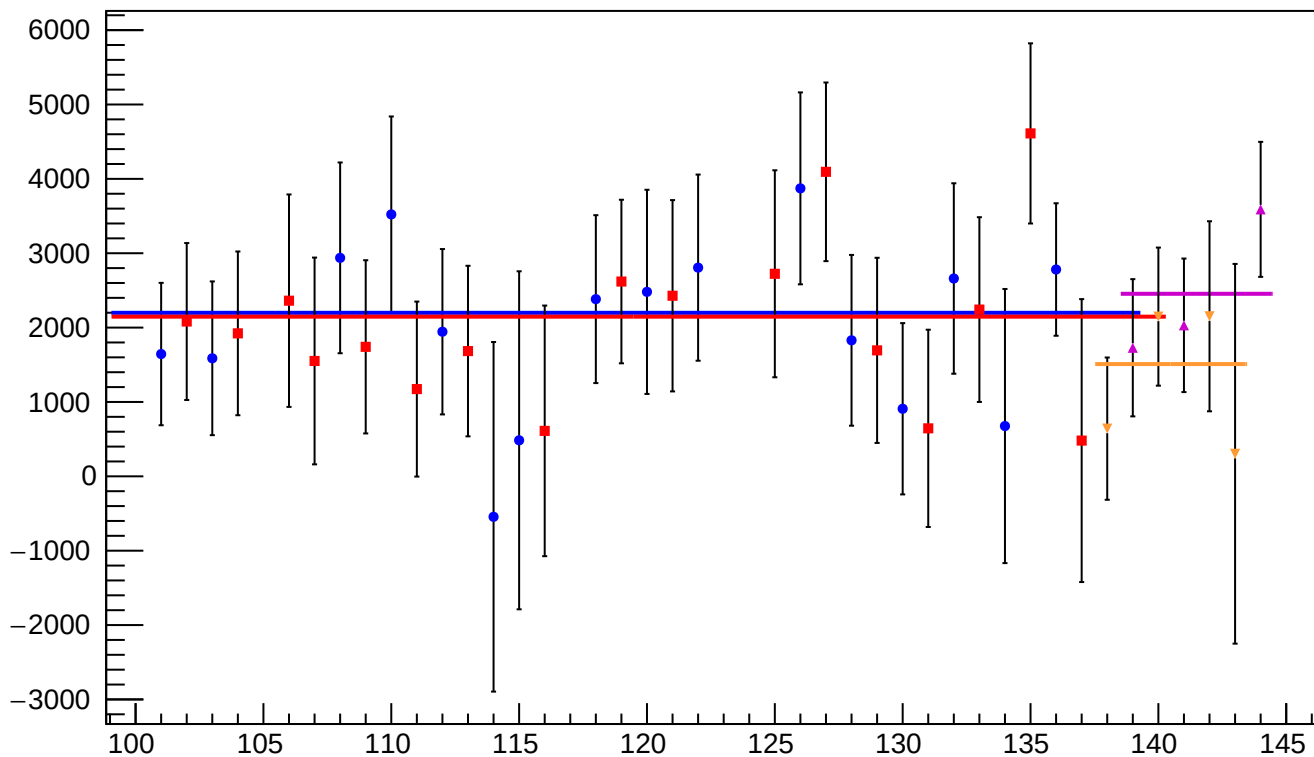


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1509.456+/-575.560

Right Out: 2147.149+/-304.804

Left In: 2454.558+/-524.947

χ^2/NDF : 8.6/15

χ^2/NDF : 1.8/3

χ^2/NDF : 11.4/16

χ^2/NDF : 2.4/2

Left: 2025.382+/-387.855

Right: 2172.848+/-216.219

In: 2263.966+/-264.858

Out: 2007.478+/-269.363

All: 2137.885+/-188.856

χ^2/NDF : 5.7/6

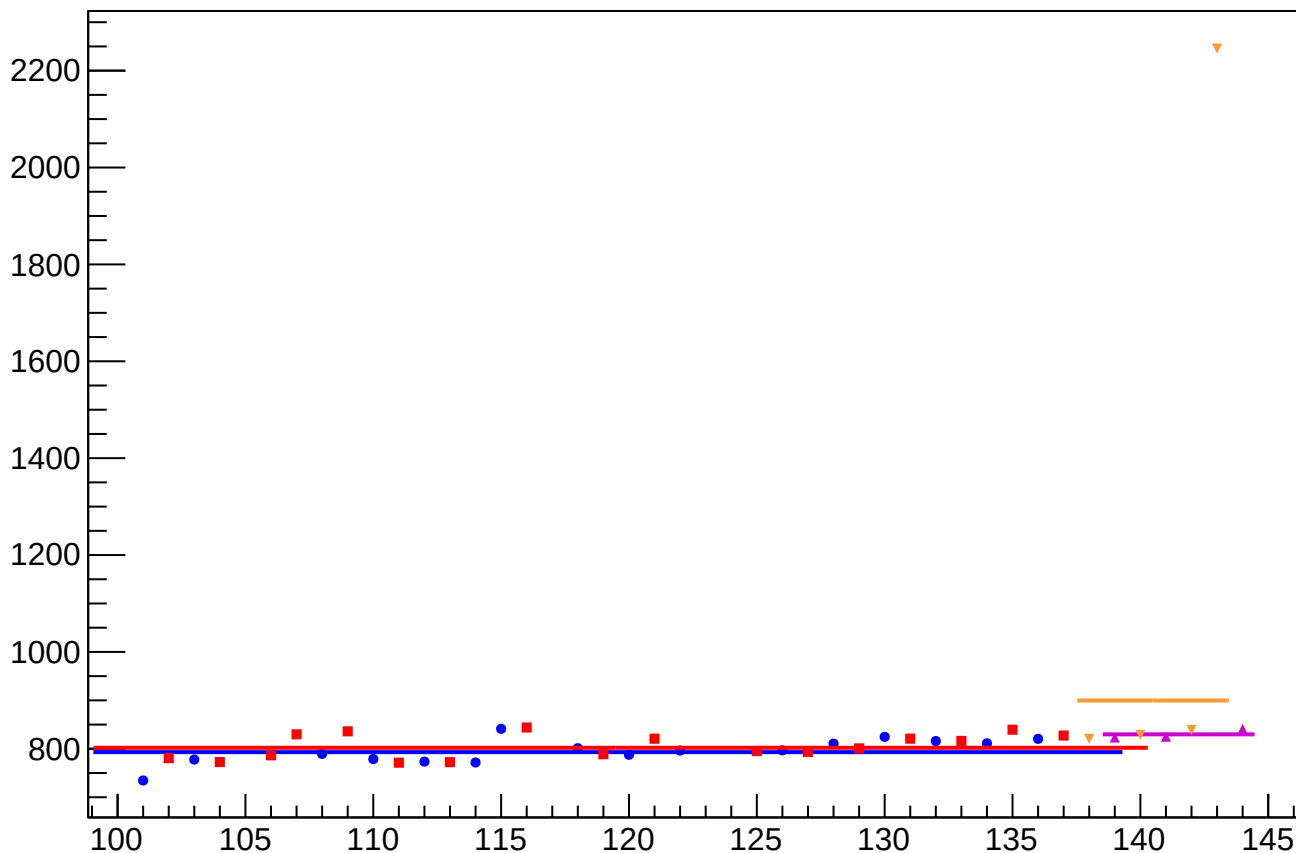
χ^2/NDF : 20.0/32

χ^2/NDF : 11.2/18

χ^2/NDF : 14.1/20

χ^2/NDF : 25.8/39

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 899.739 ± 0.407 χ^2/NDF : 585838.9/3

