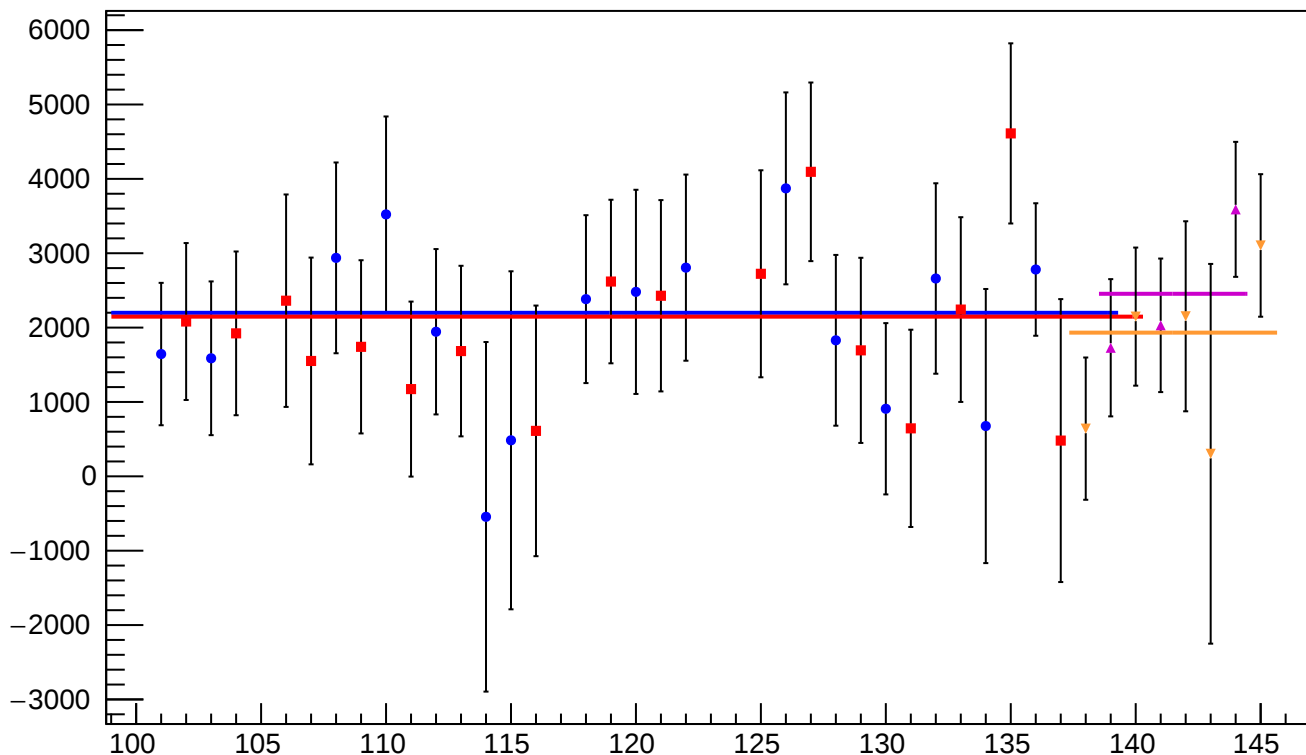


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1932.270+/-493.423

Right Out: 2147.149+/-304.804

Left In: 2454.558+/-524.947

χ^2/NDF : 8.6/15

χ^2/NDF : 3.8/4

χ^2/NDF : 11.4/16

χ^2/NDF : 2.4/2

Left: 2177.262+/-359.531

Right: 2172.848+/-216.219

In: 2263.966+/-264.858

Out: 2087.800+/-259.316

All: 2174.021+/-185.293

χ^2/NDF : 6.7/7

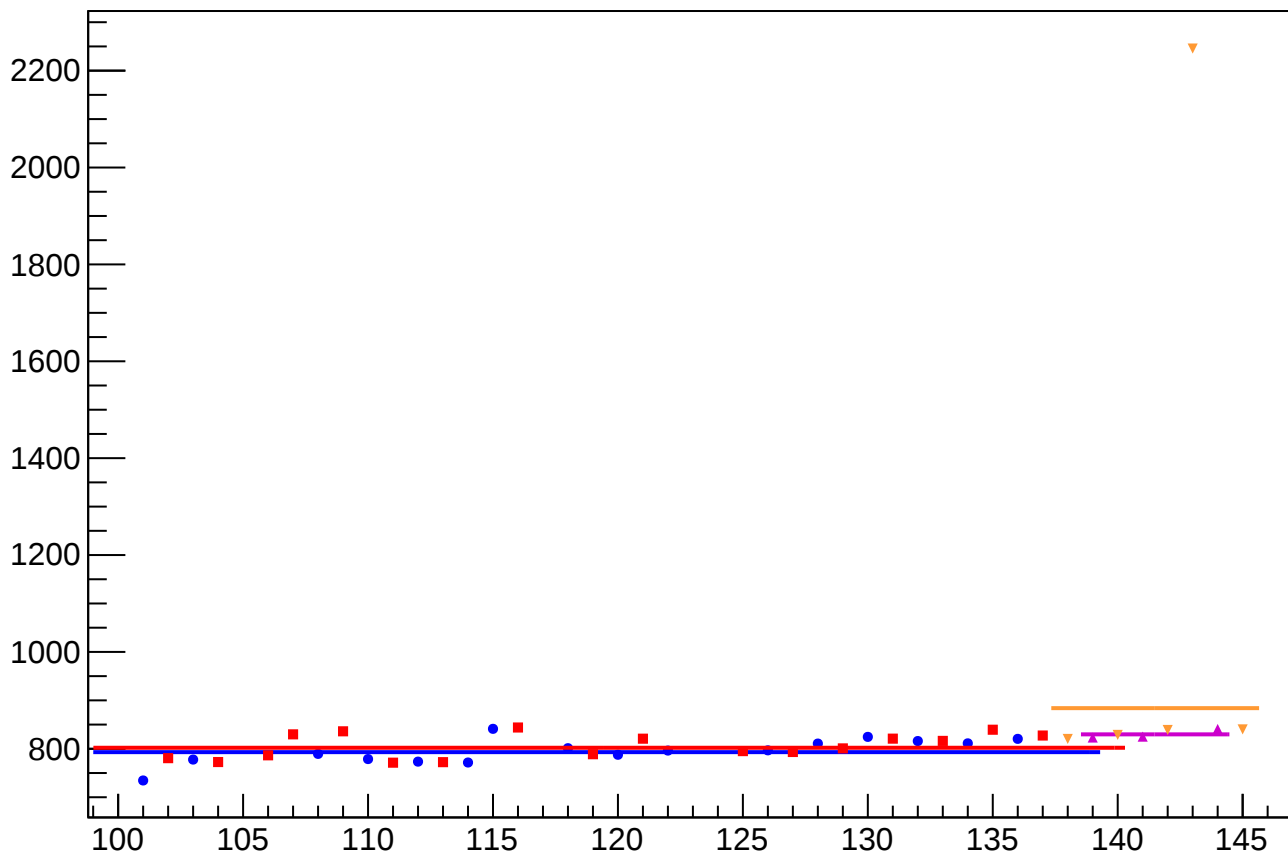
χ^2/NDF : 20.0/32

χ^2/NDF : 11.2/18

χ^2/NDF : 15.4/21

χ^2/NDF : 26.8/40

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 883.922+/-0.349 χ^2/NDF : 591537.3/4

Right Out: 802.148+/-0.216 χ^2/NDF : 12723.5/16

Left In: 829.812+/-0.371 χ^2/NDF : 457.3/2

Left: 858.540+/-0.254 χ^2/NDF : 603276.8/7

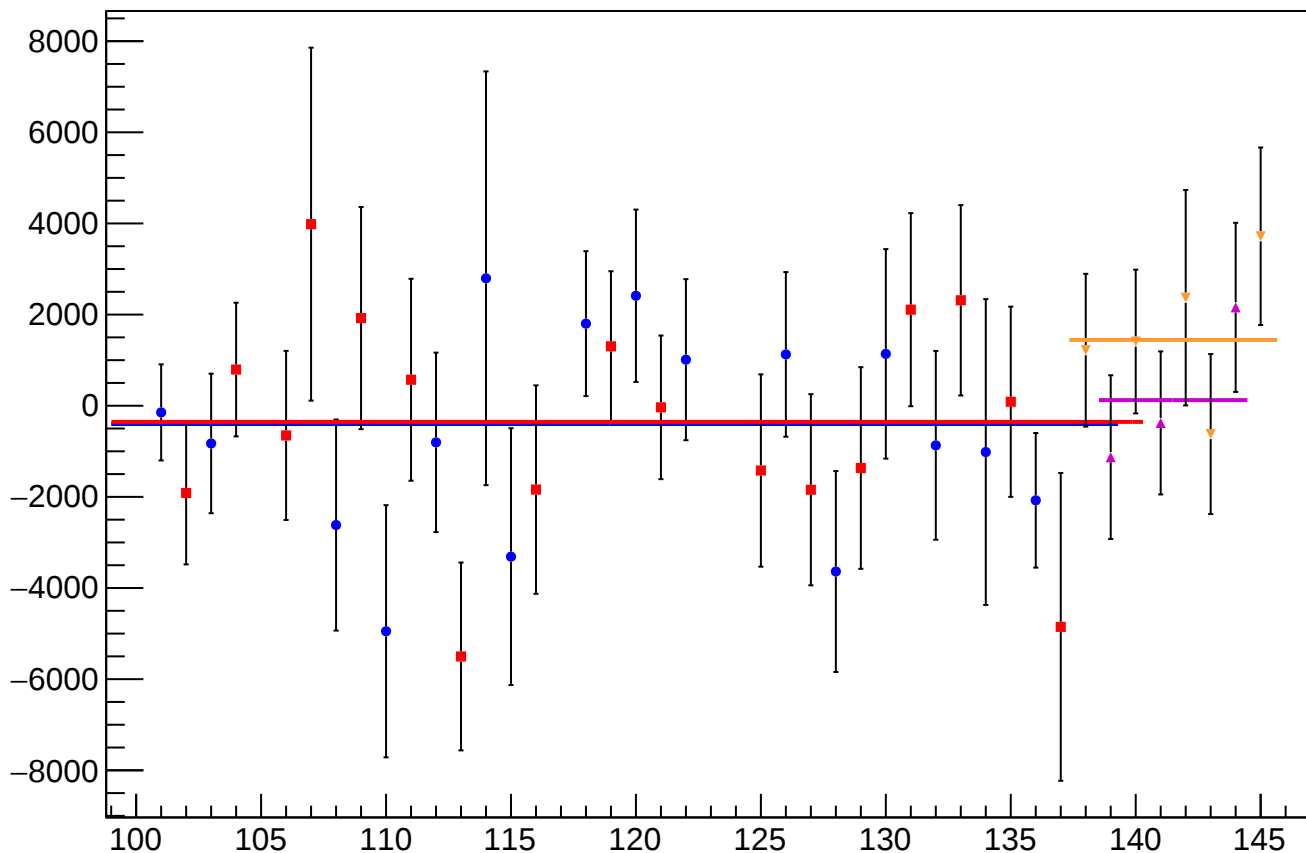
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 802.439+/-0.187 χ^2/NDF : 22455.5/18

Out: 824.734+/-0.183 χ^2/NDF : 644020.6/21

All: 813.822+/-0.131 χ^2/NDF : 673711.8/40

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1444.154 $\pm$ 809.644 χ^2 /NDF:2.9/4

Right Out: -354.462 $\pm$ 486.525 χ^2 /NDF: 17.4/16

Left In: 123.533 $\pm$ 996.991 χ^2 /NDF:1.8/2

Left: 919.333 $\pm$ 628.503 χ^2 /NDF: 5.8/7

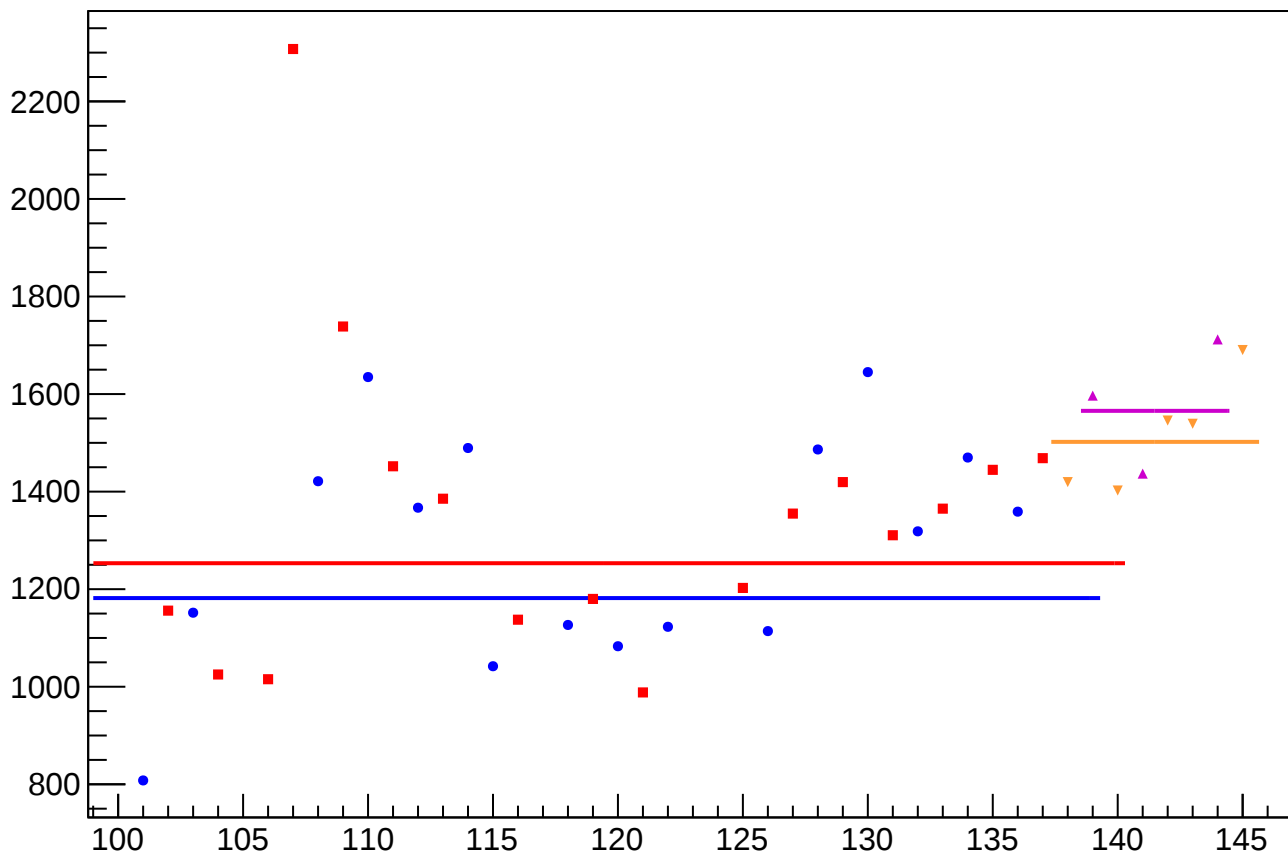
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -306.448 $\pm$ 424.143 χ^2 /NDF:16.8/18

Out: 122.706 $\pm$ 417.024 χ^2 /NDF:24.0/21

All: -88.239 $\pm$ 297.365 χ^2 /NDF: 41.3/40

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: 1565.601 $\pm$ 0.705 χ^2/NDF : 26507.7/2

Left: 1527.284 $\pm$ 0.444 χ^2/NDF : 64520.1/7

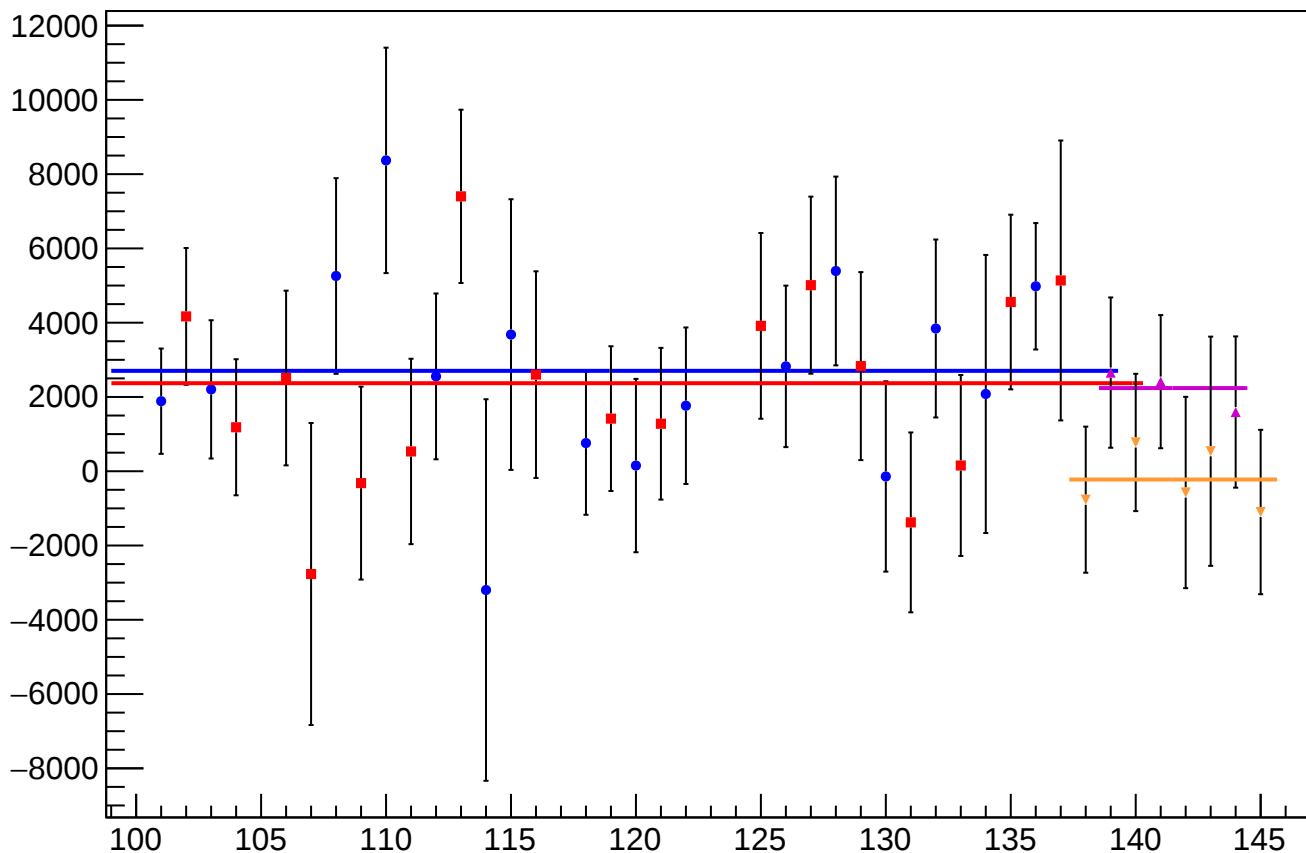
Right: 1216.159 $\pm$ 0.239 χ^2/NDF : 1021509.6/32

In: 1251.235 $\pm$ 0.300 χ^2/NDF : 812788.7/18

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

All: 1285.805 $\pm$ 0.210 χ^2/NDF : 1466418.5/40

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: 2239.398 $\pm$ 1120.481 χ^2 /NDF:0.2/2

Left: 862.272 $\pm$ 743.821 χ^2 /NDF: 3.5/7

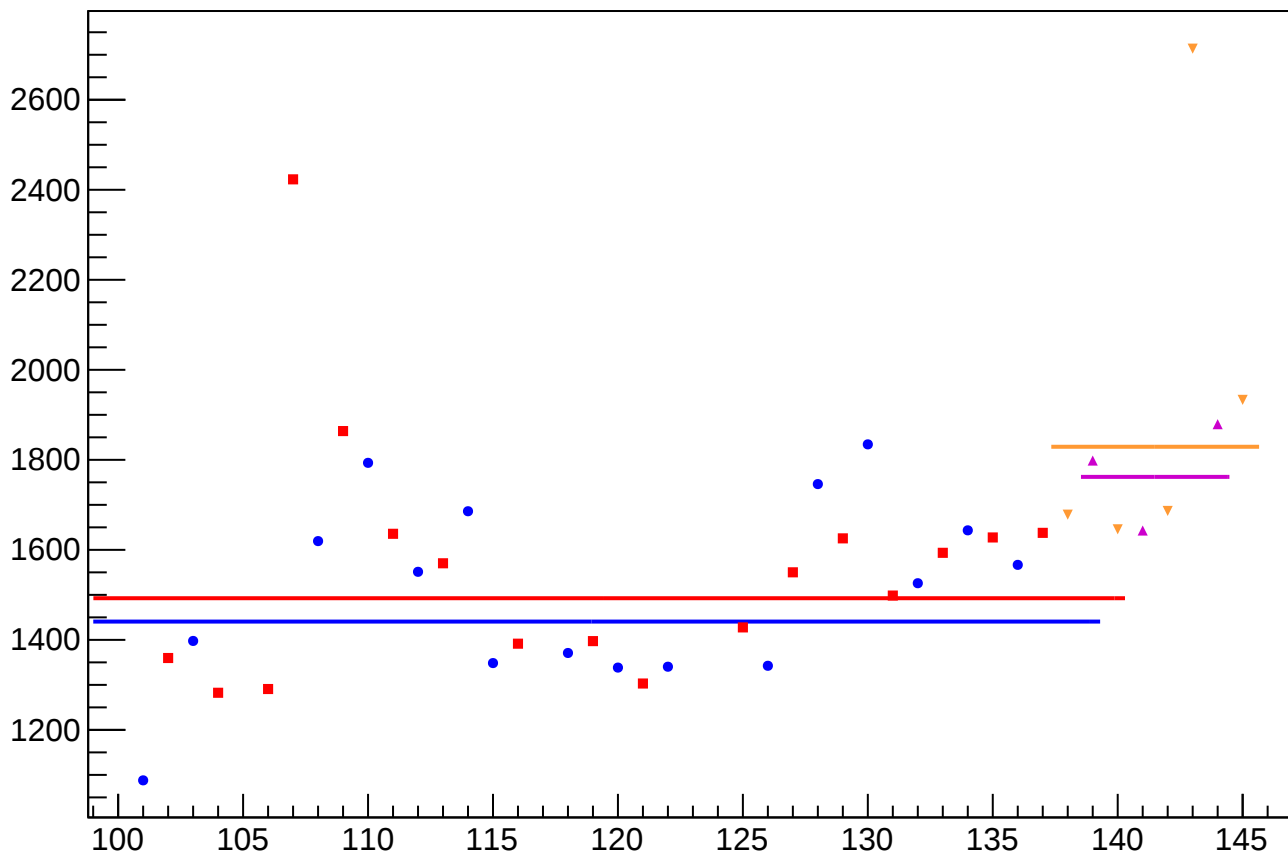
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2609.699 $\pm$ 504.139 χ^2 /NDF:13.3/18

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

All: 2160.123 $\pm$ 353.860 χ^2 /NDF: 36.6/40

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: 1762.141 $\pm$ 0.792 χ^2/NDF : 16092.7/2

Left: 1799.563 $\pm$ 0.526 χ^2/NDF : 226390.0/7

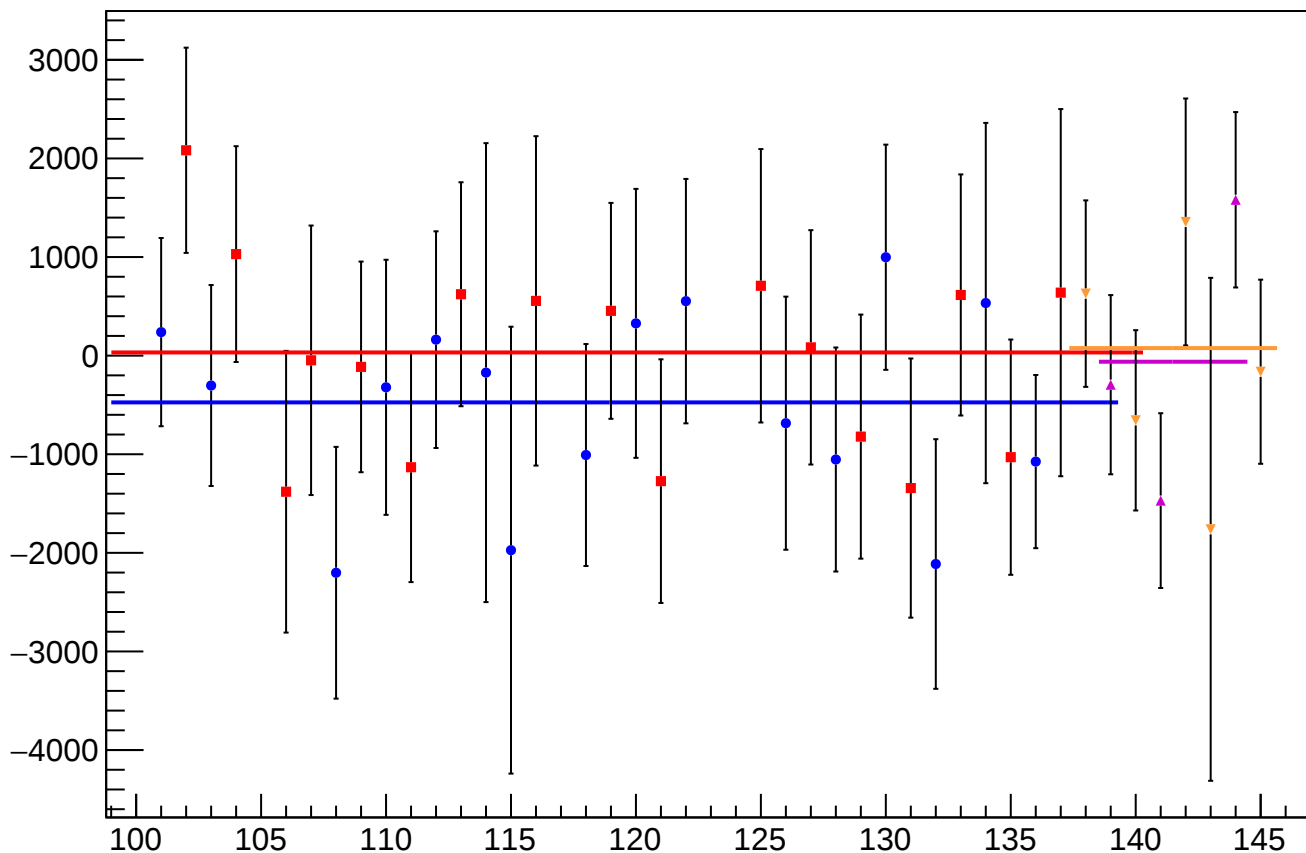
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1505.734 $\pm$ 0.356 χ^2/NDF : 429671.0/18

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

All: 1541.633 $\pm$ 0.250 χ^2/NDF : 1079310.5/40

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 76.605 $\pm$ 484.913 χ^2/NDF : 2.6/4

Right Out: 32.454 $\pm$ 299.611 χ^2/NDF : 11.3/16

Left In: -61.616 $\pm$ 516.513 χ^2/NDF : 6.0/2

Left: 11.852 $\pm$ 353.529 χ^2/NDF : 8.7/7

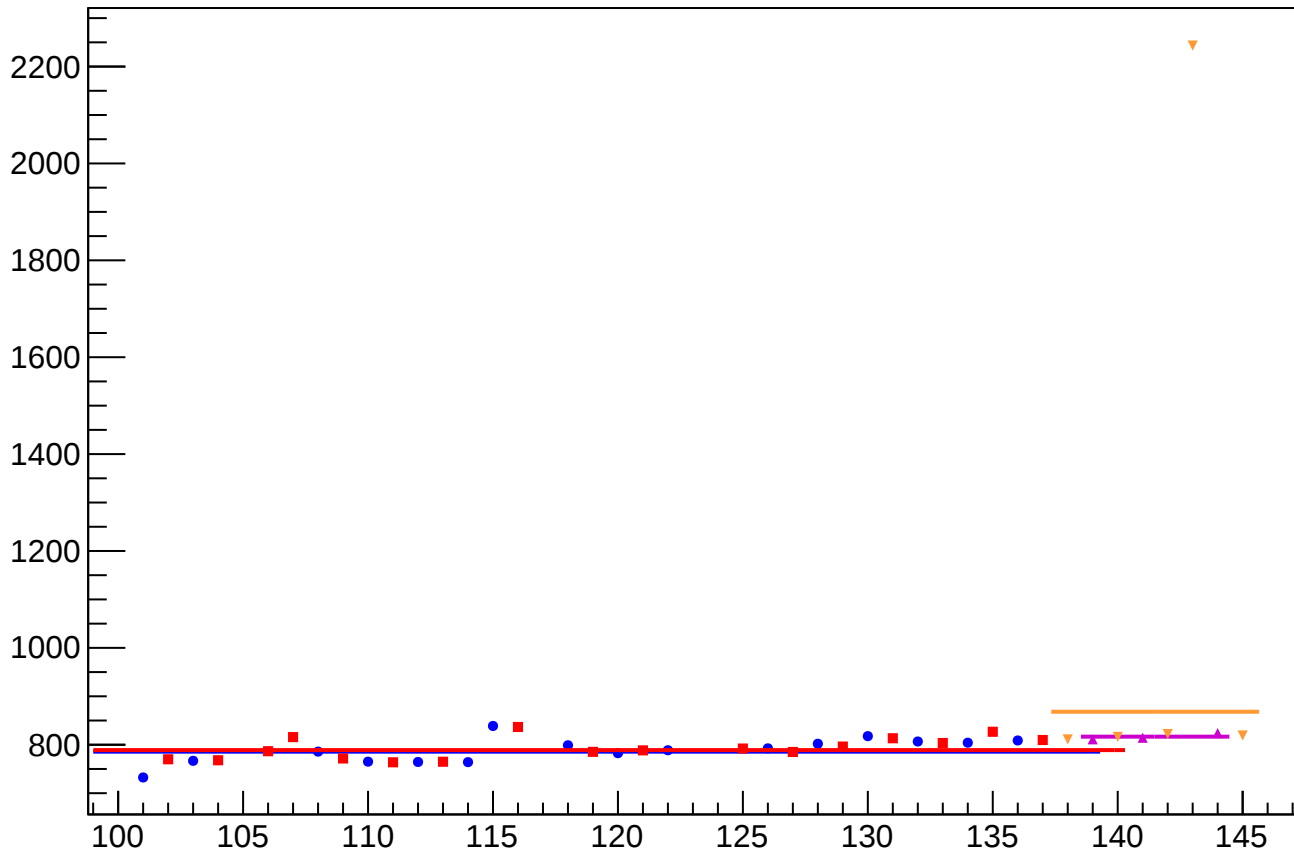
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -368.047 $\pm$ 261.935 χ^2/NDF : 15.4/18

Out: 44.652 $\pm$ 254.884 χ^2/NDF : 13.9/21

All: -156.067 $\pm$ 182.672 χ^2/NDF : 30.5/40

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: 816.690 $\pm$ 0.365 χ^2 /NDF:225.9/2

Left: 844.030 $\pm$ 0.250 χ^2 /NDF: 614190.1/7

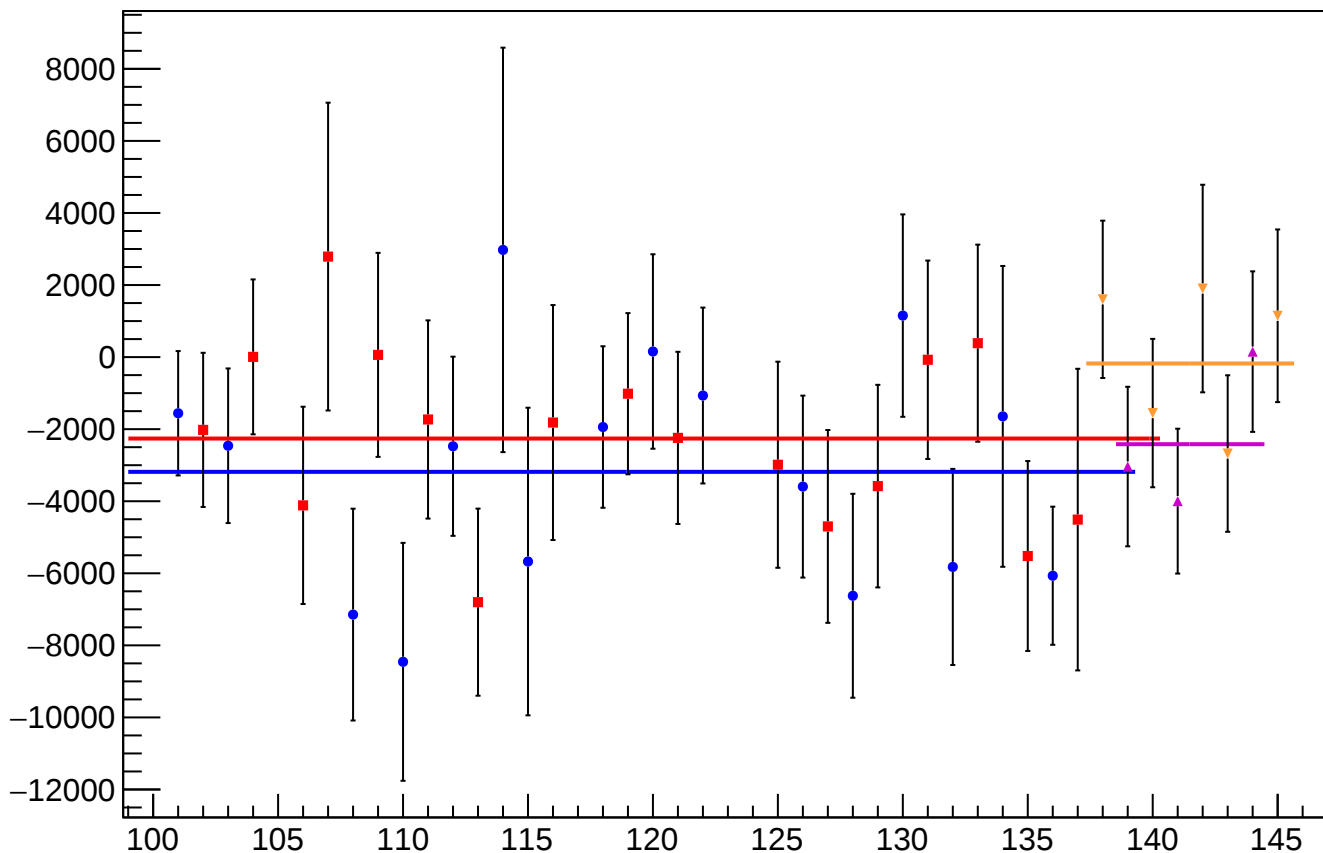
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 793.704 $\pm$ 0.185 χ^2 /NDF:19479.7/18

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

All: 802.494 $\pm$ 0.129 χ^2 /NDF: 675410.8/40

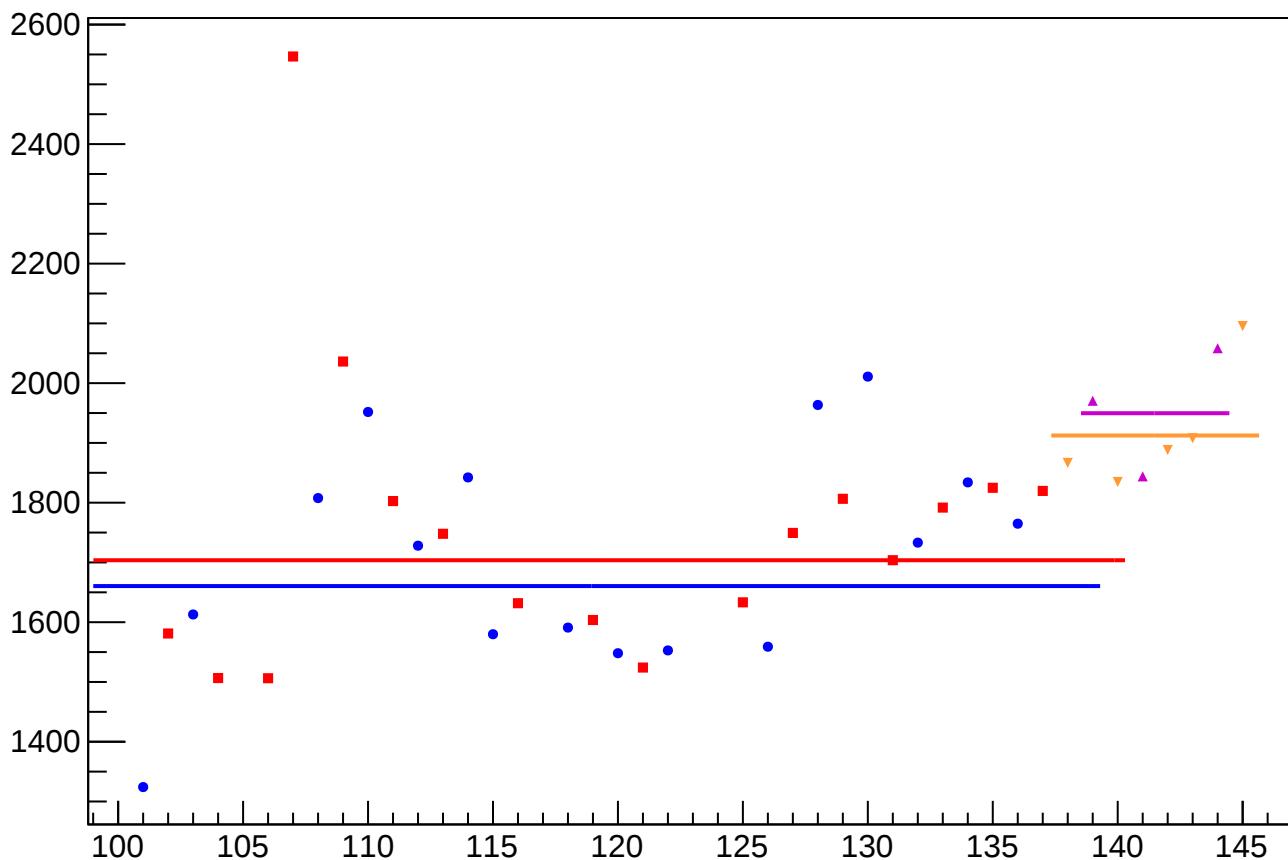
asym_us_dd_correction_mean vs Slug, Sign Corrected



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: -2417.080 $\pm$ 1237.435 χ^2 /NDF:2.0/2

Left: -1088.200 $\pm$ 789.277 χ^2 /NDF: 7.2/7
 Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32
 In: -3019.617 $\pm$ 573.609 χ^2 /NDF:19.1/18
 Out: -1659.961 $\pm$ 550.077 χ^2 /NDF:17.8/21
 All: -2311.329 $\pm$ 397.022 χ^2 /NDF: 39.9/40

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: 1949.704+/-0.875 χ^2/NDF : 10471.3/2

Left: 1927.595+/-0.558 χ^2/NDF : 27104.0/7

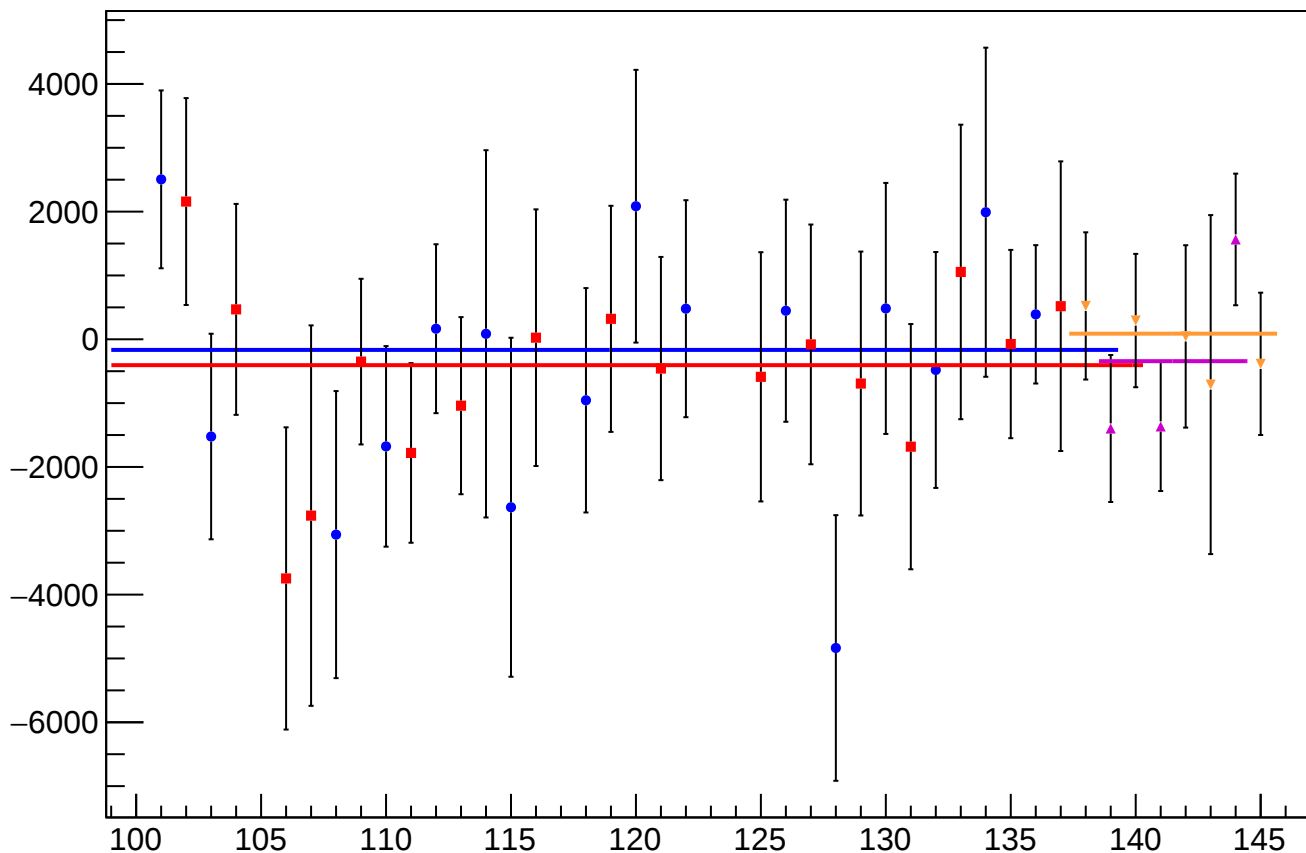
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

In: 1722.613+/-0.406 χ^2/NDF : 275469.5/18

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

All: 1744.081+/-0.281 χ^2/NDF : 526506.7/40

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: -342.649 ± 611.854 χ^2/NDF : 5.3/2

Left: -111.101 ± 416.081 χ^2/NDF : 6.0/7

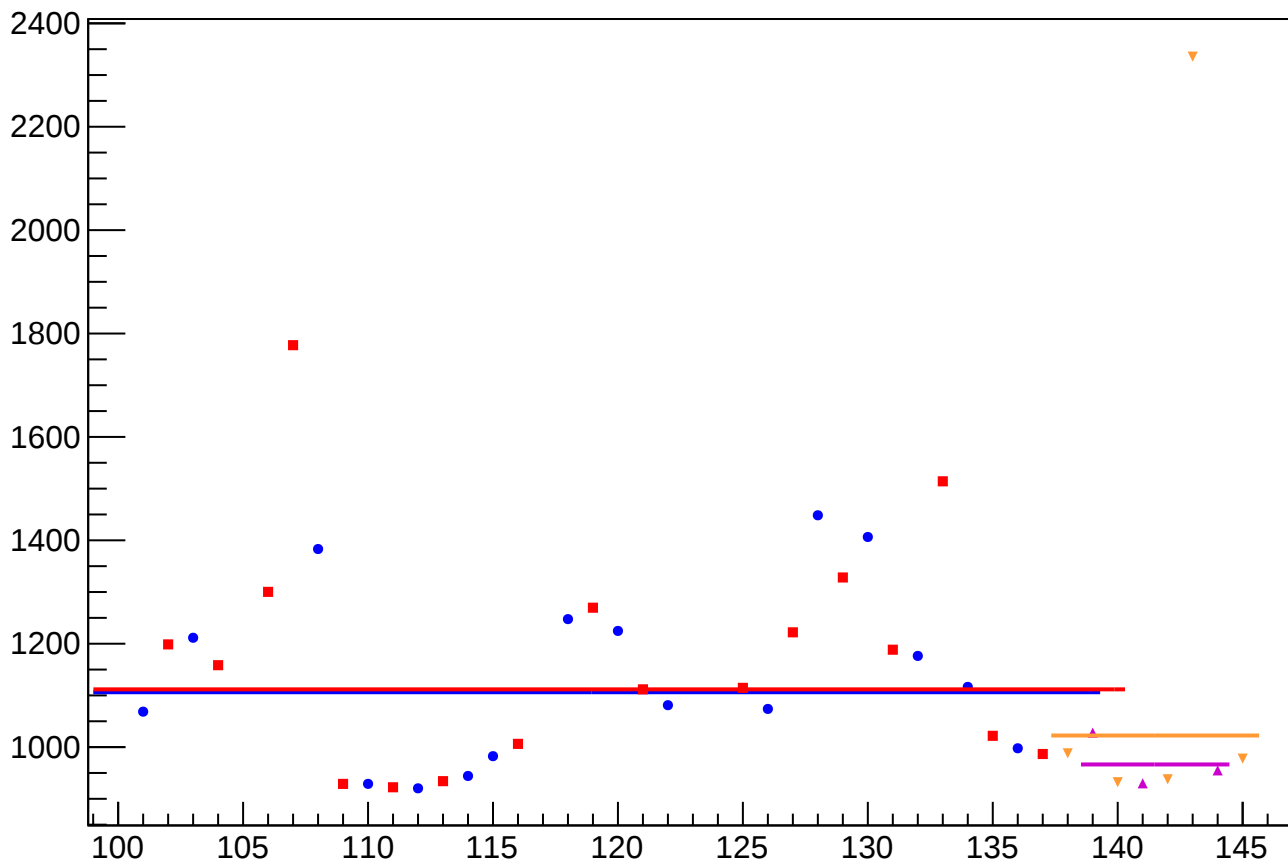
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

In: -225.128 ± 353.272 χ^2/NDF : 21.0/18

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

All: -225.616 ± 245.729 χ^2/NDF : 29.8/40

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: 966.451+/-0.433 χ^2/NDF : 8565.5/2

Left: 996.561+/-0.294 χ^2/NDF : 533677.2/7

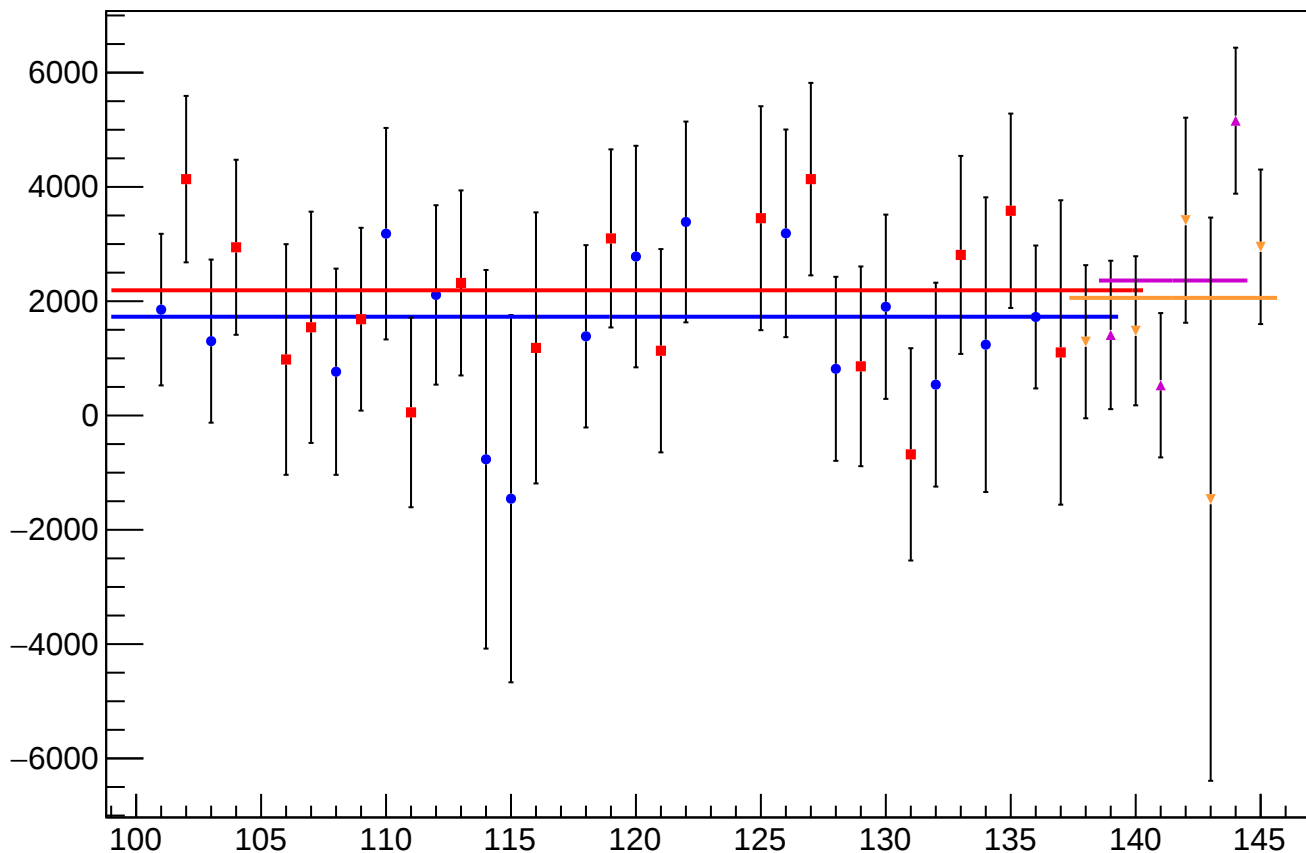
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1059.585+/-0.250 χ^2/NDF : 337996.0/18

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

All: 1069.763+/-0.174 χ^2/NDF : 1245208.9/40

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: 2362.072 $\pm$ 738.596 χ^2 /NDF:7.4/2

Left: 2201.999 $\pm$ 507.885 χ^2 /NDF: 9.6/7

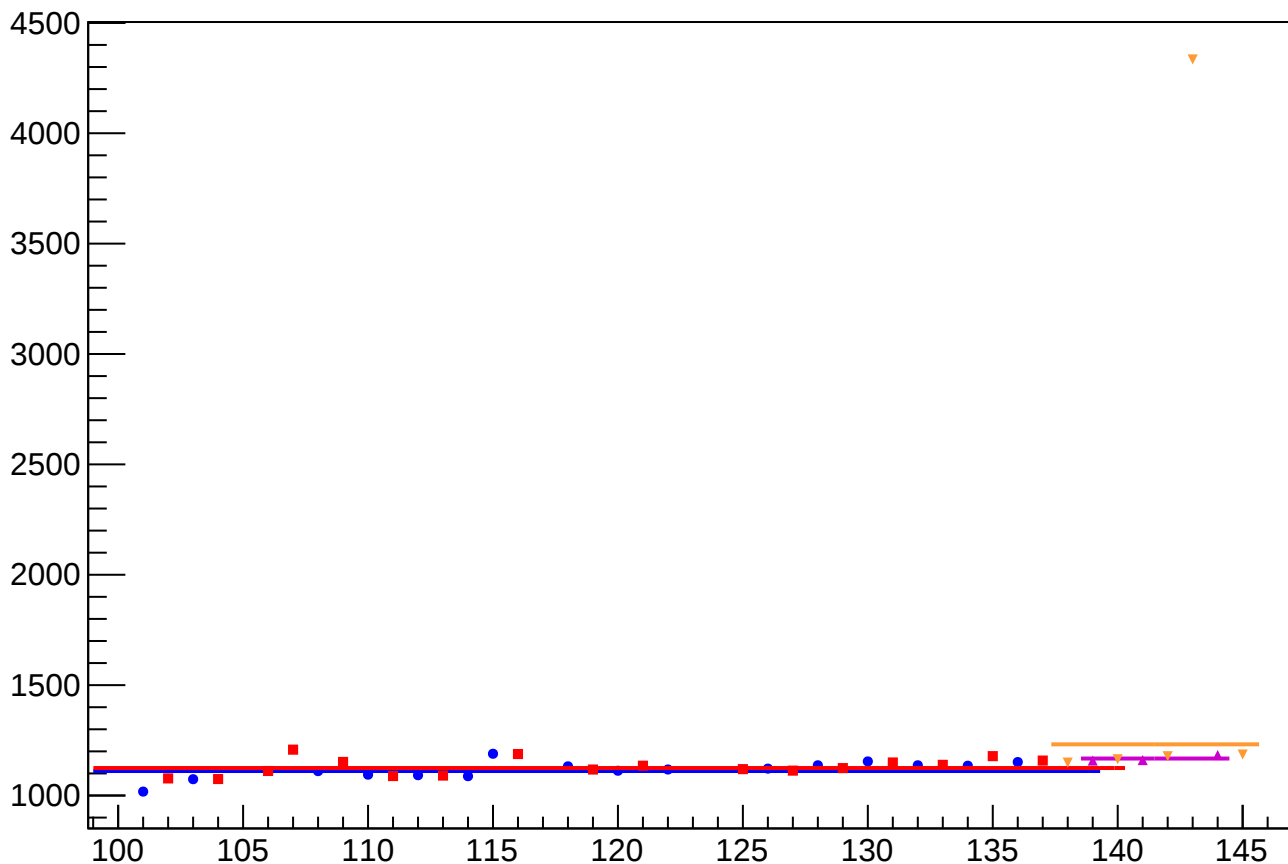
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

In: 1888.746 $\pm$ 371.483 χ^2 /NDF:13.3/18

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

All: 2024.342 $\pm$ 260.211 χ^2 /NDF: 26.4/40

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1231.815 $\pm$ 0.495 χ^2 /NDF: 809916.5/4

Right Out: 1124.514 $\pm$ 0.302 χ^2 /NDF: 14600.7/16

Left In: 1167.553 $\pm$ 0.522 χ^2 /NDF: 477.4/2

Left: 1201.429 $\pm$ 0.359 χ^2 /NDF: 818375.1/7

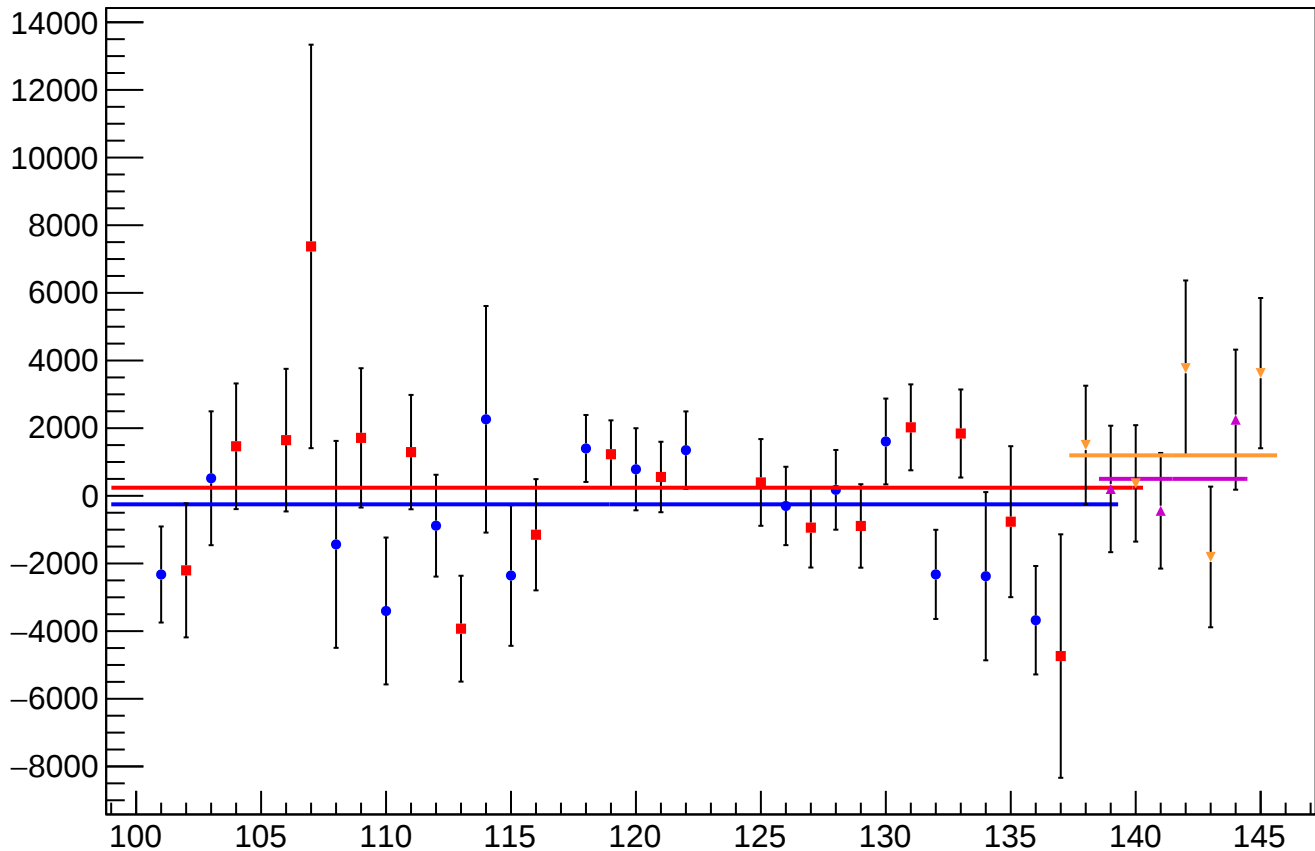
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1125.338 $\pm$ 0.263 χ^2 /NDF: 27314.5/18

Out: 1153.665 $\pm$ 0.258 χ^2 /NDF: 858791.7/21

All: 1139.766 $\pm$ 0.184 χ^2 /NDF: 892029.6/40

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: 501.808 $\pm$ 1077.223 χ^2/NDF : 1.0/2

Left: 912.725 $\pm$ 688.859 χ^2/NDF : 5.8/7

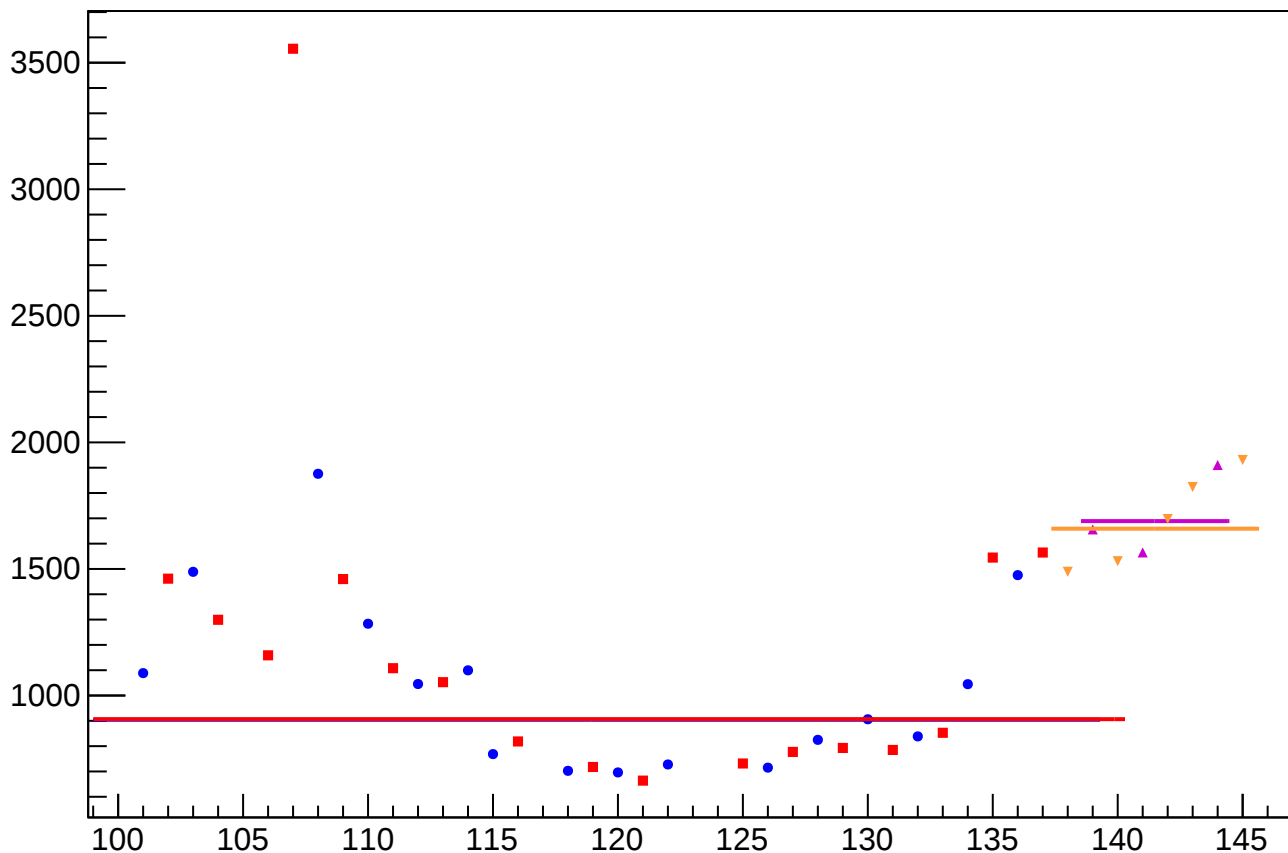
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -173.784 $\pm$ 345.653 χ^2/NDF : 23.3/18

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

All: 107.654 $\pm$ 241.336 χ^2/NDF : 51.2/40

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: 1689.068+/-0.762 χ^2/NDF : 34013.0/2

Left: 1671.372+/-0.487 χ^2/NDF : 107727.8/7

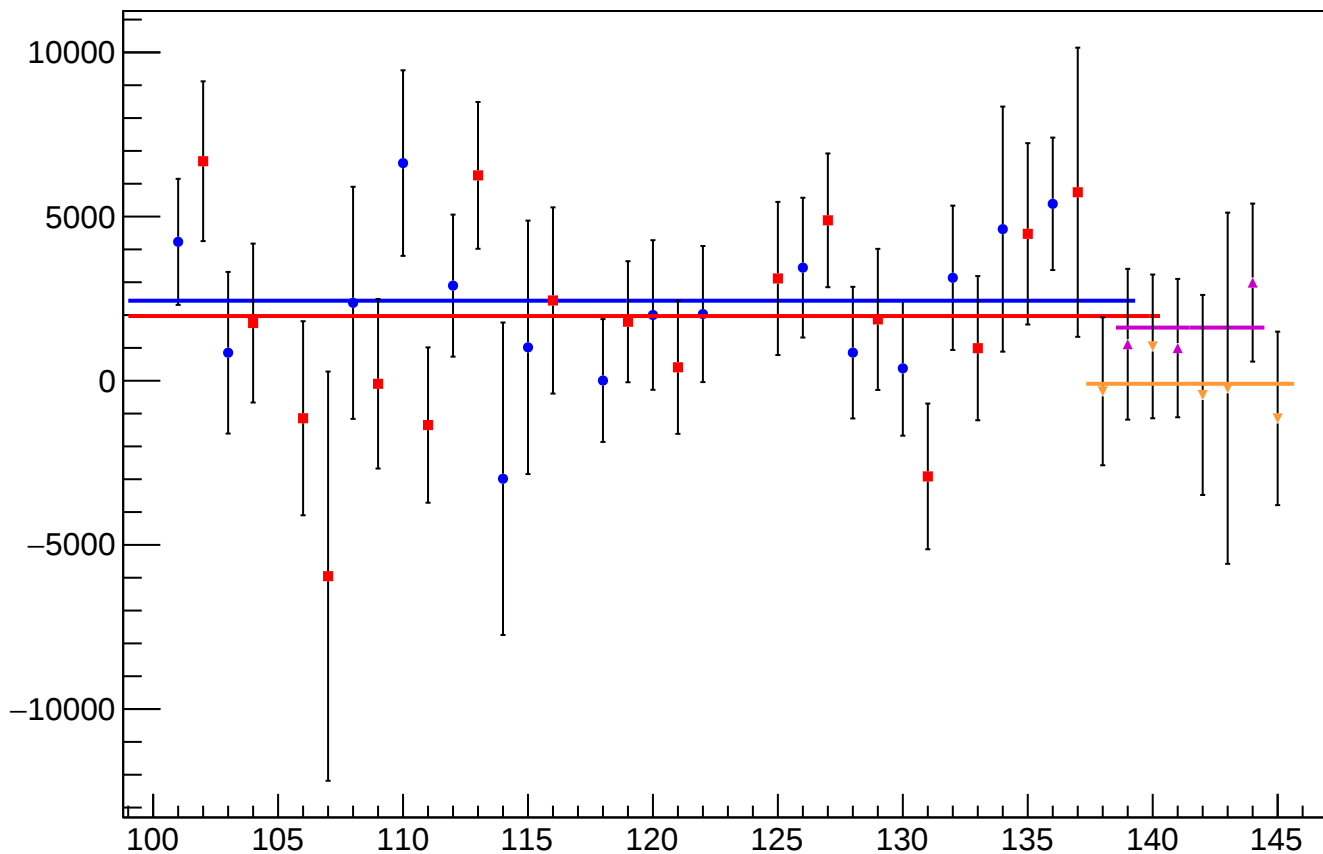
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 985.269+/-0.244 χ^2/NDF : 2006816.7/18

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

All: 999.542+/-0.171 χ^2/NDF : 4673437.8/40

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: 1618.551+/-1304.667 χ^2/NDF : 0.5/2

Left: 693.089+/-884.115 χ^2/NDF : 1.8/7

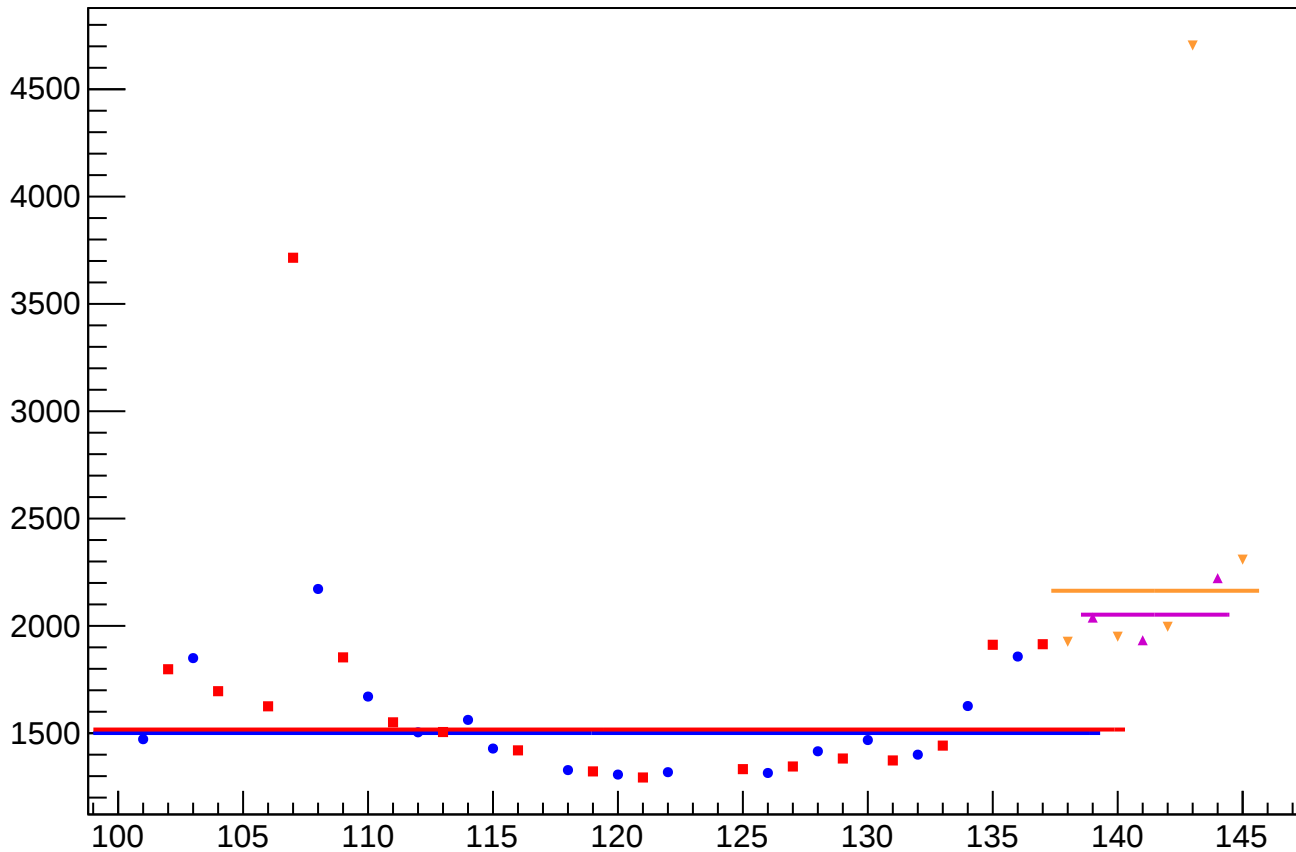
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 2299.937+/-534.730 χ^2/NDF : 12.0/18

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

All: 1931.669+/-375.435 χ^2/NDF : 38.0/40

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: 2052.242+/-0.923 χ^2/NDF : 16456.1/2

Left: 2112.481+/-0.625 χ^2/NDF : 529020.0/7

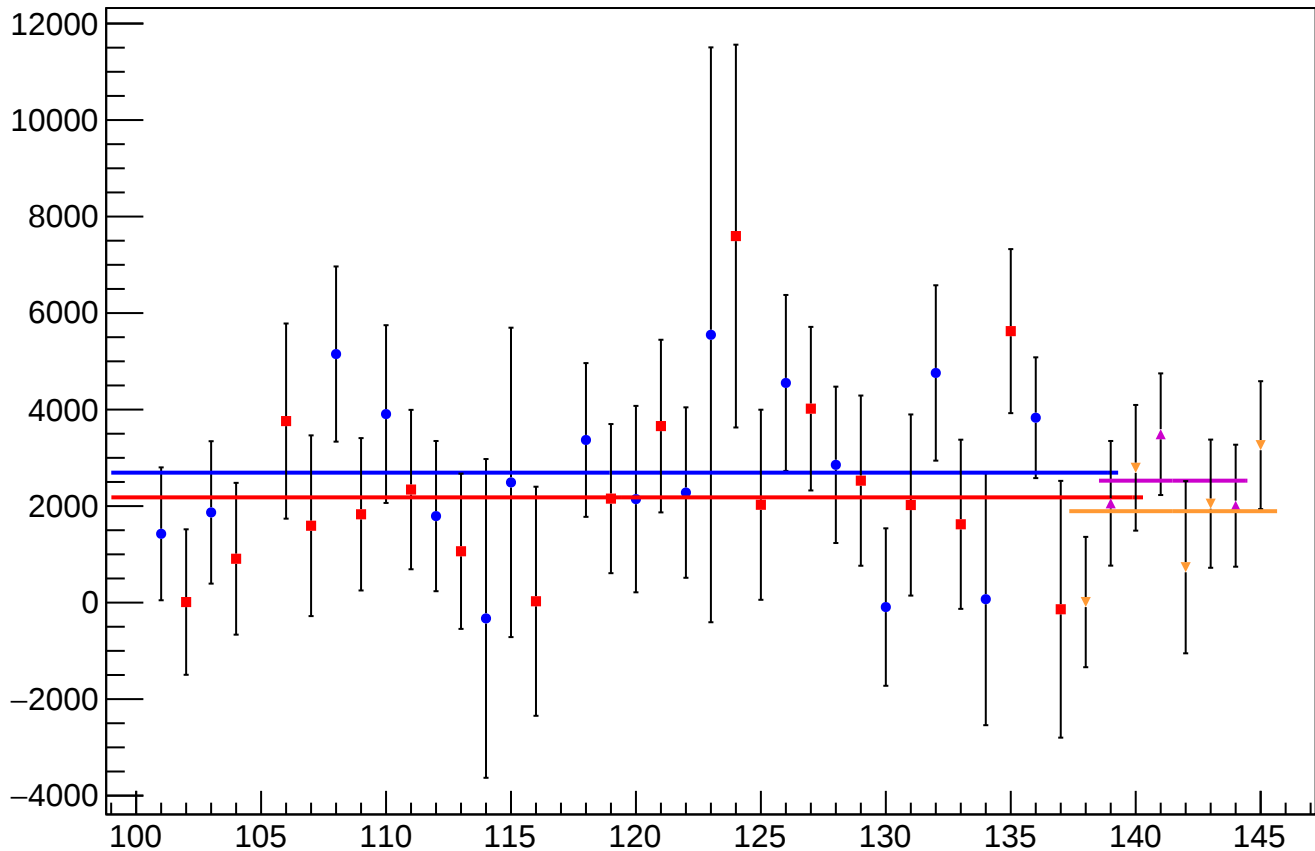
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1593.458+/-0.378 χ^2/NDF : 569929.4/18

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

All: 1617.796+/-0.265 χ^2/NDF : 2024949.4/40

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: 2526.936 $\pm$ 734.285 χ^2 /NDF: 0.9/2

Left: 2158.605 $\pm$ 474.423 χ^2 /NDF: 5.2/7

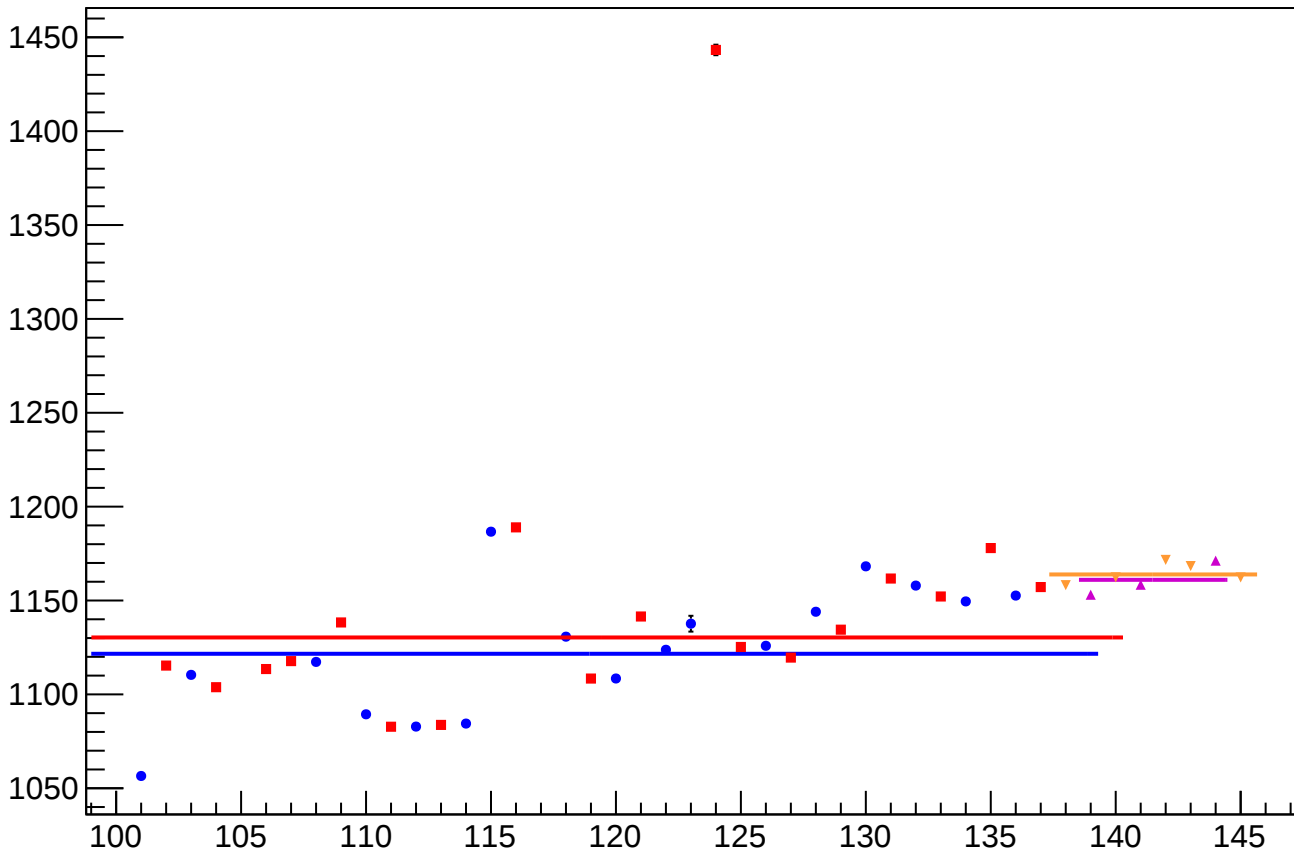
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2650.208 $\pm$ 372.735 χ^2 /NDF: 13.2/19

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

All: 2353.172 $\pm$ 255.566 χ^2 /NDF: 32.0/42

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: 1161.013 $\pm$ 0.519 χ^2/NDF :214.5/2

Left: 1162.684 $\pm$ 0.335 χ^2/NDF : 334.1/7

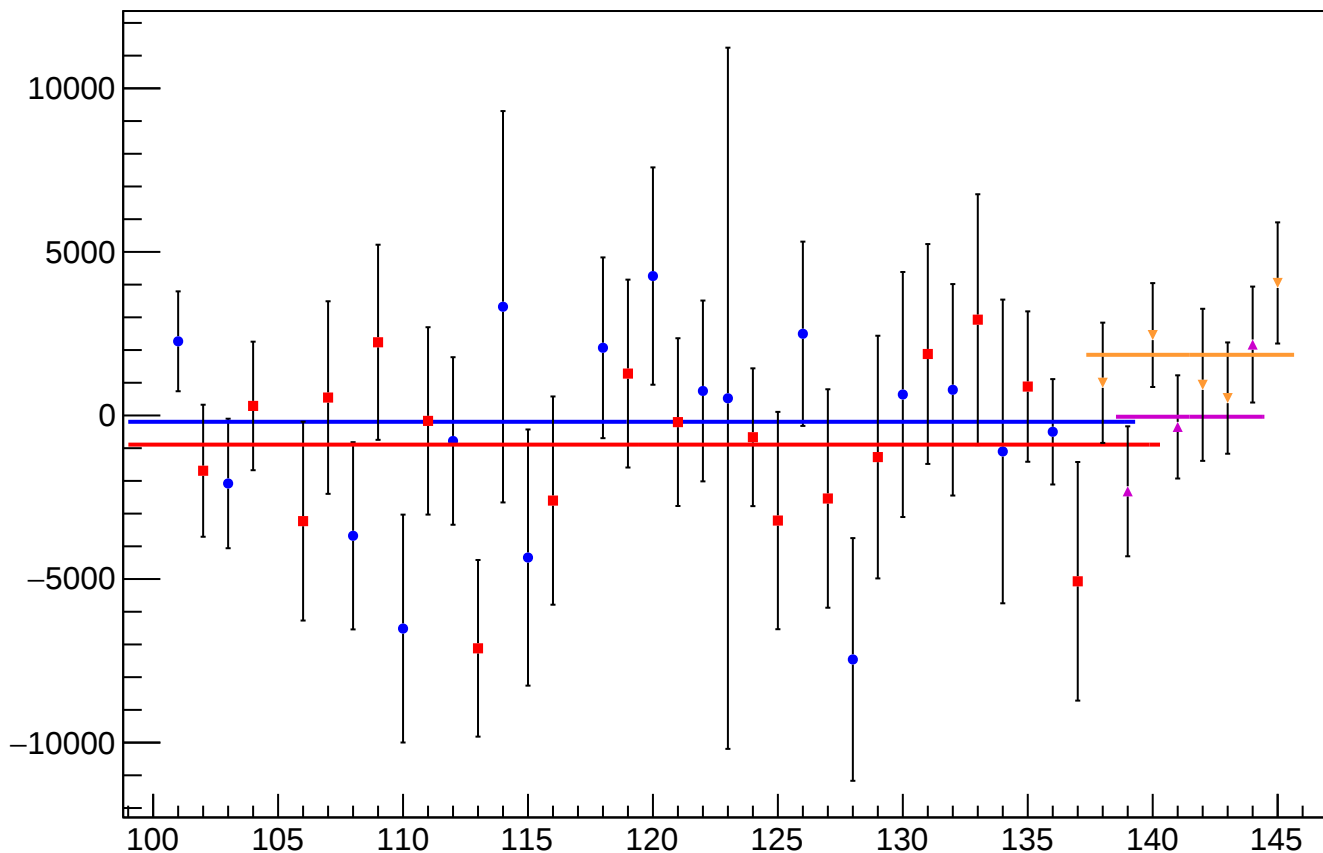
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

In: 1131.775 $\pm$ 0.264 χ^2/NDF :16466.4/19

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

All: 1136.676 $\pm$ 0.181 χ^2/NDF : 42468.1/42

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1854.269 ± 812.490 $\chi^2/\text{NDF}: 2.5/4$

Right Out: -891.057 ± 649.405 $\chi^2/\text{NDF}: 13.1/17$

Left In: -38.870 ± 1013.433 $\chi^2/\text{NDF}: 2.9/2$

Left: 1113.546 ± 633.916 $\chi^2/\text{NDF}: 7.6/7$

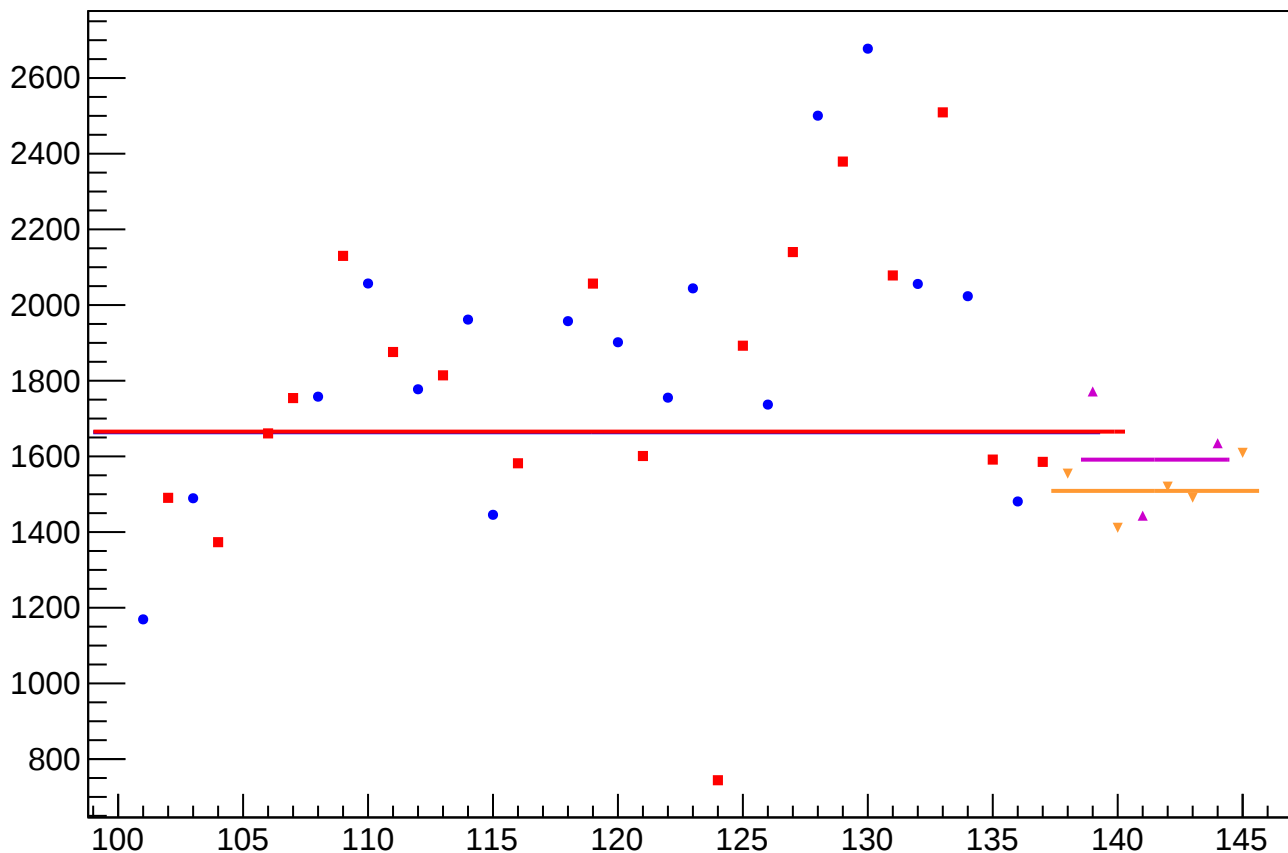
Right: -548.030 ± 463.023 $\chi^2/\text{NDF}: 31.0/34$

In: -147.296 ± 553.267 $\chi^2/\text{NDF}: 20.3/19$

Out: 179.109 ± 507.279 $\chi^2/\text{NDF}: 22.6/22$

All: 30.034 ± 373.903 $\chi^2/\text{NDF}: 43.1/42$

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: 1591.410+/-0.717 χ^2/NDF :35293.7/2

Left: 1541.148+/-0.448 χ^2/NDF : 58312.4/7

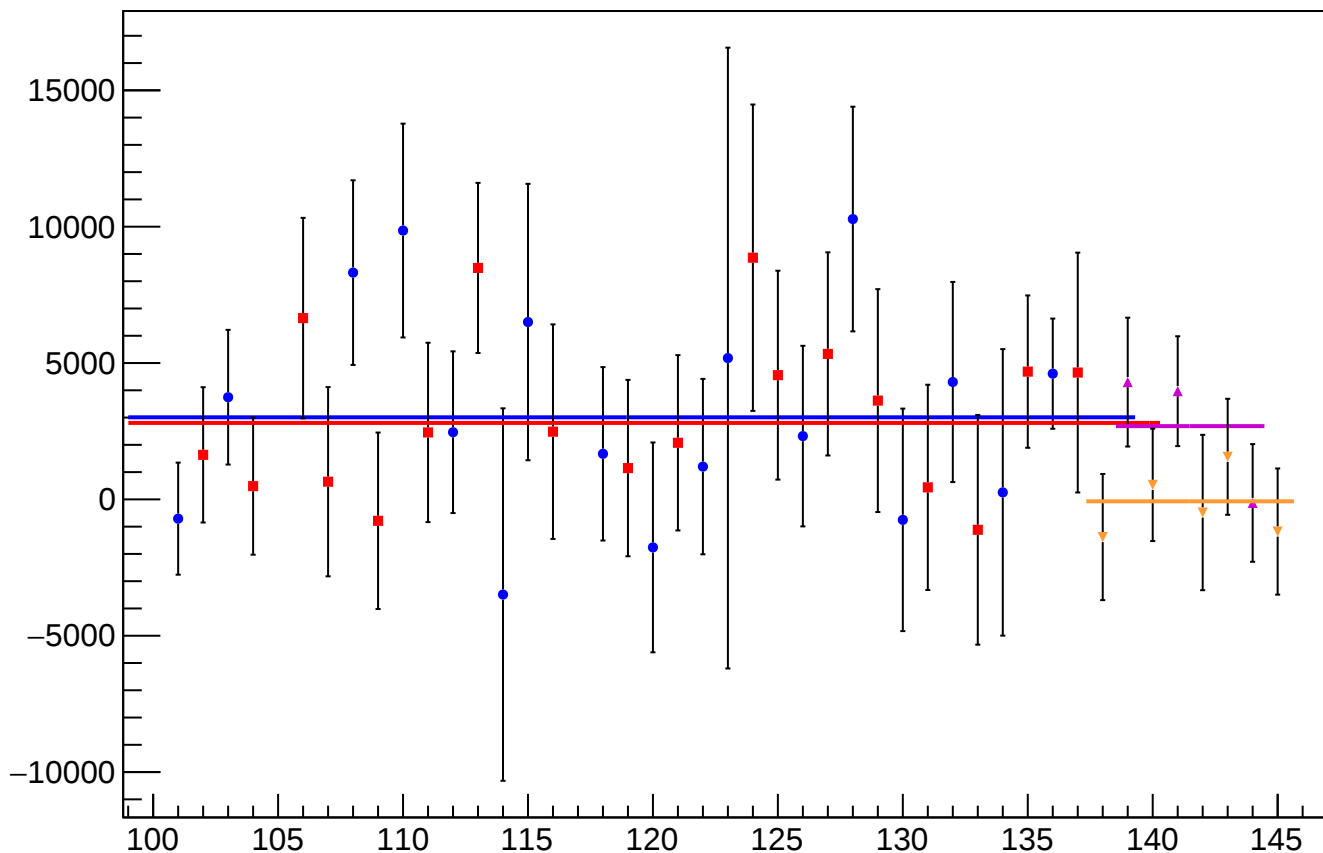
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1642.210+/-0.391 χ^2/NDF :664930.5/19

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

All: 1621.675+/-0.264 χ^2/NDF : 1533080.3/42

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: 2686.370+/-1249.479 χ^2/NDF : 2.6/2

Left: 1037.111+/-792.050 χ^2/NDF : 6.7/7

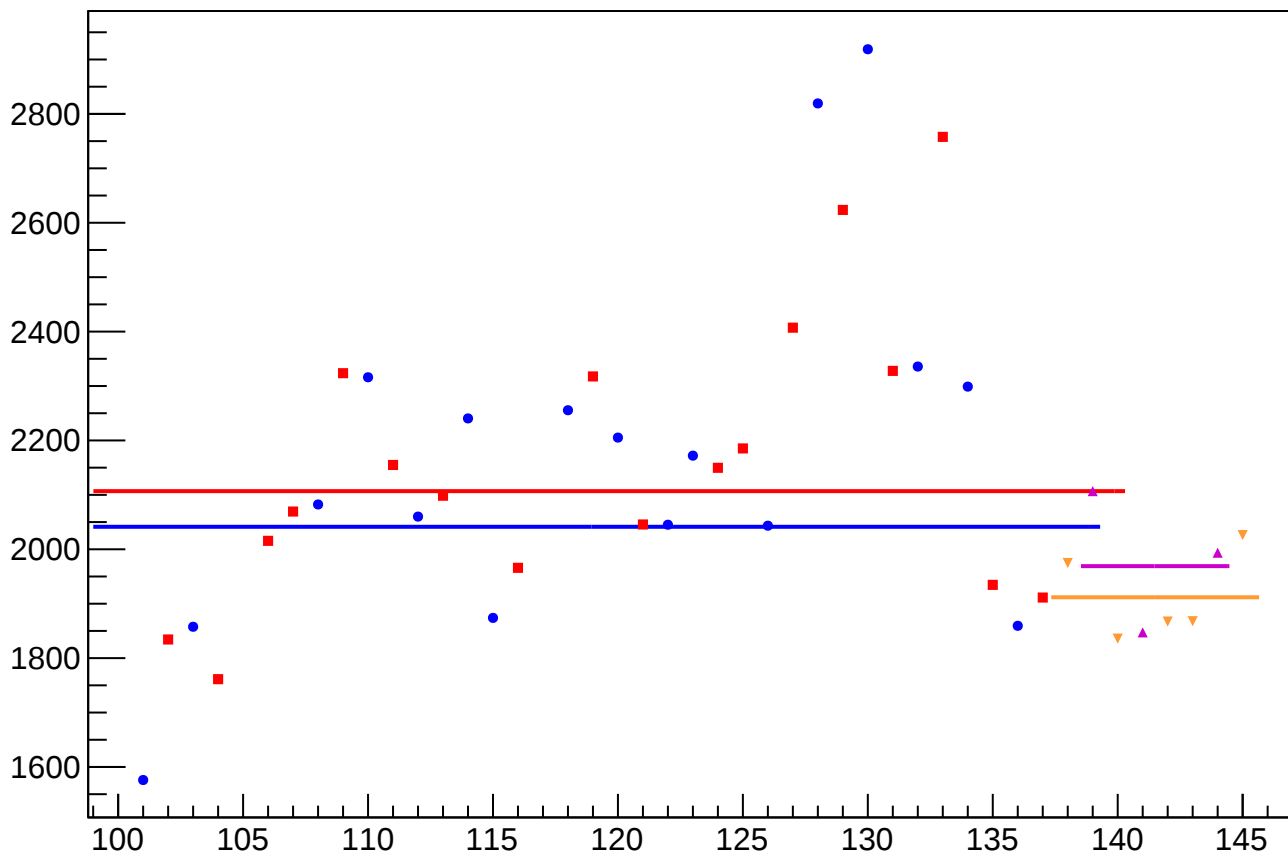
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2915.388+/-673.525 χ^2/NDF : 20.0/19

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

All: 2275.493+/-460.190 χ^2/NDF : 39.0/42

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: 1969.029+/-0.884 χ^2/NDF :14372.8/2

Left: 1934.814+/-0.560 χ^2/NDF : 27305.3/7

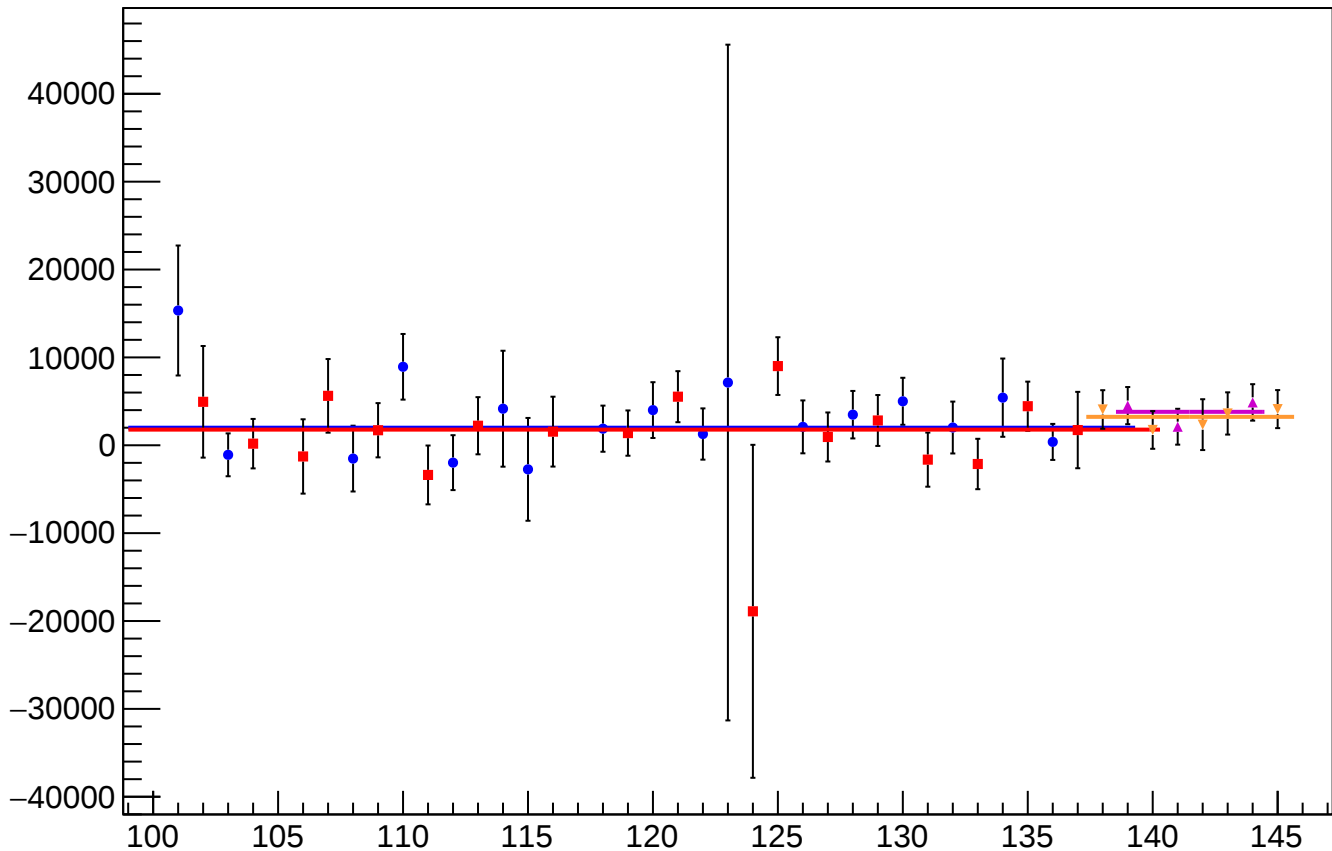
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 2020.335+/-0.476 χ^2/NDF :357563.0/19

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

All: 2027.080+/-0.325 χ^2/NDF : 610142.6/42

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: 3806.402+/-1198.801 χ^2/NDF : 1.1/2

Left: 3479.426+/-784.011 χ^2/NDF : 2.1/7

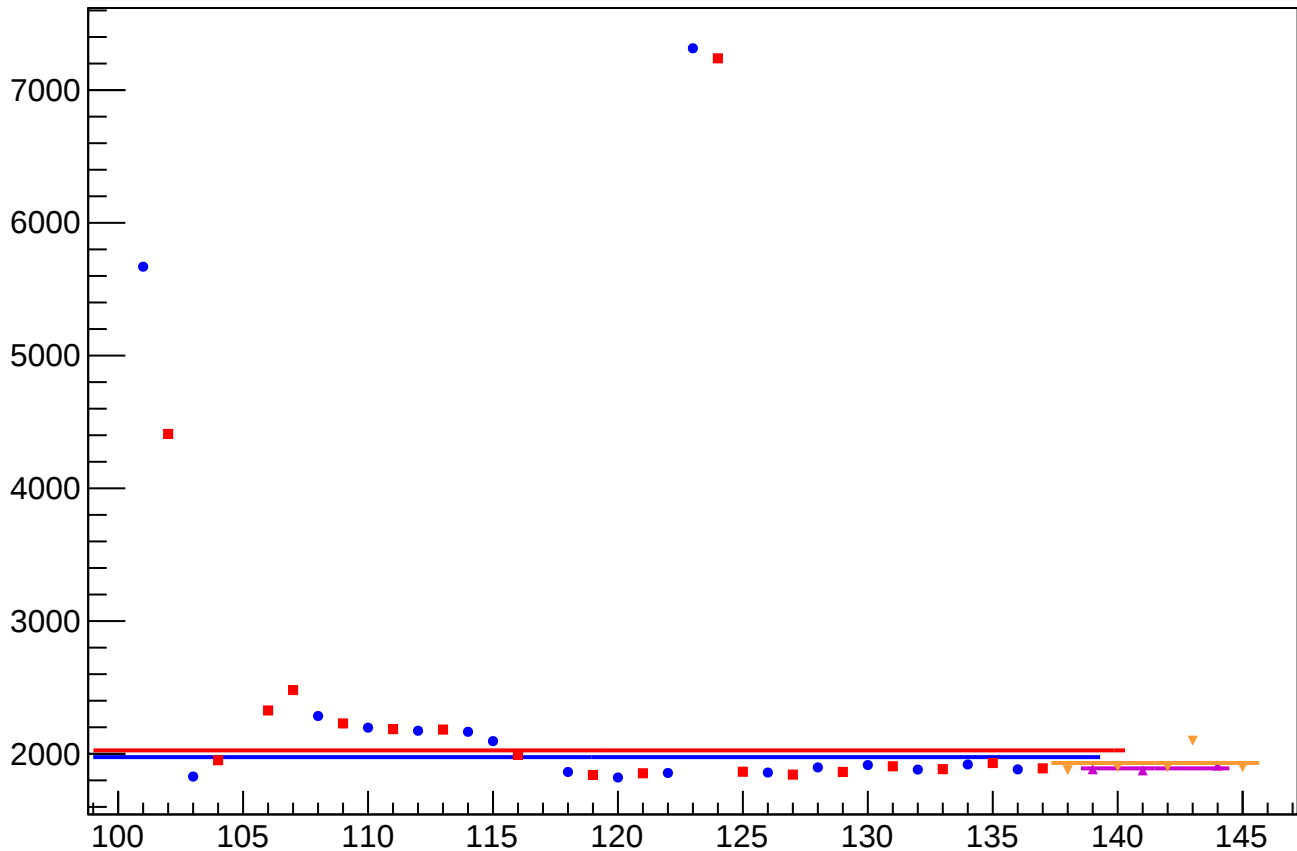
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2538.767+/-654.740 χ^2/NDF : 17.5/19

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

All: 2418.342+/-451.767 χ^2/NDF : 36.0/42

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: 1890.447+/-0.848 χ^2/NDF : 331.8/2

Left: 1913.674+/-0.554 χ^2/NDF : 13729.0/7

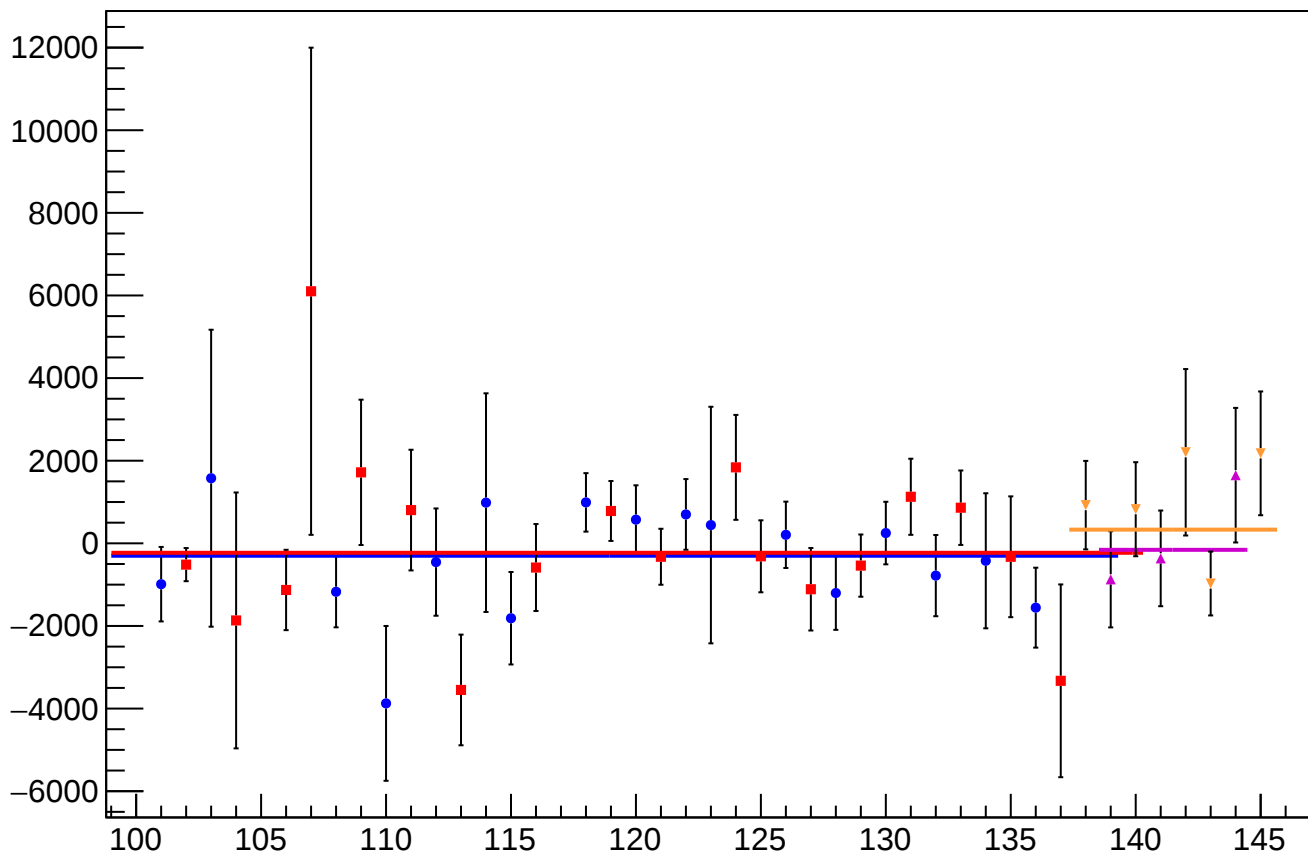
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1949.855+/-0.463 χ^2/NDF : 607163.0/19

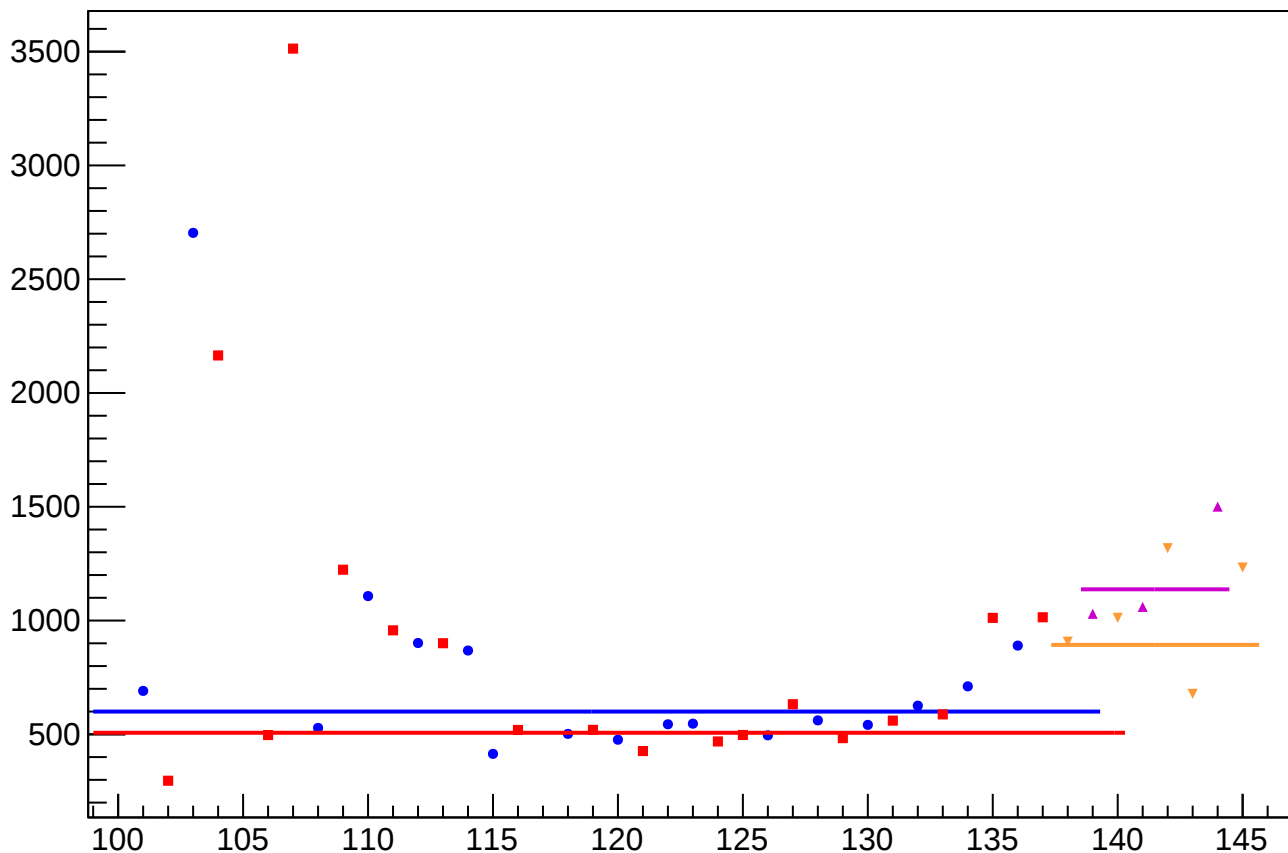
Out: 1991.473+/-0.441 χ^2/NDF : 558144.1/22

All: 1971.659+/-0.319 χ^2/NDF : 1169540.7/42

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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: 1137.246+/-0.518 χ^2/NDF : 125521.7/2

Left: 970.454+/-0.292 χ^2/NDF : 646345.9/7

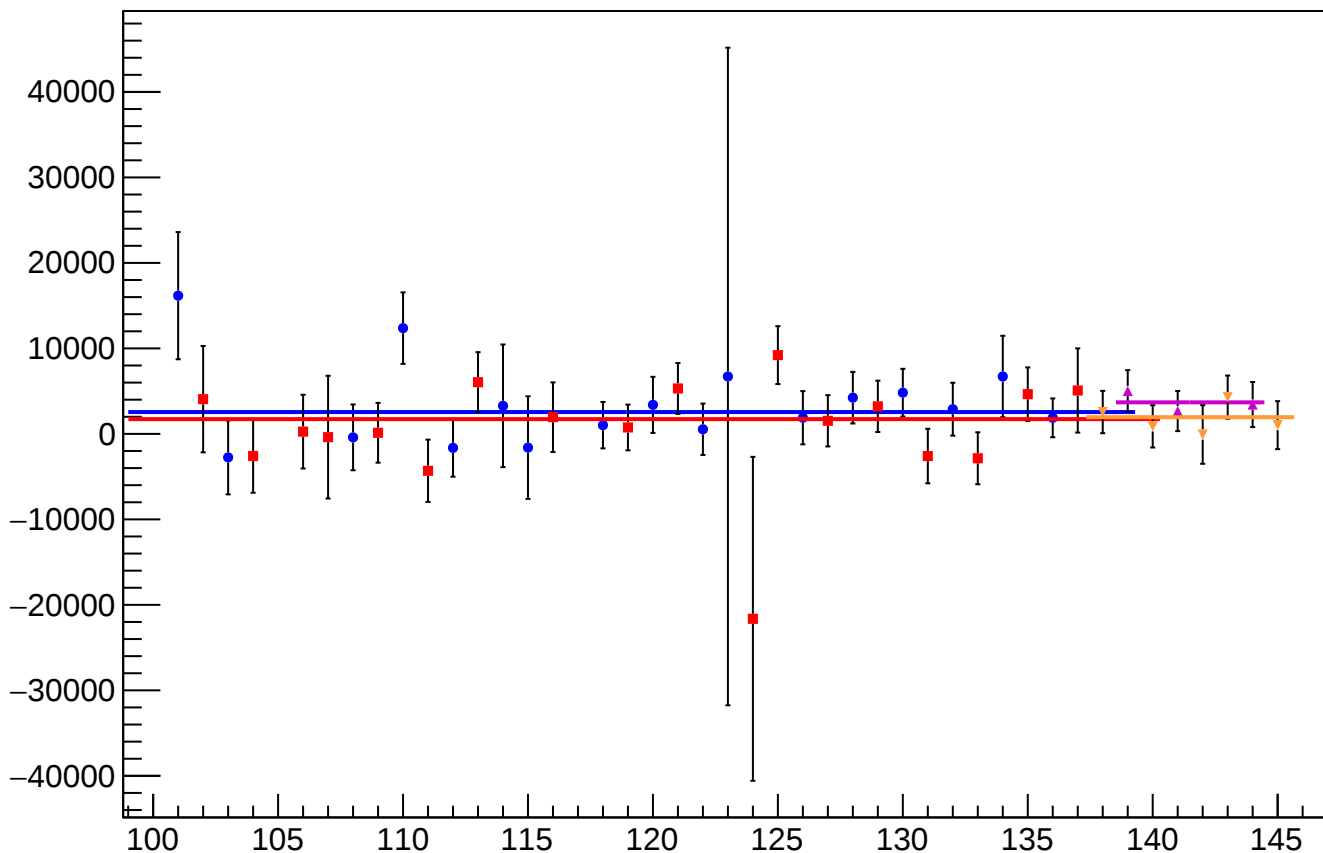
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 654.582+/-0.165 χ^2/NDF : 2471791.1/19

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

All: 603.908+/-0.107 χ^2/NDF : 6771433.1/42

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: 3689.094 $\pm$ 1424.565 χ^2 /NDF:0.5/2

Left: 2672.100 $\pm$ 917.122 χ^2 /NDF: 2.9/7

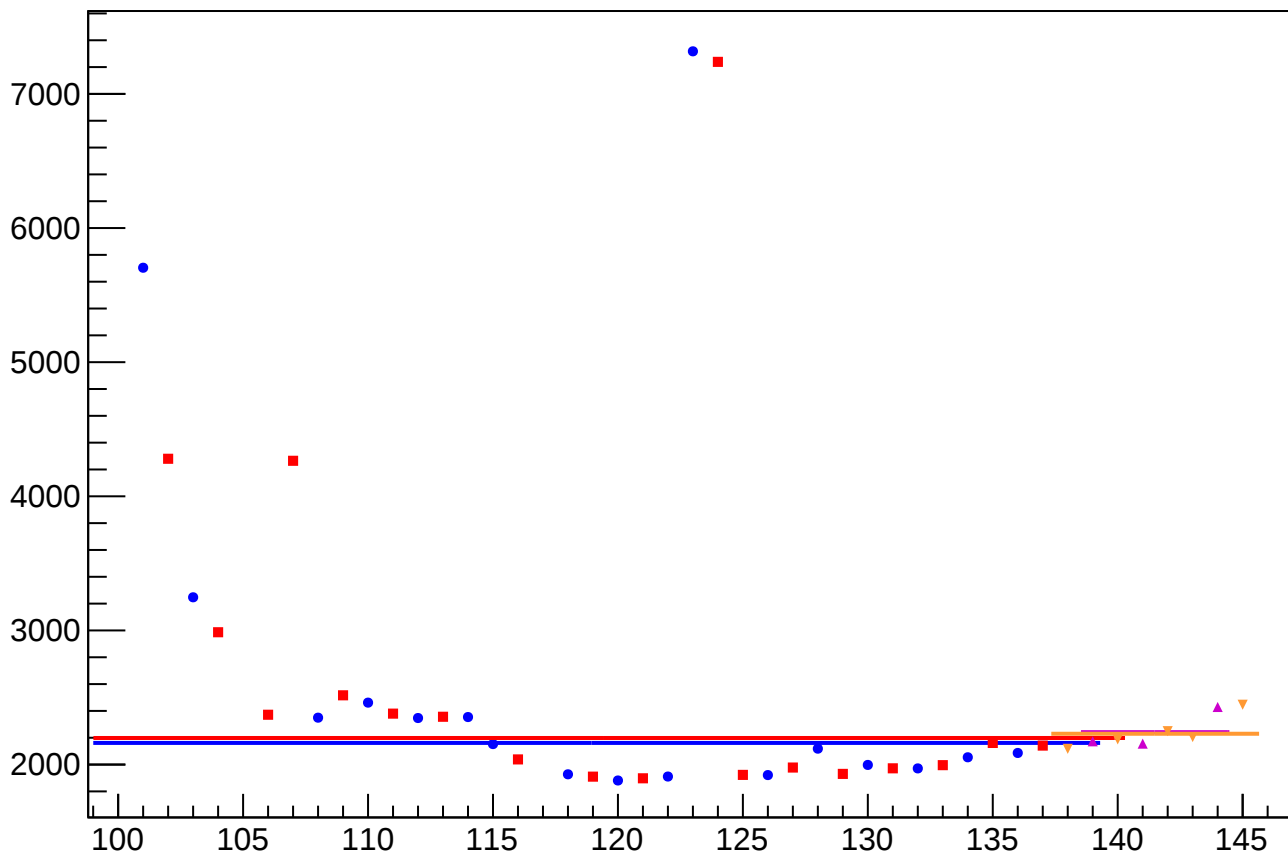
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2856.324 $\pm$ 735.555 χ^2 /NDF:16.7/19

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

All: 2300.694 $\pm$ 505.602 χ^2 /NDF: 38.9/42

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2229.746+/-0.847 χ^2/NDF :16850.9/4

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

Left In: 2241.789+/-1.007 χ^2/NDF :14358.2/2

Left: 2234.737+/-0.649 χ^2/NDF : 31292.7/7

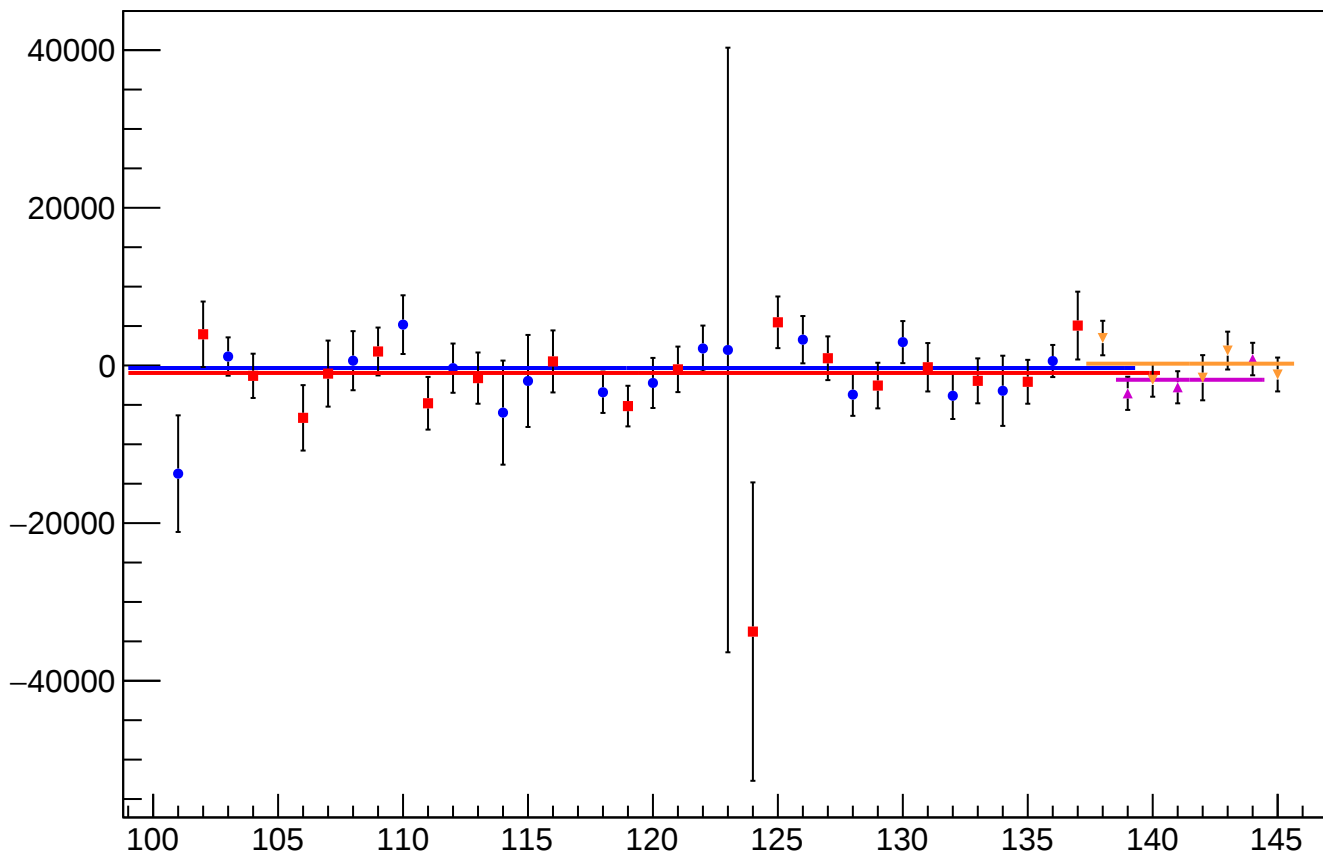
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2182.845+/-0.520 χ^2/NDF :730280.2/19

Out: 2208.833+/-0.492 χ^2/NDF :751643.3/22

All: 2196.555+/-0.358 χ^2/NDF : 1483240.4/42

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: -1816.130+/-1192.757 χ^2/NDF : 2.5/2

Left: -647.225+/-780.026 χ^2/NDF : 8.6/7

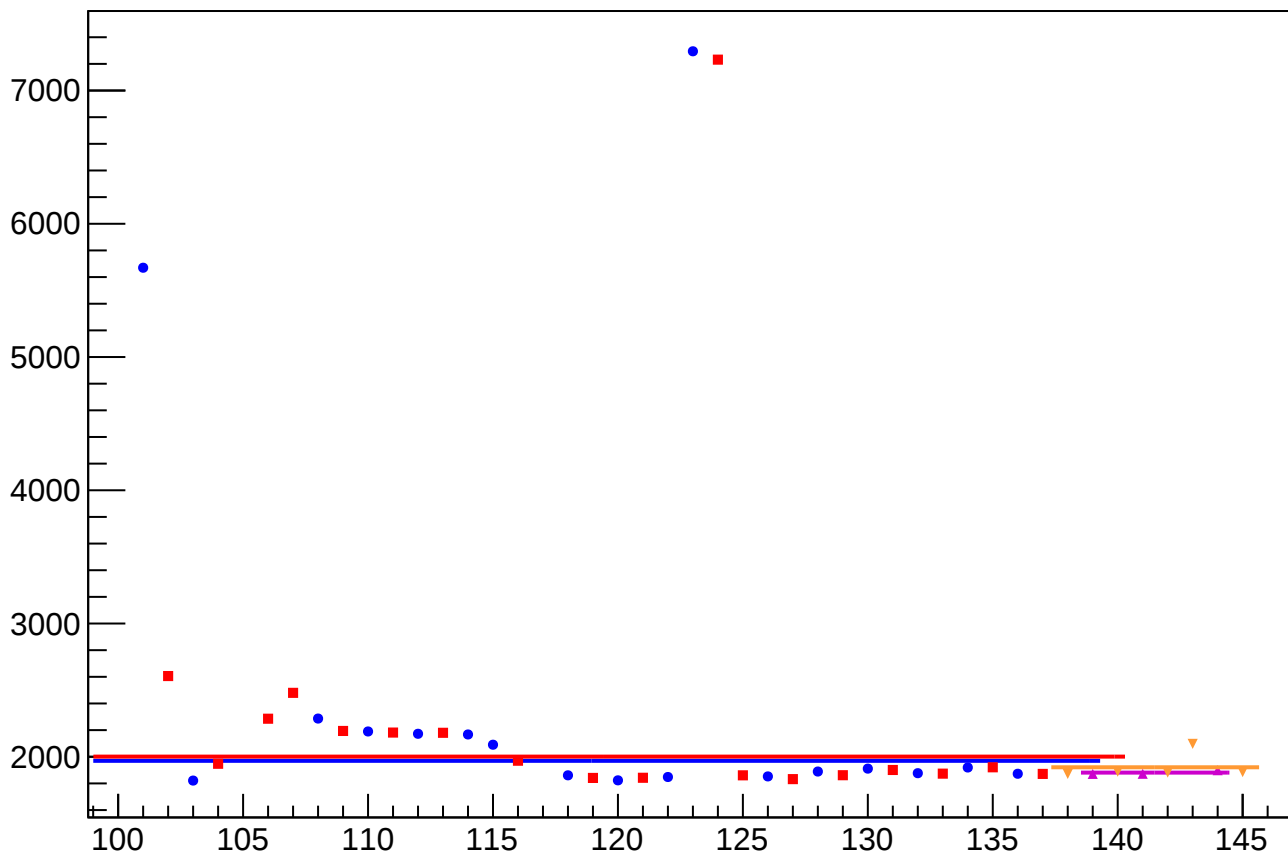
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -770.384+/-652.518 χ^2/NDF : 19.3/19

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

All: -643.228+/-448.351 χ^2/NDF : 42.9/42

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: 1881.119+/-0.843 χ^2/NDF :230.0/2

Left: 1903.987+/-0.552 χ^2/NDF : 14703.6/7

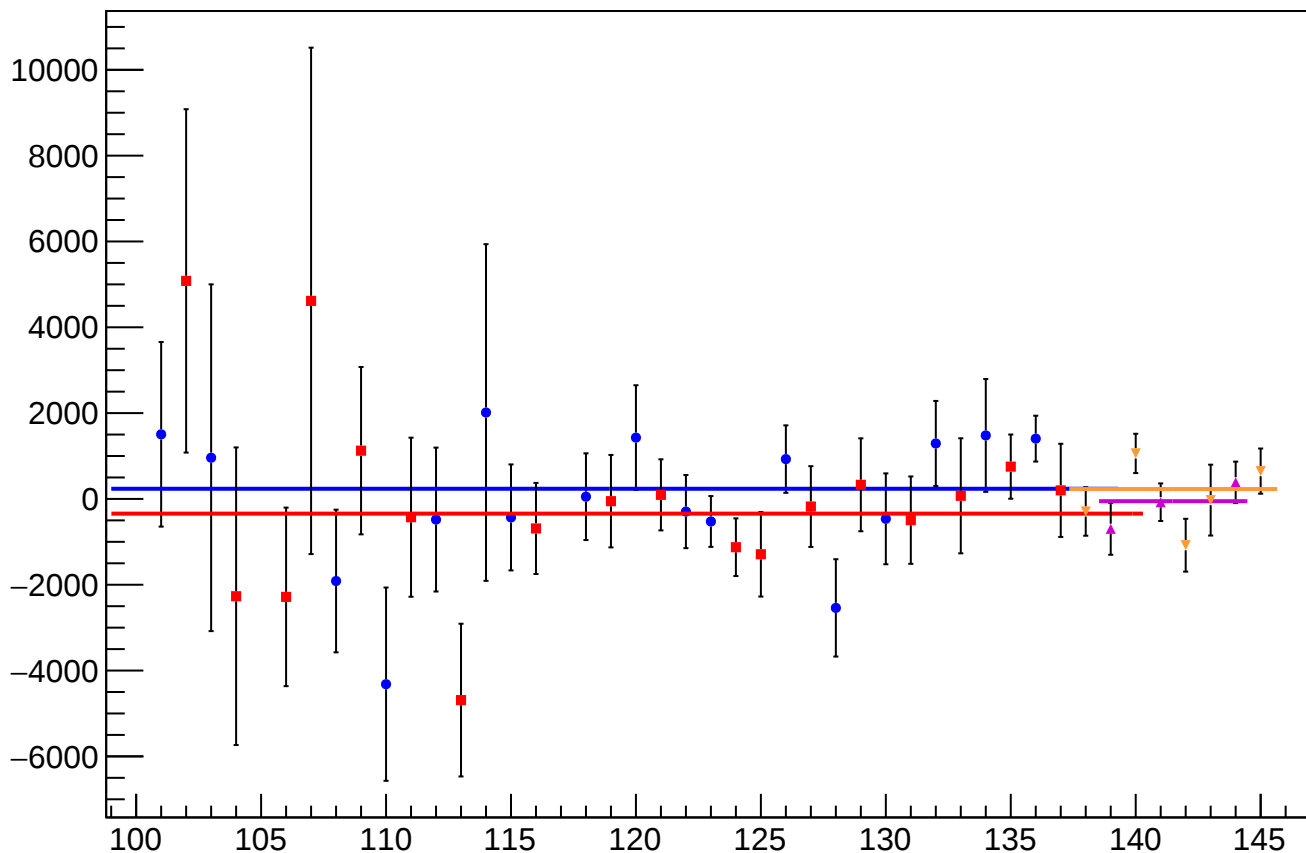
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1943.045+/-0.461 χ^2/NDF :610734.1/19

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

All: 1958.586+/-0.317 χ^2/NDF : 924443.9/42

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864+/-248.604 χ^2/NDF : 23.9/16

Left Out: 230.091+/-253.084 χ^2/NDF : 9.4/4

Right Out: -342.796+/-268.580 χ^2/NDF : 15.9/17

Left In: -52.648+/-285.897 χ^2/NDF : 2.0/2

Left: 105.871+/-189.501 χ^2/NDF : 11.9/7

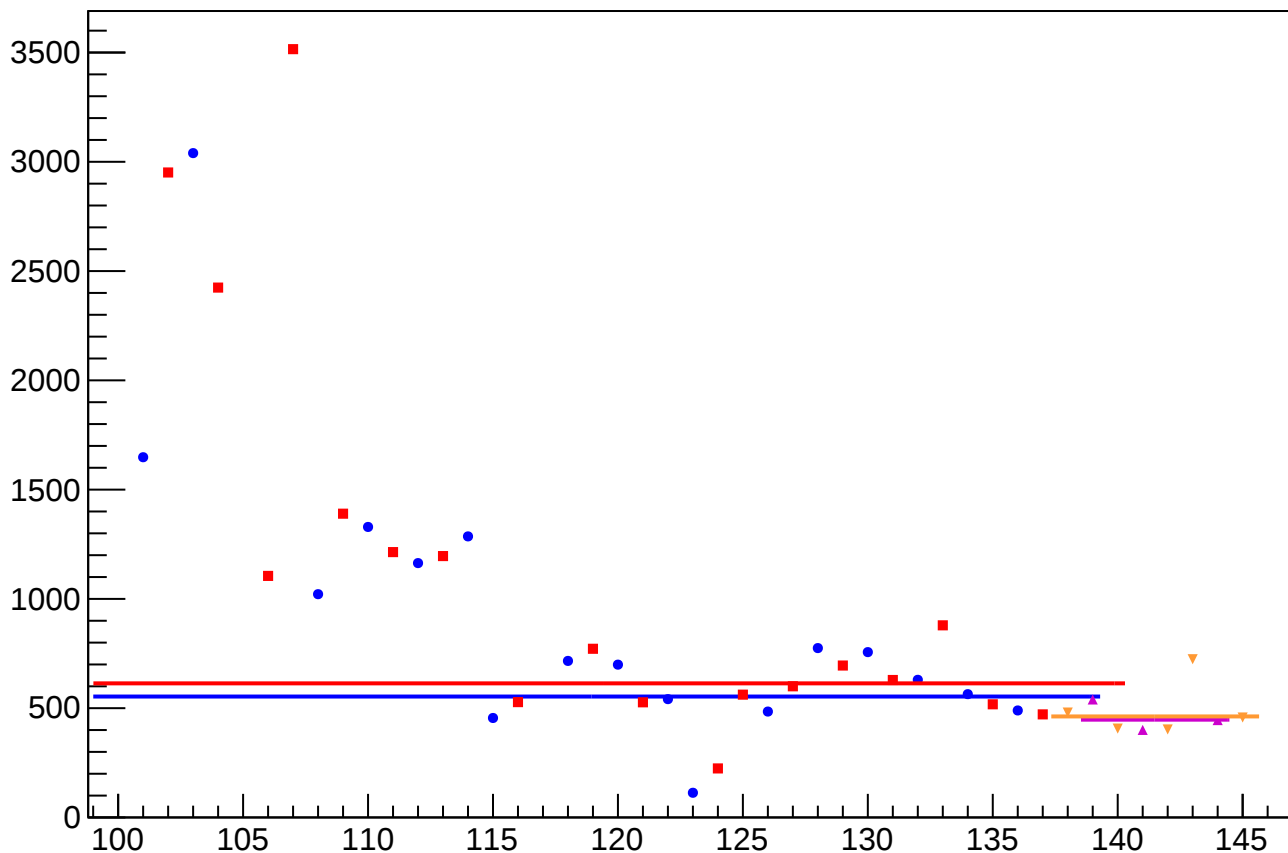
Right: -30.610+/-182.443 χ^2/NDF : 42.3/34

In: 112.210+/-187.599 χ^2/NDF : 26.4/19

Out: -39.350+/-184.192 χ^2/NDF : 27.7/22

All: 35.041+/-131.431 χ^2/NDF : 54.5/42

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: 447.457+/-0.202 χ^2/NDF : 69553.0/2

Left: 455.732+/-0.134 χ^2/NDF : 323833.9/7

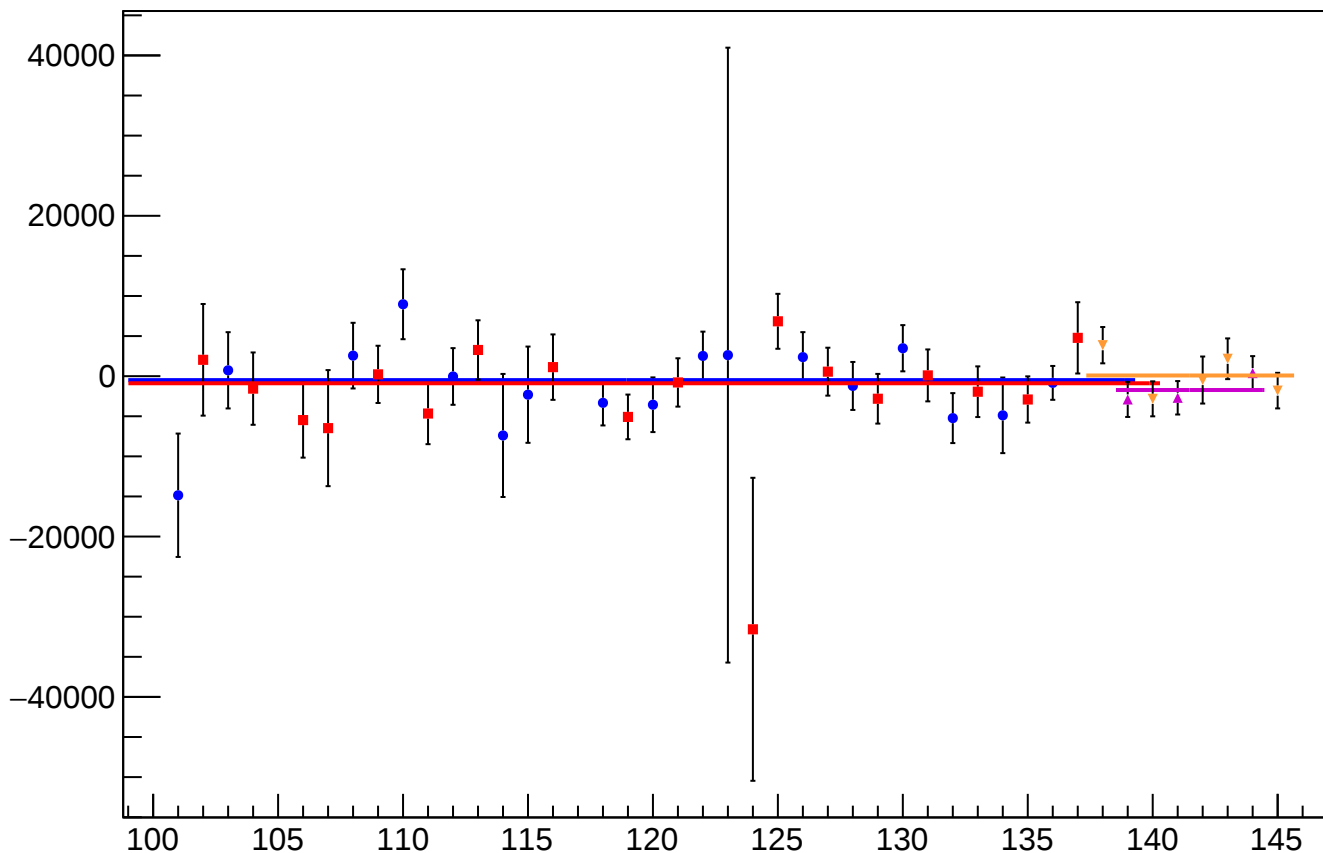
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 507.716+/-0.133 χ^2/NDF : 3638332.3/19

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

All: 520.795+/-0.093 χ^2/NDF : 7721545.0/42

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: -1725.476+/-1228.578 χ^2/NDF :1.5/2

Left: -692.427+/-805.277 χ^2/NDF : 8.7/7

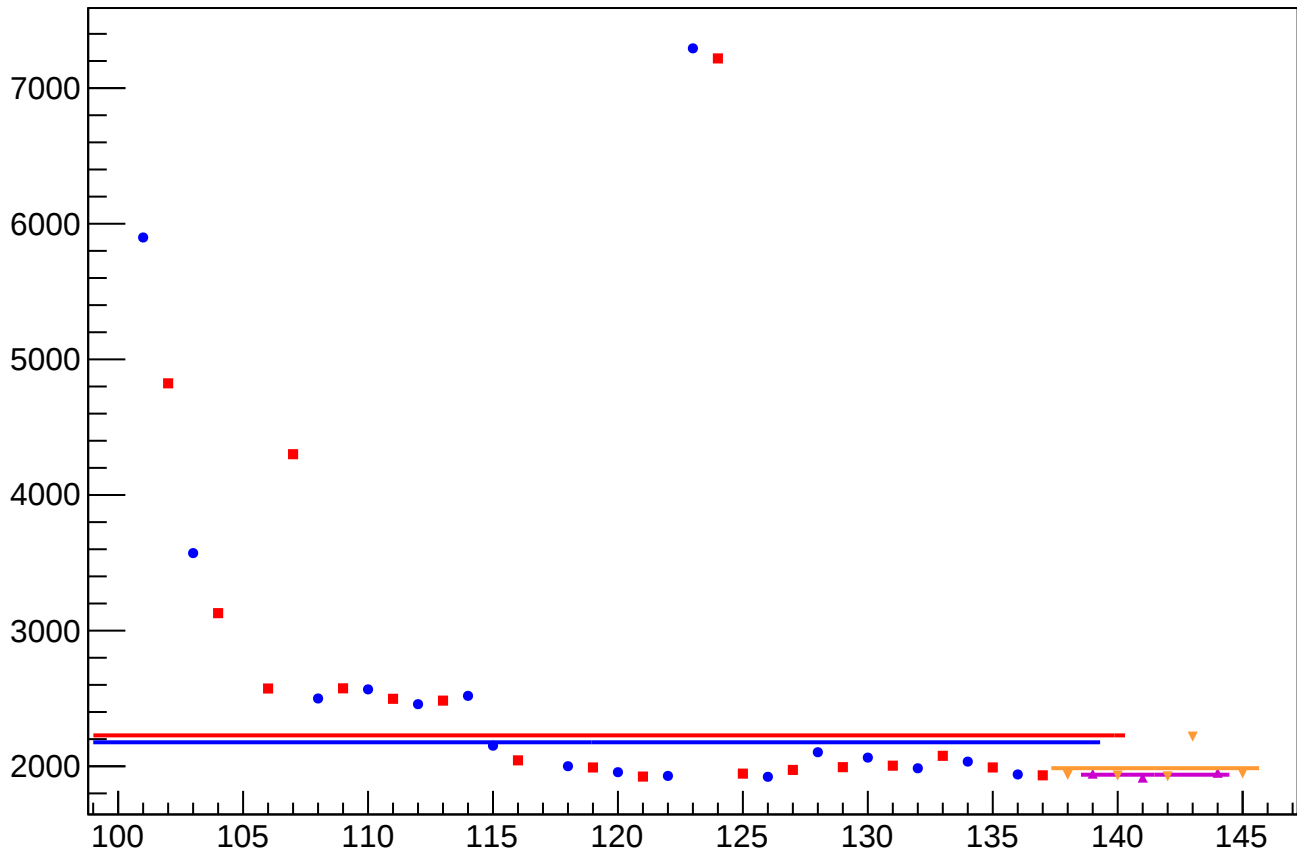
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -902.647+/-708.913 χ^2/NDF :20.7/19

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

All: -689.651+/-488.346 χ^2/NDF : 44.7/42

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1985.936 $\pm$ 0.754 χ^2 /NDF:20435.9/4

Right Out: 2227.688 $\pm$ 0.615 χ^2 /NDF: 825665.5/17

Left In: 1937.735 $\pm$ 0.869 χ^2 /NDF:328.8/2

Left: 1965.228 $\pm$ 0.569 χ^2 /NDF: 22520.5/7

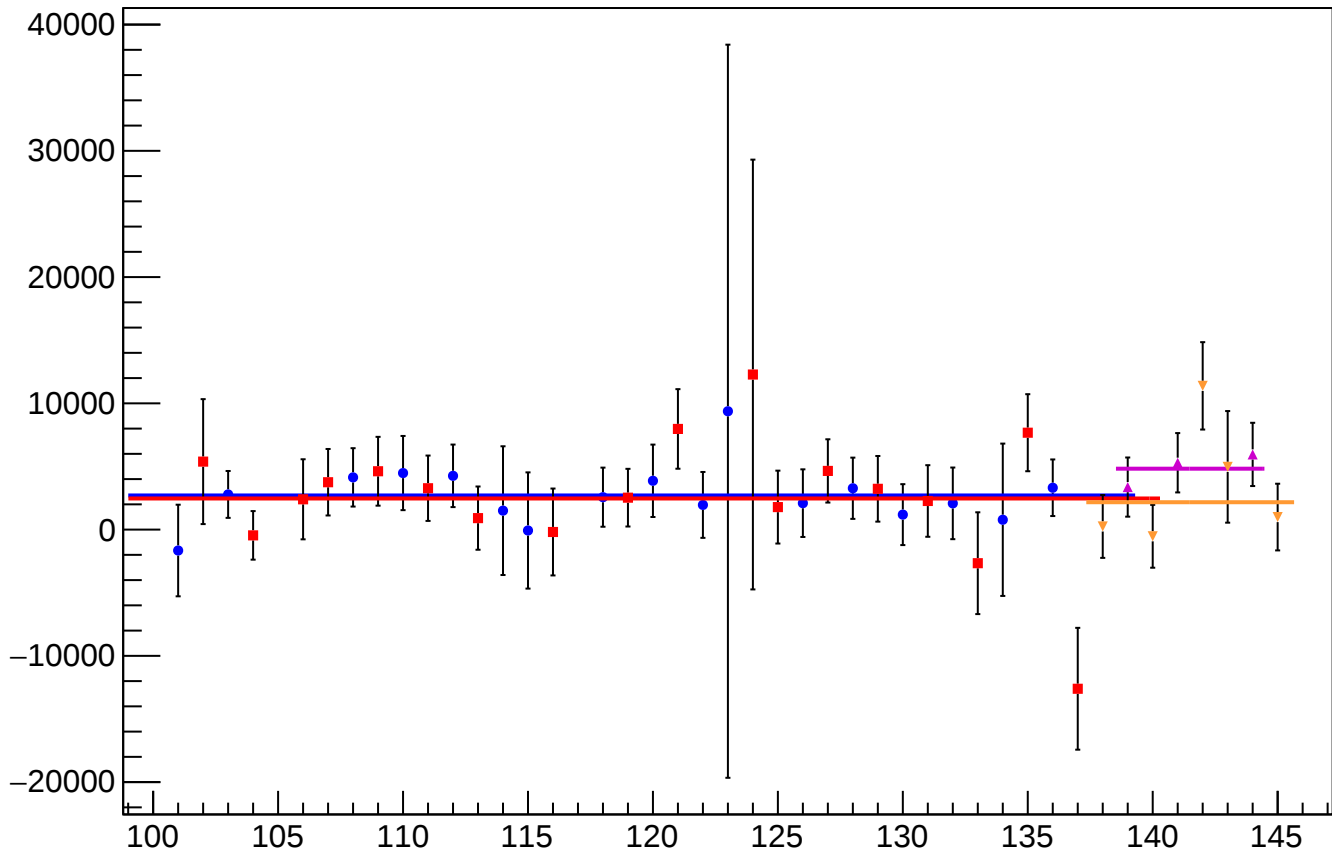
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2097.167 $\pm$ 0.501 χ^2 /NDF:853498.4/19

Out: 2131.182 $\pm$ 0.476 χ^2 /NDF:907871.5/22

All: 2115.041 $\pm$ 0.345 χ^2 /NDF: 1763789.4/42

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: 4824.196 $\pm$ 1383.351 χ^2 /NDF:0.6/2

Left: 3403.915 $\pm$ 943.570 χ^2 /NDF: 12.1/7

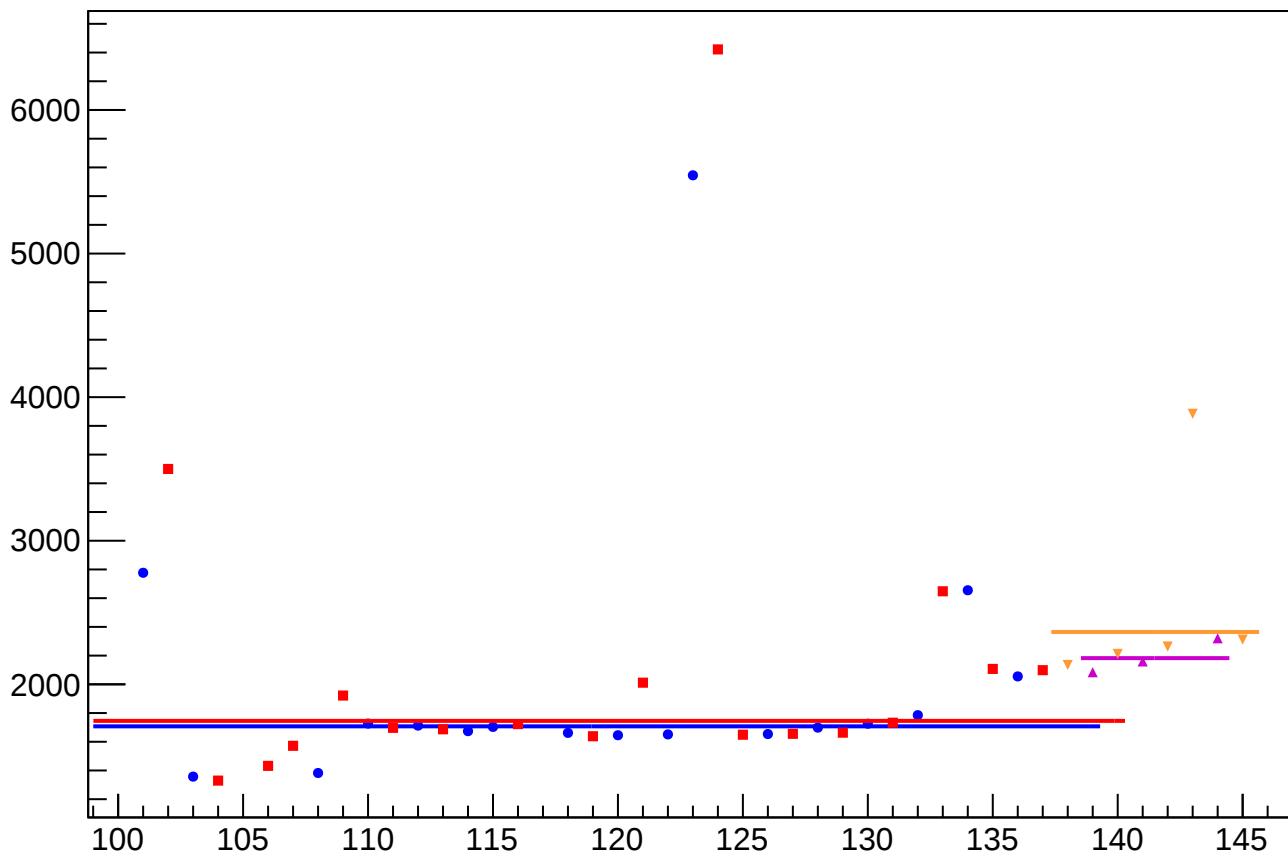
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 3110.252 $\pm$ 605.835 χ^2 /NDF:6.6/19

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

All: 2753.795 $\pm$ 427.683 χ^2 /NDF: 39.9/42

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: 2182.409+/-0.978 χ^2/NDF : 9772.6/2

Left: 2279.878+/-0.667 χ^2/NDF : 291791.7/7

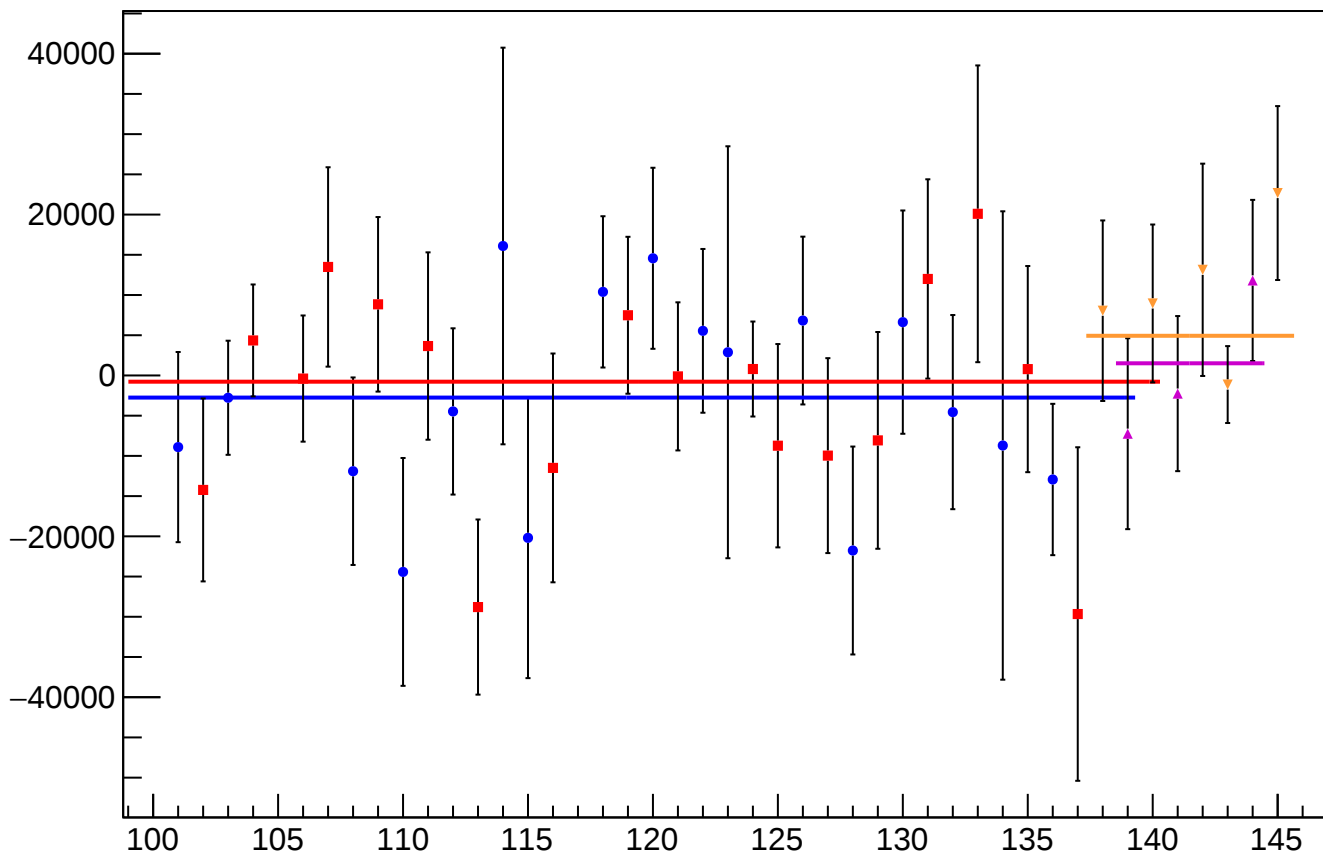
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1798.494+/-0.428 χ^2/NDF : 622535.6/19

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

All: 1839.934+/-0.302 χ^2/NDF : 1963541.9/42

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: 1511.529+/-5994.167 χ^2/NDF : 1.8/2

Left: 4018.316+/-3097.549 χ^2/NDF : 6.9/7

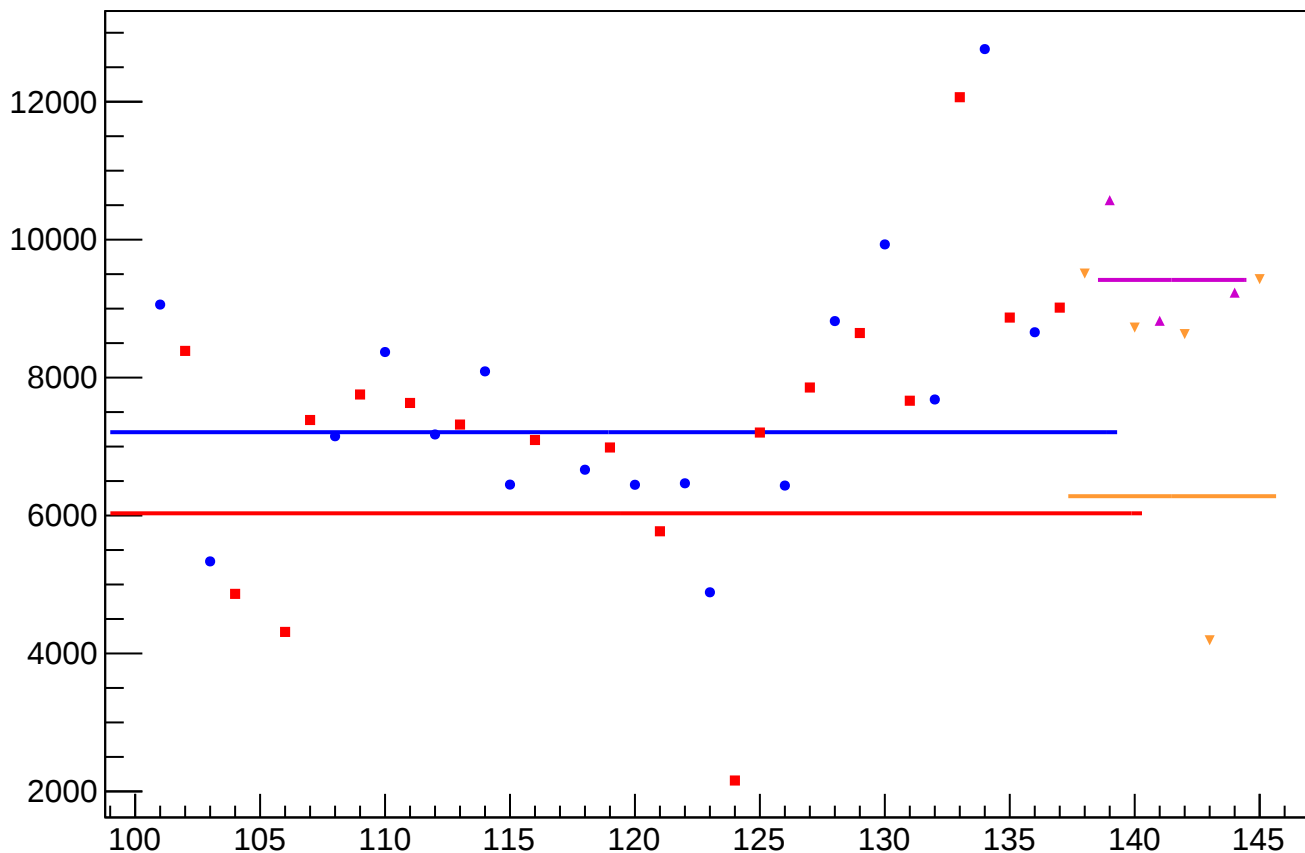
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1968.259+/-2568.277 χ^2/NDF : 16.7/19

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

All: -130.714+/-1589.397 χ^2/NDF : 42.0/42

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: 9416.326+/-4.239 χ^2/NDF : 27219.8/2

Left: 7117.744+/-2.190 χ^2/NDF : 1333085.1/7

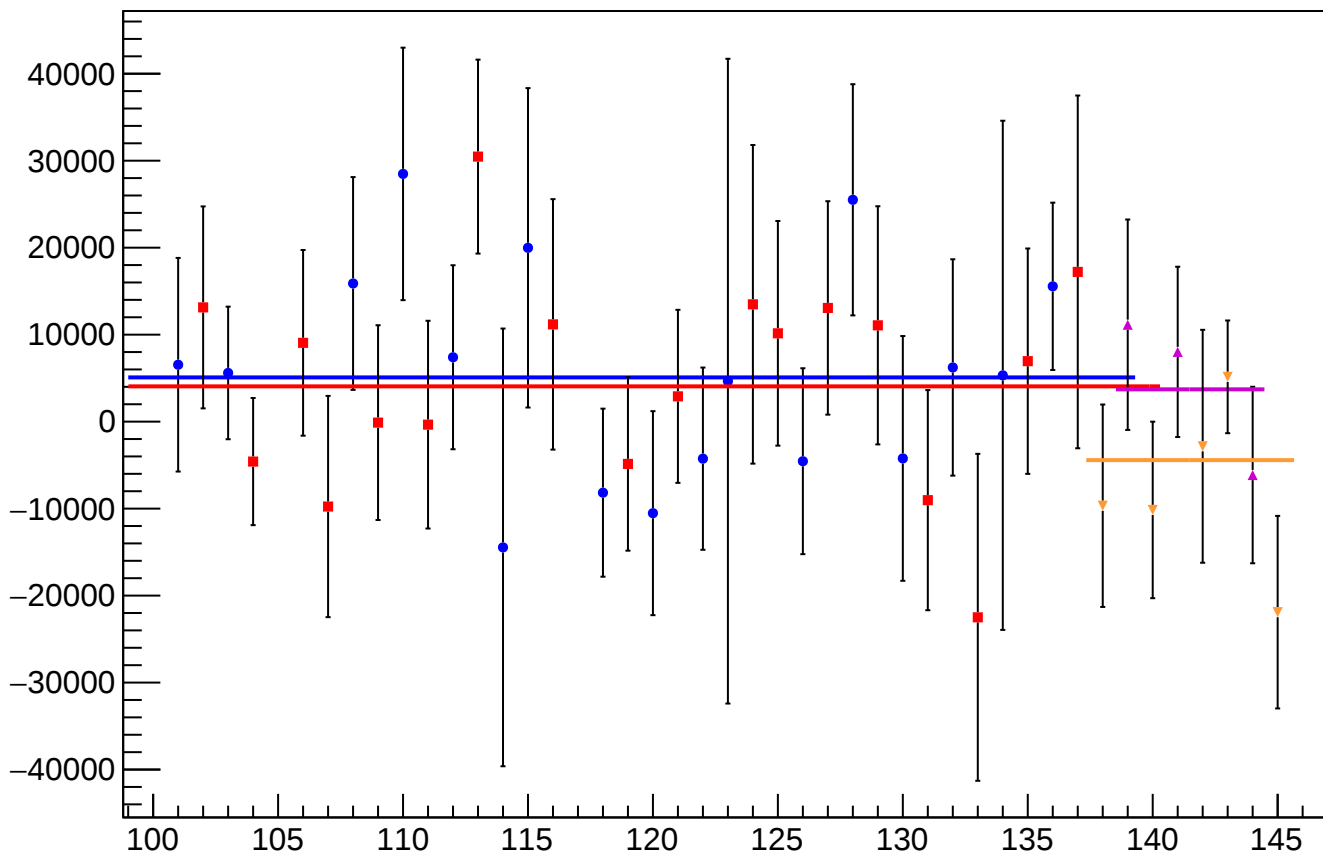
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7613.687+/-1.816 χ^2/NDF : 742521.8/19

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

All: 6685.758+/-1.124 χ^2/NDF : 3874301.0/42

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: 3713.410+/-6087.688 χ^2/NDF : 1.5/2

Left: -1735.885+/-3499.713 χ^2/NDF : 7.9/7

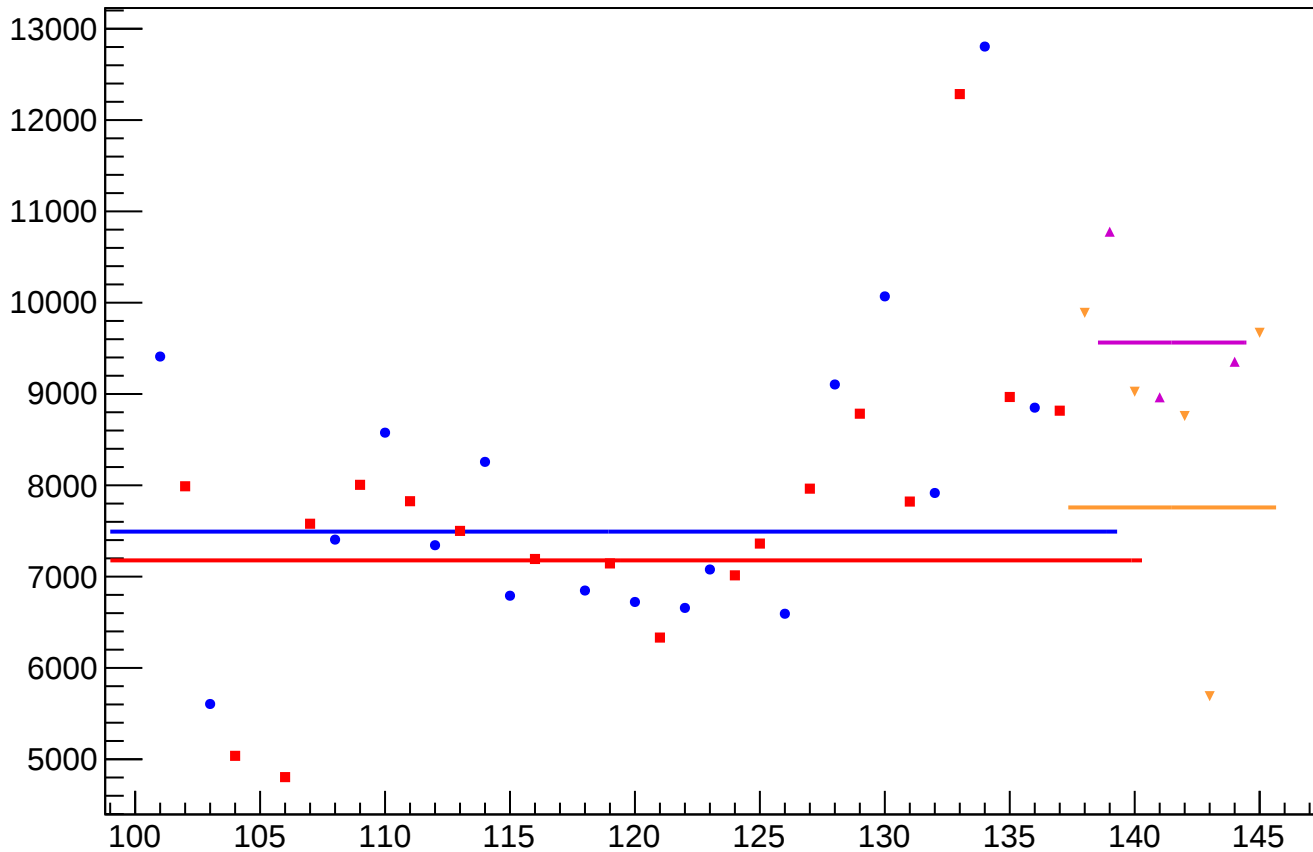
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 4823.116+/-2658.547 χ^2/NDF : 15.5/19

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

All: 2958.794+/-1757.656 χ^2/NDF : 39.5/42

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: 9563.495 $\pm$ 4.305 χ^2/NDF : 28508.4/2

Left: 8354.481 $\pm$ 2.475 χ^2/NDF : 519119.6/7

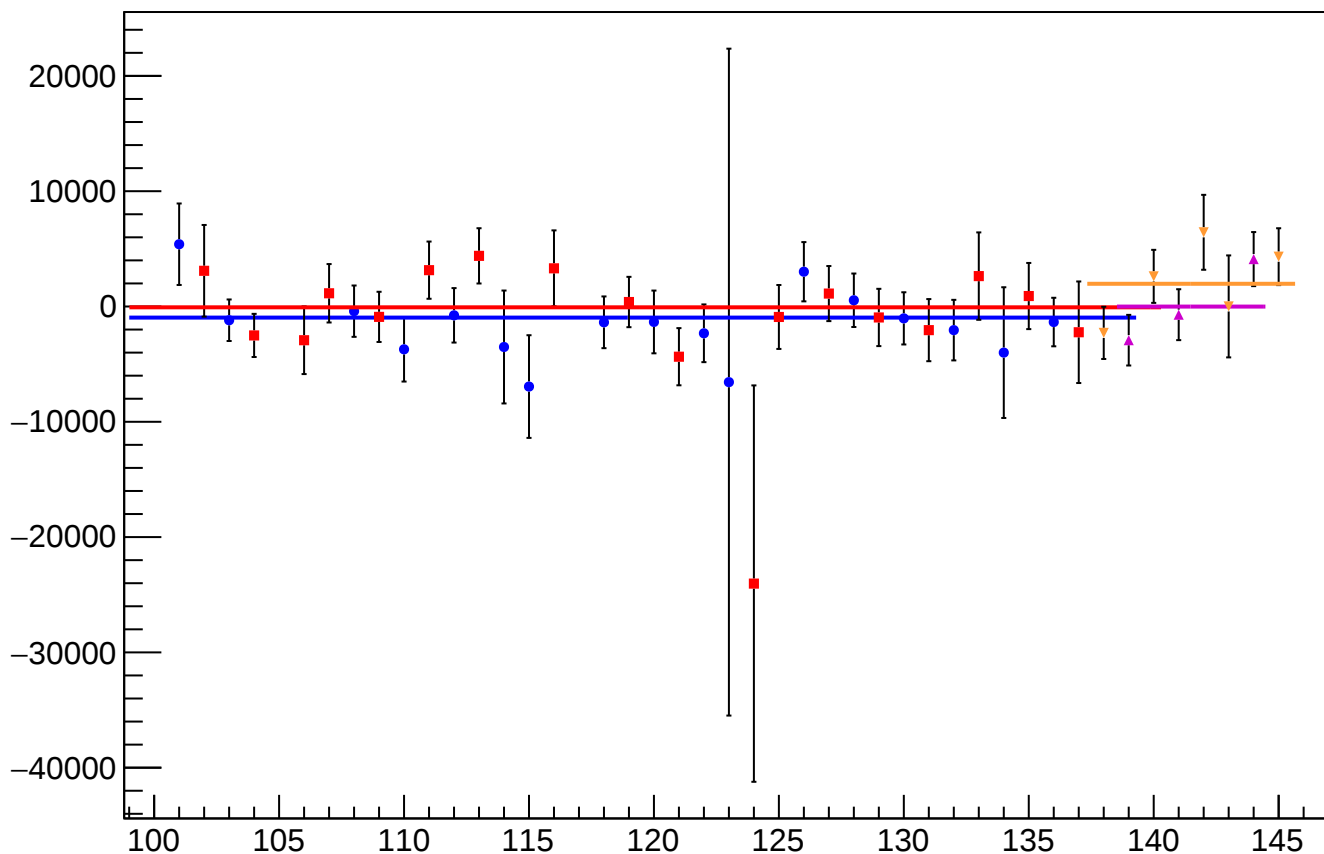
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 7887.791 $\pm$ 1.880 χ^2/NDF : 652839.3/19

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

All: 7586.028 $\pm$ 1.243 χ^2/NDF : 1653038.0/42

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: -7.180+/-1296.857 χ^2/NDF : 4.9/2

Left: 1057.938+/-880.716 χ^2/NDF : 12.8/7

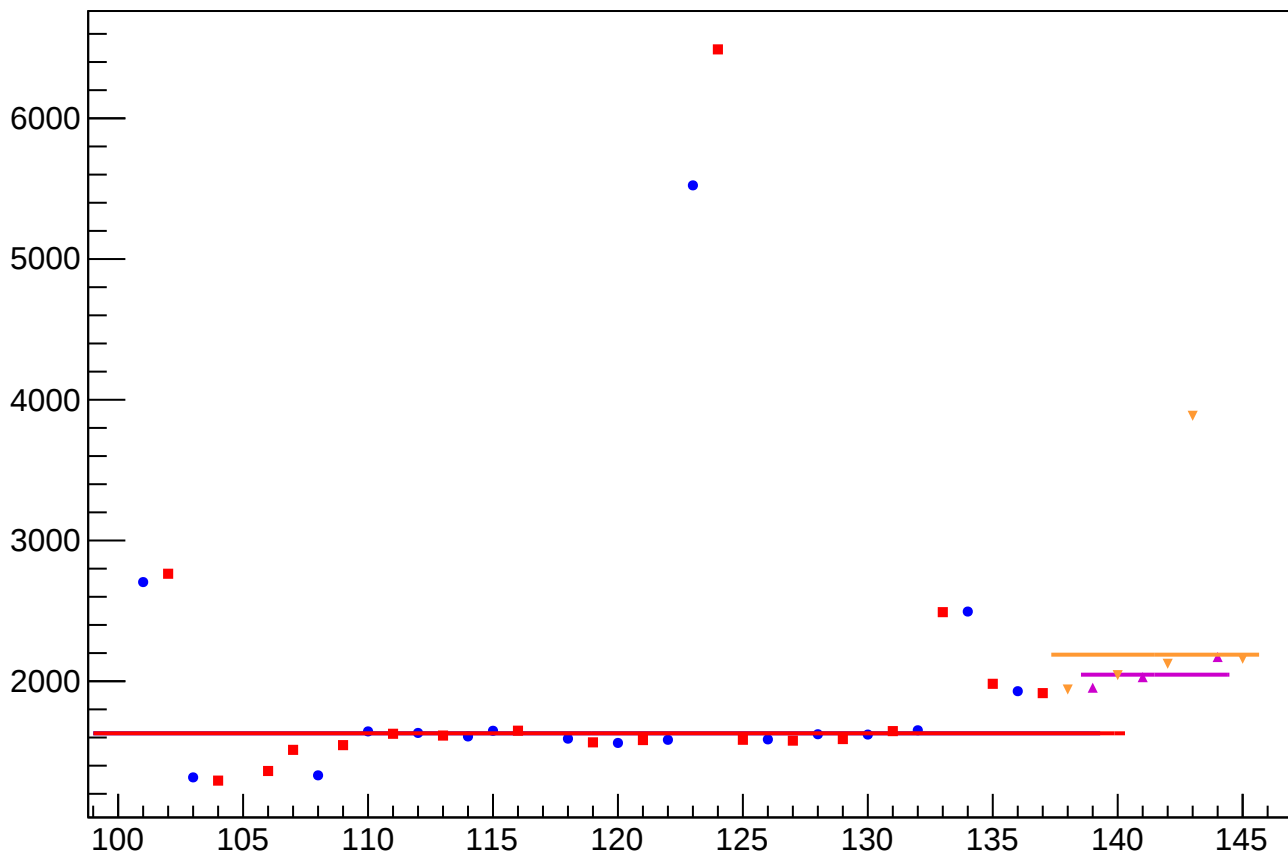
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -774.014+/-576.096 χ^2/NDF : 15.5/19

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

All: -184.293+/-401.862 χ^2/NDF : 43.1/42

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 $\pm$ 0.455 χ^2 /NDF: 408151.7/16

Left Out: 2188.725 $\pm$ 0.848 χ^2 /NDF:327634.1/4

Right Out: 1629.941 $\pm$ 0.449 χ^2 /NDF: 557457.4/17

Left In: 2046.590 $\pm$ 0.917 χ^2 /NDF:9416.0/2

Left: 2123.173 $\pm$ 0.623 χ^2 /NDF: 349994.2/7

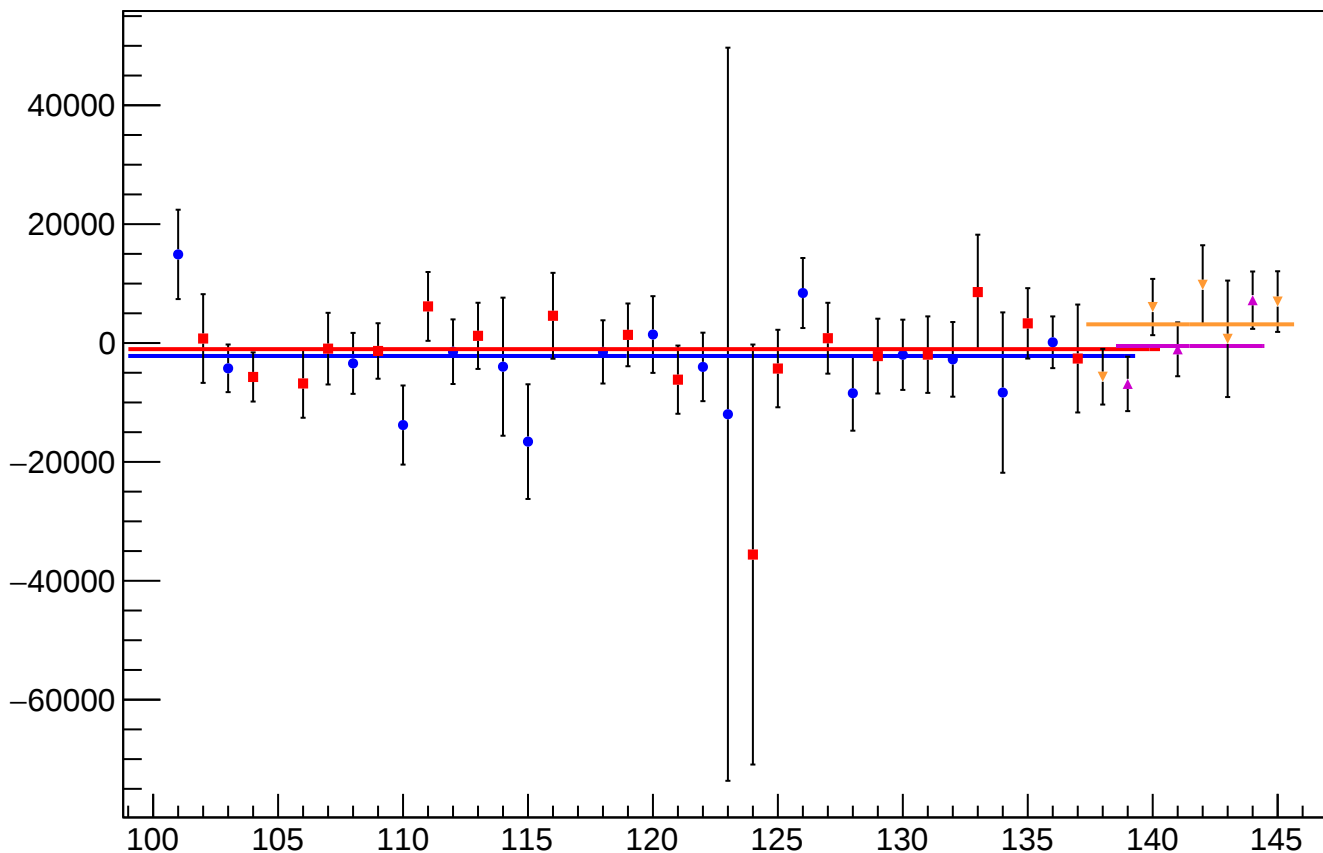
Right: 1629.948 $\pm$ 0.319 χ^2 /NDF: 965609.1/34

In: 1712.171 $\pm$ 0.407 χ^2 /NDF:583257.0/19

Out: 1752.034 $\pm$ 0.397 χ^2 /NDF:1224094.7/22

All: 1732.637 $\pm$ 0.284 χ^2 /NDF: 1812268.1/42

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: -501.802+/-2678.846 χ^2/NDF : 4.5/2

Left: 1456.829+/-1822.732 χ^2/NDF : 11.0/7

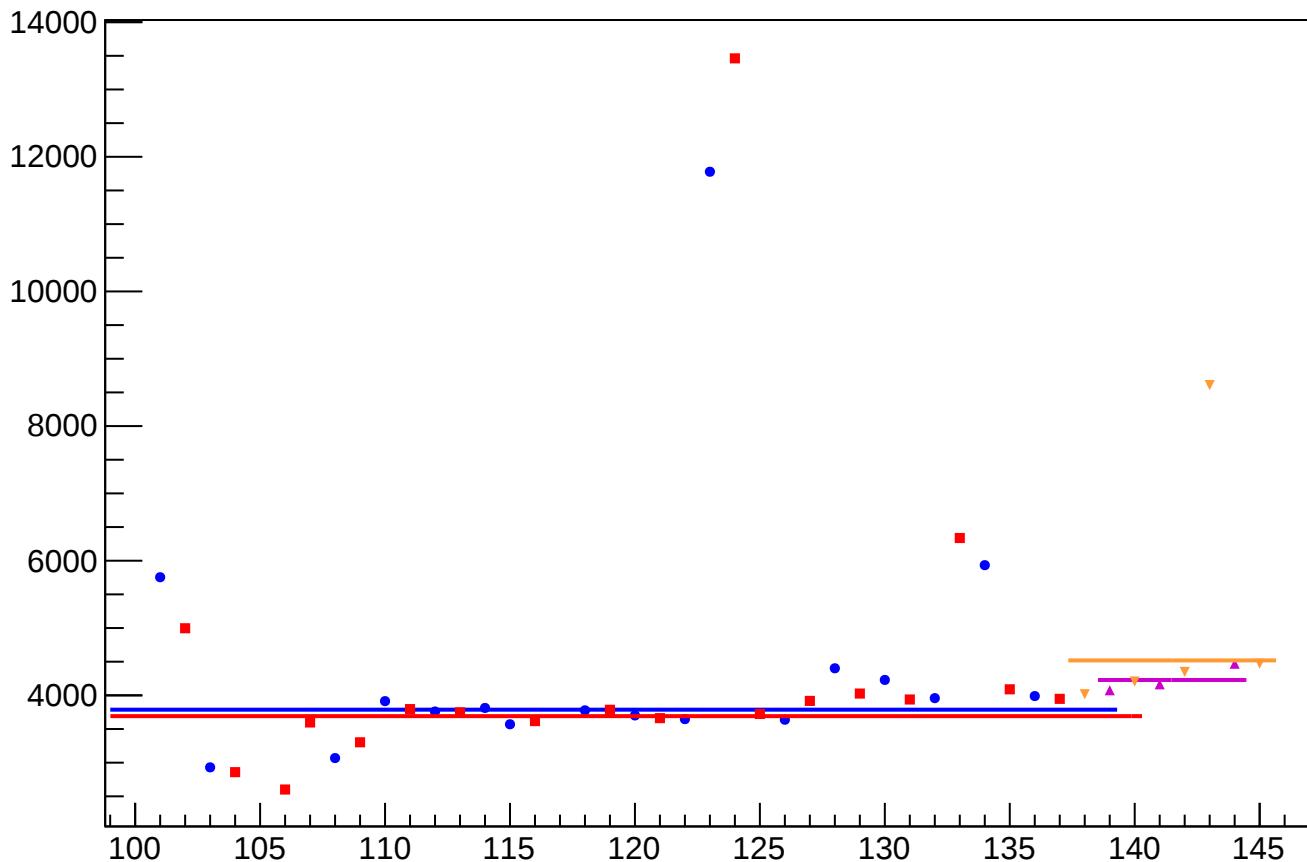
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1781.680+/-1304.151 χ^2/NDF : 20.8/19

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

All: -839.474+/-901.562 χ^2/NDF : 38.0/42

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: 4228.210+/-1.894 χ^2/NDF : 7646.5/2

Left: 4384.383+/-1.289 χ^2/NDF : 402151.9/7

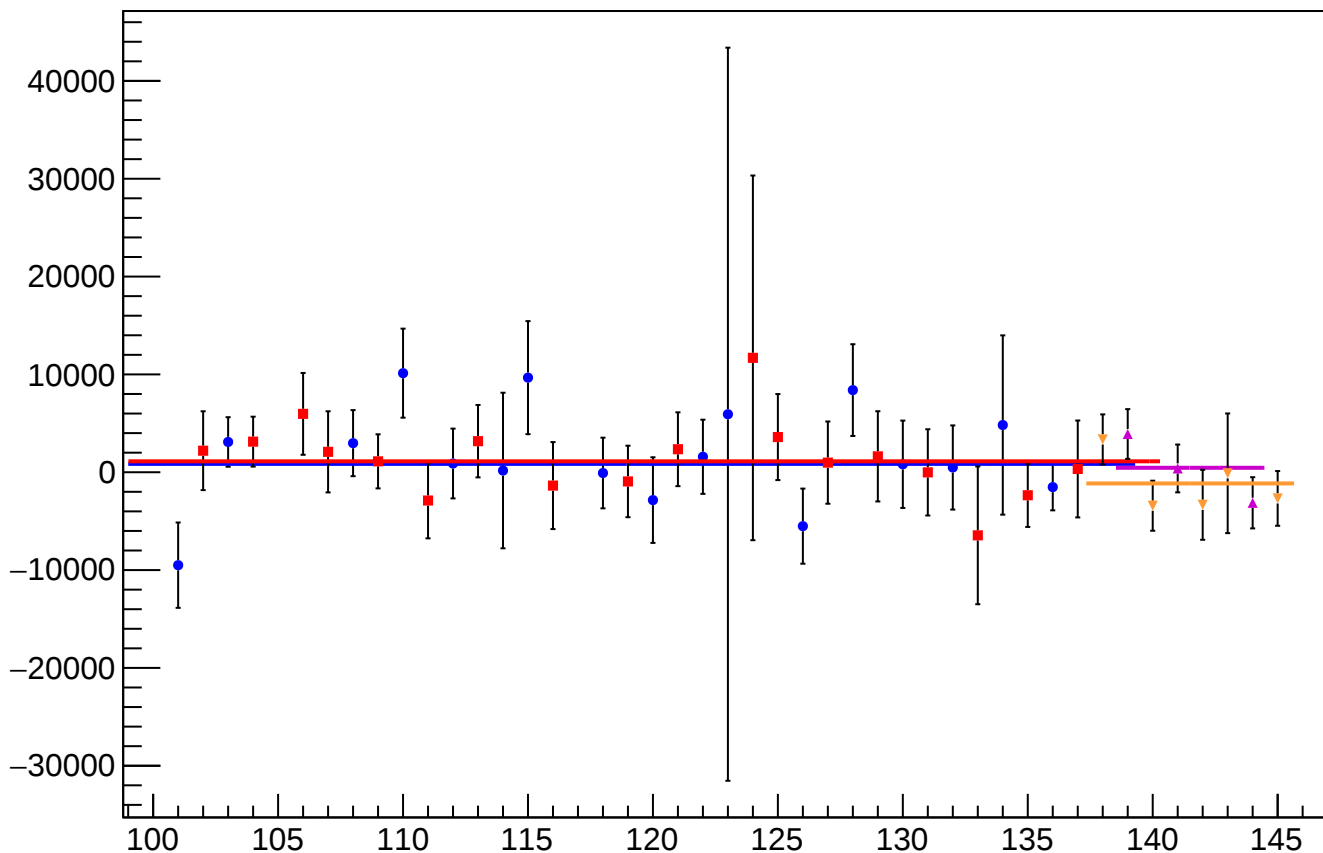
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3891.799+/-0.922 χ^2/NDF : 441635.5/19

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

All: 3895.843+/-0.637 χ^2/NDF : 1544452.3/42

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1144.879 $\pm$ 1362.959 χ^2 /NDF: 4.6/4

Right Out: 1117.553 $\pm$ 927.195 χ^2 /NDF: 7.3/17

Left In: 455.735 $\pm$ 1461.382 χ^2 /NDF: 3.7/2

Left: -400.283 $\pm$ 996.738 χ^2 /NDF: 8.9/7

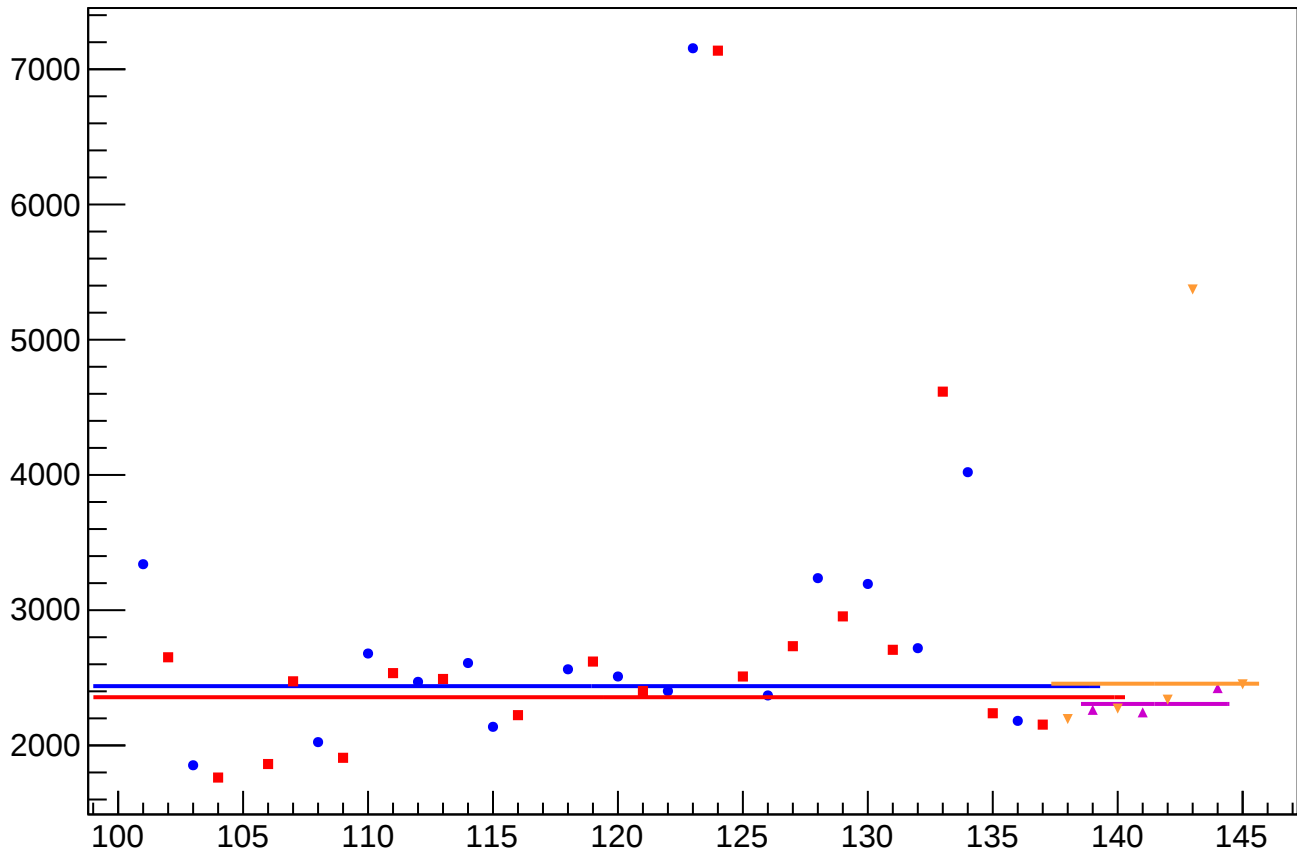
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 734.638 $\pm$ 805.125 χ^2 /NDF: 24.4/19

Out: 401.785 $\pm$ 766.622 χ^2 /NDF: 13.7/22

All: 560.062 $\pm$ 555.196 χ^2 /NDF: 38.2/42

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2456.390 ± 0.964 $\chi^2/\text{NDF}: 487932.0/4$

Right Out: 2356.405 ± 0.656 $\chi^2/\text{NDF}: 629132.8/17$

Left In: 2306.655 ± 1.033 $\chi^2/\text{NDF}: 5894.1/2$

Left: 2386.734 ± 0.705 $\chi^2/\text{NDF}: 505055.3/7$

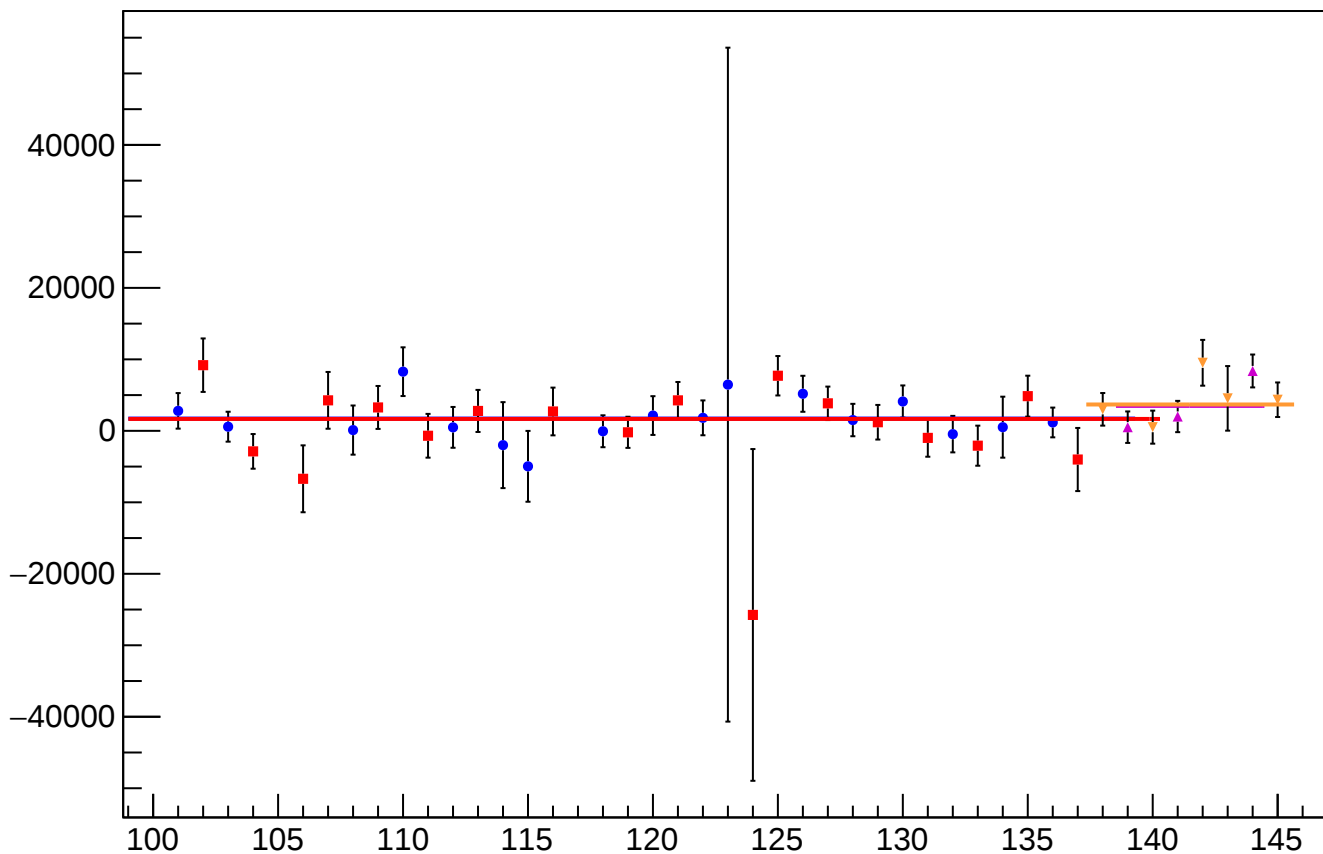
Right: 2395.716 ± 0.473 $\chi^2/\text{NDF}: 1113343.5/34$

In: 2398.325 ± 0.569 $\chi^2/\text{NDF}: 493916.8/19$

Out: 2388.037 ± 0.542 $\chi^2/\text{NDF}: 1124422.8/22$

All: 2392.929 ± 0.393 $\chi^2/\text{NDF}: 1618510.8/42$

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: 3489.708+/-1286.740 χ^2/NDF : 6.8/2

Left: 3595.344+/-876.637 χ^2/NDF : 12.2/7

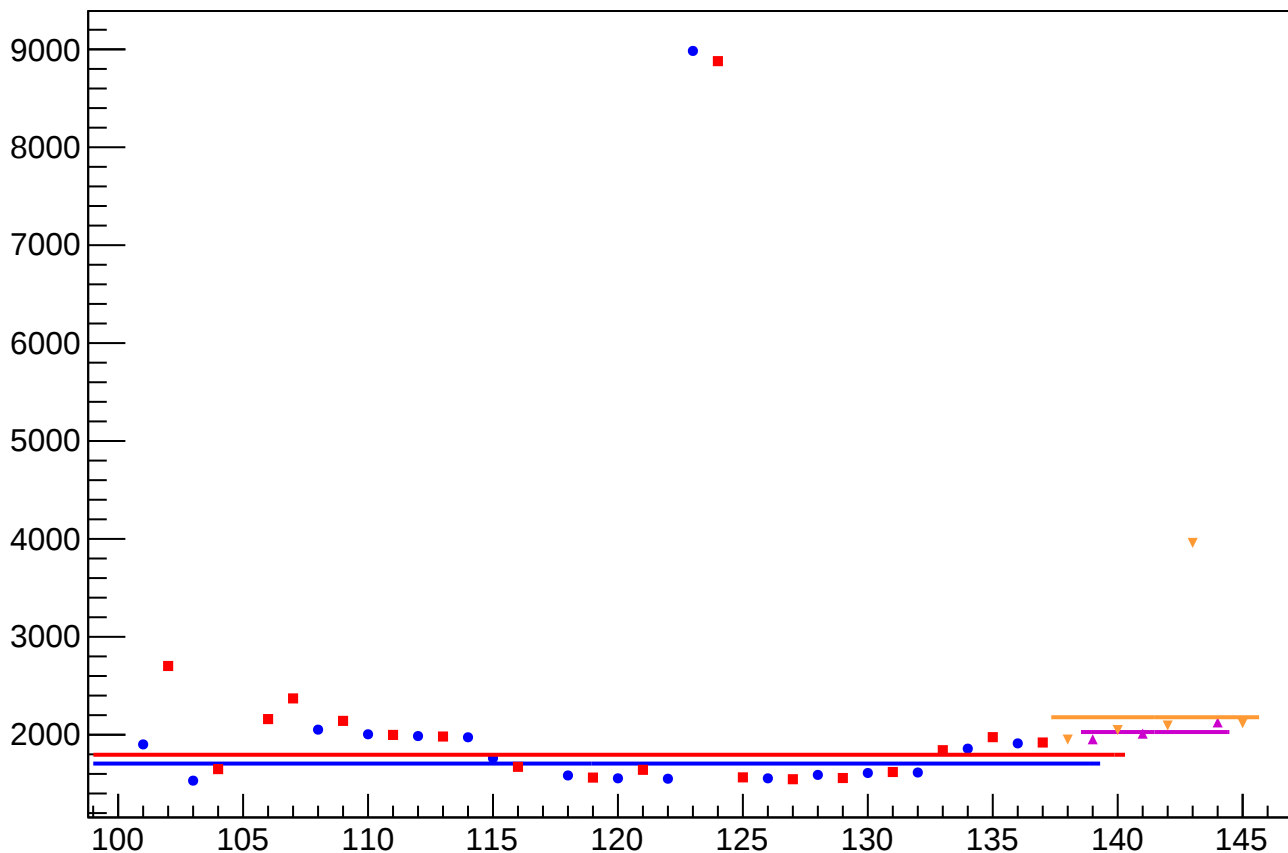
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2089.084+/-592.274 χ^2/NDF : 19.7/19

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

All: 2131.590+/-422.046 χ^2/NDF : 54.1/42

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: 2027.645+/-0.910 χ^2/NDF : 6033.5/2

Left: 2108.647+/-0.620 χ^2/NDF : 360605.1/7

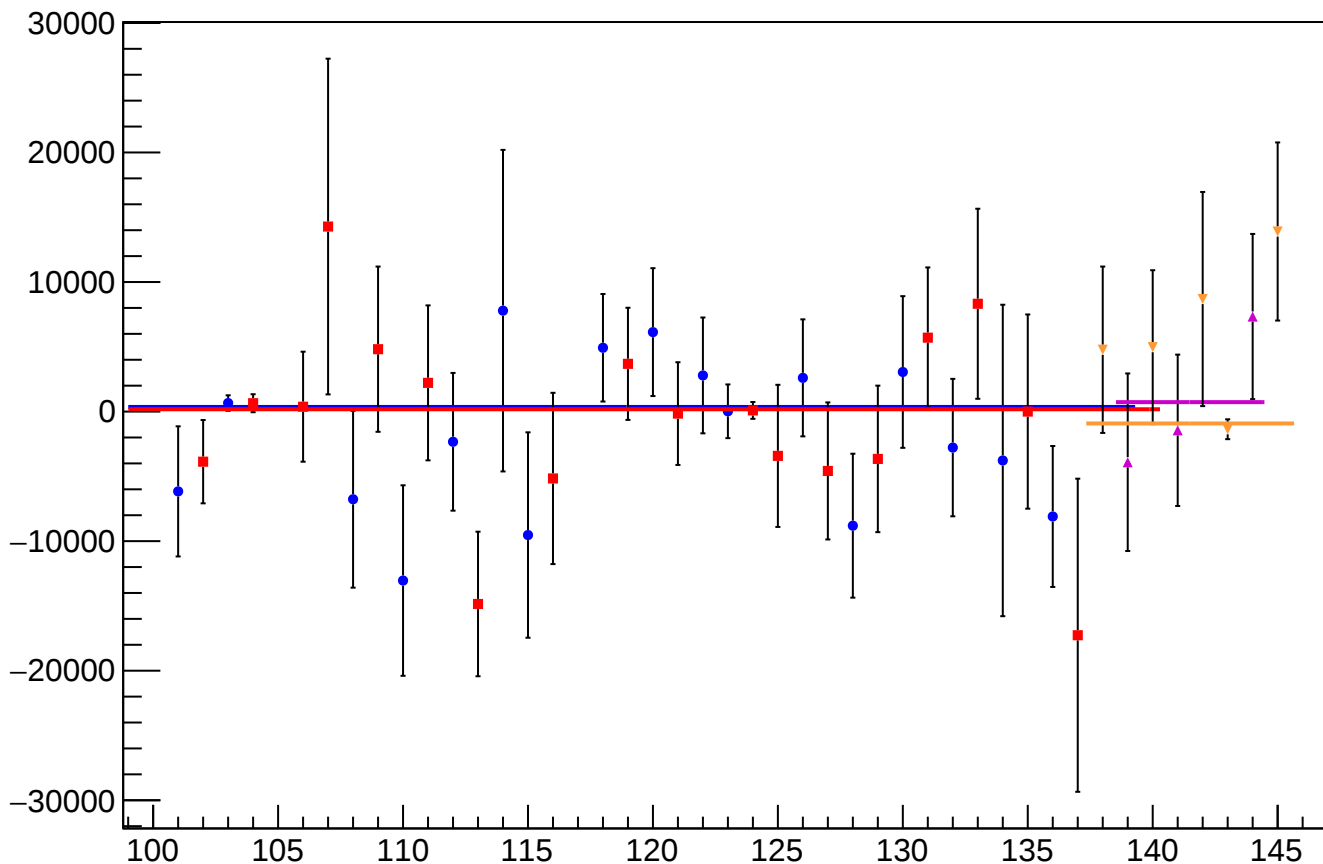
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1773.850+/-0.419 χ^2/NDF : 298930.1/19

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

All: 1832.082+/-0.298 χ^2/NDF : 1350034.5/42

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: 728.699 $\pm$ 3646.792 χ^2 /NDF:1.7/2

Left: -850.701 $\pm$ 731.788 χ^2 /NDF: 10.0/7

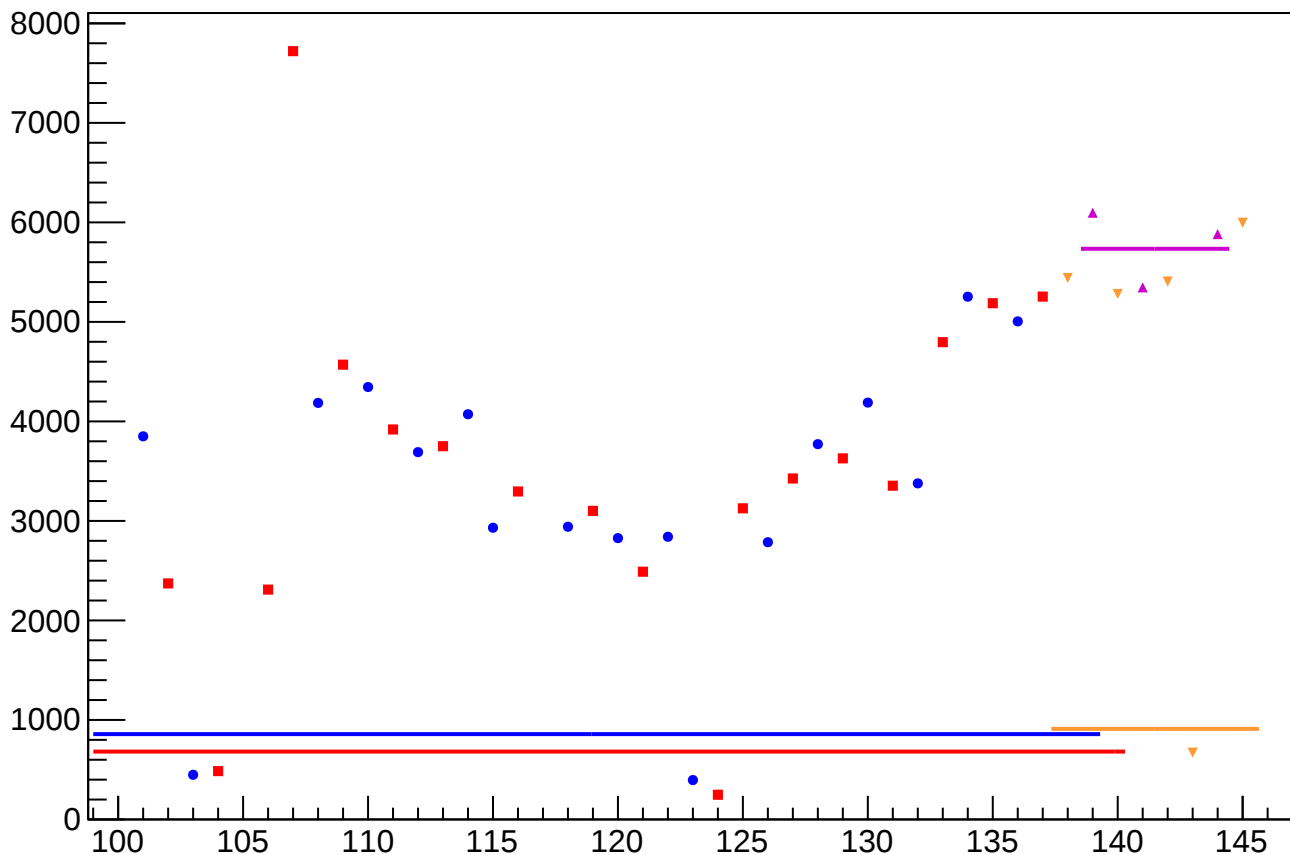
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 364.804 $\pm$ 527.599 χ^2 /NDF:19.2/19

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

All: 54.283 $\pm$ 310.243 χ^2 /NDF: 47.9/42

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 910.157+/-0.528 χ^2 /NDF:3960386.9/4

Right Out: 682.114+/-0.316 χ^2 /NDF: 9378570.8/17

Left In: 5734.634+/-2.579 χ^2 /NDF:15477.1/2

Left: 1104.424+/-0.517 χ^2 /NDF: 7335241.7/7

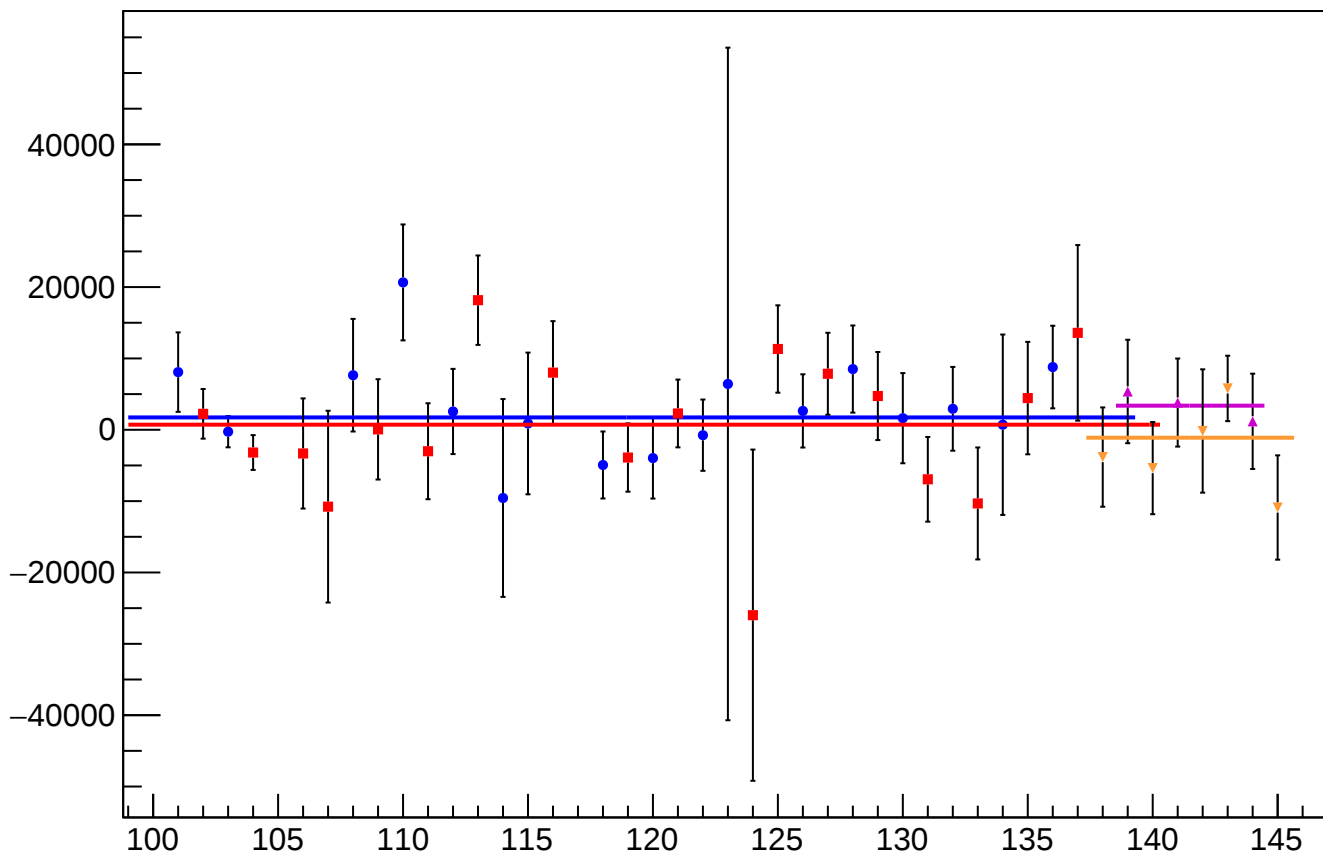
Right: 754.488+/-0.242 χ^2 /NDF: 17680867.8/34

In: 959.555+/-0.373 χ^2 /NDF:11693057.2/19

Out: 742.242+/-0.271 χ^2 /NDF:13476209.4/22

All: 817.384+/-0.219 χ^2 /NDF: 25391248.2/42

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: 3379.508+/-3842.914 χ^2/NDF : 0.2/2

Left: 472.511+/-2282.237 χ^2/NDF : 5.7/7

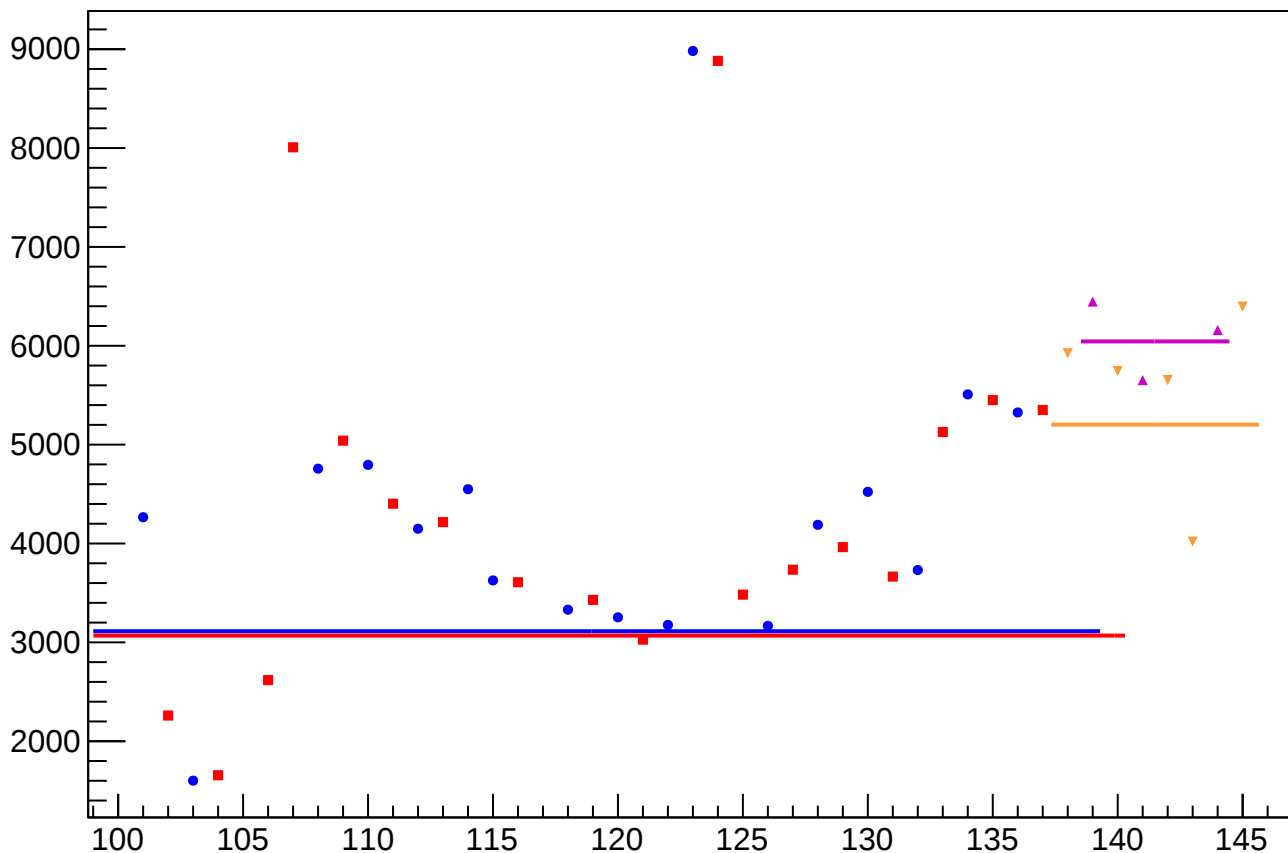
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1903.394+/-1235.360 χ^2/NDF : 15.3/19

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

All: 1115.075+/-851.315 χ^2/NDF : 46.2/42

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: 6044.111+/-2.717 χ^2/NDF : 14830.2/2

Left: 5498.997+/-1.614 χ^2/NDF : 304842.1/7

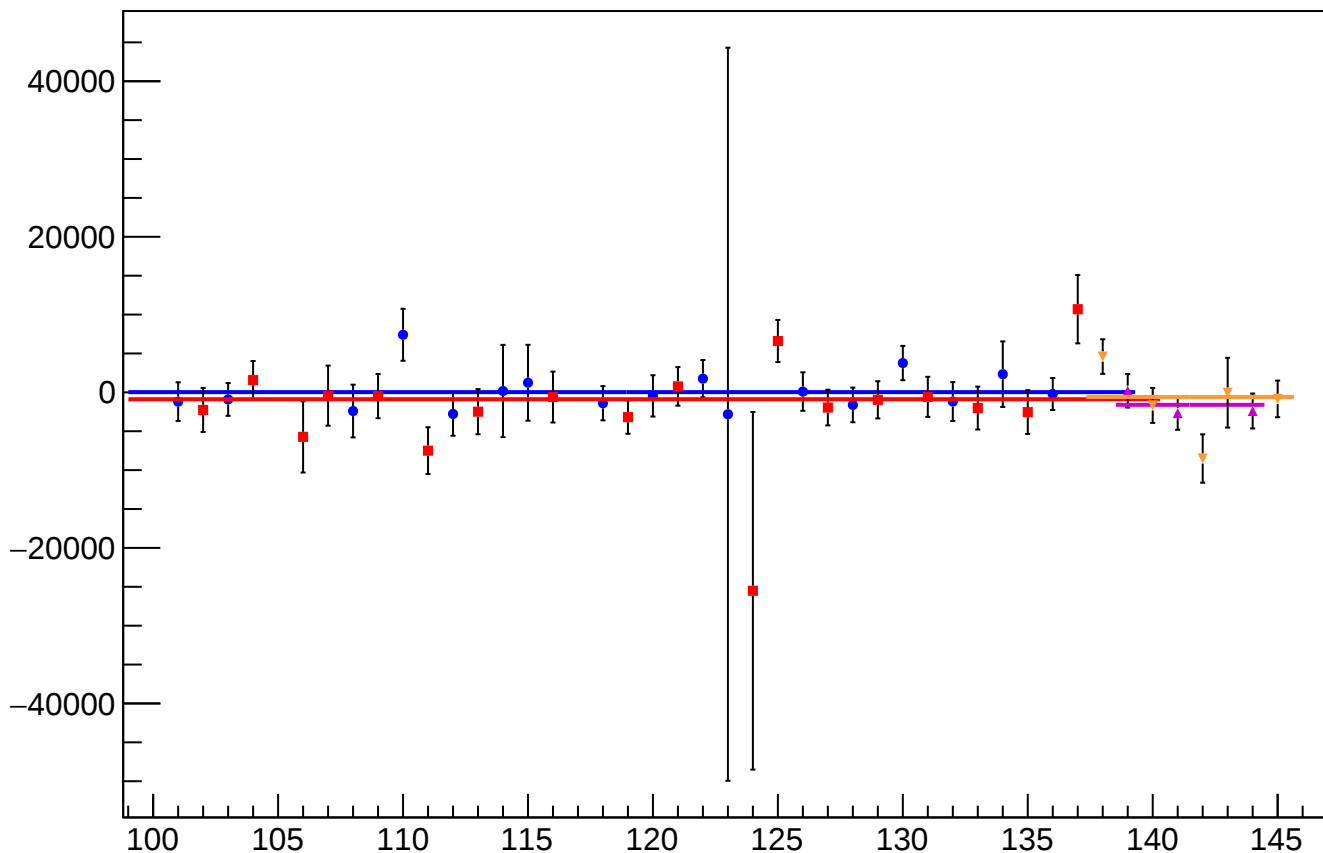
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3415.615+/-0.874 χ^2/NDF : 2942847.4/19

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

All: 3420.989+/-0.598 χ^2/NDF : 6114246.2/42

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: -1605.477+/-1257.688 χ^2/NDF :1.1/2

Left: -1062.627+/-855.908 χ^2/NDF : 13.6/7

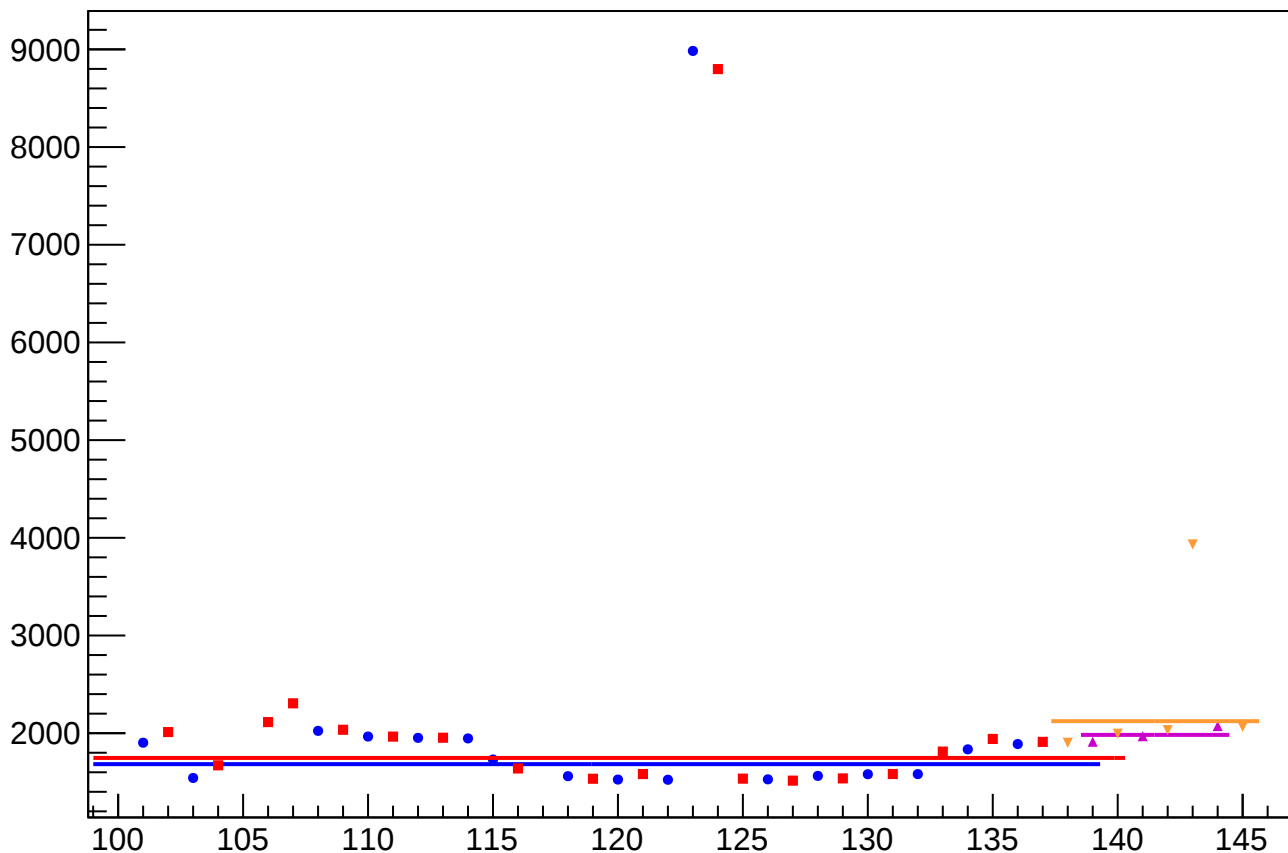
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -322.503+/-583.308 χ^2/NDF :14.2/19

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

All: -566.161+/-412.775 χ^2/NDF : 52.4/42

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: 1982.636+/-0.889 χ^2/NDF : 5431.5/2

Left: 2058.082+/-0.605 χ^2/NDF : 372952.0/7

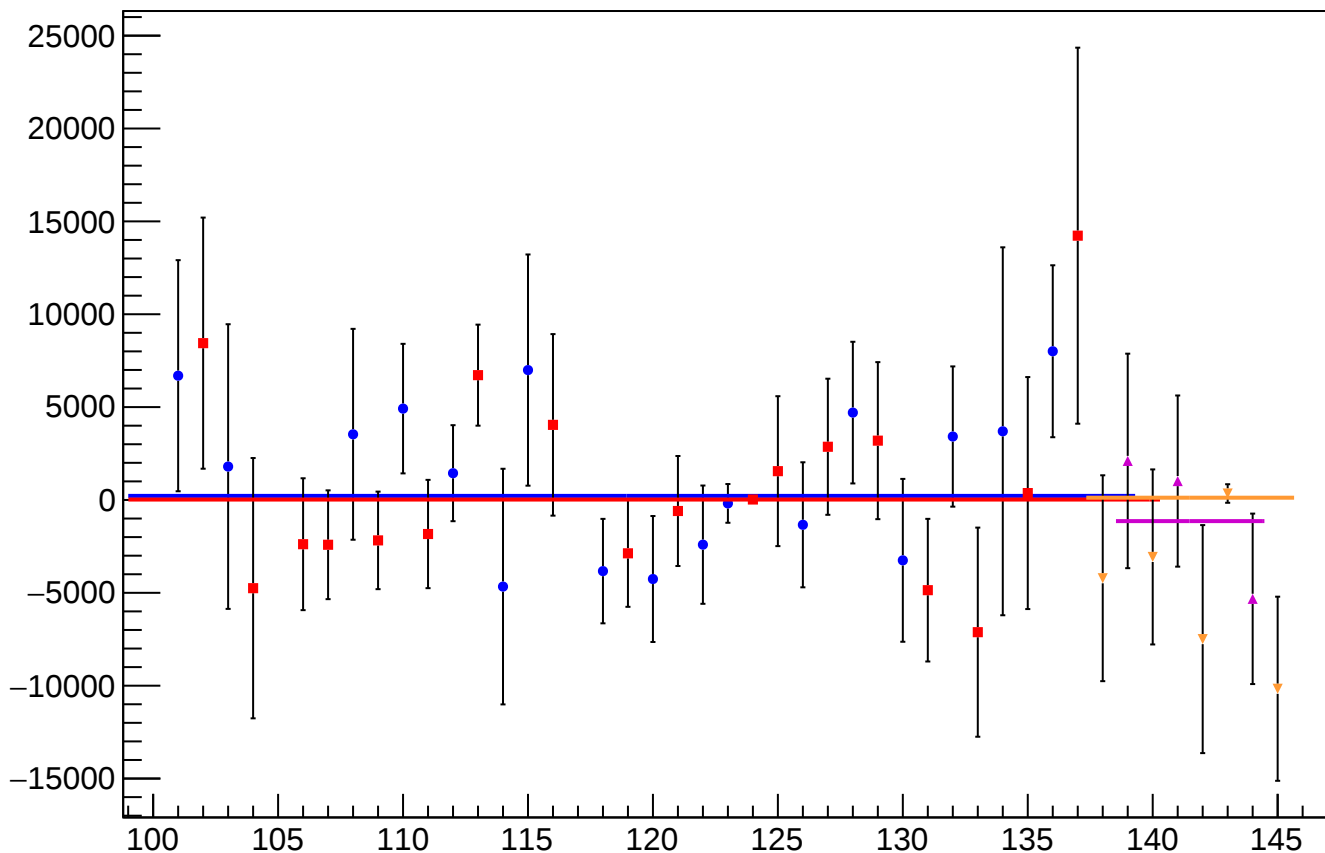
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1747.550+/-0.412 χ^2/NDF : 290316.3/19

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

All: 1794.093+/-0.292 χ^2/NDF : 1232477.3/42

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: -1138.660 $\pm$ 2833.345 χ^2 /NDF: 1.4/2

Left: 85.216 $\pm$ 483.319 χ^2 /NDF: 8.7/7

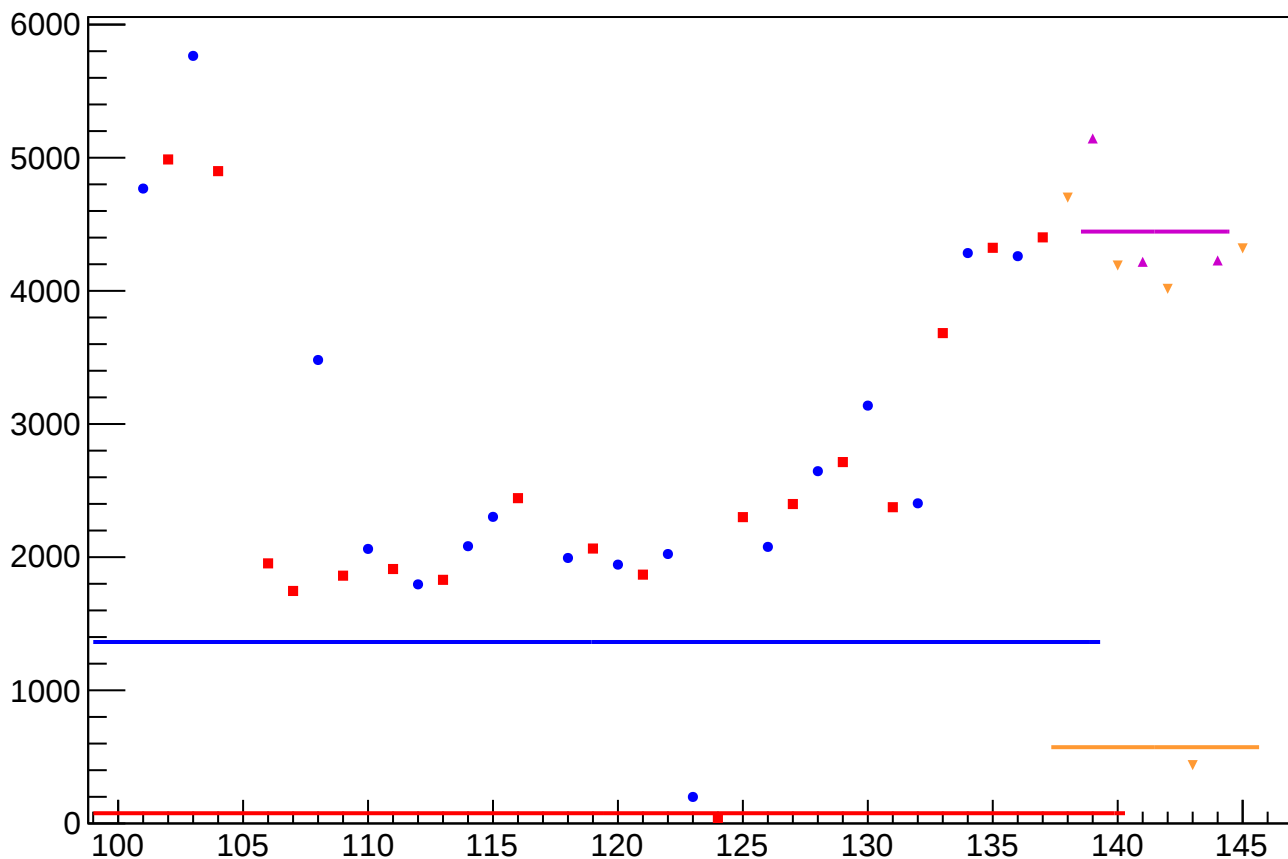
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 137.209 $\pm$ 698.655 χ^2 /NDF: 17.4/19

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

All: 29.798 $\pm$ 109.785 χ^2 /NDF: 43.2/42

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842+/-0.510 χ^2/NDF : 6235846.3/16

Left Out: 572.803+/-0.347 χ^2/NDF : 4205132.2/4

Right Out: 76.832+/-0.081 χ^2/NDF : 13114372.5/17

Left In: 4445.217+/-2.003 χ^2/NDF : 38651.8/2

Left: 685.484+/-0.342 χ^2/NDF : 7870968.6/7

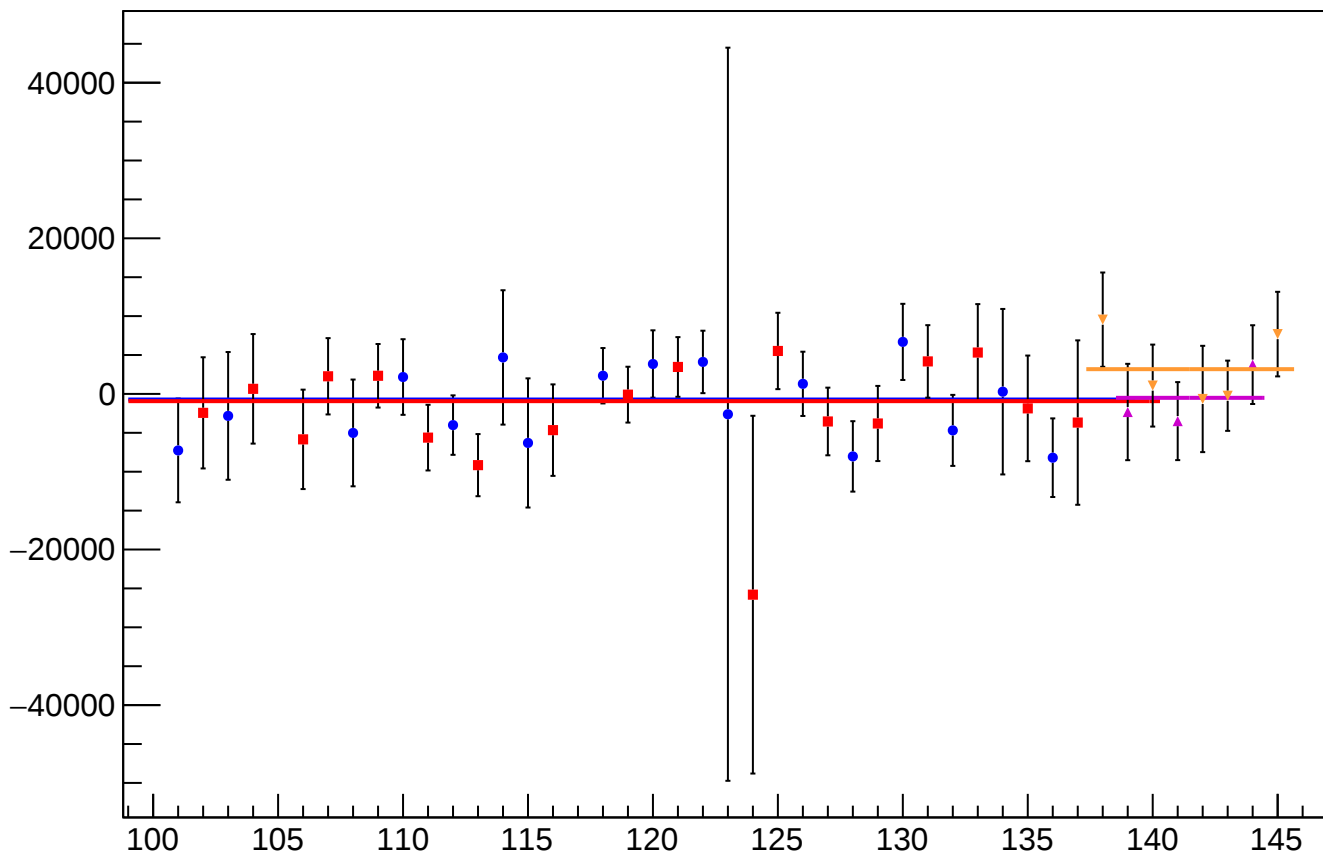
Right: 108.278+/-0.080 χ^2/NDF : 25558892.3/34

In: 1550.260+/-0.494 χ^2/NDF : 8497595.8/19

Out: 102.306+/-0.079 χ^2/NDF : 19259276.8/22

All: 138.059+/-0.078 χ^2/NDF : 36135175.6/42

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: -503.974+/-3087.552 χ^2/NDF : 1.2/2

Left: 1762.406+/-1915.587 χ^2/NDF : 4.9/7

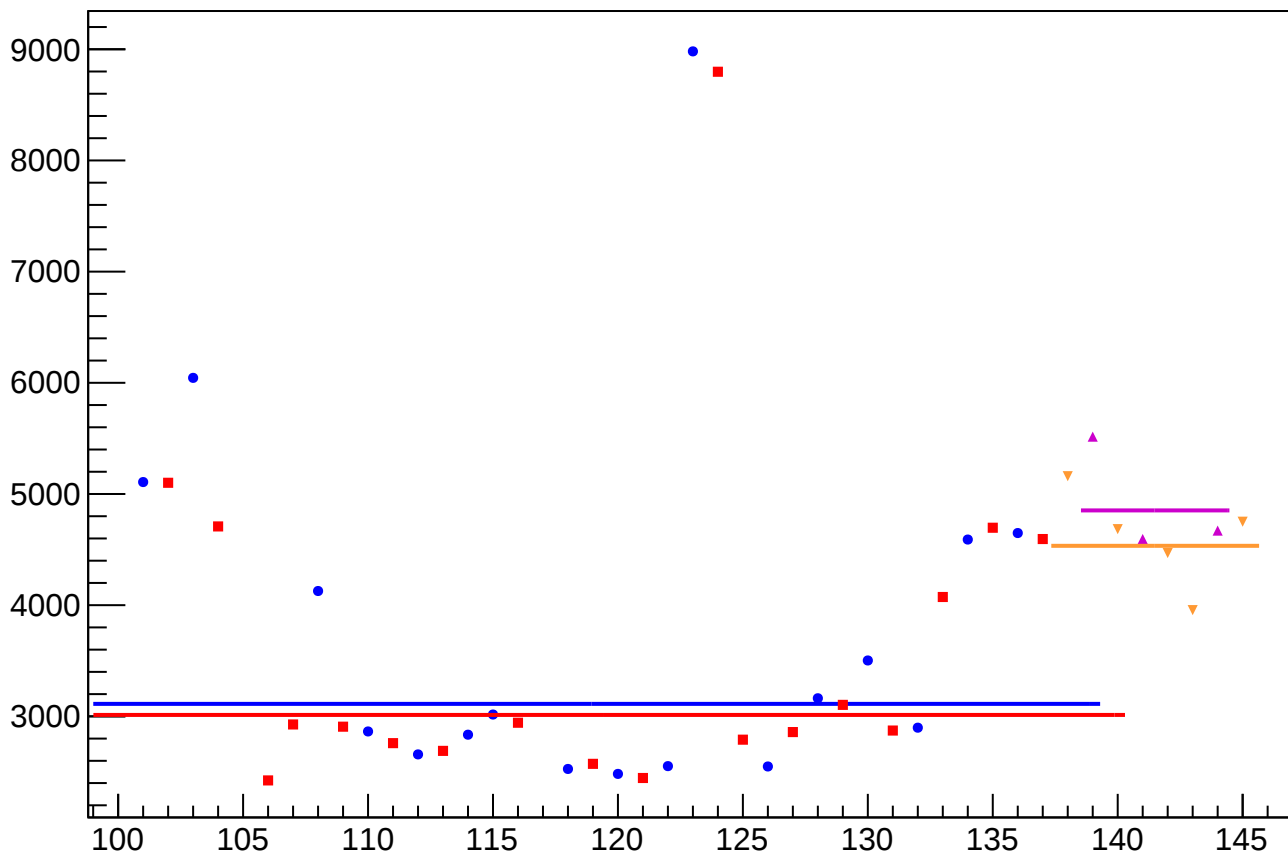
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -690.746+/-1160.653 χ^2/NDF : 15.9/19

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

All: -392.740+/-787.902 χ^2/NDF : 36.1/42

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: 4852.283 $\pm$ 2.183 χ^2/NDF : 30783.6/2

Left: 4656.424 $\pm$ 1.355 χ^2/NDF : 103040.2/7

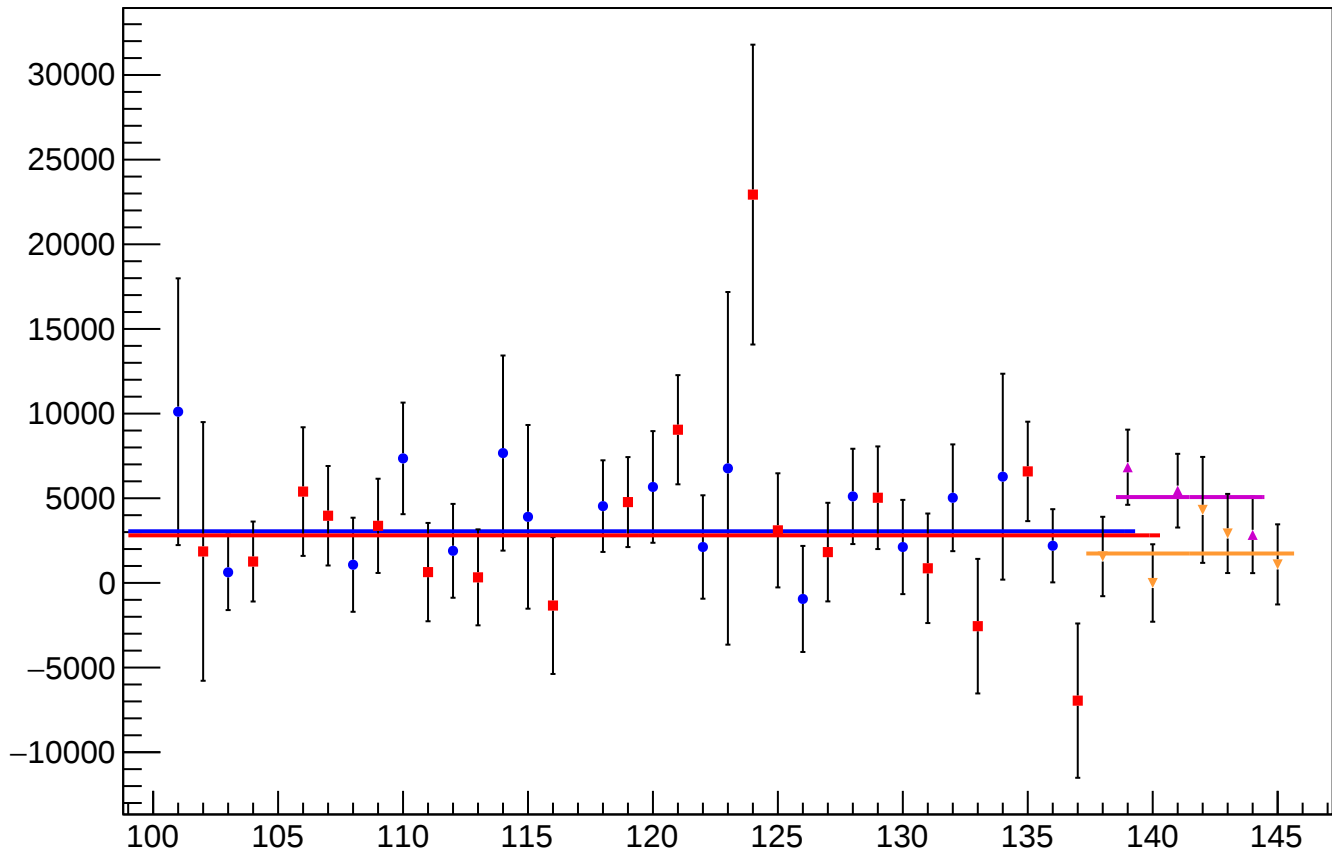
Right: 3059.514 $\pm$ 0.607 χ^2/NDF : 1739444.6/34

In: 3358.118 $\pm$ 0.821 χ^2/NDF : 1534740.2/19

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

All: 3326.706 $\pm$ 0.554 χ^2/NDF : 2999839.2/42

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: 5070.030+/-1280.677 χ^2/NDF : 1.6/2

Left: 3141.852+/-831.504 χ^2/NDF : 7.1/7

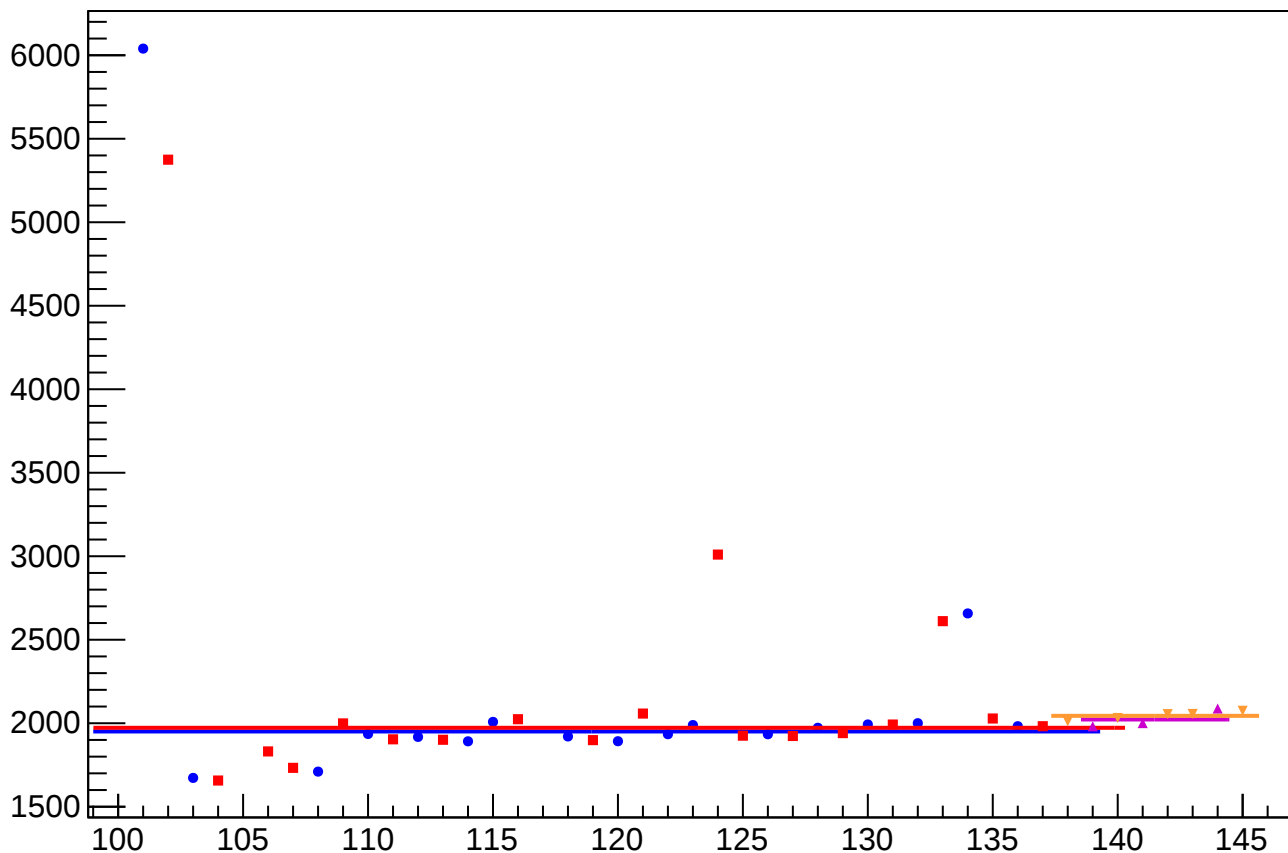
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3588.047+/-661.366 χ^2/NDF : 12.8/19

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

All: 2992.191+/-455.195 χ^2/NDF : 38.6/42

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: 2022.476 $\pm$ 0.906 χ^2 /NDF:2554.9/2

Left: 2035.100 $\pm$ 0.588 χ^2 /NDF: 3749.1/7

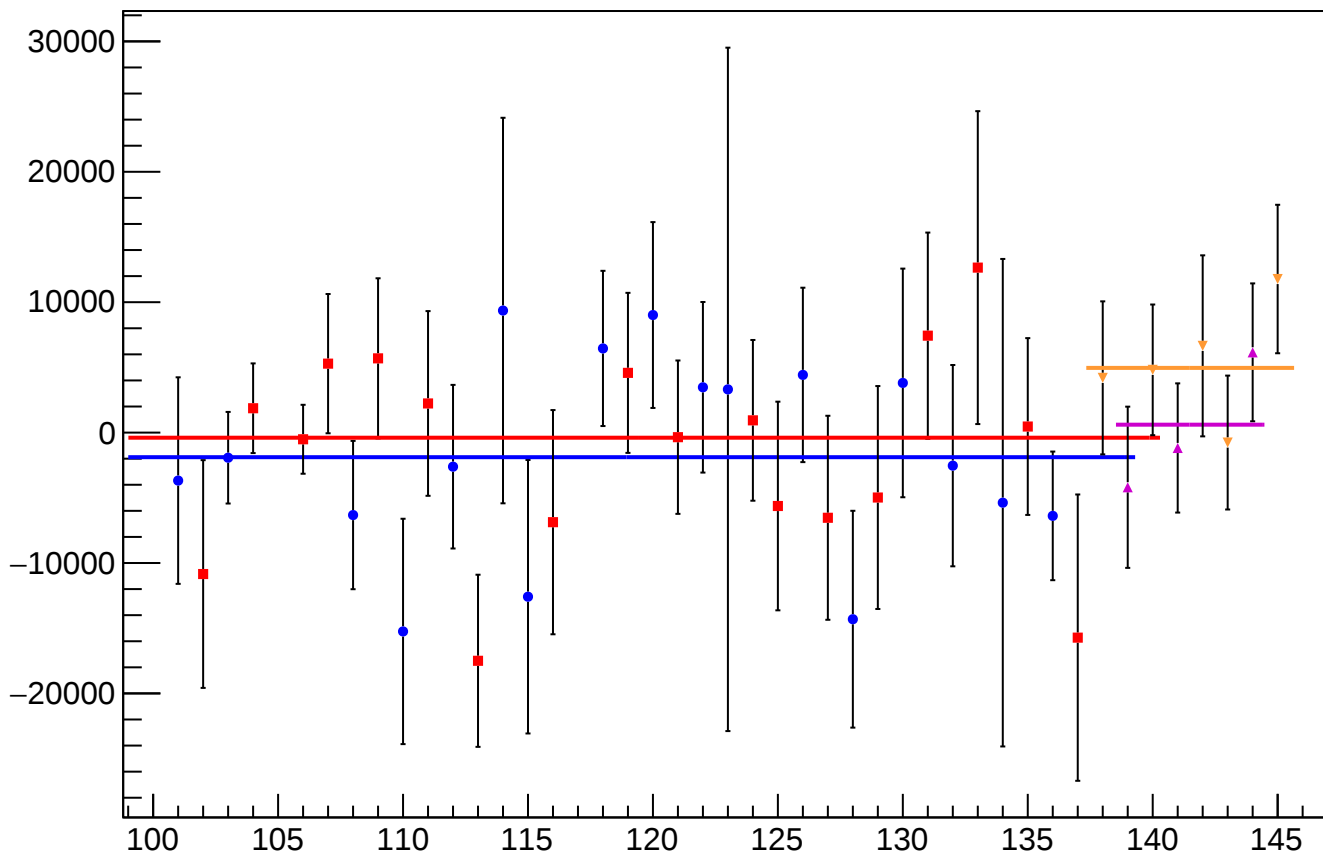
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1969.836 $\pm$ 0.468 χ^2 /NDF:622328.1/19

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

All: 1983.760 $\pm$ 0.322 χ^2 /NDF: 1166290.8/42

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 4961.854 ± 2512.232 $\chi^2/\text{NDF}: 2.8/4$

Right Out: -391.453 ± 1361.685 $\chi^2/\text{NDF}: 17.6/17$

Left In: 607.086 ± 3120.803 $\chi^2/\text{NDF}: 1.8/2$

Left: 3249.515 ± 1956.946 $\chi^2/\text{NDF}: 5.8/7$

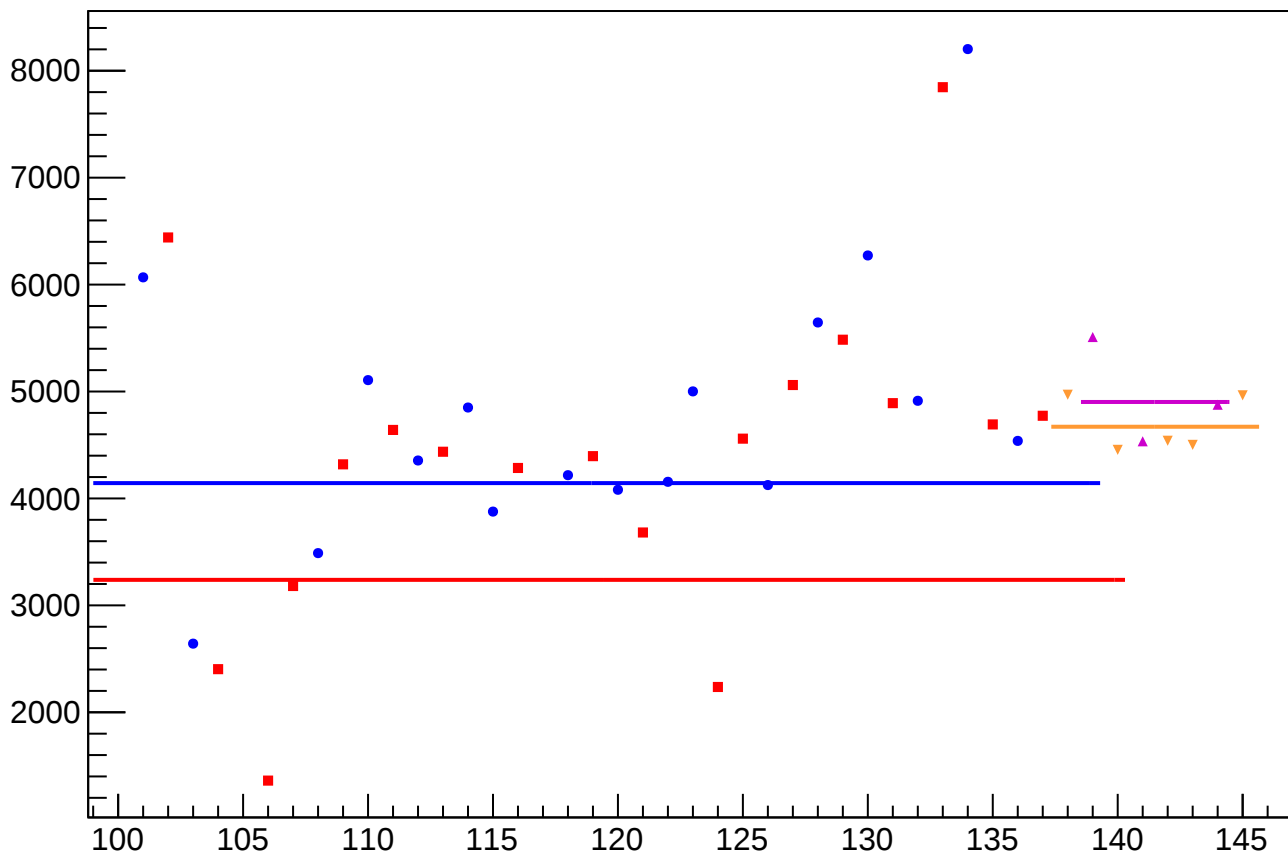
Right: -993.190 ± 1052.280 $\chi^2/\text{NDF}: 32.2/34$

In: -1336.670 ± 1464.177 $\chi^2/\text{NDF}: 16.5/19$

Out: 824.154 ± 1197.141 $\chi^2/\text{NDF}: 23.8/22$

All: -41.602 ± 926.791 $\chi^2/\text{NDF}: 41.6/42$

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: 4902.214+/-2.207 χ^2/NDF : 30377.2/2

Left: 4761.698+/-1.384 χ^2/NDF : 54212.9/7

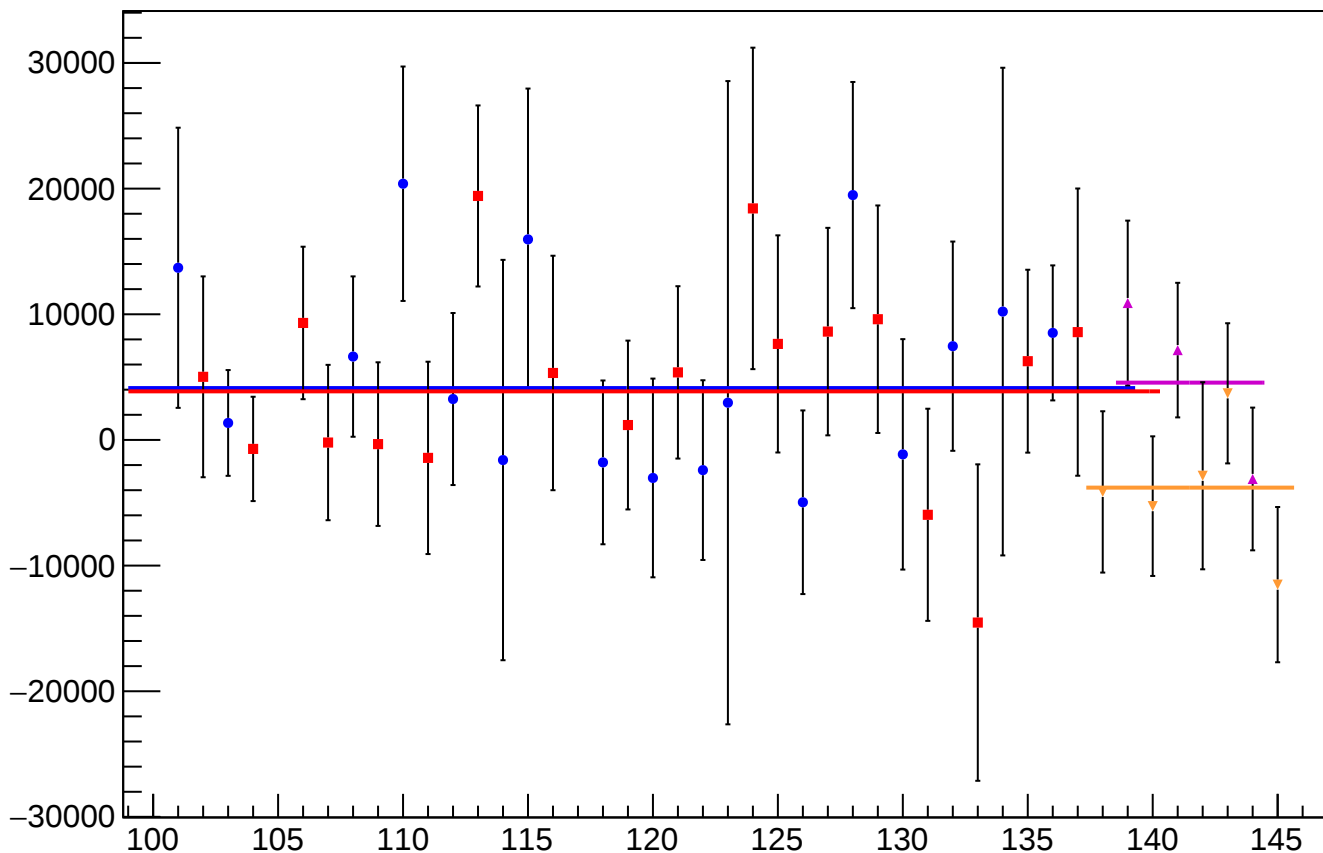
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4310.489+/-1.035 χ^2/NDF : 978544.9/19

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

All: 3862.953+/-0.655 χ^2/NDF : 4391723.7/42

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: 4560.175+/-3349.152 χ^2/NDF : 3.0/2

Left: -443.363+/-2121.272 χ^2/NDF : 10.2/7

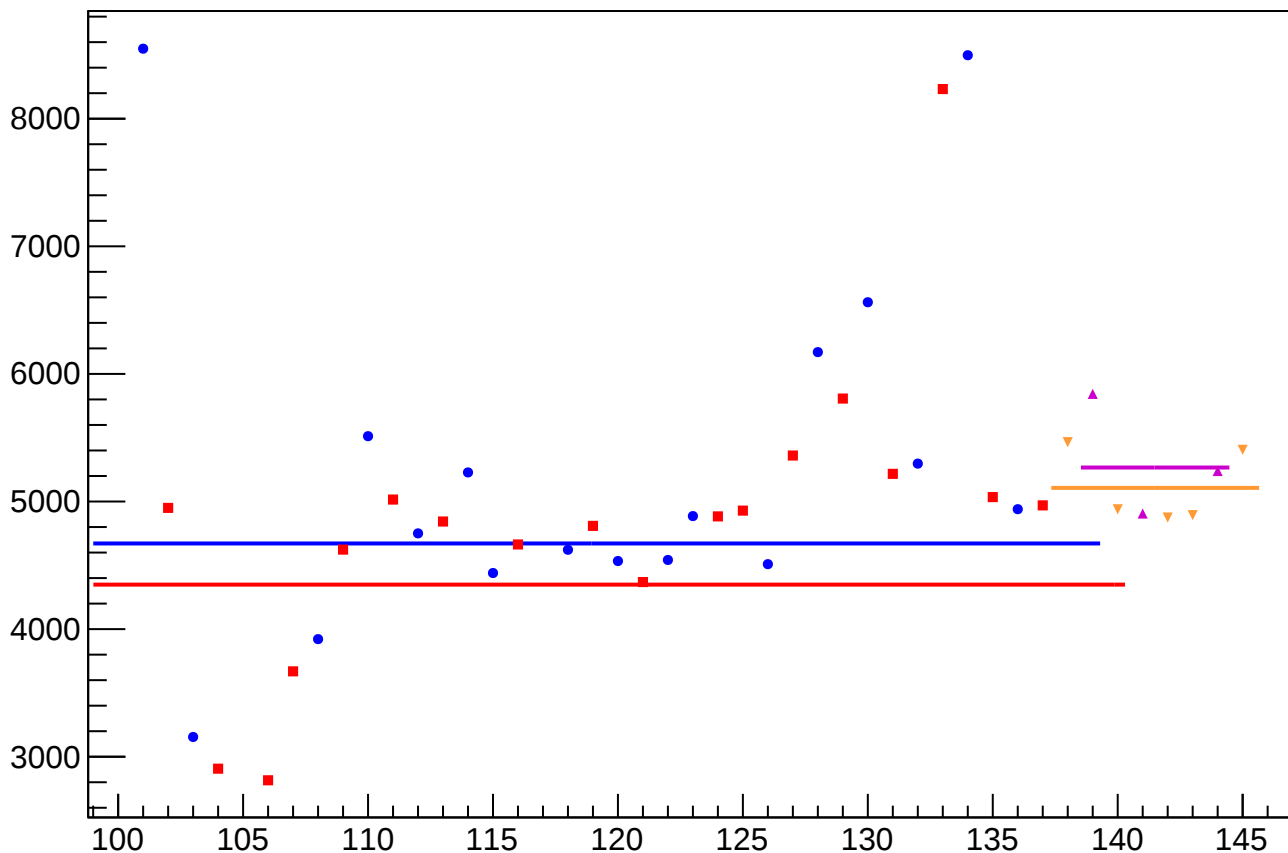
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 4229.086+/-1628.109 χ^2/NDF : 16.7/19

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

All: 2822.236+/-1087.579 χ^2/NDF : 41.3/42

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: 5266.402+/-2.368 χ^2/NDF :24628.8/2

Left: 5170.925+/-1.500 χ^2/NDF : 44950.4/7

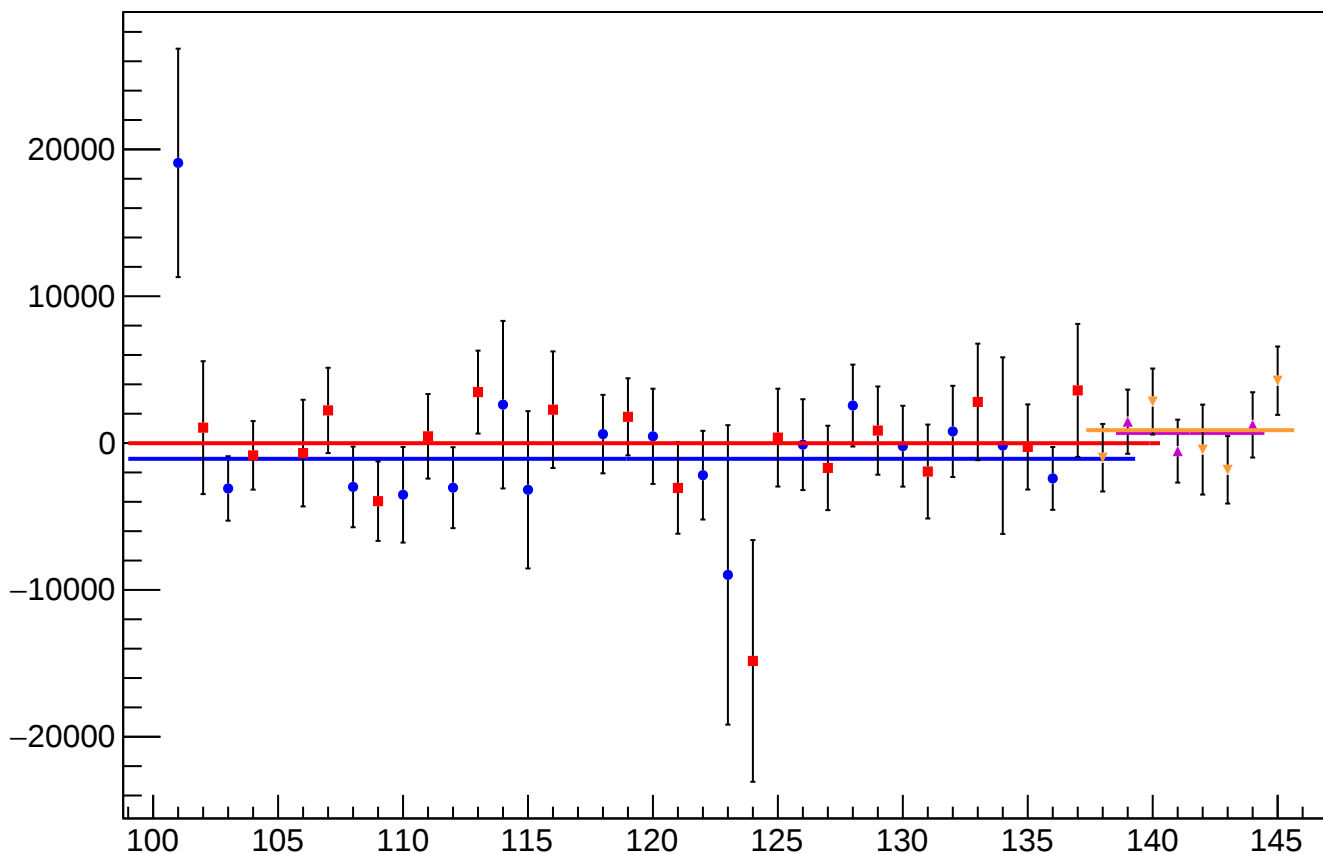
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4811.948+/-1.151 χ^2/NDF :858960.9/19

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

All: 4673.276+/-0.767 χ^2/NDF : 1804985.8/42

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 878.279 ± 1073.458 χ^2/NDF : 5.1/4

Right Out: -8.910 ± 748.092 χ^2/NDF : 11.4/17

Left In: 693.231 ± 1260.707 χ^2/NDF : 0.5/2

Left: 800.505 ± 817.316 χ^2/NDF : 5.6/7

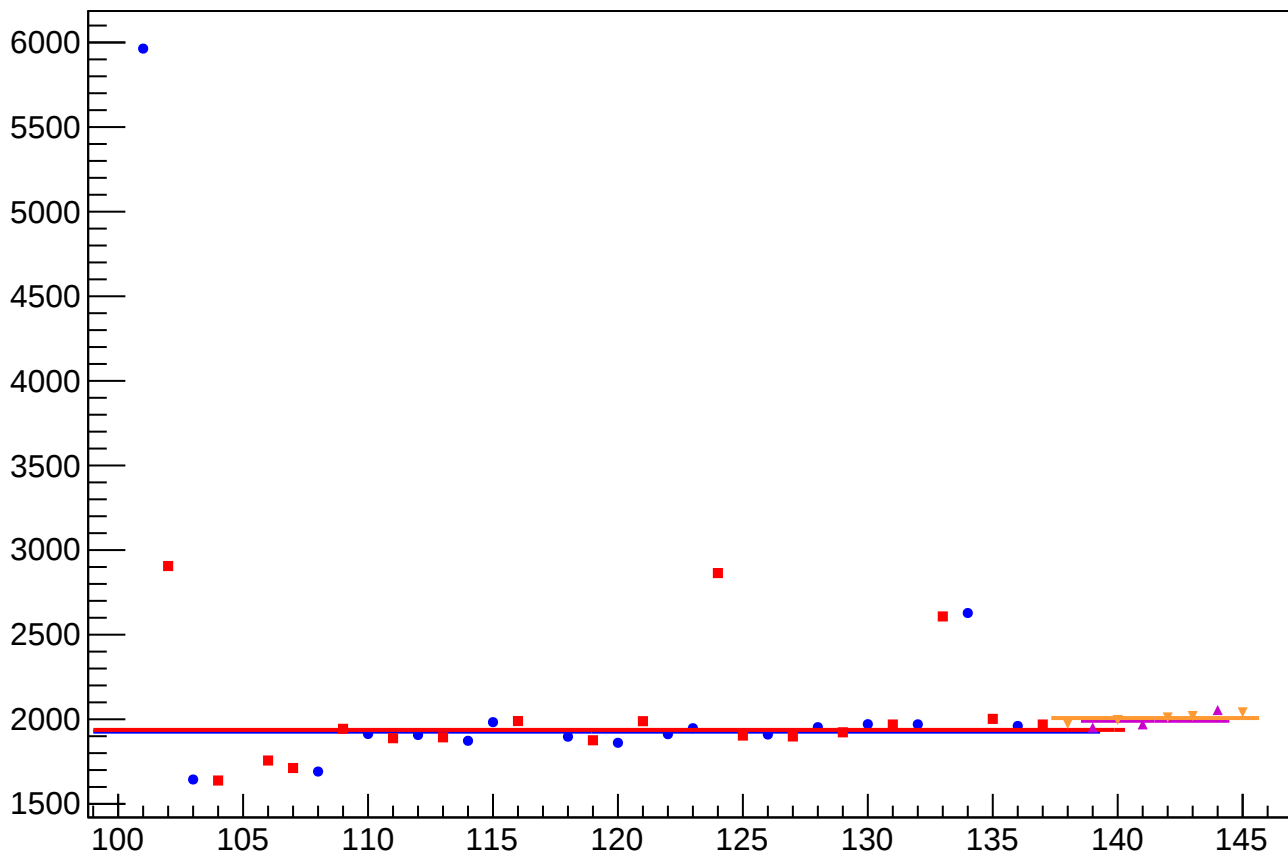
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -598.242 ± 652.742 χ^2/NDF : 15.7/19

Out: 281.114 ± 613.754 χ^2/NDF : 17.0/22

All: -131.519 ± 447.138 χ^2/NDF : 33.6/42

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 ± 0.540 $\chi^2/\text{NDF}: 617116.3/16$

Left Out: 2007.313 ± 0.759 $\chi^2/\text{NDF}: 989.3/4$

Right Out: 1937.280 ± 0.529 $\chi^2/\text{NDF}: 229079.5/17$

Left In: 1991.166 ± 0.891 $\chi^2/\text{NDF}: 2472.3/2$

Left: 2000.527 ± 0.578 $\chi^2/\text{NDF}: 3651.8/7$

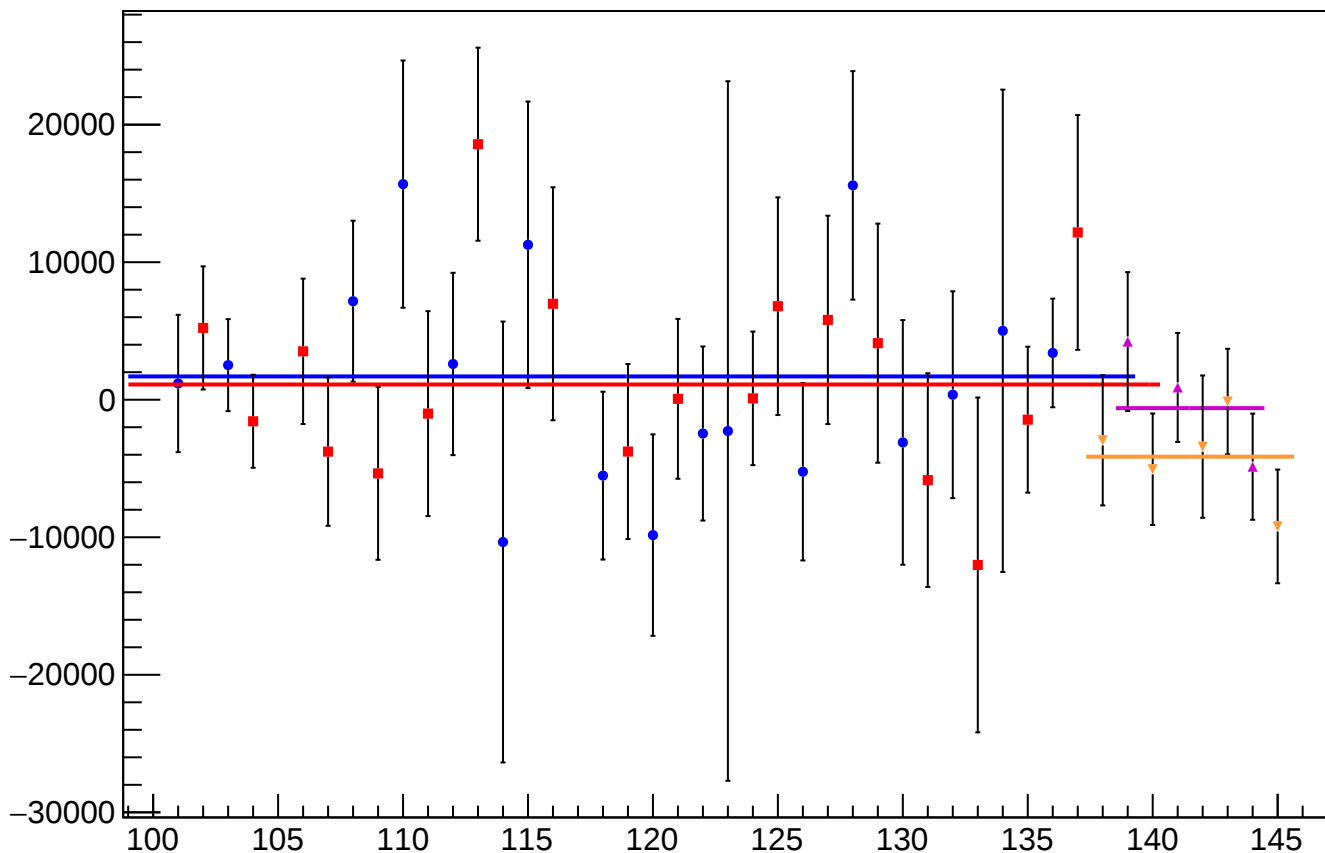
Right: 1932.191 ± 0.378 $\chi^2/\text{NDF}: 846384.9/34$

In: 1944.121 ± 0.462 $\chi^2/\text{NDF}: 623393.7/19$

Out: 1960.151 ± 0.434 $\chi^2/\text{NDF}: 235801.6/22$

All: 1952.633 ± 0.316 $\chi^2/\text{NDF}: 859835.7/42$

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -4140.008+/-1926.780 χ^2/NDF : 2.7/4

Right Out: 1107.921+/-1412.697 χ^2/NDF : 15.9/17

Left In: -611.126+/-2424.879 χ^2/NDF : 2.3/2

Left: -2774.266+/-1508.537 χ^2/NDF : 6.3/7

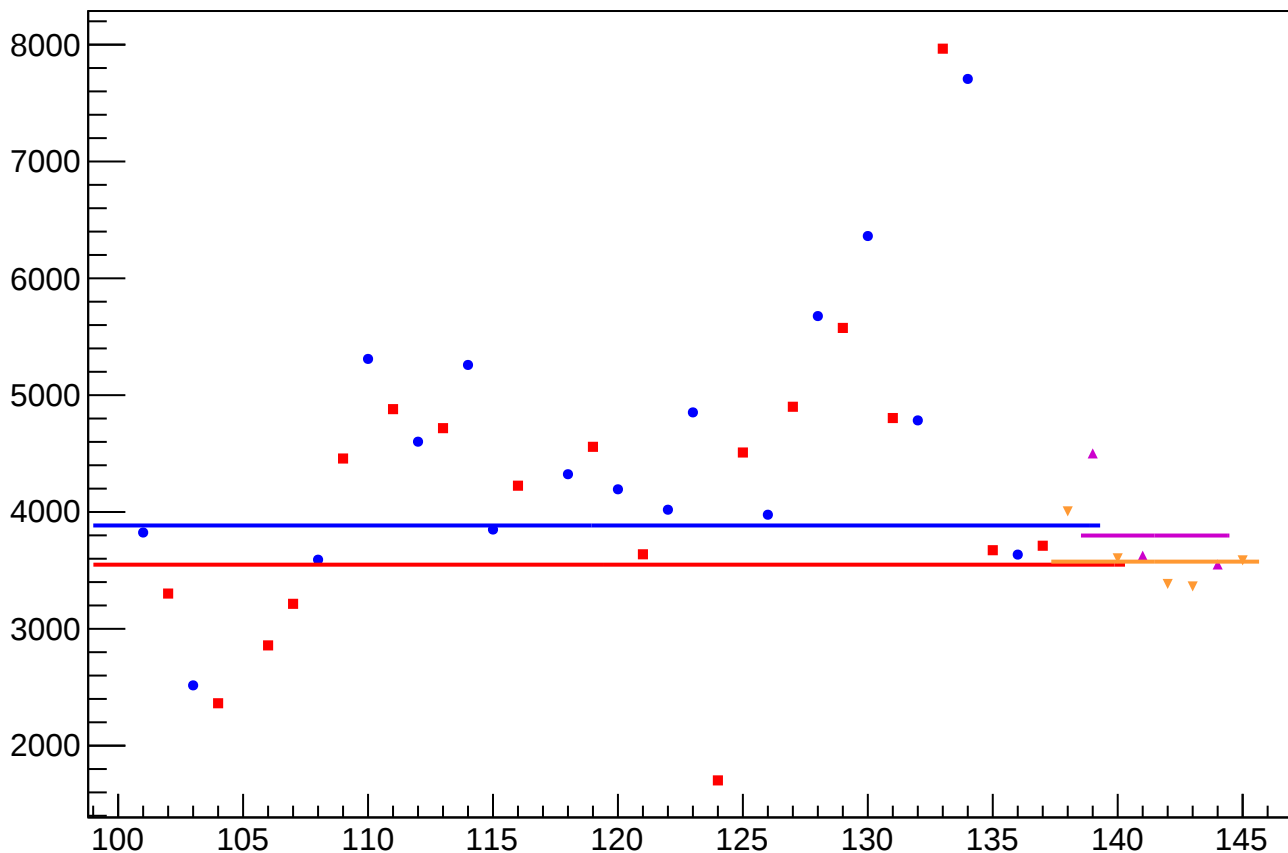
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 1024.143+/-1307.151 χ^2/NDF : 16.5/19

Out: -726.872+/-1139.284 χ^2/NDF : 23.4/22

All: 29.049+/-858.853 χ^2/NDF : 41.0/42

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3575.201+/-1.362 χ^2/NDF : 25486.6/4

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 3798.561+/-1.715 χ^2/NDF : 50788.1/2

Left: 3661.646+/-1.067 χ^2/NDF : 86676.6/7

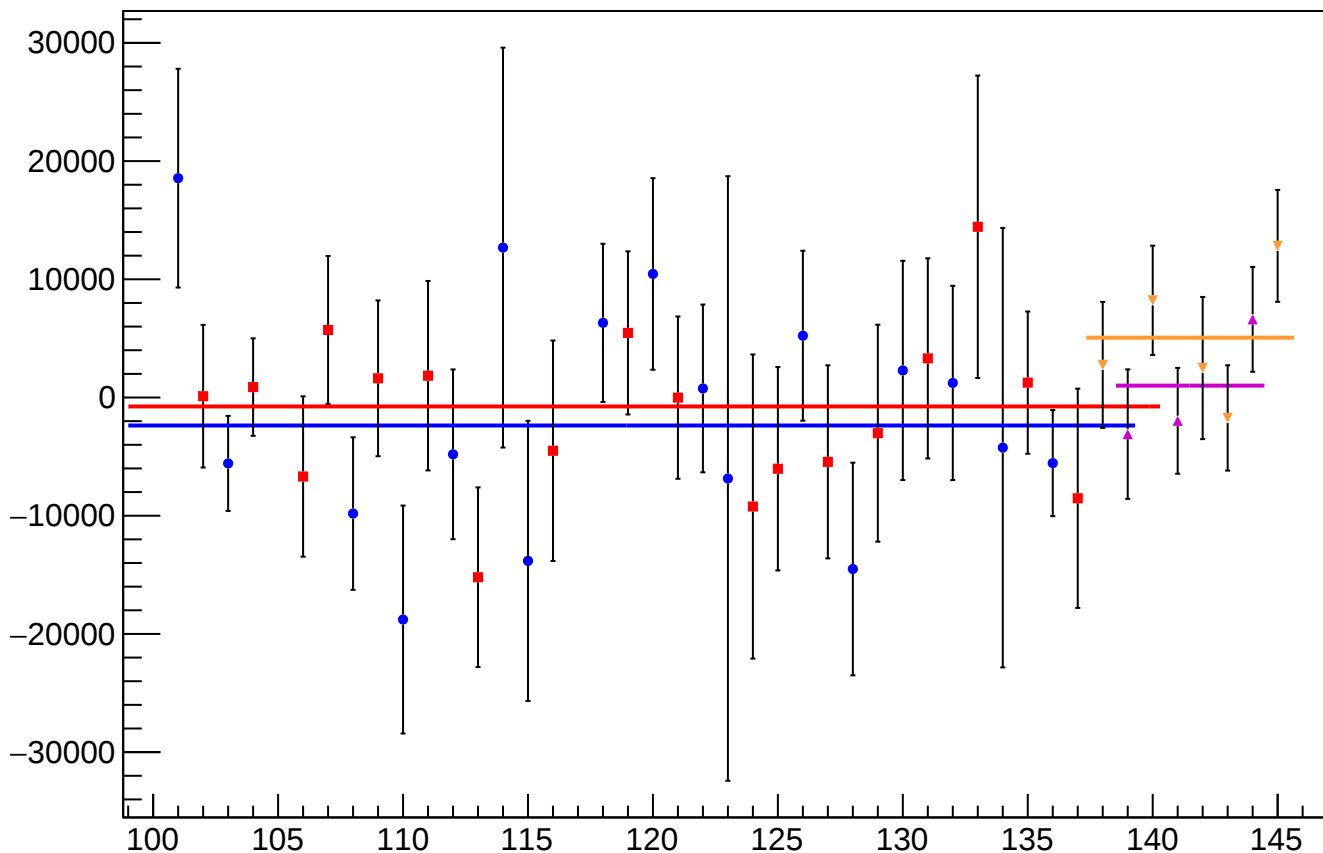
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3859.600+/-0.924 χ^2/NDF : 879138.2/19

Out: 3558.247+/-0.806 χ^2/NDF : 1352672.4/22

All: 3688.343+/-0.607 χ^2/NDF : 2292220.1/42

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: 1005.224 $\pm$ 2731.093 χ^2/NDF : 2.6/2

Left: 3457.112 $\pm$ 1718.281 χ^2/NDF : 9.8/7

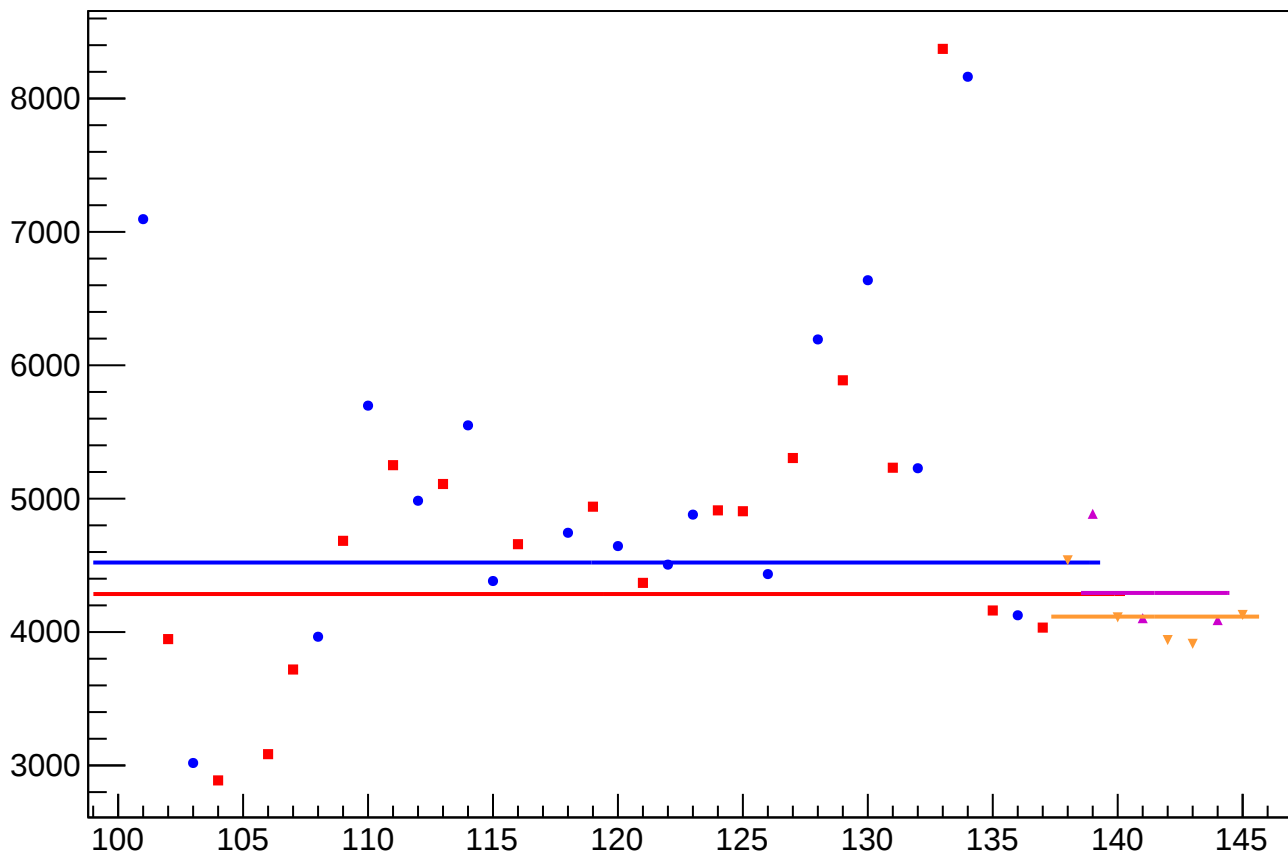
Right: -1511.498 $\pm$ 1233.889 χ^2/NDF : 31.1/34

In: -1344.600 $\pm$ 1504.065 χ^2/NDF : 23.8/19

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

All: 178.930 $\pm$ 1002.248 χ^2/NDF : 46.4/42

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: 4293.197 +/- 1.931 χ^2/NDF : 31248.5/2

Left: 4186.014 +/- 1.215 χ^2/NDF : 54808.4/7

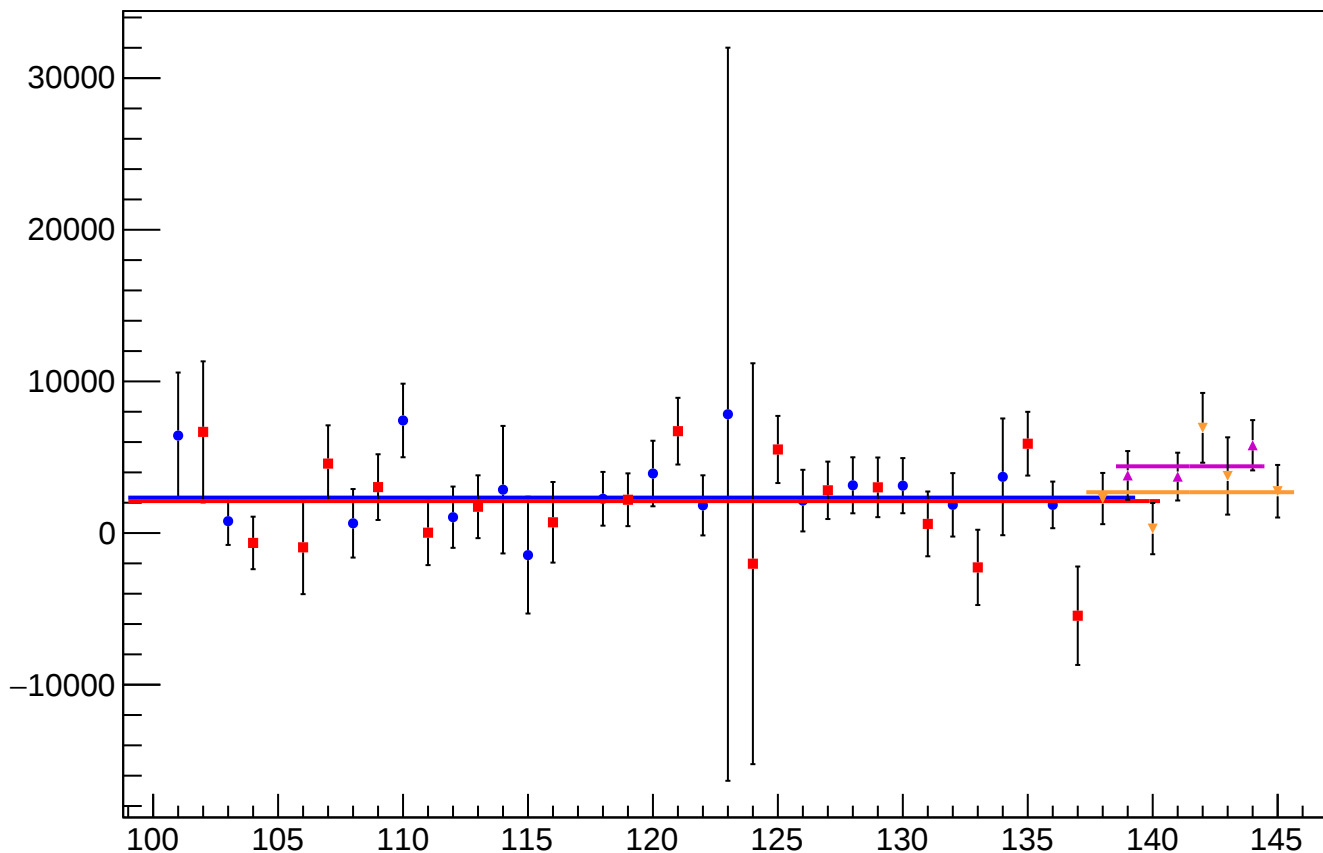
Right: 4395.146 +/- 0.870 χ^2/NDF : 1543416.6/34

In: 4452.069 +/- 1.064 χ^2/NDF : 819637.6/19

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

All: 4324.273 +/- 0.707 χ^2/NDF : 1617811.5/42

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: 4400.672 $\pm$ 930.642 χ^2 /NDF:1.0/2

Left: 3472.096 $\pm$ 628.597 χ^2 /NDF: 8.5/7

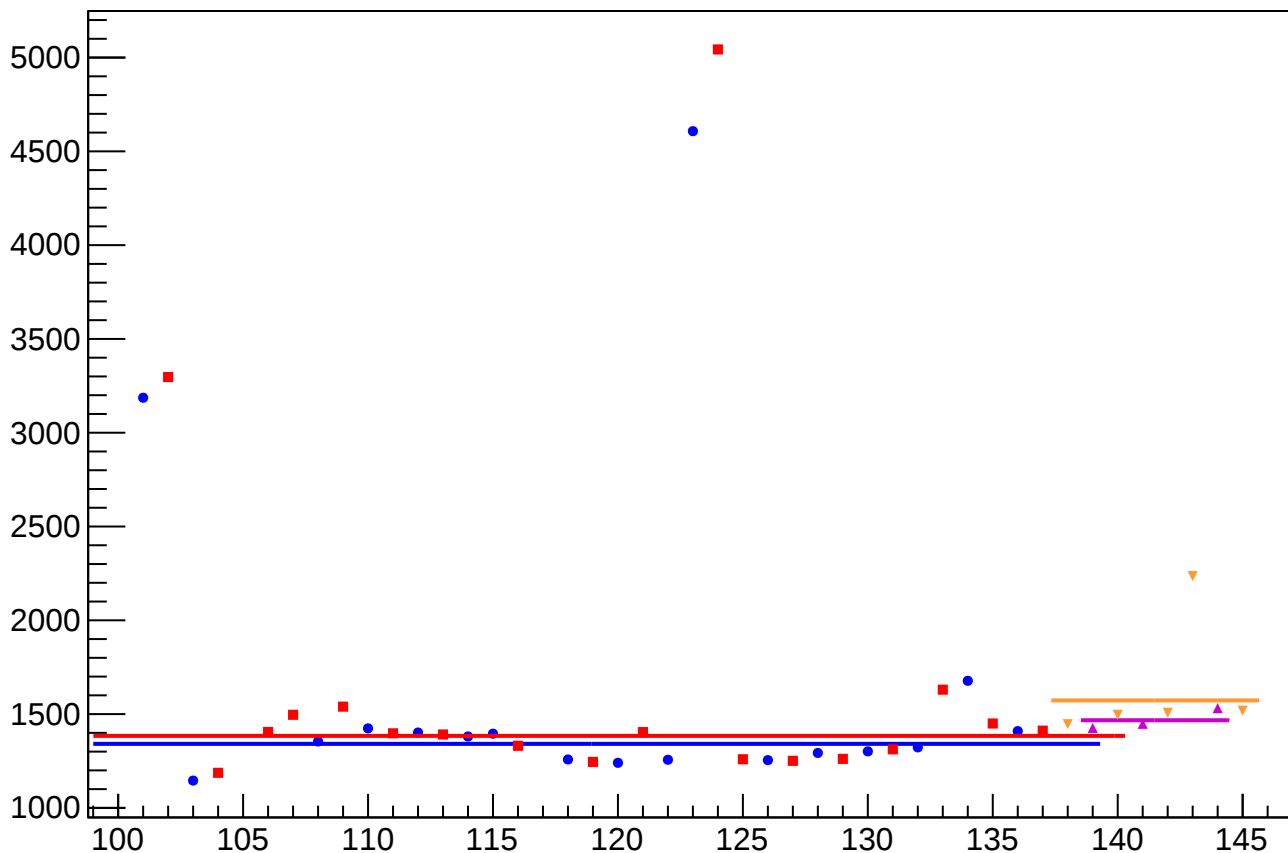
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2844.007 $\pm$ 461.294 χ^2 /NDF:14.4/19

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

All: 2556.046 $\pm$ 324.274 χ^2 /NDF: 47.5/42

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: 1467.239+/-0.658 χ^2/NDF :4637.0/2

Left: 1524.759+/-0.444 χ^2/NDF : 172868.9/7

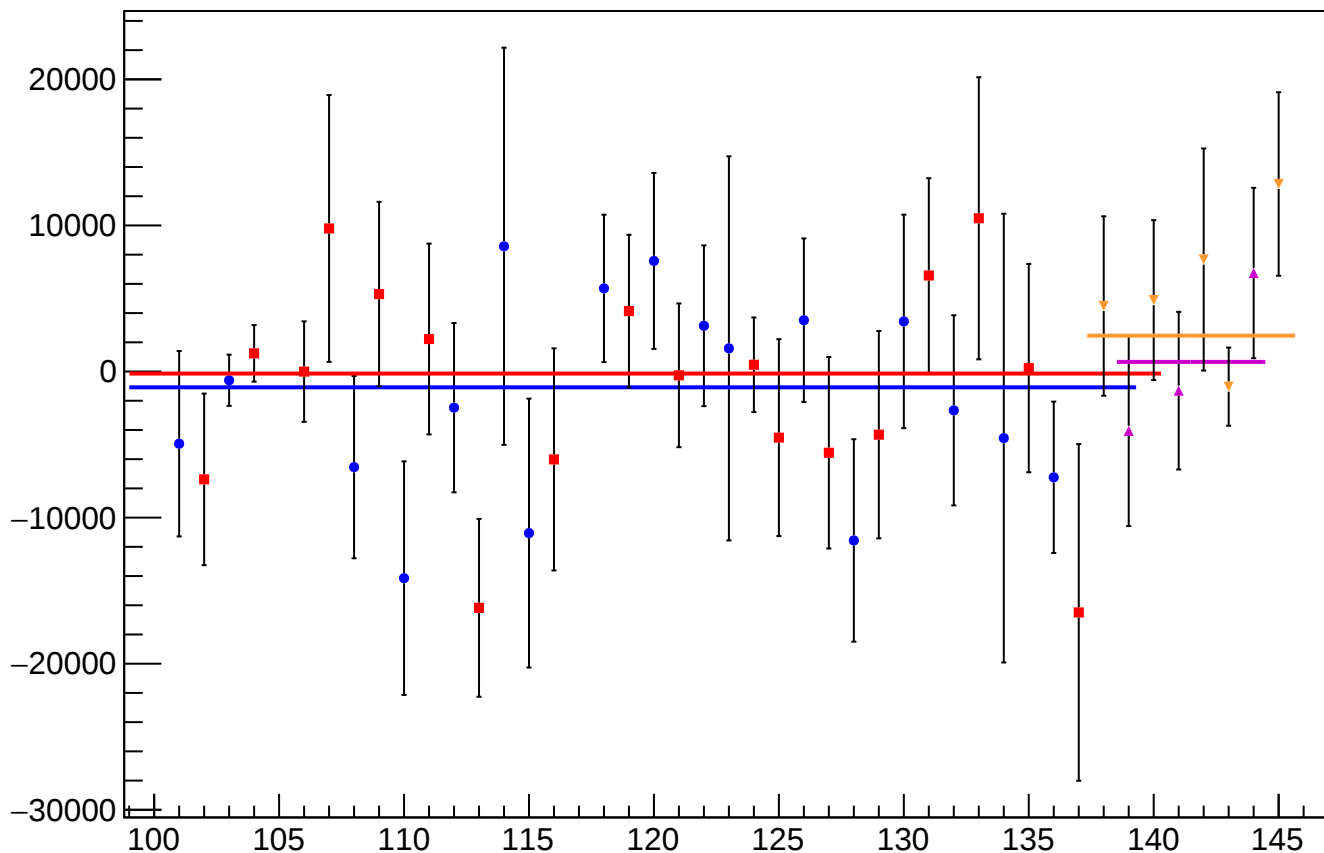
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1372.298+/-0.326 χ^2/NDF :536503.6/19

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

All: 1405.533+/-0.229 χ^2/NDF : 1375333.5/42

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: 660.024+/-3384.225 χ^2/NDF : 1.7/2

Left: 1982.471+/-1741.588 χ^2/NDF : 7.2/7

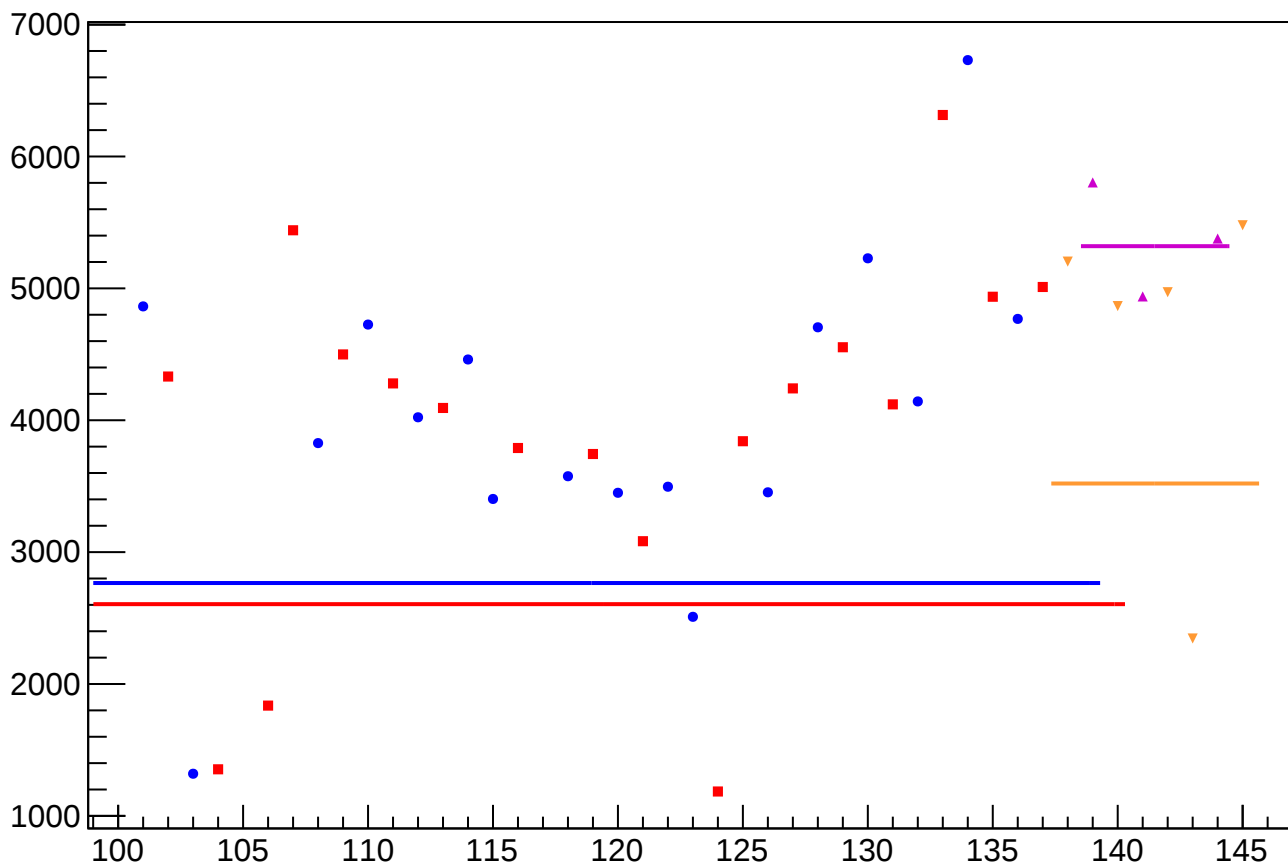
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -883.008+/-1141.352 χ^2/NDF : 17.0/19

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

All: -106.304+/-746.577 χ^2/NDF : 42.3/42

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3520.313 $\pm$ 1.436 χ^2 /NDF: 924376.7/4

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

Left In: 5319.968 $\pm$ 2.393 χ^2 /NDF: 21180.1/2

Left: 3996.921 $\pm$ 1.231 χ^2 /NDF: 1361348.6/7

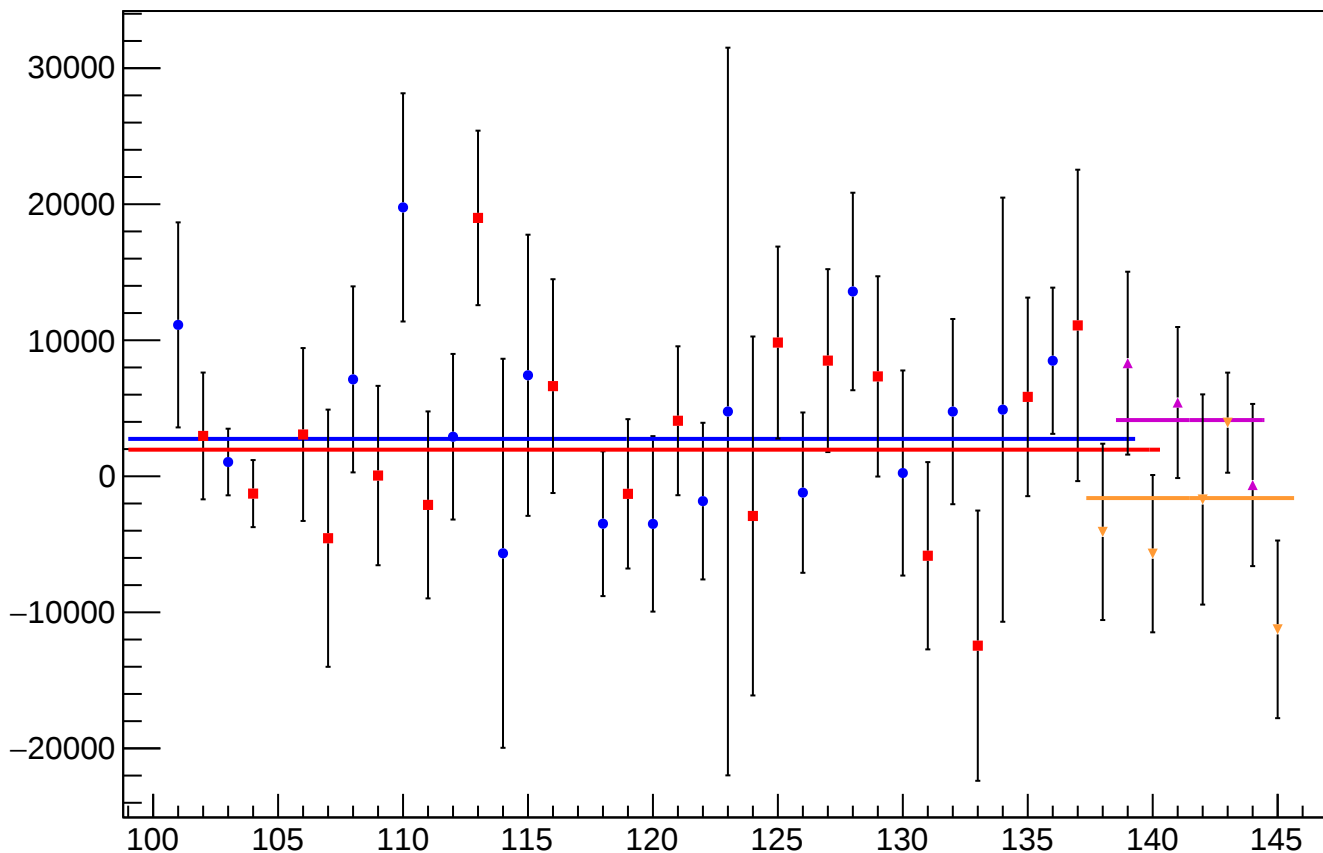
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3056.260 $\pm$ 0.807 χ^2 /NDF: 3969963.0/19

Out: 2821.534 $\pm$ 0.698 χ^2 /NDF: 4556584.2/22

All: 2921.966 $\pm$ 0.528 χ^2 /NDF: 8574942.9/42

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: 4133.177+/-3477.103 χ^2/NDF : 1.1/2

Left: 291.876+/-1997.920 χ^2/NDF : 8.0/7

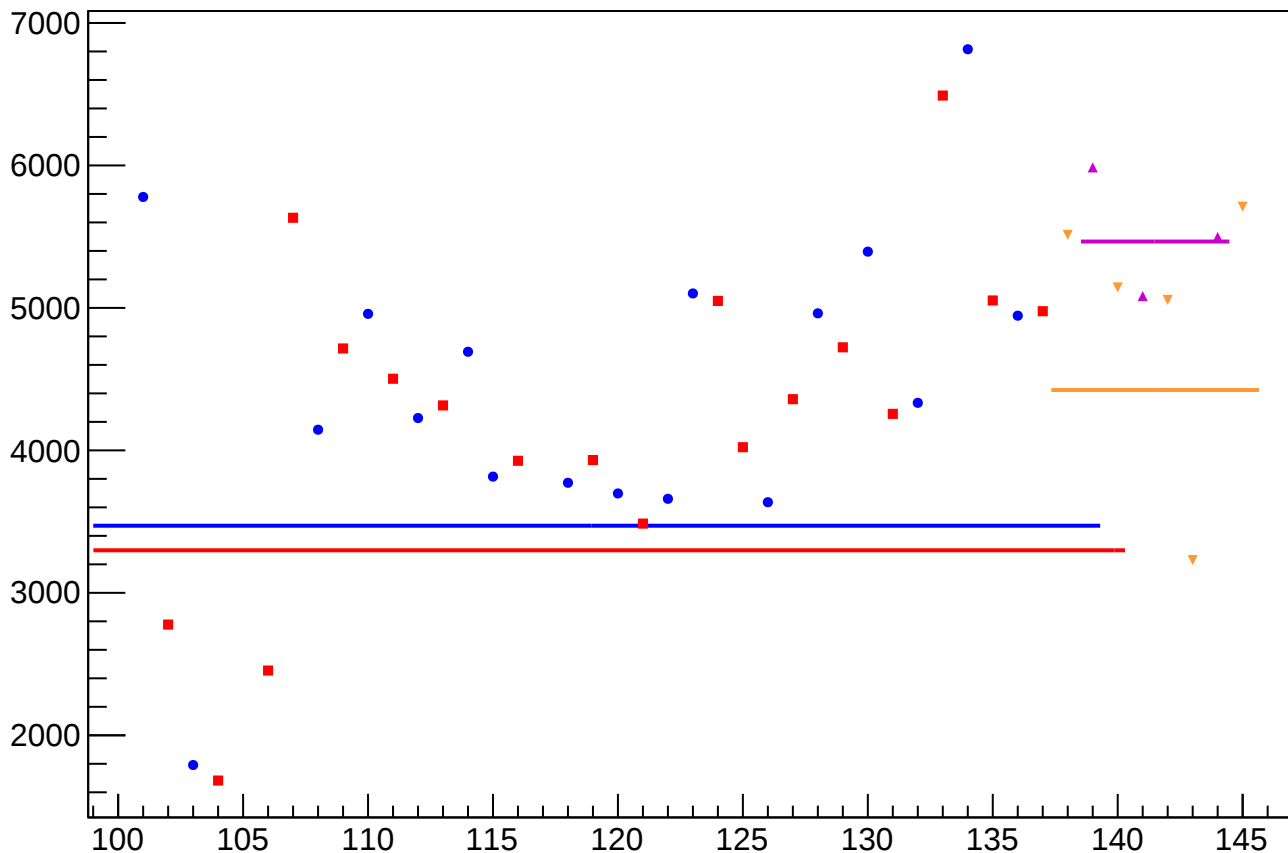
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2952.627+/-1335.652 χ^2/NDF : 15.0/19

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

All: 1925.319+/-894.355 χ^2/NDF : 40.6/42

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: 5465.849+/-2.459 χ^2/NDF : 21537.4/2

Left: 4767.860+/-1.413 χ^2/NDF : 531117.5/7

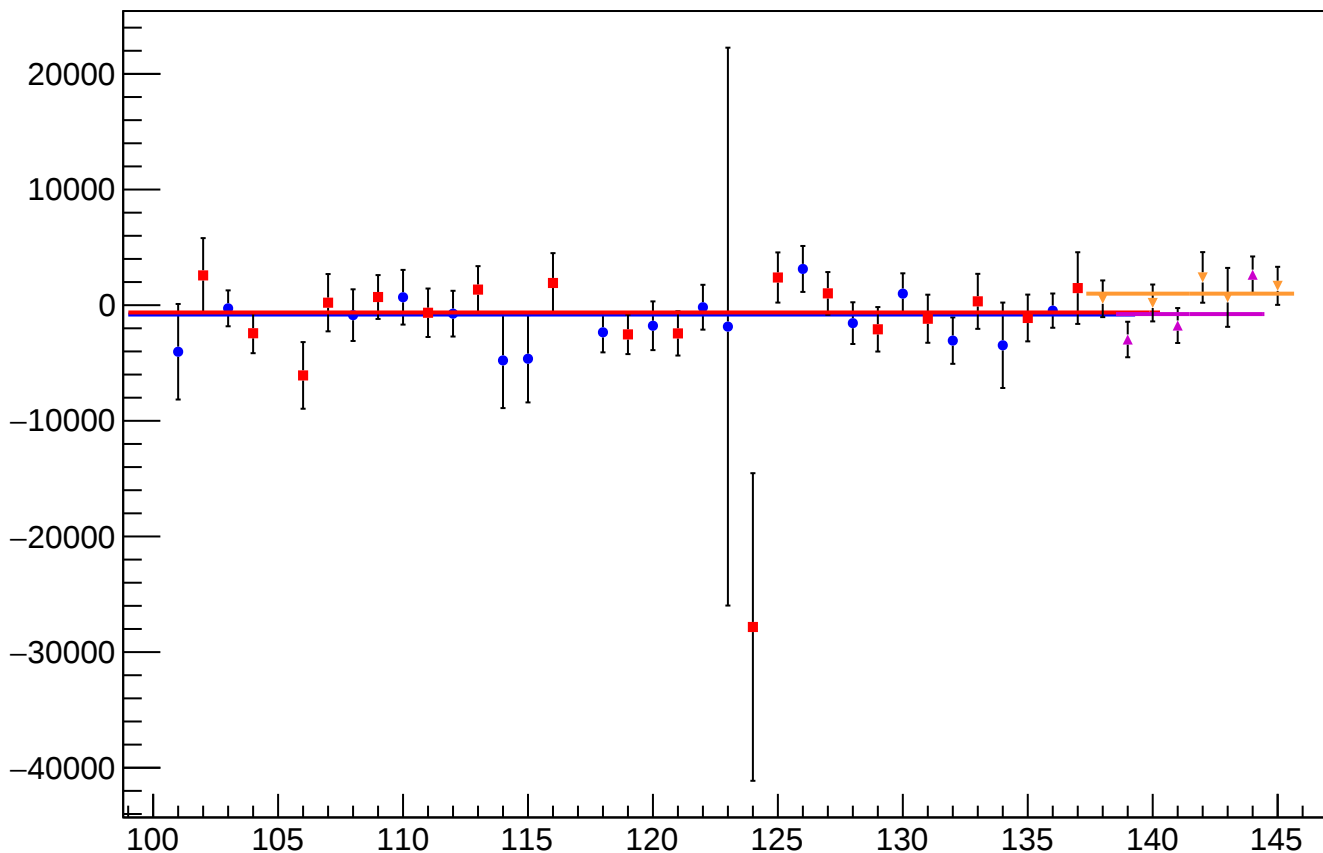
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3765.467+/-0.944 χ^2/NDF : 2350501.4/19

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

All: 3656.213+/-0.630 χ^2/NDF : 4972842.0/42

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: -769.174+/-889.290 χ^2/NDF : 7.1/2

Left: 195.950+/-598.938 χ^2/NDF : 10.2/7

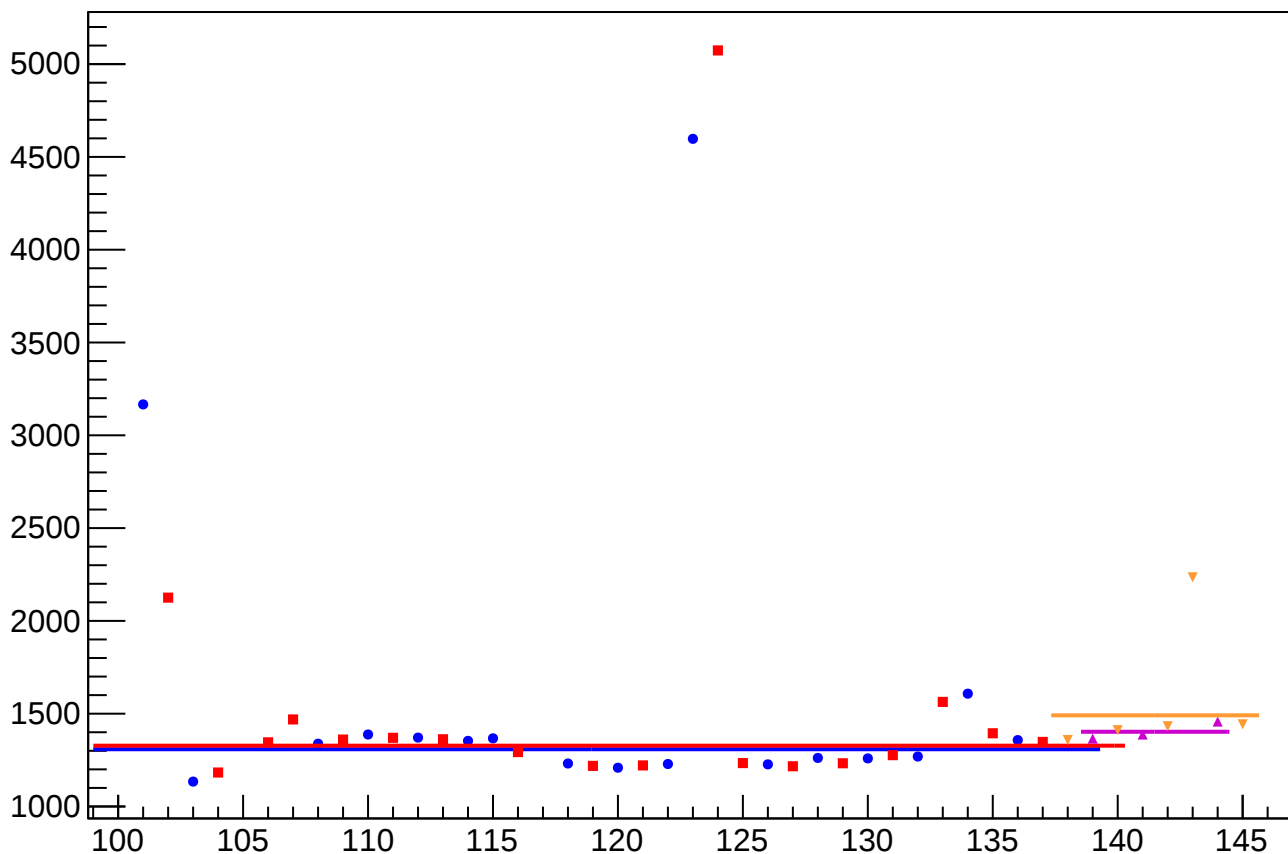
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -798.917+/-447.725 χ^2/NDF : 18.3/19

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

All: -471.166+/-311.844 χ^2/NDF : 41.7/42

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: 1402.593+/-0.629 χ^2/NDF : 3785.7/2

Left: 1451.000+/-0.424 χ^2/NDF : 207216.0/7

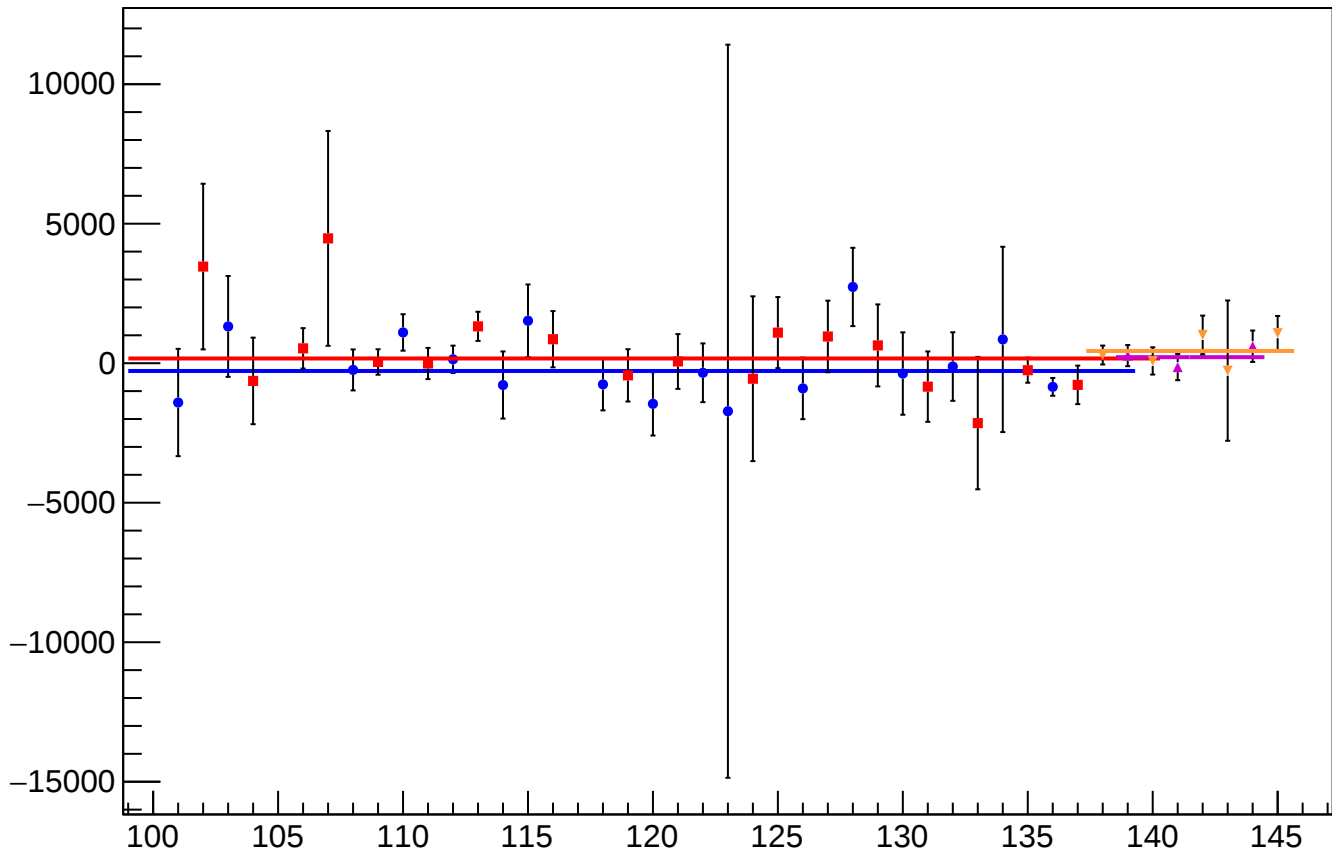
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1332.251+/-0.317 χ^2/NDF : 527093.1/19

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

All: 1354.104+/-0.221 χ^2/NDF : 1144298.0/42

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 438.744 ± 236.980 $\chi^2/\text{NDF}: 2.6/4$

Right Out: 169.608 ± 192.488 $\chi^2/\text{NDF}: 14.4/17$

Left In: 216.611 ± 260.993 $\chi^2/\text{NDF}: 1.1/2$

Left: 338.364 ± 175.447 $\chi^2/\text{NDF}: 4.0/7$

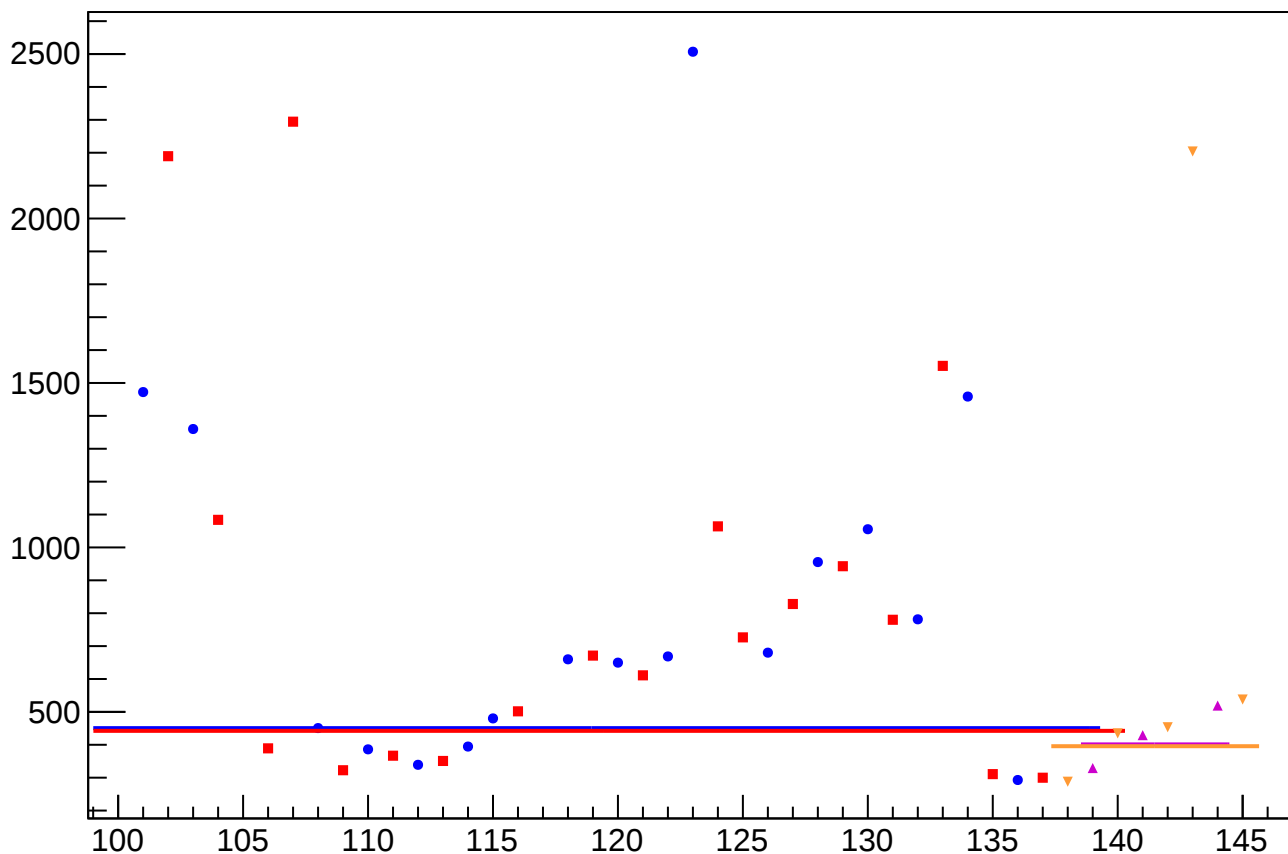
Right: -48.085 ± 138.058 $\chi^2/\text{NDF}: 35.0/34$

In: -97.629 ± 157.805 $\chi^2/\text{NDF}: 21.4/19$

Out: 276.590 ± 149.410 $\chi^2/\text{NDF}: 17.7/22$

All: 99.699 ± 108.496 $\chi^2/\text{NDF}: 42.1/42$

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: 401.149+/-0.185 χ^2/NDF : 167291.5/2

Left: 398.141+/-0.124 χ^2/NDF : 1538941.1/7

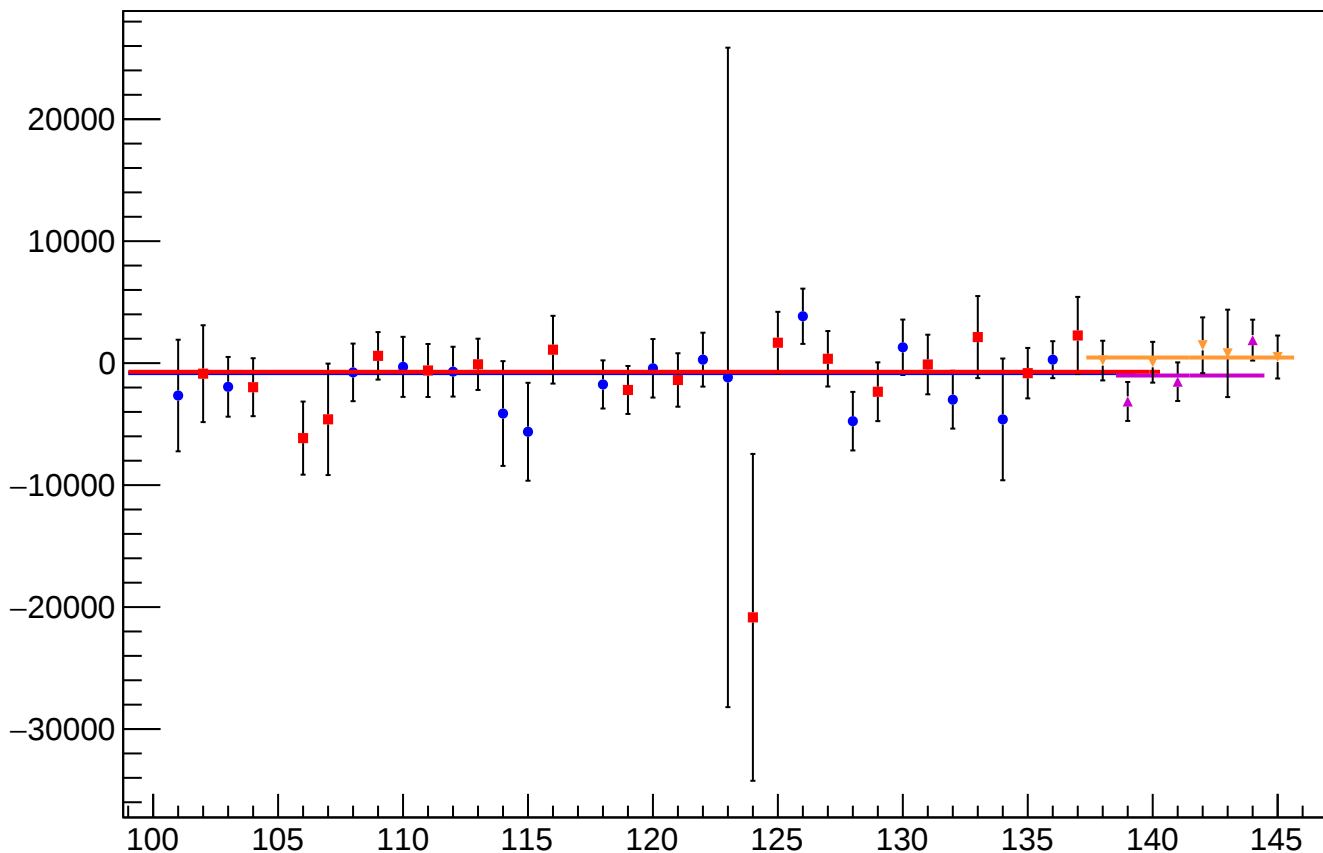
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 432.519+/-0.112 χ^2/NDF : 3210569.3/19

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

All: 427.922+/-0.077 χ^2/NDF : 8000089.2/42

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 458.891+/-867.992 χ^2/NDF : 0.3/4

Right Out: -710.618+/-596.065 χ^2/NDF : 11.4/17

Left In: -1014.943+/-933.271 χ^2/NDF : 4.9/2

Left: -224.684+/-635.589 χ^2/NDF : 6.5/7

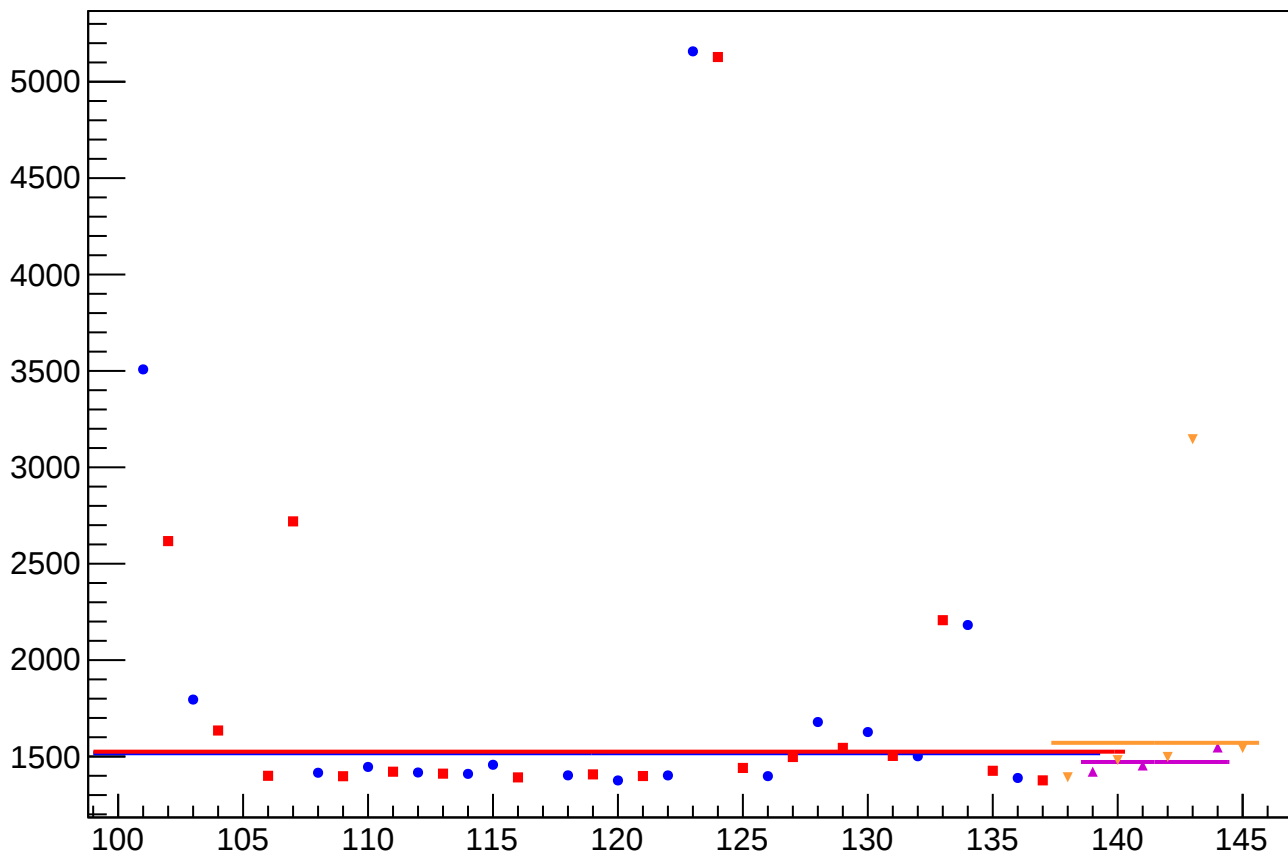
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -875.122+/-505.381 χ^2/NDF : 17.6/19

Out: -335.839+/-491.362 χ^2/NDF : 12.9/22

All: -597.898+/-352.297 χ^2/NDF : 31.1/42

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1571.057+/-0.614 χ^2/NDF : 418589.3/4

Right Out: 1525.099+/-0.421 χ^2/NDF : 571929.2/17

Left In: 1471.571+/-0.660 χ^2/NDF : 6292.1/2

Left: 1524.915+/-0.449 χ^2/NDF : 437067.4/7

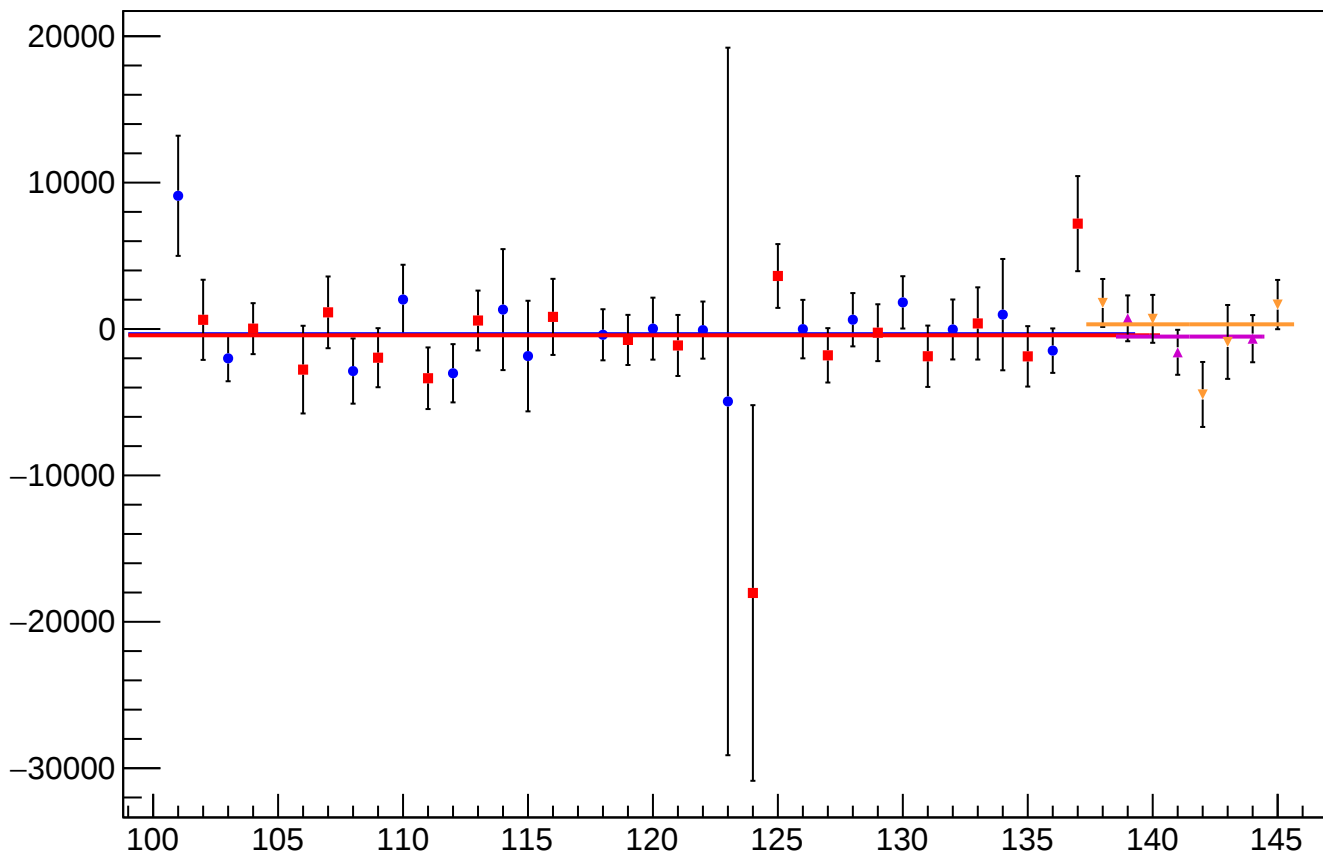
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1503.633+/-0.357 χ^2/NDF : 550671.4/19

Out: 1539.827+/-0.347 χ^2/NDF : 994328.6/22

All: 1522.239+/-0.249 χ^2/NDF : 1550273.4/42

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: -517.571+/-906.503 χ^2/NDF : 1.1/2

Left: -60.528+/-611.200 χ^2/NDF : 8.0/7

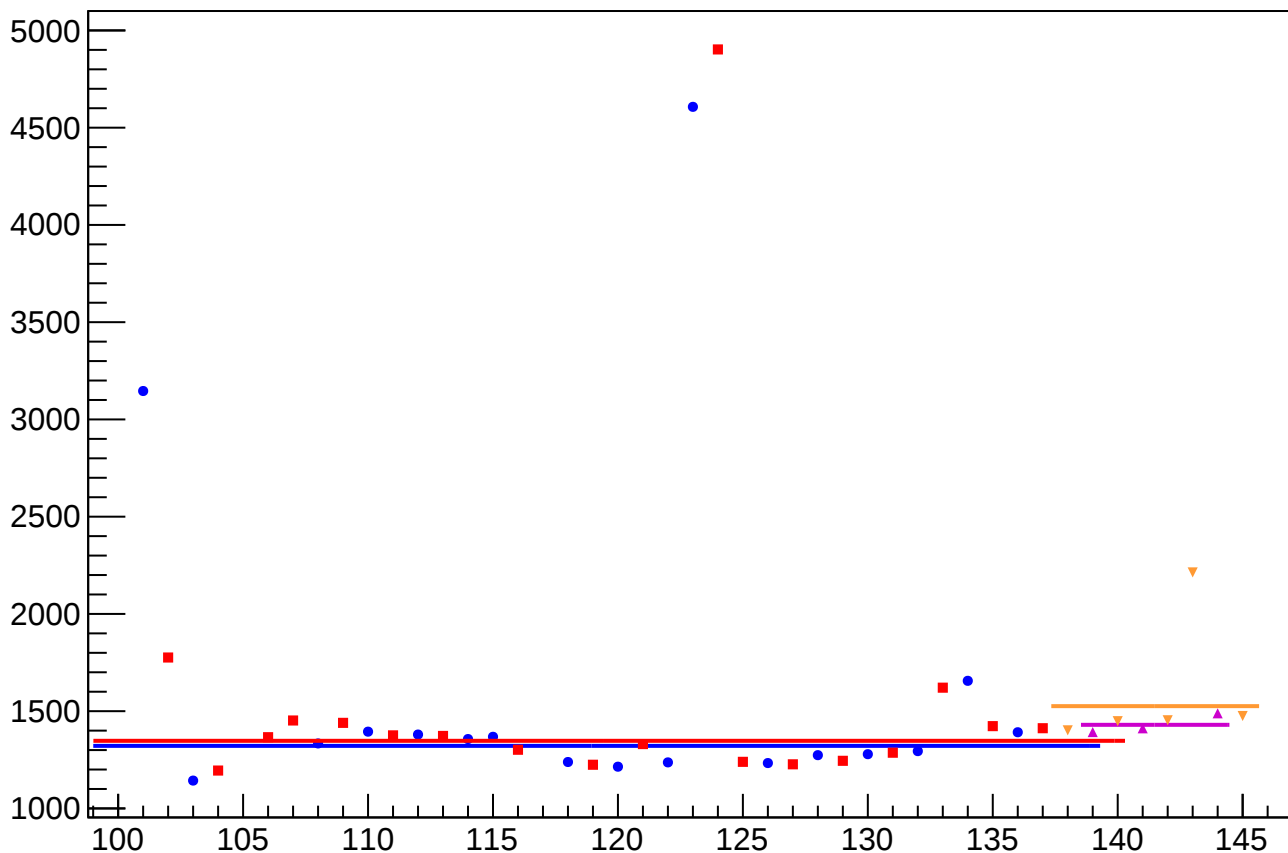
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -394.235+/-453.222 χ^2/NDF : 14.6/19

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

All: -302.639+/-316.332 χ^2/NDF : 38.4/42

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: 1429.833+/-0.641 χ^2/NDF : 4100.0/2

Left: 1482.204+/-0.432 χ^2/NDF : 184743.9/7

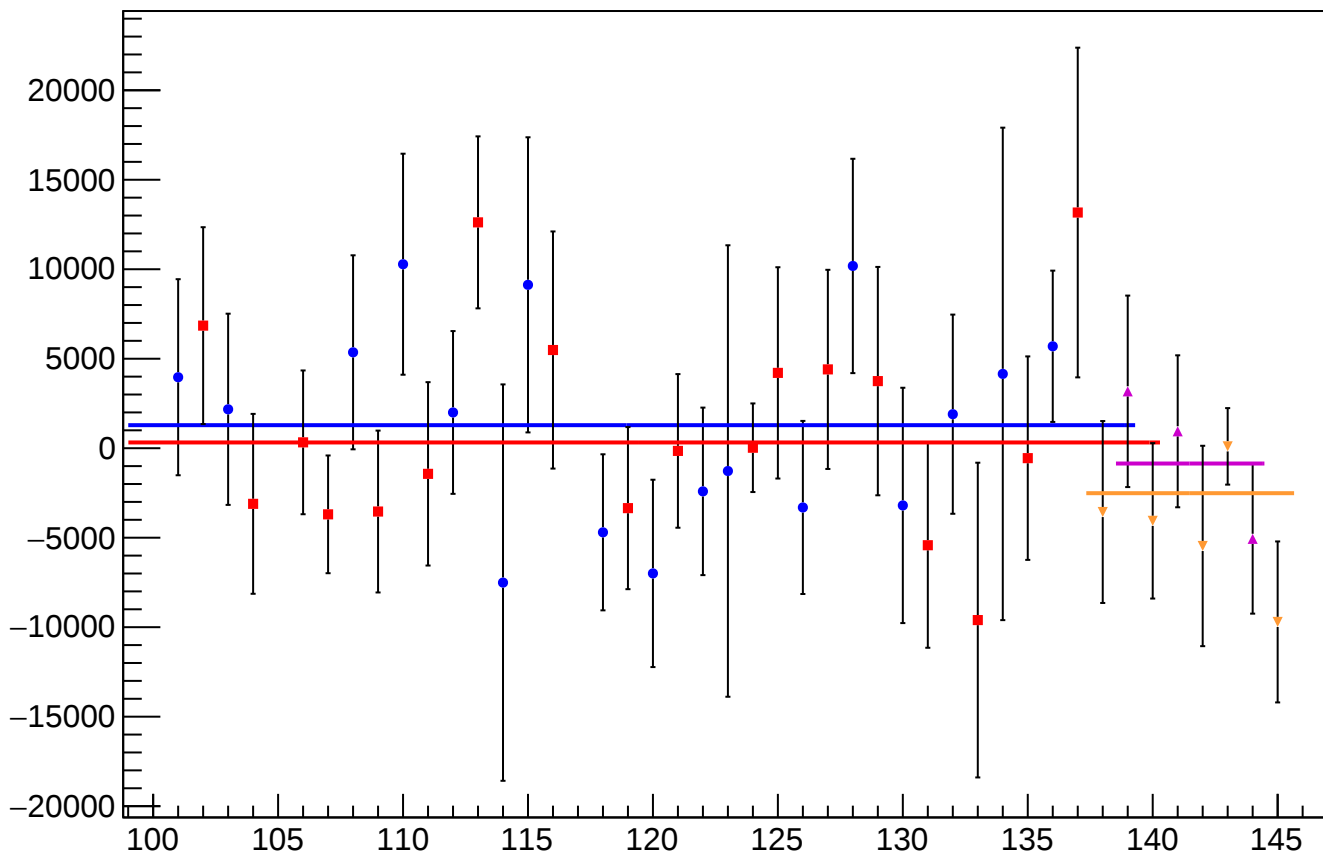
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1348.732+/-0.320 χ^2/NDF : 527689.5/19

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

All: 1374.199+/-0.224 χ^2/NDF : 1061042.9/42

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: -855.522+/-2602.455 χ^2/NDF : 1.8/2

Left: -2059.297+/-1361.398 χ^2/NDF : 6.6/7

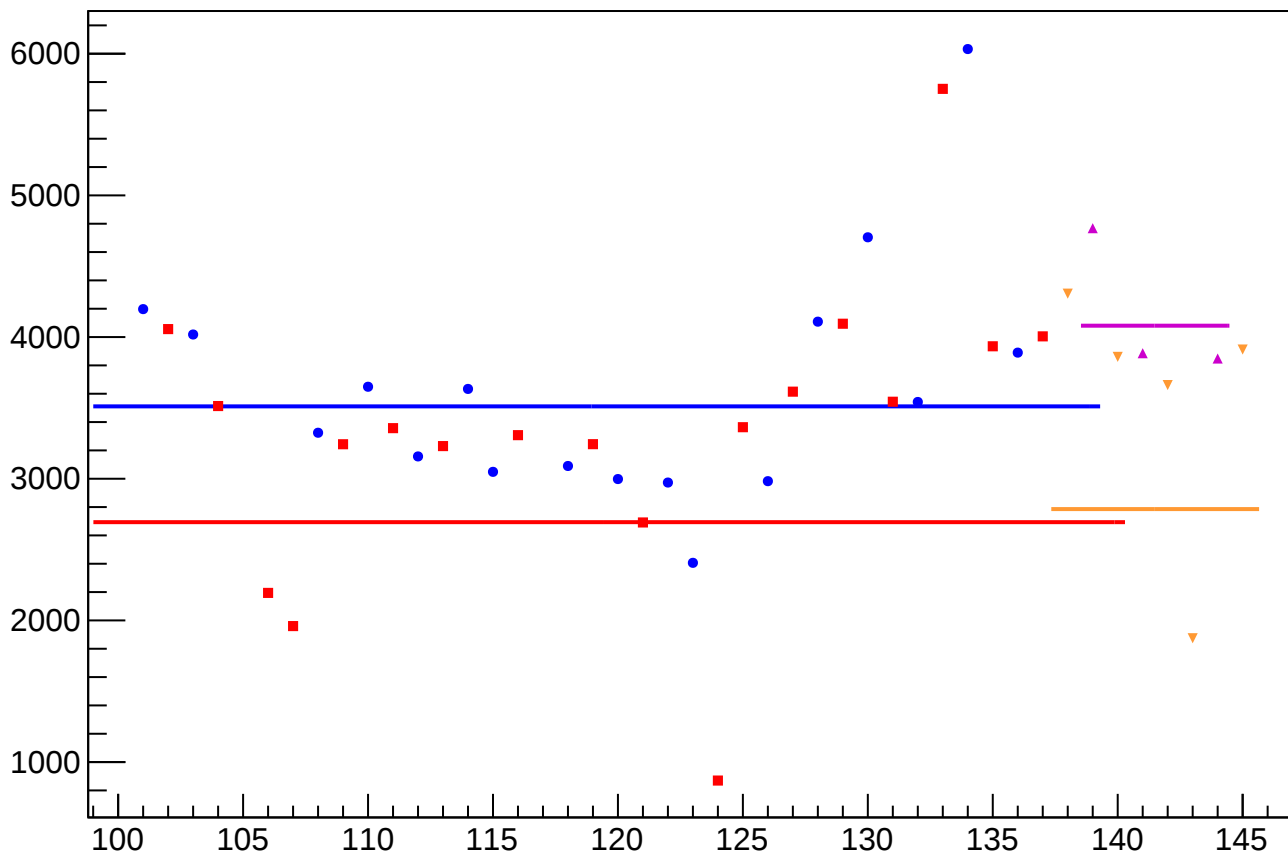
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 819.368+/-1216.333 χ^2/NDF : 16.6/19

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

All: -89.032+/-728.175 χ^2/NDF : 41.6/42

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: 4080.290+/-1.840 χ^2/NDF : 43433.7/2

Left: 3140.047+/-0.963 χ^2/NDF : 1242320.4/7

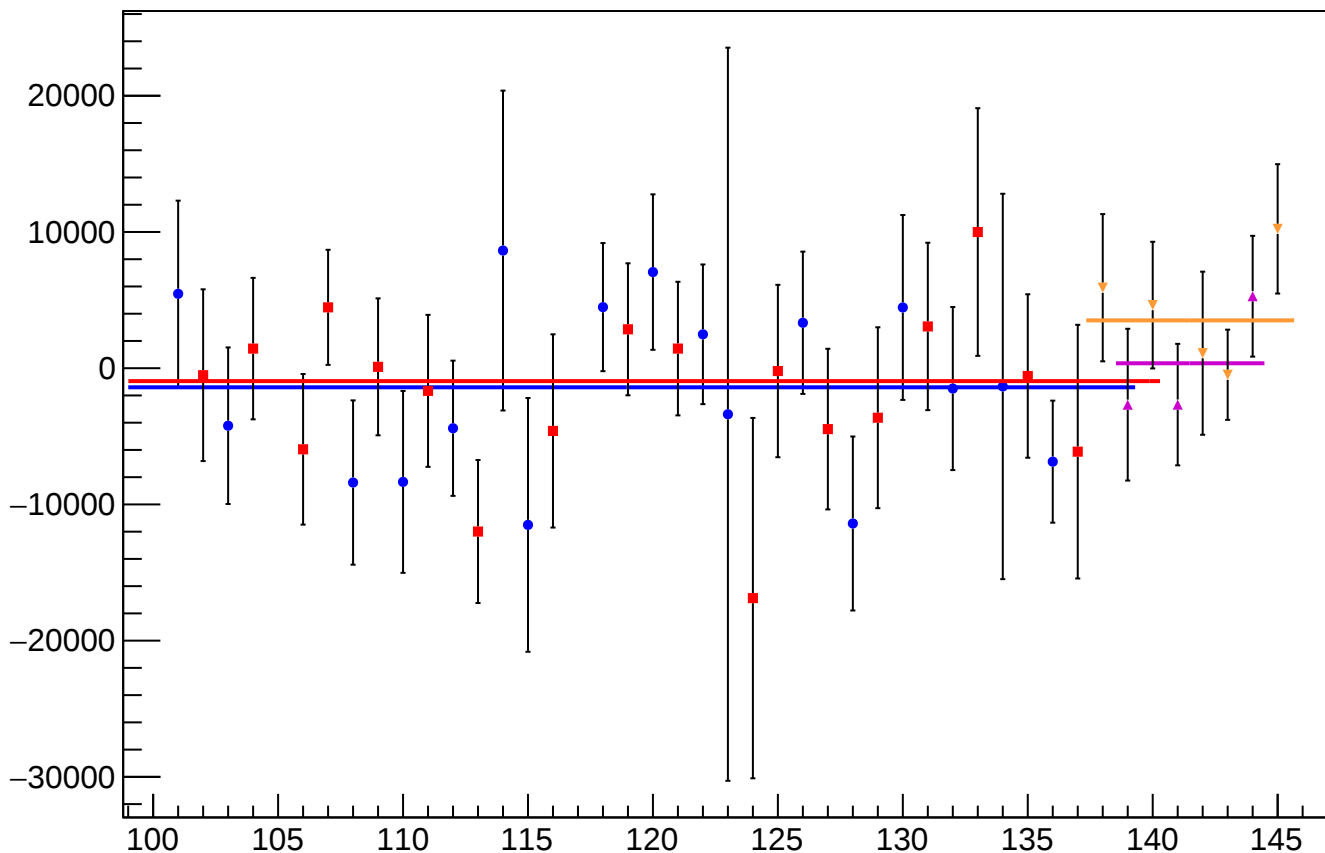
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3635.200+/-0.860 χ^2/NDF : 462339.1/19

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

All: 3050.186+/-0.515 χ^2/NDF : 4153259.1/42

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: 361.372 $\pm$ 2738.294 χ^2 /NDF:2.0/2

Left: 2398.651 $\pm$ 1627.905 χ^2 /NDF: 6.7/7

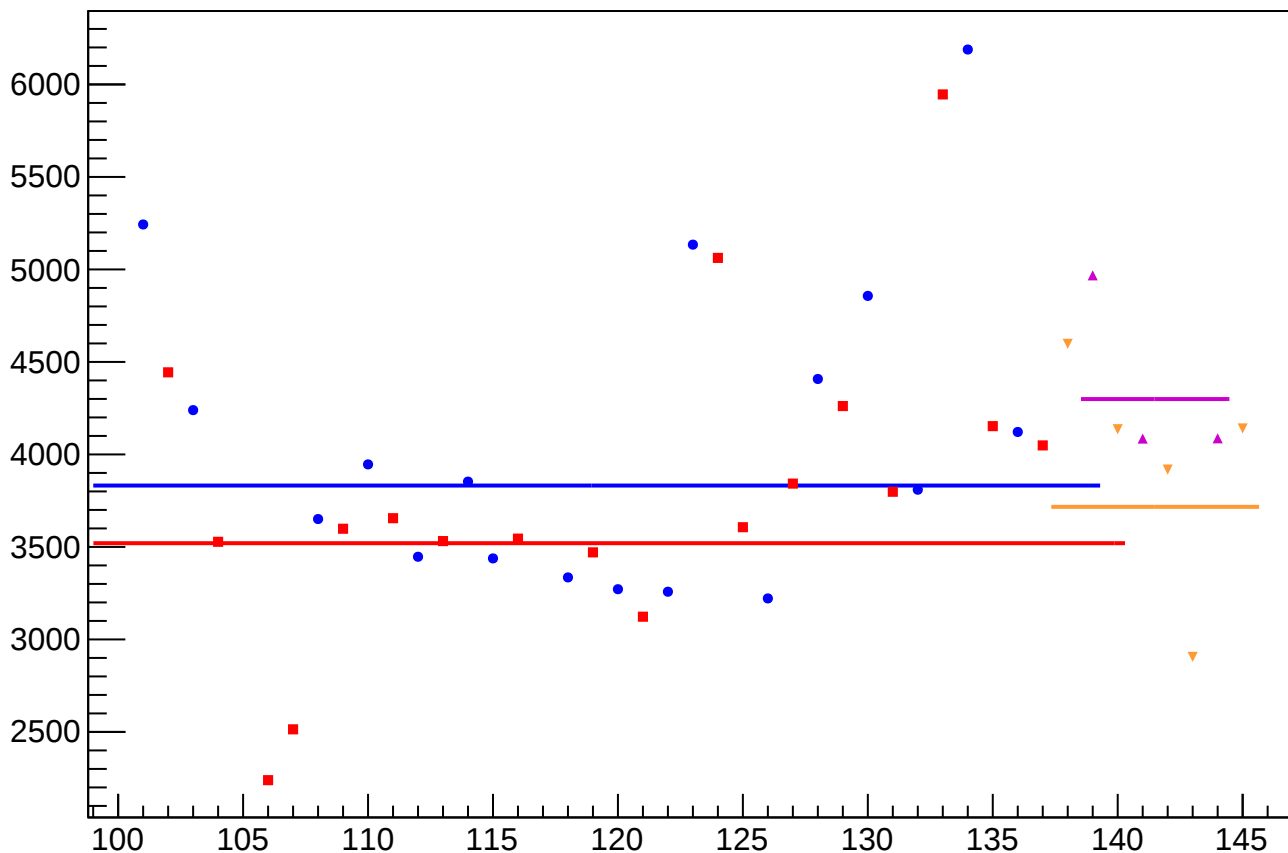
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -992.834 $\pm$ 1318.348 χ^2 /NDF:18.1/19

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

All: -156.535 $\pm$ 863.100 χ^2 /NDF: 38.5/42

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 3716.672+/-1.432 χ^2/NDF : 207657.0/4

Right Out: 3520.188+/-0.969 χ^2/NDF : 544143.8/17

Left In: 4299.373+/-1.936 χ^2/NDF : 37979.5/2

Left: 3922.614+/-1.151 χ^2/NDF : 304193.6/7

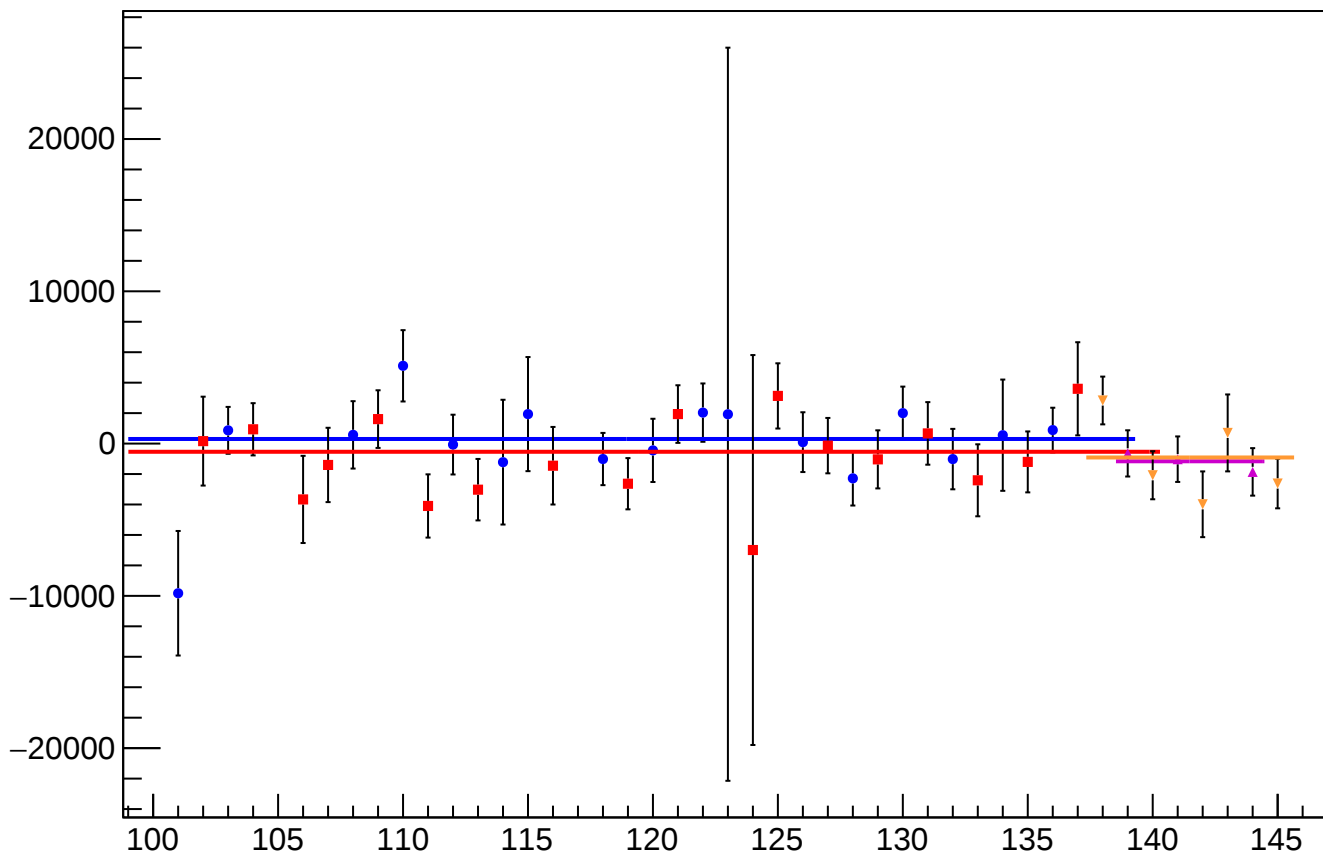
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 3940.190+/-0.932 χ^2/NDF : 420480.4/19

Out: 3581.908+/-0.802 χ^2/NDF : 764721.6/22

All: 3734.374+/-0.608 χ^2/NDF : 1270059.9/42

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: -1162.498+/-879.325 χ^2/NDF : 0.3/2

Left: -1025.804+/-592.328 χ^2/NDF : 10.2/7

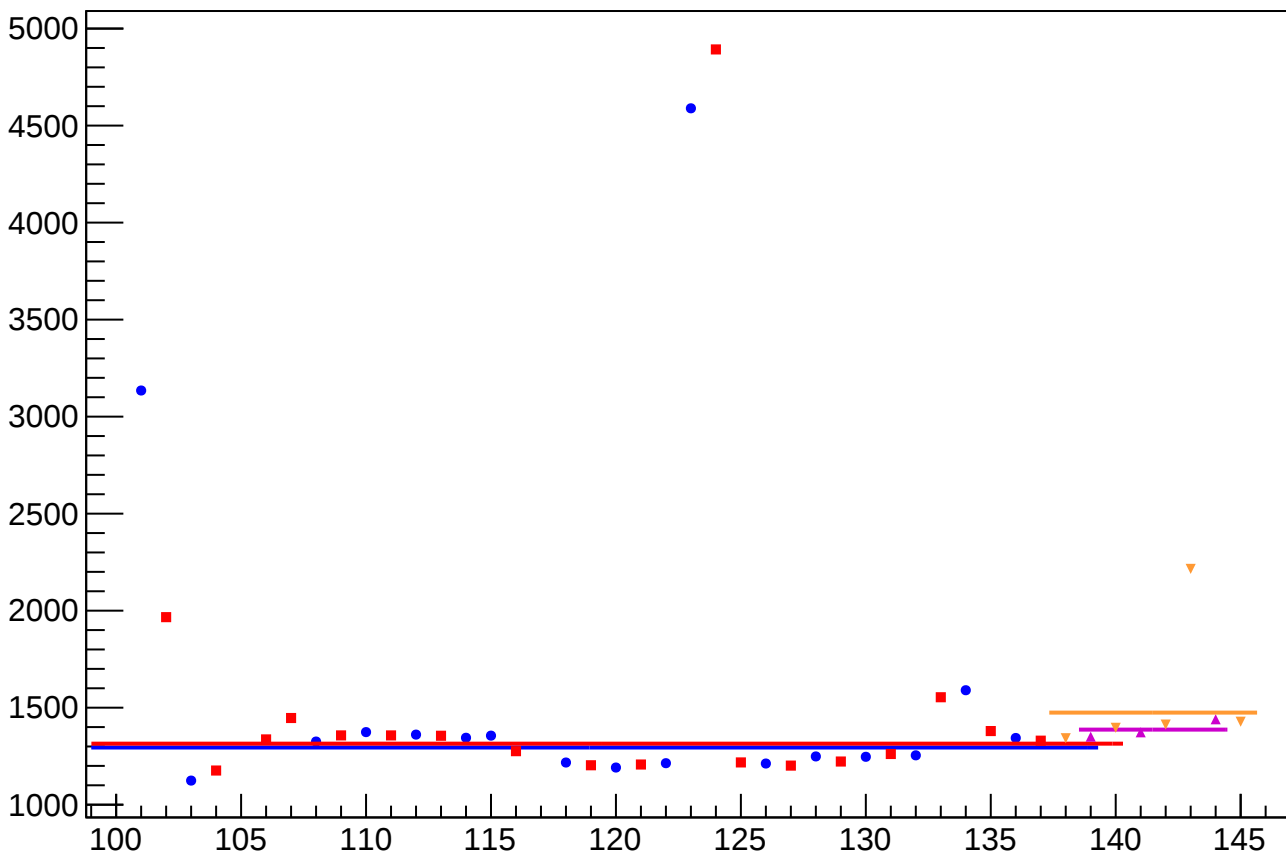
Right: -121.291+/-361.152 χ^2/NDF : 34.9/34

In: -69.725+/-442.998 χ^2/NDF : 18.5/19

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

All: -366.420+/-308.356 χ^2/NDF : 46.7/42

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1474.625+/-0.567 χ^2/NDF : 194379.4/4

Right Out: 1314.588+/-0.360 χ^2/NDF : 333838.6/17

Left In: 1386.952+/-0.622 χ^2/NDF : 3655.1/2

Left: 1434.842+/-0.419 χ^2/NDF : 208894.8/7

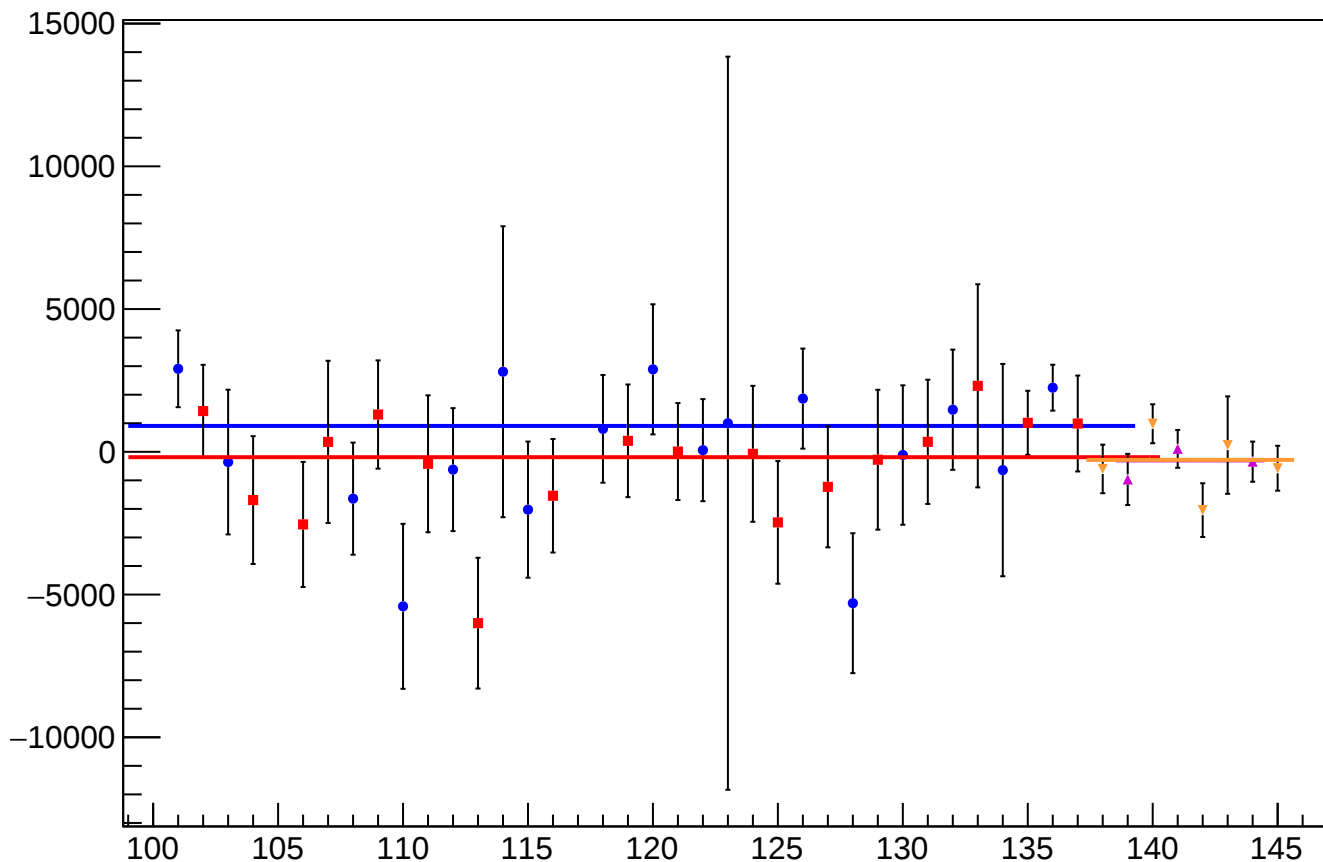
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1318.136+/-0.313 χ^2/NDF : 527874.7/19

Out: 1360.546+/-0.304 χ^2/NDF : 585065.8/22

All: 1339.998+/-0.218 χ^2/NDF : 1122389.4/42

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: -301.132+/-424.622 χ^2/NDF : 0.9/2

Left: -291.461+/-286.698 χ^2/NDF : 8.2/7

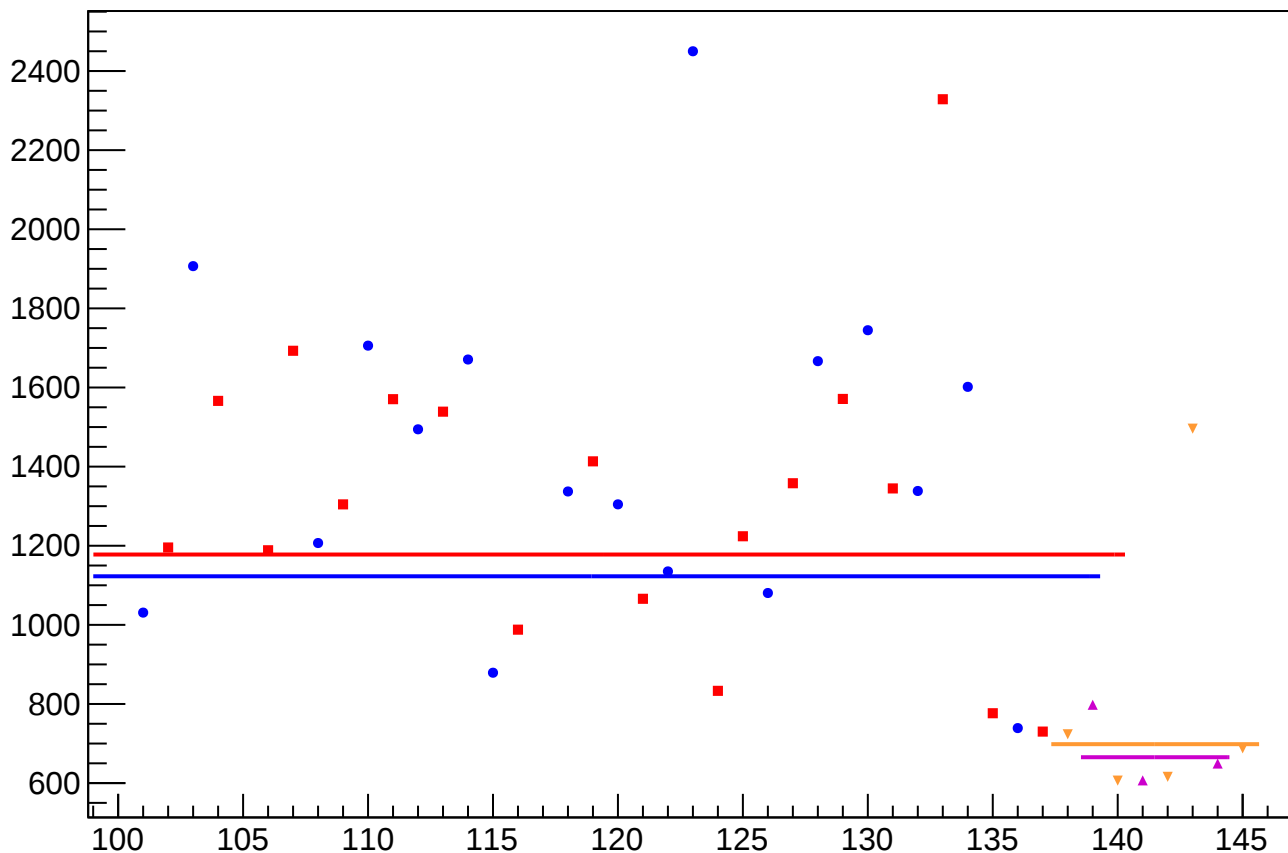
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 260.008+/-310.704 χ^2/NDF : 26.7/19

Out: -244.163+/-298.090 χ^2/NDF : 21.2/22

All: -2.519+/-215.103 χ^2/NDF : 49.2/42

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: 665.406+/-0.300 χ^2/NDF : 60503.7/2

Left: 683.362+/-0.203 χ^2/NDF : 557751.1/7

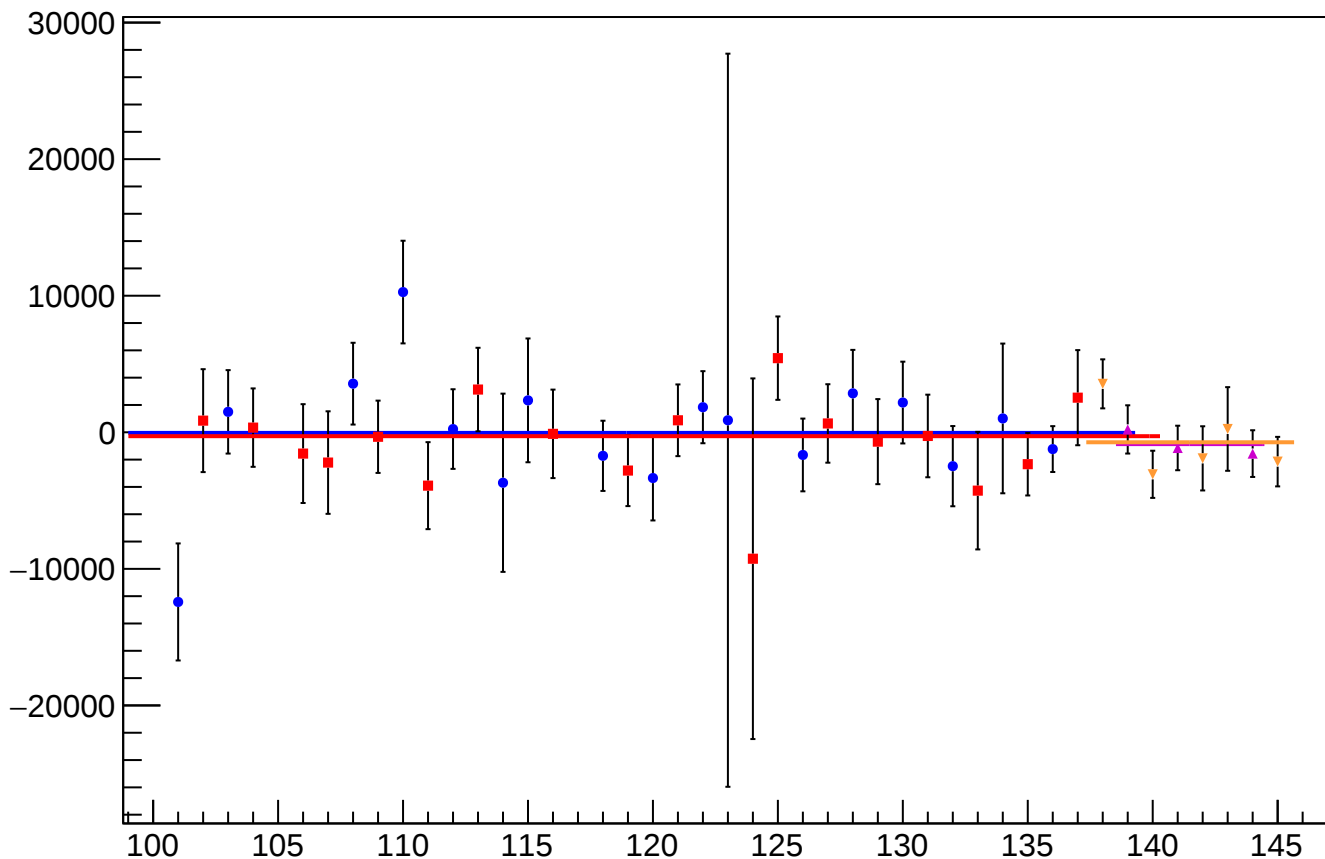
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 877.894+/-0.220 χ^2/NDF : 2326508.5/19

Out: 895.804+/-0.211 χ^2/NDF : 2765294.3/22

All: 887.220+/-0.152 χ^2/NDF : 5095263.4/42

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367+/-747.588 χ^2/NDF : 23.2/16

Left Out: -730.845+/-898.787 χ^2/NDF :8.5/4

Right Out: -285.373+/-735.391 χ^2/NDF : 10.6/17

Left In: -864.624+/-981.088 χ^2/NDF :0.6/2

Left: -791.889+/-662.727 χ^2/NDF : 9.1/7

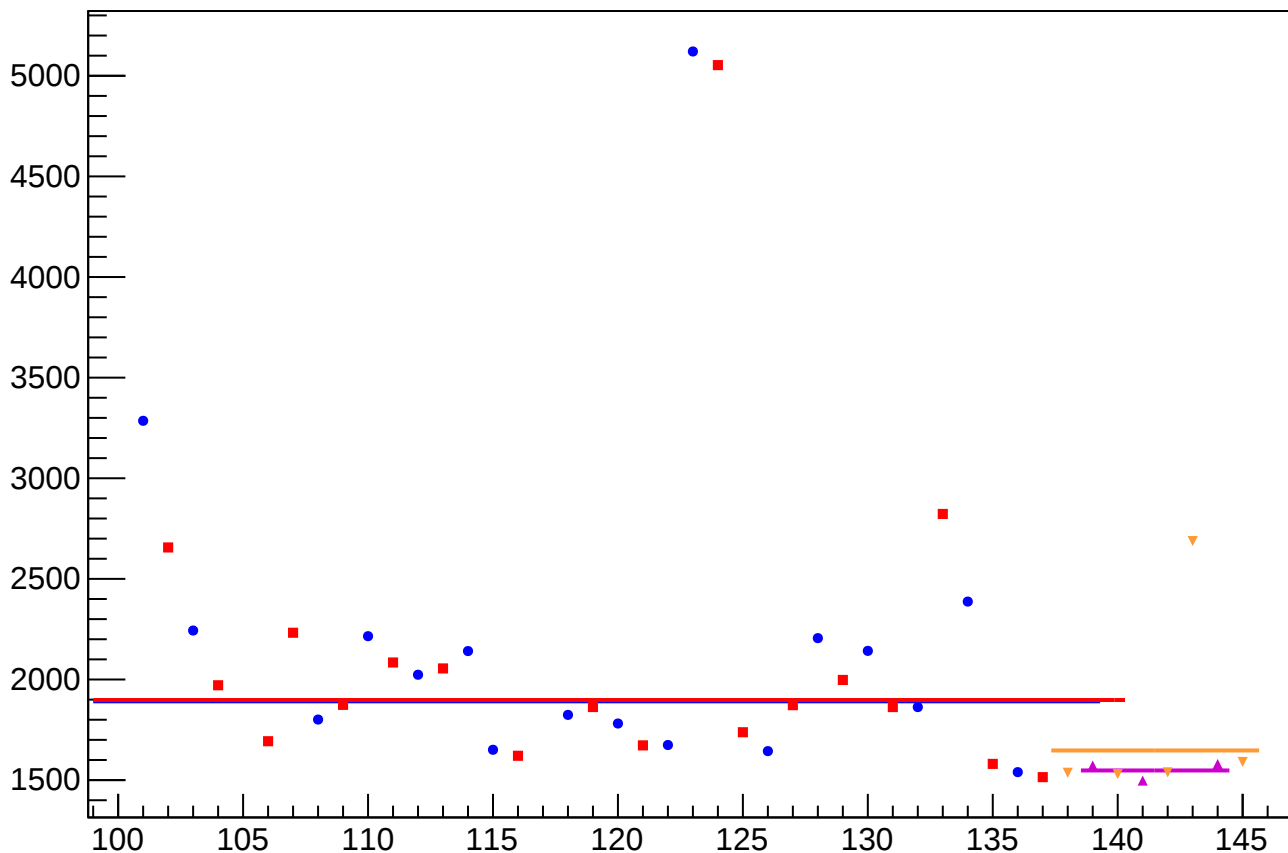
Right: -166.852+/-524.259 χ^2/NDF : 33.9/34

In: -345.685+/-594.628 χ^2/NDF :24.2/19

Out: -464.009+/-569.155 χ^2/NDF :19.2/22

All: -407.436+/-411.164 χ^2/NDF : 43.5/42

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1647.320 $\pm$ 0.636 χ^2 /NDF: 254033.0/4

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1547.940 $\pm$ 0.694 χ^2 /NDF: 2993.0/2

