NDF : 133.1/8

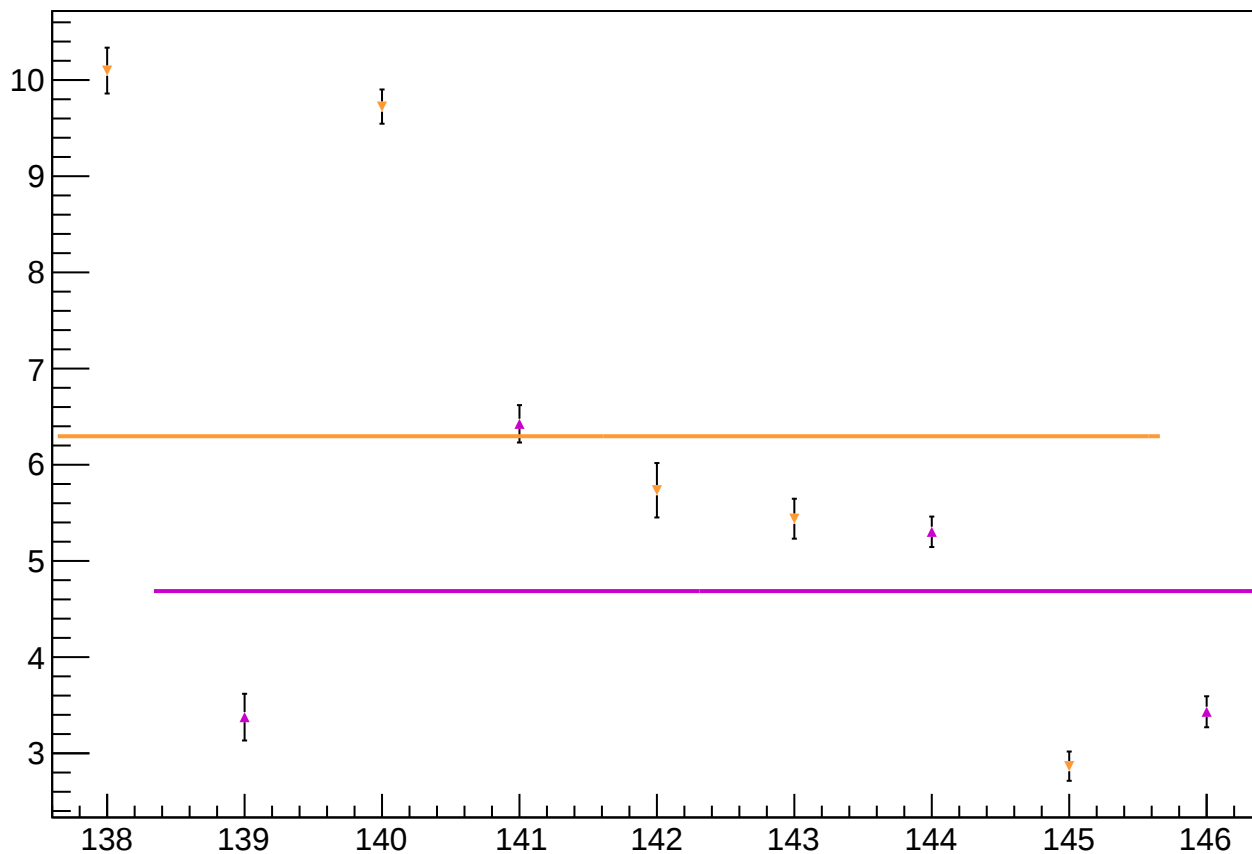
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.084 ± 0.013 χ^2/NDF : 1443.1/20

Out: 0.144 ± 0.013 χ^2/NDF : 2047.2/22

All: 0.114 ± 0.009 χ^2/NDF : 3501.2/43

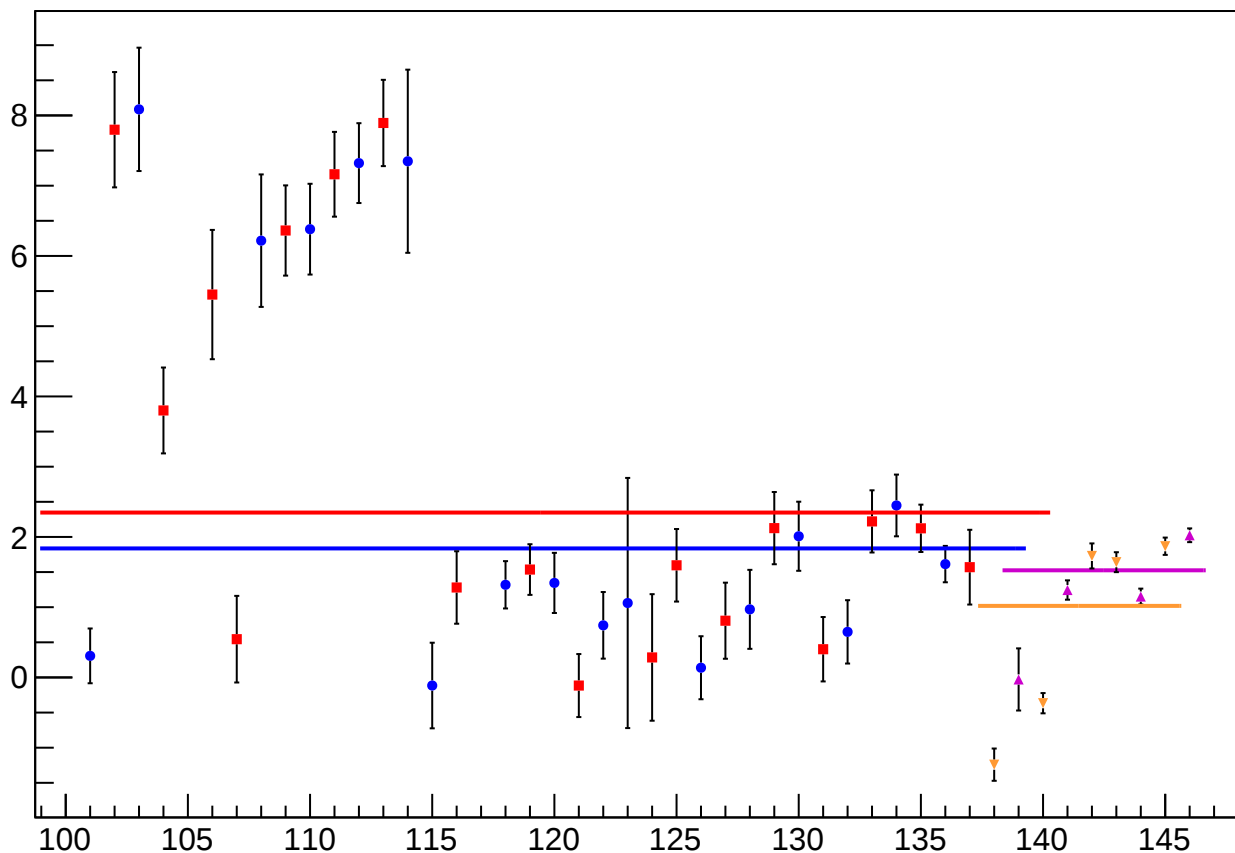
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.297+/-0.088 χ^2/NDF :1154.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.687+/-0.091 χ^2/NDF :184.9/3

Left: 5.512+/-0.063 χ^2/NDF : 1501.0/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.687+/-0.091 χ^2/NDF :184.9/3
 Out: 6.297+/-0.088 χ^2/NDF :1154.4/4
 All: 5.512+/-0.063 χ^2/NDF : 1501.0/8

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: 1.019 ± 0.068 χ^2/NDF : 271.9/4

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.525 ± 0.064 χ^2/NDF : 53.4/3

Left: 1.287 ± 0.047 χ^2/NDF : 354.4/8

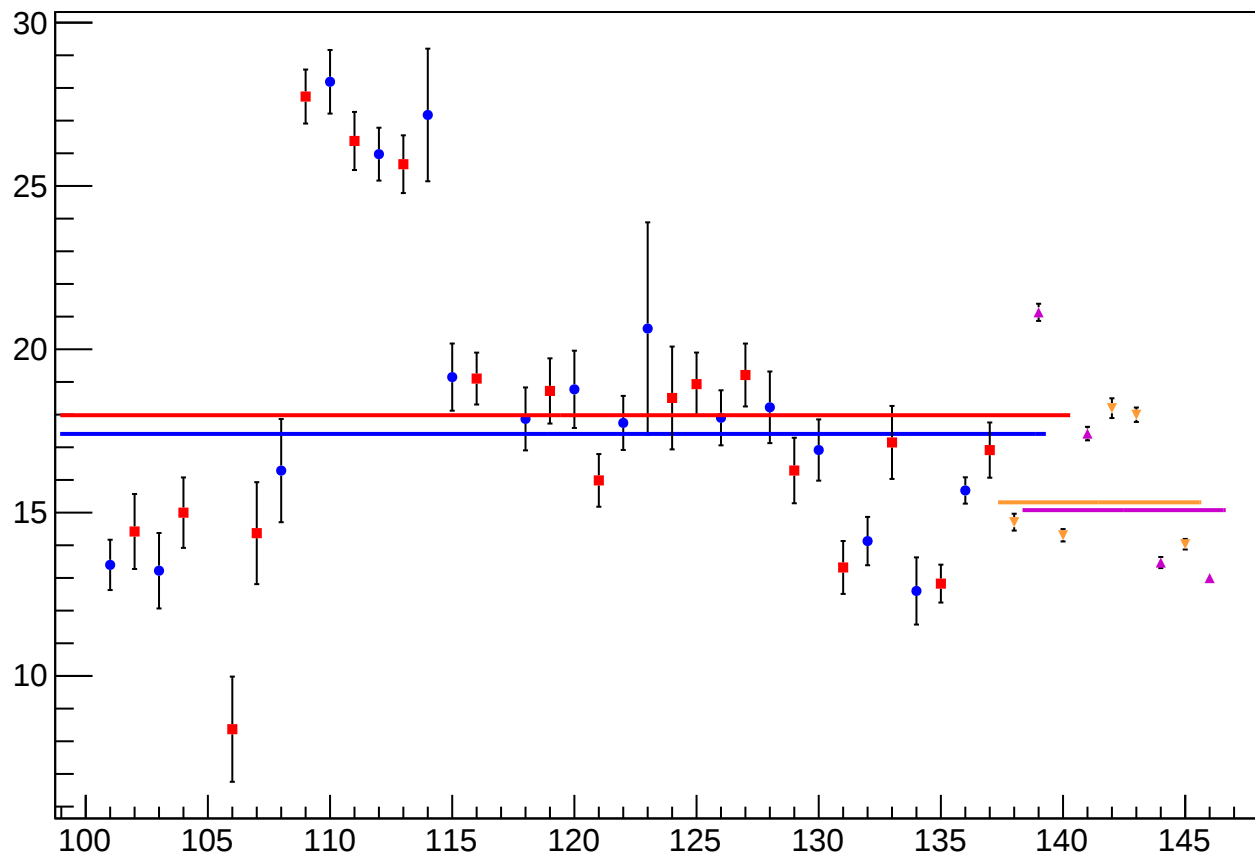
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.598 ± 0.056 χ^2/NDF : 353.0/20

Out: 1.334 ± 0.060 χ^2/NDF : 691.3/22

All: 1.474 ± 0.041 χ^2/NDF : 1054.8/43

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: 15.314 $\pm$ 0.094 χ^2 /NDF:334.1/4

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 15.076 $\pm$ 0.093 χ^2 /NDF:930.9/3

Left: 15.194 $\pm$ 0.066 χ^2 /NDF: 1268.2/8

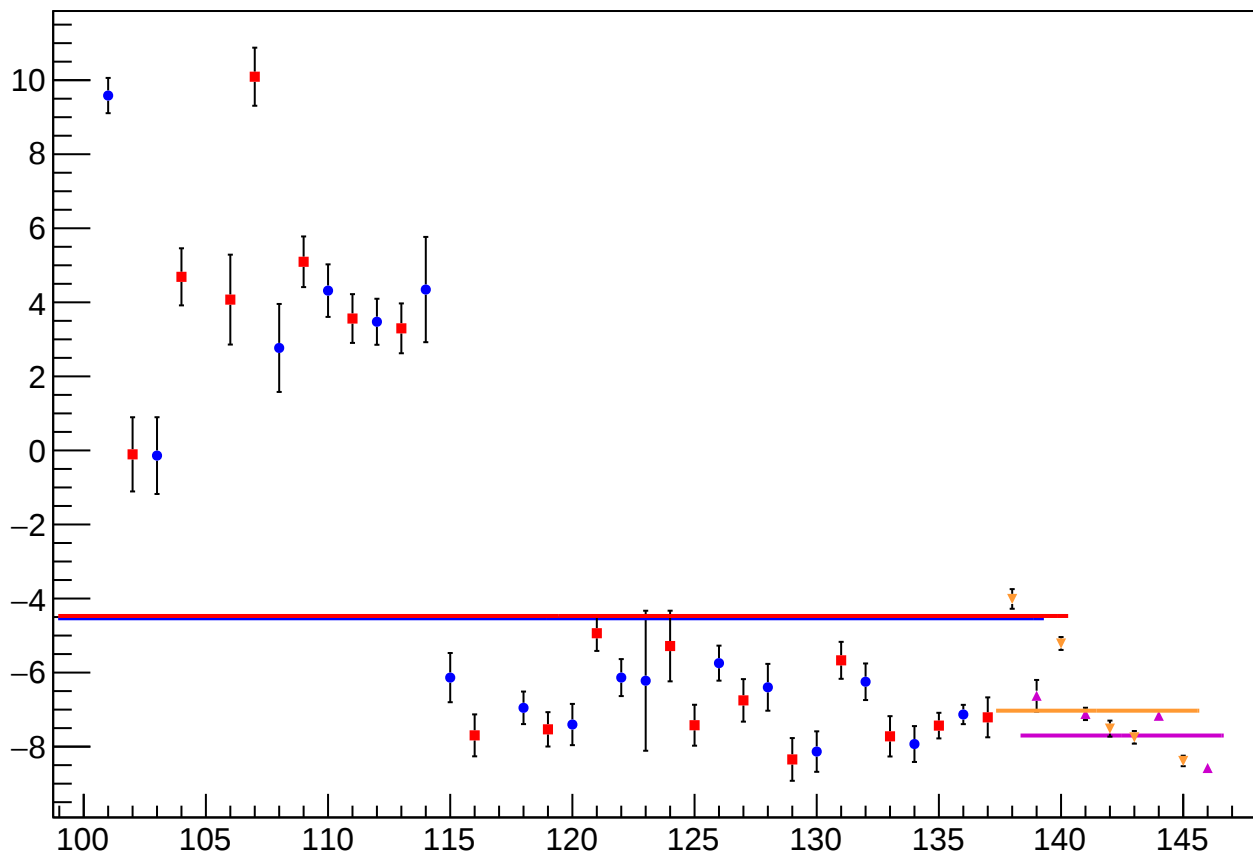
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.456 $\pm$ 0.086 χ^2 /NDF:1397.4/20

Out: 15.731 $\pm$ 0.087 χ^2 /NDF:949.7/22

All: 15.592 $\pm$ 0.061 χ^2 /NDF: 2352.2/43

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.029 ± 0.081 χ^2/NDF : 351.4/4

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.700 ± 0.078 χ^2/NDF : 84.5/3

Left: -7.375 ± 0.056 χ^2/NDF : 471.3/8

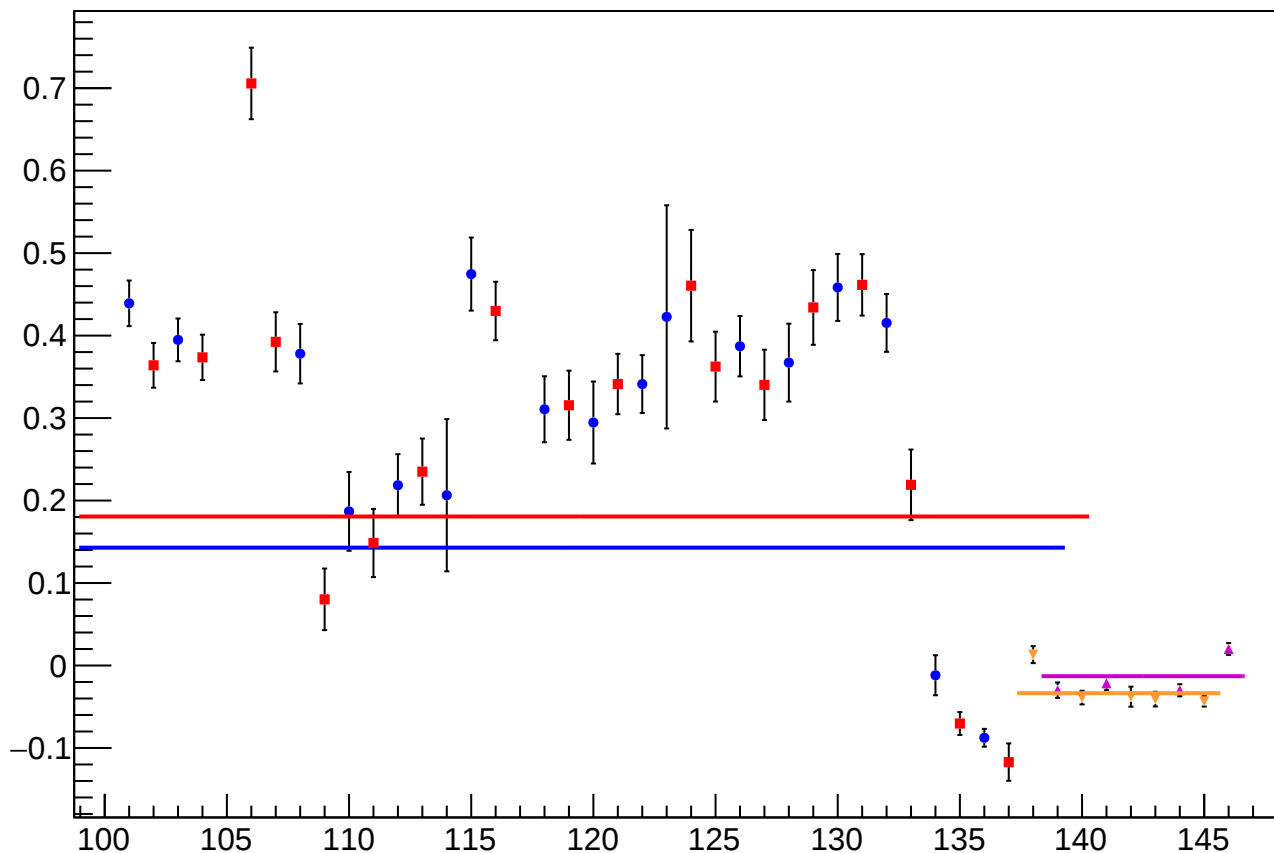
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.851 ± 0.067 χ^2/NDF : 2109.5/20

Out: -6.366 ± 0.070 χ^2/NDF : 1949.3/22

All: -6.617 ± 0.048 χ^2/NDF : 4083.9/43

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: -0.034 ± 0.004 $\chi^2/\text{NDF}: 24.3/4$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.013 ± 0.004 $\chi^2/\text{NDF}: 30.6/3$

Left: -0.024 ± 0.003 $\chi^2/\text{NDF}: 68.9/8$

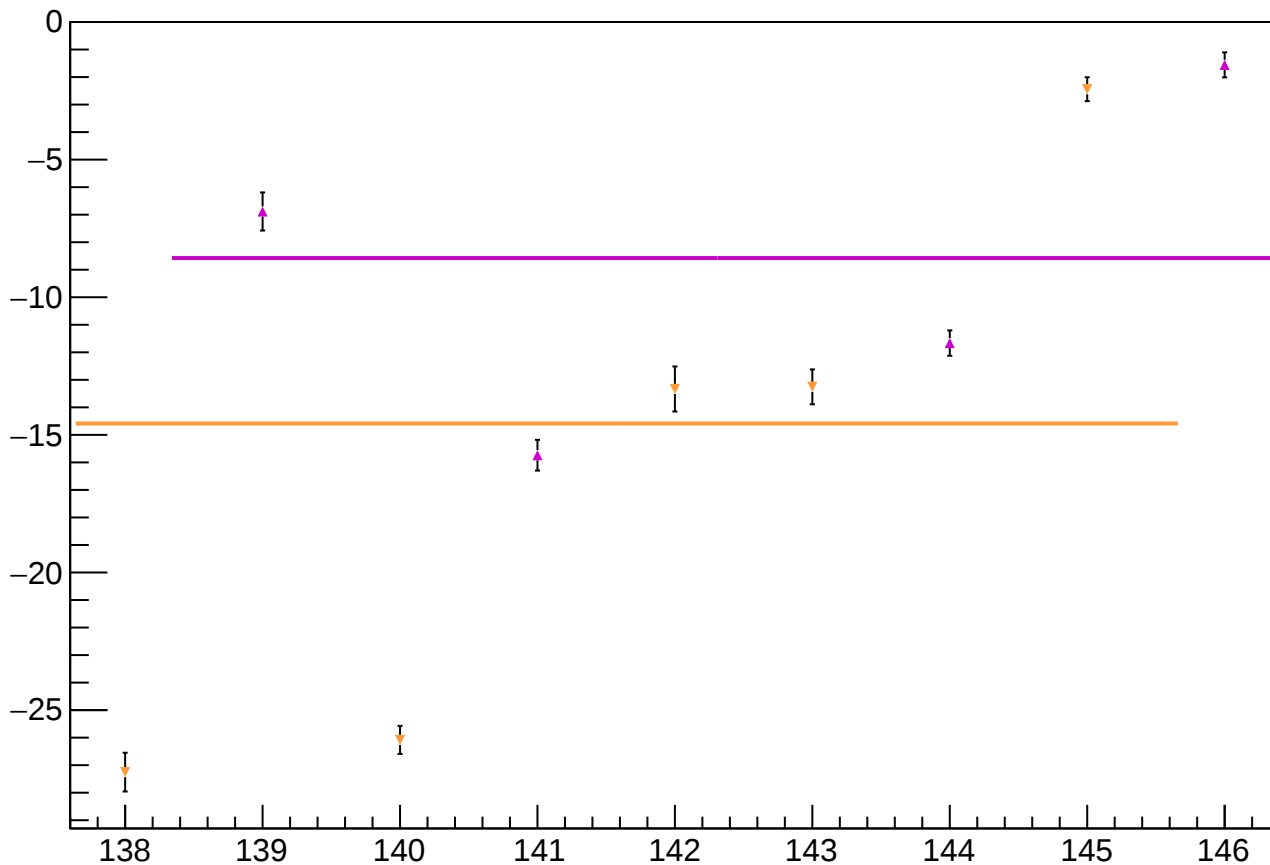
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.024 ± 0.003 $\chi^2/\text{NDF}: 1460.3/20$

Out: 0.012 ± 0.003 $\chi^2/\text{NDF}: 1688.6/22$

All: 0.018 ± 0.002 $\chi^2/\text{NDF}: 3156.0/43$

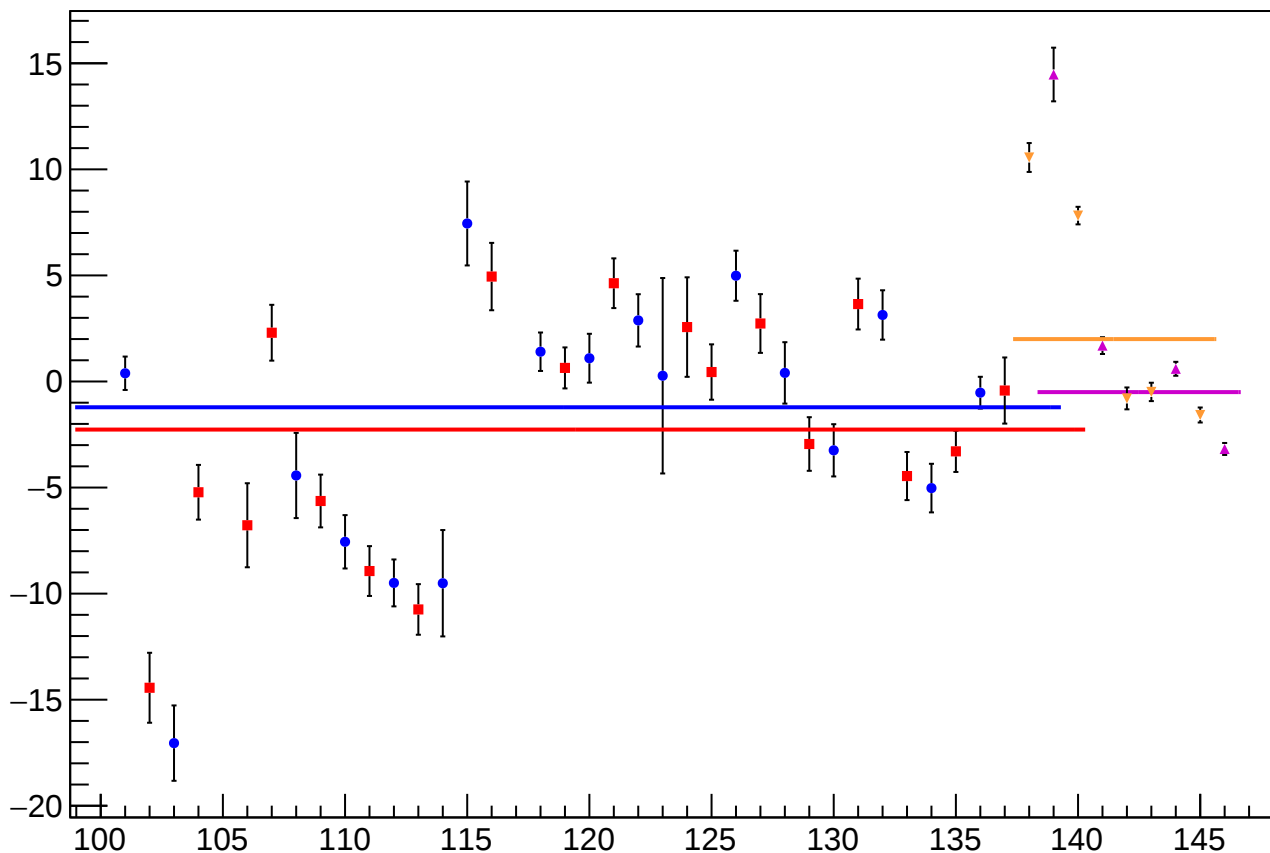
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.586+/-0.257 χ^2/NDF :1619.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.575+/-0.260 χ^2/NDF :453.8/3

Left: -11.610+/-0.183 χ^2/NDF : 2344.0/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.575+/-0.260 χ^2/NDF :453.8/3
 Out: -14.586+/-0.257 χ^2/NDF :1619.4/4
 All: -11.610+/-0.183 χ^2/NDF : 2344.0/8

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: 1.999 ± 0.200 χ^2/NDF : 520.4/4

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -0.501 ± 0.186 χ^2/NDF : 271.8/3

Left: 0.663 ± 0.136 χ^2/NDF : 875.9/8

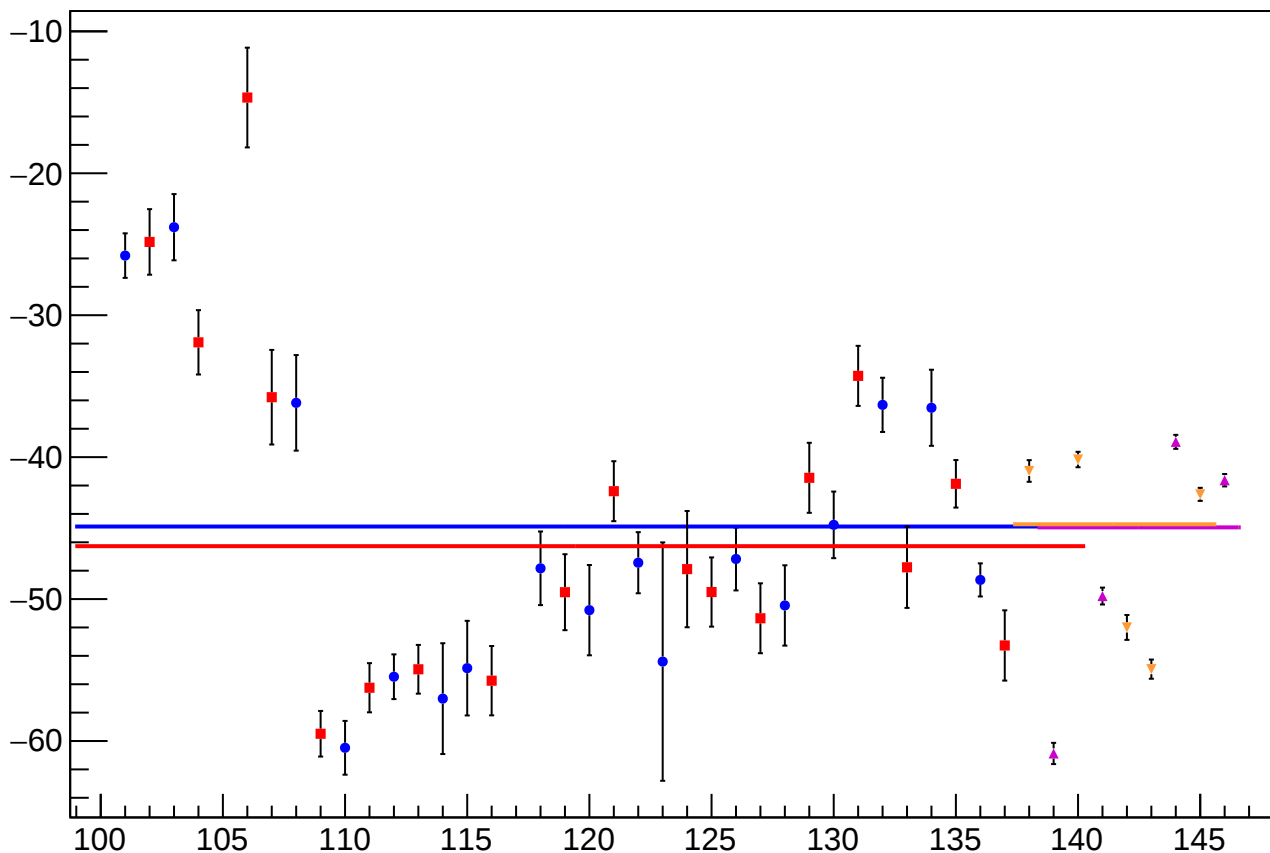
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -0.709 ± 0.157 χ^2/NDF : 554.8/20

Out: 0.703 ± 0.167 χ^2/NDF : 942.8/22

All: -0.046 ± 0.114 χ^2/NDF : 1535.8/43

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -44.730 ± 0.274 χ^2/NDF : 412.5/4

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -44.948 ± 0.268 χ^2/NDF : 726.0/3

Left: -44.842 ± 0.191 χ^2/NDF : 1138.9/8

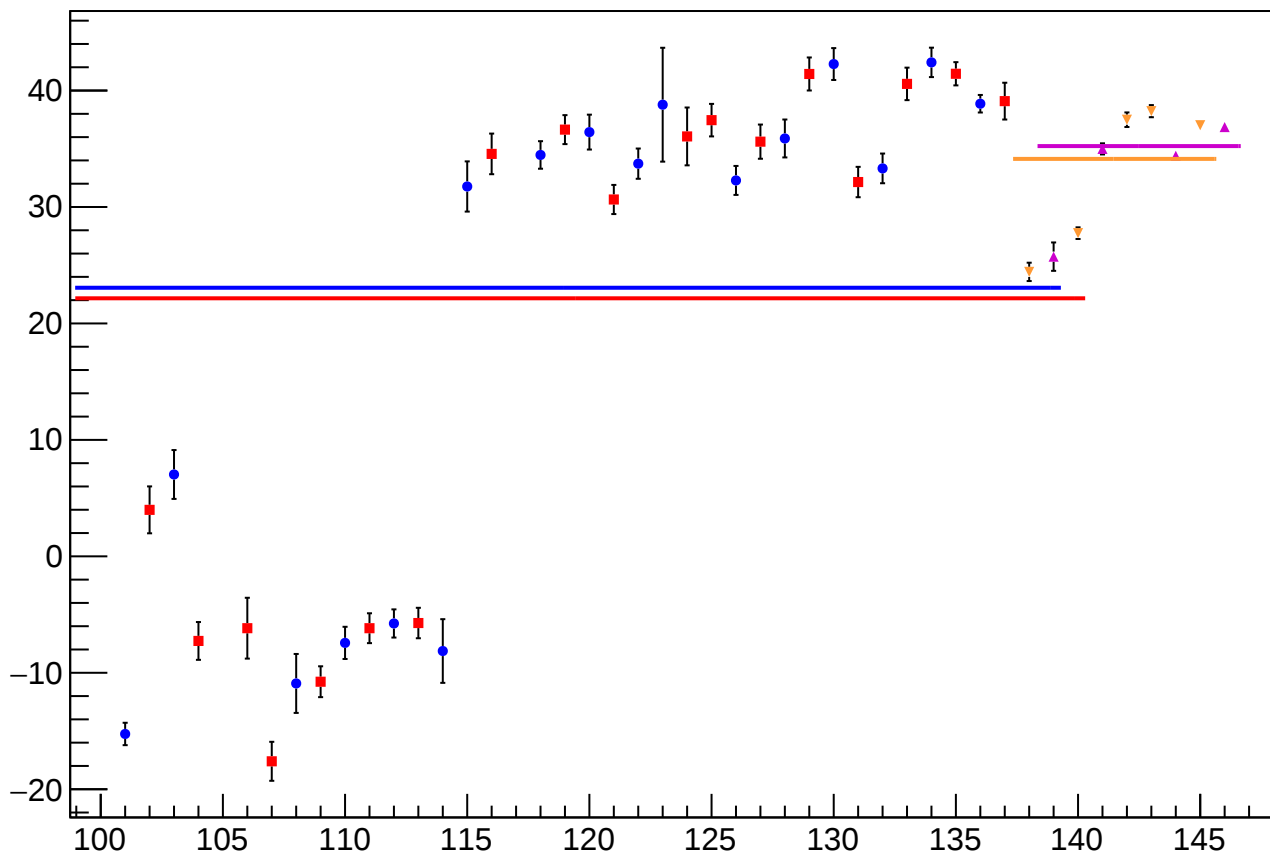
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -44.936 ± 0.238 χ^2/NDF : 1146.4/20

Out: -45.056 ± 0.243 χ^2/NDF : 839.8/22

All: -44.995 ± 0.170 χ^2/NDF : 1986.3/43

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: 34.131 $\pm$ 0.237 χ^2 /NDF:455.2/4

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.231 $\pm$ 0.226 χ^2 /NDF:86.6/3

Left: 34.706 $\pm$ 0.163 χ^2 /NDF: 553.1/8

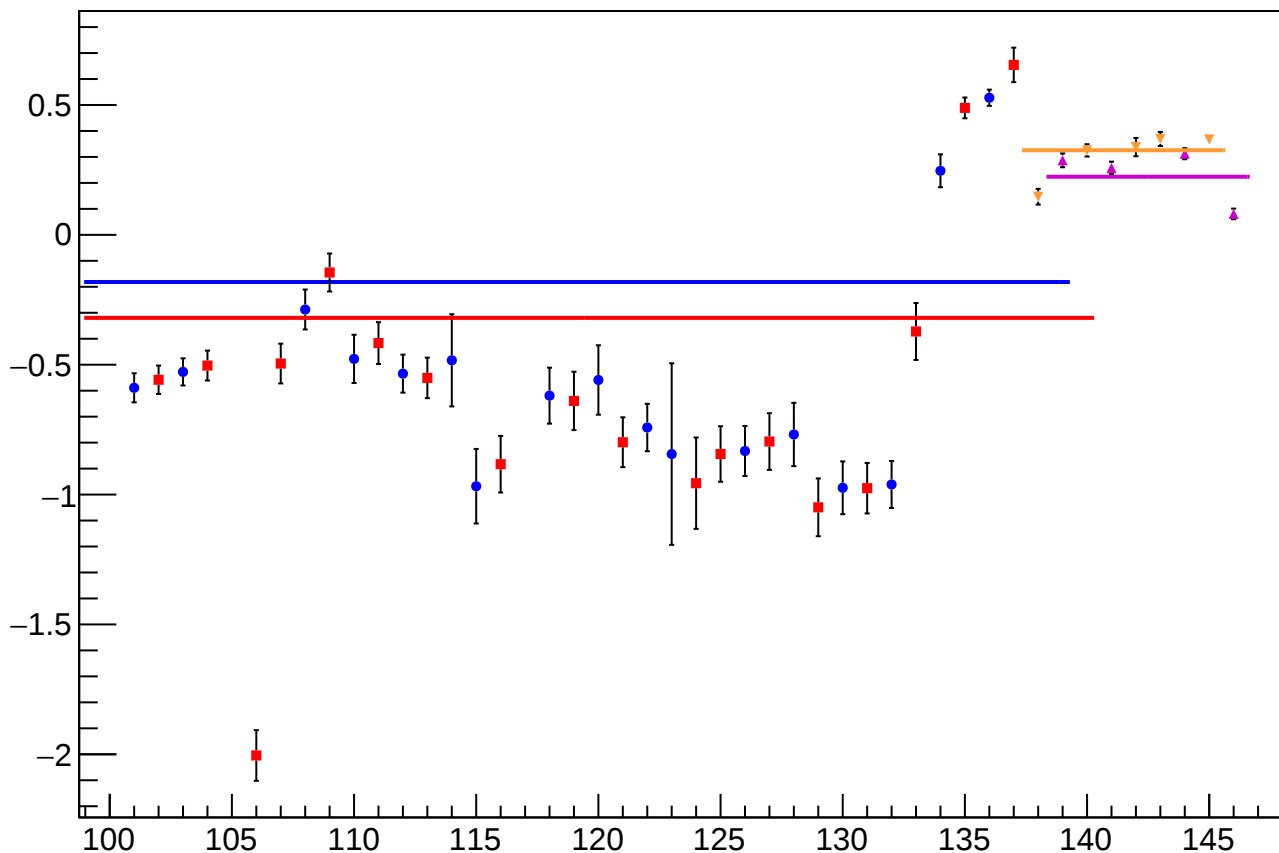
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 31.289 $\pm$ 0.186 χ^2 /NDF:5358.1/20

Out: 30.224 $\pm$ 0.194 χ^2 /NDF:5315.9/22

All: 30.780 $\pm$ 0.134 χ^2 /NDF: 10689.7/43

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: 0.326±/0.011 χ^2/NDF :42.8/4

Right Out: -0.320±/0.018 χ^2/NDF : 1177.5/17

Left In: 0.224±/0.011 χ^2/NDF :74.0/3

Left: 0.276±/0.008 χ^2/NDF : 157.9/8

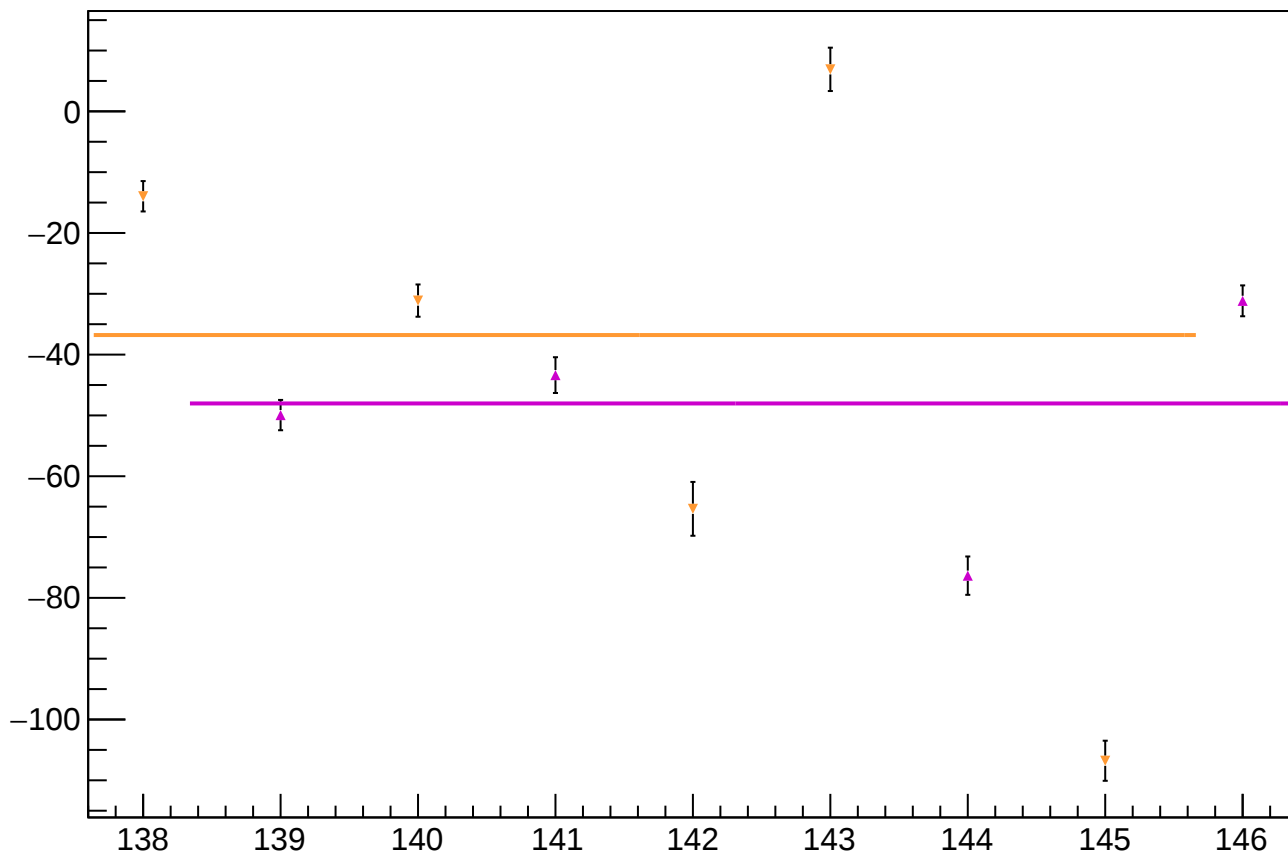
Right: -0.249±/0.013 χ^2/NDF : 2203.9/34

In: 0.106±/0.010 χ^2/NDF :1441.1/20

Out: 0.151±/0.009 χ^2/NDF :2135.1/22

All: 0.128±/0.007 χ^2/NDF : 3587.2/43

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.783+/-1.381 χ^2/NDF : 730.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.031+/-1.371 χ^2/NDF : 128.0/3

Left: -42.451+/-0.973 χ^2/NDF : 892.2/8

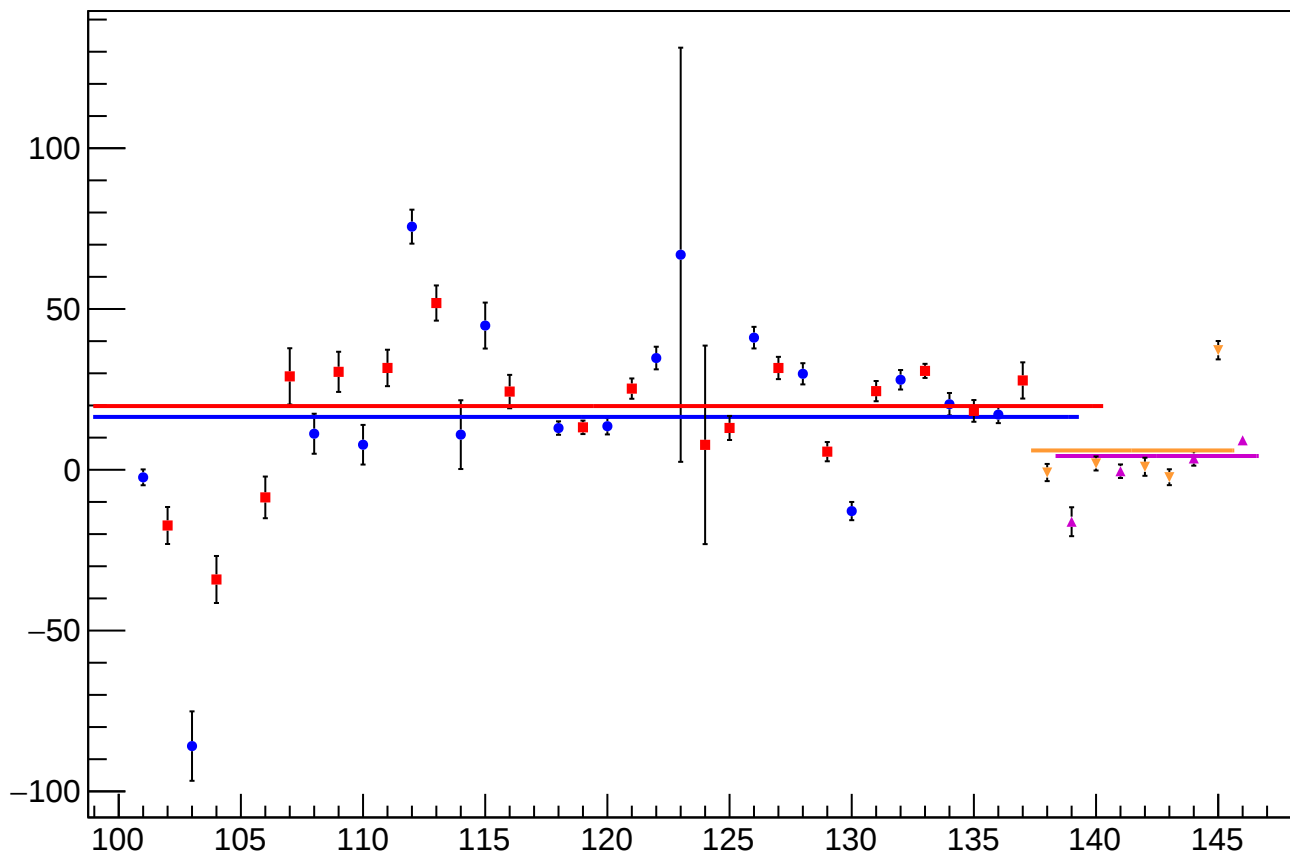
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.031+/-1.371 χ^2/NDF : 128.0/3

Out: -36.783+/-1.381 χ^2/NDF : 730.8/4

All: -42.451+/-0.973 χ^2/NDF : 892.2/8

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2/NDF : 516.9/16

Left Out: 6.013+/-1.145 χ^2/NDF :143.6/4

Right Out: 19.813+/-0.899 χ^2/NDF : 238.5/17

Left In: 4.283+/-1.038 χ^2/NDF :36.6/3

Left: 5.064+/-0.769 χ^2/NDF : 181.5/8

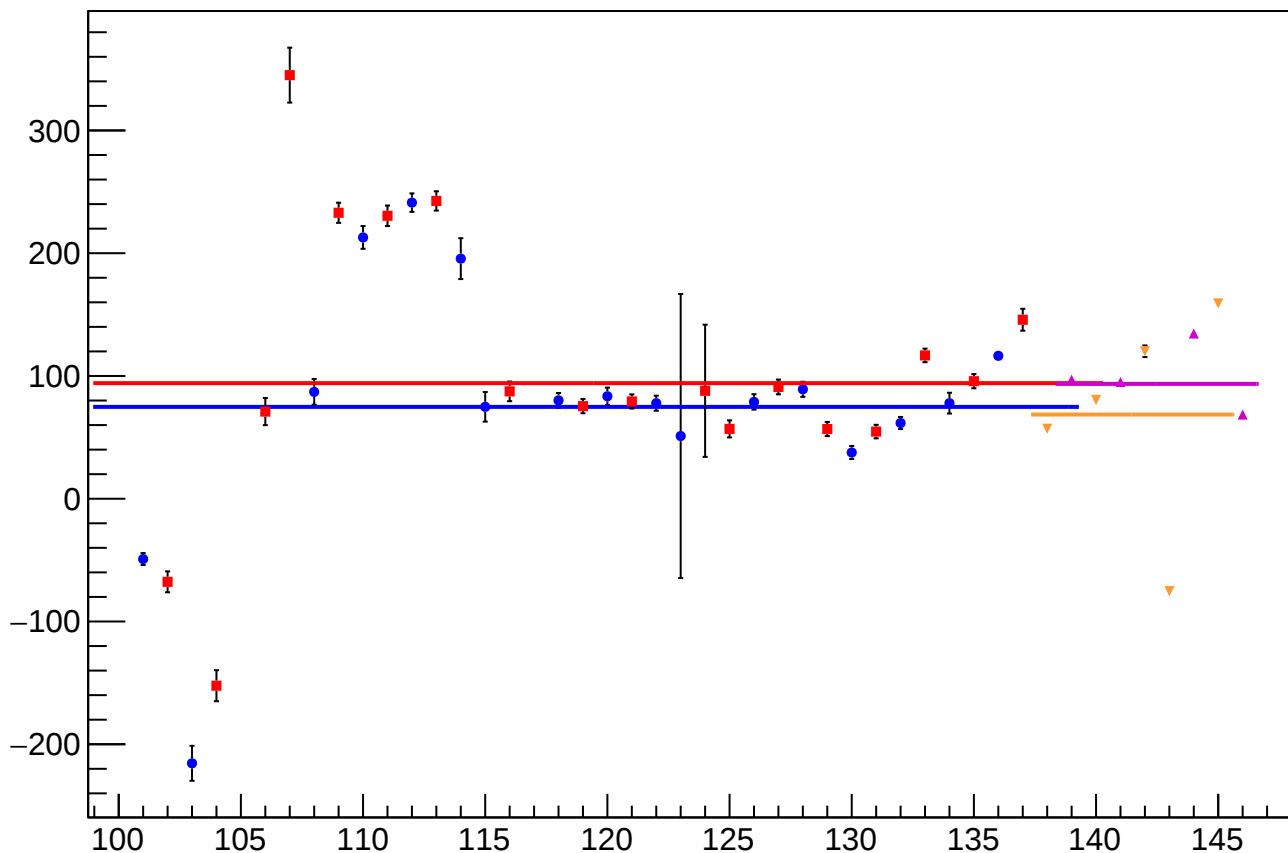
Right: 18.028+/-0.617 χ^2/NDF : 762.9/34

In: 11.570+/-0.657 χ^2/NDF :635.8/20

Out: 14.552+/-0.707 χ^2/NDF :471.9/22

All: 12.951+/-0.481 χ^2/NDF : 1117.2/43

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 68.561 $\pm$ 1.474 χ^2 /NDF:2284.6/4

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 93.546 $\pm$ 1.418 χ^2 /NDF:256.0/3

Left: 81.532 $\pm$ 1.022 χ^2 /NDF: 2689.8/8

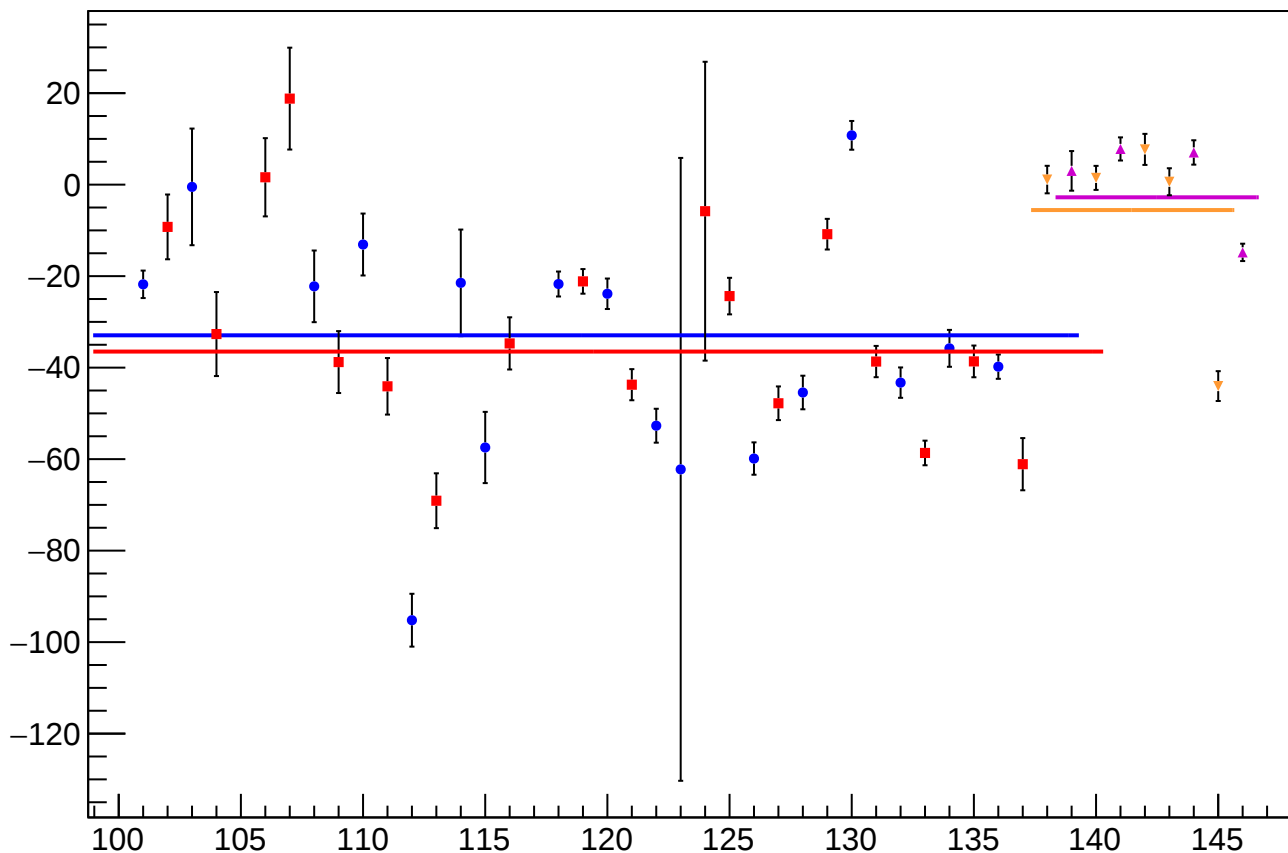
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 85.528 $\pm$ 1.072 χ^2 /NDF:2327.5/20

Out: 79.394 $\pm$ 1.119 χ^2 /NDF:4381.4/22

All: 82.592 $\pm$ 0.774 χ^2 /NDF: 6724.6/43

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -5.555 ± 1.347 χ^2/NDF : 171.0/4

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -2.769 ± 1.262 χ^2/NDF : 73.0/3

Left: -4.071 ± 0.921 χ^2/NDF : 246.3/8

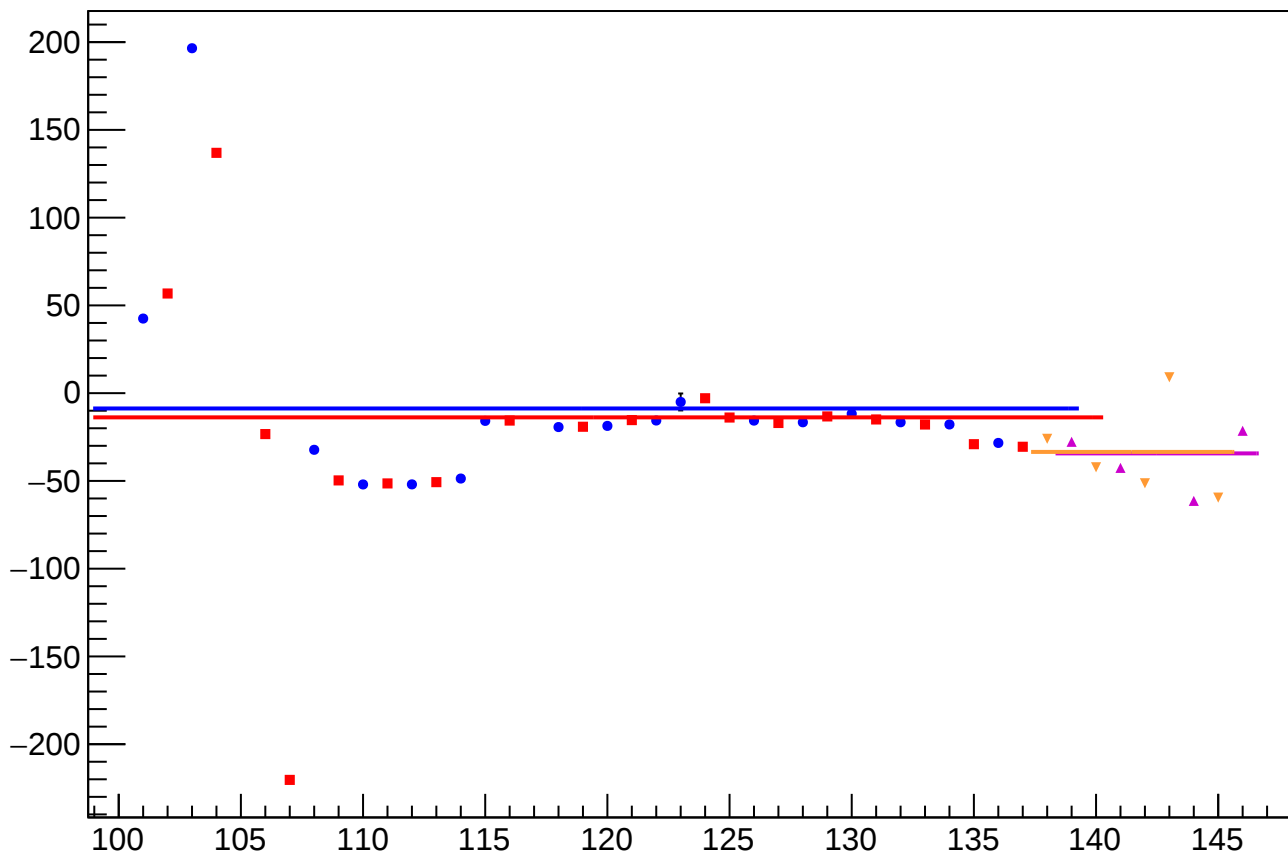
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -21.680 ± 0.771 χ^2/NDF : 922.2/20

Out: -25.118 ± 0.817 χ^2/NDF : 797.9/22

All: -23.300 ± 0.560 χ^2/NDF : 1729.4/43

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -33.474 ± 0.060 χ^2/NDF : 133628.5/4

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -34.320 ± 0.058 χ^2/NDF : 55910.5/3

Left: -33.910 ± 0.041 χ^2/NDF : 189642.8/8

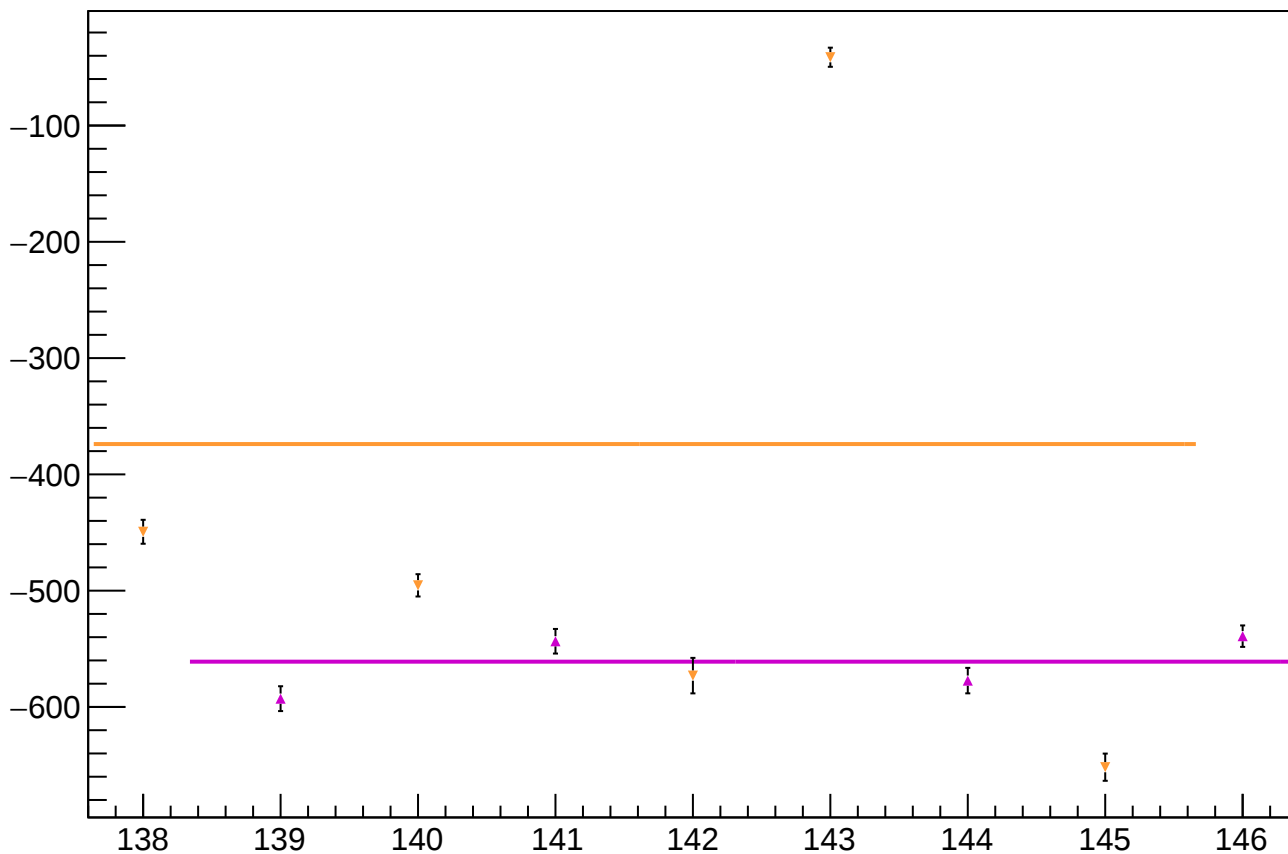
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -21.751 ± 0.041 χ^2/NDF : 727983.9/20

Out: -24.041 ± 0.043 χ^2/NDF : 735297.6/22

All: -22.848 ± 0.030 χ^2/NDF : 1464757.8/43

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -373.916+/-4.629 χ^2/NDF :2584.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -561.059+/-5.143 χ^2/NDF :19.5/3

Left: -457.654+/-3.441 χ^2/NDF : 3335.3/8

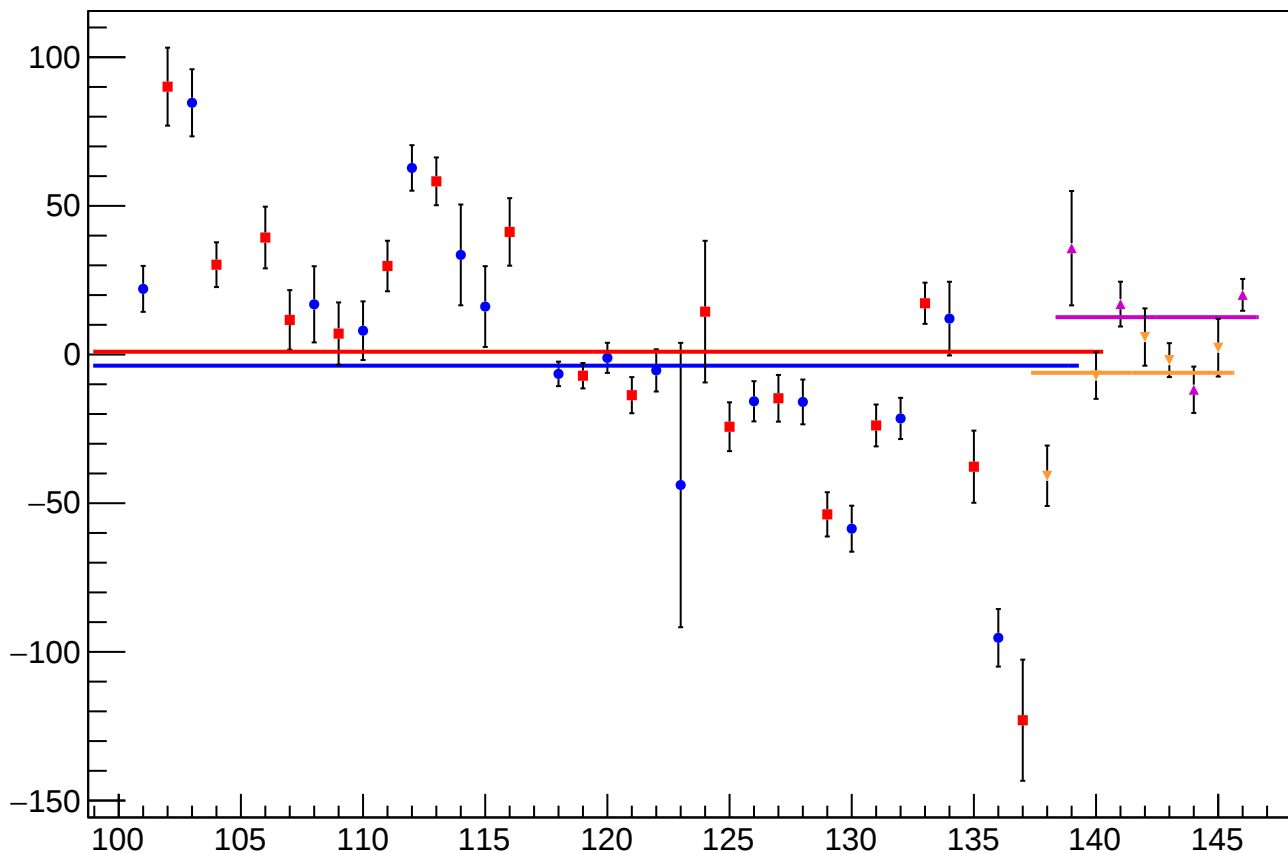
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -561.059+/-5.143 χ^2/NDF :19.5/3

Out: -373.916+/-4.629 χ^2/NDF :2584.3/4

All: -457.654+/-3.441 χ^2/NDF : 3335.3/8

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -6.142 ± 3.580 χ^2/NDF : 14.5/4

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 12.571 ± 3.737 χ^2/NDF : 13.6/3