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: 861.566 ± 0.274 χ^2/NDF : 602411.9/6

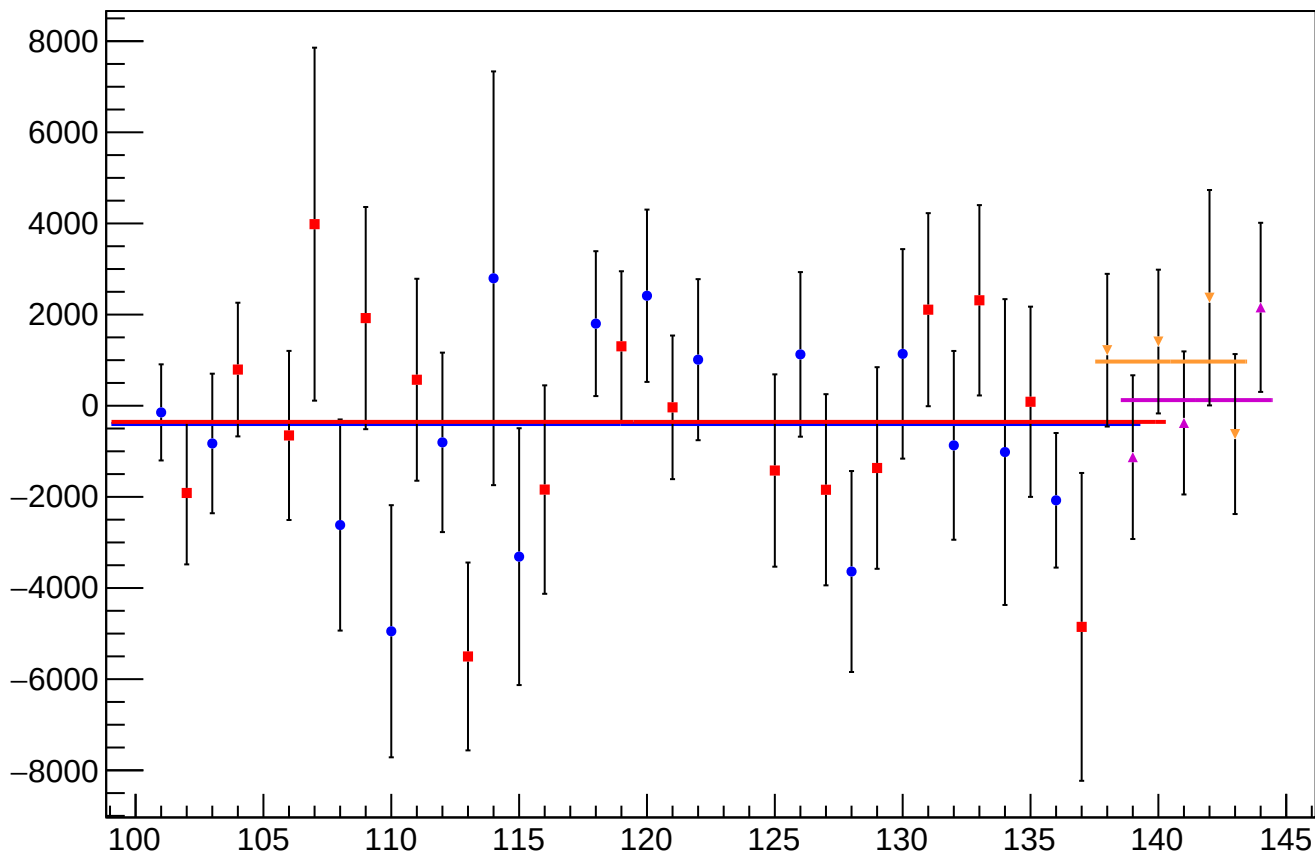
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 802.439 ± 0.187 χ^2/NDF : 22455.5/18

Out: 823.523 ± 0.190 χ^2/NDF : 643468.4/20

All: 812.803 ± 0.134 χ^2/NDF : 672154.0/39

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 969.208+/-890.187 χ^2/NDF : 1.3/3

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

Left In: 123.533+/-996.991 χ^2/NDF : 1.8/2

Left: 594.078+/-664.018 χ^2/NDF : 3.5/6

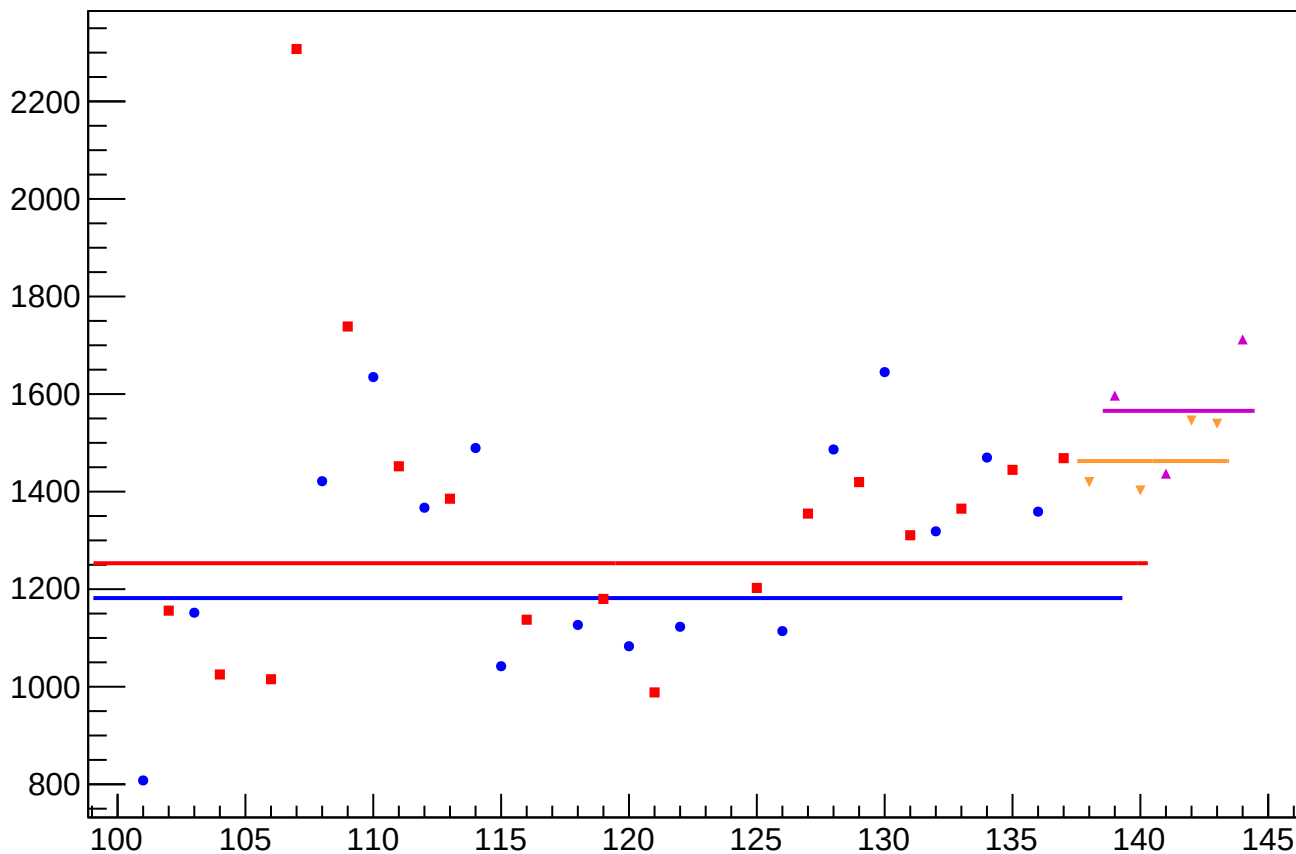
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -306.448+/-424.143 χ^2/NDF : 16.8/18