Left: 1601.973 $\pm$ 0.469 χ^2 /NDF: 268183.7/7

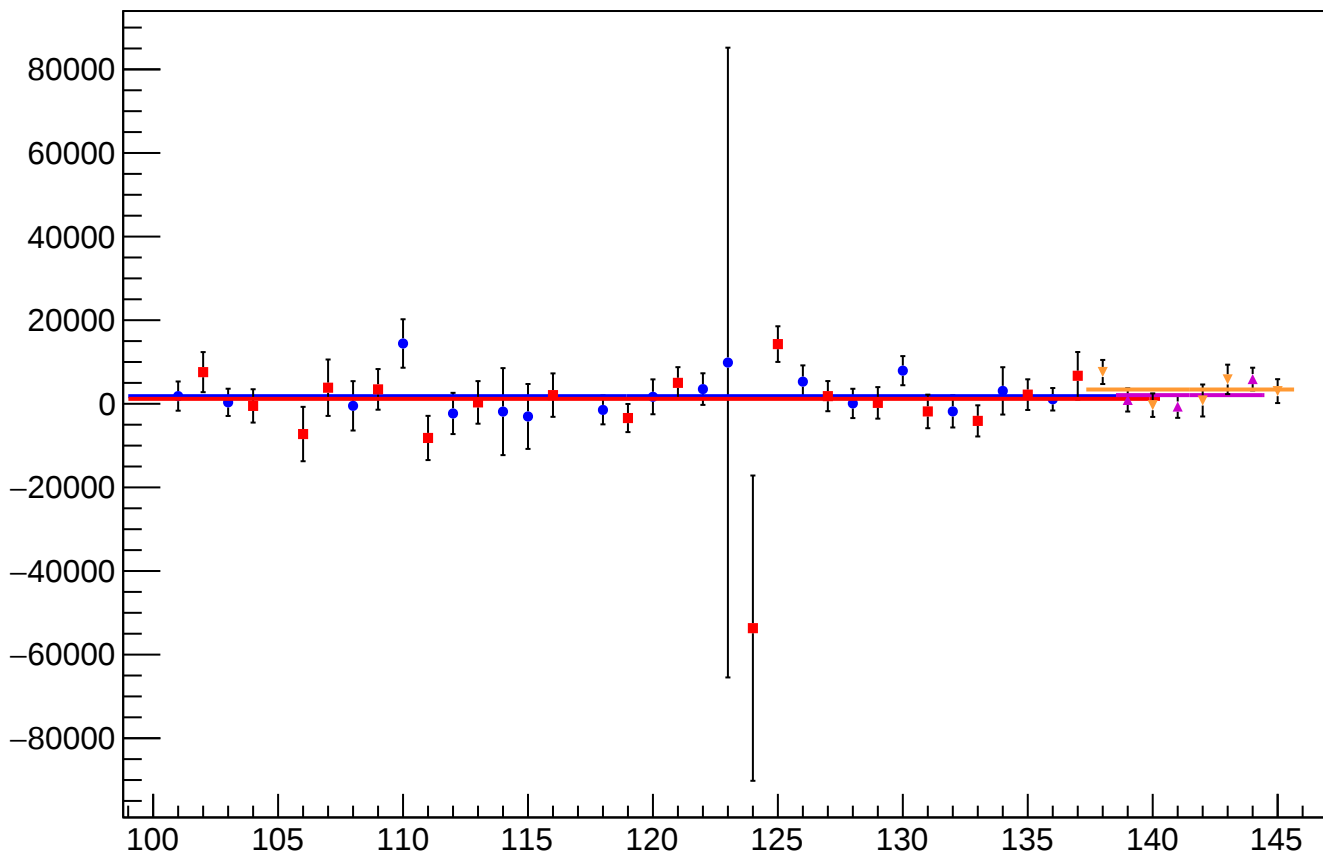
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1765.402 $\pm$ 0.420 χ^2 /NDF: 627395.8/19

Out: 1797.484 $\pm$ 0.402 χ^2 /NDF: 770928.6/22

All: 1782.145 $\pm$ 0.291 χ^2 /NDF: 1401362.8/42

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2/NDF : 12.6/16

Left Out: 3419.353 $\pm$ 1388.979 χ^2/NDF : 4.9/4

Right Out: 1182.804 $\pm$ 1049.924 χ^2/NDF : 25.5/17

Left In: 2074.069 $\pm$ 1577.485 χ^2/NDF : 3.2/2

Left: 2831.854 $\pm$ 1042.465 χ^2/NDF : 8.5/7

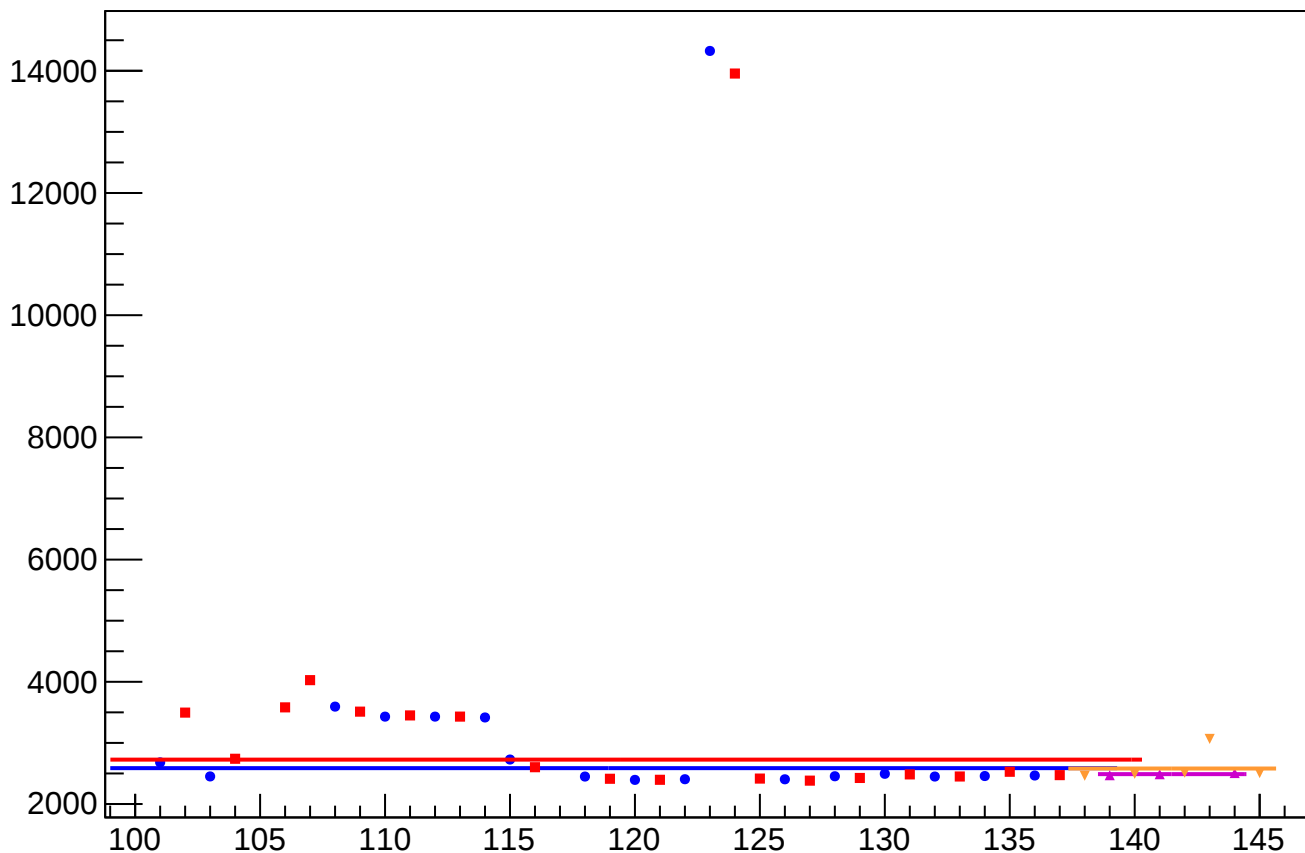
Right: 1516.312 $\pm$ 727.946 χ^2/NDF : 38.2/34

In: 1897.463 $\pm$ 850.694 χ^2/NDF : 15.8/19

Out: 1996.050 $\pm$ 837.563 χ^2/NDF : 32.0/22

All: 1947.523 $\pm$ 596.835 χ^2/NDF : 47.7/42

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2580.848+/-0.982 χ^2/NDF : 45203.3/4

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2488.999+/-1.115 χ^2/NDF : 168.9/2

Left: 2540.737+/-0.737 χ^2/NDF : 49191.4/7

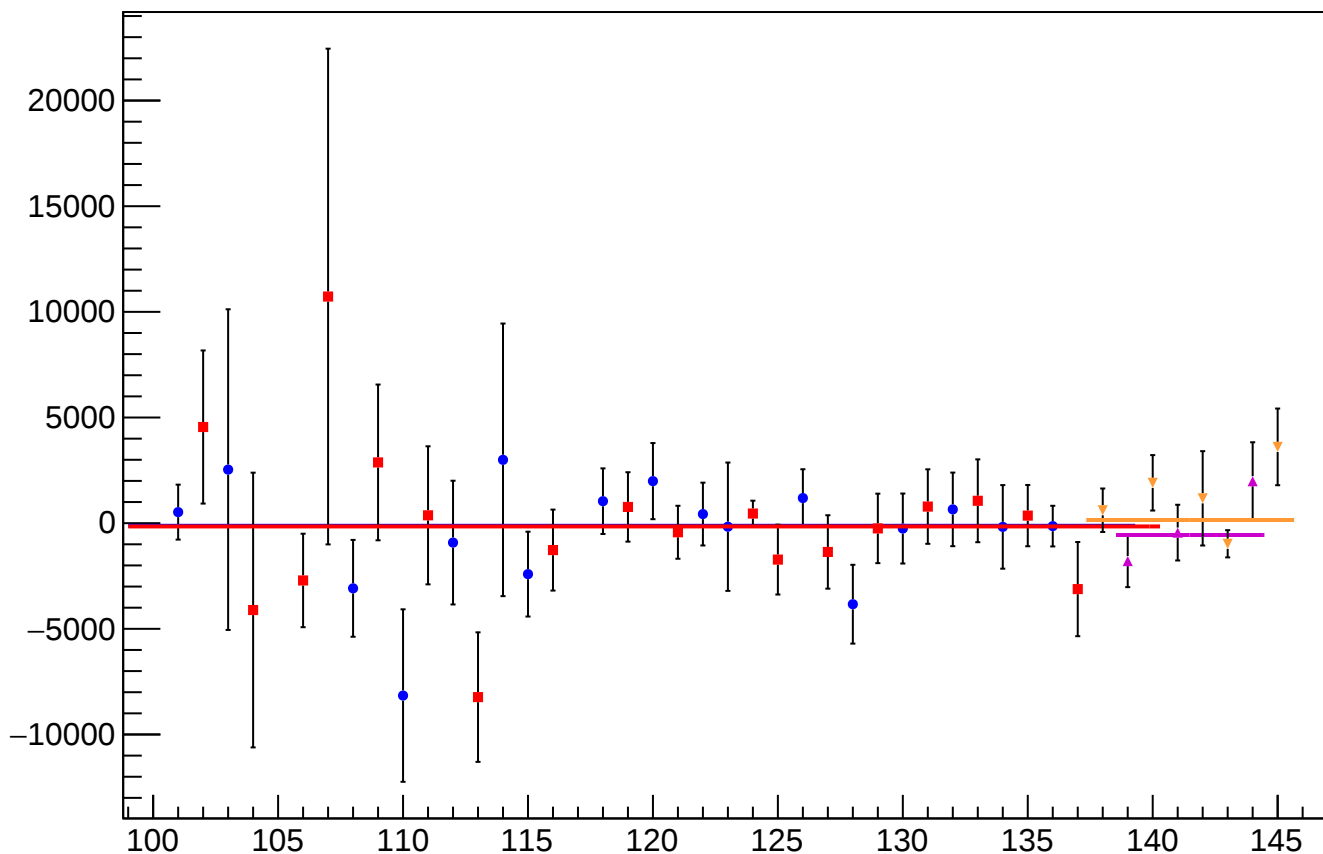
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2558.484+/-0.602 χ^2/NDF : 259753.3/19

Out: 2673.511+/-0.592 χ^2/NDF : 640040.6/22

All: 2616.892+/-0.422 χ^2/NDF : 918361.5/42

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: -559.694+/-809.113 χ^2/NDF : 2.9/2

Left: -31.333+/-409.287 χ^2/NDF : 12.4/7

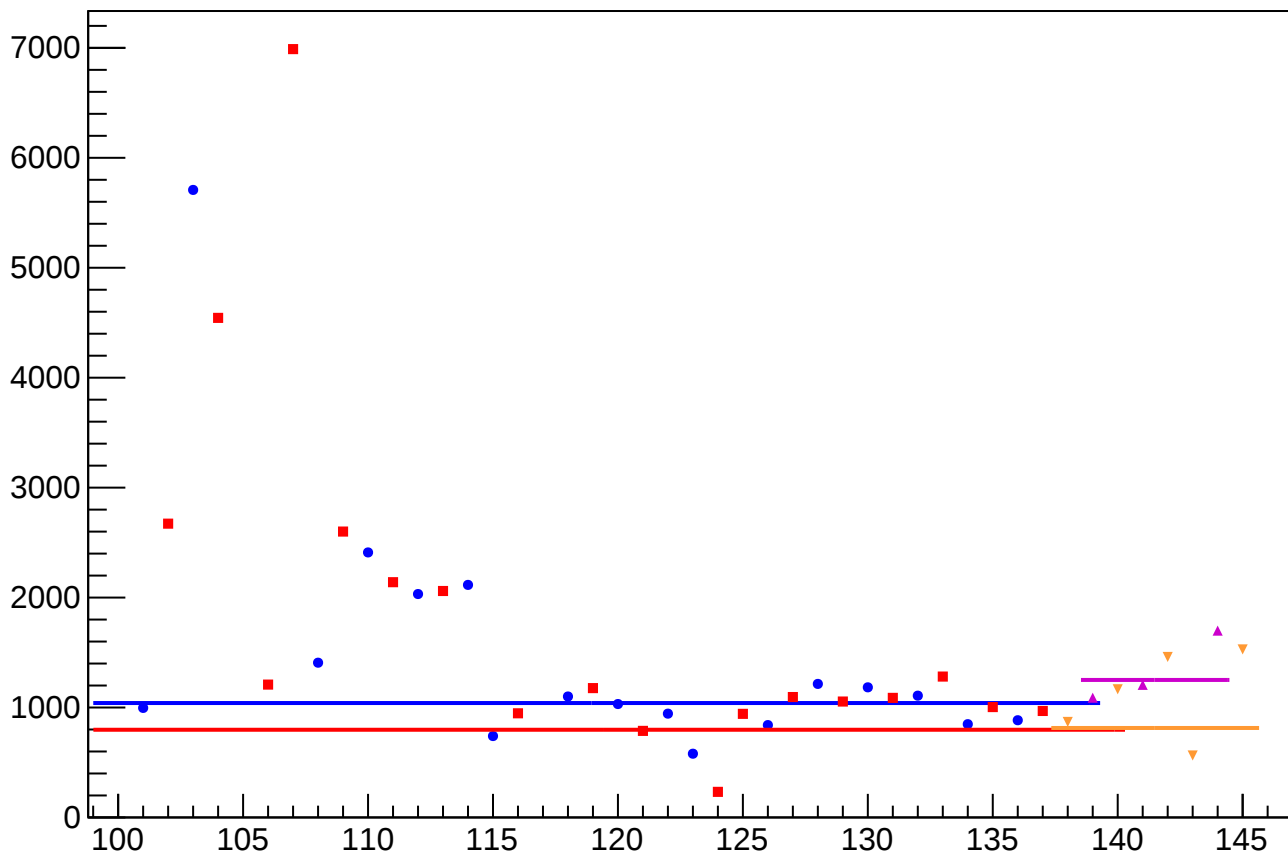
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -220.587+/-380.232 χ^2/NDF : 17.8/19

Out: -35.065+/-297.038 χ^2/NDF : 26.7/22

All: -105.376+/-234.079 χ^2/NDF : 44.7/42

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 813.892+/-0.335 χ^2/NDF : 929207.0/4

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 1250.778+/-0.572 χ^2/NDF : 155019.9/2

Left: 925.682+/-0.289 χ^2/NDF : 1518128.1/7

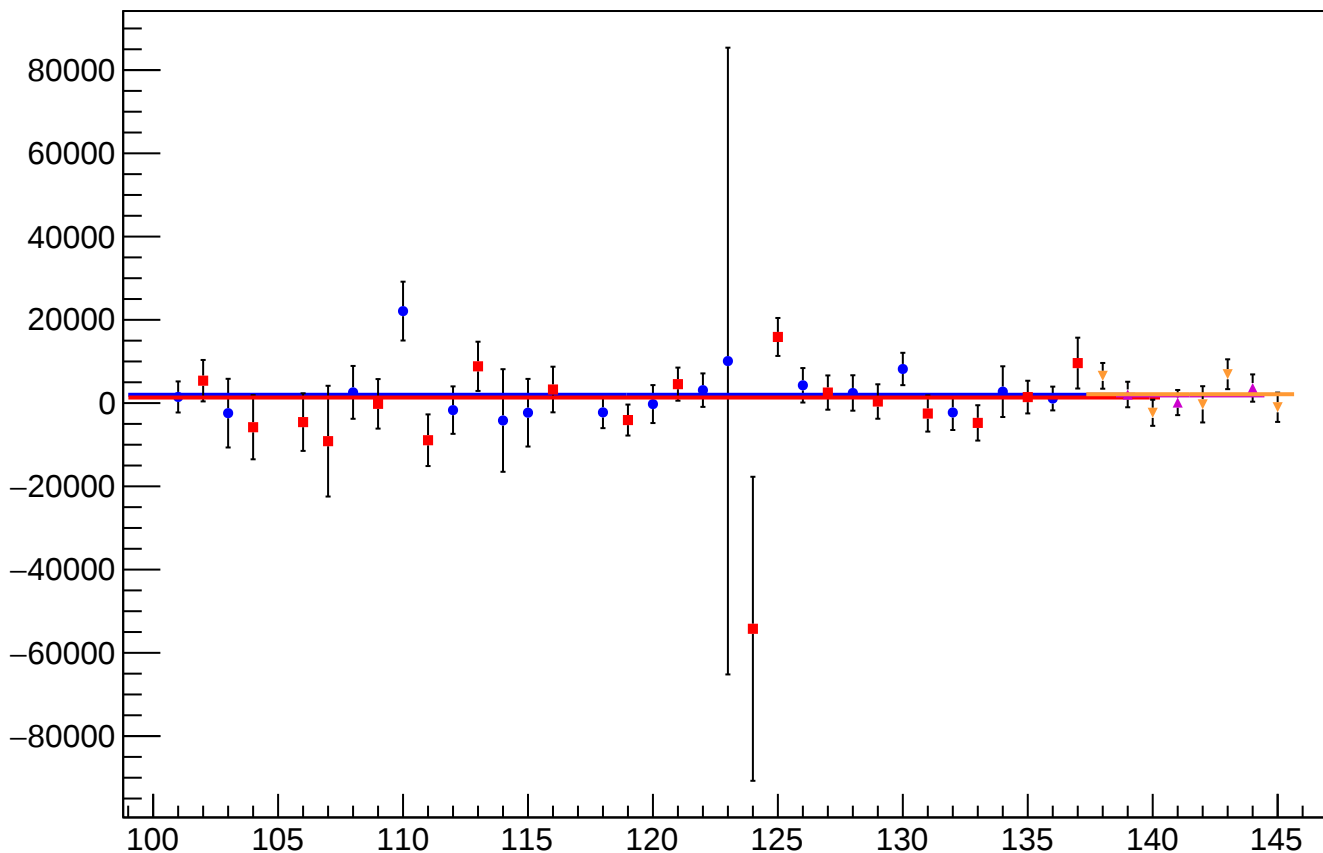
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 1087.141+/-0.269 χ^2/NDF : 1833045.1/19

Out: 804.065+/-0.210 χ^2/NDF : 6104949.7/22

All: 911.348+/-0.166 χ^2/NDF : 8626387.1/42

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: 1841.847+/-1798.775 χ^2/NDF : 0.6/2

Left: 2008.095+/-1173.171 χ^2/NDF : 7.6/7

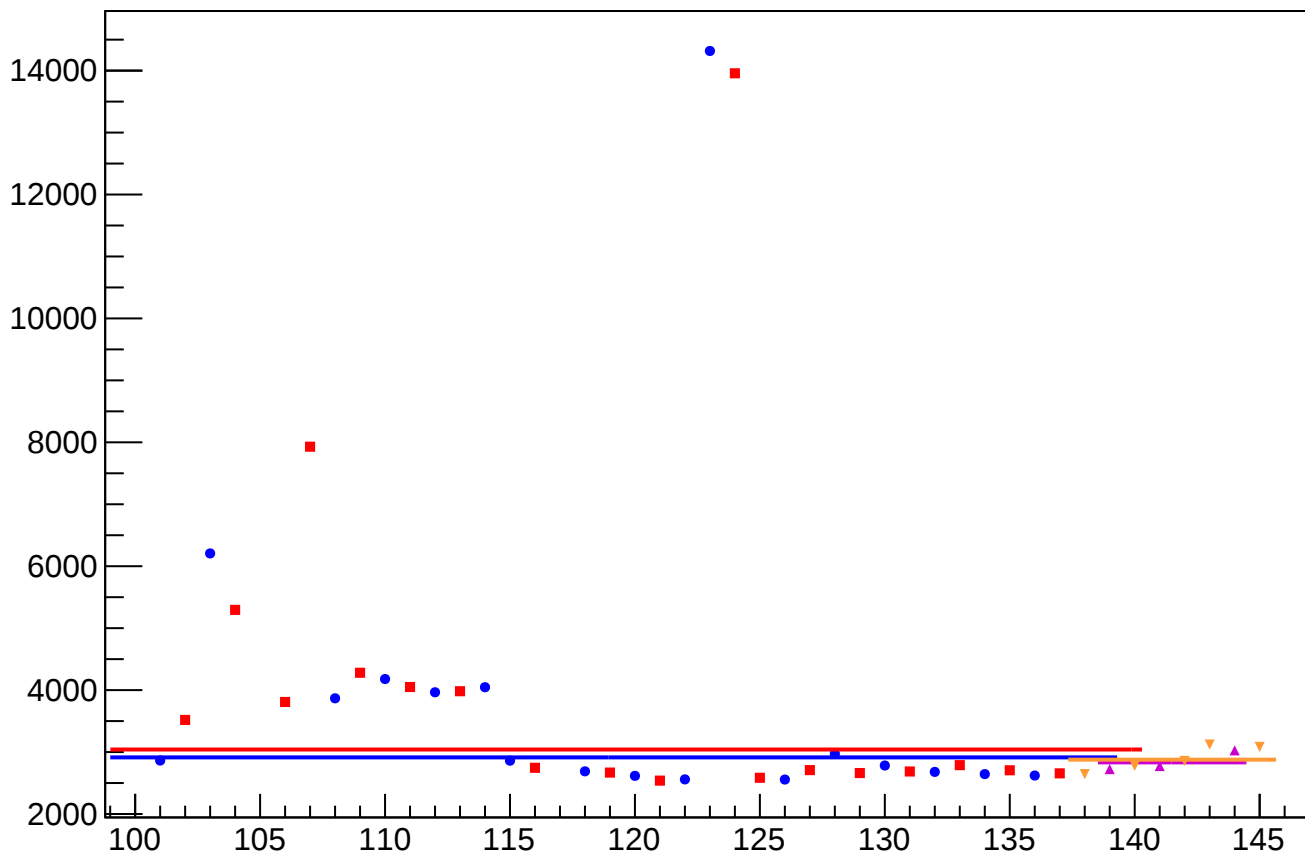
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1951.181+/-971.926 χ^2/NDF : 15.5/19

Out: 1633.004+/-945.221 χ^2/NDF : 34.6/22

All: 1787.661+/-677.617 χ^2/NDF : 50.2/42

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: 2833.571+/-1.272 χ^2/NDF : 10268.2/2

Left: 2858.669+/-0.830 χ^2/NDF : 40510.8/7

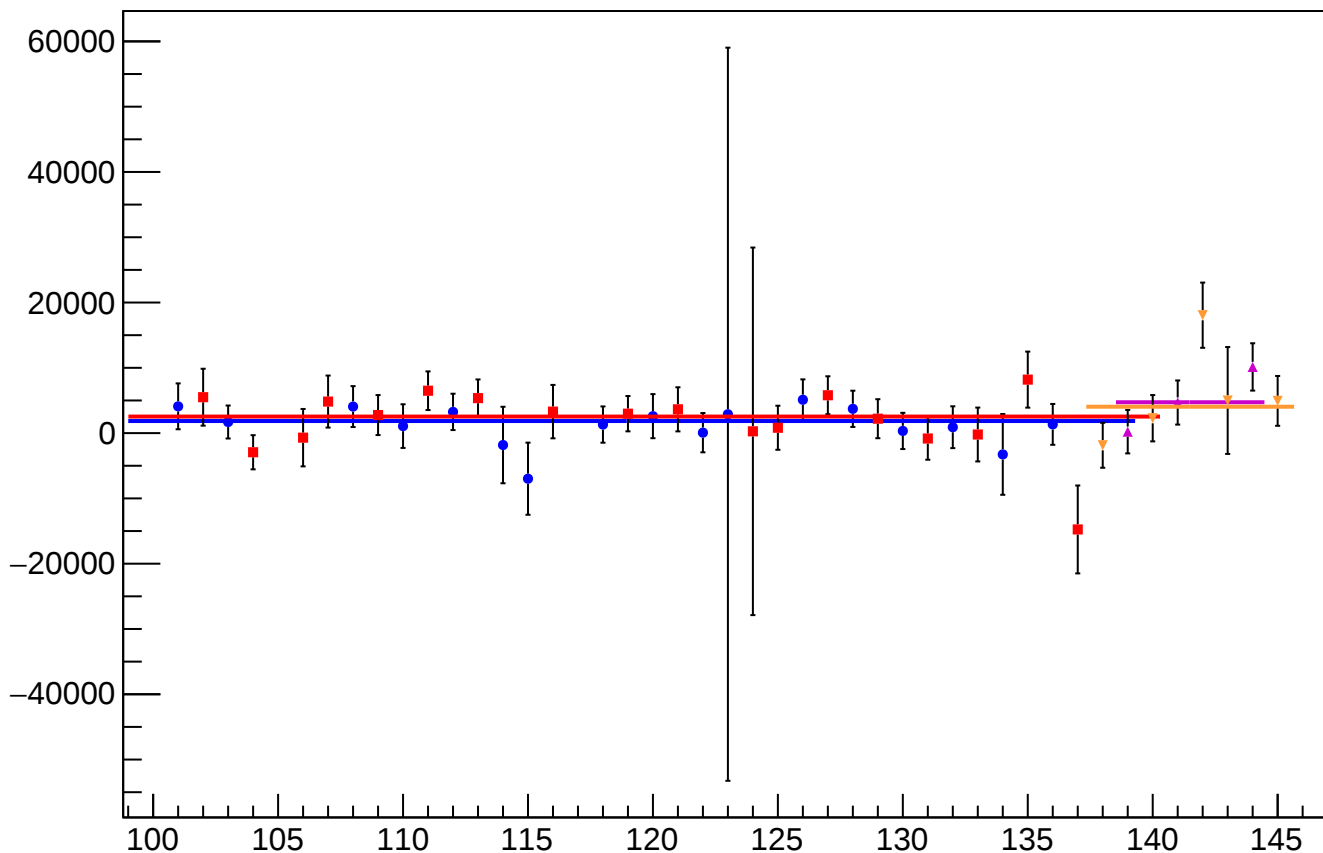
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2890.430+/-0.687 χ^2/NDF : 652075.2/19

Out: 2980.060+/-0.668 χ^2/NDF : 1047225.8/22

All: 2936.494+/-0.479 χ^2/NDF : 1708042.2/42

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: 4726.958+/-1984.151 χ^2/NDF :4.1/2

Left: 4363.436+/-1358.977 χ^2/NDF : 15.3/7

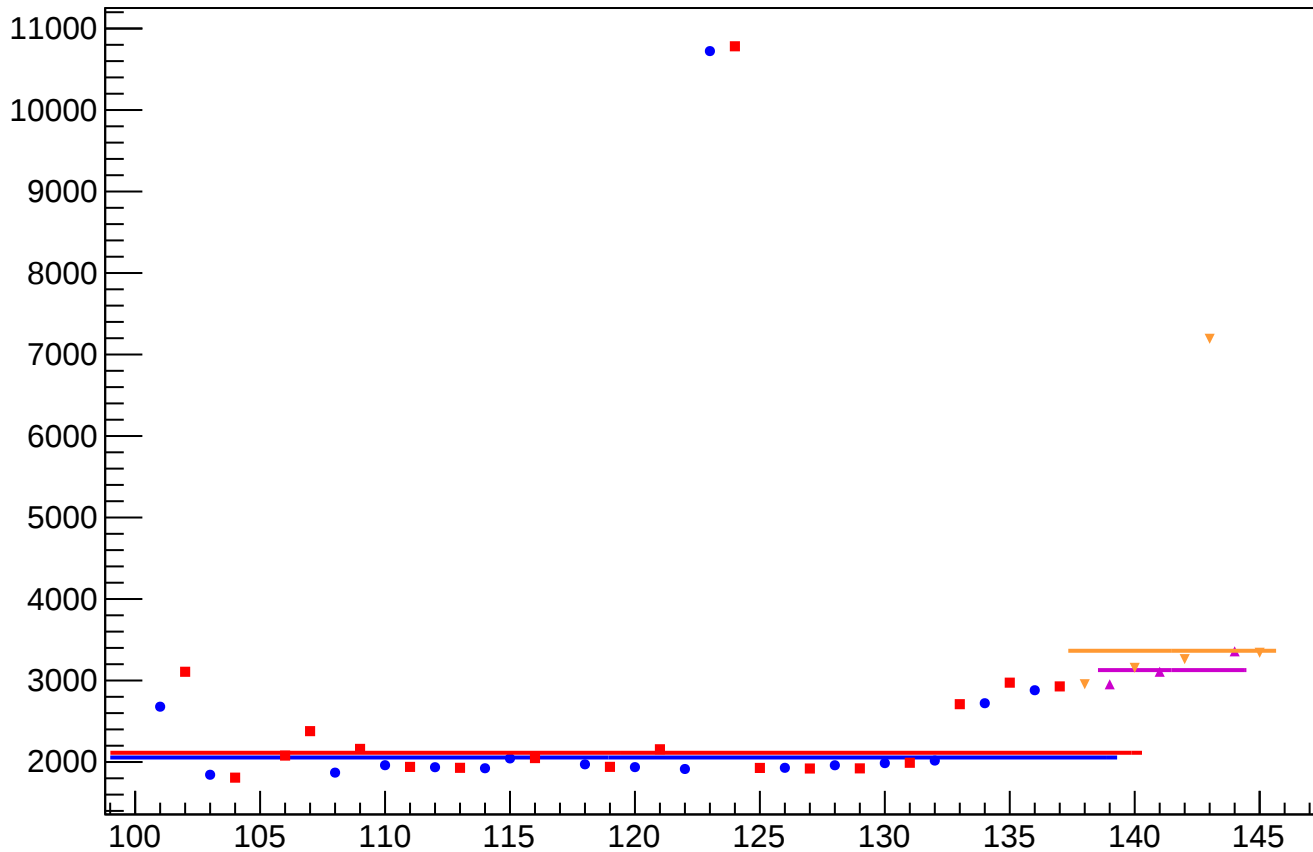
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2258.235+/-747.344 χ^2/NDF :13.1/19

Out: 2778.938+/-750.136 χ^2/NDF :31.7/22

All: 2517.616+/-529.436 χ^2/NDF : 45.1/42

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3364.947+/-1.319 χ^2/NDF : 473617.4/4

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 3127.775+/-1.403 χ^2/NDF : 13632.5/2

Left: 3253.687+/-0.961 χ^2/NDF : 502420.7/7

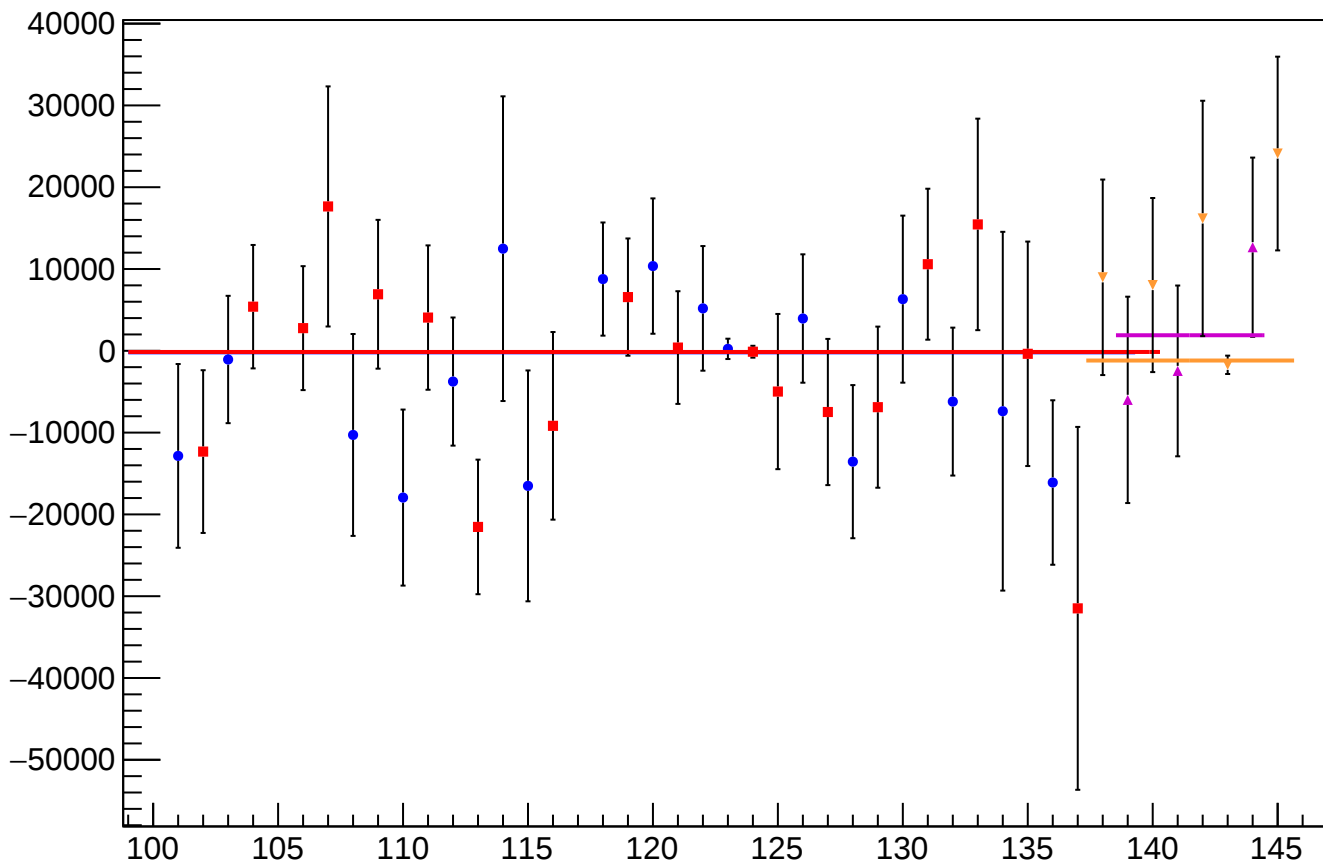
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2207.578+/-0.528 χ^2/NDF : 831306.7/19

Out: 2315.255+/-0.530 χ^2/NDF : 1760980.6/22

All: 2261.284+/-0.374 χ^2/NDF : 2612994.8/42

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: 1901.767+/-6483.327 χ^2/NDF : 1.5/2

Left: -1100.880+/-1087.501 χ^2/NDF : 9.5/7

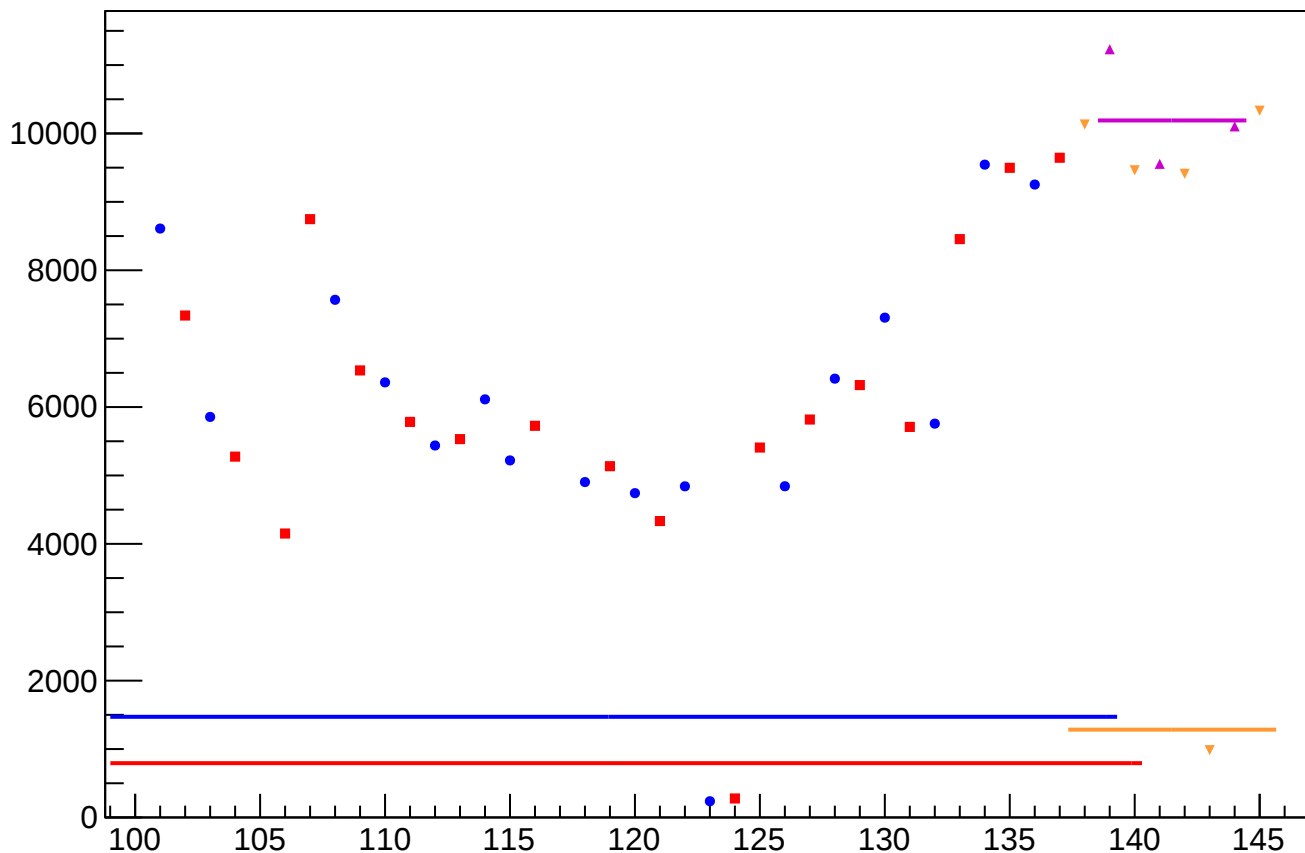
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -126.768+/-1085.248 χ^2/NDF : 18.0/19

Out: -436.652+/-585.586 χ^2/NDF : 27.3/22

All: -366.774+/-515.349 χ^2/NDF : 45.4/42

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left: 1534.277+/-0.769

χ^2/NDF : 7915287.3/7

Left Out: 1283.682+/-0.780

χ^2/NDF : 4225921.5/4

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

In: 1715.901+/-0.767

χ^2/NDF : 13324876.6/19

Out: 931.743+/-0.414

χ^2/NDF : 15931944.5/22

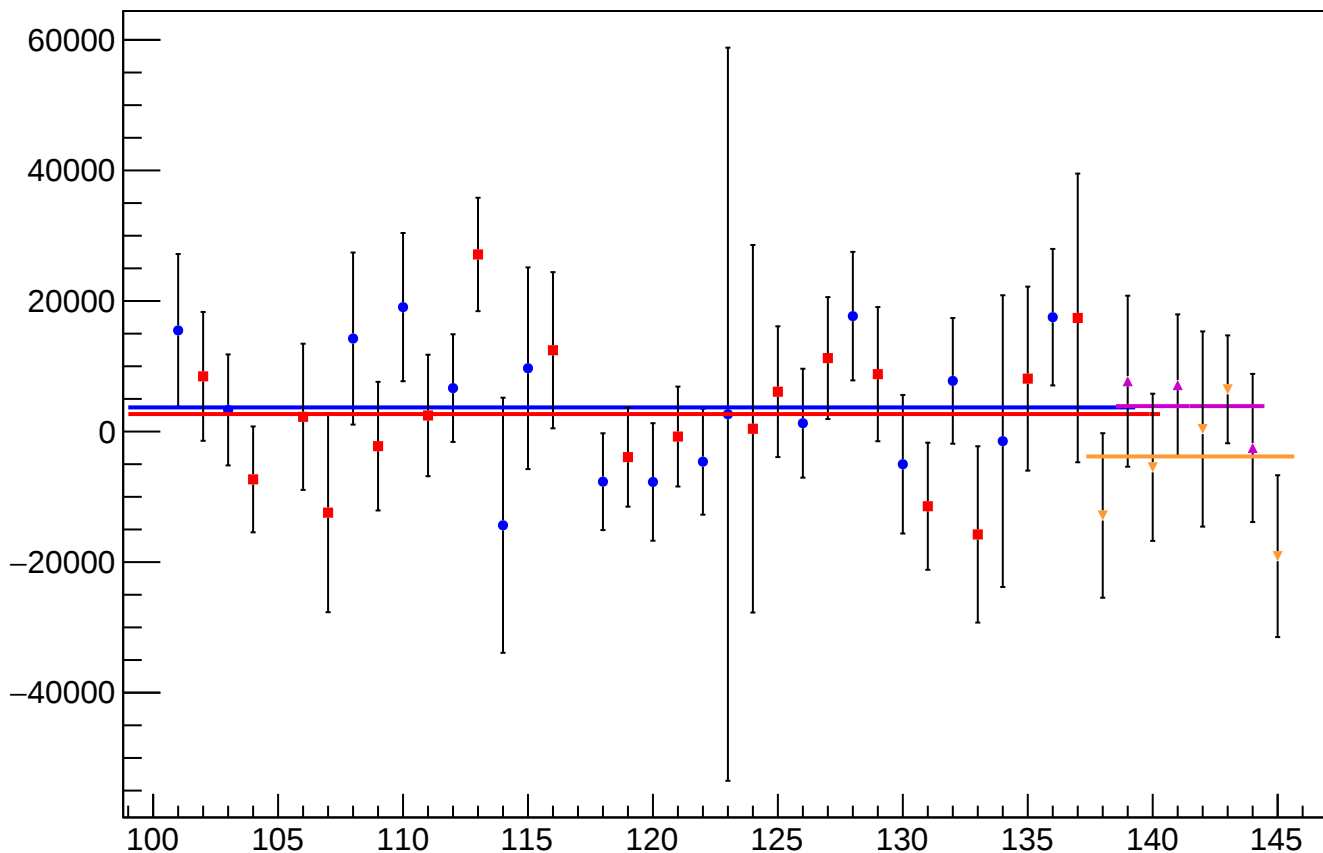
Left In: 10190.223+/-4.584

χ^2/NDF : 21125.7/2

All: 1108.570+/-0.364

χ^2/NDF : 30065546.0/4

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: 3895.216+/-6722.969 χ^2/NDF : 0.5/2

Left: -1059.160+/-4018.673 χ^2/NDF : 5.0/7

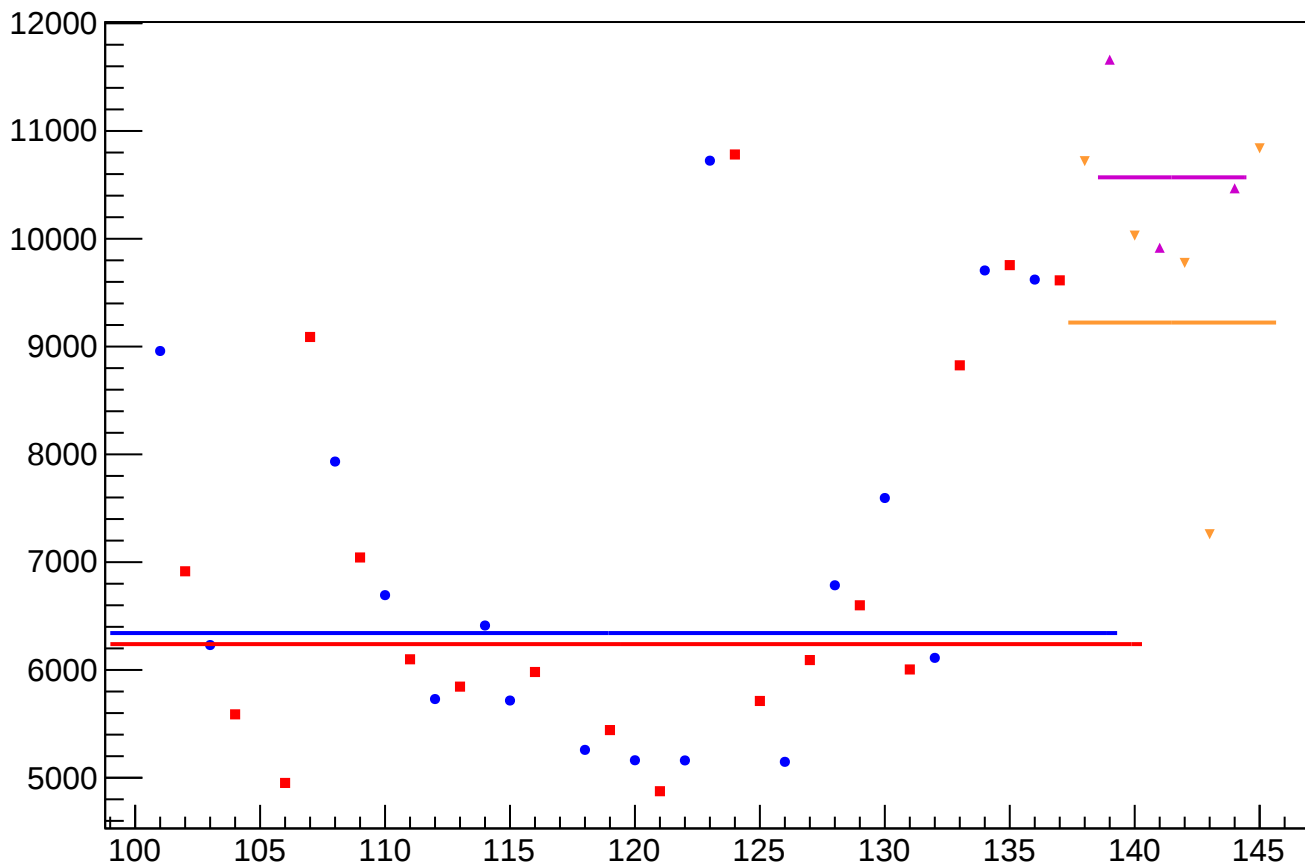
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3722.646+/-2357.994 χ^2/NDF : 14.9/19

Out: 1445.117+/-2185.641 χ^2/NDF : 23.6/22

All: 2497.612+/-1602.953 χ^2/NDF : 39.0/42

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: 10569.960+/-4.754 χ^2/NDF : 21325.5/2

Left: 9704.151+/-2.842 χ^2/NDF : 261118.0/7

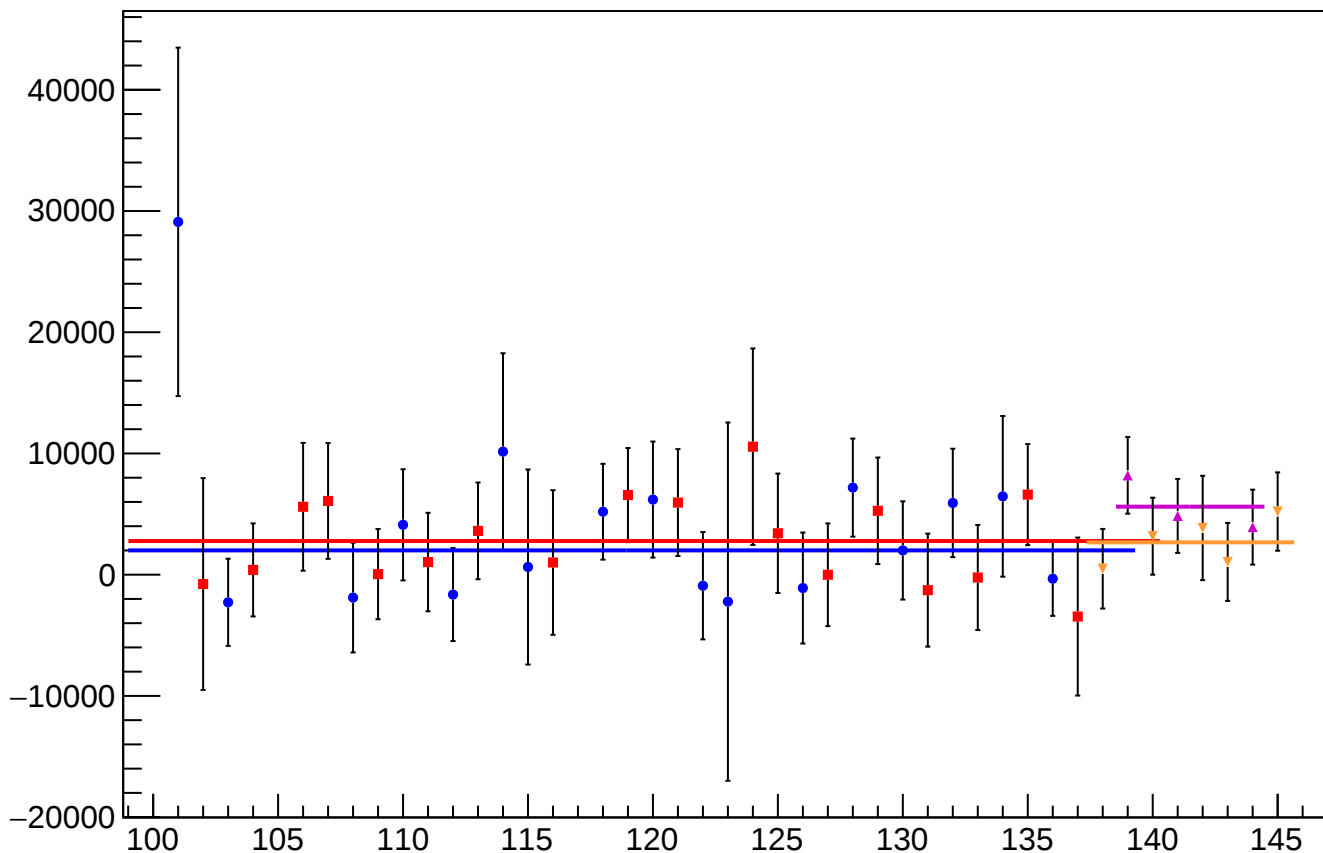
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 6862.391+/-1.667 χ^2/NDF : 1308570.9/19

Out: 6806.782+/-1.545 χ^2/NDF : 1291053.4/22

All: 6832.479+/-1.133 χ^2/NDF : 2600222.5/42

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 2667.567 $\pm$ 1510.354 χ^2/NDF : 1.4/4

Right Out: 2776.042 $\pm$ 1086.812 χ^2/NDF : 8.3/17

Left In: 5611.099 $\pm$ 1789.254 χ^2/NDF : 1.0/2

Left: 3892.295 $\pm$ 1154.137 χ^2/NDF : 4.0/7

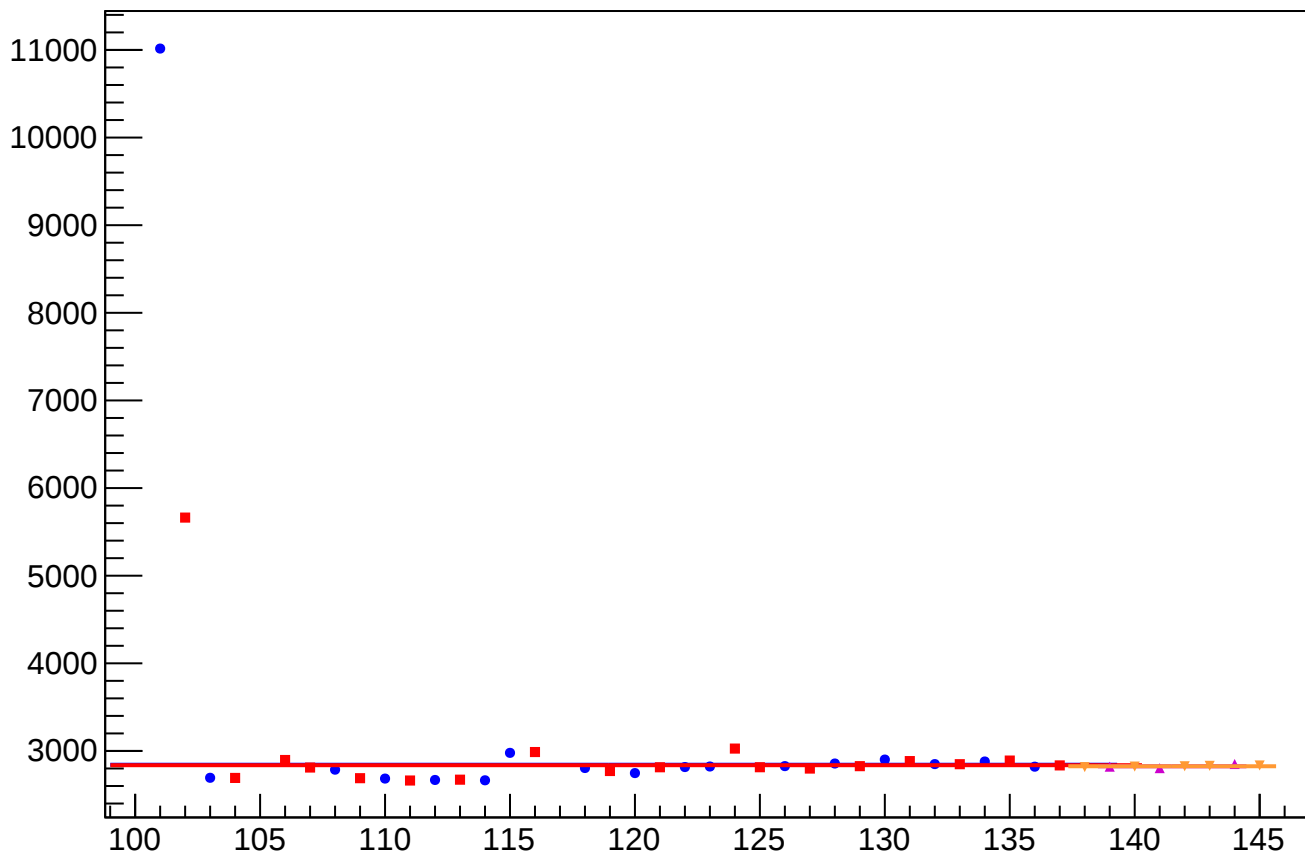
Right: 2403.779 $\pm$ 781.789 χ^2/NDF : 22.3/34

In: 3026.963 $\pm$ 952.650 χ^2/NDF : 17.6/19

Out: 2739.036 $\pm$ 882.163 χ^2/NDF : 9.7/22

All: 2871.955 $\pm$ 647.269 χ^2/NDF : 27.4/42

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: 2825.163+/-1.265 χ^2/NDF :240.8/2

Left: 2825.291+/-0.816 χ^2/NDF : 281.0/7

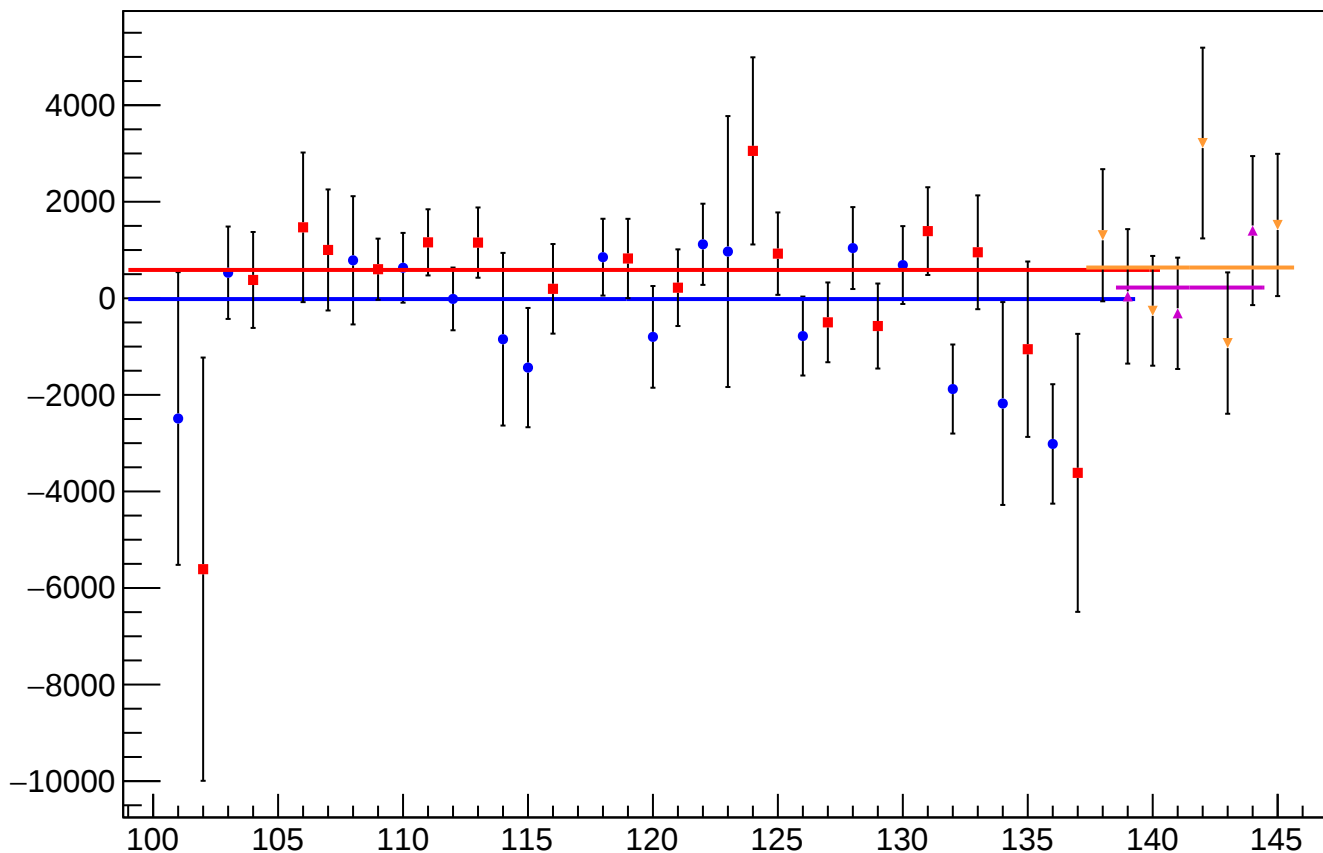
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2837.677+/-0.674 χ^2/NDF :660682.4/19

Out: 2833.326+/-0.624 χ^2/NDF :226546.1/22

All: 2835.335+/-0.458 χ^2/NDF : 887251.0/42

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: 222.870 ± 769.816 χ^2/NDF : 0.8/2

Left: 470.171 ± 489.180 χ^2/NDF : 5.1/7

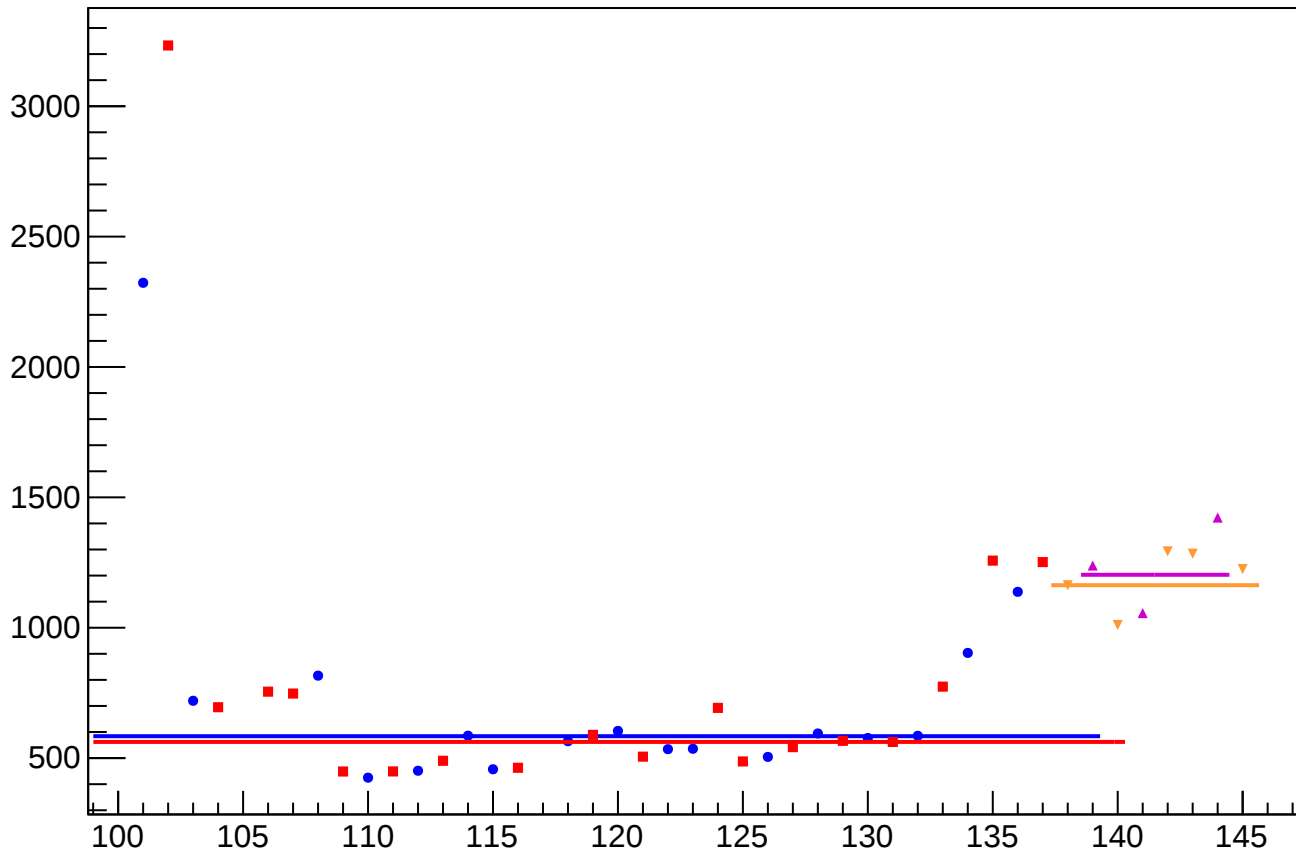
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: 5.315 ± 228.133 χ^2/NDF : 22.5/19

Out: 593.251 ± 212.704 χ^2/NDF : 17.4/22

All: 319.835 ± 155.573 χ^2/NDF : 43.5/42

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: 1203.074+/-0.544 χ^2/NDF : 74208.9/2

Left: 1179.234+/-0.346 χ^2/NDF : 139256.4/7

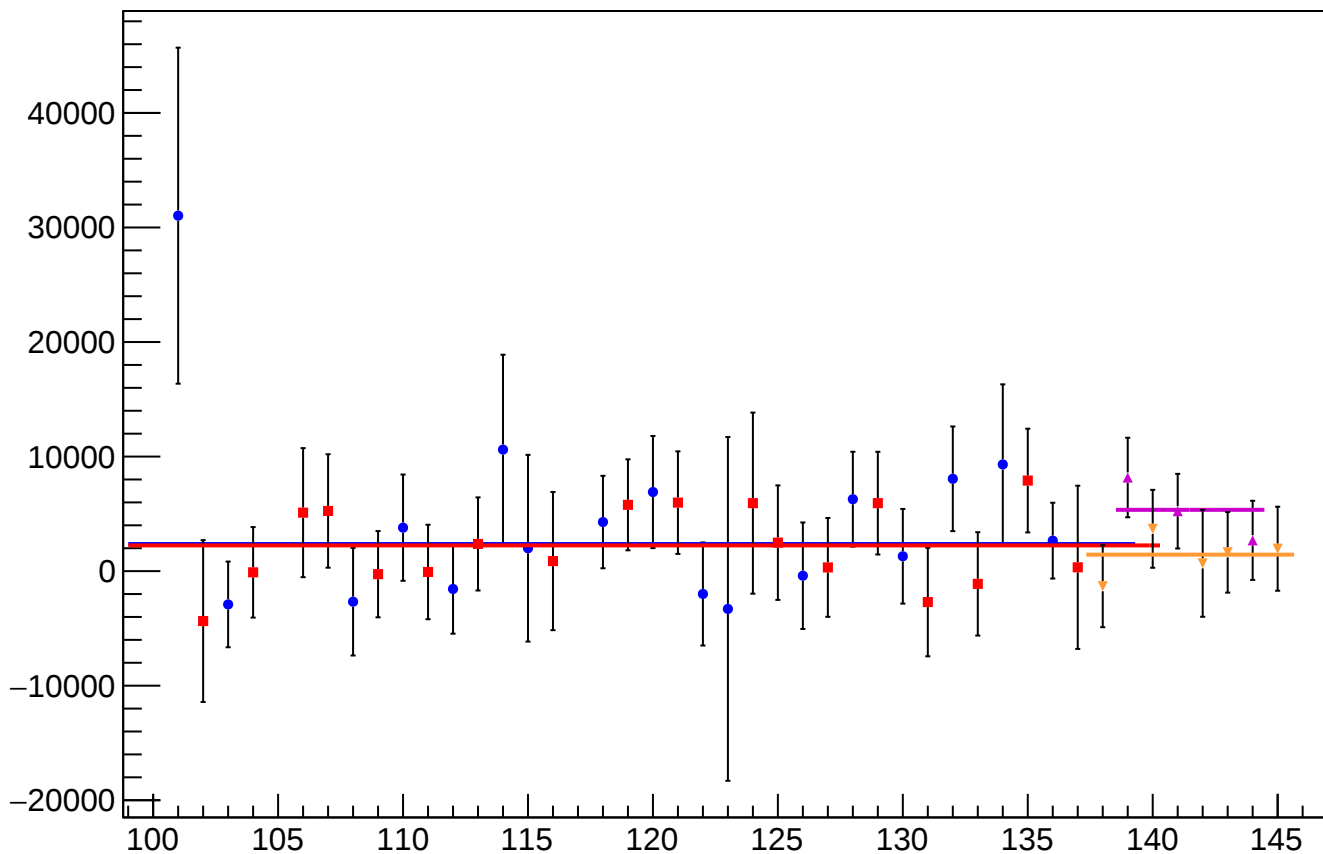
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 638.418+/-0.161 χ^2/NDF : 2690445.1/19

Out: 629.864+/-0.150 χ^2/NDF : 3183915.7/22

All: 633.842+/-0.110 χ^2/NDF : 5875865.2/42

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 1439.329+/-1654.129 χ^2/NDF : 1.1/4

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 5350.524+/-1956.991 χ^2/NDF : 1.3/2

Left: 3069.188+/-1263.308 χ^2/NDF : 4.7/7

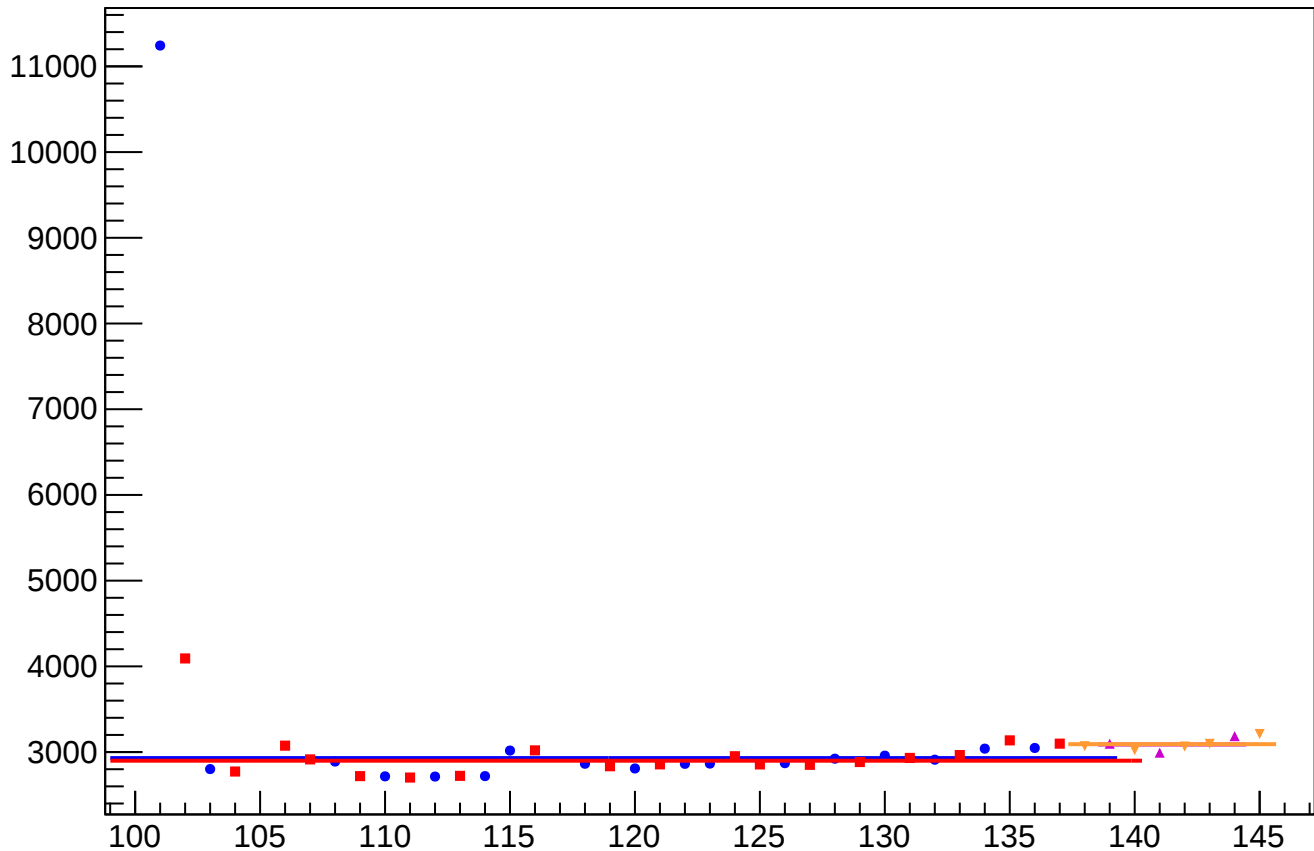
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 3139.546+/-997.835 χ^2/NDF : 18.1/19

Out: 1994.529+/-922.814 χ^2/NDF : 9.8/22

All: 2522.381+/-677.499 χ^2/NDF : 28.6/42

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: 3088.428+/-1.384 χ^2/NDF : 3323.2/2

Left: 3090.582+/-0.893 χ^2/NDF : 6434.7/7

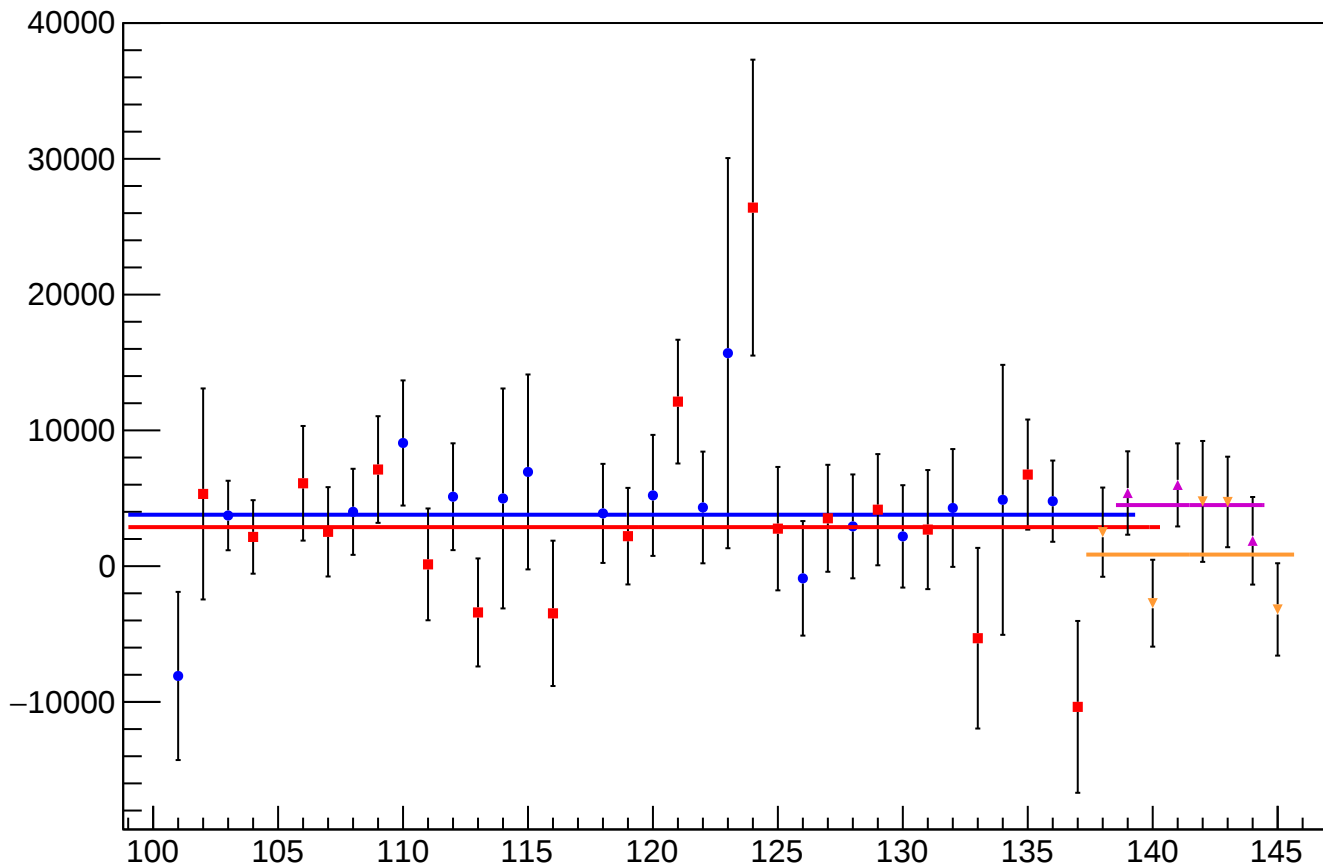
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2970.932+/-0.706 χ^2/NDF : 675694.4/19

Out: 2959.403+/-0.653 χ^2/NDF : 105343.7/22

All: 2964.718+/-0.479 χ^2/NDF : 781181.9/42

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 852.897 $\pm$ 1548.210 χ^2/NDF : 5.0/4

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 4498.523 $\pm$ 1799.264 χ^2/NDF : 1.0/2

Left: 2403.824 $\pm$ 1173.558 χ^2/NDF : 8.4/7

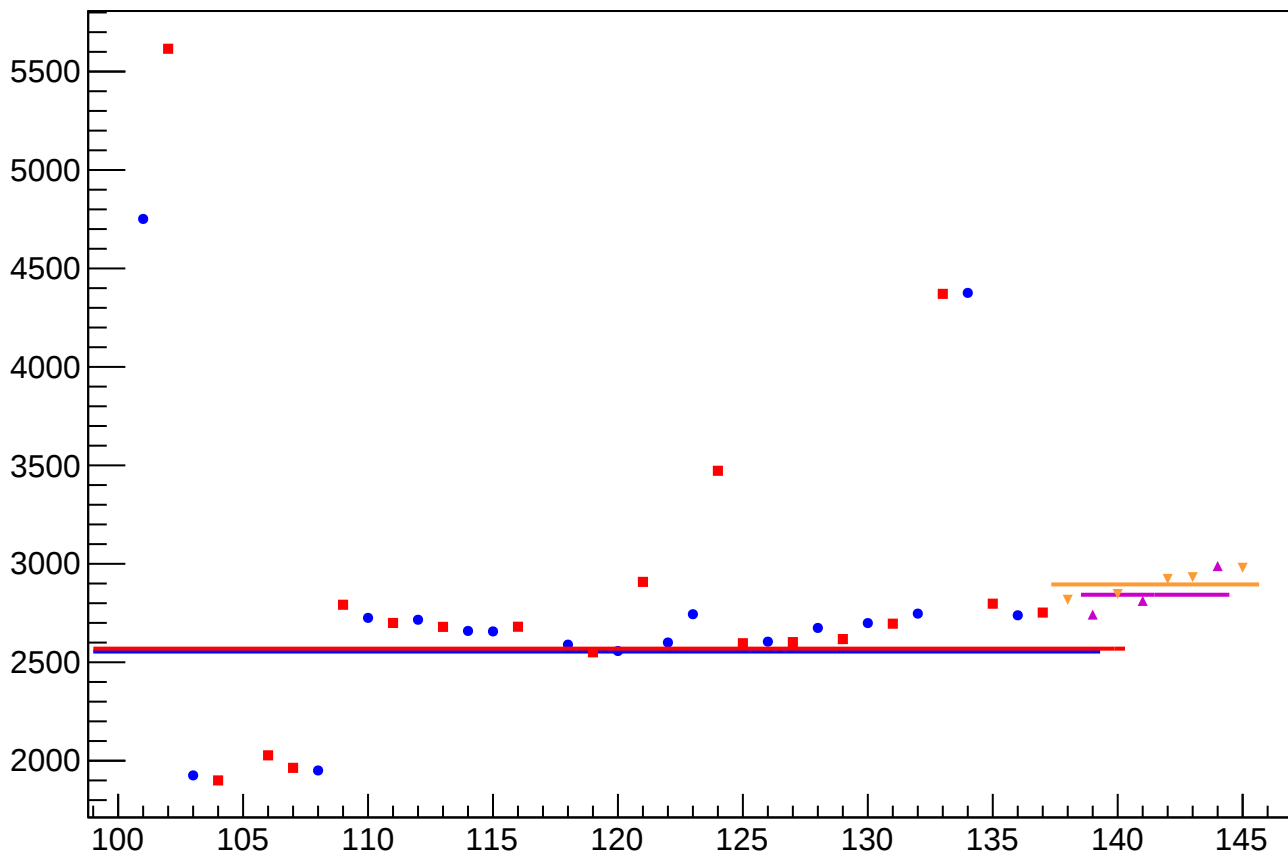
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3957.640 $\pm$ 879.480 χ^2/NDF : 8.8/19

Out: 2276.090 $\pm$ 842.423 χ^2/NDF : 28.3/22

All: 3080.694 $\pm$ 608.362 χ^2/NDF : 39.0/42

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: 2842.957 $\pm$ 1.272 χ^2/NDF : 6442.7/2

Left: 2873.090 $\pm$ 0.830 χ^2/NDF : 10567.6/7

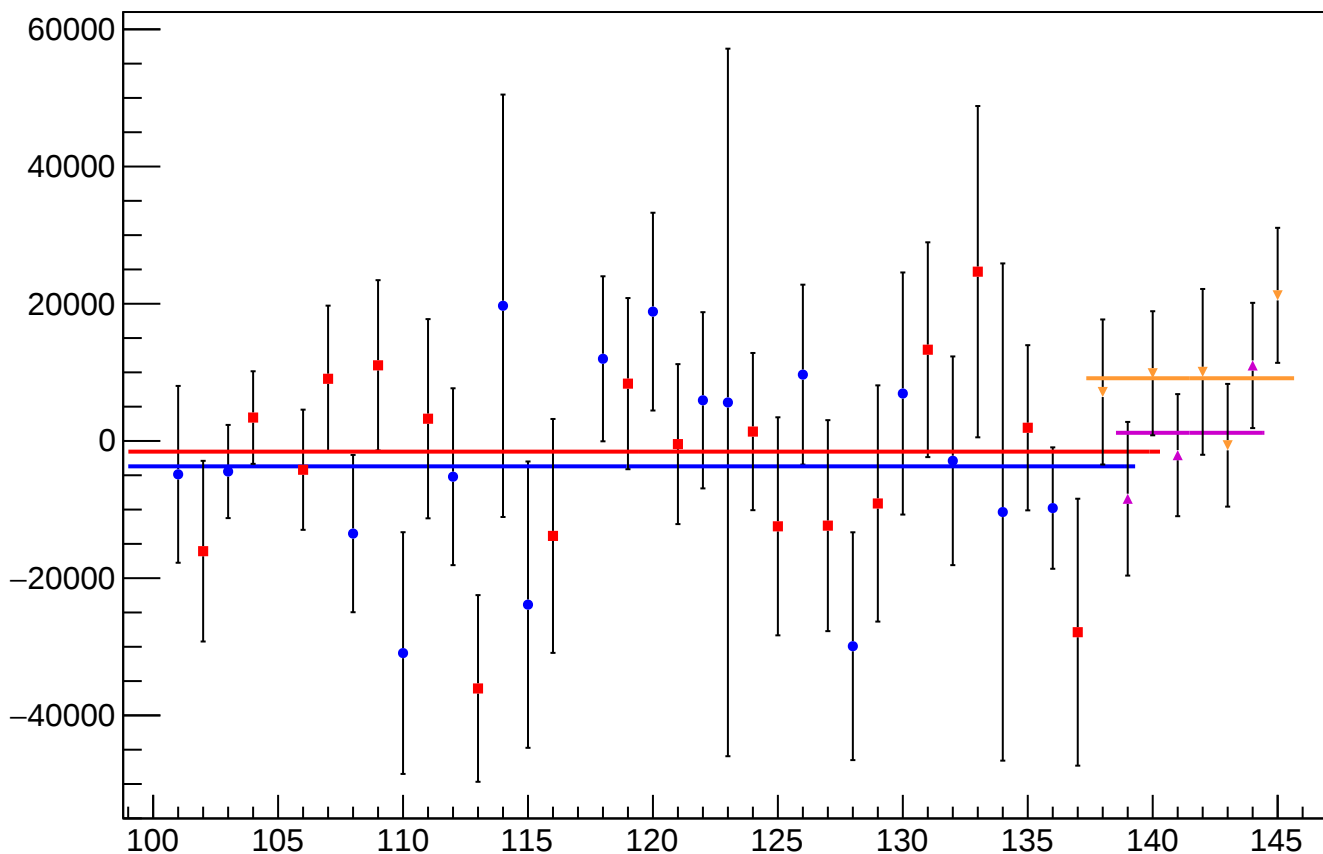
Right: 2561.929 $\pm$ 0.503 χ^2/NDF : 1260172.2/34

In: 2623.448 $\pm$ 0.622 χ^2/NDF : 582181.5/19

Out: 2665.764 $\pm$ 0.596 χ^2/NDF : 788972.2/22

All: 2645.522 $\pm$ 0.430 χ^2/NDF : 1373569.0/42

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: 1188.741+/-5538.220 χ^2/NDF : 2.0/2

Left: 6034.746+/-3461.564 χ^2/NDF : 6.0/7

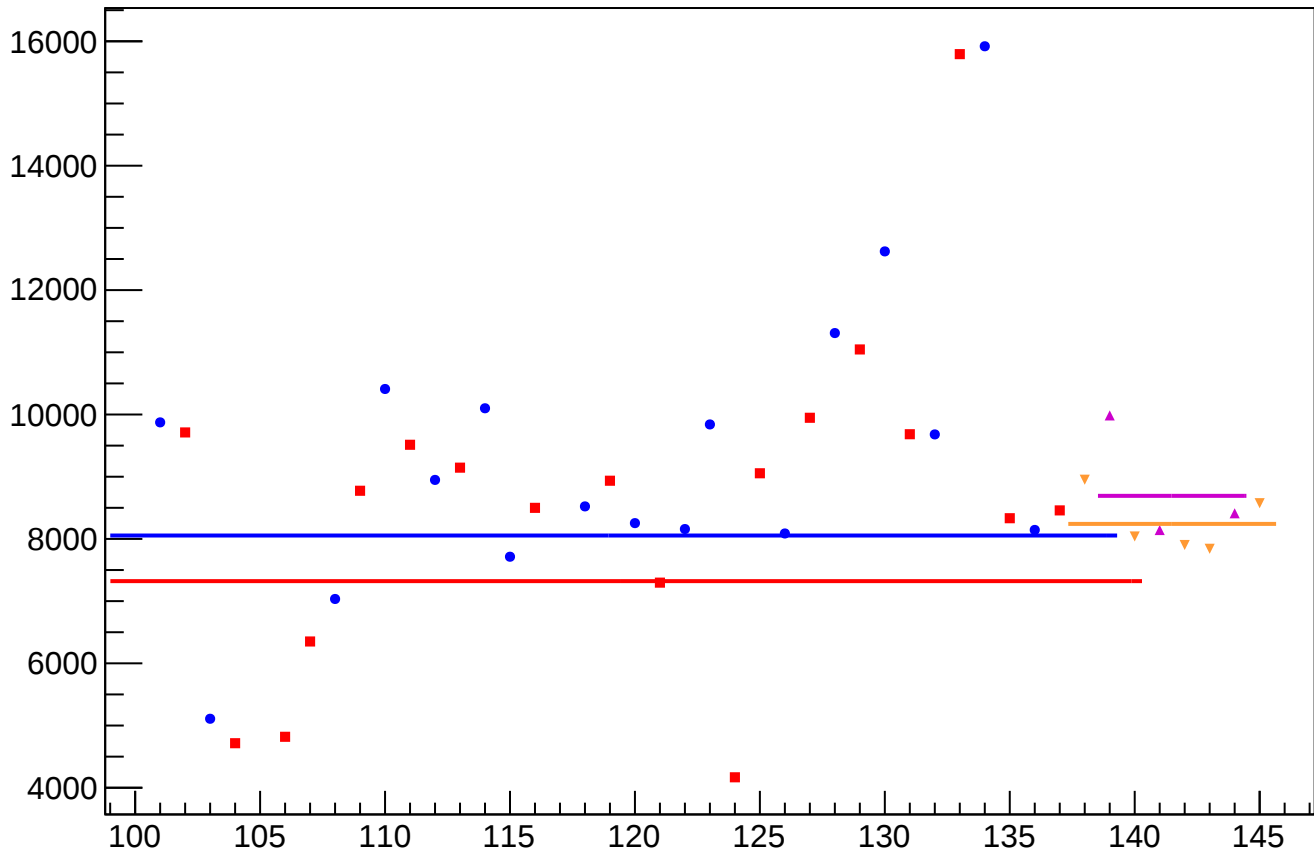
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -2465.790+/-2782.297 χ^2/NDF : 16.4/19

Out: 1666.986+/-2433.968 χ^2/NDF : 23.6/22

All: -124.651+/-1831.924 χ^2/NDF : 41.3/42

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: 8692.543 $\pm$ 3.916 χ^2/NDF : 36170.2/2

Left: 8417.672 $\pm$ 2.448 χ^2/NDF : 62144.1/7

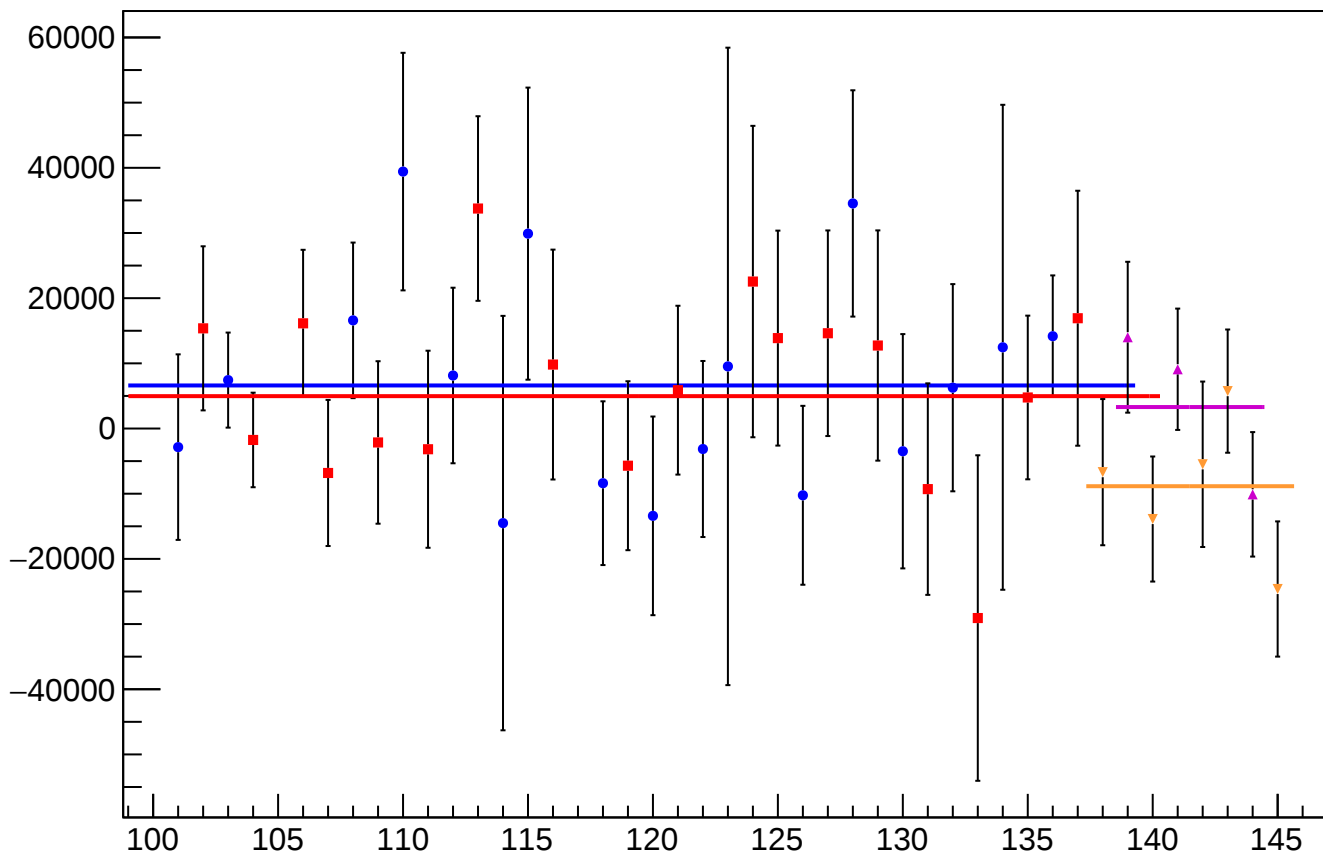
Right: 7651.572 $\pm$ 1.527 χ^2/NDF : 2213832.0/34

In: 8215.737 $\pm$ 1.967 χ^2/NDF : 876762.3/19

Out: 7598.591 $\pm$ 1.721 χ^2/NDF : 1413996.8/22

All: 7866.136 $\pm$ 1.295 χ^2/NDF : 2346501.4/42

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -8850.015+/-4687.755 χ^2/NDF : 5.1/4

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 3296.327+/-5775.887 χ^2/NDF : 3.2/2

Left: -4026.449+/-3639.821 χ^2/NDF : 11.0/7

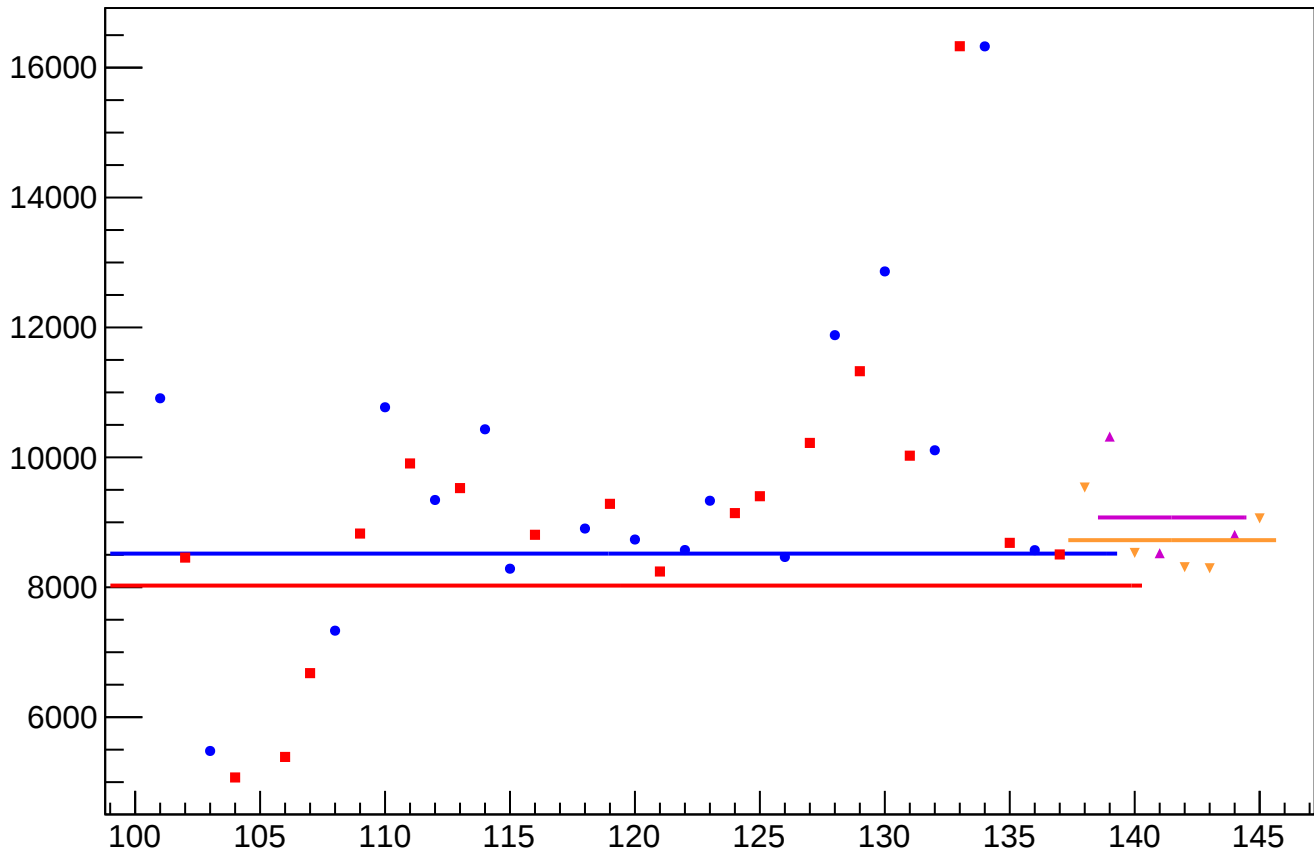
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 5756.812+/-2927.393 χ^2/NDF : 18.2/19

Out: 618.978+/-2629.850 χ^2/NDF : 24.6/22

All: 2913.594+/-1956.348 χ^2/NDF : 44.4/42

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8725.187 $\pm$ 3.315 χ^2/NDF : 19709.0/4

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 9074.726 $\pm$ 4.084 χ^2/NDF : 31724.3/2

Left: 8863.996 $\pm$ 2.574 χ^2/NDF : 55849.1/7

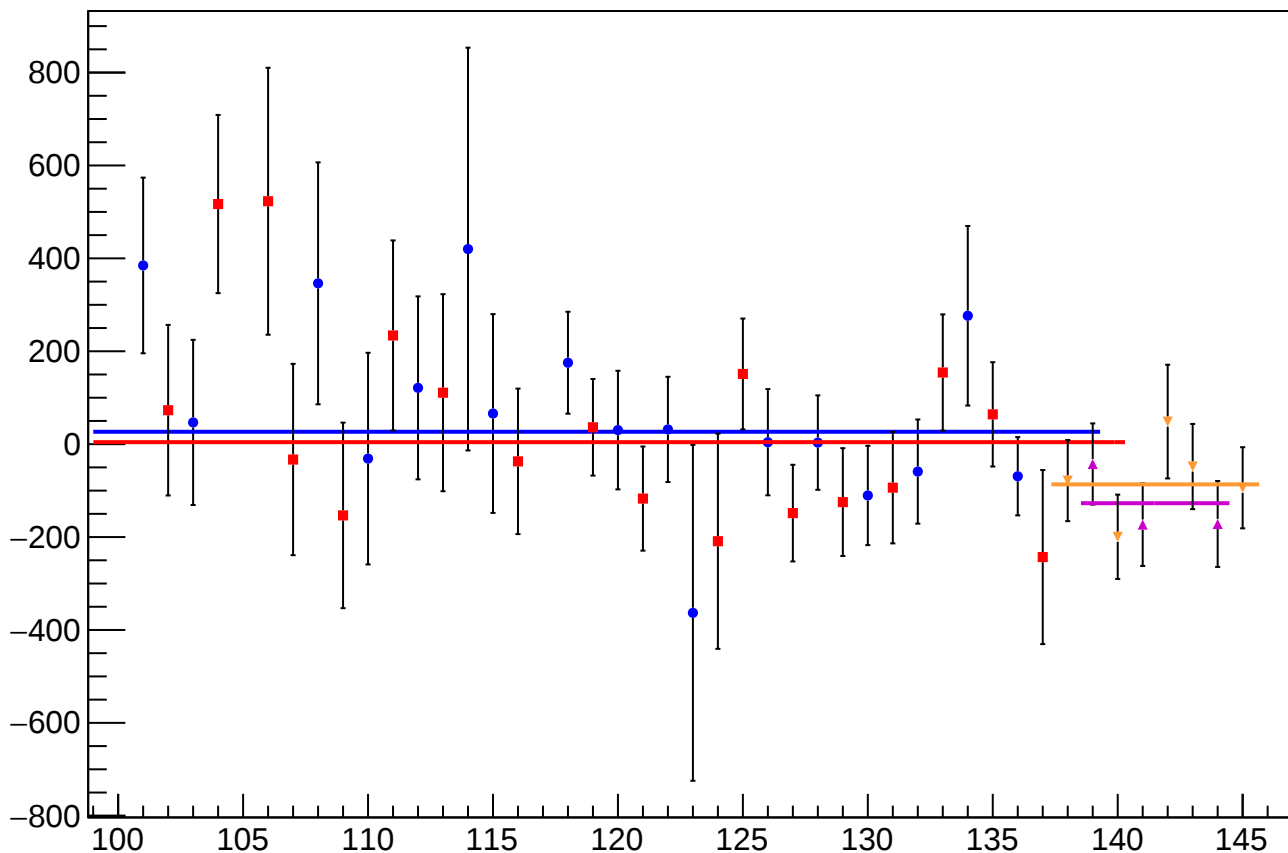
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 8661.213 $\pm$ 2.070 χ^2/NDF : 817514.0/19

Out: 8246.072 $\pm$ 1.860 χ^2/NDF : 992853.1/22

All: 8431.474 $\pm$ 1.383 χ^2/NDF : 1832625.7/42

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713+/-33.626 χ^2/NDF : 14.5/16

Left Out: -86.549+/-41.916 χ^2/NDF : 3.0/4

Right Out: 4.338+/-33.842 χ^2/NDF : 23.9/17

Left In: -127.056+/-51.690 χ^2/NDF : 1.4/2

Left: -102.619+/-32.557 χ^2/NDF : 4.8/7

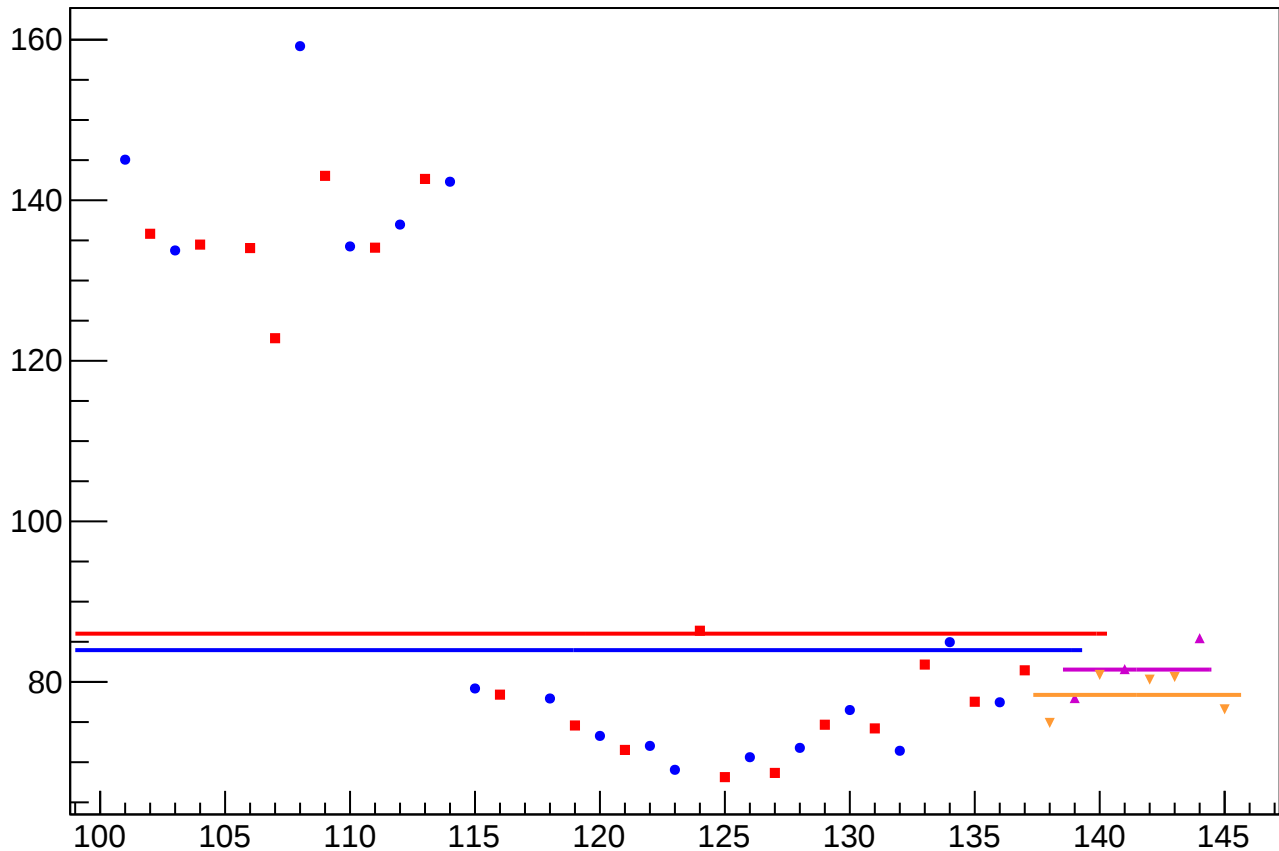
Right: 15.597+/-23.853 χ^2/NDF : 38.7/34

In: -19.011+/-28.187 χ^2/NDF : 22.2/19

Out: -31.527+/-26.331 χ^2/NDF : 29.7/22

All: -25.695+/-19.242 χ^2/NDF : 52.0/42

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: 81.538 $\pm$ 0.037 χ^2 /NDF: 6877.5/2

Left: 79.636 $\pm$ 0.023 χ^2 /NDF: 18567.1/7

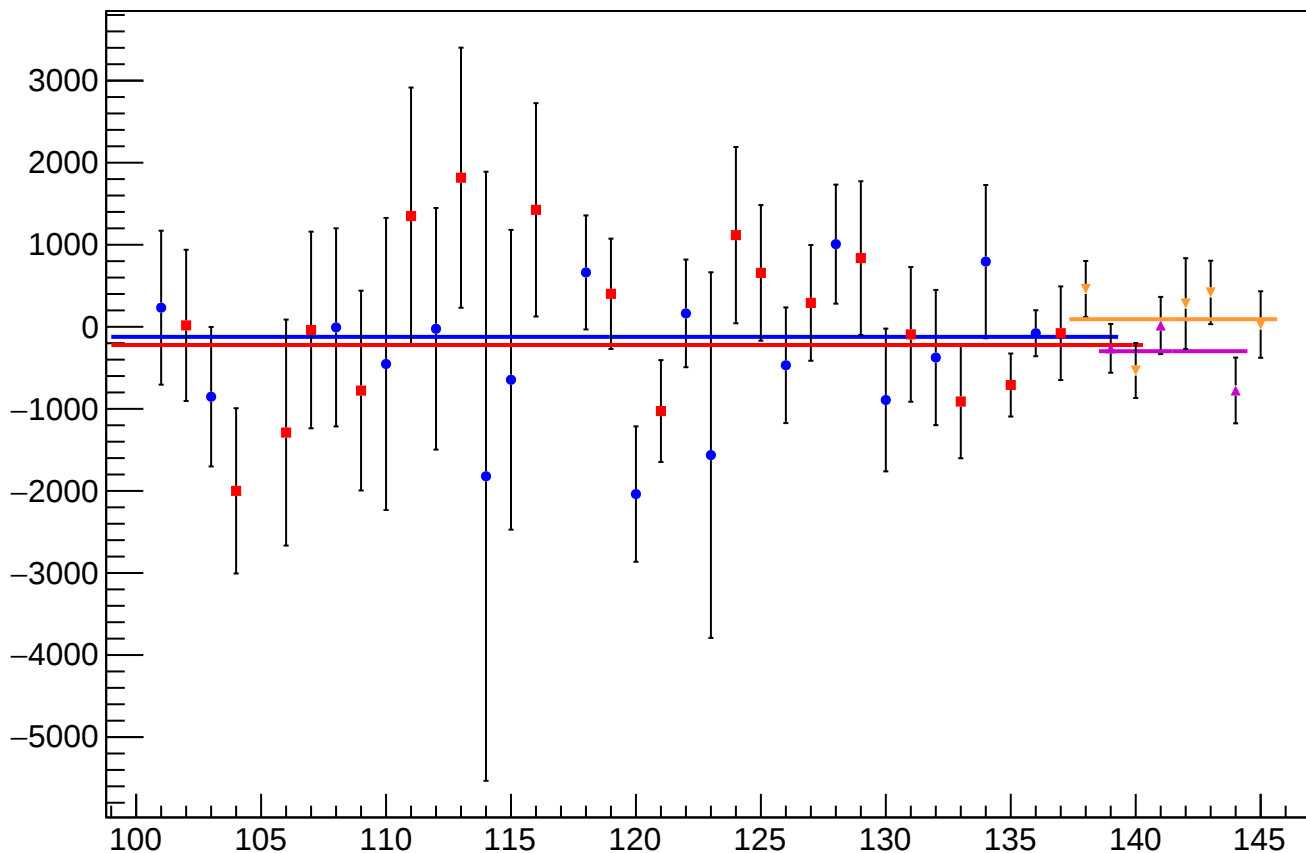
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.240 $\pm$ 0.020 χ^2 /NDF: 970219.3/19

Out: 83.002 $\pm$ 0.019 χ^2 /NDF: 1073691.0/22

All: 83.113 $\pm$ 0.014 χ^2 /NDF: 2043986.2/42

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 92.469 ± 172.568 $\chi^2/\text{NDF}: 5.5/4$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -297.392 ± 197.017 $\chi^2/\text{NDF}: 2.2/2$

Left: -76.783 ± 129.813 $\chi^2/\text{NDF}: 10.0/7$

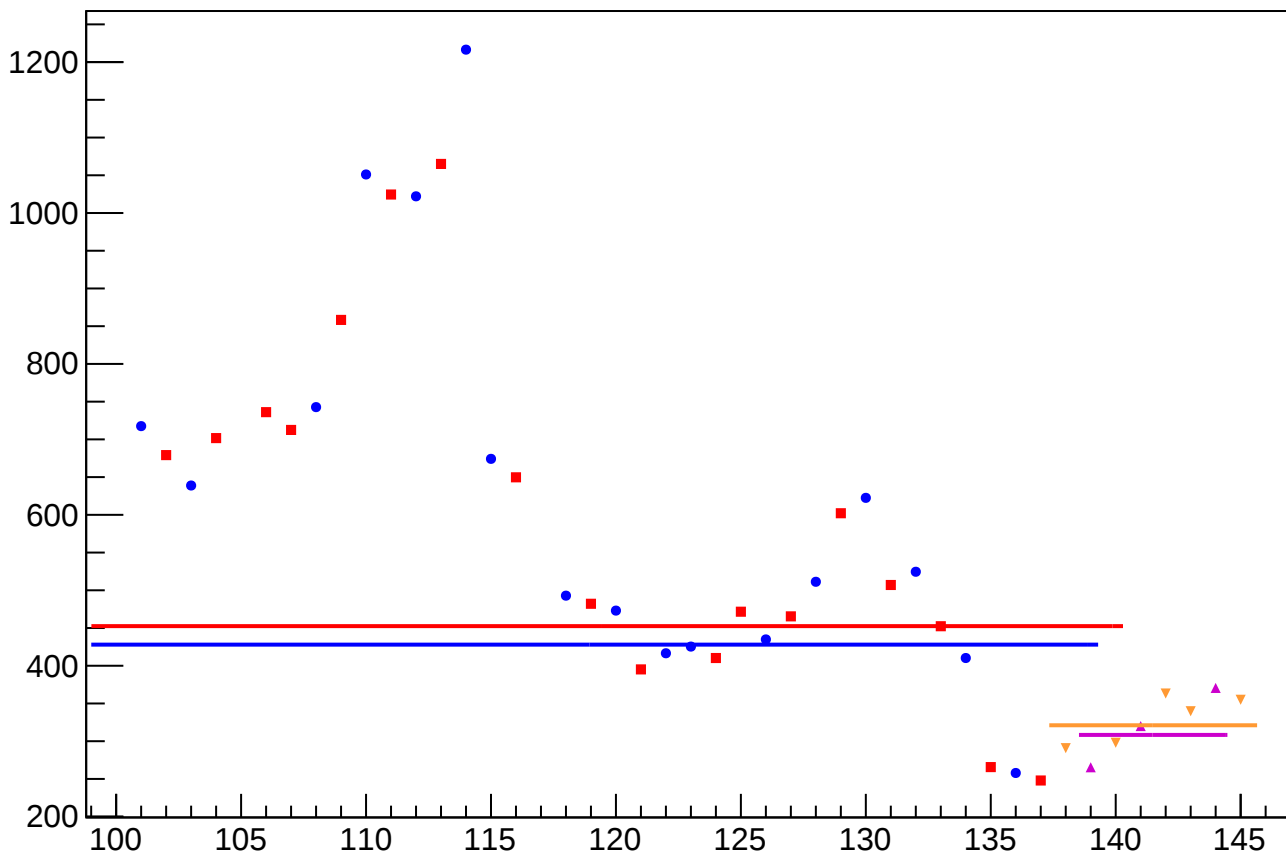
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -201.820 ± 132.723 $\chi^2/\text{NDF}: 15.7/19$

Out: -53.541 ± 126.221 $\chi^2/\text{NDF}: 25.1/22$

All: -123.960 ± 91.464 $\chi^2/\text{NDF}: 41.4/42$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 321.112+/-0.122 χ^2/NDF : 55517.8/4

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 308.335+/-0.139 χ^2/NDF : 92141.2/2

Left: 315.565+/-0.092 χ^2/NDF : 152419.1/7

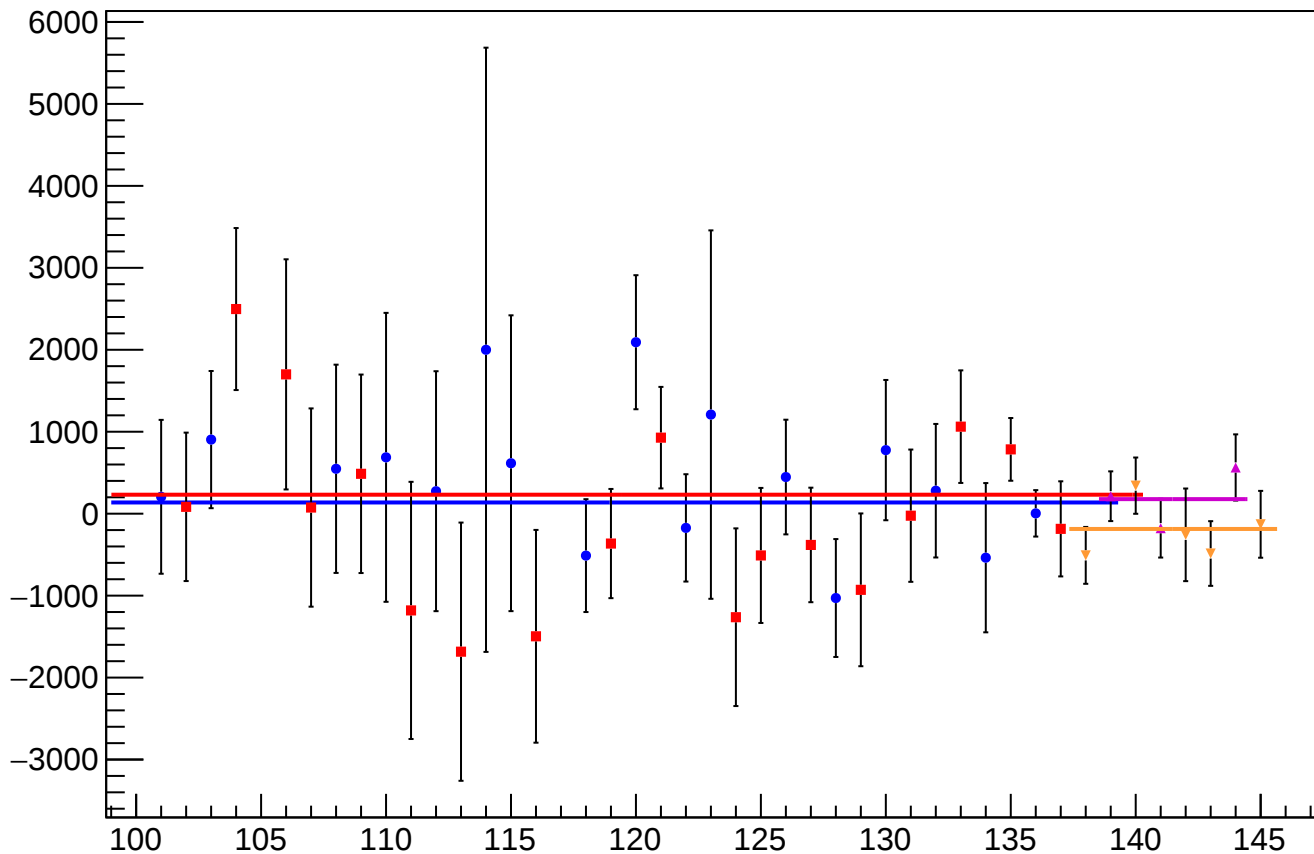
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 373.686+/-0.094 χ^2/NDF : 2557278.7/19

Out: 382.212+/-0.089 χ^2/NDF : 2667726.1/22

All: 378.163+/-0.065 χ^2/NDF : 5229338.8/42

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: 177.581 $\pm$ 200.957 χ^2 /NDF:1.9/2

Left: -28.633 $\pm$ 132.309 χ^2 /NDF: 7.6/7

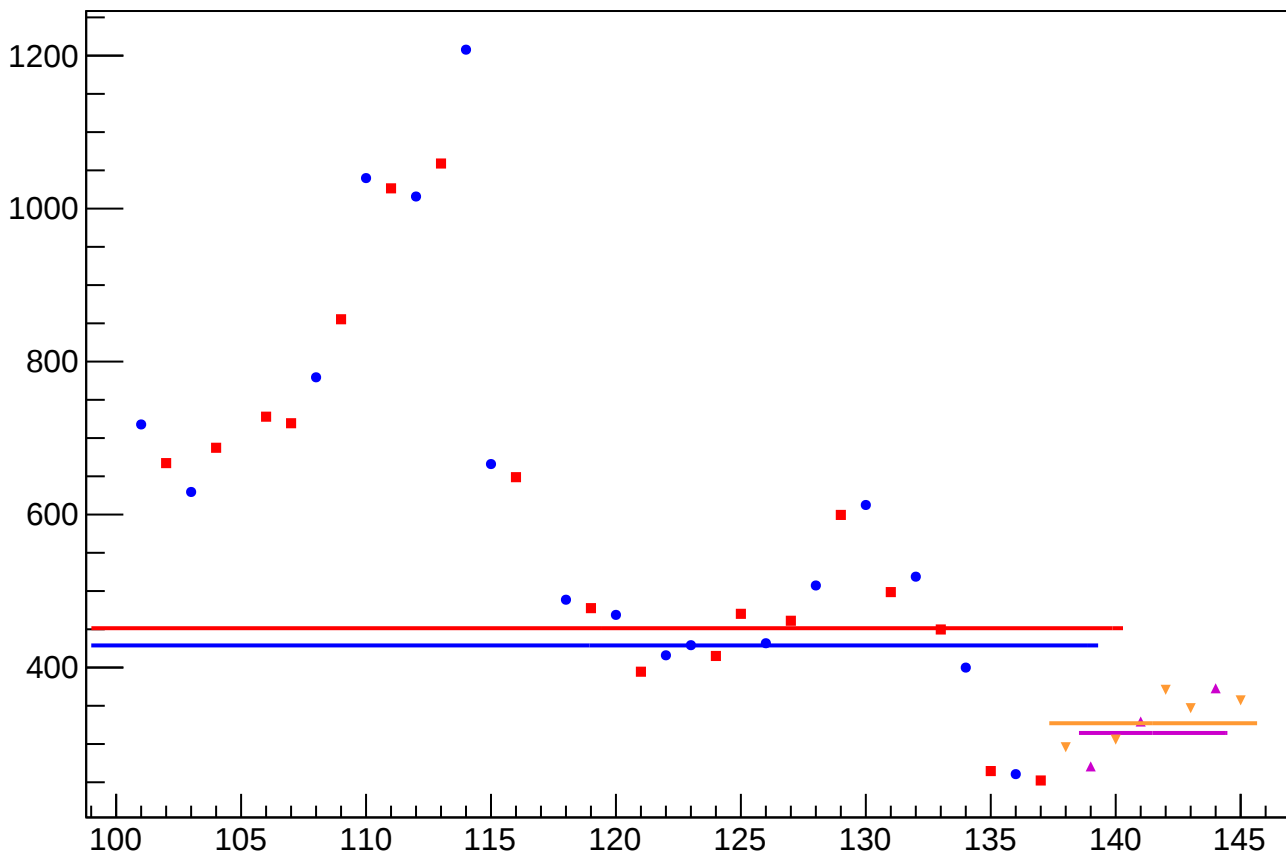
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 154.916 $\pm$ 133.917 χ^2 /NDF:14.5/19

Out: 12.388 $\pm$ 127.294 χ^2 /NDF:28.3/22

All: 80.041 $\pm$ 92.263 χ^2 /NDF: 43.4/42

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 327.171+/-0.124 χ^2/NDF : 51857.7/4

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 314.459+/-0.142 χ^2/NDF : 86803.7/2

Left: 321.660+/-0.094 χ^2/NDF : 143195.2/7

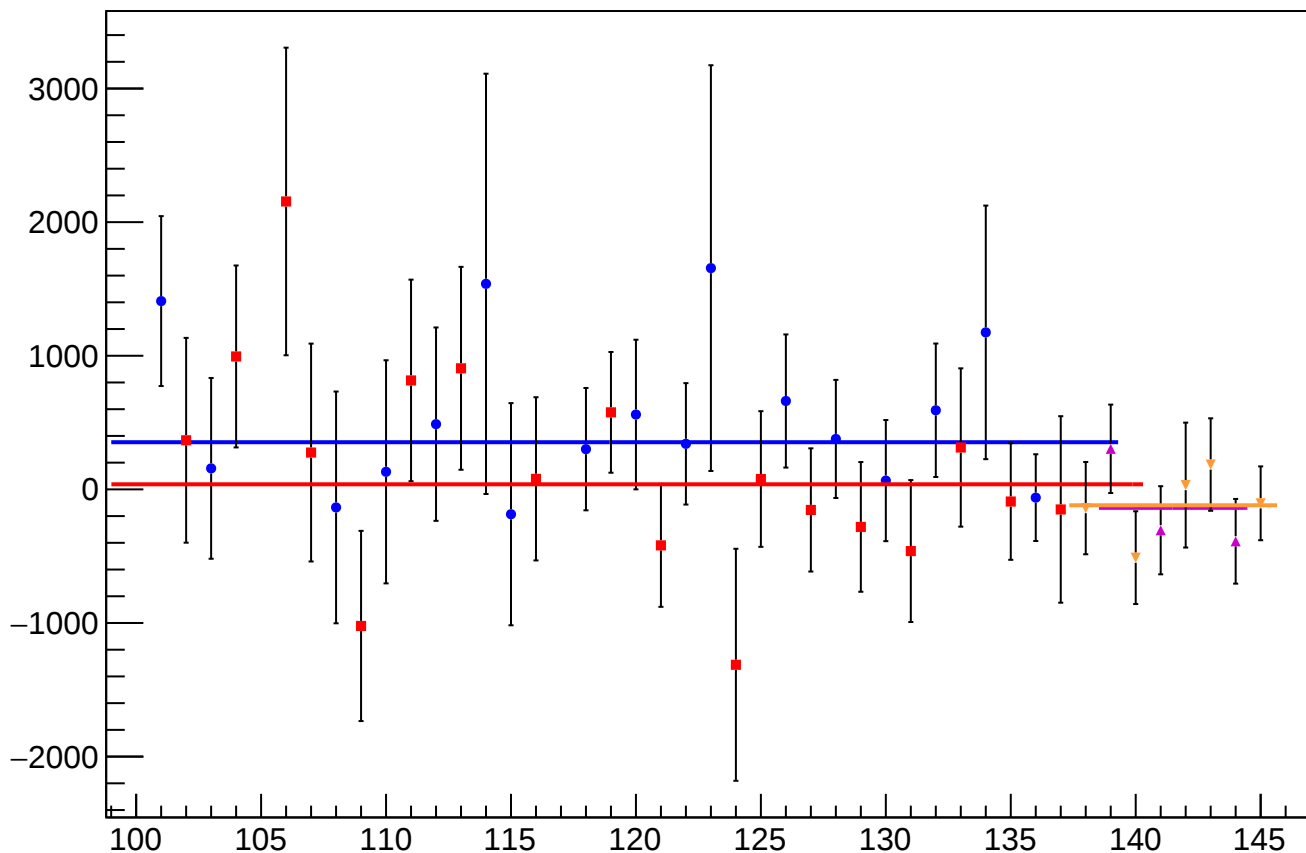
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 378.073+/-0.095 χ^2/NDF : 2457906.9/19

Out: 386.262+/-0.090 χ^2/NDF : 2557760.7/22

All: 382.375+/-0.065 χ^2/NDF : 5019595.8/42

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: -138.303 ± 188.024 $\chi^2/\text{NDF}: 2.7/2$

Left: -126.764 ± 118.681 $\chi^2/\text{NDF}: 4.8/7$

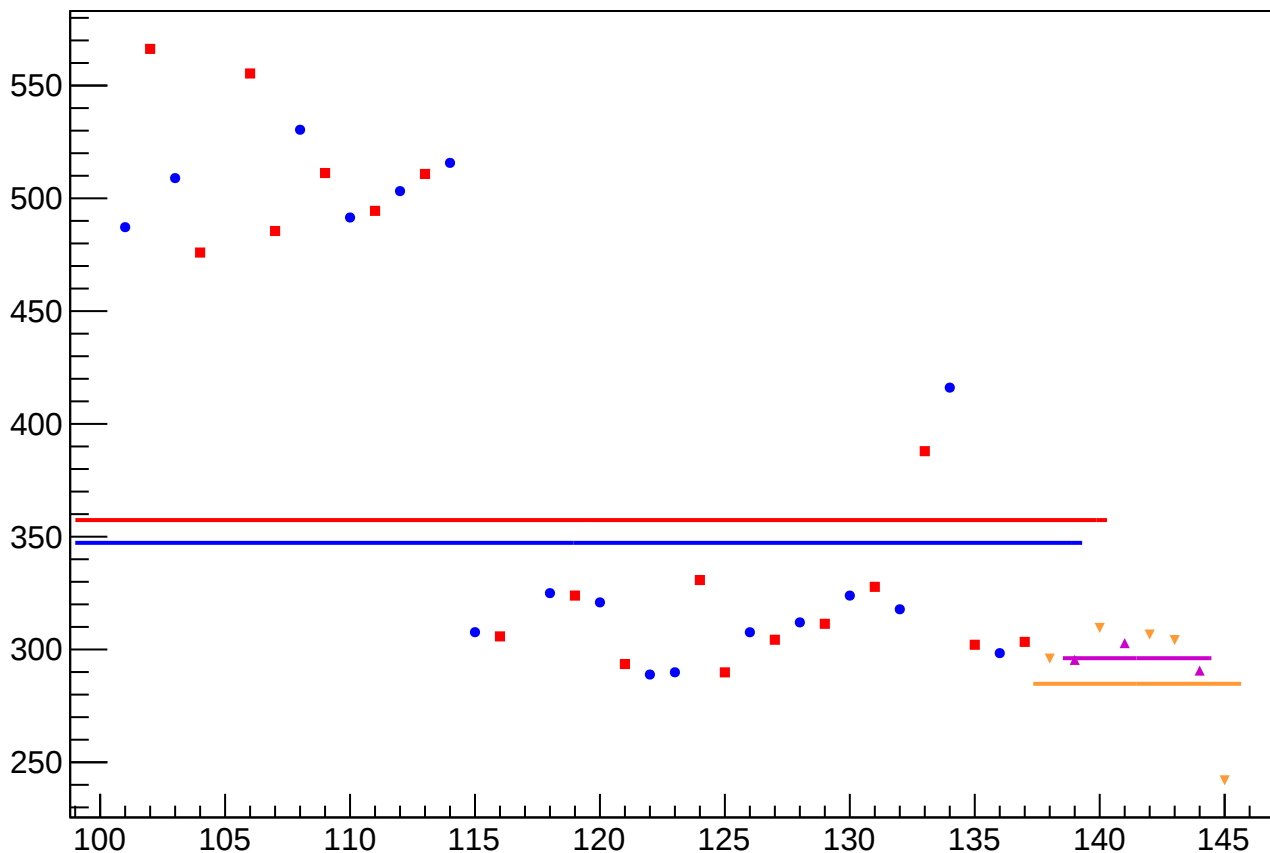
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 182.089 ± 110.882 $\chi^2/\text{NDF}: 15.7/19$

Out: -33.060 ± 102.896 $\chi^2/\text{NDF}: 19.7/22$

All: 66.489 ± 75.424 $\chi^2/\text{NDF}: 37.3/42$

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: 296.138 $\pm$ 0.133 χ^2 /NDF:1431.1/2

Left: 289.315 $\pm$ 0.084 χ^2 /NDF: 76756.6/7

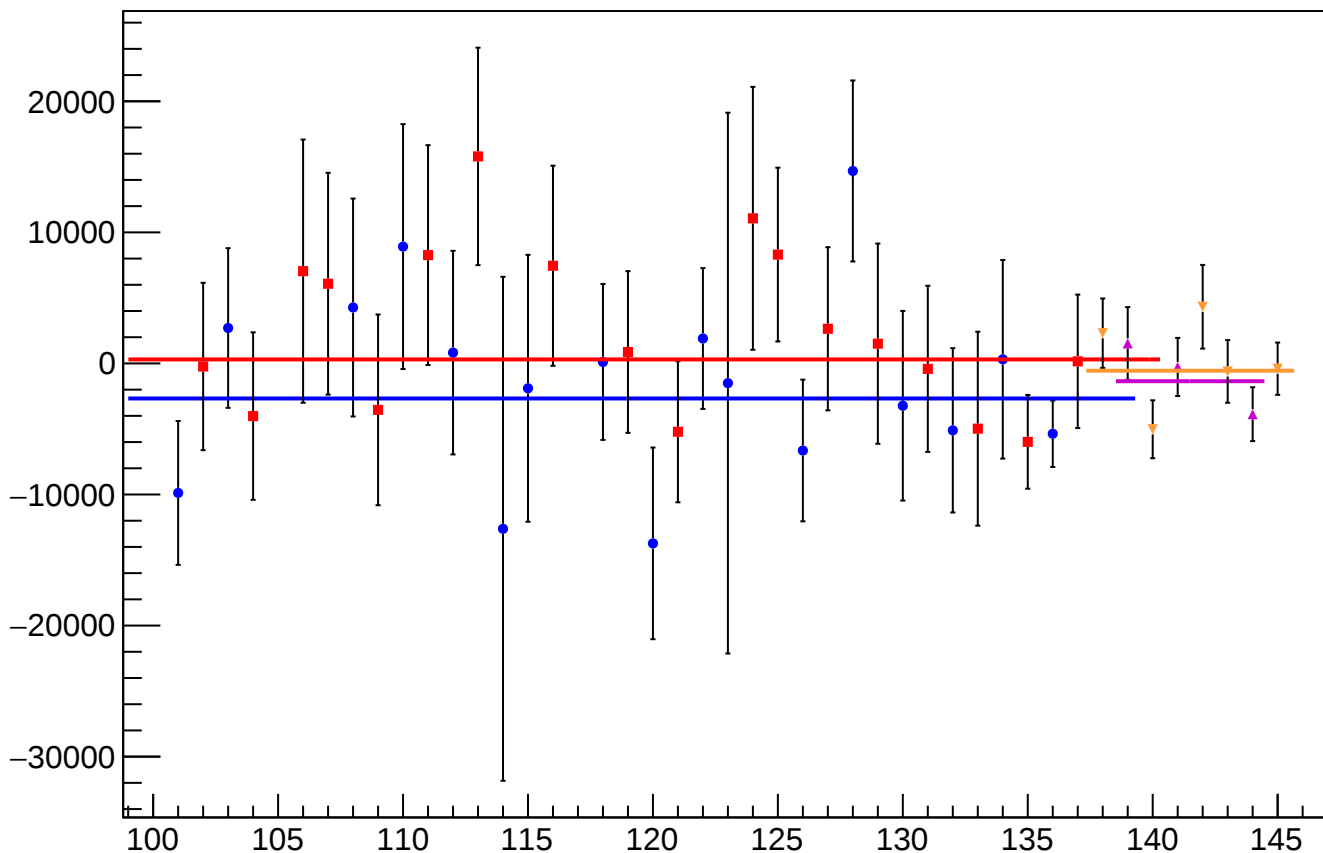
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 329.494 $\pm$ 0.078 χ^2 /NDF:716842.1/19

Out: 324.550 $\pm$ 0.073 χ^2 /NDF:1077305.5/22

All: 326.837 $\pm$ 0.053 χ^2 /NDF: 1796284.3/42

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: -1356.837+/-1324.296 χ^2/NDF : 2.8/2

Left: -872.573+/-832.792 χ^2/NDF : 10.6/7

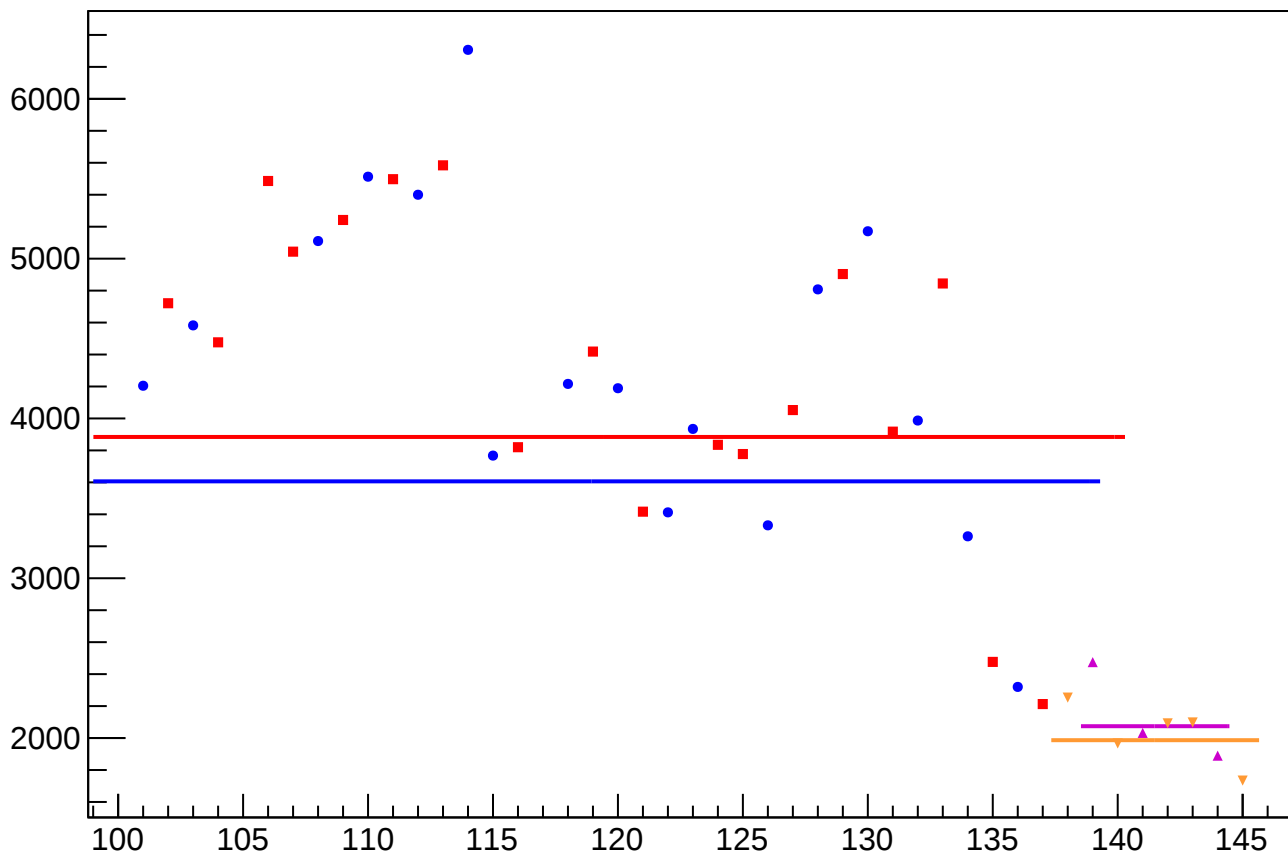
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1953.091+/-979.736 χ^2/NDF : 20.0/19

Out: -269.700+/-875.131 χ^2/NDF : 22.2/22

All: -1016.762+/-652.672 χ^2/NDF : 43.8/42

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2 /NDF: 1092516.6/16

Left Out: 1986.565 $\pm$ 0.757 χ^2 /NDF: 59035.7/4

Right Out: 3884.203 $\pm$ 1.073 χ^2 /NDF: 994574.5/17

Left In: 2074.067 $\pm$ 0.936 χ^2 /NDF: 58631.5/2

Left: 2021.169 $\pm$ 0.589 χ^2 /NDF: 122945.8/7

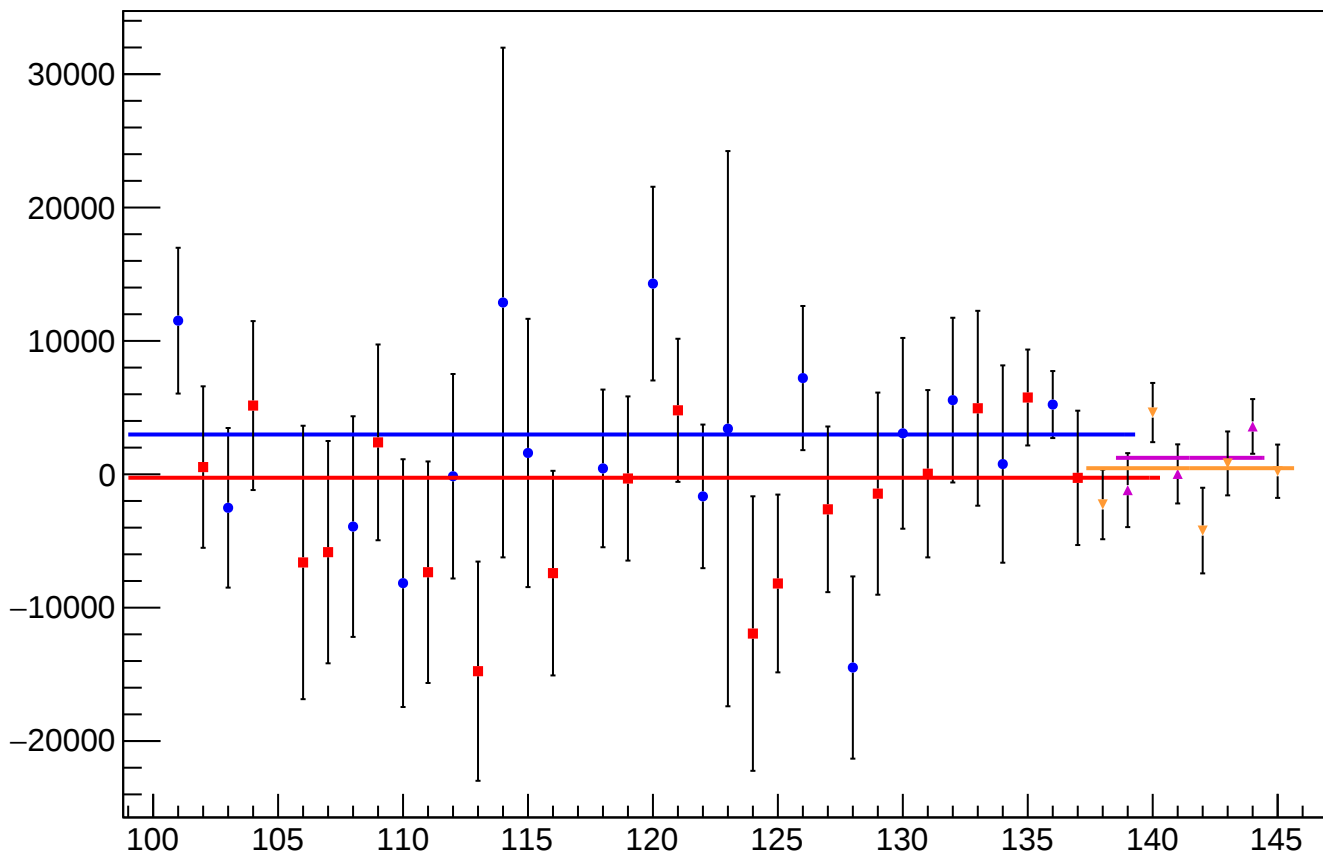
Right: 3739.524 $\pm$ 0.743 χ^2 /NDF: 2121988.0/34

In: 2767.692 $\pm$ 0.693 χ^2 /NDF: 2363214.3/19

Out: 2617.394 $\pm$ 0.619 χ^2 /NDF: 3140531.7/22

All: 2684.094 $\pm$ 0.462 χ^2 /NDF: 5529925.6/42

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: 1233.454+/-1322.729 χ^2/NDF : 2.4/2

Left: 764.759+/-832.607 χ^2/NDF : 9.4/7

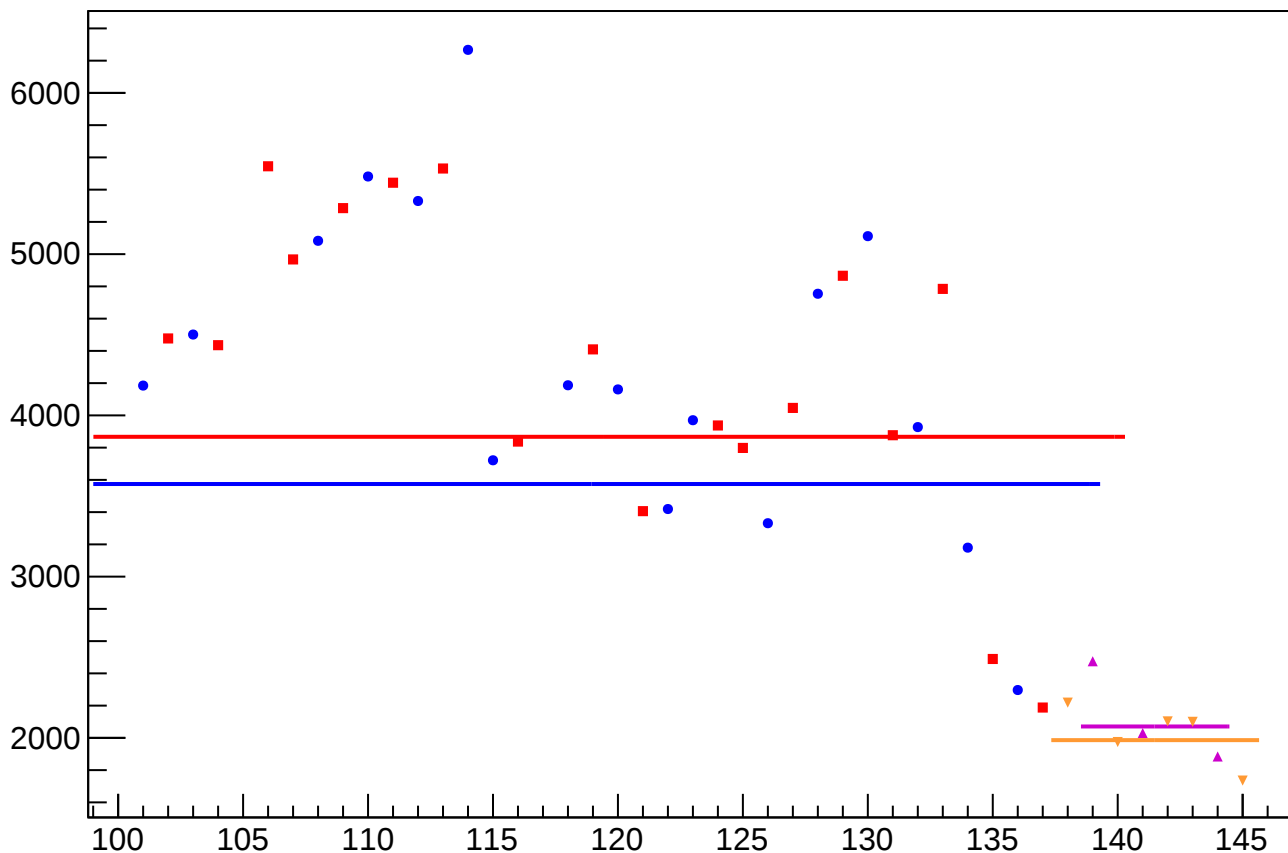
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 2032.188+/-975.256 χ^2/NDF : 20.6/19

Out: 217.158+/-873.925 χ^2/NDF : 20.4/22

All: 1025.512+/-650.845 χ^2/NDF : 43.0/42

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 1985.948+/-0.758 χ^2/NDF : 54521.1/4

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2070.662+/-0.935 χ^2/NDF : 59713.3/2

Left: 2019.513+/-0.589 χ^2/NDF : 119187.4/7

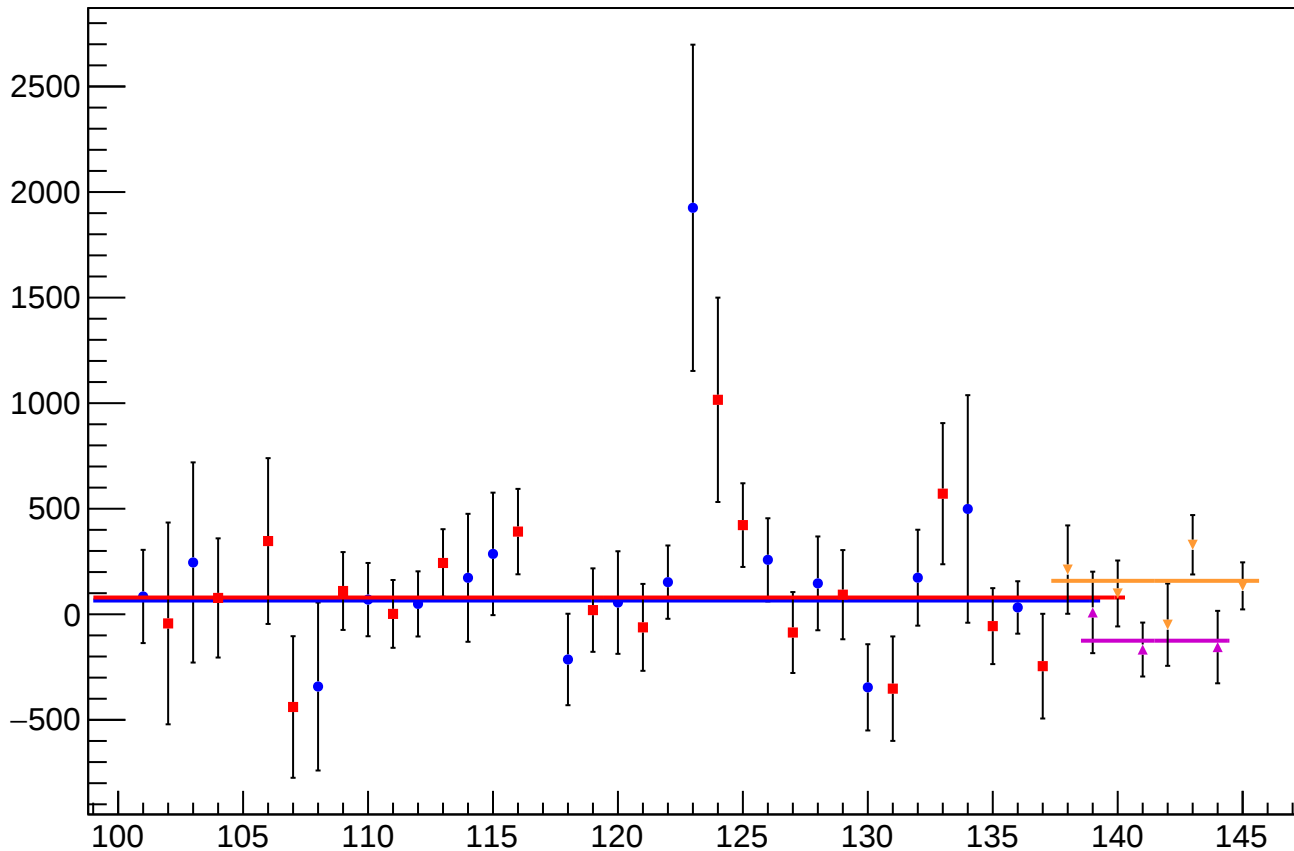
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 2756.919+/-0.690 χ^2/NDF : 2330670.4/19

Out: 2615.818+/-0.618 χ^2/NDF : 3086770.9/22

All: 2678.660+/-0.460 χ^2/NDF : 5440661.1/42

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 158.502+/-67.235 χ^2/NDF : 2.9/4

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: -125.056+/-90.495 χ^2/NDF : 0.6/2

Left: 57.648+/-53.969 χ^2/NDF : 9.8/7

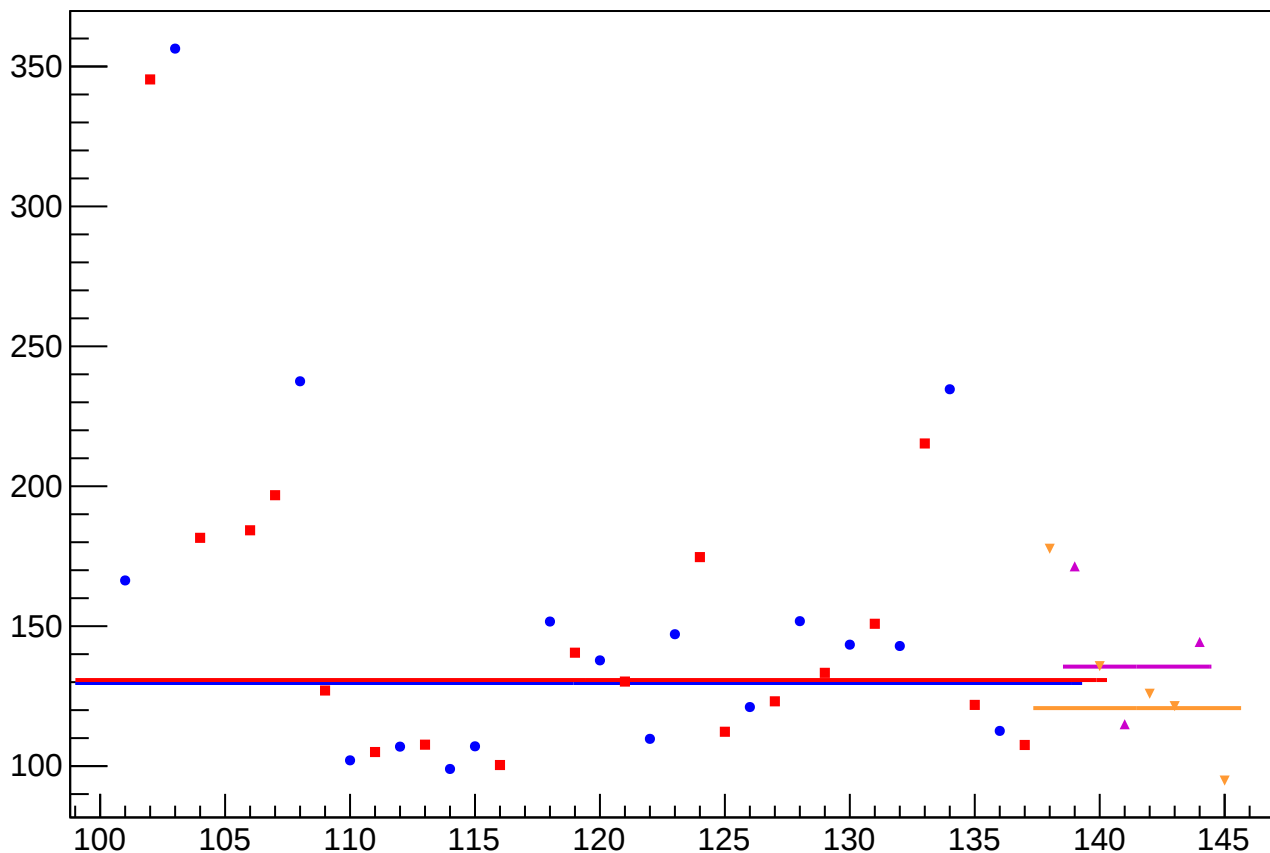
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 17.036+/-45.541 χ^2/NDF : 19.6/19

Out: 109.296+/-41.303 χ^2/NDF : 25.9/22

All: 67.658+/-30.594 χ^2/NDF : 47.8/42

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: 135.548 $\pm$ 0.064 χ^2 /NDF: 126174.4/2

Left: 125.997 $\pm$ 0.038 χ^2 /NDF: 436718.4/7

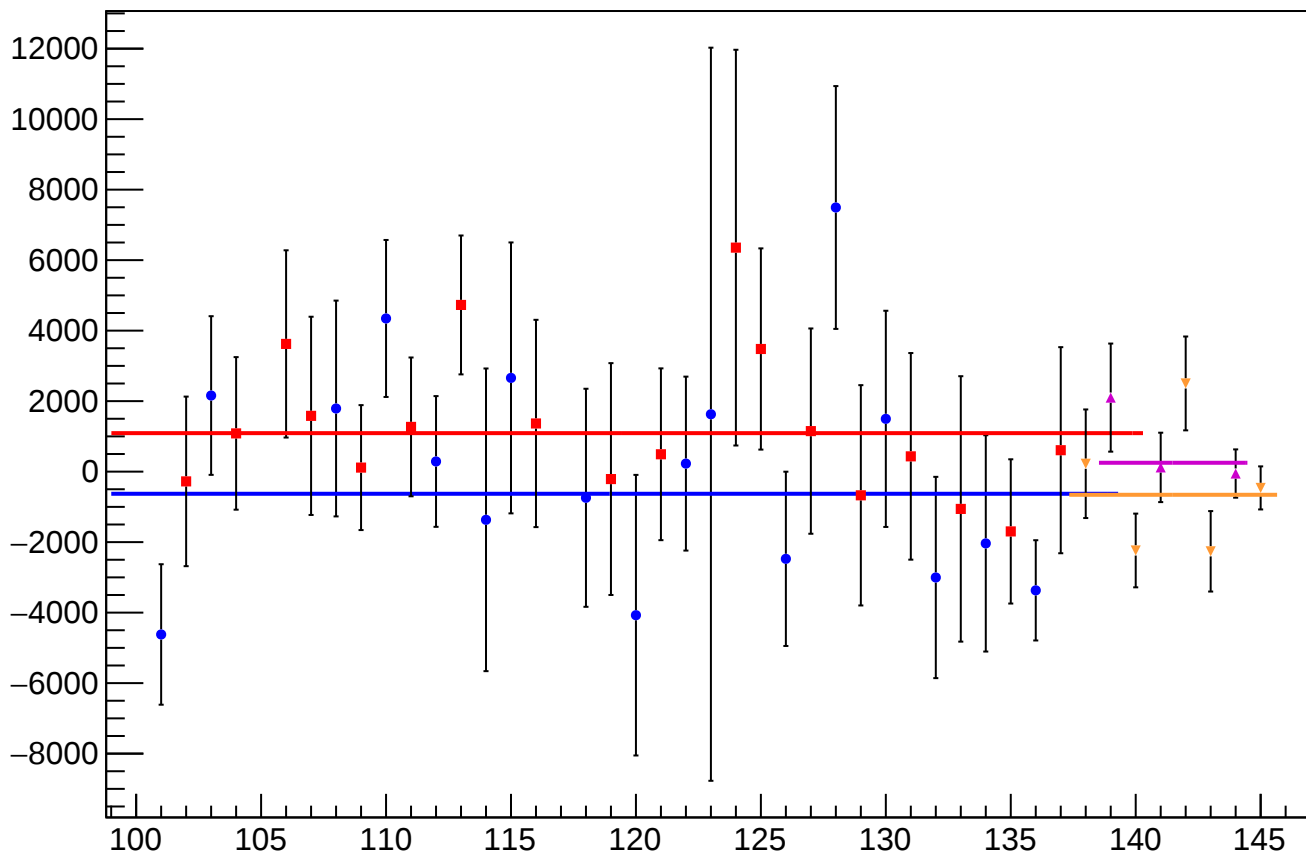
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 131.179 $\pm$ 0.032 χ^2 /NDF: 1122101.4/19

Out: 126.968 $\pm$ 0.029 χ^2 /NDF: 1231194.2/22

All: 128.868 $\pm$ 0.022 χ^2 /NDF: 2362678.1/42

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: 251.349+/-527.872 χ^2/NDF : 1.7/2

Left: -292.221+/-334.512 χ^2/NDF : 13.8/7

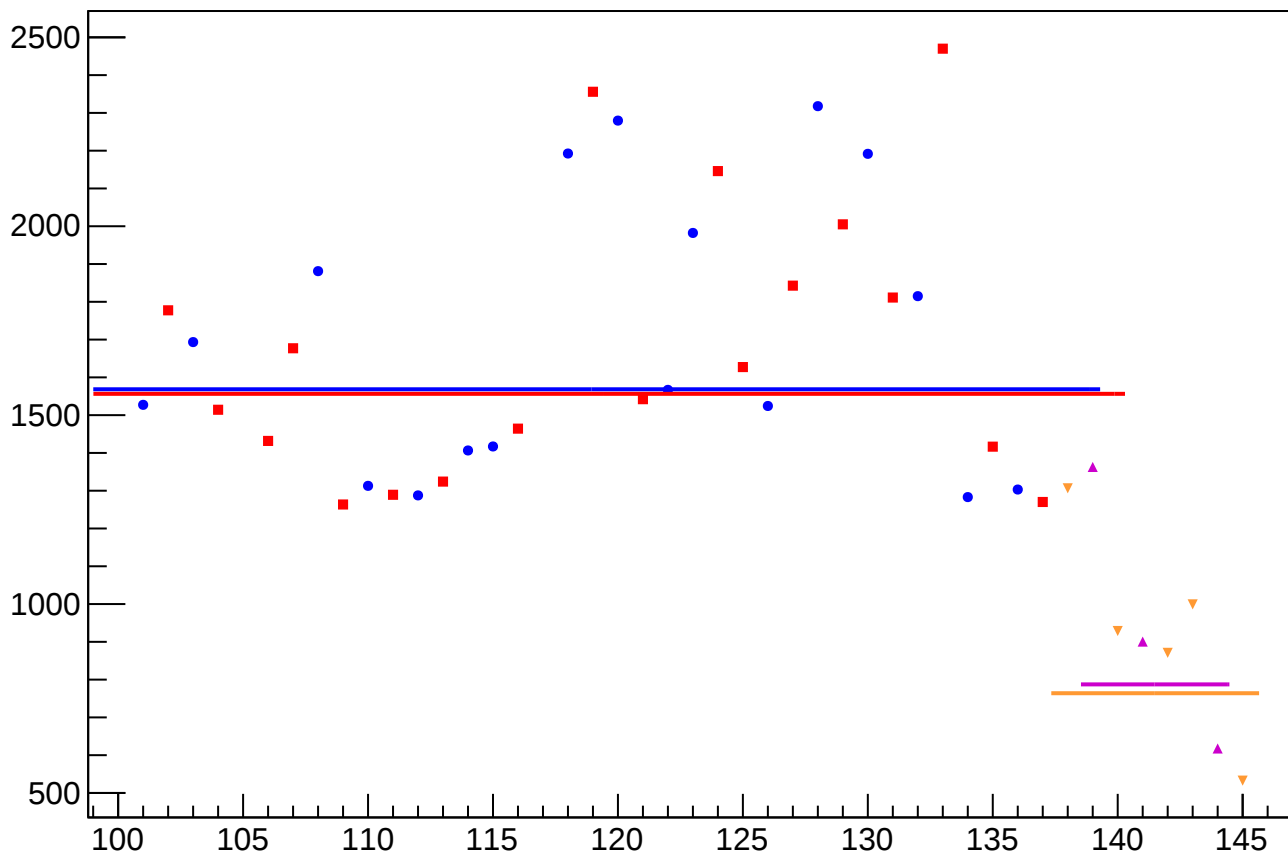
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -117.249+/-402.332 χ^2/NDF : 27.1/19

Out: -58.434+/-350.704 χ^2/NDF : 25.3/22

All: -83.828+/-264.366 χ^2/NDF : 52.4/42

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: 787.372+/-0.373 χ^2/NDF : 430981.3/2

Left: 773.377+/-0.237 χ^2/NDF : 1115617.2/7

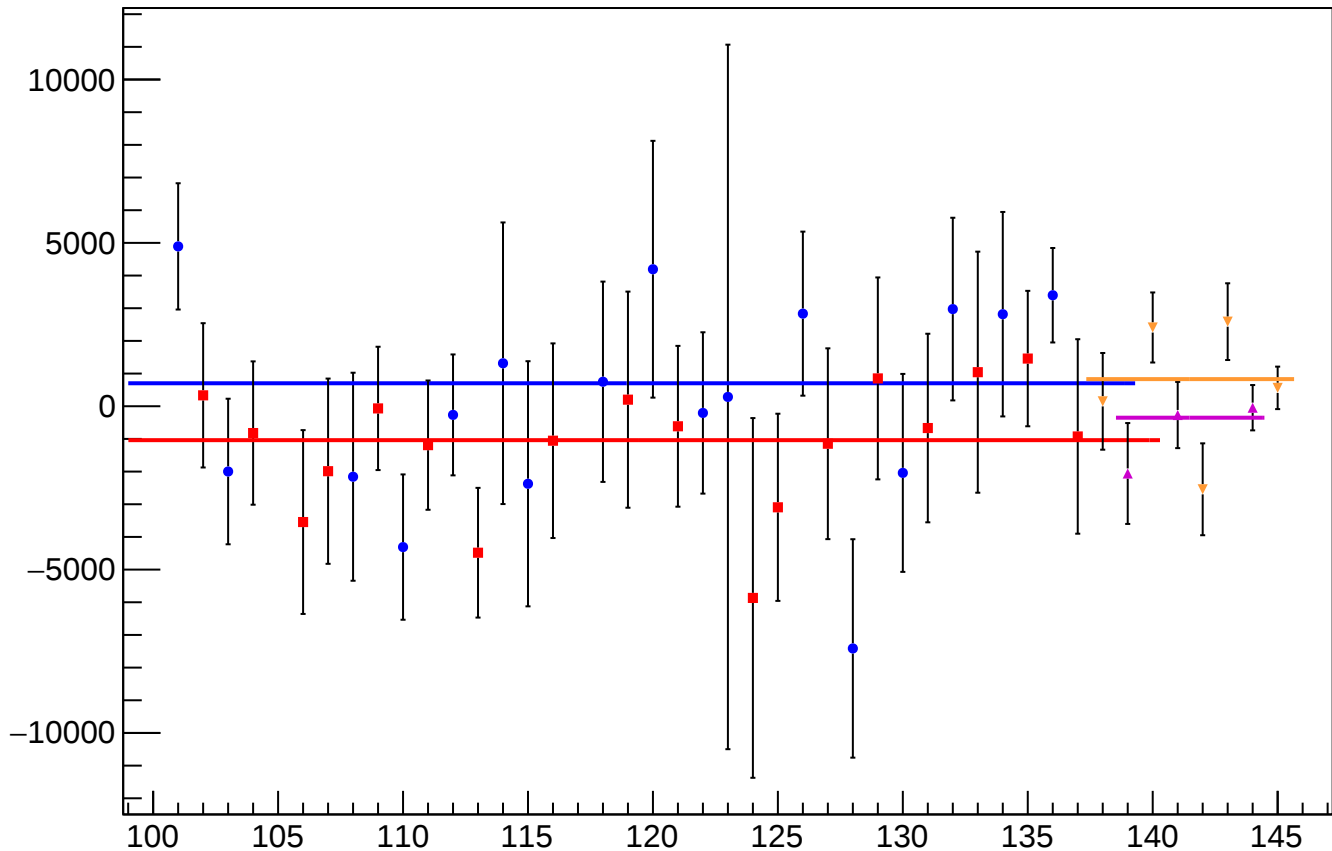
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1114.725+/-0.284 χ^2/NDF : 2800446.2/19

Out: 1035.188+/-0.248 χ^2/NDF : 3491405.7/22

All: 1069.529+/-0.187 χ^2/NDF : 6336267.3/42

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: -350.960+/-536.770 χ^2/NDF :1.4/2

Left: 341.812+/-345.160 χ^2/NDF : 14.8/7

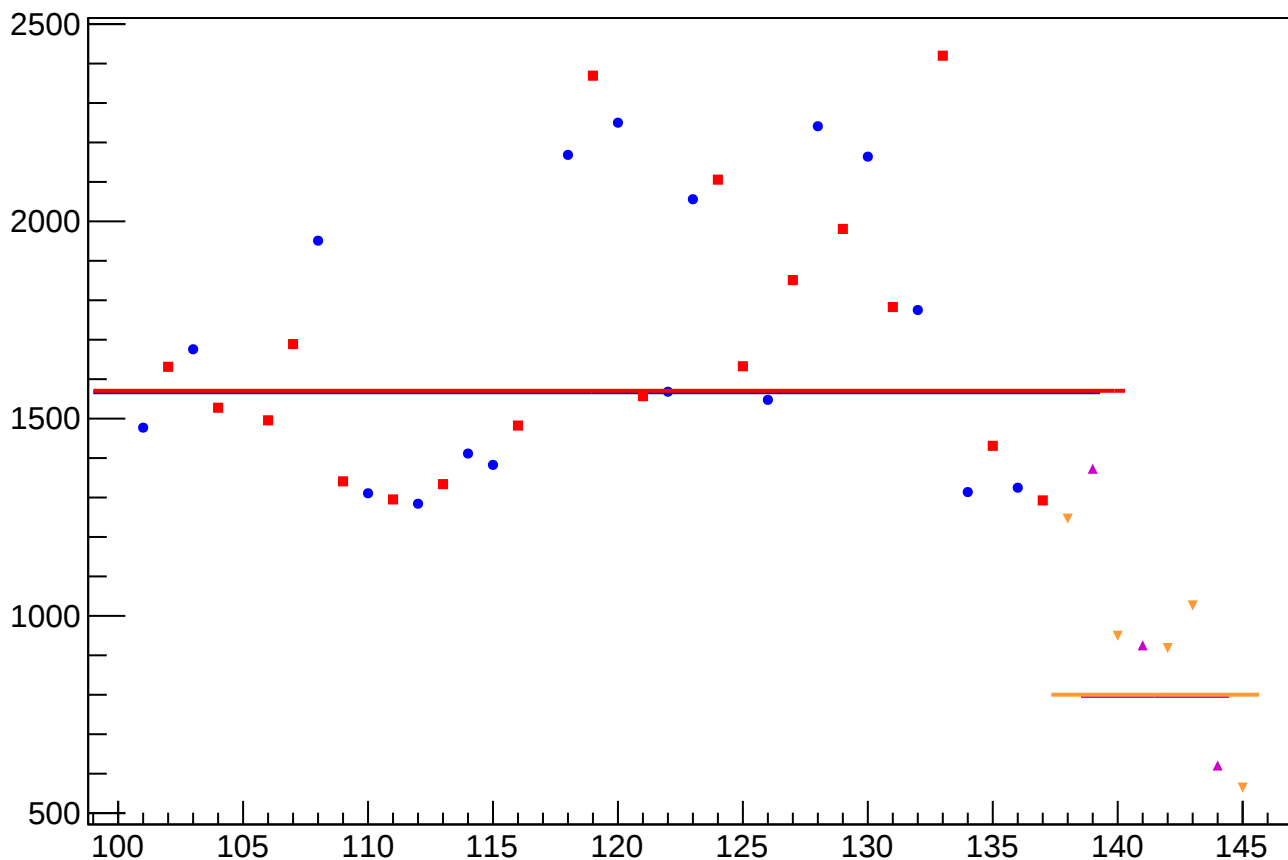
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 100.088+/-405.987 χ^2/NDF :29.1/19

Out: 162.248+/-361.270 χ^2/NDF :24.9/22

All: 134.778+/-269.887 χ^2/NDF : 54.0/42

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: 797.077 $\pm$ 0.380 χ^2 /NDF: 439606.9/2

Left: 798.931 $\pm$ 0.244 χ^2 /NDF: 1011108.1/7

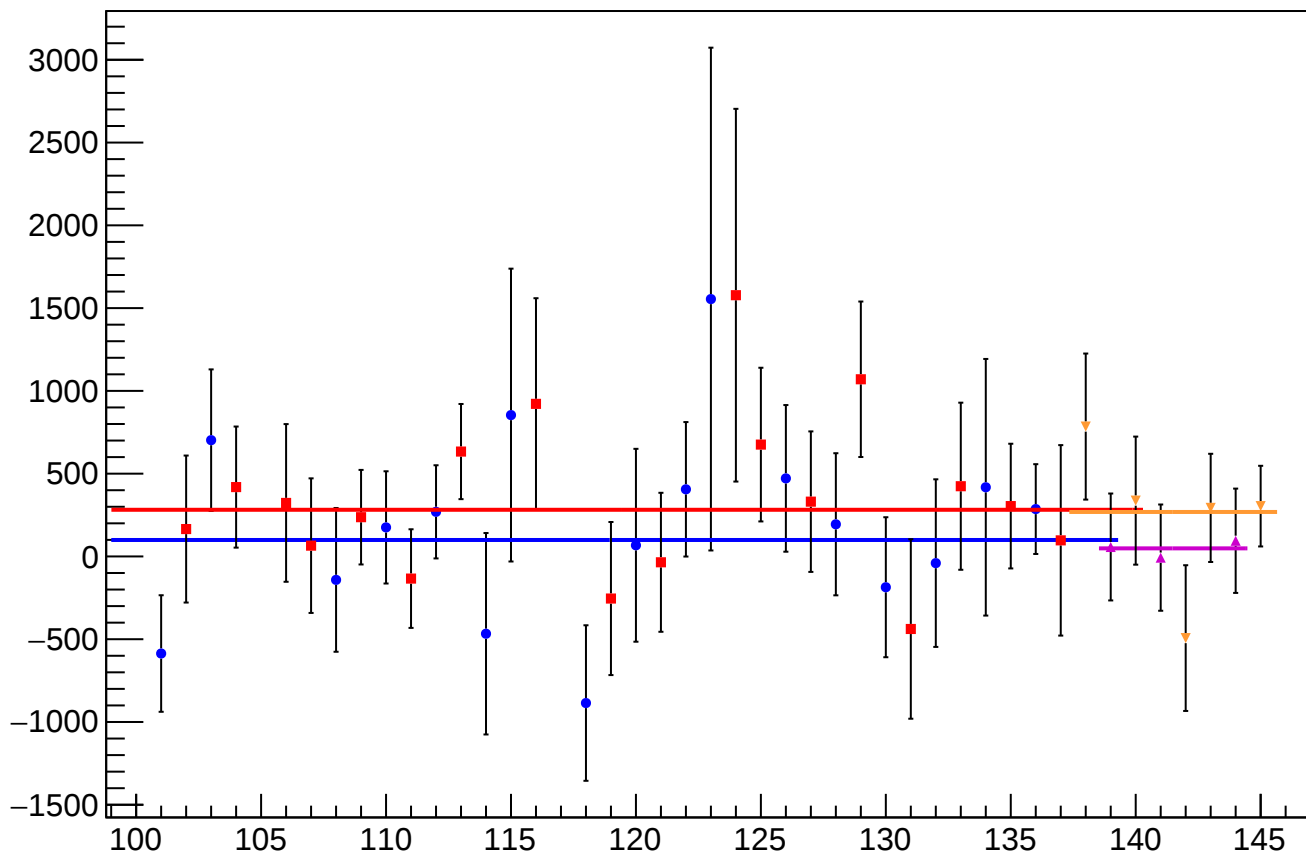
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1126.525 $\pm$ 0.287 χ^2 /NDF: 2700014.6/19

Out: 1075.595 $\pm$ 0.255 χ^2 /NDF: 3099185.2/22

All: 1098.102 $\pm$ 0.191 χ^2 /NDF: 5816764.6/42

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: 48.750 $\pm$ 184.504 χ^2 /NDF: 0.1/2

Left: 179.651 $\pm$ 117.381 χ^2 /NDF: 5.3/7

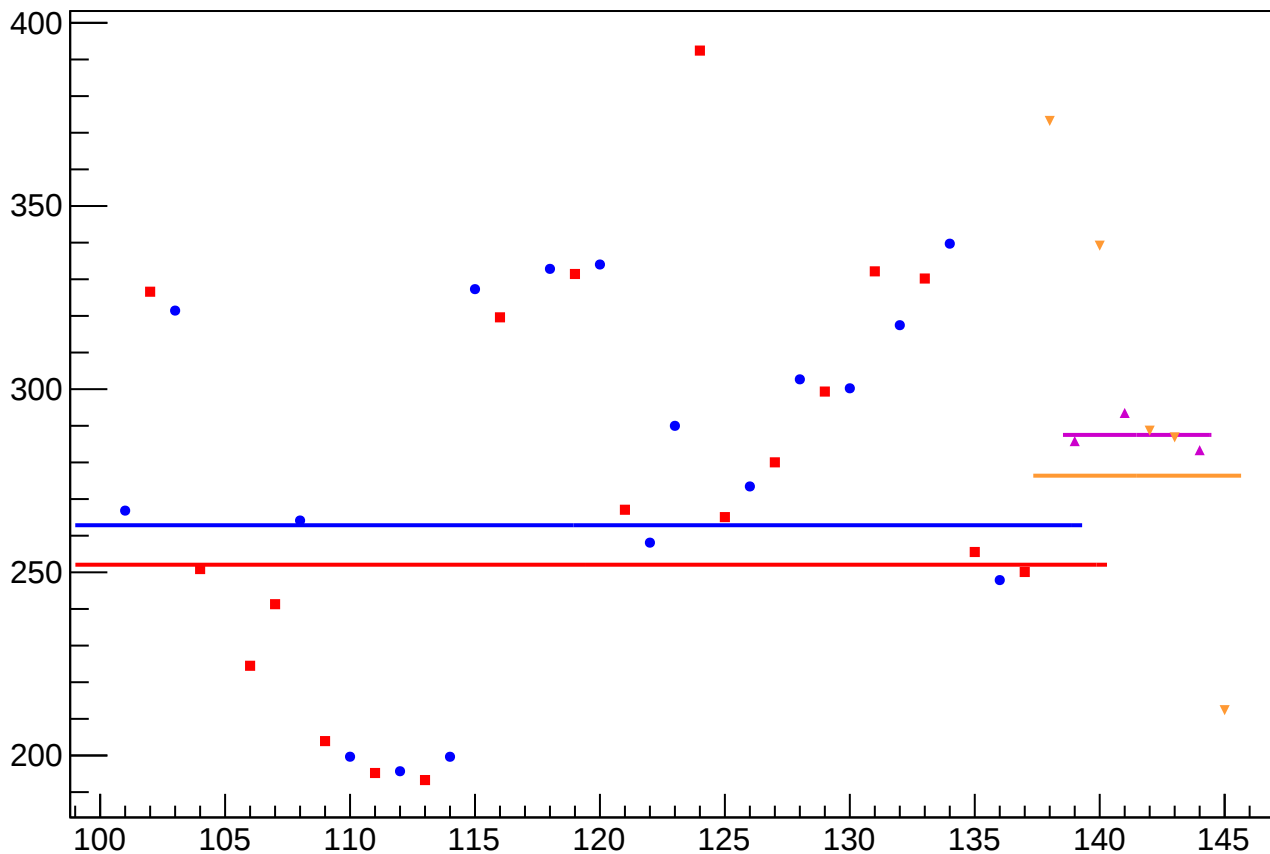
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 87.273 $\pm$ 90.243 χ^2 /NDF: 16.0/19

Out: 277.974 $\pm$ 82.316 χ^2 /NDF: 18.1/22

All: 191.365 $\pm$ 60.816 χ^2 /NDF: 36.6/42

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: 287.515+/-0.130 χ^2/NDF : 1103.4/2

Left: 280.889+/-0.083 χ^2/NDF : 296259.5/7

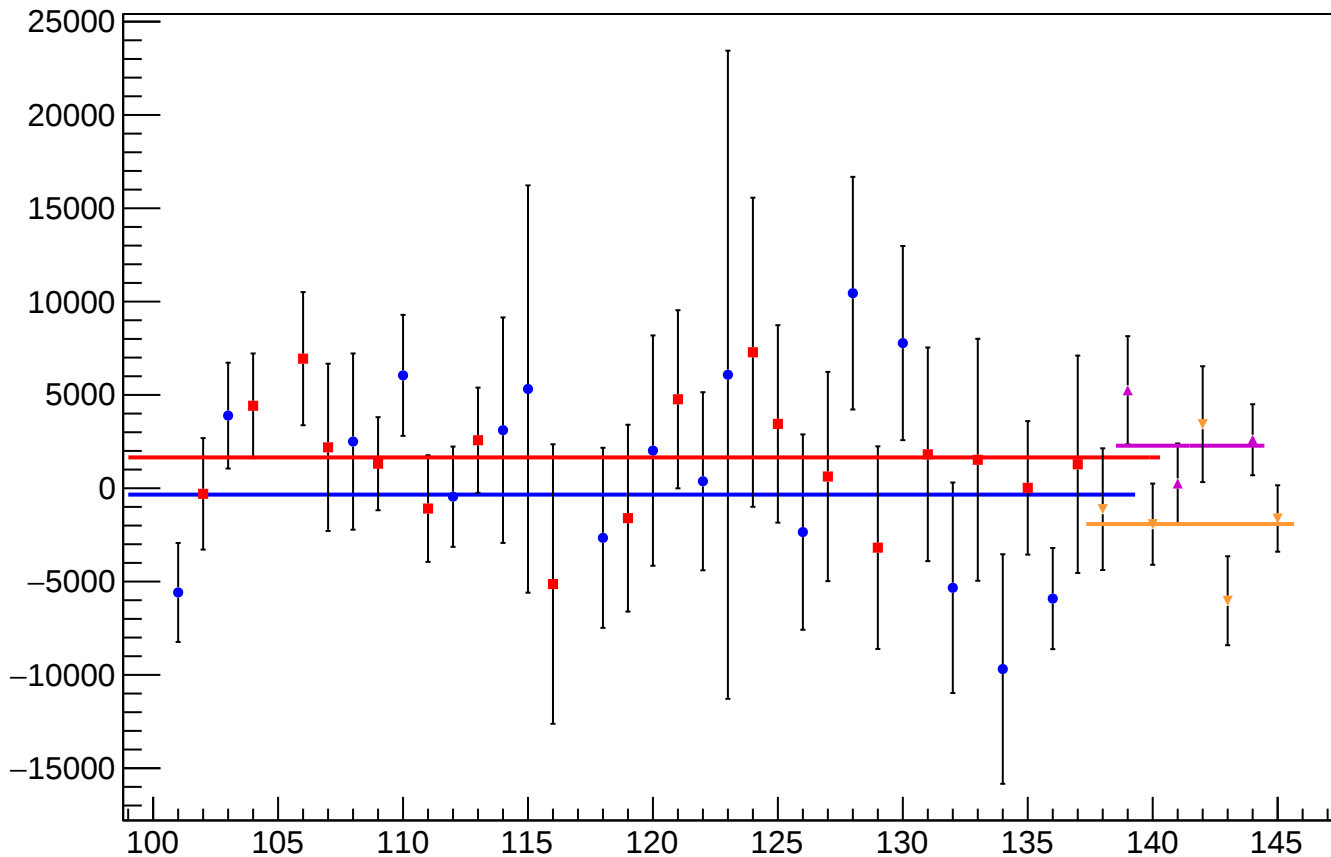
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 268.755+/-0.064 χ^2/NDF : 439978.0/19

Out: 259.194+/-0.058 χ^2/NDF : 842071.7/22

All: 263.536+/-0.043 χ^2/NDF : 1294304.4/42

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -1919.474 ± 1053.350 $\chi^2/\text{NDF}: 6.0/4$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 2278.856 ± 1276.838 $\chi^2/\text{NDF}: 2.0/2$

Left: -219.299 ± 812.539 $\chi^2/\text{NDF}: 14.4/7$

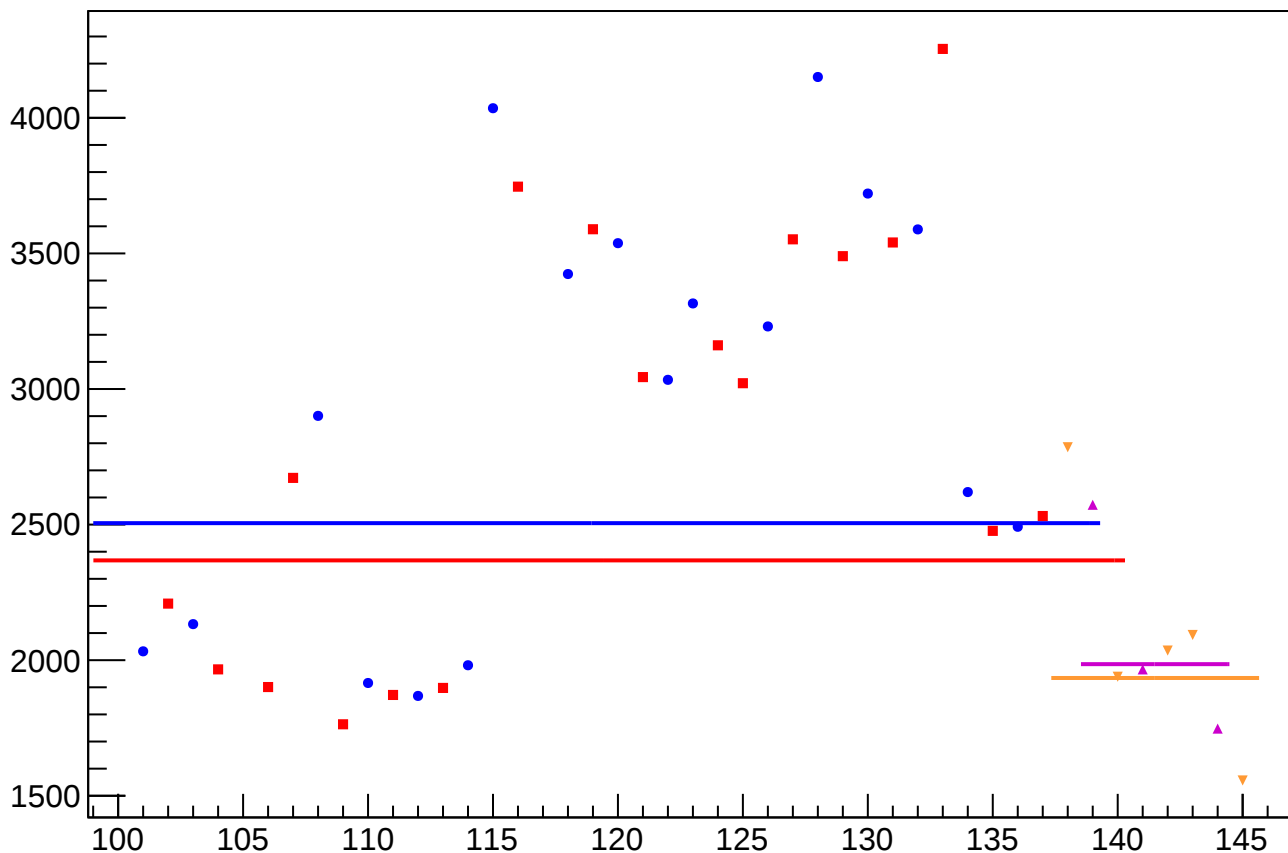
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 660.407 ± 789.540 $\chi^2/\text{NDF}: 29.0/19$

Out: 87.771 ± 697.101 $\chi^2/\text{NDF}: 20.4/22$

All: 338.619 ± 522.566 $\chi^2/\text{NDF}: 49.7/42$

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: 1985.364+/-0.903 χ^2/NDF : 113560.8/2

Left: 1955.013+/-0.575 χ^2/NDF : 352879.2/7

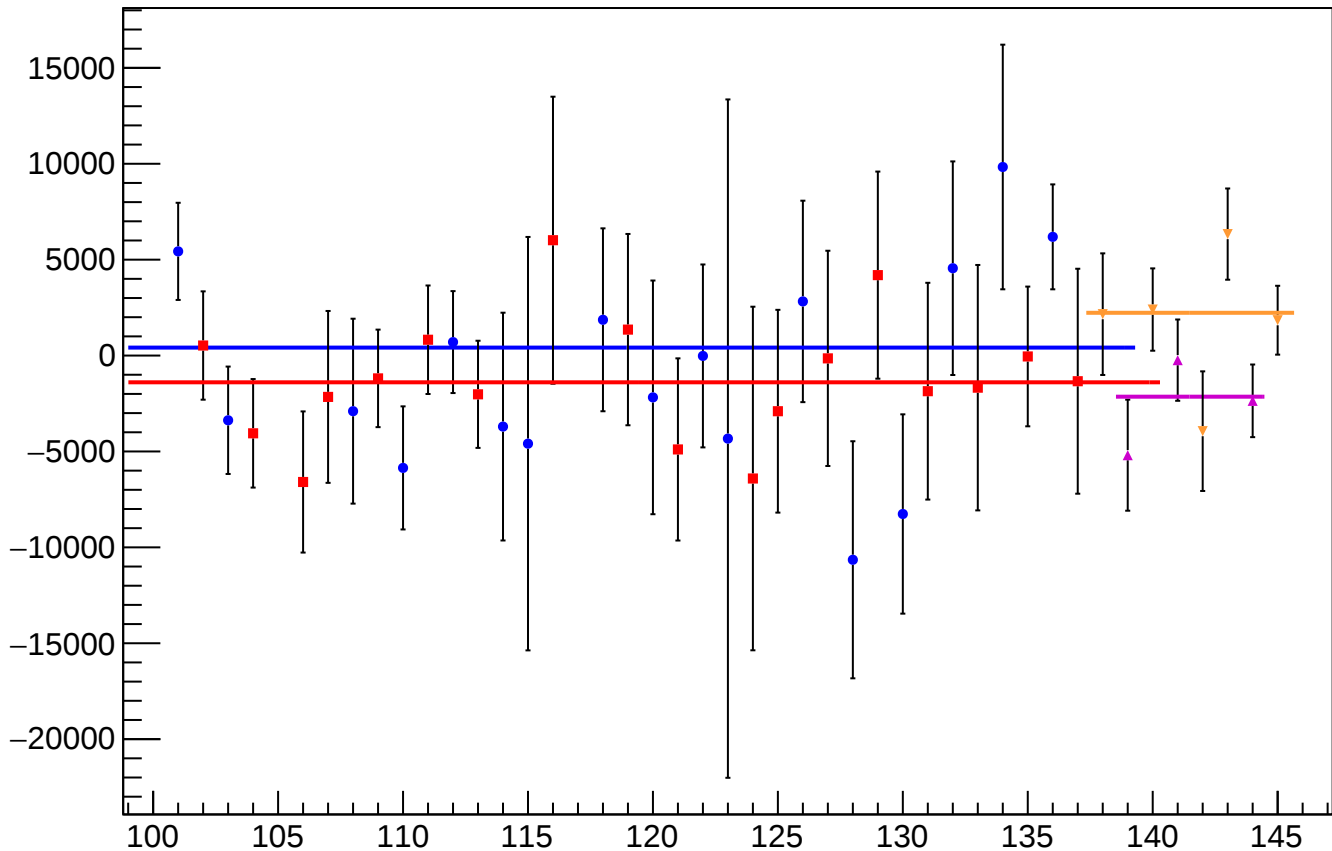
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2306.513+/-0.558 χ^2/NDF : 1182546.4/19

Out: 2178.078+/-0.493 χ^2/NDF : 1458807.5/22

All: 2234.340+/-0.370 χ^2/NDF : 2671093.6/42

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: -2144.103+/-1269.129 χ^2/NDF : 1.9/2

Left: 451.878+/-809.170 χ^2/NDF : 15.9/7

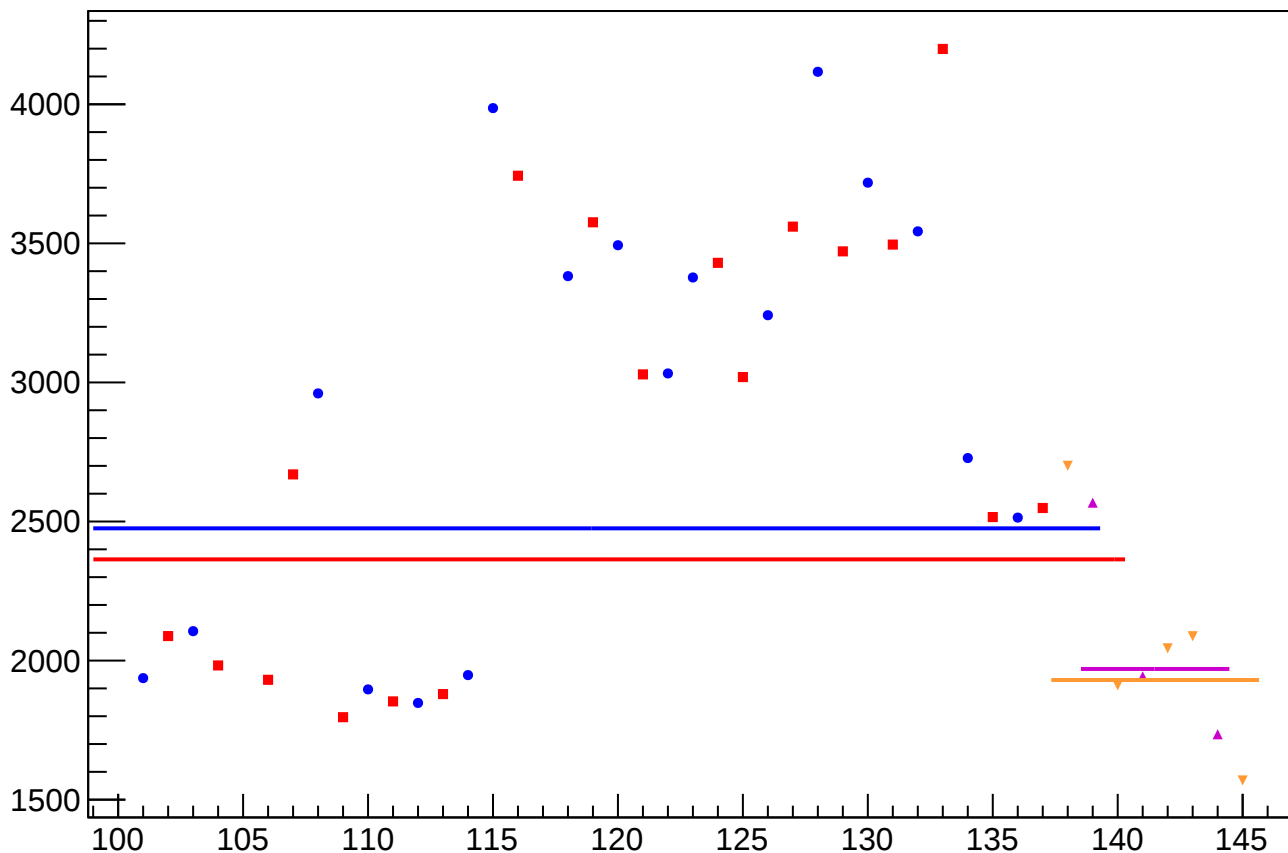
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -558.739+/-782.995 χ^2/NDF : 29.0/19

Out: 196.268+/-695.866 χ^2/NDF : 21.2/22

All: -136.907+/-520.139 χ^2/NDF : 50.6/42

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: 1969.925+/-0.897 χ^2/NDF : 116371.2/2

Left: 1946.313+/-0.572 χ^2/NDF : 328087.8/7

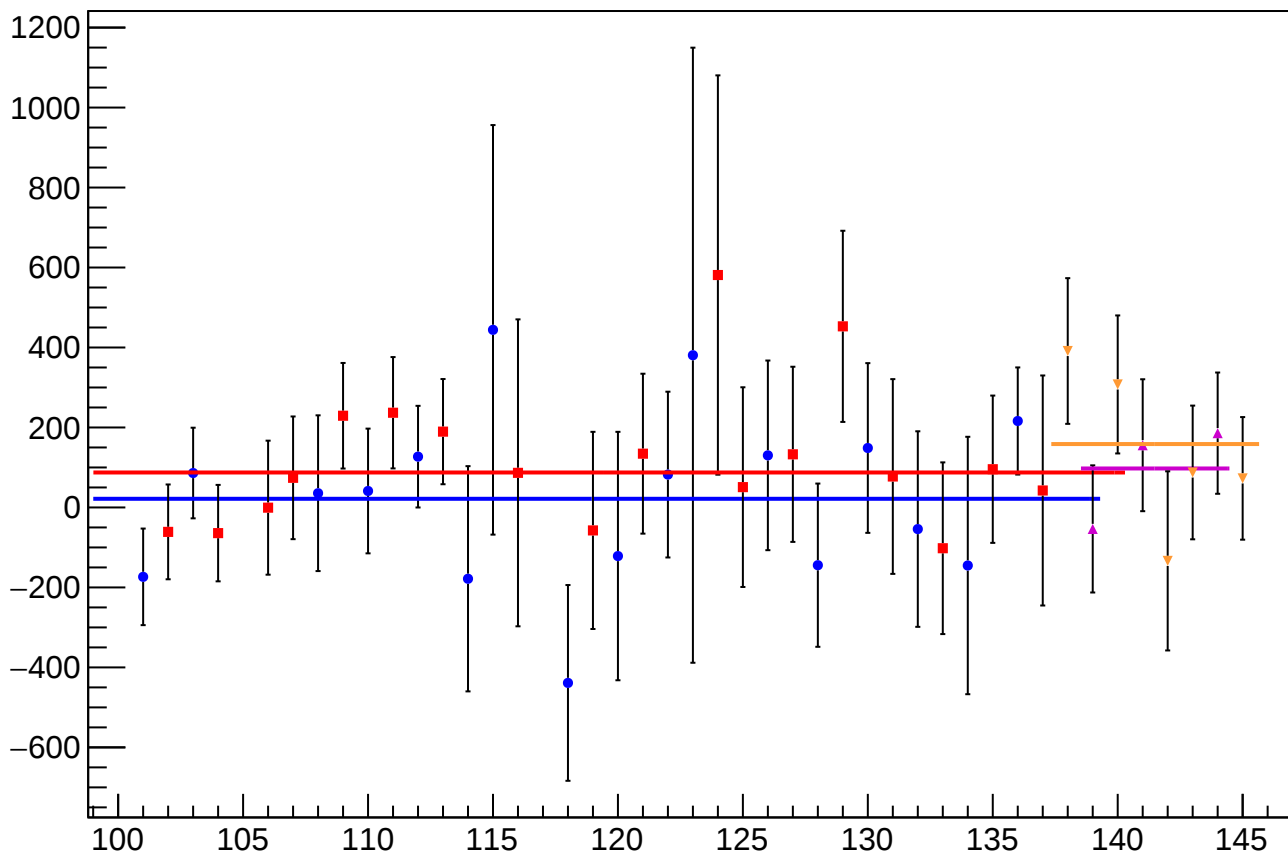
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2283.021+/-0.554 χ^2/NDF : 1225973.2/19

Out: 2173.517+/-0.492 χ^2/NDF : 1428808.2/22

All: 2221.840+/-0.368 χ^2/NDF : 2676636.7/42

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649+/-45.157 χ^2/NDF : 12.6/16

Left Out: 158.541+/-78.571 χ^2/NDF : 4.6/4

Right Out: 87.439+/-41.826 χ^2/NDF : 10.9/17

Left In: 97.453+/-91.352 χ^2/NDF : 1.4/2

Left: 132.566+/-59.569 χ^2/NDF : 6.2/7

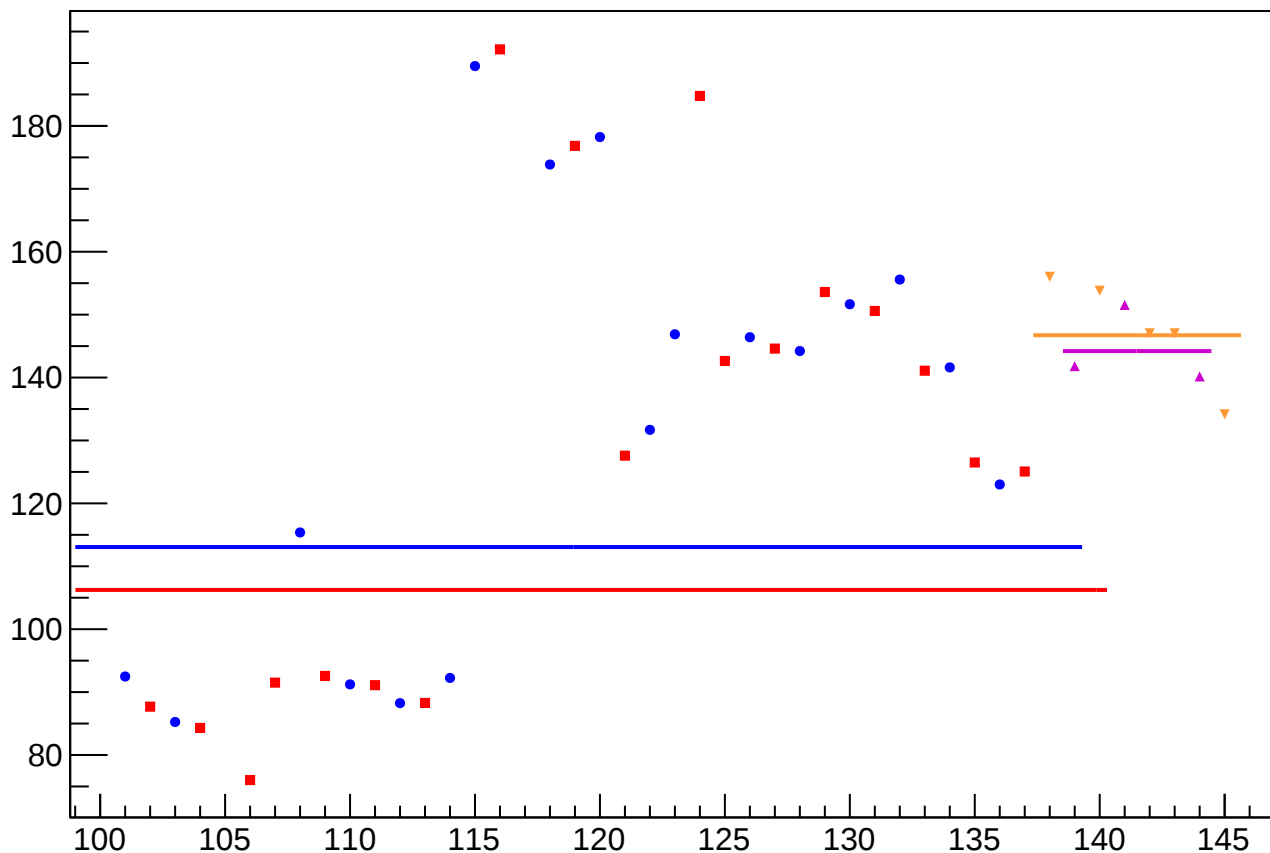
Right: 57.059+/-30.686 χ^2/NDF : 24.7/34

In: 36.534+/-40.481 χ^2/NDF : 14.5/19

Out: 103.139+/-36.921 χ^2/NDF : 16.1/22

All: 72.893+/-27.279 χ^2/NDF : 32.1/42

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 146.727+/-0.056 χ^2/NDF :22027.3/4

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 144.211+/-0.065 χ^2/NDF :5817.3/2

Left: 145.657+/-0.042 χ^2/NDF : 28716.7/7

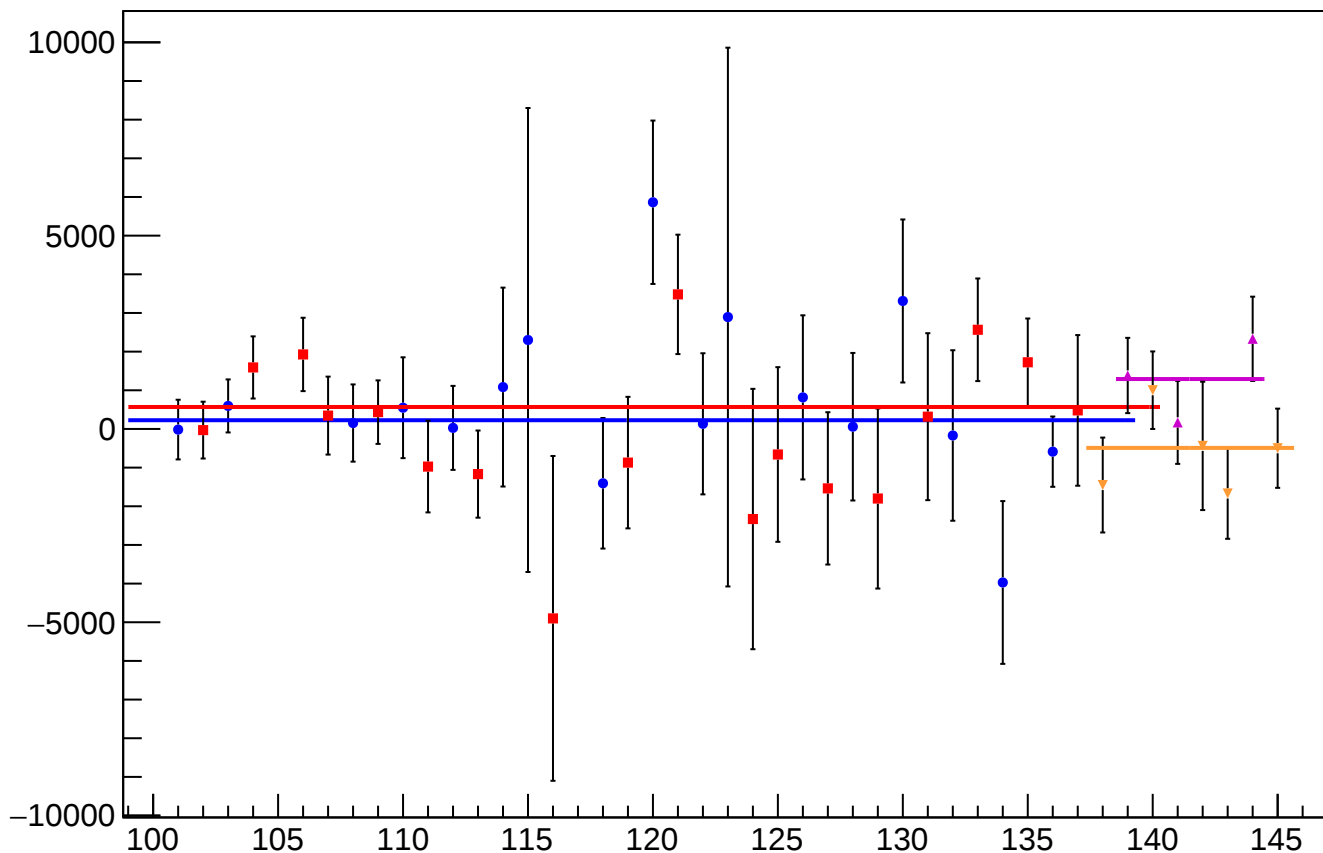
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 119.176+/-0.029 χ^2/NDF :1013524.1/19

Out: 115.180+/-0.026 χ^2/NDF :1387521.5/22

All: 116.995+/-0.019 χ^2/NDF : 2411684.1/42

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -489.989+/-519.800 χ^2/NDF : 3.8/4

Right Out: 568.109+/-290.500 χ^2/NDF : 21.0/17

Left In: 1291.039+/-601.249 χ^2/NDF : 2.0/2

Left: 271.805+/-393.222 χ^2/NDF : 10.9/7

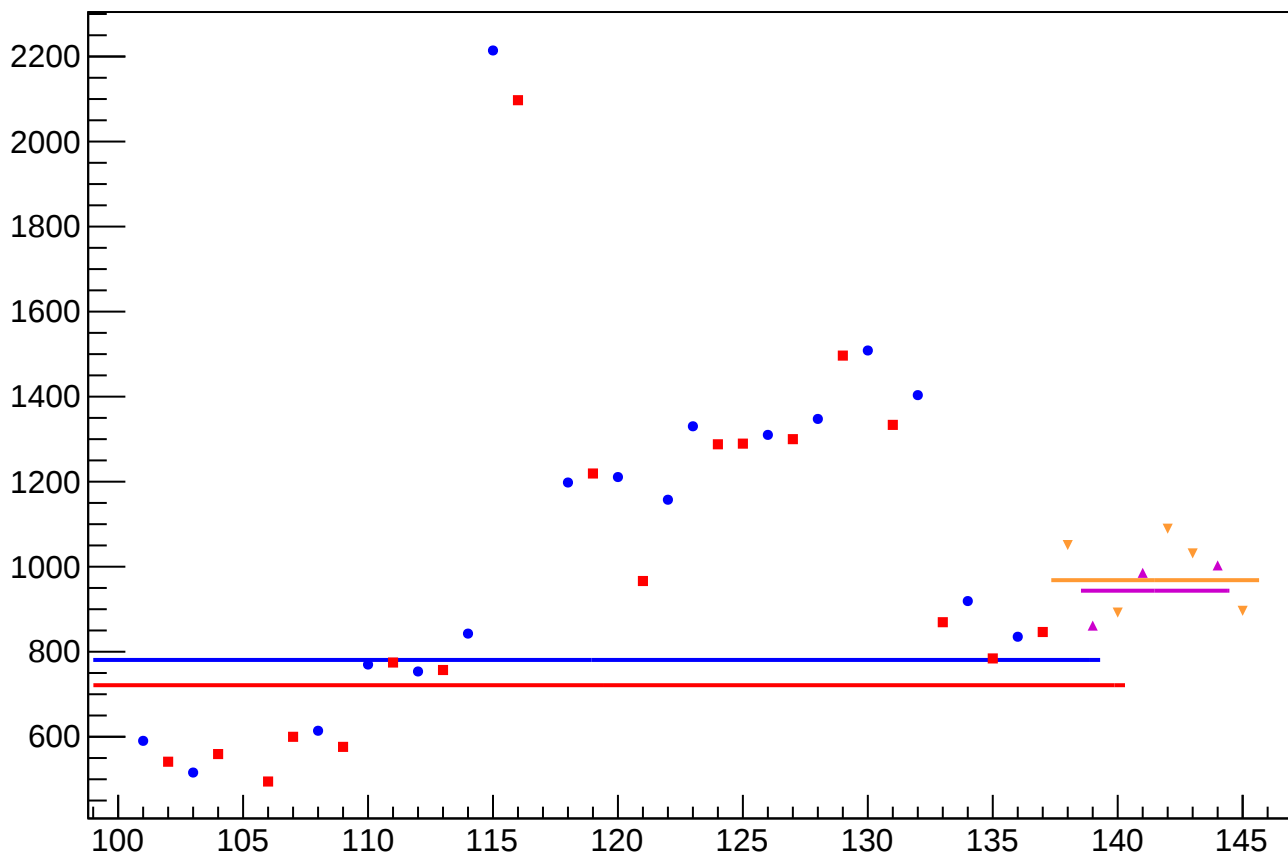
Right: 414.129+/-215.517 χ^2/NDF : 37.6/34

In: 462.426+/-283.453 χ^2/NDF : 20.4/19

Out: 316.283+/-253.585 χ^2/NDF : 28.0/22

All: 381.252+/-188.992 χ^2/NDF : 48.5/42

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 968.320 $\pm$ 0.368 χ^2 /NDF:46921.6/4

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 943.564 $\pm$ 0.425 χ^2 /NDF:23245.0/2

Left: 957.731 $\pm$ 0.278 χ^2 /NDF: 72106.9/7

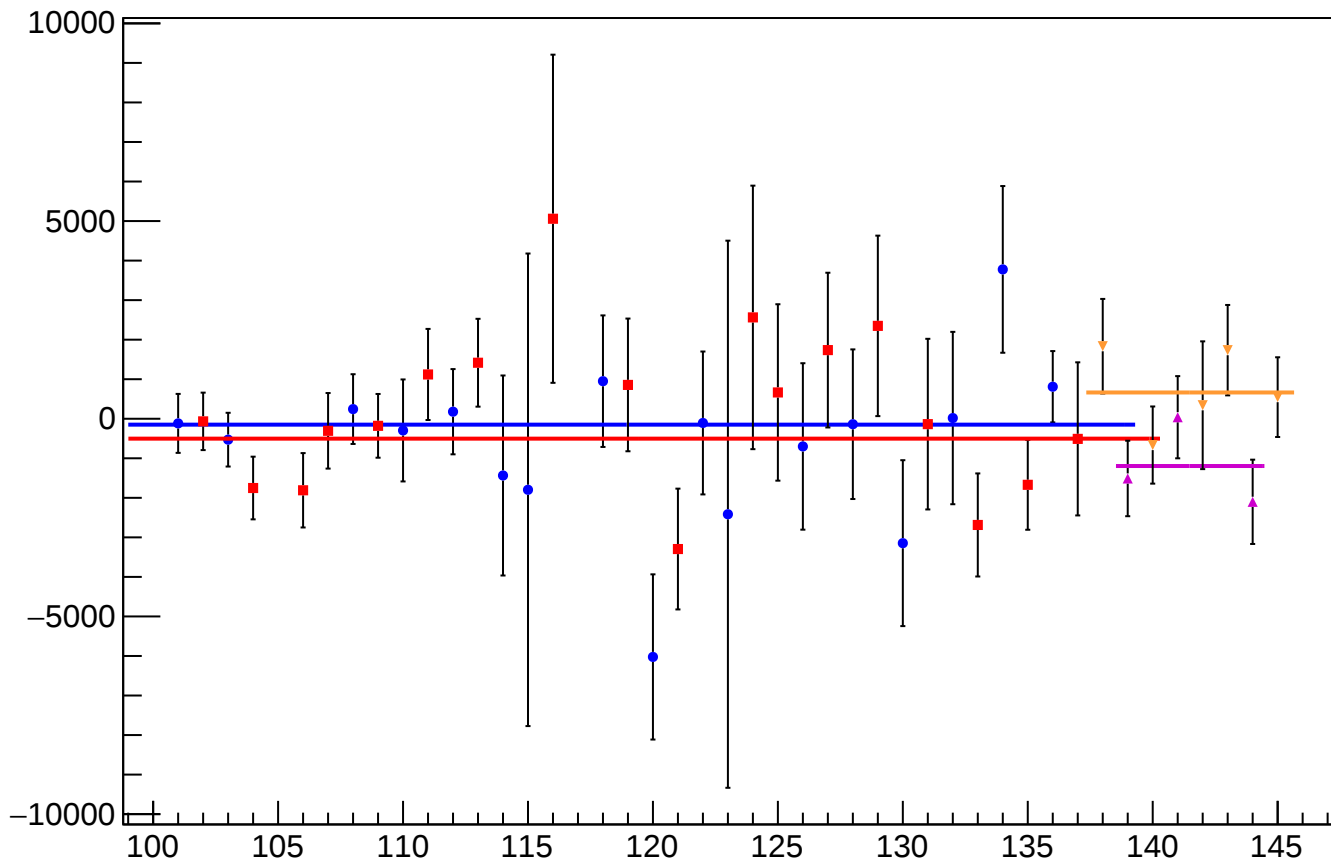
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 816.897 $\pm$ 0.200 χ^2 /NDF:1746887.6/19

Out: 780.063 $\pm$ 0.179 χ^2 /NDF:2017823.9/22

All: 796.438 $\pm$ 0.134 χ^2 /NDF: 3783471.1/42

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: -1195.438+/-586.863 χ^2/NDF : 2.2/2

Left: -131.383+/-383.905 χ^2/NDF : 11.7/7

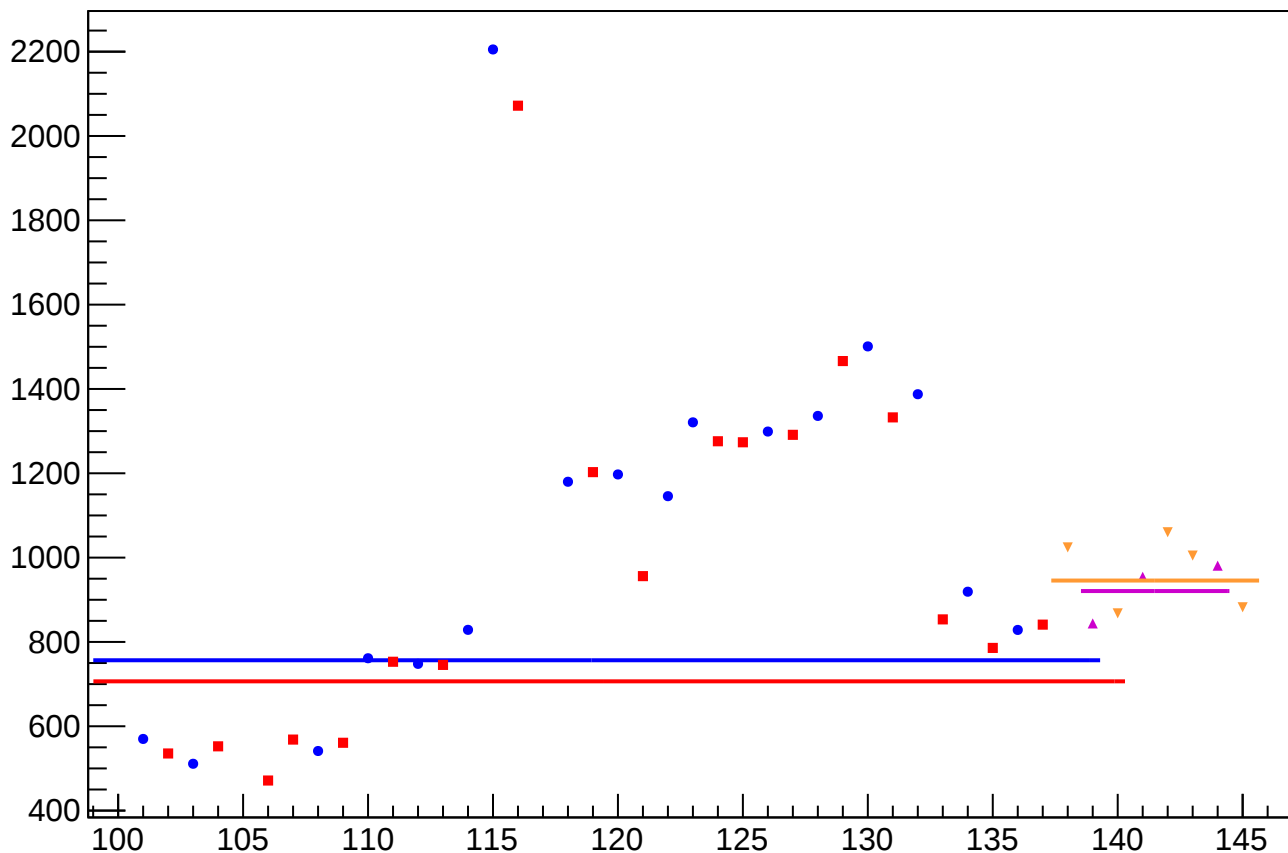
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -380.829+/-276.150 χ^2/NDF : 20.8/19

Out: -222.086+/-249.023 χ^2/NDF : 31.4/22

All: -293.279+/-184.935 χ^2/NDF : 52.4/42

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: 920.699+/-0.415 χ^2/NDF : 21458.5/2

Left: 934.950+/-0.271 χ^2/NDF : 68215.4/7

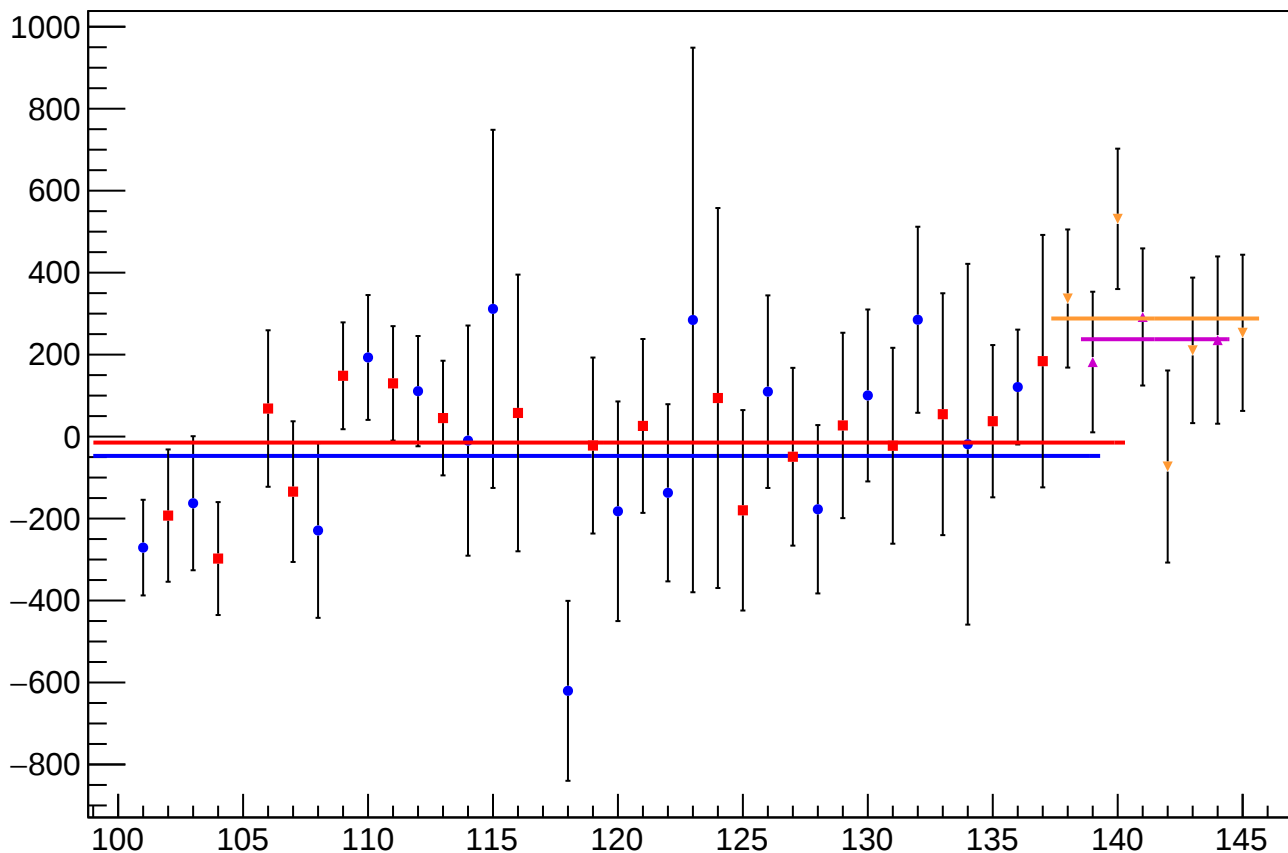
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 792.887+/-0.195 χ^2/NDF : 1856942.8/19

Out: 764.092+/-0.176 χ^2/NDF : 2051570.6/22

All: 777.006+/-0.131 χ^2/NDF : 3920506.3/42

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: 237.551 $\pm$ 103.293 χ^2/NDF : 0.2/2

Left: 268.411 $\pm$ 64.480 χ^2/NDF : 5.1/7

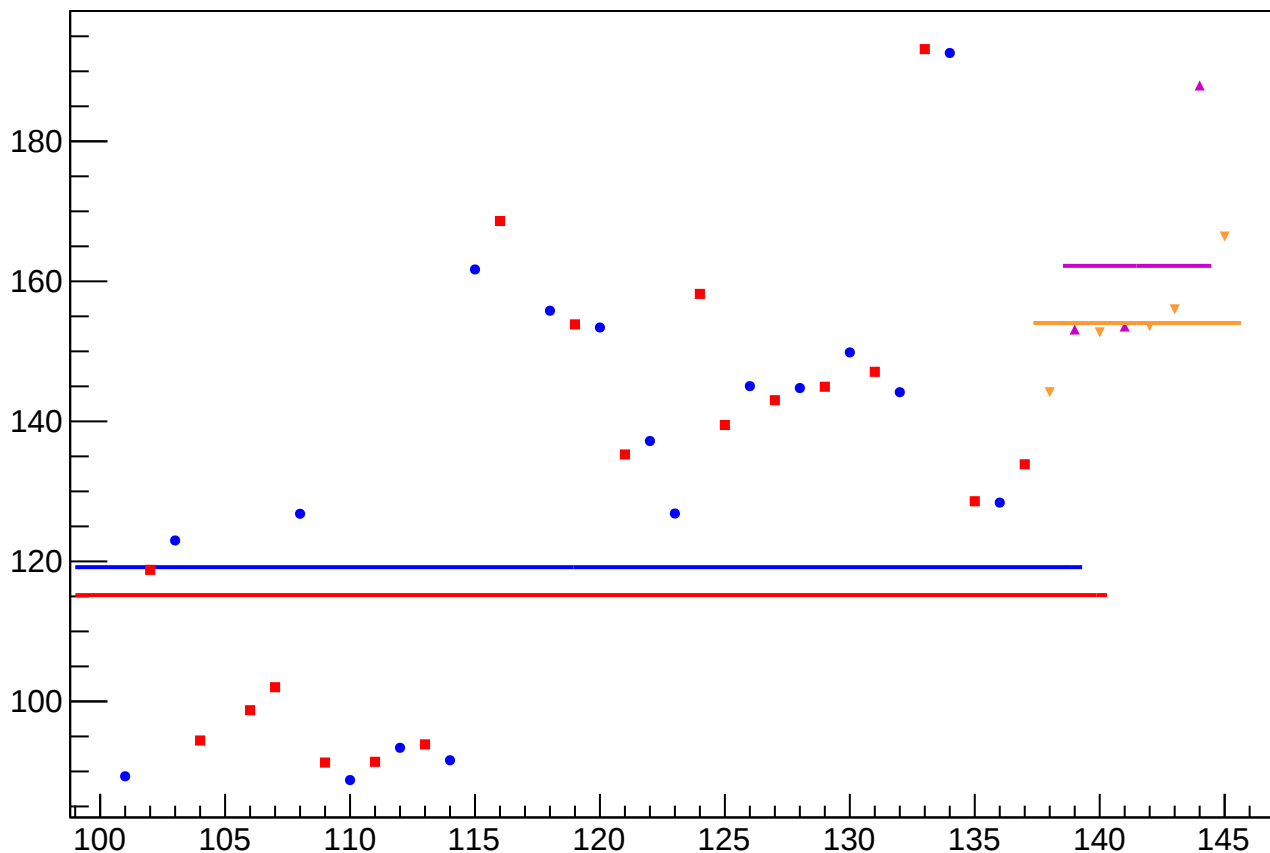
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 2.141 $\pm$ 42.982 χ^2/NDF : 28.4/19

Out: 54.391 $\pm$ 39.407 χ^2/NDF : 25.2/22

All: 30.528 $\pm$ 29.047 χ^2/NDF : 54.4/42

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: 162.212 $\pm$ 0.073 χ^2/NDF :42857.2/2

Left: 157.229 $\pm$ 0.046 χ^2/NDF : 66142.5/7

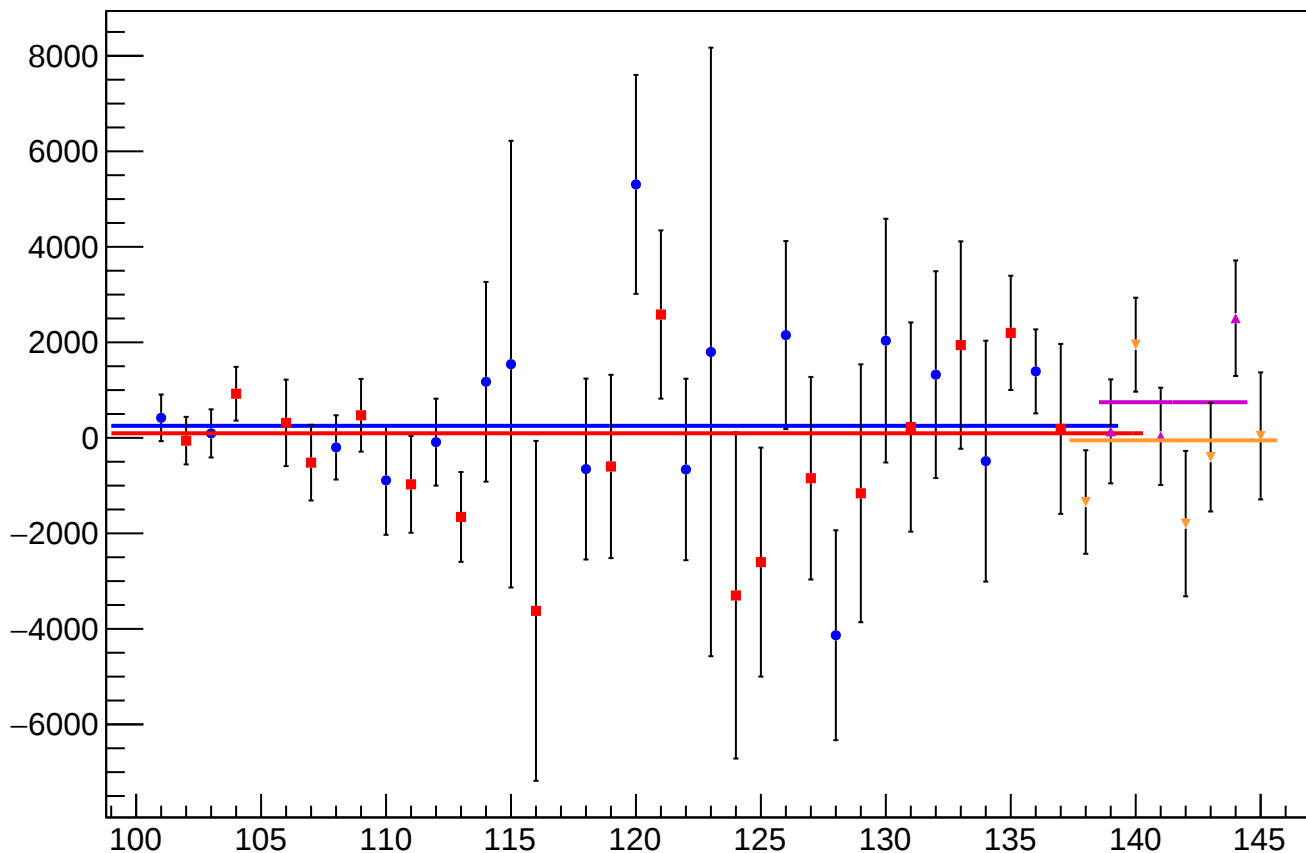
Right: 117.077 $\pm$ 0.023 χ^2/NDF : 1298359.0/34

In: 126.627 $\pm$ 0.030 χ^2/NDF :945229.5/19

Out: 124.046 $\pm$ 0.028 χ^2/NDF :1033506.8/22

All: 125.225 $\pm$ 0.021 χ^2/NDF : 1982654.3/42

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: 746.304 $\pm$ 633.699 χ^2/NDF : 2.9/2

Left: 271.349 $\pm$ 403.482 χ^2/NDF : 10.8/7

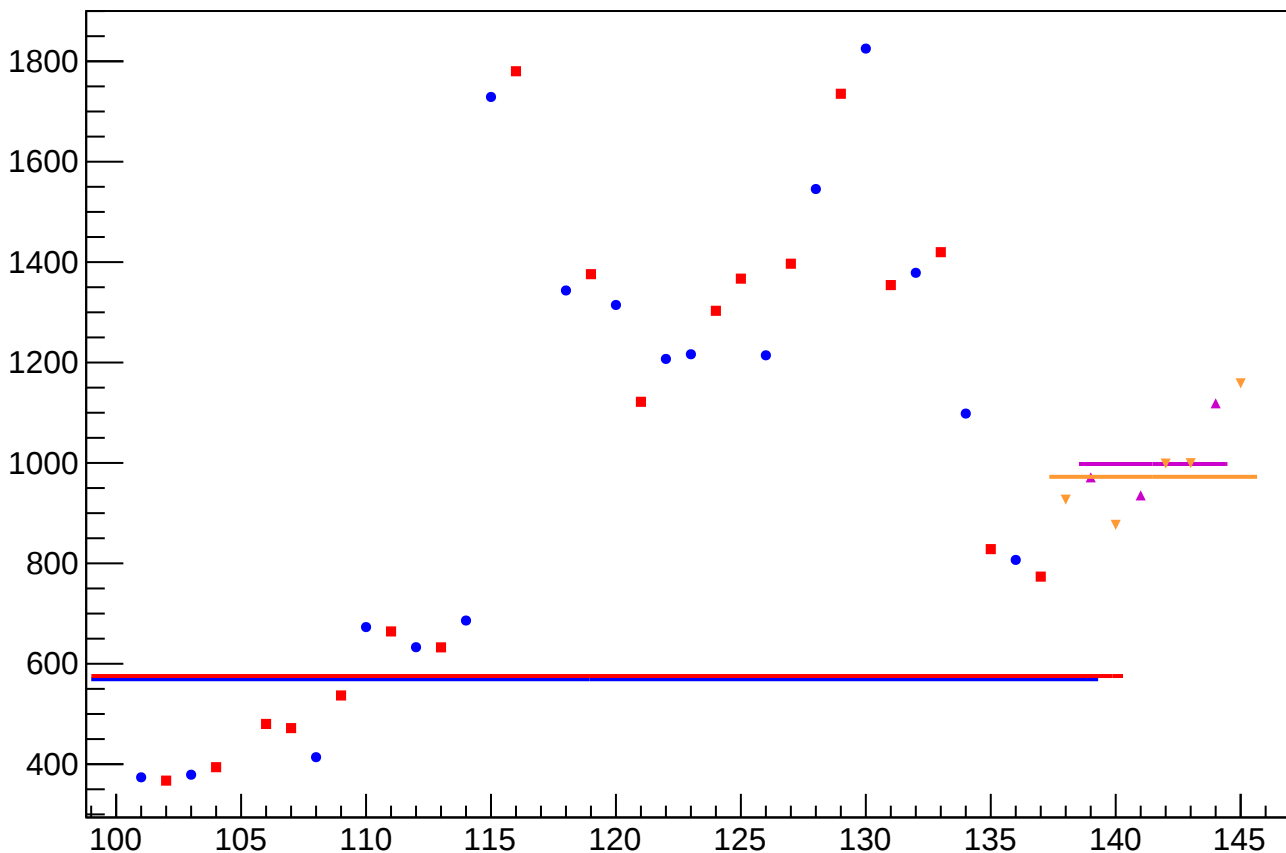
Right: 171.557 $\pm$ 176.217 χ^2/NDF : 32.5/34

In: 319.643 $\pm$ 234.821 χ^2/NDF : 18.3/19

Out: 69.009 $\pm$ 222.437 χ^2/NDF : 24.5/22

All: 187.543 $\pm$ 161.487 χ^2/NDF : 43.4/42

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: 997.916 $\pm$ 0.448 χ^2 /NDF: 28705.3/2

Left: 982.723 $\pm$ 0.285 χ^2 /NDF: 93976.1/7

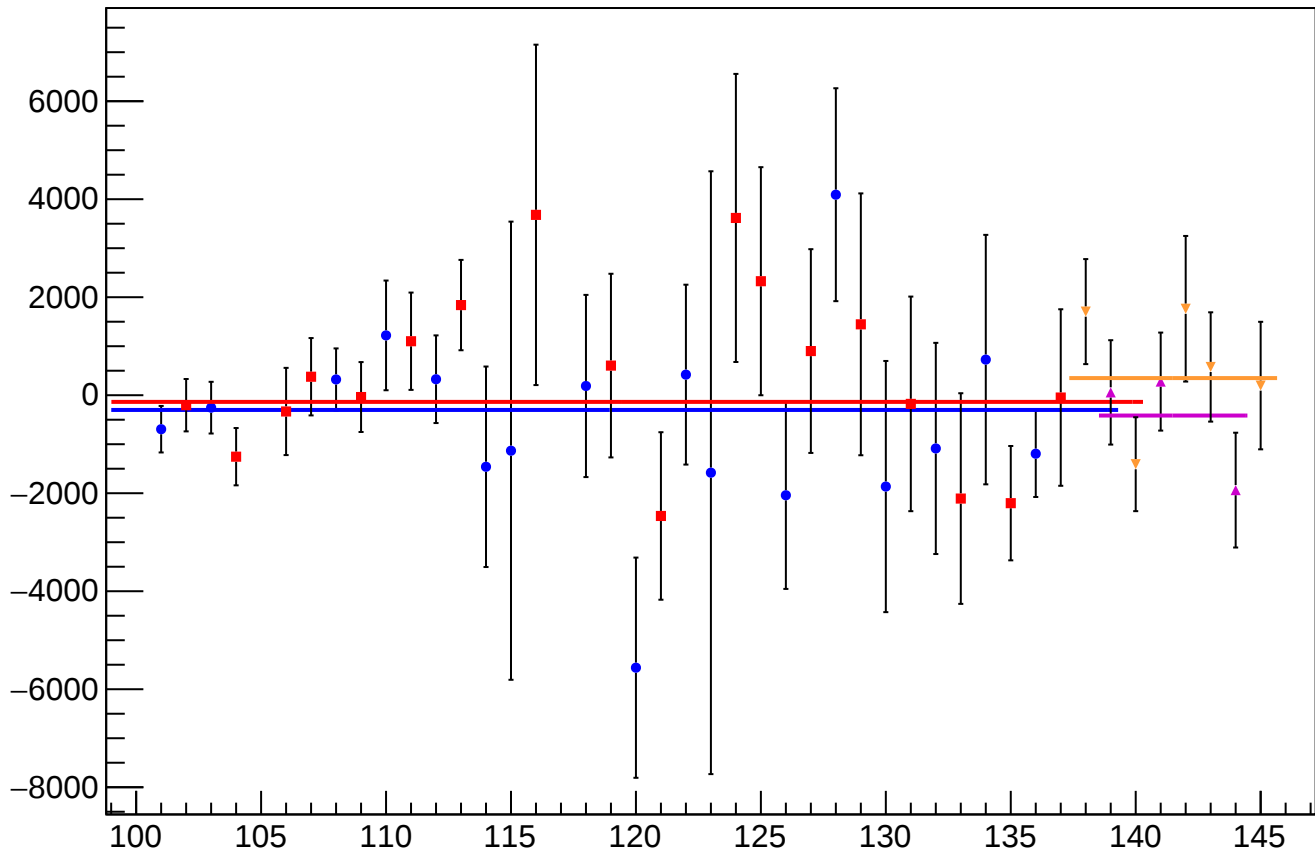
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 628.067 $\pm$ 0.166 χ^2 /NDF: 4085445.3/19

Out: 647.288 $\pm$ 0.157 χ^2 /NDF: 4063814.0/22

All: 638.198 $\pm$ 0.114 χ^2 /NDF: 8156321.4/42

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: 349.645 ± 512.500 χ^2/NDF : 5.9/4

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: -414.752 ± 619.004 χ^2/NDF : 2.4/2

Left: 38.764 ± 394.758 χ^2/NDF : 9.2/7

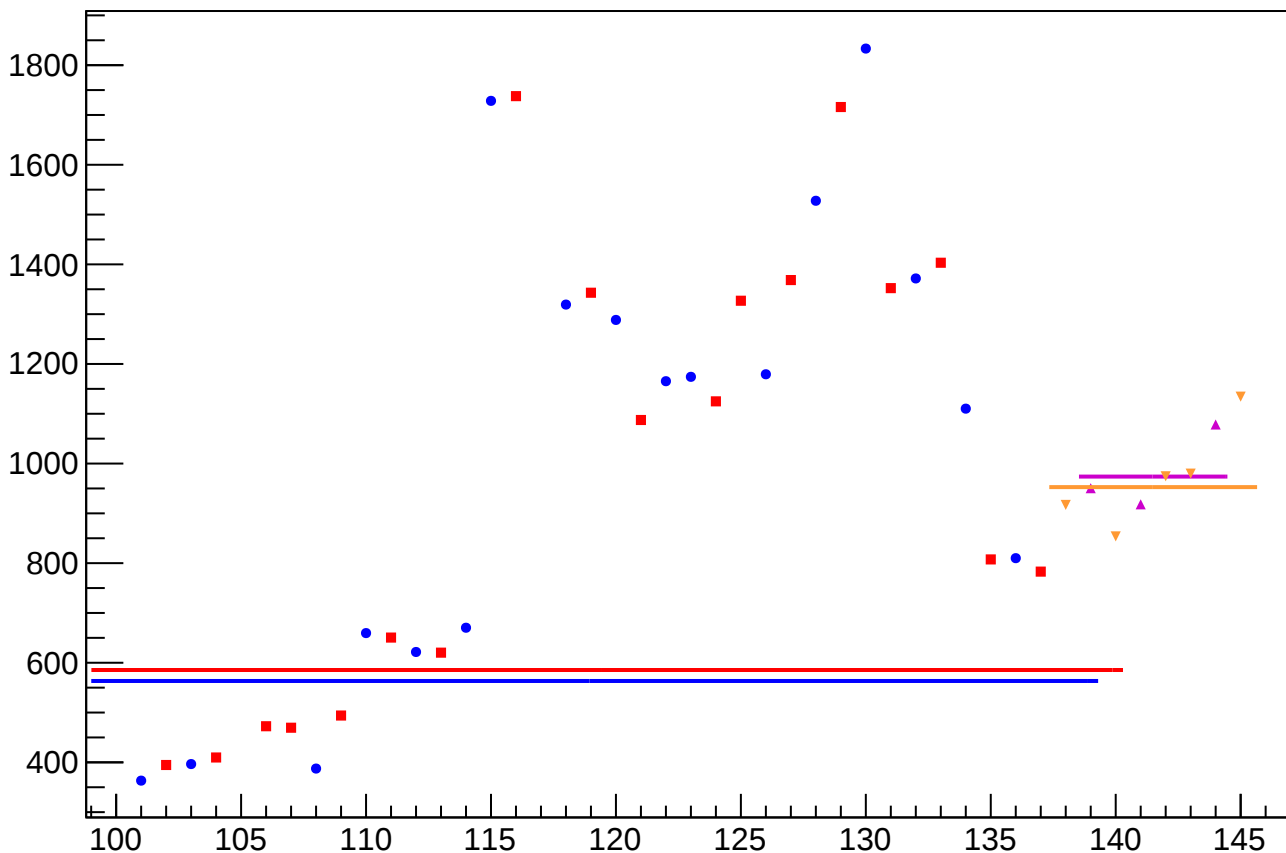
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -316.687 ± 232.049 χ^2/NDF : 19.1/19

Out: -44.129 ± 223.012 χ^2/NDF : 27.5/22

All: -174.997 ± 160.793 χ^2/NDF : 47.3/42

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: 973.845+/-0.438 χ^2/NDF : 23105.9/2

Left: 961.296+/-0.279 χ^2/NDF : 88634.8/7

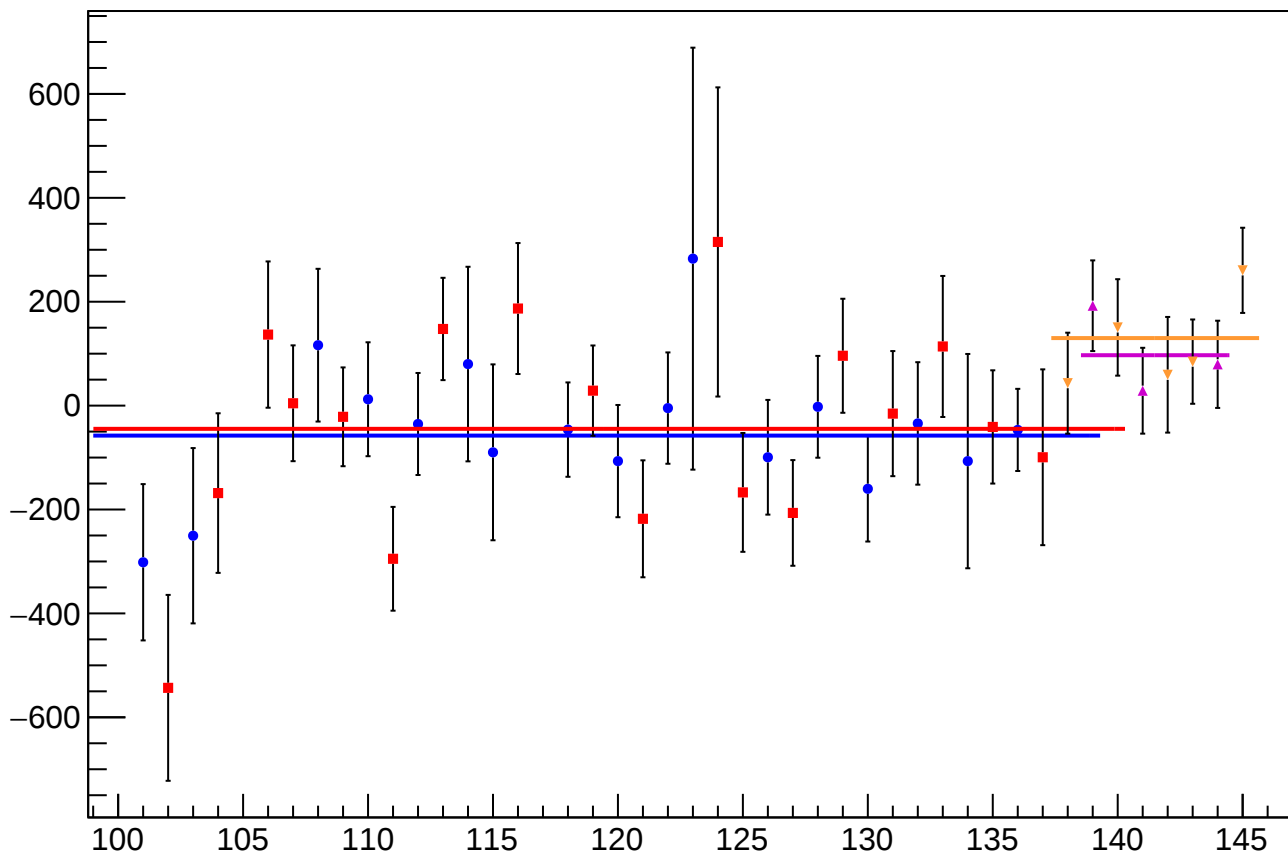
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 621.075+/-0.164 χ^2/NDF : 4037935.7/19

Out: 654.979+/-0.158 χ^2/NDF : 3714835.7/22

All: 638.700+/-0.114 χ^2/NDF : 7774966.3/42

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: 97.032 ± 48.815 $\chi^2/\text{NDF}: 1.9/2$

Left: 116.483 ± 31.267 $\chi^2/\text{NDF}: 6.3/7$

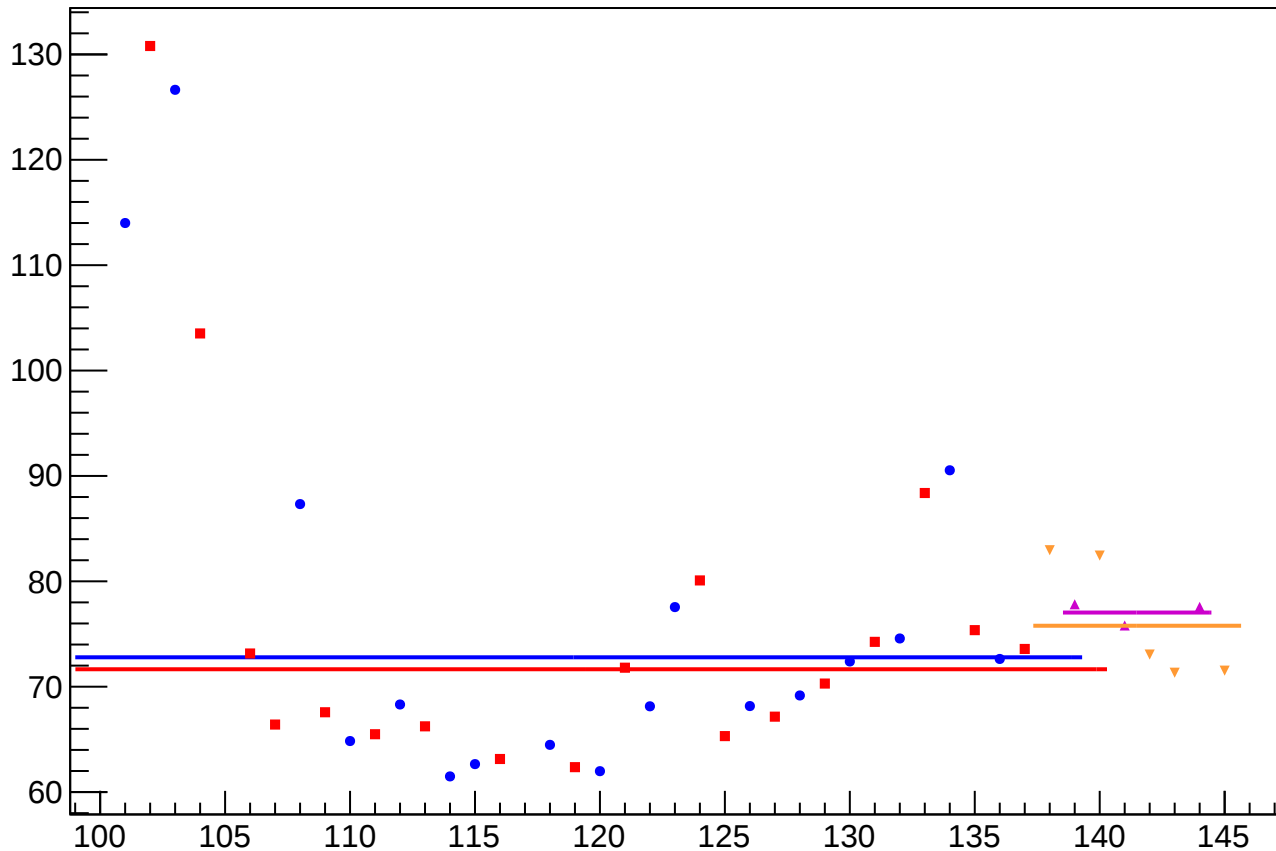
Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$

In: -17.974 ± 24.736 $\chi^2/\text{NDF}: 18.5/19$

Out: 10.616 ± 22.909 $\chi^2/\text{NDF}: 51.9/22$

All: -2.584 ± 16.808 $\chi^2/\text{NDF}: 71.1/42$

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: 77.037 $\pm$ 0.035 χ^2 /NDF:685.0/2

Left: 76.298 $\pm$ 0.022 χ^2 /NDF: 35271.1/7

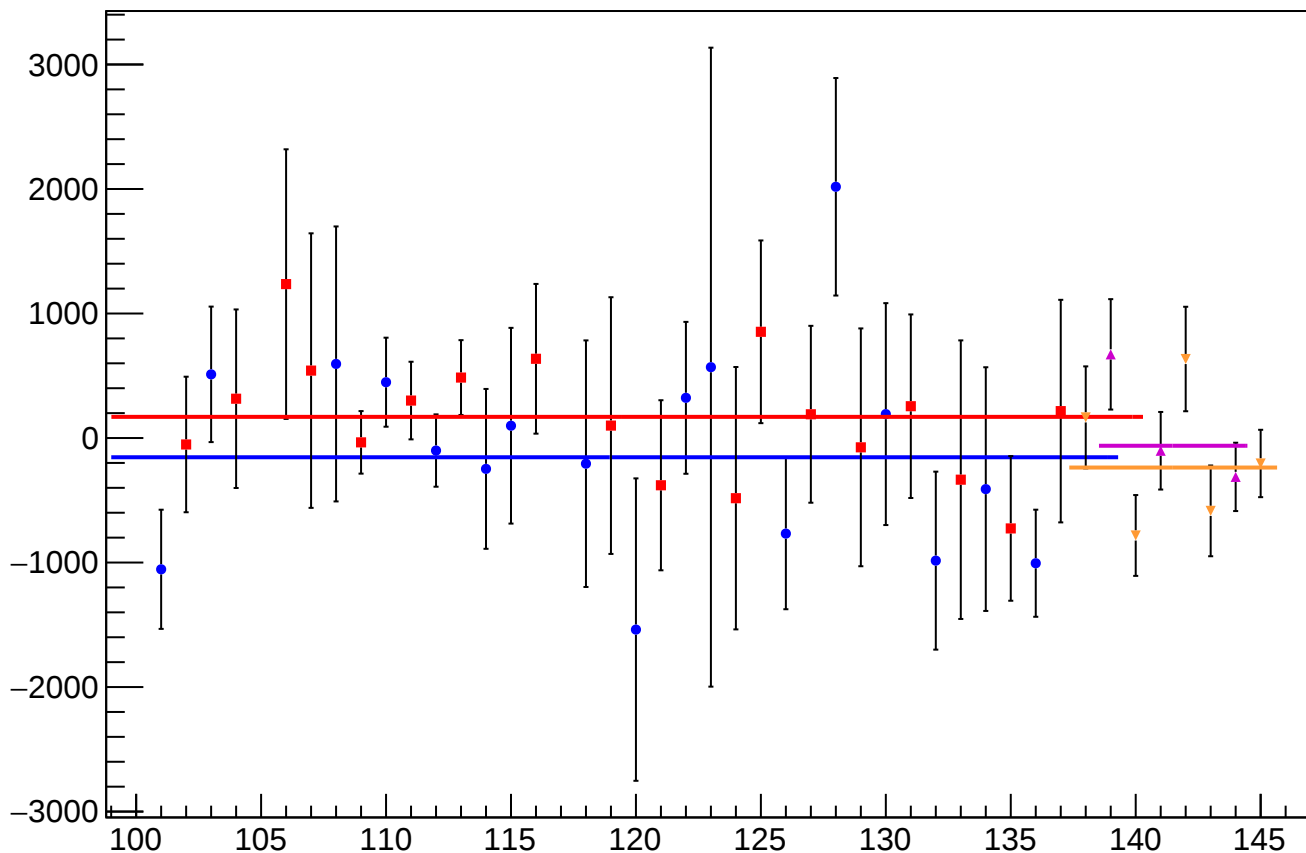
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 73.880 $\pm$ 0.017 χ^2 /NDF:476709.7/19

Out: 72.962 $\pm$ 0.016 χ^2 /NDF:452244.3/22

All: 73.386 $\pm$ 0.012 χ^2 /NDF: 930436.7/42

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -236.995+/-153.711 χ^2/NDF : 9.0/4

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -62.106+/-186.764 χ^2/NDF : 3.6/2

Left: -166.370+/-118.683 χ^2/NDF : 13.1/7

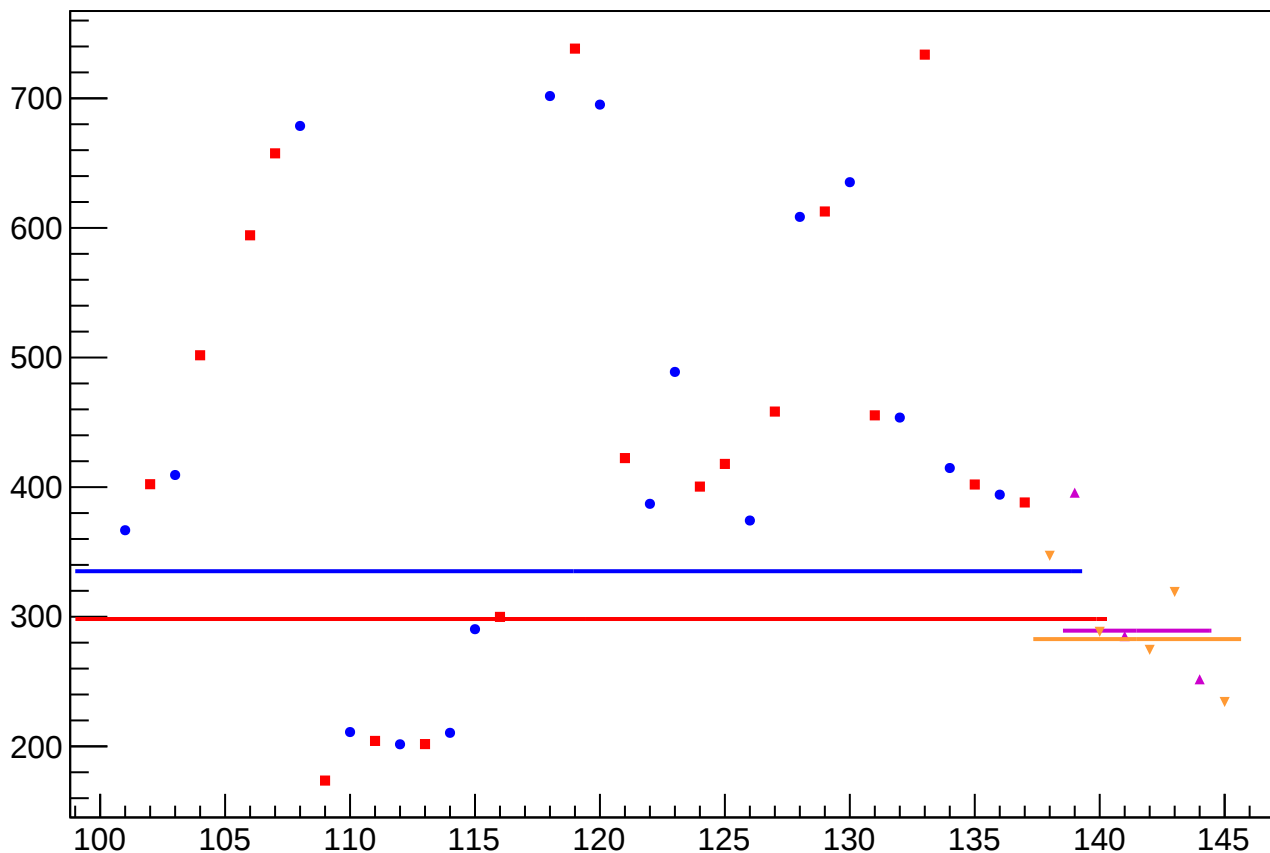
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -120.987+/-112.379 χ^2/NDF : 26.9/19

Out: 6.106+/-97.547 χ^2/NDF : 21.6/22

All: -48.505+/-73.666 χ^2/NDF : 49.3/42

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: 289.264+/-0.132 χ^2/NDF :153075.7/2

Left: 285.385+/-0.084 χ^2/NDF : 289436.8/7

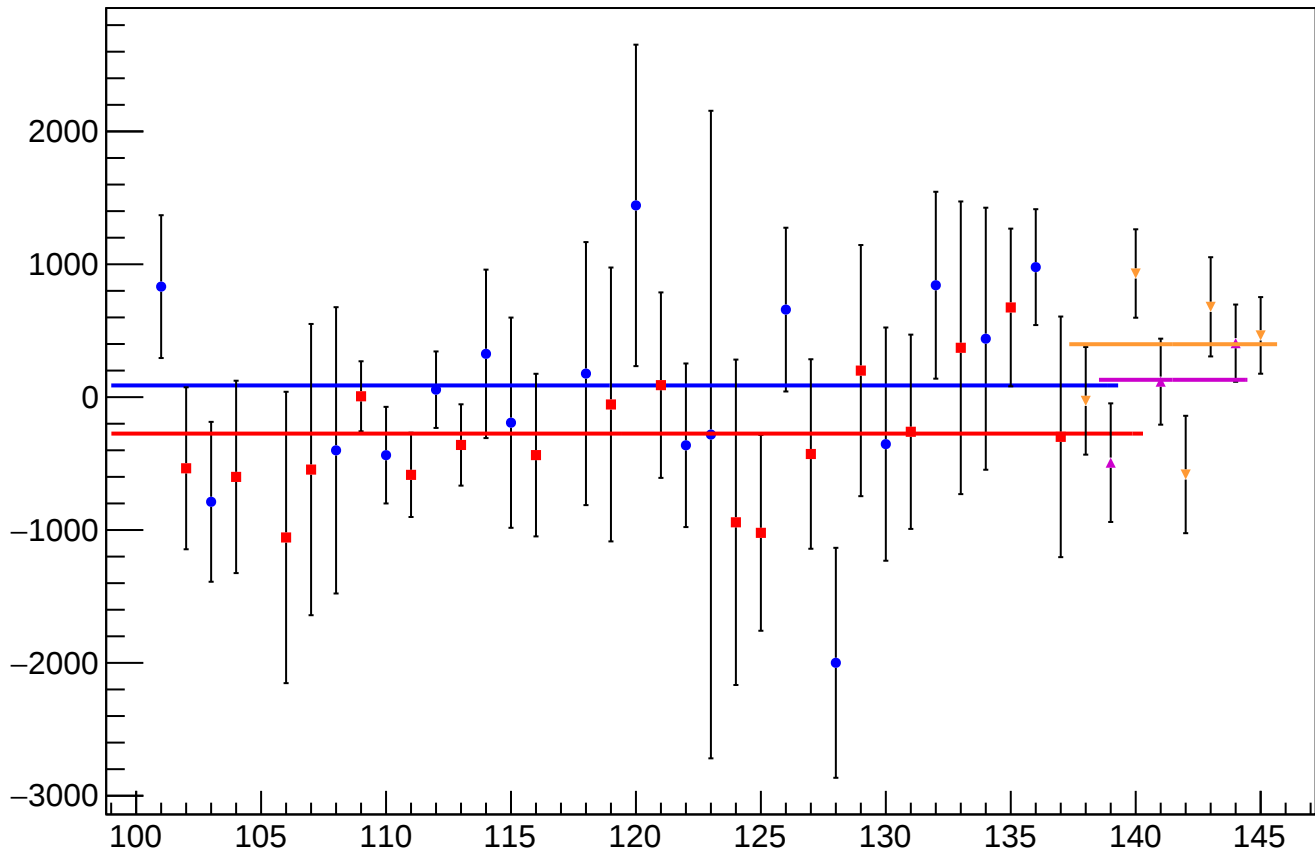
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 318.526+/-0.079 χ^2/NDF :2224084.8/19

Out: 292.012+/-0.069 χ^2/NDF :2923610.6/22

All: 303.405+/-0.052 χ^2/NDF : 5211186.3/42

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: 130.536+/-194.612 χ^2/NDF : 2.9/2

Left: 290.996+/-123.227 χ^2/NDF : 13.2/7

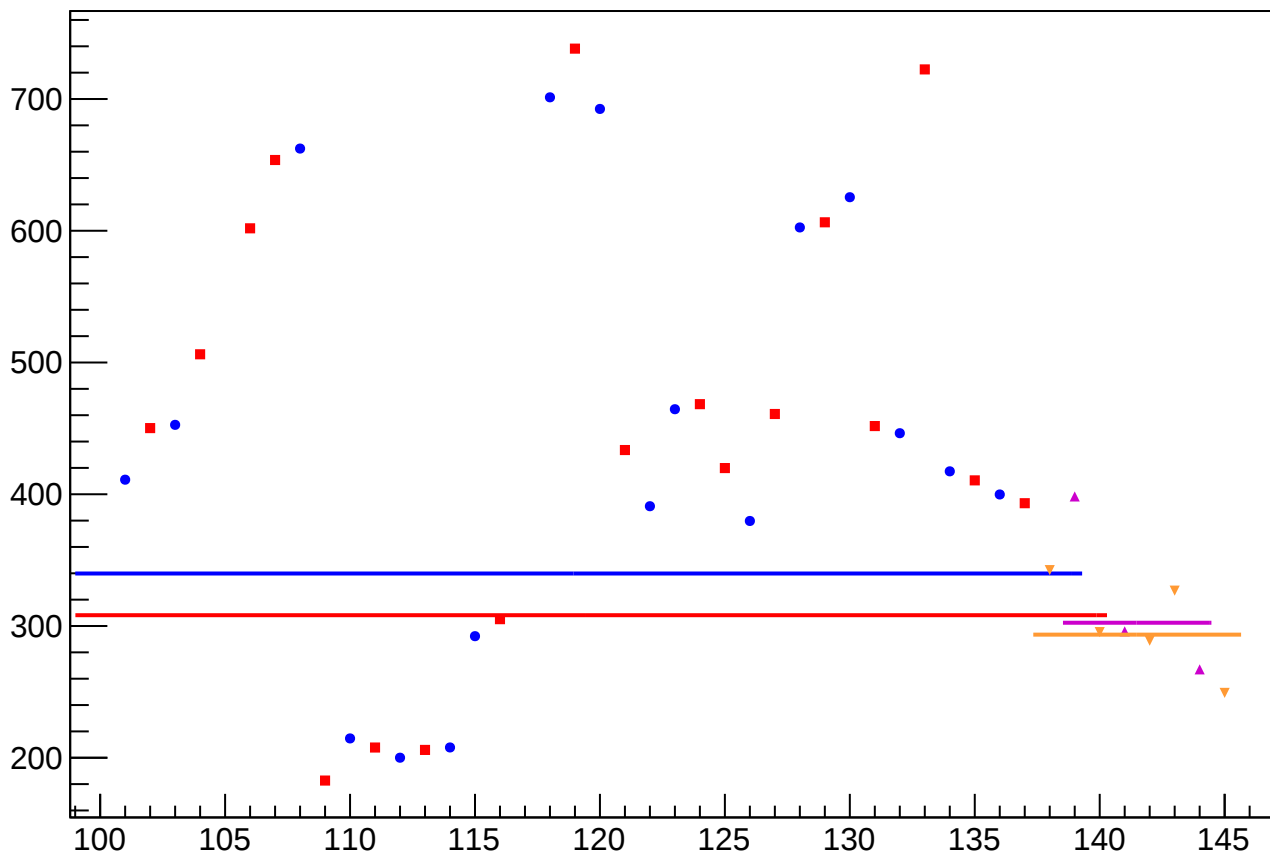
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 102.991+/-115.245 χ^2/NDF : 23.7/19

Out: -5.568+/-100.634 χ^2/NDF : 28.0/22

All: 41.397+/-75.802 χ^2/NDF : 52.2/42

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: 302.477+/-0.138 χ^2/NDF : 122703.0/2

Left: 297.068+/-0.087 χ^2/NDF : 217818.5/7

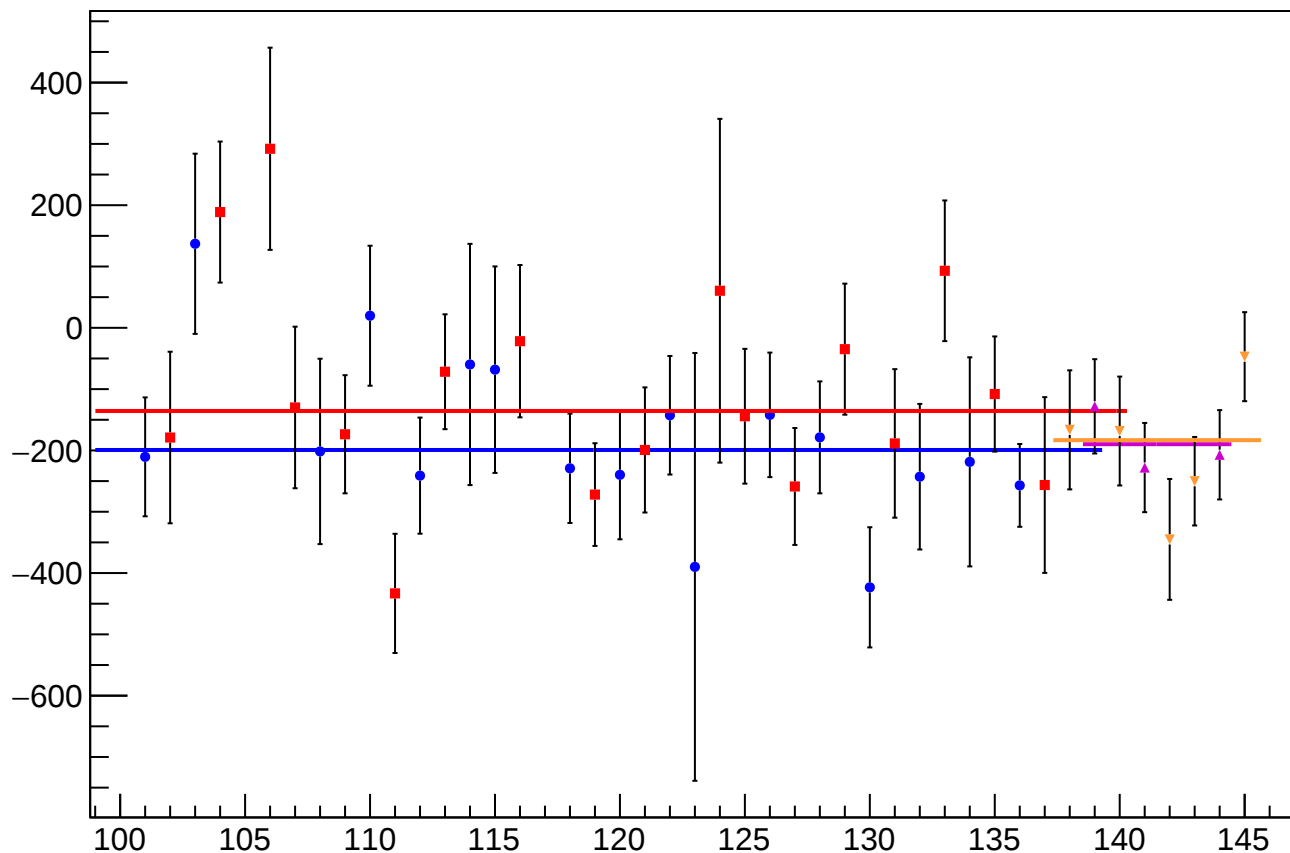
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 326.744+/-0.081 χ^2/NDF : 2214117.9/19

Out: 302.305+/-0.071 χ^2/NDF : 2801674.8/22

All: 312.878+/-0.054 χ^2/NDF : 5066820.6/42

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: -189.817 ± 42.786 $\chi^2/\text{NDF}: 1.0/2$

Left: -186.089 ± 28.131 $\chi^2/\text{NDF}: 8.1/7$

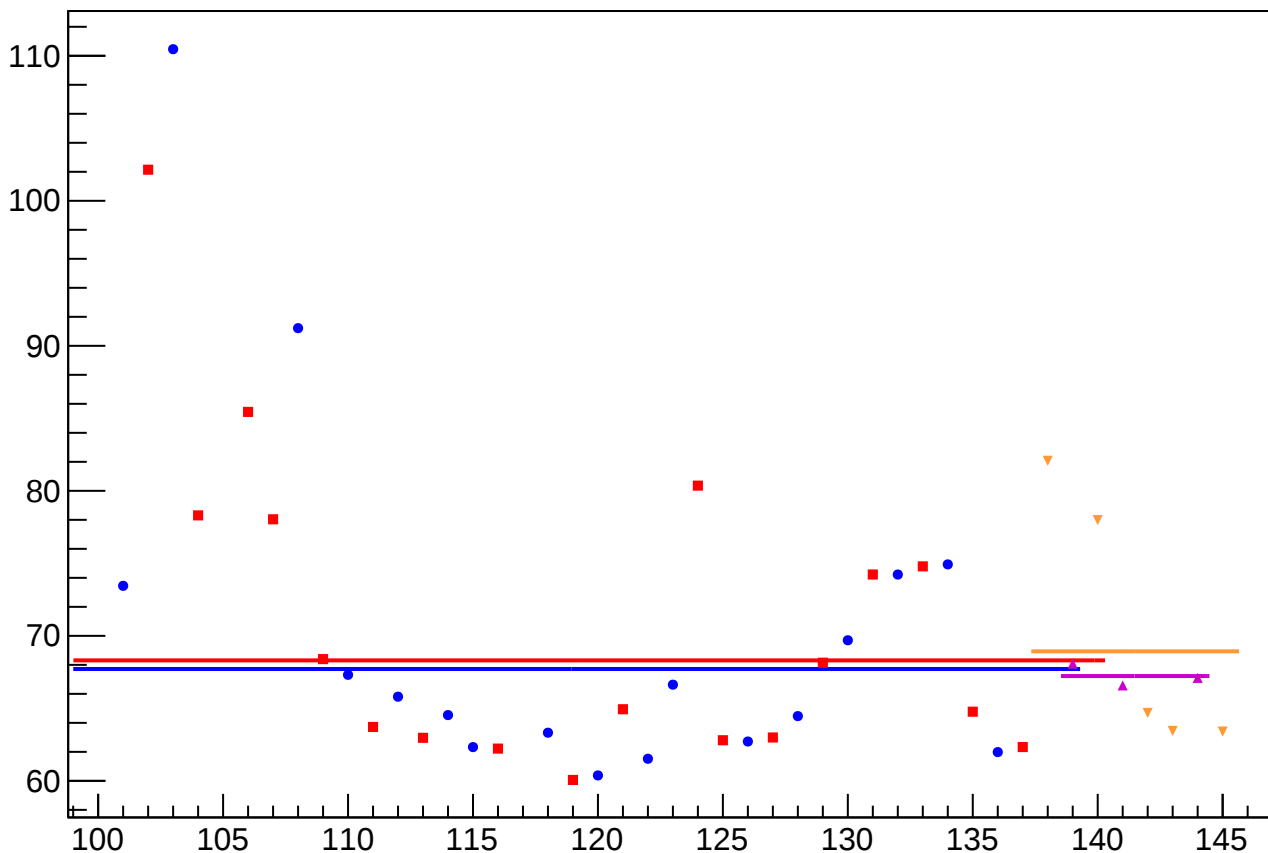
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -196.634 ± 22.538 $\chi^2/\text{NDF}: 18.6/19$

Out: -151.381 ± 21.475 $\chi^2/\text{NDF}: 44.9/22$

All: -172.915 ± 15.547 $\chi^2/\text{NDF}: 65.6/42$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 68.933 $\pm$ 0.026 χ^2/NDF : 84263.0/4

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 67.228 $\pm$ 0.030 χ^2/NDF : 412.2/2

Left: 68.196 $\pm$ 0.020 χ^2/NDF : 86478.4/7

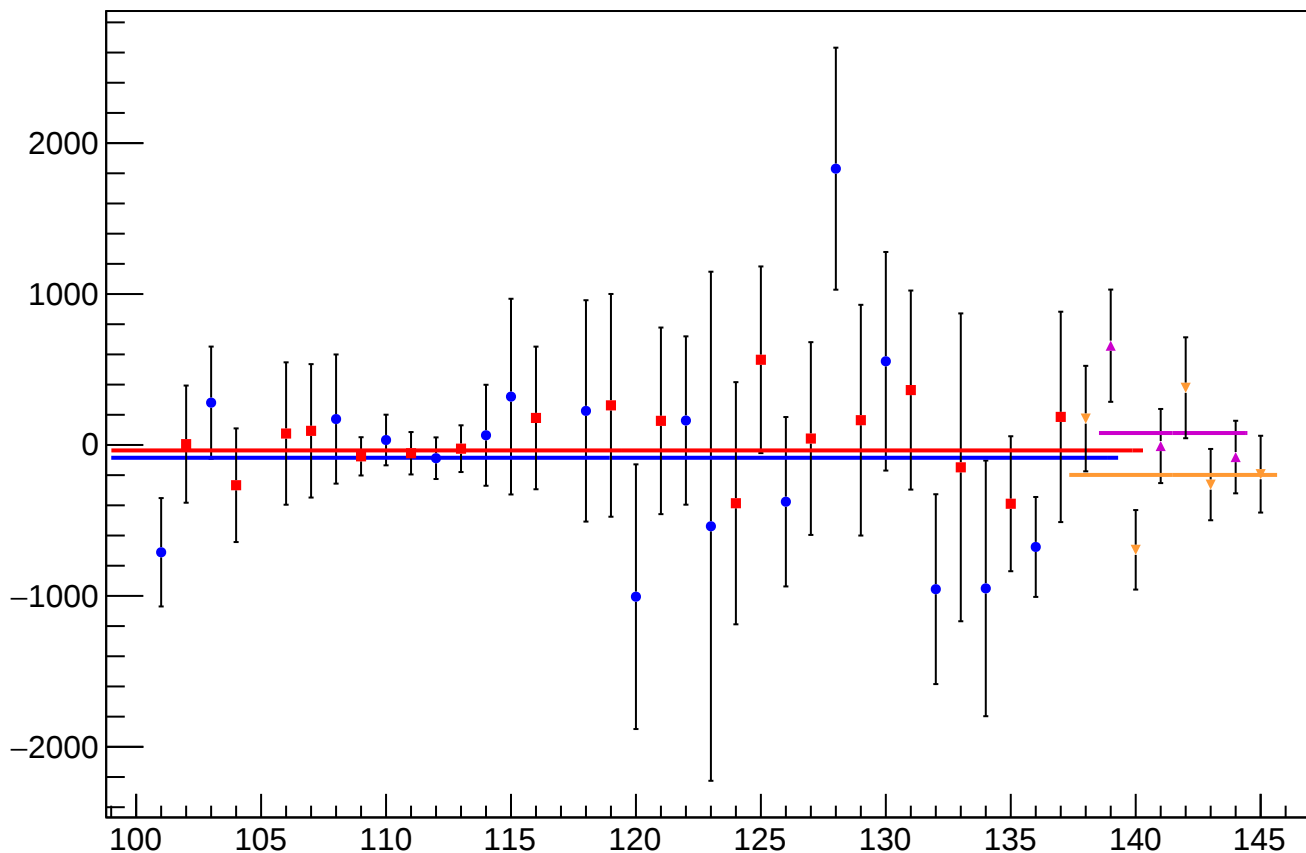
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 67.580 $\pm$ 0.016 χ^2/NDF : 283492.4/19

Out: 68.515 $\pm$ 0.015 χ^2/NDF : 318951.2/22

All: 68.070 $\pm$ 0.011 χ^2/NDF : 604247.6/42

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: 79.158 ± 155.953 $\chi^2/\text{NDF}: 3.0/2$

Left: -90.795 ± 97.115 $\chi^2/\text{NDF}: 12.7/7$

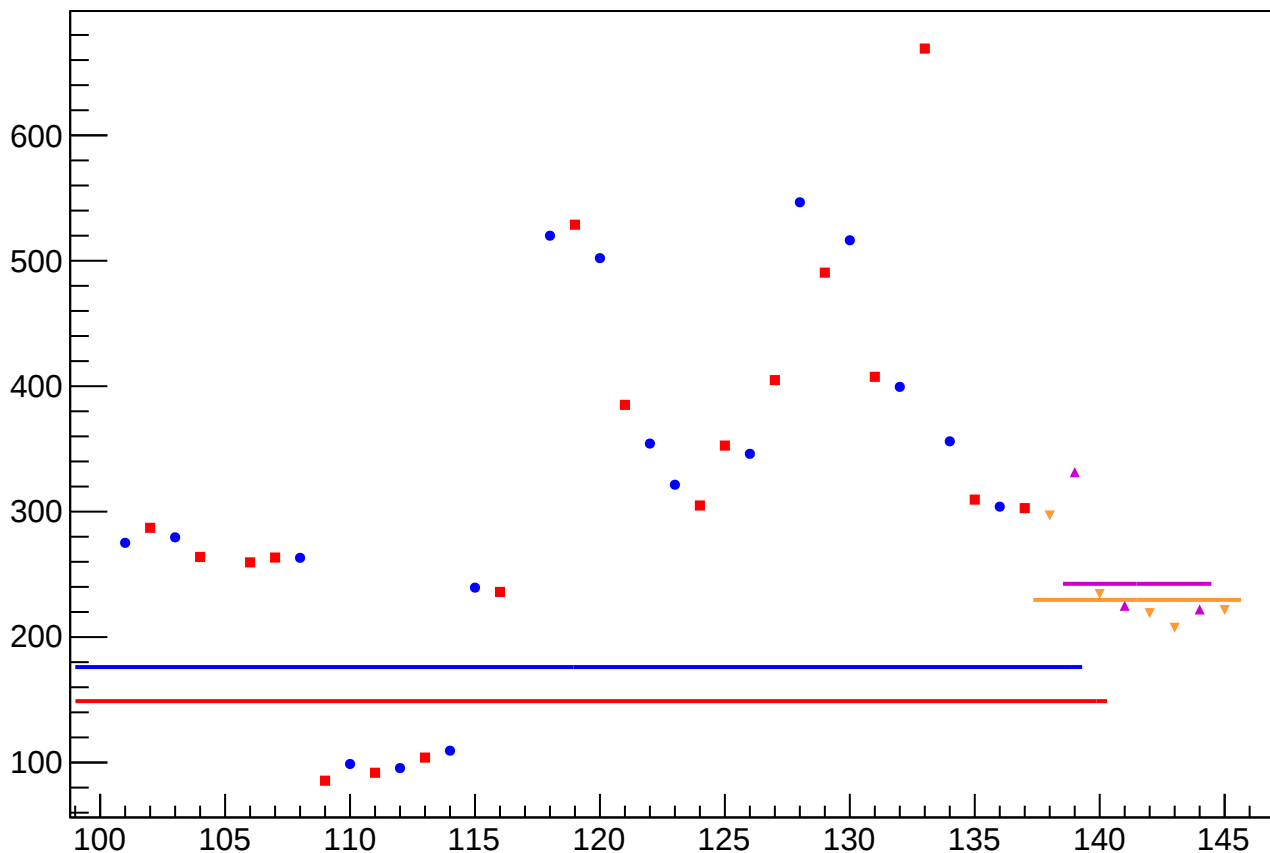
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -48.804 ± 73.040 $\chi^2/\text{NDF}: 23.7/19$

Out: -75.089 ± 60.806 $\chi^2/\text{NDF}: 12.5/22$

All: -64.329 ± 46.732 $\chi^2/\text{NDF}: 36.3/42$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 229.650+/-0.088 χ^2/NDF :96457.2/4

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 242.456+/-0.110 χ^2/NDF :139202.5/2

Left: 234.616+/-0.069 χ^2/NDF : 243916.1/7

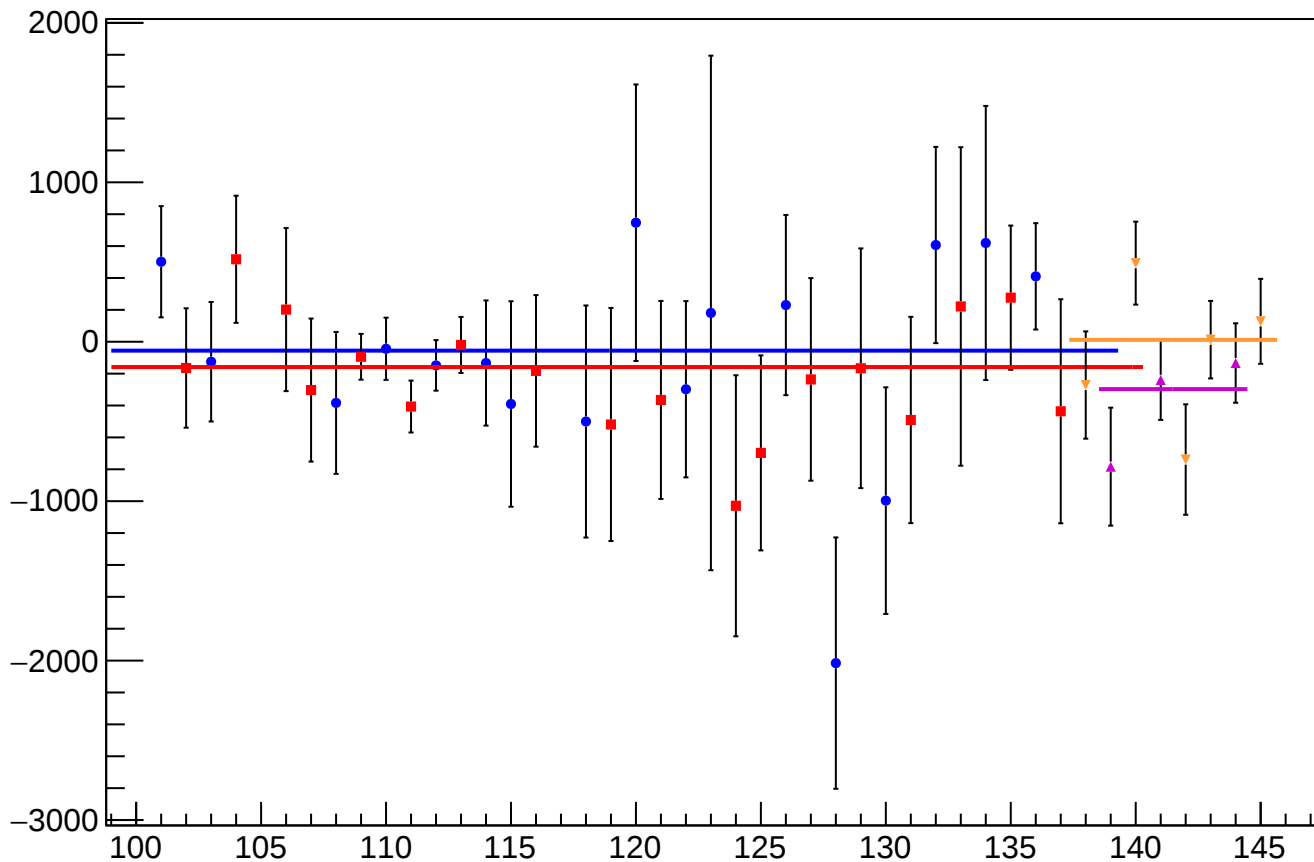
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 190.652+/-0.052 χ^2/NDF :4645544.1/19

Out: 168.305+/-0.043 χ^2/NDF :5510234.3/22

All: 177.453+/-0.033 χ^2/NDF : 10266360.2/42

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 $\pm$ 90.572 χ^2/NDF : 17.1/16

Left Out: 11.995 $\pm$ 126.038 χ^2/NDF : 9.0/4

Right Out: -158.676 $\pm$ 77.072 χ^2/NDF : 10.4/17

Left In: -297.084 $\pm$ 159.512 χ^2/NDF : 2.2/2

Left: -106.803 $\pm$ 98.893 χ^2/NDF : 13.5/7

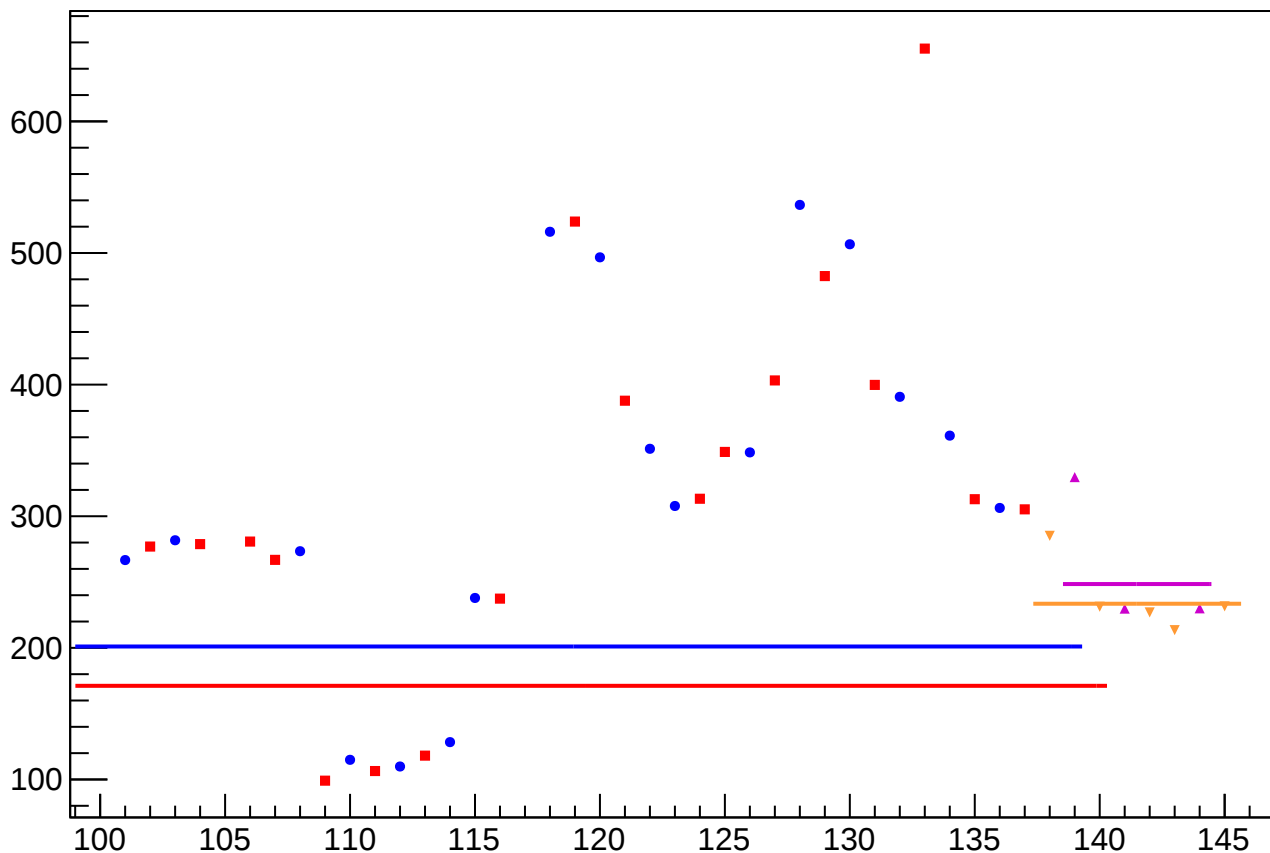
Right: -115.437 $\pm$ 58.697 χ^2/NDF : 28.3/34

In: -114.568 $\pm$ 78.761 χ^2/NDF : 21.1/19

Out: -112.226 $\pm$ 65.753 χ^2/NDF : 20.7/22

All: -113.187 $\pm$ 50.475 χ^2/NDF : 41.8/42

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 233.521+/-0.089 χ^2/NDF : 61664.0/4

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 248.483+/-0.113 χ^2/NDF : 118528.5/2

Left: 239.272+/-0.070 χ^2/NDF : 191024.8/7

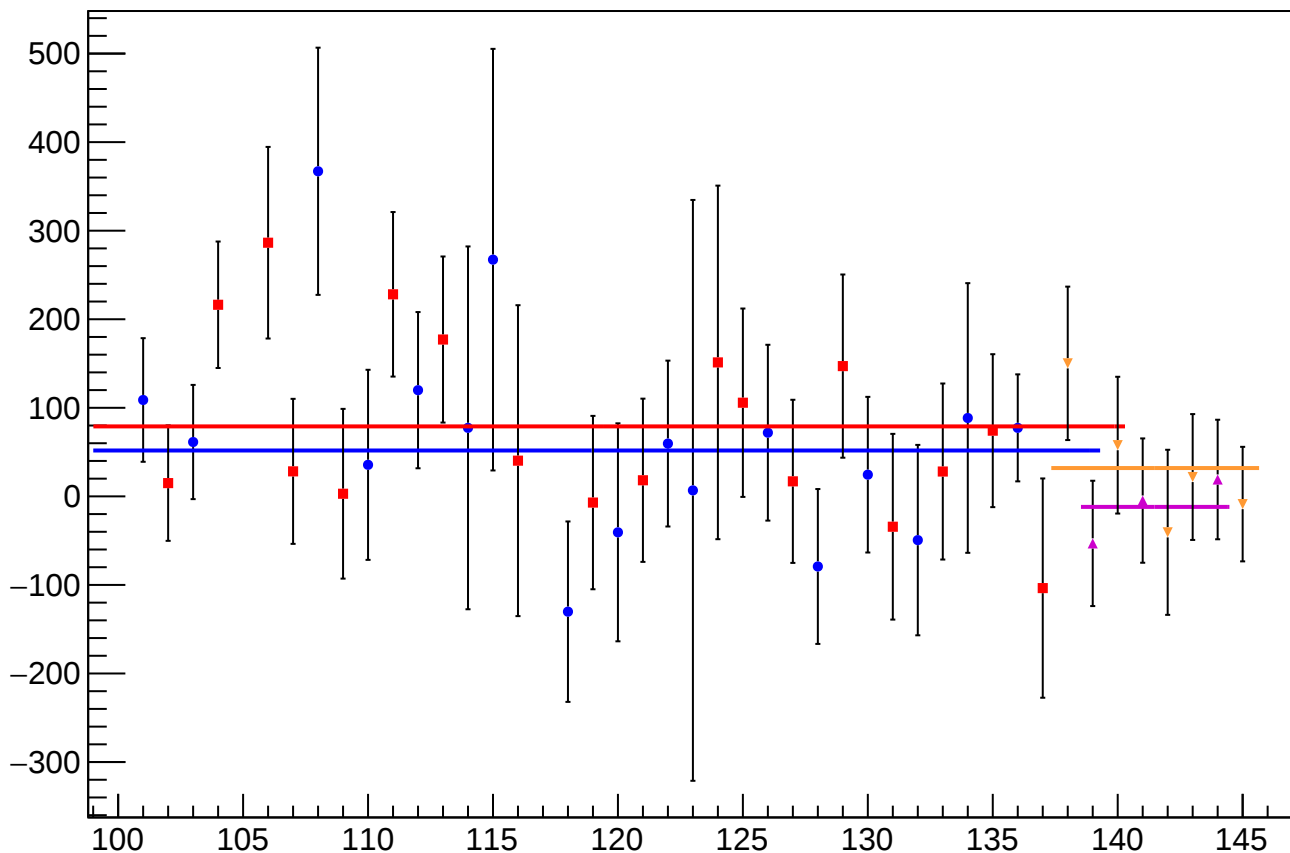
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 212.604+/-0.056 χ^2/NDF : 3685363.2/19

Out: 188.132+/-0.046 χ^2/NDF : 4483634.4/22

All: 198.183+/-0.036 χ^2/NDF : 8282782.9/42

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: -11.891 $\pm$ 40.089 χ^2 /NDF: 0.6/2

Left: 13.477 $\pm$ 26.033 χ^2 /NDF: 4.3/7

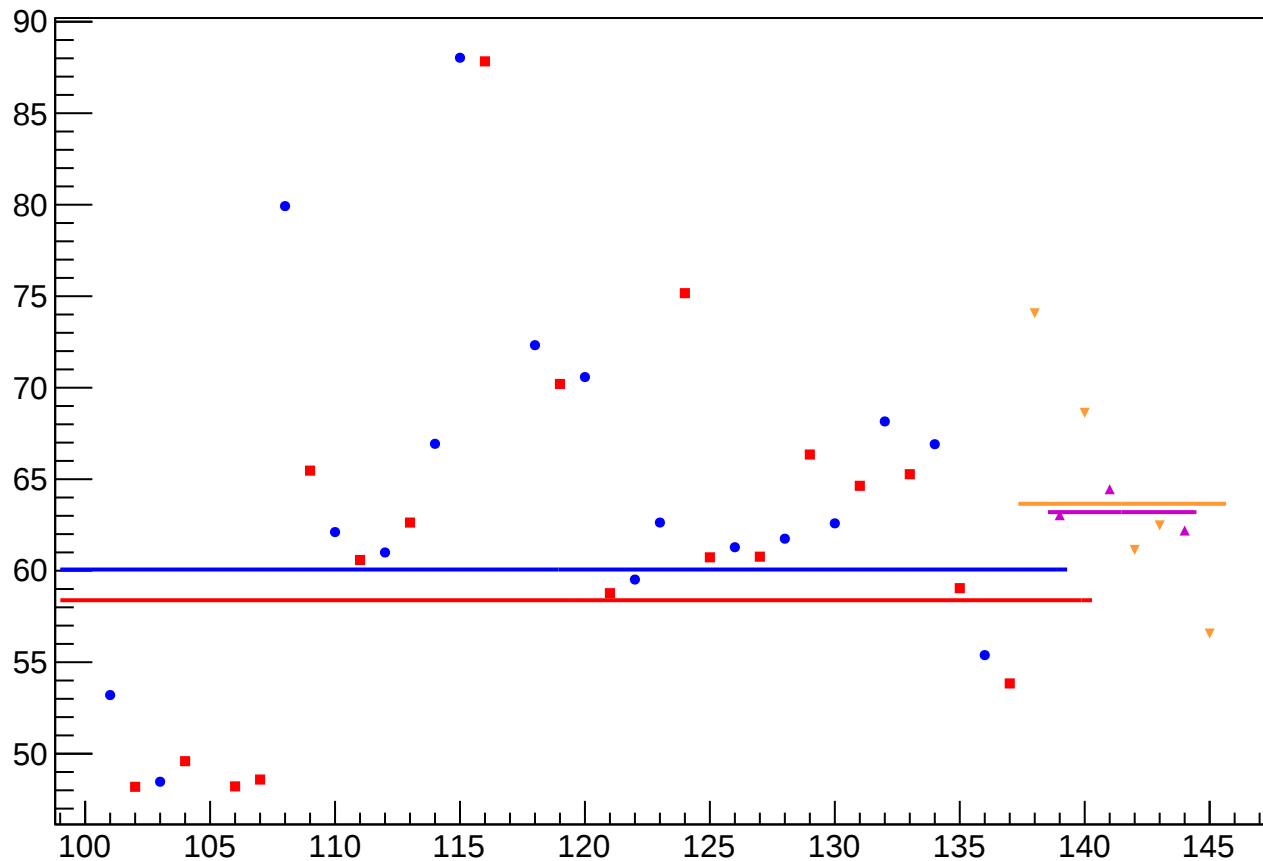
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 35.472 $\pm$ 20.298 χ^2 /NDF: 17.0/19

Out: 64.821 $\pm$ 18.802 χ^2 /NDF: 23.3/22

All: 51.268 $\pm$ 13.794 χ^2 /NDF: 41.4/42

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: 63.202 $\pm$ 0.028 χ^2 /NDF:1089.9/2

Left: 63.466 $\pm$ 0.018 χ^2 /NDF: 64475.4/7

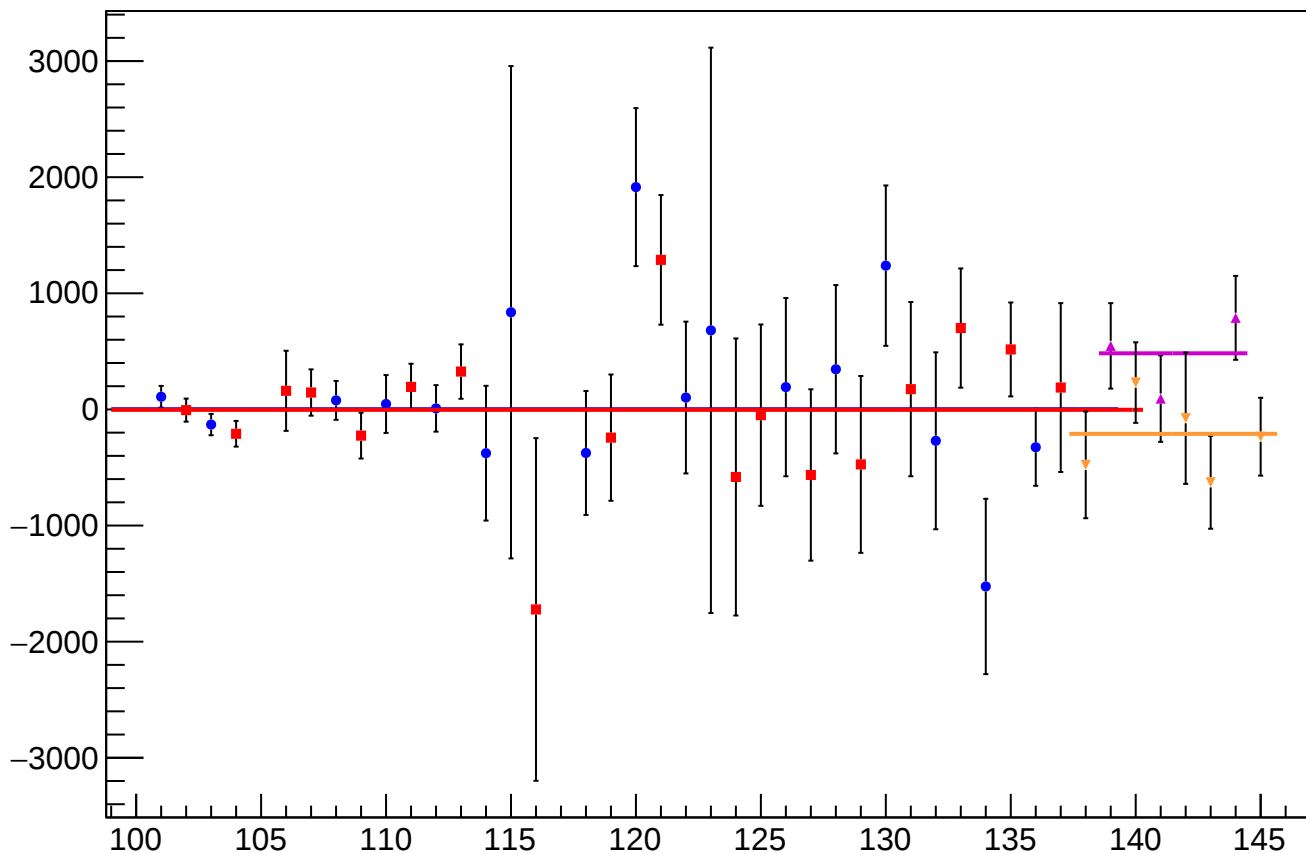
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 60.869 $\pm$ 0.014 χ^2 /NDF:239293.4/19

Out: 59.977 $\pm$ 0.013 χ^2 /NDF:371363.7/22

All: 60.389 $\pm$ 0.010 χ^2 /NDF: 612738.5/42

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: 483.224+/-211.916 χ^2/NDF : 1.8/2

Left: 77.801+/-136.606 χ^2/NDF : 11.2/7

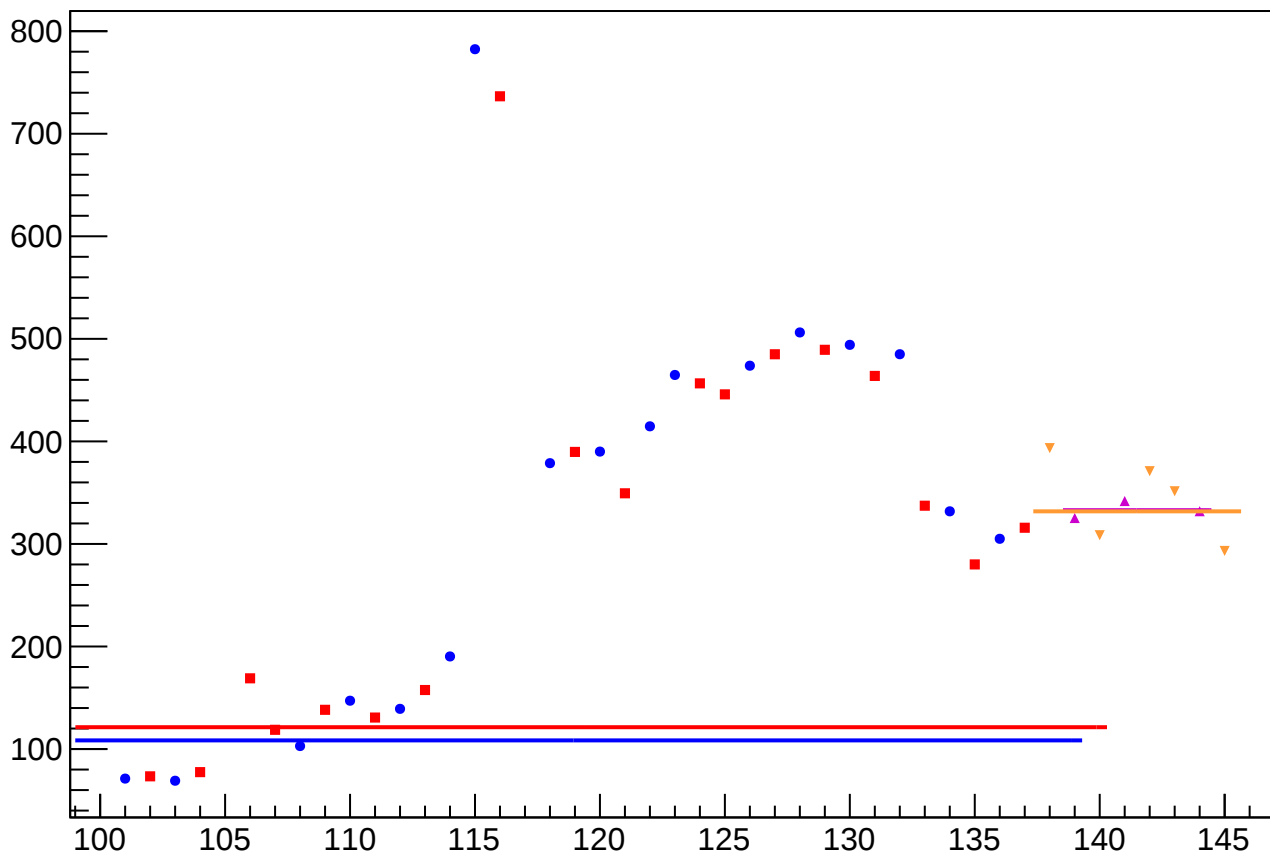
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 31.239+/-52.586 χ^2/NDF : 28.1/19

Out: -22.143+/-53.968 χ^2/NDF : 24.6/22

All: 5.240+/-37.663 χ^2/NDF : 53.1/42

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2/NDF : 5404107.9/16

Left Out: 331.790 $\pm$ 0.126 χ^2/NDF : 85902.1/4

Right Out: 121.303 $\pm$ 0.040 χ^2/NDF : 4731568.2/17

Left In: 332.944 $\pm$ 0.150 χ^2/NDF : 2028.0/2

Left: 332.269 $\pm$ 0.097 χ^2/NDF : 87964.8/7

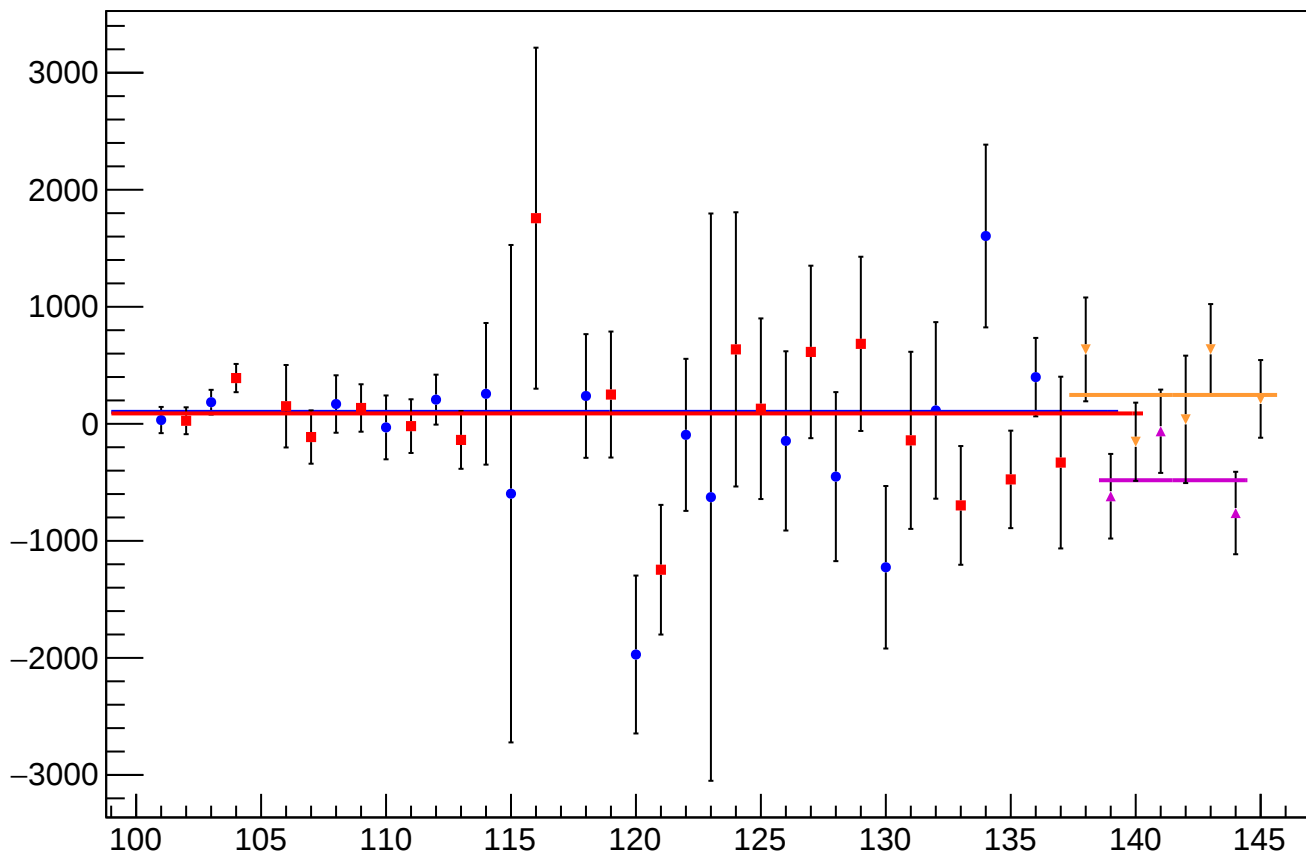
Right: 114.604 $\pm$ 0.028 χ^2/NDF : 10189429.3/34

In: 122.269 $\pm$ 0.037 χ^2/NDF : 7512480.7/19

Out: 140.504 $\pm$ 0.038 χ^2/NDF : 7339535.3/22

All: 131.150 $\pm$ 0.027 χ^2/NDF : 14969141.0/42

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 246.812+/-173.595 χ^2/NDF : 3.4/4

Right Out: 88.841+/-62.230 χ^2/NDF : 21.7/17

Left In: -481.890+/-205.811 χ^2/NDF : 2.2/2

Left: -56.105+/-132.696 χ^2/NDF : 12.9/7

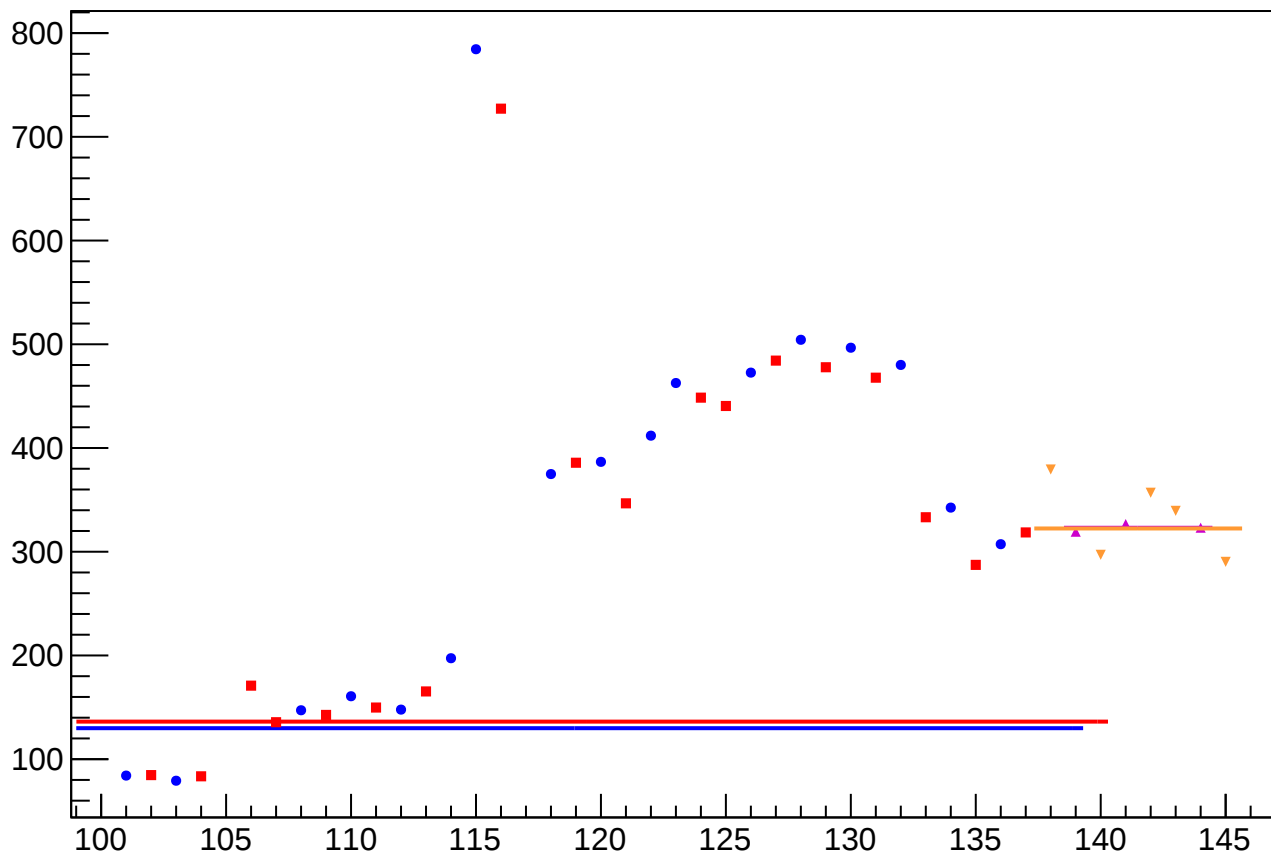
Right: 95.435+/-44.317 χ^2/NDF : 42.0/34

In: 51.993+/-60.352 χ^2/NDF : 29.8/19

Out: 106.830+/-58.580 χ^2/NDF : 25.9/22

All: 80.228+/-42.035 χ^2/NDF : 56.1/42

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: 323.105+/-0.146 χ^2/NDF : 425.1/2

Left: 322.707+/-0.094 χ^2/NDF : 75509.2/7

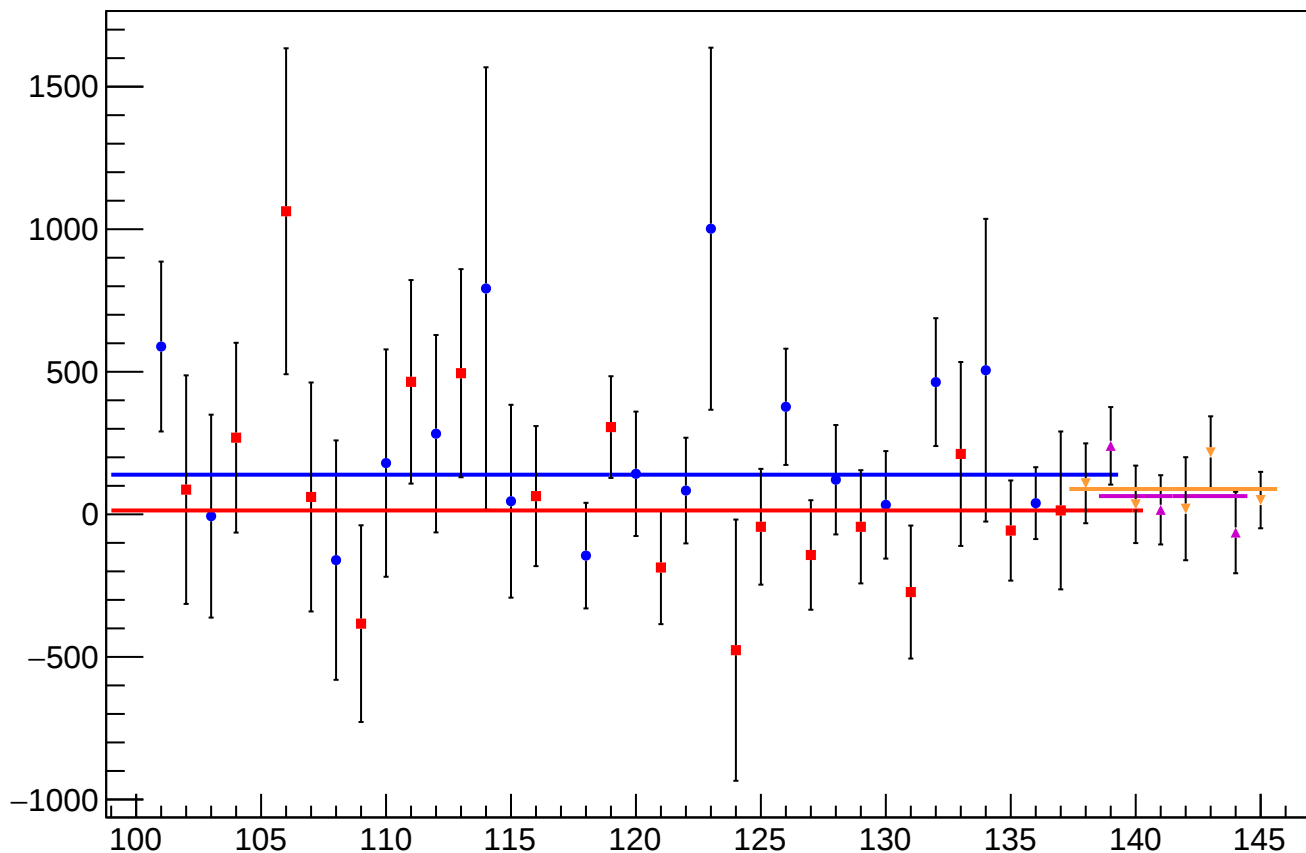
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 146.499+/-0.043 χ^2/NDF : 6441154.9/19

Out: 157.428+/-0.041 χ^2/NDF : 6396819.1/22

All: 152.126+/-0.030 χ^2/NDF : 12871744.9/42

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: 64.052 $\pm$ 76.499 χ^2/NDF : 2.6/2

Left: 79.947 $\pm$ 46.069 χ^2/NDF : 4.2/7

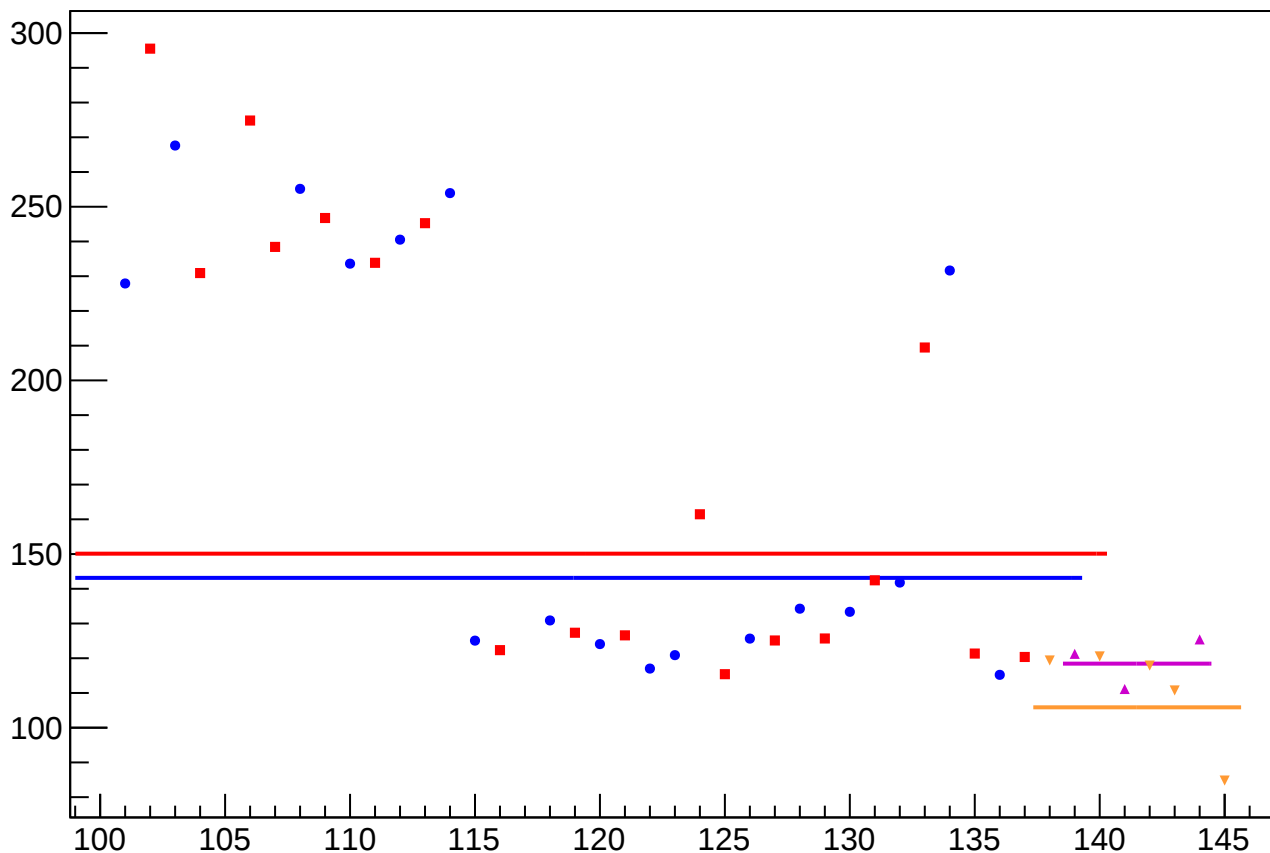
Right: 78.643 $\pm$ 41.737 χ^2/NDF : 31.8/34

In: 111.713 $\pm$ 46.209 χ^2/NDF : 16.3/19

Out: 52.861 $\pm$ 41.634 χ^2/NDF : 18.7/22

All: 79.231 $\pm$ 30.931 χ^2/NDF : 36.0/42

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: 118.444 $\pm$ 0.054 χ^2 /NDF:12863.5/2

Left: 110.428 $\pm$ 0.033 χ^2 /NDF: 191755.7/7

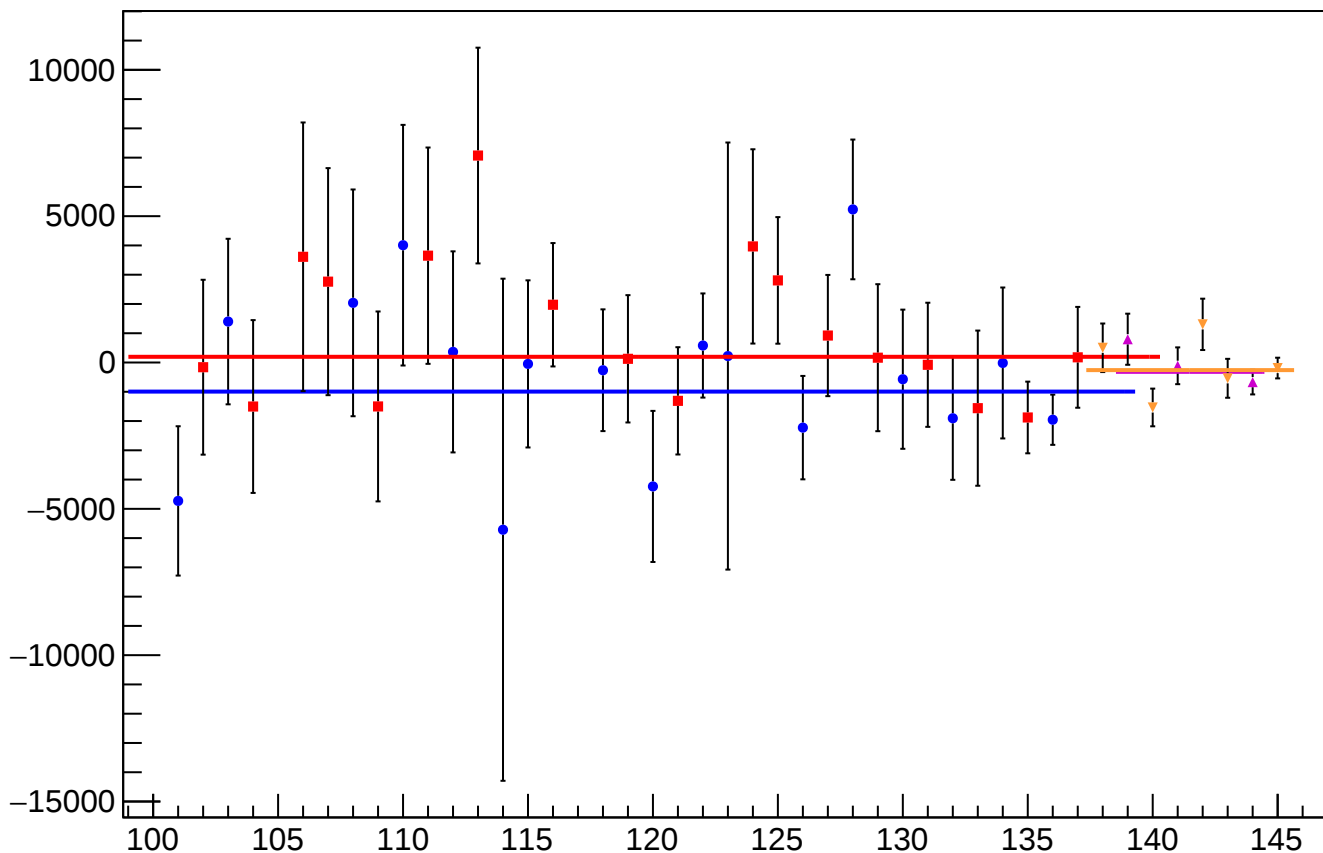
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 134.129 $\pm$ 0.033 χ^2 /NDF:1246512.5/19

Out: 127.079 $\pm$ 0.029 χ^2 /NDF:2040872.2/22

All: 130.238 $\pm$ 0.022 χ^2 /NDF: 3313075.9/42

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: -318.627+/-324.576 χ^2/NDF : 2.4/2

Left: -282.408+/-200.334 χ^2/NDF : 10.6/7

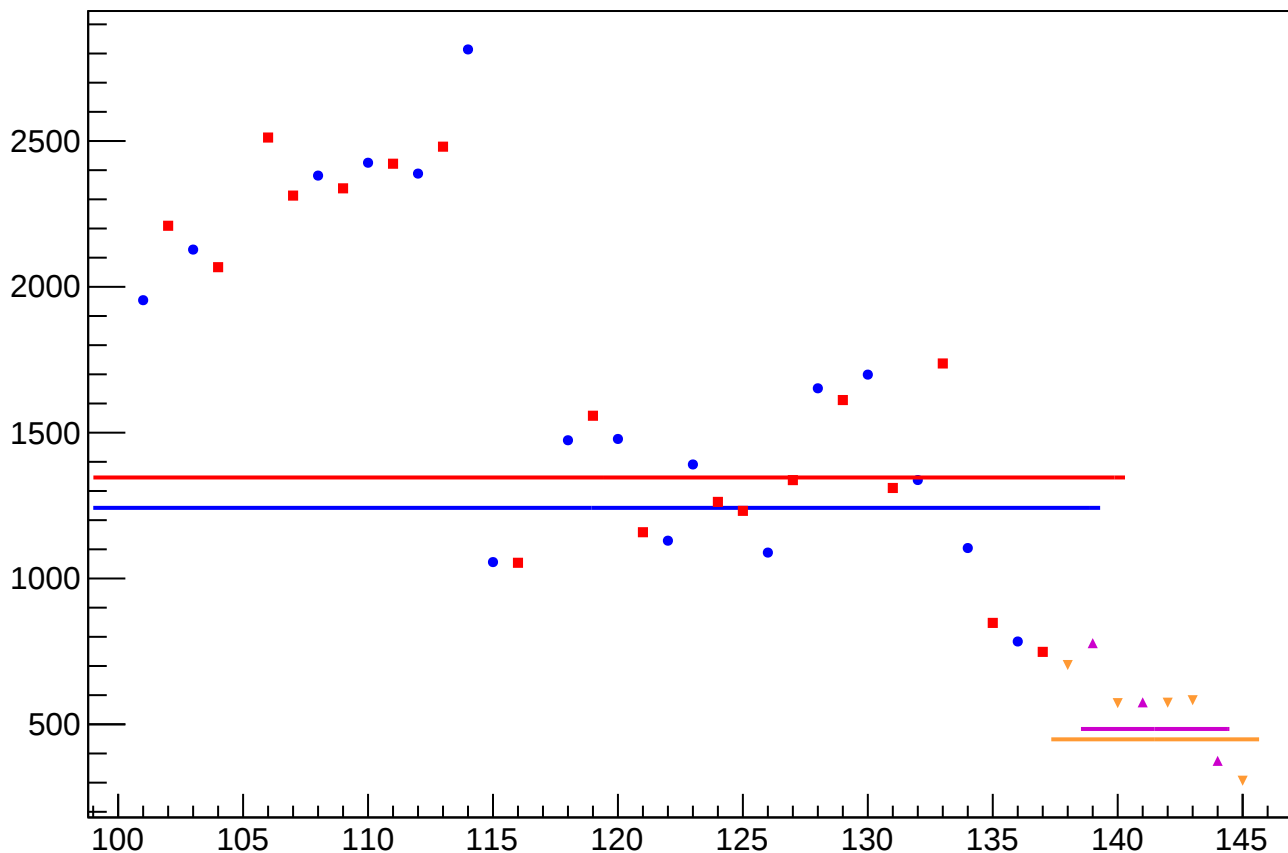
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -509.788+/-274.812 χ^2/NDF : 20.6/19

Out: -178.278+/-230.597 χ^2/NDF : 22.3/22

All: -315.252+/-176.647 χ^2/NDF : 43.7/42

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 448.508+/-0.180 χ^2/NDF : 707308.3/4

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 484.059+/-0.230 χ^2/NDF : 404238.1/2

Left: 462.051+/-0.142 χ^2/NDF : 1126400.0/7

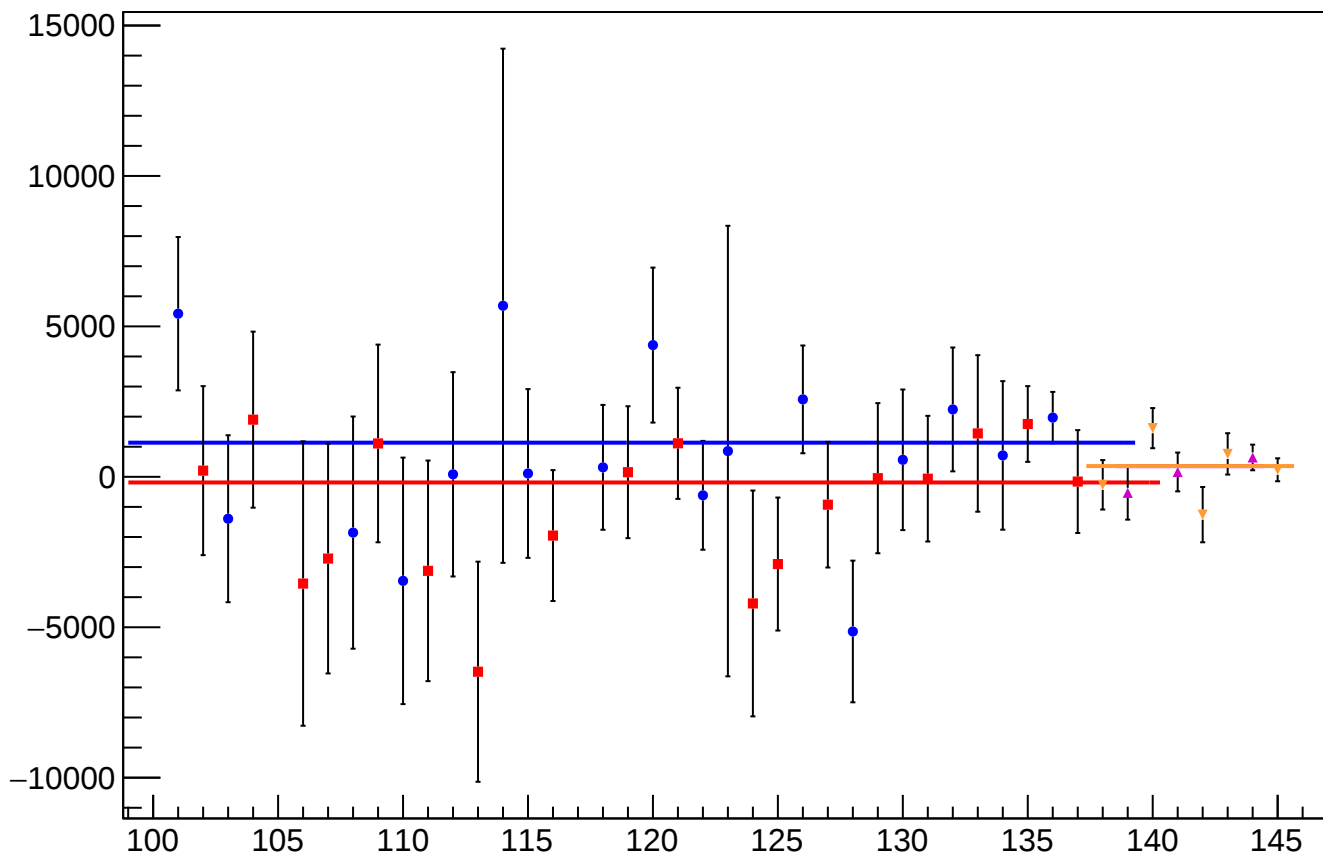
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 698.707+/-0.194 χ^2/NDF : 5260938.0/19

Out: 609.940+/-0.163 χ^2/NDF : 6987690.8/22

All: 646.617+/-0.125 χ^2/NDF : 12371081.4/42

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: 355.604 $\pm$ 330.029 χ^2 /NDF: 1.5/2

Left: 356.766 $\pm$ 208.037 χ^2 /NDF: 9.2/7

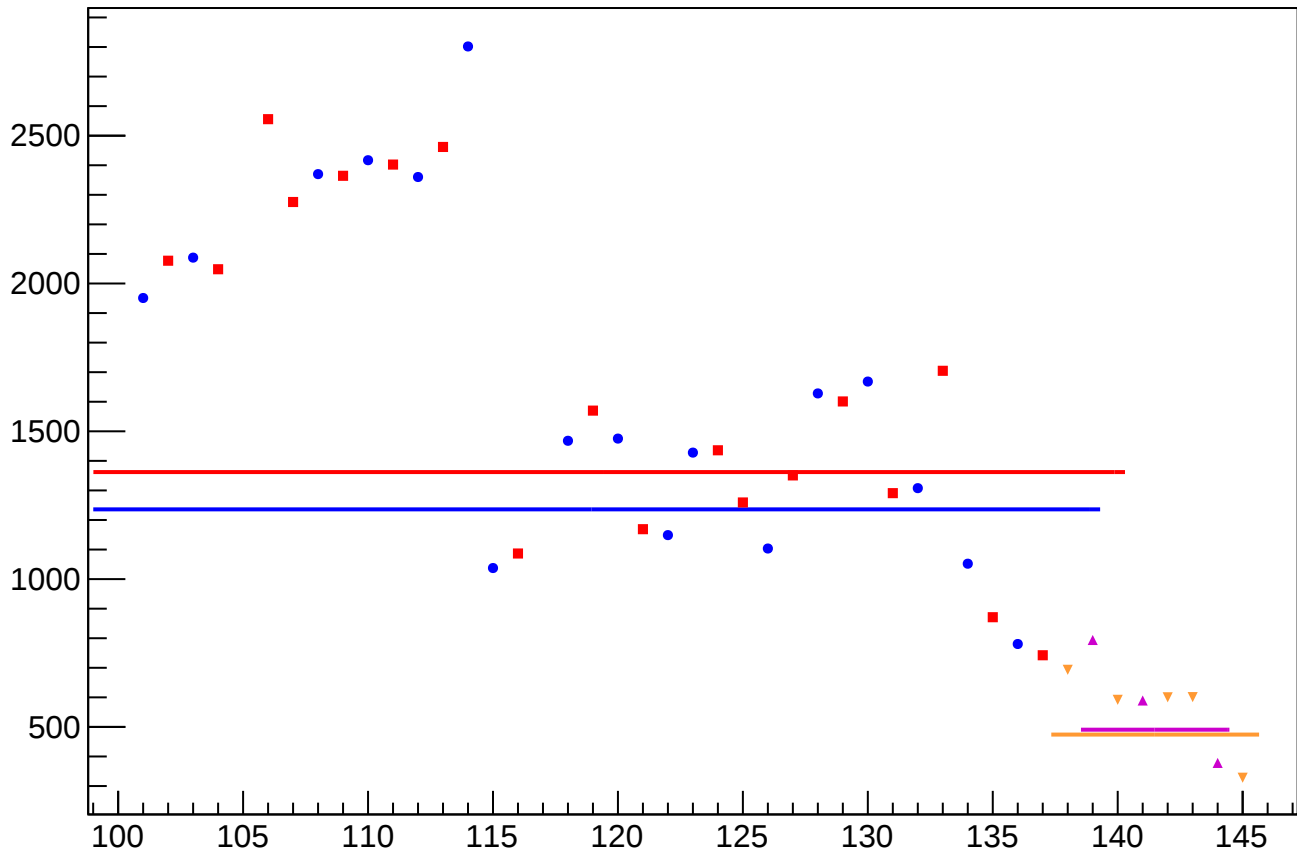
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 583.333 $\pm$ 277.675 χ^2 /NDF: 21.0/19

Out: 252.404 $\pm$ 240.756 χ^2 /NDF: 20.5/22

All: 394.421 $\pm$ 181.903 χ^2 /NDF: 42.2/42

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: 490.626 $\pm$ 0.233 χ^2 /NDF: 418571.8/2

Left: 480.657 $\pm$ 0.147 χ^2 /NDF: 1025368.4/7

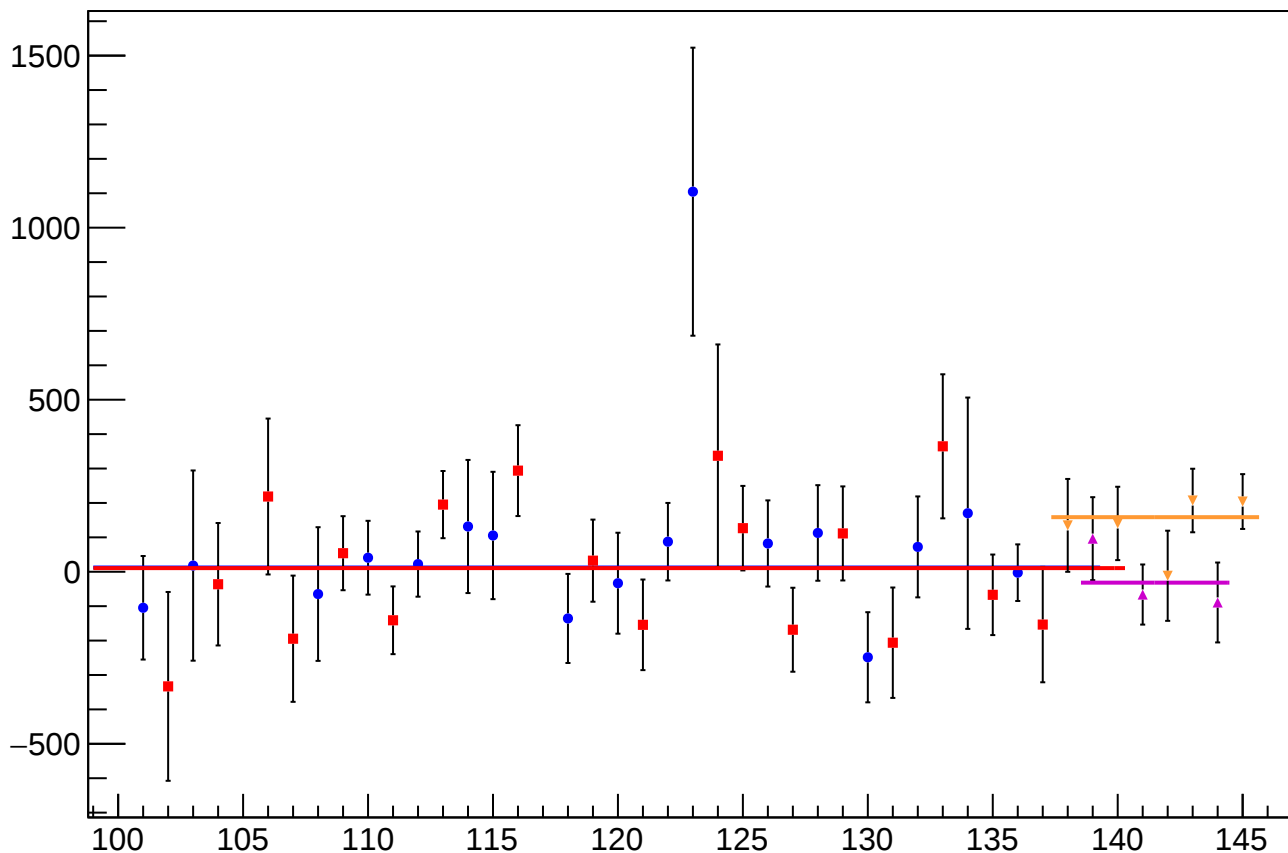
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 708.334 $\pm$ 0.196 χ^2 /NDF: 5143758.6/19

Out: 645.364 $\pm$ 0.170 χ^2 /NDF: 6548838.1/22

All: 672.388 $\pm$ 0.129 χ^2 /NDF: 11751311.1/42

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: -31.658+/-60.408 χ^2/NDF : 1.5/2

Left: 89.136+/-36.511 χ^2/NDF : 10.2/7

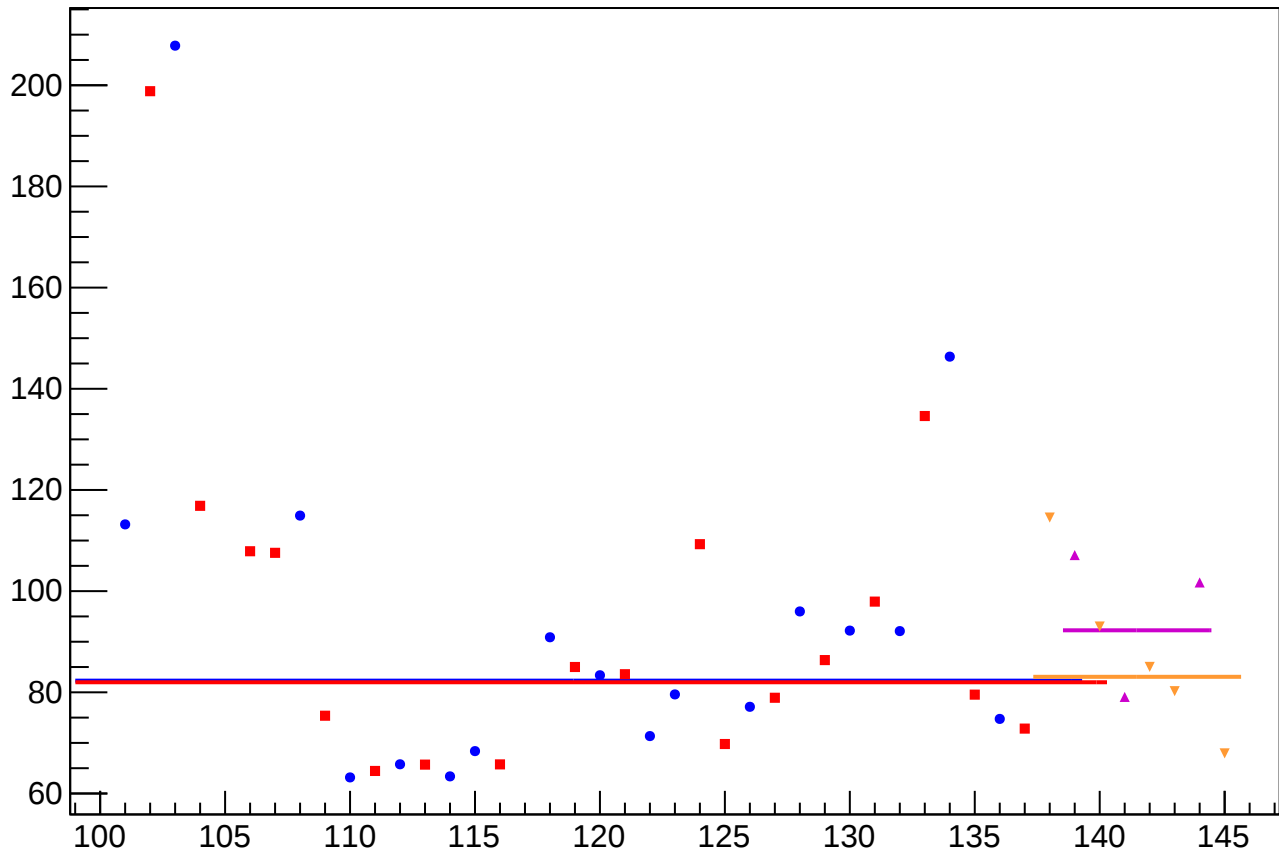
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 2.096+/-29.114 χ^2/NDF : 17.3/19

Out: 60.353+/-26.568 χ^2/NDF : 36.0/22

All: 33.883+/-19.625 χ^2/NDF : 55.5/42

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: 92.258 $\pm$ 0.043 χ^2 /NDF: 89141.4/2

Left: 86.424 $\pm$ 0.026 χ^2 /NDF: 319352.1/7

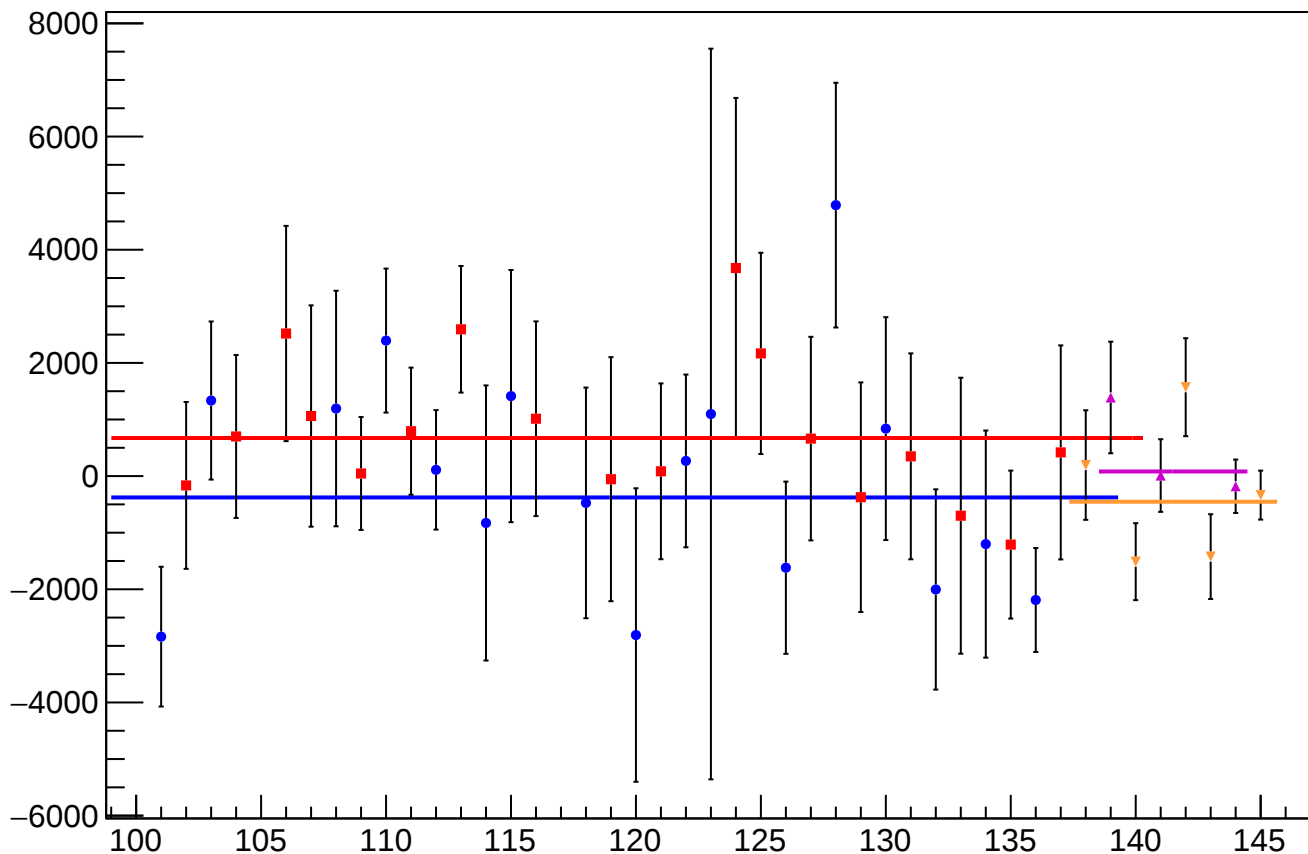
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 84.618 $\pm$ 0.021 χ^2 /NDF: 999561.9/19

Out: 82.350 $\pm$ 0.019 χ^2 /NDF: 1054765.0/22

All: 83.380 $\pm$ 0.014 χ^2 /NDF: 2060948.9/42

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: 81.421 ± 354.636 $\chi^2/\text{NDF}: 2.1/2$

Left: -236.700 ± 225.634 $\chi^2/\text{NDF}: 13.5/7$

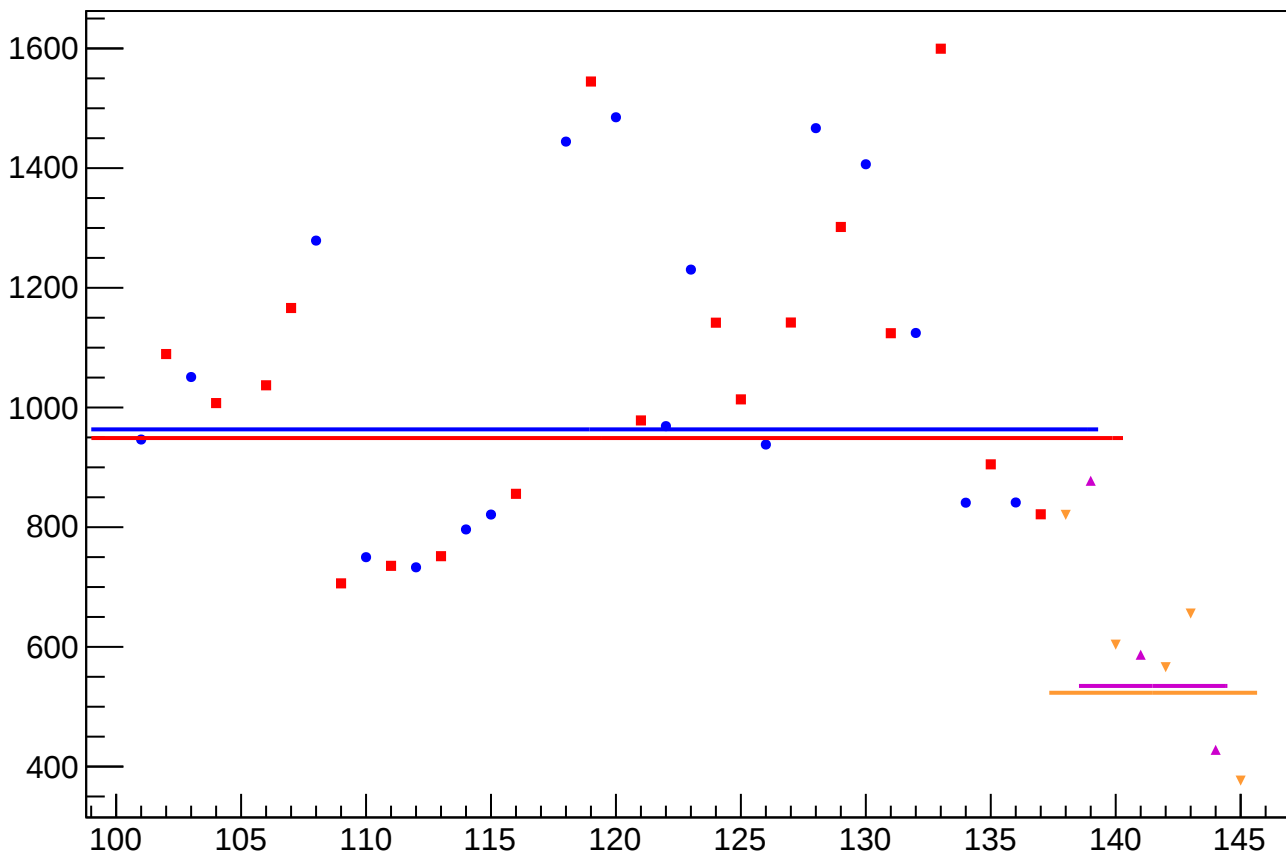
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -129.807 ± 260.497 $\chi^2/\text{NDF}: 27.3/19$

Out: -17.980 ± 229.113 $\chi^2/\text{NDF}: 25.2/22$

All: -66.755 ± 172.039 $\chi^2/\text{NDF}: 52.6/42$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 523.336 $\pm$ 0.207 χ^2 /NDF: 514139.7/4

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 534.734 $\pm$ 0.251 χ^2 /NDF: 357613.7/2

Left: 527.950 $\pm$ 0.160 χ^2 /NDF: 872983.1/7

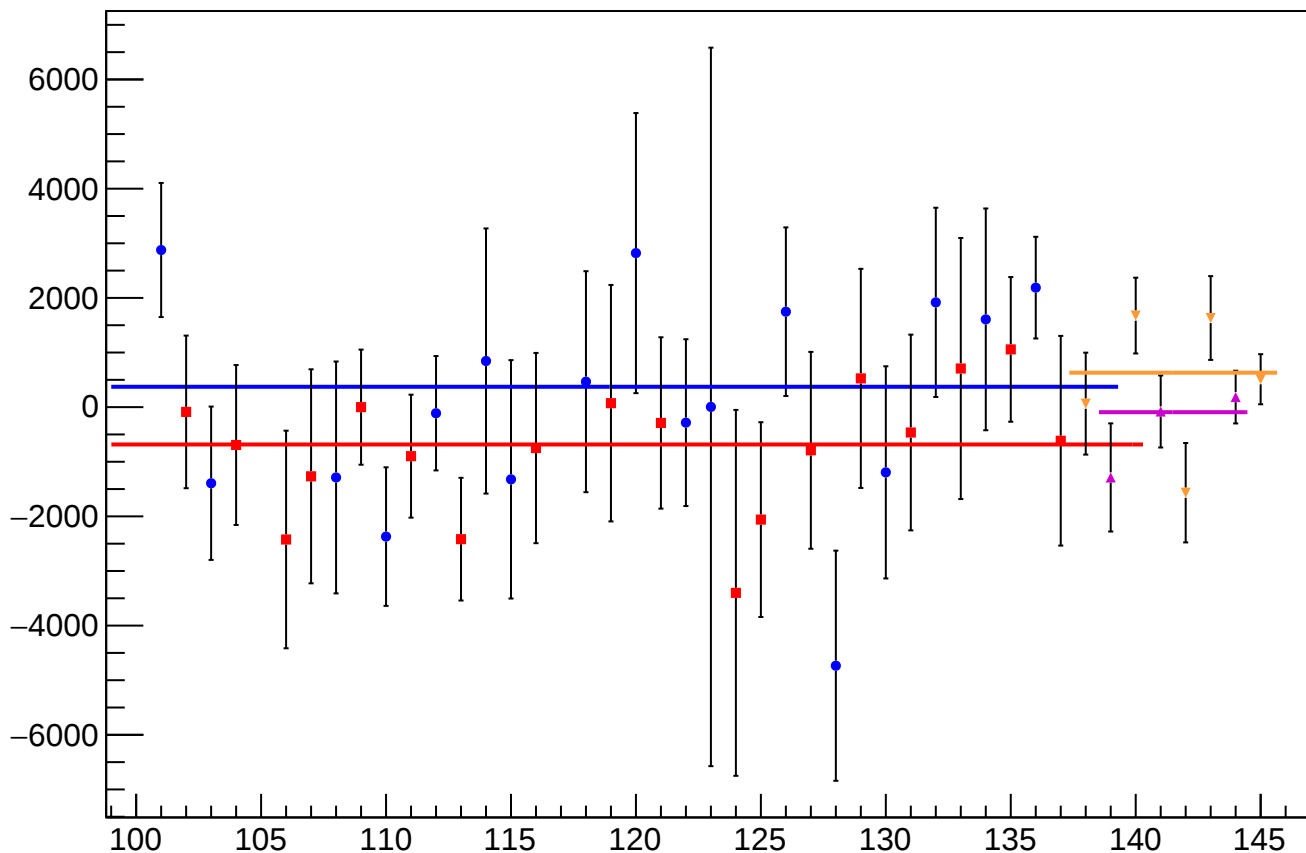
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 732.142 $\pm$ 0.184 χ^2 /NDF: 2392396.2/19

Out: 687.753 $\pm$ 0.162 χ^2 /NDF: 2879734.6/22

All: 707.113 $\pm$ 0.122 χ^2 /NDF: 5304874.6/42

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: -92.502 $\pm$ 362.461 χ^2 /NDF:1.8/2

Left: 333.083 $\pm$ 232.542 χ^2 /NDF: 14.4/7

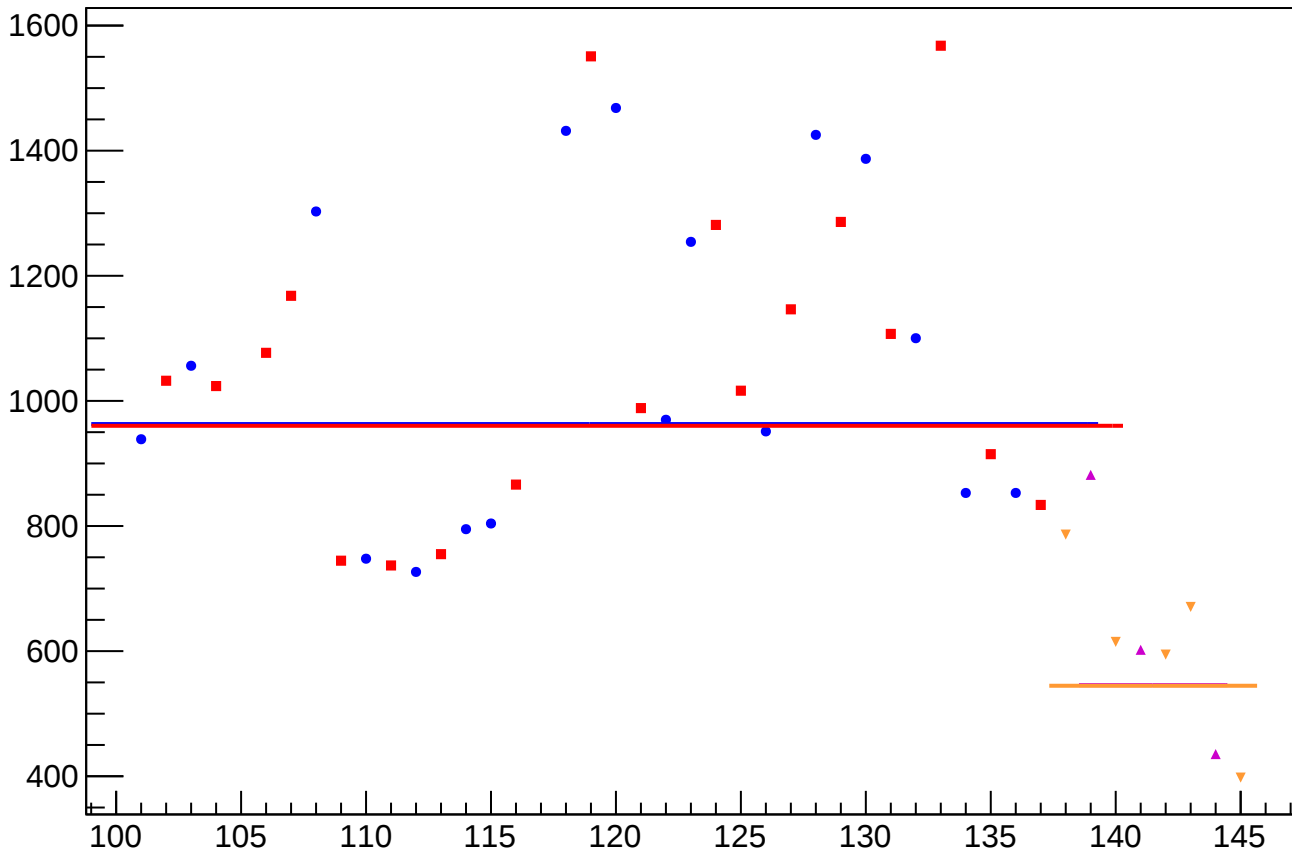
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 126.984 $\pm$ 263.475 χ^2 /NDF:27.8/19

Out: 106.946 $\pm$ 235.109 χ^2 /NDF:25.5/22

All: 115.828 $\pm$ 175.422 χ^2 /NDF: 53.3/42

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: 545.614 $\pm$ 0.256 χ^2 /NDF: 349481.9/2

Left: 545.046 $\pm$ 0.164 χ^2 /NDF: 768668.9/7

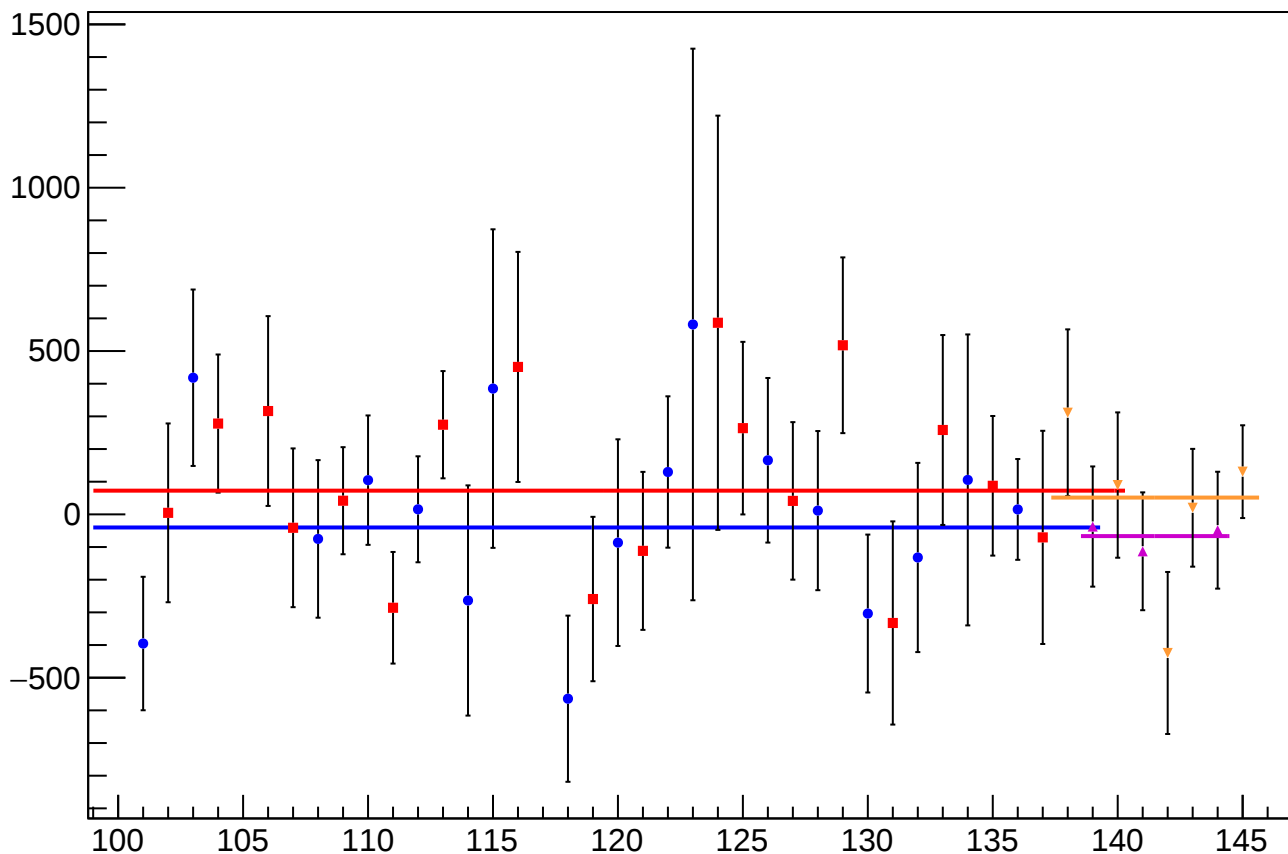
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 742.443 $\pm$ 0.186 χ^2 /NDF: 2267561.9/19

Out: 710.272 $\pm$ 0.166 χ^2 /NDF: 2587998.1/22

All: 724.533 $\pm$ 0.124 χ^2 /NDF: 4872159.9/42

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 51.421 ± 86.983 $\chi^2/\text{NDF}: 5.1/4$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: -66.521 ± 104.530 $\chi^2/\text{NDF}: 0.1/2$

Left: 3.166 ± 66.861 $\chi^2/\text{NDF}: 5.9/7$

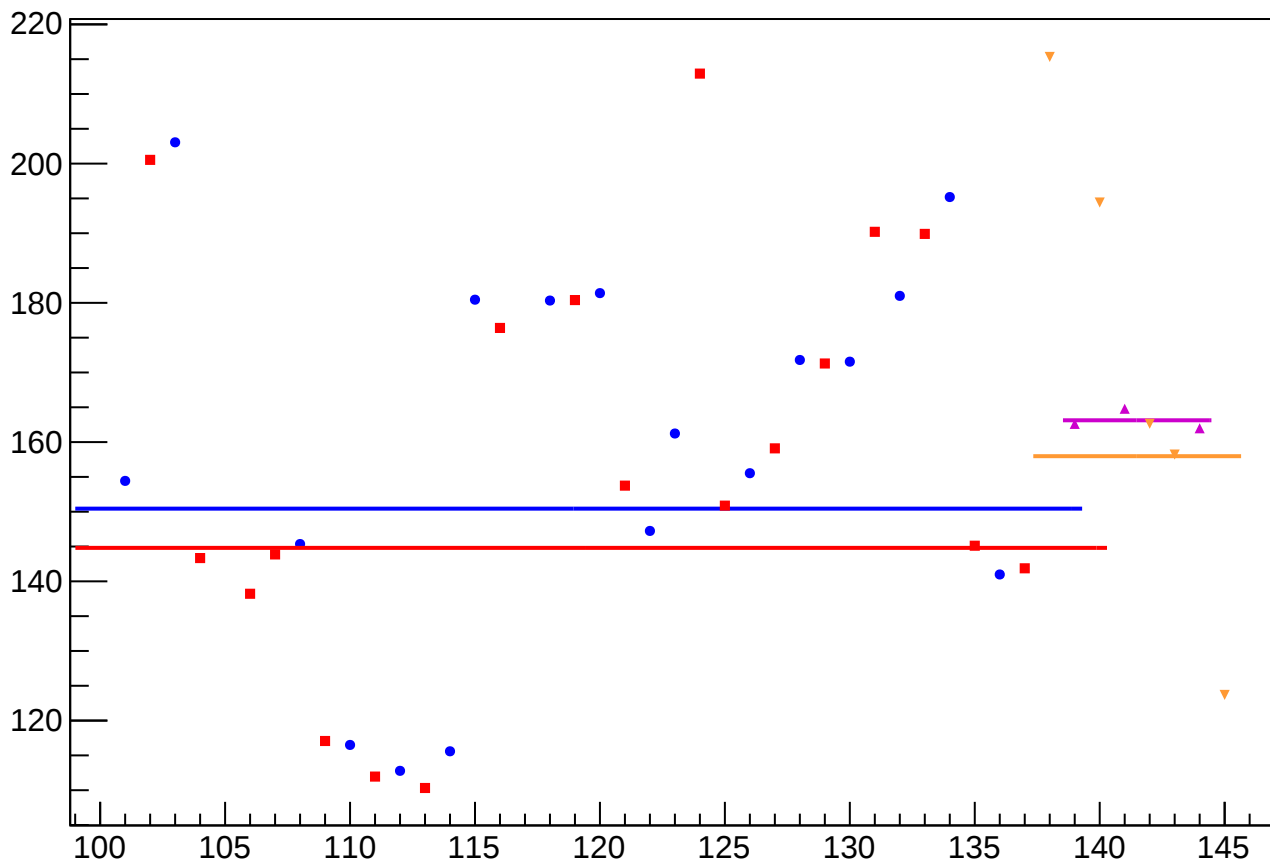
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: -46.542 ± 51.549 $\chi^2/\text{NDF}: 15.5/19$

Out: 66.349 ± 47.272 $\chi^2/\text{NDF}: 22.7/22$

All: 14.781 ± 34.840 $\chi^2/\text{NDF}: 40.8/42$

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: 163.132 $\pm$ 0.074 χ^2/NDF :267.3/2

Left: 160.086 $\pm$ 0.047 χ^2/NDF : 275124.0/7

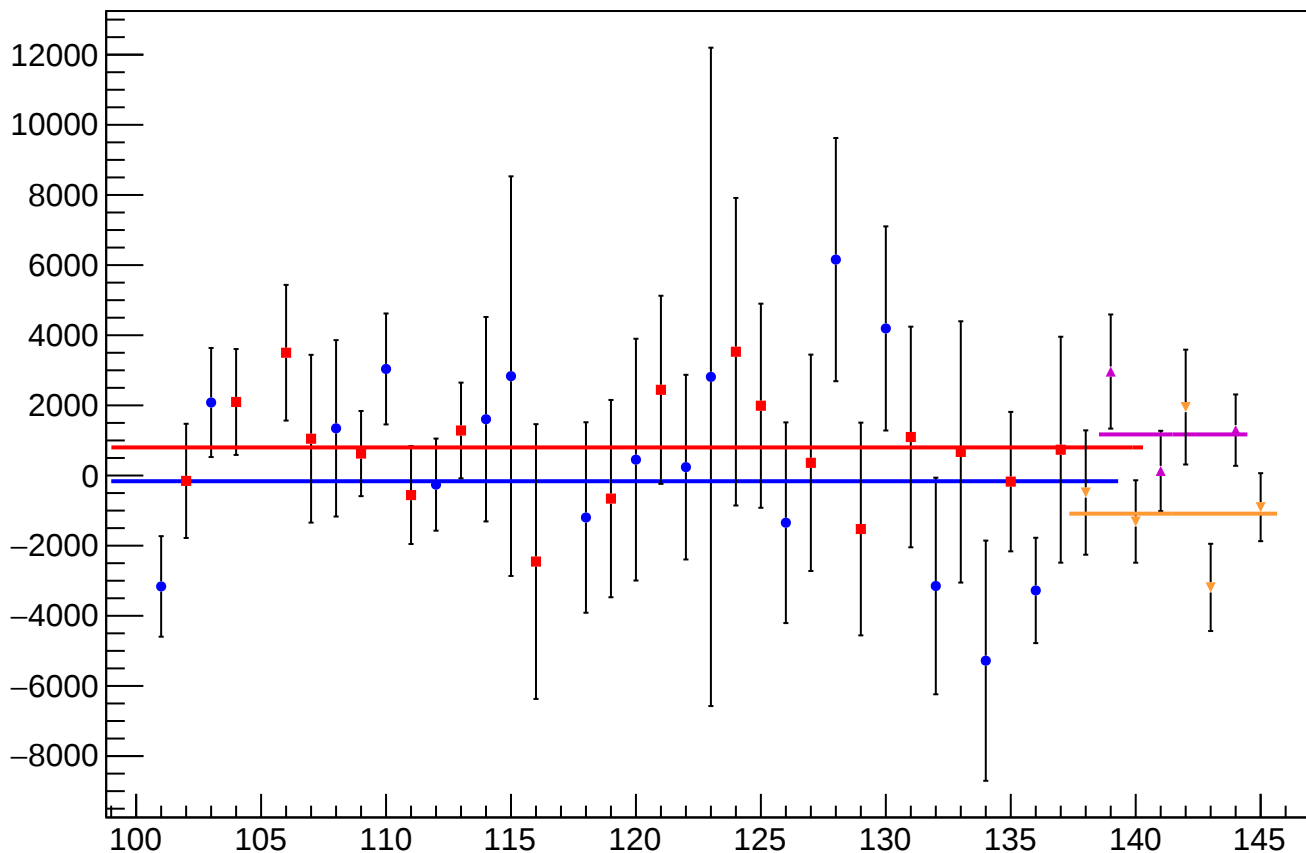
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 153.528 $\pm$ 0.036 χ^2/NDF :422698.0/19

Out: 148.697 $\pm$ 0.033 χ^2/NDF :808148.9/22

All: 150.904 $\pm$ 0.025 χ^2/NDF : 1240390.4/42

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: 1172.148+/-689.121 χ^2/NDF : 2.1/2

Left: -177.783+/-437.210 χ^2/NDF : 15.0/7

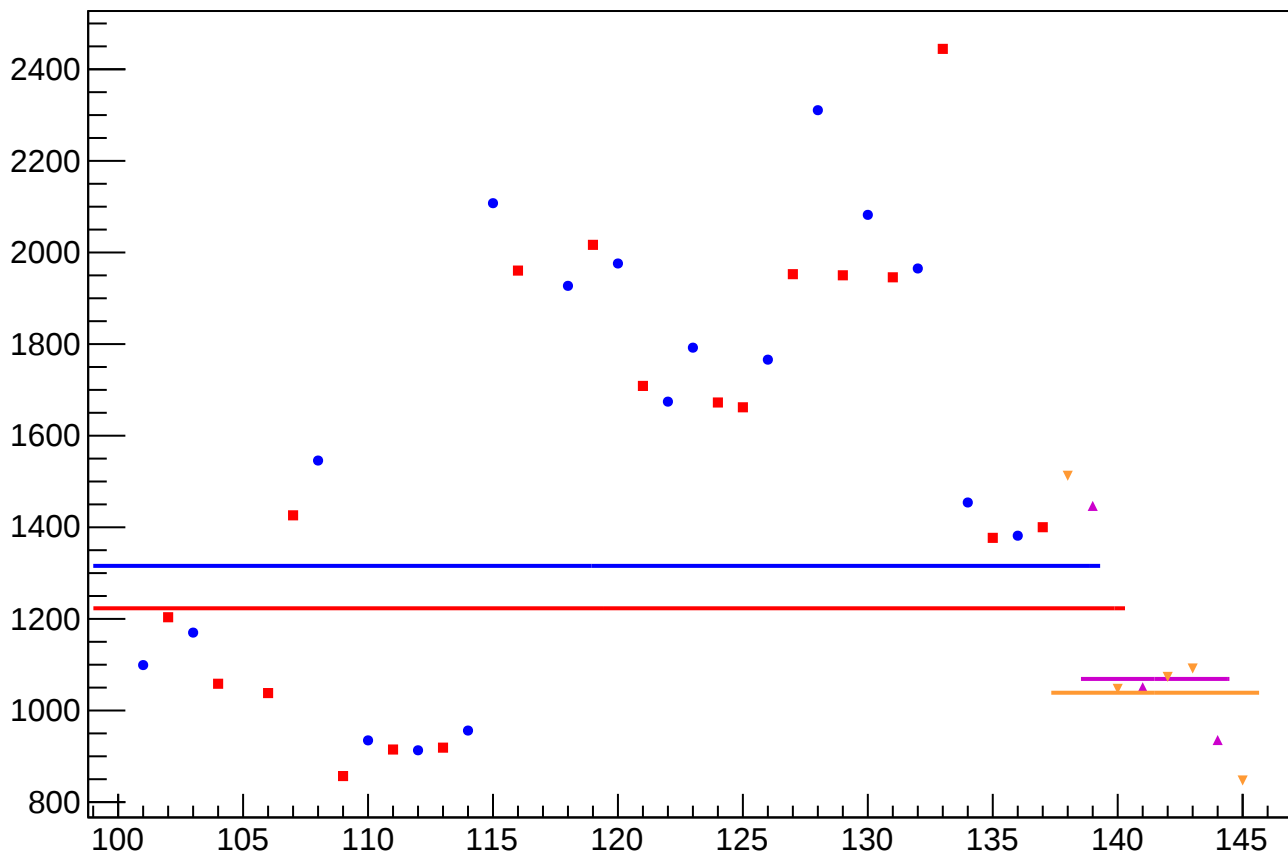
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 337.066+/-421.689 χ^2/NDF : 29.5/19

Out: -2.038+/-368.885 χ^2/NDF : 19.8/22

All: 144.966+/-277.645 χ^2/NDF : 49.6/42

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1038.810 $\pm$ 0.400 χ^2 /NDF:225509.2/4

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1068.944 $\pm$ 0.487 χ^2 /NDF:142668.8/2

Left: 1050.940 $\pm$ 0.309 χ^2 /NDF: 370463.0/7

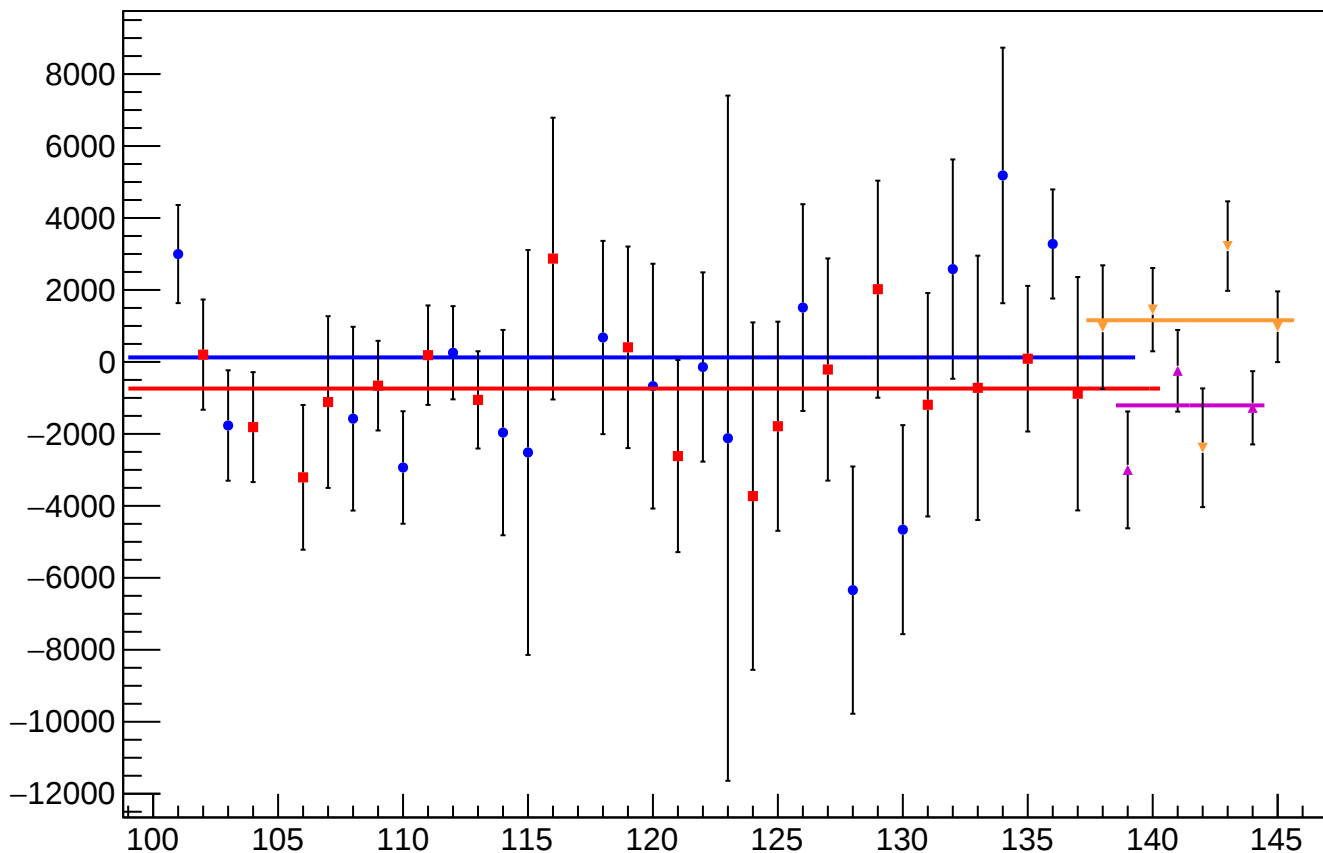
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1223.355 $\pm$ 0.298 χ^2 /NDF:1421536.2/19

Out: 1144.761 $\pm$ 0.261 χ^2 /NDF:1710678.7/22

All: 1178.832 $\pm$ 0.196 χ^2 /NDF: 3171571.7/42

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1158.029 $\pm$ 564.894 χ^2 /NDF: 7.5/4

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -1207.609 $\pm$ 686.782 χ^2 /NDF: 1.9/2