Left: 2.814 ± 2.585 χ^2/NDF : 41.1/8

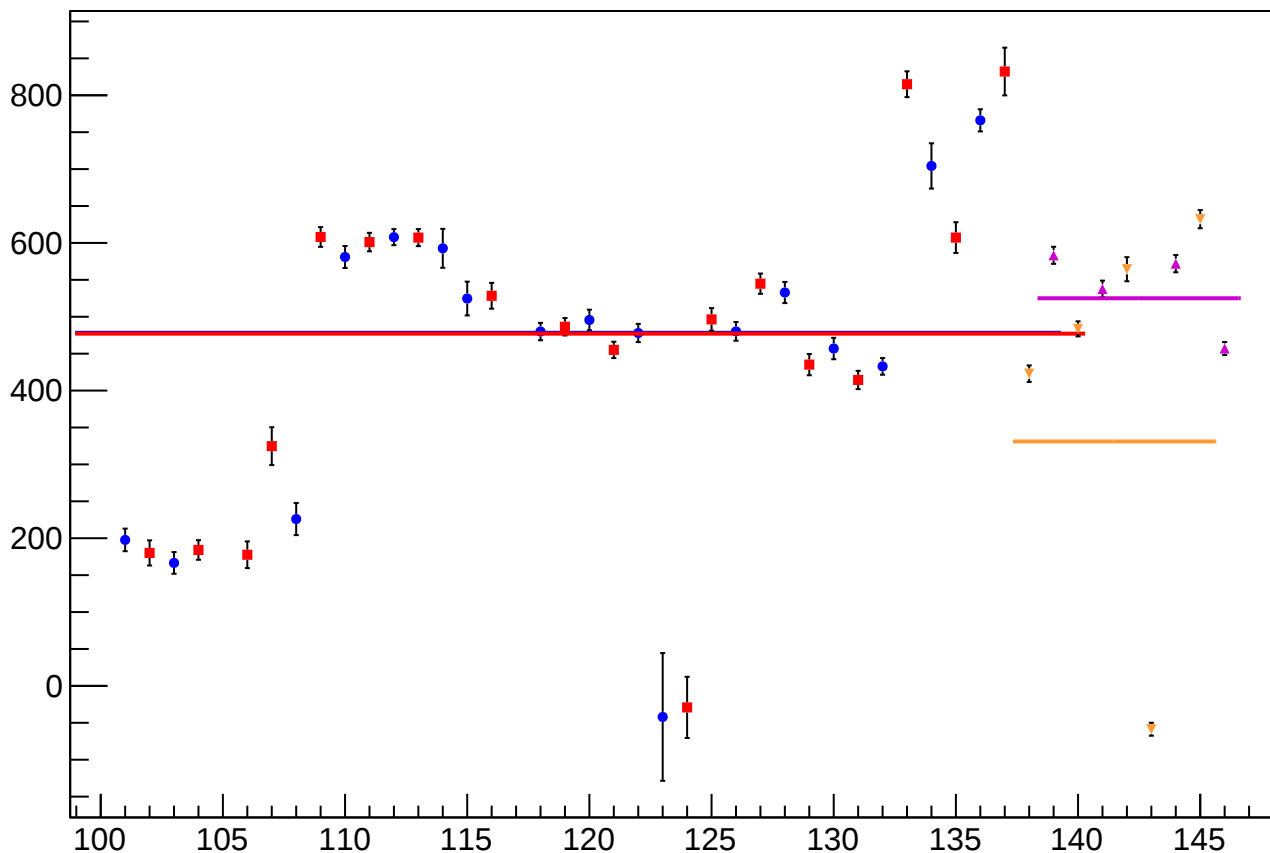
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -0.415 ± 1.688 χ^2/NDF : 342.8/20

Out: -0.633 ± 1.691 χ^2/NDF : 311.2/22

All: -0.524 ± 1.194 χ^2/NDF : 654.1/43

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 331.045+/-4.941 χ^2/NDF :3067.2/4

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 525.049+/-5.304 χ^2/NDF :102.2/3

Left: 421.196+/-3.615 χ^2/NDF : 3885.7/8

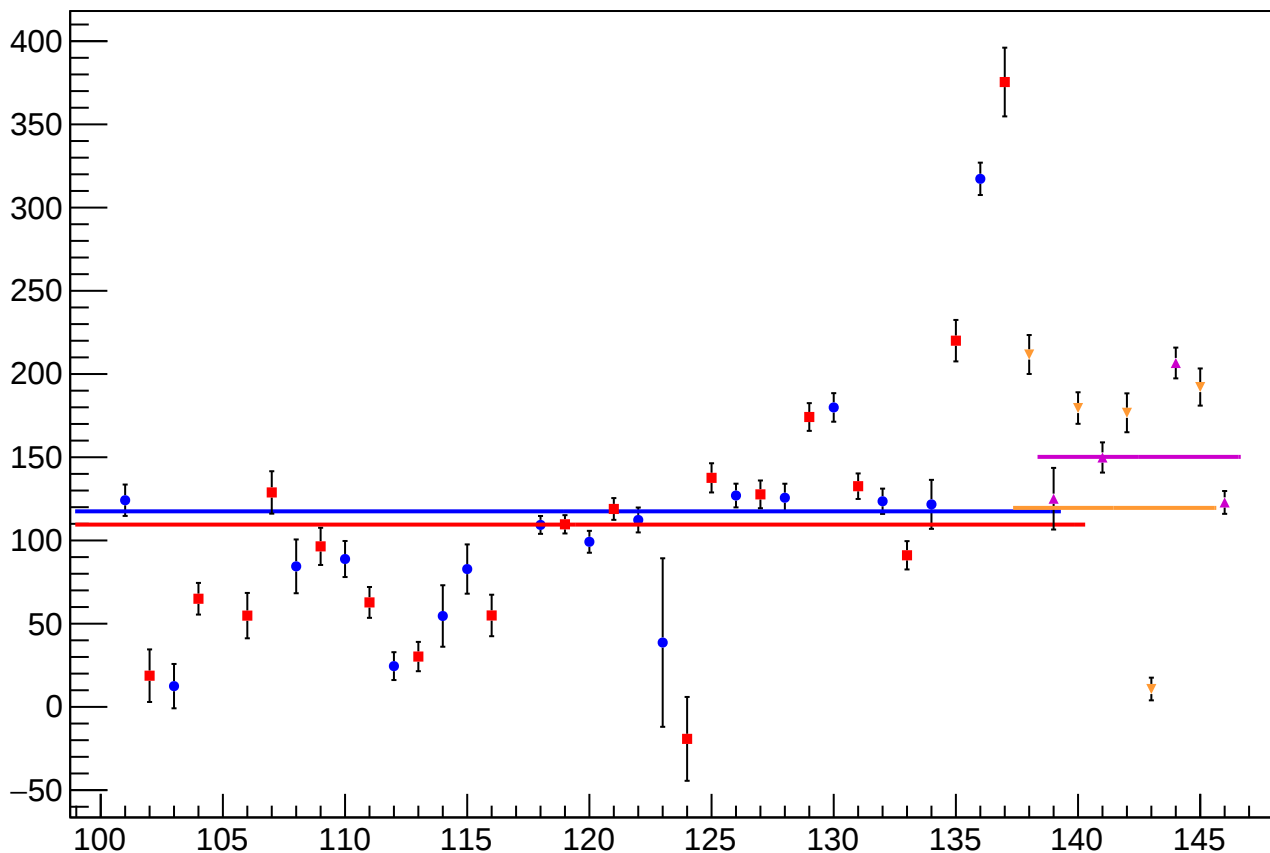
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 493.235+/-3.000 χ^2/NDF :1783.1/20

Out: 427.539+/-2.878 χ^2/NDF :5820.2/22

All: 459.028+/-2.077 χ^2/NDF : 7852.9/43

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: 119.573 $\pm$ 4.252 χ^2 /NDF:423.3/4

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 150.224 $\pm$ 4.564 χ^2 /NDF:55.0/3

Left: 133.813 $\pm$ 3.111 χ^2 /NDF: 502.4/8

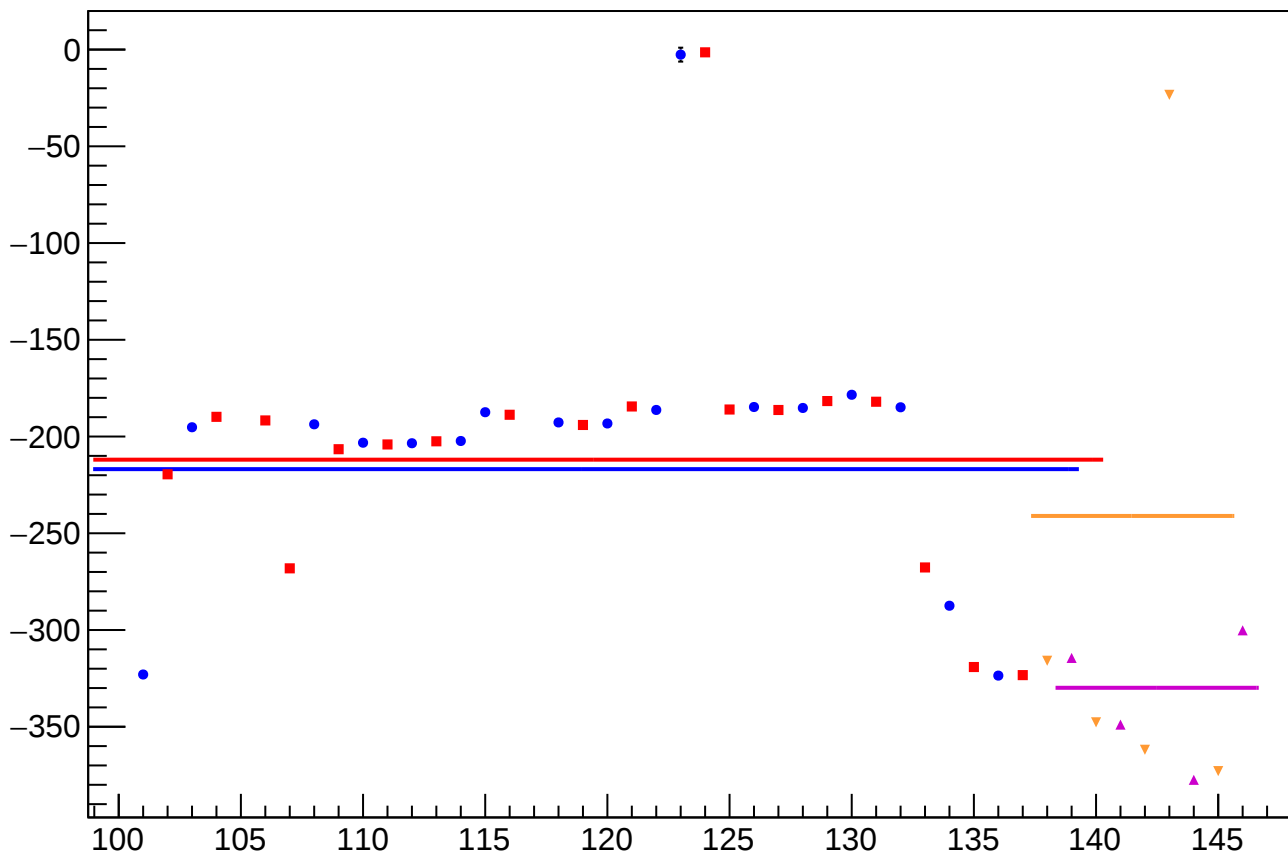
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 123.660 $\pm$ 1.980 χ^2 /NDF:802.6/20

Out: 111.668 $\pm$ 1.960 χ^2 /NDF:989.8/22

All: 117.602 $\pm$ 1.393 χ^2 /NDF: 1811.0/43

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -241.043+/-0.201 χ^2/NDF : 574892.8/4

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -329.861+/-0.220 χ^2/NDF : 17133.5/3

Left: -281.530+/-0.148 χ^2/NDF : 680885.9/8

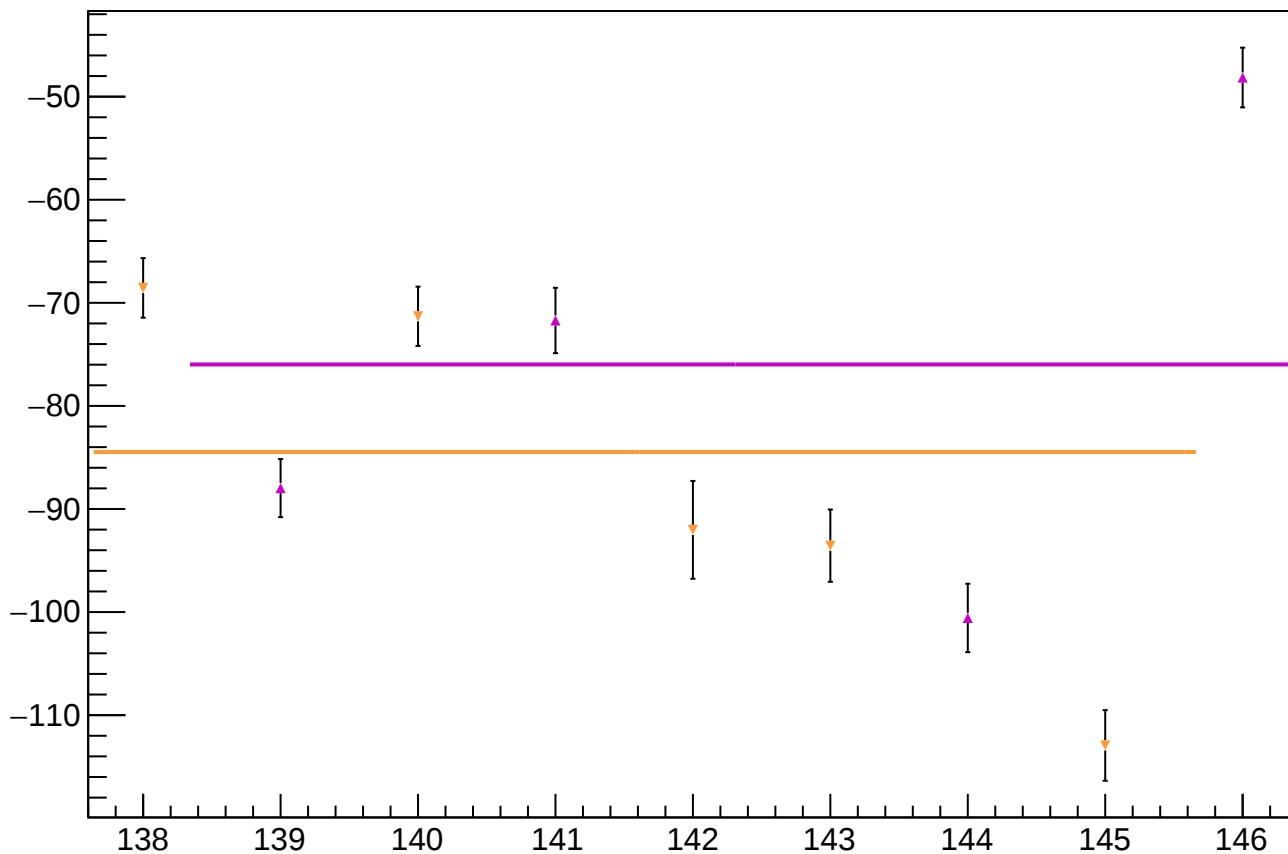
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -248.096+/-0.116 χ^2/NDF : 355331.0/20

Out: -220.589+/-0.110 χ^2/NDF : 701683.7/22

All: -233.611+/-0.080 χ^2/NDF : 1086847.8/43

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.471+/-1.488 χ^2/NDF :129.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.978+/-1.516 χ^2/NDF :167.1/3

Left: -80.302+/-1.062 χ^2/NDF : 312.6/8

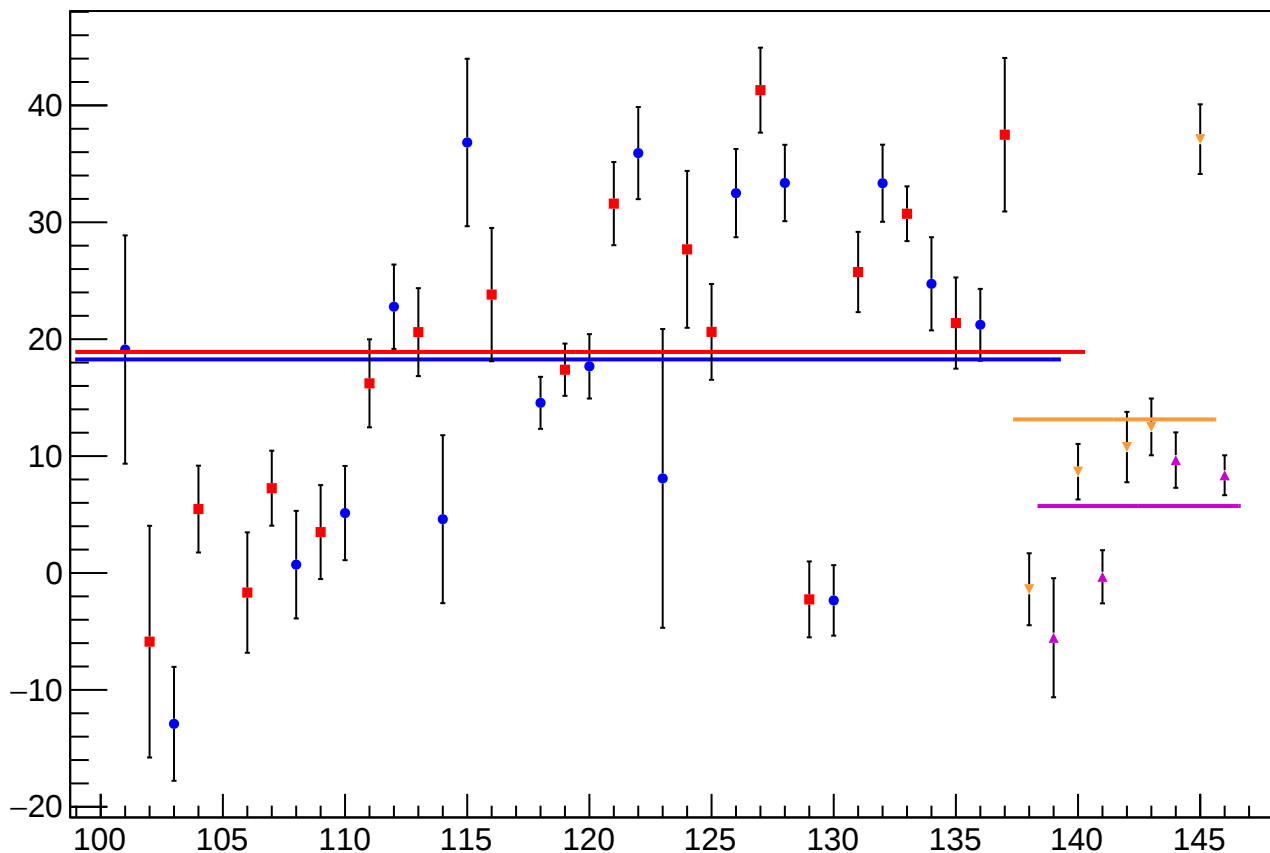
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.978+/-1.516 χ^2/NDF :167.1/3

Out: -84.471+/-1.488 χ^2/NDF :129.5/4

All: -80.302+/-1.062 χ^2/NDF : 312.6/8

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 13.141 $\pm$ 1.217 χ^2 /NDF:91.1/4

Right Out: 18.909 $\pm$ 0.864 χ^2 /NDF: 198.1/17

Left In: 5.727 $\pm$ 1.152 χ^2 /NDF:17.1/3

Left: 9.232 $\pm$ 0.837 χ^2 /NDF: 127.8/8

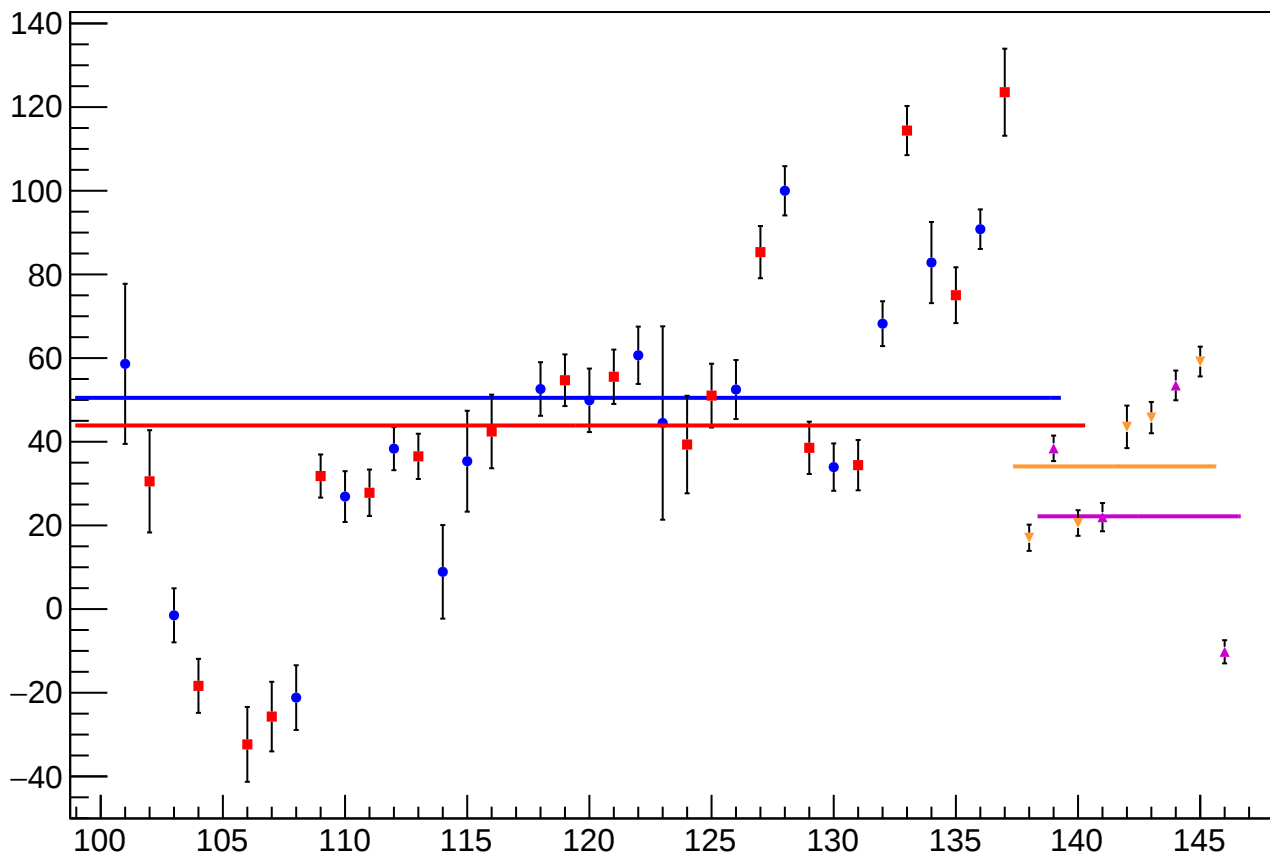
Right: 18.605 $\pm$ 0.626 χ^2 /NDF: 406.7/34

In: 13.472 $\pm$ 0.713 χ^2 /NDF:298.6/20

Out: 16.975 $\pm$ 0.705 χ^2 /NDF:304.2/22

All: 15.243 $\pm$ 0.501 χ^2 /NDF: 615.0/43

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: 34.108 $\pm$ 1.586 χ^2 /NDF:111.9/4

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 22.171 $\pm$ 1.572 χ^2 /NDF:242.6/3

Left: 28.084 $\pm$ 1.116 χ^2 /NDF: 383.0/8

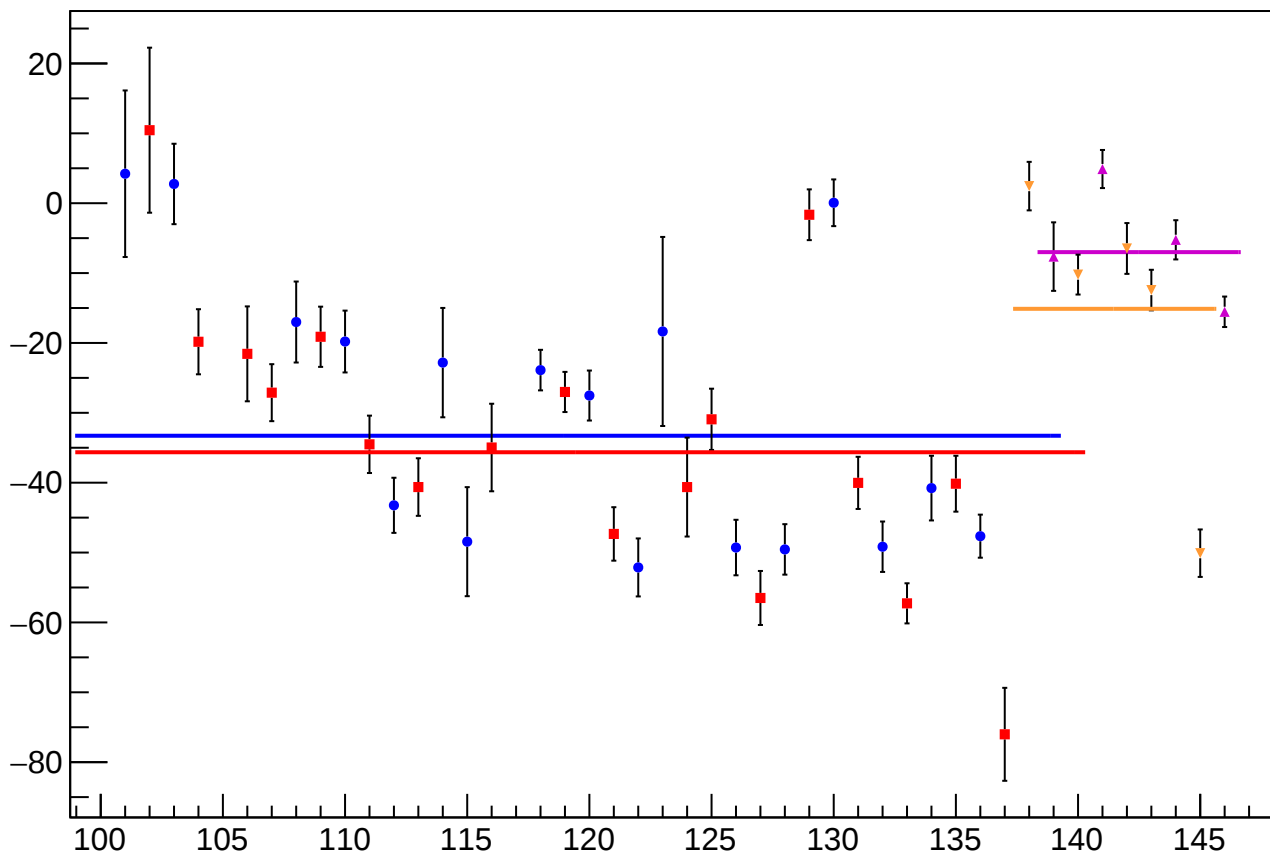
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 35.468 $\pm$ 1.145 χ^2 /NDF:758.3/20

Out: 38.948 $\pm$ 1.128 χ^2 /NDF:662.4/22

All: 37.234 $\pm$ 0.803 χ^2 /NDF: 1425.3/43

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: -15.115 ± 1.433 $\chi^2/\text{NDF}: 141.1/4$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -7.002 ± 1.396 $\chi^2/\text{NDF}: 34.8/3$

Left: -10.951 ± 1.000 $\chi^2/\text{NDF}: 192.3/8$

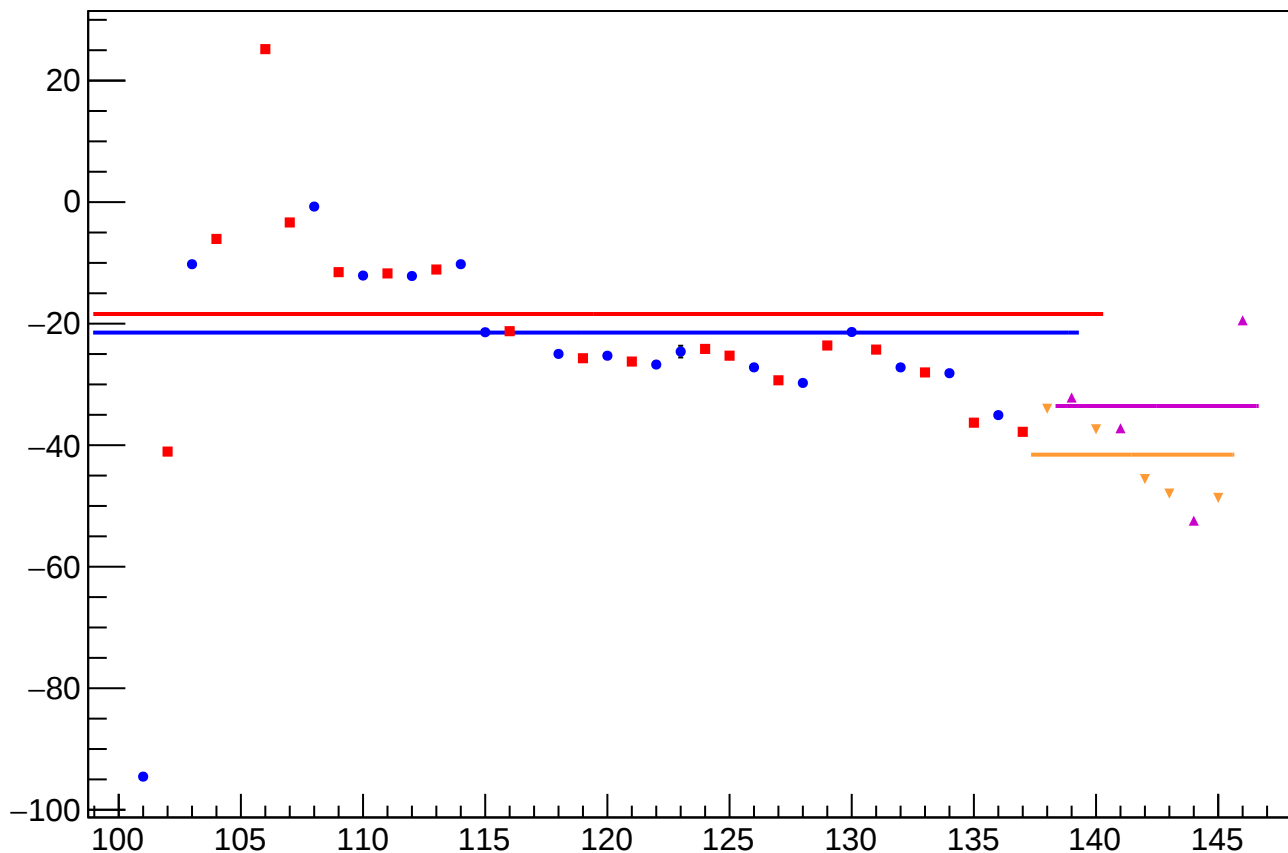
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -23.960 ± 0.831 $\chi^2/\text{NDF}: 556.4/20$

Out: -28.989 ± 0.816 $\chi^2/\text{NDF}: 564.2/22$

All: -26.521 ± 0.582 $\chi^2/\text{NDF}: 1139.3/43$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -41.559 ± 0.064 $\chi^2/\text{NDF}: 9574.8/4$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -33.551 ± 0.064 $\chi^2/\text{NDF}: 27778.8/3$

Left: -37.549 ± 0.045 $\chi^2/\text{NDF}: 45134.6/8$

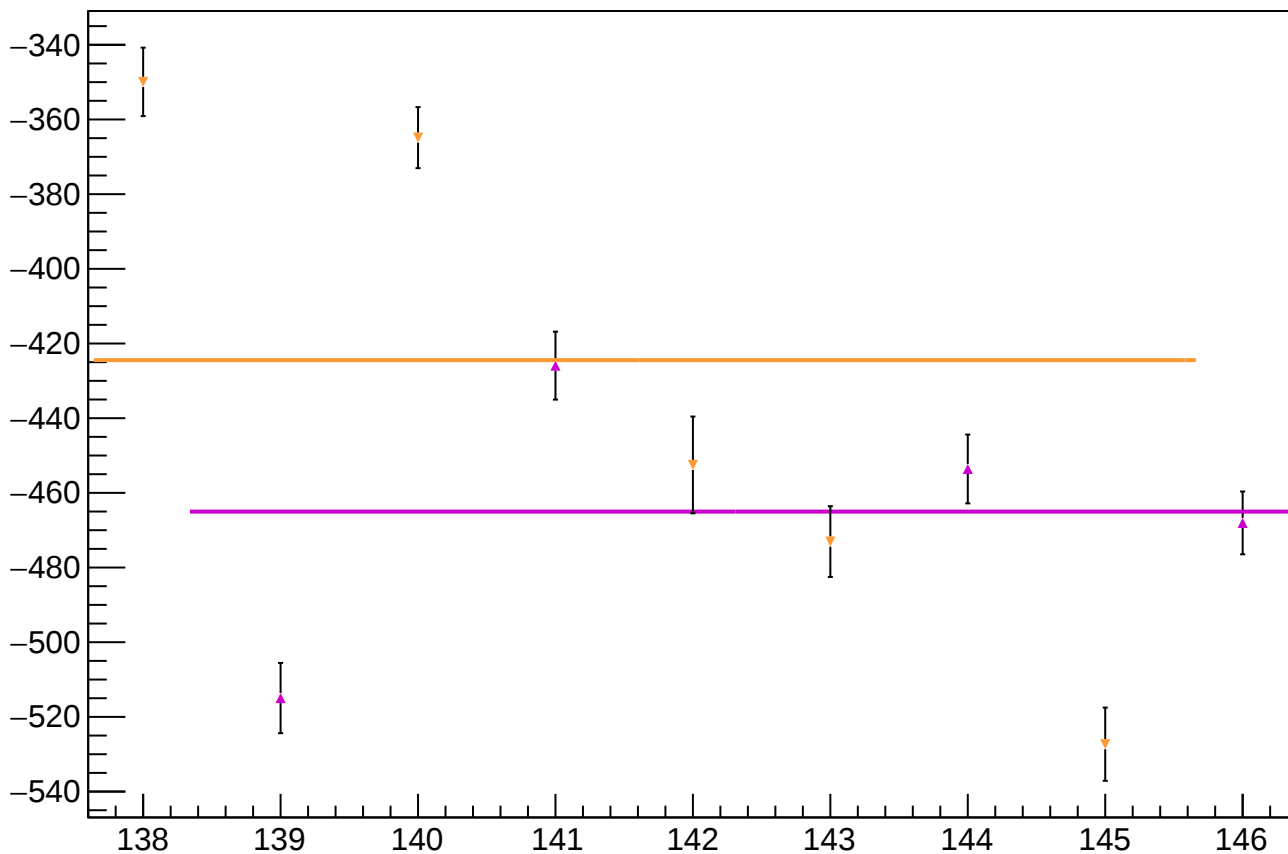
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -26.980 ± 0.043 $\chi^2/\text{NDF}: 96057.3/20$

Out: -28.683 ± 0.043 $\chi^2/\text{NDF}: 159378.4/22$

All: -27.842 ± 0.030 $\chi^2/\text{NDF}: 256217.9/43$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -424.449+/-4.289 χ^2/NDF :260.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -465.018+/-4.504 χ^2/NDF :48.3/3

Left: -443.742+/-3.106 χ^2/NDF : 351.2/8

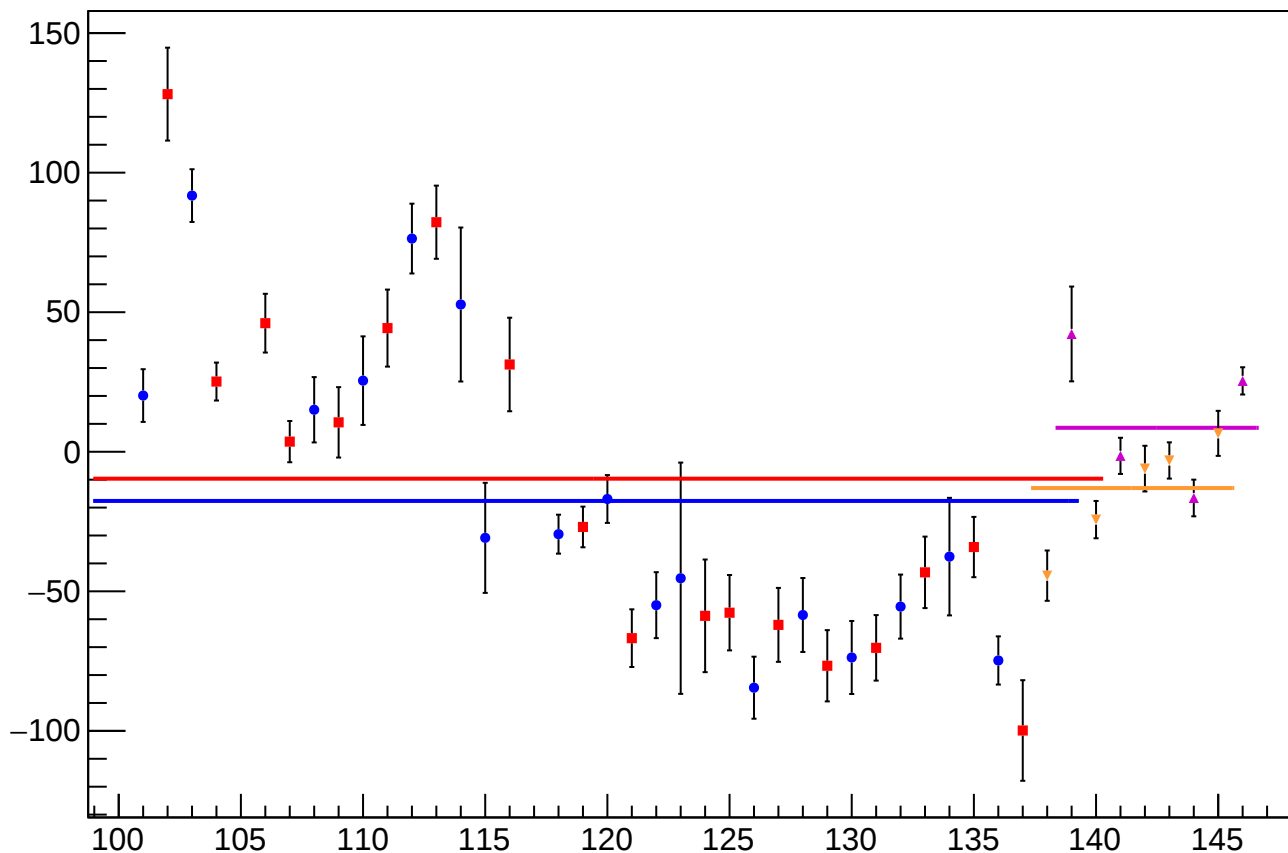
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -465.018+/-4.504 χ^2/NDF :48.3/3

Out: -424.449+/-4.289 χ^2/NDF :260.3/4

All: -443.742+/-3.106 χ^2/NDF : 351.2/8

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -13.001 ± 3.358 $\chi^2/\text{NDF}: 23.9/4$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 8.589 ± 3.288 $\chi^2/\text{NDF}: 32.9/3$

Left: -1.980 ± 2.349 $\chi^2/\text{NDF}: 77.9/8$

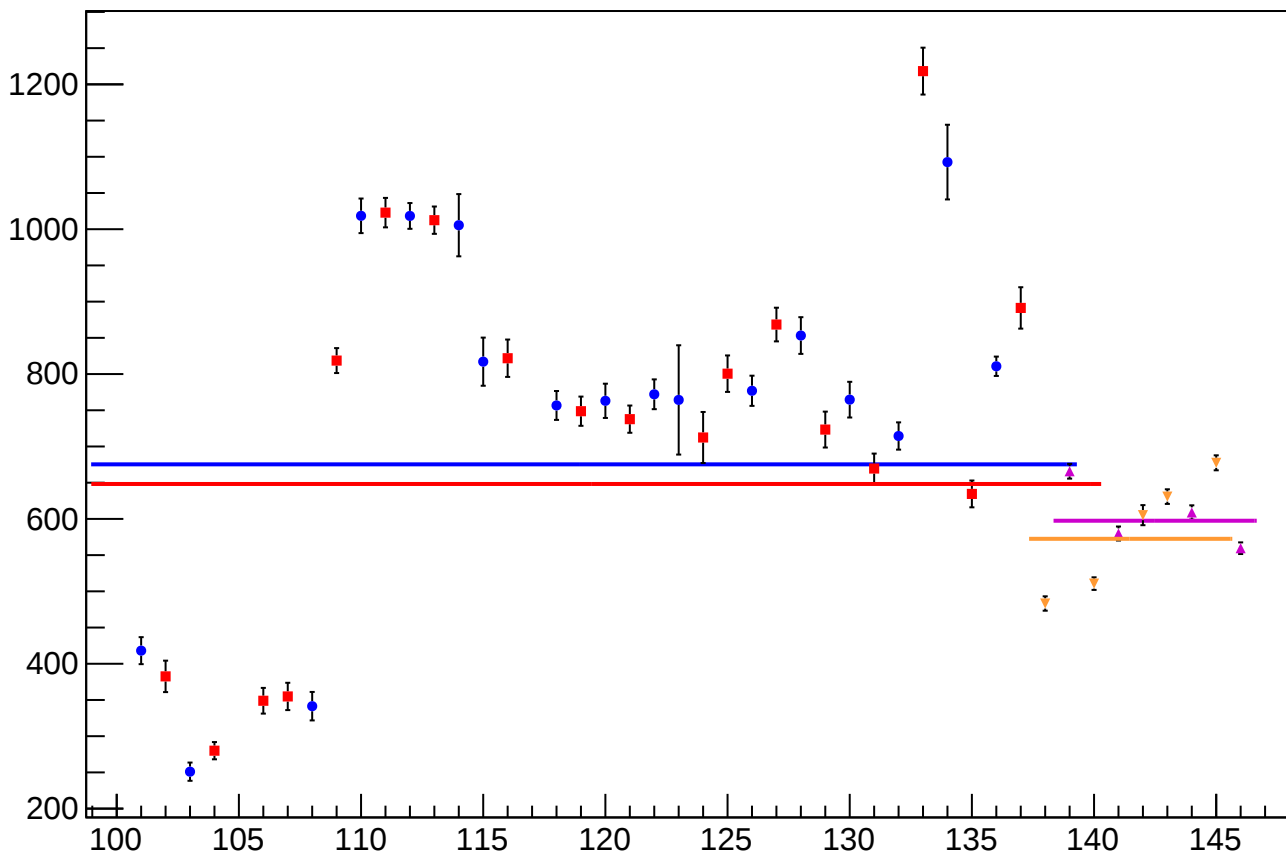
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -6.666 ± 2.126 $\chi^2/\text{NDF}: 431.9/20$

Out: -10.908 ± 2.062 $\chi^2/\text{NDF}: 385.2/22$

All: -8.852 ± 1.480 $\chi^2/\text{NDF}: 819.1/43$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 572.518+/-4.580 χ^2/NDF : 273.1/4

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 597.484+/-4.656 χ^2/NDF : 72.0/3

Left: 584.794+/-3.265 χ^2/NDF : 359.7/8

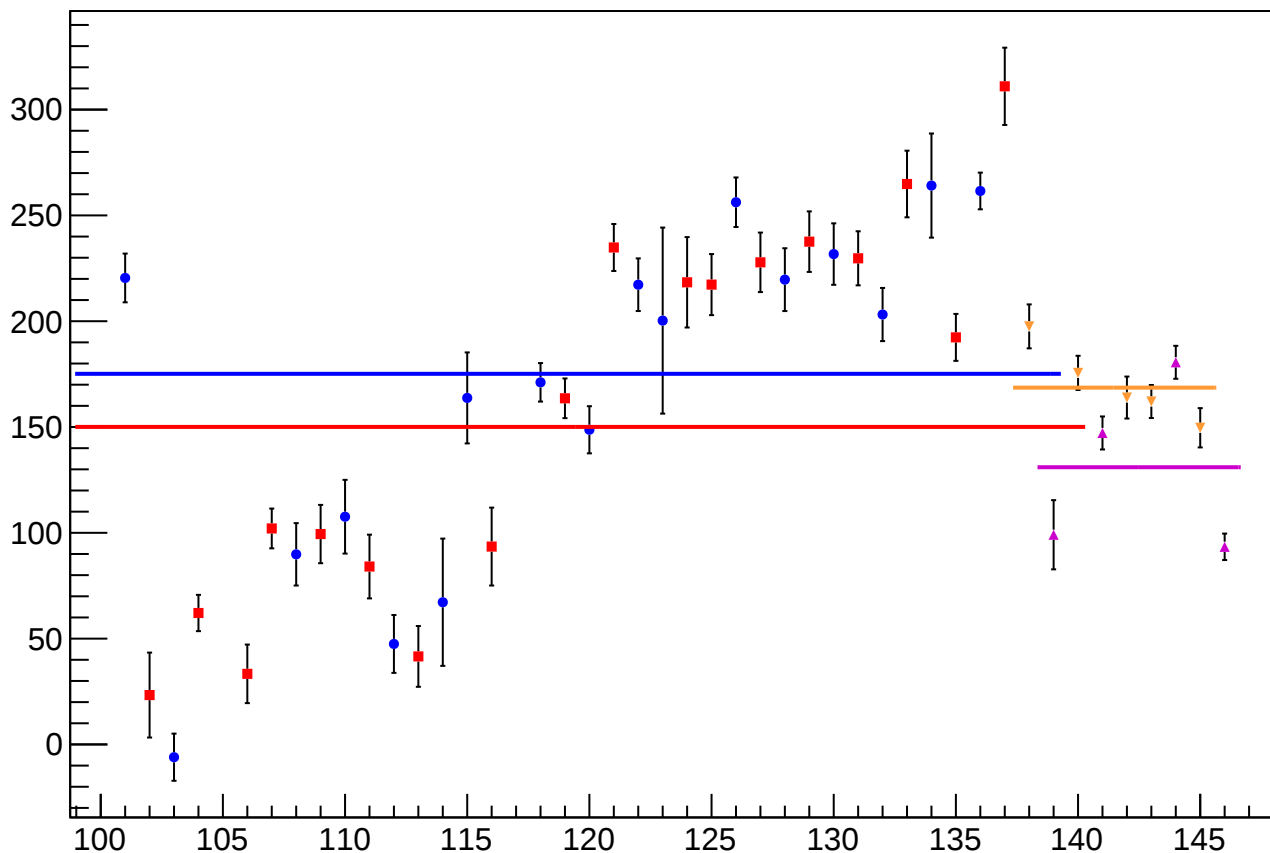
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 633.292+/-3.422 χ^2/NDF : 2783.3/20

Out: 608.795+/-3.305 χ^2/NDF : 3463.0/22

All: 620.619+/-2.377 χ^2/NDF : 6272.8/43

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 168.609 ± 3.991 $\chi^2/\text{NDF}: 13.6/4$

Right Out: 150.054 ± 3.045 $\chi^2/\text{NDF}: 686.2/17$

Left In: 130.998 ± 4.008 $\chi^2/\text{NDF}: 84.9/3$

Left: 149.882 ± 2.828 $\chi^2/\text{NDF}: 142.7/8$

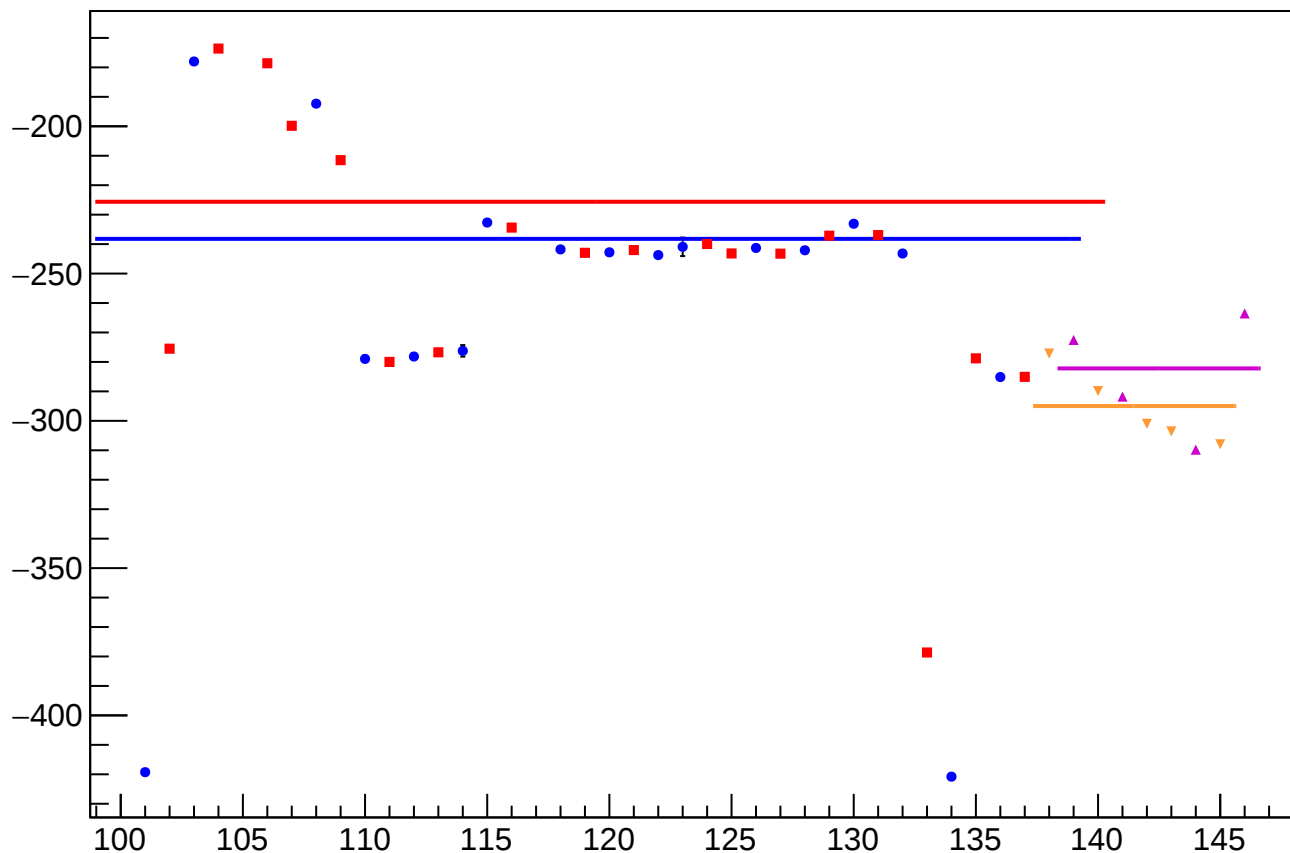
Right: 161.941 ± 2.209 $\chi^2/\text{NDF}: 1354.0/34$

In: 157.894 ± 2.505 $\chi^2/\text{NDF}: 794.4/20$

Out: 156.882 ± 2.421 $\chi^2/\text{NDF}: 713.4/22$

All: 157.371 ± 1.741 $\chi^2/\text{NDF}: 1508.0/43$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -294.981+/-0.187 χ^2 /NDF:3784.7/4

Right Out: -225.623+/-0.152 χ^2 /NDF: 95450.2/17

Left In: -282.202+/-0.193 χ^2 /NDF:7963.3/3

Left: -288.777+/-0.134 χ^2 /NDF: 14010.5/8

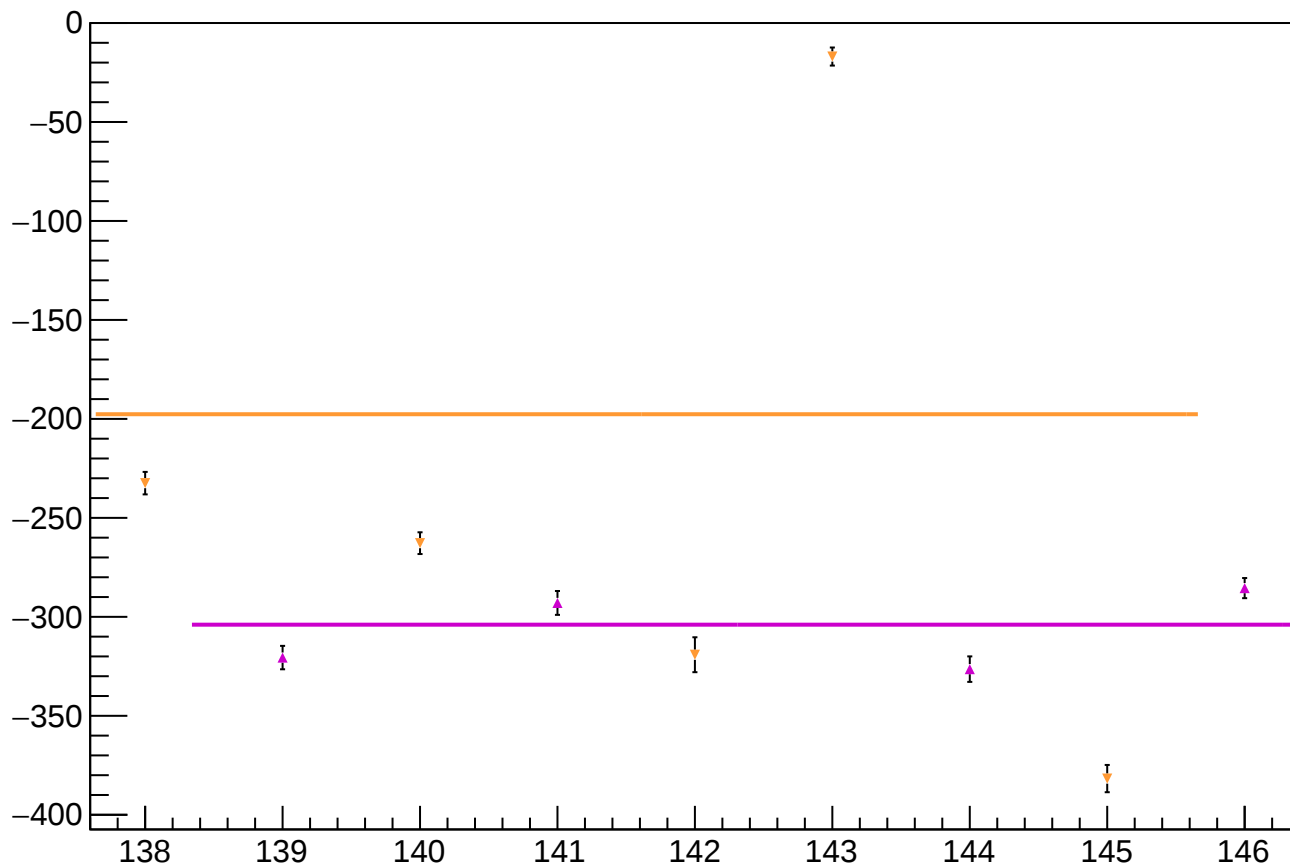
Right: -231.577+/-0.110 χ^2 /NDF: 265811.9/34

In: -256.172+/-0.123 χ^2 /NDF:205887.8/20

Out: -253.090+/-0.118 χ^2 /NDF:182156.6/22

All: -254.563+/-0.085 χ^2 /NDF: 388371.6/43

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -197.640+/-2.616 χ^2/NDF :2650.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -303.961+/-2.901 χ^2/NDF :36.6/3

Left: -245.334+/-1.943 χ^2/NDF : 3427.5/8

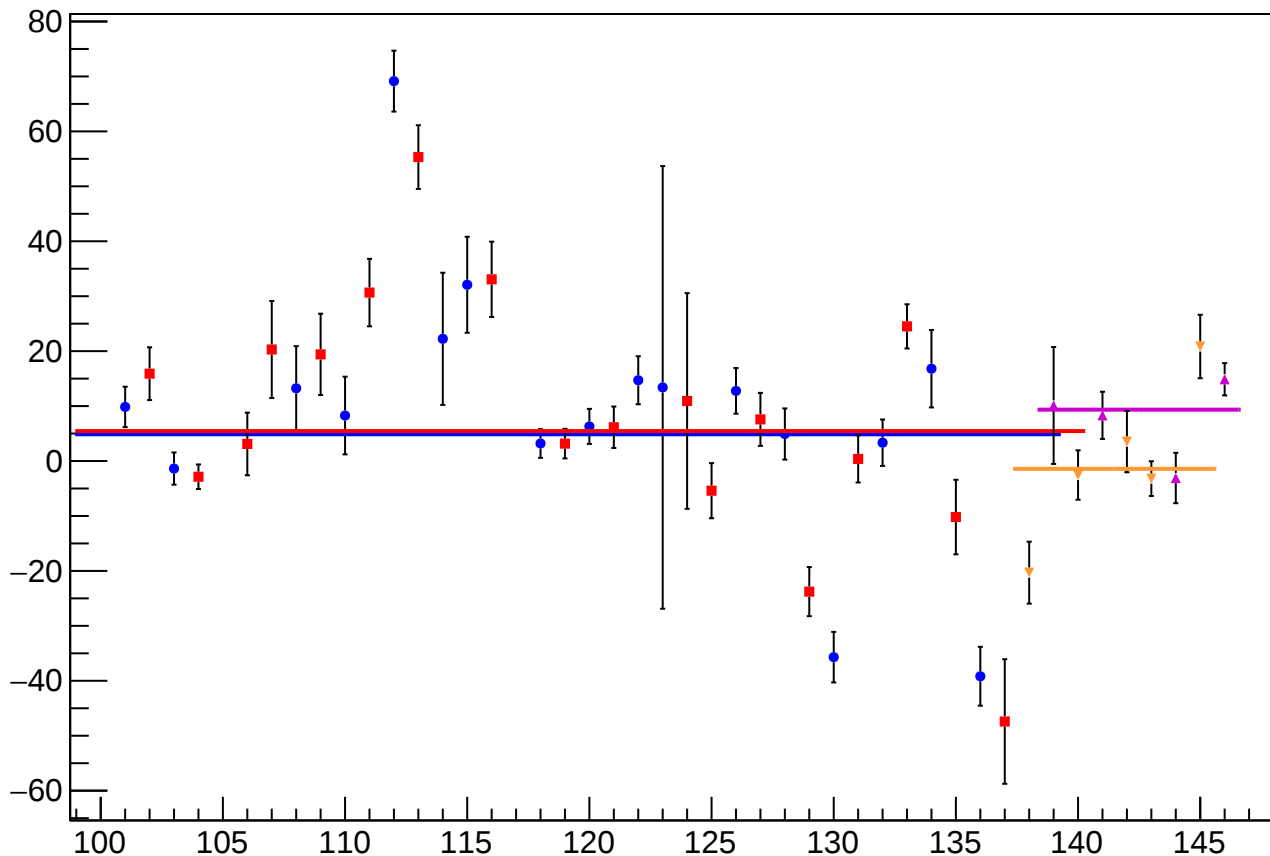
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -303.961+/-2.901 χ^2/NDF :36.6/3

Out: -197.640+/-2.616 χ^2/NDF :2650.2/4

All: -245.334+/-1.943 χ^2/NDF : 3427.5/8

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: -1.422 ± 2.029 χ^2/NDF : 27.3/4

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 9.350 ± 2.100 χ^2/NDF : 11.0/3

Left: 3.777 ± 1.459 χ^2/NDF : 51.9/8

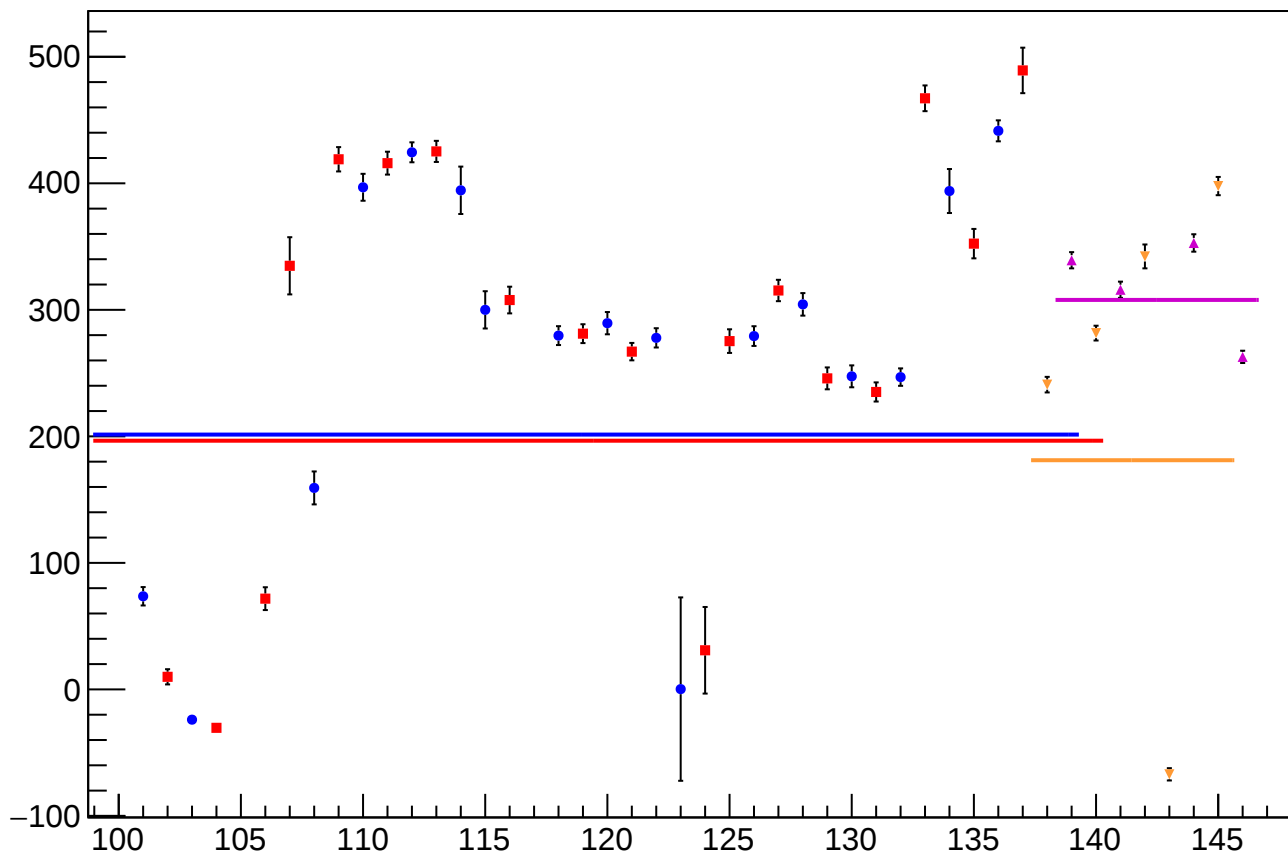
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 5.822 ± 0.968 χ^2/NDF : 326.1/20

Out: 3.952 ± 0.947 χ^2/NDF : 267.8/22

All: 4.866 ± 0.677 χ^2/NDF : 595.8/43

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: 181.140 $\pm$ 2.793 χ^2 /NDF:4182.6/4

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 307.840 $\pm$ 2.986 χ^2 /NDF:154.1/3

Left: 240.258 $\pm$ 2.040 χ^2 /NDF: 5297.0/8

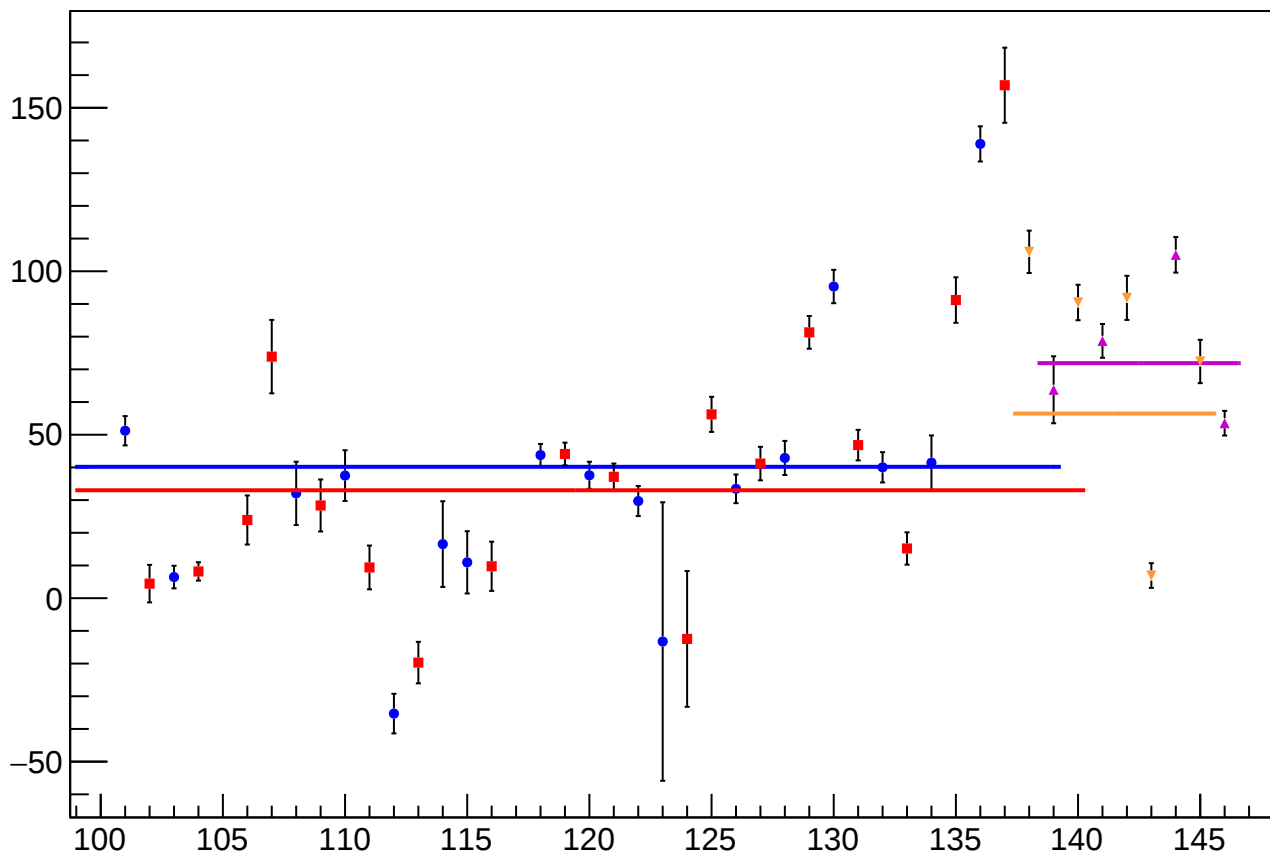
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 233.767 $\pm$ 1.646 χ^2 /NDF:7778.7/20