Out: -50.012+/-426.923 χ^2/NDF : 20.4/20

All: -179.068+/-300.892 χ^2/NDF : 37.4/39

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1462.694 $\pm$ 0.629 χ^2/NDF : 10525.2/3

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: 1508.342 $\pm$ 0.470 χ^2/NDF : 48888.8/6

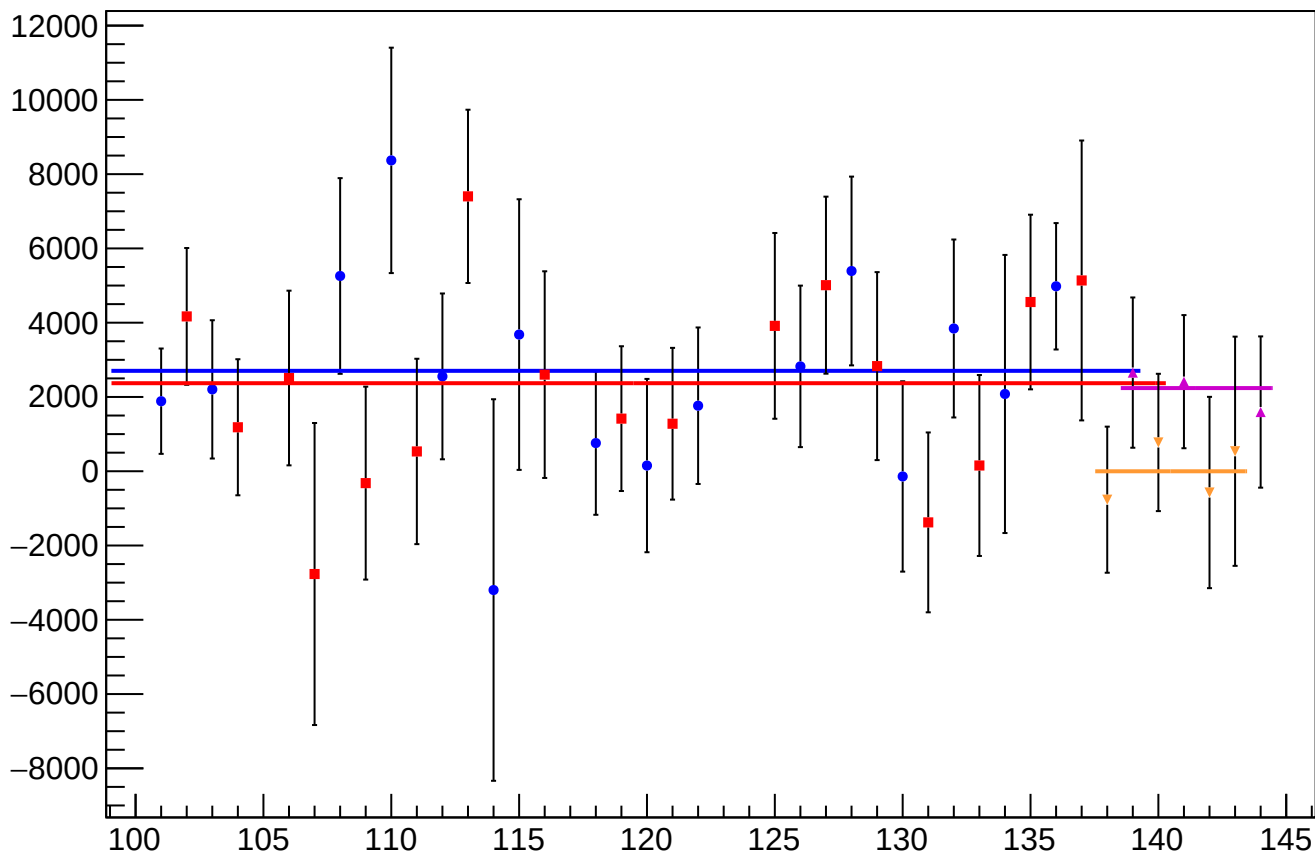
Right: 1216.159 $\pm$ 0.239 χ^2/NDF : 1021509.6/32

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

Out: 1301.401 $\pm$ 0.302 χ^2/NDF : 551438.8/20

All: 1276.154 $\pm$ 0.213 χ^2/NDF : 1378125.4/39

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -1.252 $\pm$ 1113.331 χ^2 /NDF: 0.4/3

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: 1111.901 $\pm$ 789.760 χ^2 /NDF: 2.6/6

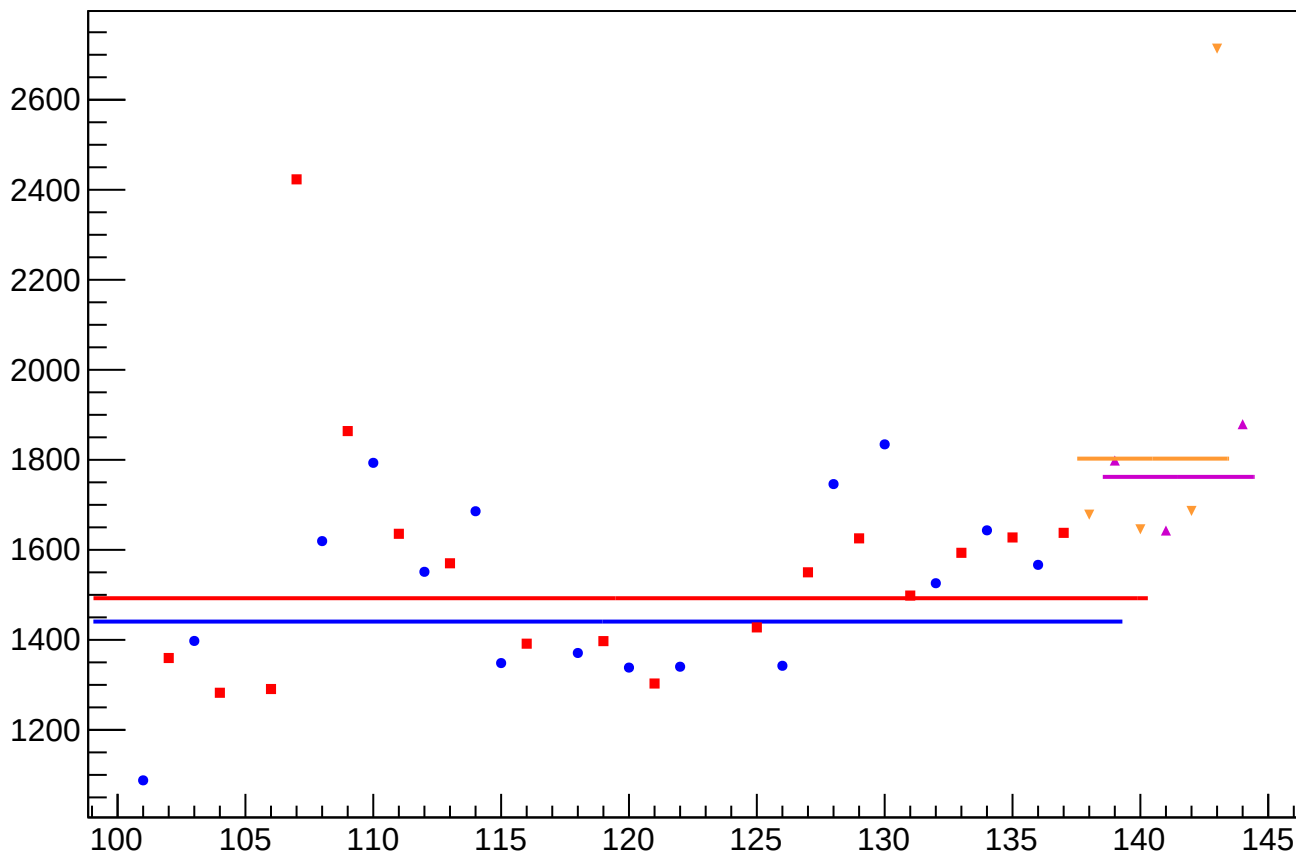
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