Left: 203.413 $\pm$ 436.274 χ^2 /NDF: 16.5/7

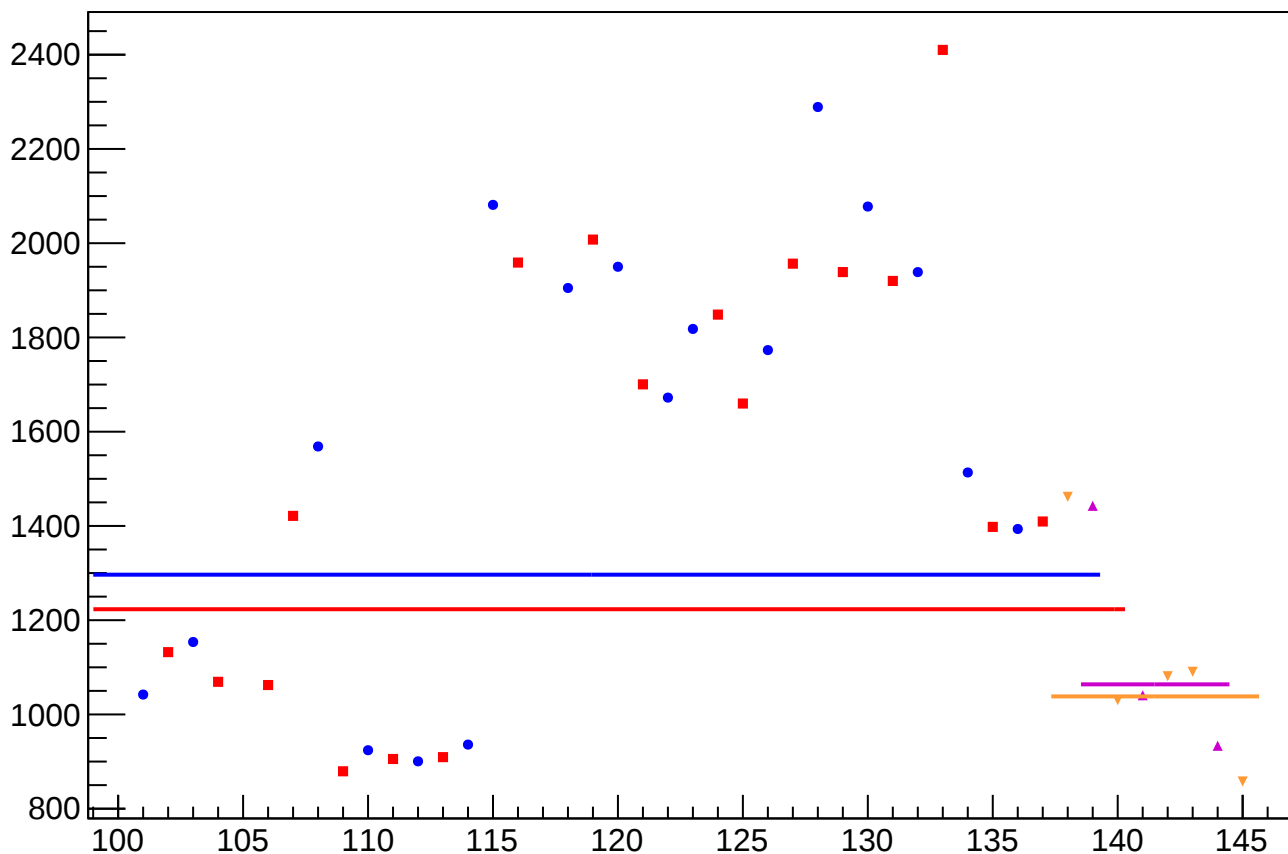
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -368.396 $\pm$ 417.994 χ^2 /NDF: 29.0/19

Out: 68.890 $\pm$ 368.768 χ^2 /NDF: 19.9/22

All: -122.500 $\pm$ 276.533 χ^2 /NDF: 49.5/42

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: 1063.858 +/- 0.486 χ^2/NDF : 142527.9/2

Left: 1048.601 +/- 0.308 χ^2/NDF : 338027.3/7

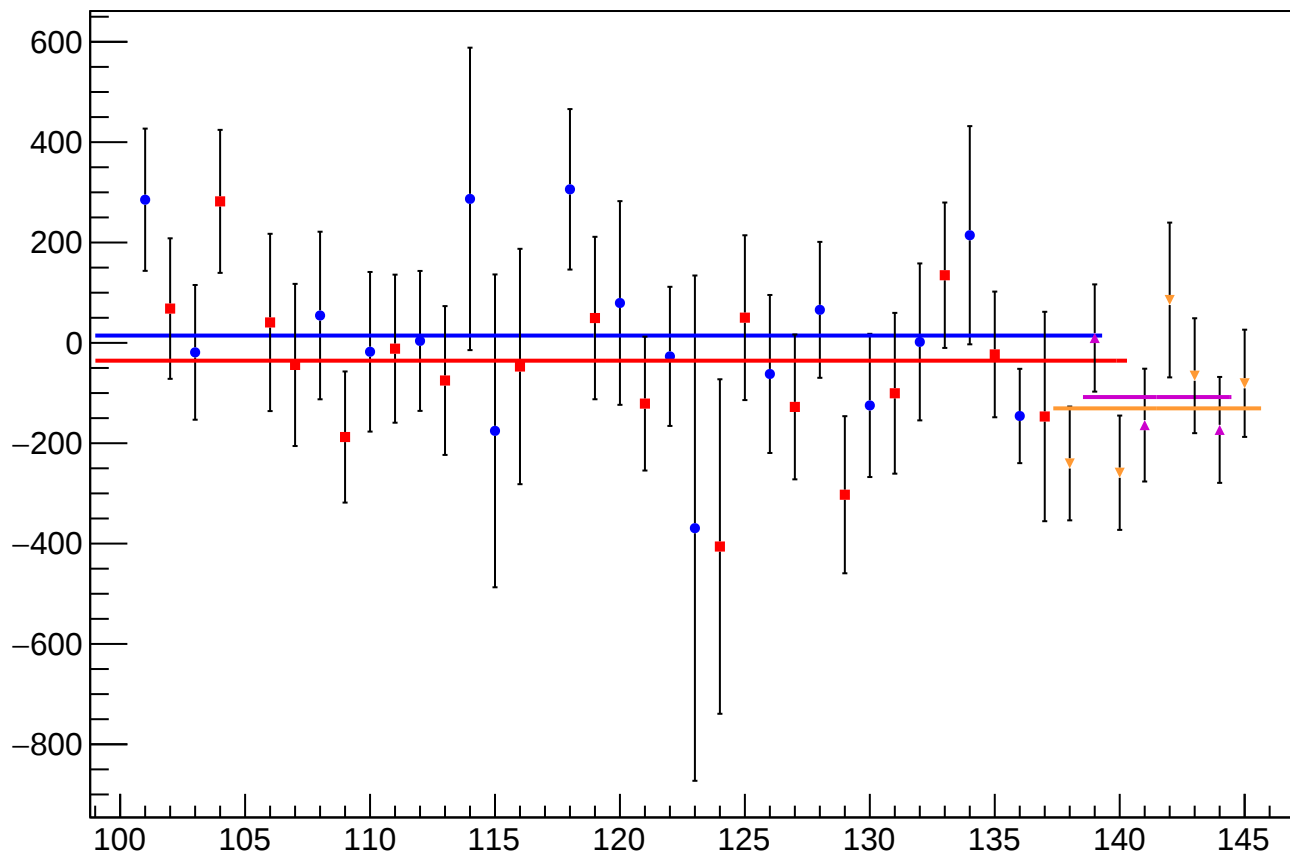
Right: 1257.036 +/- 0.253 χ^2/NDF : 2543039.6/34

In: 1210.369 +/- 0.296 χ^2/NDF : 1462566.8/19

Out: 1144.437 +/- 0.261 χ^2/NDF : 1663620.3/22

All: 1173.294 +/- 0.196 χ^2/NDF : 3154169.0/42

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -130.530 ± 52.651 $\chi^2/\text{NDF}: 4.7/4$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -107.965 ± 62.445 $\chi^2/\text{NDF}: 1.8/2$

Left: -121.154 ± 40.253 $\chi^2/\text{NDF}: 6.6/7$

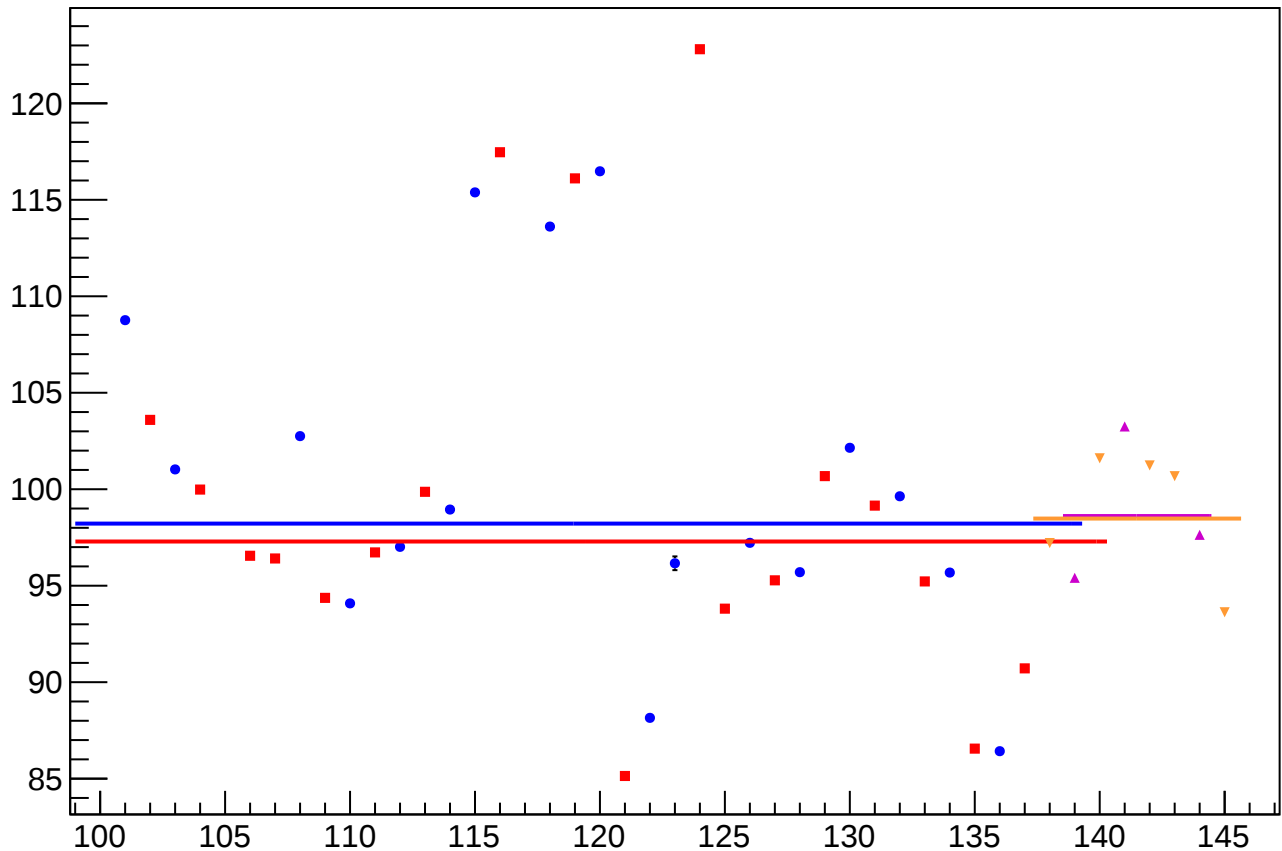
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -18.560 ± 32.472 $\chi^2/\text{NDF}: 18.8/19$

Out: -66.589 ± 30.123 $\chi^2/\text{NDF}: 21.4/22$

All: -44.375 ± 22.084 $\chi^2/\text{NDF}: 41.4/42$

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: 98.610+/-0.044 χ^2/NDF : 5375.2/2

Left: 98.534+/-0.028 χ^2/NDF : 12639.8/7

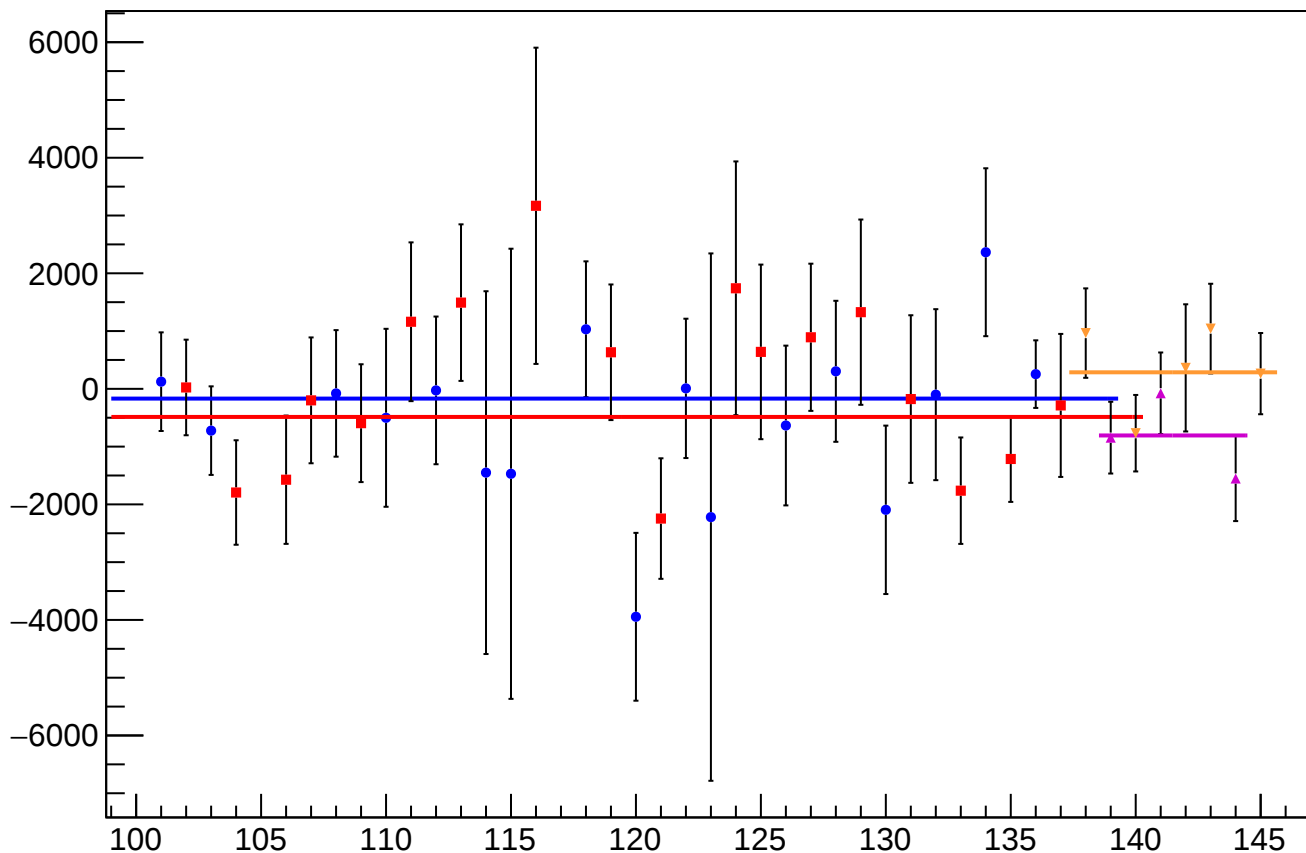
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 98.325+/-0.023 χ^2/NDF : 105942.8/19

Out: 97.680+/-0.021 χ^2/NDF : 104162.5/22

All: 97.978+/-0.016 χ^2/NDF : 210529.6/42

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 286.086 ± 343.846 χ^2/NDF : 4.3/4

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -806.949 ± 394.055 χ^2/NDF : 2.1/2

Left: -186.402 ± 259.081 χ^2/NDF : 10.7/7

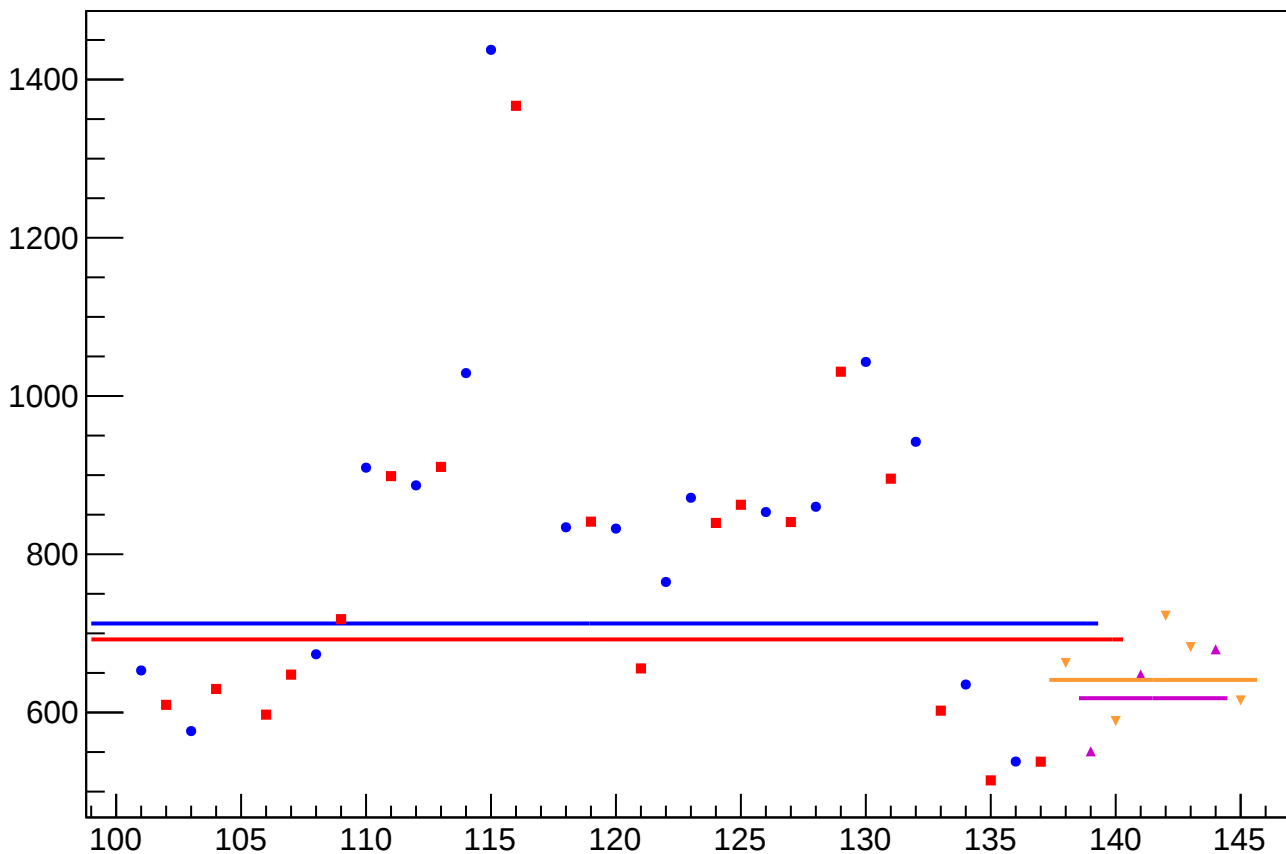
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -385.113 ± 229.422 χ^2/NDF : 18.4/19

Out: -194.400 ± 211.383 χ^2/NDF : 27.0/22

All: -281.965 ± 155.457 χ^2/NDF : 45.8/42

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: 618.052+/-0.279 χ^2/NDF : 40995.6/2

Left: 631.190+/-0.183 χ^2/NDF : 78098.5/7

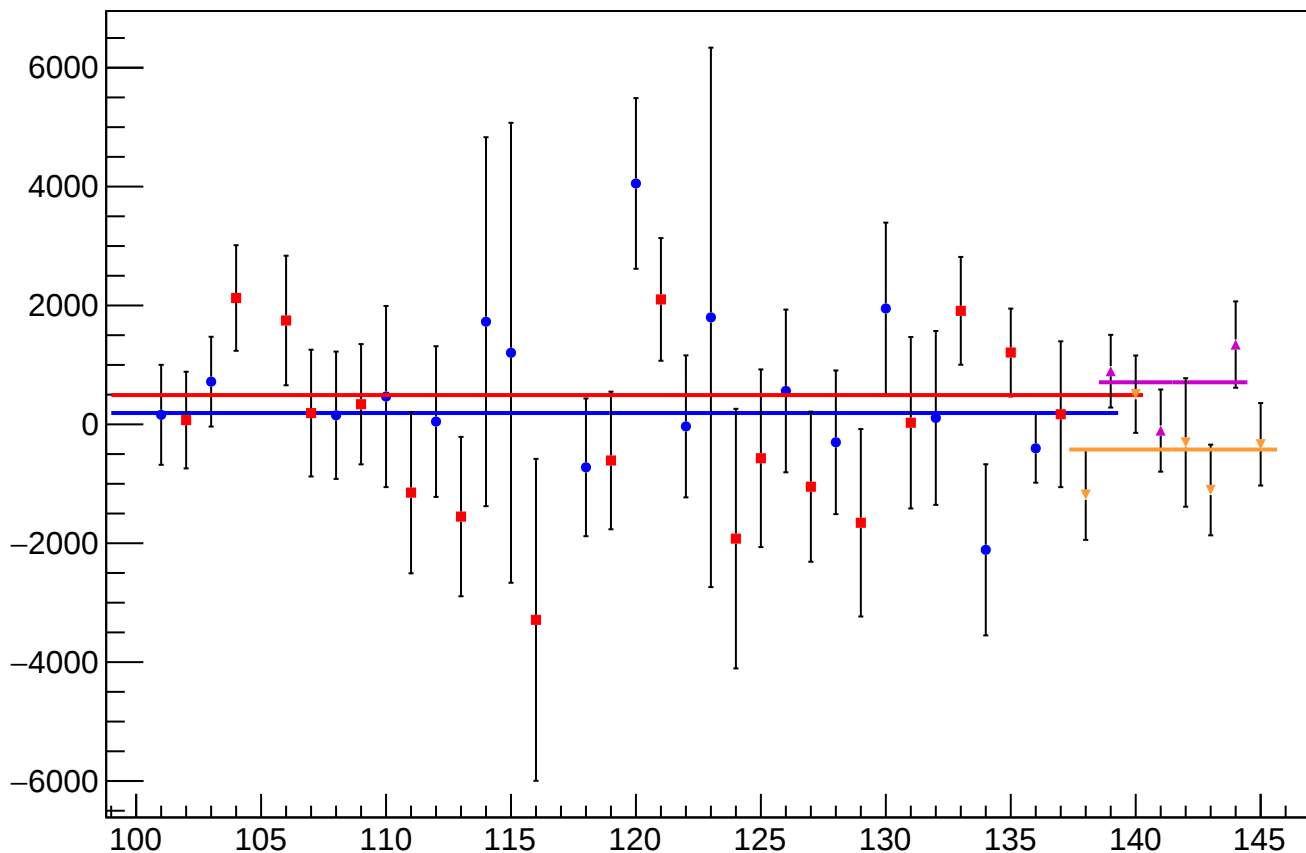
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 680.469+/-0.162 χ^2/NDF : 777427.1/19

Out: 673.012+/-0.149 χ^2/NDF : 717669.5/22

All: 676.436+/-0.110 χ^2/NDF : 1496239.6/42

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -423.305 ± 338.096 $\chi^2/\text{NDF}: 3.9/4$

Right Out: 492.784 ± 264.629 $\chi^2/\text{NDF}: 22.8/17$

Left In: 707.908 ± 387.452 $\chi^2/\text{NDF}: 2.2/2$

Left: 65.704 ± 254.744 $\chi^2/\text{NDF}: 11.0/7$

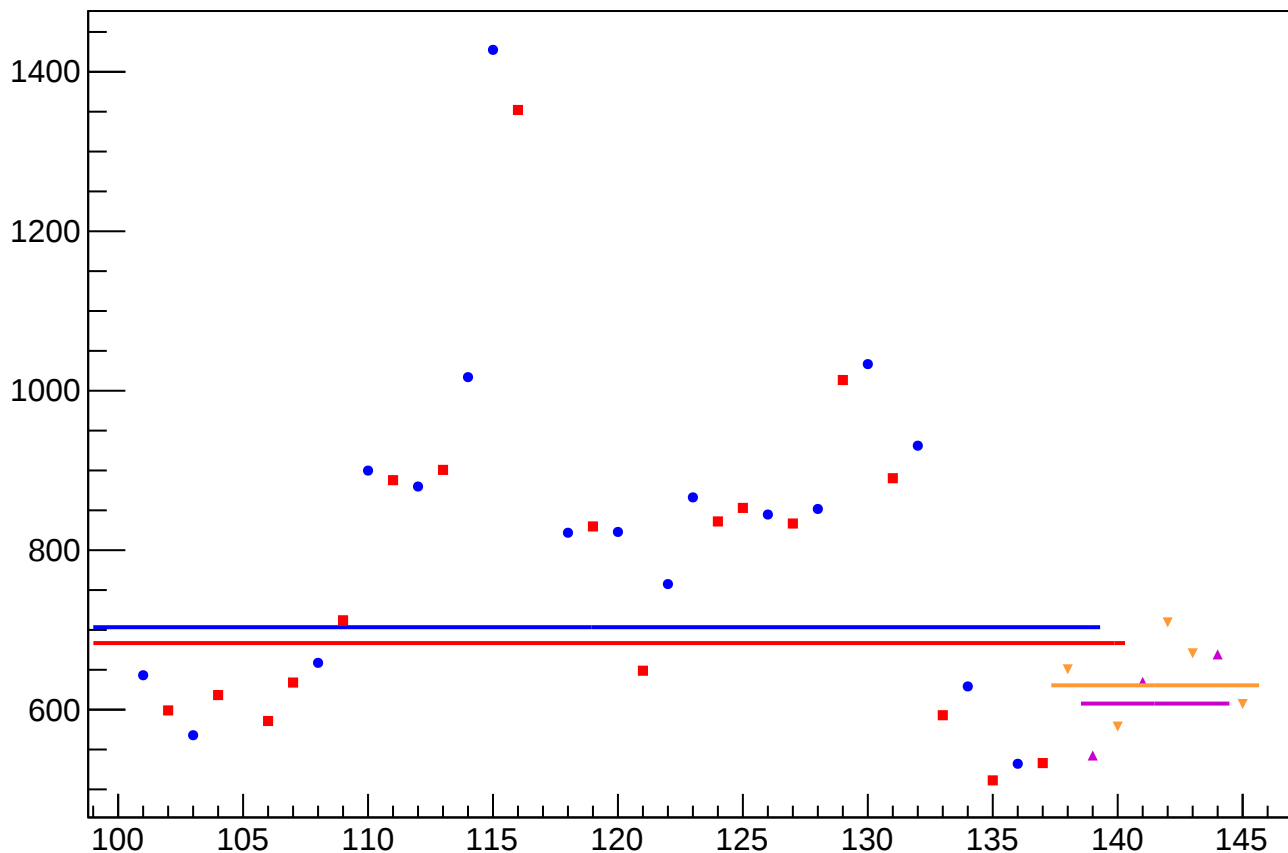
Right: 349.629 ± 191.893 $\chi^2/\text{NDF}: 37.6/34$

In: 367.153 ± 226.232 $\chi^2/\text{NDF}: 17.6/19$

Out: 144.768 ± 208.387 $\chi^2/\text{NDF}: 31.2/22$

All: 246.845 ± 153.273 $\chi^2/\text{NDF}: 49.3/42$

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: 607.616 $\pm$ 0.274 χ^2 /NDF: 40187.2/2

Left: 620.609 $\pm$ 0.180 χ^2 /NDF: 76698.9/7

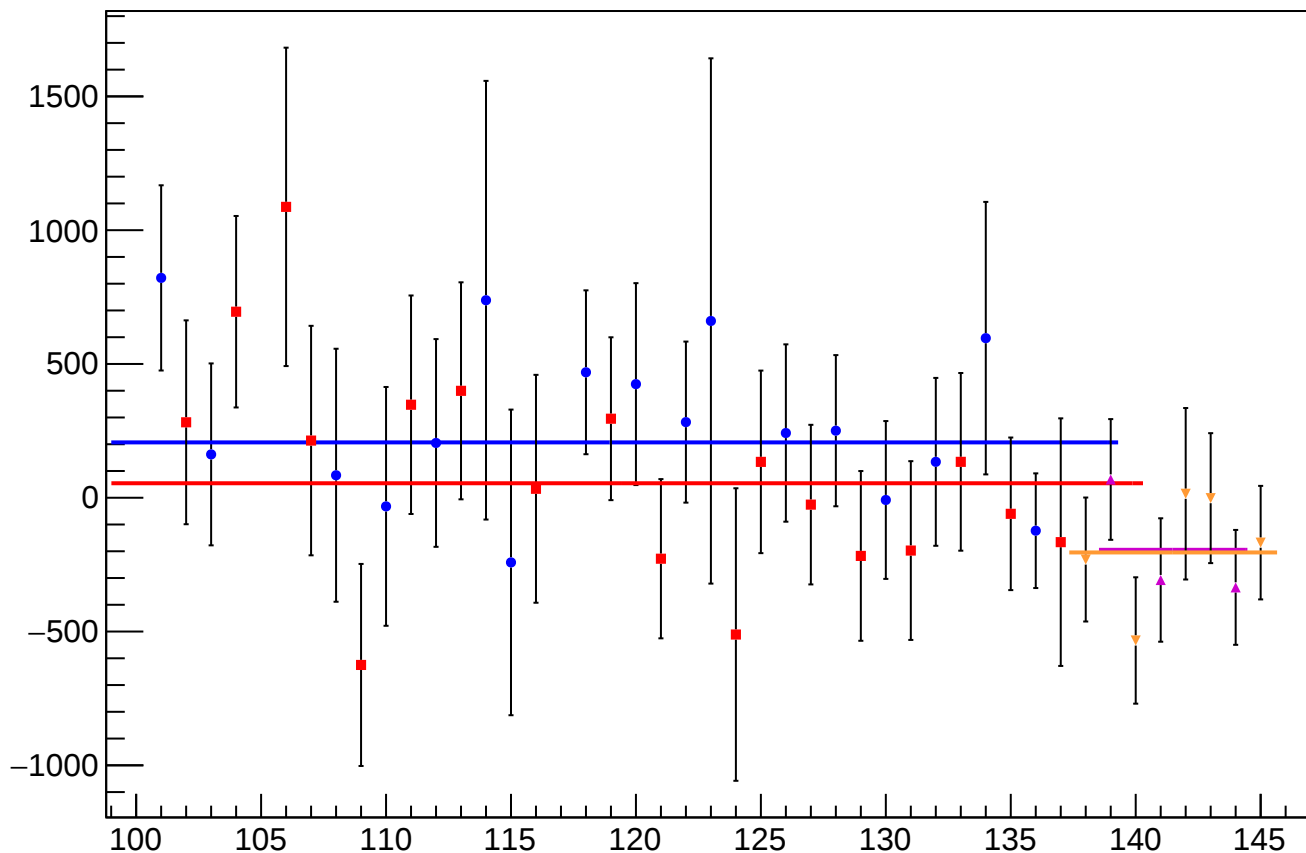
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 670.748 $\pm$ 0.160 χ^2 /NDF: 787640.7/19

Out: 663.362 $\pm$ 0.147 χ^2 /NDF: 722372.2/22

All: 666.752 $\pm$ 0.108 χ^2 /NDF: 1511166.2/42

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: -194.586 $\pm$ 128.945 χ^2 /NDF:2.0/2

Left: -200.362 $\pm$ 82.869 χ^2 /NDF: 5.2/7

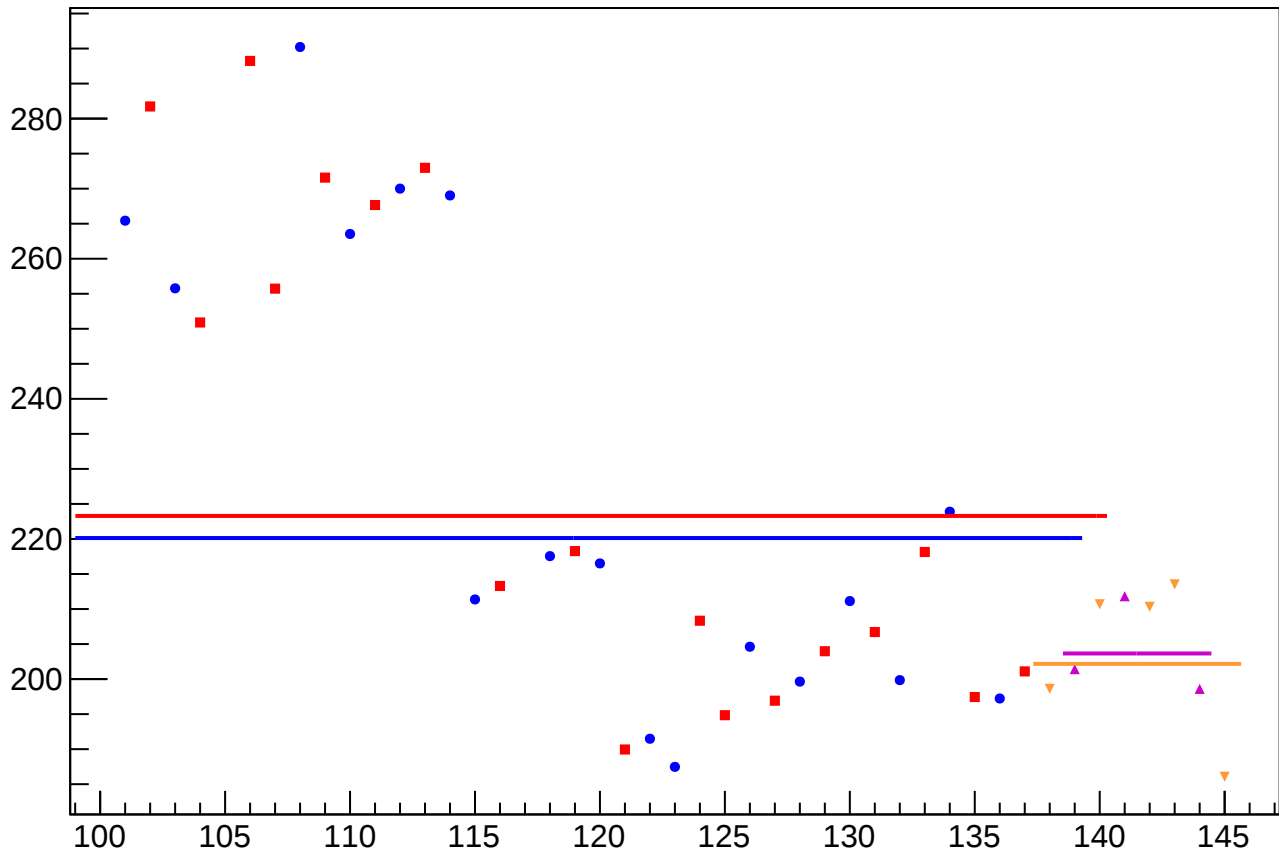
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: 84.008 $\pm$ 71.334 χ^2 /NDF:18.2/19

Out: -44.825 $\pm$ 66.926 χ^2 /NDF:22.3/22

All: 15.488 $\pm$ 48.808 χ^2 /NDF: 42.3/42

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: 203.657+/-0.091 χ^2/NDF : 3812.2/2

Left: 202.785+/-0.059 χ^2/NDF : 24228.5/7

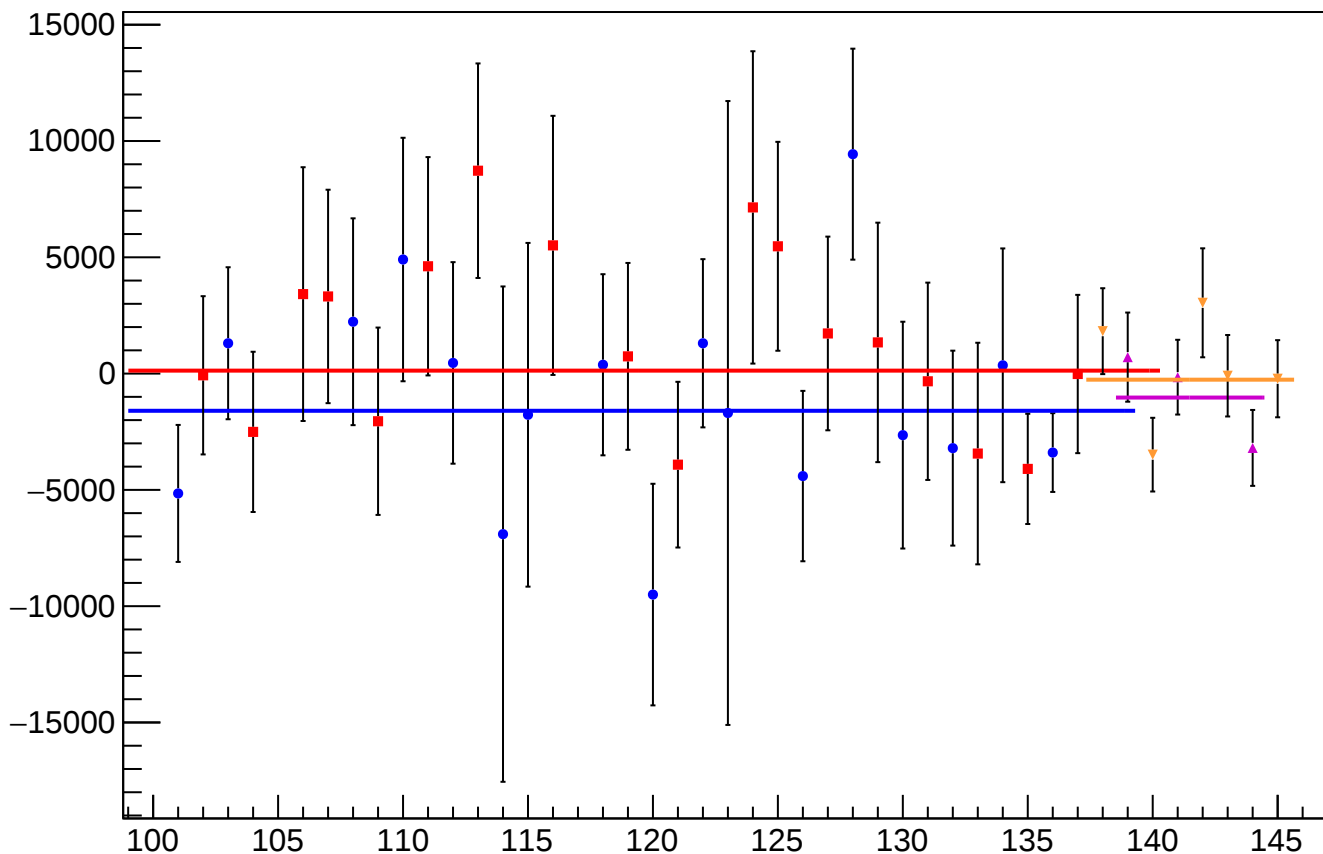
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 215.090+/-0.050 χ^2/NDF : 254915.8/19

Out: 215.203+/-0.047 χ^2/NDF : 339556.8/22

All: 215.150+/-0.035 χ^2/NDF : 594475.3/42

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: -1030.488 $\pm$ 982.950 χ^2 /NDF: 2.9/2

Left: -567.842 $\pm$ 620.334 χ^2 /NDF: 10.7/7

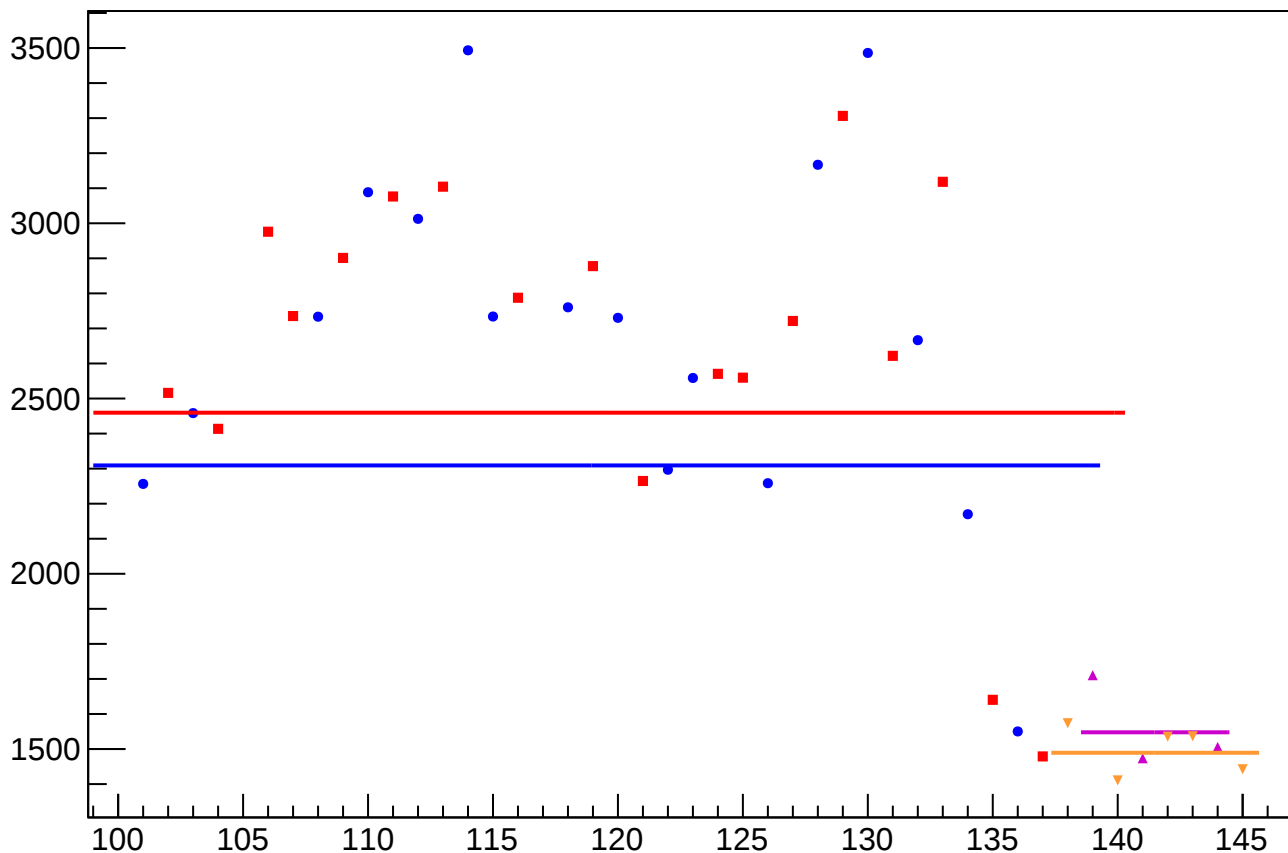
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1333.234 $\pm$ 672.096 χ^2 /NDF: 19.7/19

Out: -99.950 $\pm$ 611.554 χ^2 /NDF: 22.3/22

All: -658.554 $\pm$ 452.326 χ^2 /NDF: 43.9/42

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1489.336+/-0.565 χ^2/NDF :12948.1/4

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1547.746+/-0.695 χ^2/NDF :20010.8/2

Left: 1512.600+/-0.439 χ^2/NDF : 37208.3/7

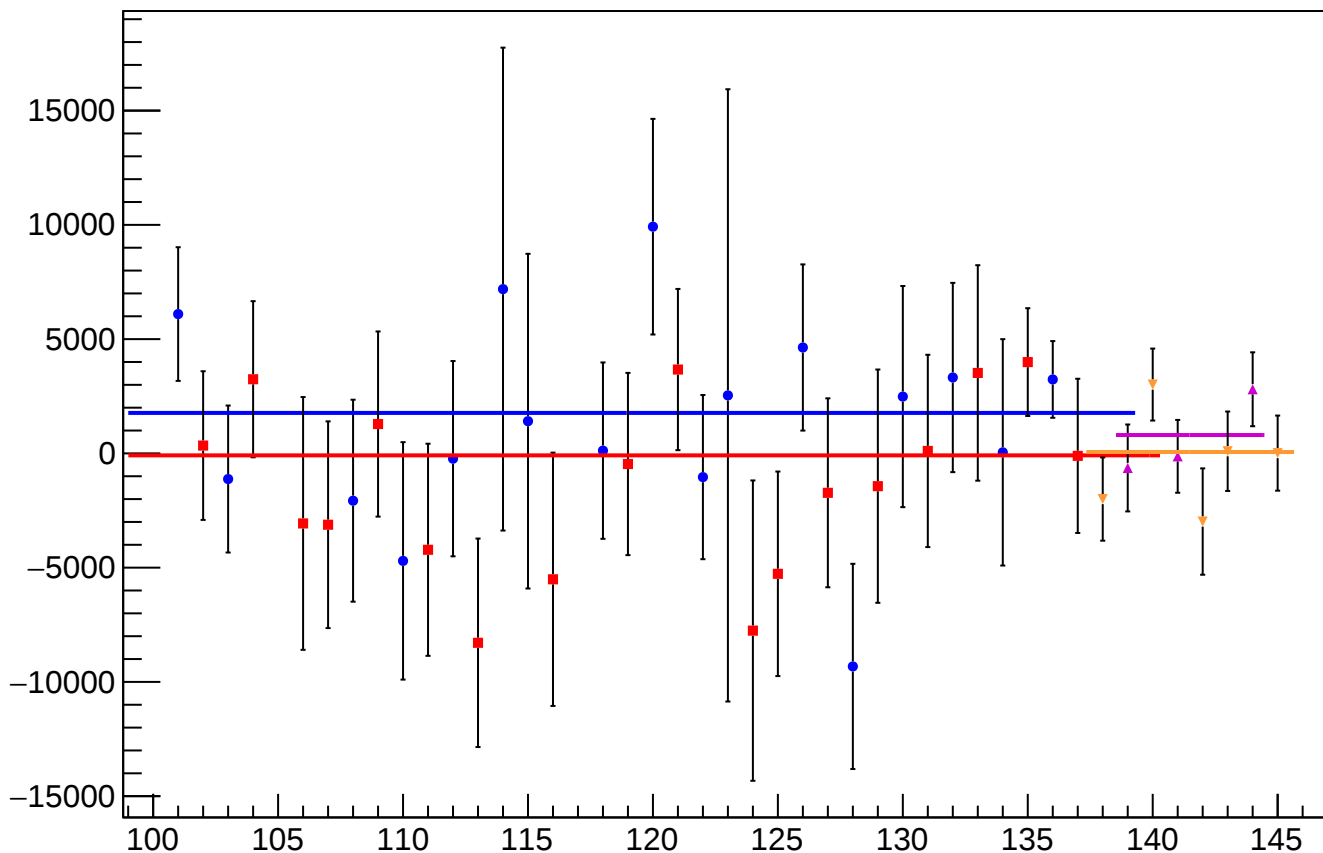
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1953.169+/-0.475 χ^2/NDF :1459708.7/19

Out: 1892.185+/-0.432 χ^2/NDF :1903506.7/22

All: 1919.807+/-0.320 χ^2/NDF : 3372223.5/42

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: 803.556+/-974.680 χ^2/NDF : 2.5/2

Left: 356.258+/-615.035 χ^2/NDF : 9.3/7

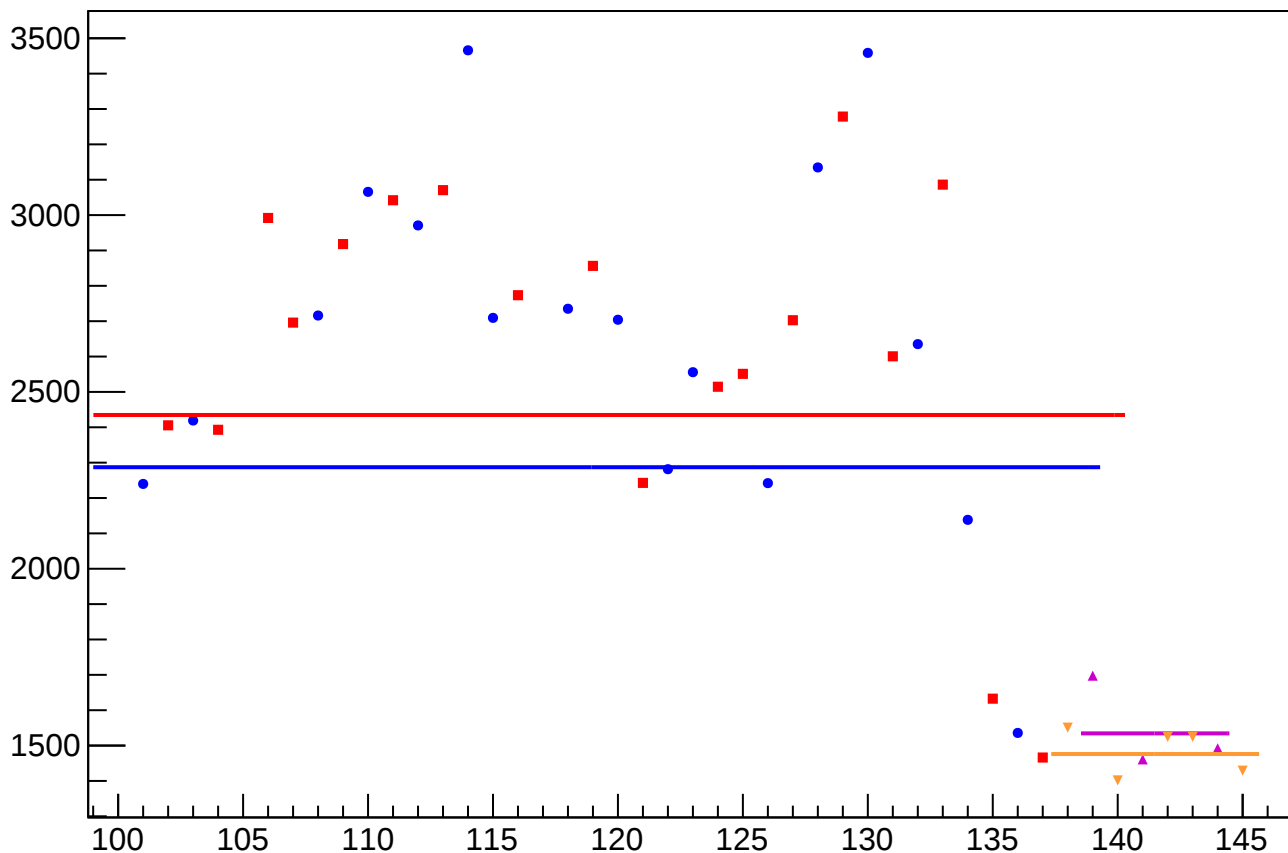
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1319.359+/-666.066 χ^2/NDF : 20.3/19

Out: -0.544+/-605.995 χ^2/NDF : 21.0/22

All: 597.216+/-448.239 χ^2/NDF : 43.4/42

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: 1534.499 $\pm$ 0.689 χ^2/NDF : 20343.3/2

Left: 1499.355 $\pm$ 0.435 χ^2/NDF : 36570.8/7

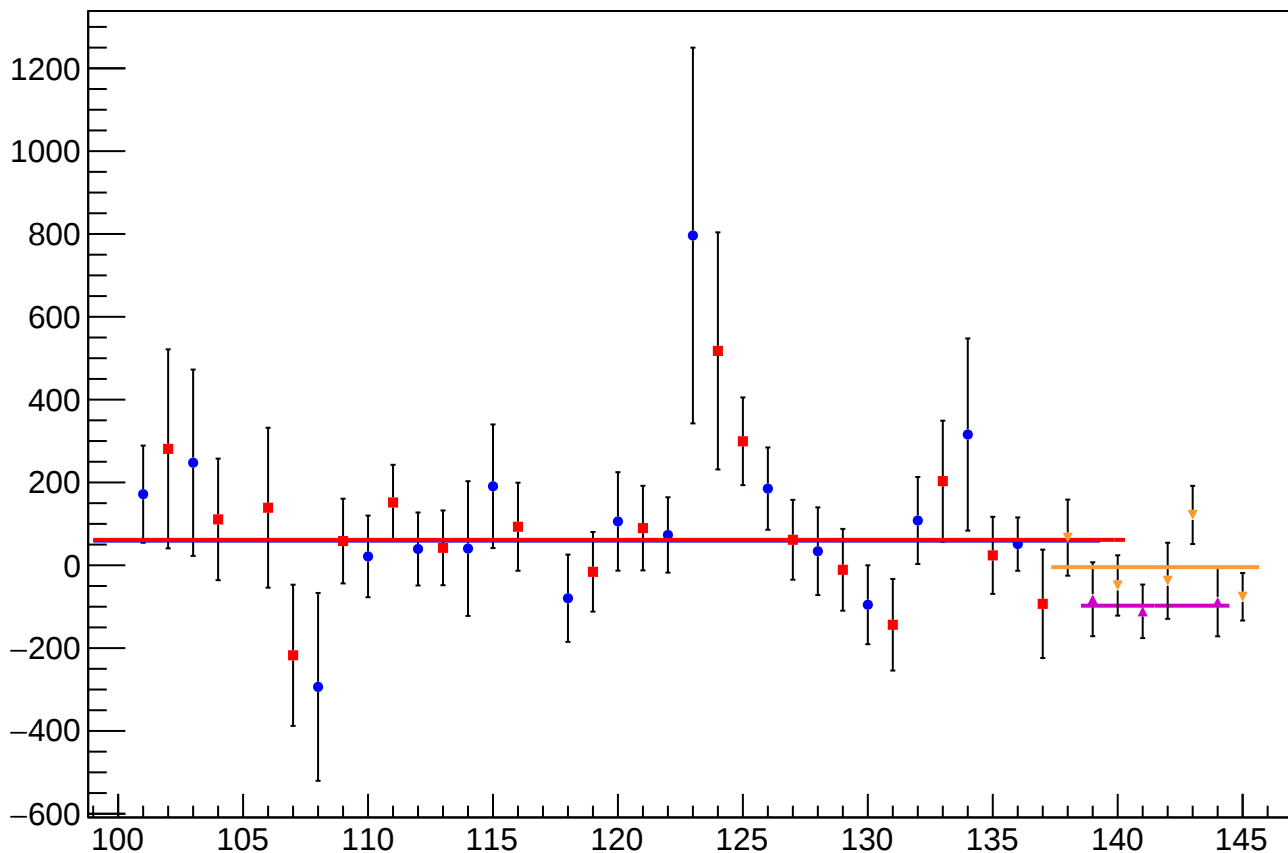
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1935.642 $\pm$ 0.471 χ^2/NDF : 1455321.8/19

Out: 1874.663 $\pm$ 0.429 χ^2/NDF : 1894664.5/22

All: 1902.279 $\pm$ 0.317 χ^2/NDF : 3359157.6/42

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: -97.527 $\pm$ 44.287 χ^2 /NDF: 0.1/2

Left: -37.343 $\pm$ 26.329 χ^2 /NDF: 8.8/7

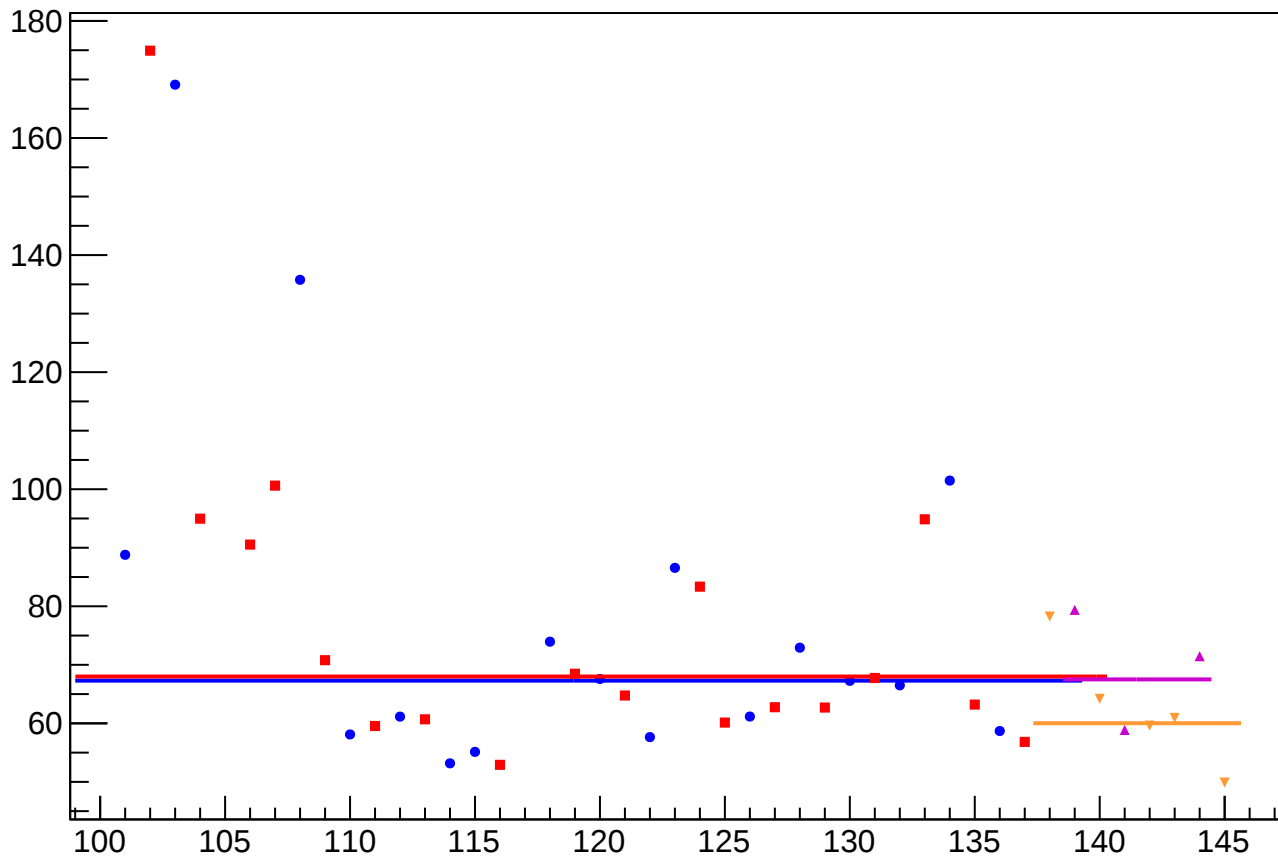
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 16.881 $\pm$ 23.103 χ^2 /NDF: 24.6/19

Out: 34.736 $\pm$ 20.836 χ^2 /NDF: 28.0/22

All: 26.727 $\pm$ 15.473 χ^2 /NDF: 52.9/42

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 60.021+/-0.023 χ^2/NDF : 148280.0/4

Right Out: 67.998+/-0.019 χ^2/NDF : 754329.7/17

Left In: 67.509+/-0.031 χ^2/NDF : 75690.8/2

Left: 62.668+/-0.019 χ^2/NDF : 260934.8/7

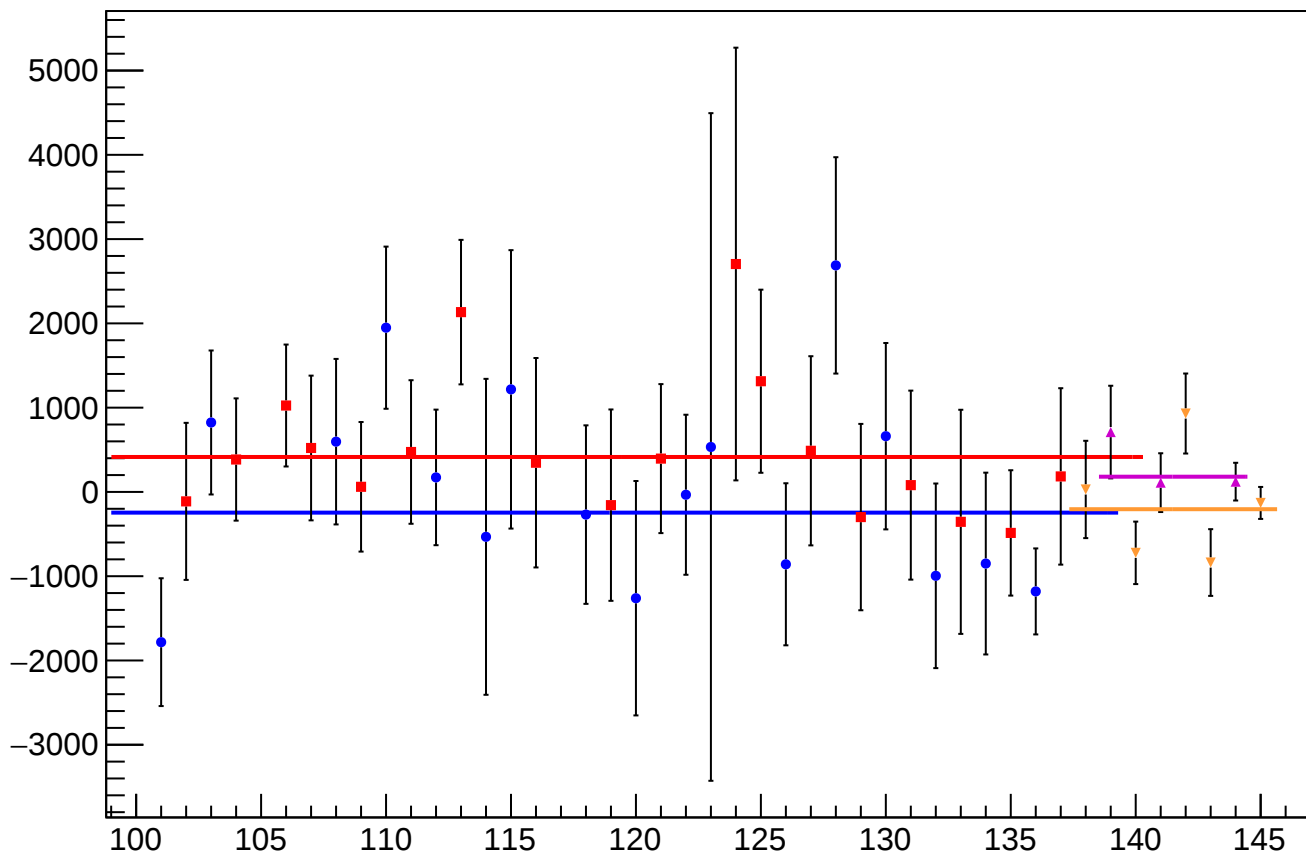
Right: 67.648+/-0.014 χ^2/NDF : 1596354.2/34

In: 67.355+/-0.016 χ^2/NDF : 917076.3/19

Out: 64.768+/-0.015 χ^2/NDF : 973243.7/22

All: 65.928+/-0.011 χ^2/NDF : 1904144.5/42

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: 180.717+/-178.172 χ^2/NDF :1.0/2

Left: -53.799+/-111.544 χ^2/NDF : 14.4/7

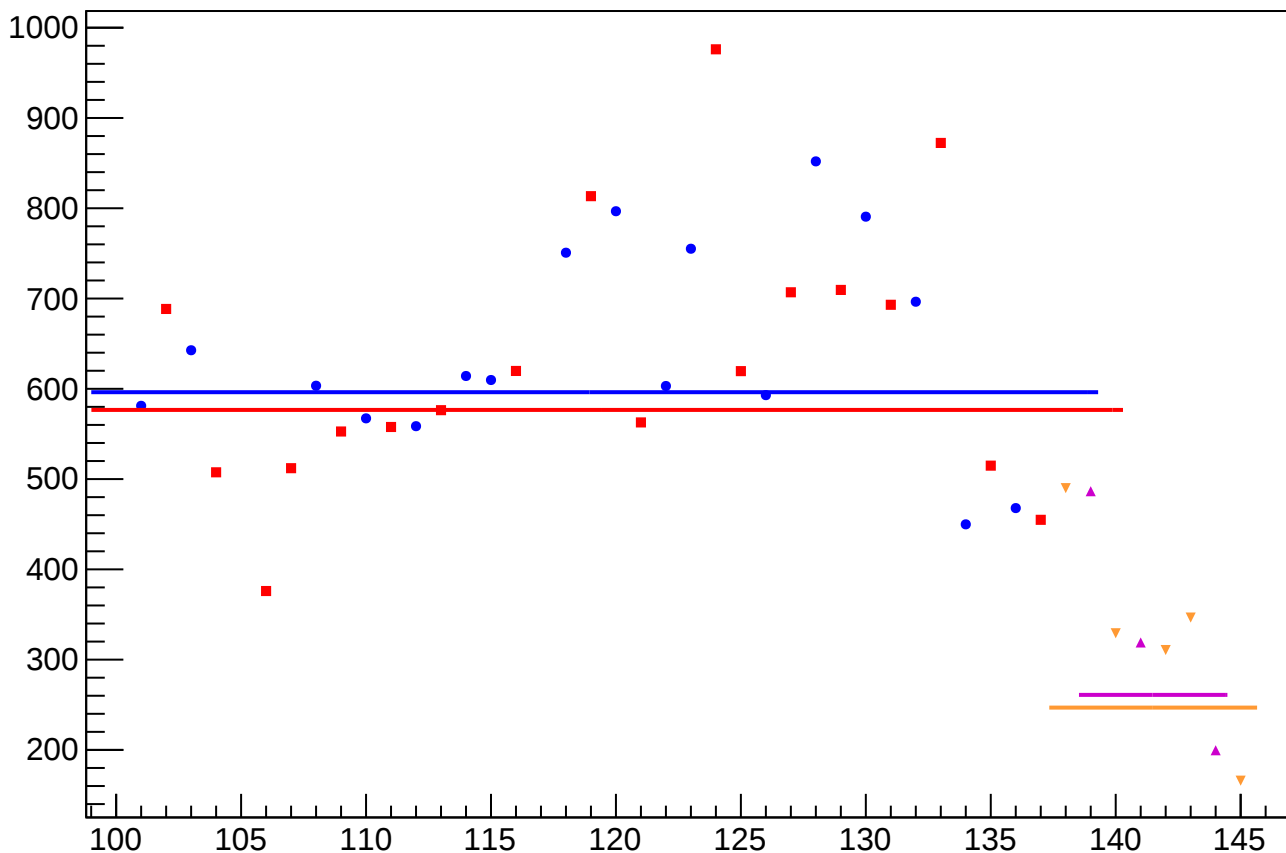
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: 25.434+/-142.067 χ^2/NDF :26.9/19

Out: -24.067+/-120.369 χ^2/NDF :25.4/22

All: -3.382+/-91.838 χ^2/NDF : 52.4/42

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: 260.957 $\pm$ 0.126 χ^2 /NDF: 542661.1/2

Left: 252.390 $\pm$ 0.079 χ^2 /NDF: 1530569.2/7

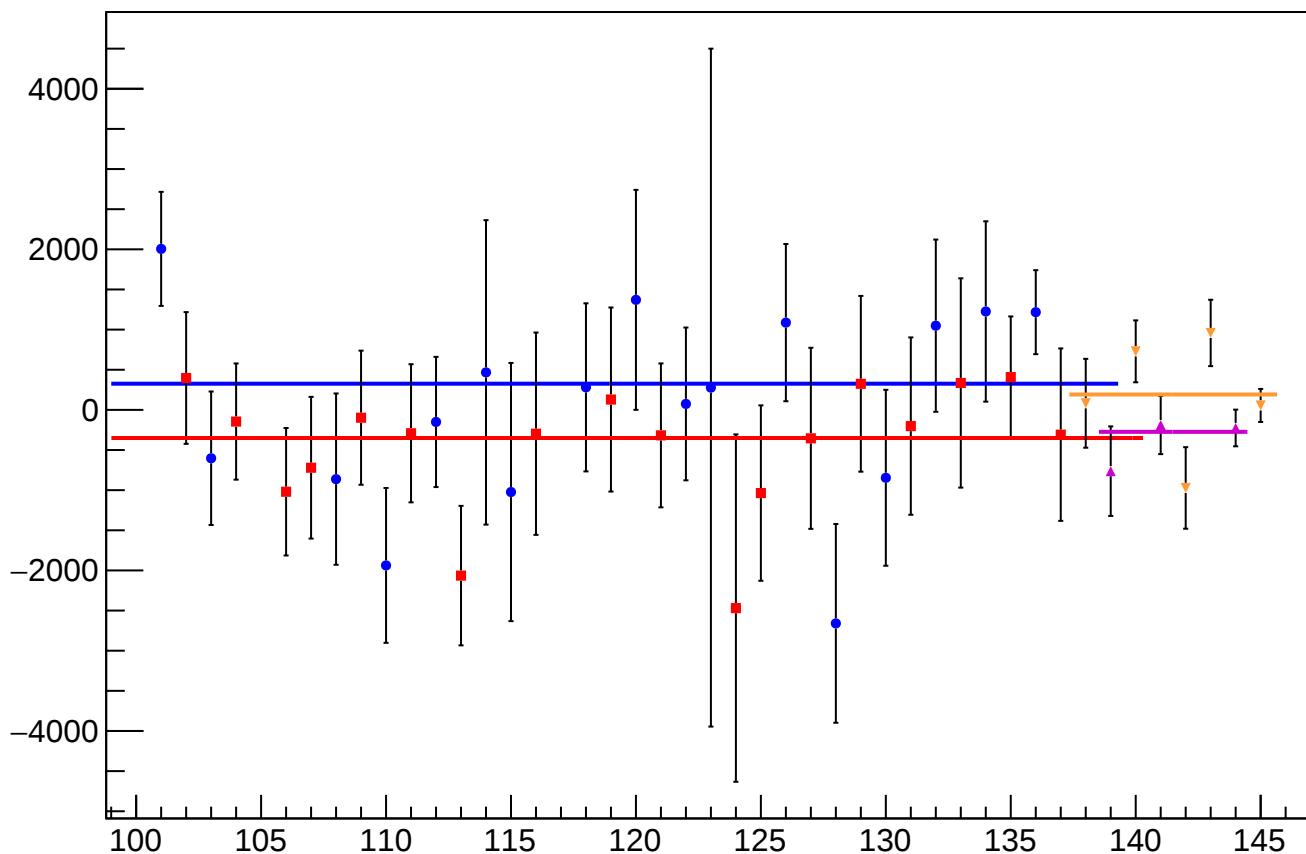
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 383.075 $\pm$ 0.100 χ^2 /NDF: 3544393.4/19

Out: 343.124 $\pm$ 0.085 χ^2 /NDF: 4656336.9/22

All: 359.819 $\pm$ 0.065 χ^2 /NDF: 8292799.6/42

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 191.943+/-151.873 χ^2/NDF :11.1/4

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -273.684+/-182.607 χ^2/NDF :0.9/2

Left: 1.557+/-116.766 χ^2/NDF : 15.8/7

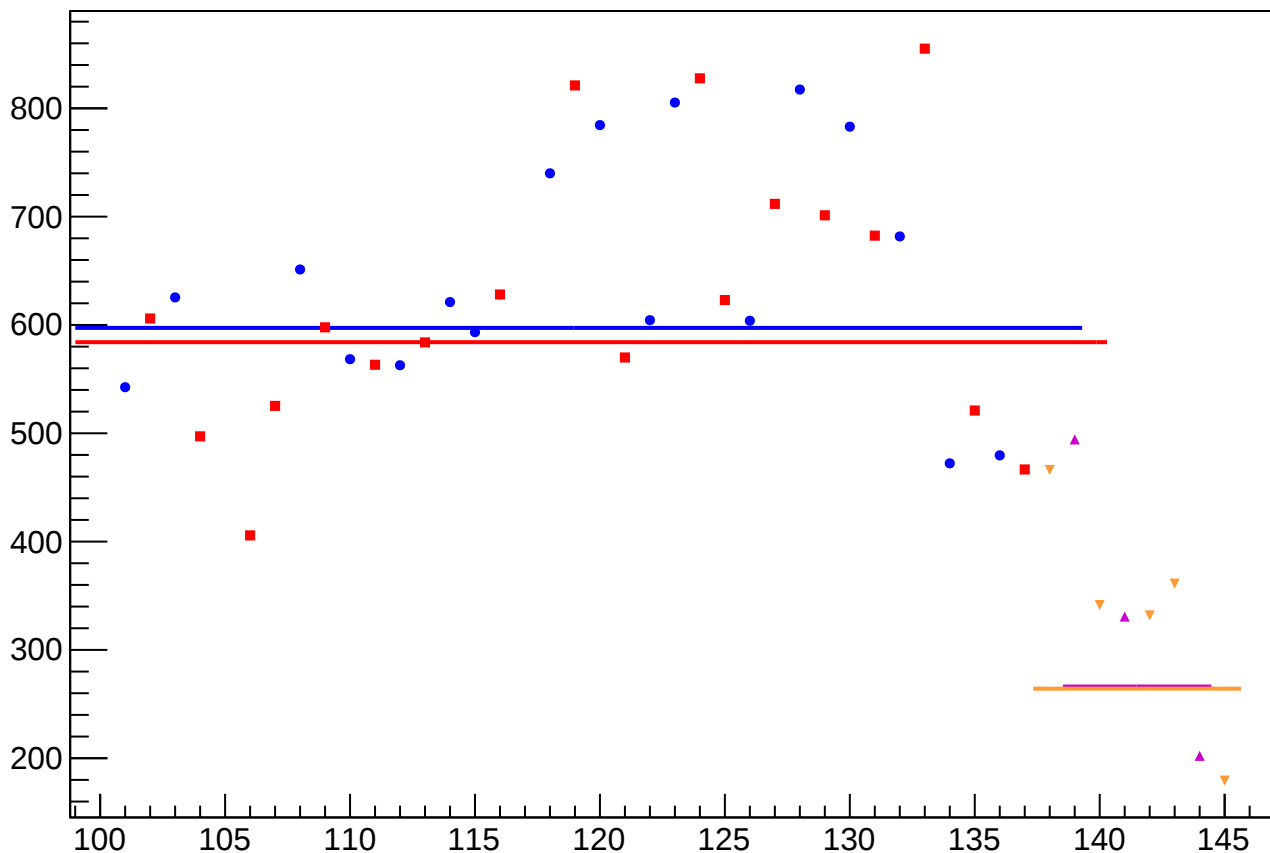
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -48.600+/-144.330 χ^2/NDF :31.8/19

Out: 22.454+/-125.925 χ^2/NDF :24.1/22

All: -8.256+/-94.887 χ^2/NDF : 56.0/42

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 264.231 $\pm$ 0.107 χ^2 /NDF: 832655.0/4

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 266.184 $\pm$ 0.129 χ^2 /NDF: 554935.3/2

Left: 265.029 $\pm$ 0.083 χ^2 /NDF: 1387725.6/7

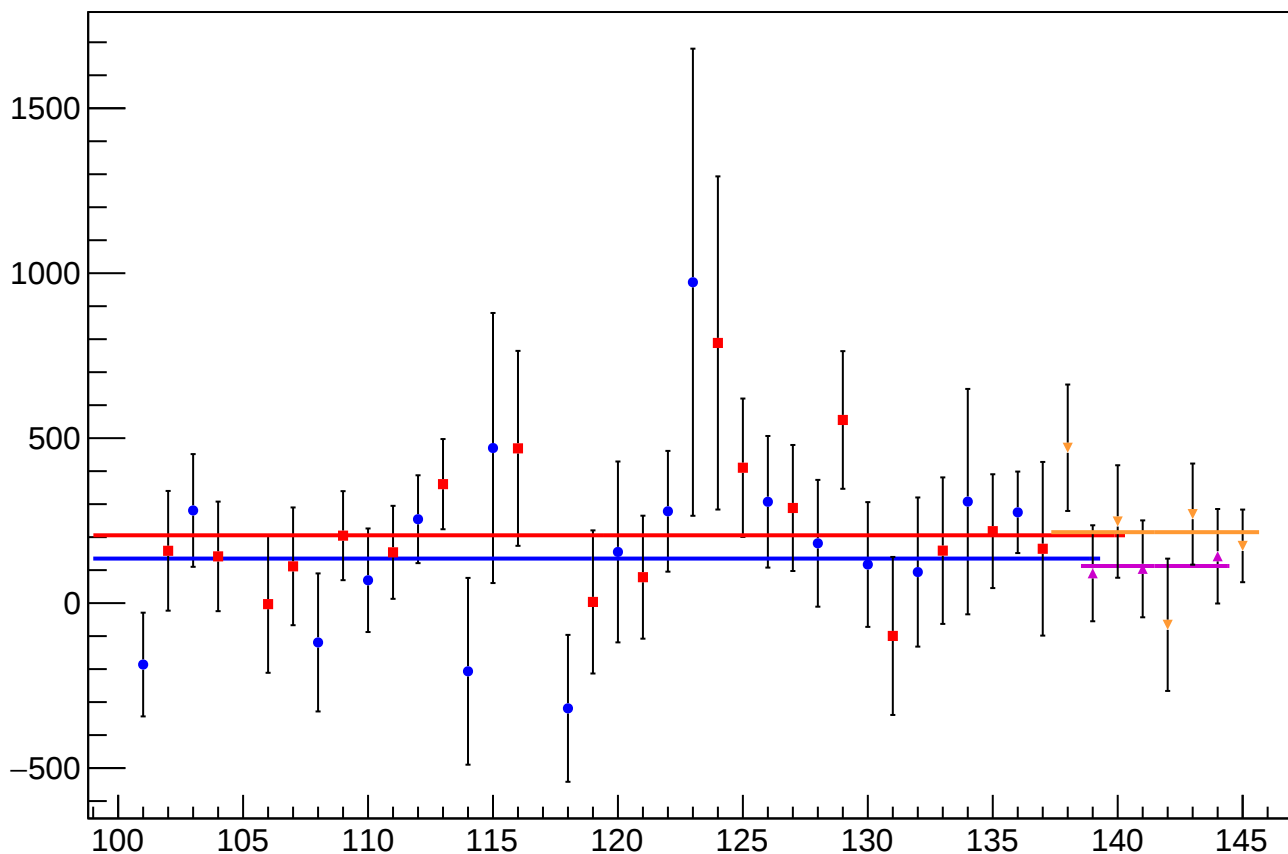
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 390.448 $\pm$ 0.102 χ^2 /NDF: 3386428.8/19

Out: 364.199 $\pm$ 0.089 χ^2 /NDF: 4052367.1/22

All: 375.544 $\pm$ 0.067 χ^2 /NDF: 7476354.0/42

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: 112.514 $\pm$ 83.812 χ^2 /NDF:0.1/2

Left: 173.822 $\pm$ 53.150 χ^2 /NDF: 5.0/7

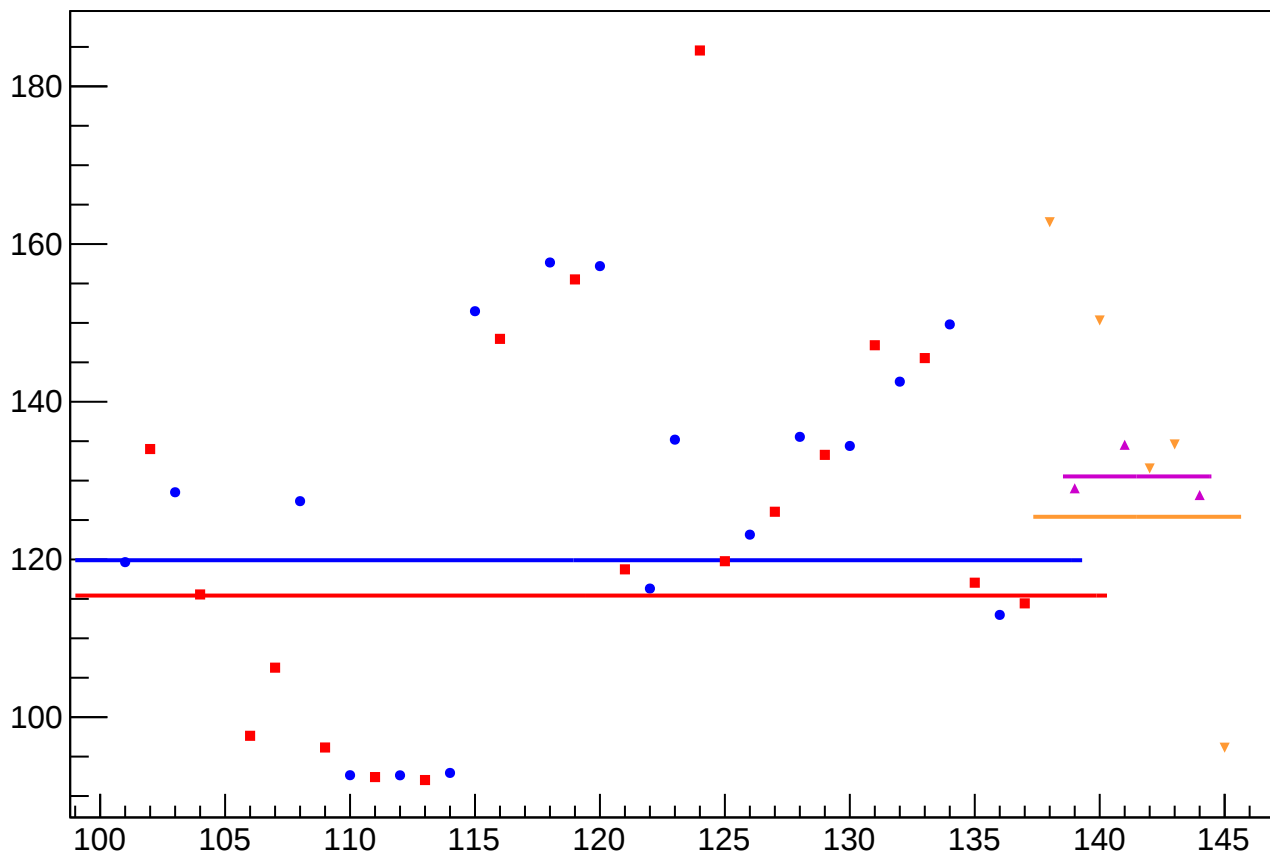
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 129.638 $\pm$ 41.010 χ^2 /NDF:18.2/19

Out: 208.390 $\pm$ 37.376 χ^2 /NDF:16.1/22

All: 172.657 $\pm$ 27.625 χ^2 /NDF: 36.3/42

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: 130.530 $\pm$ 0.059 χ^2 /NDF: 2251.4/2

Left: 127.471 $\pm$ 0.038 χ^2 /NDF: 275984.8/7

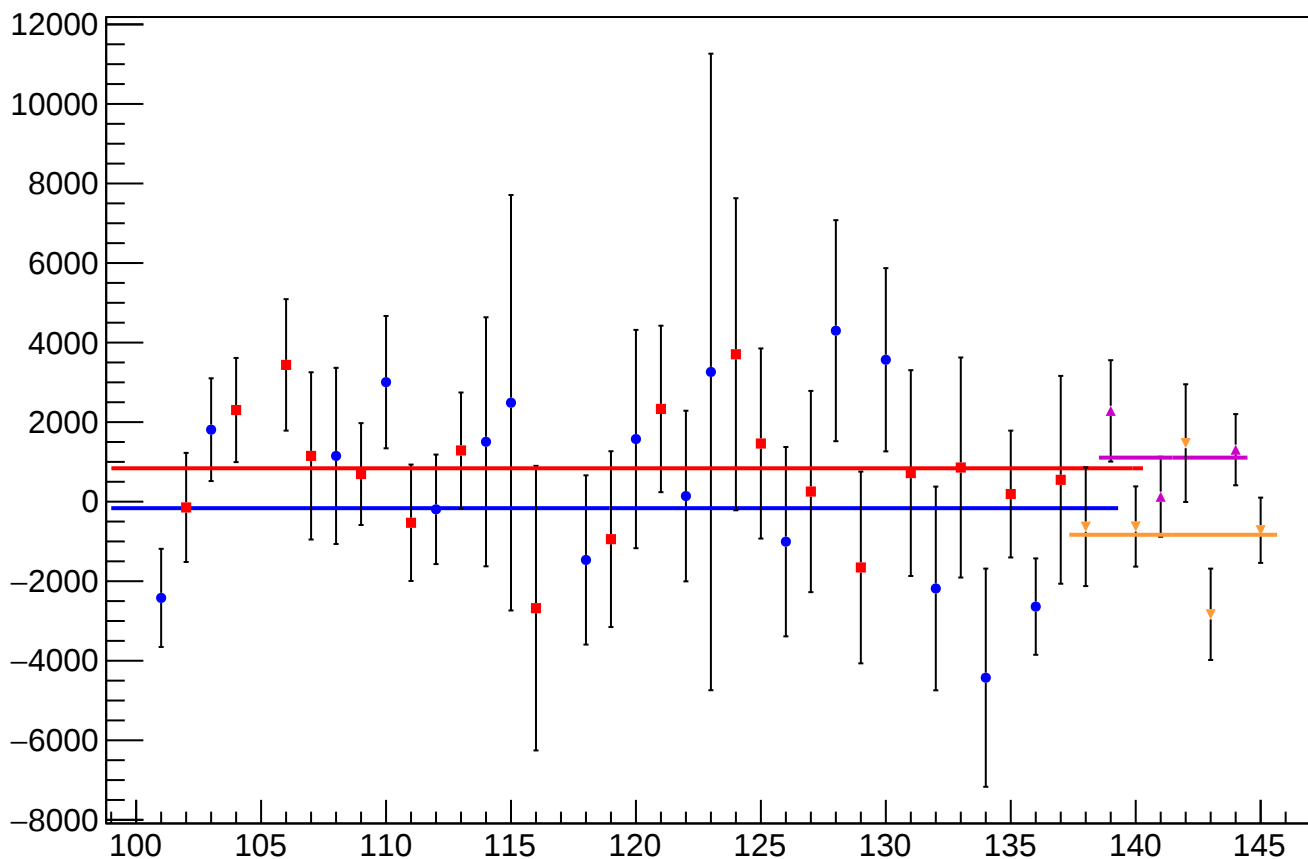
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 122.448 $\pm$ 0.029 χ^2 /NDF: 372217.5/19

Out: 118.376 $\pm$ 0.026 χ^2 /NDF: 717128.9/22

All: 120.223 $\pm$ 0.020 χ^2 /NDF: 1100117.5/42

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -832.207+/-492.031 χ^2/NDF : 5.5/4

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 1107.181+/-592.016 χ^2/NDF : 1.9/2

Left: -39.880+/-378.402 χ^2/NDF : 13.7/7

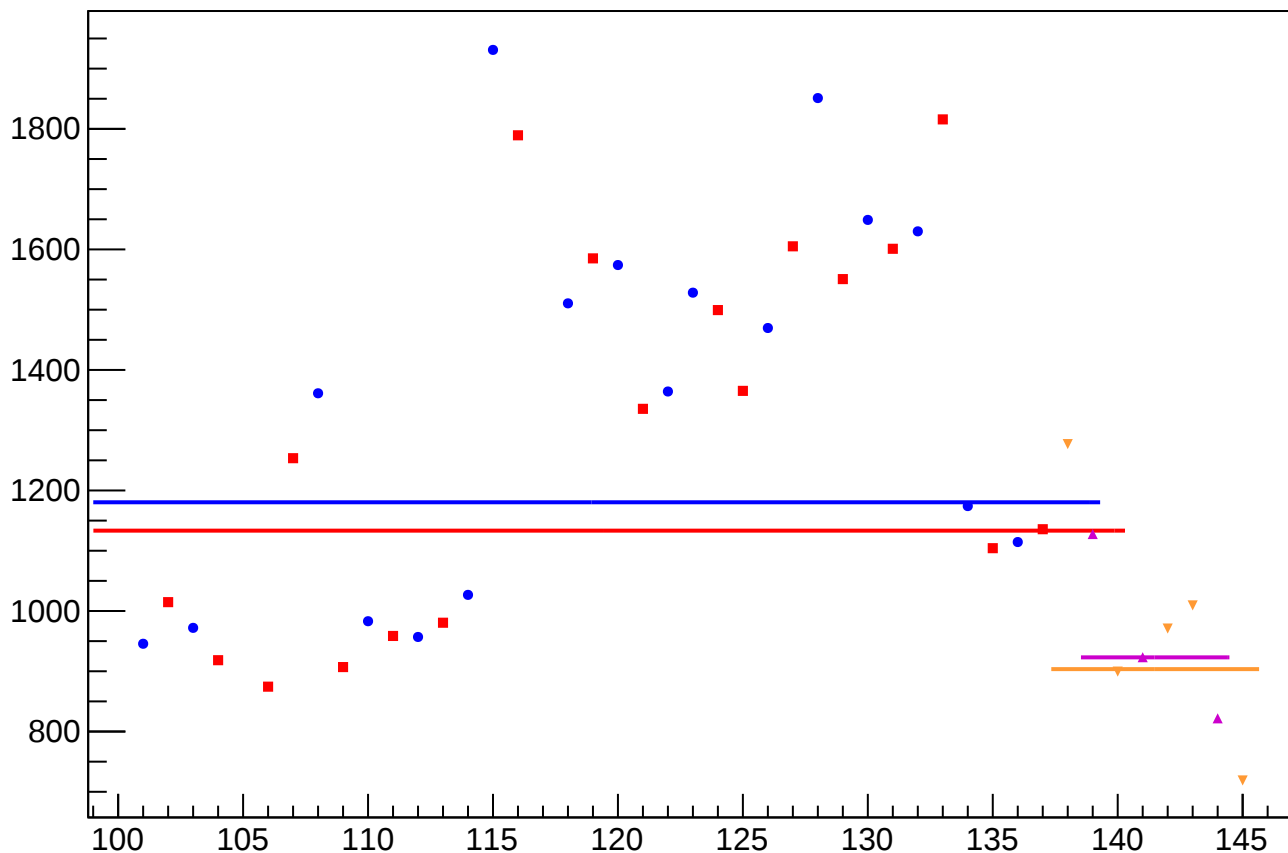
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 327.206+/-367.905 χ^2/NDF : 28.4/19

Out: 95.614+/-328.182 χ^2/NDF : 21.2/22

All: 198.237+/-244.904 χ^2/NDF : 49.8/42

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 903.559+/-0.348 χ^2/NDF : 247517.5/4

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 923.066+/-0.419 χ^2/NDF : 77119.5/2

Left: 911.529+/-0.268 χ^2/NDF : 325921.2/7

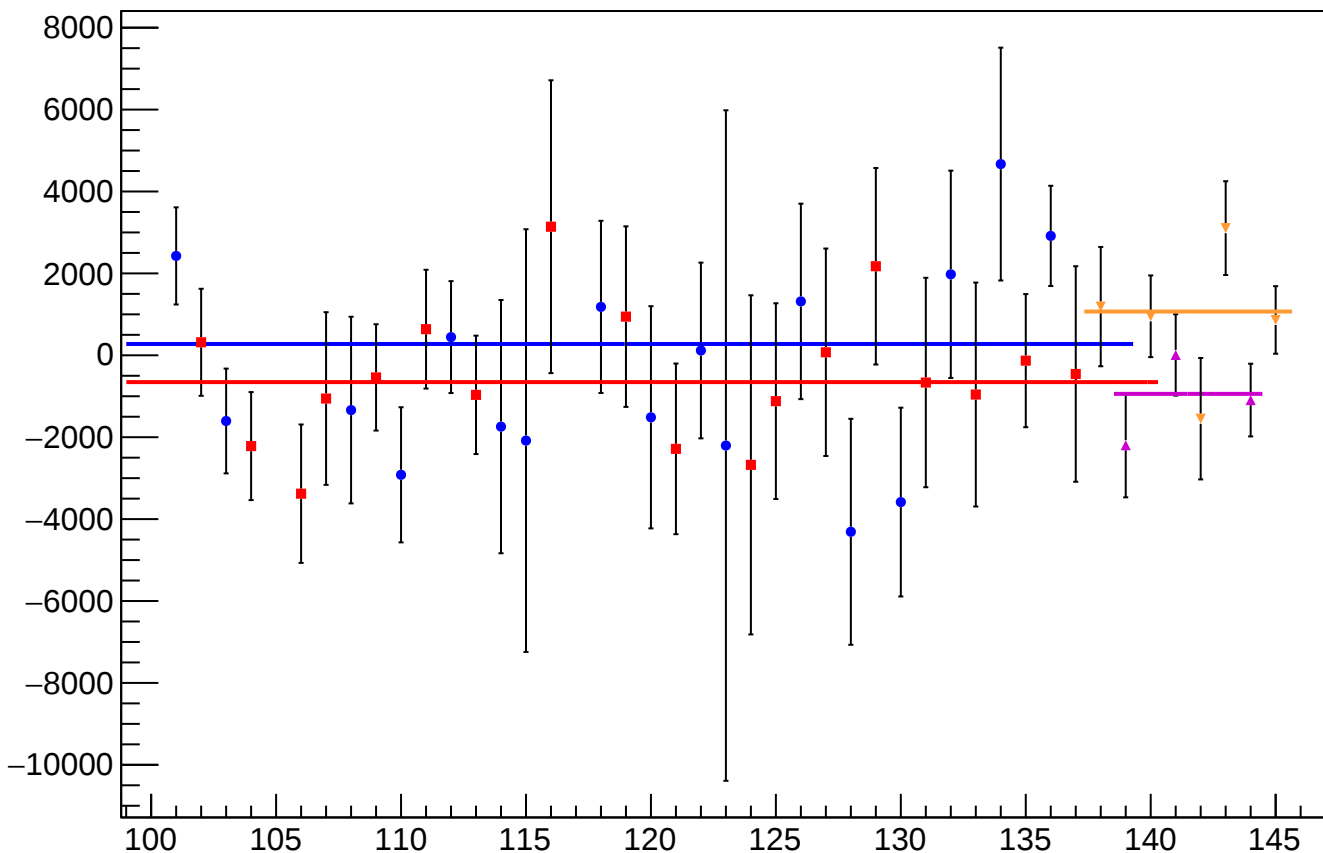
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1081.021+/-0.260 χ^2/NDF : 977917.9/19

Out: 1031.119+/-0.232 χ^2/NDF : 1250062.9/22

All: 1053.231+/-0.173 χ^2/NDF : 2248471.8/42

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: -941.951+/-587.260 χ^2/NDF :1.9/2

Left: 243.694+/-376.195 χ^2/NDF : 15.2/7

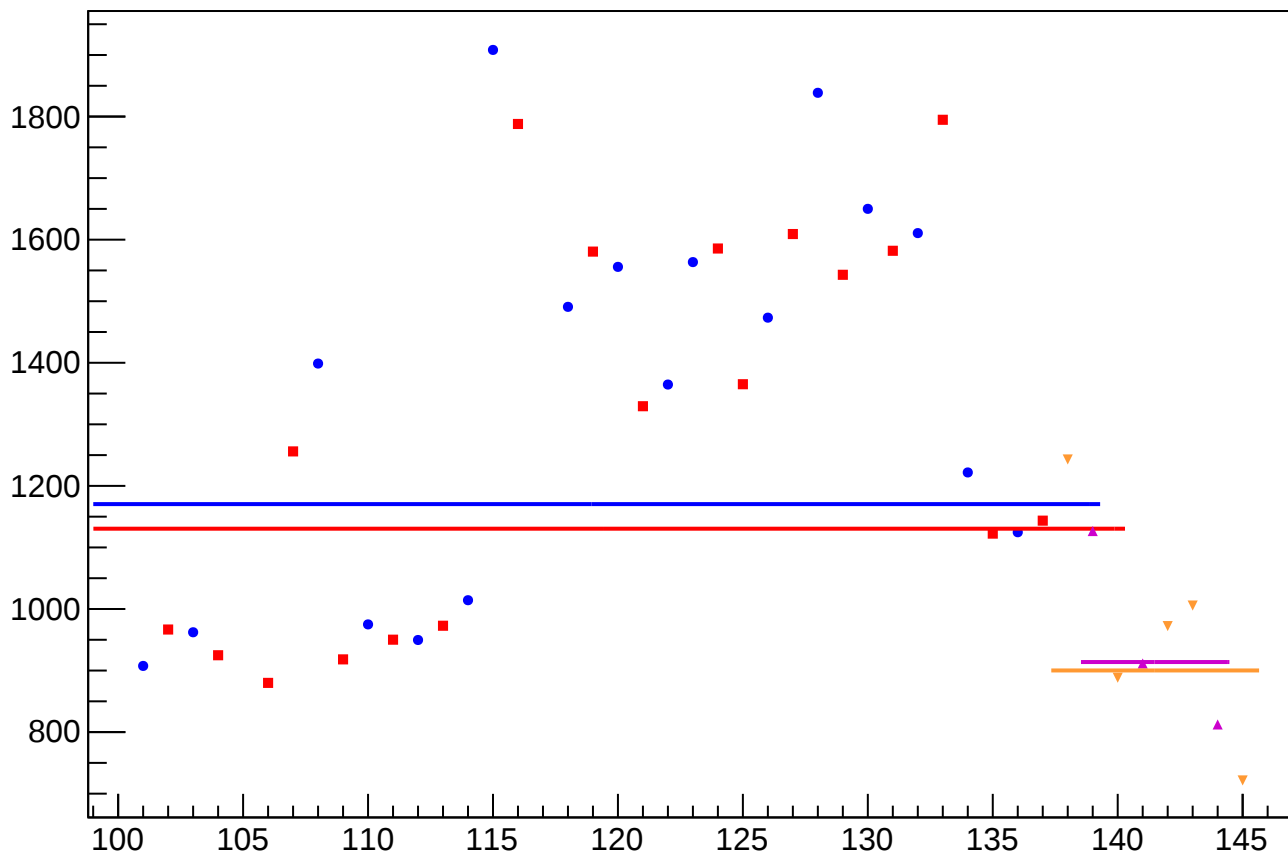
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -194.857+/-365.240 χ^2/NDF :28.9/19

Out: 114.647+/-327.283 χ^2/NDF :22.8/22

All: -23.192+/-243.743 χ^2/NDF : 52.1/42

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: 913.832 $\pm$ 0.415 χ^2 /NDF:81928.5/2

Left: 905.766 $\pm$ 0.266 χ^2 /NDF: 309253.9/7

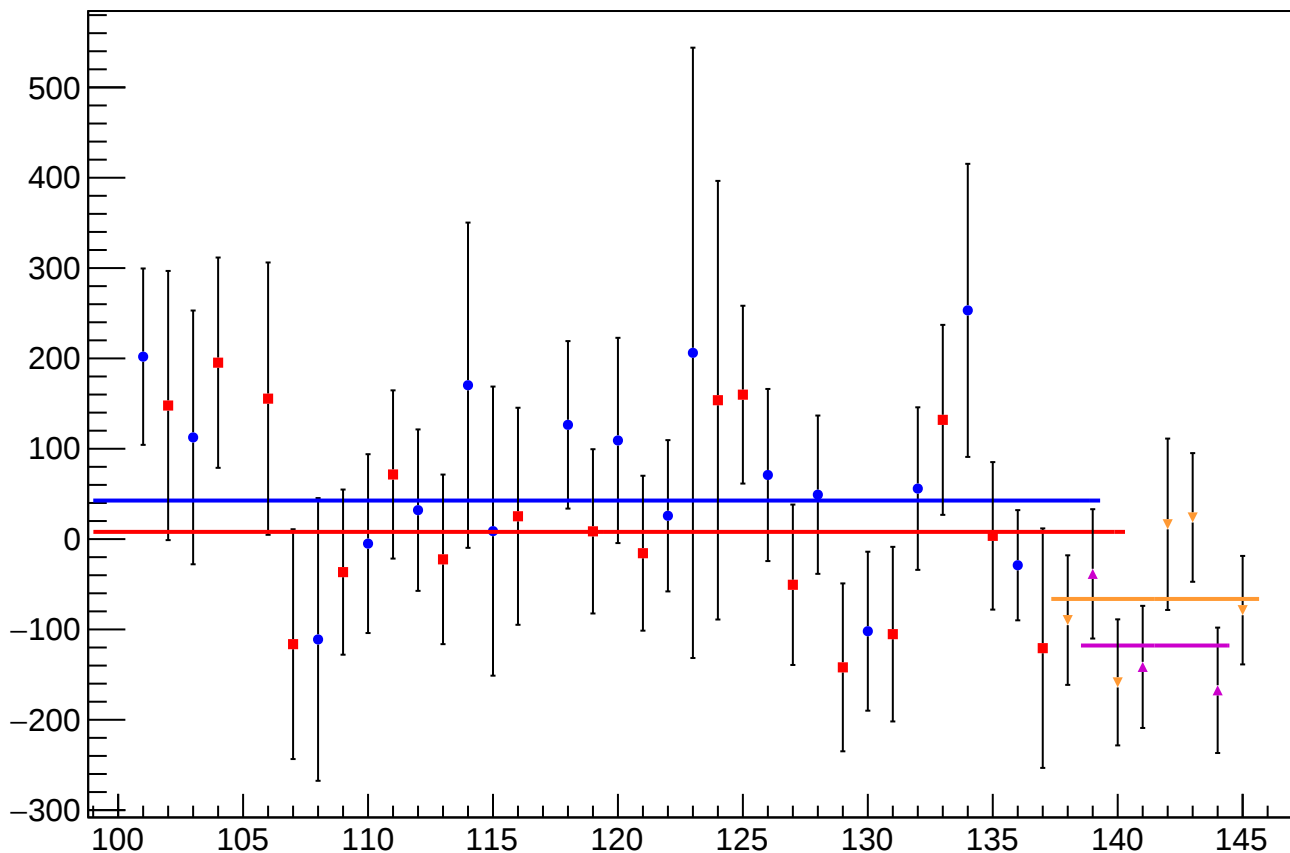
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1071.160 $\pm$ 0.258 χ^2 /NDF:1021505.9/19

Out: 1027.676 $\pm$ 0.231 χ^2 /NDF:1234442.5/22

All: 1047.042 $\pm$ 0.172 χ^2 /NDF: 2271671.7/42

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: -117.792 ± 40.110 $\chi^2/\text{NDF}: 1.9/2$

Left: -86.177 ± 24.944 $\chi^2/\text{NDF}: 7.1/7$

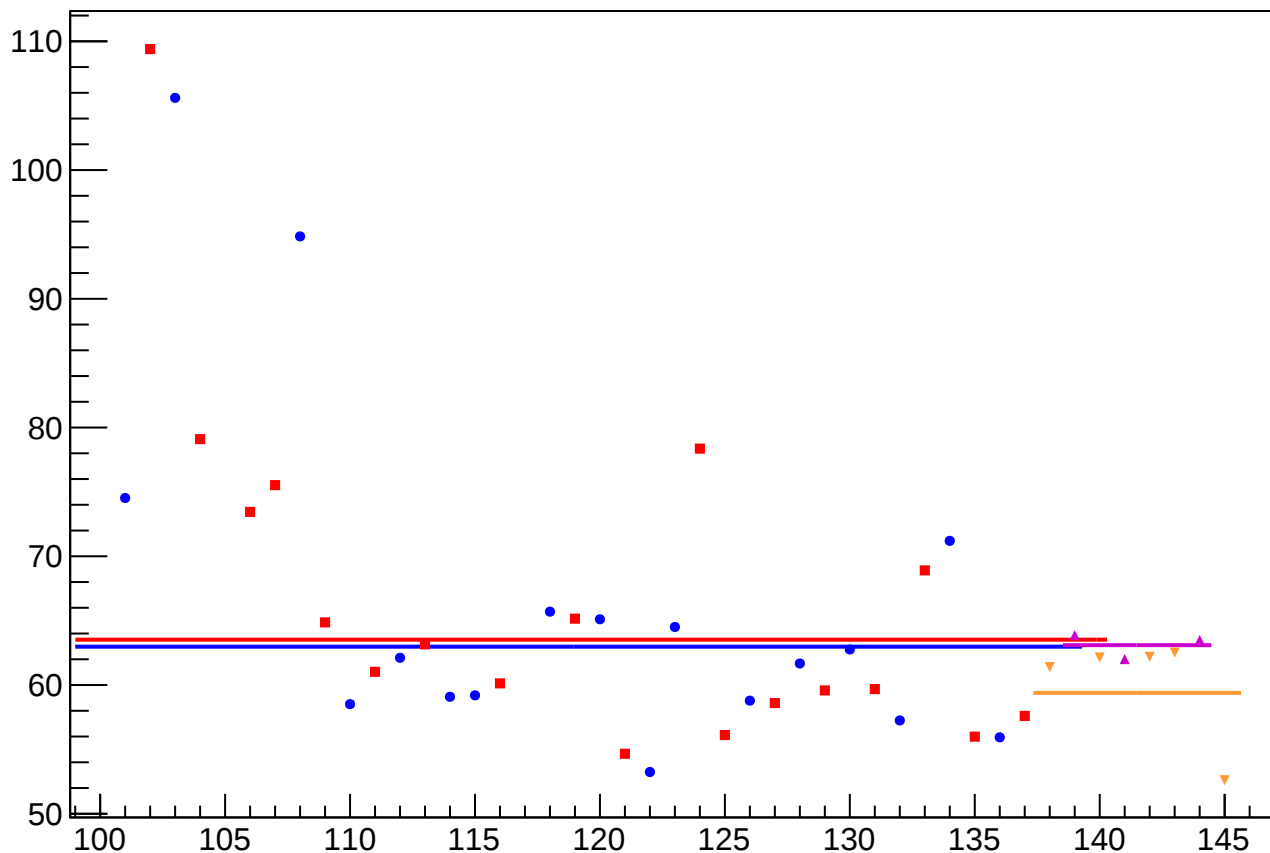
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -1.449 ± 21.032 $\chi^2/\text{NDF}: 25.4/19$

Out: -19.586 ± 19.416 $\chi^2/\text{NDF}: 23.5/22$

All: -11.241 ± 14.267 $\chi^2/\text{NDF}: 49.3/42$

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: 63.096 $\pm$ 0.028 χ^2 /NDF:819.3/2

Left: 60.824 $\pm$ 0.018 χ^2 /NDF: 47097.3/7

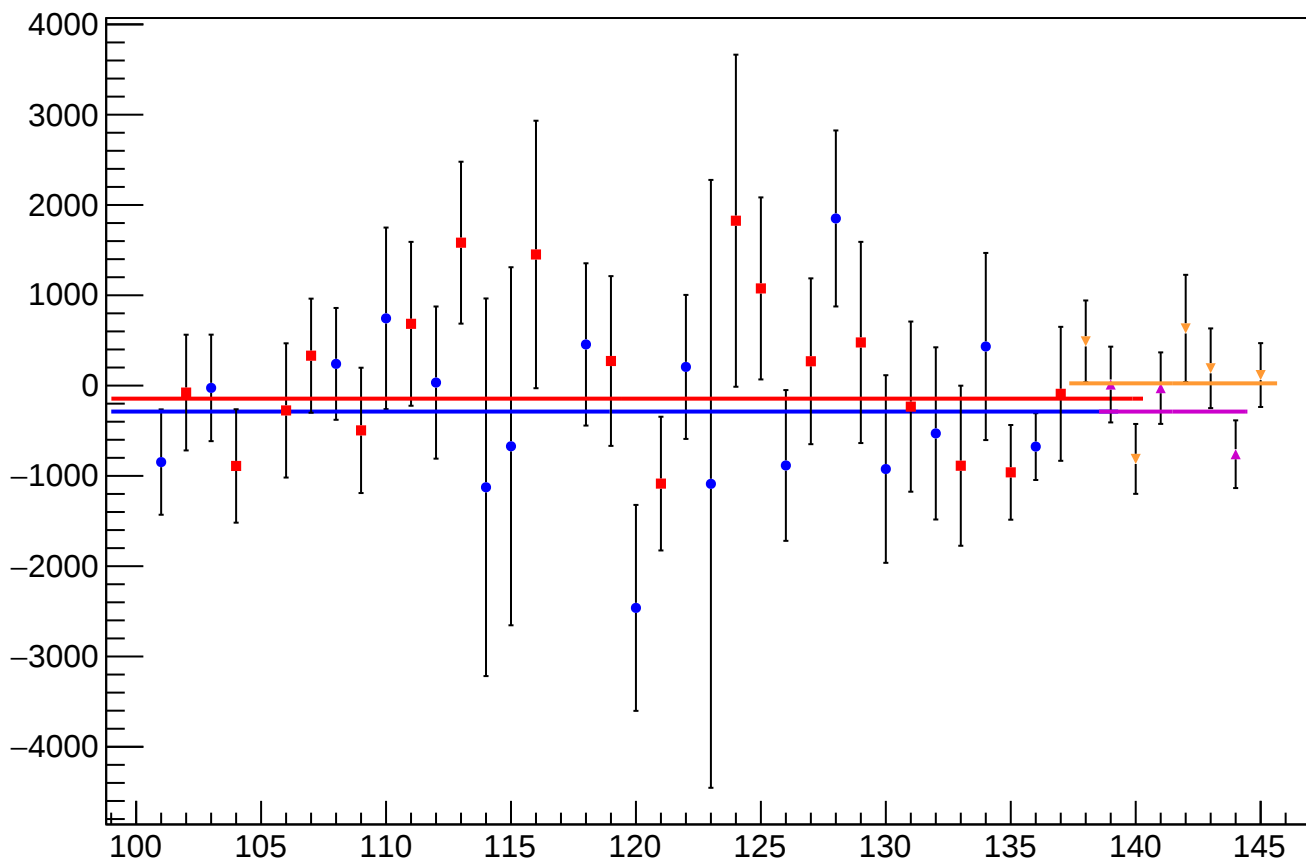
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.012 $\pm$ 0.015 χ^2 /NDF:376094.8/19

Out: 61.987 $\pm$ 0.014 χ^2 /NDF:392387.1/22

All: 62.459 $\pm$ 0.010 χ^2 /NDF: 771046.3/42

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: -287.923 ± 228.366 $\chi^2/\text{NDF}: 2.5/2$

Left: -103.592 ± 146.326 $\chi^2/\text{NDF}: 10.6/7$

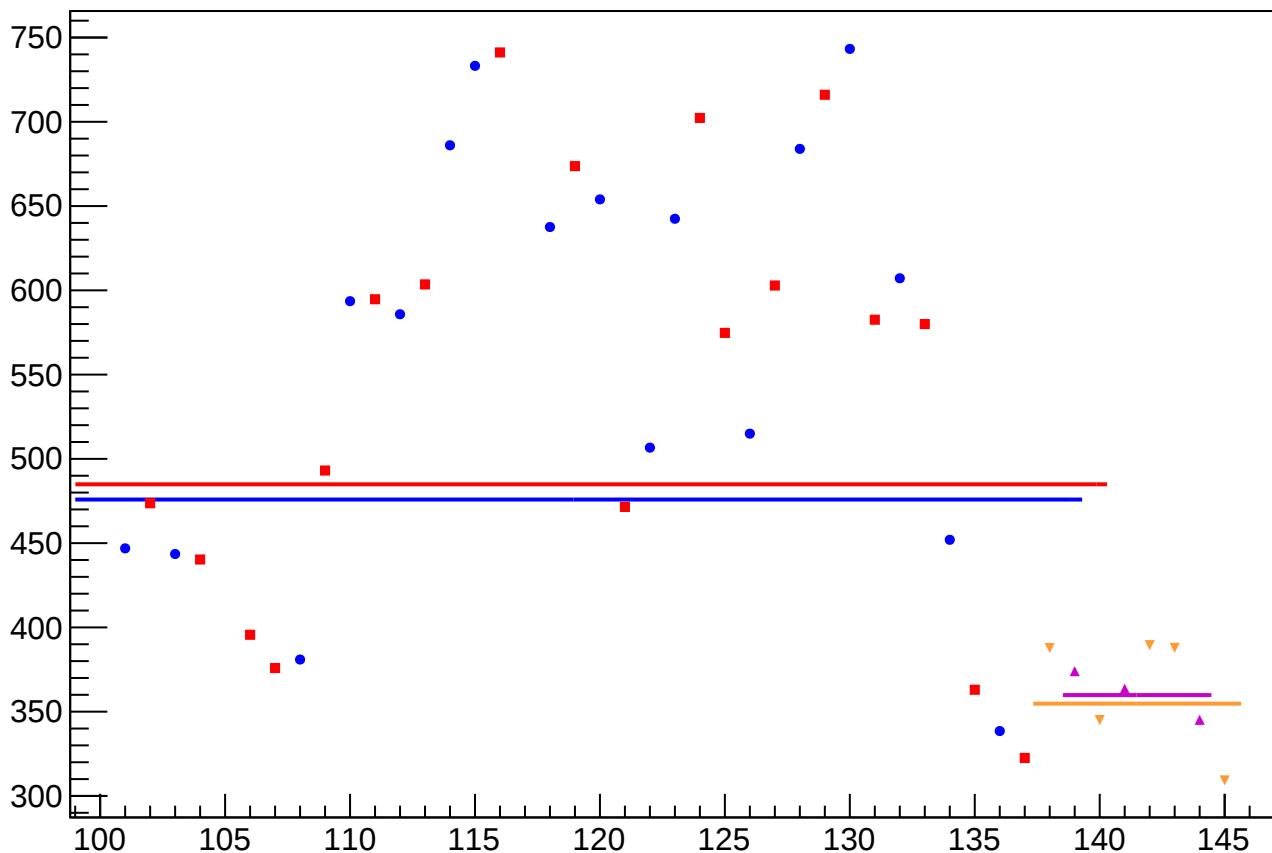
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -287.781 ± 146.007 $\chi^2/\text{NDF}: 17.9/19$

Out: -61.171 ± 133.762 $\chi^2/\text{NDF}: 23.5/22$

All: -164.577 ± 98.630 $\chi^2/\text{NDF}: 42.6/42$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 354.766+/-0.135 χ^2/NDF : 63154.2/4

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 359.860+/-0.161 χ^2/NDF : 5528.0/2

Left: 356.857+/-0.103 χ^2/NDF : 69268.6/7

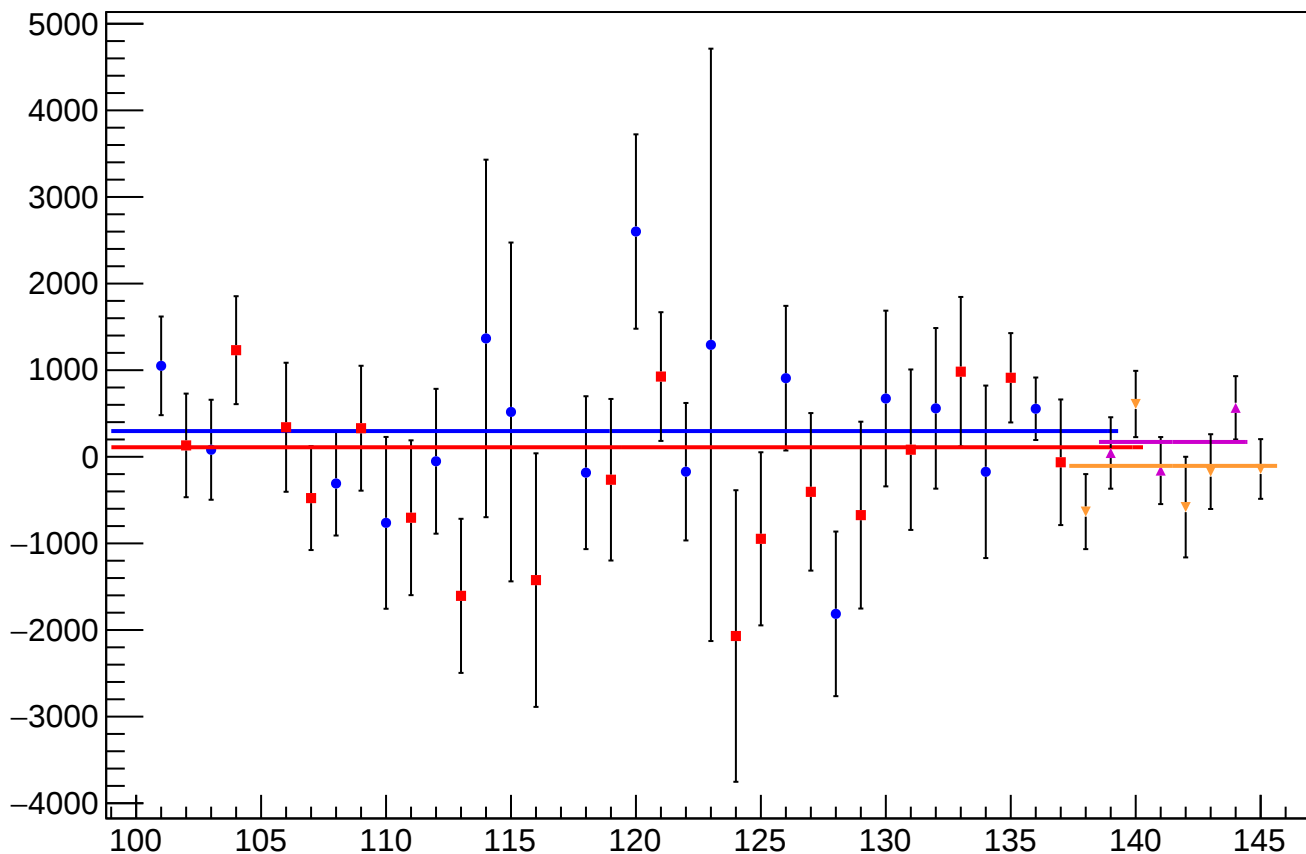
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 428.448+/-0.103 χ^2/NDF : 1148489.4/19

Out: 420.808+/-0.095 χ^2/NDF : 1252705.4/22

All: 424.295+/-0.070 χ^2/NDF : 2404172.2/42

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: 171.287 $\pm$ 223.357 χ^2 /NDF: 2.0/2

Left: 8.195 $\pm$ 142.931 χ^2 /NDF: 8.6/7

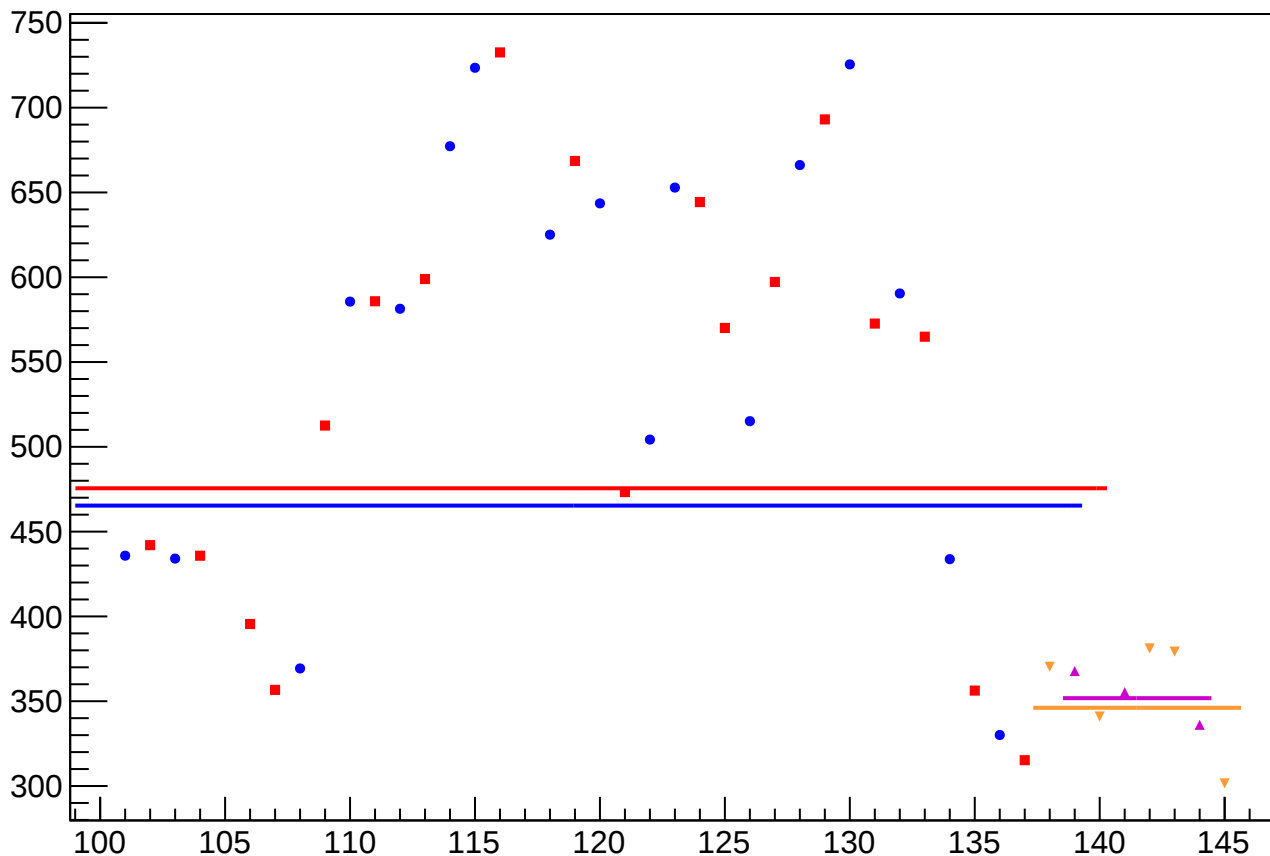
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 245.519 $\pm$ 142.919 χ^2 /NDF: 18.0/19

Out: 3.547 $\pm$ 130.953 χ^2 /NDF: 24.9/22

All: 113.981 $\pm$ 96.552 χ^2 /NDF: 44.5/42

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: 351.799 $\pm$ 0.158 χ^2 /NDF: 6871.5/2

Left: 348.453 $\pm$ 0.101 χ^2 /NDF: 66712.8/7

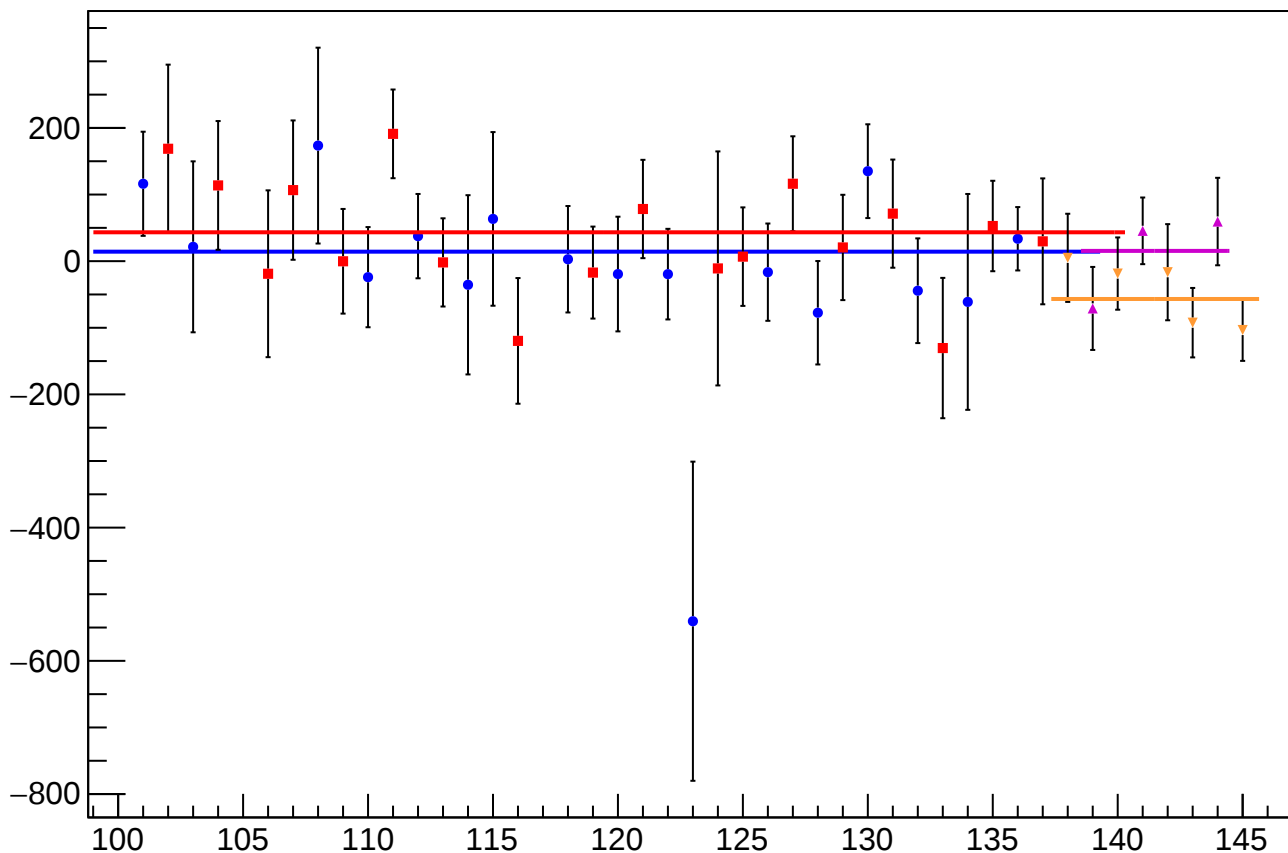
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 418.862 $\pm$ 0.101 χ^2 /NDF: 1172588.9/19

Out: 411.406 $\pm$ 0.093 χ^2 /NDF: 1288302.3/22

All: 414.809 $\pm$ 0.068 χ^2 /NDF: 2463850.6/42

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -56.772+/-25.046 χ^2/NDF : 3.2/4

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: 15.412+/-33.540 χ^2/NDF : 2.7/2

Left: -30.930+/-20.068 χ^2/NDF : 8.9/7

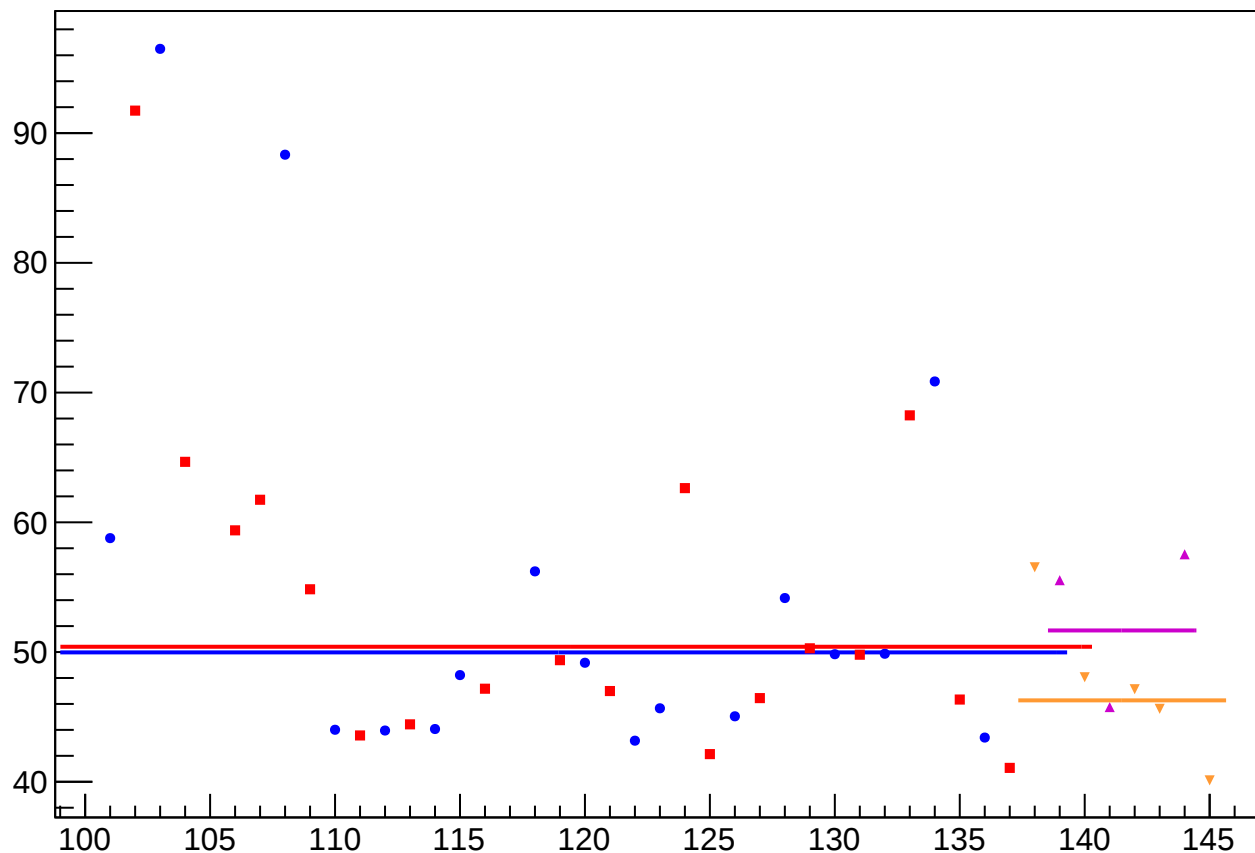
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: 14.554+/-17.093 χ^2/NDF : 17.5/19

Out: 5.194+/-15.460 χ^2/NDF : 29.2/22

All: 9.406+/-11.466 χ^2/NDF : 46.9/42

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 46.275 $\pm$ 0.018 χ^2/NDF : 86271.6/4

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 51.665 $\pm$ 0.024 χ^2/NDF : 51591.9/2

Left: 48.205 $\pm$ 0.014 χ^2/NDF : 171017.5/7

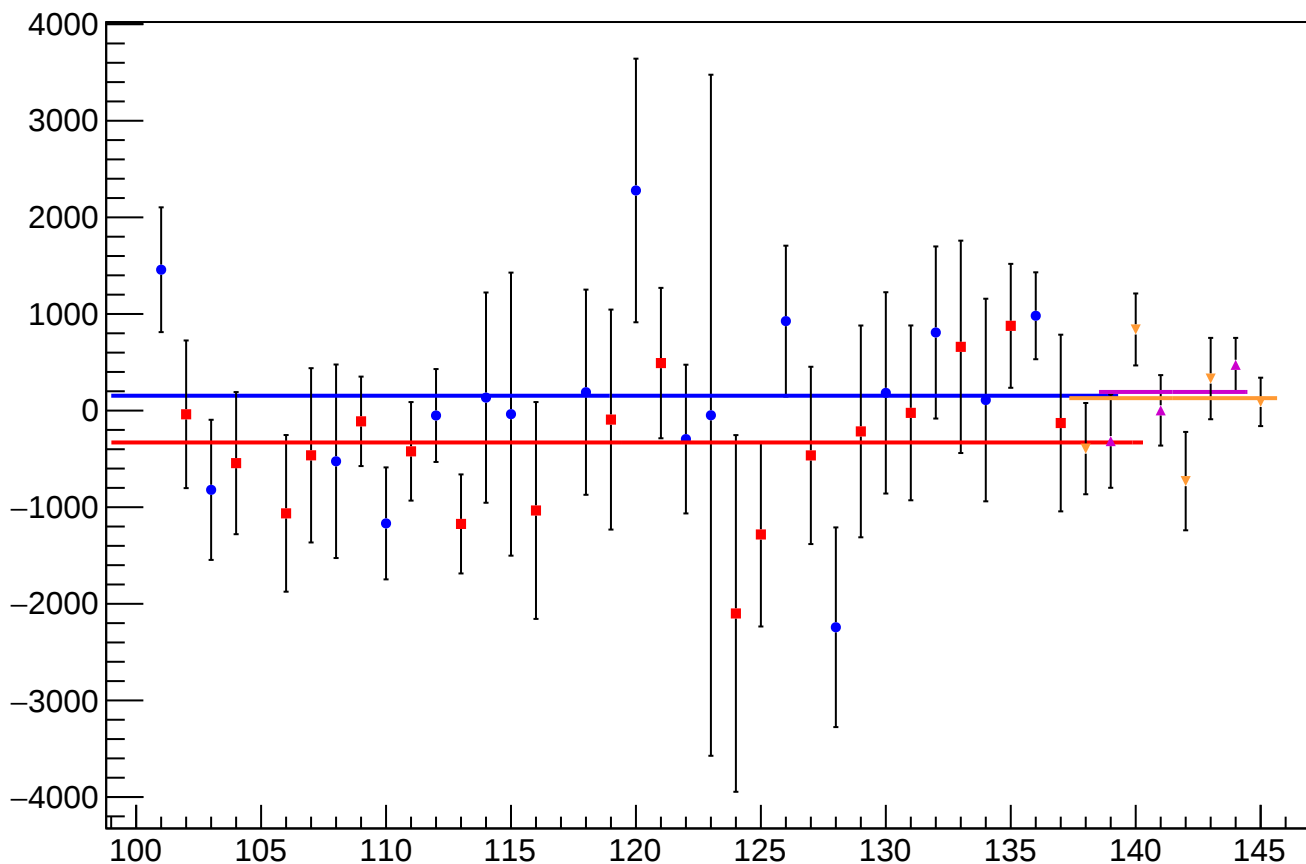
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 50.412 $\pm$ 0.012 χ^2/NDF : 634108.3/19

Out: 48.833 $\pm$ 0.011 χ^2/NDF : 587461.2/22

All: 49.544 $\pm$ 0.008 χ^2/NDF : 1230958.3/42

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: 192.929 $\pm$ 201.384 χ^2 /NDF:2.4/2

Left: 154.353 $\pm$ 127.222 χ^2 /NDF: 10.4/7

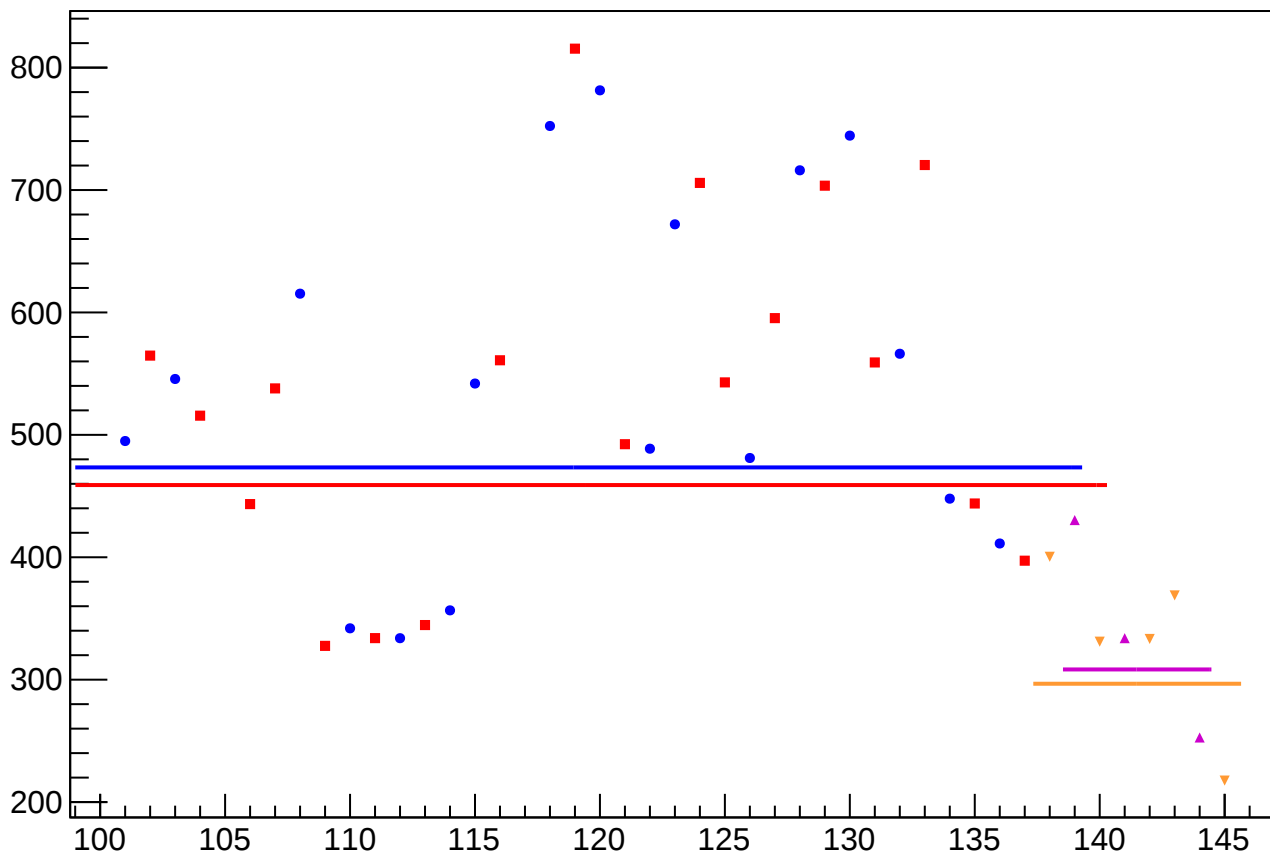
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 172.246 $\pm$ 138.185 χ^2 /NDF:27.2/19

Out: -79.747 $\pm$ 121.213 χ^2 /NDF:23.6/22

All: 29.832 $\pm$ 91.124 χ^2 /NDF: 52.7/42

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: 308.353 $\pm$ 0.142 χ^2 /NDF:216776.7/2

Left: 301.337 $\pm$ 0.090 χ^2 /NDF: 602859.5/7

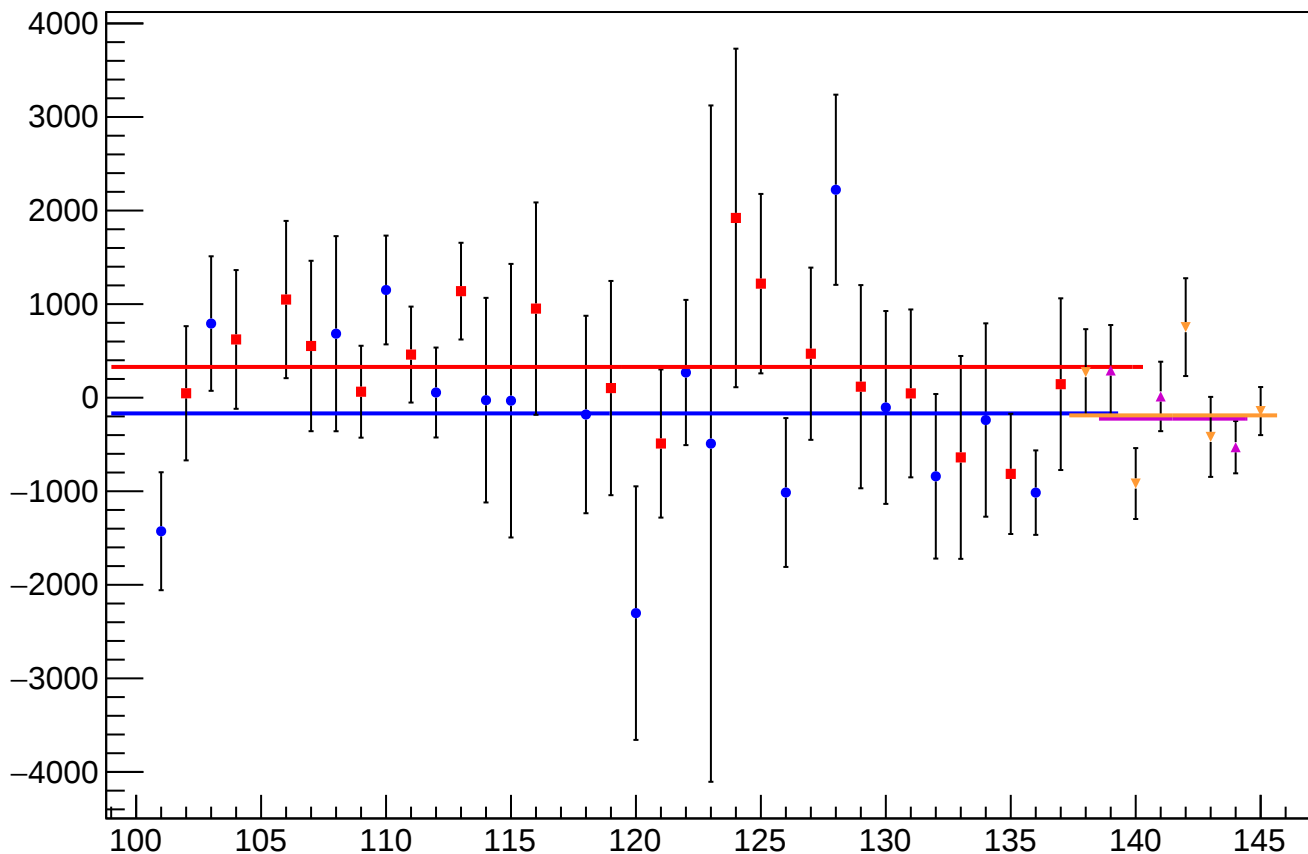
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 395.692 $\pm$ 0.098 χ^2 /NDF:1842616.6/19

Out: 370.450 $\pm$ 0.086 χ^2 /NDF:2277416.2/22

All: 381.426 $\pm$ 0.064 χ^2 /NDF: 4157750.0/42

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: -224.120 ± 202.830 $\chi^2/\text{NDF}: 2.7/2$

Left: -203.217 ± 128.789 $\chi^2/\text{NDF}: 11.0/7$

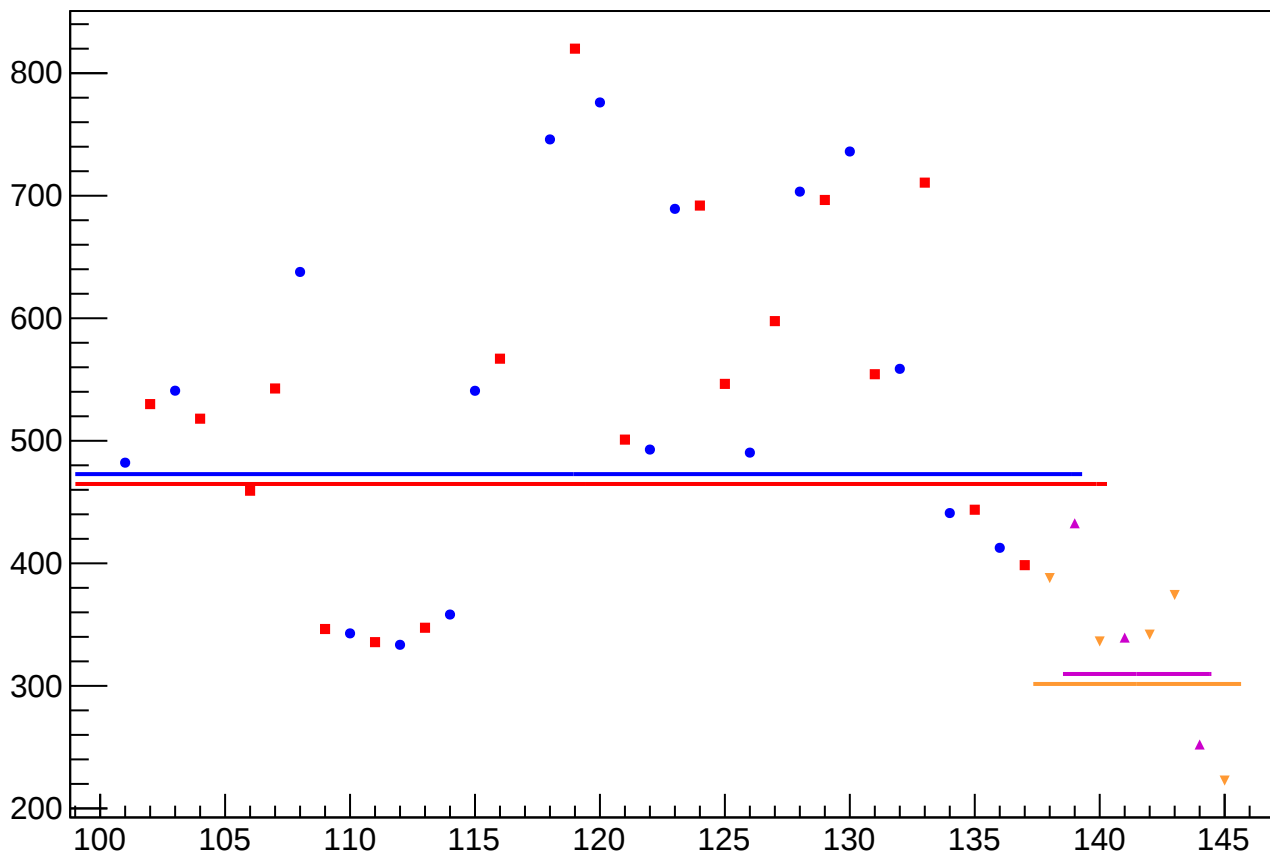
Right: 91.236 ± 131.185 $\chi^2/\text{NDF}: 40.1/34$

In: -194.220 ± 138.570 $\chi^2/\text{NDF}: 28.2/19$

Out: 47.714 ± 122.795 $\chi^2/\text{NDF}: 23.8/22$

All: -58.704 ± 91.903 $\chi^2/\text{NDF}: 53.7/42$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 301.562 $\pm$ 0.118 χ^2 /NDF:345397.0/4

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 309.705 $\pm$ 0.143 χ^2 /NDF:225882.0/2

Left: 304.845 $\pm$ 0.091 χ^2 /NDF: 573202.7/7

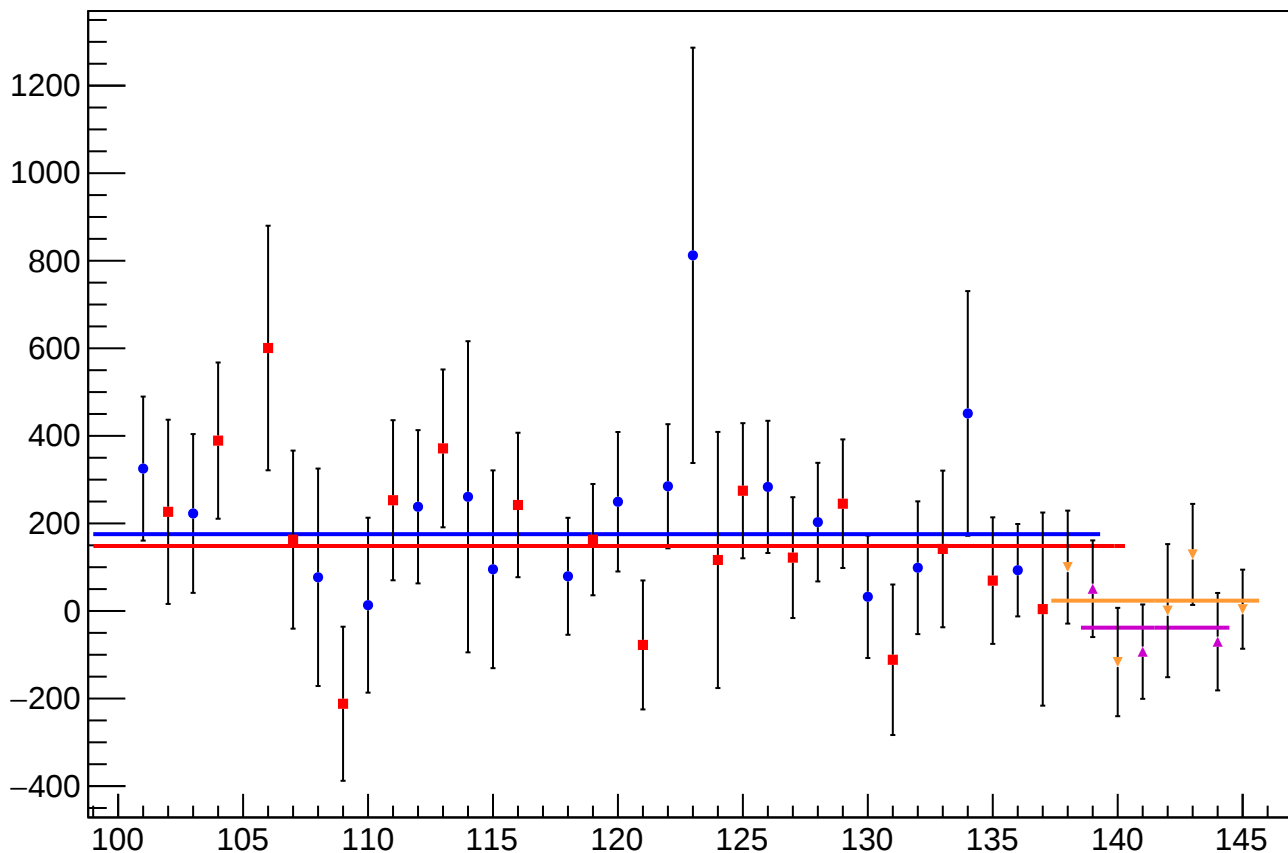
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 396.688 $\pm$ 0.098 χ^2 /NDF:1812003.0/19

Out: 376.214 $\pm$ 0.087 χ^2 /NDF:2136933.5/22

All: 385.220 $\pm$ 0.065 χ^2 /NDF: 3973390.9/42

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: -38.124 $\pm$ 63.388 χ^2 /NDF:1.0/2

Left: -1.386 $\pm$ 40.319 χ^2 /NDF: 4.1/7

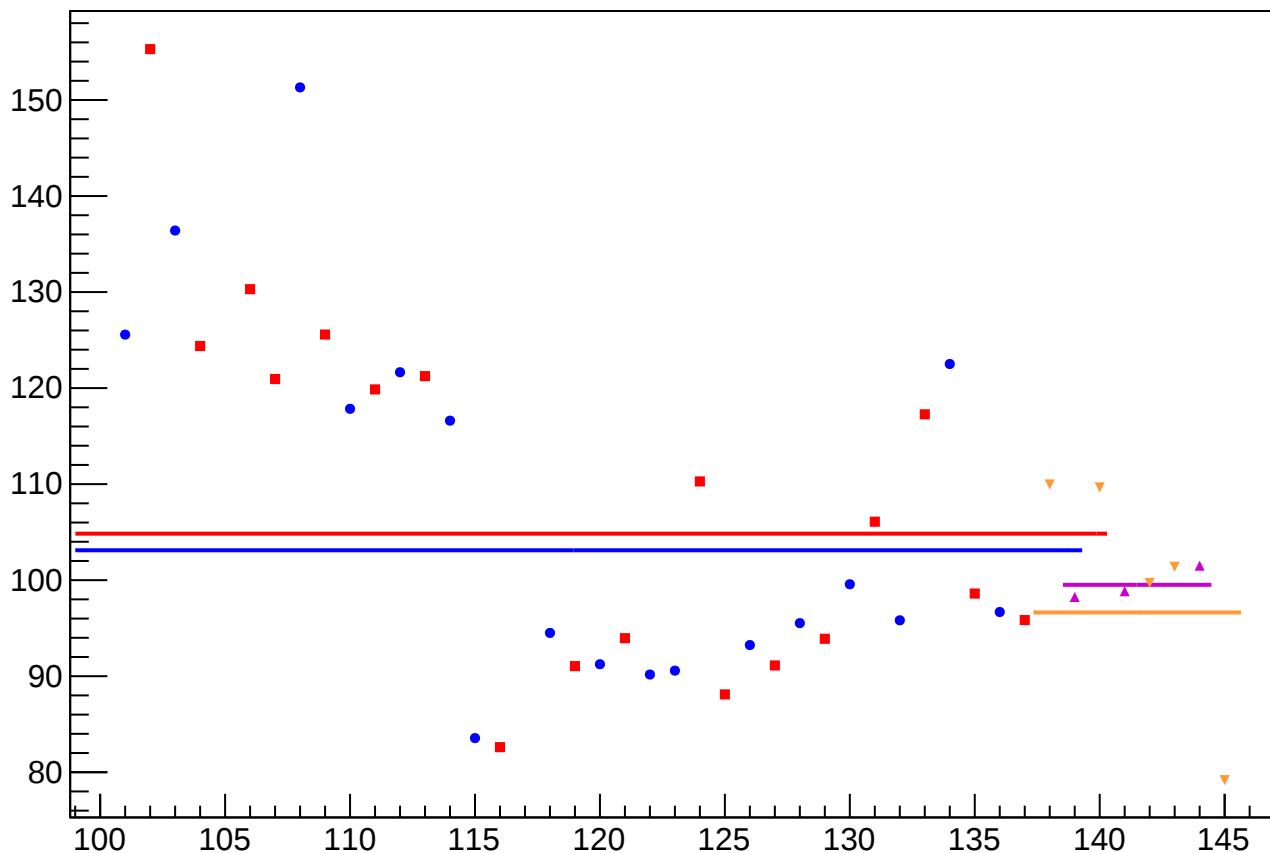
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 113.858 $\pm$ 34.044 χ^2 /NDF:17.7/19

Out: 101.824 $\pm$ 31.927 χ^2 /NDF:23.6/22

All: 107.455 $\pm$ 23.288 χ^2 /NDF: 41.3/42

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: 99.515 $\pm$ 0.045 χ^2 /NDF:983.5/2

Left: 97.803 $\pm$ 0.029 χ^2 /NDF: 125912.3/7

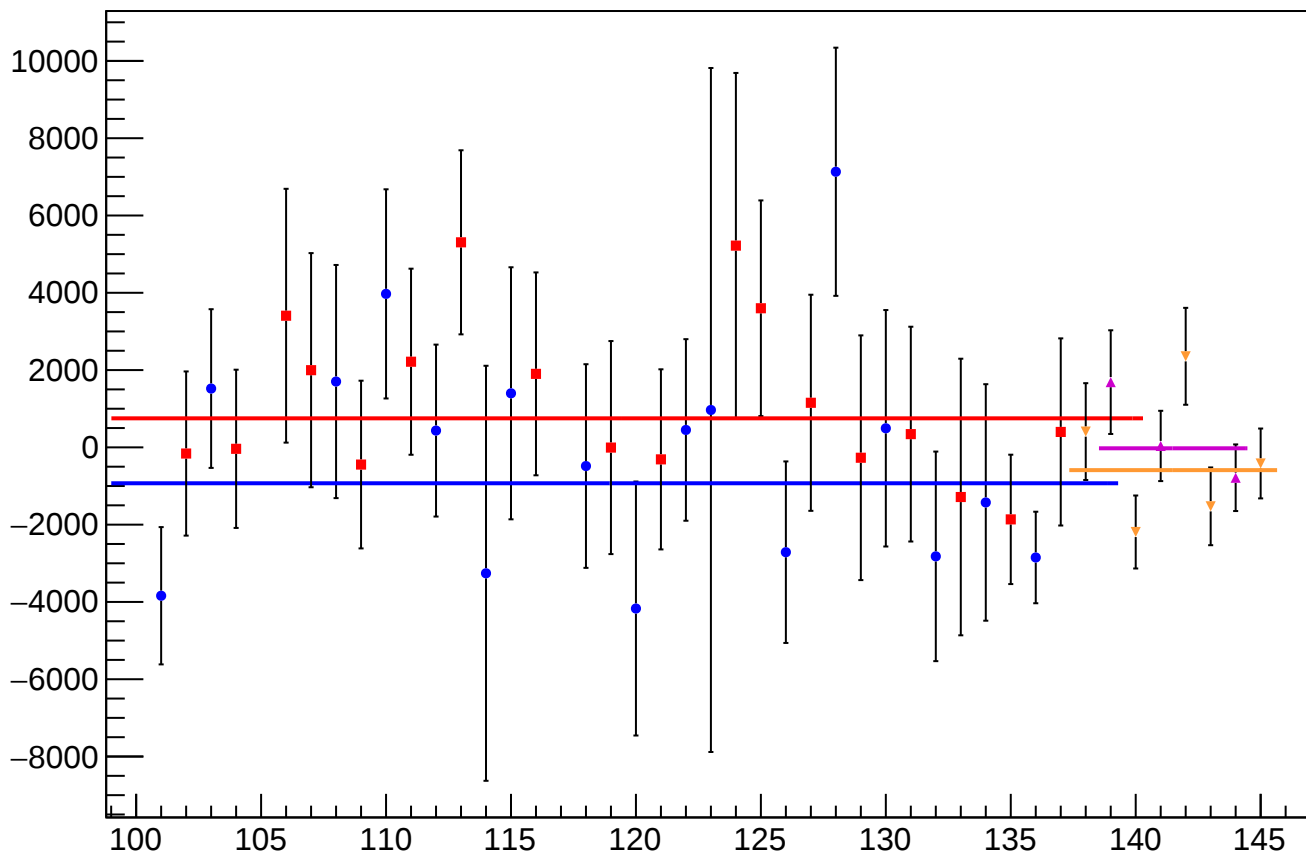
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 102.075 $\pm$ 0.024 χ^2 /NDF:312005.3/19

Out: 101.781 $\pm$ 0.023 χ^2 /NDF:522051.9/22

All: 101.918 $\pm$ 0.016 χ^2 /NDF: 834136.3/42

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: -24.171+/-566.989 χ^2/NDF : 2.4/2

Left: -361.390+/-359.986 χ^2/NDF : 12.9/7

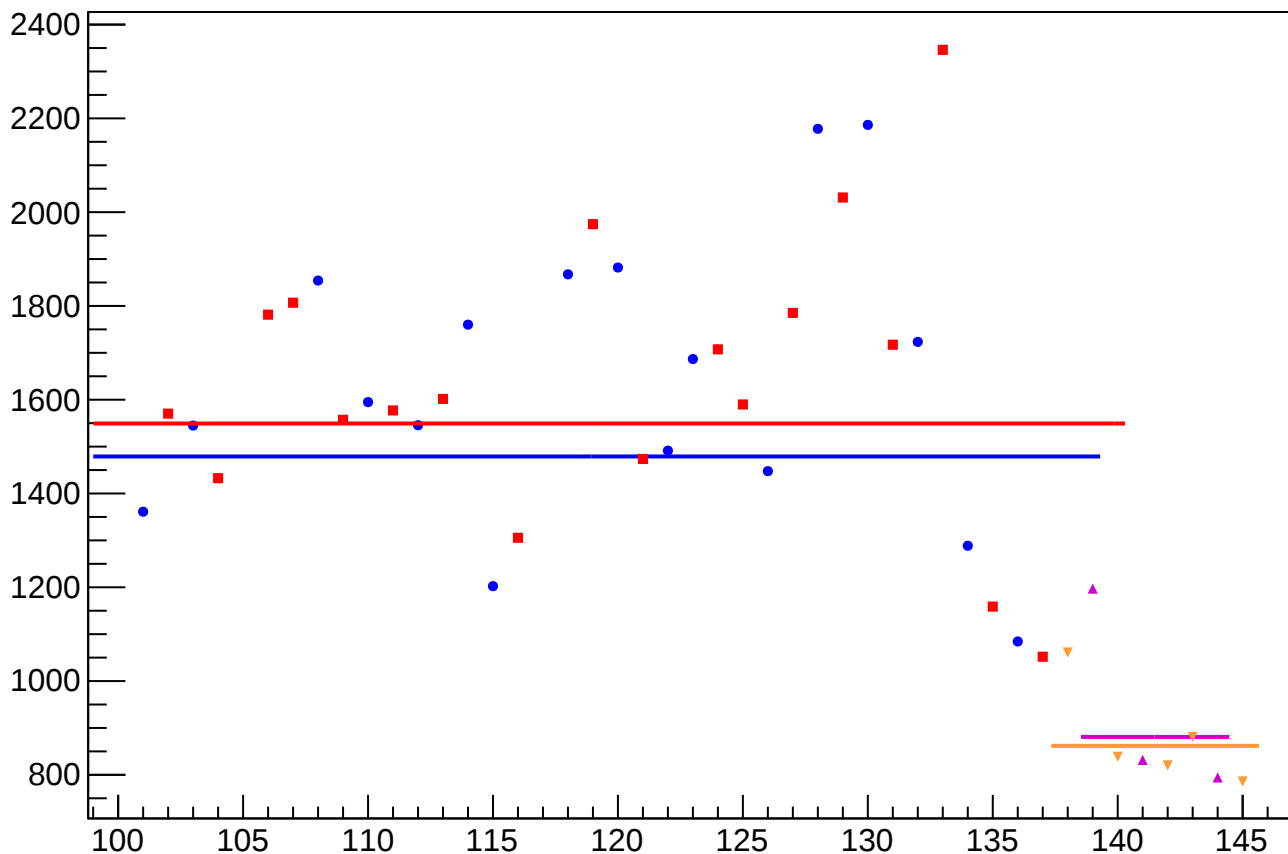
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -460.892+/-407.802 χ^2/NDF : 24.5/19

Out: -79.556+/-366.839 χ^2/NDF : 24.0/22

All: -250.115+/-272.730 χ^2/NDF : 49.0/42

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: 880.907+/-0.401 χ^2/NDF : 137168.8/2

Left: 869.523+/-0.255 χ^2/NDF : 207343.7/7

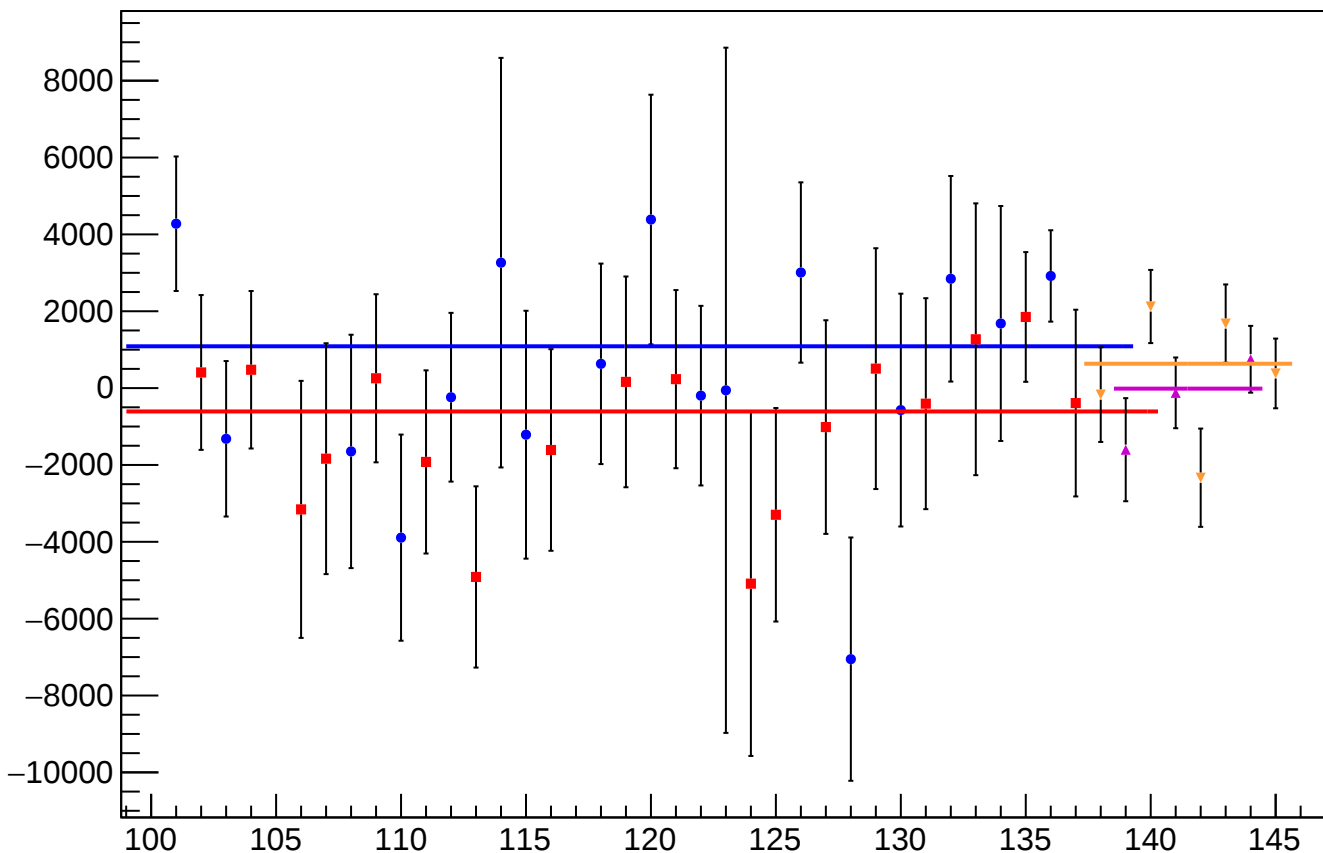
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1169.597+/-0.288 χ^2/NDF : 1800963.6/19

Out: 1123.173+/-0.259 χ^2/NDF : 2186344.5/22

All: 1143.937+/-0.193 χ^2/NDF : 4001634.3/42

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 634.279+/-468.666 χ^2/NDF : 9.4/4

Right Out: -607.930+/-591.550 χ^2/NDF : 9.9/17

Left In: -13.947+/-571.594 χ^2/NDF : 2.2/2

Left: 373.682+/-362.417 χ^2/NDF : 12.3/7

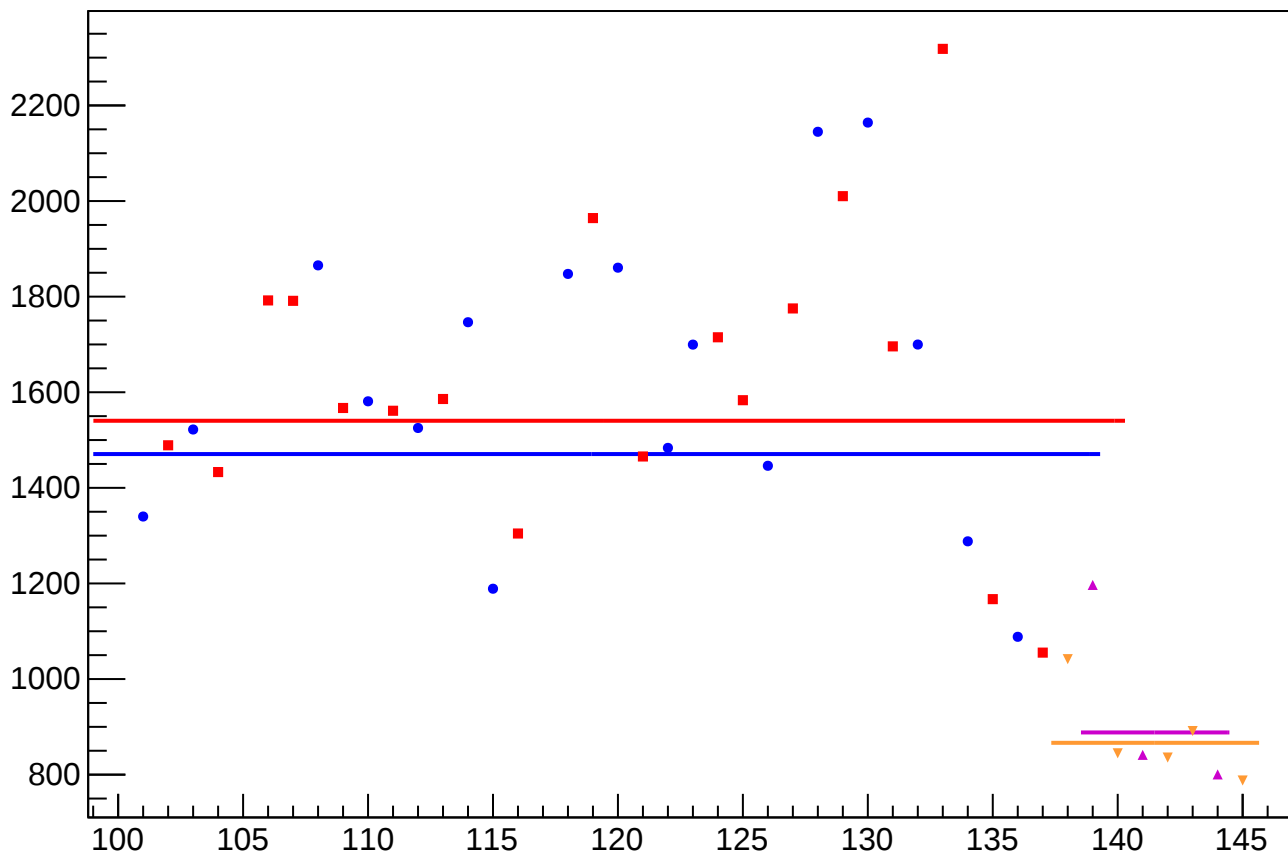
Right: 251.899+/-415.351 χ^2/NDF : 35.9/34

In: 525.827+/-408.263 χ^2/NDF : 25.8/19

Out: 155.244+/-367.348 χ^2/NDF : 22.0/22

All: 321.041+/-273.077 χ^2/NDF : 48.3/42

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: 888.290 $\pm$ 0.404 χ^2 /NDF: 131475.4/2

Left: 875.315 $\pm$ 0.256 χ^2 /NDF: 191996.7/7

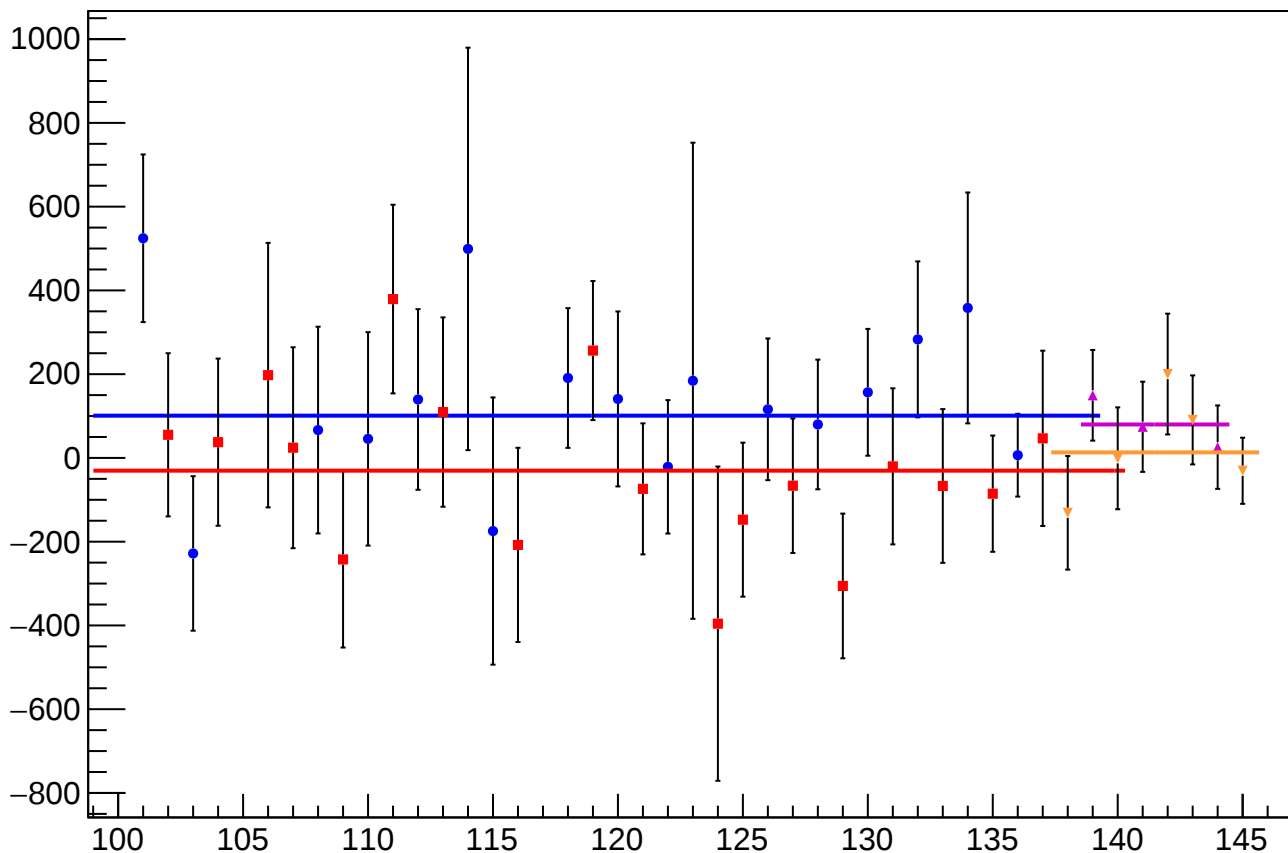
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1173.571 $\pm$ 0.289 χ^2 /NDF: 1716254.0/19

Out: 1126.411 $\pm$ 0.260 χ^2 /NDF: 2095541.0/22

All: 1147.510 $\pm$ 0.193 χ^2 /NDF: 3826542.1/42

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: 79.903 $\pm$ 60.581 χ^2 /NDF:0.7/2

Left: 39.507 $\pm$ 38.024 χ^2 /NDF: 5.1/7

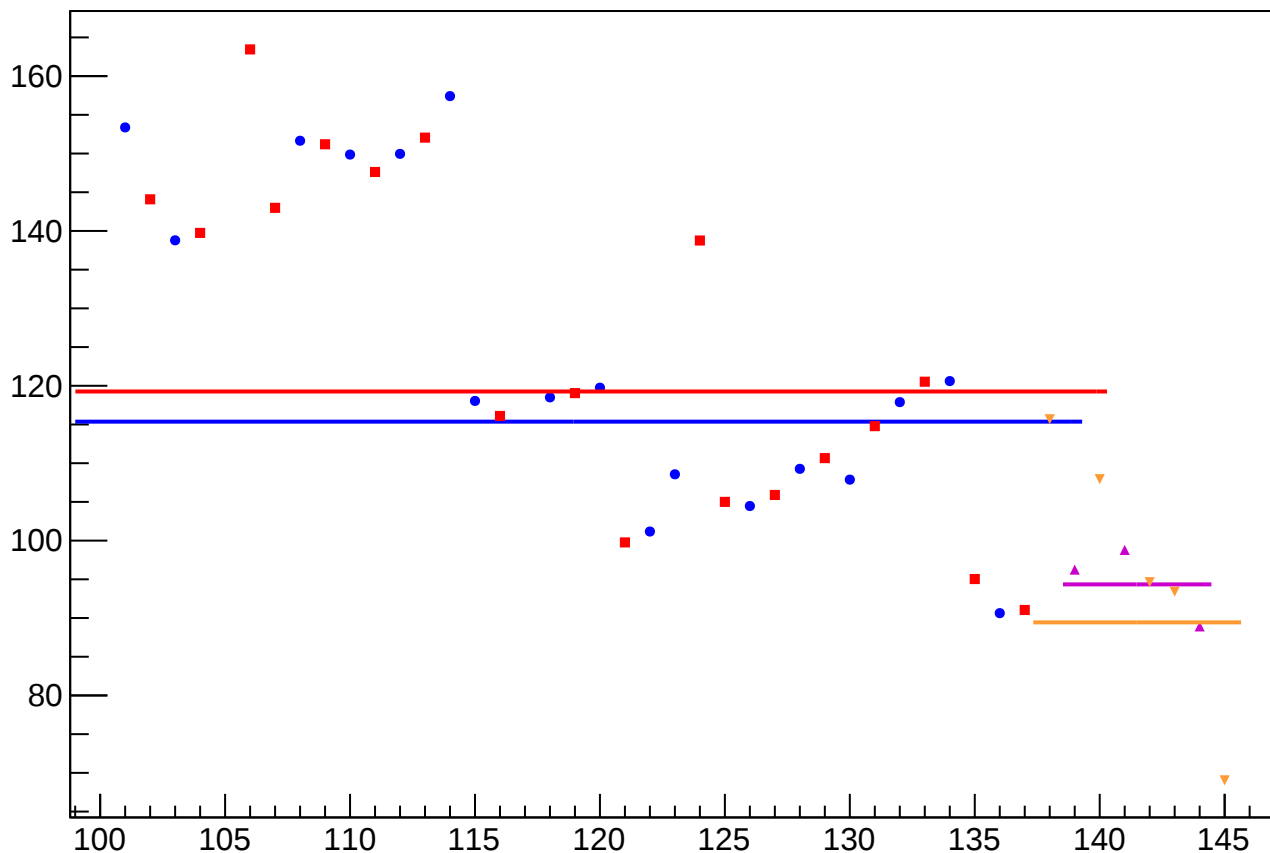
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 93.385 $\pm$ 36.271 χ^2 /NDF:13.8/19

Out: -10.027 $\pm$ 33.375 χ^2 /NDF:17.6/22

All: 37.387 $\pm$ 24.560 χ^2 /NDF: 35.8/42

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: 94.346 $\pm$ 0.043 χ^2 /NDF:9984.6/2

Left: 91.372 $\pm$ 0.027 χ^2 /NDF: 278119.5/7

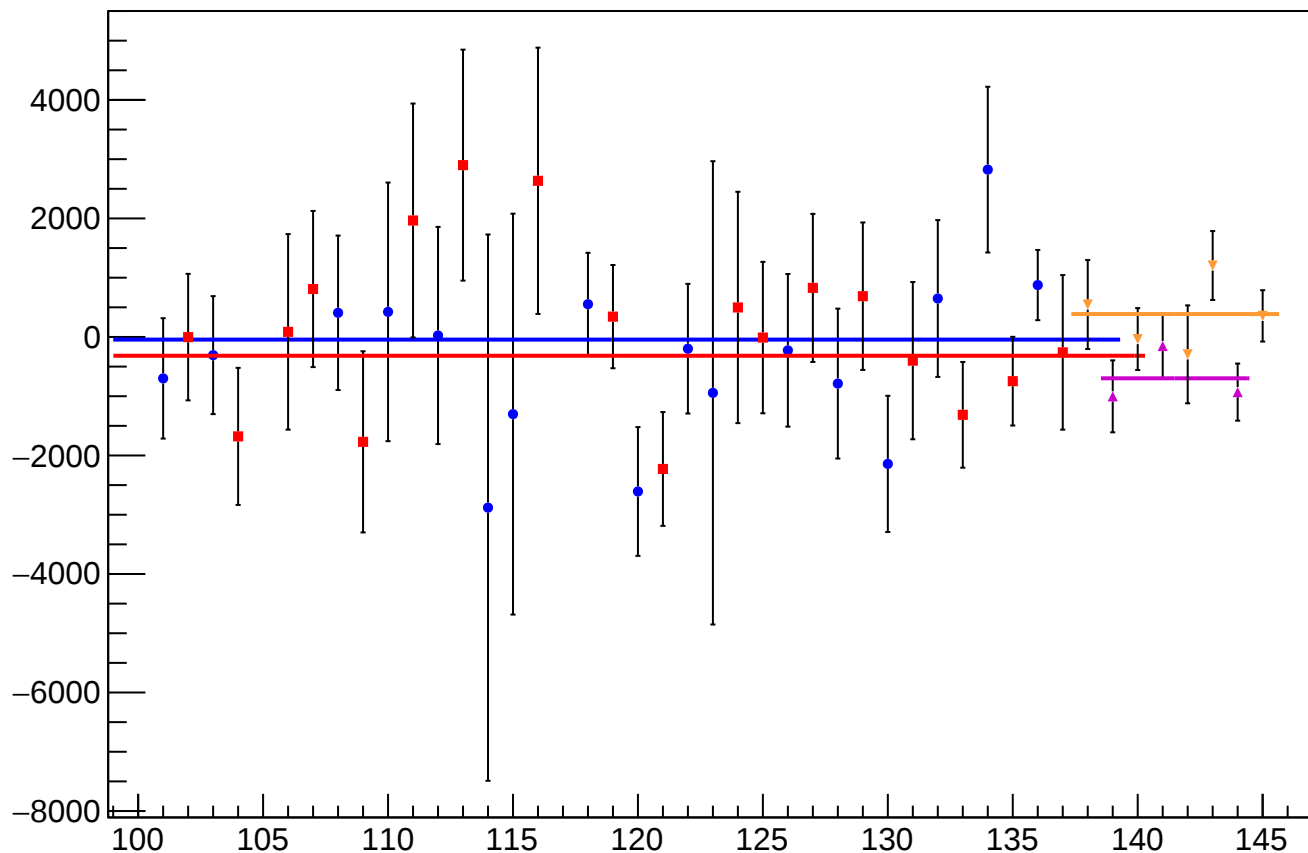
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 107.831 $\pm$ 0.026 χ^2 /NDF:575831.8/19

Out: 105.338 $\pm$ 0.024 χ^2 /NDF:1056023.8/22

All: 106.481 $\pm$ 0.017 χ^2 /NDF: 1636973.2/42

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: -698.065 $\pm$ 310.323 χ^2 /NDF:1.5/2

Left: -53.945 $\pm$ 197.765 χ^2 /NDF: 12.1/7

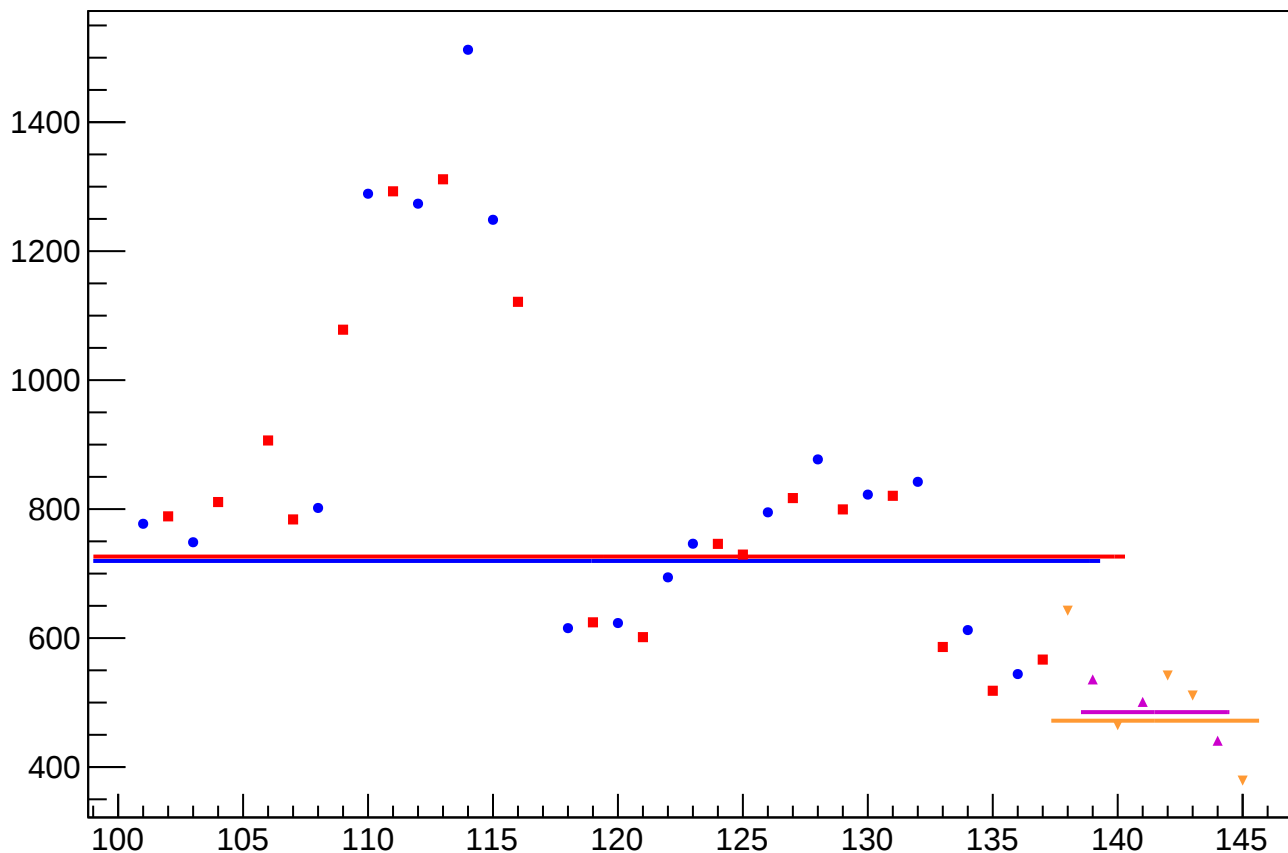
Right: -182.282 $\pm$ 201.303 χ^2 /NDF: 35.1/34

In: -345.020 $\pm$ 210.419 χ^2 /NDF:21.7/19

Out: 69.230 $\pm$ 190.139 χ^2 /NDF:23.5/22

All: -116.976 $\pm$ 141.075 χ^2 /NDF: 47.4/42

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: 485.175 $\pm$ 0.219 χ^2 /NDF: 32623.6/2

Left: 477.289 $\pm$ 0.140 χ^2 /NDF: 253643.4/7

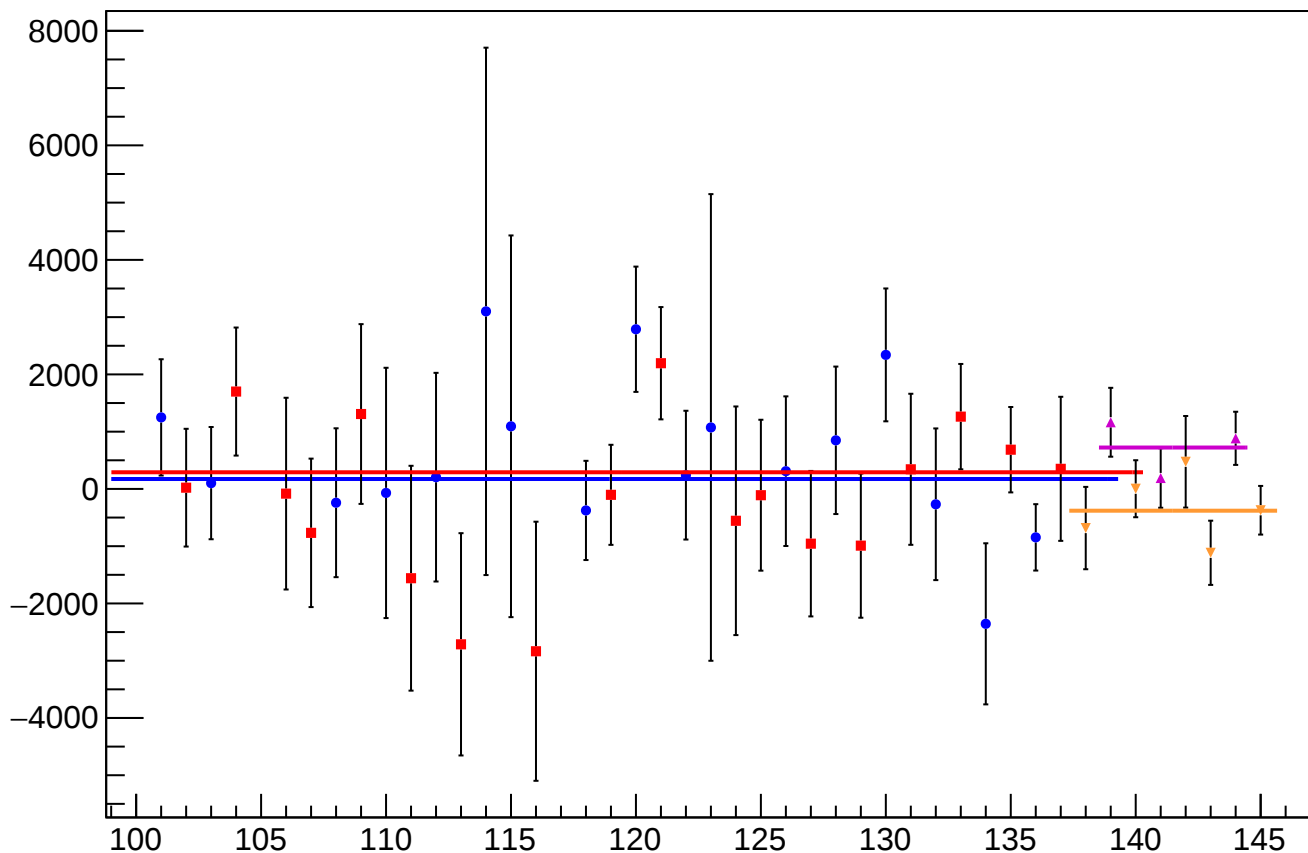
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 611.821 $\pm$ 0.149 χ^2 /NDF: 1396180.5/19

Out: 586.689 $\pm$ 0.134 χ^2 /NDF: 1987032.5/22

All: 597.986 $\pm$ 0.100 χ^2 /NDF: 3398918.7/42

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: 722.828 $\pm$ 300.054 χ^2 /NDF:1.7/2

Left: 67.537 $\pm$ 191.174 χ^2 /NDF: 13.4/7

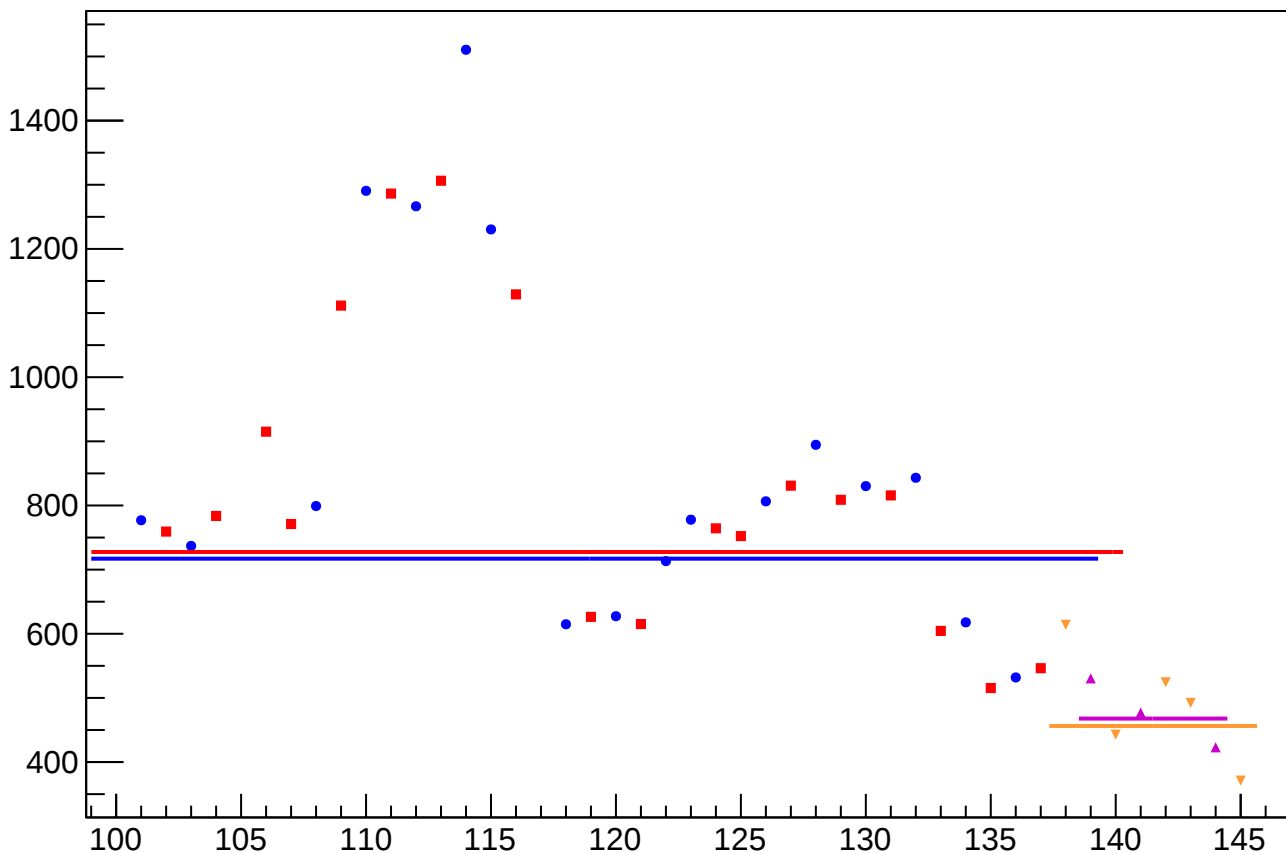
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 434.517 $\pm$ 206.898 χ^2 /NDF:21.6/19

Out: -89.348 $\pm$ 186.687 χ^2 /NDF:22.4/22

All: 145.755 $\pm$ 138.604 χ^2 /NDF: 47.5/42

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 456.240+/-0.175 χ^2/NDF : 200857.8/4

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 467.793+/-0.212 χ^2/NDF : 41021.8/2

Left: 460.930+/-0.135 χ^2/NDF : 243640.8/7

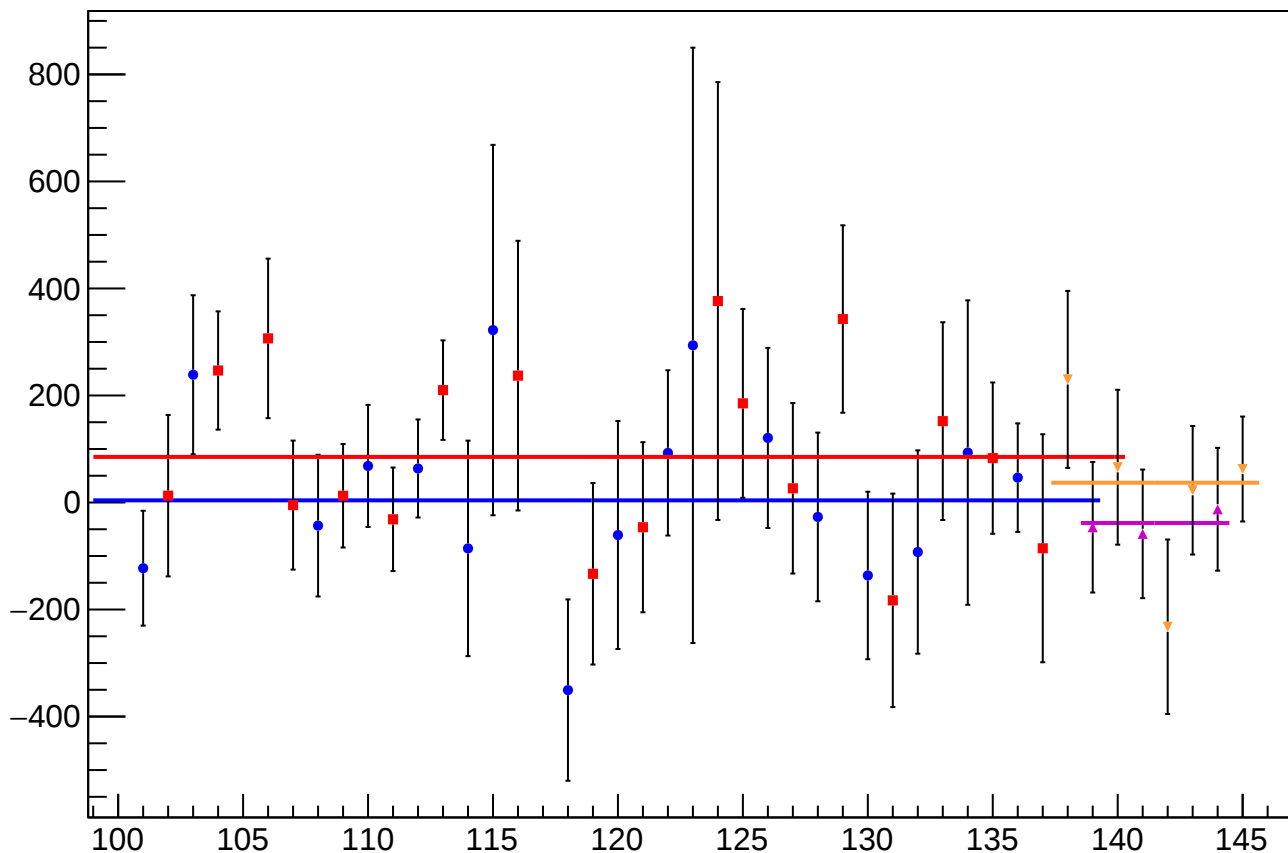
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 598.555+/-0.146 χ^2/NDF : 1547606.2/19

Out: 573.826+/-0.132 χ^2/NDF : 2118766.4/22

All: 584.924+/-0.098 χ^2/NDF : 3682121.8/42

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: -38.262 ± 68.621 $\chi^2/\text{NDF}: 0.1/2$

Left: 5.488 ± 44.386 $\chi^2/\text{NDF}: 5.0/7$

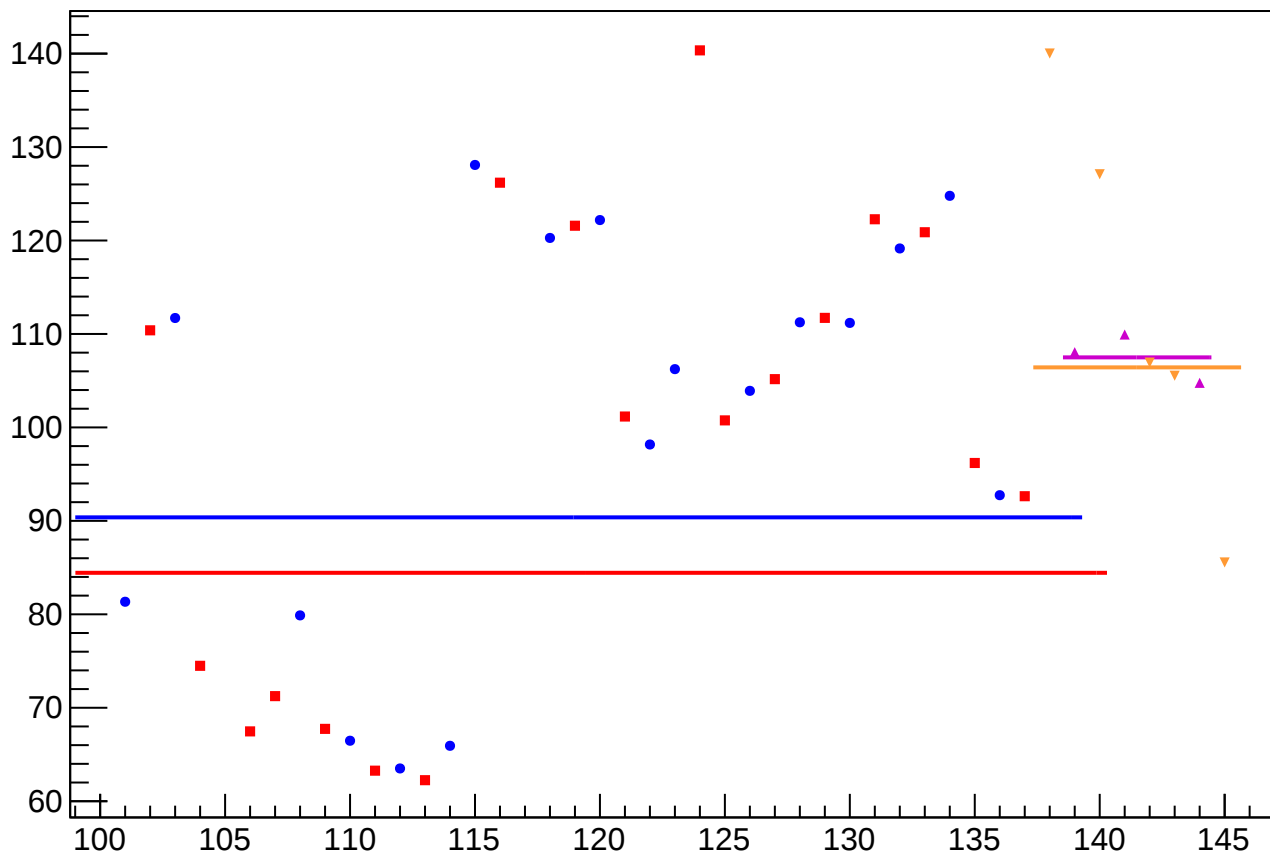
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: -5.093 ± 31.845 $\chi^2/\text{NDF}: 13.1/19$

Out: 73.246 ± 28.977 $\chi^2/\text{NDF}: 22.1/22$

All: 37.762 ± 21.432 $\chi^2/\text{NDF}: 38.5/42$

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: 107.494 $\pm$ 0.049 χ^2/NDF :1996.7/2

Left: 106.872 $\pm$ 0.031 χ^2/NDF : 216348.7/7

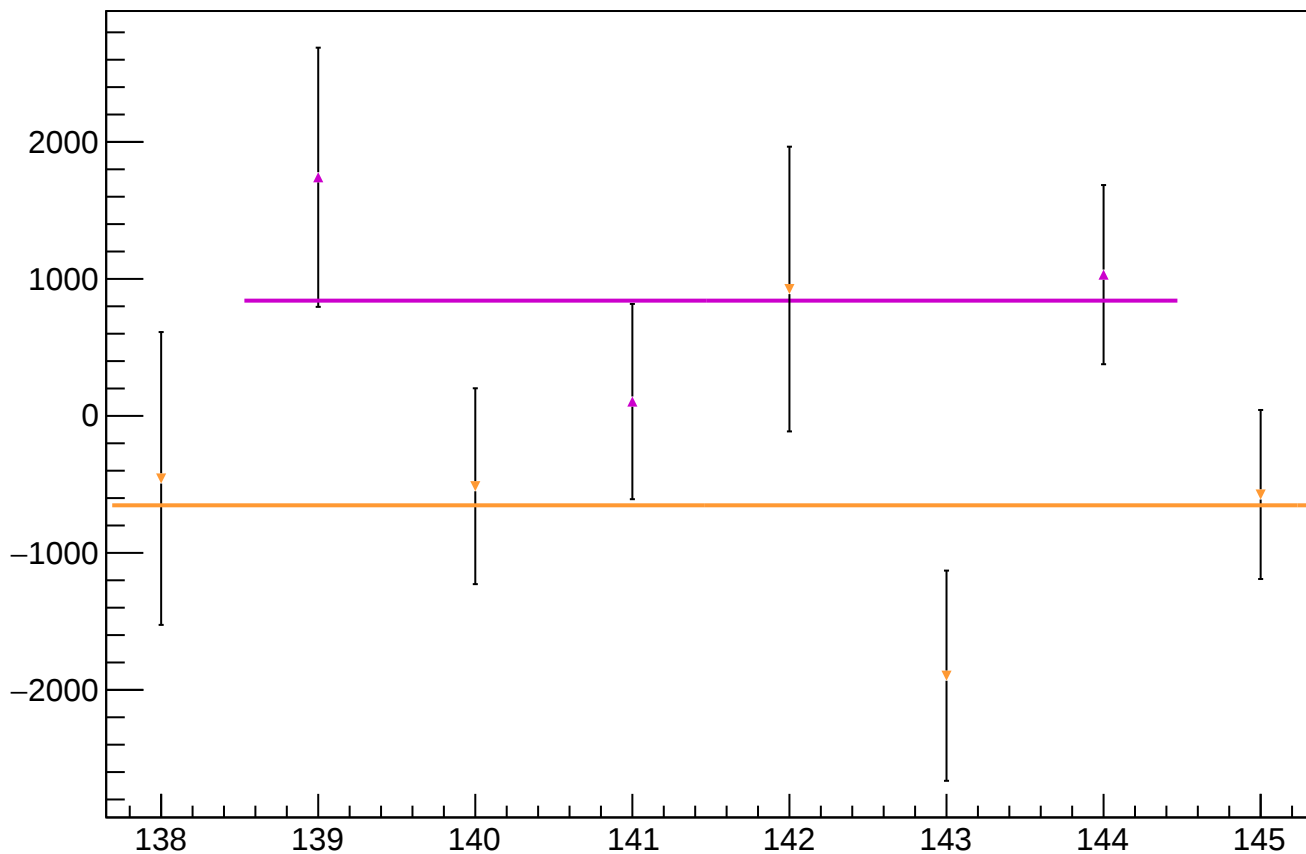
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 94.062 $\pm$ 0.023 χ^2/NDF :753802.1/19

Out: 89.891 $\pm$ 0.020 χ^2/NDF :1299490.9/22

All: 91.780 $\pm$ 0.015 χ^2/NDF : 2072060.5/42

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: 841.369+/-429.365 χ^2/NDF : 2.1/2

Left: -52.715+/-272.081 χ^2/NDF : 14.3/7

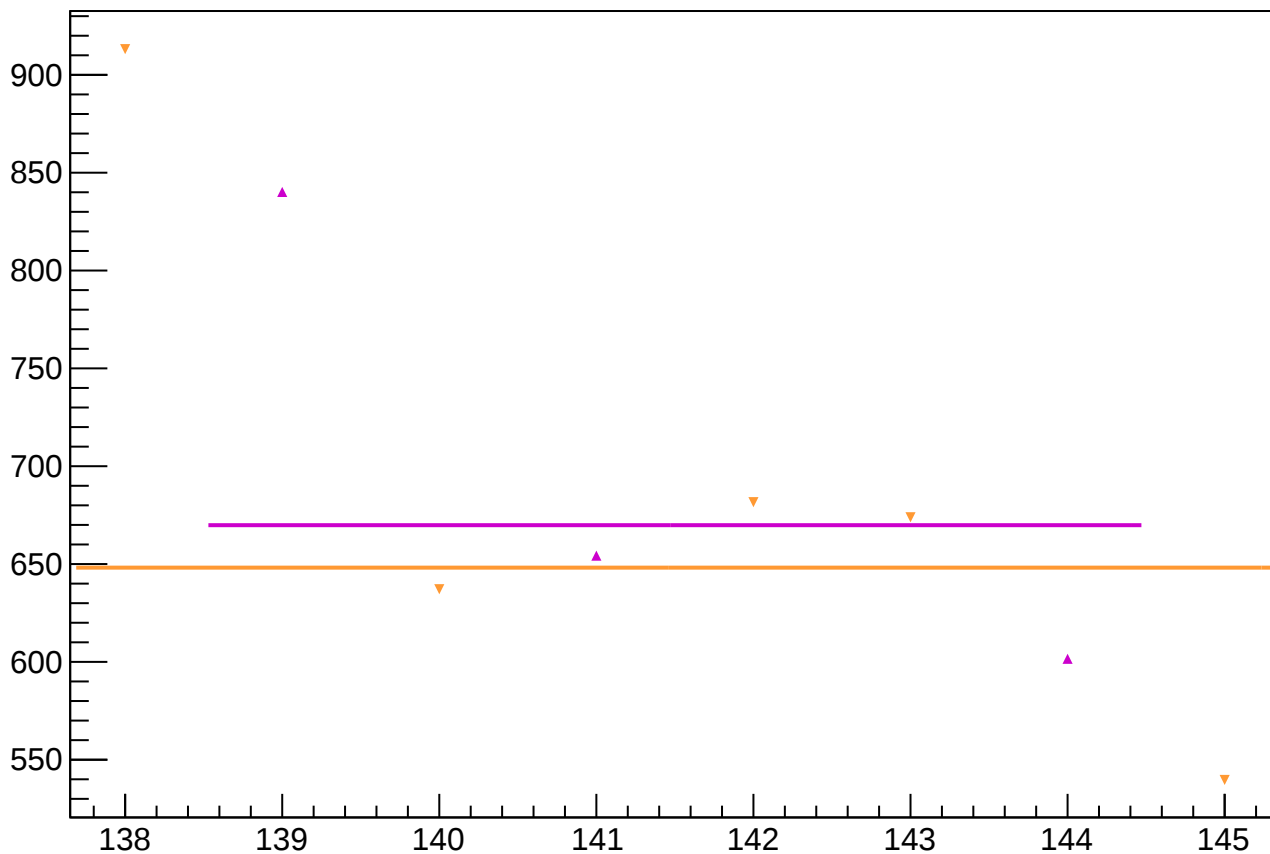
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 841.369+/-429.365 χ^2/NDF : 2.1/2

Out: -652.637+/-351.710 χ^2/NDF : 5.0/4

All: -52.715+/-272.081 χ^2/NDF : 14.3/7

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: 669.861+/-0.304 χ^2/NDF :87573.4/2

Left: 656.878+/-0.192 χ^2/NDF : 280202.0/7

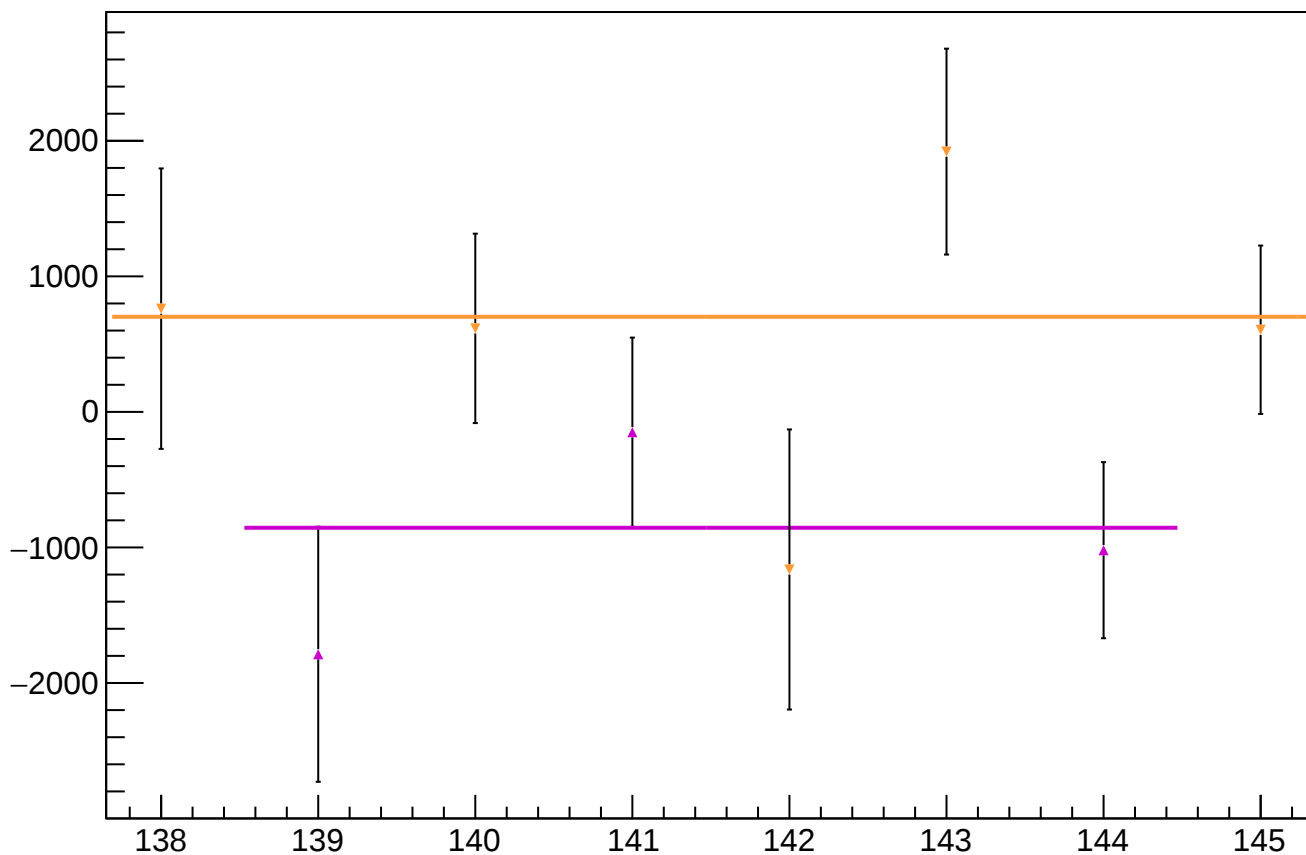
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 669.861+/-0.304 χ^2/NDF :87573.4/2

Out: 648.166+/-0.249 χ^2/NDF :189572.7/4

All: 656.878+/-0.192 χ^2/NDF : 280202.0/7

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 701.699+/-348.258 χ^2/NDF : 5.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -854.828+/-424.369 χ^2/NDF : 2.1/2

Left: 75.295+/-269.211 χ^2/NDF : 16.0/7

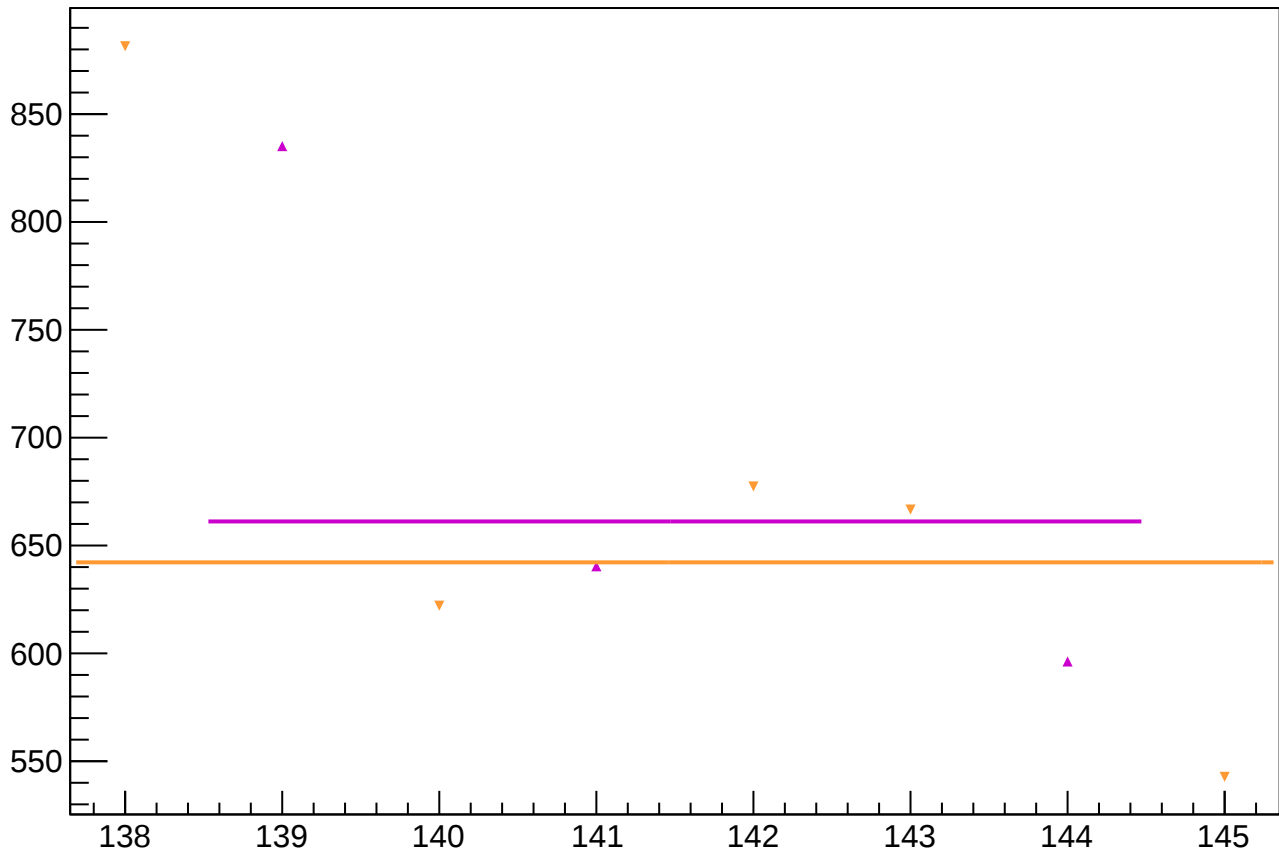
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -854.828+/-424.369 χ^2/NDF : 2.1/2

Out: 701.699+/-348.258 χ^2/NDF : 5.9/4

All: 75.295+/-269.211 χ^2/NDF : 16.0/7

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: 661.162+/-0.300 χ^2/NDF :90166.5/2

Left: 649.831+/-0.190 χ^2/NDF : 256848.3/7

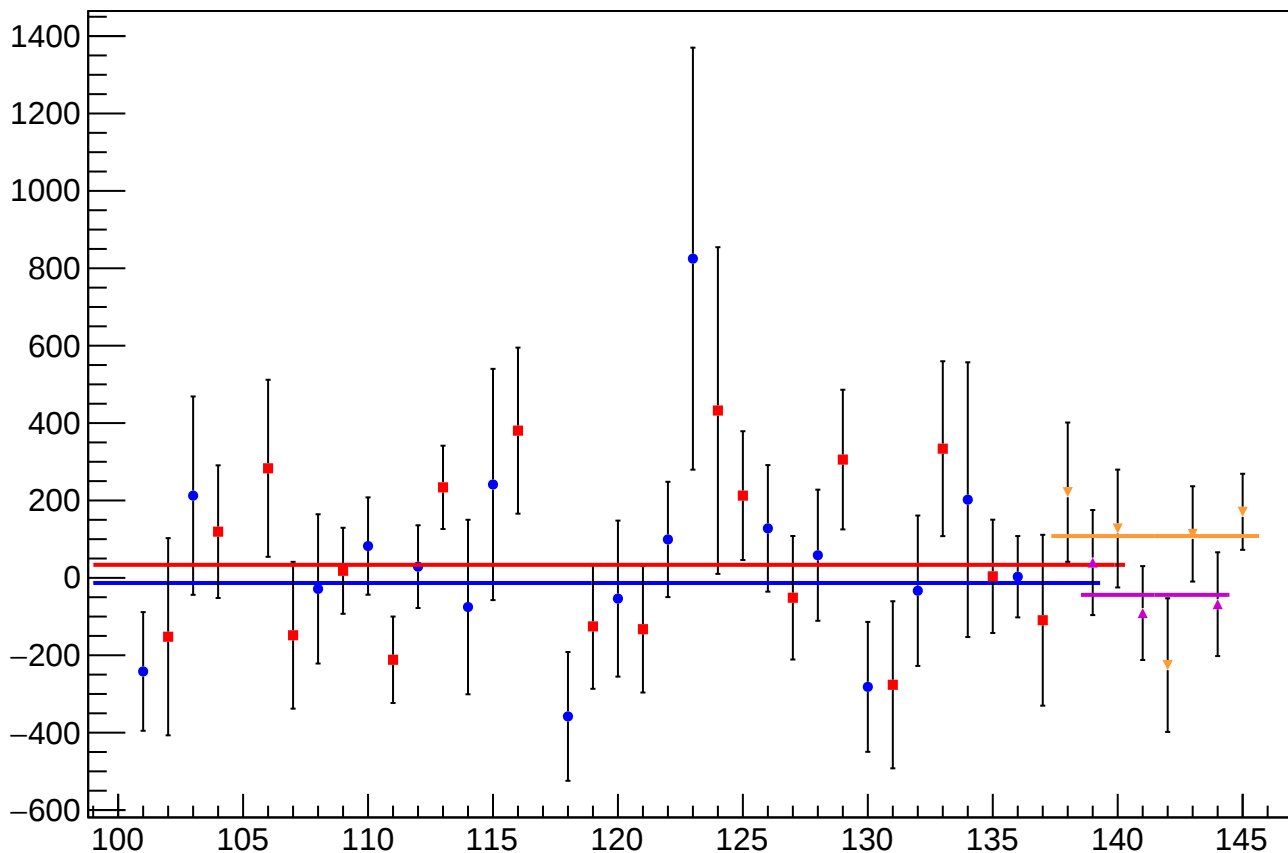
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 661.162+/-0.300 χ^2/NDF :90166.5/2

Out: 642.200+/-0.246 χ^2/NDF :164295.5/4

All: 649.831+/-0.190 χ^2/NDF : 256848.3/7

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 108.077 ± 60.079 $\chi^2/\text{NDF}: 4.6/4$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: -43.936 ± 74.999 $\chi^2/\text{NDF}: 0.6/2$

Left: 48.659 ± 46.889 $\chi^2/\text{NDF}: 7.6/7$

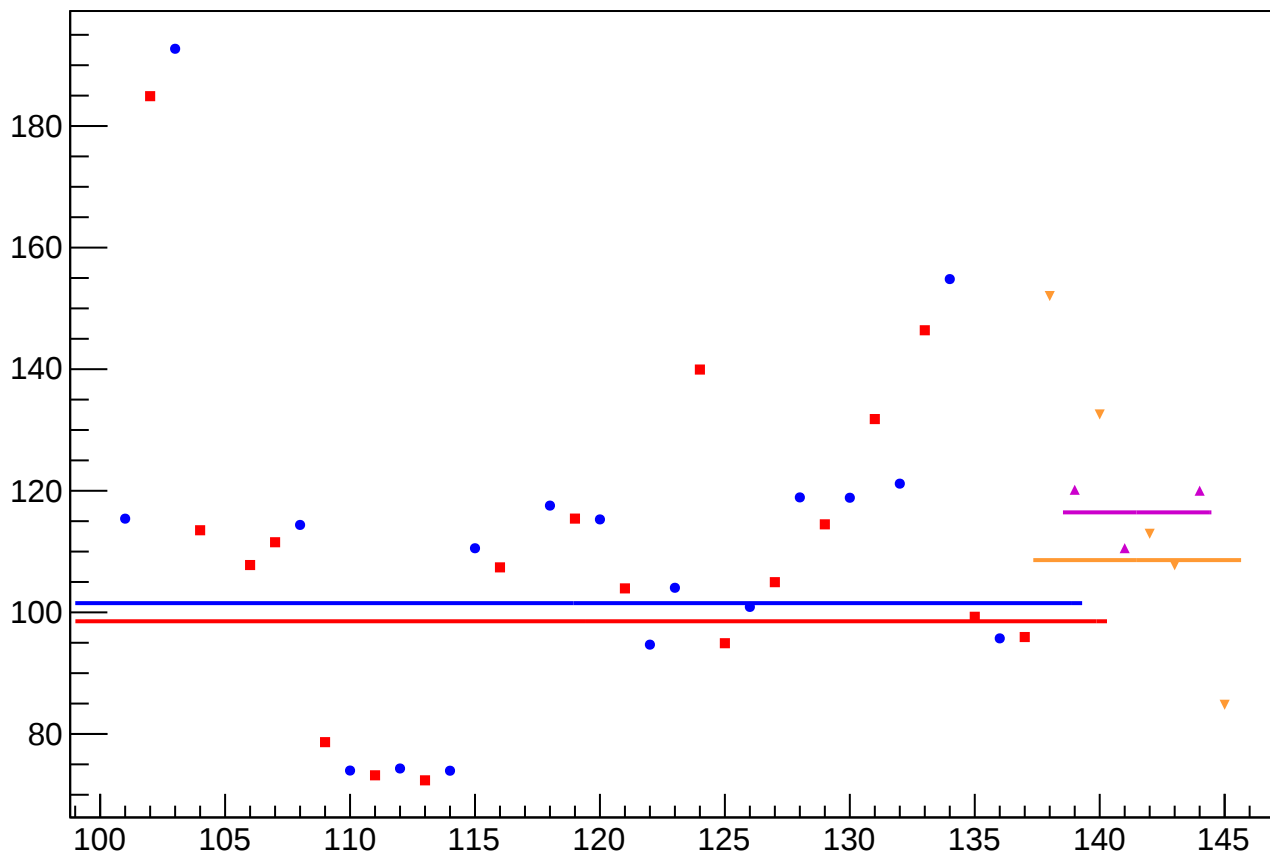
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: -20.165 ± 35.673 $\chi^2/\text{NDF}: 16.4/19$

Out: 55.619 ± 32.648 $\chi^2/\text{NDF}: 30.3/22$

All: 21.076 ± 24.084 $\chi^2/\text{NDF}: 49.2/42$

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: 116.449 $\pm$ 0.053 χ^2/NDF : 7626.2/2

Left: 111.666 $\pm$ 0.033 χ^2/NDF : 305627.9/7

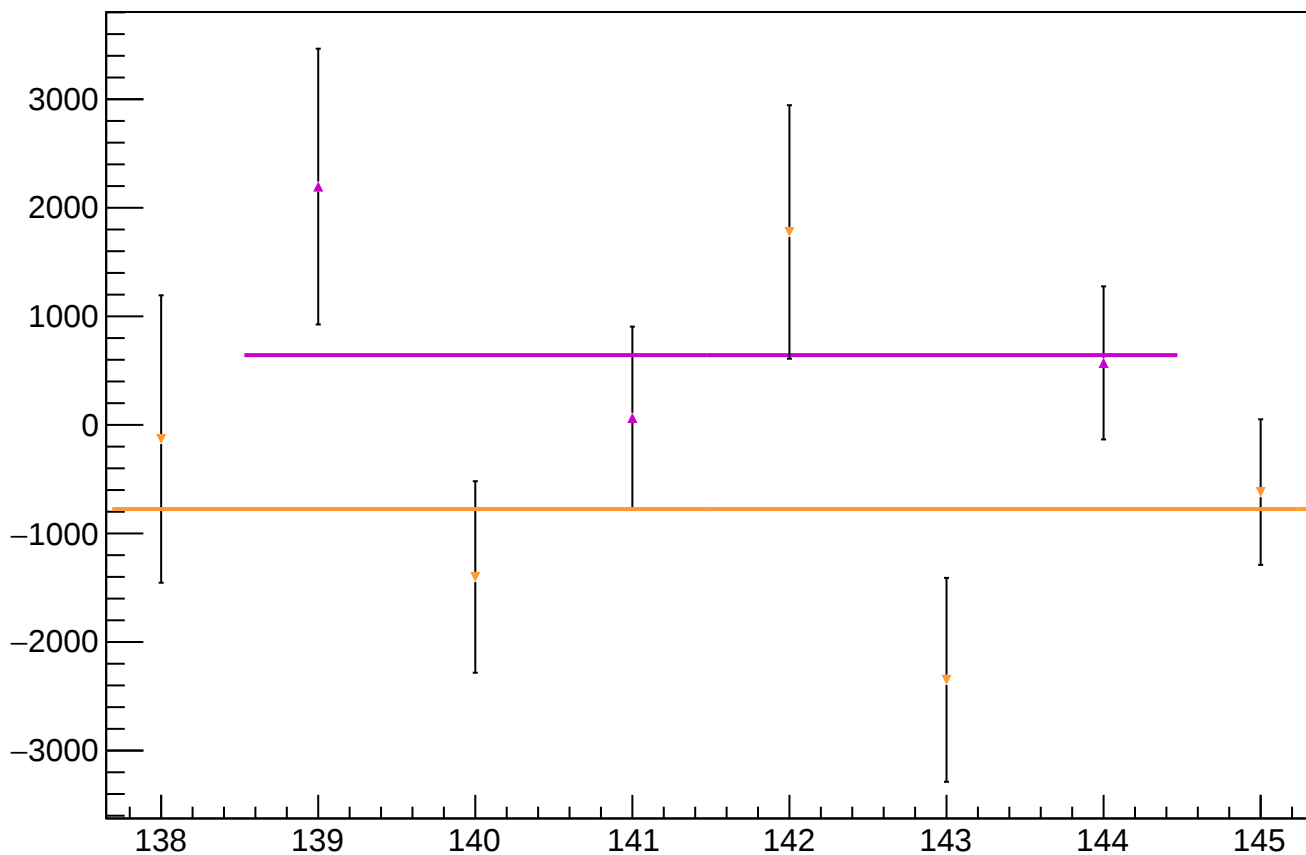
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 104.897 $\pm$ 0.025 χ^2/NDF : 750667.9/19

Out: 101.507 $\pm$ 0.023 χ^2/NDF : 1071149.3/22

All: 103.052 $\pm$ 0.017 χ^2/NDF : 1831642.6/42

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: 642.950+/-497.122 χ^2/NDF : 2.0/2

Left: -200.910+/-316.339 χ^2/NDF : 15.2/7

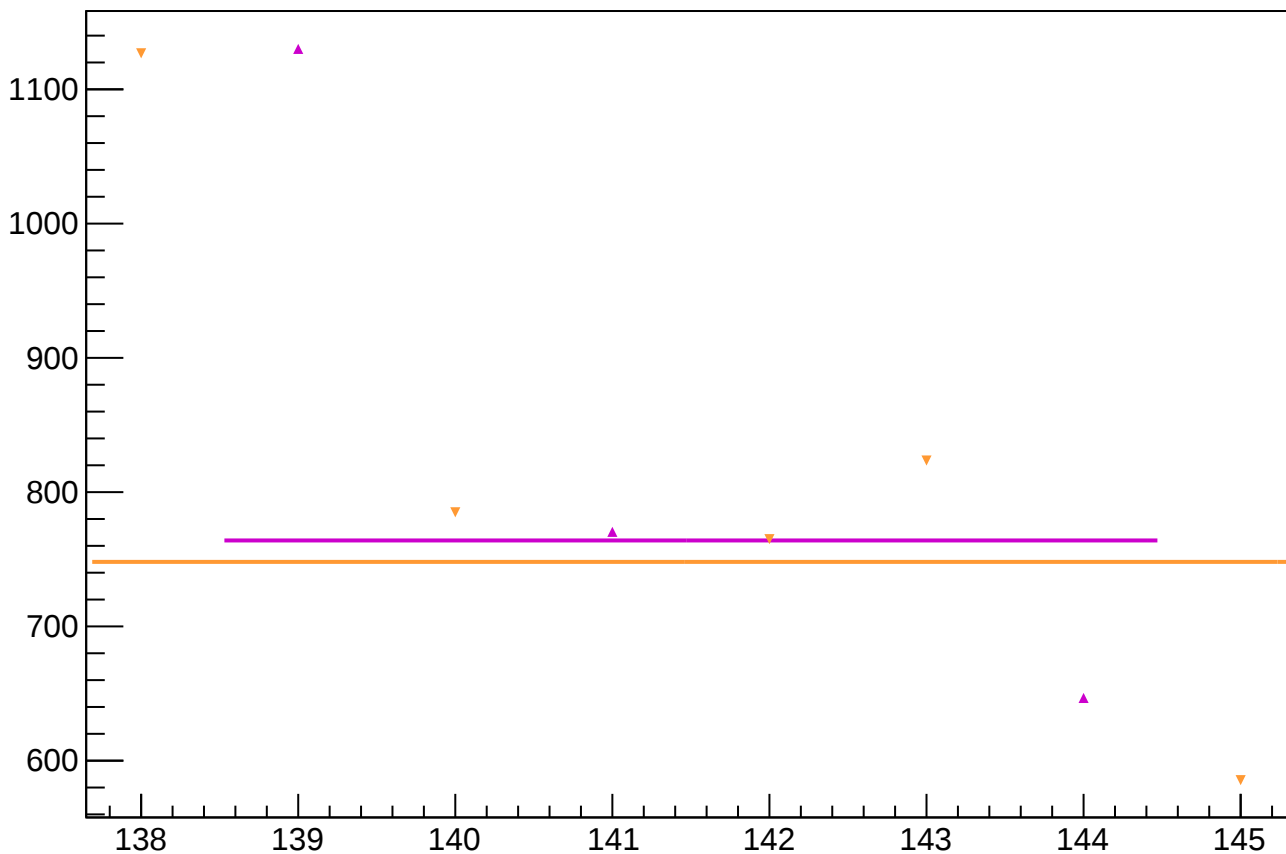
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.950+/-497.122 χ^2/NDF : 2.0/2

Out: -775.138+/-410.081 χ^2/NDF : 8.4/4

All: -200.910+/-316.339 χ^2/NDF : 15.2/7

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: 764.017+/-0.352 χ^2/NDF :221643.5/2

Left: 754.522+/-0.224 χ^2/NDF : 520979.8/7

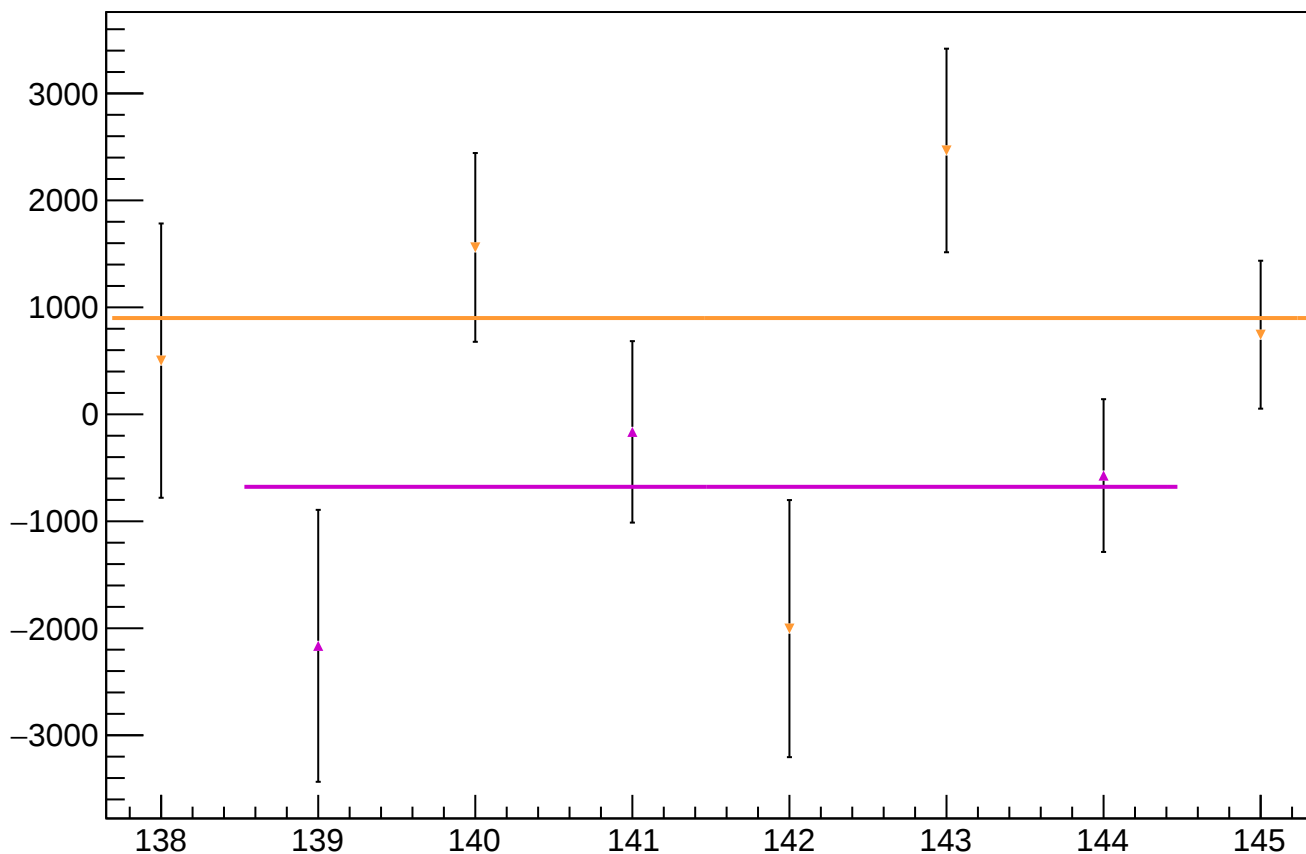
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 764.017+/-0.352 χ^2/NDF :221643.5/2

Out: 748.060+/-0.290 χ^2/NDF :298110.1/4

All: 754.522+/-0.224 χ^2/NDF : 520979.8/7

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: -677.613+/-501.866 χ^2/NDF : 1.8/2

Left: 257.667+/-320.238 χ^2/NDF : 16.9/7

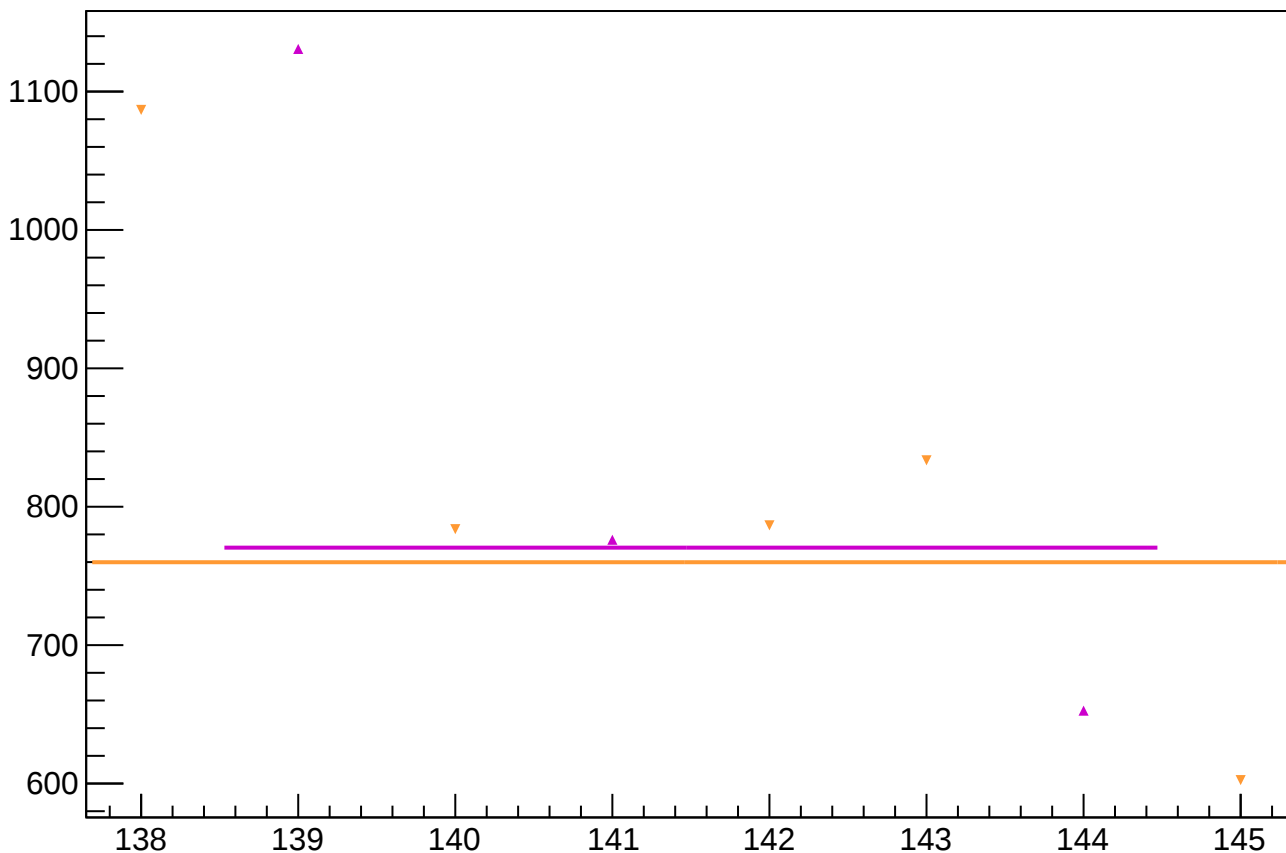
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -677.613+/-501.866 χ^2/NDF : 1.8/2

Out: 900.029+/-415.917 χ^2/NDF : 9.3/4

All: 257.667+/-320.238 χ^2/NDF : 16.9/7

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: 770.440+/-0.355 χ^2/NDF :215261.2/2

Left: 764.196+/-0.226 χ^2/NDF : 463863.2/7

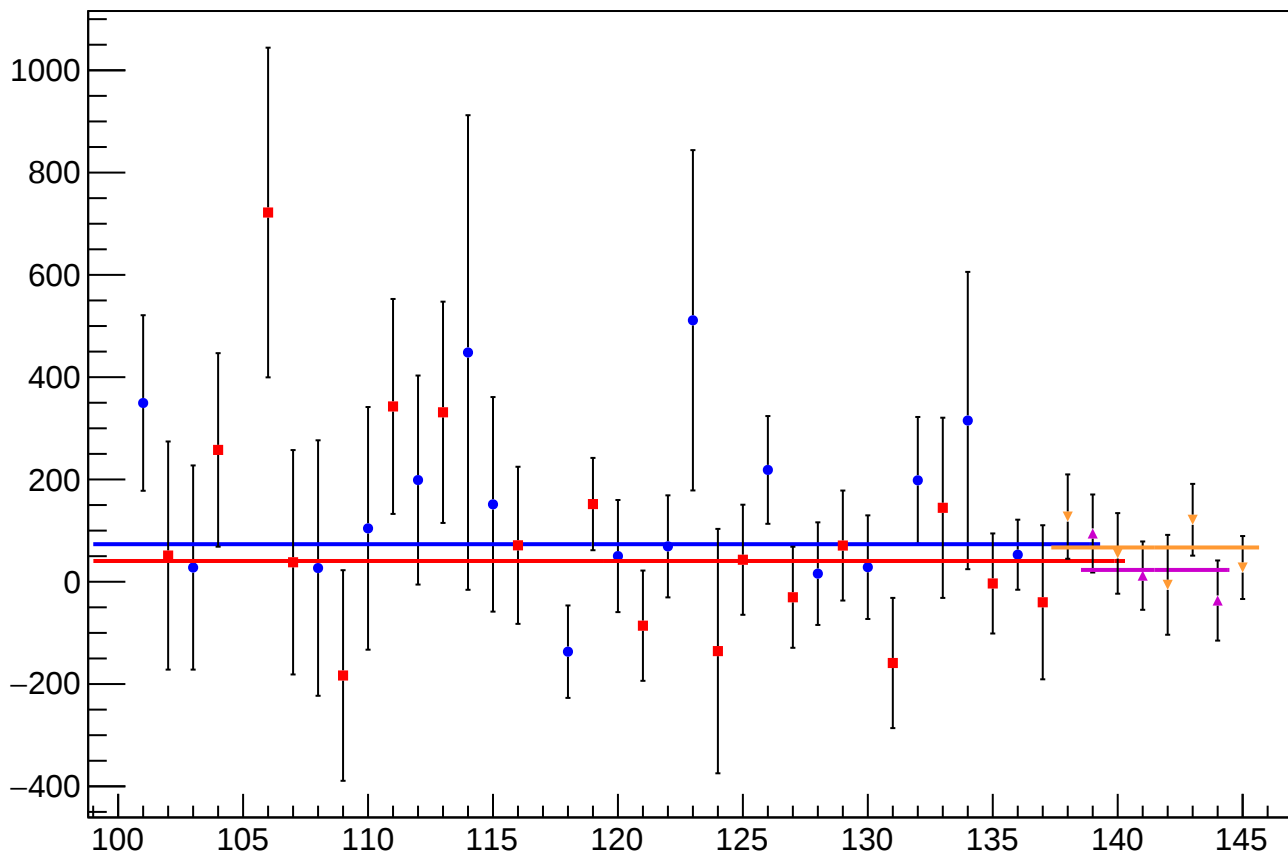
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 770.440+/-0.355 χ^2/NDF :215261.2/2

Out: 759.907+/-0.294 χ^2/NDF :248079.8/4

All: 764.196+/-0.226 χ^2/NDF : 463863.2/7

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: 23.114 $\pm$ 42.298 χ^2 /NDF: 1.5/2

Left: 49.974 $\pm$ 26.360 χ^2 /NDF: 4.3/7

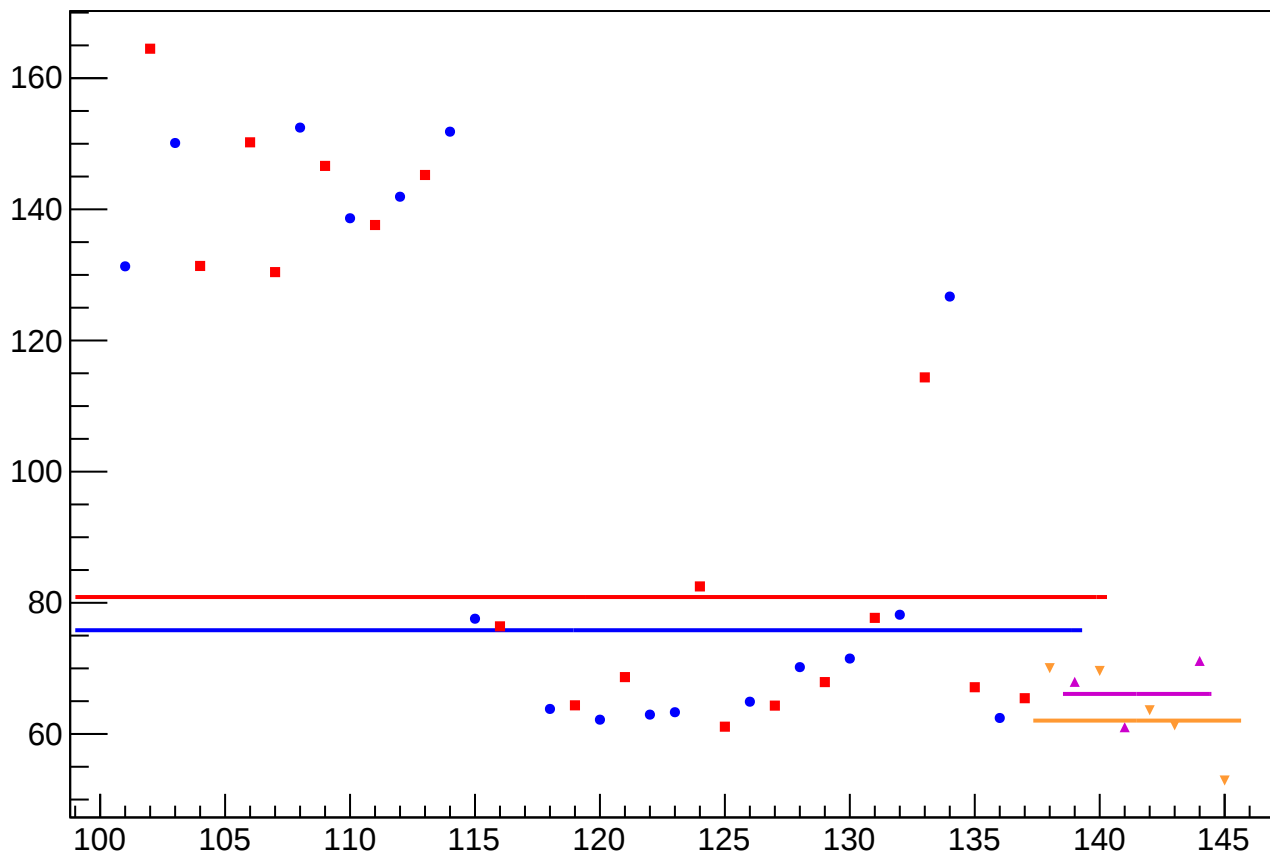
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 55.814 $\pm$ 25.035 χ^2 /NDF: 17.7/19

Out: 53.430 $\pm$ 23.487 χ^2 /NDF: 20.7/22

All: 54.546 $\pm$ 17.129 χ^2 /NDF: 38.3/42

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: 66.107 $\pm$ 0.030 χ^2 /NDF: 20977.1/2

Left: 63.619 $\pm$ 0.019 χ^2 /NDF: 114336.5/7

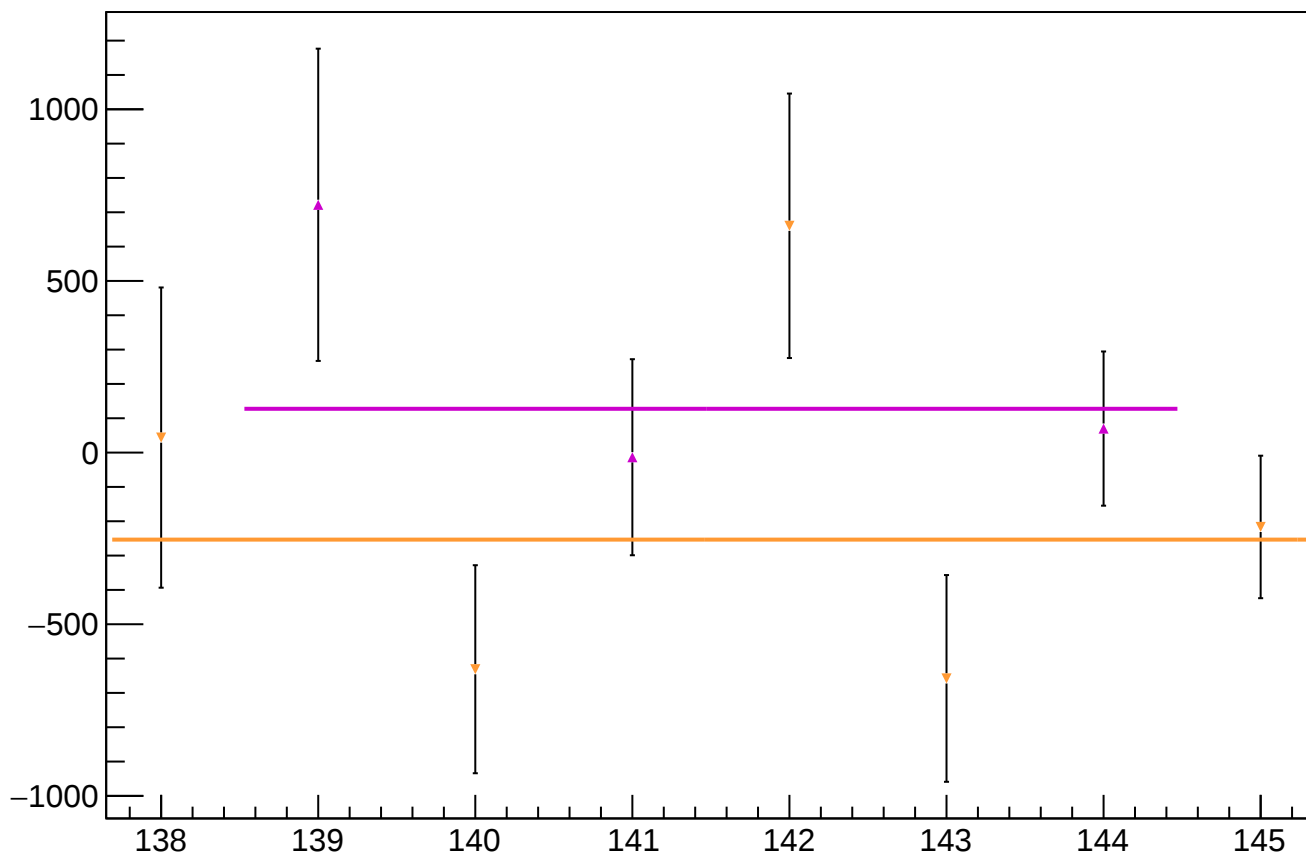
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 72.417 $\pm$ 0.018 χ^2 /NDF: 1439458.8/19

Out: 71.733 $\pm$ 0.017 χ^2 /NDF: 1929599.8/22

All: 72.053 $\pm$ 0.012 χ^2 /NDF: 3369852.0/42

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: 127.571+/-164.563 χ^2/NDF :2.0/2

Left: -103.855+/-103.123 χ^2/NDF : 14.8/7

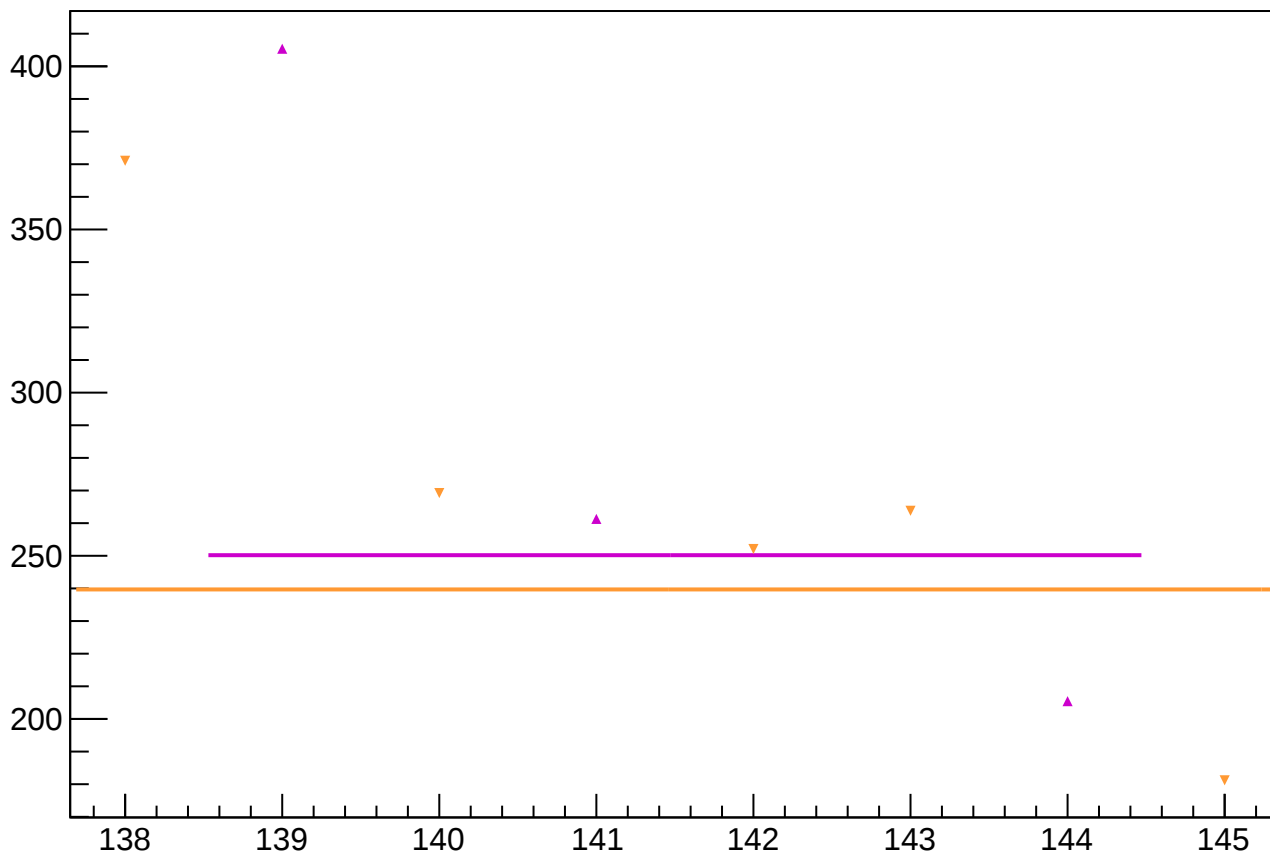
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.571+/-164.563 χ^2/NDF :2.0/2

Out: -253.494+/-132.327 χ^2/NDF :9.5/4

All: -103.855+/-103.123 χ^2/NDF : 14.8/7

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: 250.184+/-0.116 χ^2/NDF :315355.3/2

Left: 243.809+/-0.073 χ^2/NDF : 693601.3/7

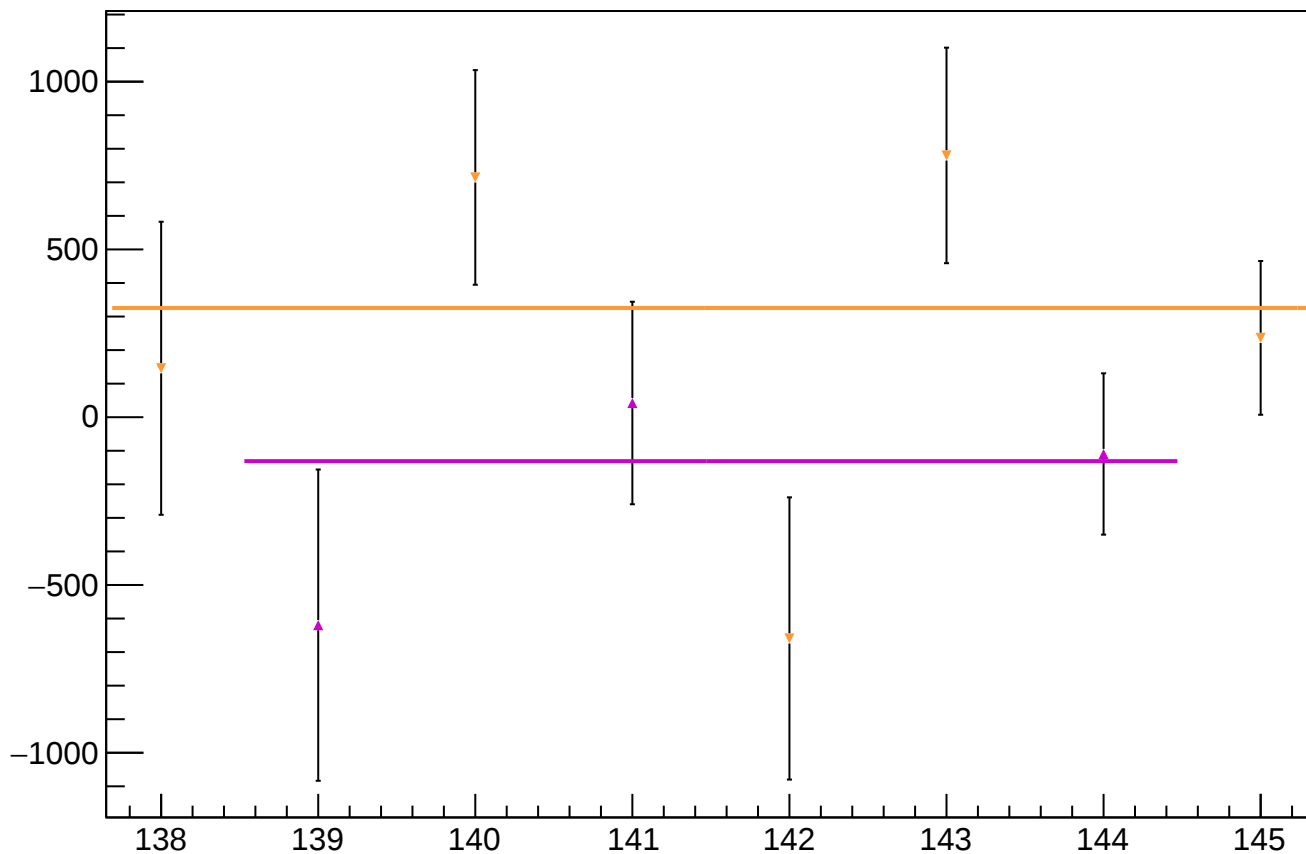
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 250.184+/-0.116 χ^2/NDF :315355.3/2

Out: 239.688+/-0.094 χ^2/NDF :373304.4/4

All: 243.809+/-0.073 χ^2/NDF : 693601.3/7

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 325.533+/-142.246 χ^2/NDF :9.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -130.942+/-174.269 χ^2/NDF :1.4/2

Left: 143.010+/-110.197 χ^2/NDF : 14.9/7

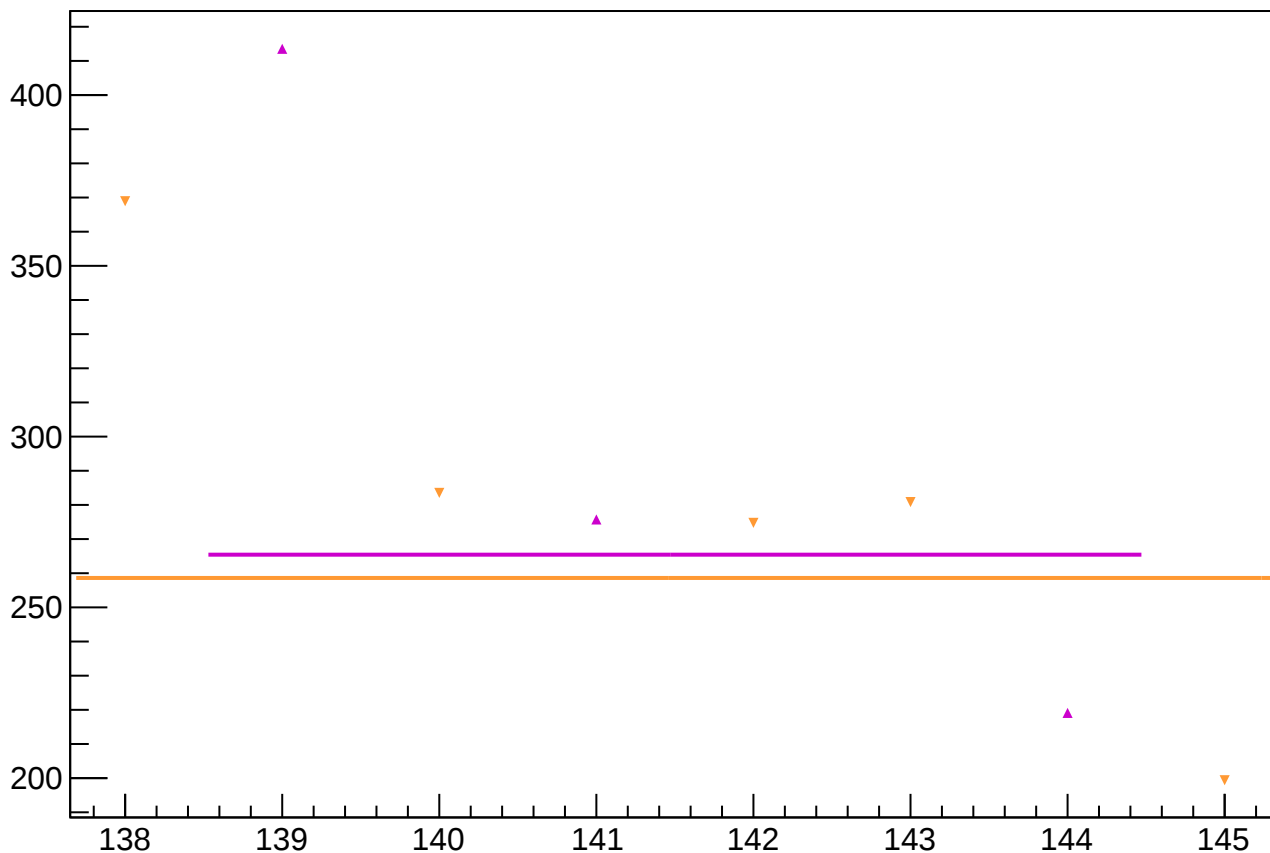
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -130.942+/-174.269 χ^2/NDF :1.4/2

Out: 325.533+/-142.246 χ^2/NDF :9.3/4

All: 143.010+/-110.197 χ^2/NDF : 14.9/7

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: 265.430+/-0.123 χ^2/NDF : 280541.2/2

Left: 261.339+/-0.078 χ^2/NDF : 568328.5/7

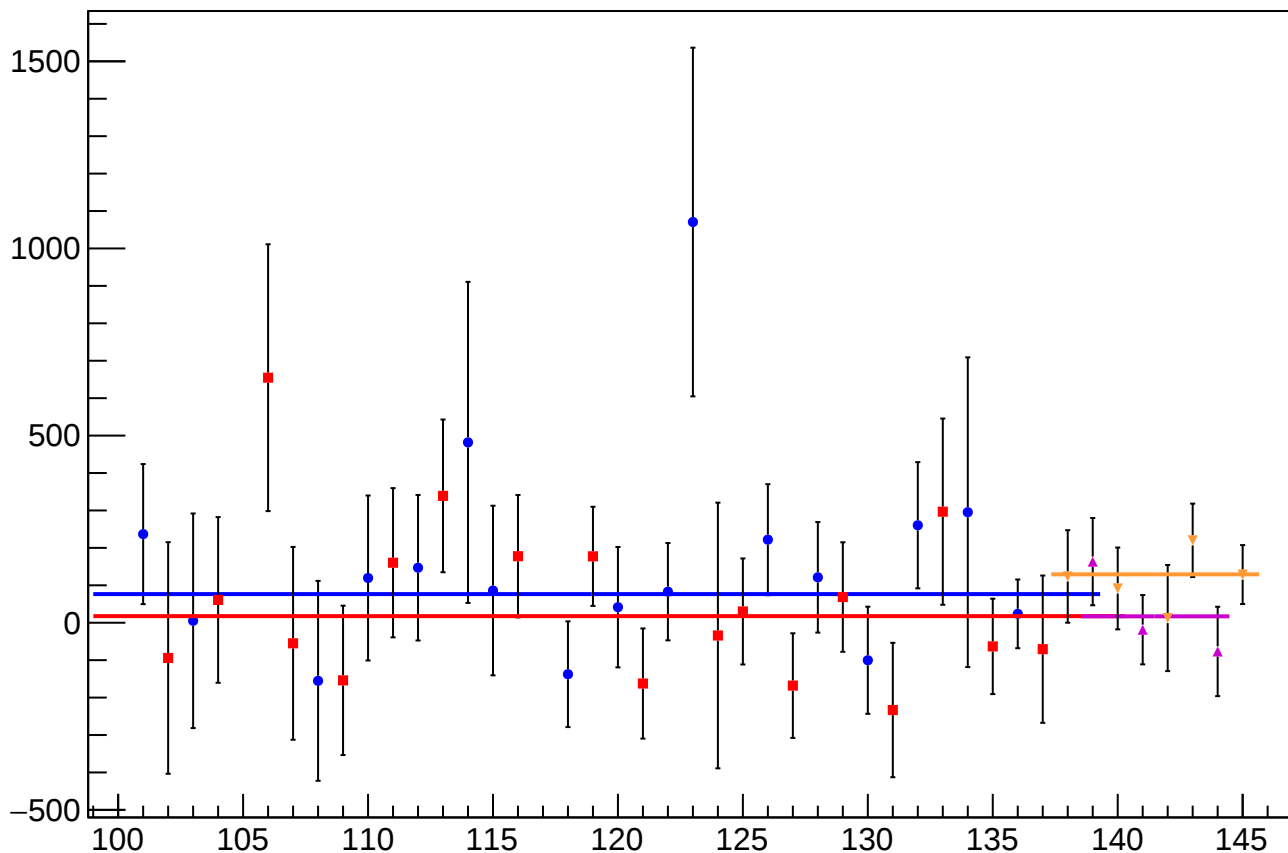
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 265.430+/-0.123 χ^2/NDF : 280541.2/2

Out: 258.613+/-0.101 χ^2/NDF : 285950.8/4

All: 261.339+/-0.078 χ^2/NDF : 568328.5/7

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: 17.117 $\pm$ 61.967 χ^2 /NDF:2.3/2

Left: 88.976 $\pm$ 37.153 χ^2 /NDF: 6.1/7

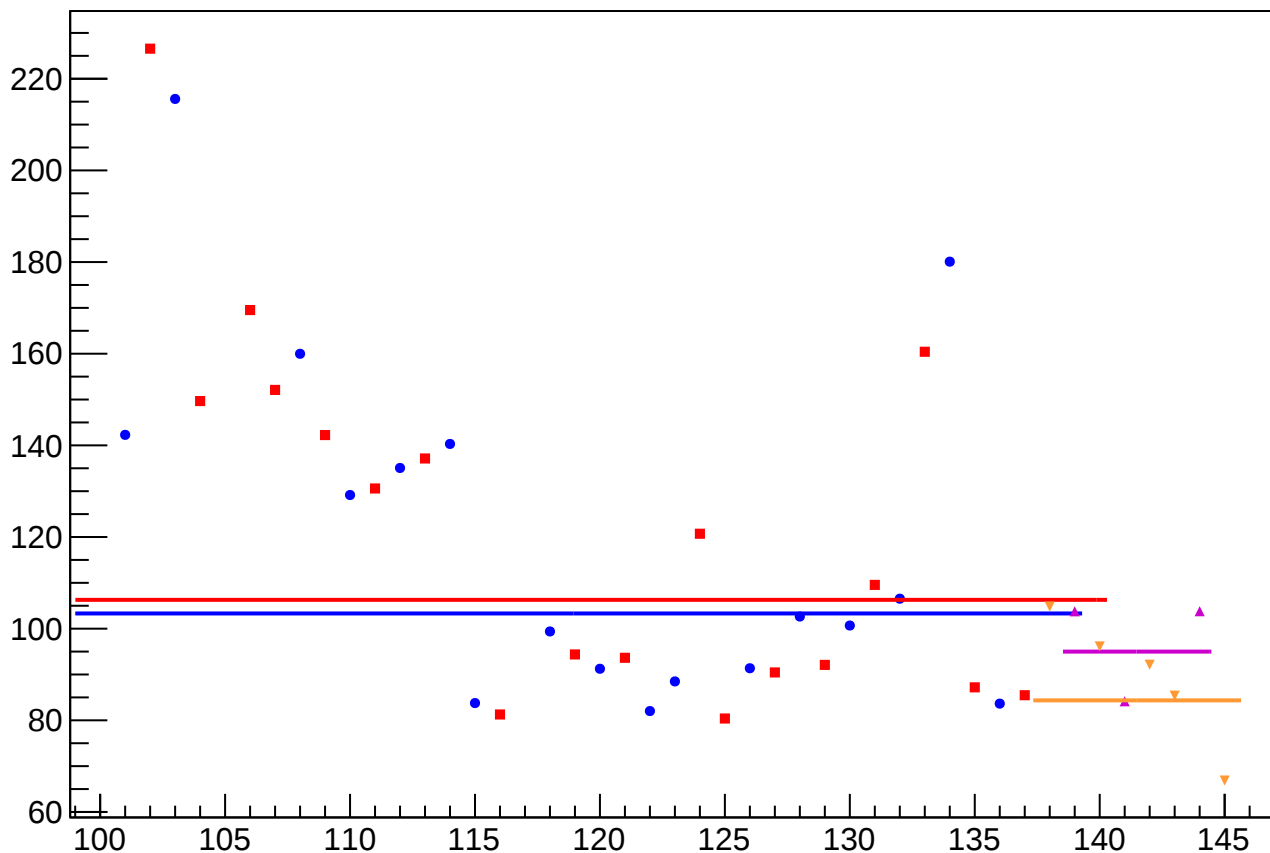
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 58.079 $\pm$ 34.514 χ^2 /NDF:16.9/19

Out: 68.273 $\pm$ 31.266 χ^2 /NDF:21.6/22

All: 63.679 $\pm$ 23.172 χ^2 /NDF: 38.5/42

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: 94.993 $\pm$ 0.044 χ^2 /NDF:49706.4/2

Left: 88.178 $\pm$ 0.026 χ^2 /NDF: 270435.6/7

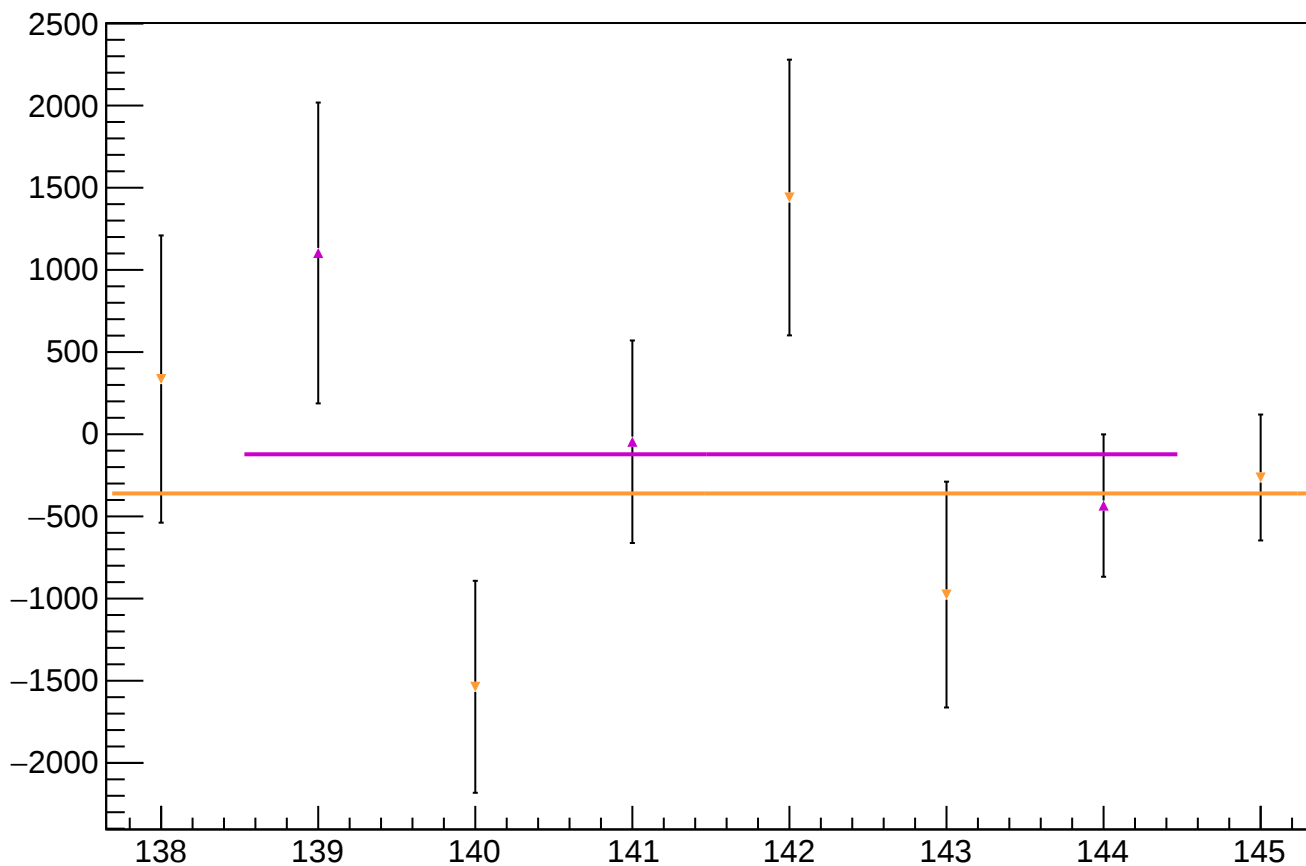
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 100.735 $\pm$ 0.024 χ^2 /NDF:912403.7/19

Out: 96.338 $\pm$ 0.022 χ^2 /NDF:1427673.7/22

All: 98.320 $\pm$ 0.016 χ^2 /NDF: 2357905.2/42

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -360.326 $\pm$ 266.623 χ^2 /NDF:9.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -121.994 $\pm$ 330.443 χ^2 /NDF:2.3/2

Left: -266.348 $\pm$ 207.501 χ^2 /NDF: 12.1/7

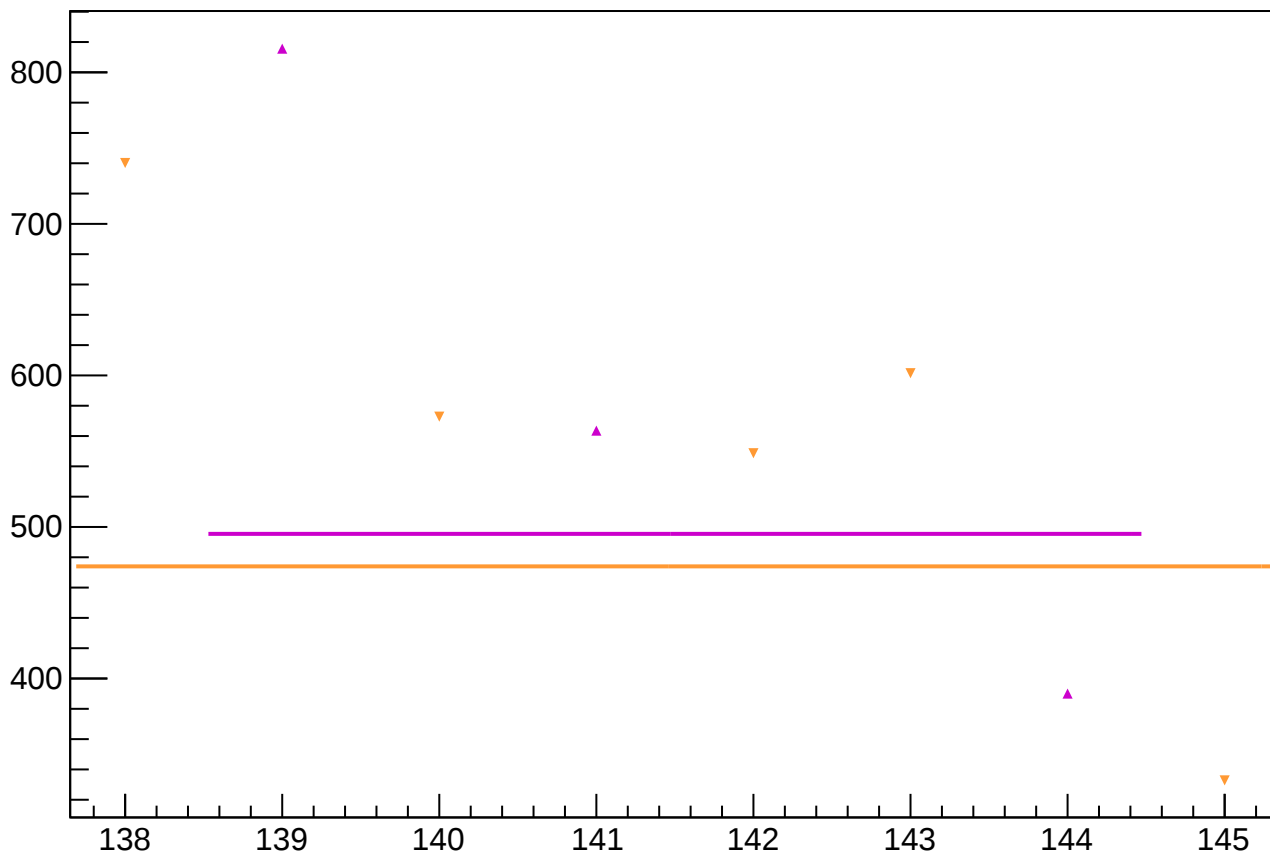
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -121.994 $\pm$ 330.443 χ^2 /NDF:2.3/2

Out: -360.326 $\pm$ 266.623 χ^2 /NDF:9.4/4

All: -266.348 $\pm$ 207.501 χ^2 /NDF: 12.1/7

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 473.995+/-0.189 χ^2/NDF : 588955.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 495.445+/-0.234 χ^2/NDF : 387585.5/2

Left: 482.453+/-0.147 χ^2/NDF : 981644.9/7

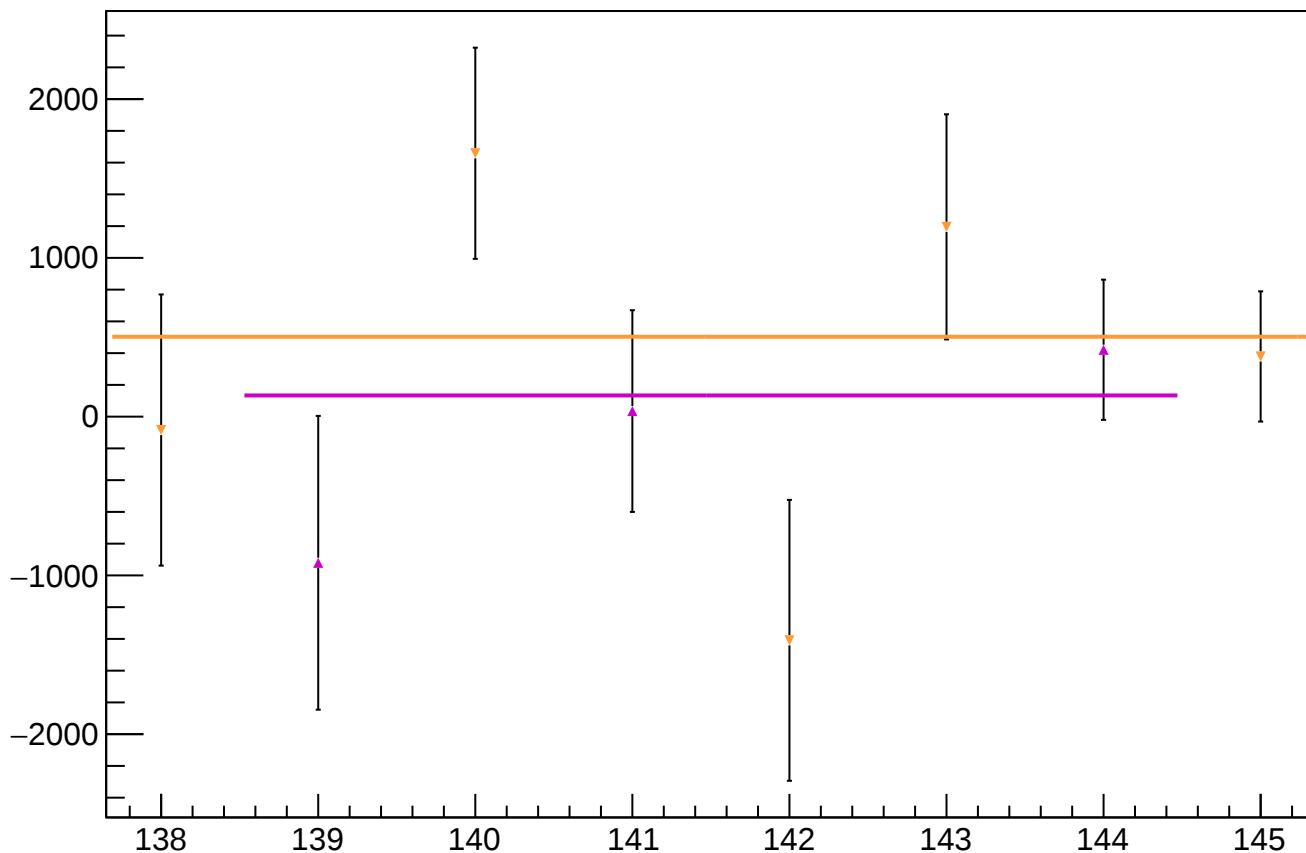
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 495.445+/-0.234 χ^2/NDF : 387585.5/2

Out: 473.995+/-0.189 χ^2/NDF : 588955.1/4

All: 482.453+/-0.147 χ^2/NDF : 981644.9/7

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 503.412 ± 278.998 $\chi^2/\text{NDF}: 9.2/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 133.546 ± 337.622 $\chi^2/\text{NDF}: 1.7/2$

Left: 353.328 ± 215.068 $\chi^2/\text{NDF}: 11.7/7$

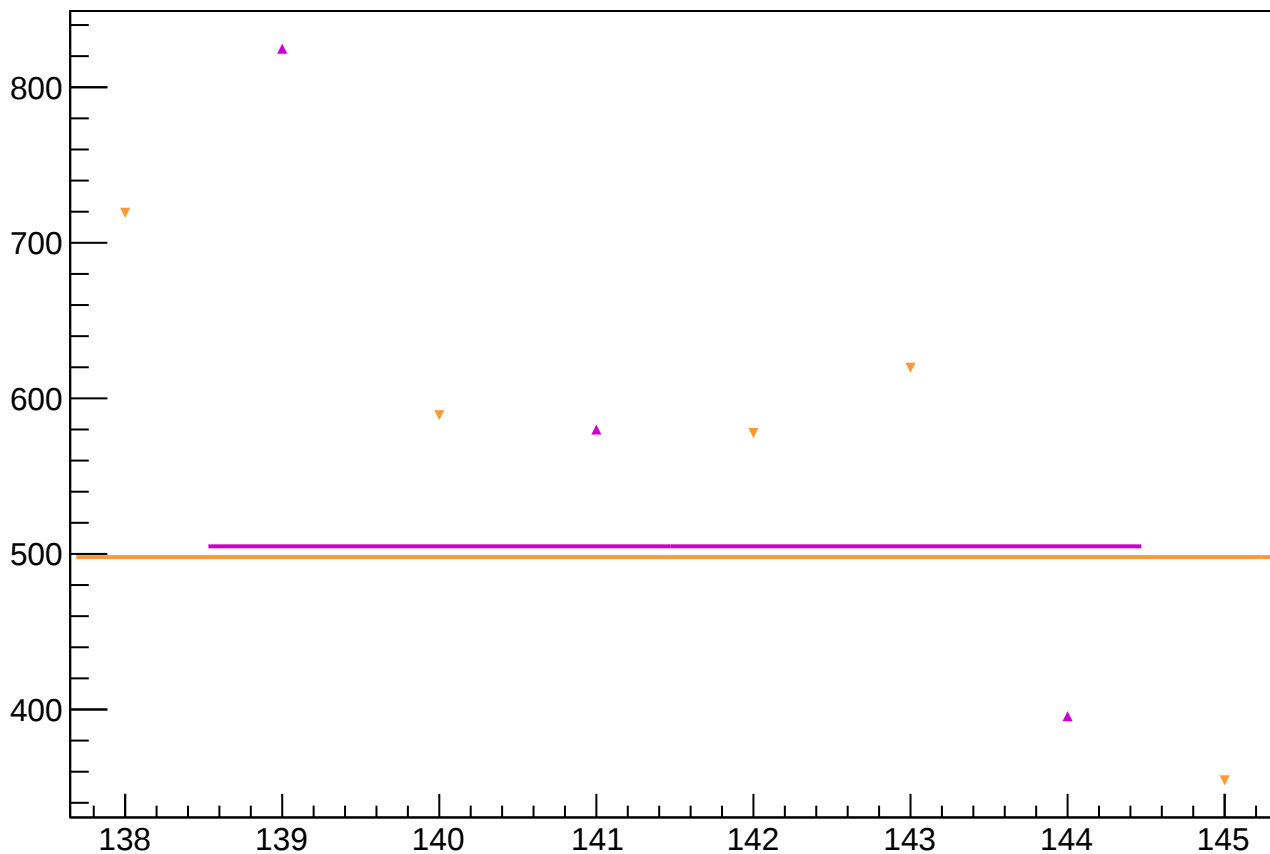
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 133.546 ± 337.622 $\chi^2/\text{NDF}: 1.7/2$

Out: 503.412 ± 278.998 $\chi^2/\text{NDF}: 9.2/4$

All: 353.328 ± 215.068 $\chi^2/\text{NDF}: 11.7/7$

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: 504.882+/-0.239 χ^2/NDF :389300.9/2

Left: 500.768+/-0.152 χ^2/NDF : 881966.7/7

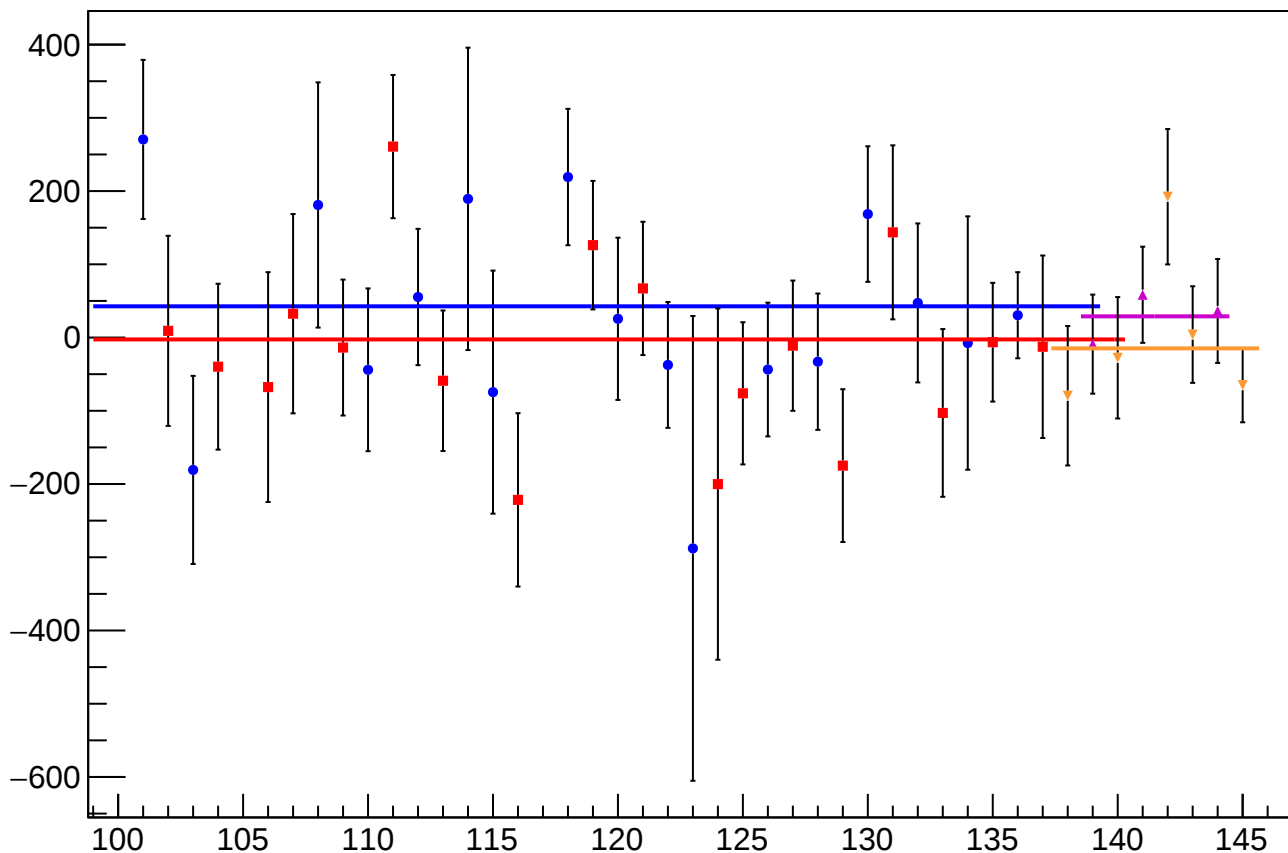
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 504.882+/-0.239 χ^2/NDF :389300.9/2

Out: 497.959+/-0.197 χ^2/NDF :492166.1/4

All: 500.768+/-0.152 χ^2/NDF : 881966.7/7

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: 28.954 $\pm$ 39.242 χ^2/NDF : 0.5/2

Left: 2.526 $\pm$ 24.683 χ^2/NDF : 7.8/7

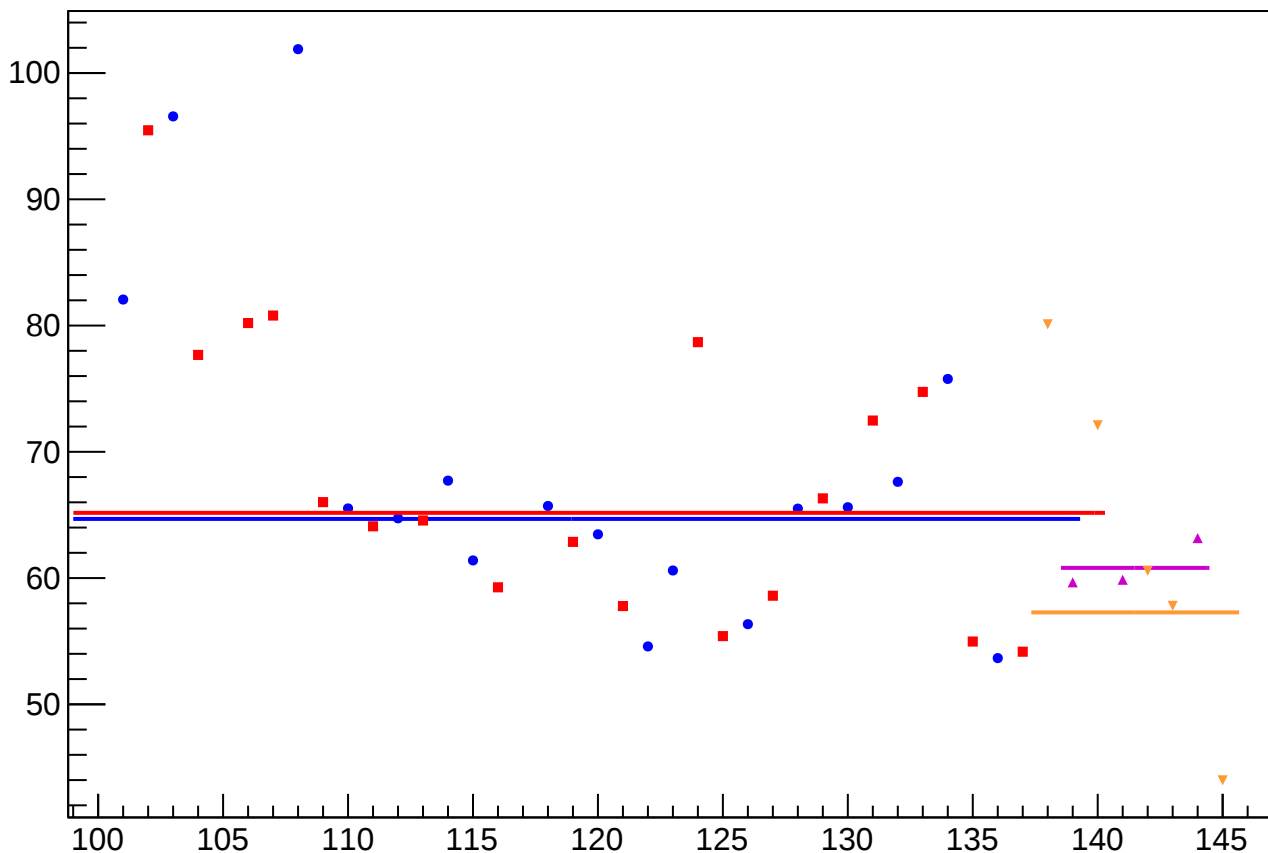
Right: 19.683 $\pm$ 17.879 χ^2/NDF : 40.9/34

In: 38.590 $\pm$ 21.374 χ^2/NDF : 19.5/19

Out: -7.265 $\pm$ 19.685 χ^2/NDF : 27.1/22

All: 13.779 $\pm$ 14.479 χ^2/NDF : 49.0/42

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: 60.808 $\pm$ 0.028 χ^2 /NDF:3192.1/2

Left: 58.676 $\pm$ 0.017 χ^2 /NDF: 332133.1/7

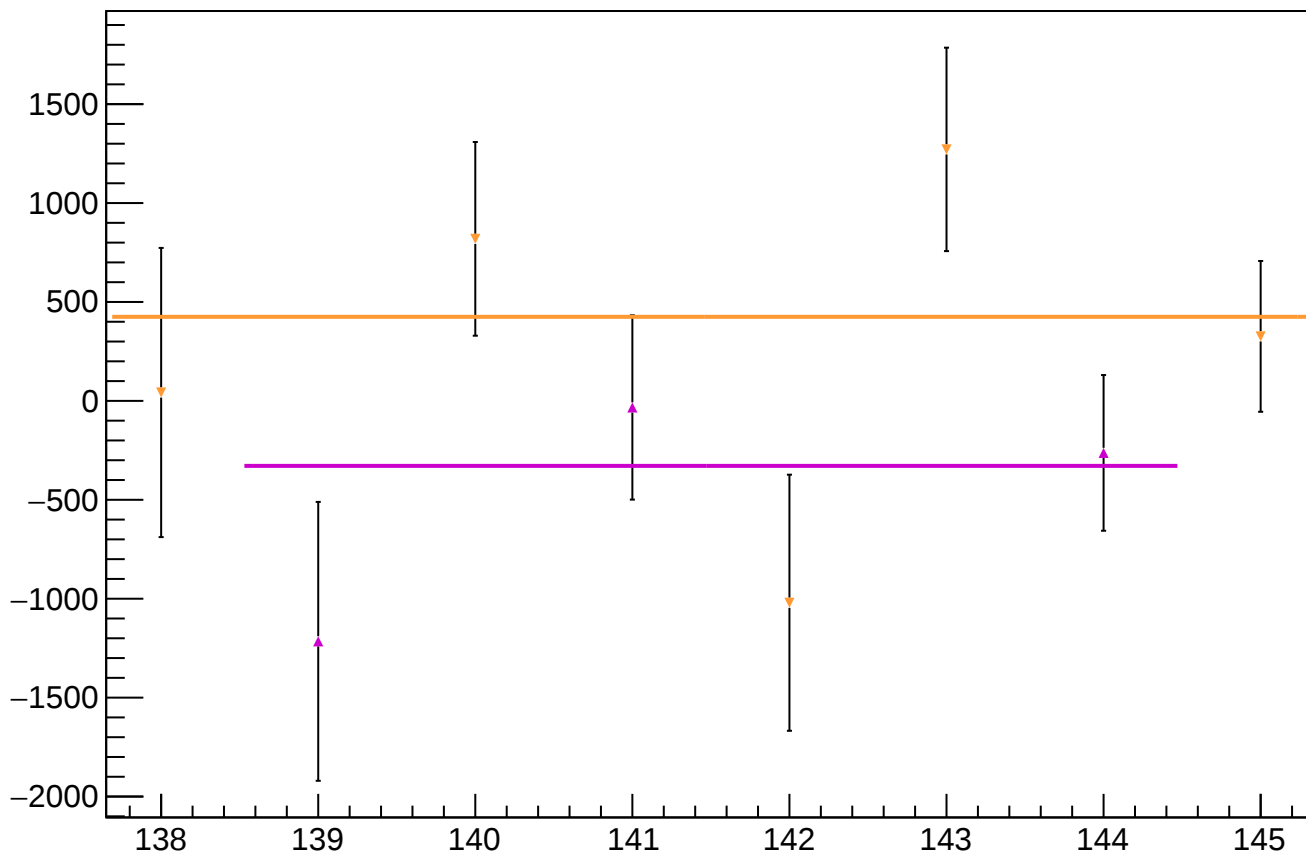
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 63.535 $\pm$ 0.015 χ^2 /NDF:417111.6/19

Out: 62.136 $\pm$ 0.014 χ^2 /NDF:699723.7/22

All: 62.778 $\pm$ 0.010 χ^2 /NDF: 1121473.9/42

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: -328.534+/-276.500 χ^2/NDF : 2.0/2

Left: 118.633+/-176.287 χ^2/NDF : 15.1/7

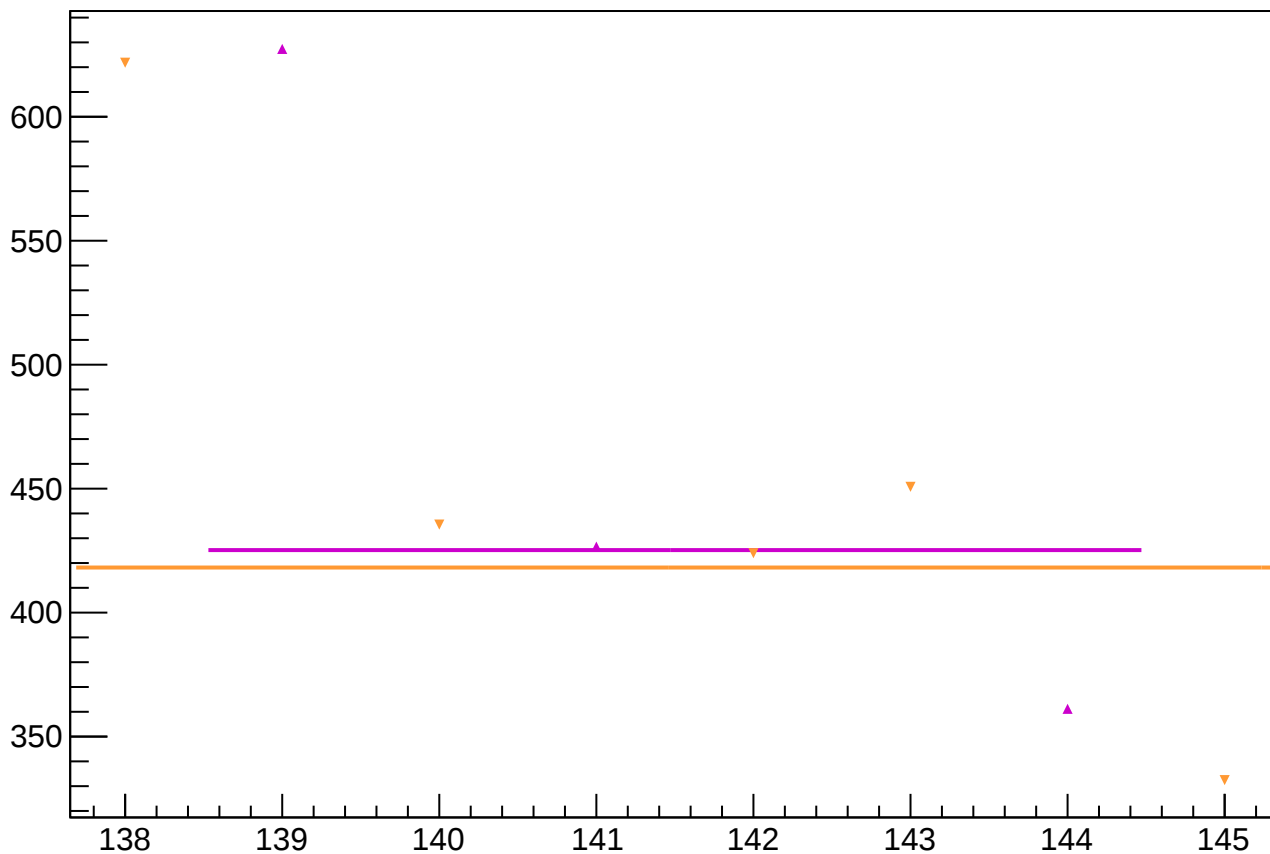
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -328.534+/-276.500 χ^2/NDF : 2.0/2

Out: 424.893+/-228.826 χ^2/NDF : 8.7/4

All: 118.633+/-176.287 χ^2/NDF : 15.1/7

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: 425.219+/-0.196 χ^2/NDF :217431.2/2

Left: 421.045+/-0.125 χ^2/NDF : 485354.6/7

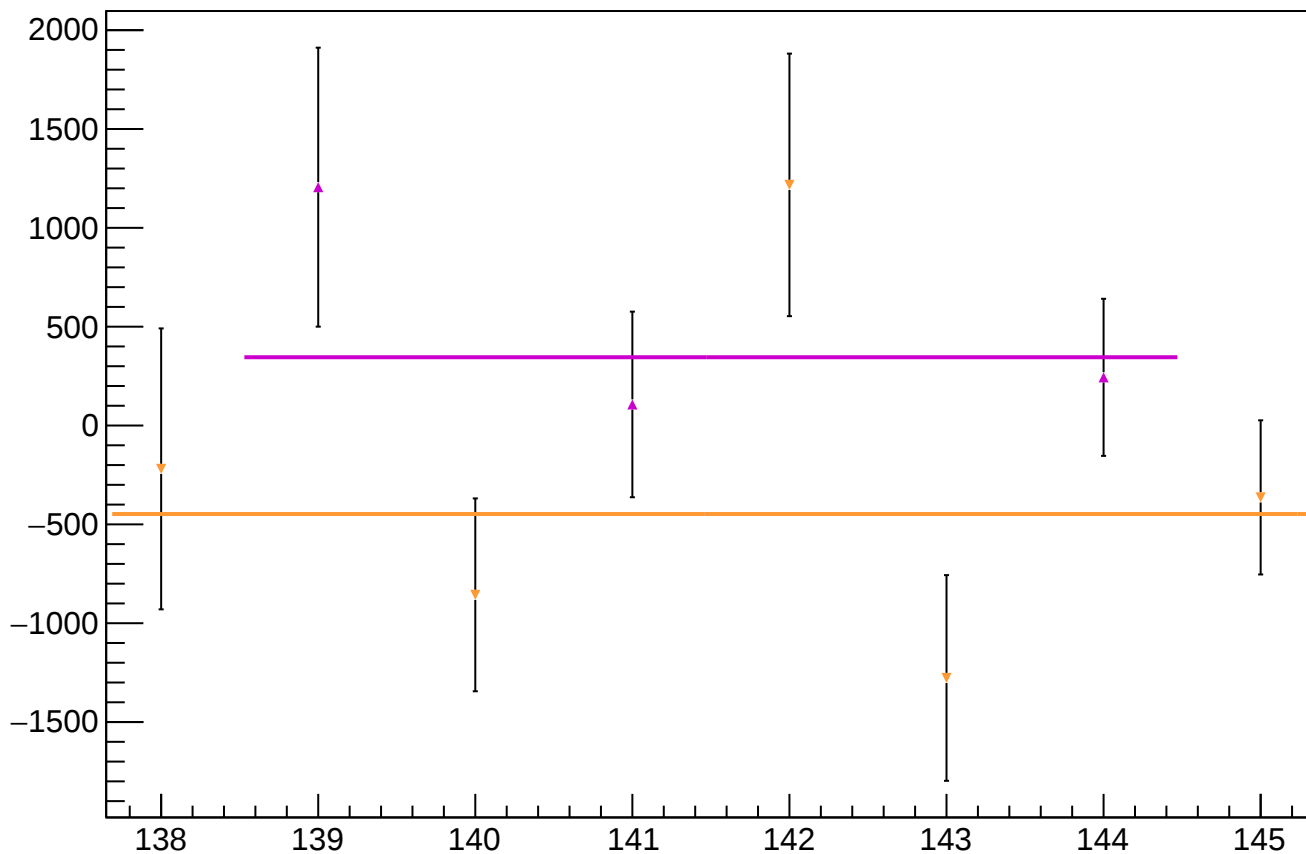
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 425.219+/-0.196 χ^2/NDF :217431.2/2

Out: 418.186+/-0.162 χ^2/NDF :267155.4/4

All: 421.045+/-0.125 χ^2/NDF : 485354.6/7

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: 345.477+/-278.641 χ^2/NDF :1.8/2

Left: -124.437+/-177.883 χ^2/NDF : 16.3/7

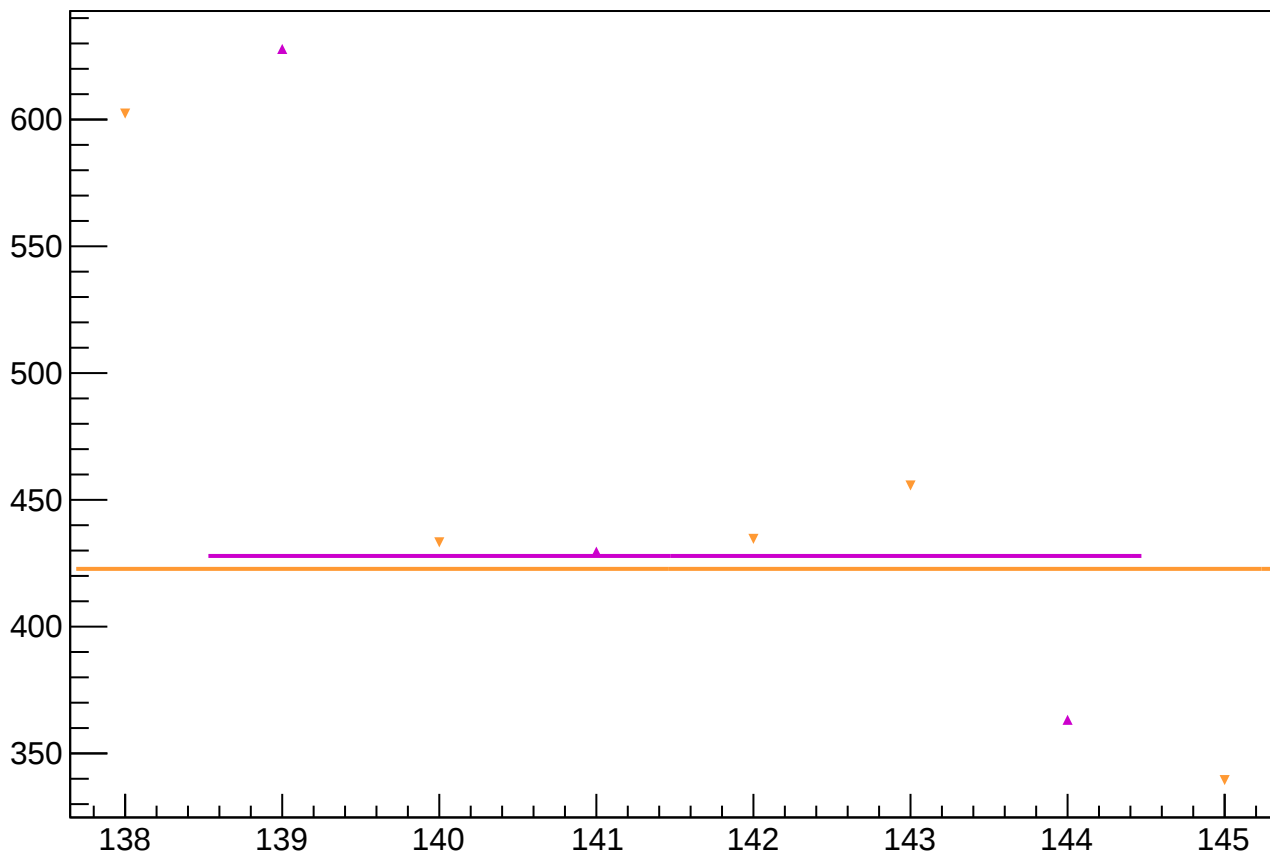
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.477+/-278.641 χ^2/NDF :1.8/2

Out: -447.694+/-231.105 χ^2/NDF :9.7/4

All: -124.437+/-177.883 χ^2/NDF : 16.3/7

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: 427.878+/-0.197 χ^2/NDF : 213540.4/2

Left: 424.858+/-0.126 χ^2/NDF : 442504.0/7

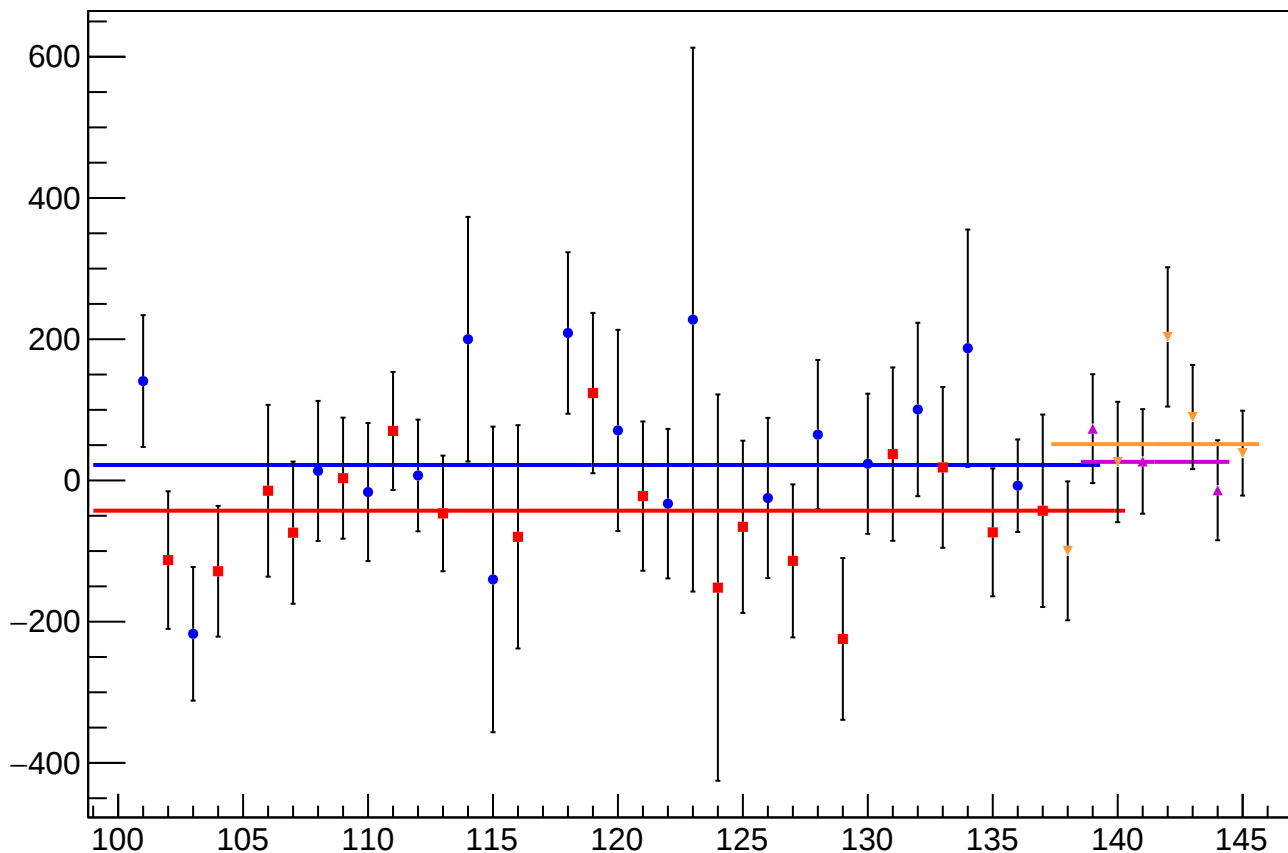
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.878+/-0.197 χ^2/NDF : 213540.4/2

Out: 422.780+/-0.163 χ^2/NDF : 228567.0/4

All: 424.858+/-0.126 χ^2/NDF : 442504.0/7

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 51.461 ± 35.255 $\chi^2/\text{NDF}: 5.1/4$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: 26.335 ± 42.637 $\chi^2/\text{NDF}: 0.7/2$

Left: 41.258 ± 27.170 $\chi^2/\text{NDF}: 6.0/7$

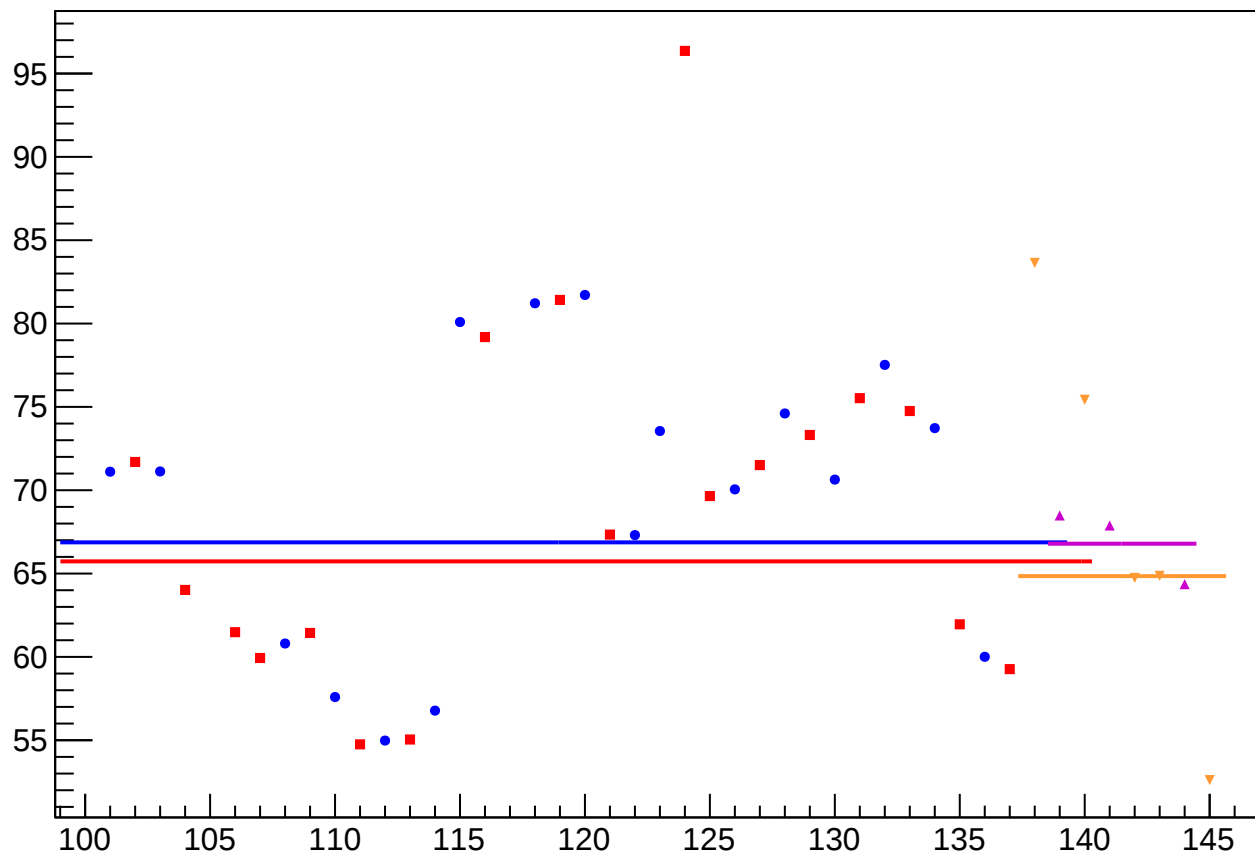
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 23.111 ± 22.232 $\chi^2/\text{NDF}: 15.8/19$

Out: -11.077 ± 20.456 $\chi^2/\text{NDF}: 19.7/22$

All: 4.597 ± 15.053 $\chi^2/\text{NDF}: 36.8/42$

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: 66.792 $\pm$ 0.030 χ^2 /NDF:3750.8/2

Left: 65.637 $\pm$ 0.019 χ^2 /NDF: 193048.1/7

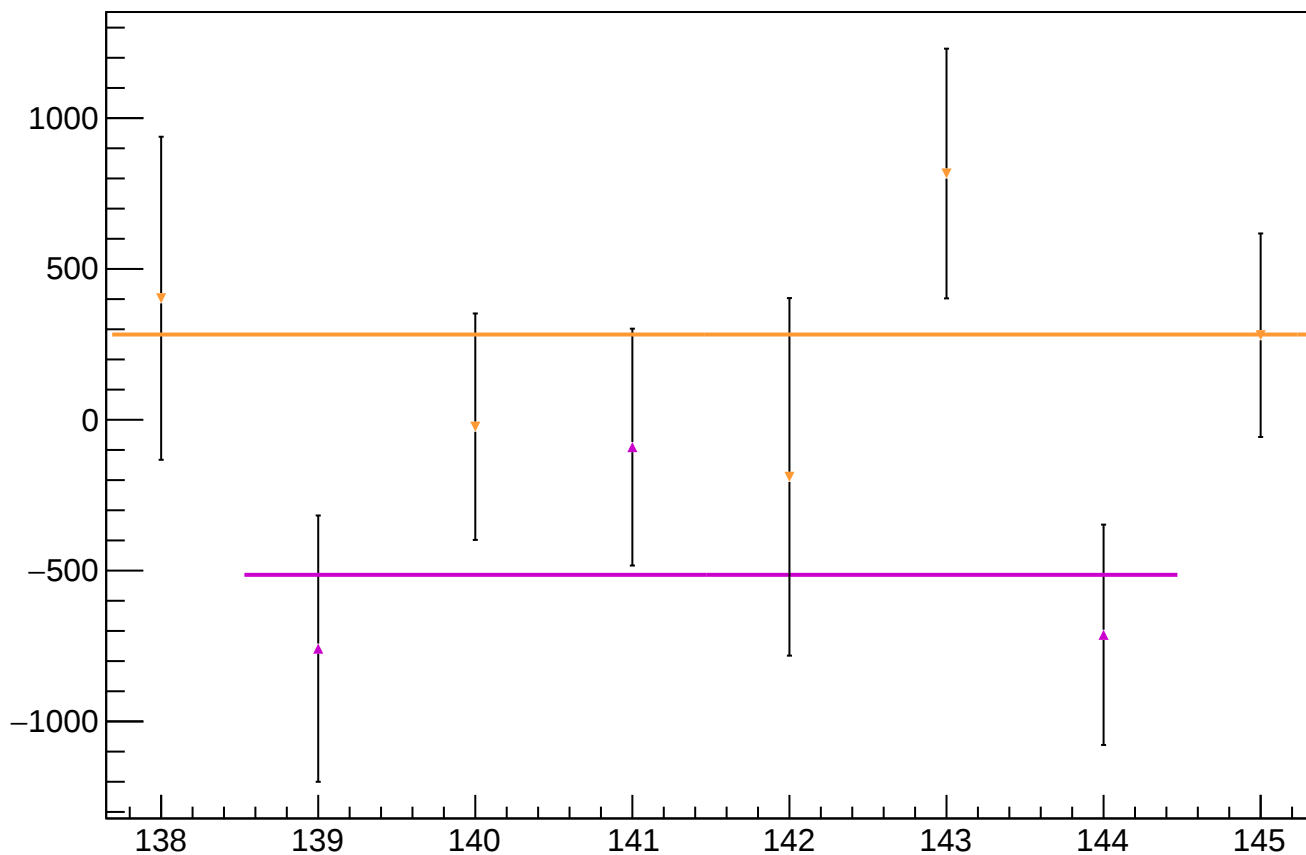
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 66.850 $\pm$ 0.016 χ^2 /NDF:206271.5/19

Out: 65.433 $\pm$ 0.014 χ^2 /NDF:406526.0/22

All: 66.083 $\pm$ 0.011 χ^2 /NDF: 617198.1/42

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 282.669 ± 188.784 $\chi^2/\text{NDF}: 3.0/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -513.999 ± 228.704 $\chi^2/\text{NDF}: 1.8/2$

Left: -40.178 ± 145.591 $\chi^2/\text{NDF}: 12.0/7$

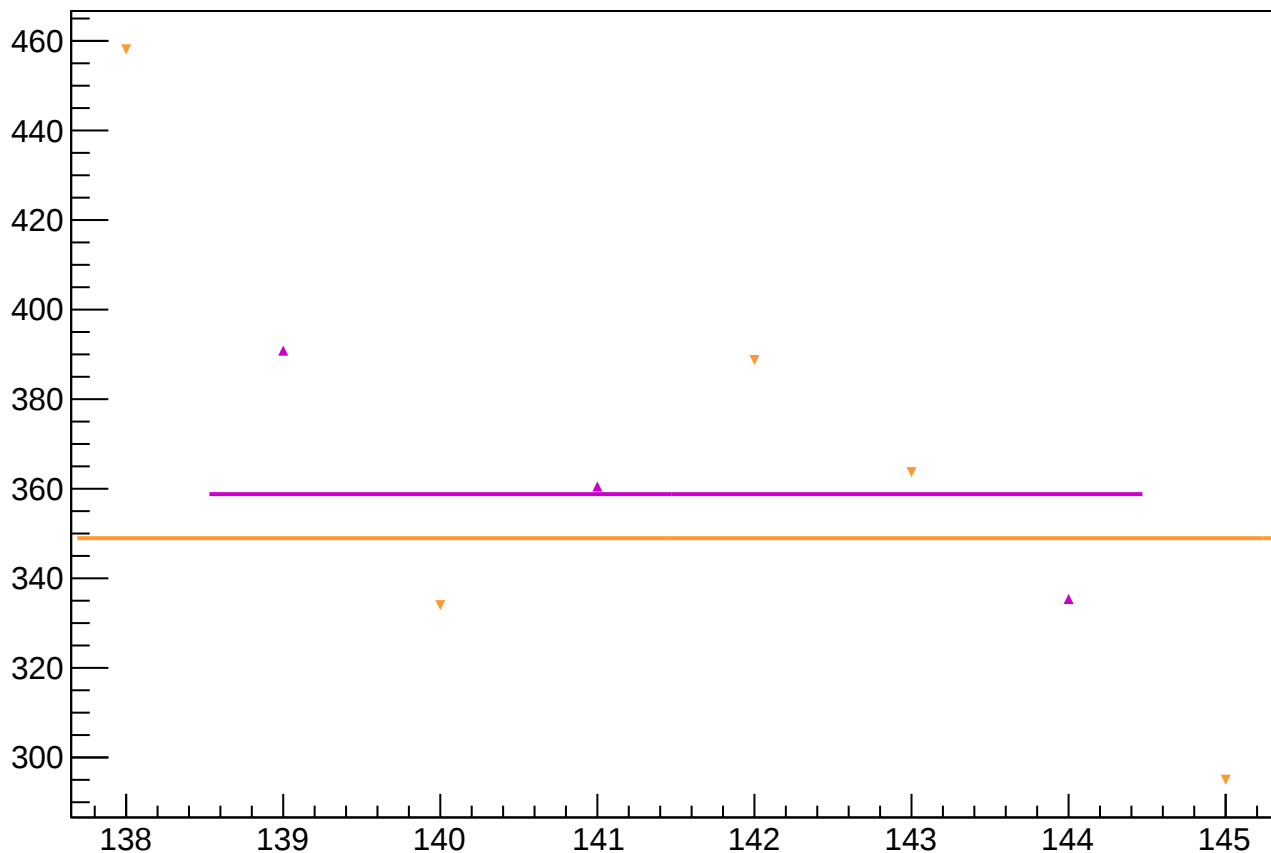
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -513.999 ± 228.704 $\chi^2/\text{NDF}: 1.8/2$

Out: 282.669 ± 188.784 $\chi^2/\text{NDF}: 3.0/4$

All: -40.178 ± 145.591 $\chi^2/\text{NDF}: 12.0/7$

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: 358.800+/-0.162 χ^2/NDF :18794.0/2

Left: 352.945+/-0.103 χ^2/NDF : 169957.1/7

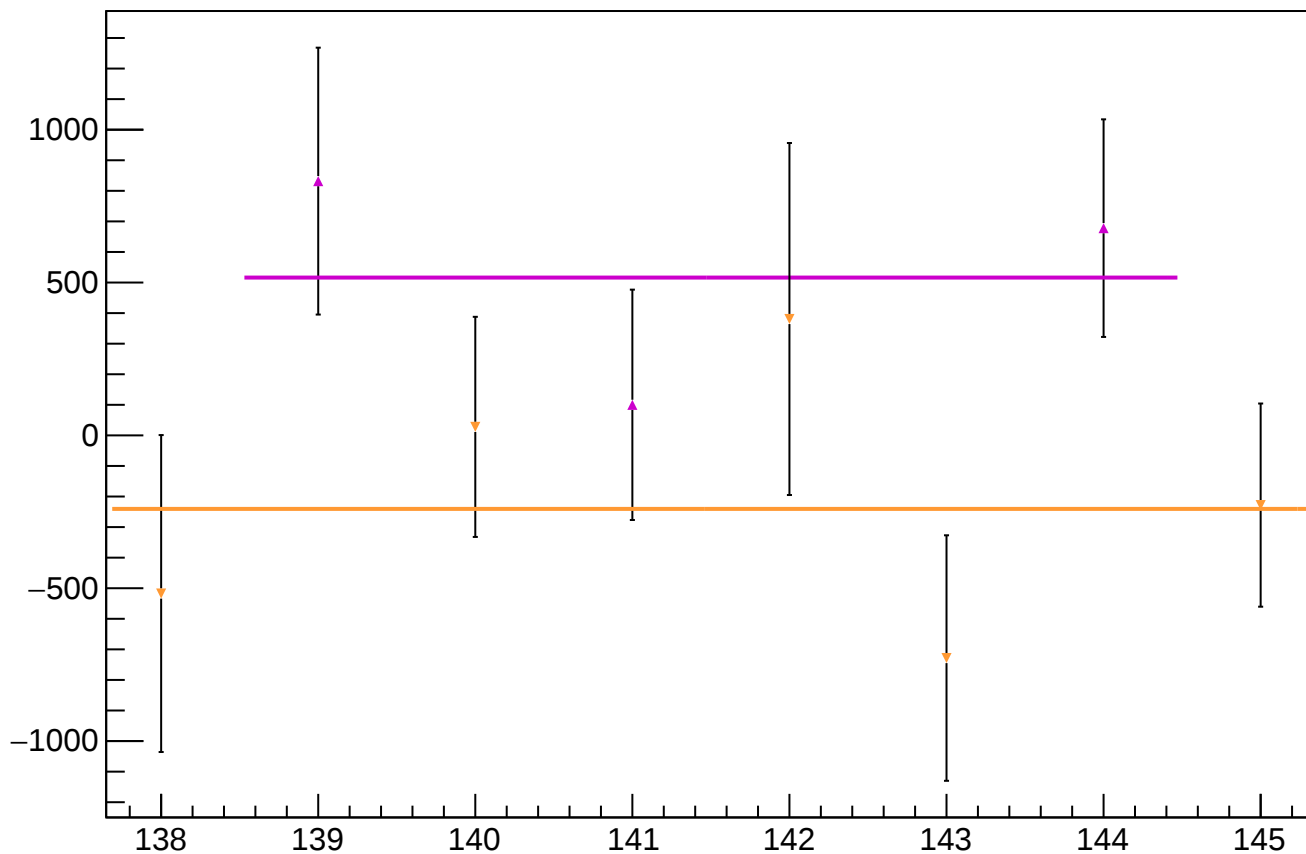
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.800+/-0.162 χ^2/NDF :18794.0/2

Out: 348.956+/-0.133 χ^2/NDF :148959.7/4

All: 352.945+/-0.103 χ^2/NDF : 169957.1/7

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: 516.244+/-222.577 χ^2/NDF : 1.9/2

Left: 65.666+/-141.573 χ^2/NDF : 12.3/7

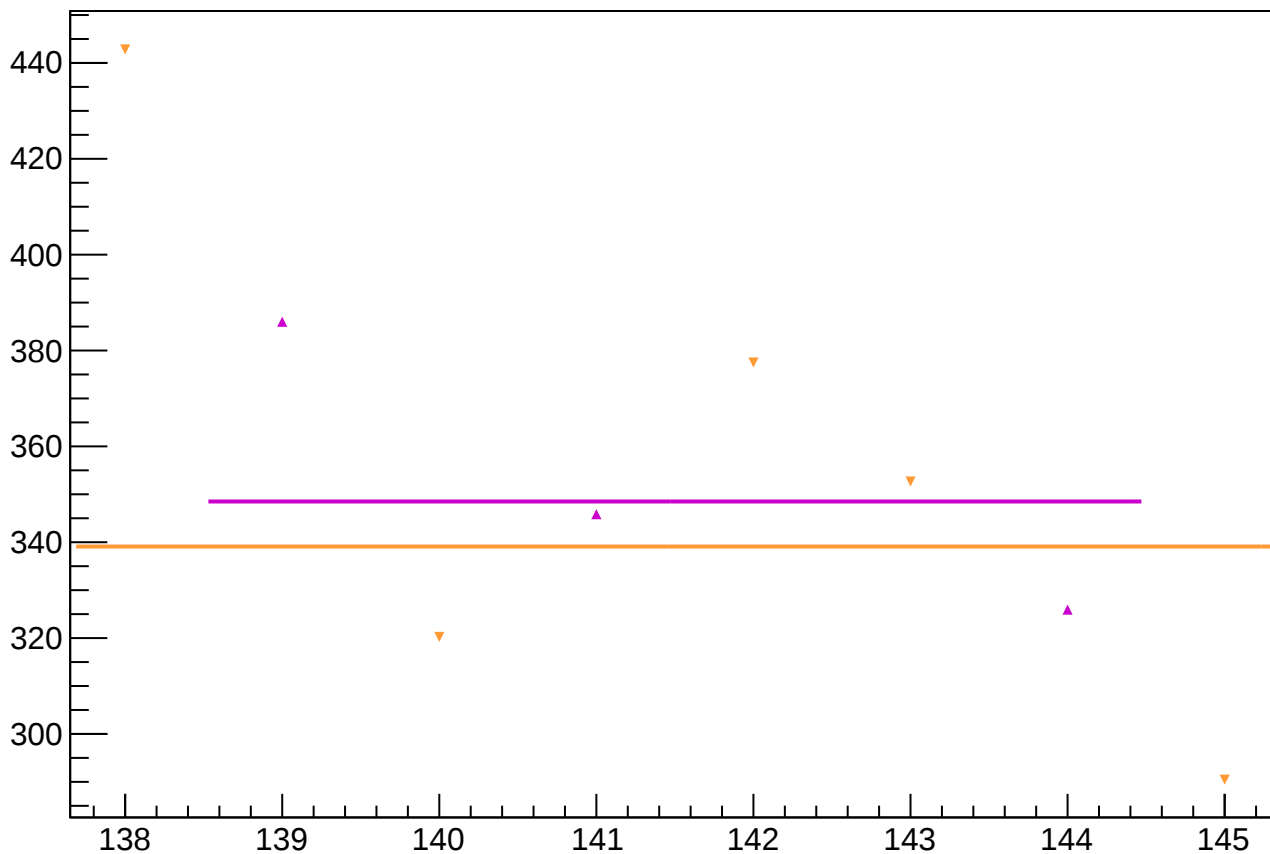
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 516.244+/-222.577 χ^2/NDF : 1.9/2

Out: -240.491+/-183.471 χ^2/NDF : 3.5/4

All: 65.666+/-141.573 χ^2/NDF : 12.3/7

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: 348.501+/-0.157 χ^2/NDF :22891.6/2

Left: 342.903+/-0.100 χ^2/NDF : 164582.4/7

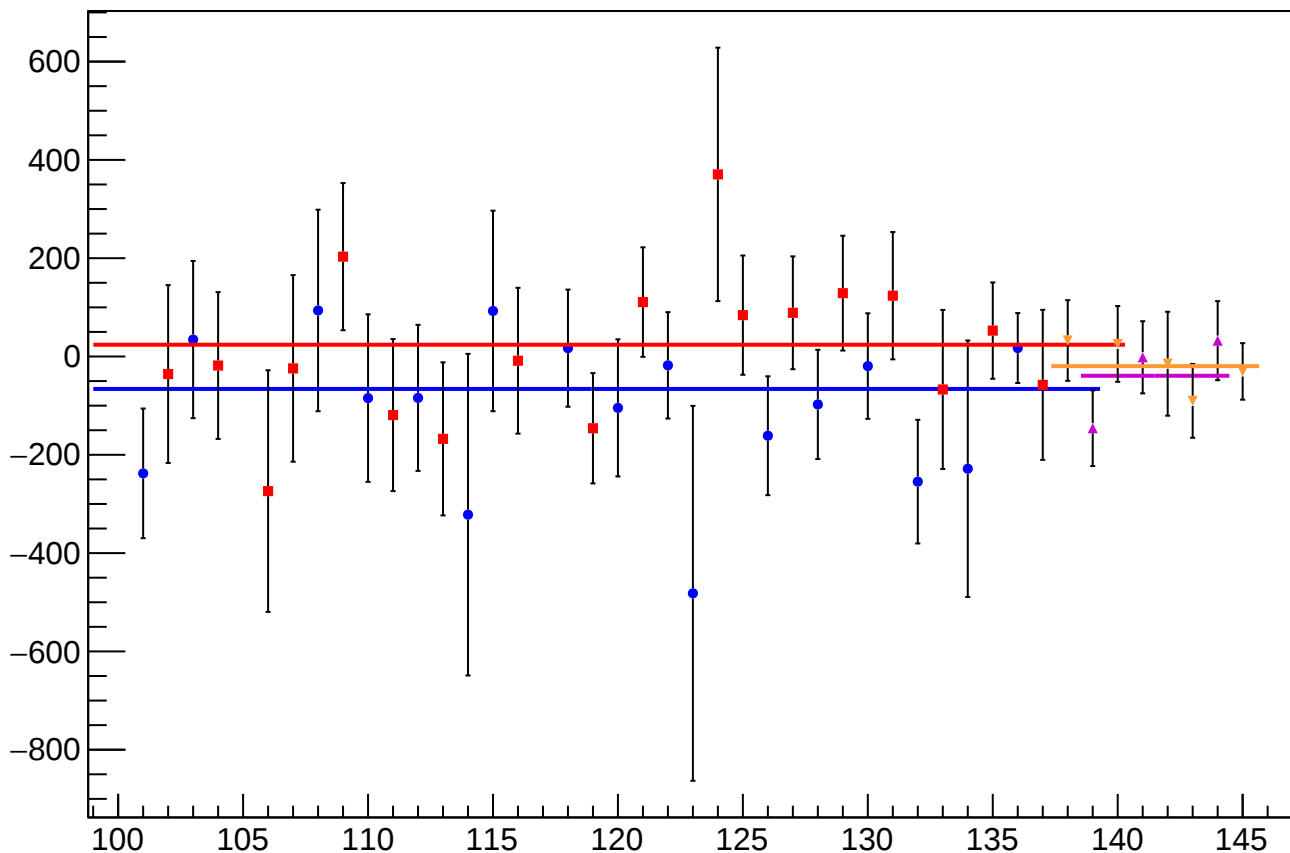
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.501+/-0.157 χ^2/NDF :22891.6/2

Out: 339.100+/-0.130 χ^2/NDF :139566.1/4

All: 342.903+/-0.100 χ^2/NDF : 164582.4/7

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: -39.175 ± 44.325 χ^2/NDF : 3.0/2

Left: -26.731 ± 26.770 χ^2/NDF : 4.8/7

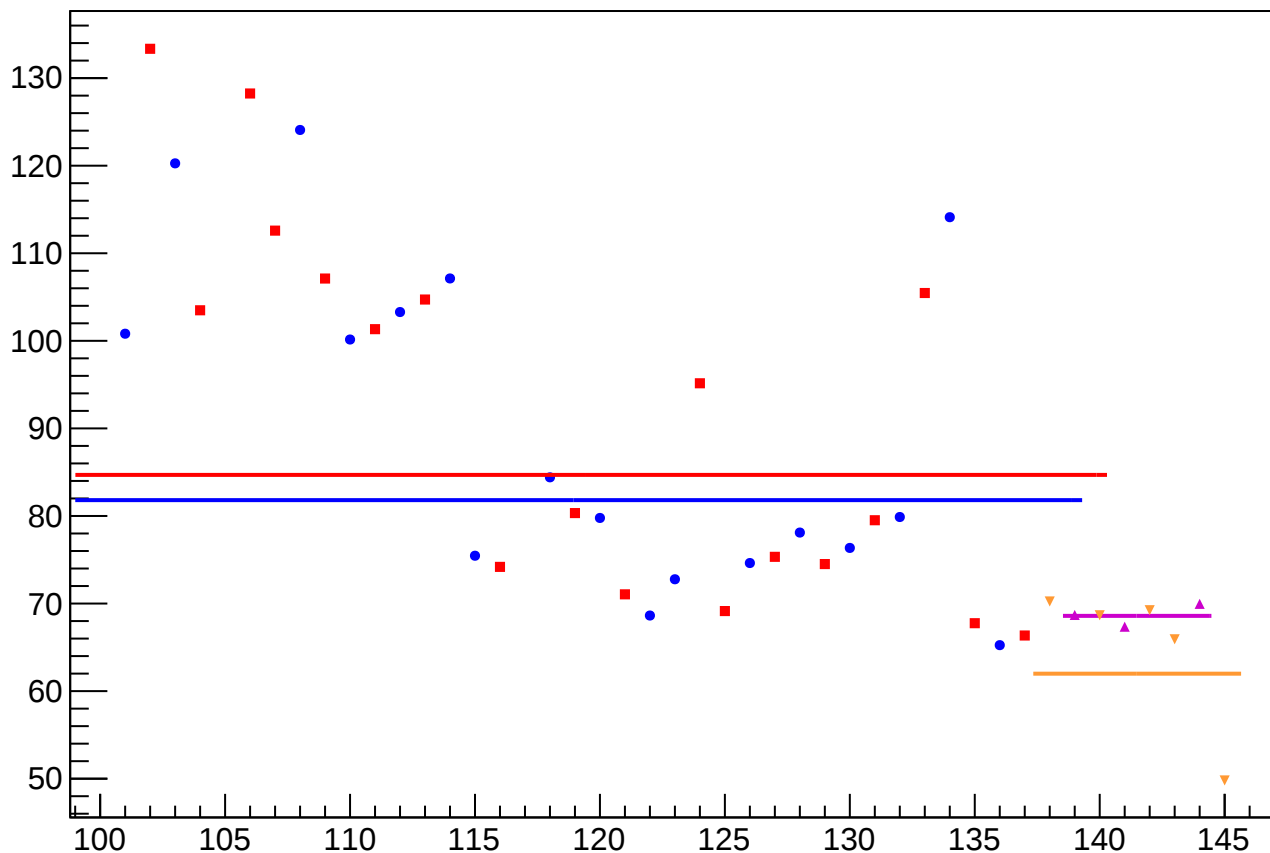
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -56.684 ± 26.099 χ^2/NDF : 14.0/19

Out: 2.720 ± 23.463 χ^2/NDF : 15.5/22

All: -23.831 ± 17.448 χ^2/NDF : 32.3/42

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: 68.593 $\pm$ 0.031 χ^2/NDF : 1155.1/2

Left: 64.399 $\pm$ 0.019 χ^2/NDF : 169419.8/7

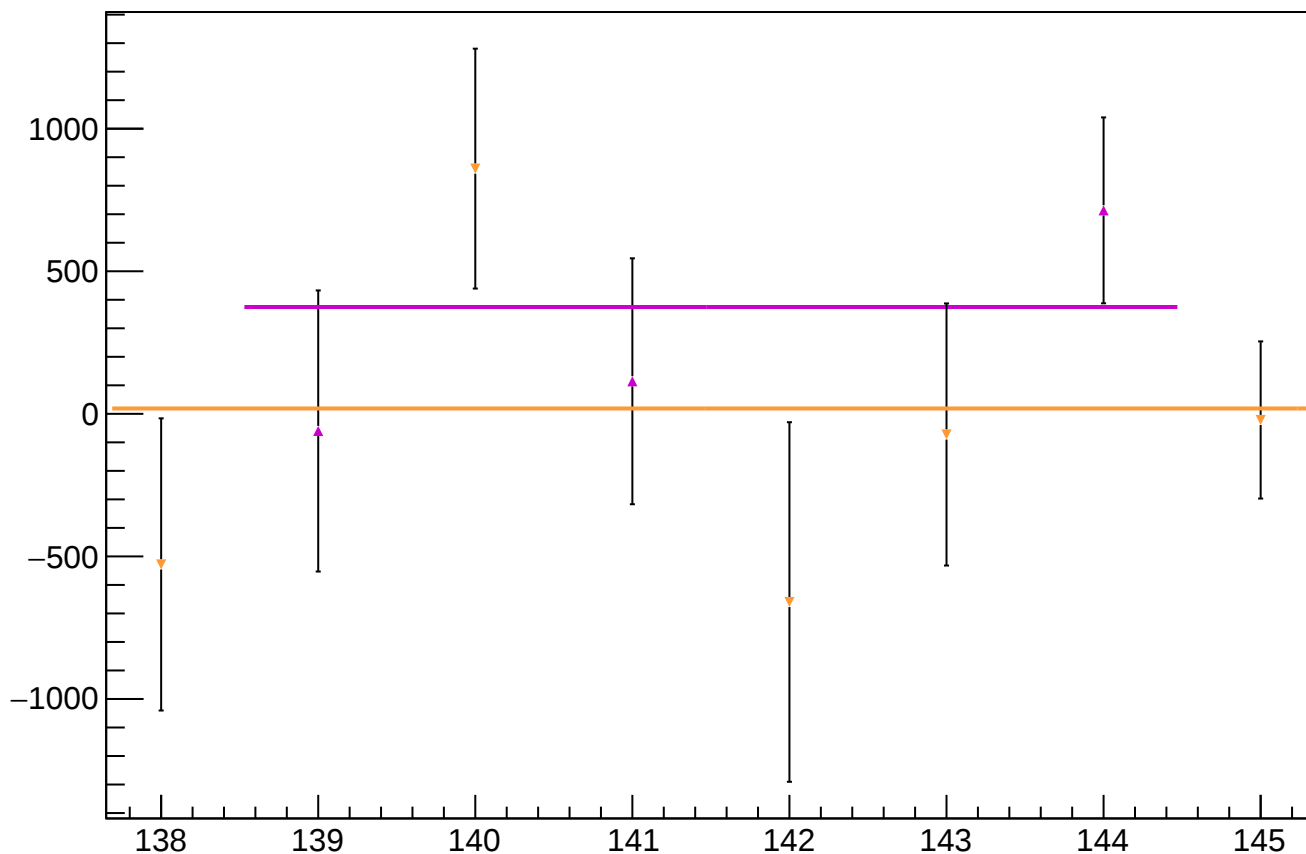
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 77.227 $\pm$ 0.018 χ^2/NDF : 624497.6/19

Out: 73.614 $\pm$ 0.017 χ^2/NDF : 1223726.6/22

All: 75.229 $\pm$ 0.012 χ^2/NDF : 1869423.2/42

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: 374.624+/-229.993 χ^2/NDF : 2.2/2

Left: 156.711+/-143.176 χ^2/NDF : 10.0/7

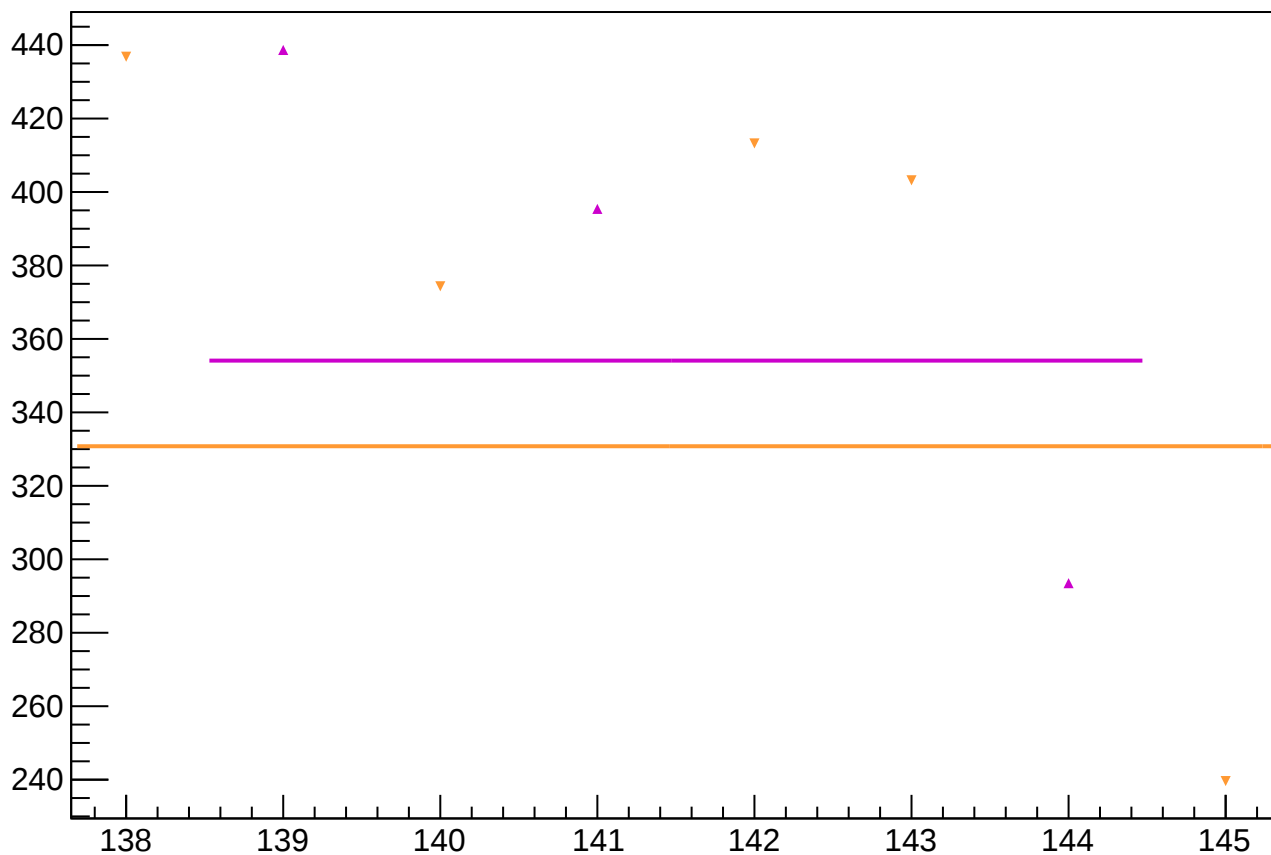
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 374.624+/-229.993 χ^2/NDF : 2.2/2

Out: 18.829+/-182.948 χ^2/NDF : 6.4/4

All: 156.711+/-143.176 χ^2/NDF : 10.0/7

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: 354.096+/-0.163 χ^2/NDF :146351.3/2

Left: 339.816+/-0.101 χ^2/NDF : 568757.4/7

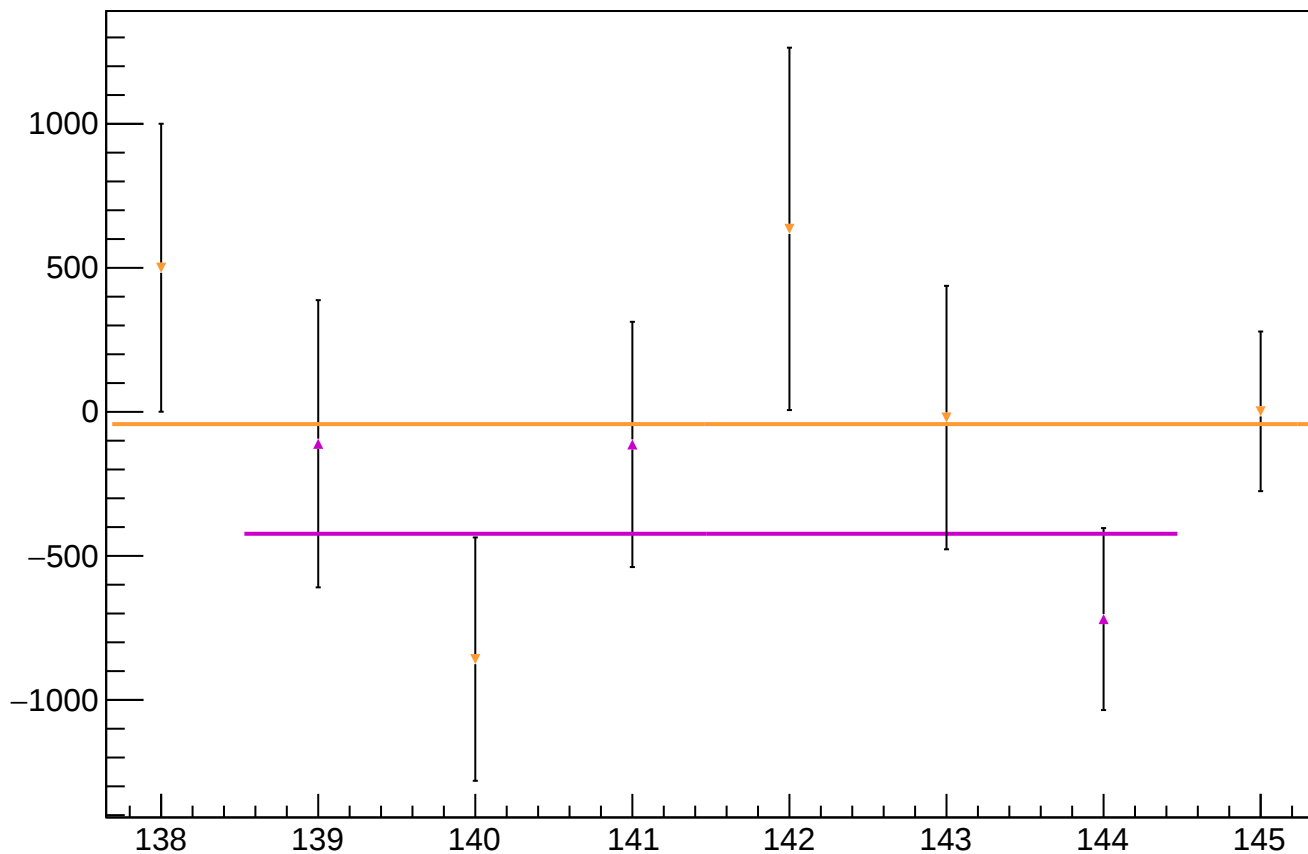
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.096+/-0.163 χ^2/NDF :146351.3/2

Out: 330.781+/-0.129 χ^2/NDF :409817.6/4

All: 339.816+/-0.101 χ^2/NDF : 568757.4/7

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -42.458 ± 182.772 χ^2/NDF : 6.1/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -423.164 ± 226.091 χ^2/NDF : 1.8/2

Left: -192.923 ± 142.137 χ^2/NDF : 9.6/7

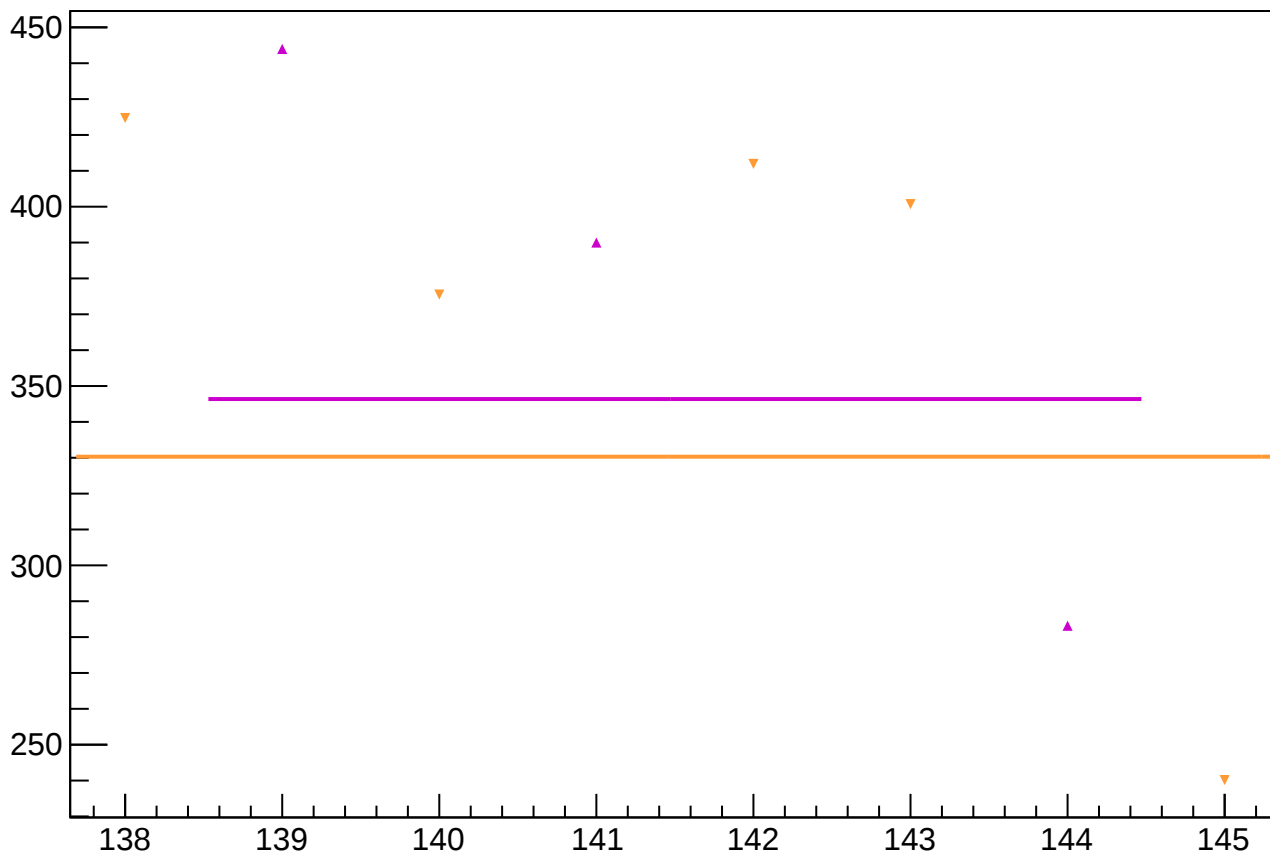
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -423.164 ± 226.091 χ^2/NDF : 1.8/2

Out: -42.458 ± 182.772 χ^2/NDF : 6.1/4

All: -192.923 ± 142.137 χ^2/NDF : 9.6/7

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: 346.369+/-0.160 χ^2/NDF :177766.7/2

Left: 336.650+/-0.101 χ^2/NDF : 570975.8/7

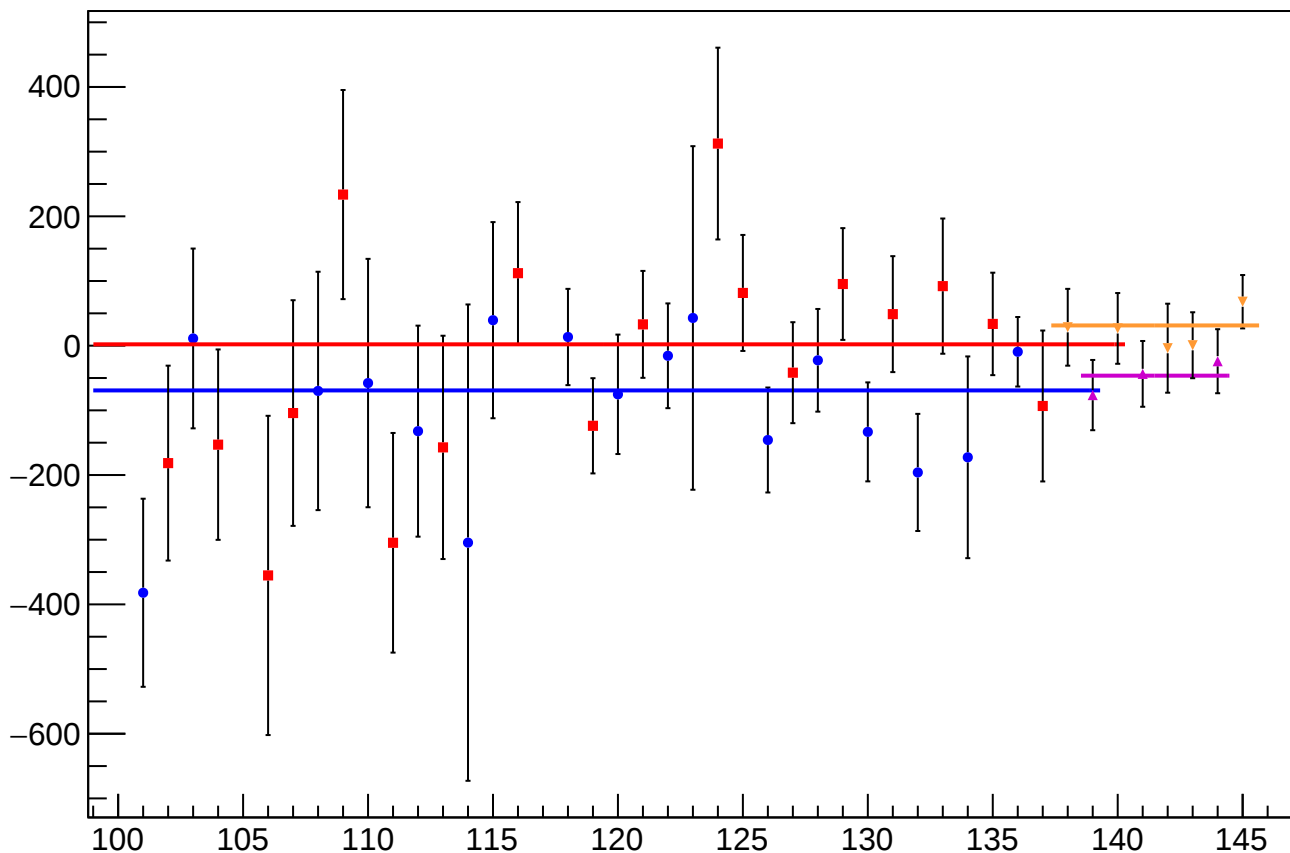
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.369+/-0.160 χ^2/NDF :177766.7/2

Out: 330.298+/-0.129 χ^2/NDF :387097.6/4

All: 336.650+/-0.101 χ^2/NDF : 570975.8/7

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 $\pm$ 24.260 χ^2/NDF : 13.5/16

Left Out: 31.296 $\pm$ 23.561 χ^2/NDF :1.4/4

Right Out: 2.082 $\pm$ 25.187 χ^2/NDF : 23.8/17

Left In: -46.366 $\pm$ 29.697 χ^2/NDF :0.5/2

Left: 1.295 $\pm$ 18.458 χ^2/NDF : 6.1/7

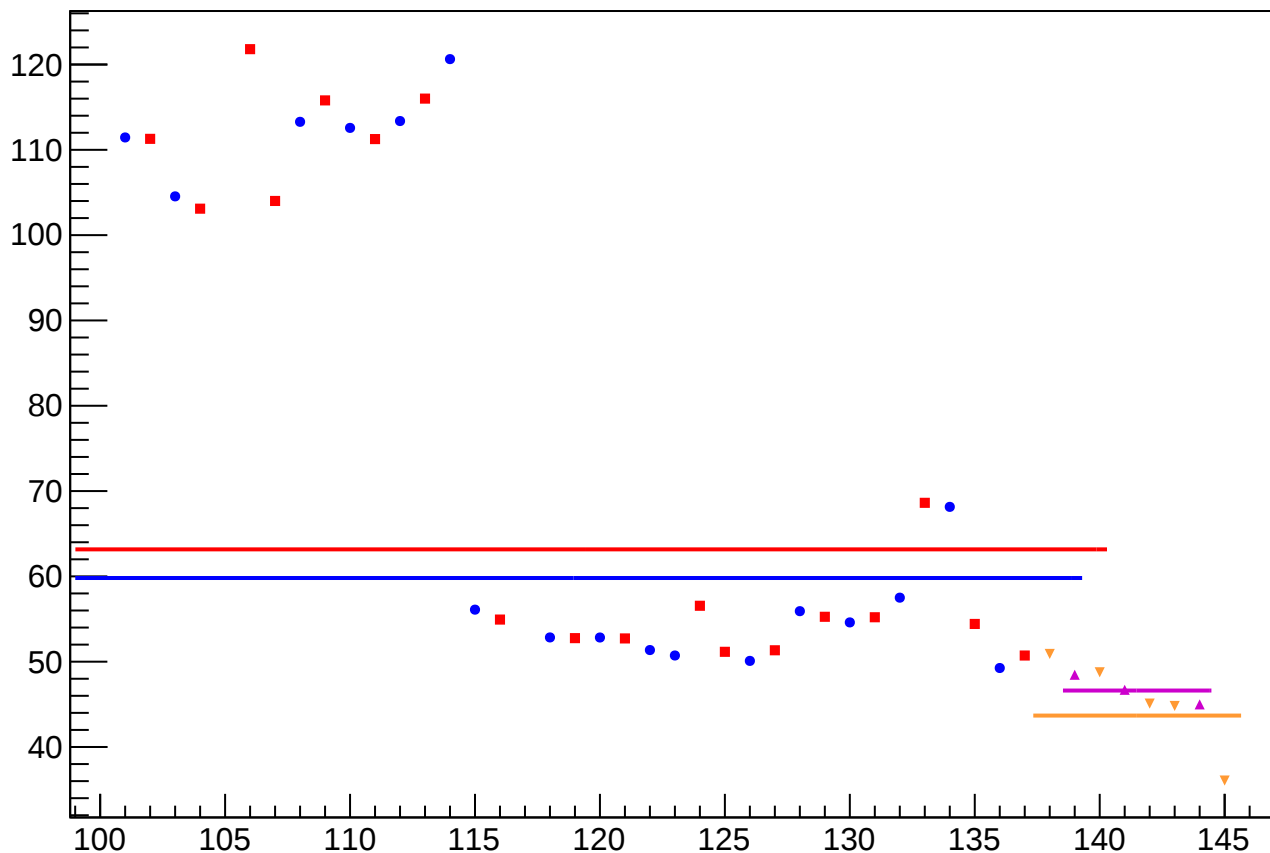
Right: -34.889 $\pm$ 17.473 χ^2/NDF : 41.4/34

In: -60.054 $\pm$ 18.788 χ^2/NDF :14.3/19

Out: 17.662 $\pm$ 17.206 χ^2/NDF :25.9/22

All: -17.787 $\pm$ 12.689 χ^2/NDF : 49.6/42

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 43.683+/-0.017 χ^2/NDF : 116808.5/4

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 46.618+/-0.021 χ^2/NDF : 4480.6/2

Left: 44.817+/-0.013 χ^2/NDF : 133276.0/7

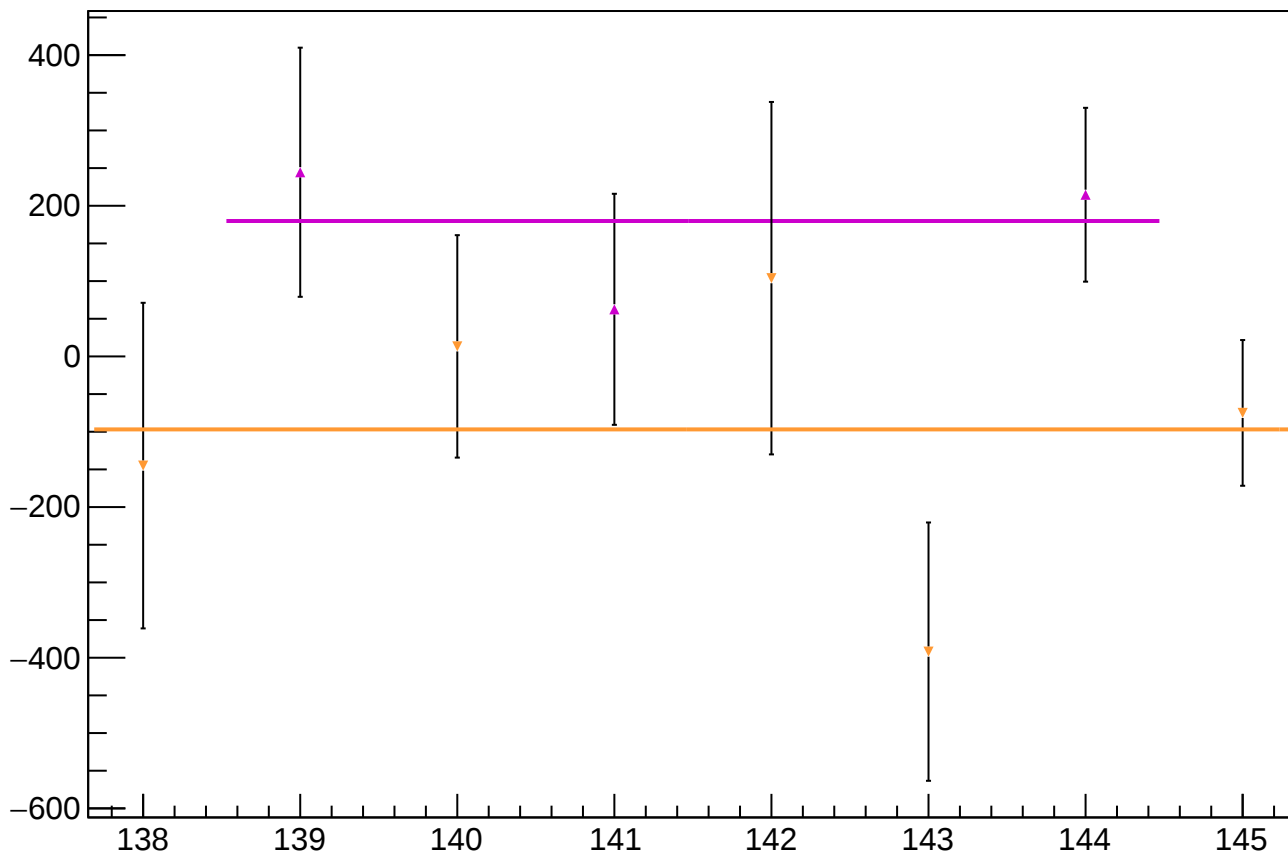
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 54.529+/-0.013 χ^2/NDF : 1471119.6/19

Out: 52.775+/-0.012 χ^2/NDF : 2142302.4/22

All: 53.575+/-0.009 χ^2/NDF : 3622899.5/42

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -96.885+/-66.455 χ^2/NDF : 4.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 179.780+/-80.533 χ^2/NDF : 0.8/2

Left: 15.189+/-51.257 χ^2/NDF : 12.2/7

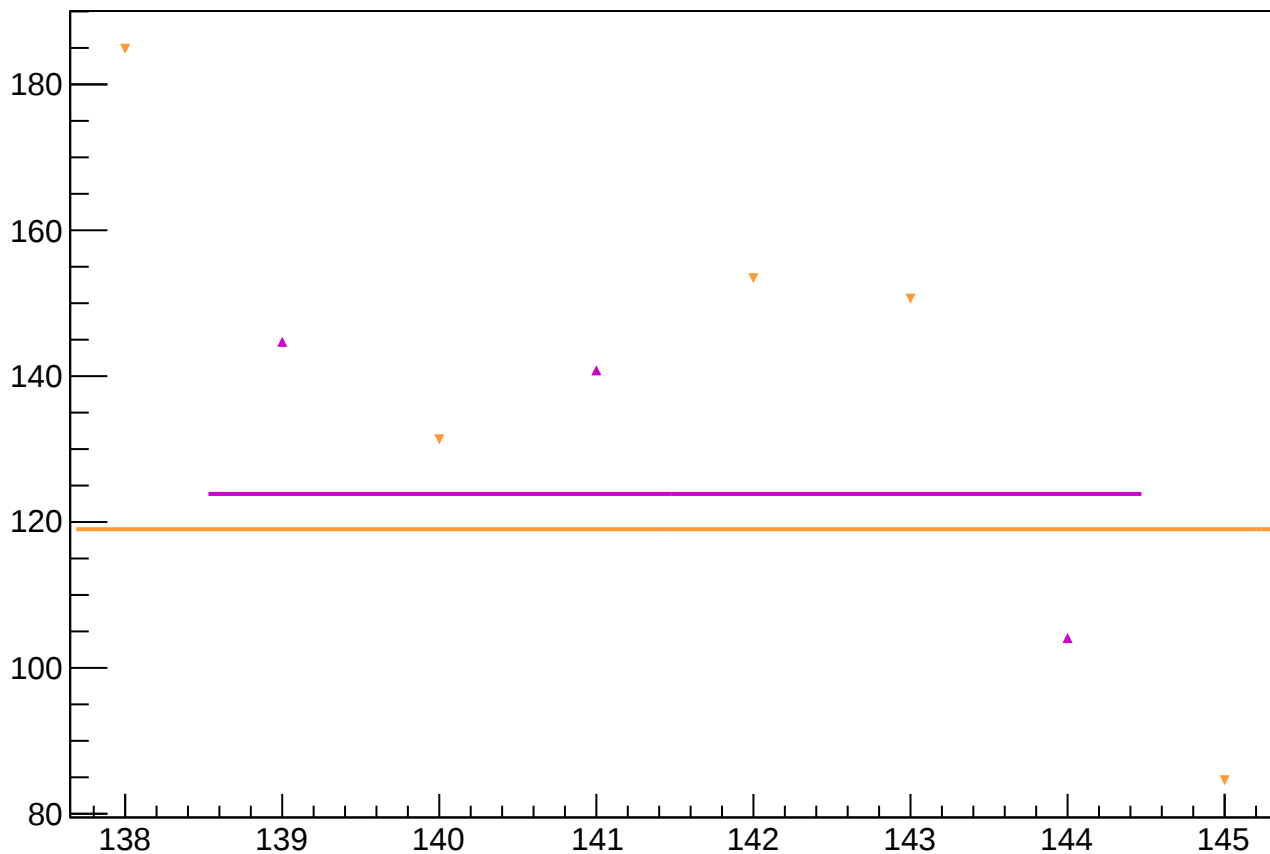
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 179.780+/-80.533 χ^2/NDF : 0.8/2

Out: -96.885+/-66.455 χ^2/NDF : 4.4/4

All: 15.189+/-51.257 χ^2/NDF : 12.2/7

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: 123.852+/-0.057 χ^2/NDF :114856.6/2

Left: 120.972+/-0.036 χ^2/NDF : 683344.7/7

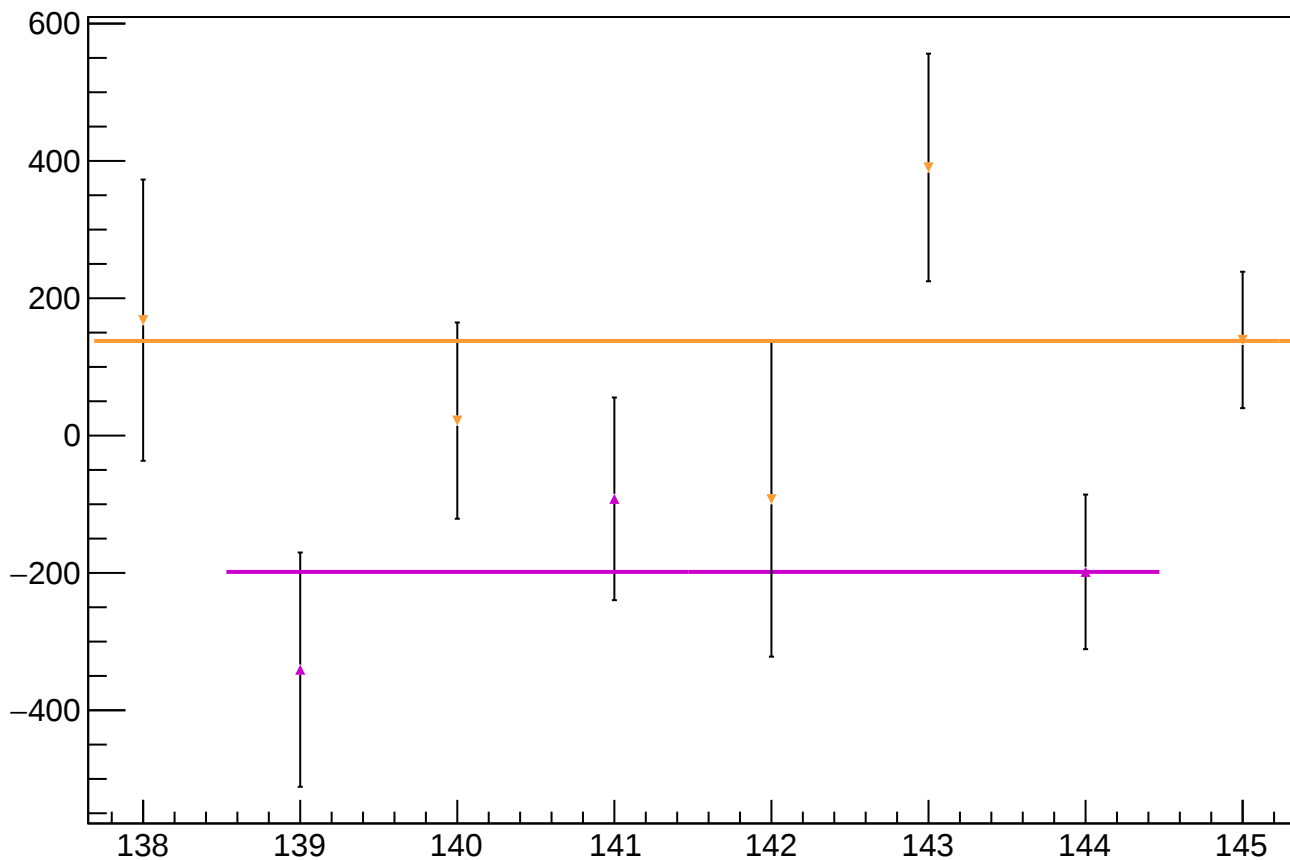
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.852+/-0.057 χ^2/NDF :114856.6/2

Out: 119.011+/-0.047 χ^2/NDF :564189.3/4

All: 120.972+/-0.036 χ^2/NDF : 683344.7/7

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: -198.523+/-79.254 χ^2/NDF : 1.2/2