Out: 191.575 $\pm$ 1.588 χ^2 /NDF:12381.3/22

All: 211.914 $\pm$ 1.143 χ^2 /NDF: 20500.2/43

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 56.476 ± 2.408 $\chi^2/\text{NDF}: 302.6/4$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 71.901 ± 2.571 $\chi^2/\text{NDF}: 63.3/3$

Left: 63.683 ± 1.758 $\chi^2/\text{NDF}: 385.1/8$

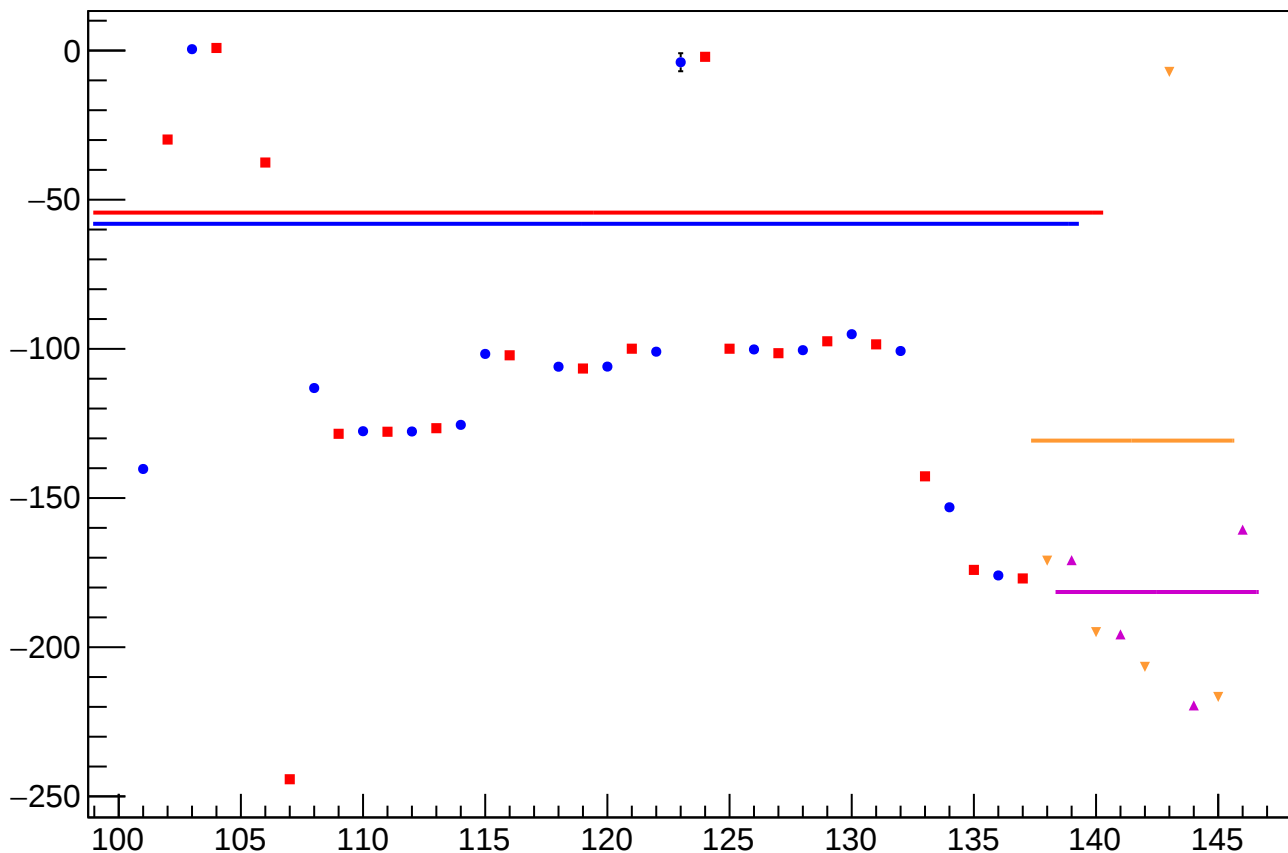
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 46.402 ± 1.139 $\chi^2/\text{NDF}: 919.6/20$

Out: 38.008 ± 1.111 $\chi^2/\text{NDF}: 924.5/22$

All: 42.103 ± 0.795 $\chi^2/\text{NDF}: 1872.0/43$

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: -130.747 ± 0.114 $\chi^2/\text{NDF}: 621191.8/4$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -181.496 ± 0.124 $\chi^2/\text{NDF}: 29831.3/3$

Left: -153.982 ± 0.084 $\chi^2/\text{NDF}: 742412.8/8$

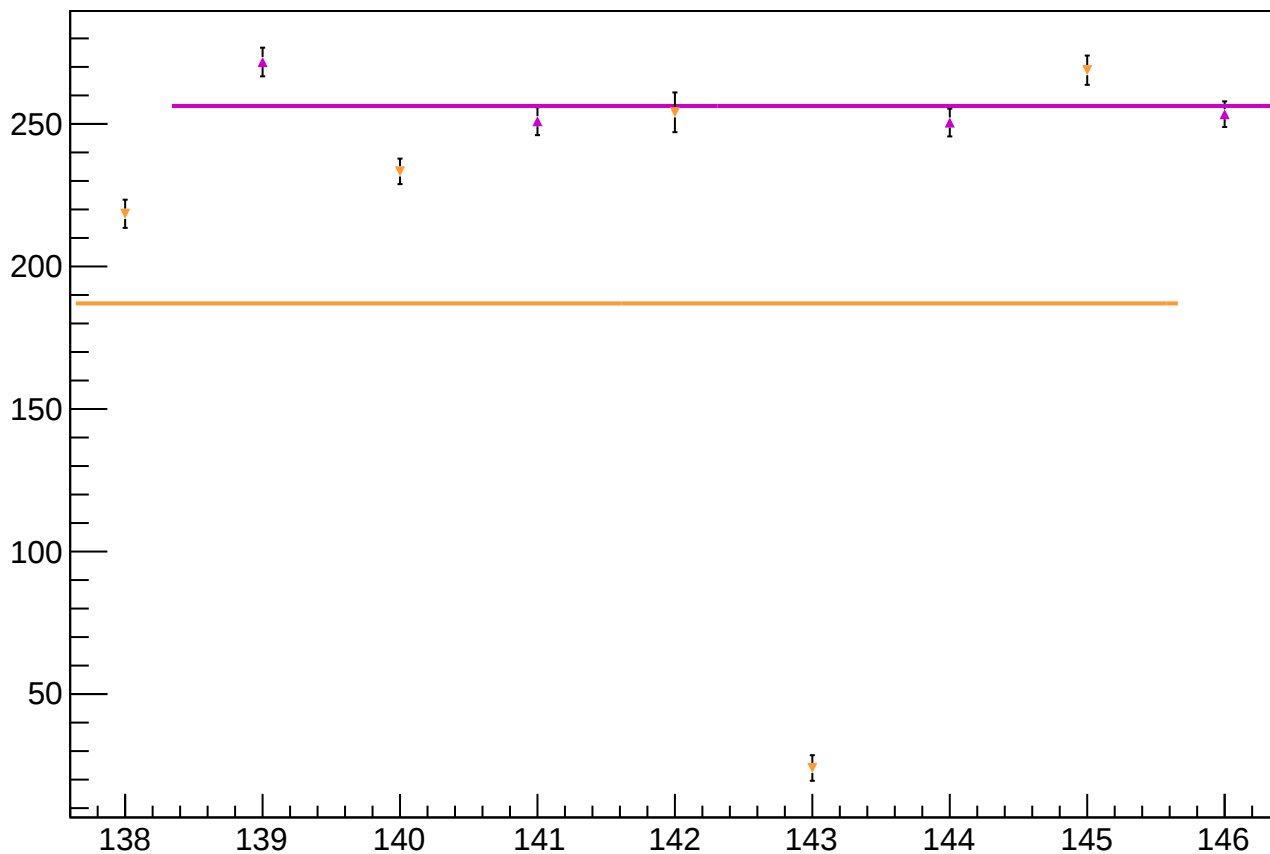
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -82.644 ± 0.055 $\chi^2/\text{NDF}: 1932796.1/20$

Out: -71.186 ± 0.053 $\chi^2/\text{NDF}: 1965045.0/22$

All: -76.726 ± 0.038 $\chi^2/\text{NDF}: 3920139.0/43$

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: 187.042+/-2.242 χ^2/NDF :1810.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.299+/-2.407 χ^2/NDF :12.4/3

Left: 219.229+/-1.641 χ^2/NDF : 2265.9/8

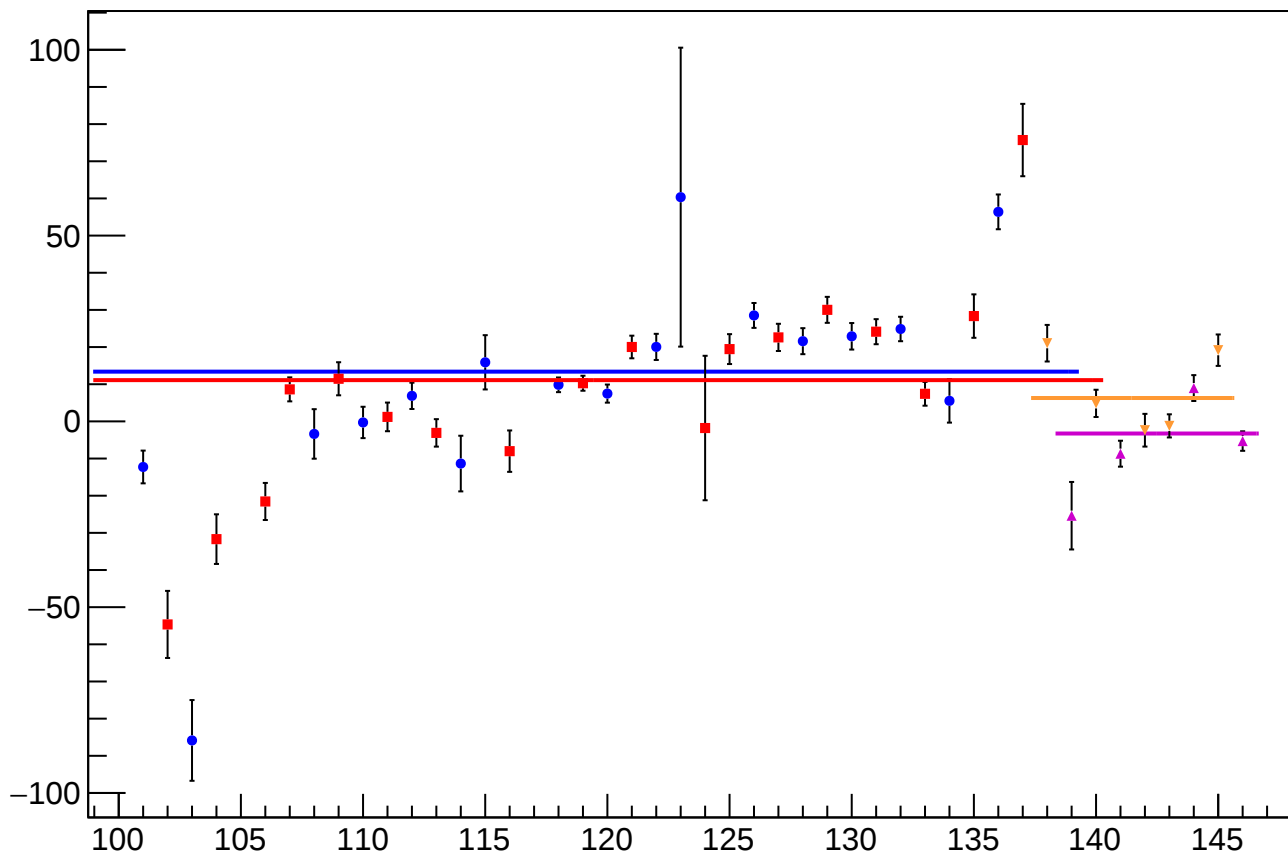
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.299+/-2.407 χ^2/NDF :12.4/3

Out: 187.042+/-2.242 χ^2/NDF :1810.2/4

All: 219.229+/-1.641 χ^2/NDF : 2265.9/8

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 6.290 ± 1.751 χ^2/NDF : 28.1/4

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: -3.265 ± 1.762 χ^2/NDF : 21.3/3

Left: 1.544 ± 1.242 χ^2/NDF : 64.2/8

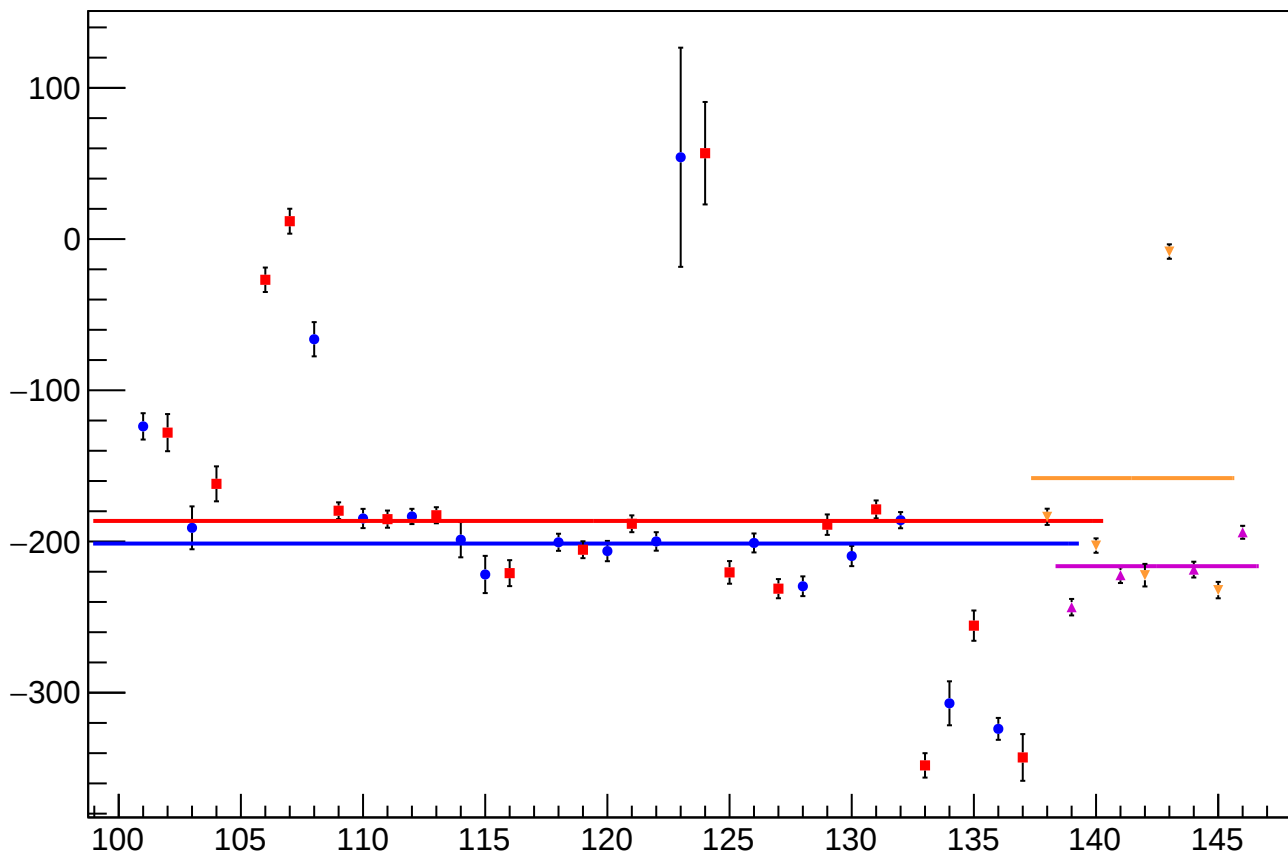
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 9.813 ± 0.816 χ^2/NDF : 385.5/20

Out: 10.068 ± 0.811 χ^2/NDF : 326.2/22

All: 9.941 ± 0.575 χ^2/NDF : 711.8/43

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -158.083 ± 2.395 $\chi^2/\text{NDF}: 1349.0/4$

Right Out: -186.409 ± 1.703 $\chi^2/\text{NDF}: 1699.5/17$

Left In: -216.332 ± 2.489 $\chi^2/\text{NDF}: 53.5/3$

Left: -186.088 ± 1.726 $\chi^2/\text{NDF}: 1686.9/8$

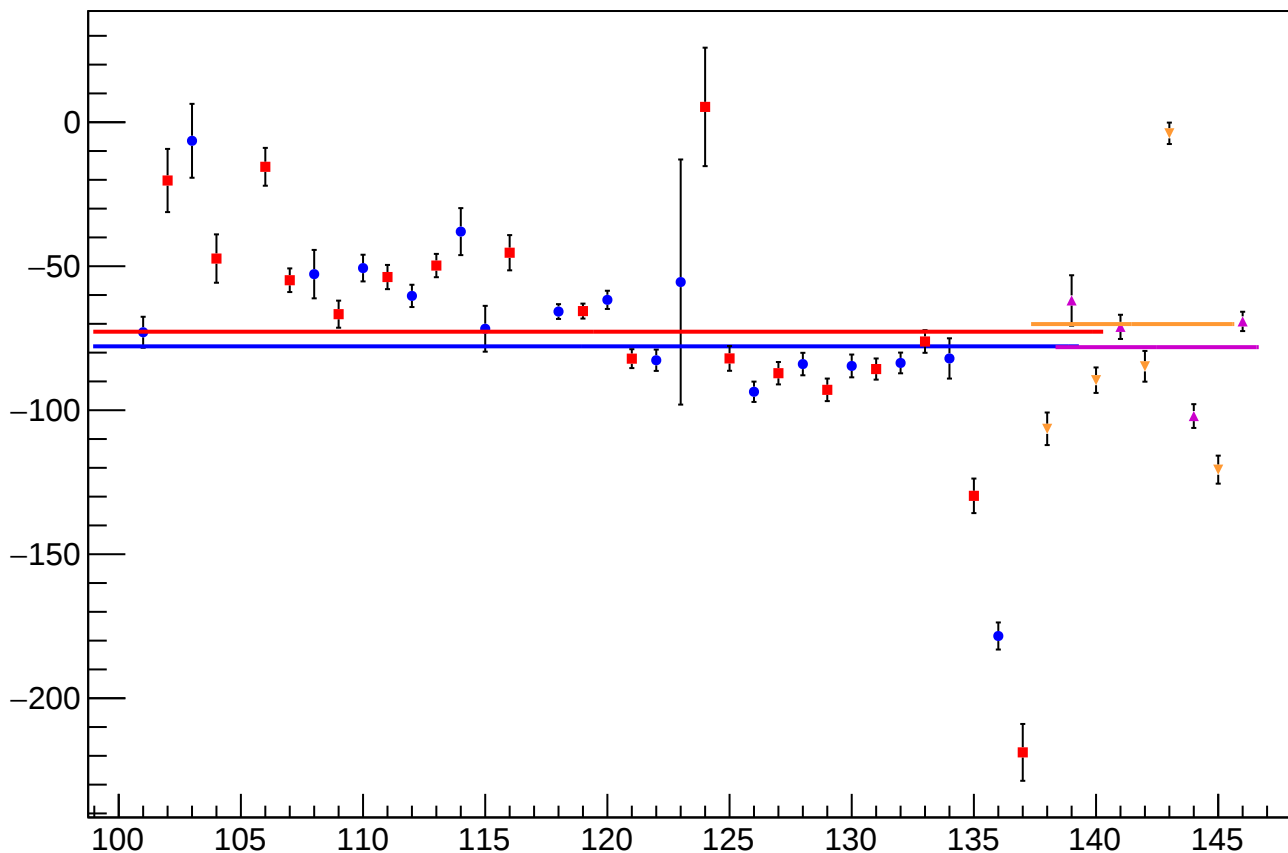
Right: -193.544 ± 1.232 $\chi^2/\text{NDF}: 2361.2/34$

In: -206.445 ± 1.450 $\chi^2/\text{NDF}: 702.4/20$

Out: -176.894 ± 1.388 $\chi^2/\text{NDF}: 3141.4/22$

All: -191.027 ± 1.003 $\chi^2/\text{NDF}: 4060.5/43$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -70.086 ± 2.076 χ^2/NDF : 493.4/4

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -78.100 ± 2.146 χ^2/NDF : 46.9/3

Left: -73.960 ± 1.492 χ^2/NDF : 547.5/8

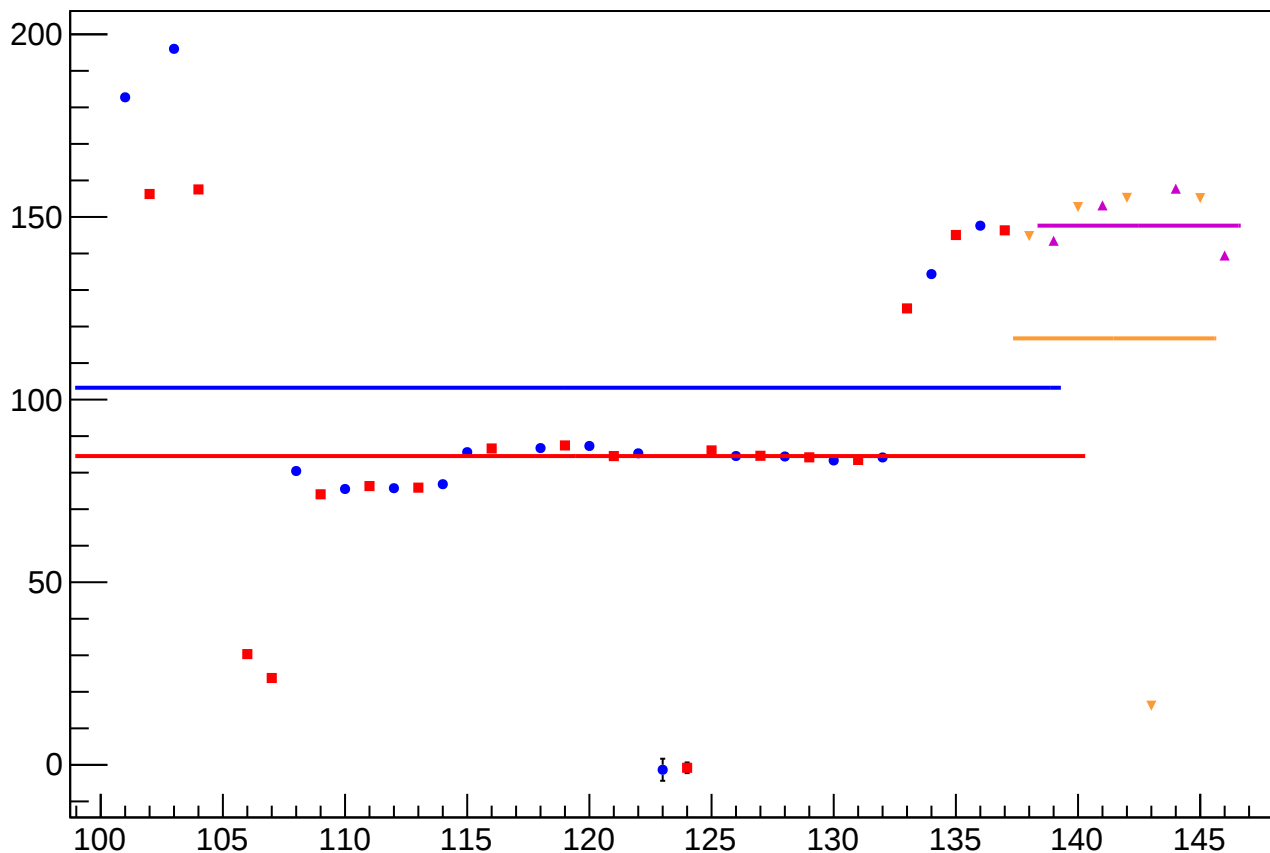
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.874 ± 0.956 χ^2/NDF : 703.3/20

Out: -72.192 ± 0.939 χ^2/NDF : 1093.7/22

All: -74.983 ± 0.670 χ^2/NDF : 1814.9/43

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: 116.759 $\pm$ 0.097 χ^2 /NDF:369558.1/4

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 147.622 $\pm$ 0.103 χ^2 /NDF:4819.9/3

Left: 131.322 $\pm$ 0.071 χ^2 /NDF: 421730.9/8

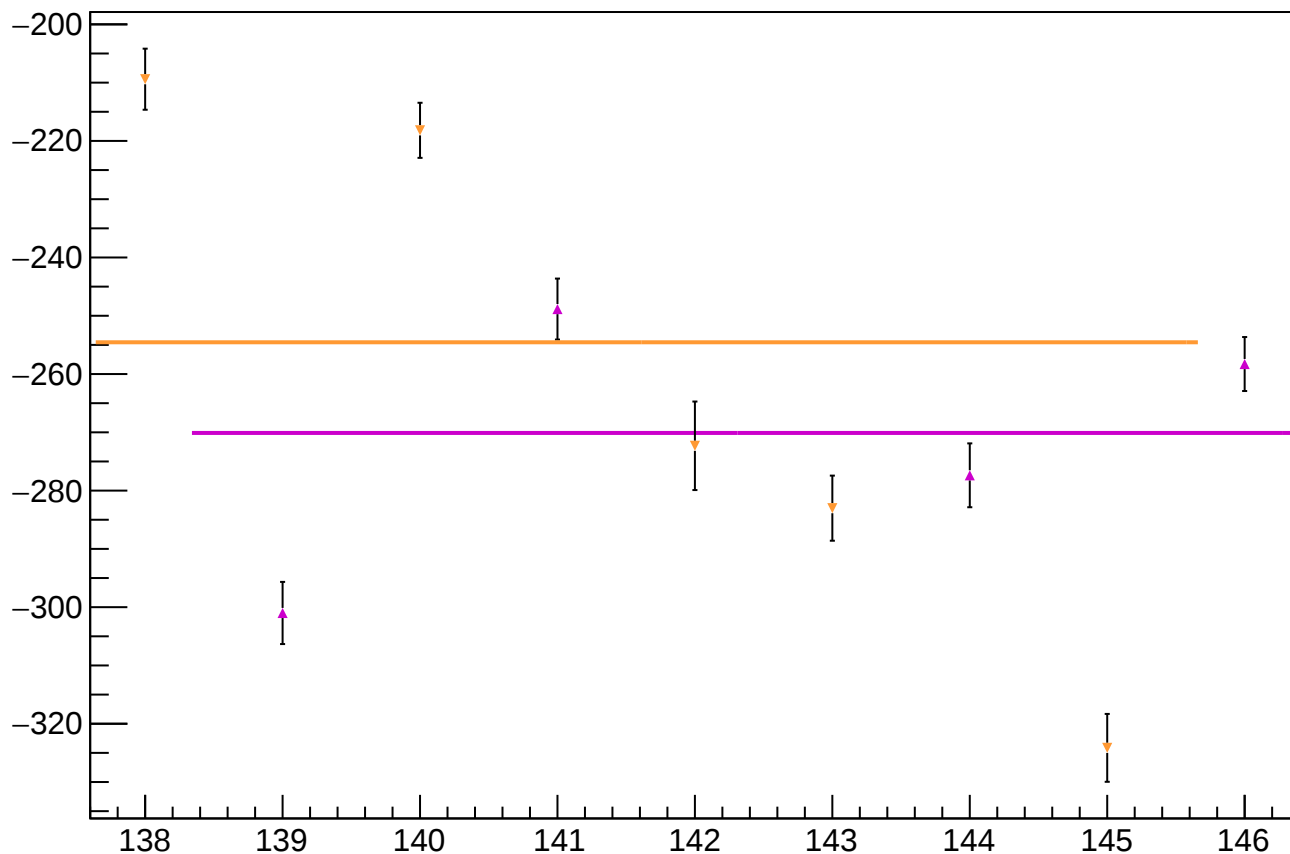
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 117.380 $\pm$ 0.058 χ^2 /NDF:404531.5/20

Out: 94.236 $\pm$ 0.053 χ^2 /NDF:857406.6/22

All: 104.829 $\pm$ 0.039 χ^2 /NDF: 1347788.8/43

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: -254.550+/-2.499 χ^2/NDF :307.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.105+/-2.568 χ^2/NDF :58.3/3

Left: -262.116+/-1.791 χ^2/NDF : 384.9/8

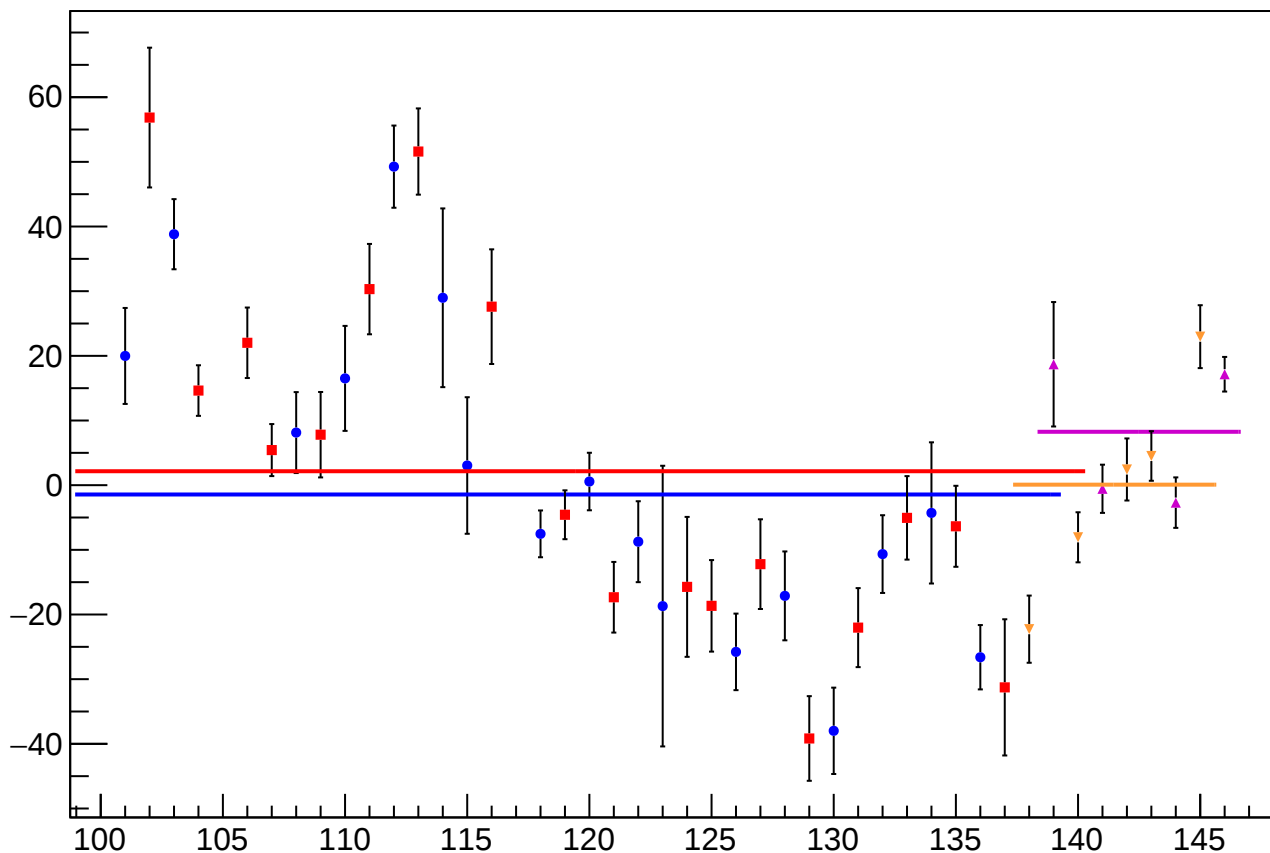
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.105+/-2.568 χ^2/NDF :58.3/3

Out: -254.550+/-2.499 χ^2/NDF :307.7/4

All: -262.116+/-1.791 χ^2/NDF : 384.9/8

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 0.080 ± 1.971 $\chi^2/\text{NDF}: 46.6/4$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 8.257 ± 1.864 $\chi^2/\text{NDF}: 25.7/3$

Left: 4.396 ± 1.354 $\chi^2/\text{NDF}: 81.4/8$

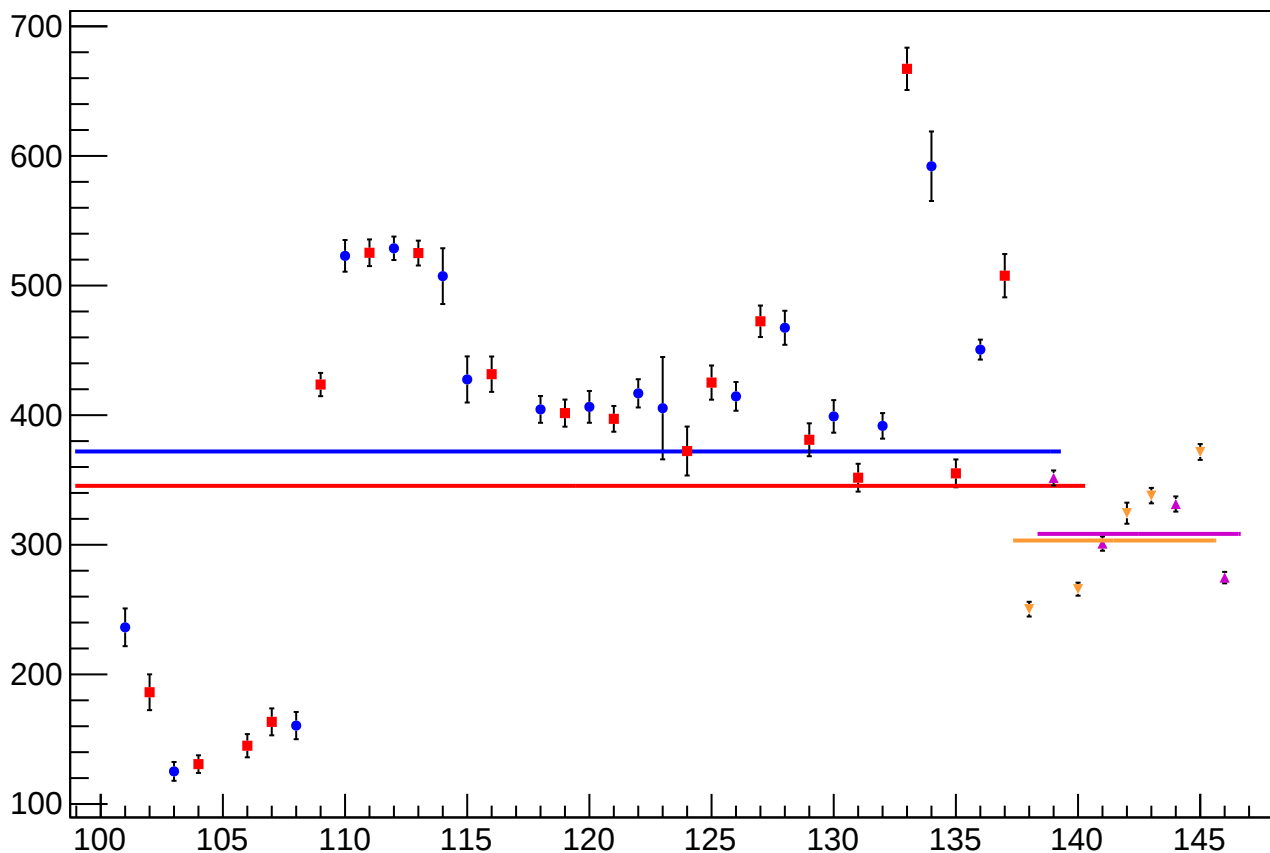
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 2.421 ± 1.176 $\chi^2/\text{NDF}: 266.4/20$

Out: 1.459 ± 1.142 $\chi^2/\text{NDF}: 277.6/22$

All: 1.926 ± 0.819 $\chi^2/\text{NDF}: 544.3/43$

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: 303.305 $\pm$ 2.667 χ^2/NDF :308.3/4

Right Out: 345.473 $\pm$ 2.564 χ^2/NDF : 3401.6/17

Left In: 308.409 $\pm$ 2.648 χ^2/NDF :131.3/3

Left: 305.875 $\pm$ 1.879 χ^2/NDF : 441.4/8

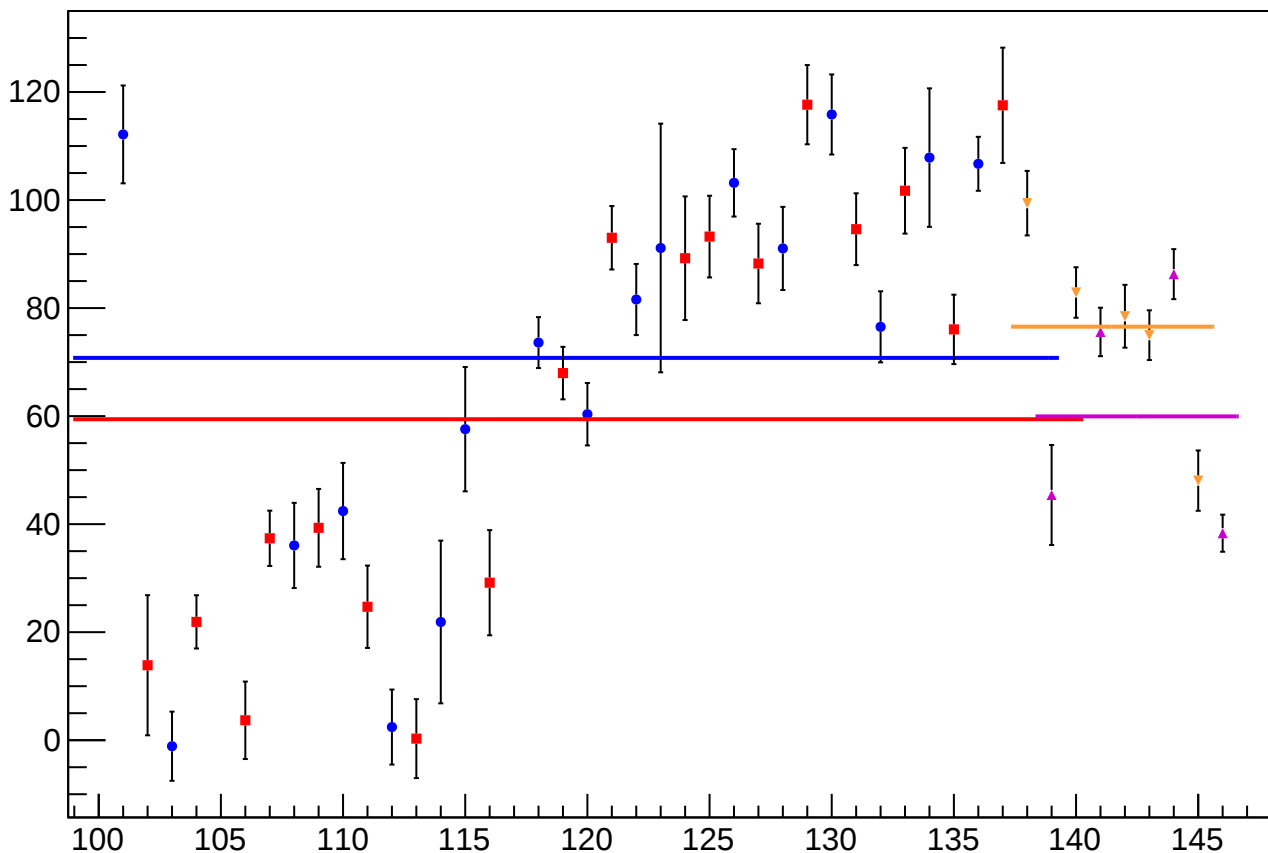
Right: 357.739 $\pm$ 1.880 χ^2/NDF : 5882.3/34

In: 338.838 $\pm$ 1.912 χ^2/NDF :2838.4/20

Out: 325.213 $\pm$ 1.848 χ^2/NDF :3839.8/22

All: 331.793 $\pm$ 1.329 χ^2/NDF : 6704.5/43

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: 76.557 $\pm$ 2.340 χ^2 /NDF: 42.7/4

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 59.946 $\pm$ 2.277 χ^2 /NDF: 86.7/3

Left: 68.024 $\pm$ 1.632 χ^2 /NDF: 155.3/8

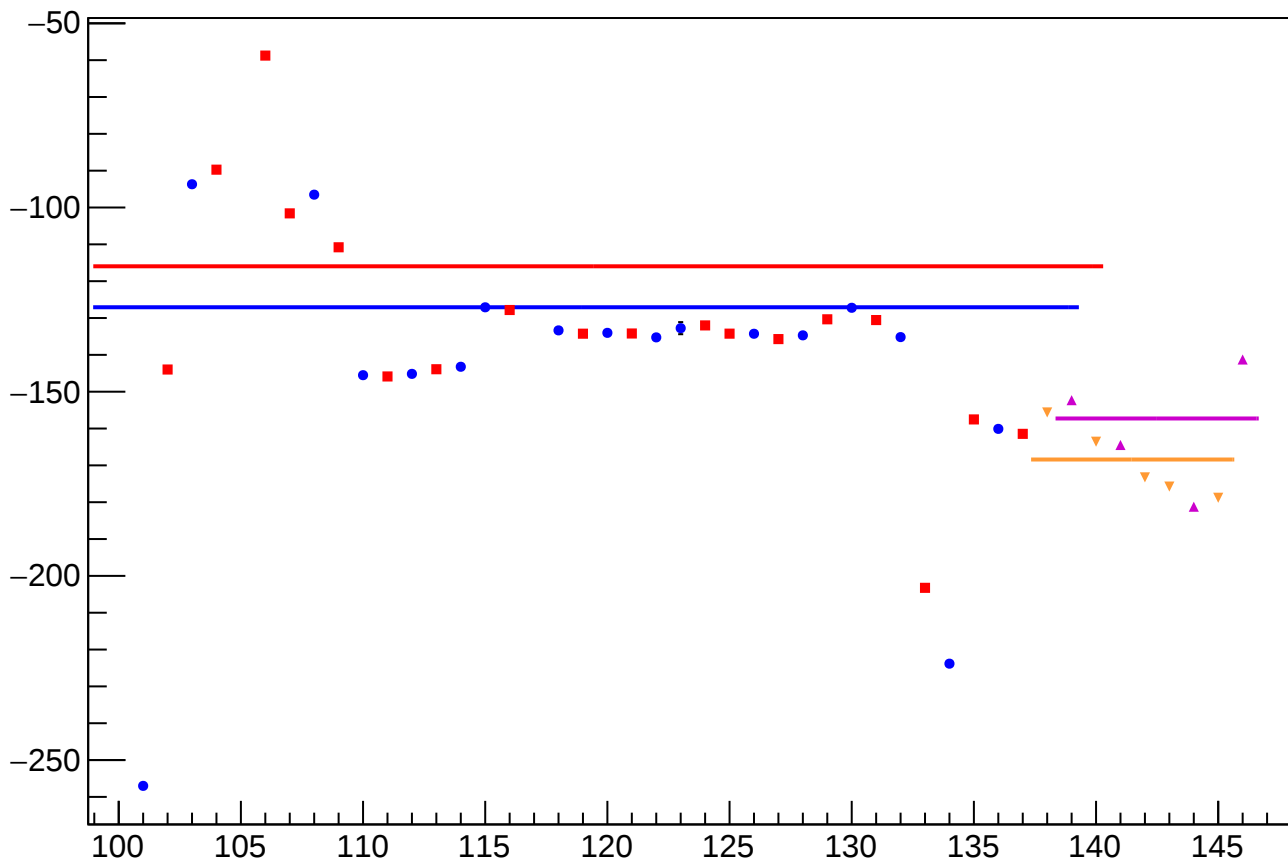
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 66.767 $\pm$ 1.386 χ^2 /NDF: 524.9/20

Out: 65.028 $\pm$ 1.339 χ^2 /NDF: 565.4/22

All: 65.868 $\pm$ 0.963 χ^2 /NDF: 1091.1/43

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -168.410 ± 0.109 $\chi^2/\text{NDF}: 6700.3/4$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -157.273 ± 0.110 $\chi^2/\text{NDF}: 16524.3/3$

Left: -162.875 ± 0.077 $\chi^2/\text{NDF}: 28411.8/8$

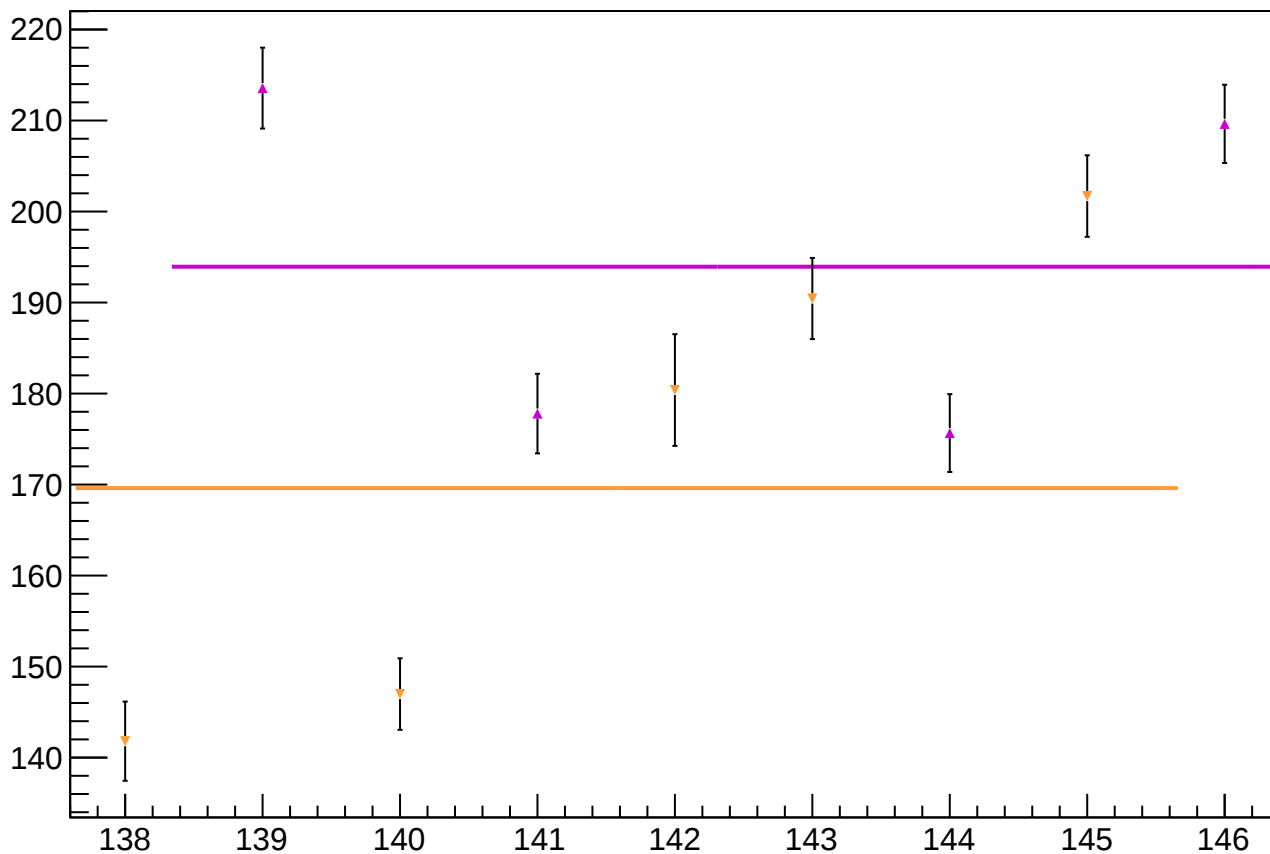
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -139.151 ± 0.069 $\chi^2/\text{NDF}: 229044.6/20$

Out: -135.211 ± 0.066 $\chi^2/\text{NDF}: 312206.0/22$

All: -137.085 ± 0.048 $\chi^2/\text{NDF}: 542942.6/43$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 169.611 $\pm$ 2.024 χ^2 /NDF:150.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 193.937 $\pm$ 2.173 χ^2 /NDF:64.7/3

Left: 180.910 $\pm$ 1.481 χ^2 /NDF: 282.1/8

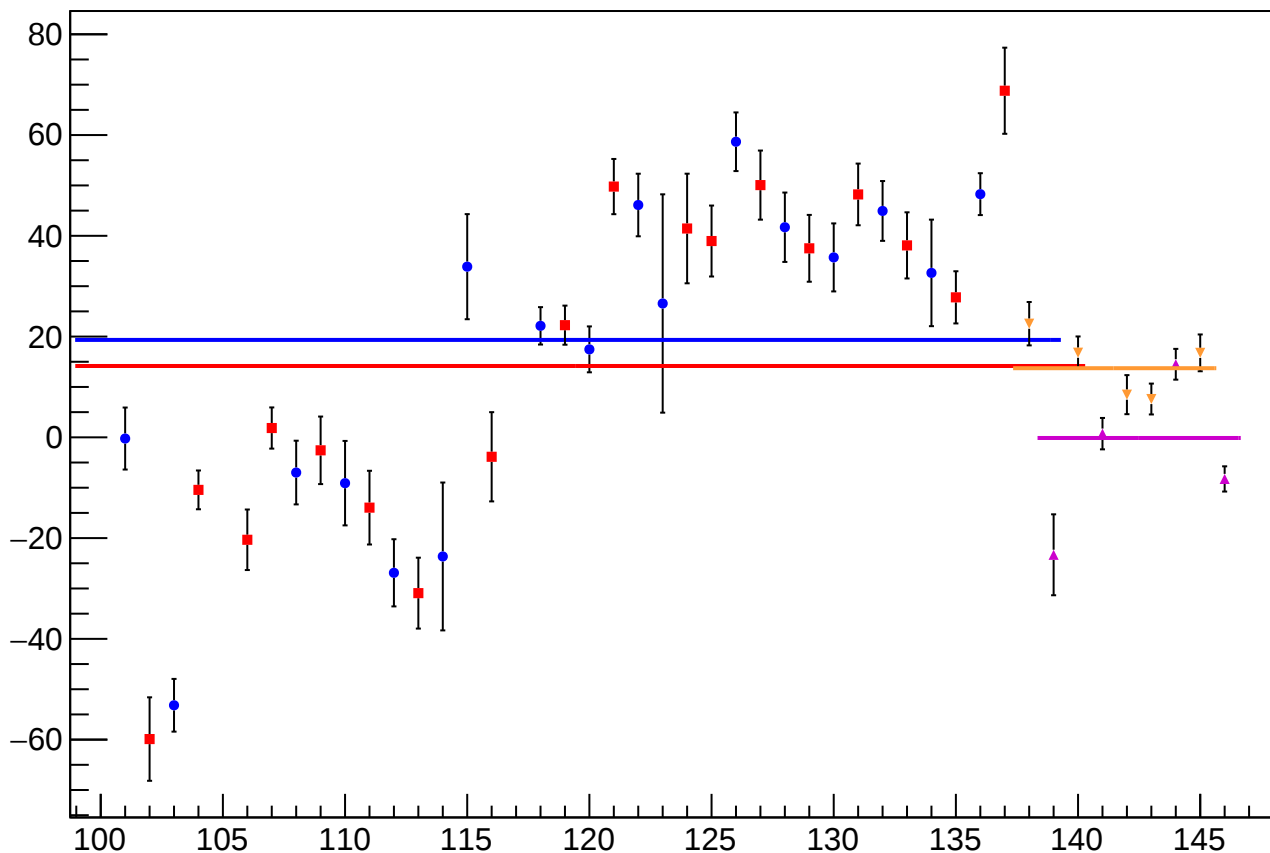
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 193.937 $\pm$ 2.173 χ^2 /NDF:64.7/3

Out: 169.611 $\pm$ 2.024 χ^2 /NDF:150.2/4

All: 180.910 $\pm$ 1.481 χ^2 /NDF: 282.1/8

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: 13.722+/-1.584 χ^2/NDF : 11.6/4

Right Out: 14.162+/-1.391 χ^2/NDF : 426.0/17

Left In: -0.128+/-1.612 χ^2/NDF : 41.9/3

Left: 6.914+/-1.130 χ^2/NDF : 91.1/8

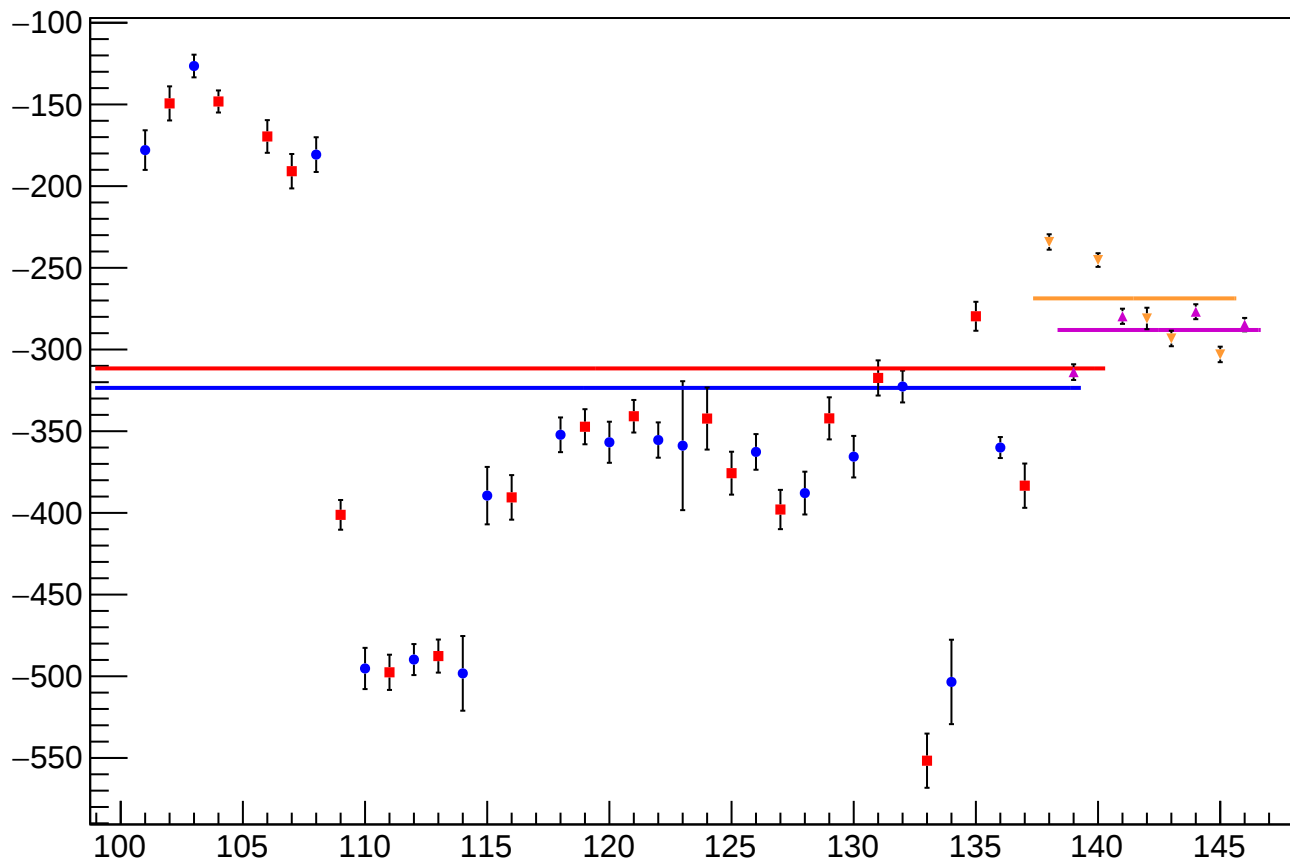
Right: 16.585+/-1.014 χ^2/NDF : 872.4/34

In: 10.416+/-1.091 χ^2/NDF : 560.8/20

Out: 13.970+/-1.045 χ^2/NDF : 437.7/22

All: 12.269+/-0.755 χ^2/NDF : 1004.0/43

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: -268.704 ± 2.163 $\chi^2/\text{NDF}: 167.3/4$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -288.041 ± 2.255 $\chi^2/\text{NDF}: 38.6/3$

Left: -277.967 ± 1.561 $\chi^2/\text{NDF}: 244.3/8$

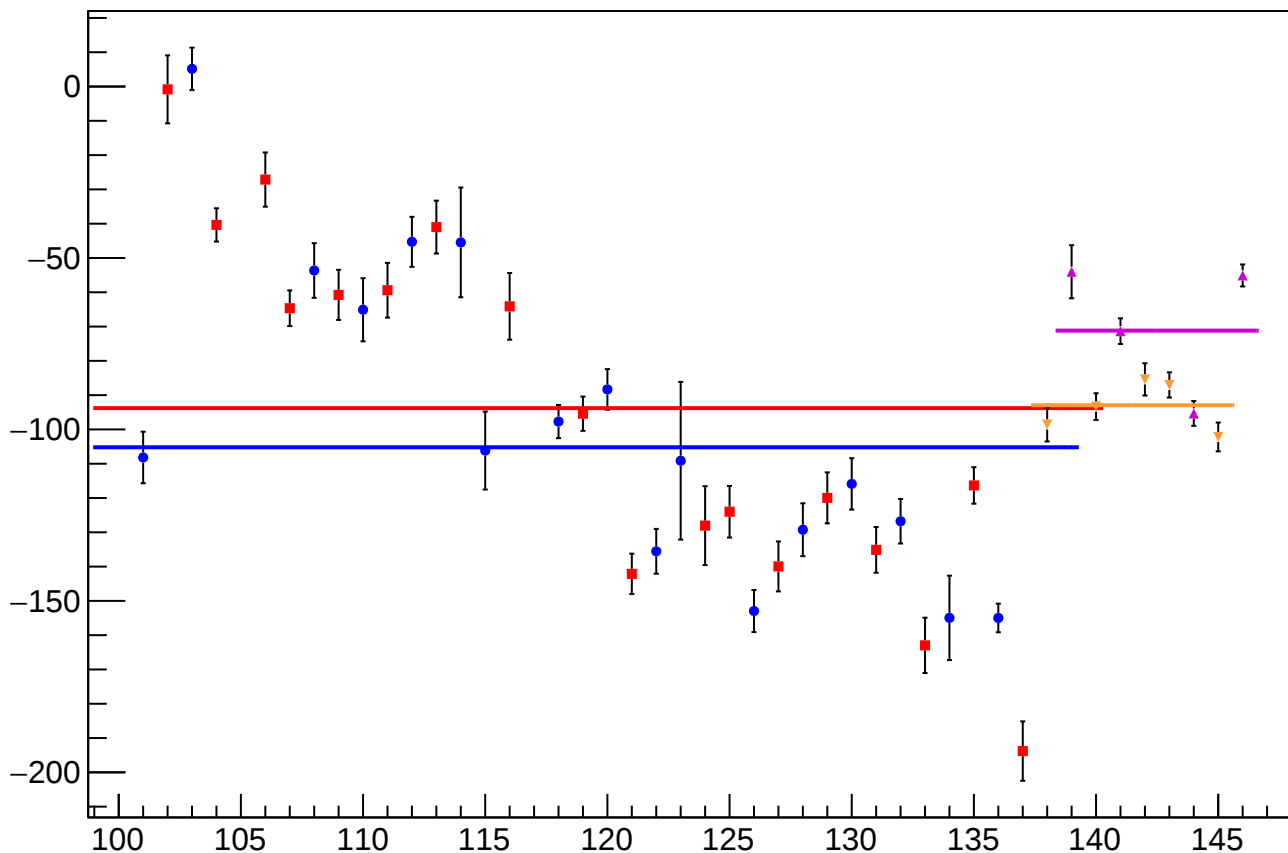
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -302.787 ± 1.724 $\chi^2/\text{NDF}: 1989.0/20$

Out: -286.829 ± 1.643 $\chi^2/\text{NDF}: 2577.3/22$

All: -294.426 ± 1.189 $\chi^2/\text{NDF}: 4611.1/43$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -92.944 ± 1.881 χ^2/NDF : 11.3/4

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -71.180 ± 1.955 χ^2/NDF : 74.7/3

Left: -82.485 ± 1.355 χ^2/NDF : 150.4/8

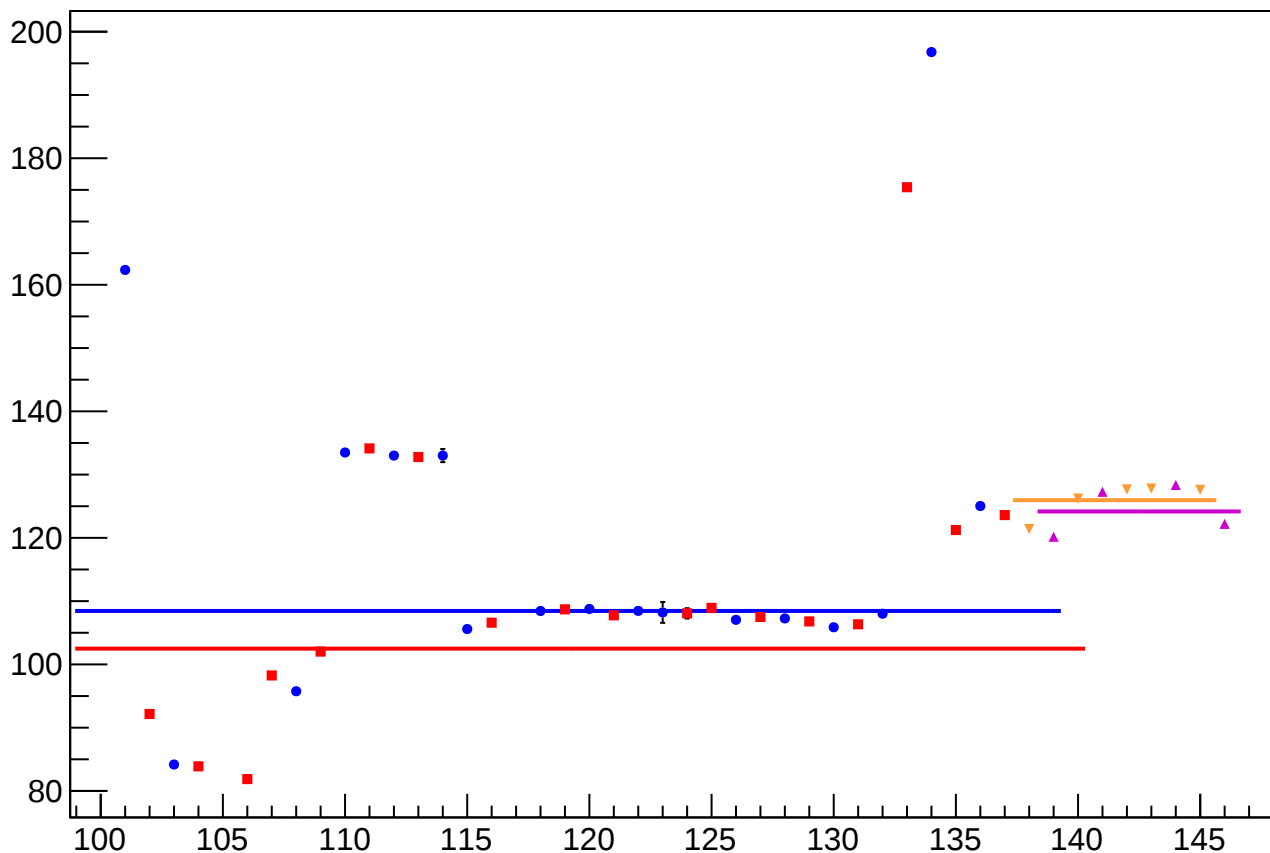
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -90.589 ± 1.282 χ^2/NDF : 983.1/20

Out: -93.434 ± 1.224 χ^2/NDF : 826.8/22

All: -92.077 ± 0.885 χ^2/NDF : 1812.5/43

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: 125.956 $\pm$ 0.088 χ^2 /NDF: 804.0/4

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 124.174 $\pm$ 0.093 χ^2 /NDF: 1373.4/3

Left: 125.112 $\pm$ 0.064 χ^2 /NDF: 2371.0/8

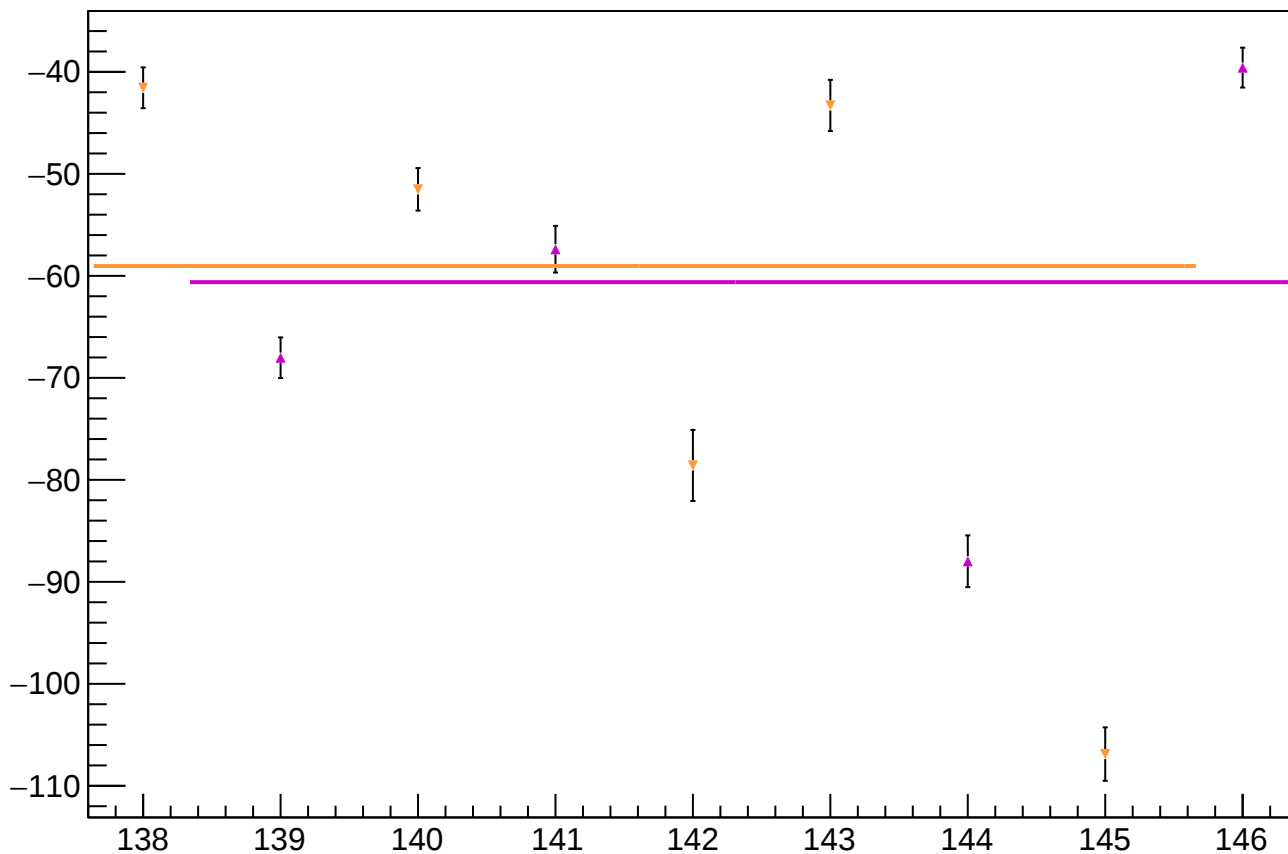
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 115.592 $\pm$ 0.063 χ^2 /NDF: 90264.4/20