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

Out: 1873.252 $\pm$ 509.820 χ^2 /NDF: 20.0/20

All: 2245.601 $\pm$ 358.472 χ^2 /NDF: 34.4/39

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1802.684+/-0.787 χ^2/NDF : 200755.2/3

Right Out: 1492.529+/-0.406 χ^2/NDF : 251506.2/16

Left In: 1762.141+/-0.792 χ^2/NDF : 16092.7/2

Left: 1782.542+/-0.558 χ^2/NDF : 218165.5/6

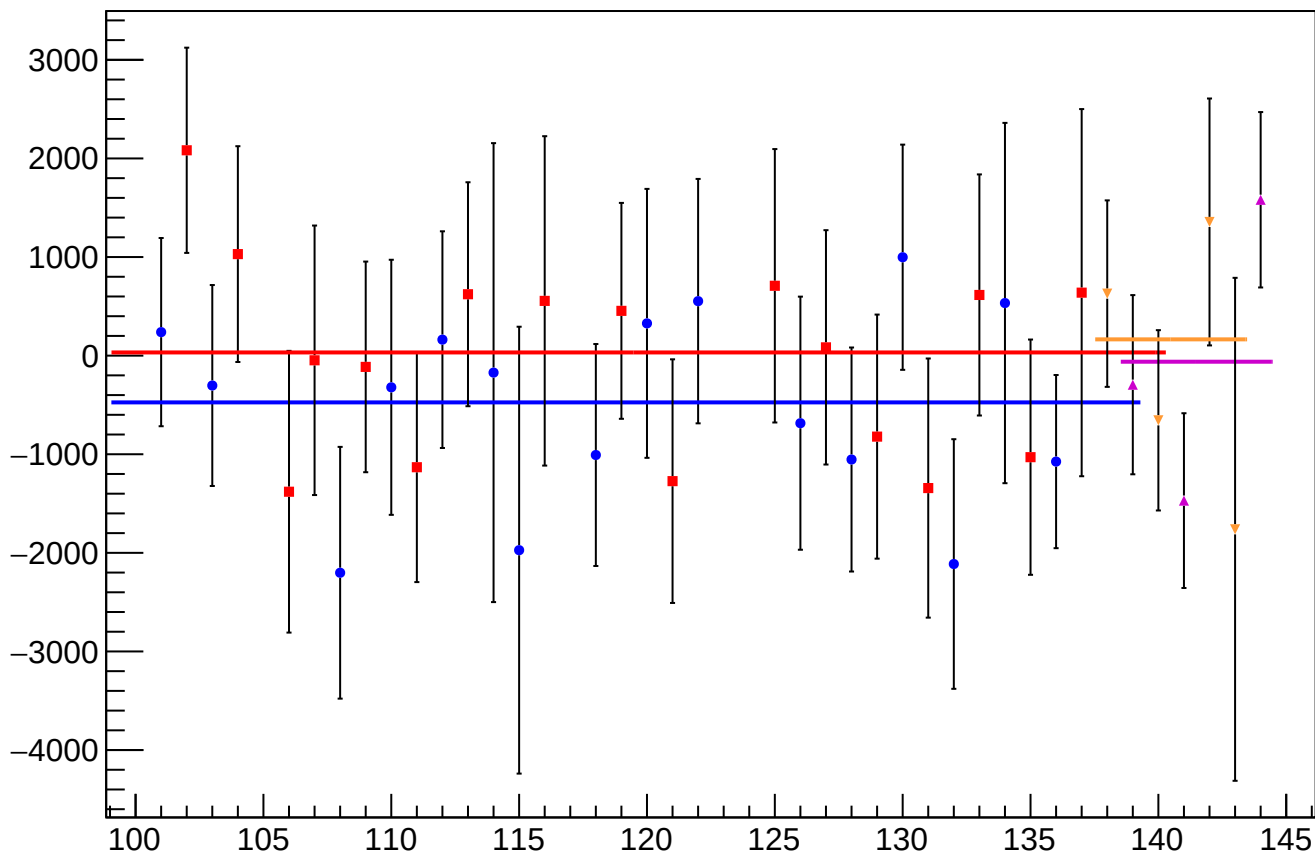
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1505.734+/-0.356 χ^2/NDF : 429671.0/18

Out: 1557.567+/-0.360 χ^2/NDF : 574929.9/20

All: 1531.360+/-0.253 χ^2/NDF : 1015053.3/39

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 165.130+/-567.437 χ^2/NDF : 2.5/3

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

Left In: -61.616+/-516.513 χ^2/NDF : 6.0/2

Left: 41.128+/-381.967 χ^2/NDF : 8.6/6

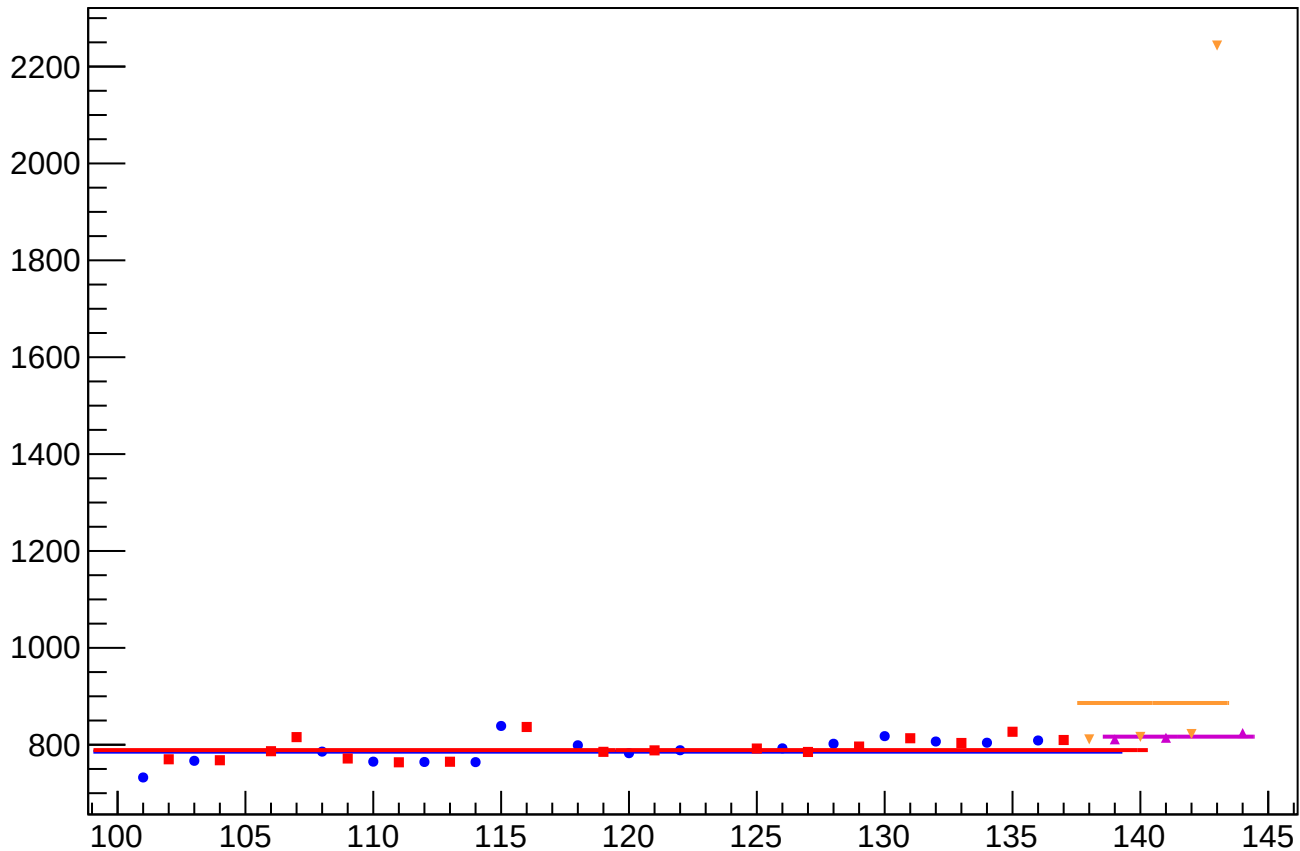
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -368.047+/-261.935 χ^2/NDF : 15.4/18