Left: 0.113+/-50.714 χ^2/NDF : 15.9/7

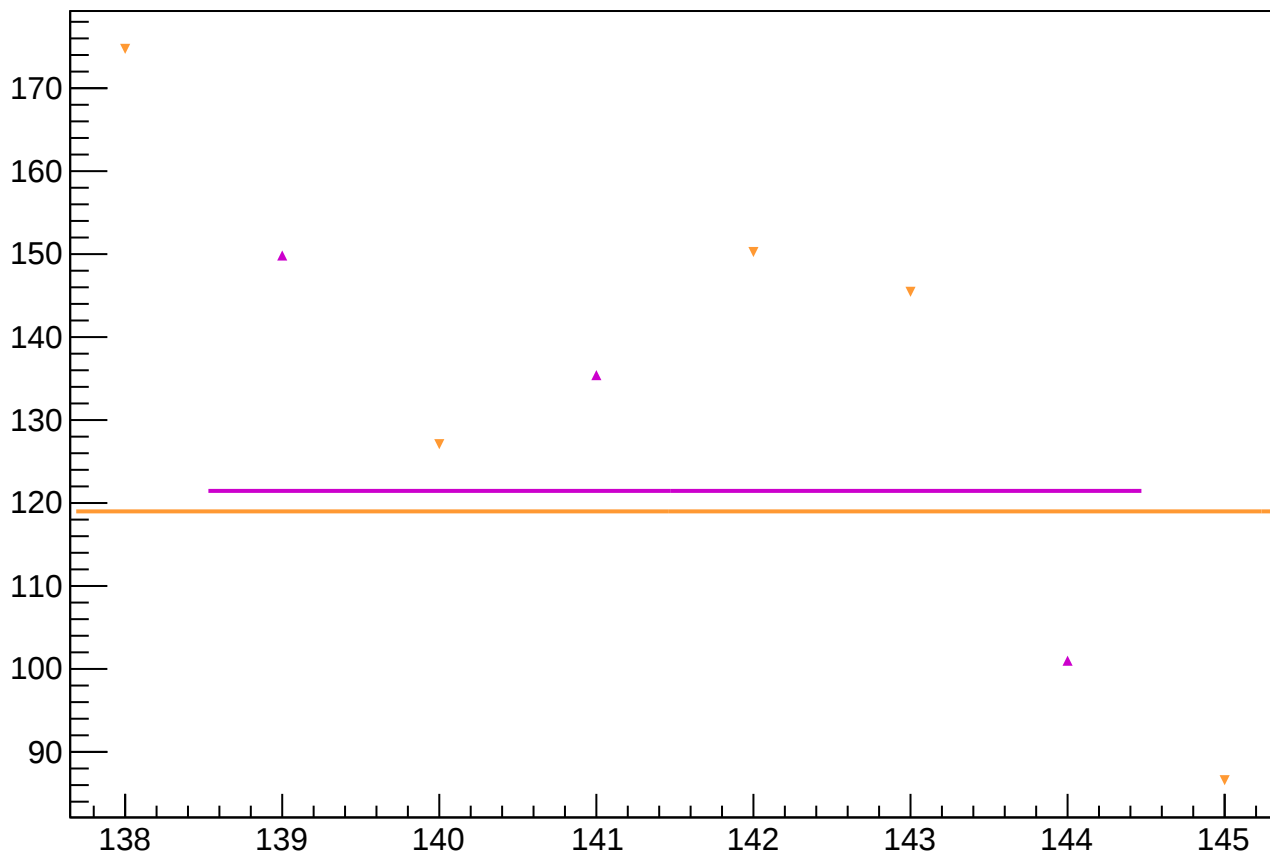
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.523+/-79.254 χ^2/NDF : 1.2/2

Out: 137.837+/-65.993 χ^2/NDF : 4.0/4

All: 0.113+/-50.714 χ^2/NDF : 15.9/7

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: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Left: 120.002+/-0.036 χ^2/NDF : 596176.4/7

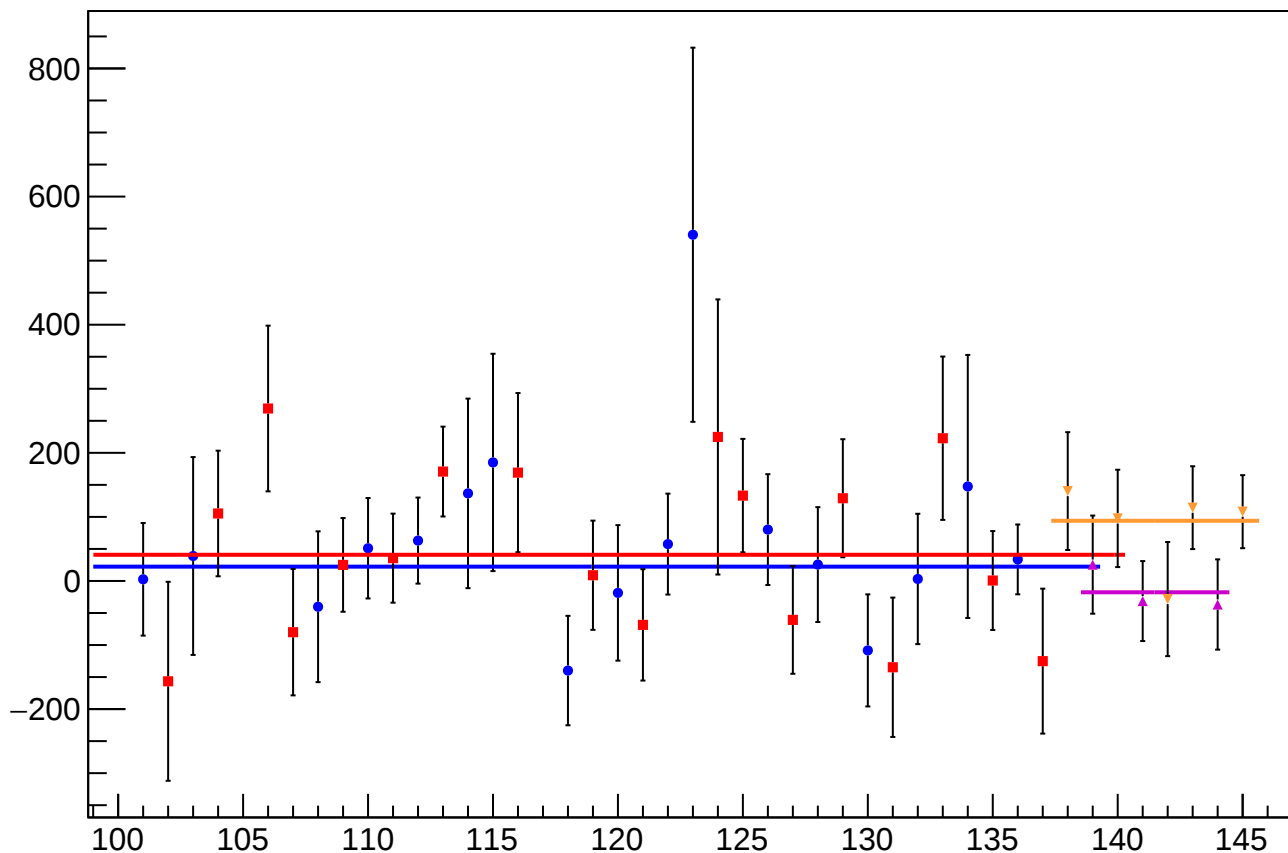
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Out: 118.991+/-0.047 χ^2/NDF : 455694.8/4

All: 120.002+/-0.036 χ^2/NDF : 596176.4/7

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: -17.669 $\pm$ 39.888 χ^2 /NDF:0.4/2

Left: 49.910 $\pm$ 25.054 χ^2 /NDF: 7.5/7

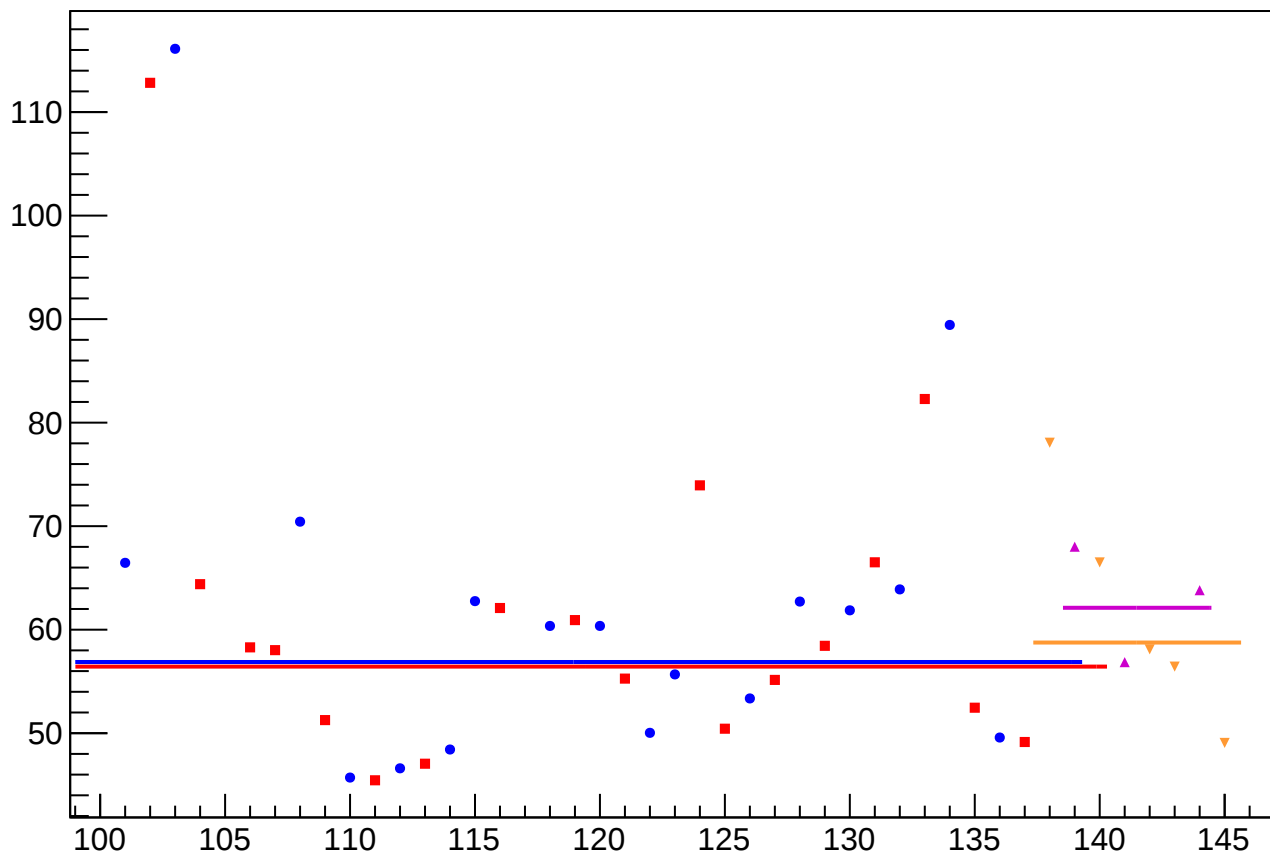
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 12.617 $\pm$ 19.679 χ^2 /NDF:13.8/19

Out: 57.902 $\pm$ 18.241 χ^2 /NDF:28.4/22

All: 36.975 $\pm$ 13.378 χ^2 /NDF: 45.0/42

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: 62.115 $\pm$ 0.028 χ^2 /NDF:27187.0/2

Left: 60.083 $\pm$ 0.018 χ^2 /NDF: 205207.7/7

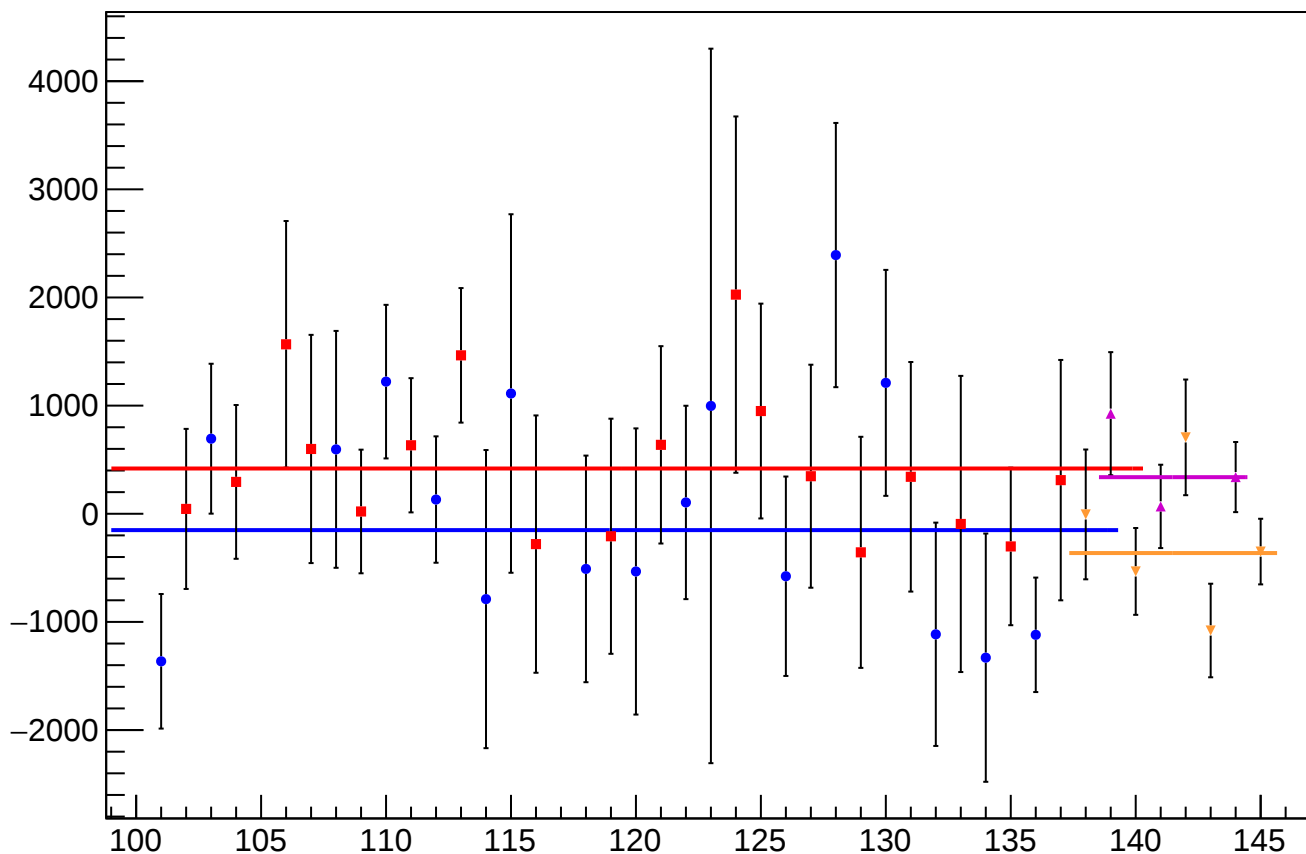
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 58.153 $\pm$ 0.014 χ^2 /NDF:628753.4/19

Out: 57.180 $\pm$ 0.013 χ^2 /NDF:696981.0/22

All: 57.630 $\pm$ 0.009 χ^2 /NDF: 1328365.5/42

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -363.218+/-186.713 χ^2/NDF : 7.3/4

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 338.445+/-227.413 χ^2/NDF : 1.6/2

Left: -80.687+/-144.306 χ^2/NDF : 14.5/7

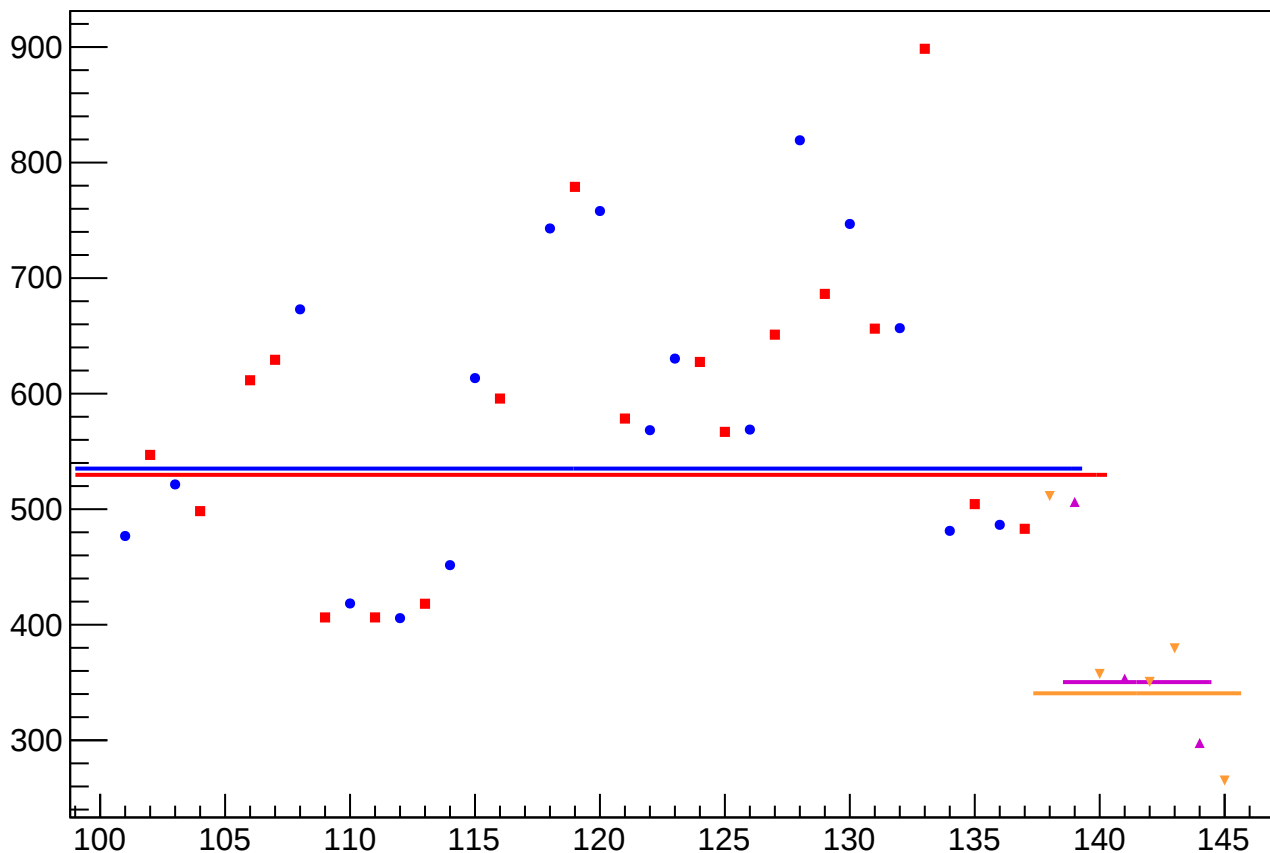
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 76.986+/-155.245 χ^2/NDF : 26.5/19

Out: -8.866+/-138.058 χ^2/NDF : 23.6/22

All: 29.046+/-103.165 χ^2/NDF : 50.3/42

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 340.647 $\pm$ 0.132 χ^2 /NDF: 306135.6/4

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 350.338 $\pm$ 0.161 χ^2 /NDF: 203070.6/2

Left: 344.549 $\pm$ 0.102 χ^2 /NDF: 511376.0/7

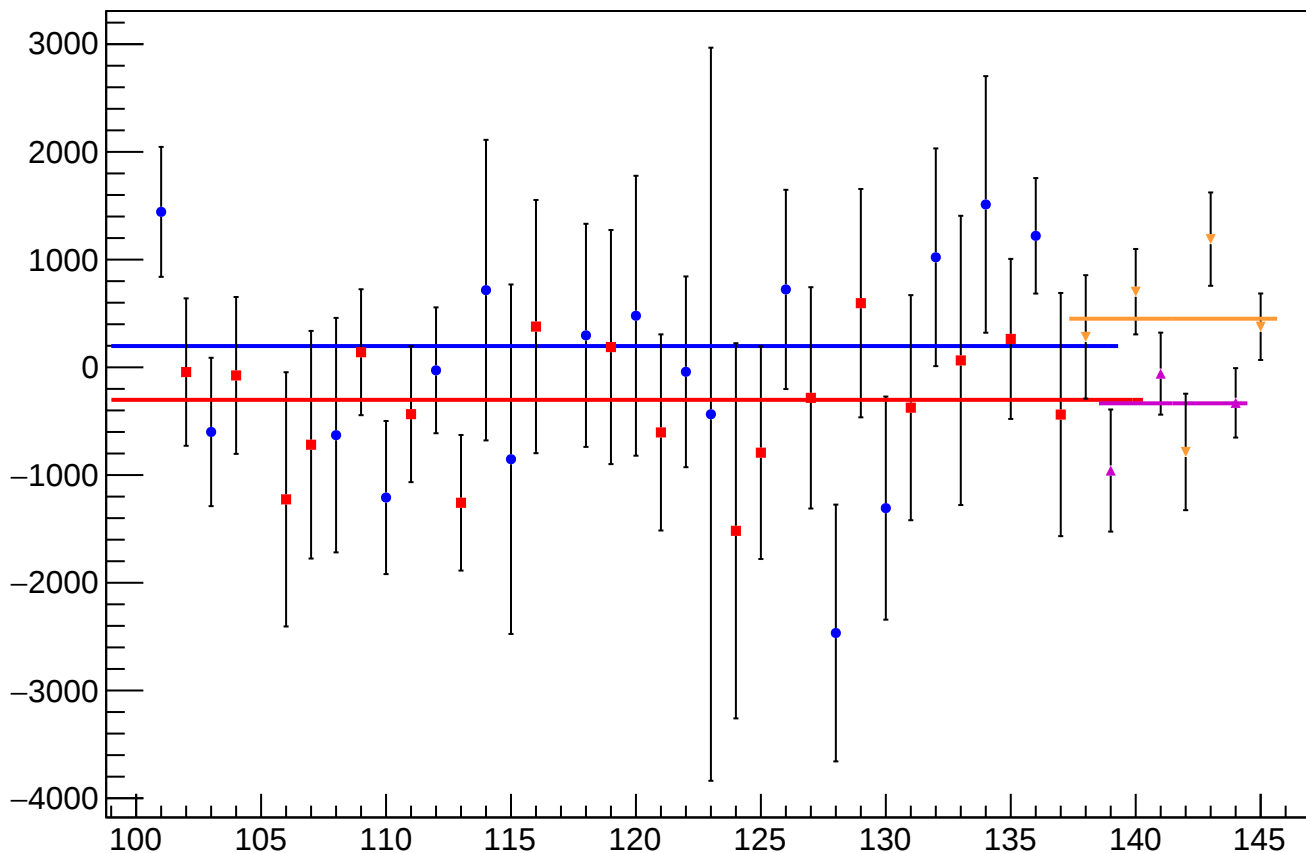
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 449.018 $\pm$ 0.110 χ^2 /NDF: 1504377.9/19

Out: 426.347 $\pm$ 0.098 χ^2 /NDF: 1882462.1/22

All: 436.359 $\pm$ 0.073 χ^2 /NDF: 3410656.1/42

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: -334.054 $\pm$ 225.609 χ^2 /NDF:1.7/2

Left: 131.927 $\pm$ 143.887 χ^2 /NDF: 17.6/7

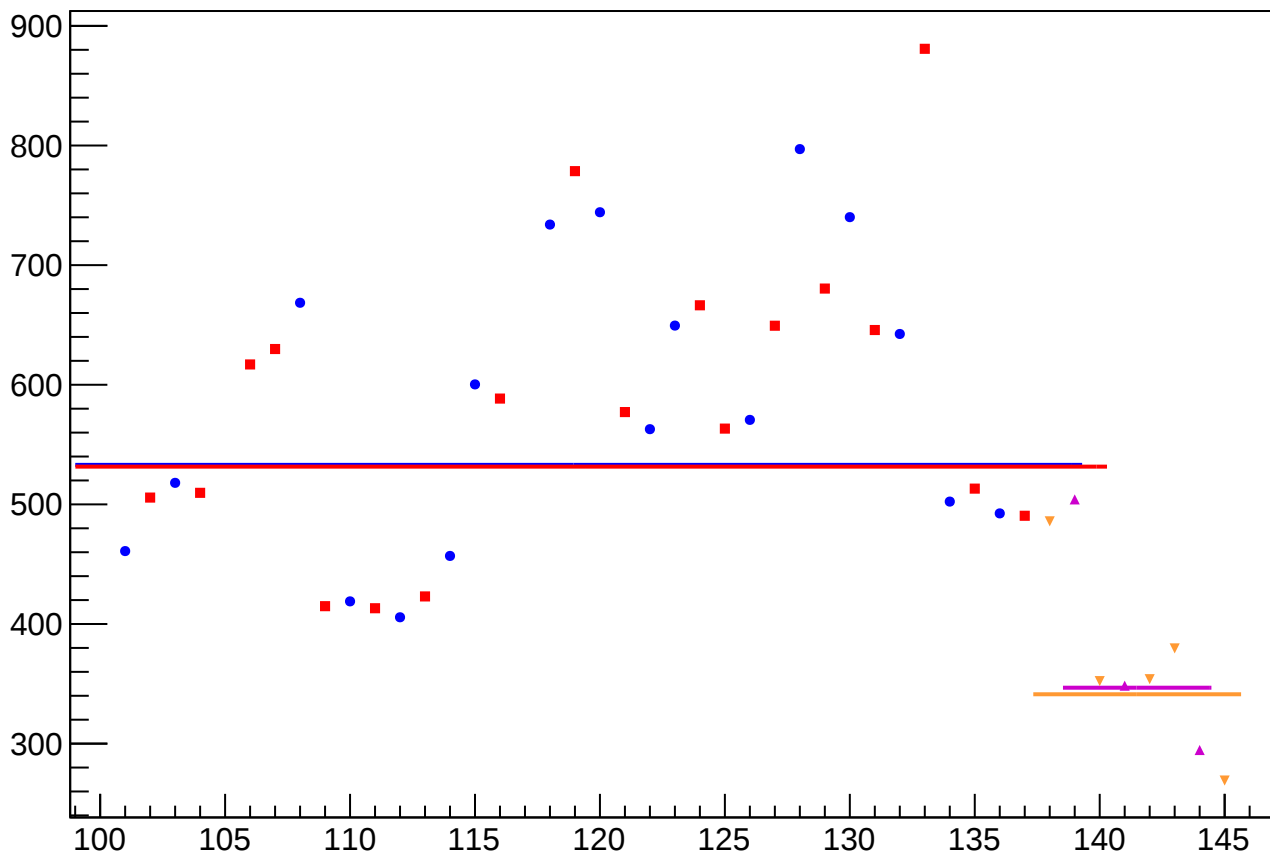
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -51.080 $\pm$ 154.292 χ^2 /NDF:28.6/19

Out: 110.948 $\pm$ 138.293 χ^2 /NDF:22.7/22

All: 38.768 $\pm$ 102.981 χ^2 /NDF: 52.0/42

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 341.263 $\pm$ 0.132 χ^2 /NDF:254780.1/4

Right Out: 531.559 $\pm$ 0.145 χ^2 /NDF: 597920.9/17

Left In: 346.746 $\pm$ 0.160 χ^2 /NDF:206588.4/2

Left: 343.493 $\pm$ 0.102 χ^2 /NDF: 462069.5/7

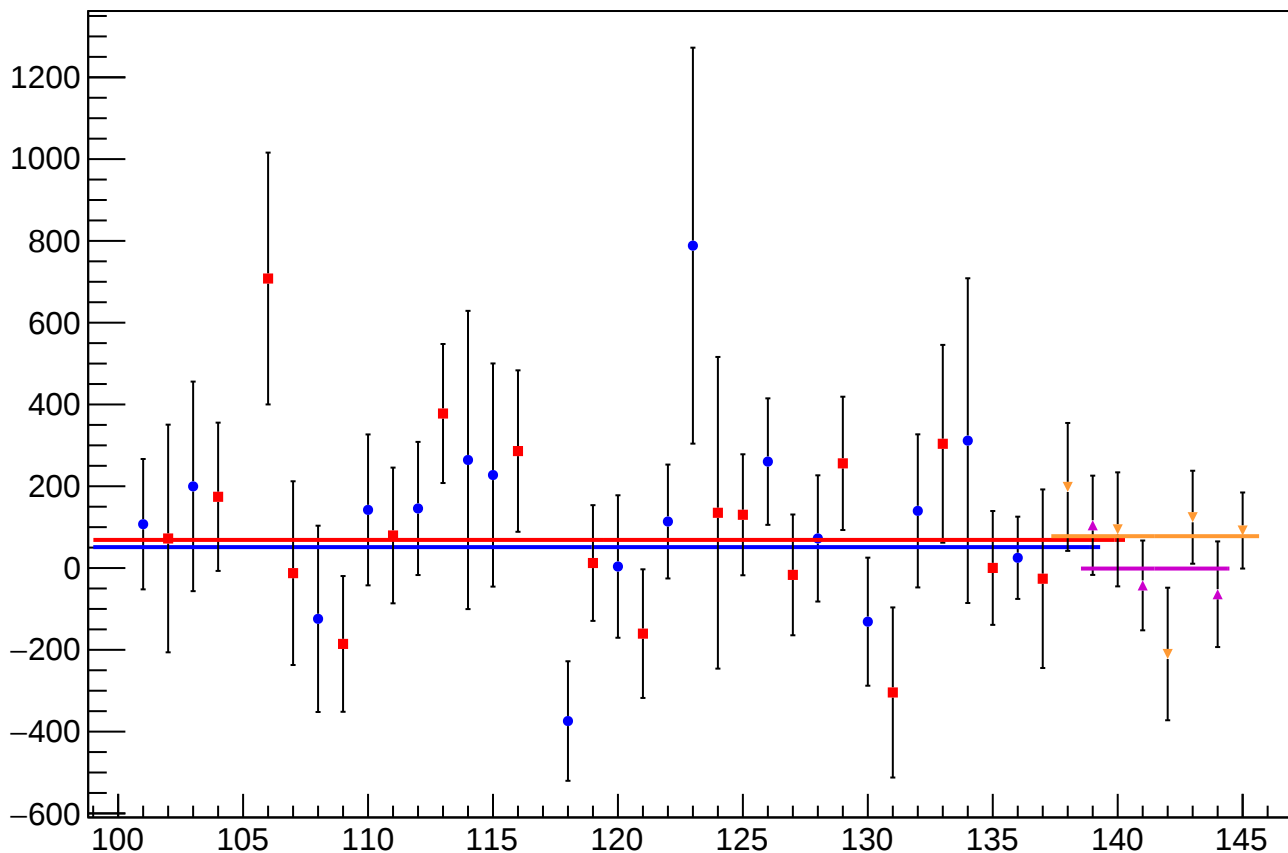
Right: 532.275 $\pm$ 0.104 χ^2 /NDF: 1164821.8/34

In: 445.904 $\pm$ 0.109 χ^2 /NDF:1499252.1/19

Out: 427.275 $\pm$ 0.098 χ^2 /NDF:1790717.9/22

All: 435.574 $\pm$ 0.073 χ^2 /NDF: 3306137.2/42

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: -1.264 $\pm$ 68.874 χ^2 /NDF: 1.1/2

Left: 46.668 $\pm$ 43.268 χ^2 /NDF: 5.9/7

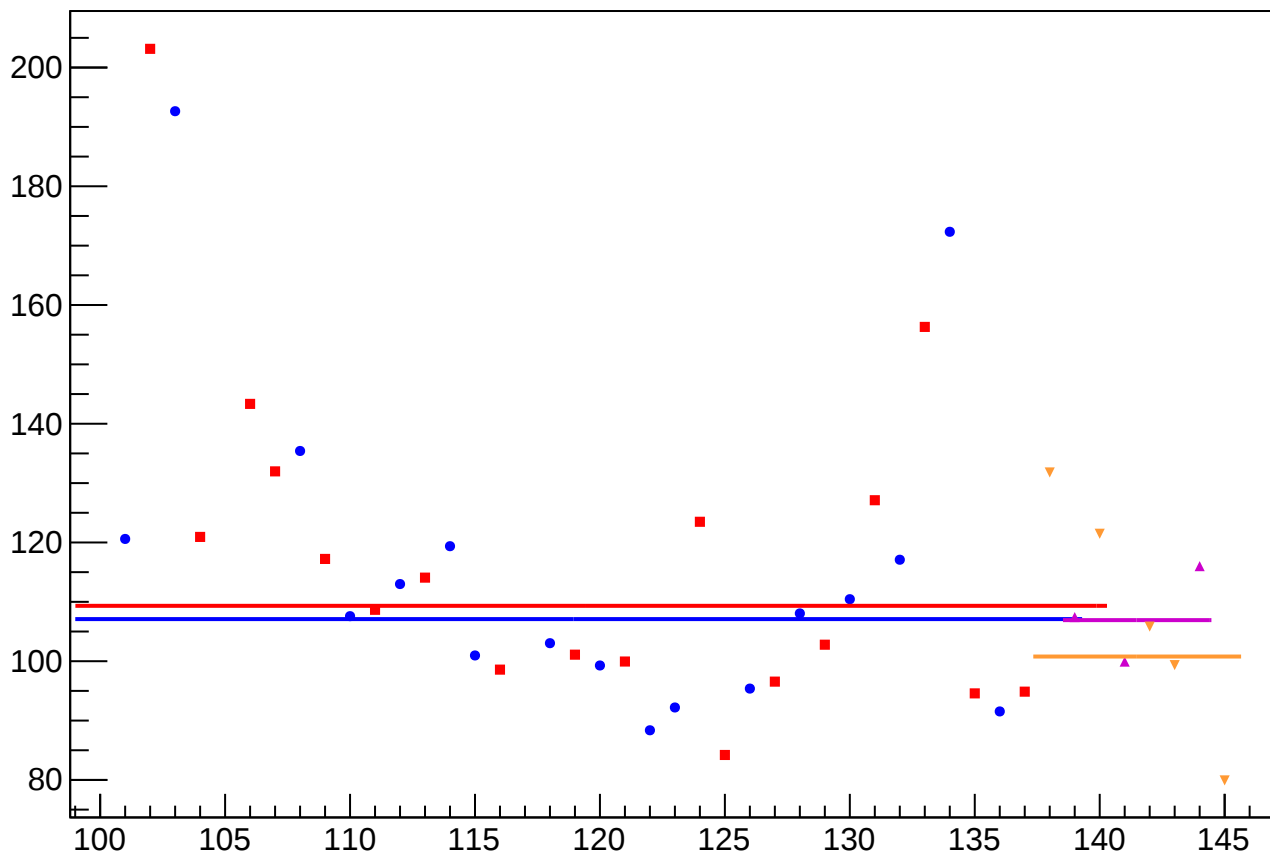
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 36.749 $\pm$ 36.116 χ^2 /NDF: 18.9/19

Out: 72.178 $\pm$ 33.919 χ^2 /NDF: 24.4/22

All: 55.574 $\pm$ 24.725 χ^2 /NDF: 43.8/42

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2/NDF : 437755.4/16

Left Out: 100.788 $\pm$ 0.039 χ^2/NDF :225521.8/4

Right Out: 109.329 $\pm$ 0.030 χ^2/NDF : 506023.6/17

Left In: 106.920 $\pm$ 0.049 χ^2/NDF :18045.9/2

Left: 103.208 $\pm$ 0.031 χ^2/NDF : 253166.0/7

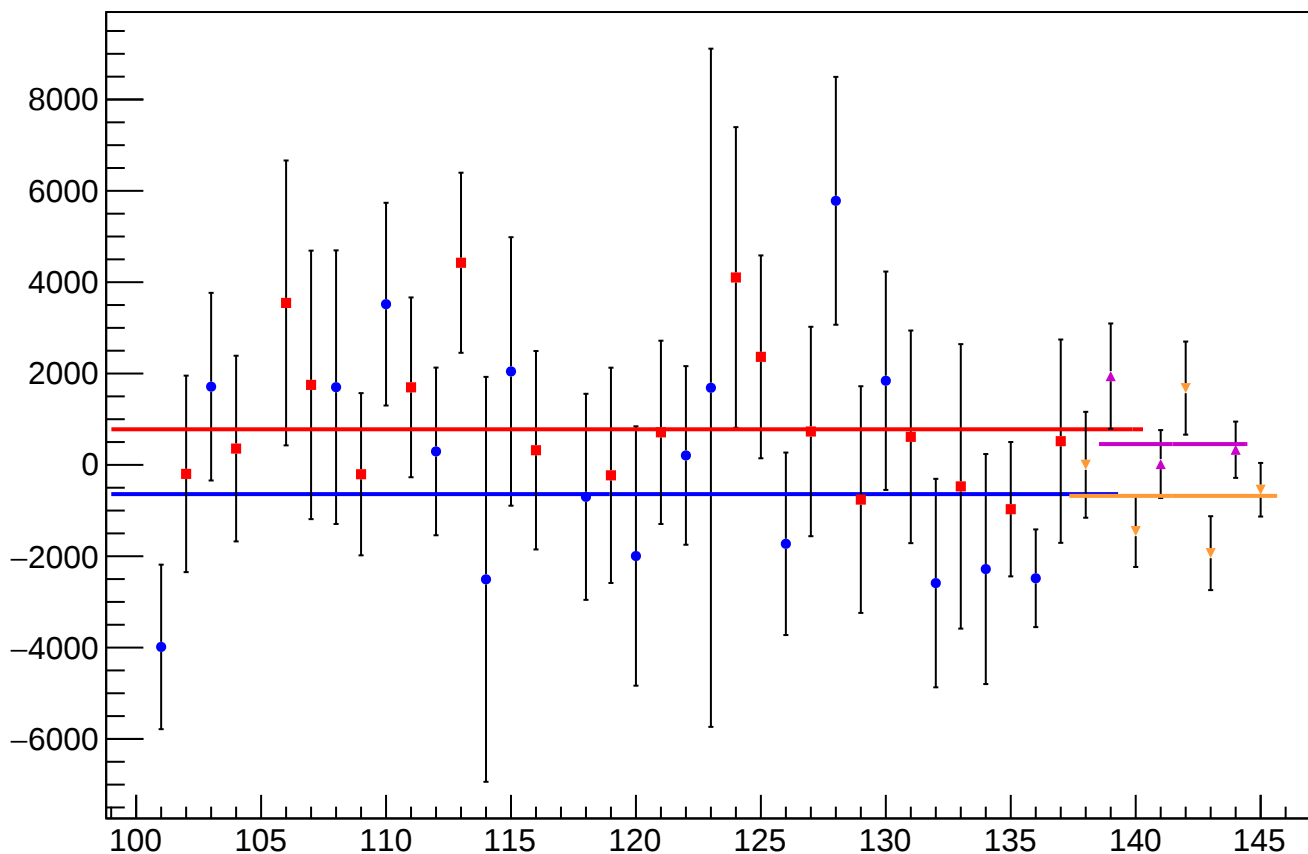
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 107.046 $\pm$ 0.026 χ^2/NDF :455810.5/19

Out: 106.151 $\pm$ 0.024 χ^2/NDF :761175.6/22

All: 106.571 $\pm$ 0.017 χ^2/NDF : 1217638.0/42

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: 455.935+/-438.634 χ^2/NDF : 2.1/2

Left: -223.200+/-277.842 χ^2/NDF : 15.2/7

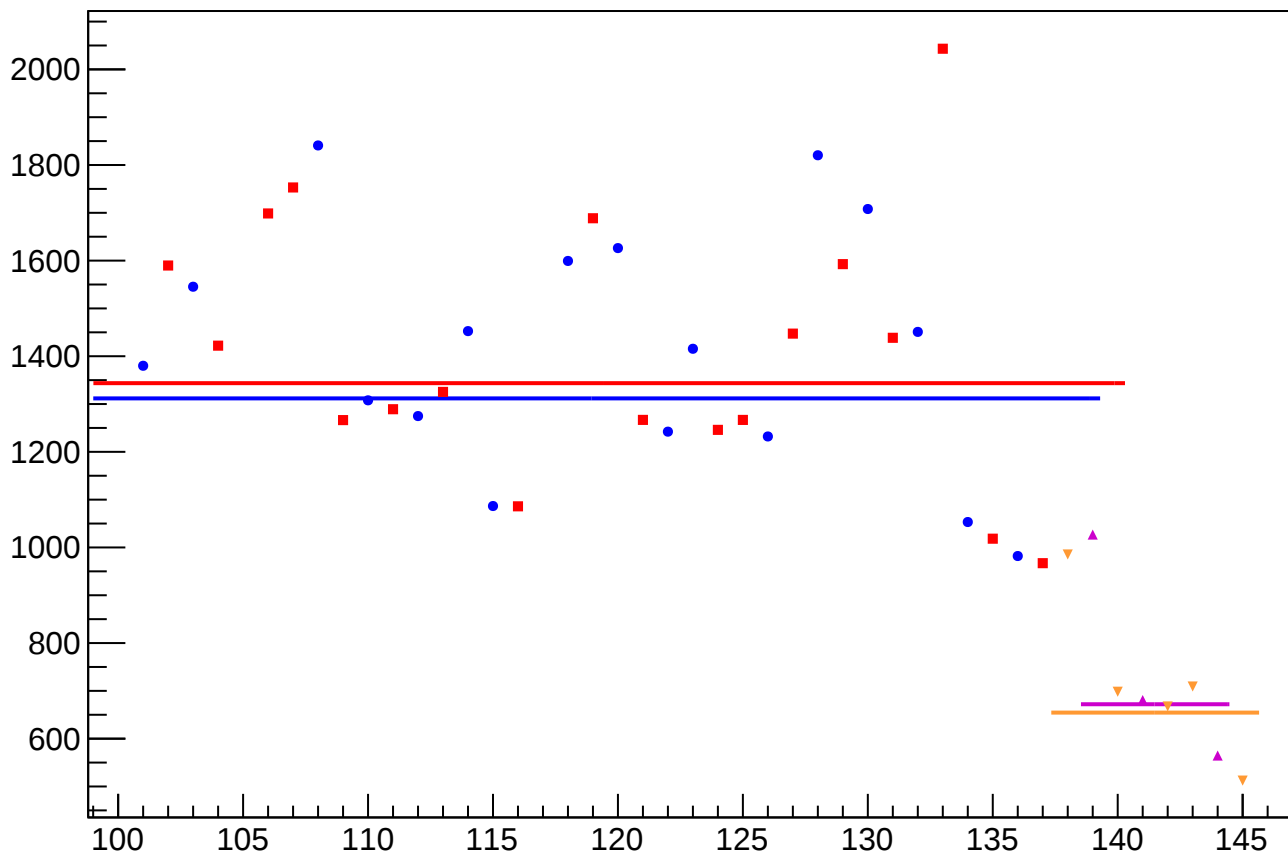
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: -0.385+/-335.079 χ^2/NDF : 26.4/19

Out: -203.265+/-294.810 χ^2/NDF : 23.3/22

All: -114.743+/-221.337 χ^2/NDF : 49.9/42

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: 672.019+/-0.310 χ^2/NDF : 250541.6/2

Left: 661.560+/-0.196 χ^2/NDF : 548246.2/7

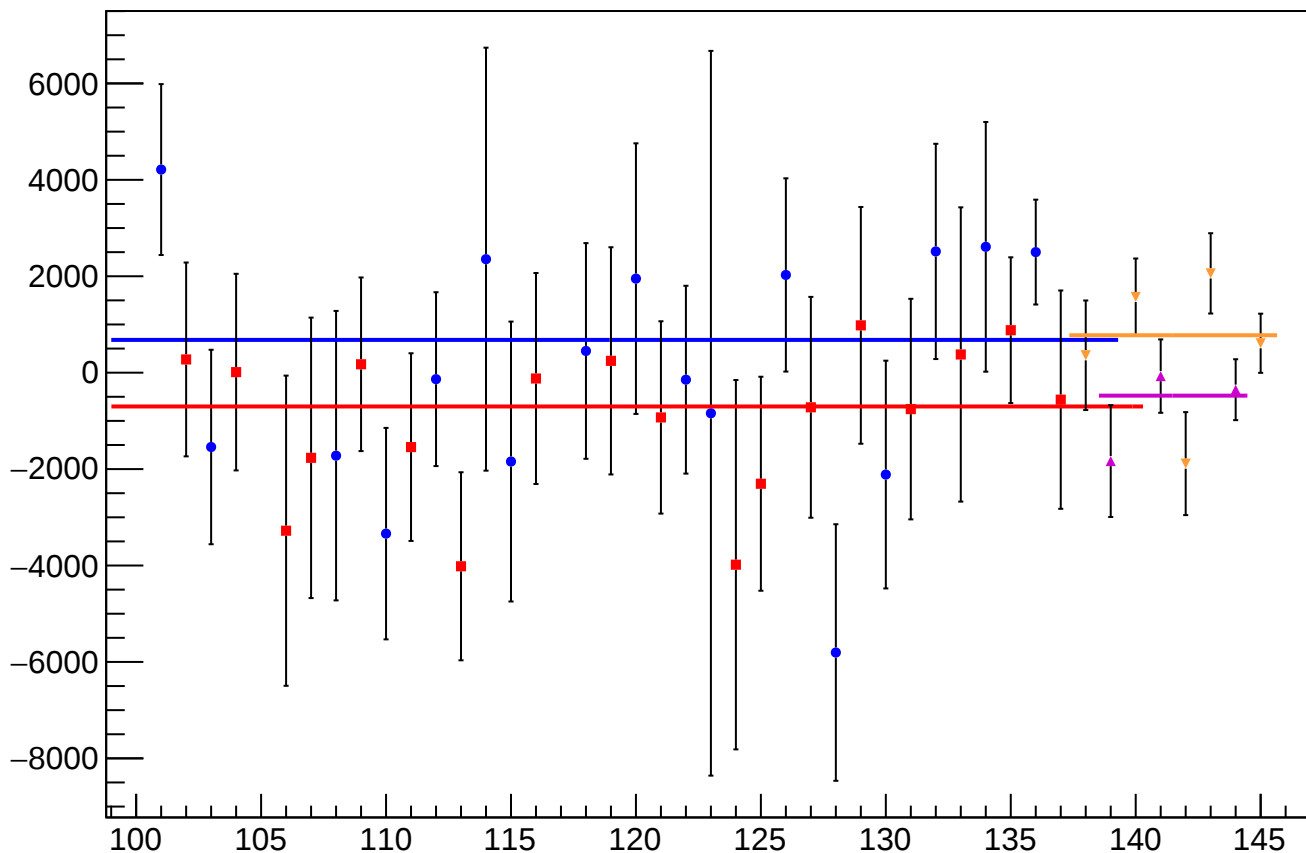
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 938.443+/-0.237 χ^2/NDF : 2535066.5/19

Out: 879.102+/-0.208 χ^2/NDF : 3157301.0/22

All: 904.994+/-0.157 χ^2/NDF : 5727724.4/42

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 776.348+/-369.627 χ^2/NDF : 9.8/4

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -476.331+/-448.321 χ^2/NDF : 1.7/2

Left: 269.423+/-285.194 χ^2/NDF : 16.1/7

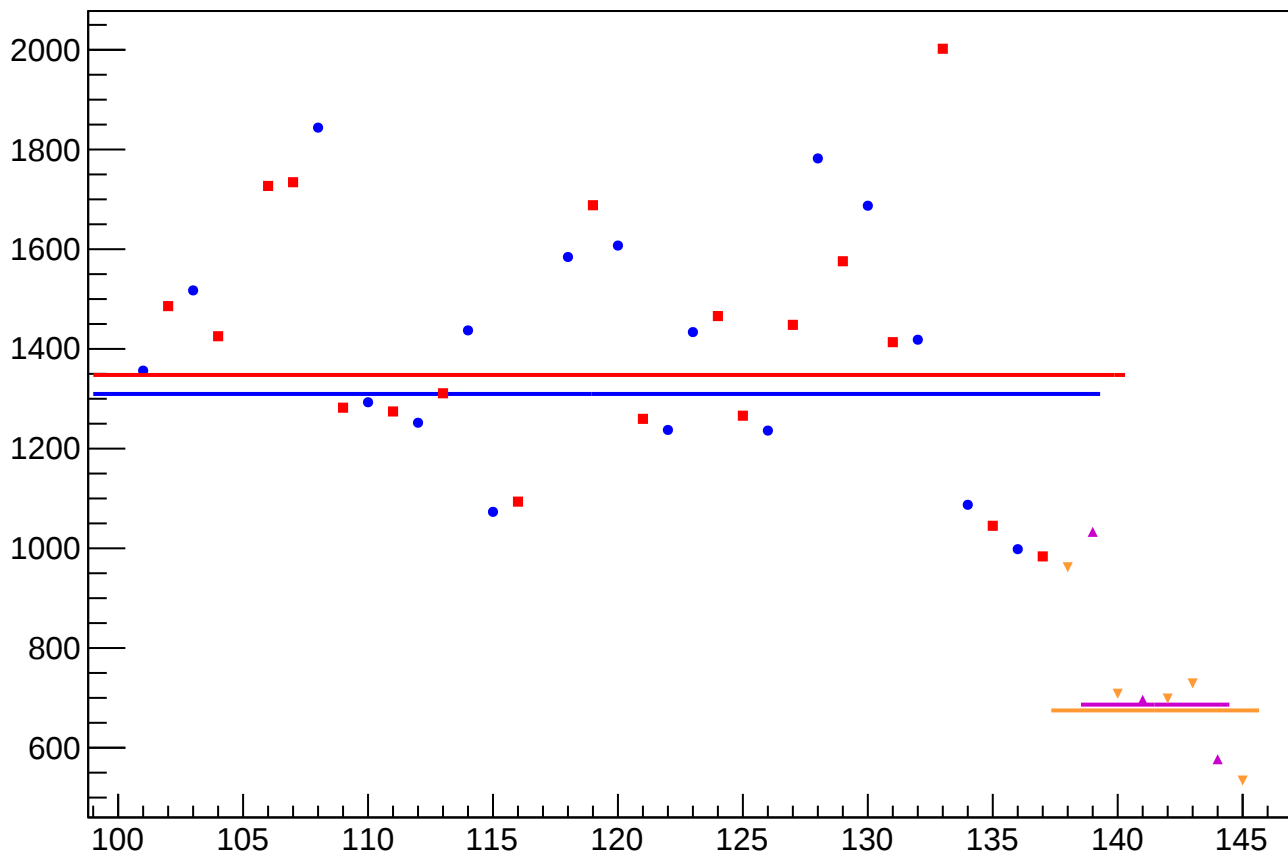
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 19.392+/-338.851 χ^2/NDF : 27.1/19

Out: 277.066+/-300.747 χ^2/NDF : 22.8/22

All: 163.526+/-224.931 χ^2/NDF : 50.2/42

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: 686.457 $\pm$ 0.317 χ^2 /NDF: 239061.1/2

Left: 679.534 $\pm$ 0.202 χ^2 /NDF: 485762.4/7

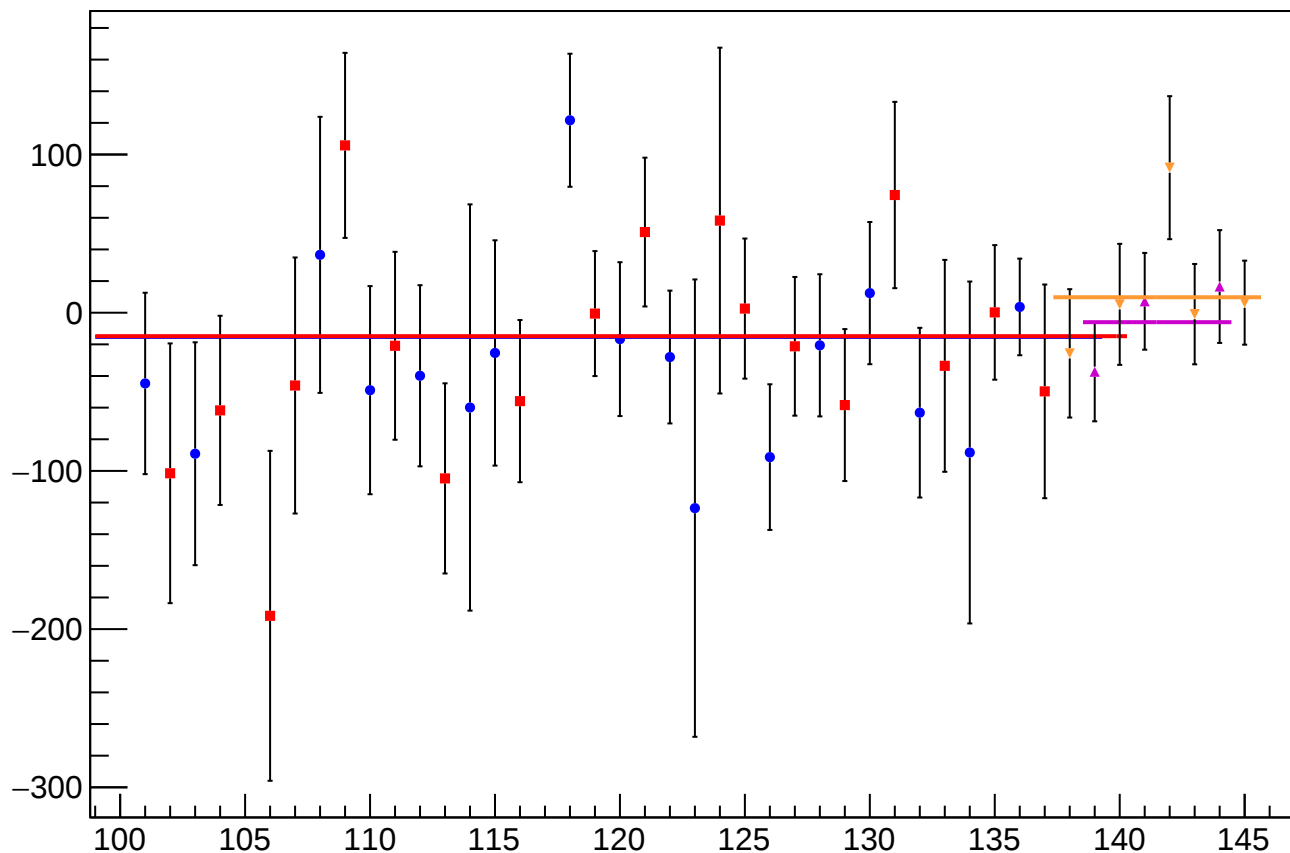
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 953.641 $\pm$ 0.240 χ^2 /NDF: 2355241.6/19

Out: 902.265 $\pm$ 0.213 χ^2 /NDF: 2891714.8/22

All: 924.903 $\pm$ 0.159 χ^2 /NDF: 5272674.1/42

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: -5.985 ± 18.658 χ^2/NDF : 1.6/2

Left: 3.365 ± 11.897 χ^2/NDF : 6.2/7

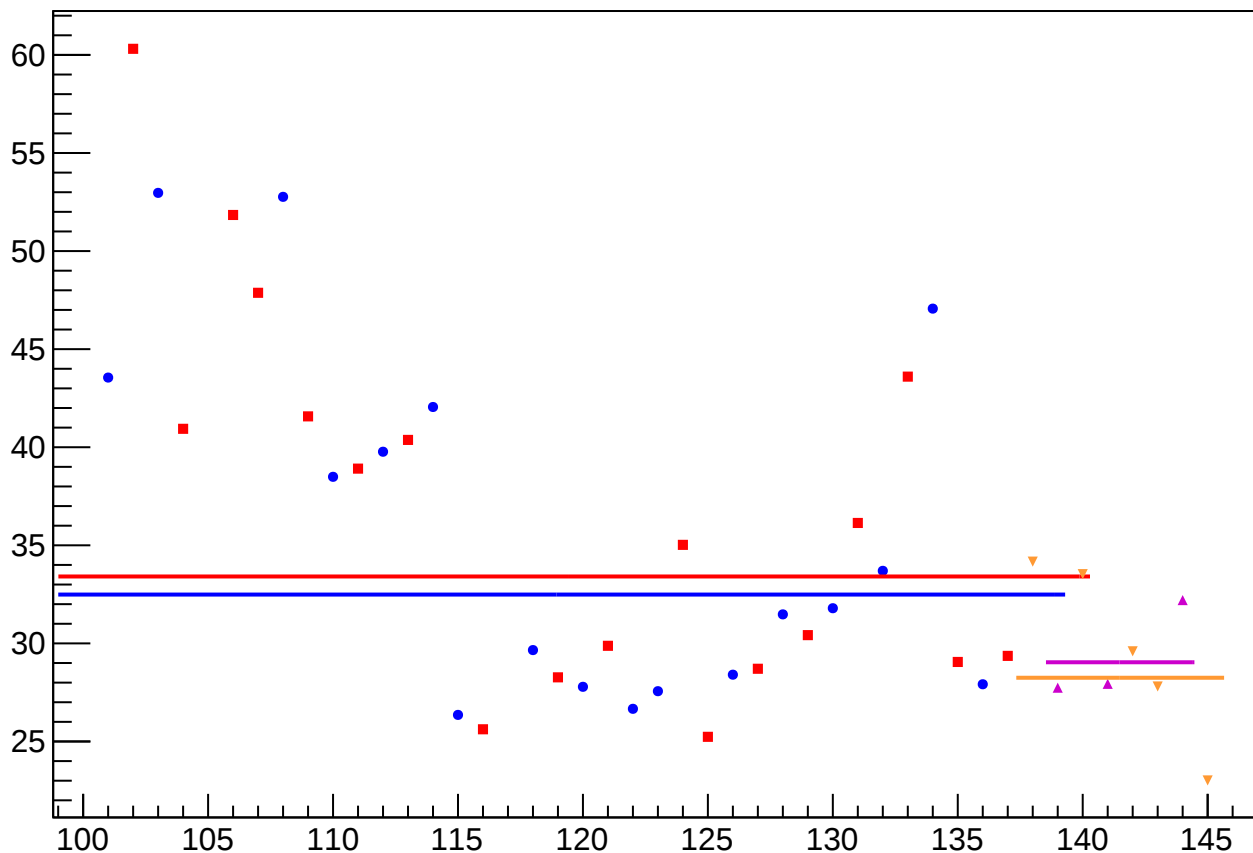
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -12.272 ± 10.615 χ^2/NDF : 20.1/19

Out: -4.543 ± 9.989 χ^2/NDF : 23.9/22

All: -8.173 ± 7.274 χ^2/NDF : 44.2/42

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: 29.038 $\pm$ 0.013 χ^2/NDF : 21801.6/2

Left: 28.569 $\pm$ 0.008 χ^2/NDF : 184521.7/7

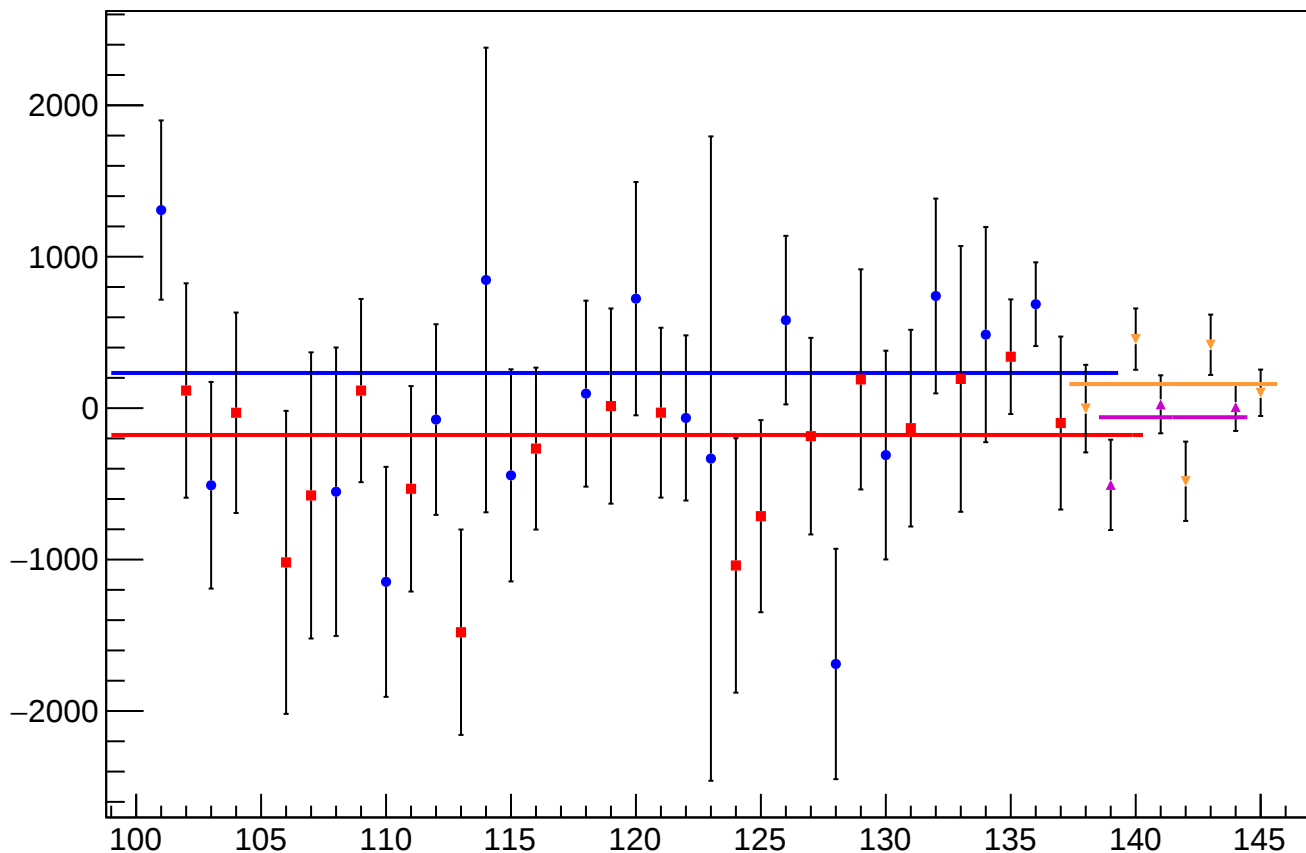
Right: 32.943 $\pm$ 0.007 χ^2/NDF : 1324698.1/34

In: 31.372 $\pm$ 0.008 χ^2/NDF : 662567.8/19

Out: 31.251 $\pm$ 0.007 χ^2/NDF : 1015788.3/22

All: 31.308 $\pm$ 0.005 χ^2/NDF : 1678493.2/42

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: -60.033 $\pm$ 112.832 χ^2 /NDF:2.6/2

Left: 71.885 $\pm$ 71.201 χ^2 /NDF: 15.2/7

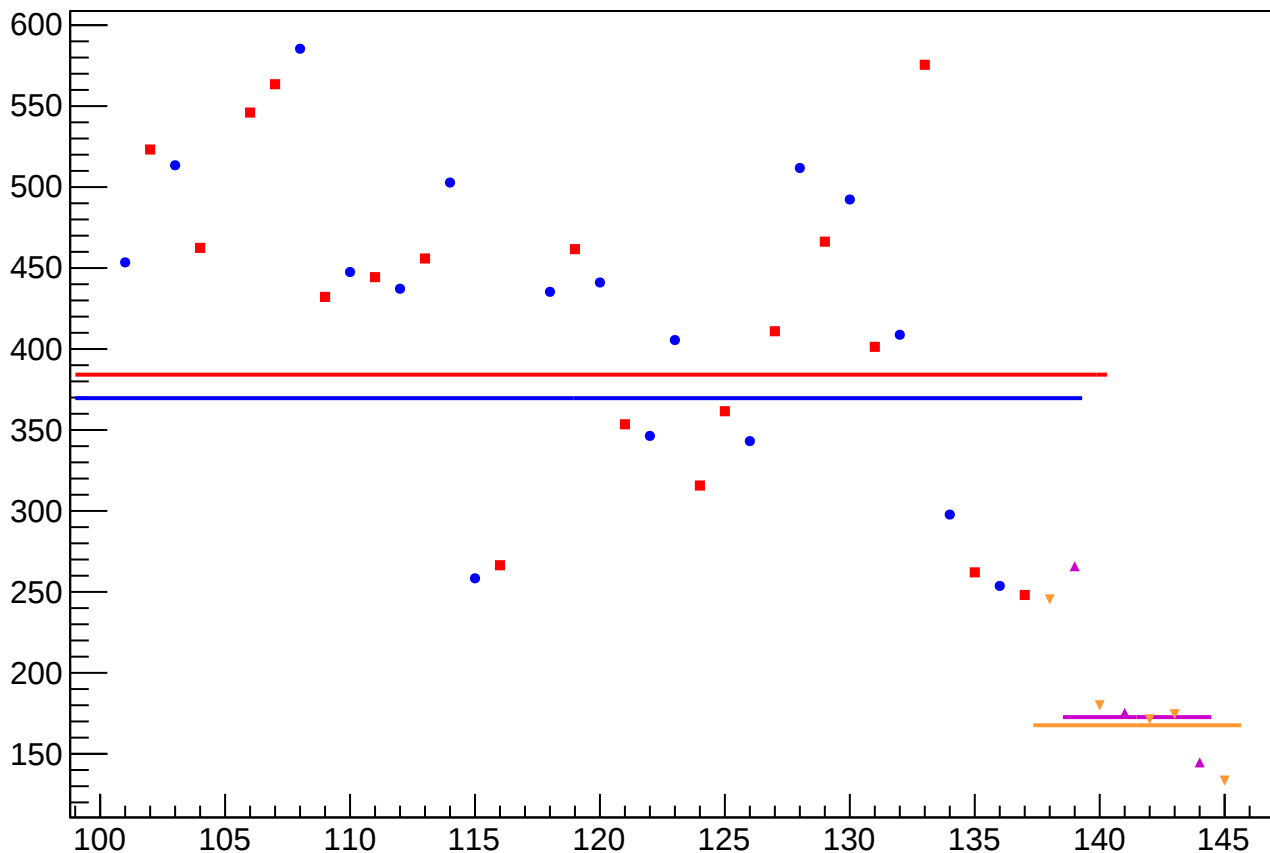
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 46.878 $\pm$ 89.865 χ^2 /NDF:26.5/19

Out: 67.558 $\pm$ 78.290 χ^2 /NDF:23.5/22

All: 58.635 $\pm$ 59.030 χ^2 /NDF: 50.1/42

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: 172.682 $\pm$ 0.080 χ^2 /NDF: 258230.7/2

Left: 169.648 $\pm$ 0.050 χ^2 /NDF: 514845.3/7

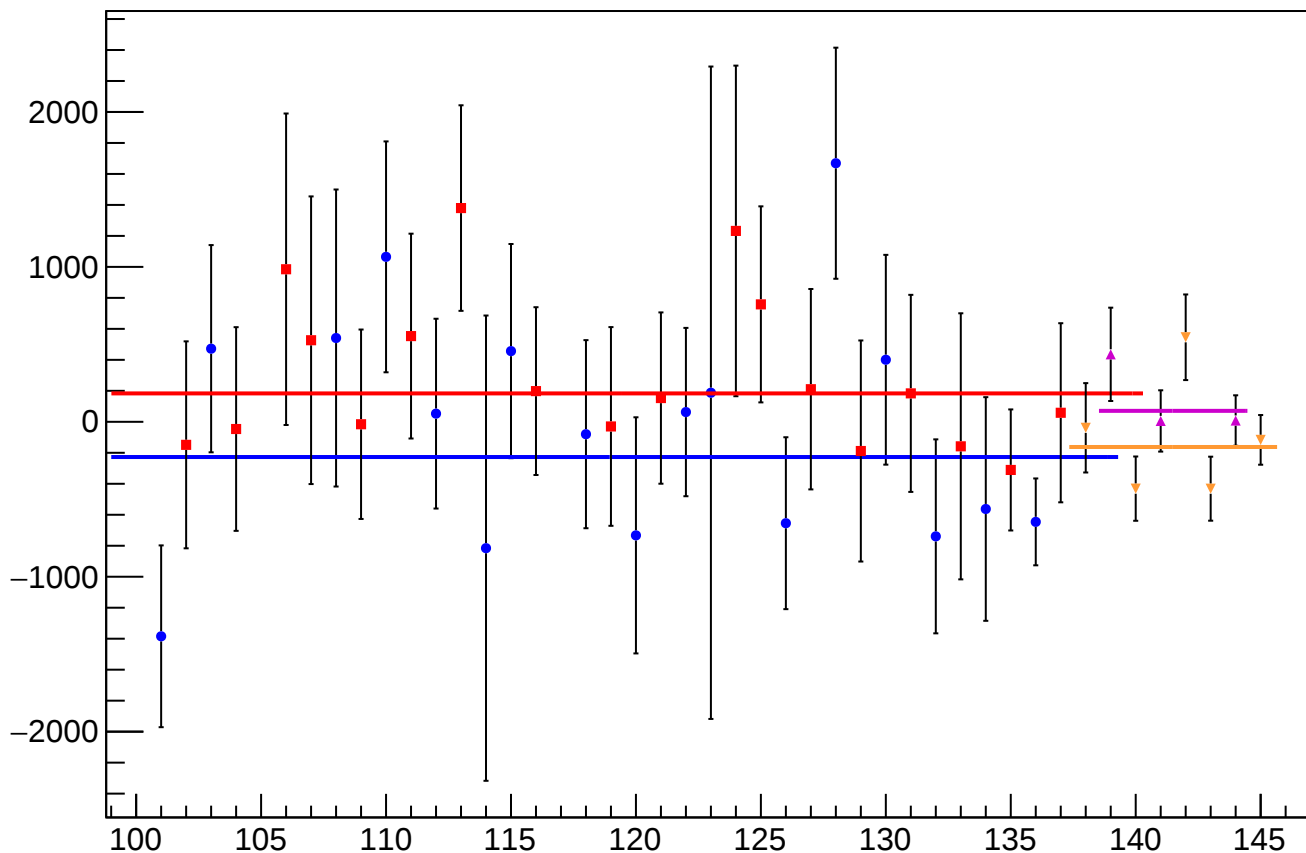
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 244.709 $\pm$ 0.064 χ^2 /NDF: 3389705.2/19

Out: 226.624 $\pm$ 0.055 χ^2 /NDF: 4161411.8/22

All: 234.427 $\pm$ 0.042 χ^2 /NDF: 7597163.3/42

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -162.554+/-95.057 χ^2/NDF : 10.2/4

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 70.749+/-116.034 χ^2/NDF : 1.7/2

Left: -68.859+/-73.533 χ^2/NDF : 14.4/7

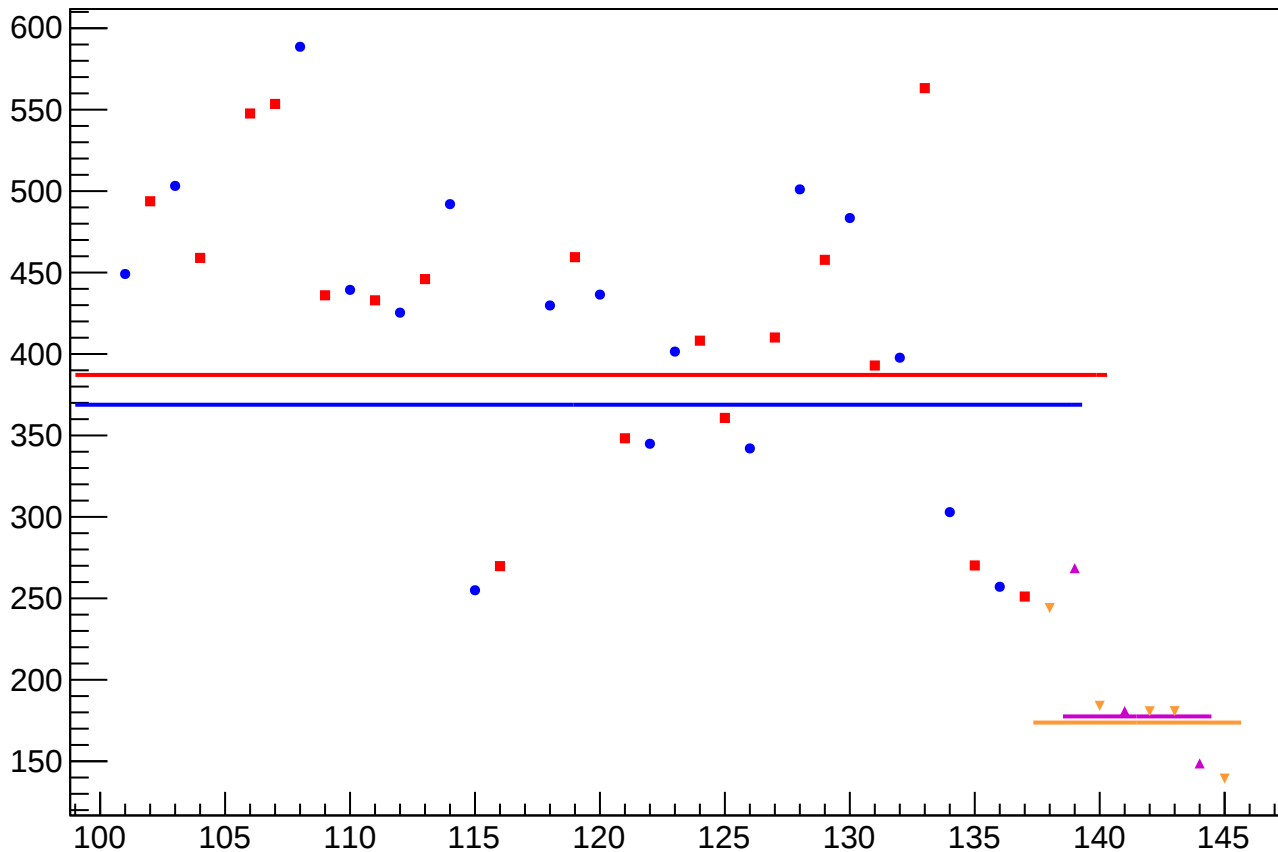
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -42.777+/-91.297 χ^2/NDF : 26.1/19

Out: -63.910+/-80.367 χ^2/NDF : 22.8/22

All: -54.684+/-60.324 χ^2/NDF : 48.9/42

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: 177.516 $\pm$ 0.082 χ^2 /NDF: 245901.5/2

Left: 175.263 $\pm$ 0.052 χ^2 /NDF: 466462.1/7

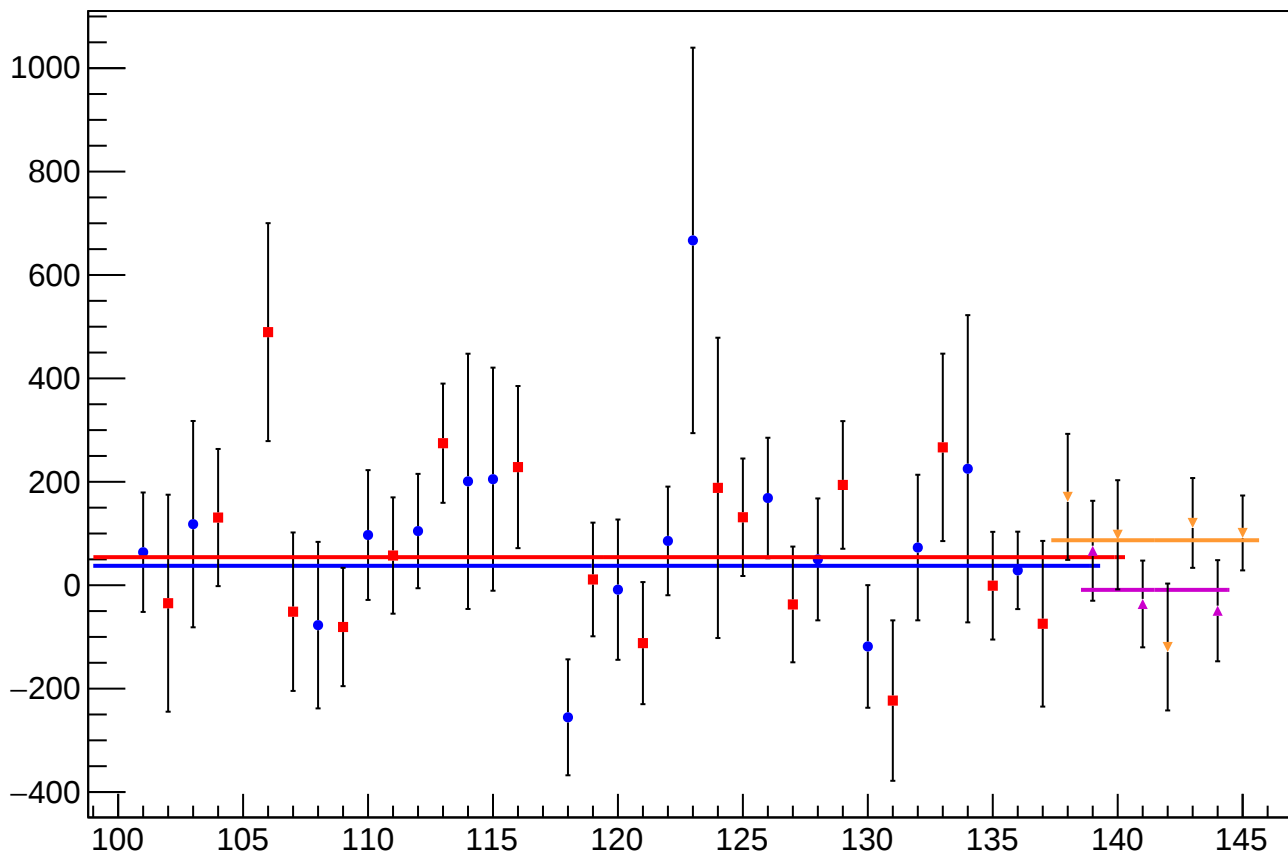
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 250.406 $\pm$ 0.065 χ^2 /NDF: 3147427.0/19

Out: 234.617 $\pm$ 0.057 χ^2 /NDF: 3852586.8/22

All: 241.510 $\pm$ 0.043 χ^2 /NDF: 7033712.8/42

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 86.989+/-42.766 χ^2/NDF : 3.5/4

Right Out: 54.274+/-31.489 χ^2/NDF : 21.8/17

Left In: -8.976+/-53.168 χ^2/NDF : 0.9/2

Left: 49.291+/-33.323 χ^2/NDF : 6.4/7

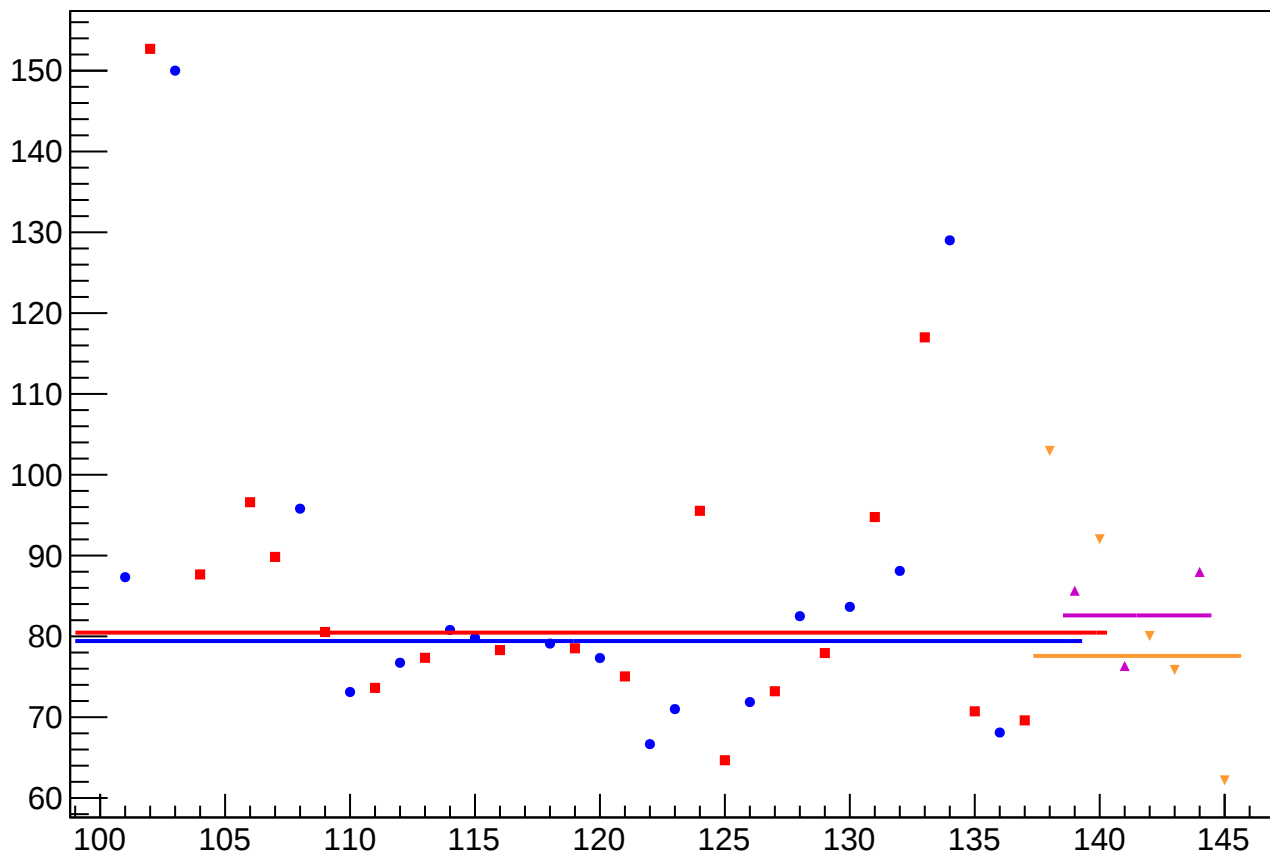
Right: 45.897+/-22.256 χ^2/NDF : 37.8/34

In: 25.473+/-27.075 χ^2/NDF : 17.3/19

Out: 65.775+/-25.357 χ^2/NDF : 25.7/22

All: 46.944+/-18.508 χ^2/NDF : 44.2/42

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: 82.595 $\pm$ 0.038 χ^2 /NDF:19192.9/2

Left: 79.551 $\pm$ 0.024 χ^2 /NDF: 246152.3/7

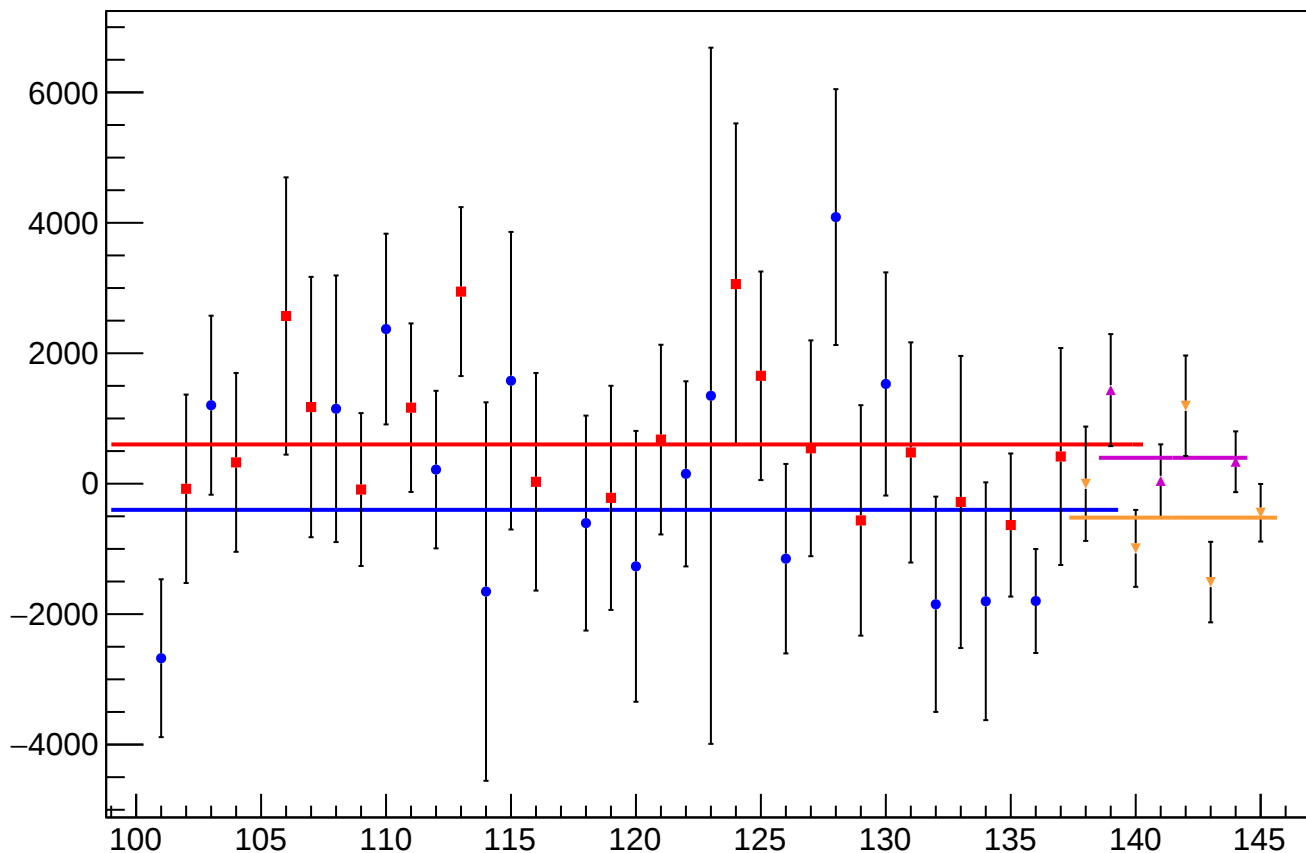
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 80.244 $\pm$ 0.019 χ^2 /NDF:463516.8/19

Out: 79.452 $\pm$ 0.018 χ^2 /NDF:676437.0/22

All: 79.822 $\pm$ 0.013 χ^2 /NDF: 1140867.0/42

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: 397.076+/-330.717 χ^2/NDF : 1.9/2

Left: -151.703+/-209.635 χ^2/NDF : 15.0/7

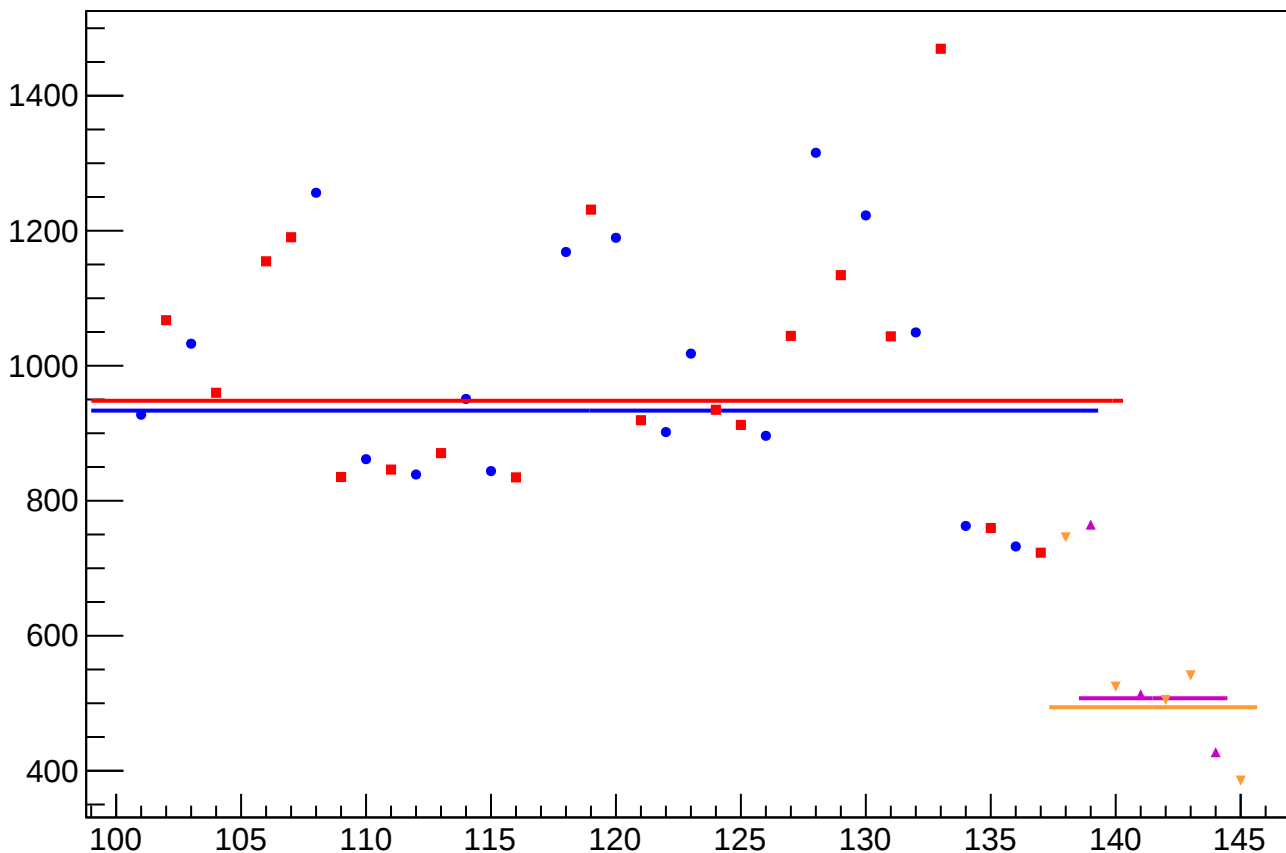
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 40.995+/-246.124 χ^2/NDF : 26.4/19

Out: -119.558+/-217.325 χ^2/NDF : 23.3/22

All: -49.220+/-162.907 χ^2/NDF : 50.0/42

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 494.087+/-0.192 χ^2/NDF :303373.3/4

Right Out: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 507.420+/-0.234 χ^2/NDF :238410.0/2

Left: 499.444+/-0.148 χ^2/NDF : 543727.8/7

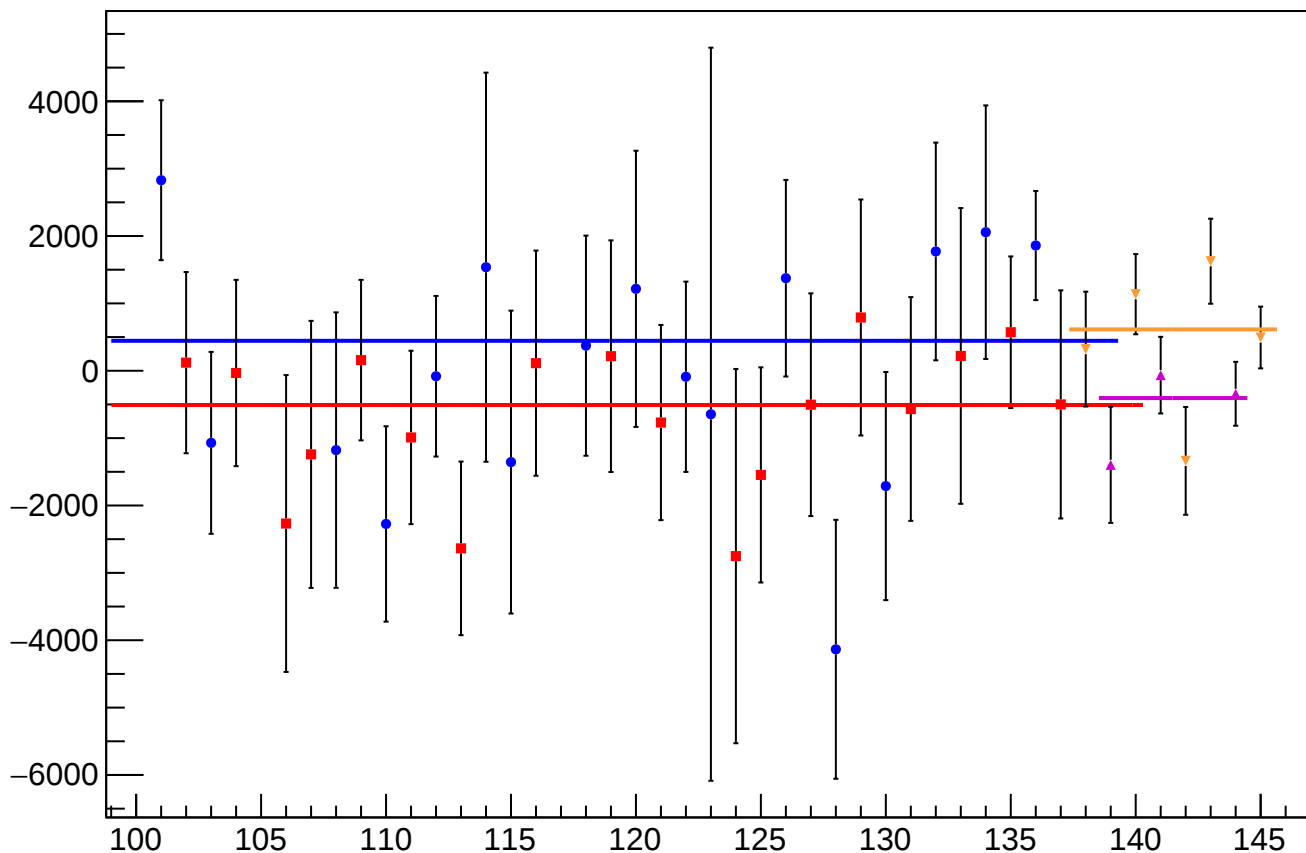
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 697.528+/-0.174 χ^2/NDF :2162024.5/19

Out: 656.233+/-0.154 χ^2/NDF :2712772.3/22

All: 674.324+/-0.115 χ^2/NDF : 4906433.1/42

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 613.641+/-276.988 χ^2/NDF : 9.5/4

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -405.272+/-335.422 χ^2/NDF : 1.7/2

Left: 200.530+/-213.578 χ^2/NDF : 16.7/7

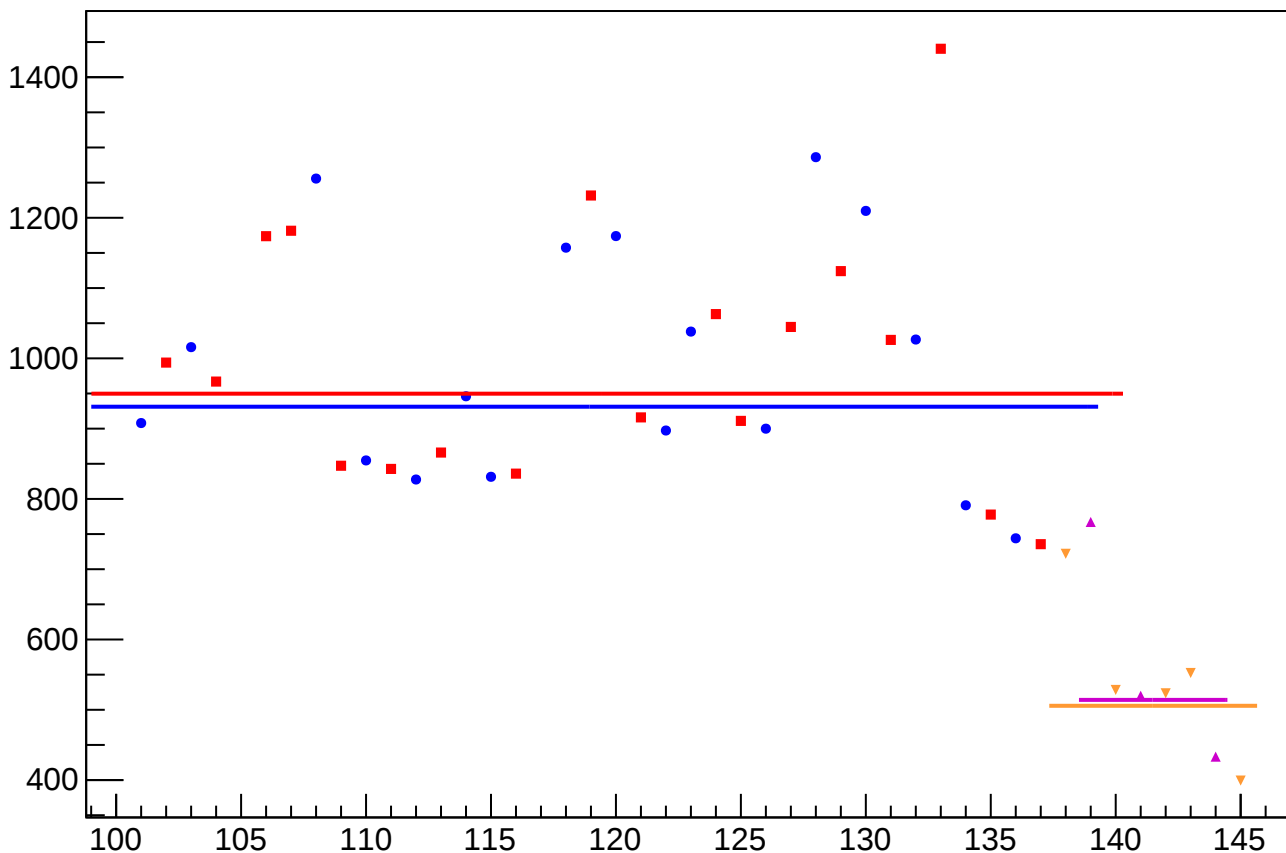
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -18.547+/-247.622 χ^2/NDF : 27.5/19

Out: 202.404+/-220.451 χ^2/NDF : 22.8/22

All: 104.712+/-164.654 χ^2/NDF : 50.8/42

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: 514.093+/-0.237 χ^2/NDF : 230801.4/2

Left: 509.098+/-0.151 χ^2/NDF : 482786.7/7

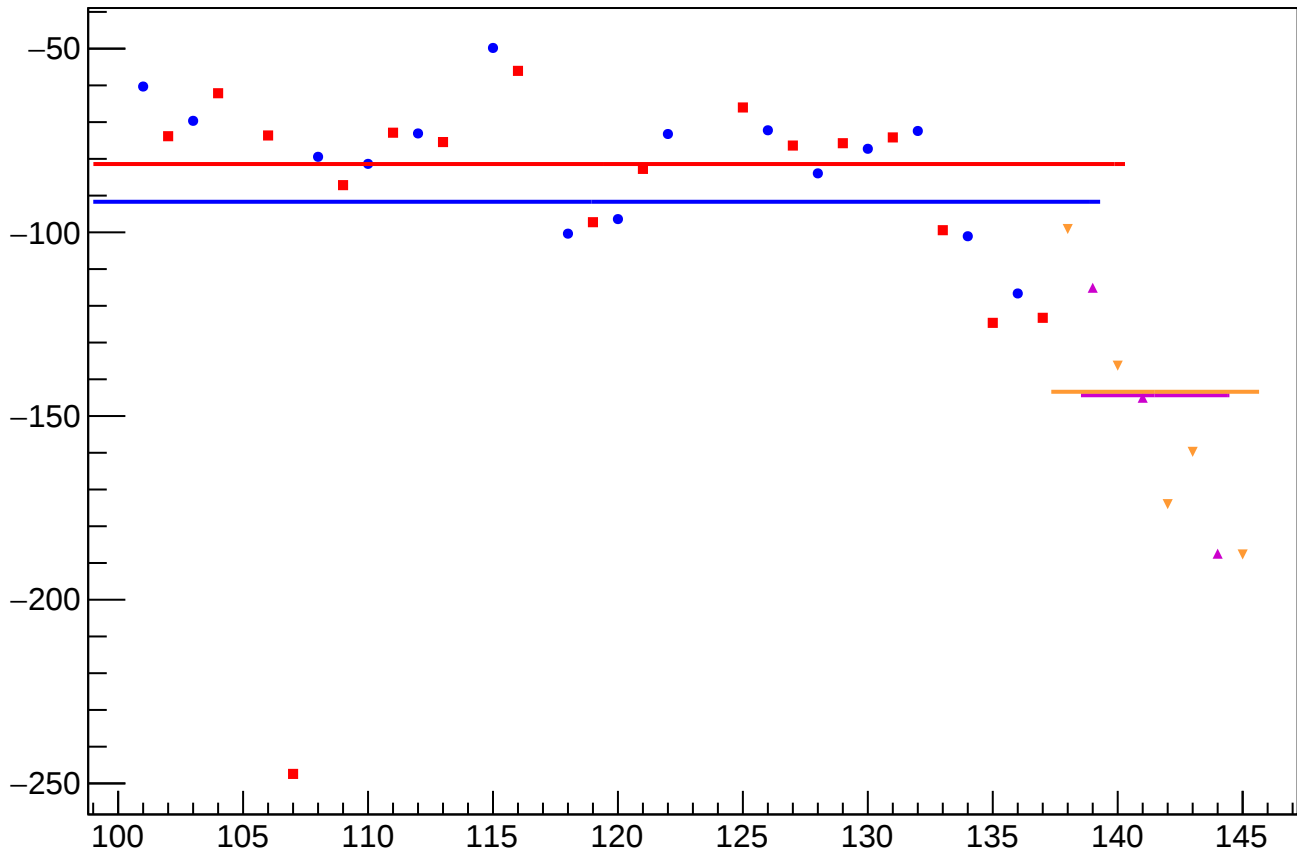
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 703.879+/-0.175 χ^2/NDF : 2038254.4/19

Out: 668.465+/-0.156 χ^2/NDF : 2500973.8/22

All: 684.123+/-0.116 χ^2/NDF : 4562048.7/42

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -143.396 ± 0.231 $\chi^2/\text{NDF}: 8560.0/4$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -144.343 ± 0.153 $\chi^2/\text{NDF}: 12099.9/2$

Left: -144.055 ± 0.128 $\chi^2/\text{NDF}: 20671.6/7$

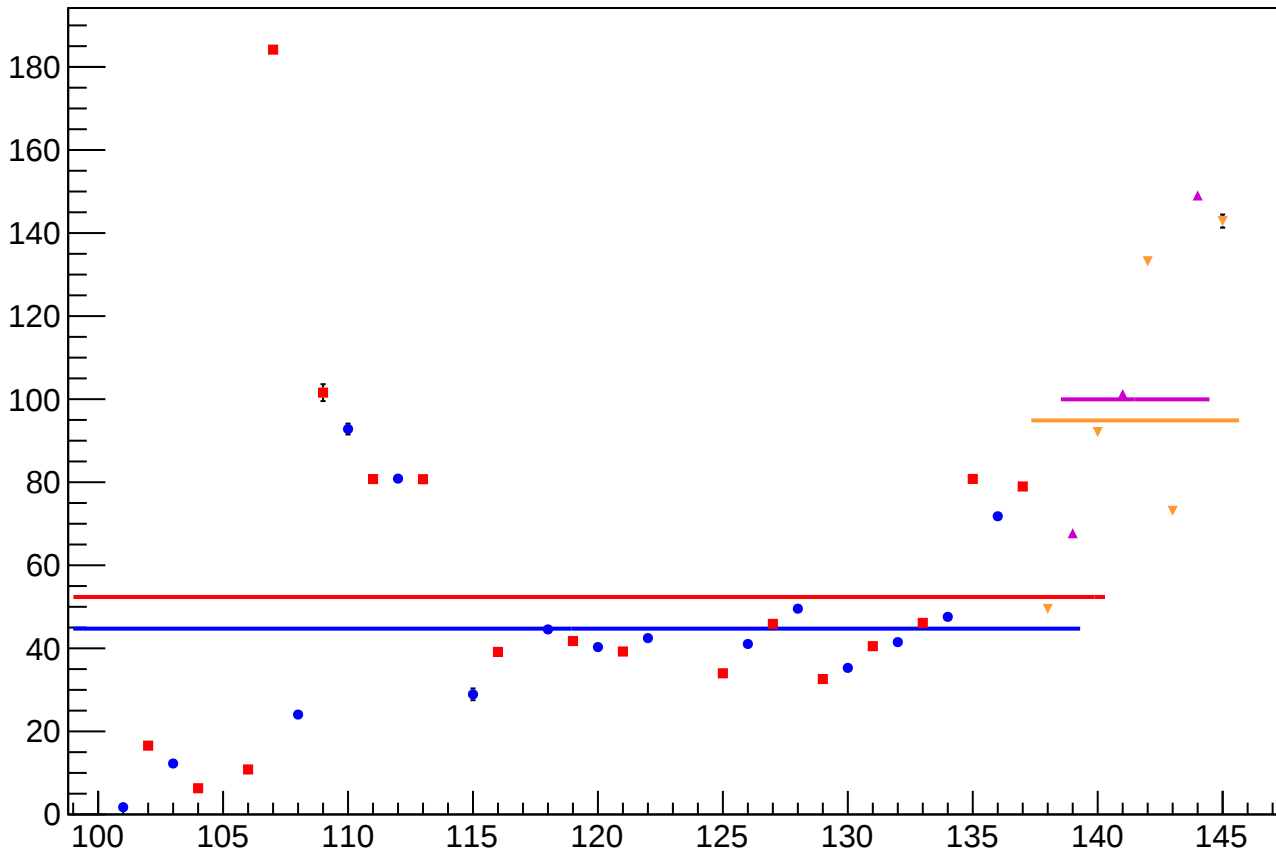
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -100.830 ± 0.064 $\chi^2/\text{NDF}: 174693.5/17$

Out: -90.922 ± 0.091 $\chi^2/\text{NDF}: 111105.5/21$

All: -97.548 ± 0.052 $\chi^2/\text{NDF}: 293798.8/39$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 94.881 $\pm$ 0.248 χ^2/NDF :8120.1/4

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 99.956 $\pm$ 0.155 χ^2/NDF :12483.1/2

Left: 98.535 $\pm$ 0.131 χ^2/NDF : 20903.6/7

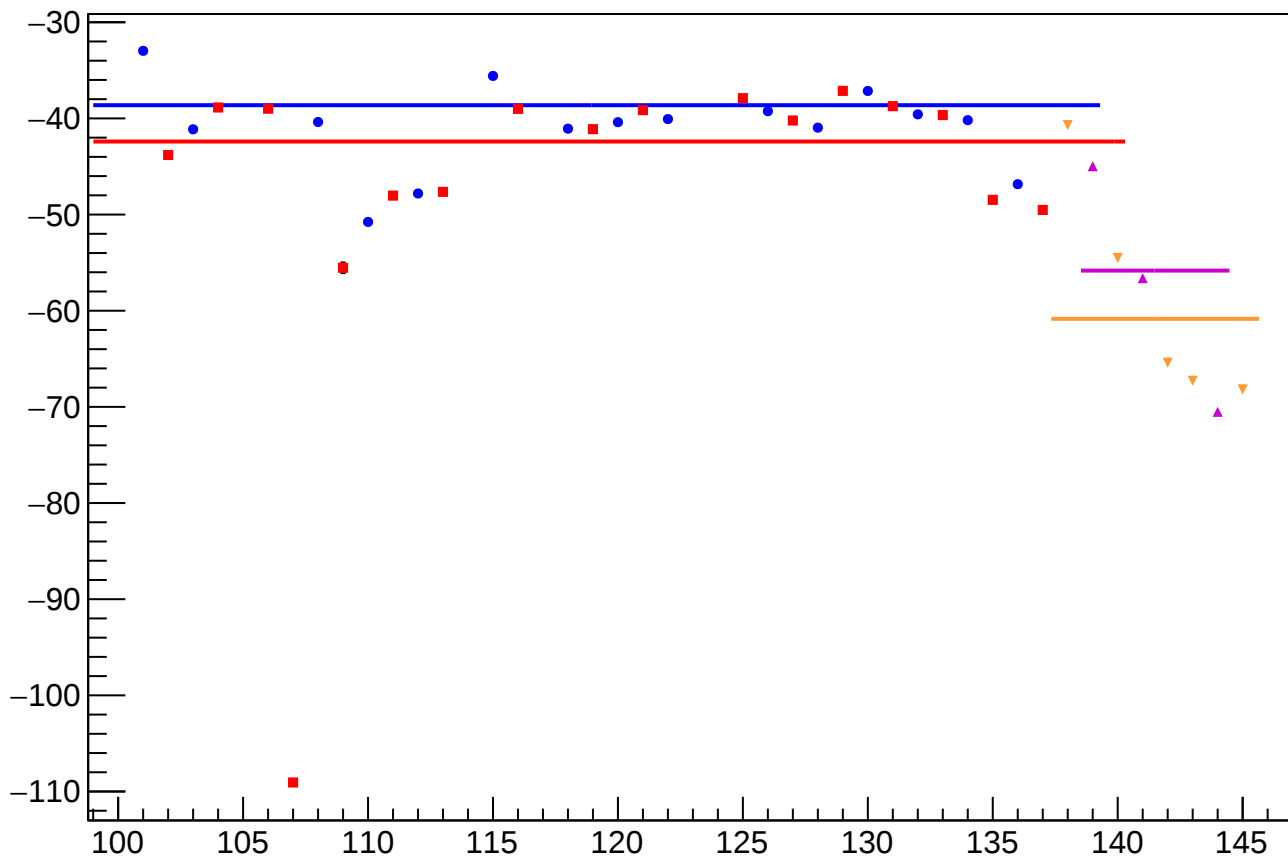
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 52.065 $\pm$ 0.056 χ^2/NDF :207345.7/17

Out: 59.606 $\pm$ 0.103 χ^2/NDF :101697.2/21

All: 53.817 $\pm$ 0.049 χ^2/NDF : 313195.4/39

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: -55.825 ± 0.044 χ^2/NDF : 17748.1/2

Left: -57.974 ± 0.034 χ^2/NDF : 44202.5/7

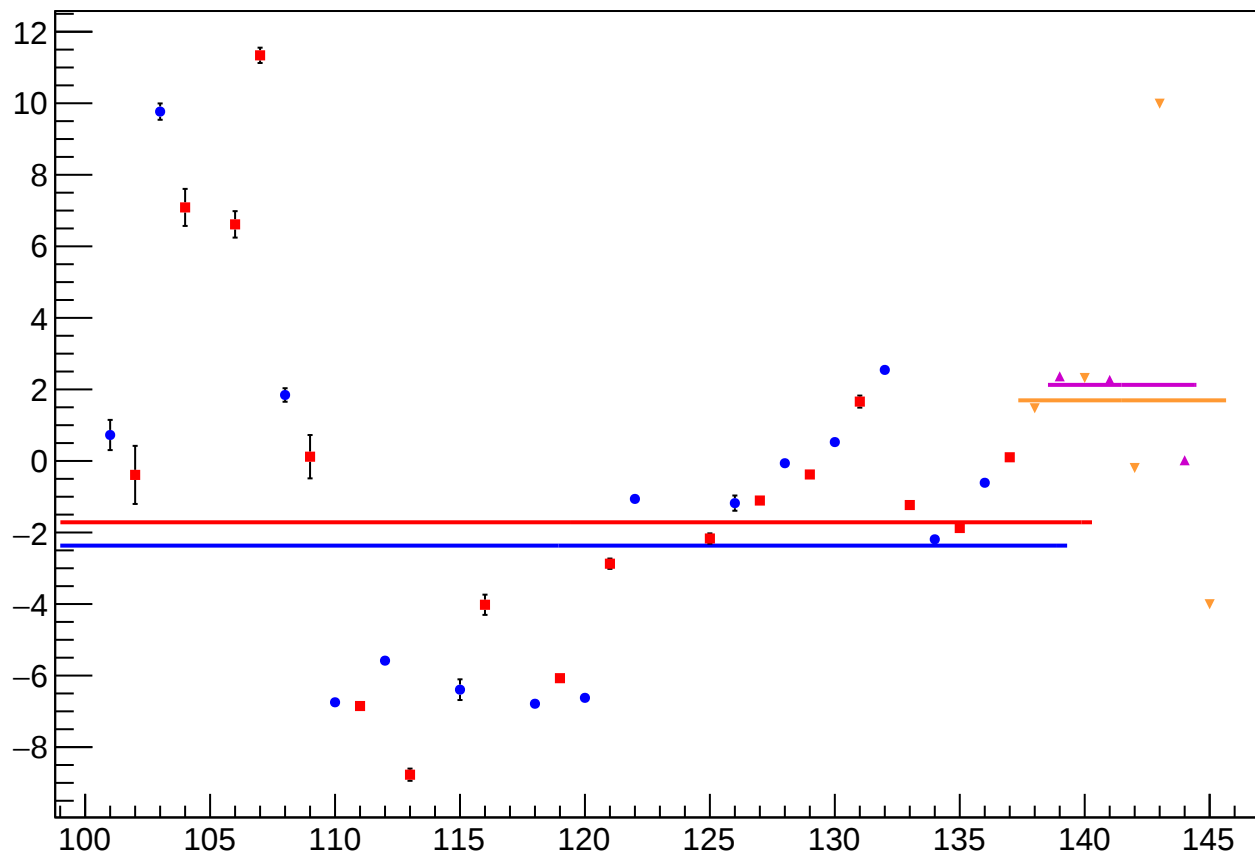
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.200 ± 0.008 χ^2/NDF : 402407.8/17

Out: -45.106 ± 0.020 χ^2/NDF : 399980.1/21

All: -40.061 ± 0.008 χ^2/NDF : 879415.1/39

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 $\pm$ 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.694 $\pm$ 0.030 χ^2/NDF : 8989.0/4

Right Out: -1.715 $\pm$ 0.027 χ^2/NDF : 12719.3/16

Left In: 2.127 $\pm$ 0.021 χ^2/NDF : 774.3/2

Left: 1.984 $\pm$ 0.017 χ^2/NDF : 9904.3/7

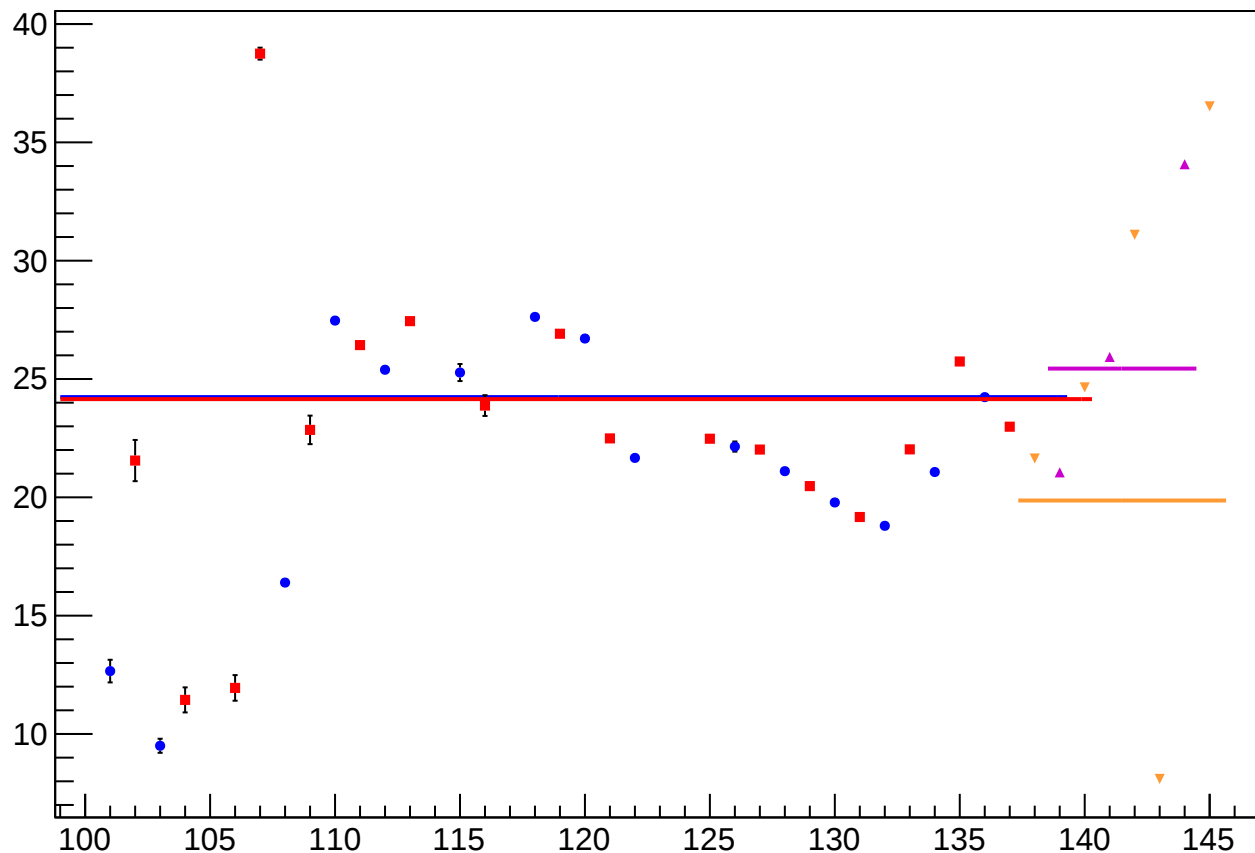
Right: -2.227 $\pm$ 0.012 χ^2/NDF : 41975.5/31

In: -0.972 $\pm$ 0.012 χ^2/NDF : 61222.1/17

Out: -0.177 $\pm$ 0.020 χ^2/NDF : 28904.6/21

All: -0.769 $\pm$ 0.010 χ^2/NDF : 91304.1/39

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 19.866+/-0.047 χ^2/NDF : 37874.0/4

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 25.440+/-0.036 χ^2/NDF : 7805.0/2

Left: 23.406+/-0.029 χ^2/NDF : 54509.3/7

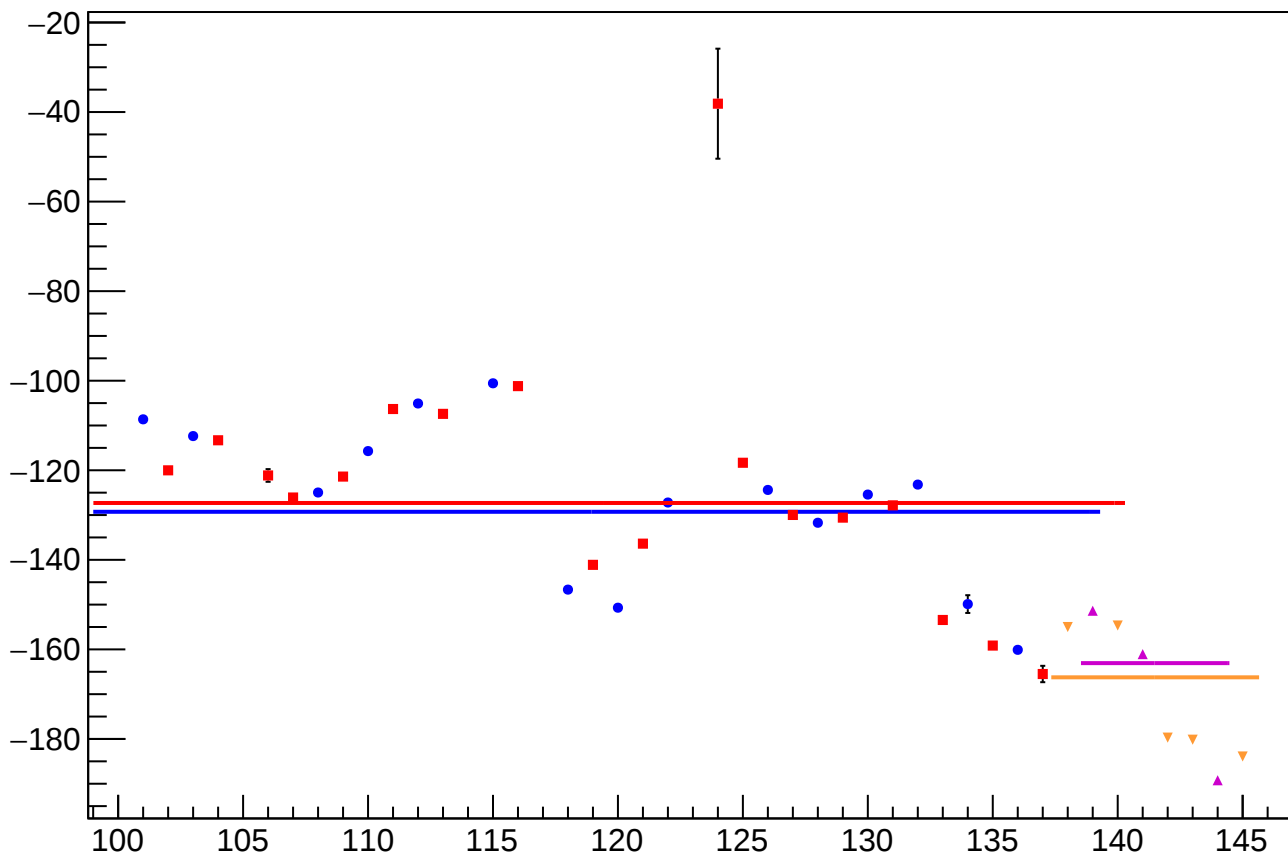
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 24.566+/-0.019 χ^2/NDF : 30522.9/17

Out: 23.251+/-0.022 χ^2/NDF : 57584.9/21

All: 24.002+/-0.014 χ^2/NDF : 90213.1/39

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: -163.067+/-0.152 χ^2 /NDF:7892.6/2

Left: -164.813+/-0.102 χ^2 /NDF: 16579.2/7

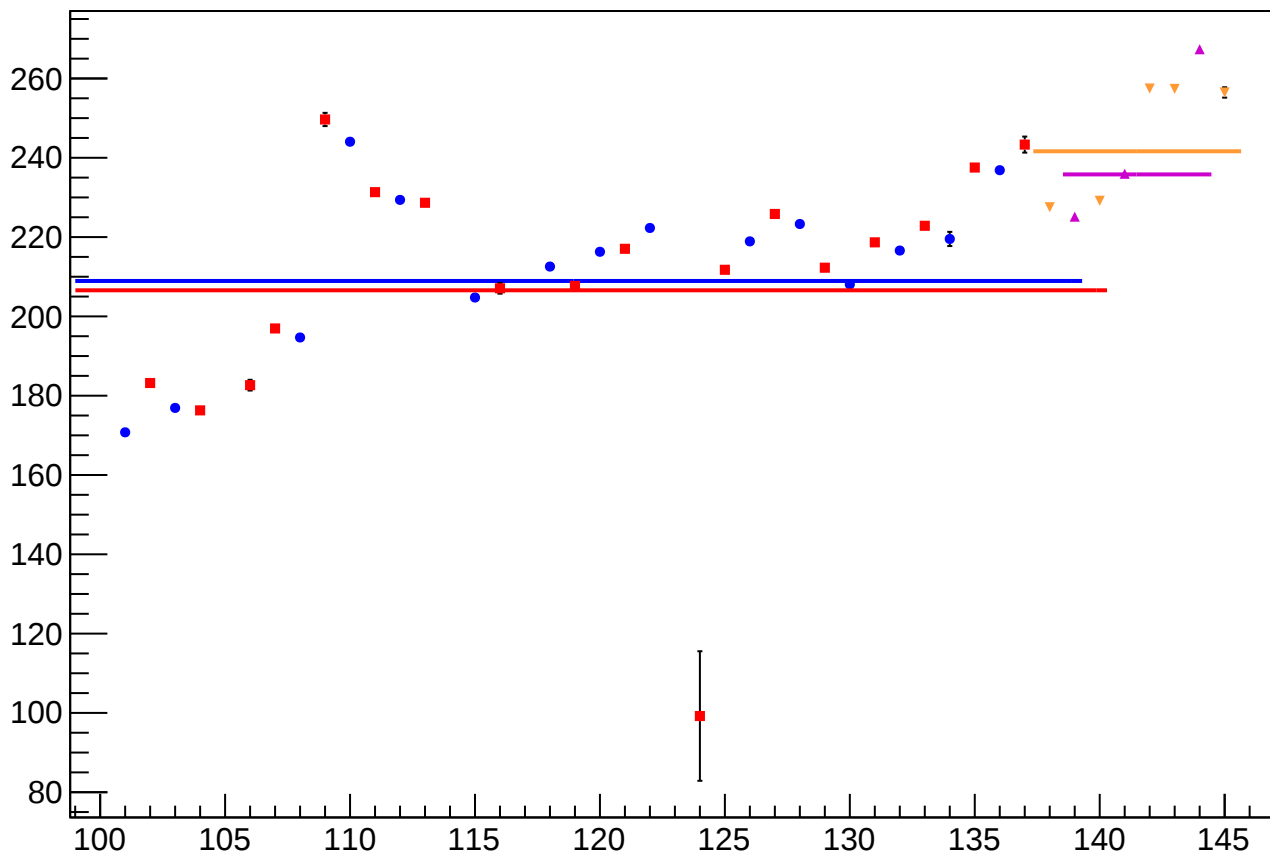
Right: -128.248+/-0.061 χ^2 /NDF: 64968.8/32

In: -137.757+/-0.076 χ^2 /NDF:80220.7/17

Out: -137.992+/-0.072 χ^2 /NDF:96584.7/22

All: -137.881+/-0.052 χ^2 /NDF: 176810.4/40

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: 235.807 $\pm$ 0.144 χ^2 /NDF:8754.3/2

Left: 238.817 $\pm$ 0.100 χ^2 /NDF: 20496.7/7

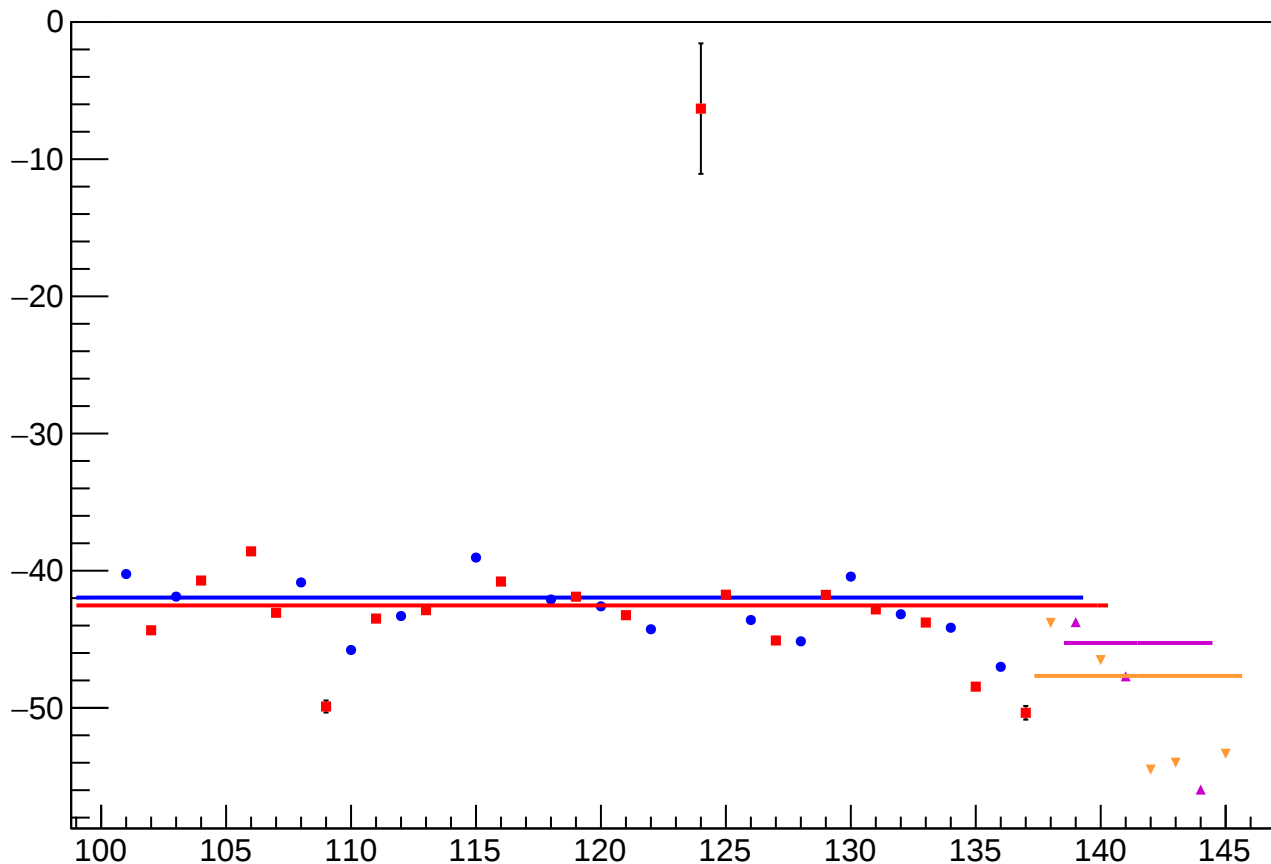
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 216.388 $\pm$ 0.076 χ^2 /NDF:78613.3/17

Out: 215.792 $\pm$ 0.071 χ^2 /NDF:105769.2/22

All: 216.072 $\pm$ 0.052 χ^2 /NDF: 184415.3/40

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: -45.267 $\pm$ 0.023 χ^2 /NDF: 15546.2/2

Left: -46.371 $\pm$ 0.017 χ^2 /NDF: 54660.7/7

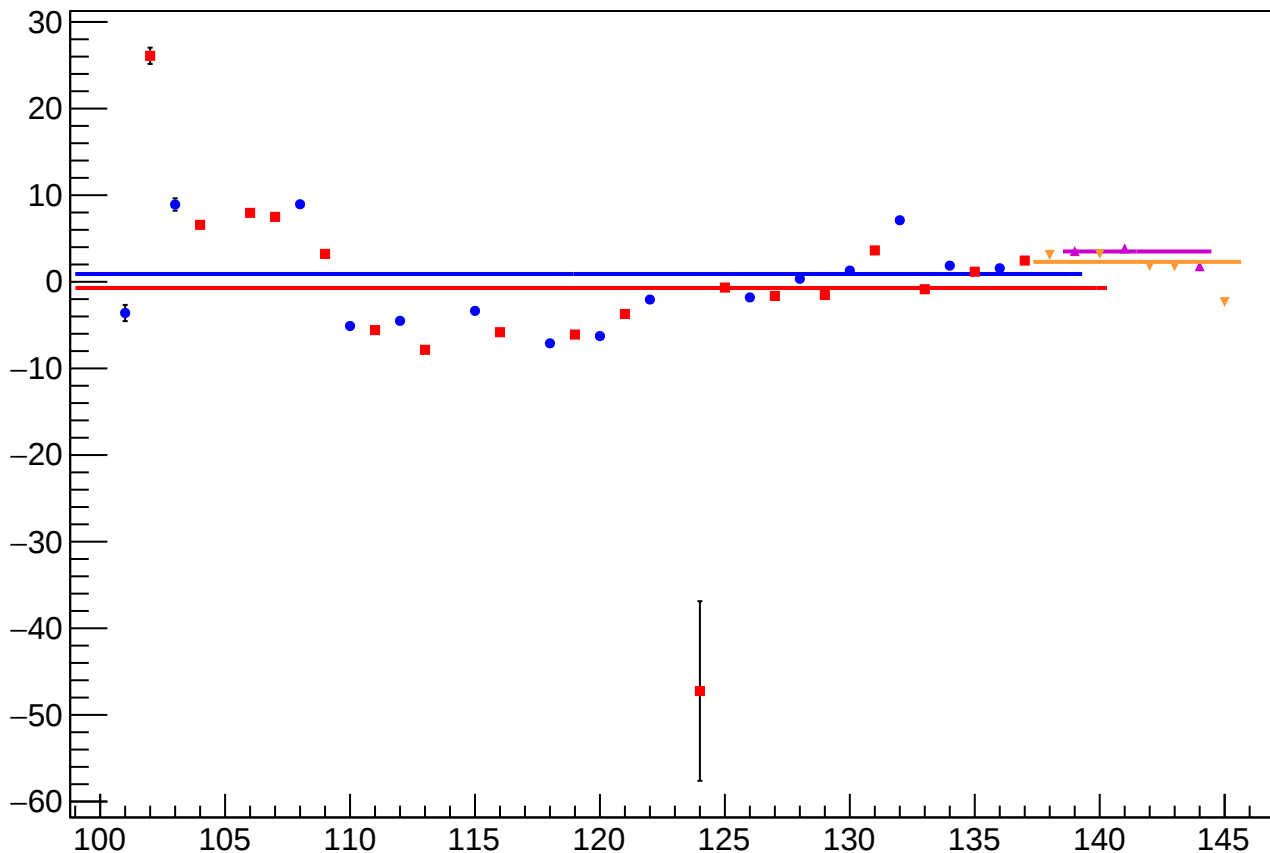
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -43.022 $\pm$ 0.013 χ^2 /NDF: 54199.6/17

Out: -44.655 $\pm$ 0.016 χ^2 /NDF: 65675.0/22

All: -43.672 $\pm$ 0.010 χ^2 /NDF: 126295.5/40

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: 3.503 ± 0.023 $\chi^2/\text{NDF}: 947.9/2$

Left: 2.895 ± 0.016 $\chi^2/\text{NDF}: 7396.6/7$

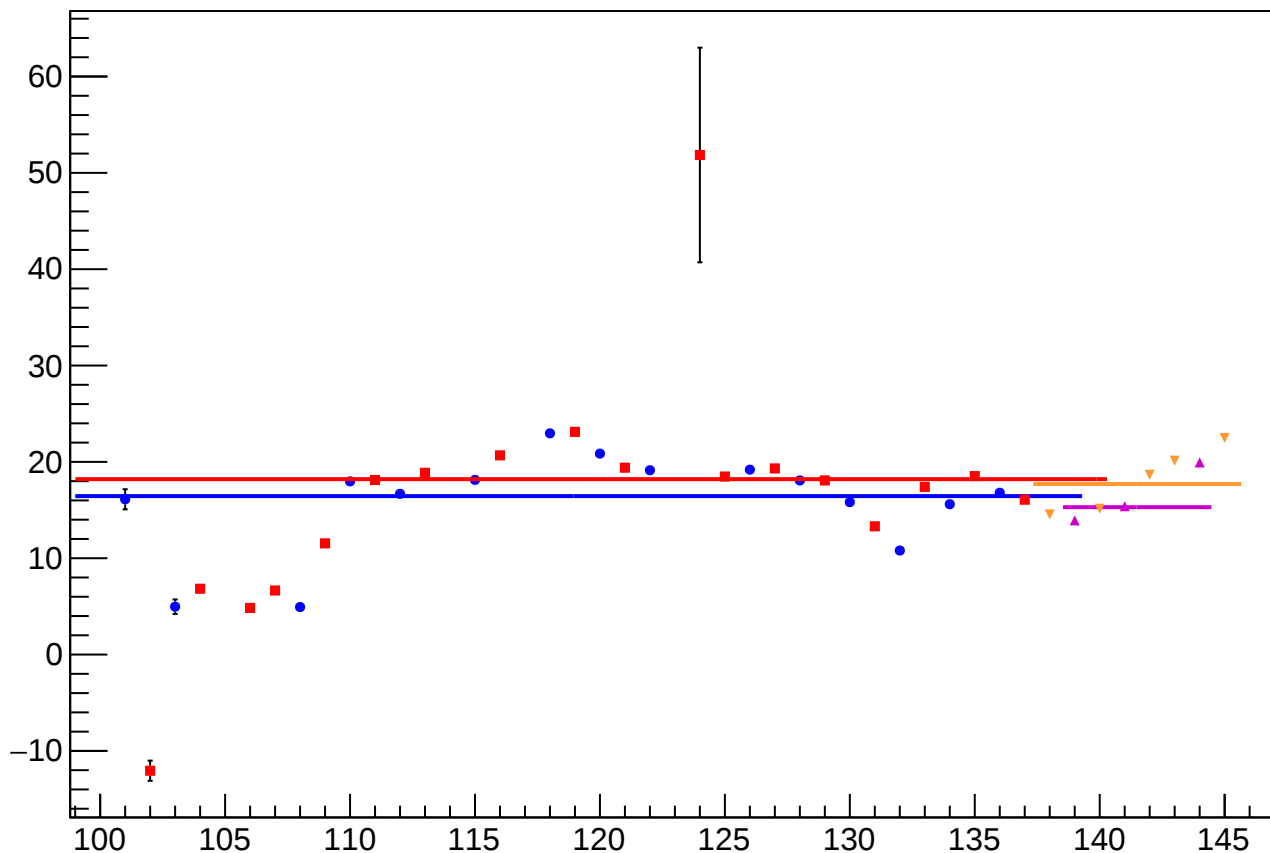
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.020 ± 0.015 $\chi^2/\text{NDF}: 29312.9/17$

Out: 0.889 ± 0.017 $\chi^2/\text{NDF}: 43967.6/22$

All: 1.508 ± 0.011 $\chi^2/\text{NDF}: 75806.2/40$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 χ^2/NDF : 14183.1/14

Left Out: 17.699 ± 0.028 χ^2/NDF : 8174.2/4

Right Out: 18.207 ± 0.020 χ^2/NDF : 27493.7/17

Left In: 15.299 ± 0.030 χ^2/NDF : 3313.1/2

Left: 16.581 ± 0.020 χ^2/NDF : 14977.2/7

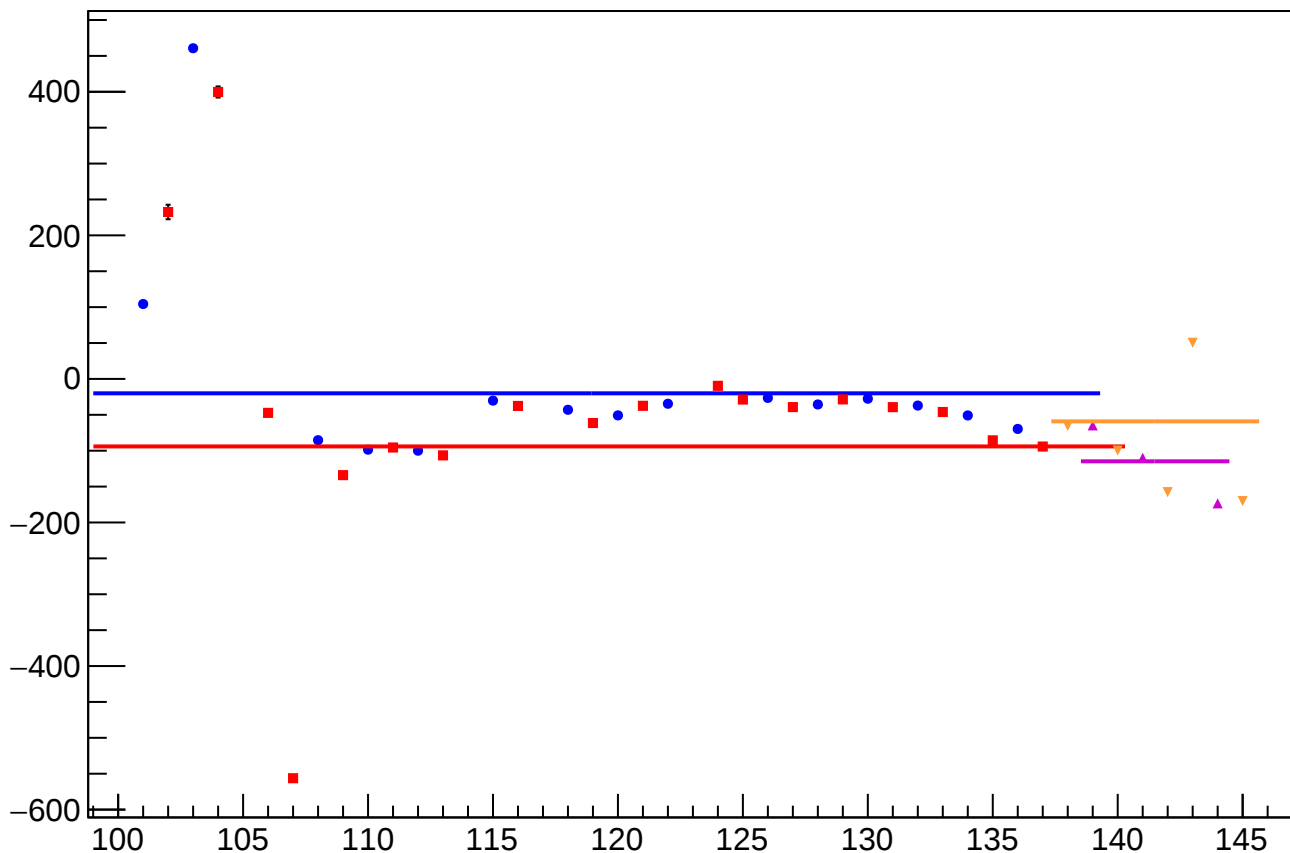
Right: 17.482 ± 0.016 χ^2/NDF : 44731.9/32

In: 15.984 ± 0.019 χ^2/NDF : 18388.6/17

Out: 18.028 ± 0.016 χ^2/NDF : 35885.1/22

All: 17.145 ± 0.012 χ^2/NDF : 60944.8/40

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -59.154 ± 0.274 χ^2/NDF : 42844.1/4

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -114.791 ± 0.336 χ^2/NDF : 13041.5/2

Left: -81.332 ± 0.212 χ^2/NDF : 72370.8/7

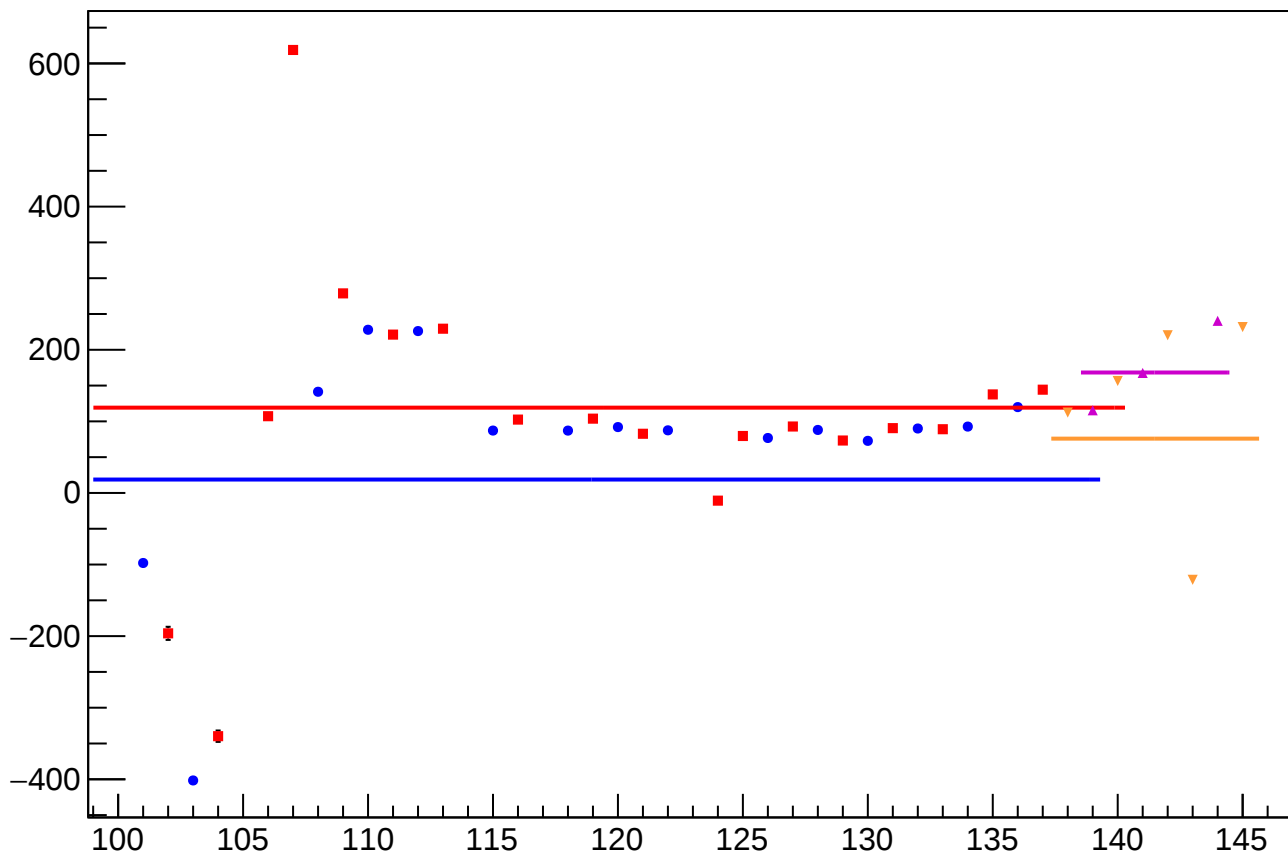
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -36.351 ± 0.139 χ^2/NDF : 520308.4/17

Out: -93.978 ± 0.012 χ^2/NDF : 146566.9/22

All: -93.524 ± 0.012 χ^2/NDF : 836528.6/40

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 75.873 ± 0.272 $\chi^2/\text{NDF}: 159900.2/4$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 168.260 ± 0.338 $\chi^2/\text{NDF}: 13826.6/2$

Left: 112.166 ± 0.212 $\chi^2/\text{NDF}: 219170.4/7$

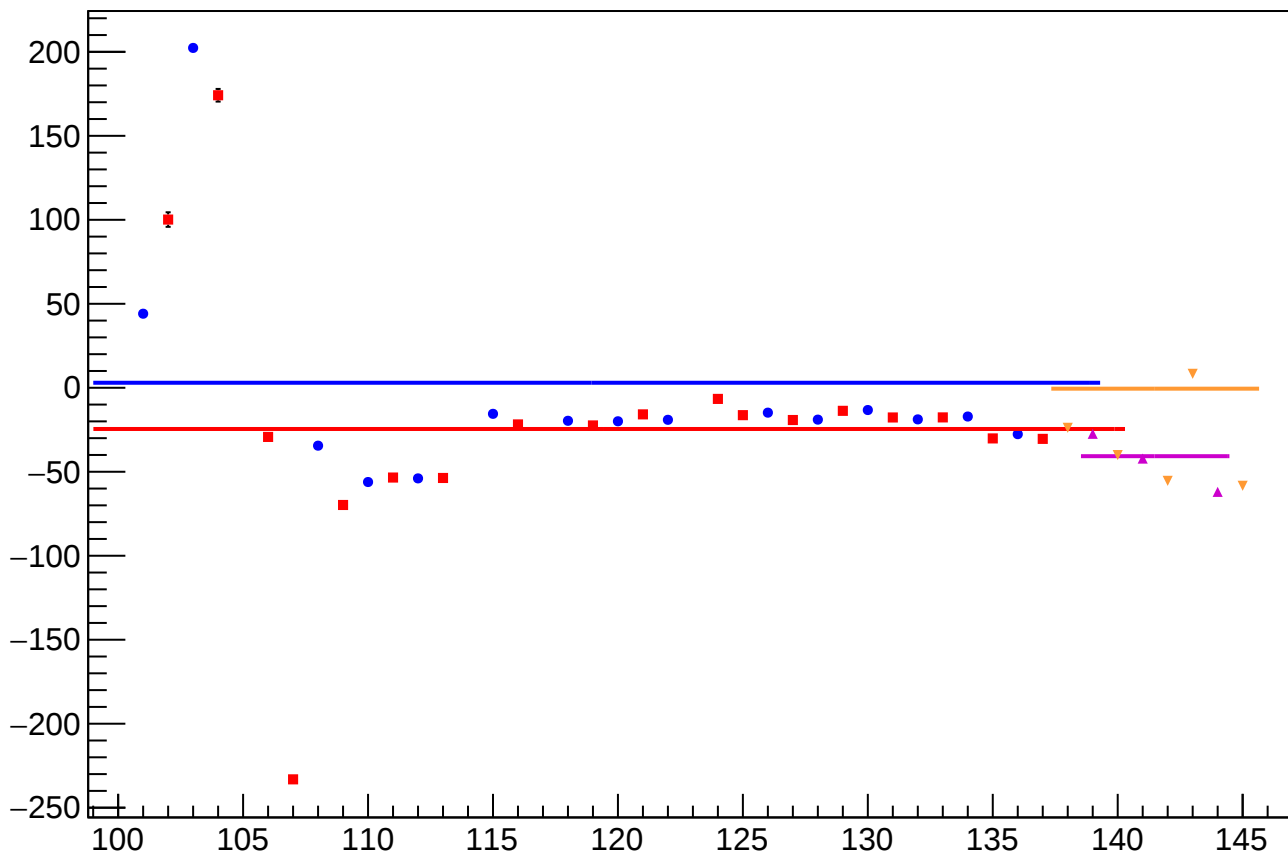
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 43.943 ± 0.139 $\chi^2/\text{NDF}: 1278634.0/17$

Out: 104.021 ± 0.161 $\chi^2/\text{NDF}: 263866.9/22$

All: 69.590 ± 0.105 $\chi^2/\text{NDF}: 1622639.0/40$

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: -40.726 ± 0.064 χ^2/NDF : 17017.4/2

Left: -9.317 ± 0.030 χ^2/NDF : 590557.5/7

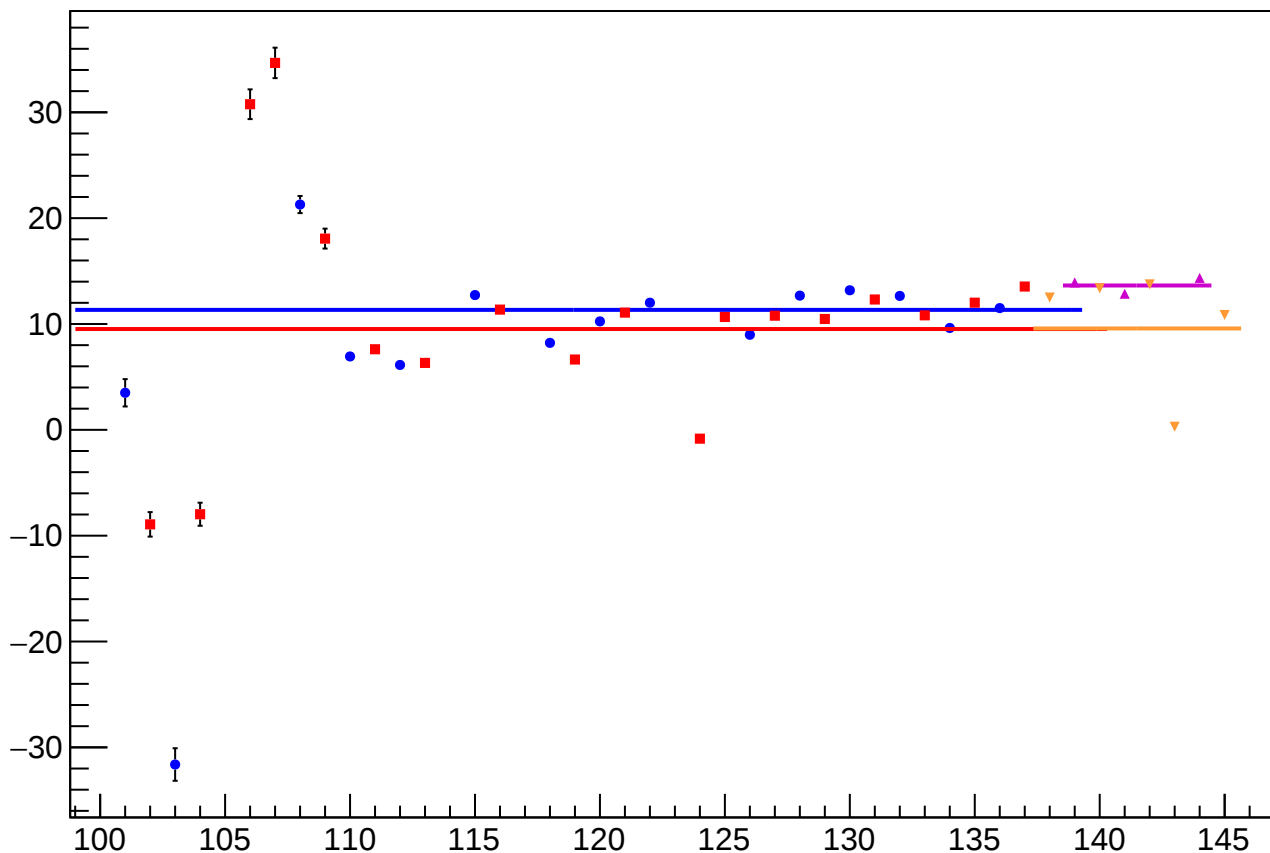
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -3.600 ± 0.025 χ^2/NDF : 3912356.8/17

Out: -9.517 ± 0.027 χ^2/NDF : 629342.8/22

All: -6.339 ± 0.018 χ^2/NDF : 4568099.1/40

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: 13.639+/-0.051 χ^2/NDF :140.9/2

Left: 10.958+/-0.030 χ^2/NDF : 27669.1/7

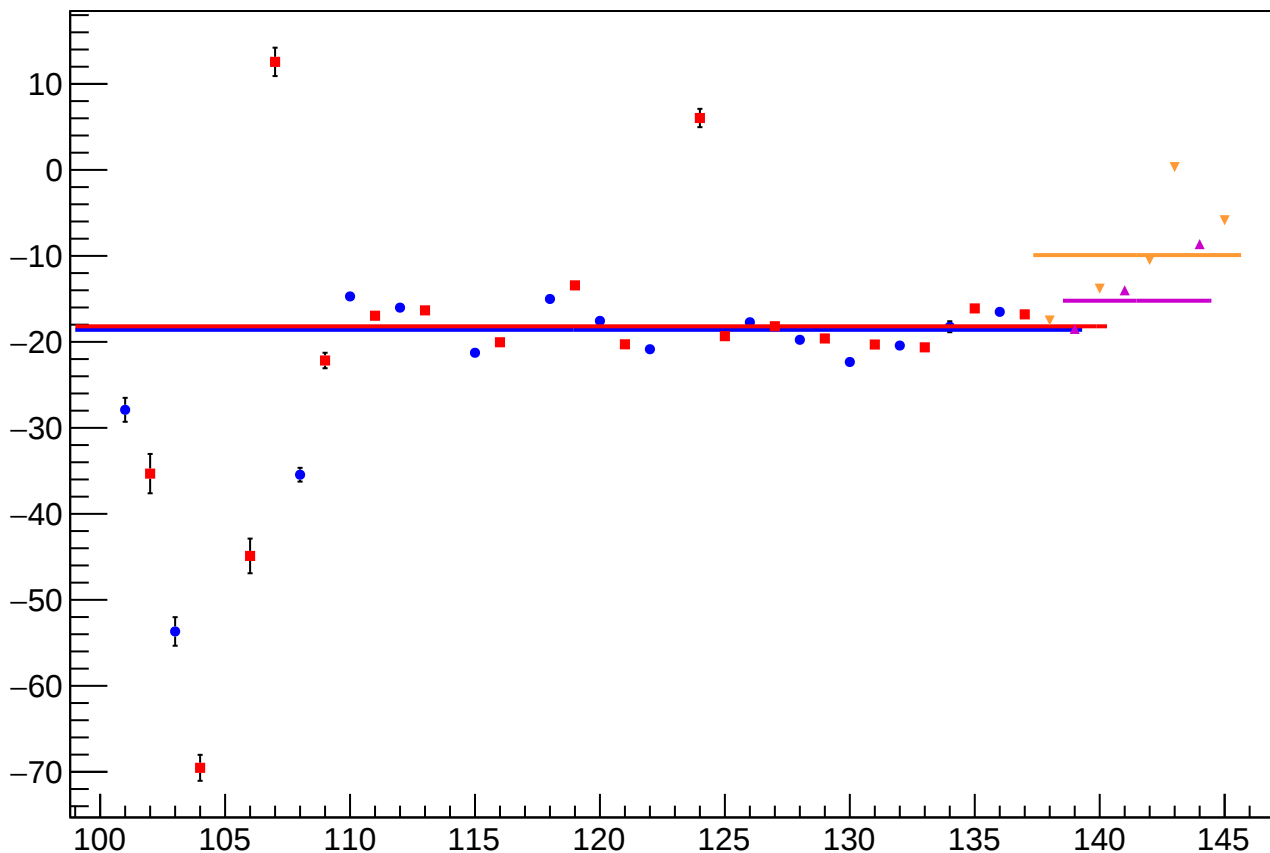
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 12.142+/-0.030 χ^2/NDF :3879.7/17

Out: 9.559+/-0.029 χ^2/NDF :27393.3/22

All: 10.804+/-0.021 χ^2/NDF : 35081.3/40

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: -15.214 ± 0.074 $\chi^2/\text{NDF}: 2589.5/2$

Left: -11.588 ± 0.042 $\chi^2/\text{NDF}: 22210.2/7$

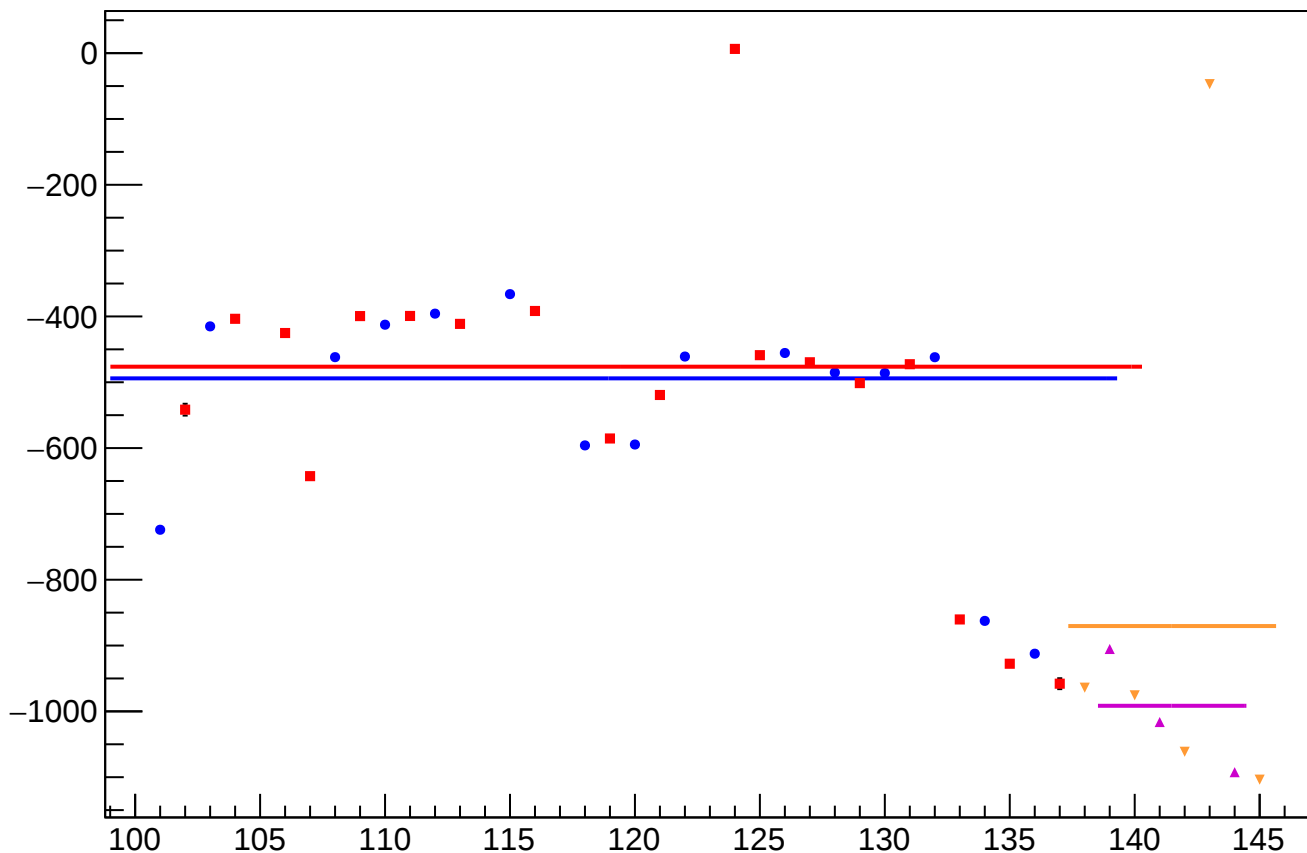
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -17.917 ± 0.033 $\chi^2/\text{NDF}: 10442.6/17$

Out: -14.132 ± 0.035 $\chi^2/\text{NDF}: 34740.2/22$

All: -16.140 ± 0.024 $\chi^2/\text{NDF}: 51275.7/40$

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: -991.516 ± 0.643 $\chi^2/\text{NDF}: 13049.6/2$

Left: -931.426 ± 0.456 $\chi^2/\text{NDF}: 314312.0/7$

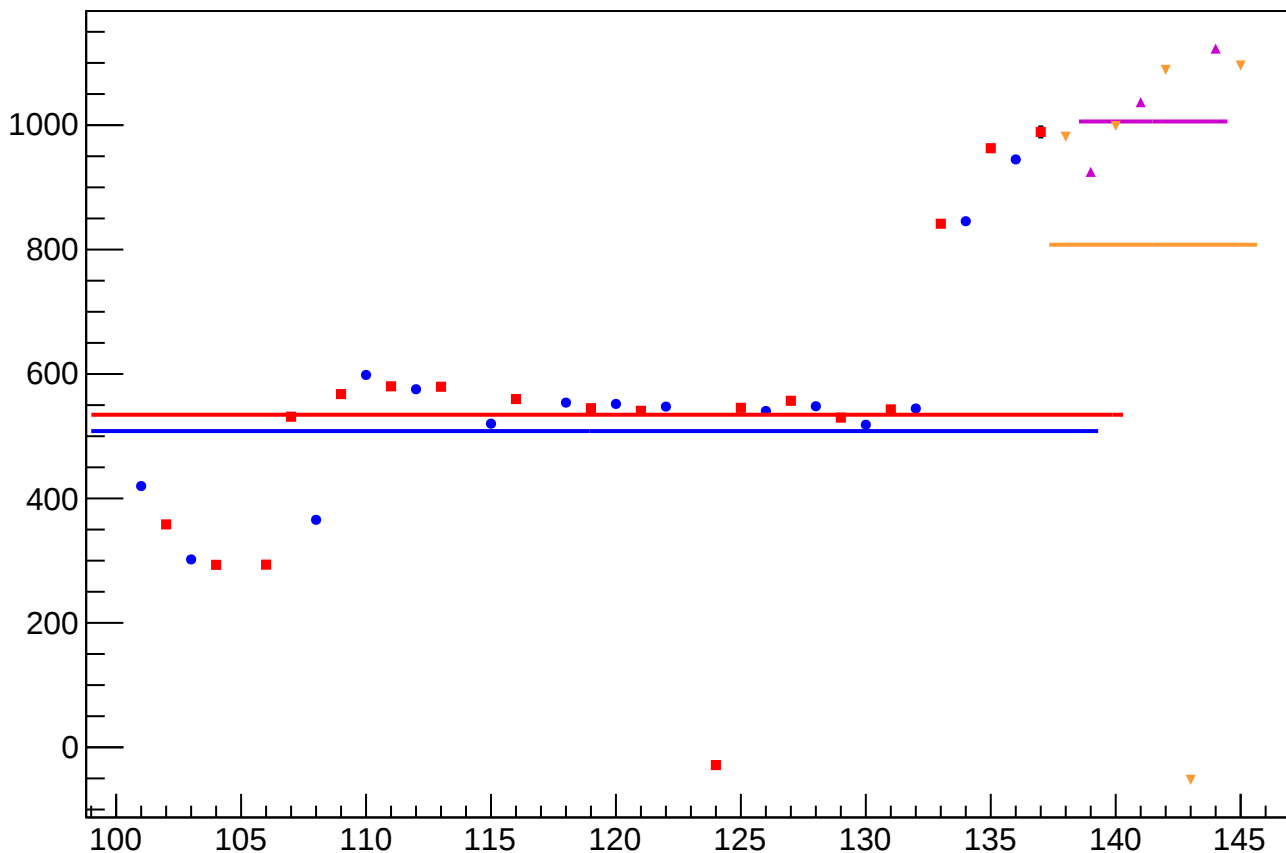
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -551.417 ± 0.218 $\chi^2/\text{NDF}: 868494.7/17$

Out: -506.073 ± 0.178 $\chi^2/\text{NDF}: 1219528.6/22$

All: -524.181 ± 0.138 $\chi^2/\text{NDF}: 2113935.8/40$

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: 1005.892 $\pm$ 0.617 χ^2 /NDF: 14260.5/2

Left: 915.554 $\pm$ 0.455 χ^2 /NDF: 462334.3/7

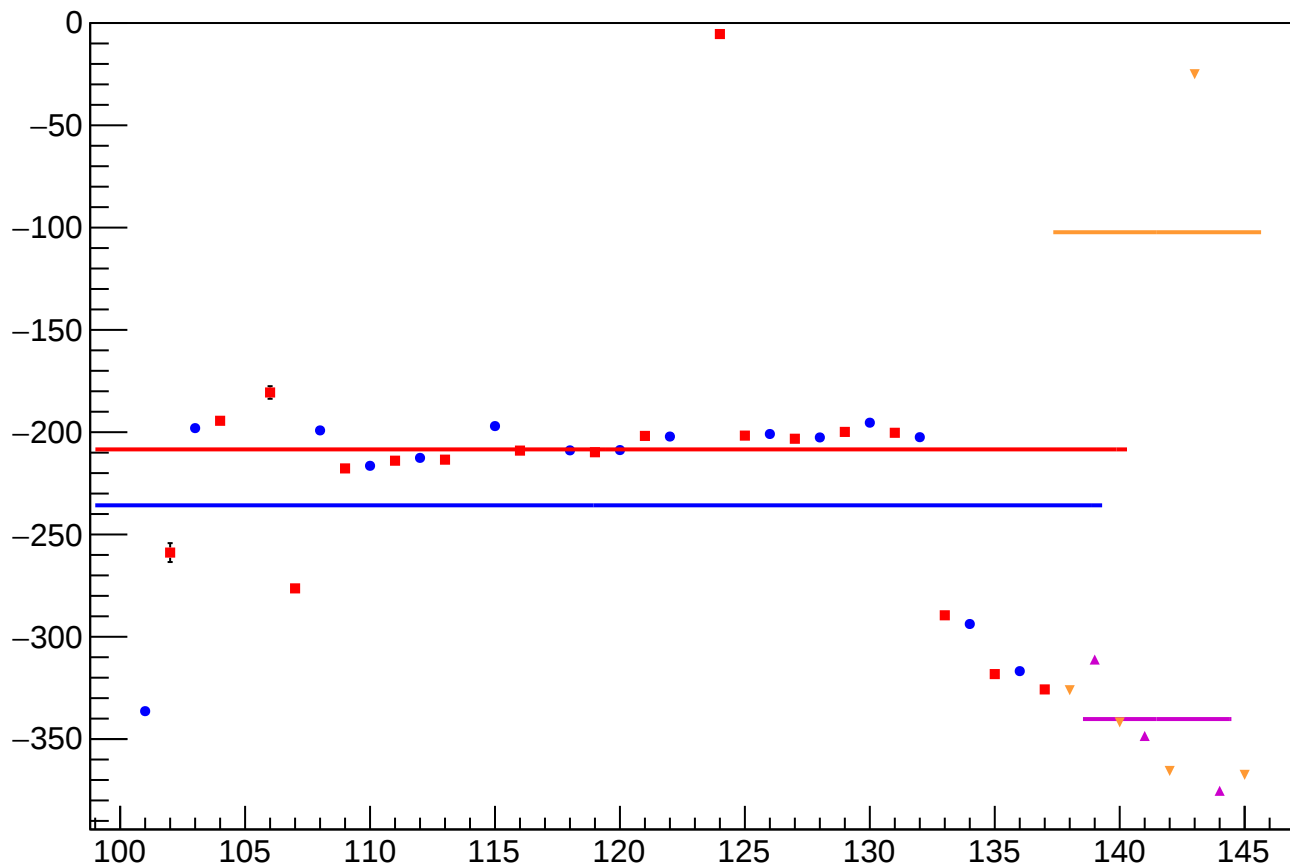
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 565.216 $\pm$ 0.209 χ^2 /NDF: 1030480.8/17

Out: 560.287 $\pm$ 0.207 χ^2 /NDF: 918490.8/22

All: 562.729 $\pm$ 0.147 χ^2 /NDF: 1949253.4/40

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -102.263+/-0.091 χ^2/NDF :2287305.9/4

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -340.218+/-0.105 χ^2/NDF :34769.6/2

Left: -203.642+/-0.069 χ^2/NDF : 5267240.8/7

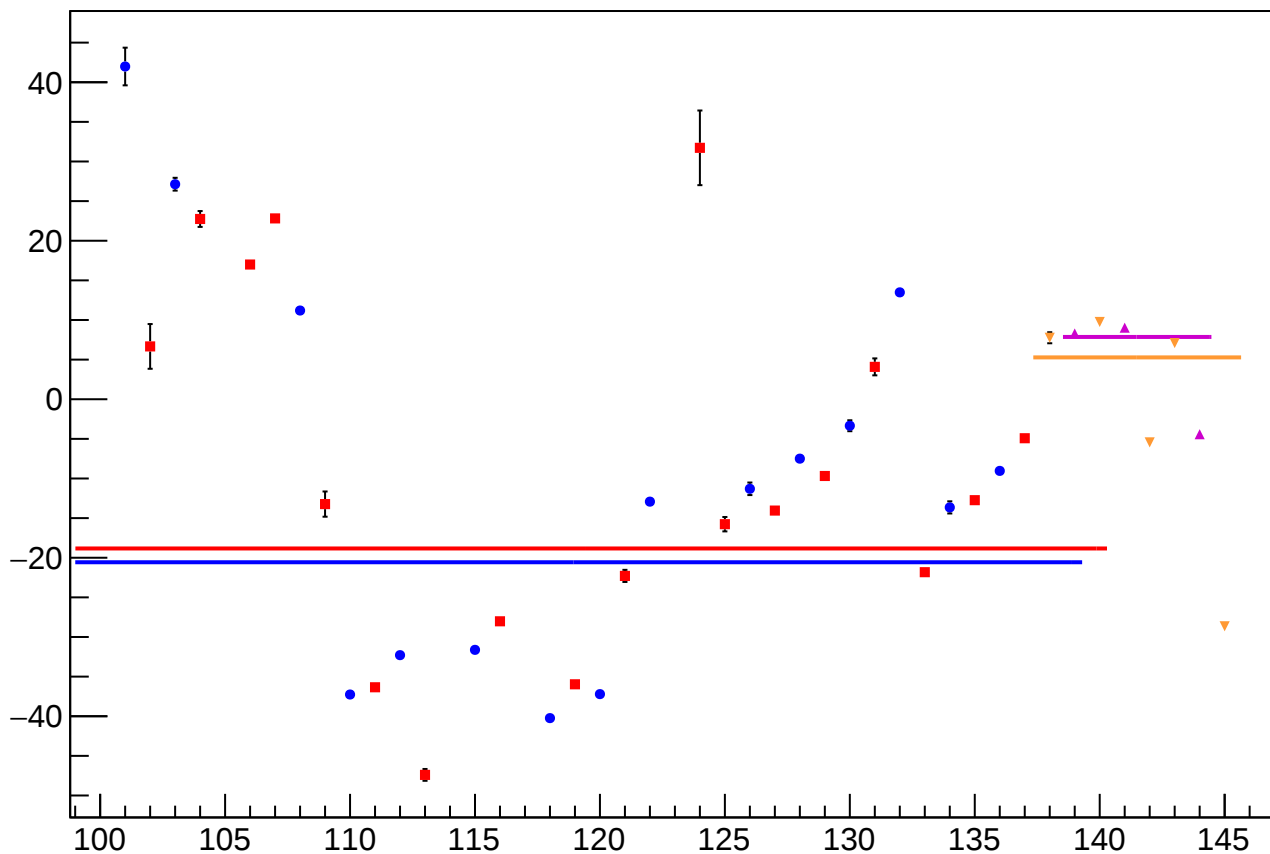
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -258.369+/-0.049 χ^2/NDF :1685886.3/17

Out: -186.058+/-0.042 χ^2/NDF :3748249.8/22

All: -216.375+/-0.032 χ^2/NDF : 6705045.9/40

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: 7.861 ± 0.091 χ^2/NDF : 1521.0/2

Left: 6.748 ± 0.069 χ^2/NDF : 8166.4/7

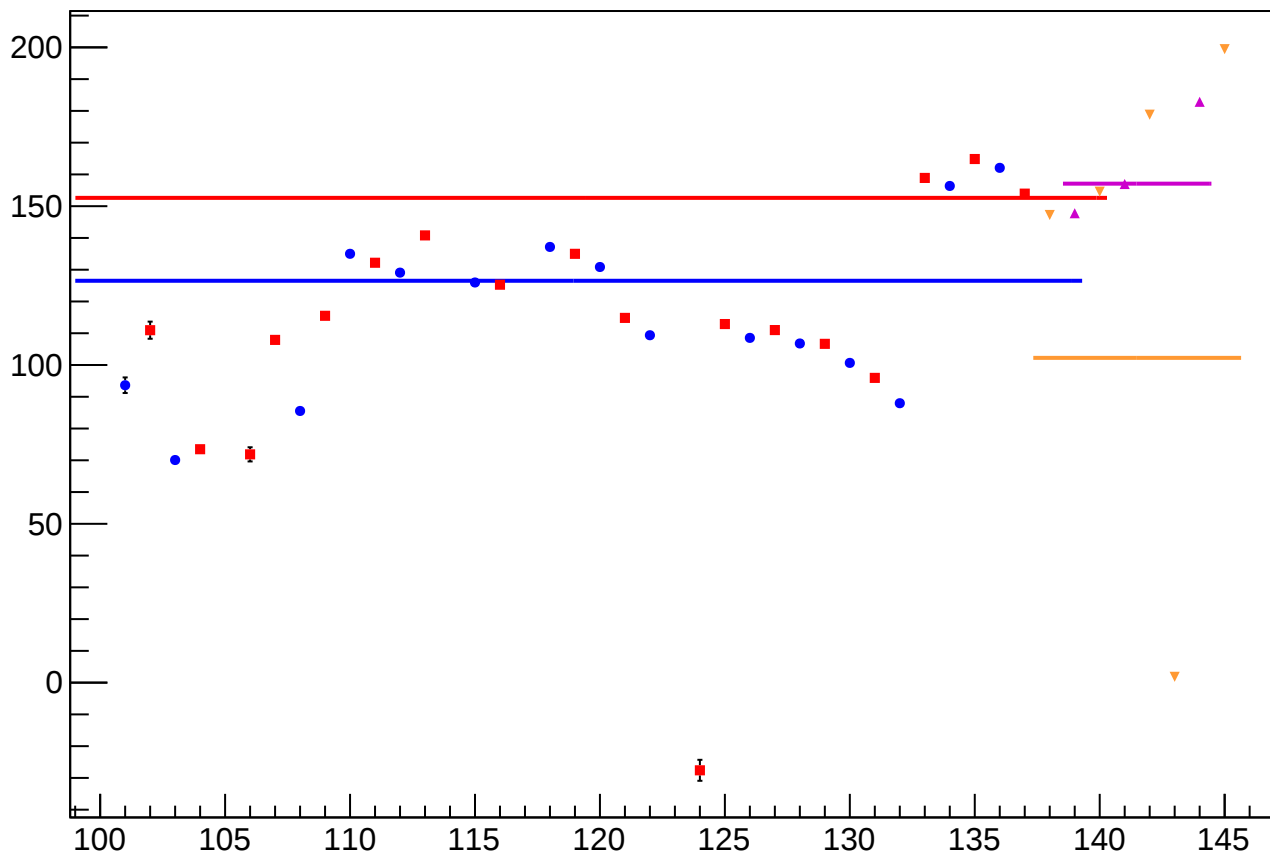
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -9.741 ± 0.056 χ^2/NDF : 125419.3/17

Out: -6.372 ± 0.075 χ^2/NDF : 52904.2/22

All: -8.533 ± 0.045 χ^2/NDF : 179614.9/40

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: 157.092 $\pm$ 0.118 χ^2/NDF :6069.8/2

Left: 134.651 $\pm$ 0.091 χ^2/NDF : 417318.6/7

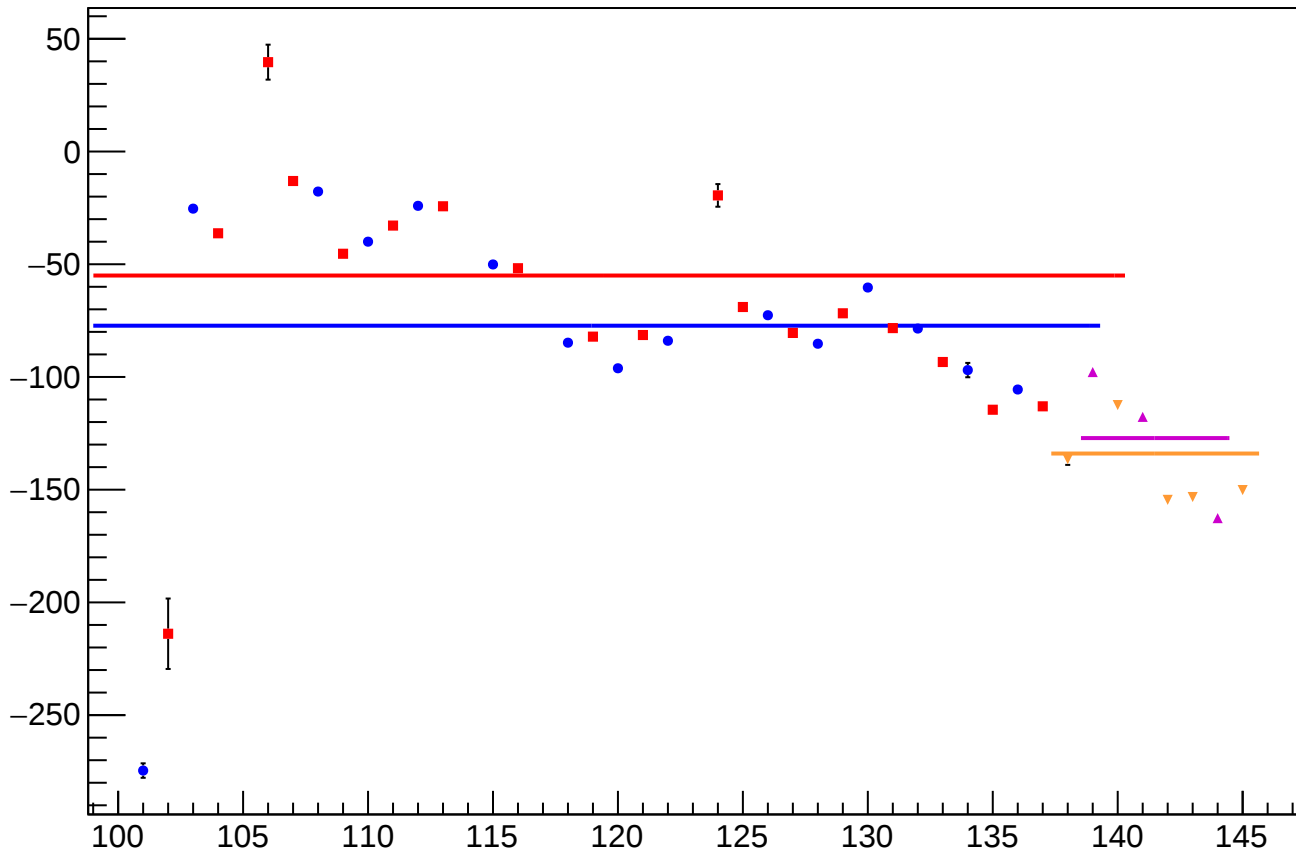
Right: 149.605 $\pm$ 0.029 χ^2/NDF : 274404.9/32

In: 136.818 $\pm$ 0.068 χ^2/NDF :165673.8/17

Out: 150.407 $\pm$ 0.030 χ^2/NDF :517623.6/22

All: 148.254 $\pm$ 0.027 χ^2/NDF : 716516.1/40

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: -127.109 ± 0.250 χ^2/NDF : 7678.9/2

Left: -130.182 ± 0.186 χ^2/NDF : 13361.4/7

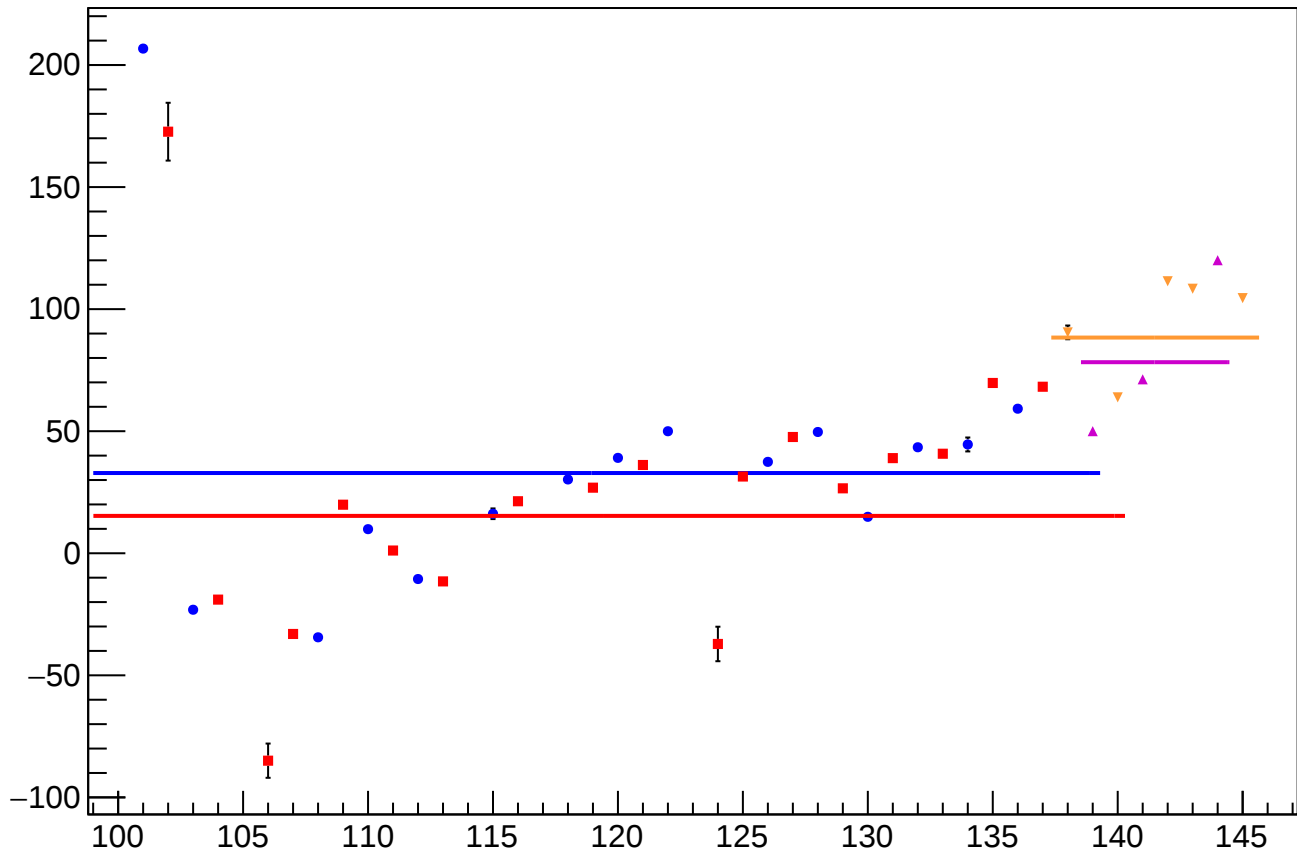
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -89.982 ± 0.126 χ^2/NDF : 67600.6/17

Out: -80.247 ± 0.157 χ^2/NDF : 84032.4/22

All: -86.152 ± 0.098 χ^2/NDF : 153966.9/40

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 88.357 $\pm$ 0.275 χ^2/NDF : 6647.3/4

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 78.268 $\pm$ 0.241 χ^2/NDF : 8309.9/2

Left: 82.650 $\pm$ 0.181 χ^2/NDF : 15716.4/7

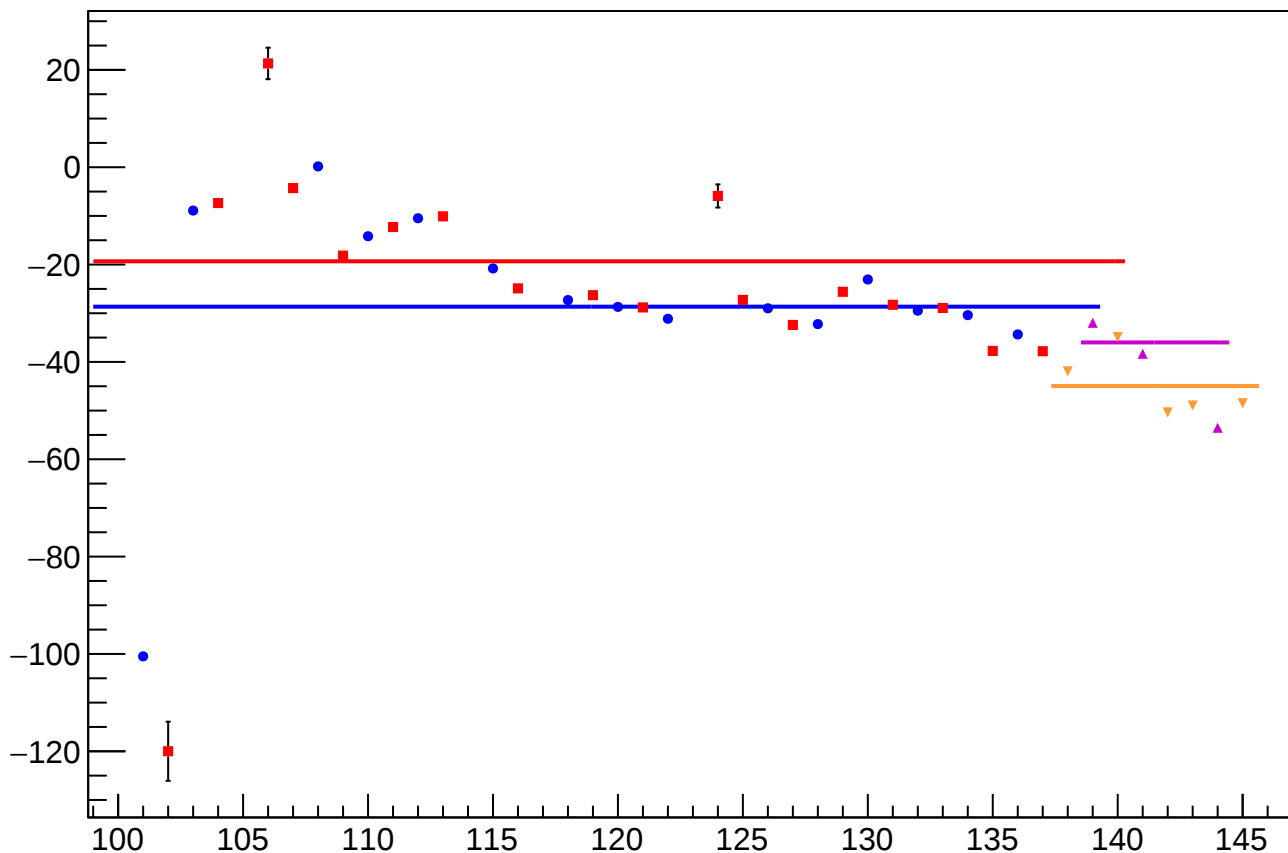
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 45.038 $\pm$ 0.125 χ^2/NDF : 65618.5/17

Out: 42.115 $\pm$ 0.167 χ^2/NDF : 67935.2/22

All: 43.988 $\pm$ 0.100 χ^2/NDF : 133750.5/40

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: -35.995 ± 0.044 $\chi^2/\text{NDF}: 16992.9/2$

Left: -38.987 ± 0.036 $\chi^2/\text{NDF}: 42105.2/7$

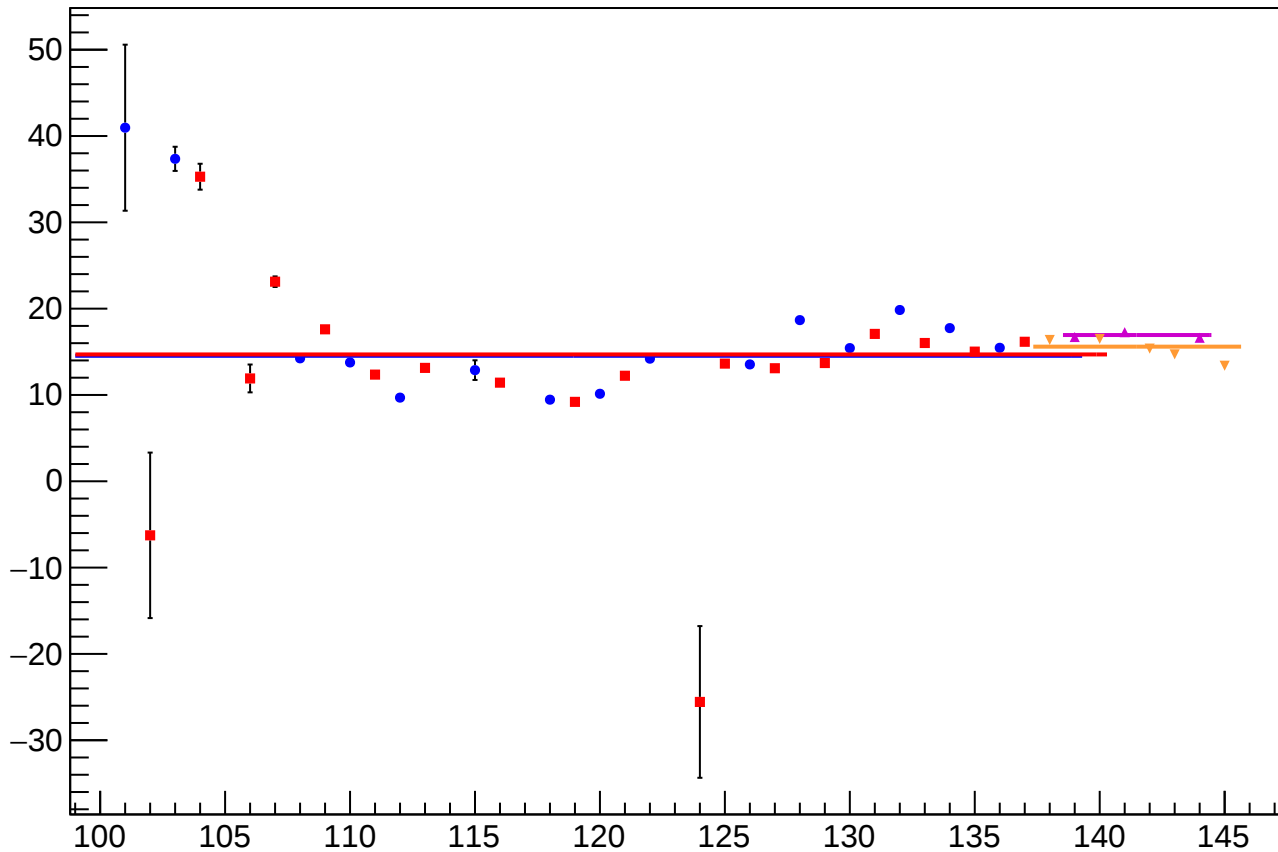
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -31.449 ± 0.027 $\chi^2/\text{NDF}: 147958.0/17$

Out: -26.749 ± 0.033 $\chi^2/\text{NDF}: 190458.0/22$

All: -29.579 ± 0.021 $\chi^2/\text{NDF}: 350508.1/40$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.597 $\pm$ 0.035 χ^2 /NDF: 930.3/4

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 16.944 $\pm$ 0.041 χ^2 /NDF: 54.3/2

Left: 16.167 $\pm$ 0.027 χ^2 /NDF: 1596.4/7

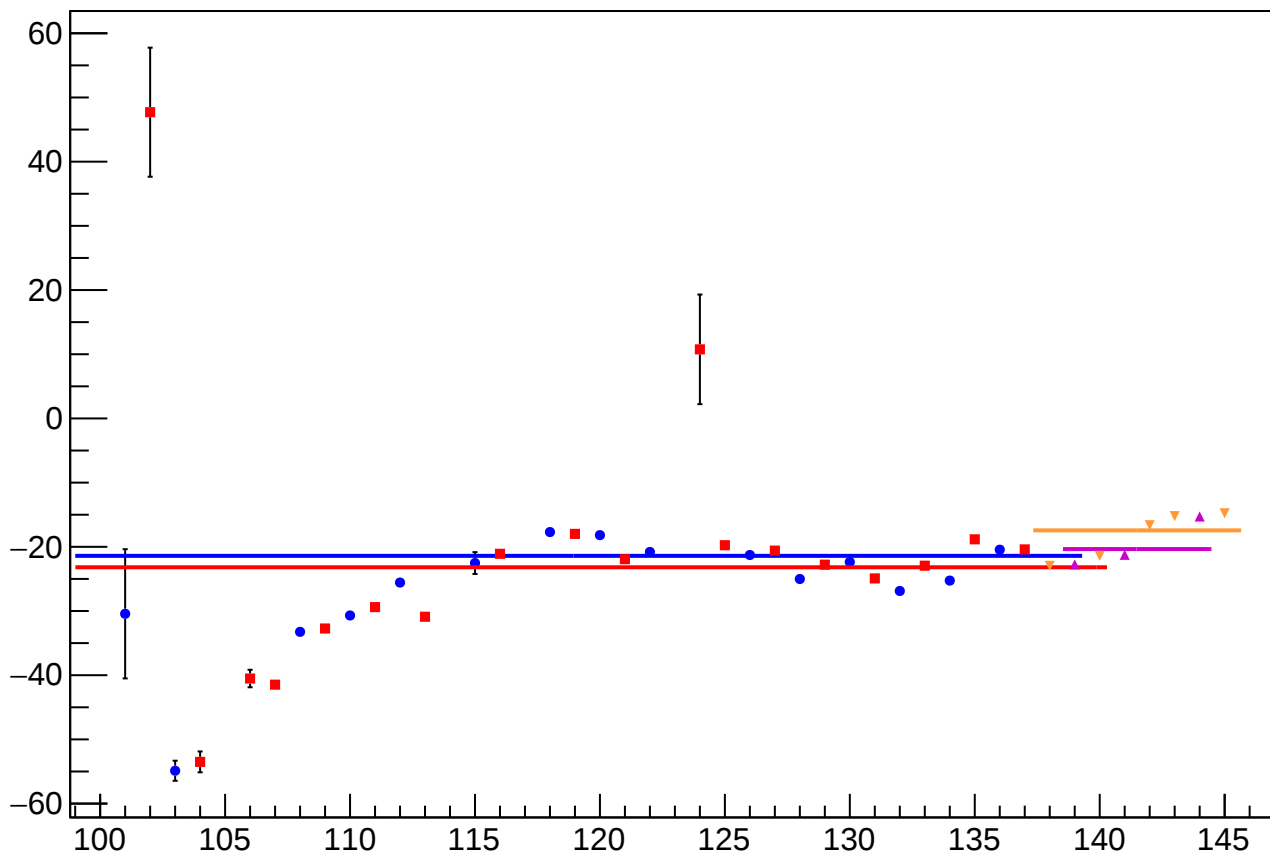
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.361 $\pm$ 0.024 χ^2 /NDF: 14352.2/17

Out: 15.238 $\pm$ 0.027 χ^2 /NDF: 2822.1/22

All: 15.307 $\pm$ 0.018 χ^2 /NDF: 17185.6/40

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -17.436 ± 0.042 $\chi^2/\text{NDF}: 5039.0/4$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -20.350 ± 0.065 $\chi^2/\text{NDF}: 2247.3/2$

Left: -18.291 ± 0.035 $\chi^2/\text{NDF}: 8699.0/7$

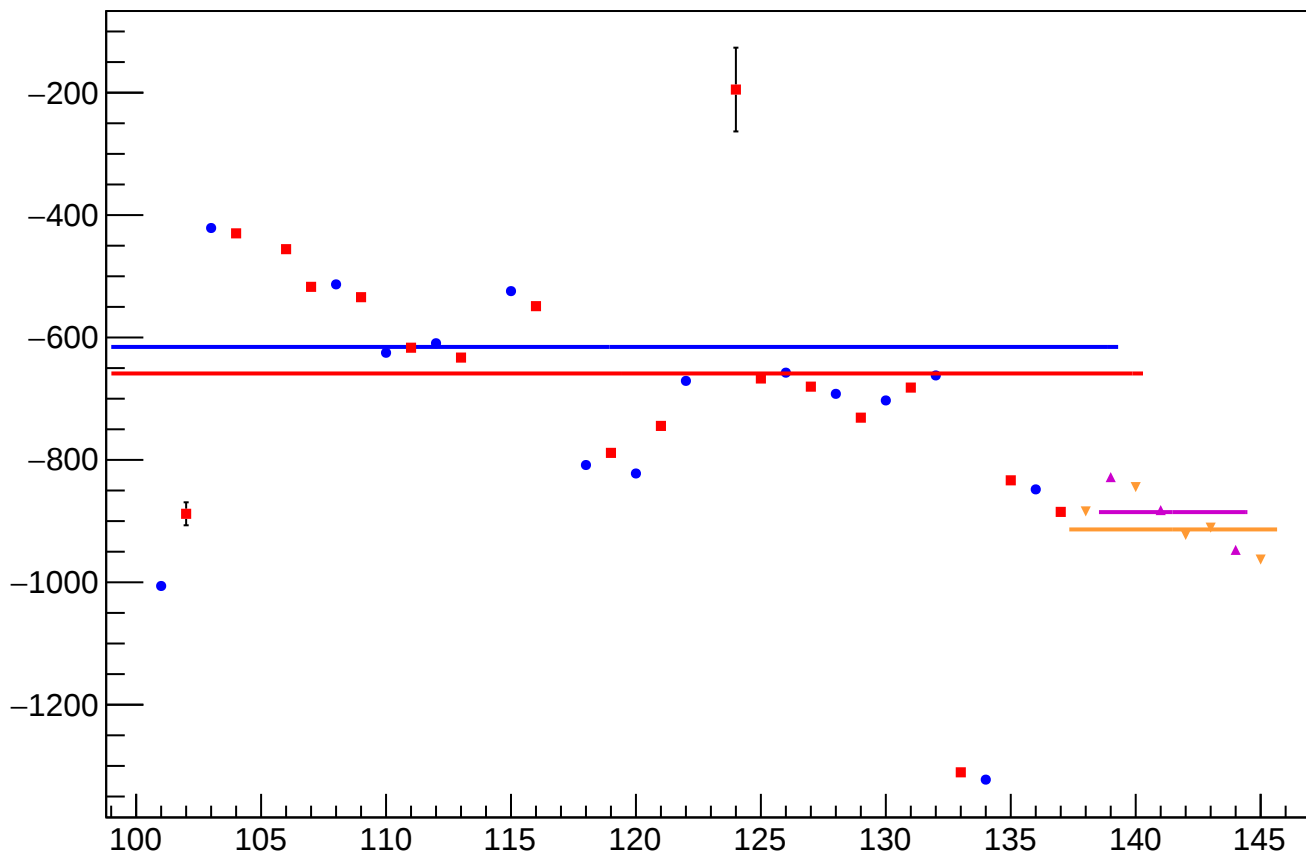
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -21.164 ± 0.031 $\chi^2/\text{NDF}: 12136.5/17$

Out: -19.754 ± 0.032 $\chi^2/\text{NDF}: 21722.0/22$

All: -20.486 ± 0.022 $\chi^2/\text{NDF}: 34839.3/40$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -913.614 ± 0.509 $\chi^2/\text{NDF}: 6247.4/4$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -885.303 ± 0.525 $\chi^2/\text{NDF}: 7876.1/2$

Left: -899.909 ± 0.366 $\chi^2/\text{NDF}: 15621.4/7$

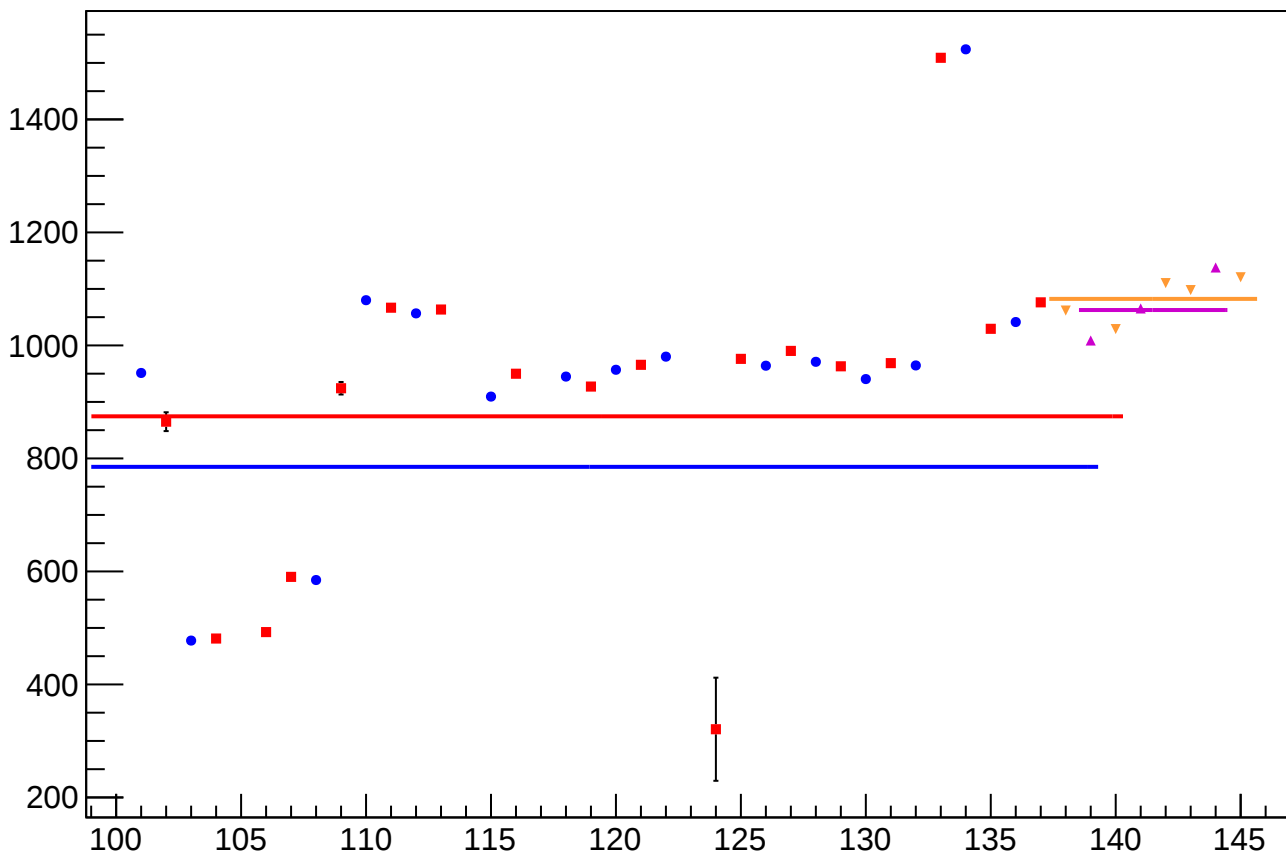
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -661.237 ± 0.216 $\chi^2/\text{NDF}: 609732.1/17$

Out: -710.334 ± 0.229 $\chi^2/\text{NDF}: 591478.8/22$

All: -684.418 ± 0.157 $\chi^2/\text{NDF}: 1225492.7/40$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 1082.364+/-0.582 χ^2/NDF :3386.3/4

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 1062.654+/-0.503 χ^2/NDF :9847.7/2

Left: 1071.086+/-0.380 χ^2/NDF : 13890.9/7

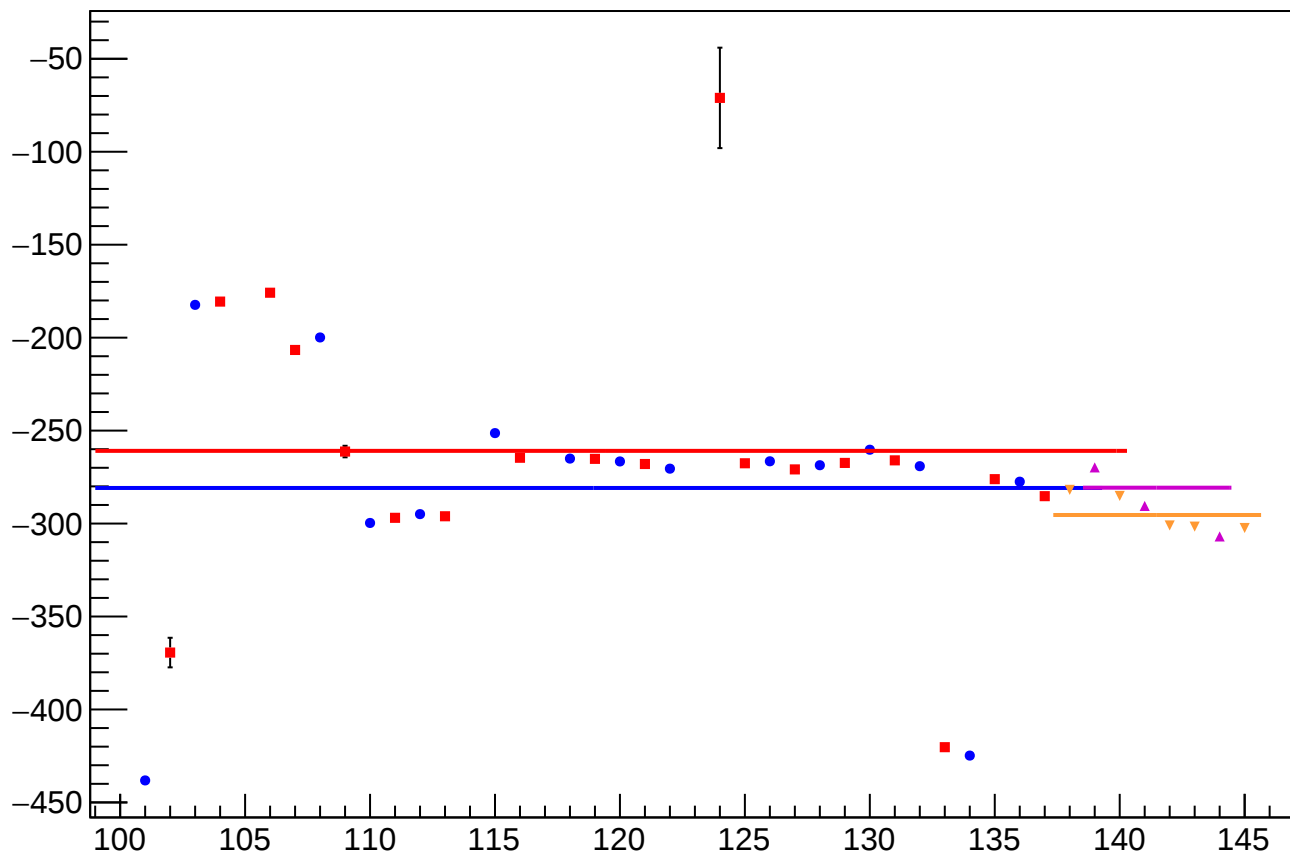
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 832.415+/-0.208 χ^2/NDF :1148562.8/17

Out: 909.404+/-0.238 χ^2/NDF :952190.2/22

All: 865.646+/-0.157 χ^2/NDF : 2160064.9/40

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: -280.708+/-0.065 χ^2/NDF : 38165.7/2

Left: -284.673+/-0.055 χ^2/NDF : 57763.3/7

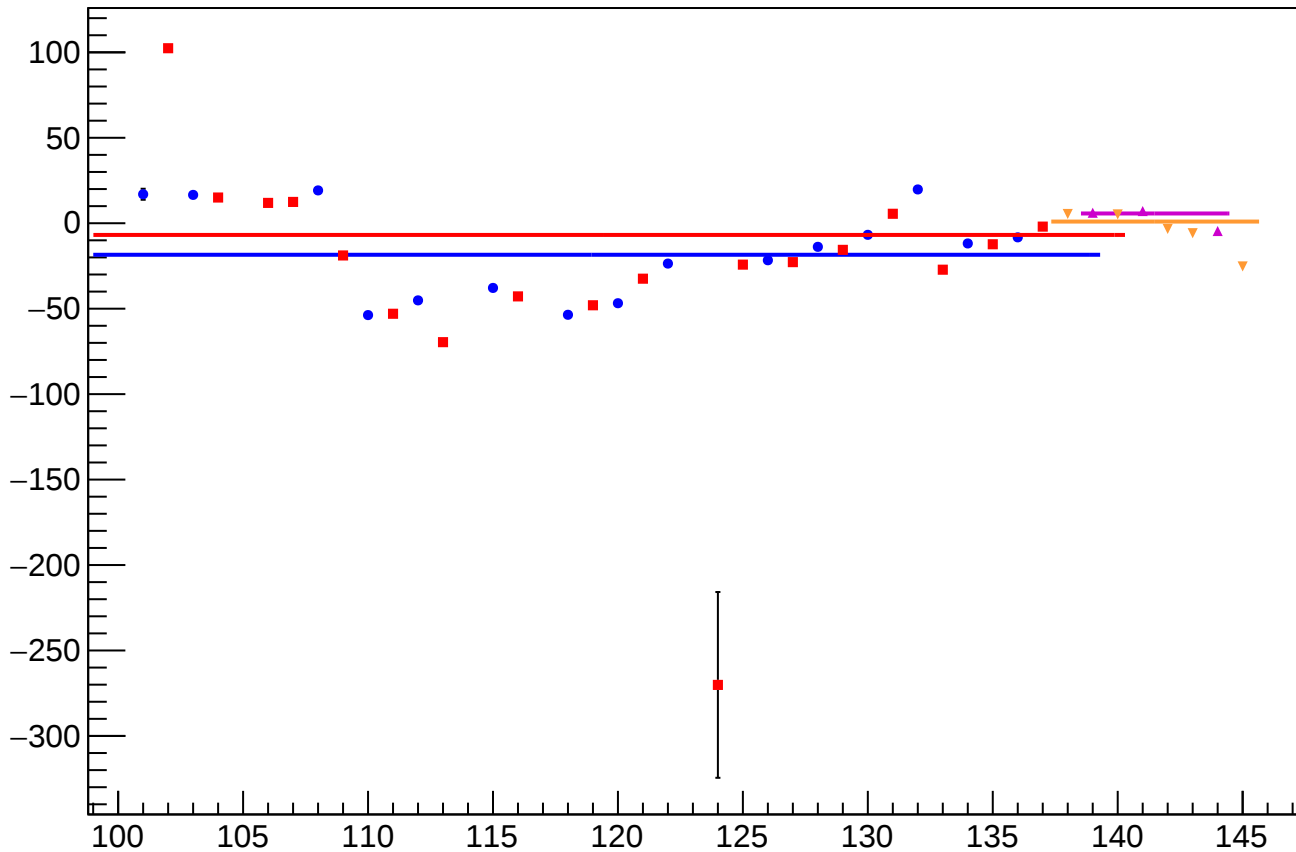
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -280.789+/-0.043 χ^2/NDF : 911779.7/17

Out: -270.808+/-0.057 χ^2/NDF : 428318.4/22

All: -277.128+/-0.035 χ^2/NDF : 1359493.3/40

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: 5.713 ± 0.088 $\chi^2/\text{NDF}: 1602.9/2$

Left: 3.607 ± 0.065 $\chi^2/\text{NDF}: 8315.4/7$

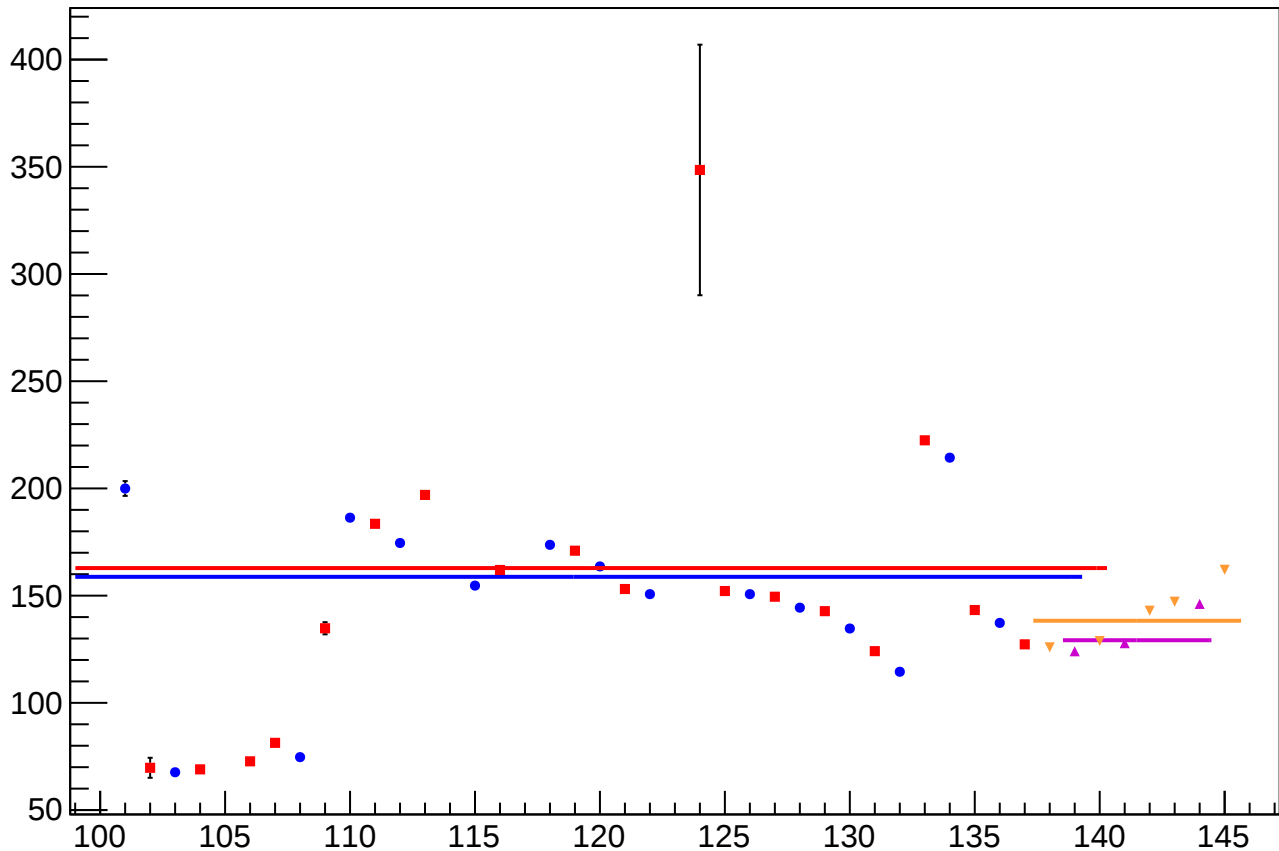
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.877 ± 0.063 $\chi^2/\text{NDF}: 84653.3/17$

Out: -4.472 ± 0.054 $\chi^2/\text{NDF}: 59884.9/22$

All: -5.064 ± 0.041 $\chi^2/\text{NDF}: 144824.3/40$

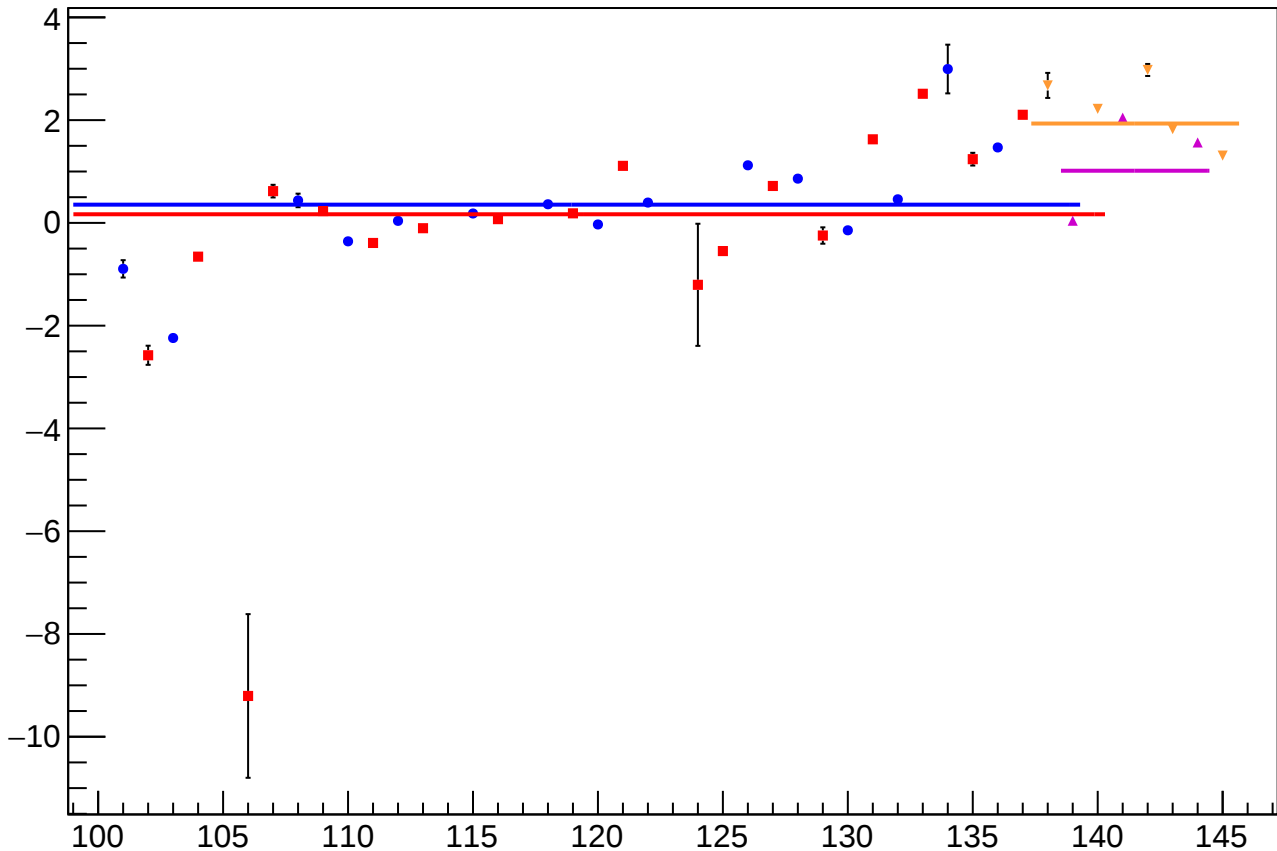
dit_atr2_4eY_slope vs Slug, Sign Corrected



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: 129.202 $\pm$ 0.100 χ^2/NDF :4288.4/2

Left: 133.042 $\pm$ 0.076 χ^2/NDF : 16105.5/7
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 145.747 $\pm$ 0.066 χ^2/NDF :212693.9/17
 Out: 153.251 $\pm$ 0.073 χ^2/NDF :191590.5/22
 All: 149.136 $\pm$ 0.049 χ^2/NDF : 410113.9/40

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.934 ± 0.028 χ^2/NDF : 244.0/4

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.015 ± 0.019 χ^2/NDF : 2016.1/2

Left: 1.311 ± 0.016 χ^2/NDF : 2981.5/7

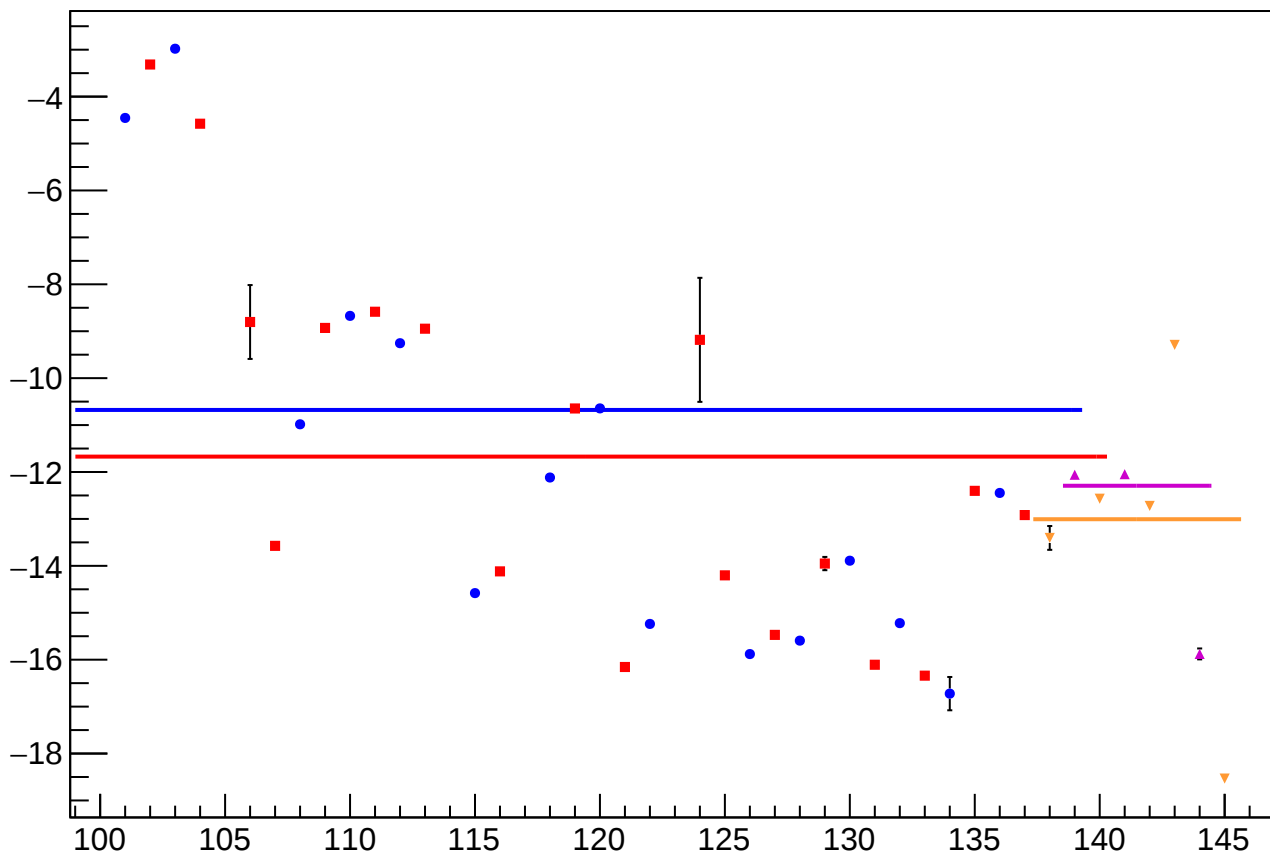
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.532 ± 0.010 χ^2/NDF : 6874.9/17

Out: 0.289 ± 0.007 χ^2/NDF : 8492.9/22

All: 0.374 ± 0.006 χ^2/NDF : 15749.0/40

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: -12.293 ± 0.029 $\chi^2/\text{NDF}: 1014.9/2$

Left: -12.732 ± 0.018 $\chi^2/\text{NDF}: 22703.5/7$

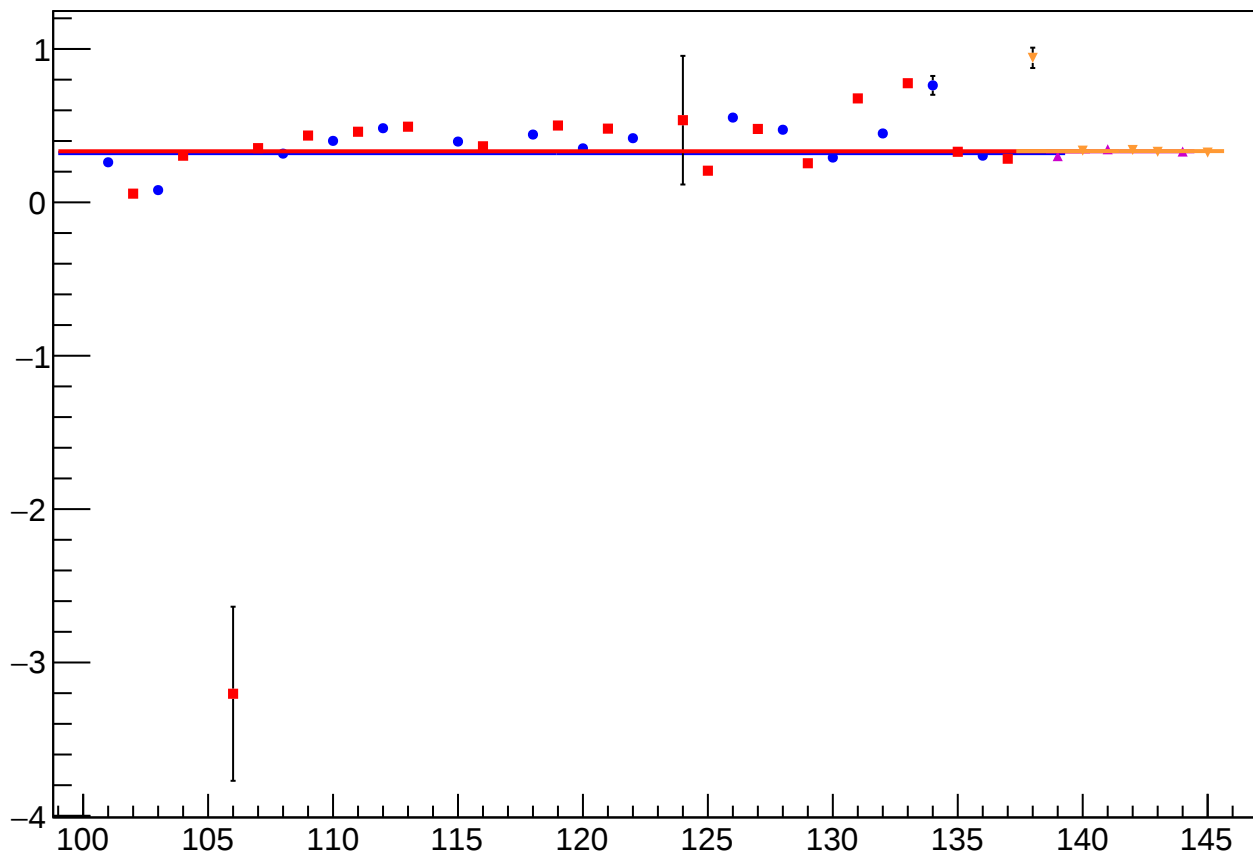
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.853 ± 0.010 $\chi^2/\text{NDF}: 230493.4/17$

Out: -11.940 ± 0.010 $\chi^2/\text{NDF}: 131807.2/22$

All: -11.358 ± 0.007 $\chi^2/\text{NDF}: 368127.7/40$

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:261.8/2

Left: 0.334 $\pm$ 0.000 χ^2 /NDF: 434.5/7

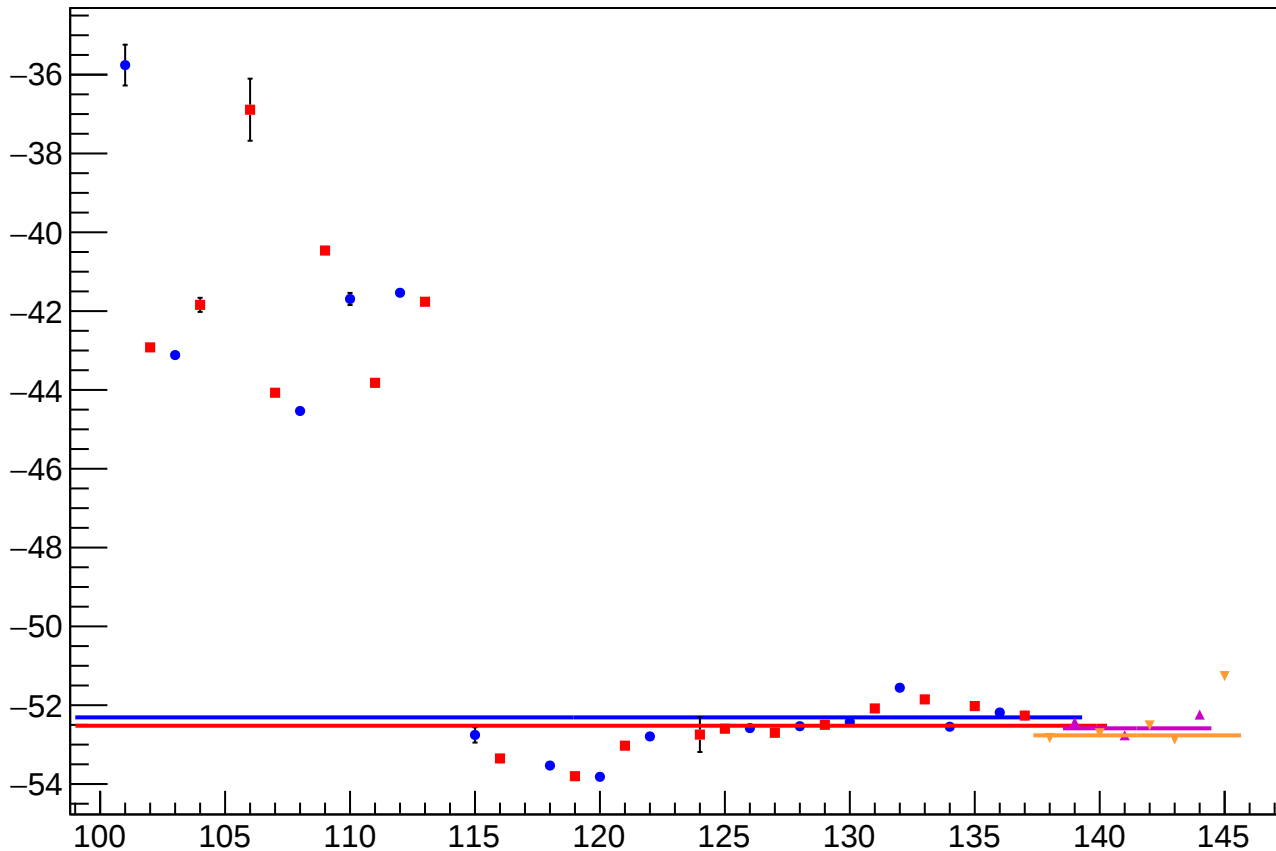
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:4375.2/17

Out: 0.334 $\pm$ 0.001 χ^2 /NDF:4341.3/22

All: 0.331 $\pm$ 0.000 χ^2 /NDF: 8766.7/40

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -52.765 ± 0.006 χ^2/NDF : 1953.0/4

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -52.586 ± 0.006 χ^2/NDF : 1017.5/2

Left: -52.688 ± 0.004 χ^2/NDF : 3420.7/7

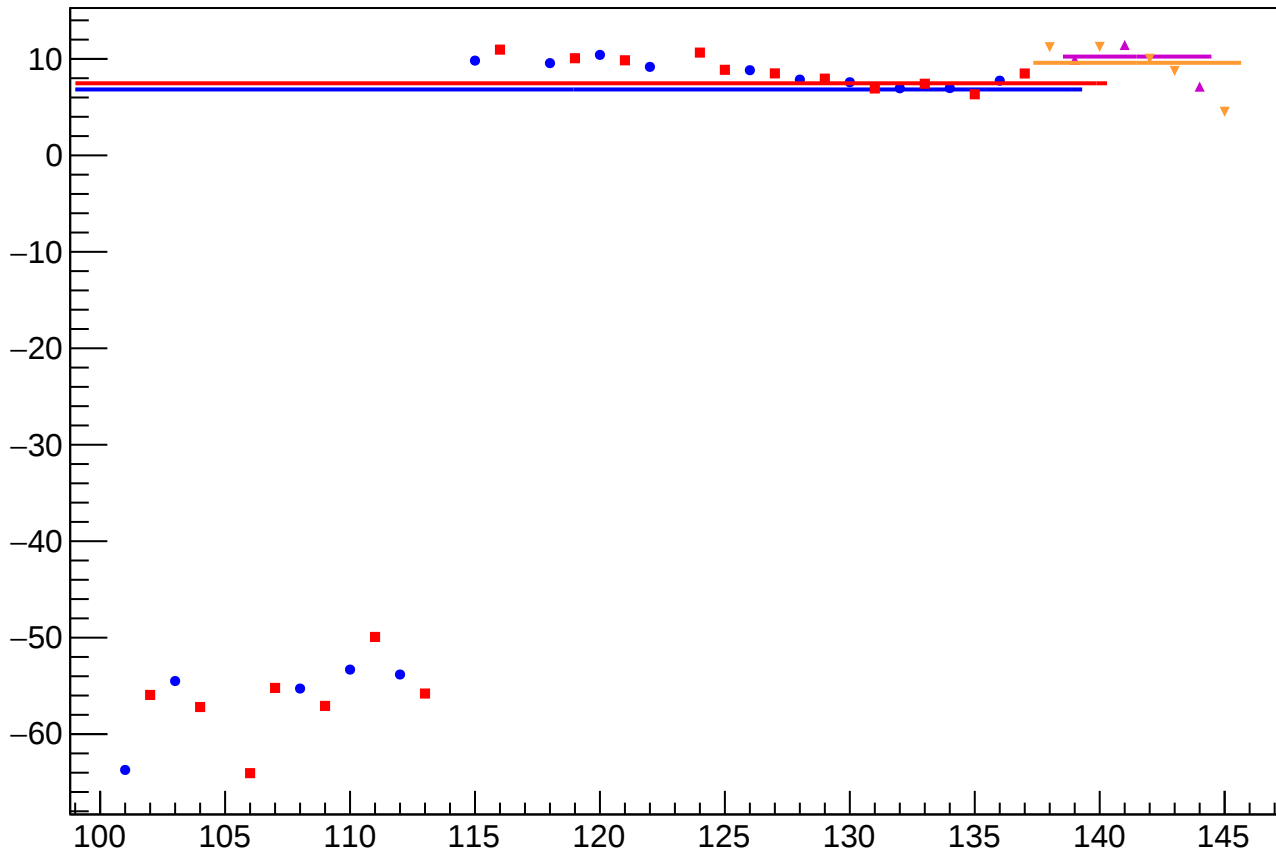
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -52.399 ± 0.004 χ^2/NDF : 55755.3/17

Out: -52.621 ± 0.004 χ^2/NDF : 79724.0/22

All: -52.513 ± 0.003 χ^2/NDF : 137398.9/40

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: 10.242 $\pm$ 0.018 χ^2 /NDF:2942.7/2

Left: 9.804 $\pm$ 0.010 χ^2 /NDF: 32001.0/7

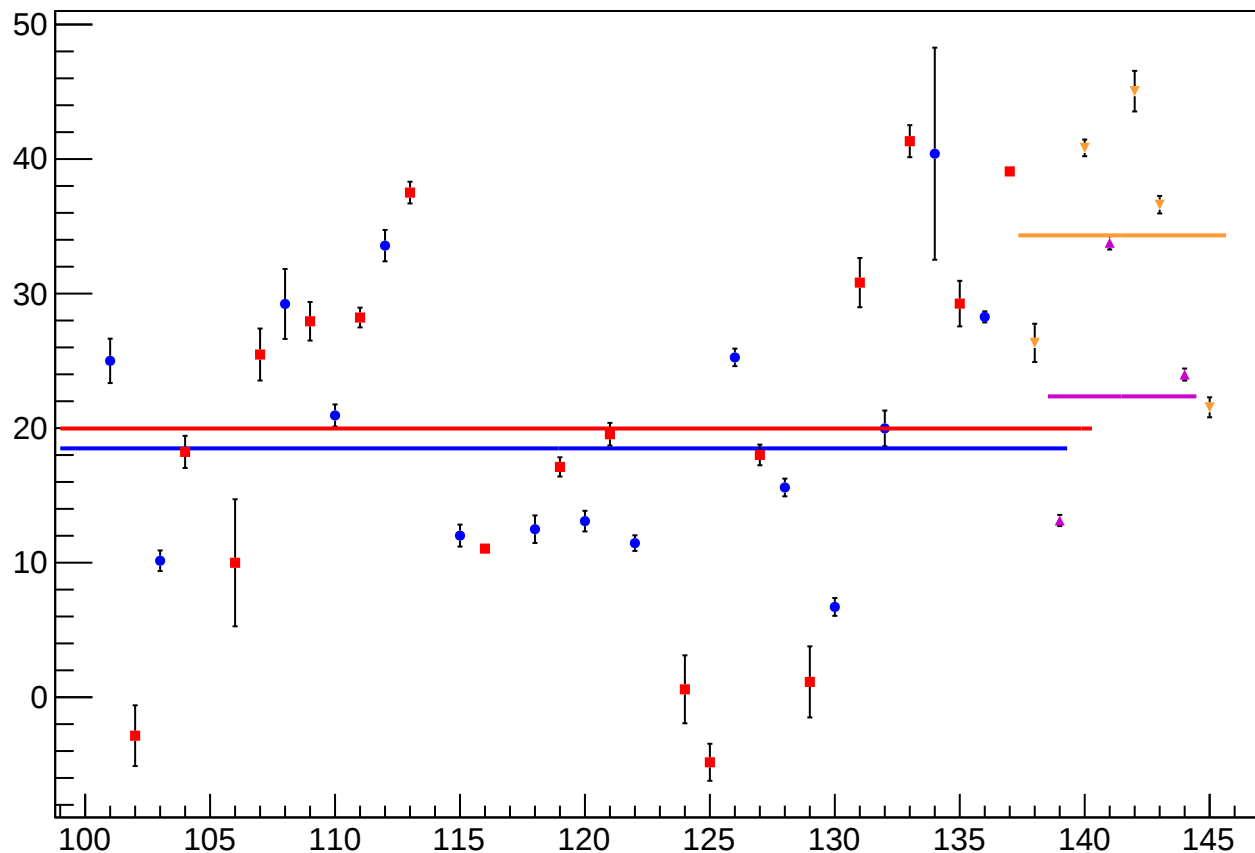
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.080 $\pm$ 0.005 χ^2 /NDF:1026314.1/17

Out: 8.232 $\pm$ 0.007 χ^2 /NDF:1242334.7/22

All: 7.426 $\pm$ 0.004 χ^2 /NDF: 2285371.1/40

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: 22.359 $\pm$ 0.259 χ^2 /NDF:1028.8/2

Left: 26.446 $\pm$ 0.210 χ^2 /NDF: 2256.2/7

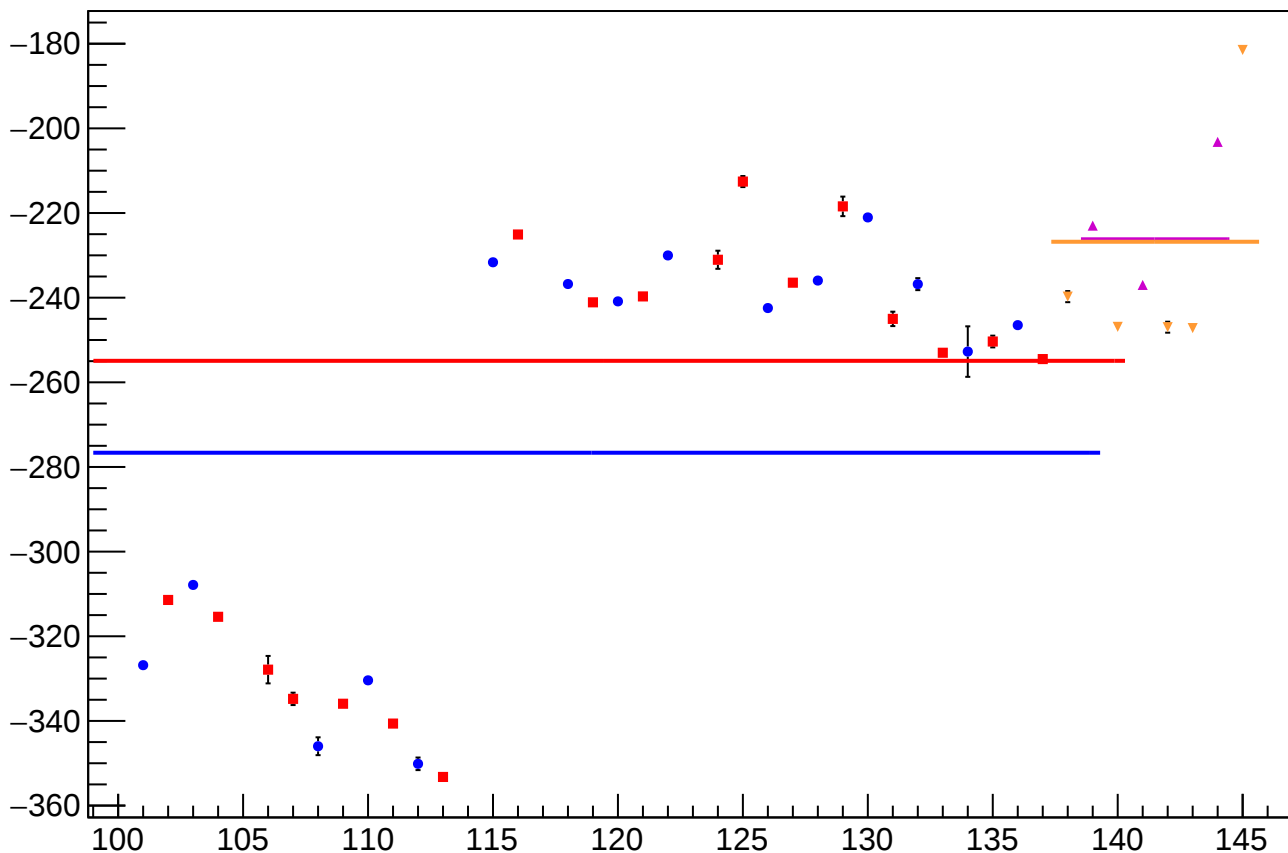
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 19.938 $\pm$ 0.158 χ^2 /NDF:2804.7/17

Out: 21.633 $\pm$ 0.122 χ^2 /NDF:11106.5/22

All: 20.999 $\pm$ 0.097 χ^2 /NDF: 13982.9/40

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -226.789 $\pm$ 0.297 χ^2 /NDF:10182.2/4

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -226.209 $\pm$ 0.256 χ^2 /NDF:1679.7/2

Left: -226.456 $\pm$ 0.194 χ^2 /NDF: 11864.0/7

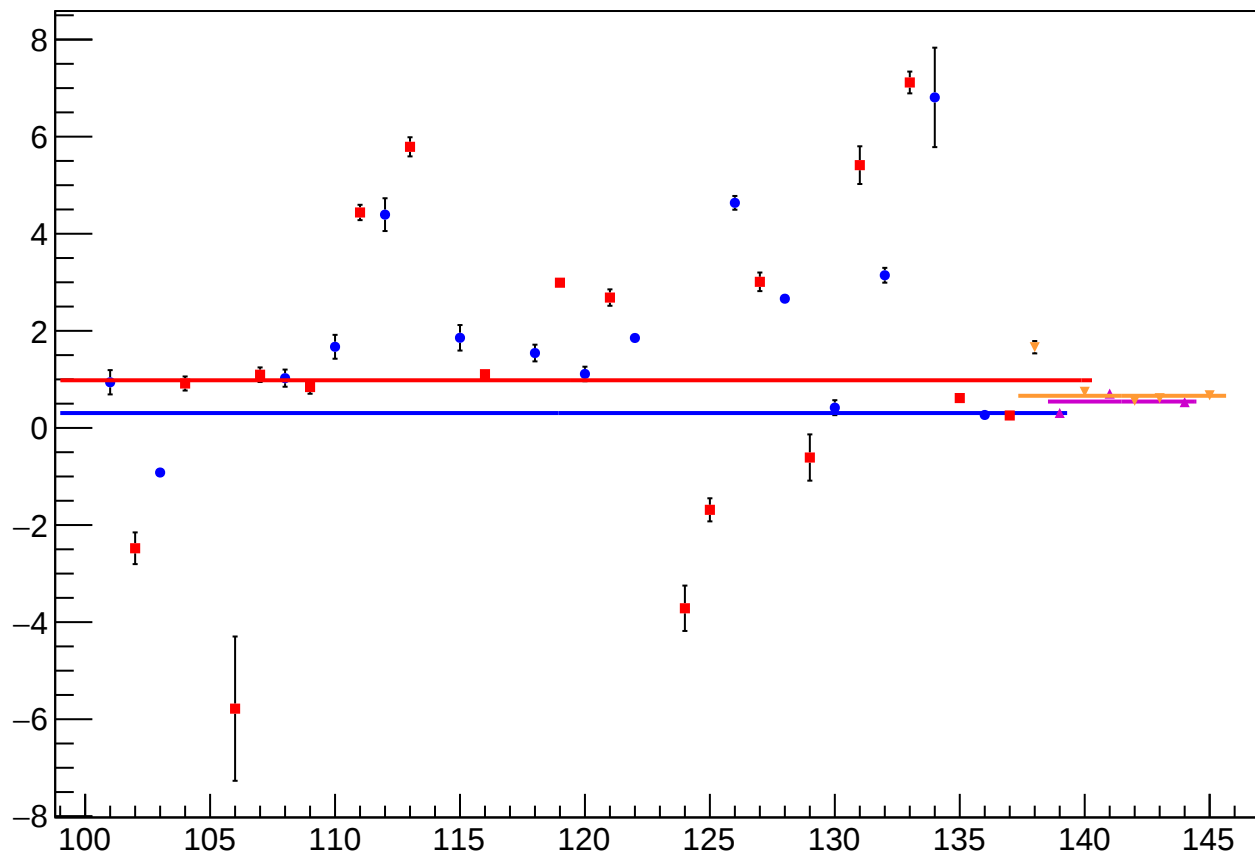
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -264.039 $\pm$ 0.128 χ^2 /NDF:107980.6/17

Out: -253.387 $\pm$ 0.069 χ^2 /NDF:90632.5/22

All: -255.806 $\pm$ 0.061 χ^2 /NDF: 203982.8/40

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: 0.544 ± 0.004 $\chi^2/\text{NDF}: 1589.4/2$

Left: 0.589 ± 0.003 $\chi^2/\text{NDF}: 2123.4/7$

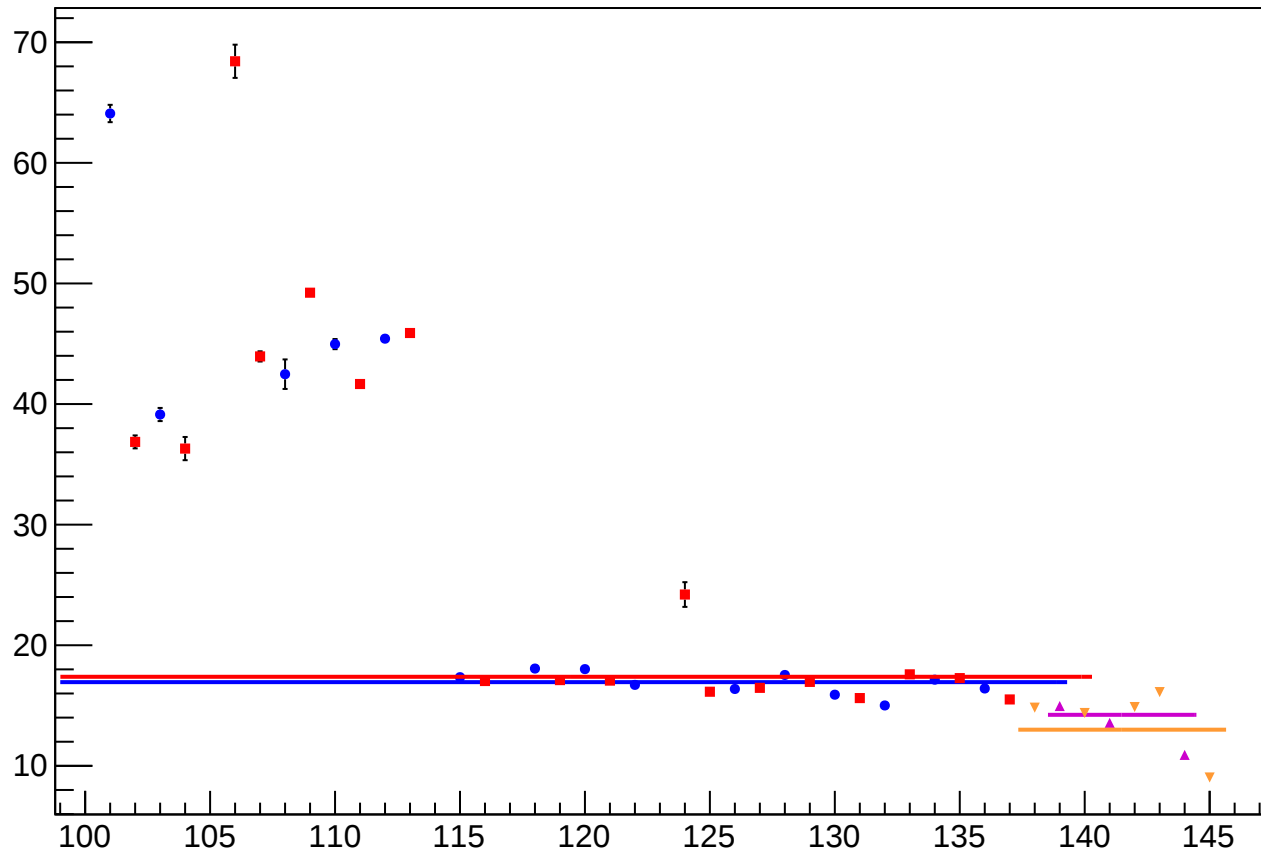
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.477 ± 0.004 $\chi^2/\text{NDF}: 5292.7/17$

Out: 0.699 ± 0.005 $\chi^2/\text{NDF}: 4017.5/22$

All: 0.551 ± 0.003 $\chi^2/\text{NDF}: 10635.3/40$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 12.999 ± 0.016 $\chi^2/\text{NDF}: 37662.8/4$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.231 ± 0.025 $\chi^2/\text{NDF}: 2000.5/2$

Left: 13.342 ± 0.013 $\chi^2/\text{NDF}: 41378.5/7$

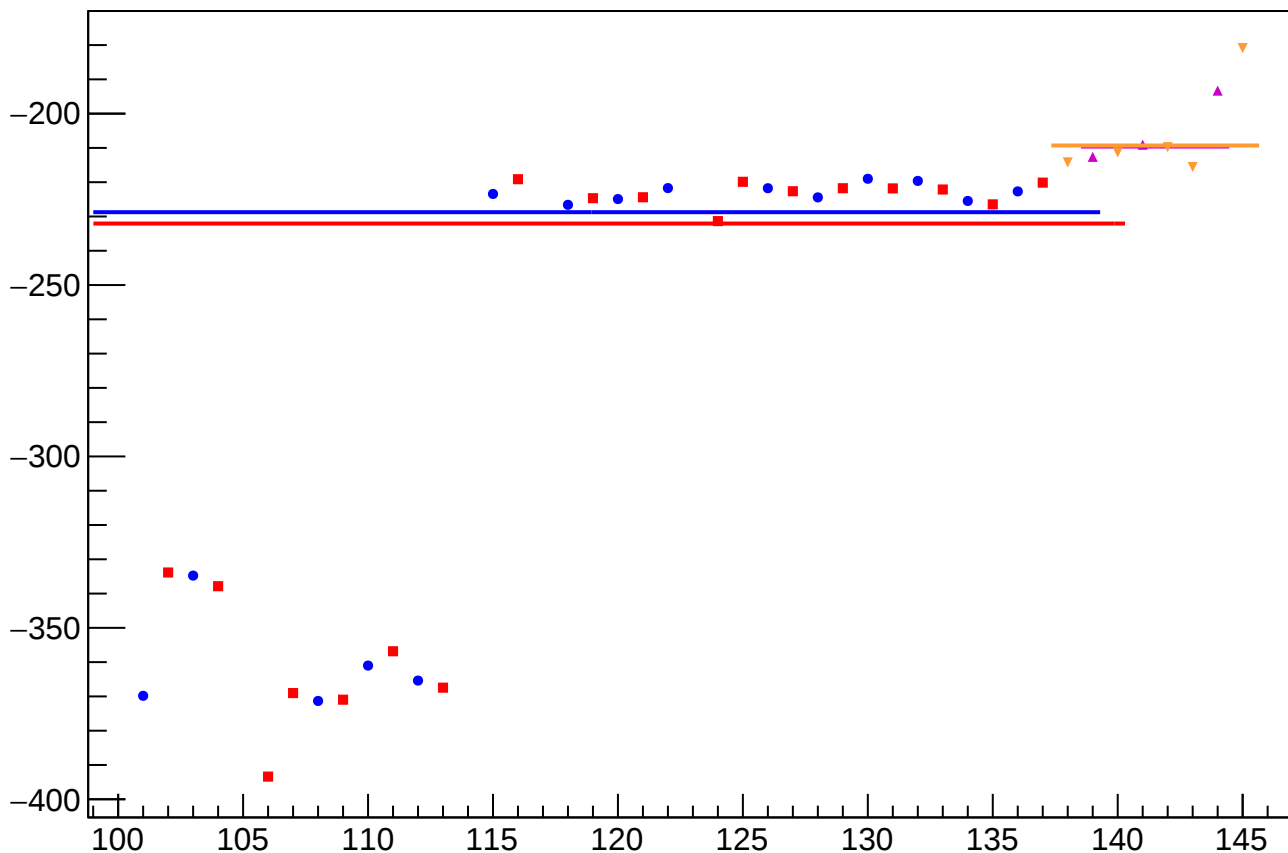
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 16.383 ± 0.011 $\chi^2/\text{NDF}: 40148.7/17$

Out: 14.944 ± 0.012 $\chi^2/\text{NDF}: 133400.7/22$

All: 15.679 ± 0.008 $\chi^2/\text{NDF}: 181255.6/40$

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: -209.610 ± 0.044 $\chi^2/\text{NDF}: 3185.7/2$

Left: -209.425 ± 0.029 $\chi^2/\text{NDF}: 68100.2/7$

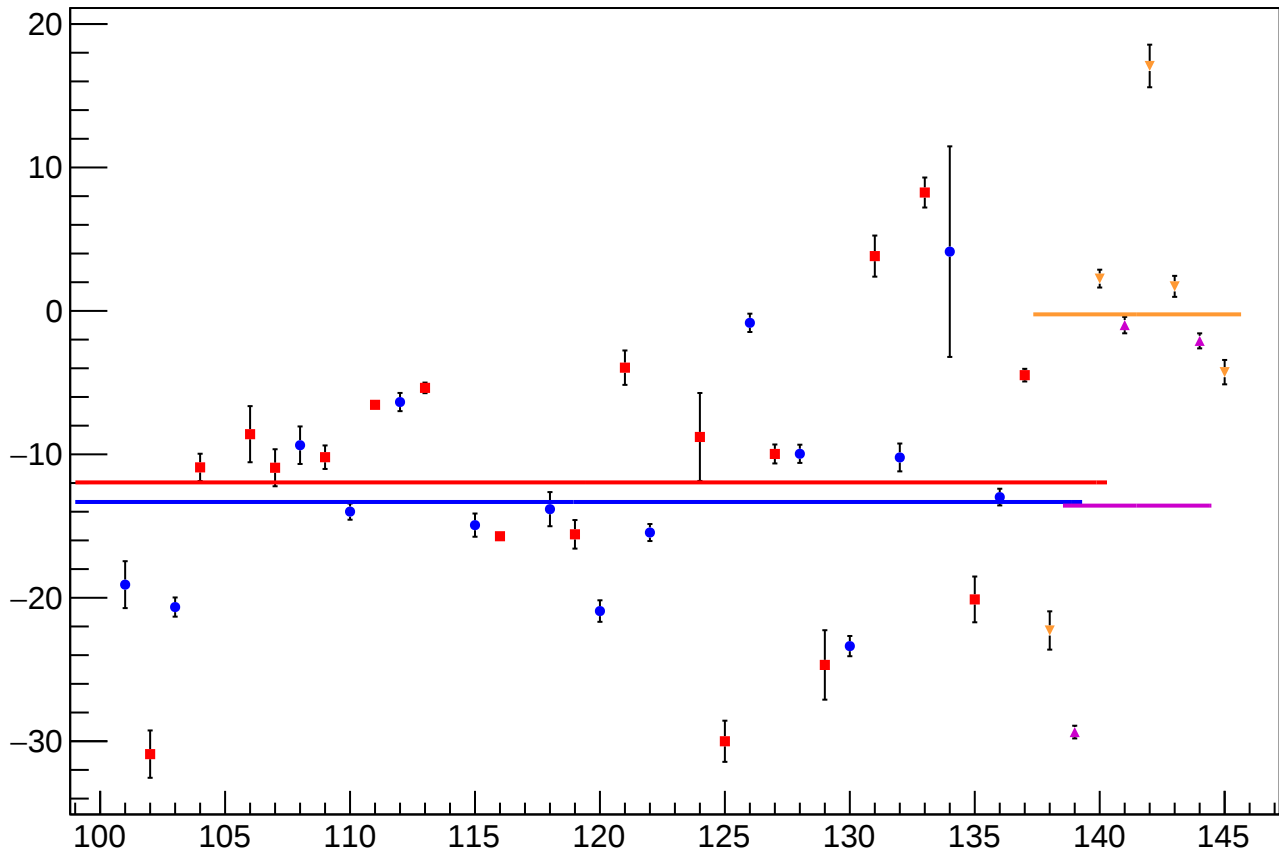
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -221.472 ± 0.027 $\chi^2/\text{NDF}: 776521.8/17$

Out: -219.597 ± 0.028 $\chi^2/\text{NDF}: 1022713.6/22$

All: -220.551 ± 0.019 $\chi^2/\text{NDF}: 1801552.1/40$

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: -13.575 ± 0.291 χ^2/NDF : 2230.3/2

Left: -8.670 ± 0.232 χ^2/NDF : 3454.4/7

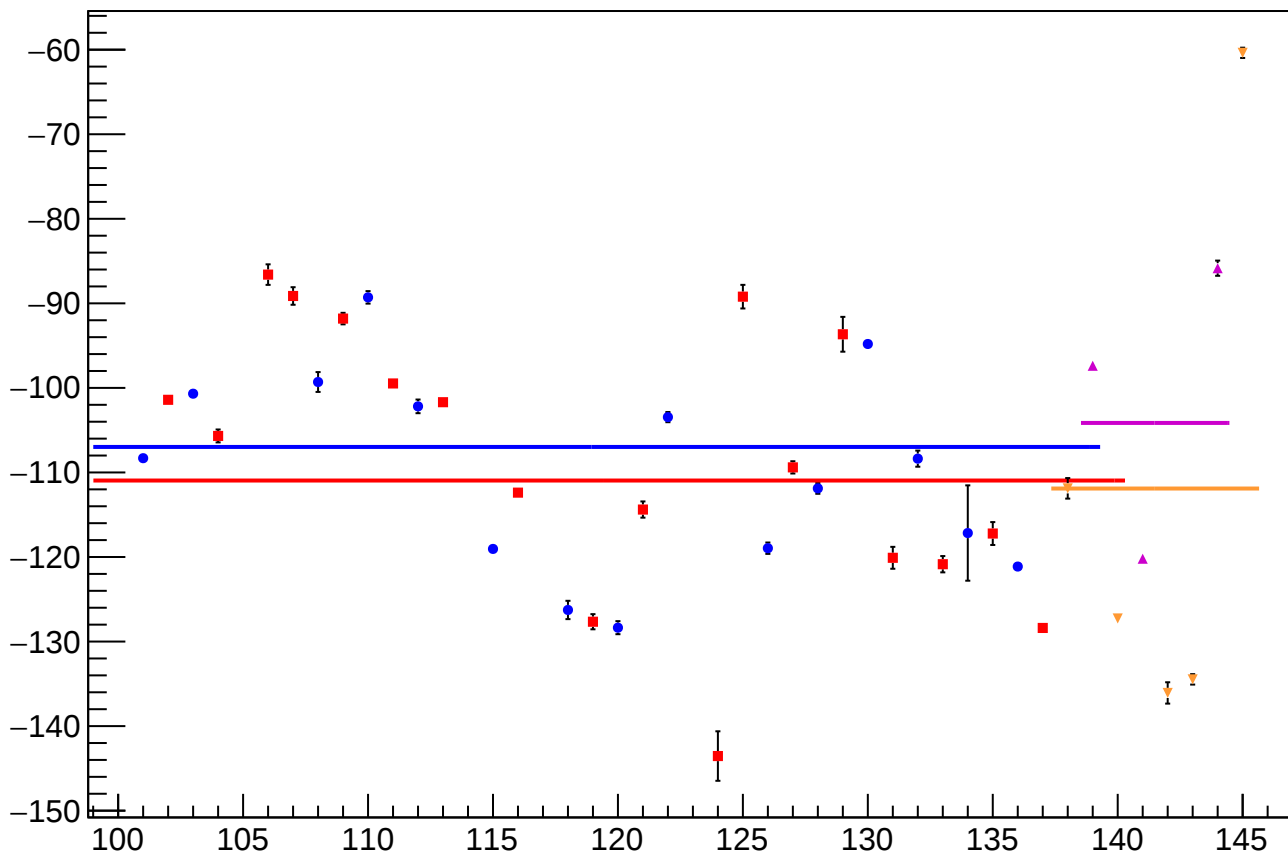
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.399 ± 0.161 χ^2/NDF : 3243.8/17

Out: -11.020 ± 0.108 χ^2/NDF : 3806.4/22

All: -11.756 ± 0.090 χ^2/NDF : 7200.3/40

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -111.901 ± 0.304 $\chi^2/\text{NDF}: 9865.0/4$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -104.143 ± 0.268 $\chi^2/\text{NDF}: 1997.2/2$

Left: -107.544 ± 0.201 $\chi^2/\text{NDF}: 12228.5/7$

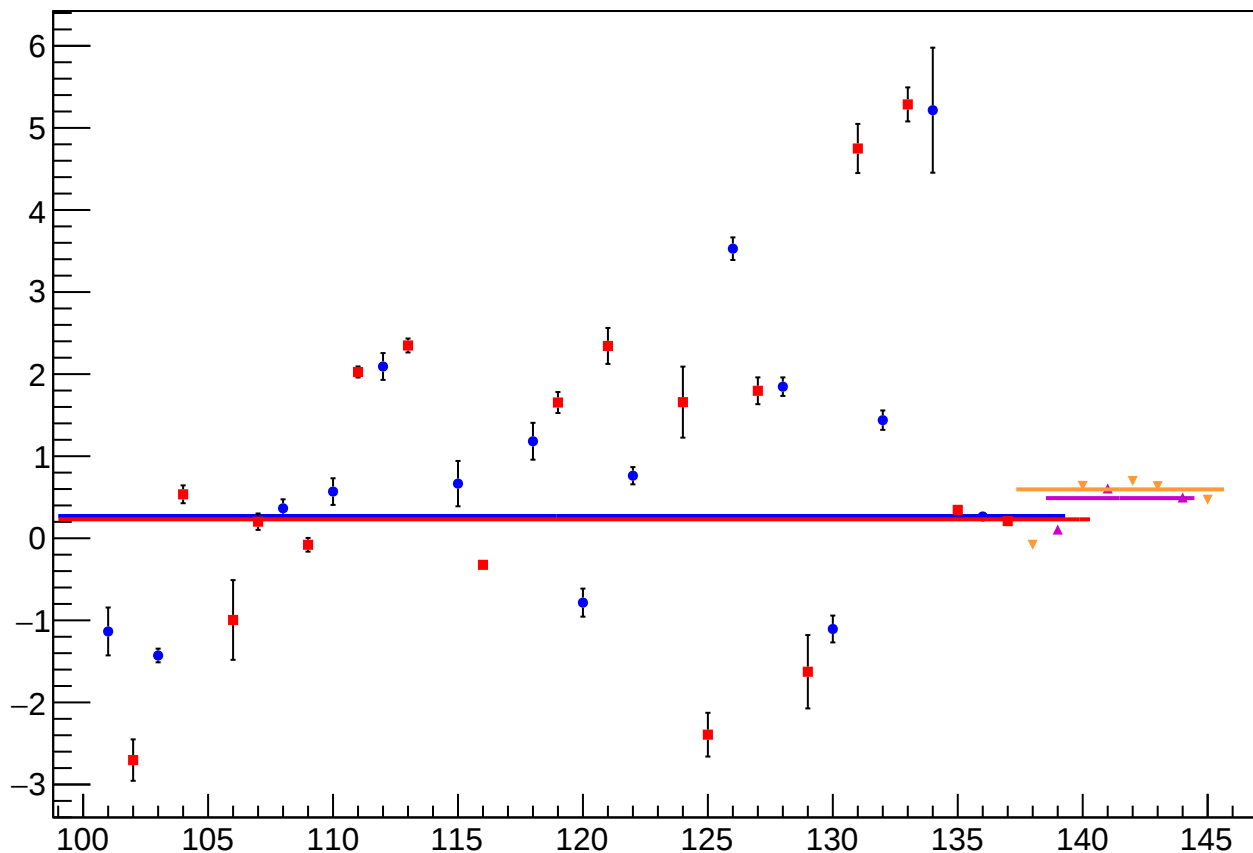
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -106.574 ± 0.102 $\chi^2/\text{NDF}: 6751.3/17$

Out: -110.980 ± 0.050 $\chi^2/\text{NDF}: 20549.4/22$

All: -110.137 ± 0.045 $\chi^2/\text{NDF}: 28815.4/40$

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 :2396.5/2

Left: 0.518+/-0.003 χ^2/NDF : 3518.3/7

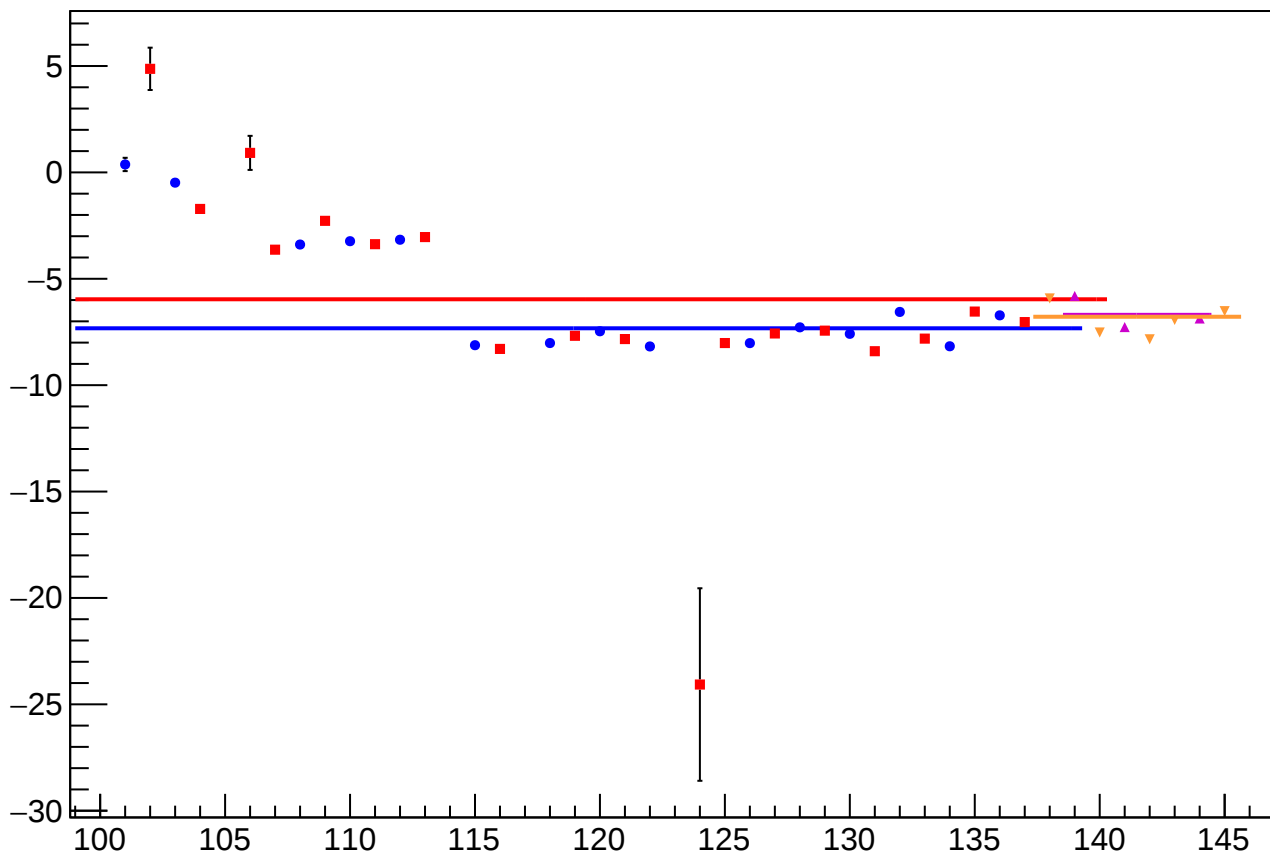
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.419+/-0.003 χ^2/NDF :5146.9/17

Out: 0.357+/-0.004 χ^2/NDF :6164.1/22

All: 0.393+/-0.002 χ^2/NDF : 11487.2/40

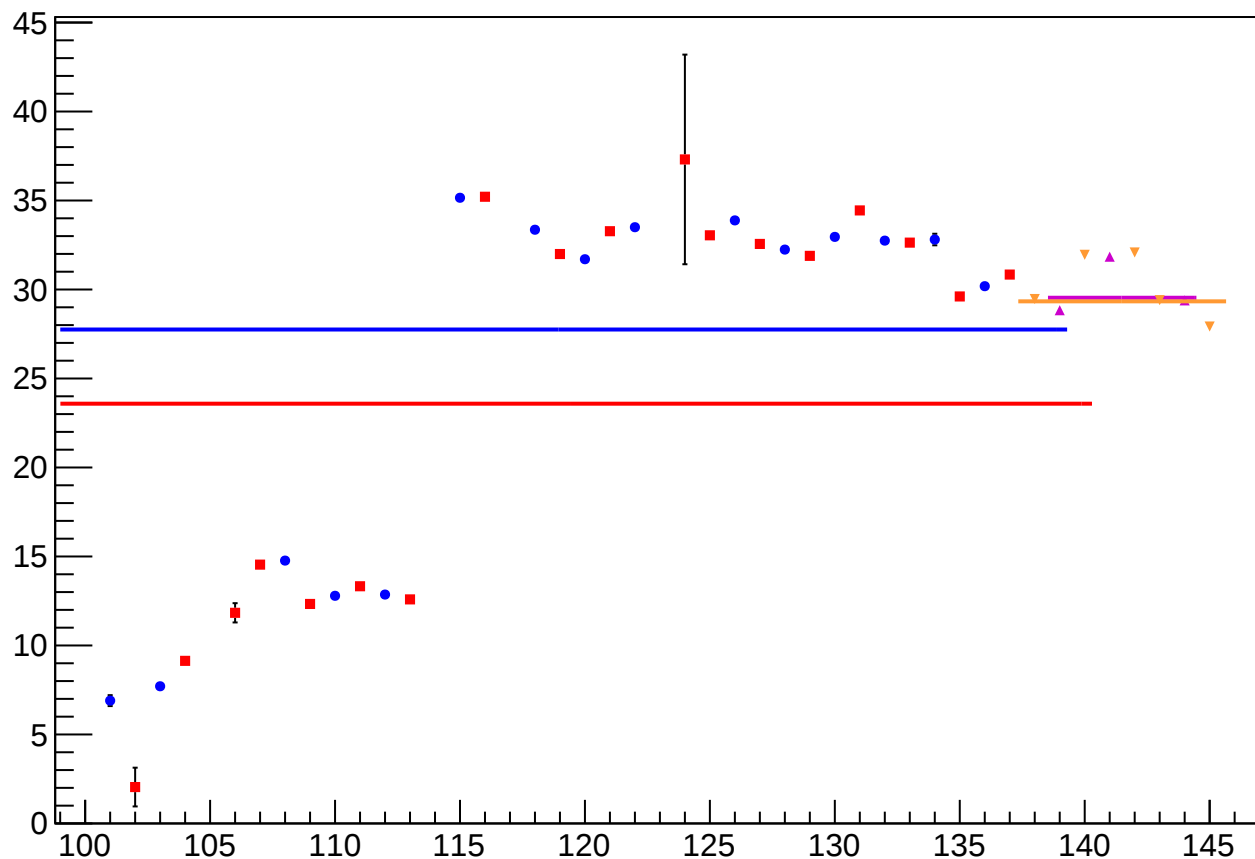
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14
 Left Out: -6.784 ± 0.013 χ^2/NDF : 1414.0/4
 Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17
 Left In: -6.695 ± 0.010 χ^2/NDF : 2685.1/2

Left: -6.729 ± 0.008 χ^2/NDF : 4130.8/7
 Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32
 In: -7.059 ± 0.006 χ^2/NDF : 35583.8/17
 Out: -6.234 ± 0.007 χ^2/NDF : 76102.5/22
 All: -6.697 ± 0.005 χ^2/NDF : 119076.8/40

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: 29.537 $\pm$ 0.028 χ^2 /NDF:1314.2/2

Left: 29.412 $\pm$ 0.017 χ^2 /NDF: 6922.2/7

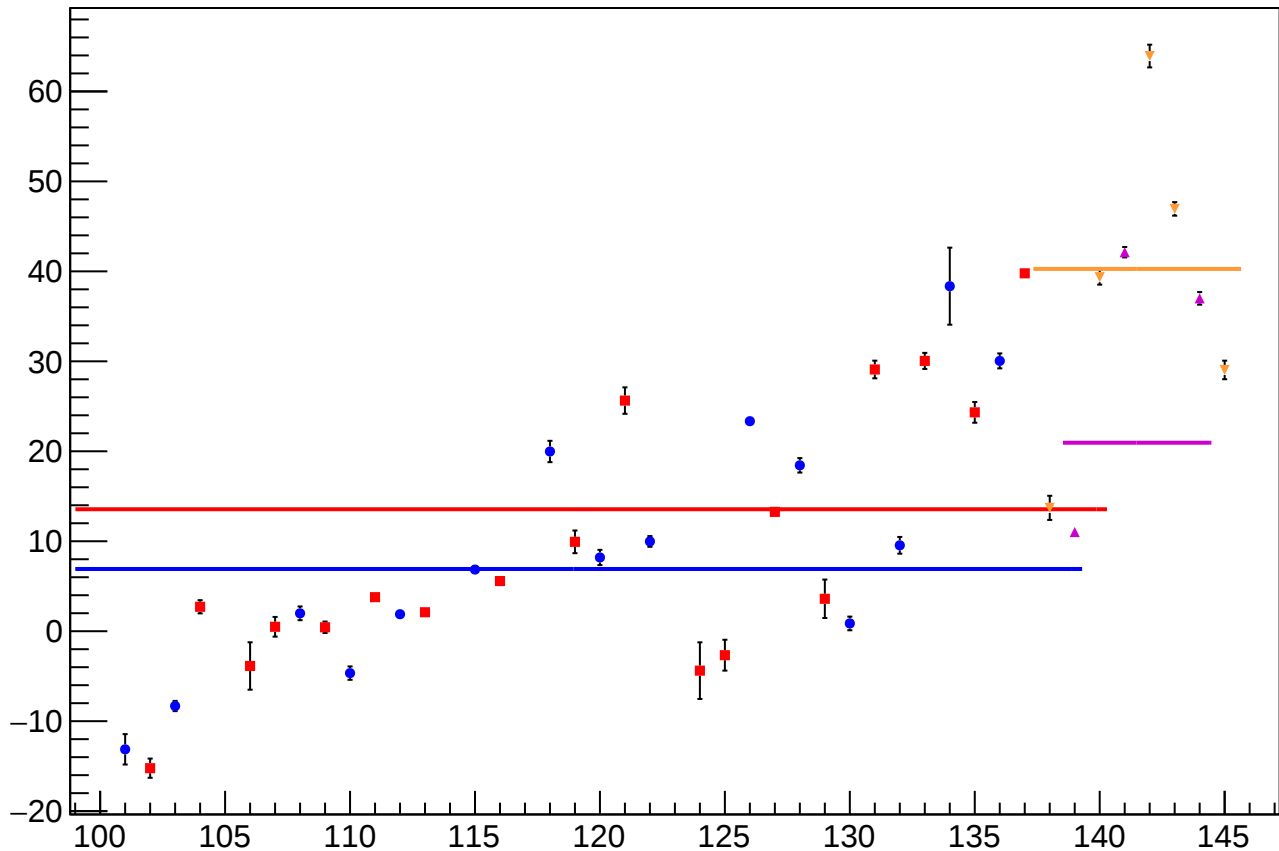
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.150 $\pm$ 0.013 χ^2 /NDF:337382.1/17

Out: 25.191 $\pm$ 0.012 χ^2 /NDF:594302.1/22

All: 26.480 $\pm$ 0.009 χ^2 /NDF: 959824.8/40

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916+/-0.177 χ^2/NDF : 3503.2/14

Left Out: 40.270+/-0.433 χ^2/NDF :940.6/4

Right Out: 13.557+/-0.145 χ^2/NDF : 11657.2/17

Left In: 20.952+/-0.261 χ^2/NDF :2807.2/2

Left: 26.103+/-0.224 χ^2/NDF : 5204.2/7

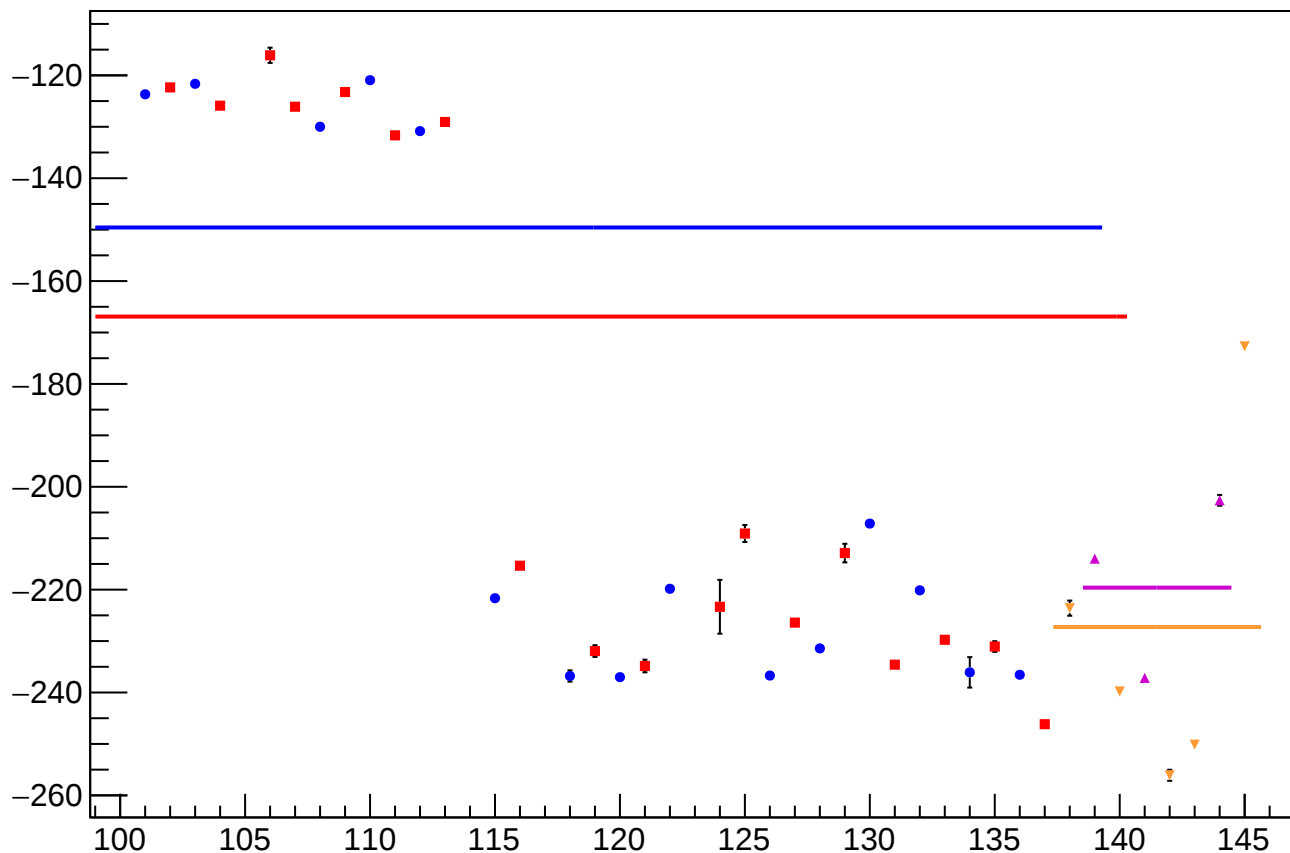
Right: 10.880+/-0.112 χ^2/NDF : 16004.9/32

In: 11.314+/-0.146 χ^2/NDF :8290.6/17

Out: 16.247+/-0.138 χ^2/NDF :16012.8/22

All: 13.932+/-0.100 χ^2/NDF : 24906.8/40

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: -219.607 ± 0.235 $\chi^2/\text{NDF}: 2148.6/2$

Left: -221.940 ± 0.196 $\chi^2/\text{NDF}: 10538.5/7$

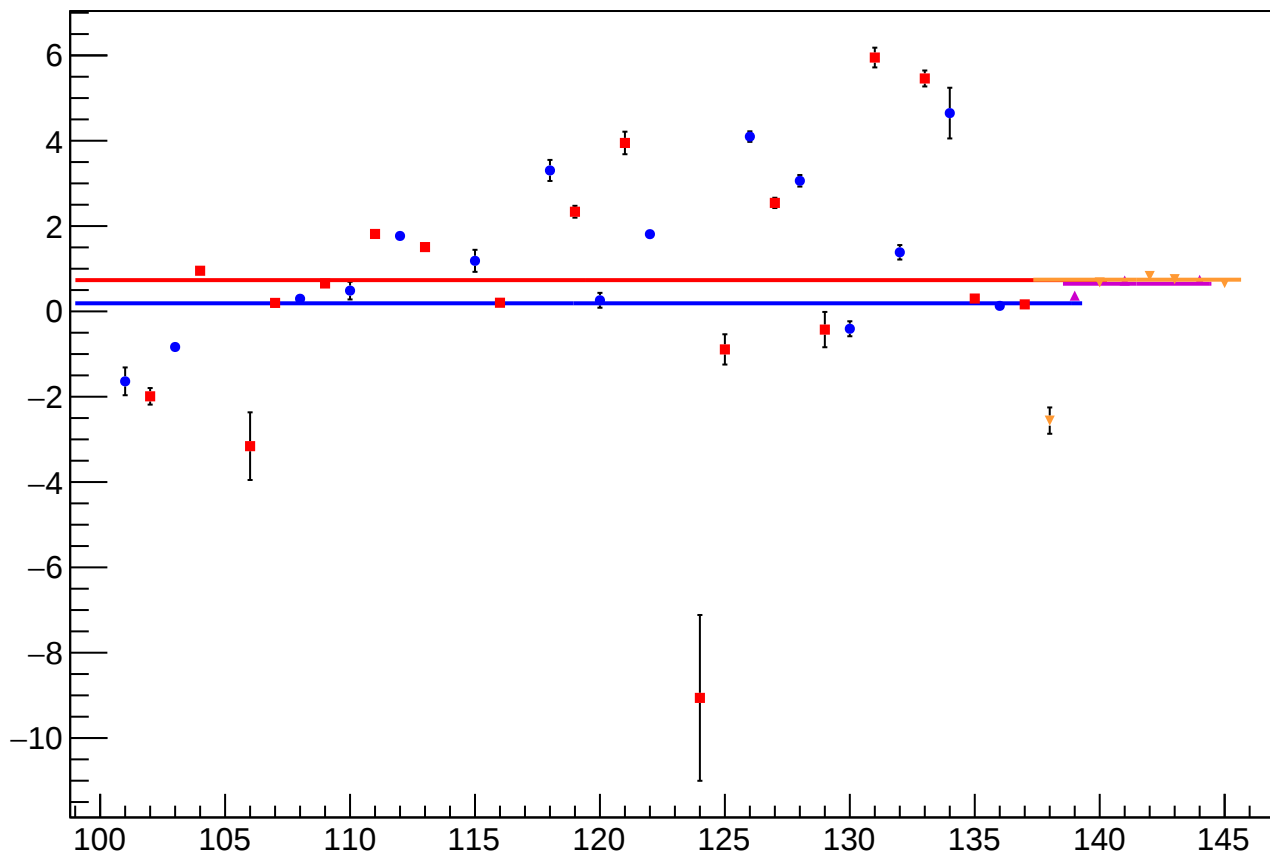
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -160.501 ± 0.093 $\chi^2/\text{NDF}: 272396.6/17$

Out: -171.391 ± 0.097 $\chi^2/\text{NDF}: 330359.2/22$

All: -165.710 ± 0.067 $\chi^2/\text{NDF}: 609361.5/40$

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: 0.648 $\pm$ 0.006 χ^2 /NDF:761.6/2

Left: 0.678 $\pm$ 0.005 χ^2 /NDF: 1014.2/7

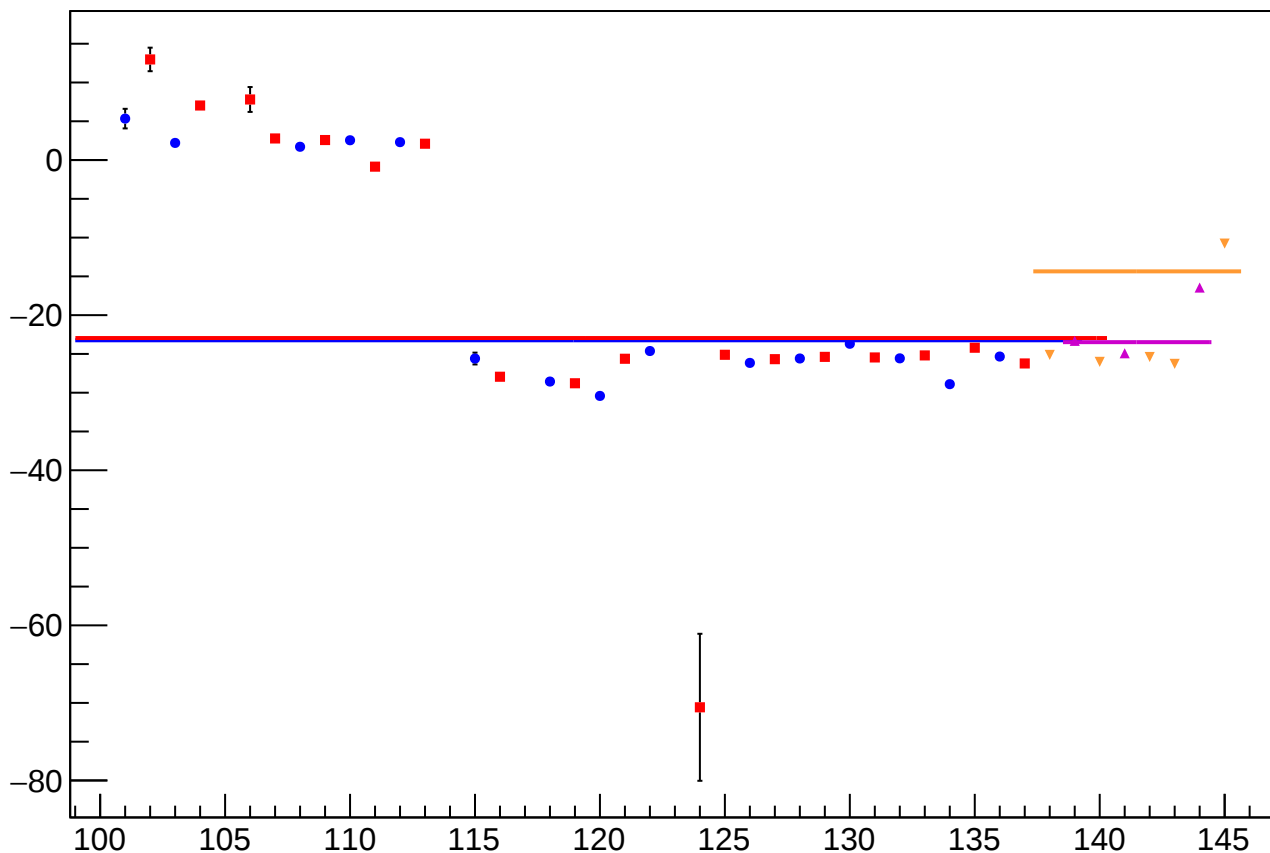
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.512 $\pm$ 0.005 χ^2 /NDF:5486.3/17

Out: 0.741 $\pm$ 0.008 χ^2 /NDF:2829.4/22

All: 0.576 $\pm$ 0.004 χ^2 /NDF: 8974.3/40

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -14.354 ± 0.023 χ^2/NDF : 79554.9/4

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -23.482 ± 0.059 χ^2/NDF : 1390.5/2

Left: -15.535 ± 0.021 χ^2/NDF : 102040.1/7

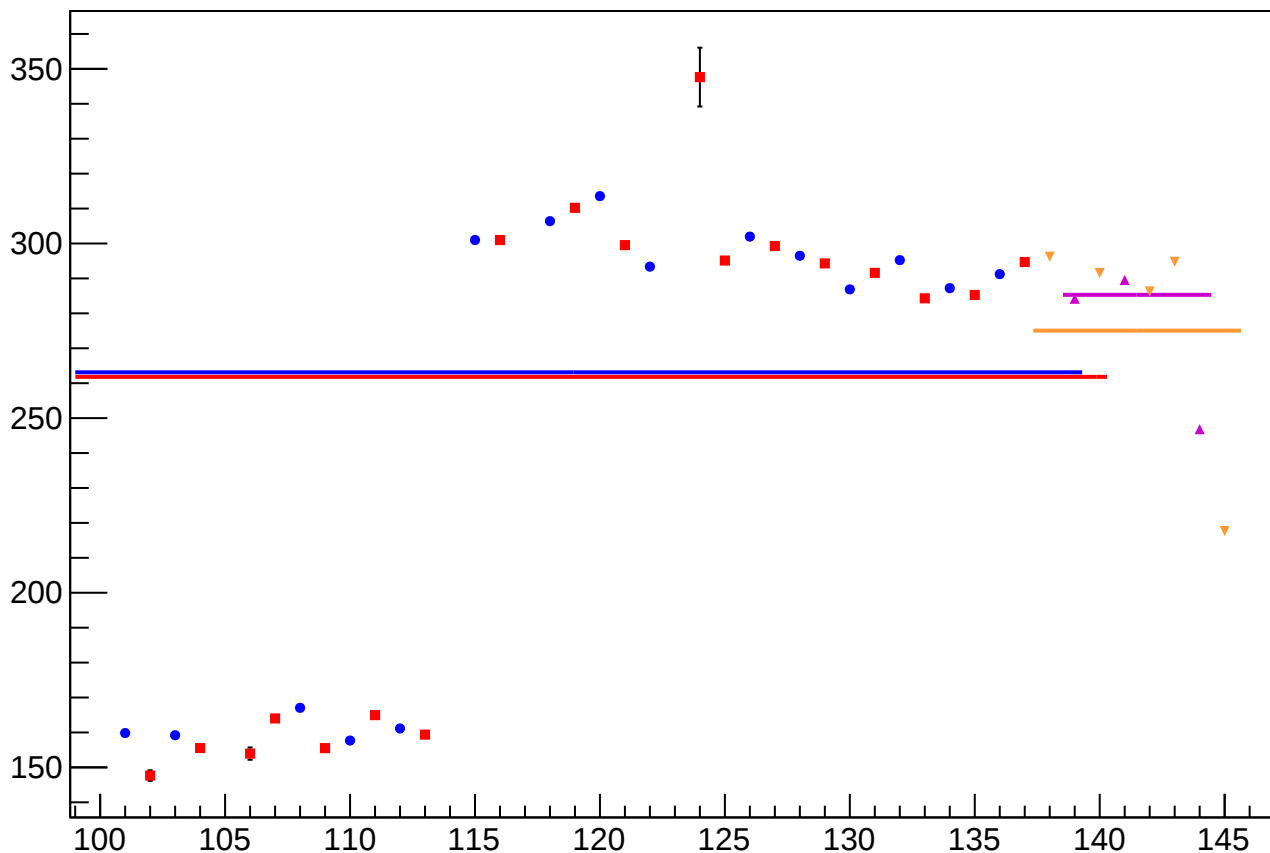
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -23.277 ± 0.023 χ^2/NDF : 104507.6/17

Out: -18.275 ± 0.017 χ^2/NDF : 253532.5/22

All: -20.017 ± 0.013 χ^2/NDF : 389383.0/40

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: 285.298 $\pm$ 0.190 χ^2 /NDF:1835.9/2

Left: 276.541 $\pm$ 0.072 χ^2 /NDF: 169132.5/7

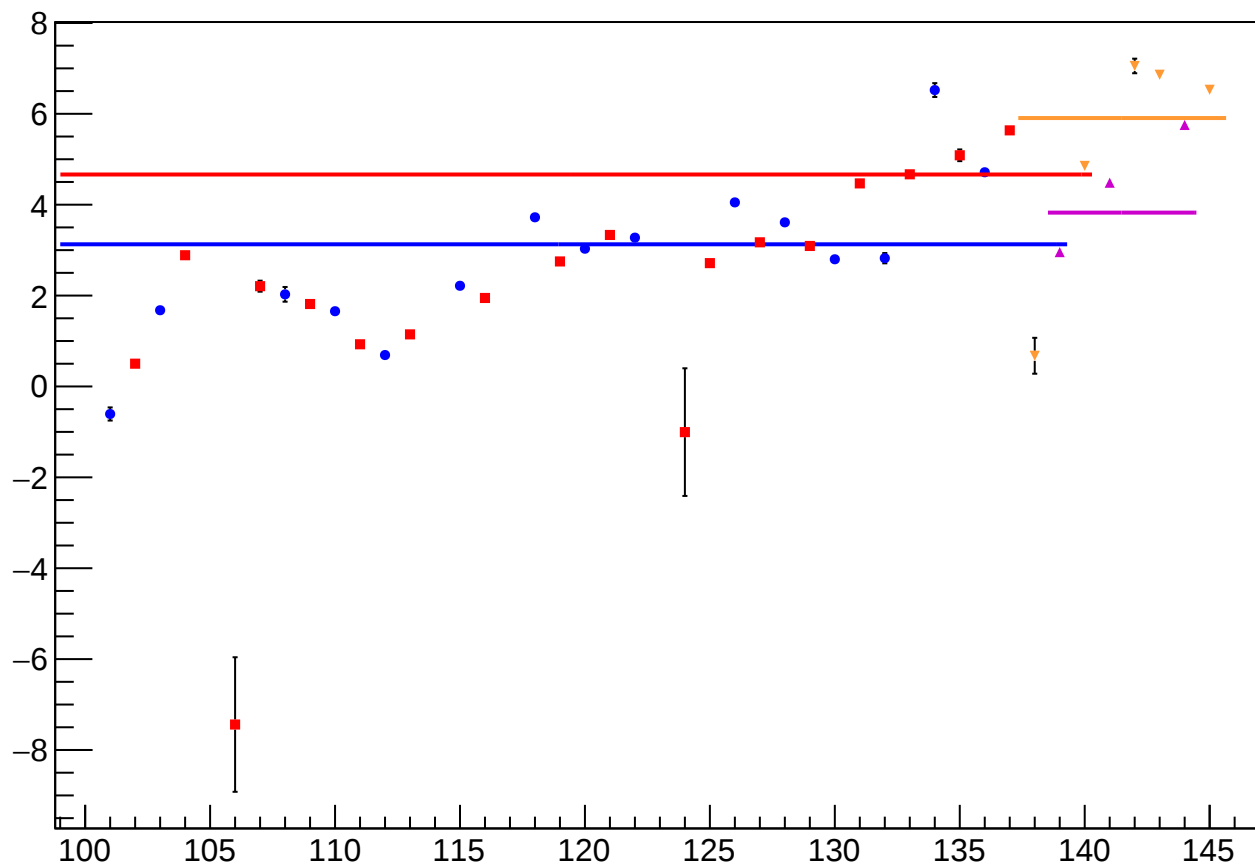
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 265.716 $\pm$ 0.065 χ^2 /NDF:706787.6/17

Out: 266.754 $\pm$ 0.048 χ^2 /NDF:1188889.8/22

All: 266.389 $\pm$ 0.039 χ^2 /NDF: 1895843.0/40

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: 3.825 ± 0.028 $\chi^2/\text{NDF}: 1300.5/2$

Left: 4.305 ± 0.025 $\chi^2/\text{NDF}: 3084.3/7$

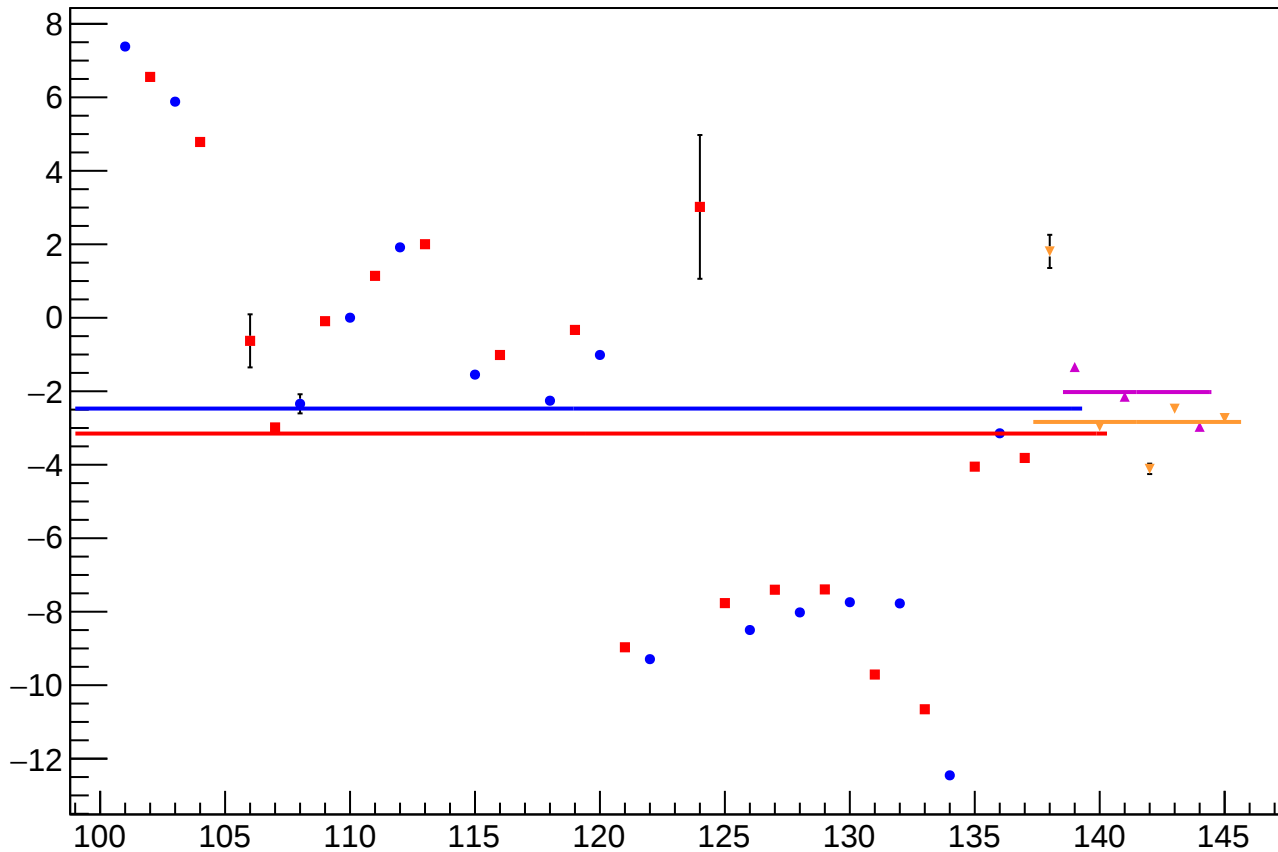
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.295 ± 0.014 $\chi^2/\text{NDF}: 7436.7/17$

Out: 4.683 ± 0.006 $\chi^2/\text{NDF}: 67958.0/22$

All: 4.442 ± 0.006 $\chi^2/\text{NDF}: 83821.6/40$

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: -2.022+/-0.029 χ^2/NDF : 430.4/2

Left: -2.284+/-0.024 χ^2/NDF : 896.7/7

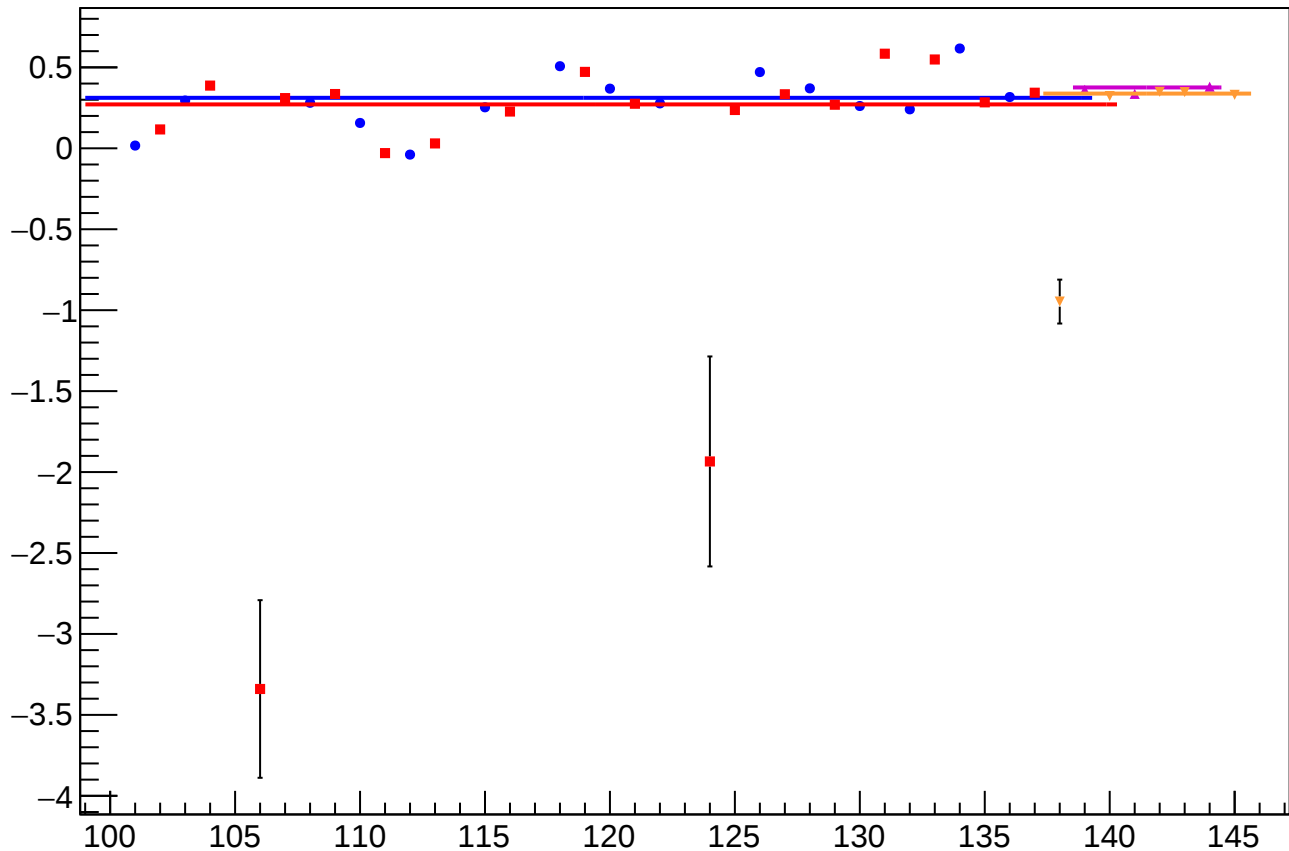
Right: -3.003+/-0.007 χ^2/NDF : 491827.6/32

In: -2.384+/-0.013 χ^2/NDF : 243205.8/17

Out: -3.141+/-0.007 χ^2/NDF : 247692.9/22

All: -2.952+/-0.006 χ^2/NDF : 493575.0/40

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: 0.376 ± 0.001 $\chi^2/\text{NDF}: 72.7/2$

Left: 0.358 ± 0.001 $\chi^2/\text{NDF}: 535.0/7$

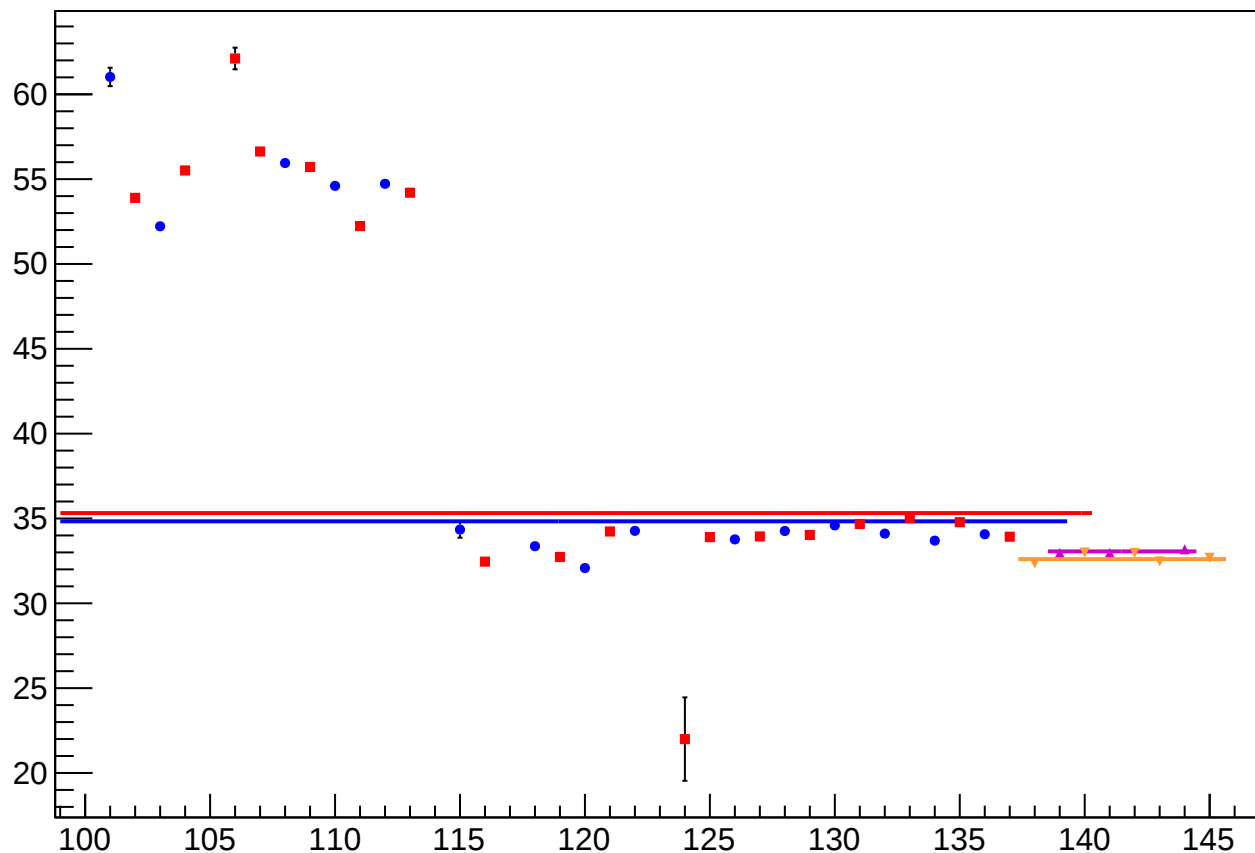
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2482.4/17$

Out: 0.315 ± 0.001 $\chi^2/\text{NDF}: 6940.9/22$

All: 0.331 ± 0.001 $\chi^2/\text{NDF}: 9676.8/40$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.604 $\pm$ 0.012 χ^2 /NDF:307.1/4

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 33.059 $\pm$ 0.016 χ^2 /NDF:44.8/2

Left: 32.770 $\pm$ 0.010 χ^2 /NDF: 863.9/7

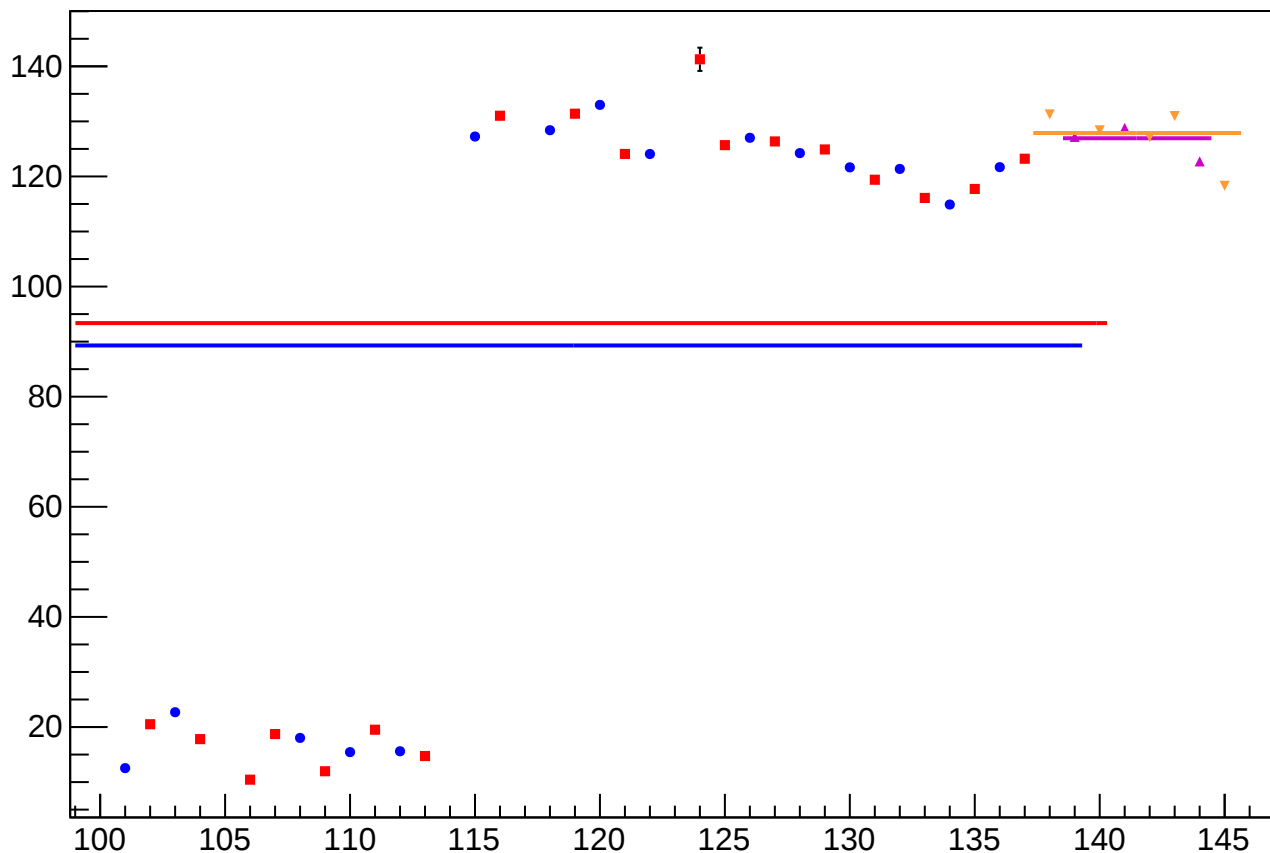
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 34.434 $\pm$ 0.008 χ^2 /NDF:255112.9/17

Out: 34.231 $\pm$ 0.008 χ^2 /NDF:291615.9/22

All: 34.334 $\pm$ 0.005 χ^2 /NDF: 547078.7/40

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 127.891 ± 0.036 $\chi^2/\text{NDF}: 13504.4/4$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 126.934 ± 0.060 $\chi^2/\text{NDF}: 1399.1/2$

Left: 127.640 ± 0.031 $\chi^2/\text{NDF}: 15089.1/7$

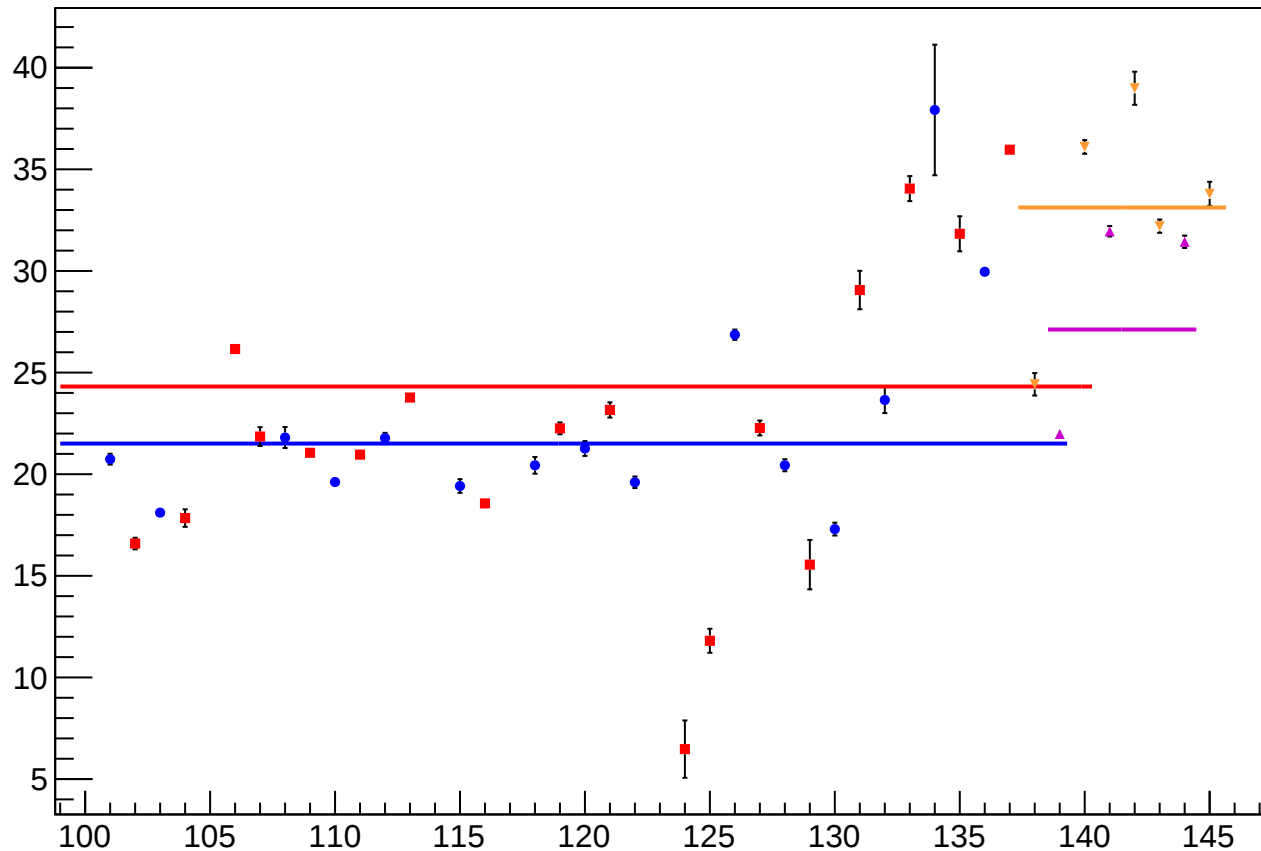
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 95.754 ± 0.025 $\chi^2/\text{NDF}: 3358401.6/17$

Out: 107.499 ± 0.023 $\chi^2/\text{NDF}: 3410220.2/22$

All: 102.107 ± 0.017 $\chi^2/\text{NDF}: 6888236.5/40$

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: 27.119 $\pm$ 0.143 χ^2 /NDF:1165.4/2

Left: 29.186 $\pm$ 0.116 χ^2 /NDF: 2162.4/7

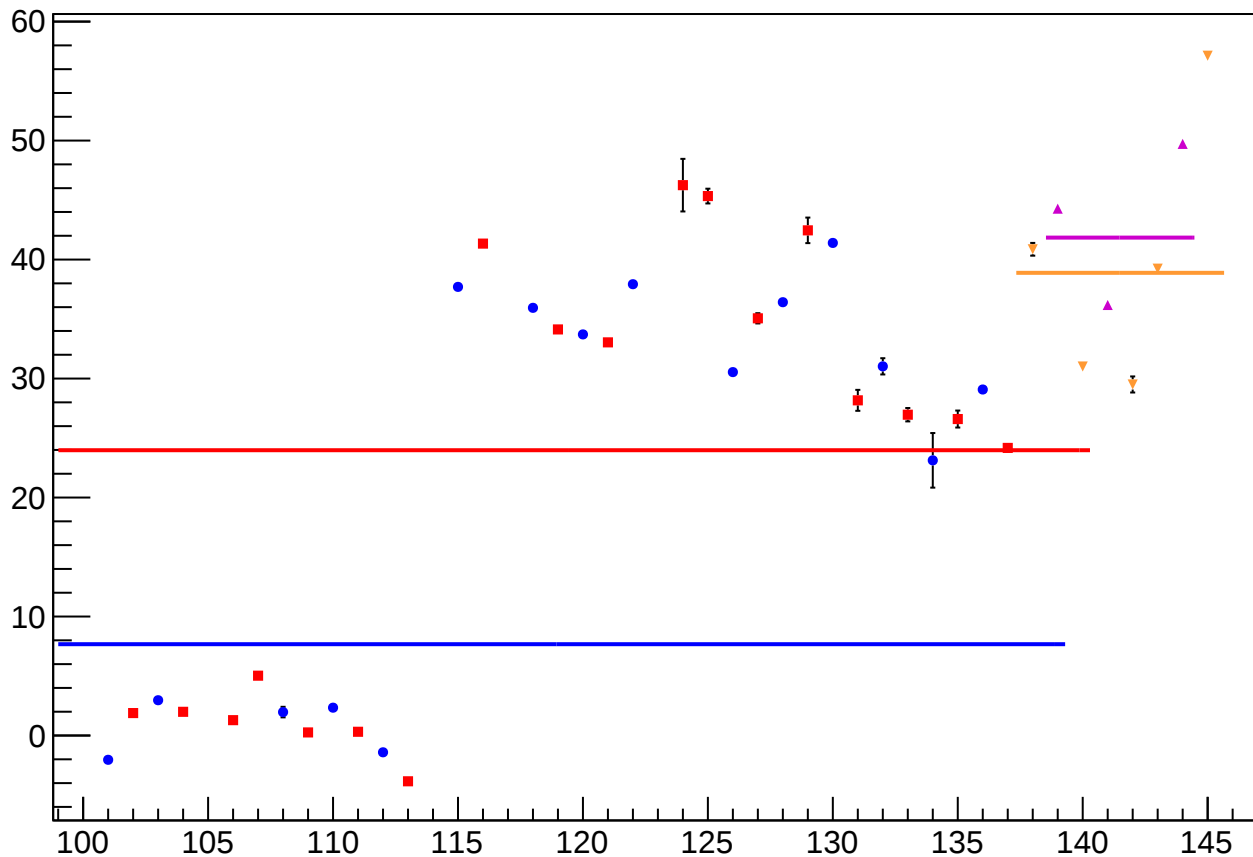
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.652 $\pm$ 0.065 χ^2 /NDF:5356.9/17

Out: 25.026 $\pm$ 0.056 χ^2 /NDF:16519.7/22

All: 24.005 $\pm$ 0.042 χ^2 /NDF: 22648.1/40

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: 41.845 ± 0.125 χ^2/NDF : 1392.3/2

Left: 40.779 ± 0.100 χ^2/NDF : 4386.9/7

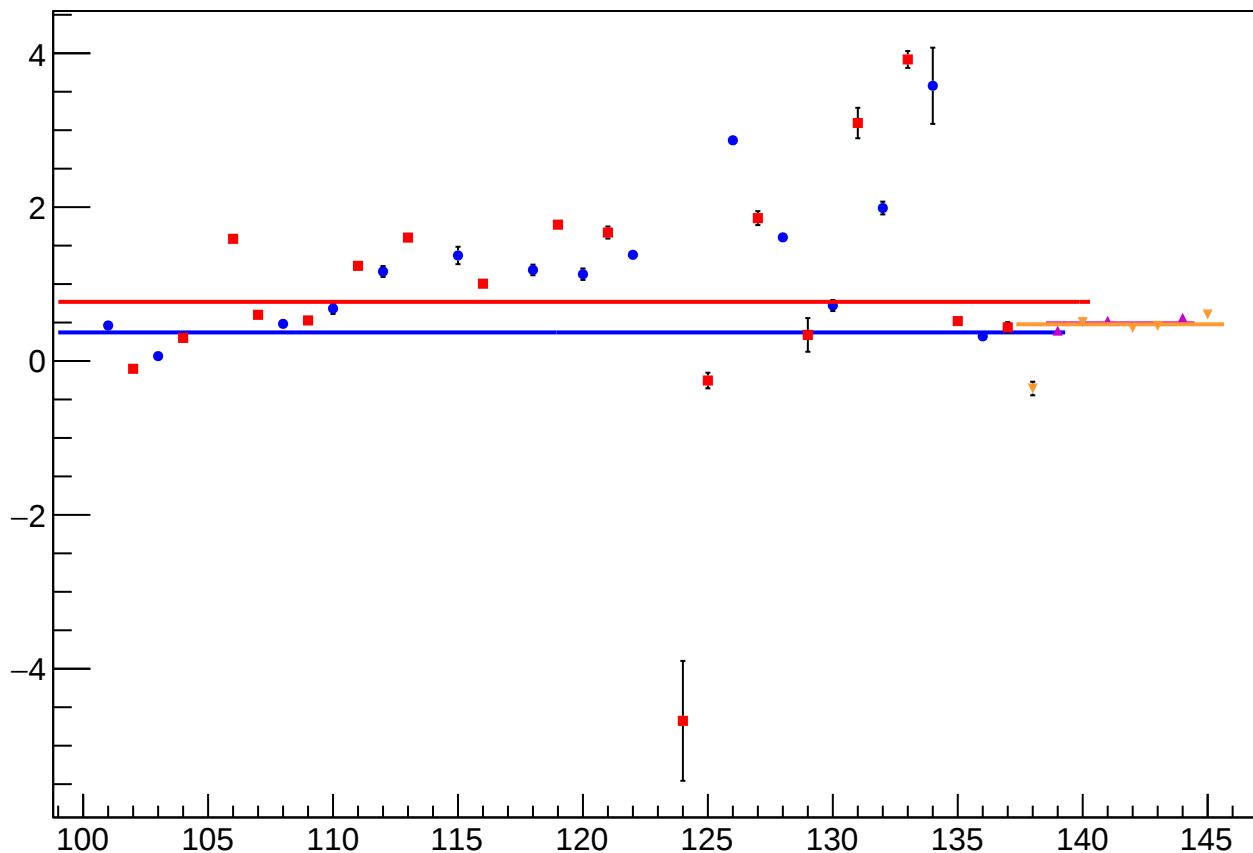
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 11.634 ± 0.043 χ^2/NDF : 163949.6/17

Out: 24.013 ± 0.008 χ^2/NDF : 121349.4/22

All: 23.573 ± 0.008 χ^2/NDF : 366988.5/40

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.477 $\pm$ 0.003 χ^2 /NDF:235.3/4

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.489 $\pm$ 0.003 χ^2 /NDF:578.4/2

Left: 0.483 $\pm$ 0.002 χ^2 /NDF: 822.7/7

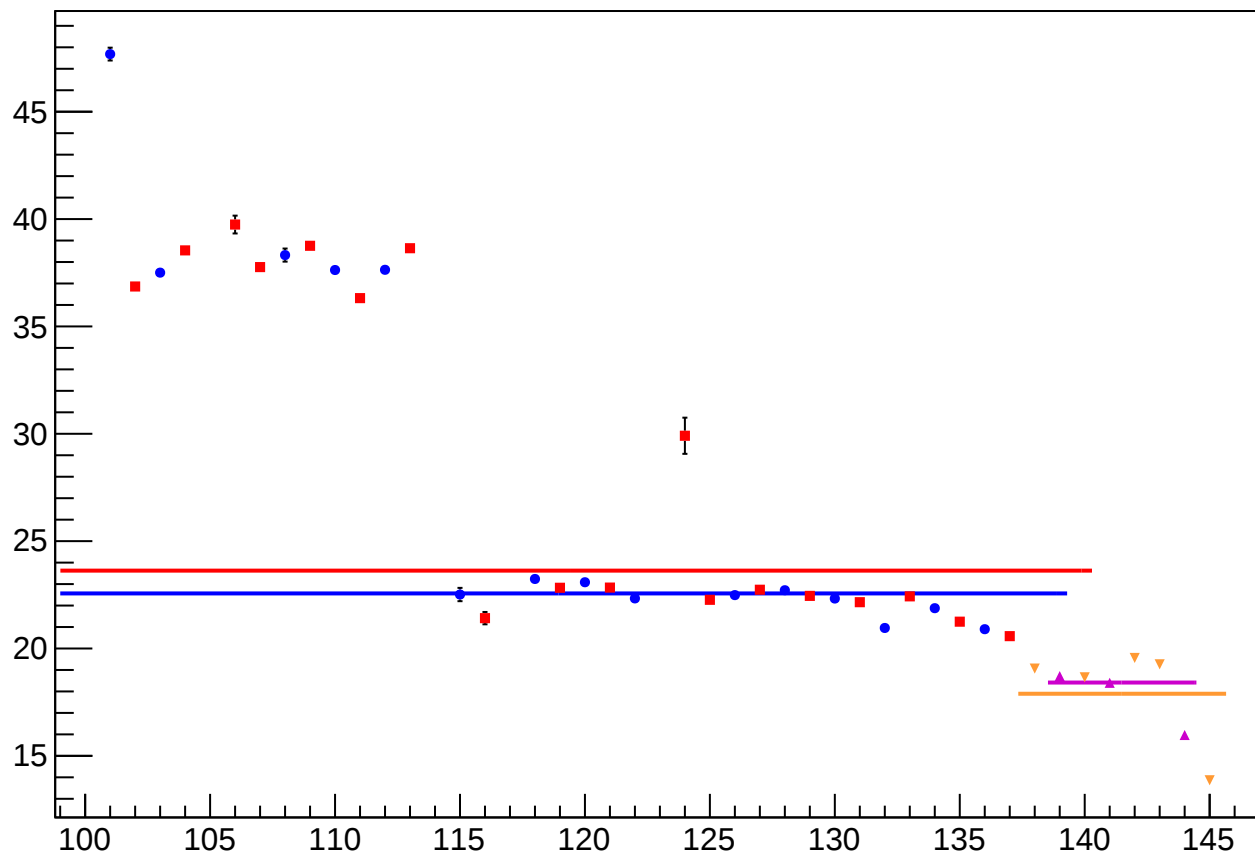
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.454 $\pm$ 0.002 χ^2 /NDF:5834.5/17

Out: 0.520 $\pm$ 0.003 χ^2 /NDF:5880.3/22

All: 0.483 $\pm$ 0.002 χ^2 /NDF: 12060.6/40

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: 18.414+/-0.019 χ^2/NDF : 888.6/2

Left: 18.042+/-0.010 χ^2/NDF : 36812.8/7

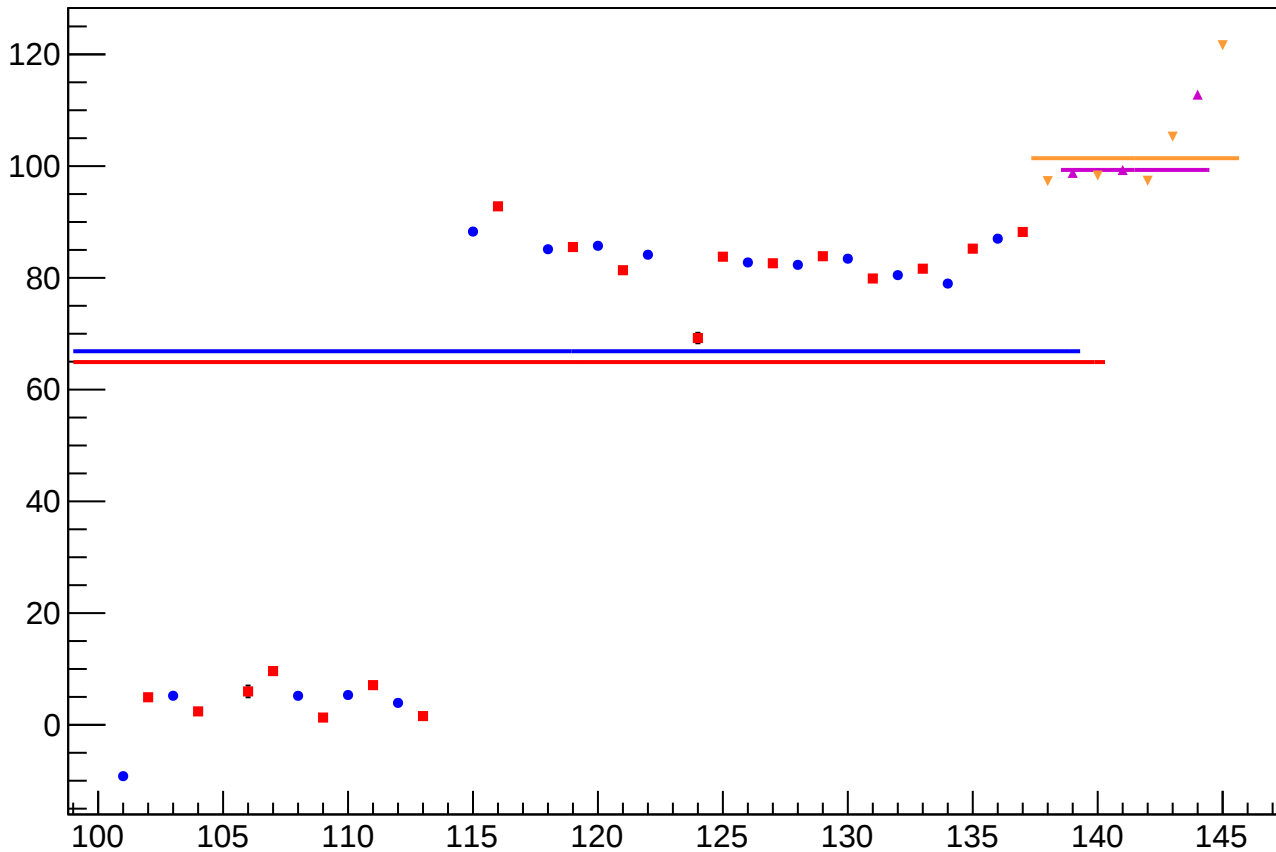
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 21.627+/-0.009 χ^2/NDF : 131353.9/17

Out: 20.944+/-0.008 χ^2/NDF : 280739.9/22

All: 21.255+/-0.006 χ^2/NDF : 415262.5/40

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 101.418 $\pm$ 0.029 χ^2 /NDF: 53614.1/4

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.319 $\pm$ 0.033 χ^2 /NDF: 1173.1/2

Left: 100.505 $\pm$ 0.021 χ^2 /NDF: 57132.5/7

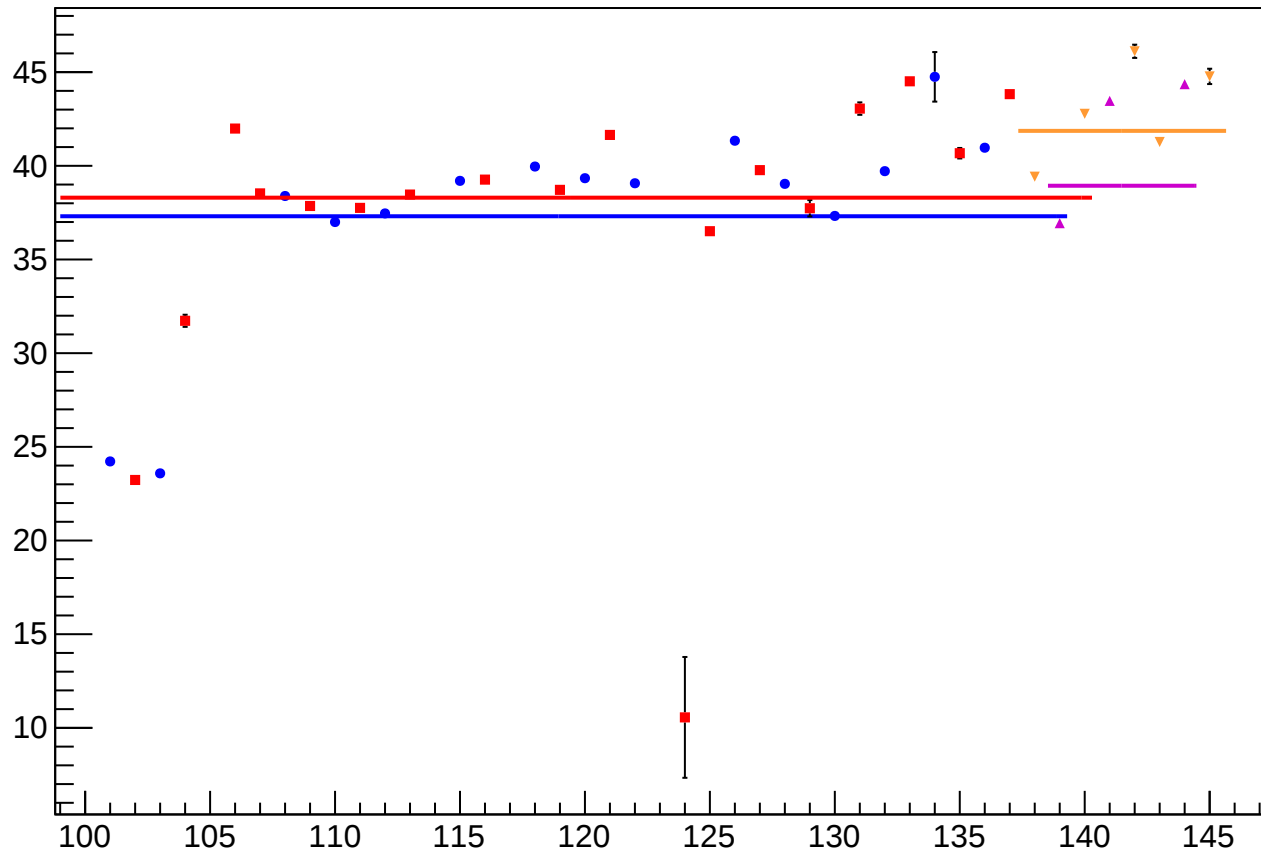
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 80.116 $\pm$ 0.021 χ^2 /NDF: 2082581.4/17

Out: 83.883 $\pm$ 0.021 χ^2 /NDF: 2170811.6/22

All: 82.018 $\pm$ 0.015 χ^2 /NDF: 4269937.4/40

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 41.865 $\pm$ 0.079 χ^2 /NDF: 365.9/4

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.937 $\pm$ 0.058 χ^2 /NDF: 2900.2/2

Left: 39.962 $\pm$ 0.047 χ^2 /NDF: 4155.5/7

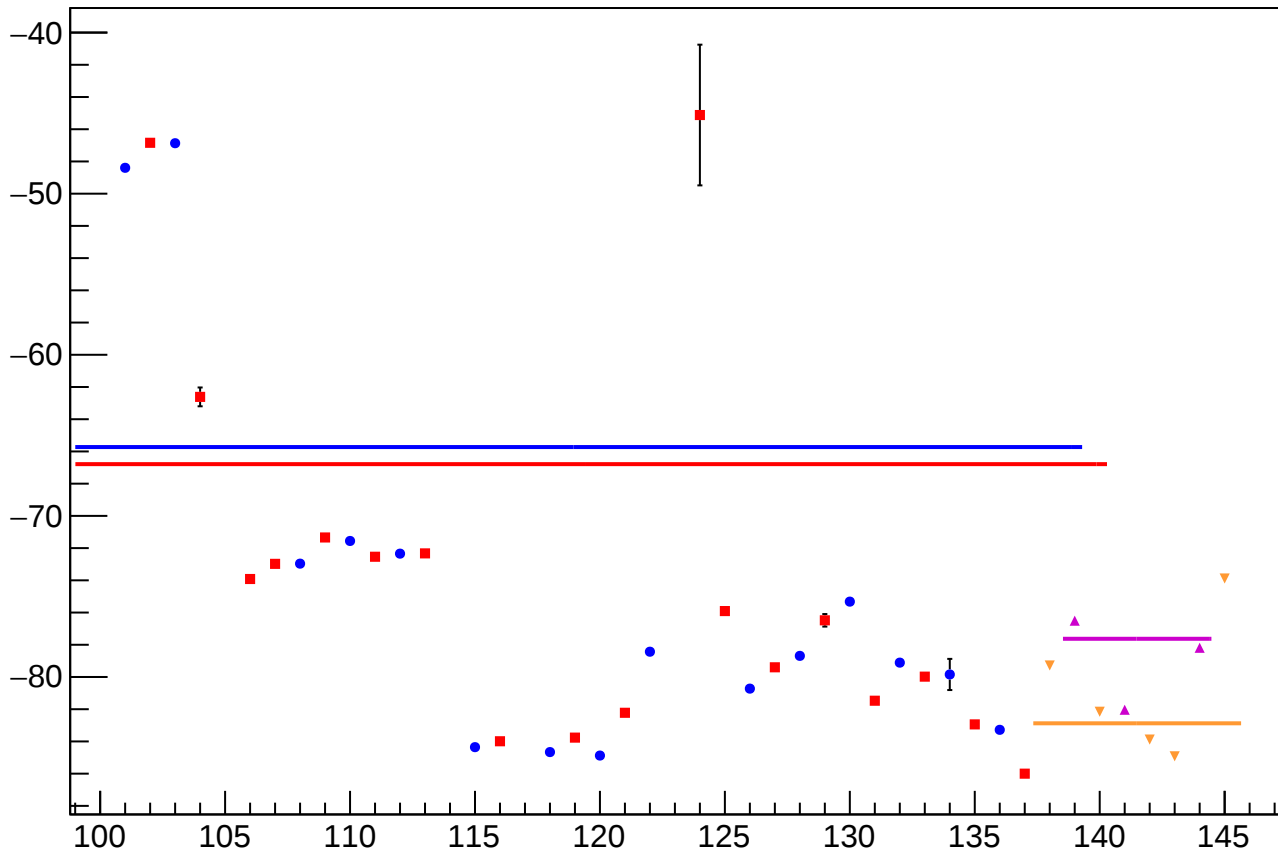
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.530 $\pm$ 0.021 χ^2 /NDF: 63158.8/17

Out: 38.524 $\pm$ 0.020 χ^2 /NDF: 21106.7/22

All: 38.065 $\pm$ 0.015 χ^2 /NDF: 85422.6/40

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728+/-0.017 χ^2/NDF : 903051.8/14

Left Out: -82.875+/-0.067 χ^2/NDF : 1761.4/4

Right Out: -66.788+/-0.016 χ^2/NDF : 809356.5/17

Left In: -77.628+/-0.046 χ^2/NDF : 2042.9/2

Left: -79.297+/-0.038 χ^2/NDF : 7962.5/7

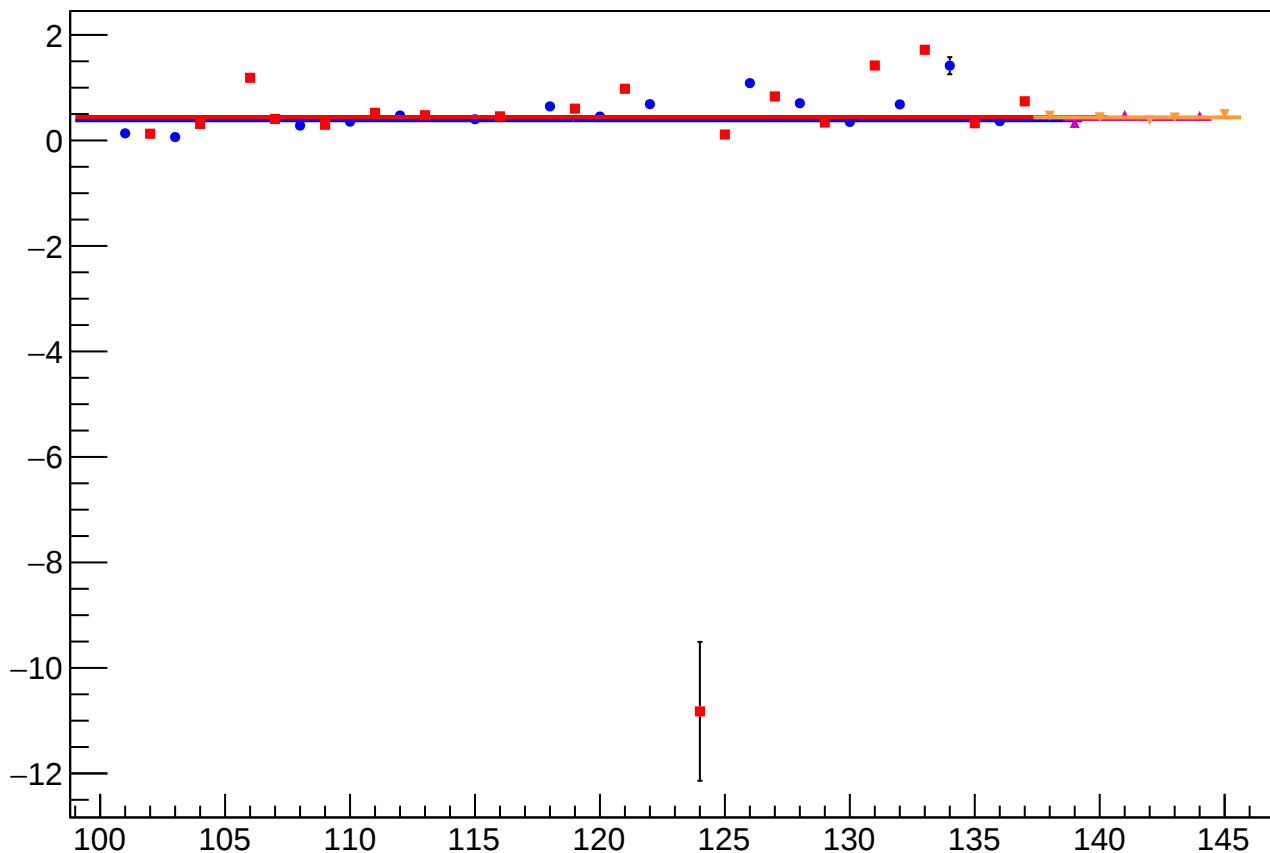
Right: -66.292+/-0.012 χ^2/NDF : 1714516.0/32

In: -67.142+/-0.016 χ^2/NDF : 964365.1/17

Out: -67.632+/-0.015 χ^2/NDF : 865432.5/22

All: -67.393+/-0.011 χ^2/NDF : 1830291.0/40

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: 0.407 $\pm$ 0.002 χ^2 /NDF:1947.1/2

Left: 0.421 $\pm$ 0.001 χ^2 /NDF: 2179.2/7

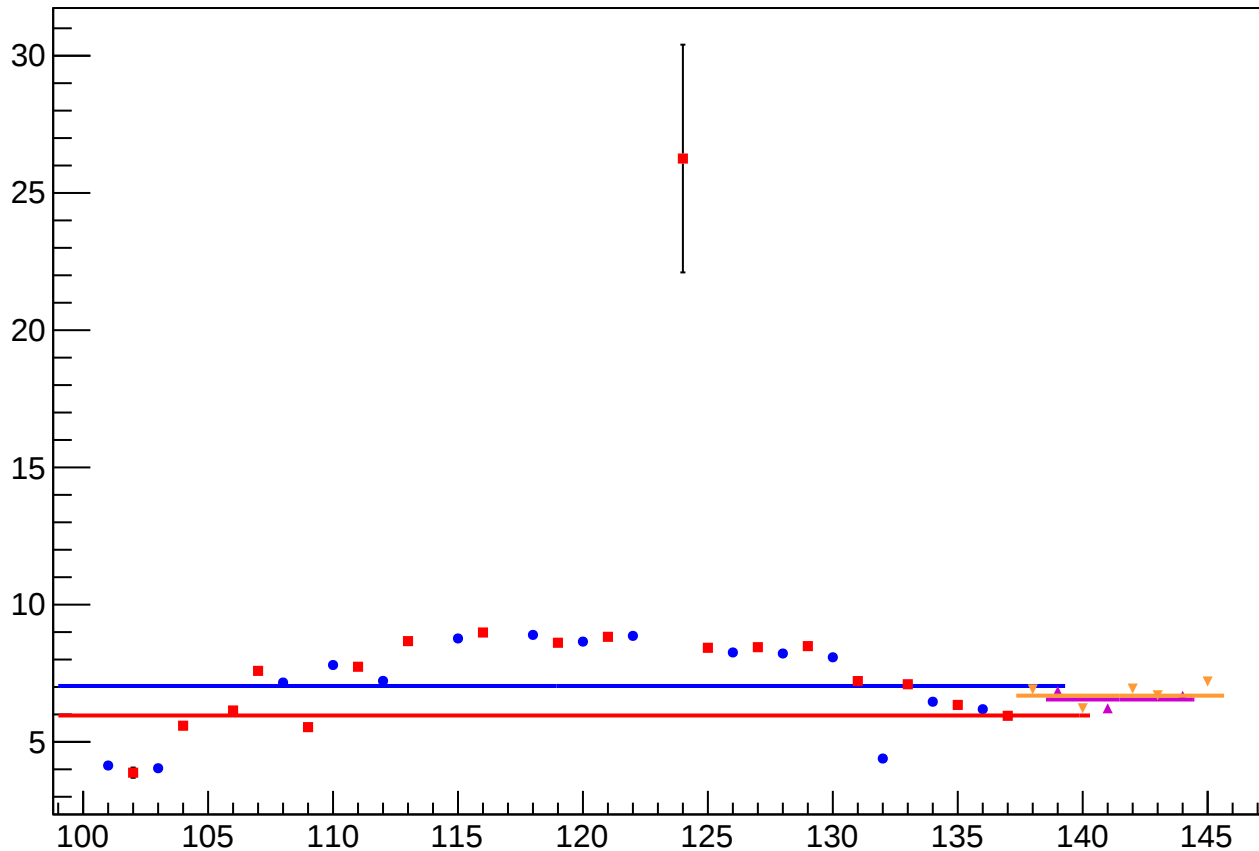
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.396 $\pm$ 0.001 χ^2 /NDF:10216.1/17

Out: 0.438 $\pm$ 0.002 χ^2 /NDF:2873.3/22

All: 0.413 $\pm$ 0.001 χ^2 /NDF: 13521.2/40

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.685 ± 0.005 χ^2/NDF : 3431.0/4

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.544 ± 0.005 χ^2/NDF : 3025.0/2

Left: 6.620 ± 0.003 χ^2/NDF : 6901.0/7

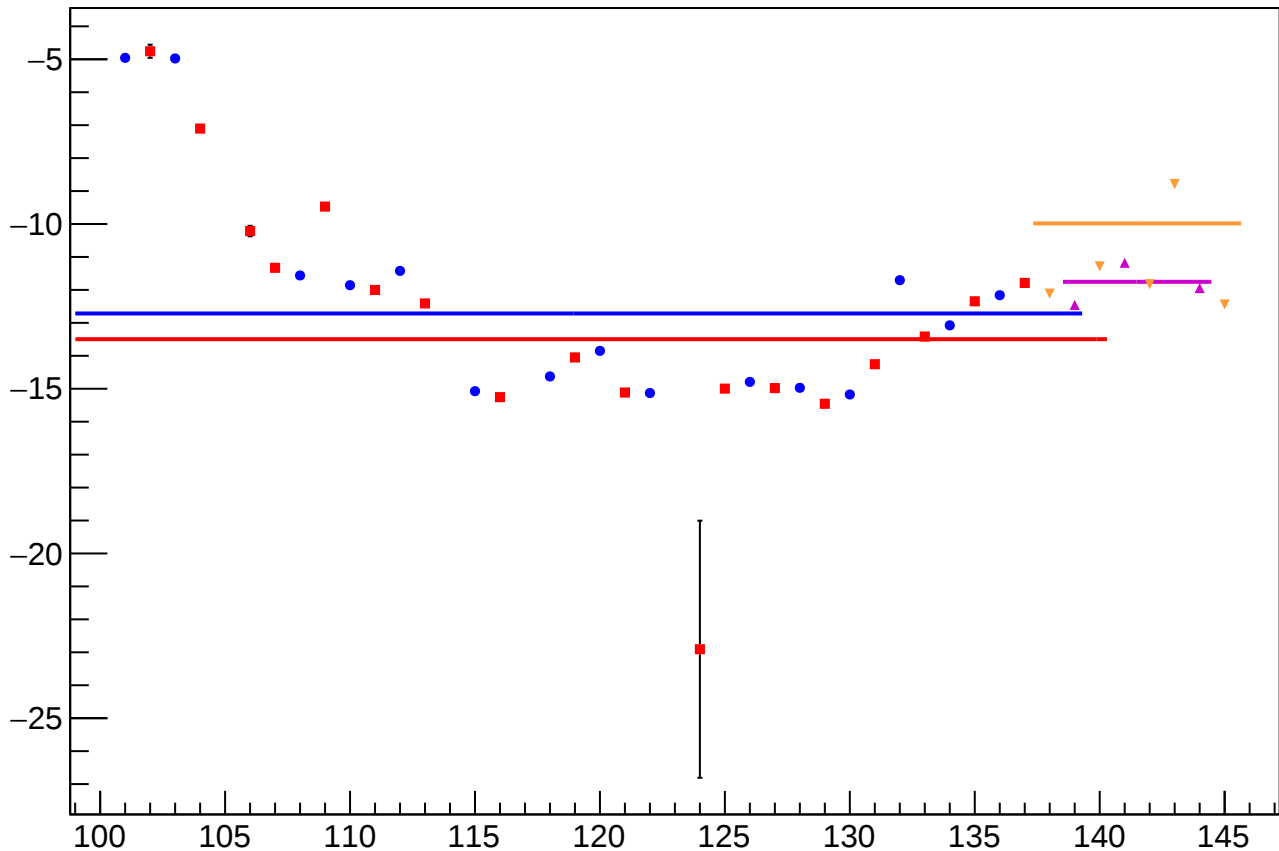
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.810 ± 0.003 χ^2/NDF : 78374.8/17

Out: 5.968 ± 0.000 χ^2/NDF : 197125.3/22

All: 5.980 ± 0.000 χ^2/NDF : 338751.6/40

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715+/-0.006 χ^2/NDF : 85219.4/14

Left Out: -9.982+/-0.005 χ^2/NDF : 96170.4/4

Right Out: -13.496+/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.755+/-0.009 χ^2/NDF : 3490.4/2

Left: -10.402+/-0.004 χ^2/NDF : 131243.6/7

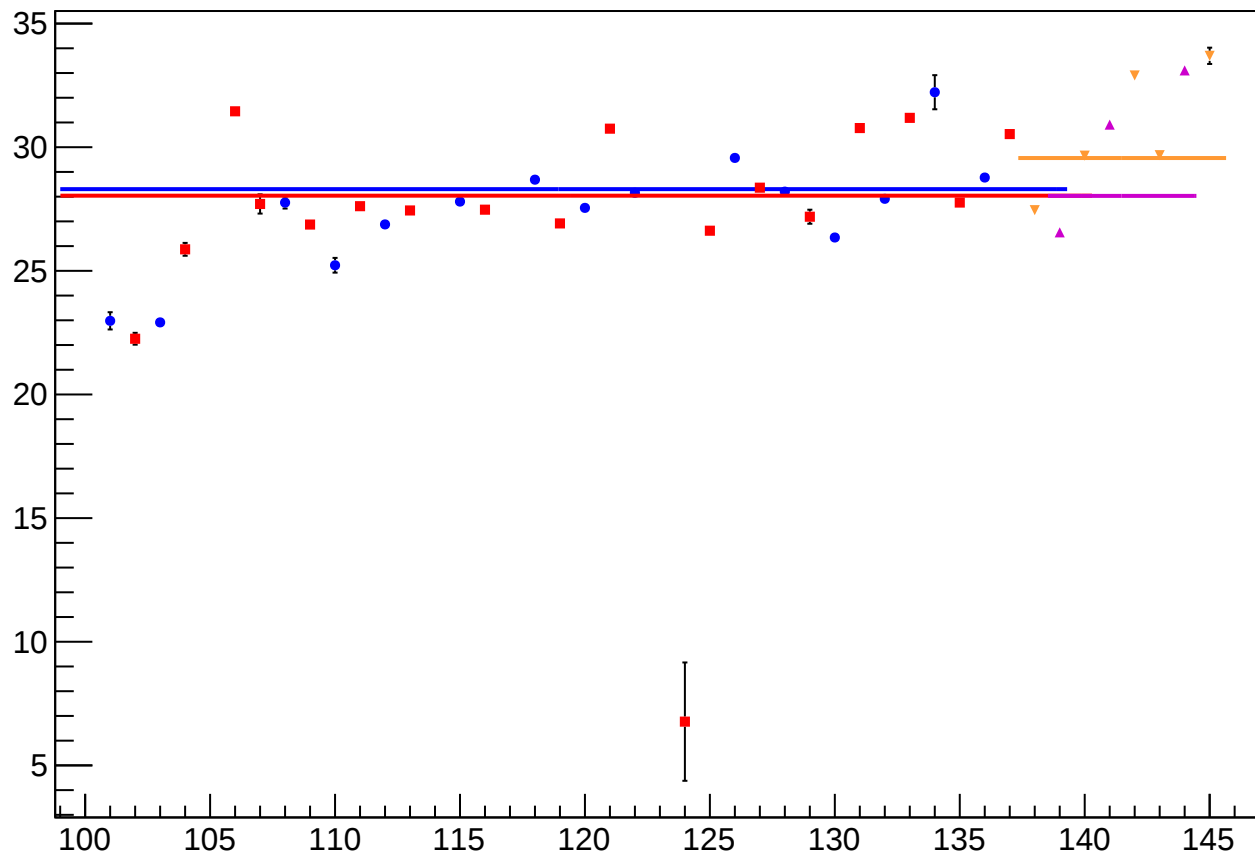
Right: -13.142+/-0.004 χ^2/NDF : 149153.5/32

In: -12.380+/-0.005 χ^2/NDF : 96625.9/17

Out: -11.428+/-0.004 χ^2/NDF : 367139.7/22

All: -11.755+/-0.003 χ^2/NDF : 486231.5/40

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: 28.031 $\pm$ 0.045 χ^2 /NDF:2678.2/2

Left: 28.669 $\pm$ 0.034 χ^2 /NDF: 3916.5/7

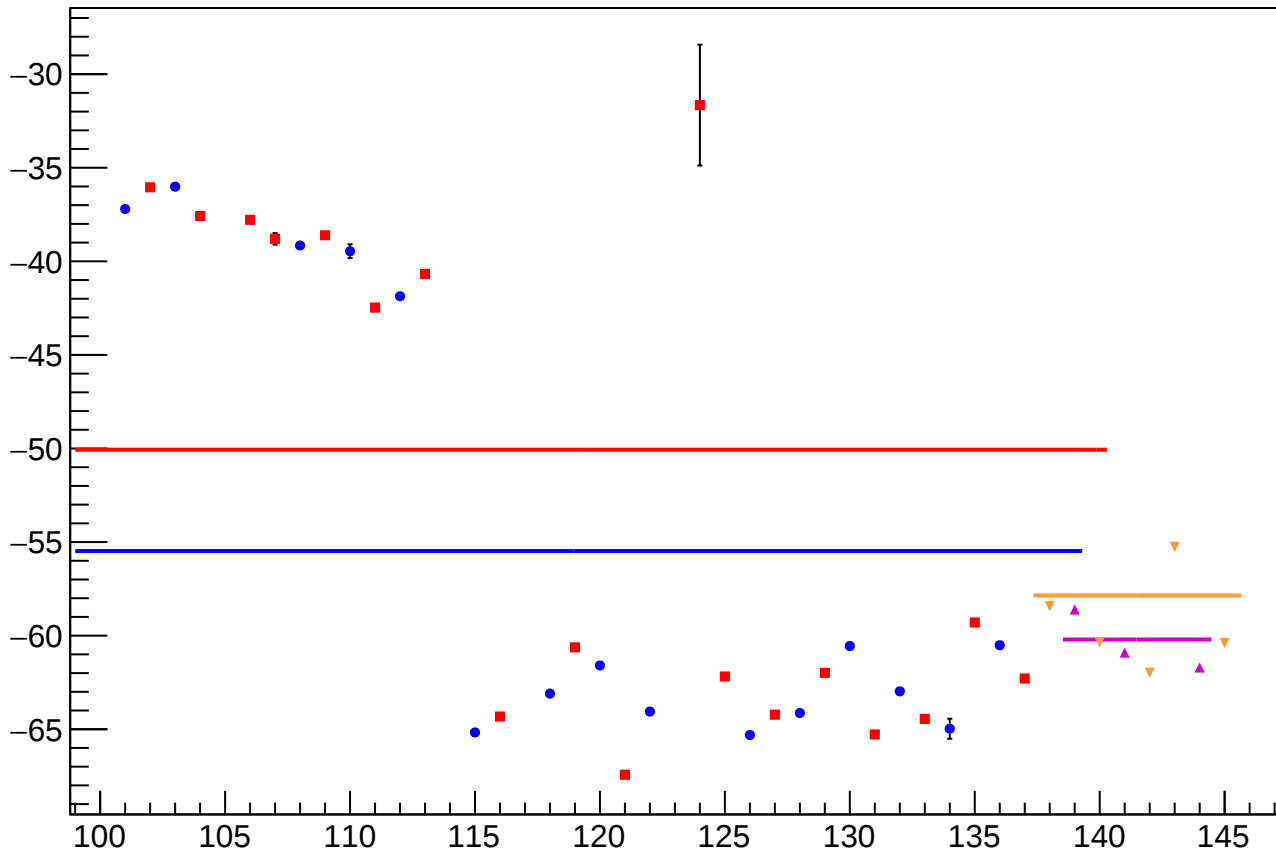
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.247 $\pm$ 0.021 χ^2 /NDF:6107.6/17

Out: 28.415 $\pm$ 0.026 χ^2 /NDF:3934.7/22

All: 28.310 $\pm$ 0.016 χ^2 /NDF: 10067.6/40

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: -60.206 ± 0.053 $\chi^2/\text{NDF}: 544.4/2$

Left: -58.863 ± 0.035 $\chi^2/\text{NDF}: 4713.8/7$

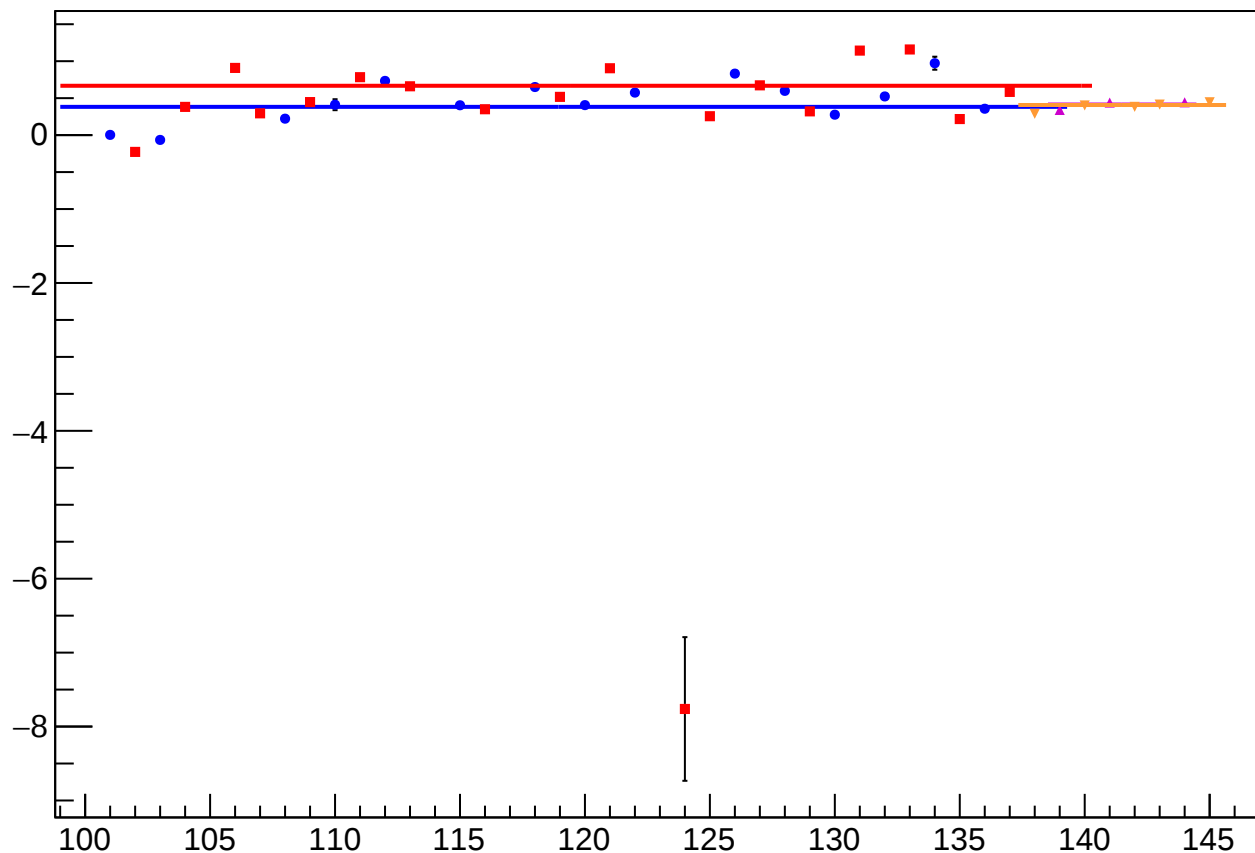
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.903 ± 0.016 $\chi^2/\text{NDF}: 602972.6/17$

Out: -51.647 ± 0.021 $\chi^2/\text{NDF}: 366165.6/22$

All: -54.330 ± 0.013 $\chi^2/\text{NDF}: 995934.2/40$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.407 ± 0.001 $\chi^2/\text{NDF}: 260.2/4$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.414 ± 0.001 $\chi^2/\text{NDF}: 958.8/2$

Left: 0.410 ± 0.001 $\chi^2/\text{NDF}: 1232.0/7$

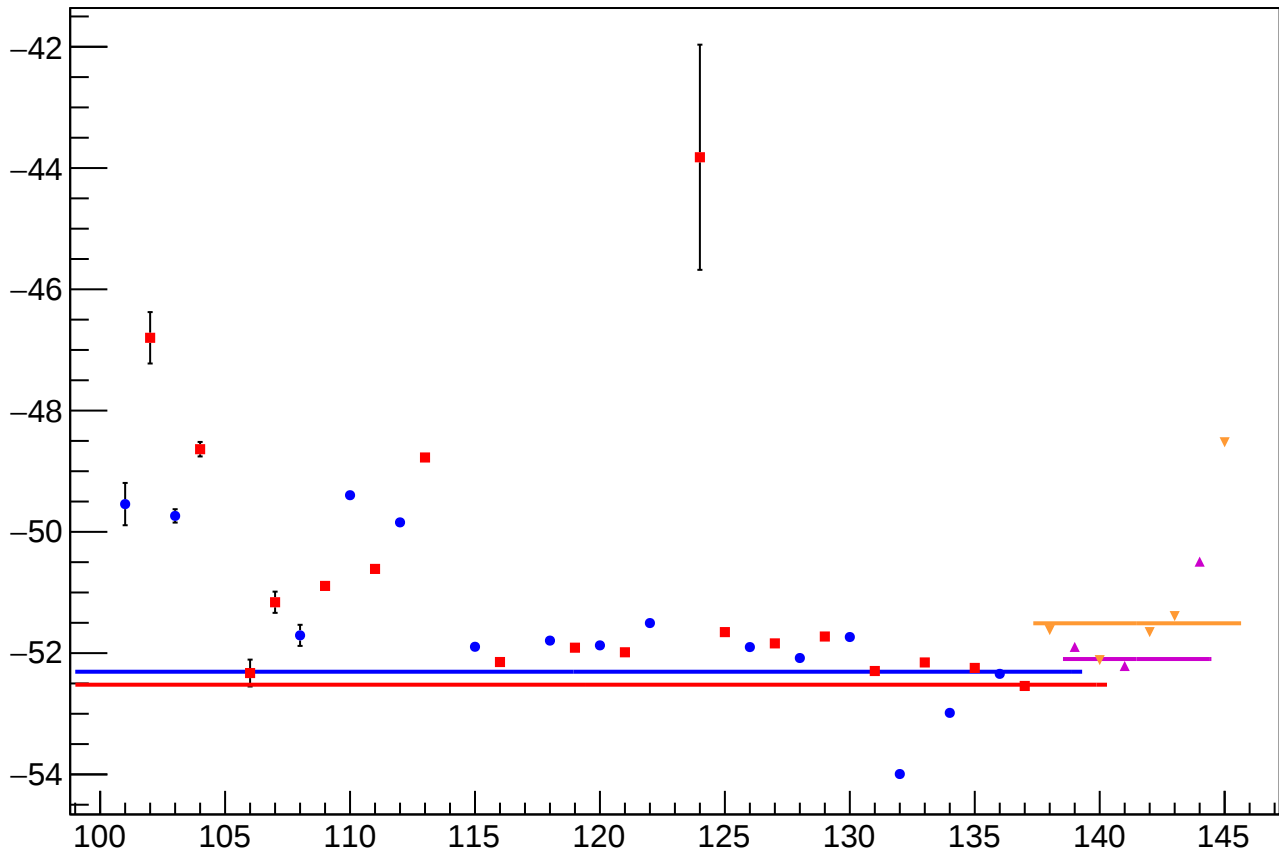
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.400 ± 0.001 $\chi^2/\text{NDF}: 5773.8/17$

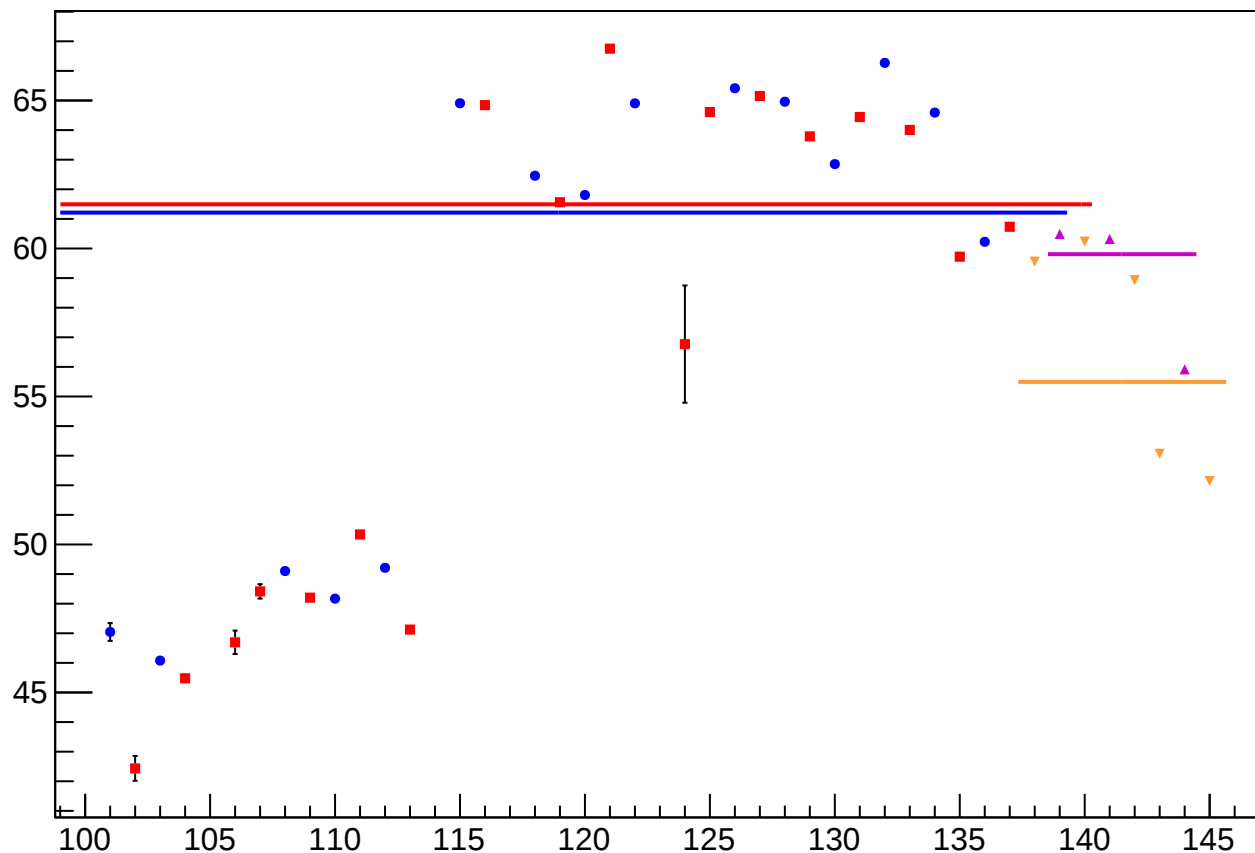
Out: 0.424 ± 0.001 $\chi^2/\text{NDF}: 6947.4/22$

All: 0.411 ± 0.001 $\chi^2/\text{NDF}: 12956.3/40$

dit_sam8_4aY_slope vs Slug, Sign Corrected



dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.494 ± 0.007 $\chi^2/\text{NDF}: 186482.0/4$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 59.807 ± 0.023 $\chi^2/\text{NDF}: 4019.2/2$

Left: 55.907 ± 0.007 $\chi^2/\text{NDF}: 222597.6/7$

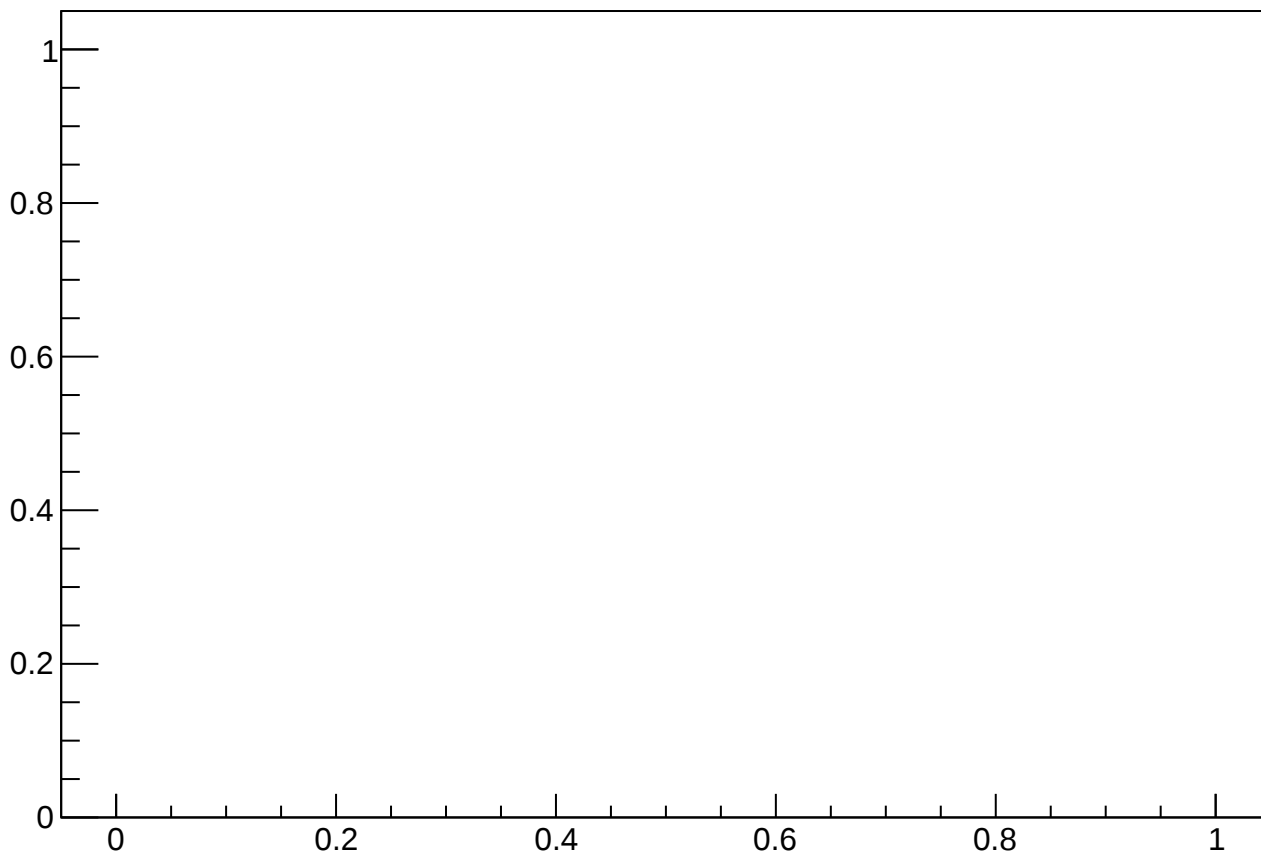
Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 60.990 ± 0.009 $\chi^2/\text{NDF}: 163815.8/17$

Out: 58.805 ± 0.005 $\chi^2/\text{NDF}: 787360.1/22$

All: 59.310 ± 0.004 $\chi^2/\text{NDF}: 995458.8/40$

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

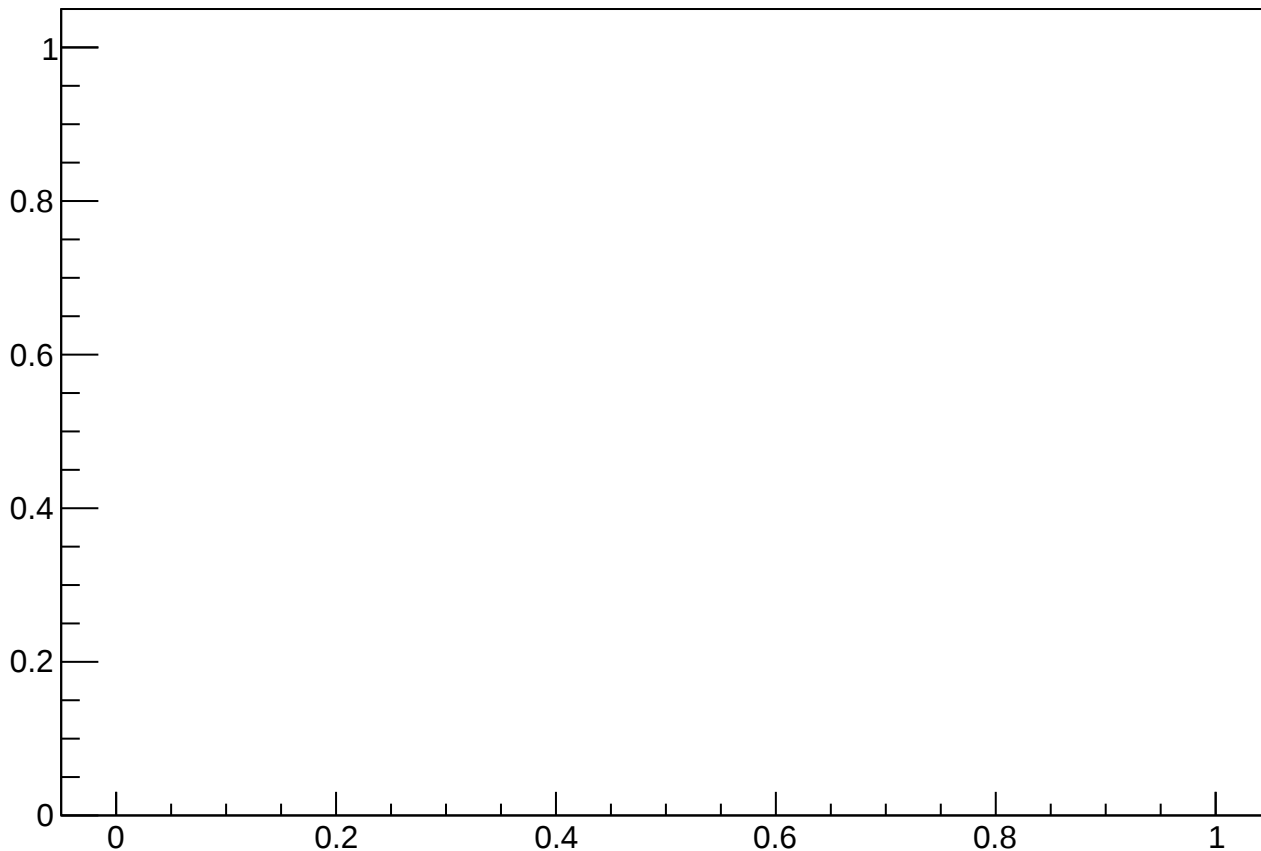
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