Out: 113.026 $\pm$ 0.059 χ^2 /NDF: 92731.2/22

All: 114.234 $\pm$ 0.043 χ^2 /NDF: 183884.0/43

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.033+/-1.075 χ^2/NDF :493.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -60.618+/-1.078 χ^2/NDF :248.2/3

Left: -59.823+/-0.761 χ^2/NDF : 743.1/8

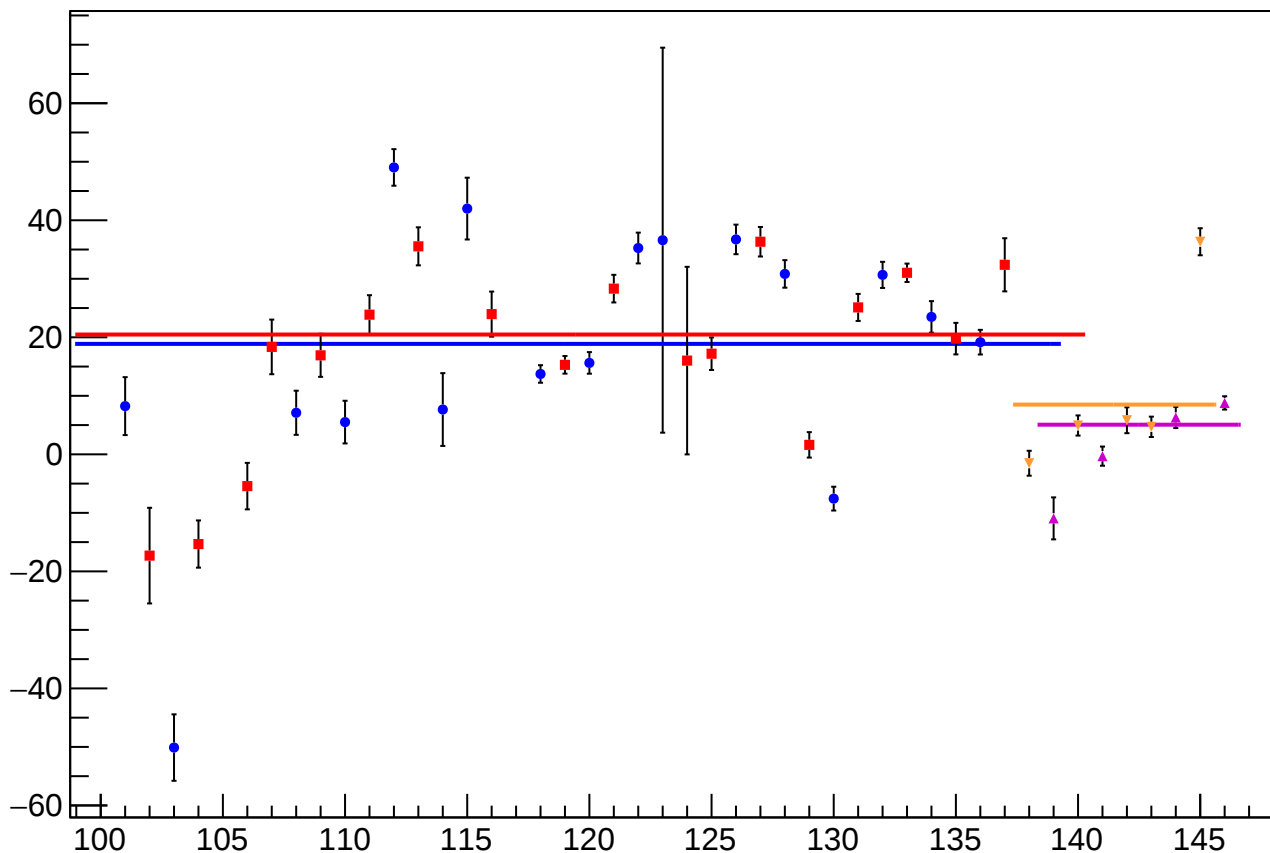
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.618+/-1.078 χ^2/NDF :248.2/3

Out: -59.033+/-1.075 χ^2/NDF :493.9/4

All: -59.823+/-0.761 χ^2/NDF : 743.1/8

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2 /NDF: 620.5/16

Left Out: 8.500+/-0.884 χ^2 /NDF:177.7/4

Right Out: 20.474+/-0.644 χ^2 /NDF: 362.4/17

Left In: 5.066+/-0.809 χ^2 /NDF:41.8/3

Left: 6.631+/-0.597 χ^2 /NDF: 227.8/8

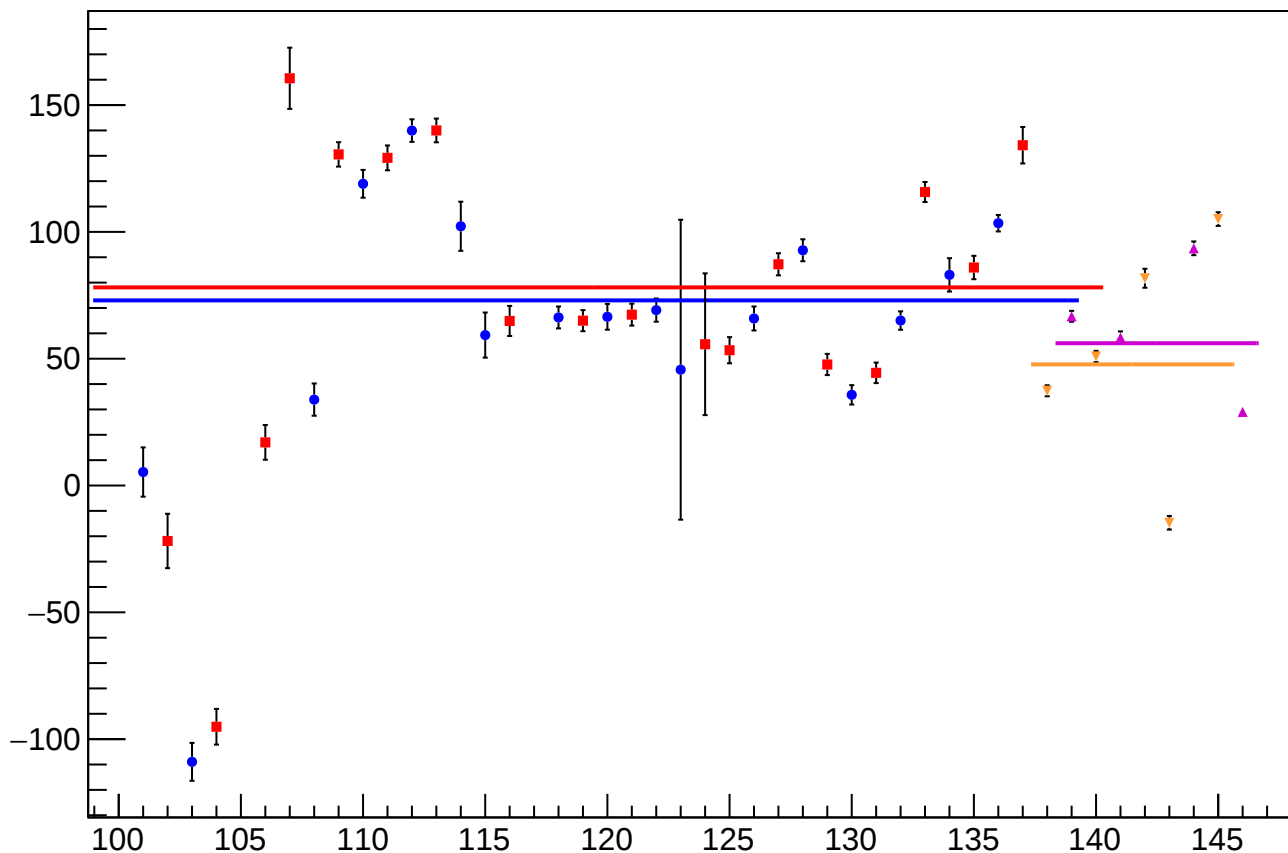
Right: 19.676+/-0.455 χ^2 /NDF: 986.0/34

In: 13.515+/-0.504 χ^2 /NDF:840.6/20

Out: 16.327+/-0.520 χ^2 /NDF:660.0/22

All: 14.876+/-0.362 χ^2 /NDF: 1515.7/43

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: 47.755 $\pm$ 1.145 χ^2 /NDF:1100.5/4

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 56.110 $\pm$ 1.113 χ^2 /NDF:425.5/3

Left: 52.050 $\pm$ 0.798 χ^2 /NDF: 1553.3/8

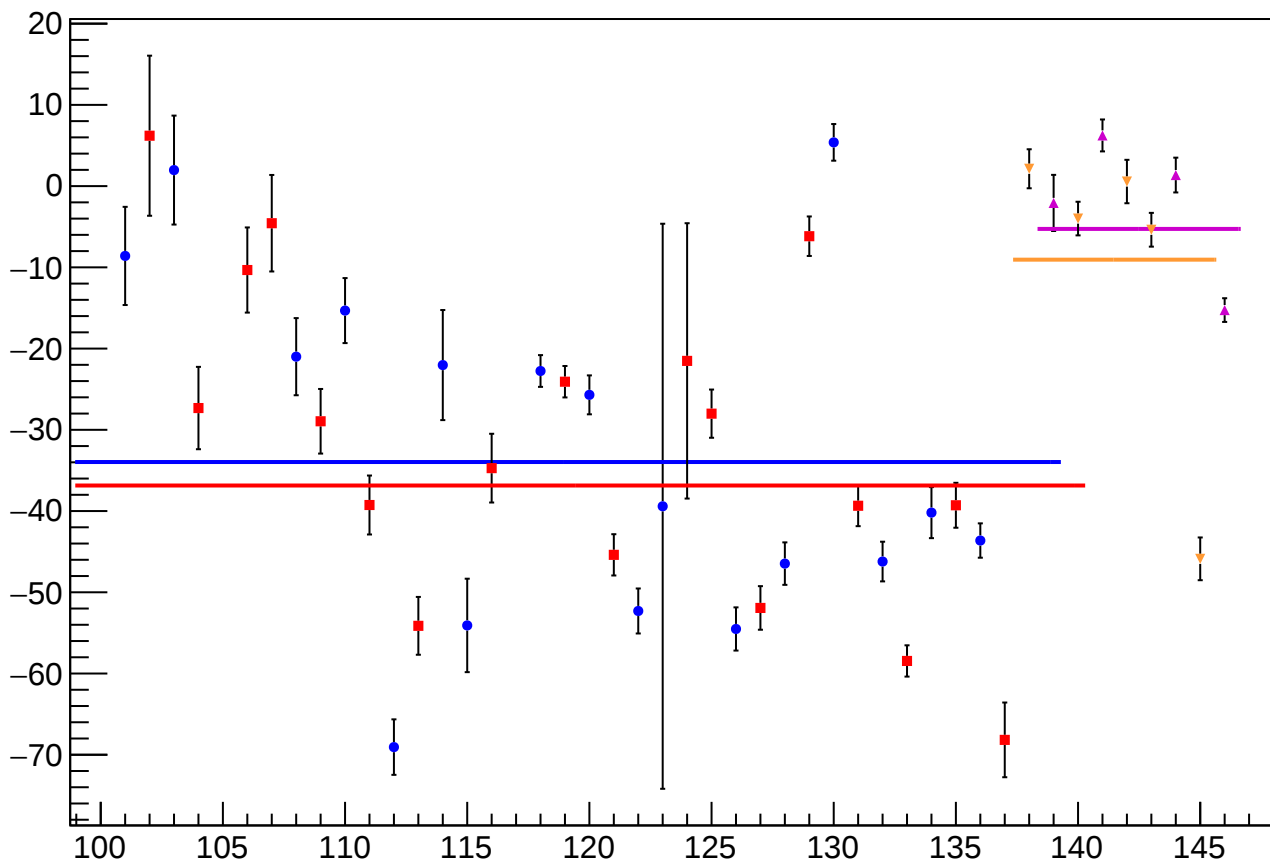
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 63.712 $\pm$ 0.825 χ^2 /NDF:1734.5/20

Out: 61.929 $\pm$ 0.836 χ^2 /NDF:2975.4/22

All: 62.832 $\pm$ 0.587 χ^2 /NDF: 4712.2/43

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: -9.054 ± 1.041 χ^2/NDF : 239.7/4

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -5.269 ± 0.985 χ^2/NDF : 91.6/3

Left: -7.057 ± 0.716 χ^2/NDF : 338.3/8

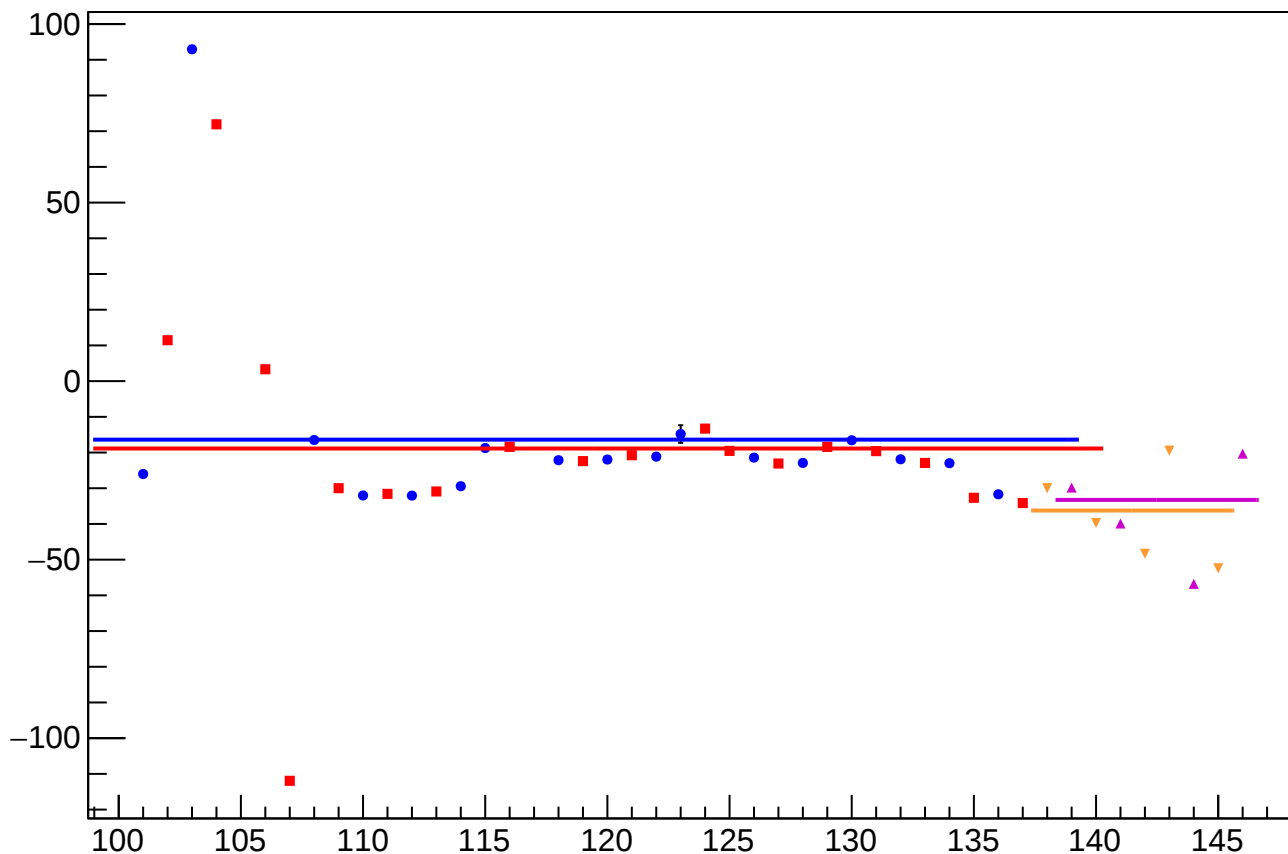
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -23.657 ± 0.590 χ^2/NDF : 1357.2/20

Out: -27.575 ± 0.601 χ^2/NDF : 1250.2/22

All: -25.580 ± 0.421 χ^2/NDF : 2629.0/43

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: -36.238 ± 0.046 $\chi^2/\text{NDF}: 60425.4/4$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -33.265 ± 0.045 $\chi^2/\text{NDF}: 68355.9/3$

Left: -34.722 ± 0.032 $\chi^2/\text{NDF}: 130876.0/8$

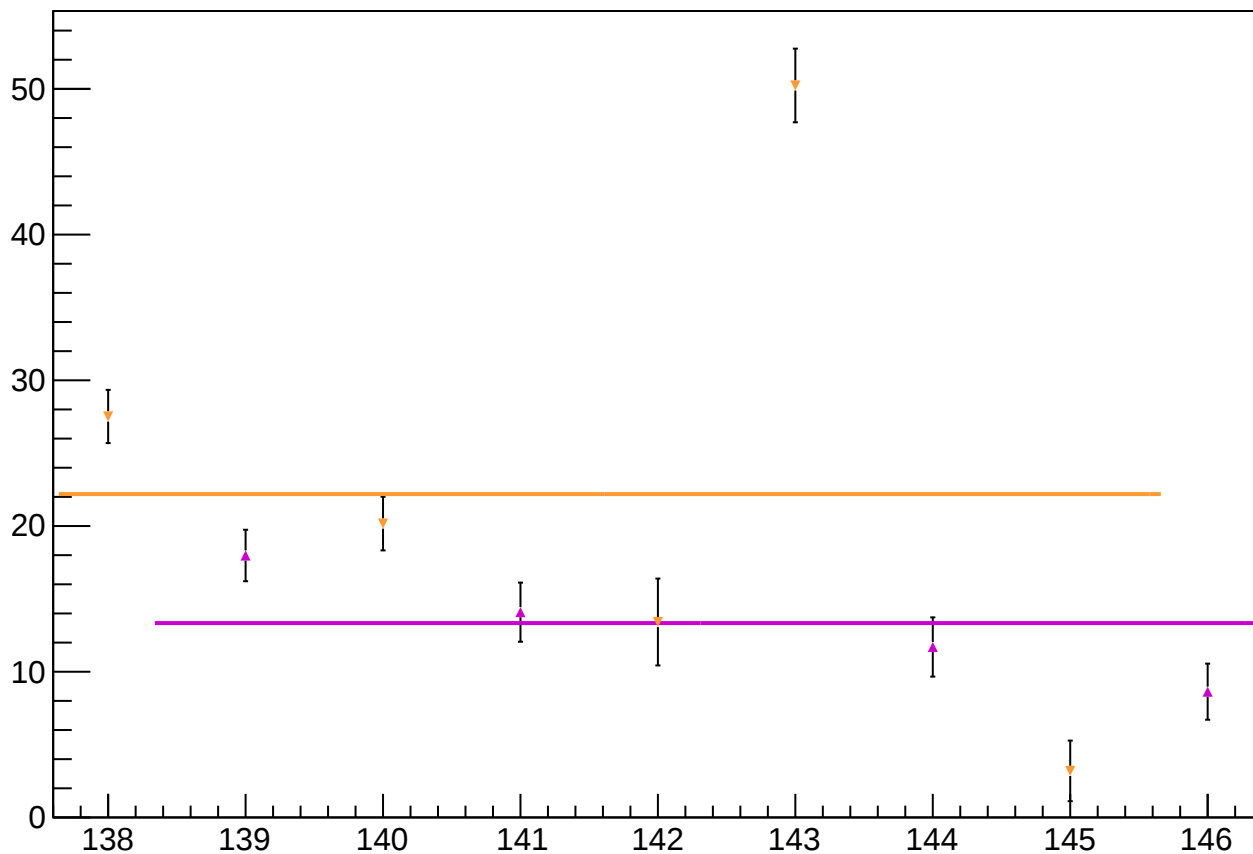
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -24.635 ± 0.032 $\chi^2/\text{NDF}: 613071.1/20$

Out: -27.349 ± 0.032 $\chi^2/\text{NDF}: 565550.5/22$

All: -25.966 ± 0.023 $\chi^2/\text{NDF}: 1182195.2/43$

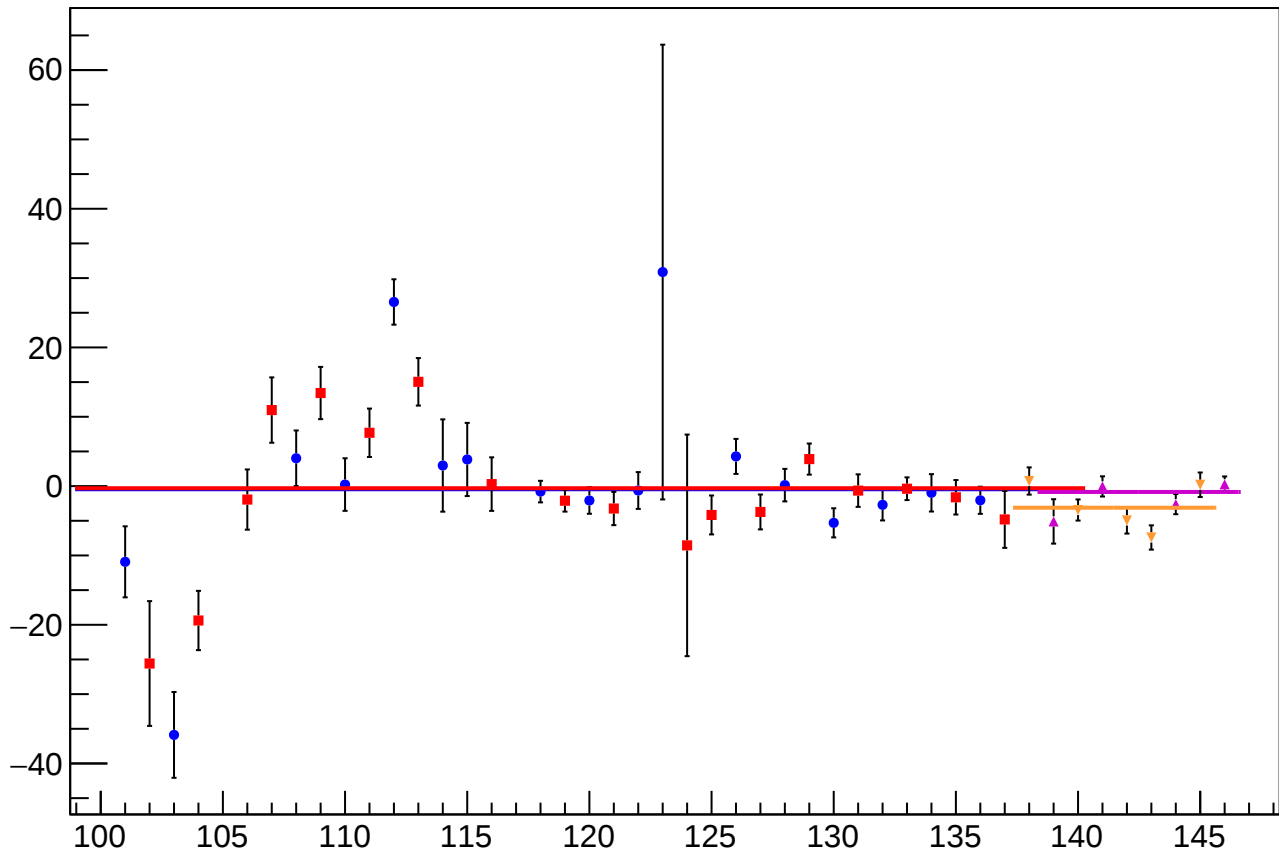
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 22.193 $\pm$ 0.955 χ^2 /NDF:225.0/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3

Left: 17.808 $\pm$ 0.679 χ^2 /NDF: 281.2/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3
 Out: 22.193 $\pm$ 0.955 χ^2 /NDF:225.0/4
 All: 17.808 $\pm$ 0.679 χ^2 /NDF: 281.2/8

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: -3.116 ± 0.787 χ^2/NDF : 14.3/4

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.844 ± 0.741 χ^2/NDF : 4.5/3

Left: -1.911 ± 0.539 χ^2/NDF : 23.2/8

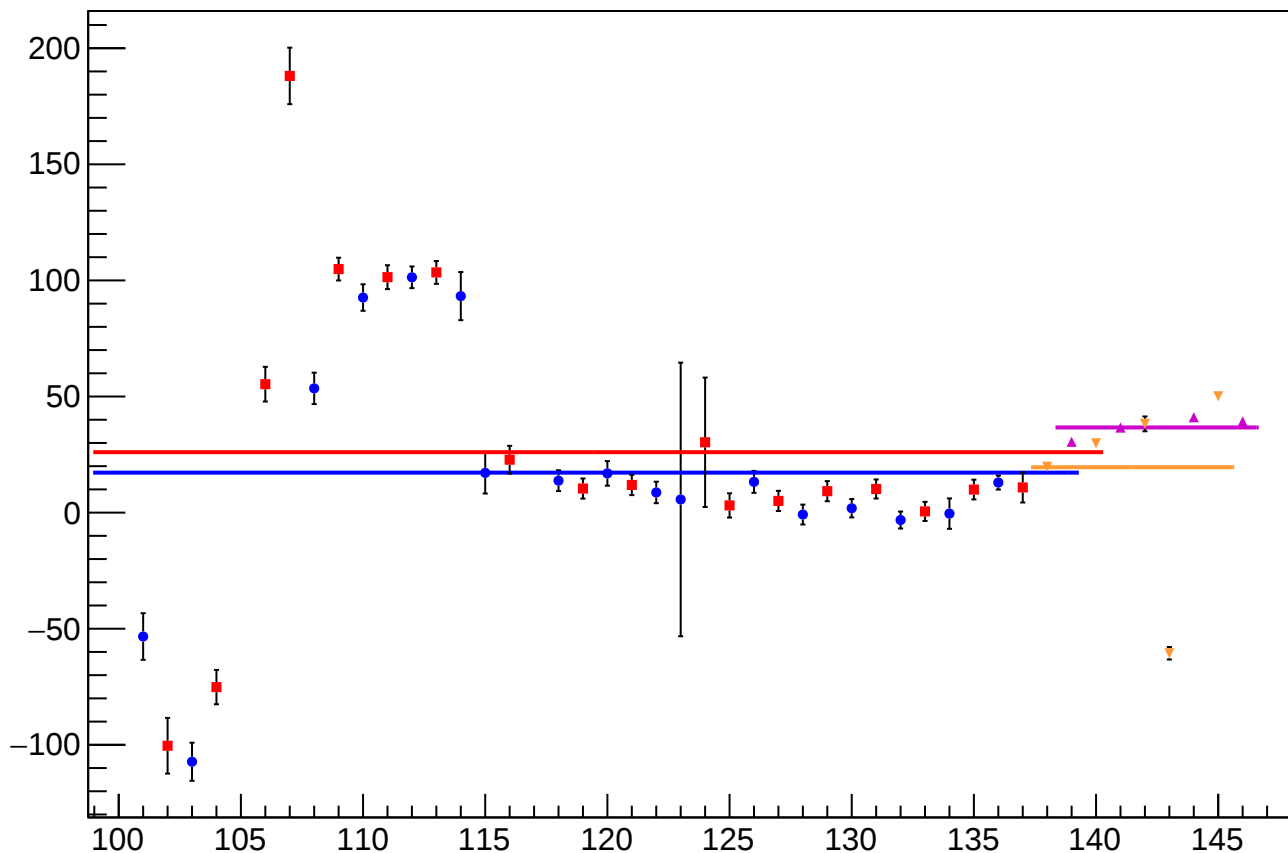
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.624 ± 0.490 χ^2/NDF : 124.2/20

Out: -1.461 ± 0.504 χ^2/NDF : 106.0/22

All: -1.030 ± 0.352 χ^2/NDF : 231.6/43

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: 19.551+/-1.020 χ^2/NDF :1141.6/4

Right Out: 26.032+/-1.244 χ^2/NDF : 1366.0/17

Left In: 36.674+/-1.003 χ^2/NDF :16.5/3

Left: 28.256+/-0.715 χ^2/NDF : 1301.5/8

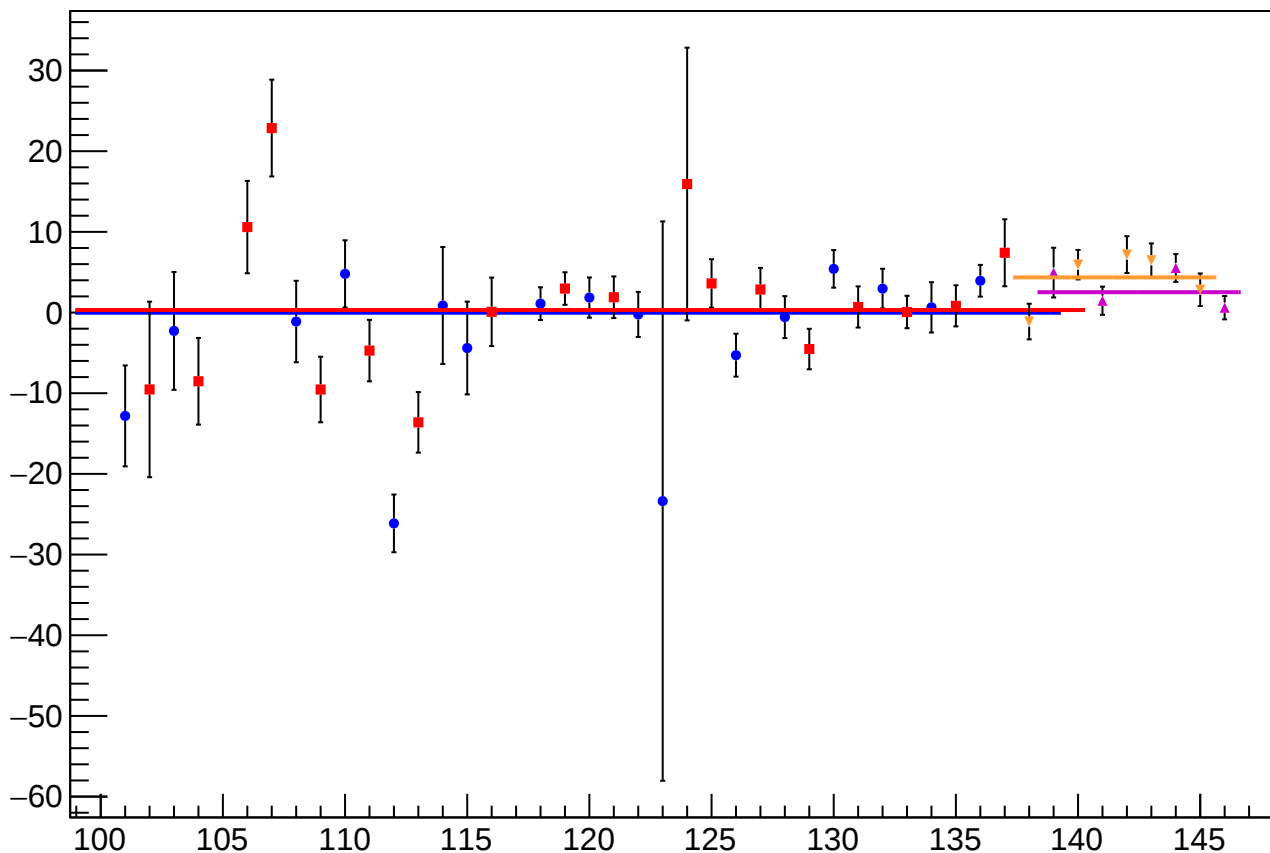
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 28.988+/-0.780 χ^2/NDF :1105.3/20

Out: 22.156+/-0.789 χ^2/NDF :2523.8/22

All: 25.610+/-0.555 χ^2/NDF : 3667.1/43

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: 4.355 ± 0.924 χ^2/NDF : 10.0/4

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.522 ± 0.895 χ^2/NDF : 5.8/3

Left: 3.408 ± 0.643 χ^2/NDF : 17.9/8

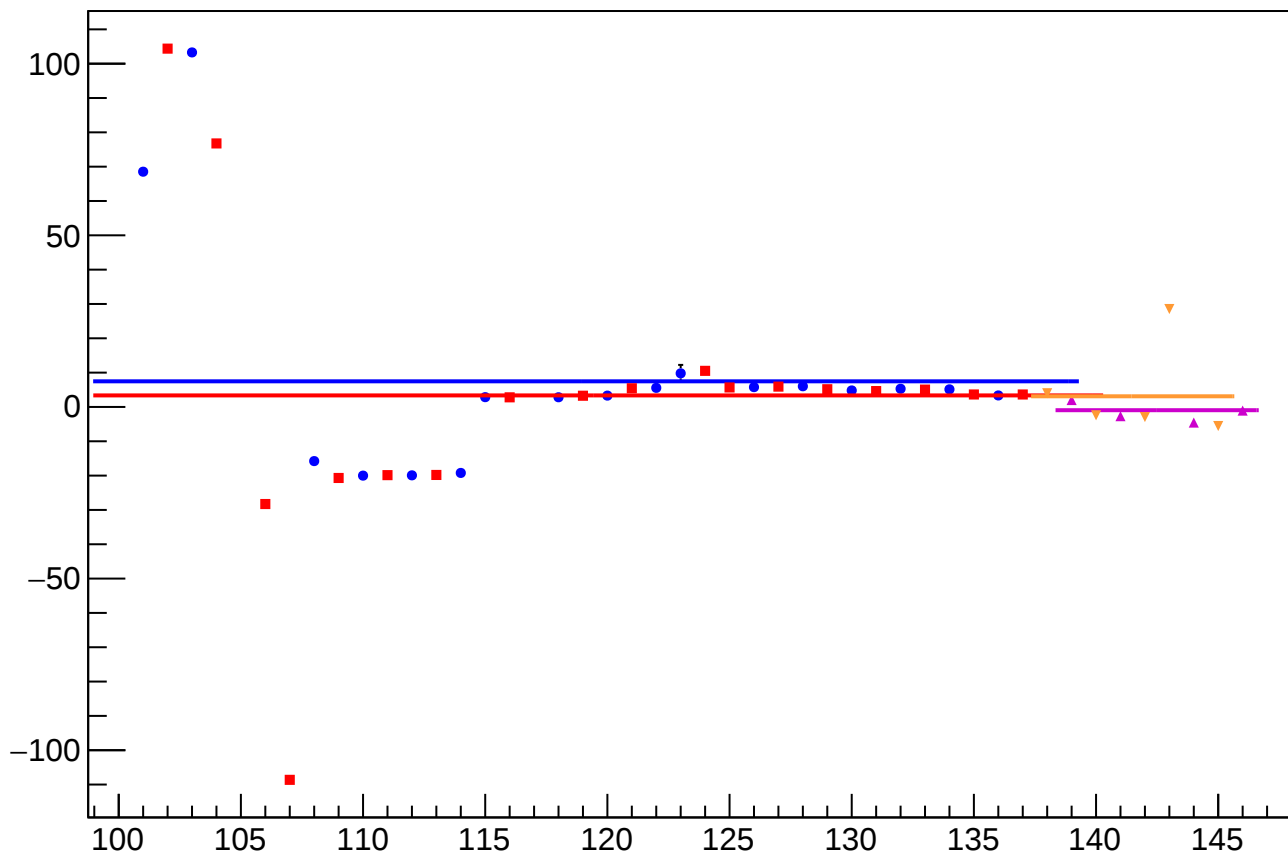
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.020 ± 0.572 χ^2/NDF : 86.4/20

Out: 1.915 ± 0.582 χ^2/NDF : 75.7/22

All: 1.460 ± 0.408 χ^2/NDF : 163.3/43

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: 3.105 $\pm$ 0.041 χ^2 /NDF: 71984.4/4

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -0.947 $\pm$ 0.041 χ^2 /NDF: 3759.1/3

Left: 1.062 $\pm$ 0.029 χ^2 /NDF: 80629.4/8

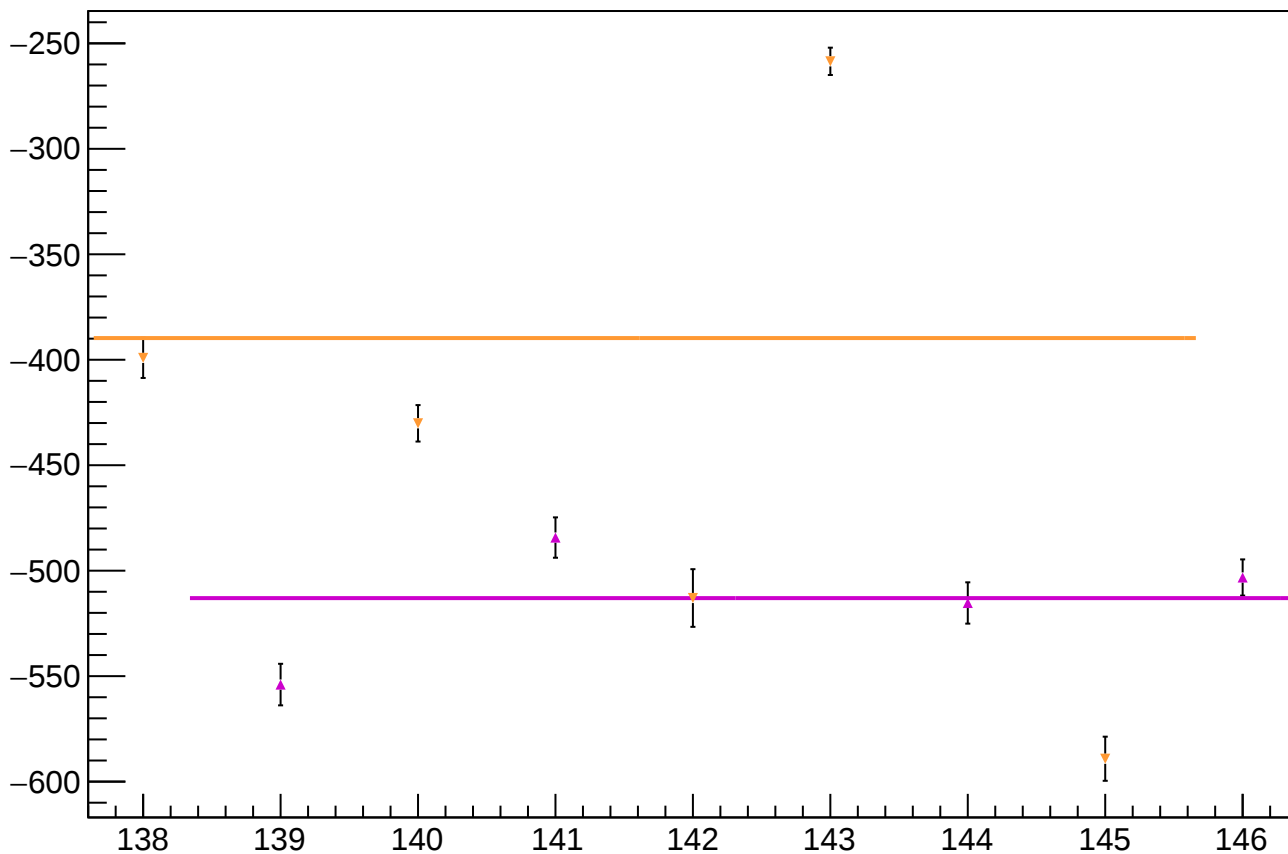
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 2.900 $\pm$ 0.030 χ^2 /NDF: 379080.5/20

Out: 3.220 $\pm$ 0.031 χ^2 /NDF: 576813.2/22

All: 3.058 $\pm$ 0.021 χ^2 /NDF: 955949.7/43

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: -389.721+/-3.991 χ^2/NDF : 878.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -513.007+/-4.700 χ^2/NDF : 27.7/3

Left: -441.374+/-3.042 χ^2/NDF : 1305.4/8

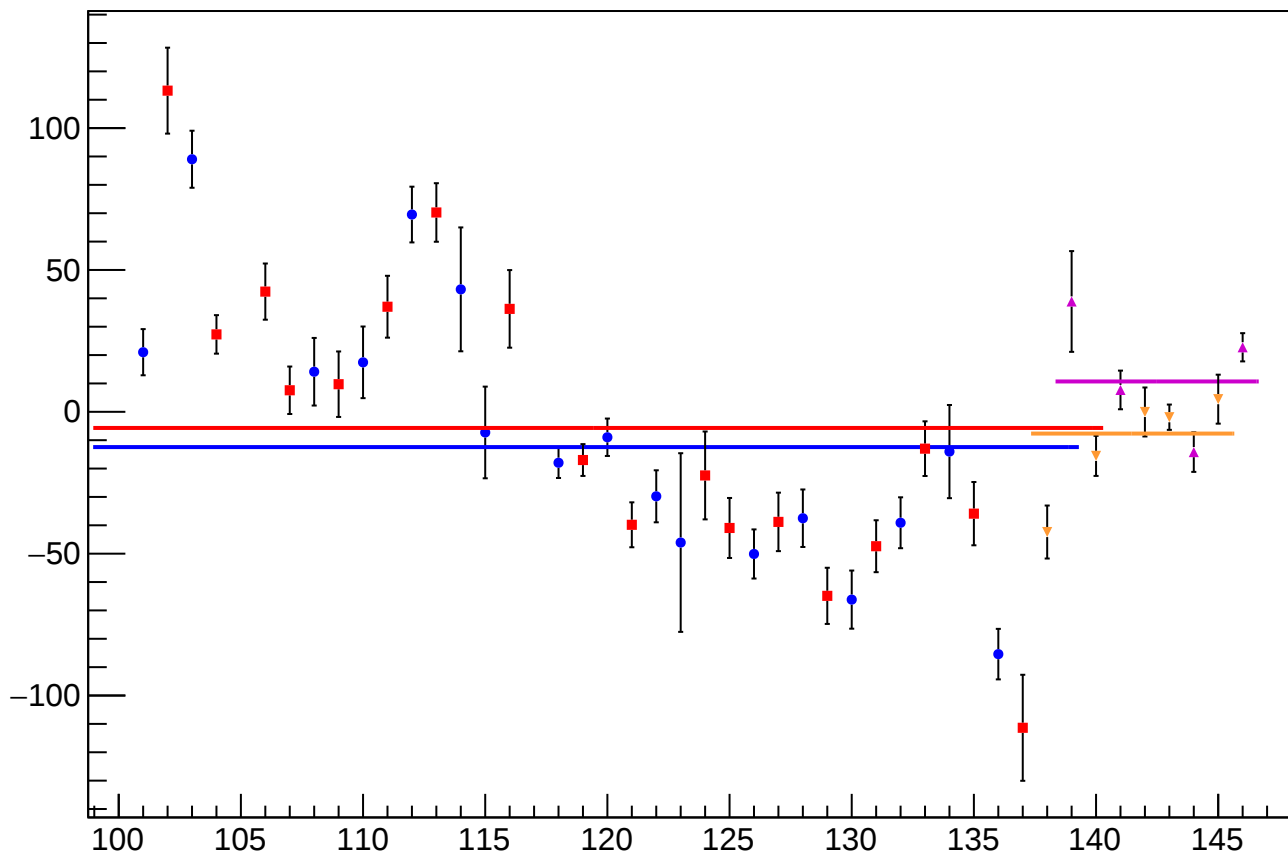
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -513.007+/-4.700 χ^2/NDF : 27.7/3

Out: -389.721+/-3.991 χ^2/NDF : 878.0/4

All: -441.374+/-3.042 χ^2/NDF : 1305.4/8

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: -7.669 $\pm$ 3.034 χ^2/NDF :19.5/4

Right Out: -5.686 $\pm$ 2.263 χ^2/NDF : 333.7/17

Left In: 10.700 $\pm$ 3.416 χ^2/NDF :21.3/3

Left: 0.430 $\pm$ 2.269 χ^2/NDF : 57.0/8

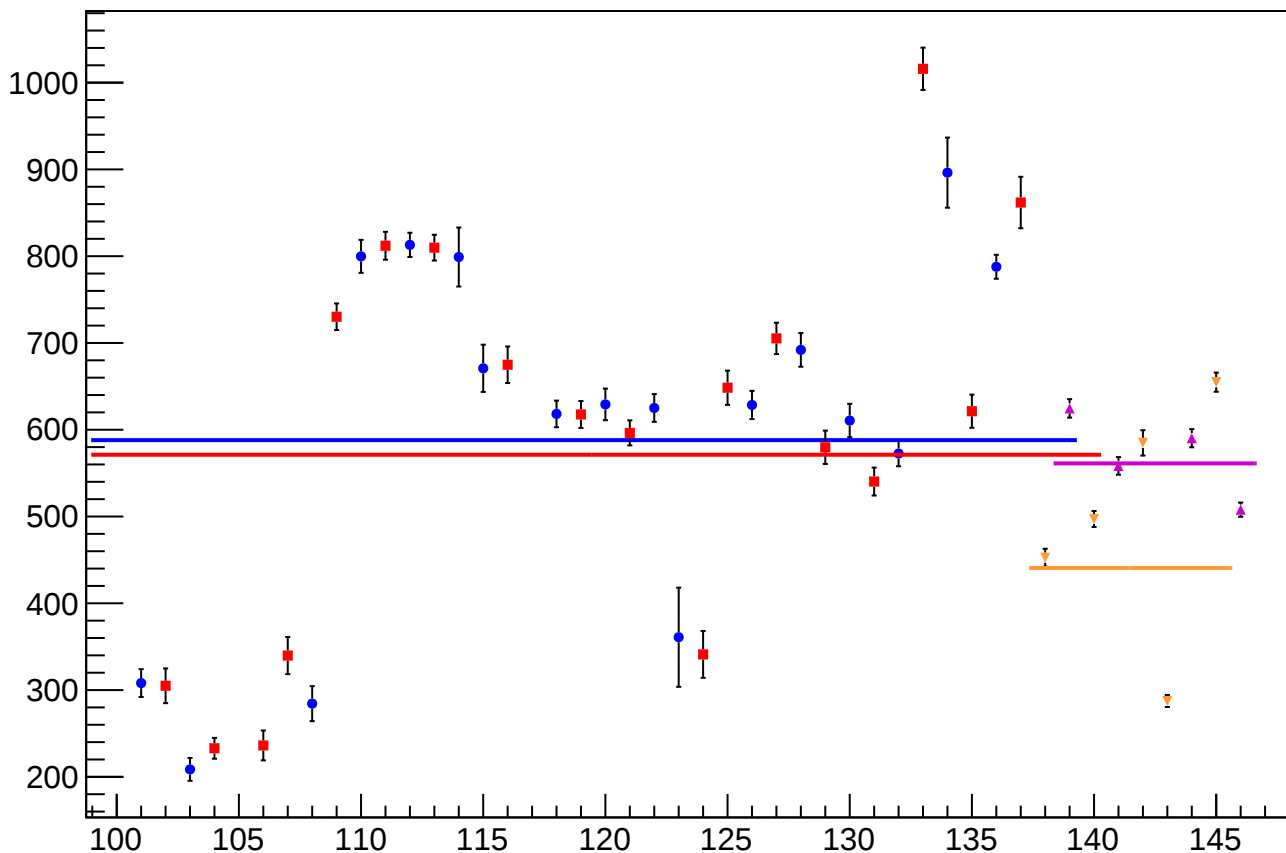
Right: -8.982 $\pm$ 1.618 χ^2/NDF : 678.2/34

In: -5.152 $\pm$ 1.916 χ^2/NDF :393.0/20

Out: -6.395 $\pm$ 1.814 χ^2/NDF :353.4/22

All: -5.808 $\pm$ 1.317 χ^2/NDF : 746.6/43

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: 440.720 $\pm$ 4.261 χ^2 /NDF:1005.7/4

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 561.194 $\pm$ 4.852 χ^2 /NDF:85.5/3

Left: 493.175 $\pm$ 3.202 χ^2 /NDF: 1439.3/8

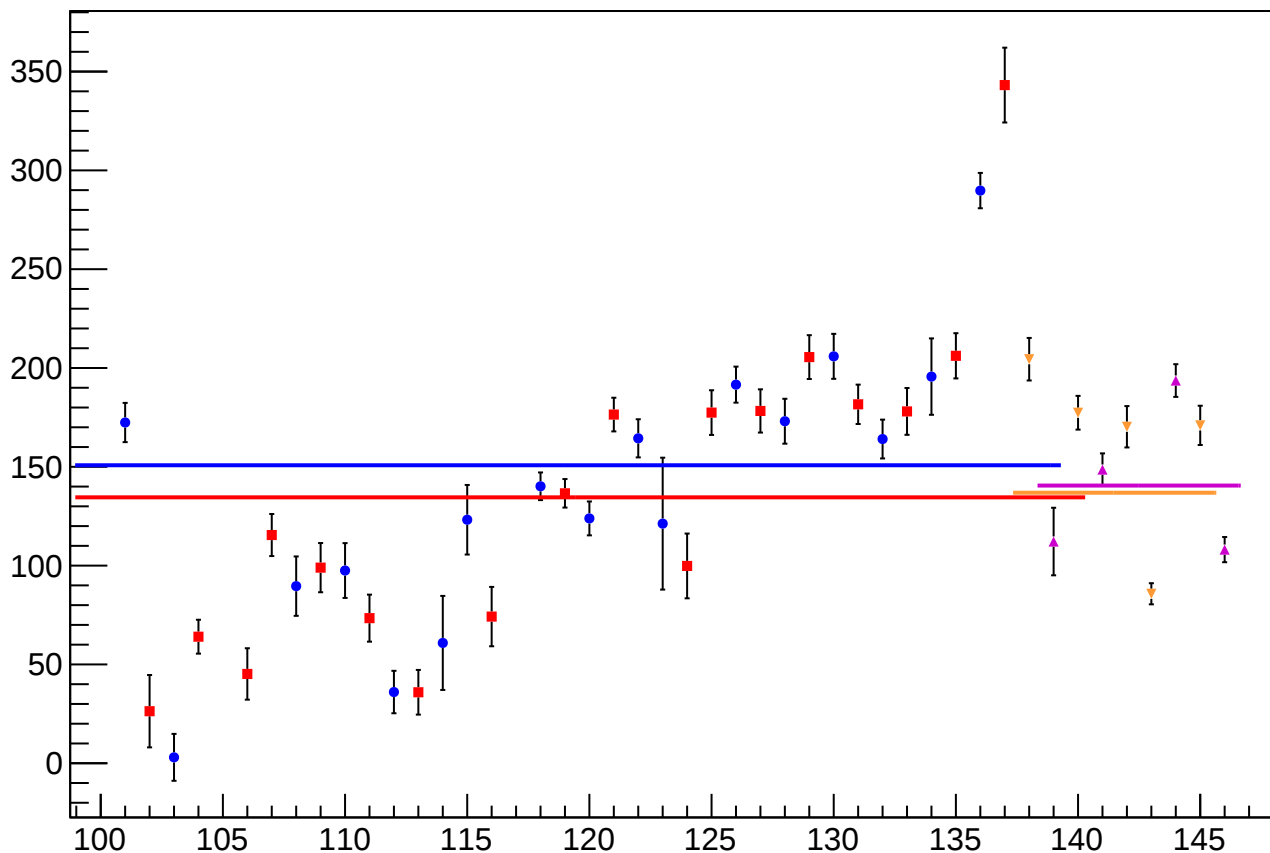
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 576.138 $\pm$ 3.230 χ^2 /NDF:2230.3/20

Out: 507.668 $\pm$ 2.973 χ^2 /NDF:4167.2/22

All: 539.072 $\pm$ 2.188 χ^2 /NDF: 6640.8/43

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 136.889 $\pm$ 3.613 χ^2 /NDF:175.3/4

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 140.515 $\pm$ 4.170 χ^2 /NDF:70.9/3

Left: 138.444 $\pm$ 2.731 χ^2 /NDF: 246.5/8

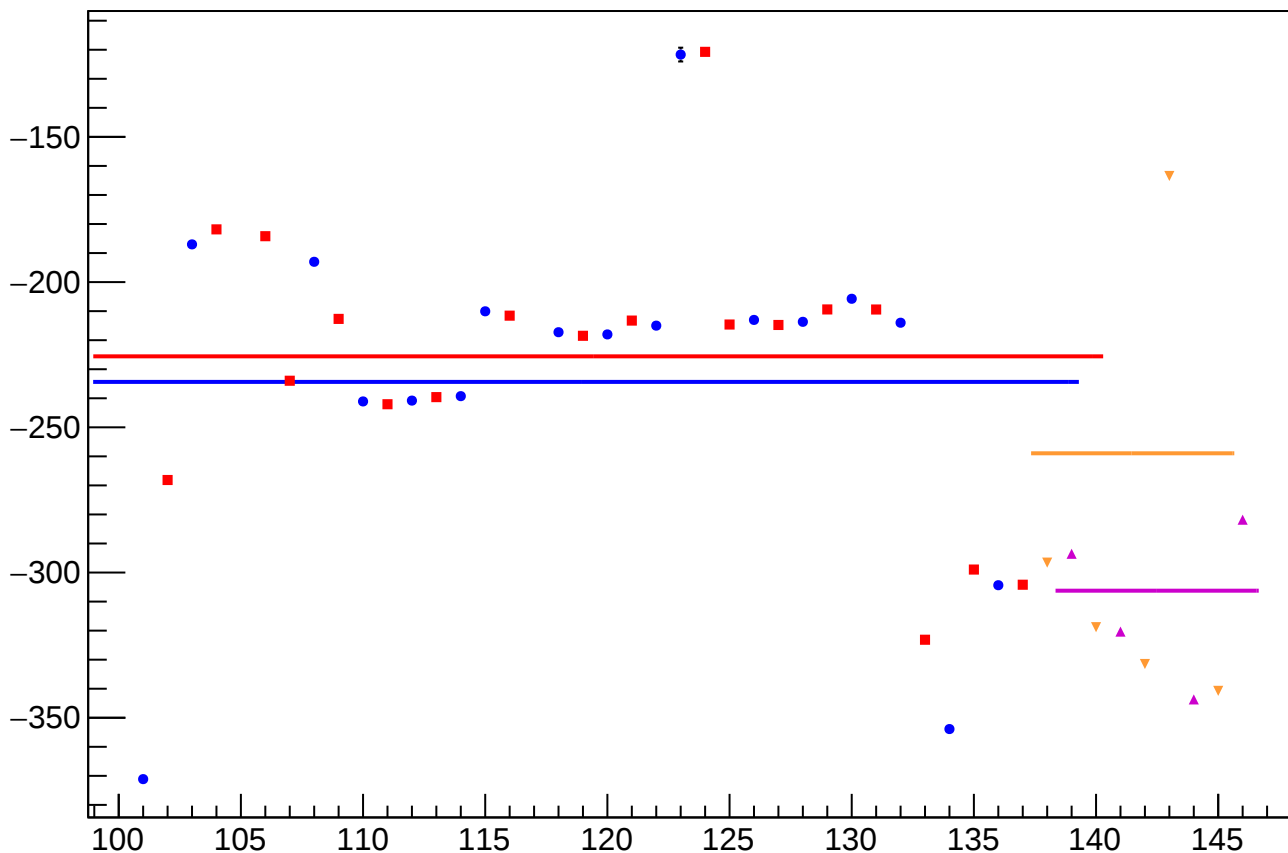
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 147.784 $\pm$ 2.254 χ^2 /NDF:708.3/20

Out: 135.355 $\pm$ 2.121 χ^2 /NDF:751.8/22

All: 141.190 $\pm$ 1.545 χ^2 /NDF: 1476.2/43

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: -258.944+/-0.174 χ^2/NDF : 198961.1/4

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -306.248+/-0.201 χ^2/NDF : 13177.6/3

Left: -279.134+/-0.131 χ^2/NDF : 243853.5/8

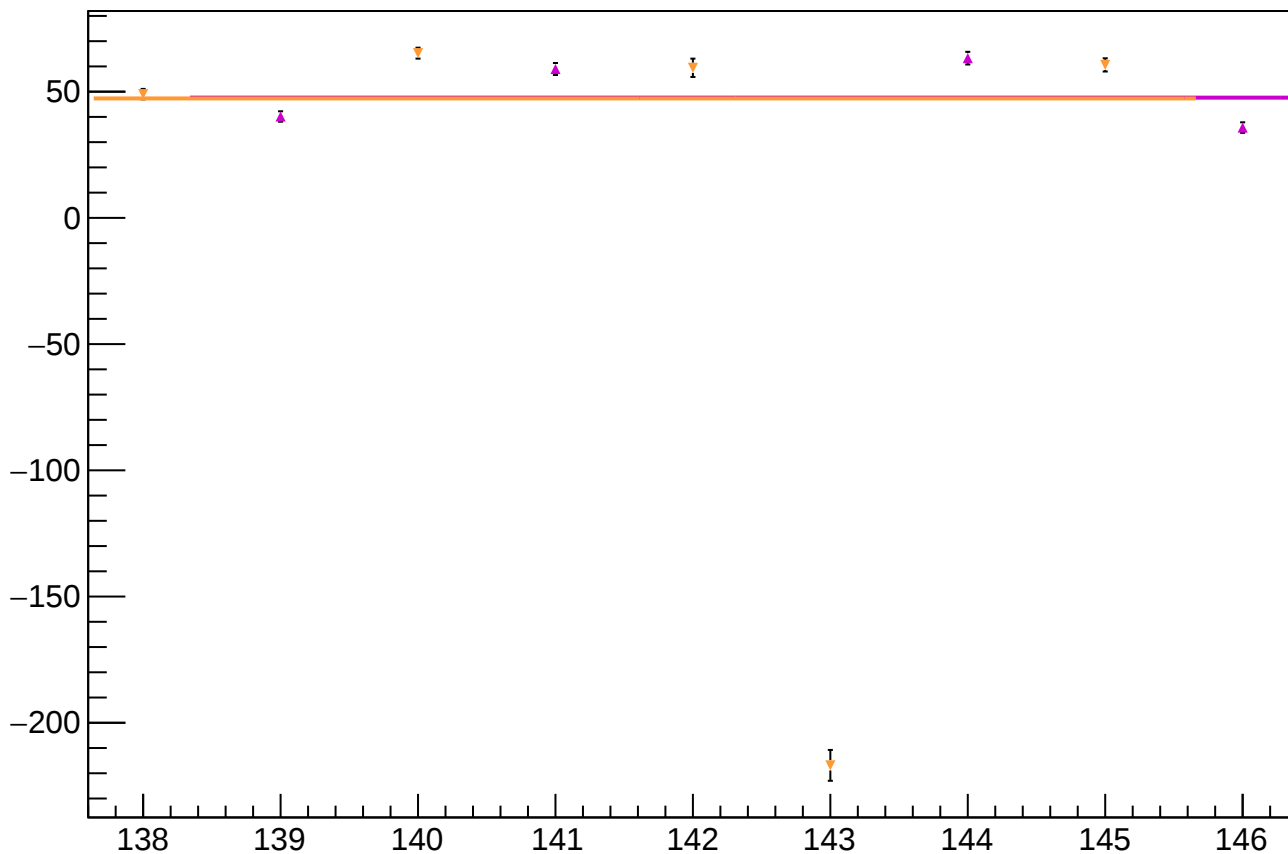
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -259.723+/-0.119 χ^2/NDF : 241039.5/20

Out: -238.940+/-0.110 χ^2/NDF : 314088.8/22

All: -248.464+/-0.081 χ^2/NDF : 571526.6/43

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 47.319+/-1.200 χ^2/NDF :1974.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.630+/-1.119 χ^2/NDF :106.9/3

Left: 47.486+/-0.818 χ^2/NDF : 2081.5/8

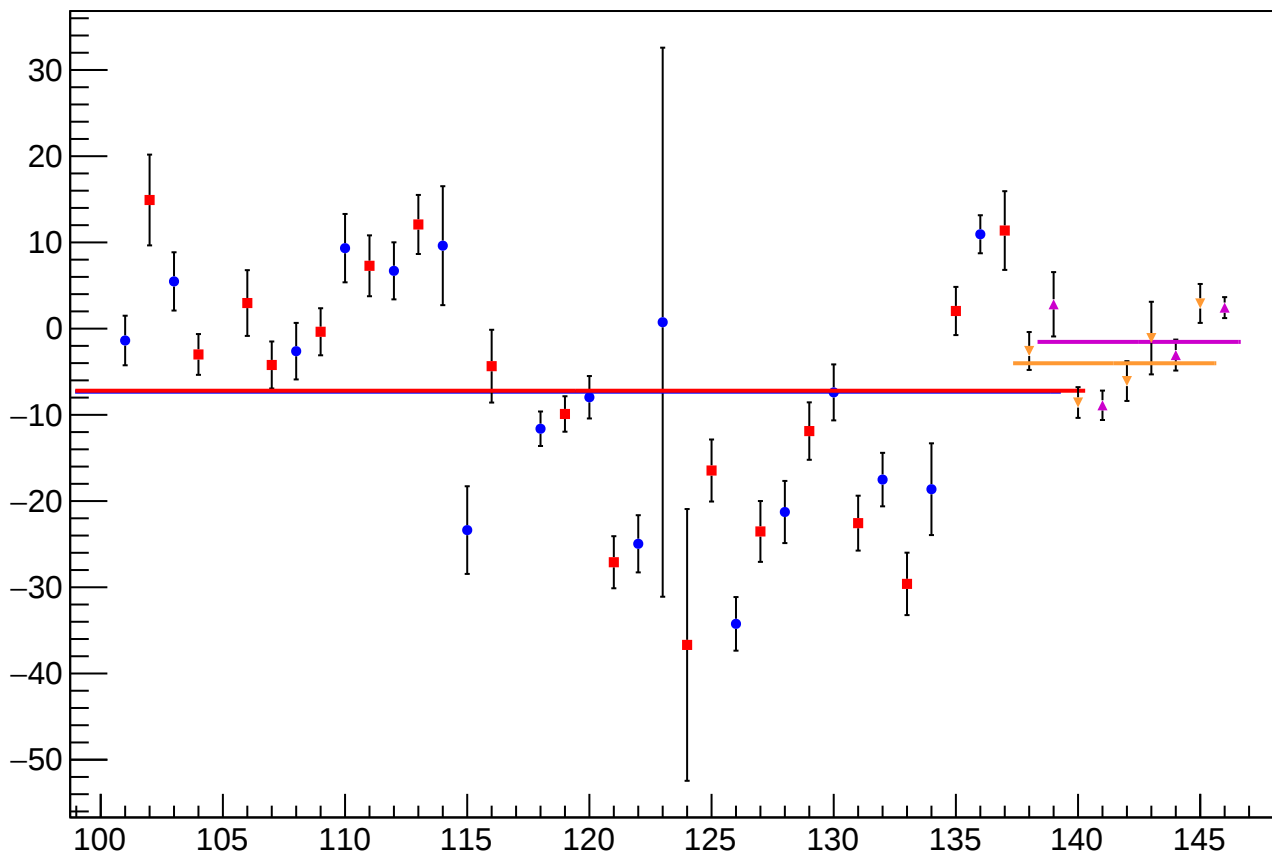
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.630+/-1.119 χ^2/NDF :106.9/3

Out: 47.319+/-1.200 χ^2/NDF :1974.5/4

All: 47.486+/-0.818 χ^2/NDF : 2081.5/8

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: -4.016+/-1.020 χ^2/NDF : 17.7/4

Right Out: -7.202+/-0.762 χ^2/NDF : 252.1/17

Left In: -1.538+/-0.844 χ^2/NDF : 31.4/3

Left: -2.546+/-0.650 χ^2/NDF : 52.6/8

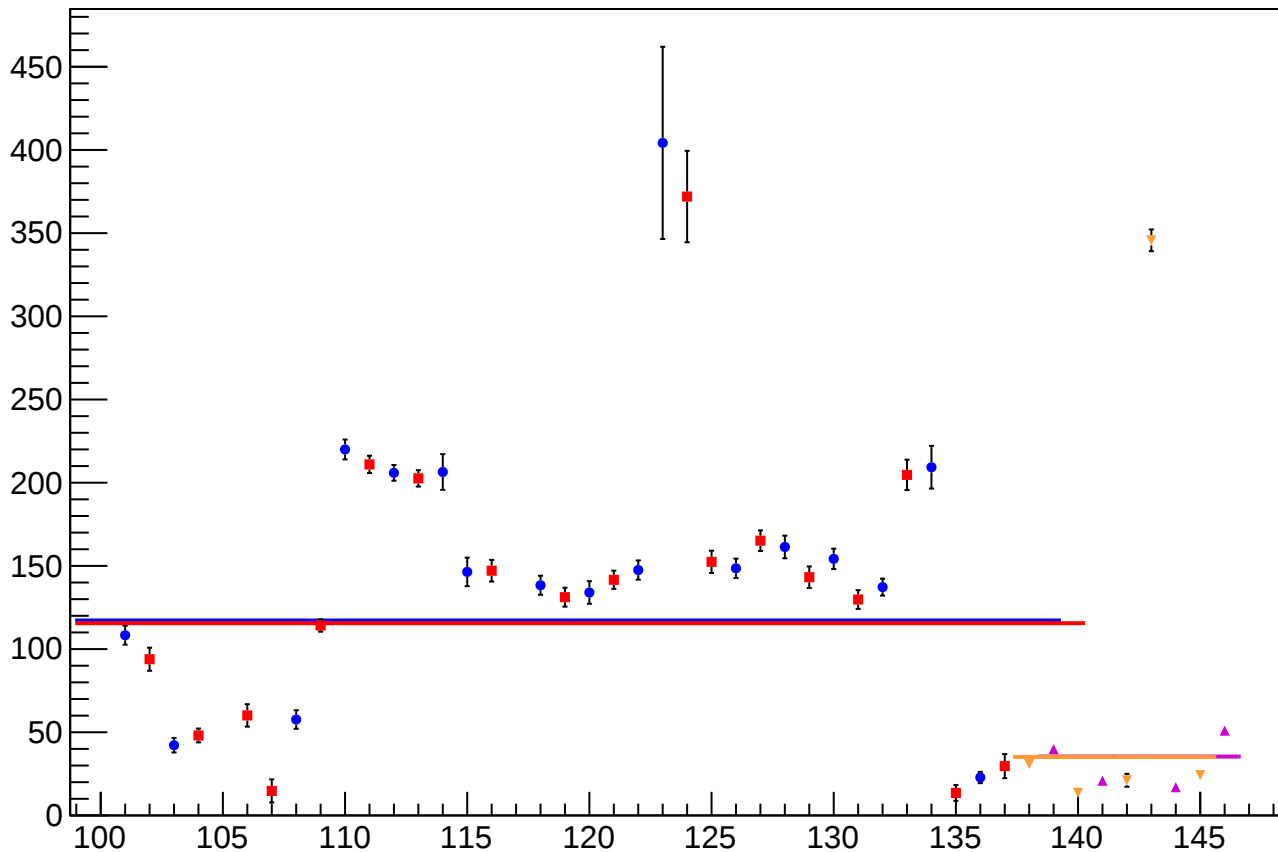
Right: -7.256+/-0.545 χ^2/NDF : 531.2/34