Out: 61.379+/-264.946 χ^2/NDF : 13.8/20

All: -155.788+/-186.272 χ^2/NDF : 30.5/39

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 886.211 $\pm$ 0.401 χ^2 /NDF: 595889.9/3

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: 848.192 $\pm$ 0.270 χ^2 /NDF: 612533.8/6

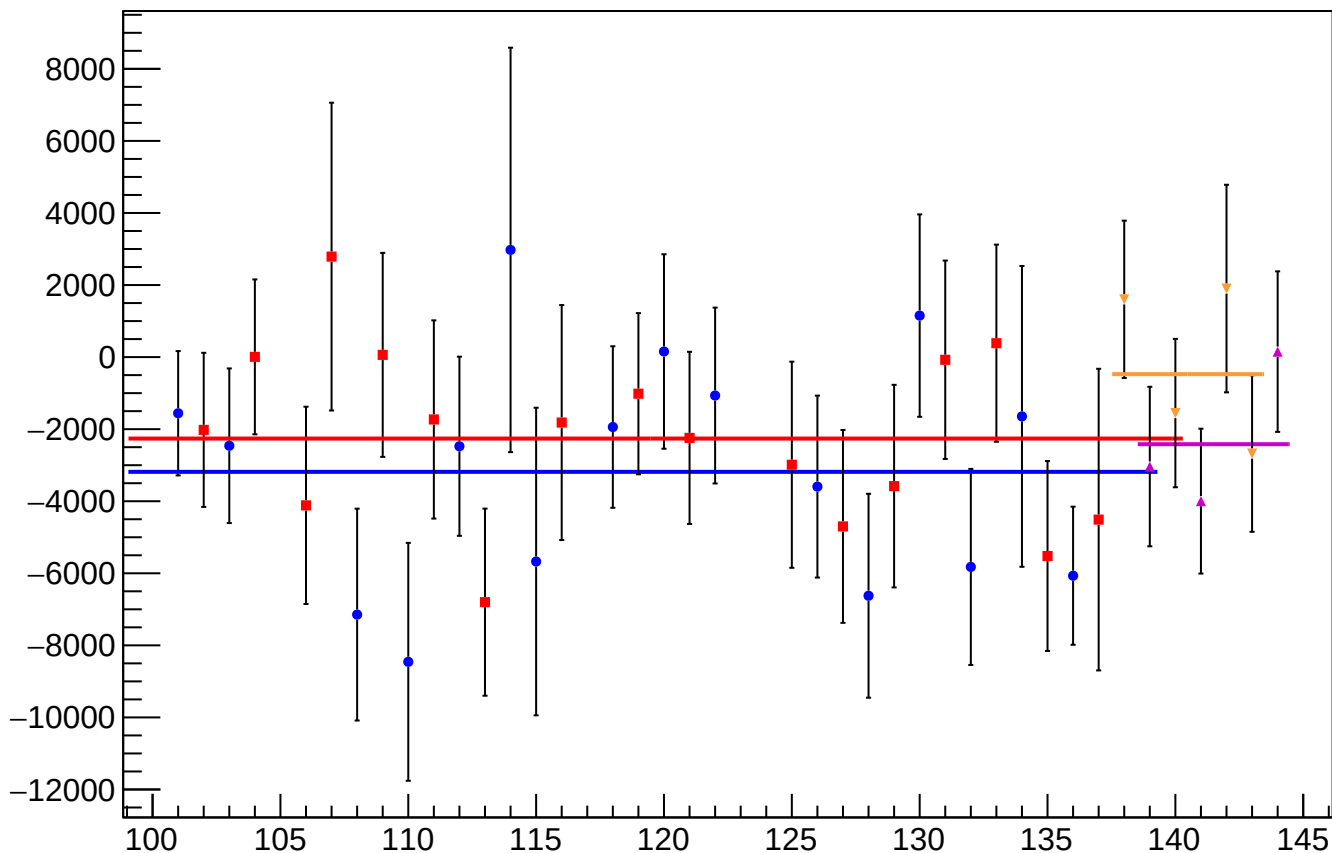
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