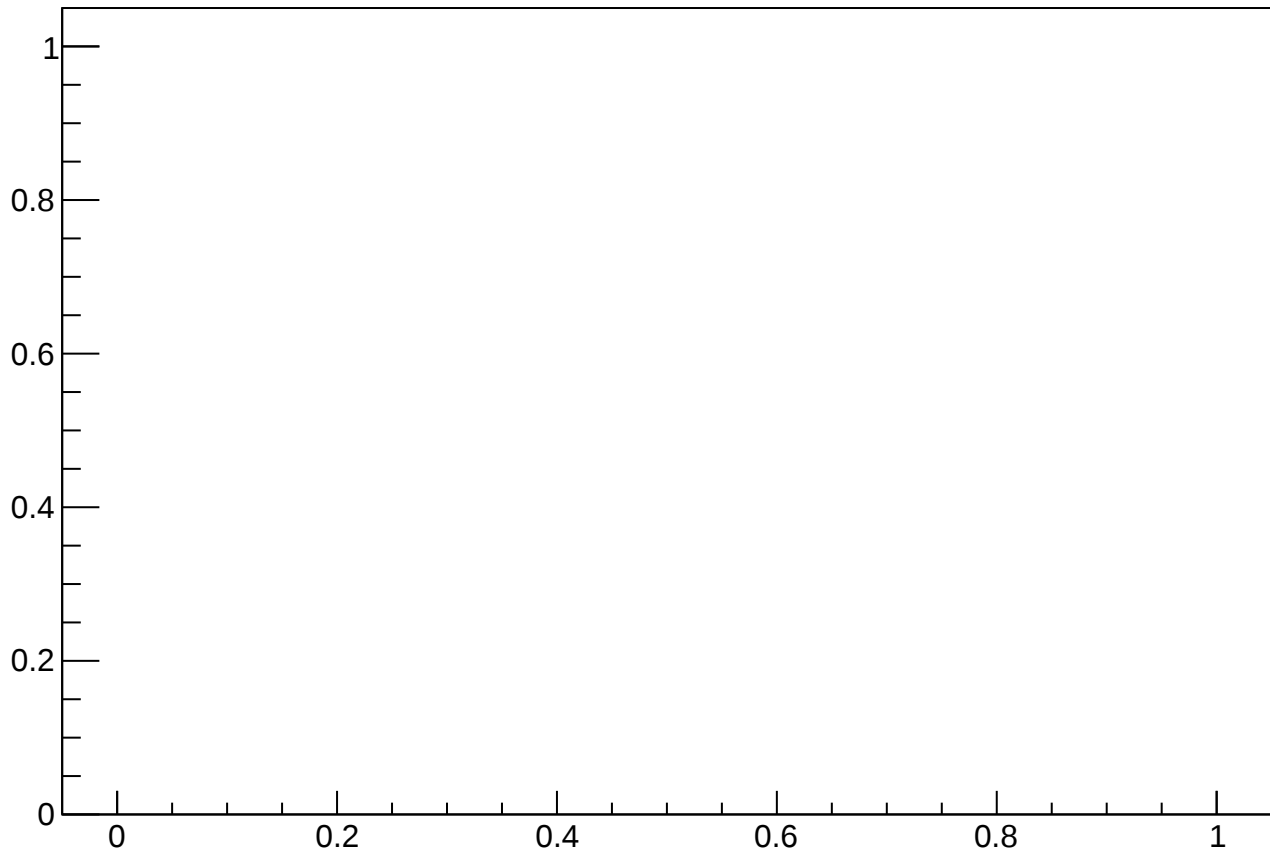
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

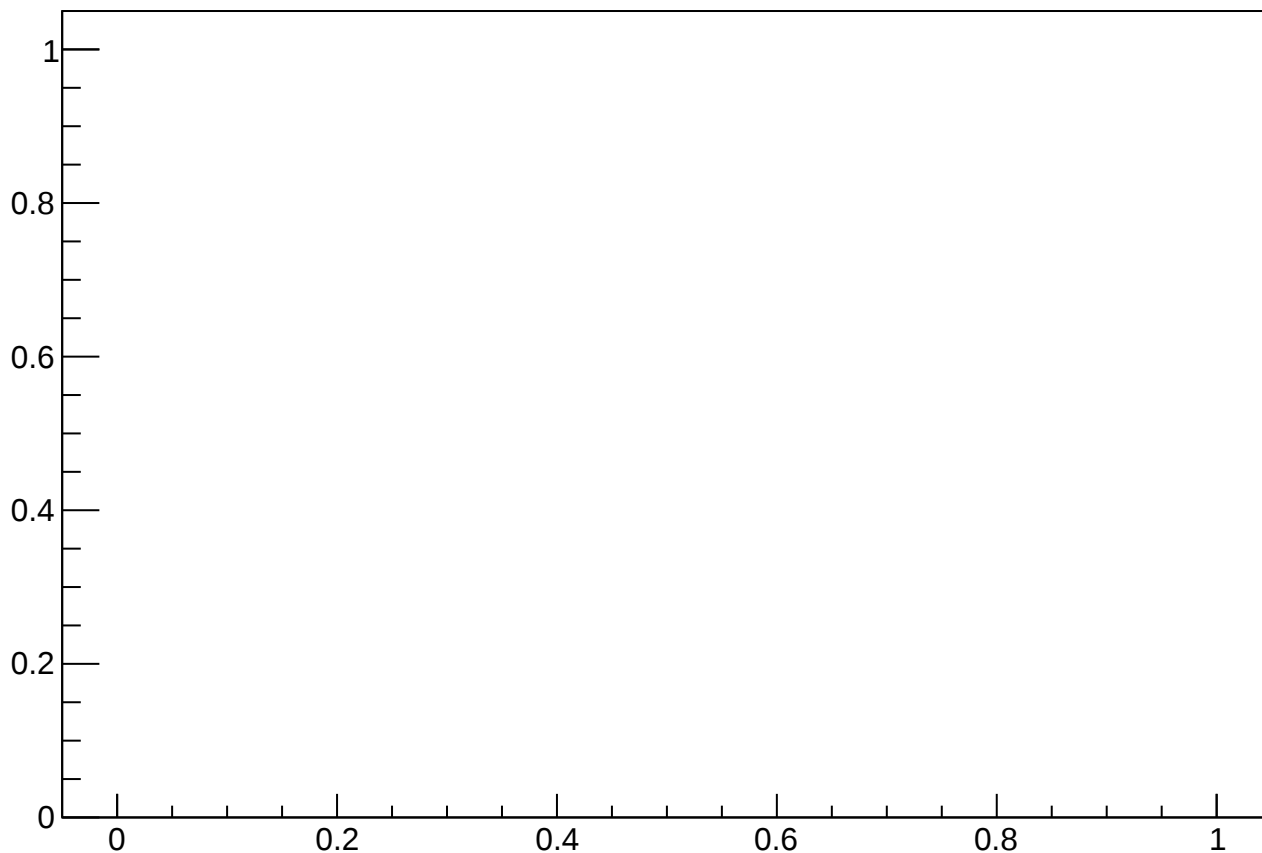
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

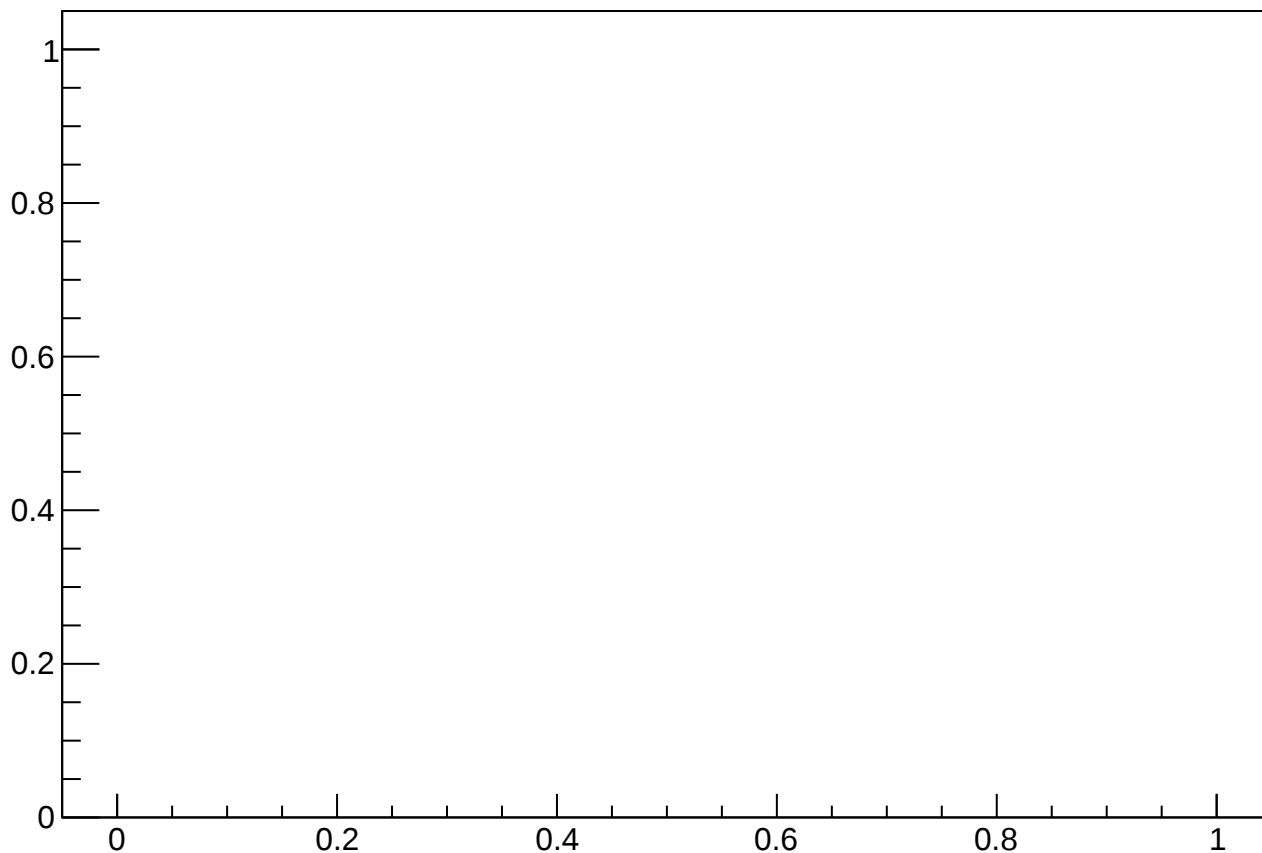
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

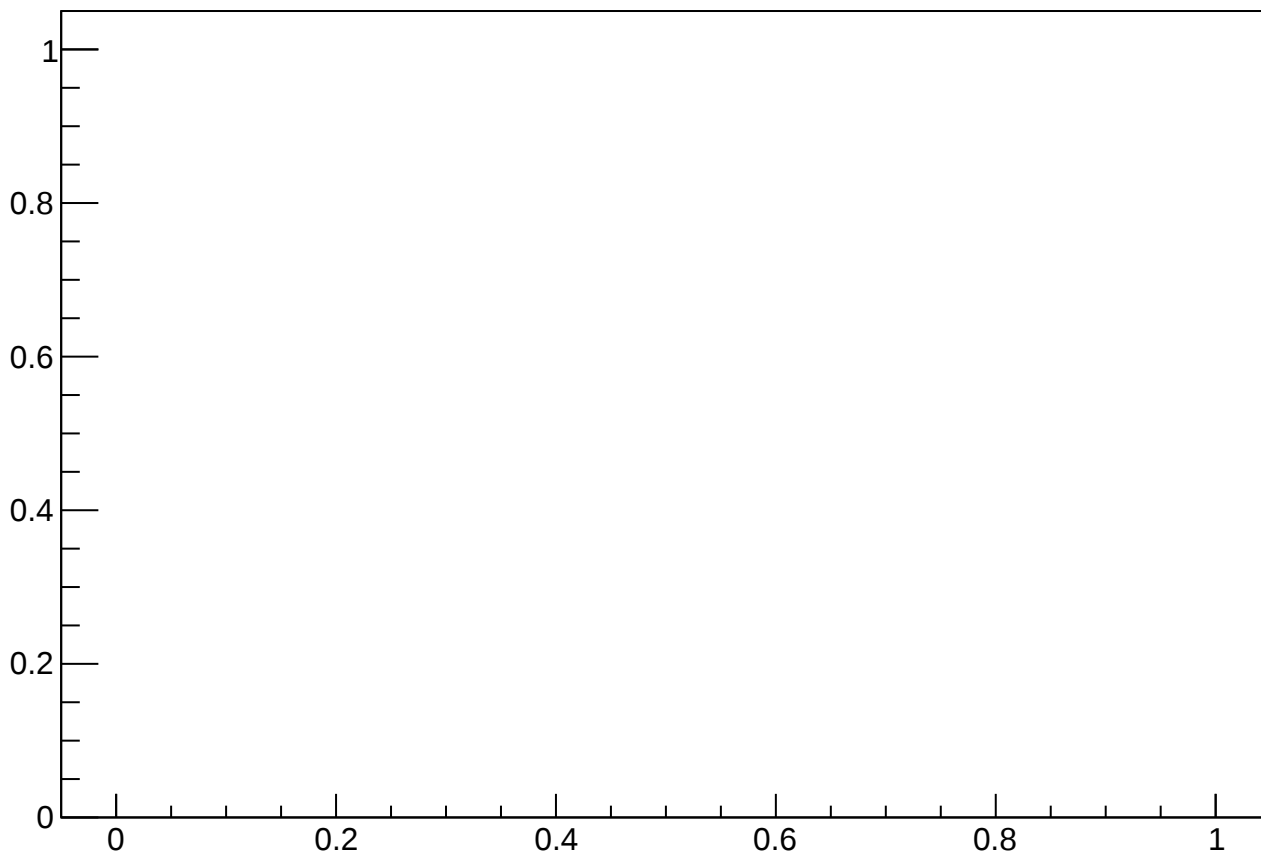
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

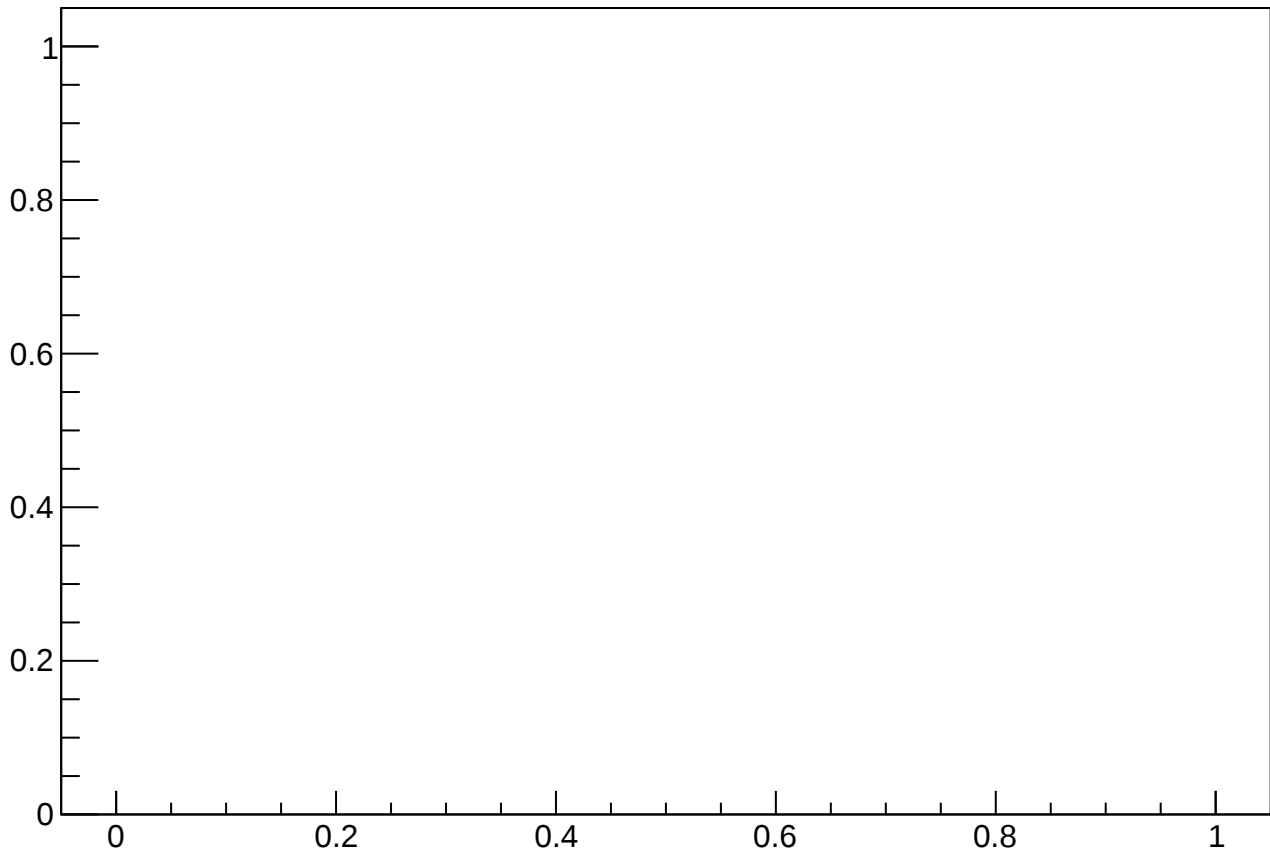
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

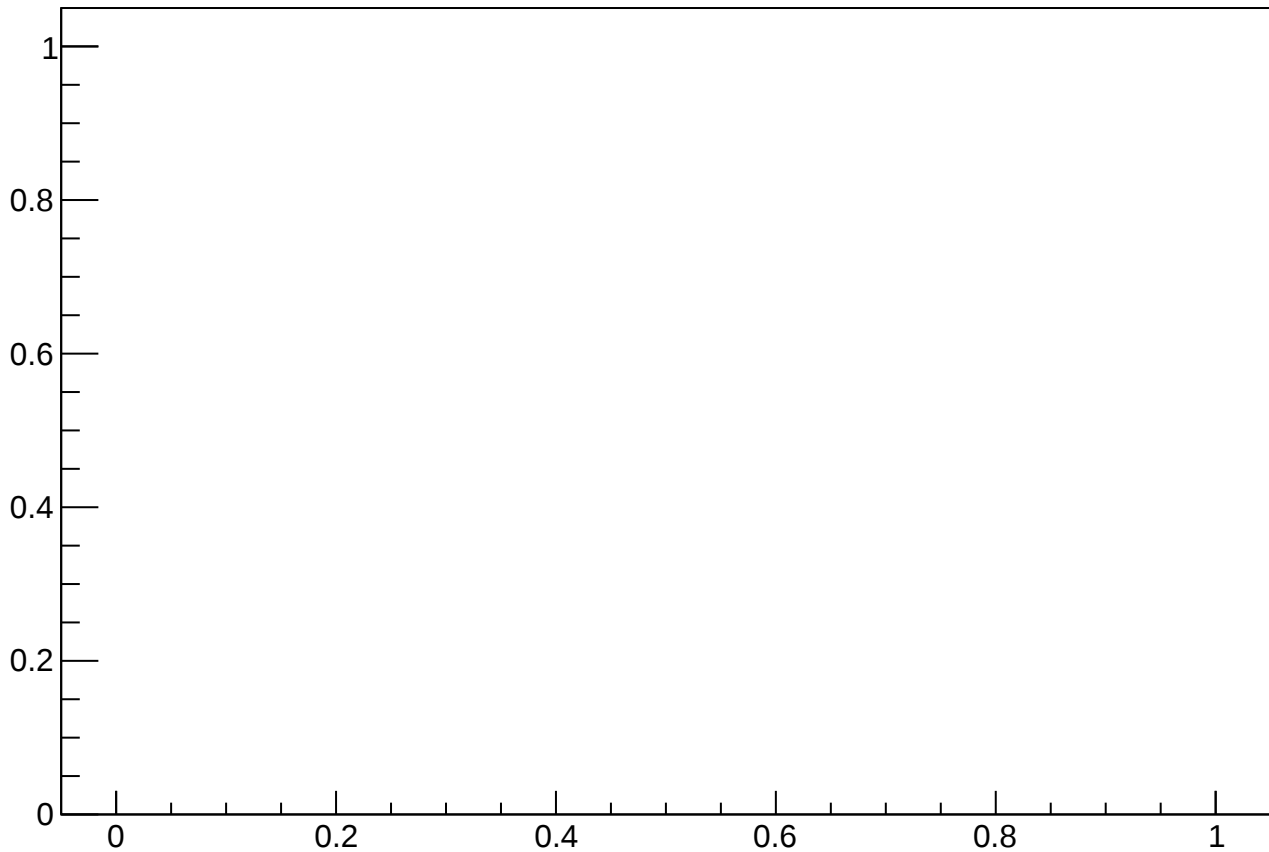
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

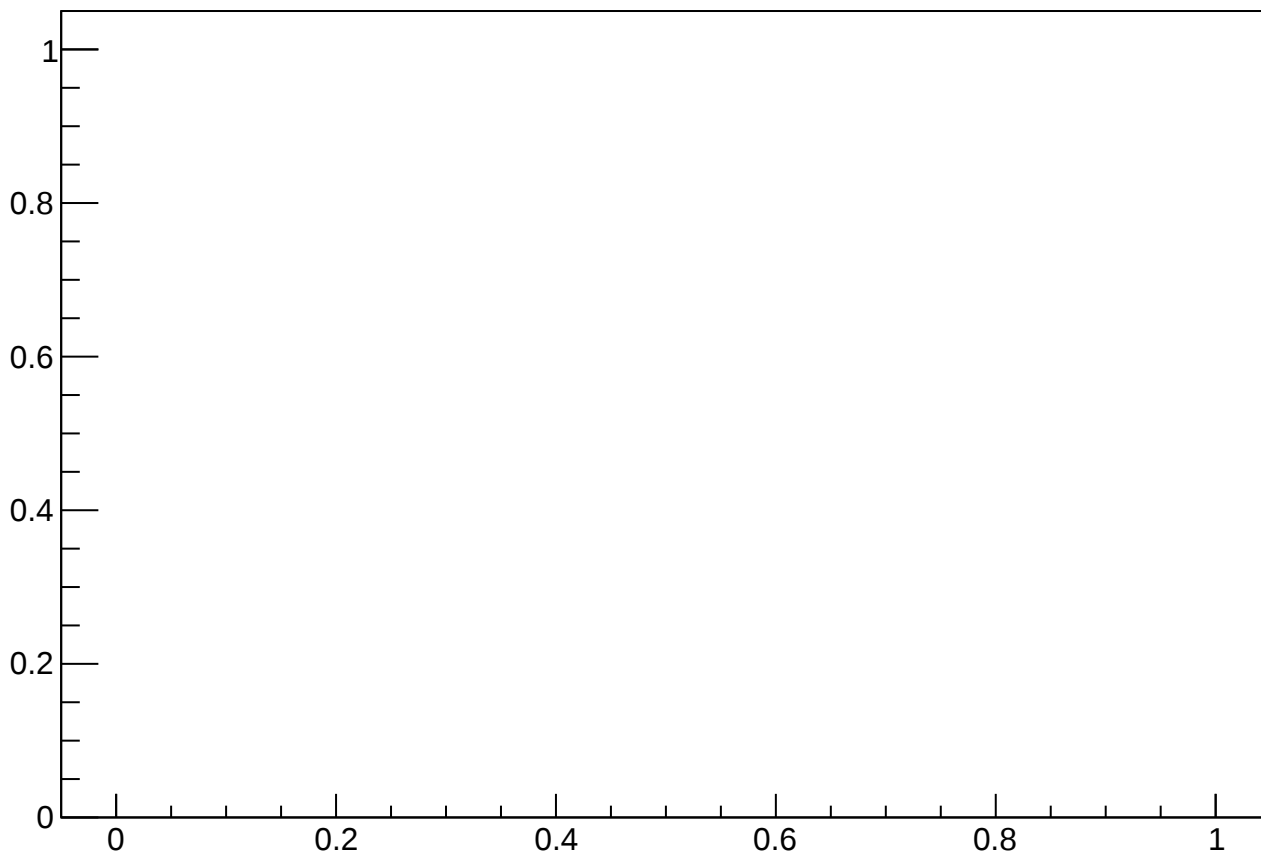
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

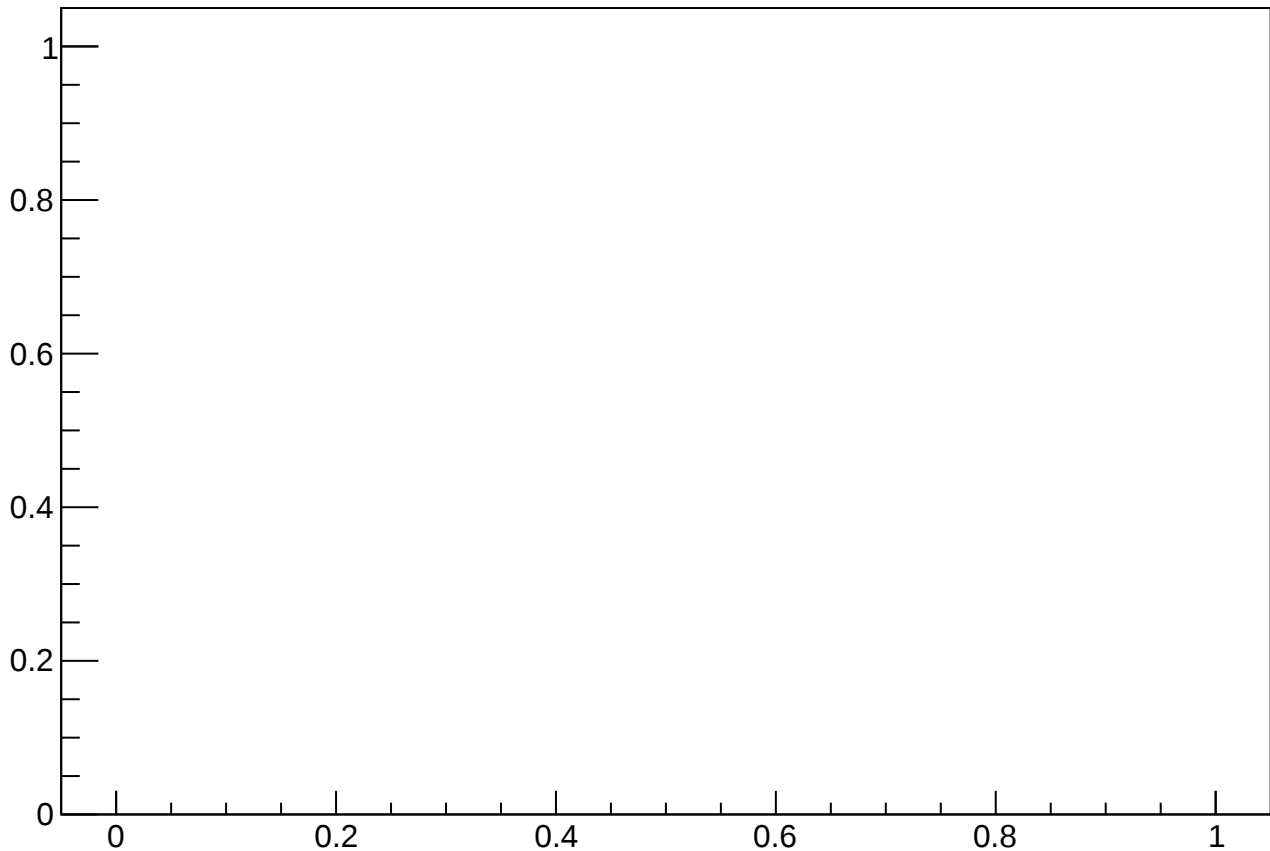
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

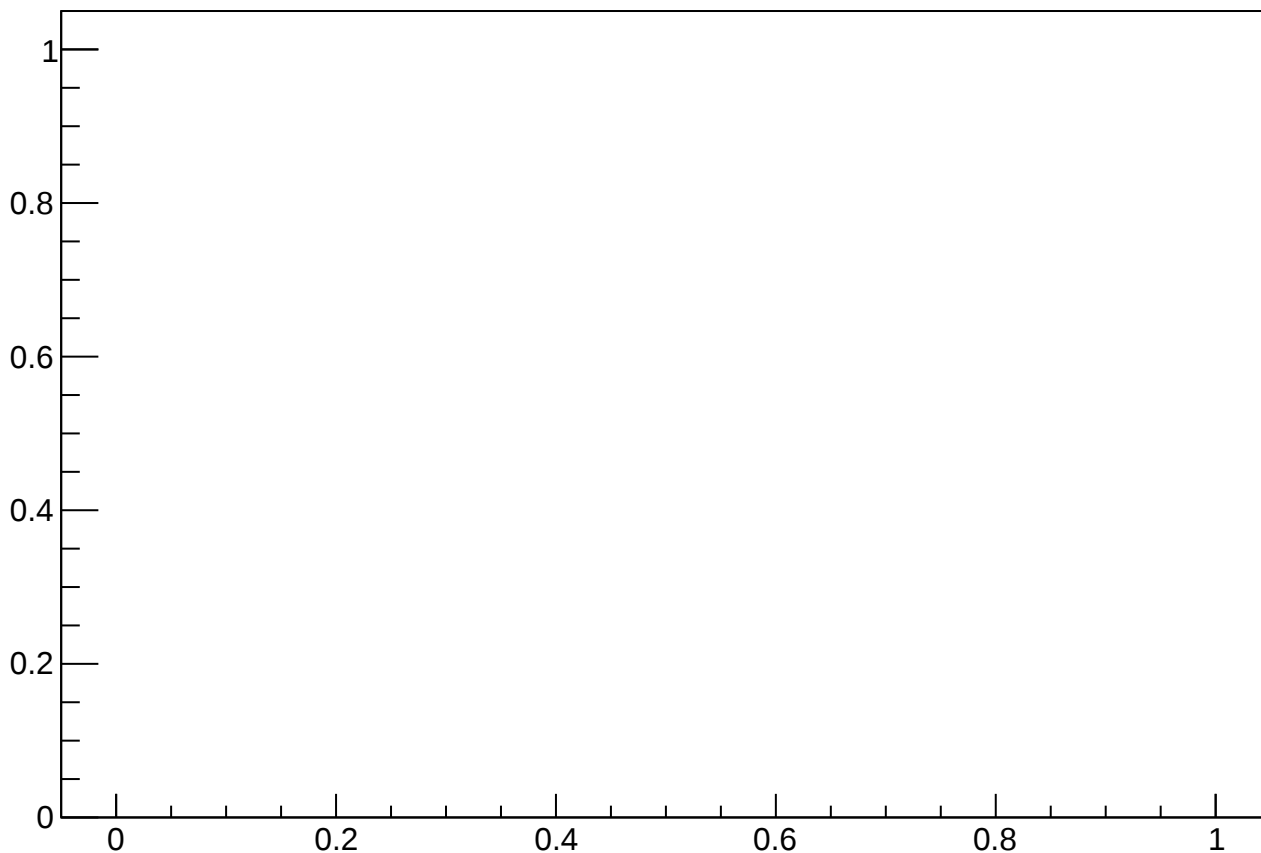
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

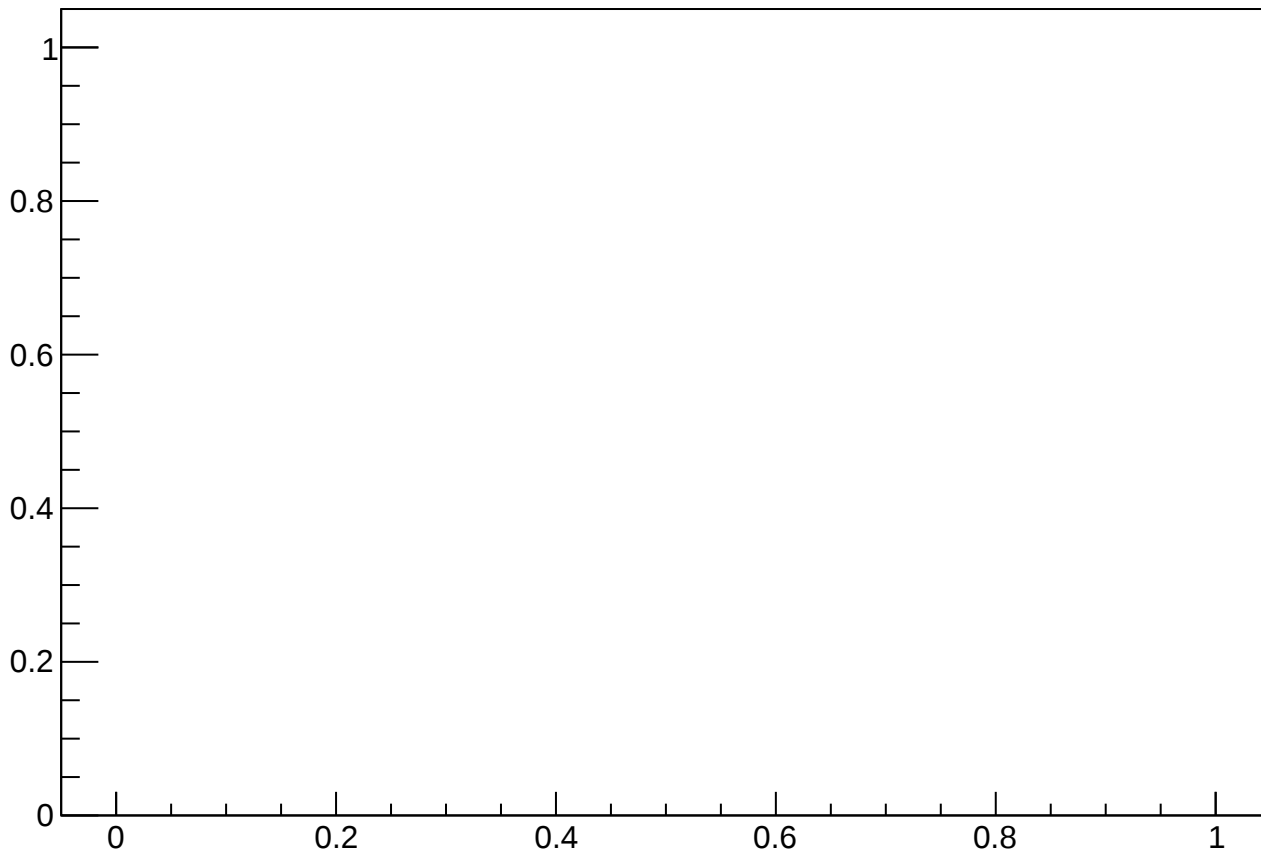
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

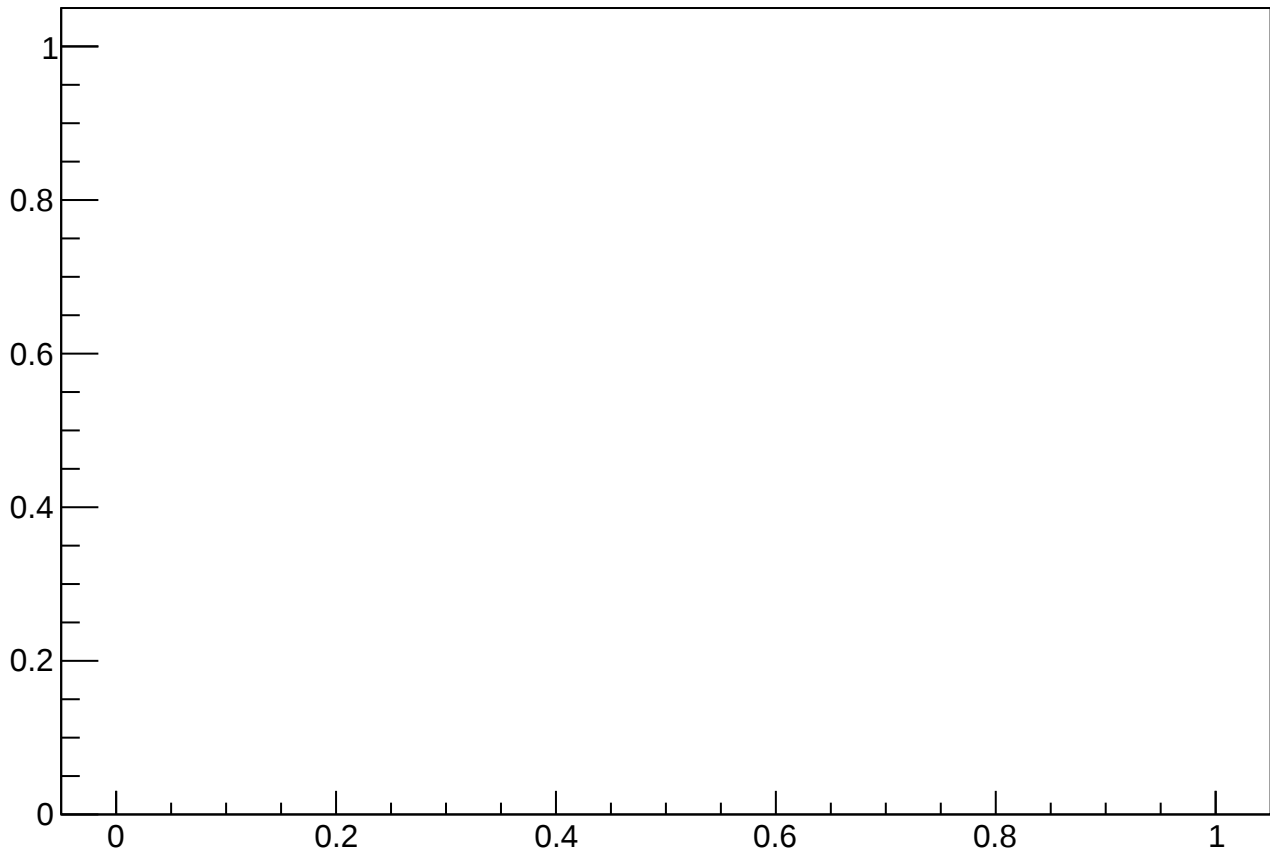
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

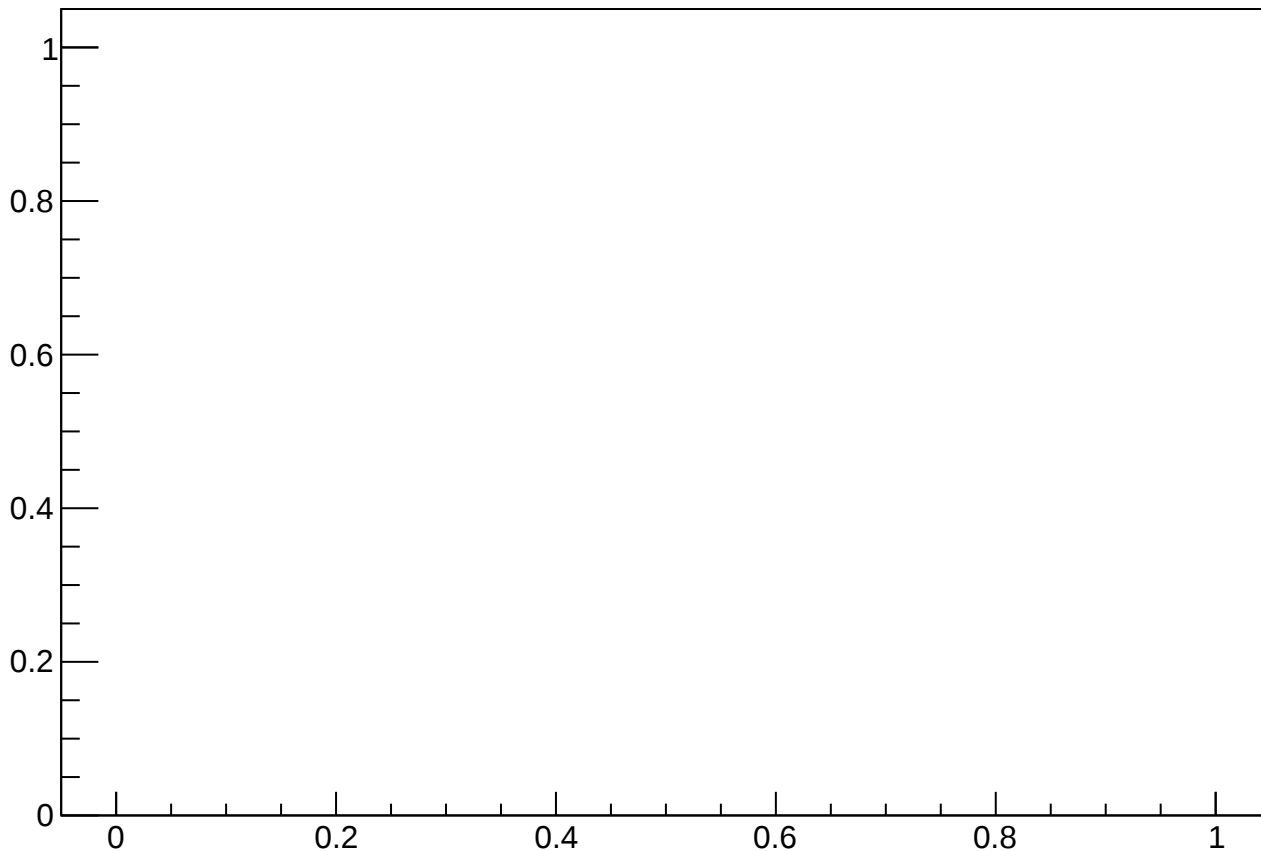
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

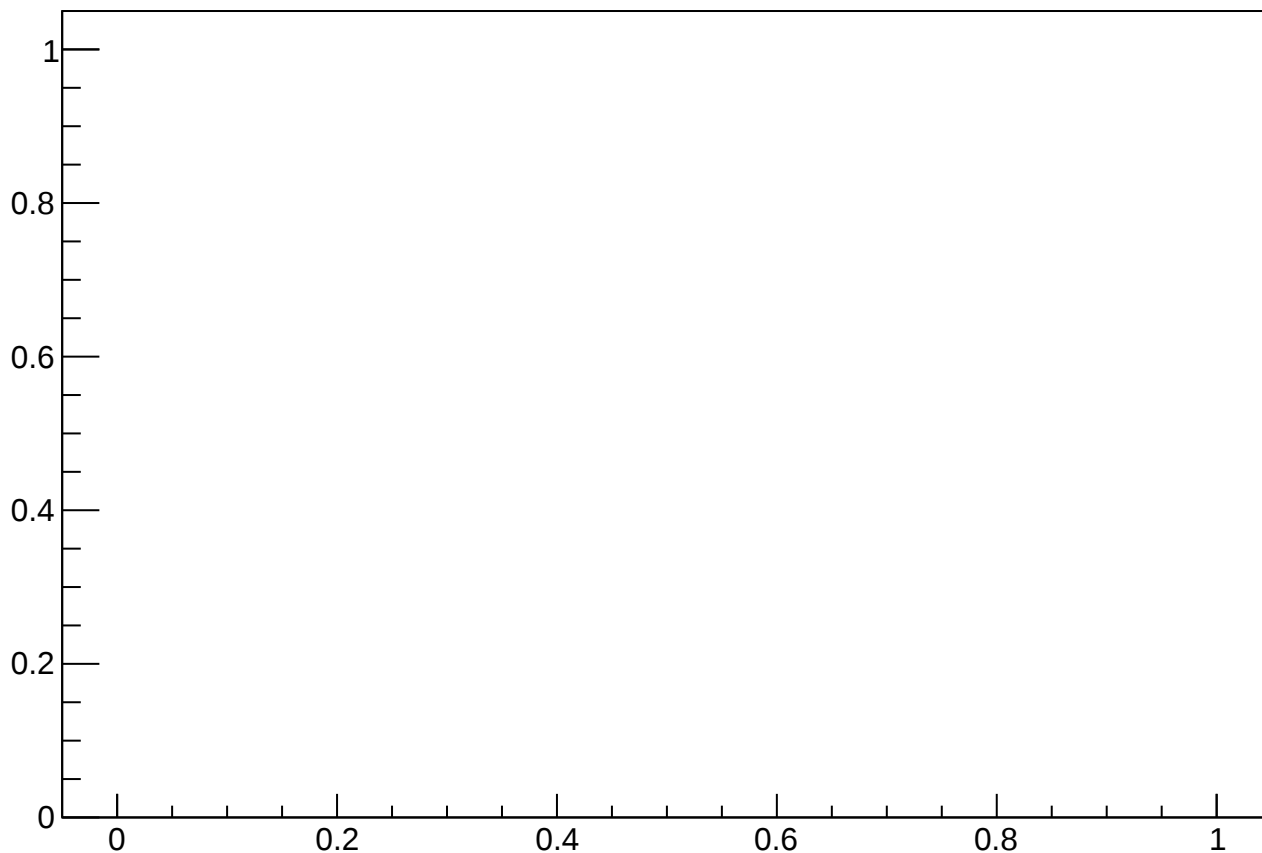
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

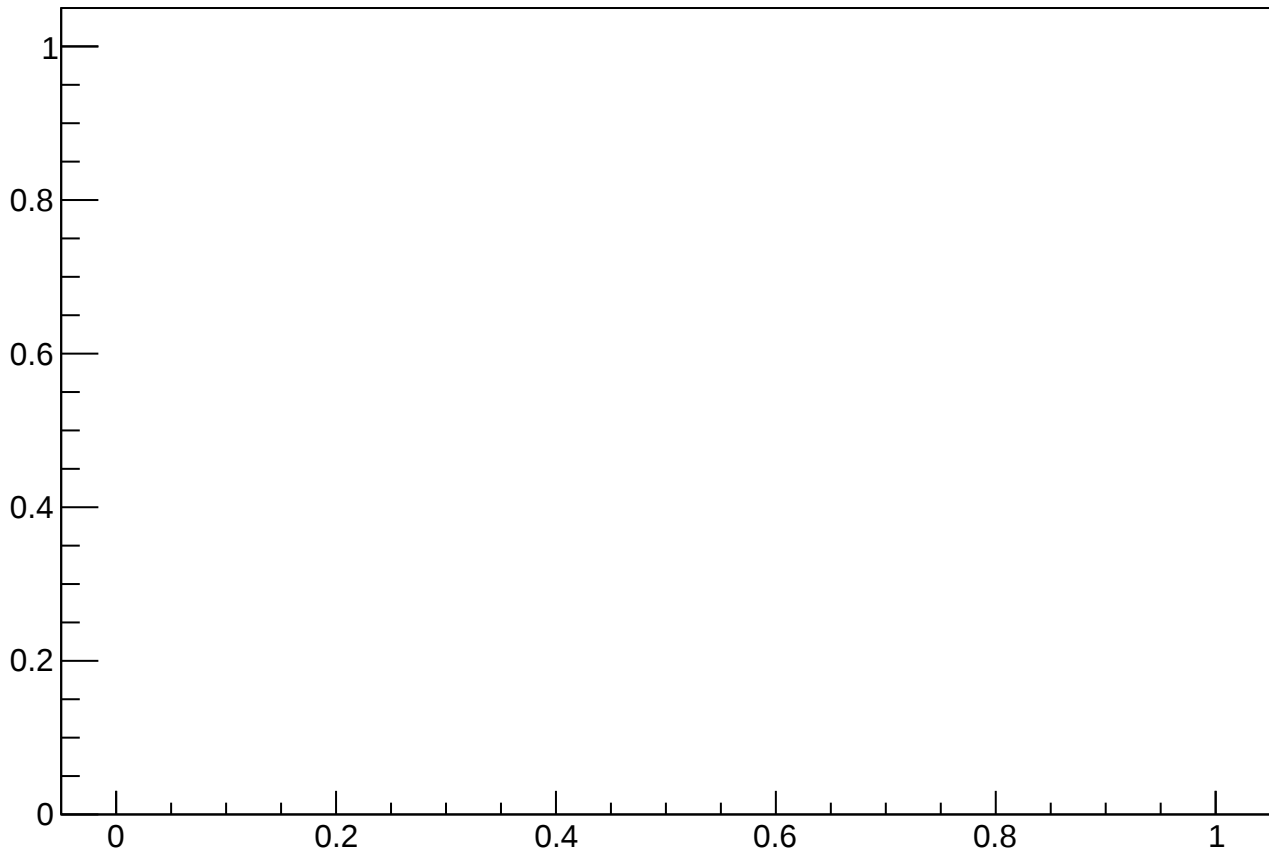
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

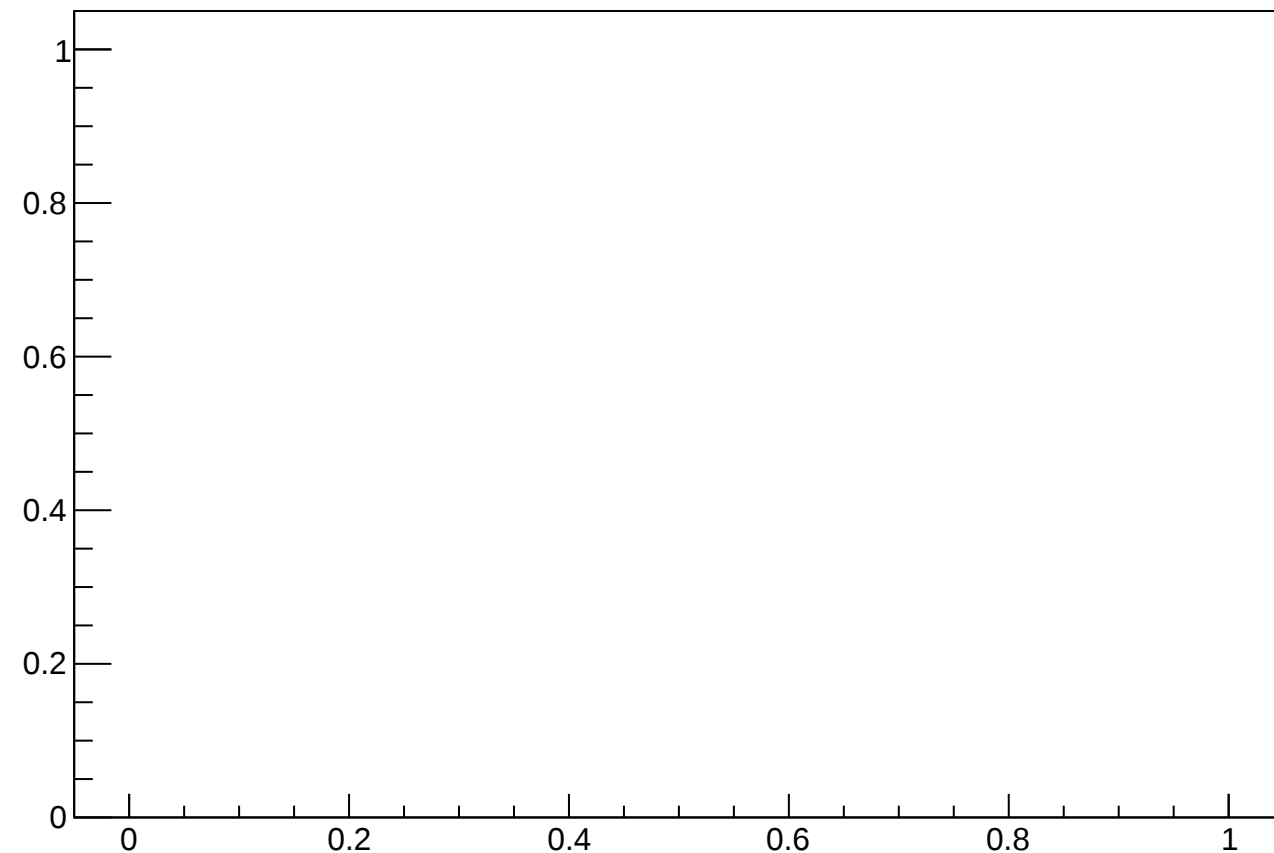
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

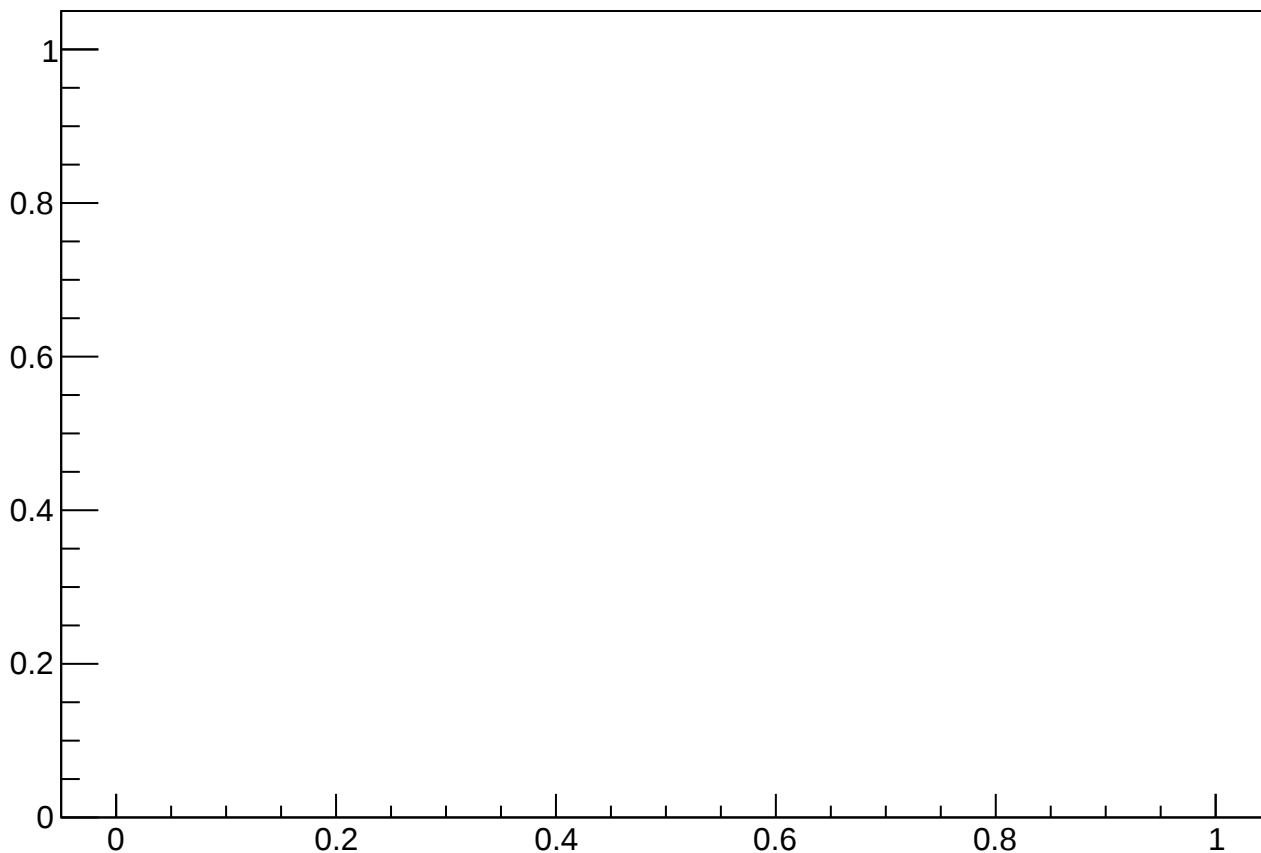
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

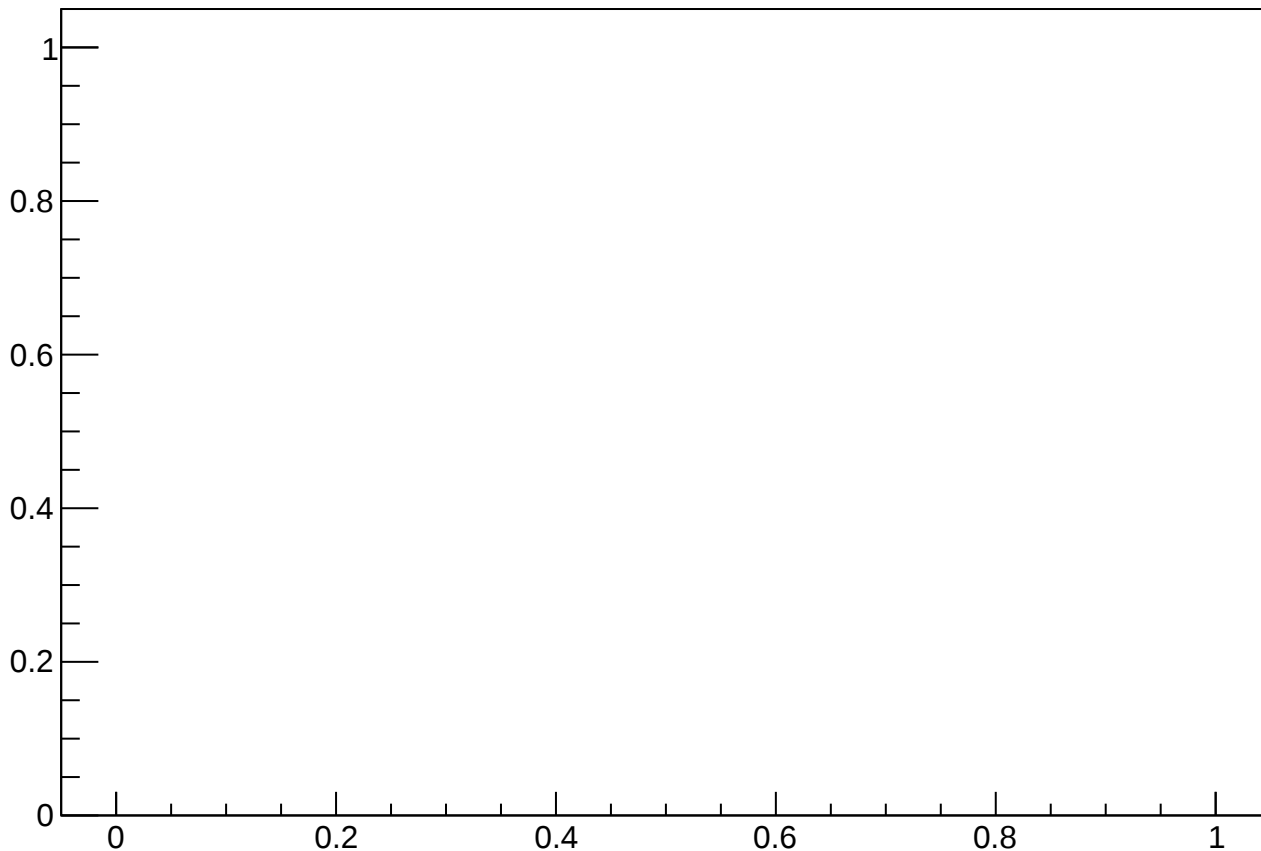
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

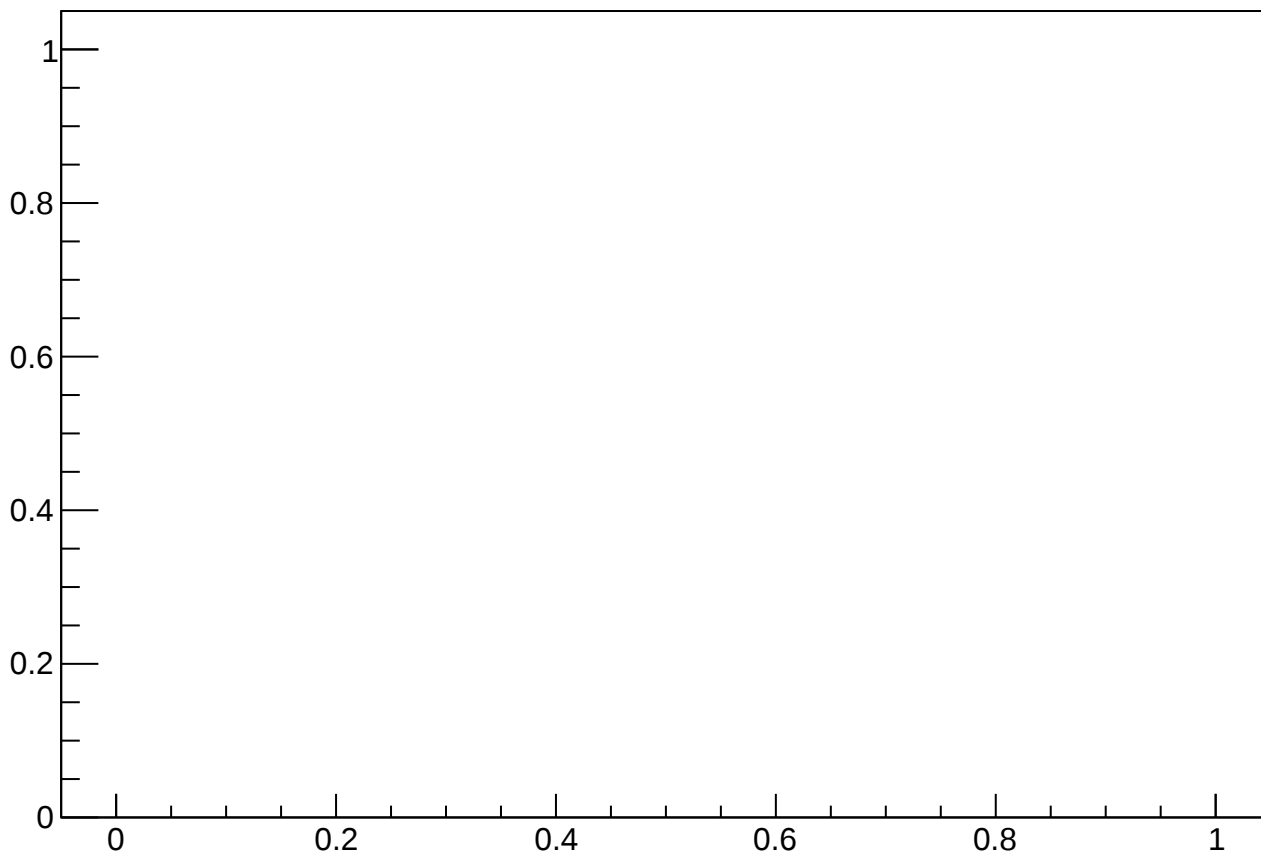
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

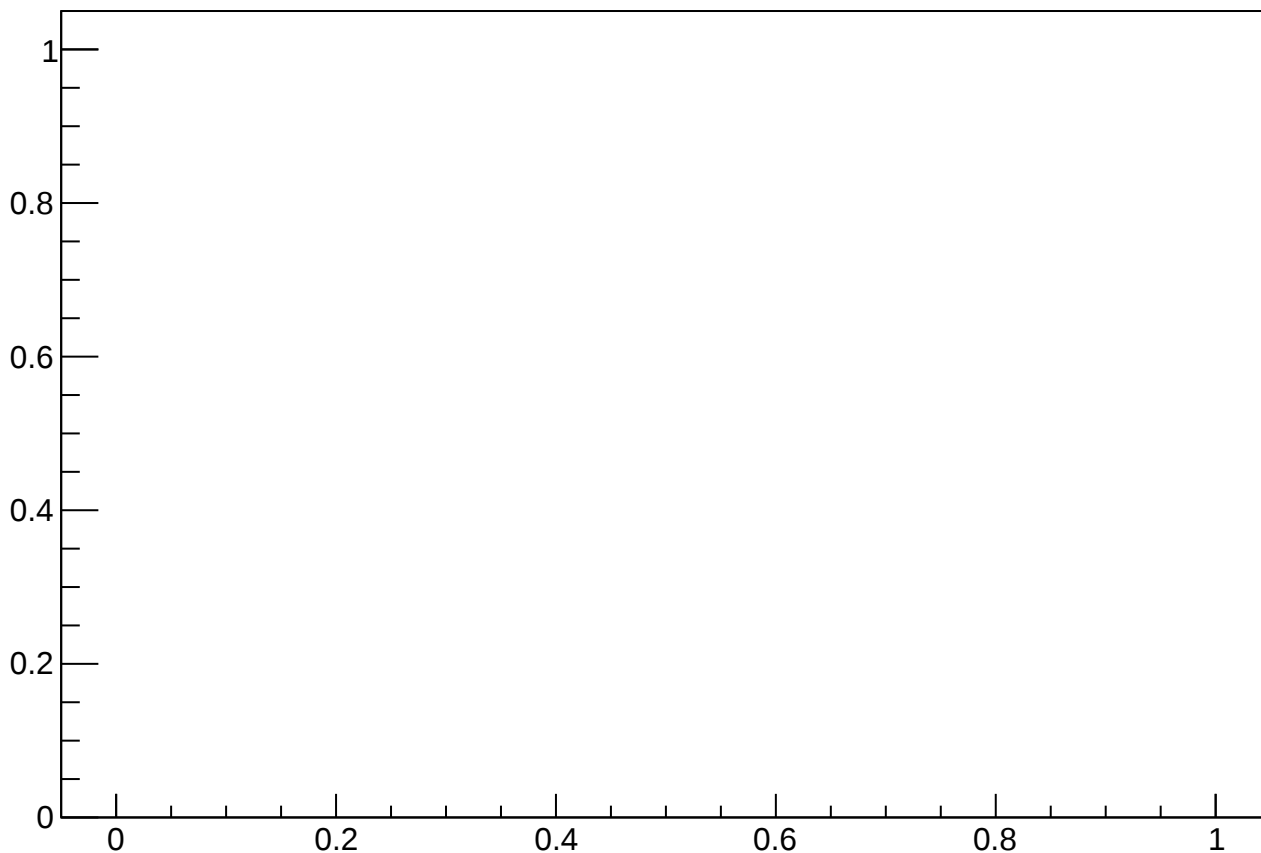
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

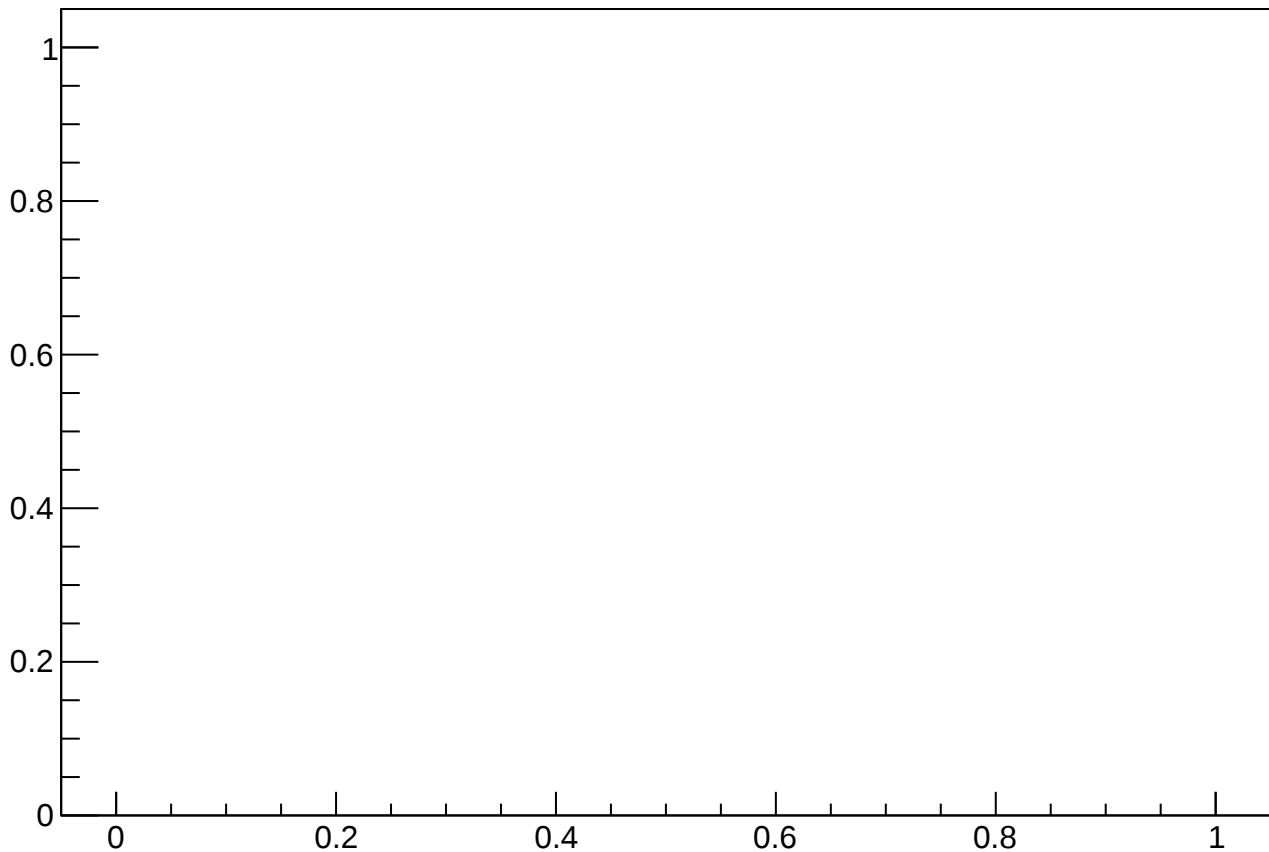
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

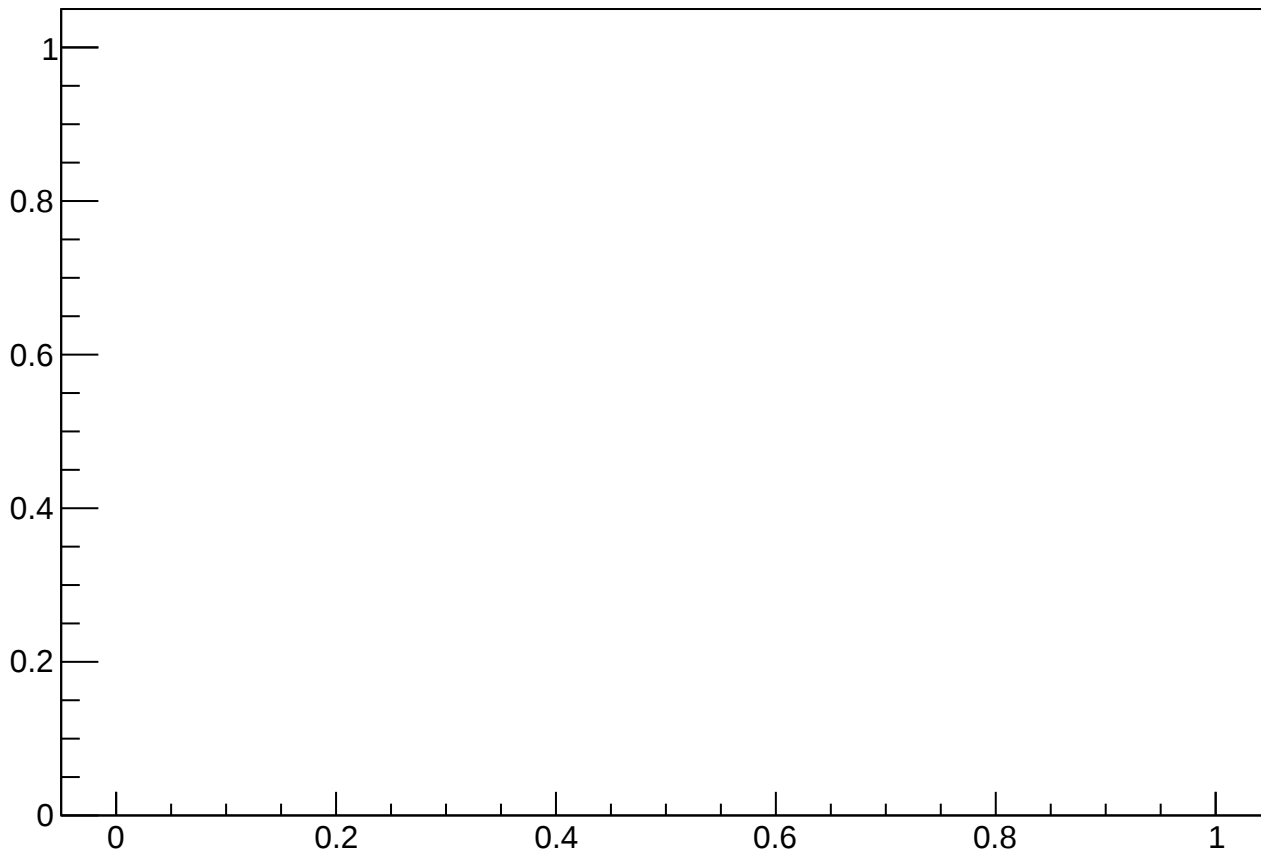
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

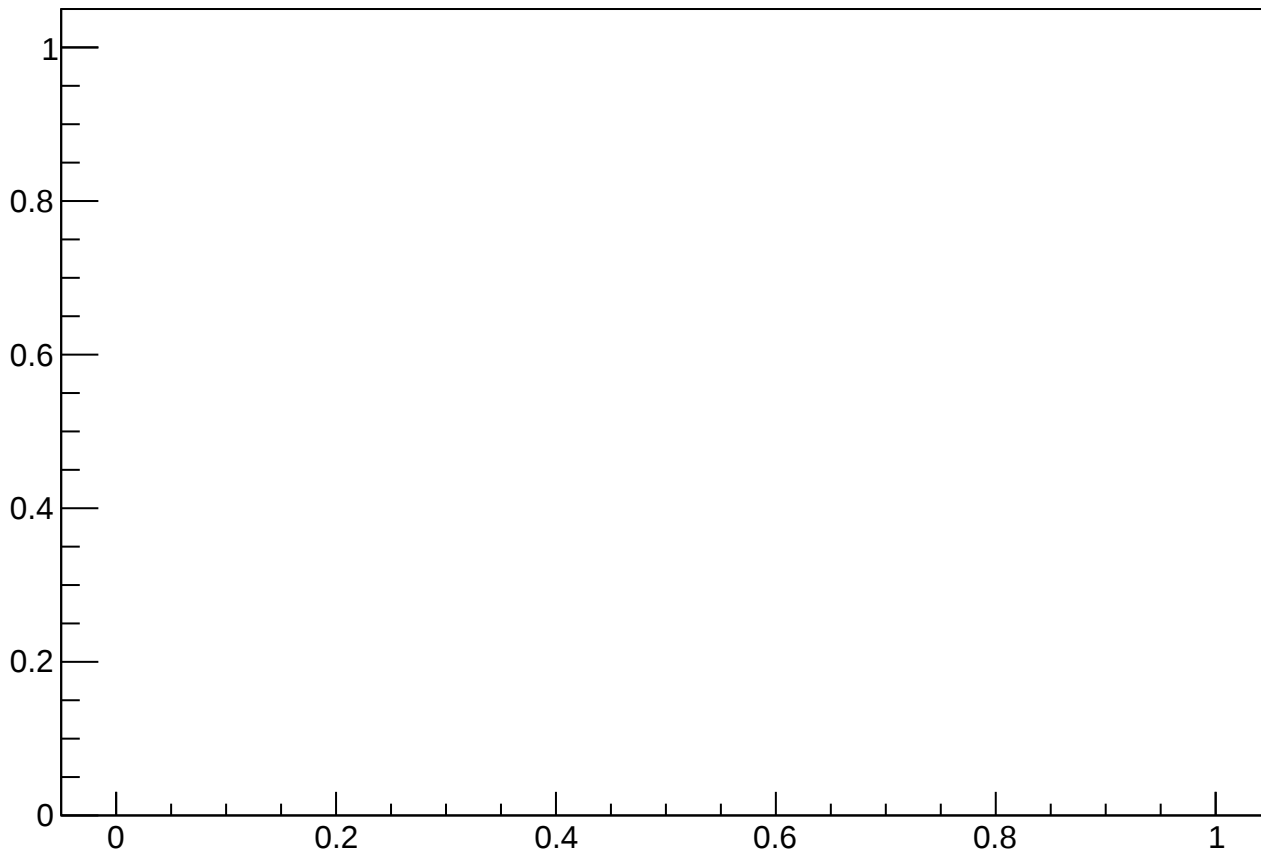
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

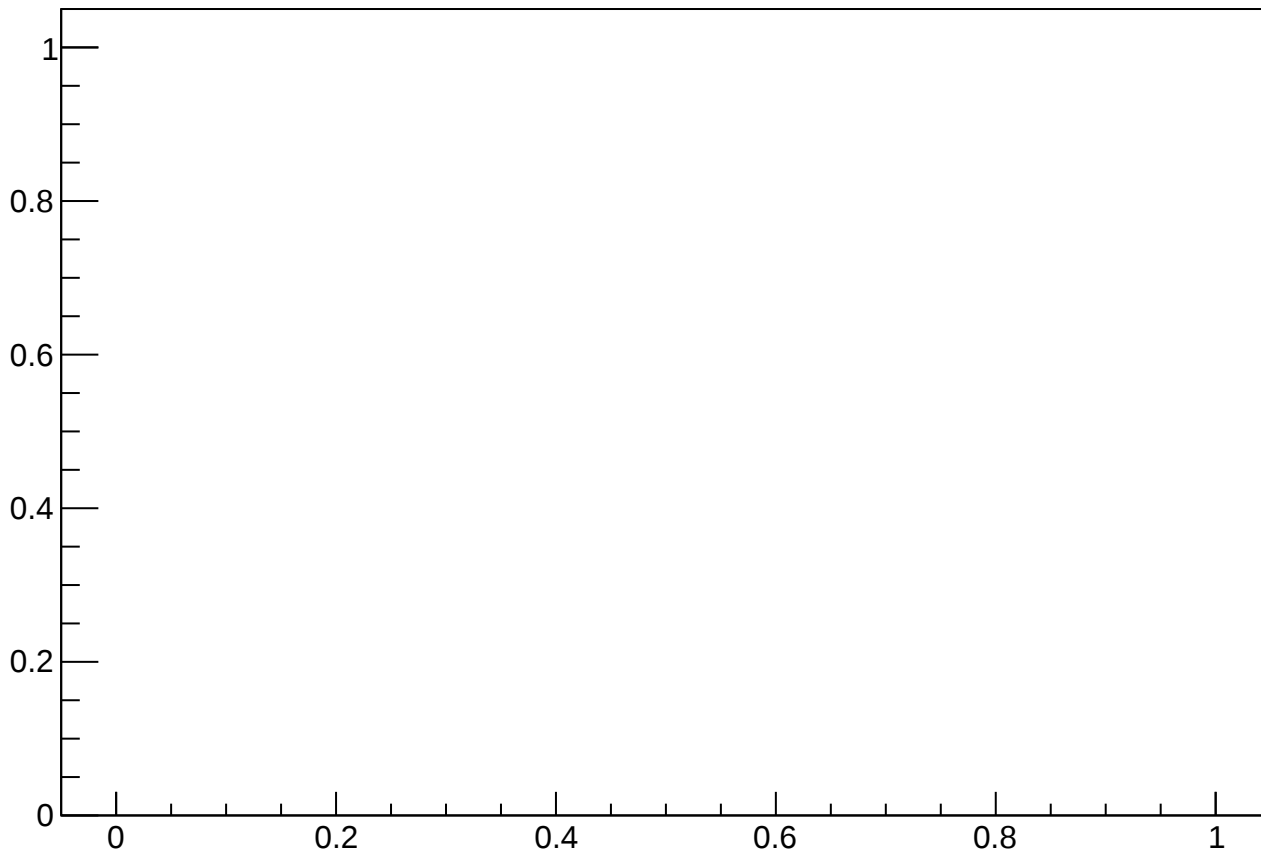
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

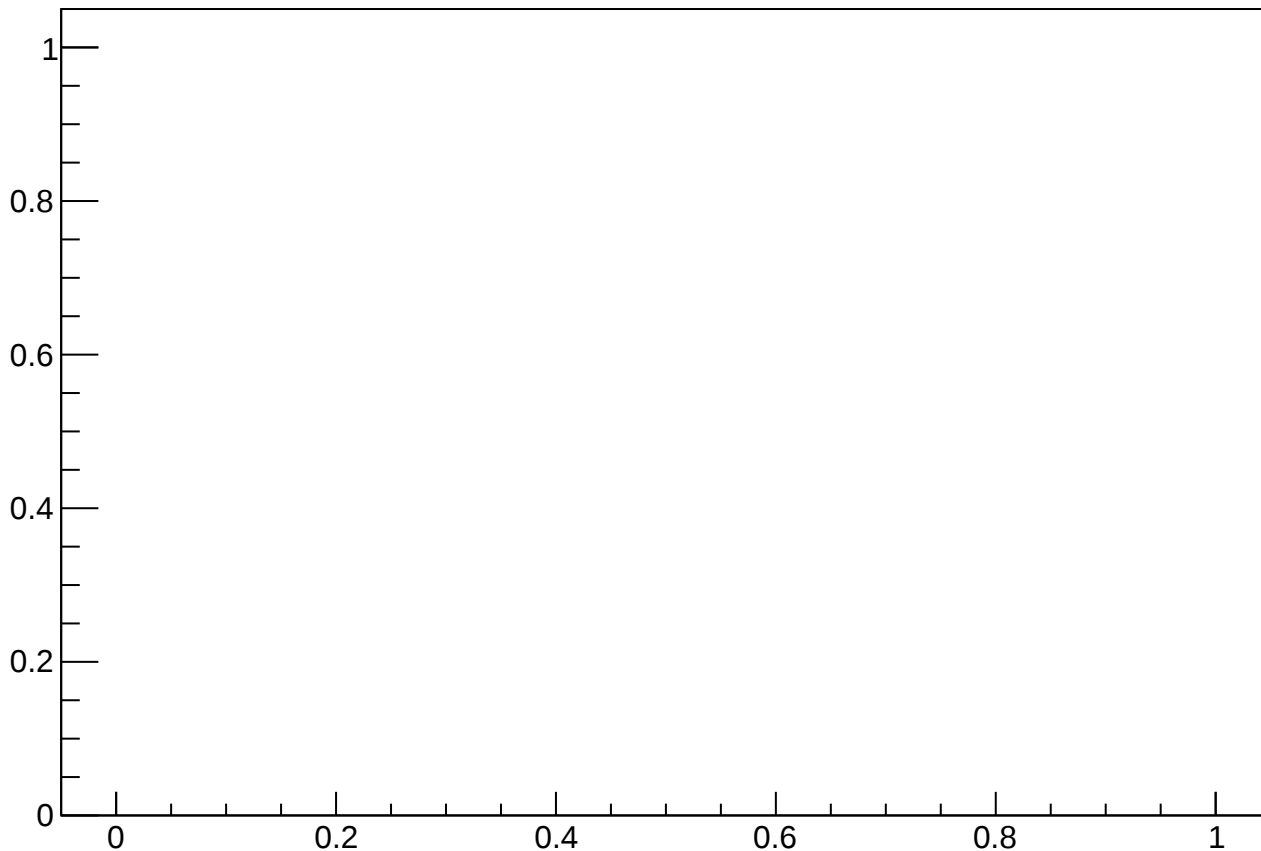
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

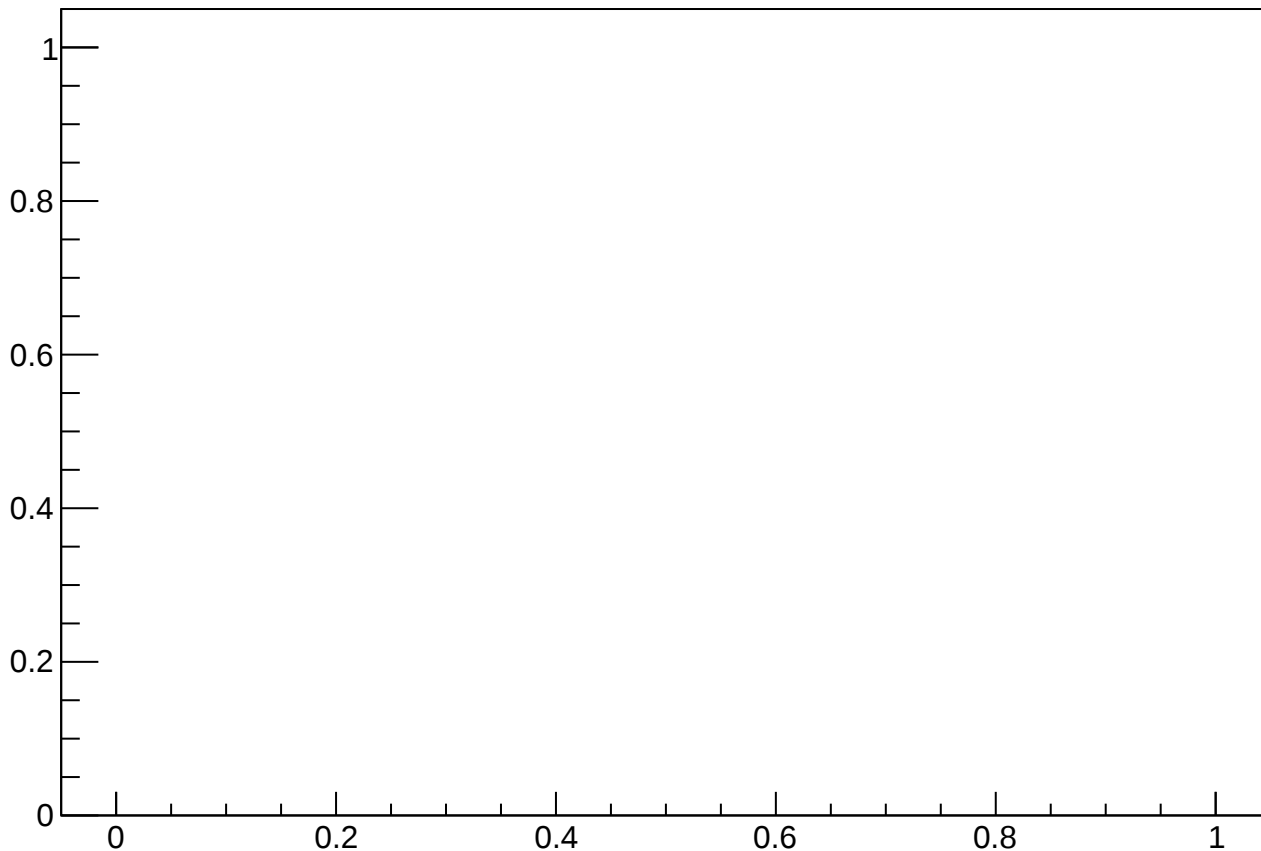
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

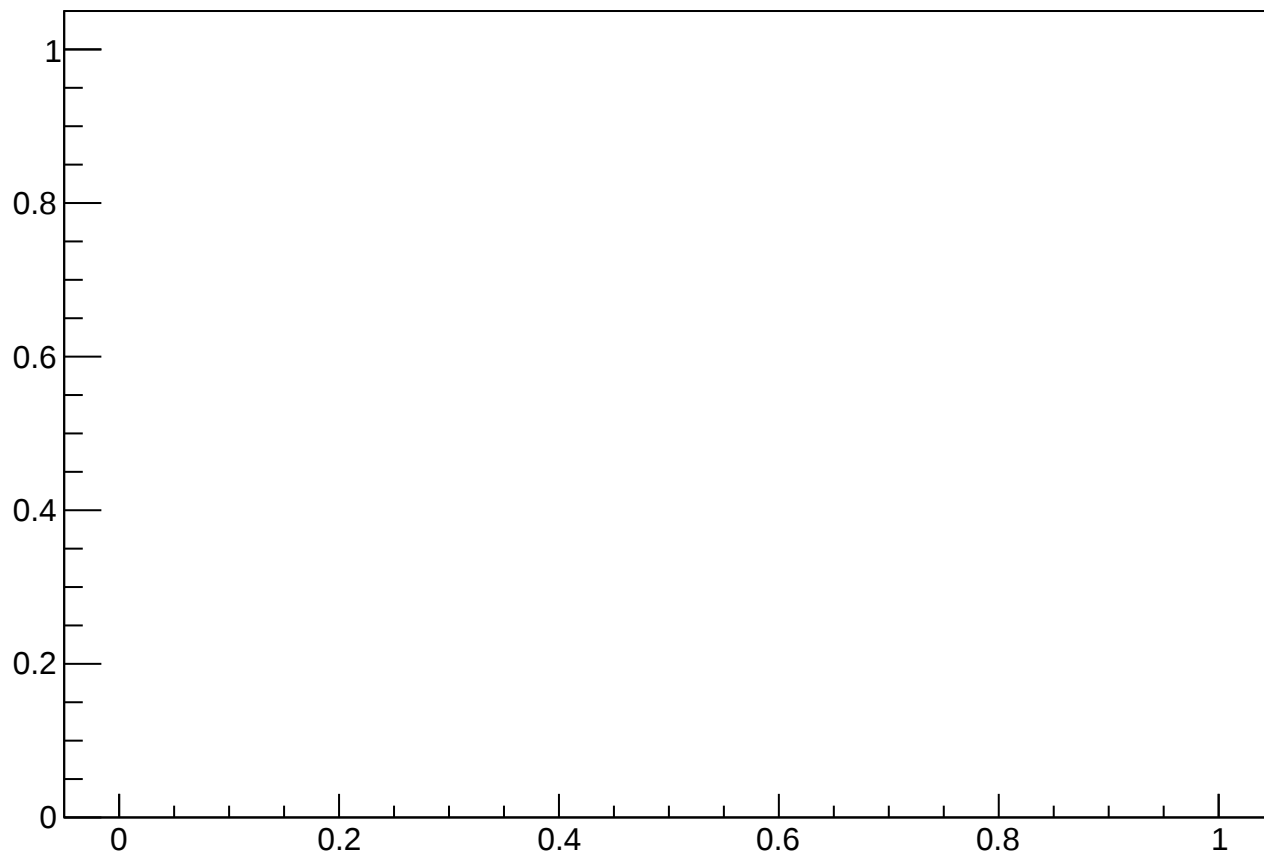
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

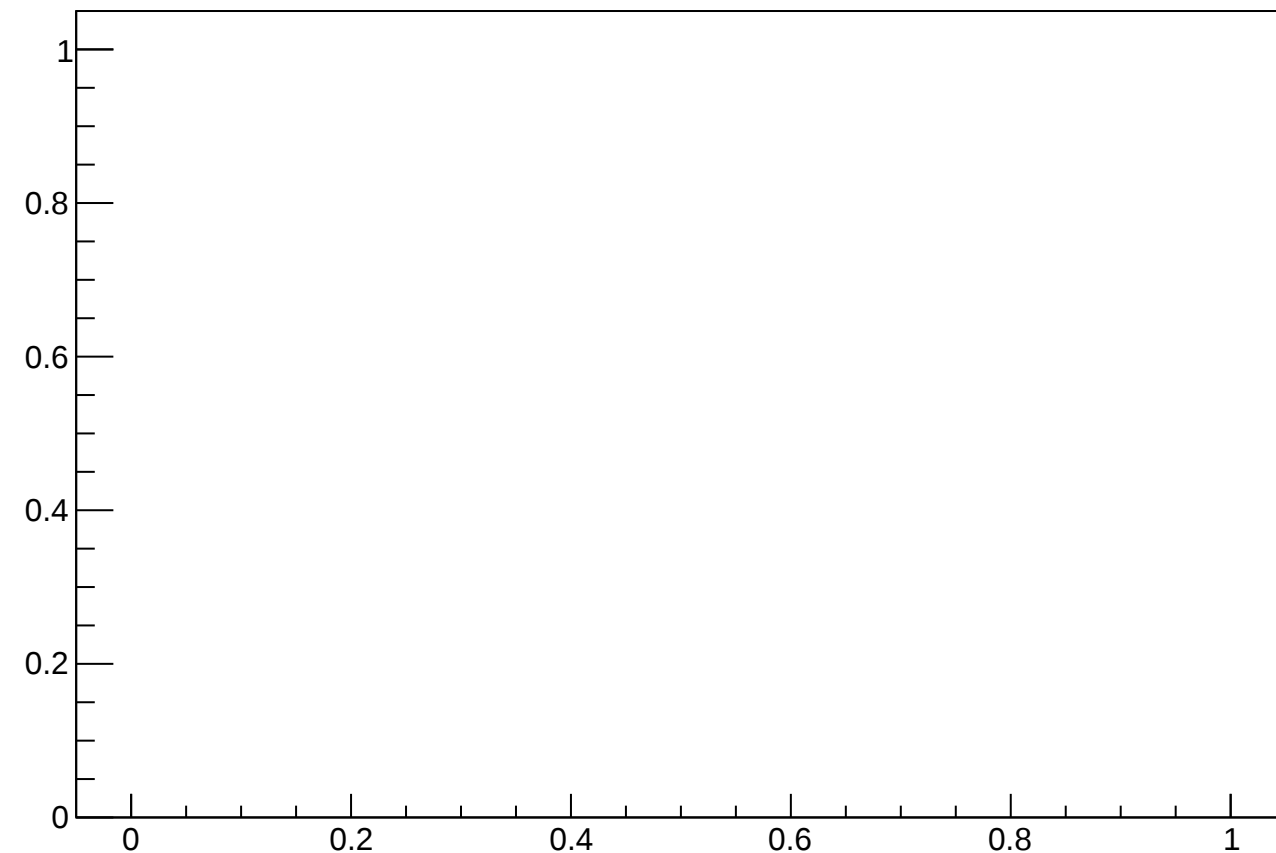
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

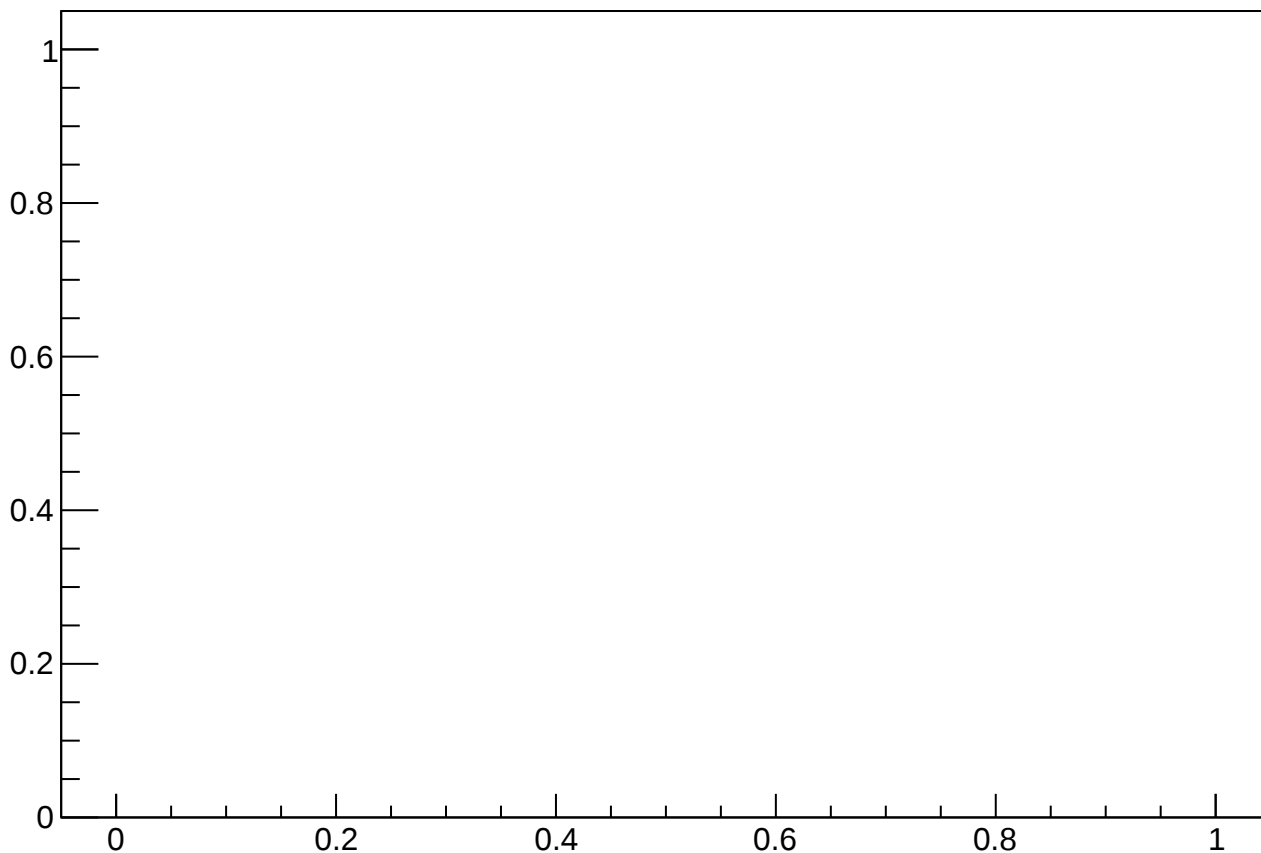
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

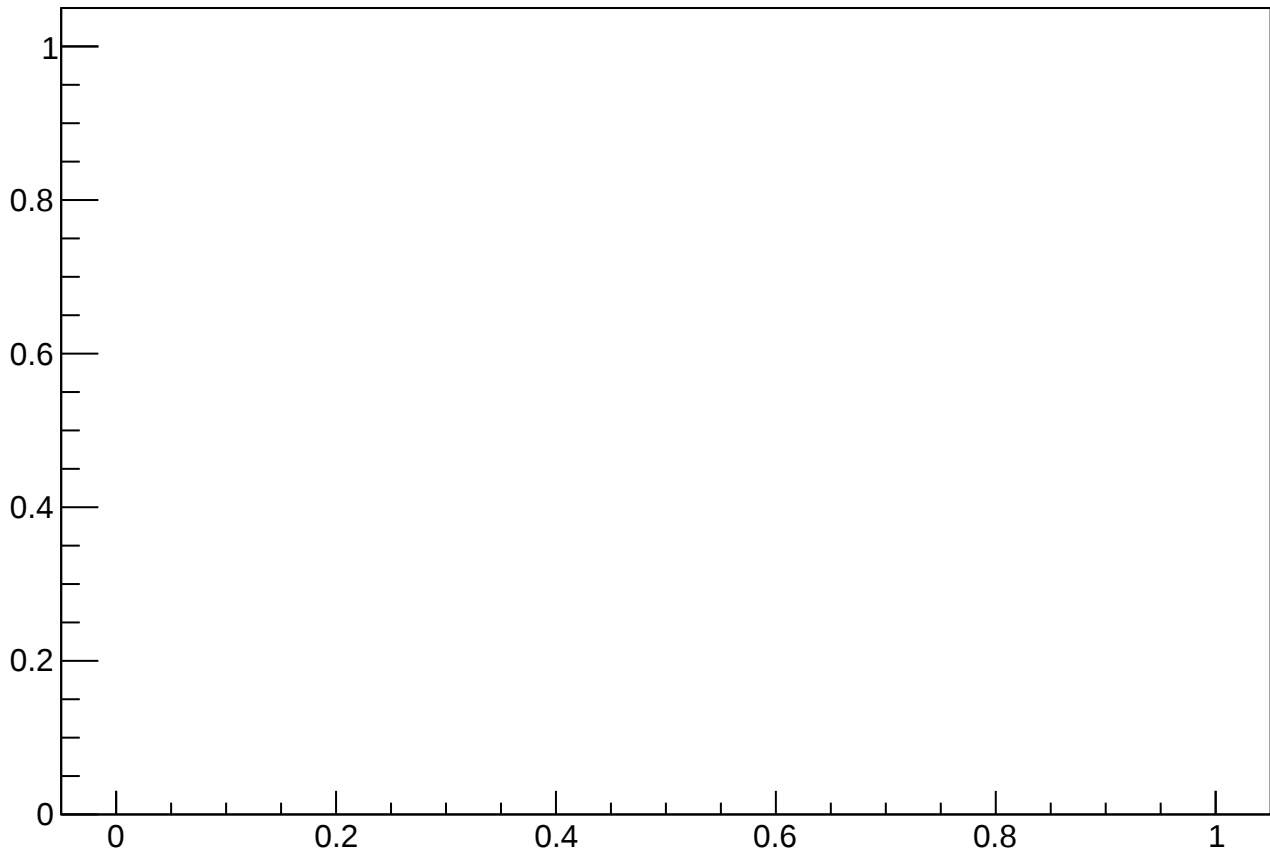
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

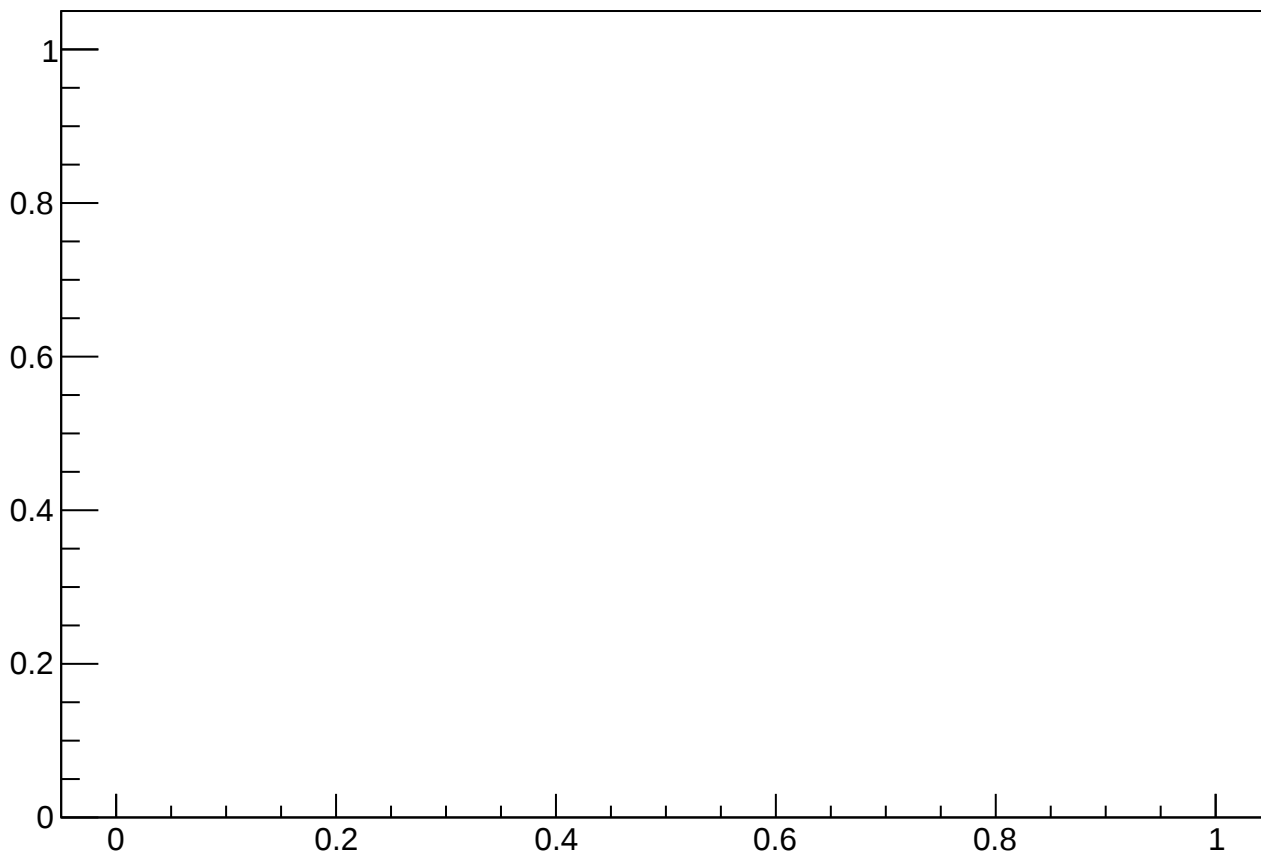
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

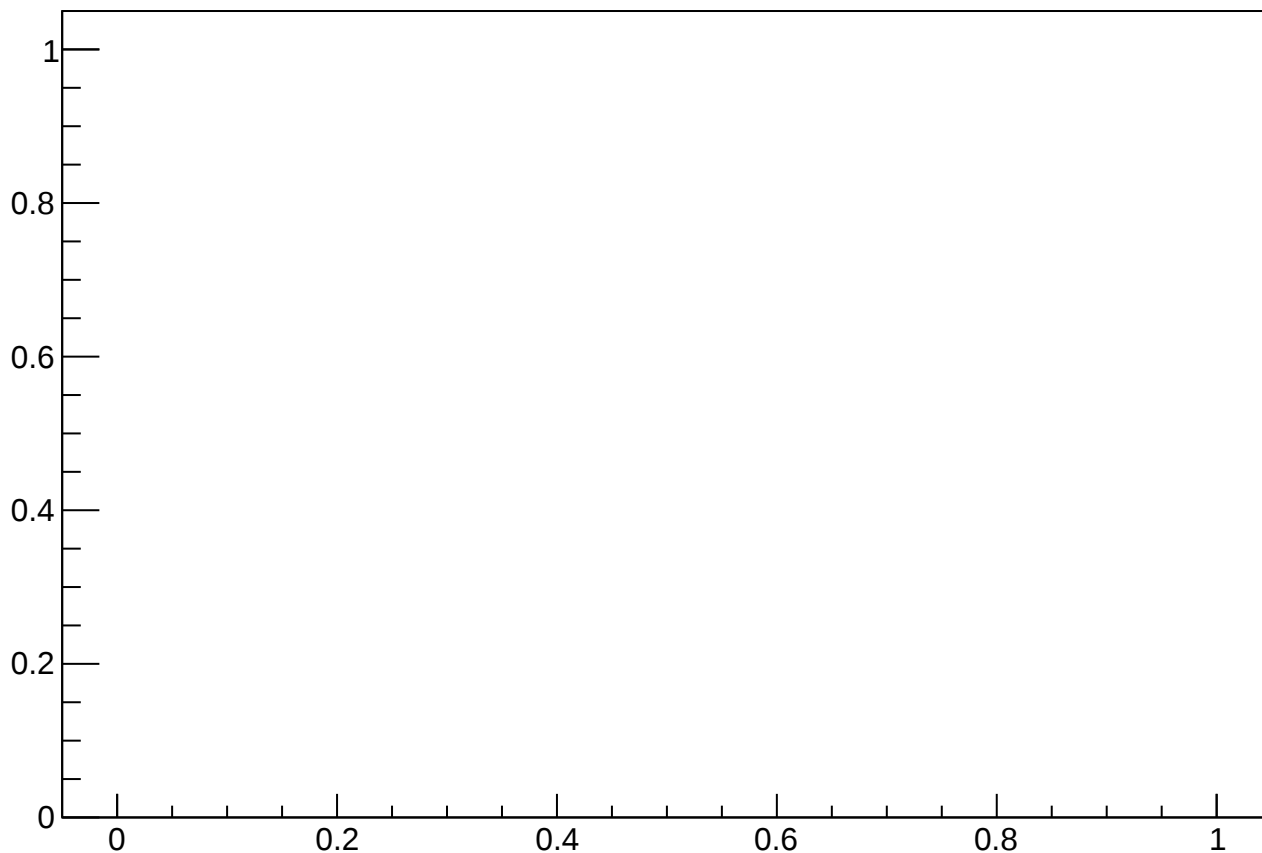
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

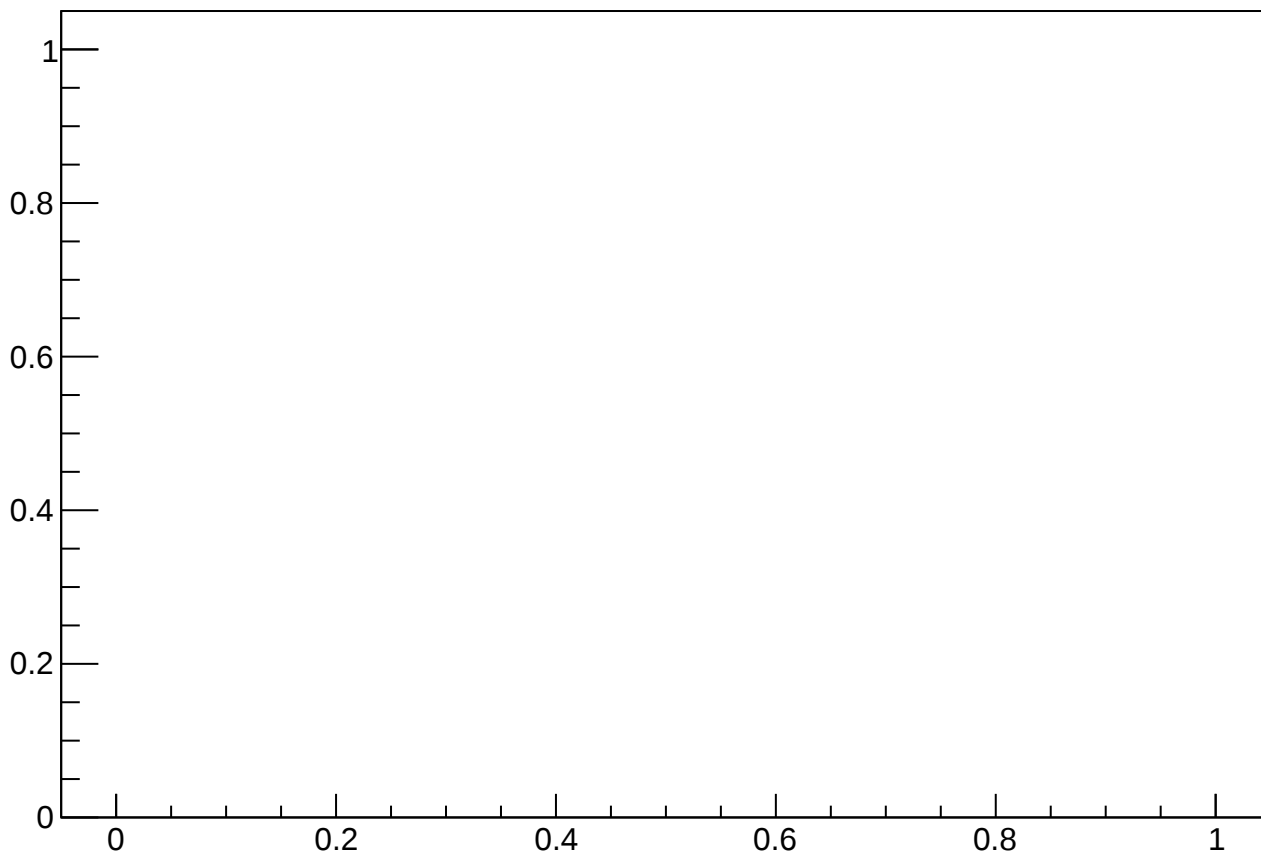
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

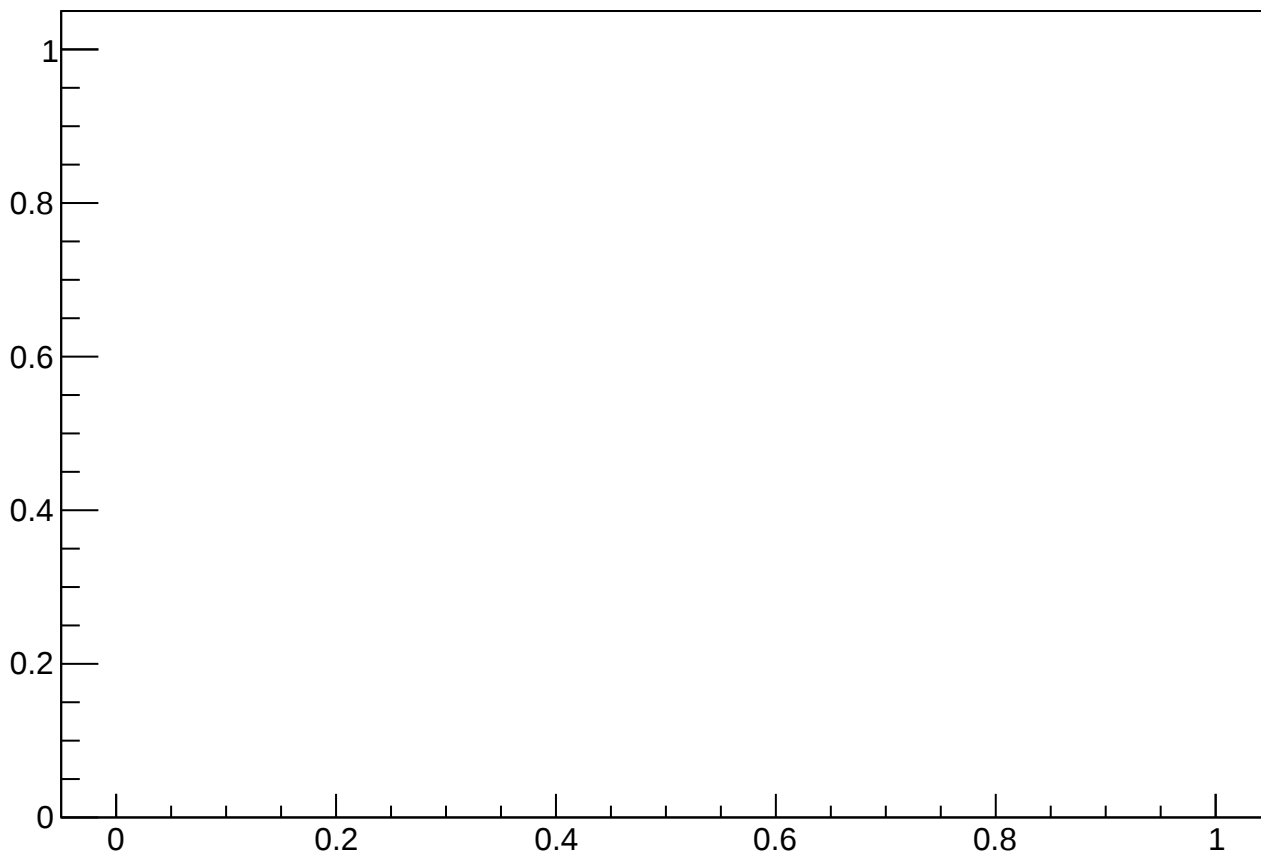
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

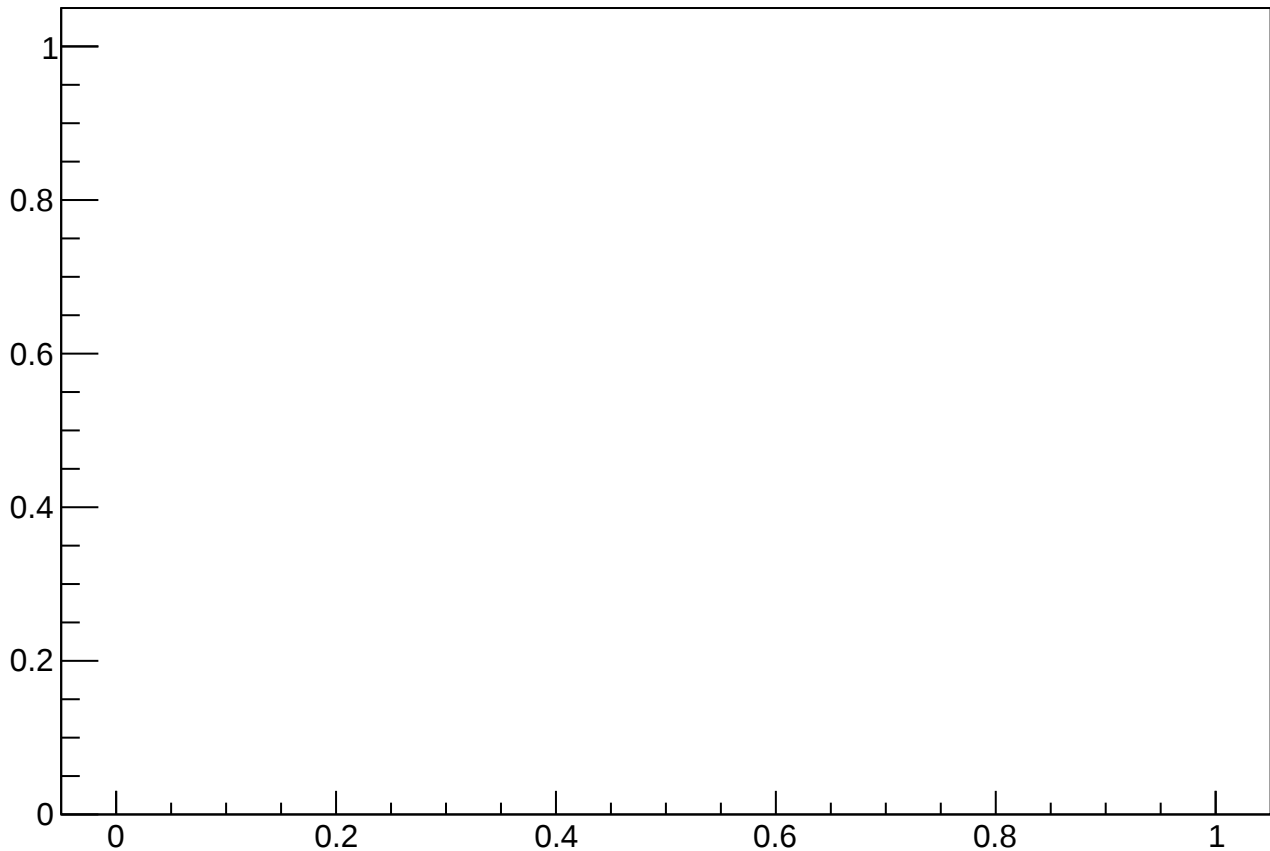
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

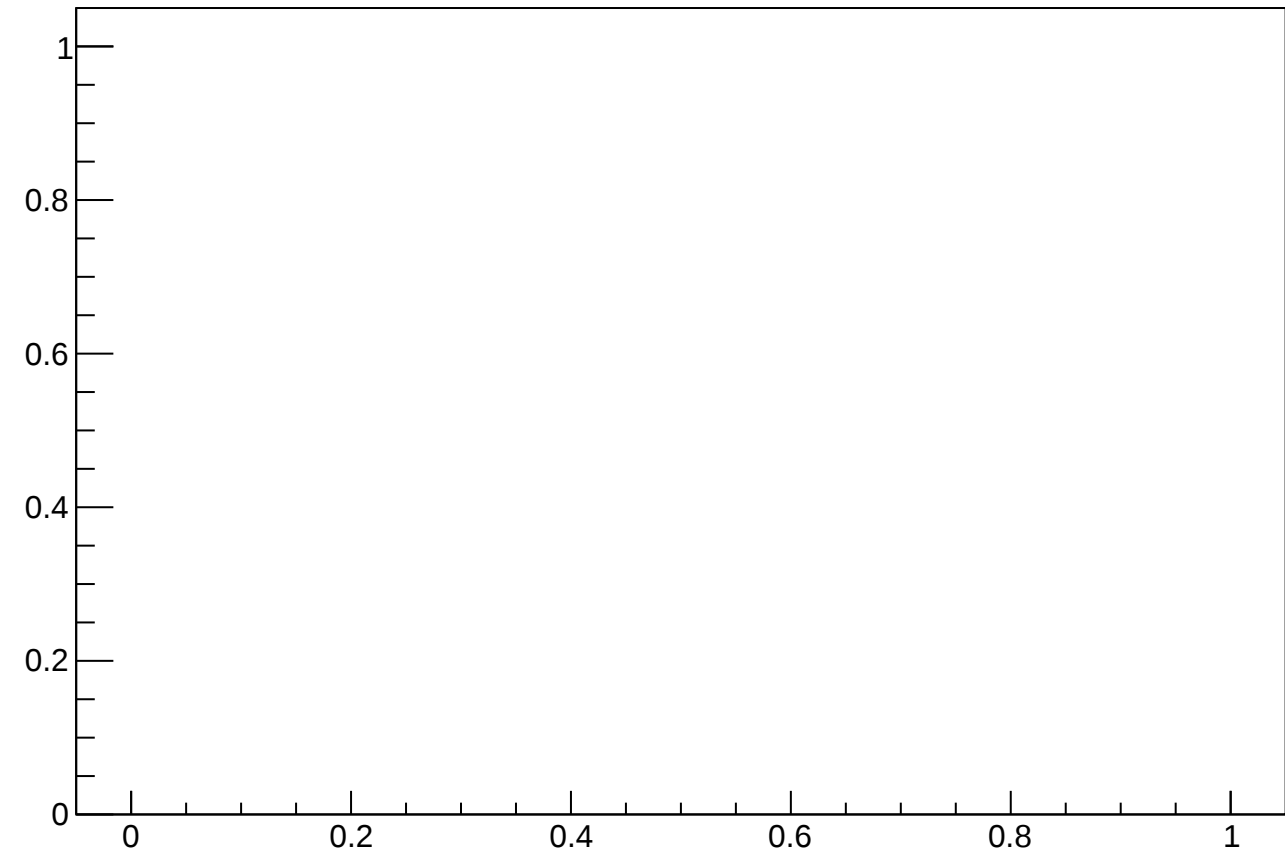
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

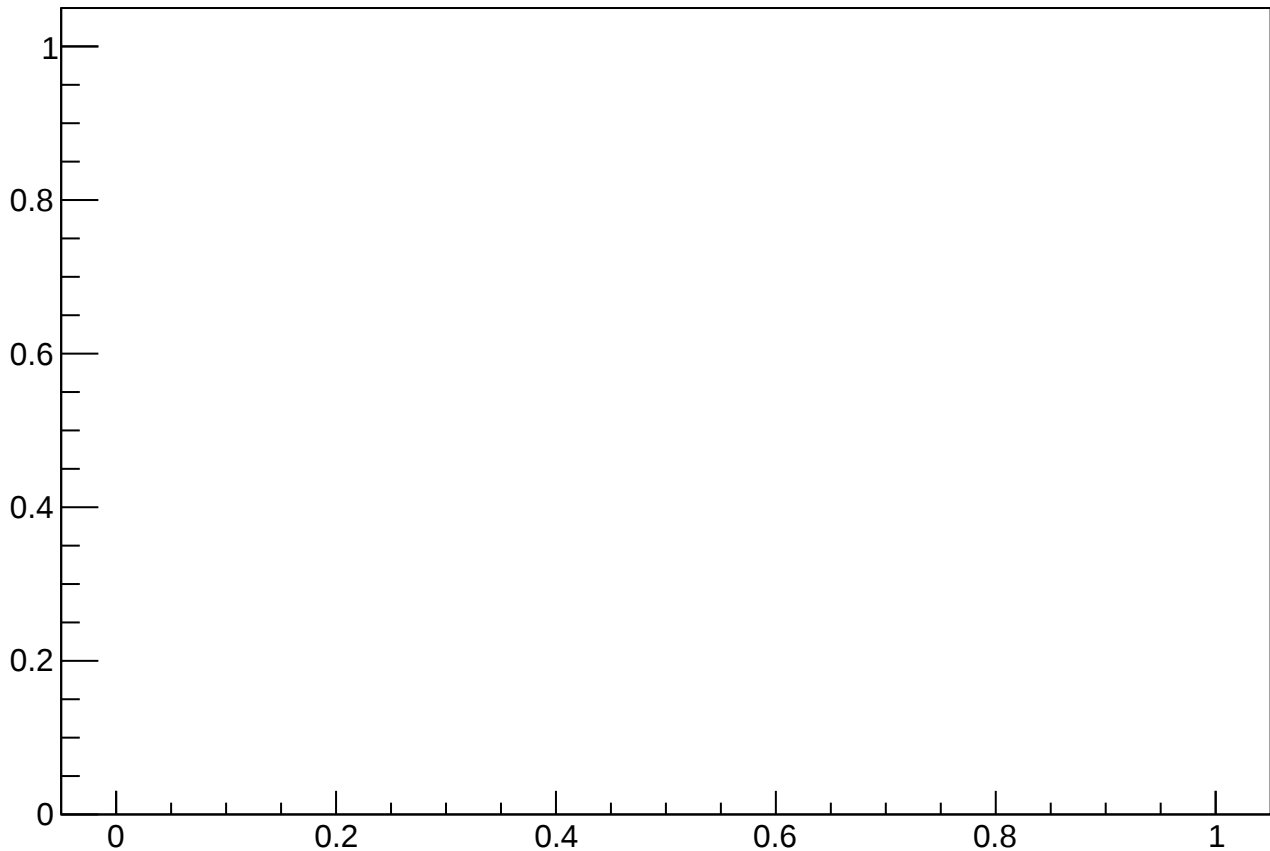
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

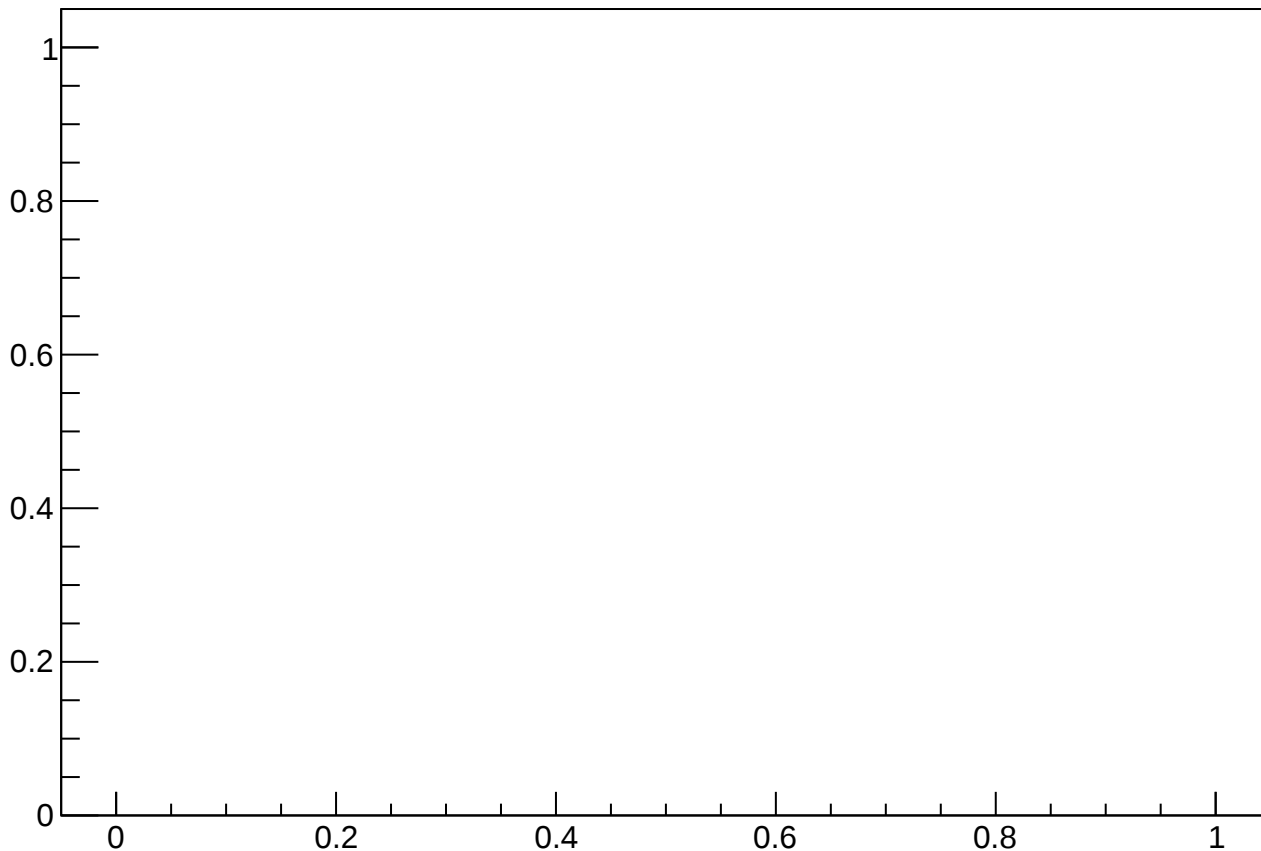
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

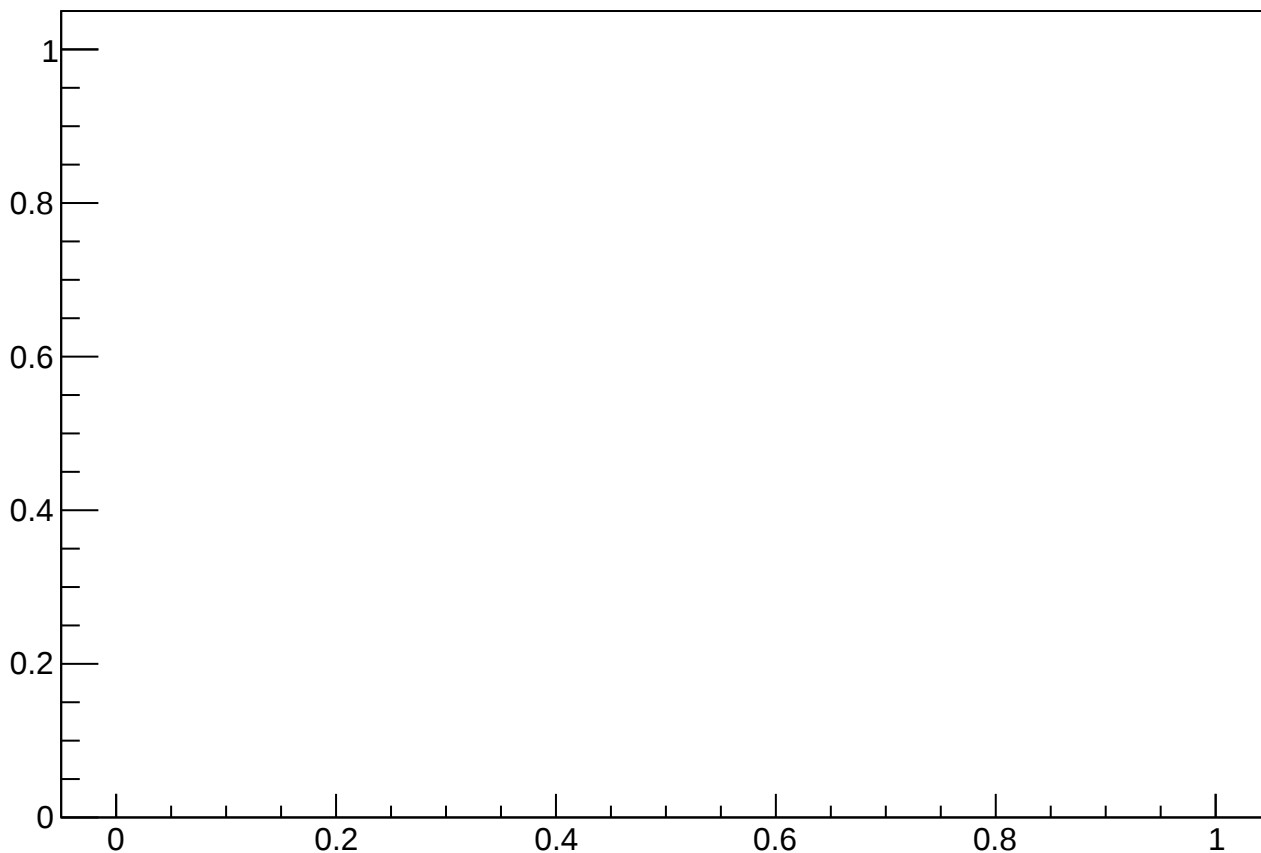
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

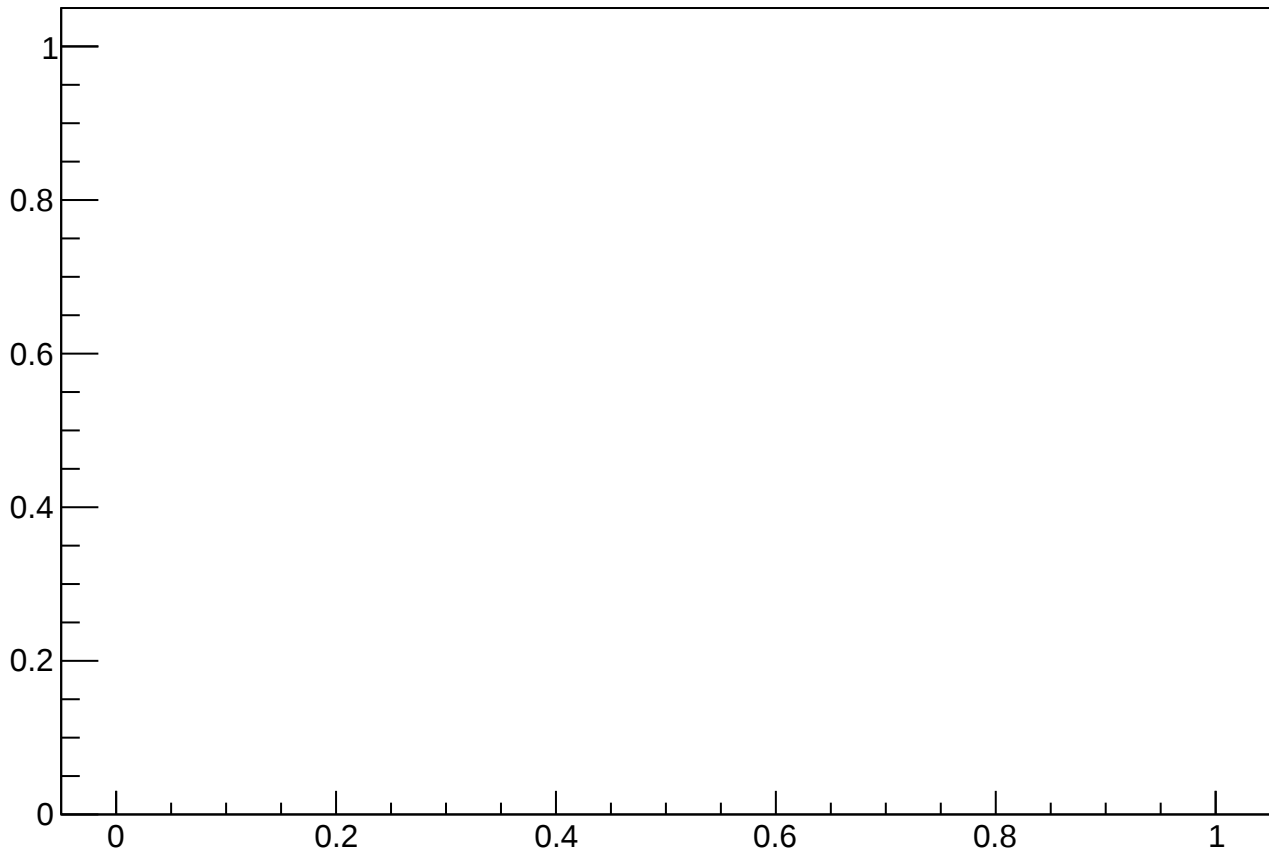
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

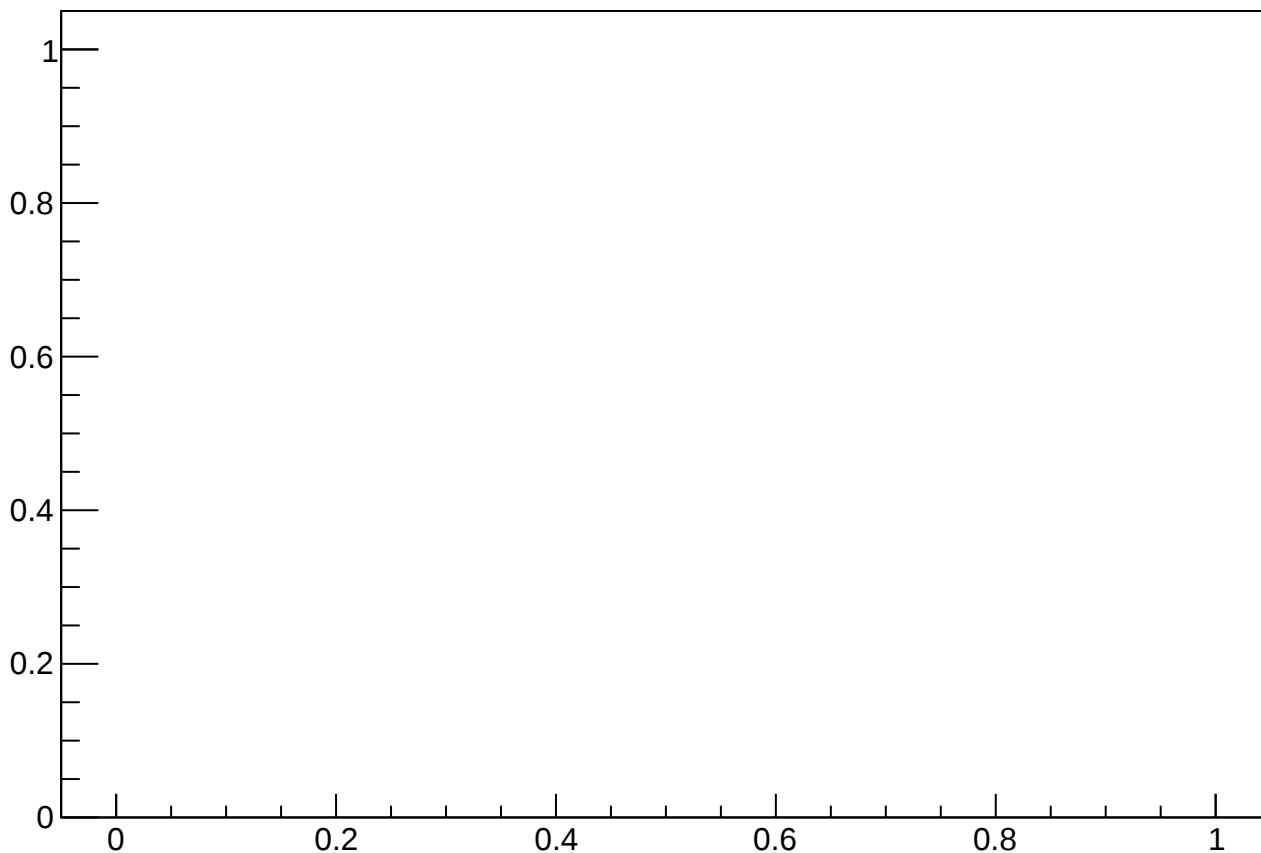
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

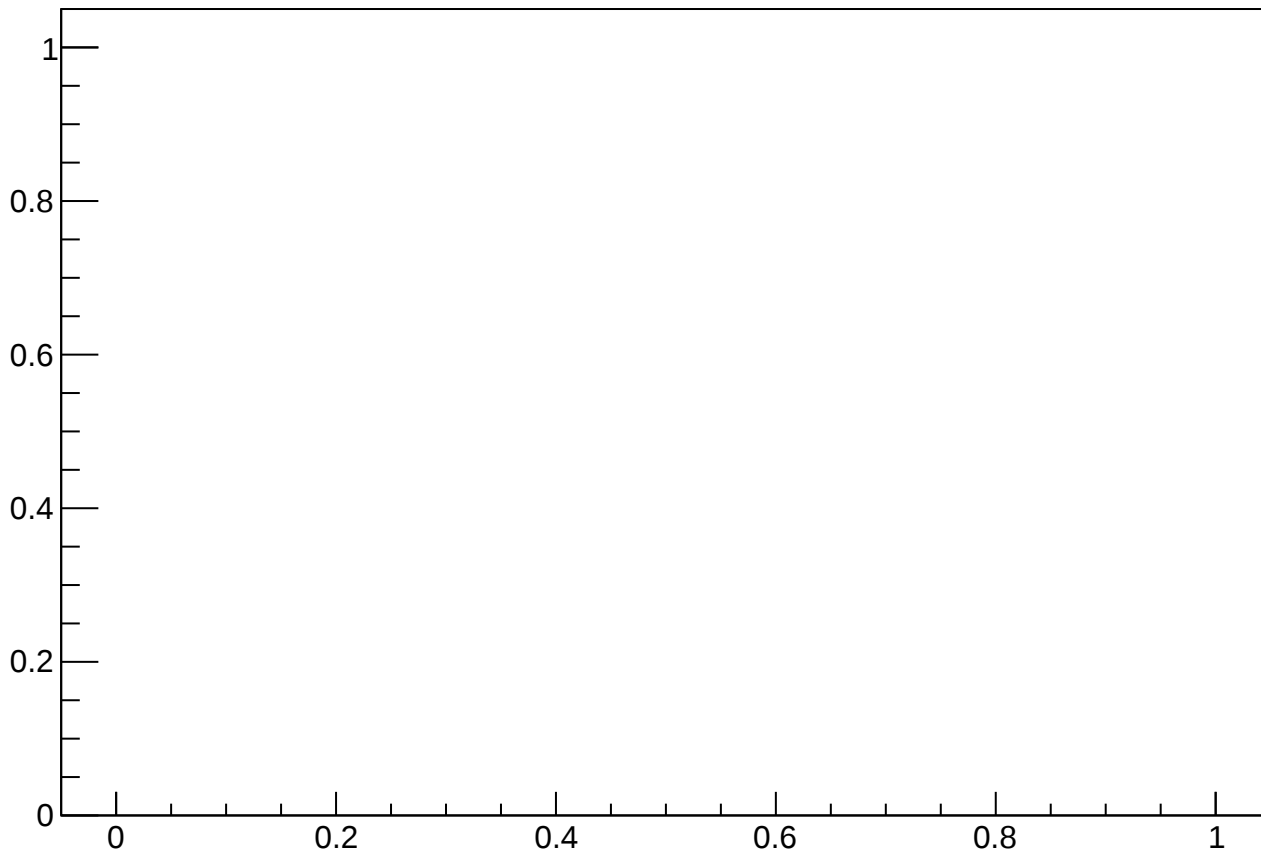
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

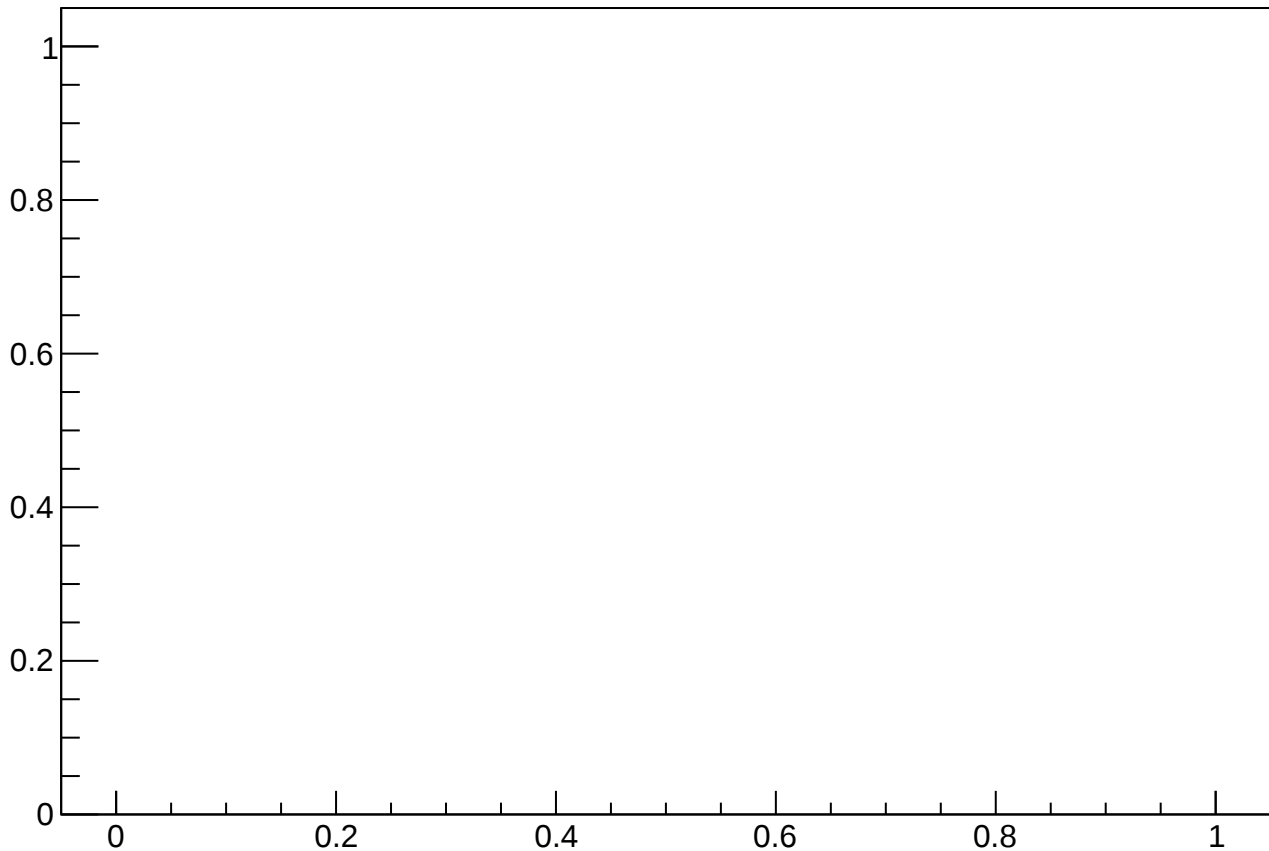
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

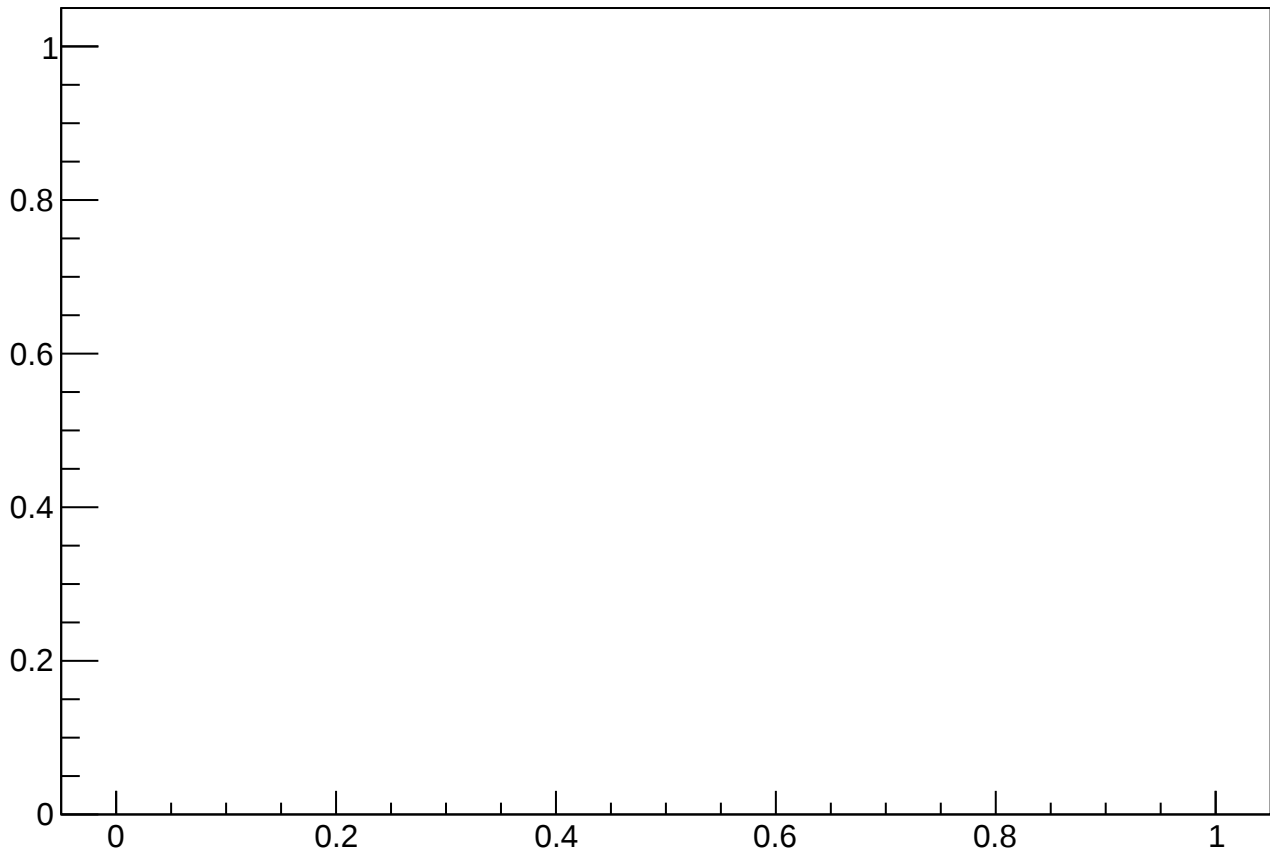
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_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

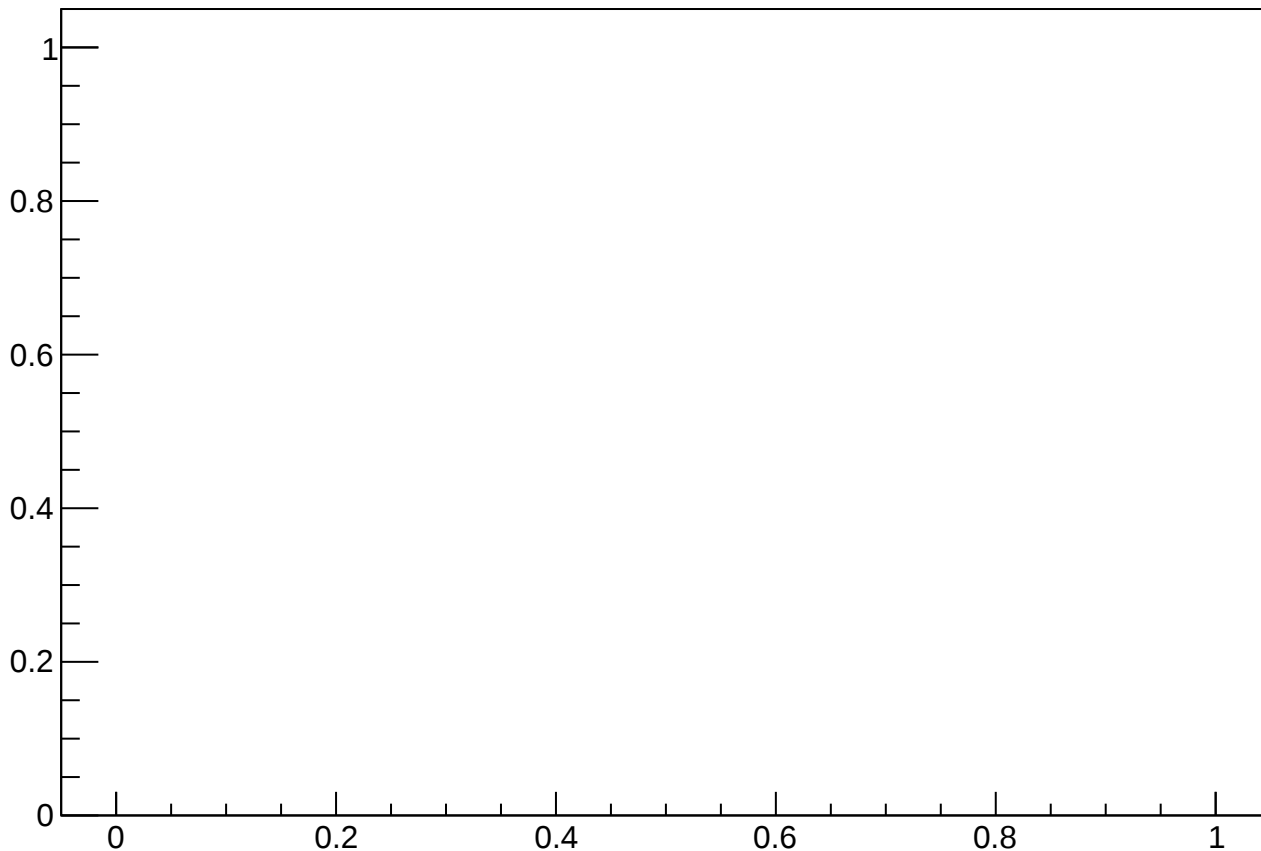
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

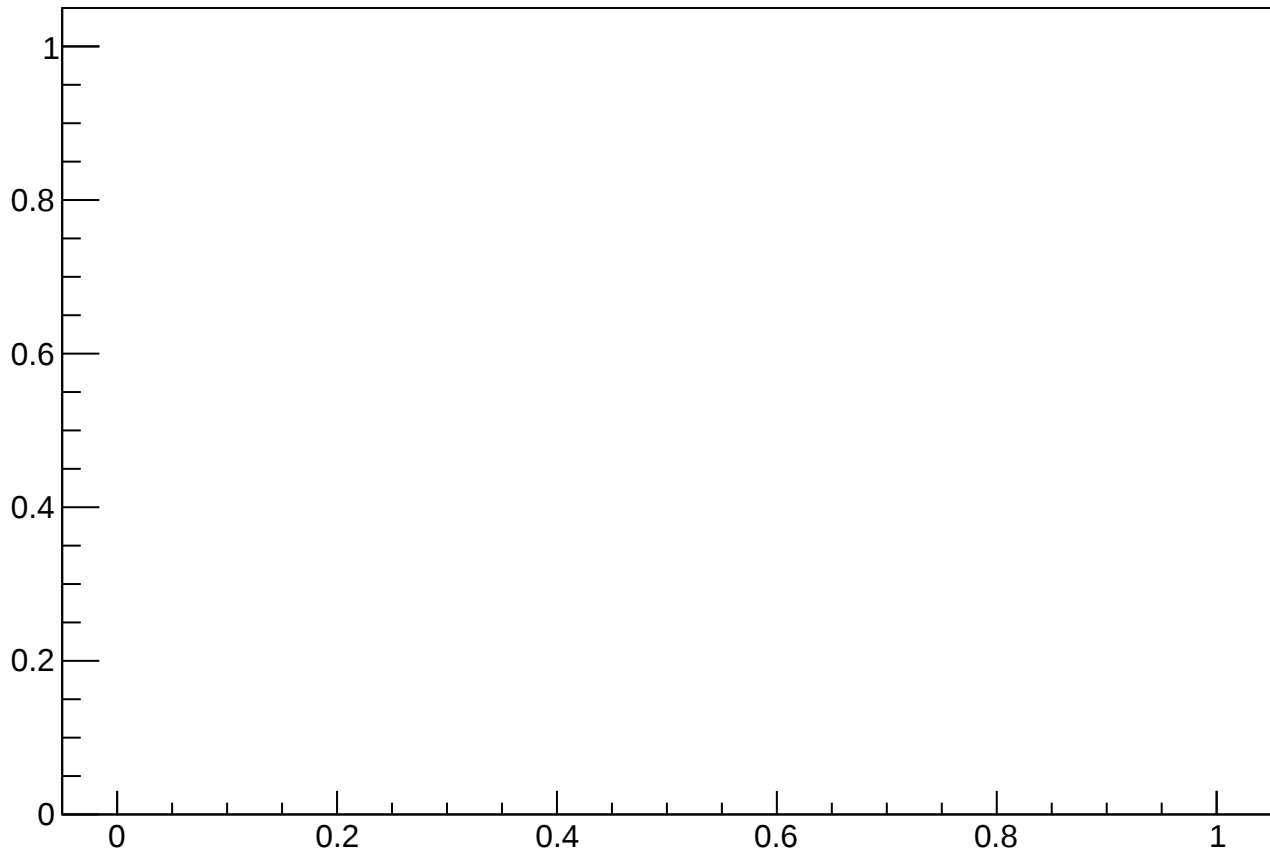
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

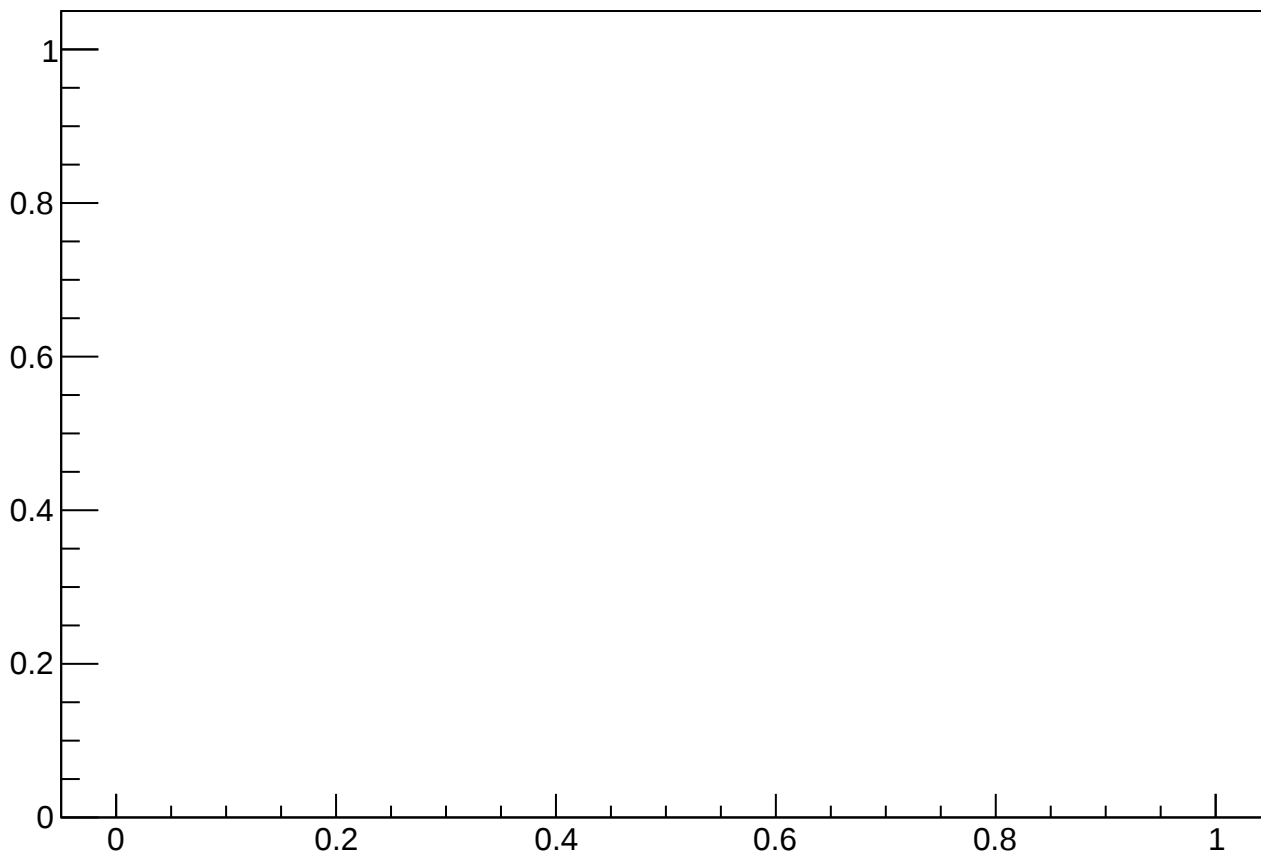
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

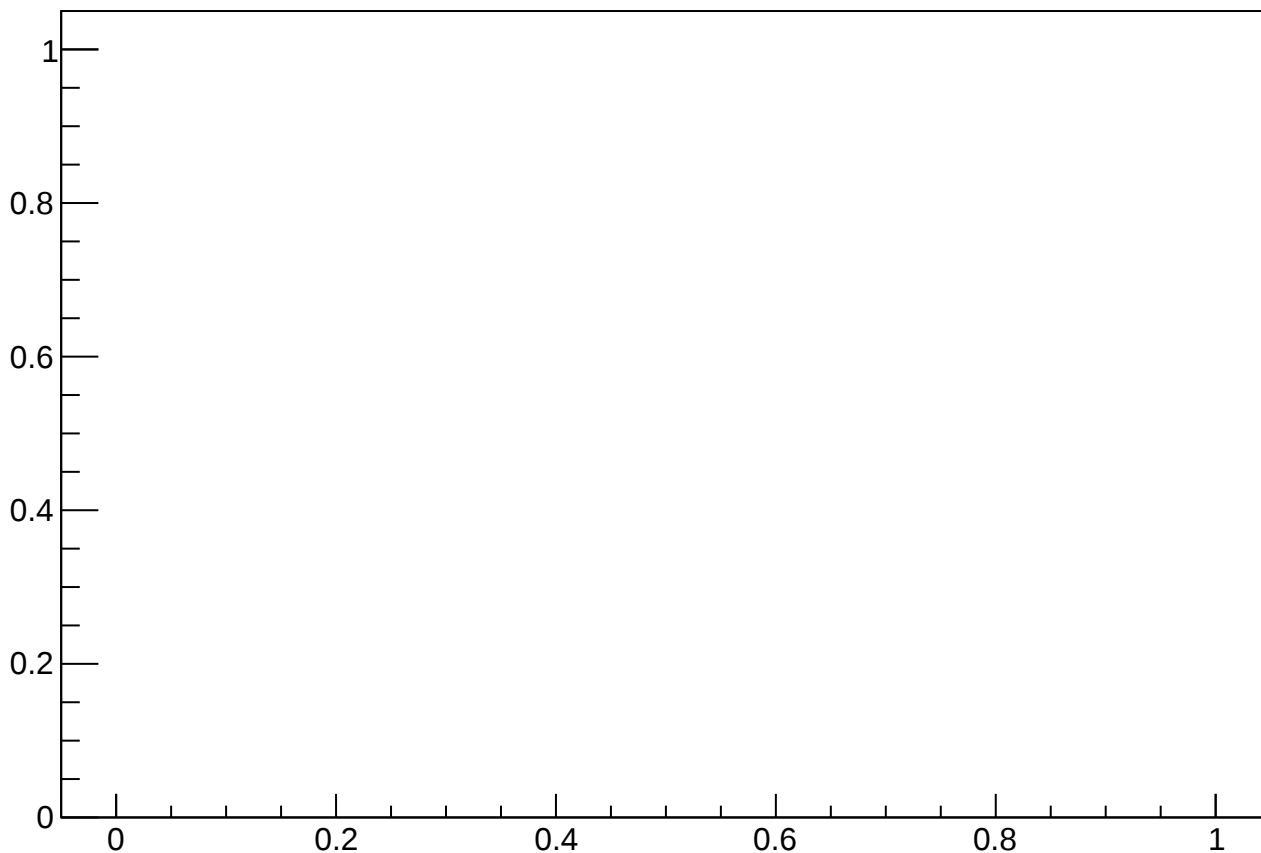
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

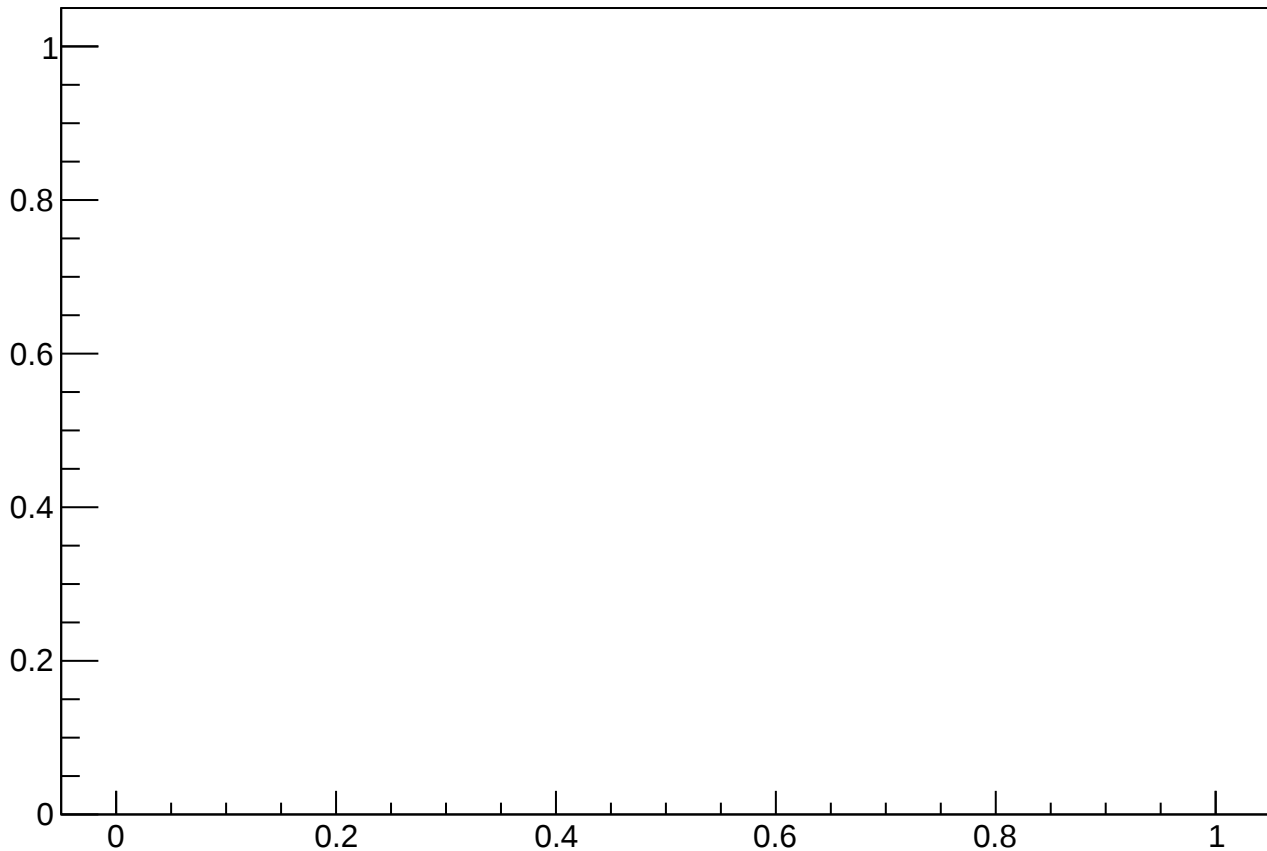
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

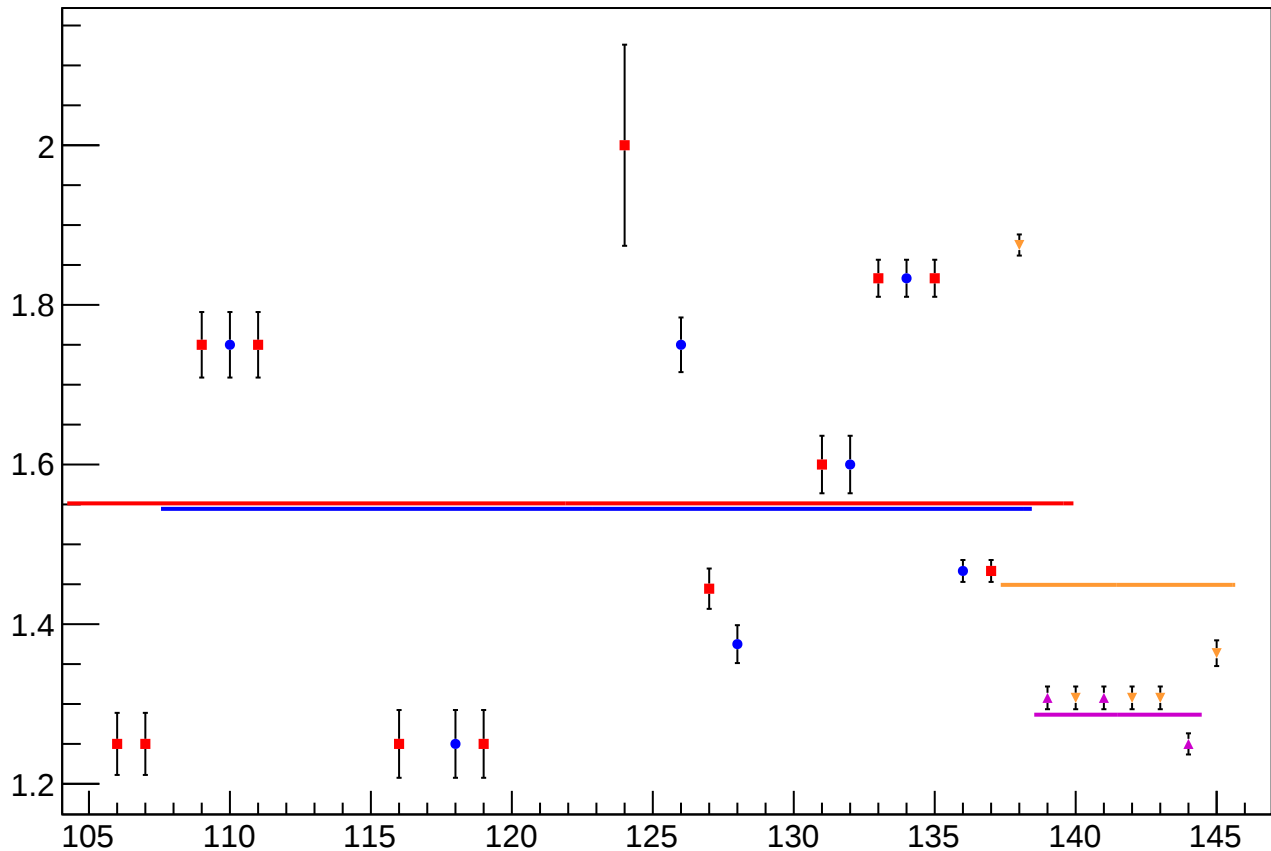
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.449 $\pm$ 0.006 χ^2 /NDF:1359.5/4

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.287 $\pm$ 0.008 χ^2 /NDF:12.0/2

Left: 1.386 $\pm$ 0.005 χ^2 /NDF: 1623.1/7

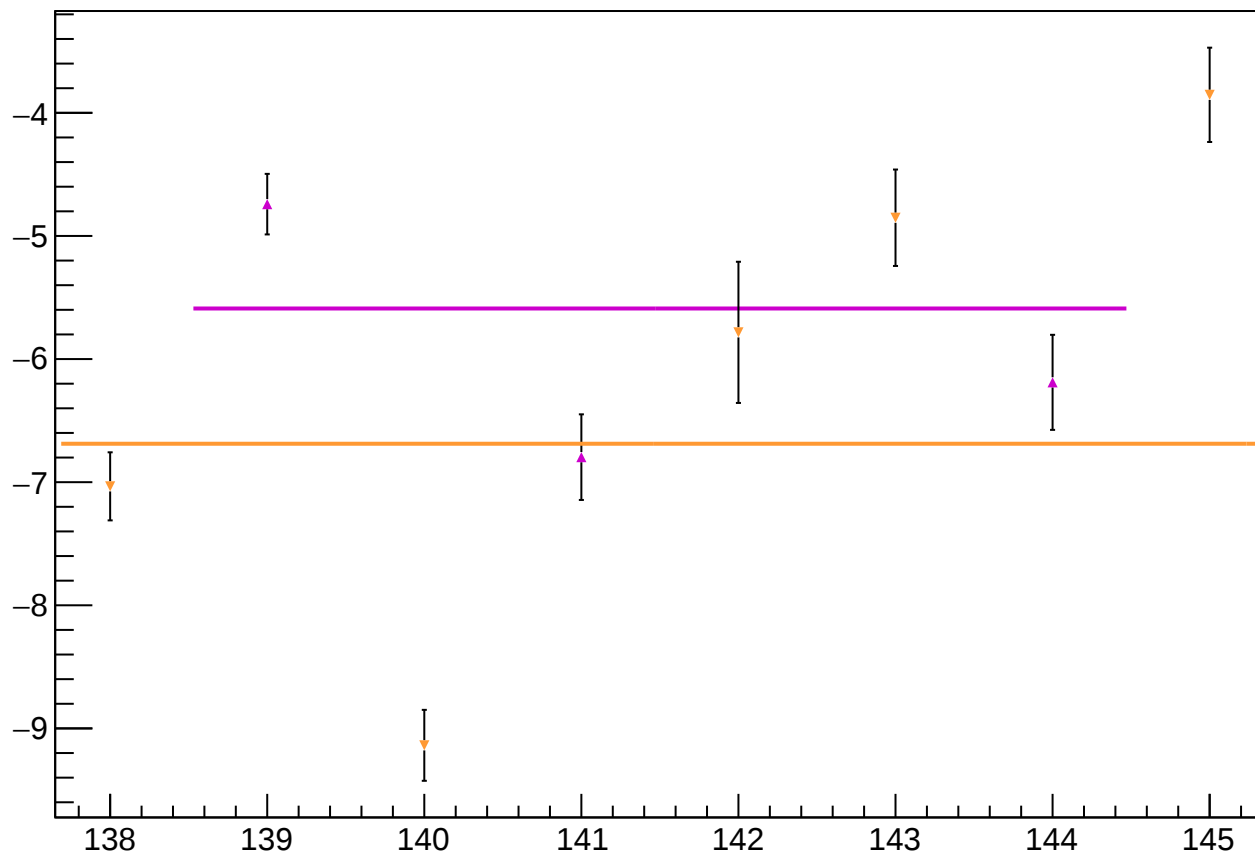
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.397 $\pm$ 0.006 χ^2 /NDF:806.2/9

Out: 1.488 $\pm$ 0.005 χ^2 /NDF:2090.0/16

All: 1.451 $\pm$ 0.004 χ^2 /NDF: 3029.6/26

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: -5.589+/-0.178 χ^2/NDF :26.3/2

Left: -6.214+/-0.117 χ^2/NDF : 201.0/7

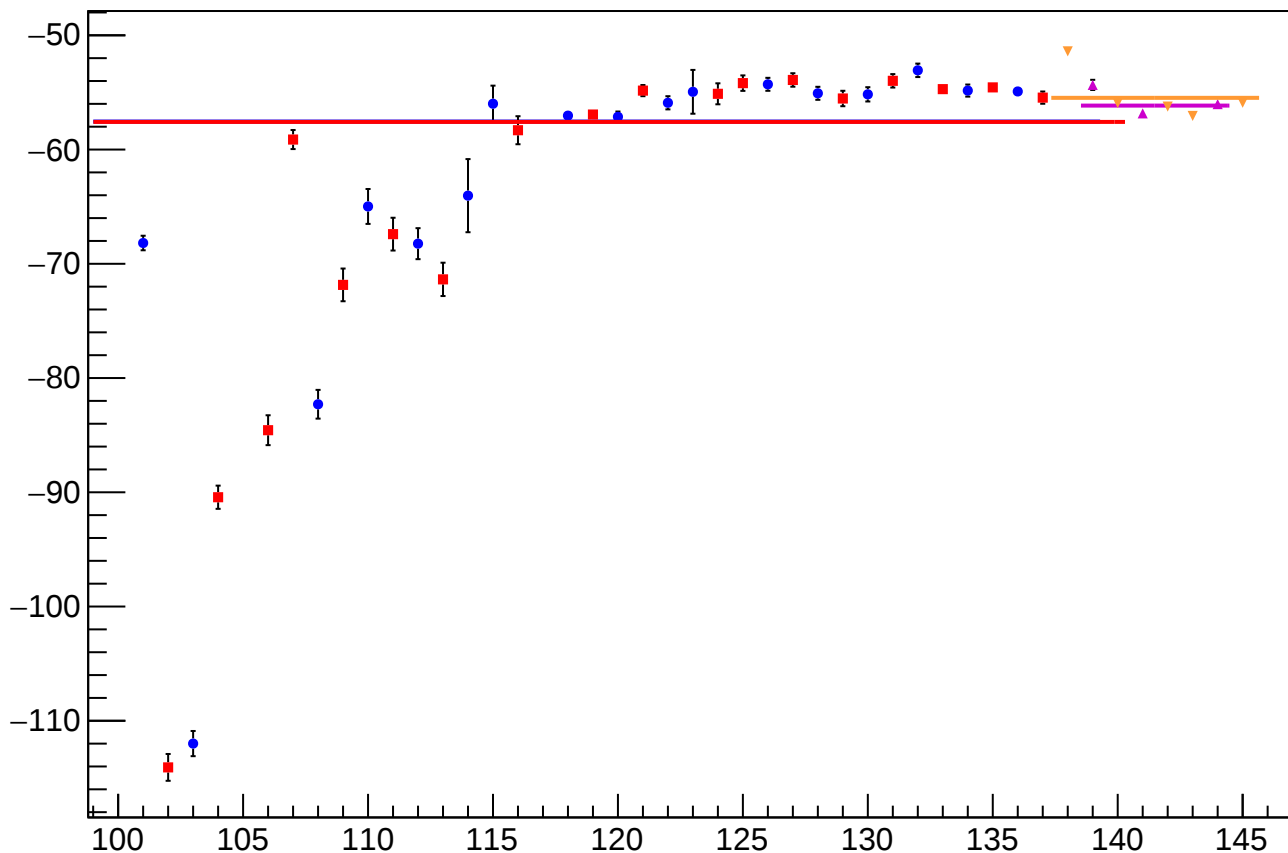
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.589+/-0.178 χ^2/NDF :26.3/2

Out: -6.688+/-0.155 χ^2/NDF :153.1/4

All: -6.214+/-0.117 χ^2/NDF : 201.0/7

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -55.473 ± 0.132 χ^2/NDF : 203.0/4

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -56.152 ± 0.172 χ^2/NDF : 24.2/2

Left: -55.725 ± 0.105 χ^2/NDF : 237.0/7

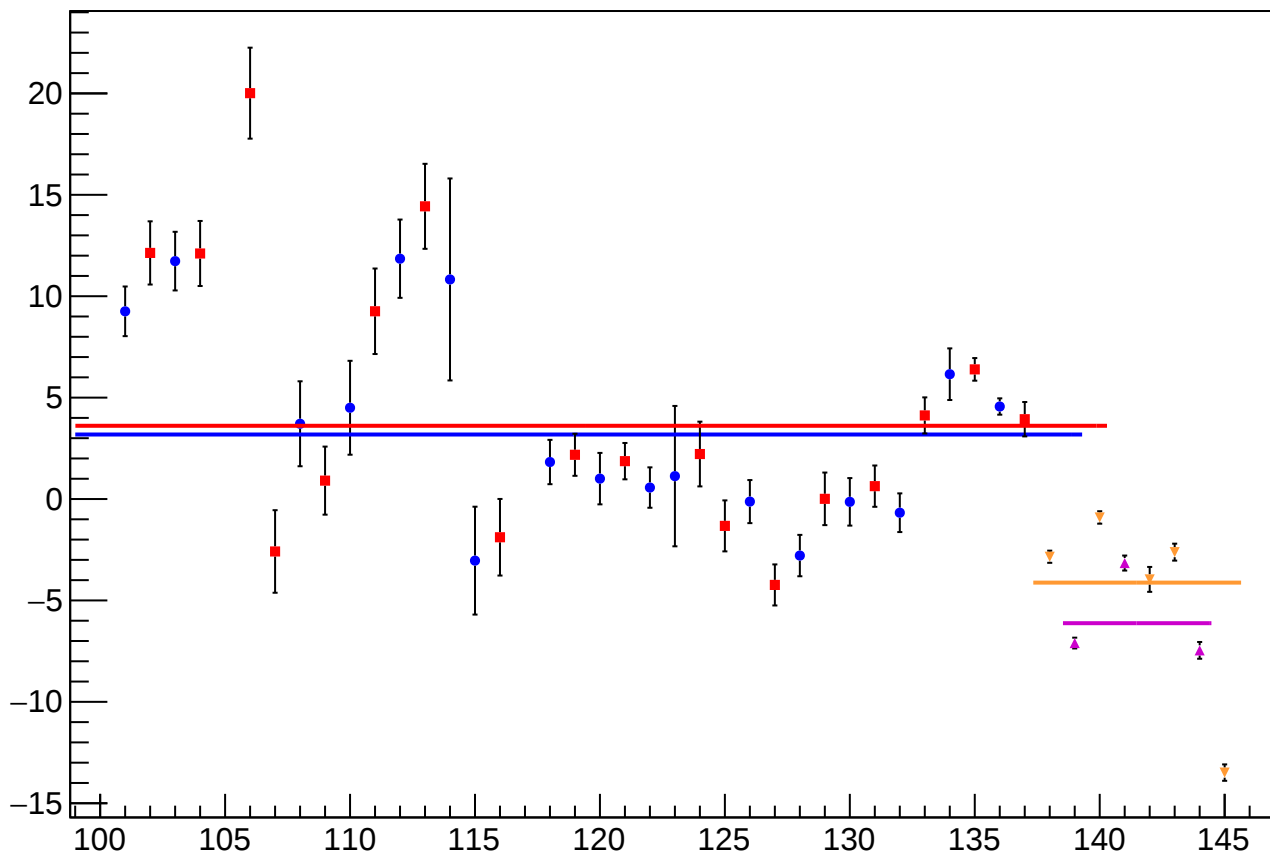
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -56.984 ± 0.109 χ^2/NDF : 3524.0/19

Out: -56.442 ± 0.097 χ^2/NDF : 4664.2/22

All: -56.681 ± 0.073 χ^2/NDF : 8201.9/42

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: -6.122 ± 0.191 $\chi^2/\text{NDF}: 88.3/2$

Left: -4.981 ± 0.126 $\chi^2/\text{NDF}: 827.7/7$

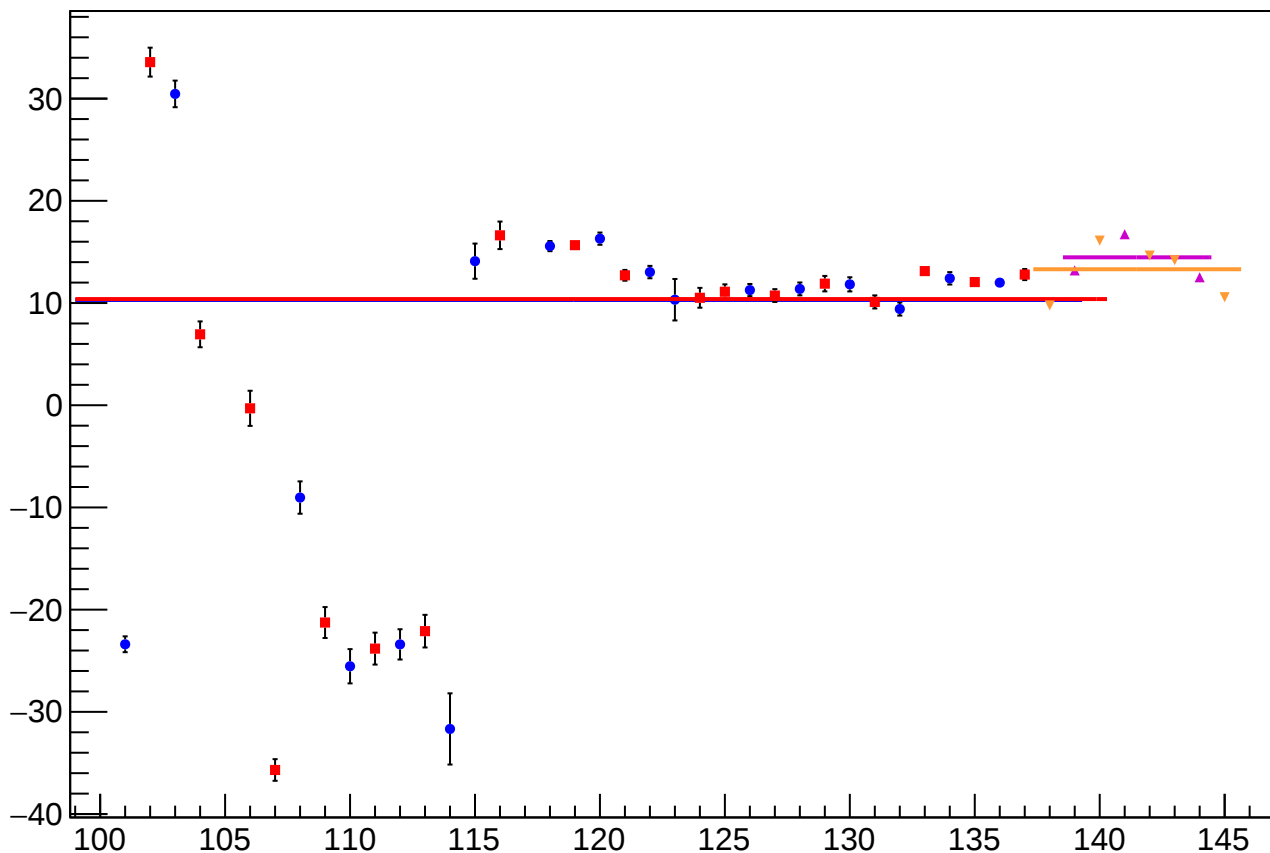
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -2.818 ± 0.154 $\chi^2/\text{NDF}: 1112.1/19$

Out: -1.972 ± 0.141 $\chi^2/\text{NDF}: 1568.1/22$

All: -2.359 ± 0.104 $\chi^2/\text{NDF}: 2696.6/42$

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: 14.472+/-0.197 χ^2/NDF : 101.0/2

Left: 13.749+/-0.121 χ^2/NDF : 389.6/7

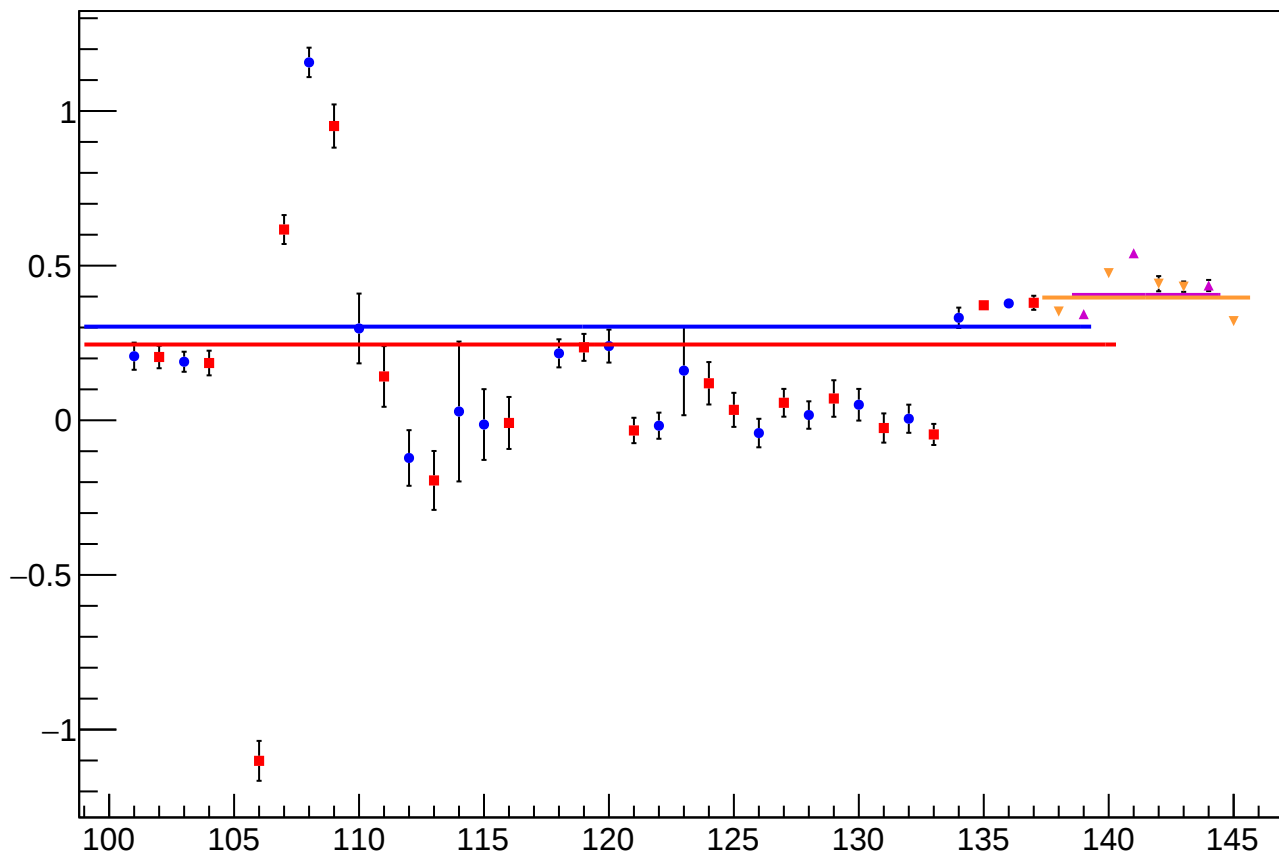
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.923+/-0.123 χ^2/NDF : 4074.9/19

Out: 11.900+/-0.111 χ^2/NDF : 4225.8/22

All: 11.910+/-0.082 χ^2/NDF : 8300.8/42

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: 0.405 $\pm$ 0.007 χ^2 /NDF:128.7/2

Left: 0.401 $\pm$ 0.005 χ^2 /NDF: 210.9/7

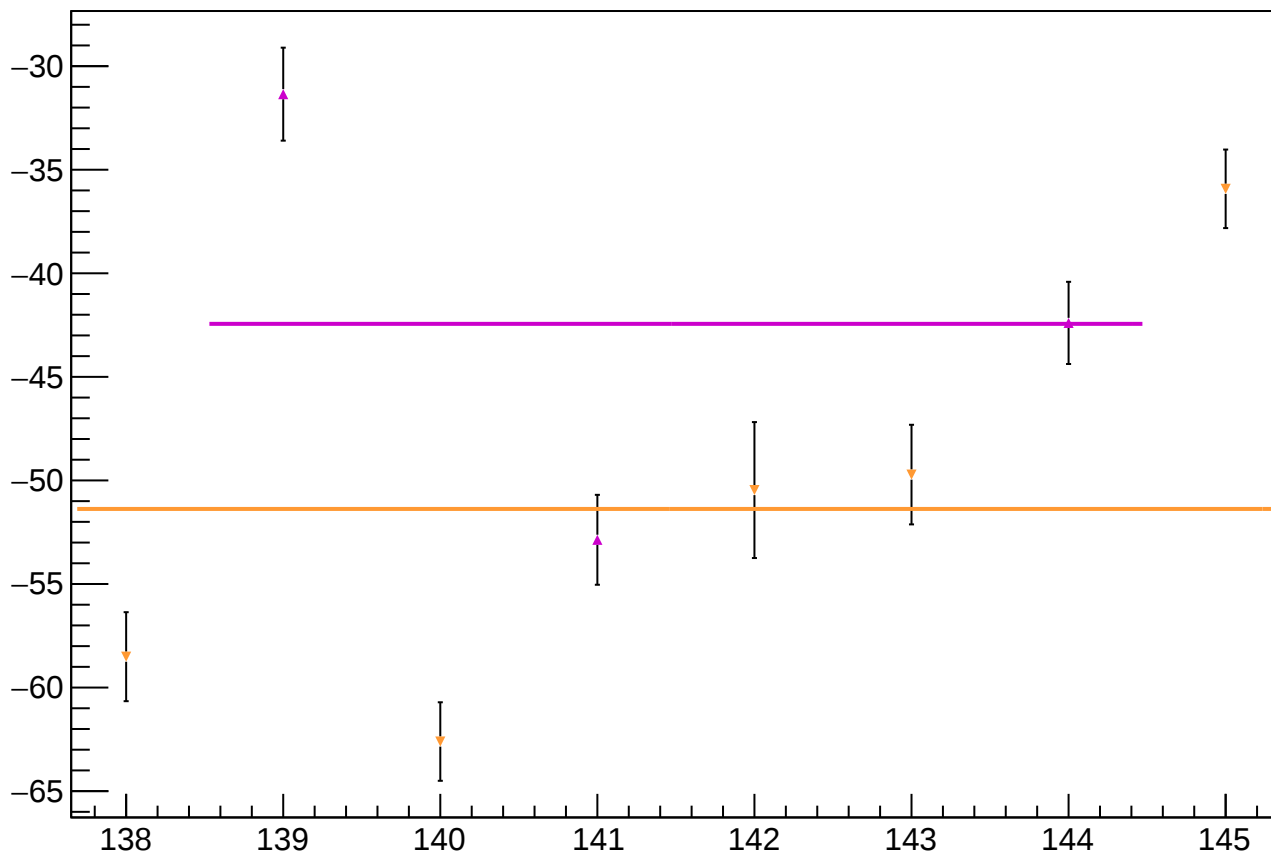
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.360 $\pm$ 0.005 χ^2 /NDF:863.5/19

Out: 0.339 $\pm$ 0.005 χ^2 /NDF:1232.7/22

All: 0.349 $\pm$ 0.004 χ^2 /NDF: 2104.0/42

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: -42.441+/-1.226 χ^2/NDF :47.5/2

Left: -47.890+/-0.766 χ^2/NDF : 193.0/7

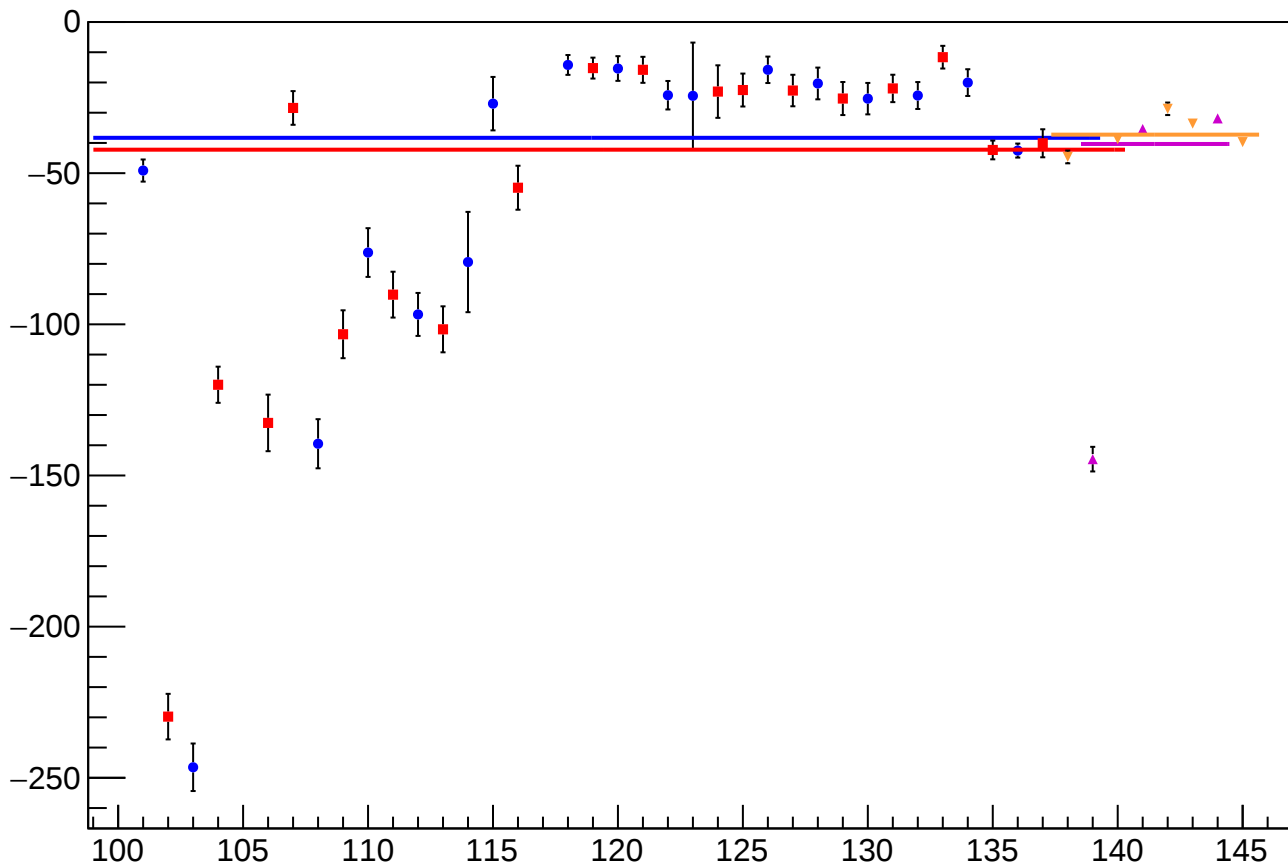
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.441+/-1.226 χ^2/NDF :47.5/2

Out: -51.376+/-0.981 χ^2/NDF :113.1/4

All: -47.890+/-0.766 χ^2/NDF : 193.0/7

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: -40.343 ± 1.011 $\chi^2/\text{NDF}: 701.6/2$

Left: -38.394 ± 0.614 $\chi^2/\text{NDF}: 745.3/7$

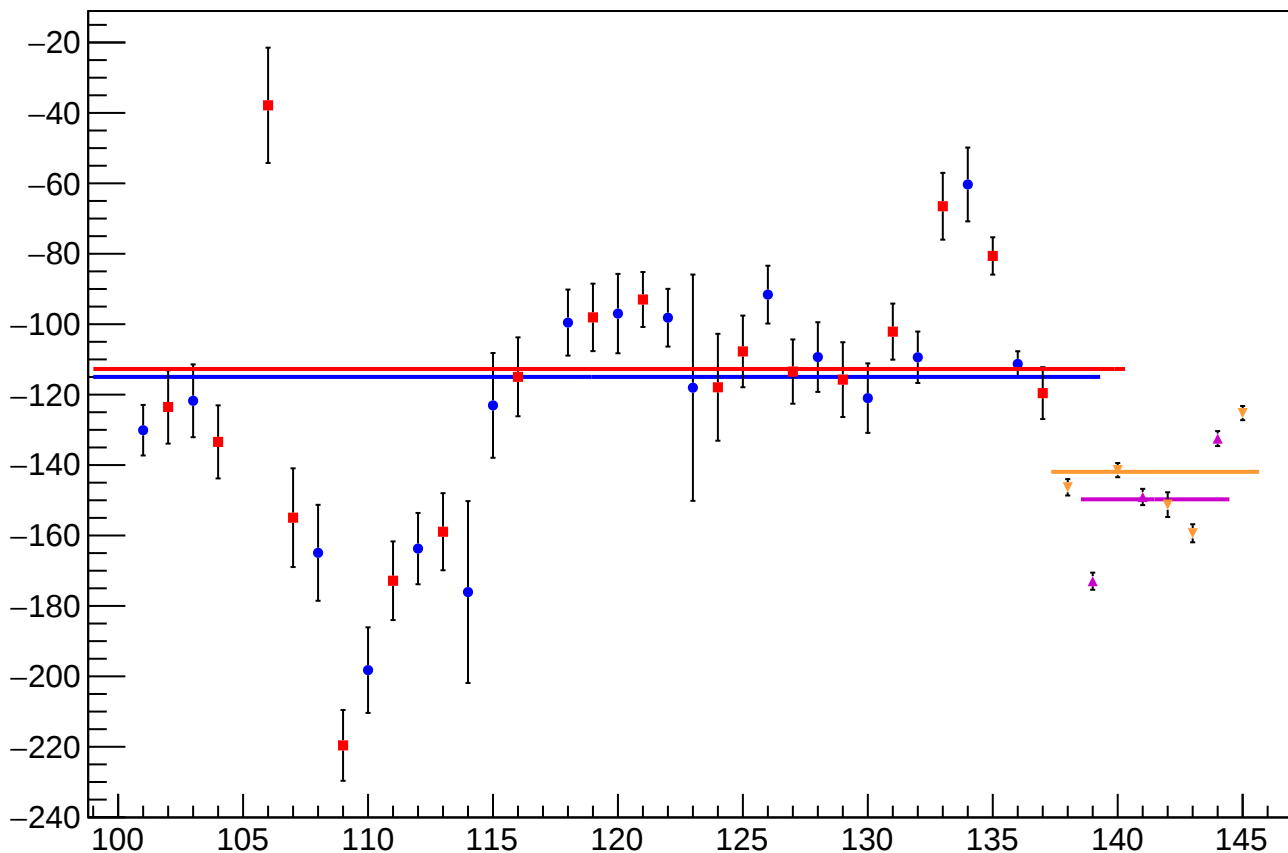
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -39.443 ± 0.756 $\chi^2/\text{NDF}: 1836.2/19$

Out: -38.699 ± 0.652 $\chi^2/\text{NDF}: 1328.0/22$

All: -39.016 ± 0.494 $\chi^2/\text{NDF}: 3164.7/42$

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: -149.730 ± 1.314 $\chi^2/\text{NDF}: 157.6/2$

Left: -144.960 ± 0.820 $\chi^2/\text{NDF}: 304.5/7$

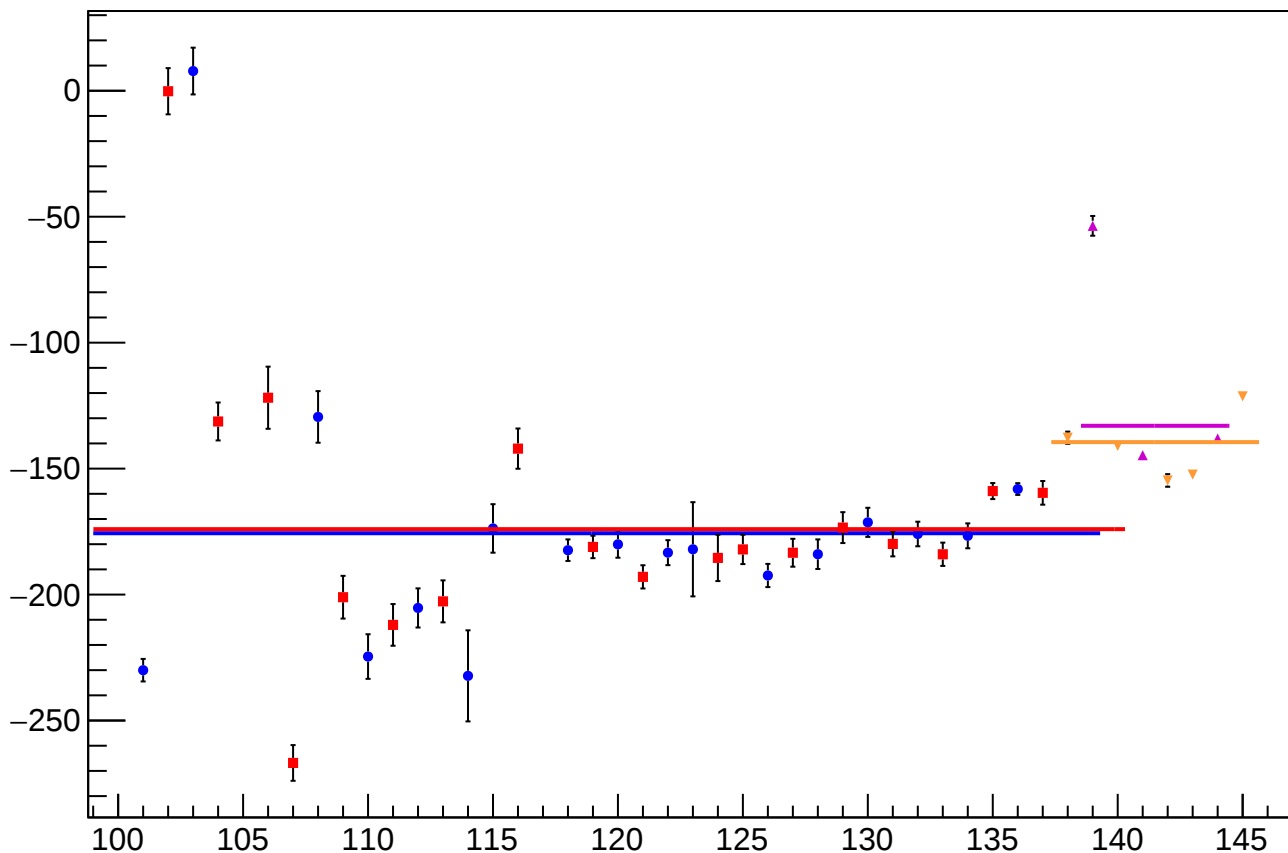
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -139.773 ± 1.110 $\chi^2/\text{NDF}: 499.4/19$

Out: -136.552 ± 0.948 $\chi^2/\text{NDF}: 535.0/22$

All: -137.909 ± 0.721 $\chi^2/\text{NDF}: 1039.3/42$

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: -132.999 ± 1.188 χ^2/NDF : 458.1/2

Left: -137.059 ± 0.726 χ^2/NDF : 663.1/7

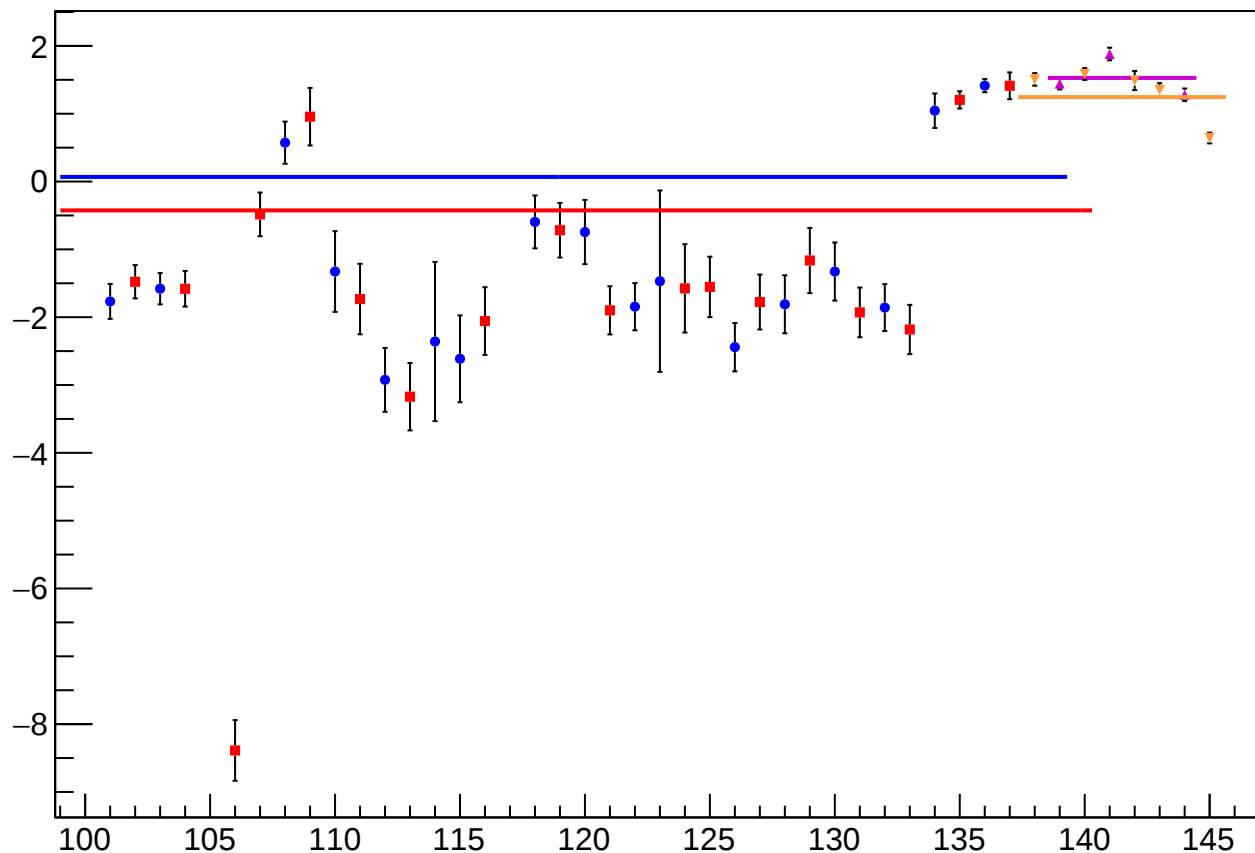
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -152.926 ± 0.867 χ^2/NDF : 1752.0/19

Out: -150.317 ± 0.759 χ^2/NDF : 1335.9/22

All: -151.449 ± 0.571 χ^2/NDF : 3093.0/42

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.246 ± 0.043 χ^2/NDF : 85.2/4

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.528 ± 0.052 χ^2/NDF : 22.5/2

Left: 1.359 ± 0.033 χ^2/NDF : 125.3/7

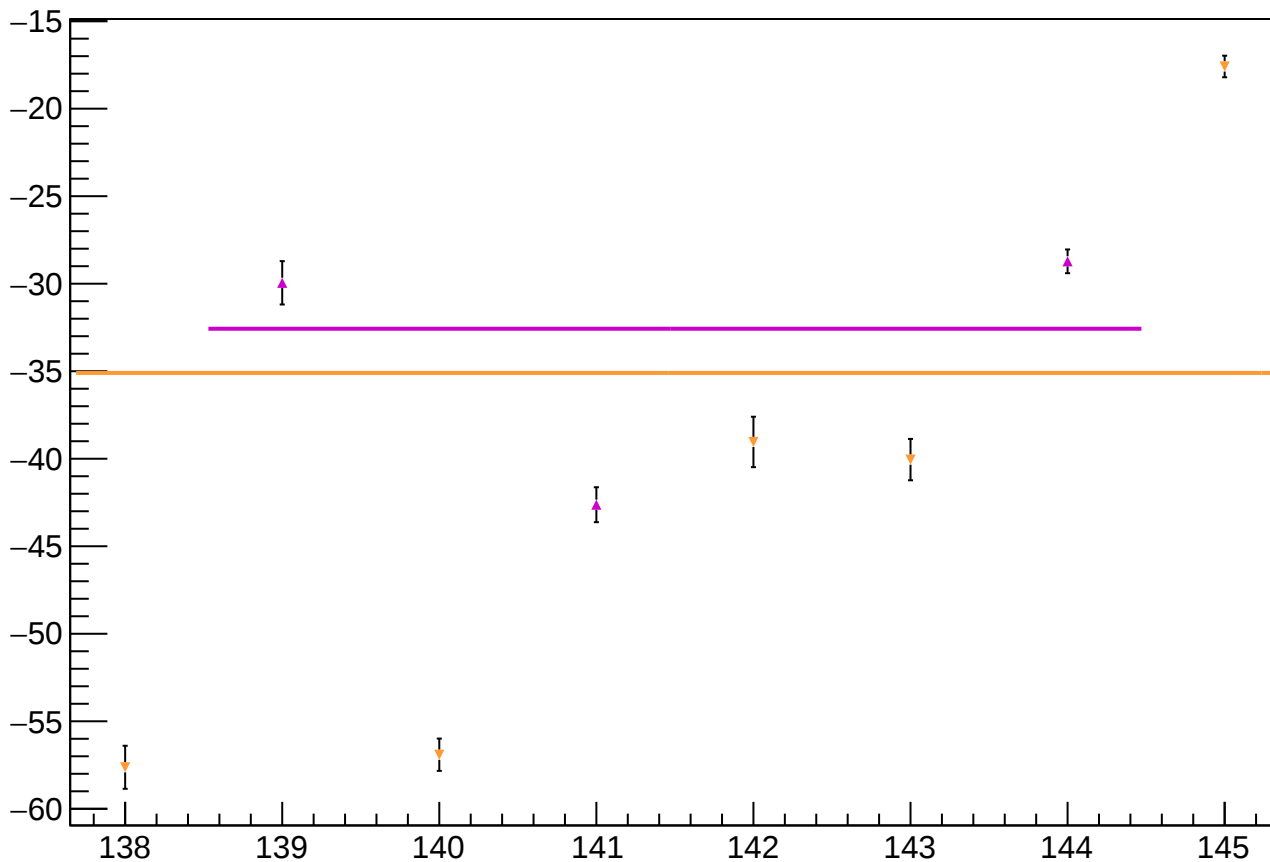
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 0.978 ± 0.041 χ^2/NDF : 844.0/19

Out: 0.805 ± 0.037 χ^2/NDF : 1233.2/22

All: 0.881 ± 0.027 χ^2/NDF : 2087.0/42

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: -32.573+/-0.511 χ^2/NDF :138.2/2

Left: -34.079+/-0.325 χ^2/NDF : 1877.5/7

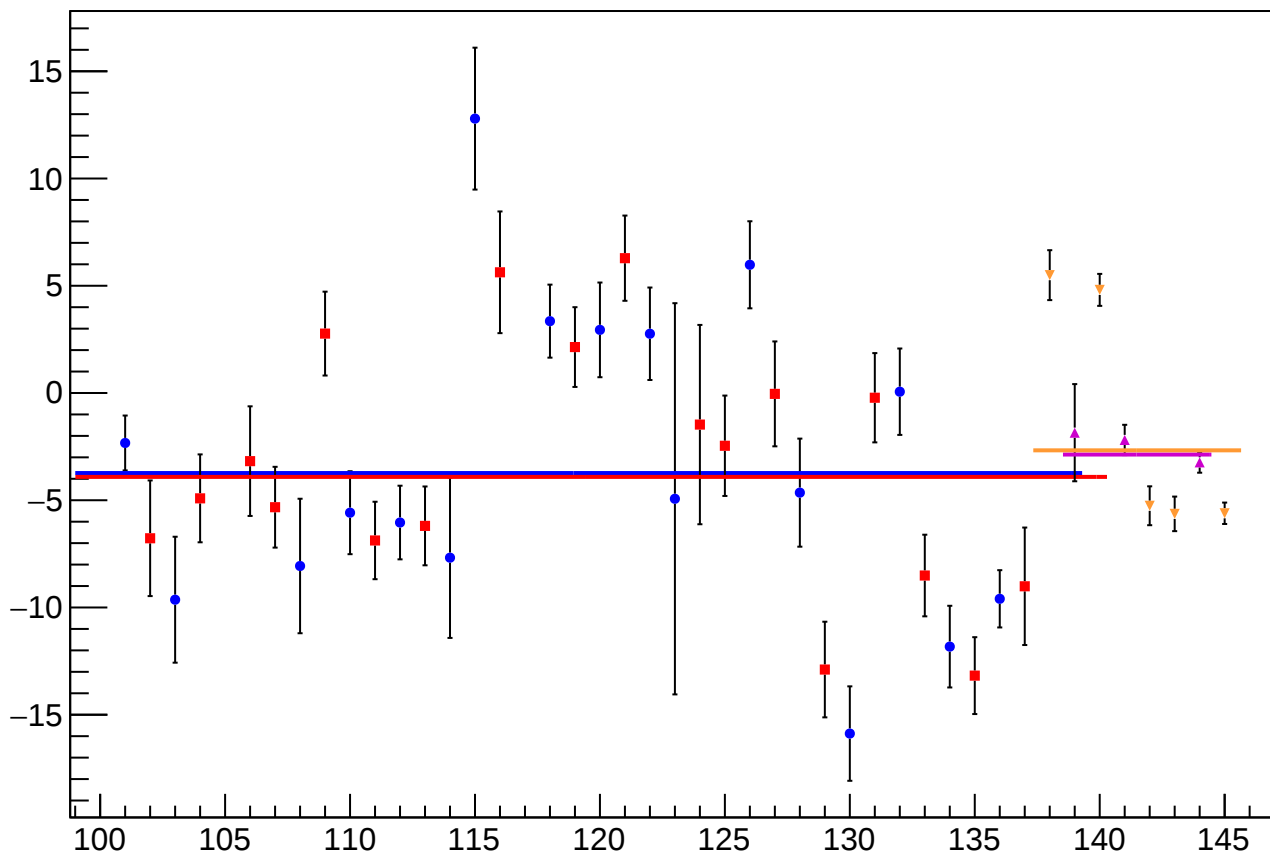
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.573+/-0.511 χ^2/NDF :138.2/2

Out: -35.098+/-0.420 χ^2/NDF :1724.7/4

All: -34.079+/-0.325 χ^2/NDF : 1877.5/7

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: -2.869 ± 0.392 χ^2/NDF : 1.7/2

Left: -2.754 ± 0.252 χ^2/NDF : 208.1/7

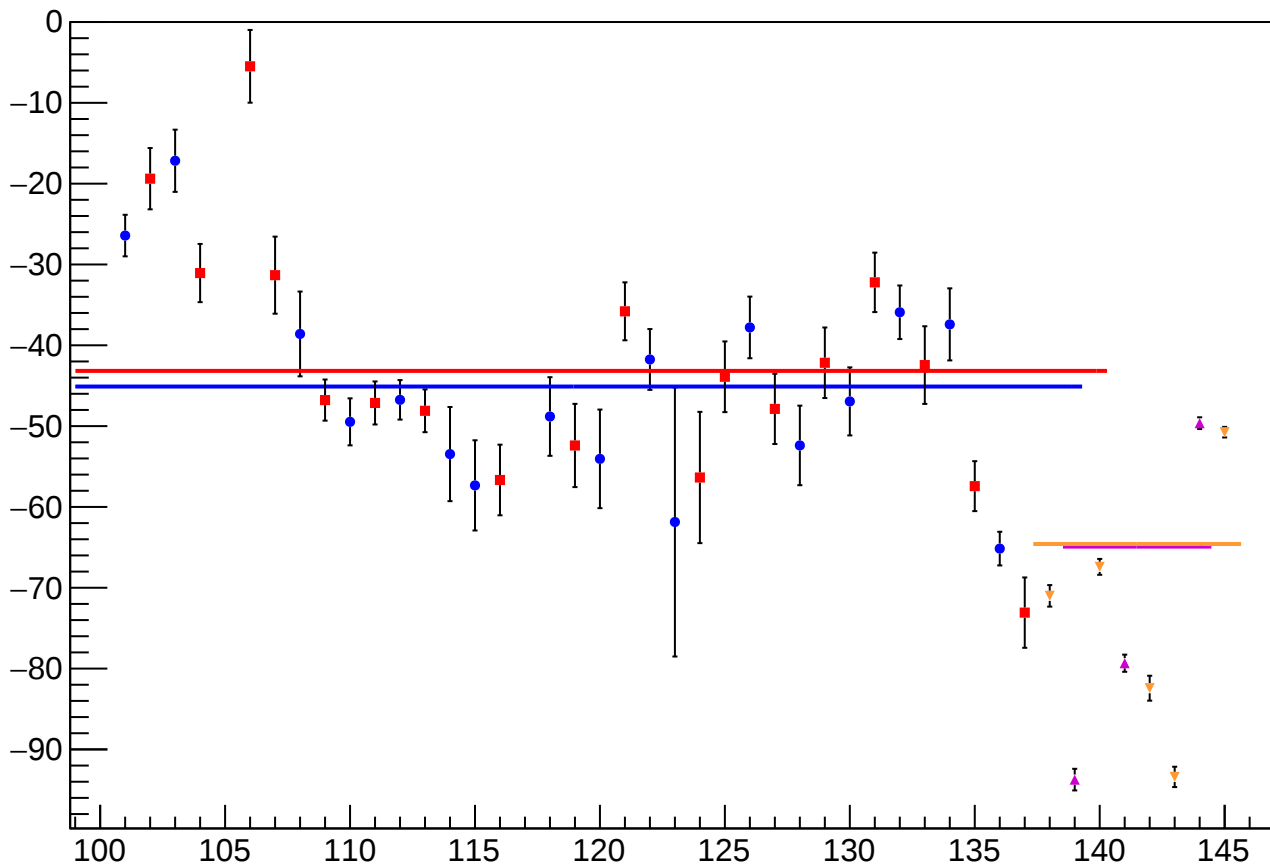
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -3.201 ± 0.308 χ^2/NDF : 169.4/19

Out: -3.038 ± 0.275 χ^2/NDF : 335.2/22

All: -3.111 ± 0.205 χ^2/NDF : 504.7/42

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: -64.910 ± 0.547 χ^2/NDF : 1090.5/2

Left: -64.716 ± 0.347 χ^2/NDF : 2224.9/7

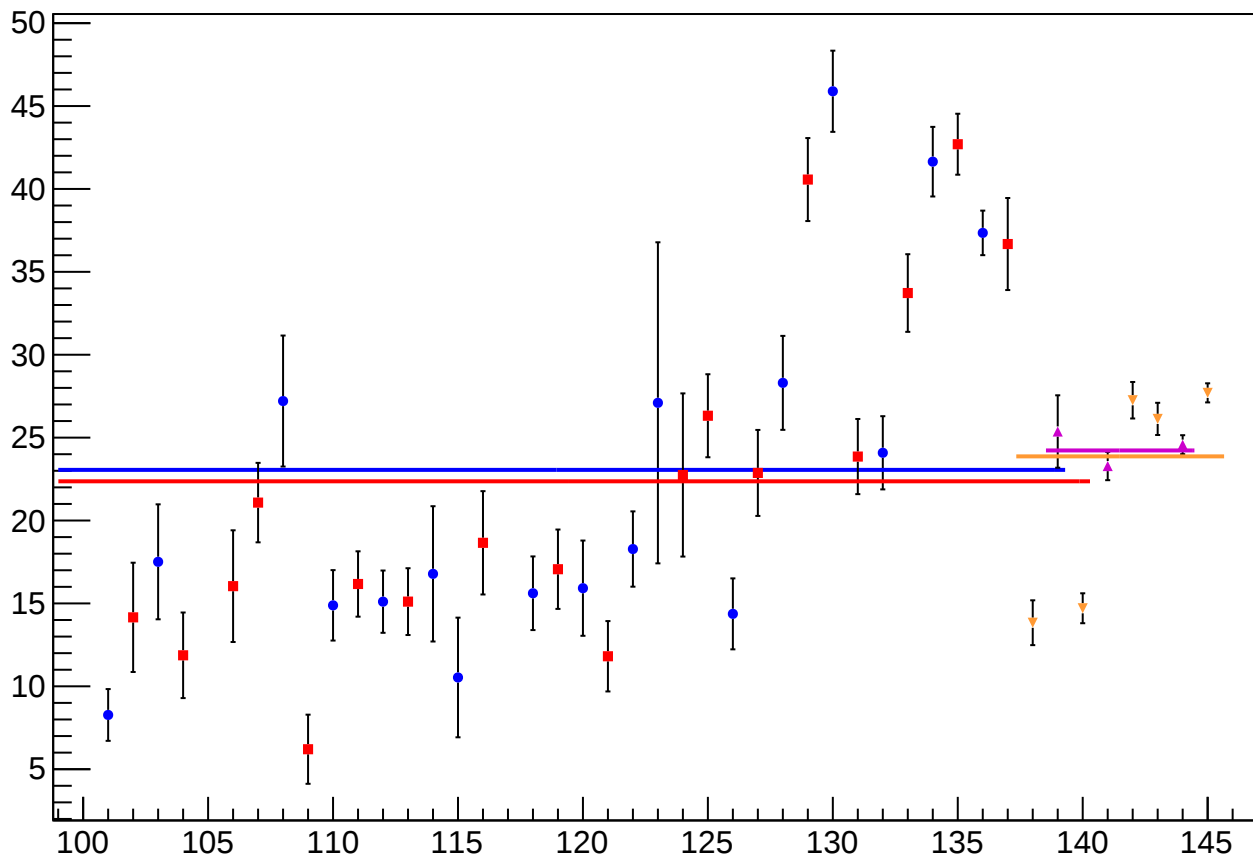
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -59.409 ± 0.465 χ^2/NDF : 1684.9/19

Out: -60.168 ± 0.399 χ^2/NDF : 1838.1/22

All: -59.846 ± 0.303 χ^2/NDF : 3524.6/42

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: 24.227 $\pm$ 0.464 χ^2 /NDF:1.9/2

Left: 24.016 $\pm$ 0.297 χ^2 /NDF: 219.4/7

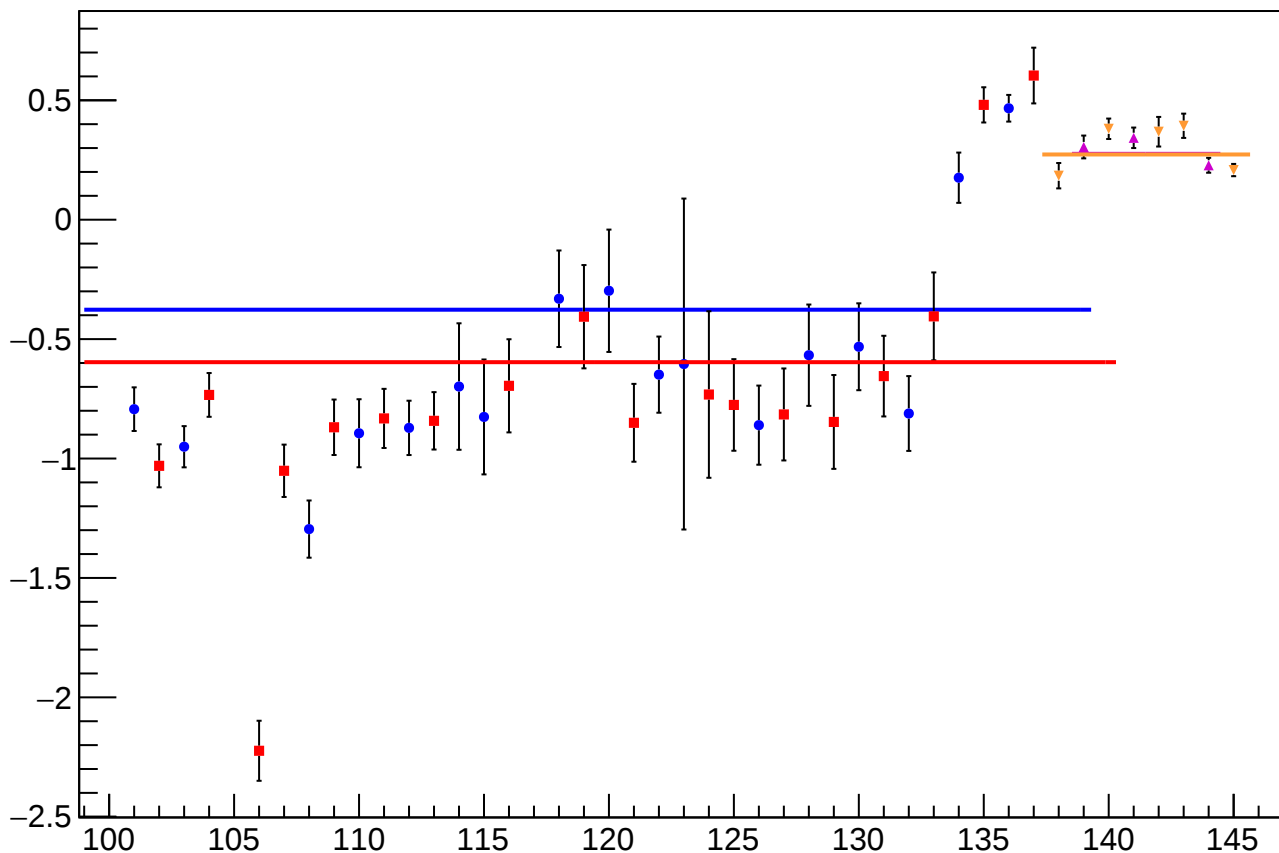
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 23.746 $\pm$ 0.357 χ^2 /NDF:465.6/19

Out: 23.397 $\pm$ 0.321 χ^2 /NDF:590.7/22

All: 23.553 $\pm$ 0.238 χ^2 /NDF: 1056.8/42

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: 0.276 ± 0.022 $\chi^2/\text{NDF}: 5.2/2$

Left: 0.274 ± 0.014 $\chi^2/\text{NDF}: 28.7/7$

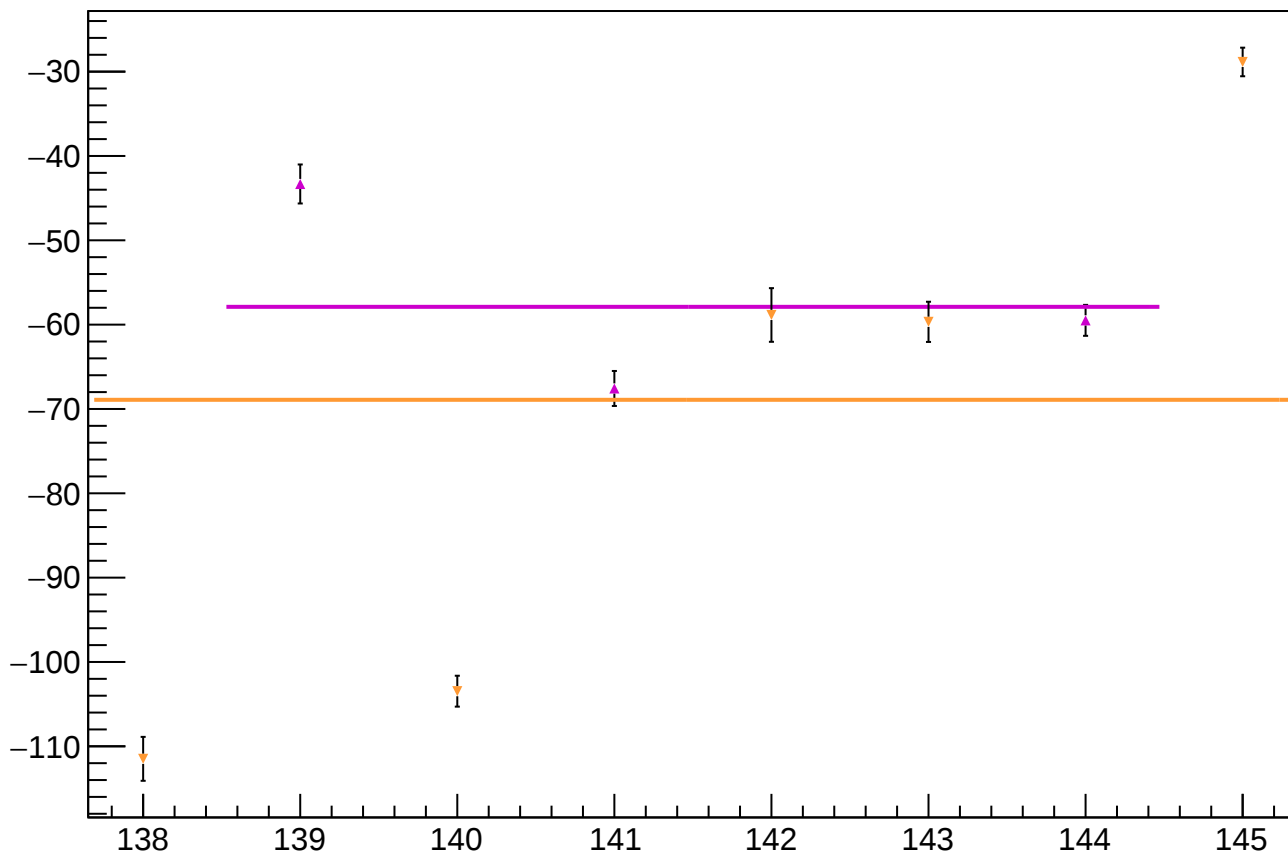
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.044 ± 0.018 $\chi^2/\text{NDF}: 745.8/19$

Out: 0.044 ± 0.016 $\chi^2/\text{NDF}: 1183.8/22$

All: 0.044 ± 0.012 $\chi^2/\text{NDF}: 1929.7/42$

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: -57.888+/-1.181 χ^2/NDF :62.2/2

Left: -64.488+/-0.749 χ^2/NDF : 1320.6/7

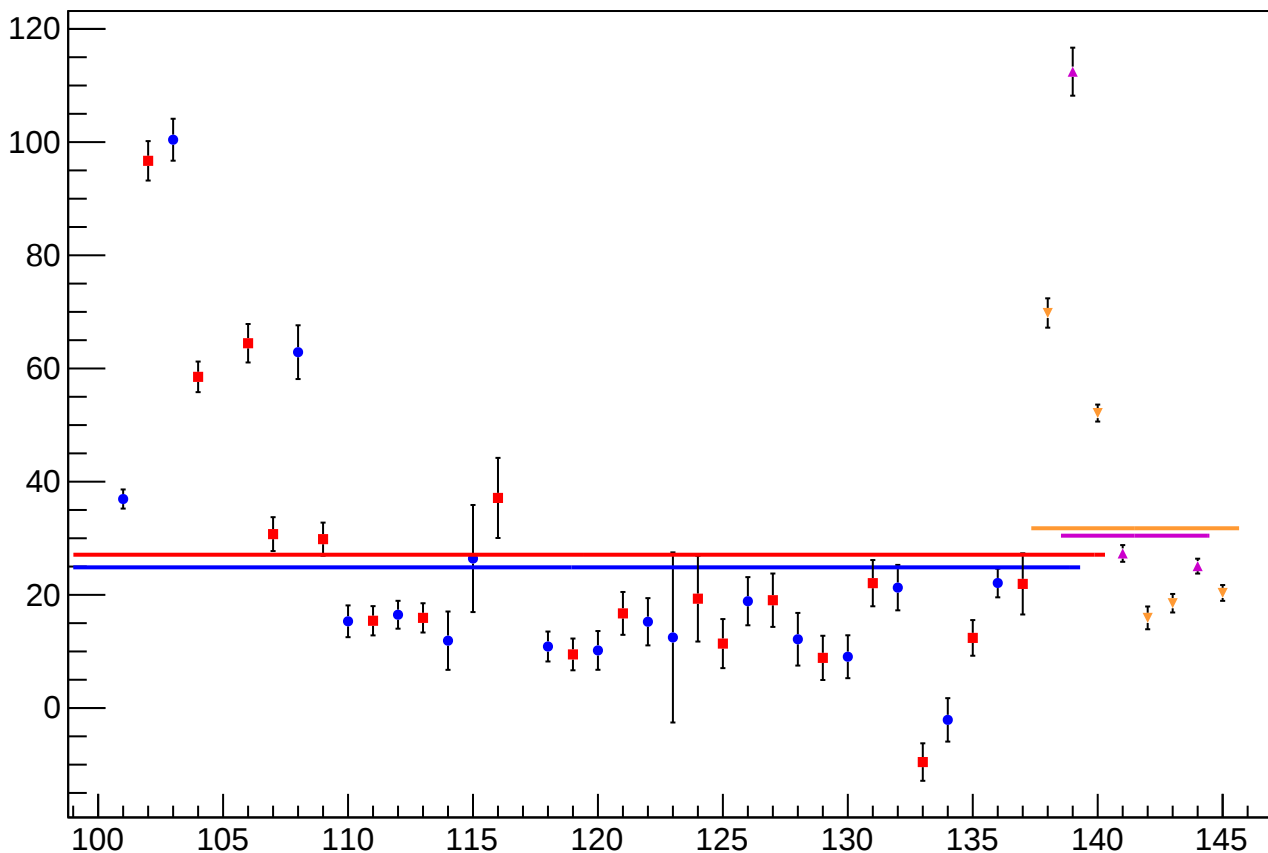
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.888+/-1.181 χ^2/NDF :62.2/2

Out: -68.914+/-0.968 χ^2/NDF :1206.2/4

All: -64.488+/-0.749 χ^2/NDF : 1320.6/7

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 31.768 $\pm$ 0.761 χ^2 /NDF:593.9/4

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 30.458 $\pm$ 0.956 χ^2 /NDF:394.8/2

Left: 31.260 $\pm$ 0.596 χ^2 /NDF: 989.9/7

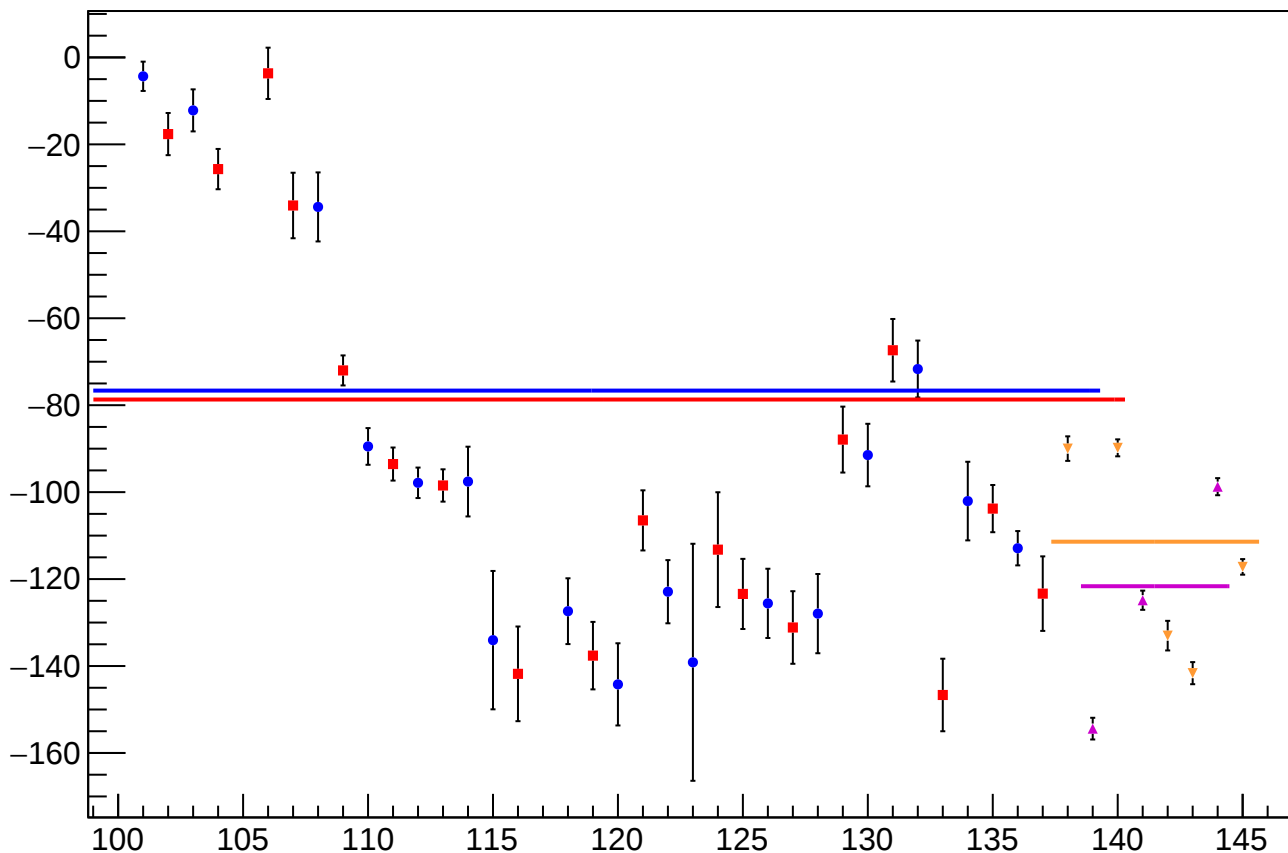
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 27.172 $\pm$ 0.615 χ^2 /NDF:1105.9/19

Out: 29.581 $\pm$ 0.555 χ^2 /NDF:1542.5/22

All: 28.498 $\pm$ 0.412 χ^2 /NDF: 2656.9/42

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -111.399 ± 1.031 $\chi^2/\text{NDF}: 372.2/4$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -121.642 ± 1.265 $\chi^2/\text{NDF}: 309.9/2$

Left: -115.486 ± 0.799 $\chi^2/\text{NDF}: 721.4/7$

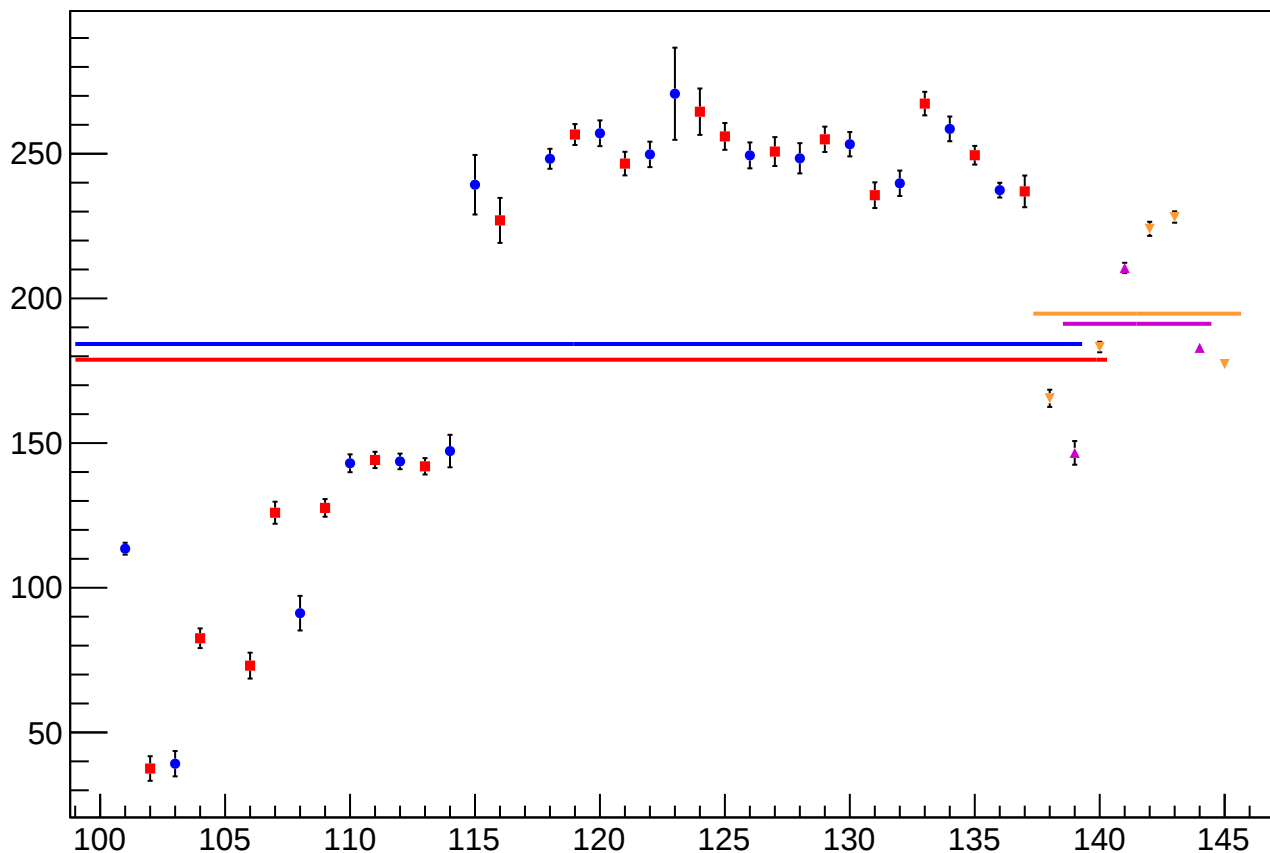
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -101.641 ± 0.943 $\chi^2/\text{NDF}: 1912.7/19$

Out: -99.460 ± 0.822 $\chi^2/\text{NDF}: 1575.8/22$

All: -100.401 ± 0.620 $\chi^2/\text{NDF}: 3491.5/42$

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: 191.226 $\pm$ 1.125 χ^2 /NDF: 265.4/2

Left: 193.366 $\pm$ 0.703 χ^2 /NDF: 960.2/7

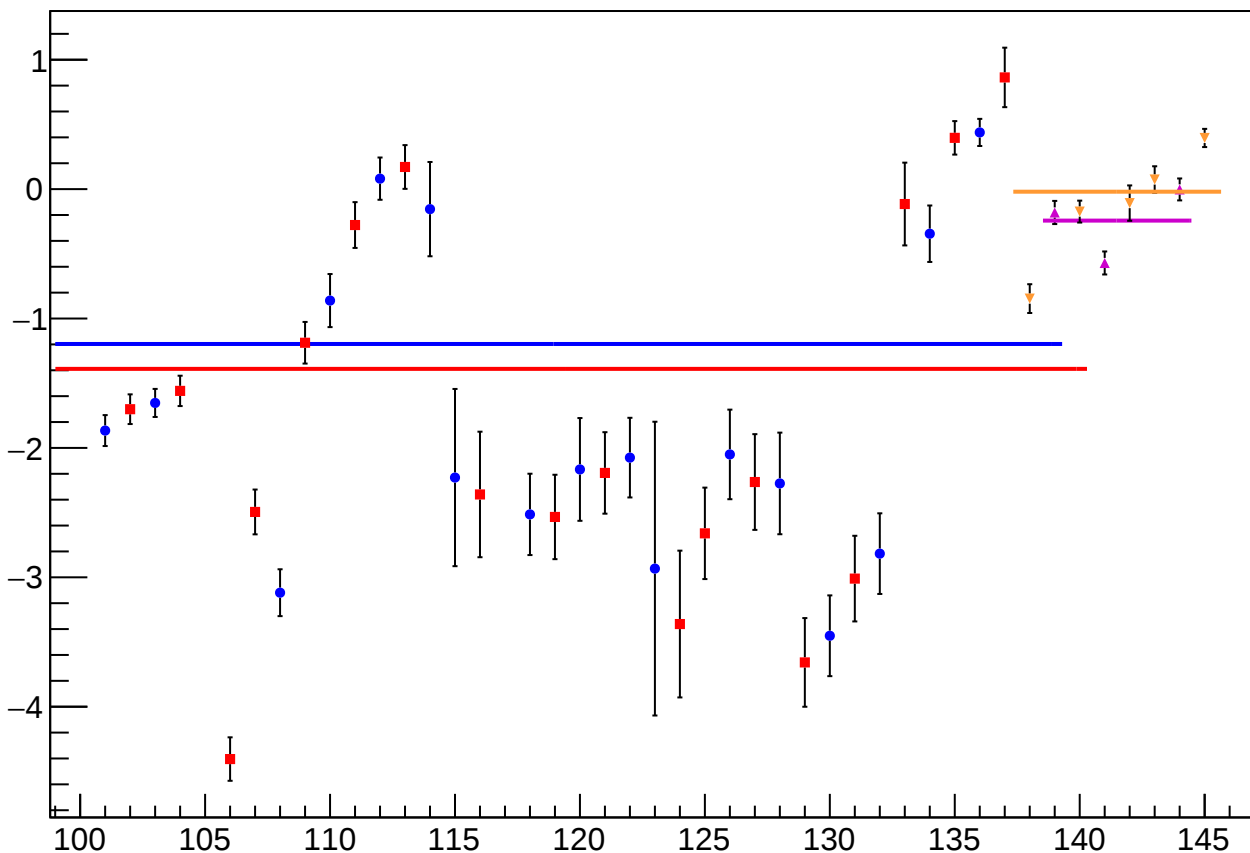
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 187.026 $\pm$ 0.710 χ^2 /NDF: 5677.1/19

Out: 187.001 $\pm$ 0.645 χ^2 /NDF: 7011.8/22

All: 187.013 $\pm$ 0.478 χ^2 /NDF: 12688.9/42

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: -0.243 ± 0.051 χ^2/NDF : 22.1/2

Left: -0.111 ± 0.032 χ^2/NDF : 128.3/7

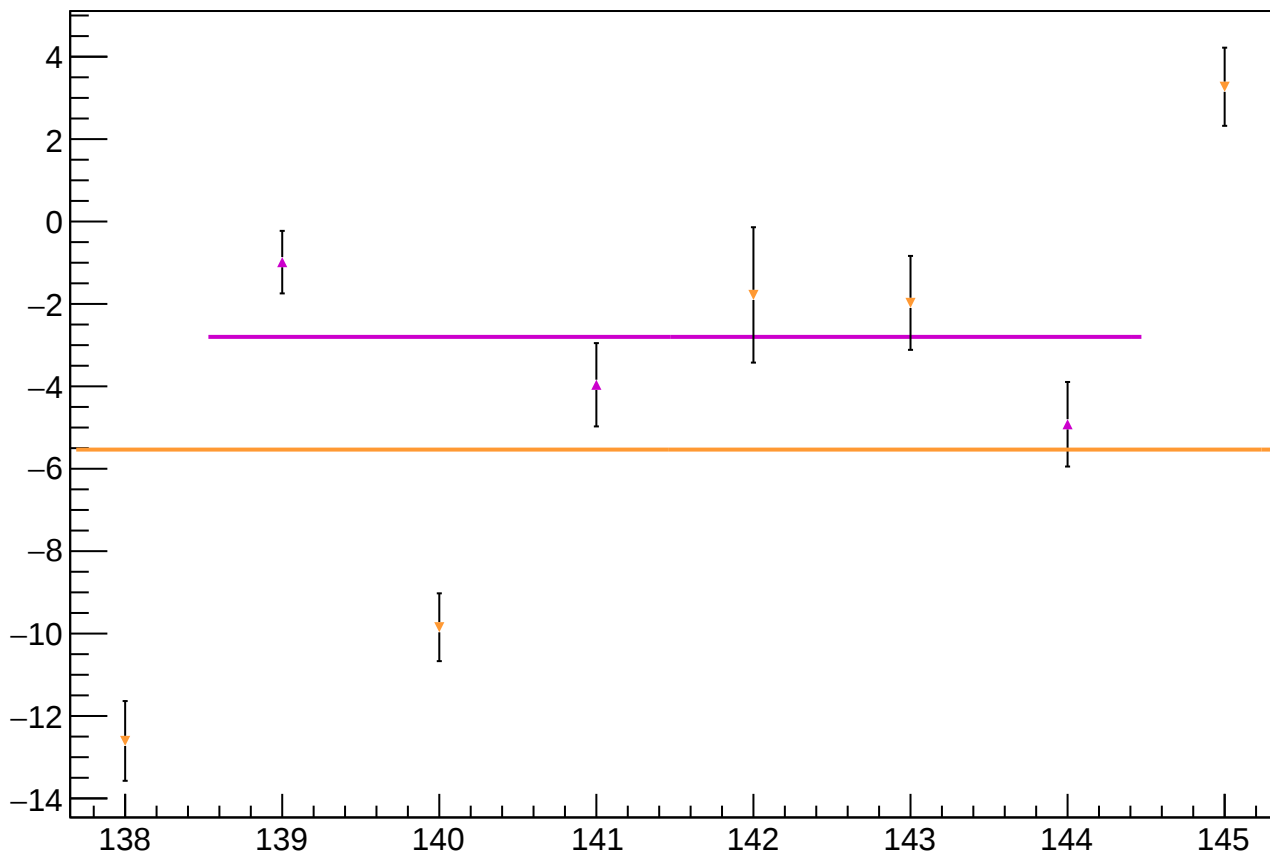
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.744 ± 0.035 χ^2/NDF : 830.0/19

Out: -0.639 ± 0.031 χ^2/NDF : 1501.1/22

All: -0.685 ± 0.023 χ^2/NDF : 2336.2/42

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -5.535 $\pm$ 0.457 χ^2 /NDF:182.0/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -2.800 $\pm$ 0.522 χ^2 /NDF:11.3/2

Left: -4.350 $\pm$ 0.344 χ^2 /NDF: 208.9/7

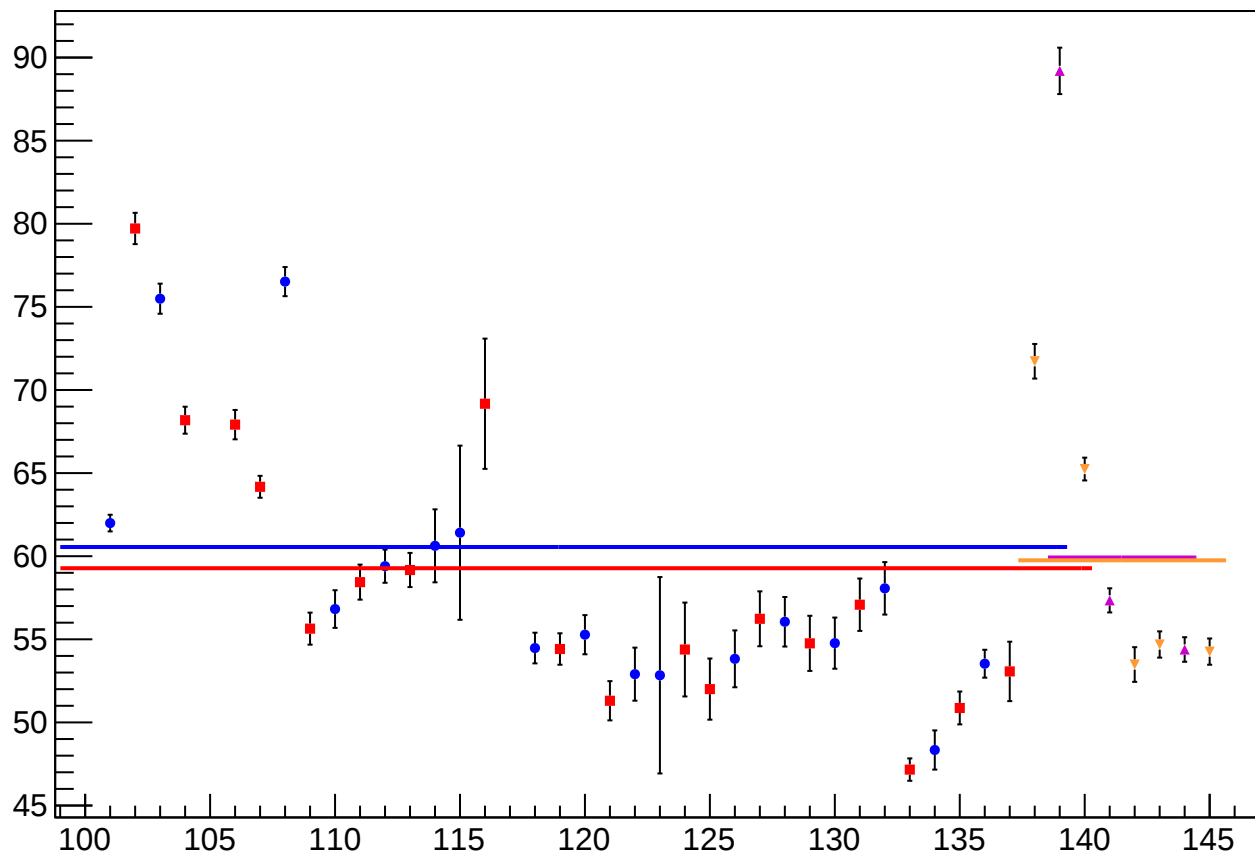
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.800 $\pm$ 0.522 χ^2 /NDF:11.3/2

Out: -5.535 $\pm$ 0.457 χ^2 /NDF:182.0/4

All: -4.350 $\pm$ 0.344 χ^2 /NDF: 208.9/7

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 59.753 ± 0.373 $\chi^2/\text{NDF}: 321.9/4$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 59.922 ± 0.486 $\chi^2/\text{NDF}: 508.4/2$

Left: 59.815 ± 0.296 $\chi^2/\text{NDF}: 830.4/7$

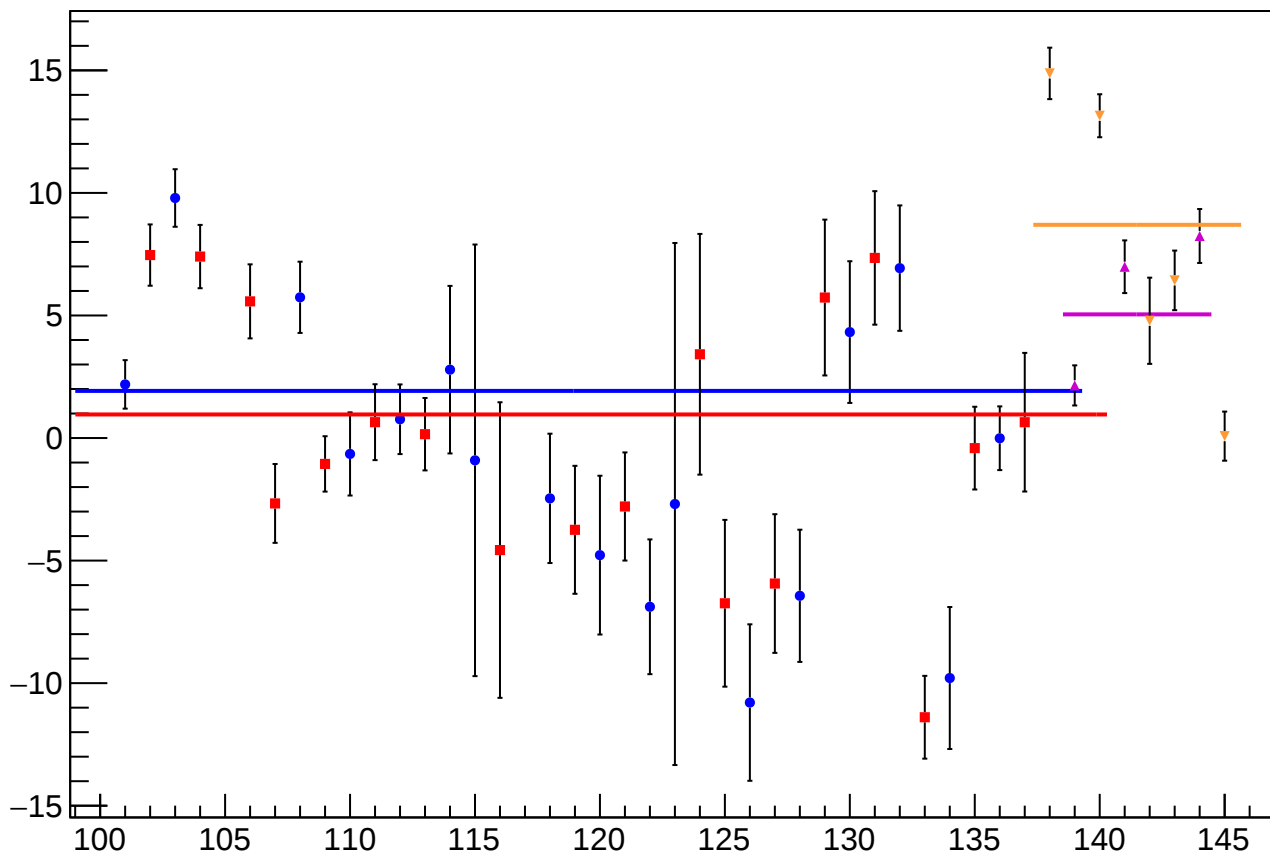
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 60.410 ± 0.230 $\chi^2/\text{NDF}: 1440.7/19$

Out: 59.423 ± 0.207 $\chi^2/\text{NDF}: 1597.8/22$

All: 59.864 ± 0.154 $\chi^2/\text{NDF}: 3048.7/42$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 8.699 ± 0.488 χ^2/NDF : 142.9/4

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 5.045 ± 0.560 χ^2/NDF : 24.3/2

Left: 7.124 ± 0.368 χ^2/NDF : 191.3/7

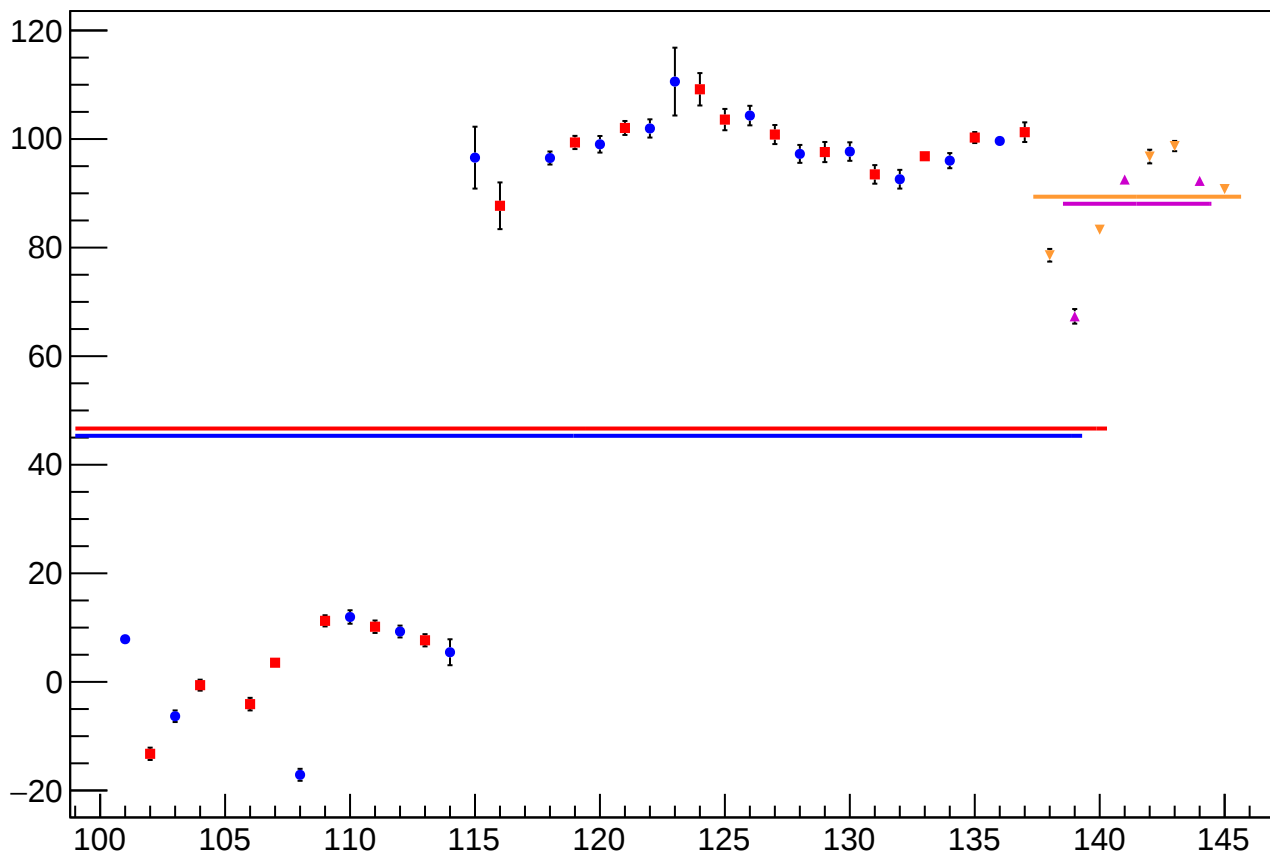
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 3.174 ± 0.355 χ^2/NDF : 163.9/19

Out: 4.343 ± 0.322 χ^2/NDF : 434.7/22

All: 3.814 ± 0.239 χ^2/NDF : 604.6/42

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 89.378+/-0.440 χ^2/NDF :273.8/4

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 88.075+/-0.560 χ^2/NDF :286.8/2

Left: 88.881+/-0.346 χ^2/NDF : 564.0/7

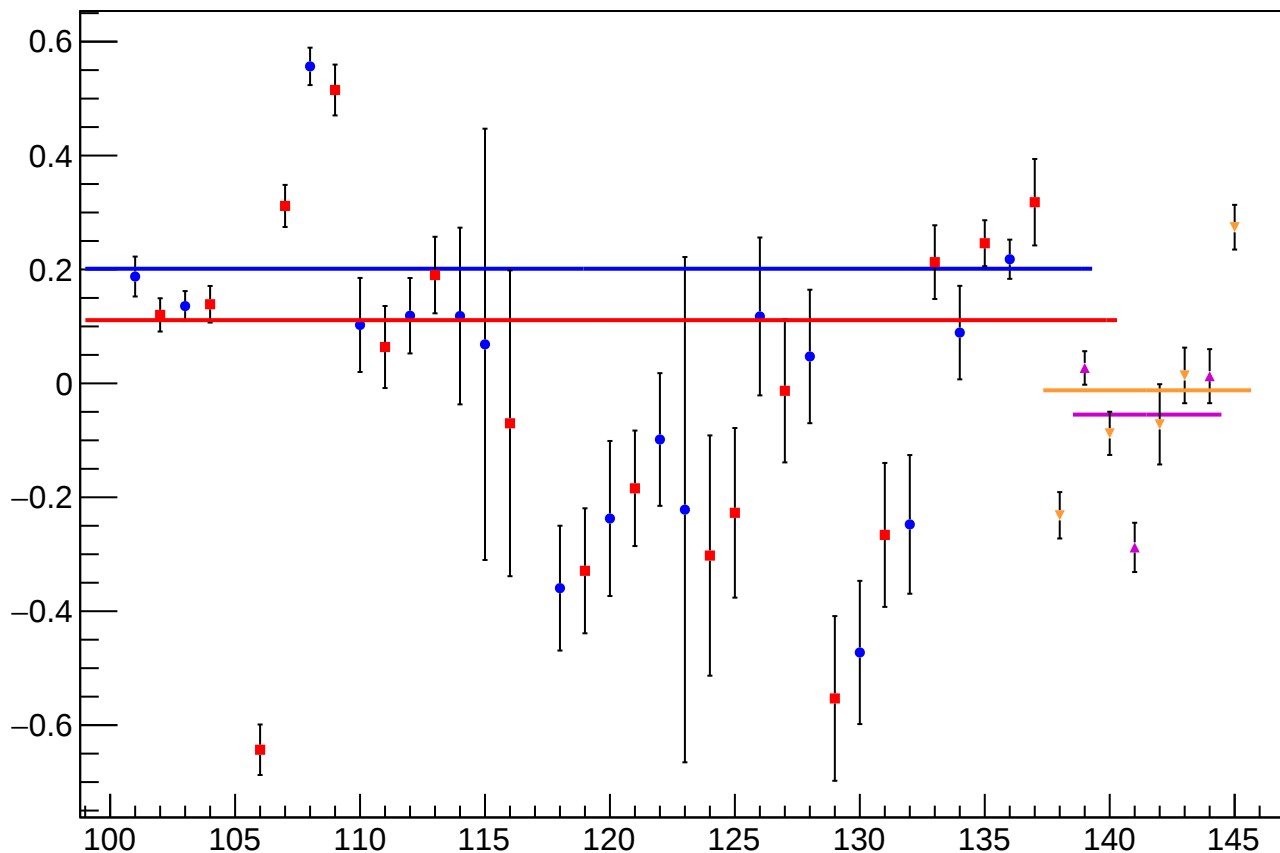
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 55.033+/-0.267 χ^2/NDF :29793.1/19

Out: 59.673+/-0.243 χ^2/NDF :34736.9/22

All: 57.575+/-0.179 χ^2/NDF : 64695.5/42

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: -0.055 ± 0.022 χ^2/NDF : 38.8/2

Left: -0.032 ± 0.015 χ^2/NDF : 128.2/7

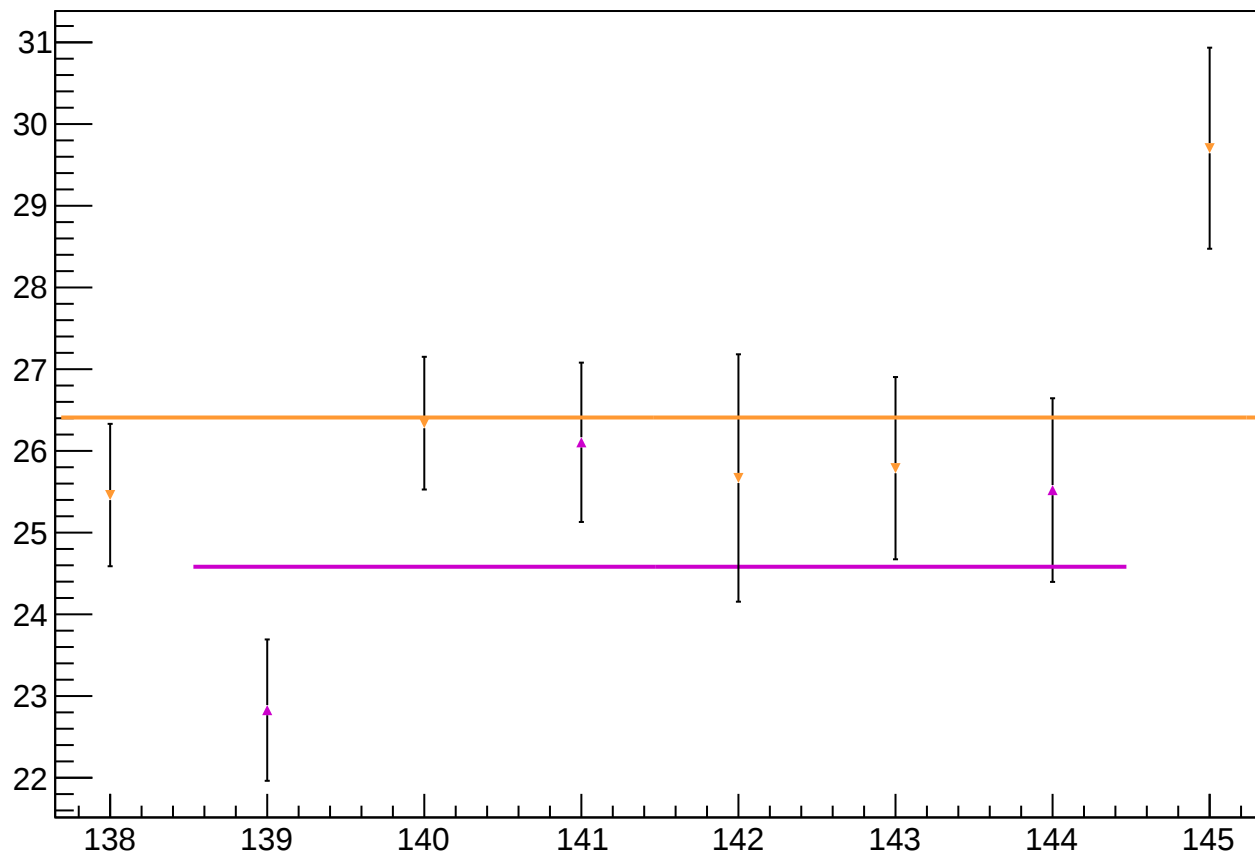
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.125 ± 0.012 χ^2/NDF : 354.6/19

Out: 0.073 ± 0.011 χ^2/NDF : 603.8/22

All: 0.097 ± 0.008 χ^2/NDF : 969.0/42

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.409+/-0.460 χ^2/NDF : 8.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.582+/-0.561 χ^2/NDF : 7.3/2

Left: 25.675+/-0.355 χ^2/NDF : 22.5/7

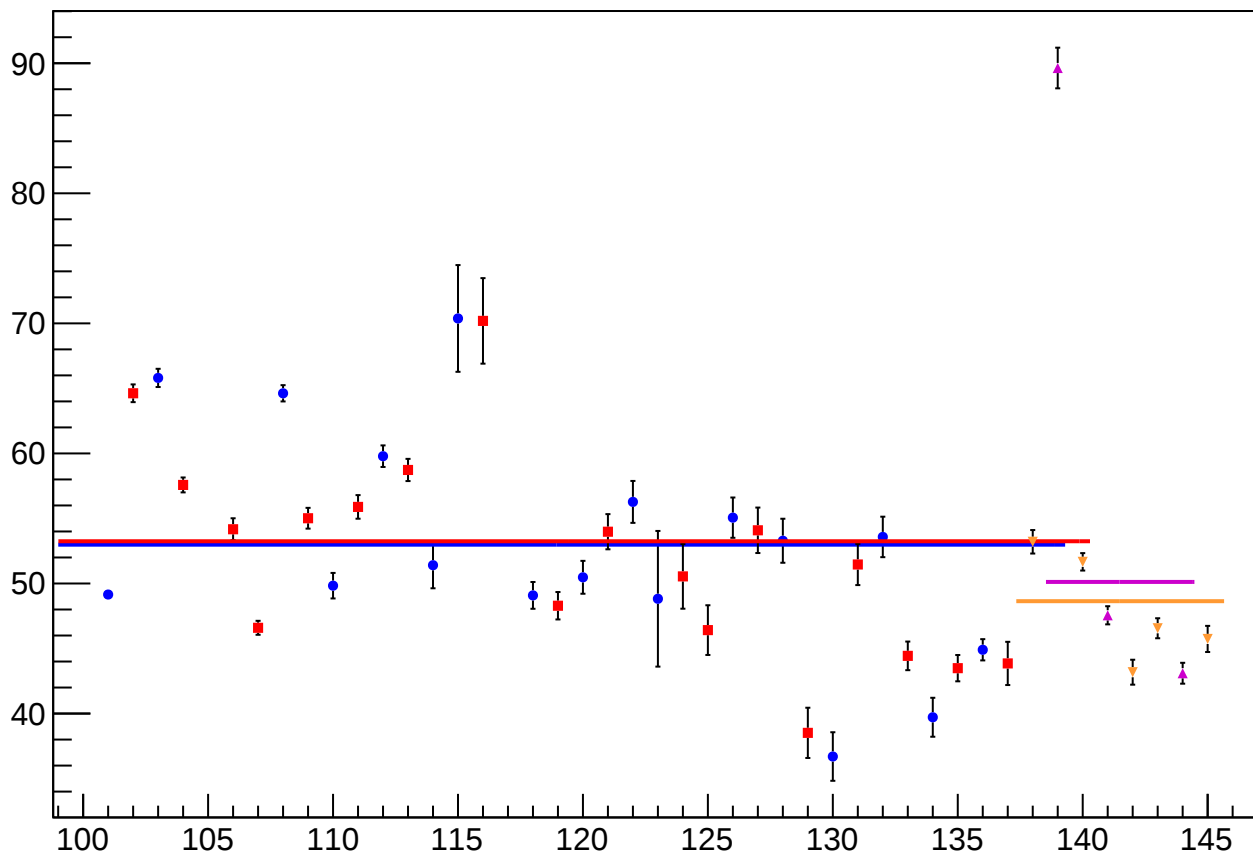
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.582+/-0.561 χ^2/NDF : 7.3/2

Out: 26.409+/-0.460 χ^2/NDF : 8.9/4

All: 25.675+/-0.355 χ^2/NDF : 22.5/7

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: 50.121 $\pm$ 0.499 χ^2 /NDF:729.0/2

Left: 49.169 $\pm$ 0.298 χ^2 /NDF: 828.7/7

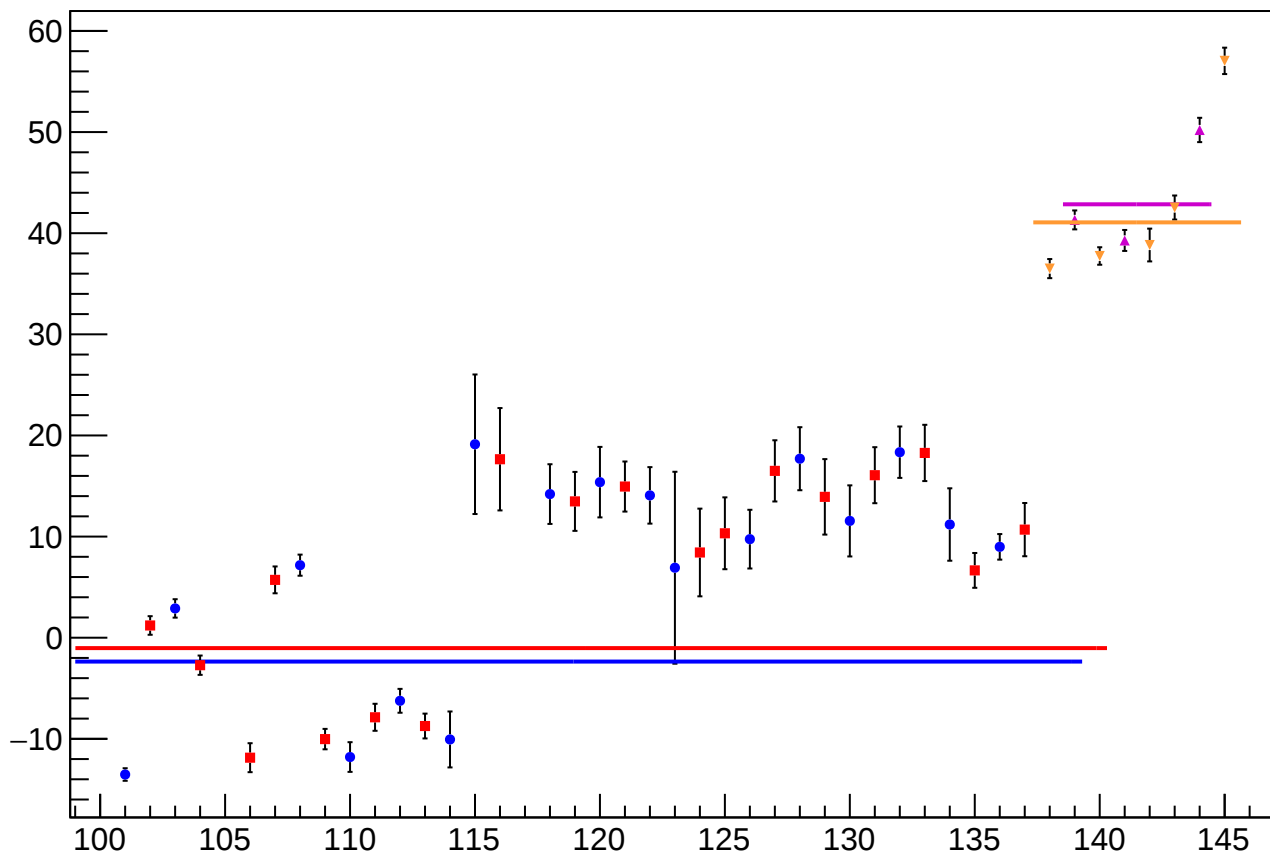
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 52.553 $\pm$ 0.194 χ^2 /NDF:1954.9/19

Out: 51.995 $\pm$ 0.194 χ^2 /NDF:1062.1/22

All: 52.274 $\pm$ 0.137 χ^2 /NDF: 3021.1/42

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 41.070 ± 0.492 $\chi^2/\text{NDF}: 191.4/4$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 42.858 ± 0.602 $\chi^2/\text{NDF}: 52.0/2$

Left: 41.787 ± 0.381 $\chi^2/\text{NDF}: 248.7/7$

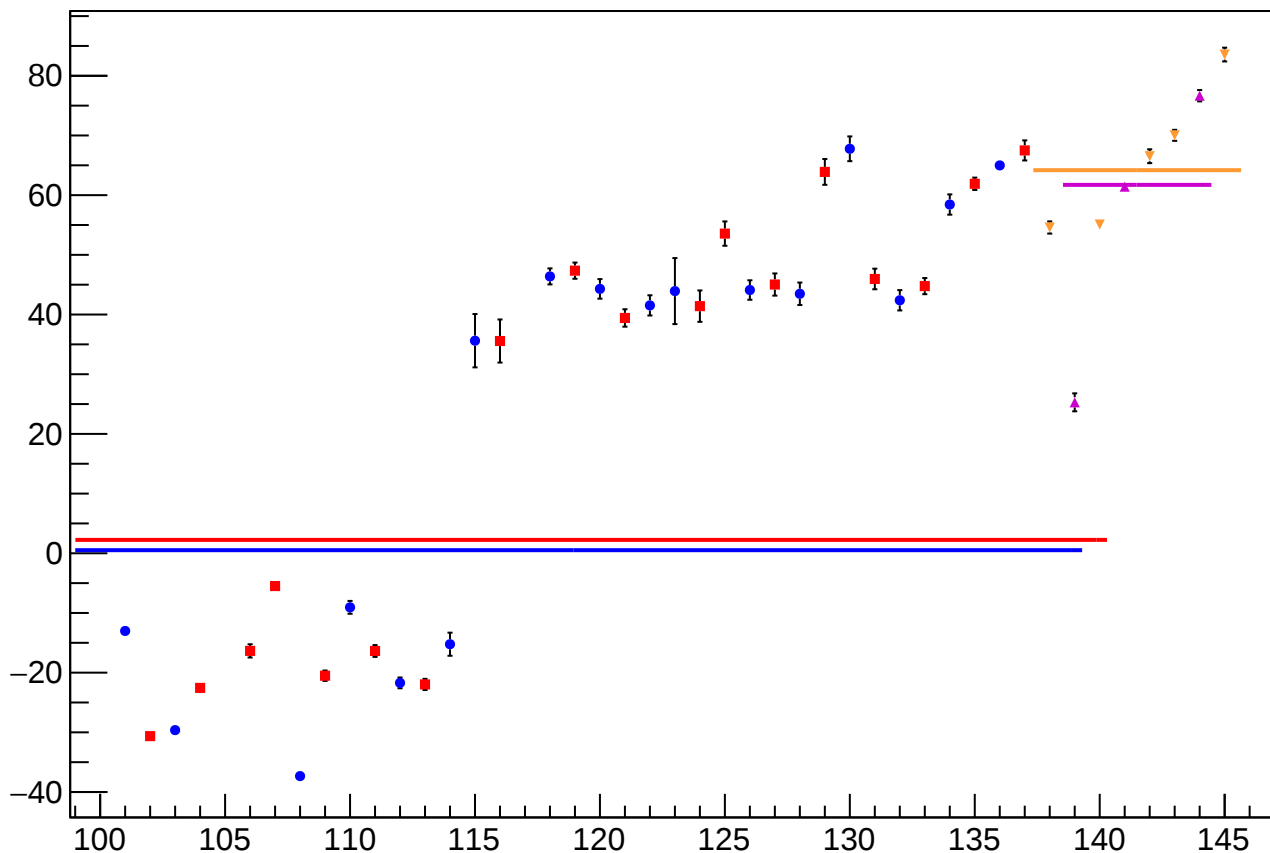
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 9.766 ± 0.312 $\chi^2/\text{NDF}: 5024.9/19$

Out: 14.715 ± 0.301 $\chi^2/\text{NDF}: 5282.9/22$

All: 12.326 ± 0.216 $\chi^2/\text{NDF}: 10438.4/42$

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: 61.724 $\pm$ 0.580 χ^2 /NDF:832.5/2

Left: 63.286 $\pm$ 0.351 χ^2 /NDF: 1383.9/7

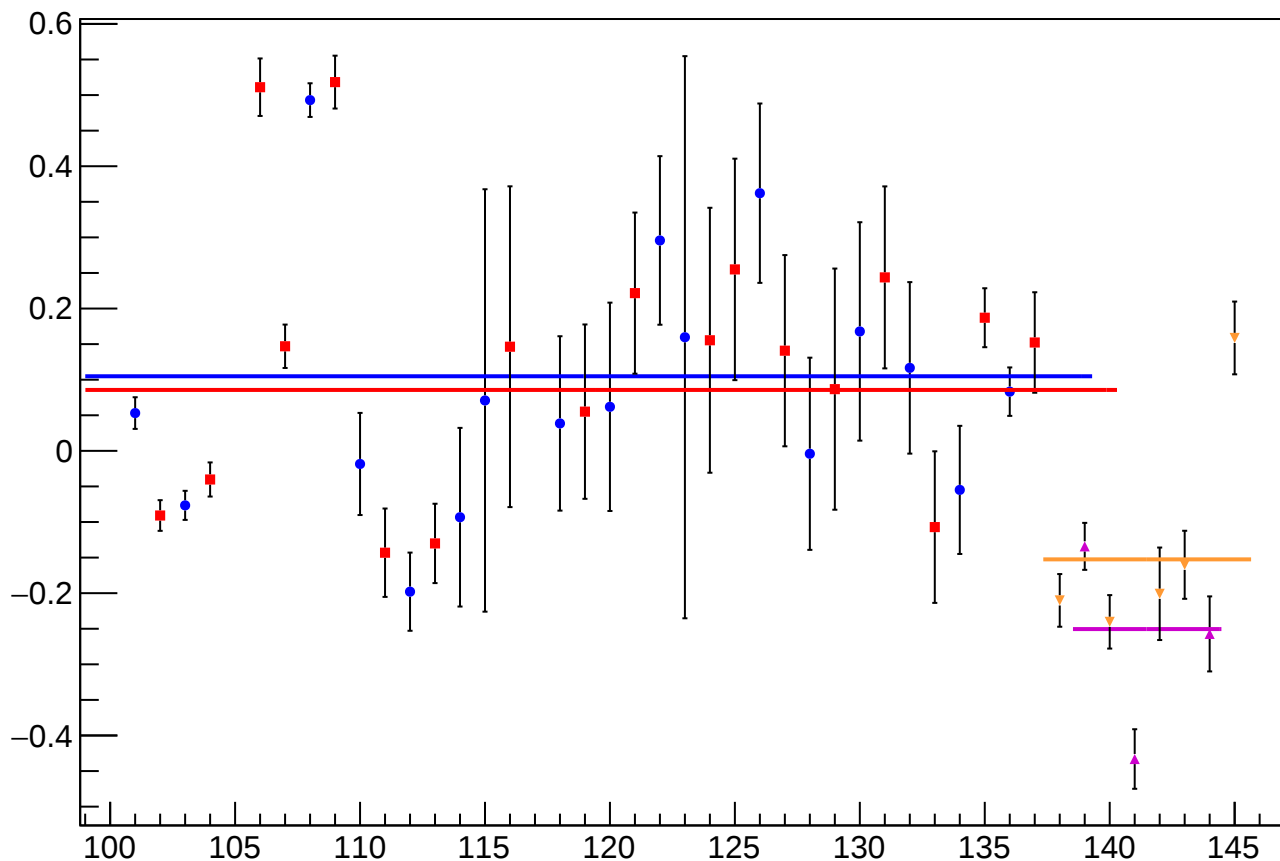
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 9.900 $\pm$ 0.227 χ^2 /NDF:28636.2/19

Out: 18.925 $\pm$ 0.229 χ^2 /NDF:30364.3/22

All: 14.385 $\pm$ 0.161 χ^2 /NDF: 59784.5/42

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: -0.250 ± 0.023 $\chi^2/\text{NDF}: 31.5/2$

Left: -0.194 ± 0.015 $\chi^2/\text{NDF}: 87.2/7$

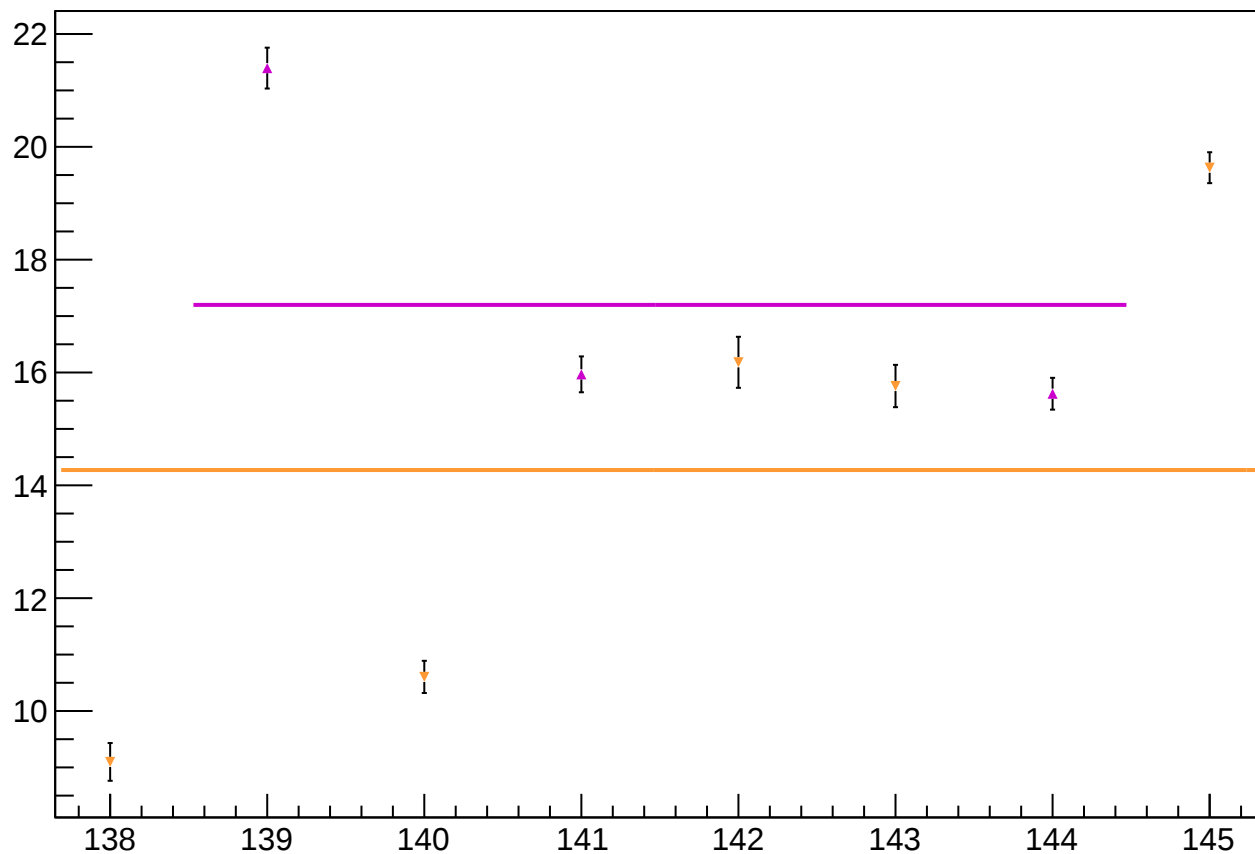
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: 0.040 ± 0.010 $\chi^2/\text{NDF}: 622.7/19$

Out: 0.030 ± 0.010 $\chi^2/\text{NDF}: 542.1/22$

All: 0.035 ± 0.007 $\chi^2/\text{NDF}: 1165.3/42$

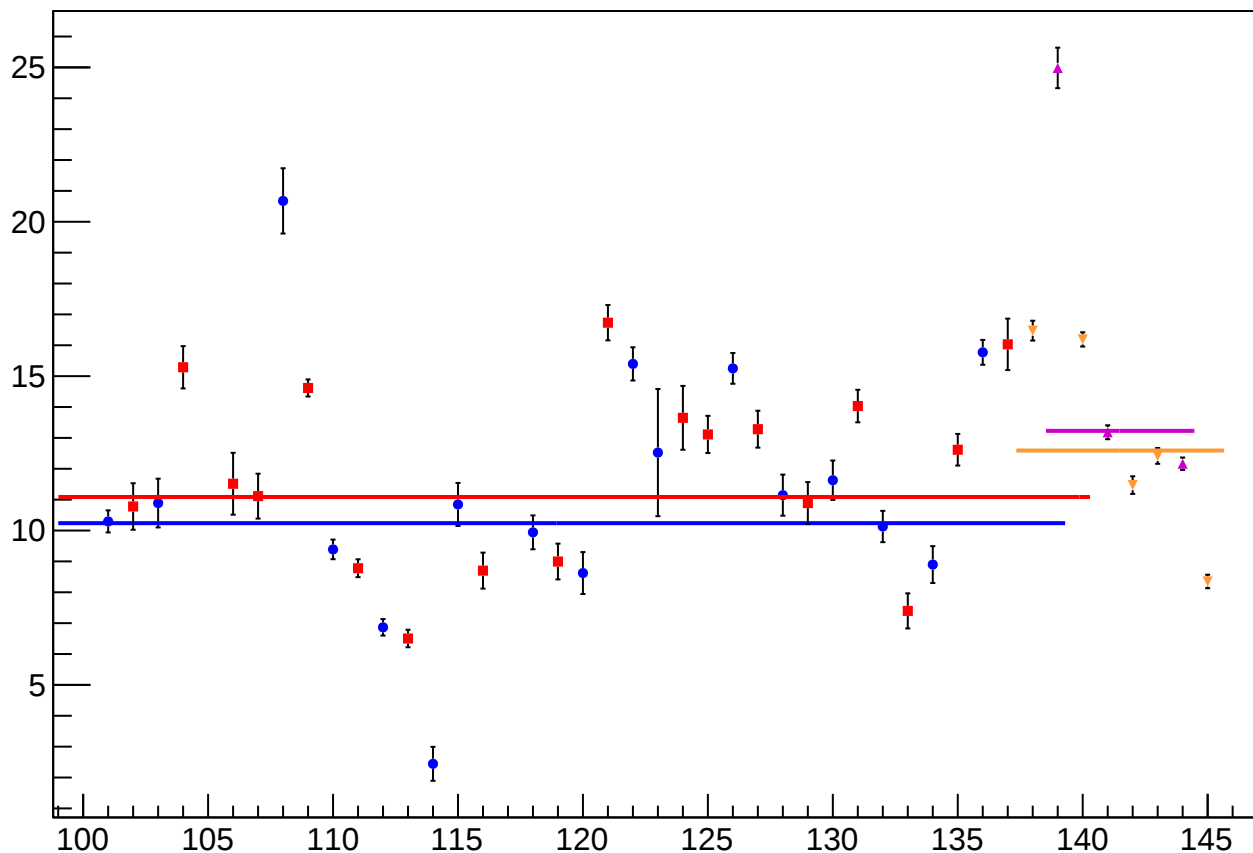
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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: 17.198+/-0.182 χ^2/NDF :180.6/2

Left: 15.422+/-0.114 χ^2/NDF : 1157.4/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.198+/-0.182 χ^2/NDF :180.6/2
 Out: 14.271+/-0.147 χ^2/NDF :820.1/4
 All: 15.422+/-0.114 χ^2/NDF : 1157.4/7

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 12.591 $\pm$ 0.114 χ^2 /NDF: 777.5/4

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 13.228 $\pm$ 0.146 χ^2 /NDF: 349.3/2

Left: 12.833 $\pm$ 0.090 χ^2 /NDF: 1138.6/7

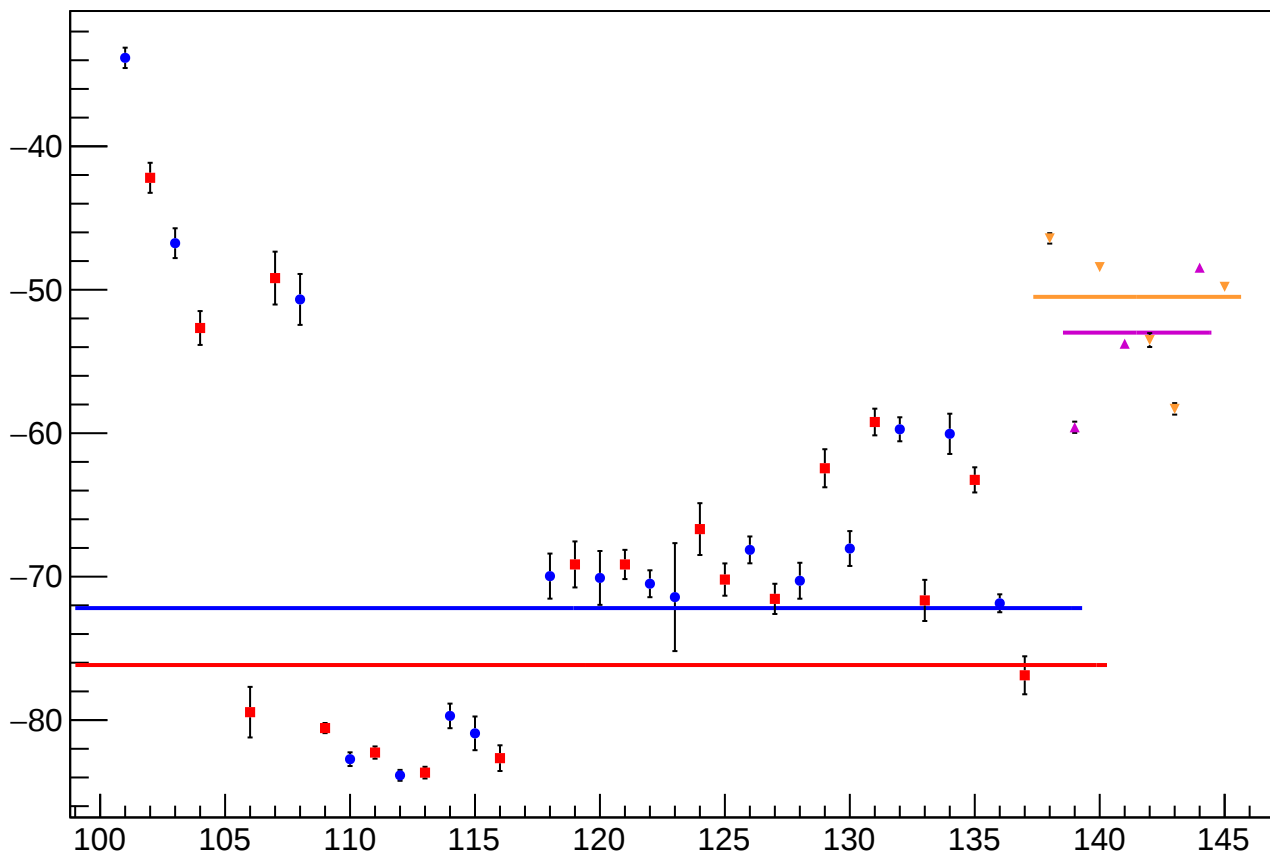
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 11.433 $\pm$ 0.092 χ^2 /NDF: 1468.3/19

Out: 11.854 $\pm$ 0.082 χ^2 /NDF: 1663.6/22

All: 11.669 $\pm$ 0.061 χ^2 /NDF: 3143.5/42

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -50.495 ± 0.157 χ^2/NDF : 598.3/4

Right Out: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -52.989 ± 0.195 χ^2/NDF : 514.1/2

Left: -51.474 ± 0.122 χ^2/NDF : 1211.5/7

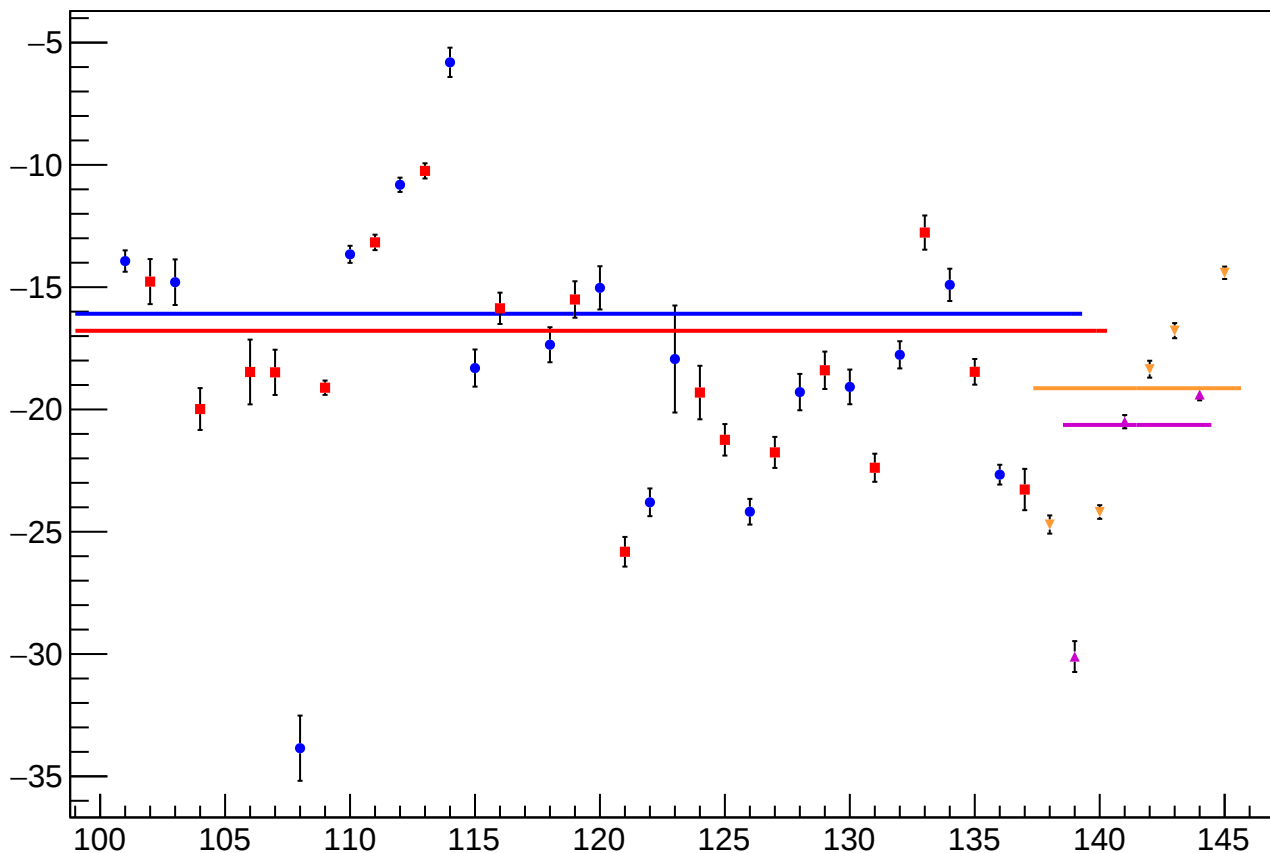
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -62.446 ± 0.139 χ^2/NDF : 10844.3/19

Out: -61.487 ± 0.119 χ^2/NDF : 15288.4/22

All: -61.891 ± 0.090 χ^2/NDF : 26160.2/42

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: -20.632 ± 0.172 χ^2/NDF : 252.3/2

Left: -19.705 ± 0.107 χ^2/NDF : 1260.5/7

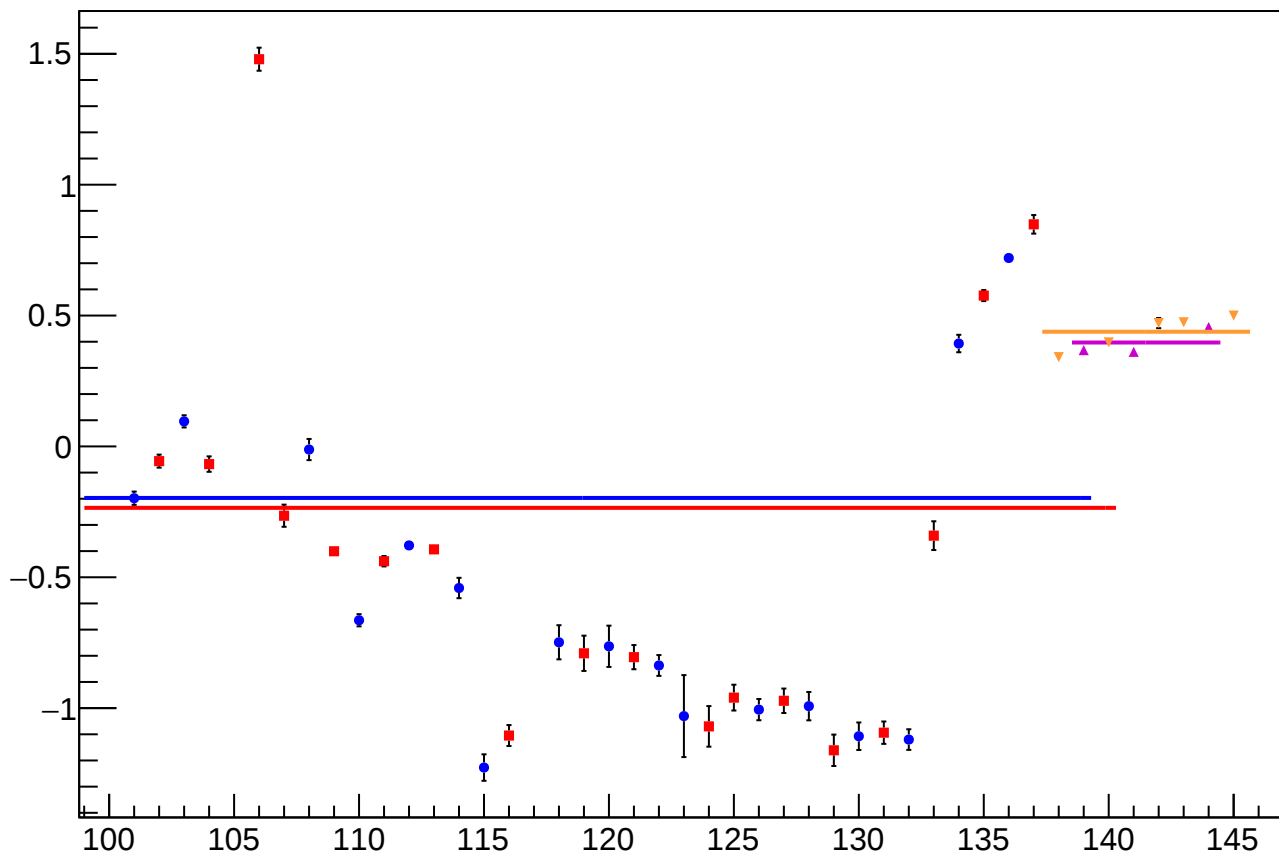
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.774 ± 0.105 χ^2/NDF : 2311.4/19

Out: -17.892 ± 0.093 χ^2/NDF : 2324.1/22

All: -17.840 ± 0.070 χ^2/NDF : 4636.2/42

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: 0.397 ± 0.008 χ^2/NDF : 31.6/2

Left: 0.422 ± 0.005 χ^2/NDF : 139.6/7

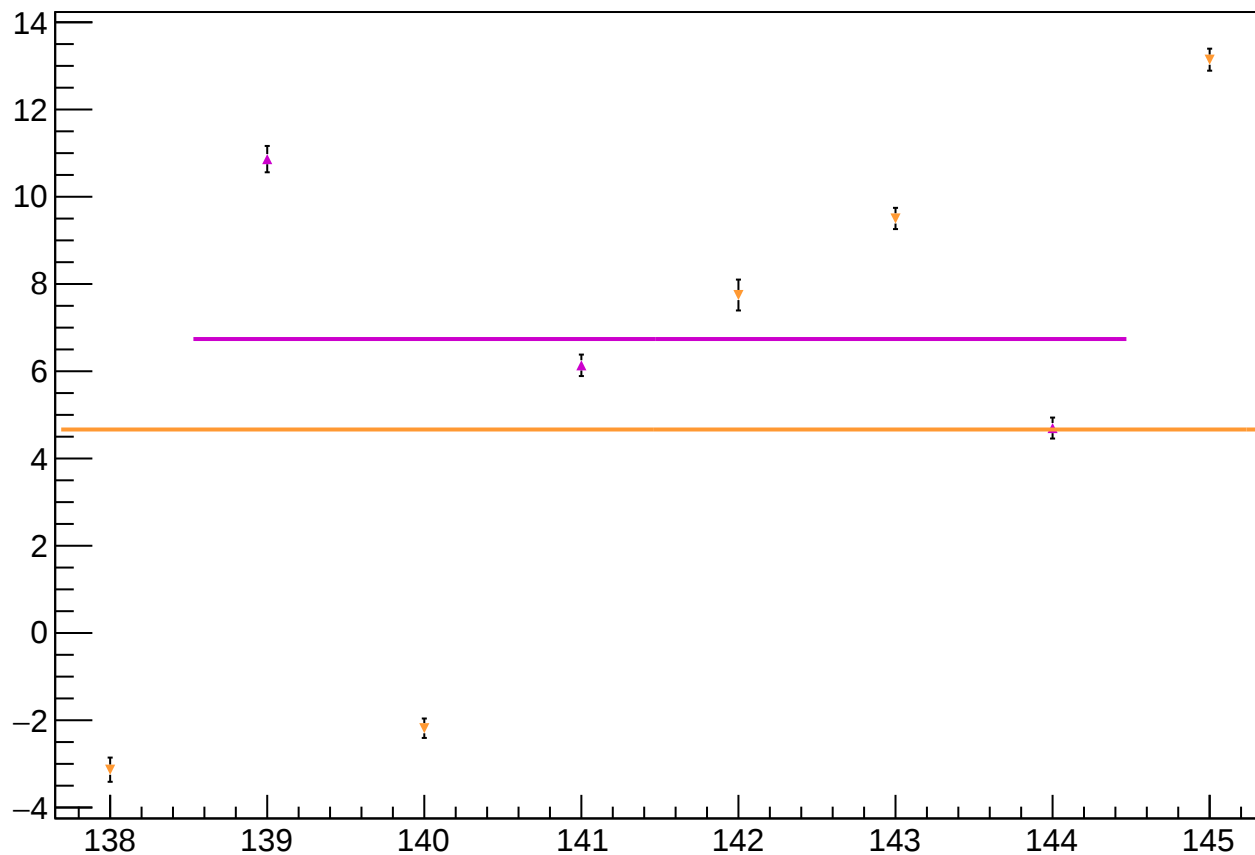
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.090 ± 0.005 χ^2/NDF : 9351.5/19

Out: 0.142 ± 0.005 χ^2/NDF : 11199.0/22

All: 0.119 ± 0.004 χ^2/NDF : 20602.1/42

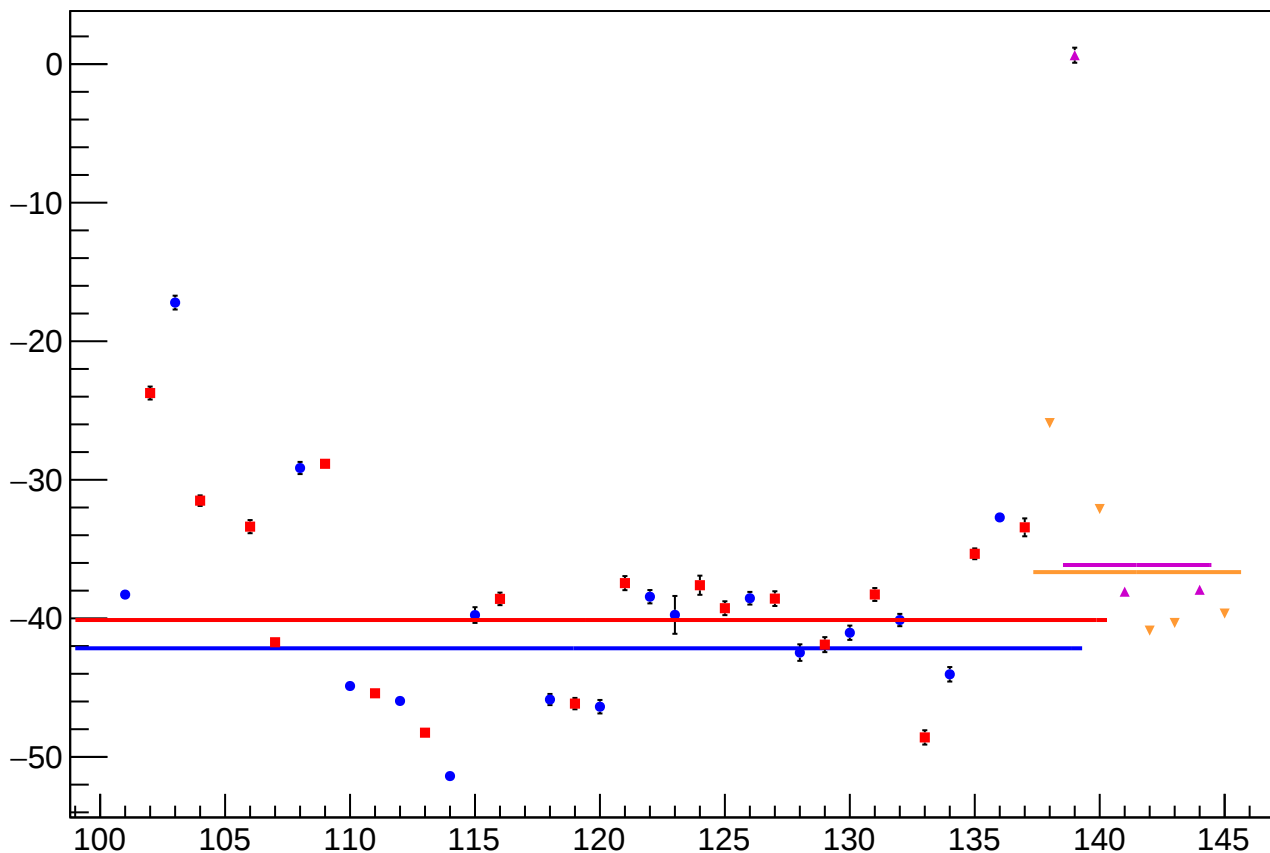
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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: 6.739+/-0.149 χ^2/NDF :264.8/2

Left: 5.449+/-0.092 χ^2/NDF : 3718.0/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.739+/-0.149 χ^2/NDF :264.8/2
 Out: 4.665+/-0.116 χ^2/NDF :3333.5/4
 All: 5.449+/-0.092 χ^2/NDF : 3718.0/7

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -36.662 ± 0.090 χ^2/NDF : 3281.5/4

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -36.149 ± 0.119 χ^2/NDF : 4794.2/2

Left: -36.476 ± 0.072 χ^2/NDF : 8087.5/7

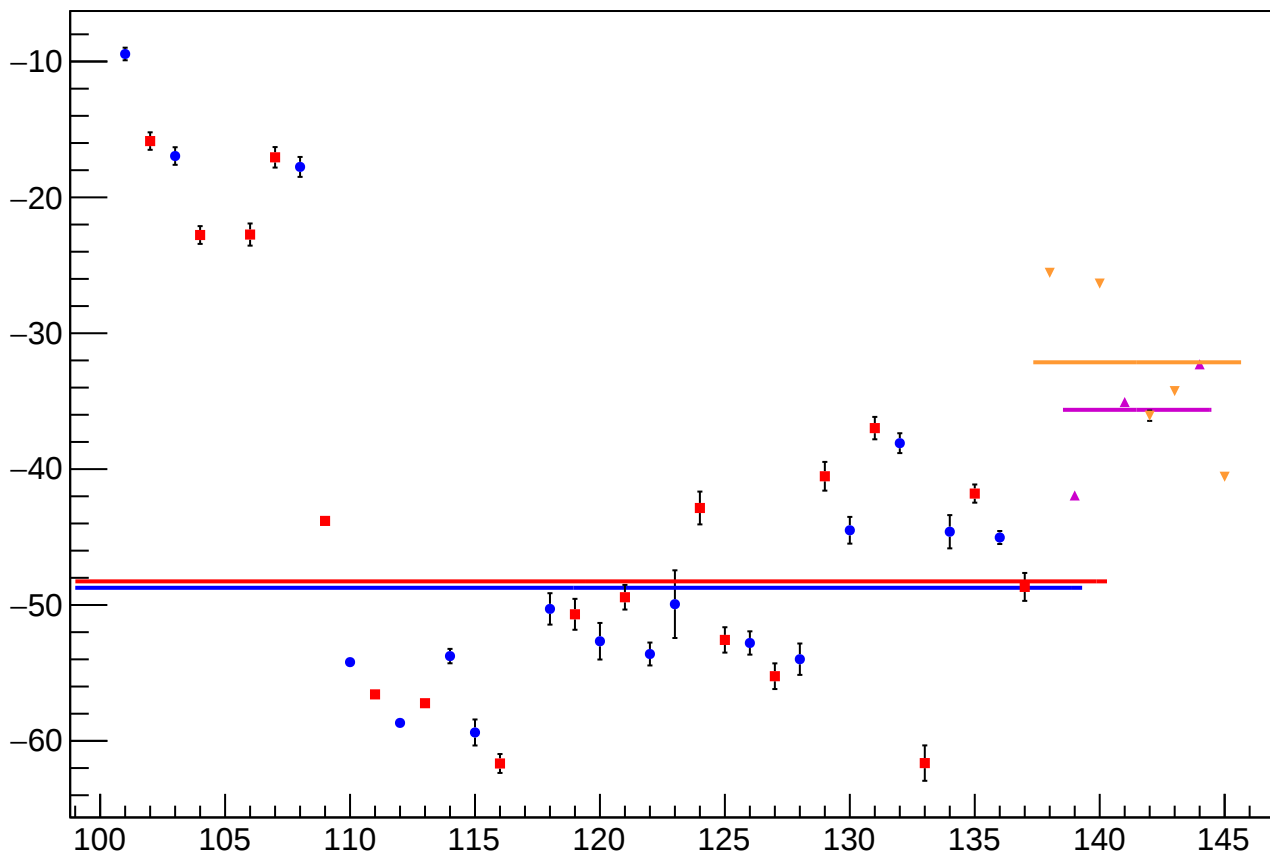
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -40.363 ± 0.065 χ^2/NDF : 13144.5/19

Out: -38.747 ± 0.057 χ^2/NDF : 15060.3/22

All: -39.441 ± 0.043 χ^2/NDF : 28554.8/42

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: -35.636+/-0.160 χ^2/NDF : 546.1/2

Left: -33.457+/-0.098 χ^2/NDF : 3079.4/7

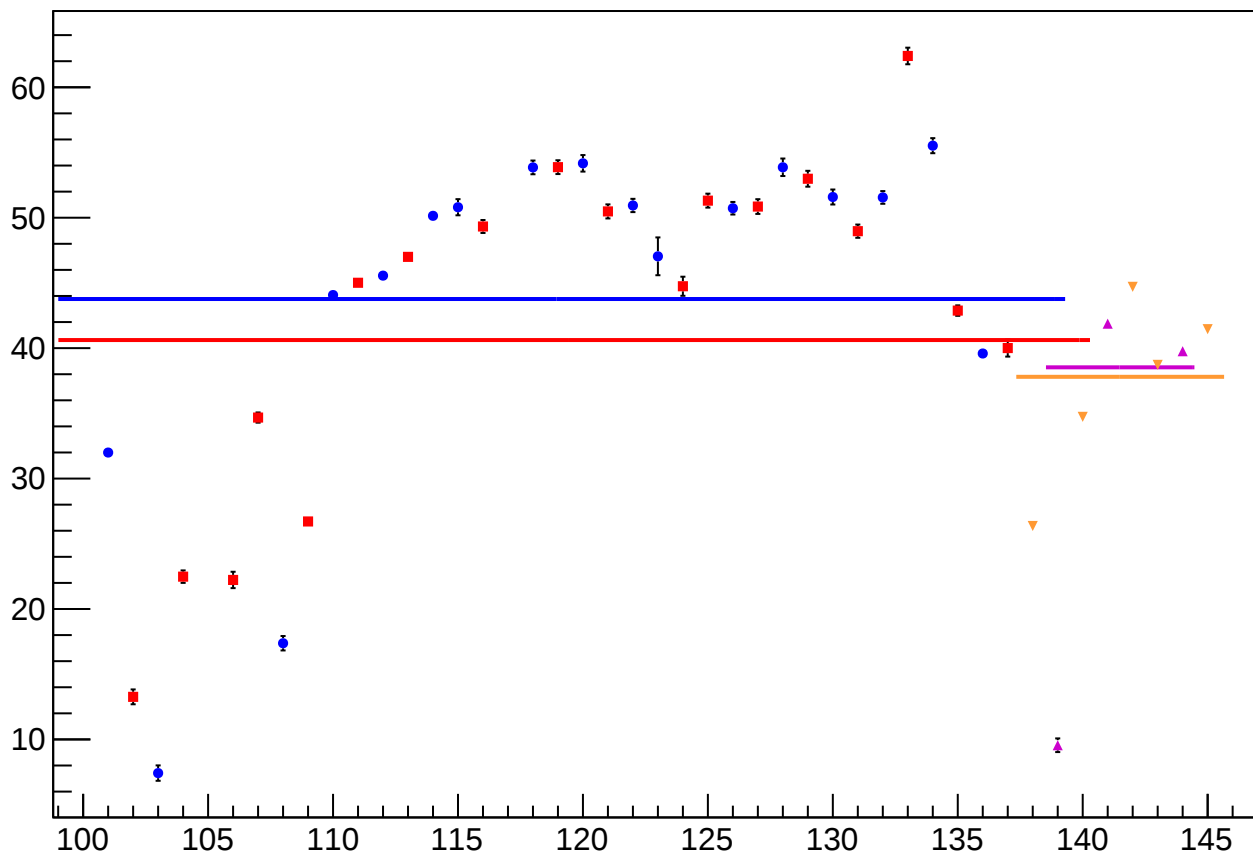
Right: -48.462+/-0.081 χ^2/NDF : 25759.4/34

In: -43.784+/-0.098 χ^2/NDF : 19375.1/19

Out: -41.379+/-0.081 χ^2/NDF : 22939.2/22

All: -42.356+/-0.063 χ^2/NDF : 42669.4/42

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 37.802 $\pm$ 0.107 χ^2 /NDF:2461.8/4

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 38.529 $\pm$ 0.141 χ^2 /NDF:3343.6/2

Left: 38.067 $\pm$ 0.085 χ^2 /NDF: 5822.3/7

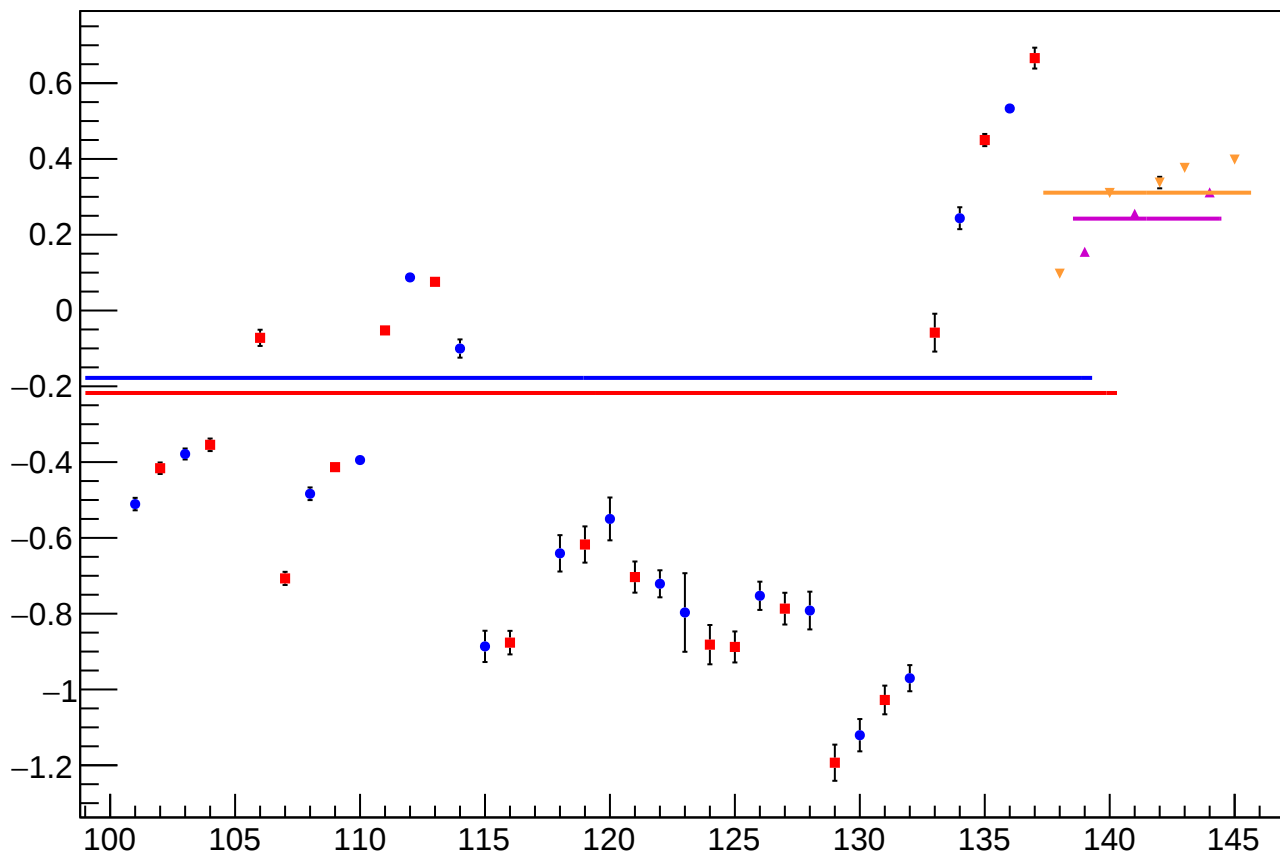
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.324 $\pm$ 0.074 χ^2 /NDF:14979.8/19

Out: 39.603 $\pm$ 0.064 χ^2 /NDF:19864.4/22

All: 40.772 $\pm$ 0.048 χ^2 /NDF: 35617.7/42

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 $\chi^2/\text{NDF}: 7364.4/16$

Left Out: 0.311 ± 0.005 $\chi^2/\text{NDF}: 431.4/4$

Right Out: -0.218 ± 0.004 $\chi^2/\text{NDF}: 7455.7/17$

Left In: 0.242 ± 0.006 $\chi^2/\text{NDF}: 97.5/2$

Left: 0.285 ± 0.004 $\chi^2/\text{NDF}: 599.3/7$

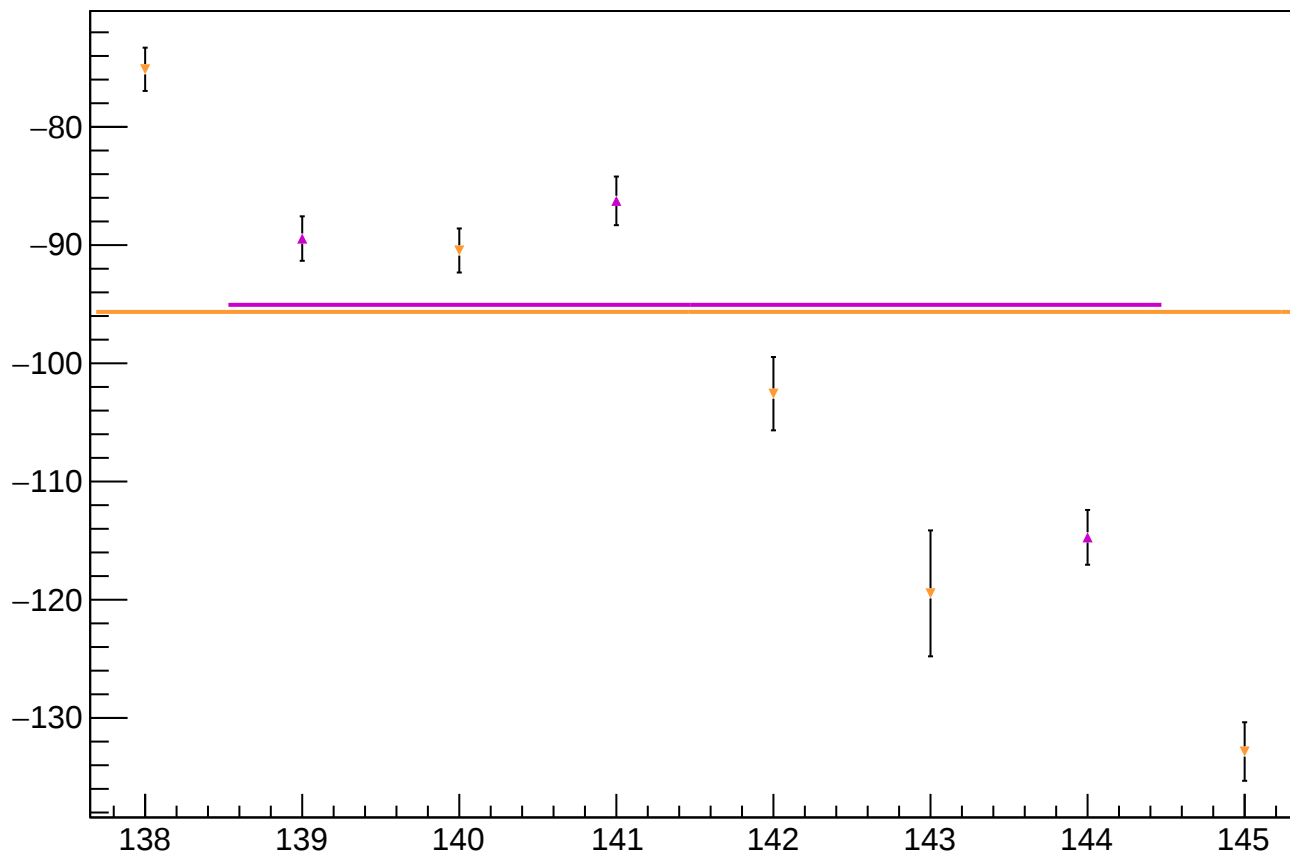
Right: -0.200 ± 0.003 $\chi^2/\text{NDF}: 14857.8/34$

In: -0.025 ± 0.004 $\chi^2/\text{NDF}: 10205.8/19$

Out: 0.004 ± 0.003 $\chi^2/\text{NDF}: 14192.2/22$

All: -0.008 ± 0.003 $\chi^2/\text{NDF}: 24430.8/42$

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: -95.053+/-1.191 χ^2/NDF :99.2/2

Left: -95.387+/-0.792 χ^2/NDF : 483.5/7

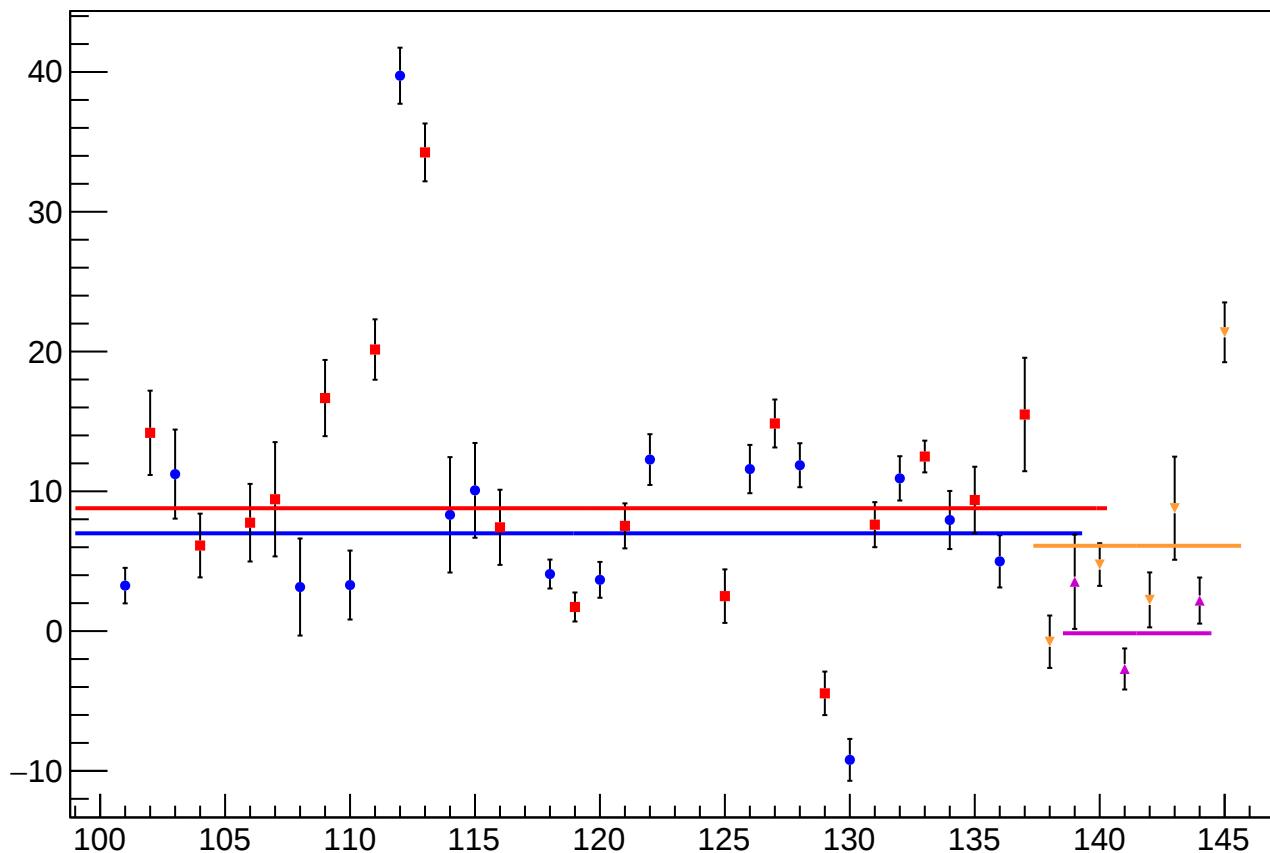
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.053+/-1.191 χ^2/NDF :99.2/2

Out: -95.651+/-1.061 χ^2/NDF :384.1/4

All: -95.387+/-0.792 χ^2/NDF : 483.5/7

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 6.104 ± 0.889 $\chi^2/\text{NDF}: 69.5/4$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: -0.156 ± 1.043 $\chi^2/\text{NDF}: 6.2/2$

Left: 3.469 ± 0.677 $\chi^2/\text{NDF}: 96.6/7$

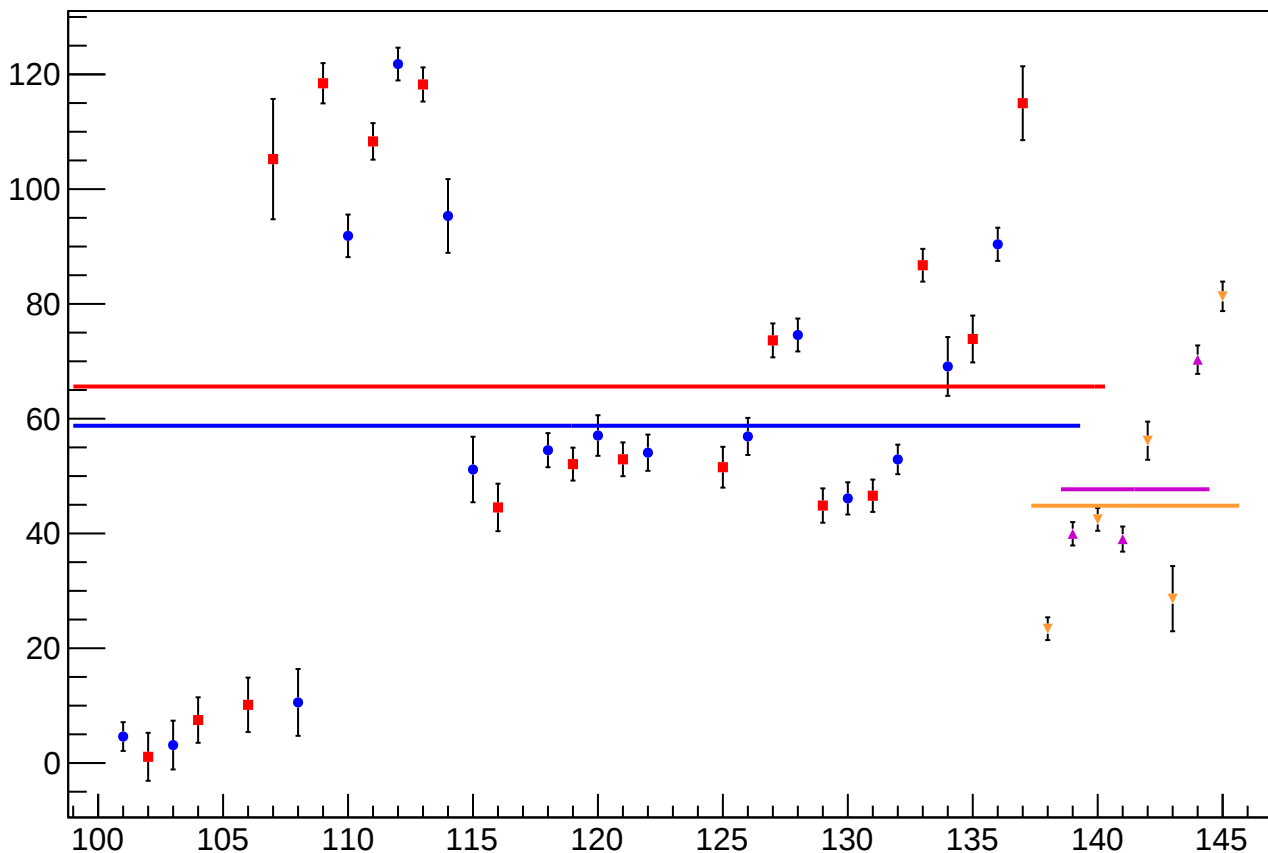
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.939 ± 0.401 $\chi^2/\text{NDF}: 491.7/18$

Out: 8.243 ± 0.401 $\chi^2/\text{NDF}: 425.6/21$

All: 7.090 ± 0.284 $\chi^2/\text{NDF}: 933.8/40$

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: 47.699 $\pm$ 1.278 χ^2 /NDF:113.2/2

Left: 46.096 $\pm$ 0.847 χ^2 /NDF: 455.6/7

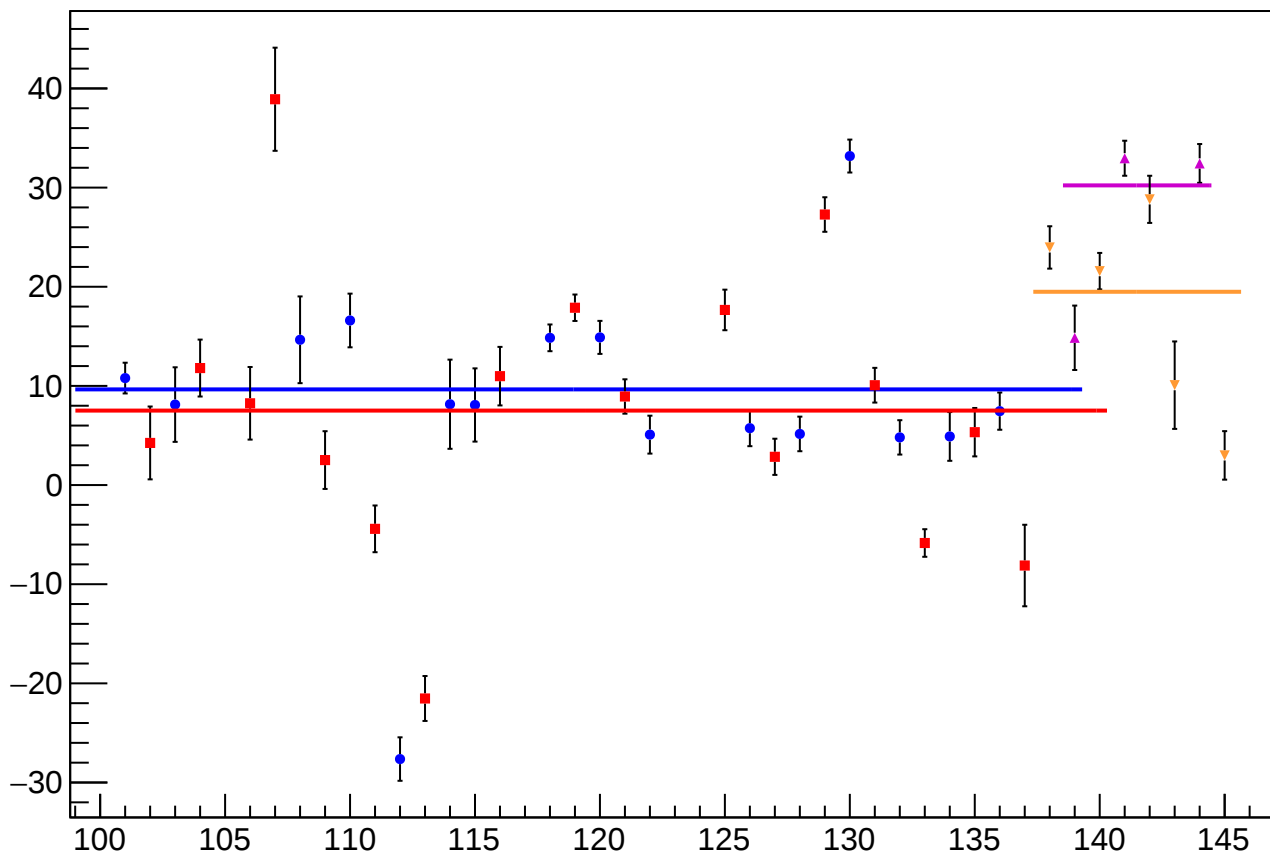
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 55.469 $\pm$ 0.698 χ^2 /NDF:1659.2/18

Out: 58.173 $\pm$ 0.677 χ^2 /NDF:2181.3/21

All: 56.862 $\pm$ 0.486 χ^2 /NDF: 3848.2/40

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 19.493 $\pm$ 1.048 χ^2 /NDF: 71.1/4

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 30.223 $\pm$ 1.216 χ^2 /NDF: 26.1/2

Left: 24.070 $\pm$ 0.794 χ^2 /NDF: 141.9/7

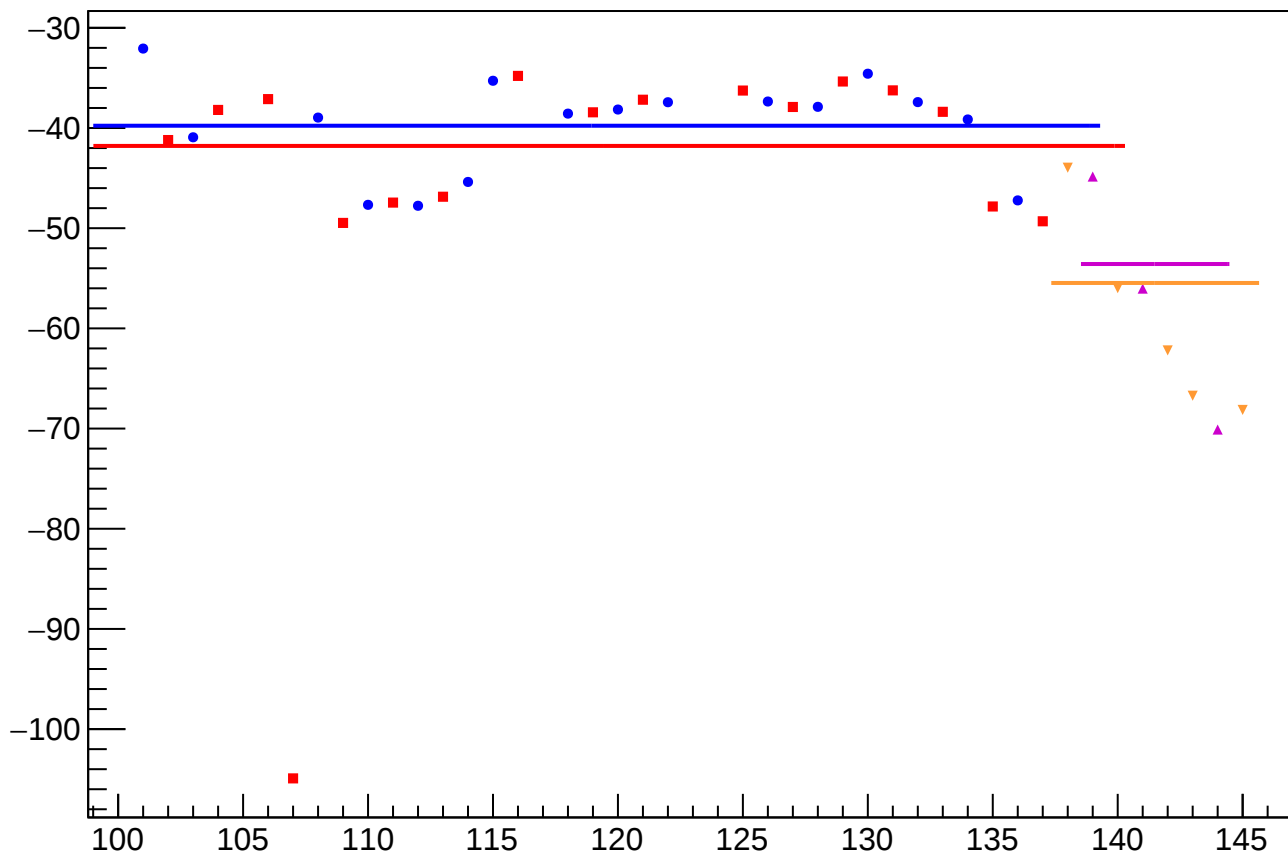
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 12.646 $\pm$ 0.464 χ^2 /NDF: 824.4/18

Out: 9.851 $\pm$ 0.463 χ^2 /NDF: 740.5/21

All: 11.246 $\pm$ 0.328 χ^2 /NDF: 1583.1/40

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -54.586 ± 0.034 χ^2/NDF : 81841.6/7

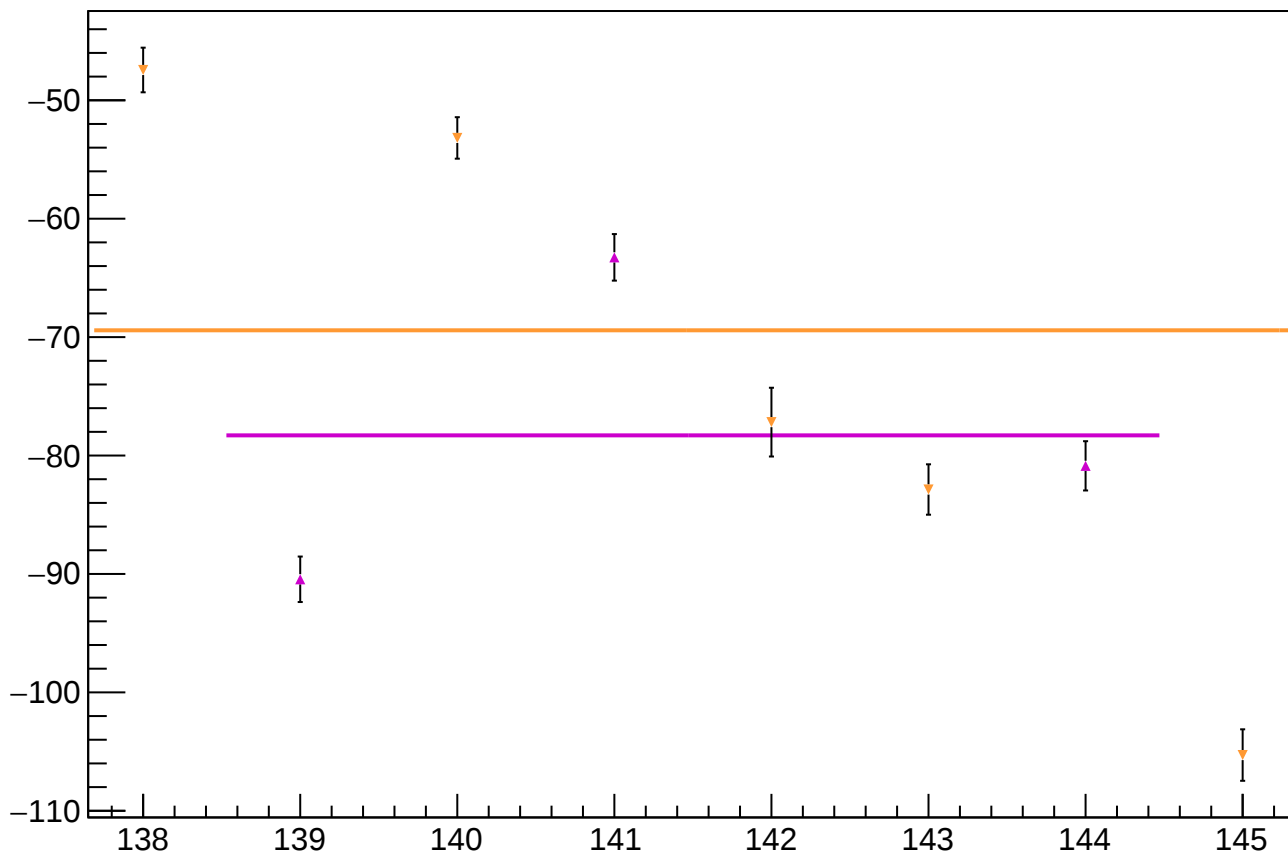
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -43.680 ± 0.026 χ^2/NDF : 120754.5/18

Out: -46.116 ± 0.026 χ^2/NDF : 195309.3/21

All: -44.915 ± 0.018 χ^2/NDF : 320401.9/40

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: -78.296+/-1.146 χ^2/NDF :100.1/2

Left: -72.942+/-0.722 χ^2/NDF : 677.5/7

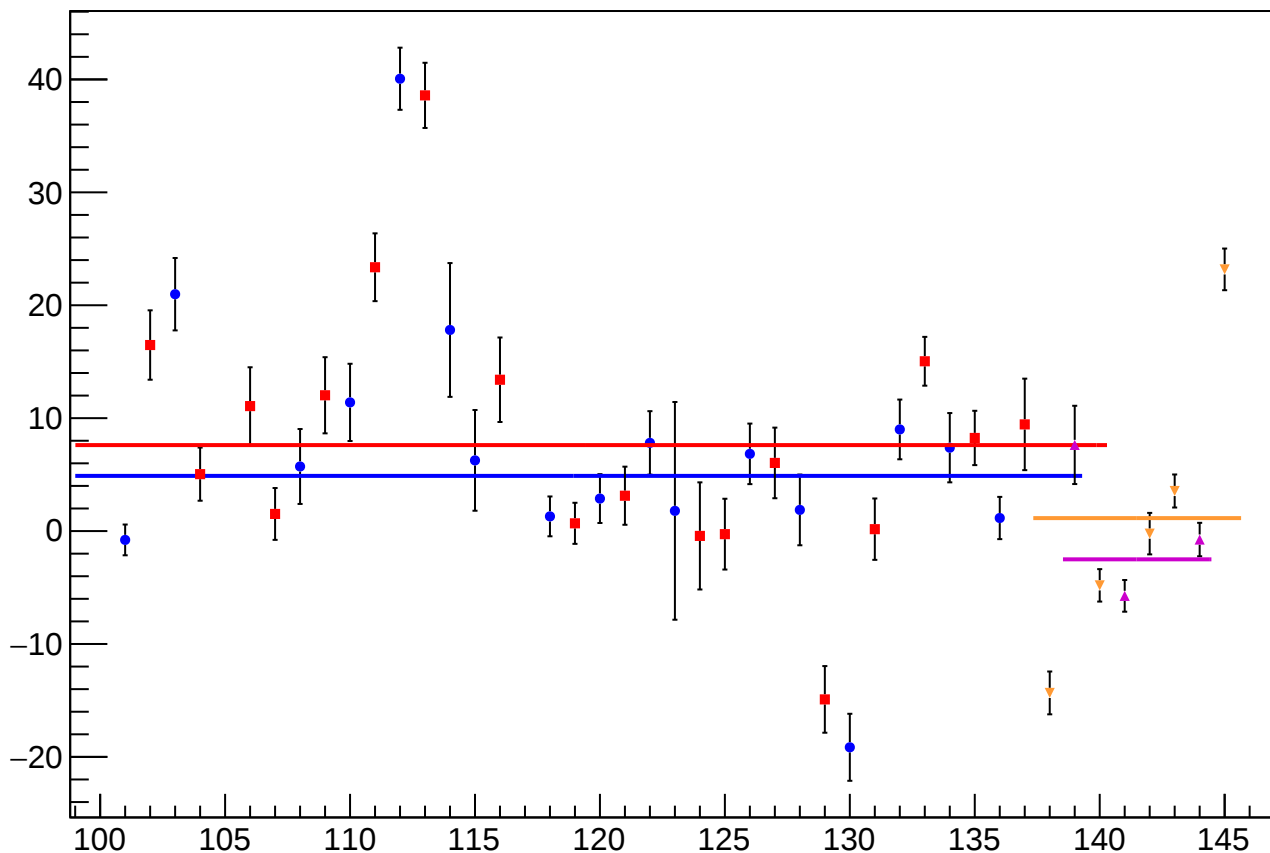
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.296+/-1.146 χ^2/NDF :100.1/2

Out: -69.424+/-0.929 χ^2/NDF :541.3/4

All: -72.942+/-0.722 χ^2/NDF : 677.5/7

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: -2.504 ± 0.977 χ^2/NDF : 15.3/2

Left: -0.186 ± 0.591 χ^2/NDF : 253.8/7

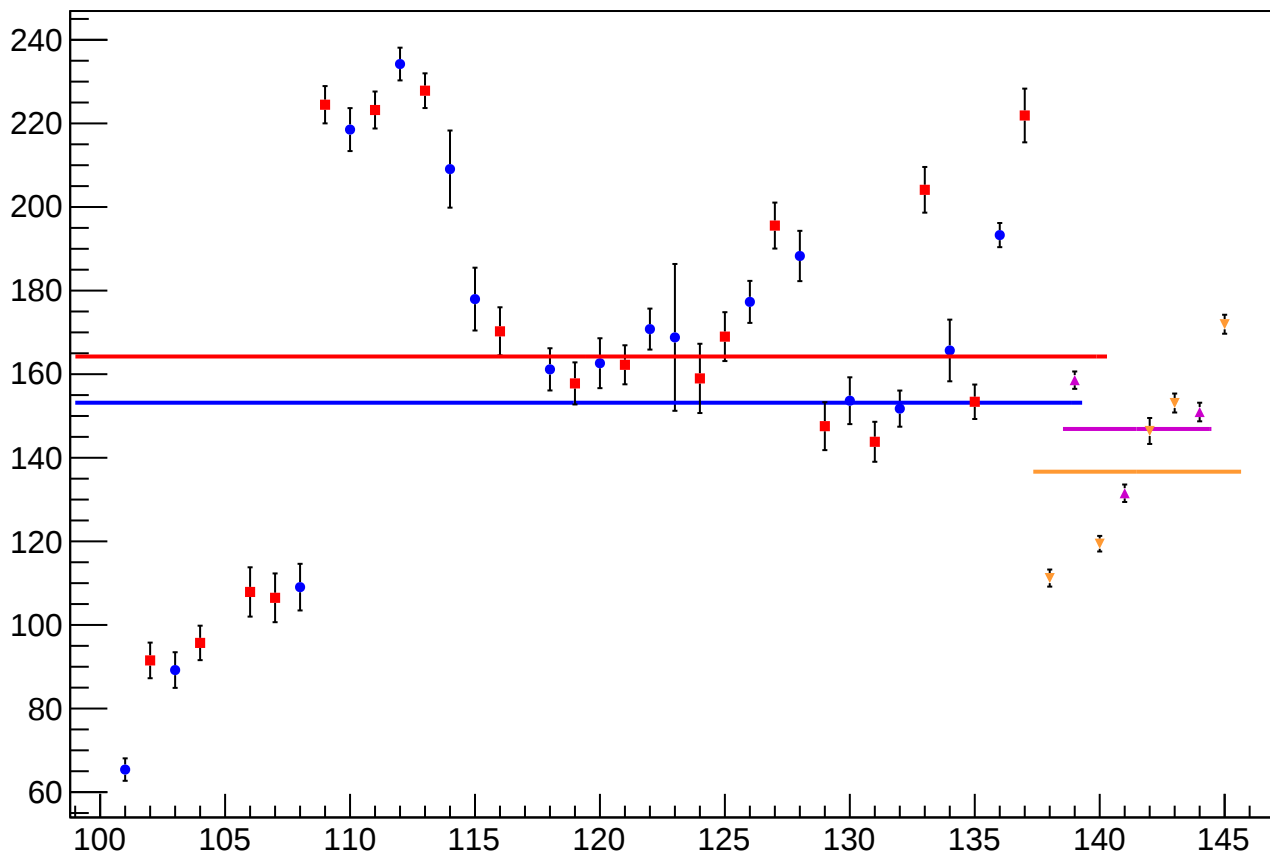
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 2.757 ± 0.525 χ^2/NDF : 350.7/19

Out: 4.793 ± 0.490 χ^2/NDF : 541.8/22

All: 3.845 ± 0.358 χ^2/NDF : 900.5/42

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: 146.893 $\pm$ 1.229 χ^2 /NDF:89.1/2

Left: 140.699 $\pm$ 0.771 χ^2 /NDF: 675.3/7

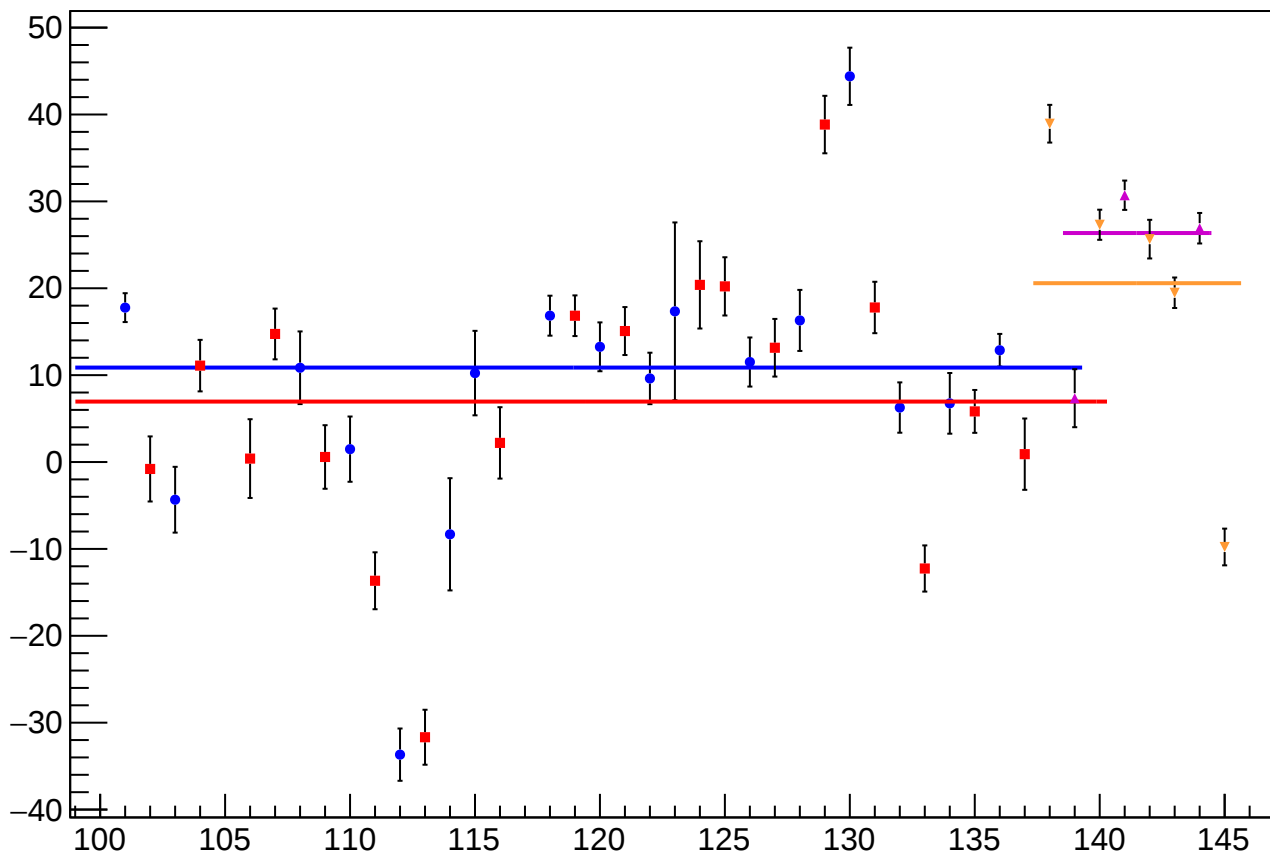
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 150.251 $\pm$ 0.838 χ^2 /NDF:2367.3/19

Out: 148.032 $\pm$ 0.760 χ^2 /NDF:2418.0/22

All: 149.033 $\pm$ 0.563 χ^2 /NDF: 4789.1/42

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: 26.358 $\pm$ 1.143 χ^2 /NDF:39.2/2

Left: 22.728 $\pm$ 0.697 χ^2 /NDF: 353.9/7

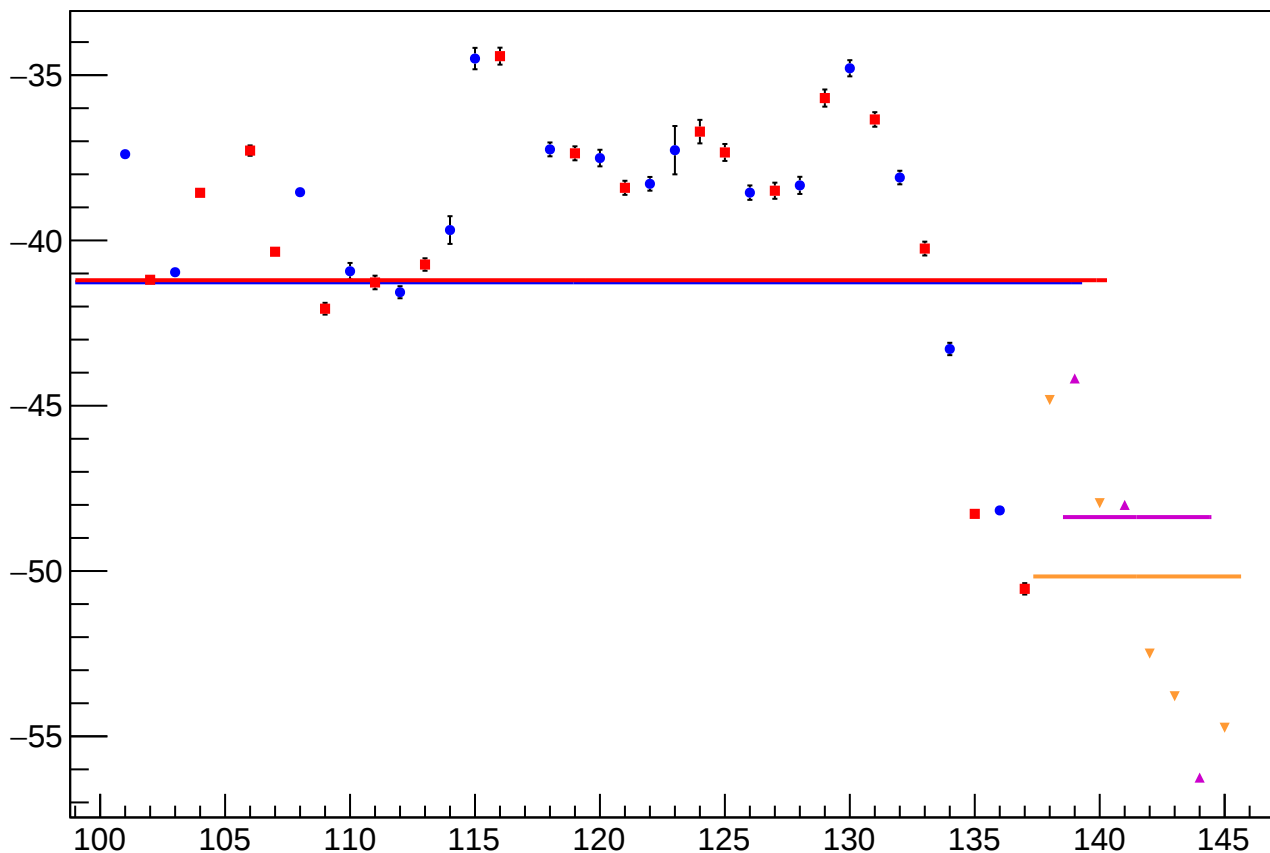
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 15.221 $\pm$ 0.606 χ^2 /NDF:557.8/19

Out: 12.694 $\pm$ 0.570 χ^2 /NDF:860.2/22

All: 13.881 $\pm$ 0.415 χ^2 /NDF: 1427.3/42

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: -48.368 ± 0.048 $\chi^2/\text{NDF}: 9843.3/2$

Left: -49.422 ± 0.031 $\chi^2/\text{NDF}: 20291.8/7$

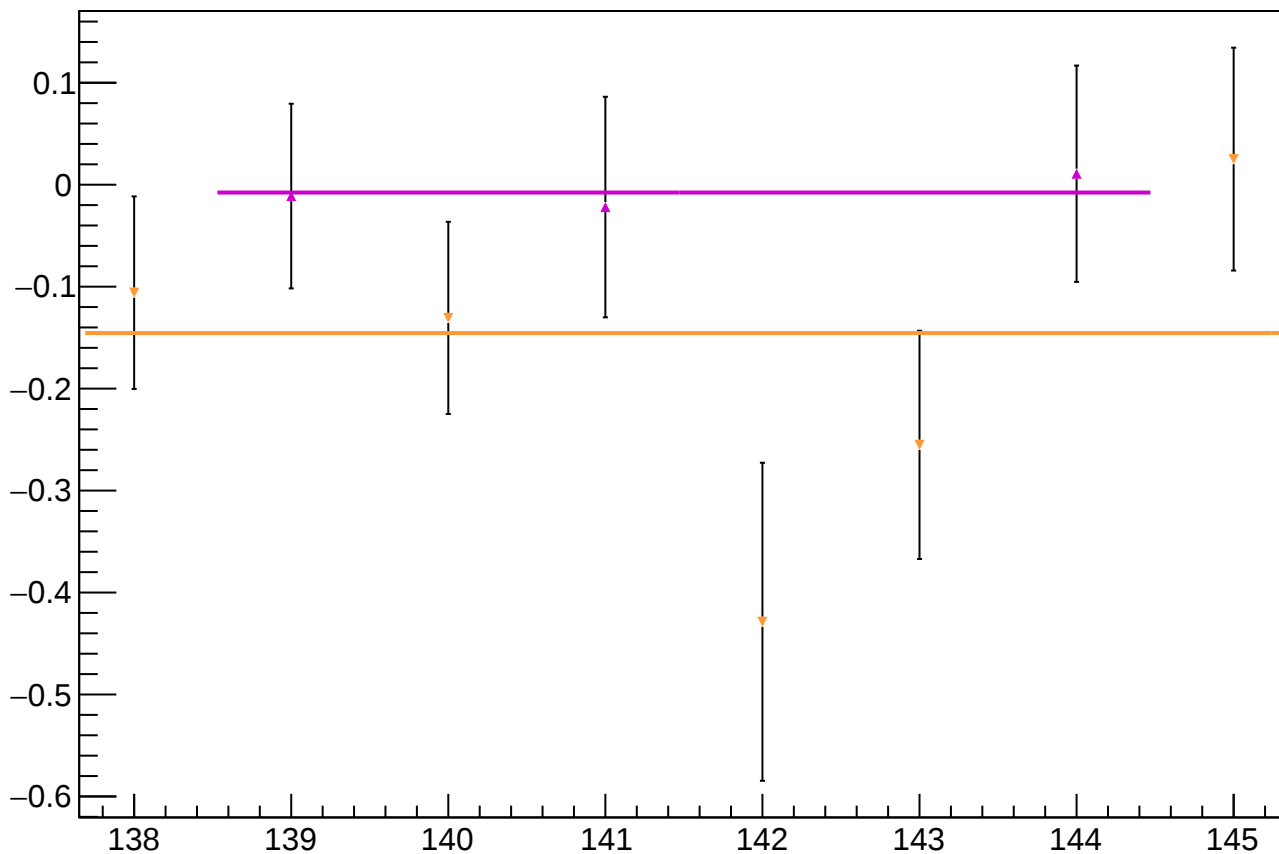
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -44.039 ± 0.030 $\chi^2/\text{NDF}: 35690.5/19$

Out: -45.506 ± 0.028 $\chi^2/\text{NDF}: 47190.9/22$

All: -44.825 ± 0.020 $\chi^2/\text{NDF}: 84155.2/42$

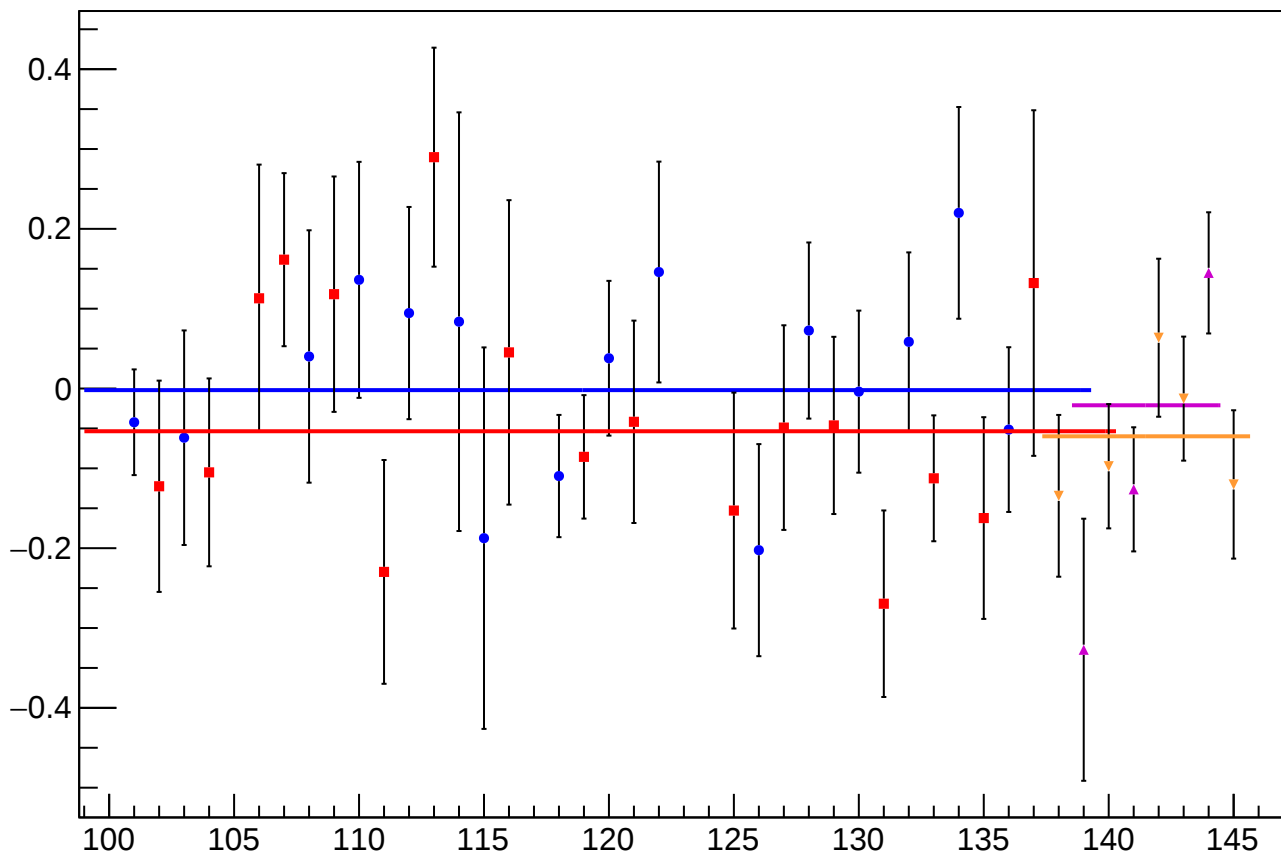
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.145+/-0.048 χ^2/NDF : 6.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.008+/-0.058 χ^2/NDF : 0.0/2

Left: -0.089+/-0.037 χ^2/NDF : 10.3/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.008+/-0.058 χ^2/NDF : 0.0/2
 Out: -0.145+/-0.048 χ^2/NDF : 6.9/4
 All: -0.089+/-0.037 χ^2/NDF : 10.3/7

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: -0.021 ± 0.052 χ^2/NDF : 10.1/2

Left: -0.046 ± 0.031 χ^2/NDF : 13.6/7

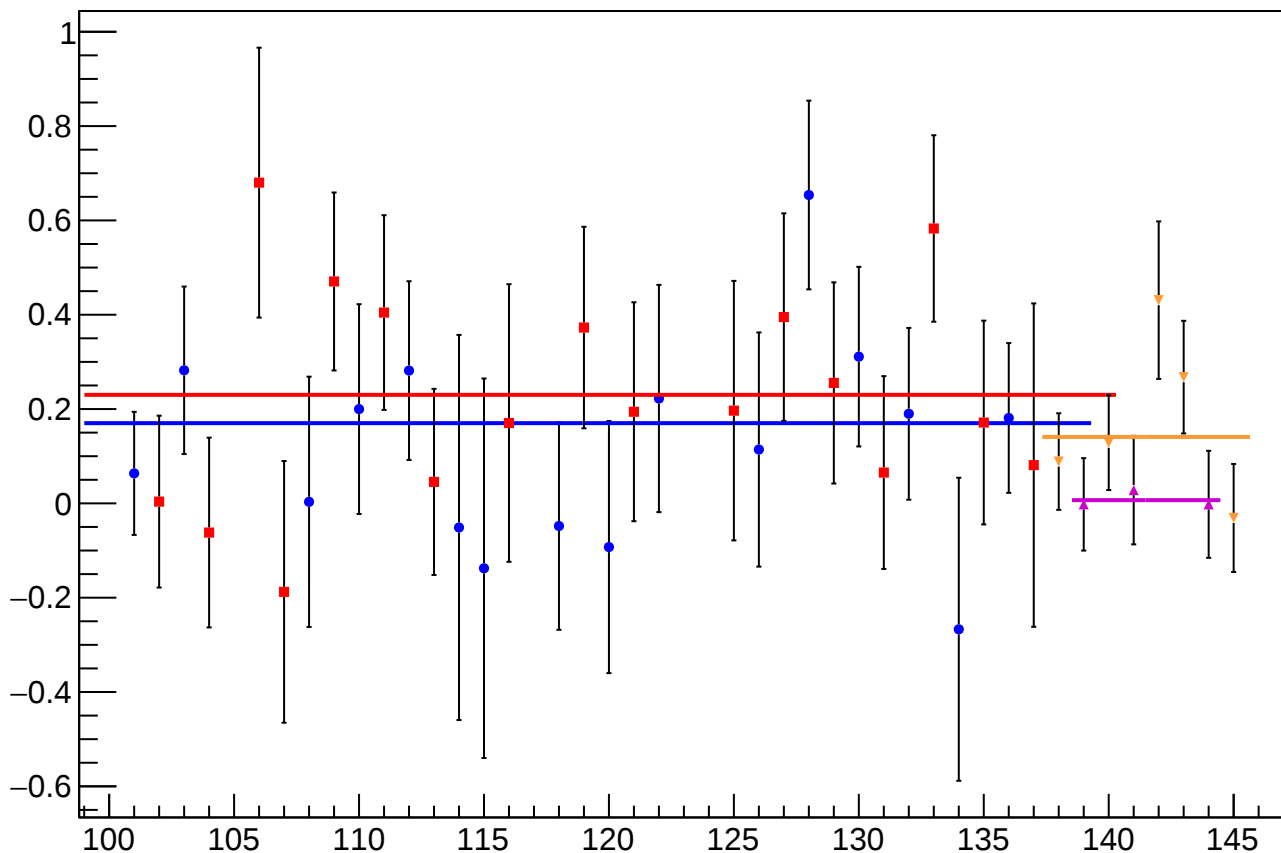
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.006 ± 0.025 χ^2/NDF : 22.3/18

Out: -0.056 ± 0.024 χ^2/NDF : 24.1/21

All: -0.032 ± 0.017 χ^2/NDF : 48.5/40

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: 0.007 $\pm$ 0.062 χ^2 /NDF:0.0/2