In: -4.654+/-0.573 χ^2/NDF : 335.7/20

Out: -6.061+/-0.610 χ^2/NDF : 276.0/22

All: -5.313+/-0.418 χ^2/NDF : 614.5/43

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: 35.191+/-1.280 χ^2/NDF :2389.8/4

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 35.406+/-1.158 χ^2/NDF :144.9/3

Left: 35.309+/-0.859 χ^2/NDF : 2534.8/8

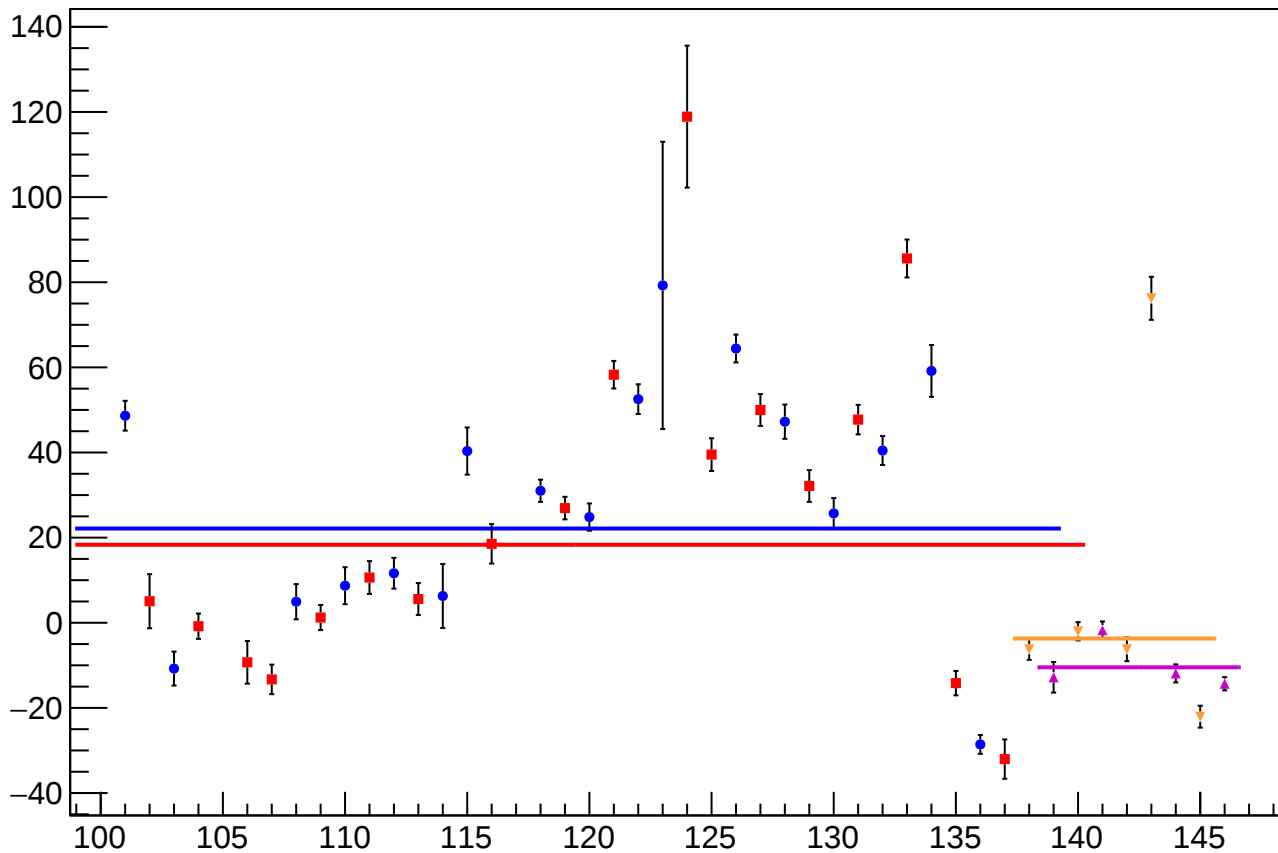
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 68.305+/-0.895 χ^2/NDF :4310.8/20

Out: 72.850+/-0.933 χ^2/NDF :6385.9/22

All: 70.483+/-0.646 χ^2/NDF : 10709.1/43

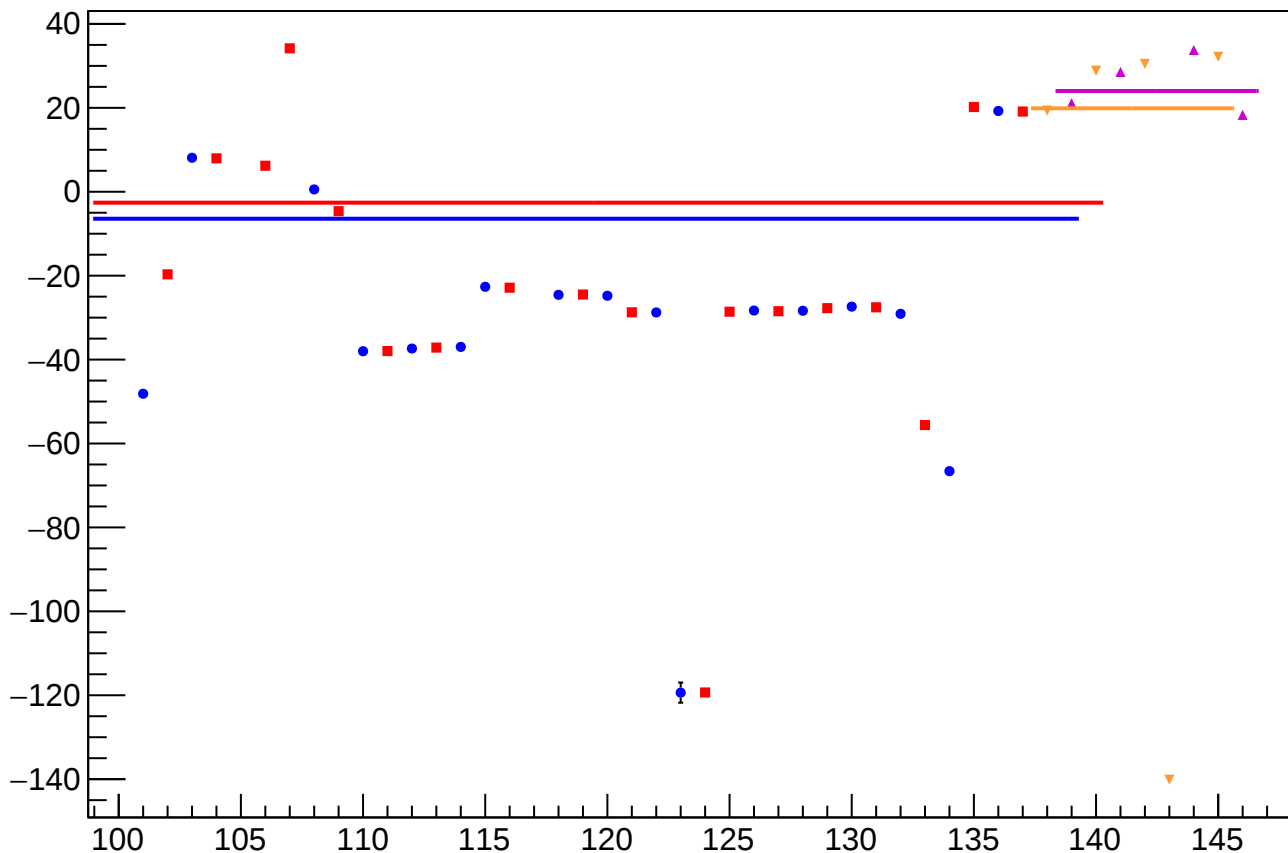
reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16
 Left Out: -3.704+/-1.196 χ^2/NDF :304.0/4
 Right Out: 18.331+/-0.872 χ^2/NDF : 1070.4/17
 Left In: -10.467+/-1.026 χ^2/NDF :25.2/3

Left: -7.599+/-0.779 χ^2/NDF : 347.7/8
 Right: 20.192+/-0.623 χ^2/NDF : 2143.8/34
 In: 8.121+/-0.673 χ^2/NDF :1664.7/20
 Out: 10.682+/-0.705 χ^2/NDF :1596.0/22
 All: 9.343+/-0.487 χ^2/NDF : 3267.7/43

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 19.885 $\pm$ 0.052 χ^2/NDF : 397759.2/4

Right Out: -2.597 $\pm$ 0.046 χ^2/NDF : 263579.4/17

Left In: 24.018 $\pm$ 0.047 χ^2/NDF : 14087.8/3

Left: 22.140 $\pm$ 0.035 χ^2/NDF : 415320.0/8

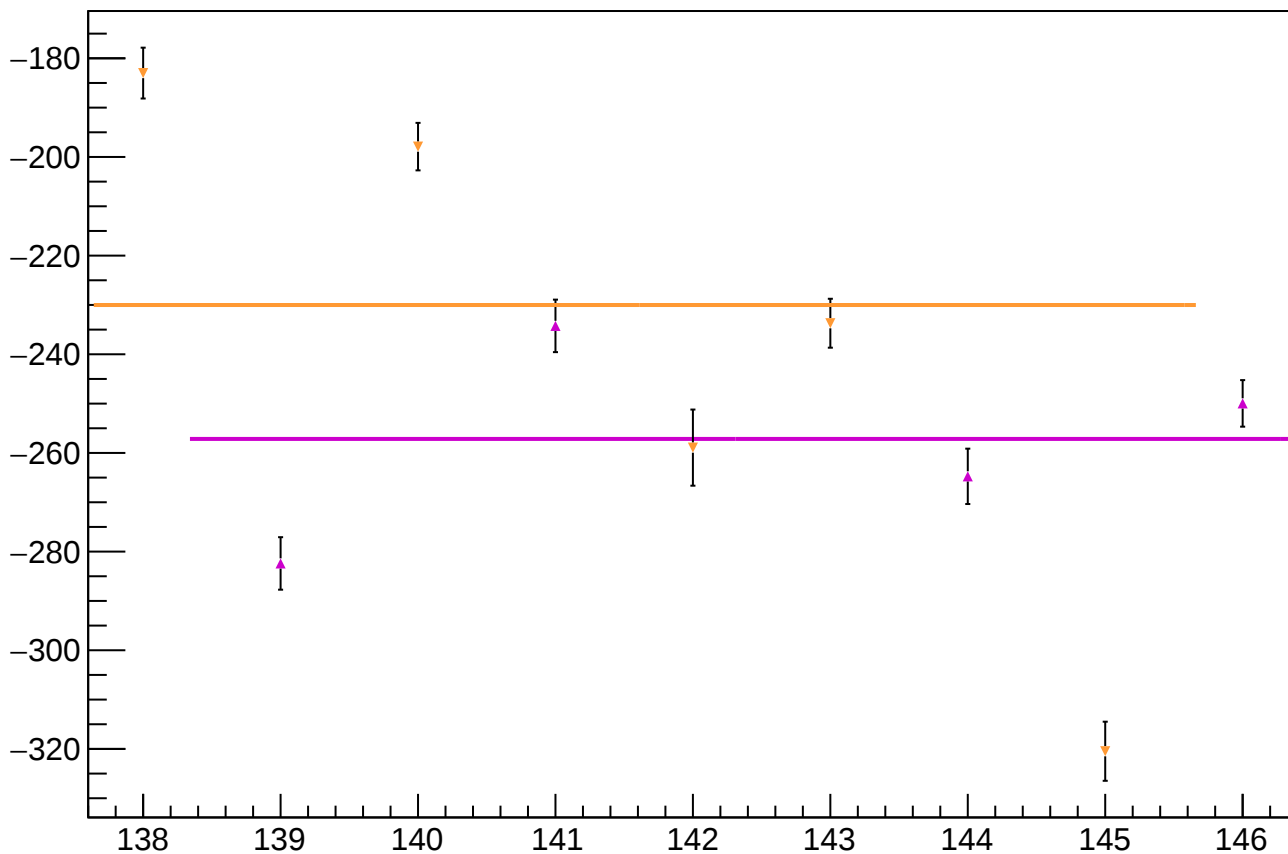
Right: -4.494 $\pm$ 0.033 χ^2/NDF : 532217.8/34

In: 8.451 $\pm$ 0.033 χ^2/NDF : 491376.2/20

Out: 7.260 $\pm$ 0.034 χ^2/NDF : 767099.7/22

All: 7.878 $\pm$ 0.024 χ^2/NDF : 1259101.8/43

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: -230.014+/-2.453 χ^2/NDF :370.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -257.160+/-2.606 χ^2/NDF :45.2/3

Left: -242.771+/-1.786 χ^2/NDF : 473.0/8

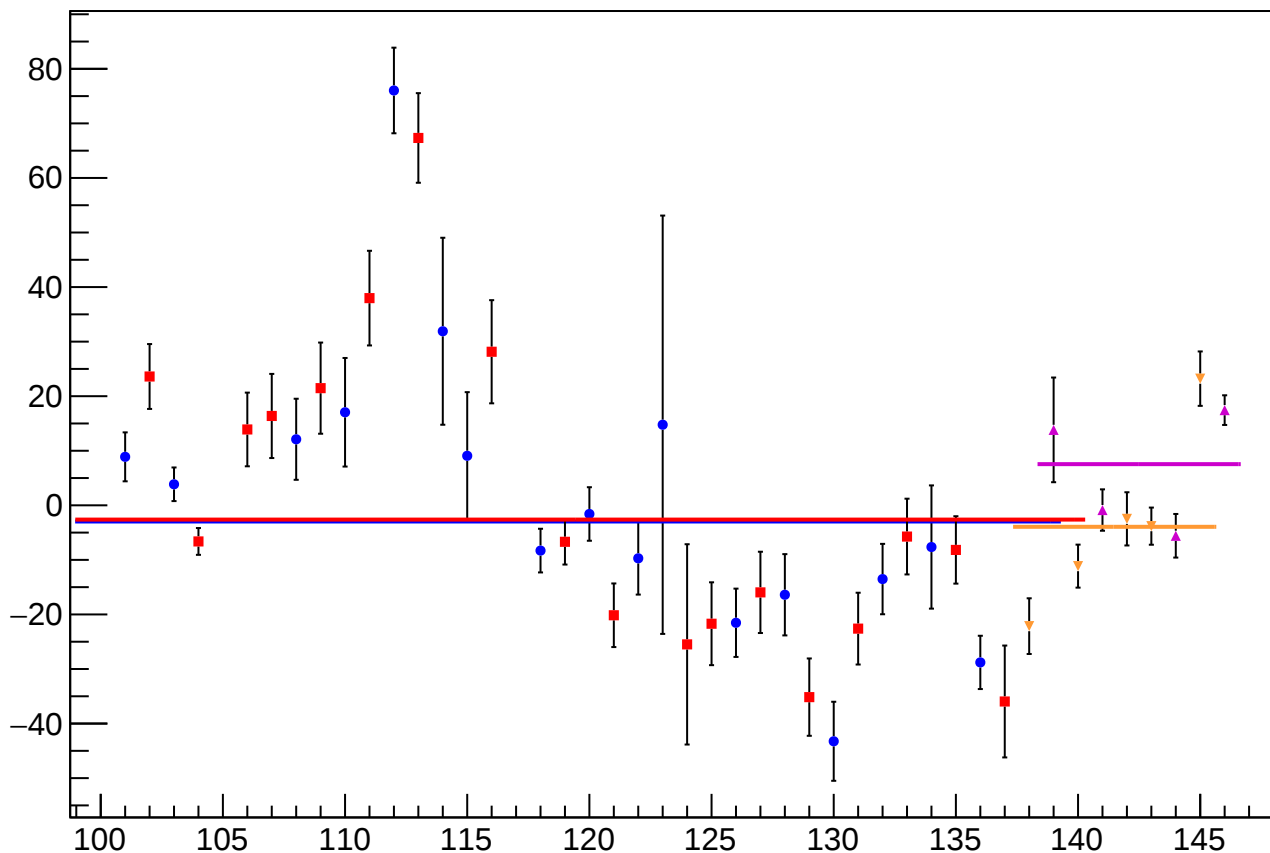
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -257.160+/-2.606 χ^2/NDF :45.2/3

Out: -230.014+/-2.453 χ^2/NDF :370.3/4

All: -242.771+/-1.786 χ^2/NDF : 473.0/8

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: -3.938 ± 1.920 χ^2/NDF : 45.8/4

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 7.546 ± 1.896 χ^2/NDF : 29.4/3

Left: 1.877 ± 1.349 χ^2/NDF : 93.3/8

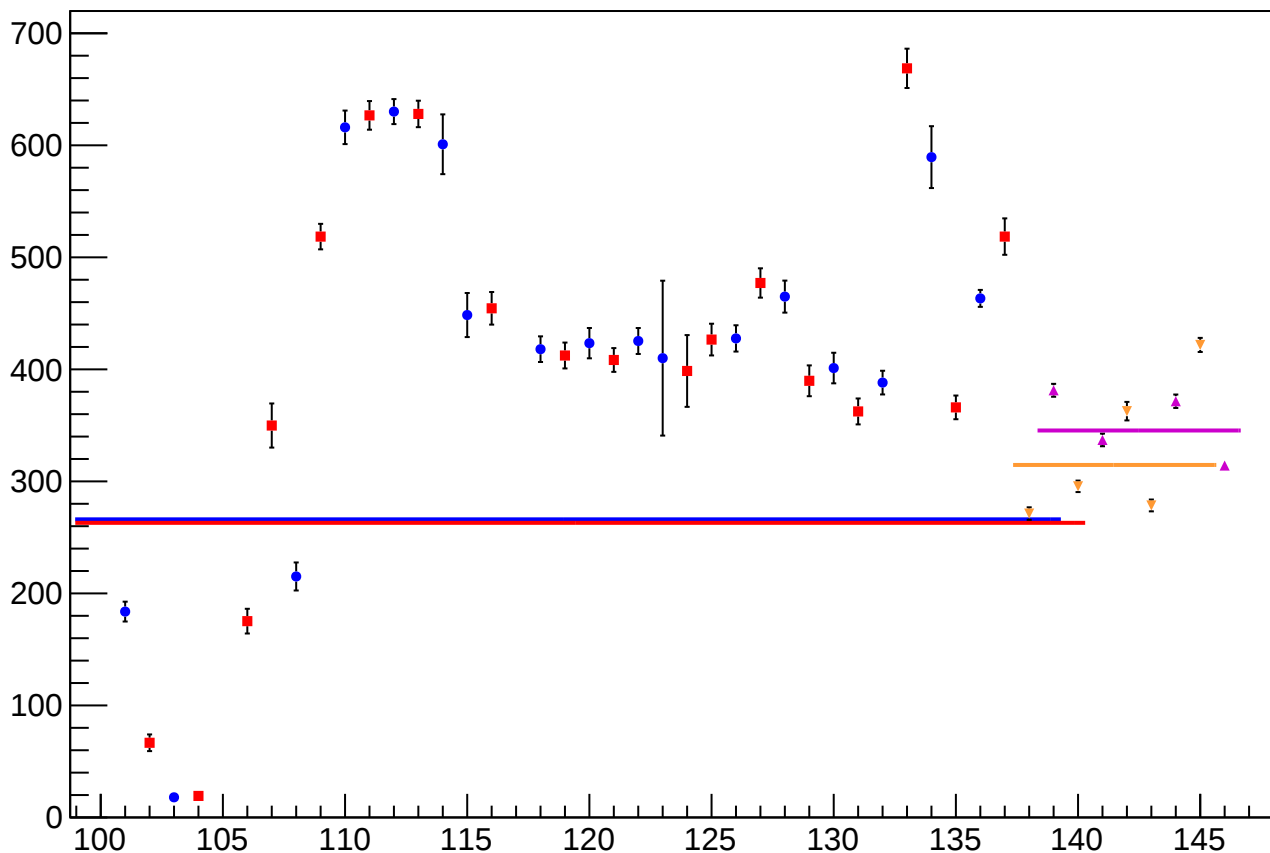
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 0.924 ± 1.153 χ^2/NDF : 252.3/20

Out: -3.074 ± 1.131 χ^2/NDF : 256.6/22

All: -1.114 ± 0.807 χ^2/NDF : 515.0/43

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: 314.666 $\pm$ 2.619 χ^2 /NDF:444.6/4

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 345.432 $\pm$ 2.688 χ^2 /NDF:108.2/3

Left: 329.650 $\pm$ 1.876 χ^2 /NDF: 619.9/8

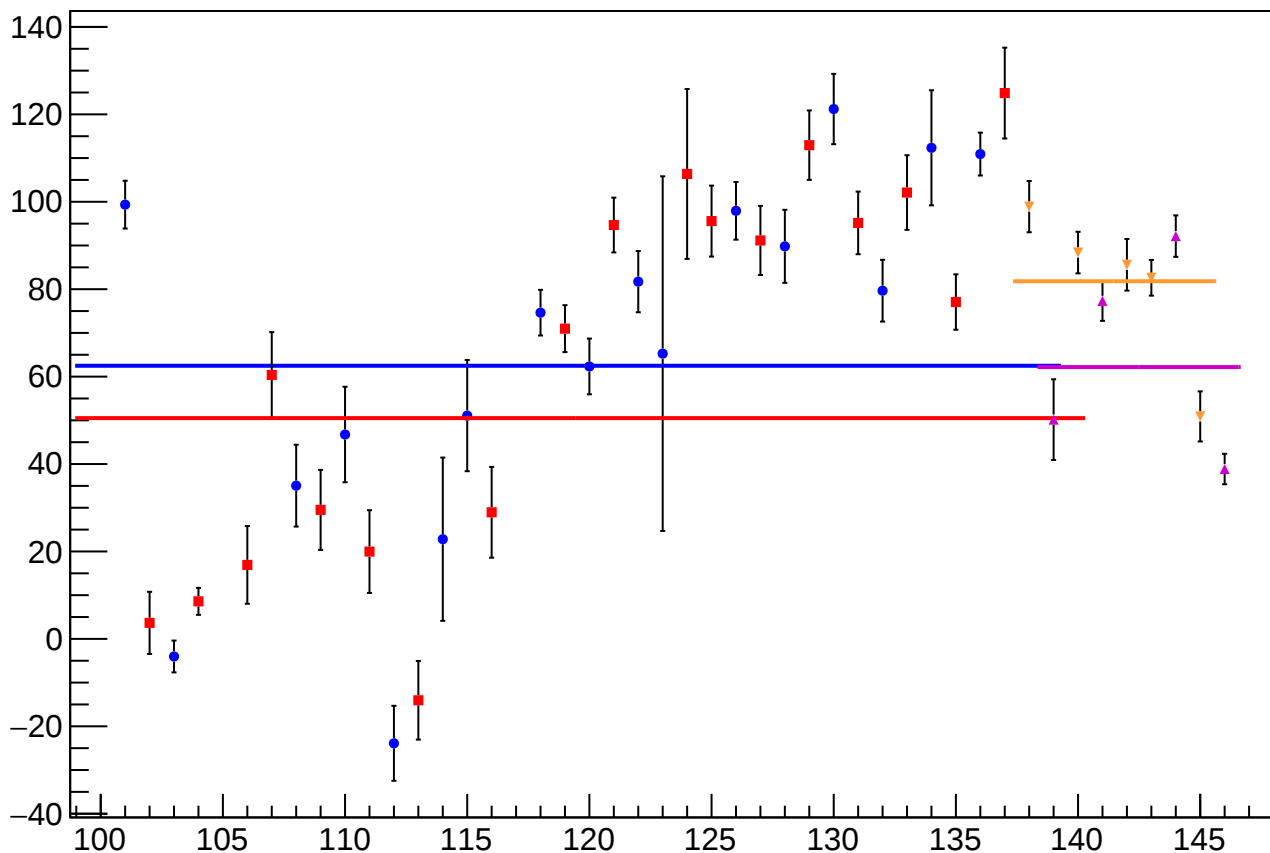
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 302.586 $\pm$ 1.823 χ^2 /NDF:8222.5/20

Out: 287.286 $\pm$ 1.796 χ^2 /NDF:8822.8/22

All: 294.821 $\pm$ 1.279 χ^2 /NDF: 17081.1/43

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 81.820 $\pm$ 2.281 χ^2 /NDF:39.9/4

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 62.186 $\pm$ 2.316 χ^2 /NDF:97.3/3

Left: 72.154 $\pm$ 1.625 χ^2 /NDF: 173.8/8

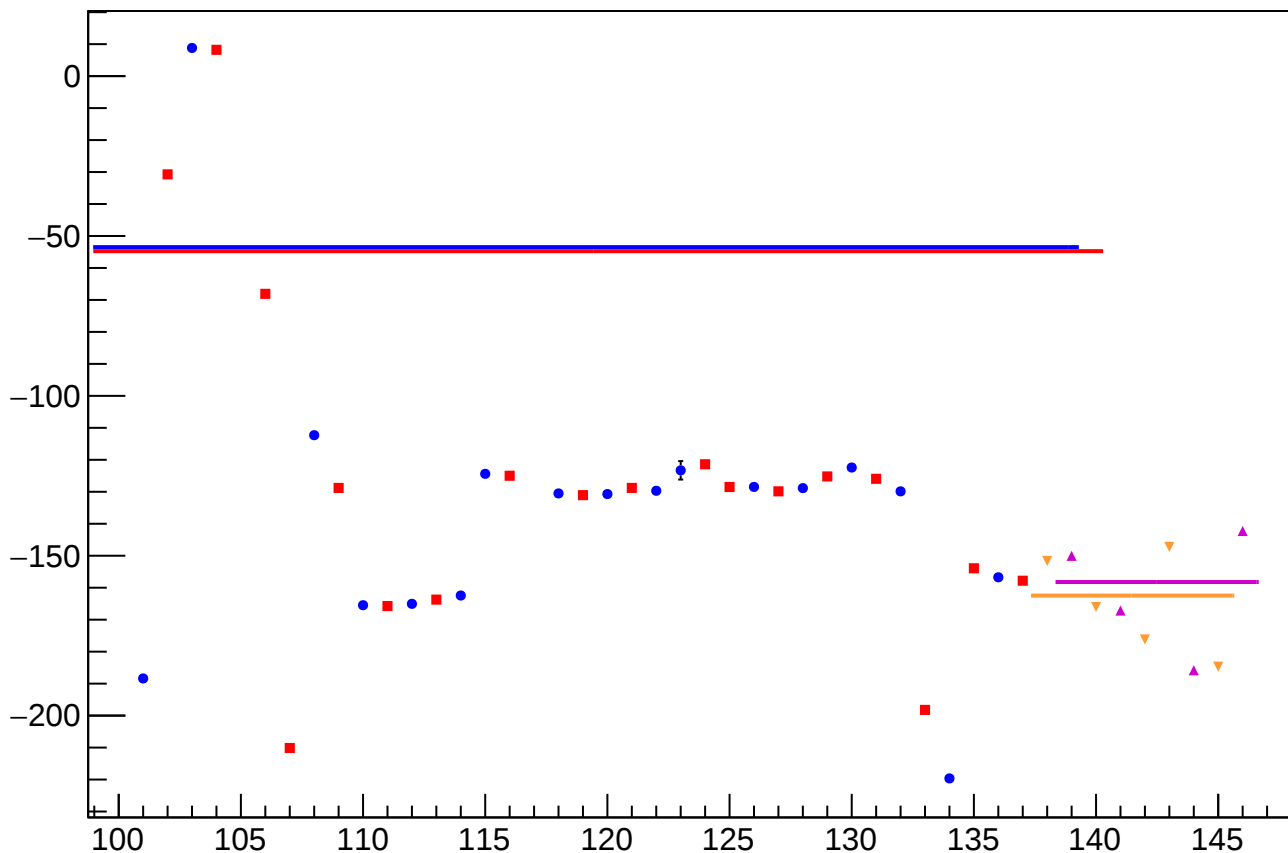
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 62.382 $\pm$ 1.360 χ^2 /NDF:818.1/20

Out: 61.214 $\pm$ 1.334 χ^2 /NDF:814.5/22

All: 61.786 $\pm$ 0.952 χ^2 /NDF: 1633.1/43

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -162.462 ± 0.107 $\chi^2/\text{NDF}: 17444.5/4$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -158.218 ± 0.111 $\chi^2/\text{NDF}: 20100.3/3$

Left: -160.423 ± 0.077 $\chi^2/\text{NDF}: 38302.5/8$

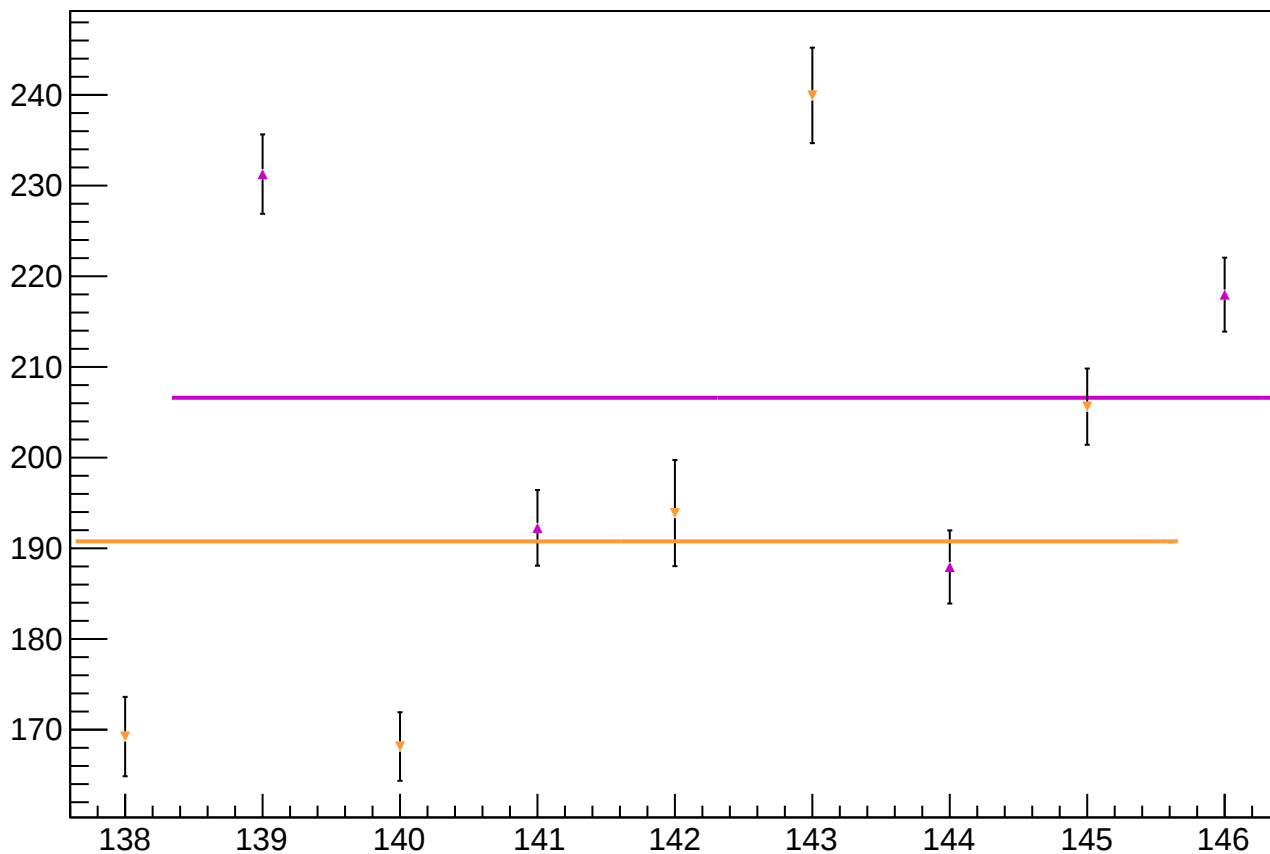
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -83.427 ± 0.059 $\chi^2/\text{NDF}: 1883316.3/20$

Out: -88.455 ± 0.060 $\chi^2/\text{NDF}: 1667702.9/22$

All: -85.925 ± 0.042 $\chi^2/\text{NDF}: 3554577.5/43$

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: 190.766 $\pm$ 2.024 χ^2 /NDF:159.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 206.604 $\pm$ 2.080 χ^2 /NDF:72.7/3

Left: 198.472 $\pm$ 1.451 χ^2 /NDF: 262.5/8

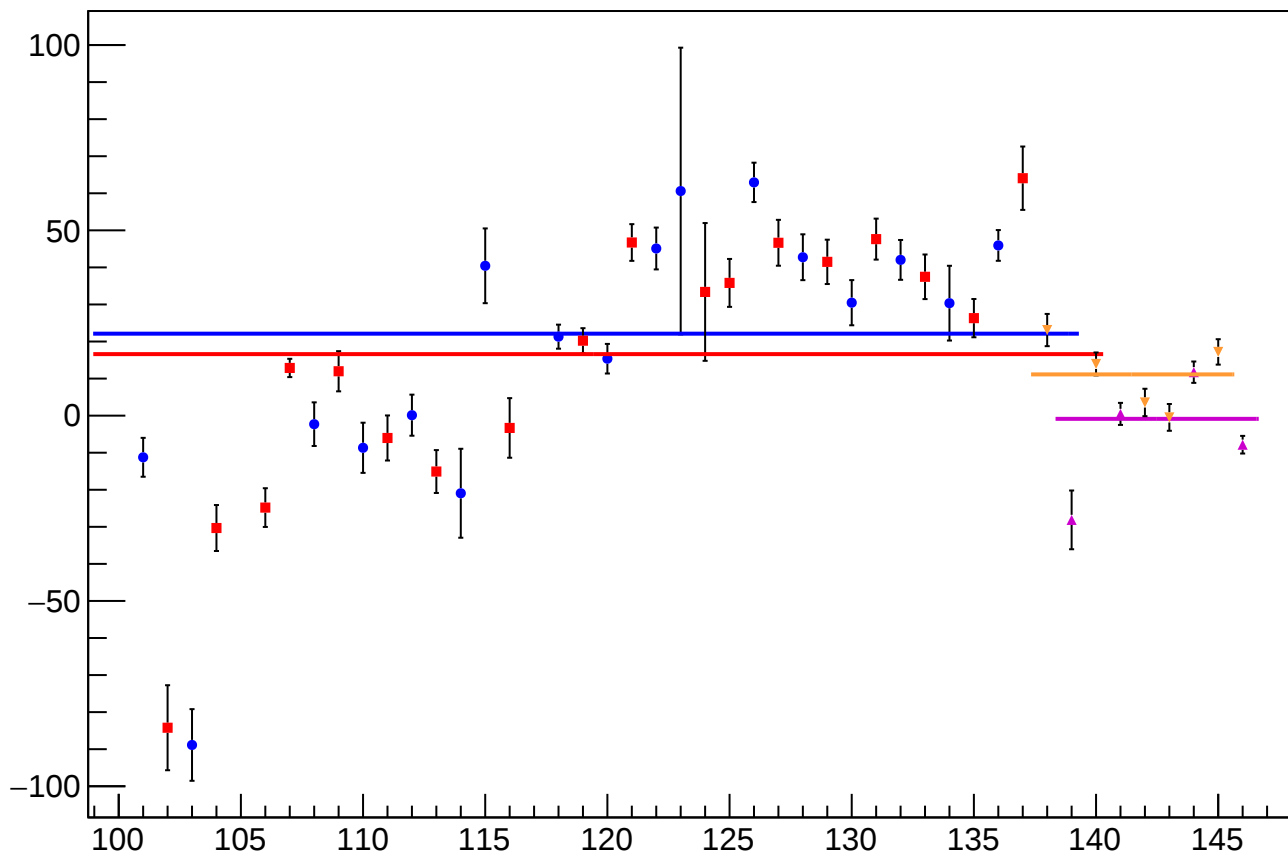
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 206.604 $\pm$ 2.080 χ^2 /NDF:72.7/3

Out: 190.766 $\pm$ 2.024 χ^2 /NDF:159.9/4

All: 198.472 $\pm$ 1.451 χ^2 /NDF: 262.5/8

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 11.128 $\pm$ 1.598 χ^2 /NDF: 26.0/4

Right Out: 16.602 $\pm$ 1.229 χ^2 /NDF: 416.8/17

Left In: -0.863 $\pm$ 1.532 χ^2 /NDF: 39.7/3

Left: 4.882 $\pm$ 1.106 χ^2 /NDF: 95.1/8

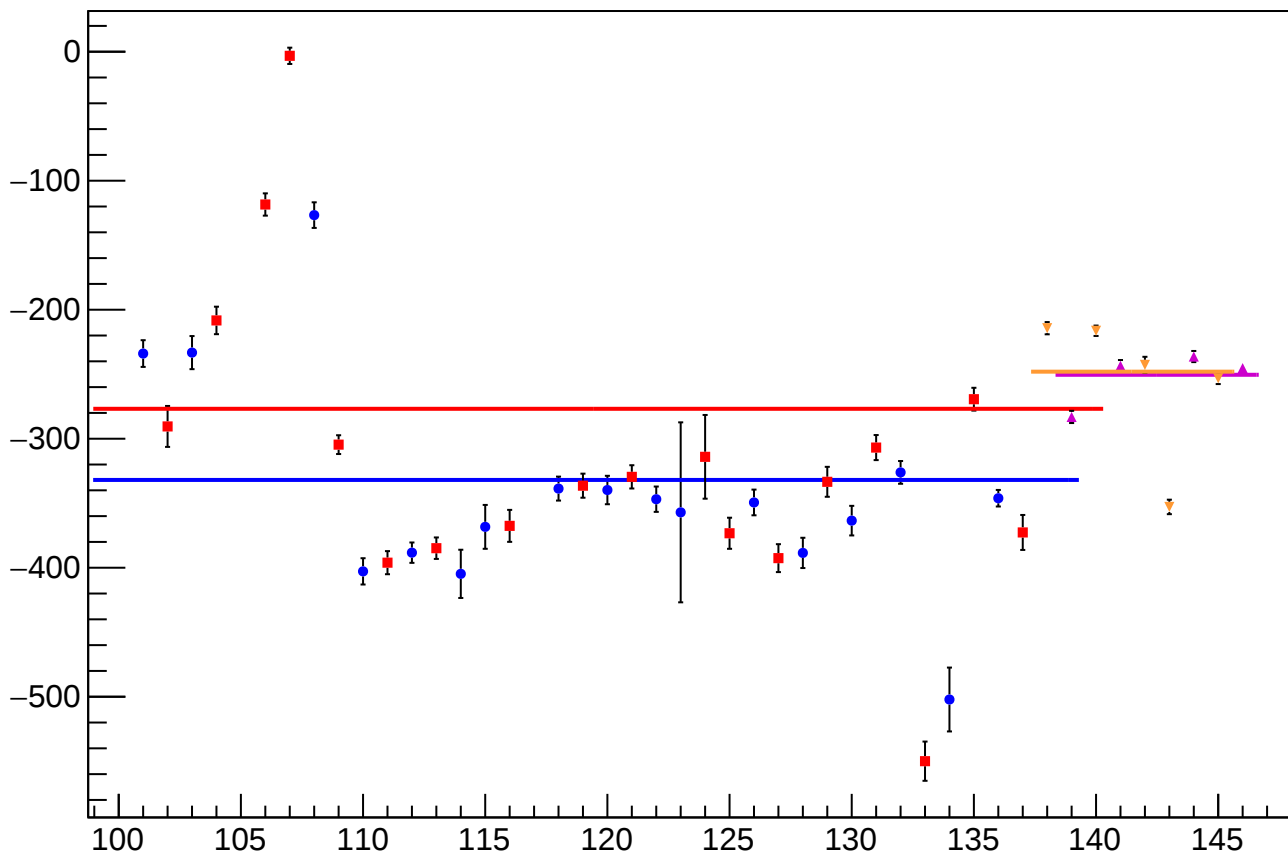
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 11.855 $\pm$ 1.024 χ^2 /NDF: 546.2/20

Out: 14.567 $\pm$ 0.974 χ^2 /NDF: 450.2/22

All: 13.279 $\pm$ 0.706 χ^2 /NDF: 1000.1/43

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952+/-2.567 χ^2/NDF : 785.6/16

Left Out: -248.015+/-2.163 χ^2/NDF : 463.1/4

Right Out: -276.804+/-2.329 χ^2/NDF : 3330.4/17

Left In: -250.441+/-2.157 χ^2/NDF : 62.6/3

Left: -249.232+/-1.527 χ^2/NDF : 526.2/8

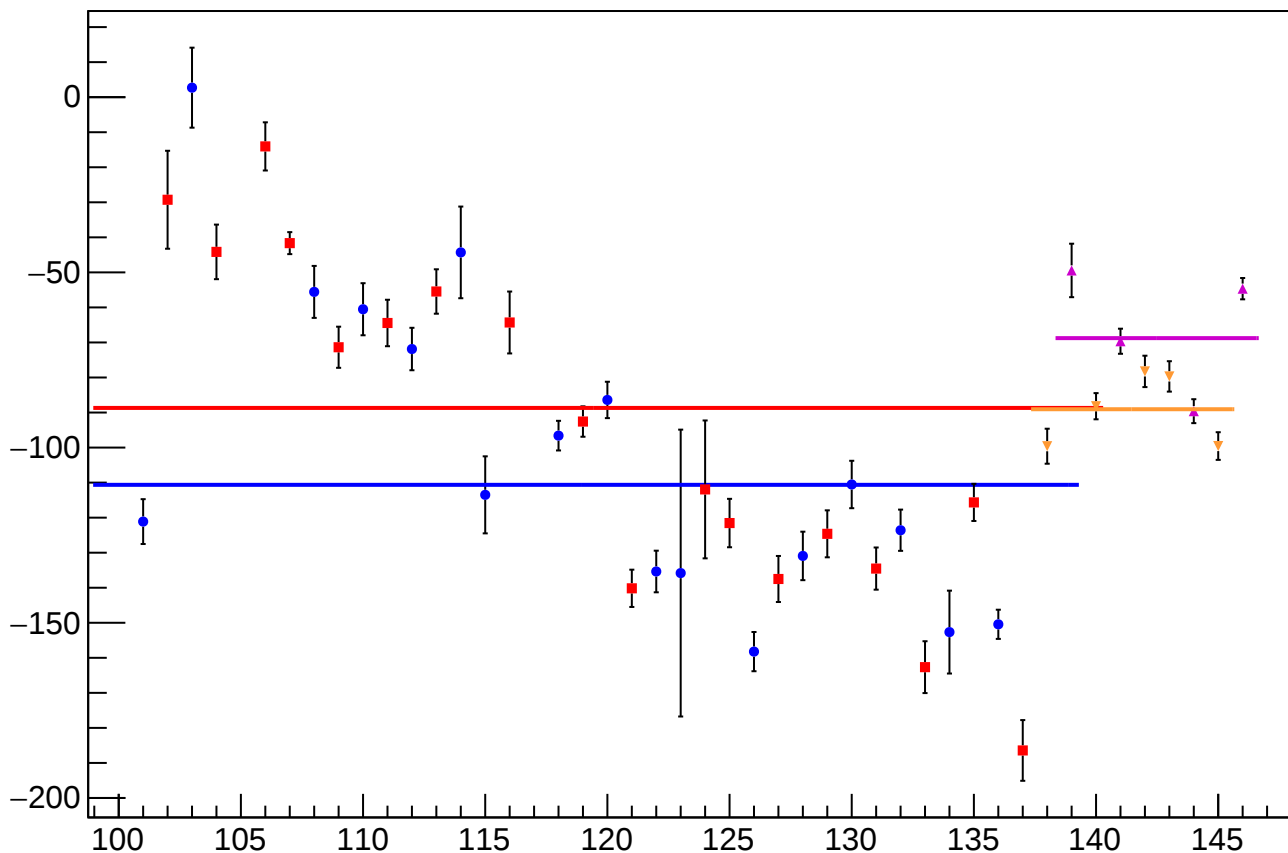
Right: -301.706+/-1.725 χ^2/NDF : 4369.1/34

In: -284.174+/-1.652 χ^2/NDF : 1439.0/20

Out: -261.346+/-1.585 χ^2/NDF : 3875.5/22

All: -272.291+/-1.144 χ^2/NDF : 5413.9/43

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -89.056 ± 1.894 $\chi^2/\text{NDF}: 22.1/4$

Right Out: -88.683 ± 1.434 $\chi^2/\text{NDF}: 964.0/17$

Left In: -68.765 ± 1.860 $\chi^2/\text{NDF}: 65.3/3$

Left: -78.729 ± 1.327 $\chi^2/\text{NDF}: 145.8/8$

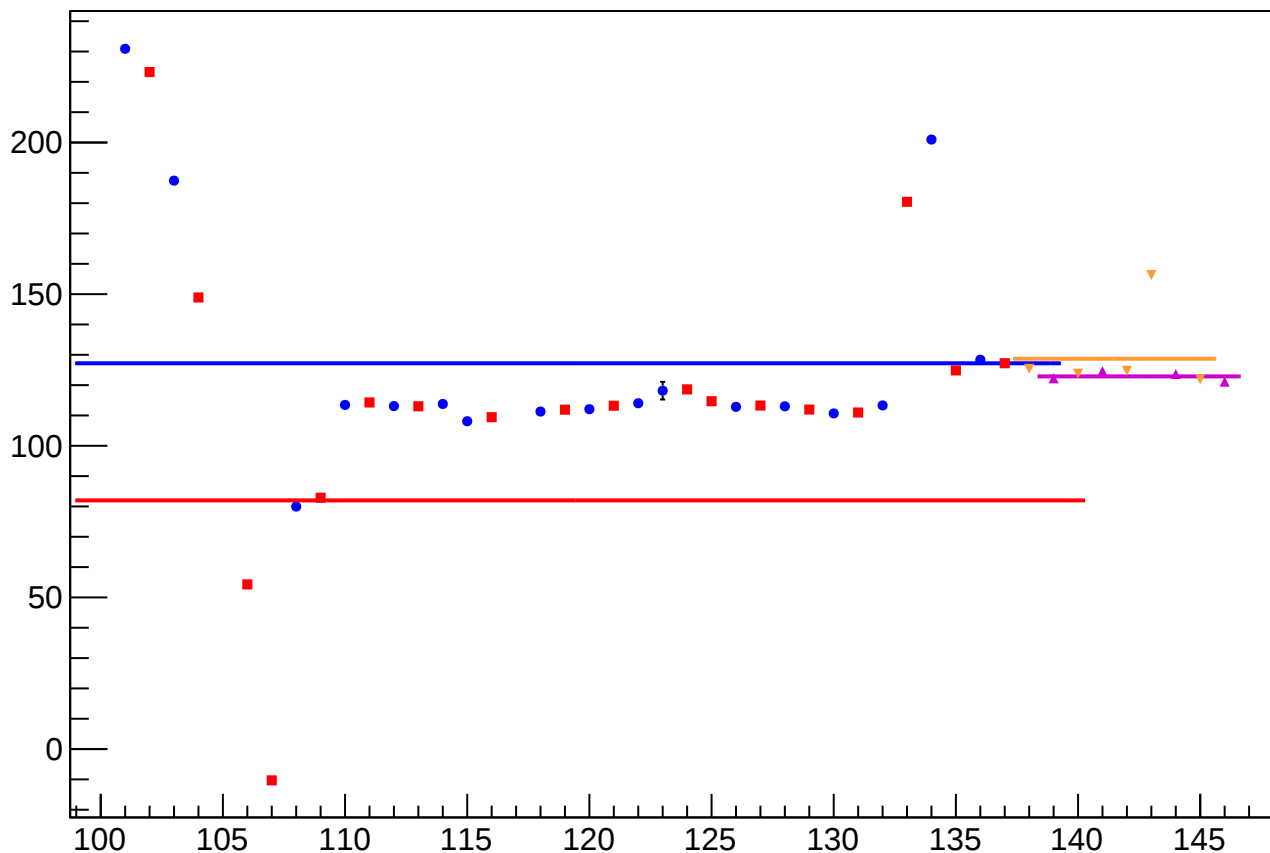
Right: -98.593 ± 1.062 $\chi^2/\text{NDF}: 1578.5/34$

In: -93.073 ± 1.205 $\chi^2/\text{NDF}: 868.2/20$

Out: -88.819 ± 1.143 $\chi^2/\text{NDF}: 986.1/22$

All: -90.835 ± 0.829 $\chi^2/\text{NDF}: 1860.8/43$

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: 128.708 $\pm$ 0.088 χ^2 /NDF: 17726.6/4

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 122.883 $\pm$ 0.089 χ^2 /NDF: 215.8/3

Left: 125.828 $\pm$ 0.063 χ^2 /NDF: 20097.6/8

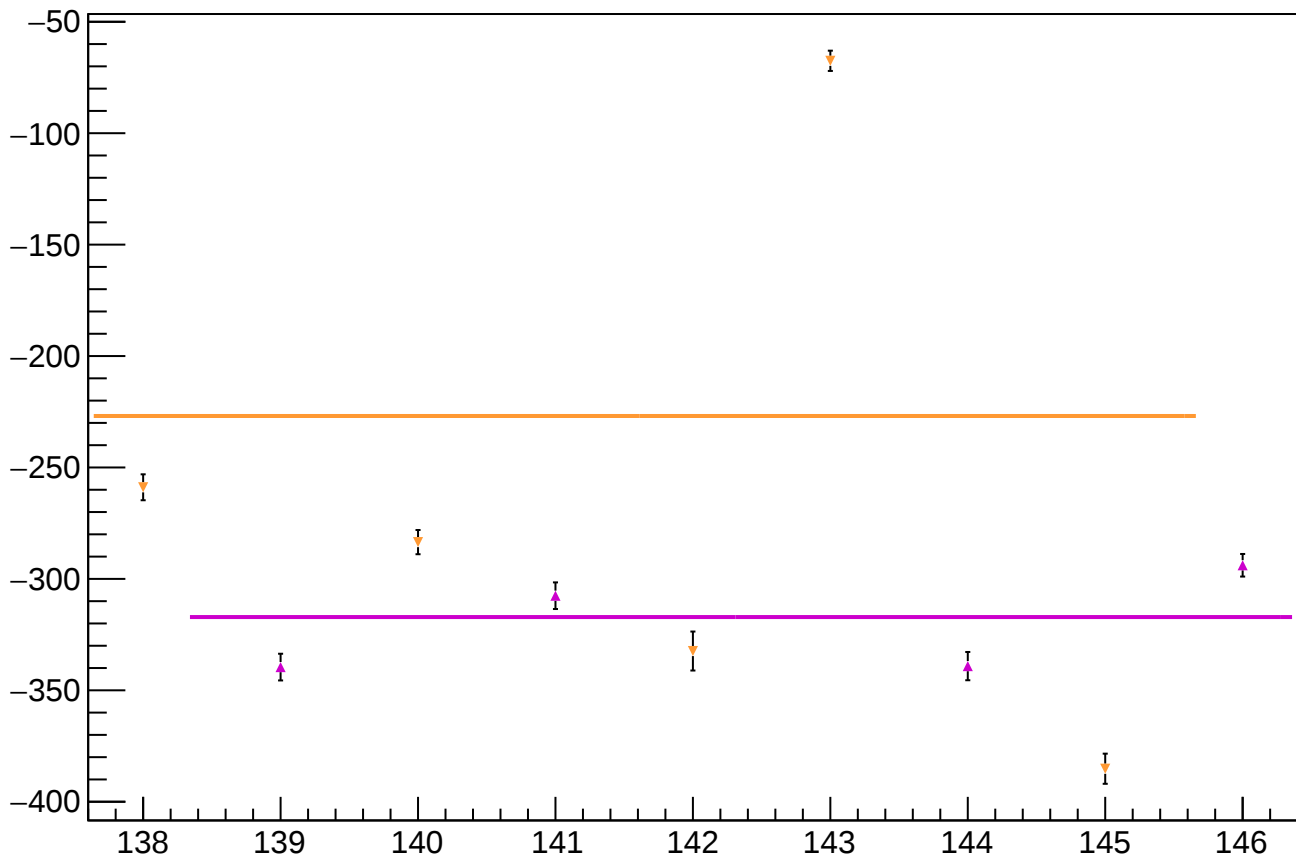
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 125.046 $\pm$ 0.063 χ^2 /NDF: 189416.3/20

Out: 101.741 $\pm$ 0.057 χ^2 /NDF: 929442.3/22

All: 112.292 $\pm$ 0.042 χ^2 /NDF: 1193617.2/43

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: -226.898+/-2.612 χ^2/NDF :2059.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -317.124+/-2.891 χ^2/NDF :49.7/3

Left: -267.439+/-1.938 χ^2/NDF : 2645.1/8

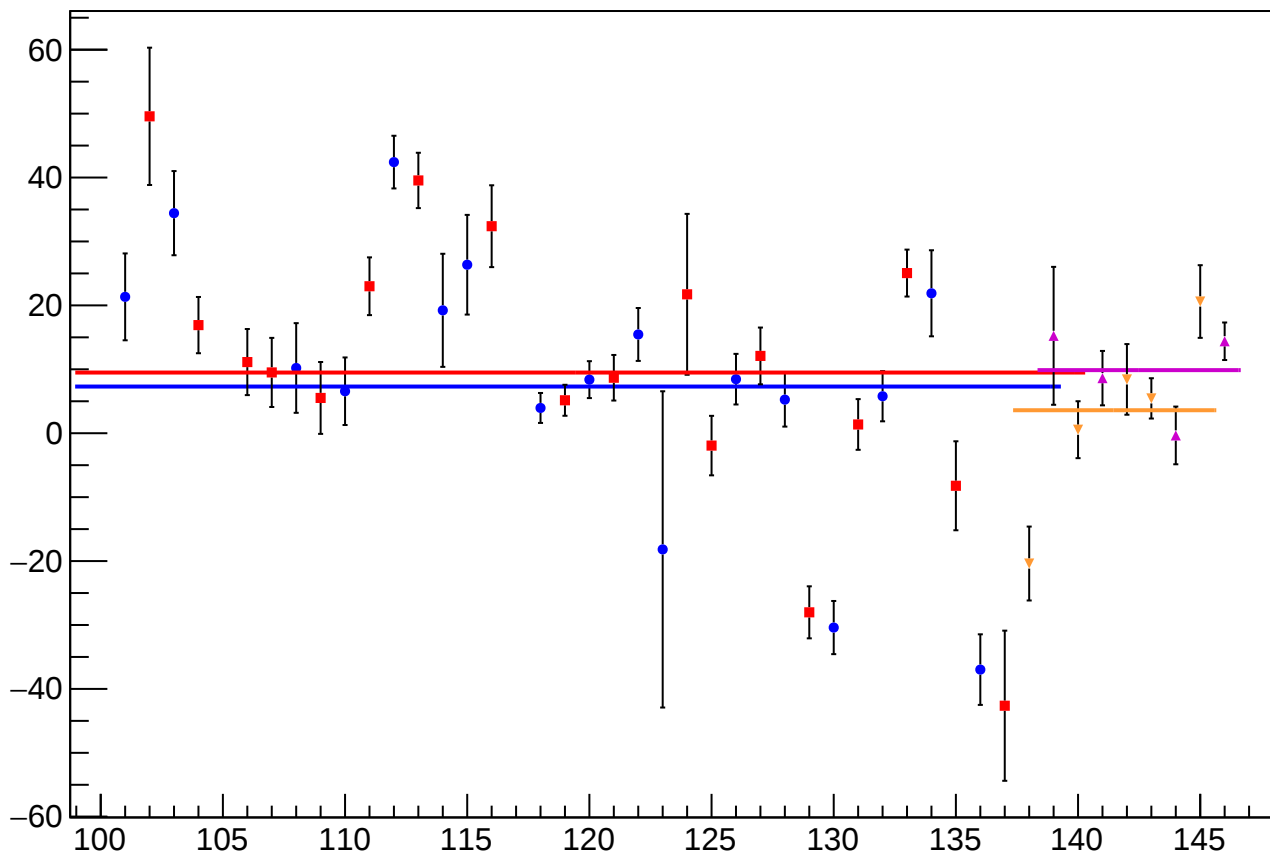
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -317.124+/-2.891 χ^2/NDF :49.7/3

Out: -226.898+/-2.612 χ^2/NDF :2059.1/4

All: -267.439+/-1.938 χ^2/NDF : 2645.1/8

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 3.596 ± 2.022 $\chi^2/\text{NDF}: 27.7/4$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 9.870 ± 2.090 $\chi^2/\text{NDF}: 7.8/3$

Left: 6.629 ± 1.453 $\chi^2/\text{NDF}: 40.2/8$

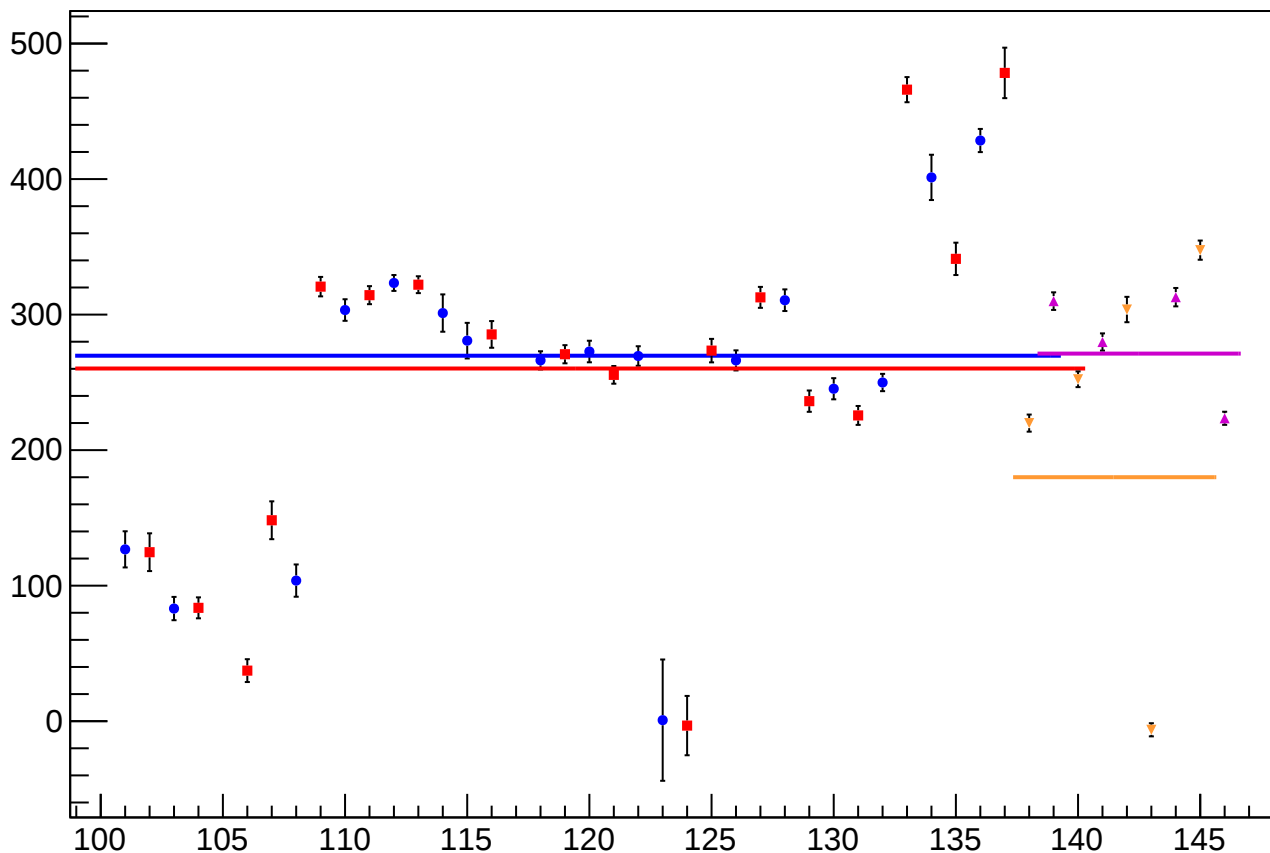
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 7.848 ± 0.963 $\chi^2/\text{NDF}: 269.7/20$

Out: 8.197 ± 0.948 $\chi^2/\text{NDF}: 265.5/22$

All: 8.025 ± 0.676 $\chi^2/\text{NDF}: 535.2/43$

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: 180.025 $\pm$ 2.786 χ^2 /NDF:2405.1/4

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 271.228 $\pm$ 2.976 χ^2 /NDF:172.2/3

Left: 222.629 $\pm$ 2.034 χ^2 /NDF: 3077.8/8

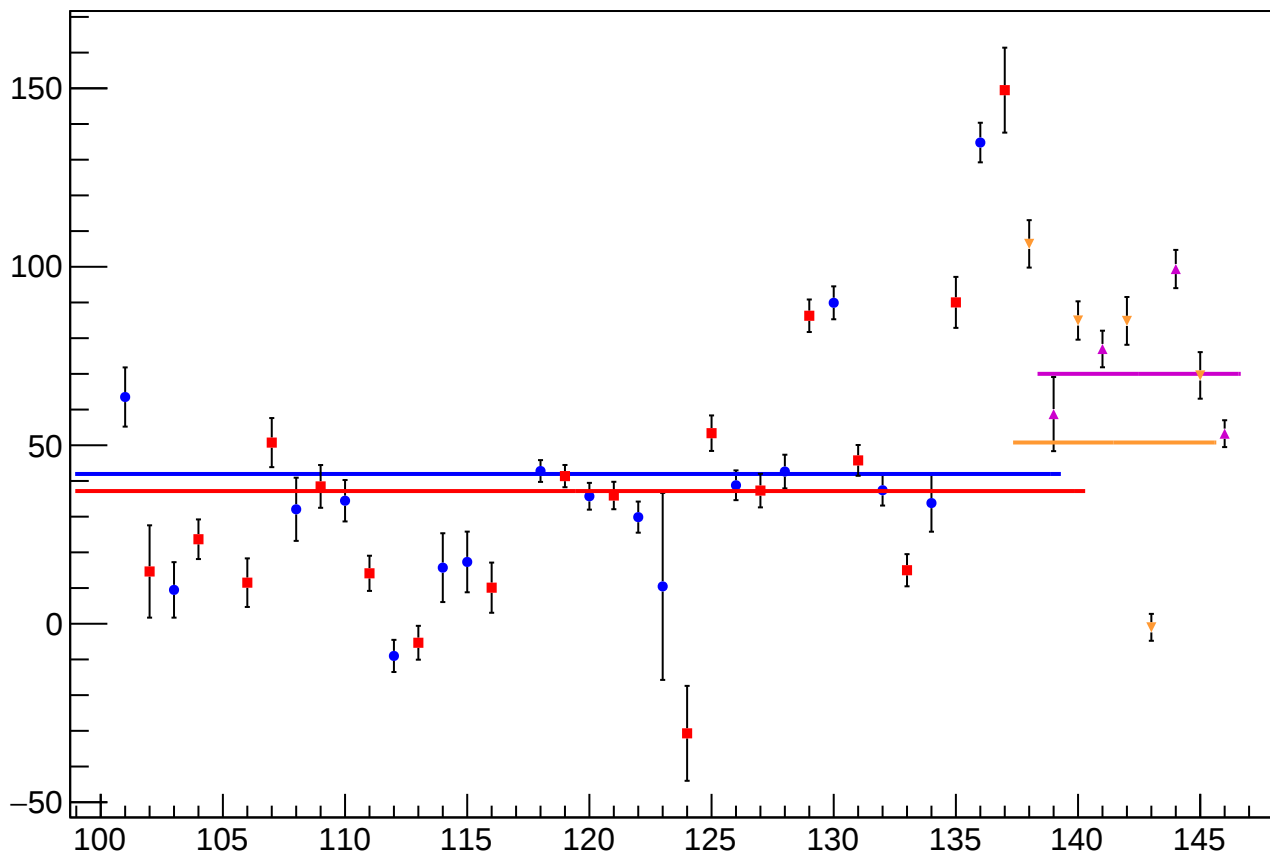
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 270.176 $\pm$ 1.703 χ^2 /NDF:1549.0/20

Out: 233.339 $\pm$ 1.613 χ^2 /NDF:5483.8/22

All: 250.766 $\pm$ 1.171 χ^2 /NDF: 7279.5/43

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: 50.775 $\pm$ 2.401 χ^2 /NDF:333.5/4

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 70.010 $\pm$ 2.558 χ^2 /NDF:52.9/3