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

Out: 810.147 $\pm$ 0.187 χ^2 /NDF: 651373.0/20

All: 801.831 $\pm$ 0.132 χ^2 /NDF: 674748.3/39

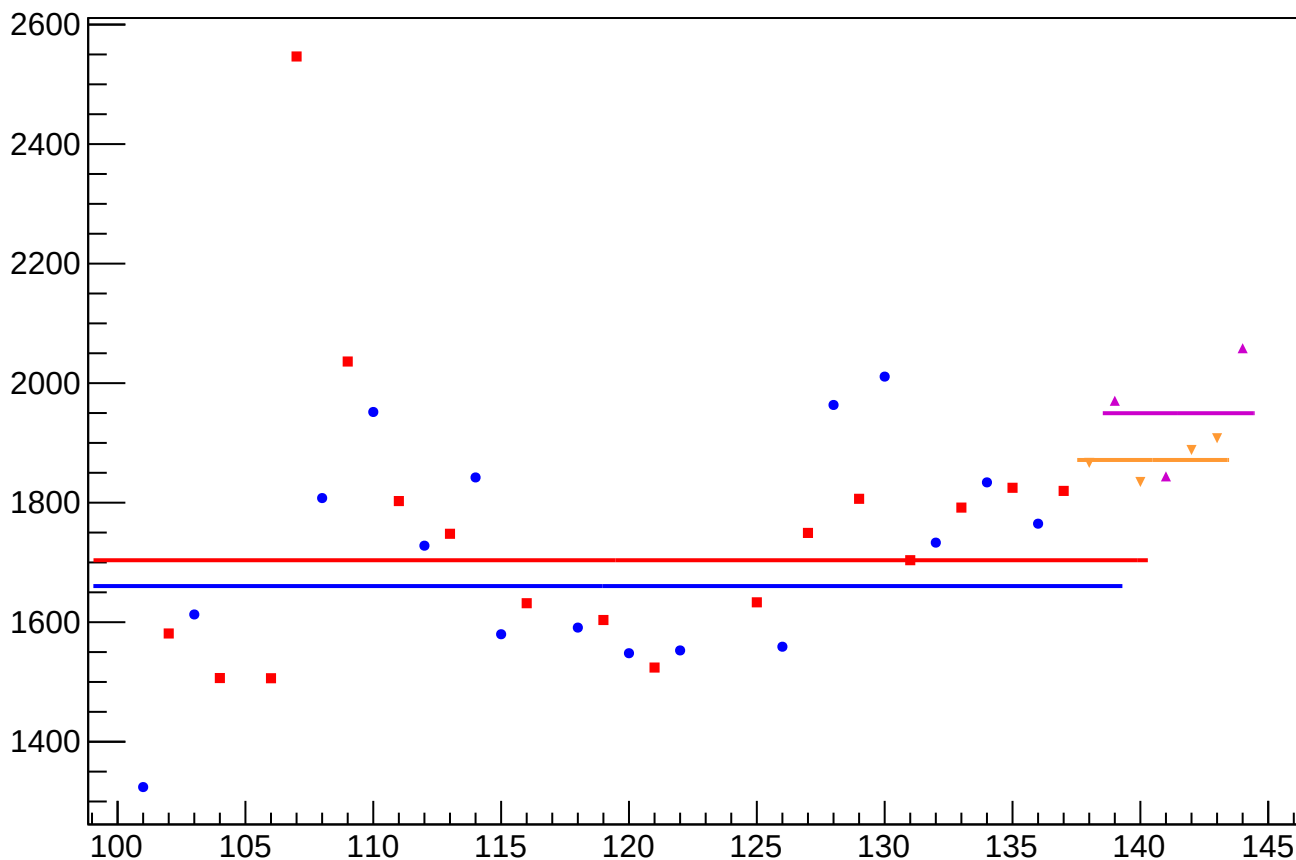
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -473.054 $\pm$ 1133.713 χ^2/NDF : 2.9/3
 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: -1360.191 $\pm$ 835.924 χ^2/NDF : 6.3/6
 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: -1816.099 $\pm$ 565.170 χ^2/NDF : 16.3/20
 All: -2408.940 $\pm$ 402.586 χ^2/NDF : 37.7/39

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1871.463+/-0.802 χ^2/NDF : 1277.3/3

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: 1907.168+/-0.591 χ^2/NDF : 16095.5/6

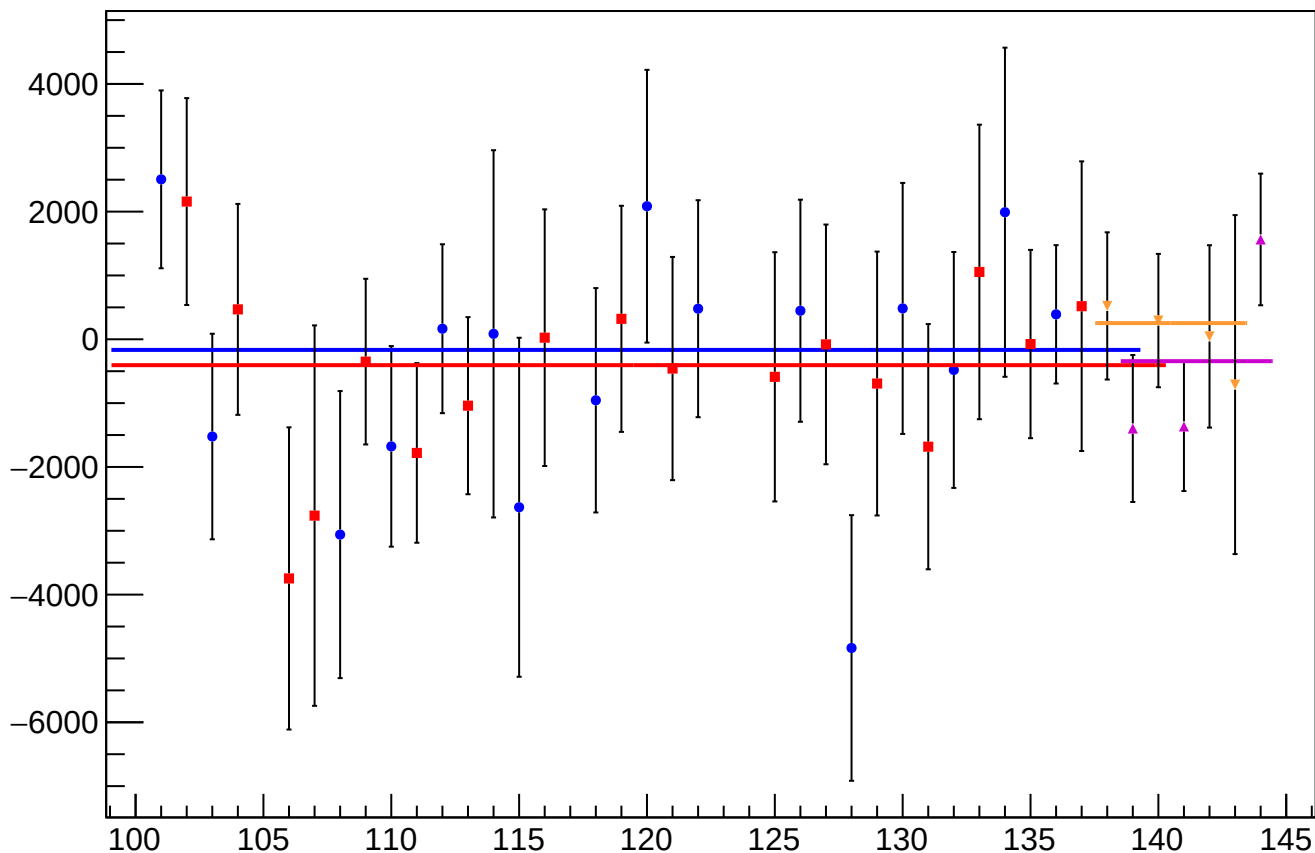
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

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

Out: 1745.376+/-0.400 χ^2/NDF : 205221.6/20

All: 1734.163+/-0.285 χ^2/NDF : 482289.4/39

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 253.524 ± 659.331 χ^2/NDF : 0.2/3

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: -66.798 ± 448.492 χ^2/NDF : 5.9/6