Left: 0.086 $\pm$ 0.040 χ^2 /NDF: 9.5/7

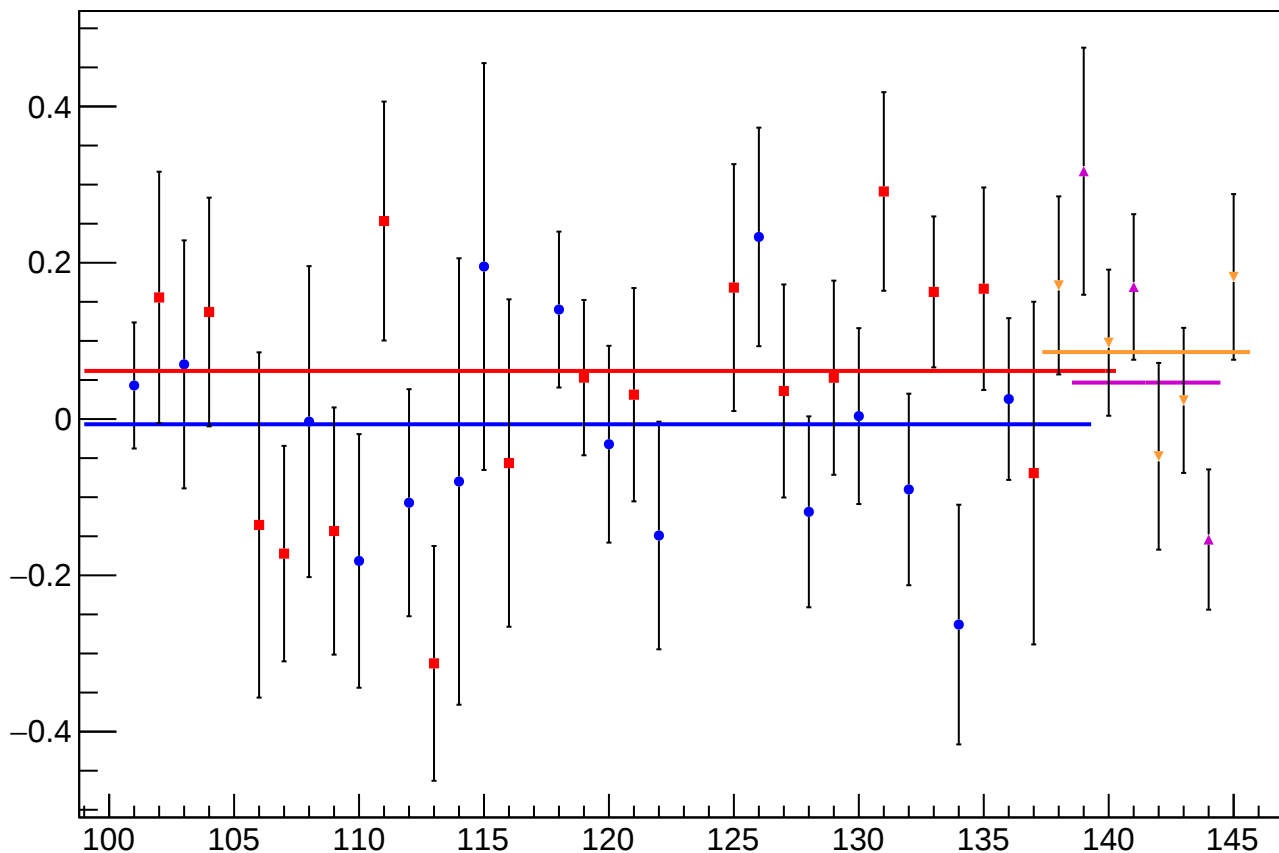
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.103 $\pm$ 0.040 χ^2 /NDF:17.1/18

Out: 0.184 $\pm$ 0.037 χ^2 /NDF:24.9/21

All: 0.146 $\pm$ 0.027 χ^2 /NDF: 44.2/40

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: 0.047 ± 0.060 $\chi^2/\text{NDF}: 9.7/2$

Left: 0.071 ± 0.037 $\chi^2/\text{NDF}: 13.0/7$

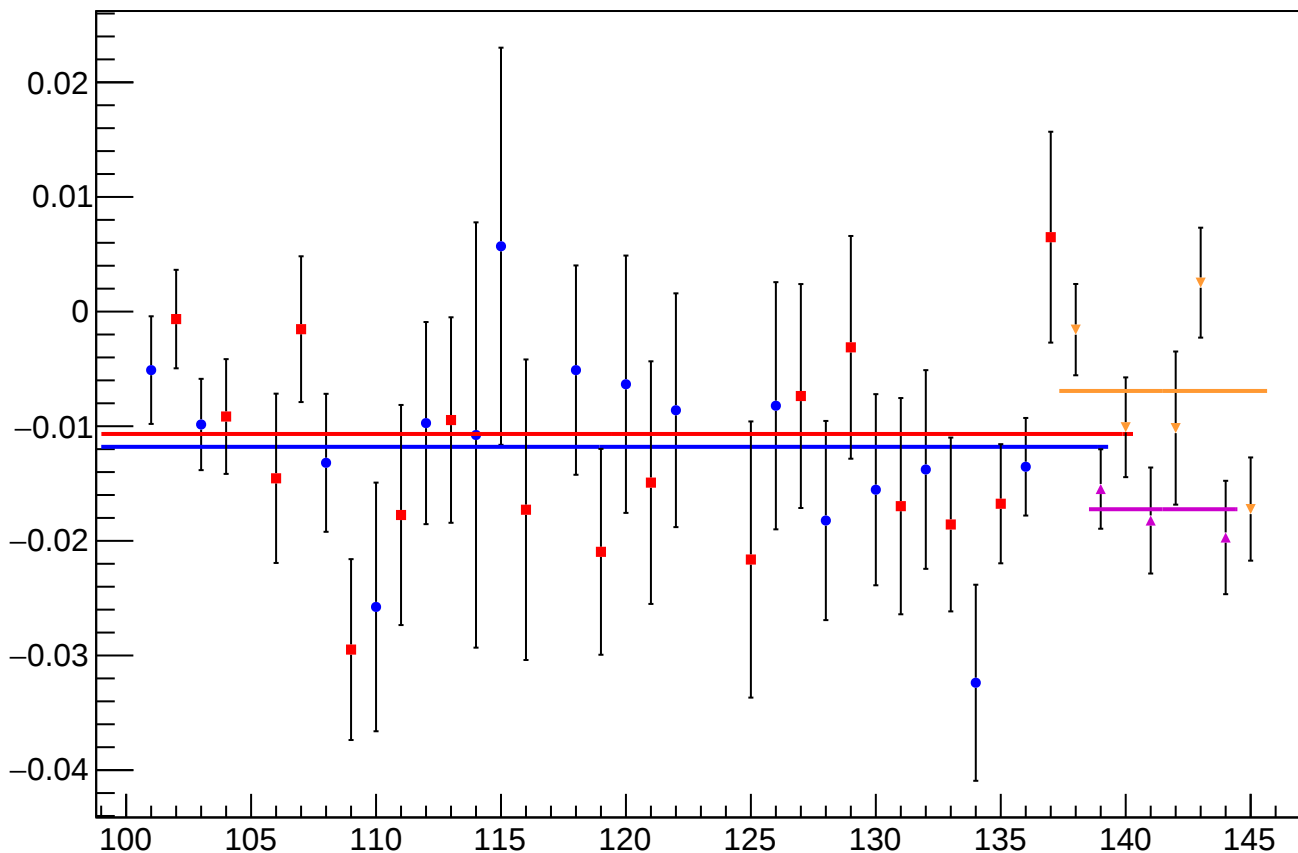
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.006 ± 0.029 $\chi^2/\text{NDF}: 23.5/18$

Out: 0.070 ± 0.027 $\chi^2/\text{NDF}: 23.2/21$

All: 0.039 ± 0.020 $\chi^2/\text{NDF}: 49.4/40$

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: -0.017 ± 0.002 χ^2/NDF : 0.6/2

Left: -0.011 ± 0.002 χ^2/NDF : 22.7/7

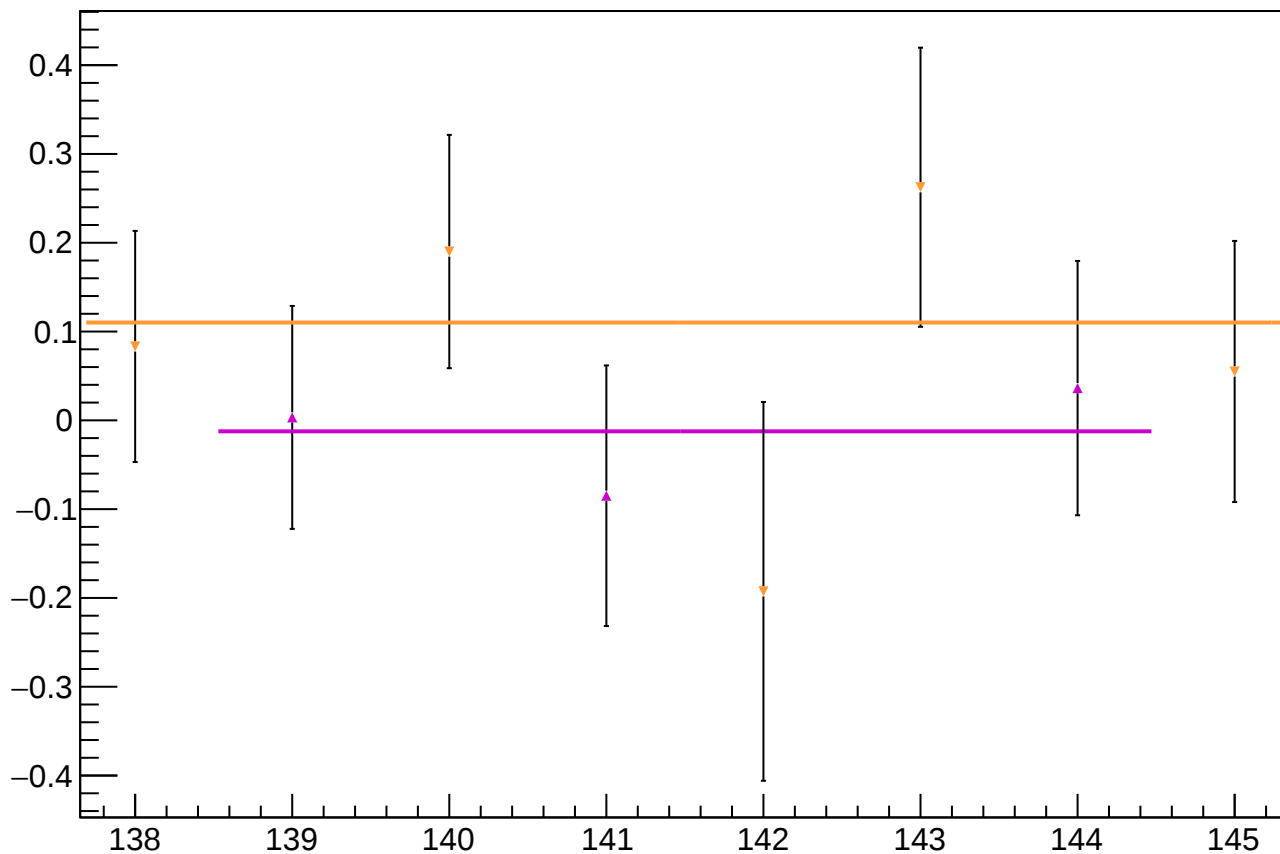
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.014 ± 0.001 χ^2/NDF : 16.6/18

Out: -0.009 ± 0.001 χ^2/NDF : 37.3/21

All: -0.011 ± 0.001 χ^2/NDF : 59.5/40

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.110 $\pm$ 0.067 χ^2 /NDF:3.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.012 $\pm$ 0.079 χ^2 /NDF:0.4/2

Left: 0.060 $\pm$ 0.051 χ^2 /NDF: 5.3/7

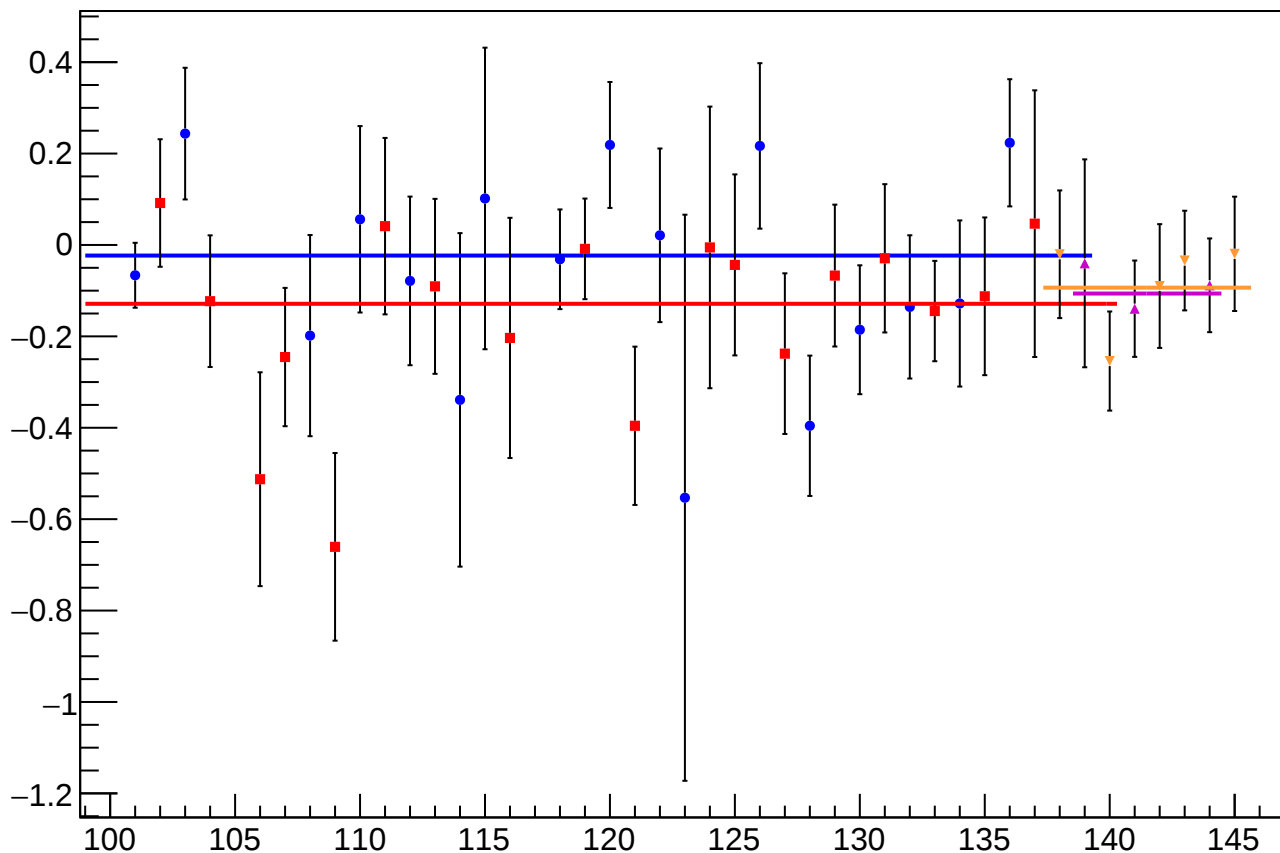
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.012 $\pm$ 0.079 χ^2 /NDF:0.4/2

Out: 0.110 $\pm$ 0.067 χ^2 /NDF:3.5/4

All: 0.060 $\pm$ 0.051 χ^2 /NDF: 5.3/7

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: -0.106 ± 0.070 χ^2/NDF : 0.2/2

Left: -0.098 ± 0.043 χ^2/NDF : 3.3/7

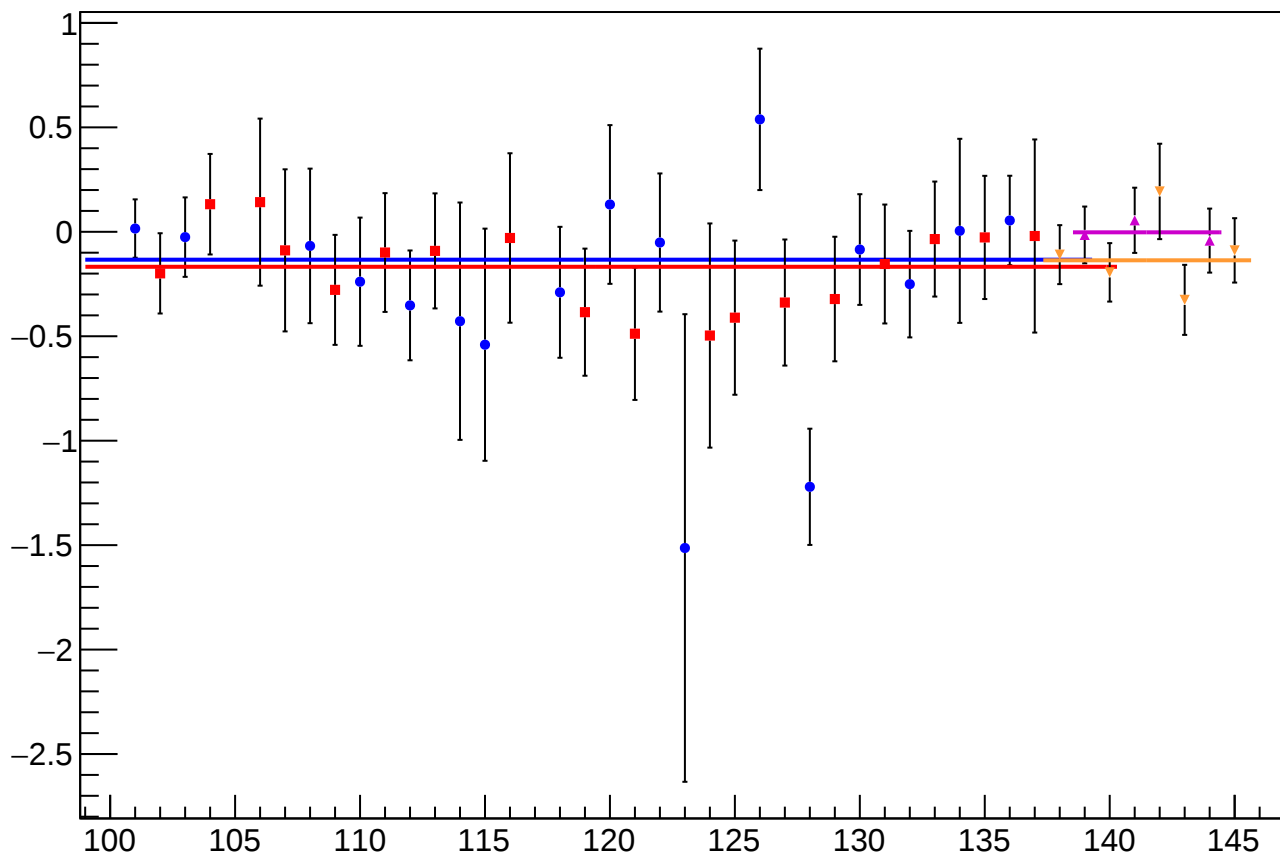
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.041 ± 0.032 χ^2/NDF : 23.7/19

Out: -0.117 ± 0.032 χ^2/NDF : 22.0/22

All: -0.079 ± 0.023 χ^2/NDF : 48.5/42

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: -0.002 ± 0.085 χ^2/NDF : 0.2/2

Left: -0.081 ± 0.055 χ^2/NDF : 5.3/7

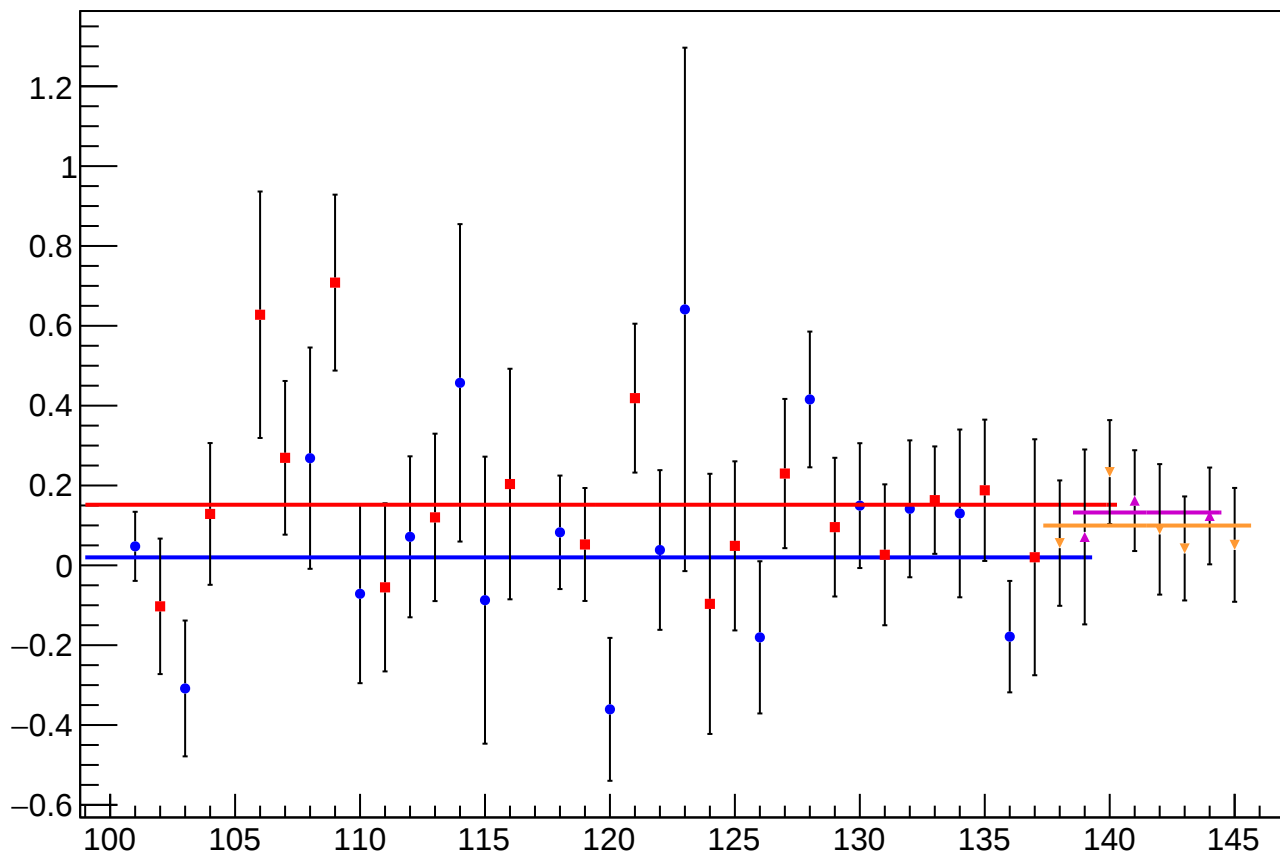
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.083 ± 0.053 χ^2/NDF : 27.4/19

Out: -0.152 ± 0.050 χ^2/NDF : 9.9/22

All: -0.119 ± 0.036 χ^2/NDF : 38.2/42

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.100 $\pm$ 0.064 χ^2 /NDF:1.4/4

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.132 $\pm$ 0.081 χ^2 /NDF:0.1/2

Left: 0.112 $\pm$ 0.050 χ^2 /NDF: 1.7/7

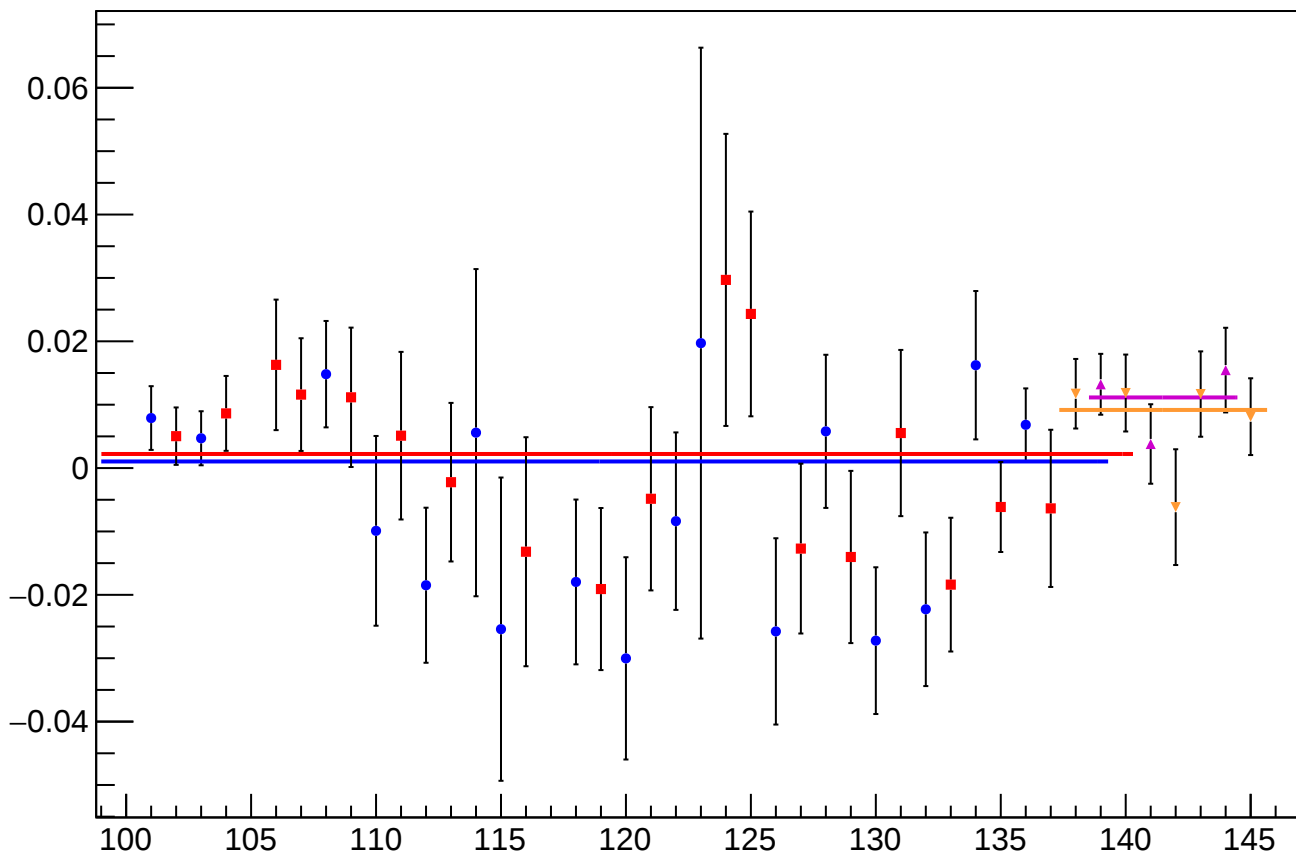
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.044 $\pm$ 0.038 χ^2 /NDF:23.4/19

Out: 0.134 $\pm$ 0.037 χ^2 /NDF:18.7/22

All: 0.090 $\pm$ 0.026 χ^2 /NDF: 45.1/42

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.003 χ^2 /NDF:3.4/4

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.003 χ^2 /NDF:2.0/2

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 5.6/7

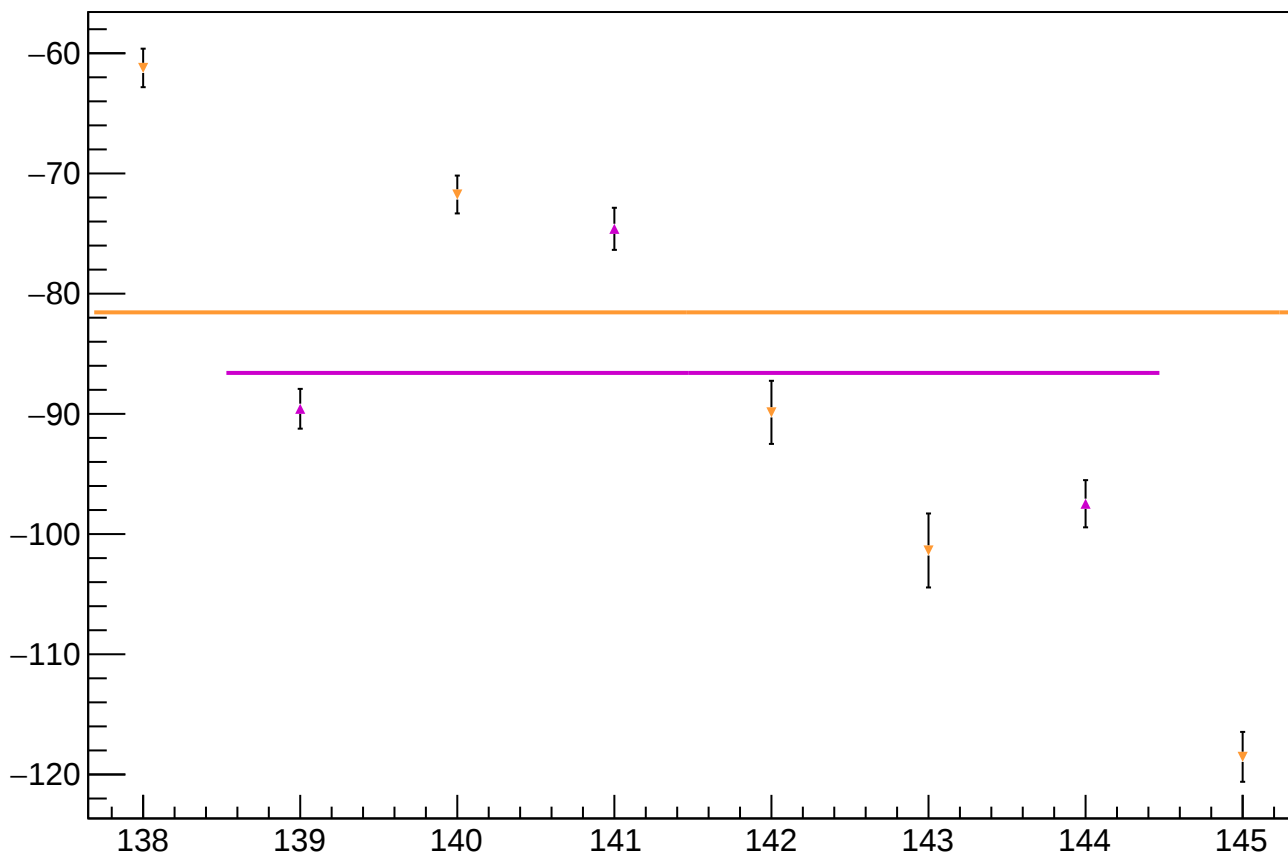
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.004 $\pm$ 0.002 χ^2 /NDF:40.4/19

Out: 0.005 $\pm$ 0.002 χ^2 /NDF:27.8/22

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 68.3/42

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: -86.593+/-1.026 χ^2/NDF :80.9/2

Left: -83.706+/-0.670 χ^2/NDF : 663.5/7

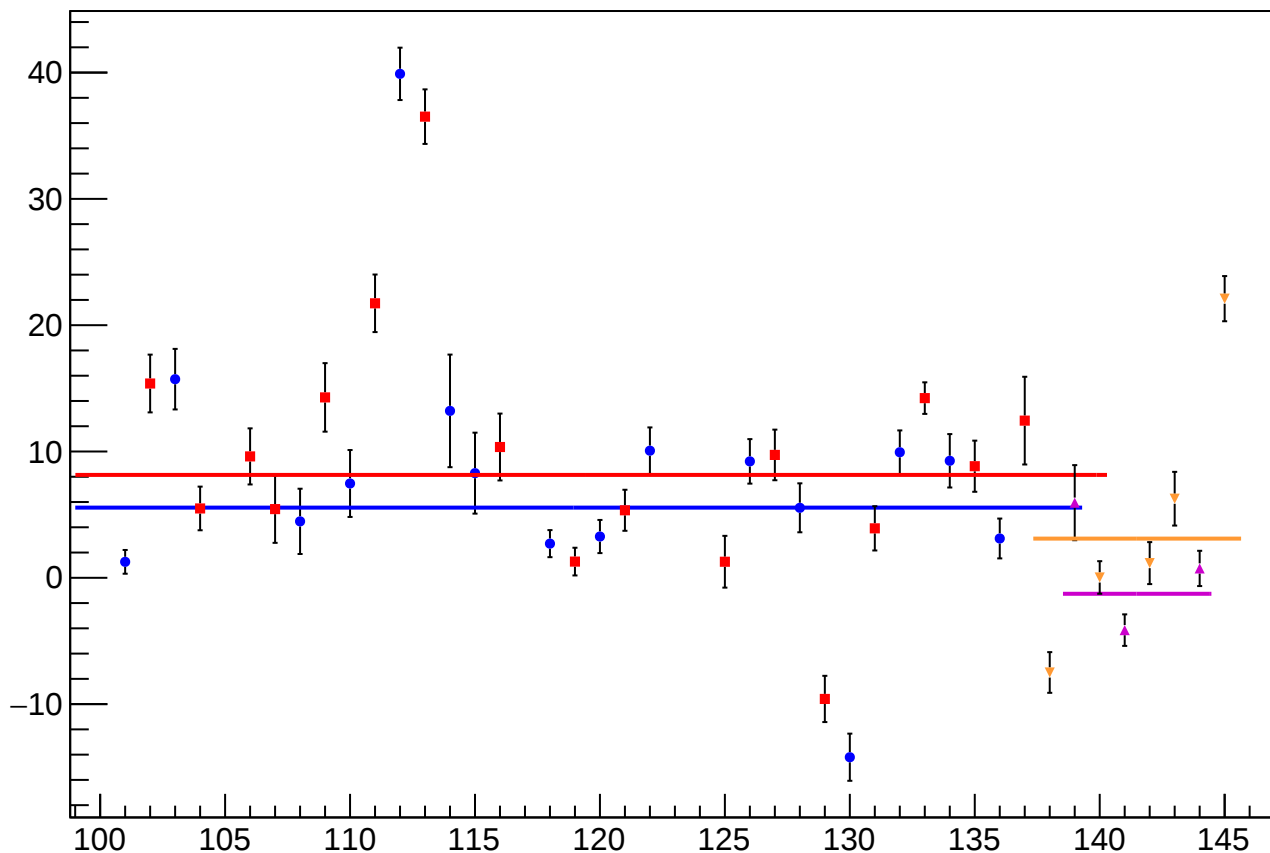
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.593+/-1.026 χ^2/NDF :80.9/2

Out: -81.555+/-0.885 χ^2/NDF :568.8/4

All: -83.706+/-0.670 χ^2/NDF : 663.5/7

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 χ^2/NDF : 462.0/15

Left Out: 3.104 ± 0.729 χ^2/NDF : 165.4/4

Right Out: 8.146 ± 0.454 χ^2/NDF : 406.8/16

Left In: -1.265 ± 0.888 χ^2/NDF : 13.3/2

Left: 1.346 ± 0.563 χ^2/NDF : 193.1/7

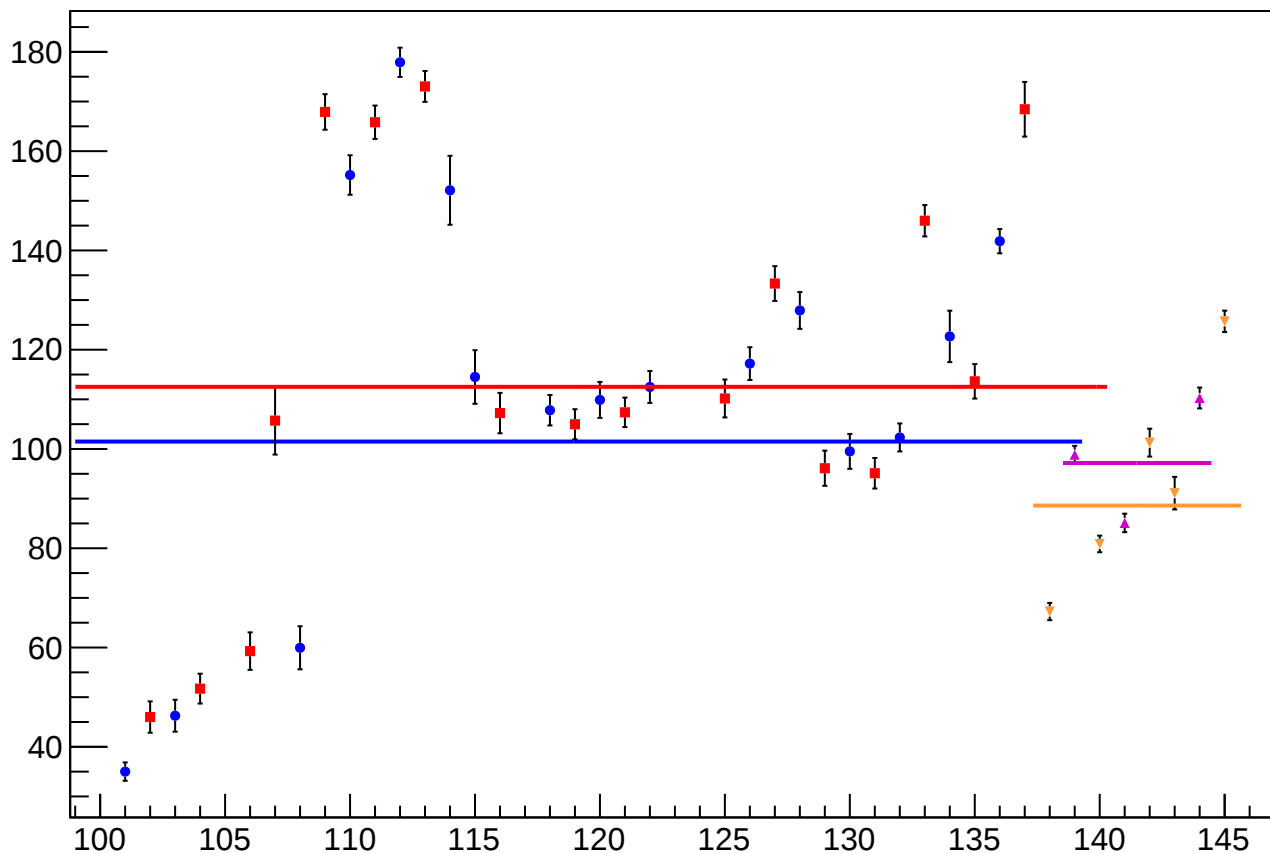
Right: 6.763 ± 0.310 χ^2/NDF : 886.1/32

In: 4.290 ± 0.383 χ^2/NDF : 523.3/18

Out: 6.735 ± 0.386 χ^2/NDF : 606.6/21

All: 5.503 ± 0.272 χ^2/NDF : 1150.2/40

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: 97.177 $\pm$ 1.100 χ^2 /NDF:81.8/2

Left: 92.239 $\pm$ 0.716 χ^2 /NDF: 606.9/7

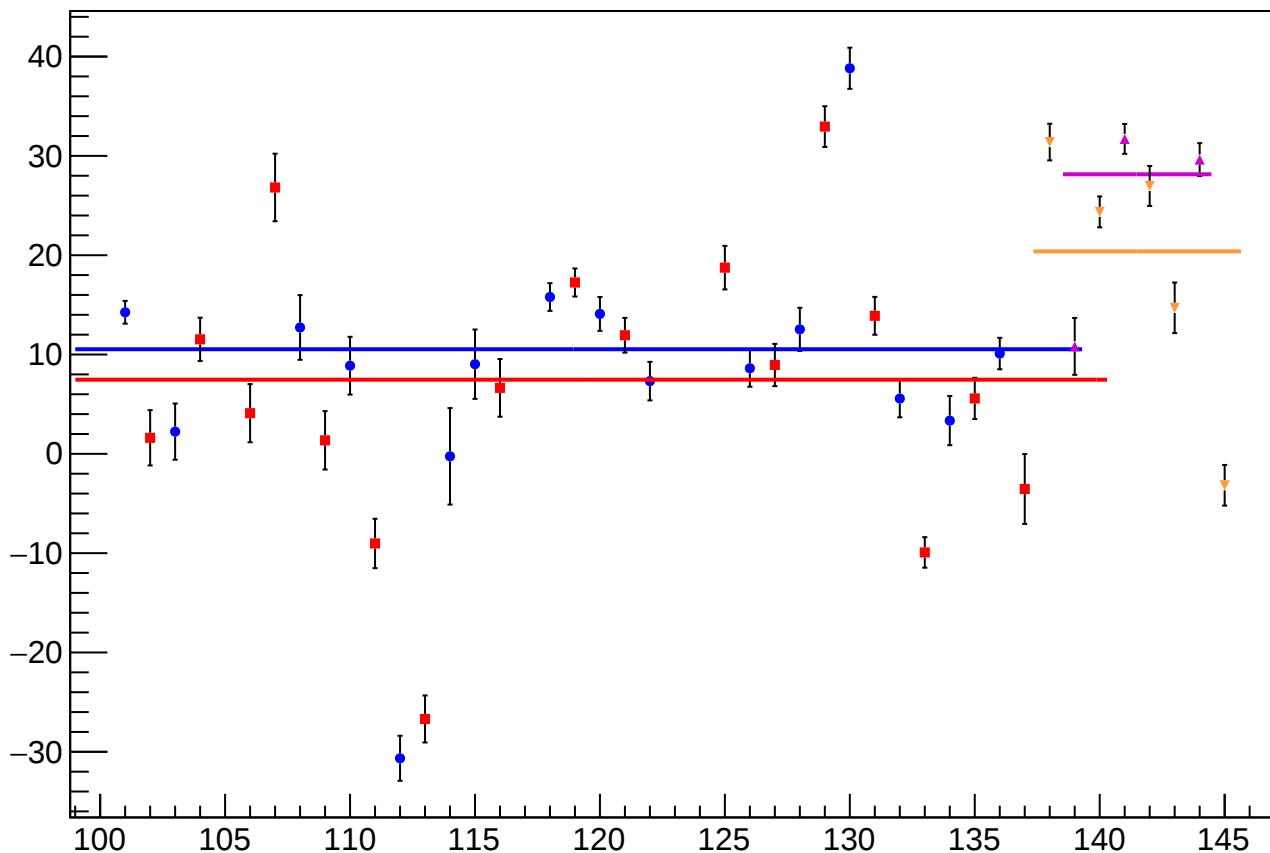
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 99.981 $\pm$ 0.651 χ^2 /NDF:3064.8/18

Out: 101.905 $\pm$ 0.629 χ^2 /NDF:3084.2/21

All: 100.977 $\pm$ 0.452 χ^2 /NDF: 6153.5/40

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: 28.147 $\pm$ 1.037 χ^2 /NDF:43.1/2

Left: 23.554 $\pm$ 0.663 χ^2 /NDF: 266.6/7

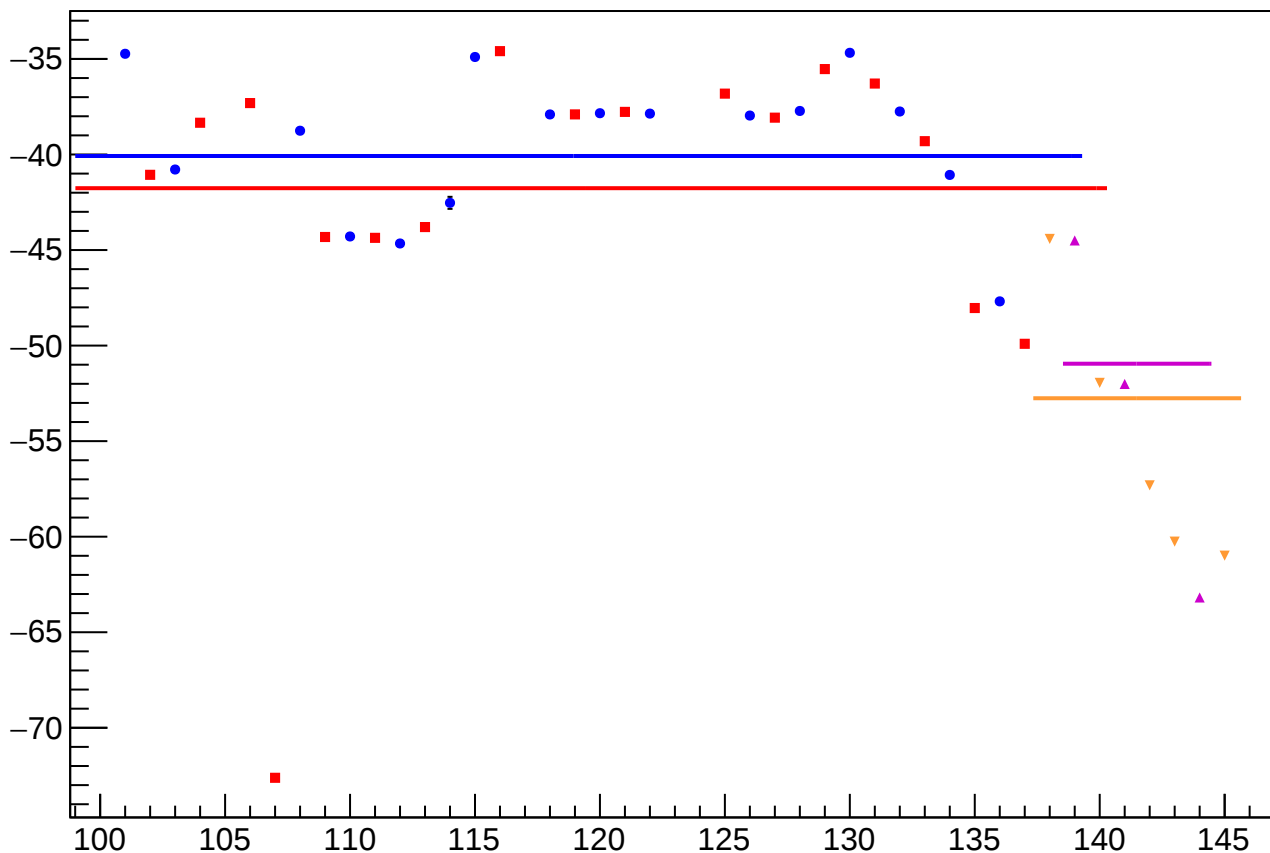
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 13.777 $\pm$ 0.445 χ^2 /NDF:858.7/18

Out: 10.965 $\pm$ 0.448 χ^2 /NDF:1039.3/21

All: 12.381 $\pm$ 0.316 χ^2 /NDF: 1917.8/40

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: -50.949 $\pm$ 0.043 χ^2 /NDF:28360.8/2

Left: -51.945 $\pm$ 0.029 χ^2 /NDF: 58372.7/7

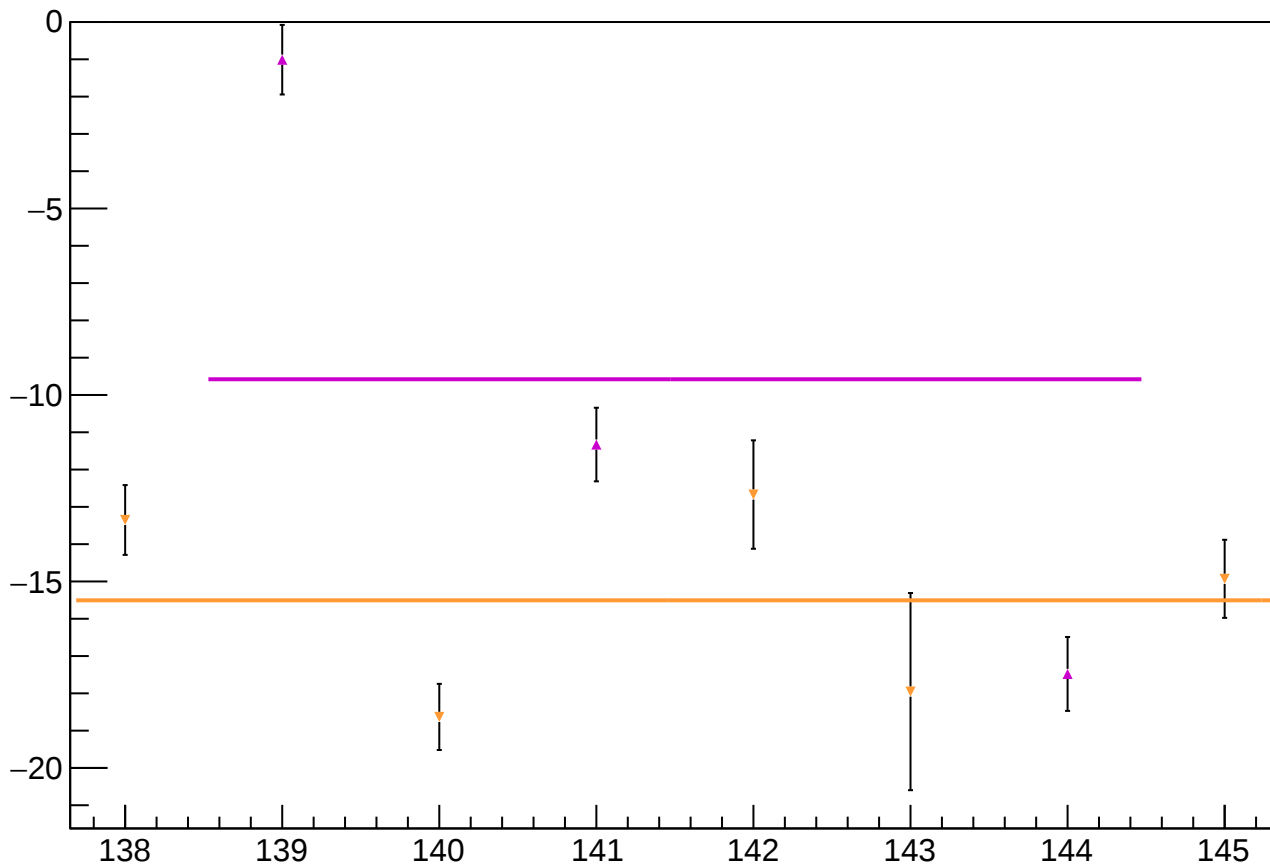
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -43.376 $\pm$ 0.024 χ^2 /NDF:98500.0/18

Out: -45.704 $\pm$ 0.023 χ^2 /NDF:141315.7/21

All: -44.562 $\pm$ 0.016 χ^2 /NDF: 244793.2/40

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -15.506 $\pm$ 0.504 χ^2 /NDF:22.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.579 $\pm$ 0.560 χ^2 /NDF:151.0/2

Left: -12.853 $\pm$ 0.374 χ^2 /NDF: 235.7/7

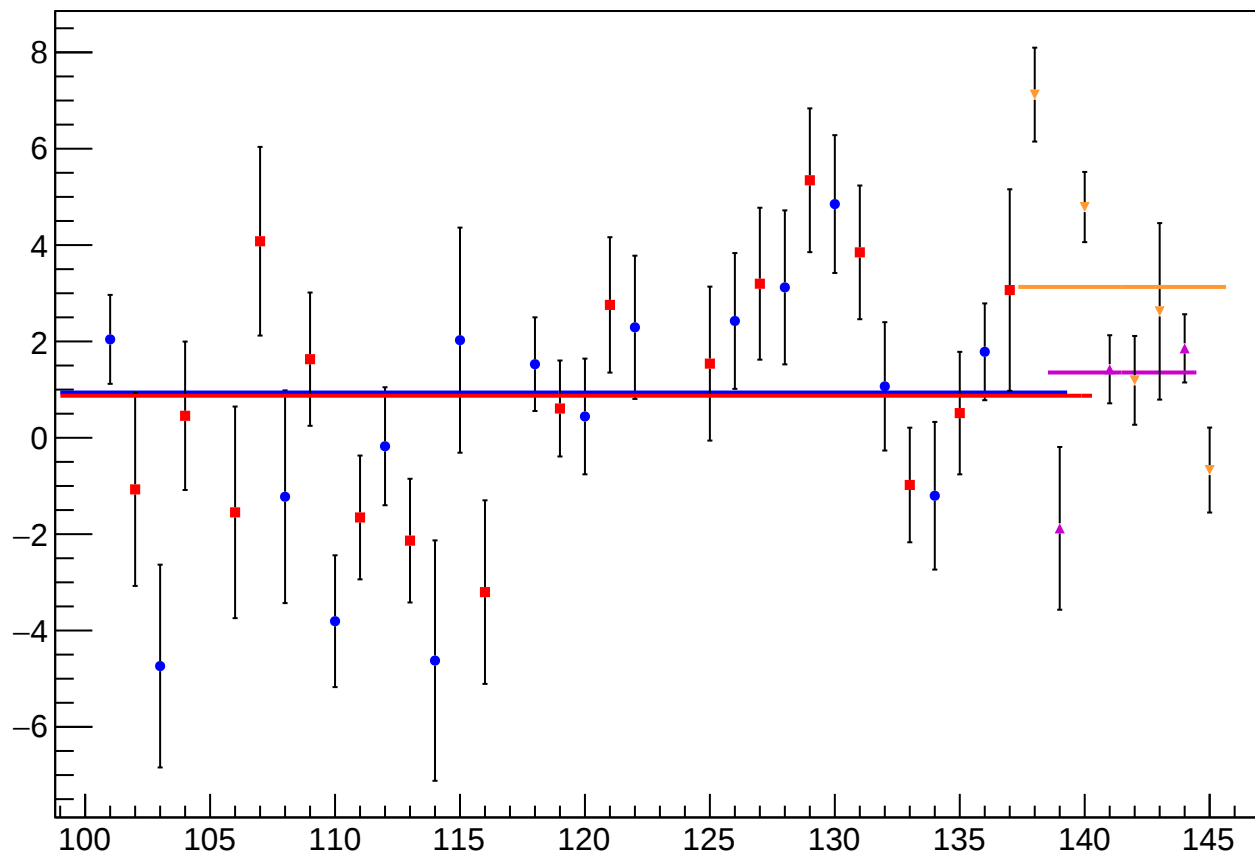
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.579 $\pm$ 0.560 χ^2 /NDF:151.0/2

Out: -15.506 $\pm$ 0.504 χ^2 /NDF:22.7/4

All: -12.853 $\pm$ 0.374 χ^2 /NDF: 235.7/7

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: 1.355 ± 0.480 $\chi^2/\text{NDF}: 4.2/2$

Left: 2.362 ± 0.315 $\chi^2/\text{NDF}: 57.0/7$

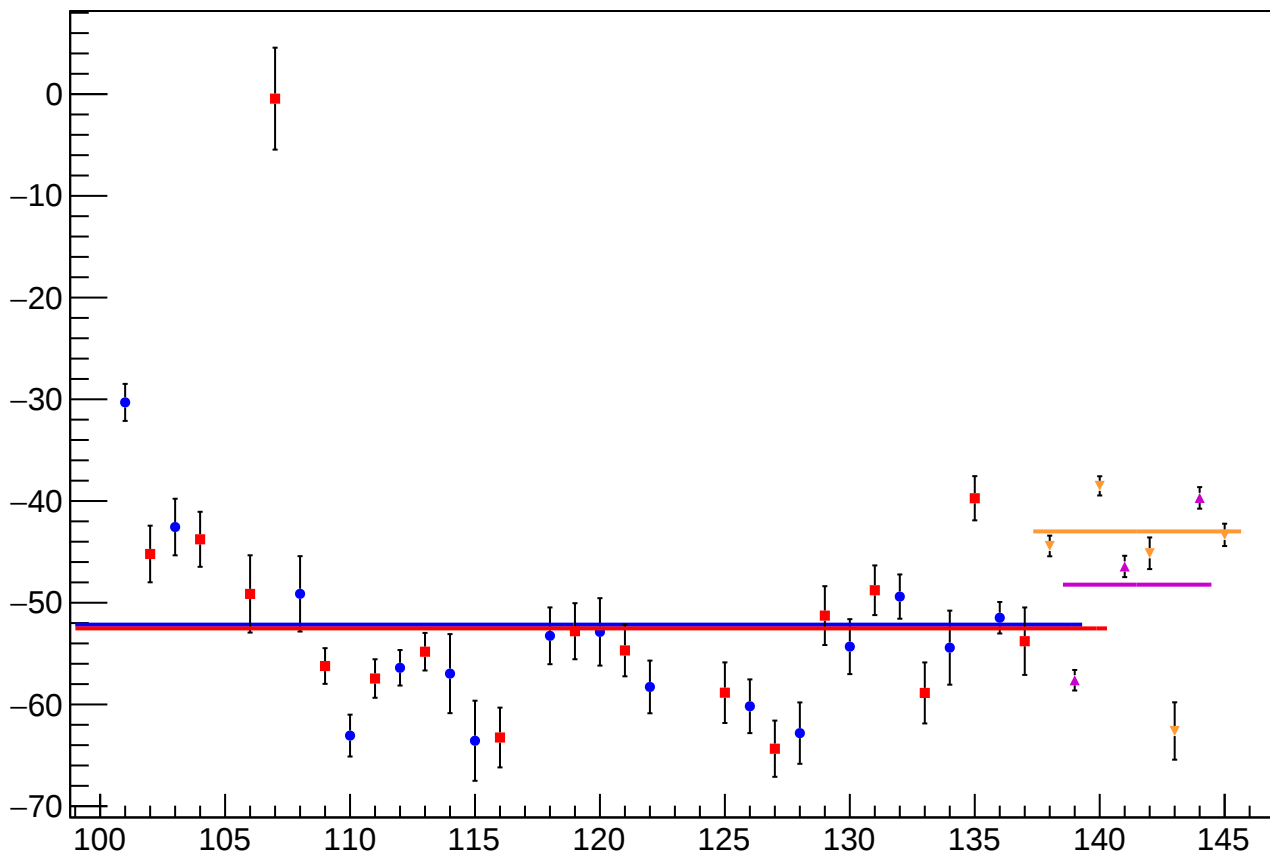
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 1.078 ± 0.277 $\chi^2/\text{NDF}: 46.9/18$

Out: 1.814 ± 0.270 $\chi^2/\text{NDF}: 102.5/21$

All: 1.454 ± 0.193 $\chi^2/\text{NDF}: 153.1/40$

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: -48.223 ± 0.600 χ^2/NDF : 154.3/2

Left: -45.321 ± 0.400 χ^2/NDF : 271.4/7

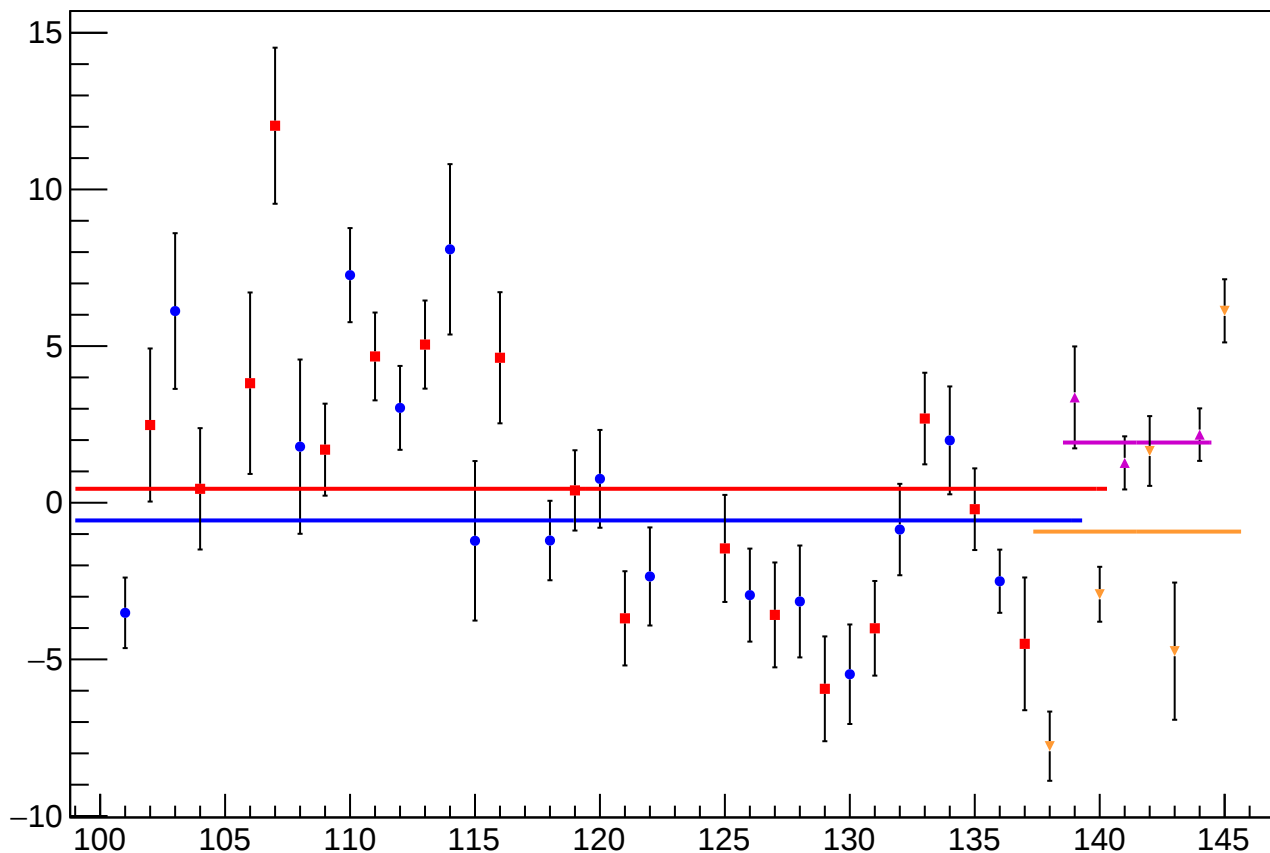
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -50.146 ± 0.429 χ^2/NDF : 406.3/18

Out: -47.097 ± 0.406 χ^2/NDF : 428.0/21

All: -48.537 ± 0.295 χ^2/NDF : 861.0/40

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: 1.921 ± 0.560 χ^2/NDF : 1.5/2

Left: 0.320 ± 0.370 χ^2/NDF : 116.9/7

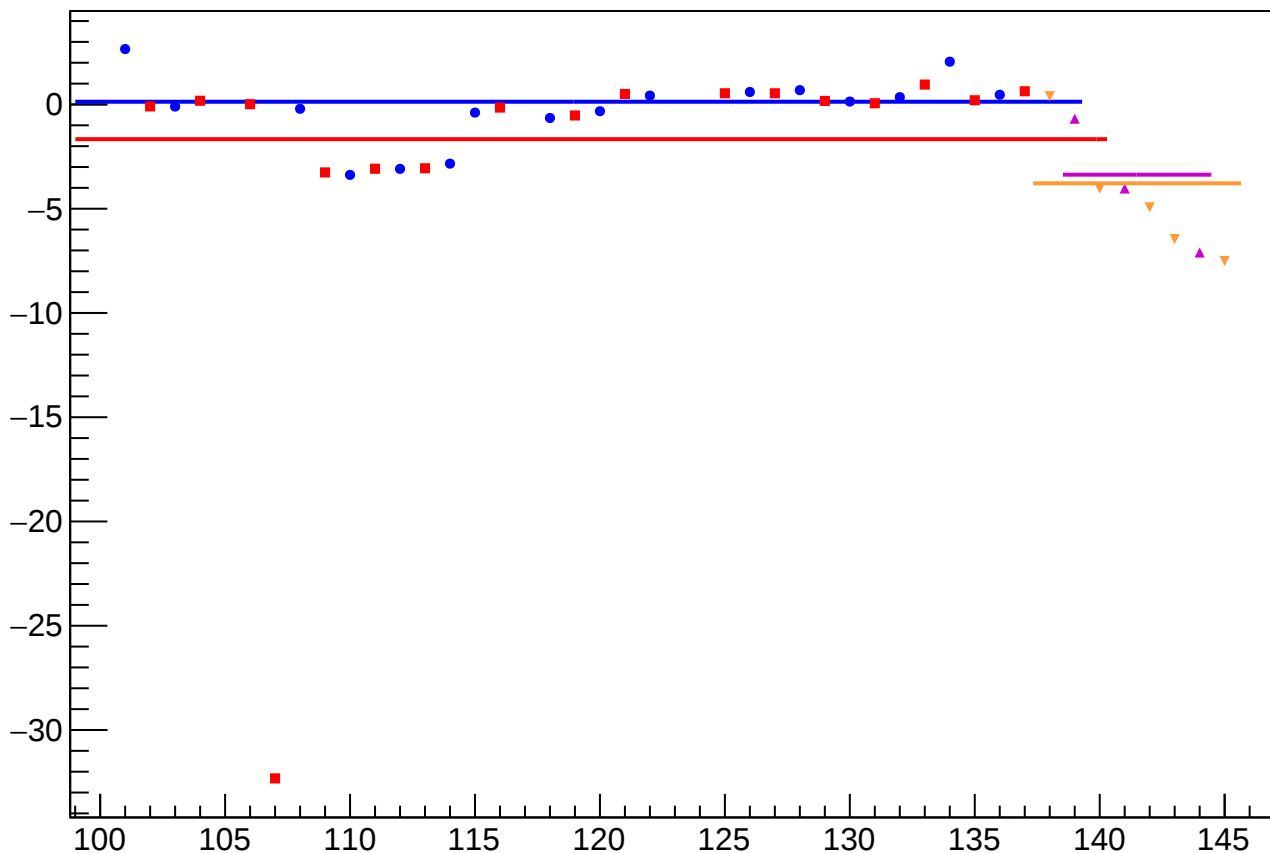
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 0.232 ± 0.317 χ^2/NDF : 96.7/18

Out: -0.098 ± 0.311 χ^2/NDF : 199.6/21

All: 0.064 ± 0.222 χ^2/NDF : 296.9/40

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: -3.368 ± 0.023 $\chi^2/\text{NDF}: 12395.6/2$

Left: -3.591 ± 0.016 $\chi^2/\text{NDF}: 32003.7/7$

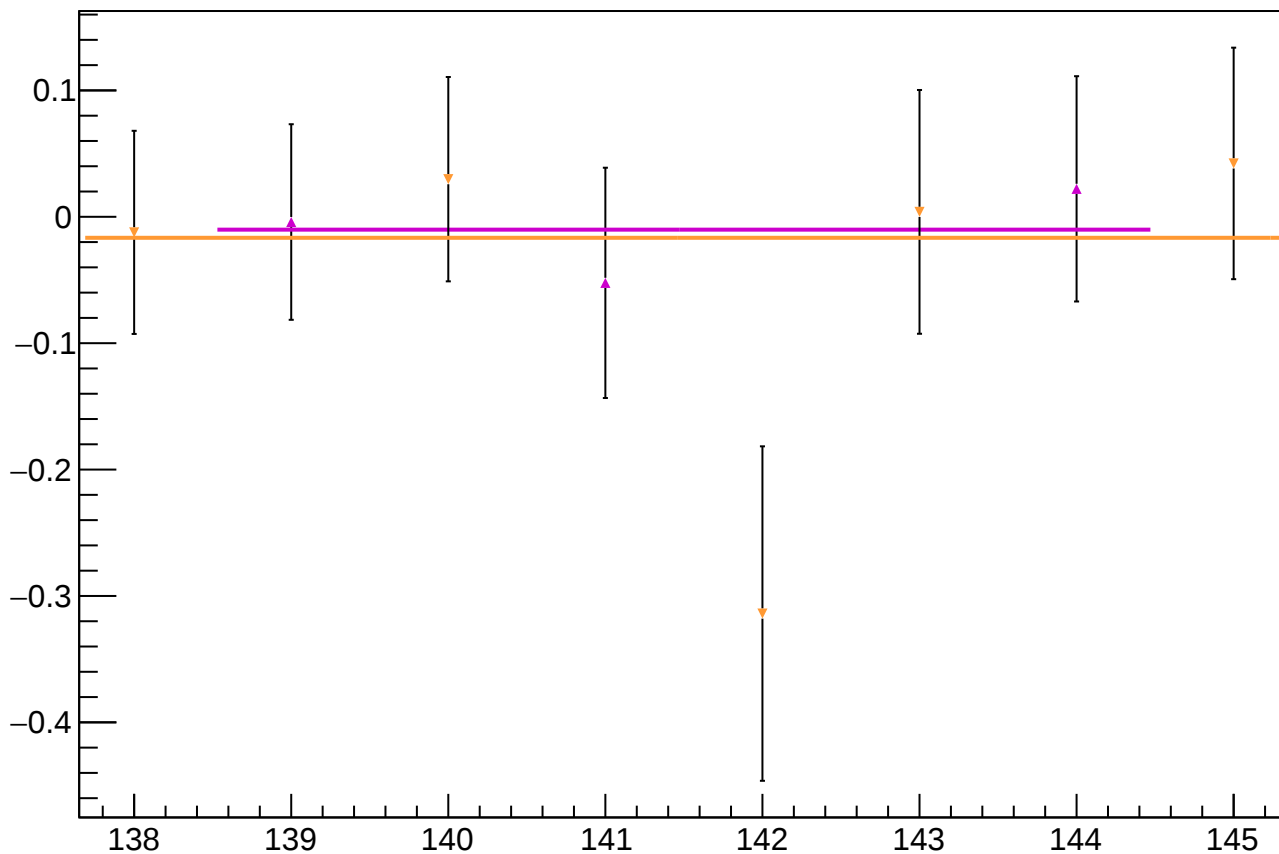
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -1.465 ± 0.016 $\chi^2/\text{NDF}: 29686.4/18$

Out: -2.727 ± 0.015 $\chi^2/\text{NDF}: 101738.8/21$

All: -2.113 ± 0.011 $\chi^2/\text{NDF}: 134670.2/40$

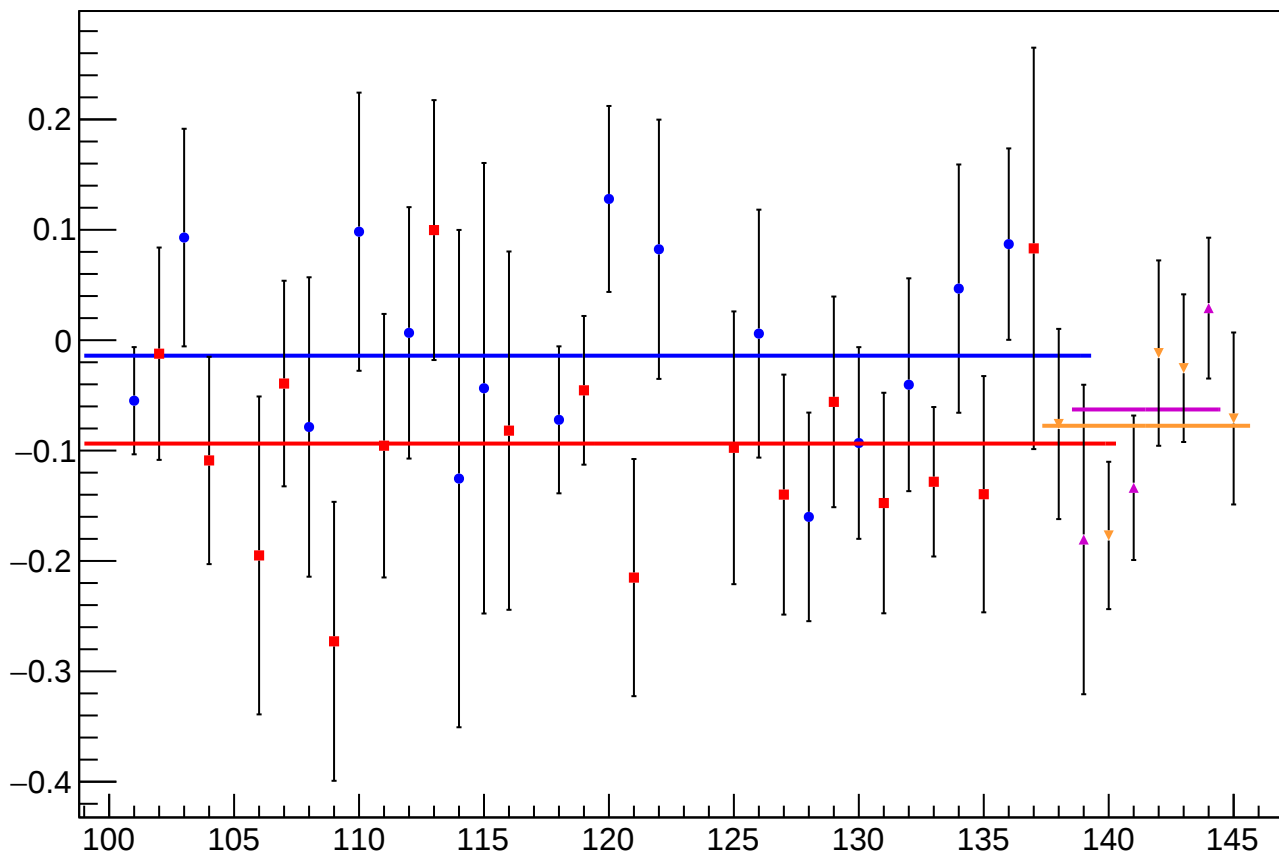
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.010 $\pm$ 0.049 χ^2 /NDF:0.4/2

Left: -0.014 $\pm$ 0.032 χ^2 /NDF: 6.2/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.010 $\pm$ 0.049 χ^2 /NDF:0.4/2
 Out: -0.017 $\pm$ 0.041 χ^2 /NDF:5.8/4
 All: -0.014 $\pm$ 0.032 χ^2 /NDF: 6.2/7

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: -0.063 ± 0.043 χ^2/NDF : 4.0/2

Left: -0.072 ± 0.027 χ^2/NDF : 7.5/7

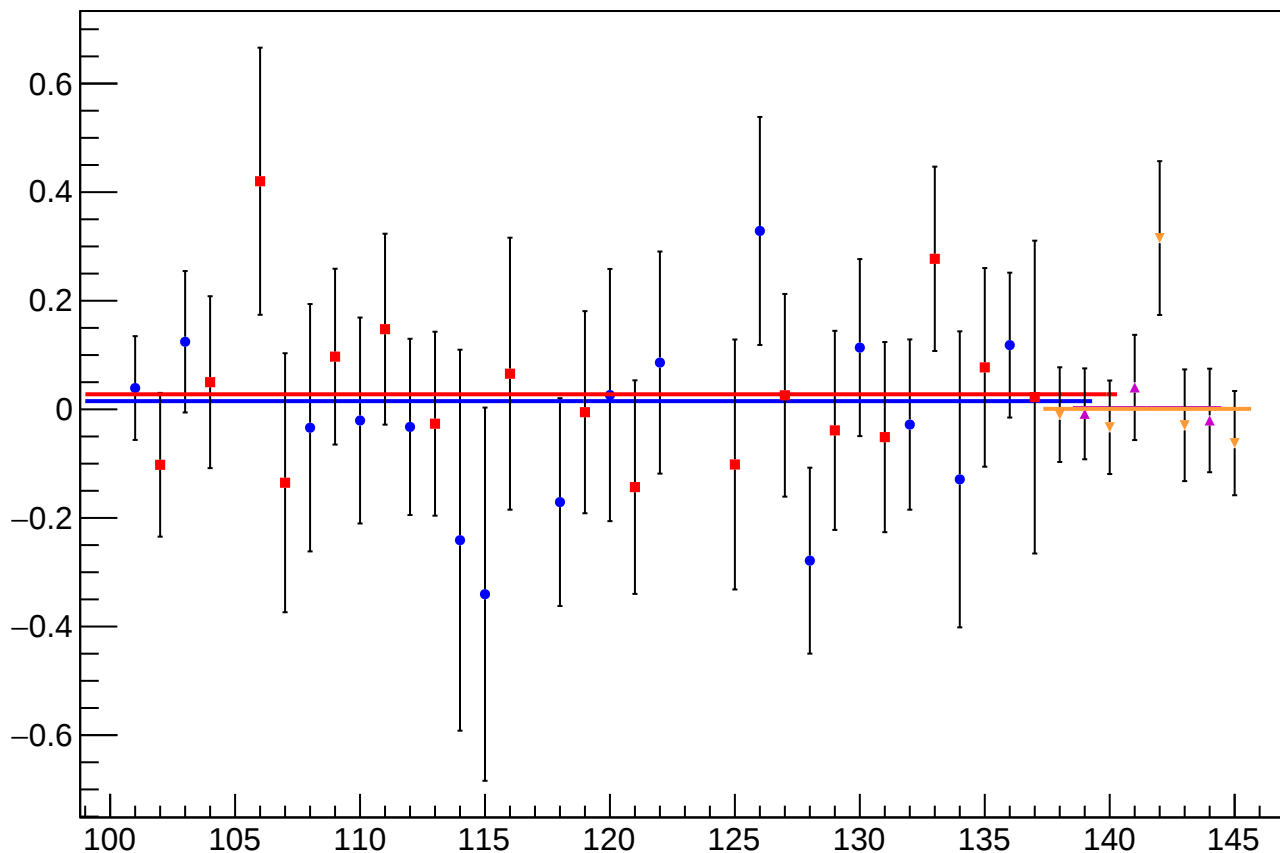
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.025 ± 0.021 χ^2/NDF : 17.4/18

Out: -0.088 ± 0.020 χ^2/NDF : 13.7/21

All: -0.057 ± 0.014 χ^2/NDF : 36.0/40

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.001 $\pm$ 0.044 χ^2 /NDF:5.6/4

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.002 $\pm$ 0.053 χ^2 /NDF:0.2/2

Left: 0.002 $\pm$ 0.034 χ^2 /NDF: 5.8/7

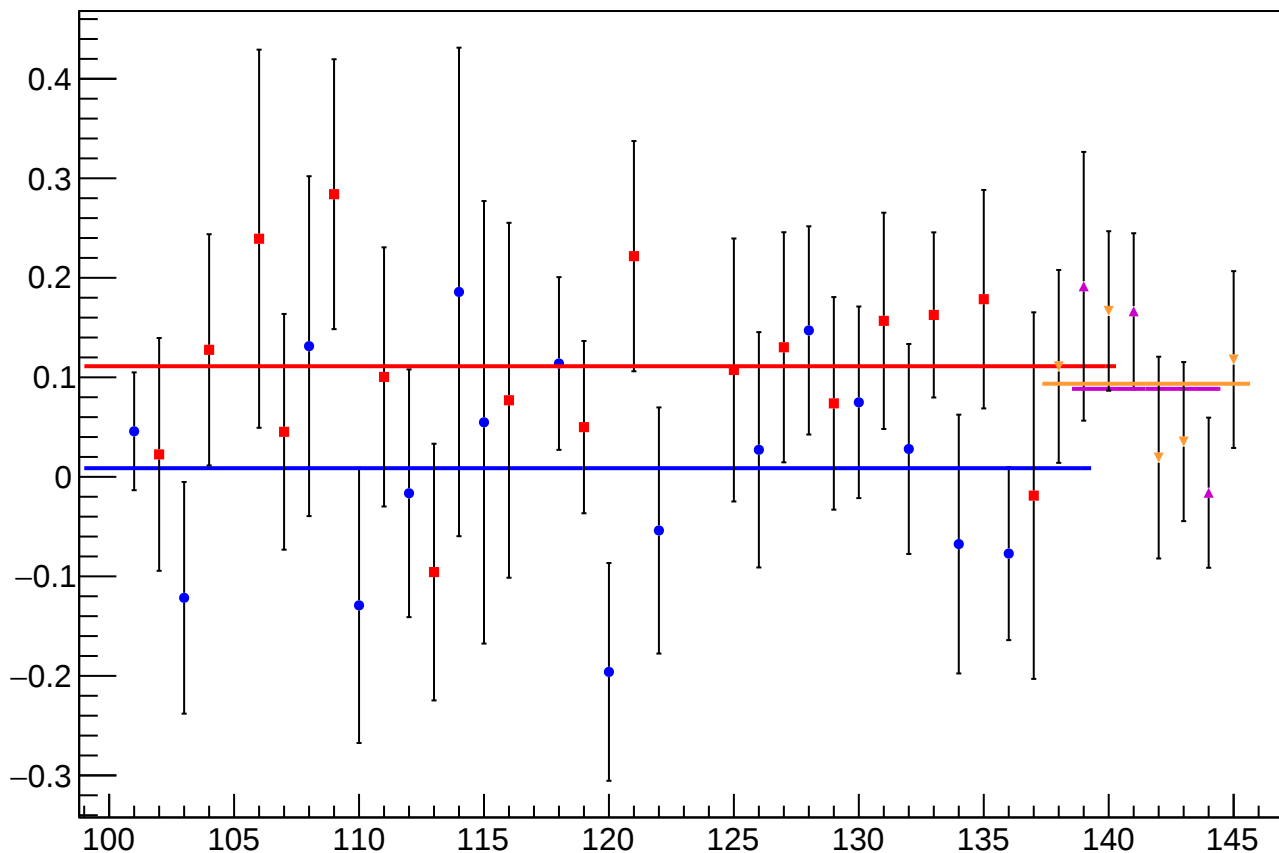
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.010 $\pm$ 0.033 χ^2 /NDF:10.4/18

Out: 0.014 $\pm$ 0.031 χ^2 /NDF:14.2/21

All: 0.012 $\pm$ 0.023 χ^2 /NDF: 24.6/40

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: 0.088 $\pm$ 0.050 χ^2/NDF : 3.5/2

Left: 0.092 $\pm$ 0.031 χ^2/NDF : 5.5/7

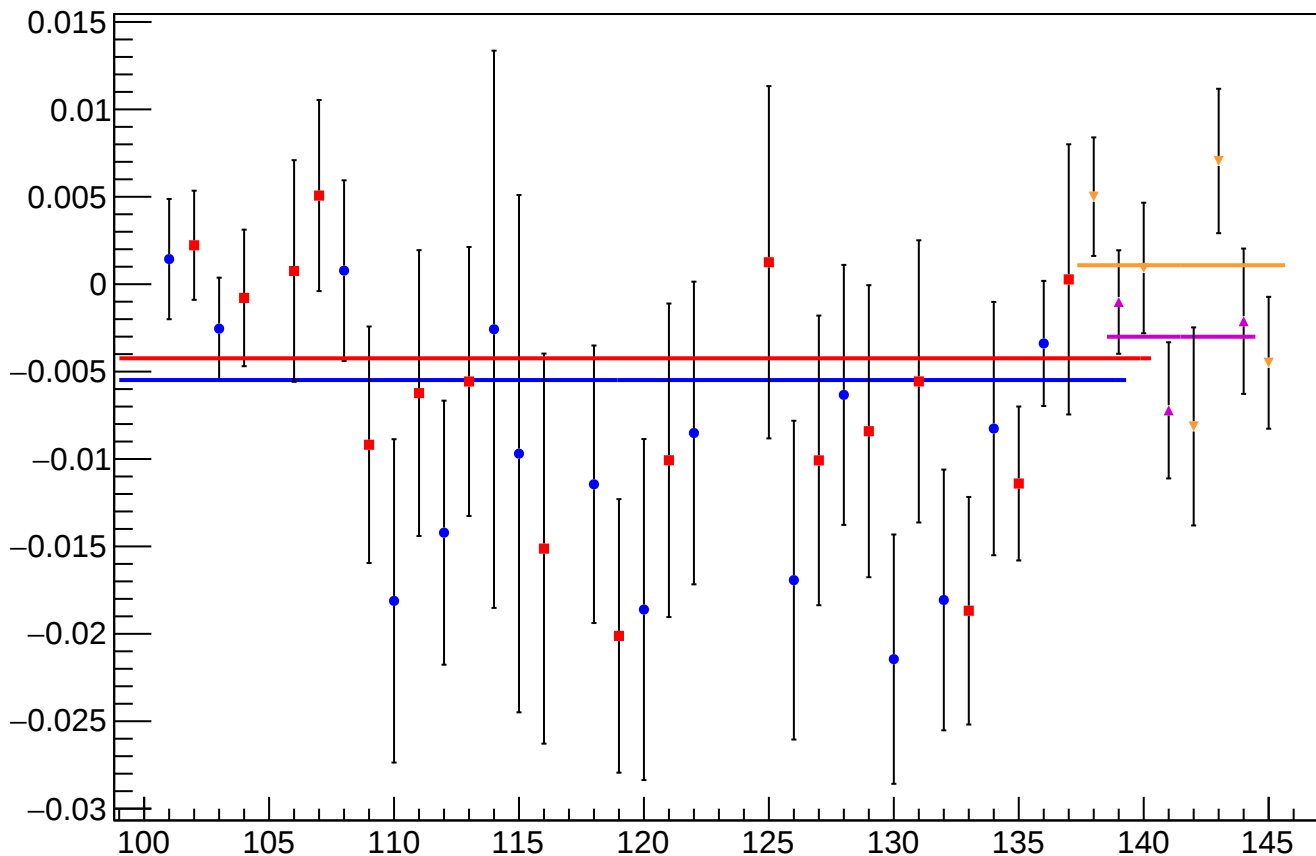
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/32

In: 0.026 $\pm$ 0.024 χ^2/NDF : 18.0/18

Out: 0.105 $\pm$ 0.023 χ^2/NDF : 10.7/21

All: 0.067 $\pm$ 0.017 χ^2/NDF : 34.4/40

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: -0.003+/-0.002 χ^2/NDF : 1.7/2

Left: -0.001+/-0.001 χ^2/NDF : 12.2/7

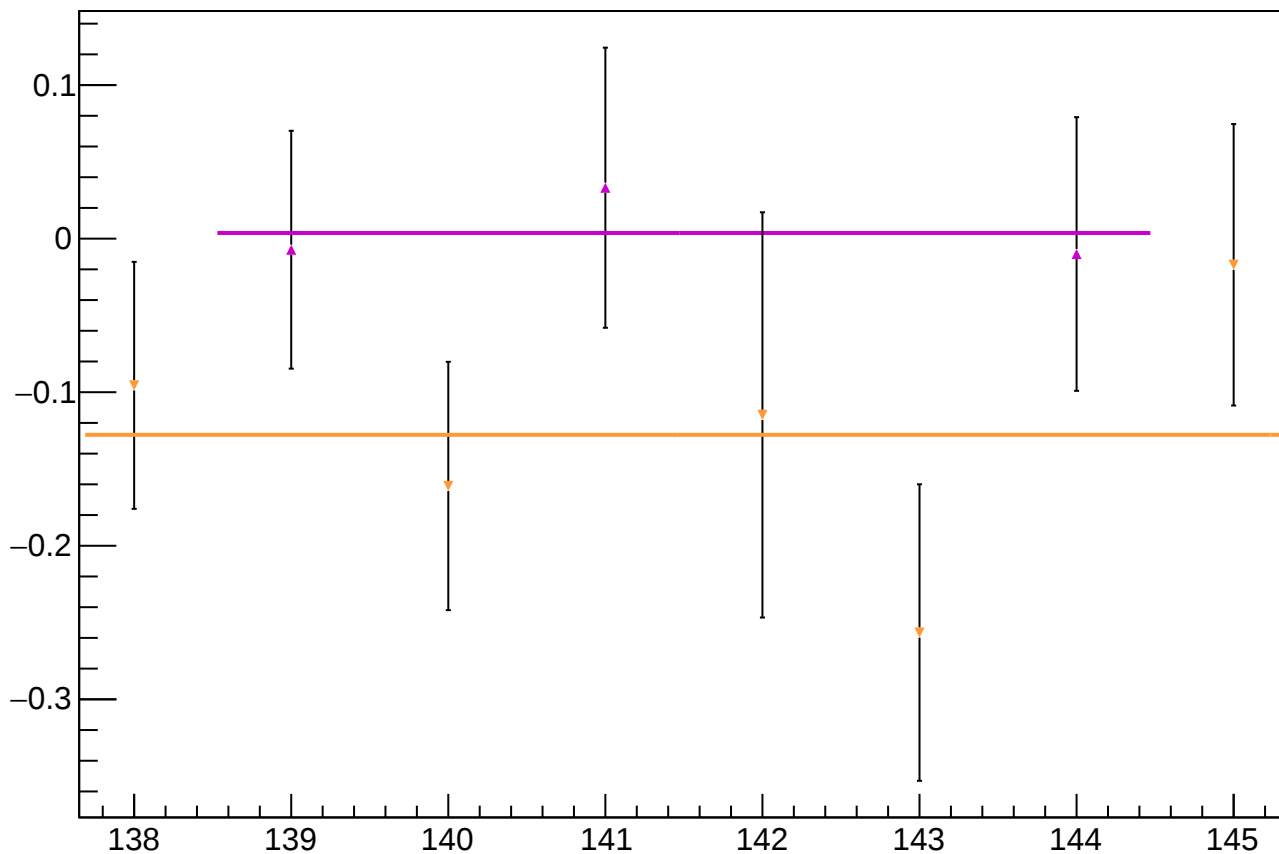
Right: -0.005+/-0.001 χ^2/NDF : 46.3/32

In: -0.005+/-0.001 χ^2/NDF : 24.9/18

Out: -0.002+/-0.001 χ^2/NDF : 37.3/21

All: -0.003+/-0.001 χ^2/NDF : 64.8/40

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.128 $\pm$ 0.041 χ^2 /NDF:3.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2

Left: -0.074 $\pm$ 0.032 χ^2 /NDF: 7.9/7

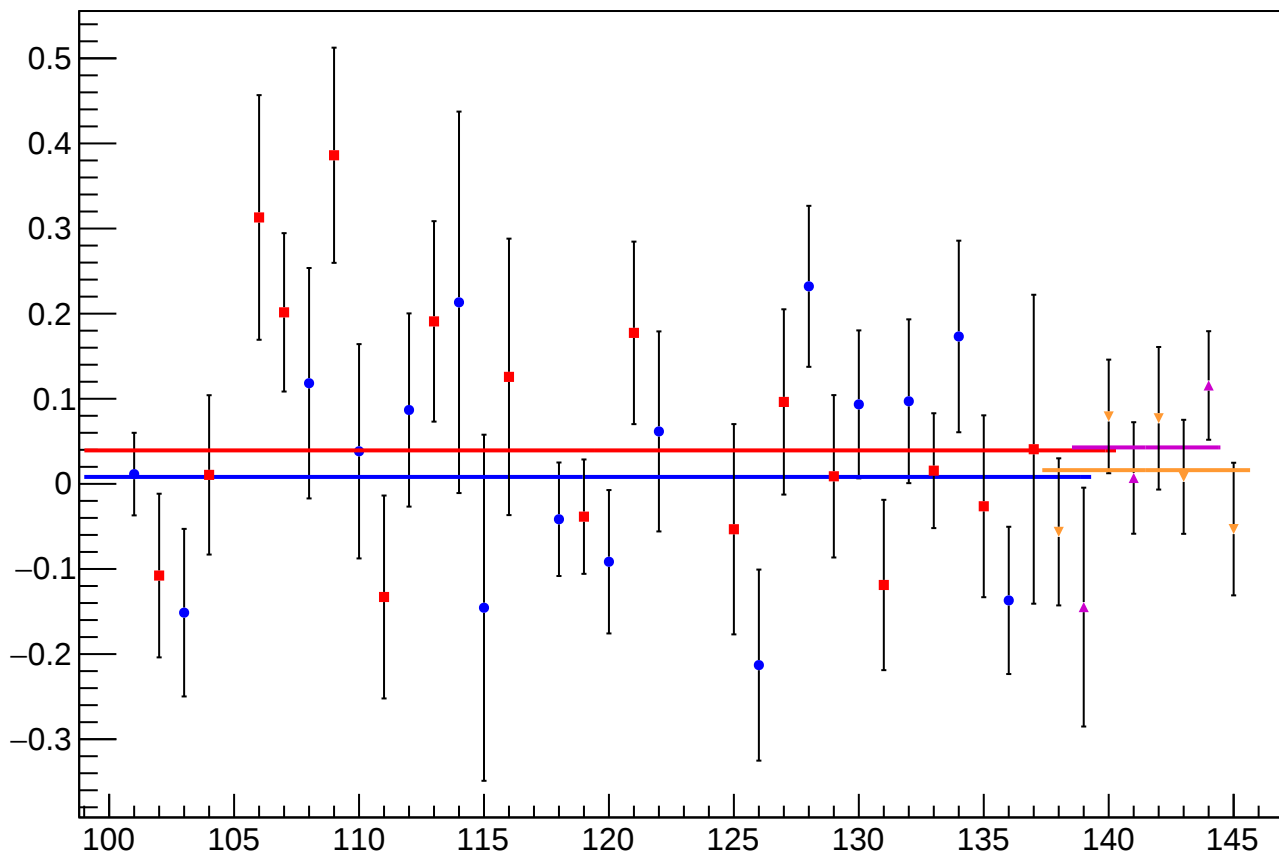
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2

Out: -0.128 $\pm$ 0.041 χ^2 /NDF:3.6/4

All: -0.074 $\pm$ 0.032 χ^2 /NDF: 7.9/7

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: 0.043 $\pm$ 0.043 χ^2 /NDF:3.4/2

Left: 0.026 $\pm$ 0.027 χ^2 /NDF: 6.6/7

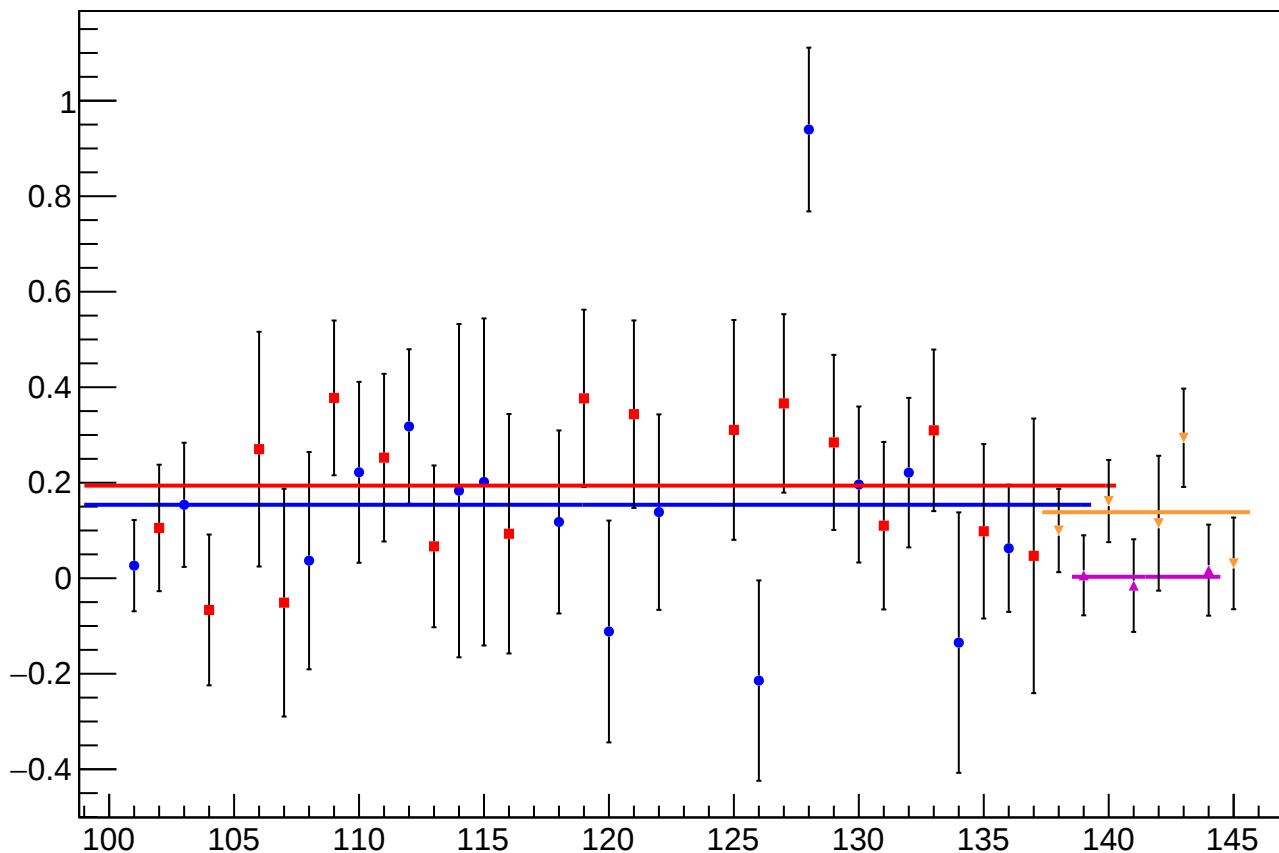
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.016 $\pm$ 0.021 χ^2 /NDF:27.5/18

Out: 0.031 $\pm$ 0.020 χ^2 /NDF:30.8/21

All: 0.024 $\pm$ 0.014 χ^2 /NDF: 58.7/40

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.138 ± 0.044 $\chi^2/\text{NDF}: 3.8/4$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.003 ± 0.053 $\chi^2/\text{NDF}: 0.1/2$

Left: 0.083 ± 0.034 $\chi^2/\text{NDF}: 7.8/7$

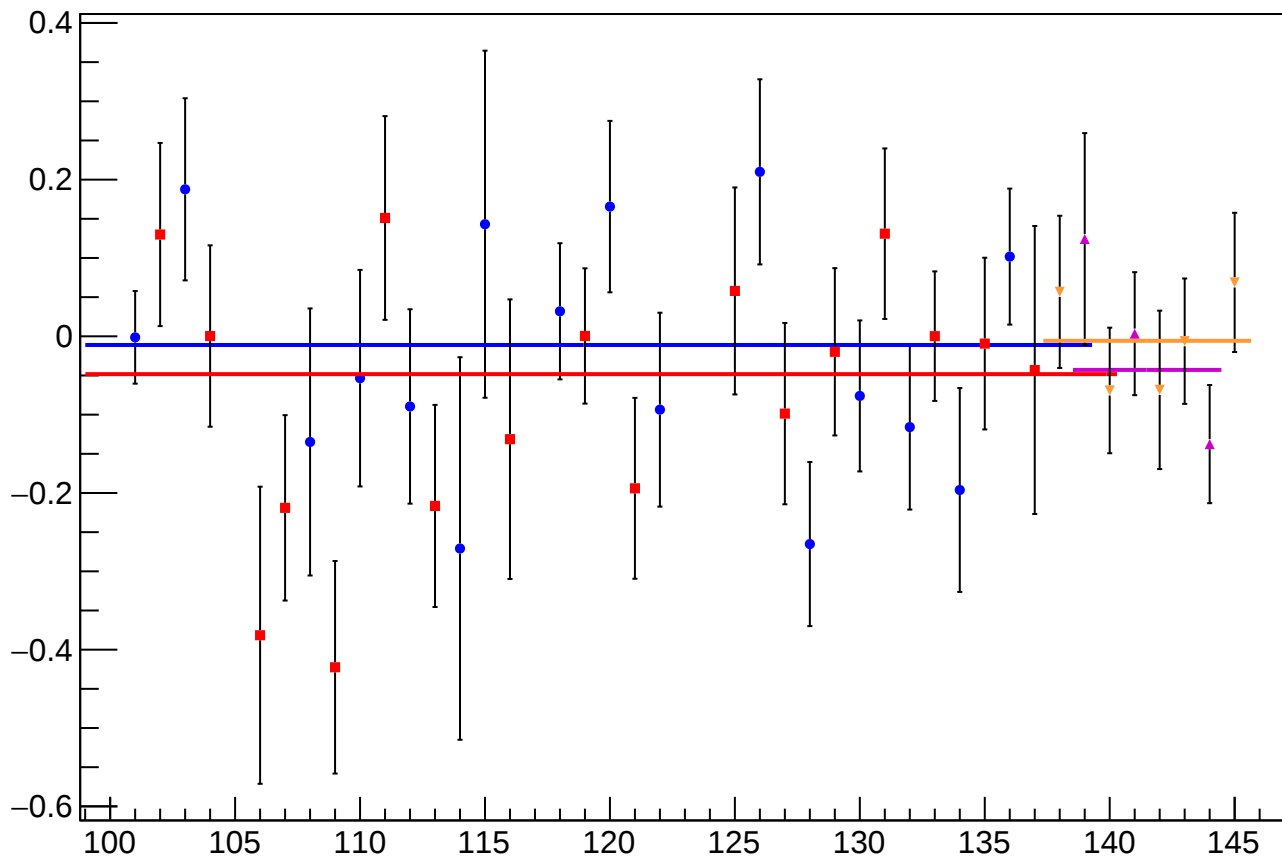
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.094 ± 0.033 $\chi^2/\text{NDF}: 35.5/18$

Out: 0.165 ± 0.031 $\chi^2/\text{NDF}: 15.2/21$

All: 0.132 ± 0.023 $\chi^2/\text{NDF}: 53.1/40$

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: -0.043 ± 0.050 χ^2/NDF : 3.5/2

Left: -0.020 ± 0.031 χ^2/NDF : 5.9/7

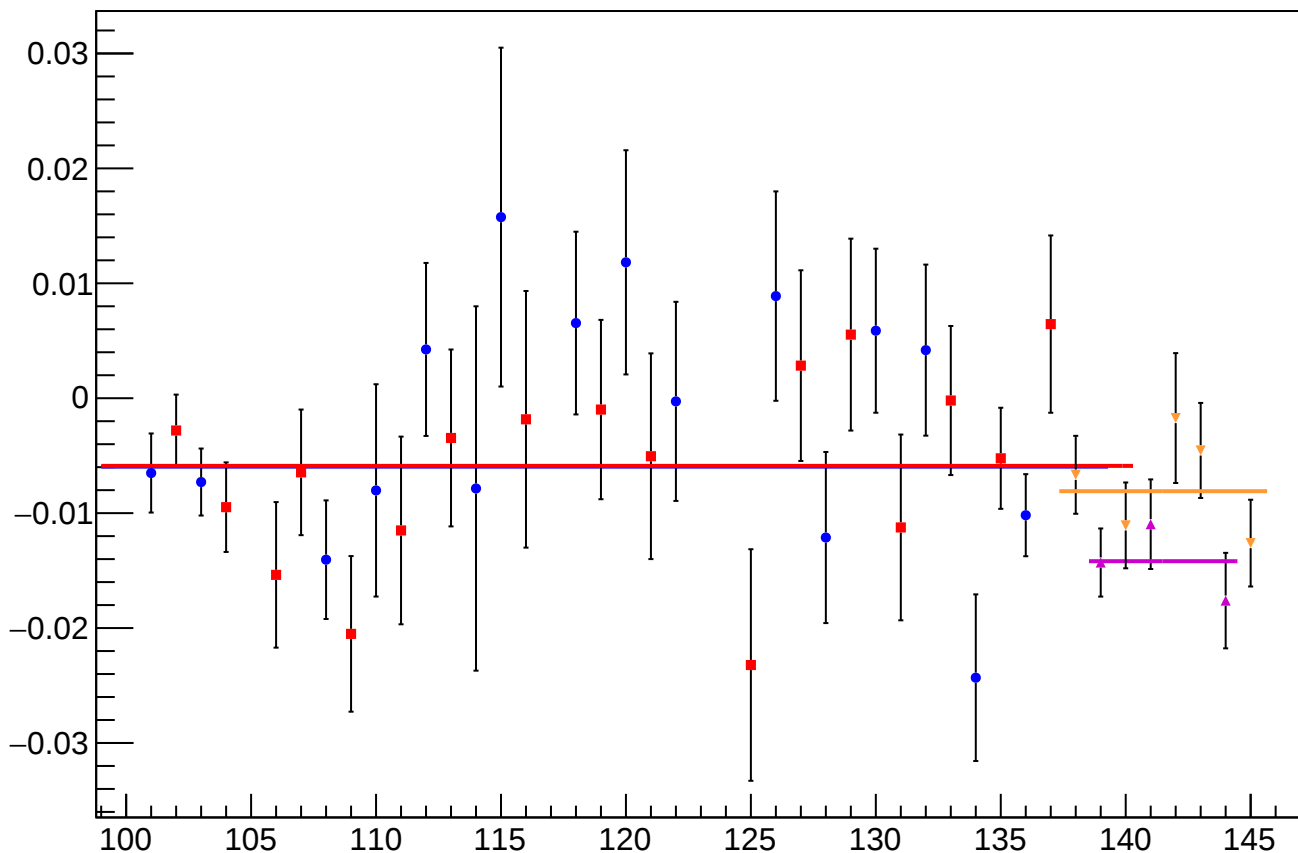
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.018 ± 0.024 χ^2/NDF : 27.2/18

Out: -0.034 ± 0.023 χ^2/NDF : 28.4/21

All: -0.026 ± 0.017 χ^2/NDF : 55.9/40

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: -0.014 ± 0.002 χ^2/NDF : 1.4/2

Left: -0.011 ± 0.001 χ^2/NDF : 10.7/7

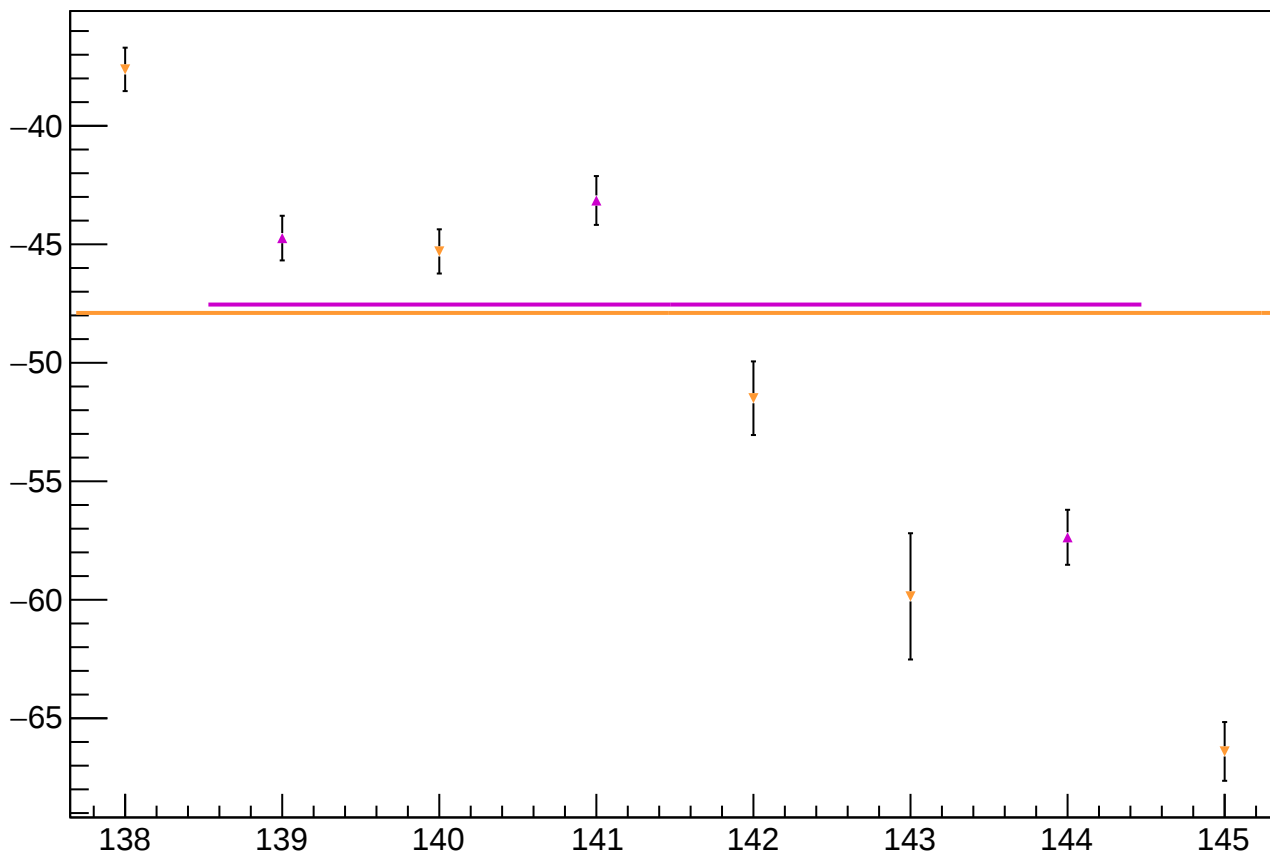
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 40.9/18

Out: -0.007 ± 0.001 χ^2/NDF : 24.7/21

All: -0.008 ± 0.001 χ^2/NDF : 67.0/40

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: -47.542+/-0.596 χ^2/NDF :98.7/2

Left: -47.739+/-0.397 χ^2/NDF : 480.7/7

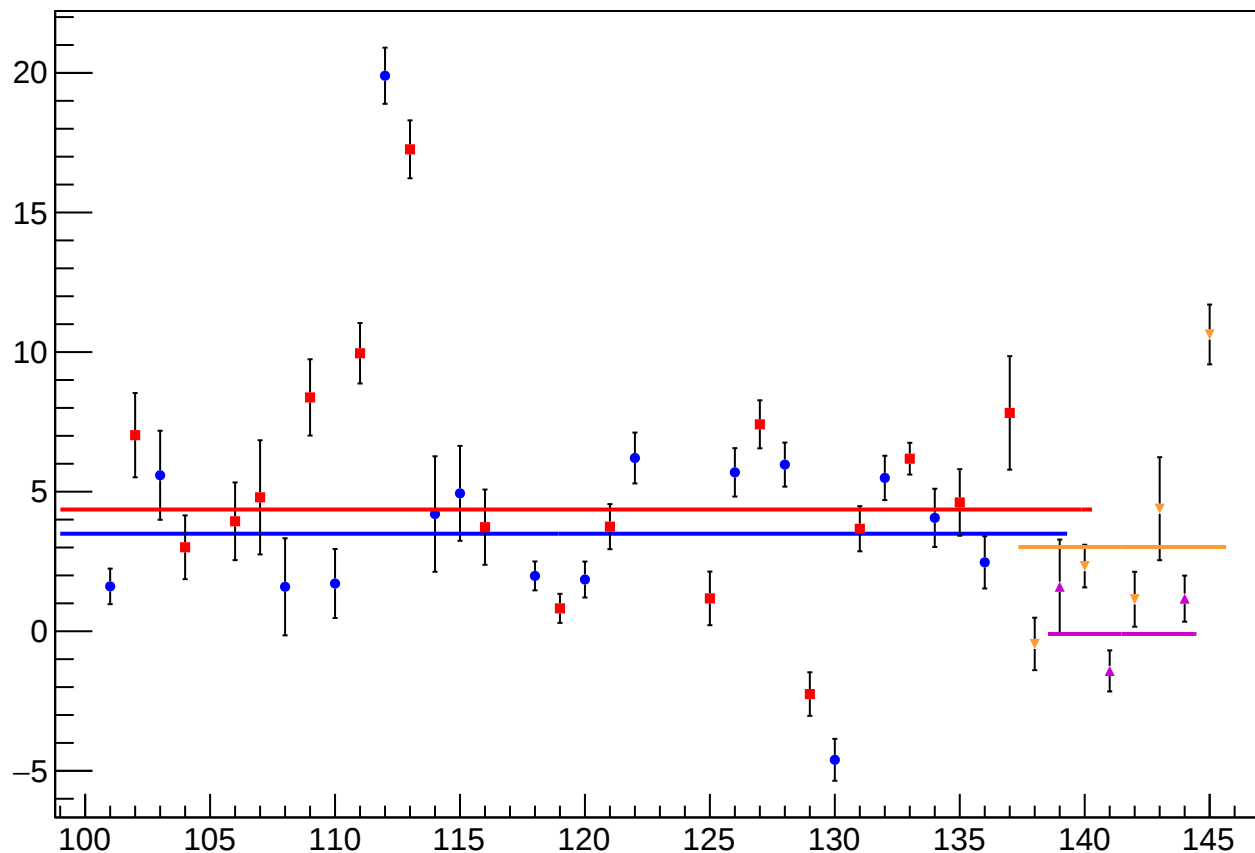
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.542+/-0.596 χ^2/NDF :98.7/2

Out: -47.895+/-0.531 χ^2/NDF :381.9/4

All: -47.739+/-0.397 χ^2/NDF : 480.7/7

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 3.017 ± 0.445 $\chi^2/\text{NDF}: 69.1/4$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: -0.096 ± 0.522 $\chi^2/\text{NDF}: 6.6/2$

Left: 1.706 ± 0.339 $\chi^2/\text{NDF}: 96.3/7$

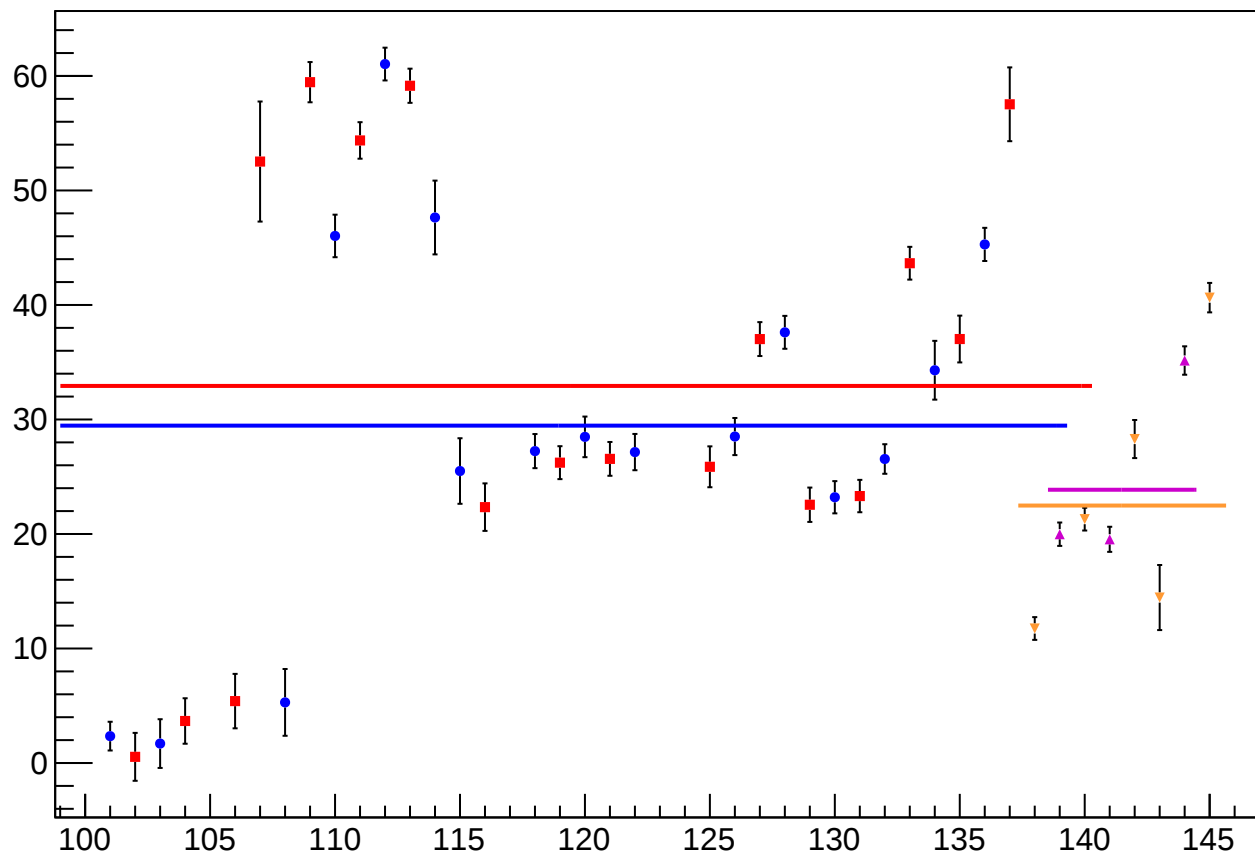
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 2.963 ± 0.201 $\chi^2/\text{NDF}: 491.8/18$

Out: 4.086 ± 0.201 $\chi^2/\text{NDF}: 427.4/21$

All: 3.524 ± 0.142 $\chi^2/\text{NDF}: 934.7/40$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 22.484+/-0.566 χ^2/NDF :337.6/4

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 23.864+/-0.640 χ^2/NDF :112.8/2

Left: 23.090+/-0.424 χ^2/NDF : 453.0/7

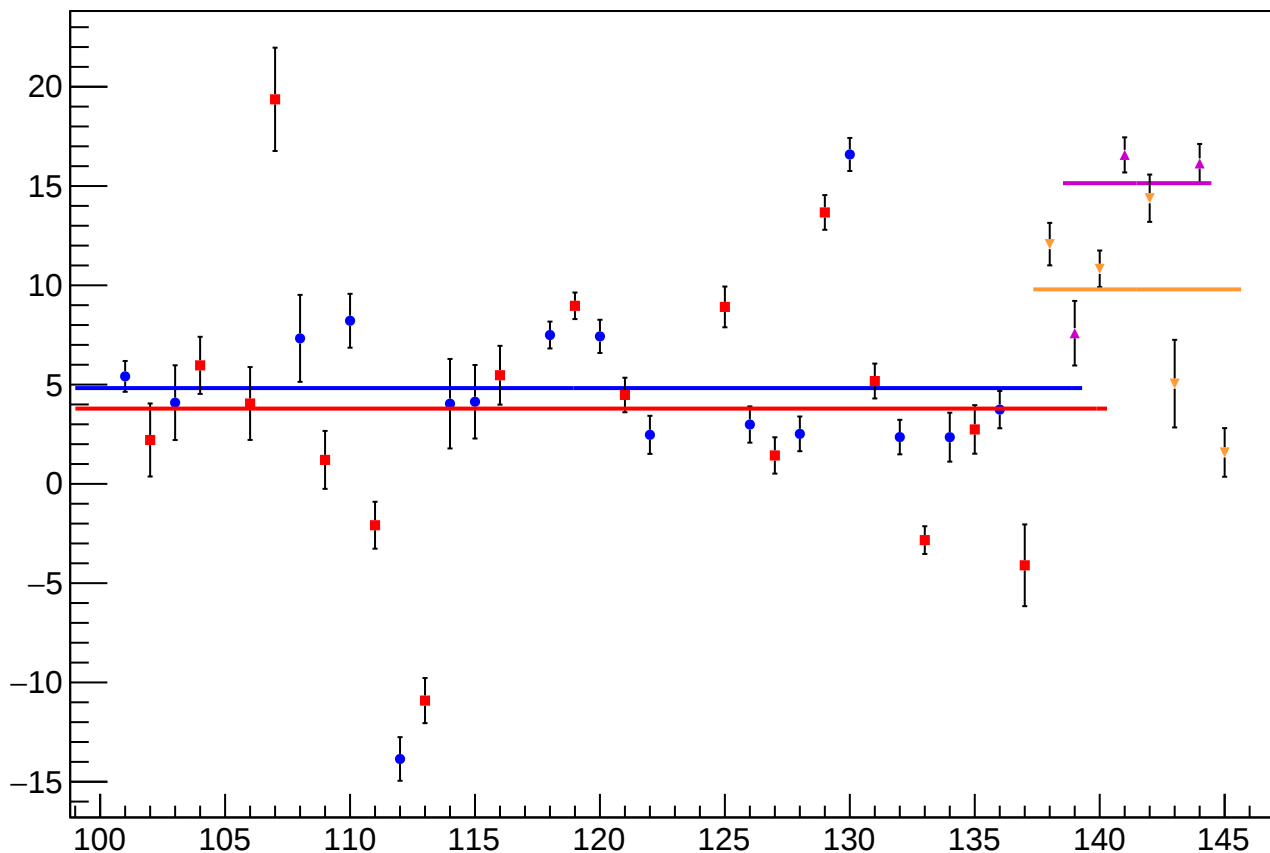
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 27.791+/-0.350 χ^2/NDF :1658.1/18

Out: 29.185+/-0.339 χ^2/NDF :2180.1/21

All: 28.509+/-0.243 χ^2/NDF : 3846.4/40

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: 15.145 $\pm$ 0.609 χ^2/NDF : 25.2/2

Left: 12.076 $\pm$ 0.398 χ^2/NDF : 139.8/7

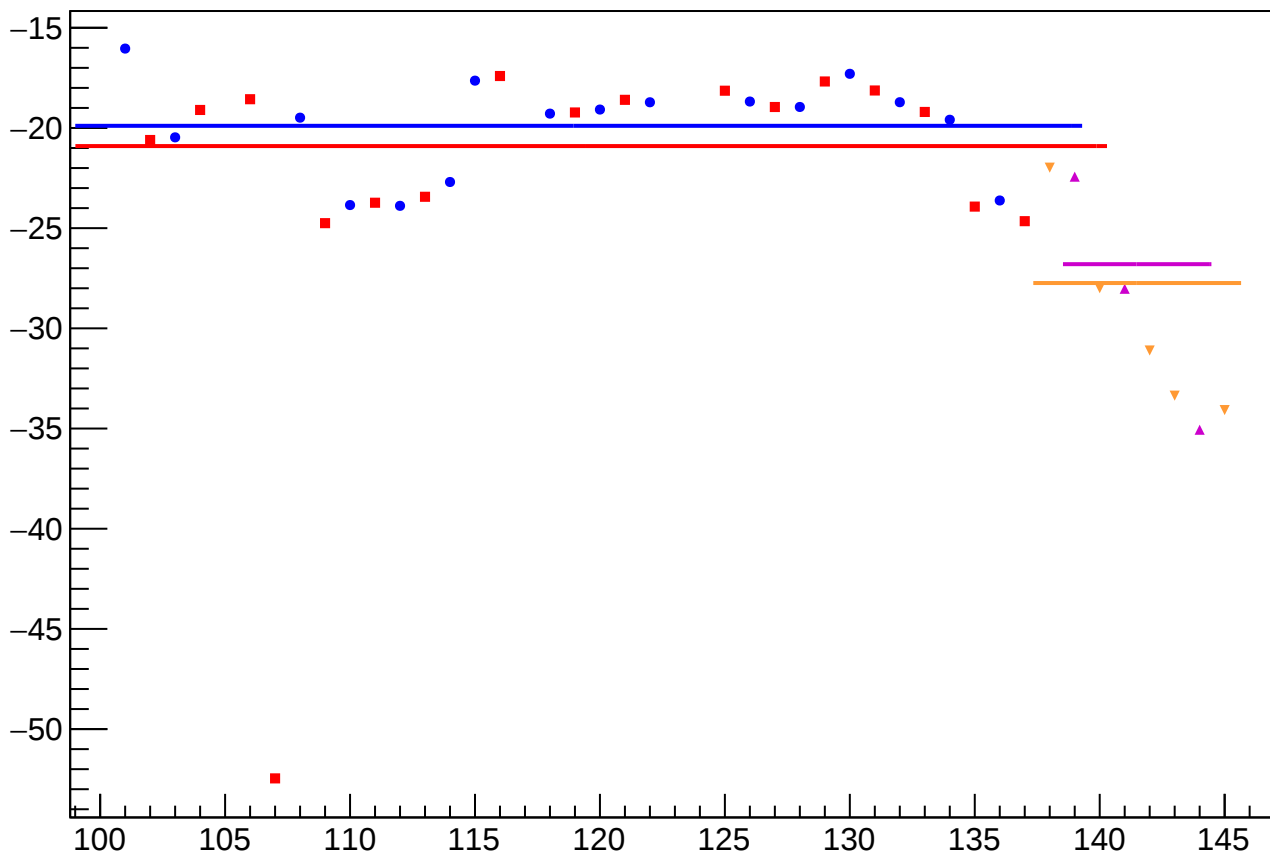
Right: 4.323 $\pm$ 0.180 χ^2/NDF : 1124.7/32

In: 6.331 $\pm$ 0.233 χ^2/NDF : 823.6/18

Out: 4.967 $\pm$ 0.232 χ^2/NDF : 739.0/21

All: 5.648 $\pm$ 0.164 χ^2/NDF : 1579.9/40

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -27.738 ± 0.023 $\chi^2/\text{NDF}: 42187.9/4$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -26.797 ± 0.025 $\chi^2/\text{NDF}: 38710.5/2$

Left: -27.301 ± 0.017 $\chi^2/\text{NDF}: 81670.0/7$

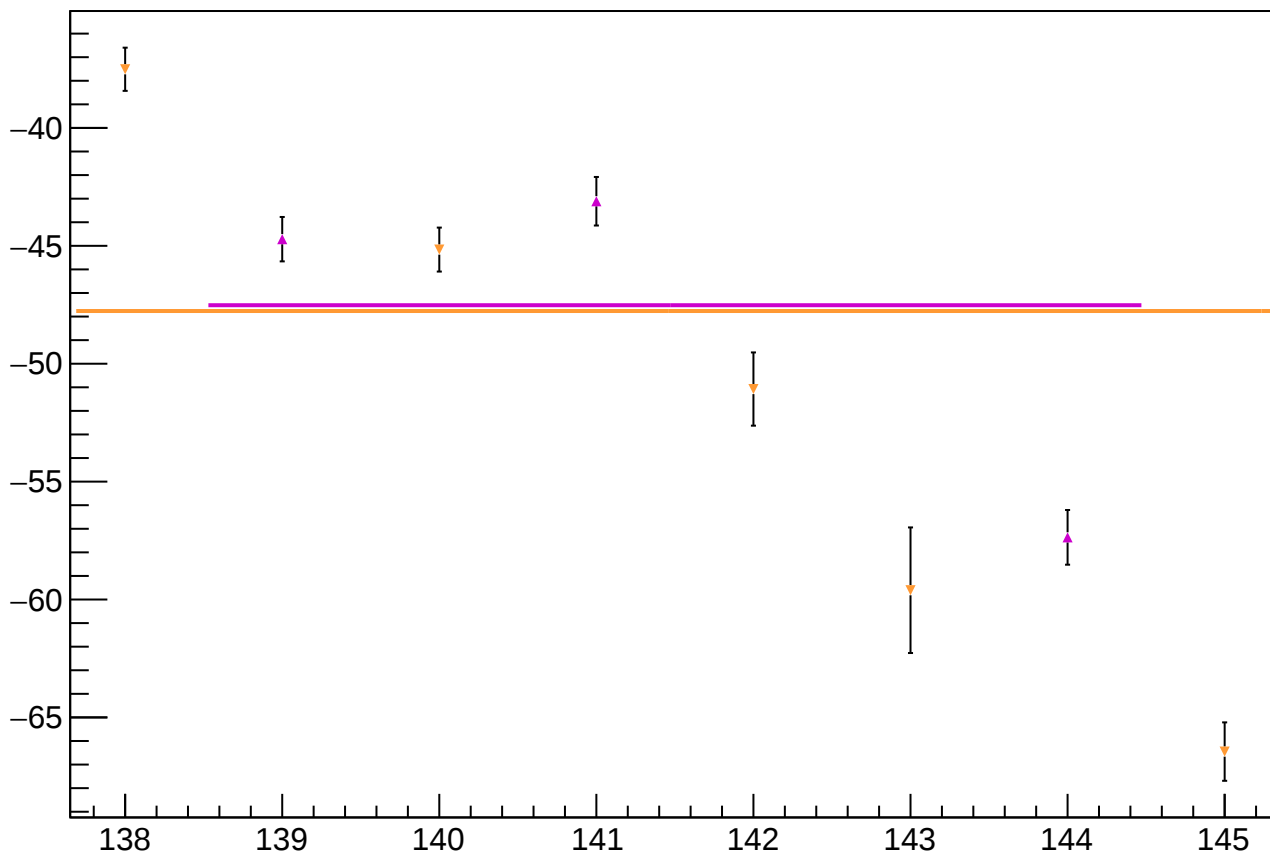
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -21.849 ± 0.013 $\chi^2/\text{NDF}: 120426.5/18$

Out: -23.069 ± 0.013 $\chi^2/\text{NDF}: 194743.7/21$

All: -22.468 ± 0.009 $\chi^2/\text{NDF}: 319502.7/40$

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: -47.519+/-0.596 χ^2/NDF :99.2/2

Left: -47.656+/-0.396 χ^2/NDF : 484.3/7

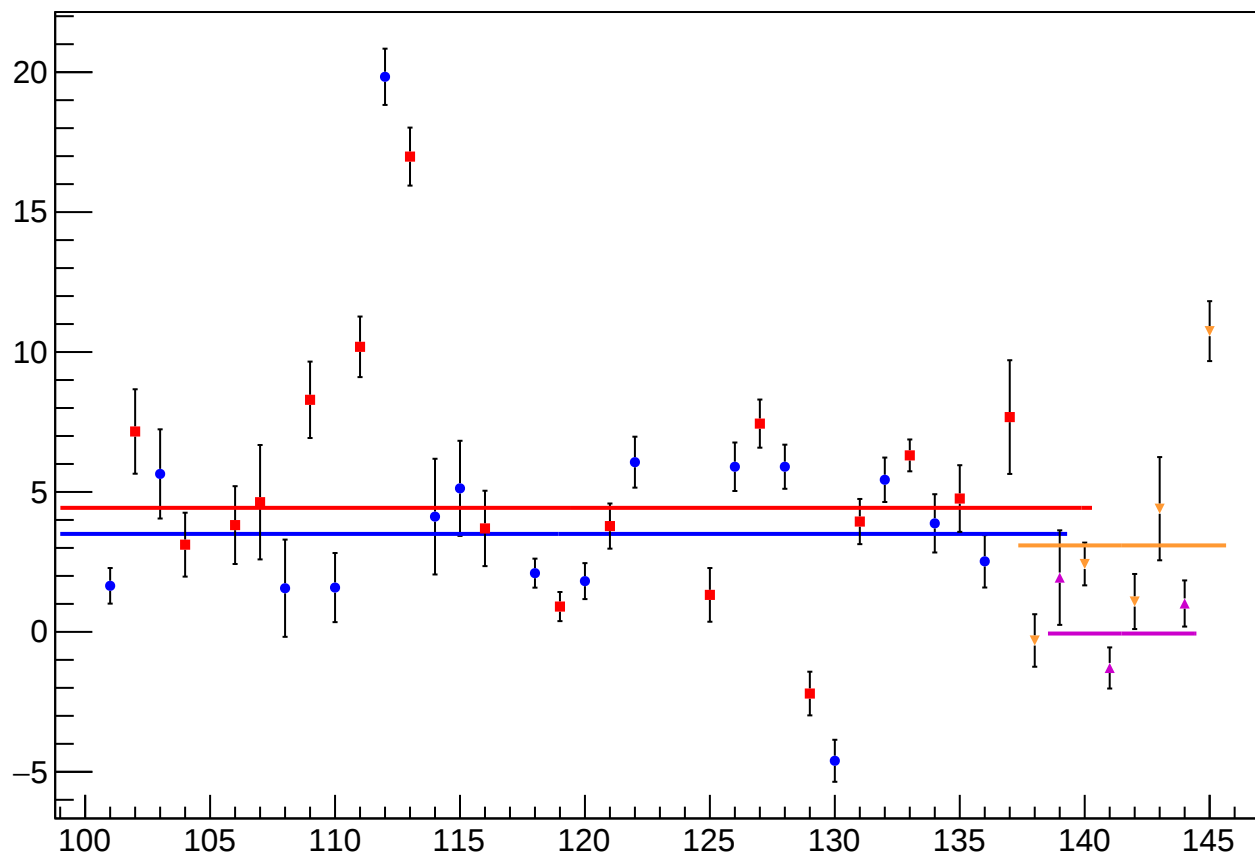
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.519+/-0.596 χ^2/NDF :99.2/2

Out: -47.765+/-0.531 χ^2/NDF :384.9/4

All: -47.656+/-0.396 χ^2/NDF : 484.3/7

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: -0.059 ± 0.522 χ^2/NDF : 5.9/2

Left: 1.764 ± 0.339 χ^2/NDF : 96.6/7

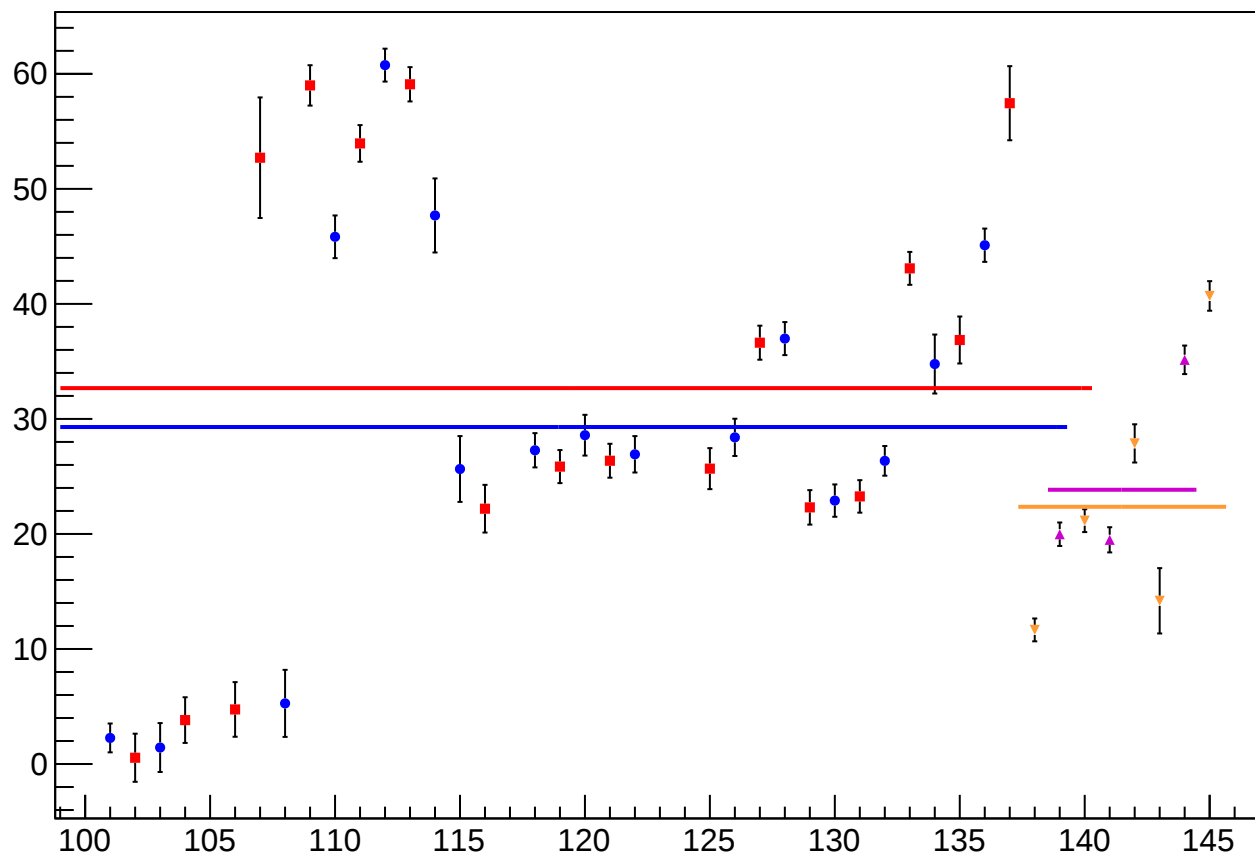
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.974 ± 0.201 χ^2/NDF : 487.5/18

Out: 4.159 ± 0.201 χ^2/NDF : 420.5/21

All: 3.566 ± 0.142 χ^2/NDF : 925.3/40

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: 23.843 $\pm$ 0.640 χ^2 /NDF:113.1/2

Left: 23.013 $\pm$ 0.424 χ^2 /NDF: 456.4/7

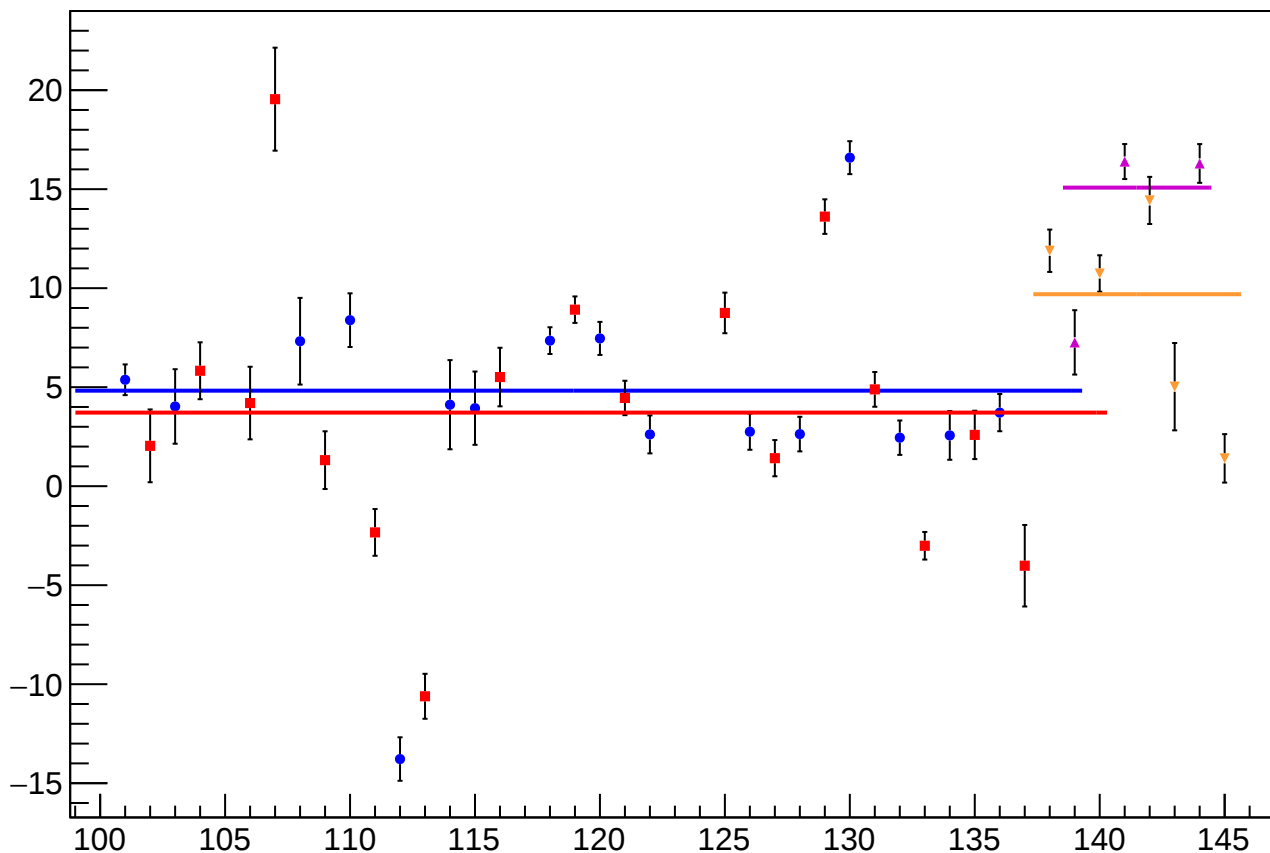
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 27.668 $\pm$ 0.349 χ^2 /NDF:1649.4/18

Out: 28.981 $\pm$ 0.339 χ^2 /NDF:2168.0/21

All: 28.345 $\pm$ 0.243 χ^2 /NDF: 3824.7/40

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.695 $\pm$ 0.525 χ^2 /NDF: 71.7/4

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 15.078 $\pm$ 0.608 χ^2 /NDF: 26.9/2

Left: 11.991 $\pm$ 0.397 χ^2 /NDF: 143.5/7

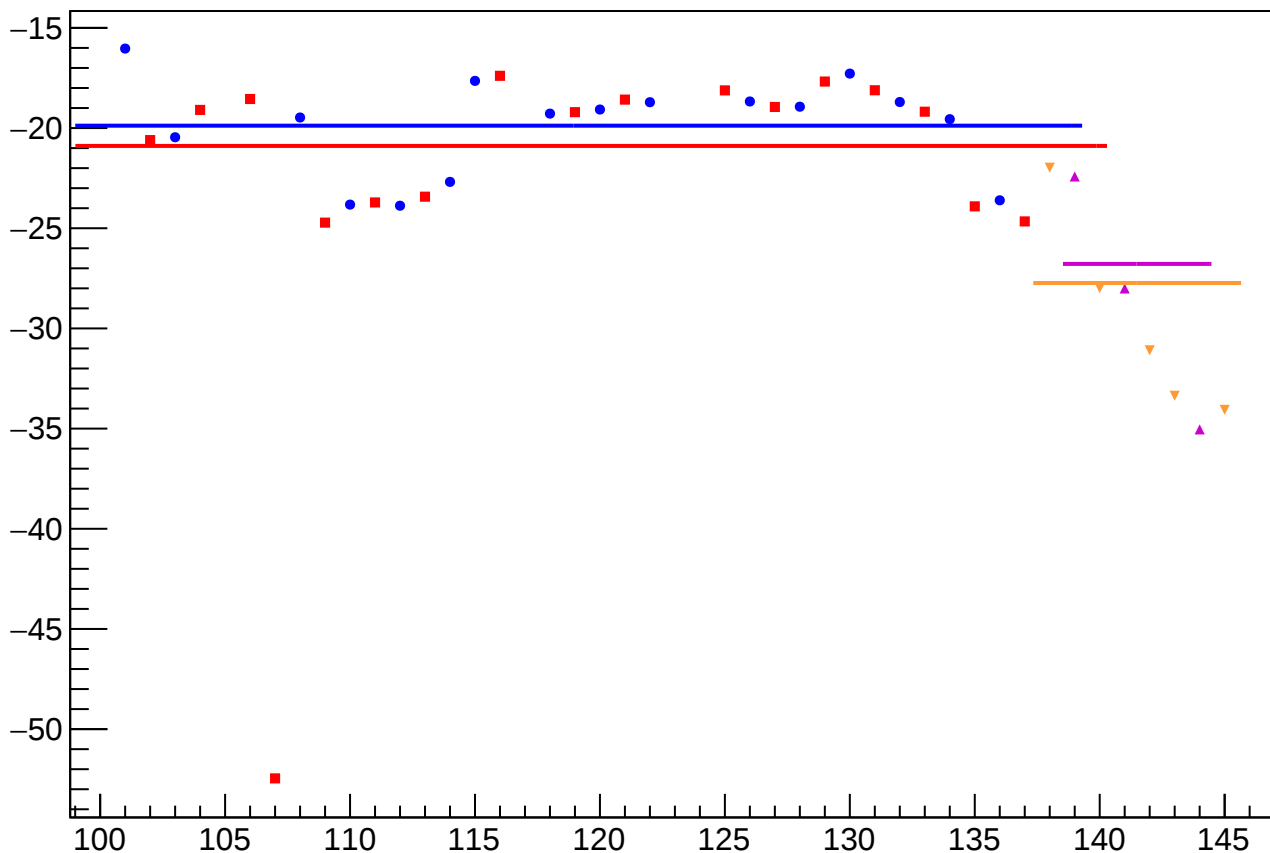
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 6.321 $\pm$ 0.232 χ^2 /NDF: 818.8/18

Out: 4.886 $\pm$ 0.232 χ^2 /NDF: 736.1/21

All: 5.602 $\pm$ 0.164 χ^2 /NDF: 1573.9/40

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -27.731 ± 0.023 $\chi^2/\text{NDF}: 42157.0/4$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -26.780 ± 0.025 $\chi^2/\text{NDF}: 38717.6/2$

Left: -27.289 ± 0.017 $\chi^2/\text{NDF}: 81664.1/7$

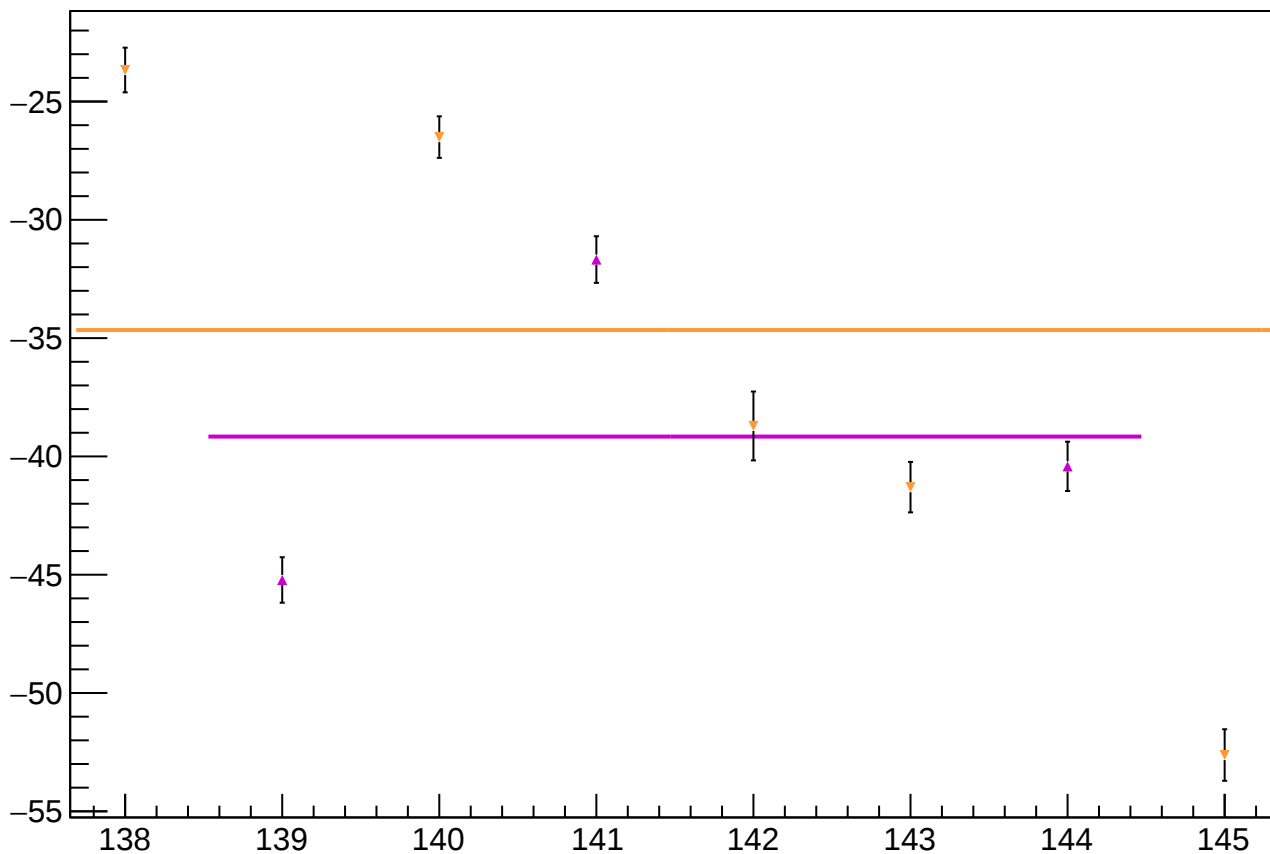
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -21.836 ± 0.013 $\chi^2/\text{NDF}: 120409.6/18$

Out: -23.058 ± 0.013 $\chi^2/\text{NDF}: 194995.6/21$

All: -22.455 ± 0.009 $\chi^2/\text{NDF}: 319757.0/40$

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: -39.161+/-0.574 χ^2/NDF :98.8/2

Left: -36.444+/-0.362 χ^2/NDF : 676.1/7

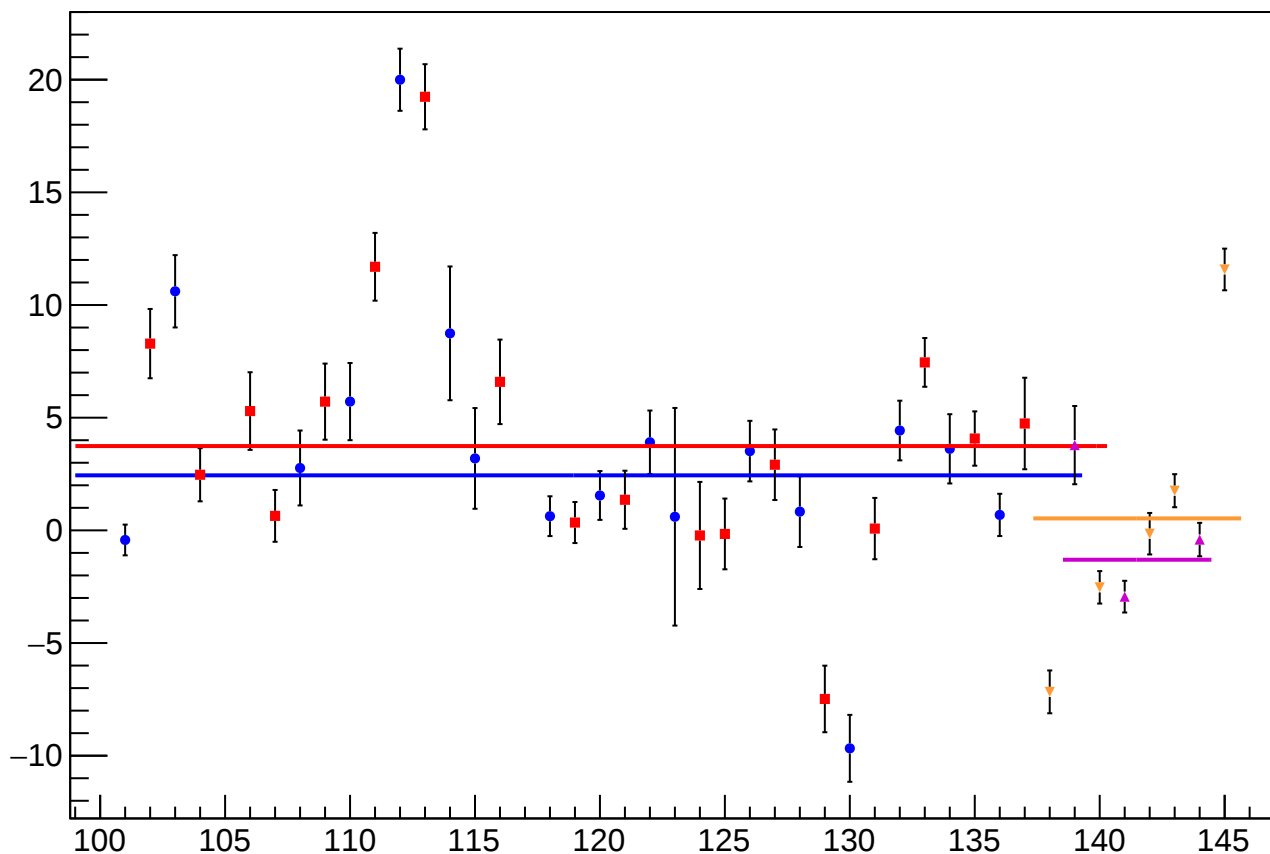
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.161+/-0.574 χ^2/NDF :98.8/2

Out: -34.658+/-0.466 χ^2/NDF :540.1/4

All: -36.444+/-0.362 χ^2/NDF : 676.1/7

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 0.531 ± 0.372 χ^2/NDF : 229.8/4

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: -1.304 ± 0.490 χ^2/NDF : 15.5/2

Left: -0.139 ± 0.296 χ^2/NDF : 254.2/7

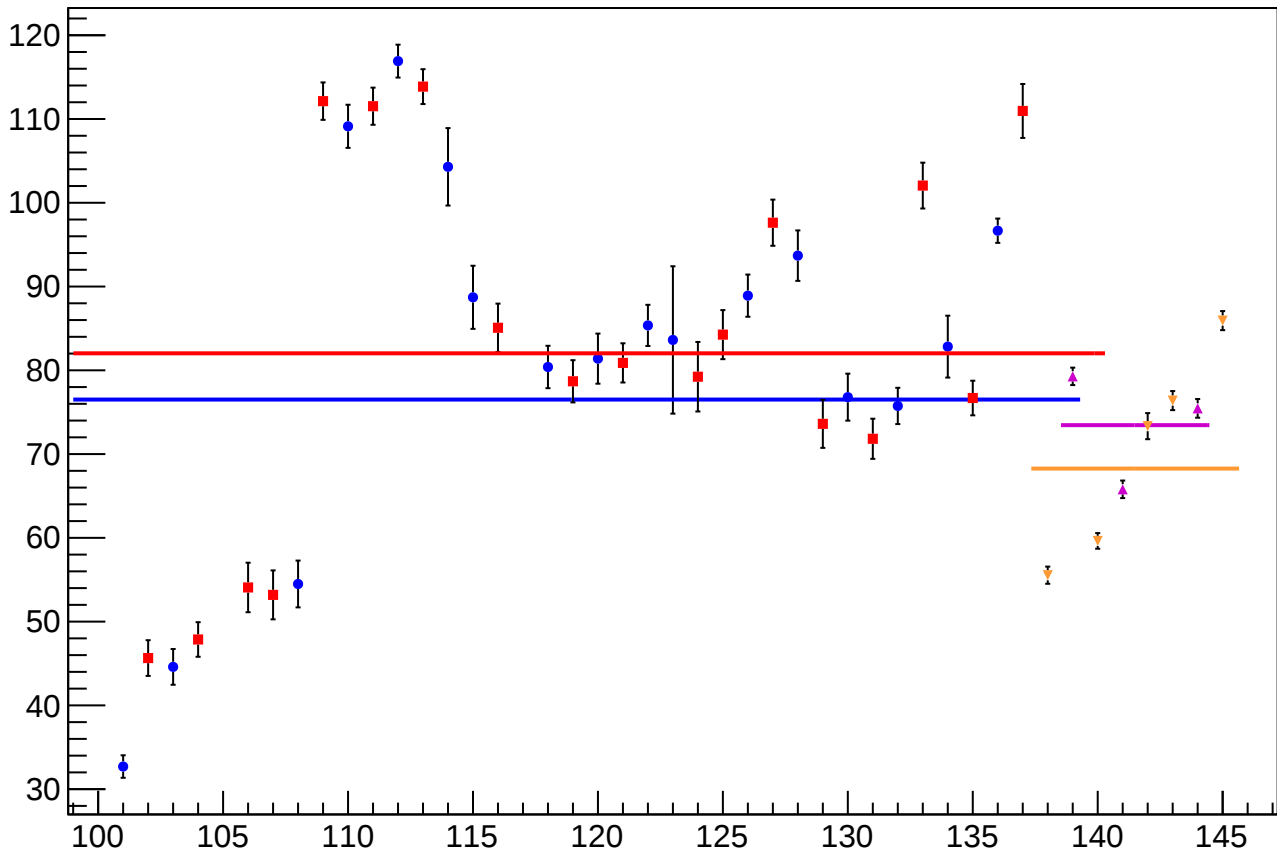
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 1.363 ± 0.263 χ^2/NDF : 351.8/19

Out: 2.341 ± 0.245 χ^2/NDF : 540.0/22

All: 1.886 ± 0.179 χ^2/NDF : 899.3/42

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: 73.454 $\pm$ 0.616 χ^2 /NDF: 88.0/2

Left: 70.313 $\pm$ 0.387 χ^2 /NDF: 673.4/7

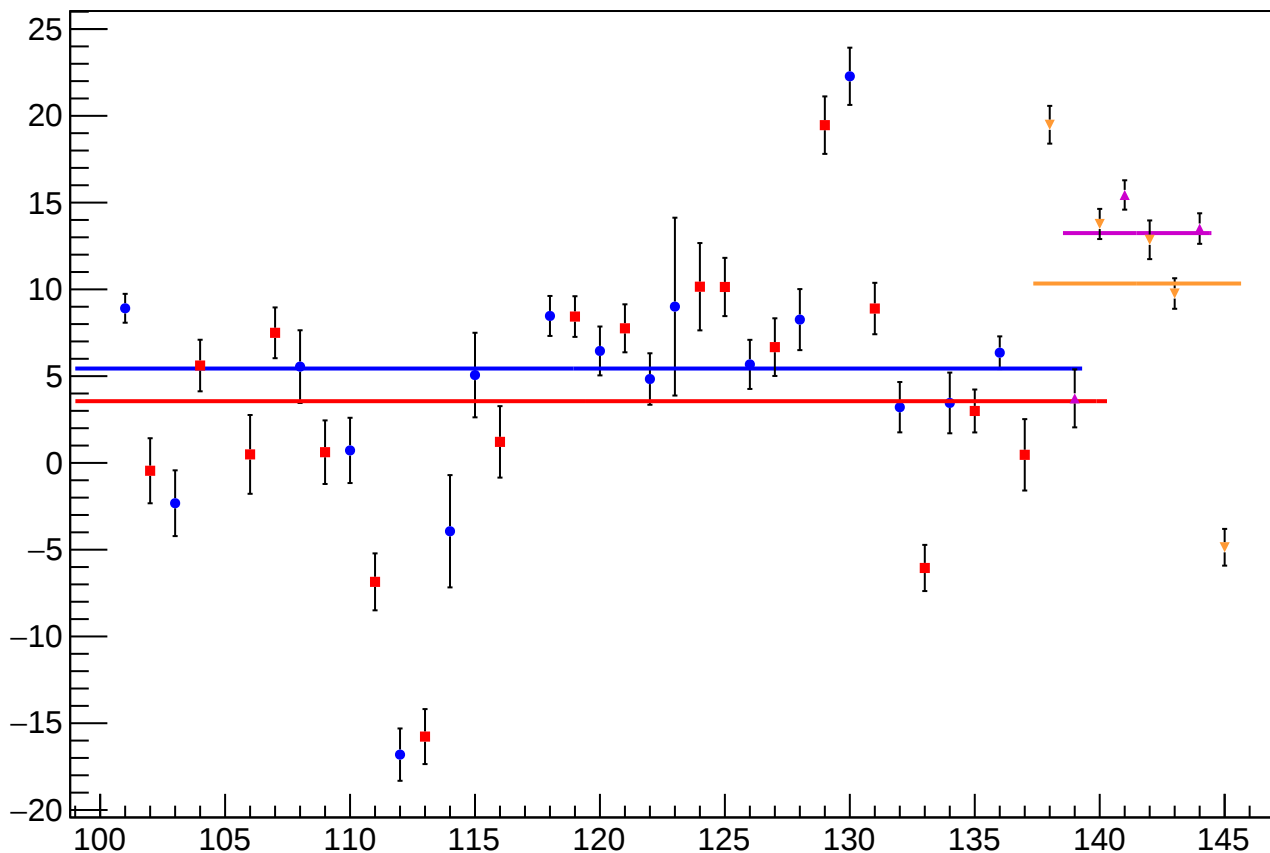
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 75.088 $\pm$ 0.420 χ^2 /NDF: 2352.0/19

Out: 73.945 $\pm$ 0.381 χ^2 /NDF: 2407.1/22

All: 74.461 $\pm$ 0.282 χ^2 /NDF: 4763.3/42

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 10.337 ± 0.440 $\chi^2/\text{NDF}: 297.9/4$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 13.243 ± 0.573 $\chi^2/\text{NDF}: 39.3/2$

Left: 11.416 ± 0.349 $\chi^2/\text{NDF}: 353.4/7$

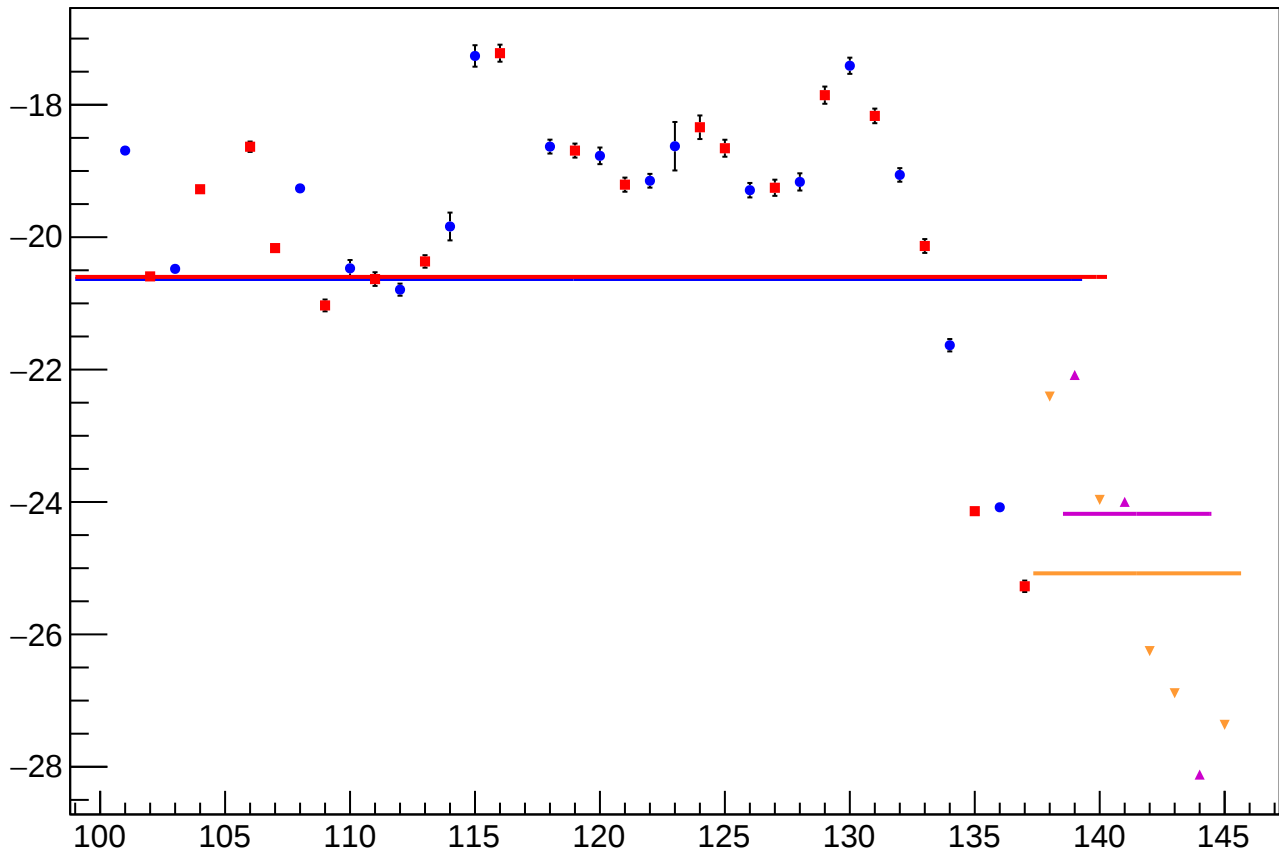
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 7.629 ± 0.303 $\chi^2/\text{NDF}: 559.0/19$

Out: 6.409 ± 0.286 $\chi^2/\text{NDF}: 855.9/22$

All: 6.982 ± 0.208 $\chi^2/\text{NDF}: 1423.4/42$

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: -24.179 $\pm$ 0.024 χ^2 /NDF:9801.3/2

Left: -24.706 $\pm$ 0.016 χ^2 /NDF: 20217.7/7

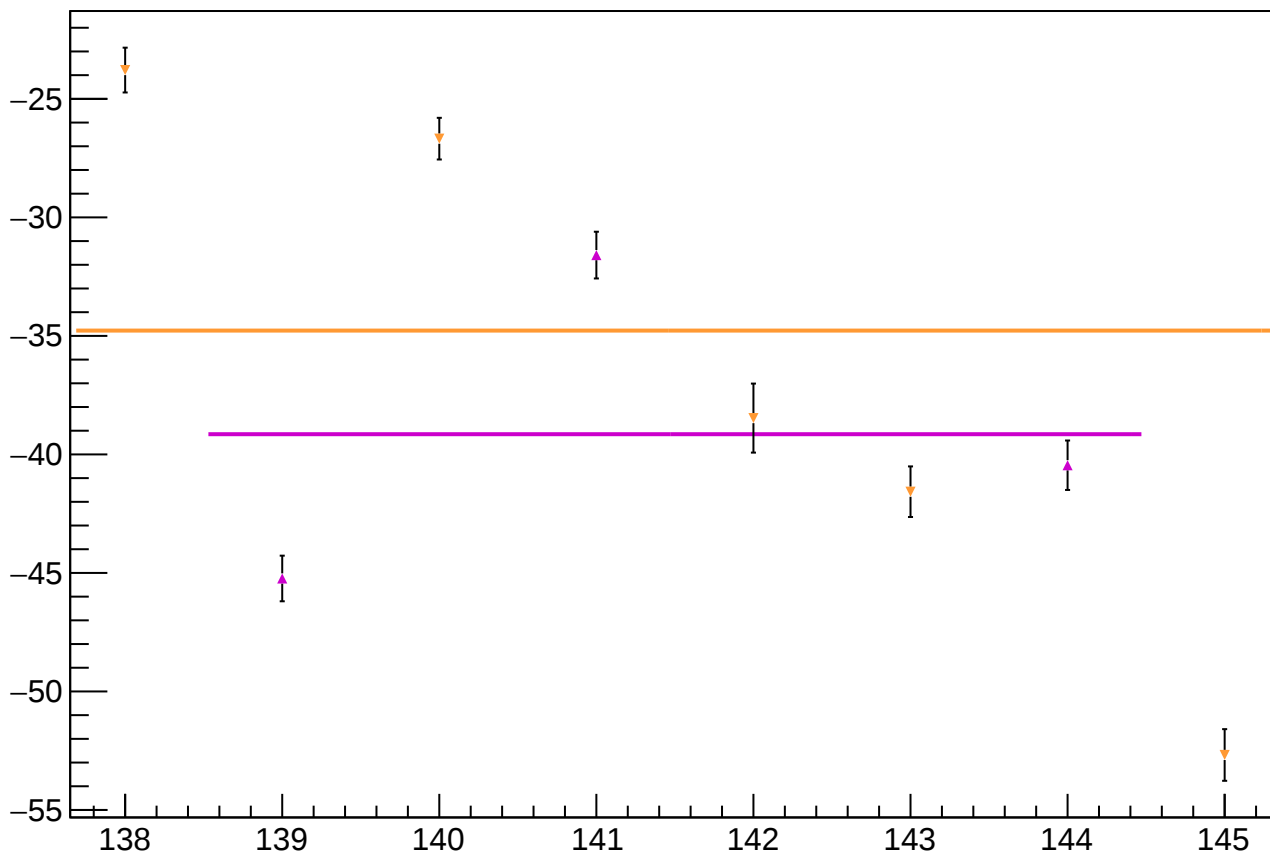
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -22.016 $\pm$ 0.015 χ^2 /NDF:35493.5/19

Out: -22.749 $\pm$ 0.014 χ^2 /NDF:46992.4/22

All: -22.408 $\pm$ 0.010 χ^2 /NDF: 83754.8/42

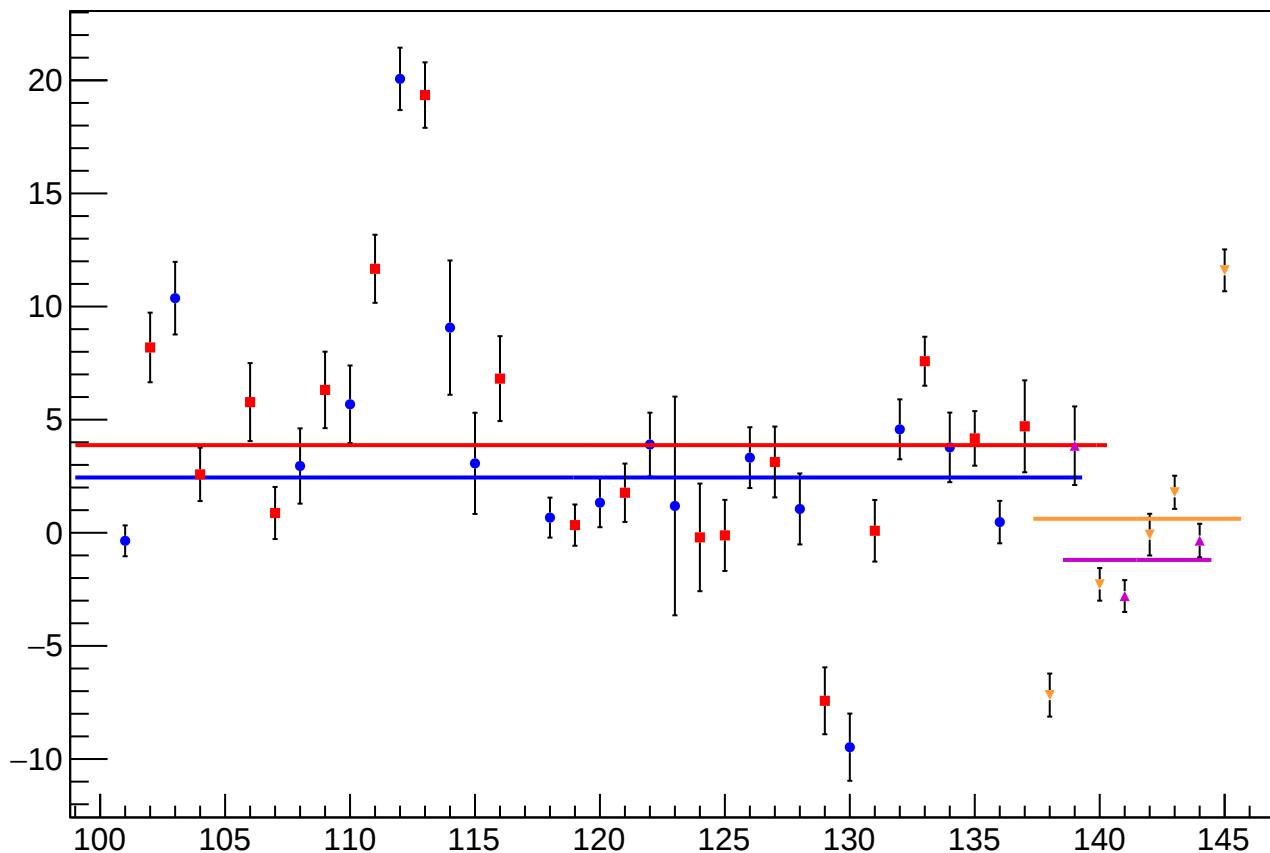
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.775 ± 0.466 χ^2/NDF : 537.0/4
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -39.147 ± 0.575 χ^2/NDF : 100.3/2

Left: -36.509 ± 0.362 χ^2/NDF : 672.3/7
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -39.147 ± 0.575 χ^2/NDF : 100.3/2
 Out: -34.775 ± 0.466 χ^2/NDF : 537.0/4
 All: -36.509 ± 0.362 χ^2/NDF : 672.3/7

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: -1.200 ± 0.490 χ^2/NDF : 14.9/2

Left: -0.046 ± 0.296 χ^2/NDF : 251.1/7

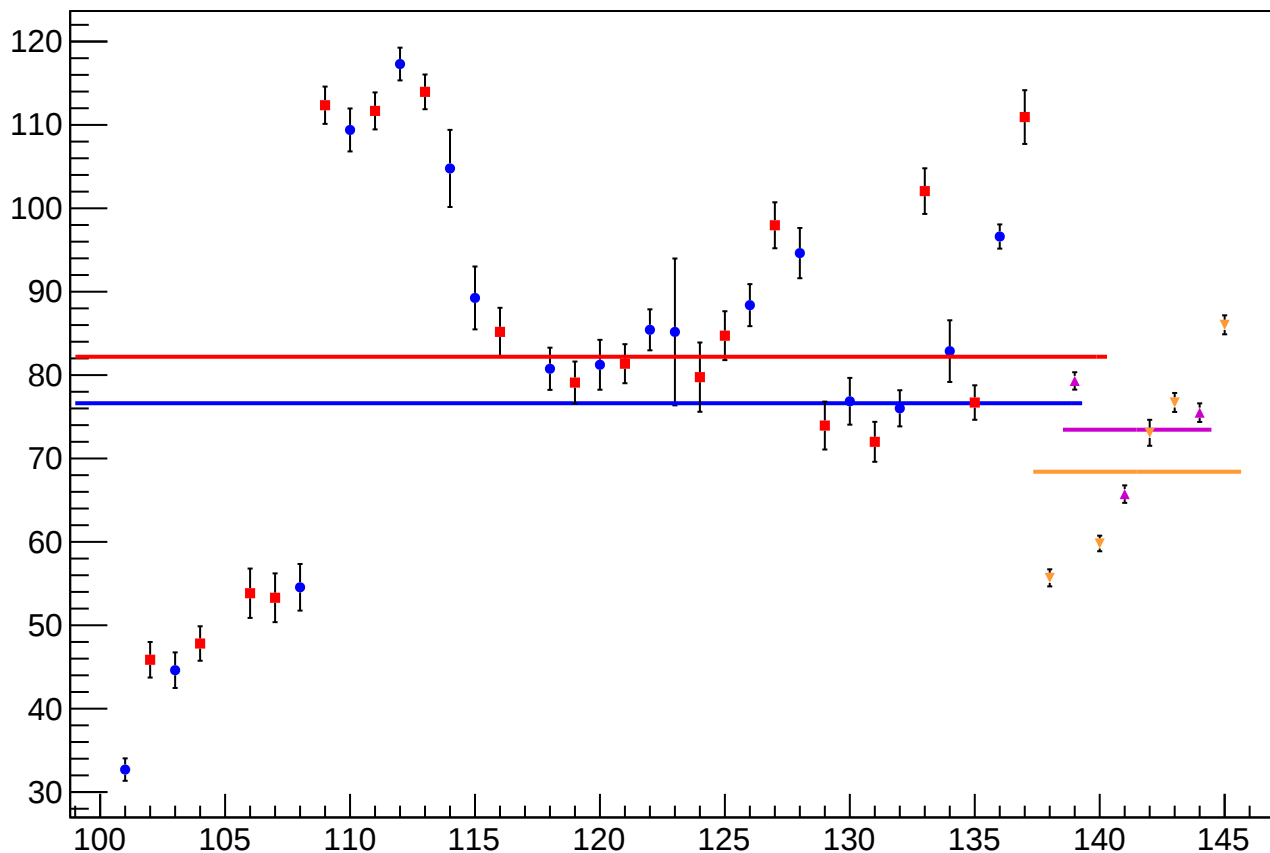
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.395 ± 0.263 χ^2/NDF : 347.0/19

Out: 2.455 ± 0.245 χ^2/NDF : 539.0/22

All: 1.961 ± 0.179 χ^2/NDF : 894.6/42

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: 73.452 $\pm$ 0.616 χ^2 /NDF: 89.2/2

Left: 70.398 $\pm$ 0.387 χ^2 /NDF: 670.4/7

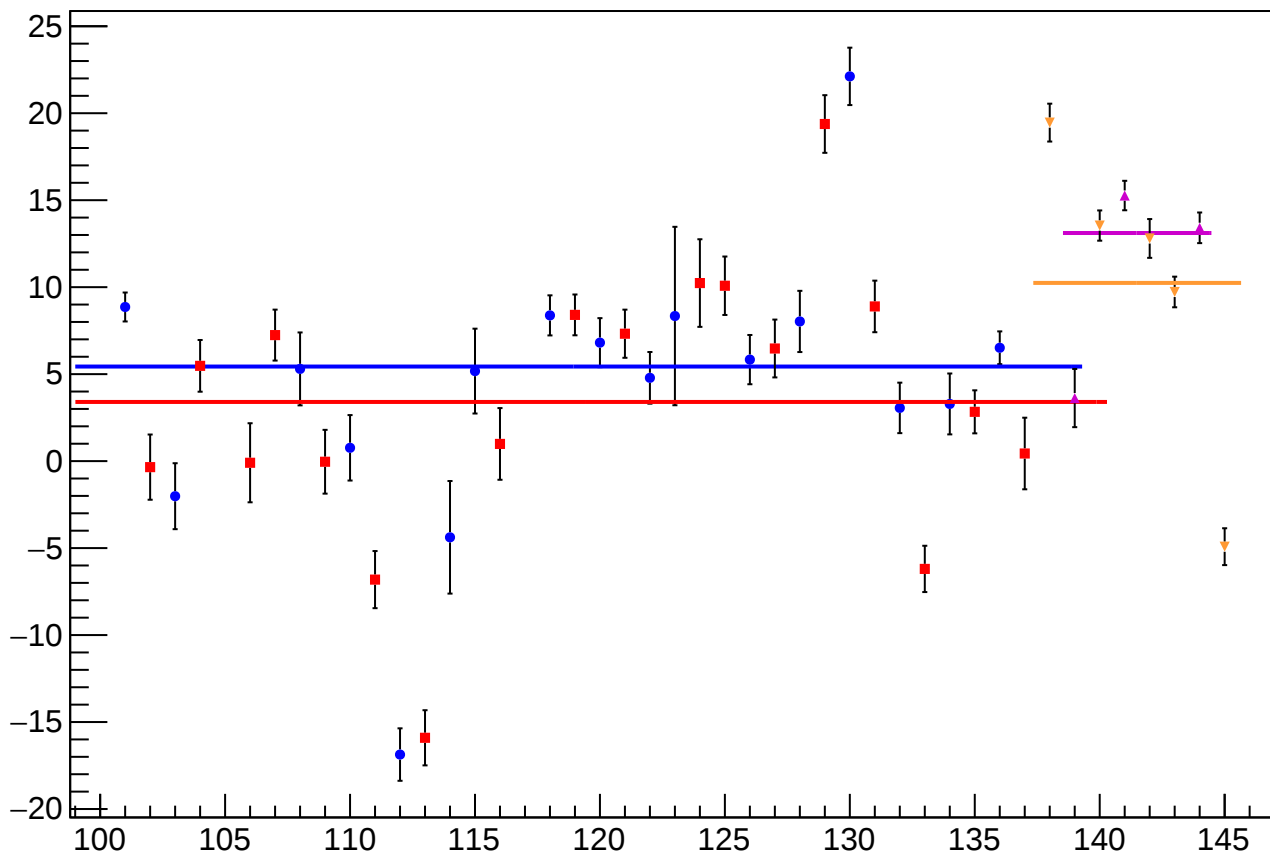
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 75.150 $\pm$ 0.420 χ^2 /NDF: 2366.2/19

Out: 74.100 $\pm$ 0.381 χ^2 /NDF: 2408.6/22

All: 74.573 $\pm$ 0.282 χ^2 /NDF: 4778.2/42

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 10.245 ± 0.441 $\chi^2/\text{NDF}: 296.6/4$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 13.114 ± 0.573 $\chi^2/\text{NDF}: 38.8/2$

Left: 11.310 ± 0.349 $\chi^2/\text{NDF}: 351.1/7$

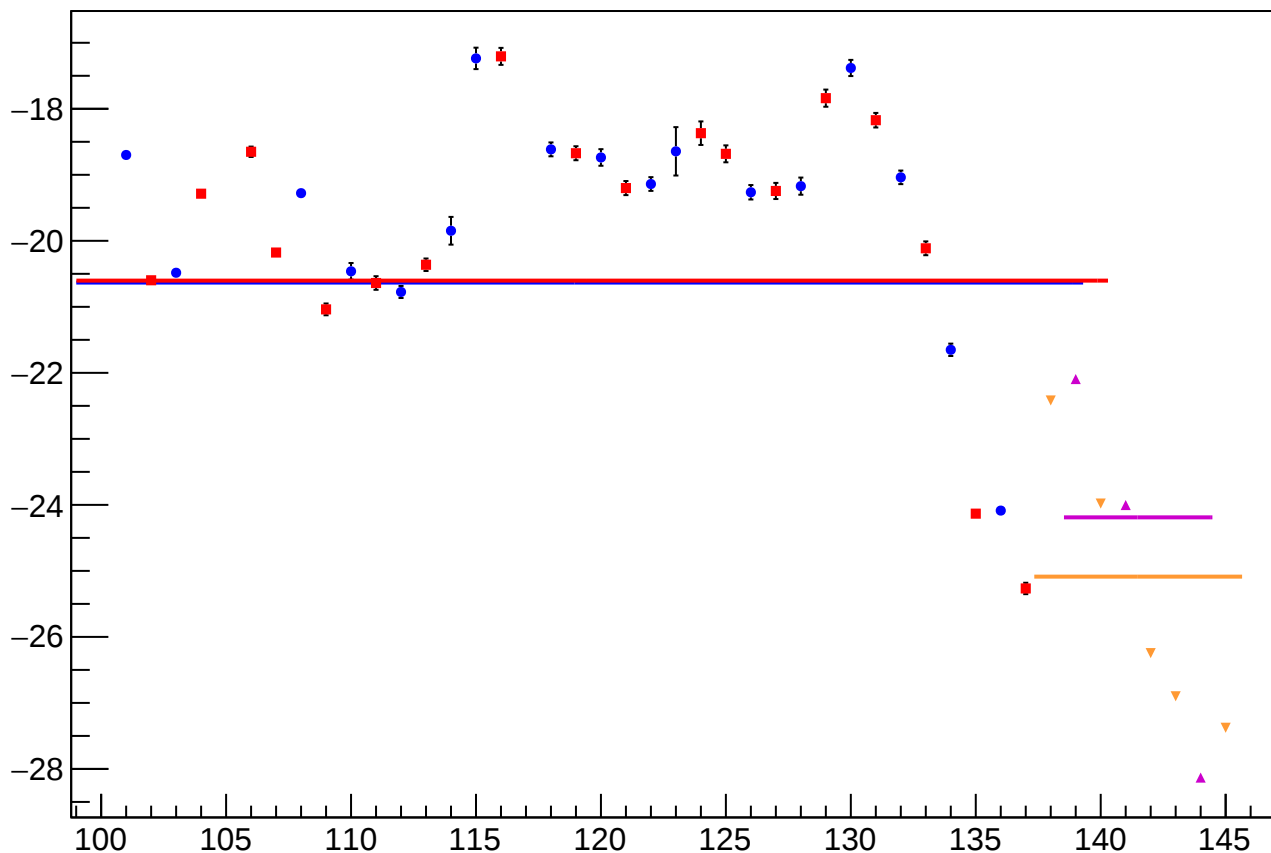
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 7.591 ± 0.304 $\chi^2/\text{NDF}: 552.3/19$

Out: 6.280 ± 0.286 $\chi^2/\text{NDF}: 857.3/22$

All: 6.896 ± 0.208 $\chi^2/\text{NDF}: 1419.4/42$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -25.087 ± 0.020 $\chi^2/\text{NDF}: 9576.3/4$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -24.189 ± 0.024 $\chi^2/\text{NDF}: 9793.5/2$

Left: -24.716 ± 0.016 $\chi^2/\text{NDF}: 20181.5/7$

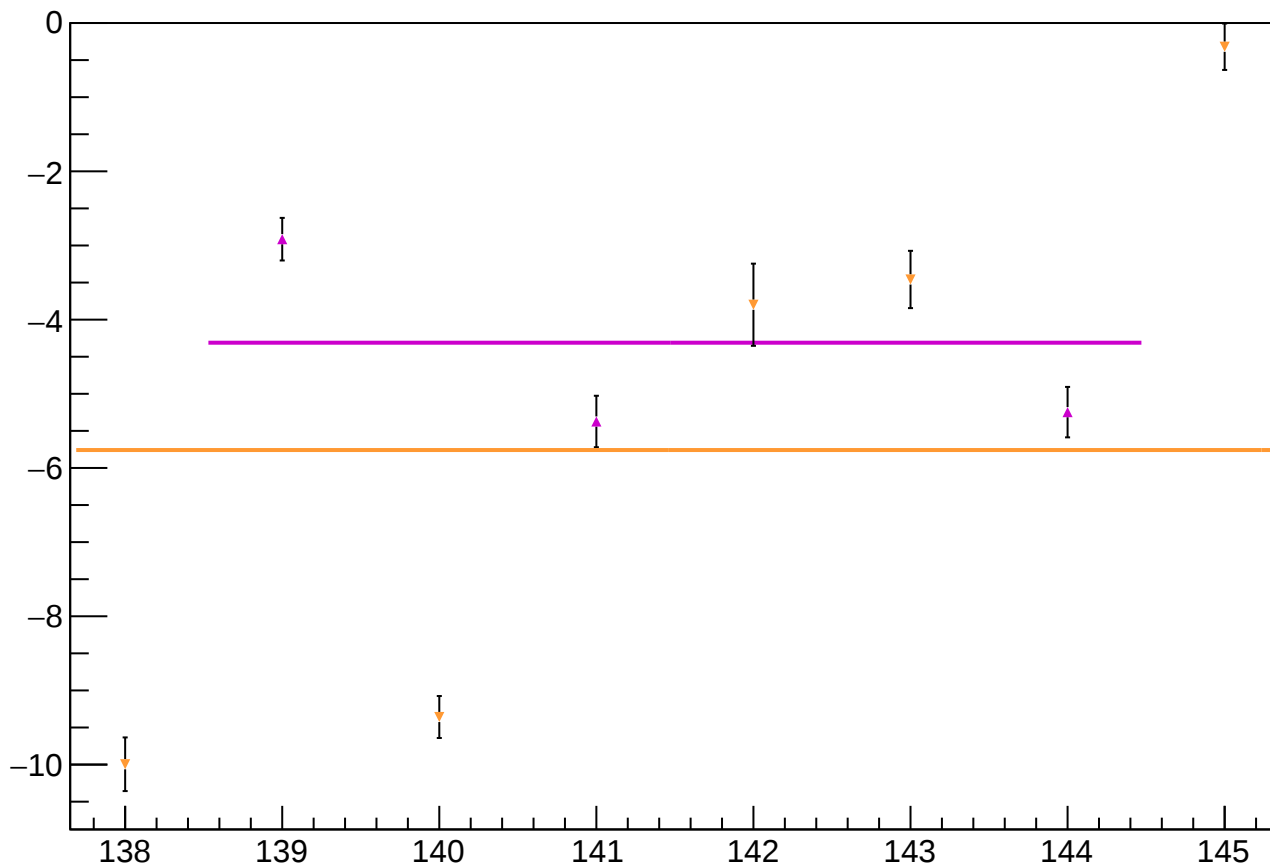
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -22.020 ± 0.015 $\chi^2/\text{NDF}: 35580.8/19$

Out: -22.754 ± 0.014 $\chi^2/\text{NDF}: 46962.7/22$

All: -22.413 ± 0.010 $\chi^2/\text{NDF}: 83814.9/42$

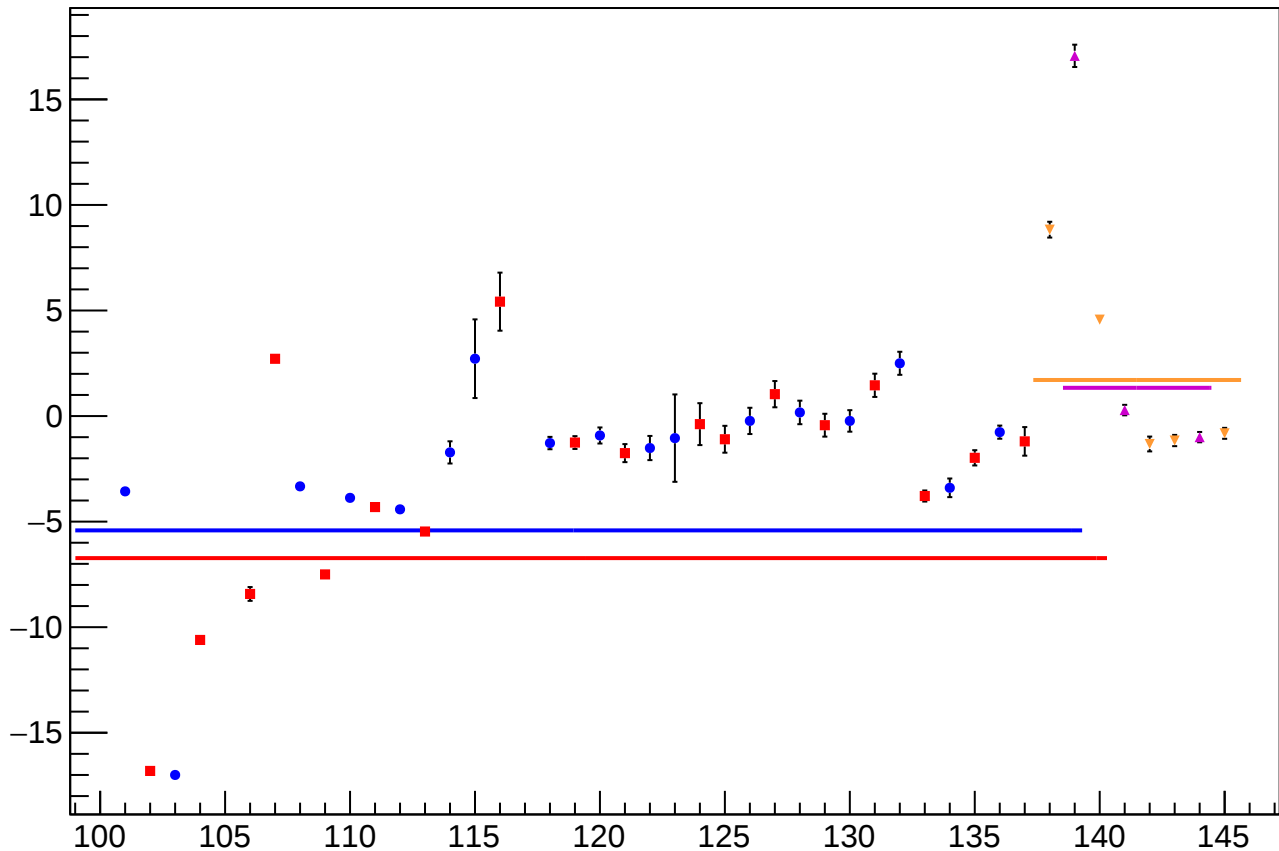
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -4.311+/-0.185 χ^2/NDF : 40.6/2

Left: -5.152+/-0.120 χ^2/NDF : 725.1/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.311+/-0.185 χ^2/NDF : 40.6/2
 Out: -5.758+/-0.158 χ^2/NDF : 649.1/4
 All: -5.152+/-0.120 χ^2/NDF : 725.1/7

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415+/-0.055 χ^2/NDF : 9255.1/16

Left Out: 1.709+/-0.127 χ^2/NDF : 794.7/4

Right Out: -6.729+/-0.060 χ^2/NDF : 11217.0/17

Left In: 1.338+/-0.166 χ^2/NDF : 992.4/2

Left: 1.572+/-0.101 χ^2/NDF : 1790.3/7

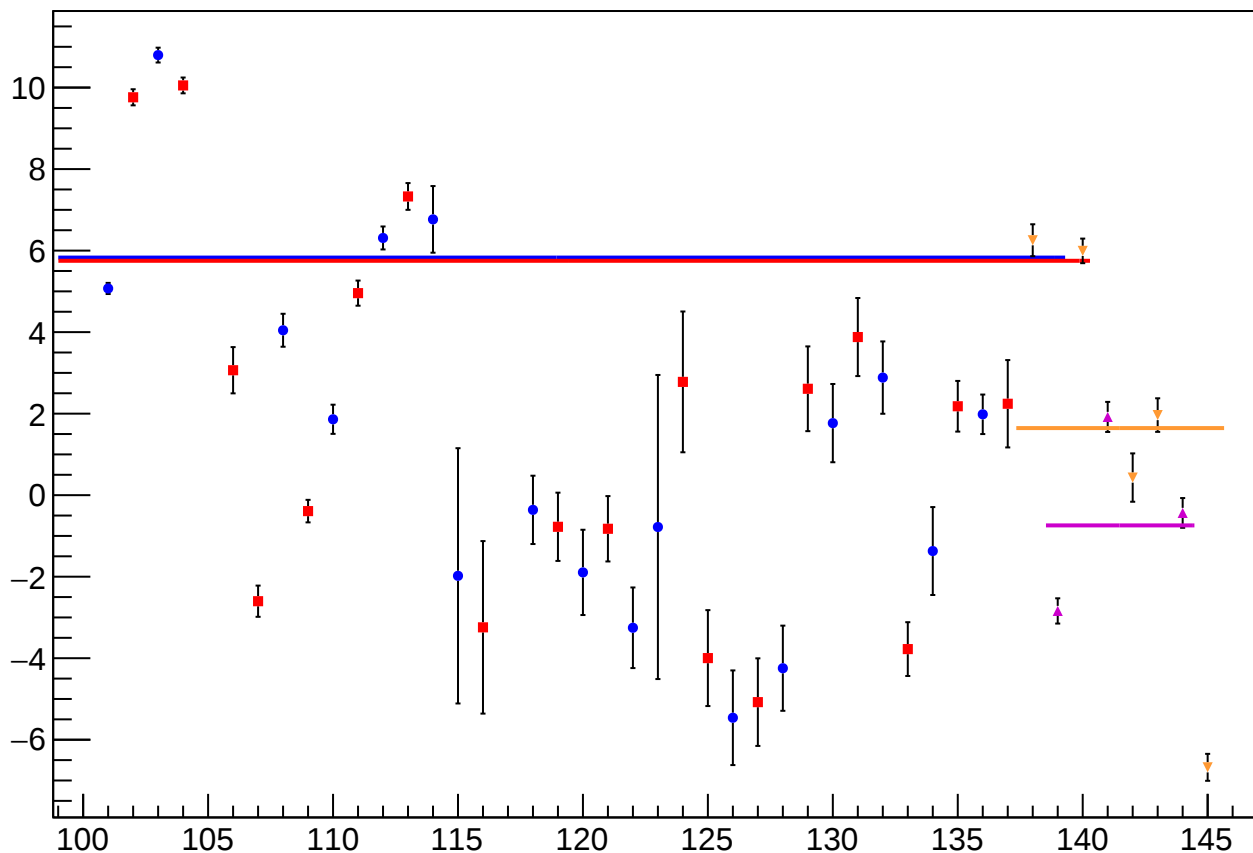
Right: -6.014+/-0.040 χ^2/NDF : 20734.4/34

In: -4.749+/-0.052 χ^2/NDF : 11747.9/19

Out: -5.191+/-0.054 χ^2/NDF : 15637.7/22

All: -4.961+/-0.037 χ^2/NDF : 27420.4/42

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829+/-0.090 χ^2/NDF : 1448.3/16

Left Out: 1.646+/-0.168 χ^2/NDF :984.7/4

Right Out: 5.750+/-0.096 χ^2/NDF : 2511.0/17

Left In: -0.742+/-0.199 χ^2/NDF :98.6/2

Left: 0.651+/-0.128 χ^2/NDF : 1167.4/7

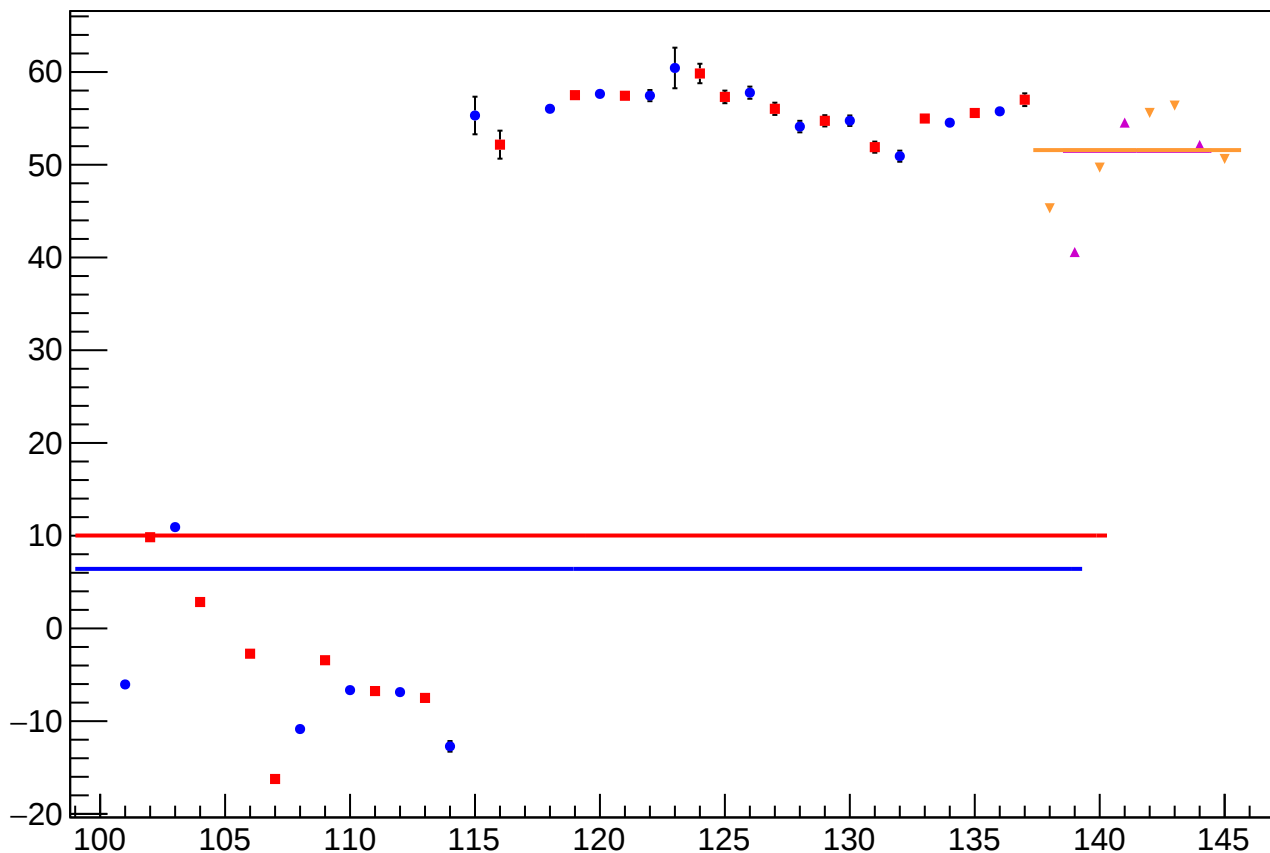
Right: 5.792+/-0.066 χ^2/NDF : 3959.6/34

In: 4.720+/-0.082 χ^2/NDF :2454.0/19

Out: 4.737+/-0.084 χ^2/NDF :3944.7/22

All: 4.728+/-0.058 χ^2/NDF : 6398.7/42

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: 51.499+/-0.192 χ^2/NDF : 566.2/2

Left: 51.550+/-0.118 χ^2/NDF : 1153.9/7

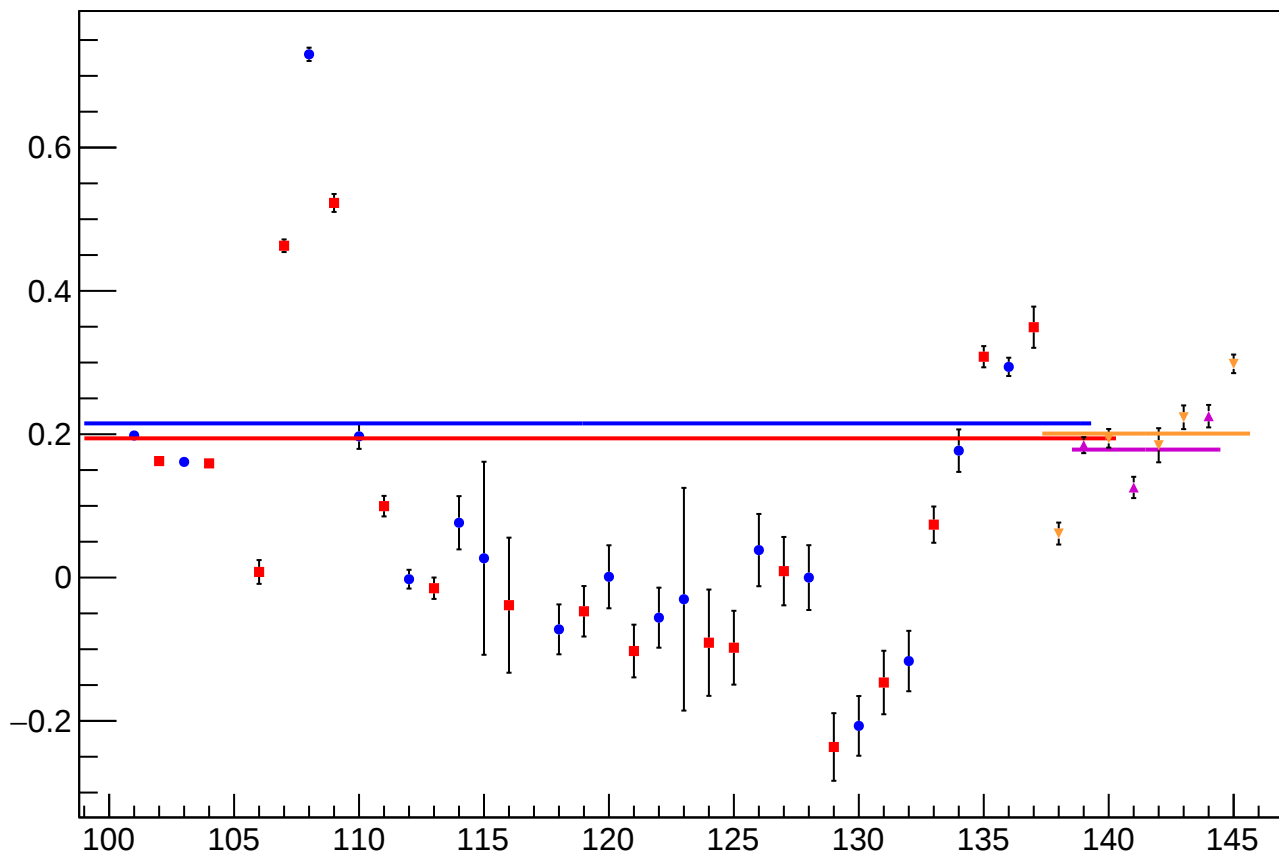
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 11.013+/-0.061 χ^2/NDF : 173071.4/19

Out: 17.608+/-0.064 χ^2/NDF : 185731.5/22

All: 14.174+/-0.044 χ^2/NDF : 364342.7/42

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: 0.179 $\pm$ 0.008 χ^2 /NDF:21.8/2

Left: 0.191 $\pm$ 0.005 χ^2 /NDF: 168.4/7

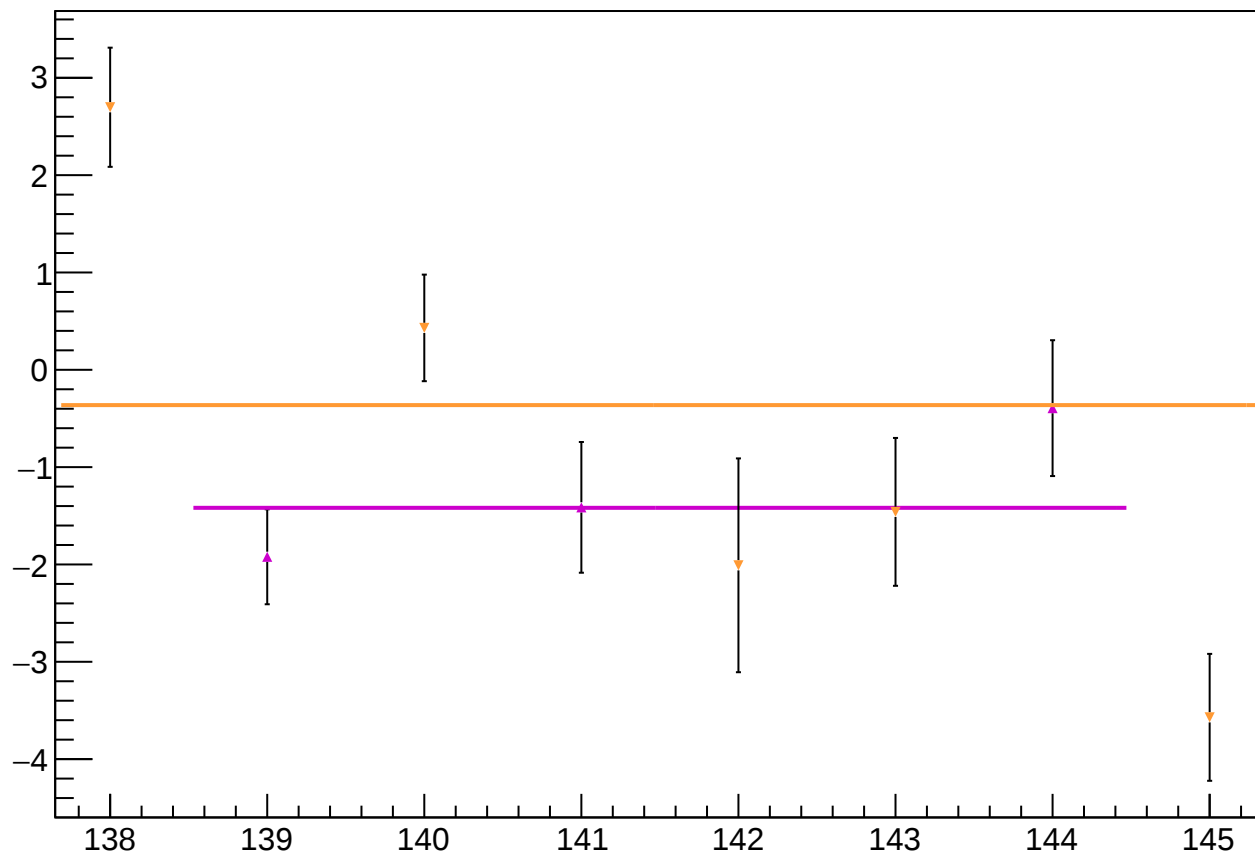
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.211 $\pm$ 0.003 χ^2 /NDF:3968.7/19

Out: 0.195 $\pm$ 0.003 χ^2 /NDF:2662.9/22

All: 0.203 $\pm$ 0.002 χ^2 /NDF: 6650.3/42

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: -1.418 ± 0.344 χ^2/NDF : 3.2/2

Left: -0.824 ± 0.227 χ^2/NDF : 64.2/7

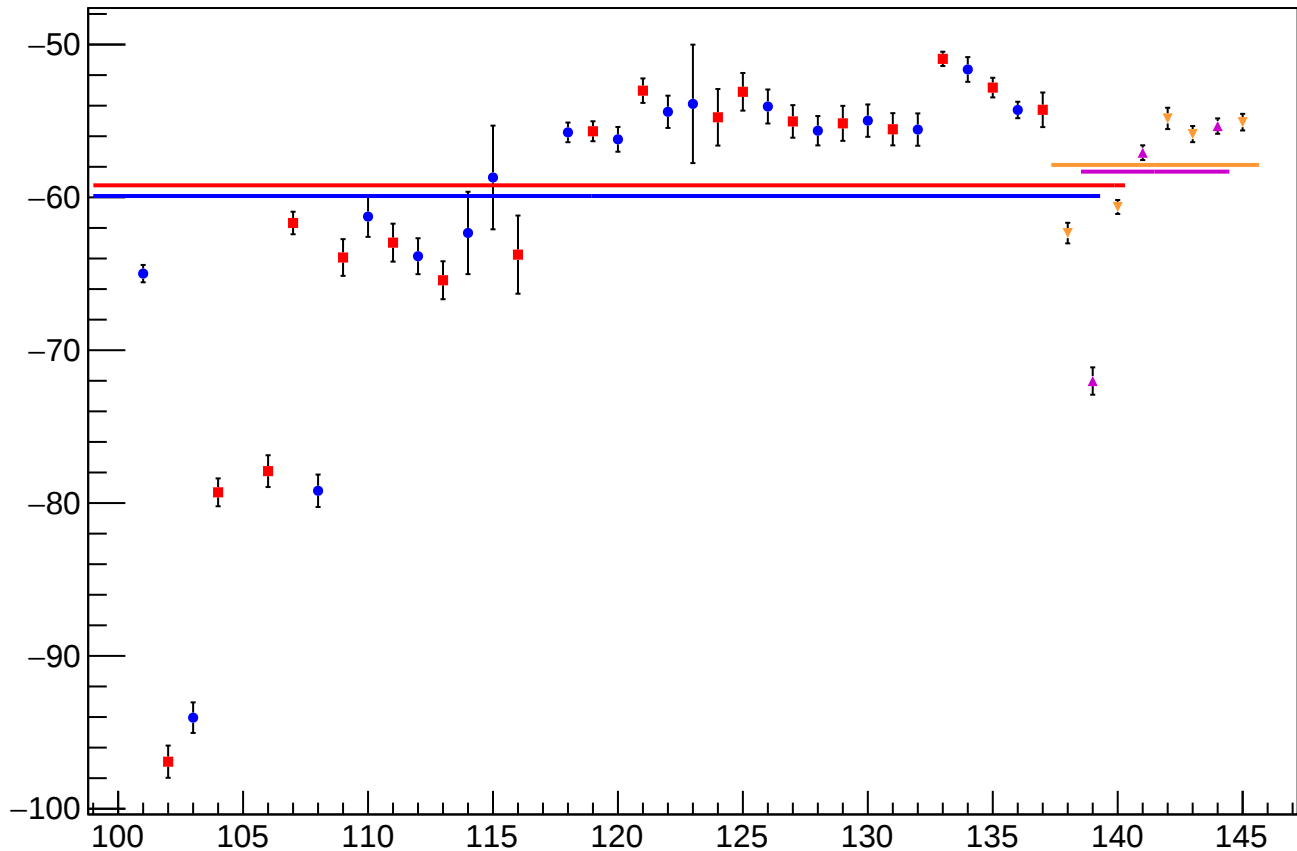
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -1.418 ± 0.344 χ^2/NDF : 3.2/2

Out: -0.363 ± 0.303 χ^2/NDF : 55.6/4

All: -0.824 ± 0.227 χ^2/NDF : 64.2/7

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 $\pm$ 0.223 χ^2 /NDF: 1980.8/16

Left Out: -57.878 $\pm$ 0.250 χ^2 /NDF:140.2/4

Right Out: -59.212 $\pm$ 0.212 χ^2 /NDF: 2742.9/17

Left In: -58.316 $\pm$ 0.325 χ^2 /NDF:276.0/2

Left: -58.041 $\pm$ 0.198 χ^2 /NDF: 417.3/7

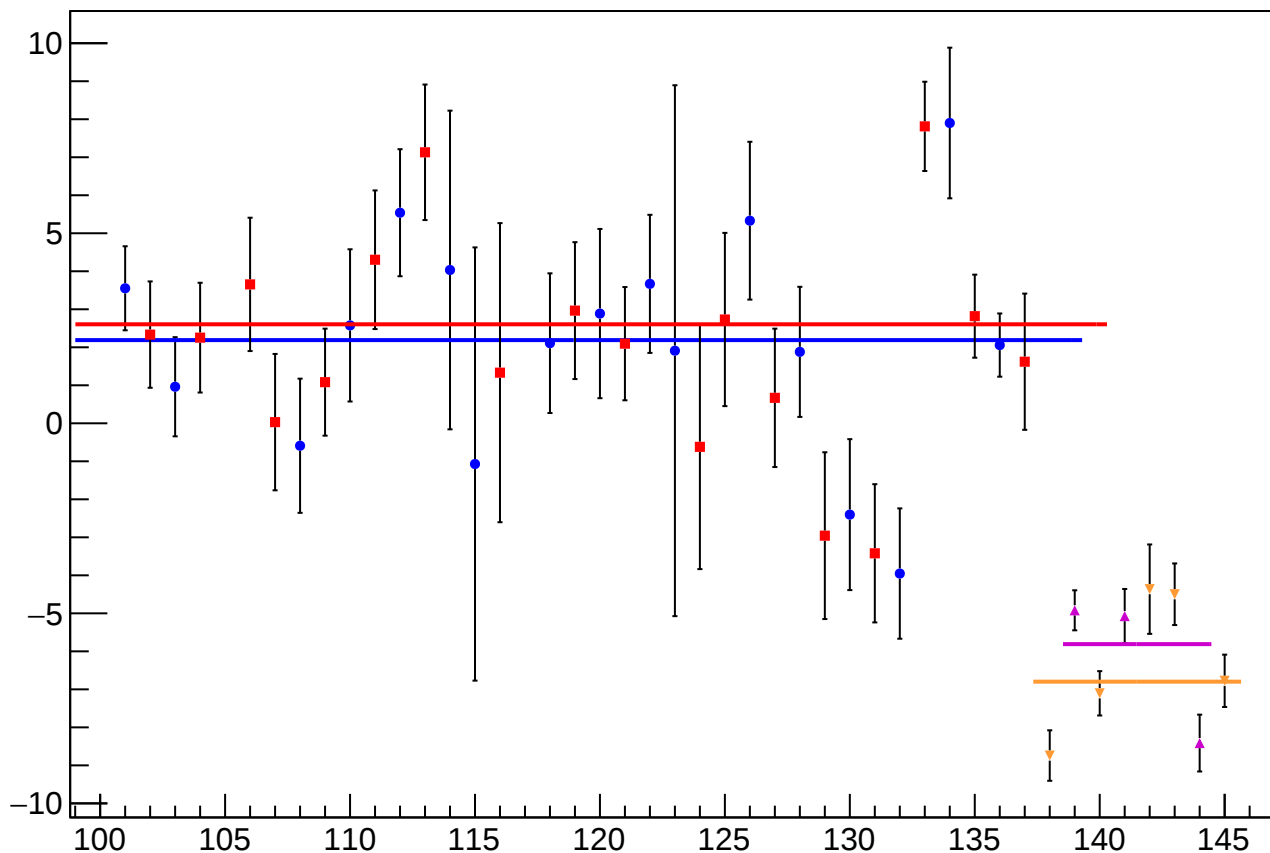
Right: -59.544 $\pm$ 0.154 χ^2 /NDF: 4728.9/34

In: -59.399 $\pm$ 0.184 χ^2 /NDF:2273.2/19

Out: -58.652 $\pm$ 0.162 χ^2 /NDF:2899.6/22

All: -58.978 $\pm$ 0.121 χ^2 /NDF: 5182.1/42

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.797 ± 0.323 $\chi^2/\text{NDF}: 21.2/4$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -5.810 ± 0.369 $\chi^2/\text{NDF}: 16.0/2$

Left: -6.368 ± 0.243 $\chi^2/\text{NDF}: 41.3/7$

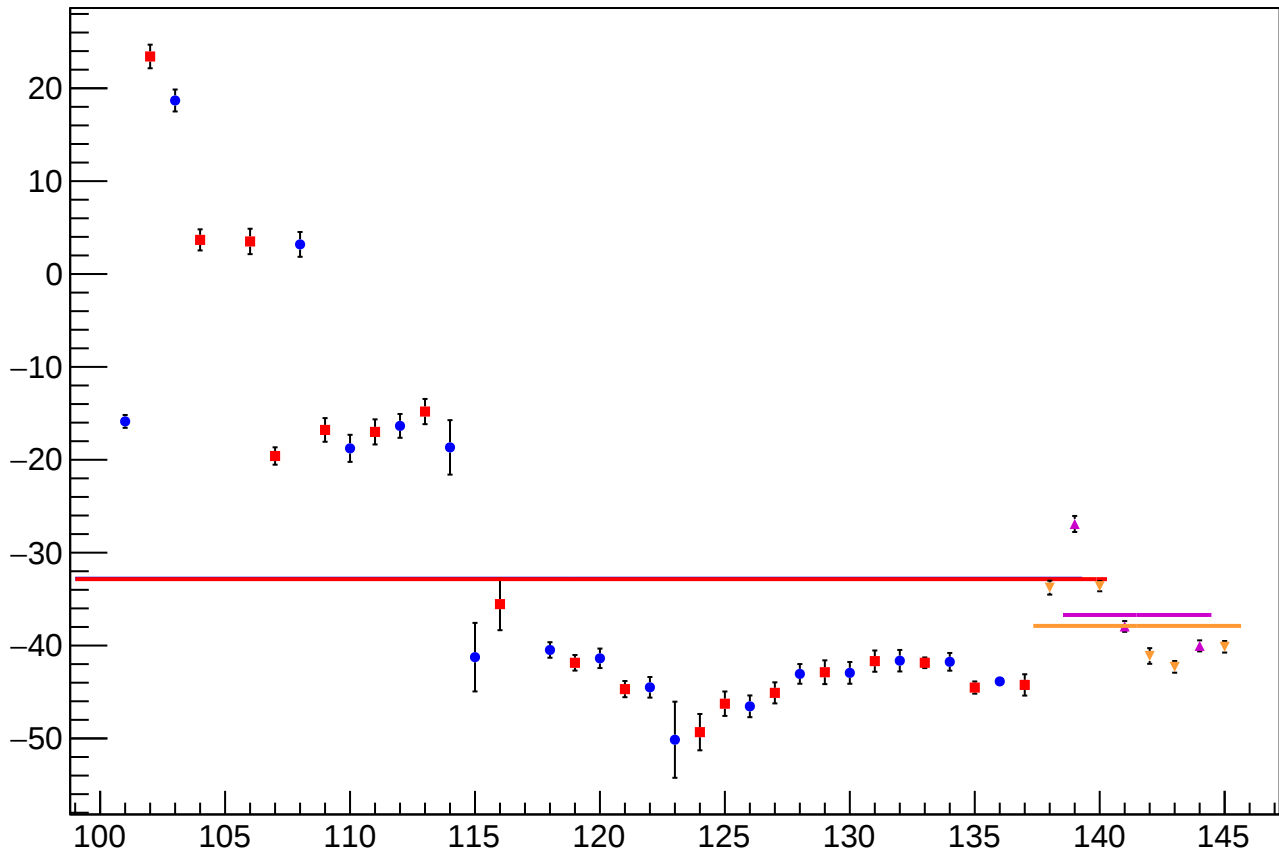
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -2.180 ± 0.273 $\chi^2/\text{NDF}: 268.6/19$

Out: -2.976 ± 0.249 $\chi^2/\text{NDF}: 415.4/22$

All: -2.614 ± 0.184 $\chi^2/\text{NDF}: 688.7/42$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.885 ± 0.294 $\chi^2/\text{NDF}: 167.5/4$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.707 ± 0.373 $\chi^2/\text{NDF}: 164.9/2$

Left: -37.435 ± 0.231 $\chi^2/\text{NDF}: 338.5/7$

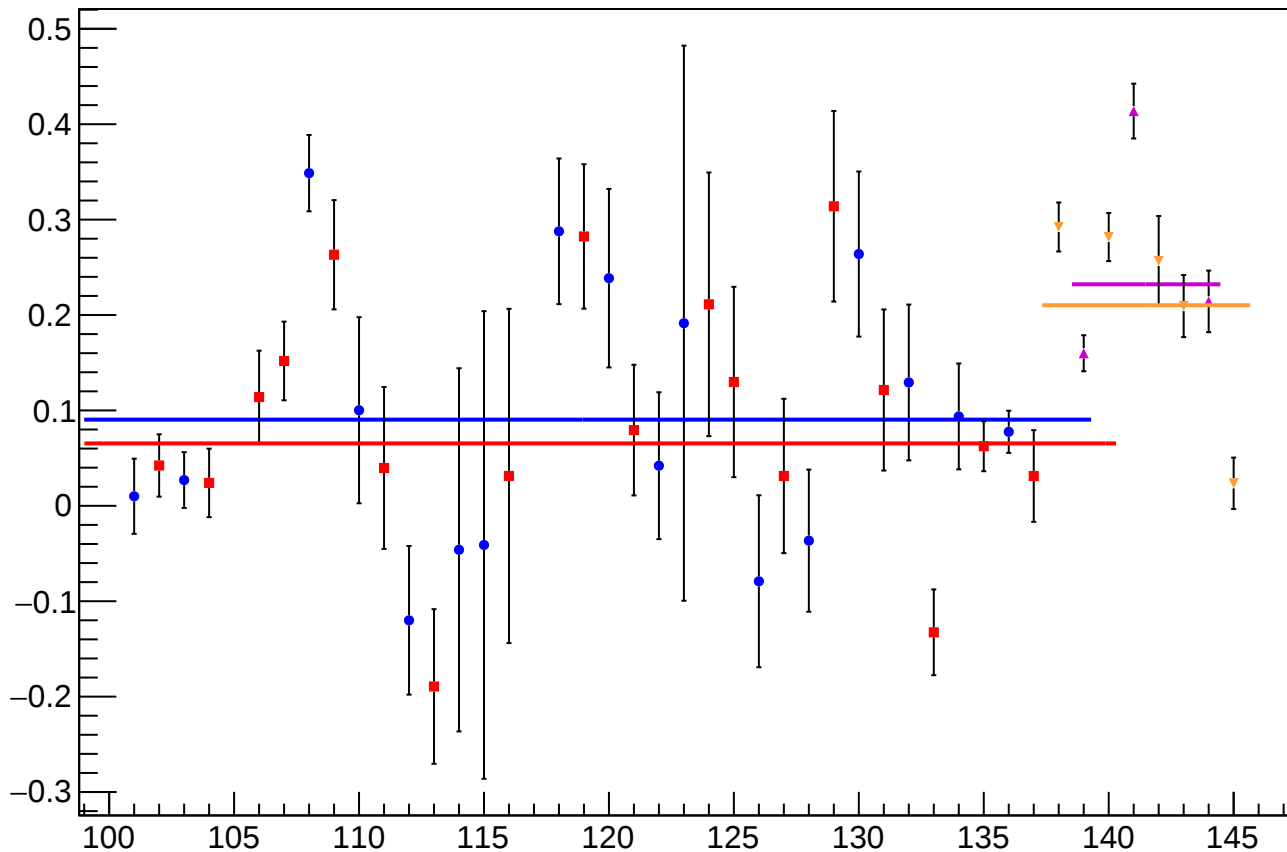
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -34.042 ± 0.210 $\chi^2/\text{NDF}: 4902.2/19$

Out: -34.910 ± 0.188 $\chi^2/\text{NDF}: 6091.5/22$

All: -34.525 ± 0.140 $\chi^2/\text{NDF}: 11003.2/42$

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: 0.232 ± 0.014 $\chi^2/\text{NDF}: 54.9/2$

Left: 0.220 ± 0.010 $\chi^2/\text{NDF}: 123.3/7$

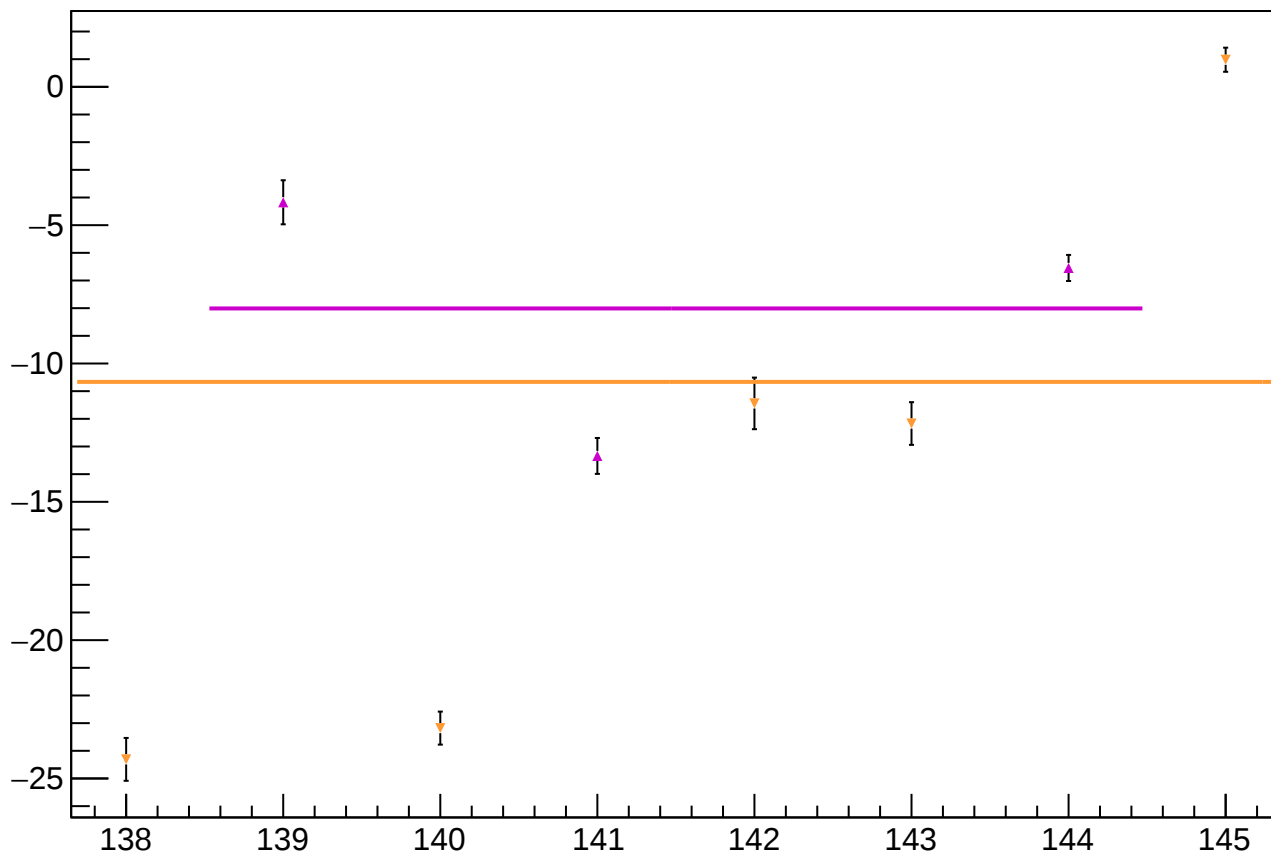
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.154 ± 0.009 $\chi^2/\text{NDF}: 189.7/19$

Out: 0.133 ± 0.009 $\chi^2/\text{NDF}: 198.2/22$

All: 0.143 ± 0.006 $\chi^2/\text{NDF}: 390.4/42$

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: -8.010+/-0.344 χ^2/NDF :100.3/2

Left: -9.597+/-0.218 χ^2/NDF : 1604.0/7

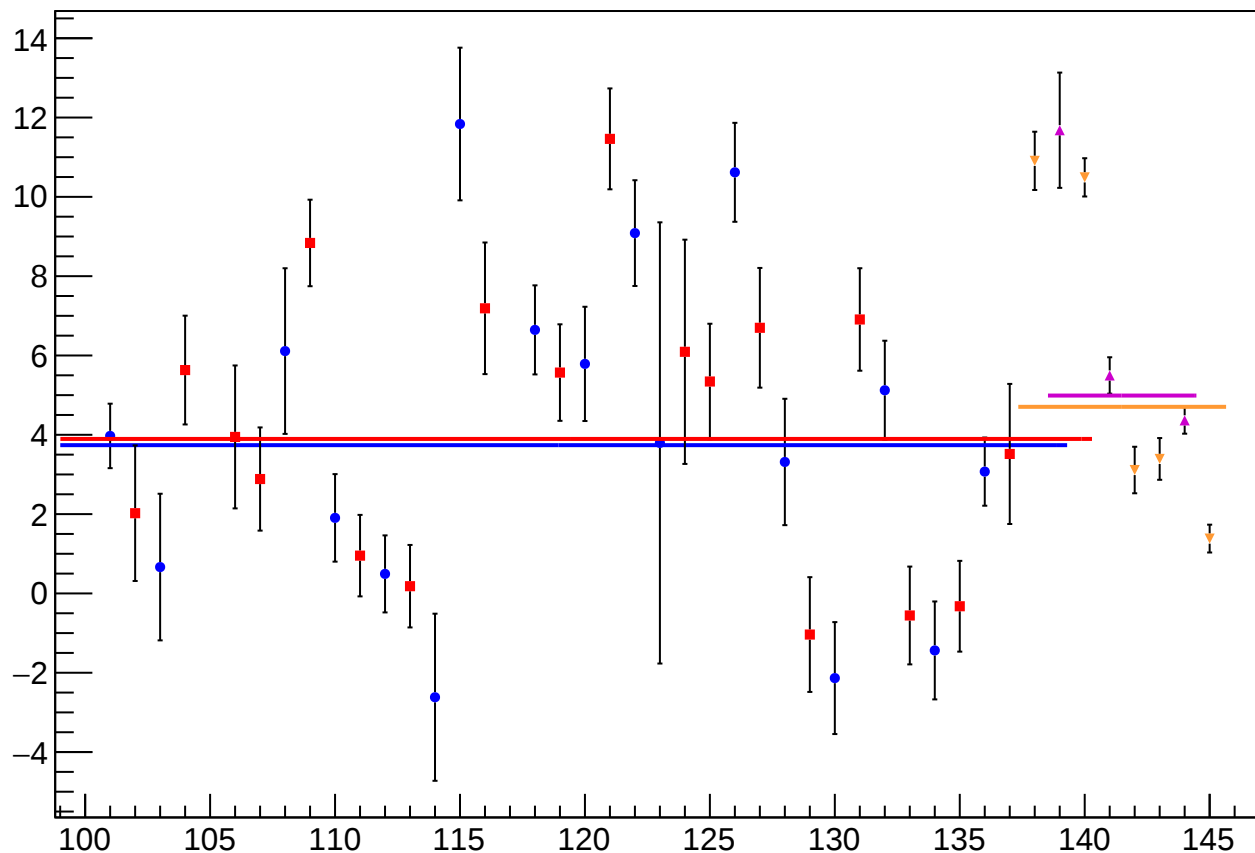
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.010+/-0.344 χ^2/NDF :100.3/2

Out: -10.665+/-0.282 χ^2/NDF :1468.1/4

All: -9.597+/-0.218 χ^2/NDF : 1604.0/7

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 4.705 $\pm$ 0.219 χ^2 /NDF:318.4/4

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 4.990 $\pm$ 0.266 χ^2 /NDF:25.9/2

Left: 4.820 $\pm$ 0.169 χ^2 /NDF: 345.0/7

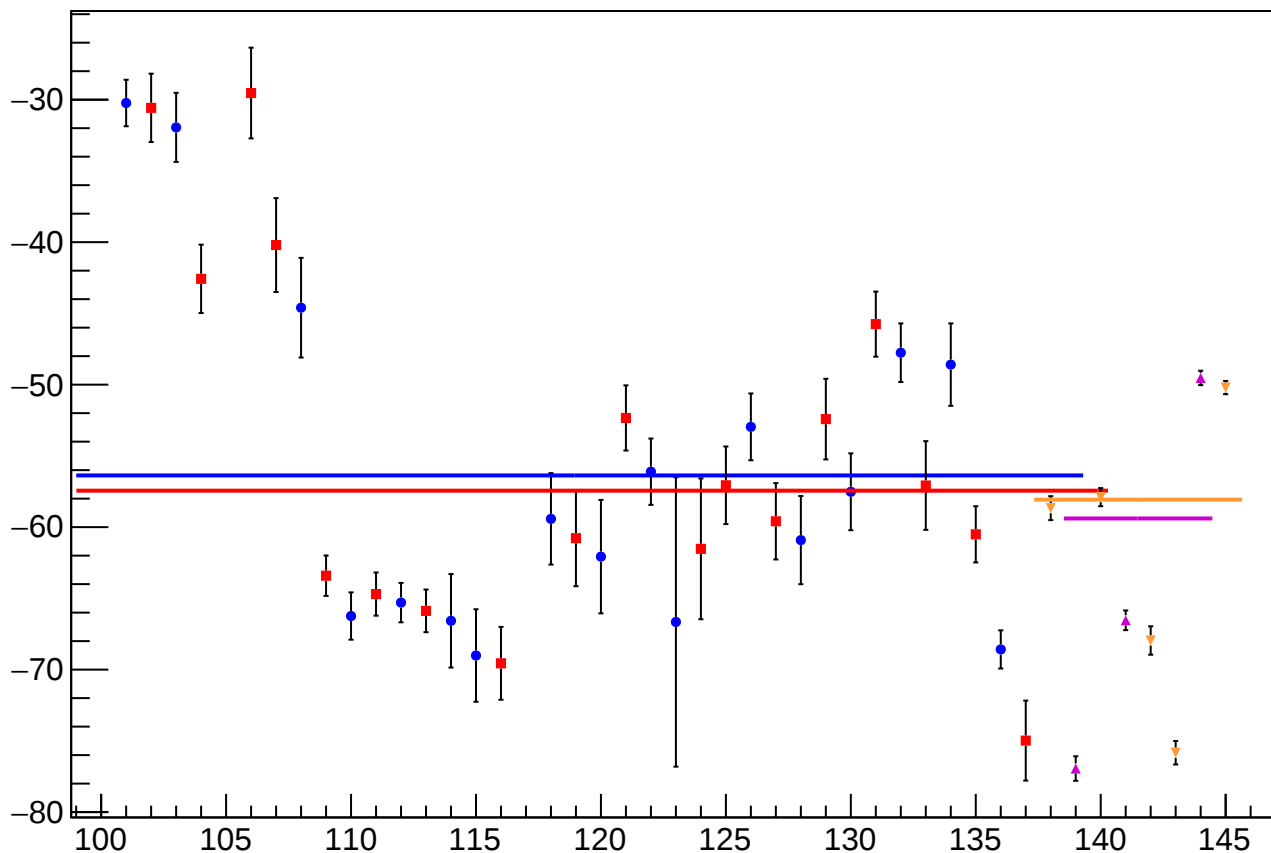
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 4.457 $\pm$ 0.202 χ^2 /NDF:172.2/19

Out: 4.443 $\pm$ 0.180 χ^2 /NDF:457.7/22

All: 4.449 $\pm$ 0.134 χ^2 /NDF: 629.8/42

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373+/-0.543 χ^2/NDF : 587.6/16

Left Out: -58.073+/-0.301 χ^2/NDF : 852.2/4

Right Out: -57.440+/-0.537 χ^2/NDF : 441.0/17

Left In: -59.392+/-0.368 χ^2/NDF : 904.7/2

Left: -58.601+/-0.233 χ^2/NDF : 1764.6/7

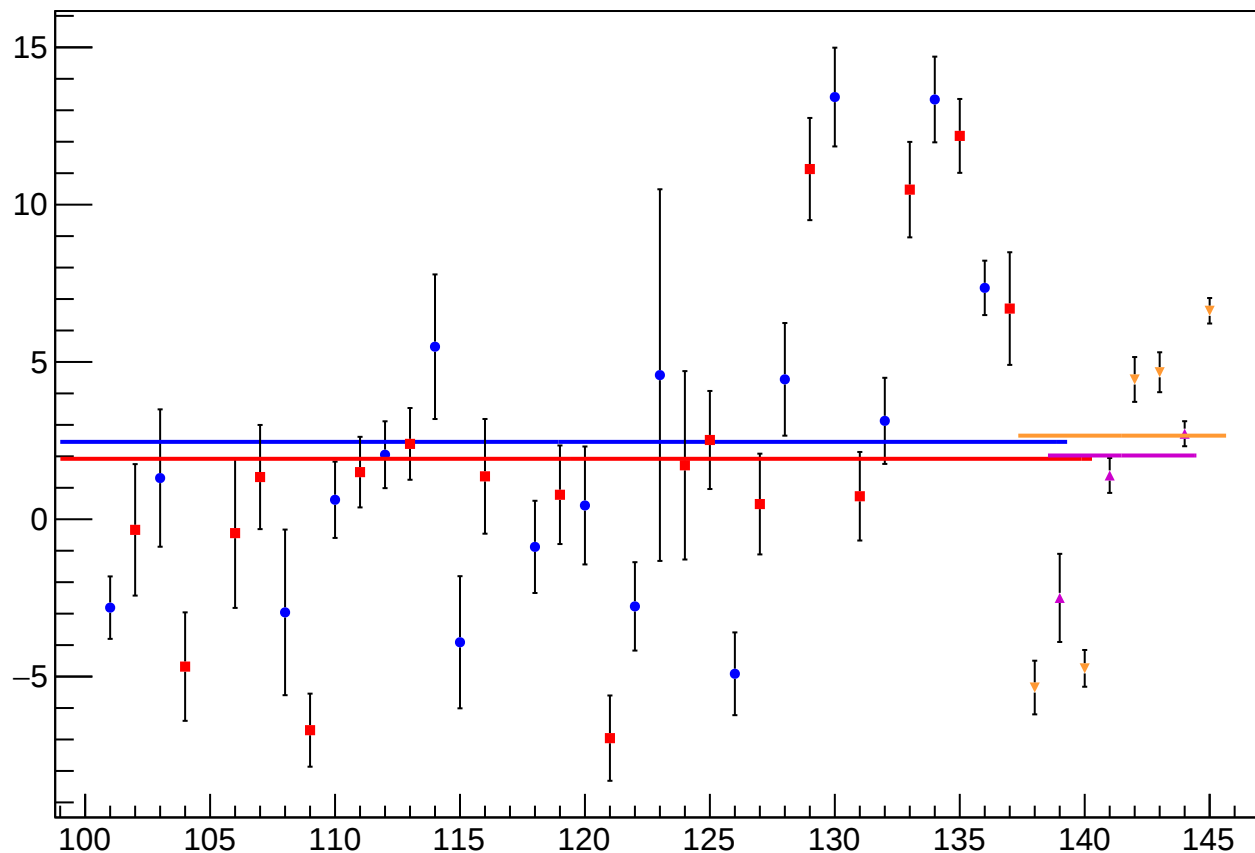
Right: -56.912+/-0.382 χ^2/NDF : 1030.5/34

In: -58.440+/-0.305 χ^2/NDF : 1513.4/19

Out: -57.921+/-0.263 χ^2/NDF : 1294.2/22

All: -58.143+/-0.199 χ^2/NDF : 2809.3/42

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 2.658 ± 0.260 χ^2/NDF : 360.7/4

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 2.027 ± 0.315 χ^2/NDF : 14.8/2

Left: 2.403 ± 0.200 χ^2/NDF : 377.9/7

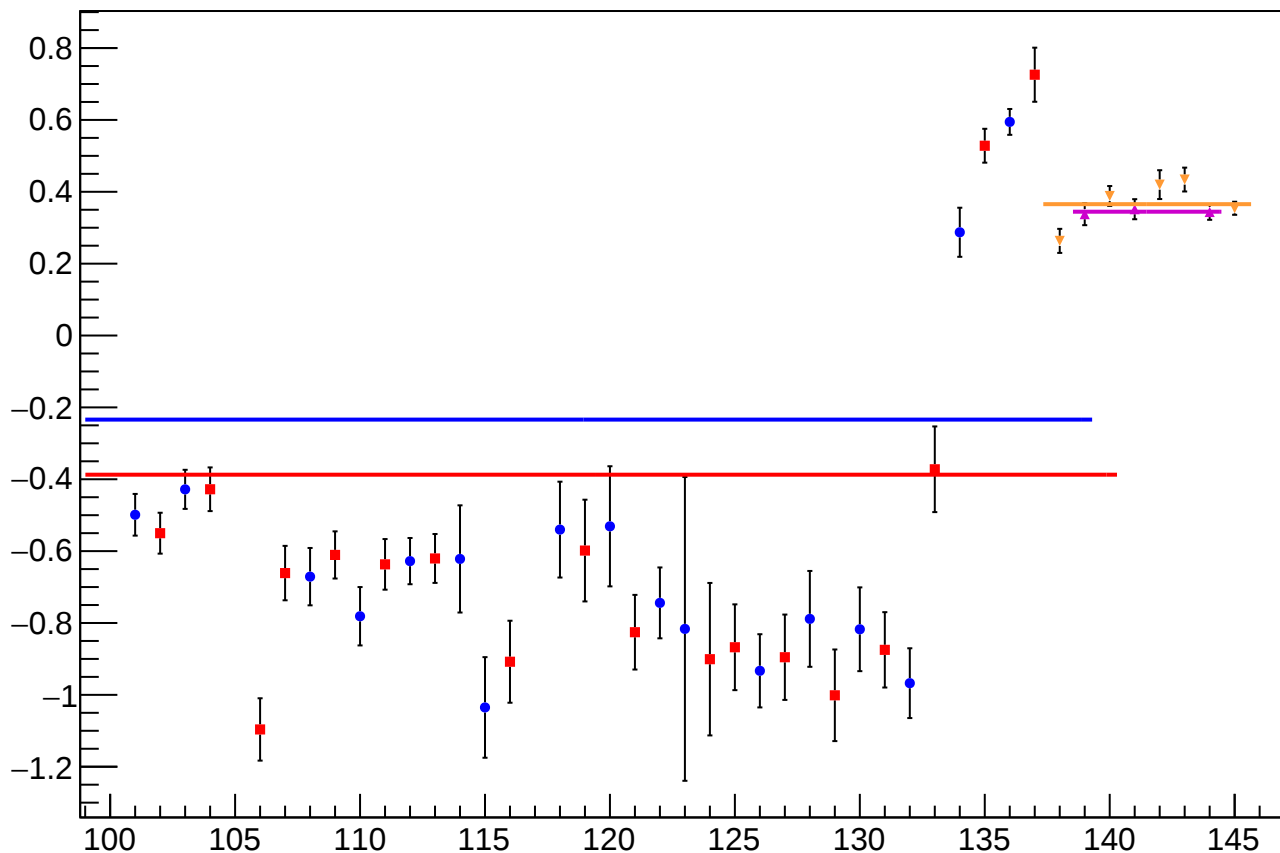
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 2.223 ± 0.233 χ^2/NDF : 259.6/19

Out: 2.401 ± 0.210 χ^2/NDF : 628.6/22

All: 2.322 ± 0.156 χ^2/NDF : 888.6/42

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: 0.345 ± 0.015 χ^2/NDF : 0.1/2

Left: 0.357 ± 0.009 χ^2/NDF : 17.8/7

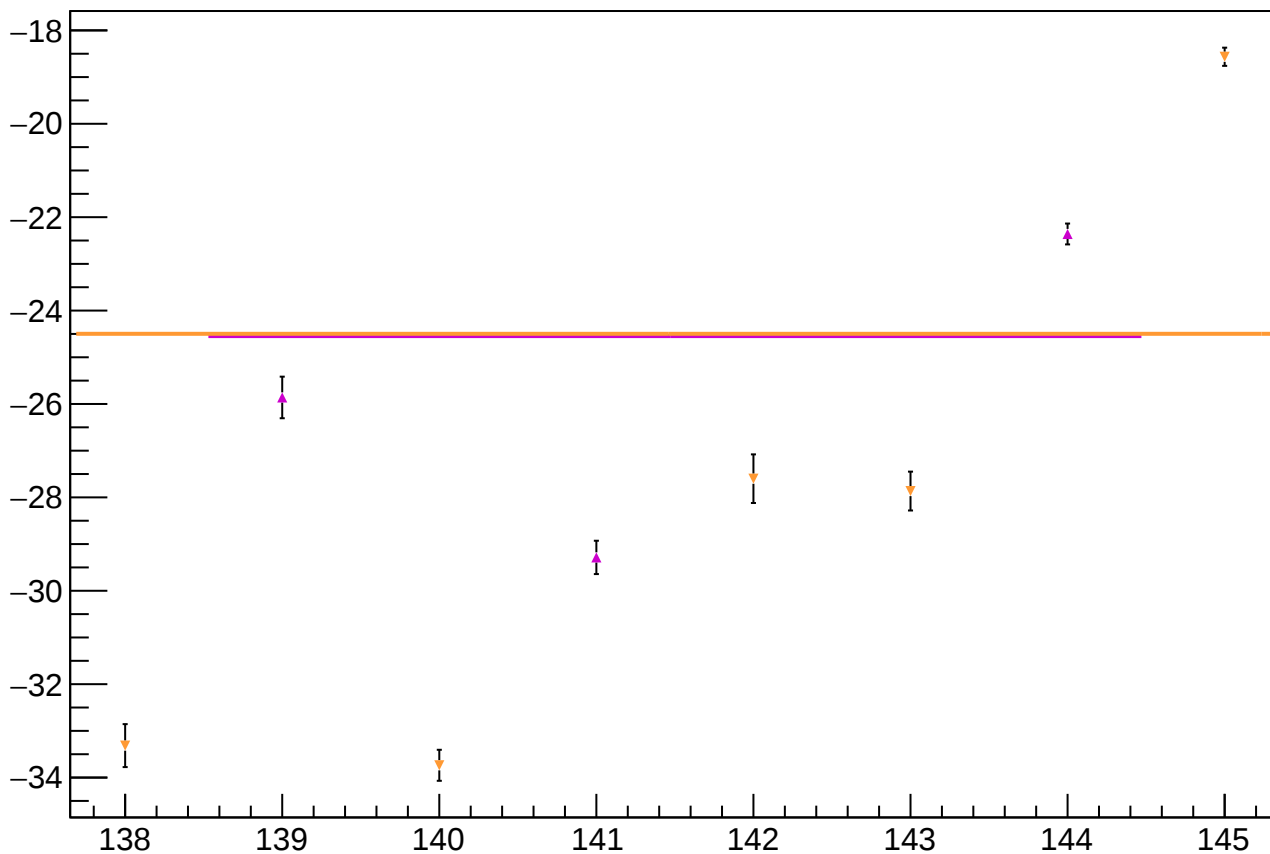
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.121 ± 0.012 χ^2/NDF : 1534.4/19

Out: 0.146 ± 0.010 χ^2/NDF : 1975.8/22

All: 0.136 ± 0.008 χ^2/NDF : 3512.8/42

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.497+/-0.142 χ^2/NDF :2170.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.546+/-0.174 χ^2/NDF :280.8/2

Left: -24.517+/-0.110 χ^2/NDF : 2451.4/7

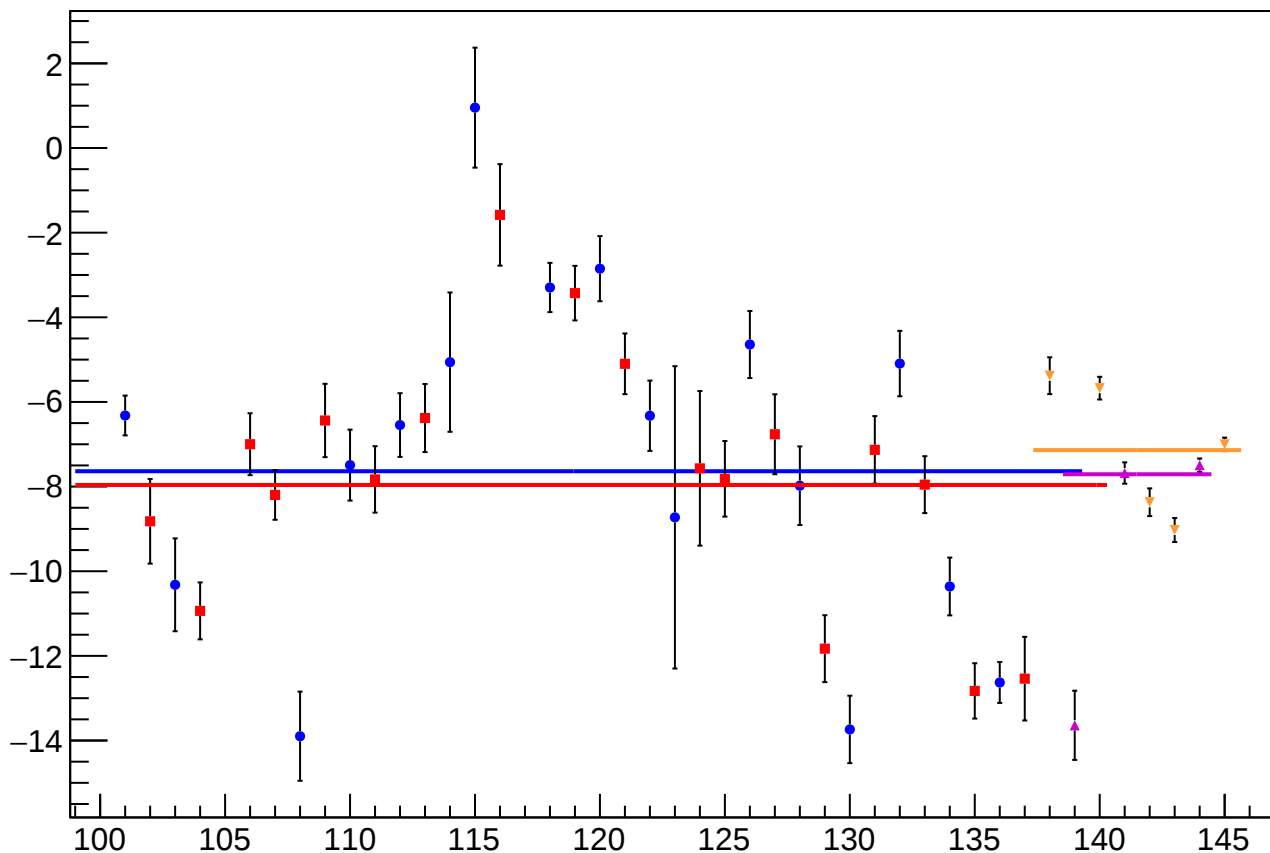
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.546+/-0.174 χ^2/NDF :280.8/2

Out: -24.497+/-0.142 χ^2/NDF :2170.6/4

All: -24.517+/-0.110 χ^2/NDF : 2451.4/7

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: -7.708 ± 0.133 χ^2/NDF : 54.5/2

Left: -7.374 ± 0.085 χ^2/NDF : 170.6/7

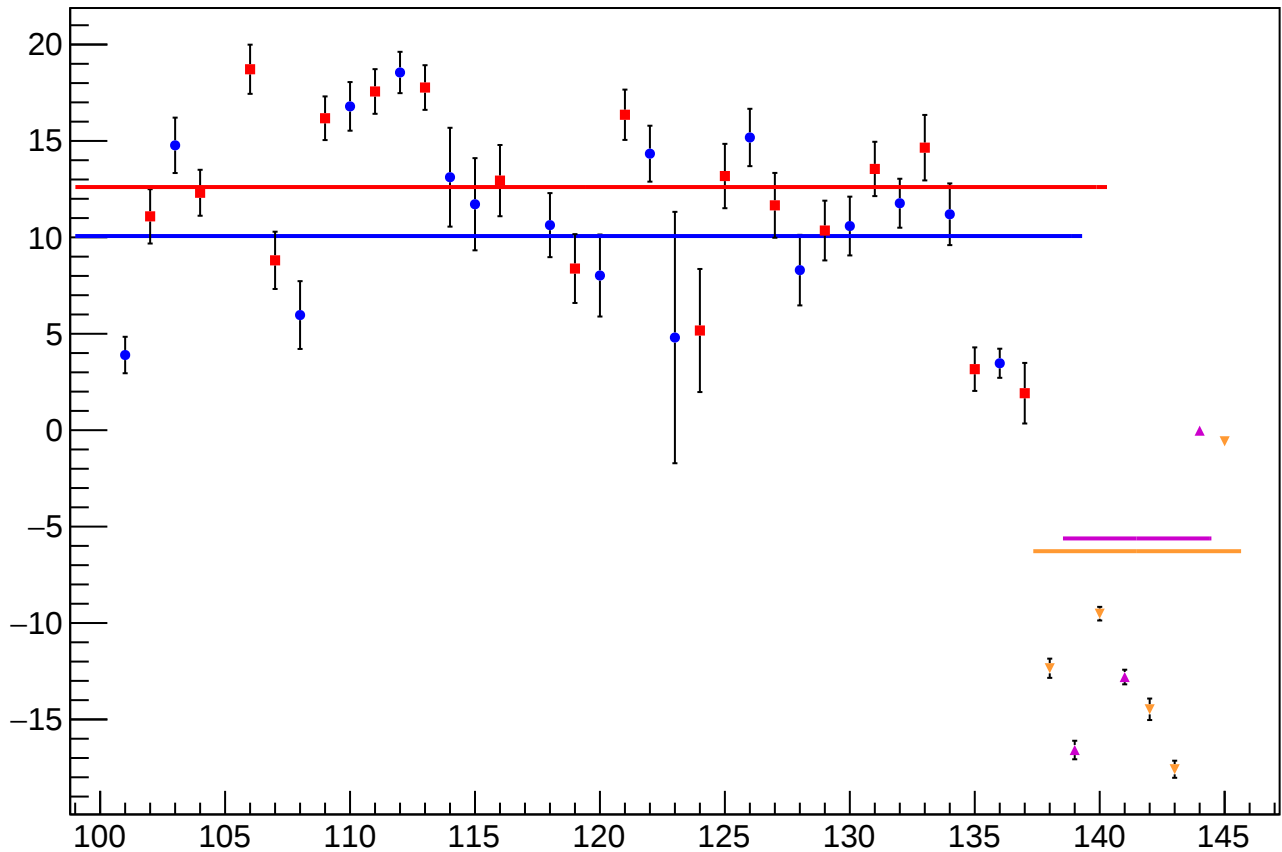
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.684 ± 0.108 χ^2/NDF : 448.5/19

Out: -7.356 ± 0.096 χ^2/NDF : 346.3/22

All: -7.500 ± 0.072 χ^2/NDF : 800.0/42

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: -5.614 $\pm$ 0.187 χ^2 /NDF:1423.8/2

Left: -6.014 $\pm$ 0.117 χ^2 /NDF: 3295.3/7

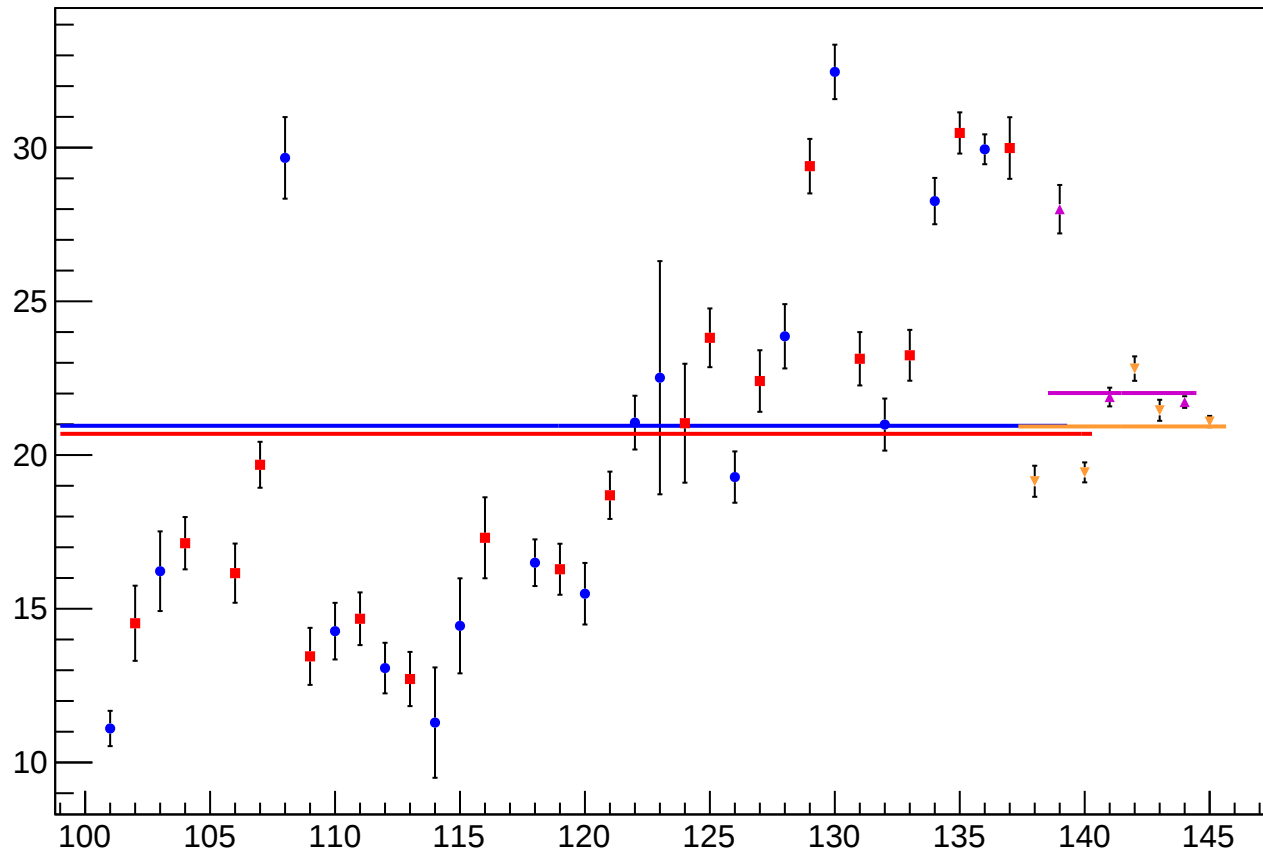
Right: 11.355 $\pm$ 0.237 χ^2 /NDF: 501.3/34

In: -1.938 $\pm$ 0.163 χ^2 /NDF:3331.2/19

Out: -3.058 $\pm$ 0.137 χ^2 /NDF:4749.4/22

All: -2.594 $\pm$ 0.105 χ^2 /NDF: 8108.1/42

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: 22.017 $\pm$ 0.157 χ^2 /NDF:60.1/2

Left: 21.376 $\pm$ 0.101 χ^2 /NDF: 147.3/7

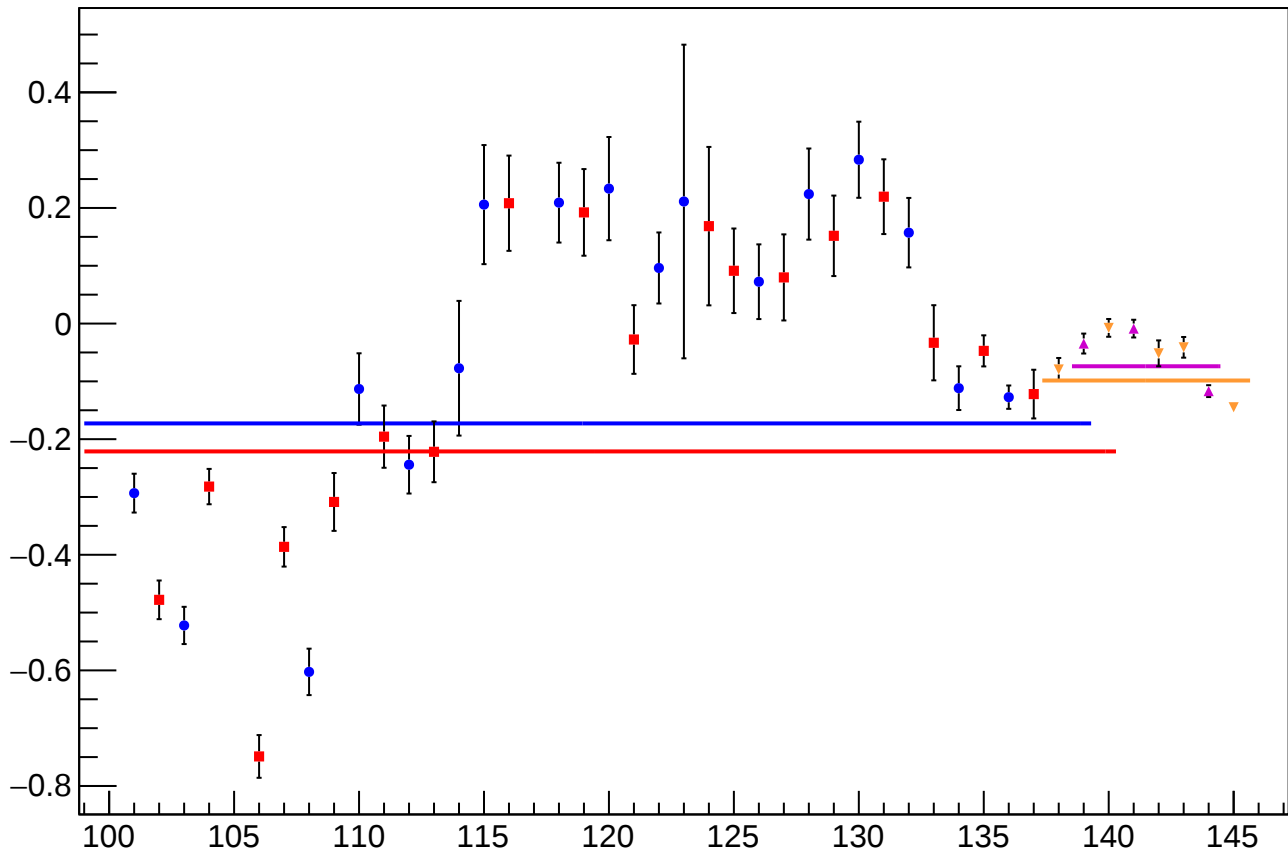
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.633 $\pm$ 0.126 χ^2 /NDF:1299.4/19

Out: 20.863 $\pm$ 0.112 χ^2 /NDF:786.9/22

All: 21.203 $\pm$ 0.084 χ^2 /NDF: 2107.3/42

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: -0.074 ± 0.008 χ^2/NDF : 40.8/2

Left: -0.089 ± 0.005 χ^2/NDF : 130.5/7

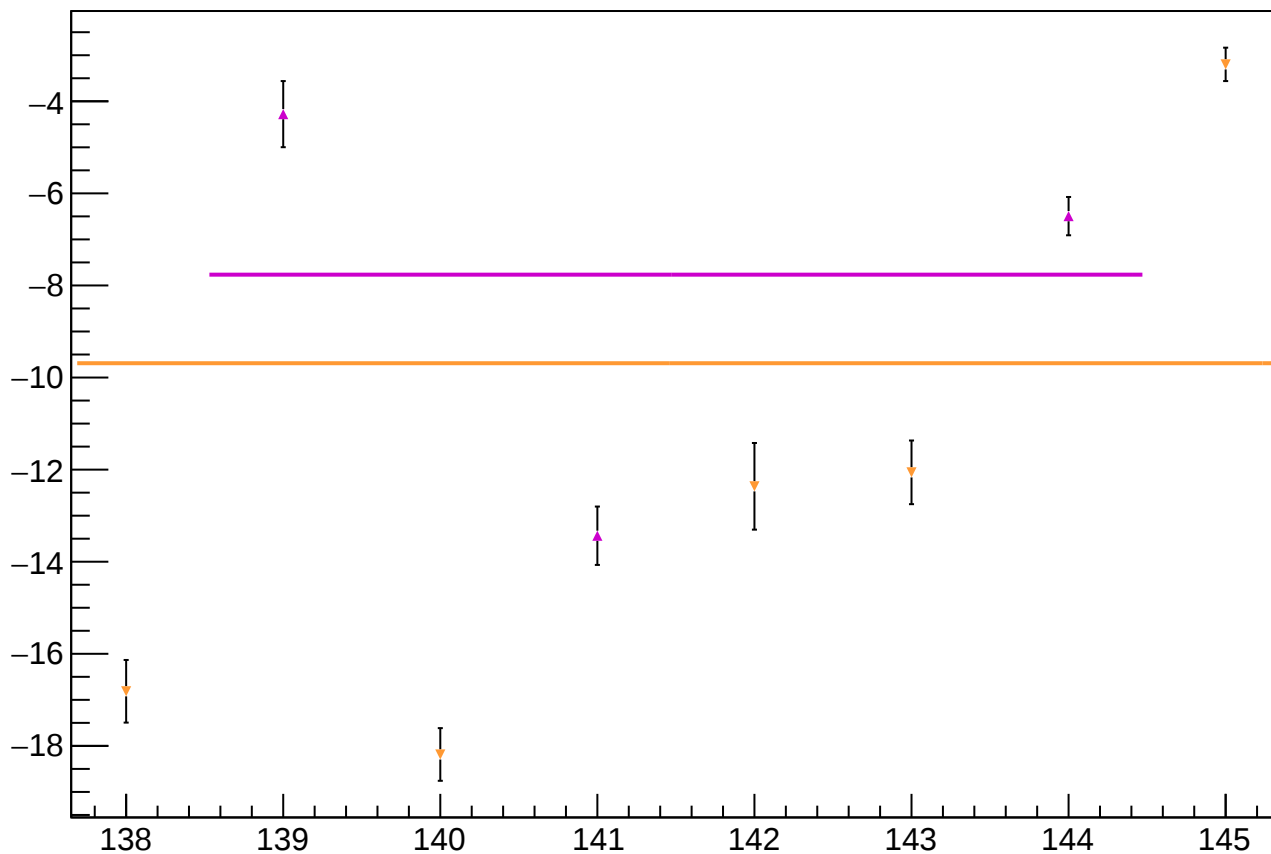
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.105 ± 0.006 χ^2/NDF : 554.4/19

Out: -0.127 ± 0.005 χ^2/NDF : 714.2/22

All: -0.118 ± 0.004 χ^2/NDF : 1275.7/42

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: -7.766+/-0.313 χ^2/NDF : 112.9/2

Left: -8.941+/-0.195 χ^2/NDF : 806.5/7

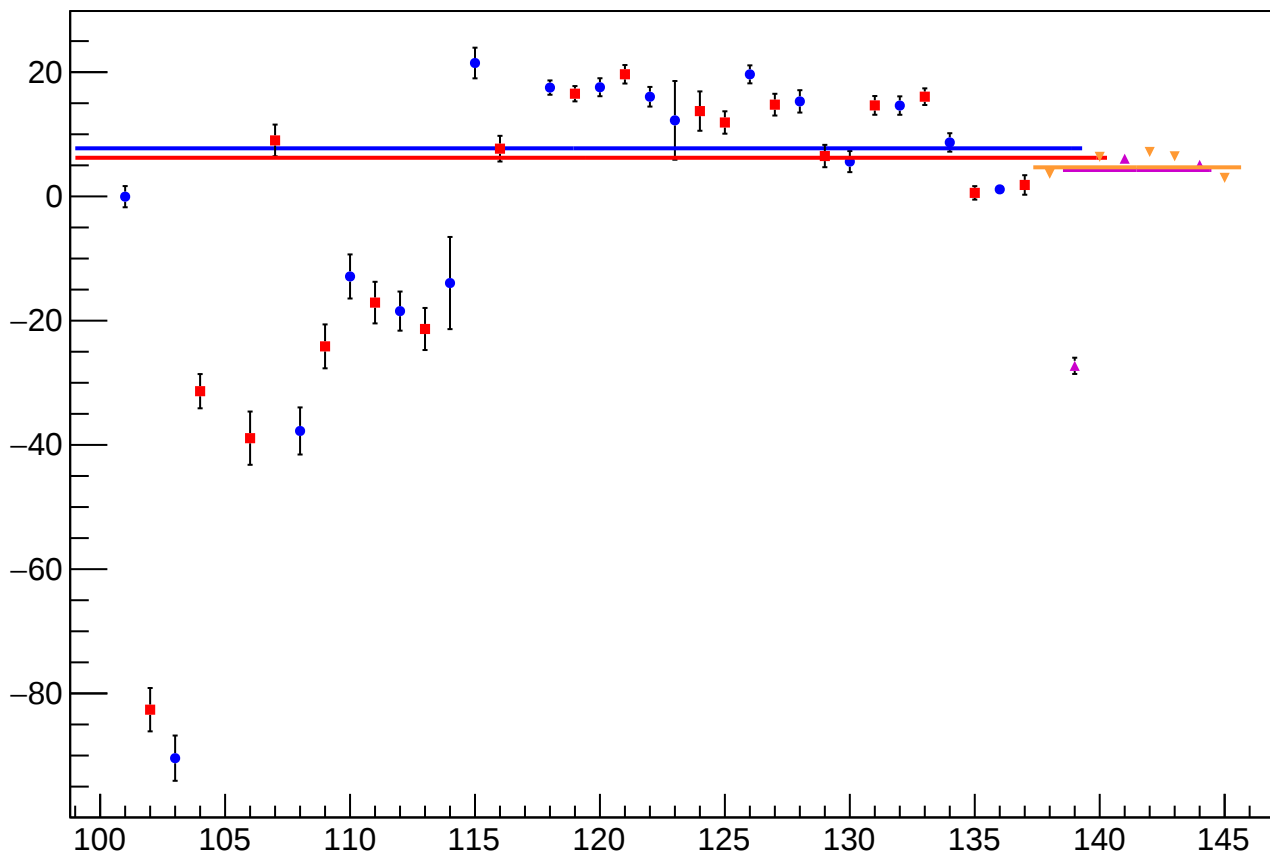
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.766+/-0.313 χ^2/NDF : 112.9/2

Out: -9.689+/-0.250 χ^2/NDF : 670.5/4

All: -8.941+/-0.195 χ^2/NDF : 806.5/7

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: 4.253 ± 0.243 χ^2/NDF : 605.9/2

Left: 4.515 ± 0.152 χ^2/NDF : 689.6/7

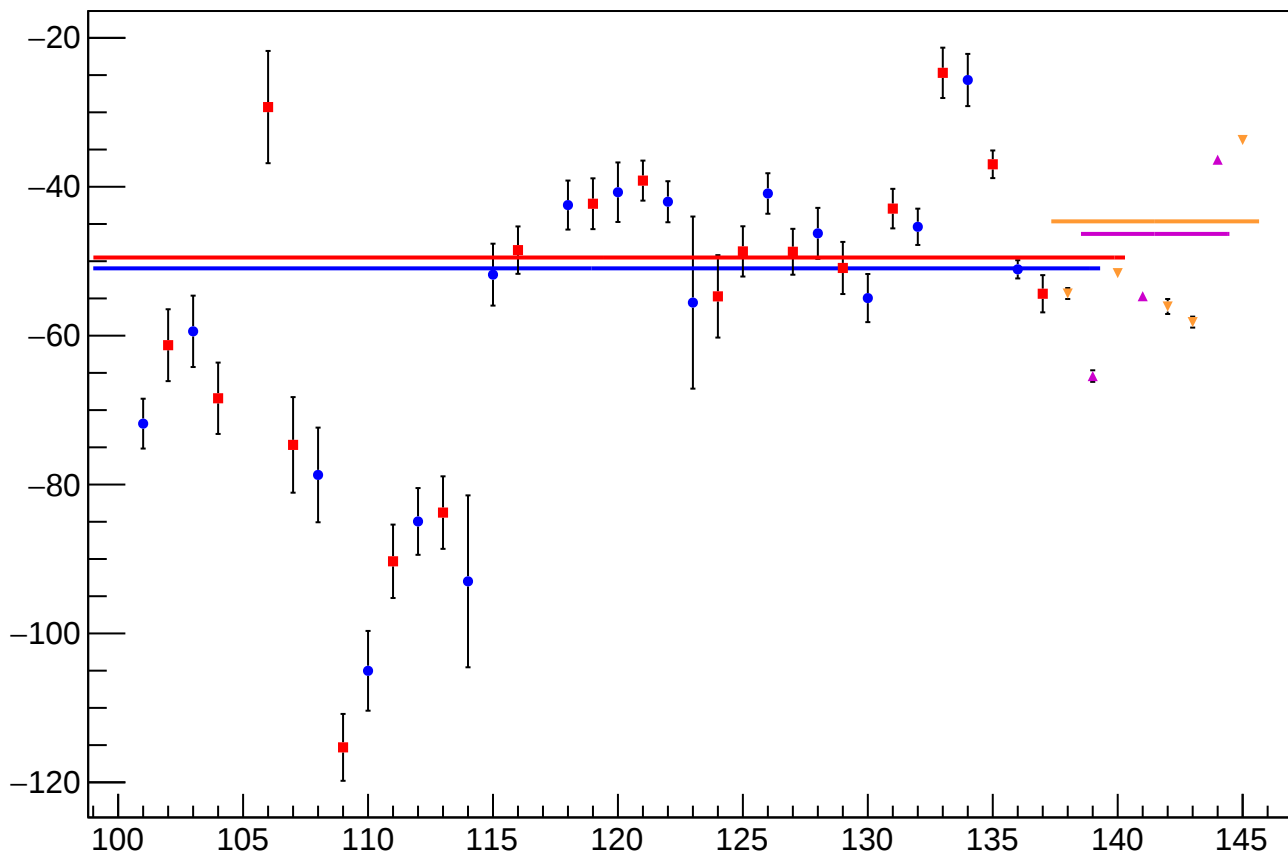
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.185 ± 0.208 χ^2/NDF : 2019.7/19

Out: 4.941 ± 0.178 χ^2/NDF : 1538.2/22

All: 5.044 ± 0.135 χ^2/NDF : 3558.7/42

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: -46.332 ± 0.335 χ^2/NDF : 1258.6/2

Left: -45.301 ± 0.209 χ^2/NDF : 2838.6/7

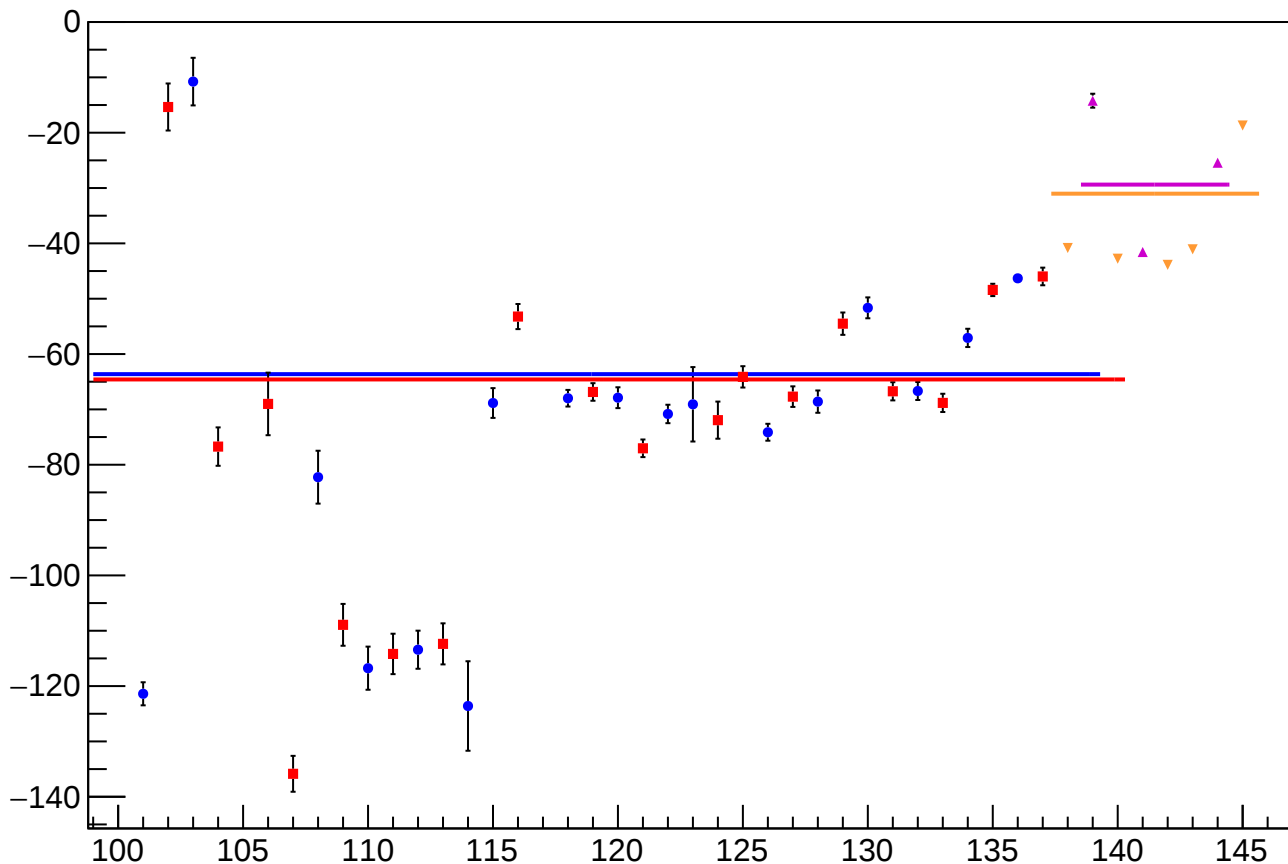
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -47.124 ± 0.305 χ^2/NDF : 1623.1/19

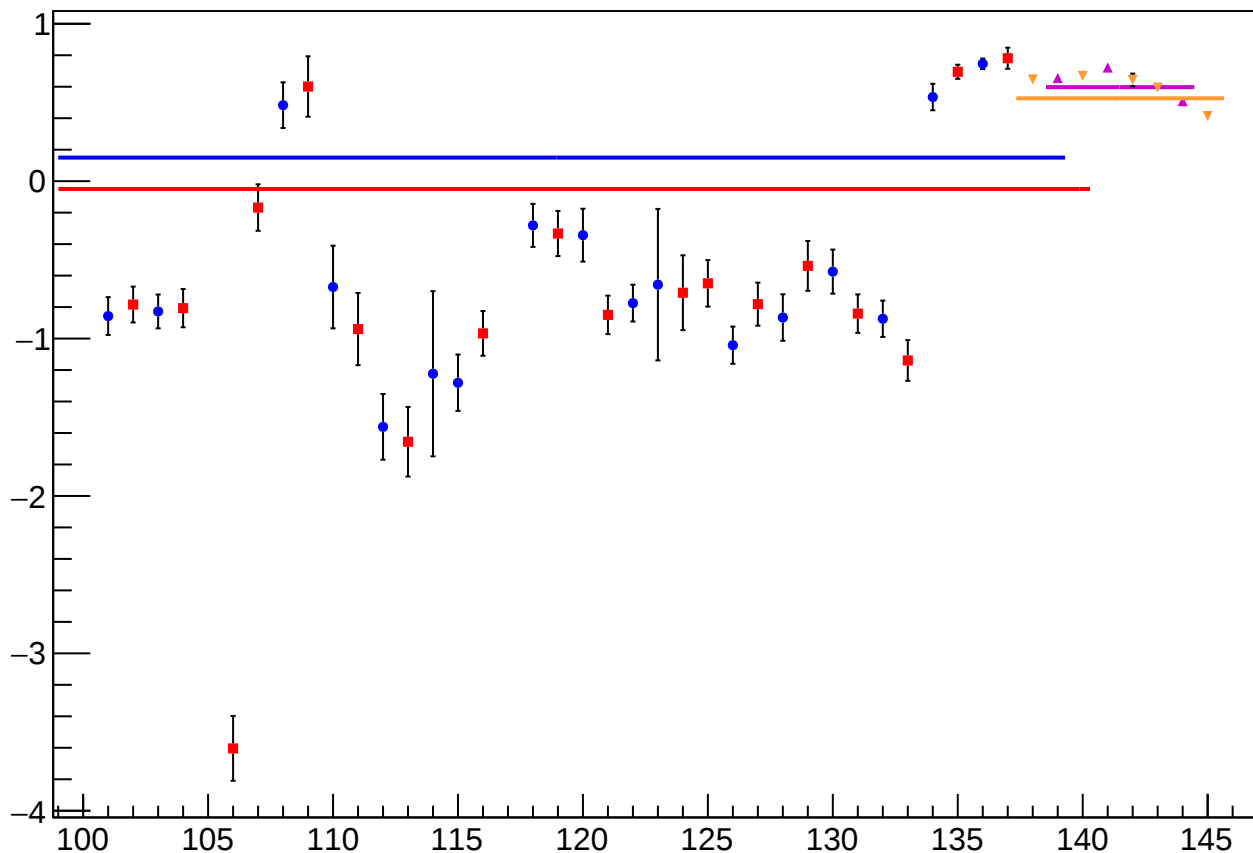
Out: -45.136 ± 0.253 χ^2/NDF : 2104.2/22

All: -45.946 ± 0.195 χ^2/NDF : 3752.4/42

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



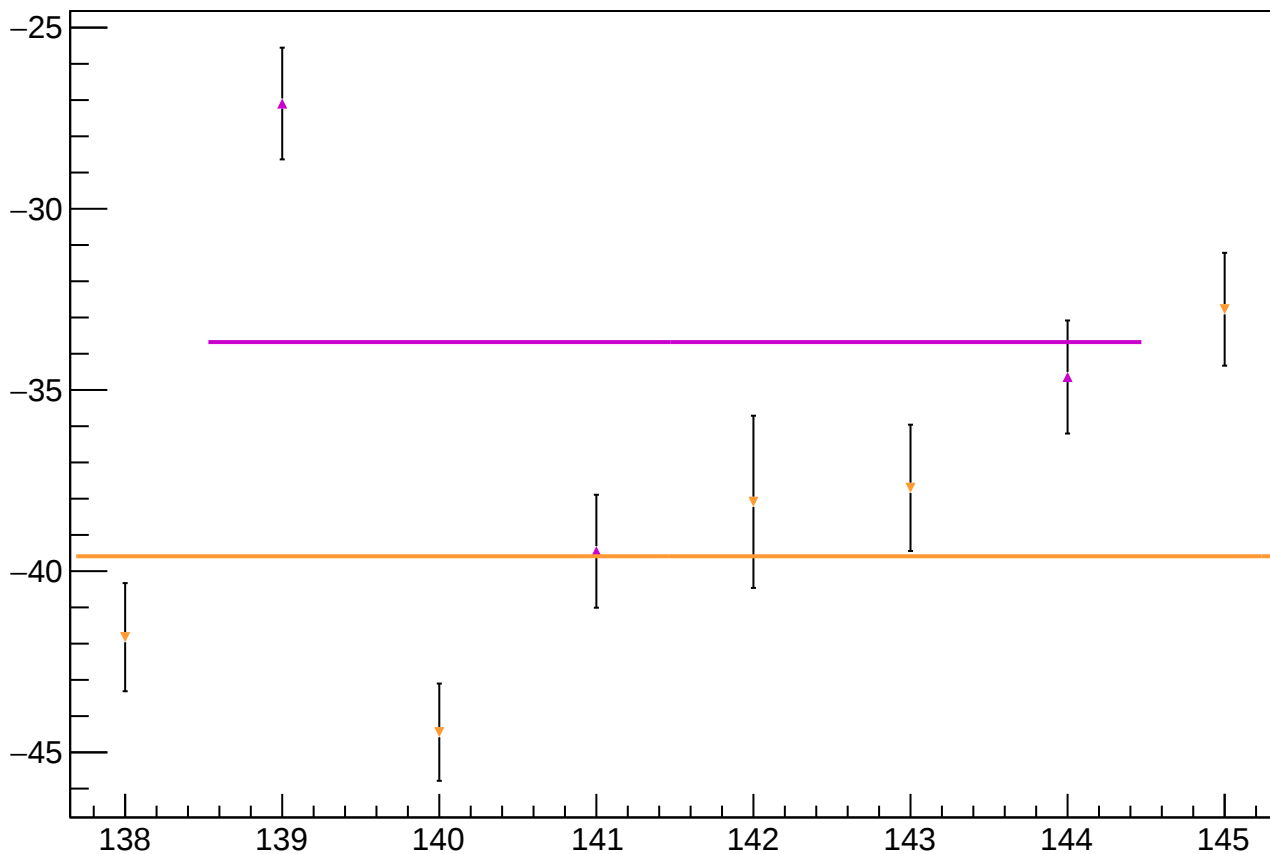
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16
 Left Out: 0.527 $\pm$ 0.011 χ^2 /NDF:114.2/4
 Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17
 Left In: 0.598 $\pm$ 0.014 χ^2 /NDF:47.1/2

Left: 0.554 $\pm$ 0.008 χ^2 /NDF: 178.1/7
 Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34
 In: 0.488 $\pm$ 0.012 χ^2 /NDF:1299.7/19
 Out: 0.444 $\pm$ 0.010 χ^2 /NDF:1681.3/22
 All: 0.462 $\pm$ 0.008 χ^2 /NDF: 2989.3/42

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: -33.679+/-0.897 χ^2/NDF :32.3/2

Left: -37.268+/-0.562 χ^2/NDF : 94.8/7

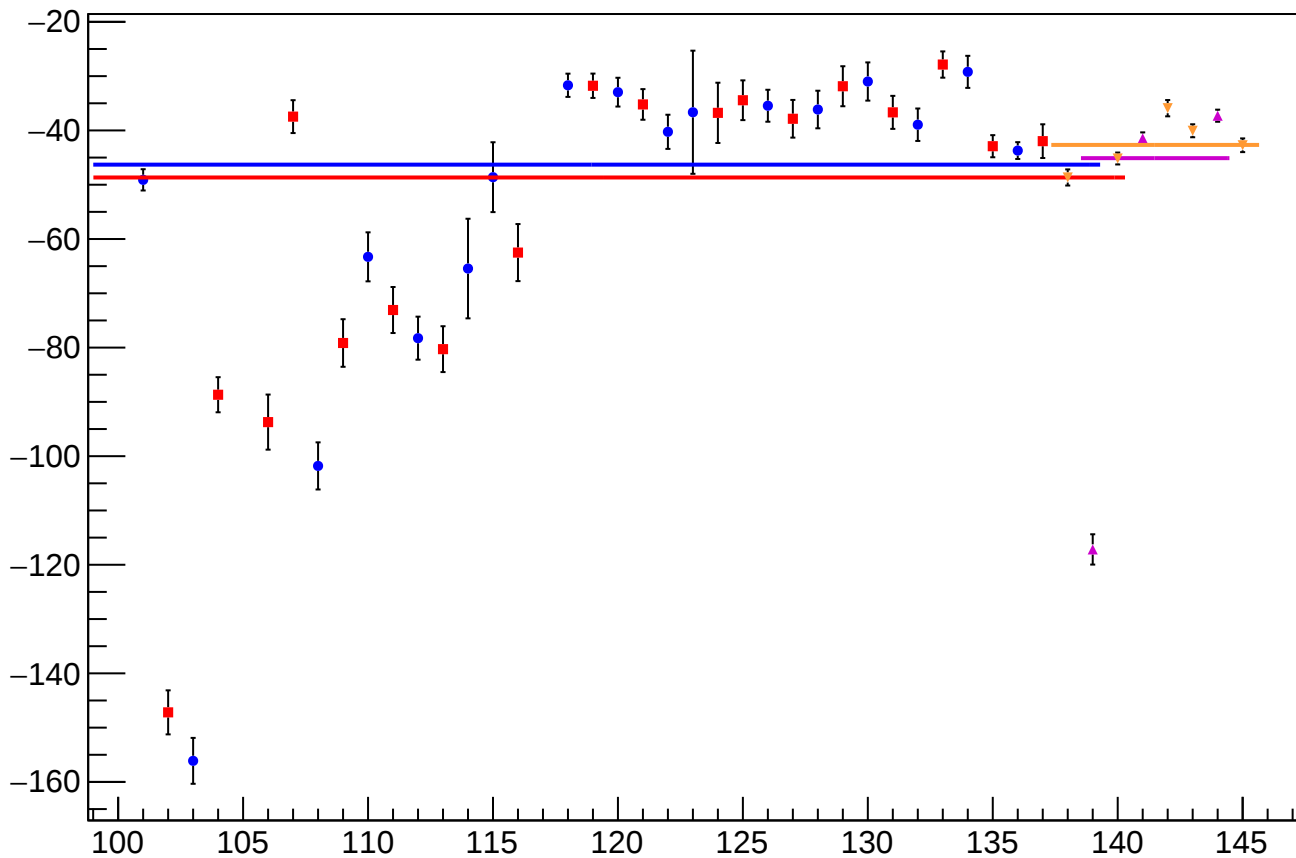
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.679+/-0.897 χ^2/NDF :32.3/2

Out: -39.589+/-0.721 χ^2/NDF :36.1/4

All: -37.268+/-0.562 χ^2/NDF : 94.8/7

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -42.668 ± 0.572 $\chi^2/\text{NDF}: 46.6/4$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -45.107 ± 0.757 $\chi^2/\text{NDF}: 726.2/2$

Left: -43.555 ± 0.457 $\chi^2/\text{NDF}: 779.4/7$

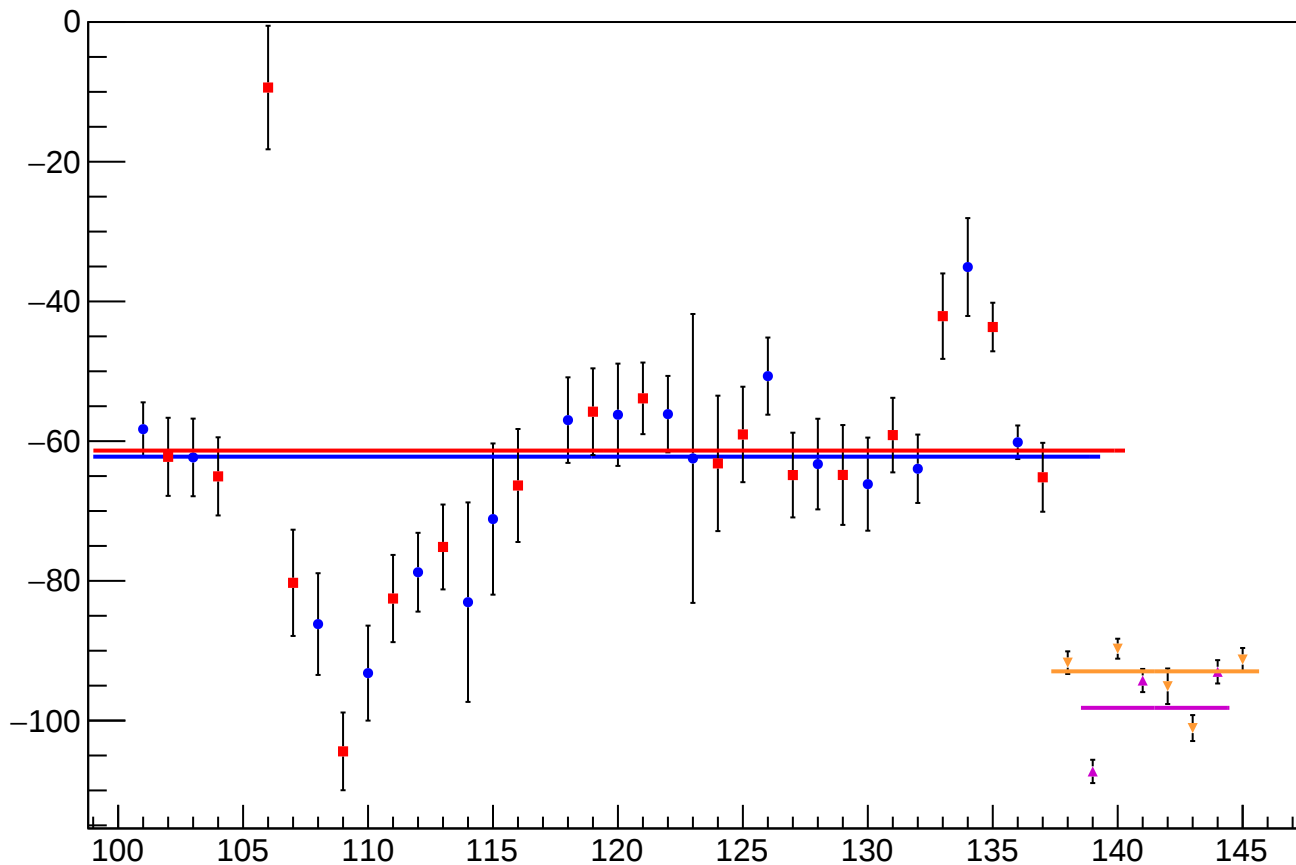
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -45.731 ± 0.523 $\chi^2/\text{NDF}: 1811.5/19$

Out: -44.827 ± 0.458 $\chi^2/\text{NDF}: 1298.3/22$

All: -45.219 ± 0.345 $\chi^2/\text{NDF}: 3111.5/42$

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: -98.177 ± 0.961 χ^2/NDF : 44.9/2

Left: -94.999 ± 0.602 χ^2/NDF : 89.5/7

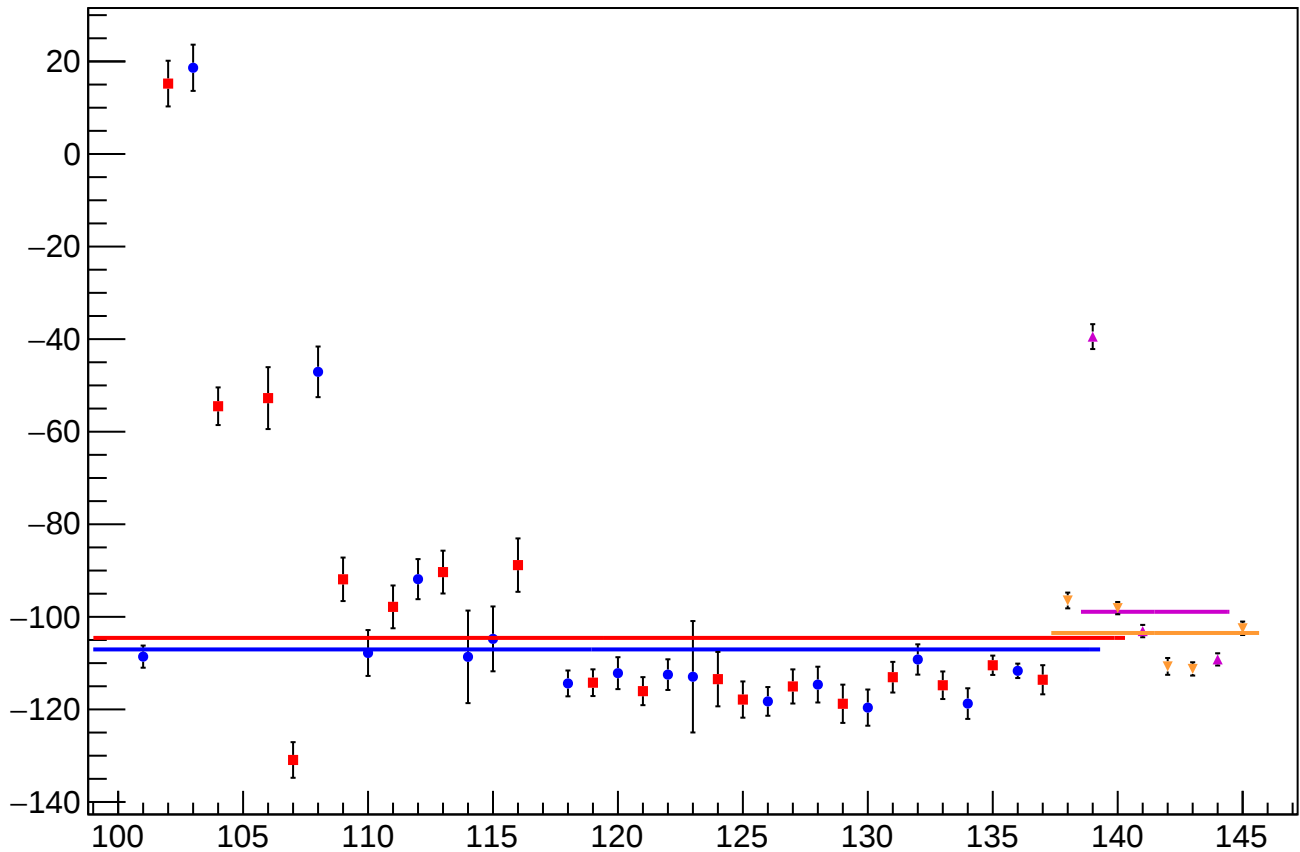
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -85.613 ± 0.775 χ^2/NDF : 601.1/19

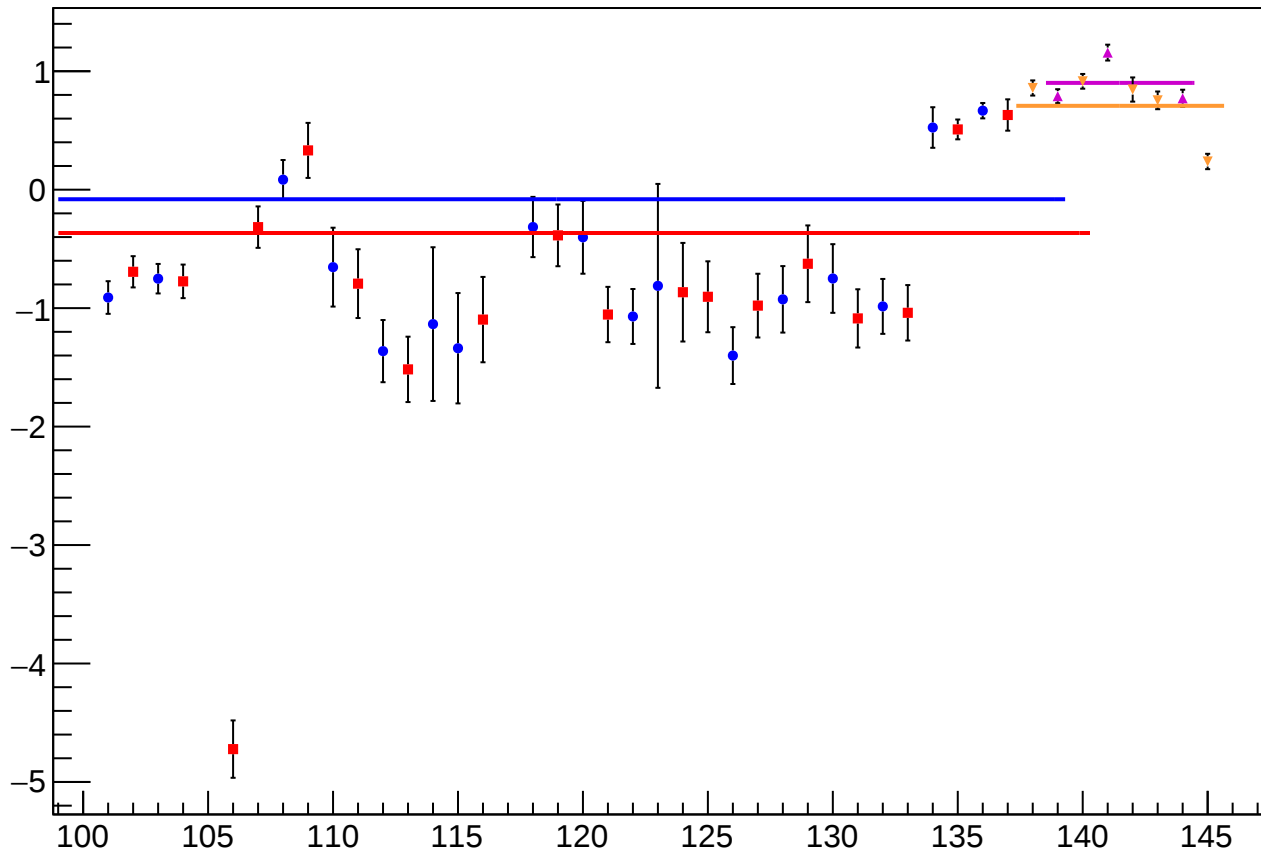
Out: -85.455 ± 0.674 χ^2/NDF : 583.4/22

All: -85.523 ± 0.508 χ^2/NDF : 1184.5/42

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.902 ± 0.038 χ^2/NDF : 21.4/2

Left: 0.787 ± 0.024 χ^2/NDF : 108.3/7

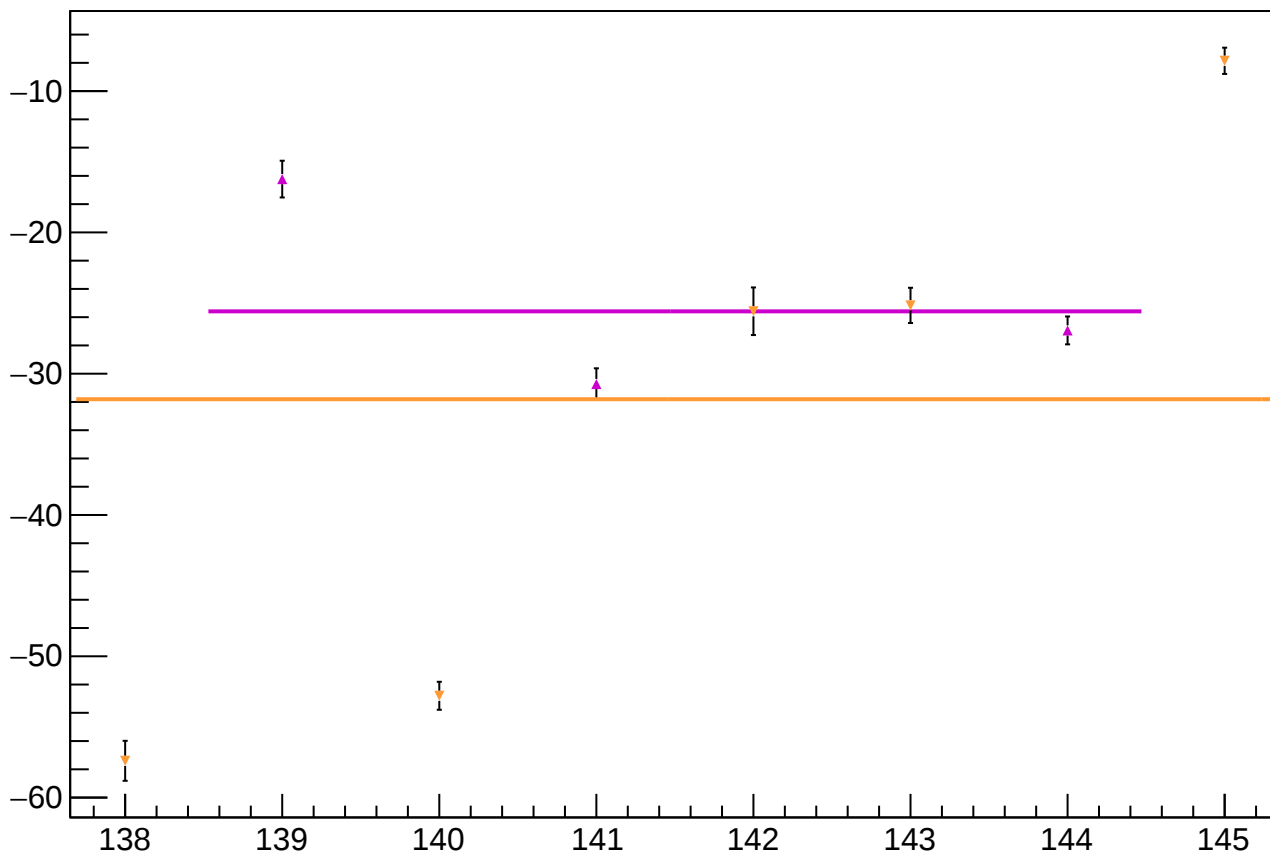
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.464 ± 0.028 χ^2/NDF : 651.0/19

Out: 0.346 ± 0.026 χ^2/NDF : 1038.7/22

All: 0.399 ± 0.019 χ^2/NDF : 1699.4/42

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: -25.588+/-0.642 χ^2/NDF :75.1/2

Left: -29.333+/-0.405 χ^2/NDF : 1614.3/7

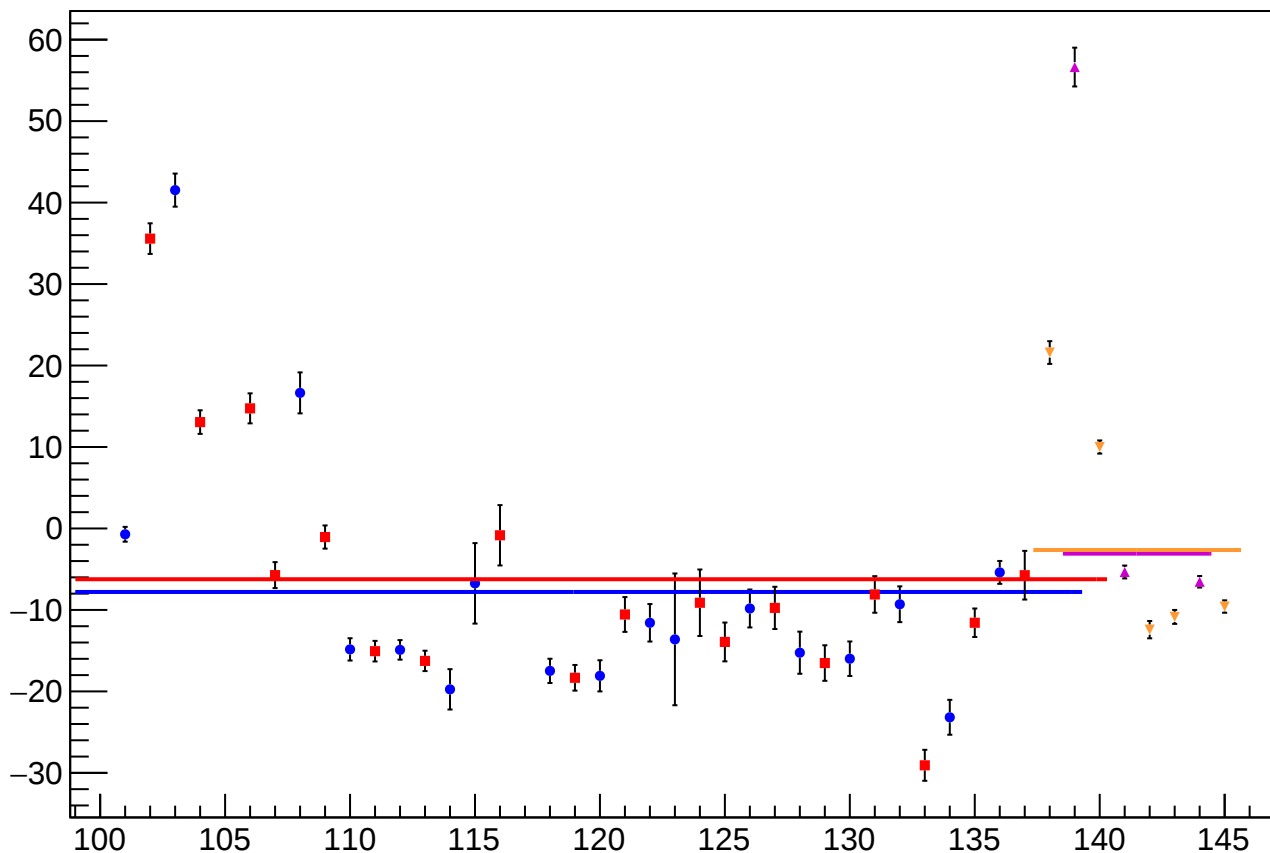
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.588+/-0.642 χ^2/NDF :75.1/2

Out: -31.806+/-0.522 χ^2/NDF :1482.8/4

All: -29.333+/-0.405 χ^2/NDF : 1614.3/7

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -2.644 ± 0.408 χ^2/NDF : 806.5/4

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -3.091 ± 0.514 χ^2/NDF : 661.5/2

Left: -2.816 ± 0.319 χ^2/NDF : 1468.5/7

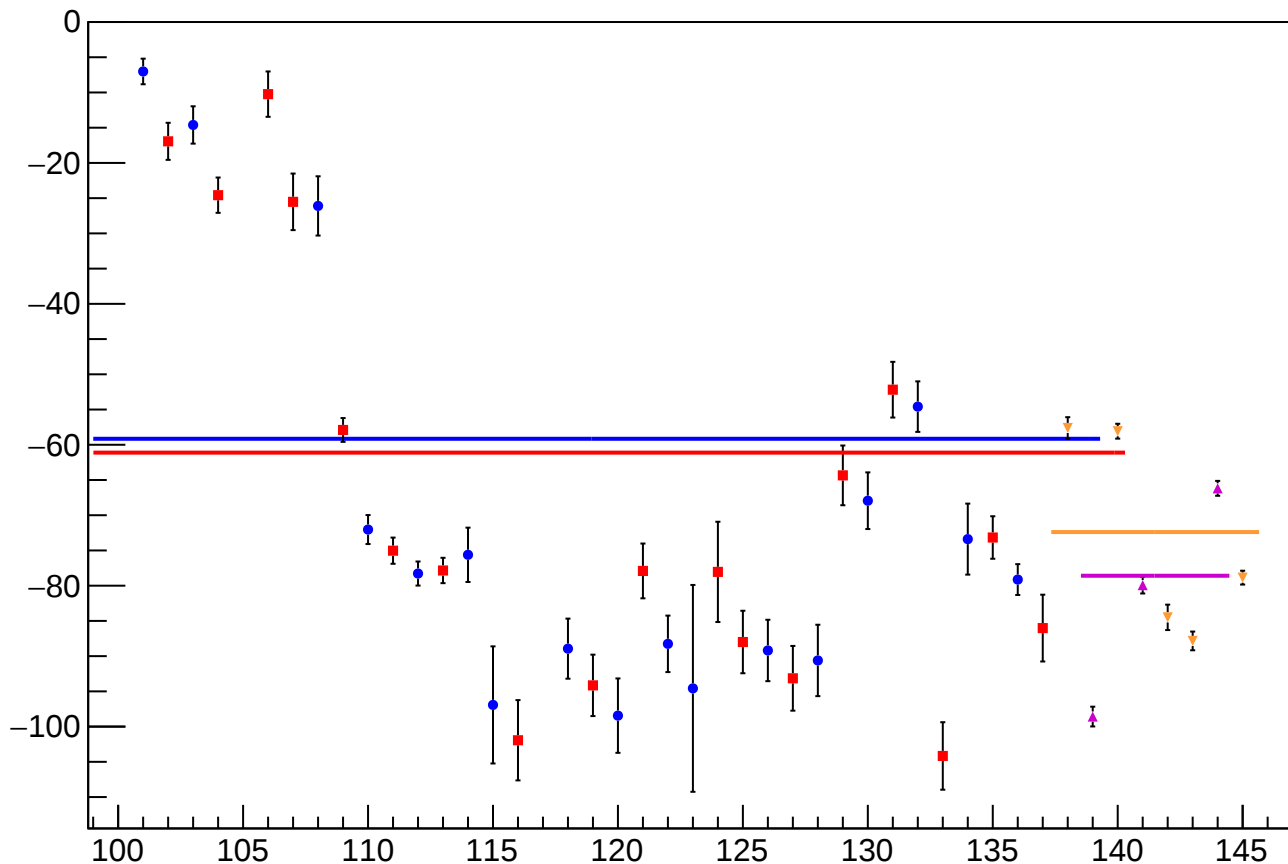
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -5.869 ± 0.329 χ^2/NDF : 1693.7/19

Out: -4.343 ± 0.296 χ^2/NDF : 2026.2/22

All: -5.025 ± 0.220 χ^2/NDF : 3731.8/42

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150+/-0.745 χ^2/NDF : 1718.3/16

Left Out: -72.389+/-0.556 χ^2/NDF : 500.4/4

Right Out: -61.113+/-0.708 χ^2/NDF : 1317.8/17

Left In: -78.589+/-0.688 χ^2/NDF : 341.4/2

Left: -74.842+/-0.432 χ^2/NDF : 890.9/7

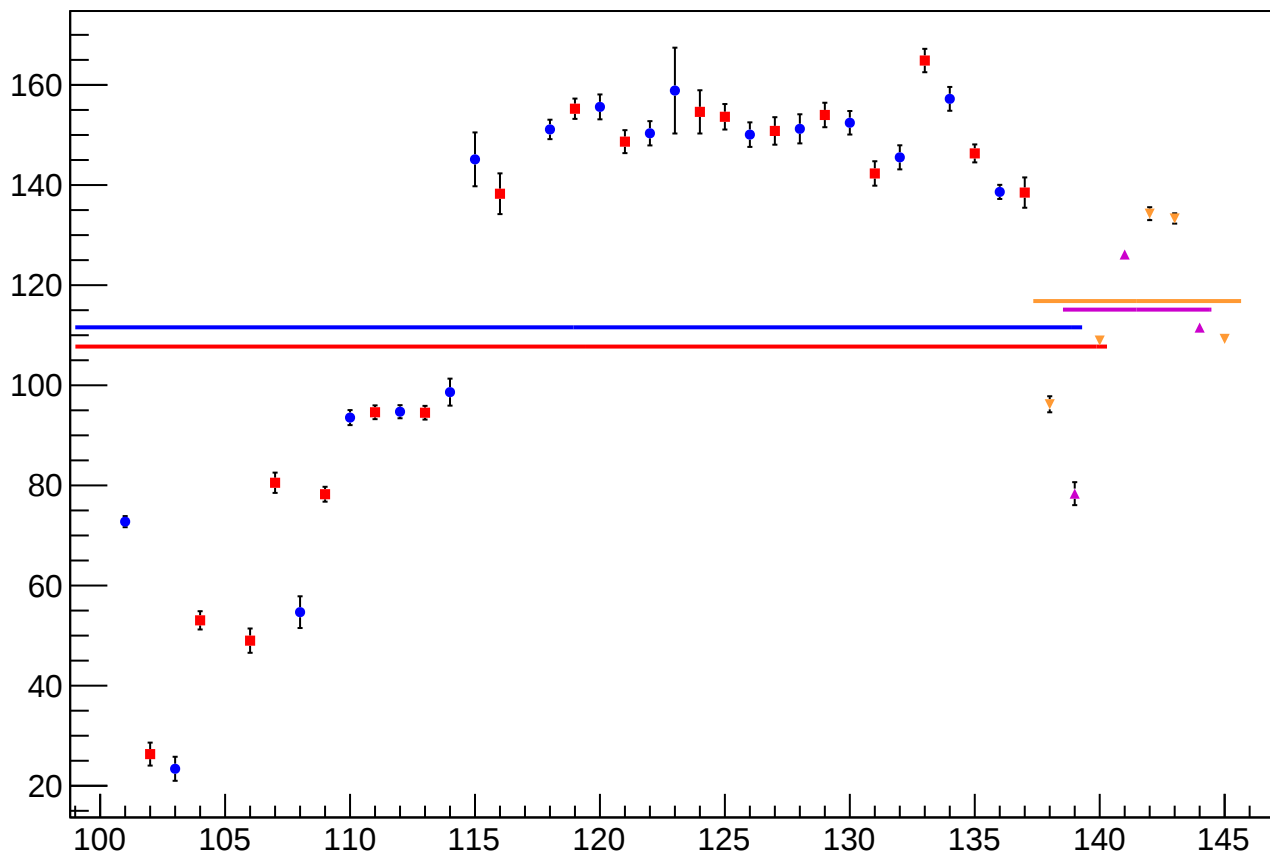
Right: -60.182+/-0.513 χ^2/NDF : 3039.8/34

In: -69.650+/-0.505 χ^2/NDF : 2427.2/19

Out: -68.083+/-0.437 χ^2/NDF : 1975.1/22

All: -68.754+/-0.331 χ^2/NDF : 4407.8/42

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 116.825 $\pm$ 0.483 χ^2 /NDF: 746.3/4

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 115.115 $\pm$ 0.606 χ^2 /NDF: 408.5/2

Left: 116.161 $\pm$ 0.378 χ^2 /NDF: 1159.6/7

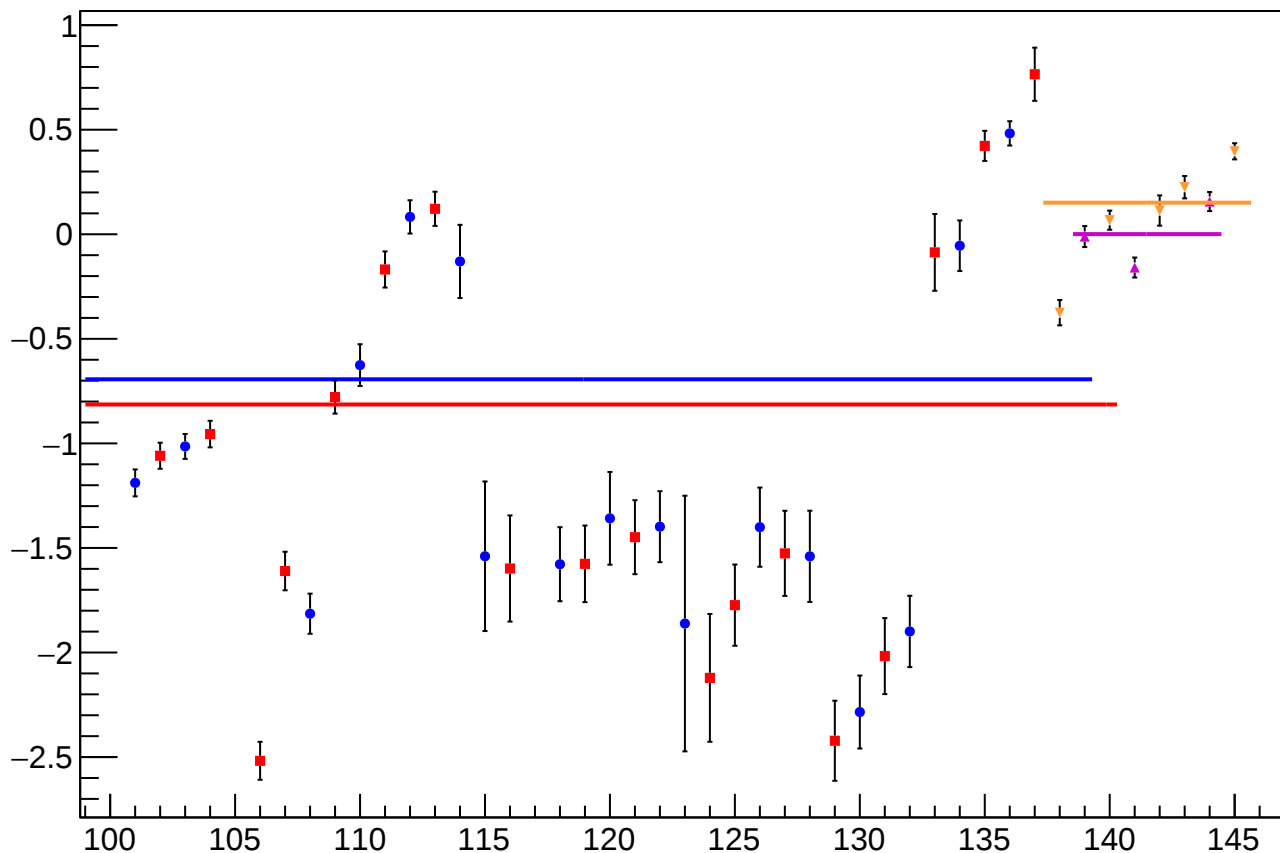
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 112.969 $\pm$ 0.380 χ^2 /NDF: 6375.1/19

Out: 112.333 $\pm$ 0.343 χ^2 /NDF: 7757.5/22

All: 112.619 $\pm$ 0.255 χ^2 /NDF: 14134.2/42

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: 0.001 ± 0.028 χ^2/NDF : 22.9/2

Left: 0.091 ± 0.017 χ^2/NDF : 162.1/7

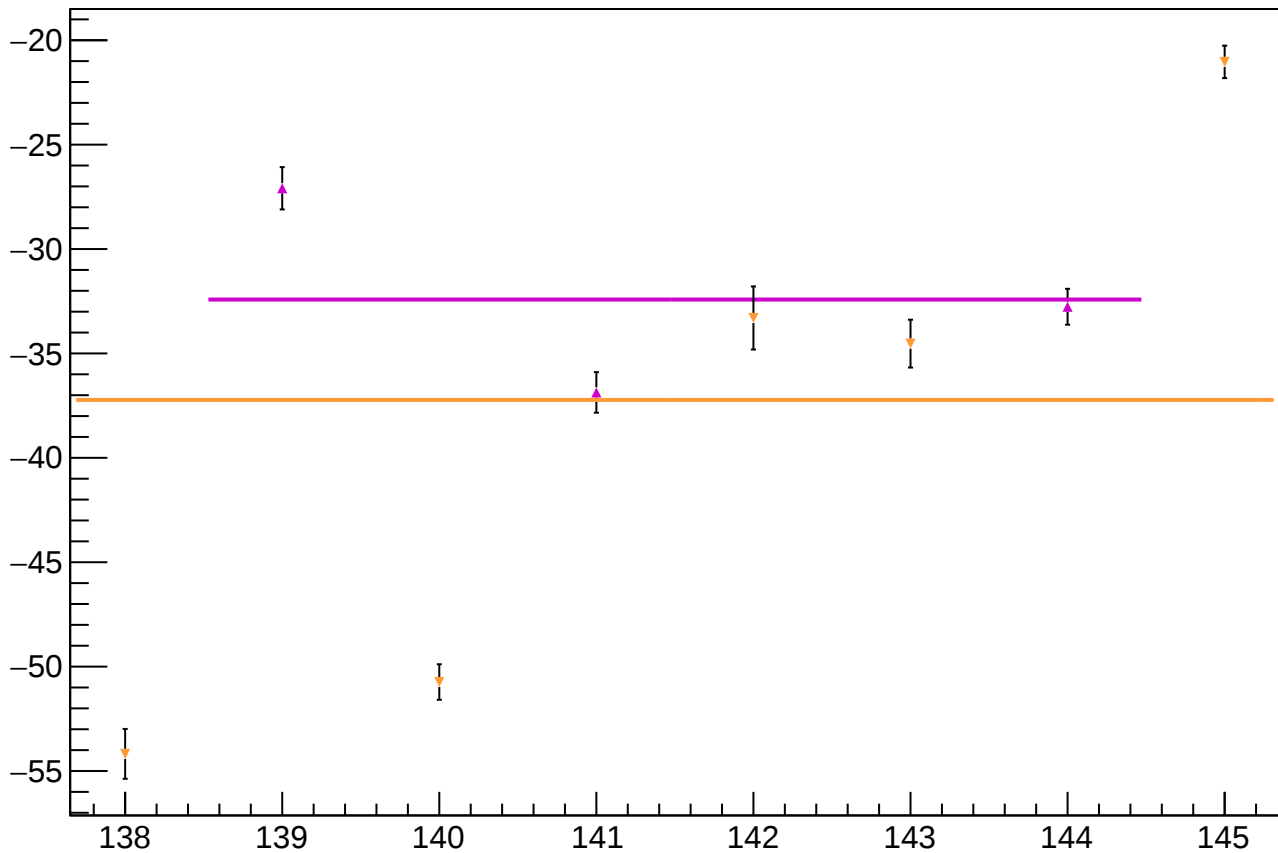
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.369 ± 0.019 χ^2/NDF : 1351.5/19

Out: -0.293 ± 0.017 χ^2/NDF : 2269.7/22

All: -0.326 ± 0.012 χ^2/NDF : 3630.5/42

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: -32.419+/-0.543 χ^2/NDF : 48.8/2

Left: -35.271+/-0.346 χ^2/NDF : 996.4/7

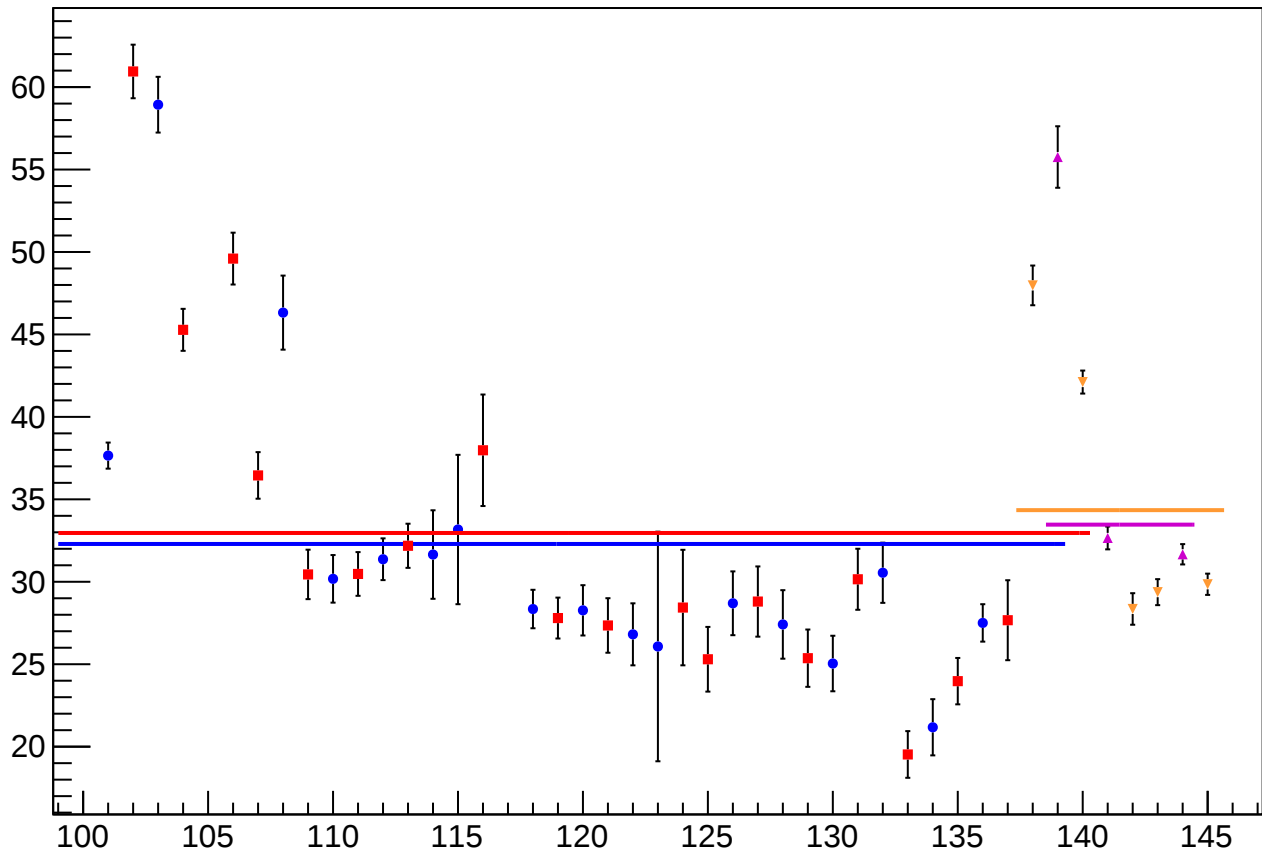
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.419+/-0.543 χ^2/NDF : 48.8/2

Out: -37.226+/-0.450 χ^2/NDF : 901.2/4

All: -35.271+/-0.346 χ^2/NDF : 996.4/7

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: 33.465 ± 0.447 $\chi^2/\text{NDF}: 152.7/2$

Left: 34.002 ± 0.279 $\chi^2/\text{NDF}: 534.9/7$

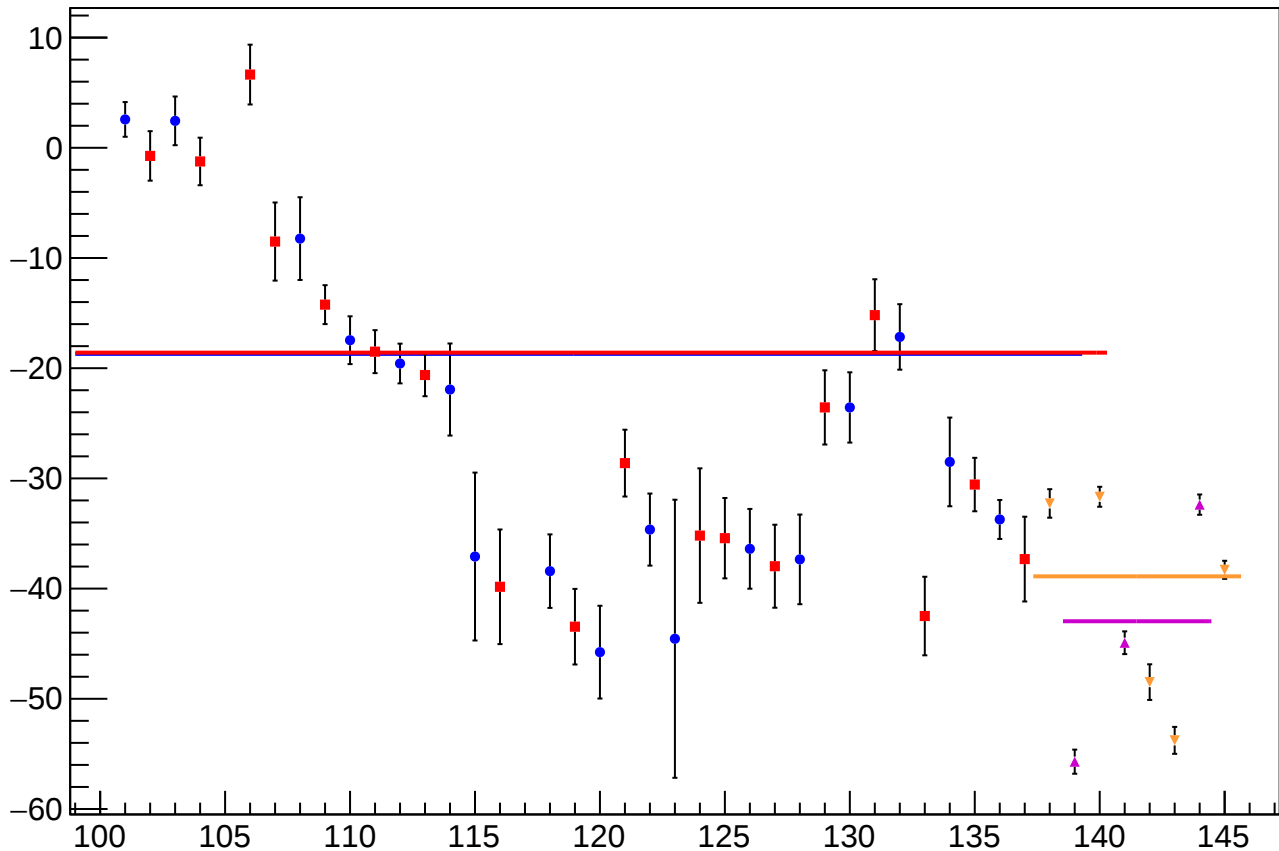
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 32.774 ± 0.287 $\chi^2/\text{NDF}: 609.3/19$

Out: 33.695 ± 0.260 $\chi^2/\text{NDF}: 1110.8/22$

All: 33.279 ± 0.193 $\chi^2/\text{NDF}: 1725.8/42$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -38.888 ± 0.479 $\chi^2/\text{NDF}: 273.8/4$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -42.963 ± 0.582 $\chi^2/\text{NDF}: 271.3/2$

Left: -40.534 ± 0.370 $\chi^2/\text{NDF}: 574.3/7$

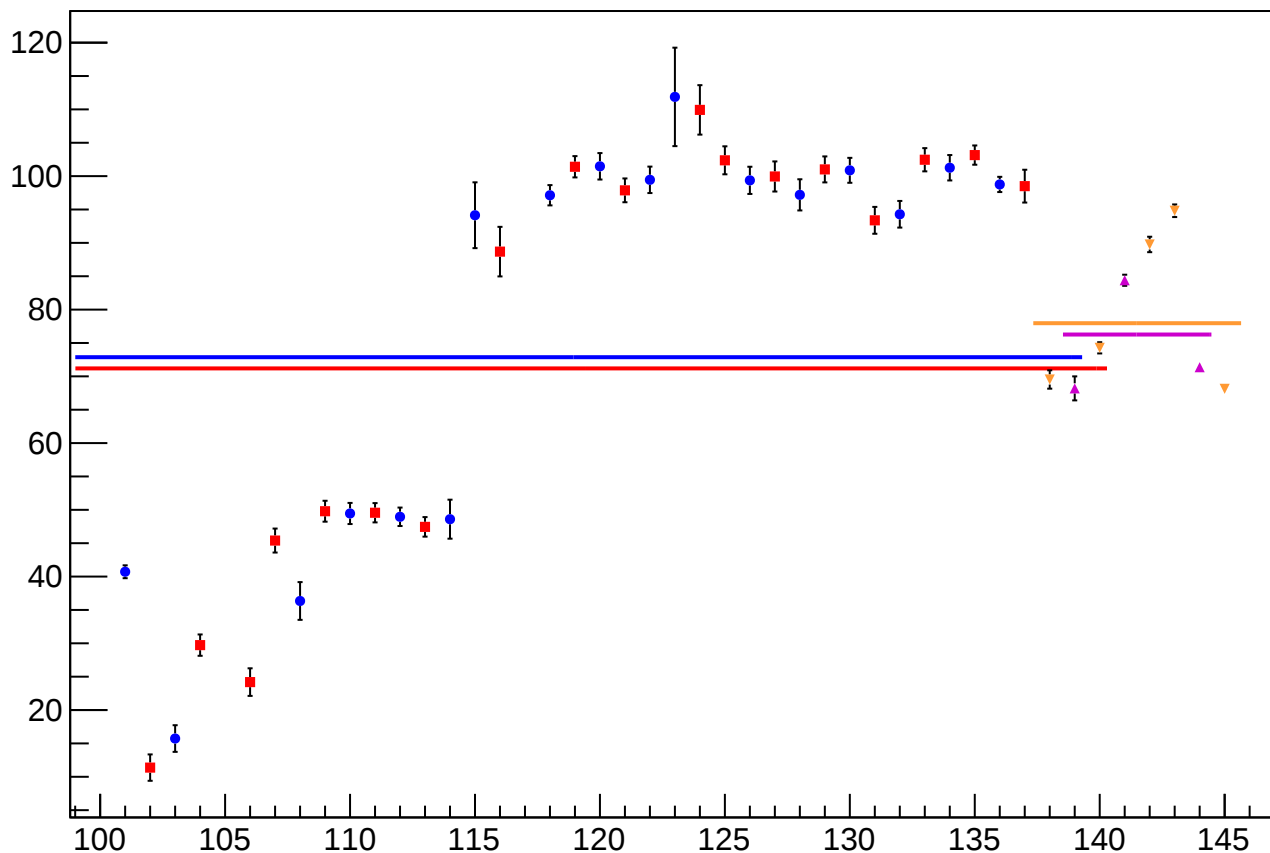
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -32.467 ± 0.438 $\chi^2/\text{NDF}: 1542.3/19$

Out: -31.708 ± 0.385 $\chi^2/\text{NDF}: 1370.1/22$

All: -32.038 ± 0.289 $\chi^2/\text{NDF}: 2914.1/42$

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: 76.267 $\pm$ 0.524 χ^2 /NDF:160.7/2

Left: 77.298 $\pm$ 0.328 χ^2 /NDF: 822.0/7

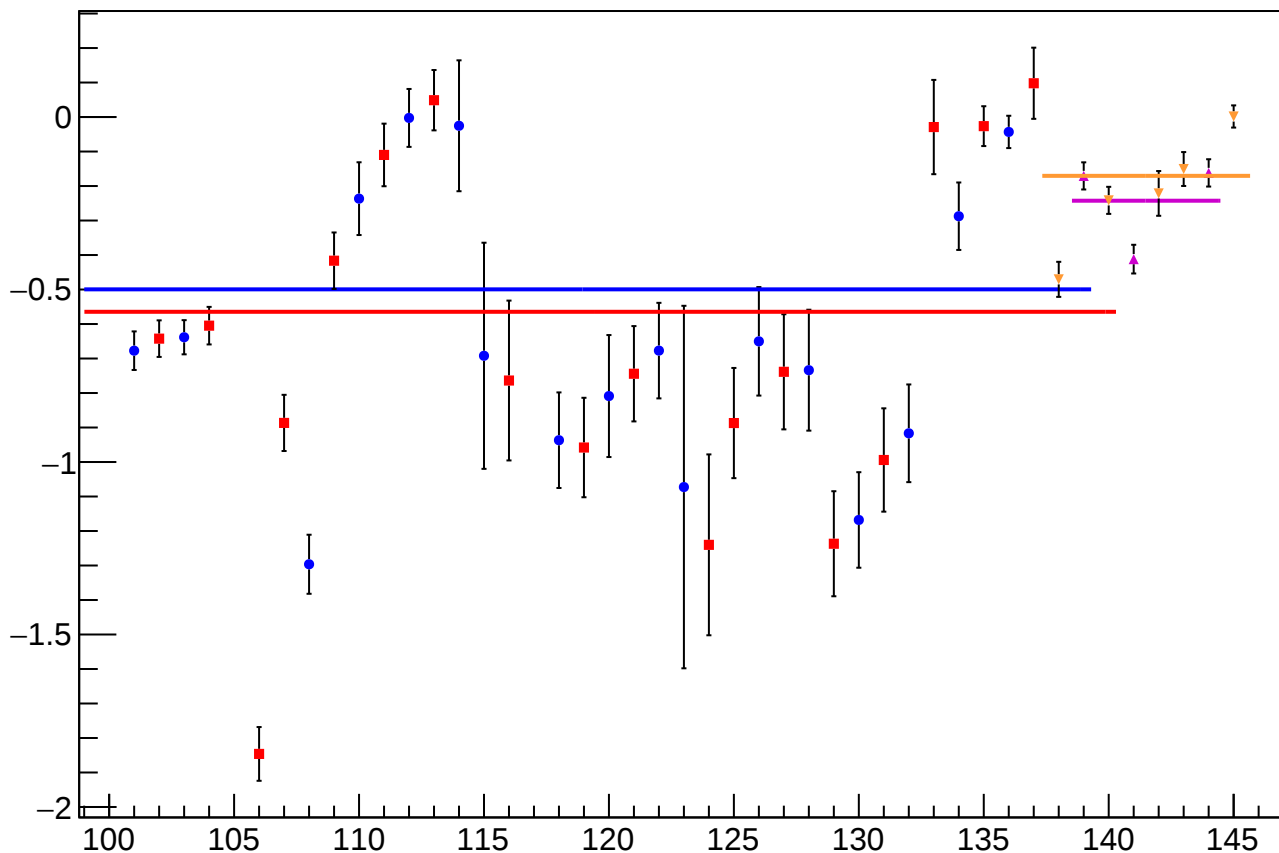
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.222 $\pm$ 0.331 χ^2 /NDF:4913.0/19

Out: 74.678 $\pm$ 0.302 χ^2 /NDF:6155.5/22

All: 74.471 $\pm$ 0.223 χ^2 /NDF: 11069.5/42

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: -0.243 ± 0.023 χ^2/NDF : 24.1/2

Left: -0.200 ± 0.015 χ^2/NDF : 97.3/7

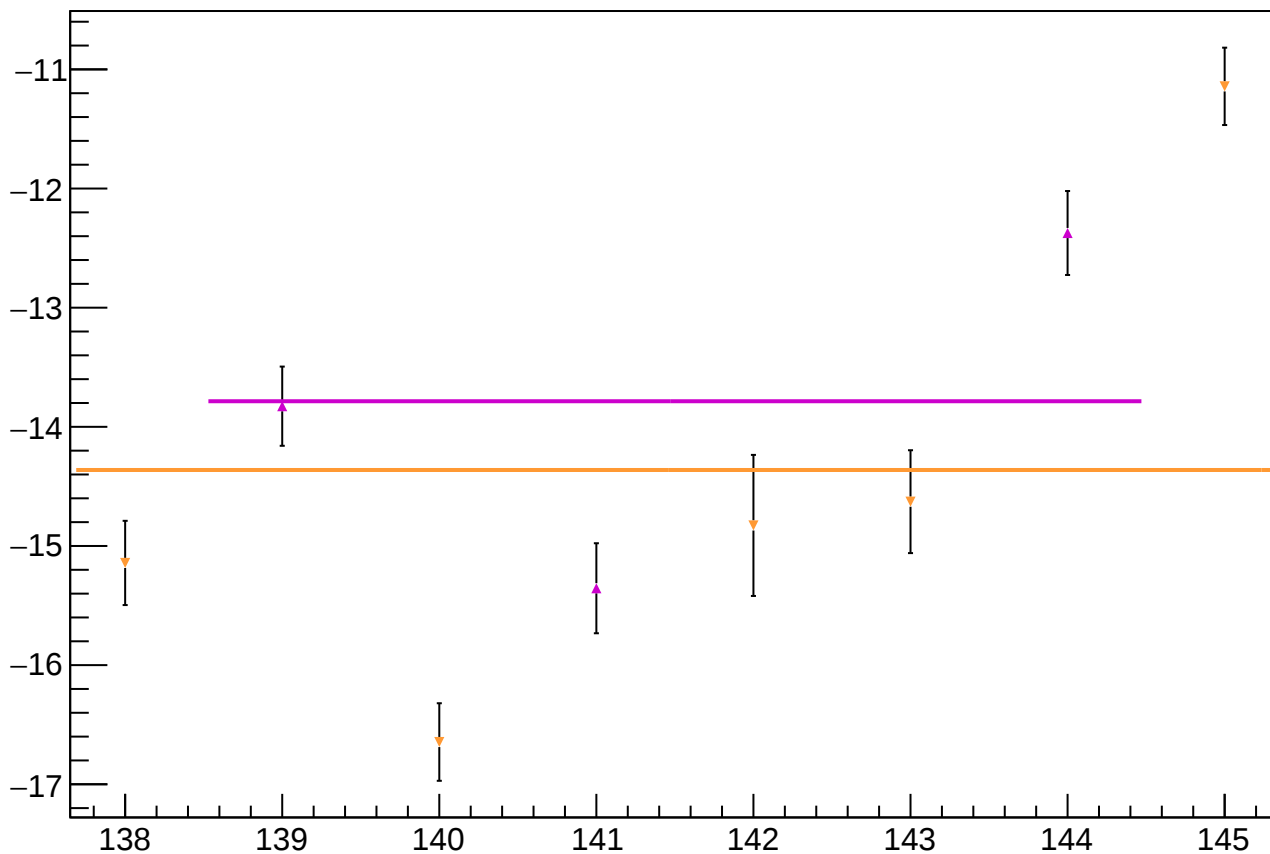
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.376 ± 0.016 χ^2/NDF : 390.5/19

Out: -0.347 ± 0.014 χ^2/NDF : 811.6/22

All: -0.360 ± 0.011 χ^2/NDF : 1203.9/42

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: -13.785+/-0.204 χ^2/NDF :33.3/2

Left: -14.127+/-0.130 χ^2/NDF : 191.6/7

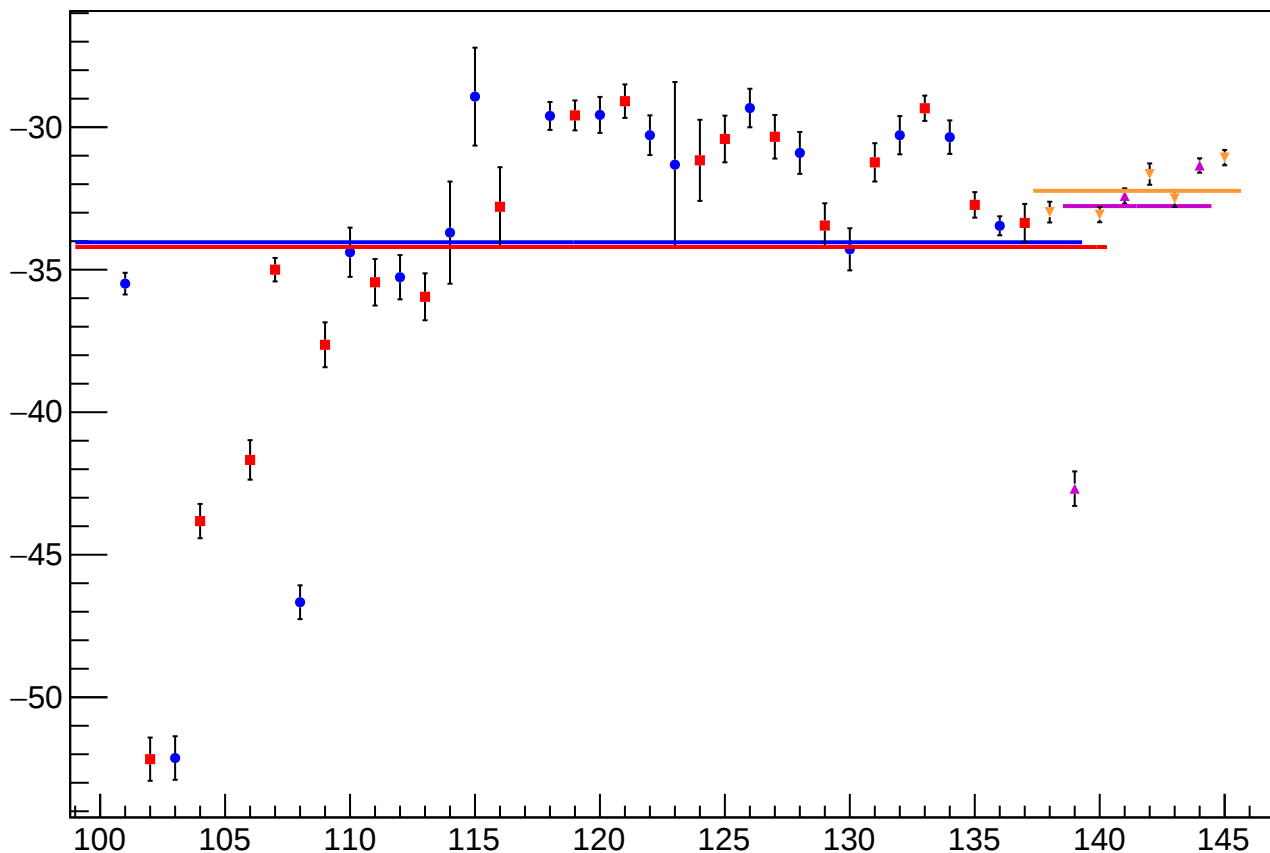
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.785+/-0.204 χ^2/NDF :33.3/2

Out: -14.362+/-0.169 χ^2/NDF :153.5/4

All: -14.127+/-0.130 χ^2/NDF : 191.6/7

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: -32.768 ± 0.177 χ^2/NDF : 301.4/2

Left: -32.433 ± 0.108 χ^2/NDF : 343.1/7

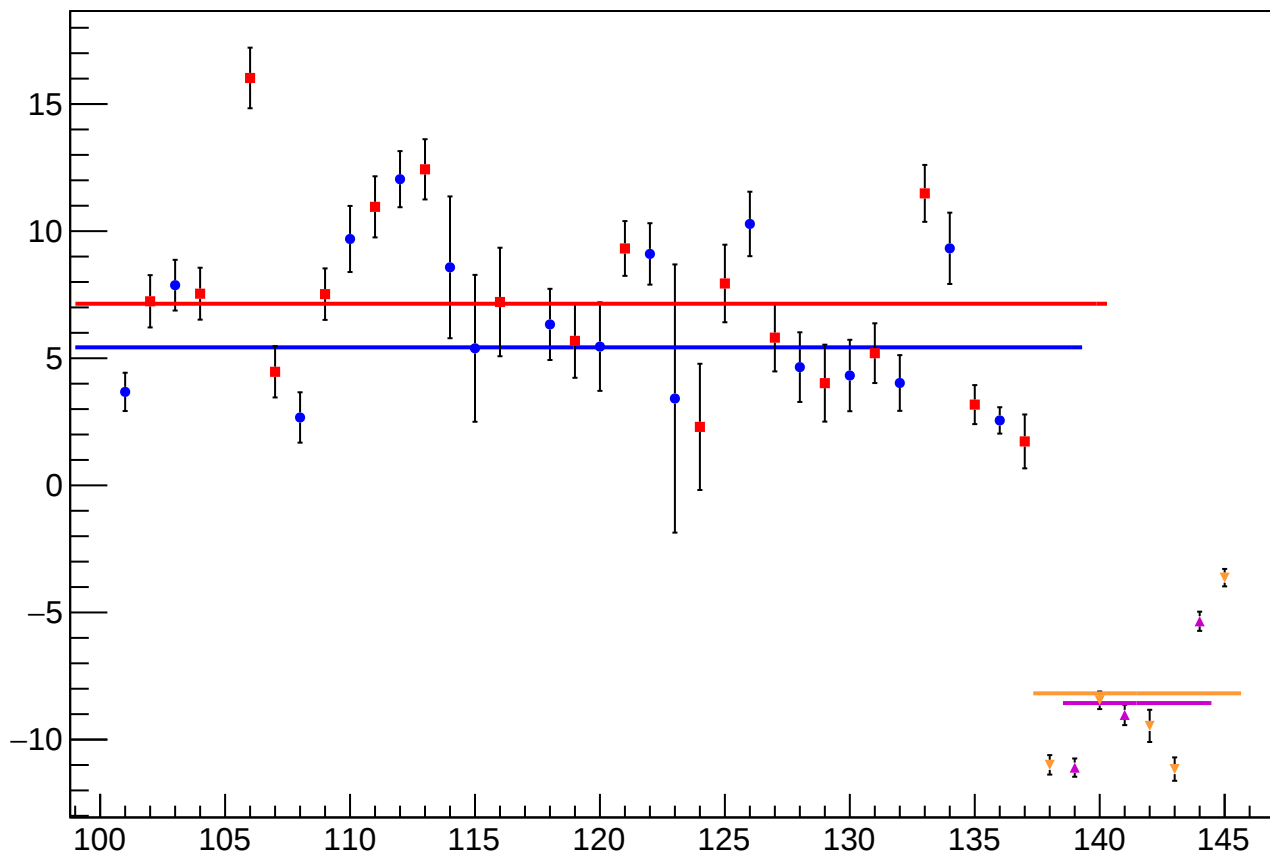
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -33.503 ± 0.115 χ^2/NDF : 1674.2/19

Out: -33.121 ± 0.101 χ^2/NDF : 1450.6/22

All: -33.288 ± 0.076 χ^2/NDF : 3131.0/42

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: -8.564 ± 0.218 $\chi^2/\text{NDF}: 123.9/2$

Left: -8.336 ± 0.139 $\chi^2/\text{NDF}: 402.1/7$

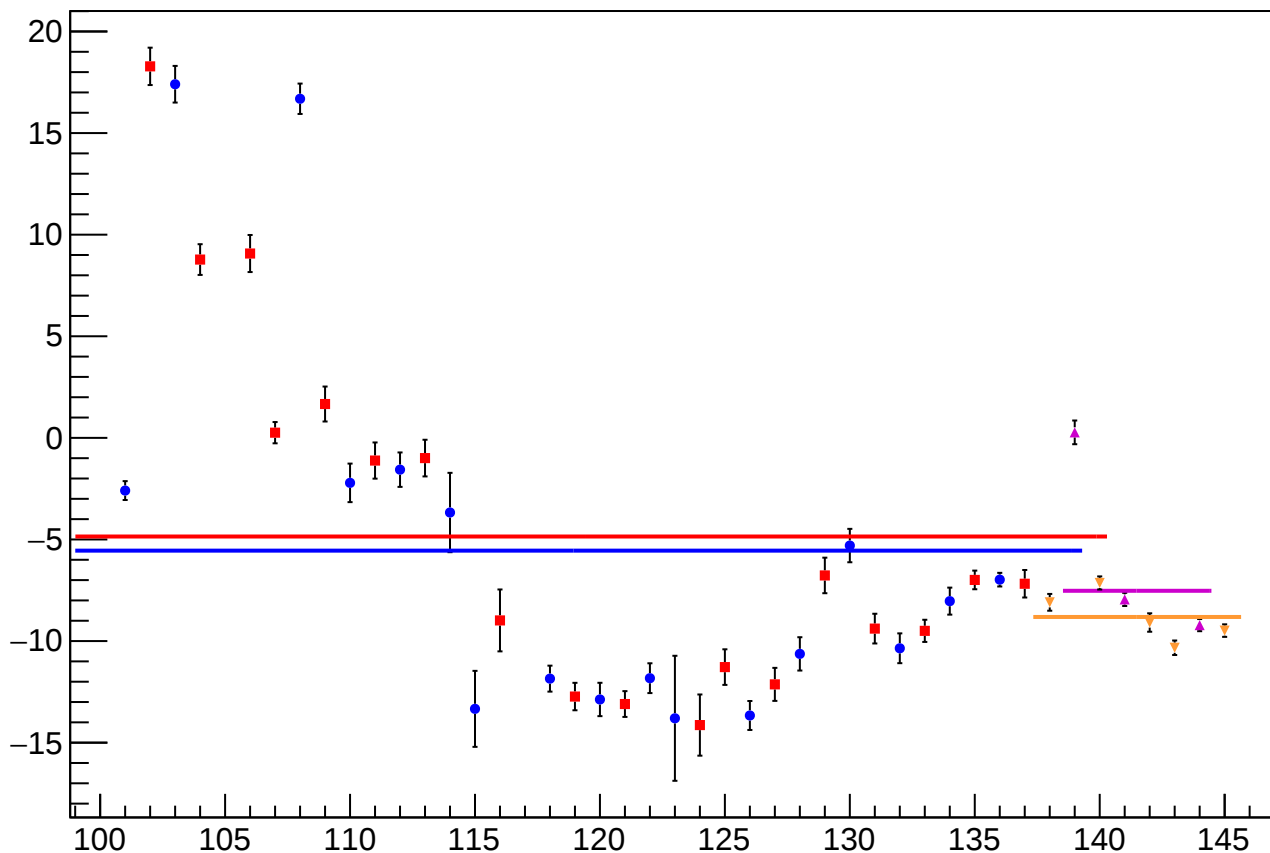
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -3.025 ± 0.170 $\chi^2/\text{NDF}: 1880.5/19$

Out: -3.579 ± 0.151 $\chi^2/\text{NDF}: 2628.5/22$

All: -3.335 ± 0.113 $\chi^2/\text{NDF}: 4515.0/42$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 $\chi^2/\text{NDF}: 2126.6/16$

Left Out: -8.814 ± 0.161 $\chi^2/\text{NDF}: 53.1/4$

Right Out: -4.854 ± 0.173 $\chi^2/\text{NDF}: 2013.1/17$

Left In: -7.526 ± 0.206 $\chi^2/\text{NDF}: 212.2/2$

Left: -8.326 ± 0.127 $\chi^2/\text{NDF}: 289.6/7$

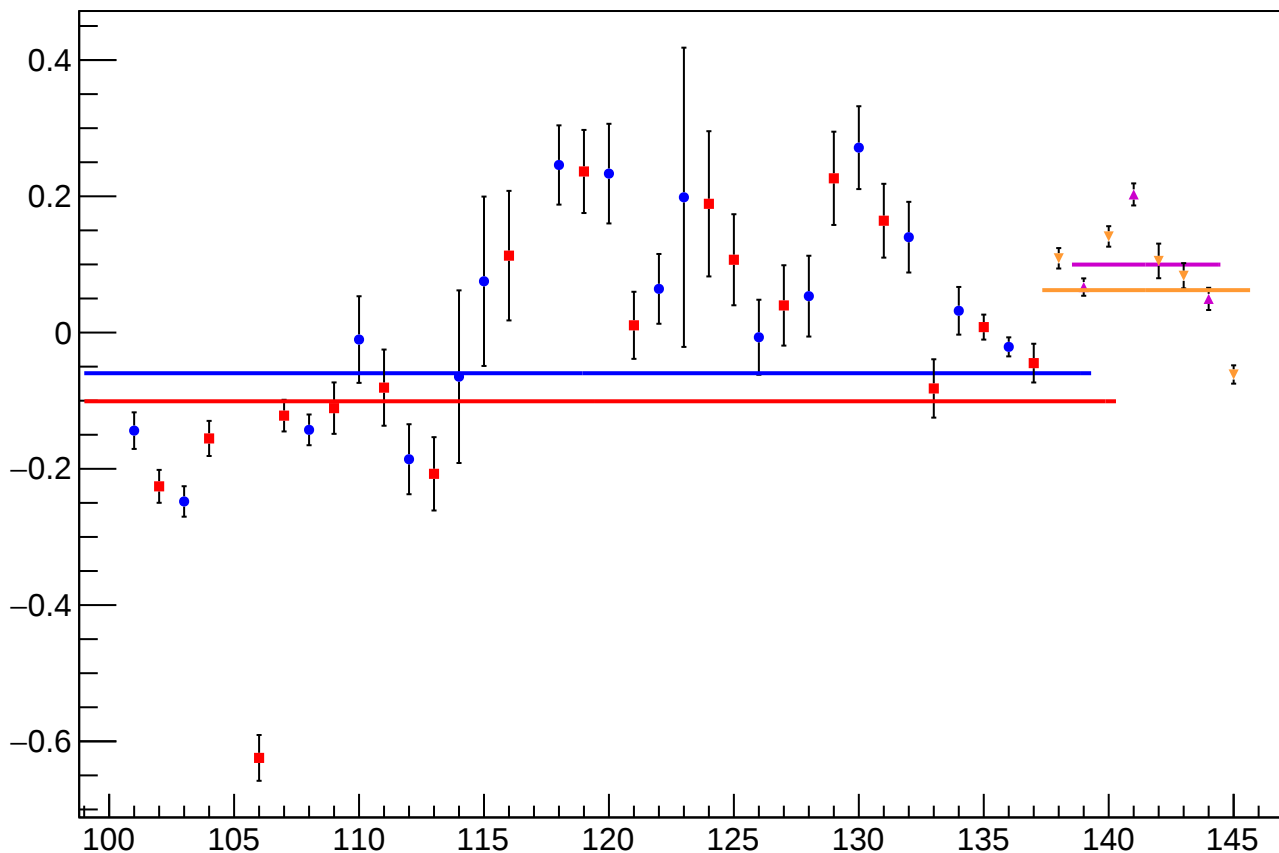
Right: -5.208 ± 0.121 $\chi^2/\text{NDF}: 4147.9/34$

In: -6.352 ± 0.131 $\chi^2/\text{NDF}: 2393.6/19$

Out: -6.977 ± 0.118 $\chi^2/\text{NDF}: 2347.6/22$

All: -6.698 ± 0.088 $\chi^2/\text{NDF}: 4753.8/42$

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 ± 0.009 χ^2/NDF : 56.7/2

Left: 0.078 ± 0.006 χ^2/NDF : 194.1/7

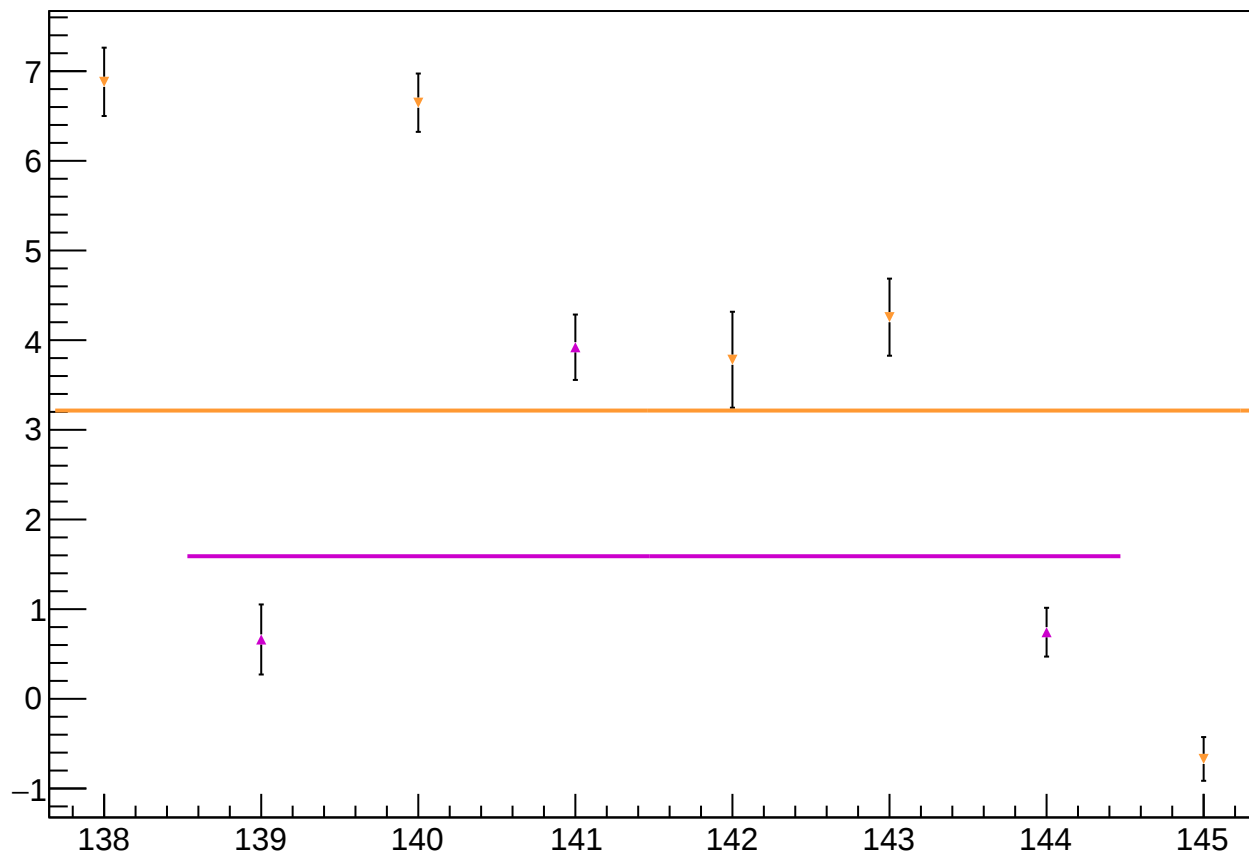
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.019 ± 0.006 χ^2/NDF : 450.7/19

Out: -0.007 ± 0.006 χ^2/NDF : 768.7/22

All: 0.005 ± 0.004 χ^2/NDF : 1229.6/42

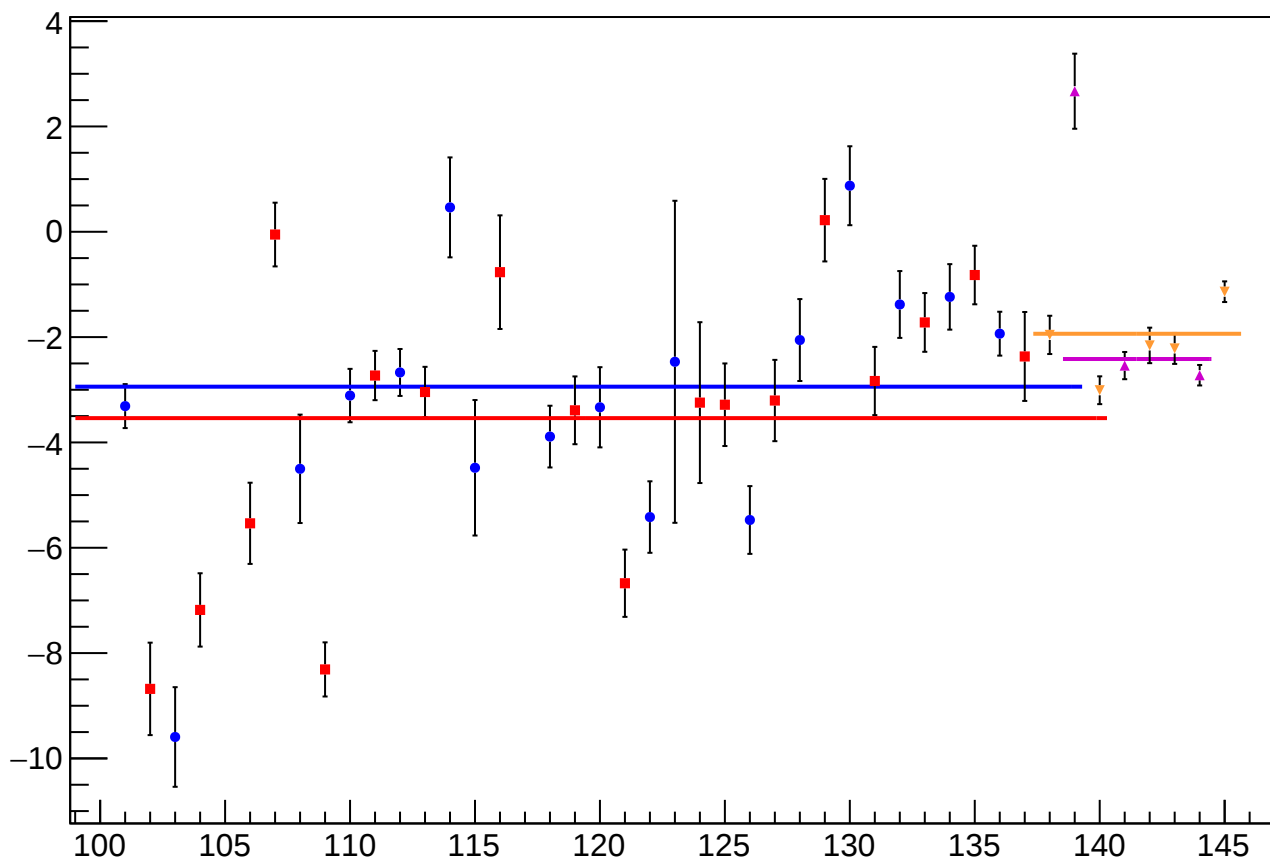
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.590 $\pm$ 0.190 χ^2 /NDF:56.2/2

Left: 2.571 $\pm$ 0.120 χ^2 /NDF: 564.9/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.590 $\pm$ 0.190 χ^2 /NDF:56.2/2
 Out: 3.215 $\pm$ 0.154 χ^2 /NDF:464.8/4
 All: 2.571 $\pm$ 0.120 χ^2 /NDF: 564.9/7

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: -2.416 ± 0.152 χ^2/NDF : 53.6/2

Left: -2.123 ± 0.095 χ^2/NDF : 94.1/7

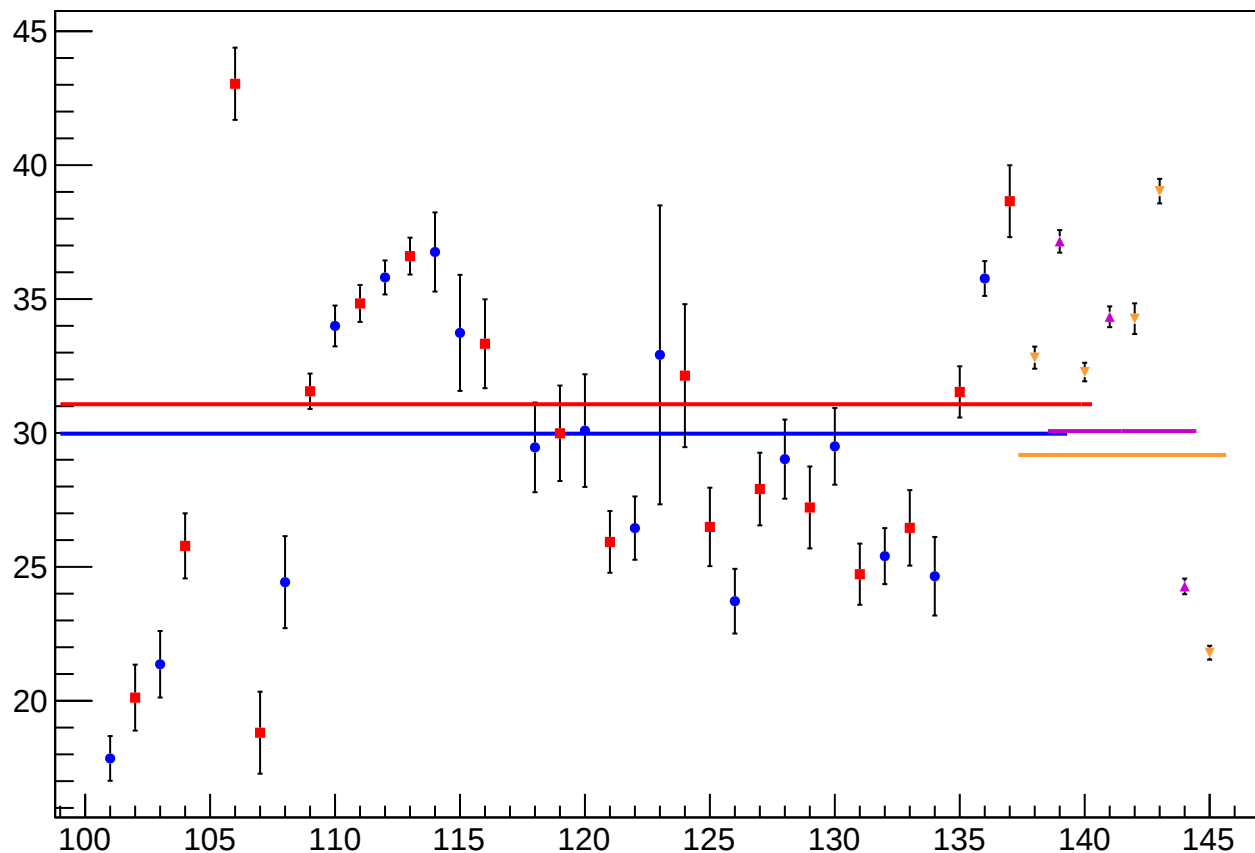
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.674 ± 0.108 χ^2/NDF : 205.1/19

Out: -2.545 ± 0.095 χ^2/NDF : 384.5/22

All: -2.602 ± 0.072 χ^2/NDF : 590.4/42

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 29.179 ± 0.165 $\chi^2/\text{NDF}: 1506.6/4$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 30.071 ± 0.204 $\chi^2/\text{NDF}: 797.8/2$

Left: 29.531 ± 0.128 $\chi^2/\text{NDF}: 2316.0/7$

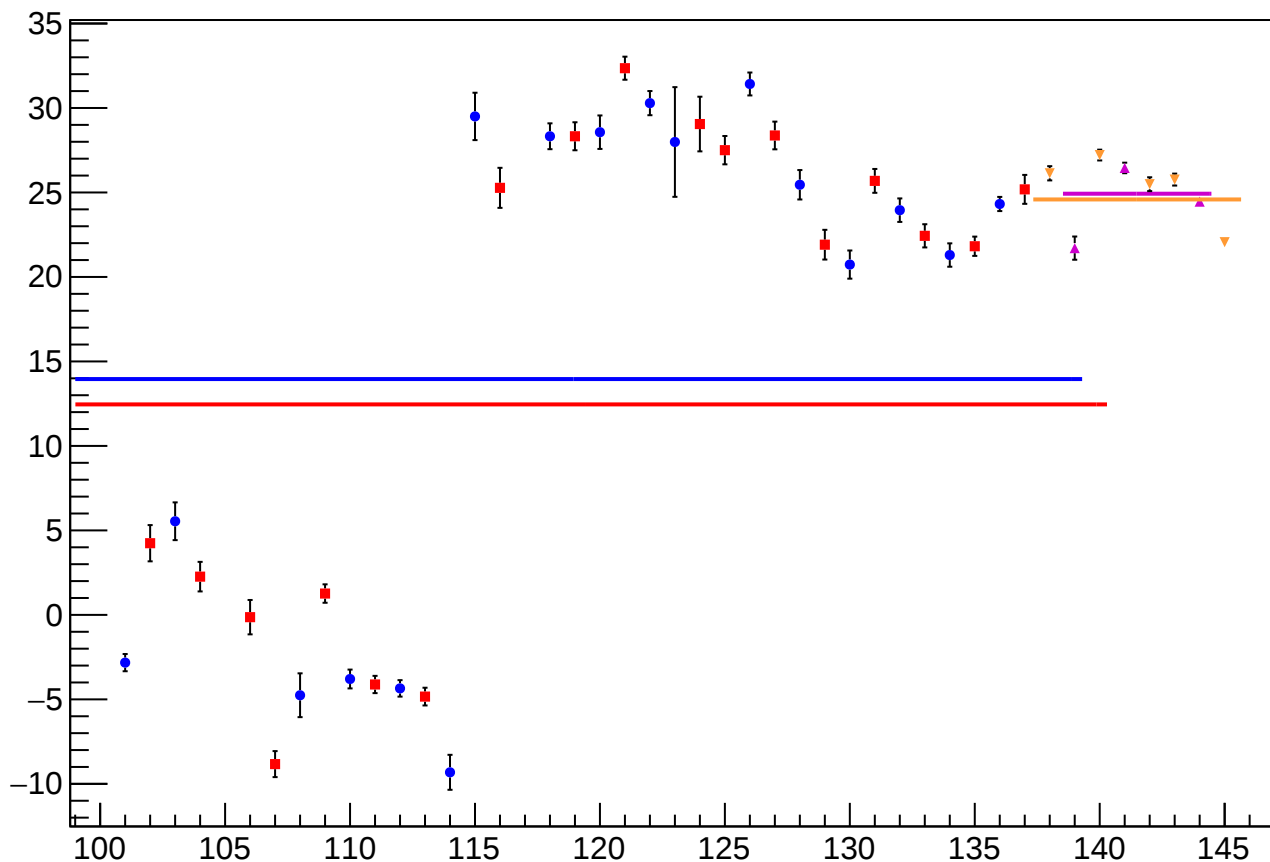
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 30.035 ± 0.162 $\chi^2/\text{NDF}: 1351.8/19$

Out: 29.720 ± 0.139 $\chi^2/\text{NDF}: 1997.7/22$

All: 29.854 ± 0.106 $\chi^2/\text{NDF}: 3351.7/42$

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: 24.927 $\pm$ 0.179 χ^2 /NDF:50.0/2

Left: 24.719 $\pm$ 0.112 χ^2 /NDF: 273.8/7

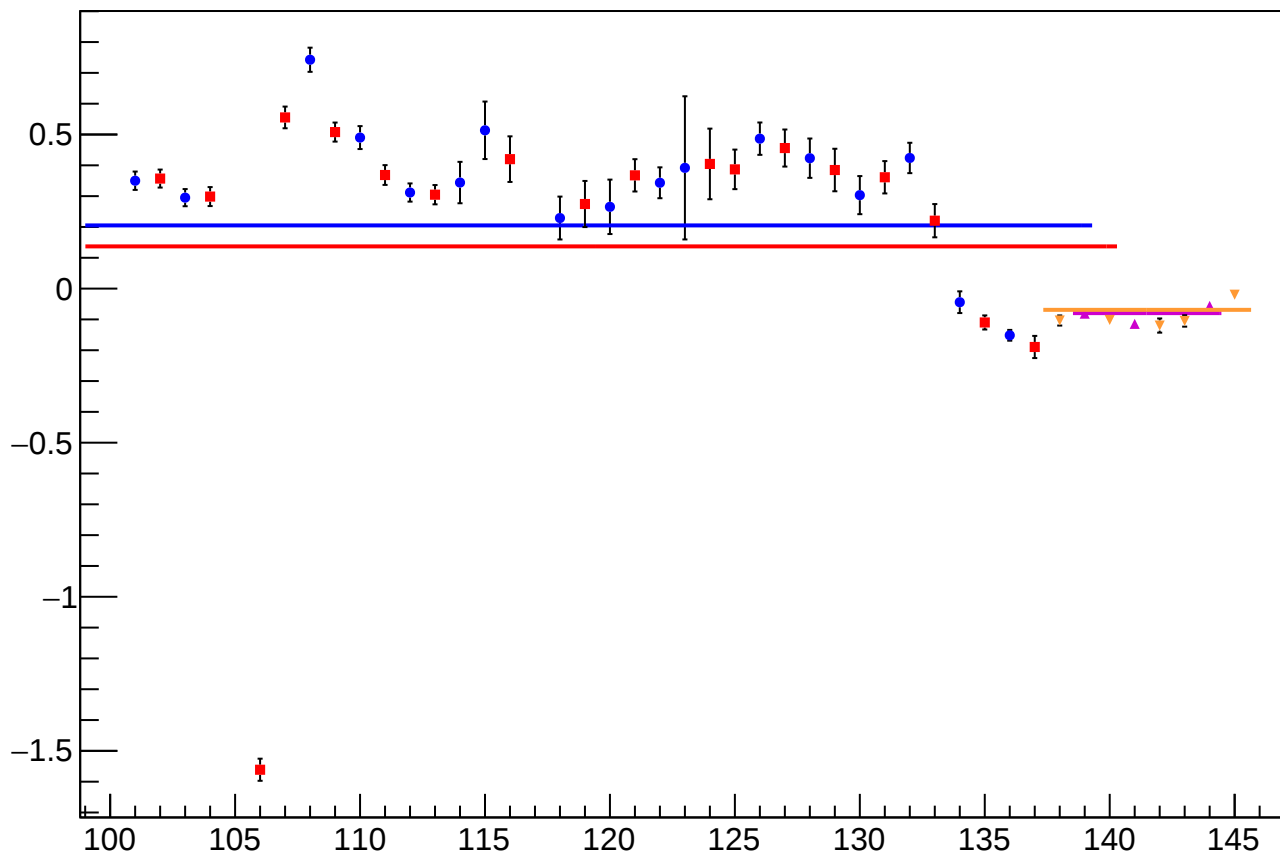
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.235 $\pm$ 0.124 χ^2 /NDF:9348.8/19

Out: 19.686 $\pm$ 0.110 χ^2 /NDF:10106.4/22

All: 19.487 $\pm$ 0.083 χ^2 /NDF: 19462.5/42

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: -0.080 $\pm$ 0.008 χ^2 /NDF:8.5/2

Left: -0.073 $\pm$ 0.005 χ^2 /NDF: 50.7/7

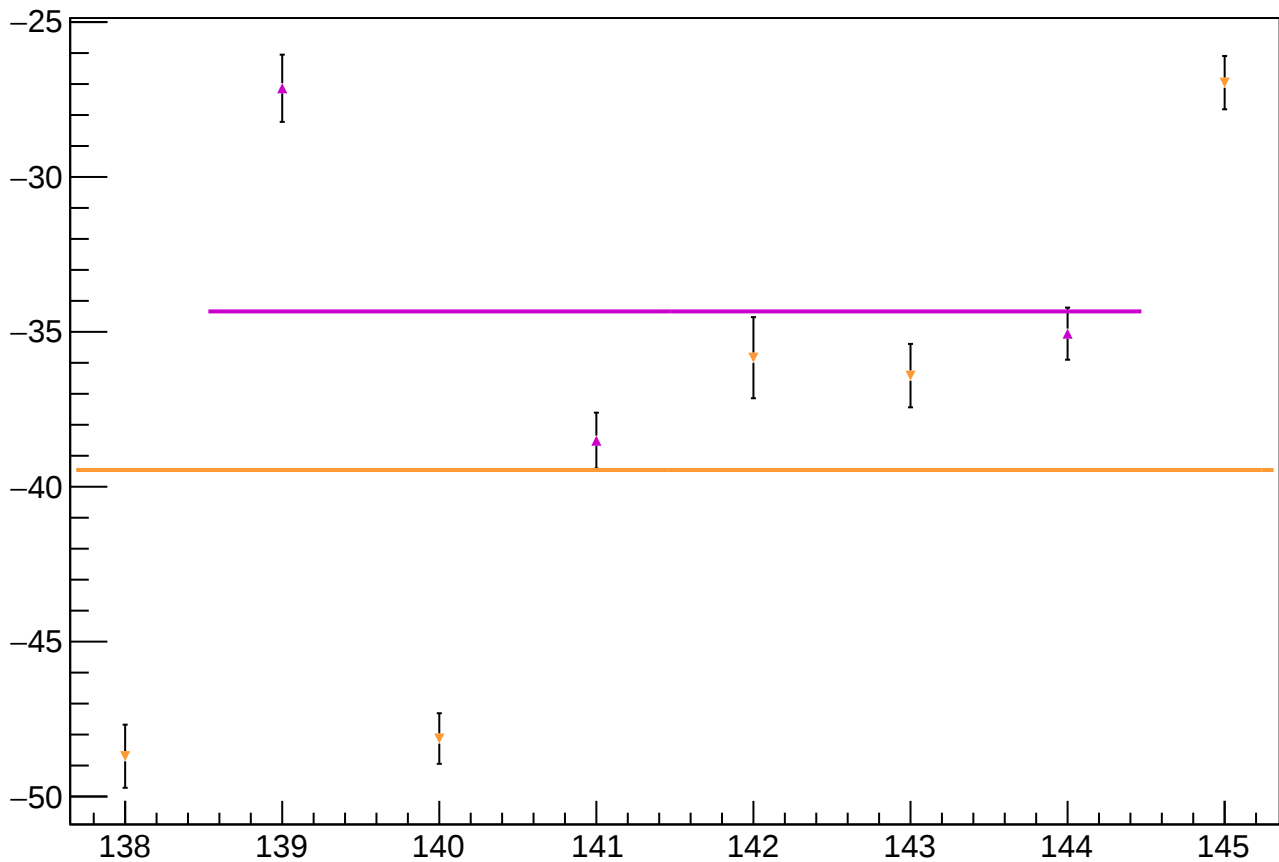
Right: 0.170 $\pm$ 0.007 χ^2 /NDF: 3881.4/34