Left: 59.784 $\pm$ 1.751 χ^2 /NDF: 416.5/8

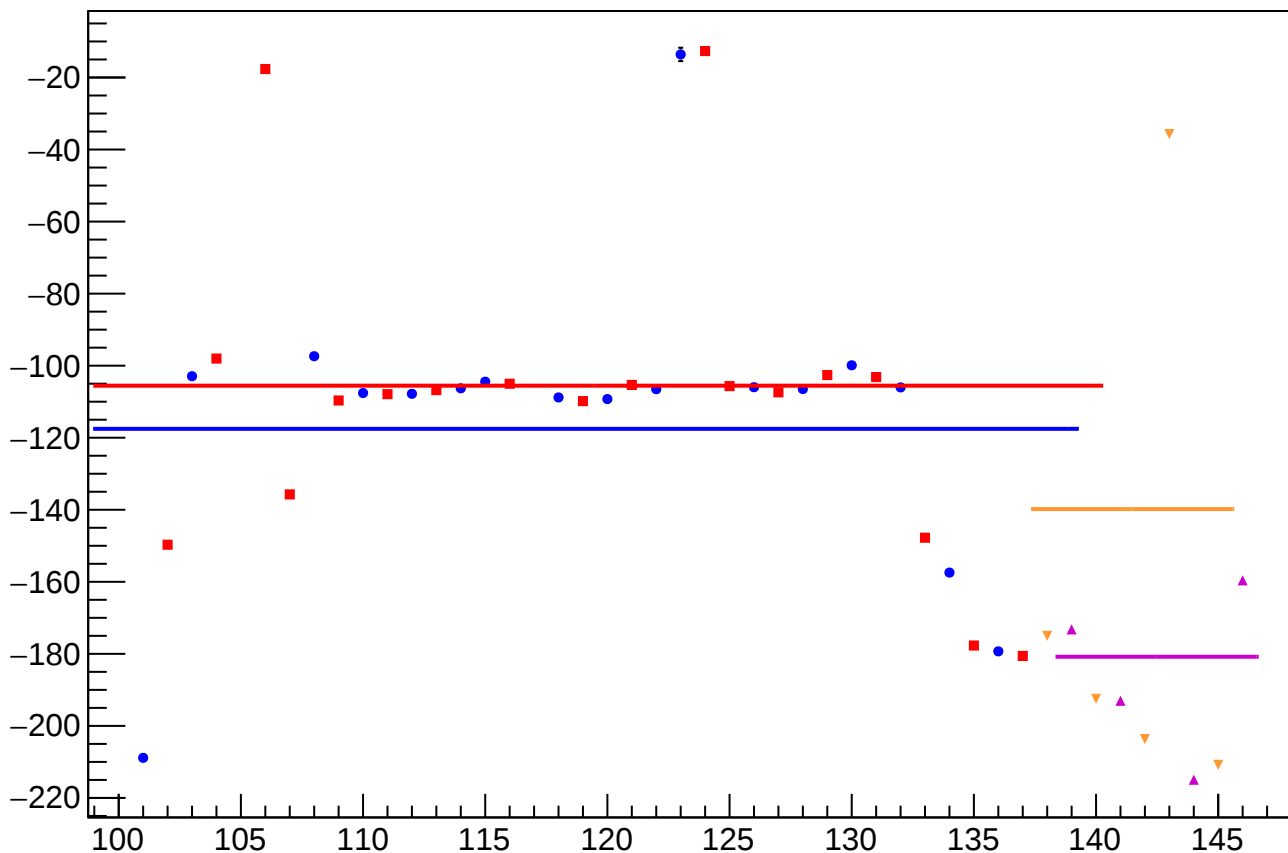
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 47.424 $\pm$ 1.129 χ^2 /NDF:724.0/20

Out: 40.022 $\pm$ 1.099 χ^2 /NDF:829.8/22

All: 43.623 $\pm$ 0.787 χ^2 /NDF: 1575.9/43

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: -139.809+/-0.113 χ^2/NDF : 441484.0/4

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -180.805+/-0.123 χ^2/NDF : 25596.3/3

Left: -158.588+/-0.084 χ^2/NDF : 526906.4/8

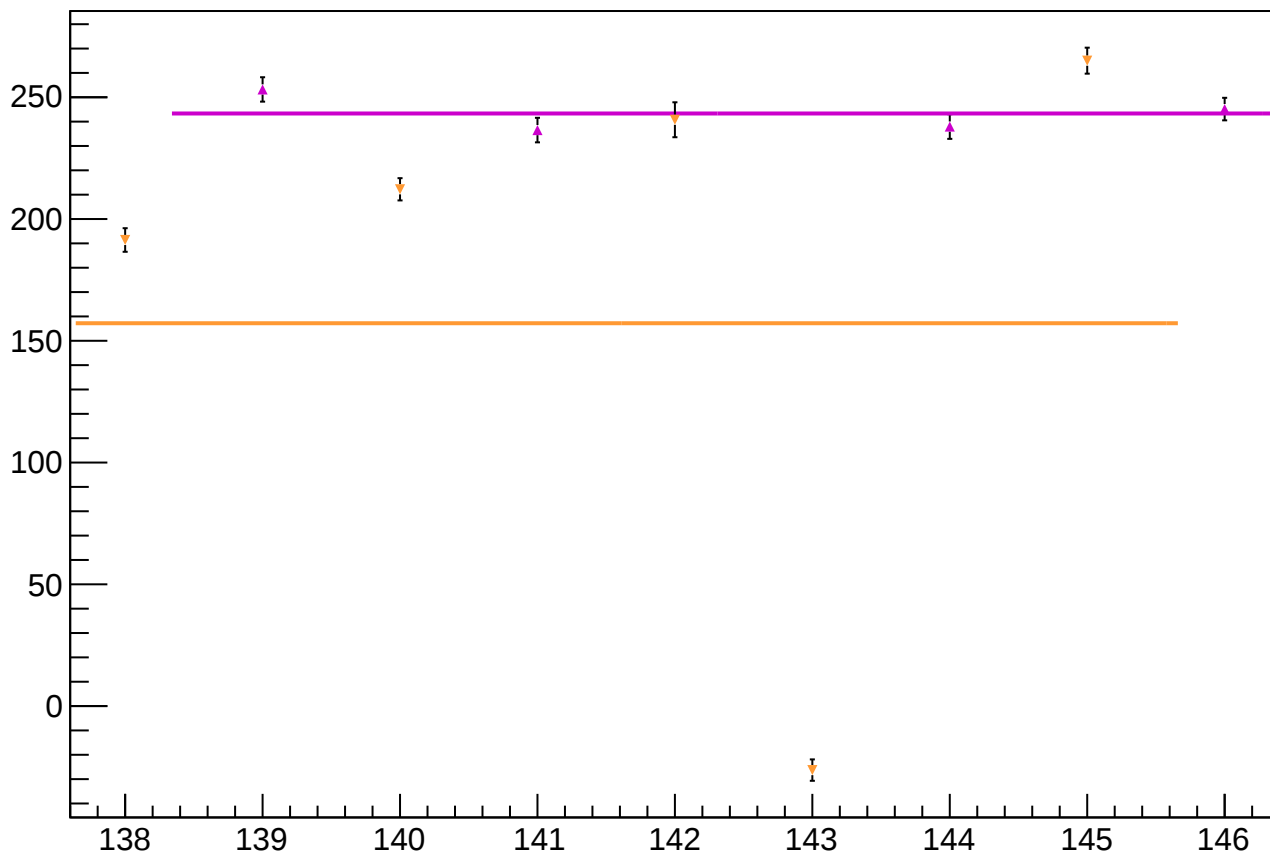
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -135.639+/-0.066 χ^2/NDF : 355335.7/20

Out: -115.561+/-0.061 χ^2/NDF : 823455.9/22

All: -124.861+/-0.045 χ^2/NDF : 1228465.2/43

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: 157.209+/-2.254 χ^2/NDF :2481.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 243.338+/-2.462 χ^2/NDF :7.0/3

Left: 196.494+/-1.662 χ^2/NDF : 3154.4/8

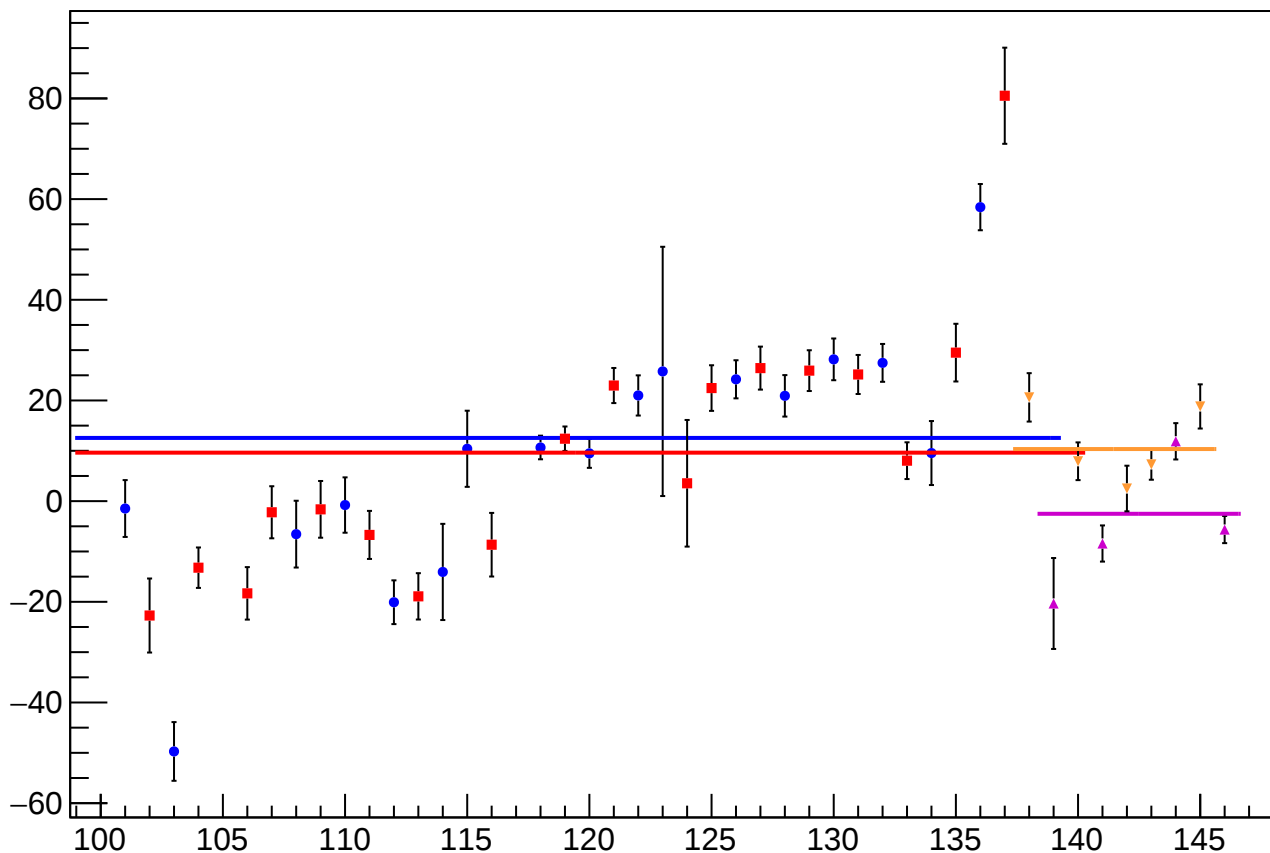
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.338+/-2.462 χ^2/NDF :7.0/3

Out: 157.209+/-2.254 χ^2/NDF :2481.6/4

All: 196.494+/-1.662 χ^2/NDF : 3154.4/8

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 10.349 $\pm$ 1.760 χ^2 /NDF:12.7/4

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -2.514 $\pm$ 1.814 χ^2 /NDF:23.9/3

Left: 4.109 $\pm$ 1.263 χ^2 /NDF: 62.5/8

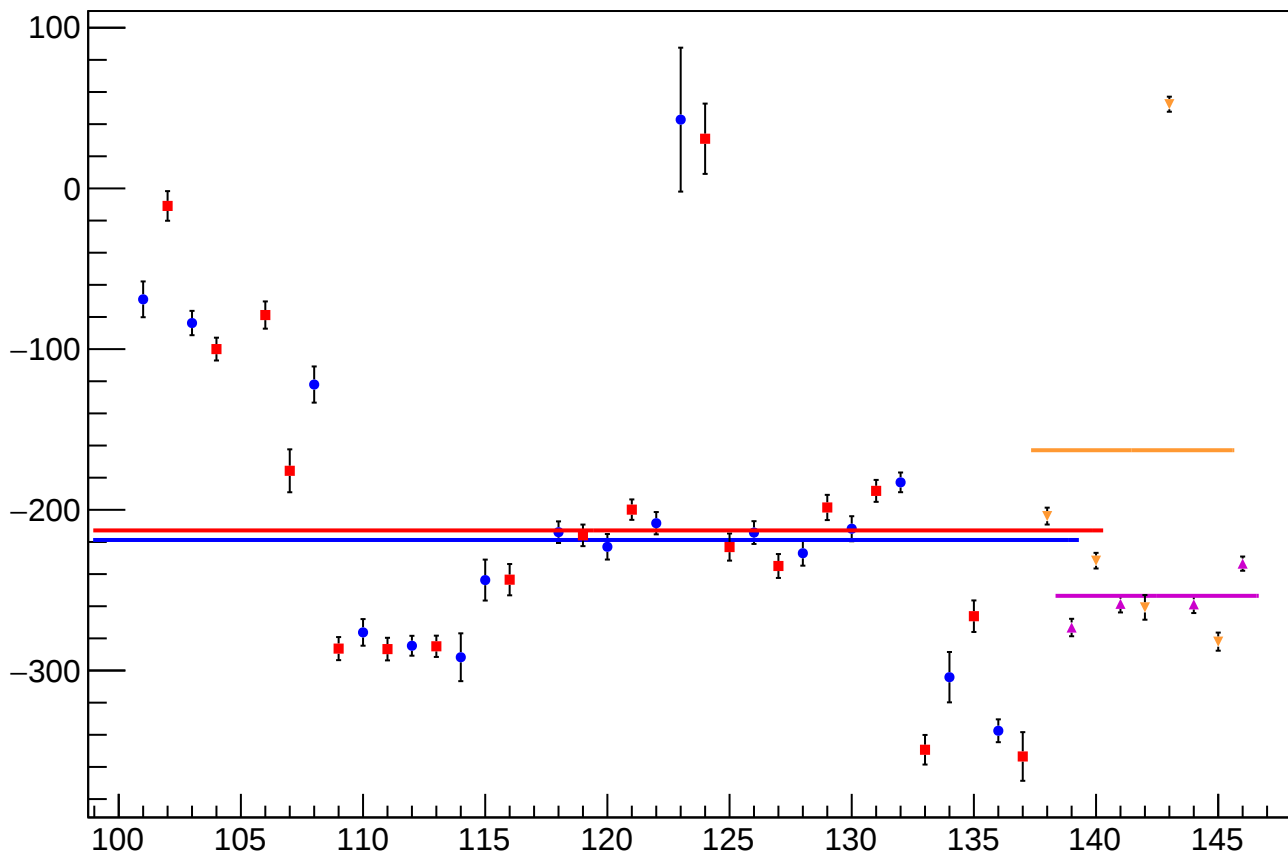
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 8.735 $\pm$ 0.914 χ^2 /NDF:424.0/20

Out: 9.819 $\pm$ 0.901 χ^2 /NDF:300.3/22

All: 9.284 $\pm$ 0.642 χ^2 /NDF: 725.0/43

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: -162.920 ± 2.408 $\chi^2/\text{NDF}: 2978.7/4$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -253.521 ± 2.547 $\chi^2/\text{NDF}: 35.6/3$

Left: -205.681 ± 1.750 $\chi^2/\text{NDF}: 3682.3/8$

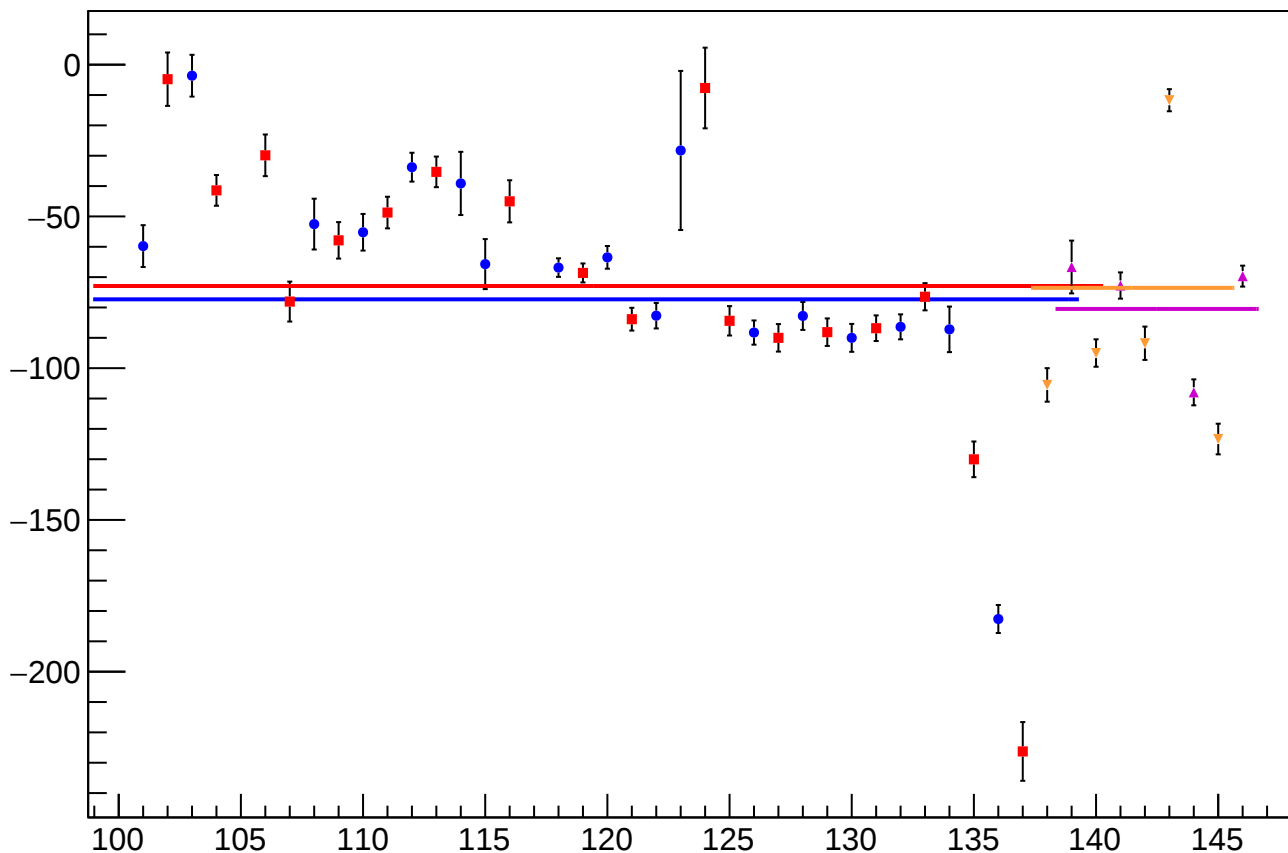
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -232.106 ± 1.578 $\chi^2/\text{NDF}: 1294.7/20$

Out: -193.349 ± 1.504 $\chi^2/\text{NDF}: 5065.0/22$

All: -211.801 ± 1.089 $\chi^2/\text{NDF}: 6675.7/43$

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: -73.527 ± 2.088 χ^2/NDF : 452.5/4

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -80.479 ± 2.207 χ^2/NDF : 56.8/3

Left: -76.810 ± 1.517 χ^2/NDF : 514.6/8

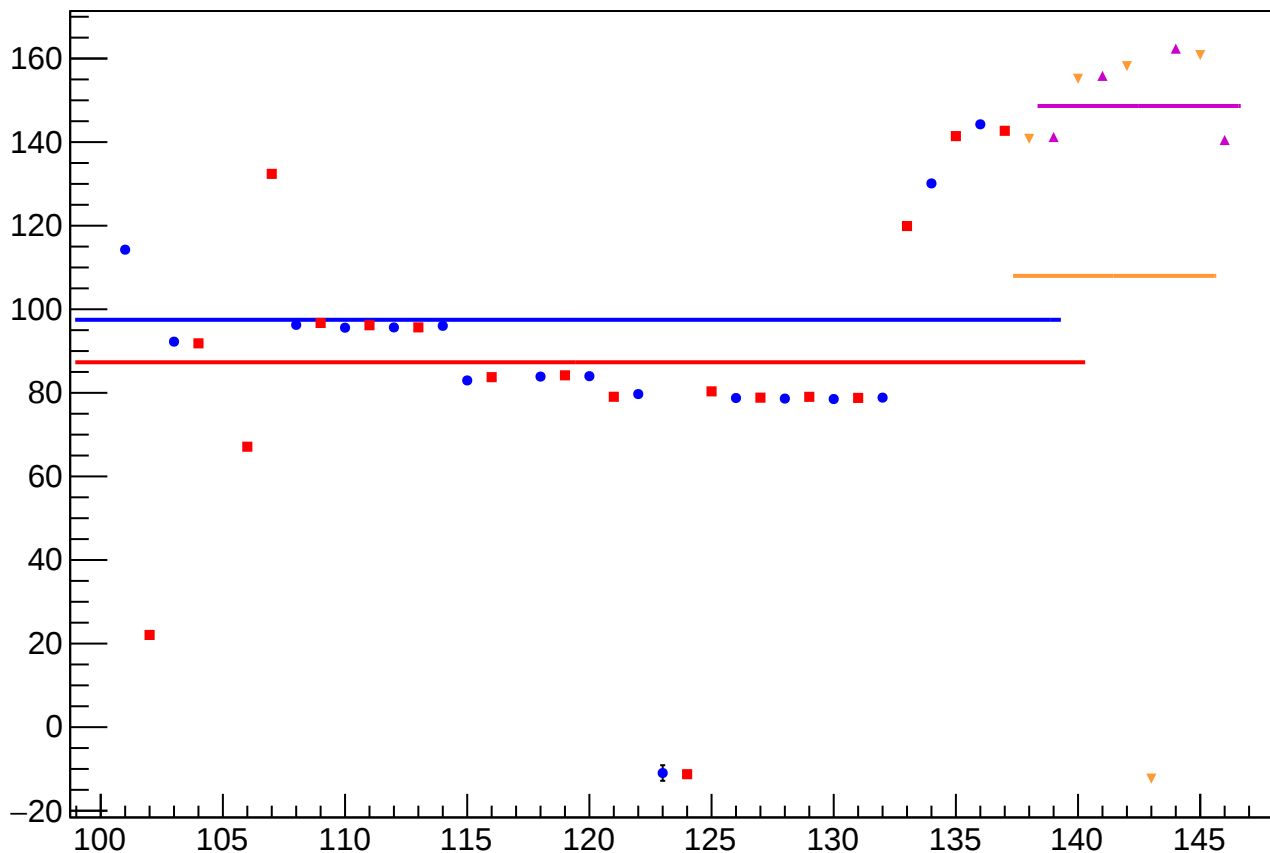
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -78.061 ± 1.069 χ^2/NDF : 876.1/20

Out: -73.074 ± 1.045 χ^2/NDF : 1113.4/22

All: -75.512 ± 0.747 χ^2/NDF : 2000.6/43

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: 107.996+/-0.098 χ^2/NDF : 565645.2/4

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 148.647+/-0.105 χ^2/NDF : 7569.7/3

Left: 126.896+/-0.072 χ^2/NDF : 653226.3/8

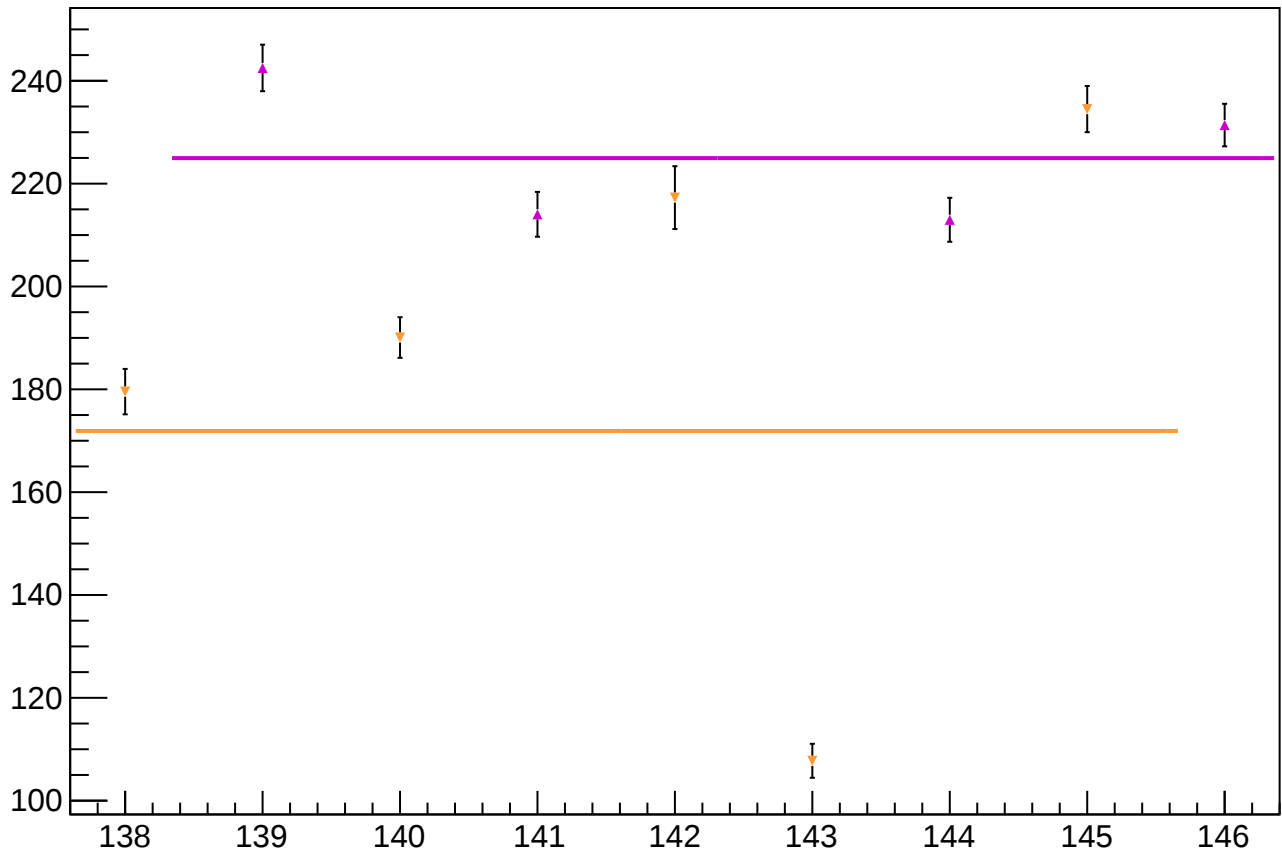
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 114.241+/-0.060 χ^2/NDF : 261258.7/20

Out: 94.084+/-0.056 χ^2/NDF : 817465.0/22

All: 103.451+/-0.041 χ^2/NDF : 1138813.8/43

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: 171.899+/-1.880 χ^2/NDF : 649.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 224.966+/-2.159 χ^2/NDF : 31.6/3

Left: 194.782+/-1.418 χ^2/NDF : 1024.9/8

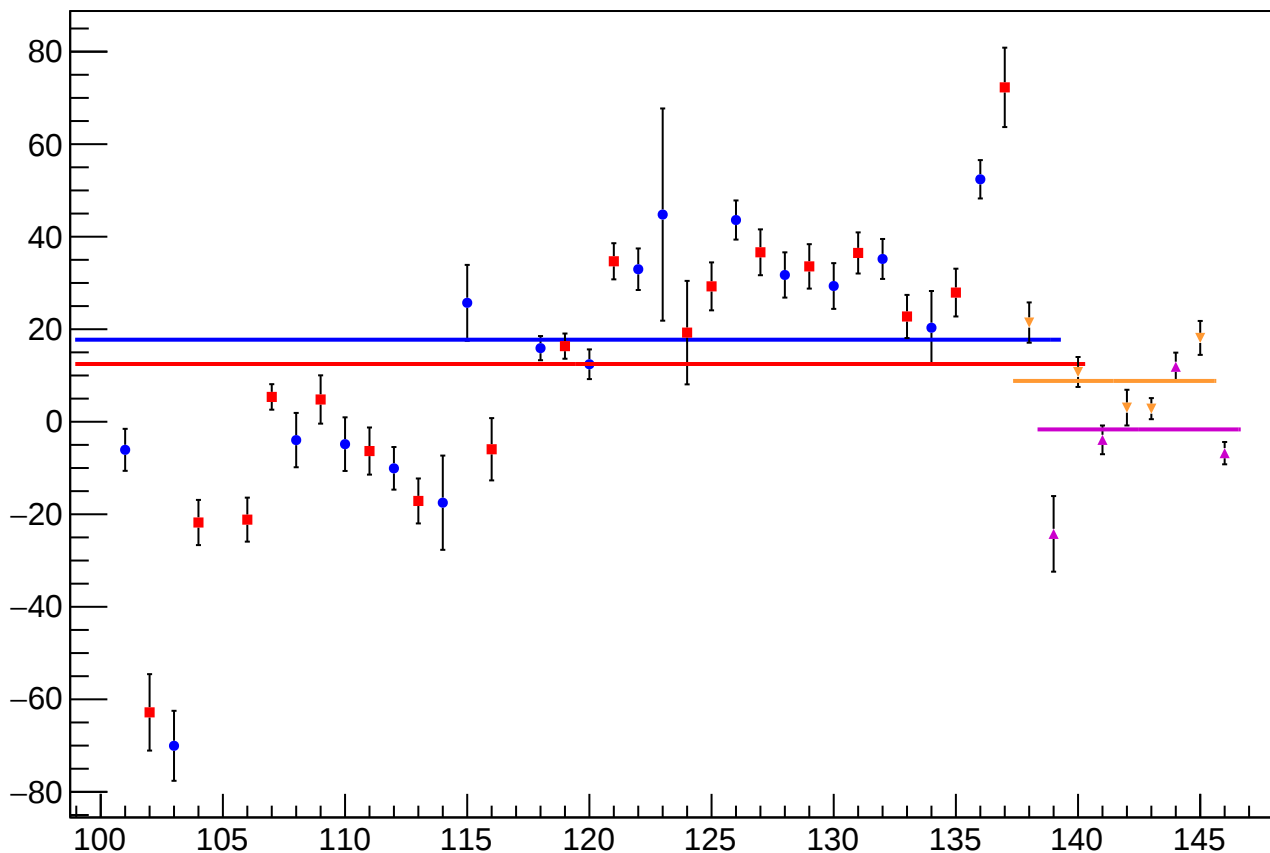
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 224.966+/-2.159 χ^2/NDF : 31.6/3

Out: 171.899+/-1.880 χ^2/NDF : 649.7/4

All: 194.782+/-1.418 χ^2/NDF : 1024.9/8

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 8.824 ± 1.440 $\chi^2/\text{NDF}: 24.3/4$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -1.656 ± 1.585 $\chi^2/\text{NDF}: 32.4/3$

Left: 4.087 ± 1.066 $\chi^2/\text{NDF}: 80.6/8$

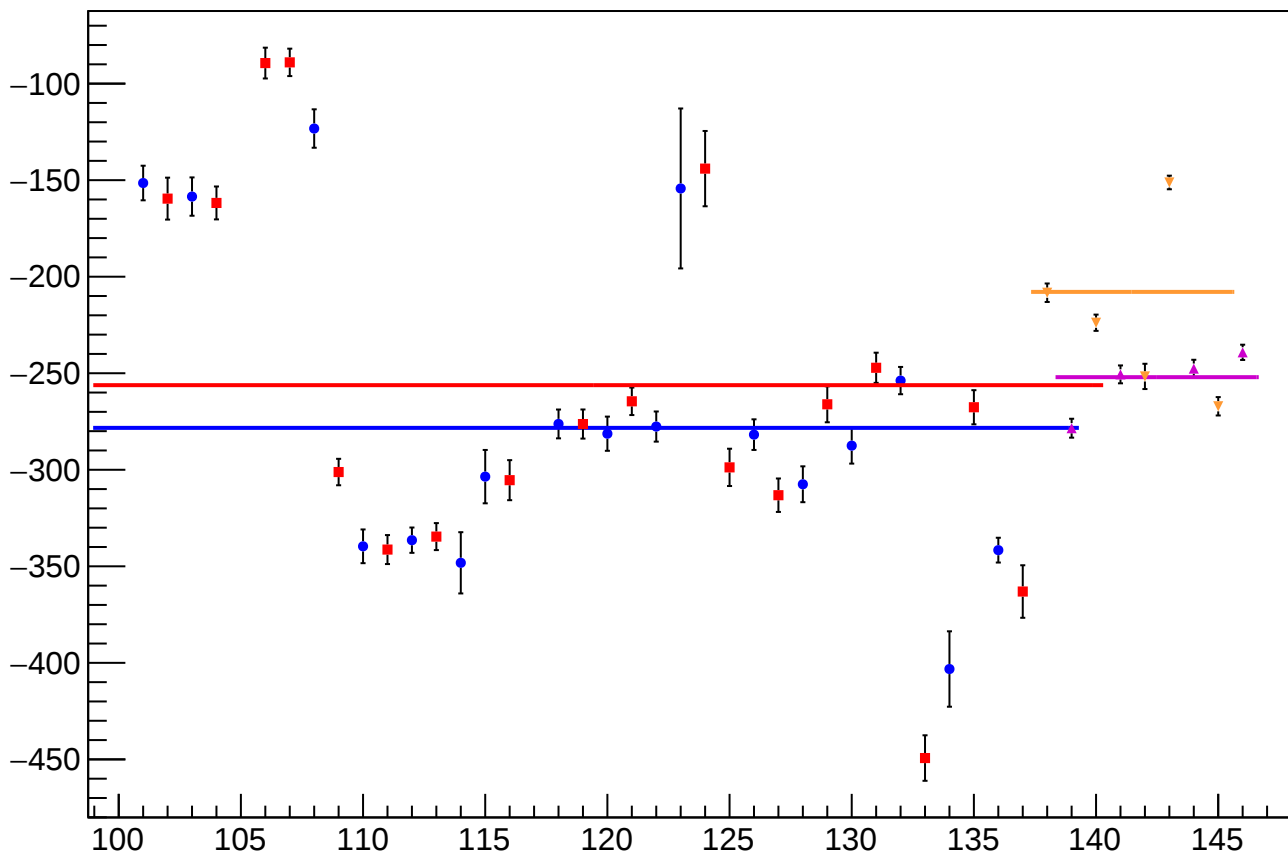
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 11.062 ± 0.930 $\chi^2/\text{NDF}: 524.5/20$

Out: 11.158 ± 0.867 $\chi^2/\text{NDF}: 457.6/22$

All: 11.114 ± 0.634 $\chi^2/\text{NDF}: 982.1/43$

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: -207.866+/-2.008 χ^2/NDF :472.5/4

Right Out: -256.177+/-2.025 χ^2/NDF : 1952.2/17

Left In: -252.035+/-2.236 χ^2/NDF :40.7/3

Left: -227.581+/-1.494 χ^2/NDF : 729.1/8

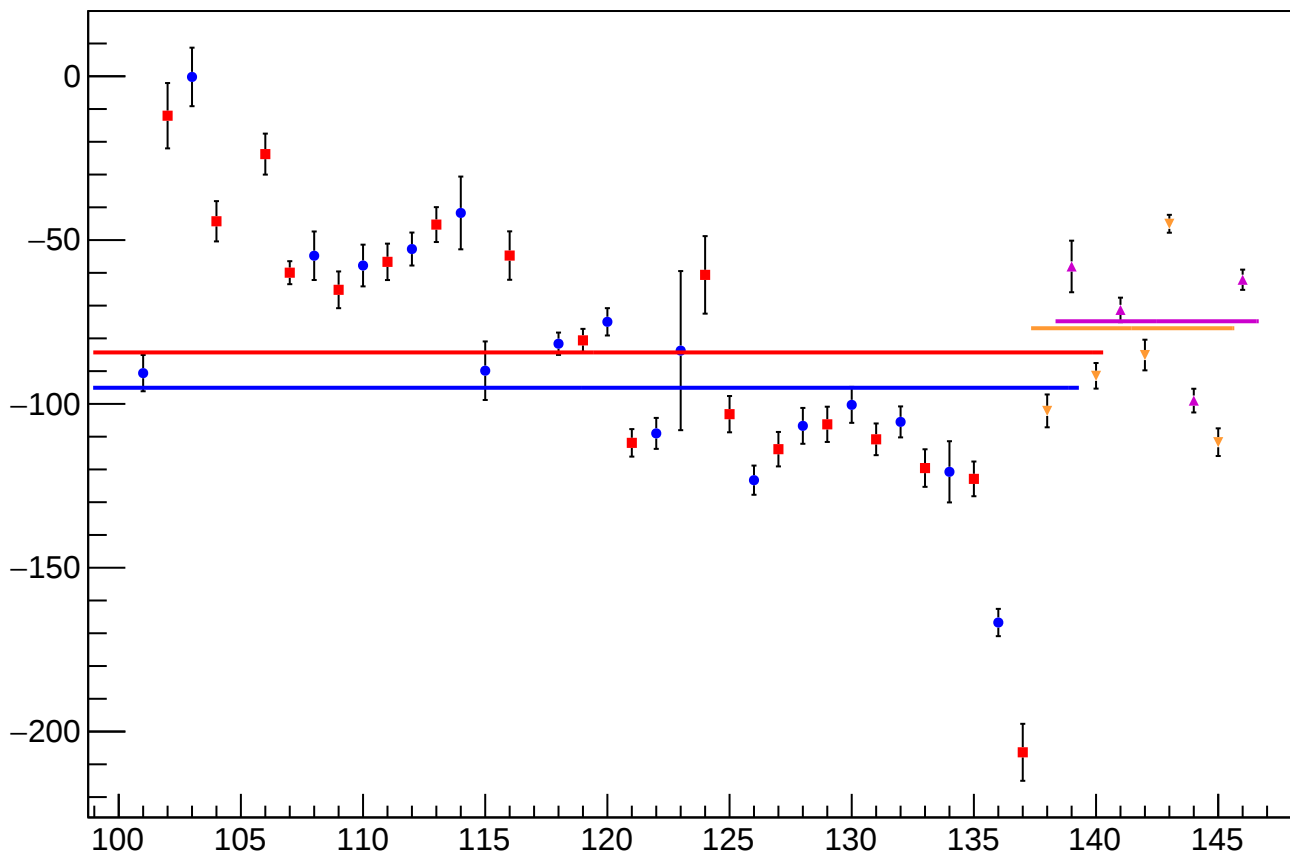
Right: -266.460+/-1.481 χ^2/NDF : 2917.6/34

In: -265.547+/-1.558 χ^2/NDF :1021.6/20

Out: -231.821+/-1.426 χ^2/NDF :2711.7/22

All: -247.191+/-1.052 χ^2/NDF : 3988.3/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -76.906 ± 1.712 χ^2/NDF : 246.4/4

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -74.778 ± 1.928 χ^2/NDF : 67.0/3

Left: -75.968 ± 1.280 χ^2/NDF : 314.1/8

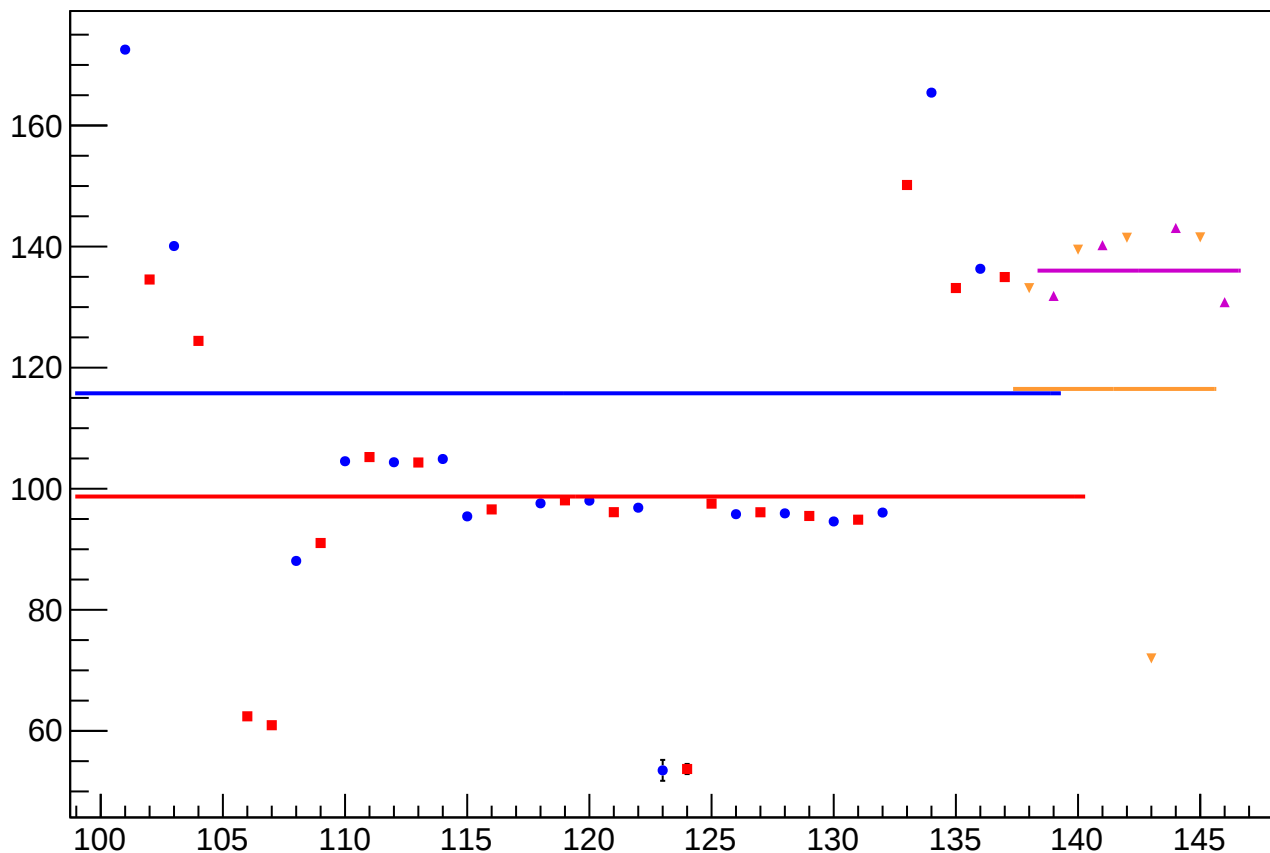
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -88.560 ± 1.092 χ^2/NDF : 815.5/20

Out: -81.699 ± 1.014 χ^2/NDF : 1027.3/22

All: -84.875 ± 0.743 χ^2/NDF : 1864.0/43

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: 116.484 $\pm$ 0.082 χ^2 /NDF:148608.2/4

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 136.027 $\pm$ 0.093 χ^2 /NDF:3144.2/3

Left: 125.048 $\pm$ 0.061 χ^2 /NDF: 176816.5/8

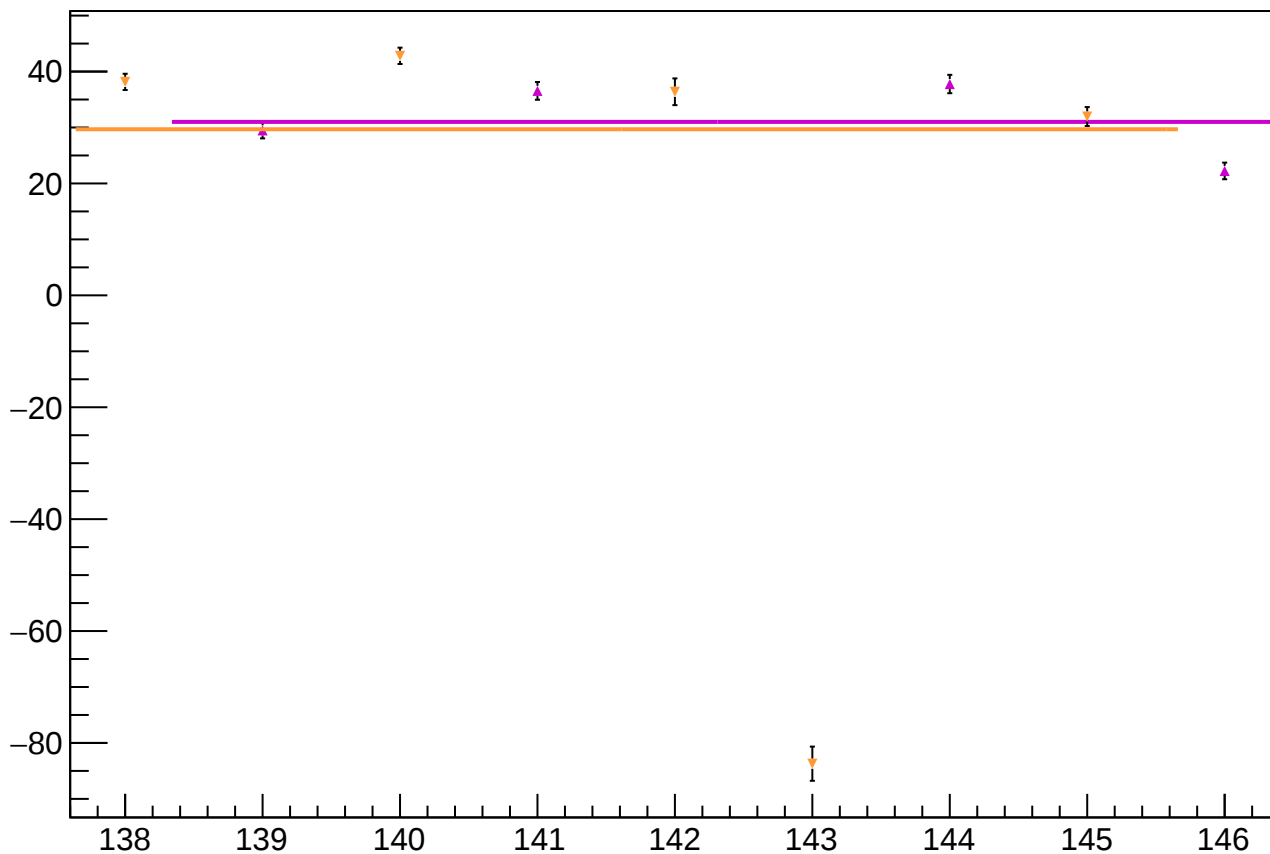
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 124.192 $\pm$ 0.060 χ^2 /NDF:137456.9/20

Out: 106.074 $\pm$ 0.053 χ^2 /NDF:346498.7/22

All: 113.994 $\pm$ 0.039 χ^2 /NDF: 535845.4/43

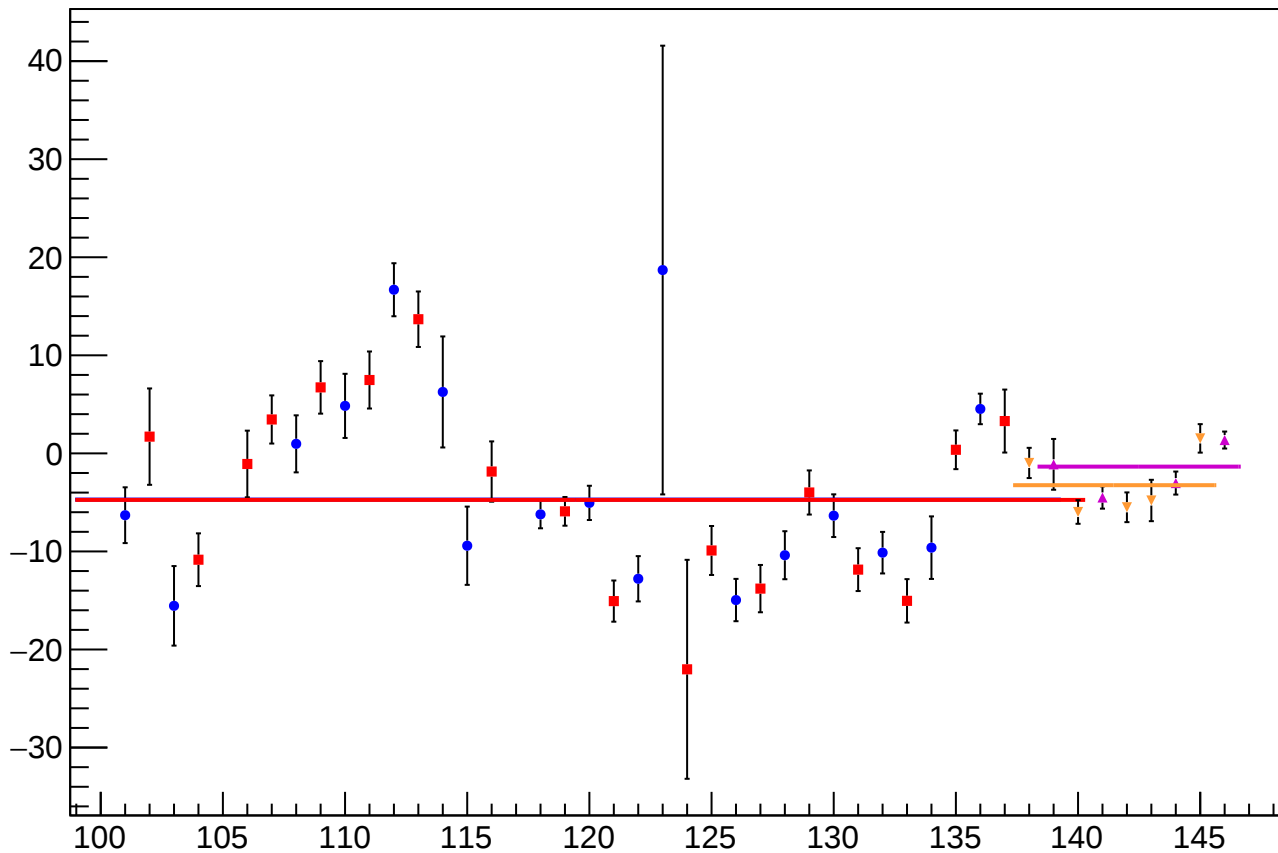
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 29.685+/-0.797 χ^2/NDF :1501.7/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 31.000+/-0.765 χ^2/NDF :65.1/3

Left: 30.370+/-0.552 χ^2/NDF : 1568.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 31.000+/-0.765 χ^2/NDF :65.1/3
 Out: 29.685+/-0.797 χ^2/NDF :1501.7/4
 All: 30.370+/-0.552 χ^2/NDF : 1568.2/8

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -3.244 ± 0.667 χ^2/NDF : 20.9/4

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -1.351 ± 0.579 χ^2/NDF : 19.5/3

Left: -2.165 ± 0.438 χ^2/NDF : 45.0/8

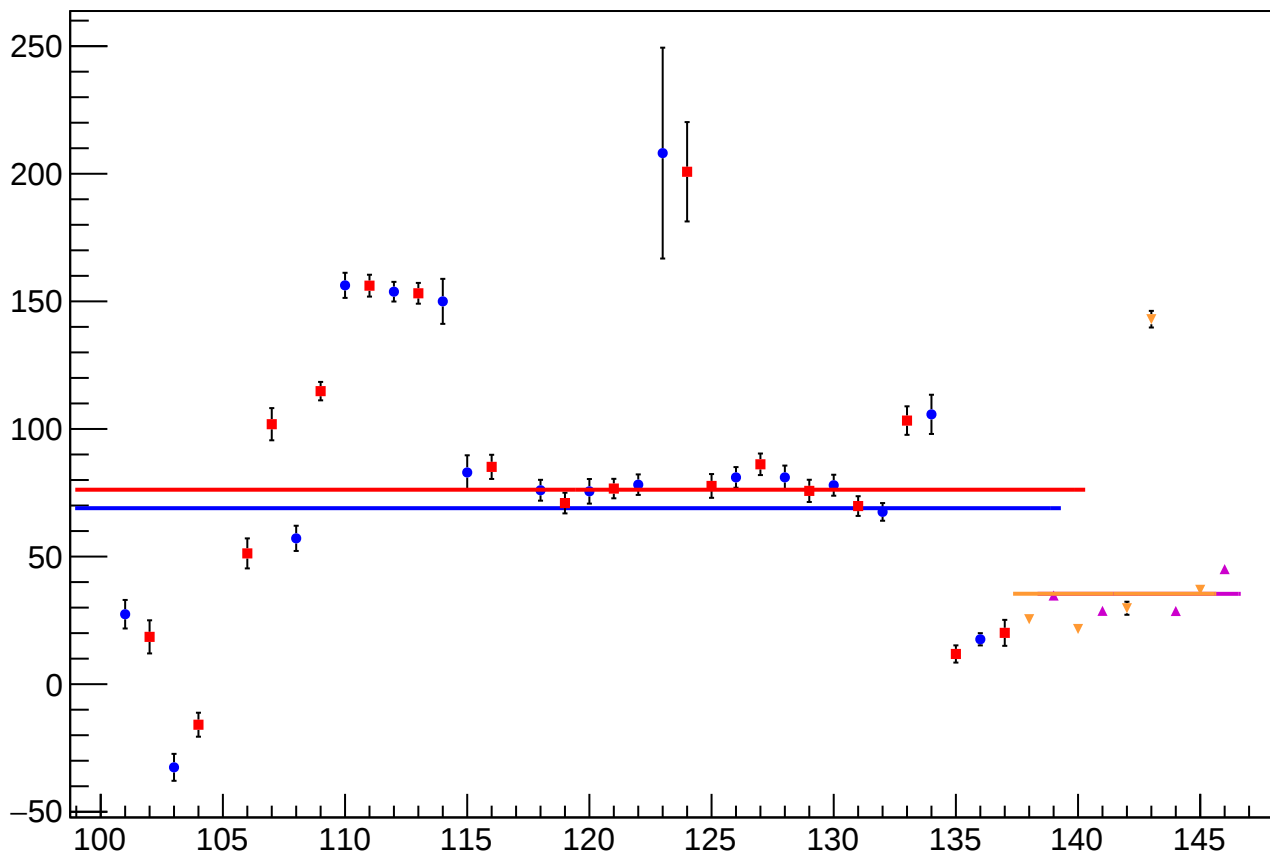
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -3.028 ± 0.410 χ^2/NDF : 211.0/20

Out: -4.092 ± 0.440 χ^2/NDF : 213.0/22

All: -3.523 ± 0.300 χ^2/NDF : 427.1/43

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: 35.438 $\pm$ 0.850 χ^2 /NDF:1214.4/4

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 35.401 $\pm$ 0.794 χ^2 /NDF:76.8/3

Left: 35.418 $\pm$ 0.580 χ^2 /NDF: 1291.2/8

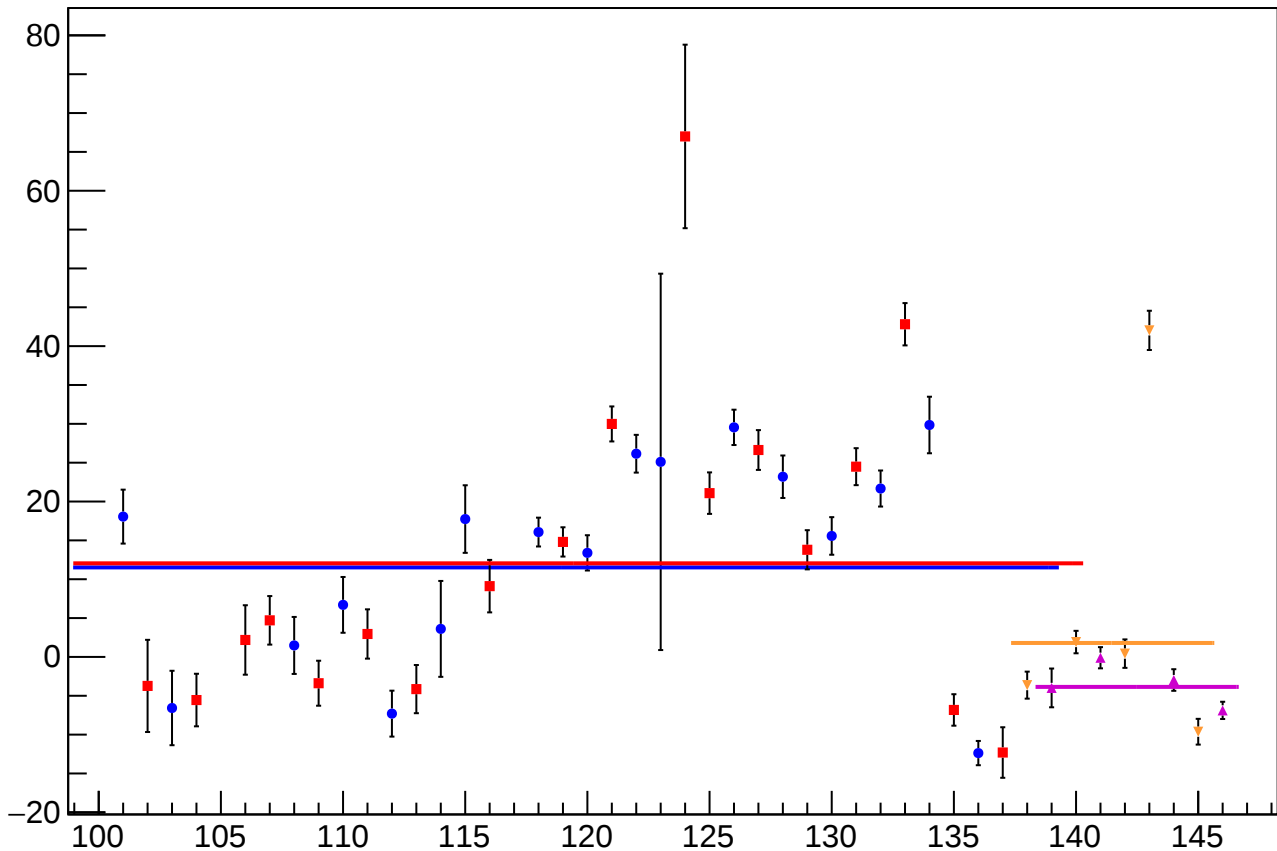
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 47.190 $\pm$ 0.639 χ^2 /NDF:2548.4/20

Out: 51.202 $\pm$ 0.666 χ^2 /NDF:3983.7/22

All: 49.114 $\pm$ 0.461 χ^2 /NDF: 6551.0/43

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 1.798+/-0.784 χ^2/NDF : 311.7/4

Right Out: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: -3.857+/-0.702 χ^2/NDF : 15.4/3

Left: -1.337+/-0.523 χ^2/NDF : 355.9/8

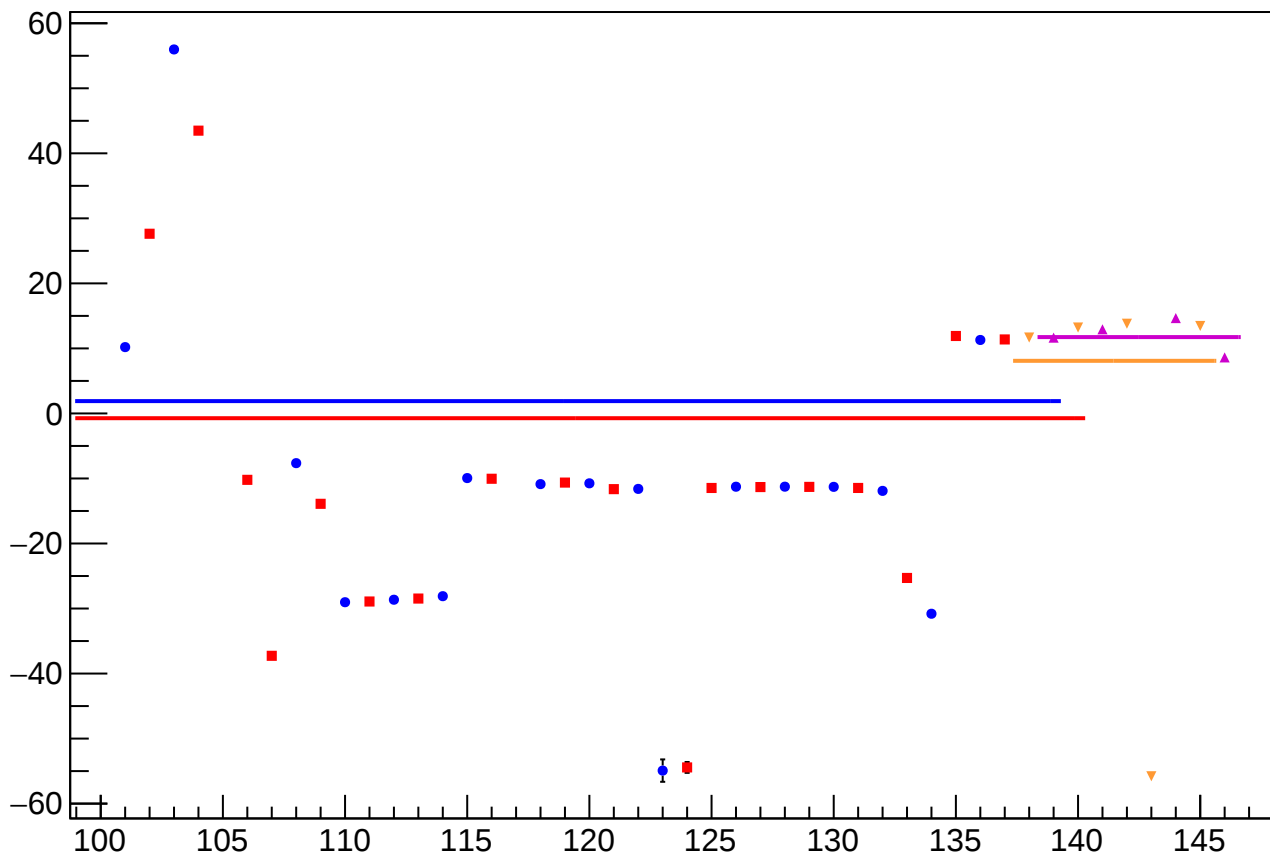
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 4.313+/-0.481 χ^2/NDF : 747.2/20

Out: 7.759+/-0.507 χ^2/NDF : 949.9/22

All: 5.946+/-0.349 χ^2/NDF : 1721.4/43

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 8.091 $\pm$ 0.034 χ^2 /NDF:255953.5/4

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 11.740 $\pm$ 0.032 χ^2 /NDF:4030.0/3

Left: 10.025 $\pm$ 0.024 χ^2 /NDF: 265945.4/8

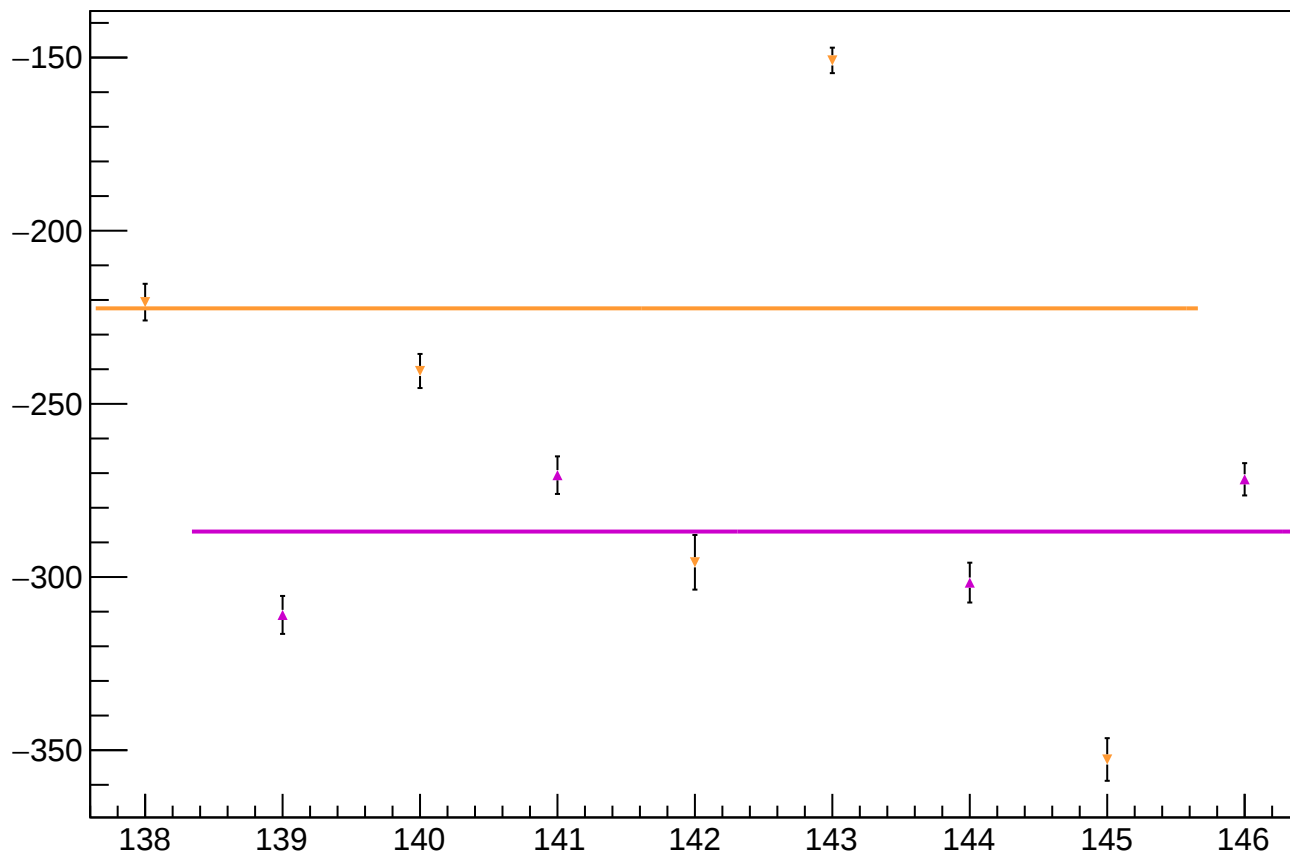
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 7.473 $\pm$ 0.024 χ^2 /NDF:402895.1/20

Out: 4.012 $\pm$ 0.025 χ^2 /NDF:646281.9/22

All: 5.801 $\pm$ 0.018 χ^2 /NDF: 1058903.0/43

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: -222.422+/-2.274 χ^2/NDF : 927.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -286.871+/-2.640 χ^2/NDF : 45.3/3