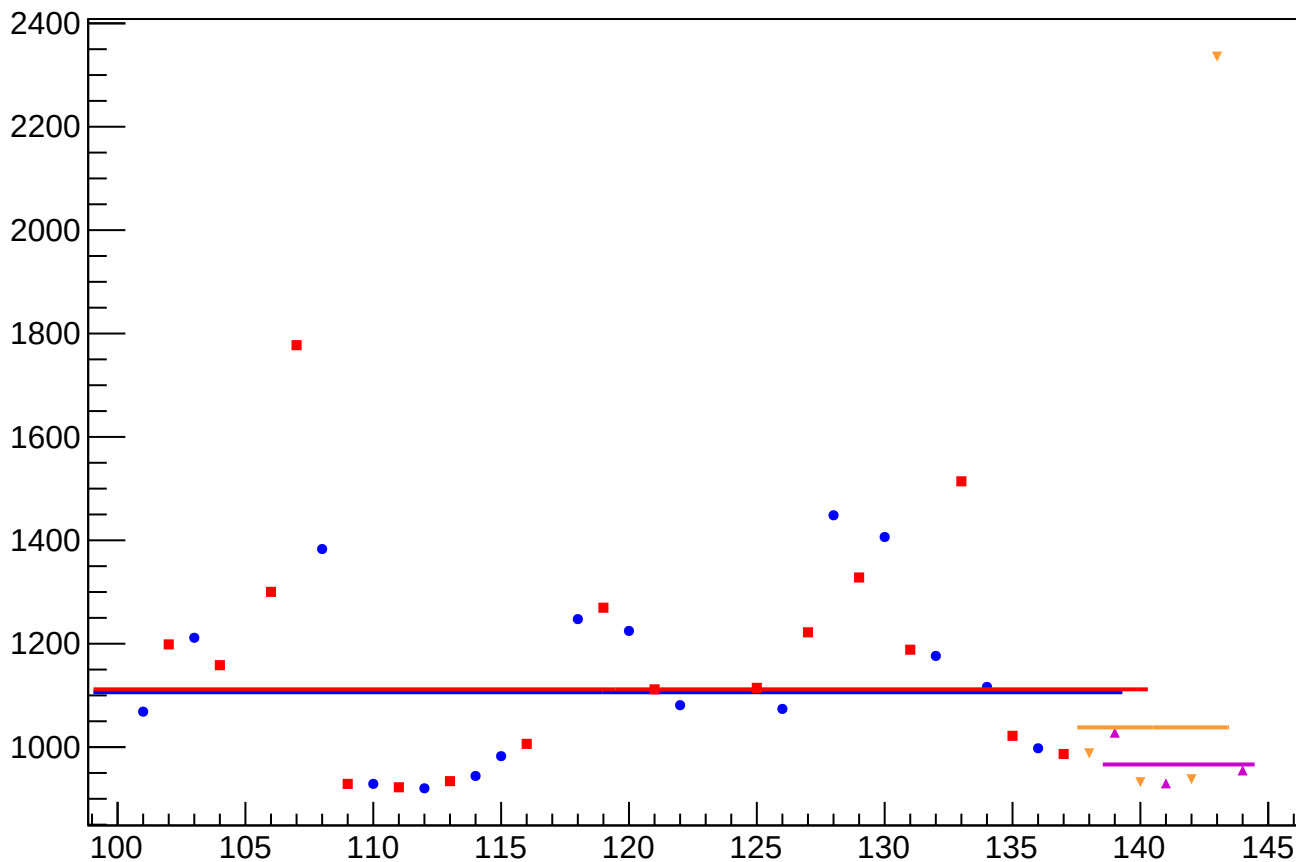
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

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

Out: -209.577 ± 359.359 χ^2/NDF : 8.8/20

All: -217.486 ± 251.926 χ^2/NDF : 29.8/39

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 $\pm$ 0.306 χ^2/NDF : 259917.7/15

Left Out: 1038.101 $\pm$ 0.466 χ^2/NDF : 511760.4/3

Right Out: 1111.726 $\pm$ 0.303 χ^2/NDF : 356388.5/16

Left In: 966.451 $\pm$ 0.433 χ^2/NDF : 8565.5/2

Left: 999.604 $\pm$ 0.317 χ^2/NDF : 533016.4/6

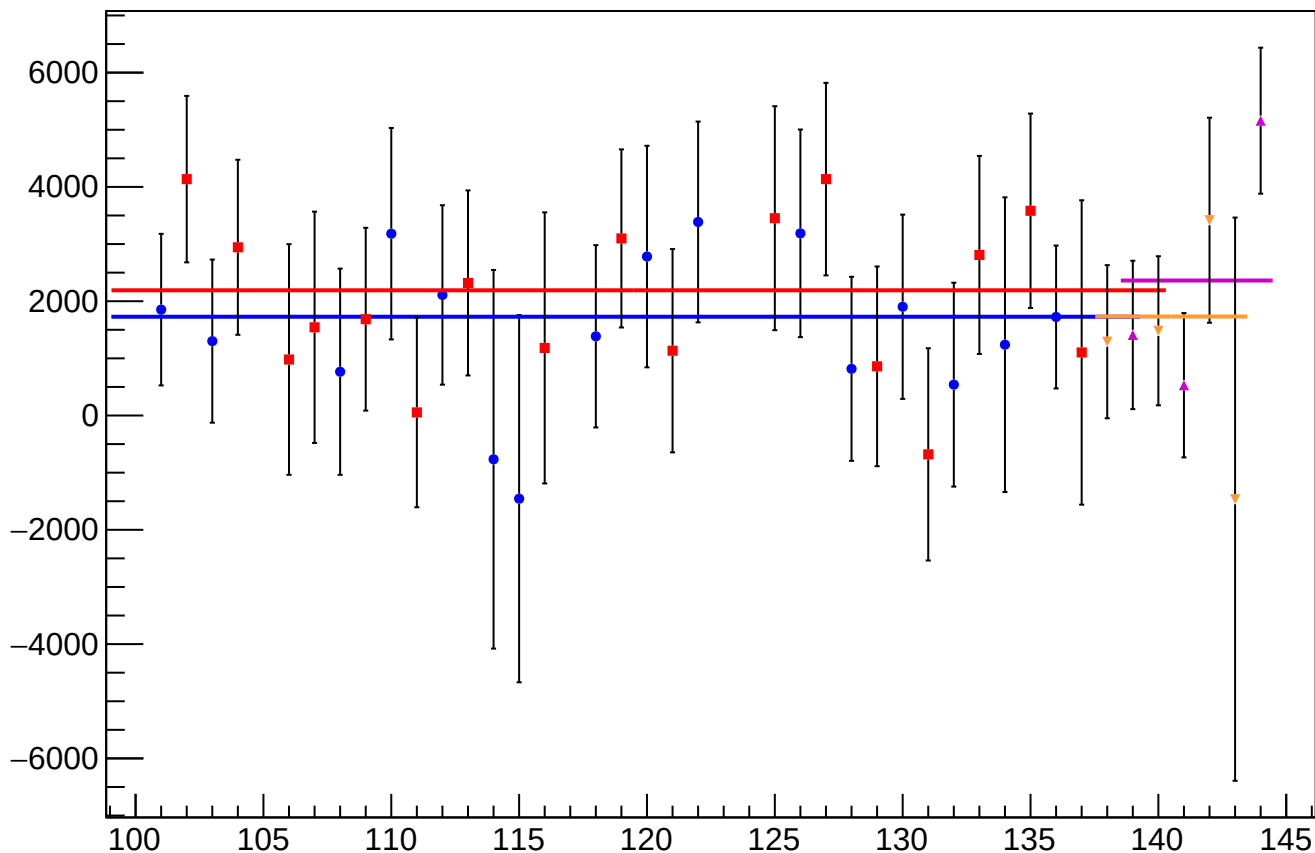
Right: 1108.969 $\pm$ 0.215 χ^2/NDF : 616473.4/32

In: 1059.585 $\pm$ 0.250 χ^2/NDF : 337996.0/18

Out: 1089.855 $\pm$ 0.254 χ^2/NDF : 885679.0/20

All: 1074.461 $\pm$ 0.178 χ^2/NDF : 1230891.5/39

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1731.919 $\pm$ 817.415 χ^2/NDF : 1.4/3

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: 2078.834 $\pm$ 548.019 χ^2/NDF : 9.2/6