In: 0.044 $\pm$ 0.006 χ^2 /NDF:1377.6/19

Out: 0.002 $\pm$ 0.005 χ^2 /NDF:3377.0/22

All: 0.020 $\pm$ 0.004 χ^2 /NDF: 4781.1/42

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: -34.340+/-0.536 χ^2/NDF : 66.1/2

Left: -37.440+/-0.336 χ^2/NDF : 543.9/7

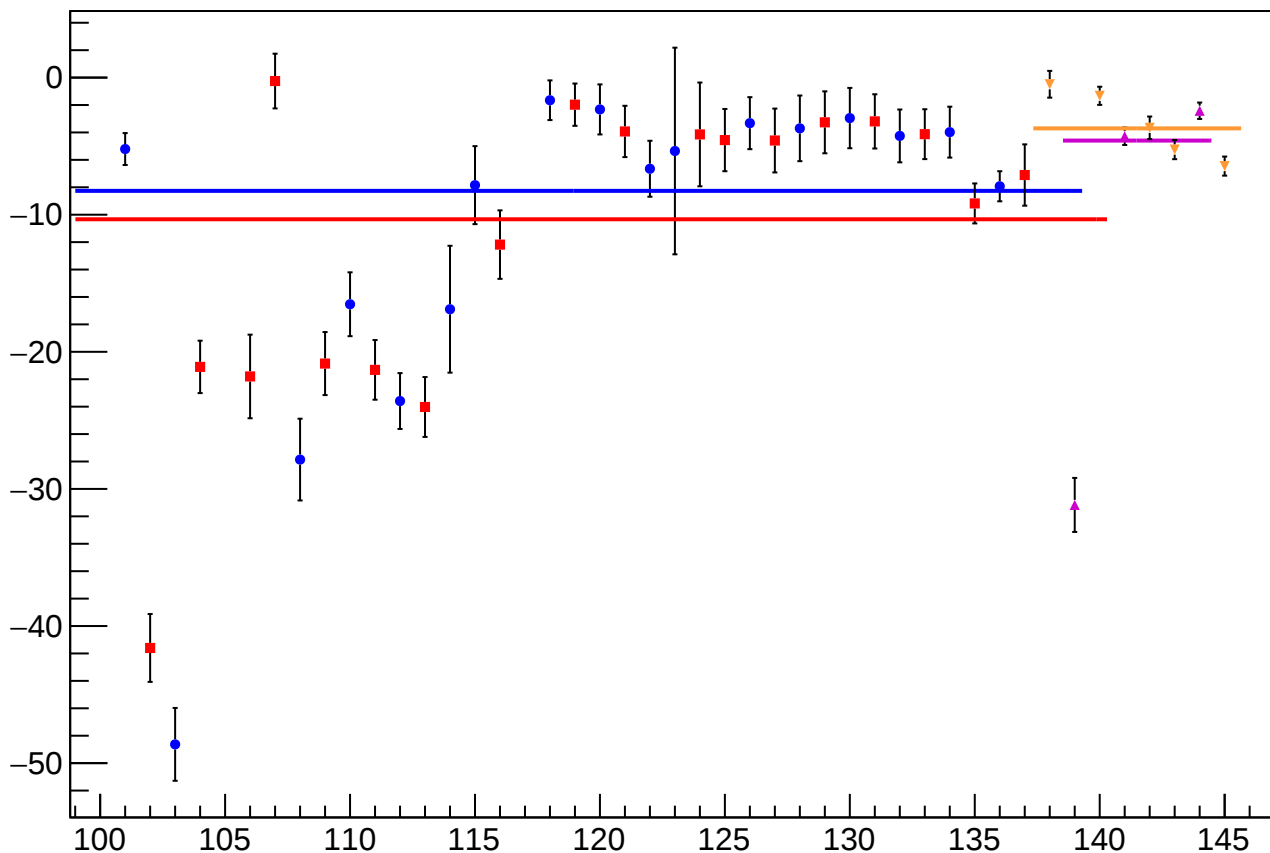
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.340+/-0.536 χ^2/NDF : 66.1/2

Out: -39.459+/-0.432 χ^2/NDF : 422.5/4

All: -37.440+/-0.336 χ^2/NDF : 543.9/7

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: -4.593 ± 0.427 $\chi^2/\text{NDF}: 195.3/2$

Left: -4.042 ± 0.264 $\chi^2/\text{NDF}: 242.3/7$

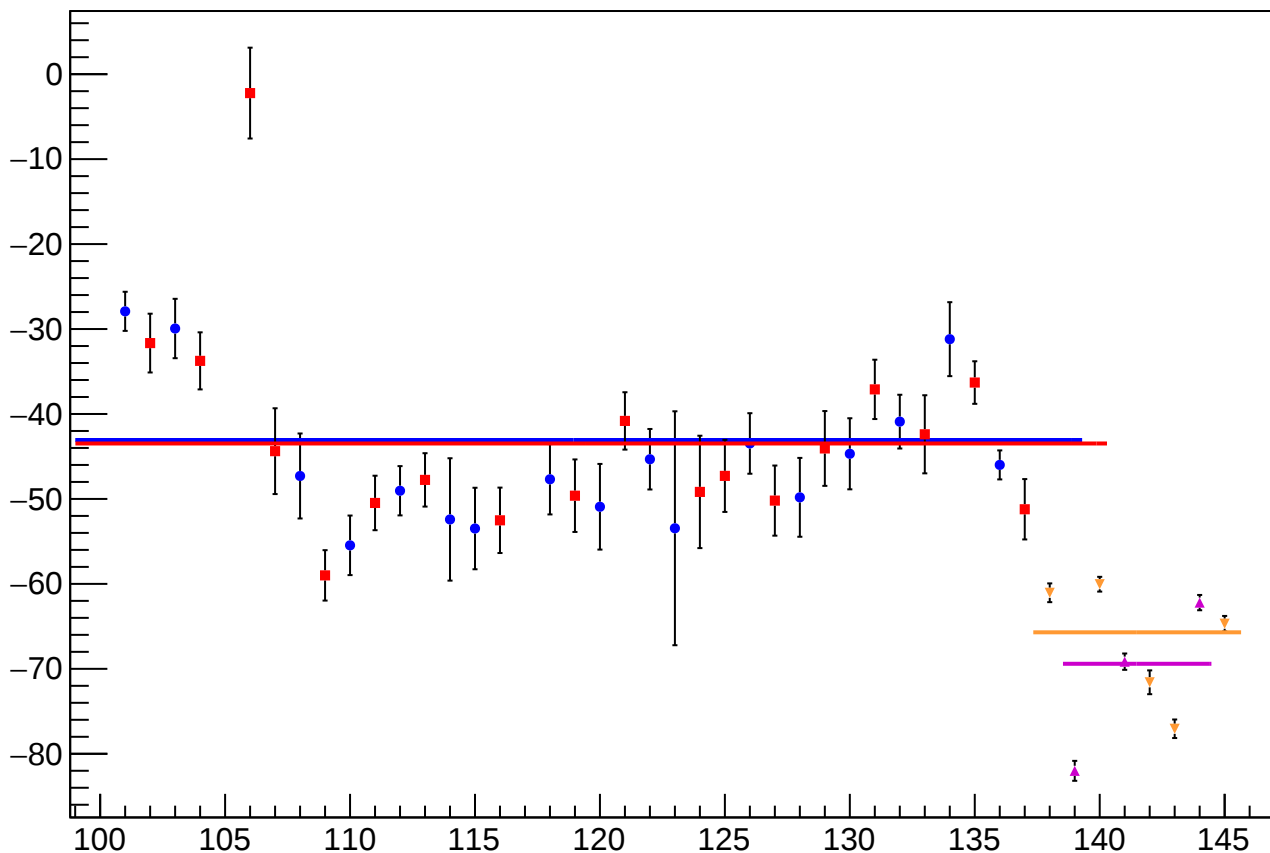
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -6.280 ± 0.314 $\chi^2/\text{NDF}: 641.2/19$

Out: -5.808 ± 0.277 $\chi^2/\text{NDF}: 579.6/22$

All: -6.014 ± 0.208 $\chi^2/\text{NDF}: 1222.0/42$

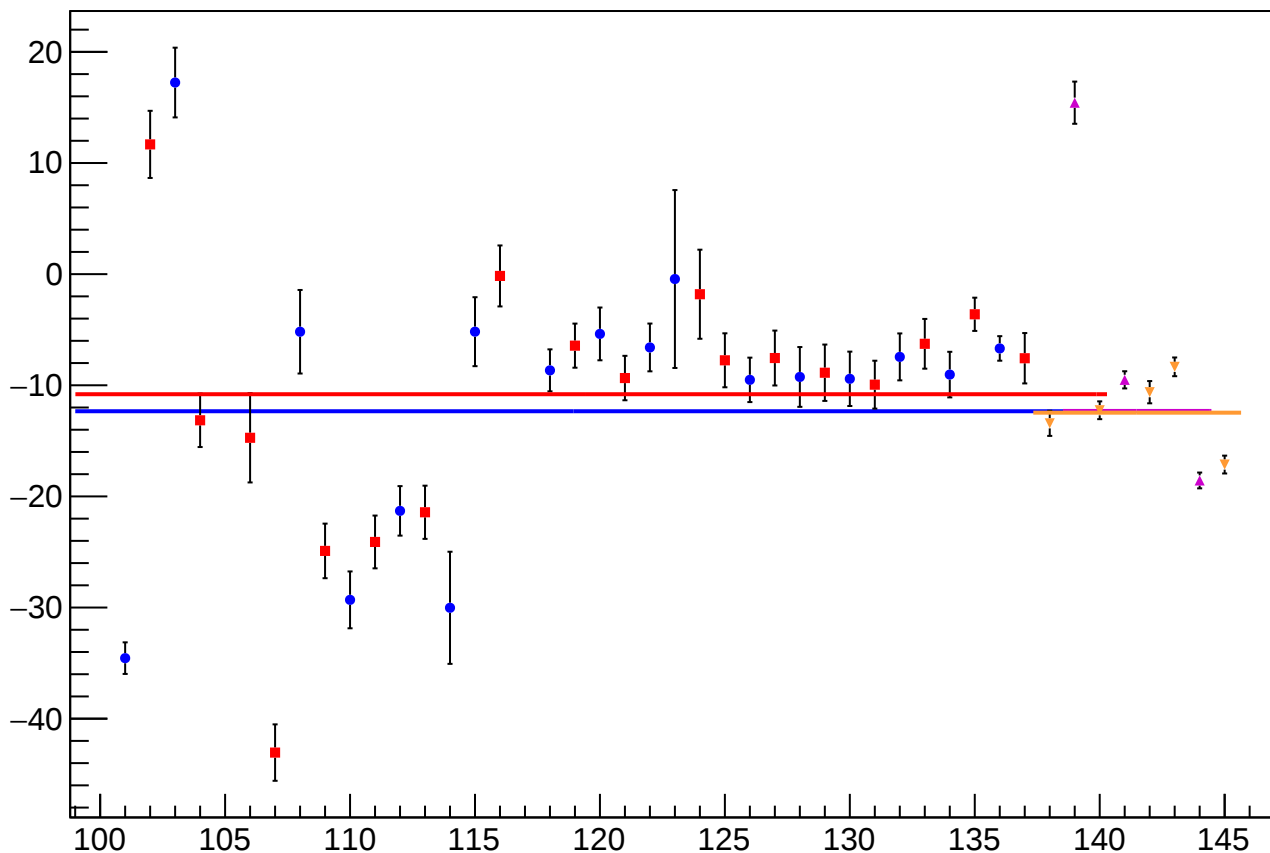
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -69.406 ± 0.573 $\chi^2/\text{NDF}: 179.3/2$

Left: -67.160 ± 0.360 $\chi^2/\text{NDF}: 391.8/7$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -60.968 ± 0.473 $\chi^2/\text{NDF}: 954.3/19$
 Out: -60.803 ± 0.408 $\chi^2/\text{NDF}: 839.9/22$
 All: -60.873 ± 0.309 $\chi^2/\text{NDF}: 1794.3/42$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 $\pm$ 0.520 χ^2 /NDF: 475.2/16

Left Out: -12.465 $\pm$ 0.398 χ^2 /NDF: 62.0/4

Right Out: -10.804 $\pm$ 0.554 χ^2 /NDF: 361.4/17

Left In: -12.310 $\pm$ 0.504 χ^2 /NDF: 304.1/2

Left: -12.405 $\pm$ 0.313 χ^2 /NDF: 366.2/7

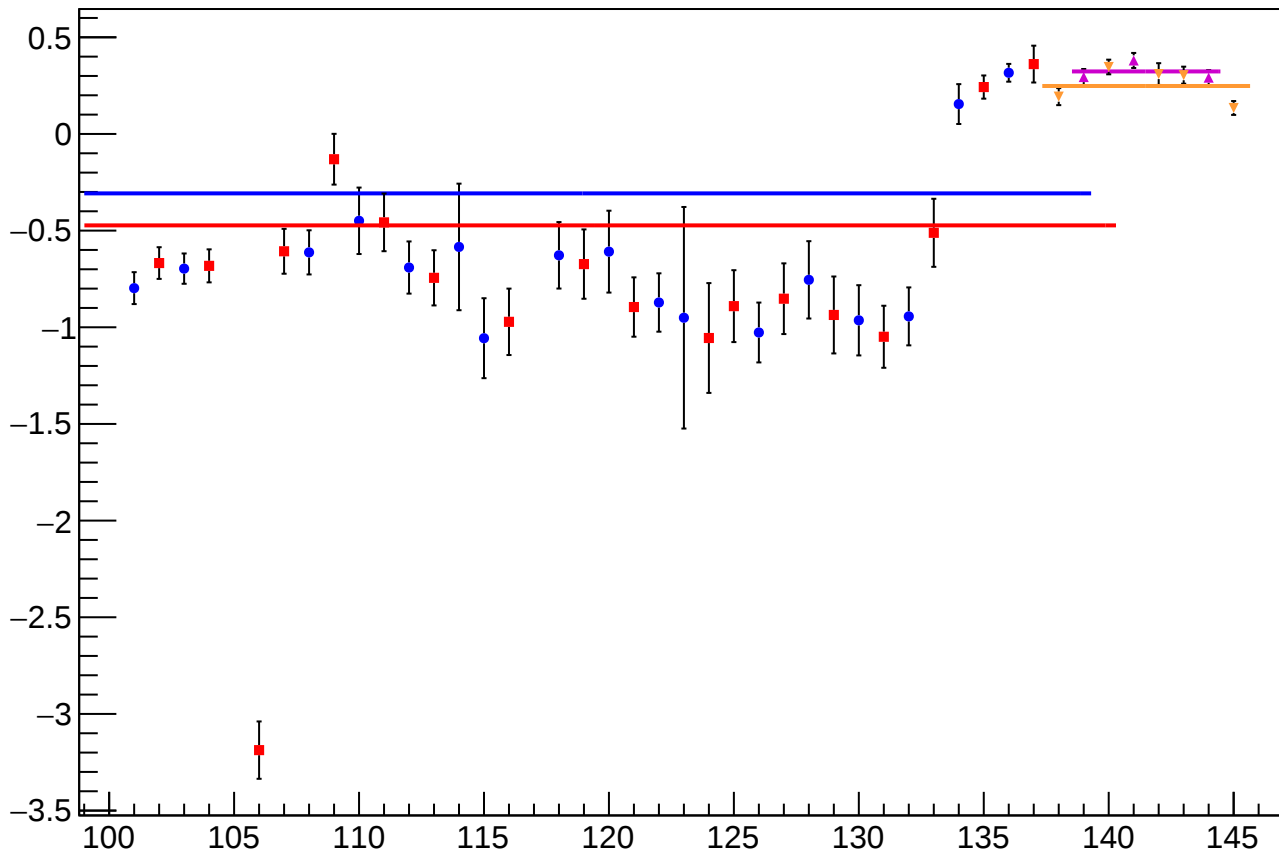
Right: -11.618 $\pm$ 0.379 χ^2 /NDF: 840.6/34

In: -12.322 $\pm$ 0.362 χ^2 /NDF: 779.3/19

Out: -11.899 $\pm$ 0.323 χ^2 /NDF: 429.3/22

All: -12.087 $\pm$ 0.241 χ^2 /NDF: 1209.3/42

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: 0.323 ± 0.023 χ^2/NDF : 3.3/2

Left: 0.278 ± 0.015 χ^2/NDF : 30.9/7

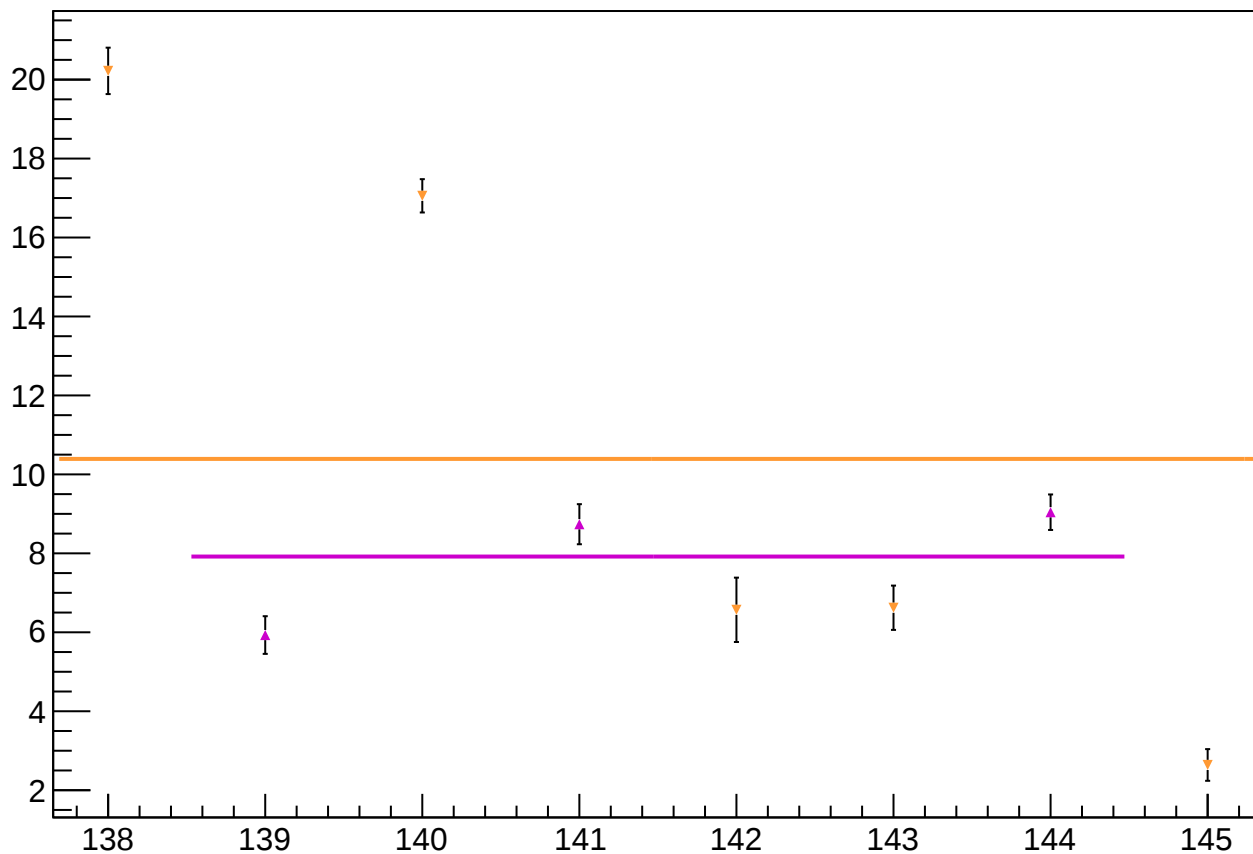
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.064 ± 0.018 χ^2/NDF : 684.6/19

Out: 0.030 ± 0.016 χ^2/NDF : 1090.6/22

All: 0.045 ± 0.012 χ^2/NDF : 1777.2/42

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: 7.919+/-0.275 χ^2/NDF :26.2/2

Left: 9.390+/-0.175 χ^2/NDF : 1043.6/7

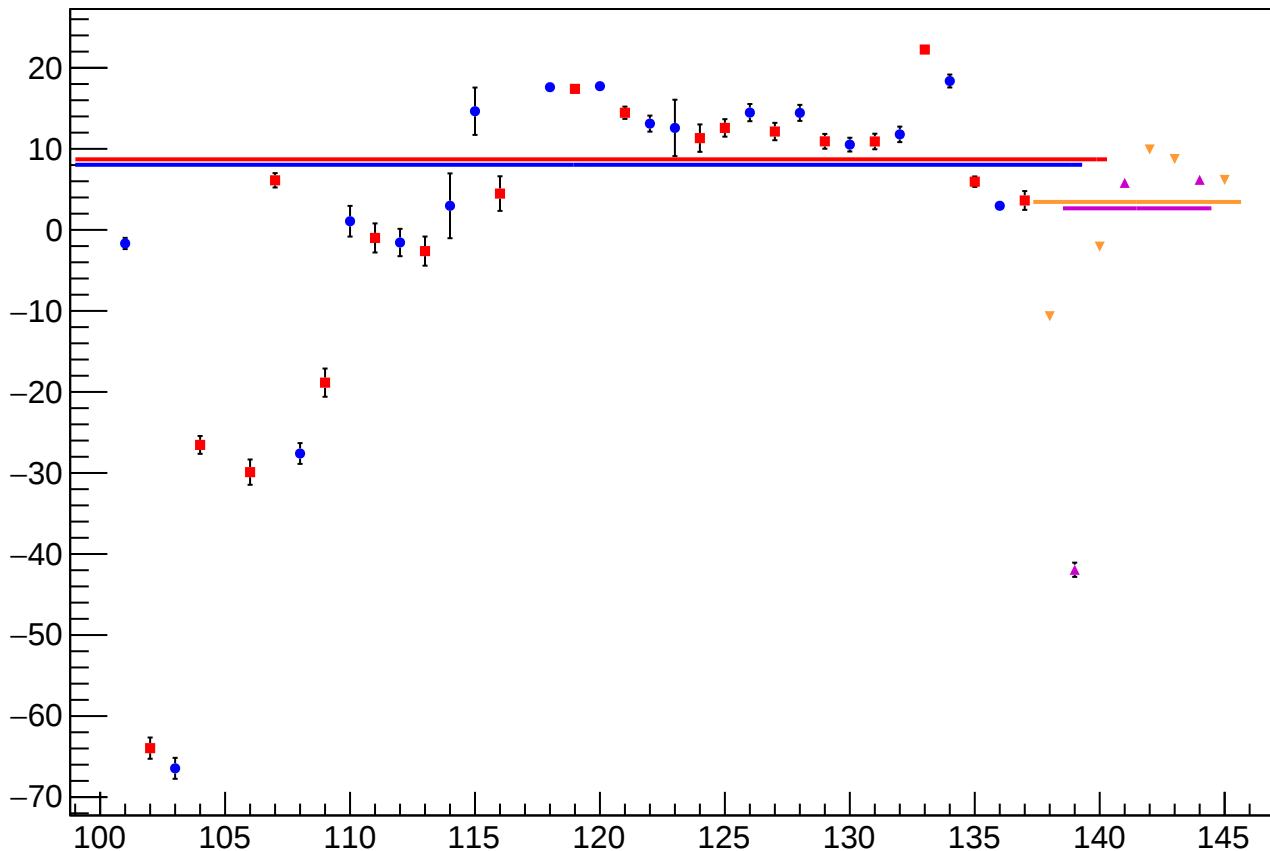
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.919+/-0.275 χ^2/NDF :26.2/2

Out: 10.392+/-0.227 χ^2/NDF :969.3/4

All: 9.390+/-0.175 χ^2/NDF : 1043.6/7

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: 2.659 ± 0.233 χ^2/NDF : 2765.5/2

Left: 3.152 ± 0.143 χ^2/NDF : 3993.8/7

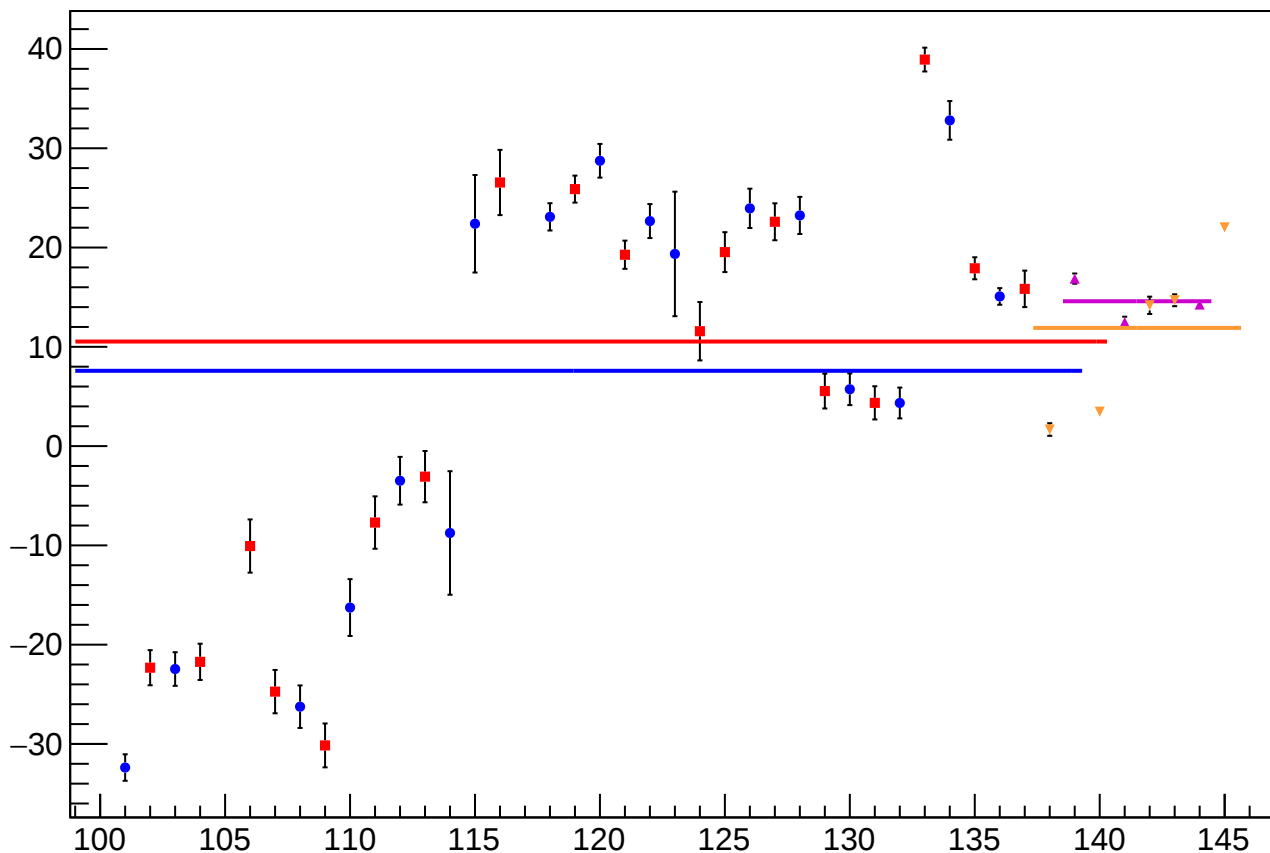
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 5.554 ± 0.158 χ^2/NDF : 8423.4/19

Out: 5.647 ± 0.138 χ^2/NDF : 7865.4/22

All: 5.607 ± 0.104 χ^2/NDF : 16289.1/42

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 11.906 ± 0.242 $\chi^2/\text{NDF}: 1207.1/4$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 14.591 ± 0.295 $\chi^2/\text{NDF}: 35.2/2$

Left: 12.988 ± 0.187 $\chi^2/\text{NDF}: 1291.8/7$

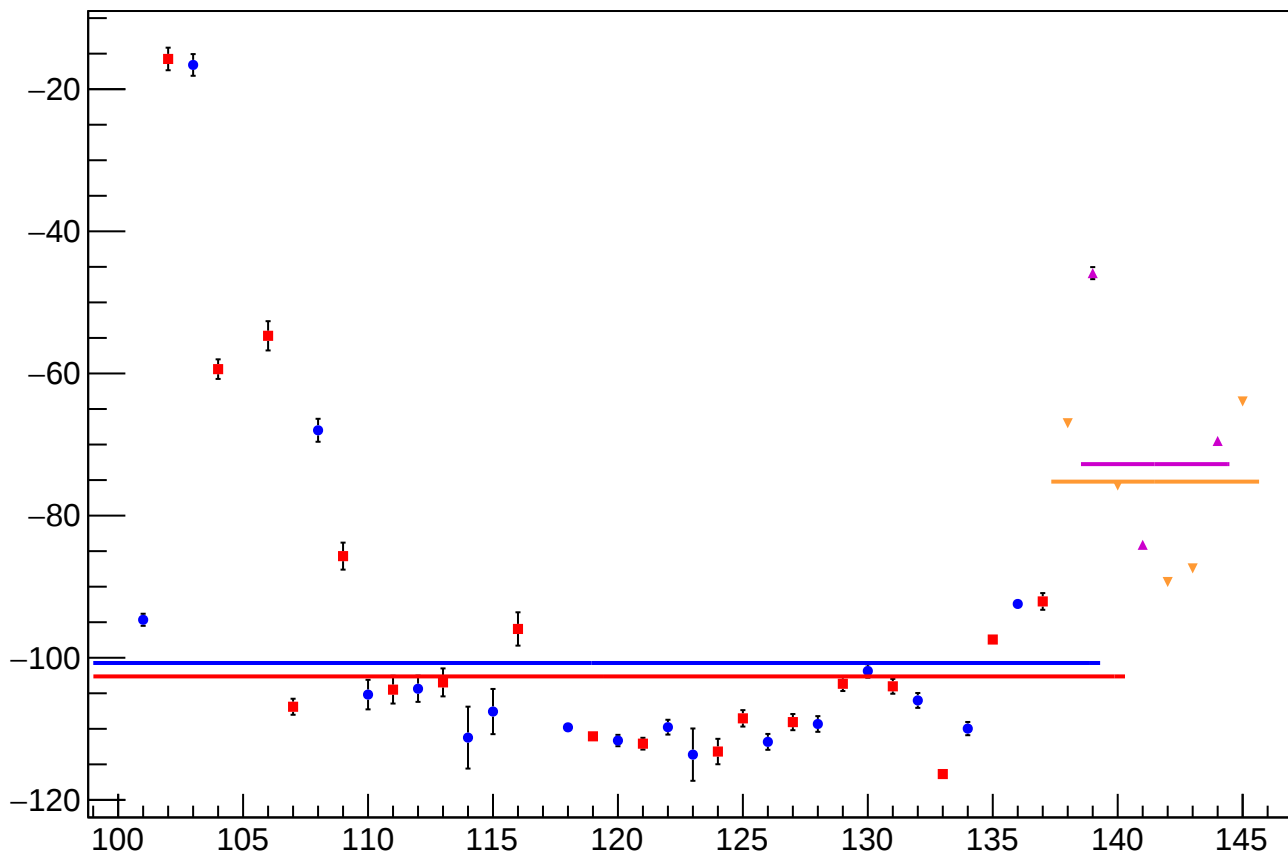
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 12.251 ± 0.241 $\chi^2/\text{NDF}: 2546.6/19$

Out: 11.560 ± 0.209 $\chi^2/\text{NDF}: 3494.6/22$

All: 11.858 ± 0.158 $\chi^2/\text{NDF}: 6045.9/42$

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: -72.755+/-0.272 χ^2/NDF : 1753.8/2

Left: -74.280+/-0.168 χ^2/NDF : 4042.6/7

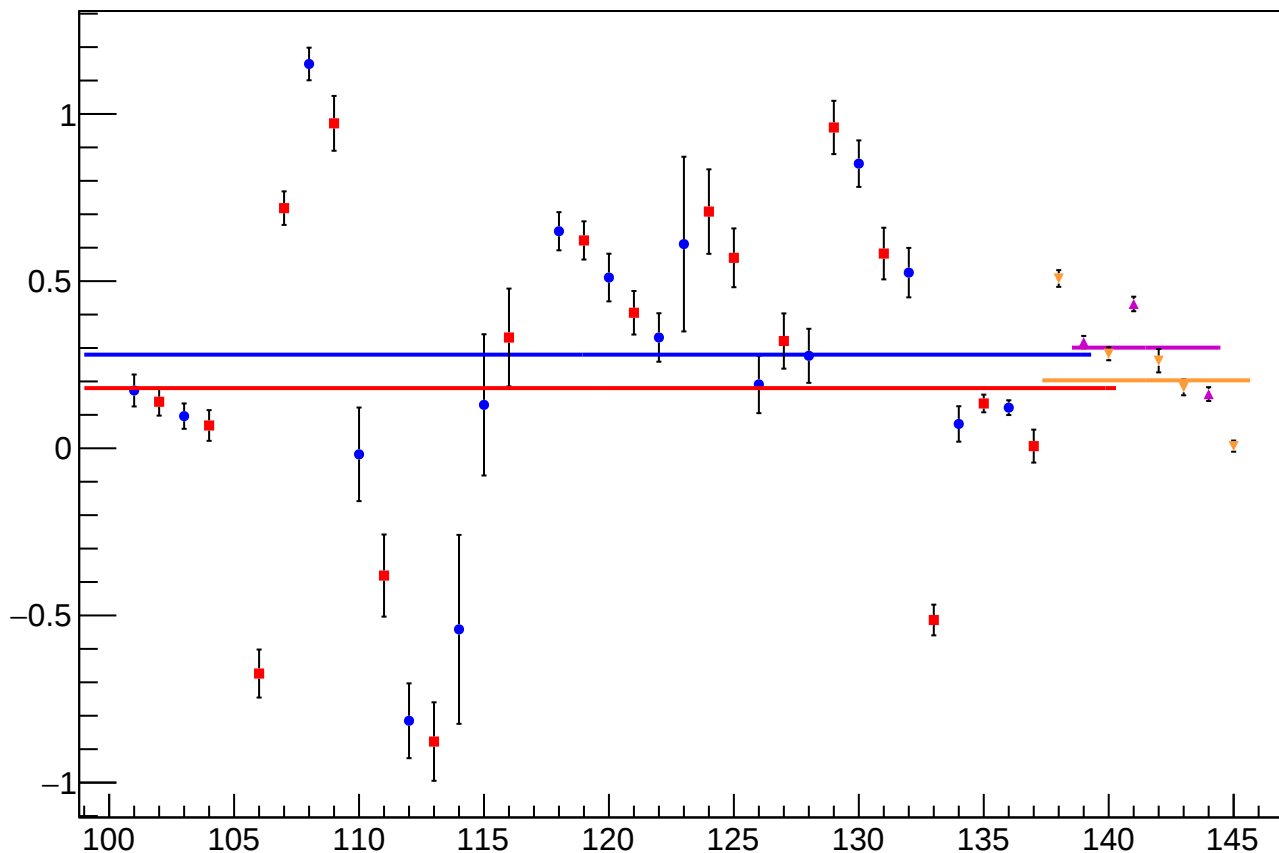
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -88.017+/-0.183 χ^2/NDF : 12046.3/19

Out: -86.978+/-0.161 χ^2/NDF : 15034.6/22

All: -87.431+/-0.121 χ^2/NDF : 27099.0/42

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: 0.301 ± 0.012 χ^2/NDF : 81.9/2

Left: 0.244 ± 0.008 χ^2/NDF : 431.0/7

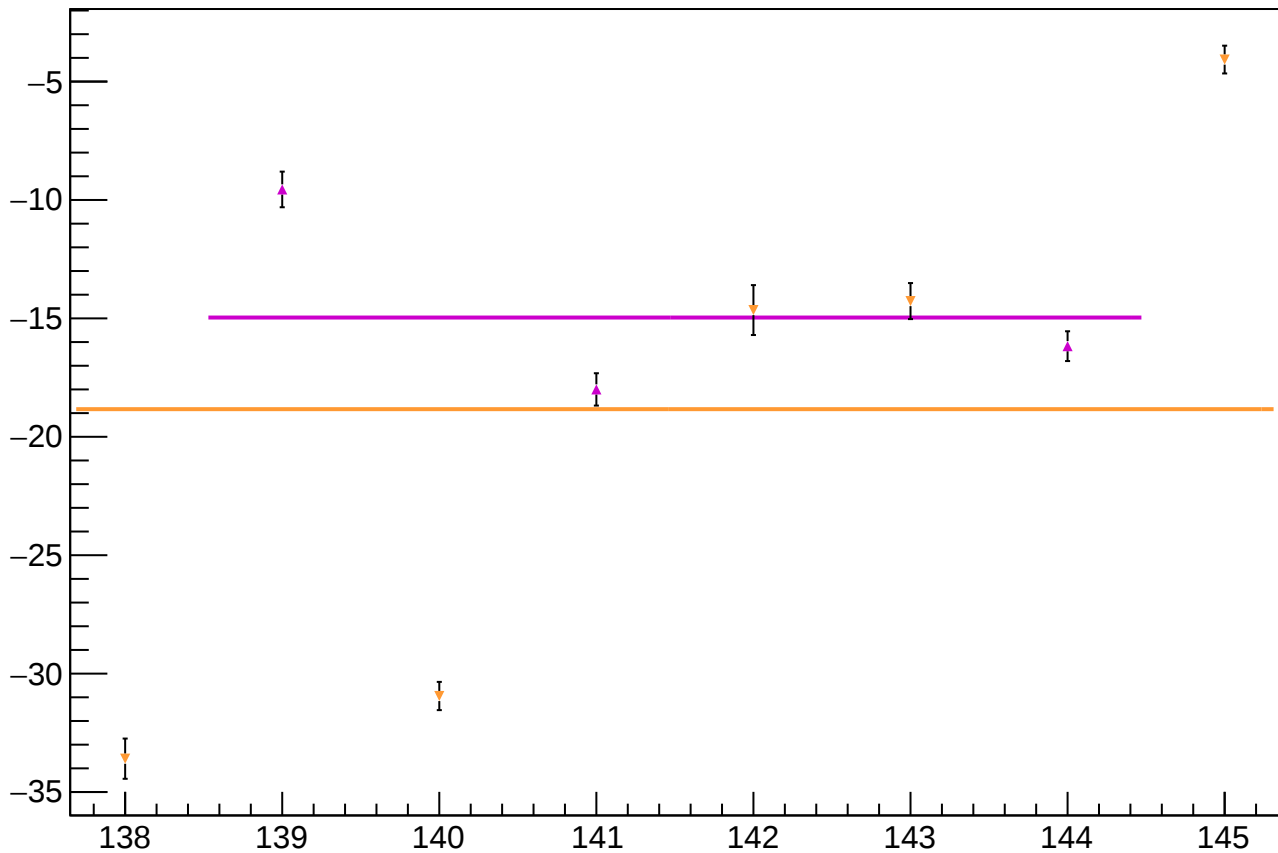
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.292 ± 0.009 χ^2/NDF : 739.6/19

Out: 0.195 ± 0.008 χ^2/NDF : 1247.0/22

All: 0.239 ± 0.006 χ^2/NDF : 2053.3/42

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: -14.964+/-0.394 χ^2/NDF :75.2/2

Left: -17.293+/-0.249 χ^2/NDF : 1533.1/7

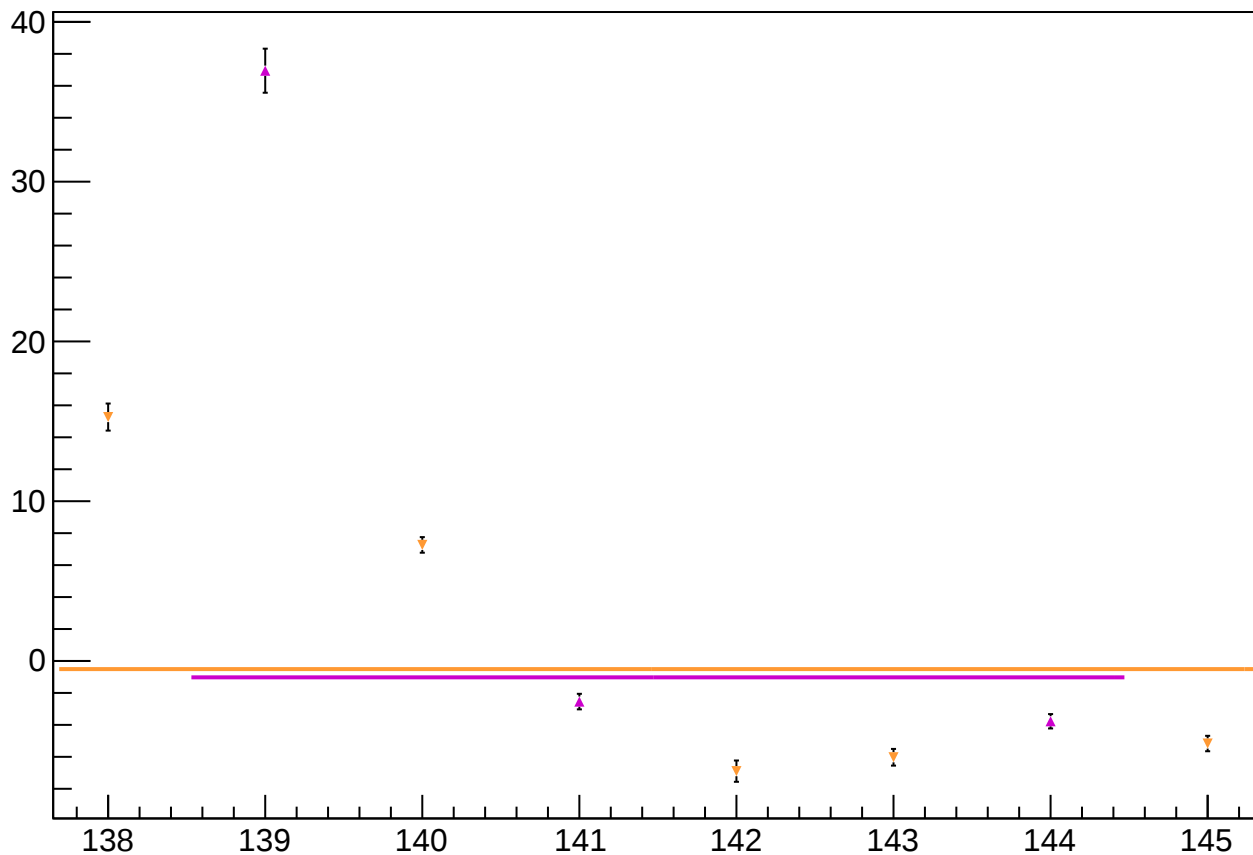
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.964+/-0.394 χ^2/NDF :75.2/2

Out: -18.833+/-0.320 χ^2/NDF :1399.9/4

All: -17.293+/-0.249 χ^2/NDF : 1533.1/7

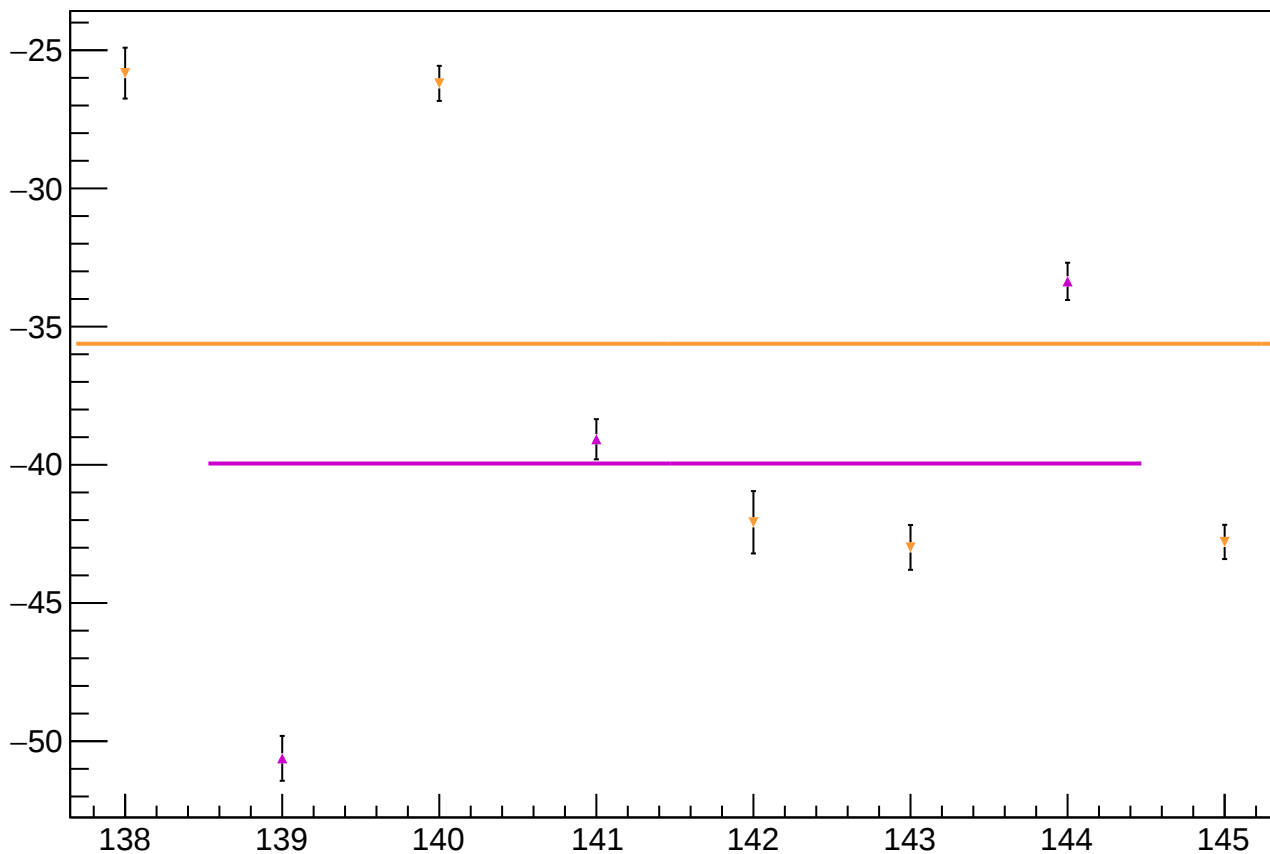
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.025+/-0.321 χ^2/NDF : 805.1/2

Left: -0.705+/-0.198 χ^2/NDF : 1702.7/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.025+/-0.321 χ^2/NDF : 805.1/2
 Out: -0.508+/-0.252 χ^2/NDF : 896.0/4
 All: -0.705+/-0.198 χ^2/NDF : 1702.7/7

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: -39.953+/-0.422 χ^2/NDF :269.6/2

Left: -37.335+/-0.266 χ^2/NDF : 915.4/7

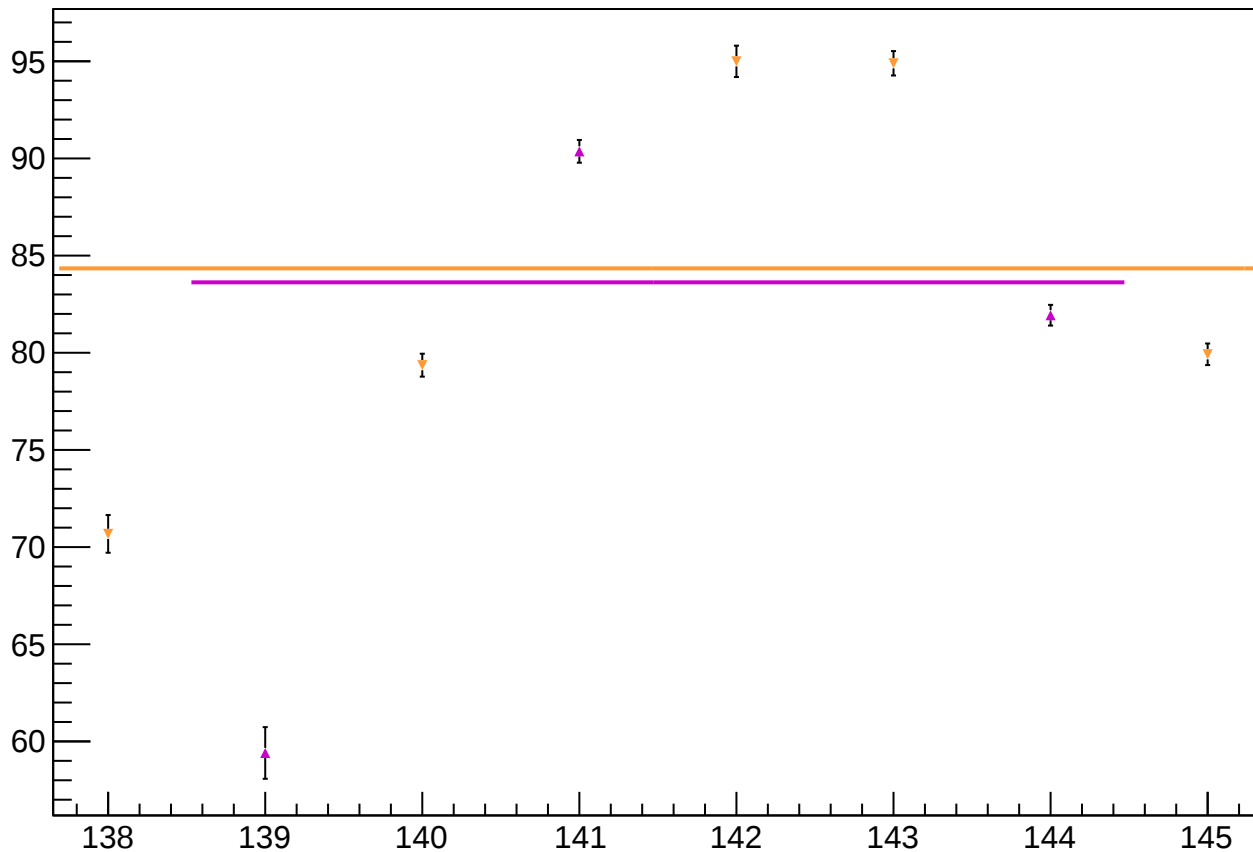
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.953+/-0.422 χ^2/NDF :269.6/2

Out: -35.620+/-0.342 χ^2/NDF :582.1/4

All: -37.335+/-0.266 χ^2/NDF : 915.4/7

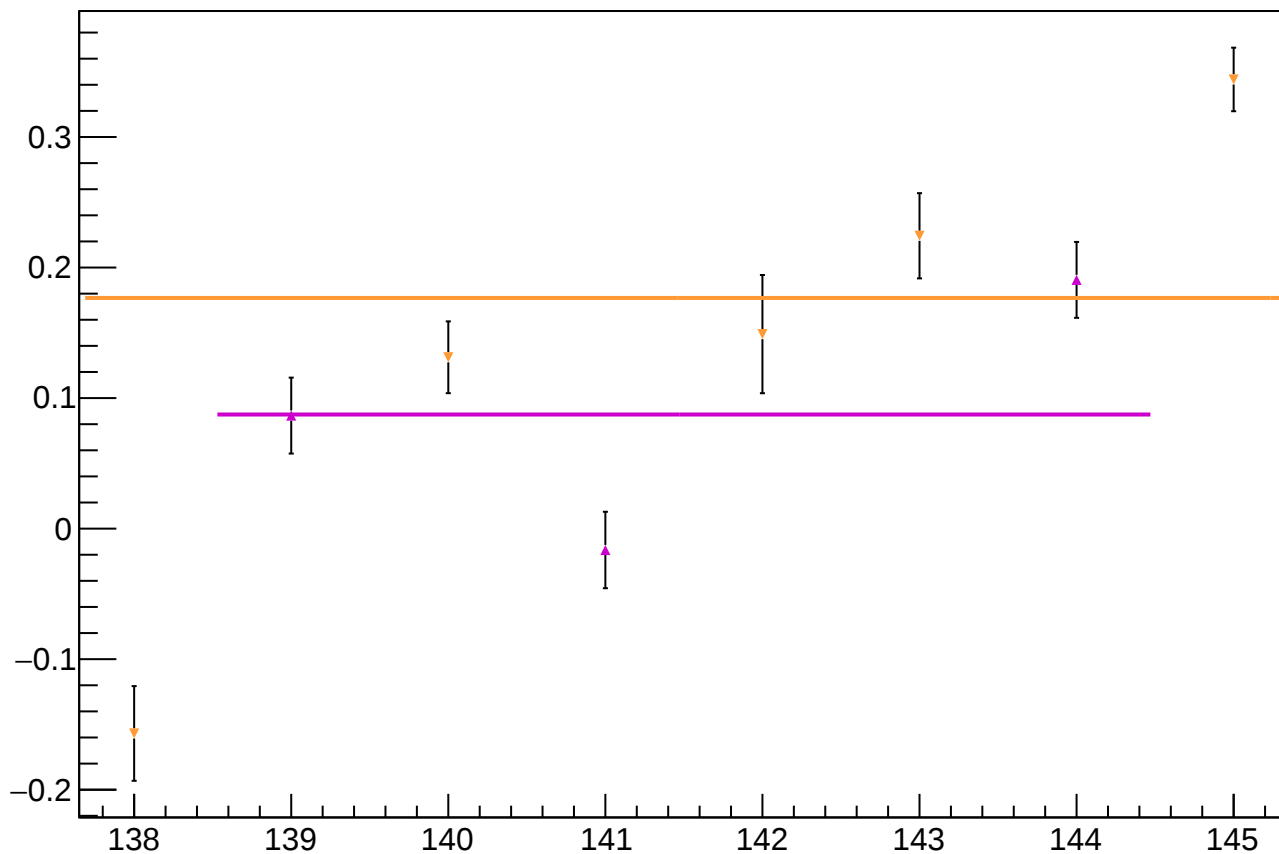
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 83.624+/-0.378 χ^2/NDF : 474.4/2

Left: 84.067+/-0.234 χ^2/NDF : 1266.5/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.624+/-0.378 χ^2/NDF : 474.4/2
 Out: 84.343+/-0.298 χ^2/NDF : 789.8/4
 All: 84.067+/-0.234 χ^2/NDF : 1266.5/7

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: 0.087+/-0.017 χ^2/NDF :25.2/2

Left: 0.141+/-0.011 χ^2/NDF : 179.0/7

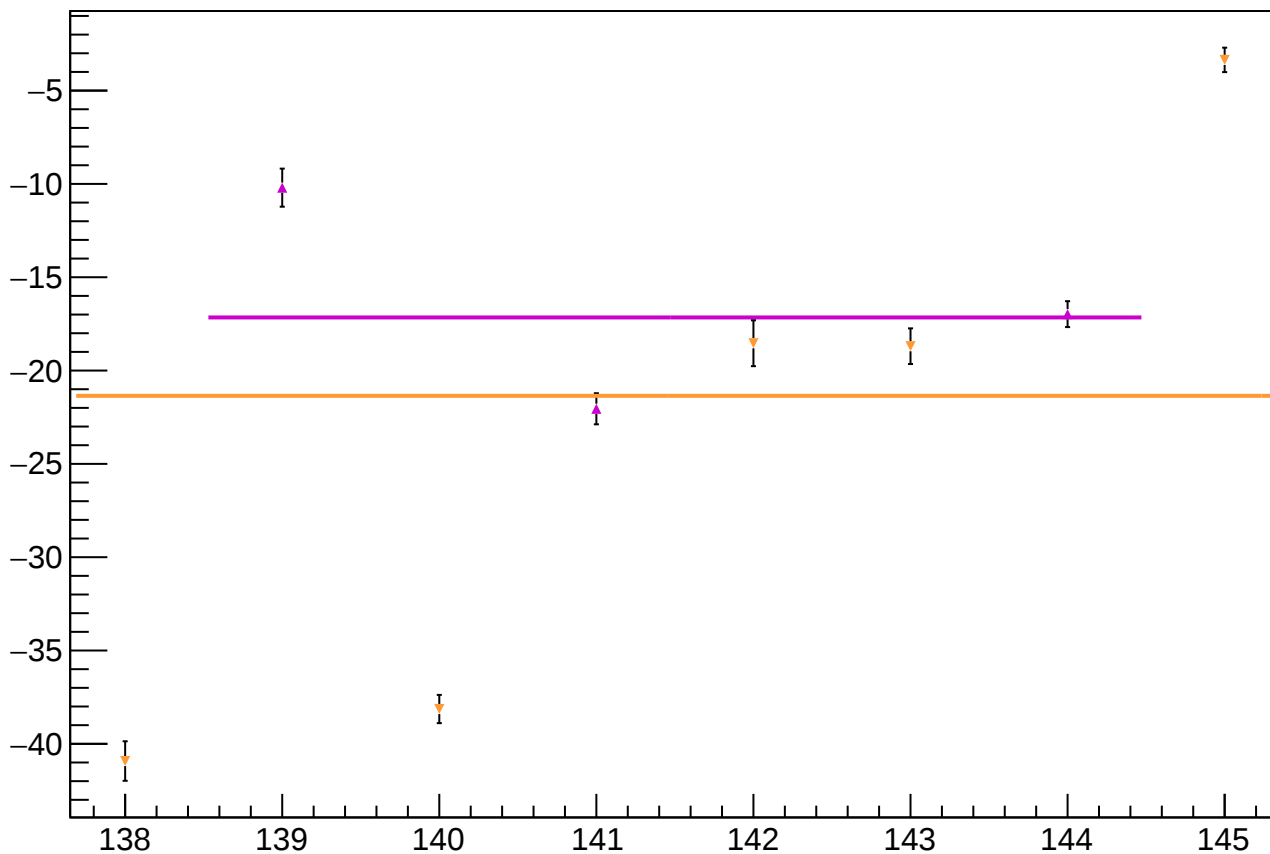
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.087+/-0.017 χ^2/NDF :25.2/2

Out: 0.177+/-0.014 χ^2/NDF :137.1/4

All: 0.141+/-0.011 χ^2/NDF : 179.0/7

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: -17.154+/-0.473 χ^2/NDF :81.0/2

Left: -19.676+/-0.299 χ^2/NDF : 1730.2/7

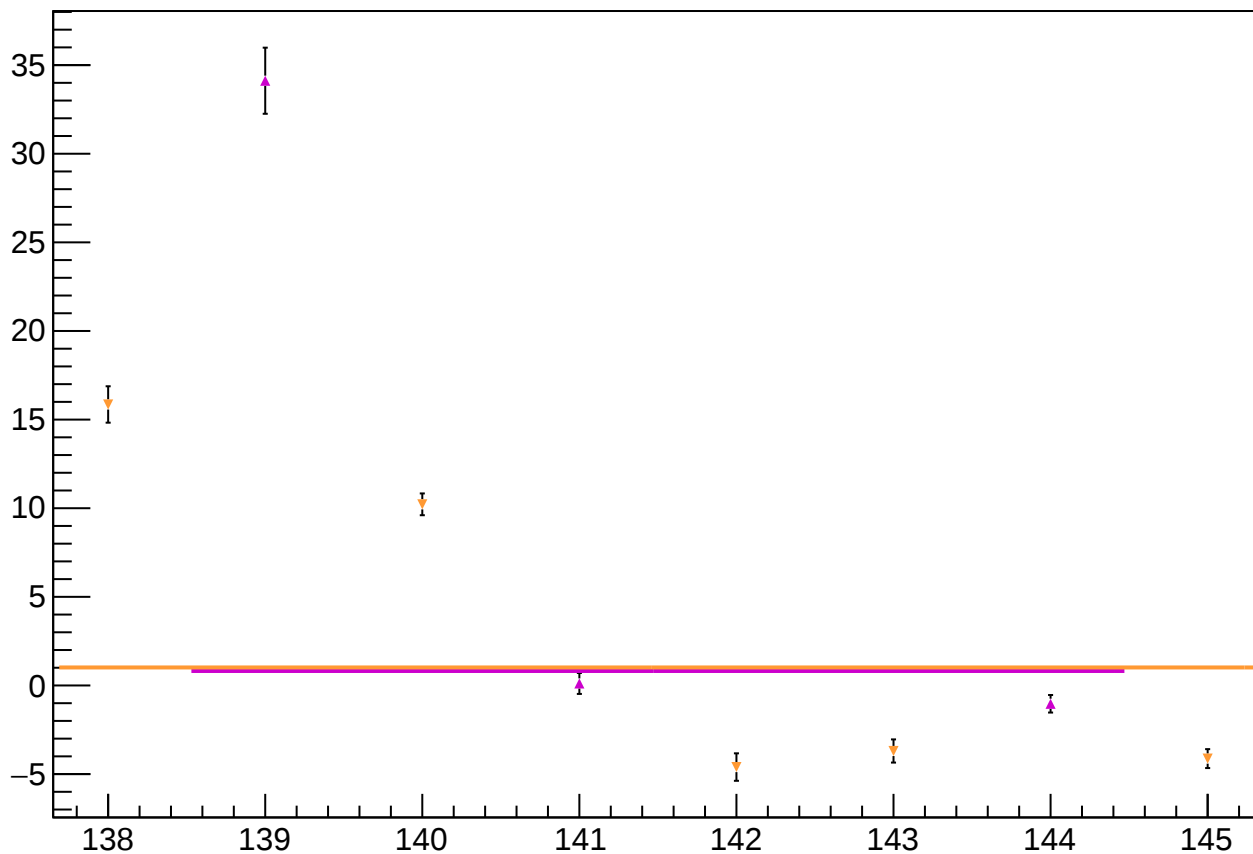
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.154+/-0.473 χ^2/NDF :81.0/2

Out: -21.355+/-0.386 χ^2/NDF :1601.8/4

All: -19.676+/-0.299 χ^2/NDF : 1730.2/7

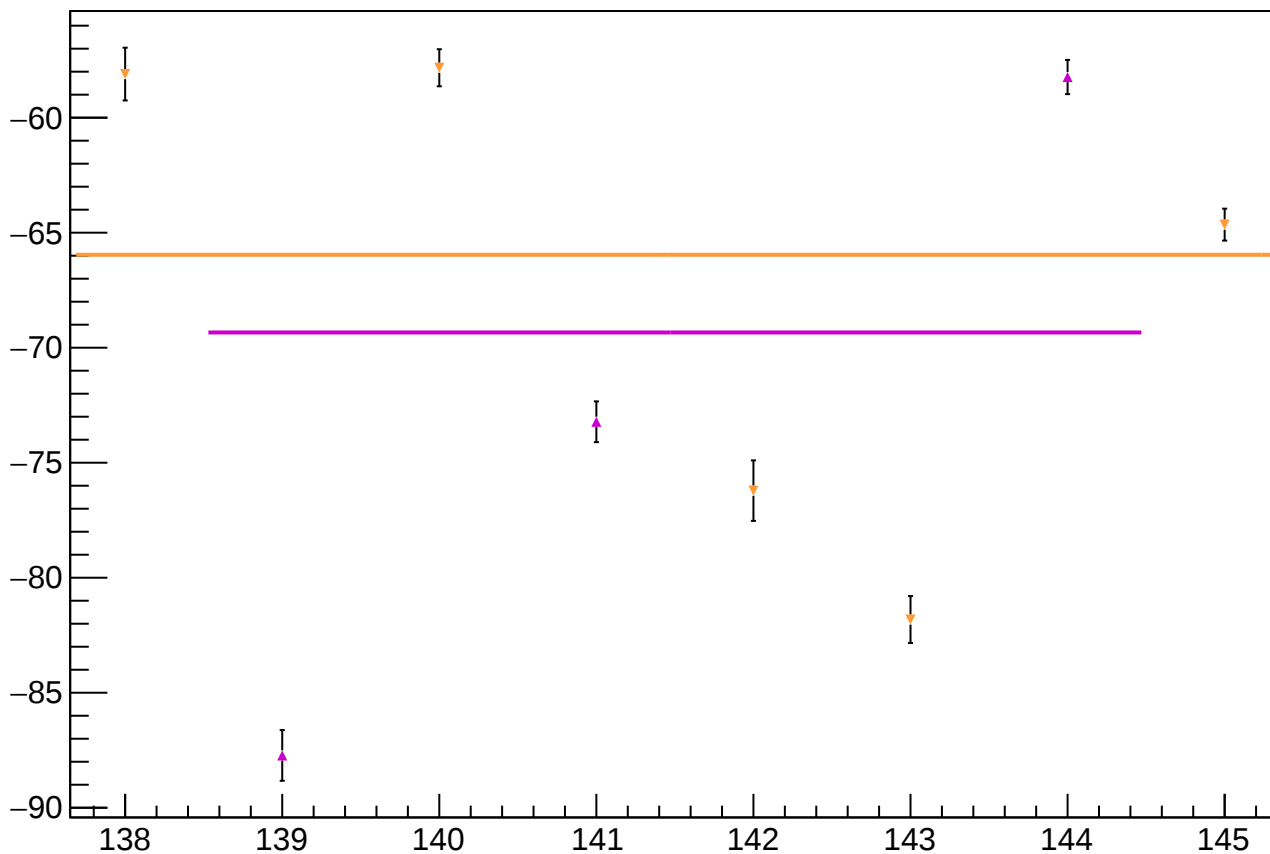
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 0.817+/-0.372 χ^2/NDF :334.3/2

Left: 0.937+/-0.233 χ^2/NDF : 964.9/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.817+/-0.372 χ^2/NDF :334.3/2
 Out: 1.016+/-0.300 χ^2/NDF :630.4/4
 All: 0.937+/-0.233 χ^2/NDF : 964.9/7

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -65.959 ± 0.411 $\chi^2/\text{NDF}: 455.2/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -69.337 ± 0.506 $\chi^2/\text{NDF}: 520.7/2$

Left: -67.302 ± 0.319 $\chi^2/\text{NDF}: 1002.7/7$

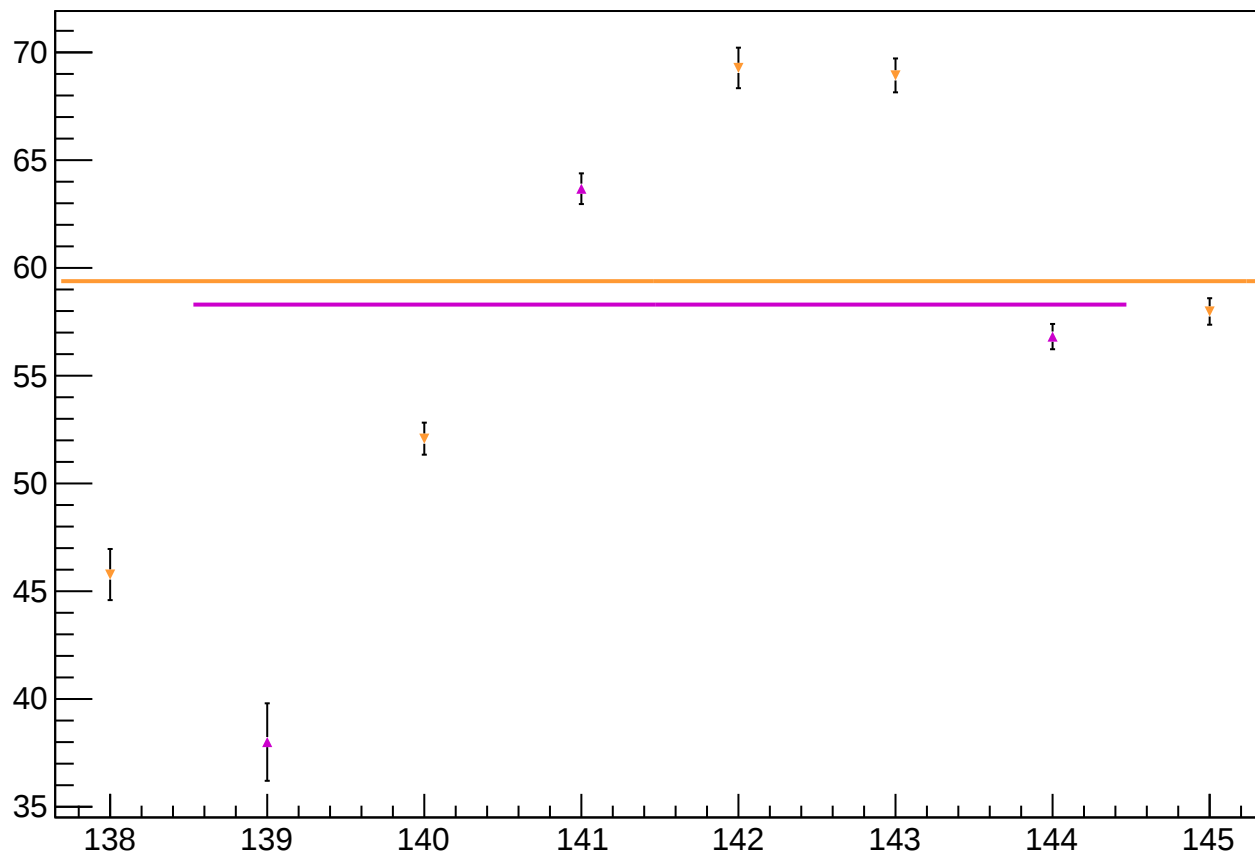
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -69.337 ± 0.506 $\chi^2/\text{NDF}: 520.7/2$

Out: -65.959 ± 0.411 $\chi^2/\text{NDF}: 455.2/4$

All: -67.302 ± 0.319 $\chi^2/\text{NDF}: 1002.7/7$

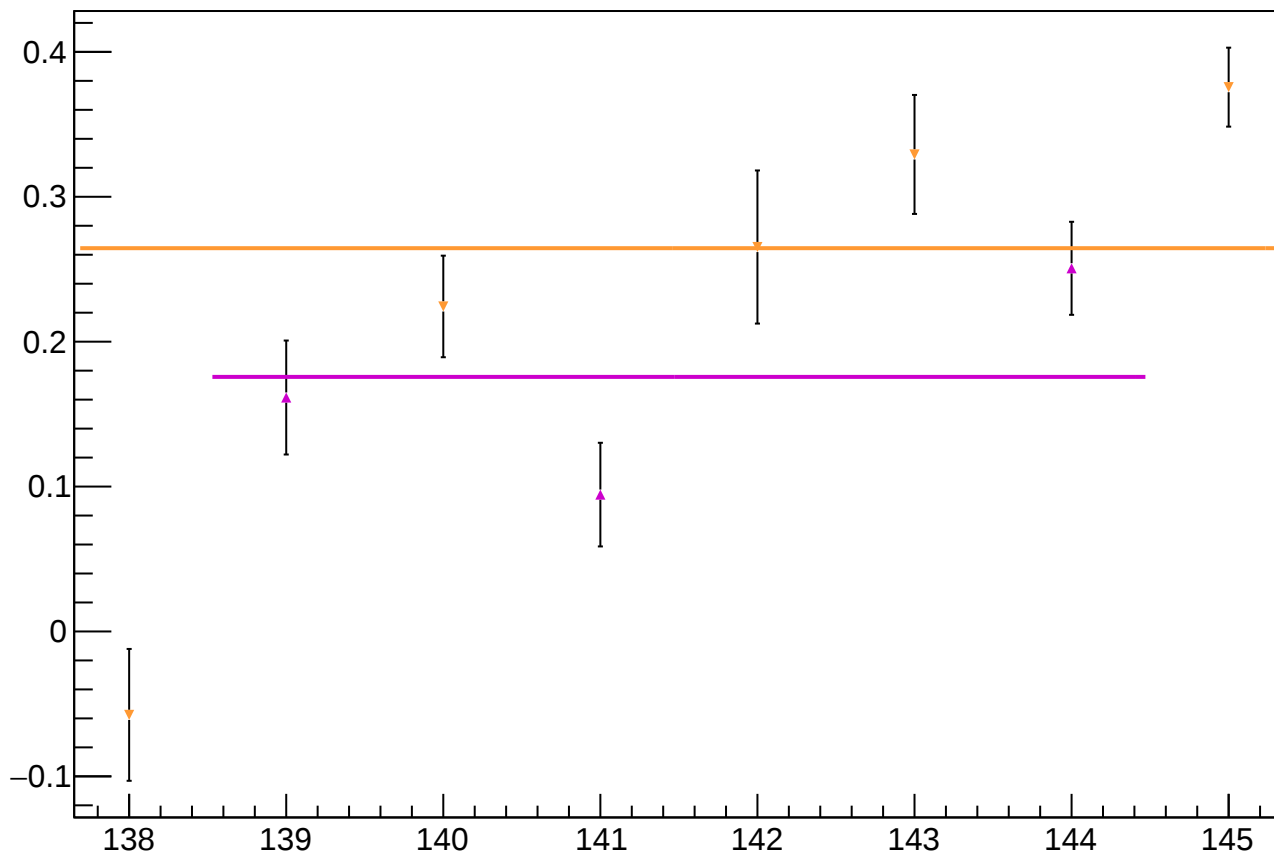
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 58.299+/-0.439 χ^2/NDF :190.9/2

Left: 58.956+/-0.276 χ^2/NDF : 686.5/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 58.299+/-0.439 χ^2/NDF :190.9/2
 Out: 59.386+/-0.355 χ^2/NDF :491.9/4
 All: 58.956+/-0.276 χ^2/NDF : 686.5/7

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.265+/-0.017 χ^2/NDF : 70.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.176+/-0.020 χ^2/NDF : 10.7/2

Left: 0.229+/-0.013 χ^2/NDF : 92.6/7

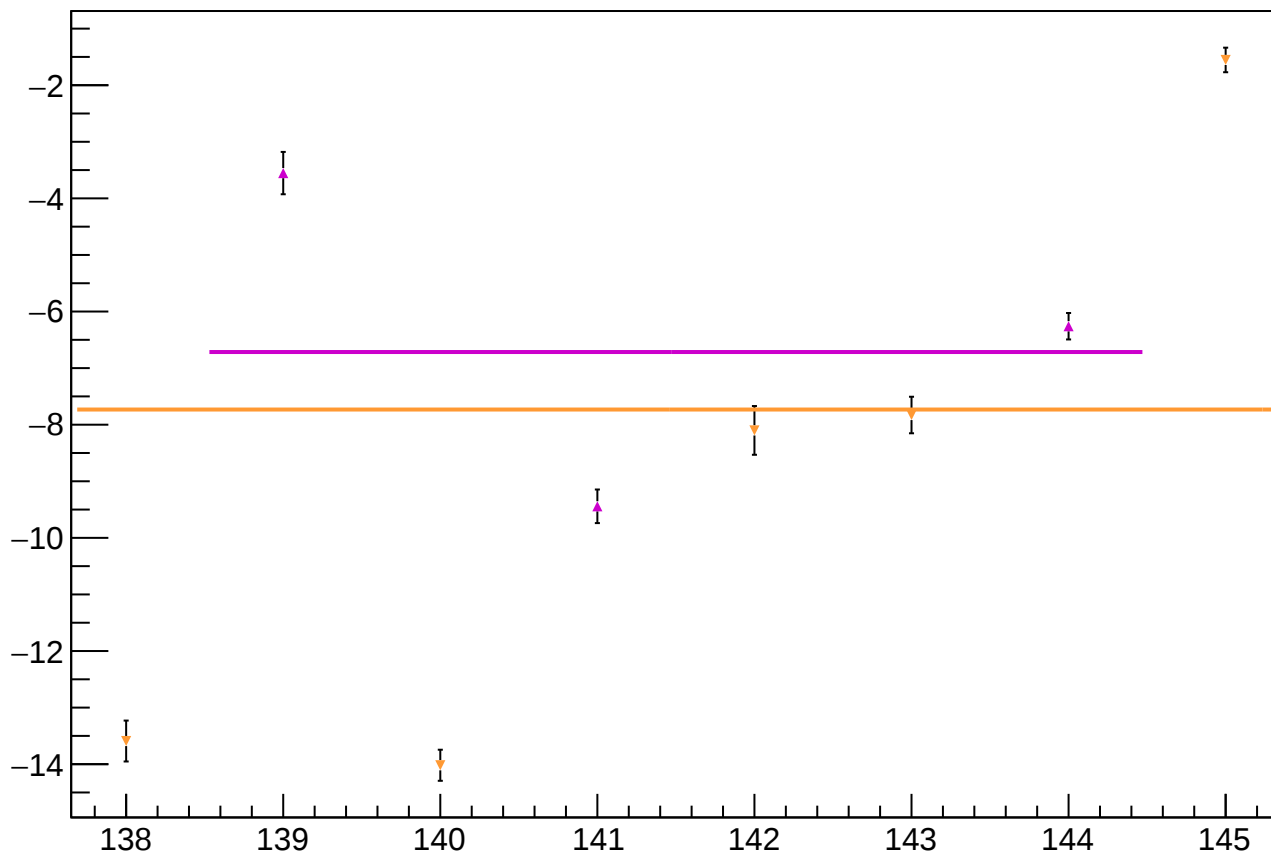
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.176+/-0.020 χ^2/NDF : 10.7/2

Out: 0.265+/-0.017 χ^2/NDF : 70.5/4

All: 0.229+/-0.013 χ^2/NDF : 92.6/7

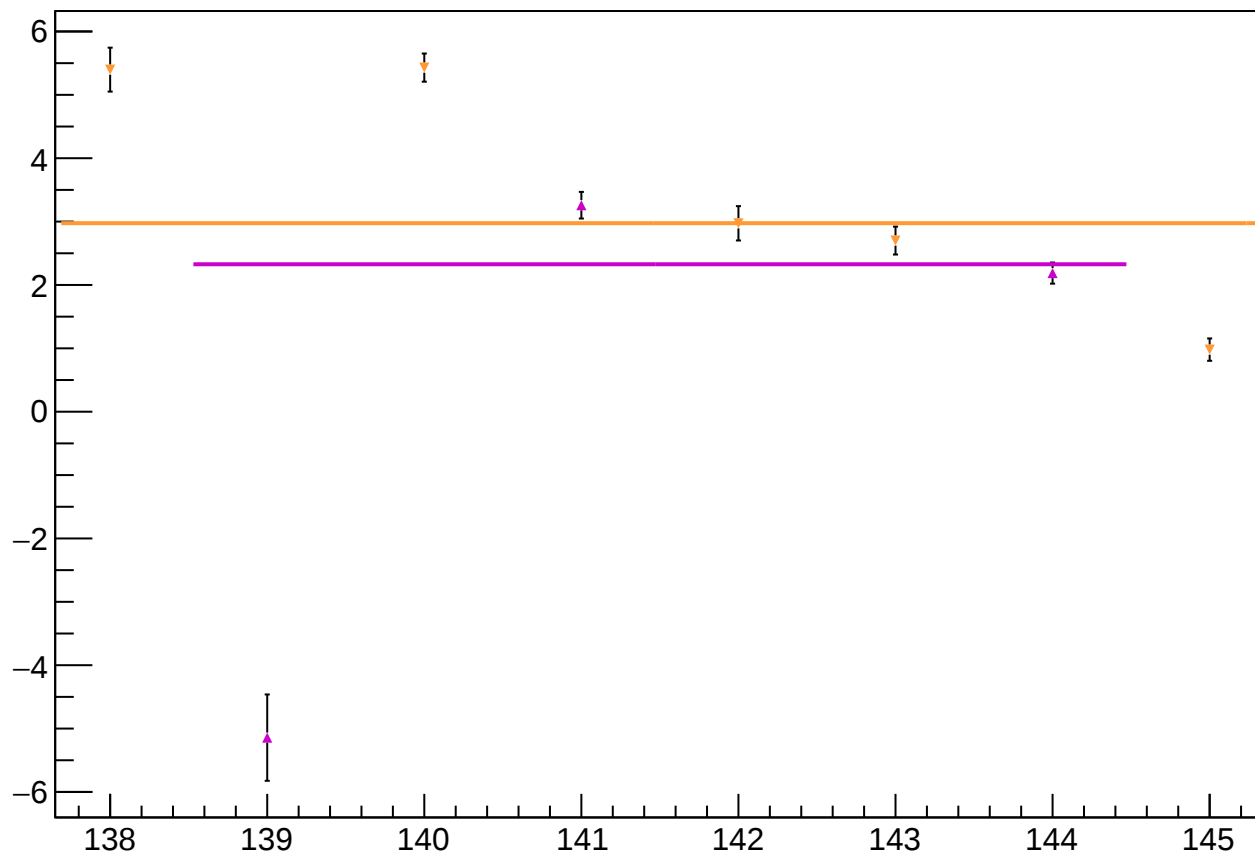
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.732+/-0.132 χ^2/NDF :1598.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.716+/-0.165 χ^2/NDF :159.6/2

Left: -7.334+/-0.103 χ^2/NDF : 1780.8/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.716+/-0.165 χ^2/NDF :159.6/2
 Out: -7.732+/-0.132 χ^2/NDF :1598.1/4
 All: -7.334+/-0.103 χ^2/NDF : 1780.8/7

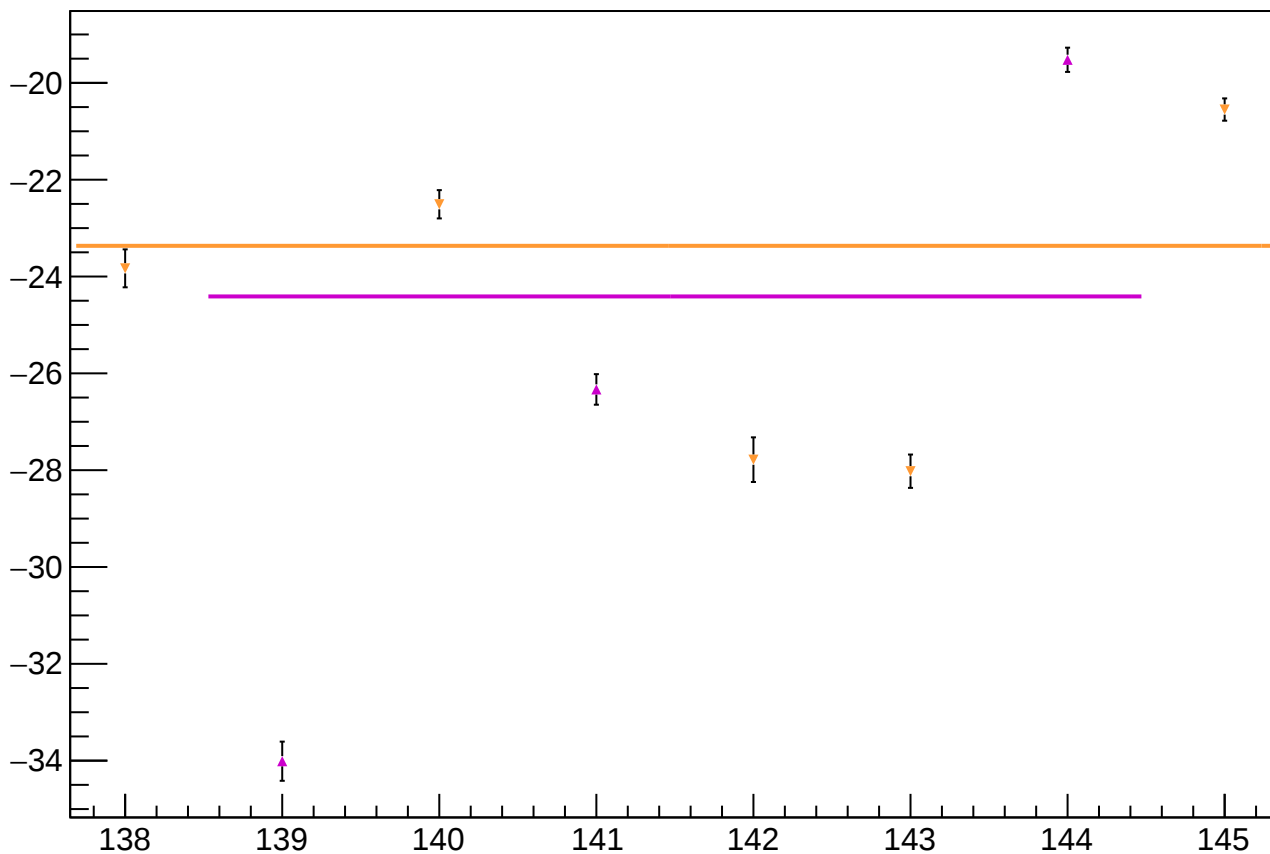
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.327+/-0.128 χ^2/NDF :140.6/2

Left: 2.722+/-0.080 χ^2/NDF : 456.6/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.327+/-0.128 χ^2/NDF :140.6/2
 Out: 2.975+/-0.103 χ^2/NDF :300.4/4
 All: 2.722+/-0.080 χ^2/NDF : 456.6/7

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: -24.411+/-0.177 χ^2/NDF :981.0/2

Left: -23.773+/-0.110 χ^2/NDF : 1436.4/7

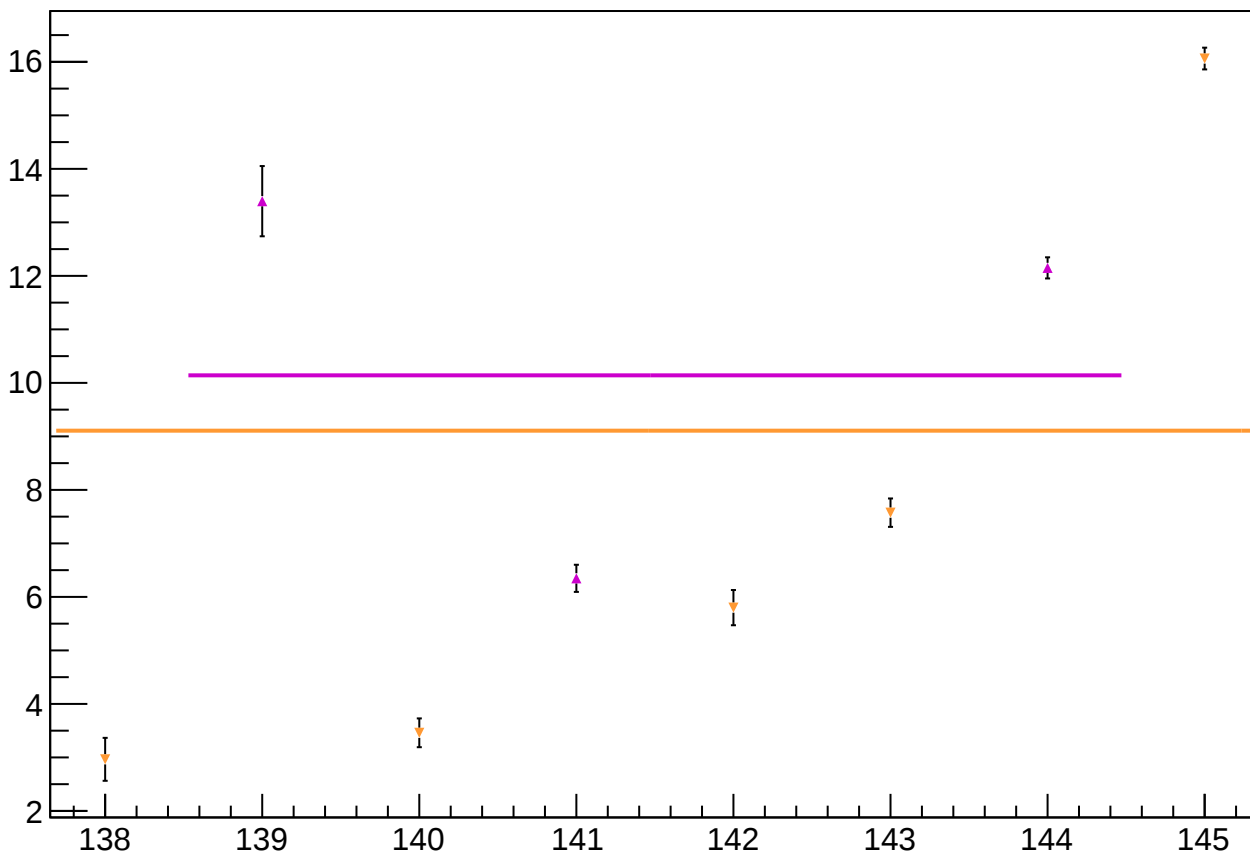
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.411+/-0.177 χ^2/NDF :981.0/2

Out: -23.366+/-0.141 χ^2/NDF :434.0/4

All: -23.773+/-0.110 χ^2/NDF : 1436.4/7

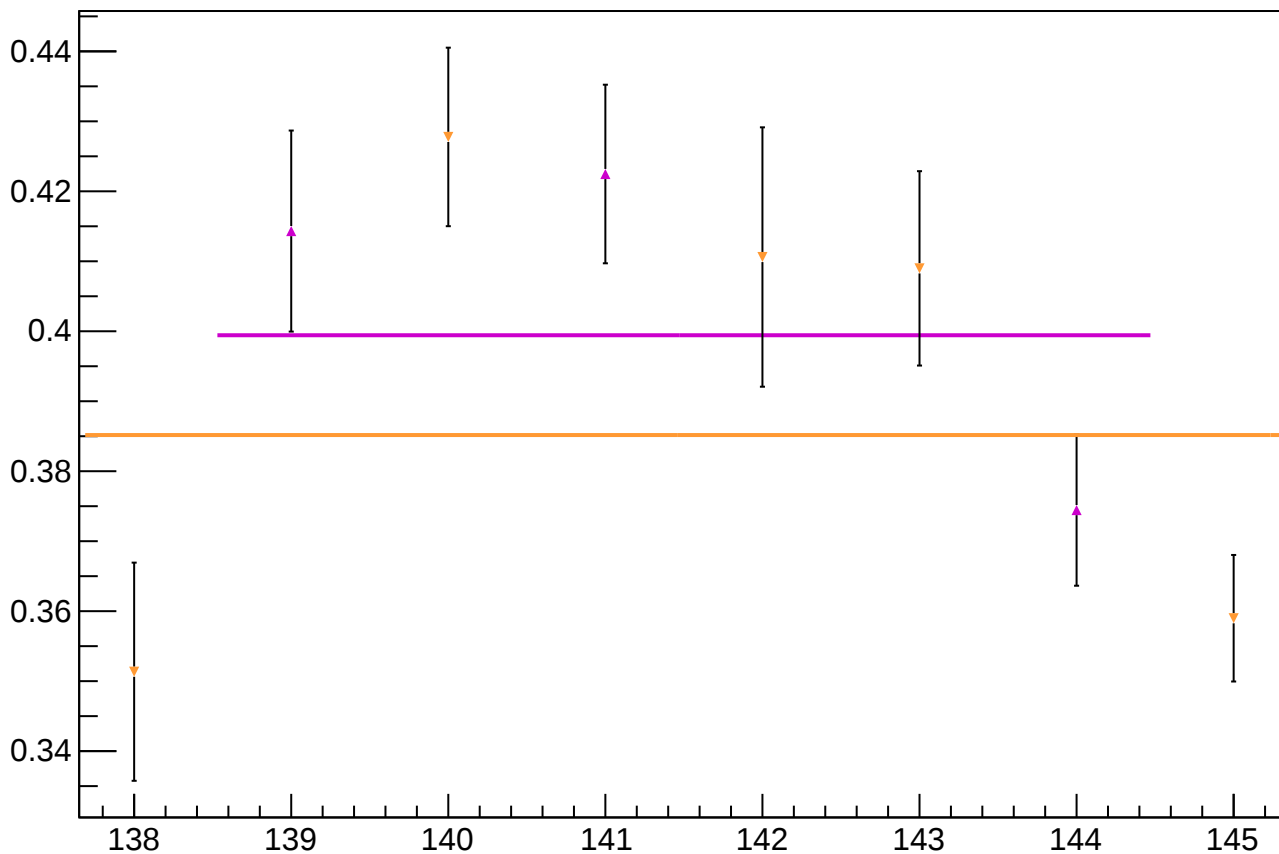
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.107+/-0.122 χ^2/NDF :1980.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.141+/-0.152 χ^2/NDF :351.6/2

Left: 9.511+/-0.095 χ^2/NDF : 2360.4/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.141+/-0.152 χ^2/NDF :351.6/2
 Out: 9.107+/-0.122 χ^2/NDF :1980.4/4
 All: 9.511+/-0.095 χ^2/NDF : 2360.4/7

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.385 $\pm$ 0.006 χ^2 /NDF:29.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Left: 0.391 $\pm$ 0.004 χ^2 /NDF: 41.2/7

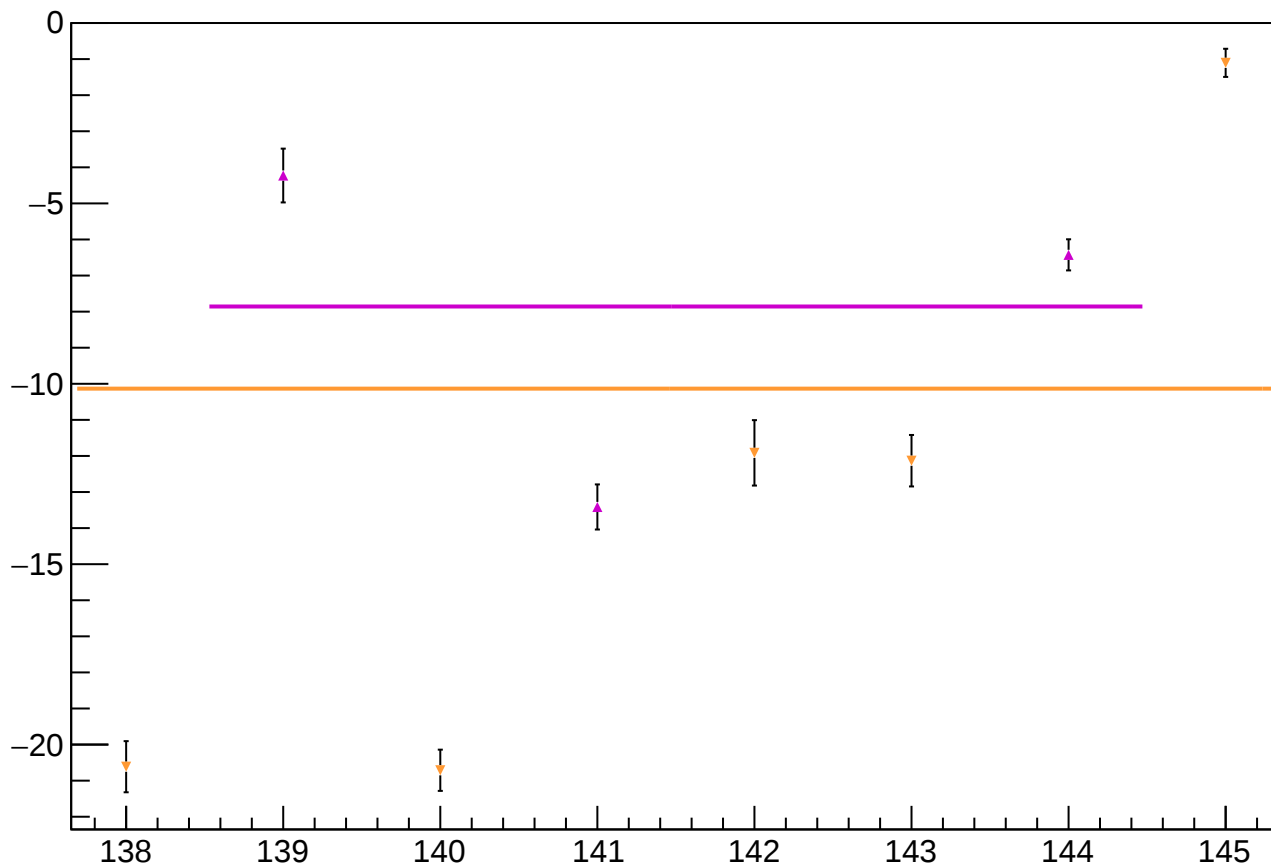
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Out: 0.385 $\pm$ 0.006 χ^2 /NDF:29.1/4

All: 0.391 $\pm$ 0.004 χ^2 /NDF: 41.2/7

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: -7.858+/-0.321 χ^2/NDF :113.7/2

Left: -9.231+/-0.202 χ^2/NDF : 1253.2/7

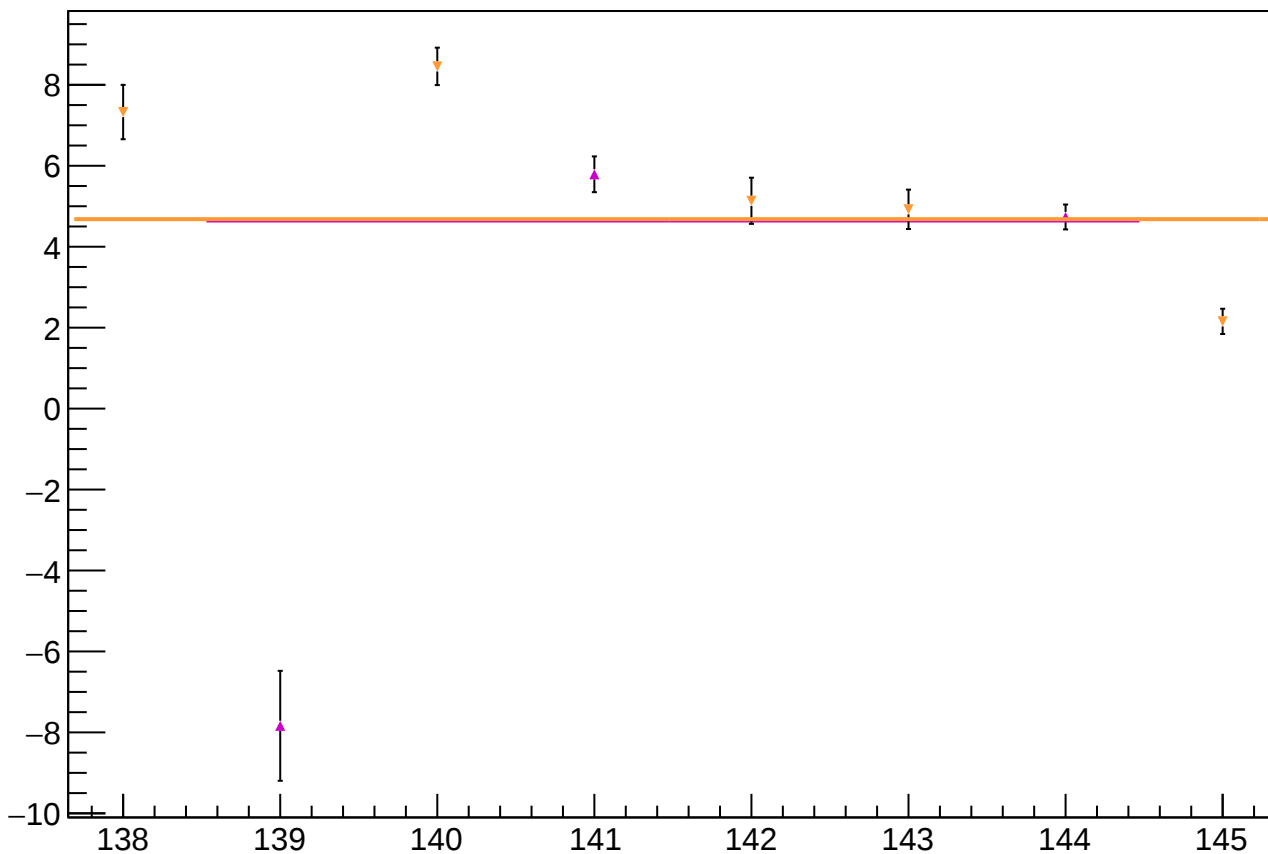
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.858+/-0.321 χ^2/NDF :113.7/2

Out: -10.134+/-0.260 χ^2/NDF :1109.0/4

All: -9.231+/-0.202 χ^2/NDF : 1253.2/7

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4.682+/-0.202 χ^2/NDF :148.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.648+/-0.248 χ^2/NDF :91.2/2

Left: 4.668+/-0.157 χ^2/NDF : 239.8/7

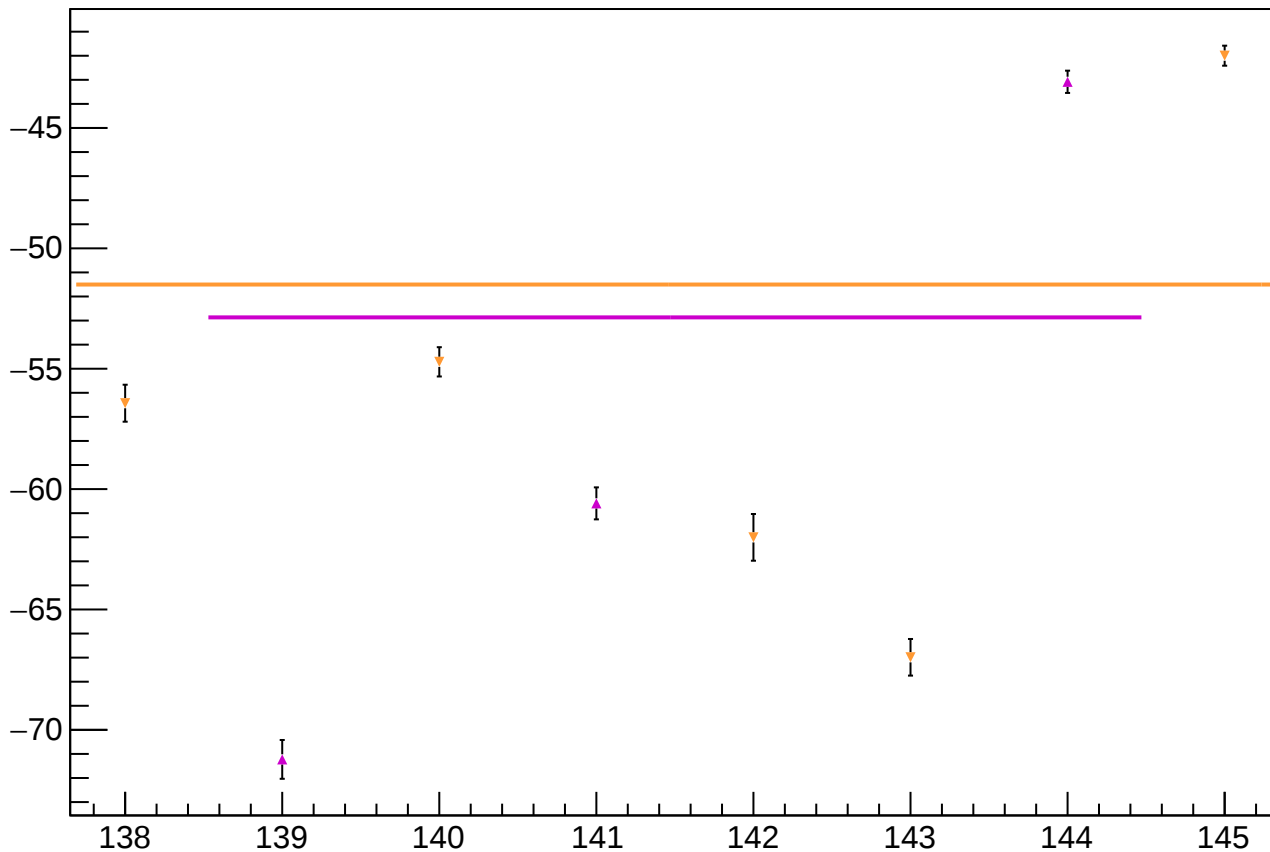
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.648+/-0.248 χ^2/NDF :91.2/2

Out: 4.682+/-0.202 χ^2/NDF :148.6/4

All: 4.668+/-0.157 χ^2/NDF : 239.8/7

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: -52.867+/-0.343 χ^2/NDF :1101.7/2

Left: -52.042+/-0.216 χ^2/NDF : 2234.2/7

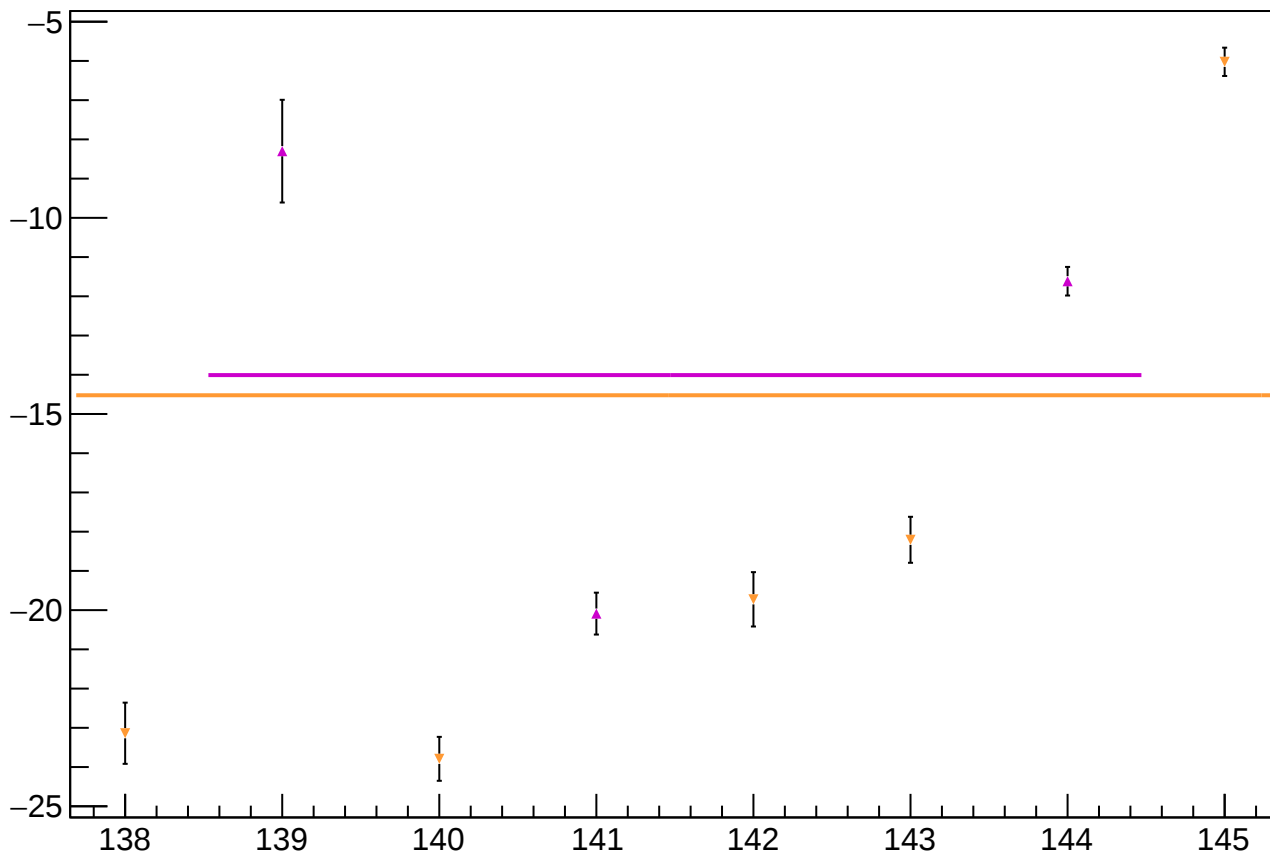
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.867+/-0.343 χ^2/NDF :1101.7/2

Out: -51.503+/-0.278 χ^2/NDF :1122.9/4

All: -52.042+/-0.216 χ^2/NDF : 2234.2/7

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -14.522 ± 0.239 $\chi^2/\text{NDF}: 1046.6/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -14.009 ± 0.293 $\chi^2/\text{NDF}: 191.8/2$

Left: -14.318 ± 0.185 $\chi^2/\text{NDF}: 1240.2/7$

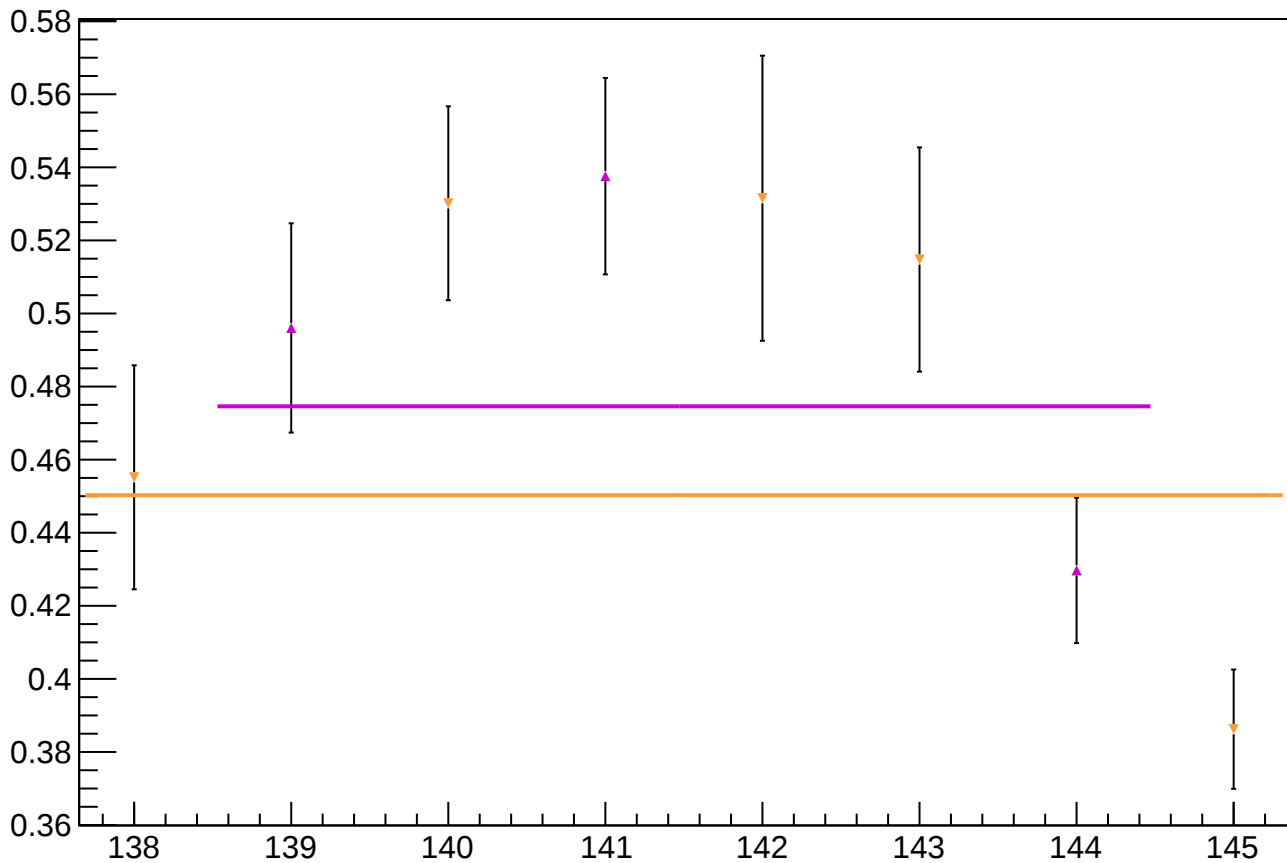
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.009 ± 0.293 $\chi^2/\text{NDF}: 191.8/2$

Out: -14.522 ± 0.239 $\chi^2/\text{NDF}: 1046.6/4$

All: -14.318 ± 0.185 $\chi^2/\text{NDF}: 1240.2/7$

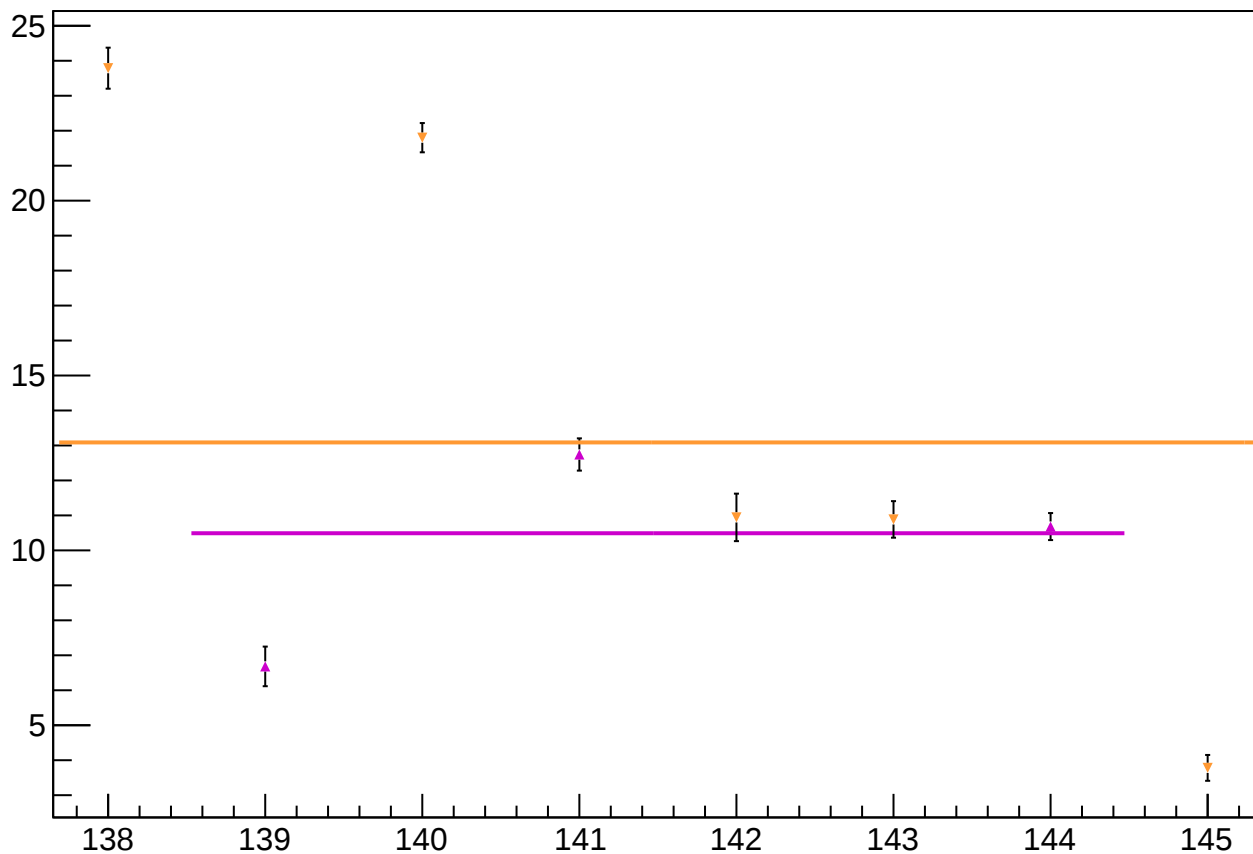
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.450+/-0.011 χ^2/NDF :33.2/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.475+/-0.014 χ^2/NDF :11.1/2

Left: 0.460+/-0.009 χ^2/NDF : 46.2/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.475+/-0.014 χ^2/NDF :11.1/2
 Out: 0.450+/-0.011 χ^2/NDF :33.2/4
 All: 0.460+/-0.009 χ^2/NDF : 46.2/7

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: 10.490+/-0.262 χ^2/NDF :69.3/2

Left: 12.048+/-0.166 χ^2/NDF : 1556.9/7

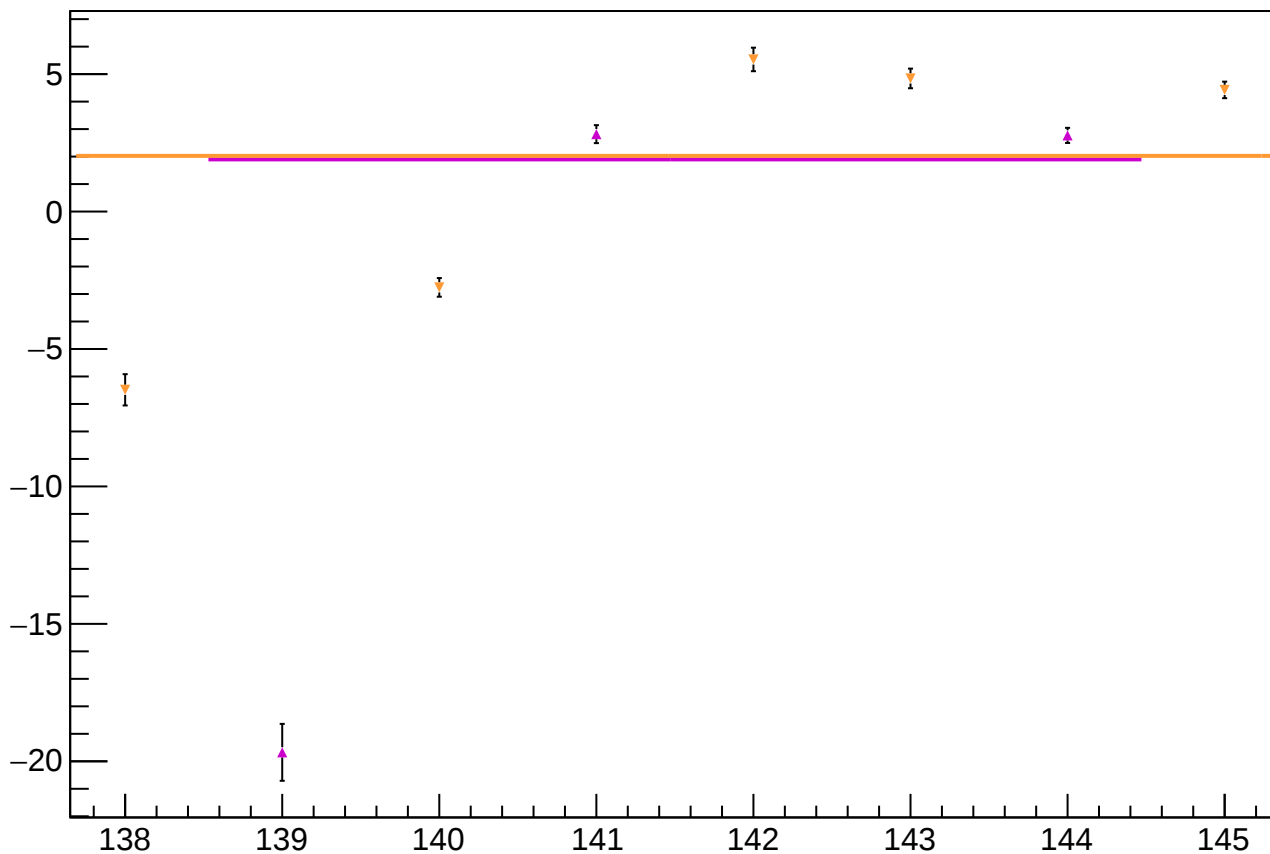
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.490+/-0.262 χ^2/NDF :69.3/2

Out: 13.087+/-0.214 χ^2/NDF :1428.8/4

All: 12.048+/-0.166 χ^2/NDF : 1556.9/7

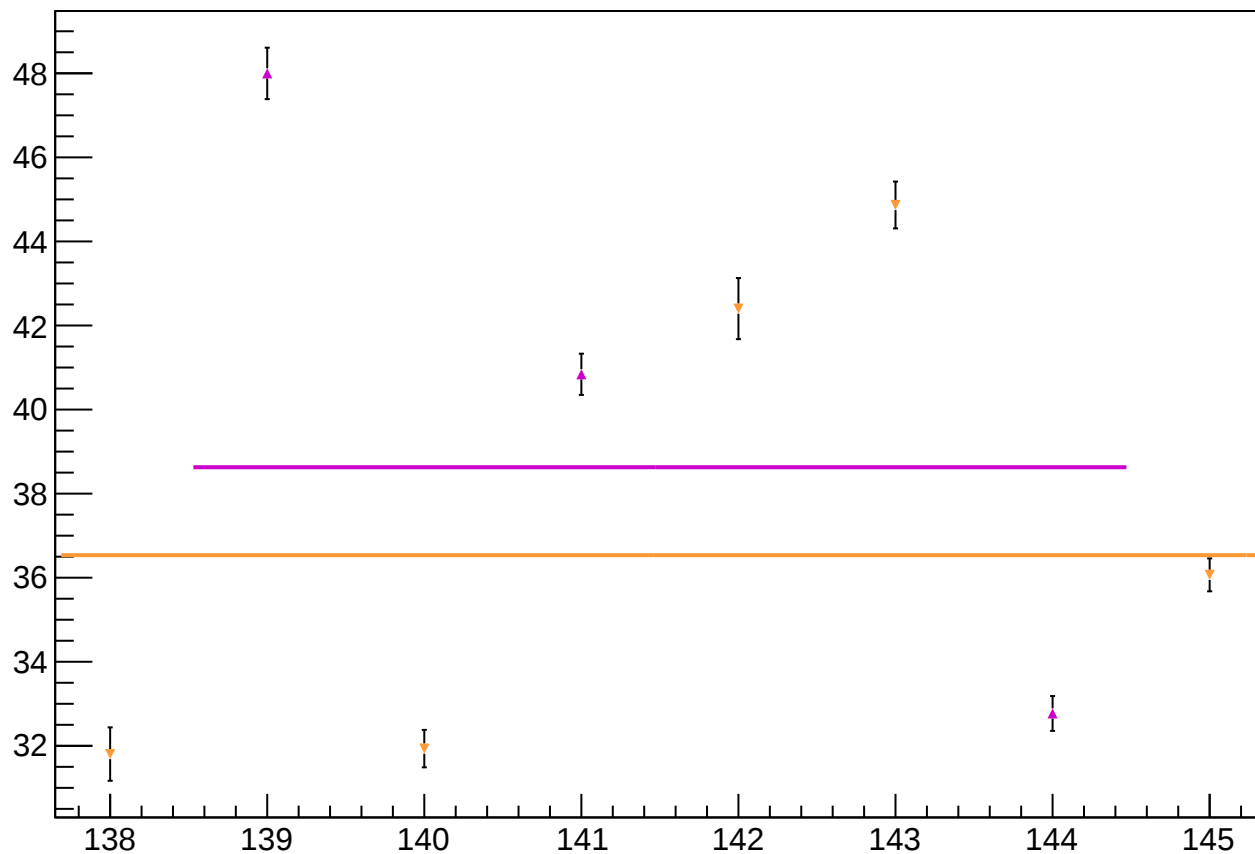
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 1.897+/-0.206 χ^2/NDF :452.1/2

Left: 1.975+/-0.130 χ^2/NDF : 1067.6/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.897+/-0.206 χ^2/NDF :452.1/2
 Out: 2.026+/-0.166 χ^2/NDF :615.2/4
 All: 1.975+/-0.130 χ^2/NDF : 1067.6/7

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: 38.628+/-0.281 χ^2/NDF : 455.2/2

Left: 37.369+/-0.177 χ^2/NDF : 940.9/7

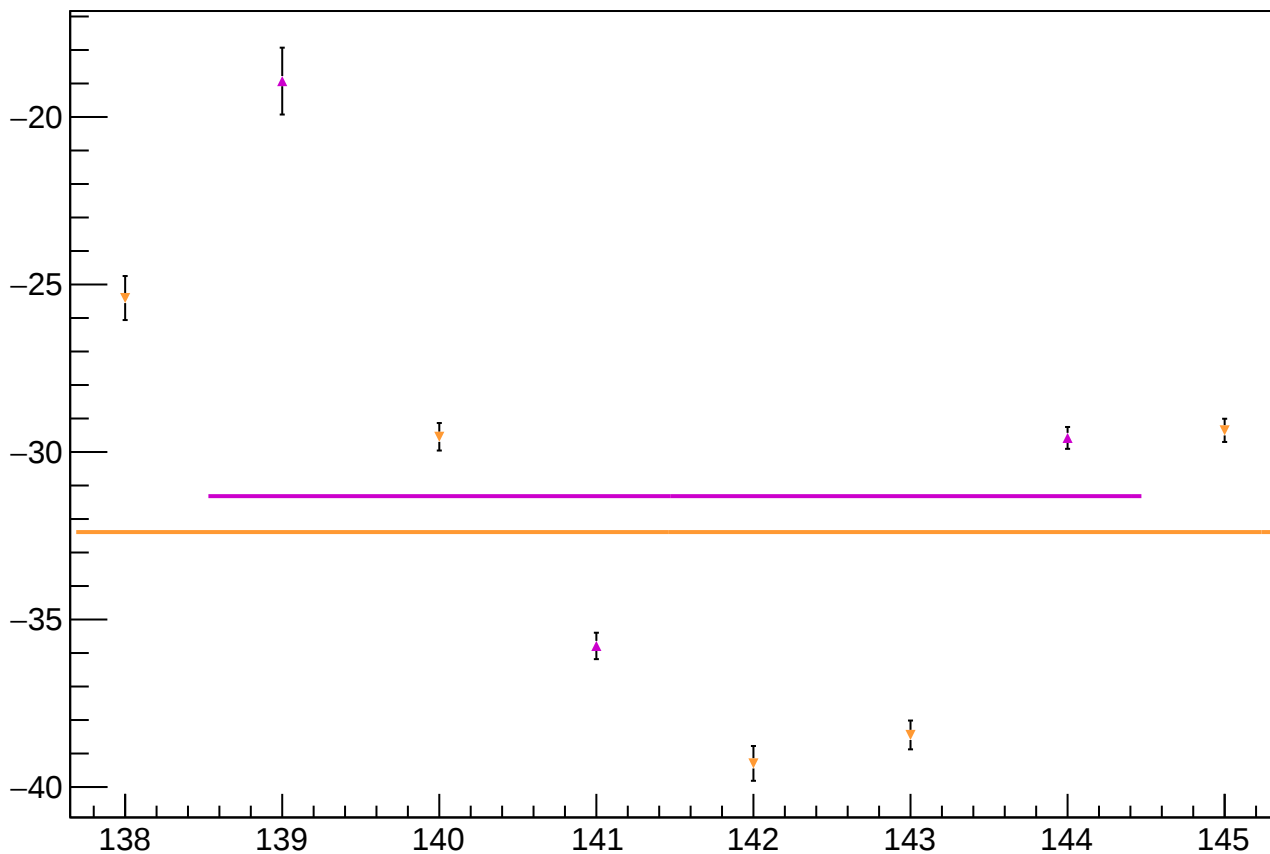
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.628+/-0.281 χ^2/NDF : 455.2/2

Out: 36.536+/-0.229 χ^2/NDF : 452.3/4

All: 37.369+/-0.177 χ^2/NDF : 940.9/7

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: -31.317+/-0.244 χ^2/NDF : 311.1/2

Left: -31.965+/-0.153 χ^2/NDF : 935.7/7

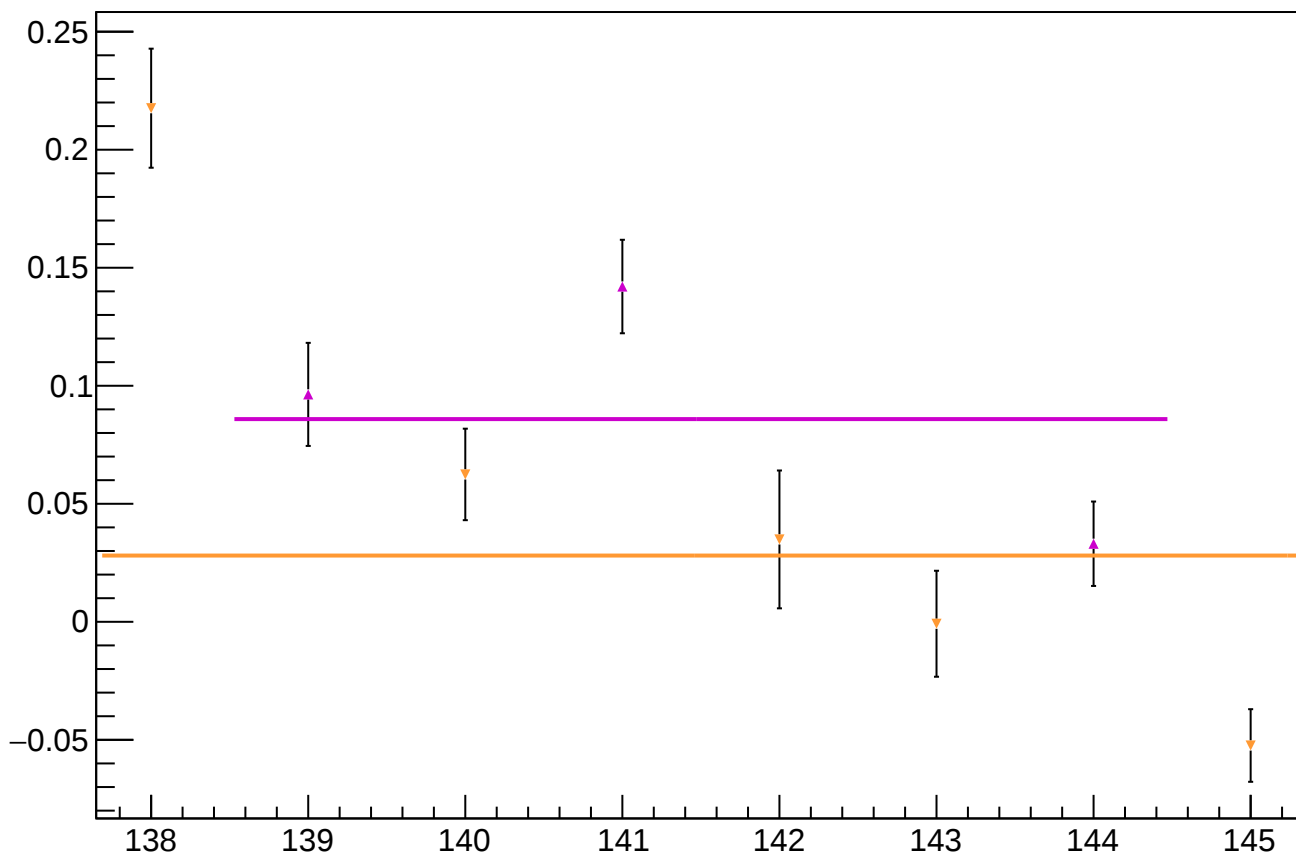
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.317+/-0.244 χ^2/NDF : 311.1/2

Out: -32.390+/-0.197 χ^2/NDF : 612.9/4

All: -31.965+/-0.153 χ^2/NDF : 935.7/7

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.028+/-0.009 χ^2/NDF :88.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.086+/-0.011 χ^2/NDF :17.0/2

Left: 0.051+/-0.007 χ^2/NDF : 121.3/7

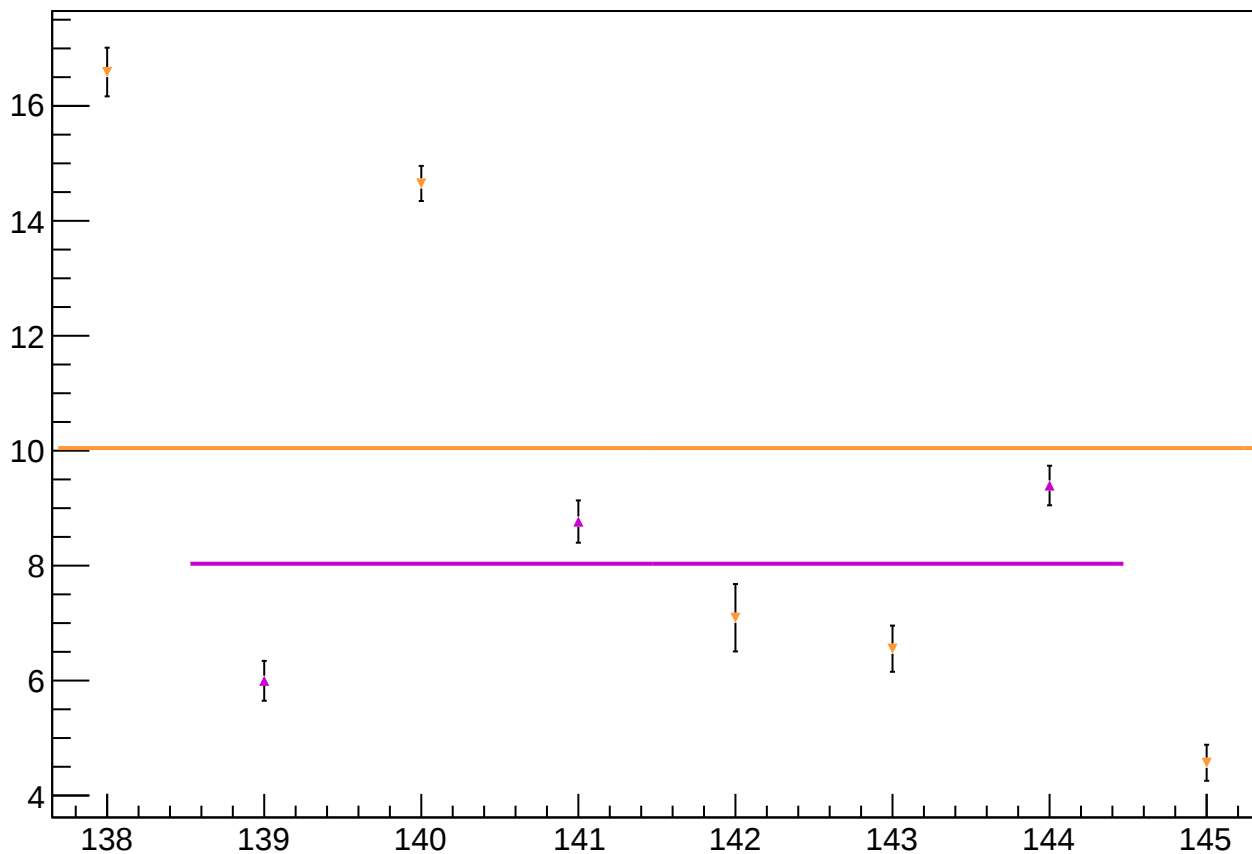
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.086+/-0.011 χ^2/NDF :17.0/2

Out: 0.028+/-0.009 χ^2/NDF :88.7/4

All: 0.051+/-0.007 χ^2/NDF : 121.3/7

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: 8.033+/-0.204 χ^2/NDF :54.0/2

Left: 9.232+/-0.129 χ^2/NDF : 983.9/7

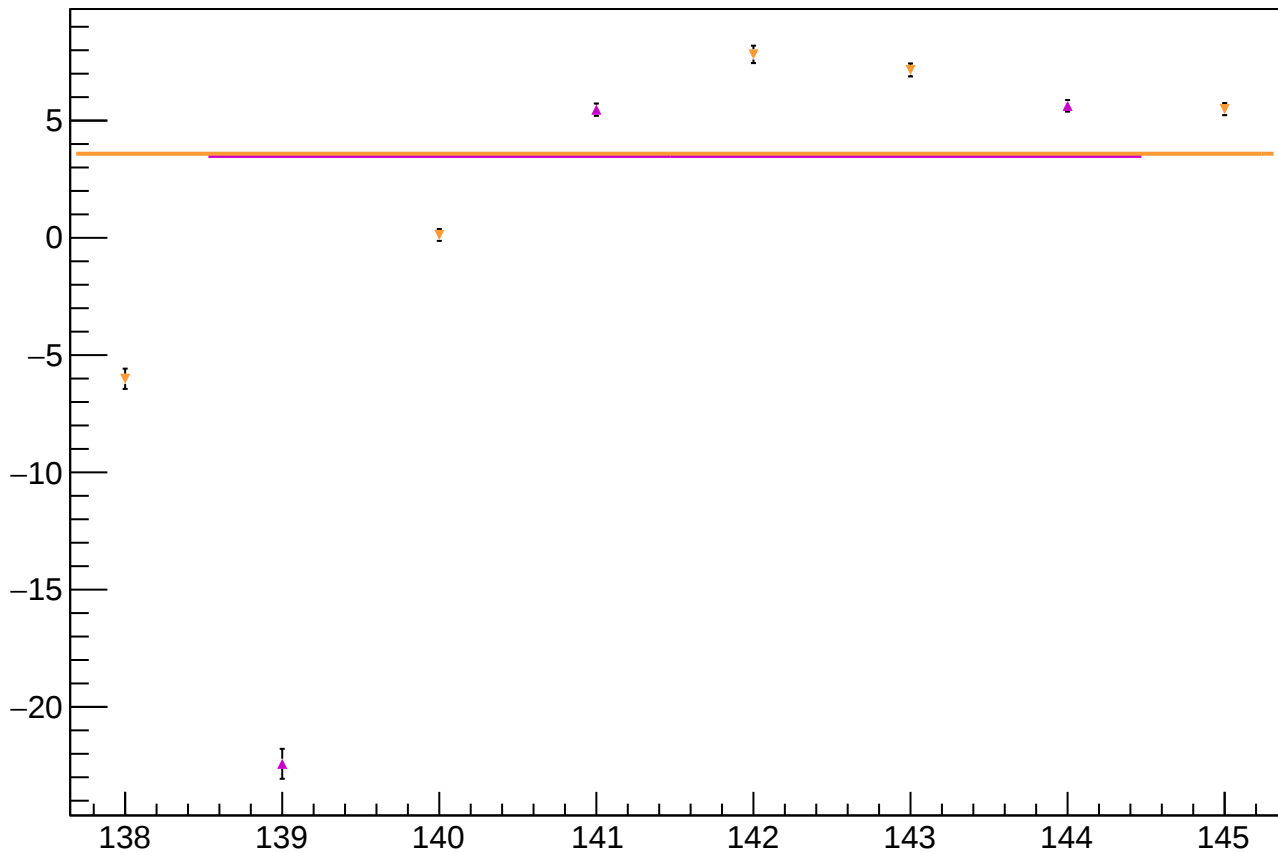
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.033+/-0.204 χ^2/NDF :54.0/2

Out: 10.046+/-0.168 χ^2/NDF :871.7/4

All: 9.232+/-0.129 χ^2/NDF : 983.9/7

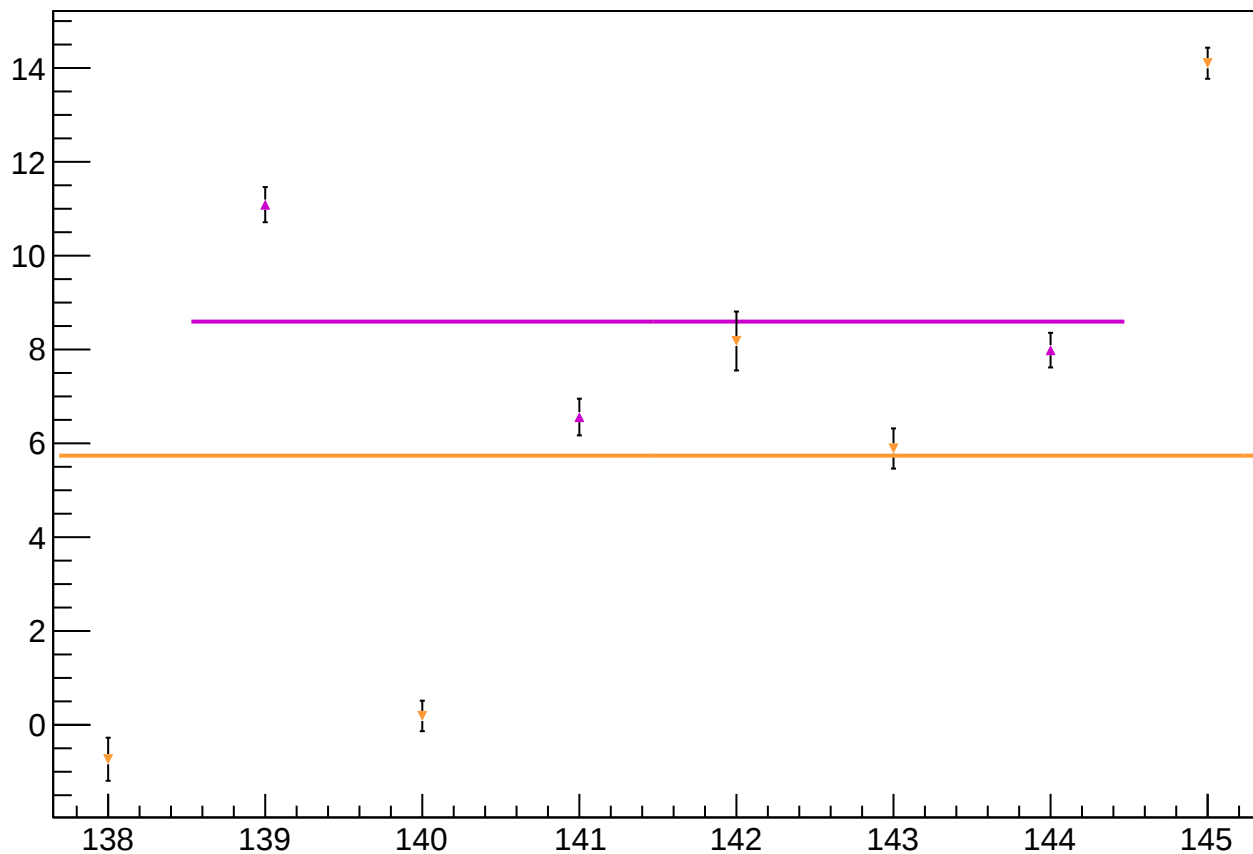
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 3.493+/-0.173 χ^2/NDF :1776.5/2

Left: 3.552+/-0.106 χ^2/NDF : 2809.7/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.493+/-0.173 χ^2/NDF :1776.5/2
 Out: 3.587+/-0.133 χ^2/NDF :1033.0/4
 All: 3.552+/-0.106 χ^2/NDF : 2809.7/7

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 5.737 $\pm$ 0.179 χ^2 /NDF:1140.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 8.595 $\pm$ 0.218 χ^2 /NDF:74.0/2

Left: 6.886 $\pm$ 0.138 χ^2 /NDF: 1317.4/7

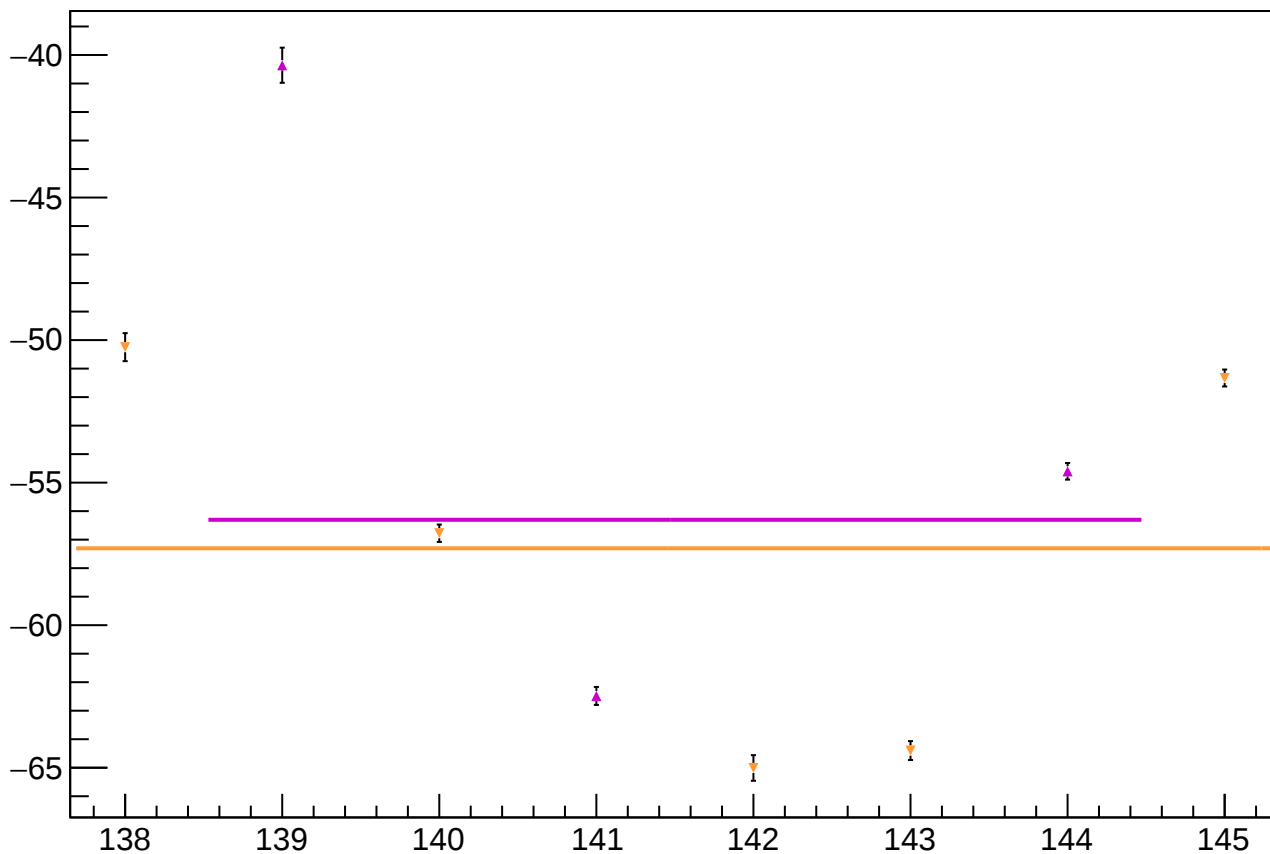
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 8.595 $\pm$ 0.218 χ^2 /NDF:74.0/2

Out: 5.737 $\pm$ 0.179 χ^2 /NDF:1140.7/4

All: 6.886 $\pm$ 0.138 χ^2 /NDF: 1317.4/7

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: -56.303+/-0.203 χ^2/NDF :1085.6/2

Left: -56.926+/-0.124 χ^2/NDF : 2464.4/7

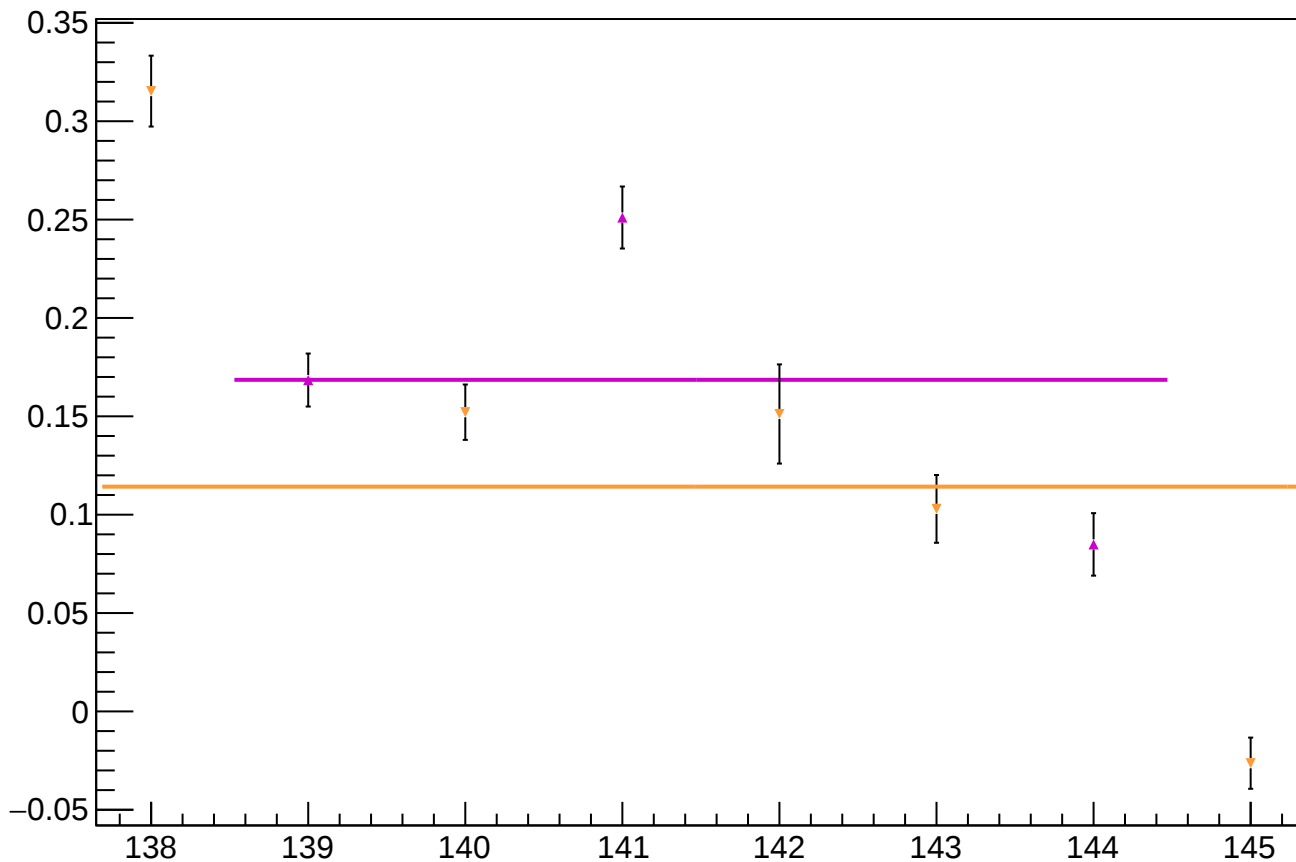
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.303+/-0.203 χ^2/NDF :1085.6/2

Out: -57.303+/-0.158 χ^2/NDF :1363.6/4

All: -56.926+/-0.124 χ^2/NDF : 2464.4/7

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.114 $\pm$ 0.007 χ^2 /NDF:251.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.169 $\pm$ 0.009 χ^2 /NDF:55.1/2

Left: 0.137 $\pm$ 0.006 χ^2 /NDF: 329.5/7

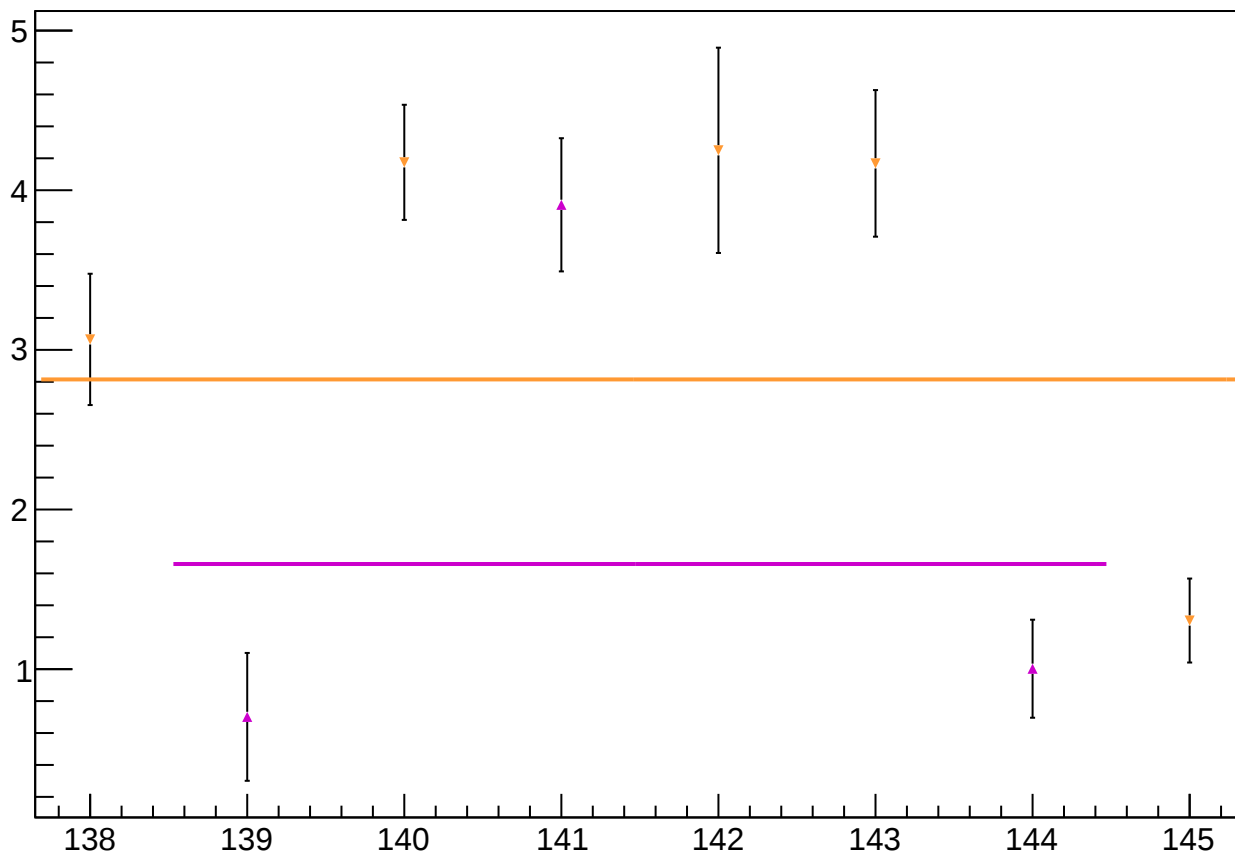
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.169 $\pm$ 0.009 χ^2 /NDF:55.1/2

Out: 0.114 $\pm$ 0.007 χ^2 /NDF:251.1/4

All: 0.137 $\pm$ 0.006 χ^2 /NDF: 329.5/7

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.815+/-0.168 χ^2/NDF :61.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.659+/-0.210 χ^2/NDF :39.4/2

Left: 2.363+/-0.132 χ^2/NDF : 119.0/7

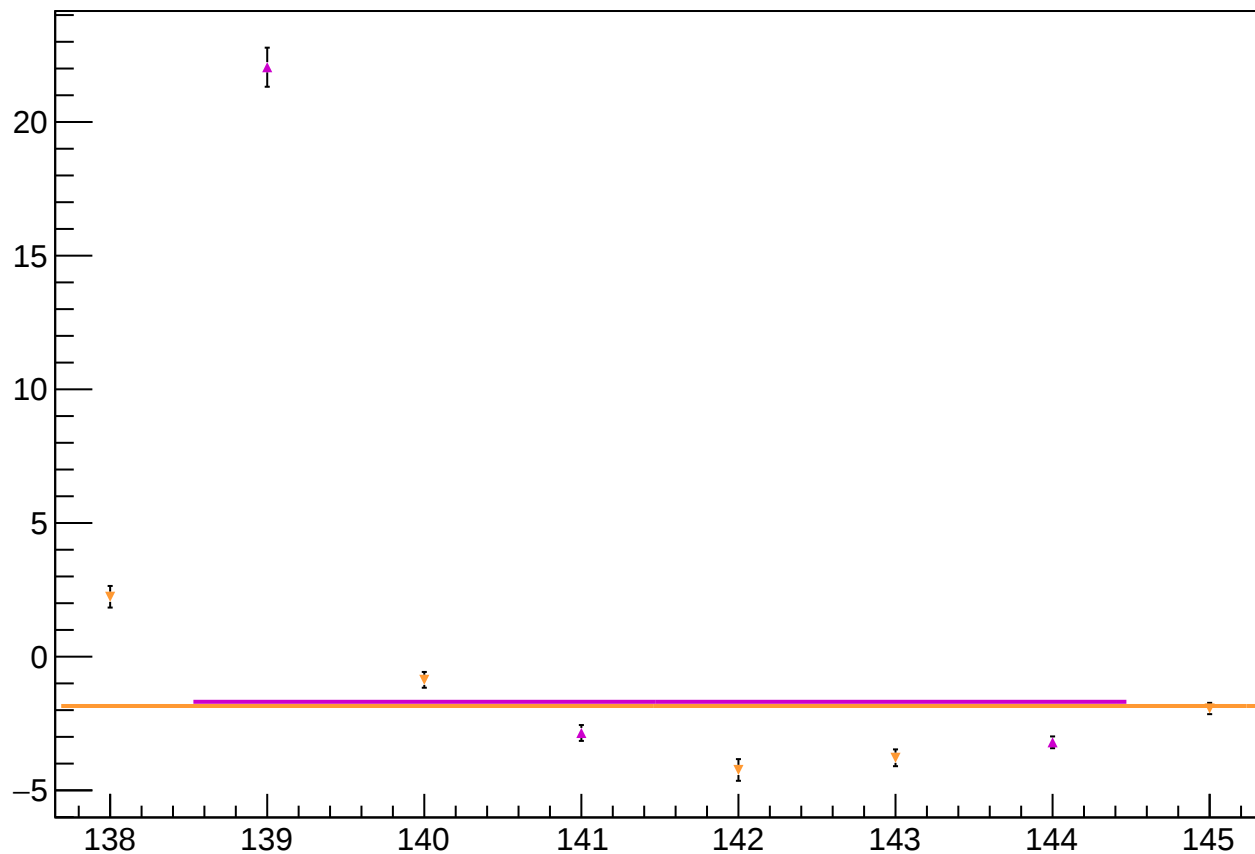
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.659+/-0.210 χ^2/NDF :39.4/2

Out: 2.815+/-0.168 χ^2/NDF :61.2/4

All: 2.363+/-0.132 χ^2/NDF : 119.0/7

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: -1.688+/-0.172 χ^2/NDF :1117.0/2

Left: -1.786+/-0.105 χ^2/NDF : 1303.7/7

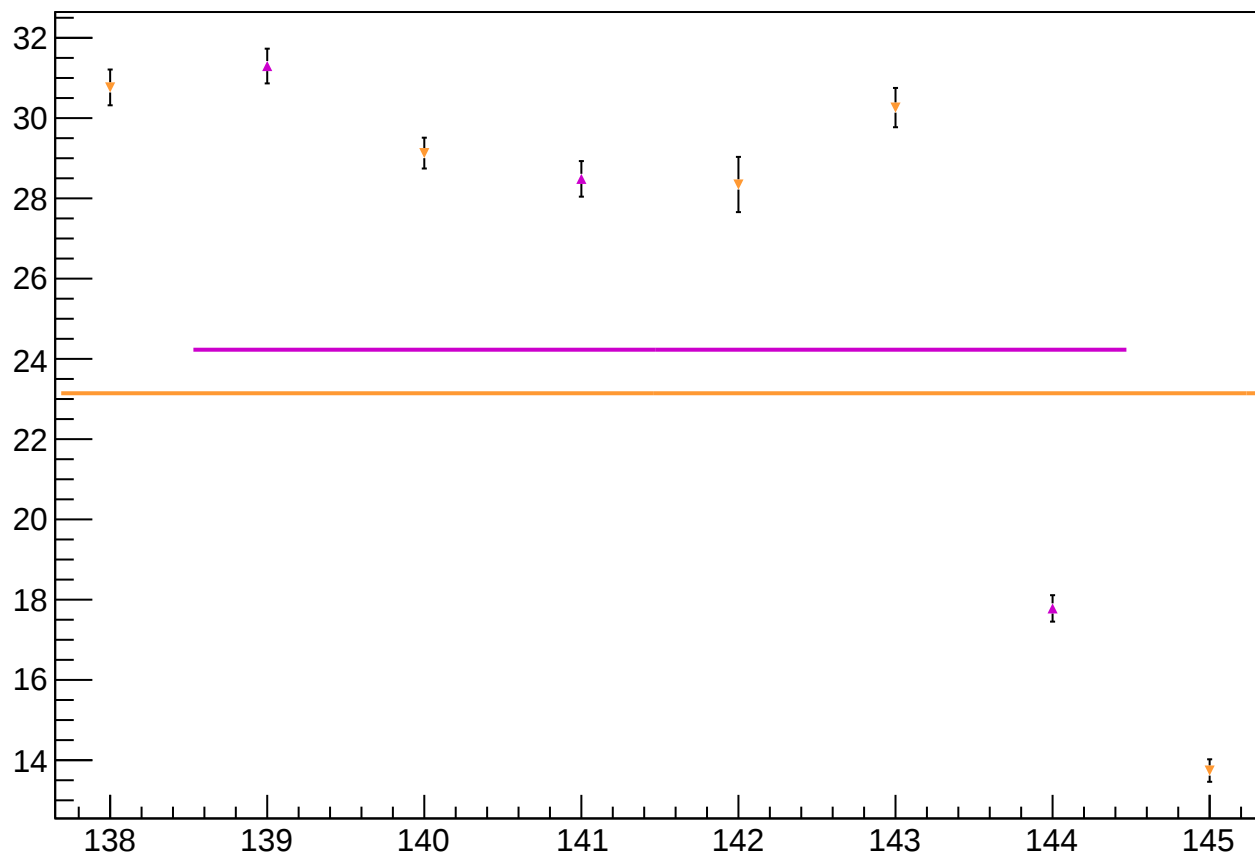
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.688+/-0.172 χ^2/NDF :1117.0/2

Out: -1.845+/-0.133 χ^2/NDF :186.1/4

All: -1.786+/-0.105 χ^2/NDF : 1303.7/7

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: 24.229+/-0.226 χ^2/NDF :741.9/2

Left: 23.566+/-0.141 χ^2/NDF : 2684.4/7

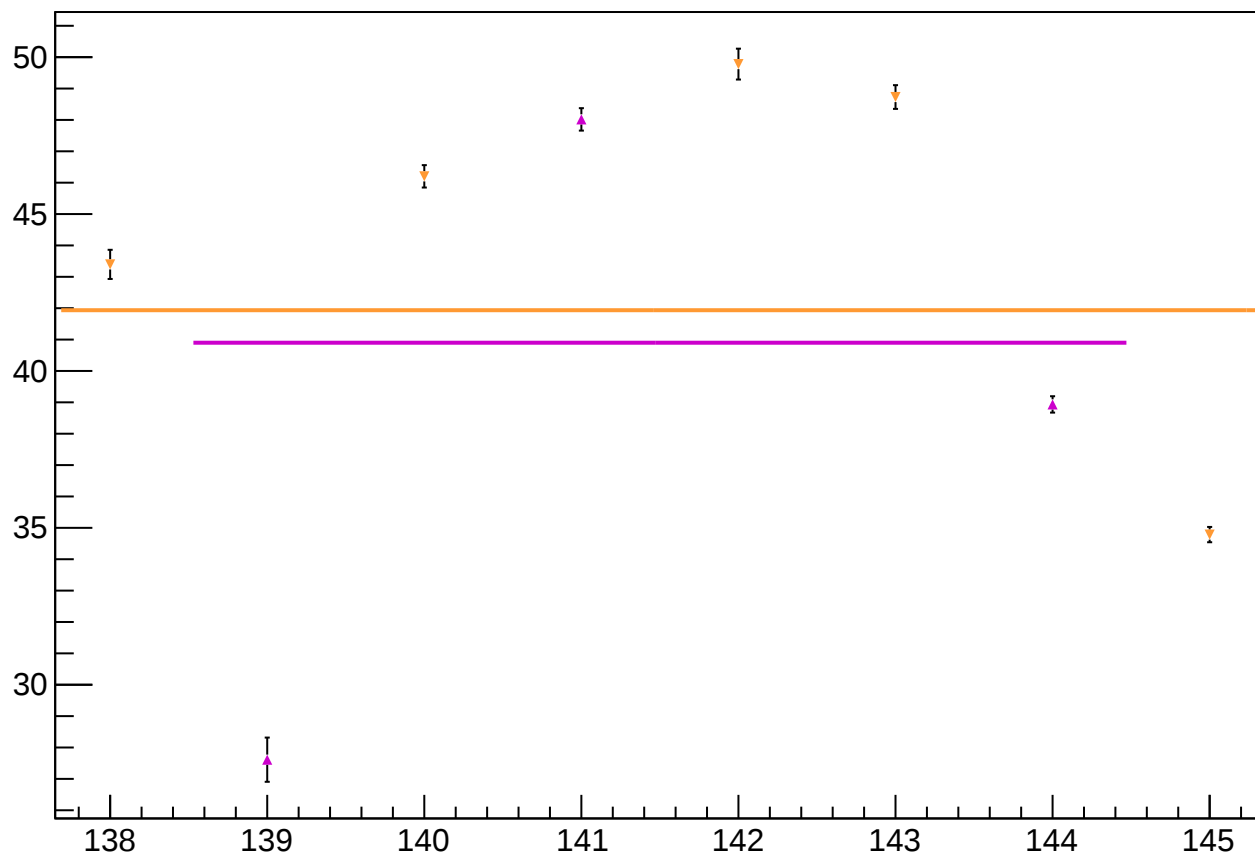
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.229+/-0.226 χ^2/NDF :741.9/2

Out: 23.144+/-0.180 χ^2/NDF :1928.4/4

All: 23.566+/-0.141 χ^2/NDF : 2684.4/7

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: 40.900+/-0.202 χ^2/NDF :808.8/2

Left: 41.544+/-0.124 χ^2/NDF : 2413.9/7

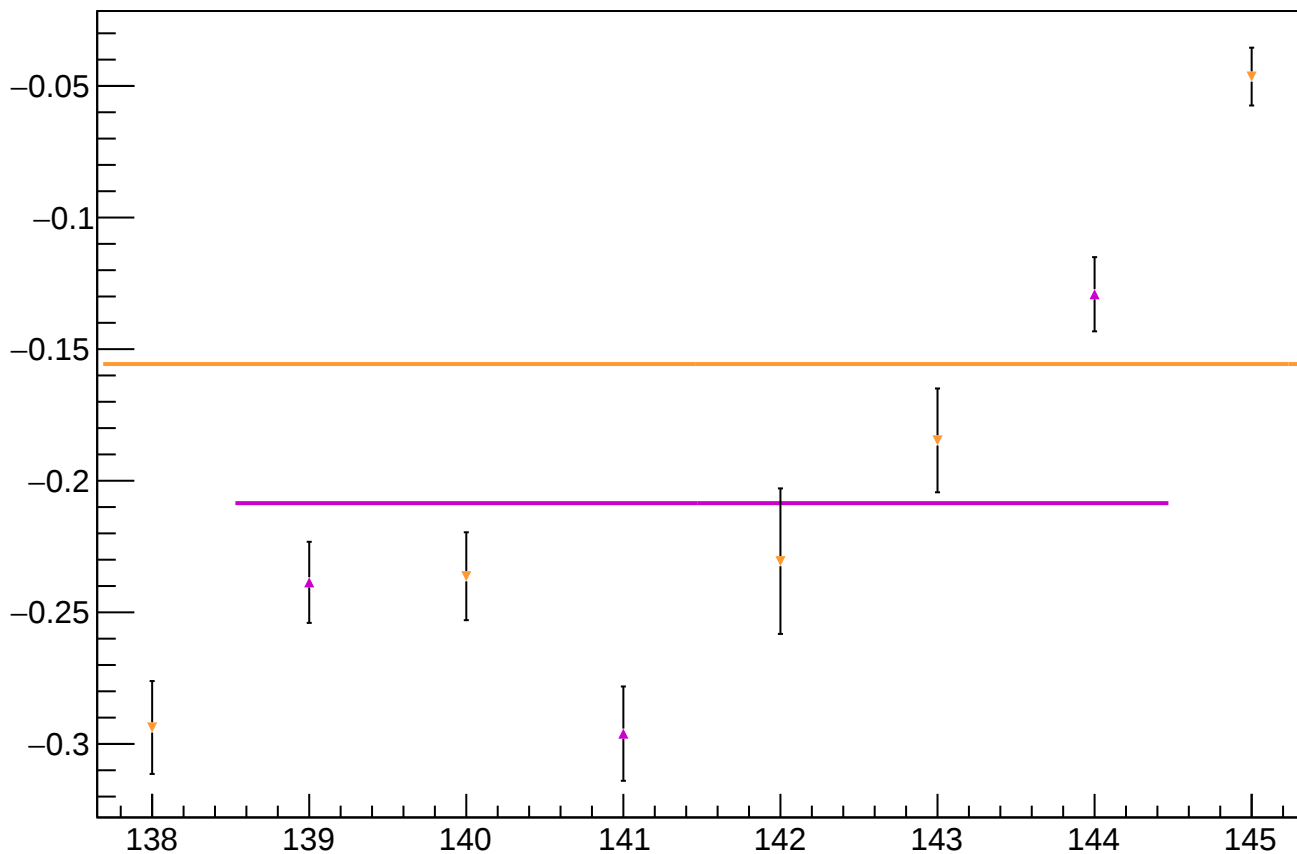
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.900+/-0.202 χ^2/NDF :808.8/2

Out: 41.936+/-0.157 χ^2/NDF :1588.7/4

All: 41.544+/-0.124 χ^2/NDF : 2413.9/7

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.156 $\pm$ 0.007 χ^2 /NDF:192.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.209 $\pm$ 0.009 χ^2 /NDF:59.4/2

Left: -0.177 $\pm$ 0.006 χ^2 /NDF: 273.2/7

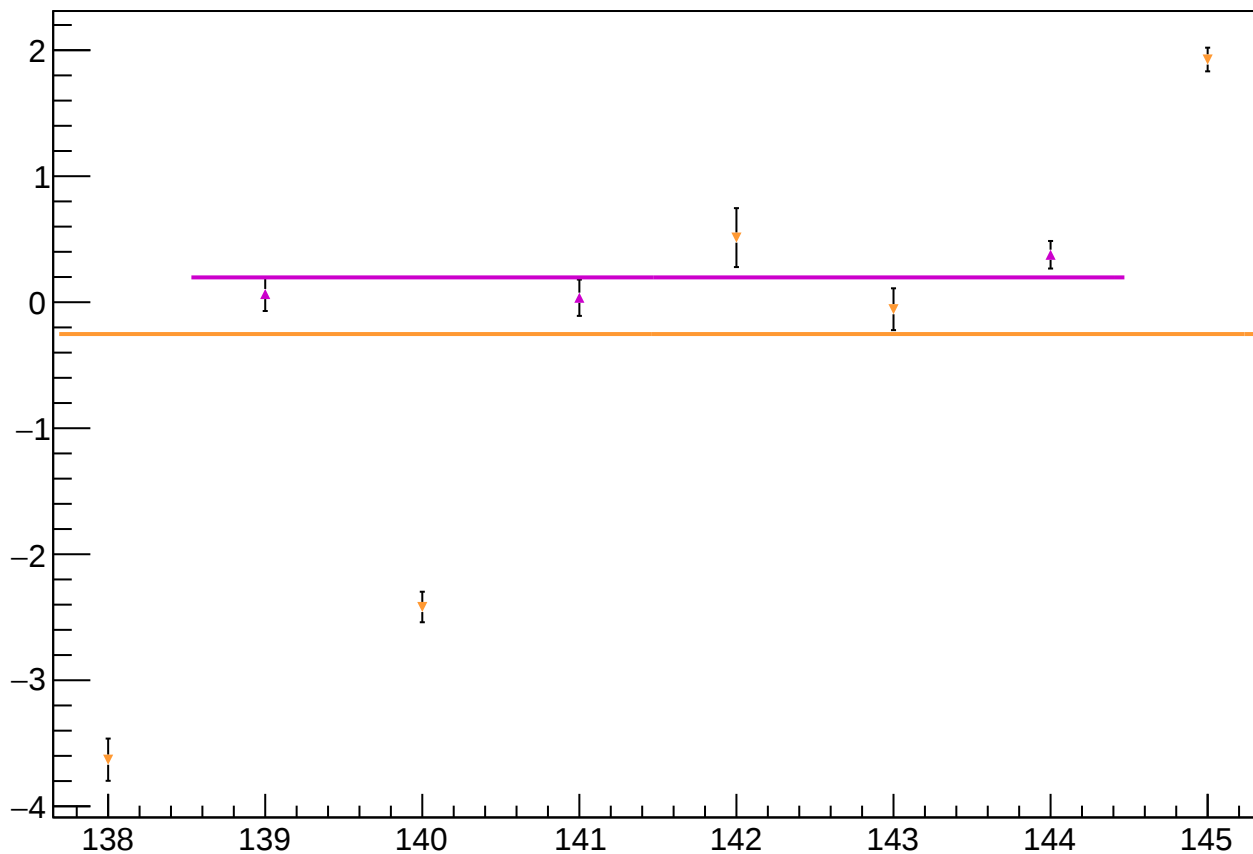
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.209 $\pm$ 0.009 χ^2 /NDF:59.4/2

Out: -0.156 $\pm$ 0.007 χ^2 /NDF:192.9/4

All: -0.177 $\pm$ 0.006 χ^2 /NDF: 273.2/7

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: 0.197+/-0.073 χ^2/NDF :4.9/2

Left: -0.069+/-0.047 χ^2/NDF : 1303.5/7

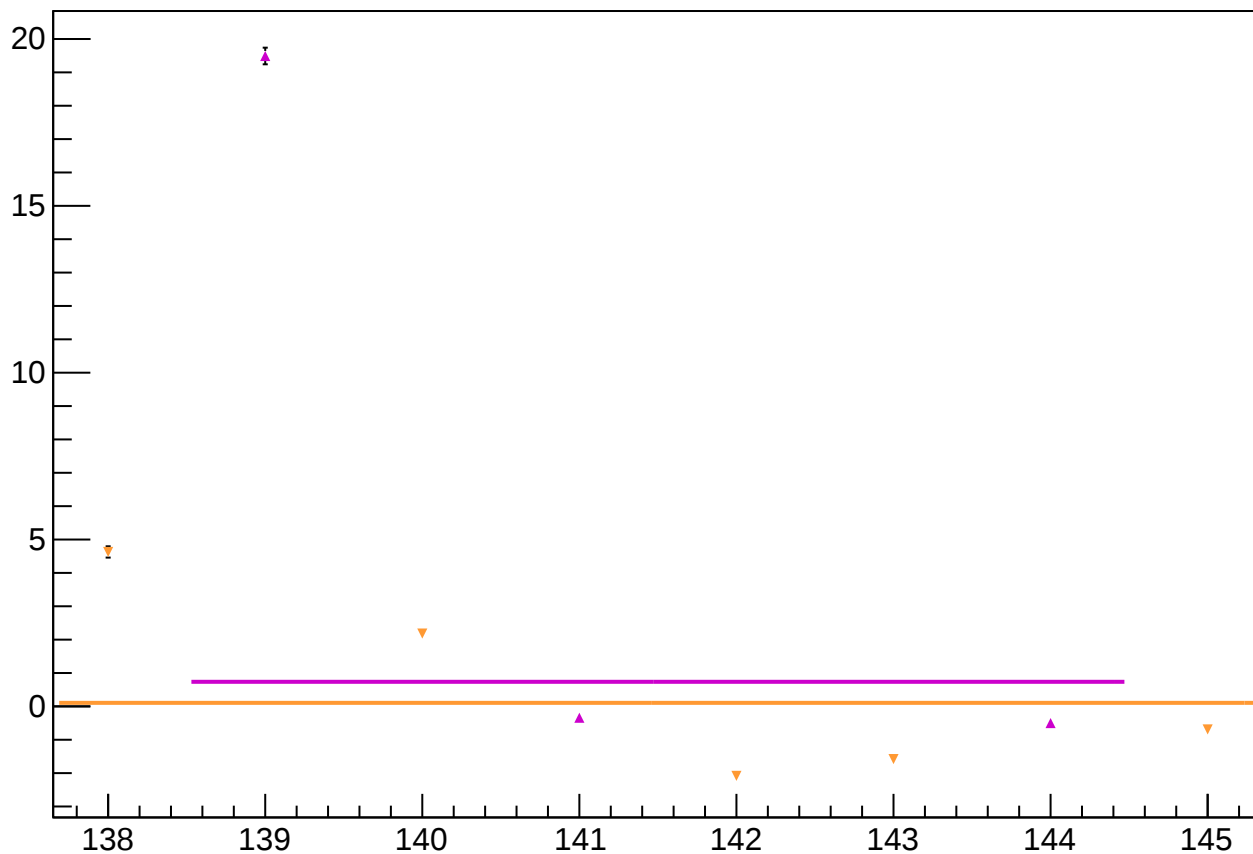
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.197+/-0.073 χ^2/NDF :4.9/2

Out: -0.253+/-0.061 χ^2/NDF :1276.3/4

All: -0.069+/-0.047 χ^2/NDF : 1303.5/7

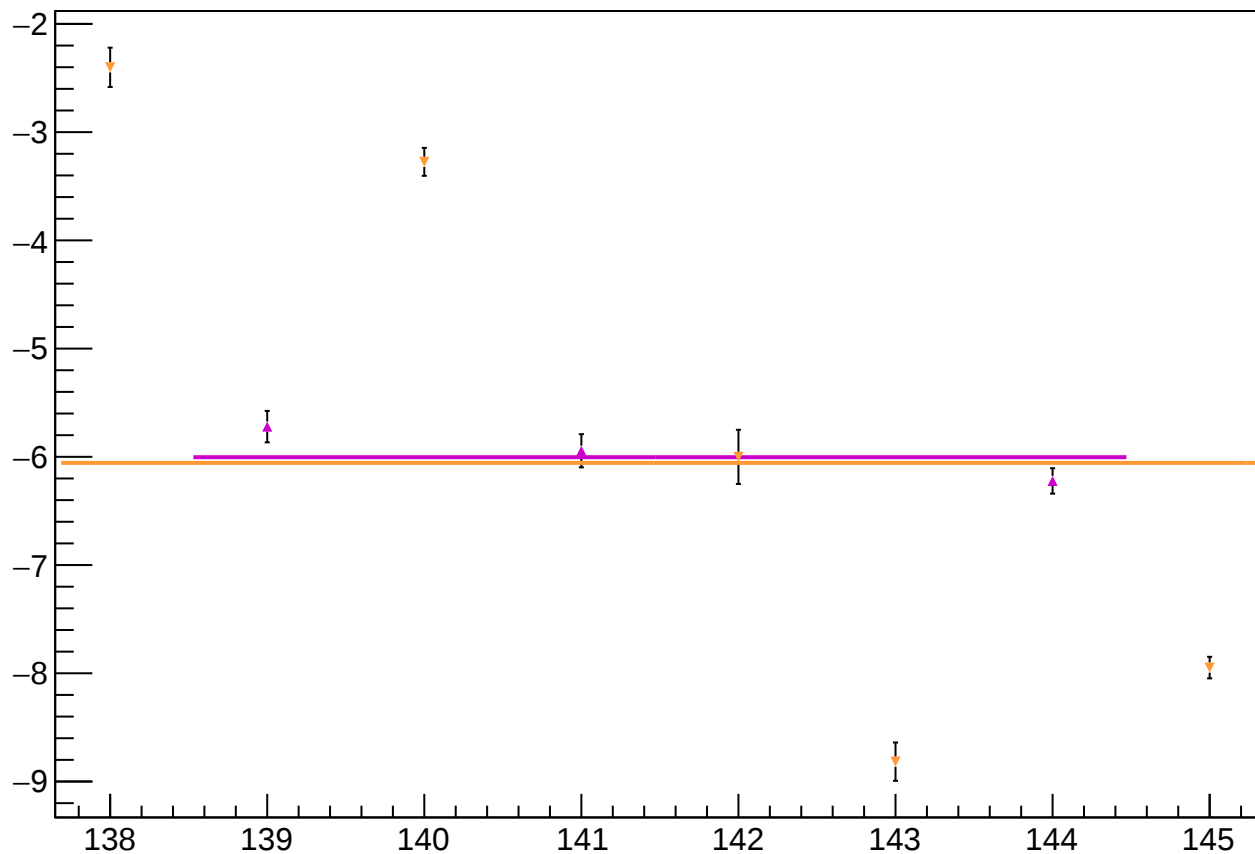
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 0.737+/-0.061 χ^2/NDF :6021.4/2

Left: 0.352+/-0.038 χ^2/NDF : 7777.3/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.737+/-0.061 χ^2/NDF :6021.4/2
 Out: 0.106+/-0.048 χ^2/NDF :1689.8/4
 All: 0.352+/-0.038 χ^2/NDF : 7777.3/7

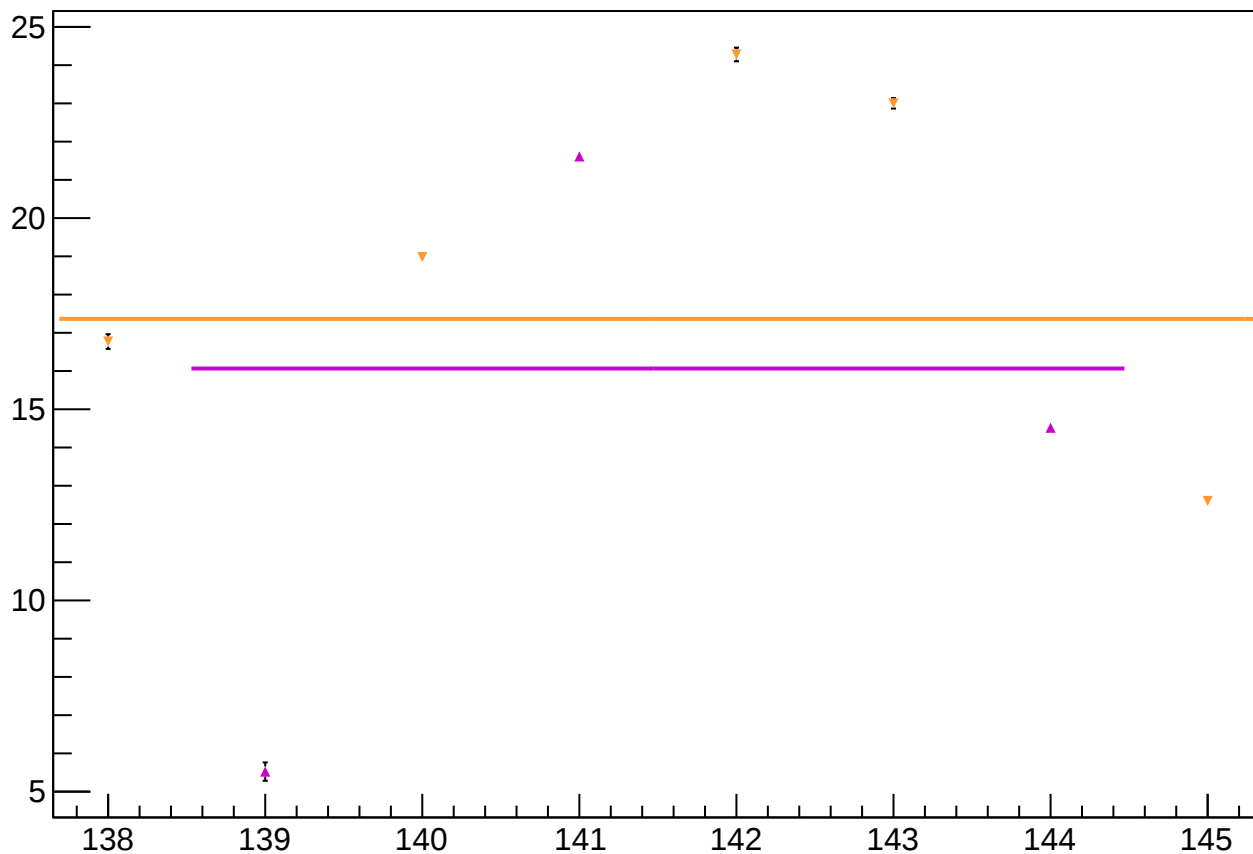
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -6.004+/-0.078 χ^2/NDF :7.4/2

Left: -6.035+/-0.050 χ^2/NDF : 1481.1/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.004+/-0.078 χ^2/NDF :7.4/2
 Out: -6.056+/-0.065 χ^2/NDF :1473.4/4
 All: -6.035+/-0.050 χ^2/NDF : 1481.1/7

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.365+/-0.057 χ^2/NDF : 6284.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.066+/-0.071 χ^2/NDF : 4208.8/2

Left: 16.856+/-0.044 χ^2/NDF : 10696.6/7

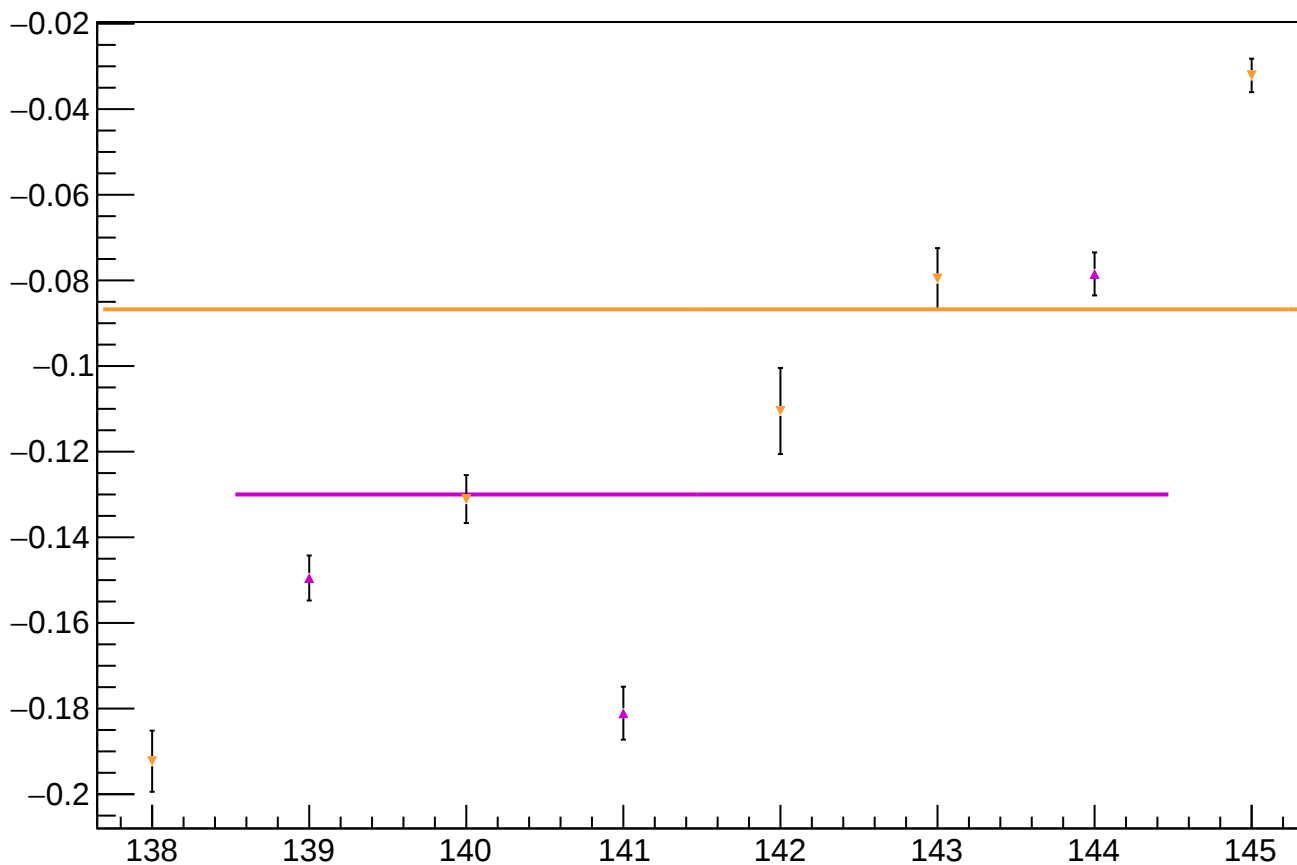
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.066+/-0.071 χ^2/NDF : 4208.8/2

Out: 17.365+/-0.057 χ^2/NDF : 6284.2/4

All: 16.856+/-0.044 χ^2/NDF : 10696.6/7

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: -0.130+/-0.003 χ^2/NDF :187.3/2

Left: -0.104+/-0.002 χ^2/NDF : 782.9/7

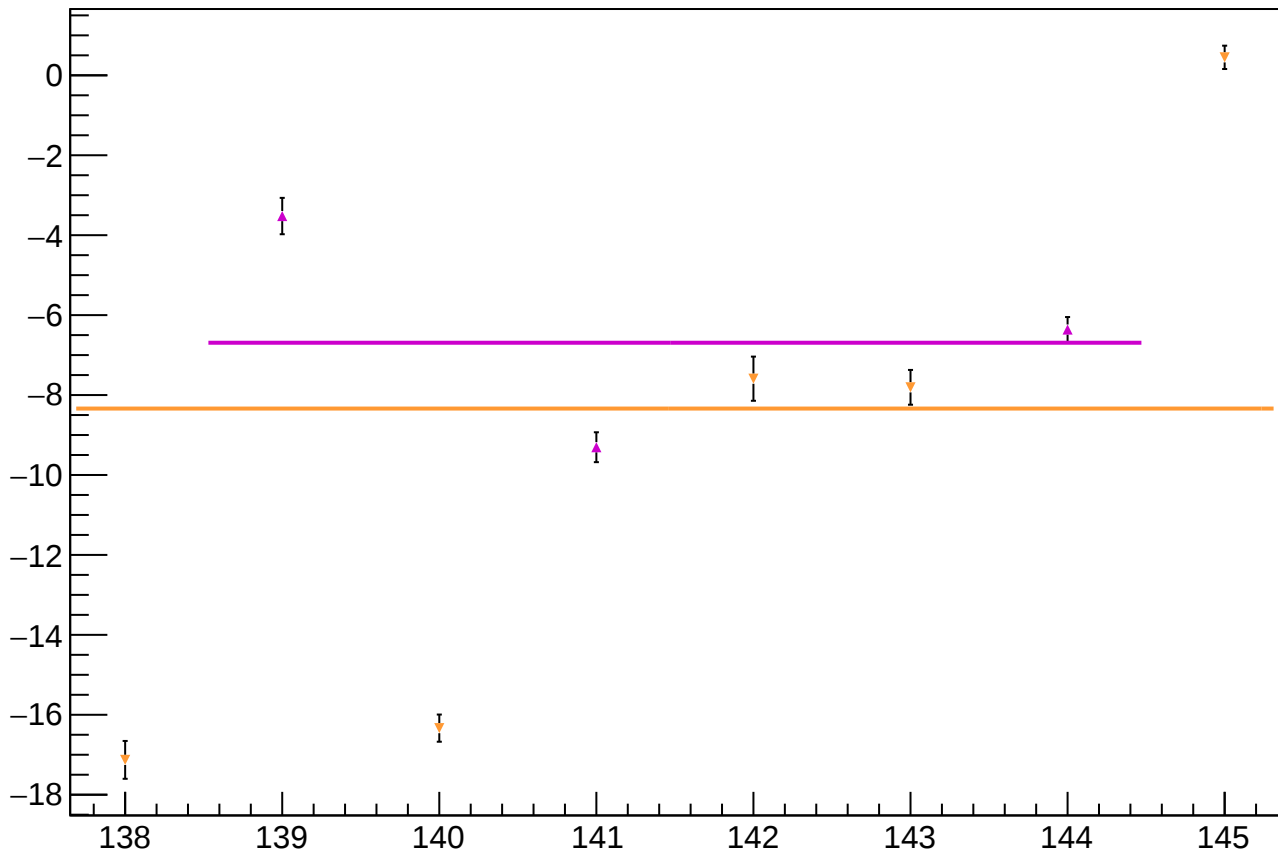
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.130+/-0.003 χ^2/NDF :187.3/2

Out: -0.087+/-0.003 χ^2/NDF :483.1/4

All: -0.104+/-0.002 χ^2/NDF : 782.9/7

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -8.338 ± 0.173 $\chi^2/\text{NDF}: 1807.0/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -6.691 ± 0.212 $\chi^2/\text{NDF}: 98.6/2$

Left: -7.680 ± 0.134 $\chi^2/\text{NDF}: 1941.8/7$

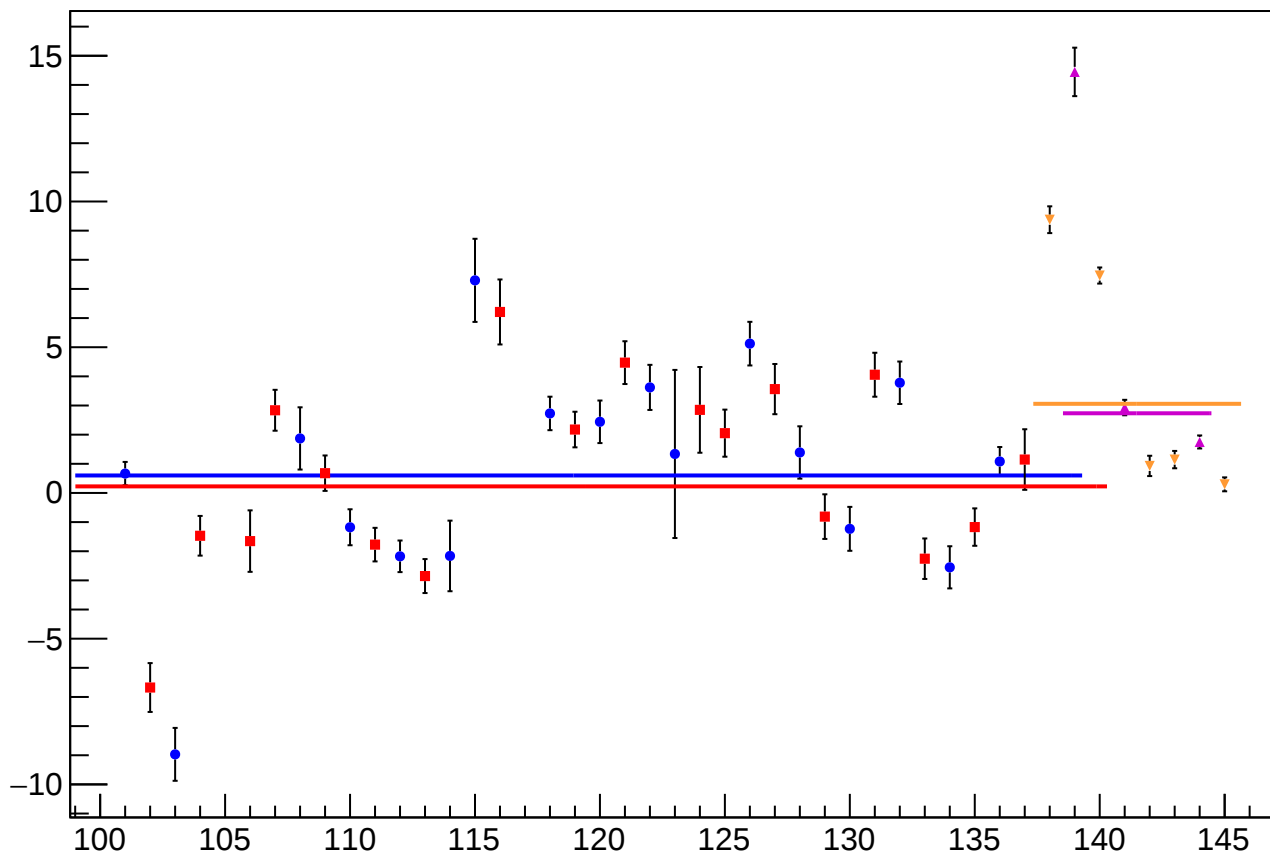
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -6.691 ± 0.212 $\chi^2/\text{NDF}: 98.6/2$

Out: -8.338 ± 0.173 $\chi^2/\text{NDF}: 1807.0/4$

All: -7.680 ± 0.134 $\chi^2/\text{NDF}: 1941.8/7$

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: 2.734 $\pm$ 0.167 χ^2 /NDF:218.3/2

Left: 2.930 $\pm$ 0.105 χ^2 /NDF: 876.1/7

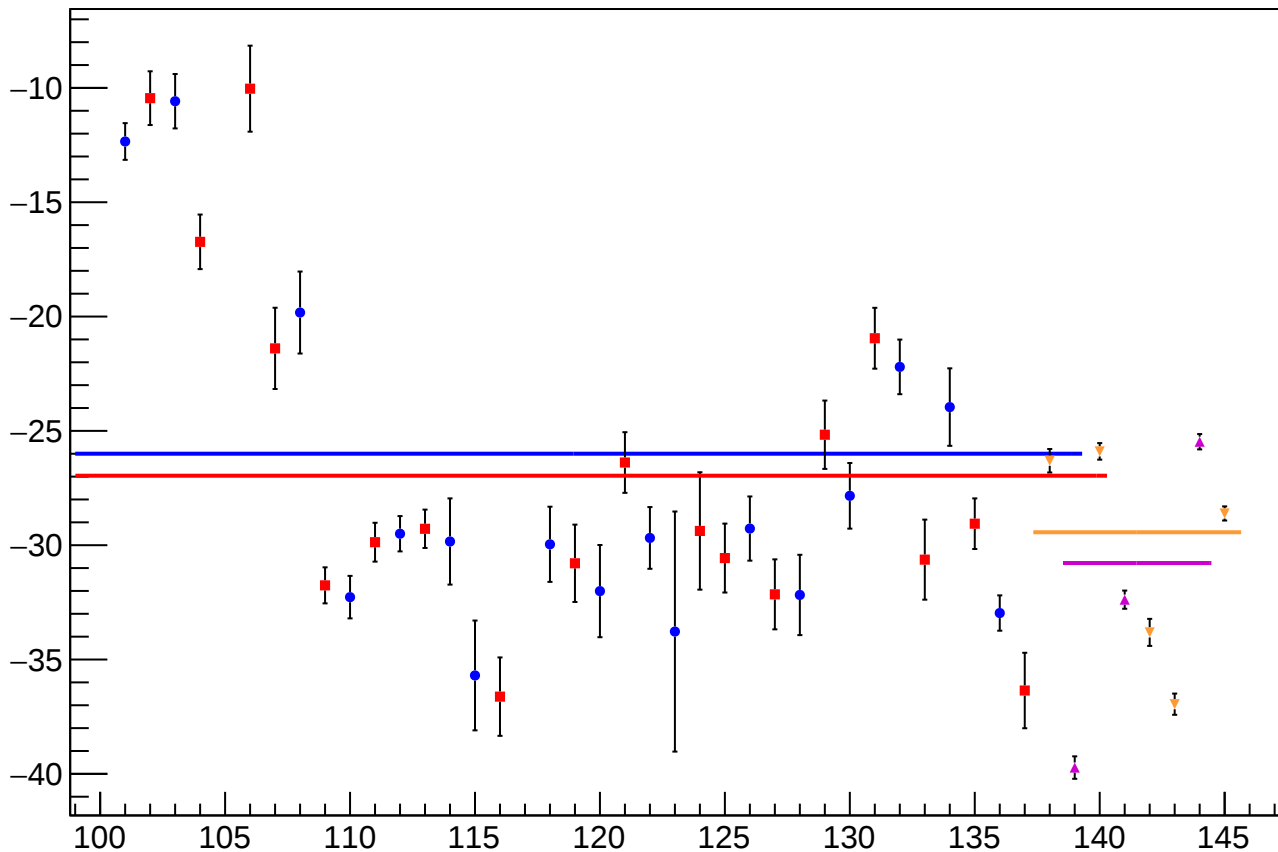
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 1.679 $\pm$ 0.119 χ^2 /NDF:590.7/19

Out: 2.000 $\pm$ 0.107 χ^2 /NDF:1093.3/22

All: 1.857 $\pm$ 0.079 χ^2 /NDF: 1688.0/42

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: -30.779 ± 0.227 χ^2/NDF : 598.1/2

Left: -29.968 ± 0.143 χ^2/NDF : 1076.3/7

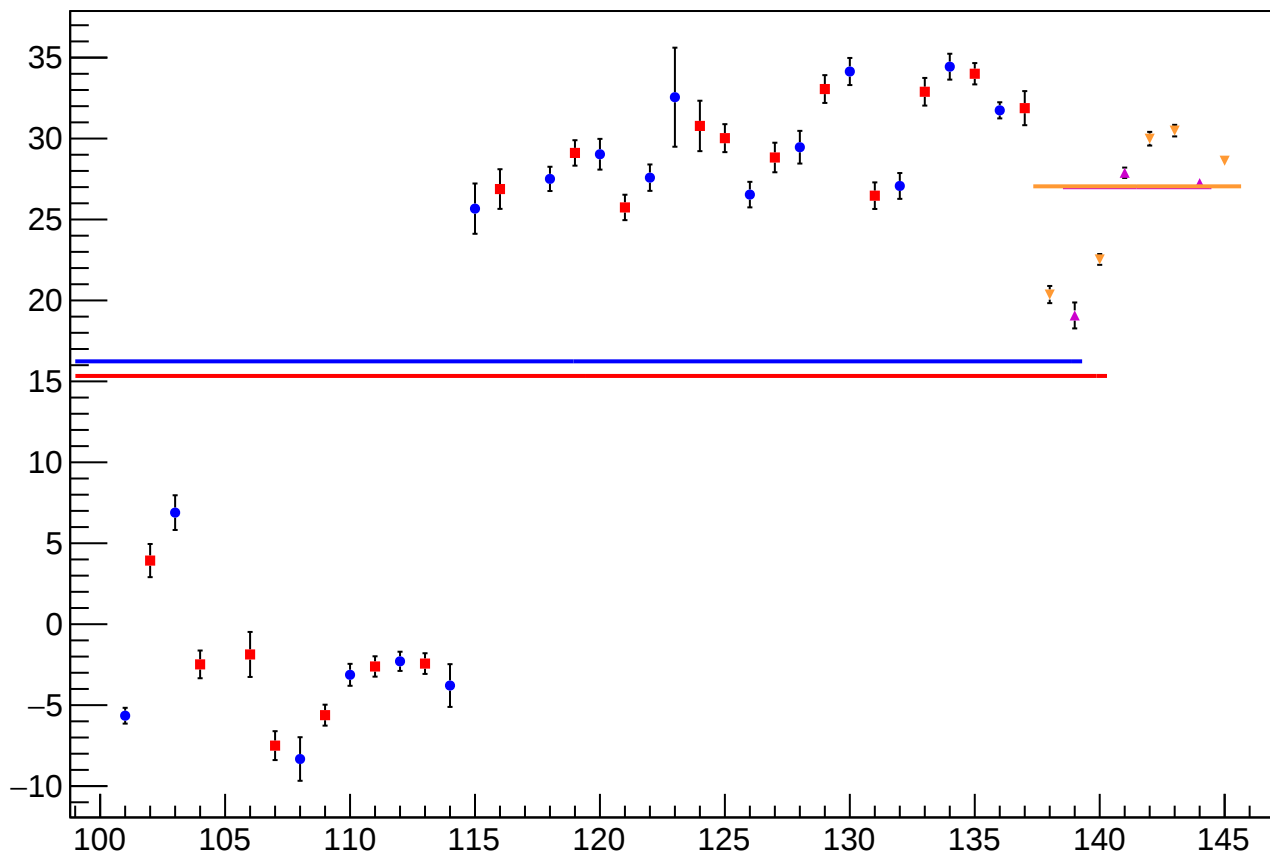
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -29.037 ± 0.181 χ^2/NDF : 1452.0/19

Out: -28.749 ± 0.157 χ^2/NDF : 1042.2/22

All: -28.872 ± 0.119 χ^2/NDF : 2495.7/42

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: 26.994 $\pm$ 0.198 χ^2 /NDF:106.3/2

Left: 27.027 $\pm$ 0.124 χ^2 /NDF: 622.0/7

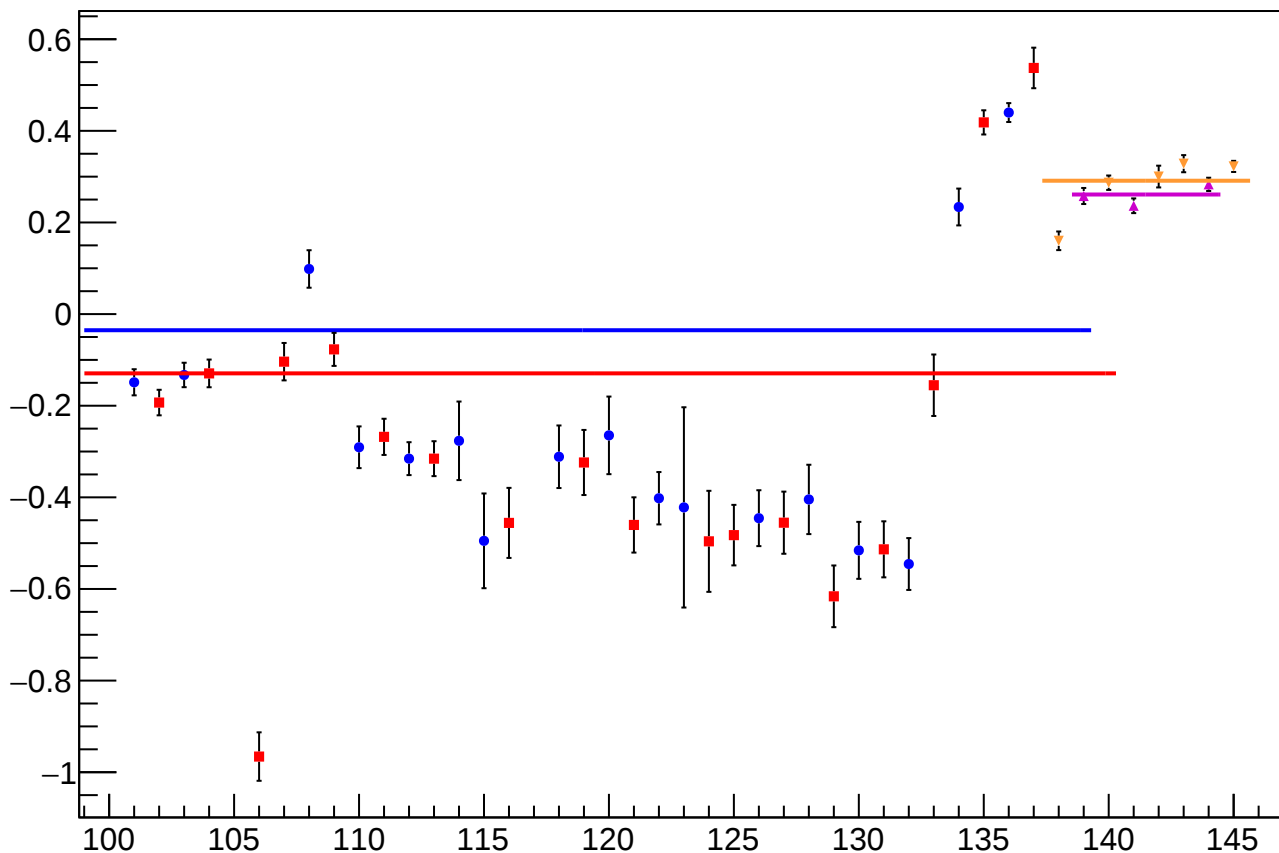
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 21.445 $\pm$ 0.137 χ^2 /NDF:9215.8/19

Out: 22.403 $\pm$ 0.124 χ^2 /NDF:9905.2/22

All: 21.973 $\pm$ 0.092 χ^2 /NDF: 19147.8/42

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: 0.261 ± 0.009 χ^2/NDF : 4.7/2

Left: 0.279 ± 0.006 χ^2/NDF : 63.6/7

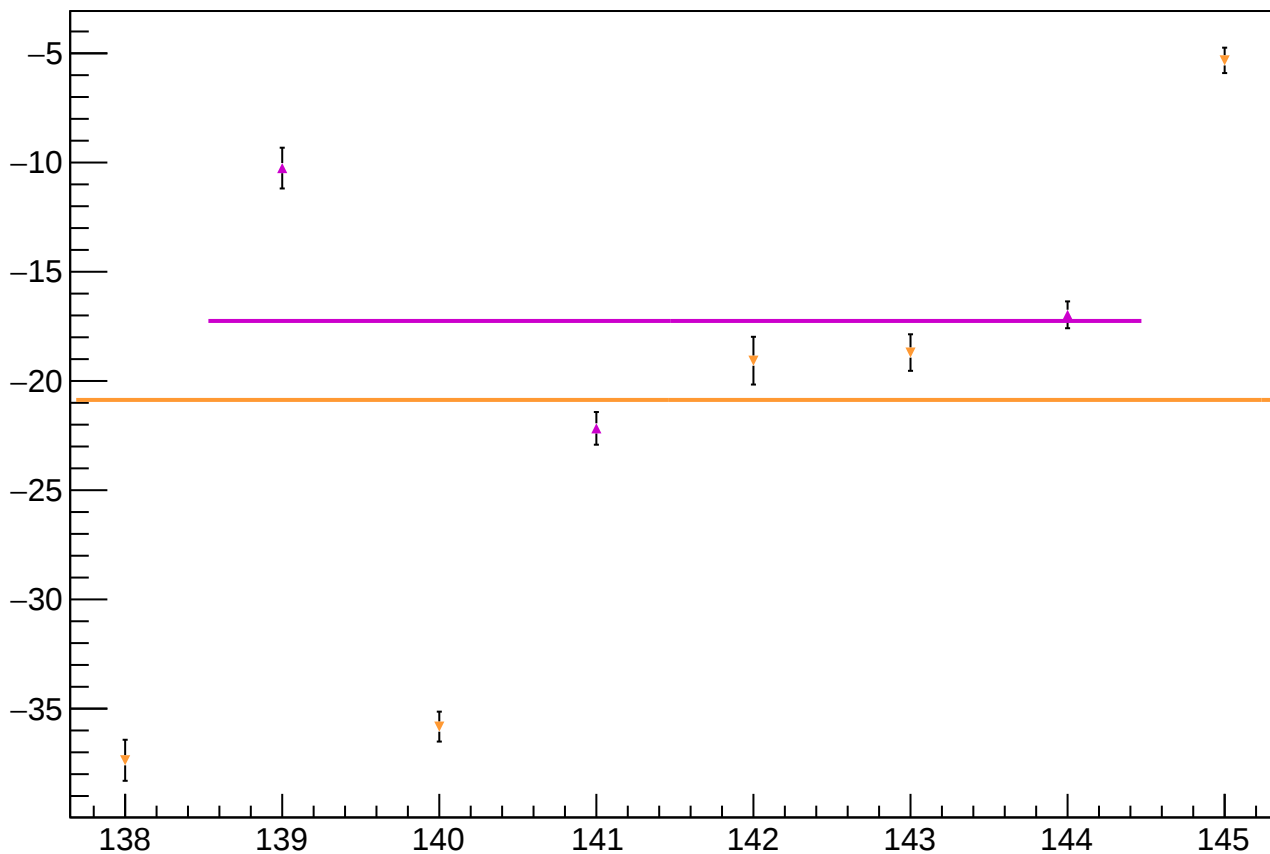
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.130 ± 0.007 χ^2/NDF : 1479.1/19

Out: 0.148 ± 0.006 χ^2/NDF : 2292.8/22

All: 0.140 ± 0.005 χ^2/NDF : 3775.4/42

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: -17.252+/-0.423 χ^2/NDF :99.6/2

Left: -19.432+/-0.267 χ^2/NDF : 1653.2/7

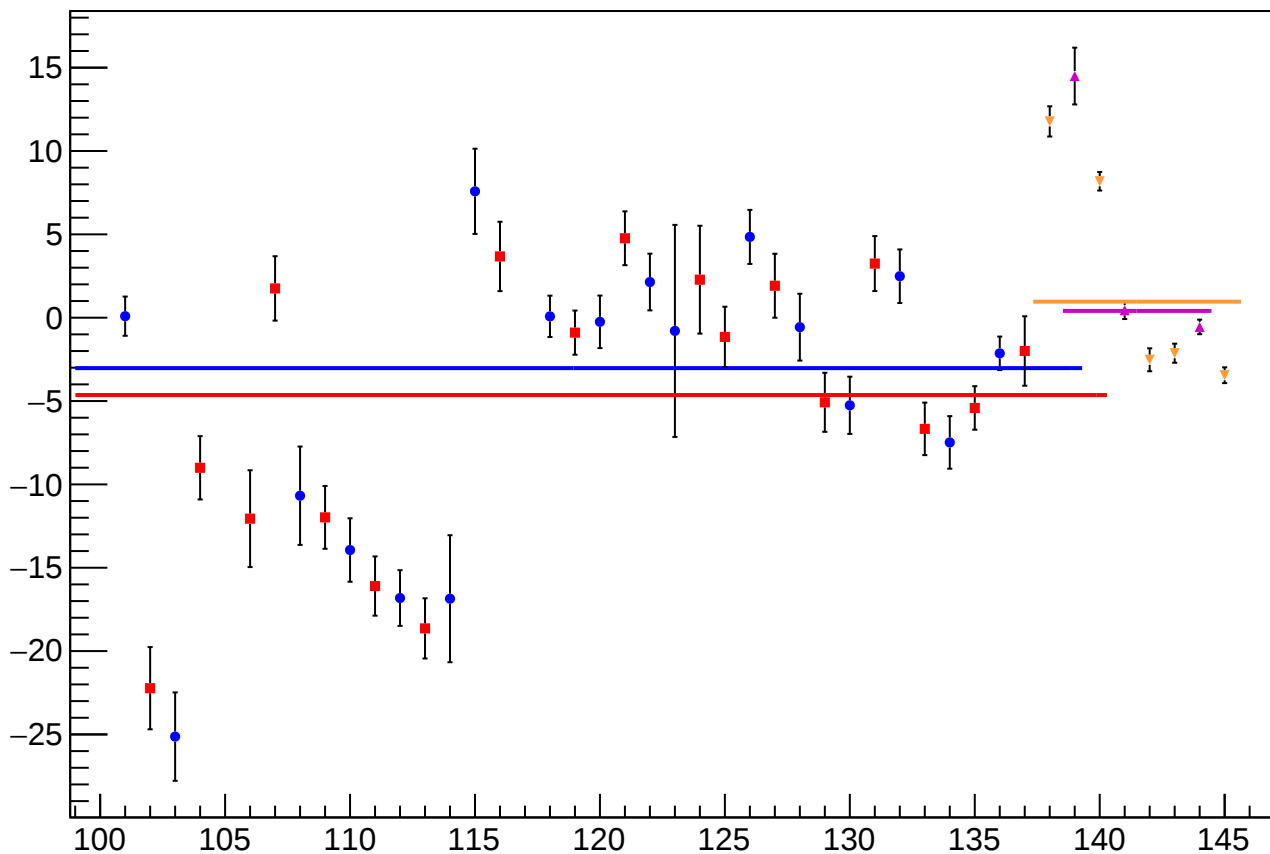
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.252+/-0.423 χ^2/NDF :99.6/2

Out: -20.867+/-0.343 χ^2/NDF :1509.5/4

All: -19.432+/-0.267 χ^2/NDF : 1653.2/7

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: 0.963 ± 0.266 $\chi^2/\text{NDF}: 453.6/4$

Right Out: -4.640 ± 0.427 $\chi^2/\text{NDF}: 294.9/17$

Left In: 0.407 ± 0.331 $\chi^2/\text{NDF}: 73.3/2$

Left: 0.745 ± 0.207 $\chi^2/\text{NDF}: 528.6/7$

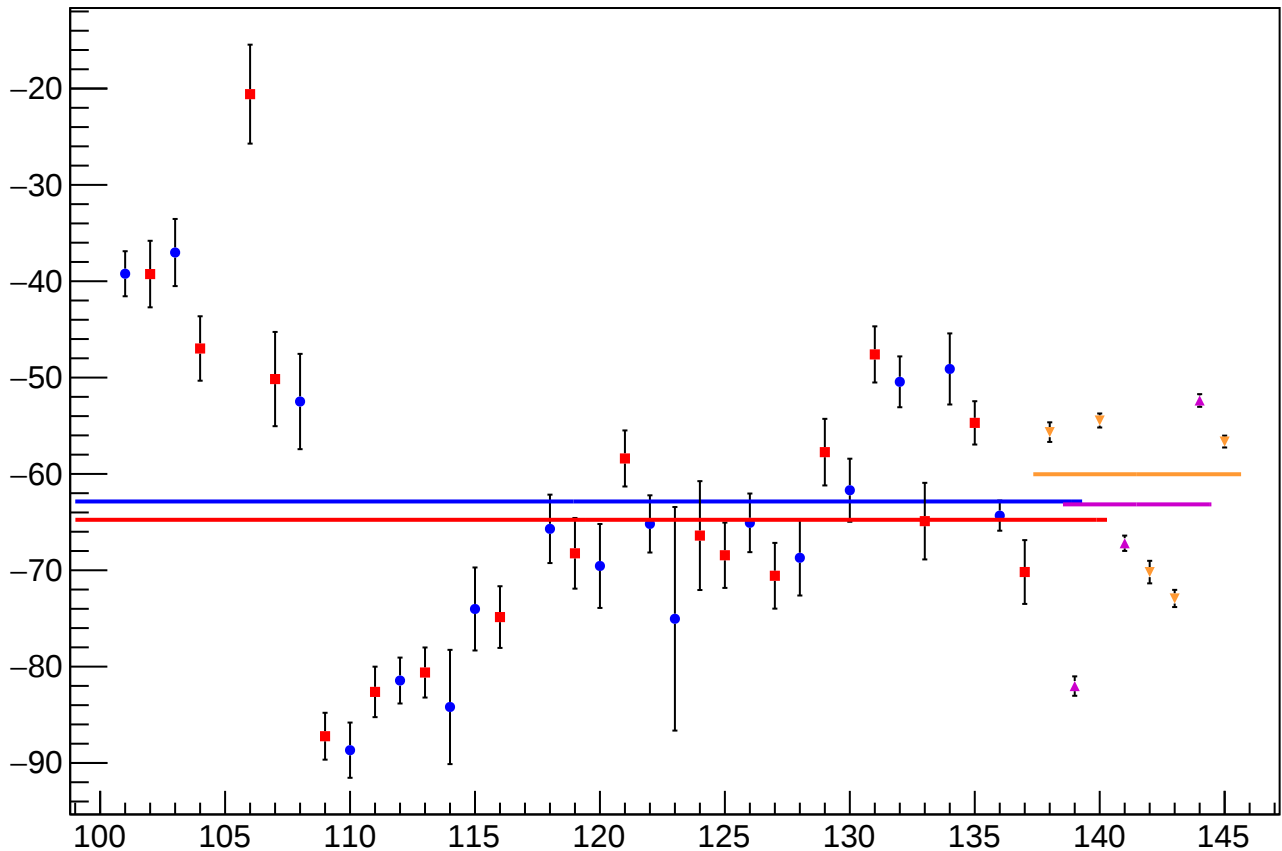
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: -0.955 ± 0.257 $\chi^2/\text{NDF}: 396.6/19$

Out: -0.608 ± 0.226 $\chi^2/\text{NDF}: 872.6/22$

All: -0.759 ± 0.170 $\chi^2/\text{NDF}: 1270.2/42$

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: -63.160 ± 0.453 χ^2/NDF : 644.2/2

Left: -61.268 ± 0.285 χ^2/NDF : 1064.4/7

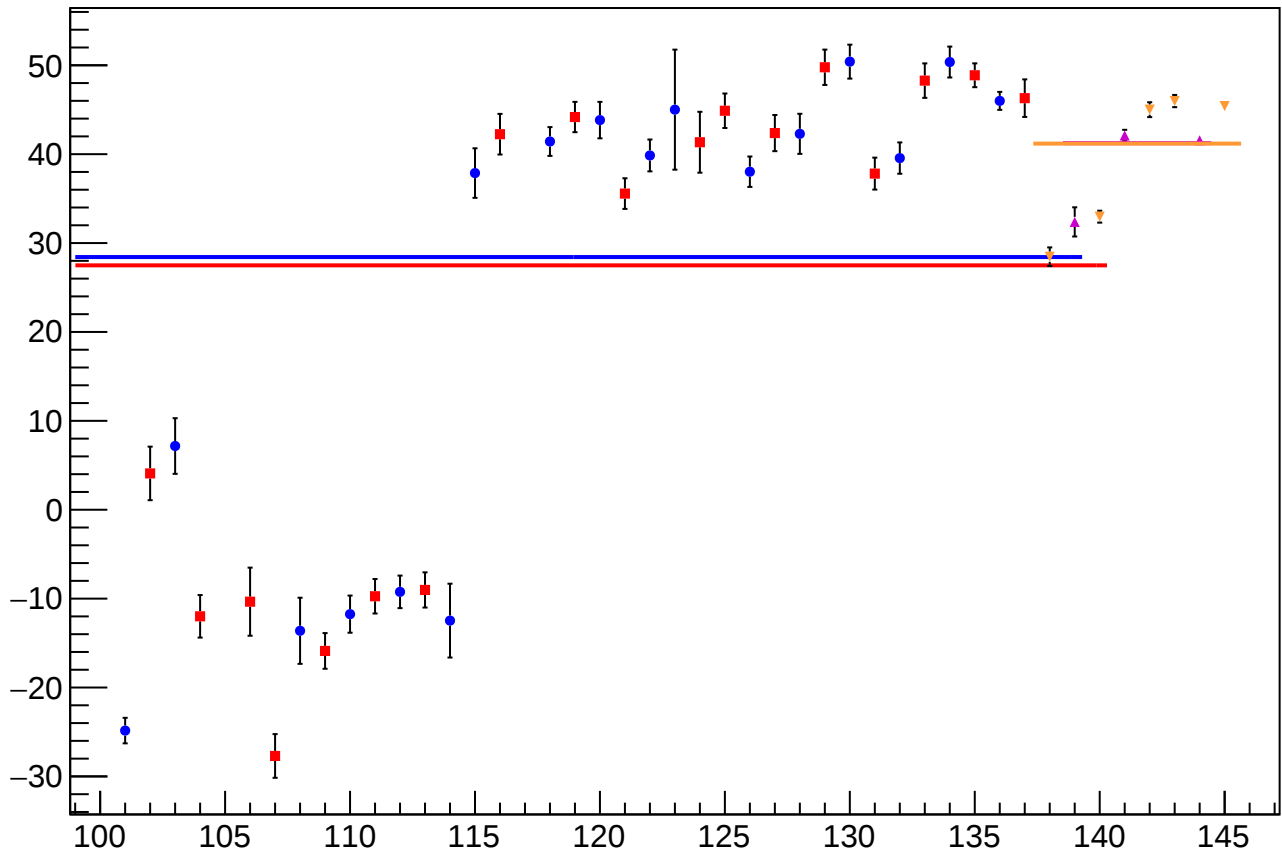
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -63.078 ± 0.386 χ^2/NDF : 1012.0/19

Out: -60.937 ± 0.329 χ^2/NDF : 839.4/22

All: -61.838 ± 0.251 χ^2/NDF : 1869.2/42

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 χ^2/NDF : 3322.4/16

Left Out: 41.188 ± 0.316 χ^2/NDF : 426.6/4

Right Out: 27.493 ± 0.479 χ^2/NDF : 3027.8/17

Left In: 41.240 ± 0.391 χ^2/NDF : 31.3/2

Left: 41.208 ± 0.246 χ^2/NDF : 458.0/7

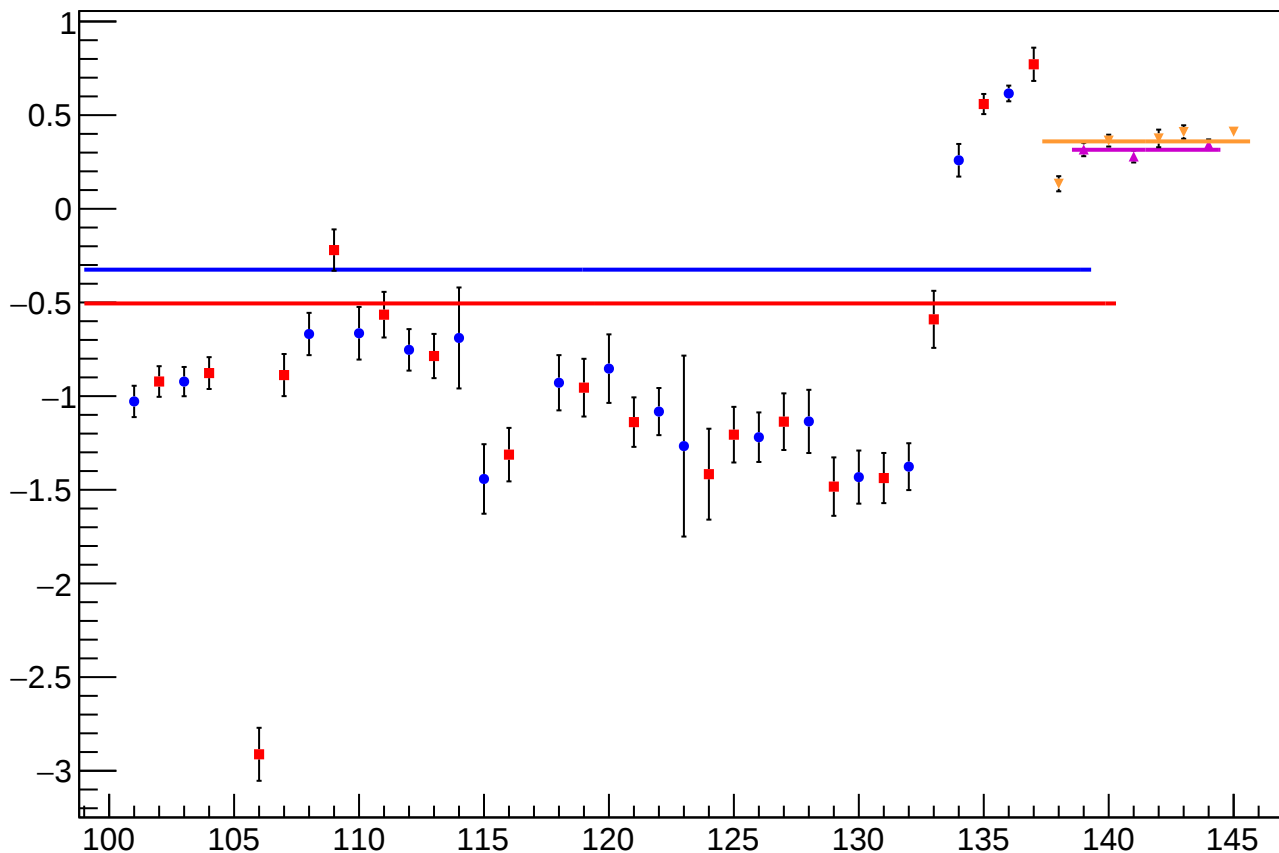
Right: 27.980 ± 0.331 χ^2/NDF : 6352.1/34

In: 35.830 ± 0.297 χ^2/NDF : 3806.4/19

Out: 37.039 ± 0.263 χ^2/NDF : 4024.8/22

All: 36.508 ± 0.197 χ^2/NDF : 7840.5/42

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: 0.315 ± 0.018 χ^2/NDF : 2.1/2

Left: 0.342 ± 0.012 χ^2/NDF : 43.7/7

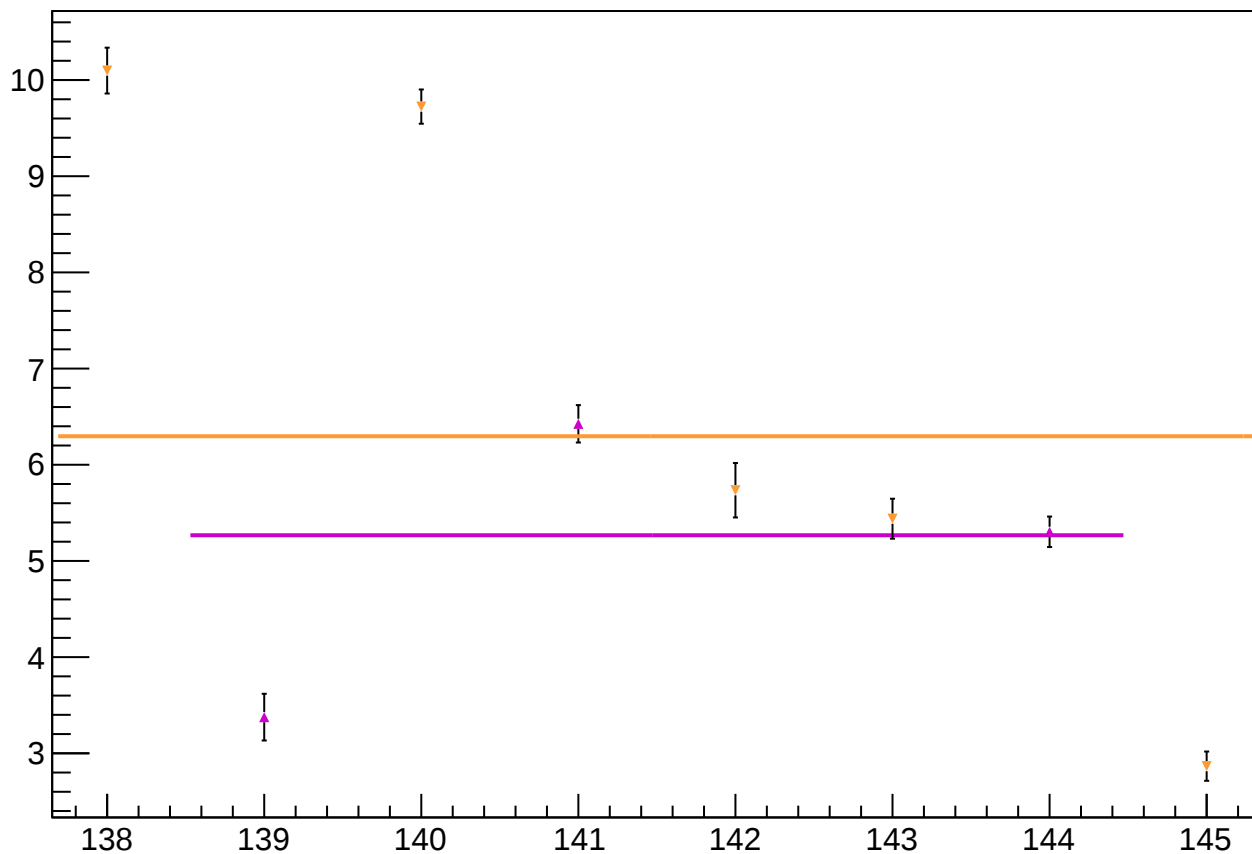
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.091 ± 0.015 χ^2/NDF : 1442.2/19

Out: 0.144 ± 0.013 χ^2/NDF : 2047.2/22

All: 0.121 ± 0.010 χ^2/NDF : 3496.9/42

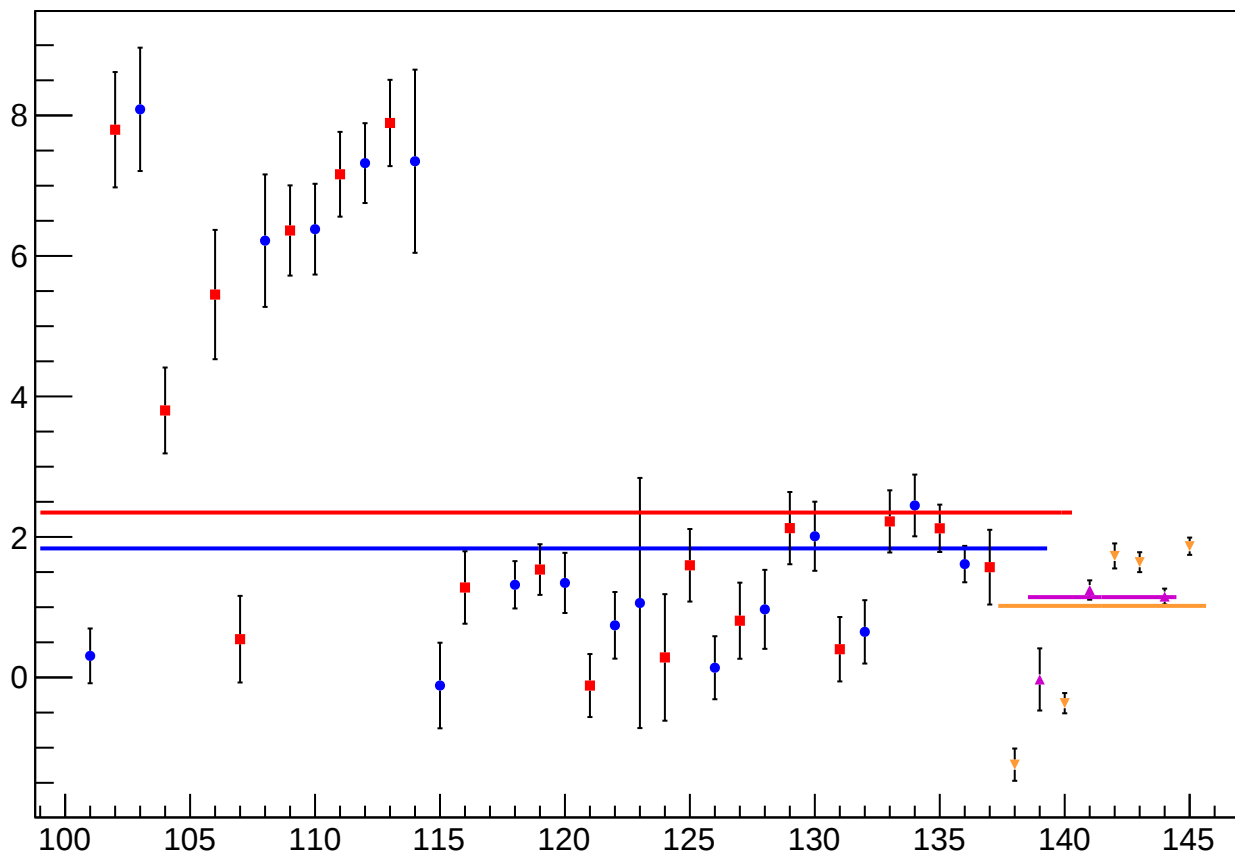
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 5.267 +/- 0.110 χ^2/NDF : 96.2/2

Left: 5.891 +/- 0.069 χ^2/NDF : 1304.0/7
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 5.267 +/- 0.110 χ^2/NDF : 96.2/2
 Out: 6.297 +/- 0.088 χ^2/NDF : 1154.4/4
 All: 5.891 +/- 0.069 χ^2/NDF : 1304.0/7

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.019 ± 0.068 $\chi^2/\text{NDF}: 271.9/4$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 1.143 ± 0.086 $\chi^2/\text{NDF}: 7.6/2$

Left: 1.067 ± 0.053 $\chi^2/\text{NDF}: 280.8/7$

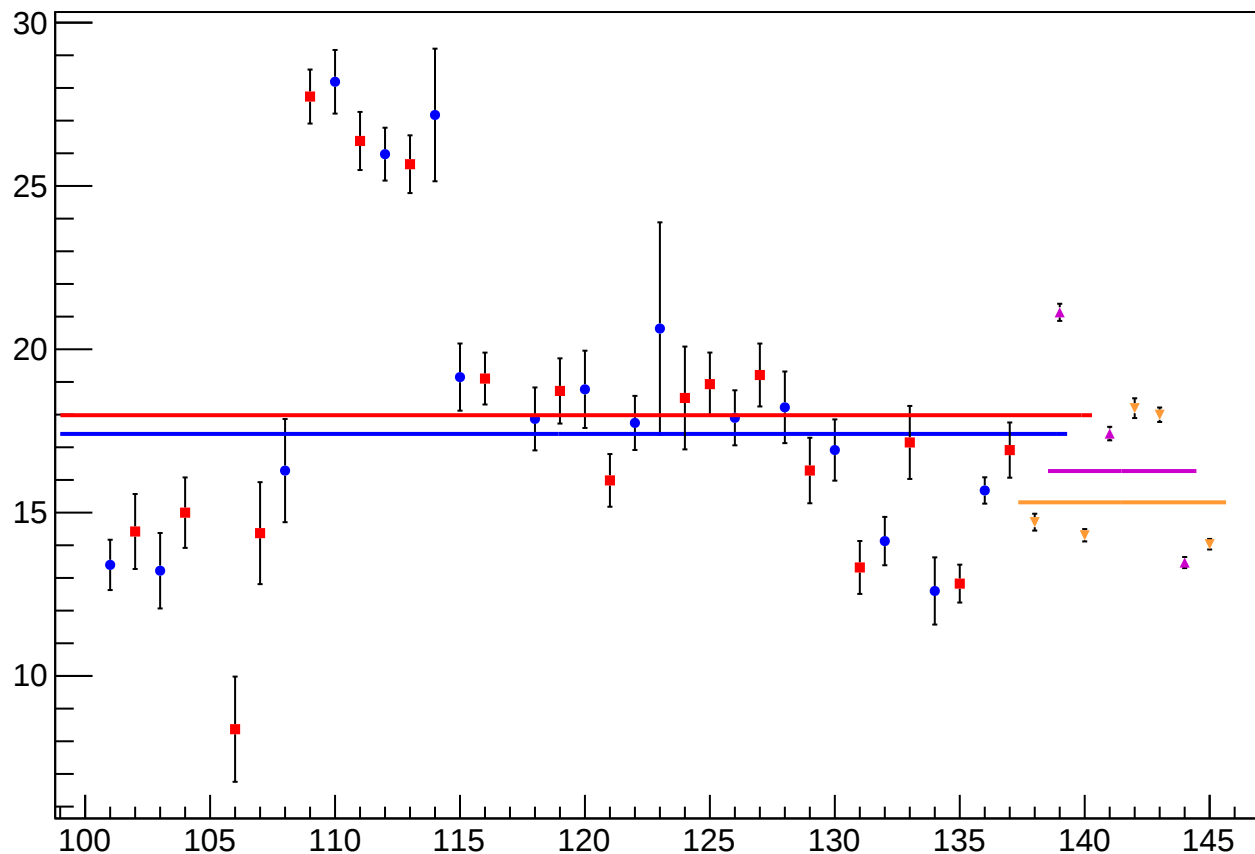
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 1.387 ± 0.069 $\chi^2/\text{NDF}: 324.7/19$

Out: 1.334 ± 0.060 $\chi^2/\text{NDF}: 691.3/22$

All: 1.357 ± 0.045 $\chi^2/\text{NDF}: 1016.4/42$

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: 16.273 $\pm$ 0.117 χ^2 /NDF:645.9/2

Left: 15.691 $\pm$ 0.074 χ^2 /NDF: 1020.5/7

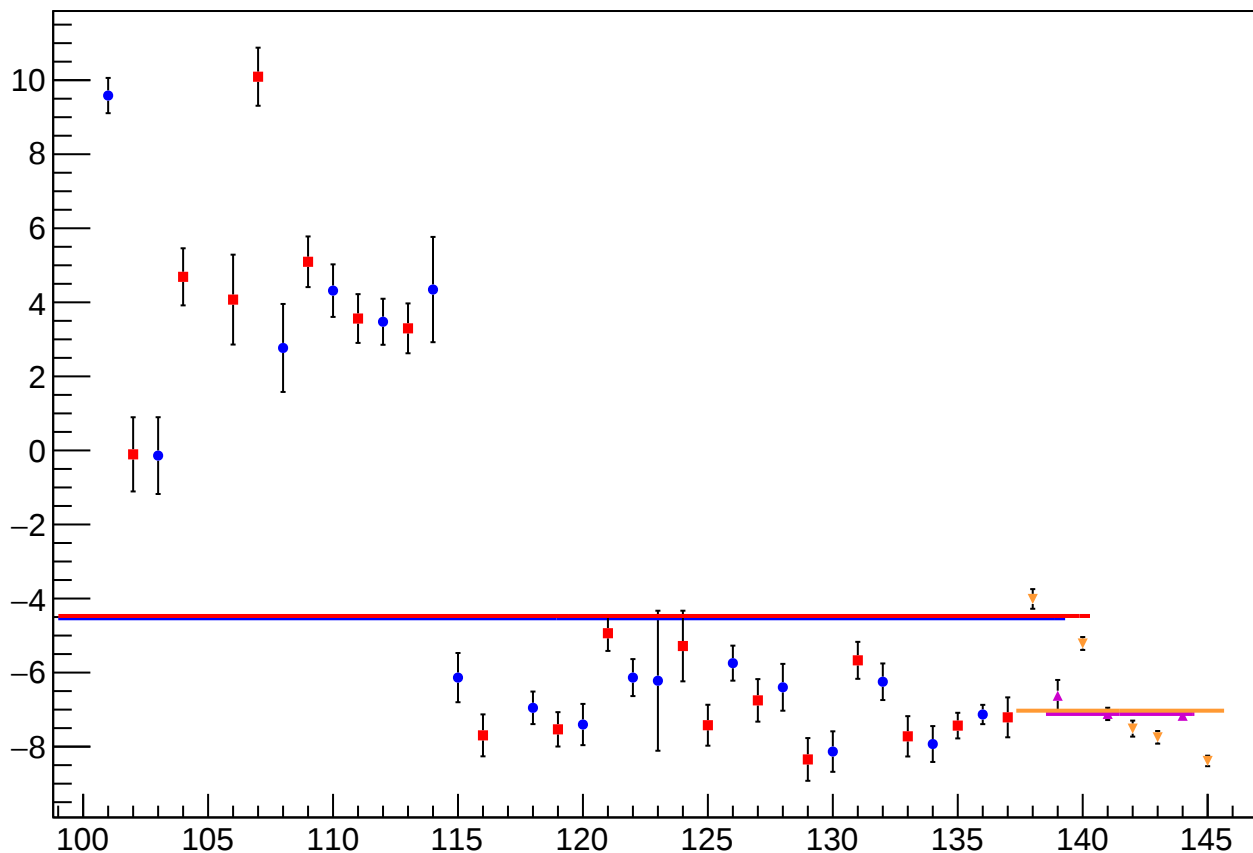
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.539 $\pm$ 0.103 χ^2 /NDF:1033.0/19

Out: 15.731 $\pm$ 0.087 χ^2 /NDF:949.7/22

All: 16.067 $\pm$ 0.066 χ^2 /NDF: 2018.9/42

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: -7.117 ± 0.101 χ^2/NDF : 1.5/2

Left: -7.063 ± 0.063 χ^2/NDF : 353.4/7

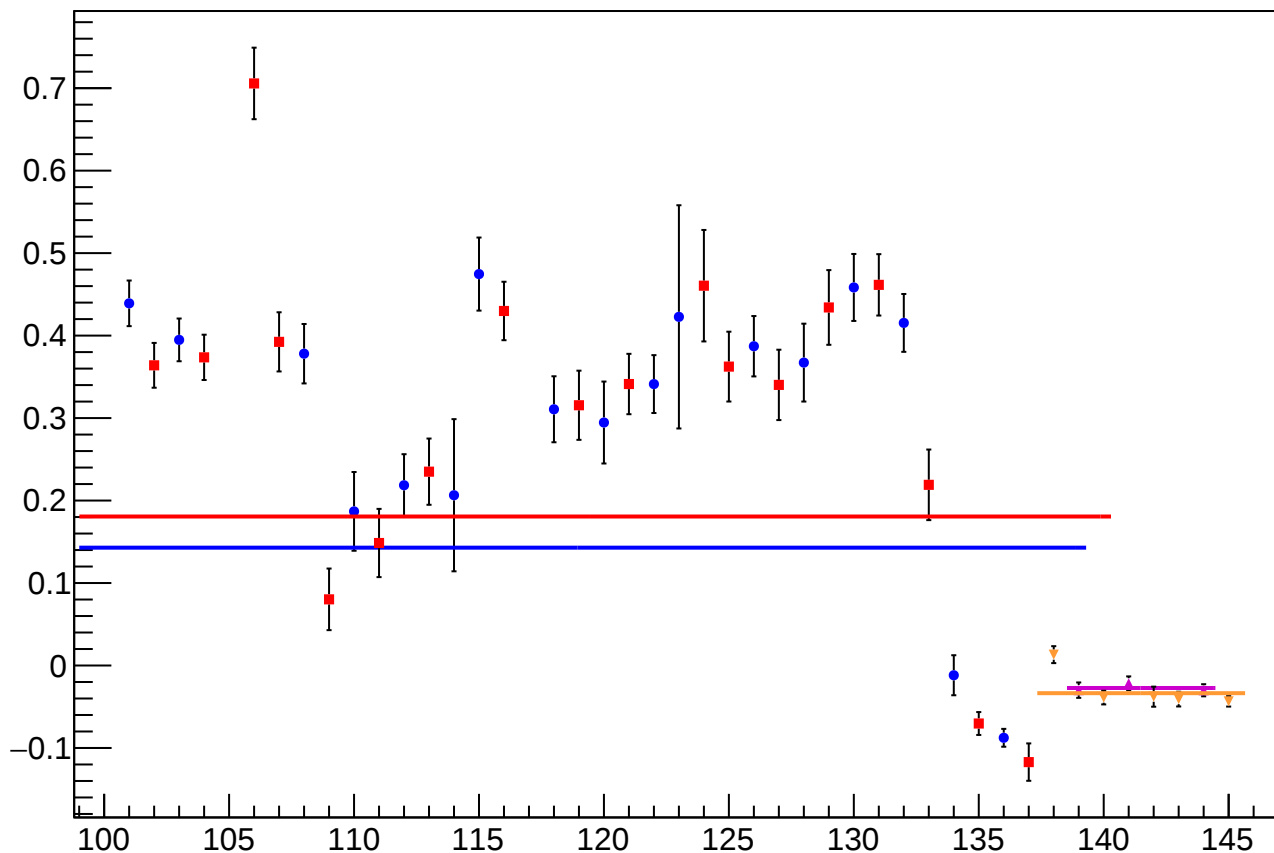
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.138 ± 0.080 χ^2/NDF : 1836.6/19

Out: -6.366 ± 0.070 χ^2/NDF : 1949.3/22

All: -6.267 ± 0.053 χ^2/NDF : 3790.4/42

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: -0.027 ± 0.005 $\chi^2/\text{NDF}: 0.7/2$

Left: -0.031 ± 0.003 $\chi^2/\text{NDF}: 26.1/7$

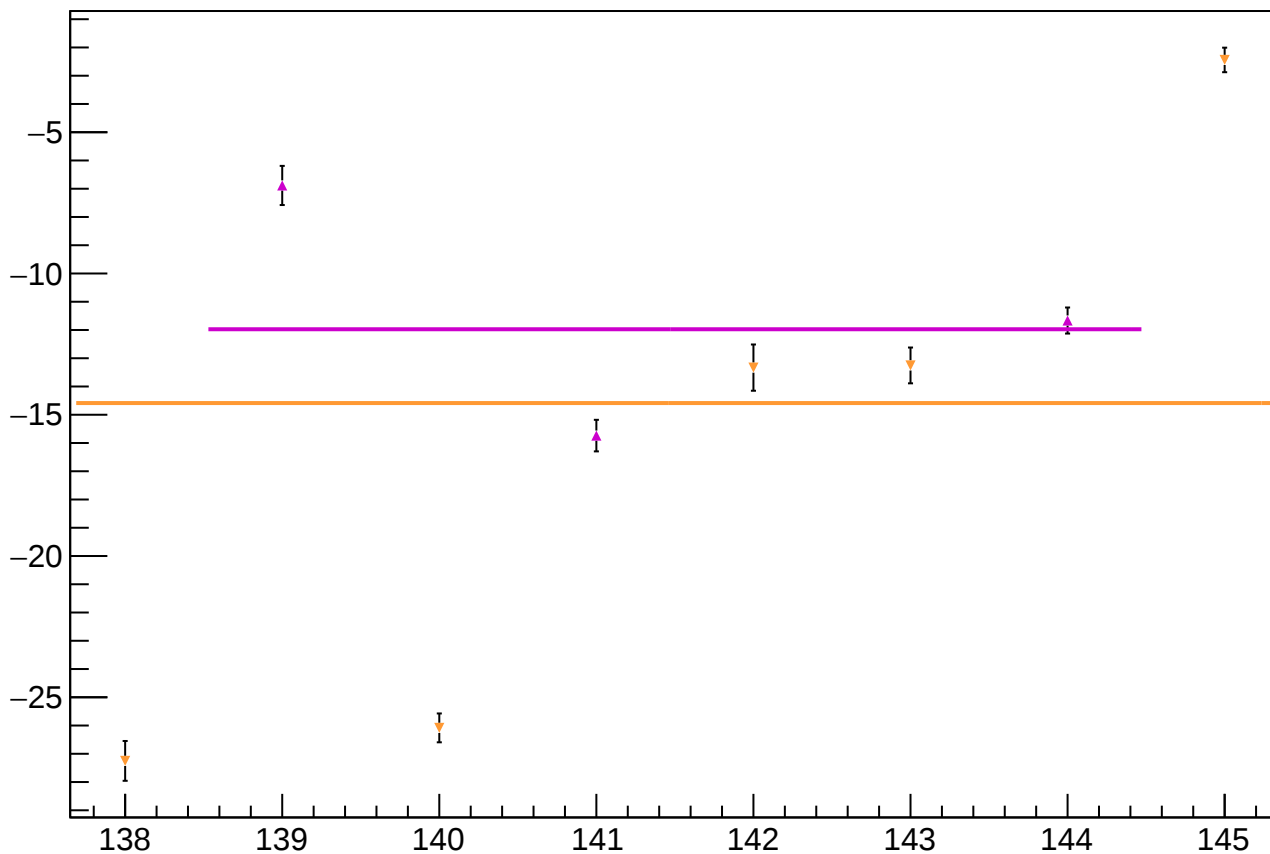
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.026 ± 0.004 $\chi^2/\text{NDF}: 1459.8/19$

Out: 0.012 ± 0.003 $\chi^2/\text{NDF}: 1688.6/22$

All: 0.018 ± 0.003 $\chi^2/\text{NDF}: 3155.9/42$

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: -11.974+/-0.316 χ^2/NDF :99.8/2

Left: -13.547+/-0.199 χ^2/NDF : 1760.4/7

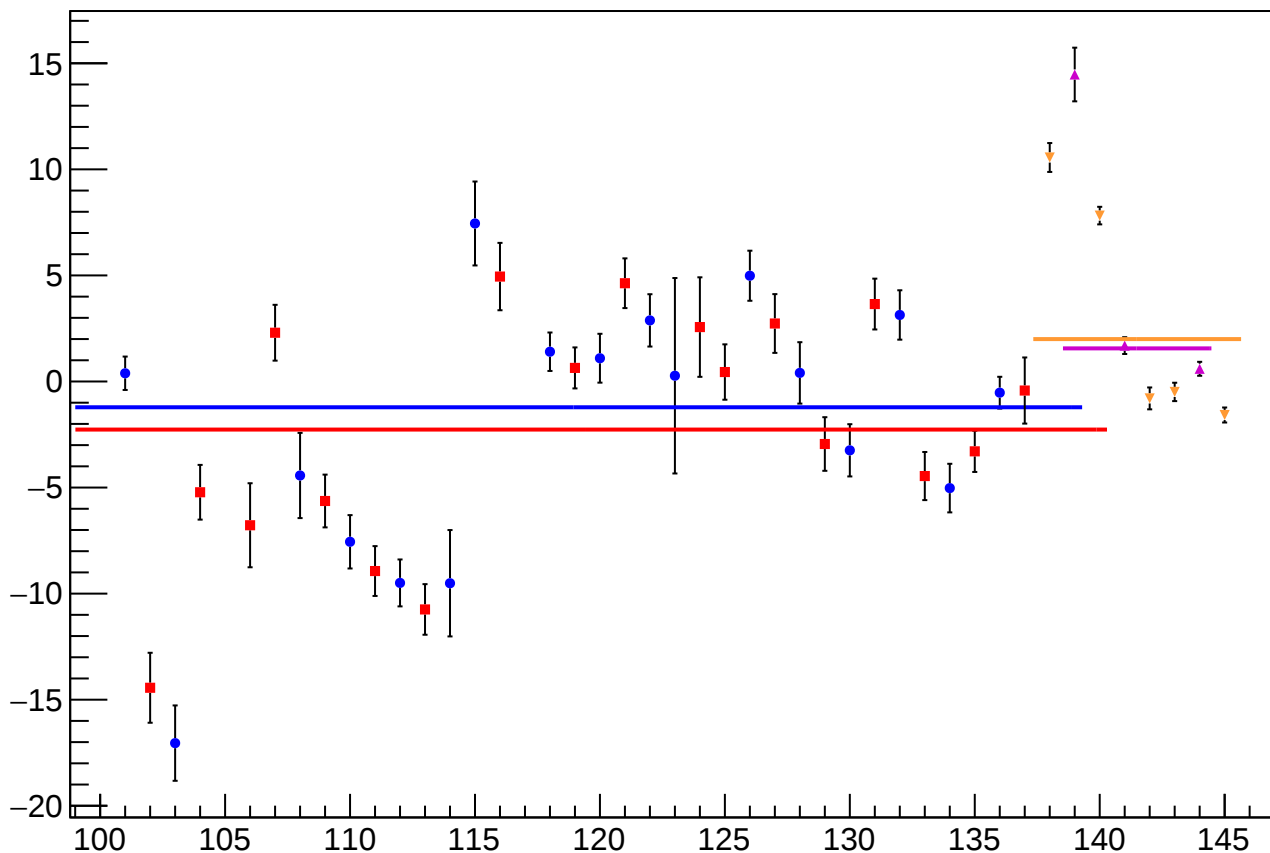
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.974+/-0.316 χ^2/NDF :99.8/2

Out: -14.586+/-0.257 χ^2/NDF :1619.4/4

All: -13.547+/-0.199 χ^2/NDF : 1760.4/7

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: 1.560 ± 0.248 χ^2/NDF : 112.9/2

Left: 1.826 ± 0.156 χ^2/NDF : 635.2/7

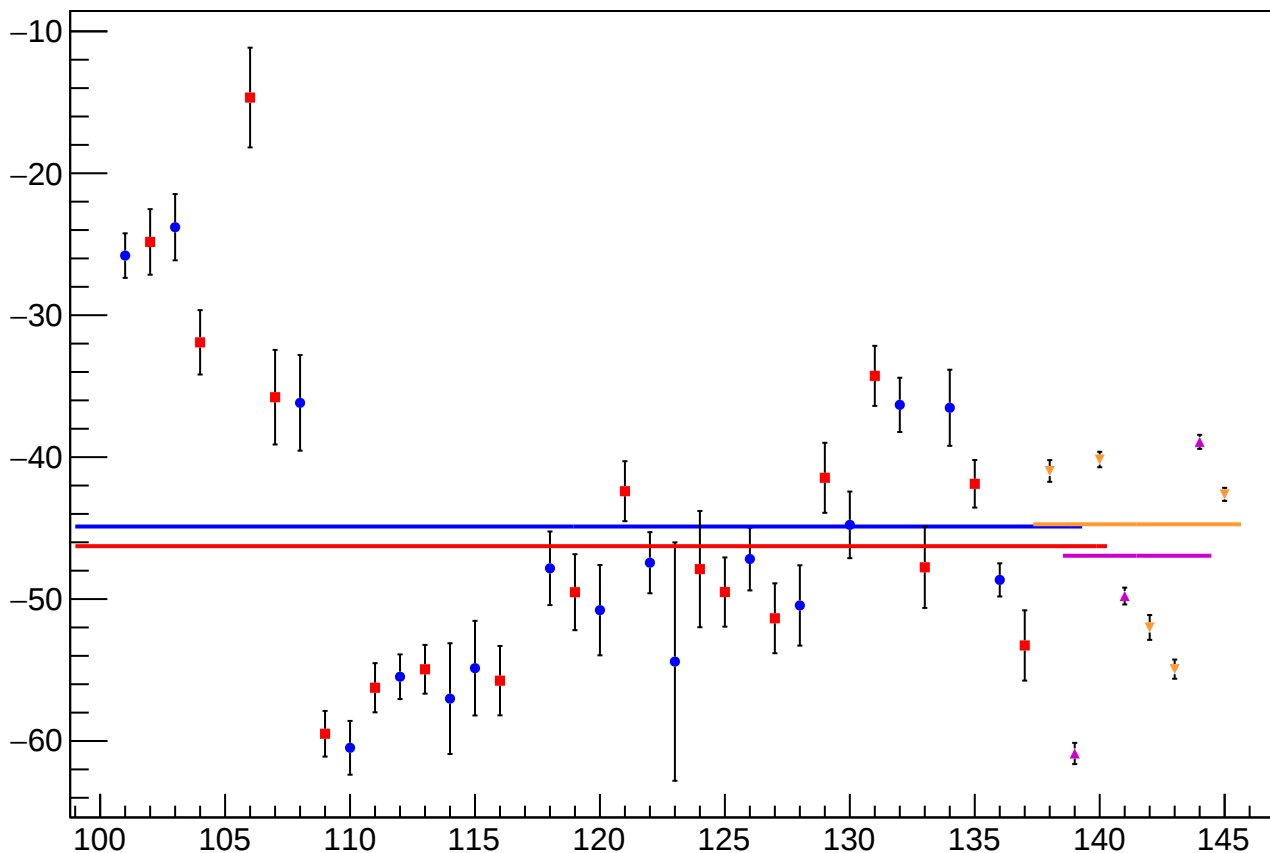
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.390 ± 0.189 χ^2/NDF : 444.4/19

Out: 0.703 ± 0.167 χ^2/NDF : 942.8/22

All: 0.566 ± 0.125 χ^2/NDF : 1388.8/42

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: -46.946 ± 0.339 χ^2/NDF : 633.3/2

Left: -45.607 ± 0.213 χ^2/NDF : 1071.7/7

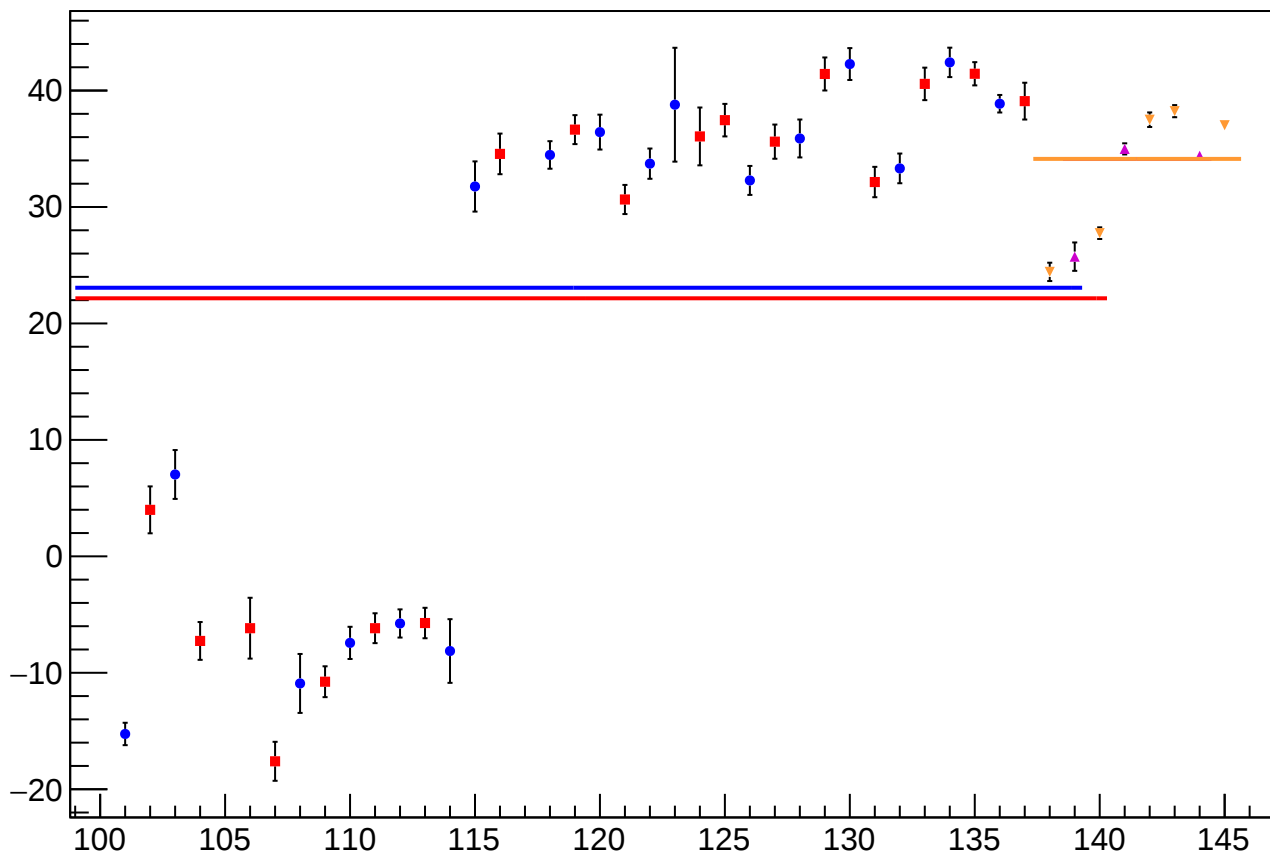
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -46.339 ± 0.284 χ^2/NDF : 1064.6/19

Out: -45.056 ± 0.243 χ^2/NDF : 839.8/22

All: -45.599 ± 0.185 χ^2/NDF : 1916.2/42

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: 34.121 $\pm$ 0.293 χ^2 /NDF:51.1/2

Left: 34.127 $\pm$ 0.184 χ^2 /NDF: 506.4/7

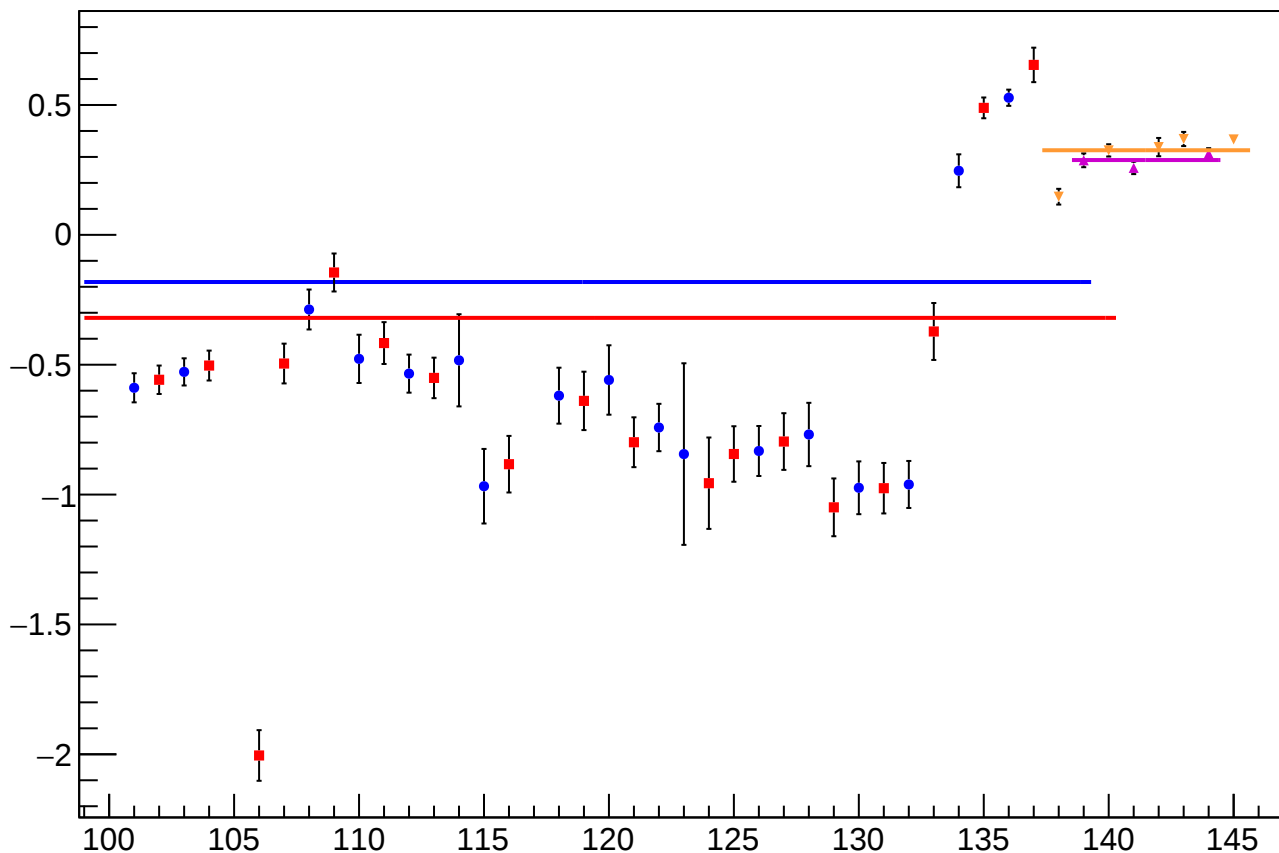
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 29.190 $\pm$ 0.218 χ^2 /NDF:5019.6/19

Out: 30.224 $\pm$ 0.194 χ^2 /NDF:5315.9/22

All: 29.767 $\pm$ 0.145 χ^2 /NDF: 10348.1/42

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: 0.288 ± 0.014 χ^2/NDF : 2.9/2

Left: 0.311 ± 0.009 χ^2/NDF : 50.3/7

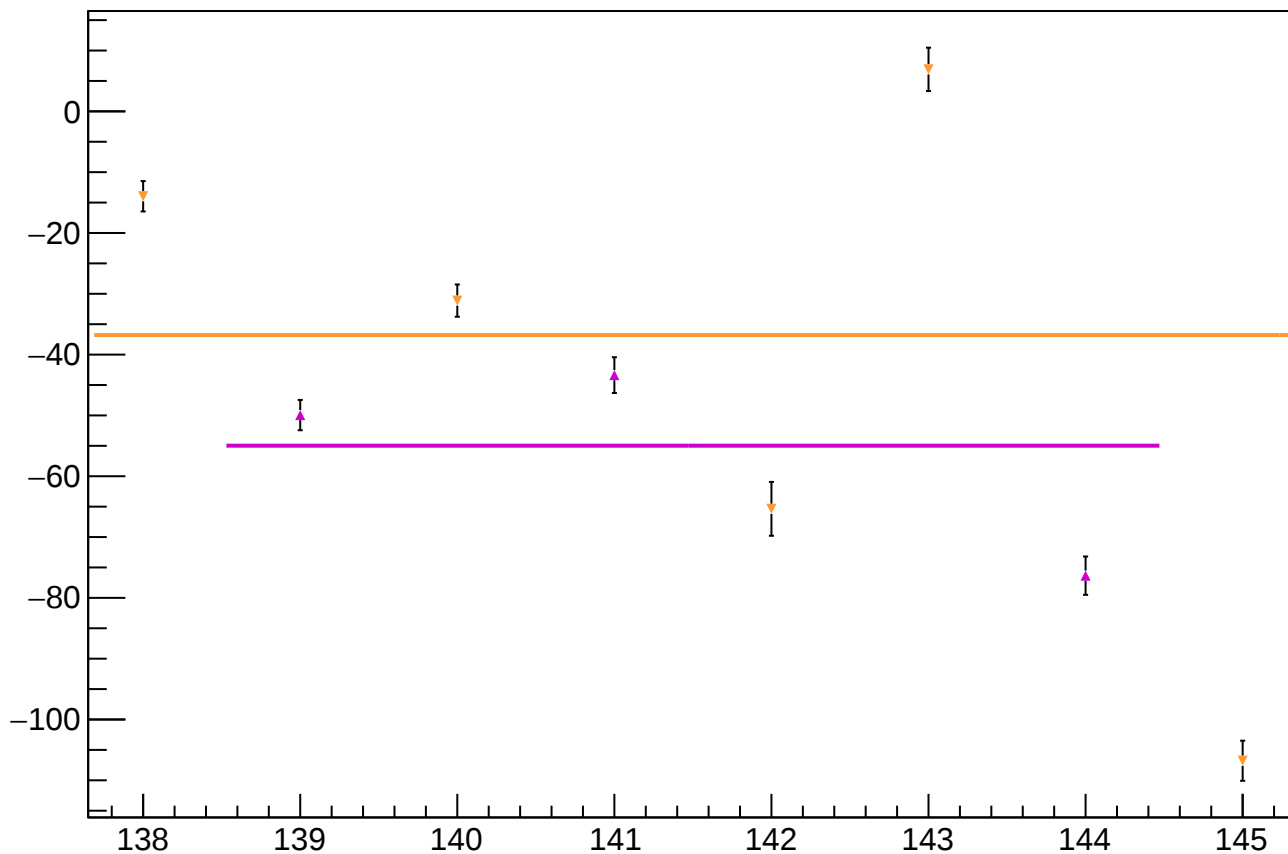
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.113 ± 0.011 χ^2/NDF : 1439.2/19

Out: 0.151 ± 0.009 χ^2/NDF : 2135.1/22

All: 0.134 ± 0.007 χ^2/NDF : 3581.1/42

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: -54.973+/-1.628 χ^2/NDF : 65.6/2

Left: -44.395+/-1.053 χ^2/NDF : 869.0/7

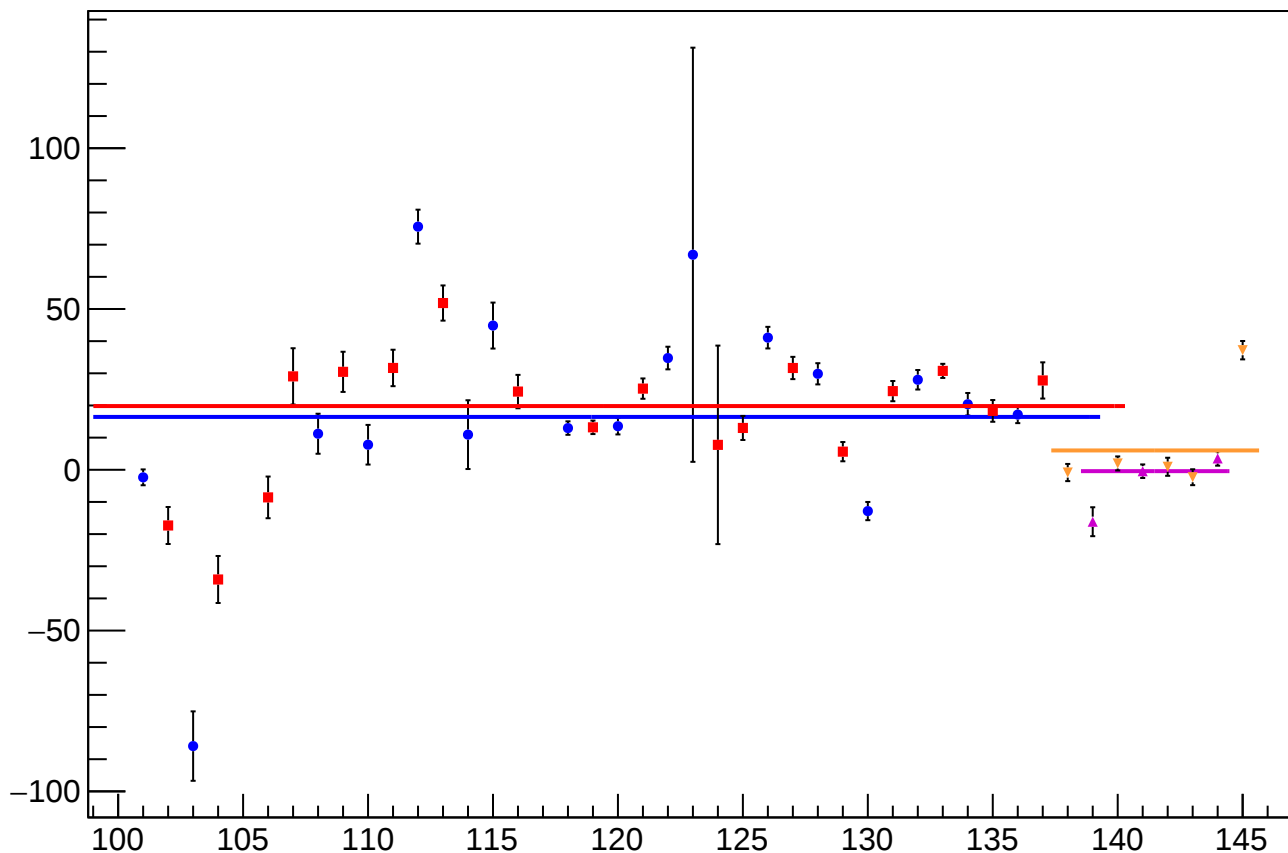
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.973+/-1.628 χ^2/NDF : 65.6/2

Out: -36.783+/-1.381 χ^2/NDF : 730.8/4

All: -44.395+/-1.053 χ^2/NDF : 869.0/7

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: -0.424+/-1.455 χ^2/NDF :15.3/2

Left: 3.550+/-0.900 χ^2/NDF : 171.0/7

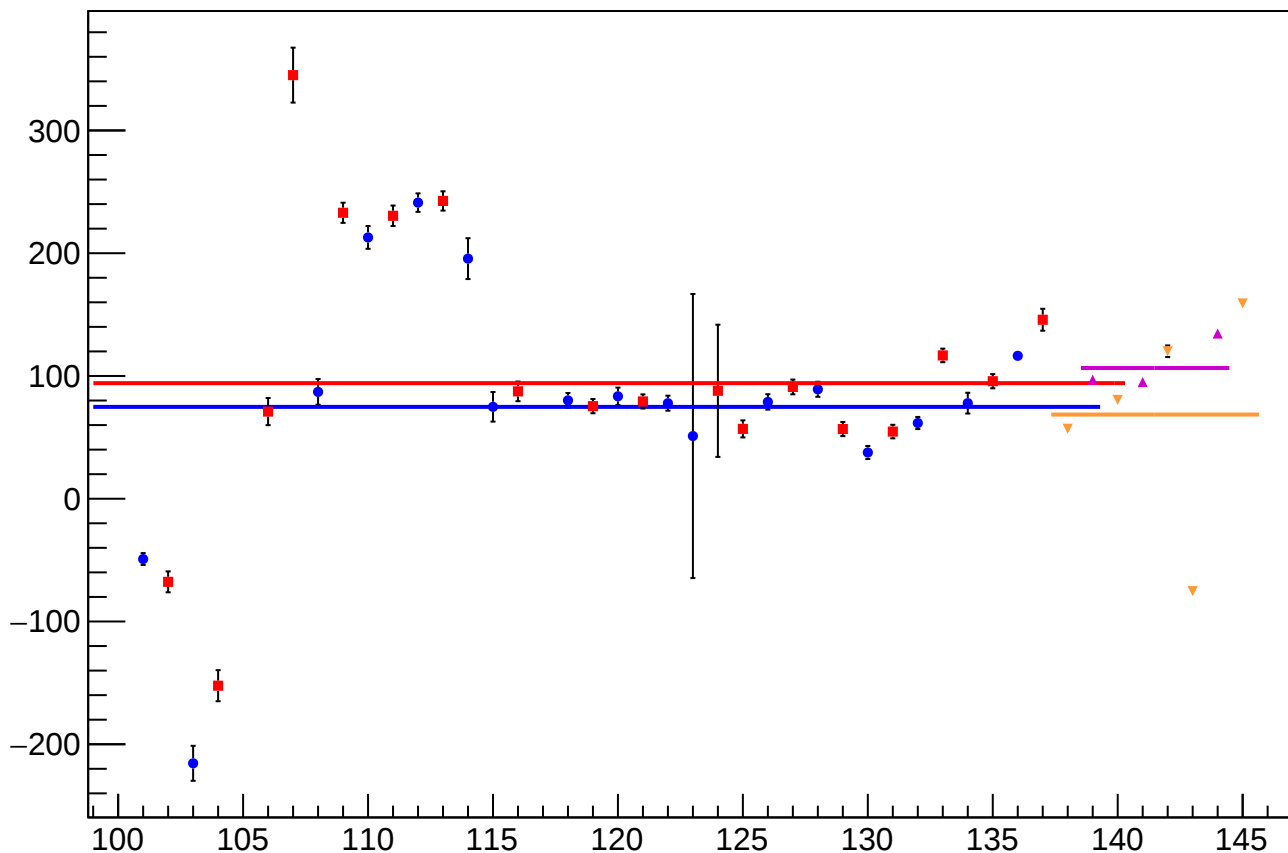
Right: 18.028+/-0.617 χ^2/NDF : 762.9/34

In: 12.160+/-0.733 χ^2/NDF :632.5/19

Out: 14.552+/-0.707 χ^2/NDF :471.9/22

All: 13.398+/-0.509 χ^2/NDF : 1109.9/42

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: 106.483 $\pm$ 1.747 χ^2 /NDF: 95.3/2

Left: 84.324 $\pm$ 1.126 χ^2 /NDF: 2655.1/7

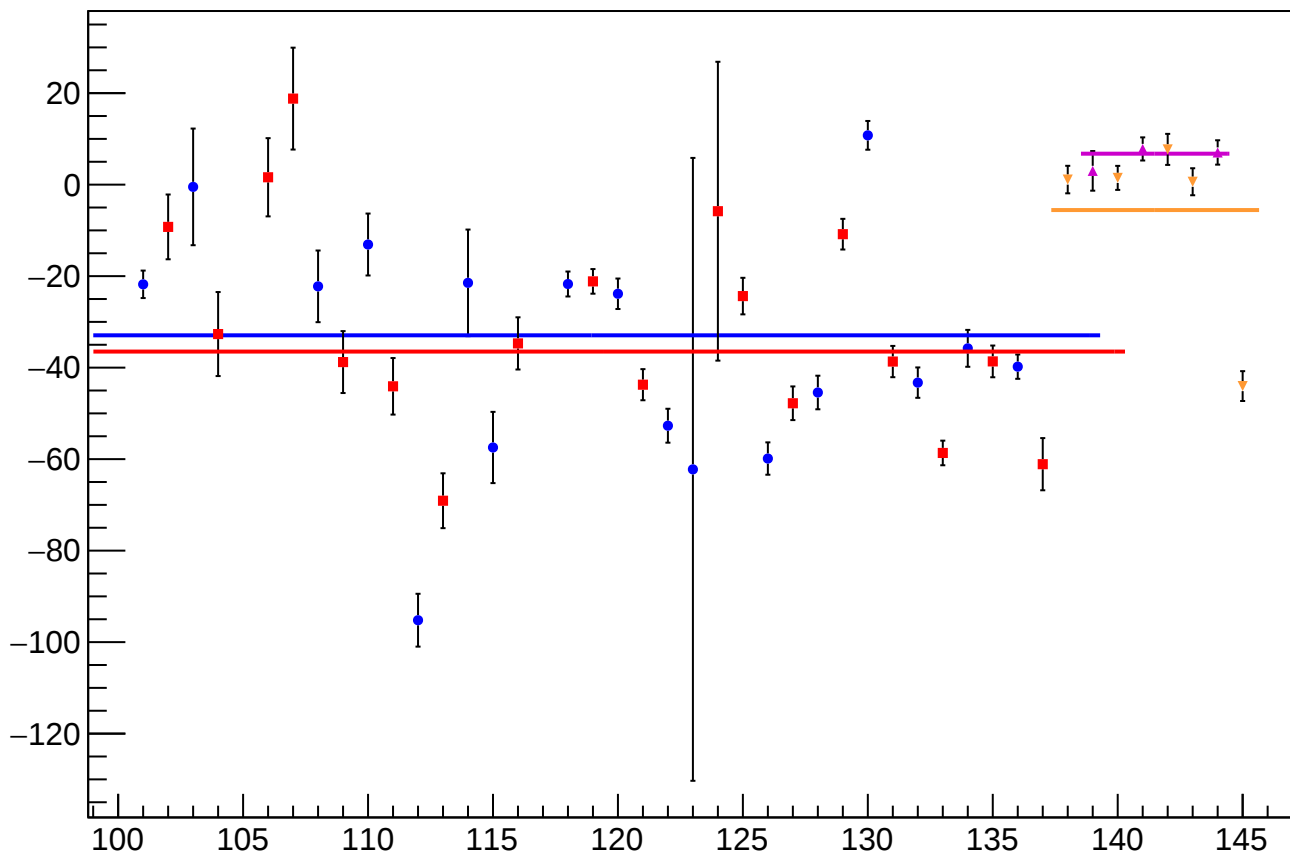
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 89.639 $\pm$ 1.195 χ^2 /NDF: 2266.8/19

Out: 79.394 $\pm$ 1.119 χ^2 /NDF: 4381.4/22

All: 84.180 $\pm$ 0.817 χ^2 /NDF: 6687.4/42

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: 6.766 ± 1.689 χ^2/NDF : 0.9/2

Left: -0.766 ± 1.053 χ^2/NDF : 204.4/7

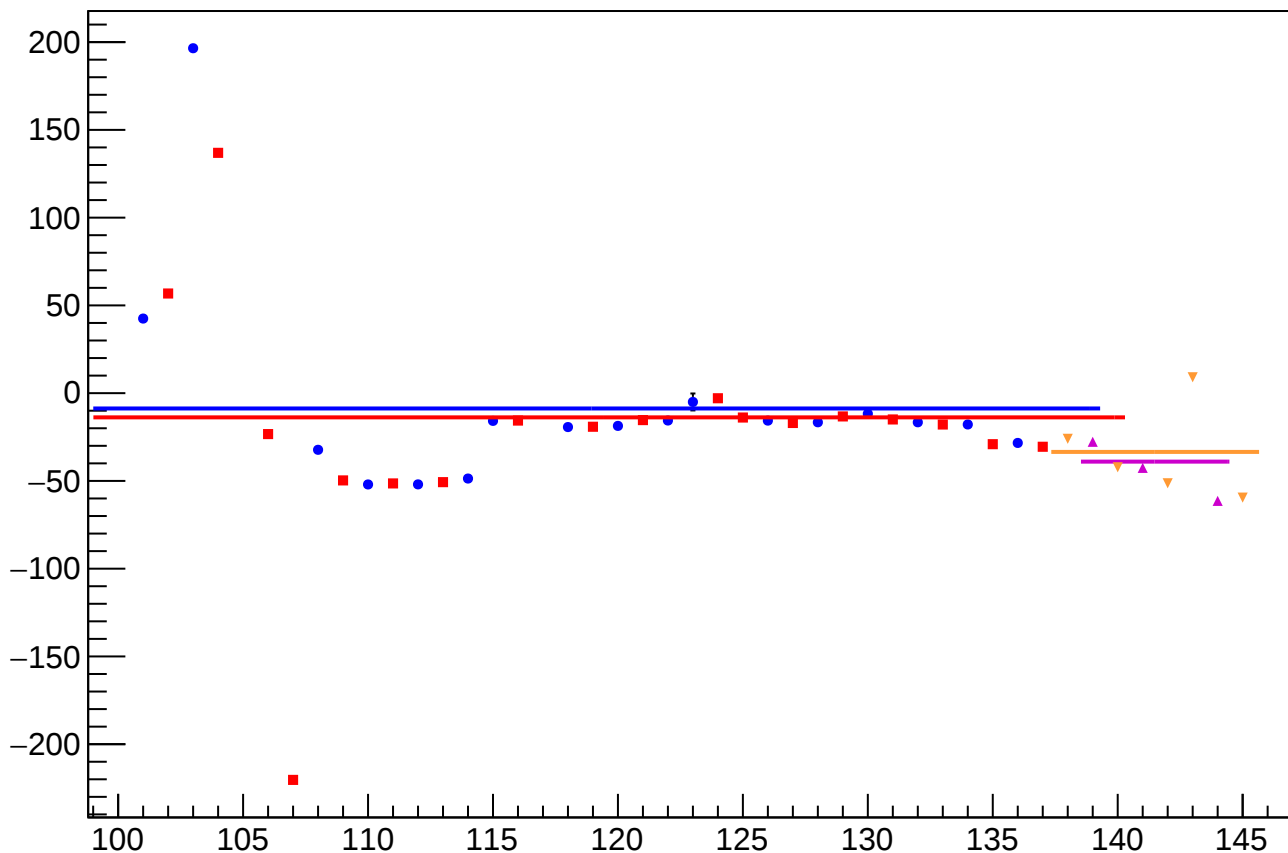
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -23.037 ± 0.843 χ^2/NDF : 906.5/19

Out: -25.118 ± 0.817 χ^2/NDF : 797.9/22

All: -24.111 ± 0.587 χ^2/NDF : 1707.5/42

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -33.474 ± 0.060 $\chi^2/\text{NDF}: 133628.5/4$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -39.009 ± 0.068 $\chi^2/\text{NDF}: 37832.3/2$

Left: -35.897 ± 0.045 $\chi^2/\text{NDF}: 175238.2/7$

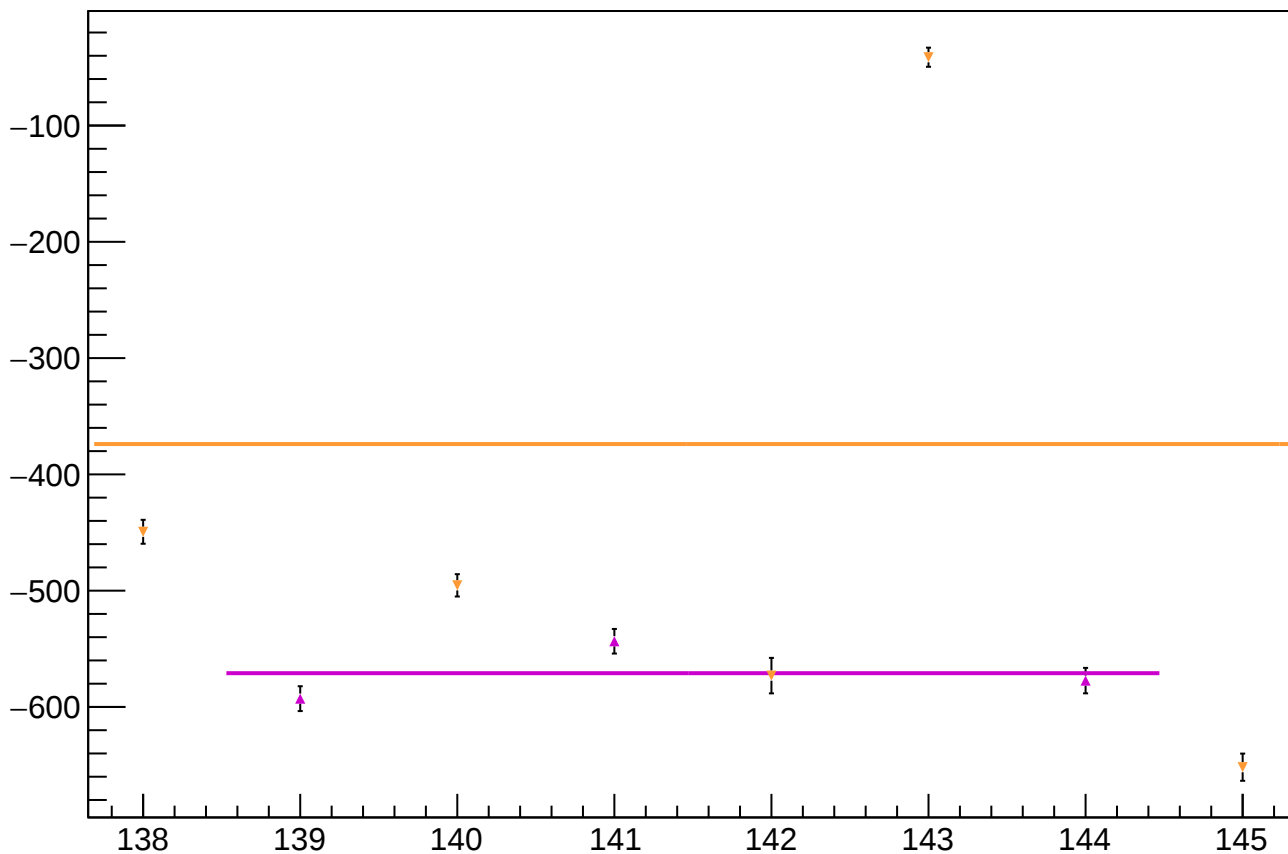
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -21.802 ± 0.044 $\chi^2/\text{NDF}: 727974.4/19$

Out: -24.041 ± 0.043 $\chi^2/\text{NDF}: 735297.6/22$

All: -22.956 ± 0.031 $\chi^2/\text{NDF}: 1464585.3/42$

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: -570.963+/-6.197 χ^2/NDF :11.3/2

Left: -444.484+/-3.708 χ^2/NDF : 3244.7/7

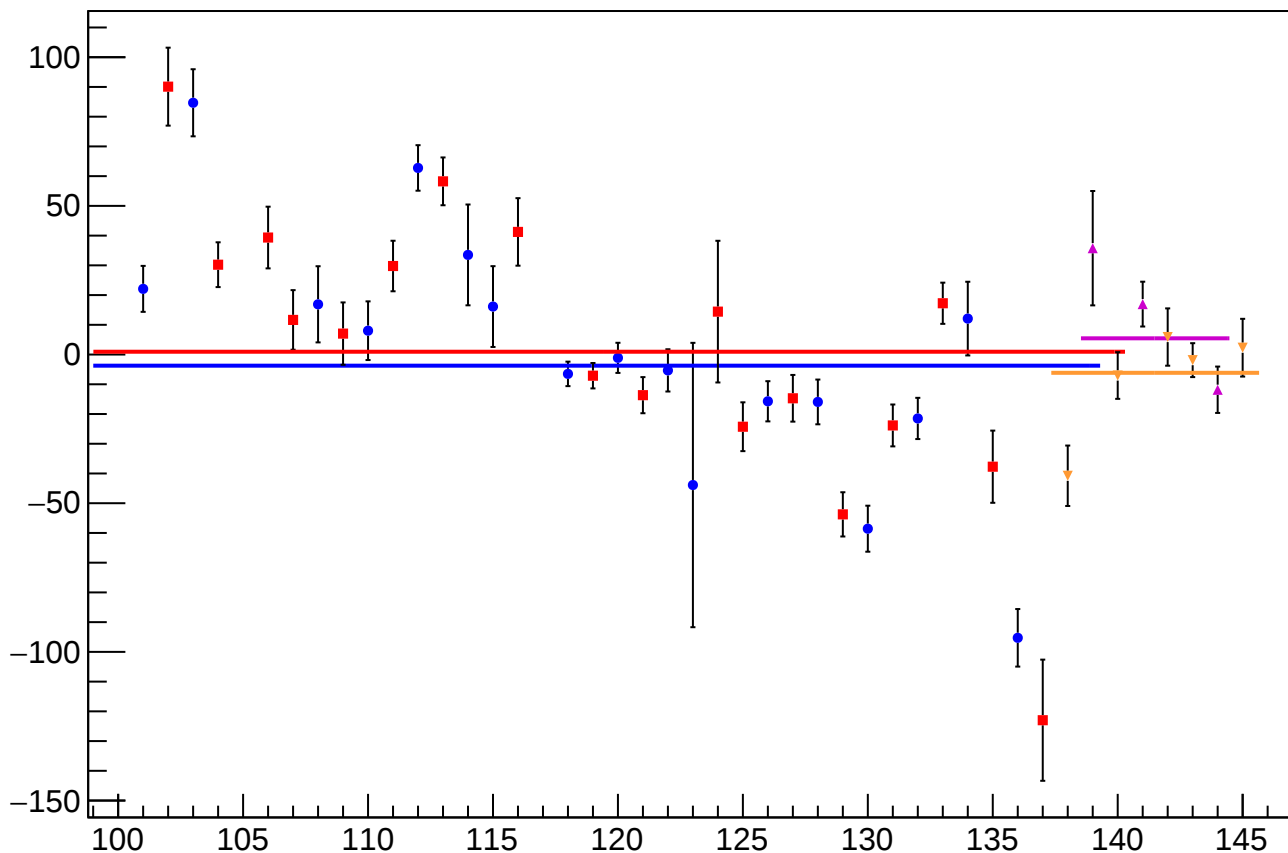
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -570.963+/-6.197 χ^2/NDF :11.3/2

Out: -373.916+/-4.629 χ^2/NDF :2584.3/4

All: -444.484+/-3.708 χ^2/NDF : 3244.7/7

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 $\chi^2/\text{NDF}: 314.1/16$

Left Out: -6.142 ± 3.580 $\chi^2/\text{NDF}: 14.5/4$

Right Out: 0.948 ± 1.918 $\chi^2/\text{NDF}: 293.7/17$

Left In: 5.456 ± 5.215 $\chi^2/\text{NDF}: 9.7/2$

Left: -2.427 ± 2.952 $\chi^2/\text{NDF}: 27.6/7$

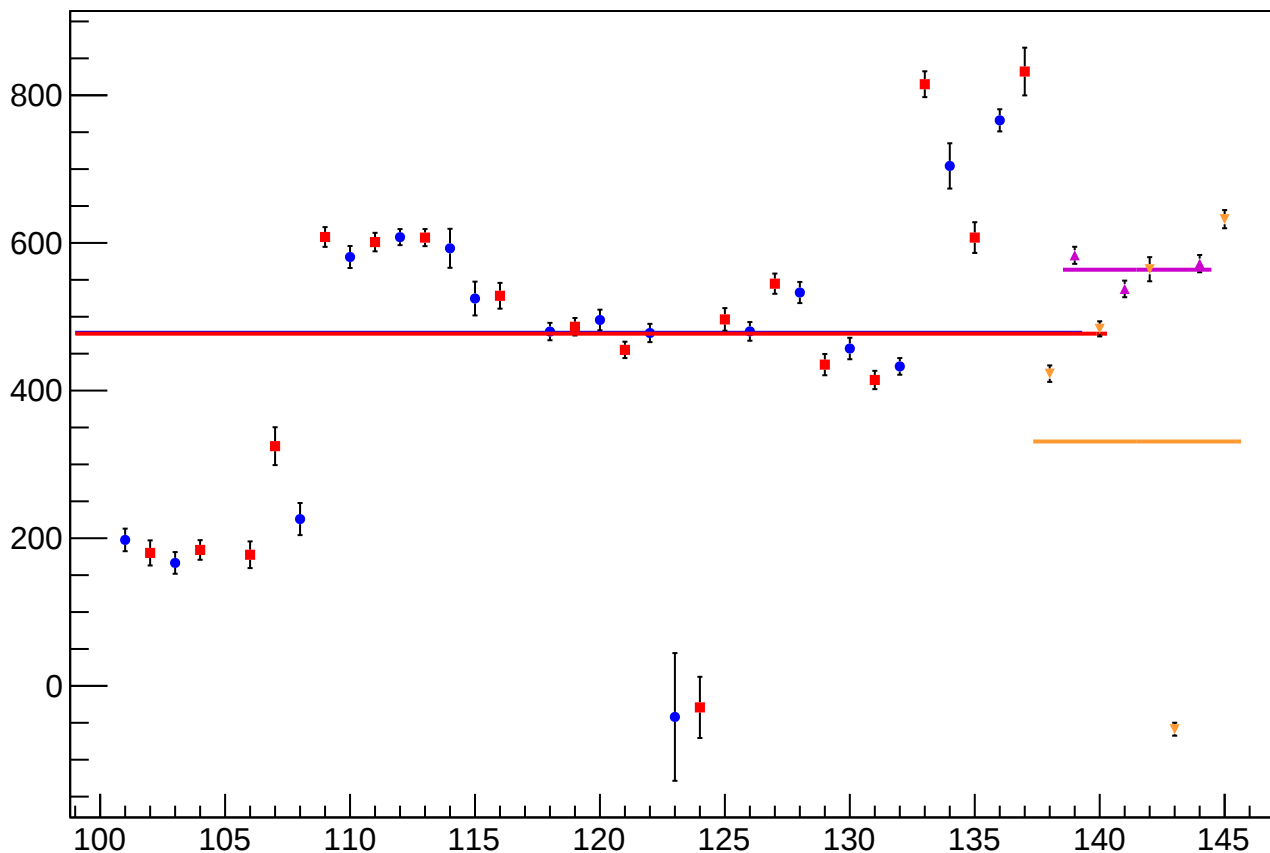
Right: -1.430 ± 1.347 $\chi^2/\text{NDF}: 610.8/34$

In: -2.673 ± 1.778 $\chi^2/\text{NDF}: 326.6/19$

Out: -0.633 ± 1.691 $\chi^2/\text{NDF}: 311.2/22$

All: -1.602 ± 1.225 $\chi^2/\text{NDF}: 638.5/42$

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: 563.719+/-6.642 χ^2/NDF :8.7/2

Left: 413.943+/-3.965 χ^2/NDF : 3865.8/7

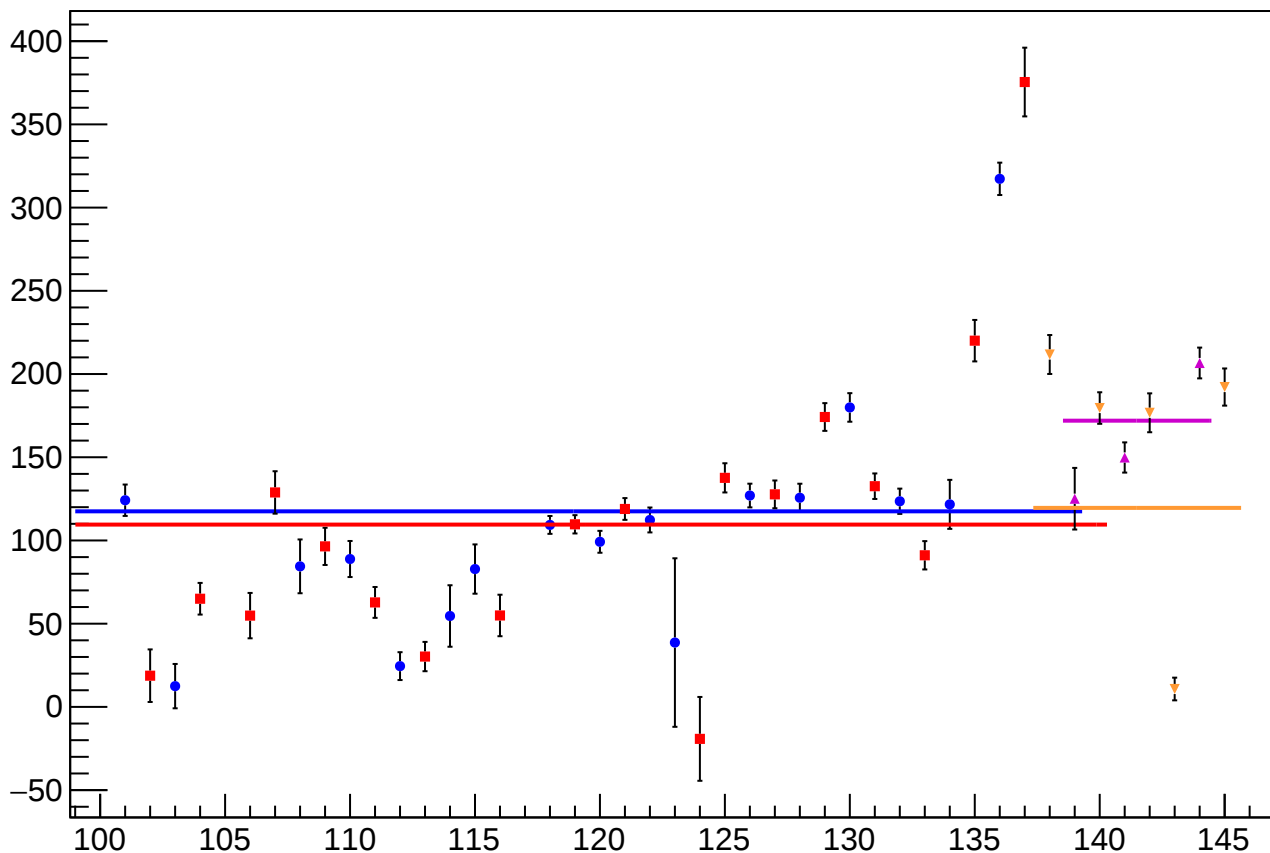
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 497.987+/-3.191 χ^2/NDF :1763.9/19

Out: 427.539+/-2.878 χ^2/NDF :5820.2/22

All: 459.147+/-2.137 χ^2/NDF : 7852.9/42

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: 171.972 $\pm$ 6.115 χ^2 /NDF: 26.4/2

Left: 136.651 $\pm$ 3.491 χ^2 /NDF: 499.2/7

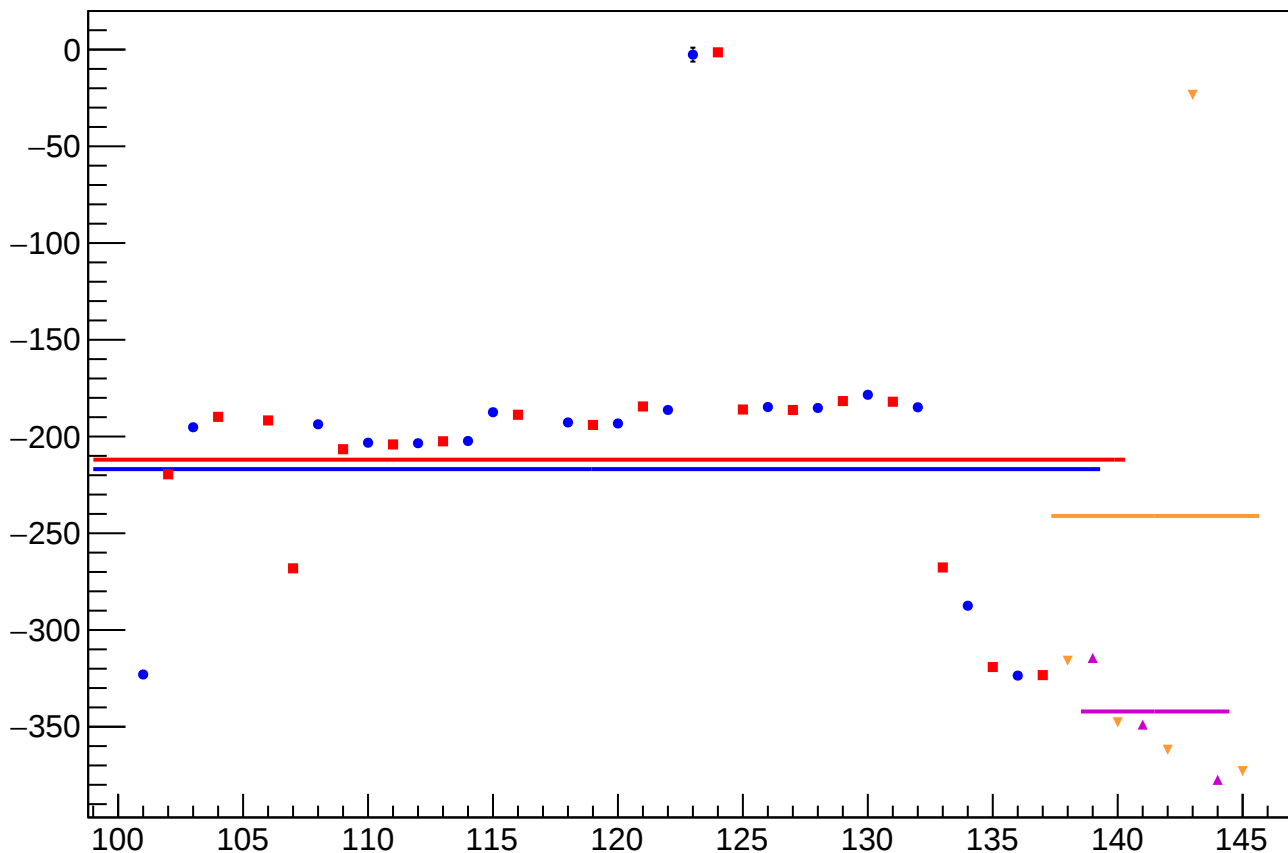
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 123.733 $\pm$ 2.068 χ^2 /NDF: 802.6/19

Out: 111.668 $\pm$ 1.960 χ^2 /NDF: 989.8/22

All: 117.376 $\pm$ 1.423 χ^2 /NDF: 1810.4/42

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -241.043 ± 0.201 $\chi^2/\text{NDF}: 574892.8/4$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -342.113 ± 0.261 $\chi^2/\text{NDF}: 9600.0/2$

Left: -278.669 ± 0.159 $\chi^2/\text{NDF}: 678466.1/7$

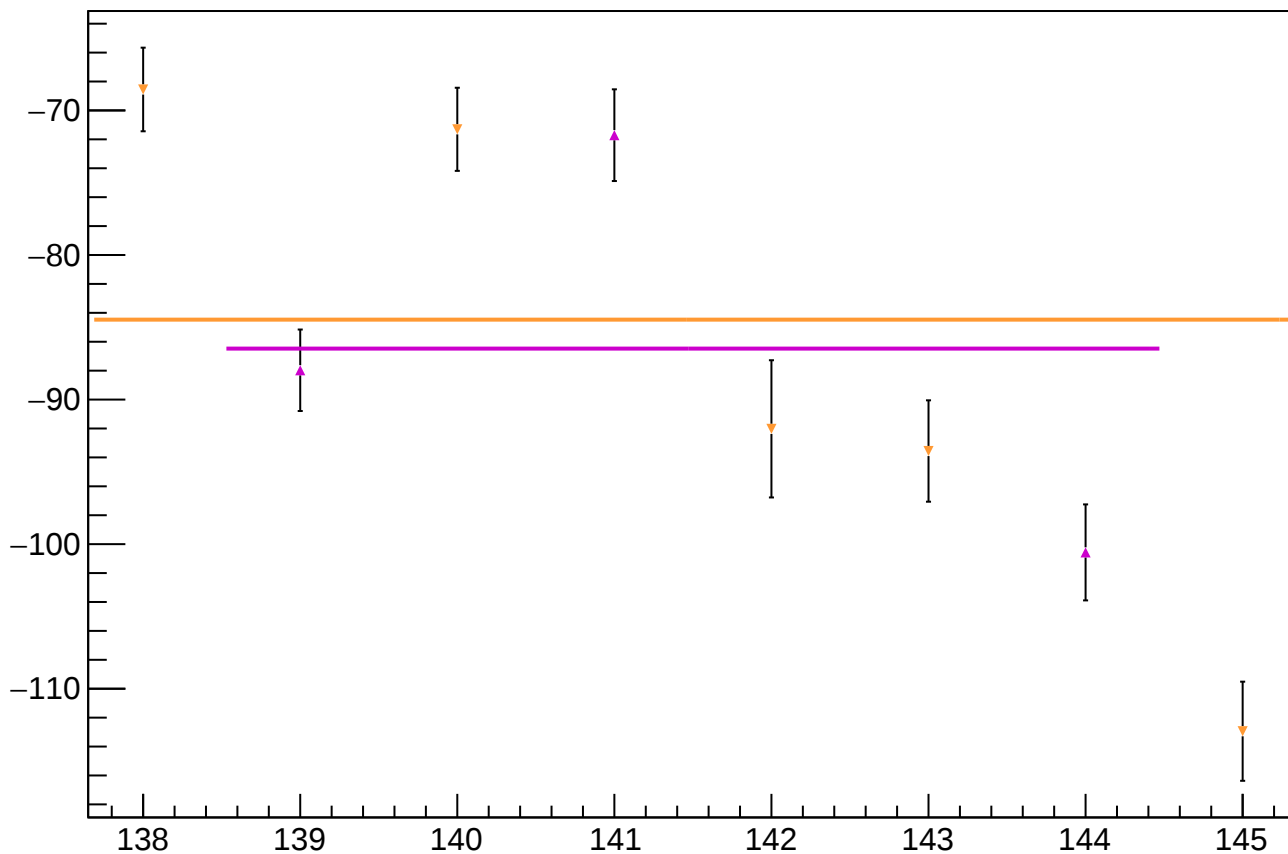
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -243.523 ± 0.121 $\chi^2/\text{NDF}: 337506.6/19$

Out: -220.589 ± 0.110 $\chi^2/\text{NDF}: 701683.7/22$

All: -230.967 ± 0.081 $\chi^2/\text{NDF}: 1059013.0/42$

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: -86.474+/-1.779 χ^2/NDF :40.0/2

Left: -85.296+/-1.141 χ^2/NDF : 170.2/7

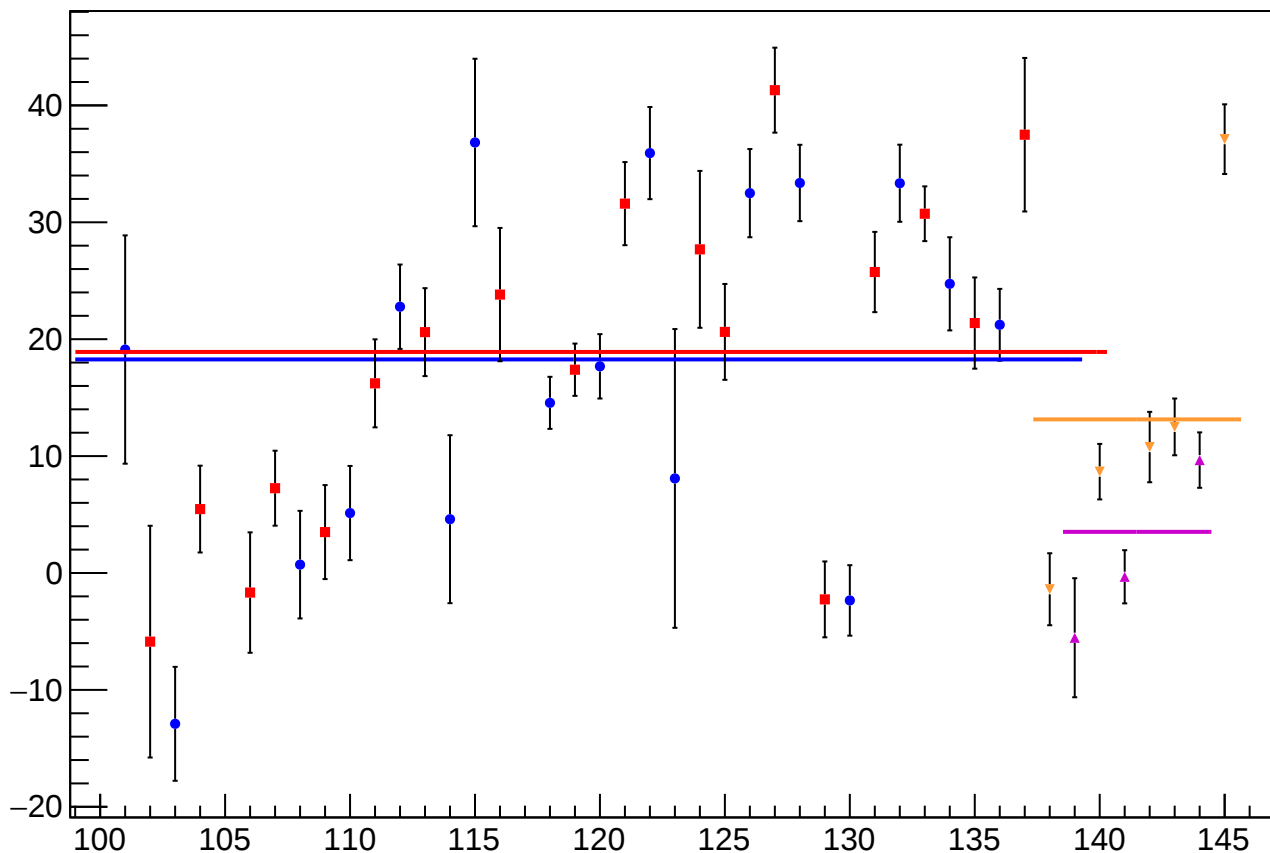
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.474+/-1.779 χ^2/NDF :40.0/2

Out: -84.471+/-1.488 χ^2/NDF :129.5/4

All: -85.296+/-1.141 χ^2/NDF : 170.2/7

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: 3.520 $\pm$ 1.562 χ^2/NDF : 12.7/2

Left: 9.507 $\pm$ 0.960 χ^2/NDF : 127.5/7

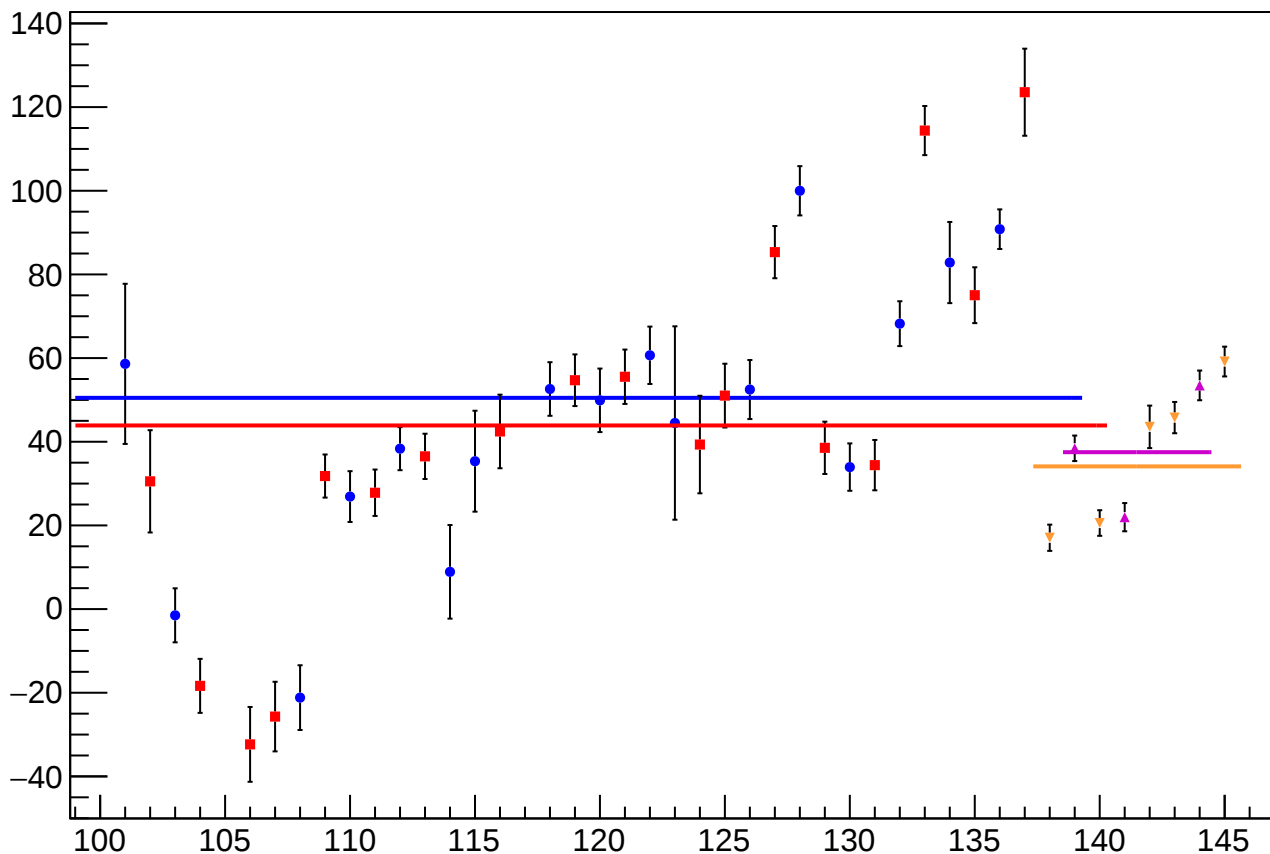
Right: 18.605 $\pm$ 0.626 χ^2/NDF : 406.7/34

In: 14.552 $\pm$ 0.784 χ^2/NDF : 287.7/19

Out: 16.975 $\pm$ 0.705 χ^2/NDF : 304.2/22

All: 15.893 $\pm$ 0.524 χ^2/NDF : 597.2/42

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: 37.506 $\pm$ 1.908 χ^2 /NDF:41.5/2

Left: 35.497 $\pm$ 1.220 χ^2 /NDF: 155.3/7

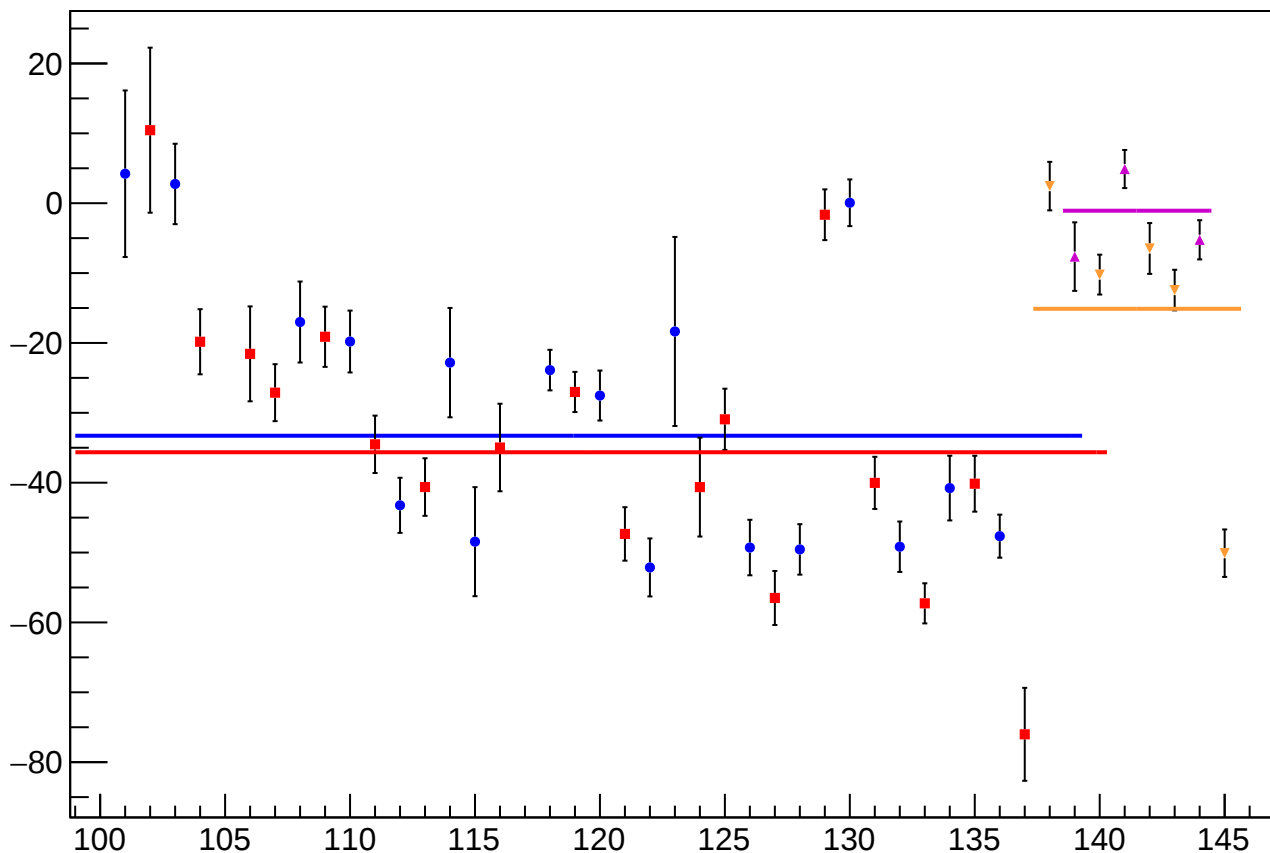
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 44.858 $\pm$ 1.257 χ^2 /NDF:430.9/19

Out: 38.948 $\pm$ 1.128 χ^2 /NDF:662.4/22

All: 41.583 $\pm$ 0.839 χ^2 /NDF: 1105.6/42

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.115 ± 1.433 χ^2/NDF : 141.1/4

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -1.075 ± 1.817 χ^2/NDF : 8.8/2

Left: -9.729 ± 1.125 χ^2/NDF : 186.7/7

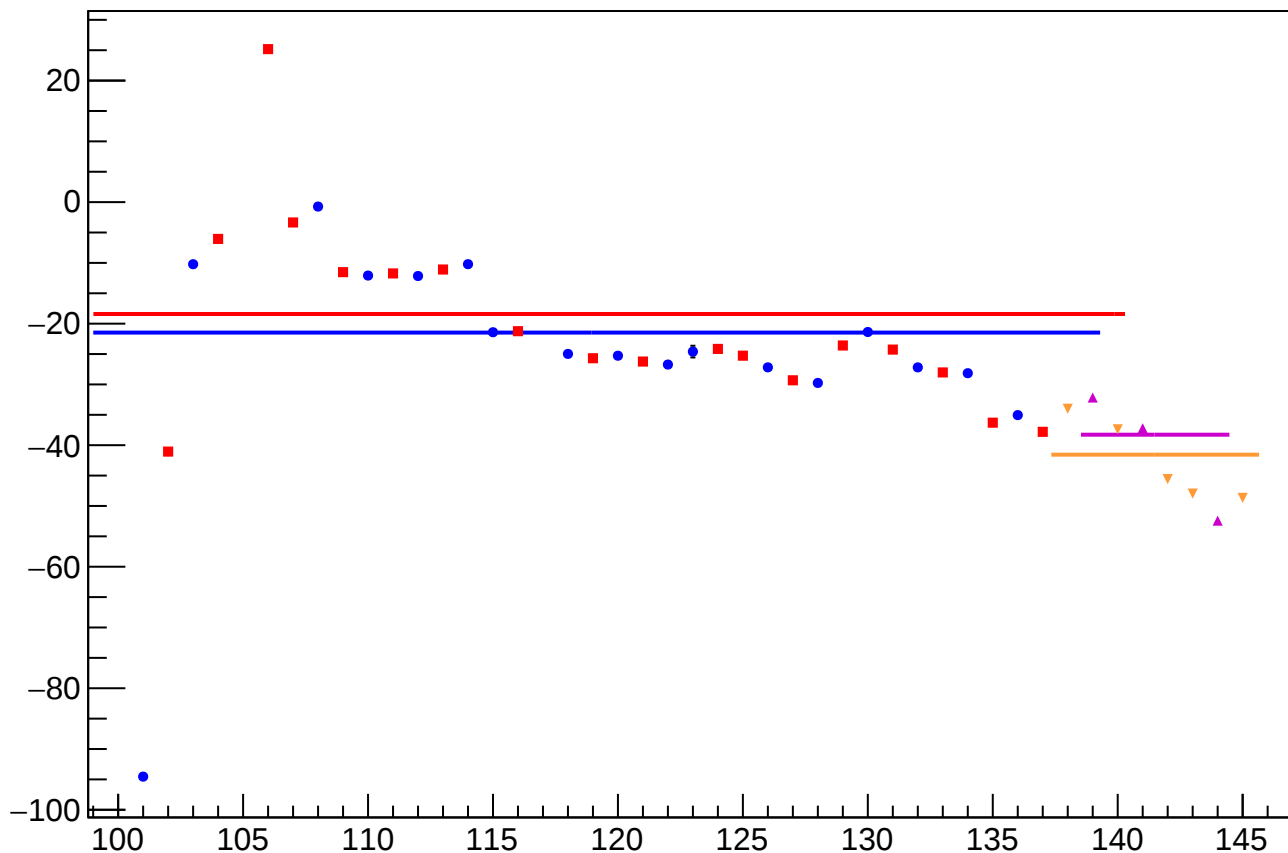
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -25.391 ± 0.899 χ^2/NDF : 539.0/19

Out: -28.989 ± 0.816 χ^2/NDF : 564.2/22

All: -27.364 ± 0.604 χ^2/NDF : 1112.0/42

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: -38.276 ± 0.074 $\chi^2/\text{NDF}: 11584.0/2$

Left: -40.150 ± 0.049 $\chi^2/\text{NDF}: 22279.7/7$

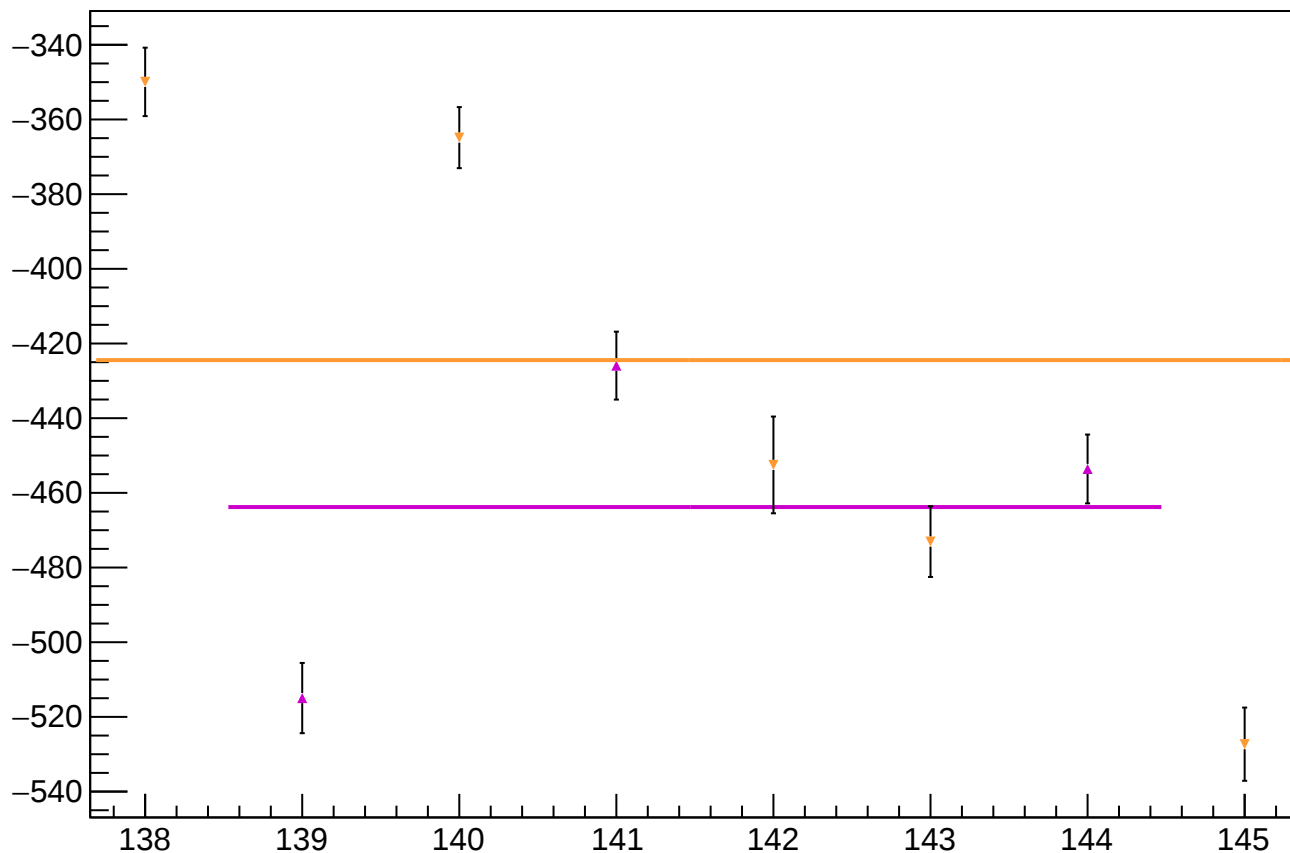
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -27.953 ± 0.046 $\chi^2/\text{NDF}: 92149.8/19$

Out: -28.683 ± 0.043 $\chi^2/\text{NDF}: 159378.4/22$

All: -28.345 ± 0.031 $\chi^2/\text{NDF}: 251663.0/42$

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: -463.802+/-5.332 χ^2/NDF :48.1/2

Left: -439.906+/-3.342 χ^2/NDF : 341.5/7

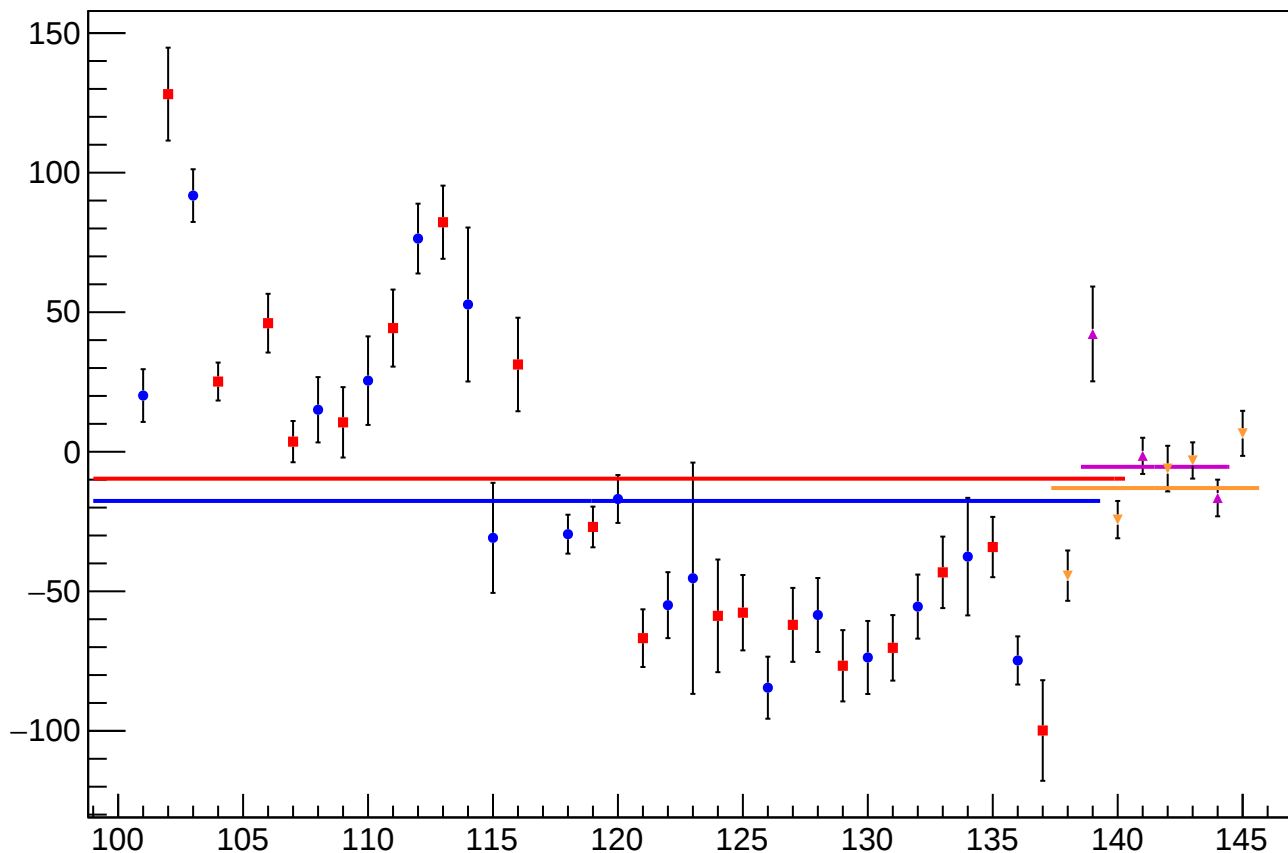
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.802+/-5.332 χ^2/NDF :48.1/2

Out: -424.449+/-4.289 χ^2/NDF :260.3/4

All: -439.906+/-3.342 χ^2/NDF : 341.5/7

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: -13.001 ± 3.358 χ^2/NDF : 23.9/4

Right Out: -9.641 ± 2.613 χ^2/NDF : 360.7/17

Left In: -5.397 ± 4.451 χ^2/NDF : 11.1/2

Left: -10.243 ± 2.681 χ^2/NDF : 36.9/7

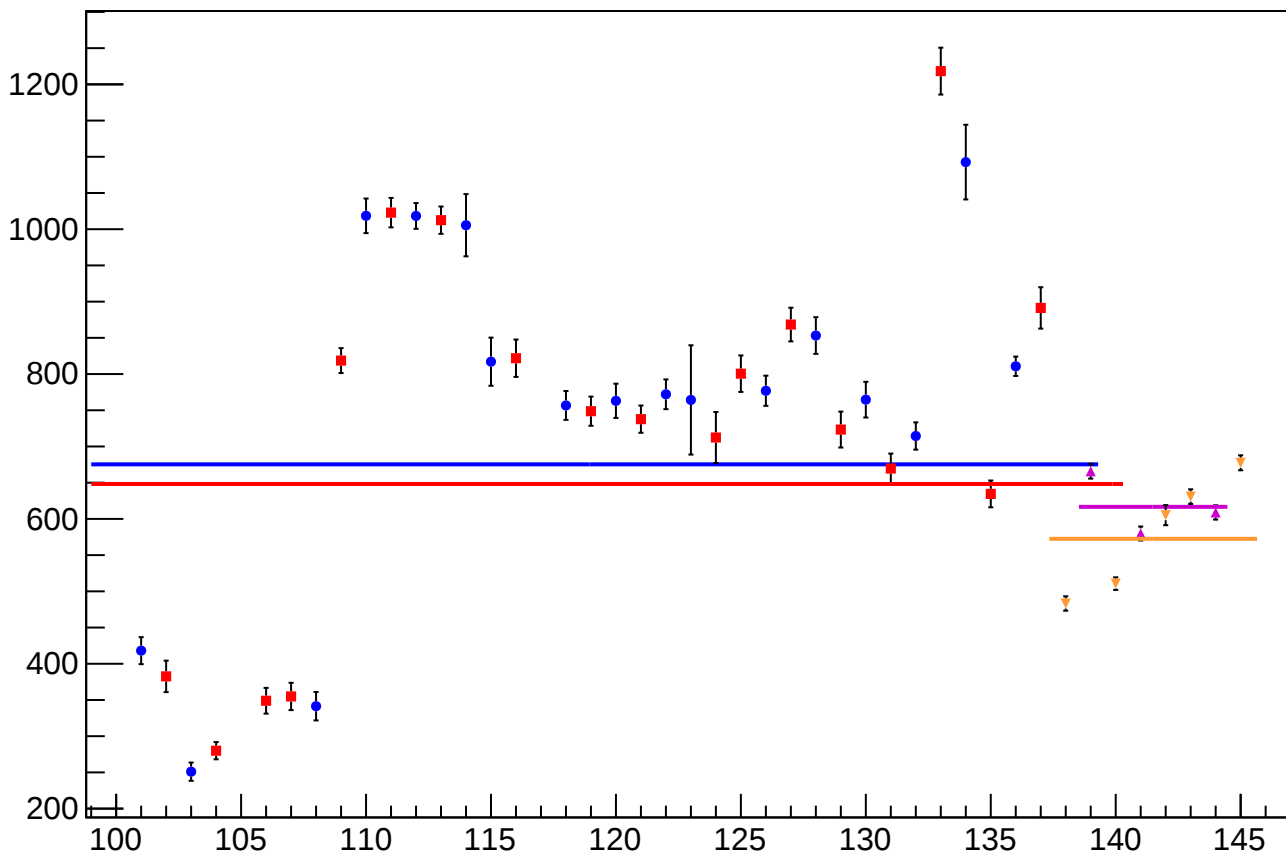
Right: -13.374 ± 1.906 χ^2/NDF : 727.1/34

In: -14.178 ± 2.362 χ^2/NDF : 378.6/19

Out: -10.908 ± 2.062 χ^2/NDF : 385.2/22

All: -12.323 ± 1.553 χ^2/NDF : 764.9/42

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: 616.674+/-5.714 χ^2/NDF : 38.4/2

Left: 589.789+/-3.574 χ^2/NDF : 347.8/7

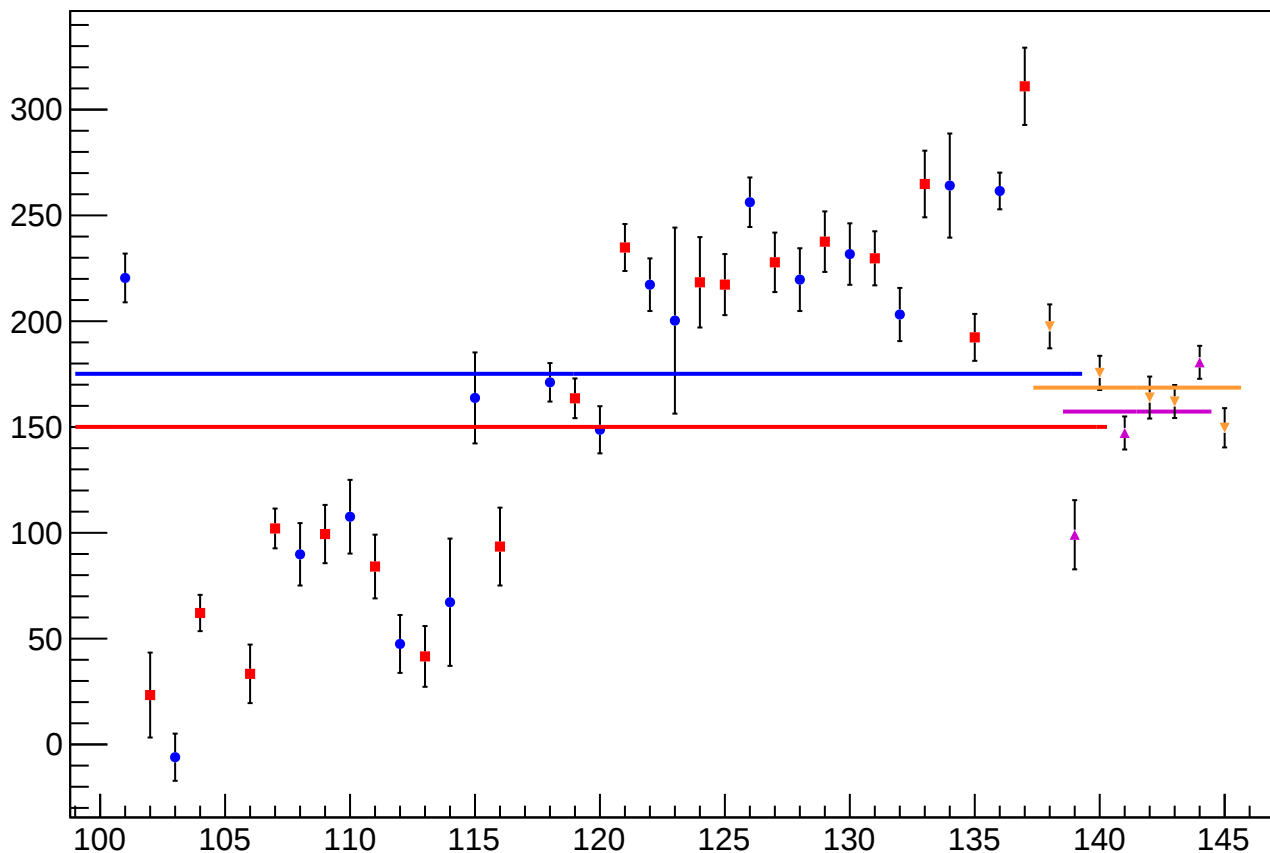
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 649.636+/-3.782 χ^2/NDF : 2680.4/19

Out: 608.795+/-3.305 χ^2/NDF : 3463.0/22

All: 626.479+/-2.489 χ^2/NDF : 6209.5/42

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 168.609 $\pm$ 3.991 χ^2 /NDF:13.6/4

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 157.294 $\pm$ 5.224 χ^2 /NDF:23.3/2

Left: 164.439 $\pm$ 3.171 χ^2 /NDF: 39.9/7

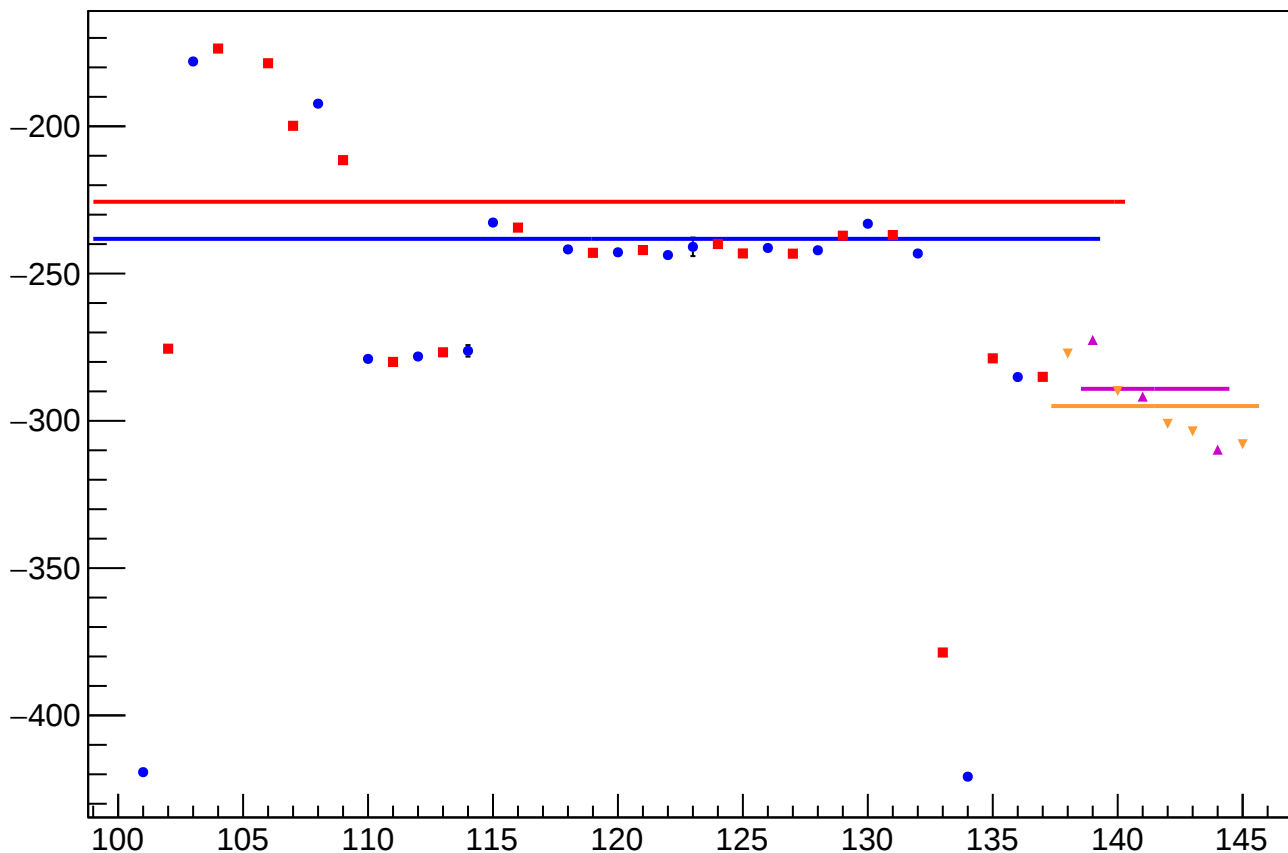
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 170.252 $\pm$ 2.734 χ^2 /NDF:667.4/19

Out: 156.882 $\pm$ 2.421 χ^2 /NDF:713.4/22

All: 162.757 $\pm$ 1.813 χ^2 /NDF: 1394.2/42

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: -289.132+/-0.226 χ^2/NDF : 4479.0/2

Left: -292.597+/-0.144 χ^2/NDF : 8661.5/7

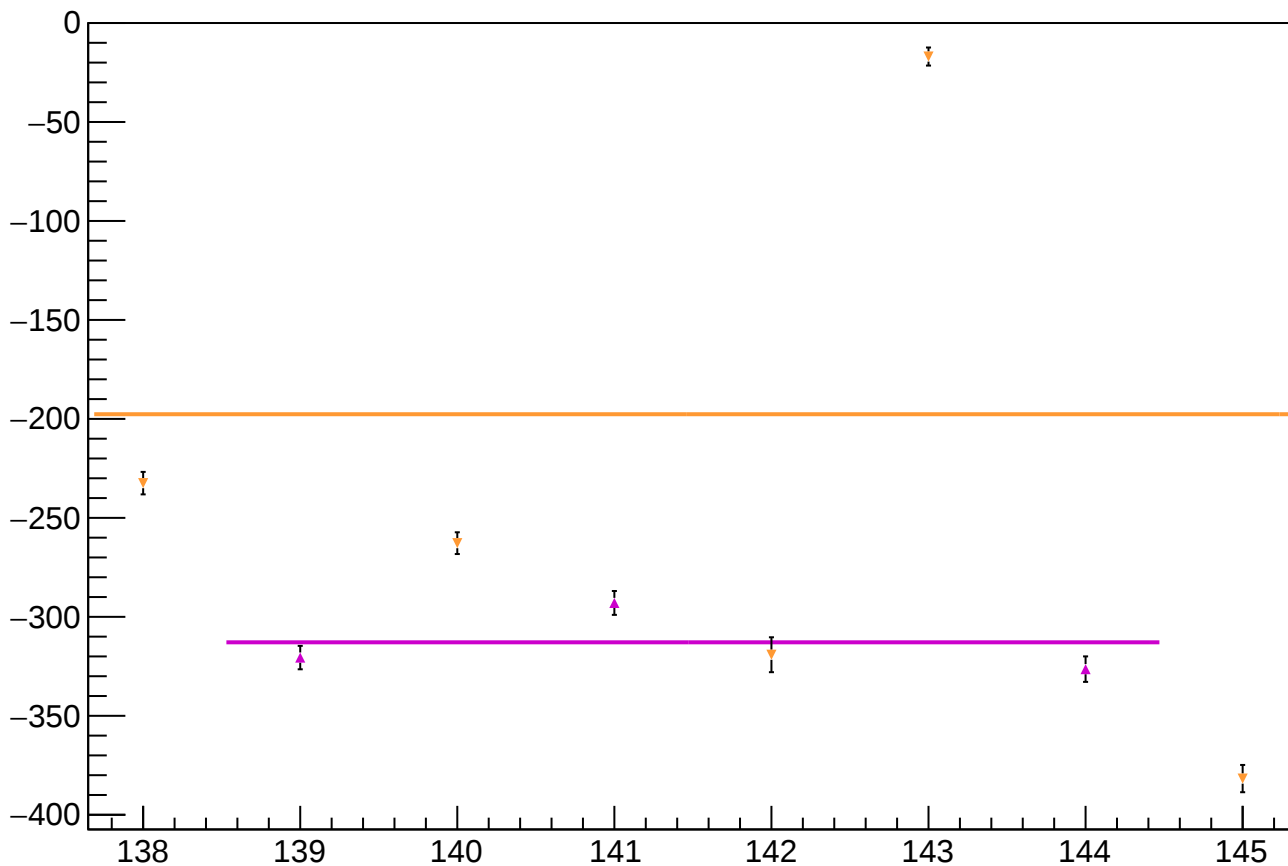
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -255.258+/-0.131 χ^2/NDF : 205444.2/19

Out: -253.090+/-0.118 χ^2/NDF : 182156.6/22

All: -254.063+/-0.087 χ^2/NDF : 387752.9/42

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: -312.869+/-3.531 χ^2/NDF :17.0/2

Left: -238.476+/-2.102 χ^2/NDF : 3354.5/7

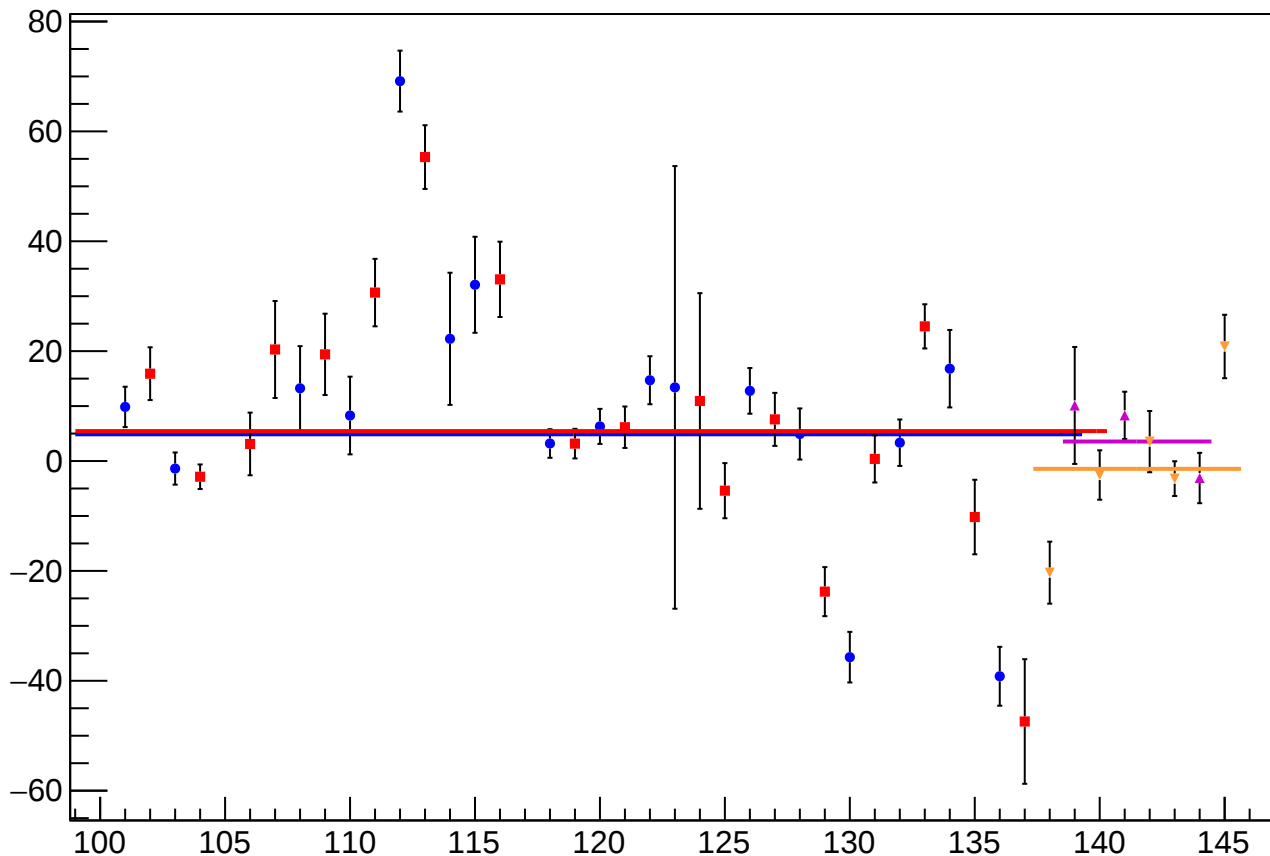
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -312.869+/-3.531 χ^2/NDF :17.0/2

Out: -197.640+/-2.616 χ^2/NDF :2650.2/4

All: -238.476+/-2.102 χ^2/NDF : 3354.5/7

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2 /NDF: 311.5/16

Left Out: -1.422 $\pm$ 2.029 χ^2 /NDF:27.3/4

Right Out: 5.450 $\pm$ 1.071 χ^2 /NDF: 231.5/17

Left In: 3.549 $\pm$ 3.006 χ^2 /NDF:3.7/2

Left: 0.133 $\pm$ 1.682 χ^2 /NDF: 32.9/7

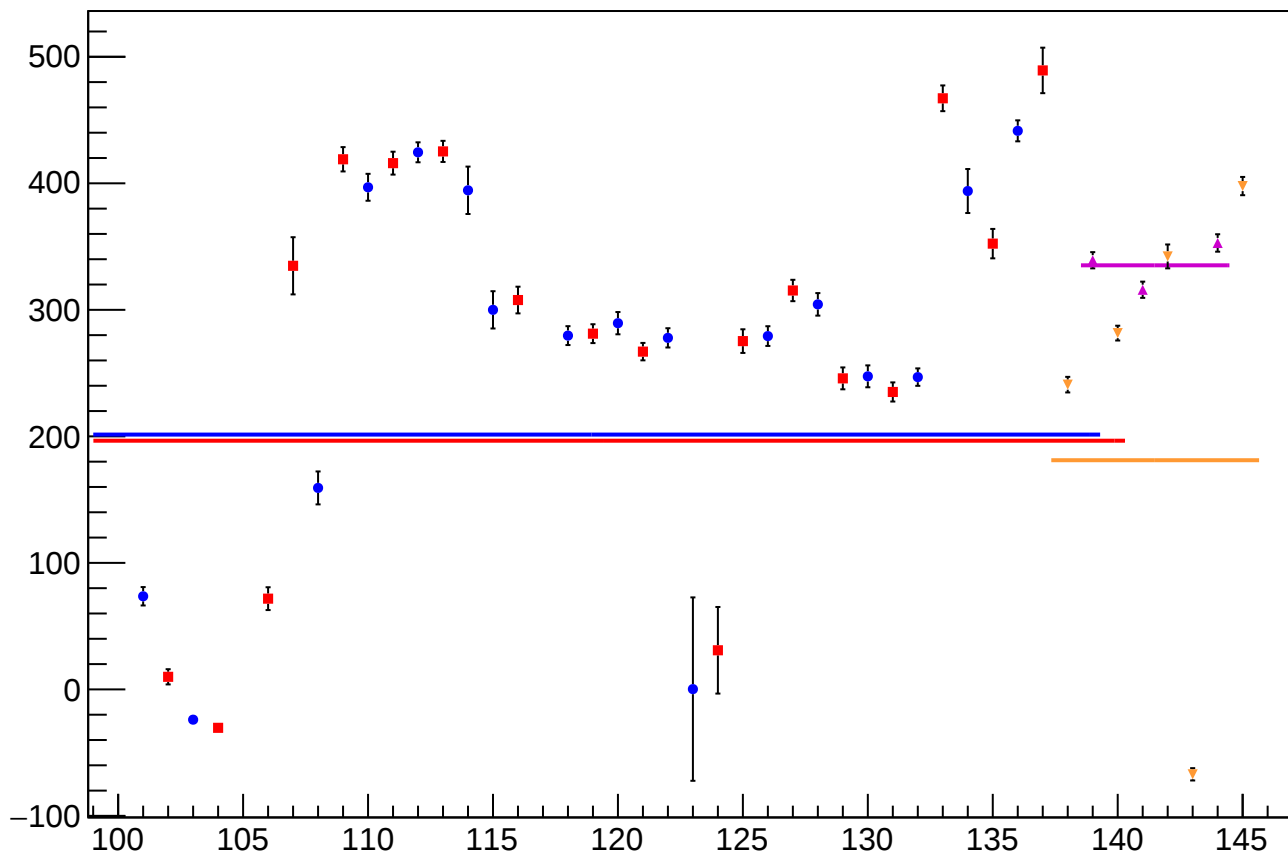
Right: 5.165 $\pm$ 0.764 χ^2 /NDF: 543.2/34

In: 4.716 $\pm$ 1.025 χ^2 /NDF:315.4/19

Out: 3.952 $\pm$ 0.947 χ^2 /NDF:267.8/22

All: 4.304 $\pm$ 0.696 χ^2 /NDF: 583.5/42

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: 335.189 $\pm$ 3.786 χ^2 /NDF: 16.0/2

Left: 235.423 $\pm$ 2.248 χ^2 /NDF: 5270.8/7

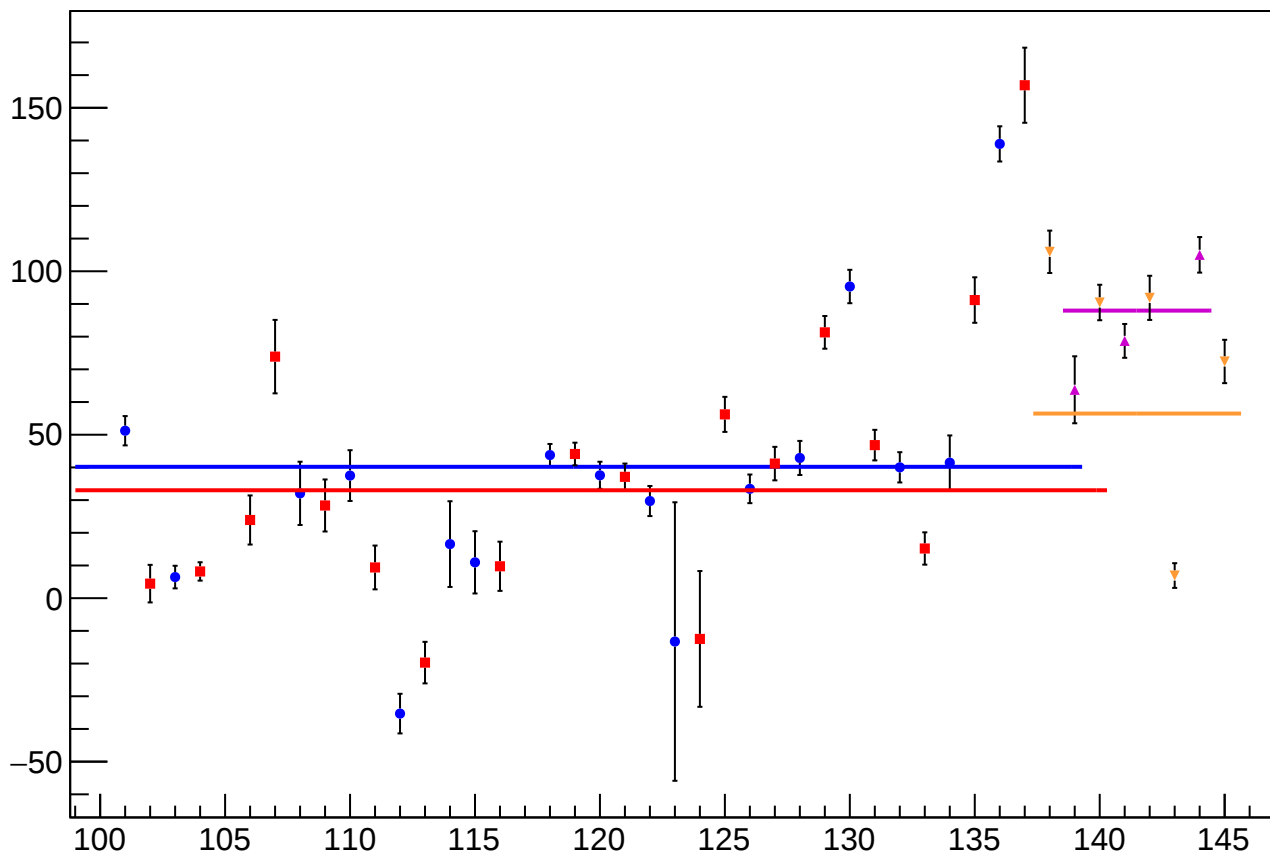
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 229.992 $\pm$ 1.750 χ^2 /NDF: 7738.2/19

Out: 191.575 $\pm$ 1.588 χ^2 /NDF: 12381.3/22

All: 208.928 $\pm$ 1.176 χ^2 /NDF: 20383.8/42

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 56.476+/-2.408 χ^2/NDF :302.6/4

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 87.967+/-3.520 χ^2/NDF :18.6/2

Left: 66.513+/-1.987 χ^2/NDF : 375.7/7

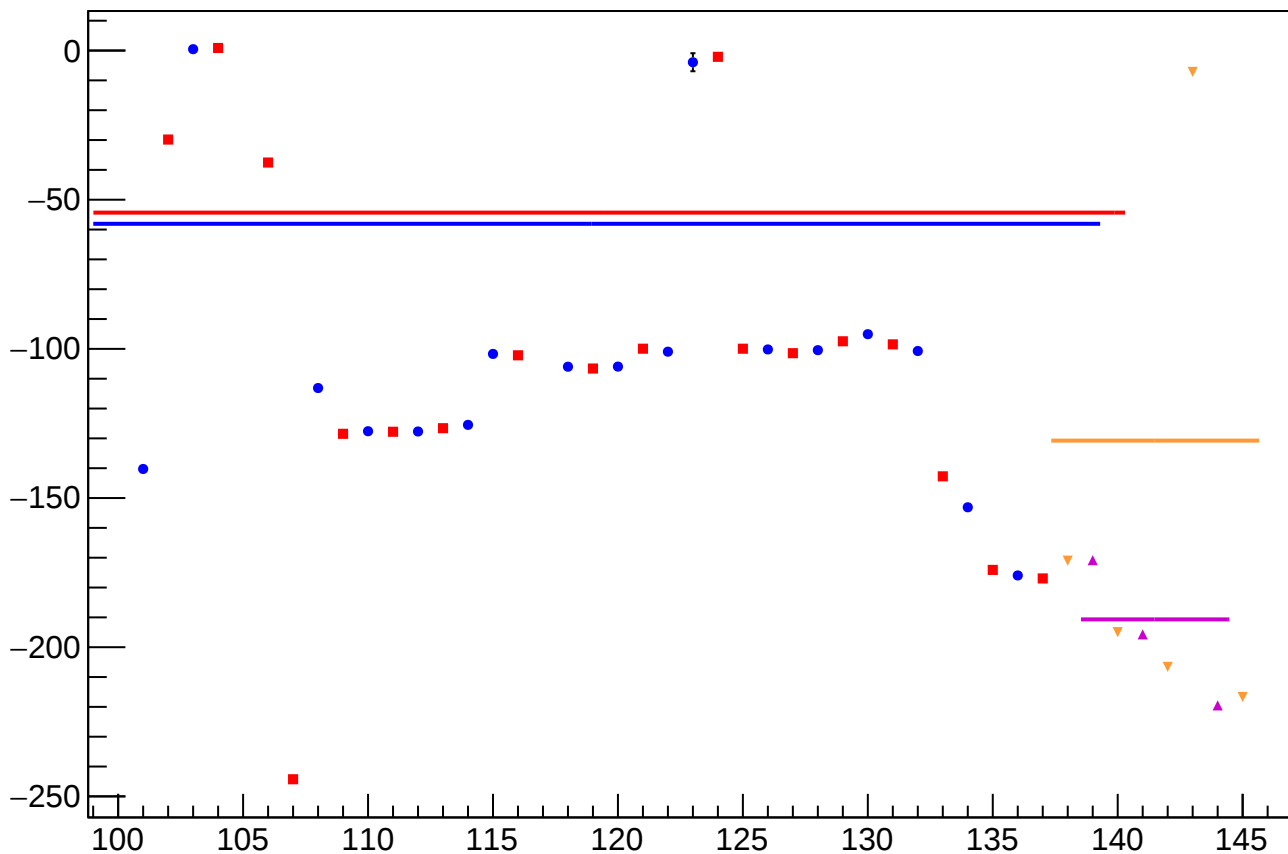
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 45.685+/-1.195 χ^2/NDF :915.7/19

Out: 38.008+/-1.111 χ^2/NDF :924.5/22

All: 41.570+/-0.814 χ^2/NDF : 1862.3/42

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -130.747+/-0.114 χ^2/NDF : 621191.8/4

Right Out: -54.323+/-0.060 χ^2/NDF : 991053.6/17

Left In: -190.674+/-0.148 χ^2/NDF : 17272.2/2

Left: -152.910+/-0.090 χ^2/NDF : 741399.9/7

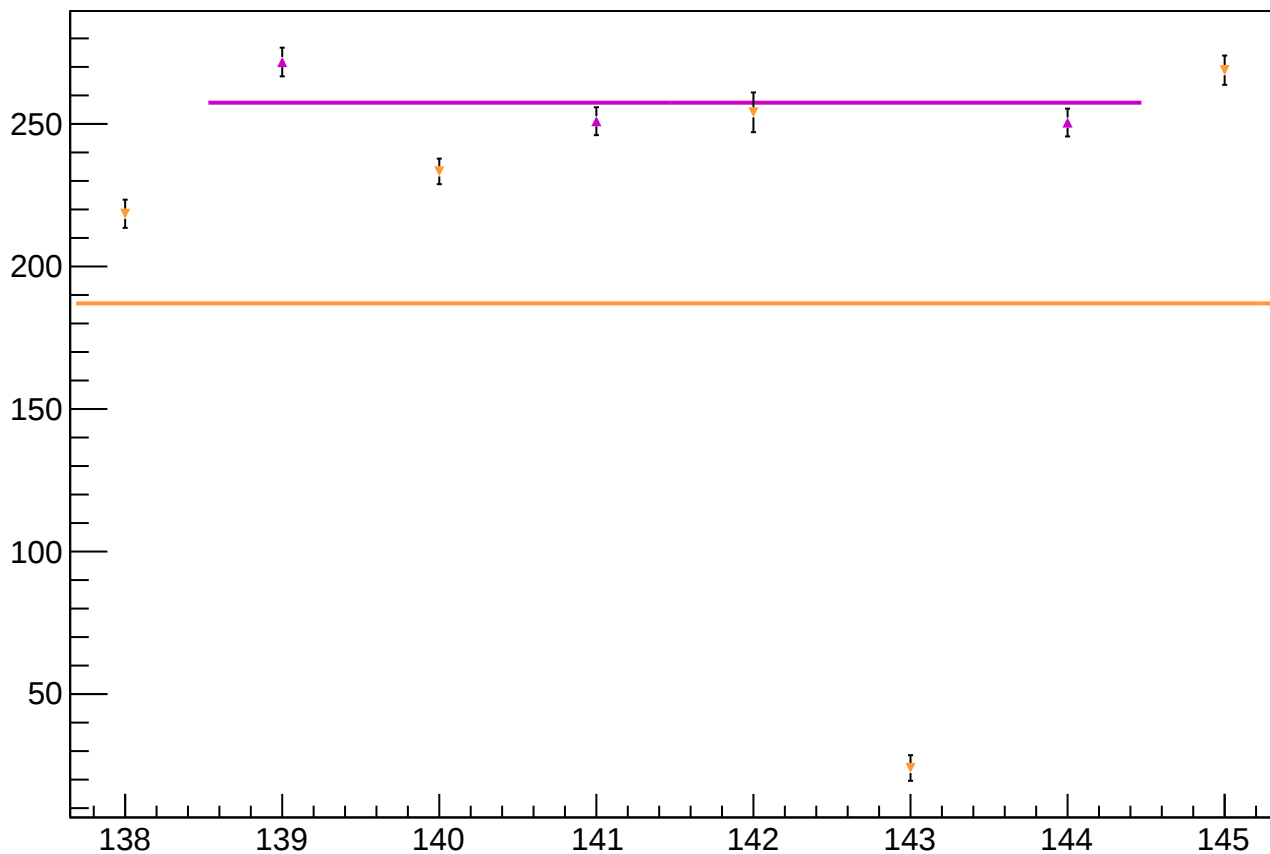
Right: -56.164+/-0.043 χ^2/NDF : 2097382.5/34

In: -77.605+/-0.057 χ^2/NDF : 1803650.7/19

Out: -71.186+/-0.053 χ^2/NDF : 1965045.0/22

All: -74.189+/-0.039 χ^2/NDF : 3775467.9/42

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: 257.456+/-2.850 χ^2/NDF :11.8/2

Left: 213.967+/-1.762 χ^2/NDF : 2199.1/7

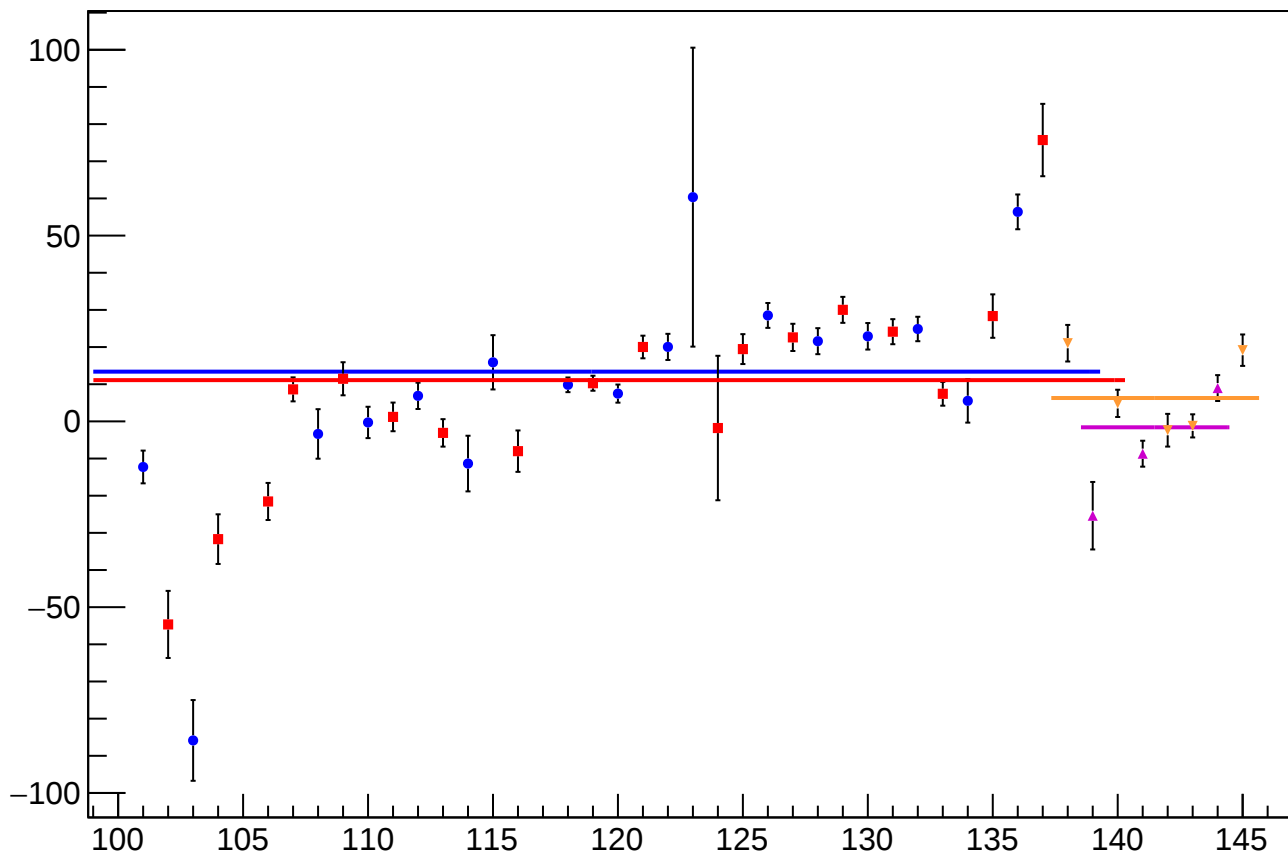
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.456+/-2.850 χ^2/NDF :11.8/2

Out: 187.042+/-2.242 χ^2/NDF :1810.2/4

All: 213.967+/-1.762 χ^2/NDF : 2199.1/7

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 6.290 ± 1.751 $\chi^2/\text{NDF}: 28.1/4$

Right Out: 11.101 ± 0.915 $\chi^2/\text{NDF}: 292.2/17$

Left In: -1.593 ± 2.379 $\chi^2/\text{NDF}: 20.2/2$

Left: 3.520 ± 1.410 $\chi^2/\text{NDF}: 55.4/7$

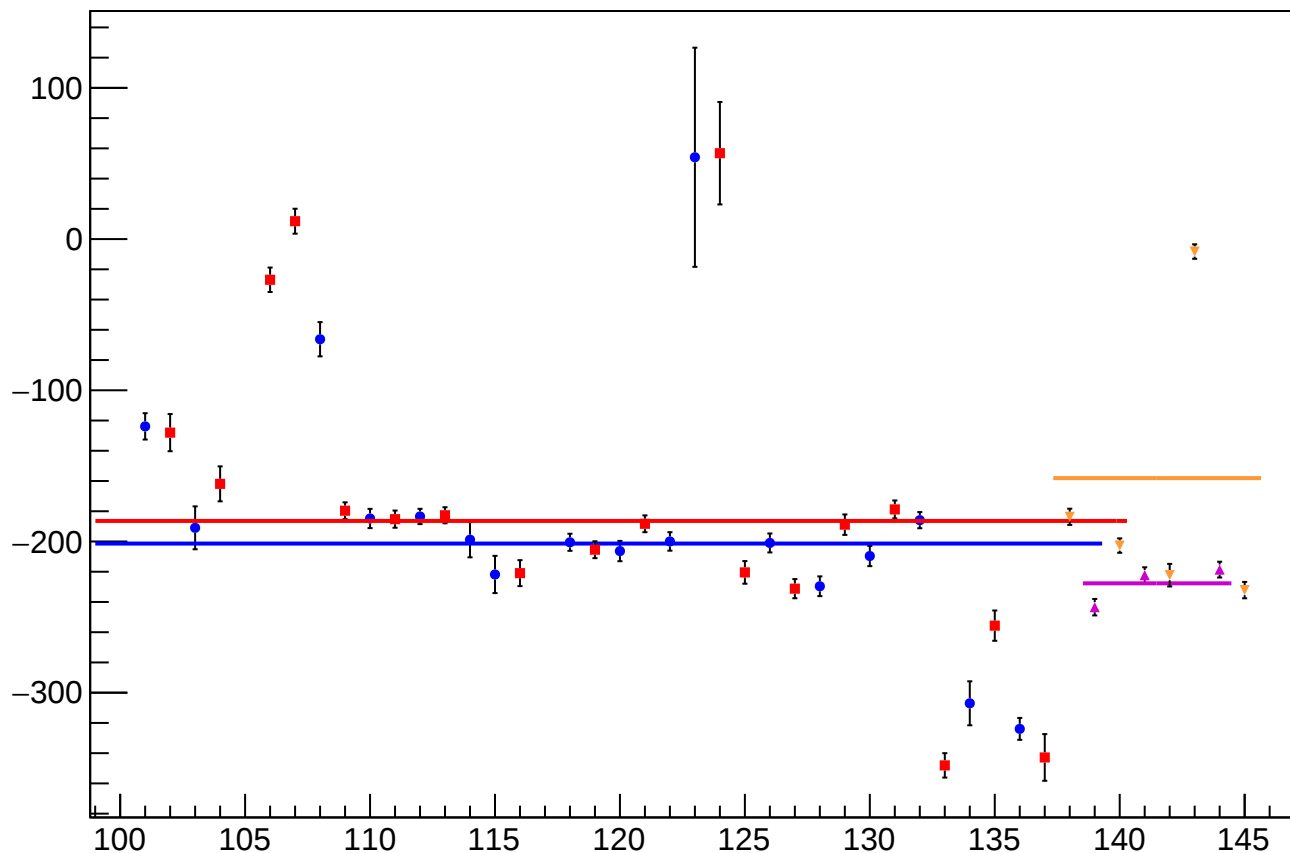
Right: 12.236 ± 0.649 $\chi^2/\text{NDF}: 589.4/34$

In: 11.432 ± 0.859 $\chi^2/\text{NDF}: 348.7/19$

Out: 10.068 ± 0.811 $\chi^2/\text{NDF}: 326.2/22$

All: 10.711 ± 0.590 $\chi^2/\text{NDF}: 676.3/42$

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: -227.669 ± 3.054 $\chi^2/\text{NDF}: 12.5/2$