Left: -249.865+/-1.723 χ^2/NDF : 1314.6/8

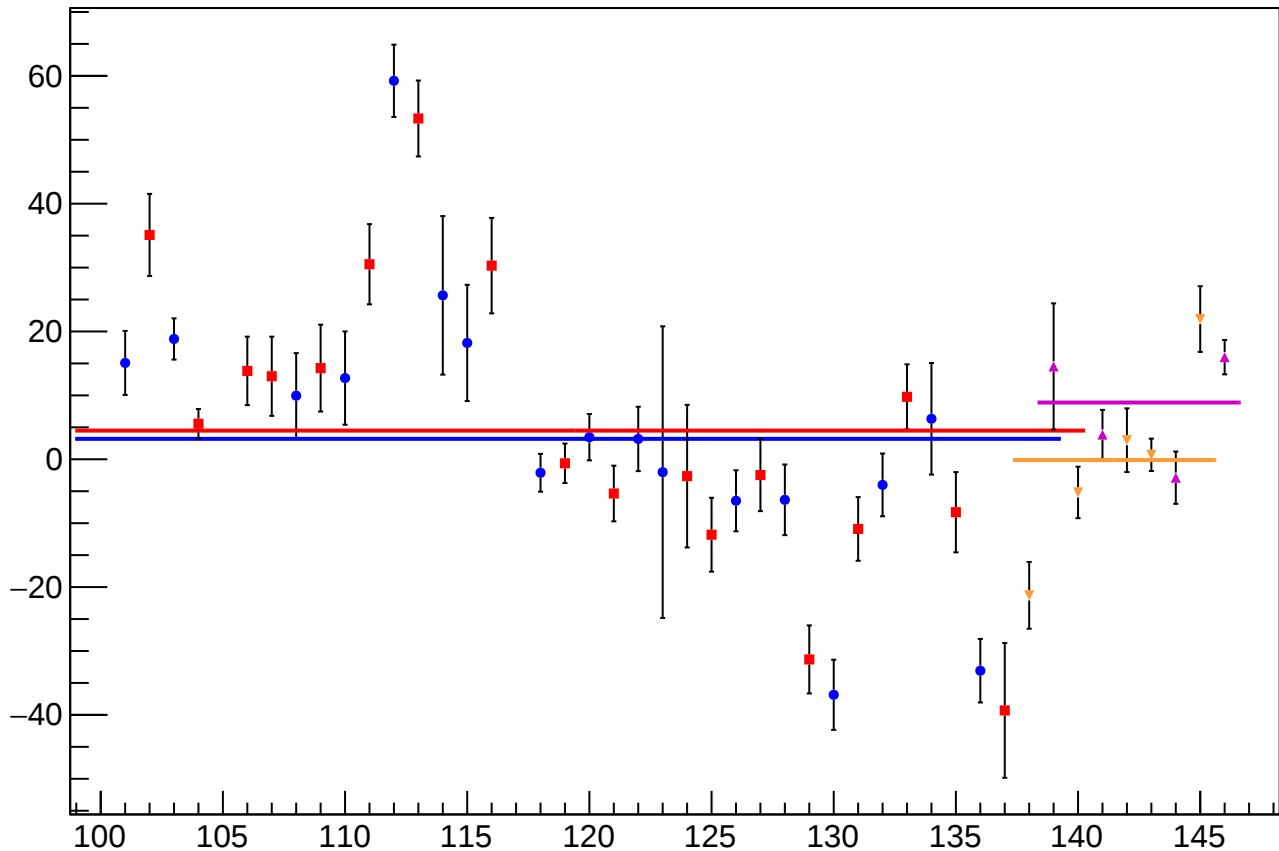
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -286.871+/-2.640 χ^2/NDF : 45.3/3

Out: -222.422+/-2.274 χ^2/NDF : 927.1/4

All: -249.865+/-1.723 χ^2/NDF : 1314.6/8

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: -0.123 ± 1.734 χ^2/NDF : 36.9/4

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 8.883 ± 1.907 χ^2/NDF : 17.2/3

Left: 3.954 ± 1.283 χ^2/NDF : 66.3/8

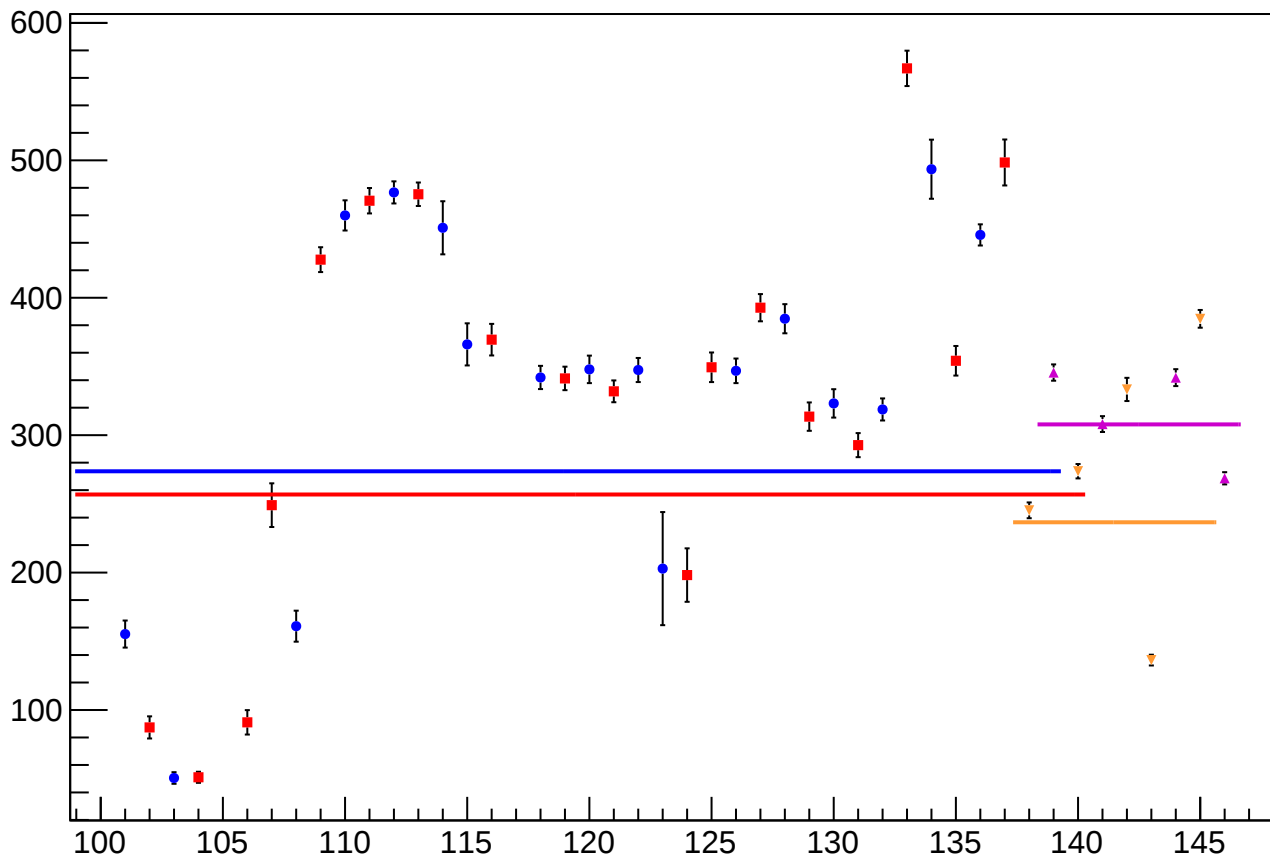
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 4.864 ± 1.032 χ^2/NDF : 278.7/20

Out: 3.066 ± 0.963 χ^2/NDF : 263.5/22

All: 3.903 ± 0.704 χ^2/NDF : 543.8/43

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: 236.609 $\pm$ 2.426 χ^2 /NDF:1363.9/4

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 307.835 $\pm$ 2.719 χ^2 /NDF:148.6/3

Left: 268.185 $\pm$ 1.810 χ^2 /NDF: 1894.5/8

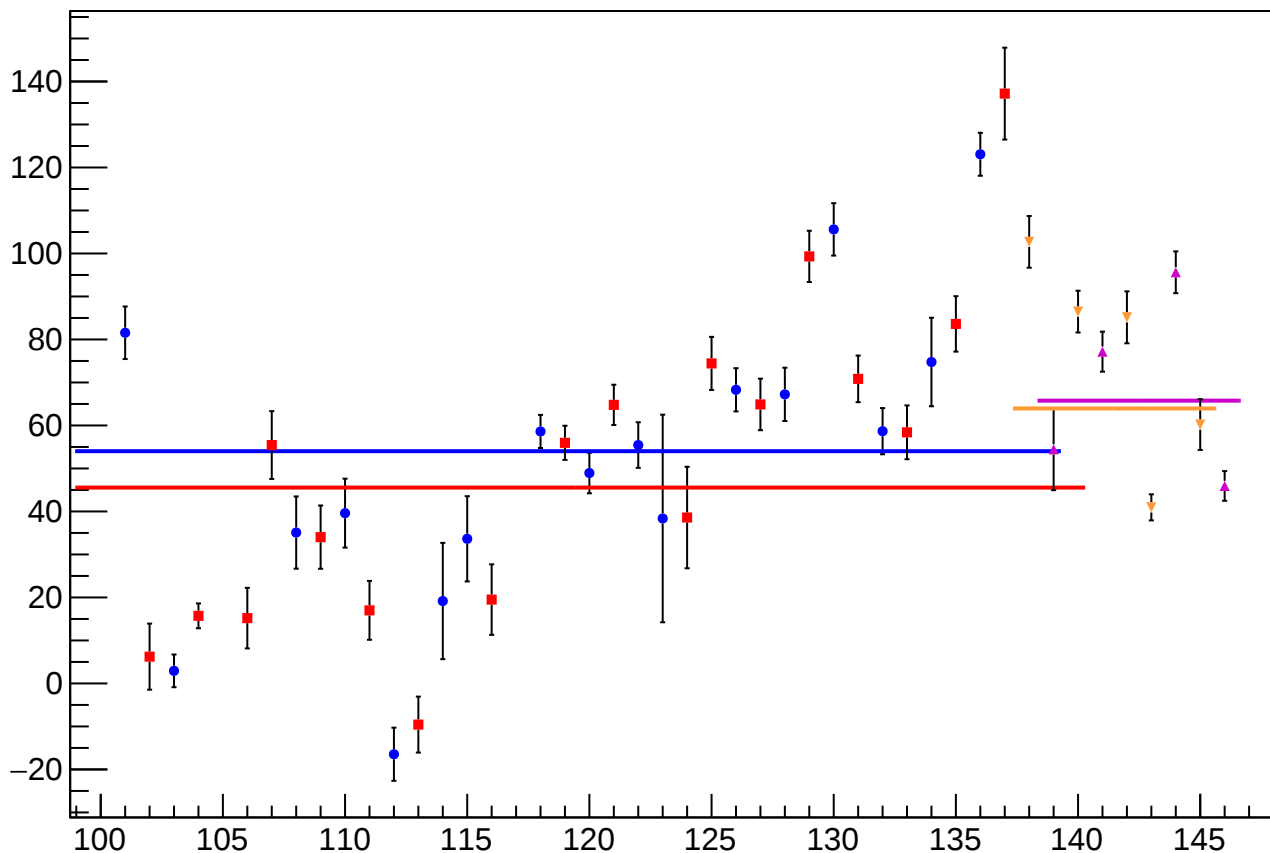
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 287.177 $\pm$ 1.708 χ^2 /NDF:5347.2/20

Out: 248.245 $\pm$ 1.581 χ^2 /NDF:7815.6/22

All: 266.210 $\pm$ 1.160 χ^2 /NDF: 13442.7/43

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: 63.953 $\pm$ 2.065 χ^2 /NDF:133.2/4

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 65.773 $\pm$ 2.334 χ^2 /NDF:78.2/3

Left: 64.752 $\pm$ 1.546 χ^2 /NDF: 211.7/8

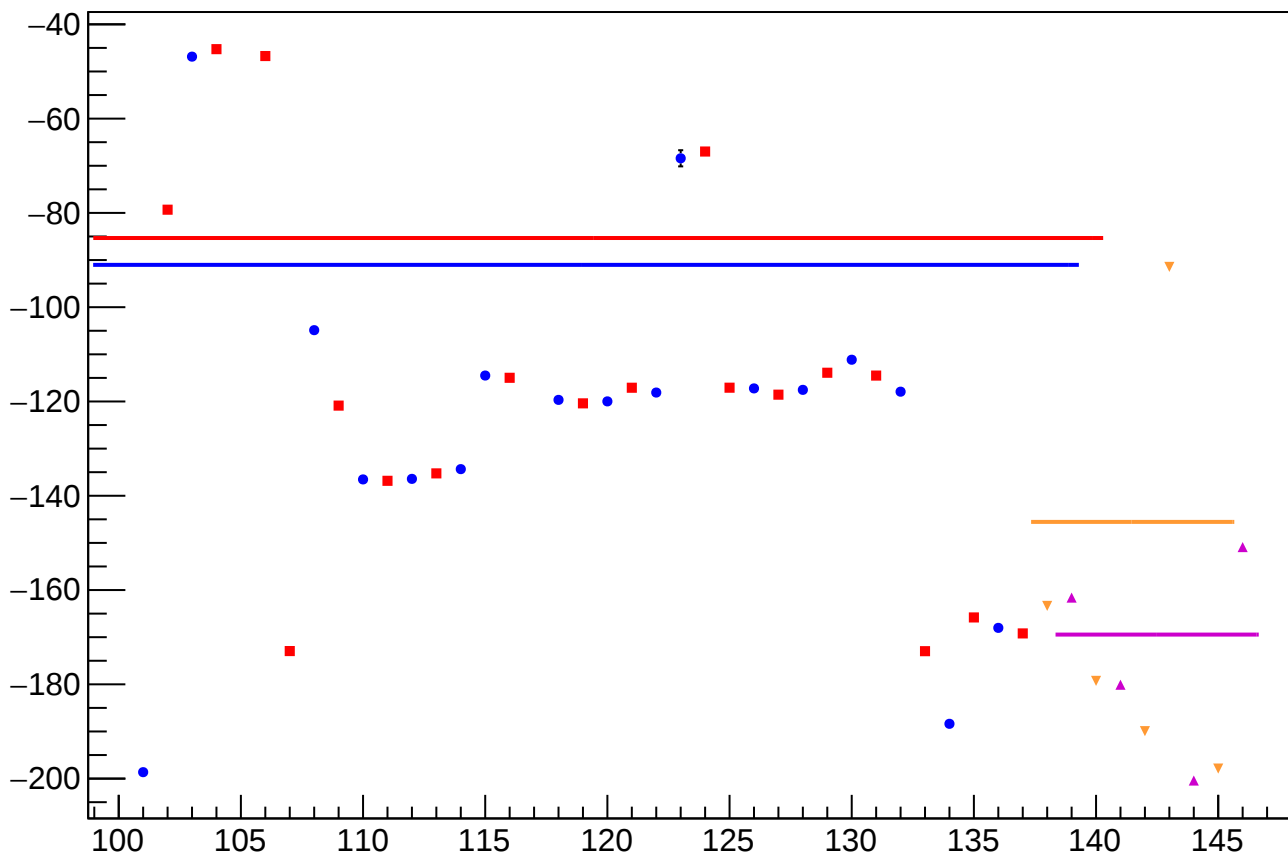
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.202 $\pm$ 1.215 χ^2 /NDF:729.6/20

Out: 51.112 $\pm$ 1.135 χ^2 /NDF:715.2/22

All: 53.949 $\pm$ 0.829 χ^2 /NDF: 1458.2/43

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: -145.544 ± 0.099 $\chi^2/\text{NDF}: 204399.2/4$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -169.448 ± 0.113 $\chi^2/\text{NDF}: 24875.0/3$

Left: -155.931 ± 0.074 $\chi^2/\text{NDF}: 254710.9/8$

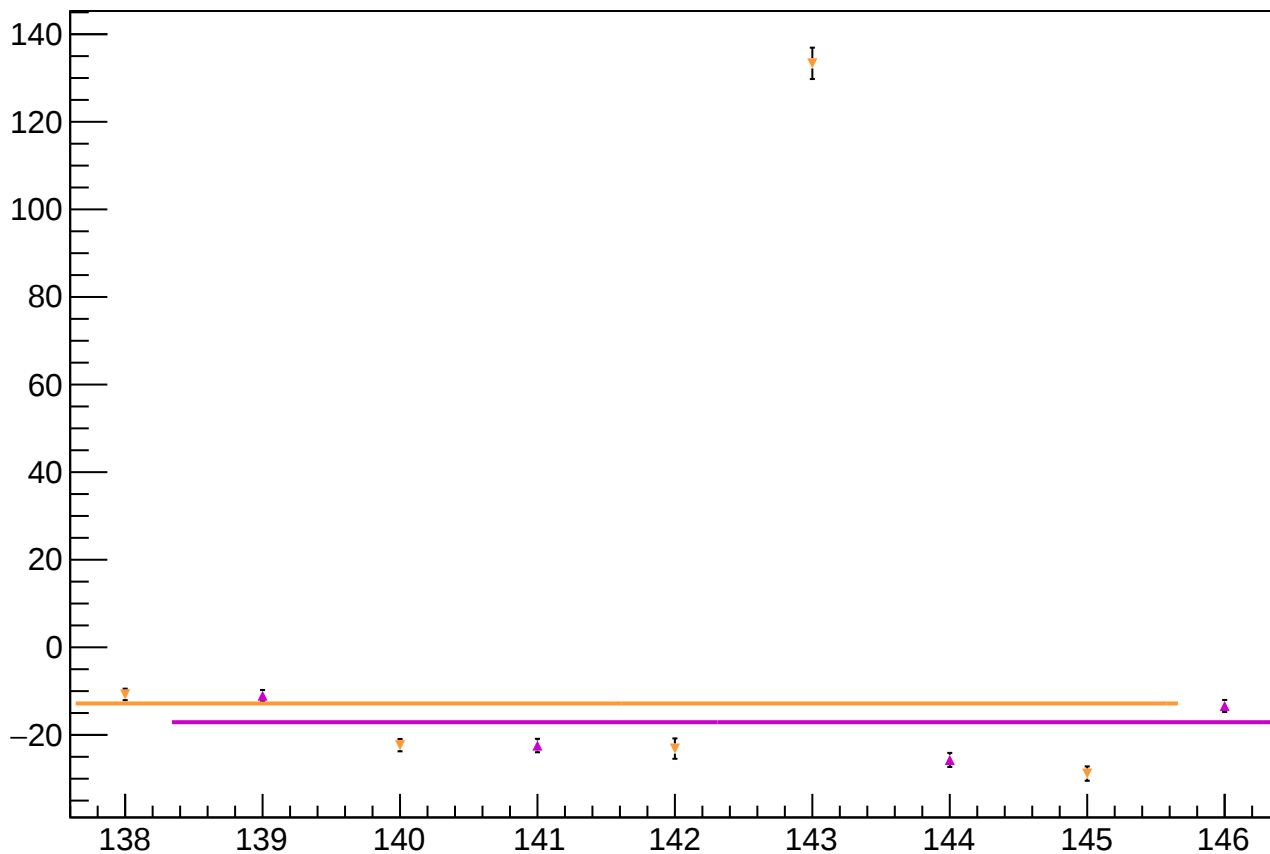
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -111.764 ± 0.058 $\chi^2/\text{NDF}: 915312.7/20$

Out: -103.580 ± 0.054 $\chi^2/\text{NDF}: 946397.1/22$

All: -107.412 ± 0.040 $\chi^2/\text{NDF}: 1872310.6/43$

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: -12.814+/-0.764 χ^2/NDF :1827.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.098+/-0.719 χ^2/NDF :69.9/3

Left: -15.086+/-0.523 χ^2/NDF : 1914.4/8

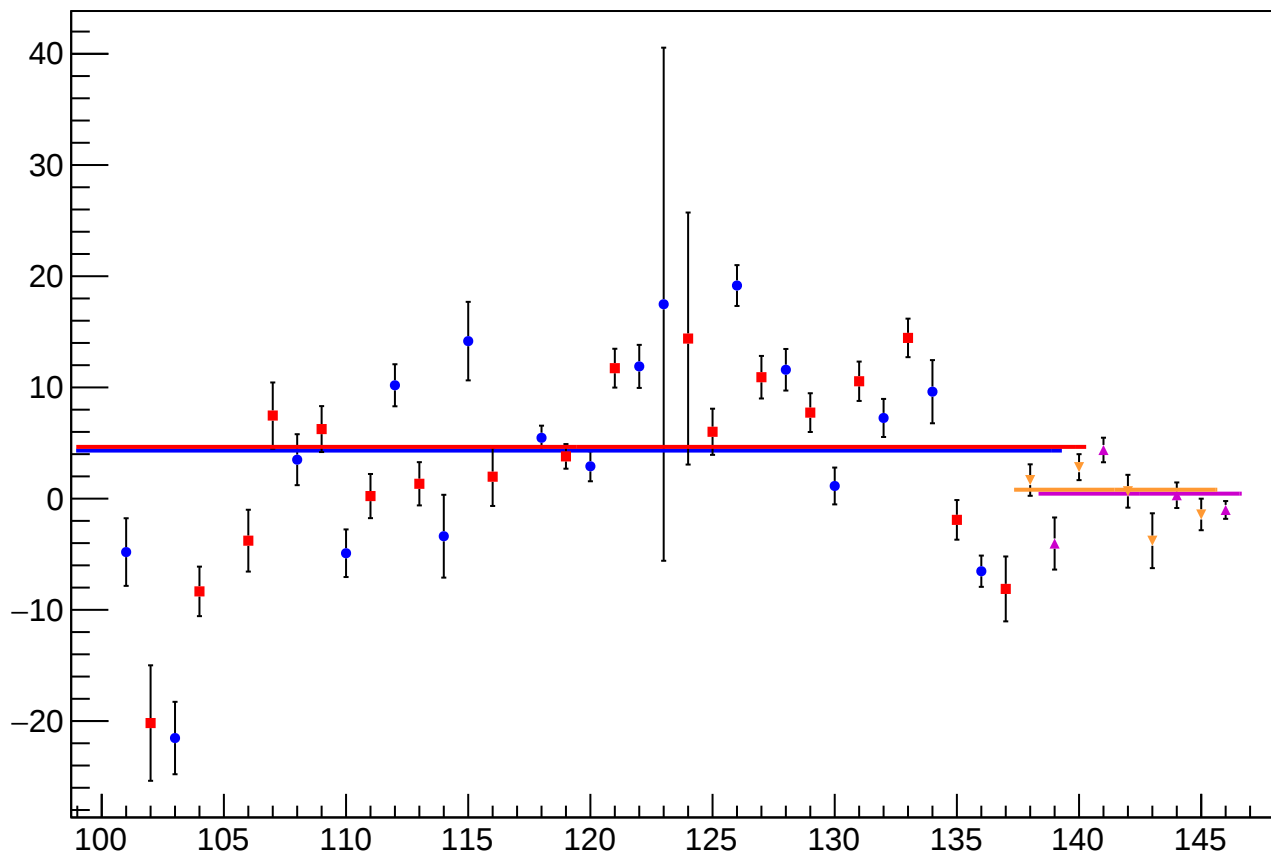
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.098+/-0.719 χ^2/NDF :69.9/3

Out: -12.814+/-0.764 χ^2/NDF :1827.8/4

All: -15.086+/-0.523 χ^2/NDF : 1914.4/8

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 0.802 ± 0.652 χ^2/NDF : 9.3/4

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 0.448 ± 0.549 χ^2/NDF : 19.7/3

Left: 0.595 ± 0.420 χ^2/NDF : 29.2/8

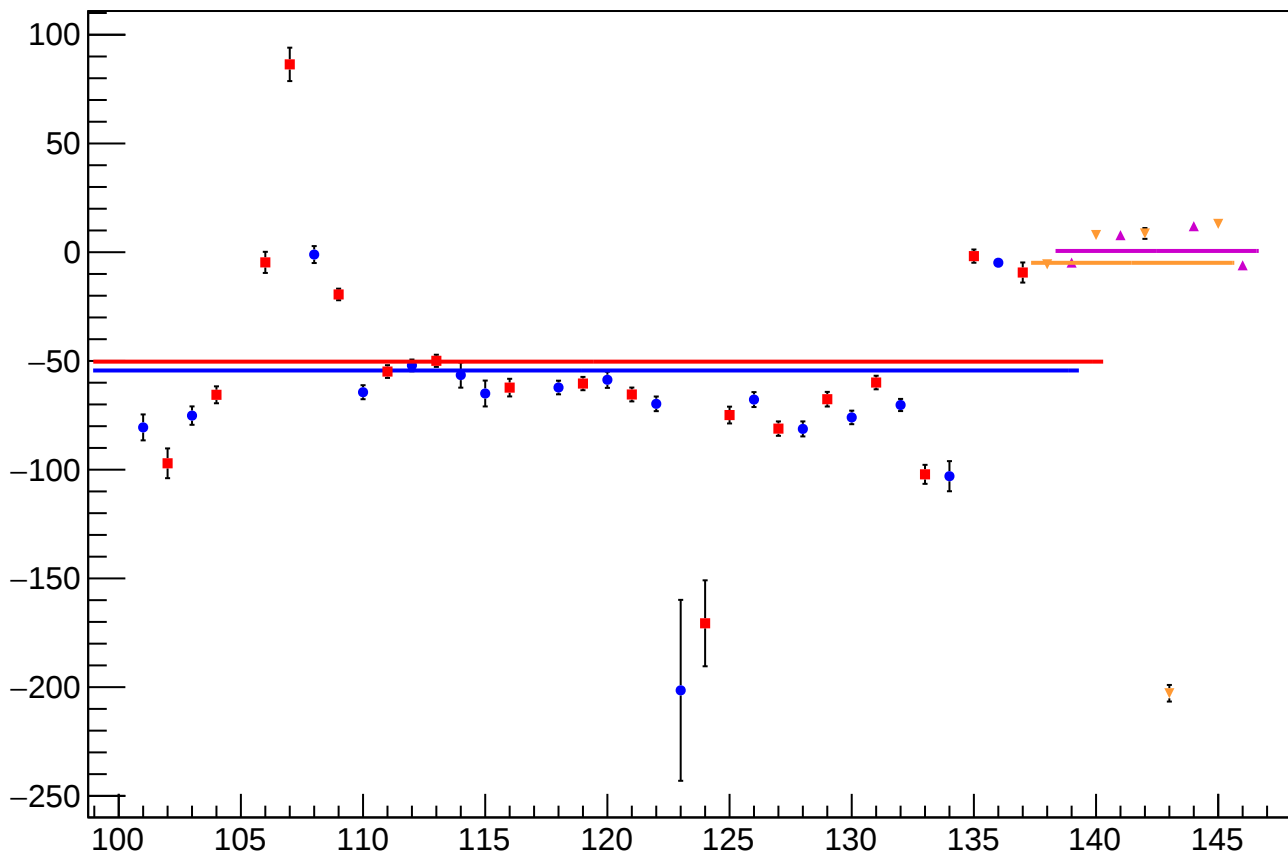
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 2.701 ± 0.355 χ^2/NDF : 329.0/20

Out: 3.321 ± 0.383 χ^2/NDF : 216.6/22

All: 2.987 ± 0.260 χ^2/NDF : 547.0/43

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: -4.873 ± 0.815 $\chi^2/\text{NDF}: 2896.5/4$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: 0.585 ± 0.745 $\chi^2/\text{NDF}: 103.3/3$

Left: -1.900 ± 0.550 $\chi^2/\text{NDF}: 3024.3/8$

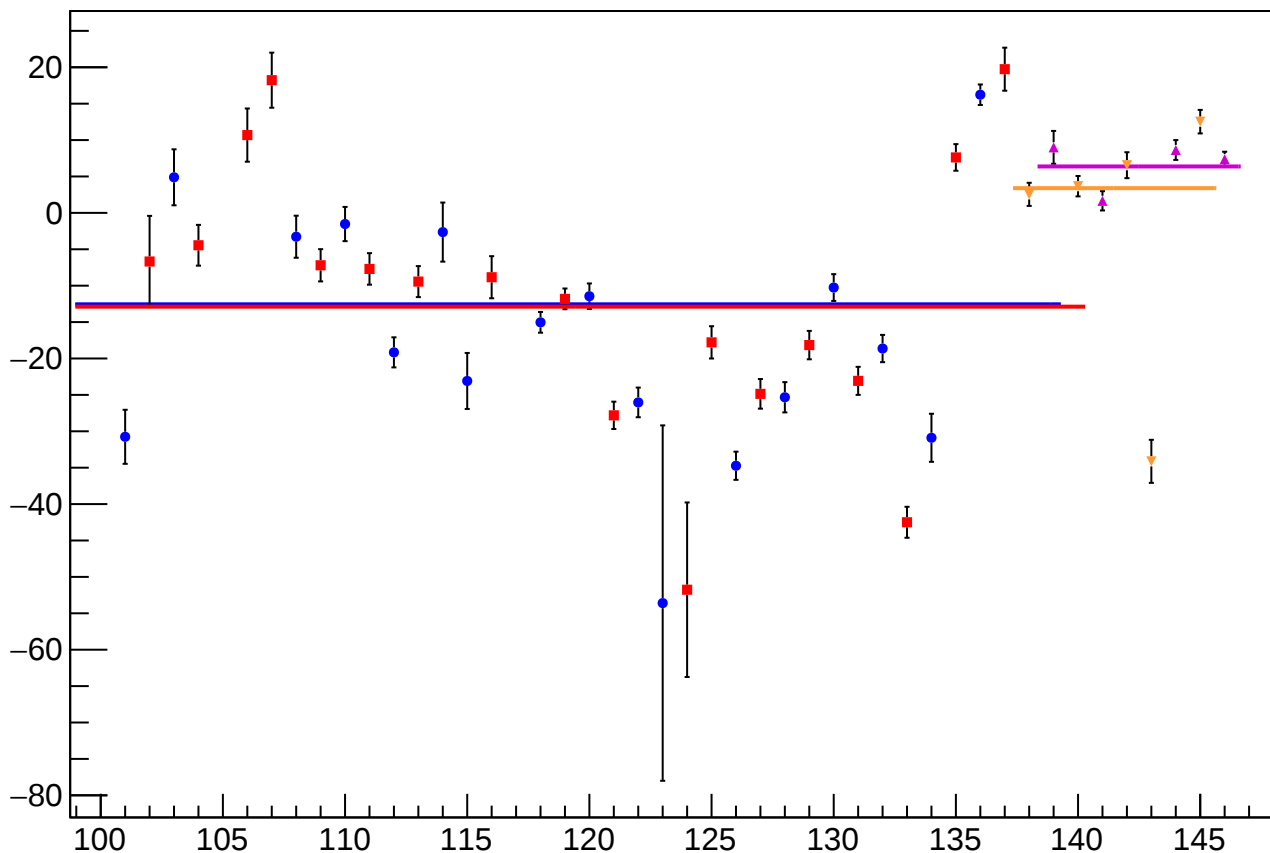
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -22.845 ± 0.564 $\chi^2/\text{NDF}: 3437.5/20$

Out: -26.420 ± 0.591 $\chi^2/\text{NDF}: 5689.8/22$

All: -24.550 ± 0.408 $\chi^2/\text{NDF}: 9146.4/43$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 $\pm$ 0.531 χ^2 /NDF: 779.5/16

Left Out: 3.394 $\pm$ 0.763 χ^2 /NDF:196.5/4

Right Out: -12.881 $\pm$ 0.538 χ^2 /NDF: 726.6/17

Left In: 6.375 $\pm$ 0.665 χ^2 /NDF:17.8/3

Left: 5.088 $\pm$ 0.501 χ^2 /NDF: 222.9/8

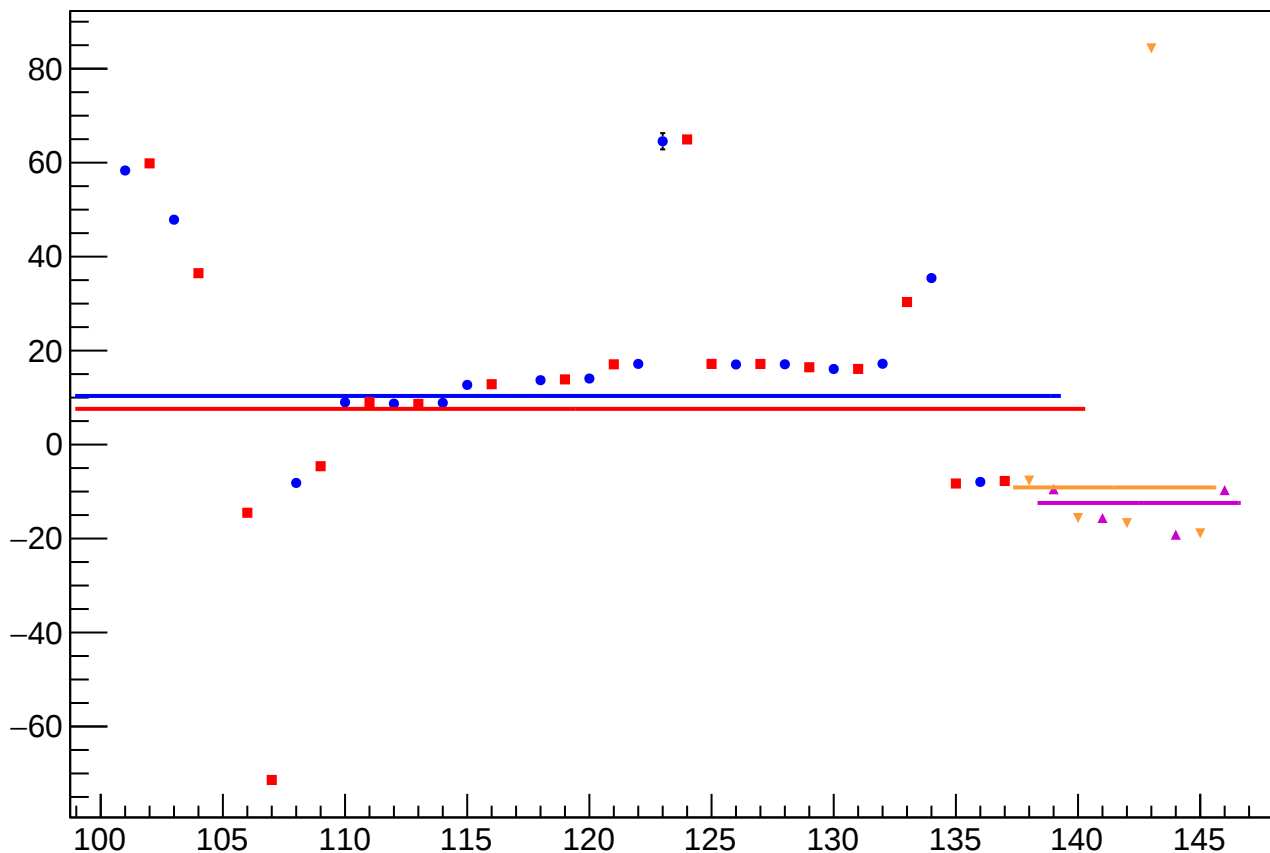
Right: -12.719 $\pm$ 0.378 χ^2 /NDF: 1506.3/34

In: -5.182 $\pm$ 0.415 χ^2 /NDF:1292.0/20

Out: -7.471 $\pm$ 0.440 χ^2 /NDF:1227.0/22

All: -6.261 $\pm$ 0.302 χ^2 /NDF: 2533.3/43

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: -9.122+/-0.033 χ^2/NDF :406941.1/4

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -12.422+/-0.030 χ^2/NDF :15938.4/3

Left: -10.907+/-0.022 χ^2/NDF : 428325.3/8

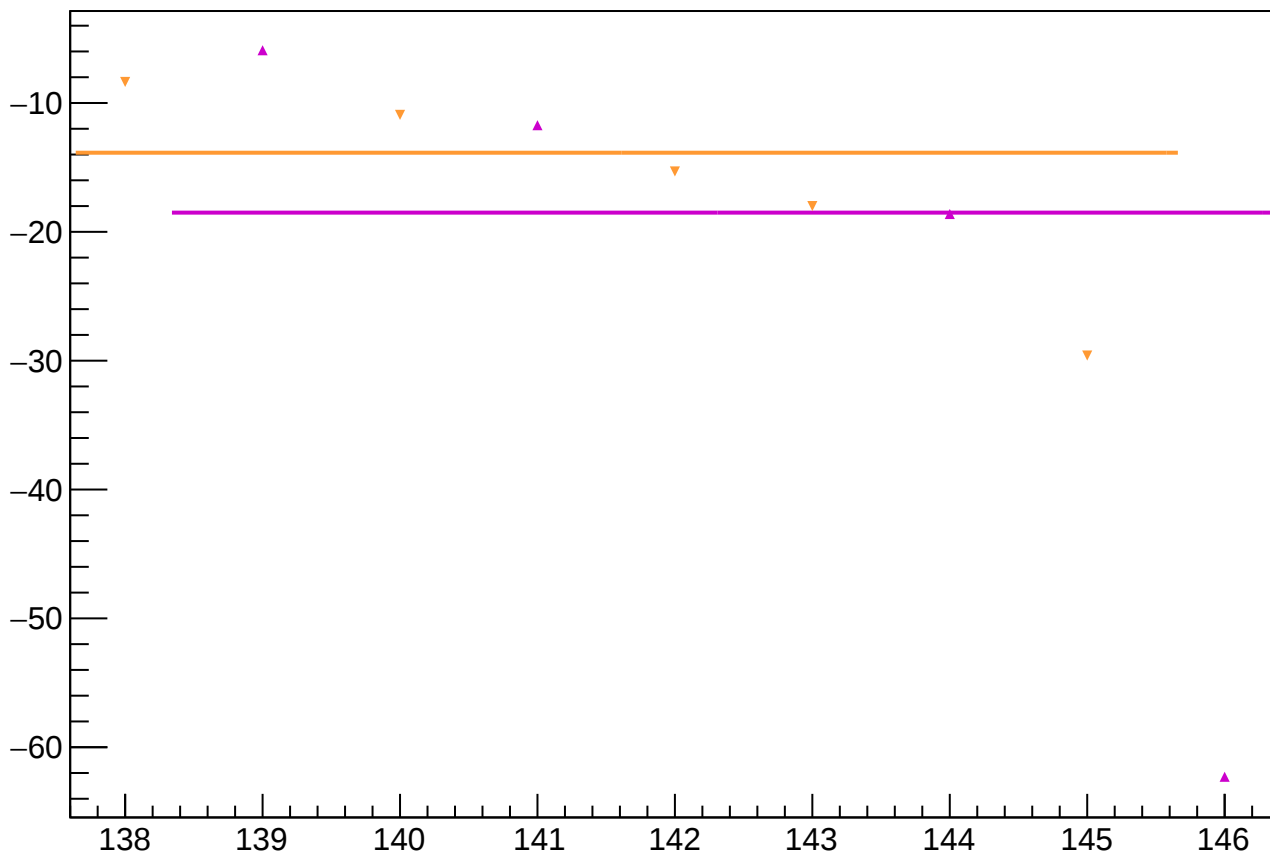
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -1.139+/-0.022 χ^2/NDF :676598.3/20

Out: -0.344+/-0.023 χ^2/NDF :1081100.5/22

All: -0.762+/-0.016 χ^2/NDF : 1758346.2/43

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



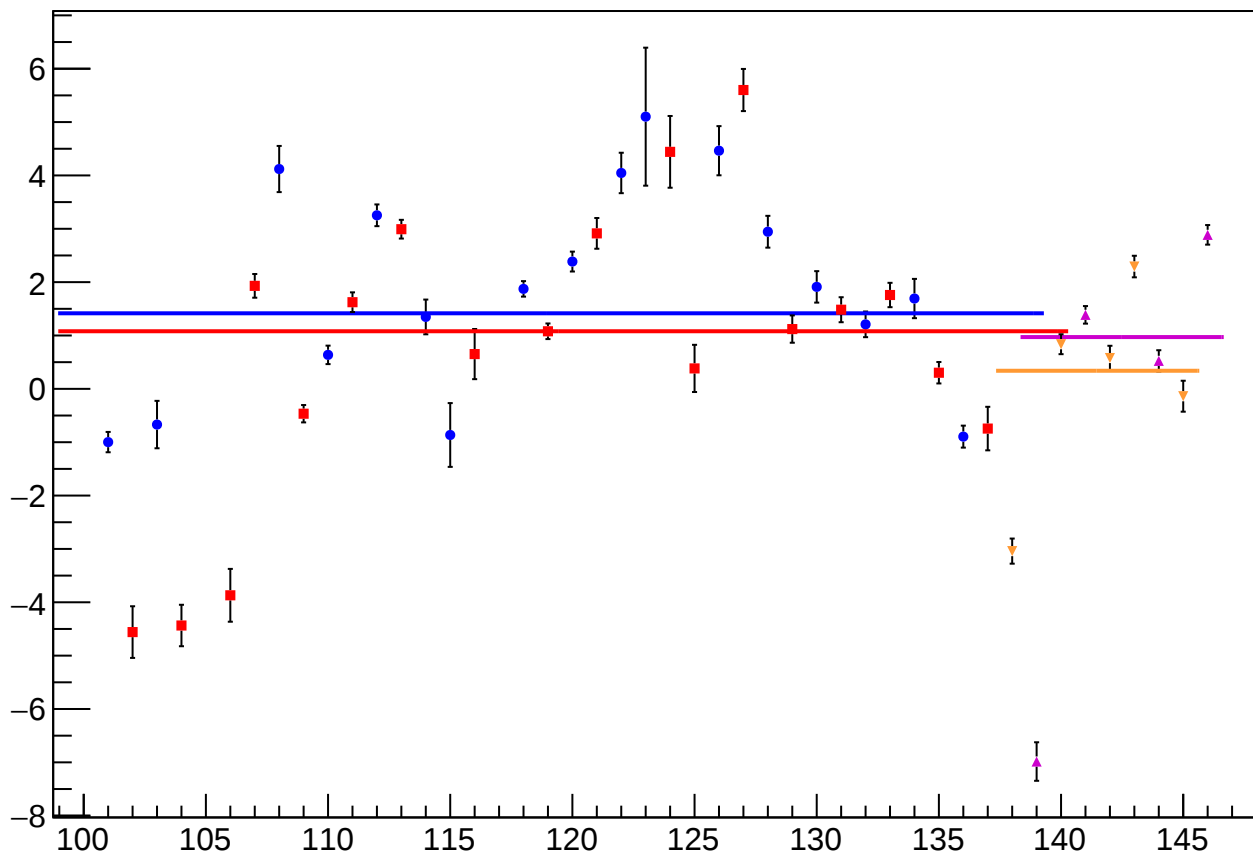
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.858+/-0.118 χ^2/NDF : 3139.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.509+/-0.122 χ^2/NDF : 24338.8/3

Left: -16.114+/-0.085 χ^2/NDF : 28226.1/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.509+/-0.122 χ^2/NDF : 24338.8/3
 Out: -13.858+/-0.118 χ^2/NDF : 3139.8/4

All: -16.114+/-0.085 χ^2/NDF : 28226.1/8

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.339 ± 0.099 χ^2/NDF : 310.4/4

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 0.971 ± 0.100 χ^2/NDF : 605.8/3

Left: 0.651 ± 0.070 χ^2/NDF : 936.3/8

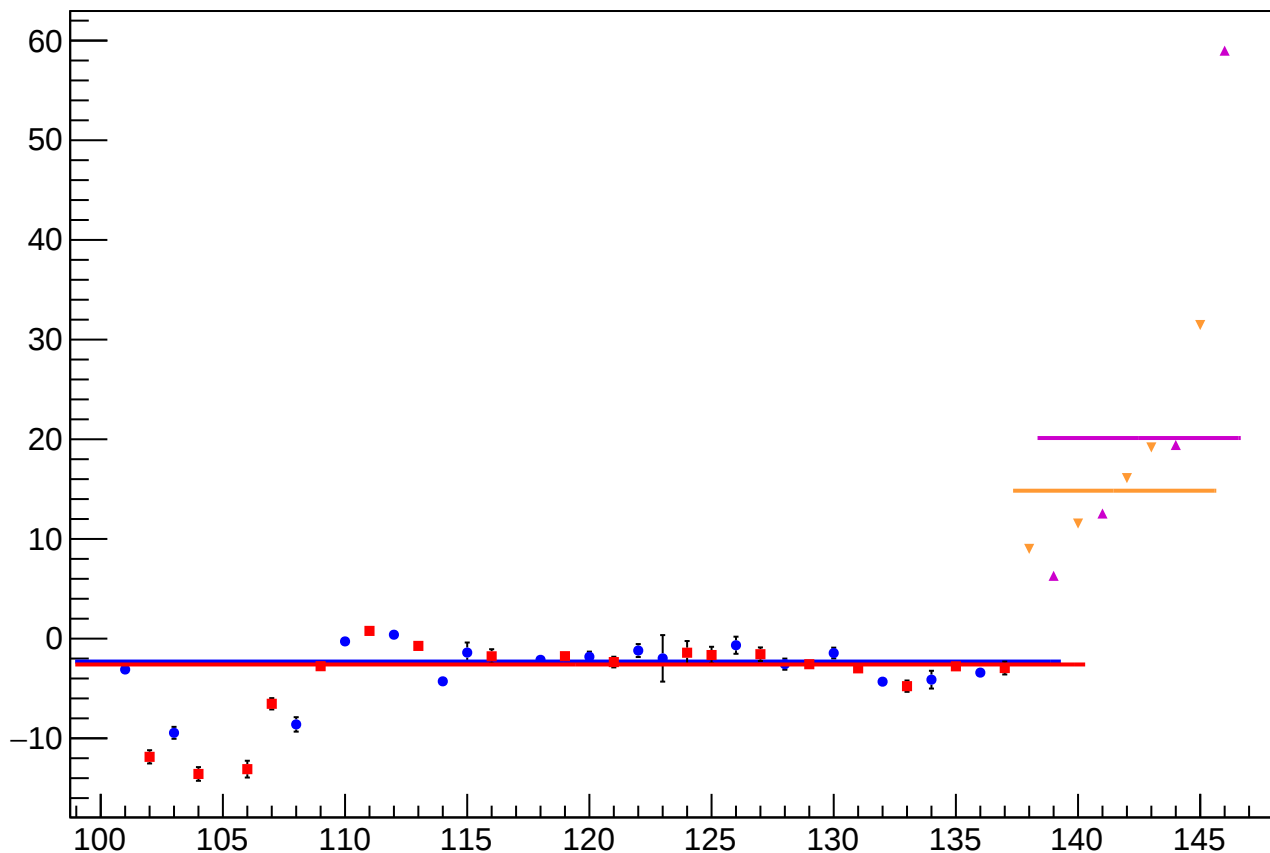
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.295 ± 0.052 χ^2/NDF : 1251.4/20

Out: 0.889 ± 0.050 χ^2/NDF : 1268.2/22

All: 1.084 ± 0.036 χ^2/NDF : 2551.0/43

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: 14.840 ± 0.127 χ^2/NDF : 3111.9/4

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 20.125 ± 0.128 χ^2/NDF : 21872.4/3

Left: 17.453 ± 0.090 χ^2/NDF : 25840.7/8

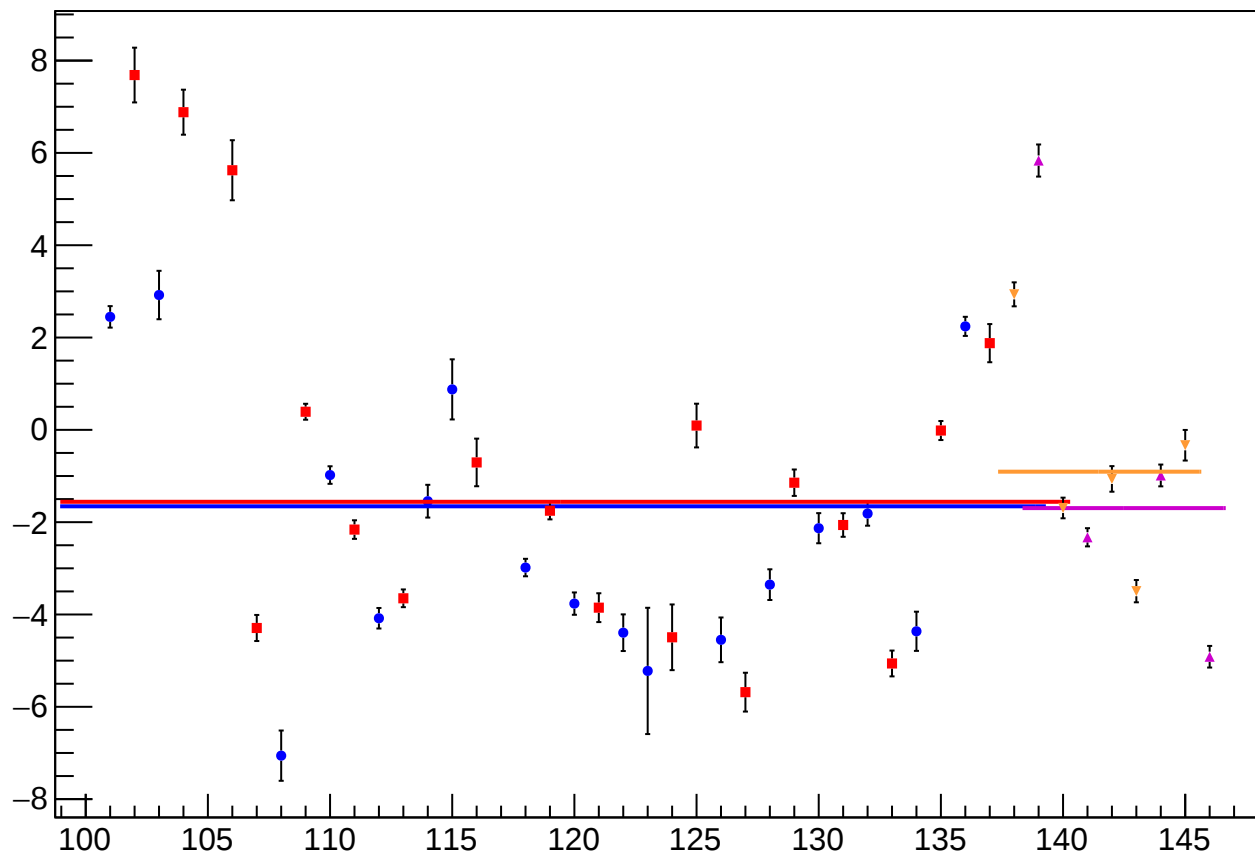
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 7.275 ± 0.084 χ^2/NDF : 39787.8/20

Out: 4.020 ± 0.078 χ^2/NDF : 15702.7/22

All: 5.533 ± 0.057 χ^2/NDF : 56295.6/43

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -0.906 ± 0.116 χ^2/NDF : 349.3/4

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -1.695 ± 0.119 χ^2/NDF : 676.6/3

Left: -1.290 ± 0.083 χ^2/NDF : 1048.4/8

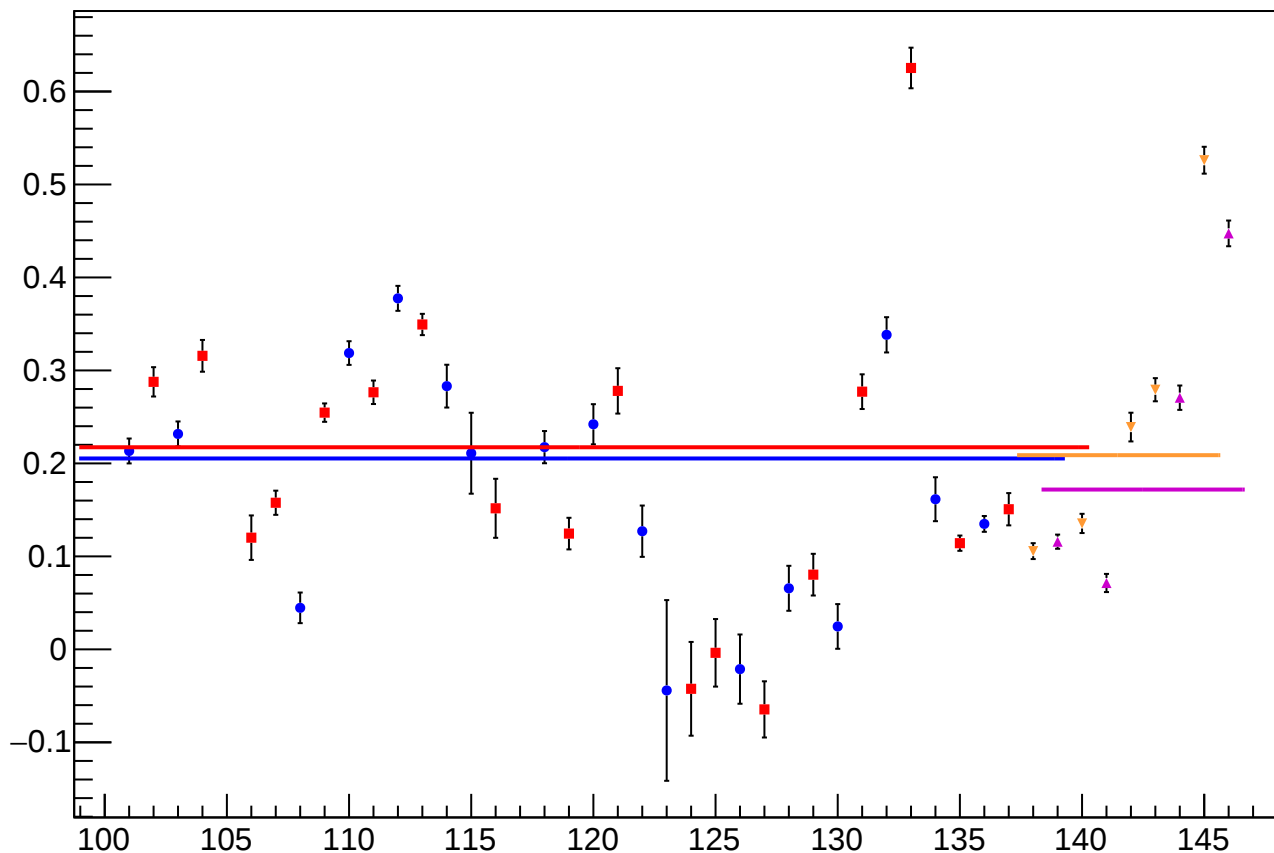
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.666 ± 0.061 χ^2/NDF : 1947.8/20

Out: -1.400 ± 0.057 χ^2/NDF : 1857.9/22

All: -1.525 ± 0.042 χ^2/NDF : 3816.0/43

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.209 $\pm$ 0.005 χ^2 /NDF: 714.2/4

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF: 613.7/3

Left: 0.190 $\pm$ 0.004 χ^2 /NDF: 1354.3/8

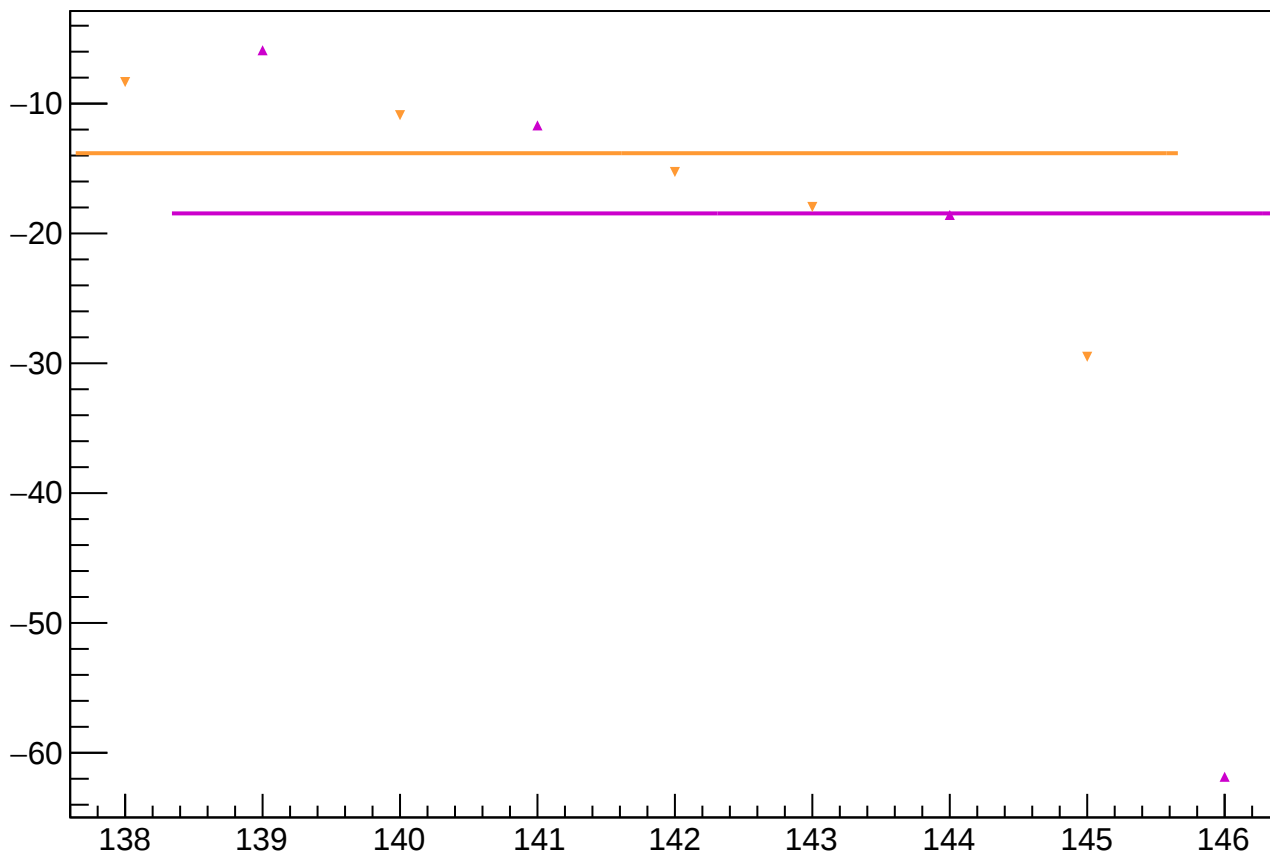
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.192 $\pm$ 0.003 χ^2 /NDF: 1260.2/20

Out: 0.214 $\pm$ 0.003 χ^2 /NDF: 1735.4/22

All: 0.204 $\pm$ 0.002 χ^2 /NDF: 3021.7/43

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: -13.820+/-0.118 χ^2/NDF : 3147.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.456+/-0.121 χ^2/NDF : 24293.2/3

Left: -16.069+/-0.085 χ^2/NDF : 28190.7/8

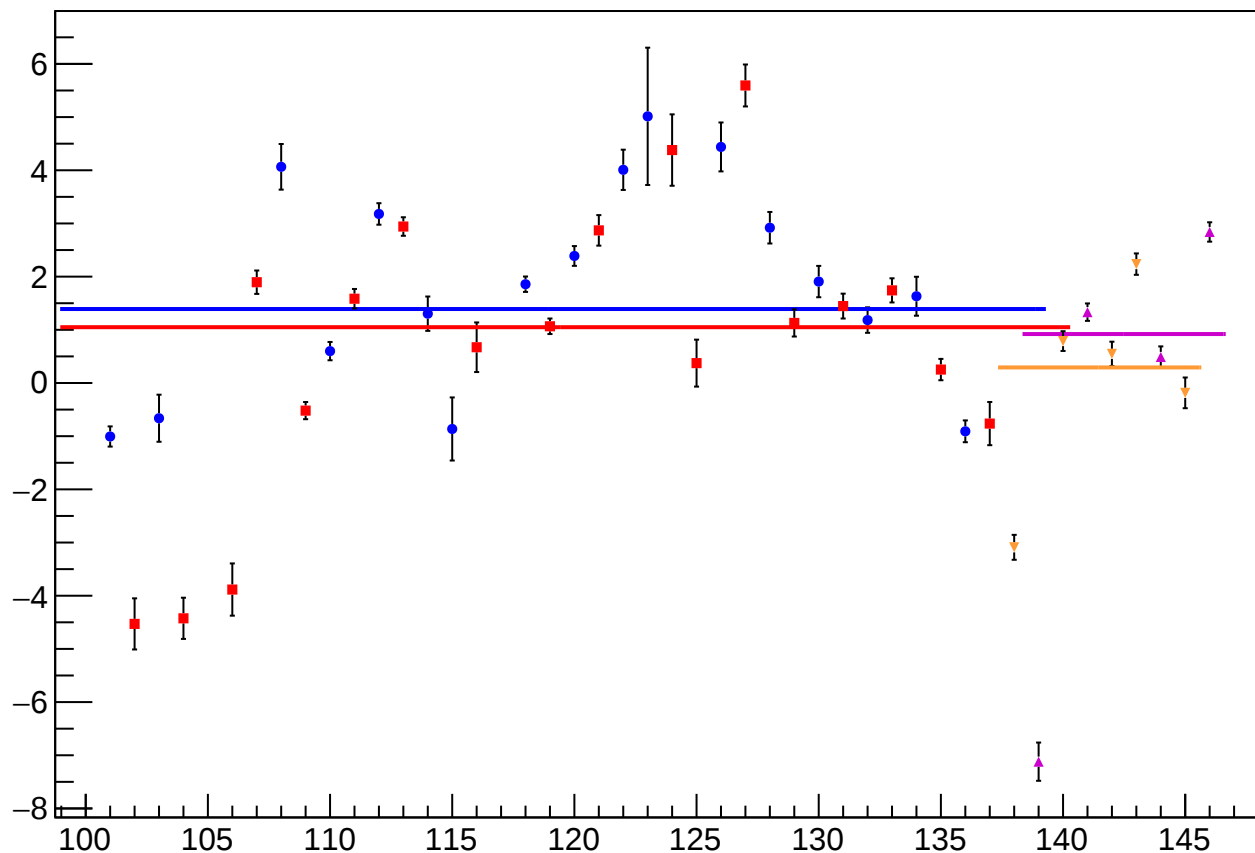
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.456+/-0.121 χ^2/NDF : 24293.2/3

Out: -13.820+/-0.118 χ^2/NDF : 3147.6/4

All: -16.069+/-0.085 χ^2/NDF : 28190.7/8

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 0.292 $\pm$ 0.098 χ^2 /NDF:312.6/4

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 0.920 $\pm$ 0.100 χ^2 /NDF:622.3/3

Left: 0.602 $\pm$ 0.070 χ^2 /NDF: 954.9/8

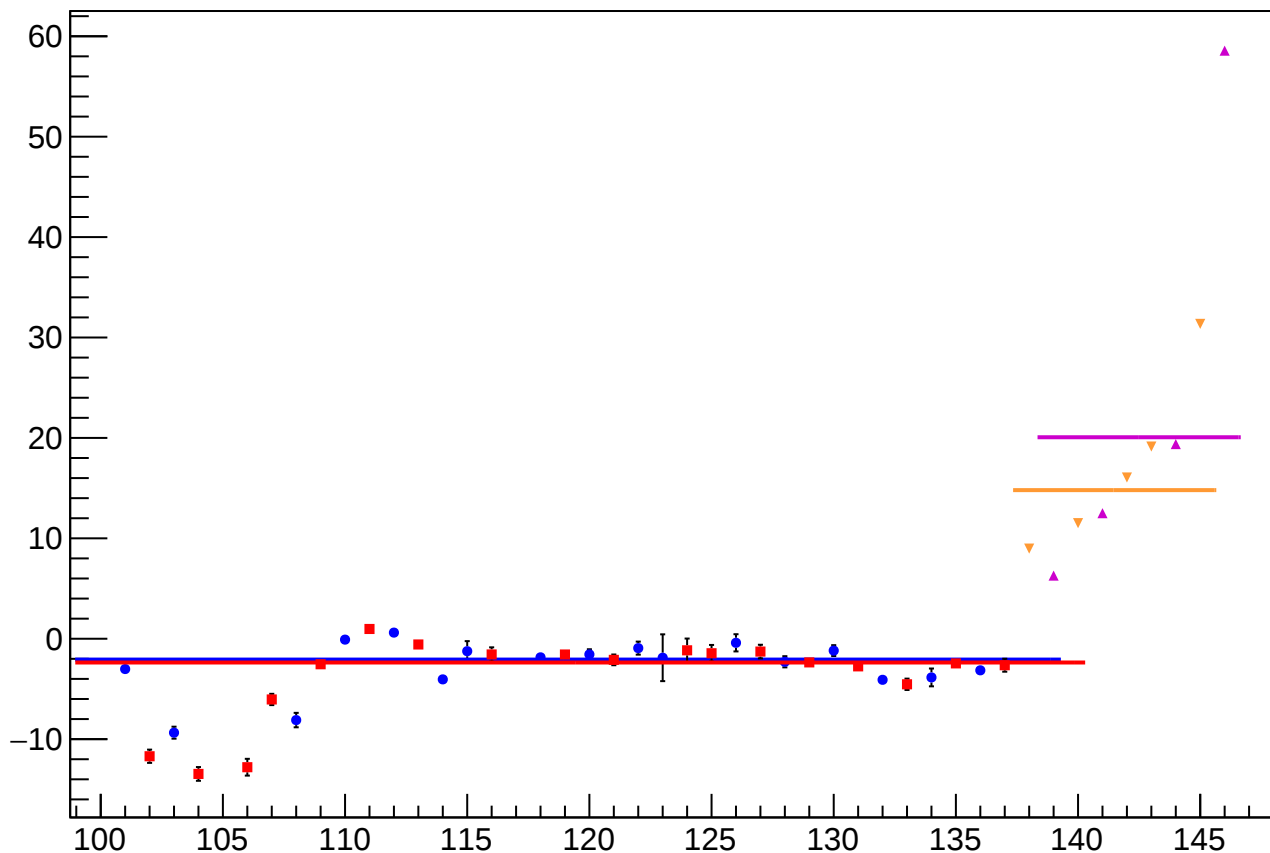
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.263 $\pm$ 0.052 χ^2 /NDF:1267.7/20

Out: 0.855 $\pm$ 0.050 χ^2 /NDF:1276.3/22

All: 1.051 $\pm$ 0.036 χ^2 /NDF: 2576.1/43

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: 14.800+/-0.126 χ^2/NDF :3120.0/4

Right Out: -2.366+/-0.099 χ^2/NDF : 893.2/17

Left In: 20.066+/-0.128 χ^2/NDF :21821.5/3

Left: 17.404+/-0.090 χ^2/NDF : 25799.9/8

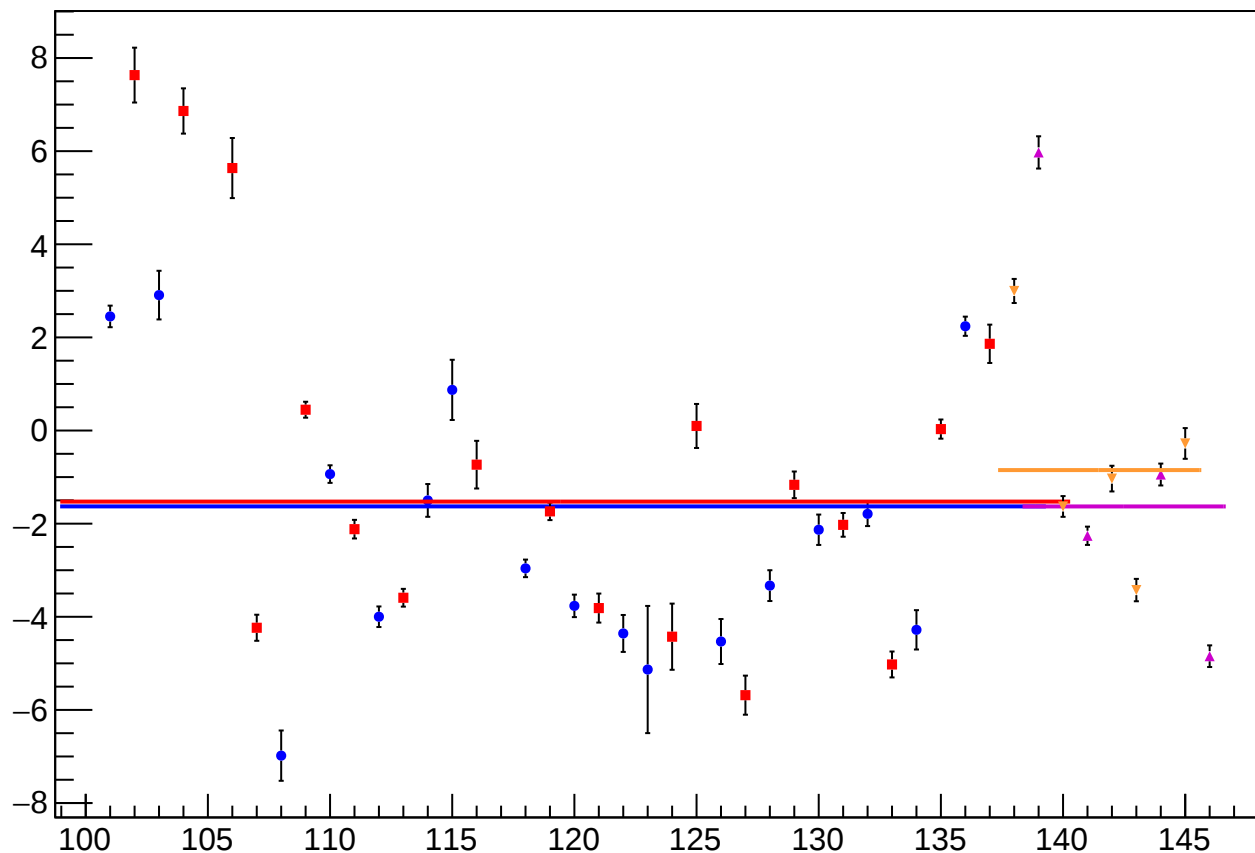
Right: -2.237+/-0.074 χ^2/NDF : 1339.4/34

In: 7.377+/-0.083 χ^2/NDF :39470.7/20

Out: 4.139+/-0.078 χ^2/NDF :15467.2/22

All: 5.644+/-0.057 χ^2/NDF : 55742.6/43

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: -0.849 ± 0.116 χ^2/NDF : 351.9/4

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -1.630 ± 0.119 χ^2/NDF : 691.8/3

Left: -1.229 ± 0.083 χ^2/NDF : 1065.8/8

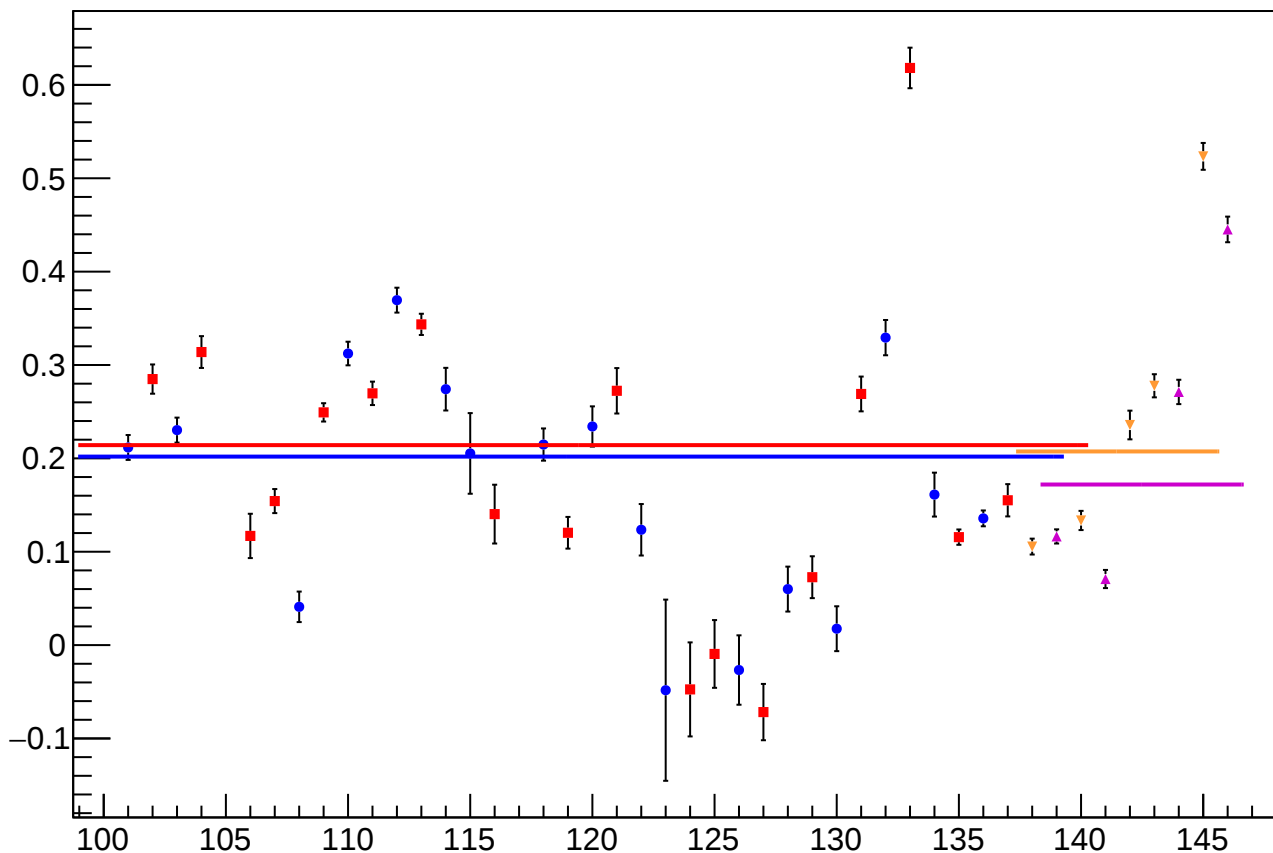
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.630 ± 0.060 χ^2/NDF : 1958.1/20

Out: -1.362 ± 0.057 χ^2/NDF : 1866.0/22

All: -1.488 ± 0.041 χ^2/NDF : 3834.5/43

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: 0.207 ± 0.005 χ^2/NDF : 713.6/4

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.172 ± 0.005 χ^2/NDF : 615.8/3

Left: 0.190 ± 0.004 χ^2/NDF : 1353.9/8

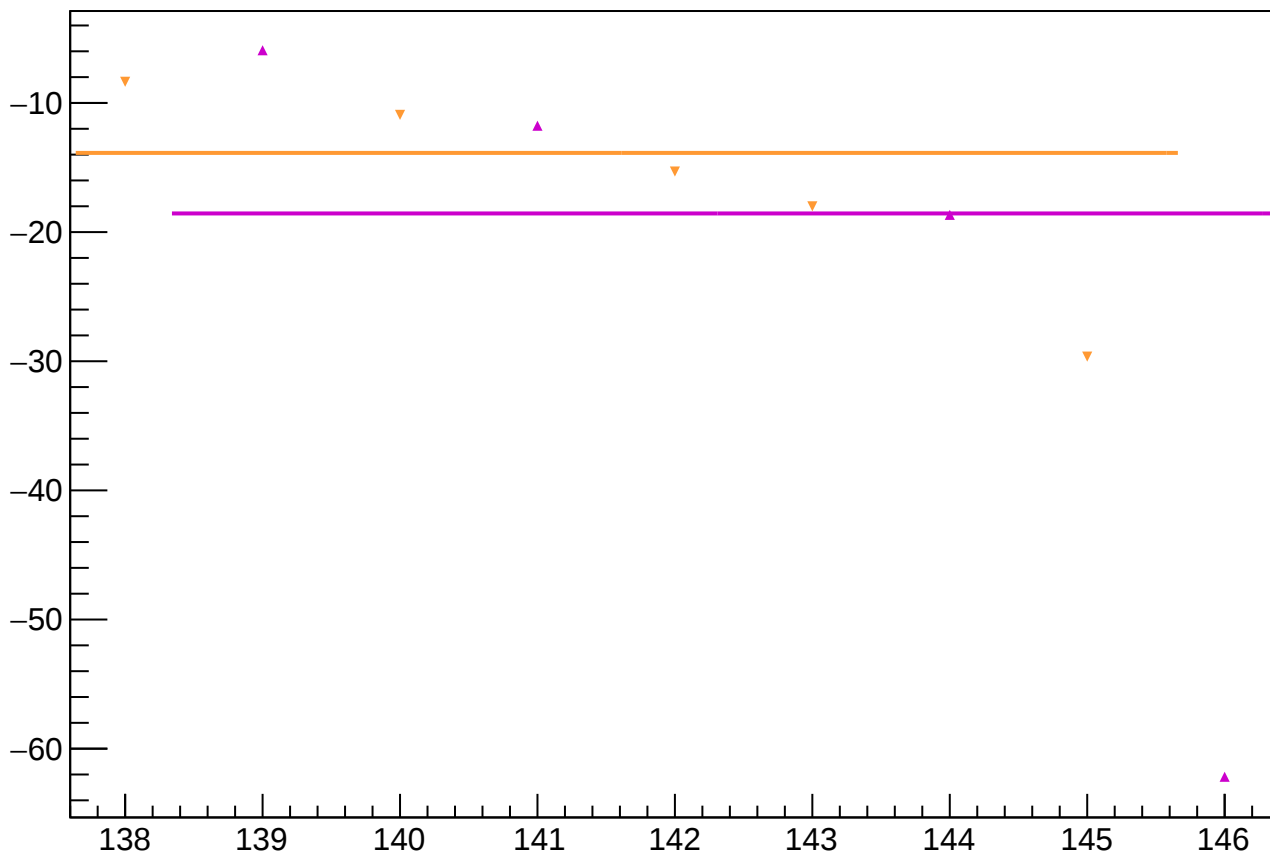
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.190 ± 0.003 χ^2/NDF : 1241.5/20

Out: 0.212 ± 0.003 χ^2/NDF : 1716.3/22

All: 0.202 ± 0.002 χ^2/NDF : 2982.8/43

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



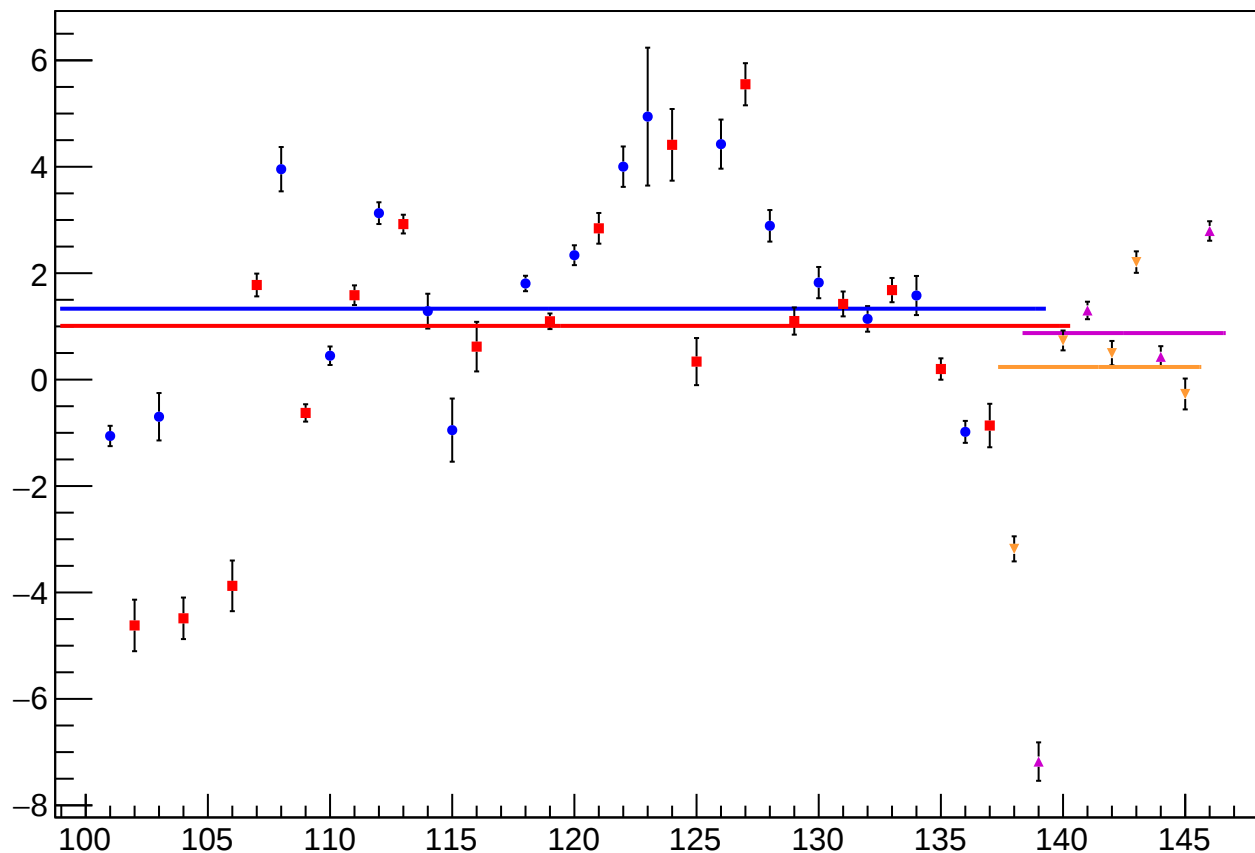
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.868+/-0.118 χ^2/NDF : 3152.3/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.556+/-0.122 χ^2/NDF : 24326.5/3

Left: -16.142+/-0.085 χ^2/NDF : 28238.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.556+/-0.122 χ^2/NDF : 24326.5/3
 Out: -13.868+/-0.118 χ^2/NDF : 3152.3/4

All: -16.142+/-0.085 χ^2/NDF : 28238.9/8

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: 0.238 ± 0.099 χ^2/NDF : 317.4/4

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.875 ± 0.100 χ^2/NDF : 618.8/3

Left: 0.552 ± 0.070 χ^2/NDF : 956.6/8

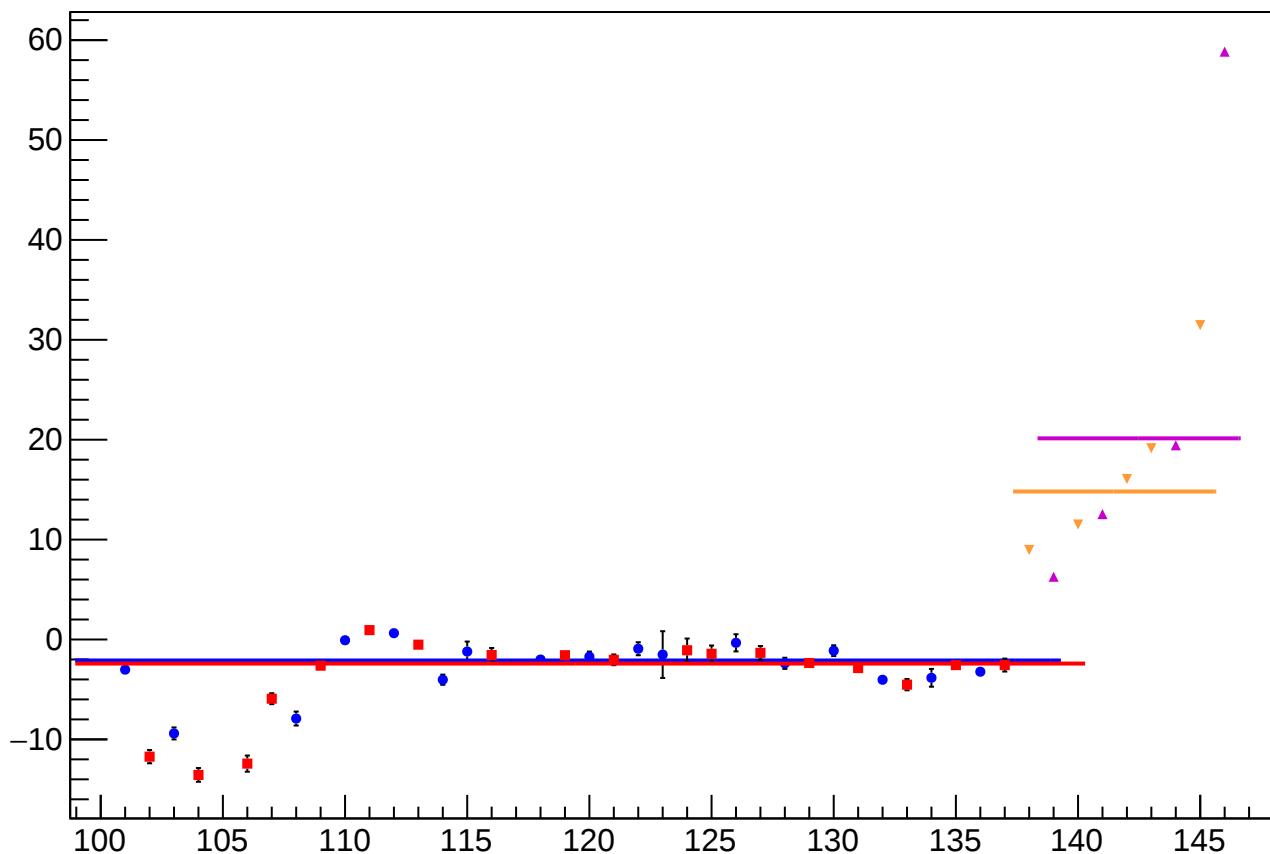
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.208 ± 0.052 χ^2/NDF : 1268.6/20

Out: 0.812 ± 0.050 χ^2/NDF : 1293.0/22

All: 1.002 ± 0.036 χ^2/NDF : 2591.6/43

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: 14.815 ± 0.127 χ^2/NDF : 3122.4/4

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 20.137 ± 0.128 χ^2/NDF : 21854.9/3

Left: 17.447 ± 0.090 χ^2/NDF : 25846.0/8

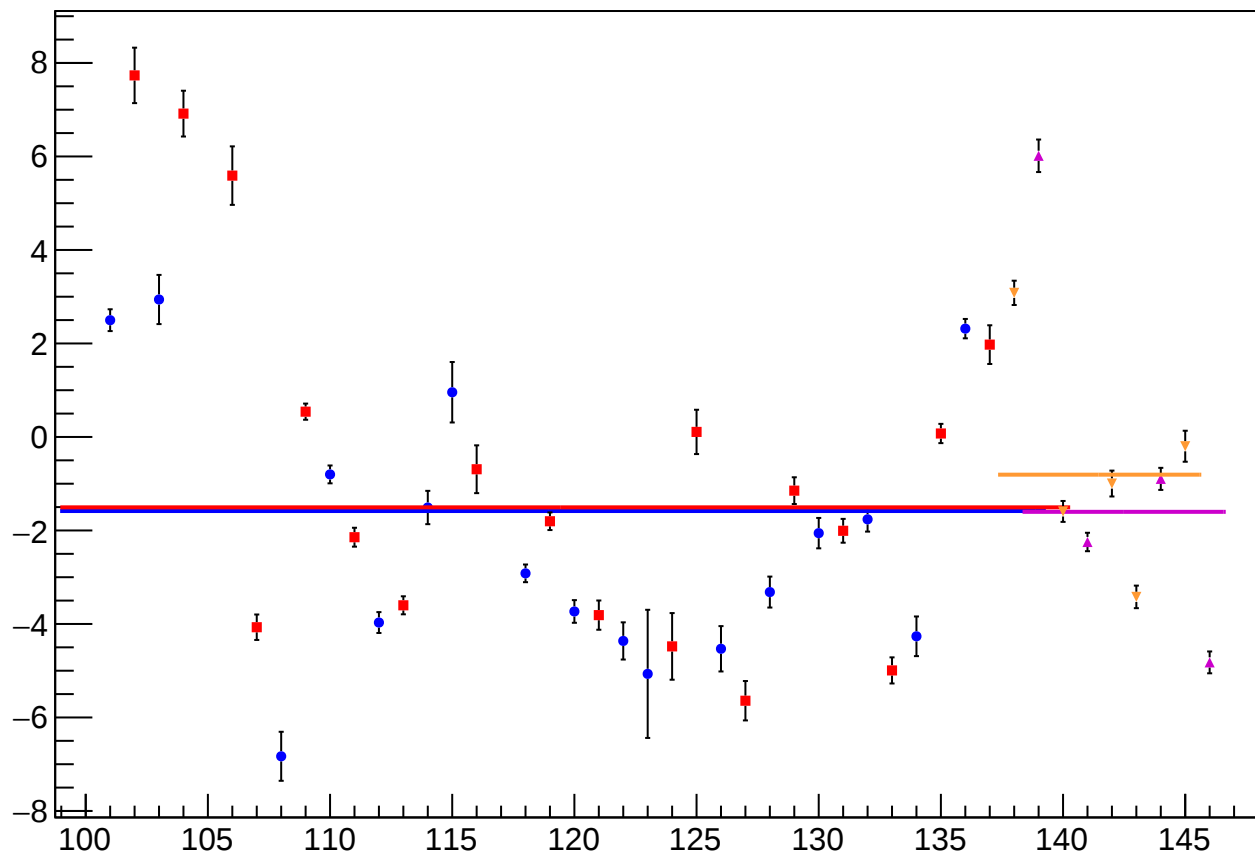
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 7.401 ± 0.084 χ^2/NDF : 39490.7/20

Out: 4.122 ± 0.078 χ^2/NDF : 15434.6/22

All: 5.646 ± 0.057 χ^2/NDF : 55743.0/43

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -0.807 ± 0.116 χ^2/NDF : 357.5/4

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.602 ± 0.119 χ^2/NDF : 688.6/3

Left: -1.193 ± 0.083 χ^2/NDF : 1069.0/8

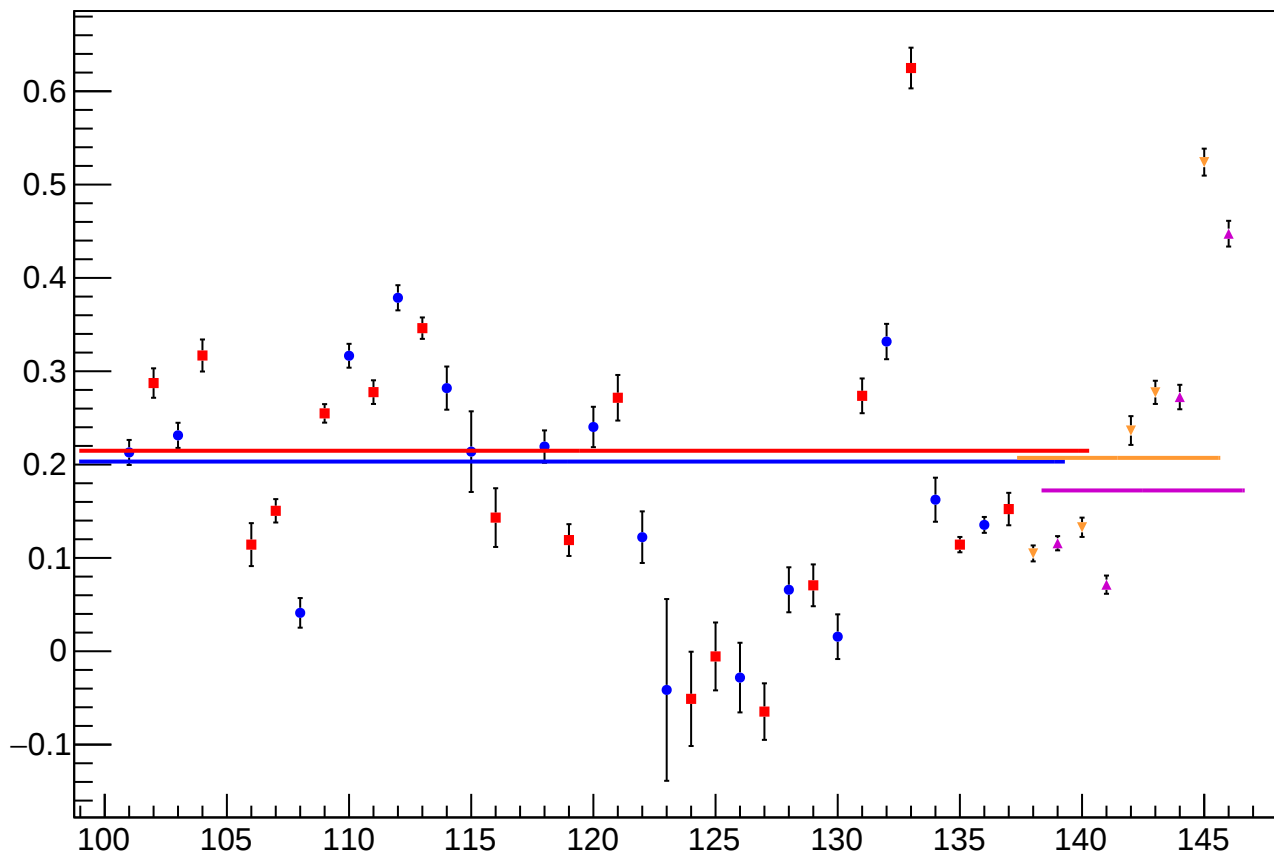
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.589 ± 0.061 χ^2/NDF : 1960.8/20

Out: -1.336 ± 0.057 χ^2/NDF : 1884.8/22

All: -1.455 ± 0.042 χ^2/NDF : 3854.8/43

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.207 ± 0.005 χ^2/NDF : 711.6/4

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.172 ± 0.005 χ^2/NDF : 618.1/3

Left: 0.190 ± 0.004 χ^2/NDF : 1353.2/8

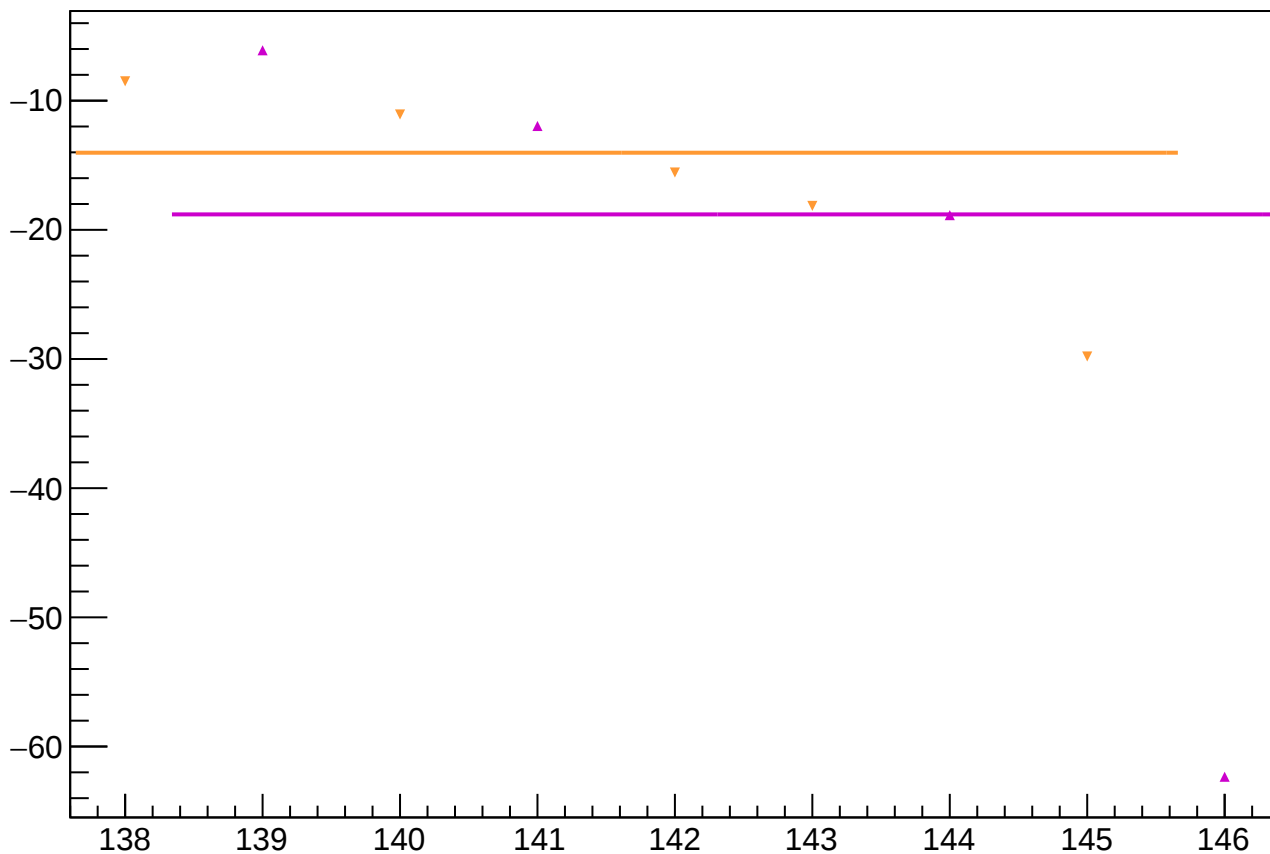
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.191 ± 0.003 χ^2/NDF : 1273.3/20

Out: 0.212 ± 0.003 χ^2/NDF : 1746.0/22

All: 0.202 ± 0.002 χ^2/NDF : 3042.8/43

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: -14.029+/-0.120 χ^2/NDF :3111.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.804+/-0.123 χ^2/NDF :23972.1/3

Left: -16.345+/-0.086 χ^2/NDF : 27857.7/8

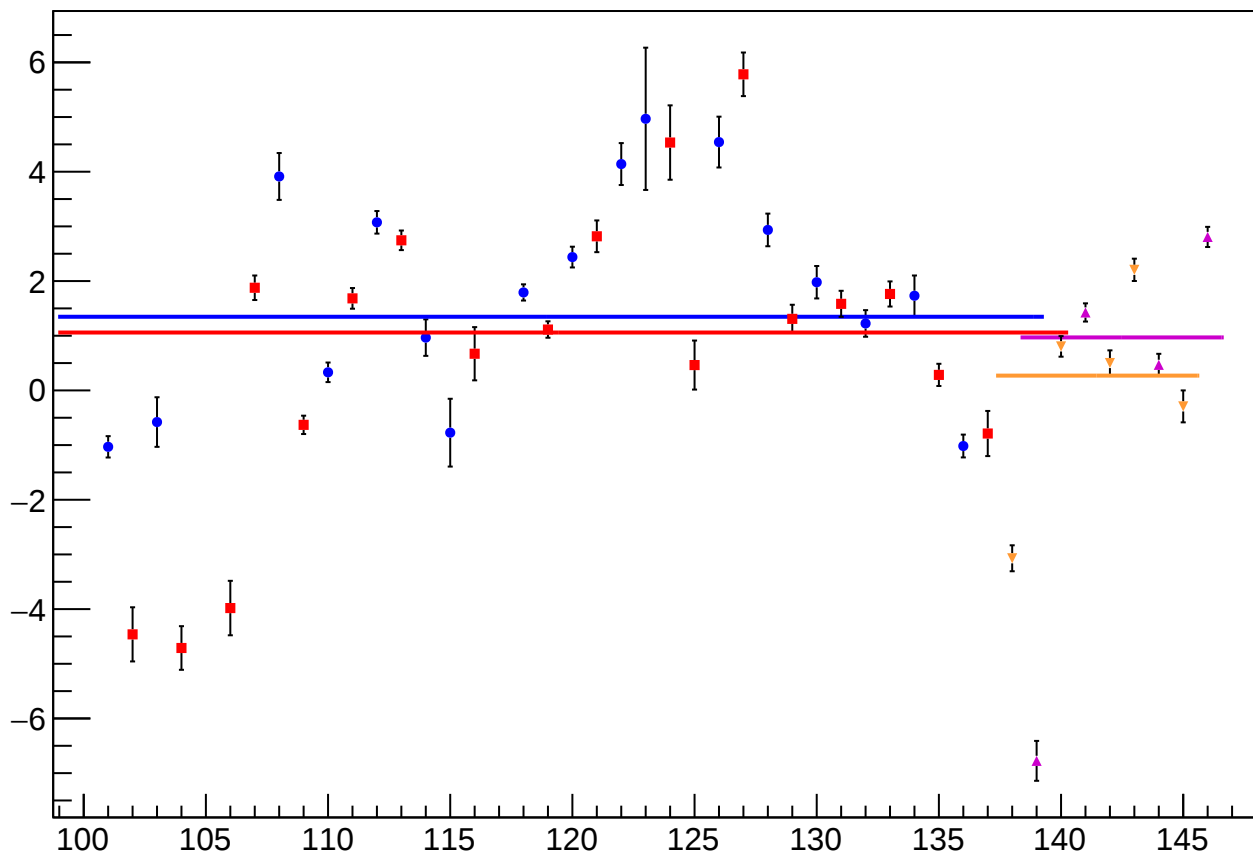
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.804+/-0.123 χ^2/NDF :23972.1/3

Out: -14.029+/-0.120 χ^2/NDF :3111.9/4

All: -16.345+/-0.086 χ^2/NDF : 27857.7/8

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: 0.271 $\pm$ 0.100 χ^2 /NDF:300.5/4

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 0.969 $\pm$ 0.101 χ^2 /NDF:563.7/3

Left: 0.615 $\pm$ 0.071 χ^2 /NDF: 888.4/8

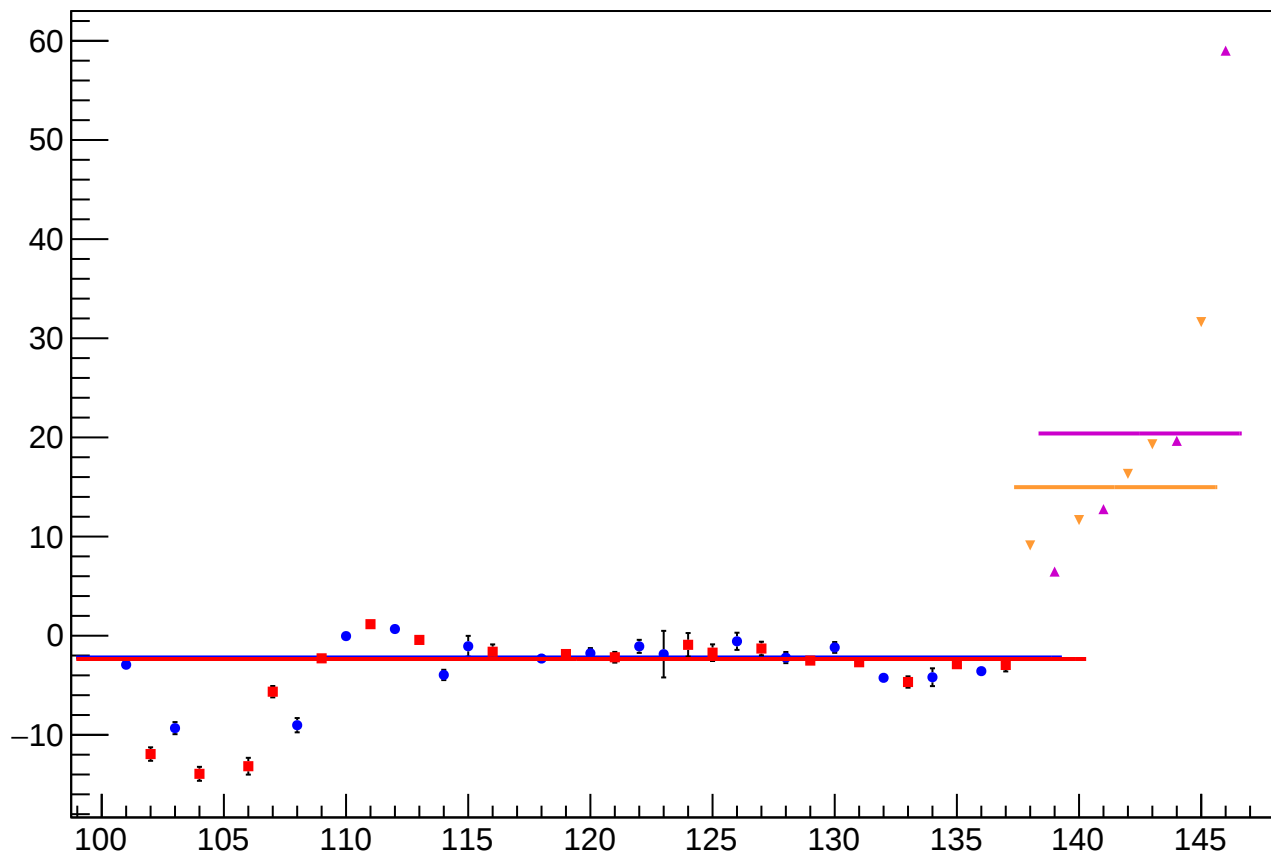
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.243 $\pm$ 0.053 χ^2 /NDF:1204.0/20

Out: 0.853 $\pm$ 0.051 χ^2 /NDF:1251.9/22

All: 1.041 $\pm$ 0.037 χ^2 /NDF: 2483.9/43

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 14.983 ± 0.128 $\chi^2/\text{NDF}: 3082.8/4$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 20.398 ± 0.130 $\chi^2/\text{NDF}: 21517.1/3$

Left: 17.660 ± 0.091 $\chi^2/\text{NDF}: 25482.4/8$

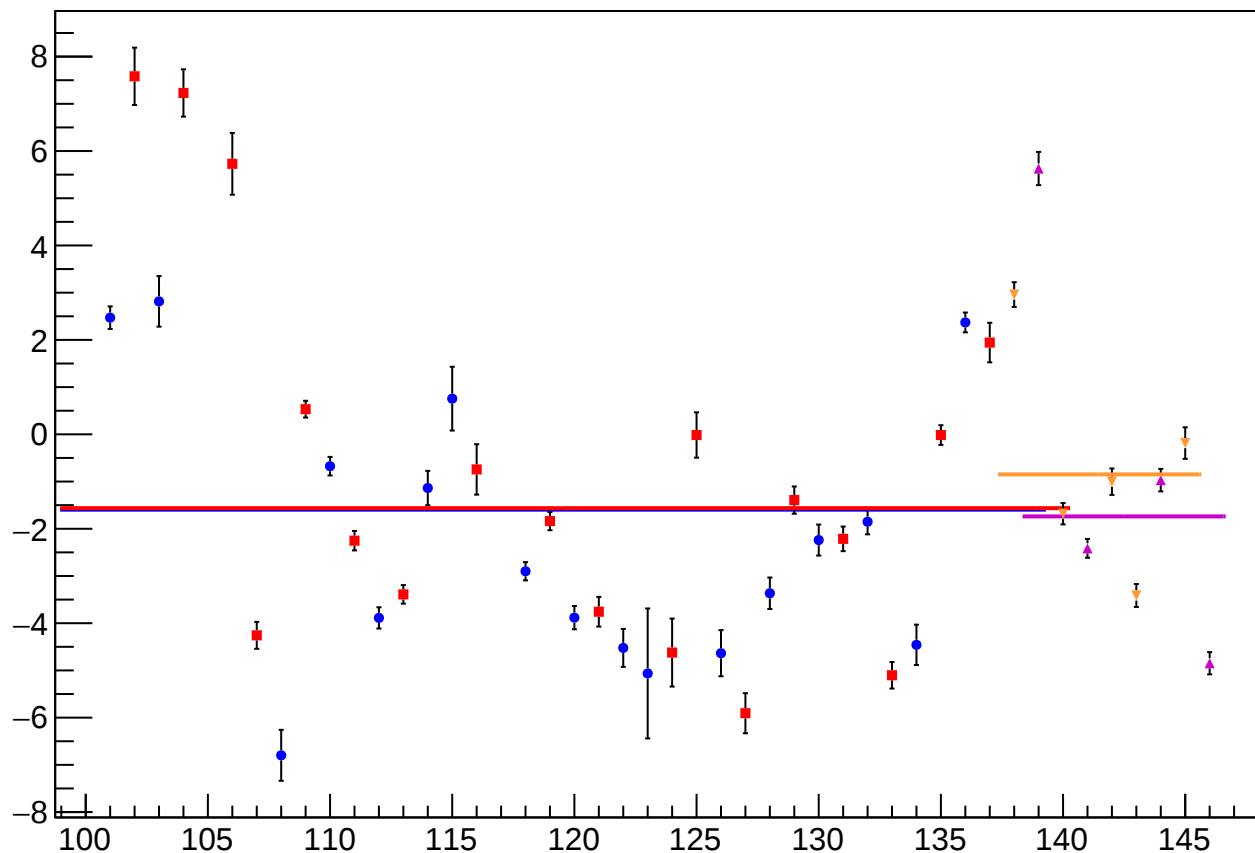
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 7.548 ± 0.085 $\chi^2/\text{NDF}: 39263.5/20$

Out: 4.319 ± 0.079 $\chi^2/\text{NDF}: 15247.6/22$

All: 5.824 ± 0.058 $\chi^2/\text{NDF}: 55279.9/43$

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: -0.849 ± 0.117 χ^2/NDF : 339.6/4

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -1.738 ± 0.120 χ^2/NDF : 635.8/3

Left: -1.282 ± 0.084 χ^2/NDF : 1003.4/8

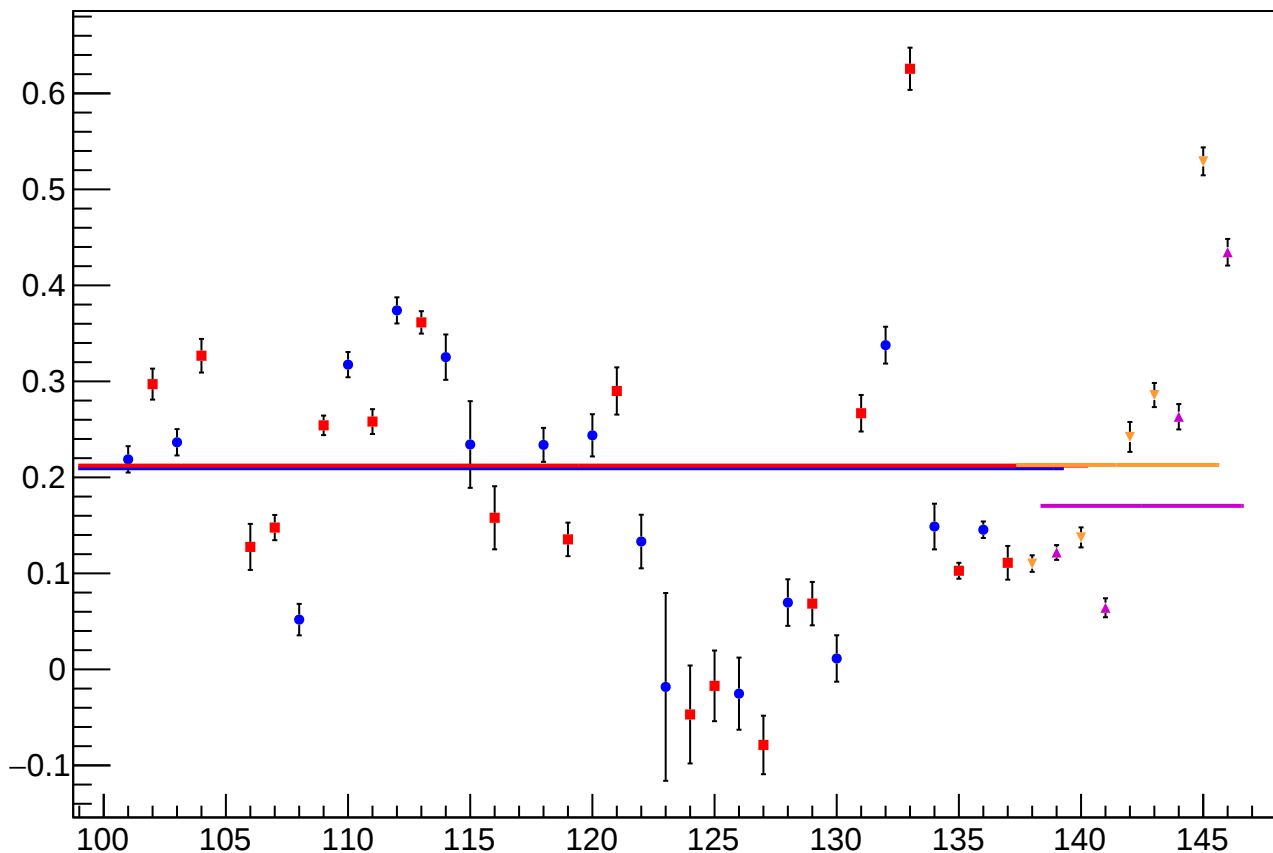
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.633 ± 0.062 χ^2/NDF : 1892.3/20

Out: -1.388 ± 0.058 χ^2/NDF : 1829.5/22

All: -1.503 ± 0.042 χ^2/NDF : 3730.1/43

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210+/-0.004 χ^2/NDF : 597.7/16

Left Out: 0.213+/-0.005 χ^2/NDF : 704.1/4

Right Out: 0.212+/-0.004 χ^2/NDF : 1096.9/17

Left In: 0.170+/-0.005 χ^2/NDF : 566.7/3

Left: 0.192+/-0.004 χ^2/NDF : 1305.2/8

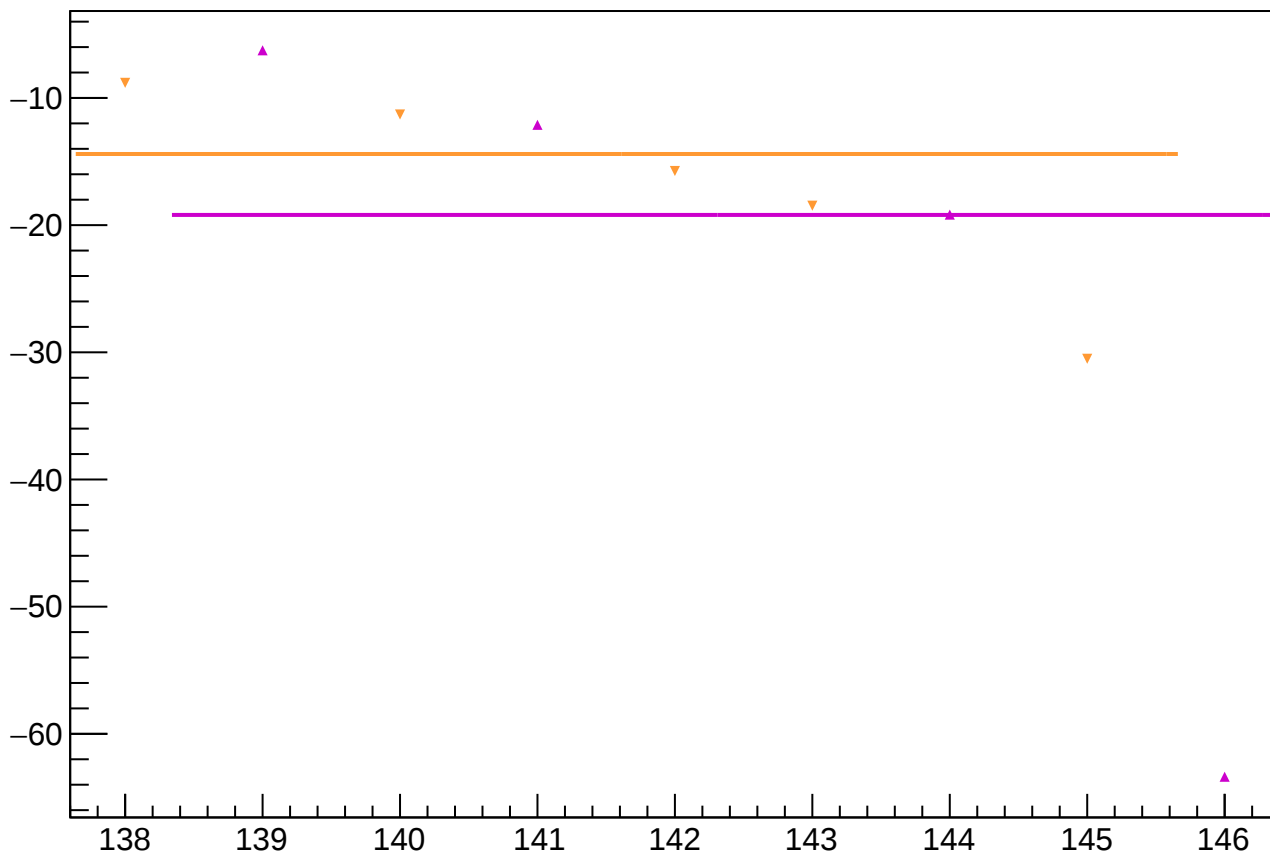
Right: 0.211+/-0.003 χ^2/NDF : 1694.9/34

In: 0.194+/-0.003 χ^2/NDF : 1199.3/20

Out: 0.213+/-0.003 χ^2/NDF : 1801.0/22

All: 0.204+/-0.002 χ^2/NDF : 3018.0/43

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: -14.406+/-0.122 χ^2/NDF : 3097.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.197+/-0.126 χ^2/NDF : 23921.8/3

Left: -16.733+/-0.088 χ^2/NDF : 27767.2/8

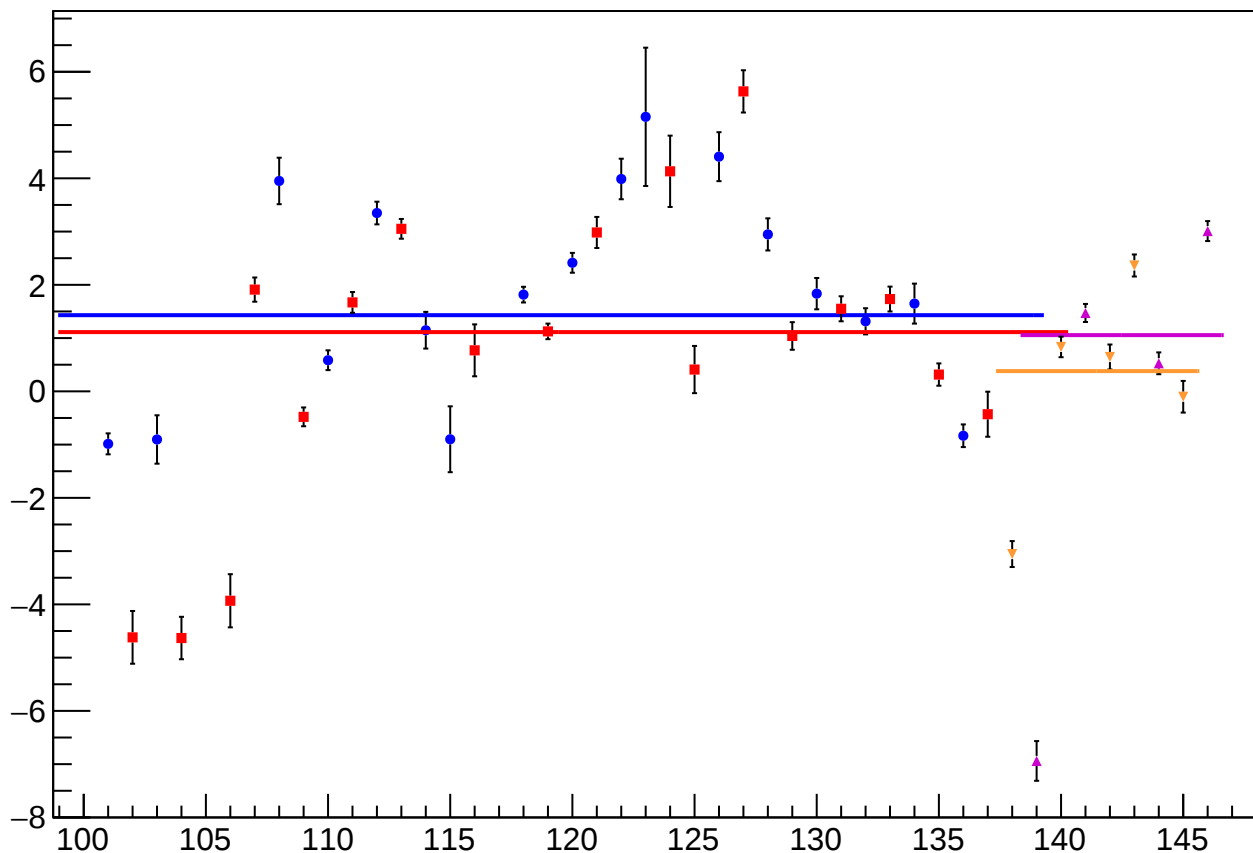
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.197+/-0.126 χ^2/NDF : 23921.8/3

Out: -14.406+/-0.122 χ^2/NDF : 3097.7/4

All: -16.733+/-0.088 χ^2/NDF : 27767.2/8

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 0.380 ± 0.102 $\chi^2/\text{NDF}: 300.3/4$

Right Out: 1.113 ± 0.060 $\chi^2/\text{NDF}: 887.6/17$

Left In: 1.056 ± 0.103 $\chi^2/\text{NDF}: 581.0/3$

Left: 0.714 ± 0.072 $\chi^2/\text{NDF}: 903.1/8$

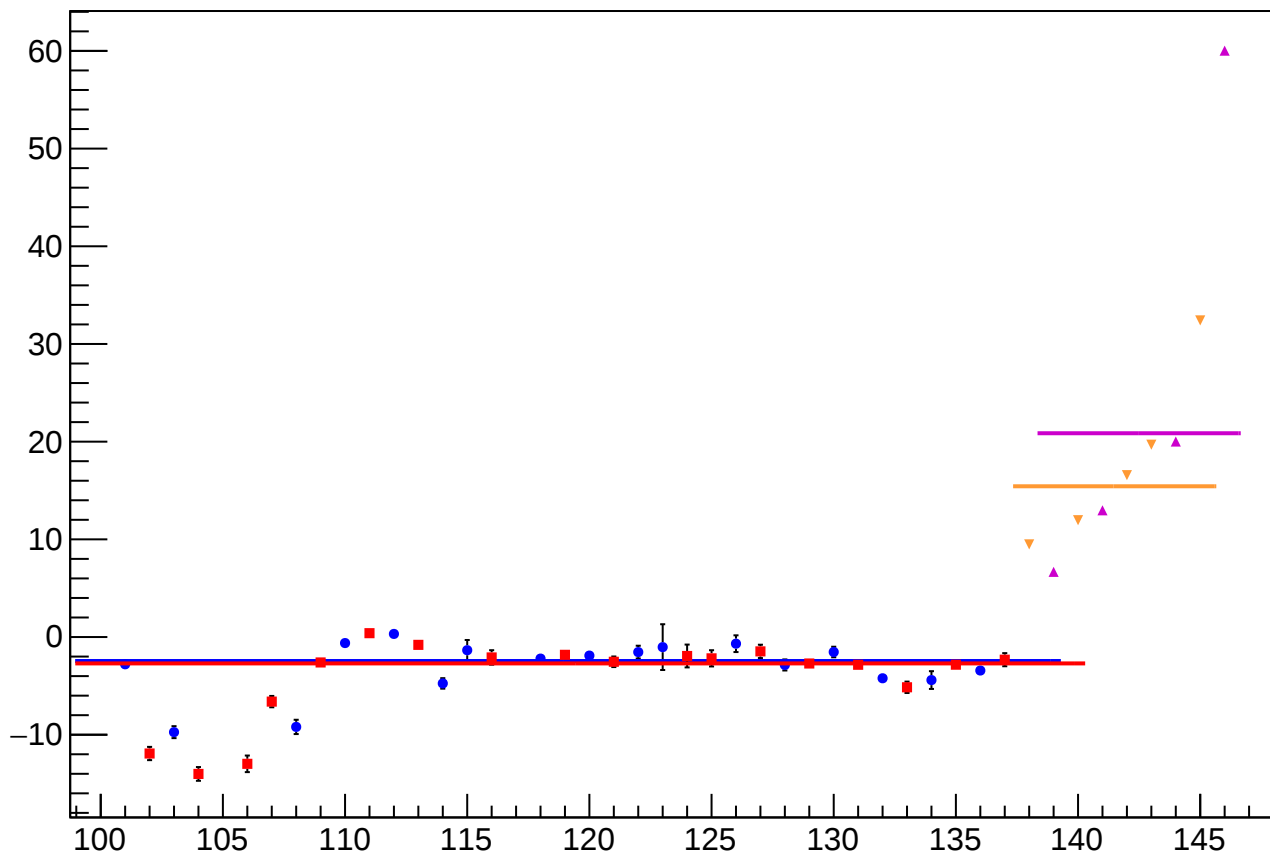
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.329 ± 0.054 $\chi^2/\text{NDF}: 1188.7/20$

Out: 0.923 ± 0.052 $\chi^2/\text{NDF}: 1226.4/22$

All: 1.119 ± 0.037 $\chi^2/\text{NDF}: 2444.7/43$

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: 15.432+/-0.131 χ^2/NDF :3068.0/4

Right Out: -2.700+/-0.104 χ^2/NDF : 829.7/17

Left In: 20.862+/-0.132 χ^2/NDF :21455.7/3

Left: 18.121+/-0.093 χ^2/NDF : 25375.8/8

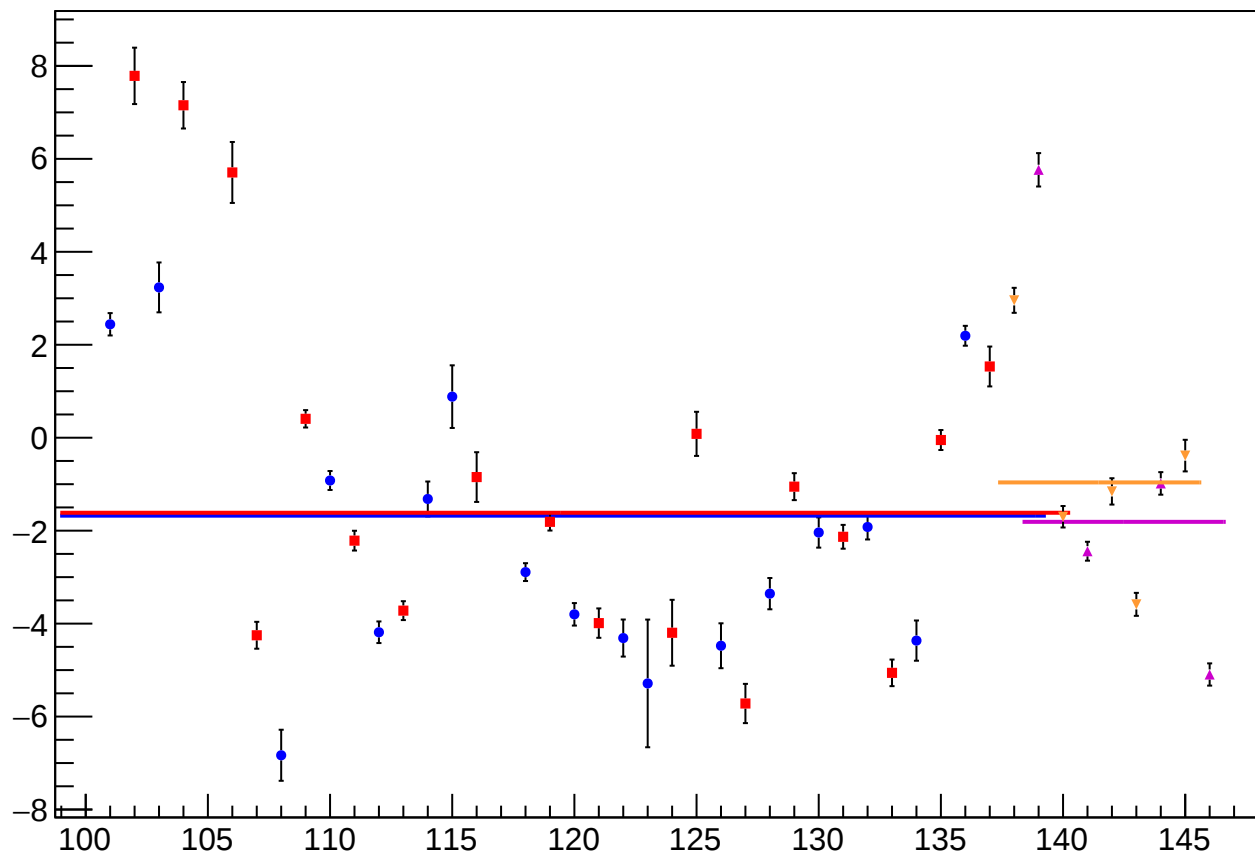
Right: -2.590+/-0.077 χ^2/NDF : 1251.4/34

In: 7.548+/-0.087 χ^2/NDF :39649.5/20

Out: 4.282+/-0.081 χ^2/NDF :15700.7/22

All: 5.811+/-0.059 χ^2/NDF : 56107.6/43

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: -0.962 ± 0.119 χ^2/NDF : 338.4/4

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.810 ± 0.123 χ^2/NDF : 654.4/3

Left: -1.375 ± 0.086 χ^2/NDF : 1017.3/8

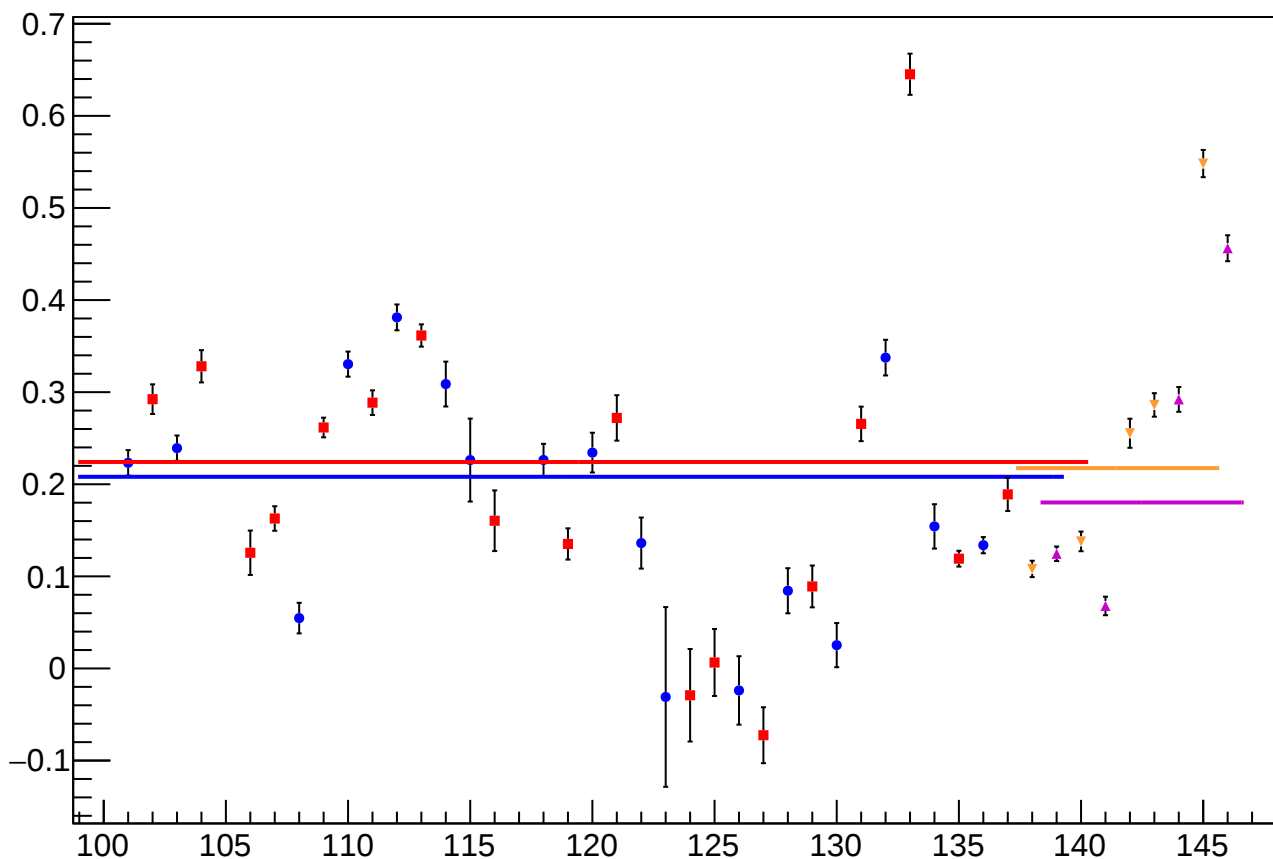
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.711 ± 0.062 χ^2/NDF : 1860.0/20

Out: -1.455 ± 0.059 χ^2/NDF : 1788.2/22

All: -1.576 ± 0.043 χ^2/NDF : 3657.1/43

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: 0.218 $\pm$ 0.005 χ^2 /NDF: 742.0/4

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.180 $\pm$ 0.005 χ^2 /NDF: 626.8/3

Left: 0.199 $\pm$ 0.004 χ^2 /NDF: 1394.0/8

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.197 $\pm$ 0.003 χ^2 /NDF: 1244.0/20

Out: 0.222 $\pm$ 0.003 χ^2 /NDF: 1738.8/22

All: 0.210 $\pm$ 0.002 χ^2 /NDF: 3012.9/43