Left: -184.579 ± 1.885 $\chi^2/\text{NDF}: 1683.0/7$

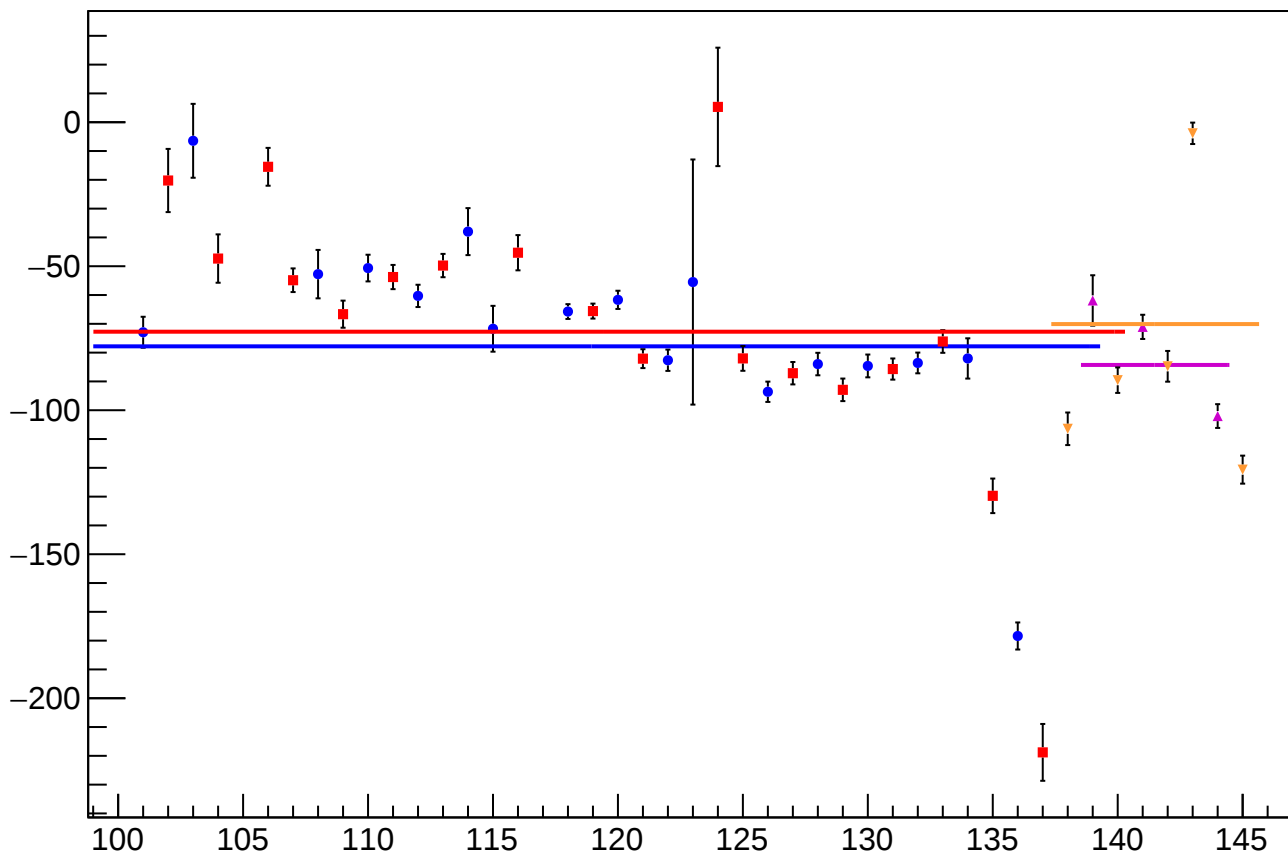
Right: -193.544 ± 1.232 $\chi^2/\text{NDF}: 2361.2/34$

In: -208.056 ± 1.540 $\chi^2/\text{NDF}: 692.8/19$

Out: -176.894 ± 1.388 $\chi^2/\text{NDF}: 3141.4/22$

All: -190.861 ± 1.031 $\chi^2/\text{NDF}: 4060.0/42$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -70.086 ± 2.076 $\chi^2/\text{NDF}: 493.4/4$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -84.279 ± 2.791 $\chi^2/\text{NDF}: 34.9/2$

Left: -75.141 ± 1.665 $\chi^2/\text{NDF}: 545.0/7$

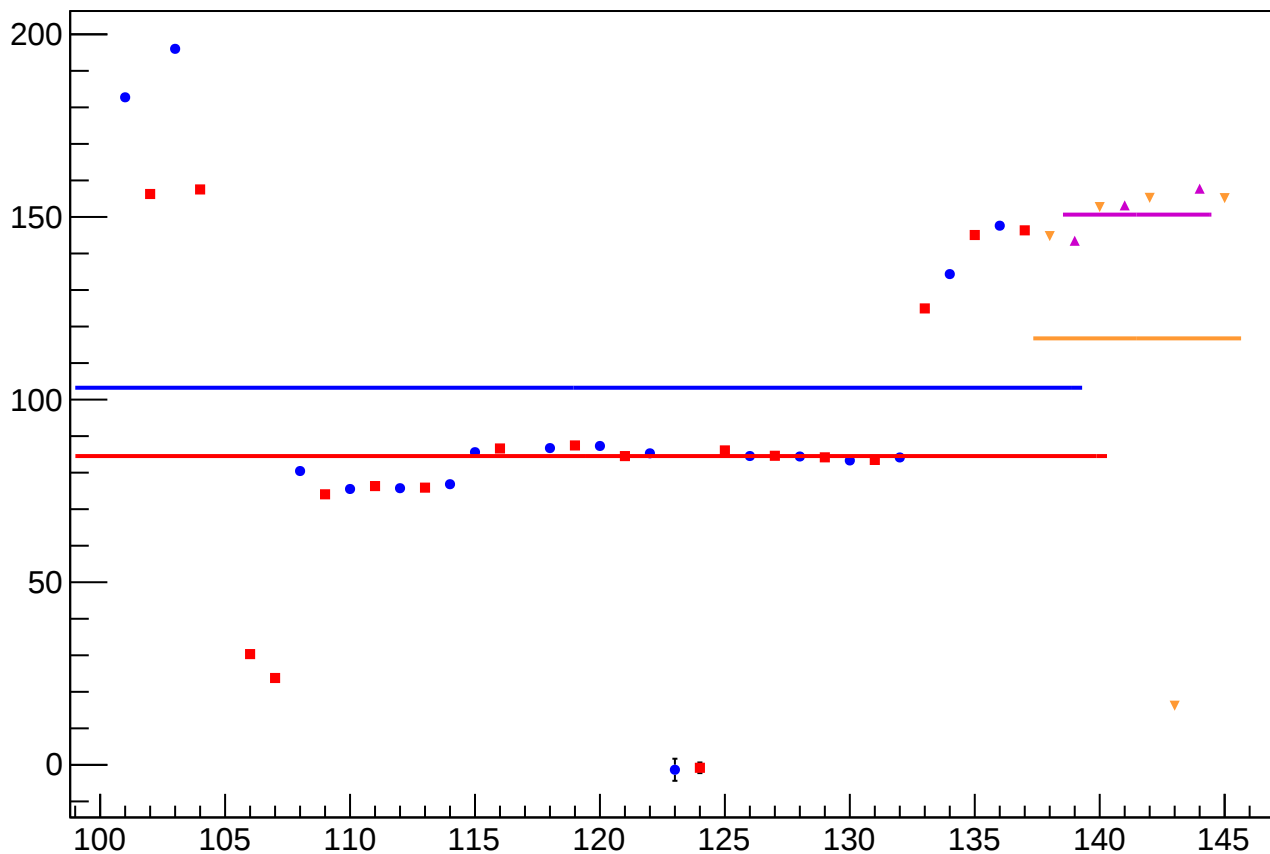
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -78.643 ± 0.997 $\chi^2/\text{NDF}: 696.0/19$

Out: -72.192 ± 0.939 $\chi^2/\text{NDF}: 1093.7/22$

All: -75.225 ± 0.684 $\chi^2/\text{NDF}: 1811.8/42$

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: 150.640 $\pm$ 0.121 χ^2 /NDF: 2497.1/2

Left: 130.137 $\pm$ 0.076 χ^2 /NDF: 419810.8/7

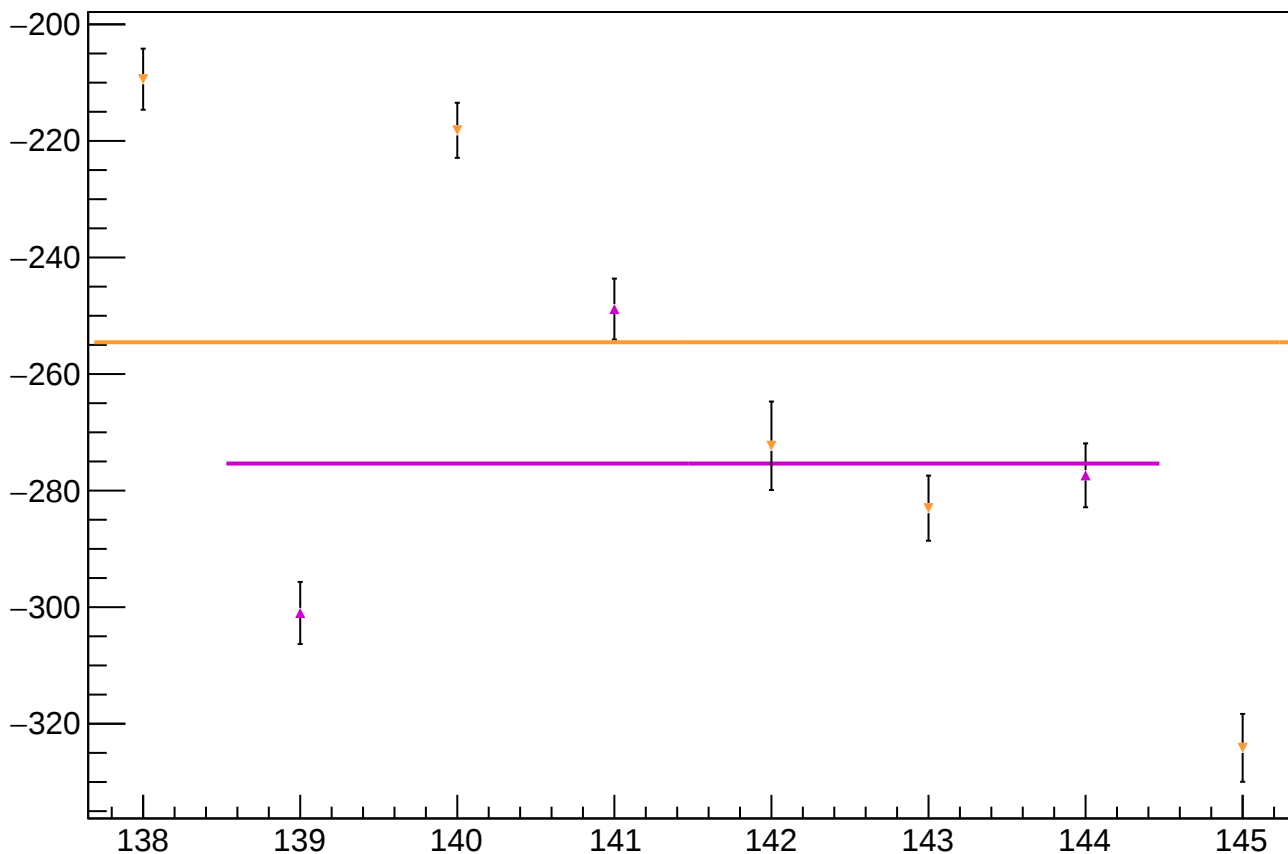
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 115.306 $\pm$ 0.061 χ^2 /NDF: 391008.8/19

Out: 94.236 $\pm$ 0.053 χ^2 /NDF: 857406.6/22

All: 103.413 $\pm$ 0.040 χ^2 /NDF: 1316123.9/42

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: -275.355+/-3.086 χ^2/NDF :48.9/2

Left: -262.791+/-1.942 χ^2/NDF : 384.1/7

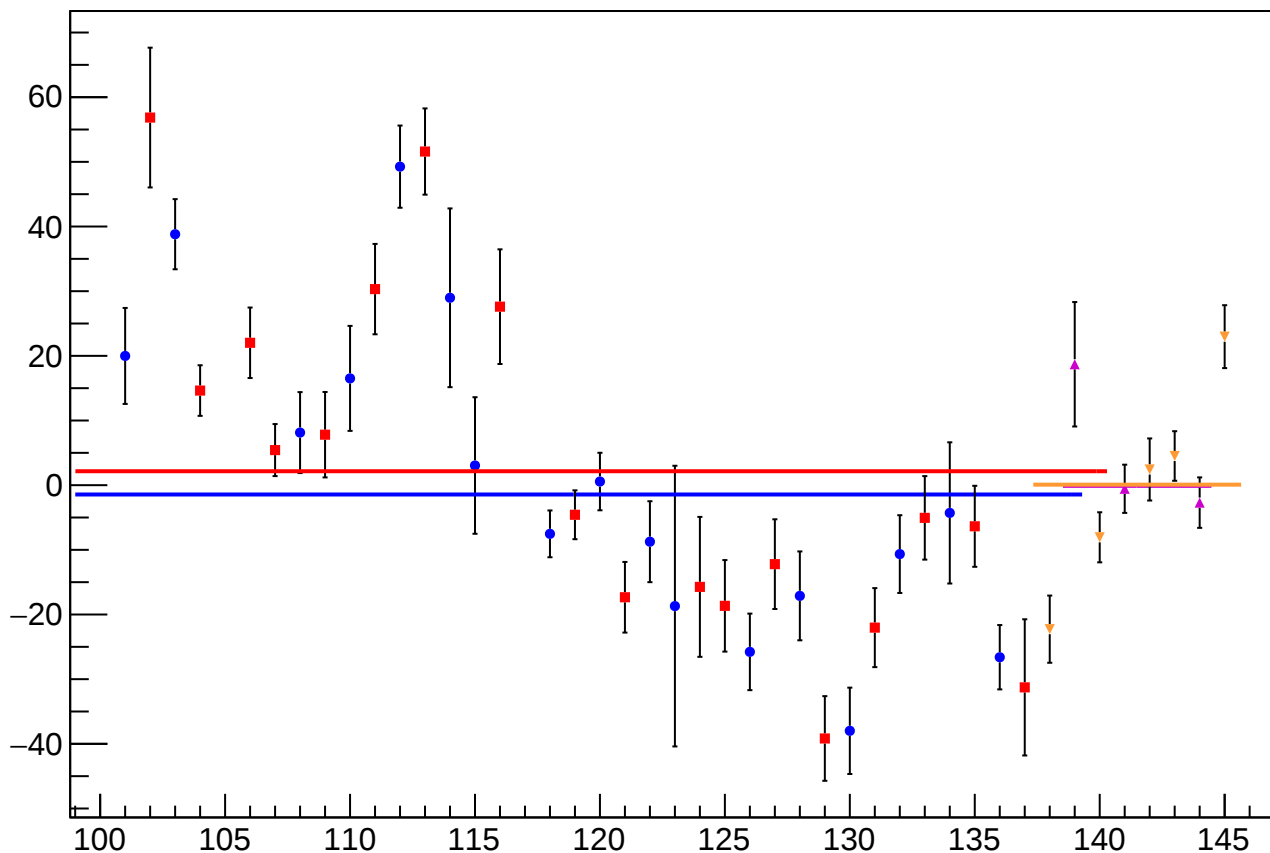
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.355+/-3.086 χ^2/NDF :48.9/2

Out: -254.550+/-2.499 χ^2/NDF :307.7/4

All: -262.791+/-1.942 χ^2/NDF : 384.1/7

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: -0.104 ± 2.596 $\chi^2/\text{NDF}: 4.3/2$

Left: 0.013 ± 1.570 $\chi^2/\text{NDF}: 50.9/7$

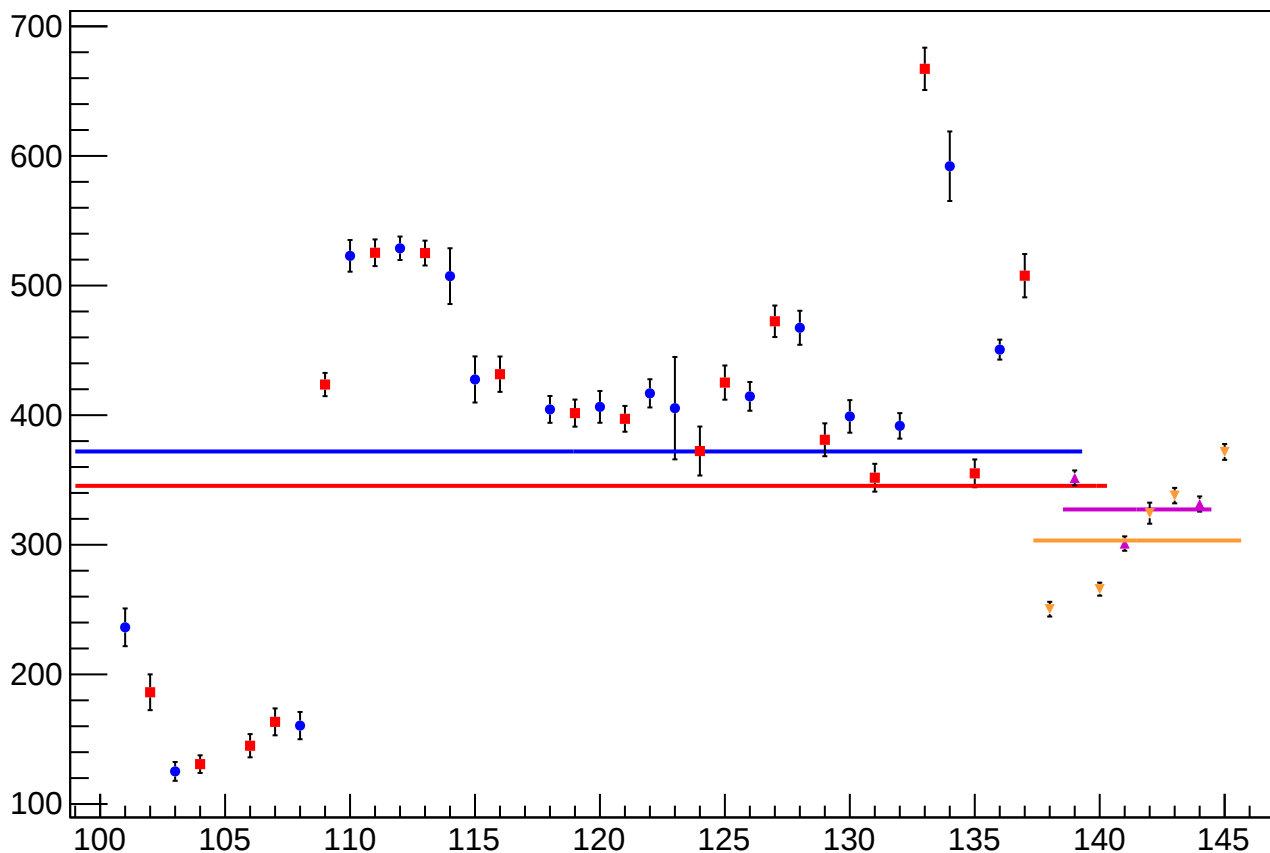
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: -1.100 ± 1.309 $\chi^2/\text{NDF}: 228.9/19$

Out: 1.459 ± 1.142 $\chi^2/\text{NDF}: 277.6/22$

All: 0.353 ± 0.861 $\chi^2/\text{NDF}: 508.6/42$

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: 327.271 $\pm$ 3.307 χ^2 /NDF:40.6/2

Left: 312.748 $\pm$ 2.076 χ^2 /NDF: 380.7/7

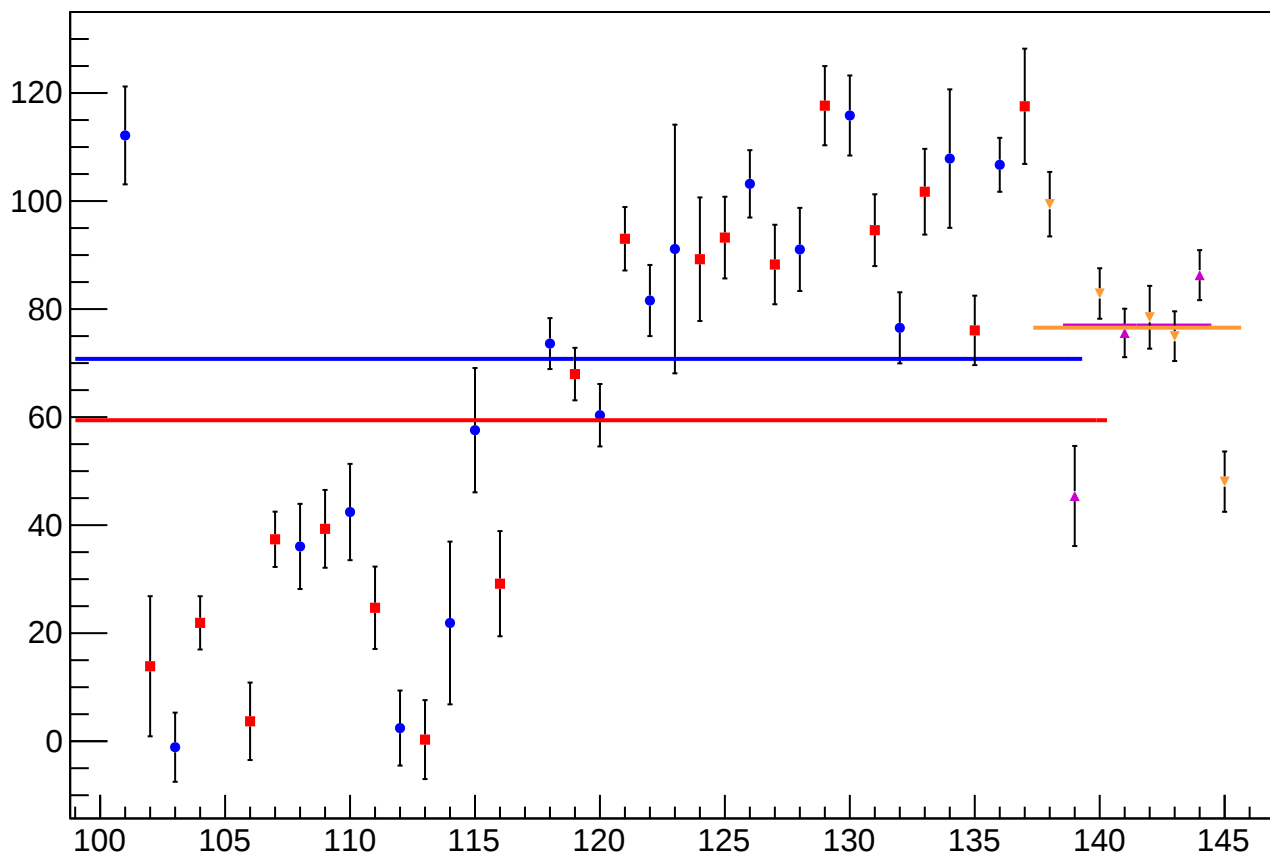
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 353.597 $\pm$ 2.121 χ^2 /NDF:2579.5/19

Out: 325.213 $\pm$ 1.848 χ^2 /NDF:3839.8/22

All: 337.464 $\pm$ 1.394 χ^2 /NDF: 6521.1/42

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: 76.951 $\pm$ 3.043 χ^2 /NDF:15.8/2

Left: 76.703 $\pm$ 1.855 χ^2 /NDF: 58.5/7

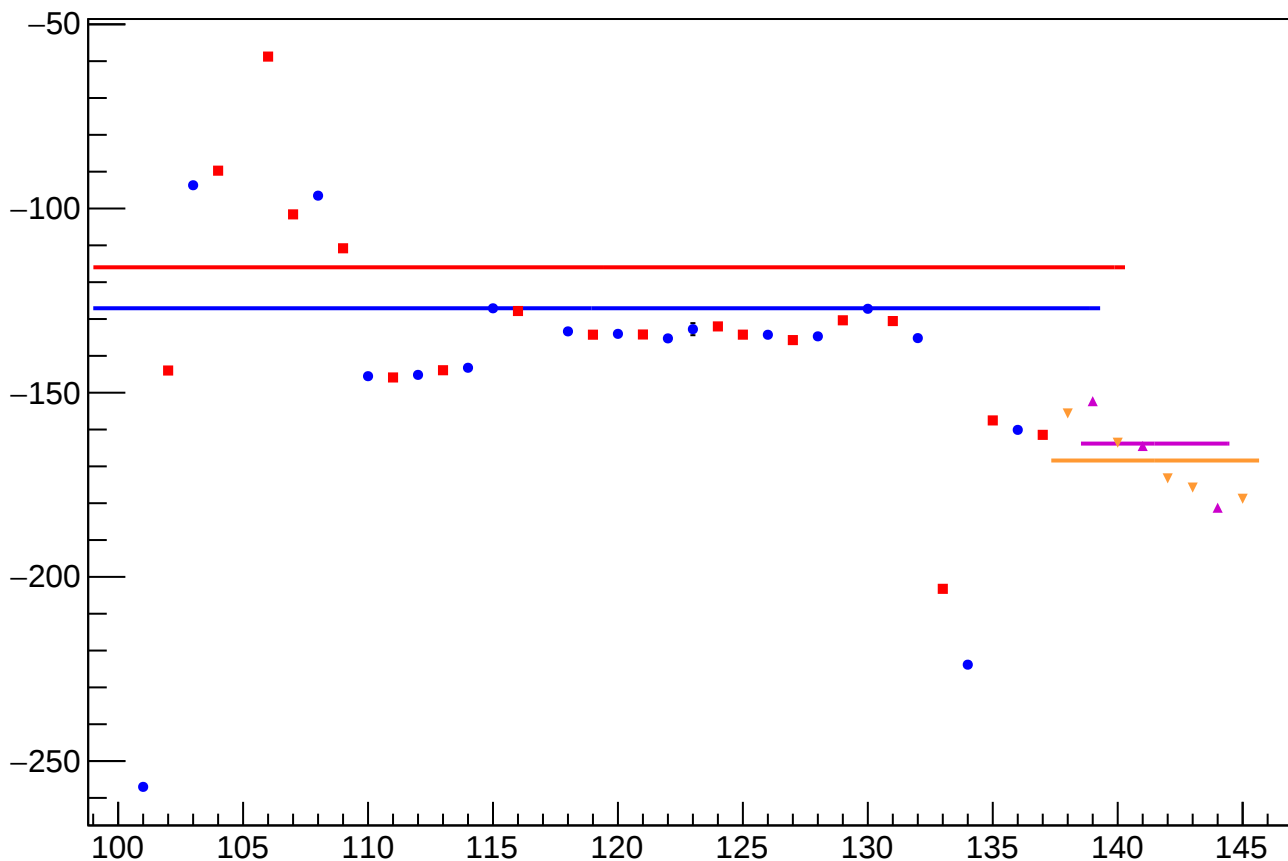
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 72.309 $\pm$ 1.515 χ^2 /NDF:442.8/19

Out: 65.028 $\pm$ 1.339 χ^2 /NDF:565.4/22

All: 68.221 $\pm$ 1.003 χ^2 /NDF: 1021.2/42

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -168.410+/-0.109 χ^2/NDF : 6700.3/4

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -163.816+/-0.130 χ^2/NDF : 7814.2/2

Left: -166.516+/-0.084 χ^2/NDF : 15246.6/7

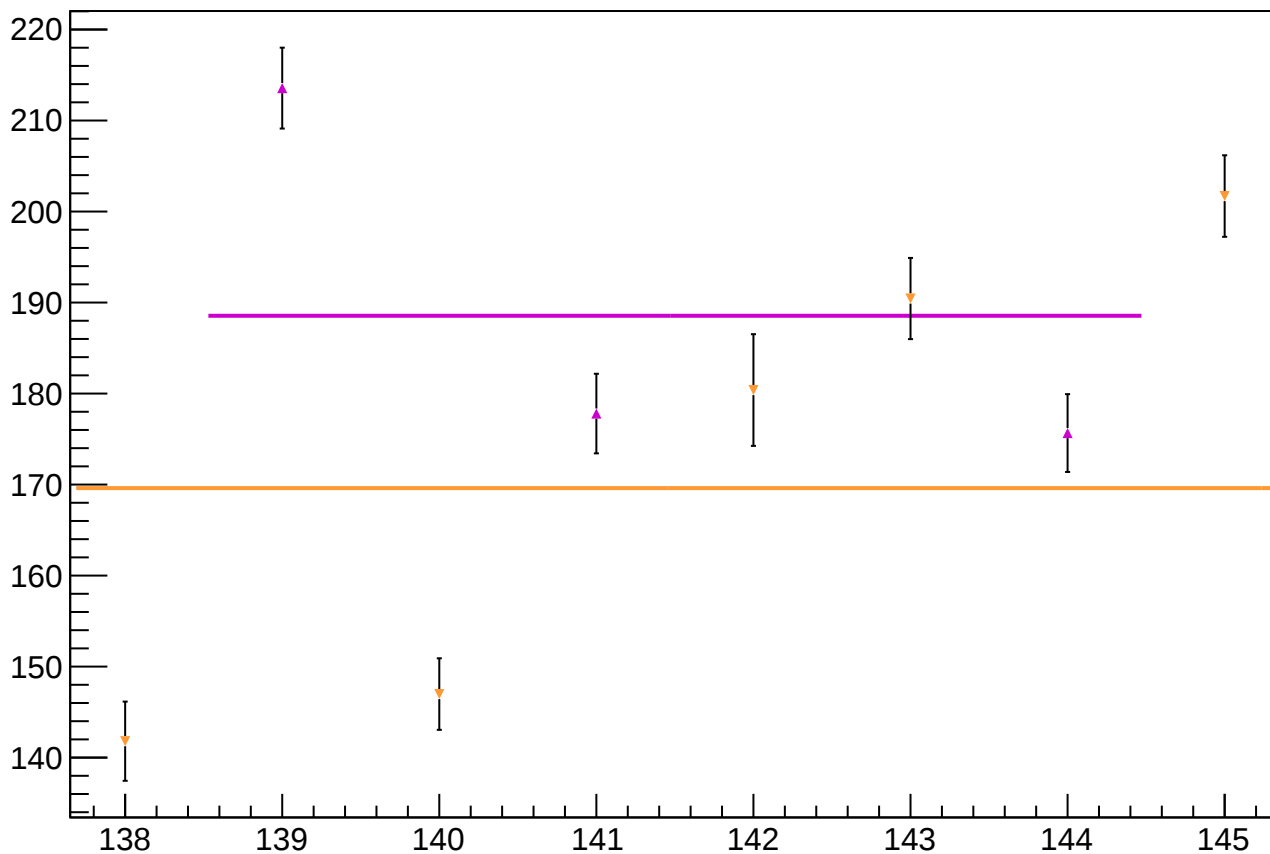
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.874+/-0.074 χ^2/NDF : 228923.2/19

Out: -135.211+/-0.066 χ^2/NDF : 312206.0/22

All: -136.841+/-0.049 χ^2/NDF : 542497.6/42

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 169.611+/-2.024 χ^2/NDF :150.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 188.547+/-2.518 χ^2/NDF :46.8/2

Left: 177.040+/-1.577 χ^2/NDF : 231.4/7

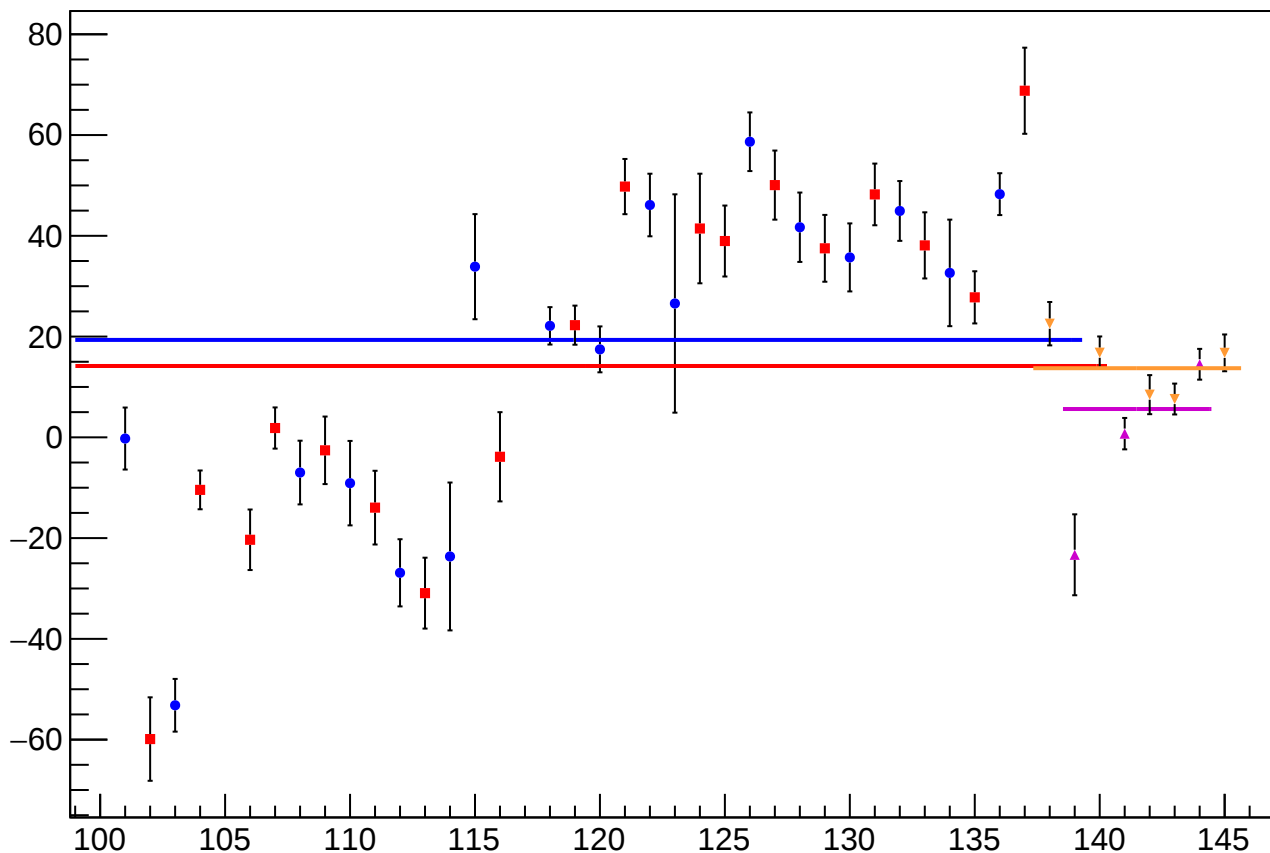
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 188.547+/-2.518 χ^2/NDF :46.8/2

Out: 169.611+/-2.024 χ^2/NDF :150.2/4

All: 177.040+/-1.577 χ^2/NDF : 231.4/7

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 13.722 ± 1.584 $\chi^2/\text{NDF}: 11.6/4$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: 5.622 ± 2.106 $\chi^2/\text{NDF}: 23.9/2$

Left: 10.794 ± 1.266 $\chi^2/\text{NDF}: 45.0/7$

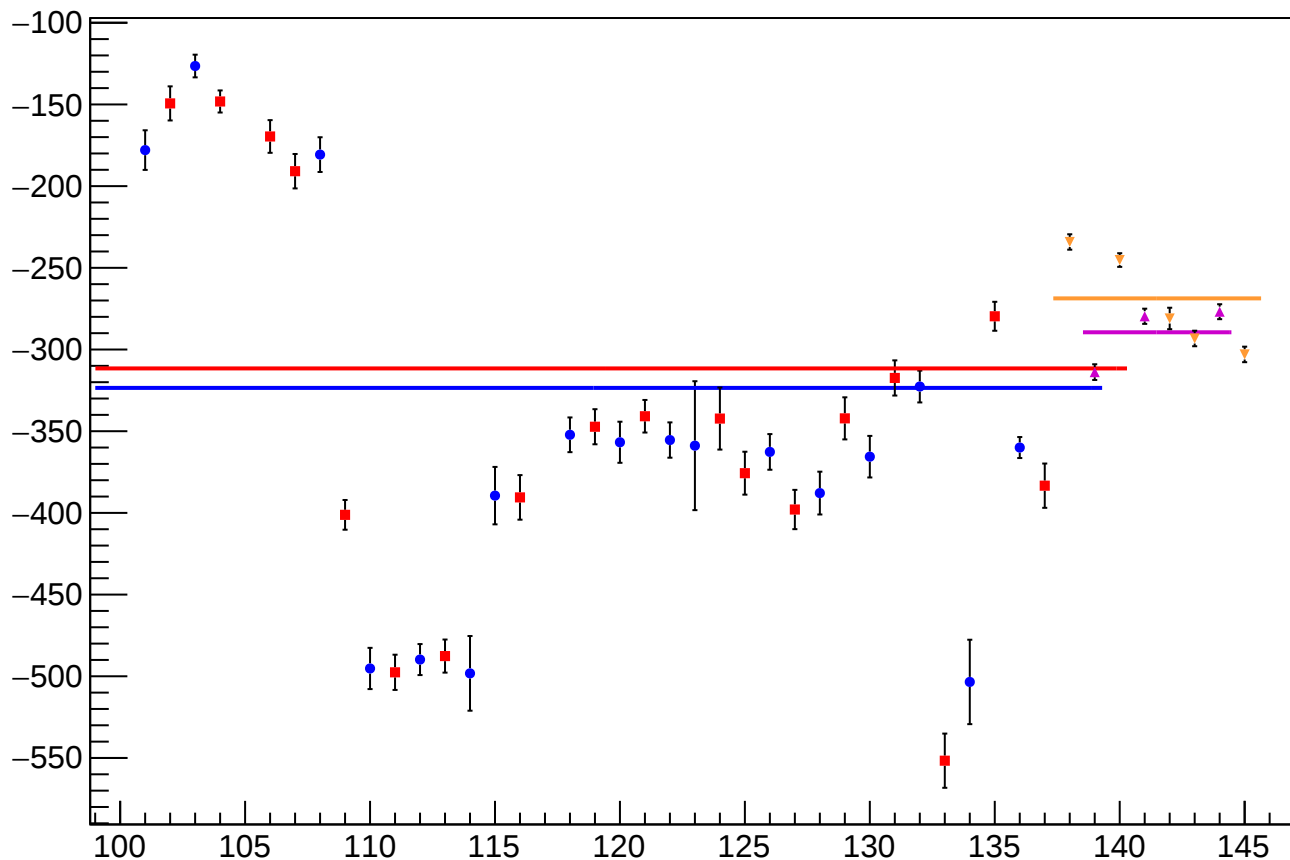
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 14.793 ± 1.212 $\chi^2/\text{NDF}: 492.1/19$

Out: 13.970 ± 1.045 $\chi^2/\text{NDF}: 437.7/22$

All: 14.321 ± 0.792 $\chi^2/\text{NDF}: 930.1/42$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -268.704 ± 2.163 χ^2/NDF : 167.3/4

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -289.453 ± 2.699 χ^2/NDF : 37.7/2

Left: -276.817 ± 1.688 χ^2/NDF : 241.1/7

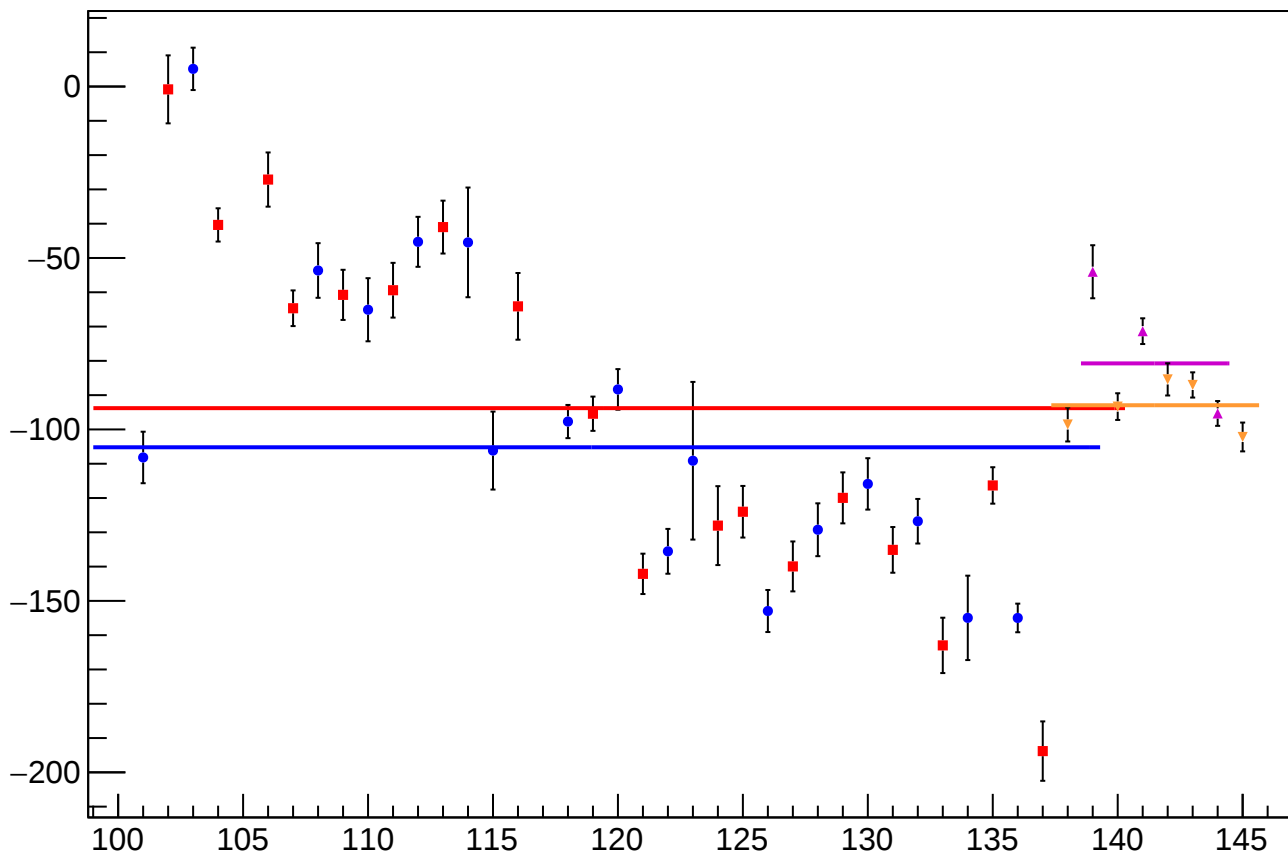
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -306.640 ± 1.899 χ^2/NDF : 1965.6/19

Out: -286.829 ± 1.643 χ^2/NDF : 2577.3/22

All: -295.310 ± 1.243 χ^2/NDF : 4605.1/42

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 $\chi^2/\text{NDF}: 735.6/16$

Left Out: -92.944 ± 1.881 $\chi^2/\text{NDF}: 11.3/4$

Right Out: -93.793 ± 1.611 $\chi^2/\text{NDF}: 815.4/17$

Left In: -80.740 ± 2.469 $\chi^2/\text{NDF}: 34.5/2$

Left: -88.462 ± 1.496 $\chi^2/\text{NDF}: 61.2/7$

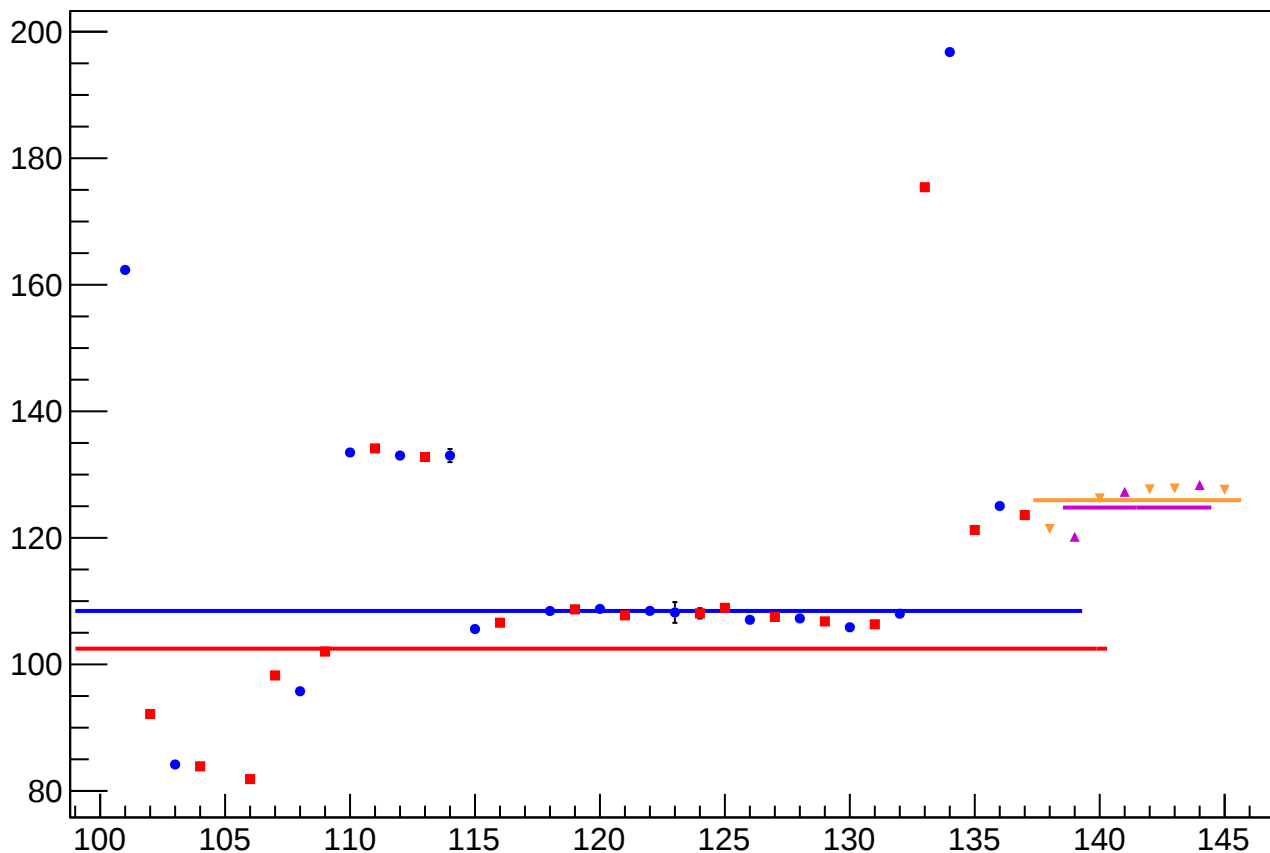
Right: -99.203 ± 1.168 $\chi^2/\text{NDF}: 1574.8/34$

In: -97.355 ± 1.398 $\chi^2/\text{NDF}: 836.8/19$

Out: -93.434 ± 1.224 $\chi^2/\text{NDF}: 826.8/22$

All: -95.134 ± 0.921 $\chi^2/\text{NDF}: 1668.1/42$

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: 124.794 $\pm$ 0.107 χ^2 /NDF: 1232.6/2

Left: 125.484 $\pm$ 0.068 χ^2 /NDF: 2107.1/7

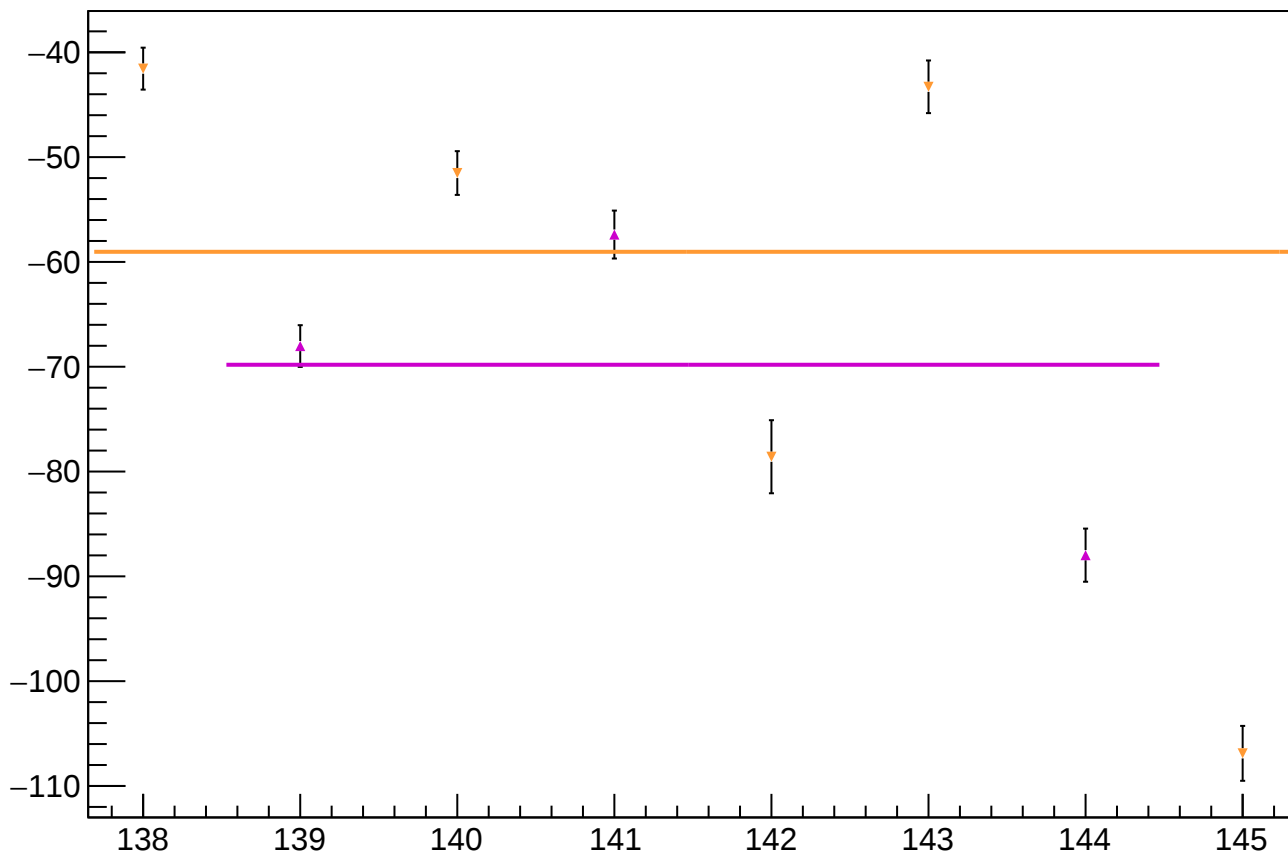
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 114.779 $\pm$ 0.066 χ^2 /NDF: 88891.7/19

Out: 113.026 $\pm$ 0.059 χ^2 /NDF: 92731.2/22

All: 113.801 $\pm$ 0.044 χ^2 /NDF: 182012.2/42

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: -69.811+/-1.292 χ^2/NDF :81.7/2

Left: -63.441+/-0.826 χ^2/NDF : 616.7/7

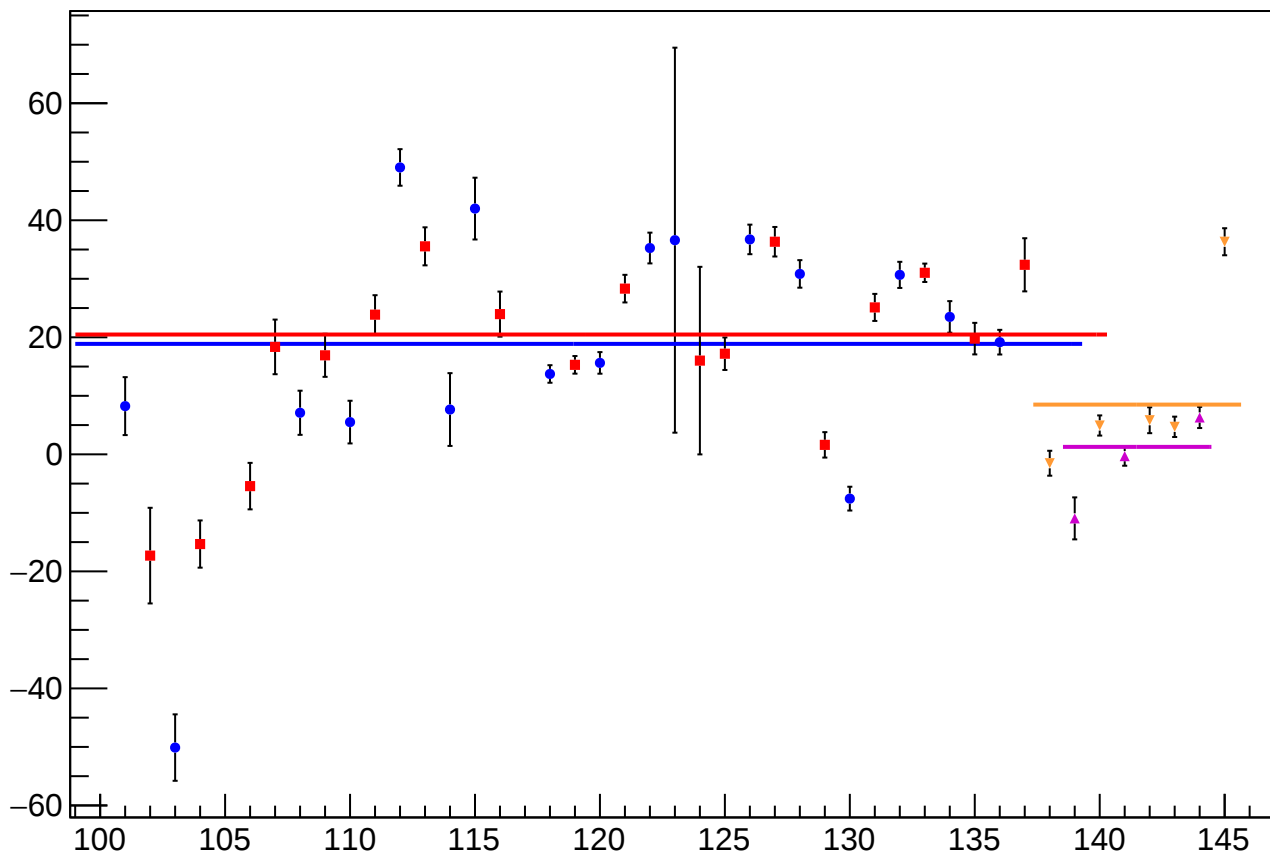
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.811+/-1.292 χ^2/NDF :81.7/2

Out: -59.033+/-1.075 χ^2/NDF :493.9/4

All: -63.441+/-0.826 χ^2/NDF : 616.7/7

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.500 $\pm$ 0.884 χ^2 /NDF:177.7/4

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 1.275 $\pm$ 1.149 χ^2 /NDF:20.3/2

Left: 5.814 $\pm$ 0.701 χ^2 /NDF: 222.8/7

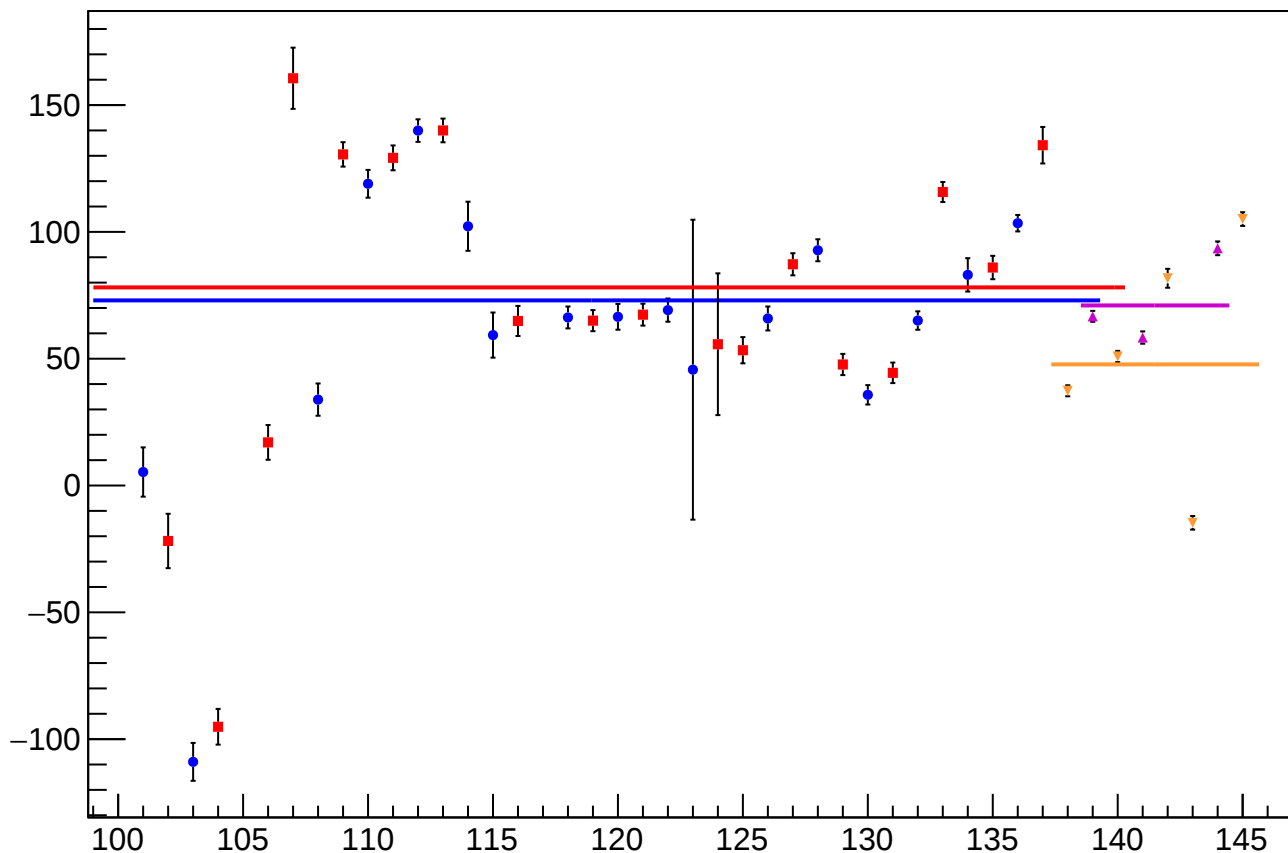
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 14.667 $\pm$ 0.562 χ^2 /NDF:819.2/19

Out: 16.327 $\pm$ 0.520 χ^2 /NDF:660.0/22

All: 15.561 $\pm$ 0.382 χ^2 /NDF: 1483.9/42

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: 71.003 $\pm$ 1.386 χ^2 /NDF:100.1/2

Left: 57.186 $\pm$ 0.883 χ^2 /NDF: 1367.8/7

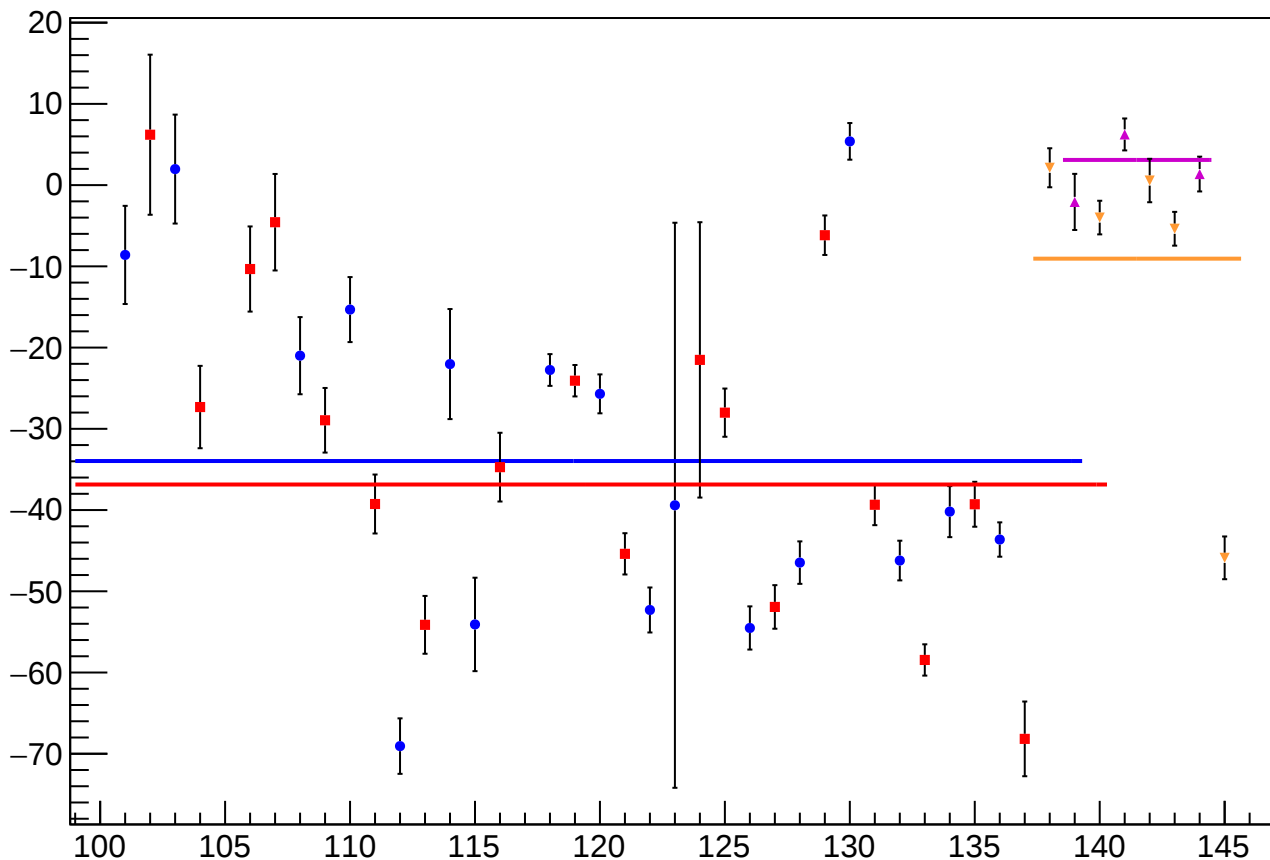
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 72.116 $\pm$ 0.920 χ^2 /NDF:1306.8/19

Out: 61.929 $\pm$ 0.836 χ^2 /NDF:2975.4/22

All: 66.537 $\pm$ 0.619 χ^2 /NDF: 4349.4/42

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: 3.100 ± 1.335 χ^2/NDF : 5.4/2

Left: -4.460 ± 0.821 χ^2/NDF : 296.7/7

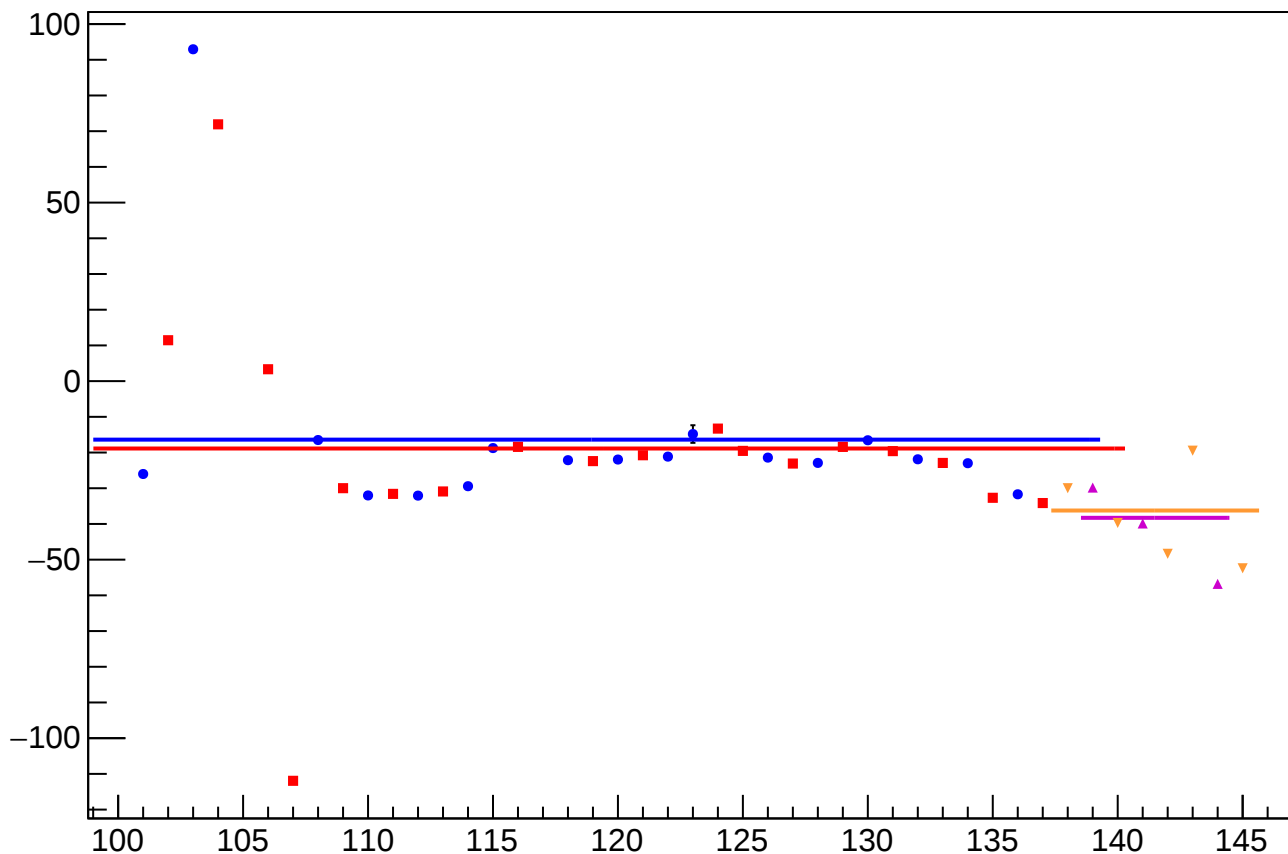
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -25.301 ± 0.646 χ^2/NDF : 1317.6/19

Out: -27.575 ± 0.601 χ^2/NDF : 1250.2/22

All: -26.518 ± 0.440 χ^2/NDF : 2574.4/42

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: -38.285 ± 0.054 $\chi^2/\text{NDF}: 36906.7/2$

Left: -37.115 ± 0.035 $\chi^2/\text{NDF}: 98167.0/7$

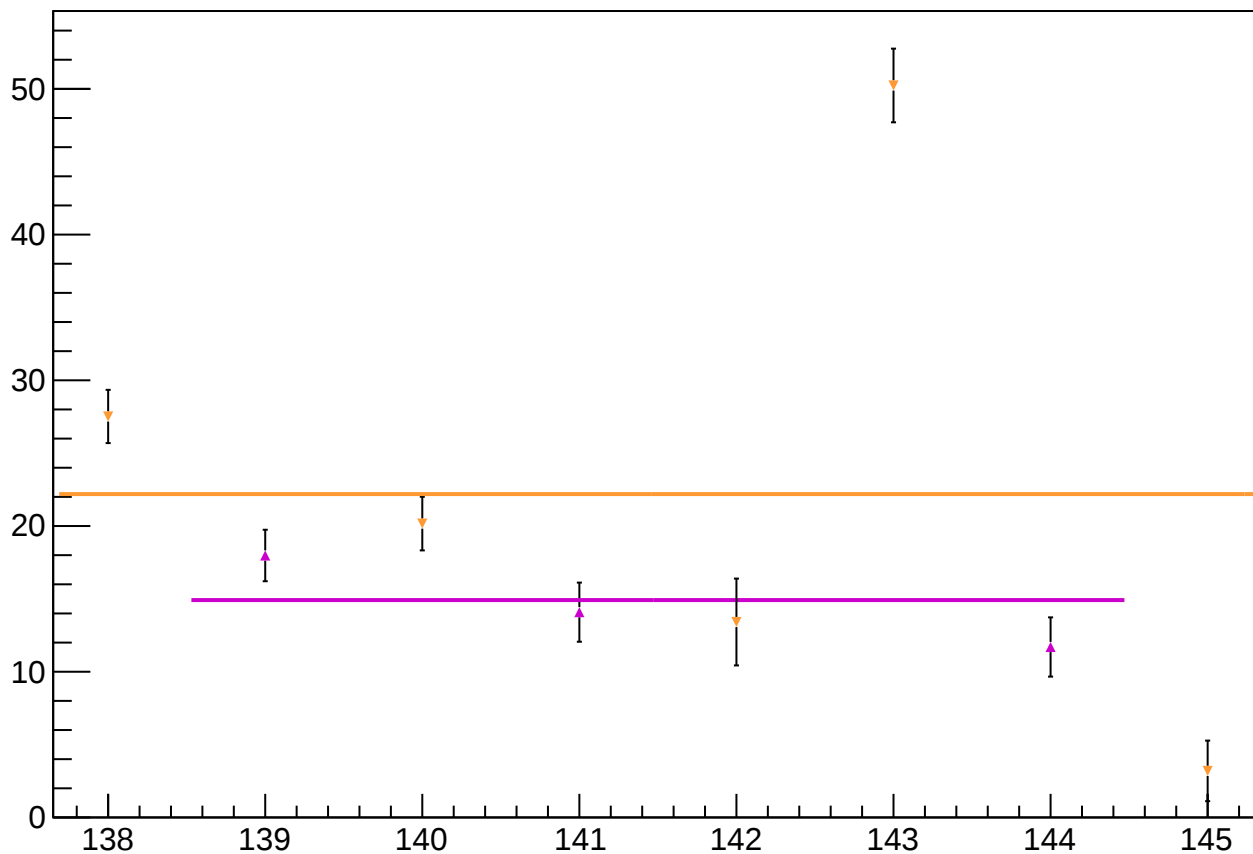
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -25.319 ± 0.034 $\chi^2/\text{NDF}: 610142.9/19$

Out: -27.349 ± 0.032 $\chi^2/\text{NDF}: 565550.5/22$

All: -26.389 ± 0.024 $\chi^2/\text{NDF}: 1177548.8/42$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 22.193+/-0.955 χ^2/NDF :225.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.918+/-1.114 χ^2/NDF :5.7/2

Left: 19.111+/-0.725 χ^2/NDF : 255.2/7

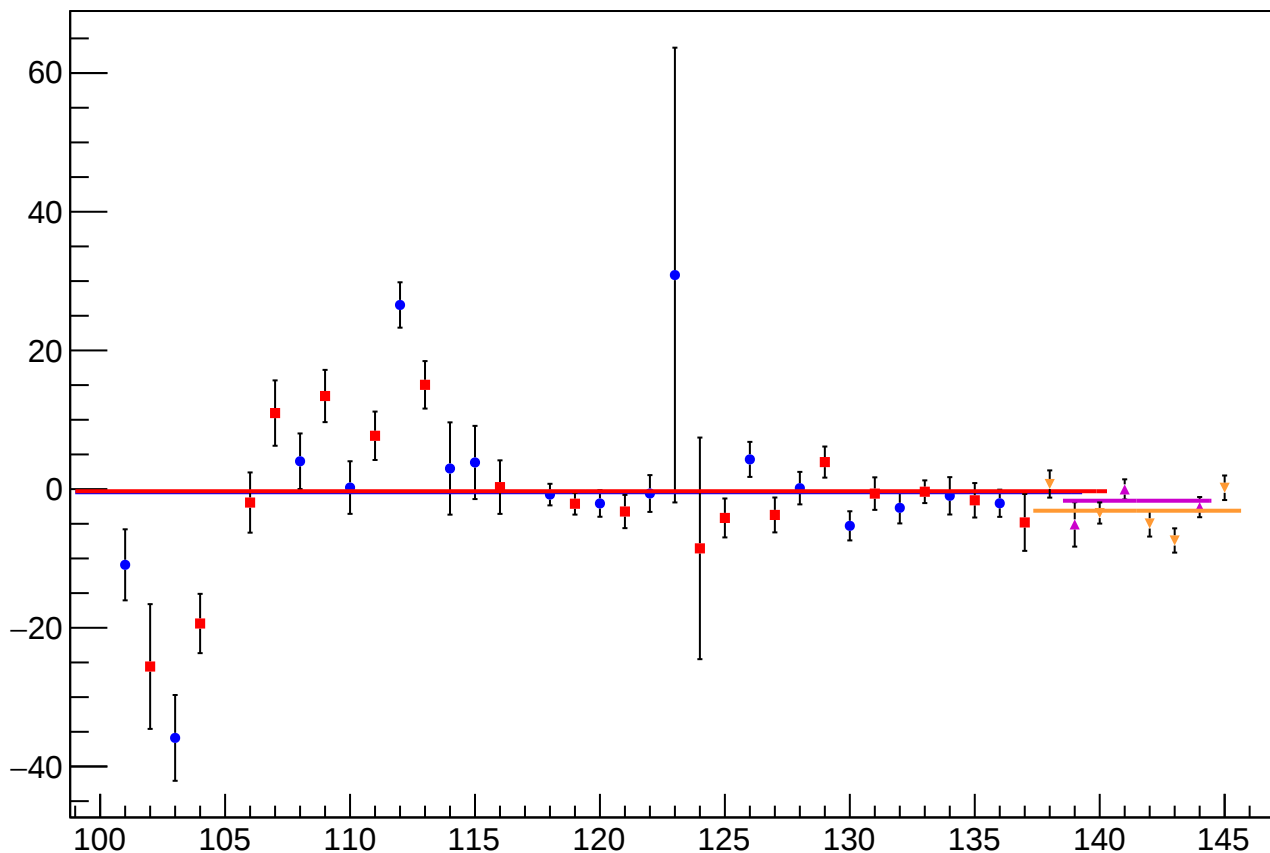
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.918+/-1.114 χ^2/NDF :5.7/2

Out: 22.193+/-0.955 χ^2/NDF :225.0/4

All: 19.111+/-0.725 χ^2/NDF : 255.2/7

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: -1.675 ± 0.980 χ^2/NDF : 2.8/2

Left: -2.552 ± 0.614 χ^2/NDF : 18.5/7

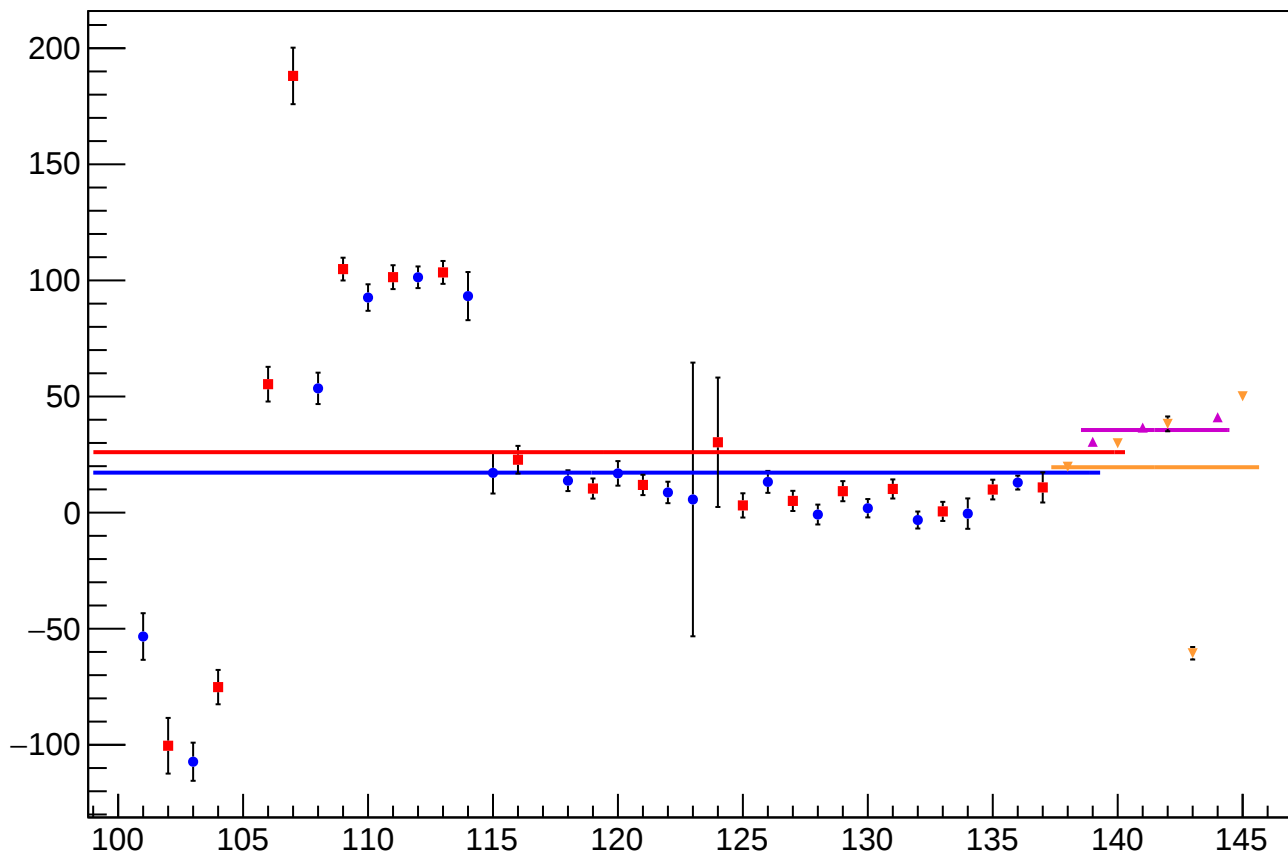
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.829 ± 0.544 χ^2/NDF : 123.4/19

Out: -1.461 ± 0.504 χ^2/NDF : 106.0/22

All: -1.169 ± 0.370 χ^2/NDF : 230.1/42

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: 35.577+/-1.195 χ^2/NDF :13.6/2

Left: 26.301+/-0.776 χ^2/NDF : 1259.3/7

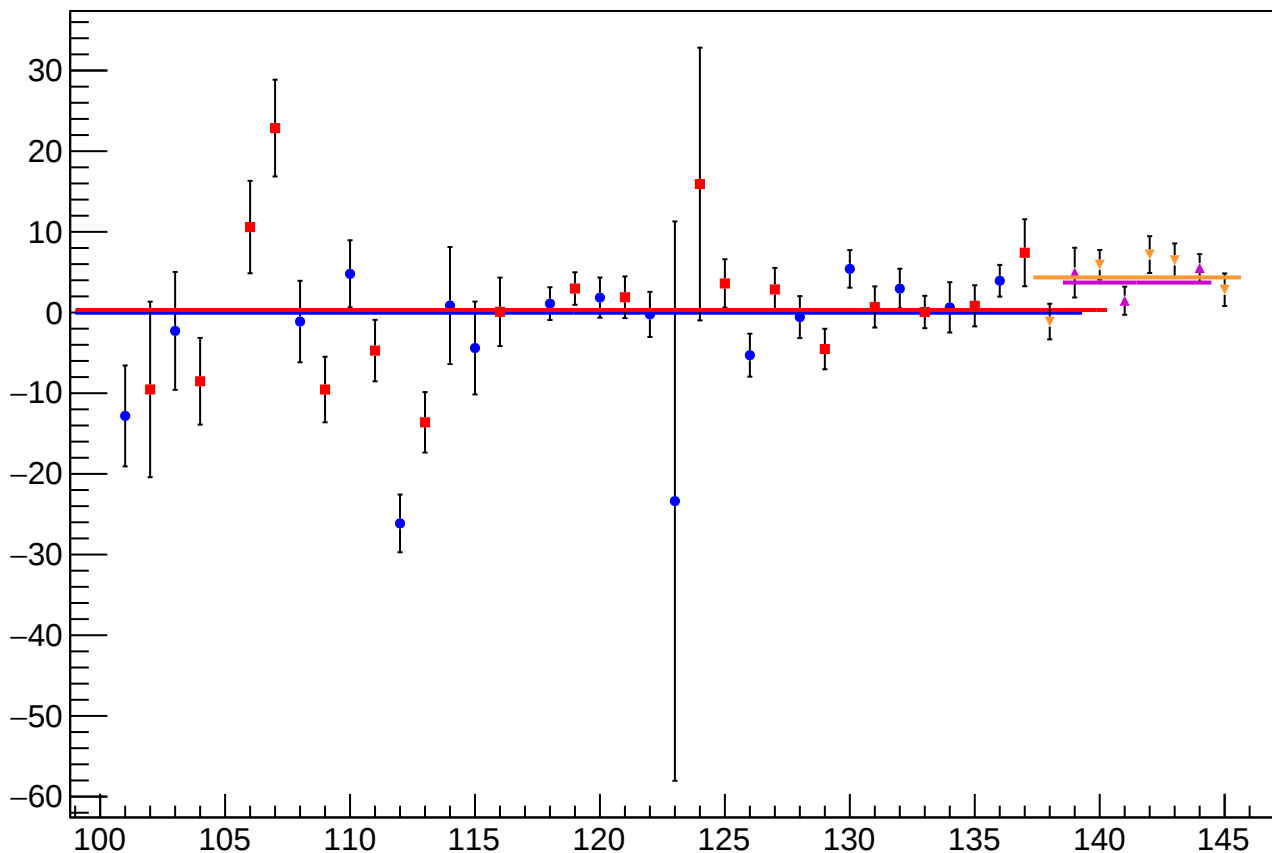
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 26.740+/-0.861 χ^2/NDF :1067.3/19

Out: 22.156+/-0.789 χ^2/NDF :2523.8/22

All: 24.248+/-0.582 χ^2/NDF : 3606.6/42

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: 3.717 ± 1.139 χ^2/NDF : 2.9/2

Left: 4.102 ± 0.718 χ^2/NDF : 13.1/7

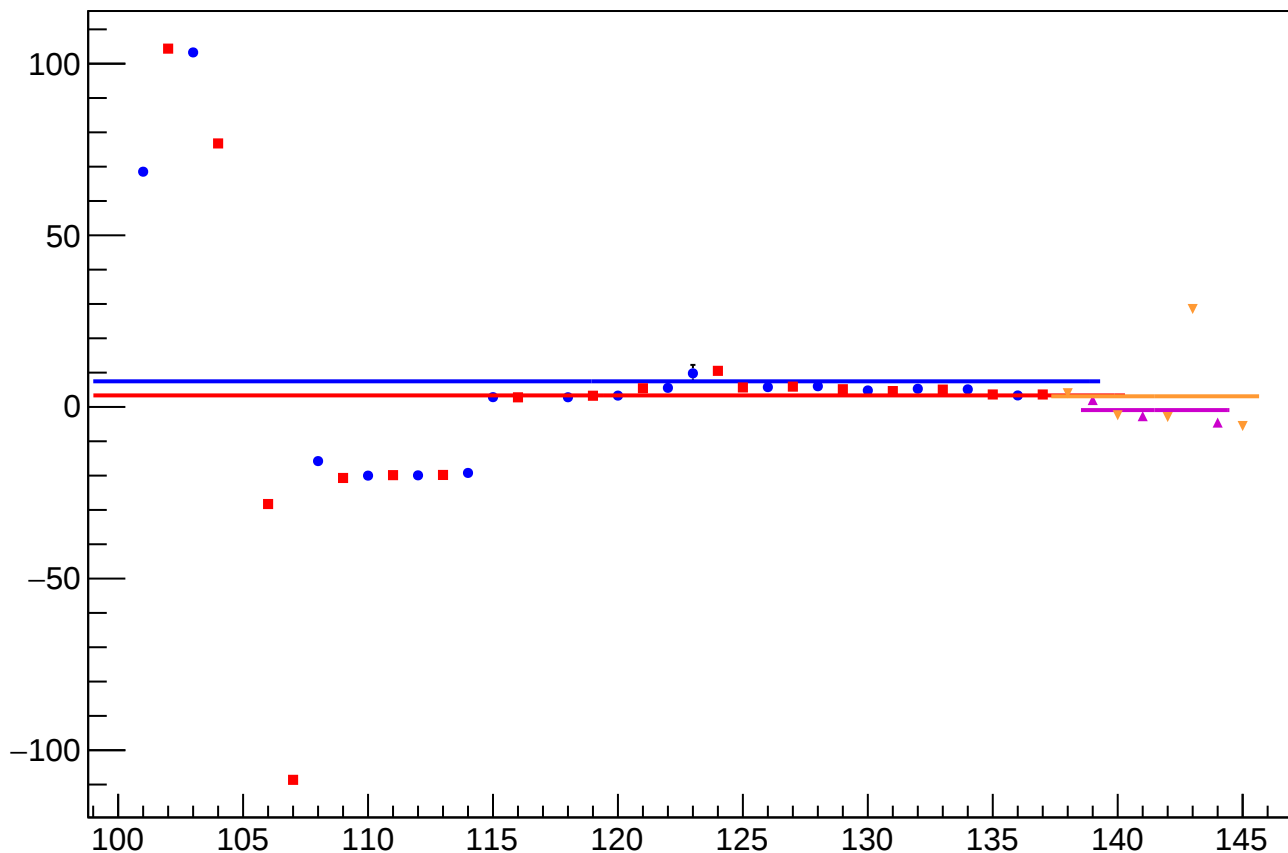
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.098 ± 0.623 χ^2/NDF : 86.3/19

Out: 1.915 ± 0.582 χ^2/NDF : 75.7/22

All: 1.535 ± 0.425 χ^2/NDF : 162.9/42

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 χ^2/NDF : 355890.1/16

Left Out: 3.105 ± 0.041 χ^2/NDF : 71984.4/4

Right Out: 3.362 ± 0.046 χ^2/NDF : 504811.4/17

Left In: -0.912 ± 0.047 χ^2/NDF : 3756.7/2

Left: 1.341 ± 0.031 χ^2/NDF : 79923.3/7

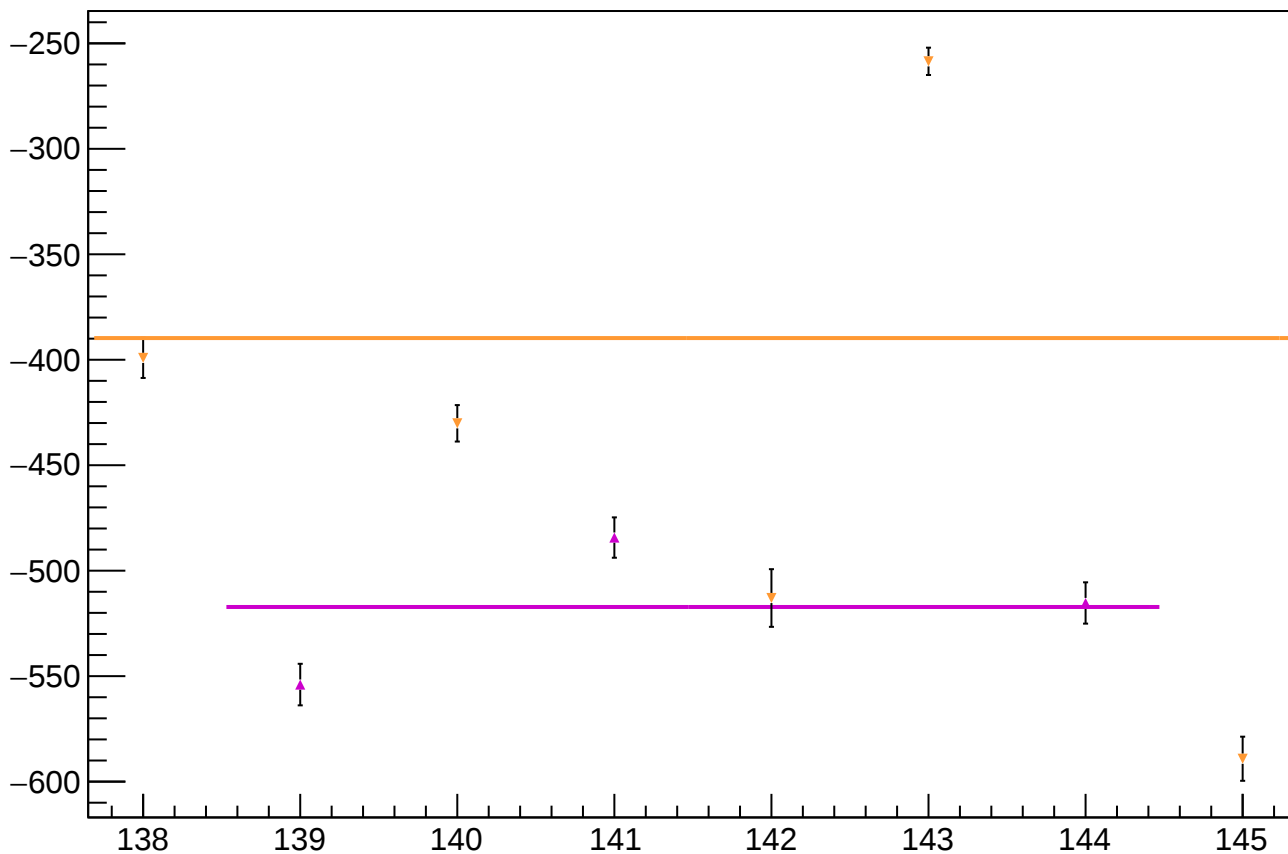
Right: 5.466 ± 0.032 χ^2/NDF : 864856.4/34

In: 3.466 ± 0.032 χ^2/NDF : 376597.9/19

Out: 3.220 ± 0.031 χ^2/NDF : 576813.2/22

All: 3.337 ± 0.022 χ^2/NDF : 953442.0/42

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: -517.208+/-5.620 χ^2/NDF :25.8/2

Left: -432.466+/-3.254 χ^2/NDF : 1245.9/7

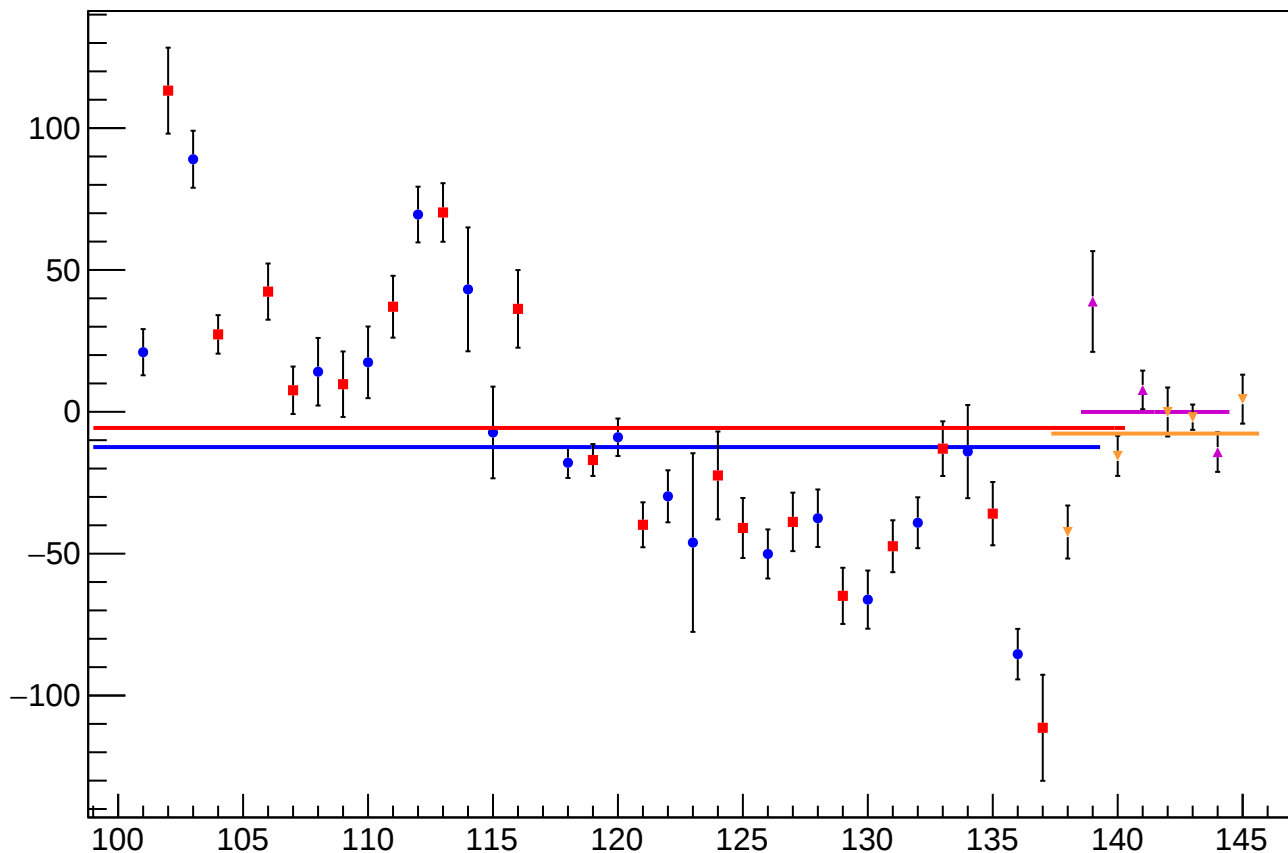
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.208+/-5.620 χ^2/NDF :25.8/2

Out: -389.721+/-3.991 χ^2/NDF :878.0/4

All: -432.466+/-3.254 χ^2/NDF : 1245.9/7

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -7.669 ± 3.034 χ^2/NDF : 19.5/4

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: -0.052 ± 4.700 χ^2/NDF : 10.2/2

Left: -5.429 ± 2.549 χ^2/NDF : 31.5/7

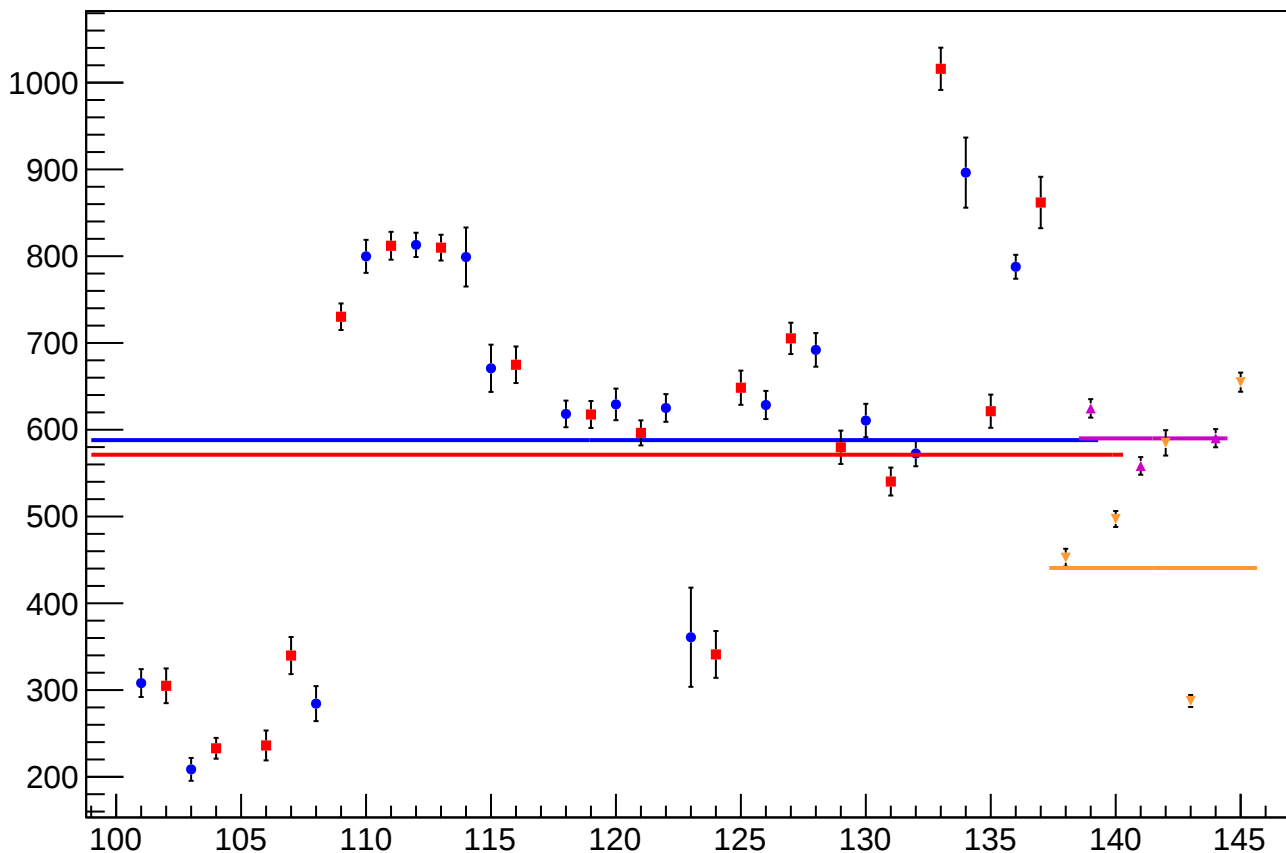
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -10.014 ± 2.077 χ^2/NDF : 356.0/19

Out: -6.395 ± 1.814 χ^2/NDF : 353.4/22

All: -7.961 ± 1.366 χ^2/NDF : 711.2/42

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: 590.025 $\pm$ 6.023 χ^2/NDF :20.2/2

Left: 490.521 $\pm$ 3.478 χ^2/NDF : 1435.5/7

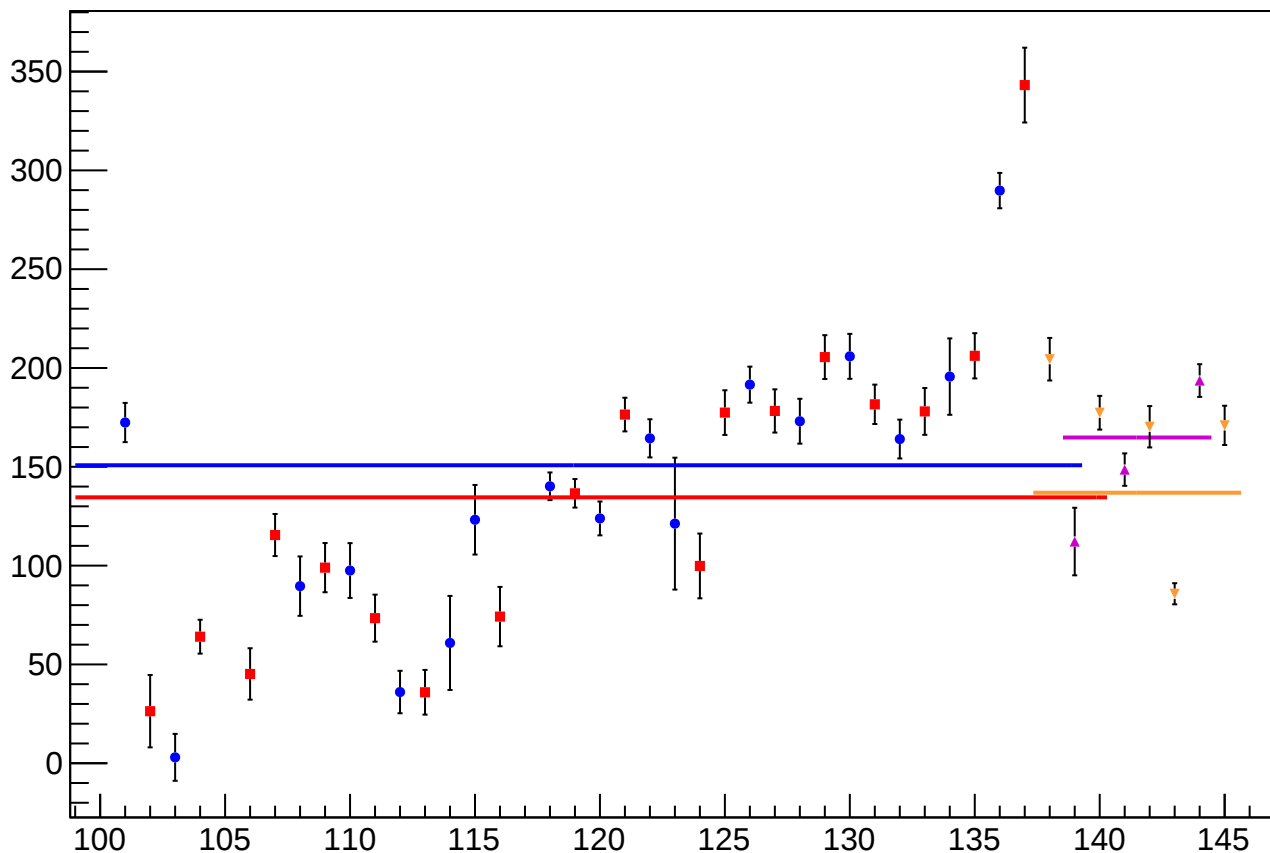
Right: 579.261 $\pm$ 2.996 χ^2/NDF : 4816.0/34

In: 588.712 $\pm$ 3.515 χ^2/NDF :2148.0/19

Out: 507.668 $\pm$ 2.973 χ^2/NDF :4167.2/22

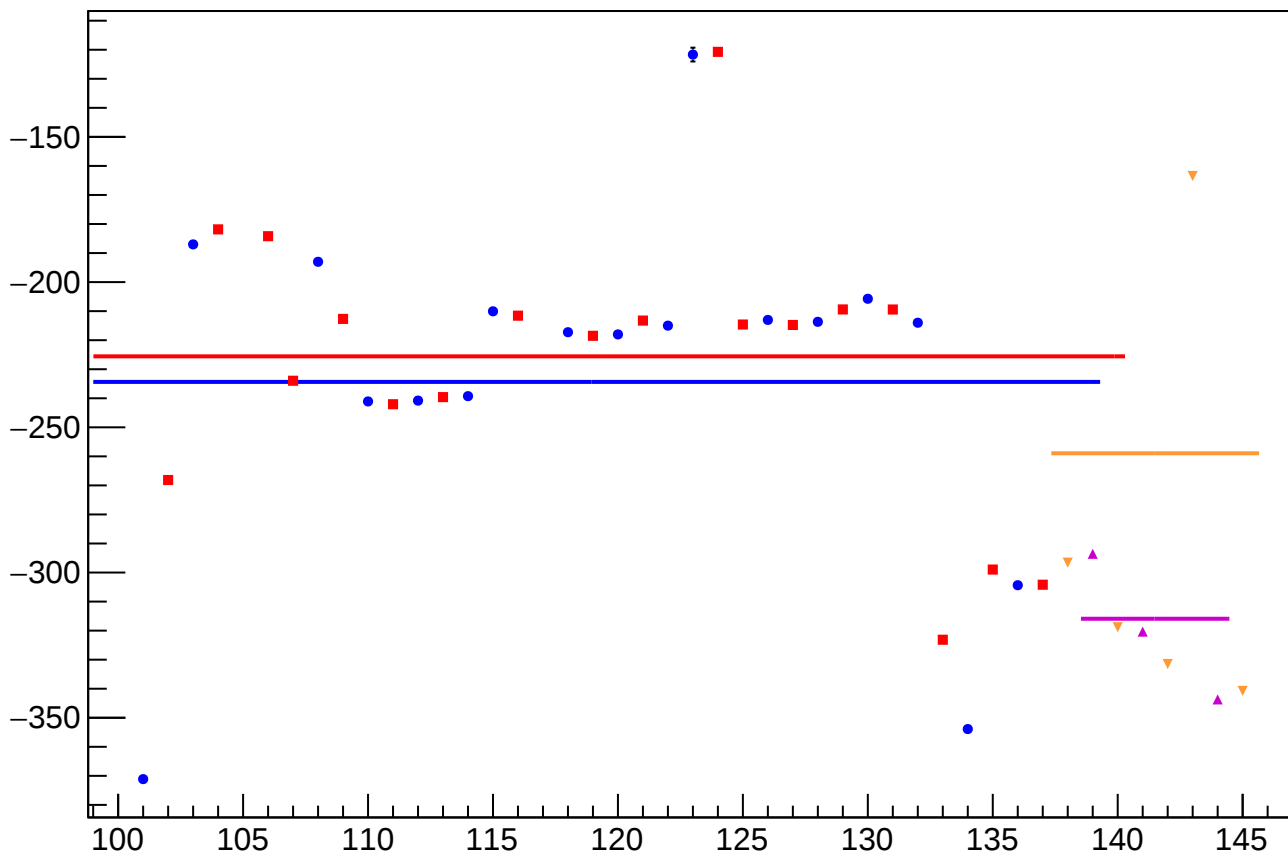
All: 541.468 $\pm$ 2.270 χ^2/NDF : 6625.2/42

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 145.276 ± 3.022 χ^2/NDF : 218.7/7
 Right: 142.483 ± 1.873 χ^2/NDF : 1228.1/34
 In: 153.465 ± 2.410 χ^2/NDF : 663.9/19
 Out: 135.355 ± 2.121 χ^2/NDF : 751.8/22
 All: 143.258 ± 1.592 χ^2/NDF : 1447.5/42

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: -315.910+/-0.238 χ^2/NDF : 7337.1/2

Left: -278.767+/-0.140 χ^2/NDF : 243796.8/7

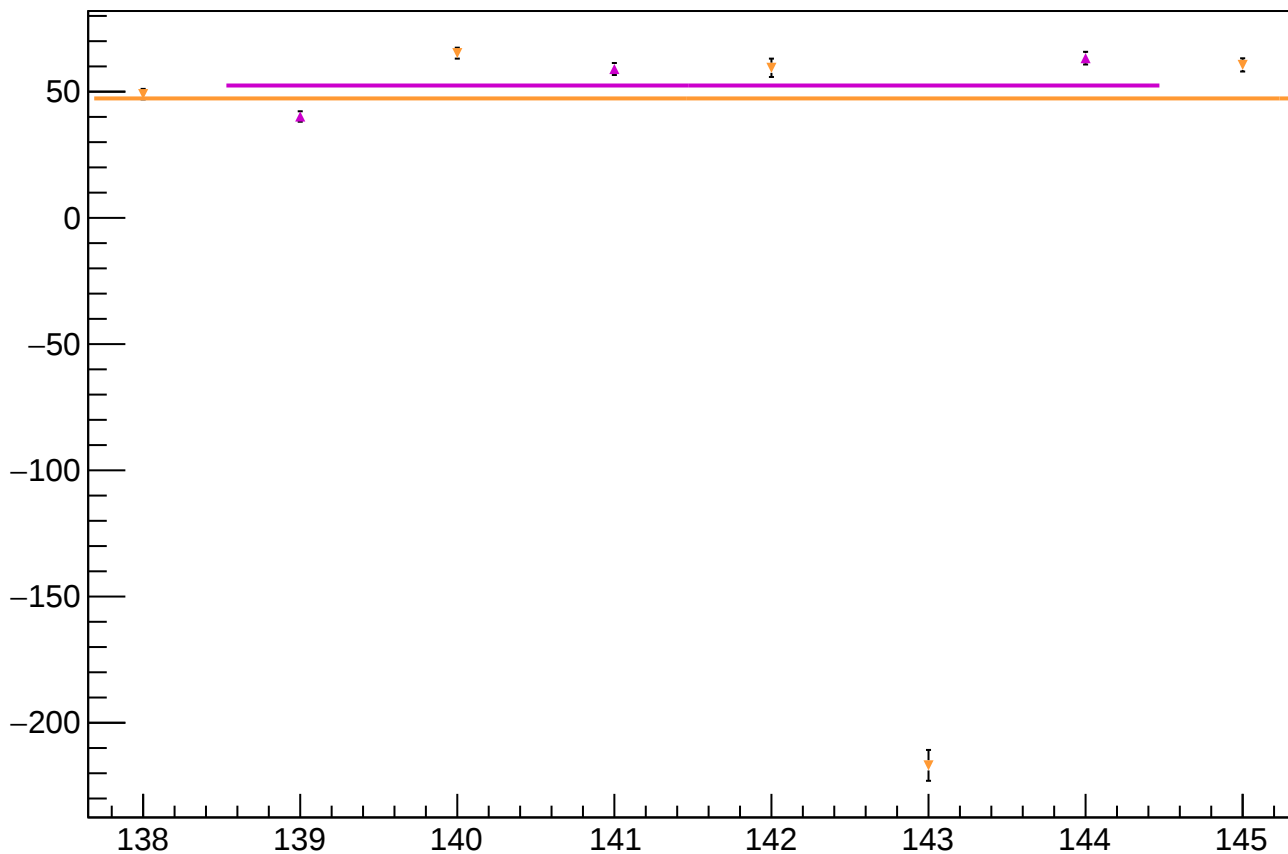
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -257.271+/-0.126 χ^2/NDF : 237245.3/19

Out: -238.940+/-0.110 χ^2/NDF : 314088.8/22

All: -246.864+/-0.083 χ^2/NDF : 563367.4/42

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: 52.438+/-1.326 χ^2/NDF :61.3/2

Left: 49.623+/-0.890 χ^2/NDF : 2044.1/7

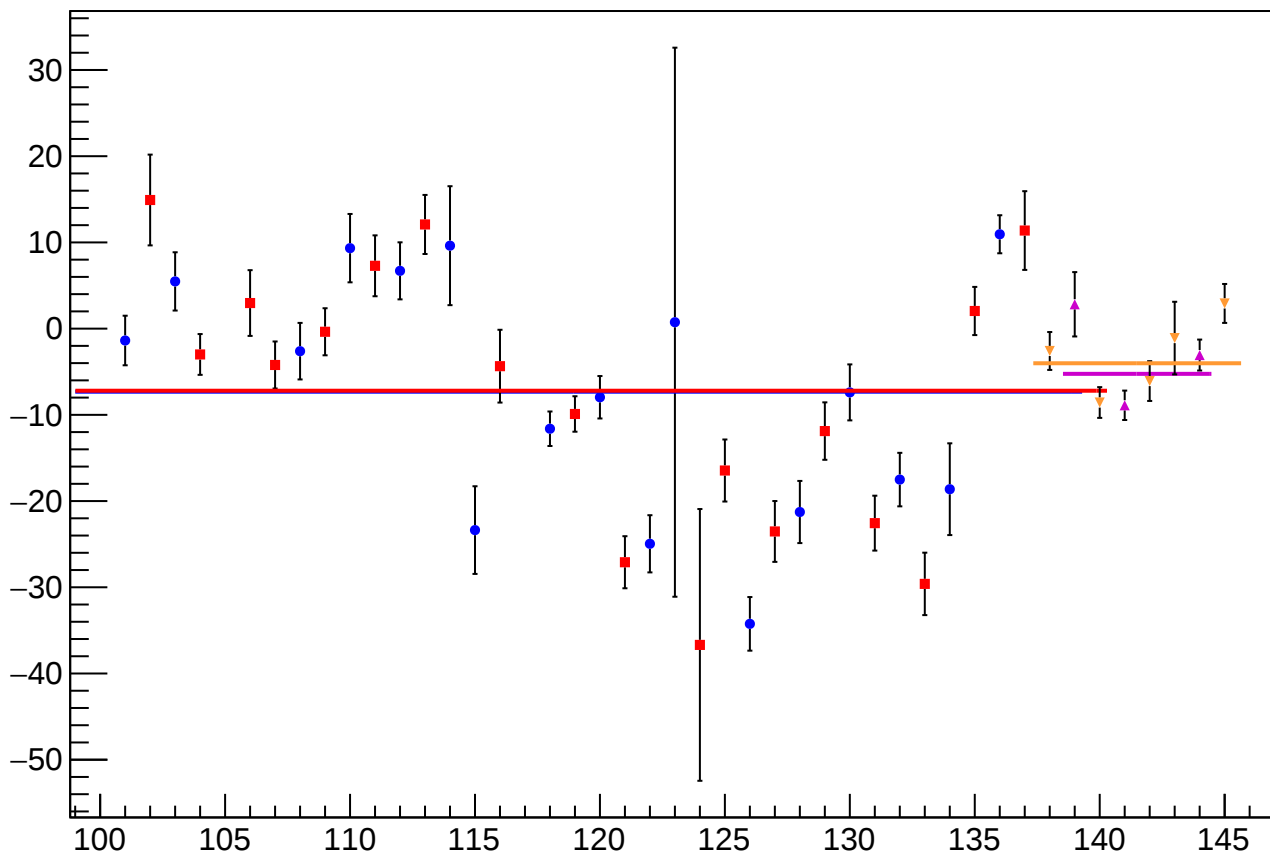
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 52.438+/-1.326 χ^2/NDF :61.3/2

Out: 47.319+/-1.200 χ^2/NDF :1974.5/4

All: 49.623+/-0.890 χ^2/NDF : 2044.1/7

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: -5.244 ± 1.174 χ^2/NDF : 10.7/2

Left: -4.544 ± 0.770 χ^2/NDF : 29.0/7

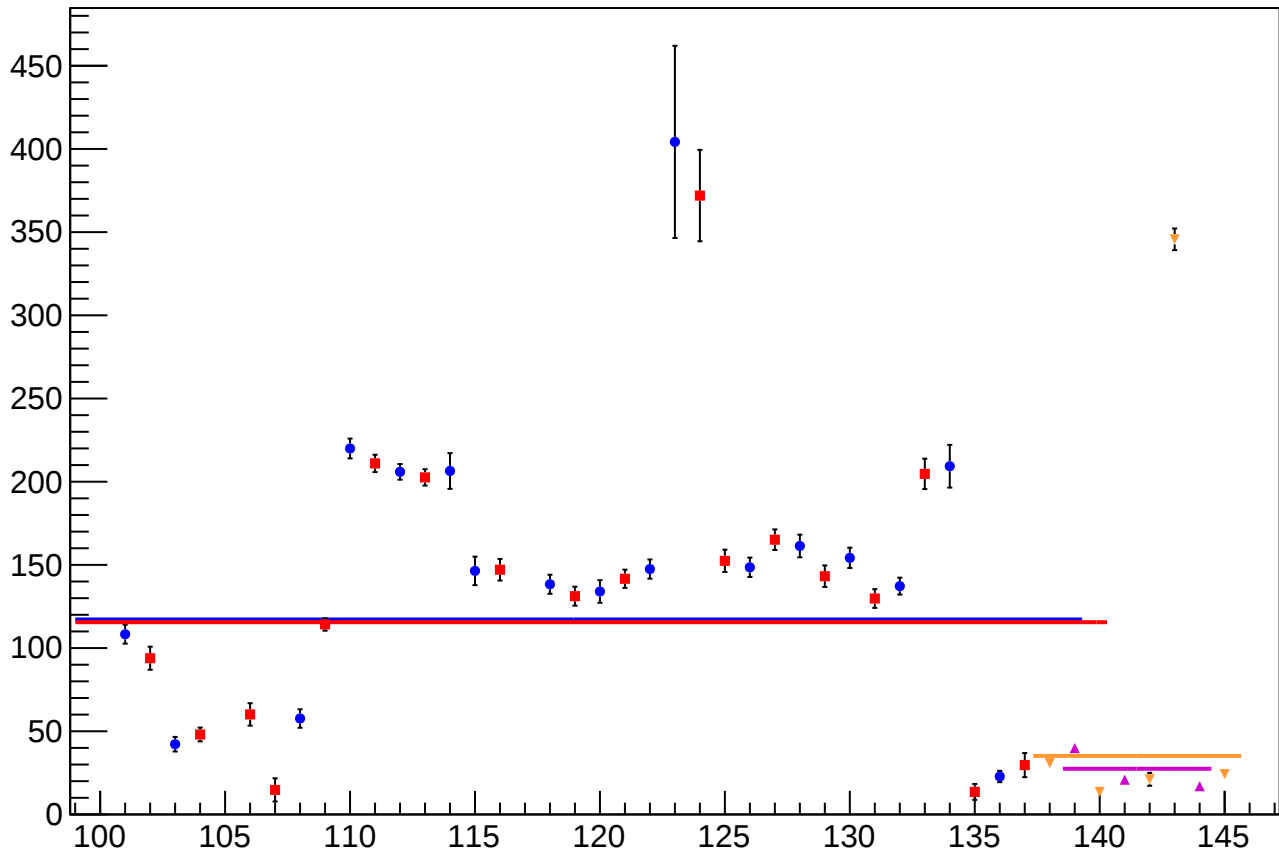
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -6.679 ± 0.650 χ^2/NDF : 292.0/19

Out: -6.061 ± 0.610 χ^2/NDF : 276.0/22

All: -6.351 ± 0.445 χ^2/NDF : 568.5/42

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 35.191 $\pm$ 1.280 χ^2 /NDF:2389.8/4

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 27.465 $\pm$ 1.423 χ^2 /NDF:52.7/2

Left: 31.735 $\pm$ 0.952 χ^2 /NDF: 2458.9/7

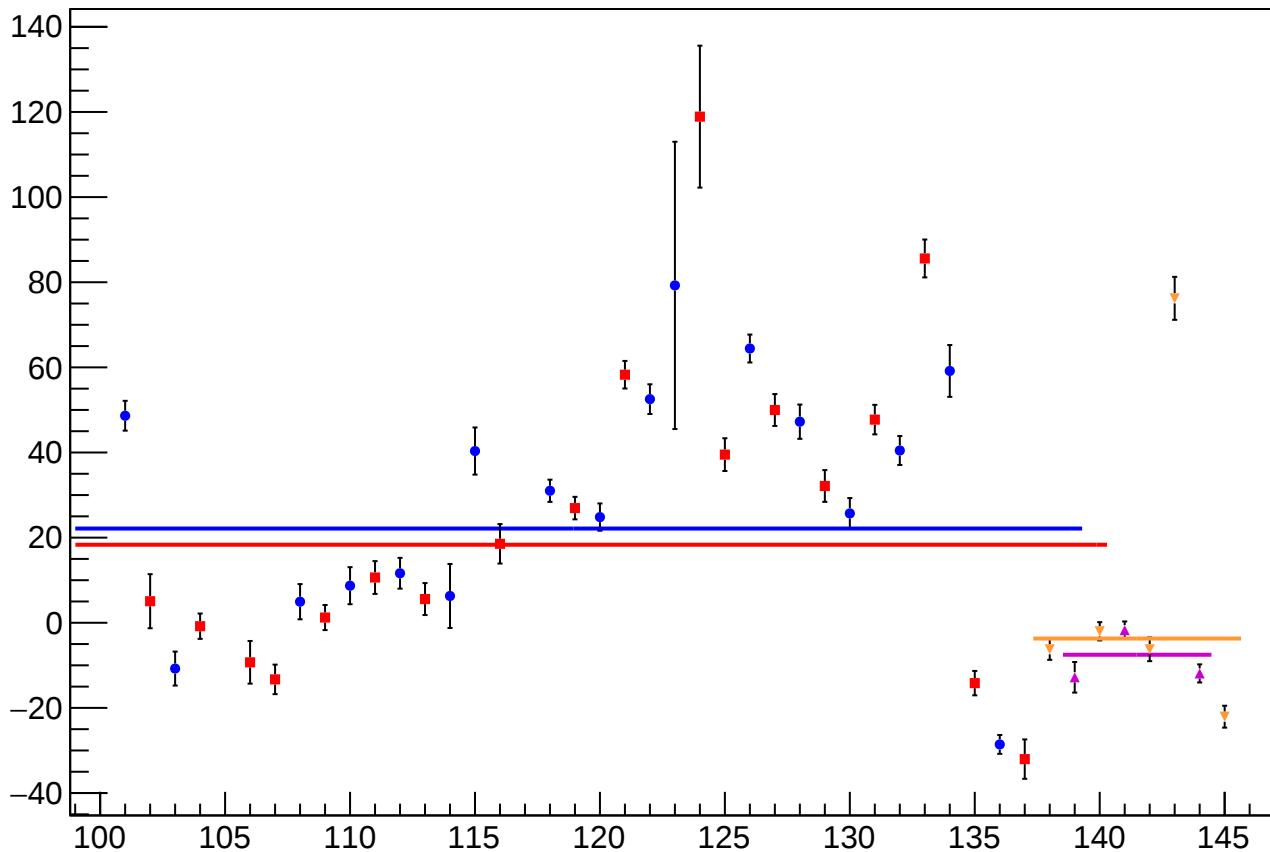
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 72.689 $\pm$ 1.002 χ^2 /NDF:4216.0/19

Out: 72.850 $\pm$ 0.933 χ^2 /NDF:6385.9/22

All: 72.775 $\pm$ 0.683 χ^2 /NDF: 10601.9/42

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -3.704 $\pm$ 1.196 χ^2 /NDF:304.0/4

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -7.514 $\pm$ 1.364 χ^2 /NDF:14.4/2

Left: -5.360 $\pm$ 0.899 χ^2 /NDF: 322.9/7

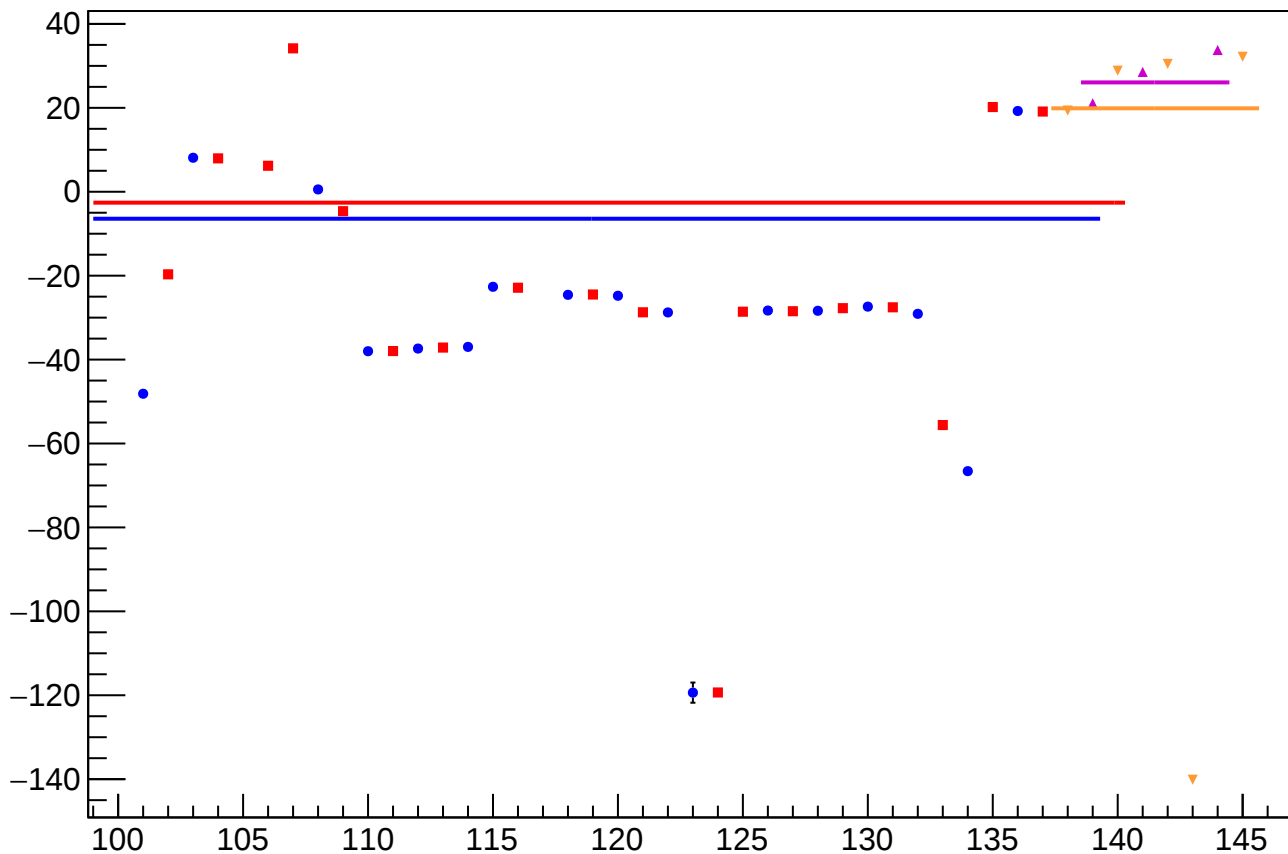
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 13.264 $\pm$ 0.746 χ^2 /NDF:1409.8/19

Out: 10.682 $\pm$ 0.705 χ^2 /NDF:1596.0/22

All: 11.900 $\pm$ 0.512 χ^2 /NDF: 3012.1/42

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: 26.060 $\pm$ 0.055 χ^2 /NDF: 8879.4/2

Left: 22.783 $\pm$ 0.038 χ^2 /NDF: 413306.7/7

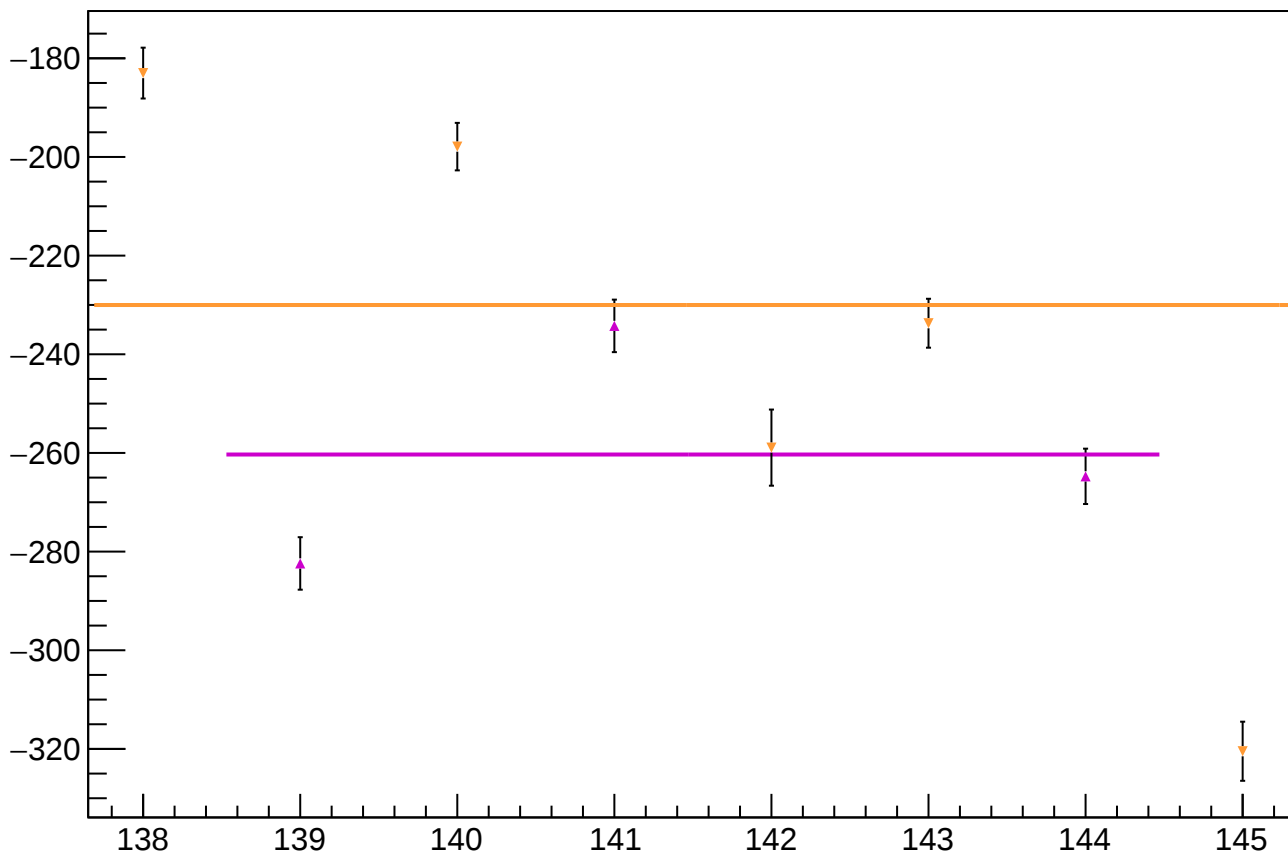
Right: -4.494 $\pm$ 0.033 χ^2 /NDF: 532217.8/34

In: 6.990 $\pm$ 0.035 χ^2 /NDF: 478169.6/19

Out: 7.260 $\pm$ 0.034 χ^2 /NDF: 767099.7/22

All: 7.129 $\pm$ 0.025 χ^2 /NDF: 1245299.2/42

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: -260.320+/-3.125 χ^2/NDF :41.8/2

Left: -241.569+/-1.930 χ^2/NDF : 470.3/7

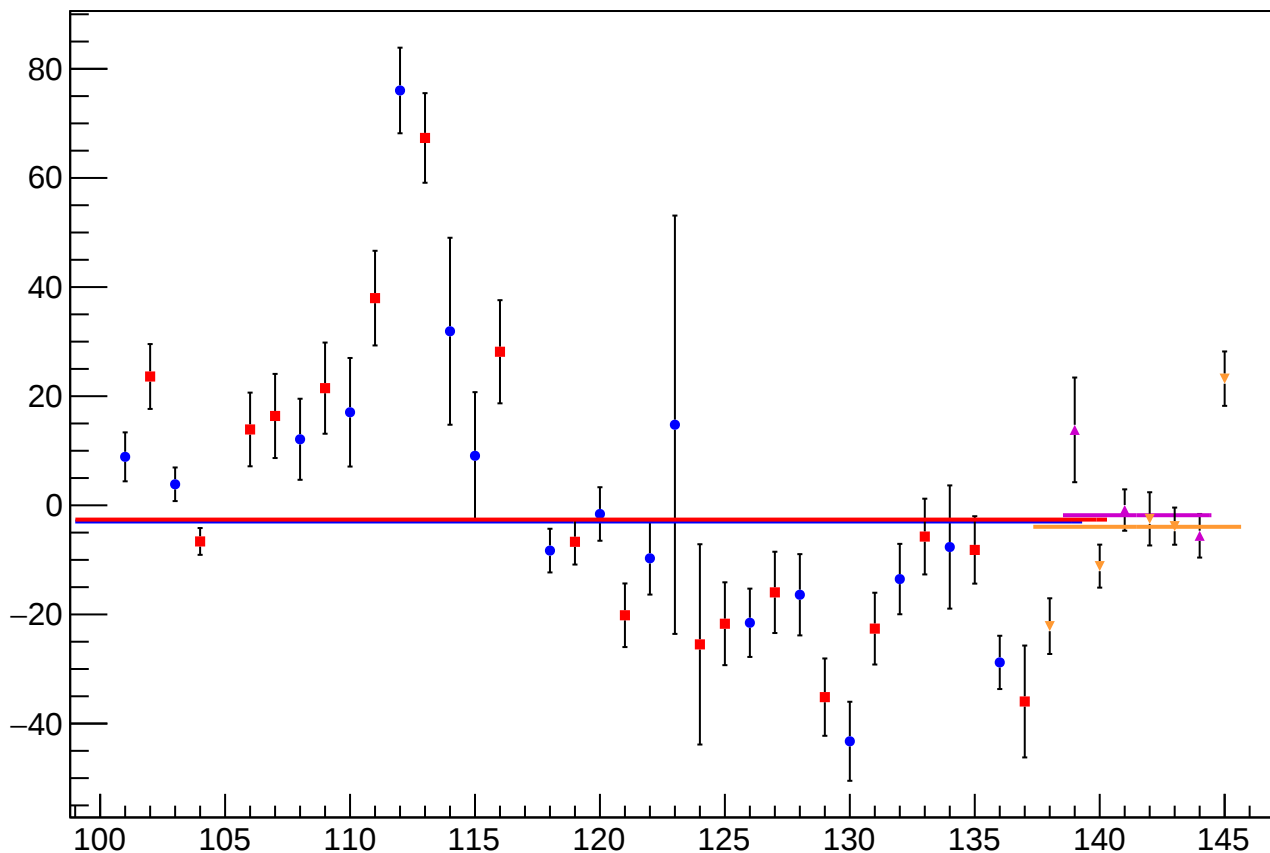
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -260.320+/-3.125 χ^2/NDF :41.8/2

Out: -230.014+/-2.453 χ^2/NDF :370.3/4

All: -241.569+/-1.930 χ^2/NDF : 470.3/7

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: -1.815 ± 2.644 χ^2/NDF : 3.6/2

Left: -3.205 ± 1.554 χ^2/NDF : 49.8/7

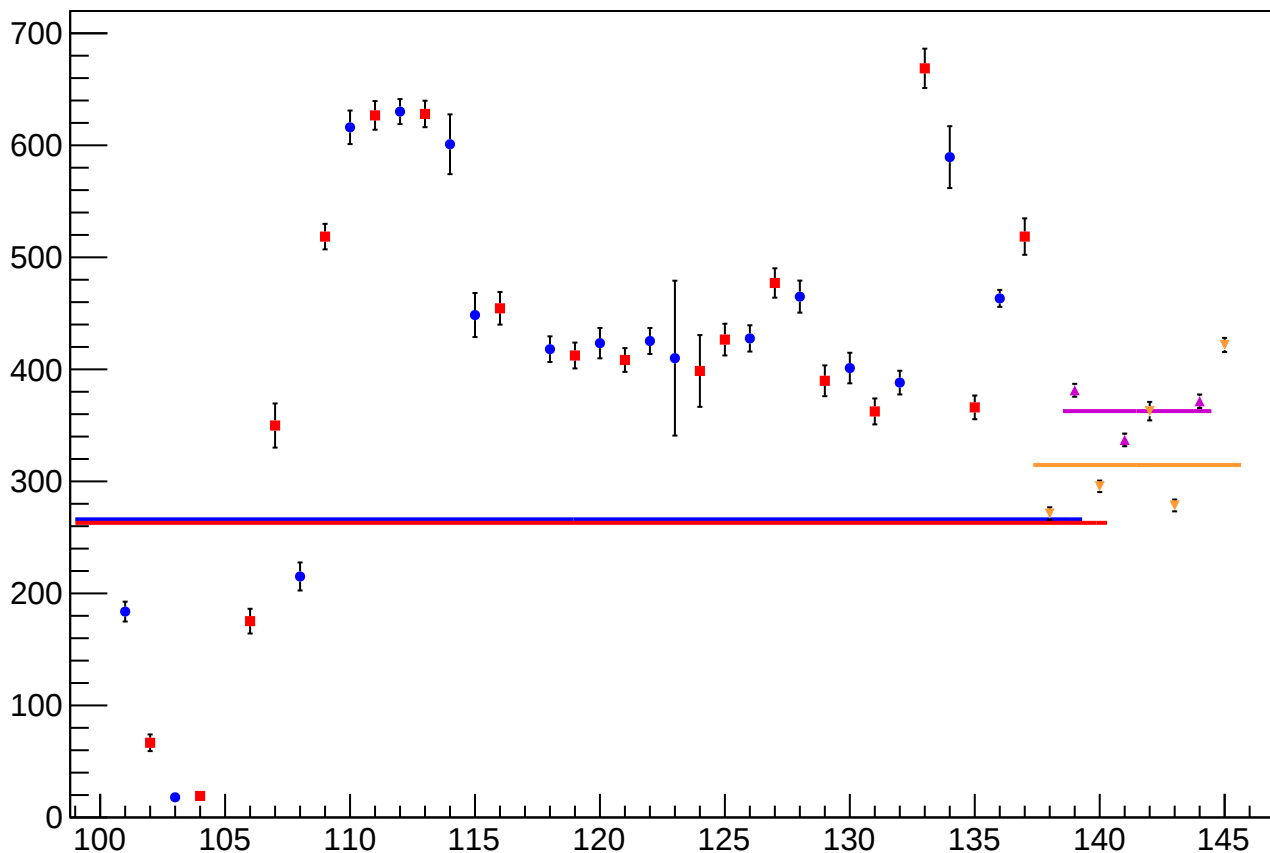
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: -2.698 ± 1.273 χ^2/NDF : 207.3/19

Out: -3.074 ± 1.131 χ^2/NDF : 256.6/22

All: -2.908 ± 0.845 χ^2/NDF : 463.9/42

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: 362.739 $\pm$ 3.350 χ^2 /NDF:33.2/2

Left: 332.904 $\pm$ 2.063 χ^2 /NDF: 605.6/7

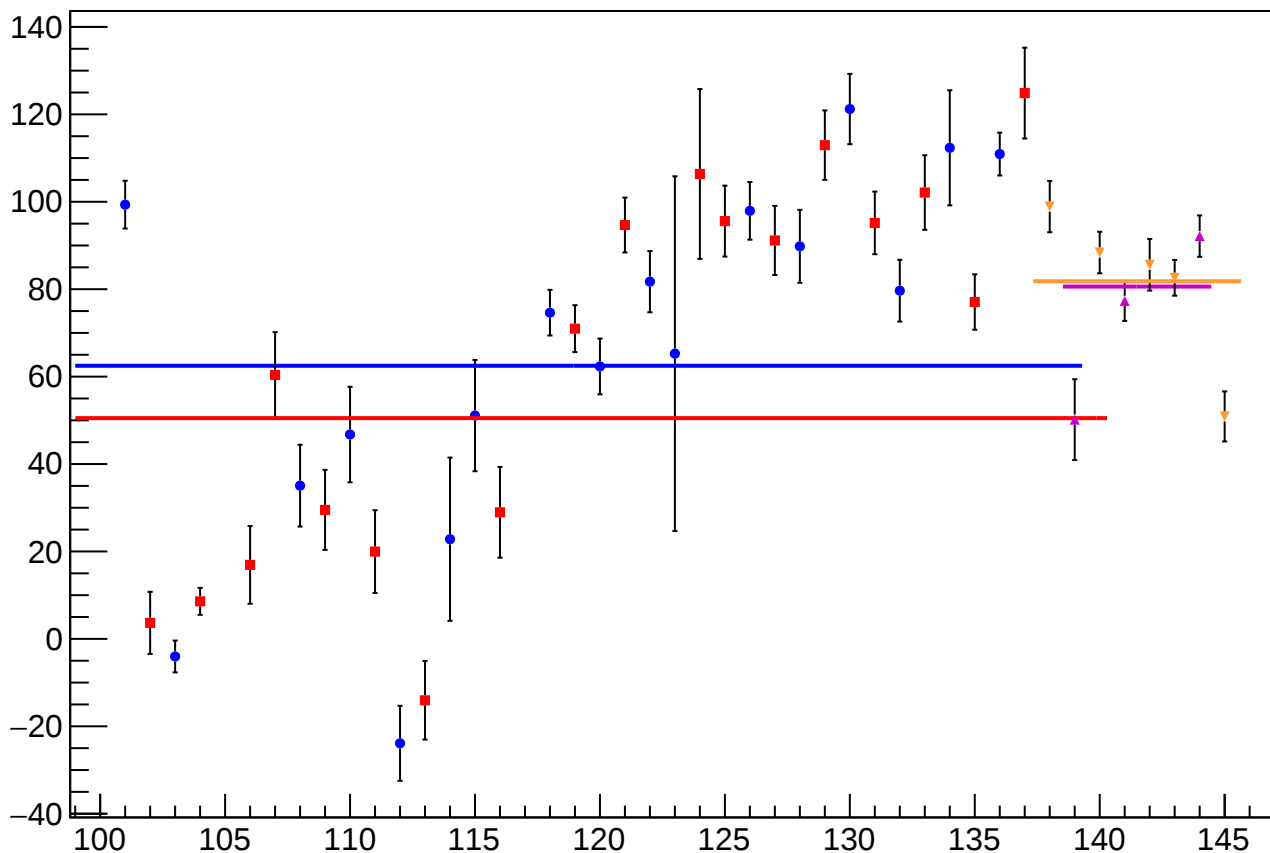
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 300.324 $\pm$ 1.993 χ^2 /NDF:8214.7/19

Out: 287.286 $\pm$ 1.796 χ^2 /NDF:8822.8/22

All: 293.127 $\pm$ 1.334 χ^2 /NDF: 17061.1/42

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 81.820 ± 2.281 $\chi^2/\text{NDF}: 39.9/4$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 80.599 ± 3.099 $\chi^2/\text{NDF}: 17.3/2$

Left: 81.391 ± 1.837 $\chi^2/\text{NDF}: 57.3/7$

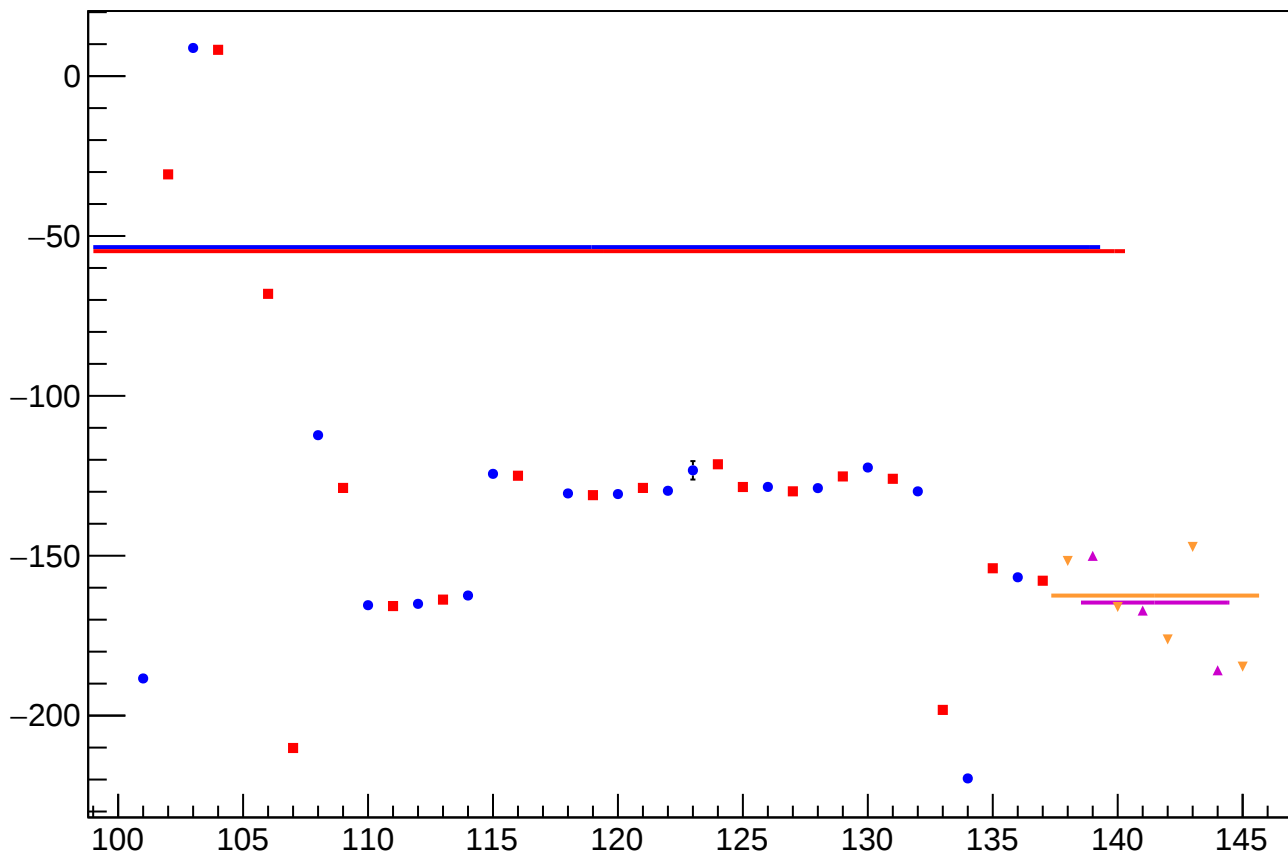
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 66.604 ± 1.478 $\chi^2/\text{NDF}: 764.5/19$

Out: 61.214 ± 1.334 $\chi^2/\text{NDF}: 814.5/22$

All: 63.634 ± 0.990 $\chi^2/\text{NDF}: 1586.4/42$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -162.462+/-0.107 χ^2/NDF : 17444.5/4

Right Out: -54.748+/-0.072 χ^2/NDF : 952446.3/17

Left In: -164.648+/-0.132 χ^2/NDF : 11792.9/2

Left: -163.331+/-0.083 χ^2/NDF : 29403.6/7

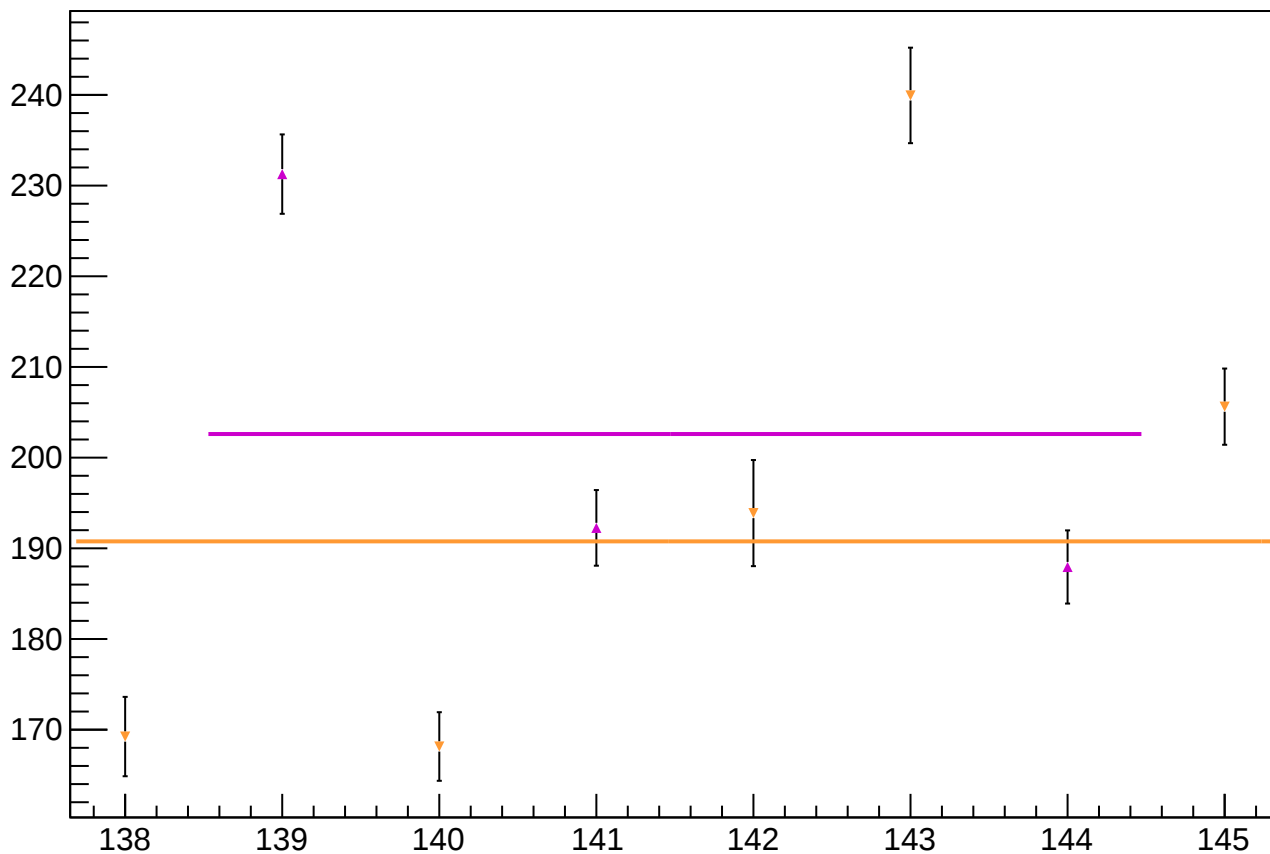
Right: -54.098+/-0.050 χ^2/NDF : 2181335.1/34

In: -78.161+/-0.062 χ^2/NDF : 1795541.1/19

Out: -88.455+/-0.060 χ^2/NDF : 1667702.9/22

All: -83.496+/-0.043 χ^2/NDF : 3477523.6/42

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 190.766+/-2.024 χ^2/NDF :159.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 202.604+/-2.418 χ^2/NDF :62.2/2

Left: 195.645+/-1.552 χ^2/NDF : 236.3/7

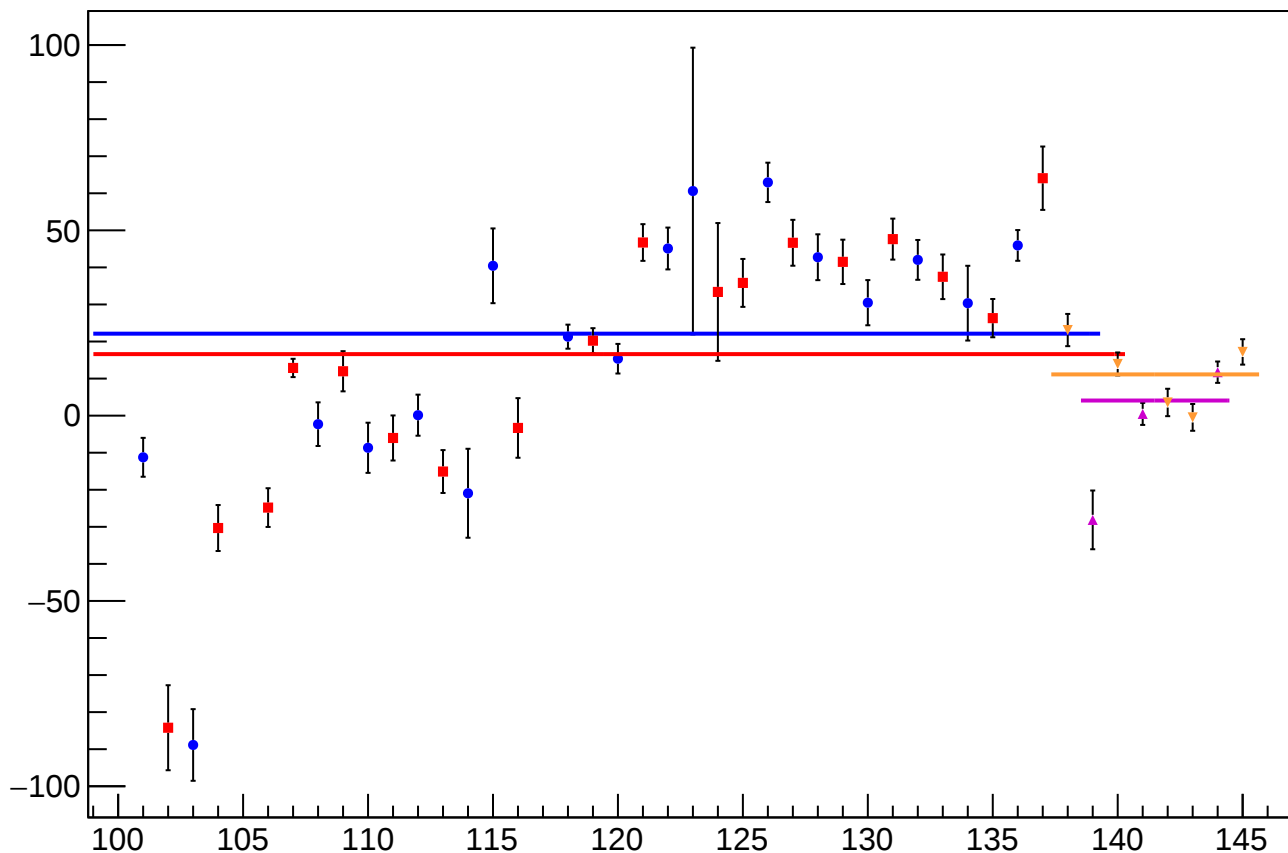
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.604+/-2.418 χ^2/NDF :62.2/2

Out: 190.766+/-2.024 χ^2/NDF :159.9/4

All: 195.645+/-1.552 χ^2/NDF : 236.3/7

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: 4.080 $\pm$ 2.003 χ^2 /NDF: 25.0/2

Left: 8.387 $\pm$ 1.249 χ^2 /NDF: 58.6/7

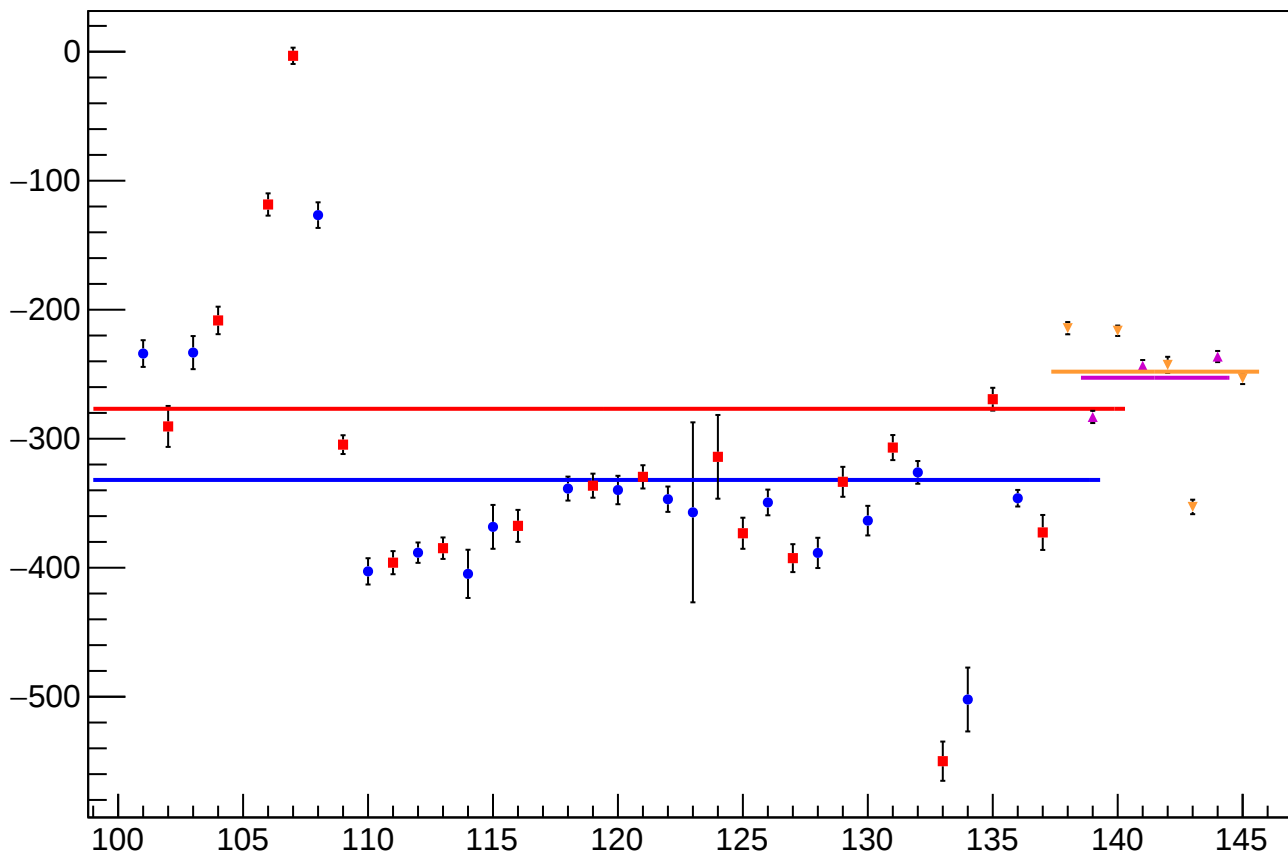
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 16.332 $\pm$ 1.134 χ^2 /NDF: 462.1/19

Out: 14.567 $\pm$ 0.974 χ^2 /NDF: 450.2/22

All: 15.316 $\pm$ 0.739 χ^2 /NDF: 913.7/42

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -248.015 ± 2.163 $\chi^2/\text{NDF}: 463.1/4$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -252.734 ± 2.590 $\chi^2/\text{NDF}: 60.0/2$

Left: -249.954 ± 1.660 $\chi^2/\text{NDF}: 525.0/7$

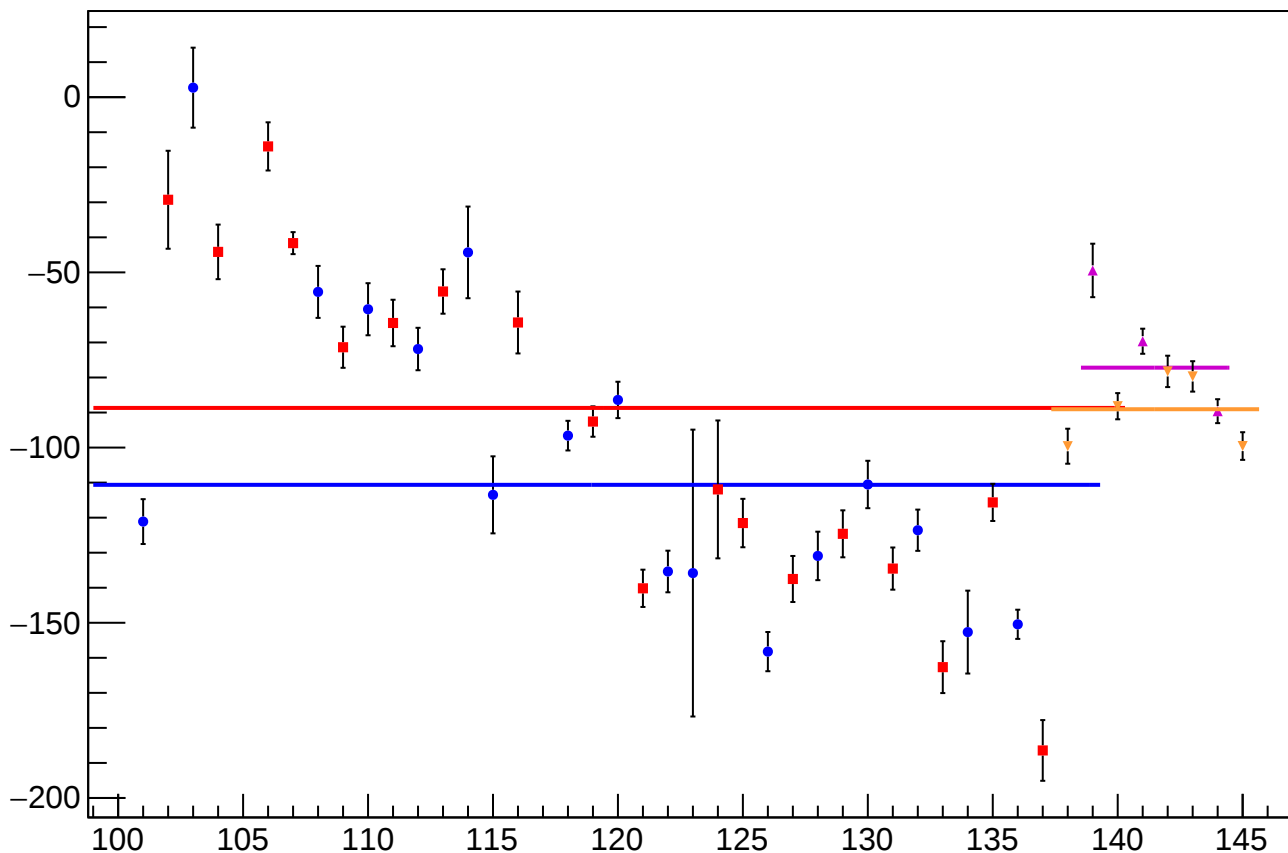
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -292.699 ± 1.823 $\chi^2/\text{NDF}: 1317.4/19$

Out: -261.346 ± 1.585 $\chi^2/\text{NDF}: 3875.5/22$

All: -274.841 ± 1.196 $\chi^2/\text{NDF}: 5361.2/42$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -89.056+/-1.894 χ^2/NDF : 22.1/4

Right Out: -88.683+/-1.434 χ^2/NDF : 964.0/17

Left In: -77.193+/-2.351 χ^2/NDF : 30.9/2

Left: -84.387+/-1.475 χ^2/NDF : 68.4/7

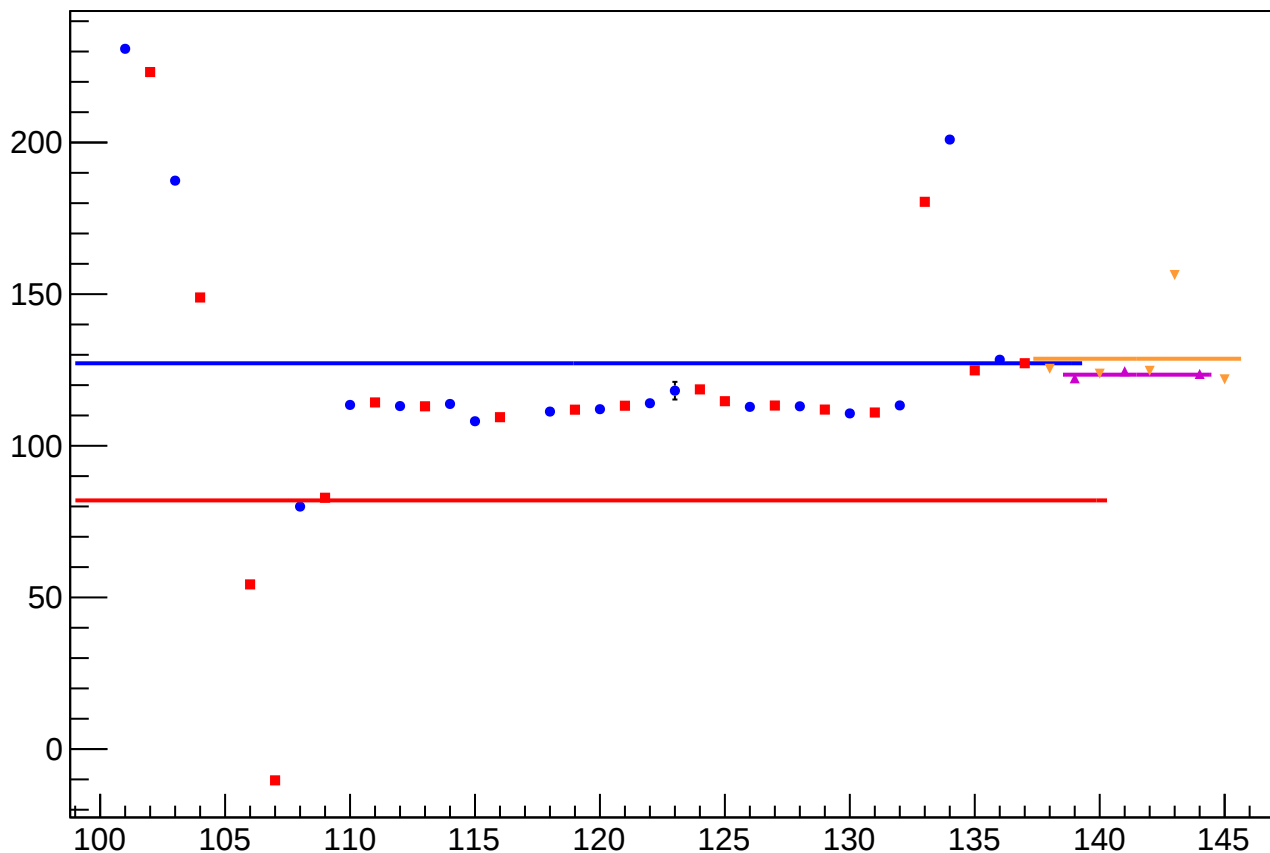
Right: -98.593+/-1.062 χ^2/NDF : 1578.5/34

In: -100.218+/-1.312 χ^2/NDF : 679.0/19

Out: -88.819+/-1.143 χ^2/NDF : 986.1/22

All: -93.740+/-0.862 χ^2/NDF : 1708.0/42

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: 123.448 $\pm$ 0.103 χ^2 /NDF: 93.2/2

Left: 126.476 $\pm$ 0.067 χ^2 /NDF: 19328.6/7

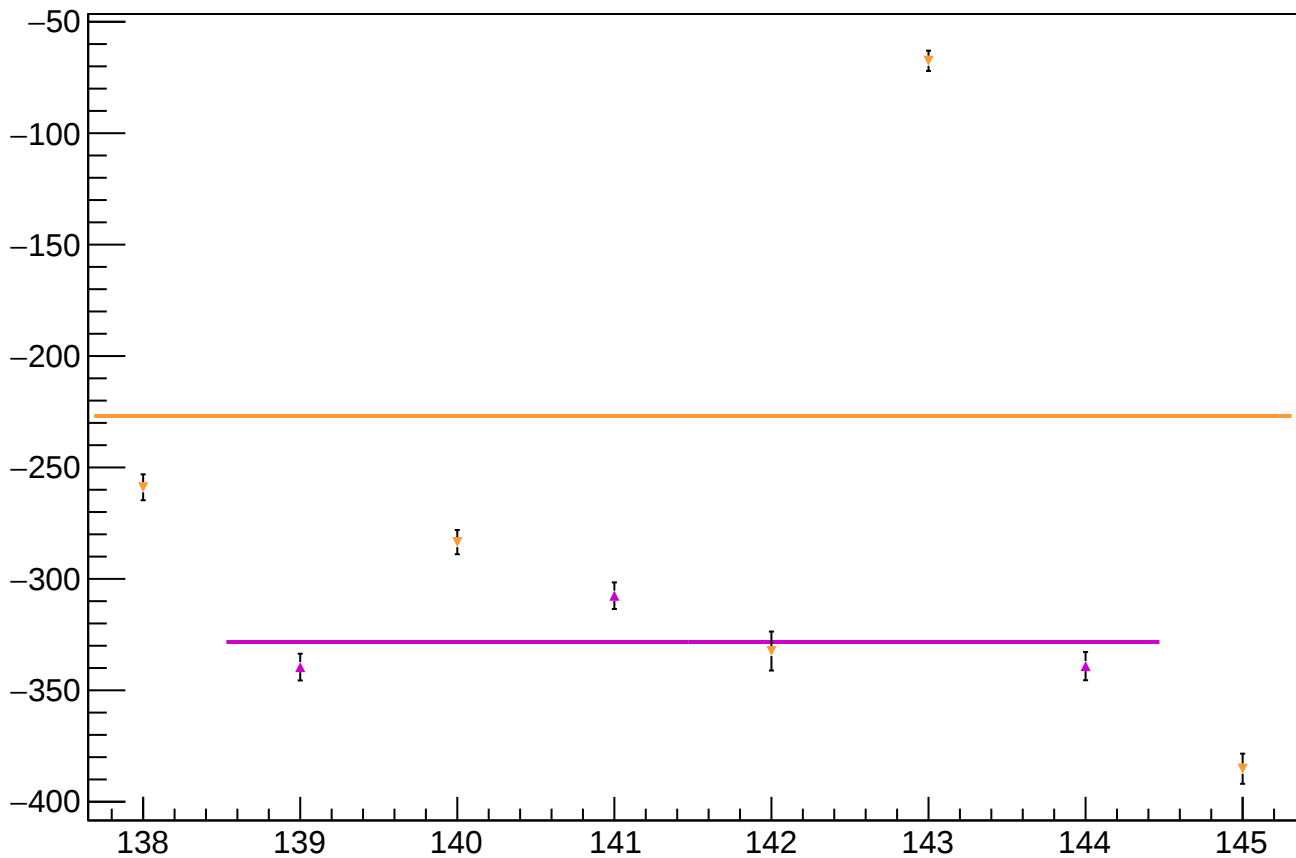
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 125.591 $\pm$ 0.067 χ^2 /NDF: 188882.4/19

Out: 101.741 $\pm$ 0.057 χ^2 /NDF: 929442.3/22

All: 111.770 $\pm$ 0.044 χ^2 /NDF: 1191046.5/42

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: -328.324+/-3.520 χ^2/NDF :18.5/2

Left: -262.912+/-2.097 χ^2/NDF : 2613.2/7

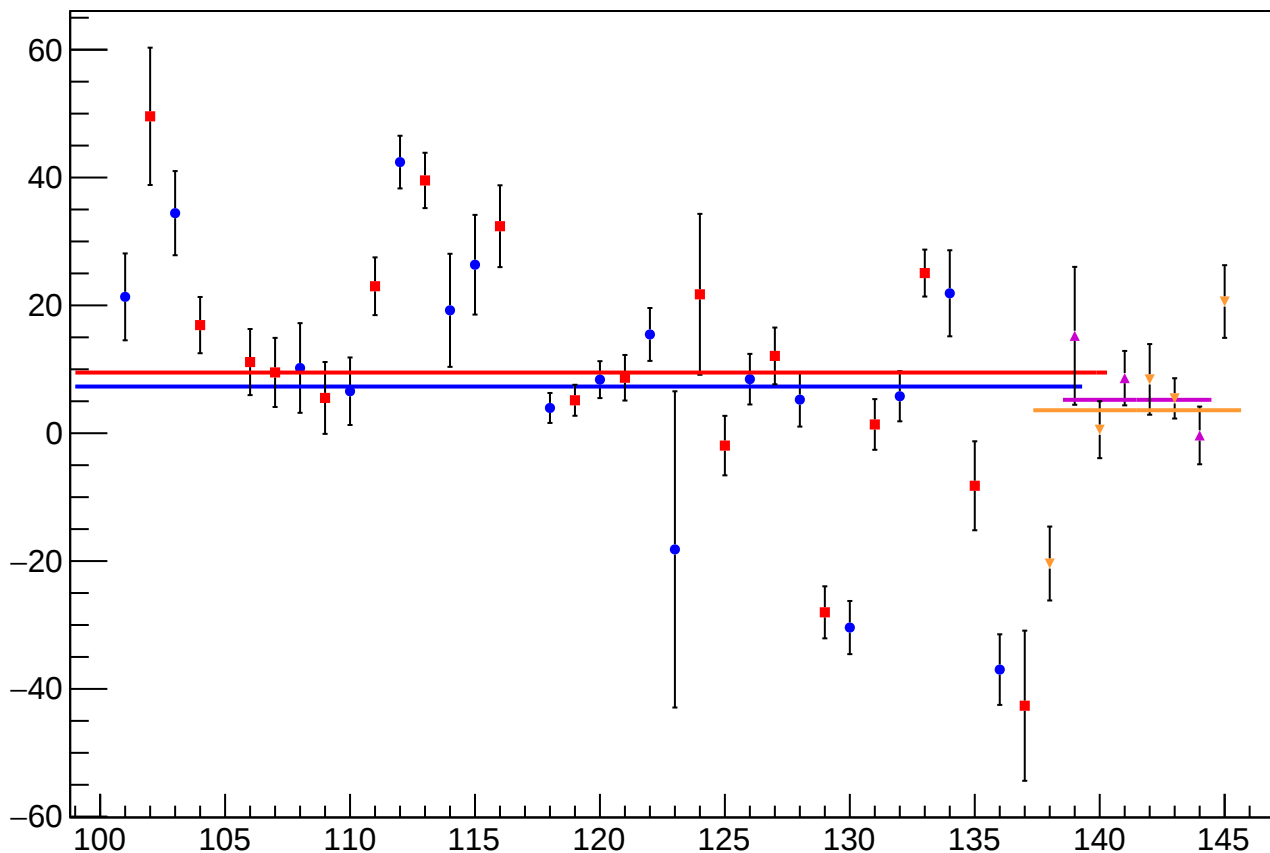
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -328.324+/-3.520 χ^2/NDF :18.5/2

Out: -226.898+/-2.612 χ^2/NDF :2059.1/4

All: -262.912+/-2.097 χ^2/NDF : 2613.2/7

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: 5.225 ± 2.977 $\chi^2/\text{NDF}: 3.0/2$

Left: 4.111 ± 1.672 $\chi^2/\text{NDF}: 31.0/7$

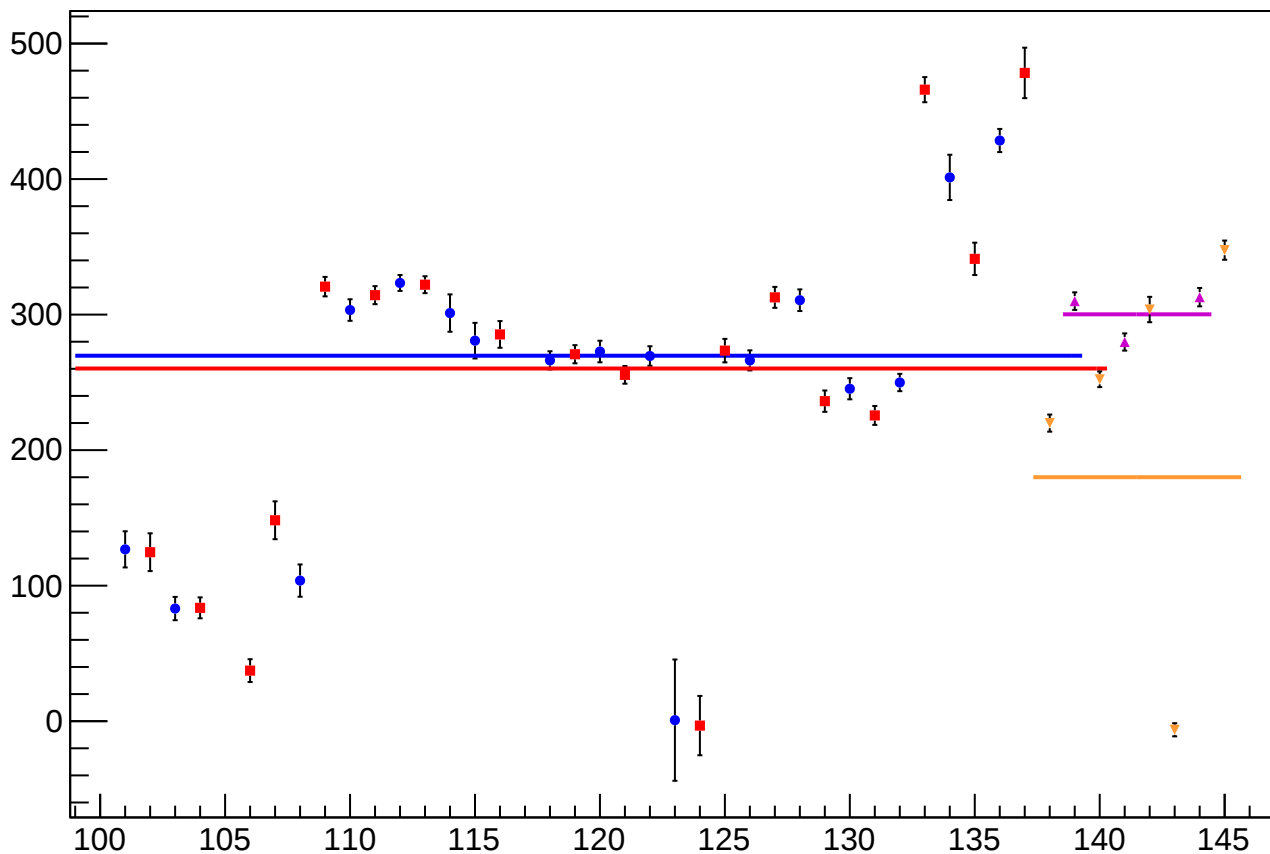
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 7.059 ± 1.020 $\chi^2/\text{NDF}: 264.1/19$

Out: 8.197 ± 0.948 $\chi^2/\text{NDF}: 265.5/22$

All: 7.669 ± 0.694 $\chi^2/\text{NDF}: 530.3/42$

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: 300.207 $\pm$ 3.773 χ^2 /NDF:16.1/2

Left: 222.443 $\pm$ 2.241 χ^2 /NDF: 3077.8/7

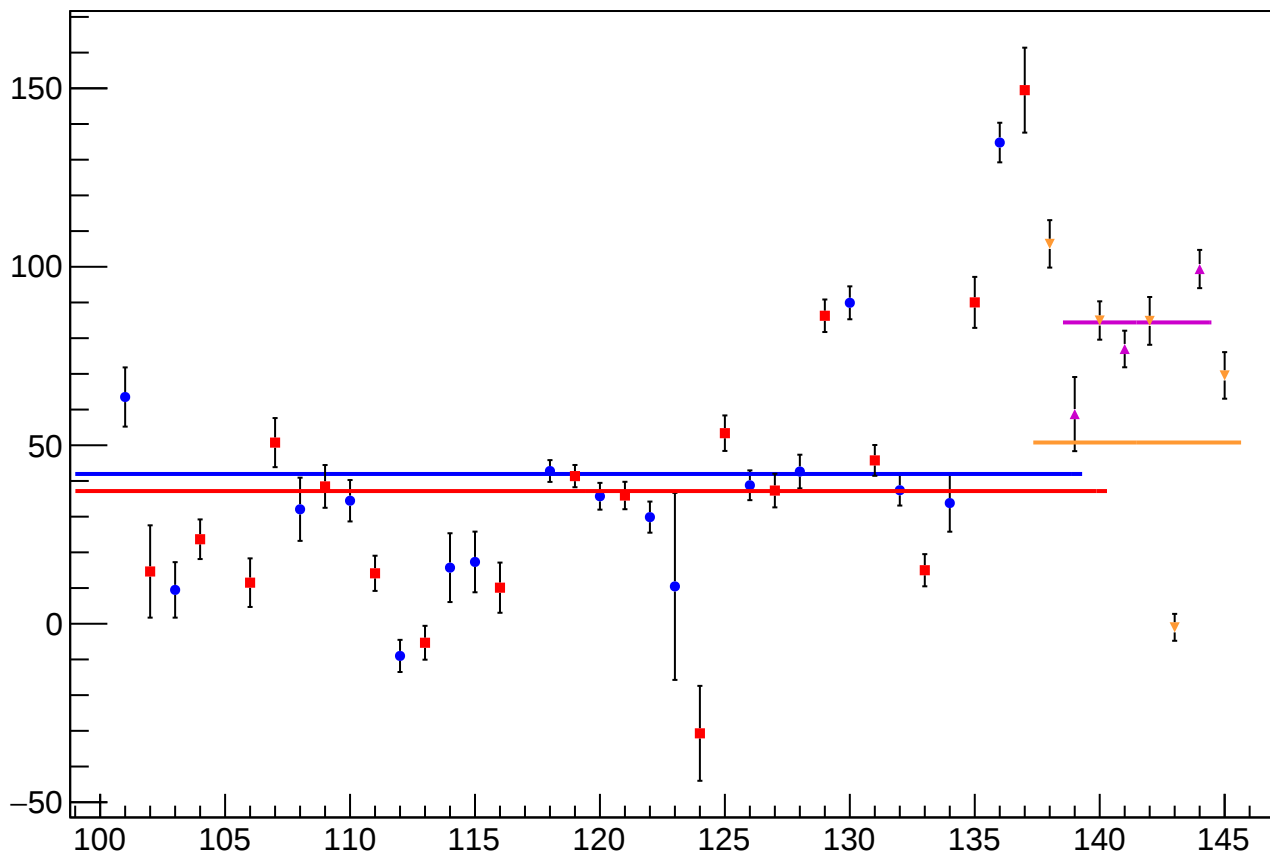
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 276.763 $\pm$ 1.819 χ^2 /NDF:1443.0/19

Out: 233.339 $\pm$ 1.613 χ^2 /NDF:5483.8/22

All: 252.460 $\pm$ 1.207 χ^2 /NDF: 7245.8/42

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 50.775+/-2.401 χ^2/NDF : 333.5/4

Right Out: 37.171+/-1.236 χ^2/NDF : 470.9/17

Left In: 84.413+/-3.488 χ^2/NDF : 16.0/2

Left: 61.589+/-1.978 χ^2/NDF : 412.7/7

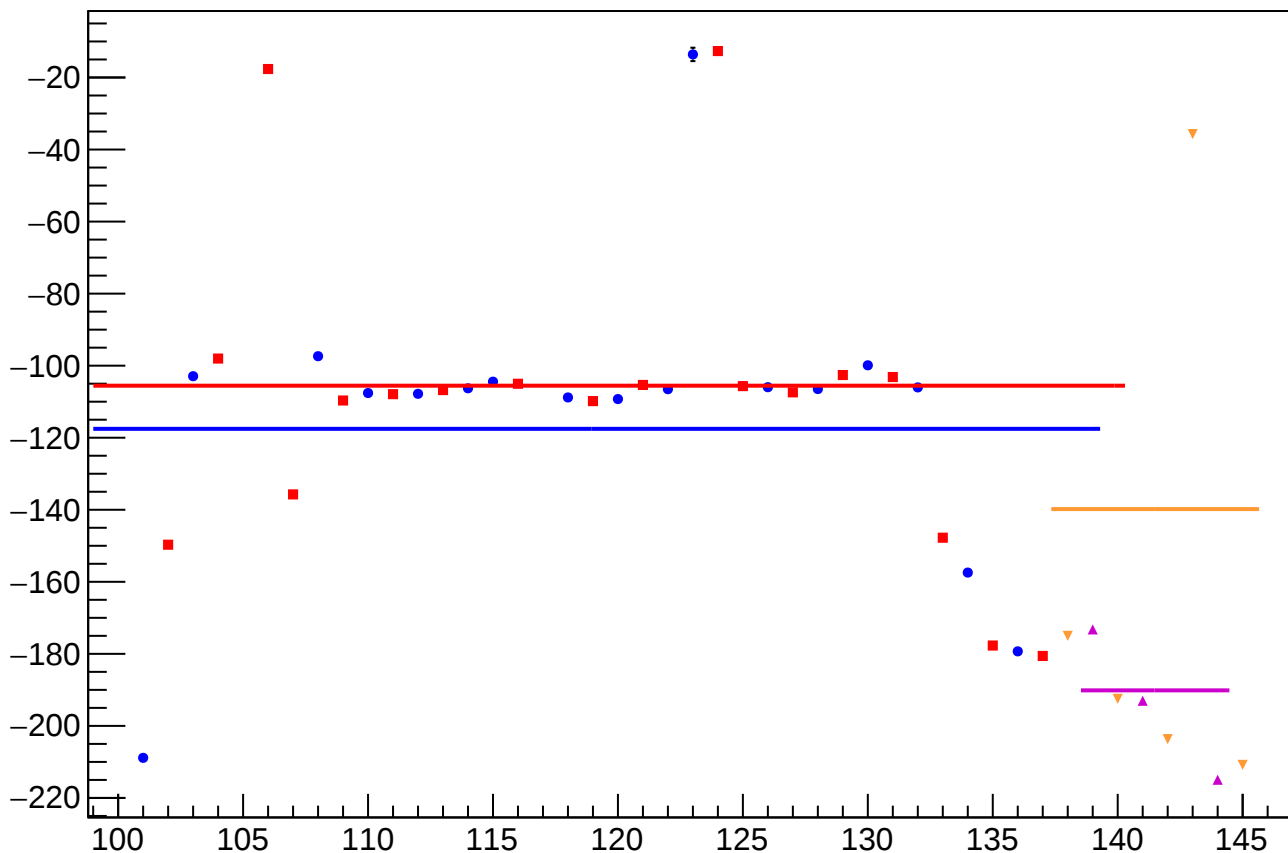
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/34

In: 46.848+/-1.184 χ^2/NDF : 721.4/19

Out: 40.022+/-1.099 χ^2/NDF : 829.8/22

All: 43.182+/-0.805 χ^2/NDF : 1569.0/42

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: -190.136+/-0.148 χ^2/NDF : 12595.8/2

Left: -158.424+/-0.090 χ^2/NDF : 526882.8/7

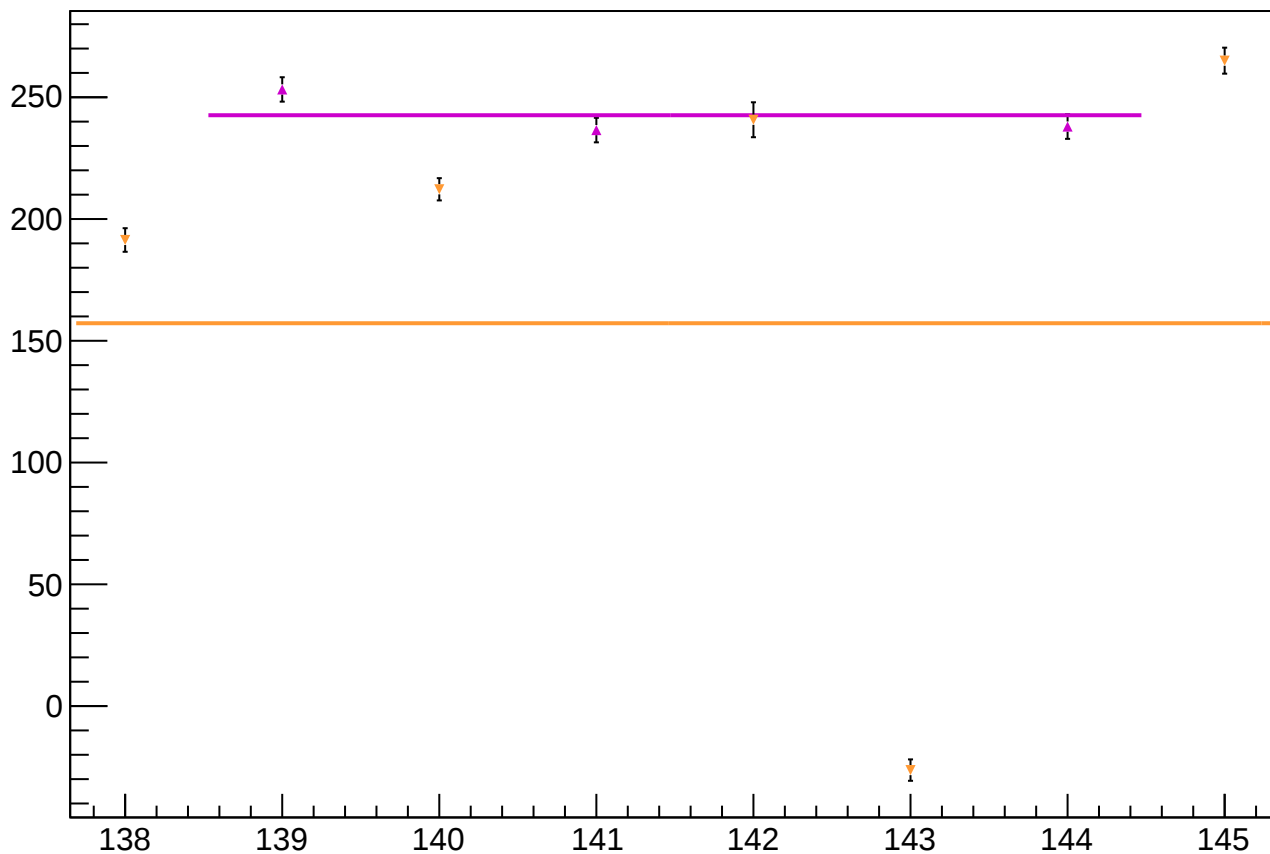
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -133.345+/-0.069 χ^2/NDF : 342720.1/19

Out: -115.561+/-0.061 χ^2/NDF : 823455.9/22

All: -123.395+/-0.046 χ^2/NDF : 1203238.9/42

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: 242.623+/-2.907 χ^2/NDF :6.8/2

Left: 189.278+/-1.781 χ^2/NDF : 3027.4/7

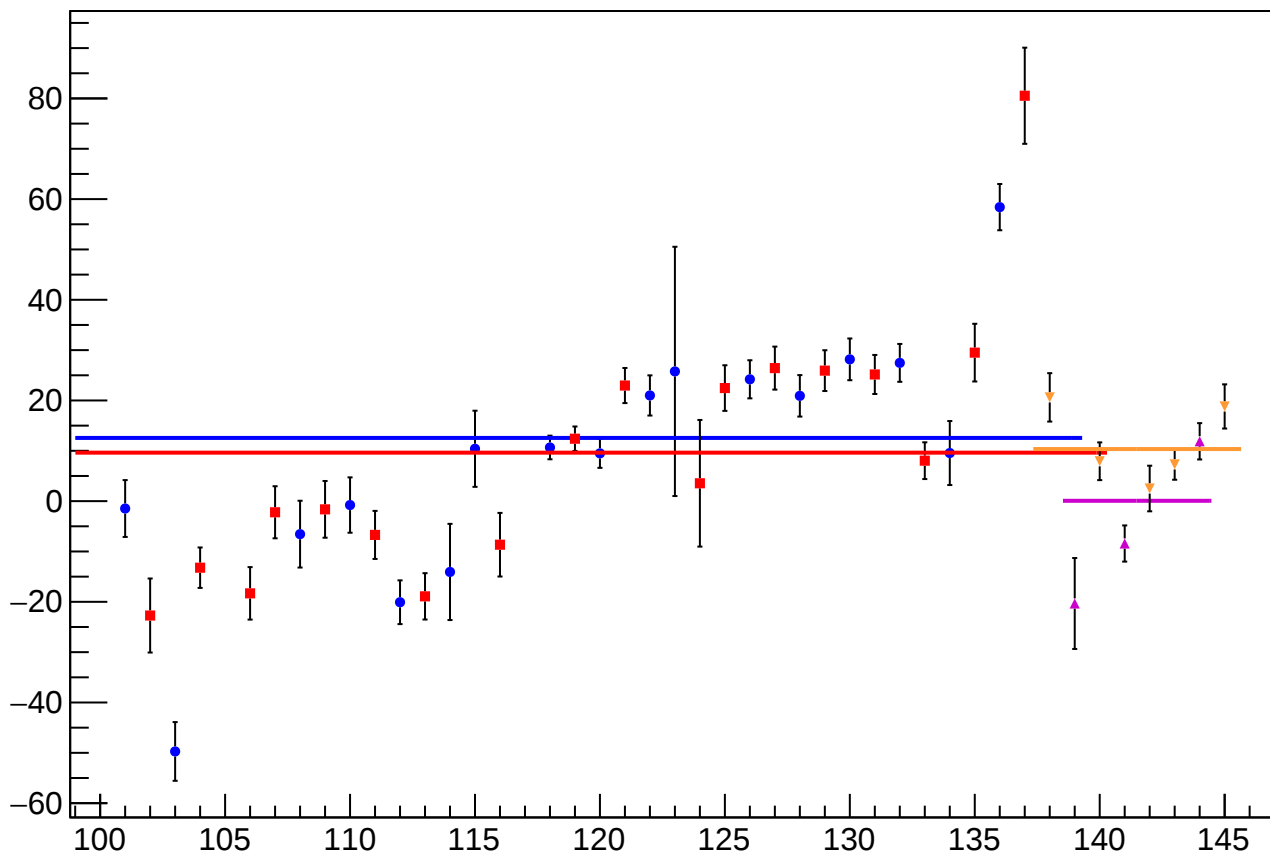
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.623+/-2.907 χ^2/NDF :6.8/2

Out: 157.209+/-2.254 χ^2/NDF :2481.6/4

All: 189.278+/-1.781 χ^2/NDF : 3027.4/7

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 10.349+/-1.760 χ^2/NDF :12.7/4

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 0.071+/-2.450 χ^2/NDF :21.4/2

Left: 6.850+/-1.430 χ^2/NDF : 45.7/7

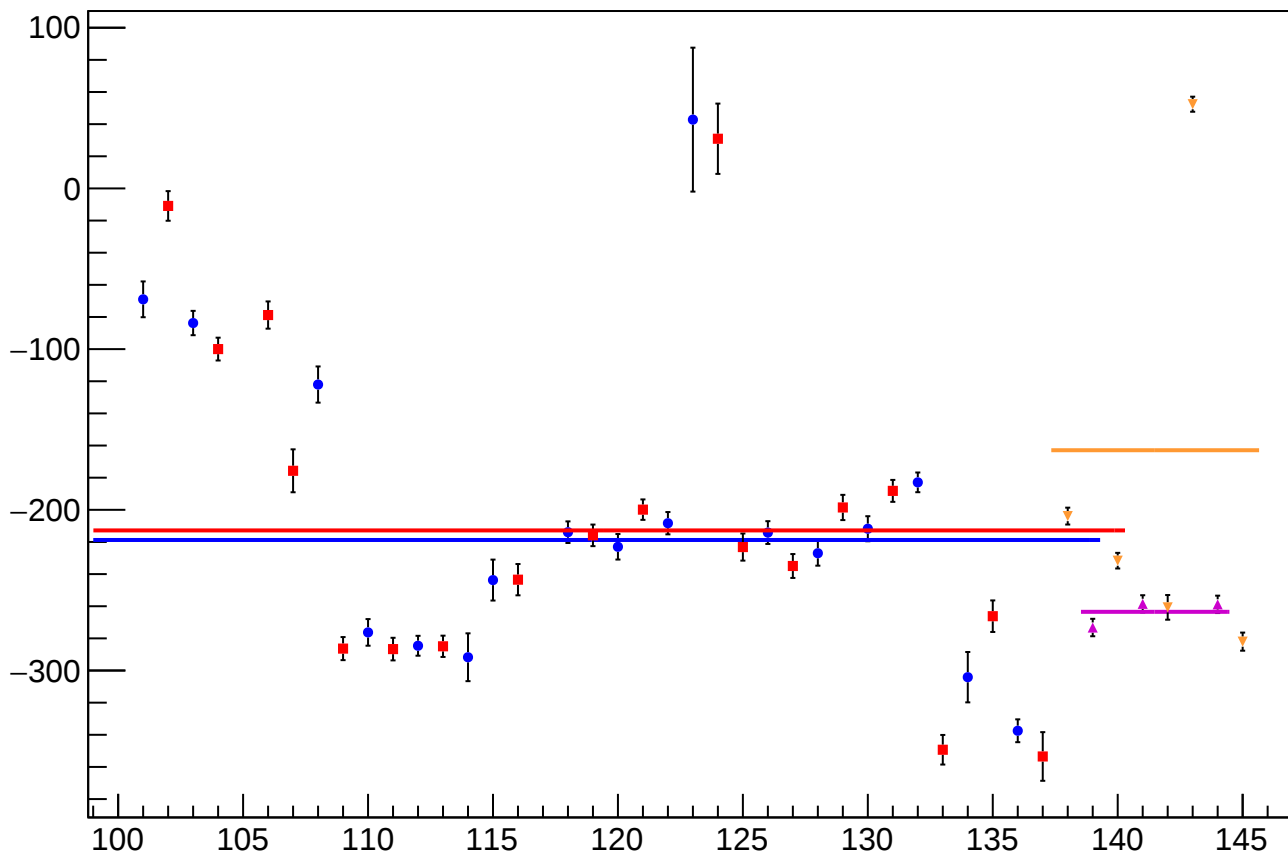
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 10.598+/-0.971 χ^2/NDF :391.9/19

Out: 9.819+/-0.901 χ^2/NDF :300.3/22

All: 10.180+/-0.661 χ^2/NDF : 692.5/42

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 χ^2/NDF : 1144.4/16

Left Out: -162.920 ± 2.408 χ^2/NDF : 2978.7/4

Right Out: -212.817 ± 1.926 χ^2/NDF : 1824.5/17

Left In: -263.477 ± 3.117 χ^2/NDF : 4.8/2

Left: -200.513 ± 1.906 χ^2/NDF : 3635.4/7

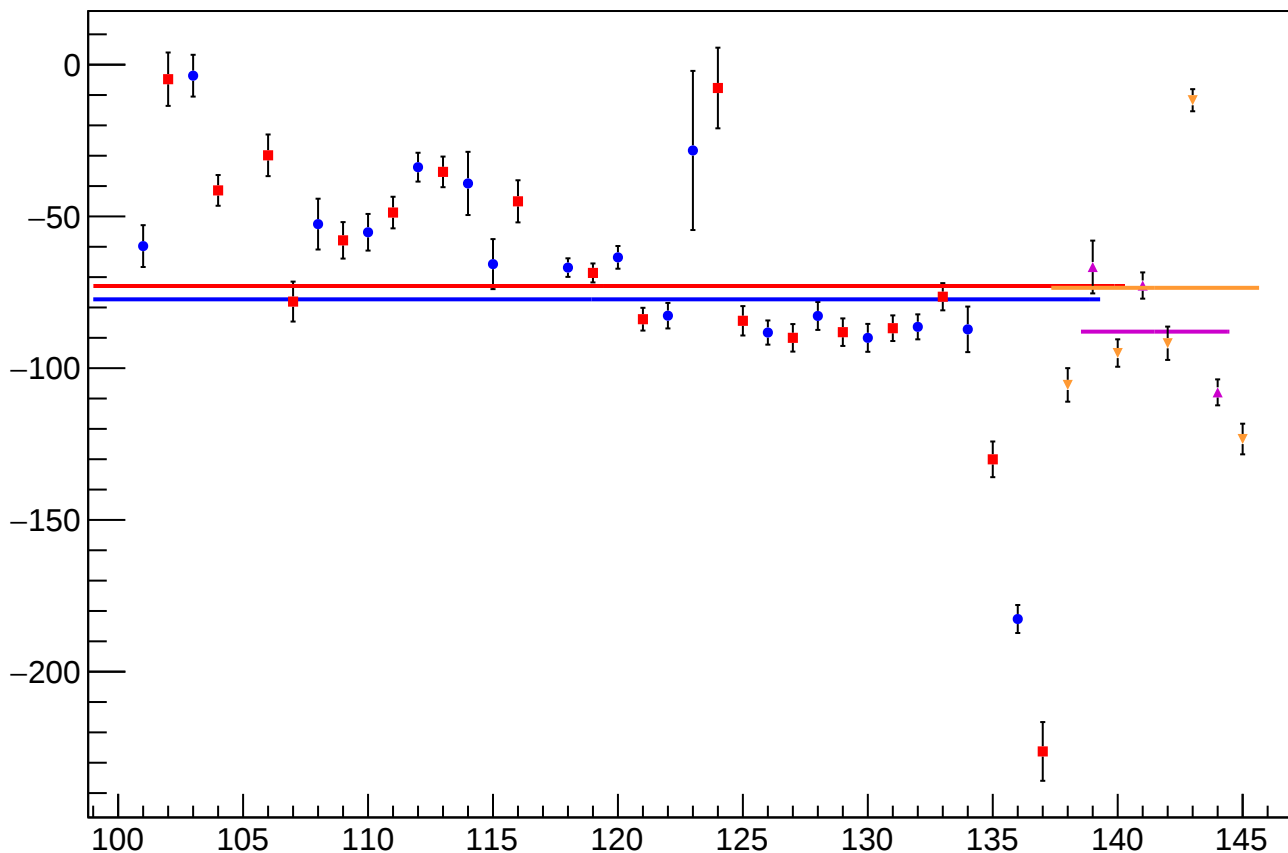
Right: -215.666 ± 1.391 χ^2/NDF : 2973.5/34

In: -231.904 ± 1.689 χ^2/NDF : 1294.6/19

Out: -193.349 ± 1.504 χ^2/NDF : 5065.0/22

All: -210.400 ± 1.123 χ^2/NDF : 6650.1/42

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: -87.960 ± 2.871 χ^2/NDF : 40.2/2

Left: -78.520 ± 1.688 χ^2/NDF : 509.3/7

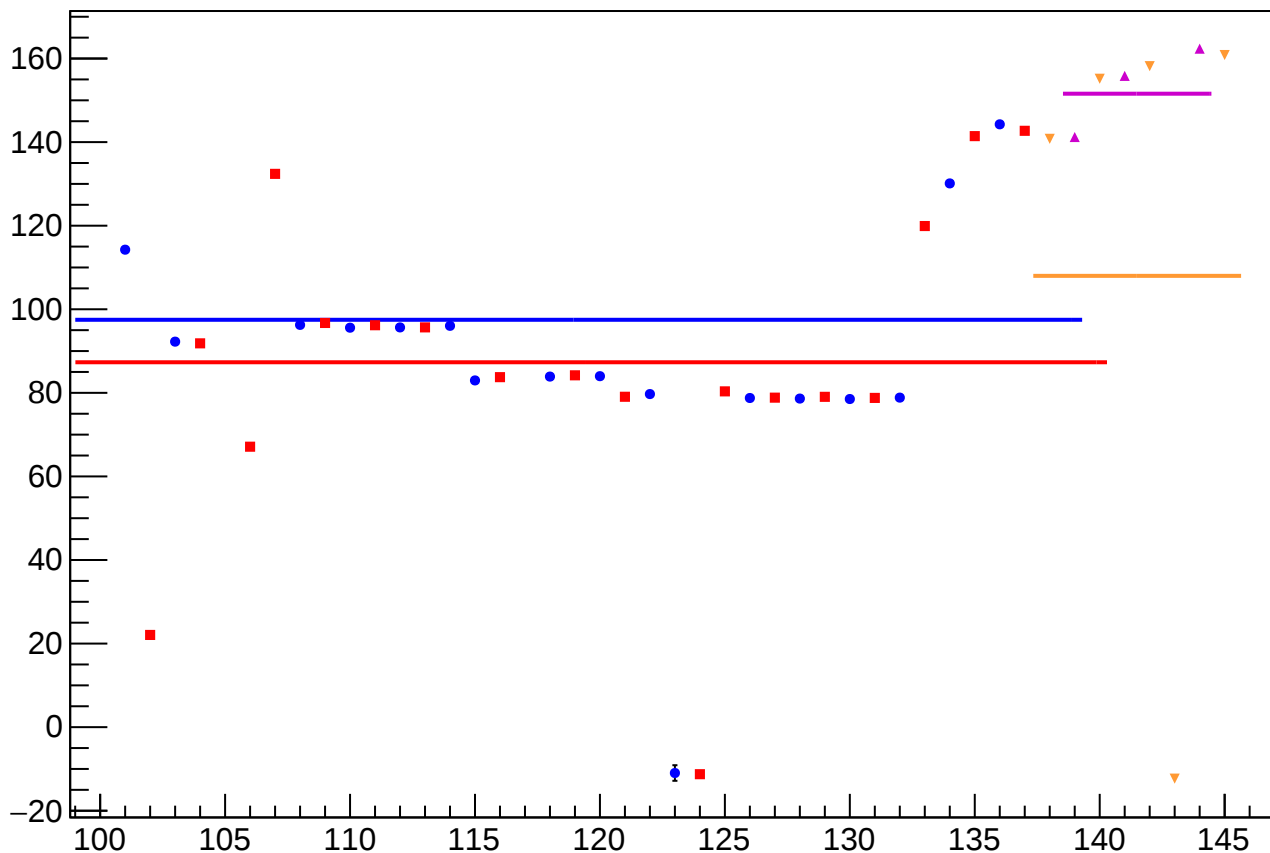
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -78.951 ± 1.124 χ^2/NDF : 869.5/19

Out: -73.074 ± 1.045 χ^2/NDF : 1113.4/22

All: -75.799 ± 0.766 χ^2/NDF : 1997.6/42

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: 151.584+/-0.123 χ^2/NDF : 5406.3/2

Left: 124.982+/-0.077 χ^2/NDF : 648156.3/7

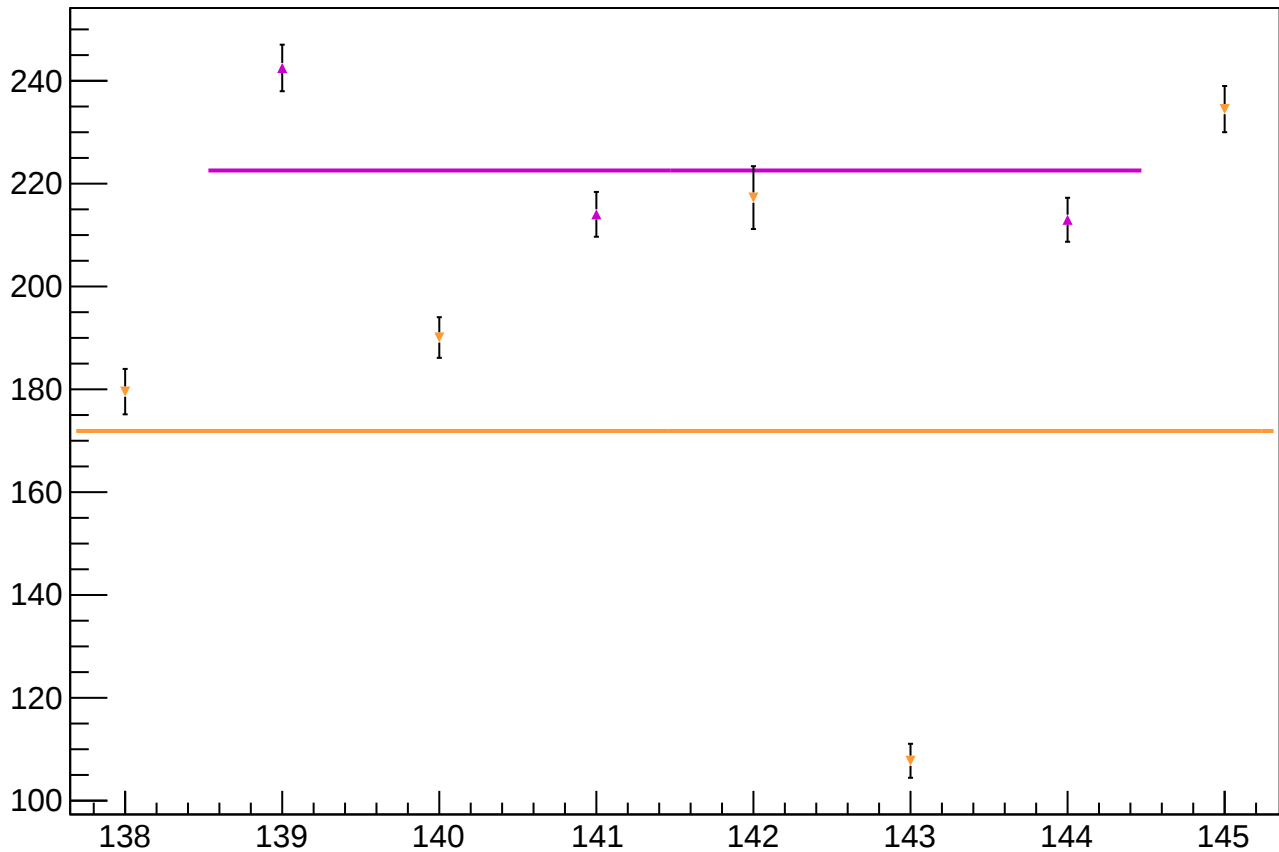
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 111.743+/-0.063 χ^2/NDF : 243130.7/19

Out: 94.084+/-0.056 χ^2/NDF : 817465.0/22

All: 101.893+/-0.042 χ^2/NDF : 1104480.3/42

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: 222.561+/-2.531 χ^2/NDF :28.3/2

Left: 189.913+/-1.509 χ^2/NDF : 936.2/7

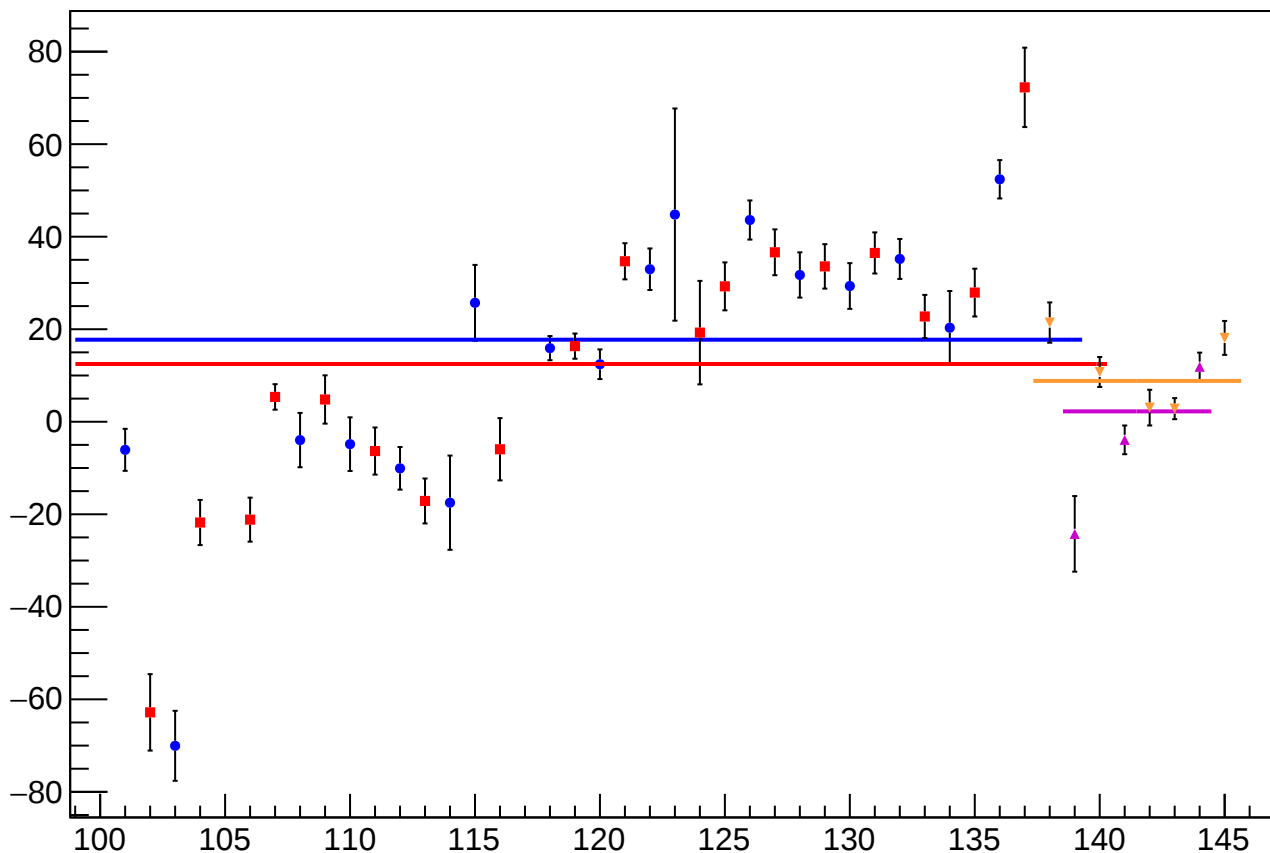
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 222.561+/-2.531 χ^2/NDF :28.3/2

Out: 171.899+/-1.880 χ^2/NDF :649.7/4

All: 189.913+/-1.509 χ^2/NDF : 936.2/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 8.824 $\pm$ 1.440 χ^2 /NDF:24.3/4

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: 2.243 $\pm$ 2.103 χ^2 /NDF:24.4/2

Left: 6.724 $\pm$ 1.188 χ^2 /NDF: 55.4/7

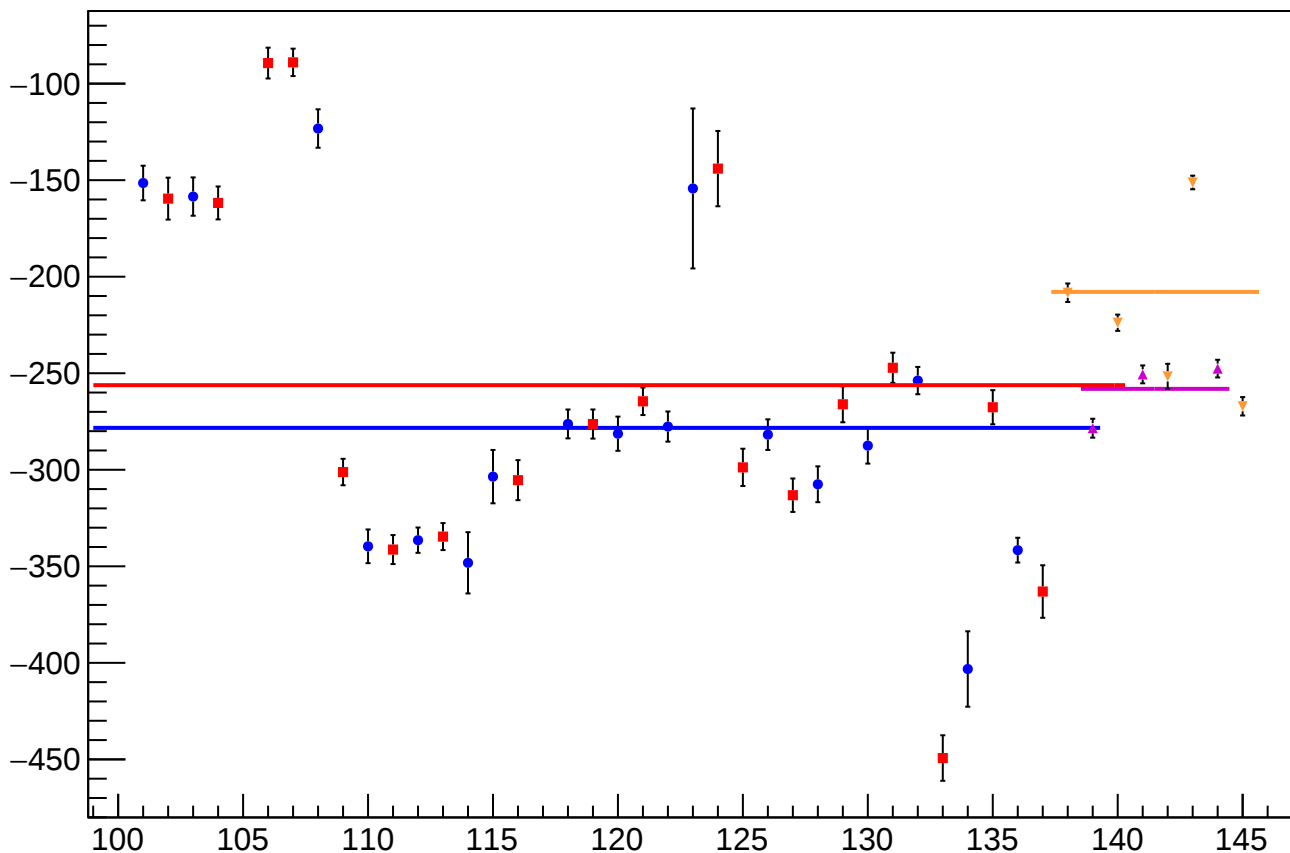
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 14.178 $\pm$ 1.008 χ^2 /NDF:460.2/19

Out: 11.158 $\pm$ 0.867 χ^2 /NDF:457.6/22

All: 12.442 $\pm$ 0.657 χ^2 /NDF: 923.0/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -207.866 ± 2.008 $\chi^2/\text{NDF}: 472.5/4$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -258.086 ± 2.712 $\chi^2/\text{NDF}: 25.2/2$

Left: -225.650 ± 1.614 $\chi^2/\text{NDF}: 719.1/7$

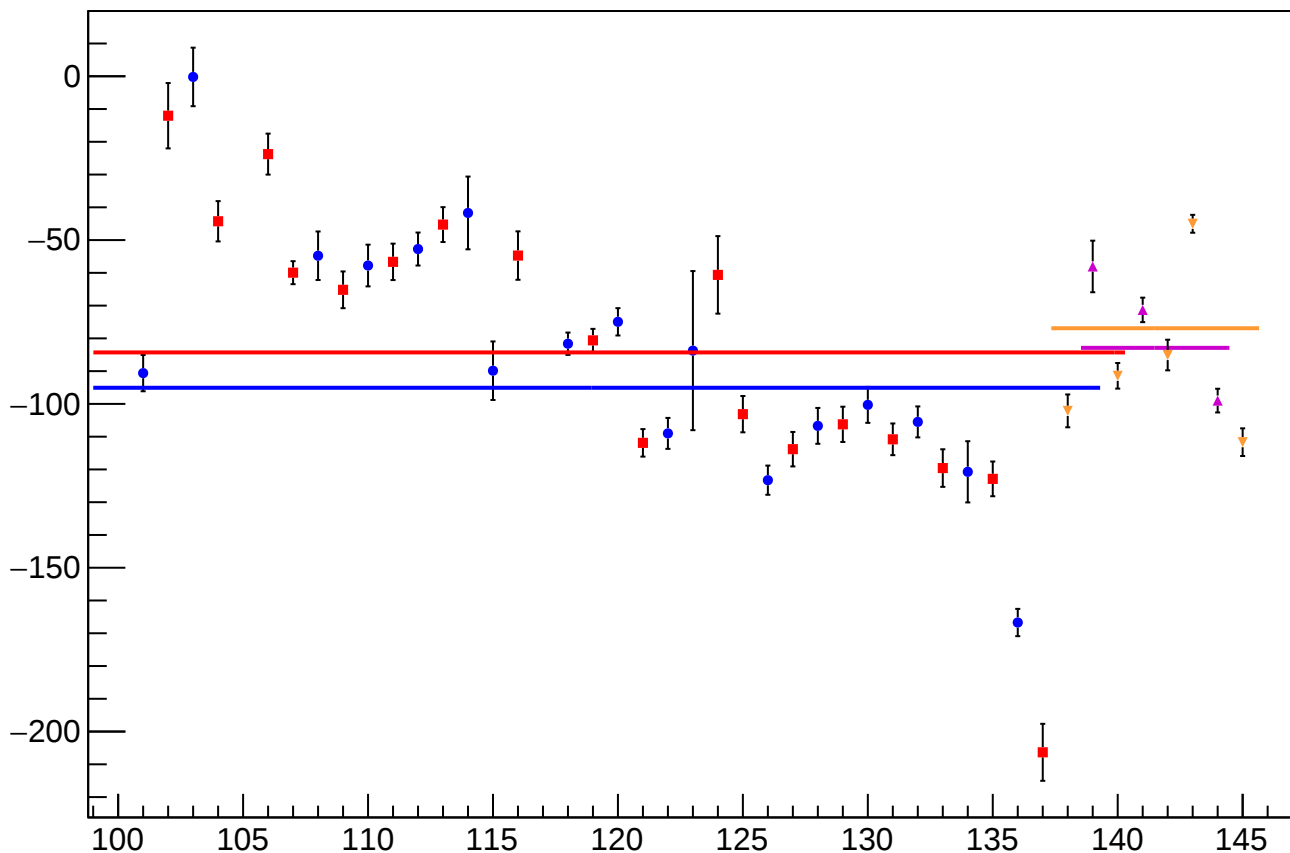
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -270.397 ± 1.695 $\chi^2/\text{NDF}: 969.0/19$

Out: -231.821 ± 1.426 $\chi^2/\text{NDF}: 2711.7/22$

All: -247.802 ± 1.091 $\chi^2/\text{NDF}: 3983.8/42$

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: -82.891 ± 2.469 χ^2/NDF : 39.4/2

Left: -78.849 ± 1.407 χ^2/NDF : 289.7/7

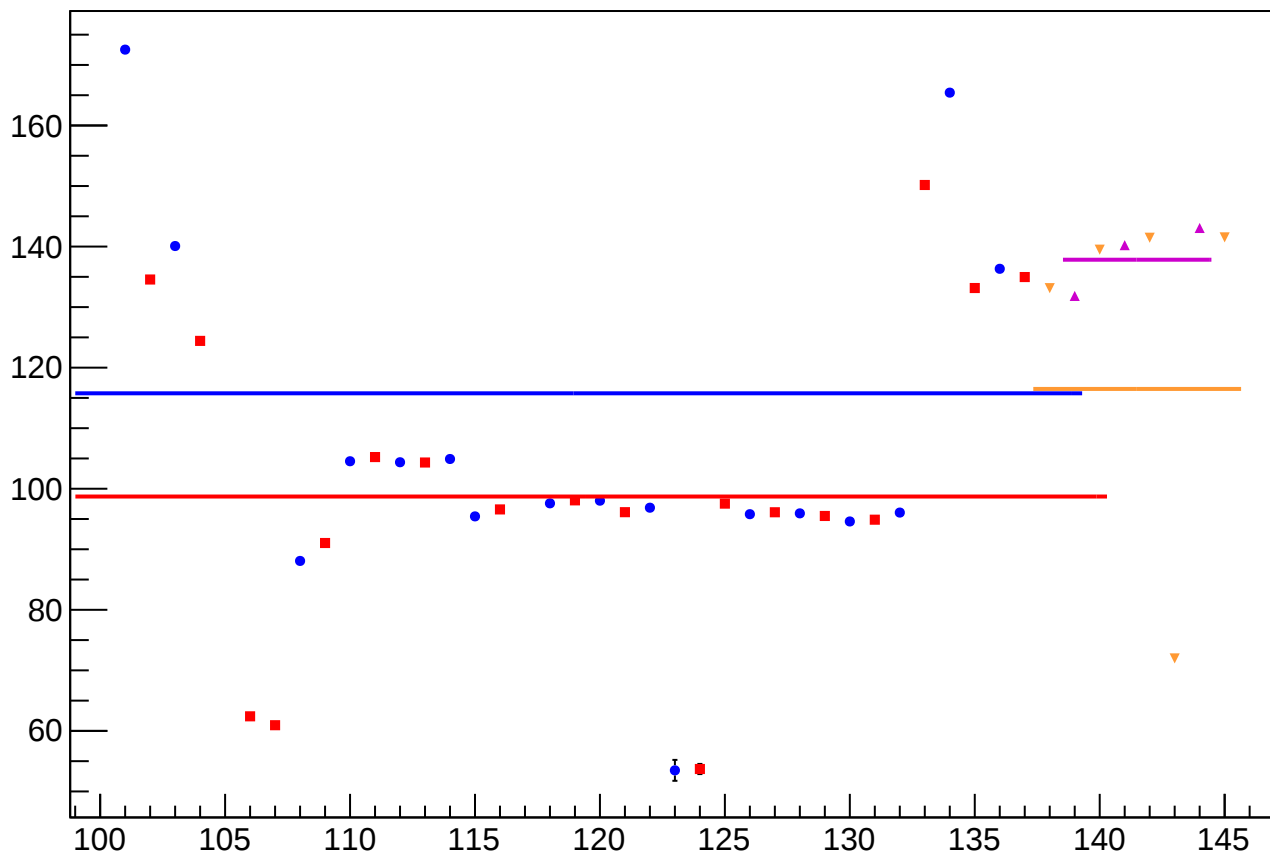
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -92.348 ± 1.168 χ^2/NDF : 731.5/19

Out: -81.699 ± 1.014 χ^2/NDF : 1027.3/22

All: -86.276 ± 0.766 χ^2/NDF : 1806.2/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 116.484+/-0.082 χ^2/NDF :148608.2/4

Right Out: 98.713+/-0.069 χ^2/NDF : 170183.8/17

Left In: 137.827+/-0.107 χ^2/NDF :2048.0/2

Left: 124.317+/-0.065 χ^2/NDF : 175692.4/7

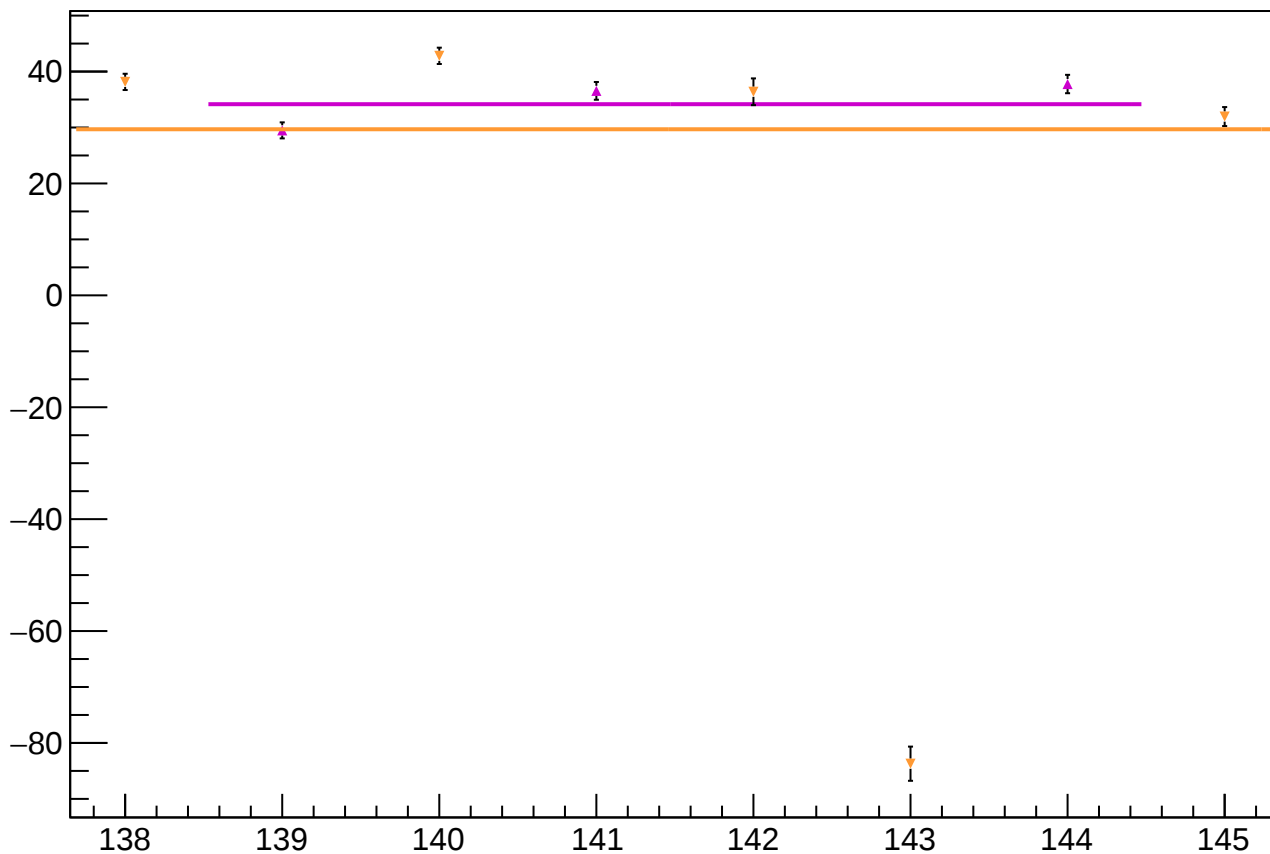
Right: 106.153+/-0.052 χ^2/NDF : 303349.7/34

In: 123.400+/-0.063 χ^2/NDF :135983.8/19

Out: 106.074+/-0.053 χ^2/NDF :346498.7/22

All: 113.170+/-0.040 χ^2/NDF : 526942.4/42

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: 34.165+/-0.893 χ^2/NDF :17.7/2

Left: 31.673+/-0.595 χ^2/NDF : 1533.5/7

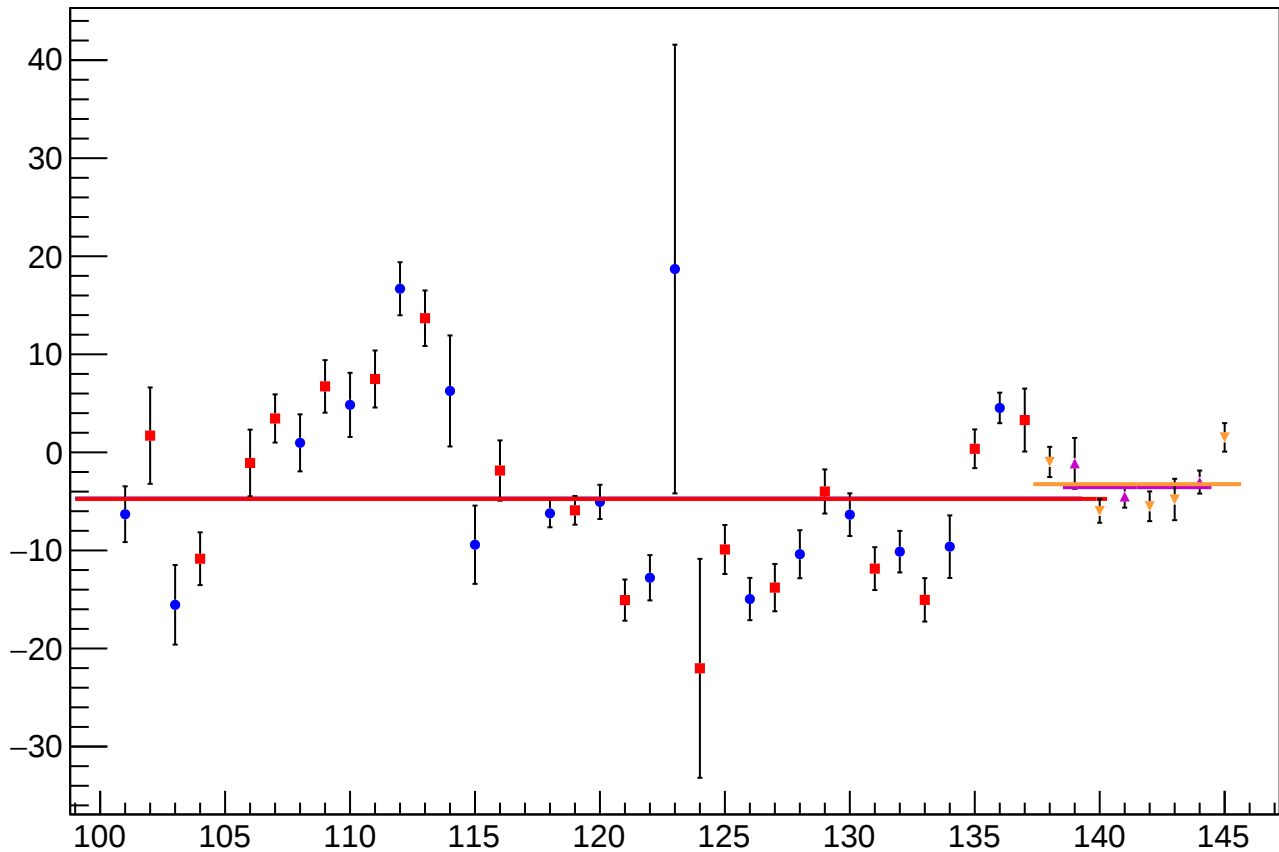
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.165+/-0.893 χ^2/NDF :17.7/2

Out: 29.685+/-0.797 χ^2/NDF :1501.7/4

All: 31.673+/-0.595 χ^2/NDF : 1533.5/7

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: -3.545 ± 0.779 χ^2/NDF : 1.8/2

Left: -3.372 ± 0.507 χ^2/NDF : 22.7/7

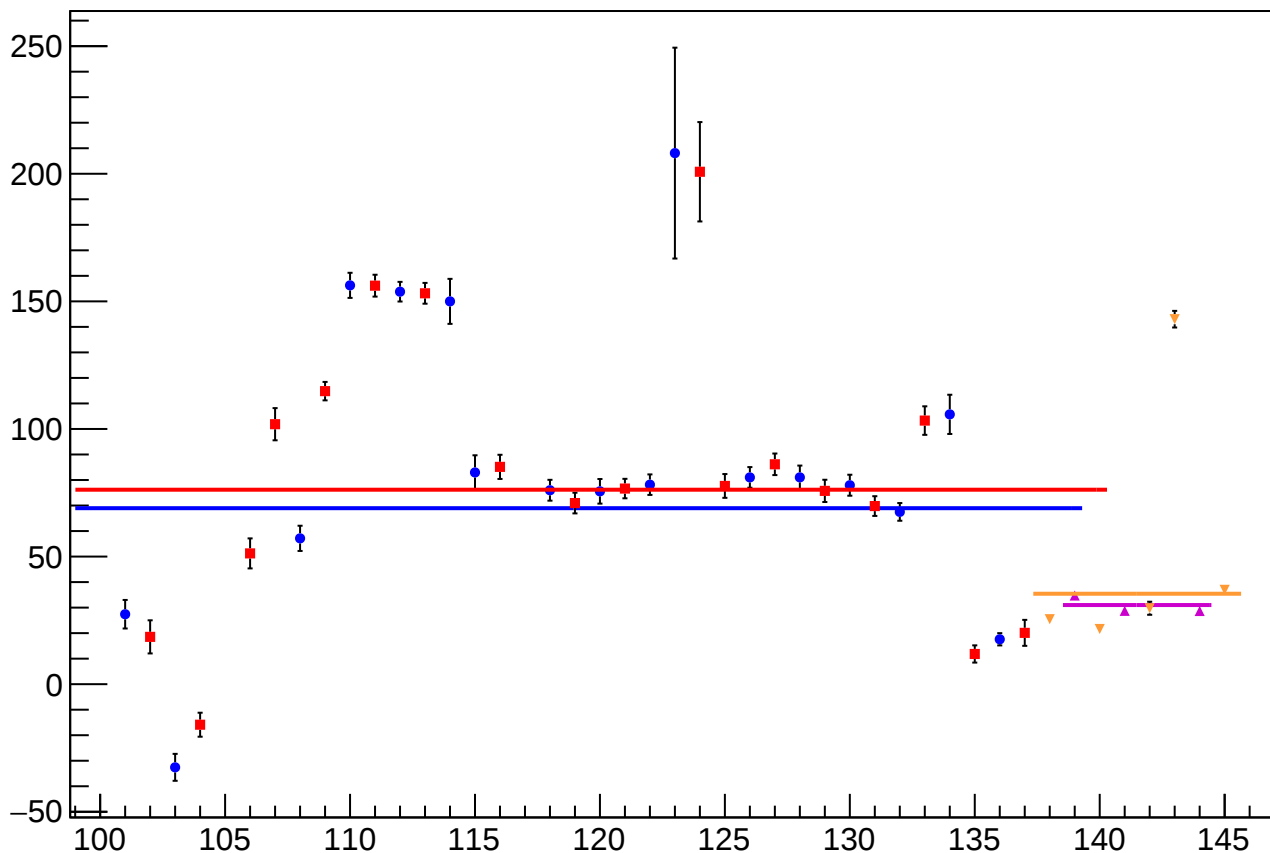
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -4.296 ± 0.466 χ^2/NDF : 177.9/19

Out: -4.092 ± 0.440 χ^2/NDF : 213.0/22

All: -4.188 ± 0.320 χ^2/NDF : 391.0/42

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 35.438 ± 0.850 $\chi^2/\text{NDF}: 1214.4/4$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 31.008 ± 0.957 $\chi^2/\text{NDF}: 9.4/2$

Left: 33.484 ± 0.636 $\chi^2/\text{NDF}: 1235.7/7$

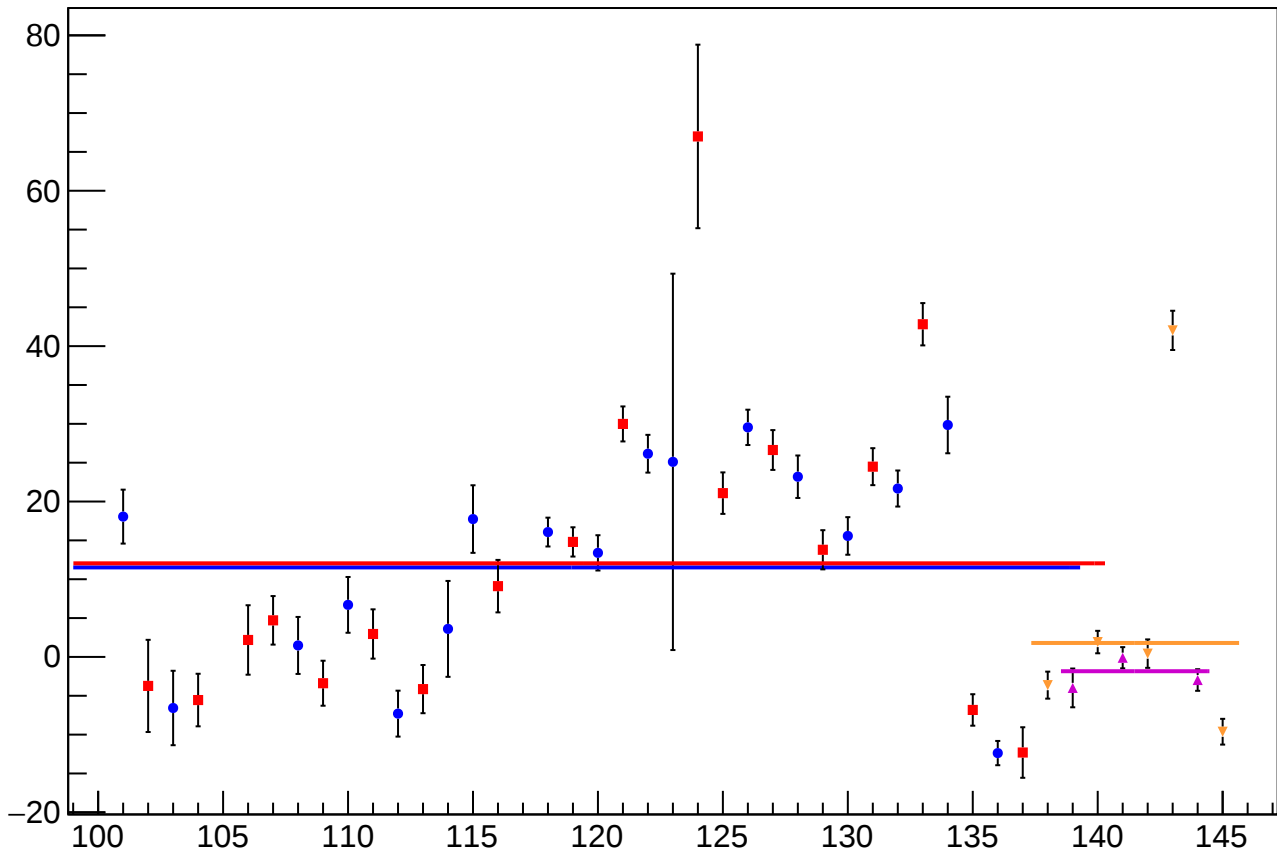
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 47.726 ± 0.716 $\chi^2/\text{NDF}: 2545.7/19$

Out: 51.202 ± 0.666 $\chi^2/\text{NDF}: 3983.7/22$

All: 49.589 ± 0.488 $\chi^2/\text{NDF}: 6542.0/42$

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: -1.840+/-0.907 χ^2 /NDF:3.0/2

Left: 0.243+/-0.593 χ^2 /NDF: 323.9/7

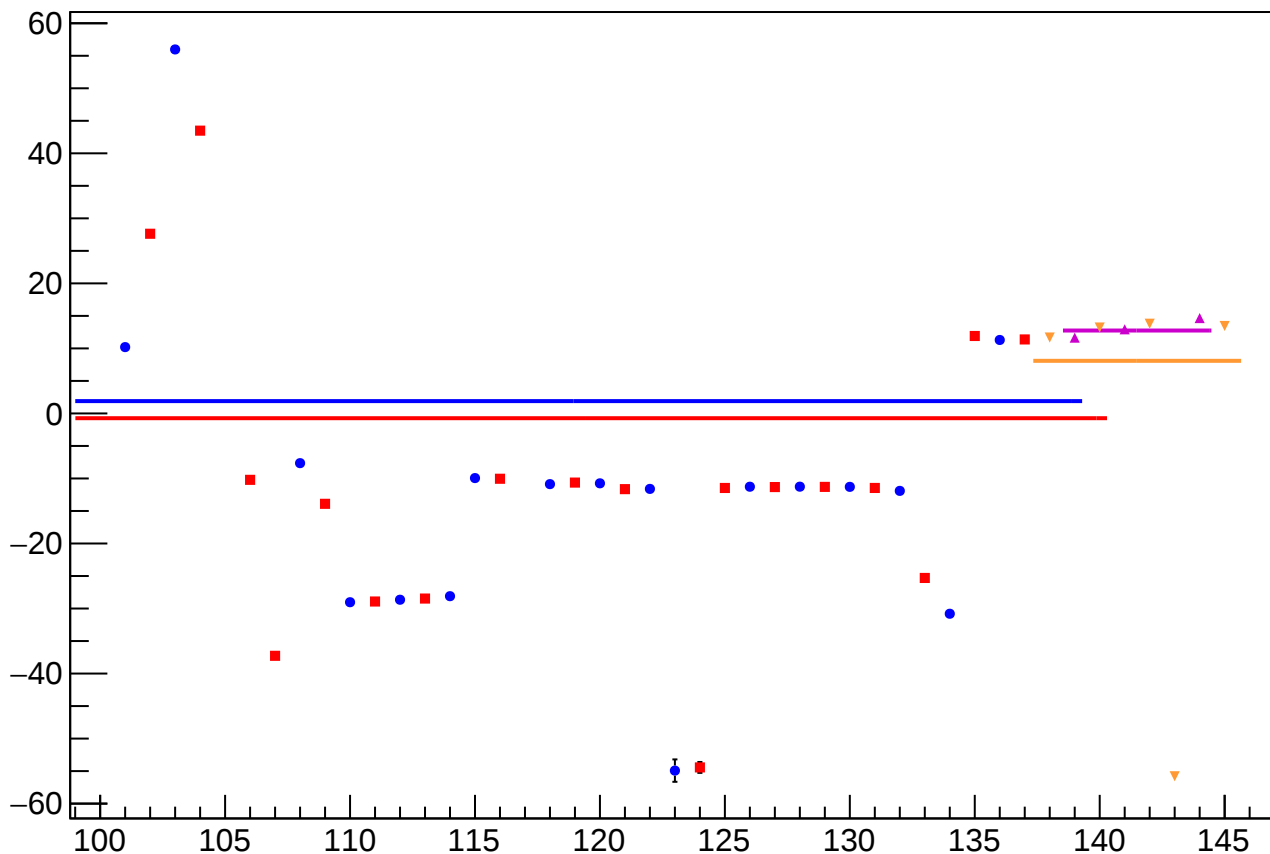
Right: 11.782+/-0.468 χ^2 /NDF: 1016.2/34

In: 6.898+/-0.534 χ^2 /NDF:622.1/19

Out: 7.759+/-0.507 χ^2 /NDF:949.9/22

All: 7.351+/-0.367 χ^2 /NDF: 1573.3/42

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: 12.750 $\pm$ 0.037 χ^2/NDF : 1028.0/2

Left: 10.234 $\pm$ 0.025 χ^2/NDF : 265416.3/7

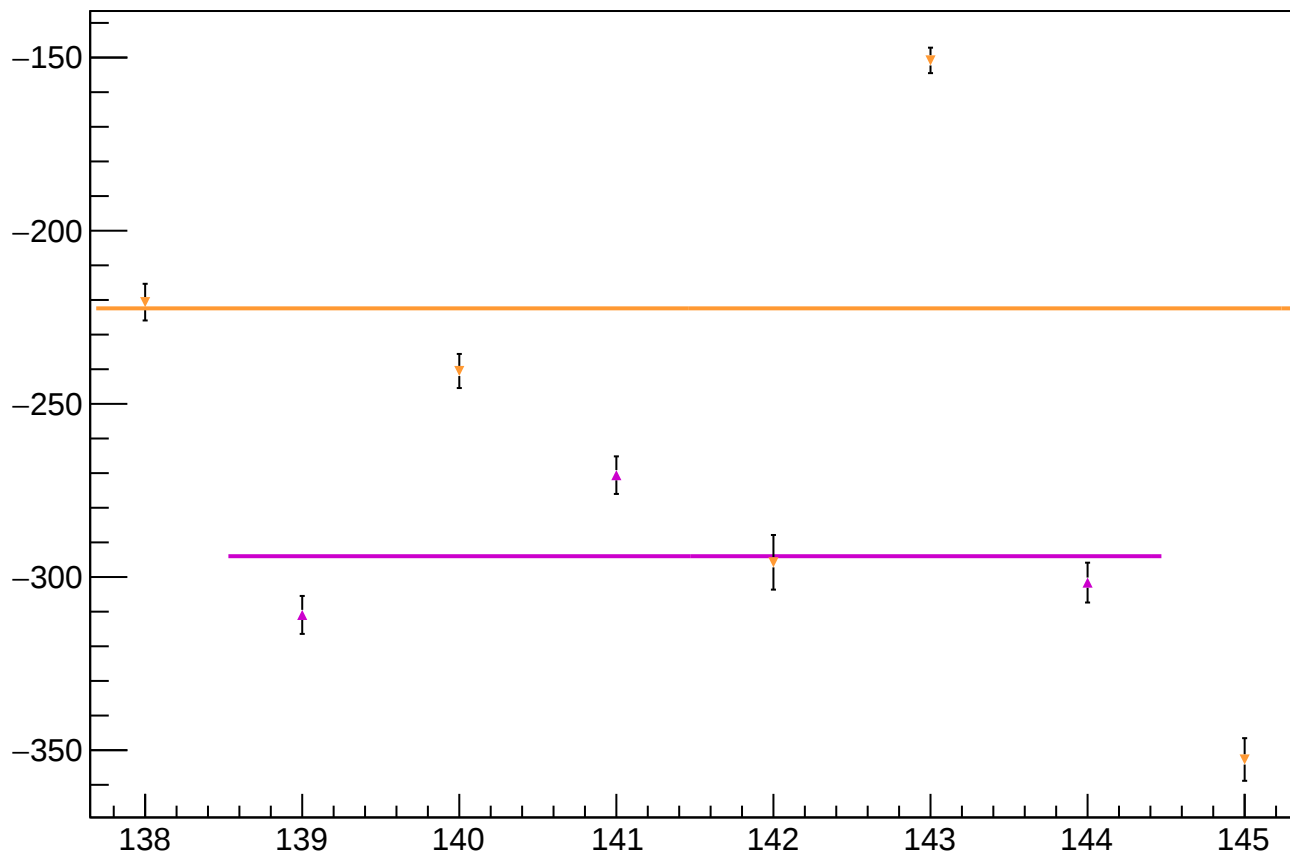
Right: 0.584 $\pm$ 0.026 χ^2/NDF : 721303.3/34

In: 7.289 $\pm$ 0.026 χ^2/NDF : 402540.8/19

Out: 4.012 $\pm$ 0.025 χ^2/NDF : 646281.9/22

All: 5.584 $\pm$ 0.018 χ^2/NDF : 1056914.1/42

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: -293.987+/-3.203 χ^2/NDF : 29.9/2

Left: -246.403+/-1.854 χ^2/NDF : 1289.0/7

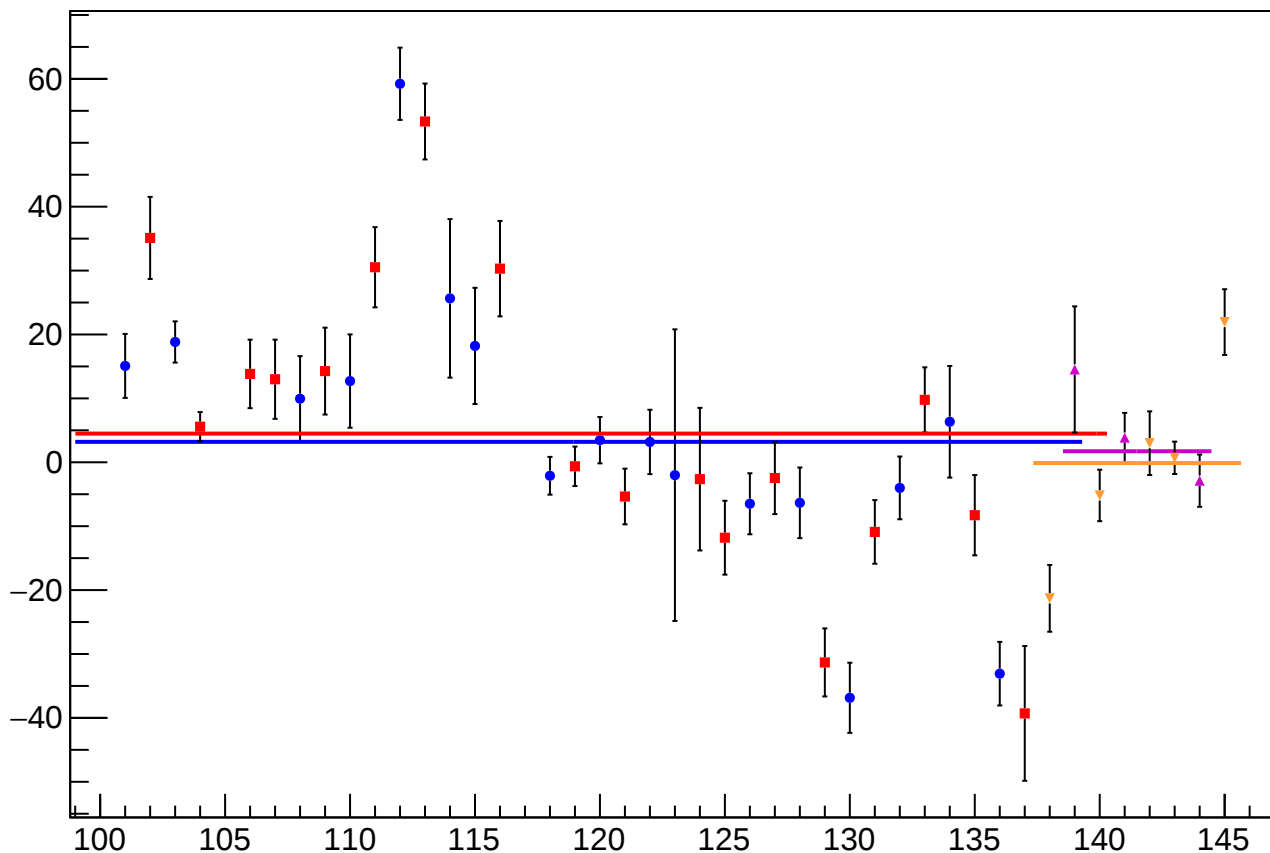
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -293.987+/-3.203 χ^2/NDF : 29.9/2

Out: -222.422+/-2.274 χ^2/NDF : 927.1/4

All: -246.403+/-1.854 χ^2/NDF : 1289.0/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: -0.123 ± 1.734 $\chi^2/\text{NDF}: 36.9/4$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 1.725 ± 2.702 $\chi^2/\text{NDF}: 3.3/2$

Left: 0.416 ± 1.460 $\chi^2/\text{NDF}: 40.5/7$

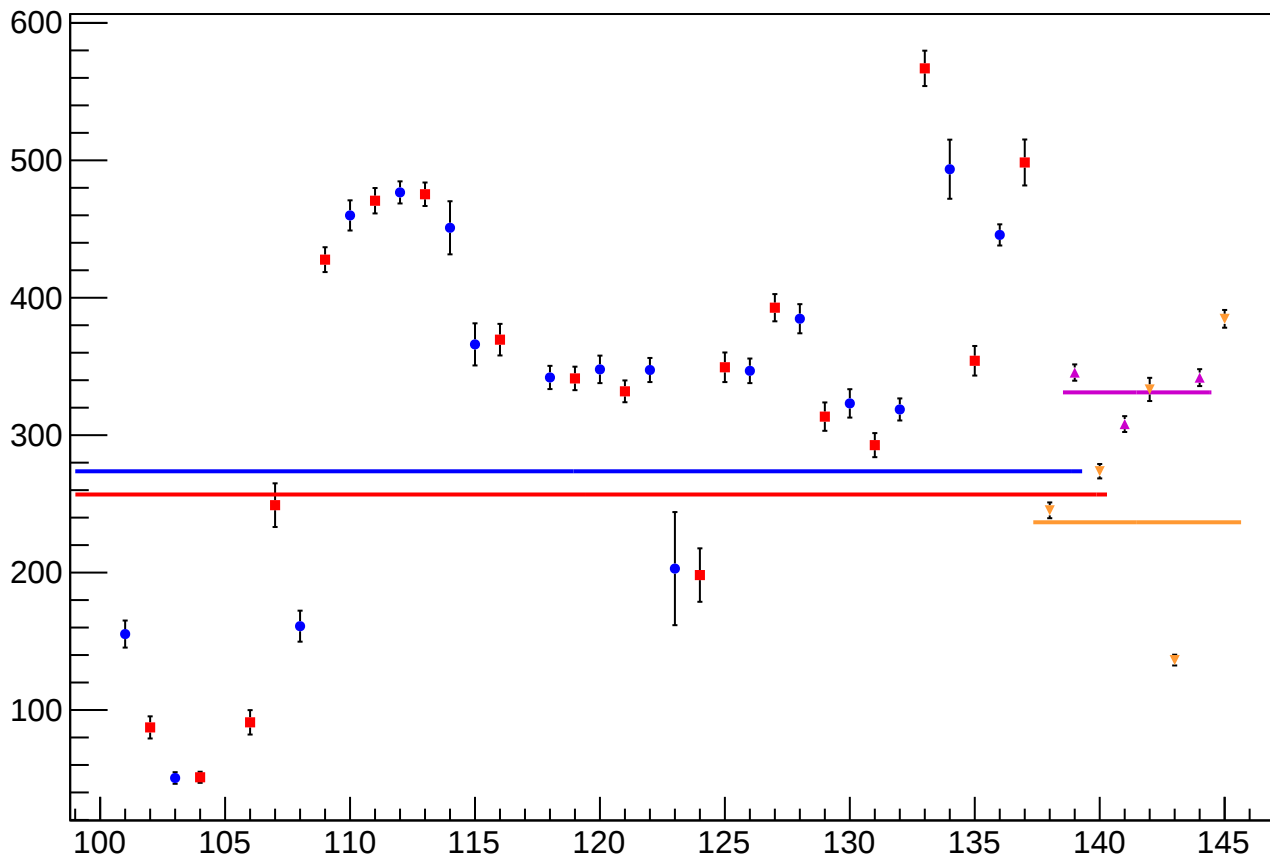
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 2.948 ± 1.117 $\chi^2/\text{NDF}: 258.7/19$

Out: 3.066 ± 0.963 $\chi^2/\text{NDF}: 263.5/22$

All: 3.015 ± 0.730 $\chi^2/\text{NDF}: 522.2/42$

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: 331.138 $\pm$ 3.433 χ^2 /NDF:24.9/2

Left: 268.098 $\pm$ 1.981 χ^2 /NDF: 1894.5/7

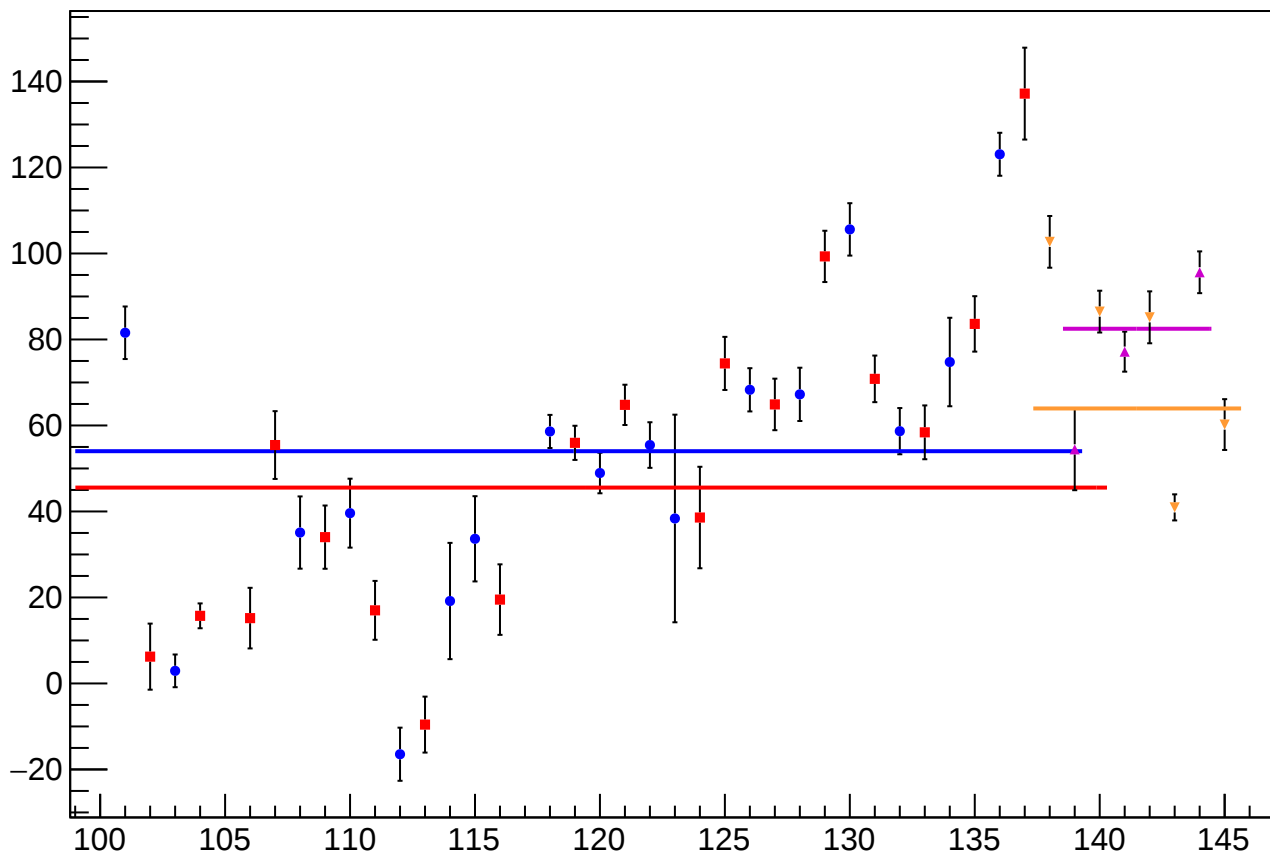
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 290.376 $\pm$ 1.849 χ^2 /NDF:5326.9/19

Out: 248.245 $\pm$ 1.581 χ^2 /NDF:7815.6/22

All: 266.034 $\pm$ 1.201 χ^2 /NDF: 13442.4/42

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: 82.494 $\pm$ 3.168 χ^2 /NDF:17.3/2

Left: 69.479 $\pm$ 1.730 χ^2 /NDF: 174.5/7

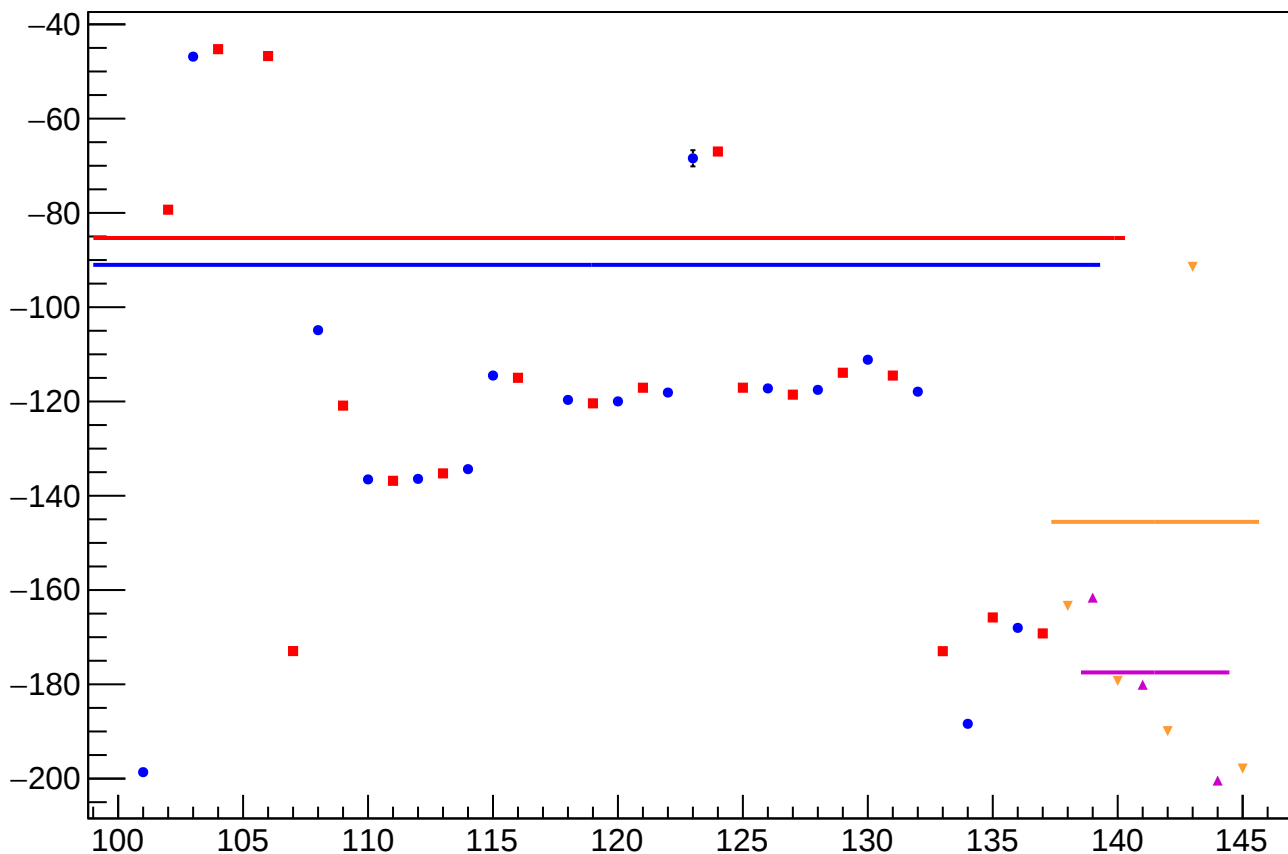
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 58.797 $\pm$ 1.298 χ^2 /NDF:717.4/19

Out: 51.112 $\pm$ 1.135 χ^2 /NDF:715.2/22

All: 54.440 $\pm$ 0.854 χ^2 /NDF: 1452.5/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.544+/-0.099 χ^2/NDF : 204399.2/4

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -177.475+/-0.135 χ^2/NDF : 13143.6/2

Left: -156.693+/-0.080 χ^2/NDF : 254014.7/7

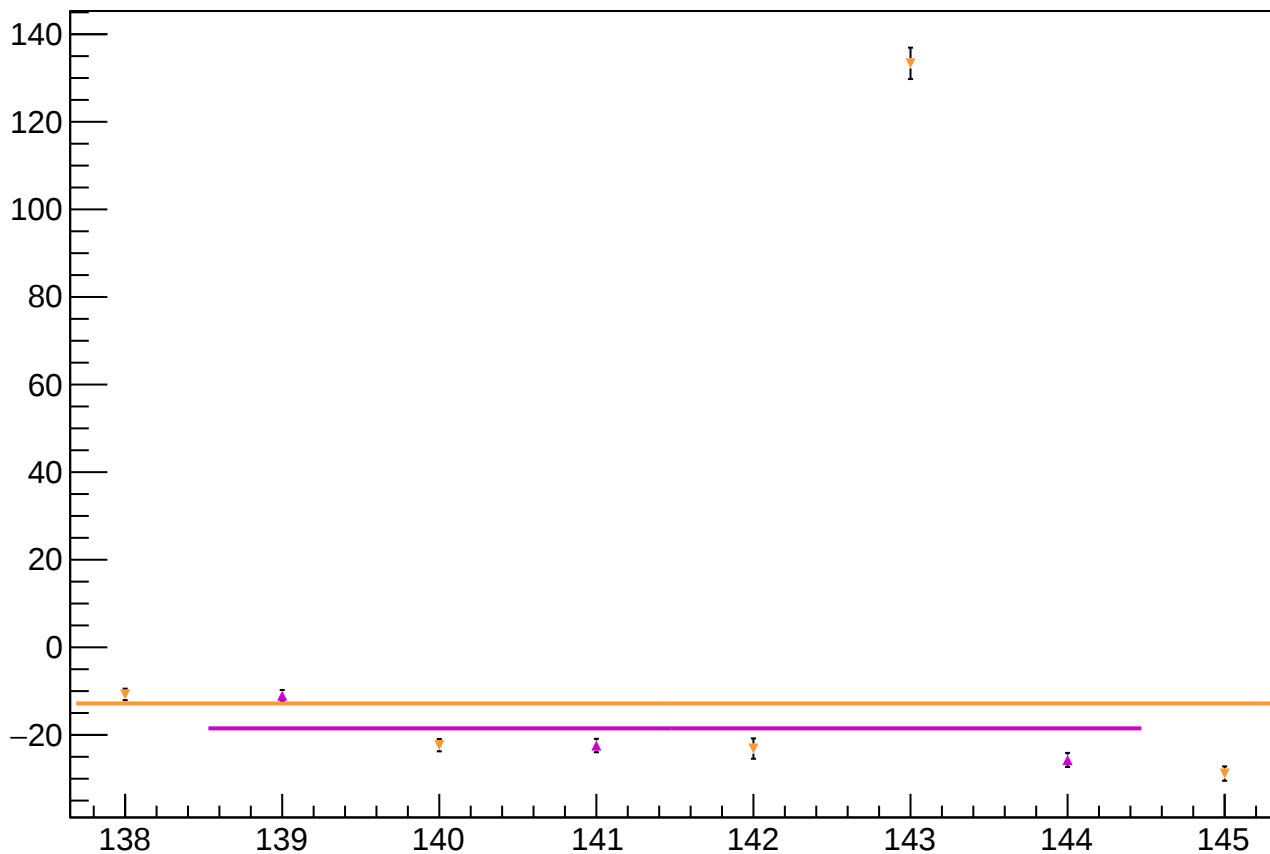
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -108.368+/-0.060 χ^2/NDF : 875769.7/19

Out: -103.580+/-0.054 χ^2/NDF : 946397.1/22

All: -105.723+/-0.040 χ^2/NDF : 1825636.1/42

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: -18.506+/-0.844 χ^2/NDF :59.8/2

Left: -15.376+/-0.566 χ^2/NDF : 1912.6/7

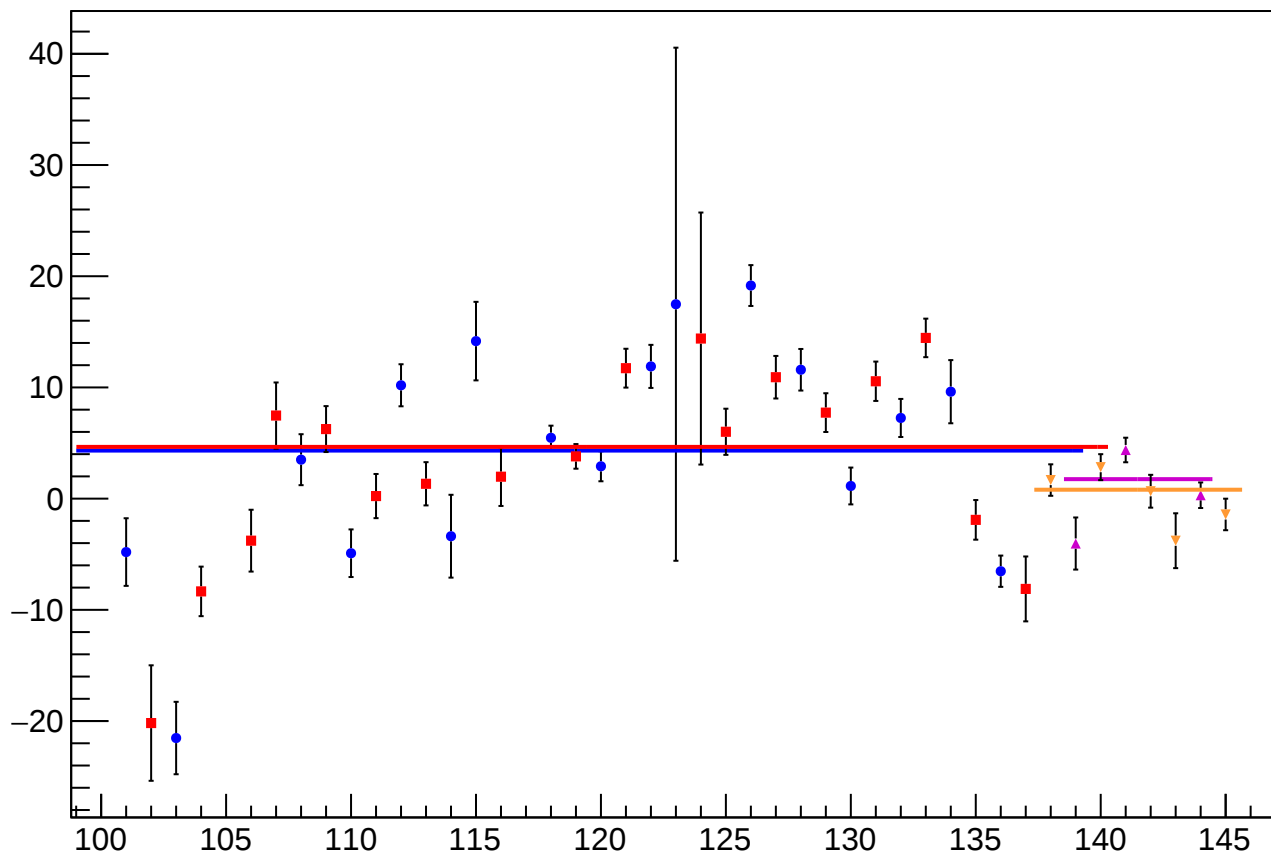
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.506+/-0.844 χ^2/NDF :59.8/2

Out: -12.814+/-0.764 χ^2/NDF :1827.8/4

All: -15.376+/-0.566 χ^2/NDF : 1912.6/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 0.802 $\pm$ 0.652 χ^2 /NDF:9.3/4

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: 1.753 $\pm$ 0.754 χ^2 /NDF:13.3/2

Left: 1.209 $\pm$ 0.493 χ^2 /NDF: 23.6/7

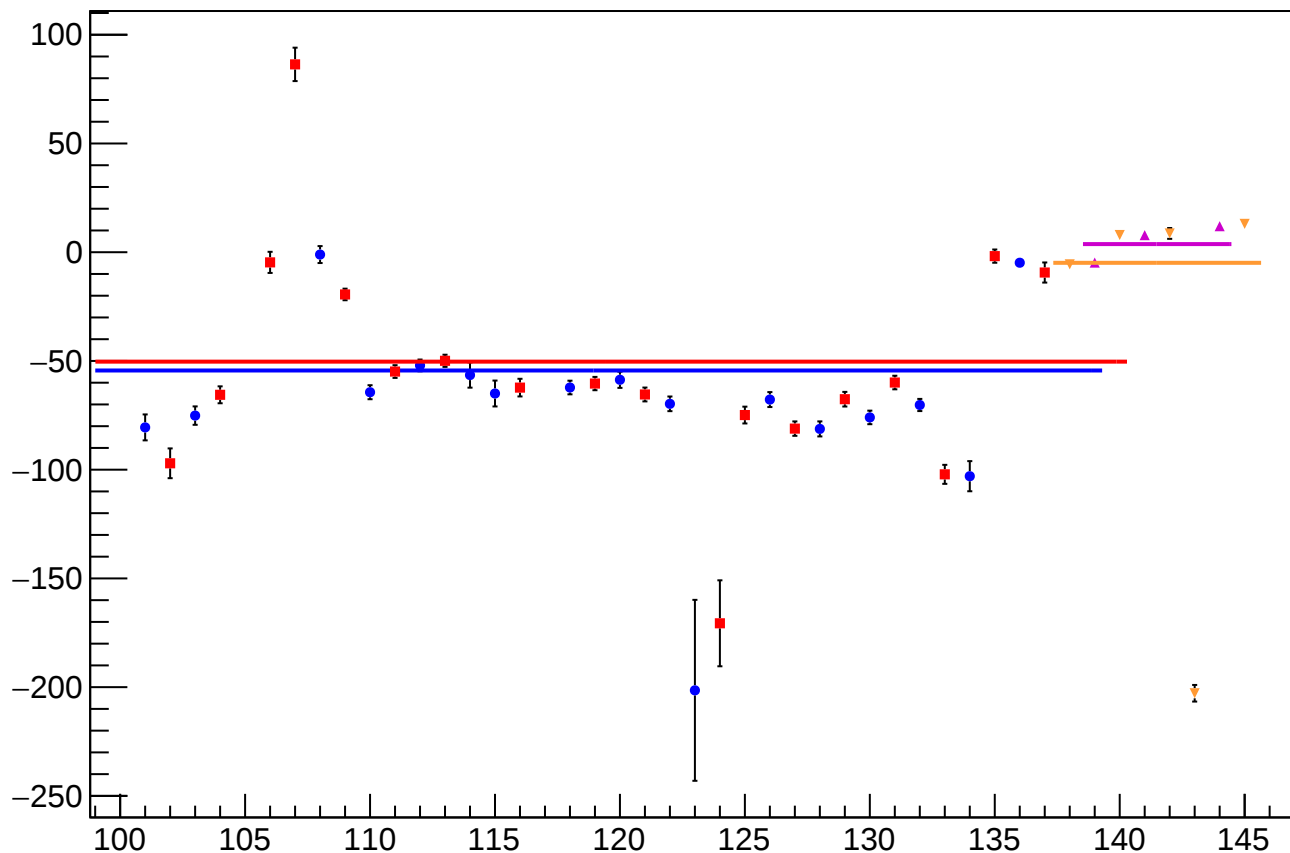
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 3.613 $\pm$ 0.396 χ^2 /NDF:302.0/19

Out: 3.321 $\pm$ 0.383 χ^2 /NDF:216.6/22

All: 3.462 $\pm$ 0.275 χ^2 /NDF: 518.9/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF : 1014.0/16

Left Out: -4.873+/-0.815 χ^2/NDF : 2896.5/4

Right Out: -50.316+/-0.858 χ^2/NDF : 1319.3/17

Left In: 3.736+/-0.906 χ^2/NDF : 65.9/2

Left: -1.021+/-0.606 χ^2/NDF : 3012.3/7

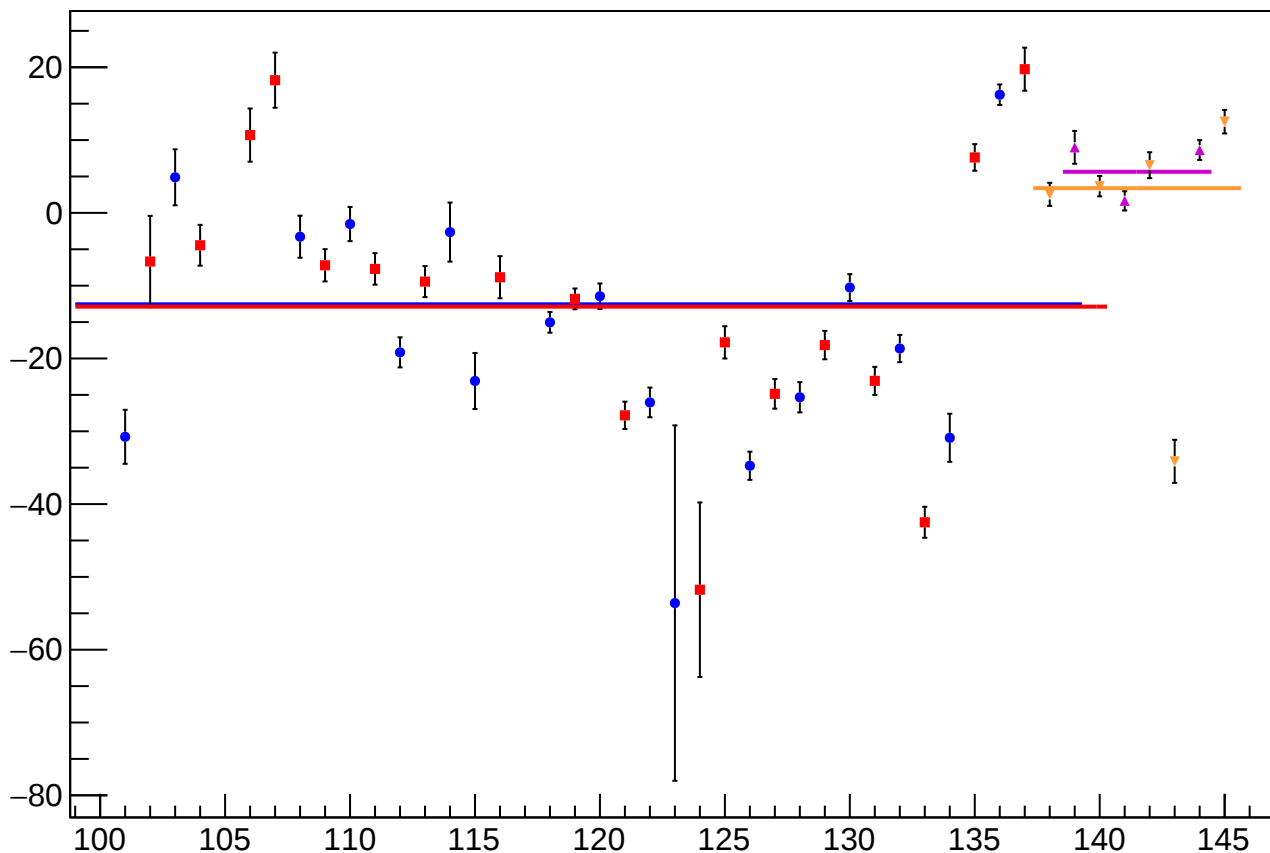
Right: -52.337+/-0.609 χ^2/NDF : 2344.4/34

In: -26.679+/-0.625 χ^2/NDF : 3234.8/19

Out: -26.420+/-0.591 χ^2/NDF : 5689.8/22

All: -26.542+/-0.430 χ^2/NDF : 8924.7/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 3.394 ± 0.763 χ^2/NDF : 196.5/4

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.646 ± 0.875 χ^2/NDF : 16.1/2

Left: 4.367 ± 0.575 χ^2/NDF : 216.4/7

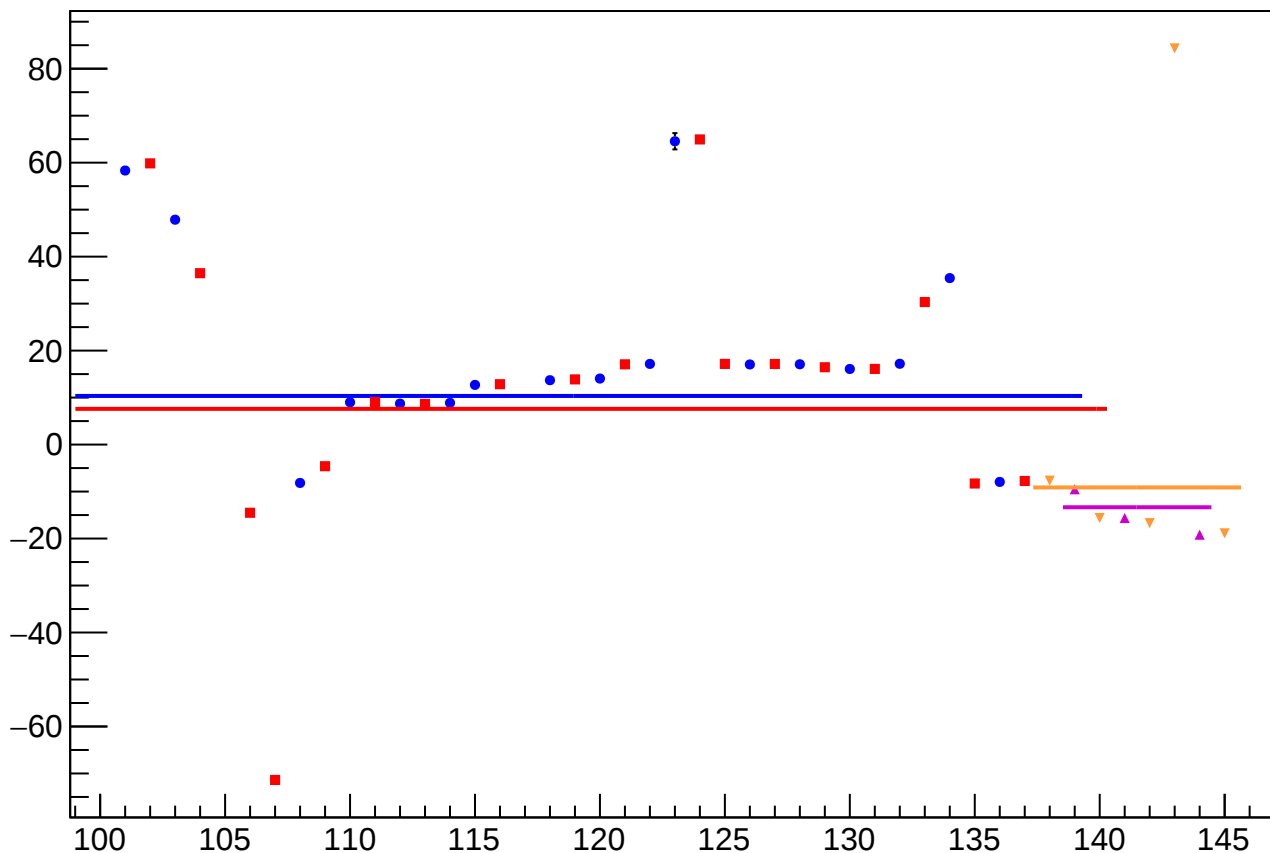
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -7.652 ± 0.454 χ^2/NDF : 1112.1/19

Out: -7.471 ± 0.440 χ^2/NDF : 1227.0/22

All: -7.558 ± 0.316 χ^2/NDF : 2339.2/42

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: -13.340 ± 0.035 χ^2/NDF : 13206.6/2

Left: -11.098 ± 0.024 χ^2/NDF : 427855.8/7

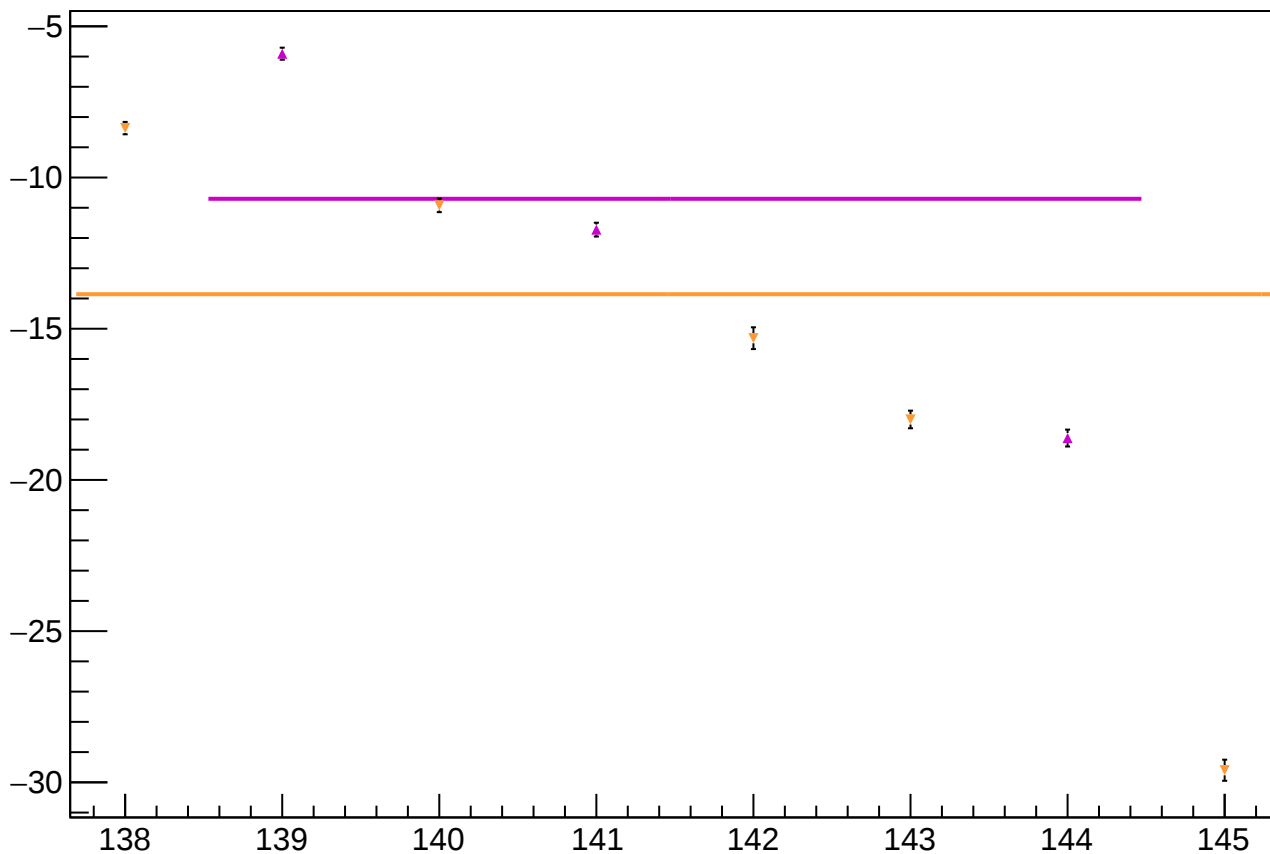
Right: 9.008 ± 0.022 χ^2/NDF : 923283.8/34

In: 0.103 ± 0.023 χ^2/NDF : 653663.3/19

Out: -0.344 ± 0.023 χ^2/NDF : 1081100.5/22

All: -0.124 ± 0.016 χ^2/NDF : 1734955.4/42

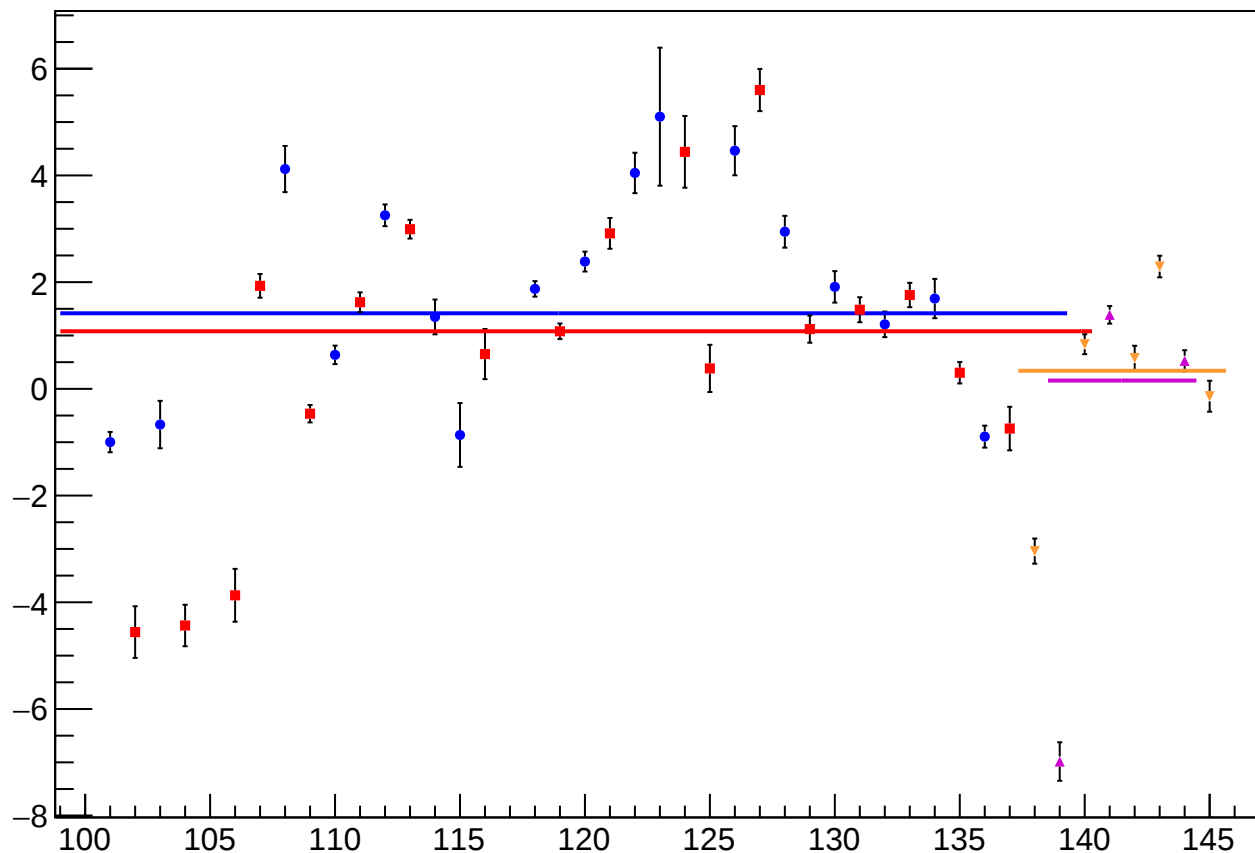
reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -13.858 $\pm$ 0.118 χ^2 /NDF:3139.8/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -10.703 $\pm$ 0.132 χ^2 /NDF:1396.7/2

Left: -12.457 $\pm$ 0.088 χ^2 /NDF: 4851.7/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -10.703 $\pm$ 0.132 χ^2 /NDF:1396.7/2
 Out: -13.858 $\pm$ 0.118 χ^2 /NDF:3139.8/4
 All: -12.457 $\pm$ 0.088 χ^2 /NDF: 4851.7/7

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: 0.156 ± 0.120 χ^2/NDF : 450.5/2

Left: 0.265 ± 0.076 χ^2/NDF : 762.4/7

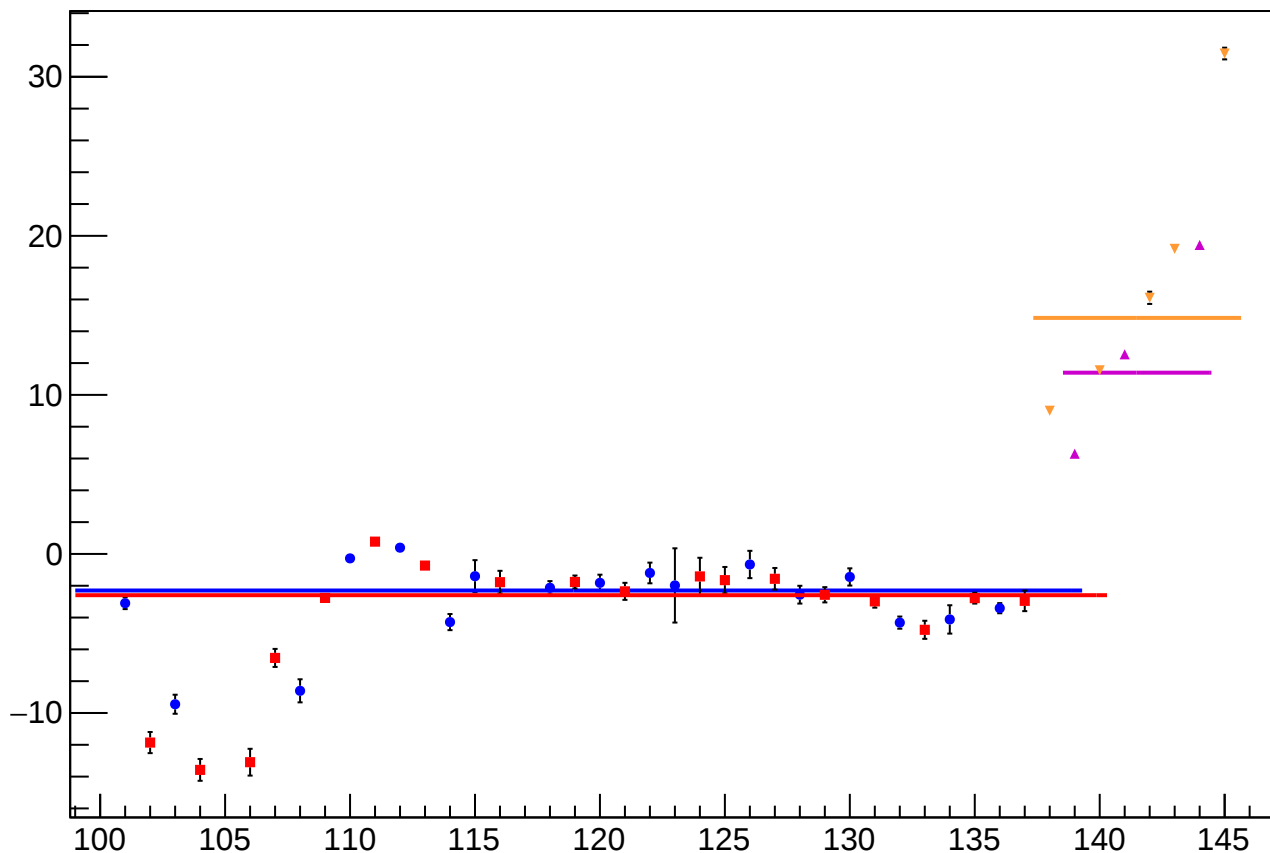
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.155 ± 0.054 χ^2/NDF : 1169.6/19

Out: 0.889 ± 0.050 χ^2/NDF : 1268.2/22

All: 1.011 ± 0.037 χ^2/NDF : 2450.7/42

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: 11.396 ± 0.142 χ^2/NDF : 1300.2/2

Left: 13.311 ± 0.095 χ^2/NDF : 4738.8/7

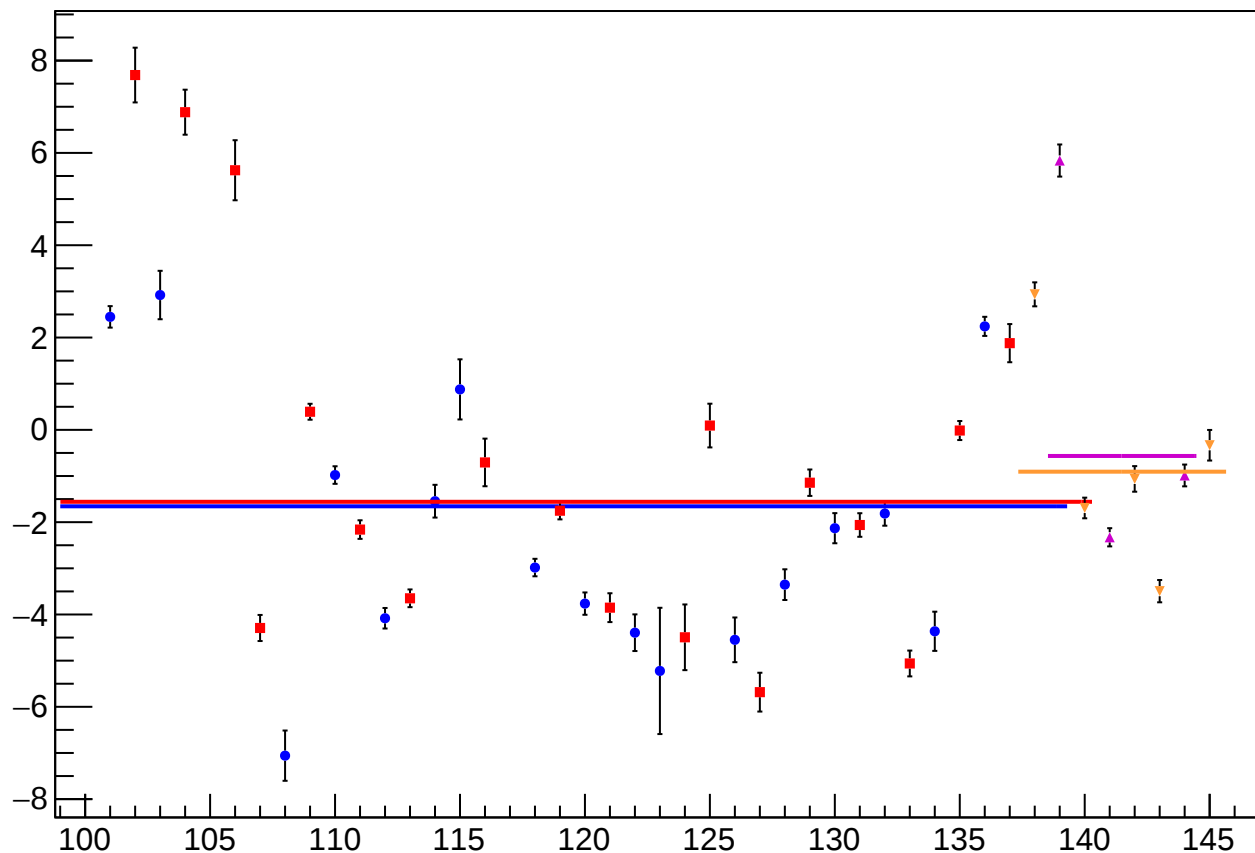
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 2.881 ± 0.087 χ^2/NDF : 7515.4/19

Out: 4.020 ± 0.078 χ^2/NDF : 15702.7/22

All: 3.514 ± 0.058 χ^2/NDF : 23312.4/42

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -0.906 ± 0.116 $\chi^2/\text{NDF}: 349.3/4$

Right Out: -1.558 ± 0.066 $\chi^2/\text{NDF}: 1484.7/17$

Left In: -0.566 ± 0.139 $\chi^2/\text{NDF}: 421.5/2$

Left: -0.766 ± 0.089 $\chi^2/\text{NDF}: 774.4/7$

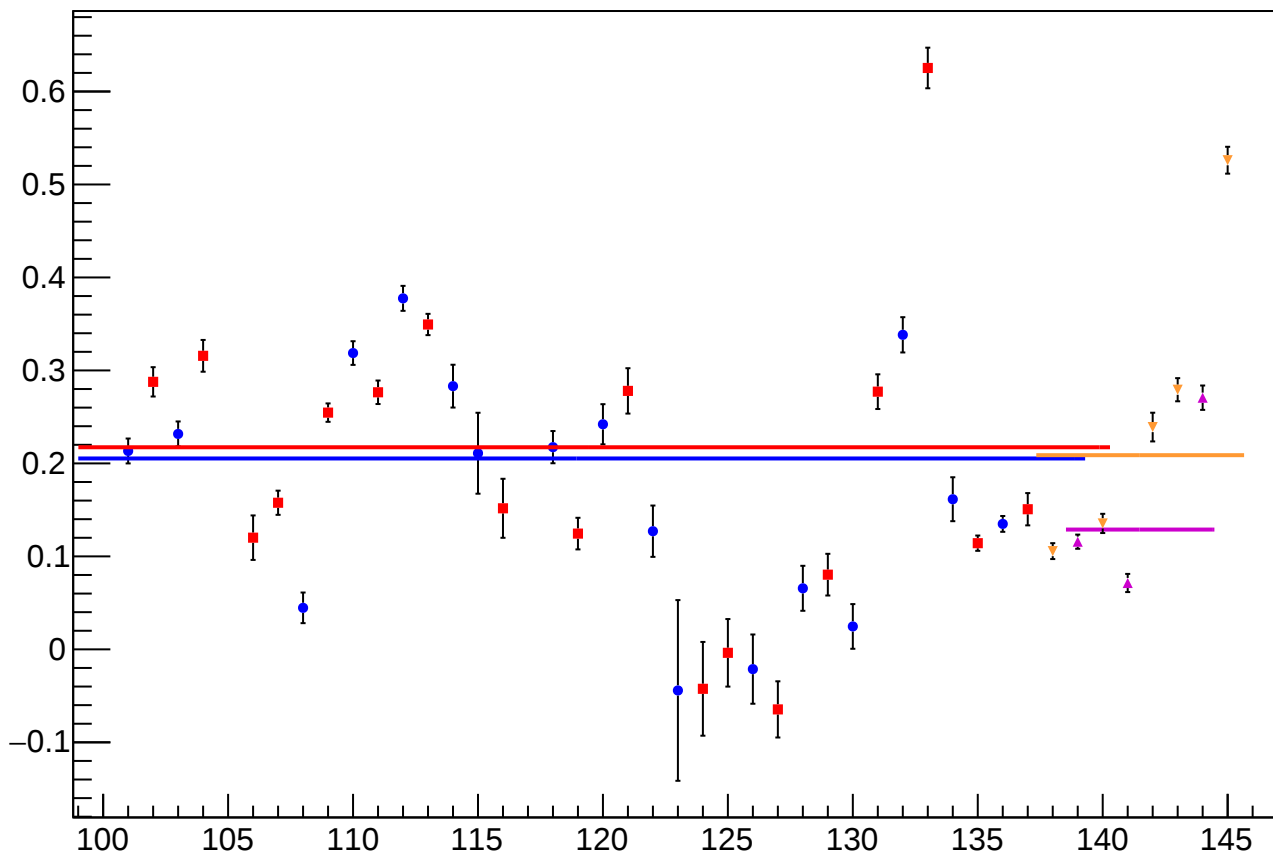
Right: -1.604 ± 0.048 $\chi^2/\text{NDF}: 2756.9/34$

In: -1.433 ± 0.063 $\chi^2/\text{NDF}: 1741.8/19$

Out: -1.400 ± 0.057 $\chi^2/\text{NDF}: 1857.9/22$

All: -1.415 ± 0.042 $\chi^2/\text{NDF}: 3599.9/42$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 0.209 ± 0.005 $\chi^2/\text{NDF}: 714.2/4$

Right Out: 0.217 ± 0.004 $\chi^2/\text{NDF}: 1019.4/17$

Left In: 0.129 ± 0.005 $\chi^2/\text{NDF}: 154.7/2$

Left: 0.172 ± 0.004 $\chi^2/\text{NDF}: 983.5/7$

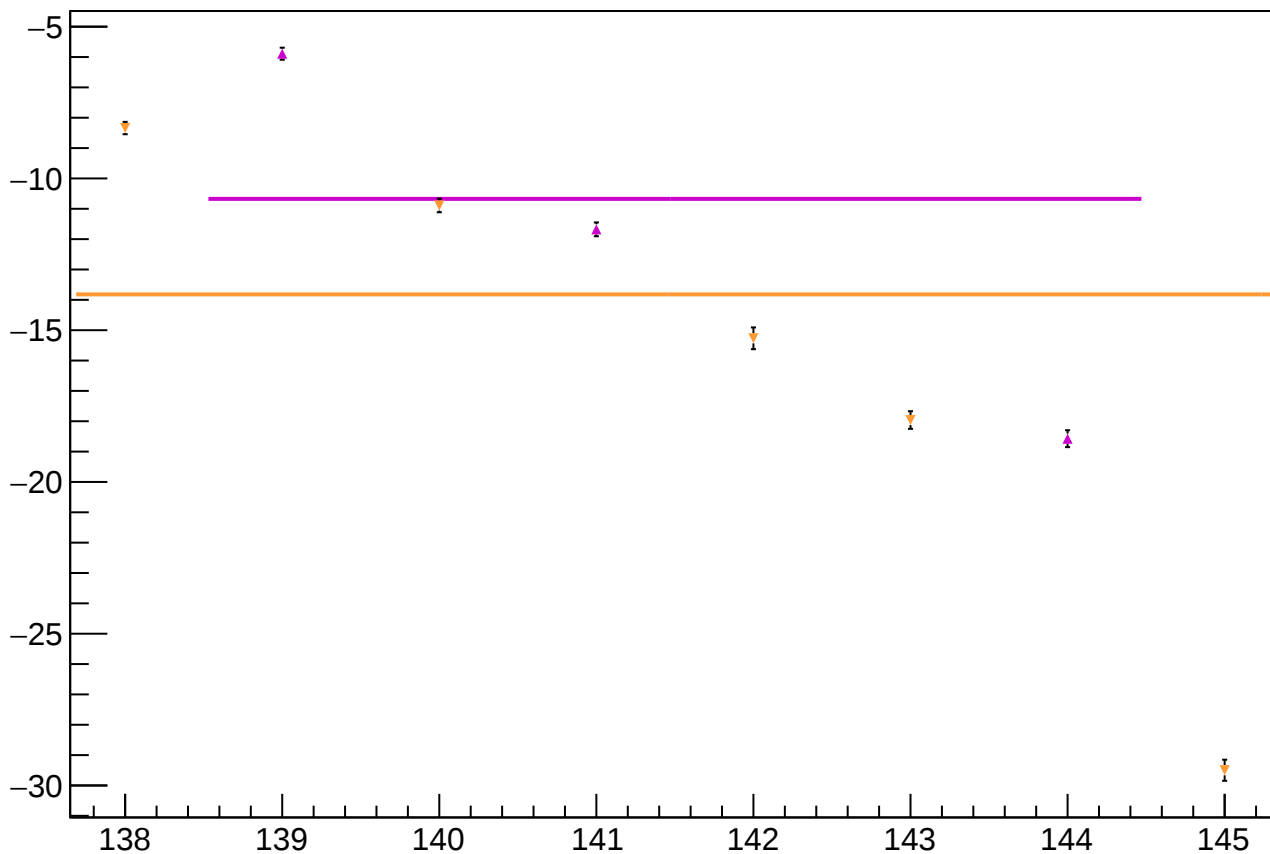
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1644.6/34$

In: 0.177 ± 0.003 $\chi^2/\text{NDF}: 899.6/19$

Out: 0.214 ± 0.003 $\chi^2/\text{NDF}: 1735.4/22$

All: 0.198 ± 0.002 $\chi^2/\text{NDF}: 2703.8/42$

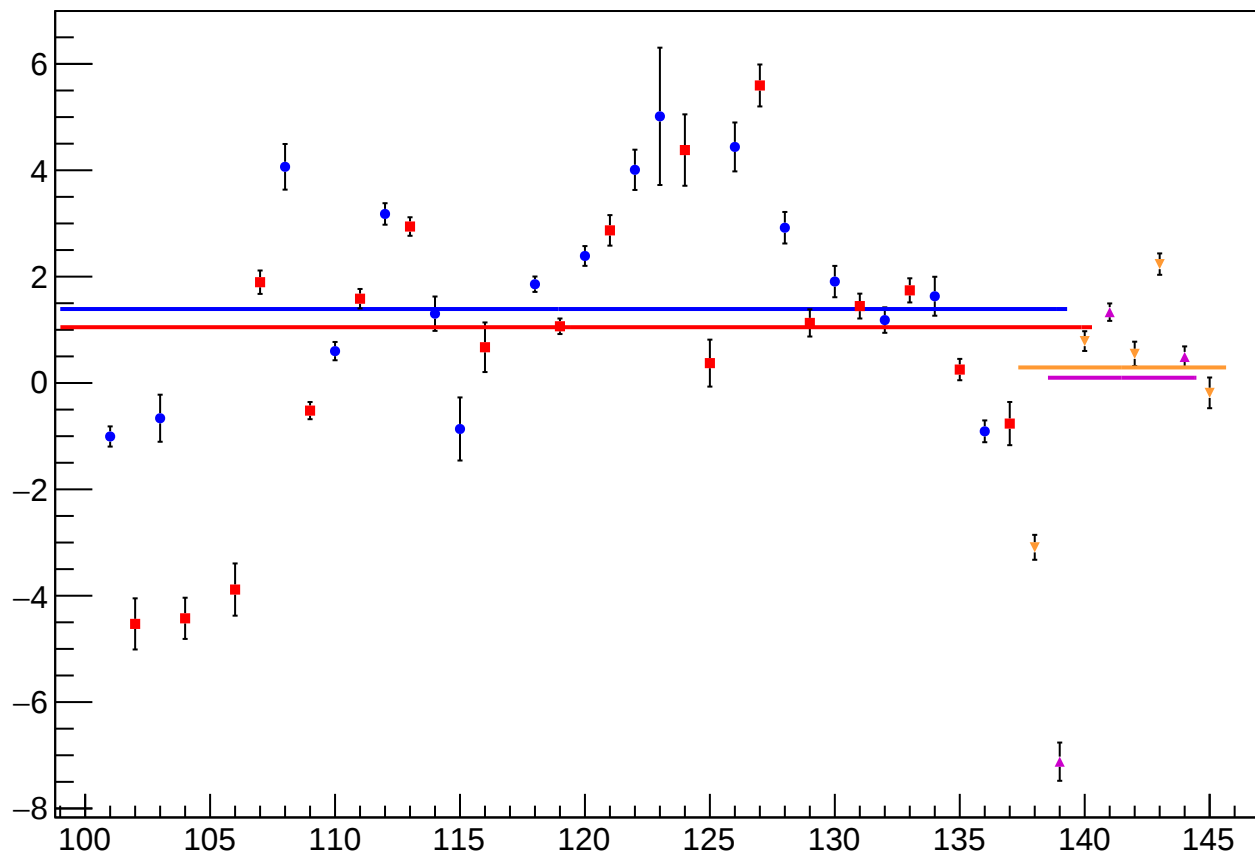
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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: -10.673+/-0.132 χ^2/NDF :1402.8/2

Left: -12.422+/-0.088 χ^2/NDF : 4866.7/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.673+/-0.132 χ^2/NDF :1402.8/2
 Out: -13.820+/-0.118 χ^2/NDF :3147.6/4
 All: -12.422+/-0.088 χ^2/NDF : 4866.7/7

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: 0.099 $\pm$ 0.119 χ^2 /NDF:463.8/2

Left: 0.214 $\pm$ 0.076 χ^2 /NDF: 778.0/7

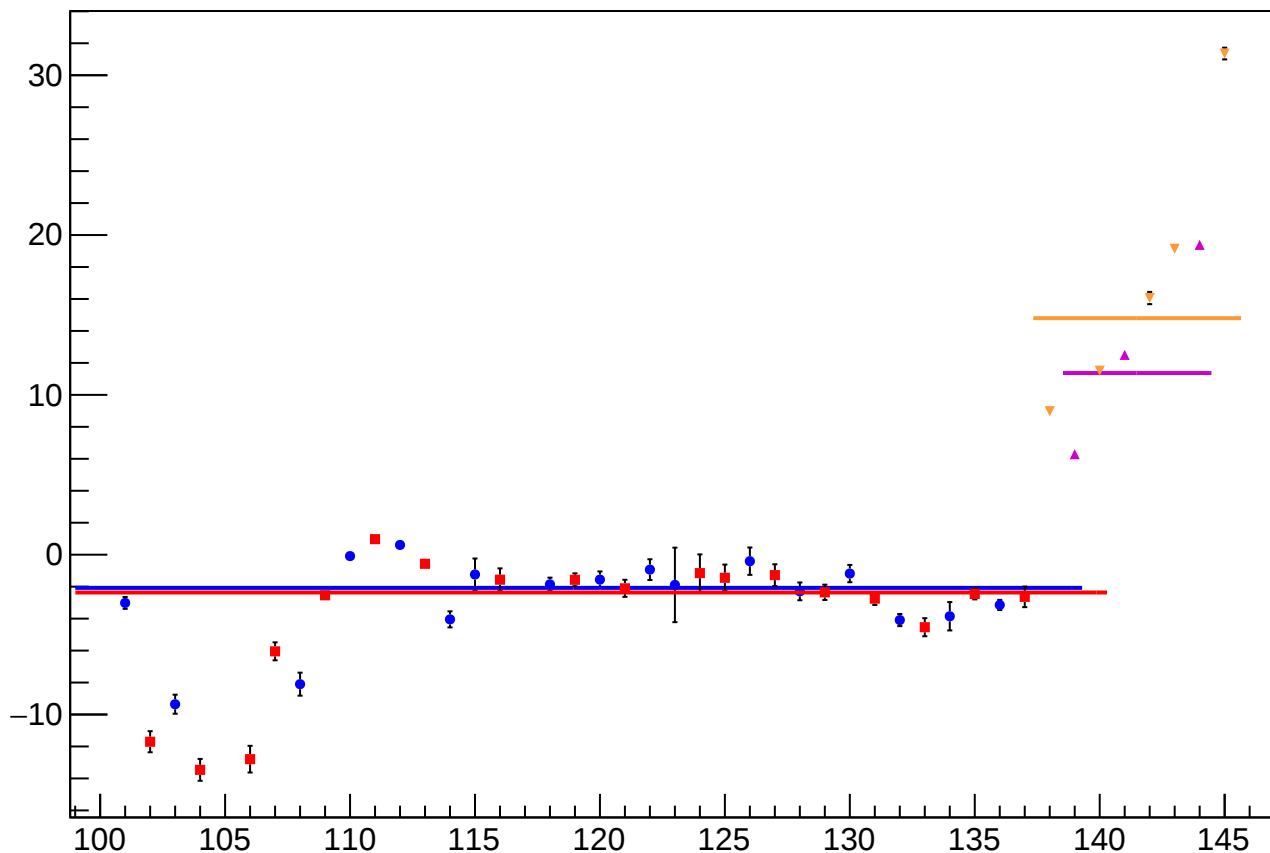
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.123 $\pm$ 0.054 χ^2 /NDF:1186.2/19

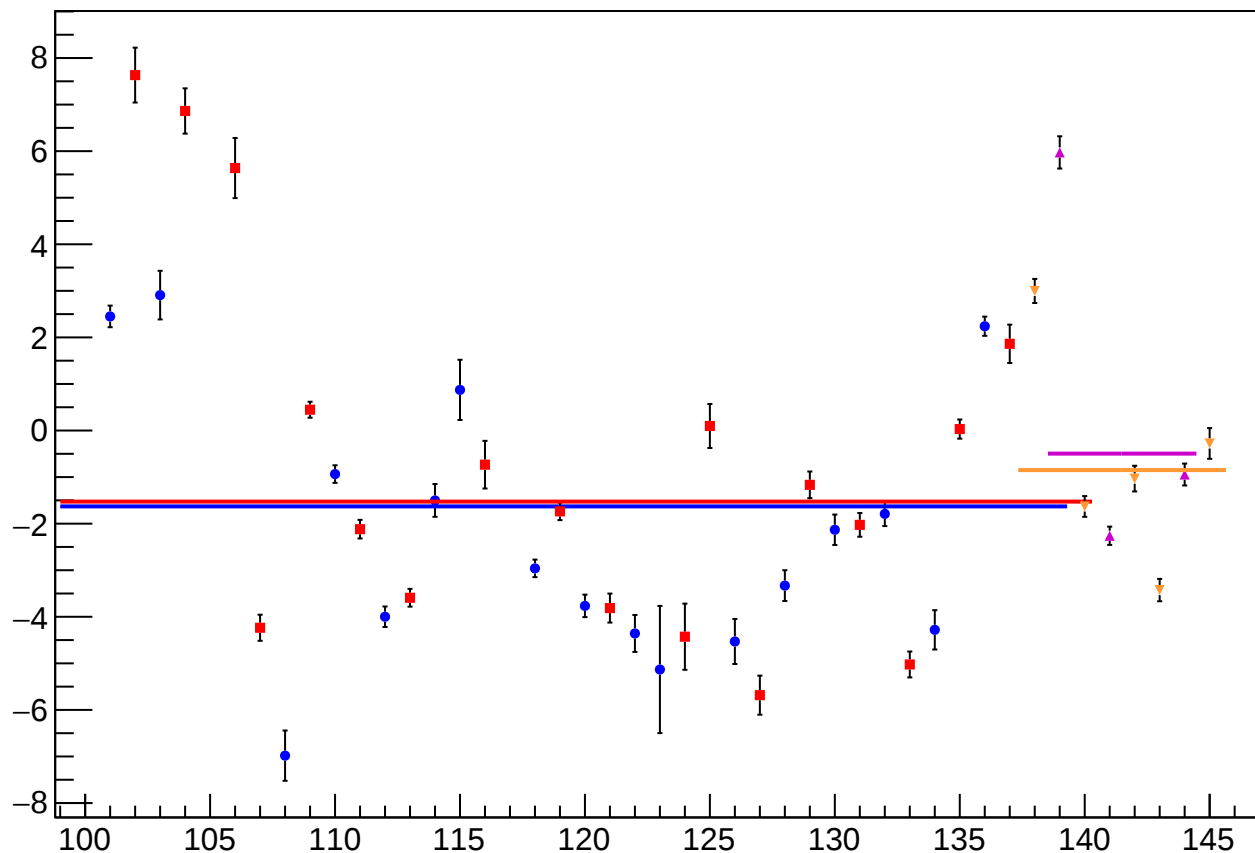
Out: 0.855 $\pm$ 0.050 χ^2 /NDF:1276.3/22

All: 0.978 $\pm$ 0.037 χ^2 /NDF: 2475.7/42

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -0.496 ± 0.138 χ^2/NDF : 433.2/2

Left: -0.704 ± 0.089 χ^2/NDF : 788.9/7

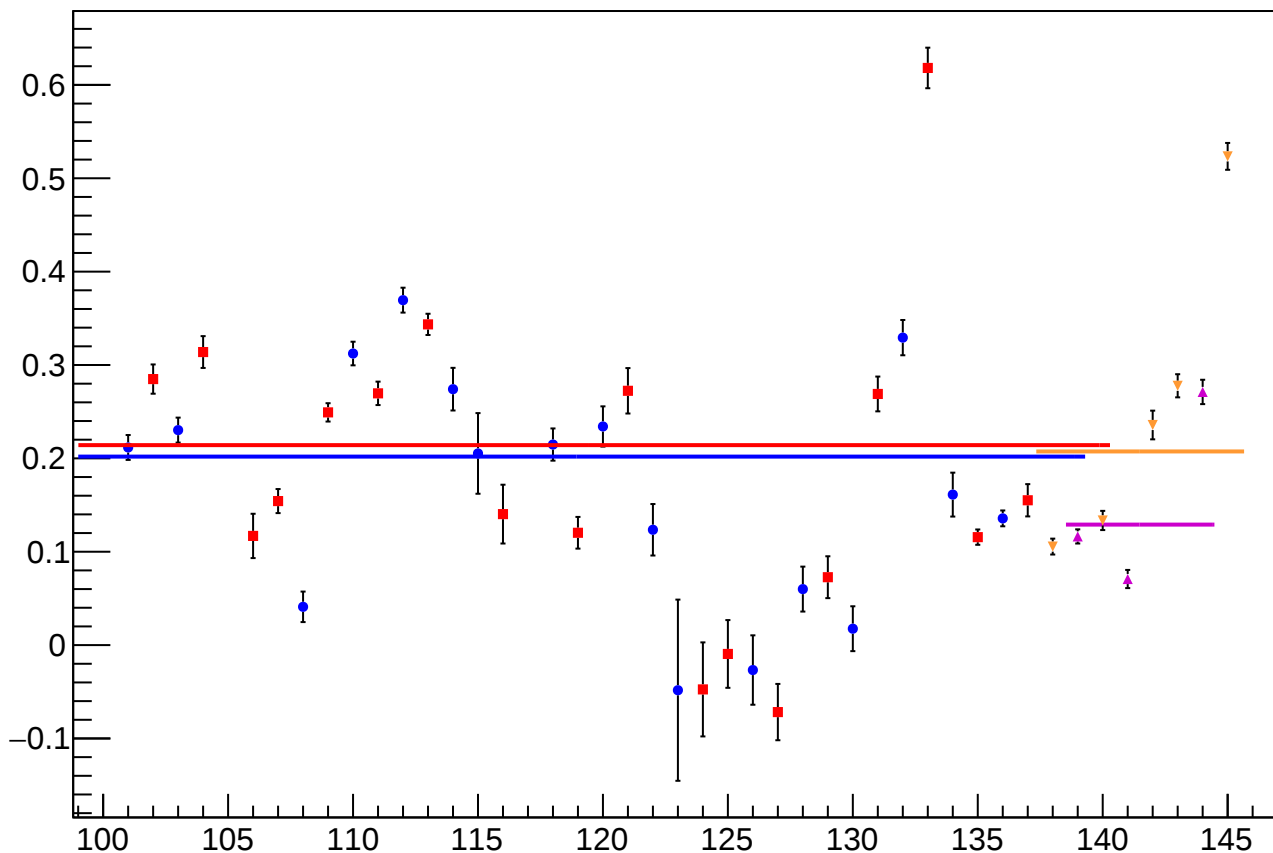
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.397 ± 0.063 χ^2/NDF : 1753.1/19

Out: -1.362 ± 0.057 χ^2/NDF : 1866.0/22

All: -1.378 ± 0.042 χ^2/NDF : 3619.2/42

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.207 ± 0.005 $\chi^2/\text{NDF}: 713.6/4$

Right Out: 0.214 ± 0.004 $\chi^2/\text{NDF}: 1001.6/17$

Left In: 0.129 ± 0.005 $\chi^2/\text{NDF}: 157.3/2$

Left: 0.171 ± 0.004 $\chi^2/\text{NDF}: 981.8/7$

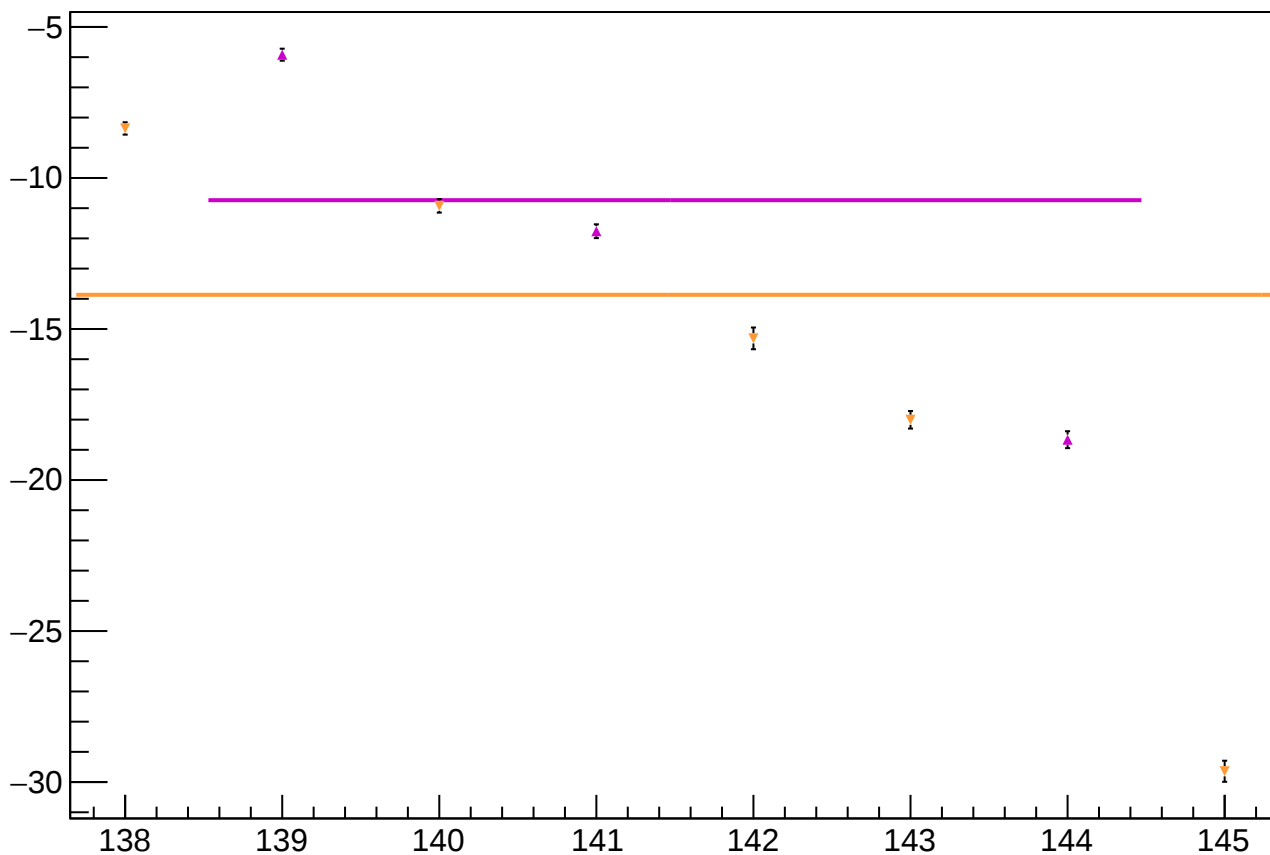
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1611.2/34$

In: 0.175 ± 0.003 $\chi^2/\text{NDF}: 875.9/19$

Out: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1716.3/22$

All: 0.195 ± 0.002 $\chi^2/\text{NDF}: 2659.8/42$

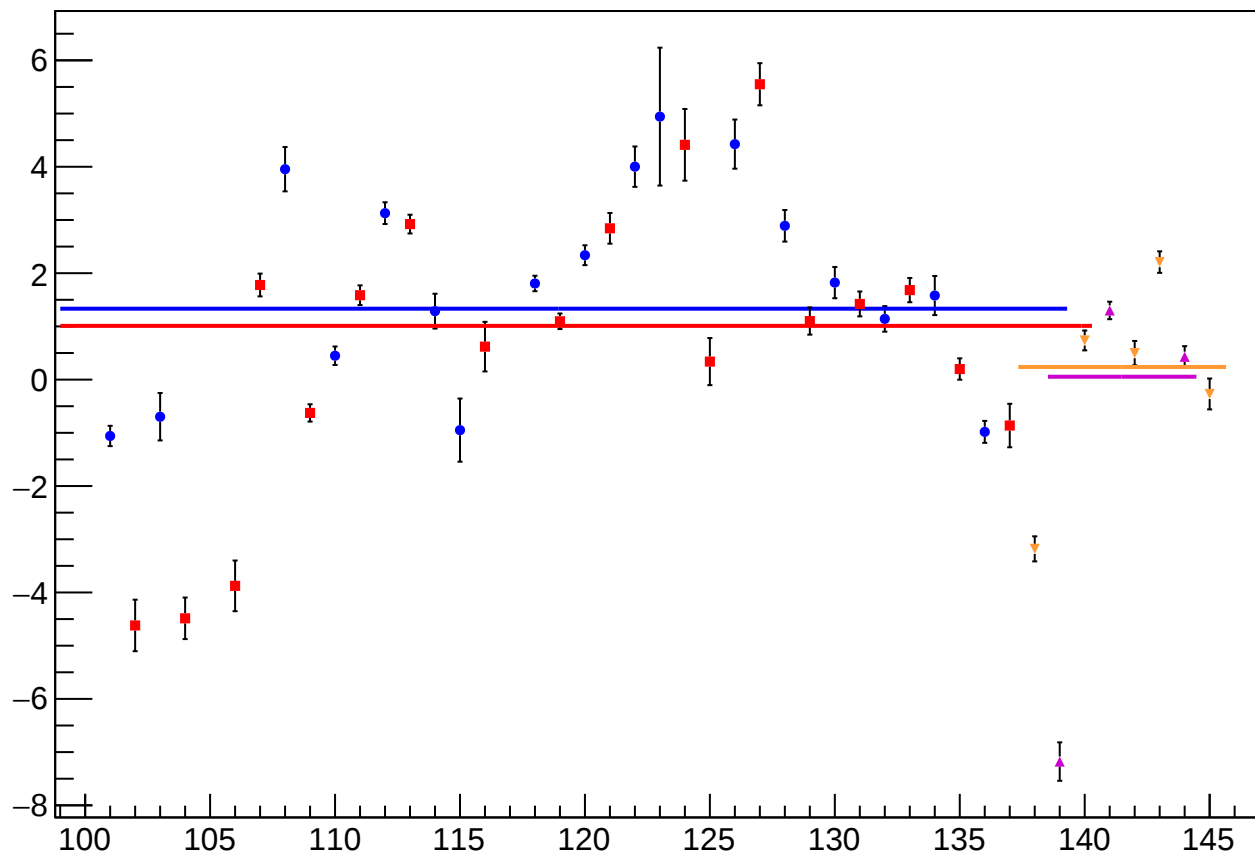
reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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: -10.735+/-0.132 χ^2/NDF :1405.0/2

Left: -12.476+/-0.088 χ^2/NDF : 4867.9/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.735+/-0.132 χ^2/NDF :1405.0/2
 Out: -13.868+/-0.118 χ^2/NDF :3152.3/4
 All: -12.476+/-0.088 χ^2/NDF : 4867.9/7

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: 0.054 ± 0.120 χ^2/NDF : 462.0/2

Left: 0.163 ± 0.076 χ^2/NDF : 780.7/7

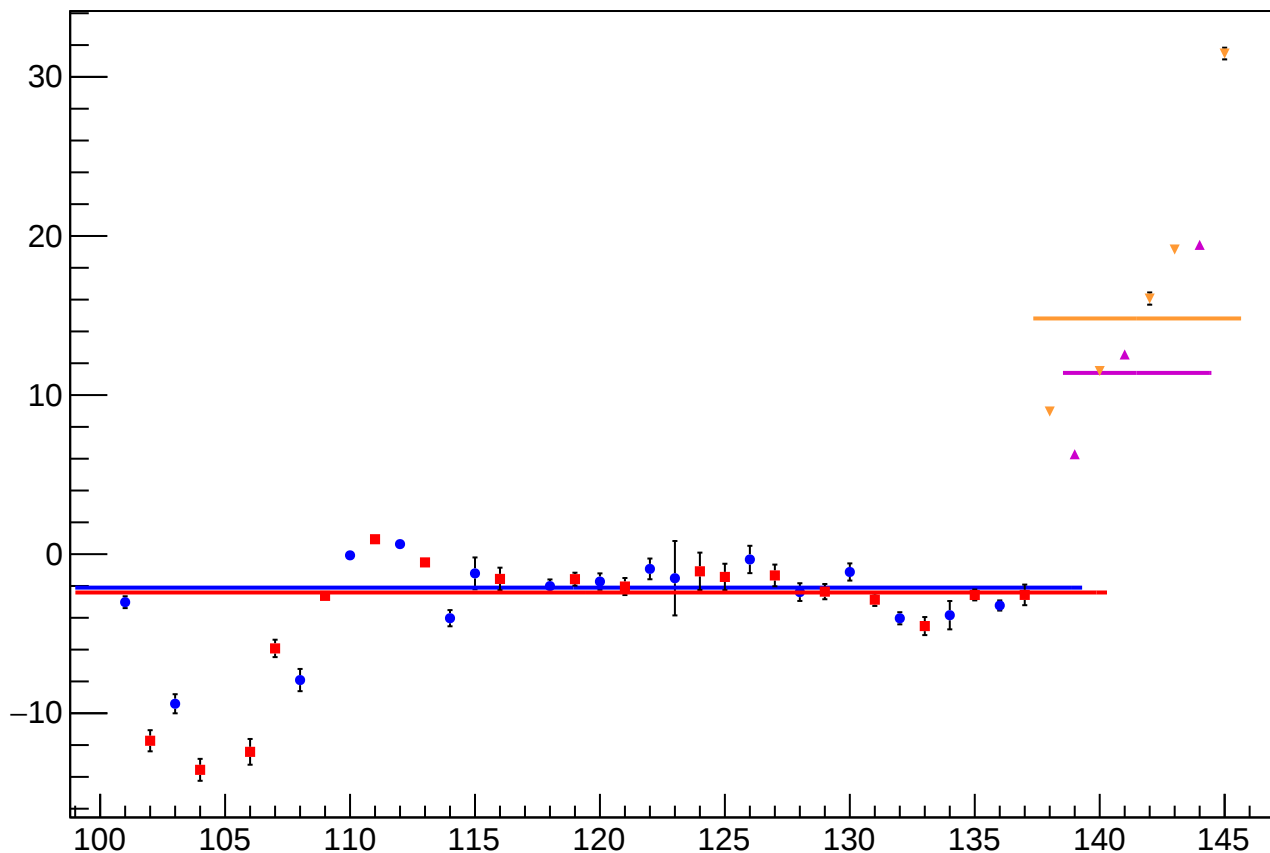
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.068 ± 0.054 χ^2/NDF : 1187.0/19

Out: 0.812 ± 0.050 χ^2/NDF : 1293.0/22

All: 0.929 ± 0.037 χ^2/NDF : 2492.0/42

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: 11.393 ± 0.142 χ^2/NDF : 1307.2/2

Left: 13.296 ± 0.095 χ^2/NDF : 4752.0/7

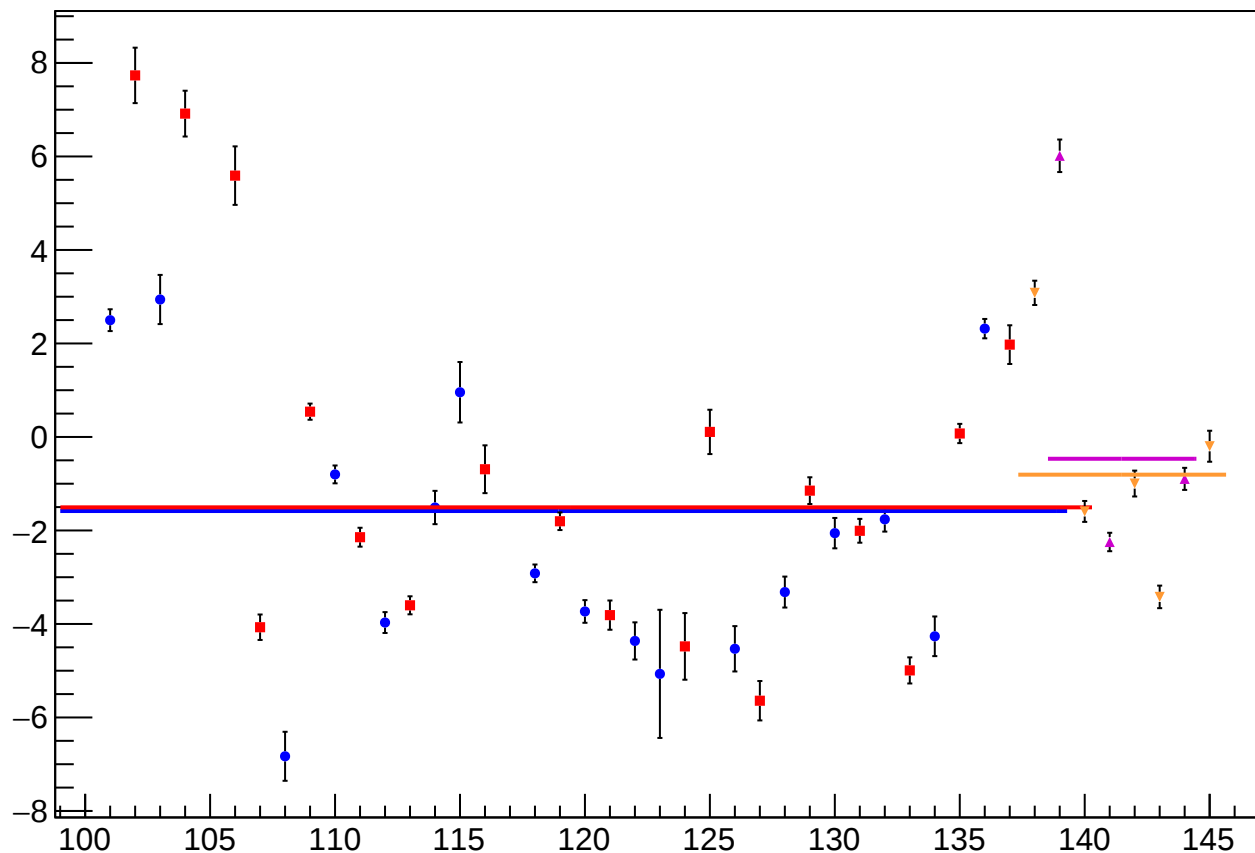
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 3.004 ± 0.087 χ^2/NDF : 7355.1/19

Out: 4.122 ± 0.078 χ^2/NDF : 15434.6/22

All: 3.625 ± 0.058 χ^2/NDF : 22880.5/42

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: -0.466 ± 0.139 χ^2/NDF : 431.8/2

Left: -0.666 ± 0.089 χ^2/NDF : 792.9/7

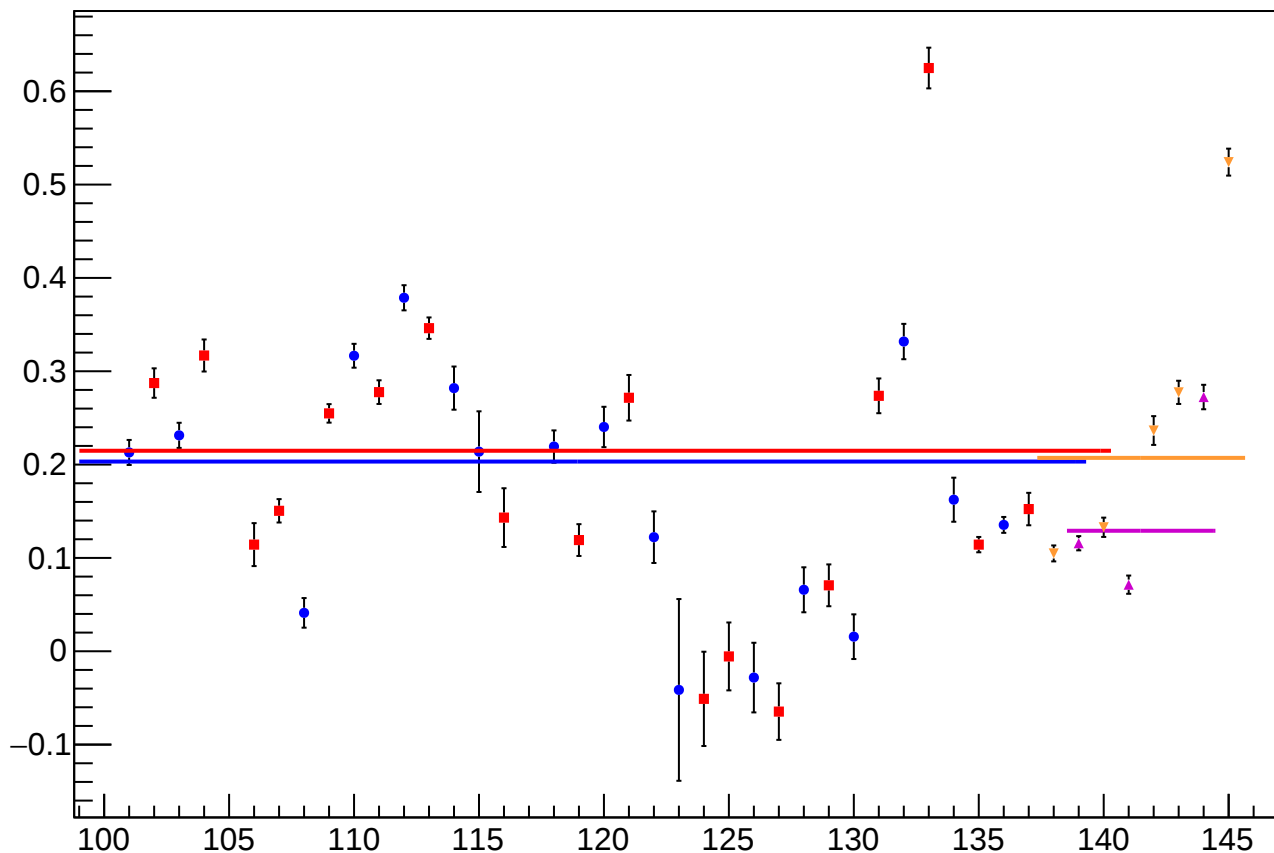
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.355 ± 0.063 χ^2/NDF : 1755.6/19

Out: -1.336 ± 0.057 χ^2/NDF : 1884.8/22

All: -1.345 ± 0.042 χ^2/NDF : 3640.5/42

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: 0.129 ± 0.005 χ^2/NDF : 157.6/2

Left: 0.171 ± 0.004 χ^2/NDF : 978.4/7

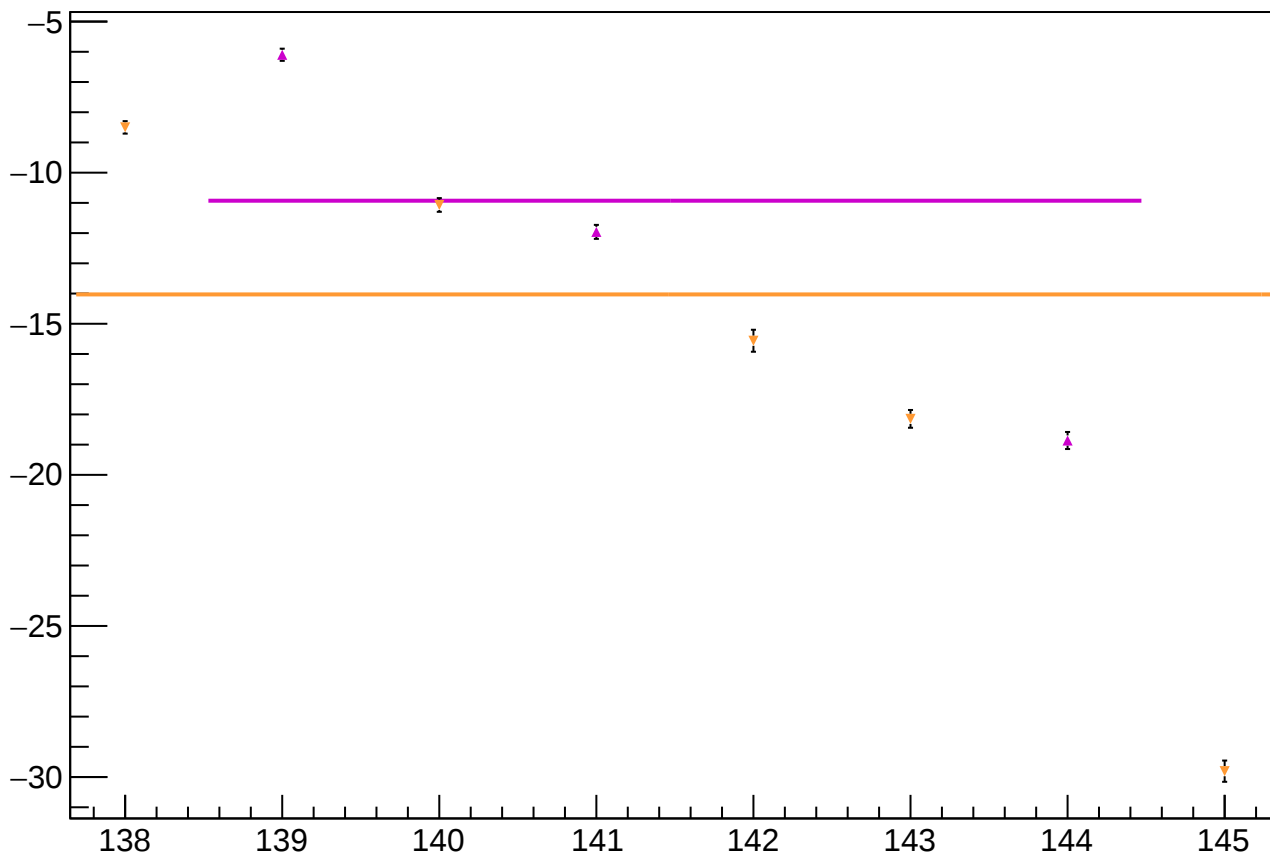
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.176 ± 0.003 χ^2/NDF : 907.5/19

Out: 0.212 ± 0.003 χ^2/NDF : 1746.0/22

All: 0.196 ± 0.002 χ^2/NDF : 2718.6/42

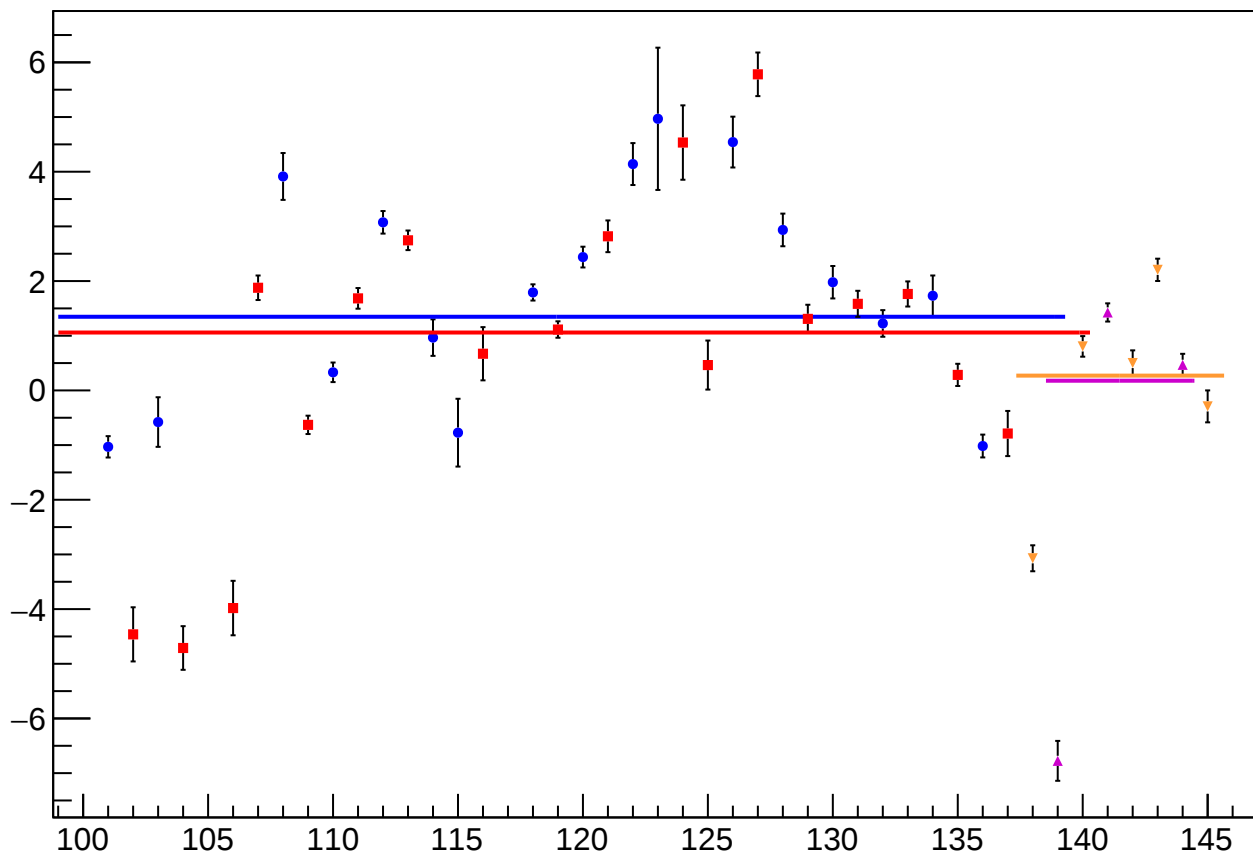
reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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: -10.928+/-0.134 χ^2/NDF :1383.1/2

Left: -12.653+/-0.089 χ^2/NDF : 4793.4/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.928+/-0.134 χ^2/NDF :1383.1/2
 Out: -14.029+/-0.120 χ^2/NDF :3111.9/4
 All: -12.653+/-0.089 χ^2/NDF : 4793.4/7

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: 0.177 $\pm$ 0.121 χ^2 /NDF:421.5/2

Left: 0.233 $\pm$ 0.077 χ^2 /NDF: 722.3/7

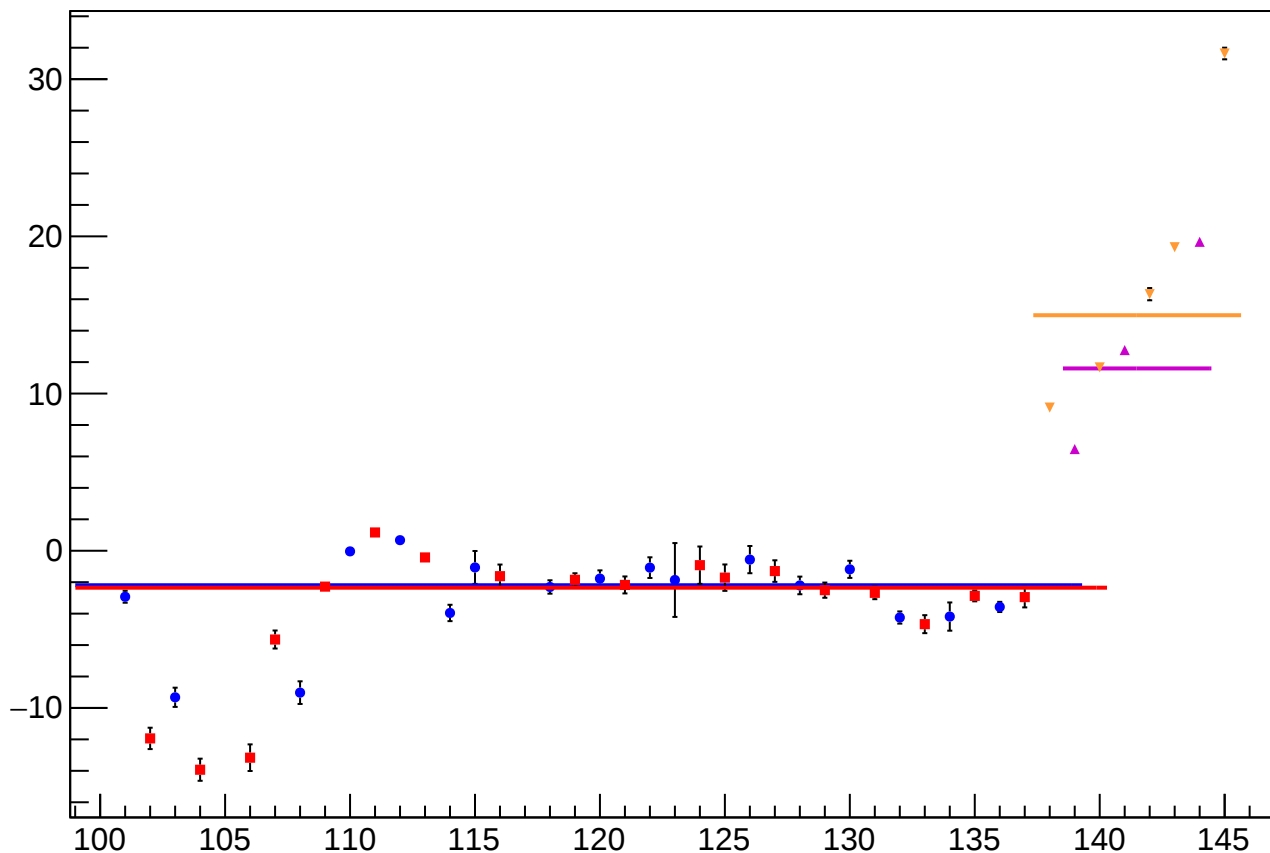
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.102 $\pm$ 0.055 χ^2 /NDF:1125.5/19

Out: 0.853 $\pm$ 0.051 χ^2 /NDF:1251.9/22

All: 0.967 $\pm$ 0.038 χ^2 /NDF: 2388.3/42

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 14.983 ± 0.128 χ^2/NDF : 3082.8/4

Right Out: -2.350 ± 0.101 χ^2/NDF : 908.5/17

Left In: 11.598 ± 0.144 χ^2/NDF : 1288.1/2

Left: 13.483 ± 0.096 χ^2/NDF : 4680.2/7

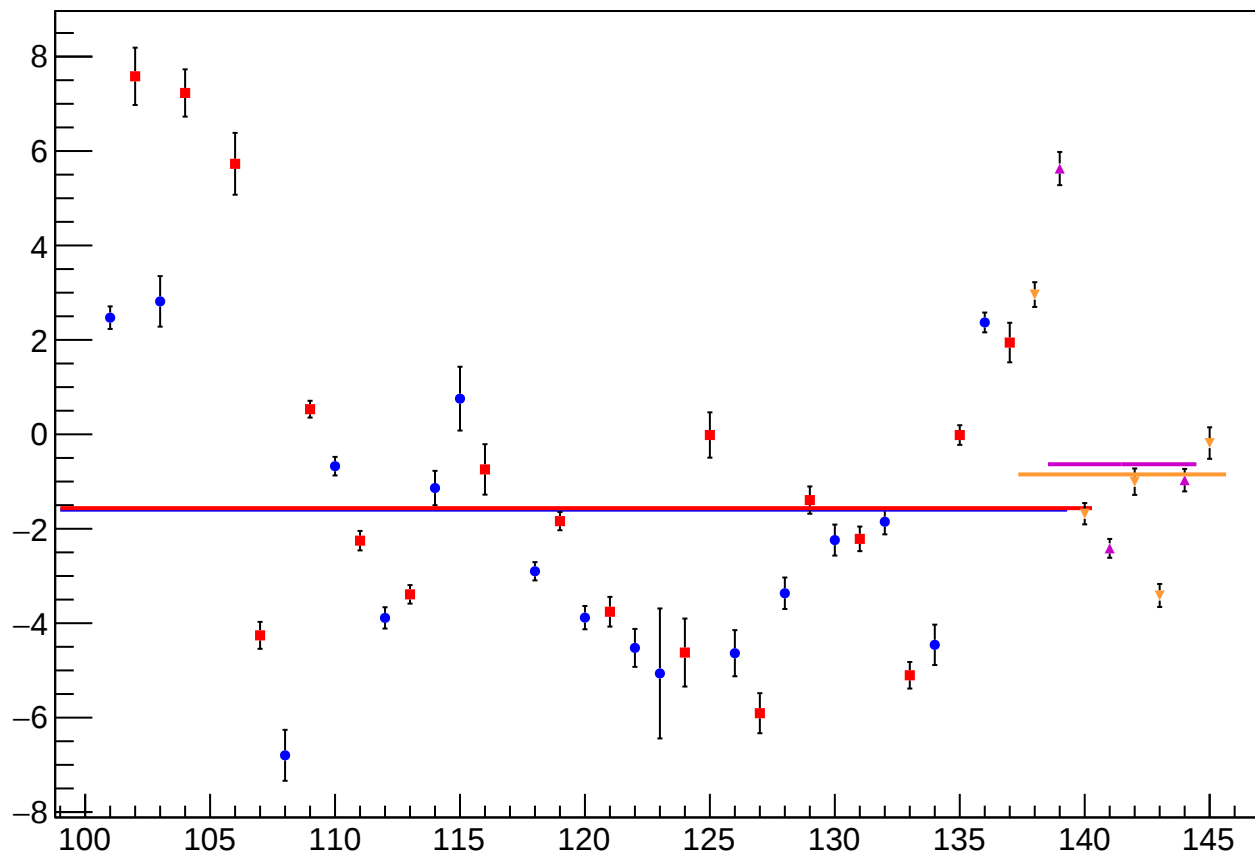
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34

In: 3.071 ± 0.089 χ^2/NDF : 7454.0/19

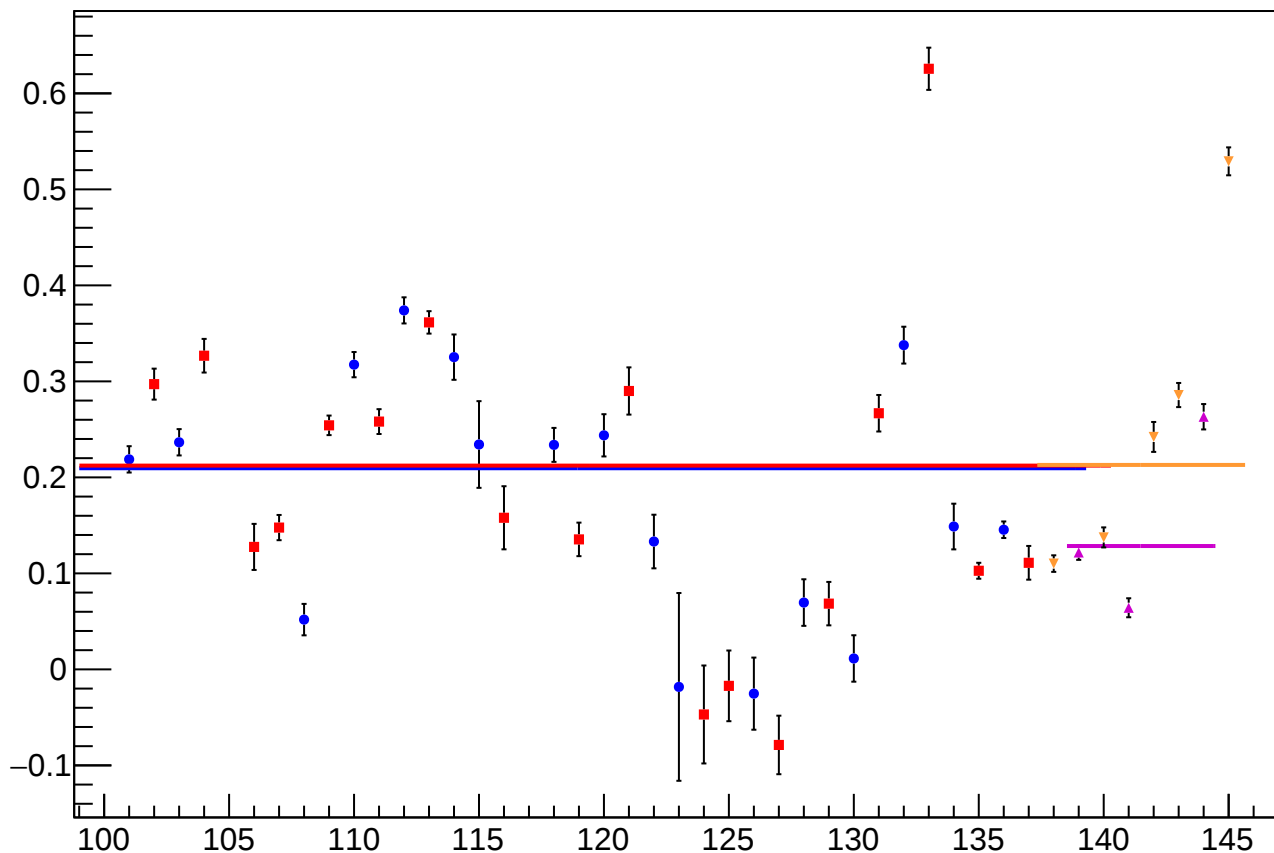
Out: 4.319 ± 0.079 χ^2/NDF : 15247.6/22

All: 3.764 ± 0.059 χ^2/NDF : 22811.4/42

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.128 ± 0.006 χ^2/NDF : 146.9/2

Left: 0.174 ± 0.004 χ^2/NDF : 976.2/7

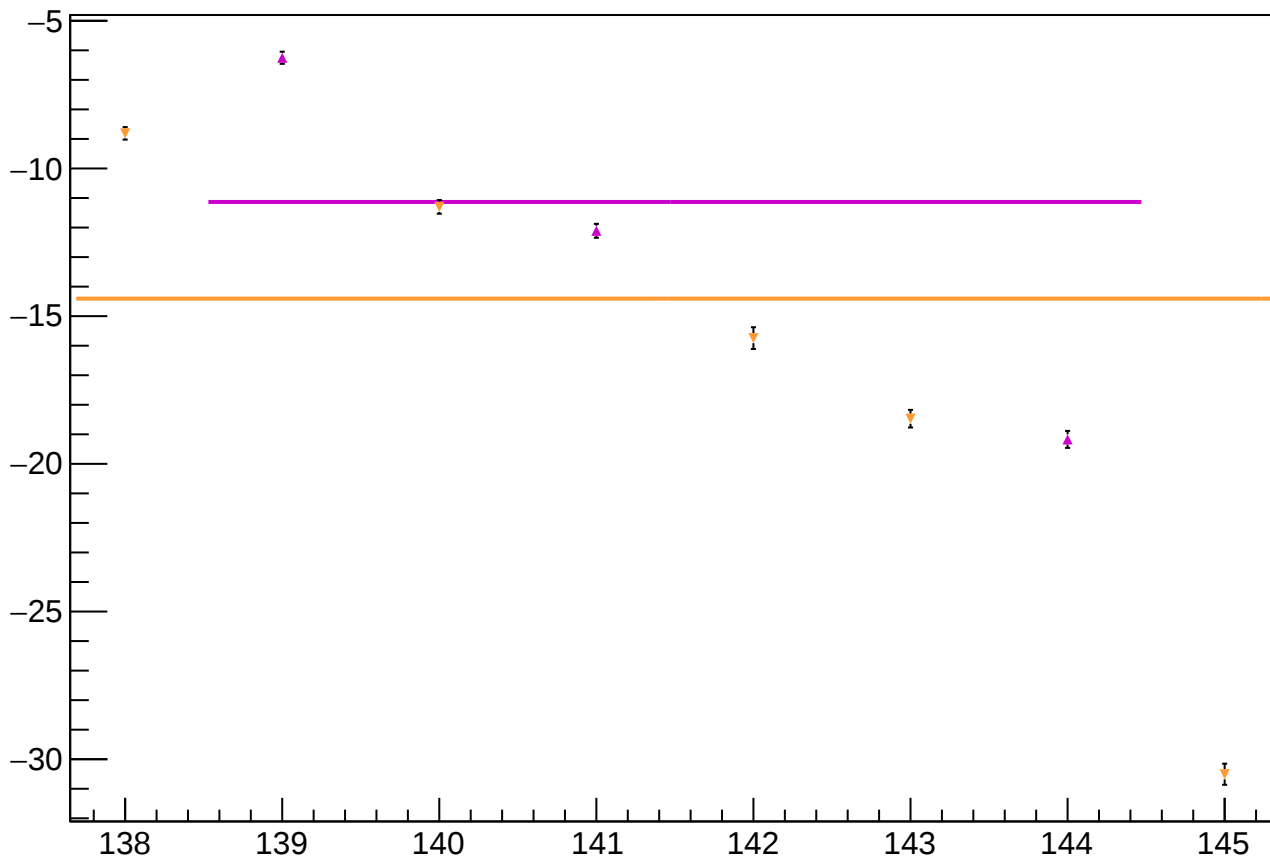
Right: 0.211 ± 0.003 χ^2/NDF : 1694.9/34

In: 0.180 ± 0.003 χ^2/NDF : 880.8/19

Out: 0.213 ± 0.003 χ^2/NDF : 1801.0/22

All: 0.198 ± 0.002 χ^2/NDF : 2734.2/42

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: -11.133+/-0.137 χ^2/NDF :1358.3/2

Left: -12.953+/-0.091 χ^2/NDF : 4775.0/7

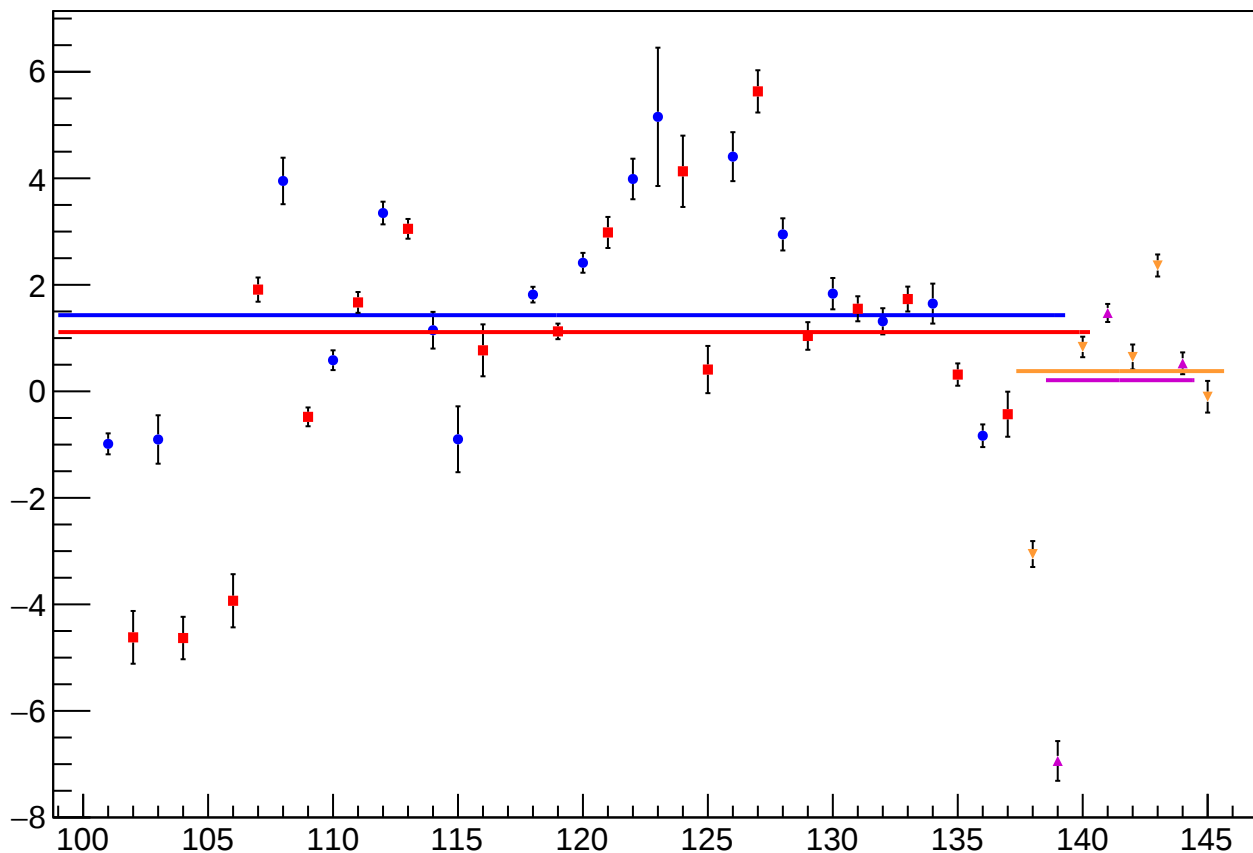
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.133+/-0.137 χ^2/NDF :1358.3/2

Out: -14.406+/-0.122 χ^2/NDF :3097.7/4

All: -12.953+/-0.091 χ^2/NDF : 4775.0/7

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 0.380 ± 0.102 χ^2/NDF : 300.3/4

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 0.209 ± 0.123 χ^2/NDF : 425.2/2

Left: 0.311 ± 0.078 χ^2/NDF : 726.6/7

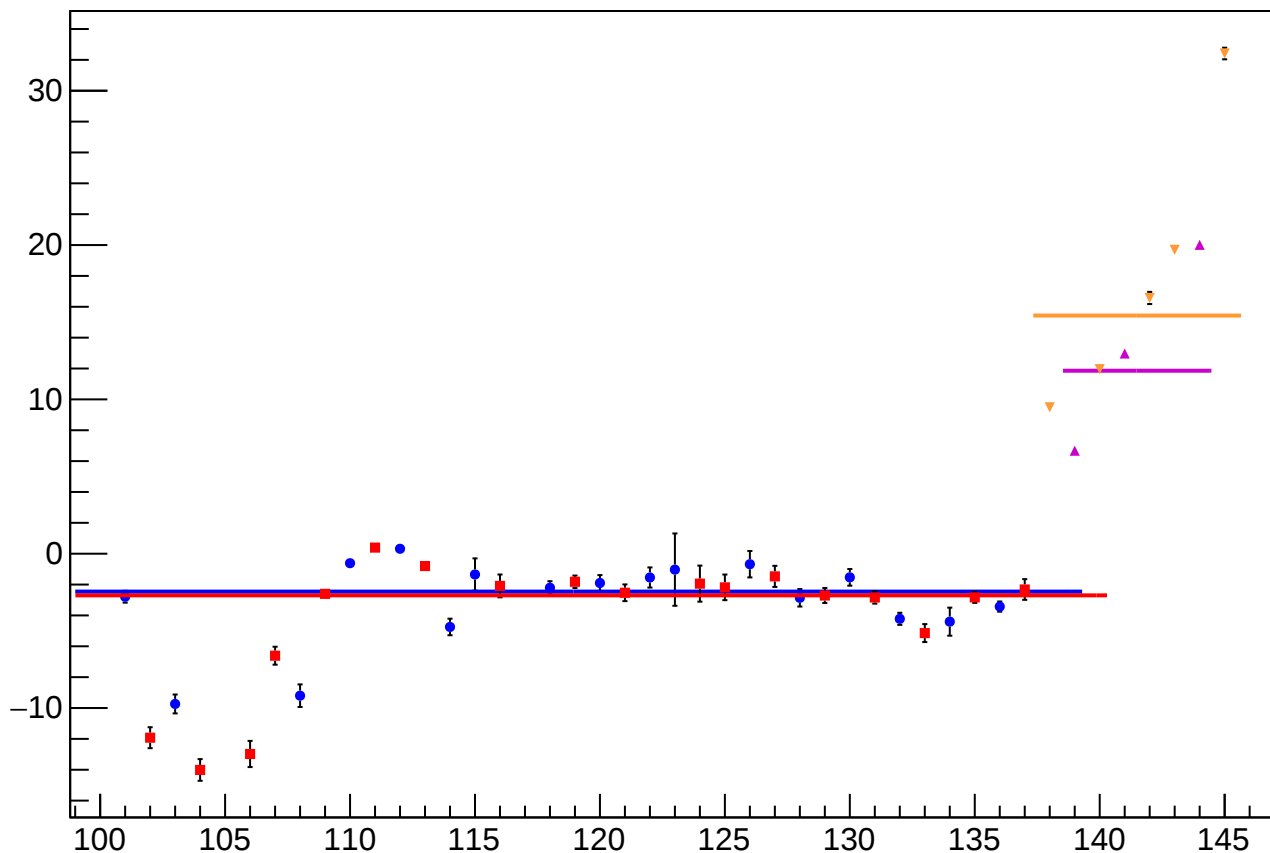
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 1.179 ± 0.056 χ^2/NDF : 1101.1/19

Out: 0.923 ± 0.052 χ^2/NDF : 1226.4/22

All: 1.041 ± 0.038 χ^2/NDF : 2338.7/42

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: 11.857 ± 0.147 χ^2/NDF : 1263.4/2

Left: 13.846 ± 0.098 χ^2/NDF : 4662.5/7

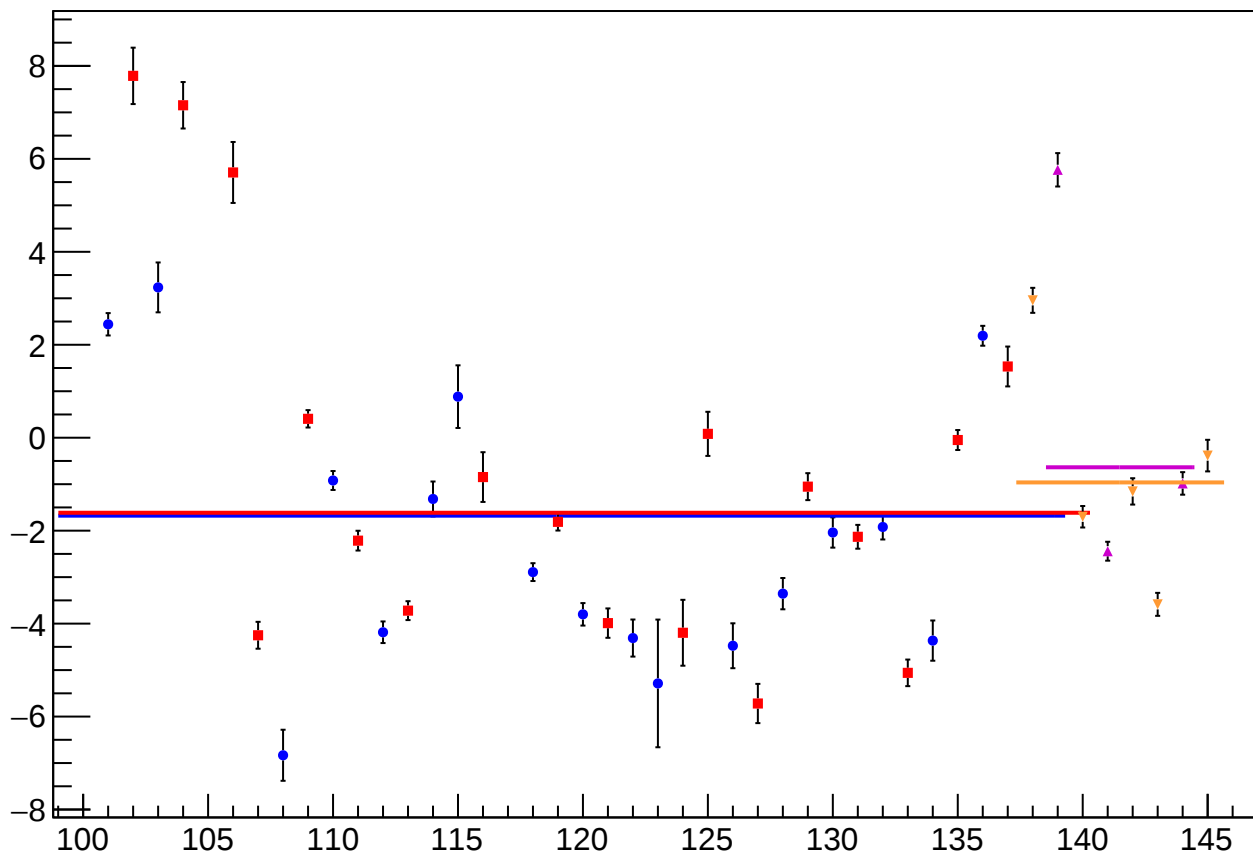
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 2.972 ± 0.090 χ^2/NDF : 7602.6/19

Out: 4.282 ± 0.081 χ^2/NDF : 15700.7/22

All: 3.696 ± 0.060 χ^2/NDF : 23419.6/42

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: -0.636 ± 0.143 χ^2/NDF : 398.3/2

Left: -0.828 ± 0.092 χ^2/NDF : 739.7/7

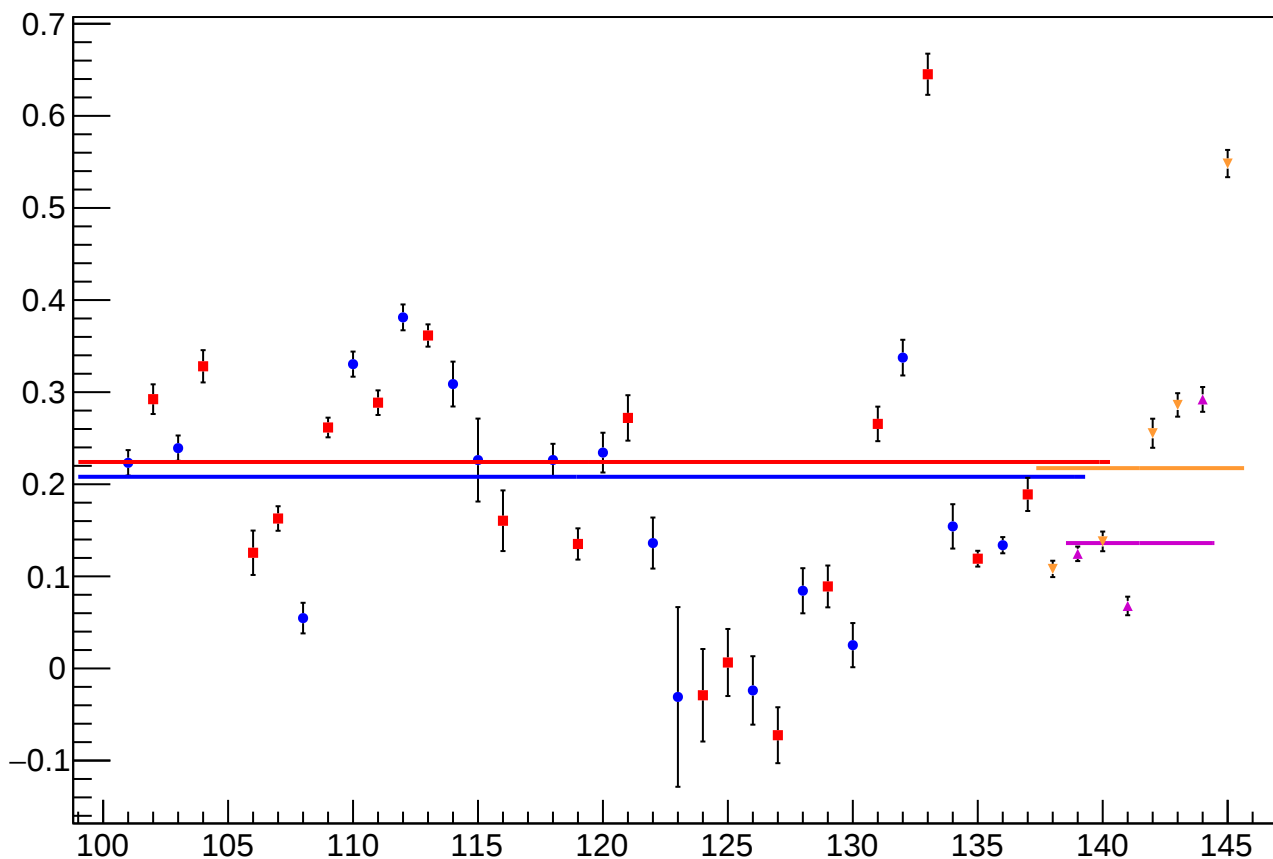
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.464 ± 0.065 χ^2/NDF : 1645.2/19

Out: -1.455 ± 0.059 χ^2/NDF : 1788.2/22

All: -1.459 ± 0.044 χ^2/NDF : 3433.4/42

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: 0.136 $\pm$ 0.006 χ^2 /NDF: 182.4/2

Left: 0.180 $\pm$ 0.004 χ^2 /NDF: 1035.8/7

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.182 $\pm$ 0.003 χ^2 /NDF: 886.3/19

Out: 0.222 $\pm$ 0.003 χ^2 /NDF: 1738.8/22

All: 0.204 $\pm$ 0.002 χ^2 /NDF: 2700.3/42