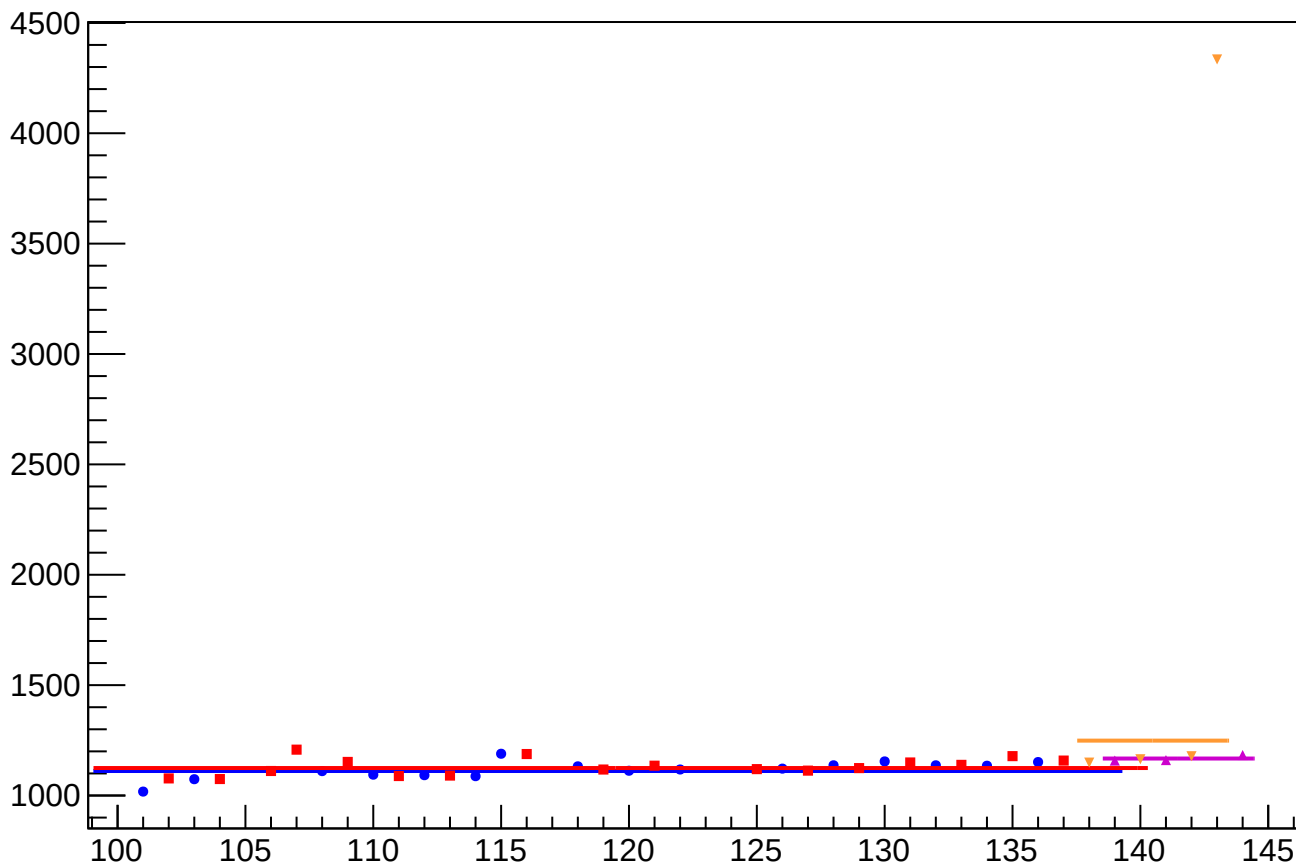
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

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

Out: 2092.479 $\pm$ 378.627 χ^2/NDF : 12.5/20

All: 1988.672 $\pm$ 265.168 χ^2/NDF : 25.9/39

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1248.672 $\pm$ 0.578 χ^2/NDF : 806738.8/3

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: 1204.014 $\pm$ 0.388 χ^2/NDF : 818059.8/6

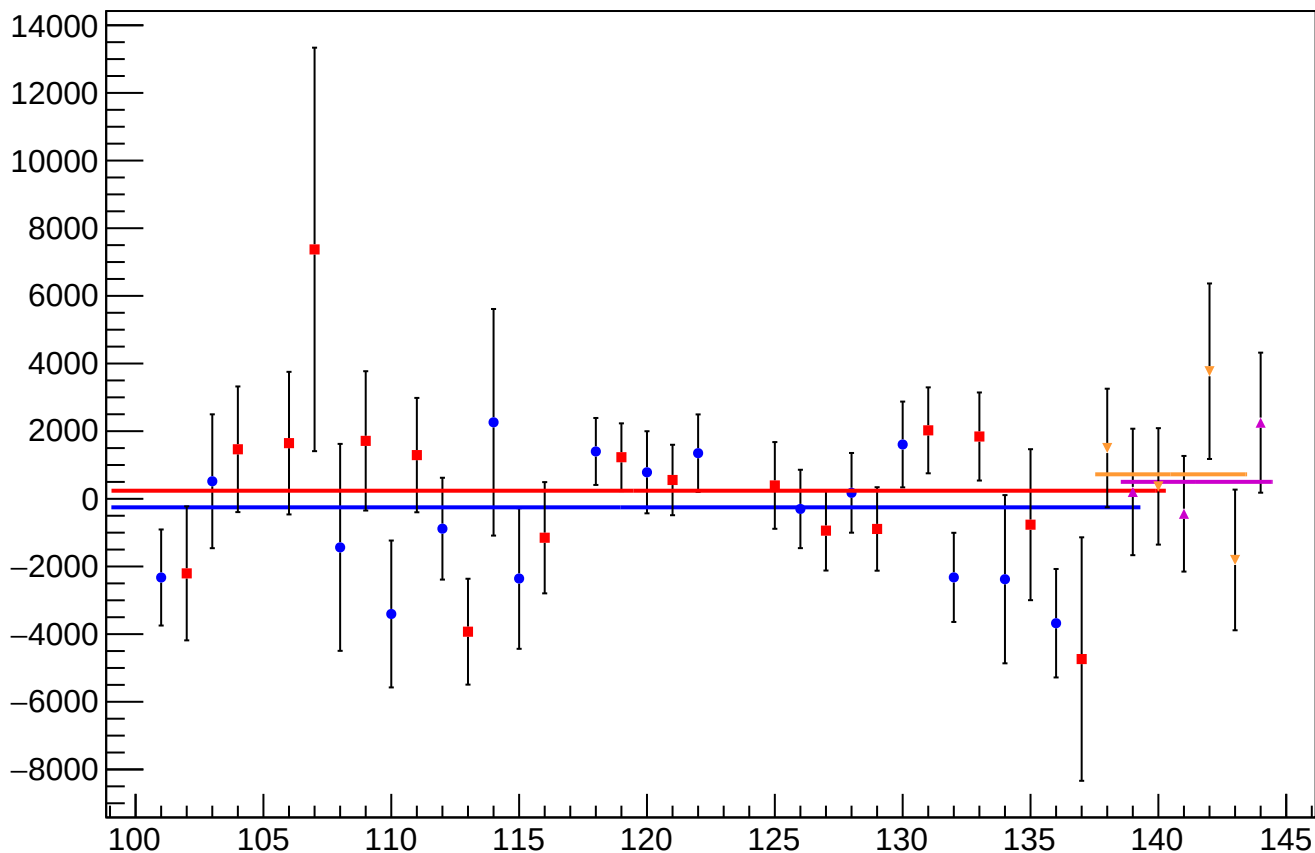
Right: 1117.819 $\pm$ 0.214 χ^2/NDF : 33680.2/32

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

Out: 1151.153 $\pm$ 0.268 χ^2/NDF : 857581.2/20

All: 1137.999 $\pm$ 0.188 χ^2/NDF : 889633.0/39

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 724.625+/-979.225 χ^2/NDF : 3.1/3

Right Out: 239.863+/-363.842 χ^2/NDF : 21.1/16

Left In: 501.808+/-1077.223 χ^2/NDF : 1.0/2

Left: 623.811+/-724.591 χ^2/NDF : 4.2/6

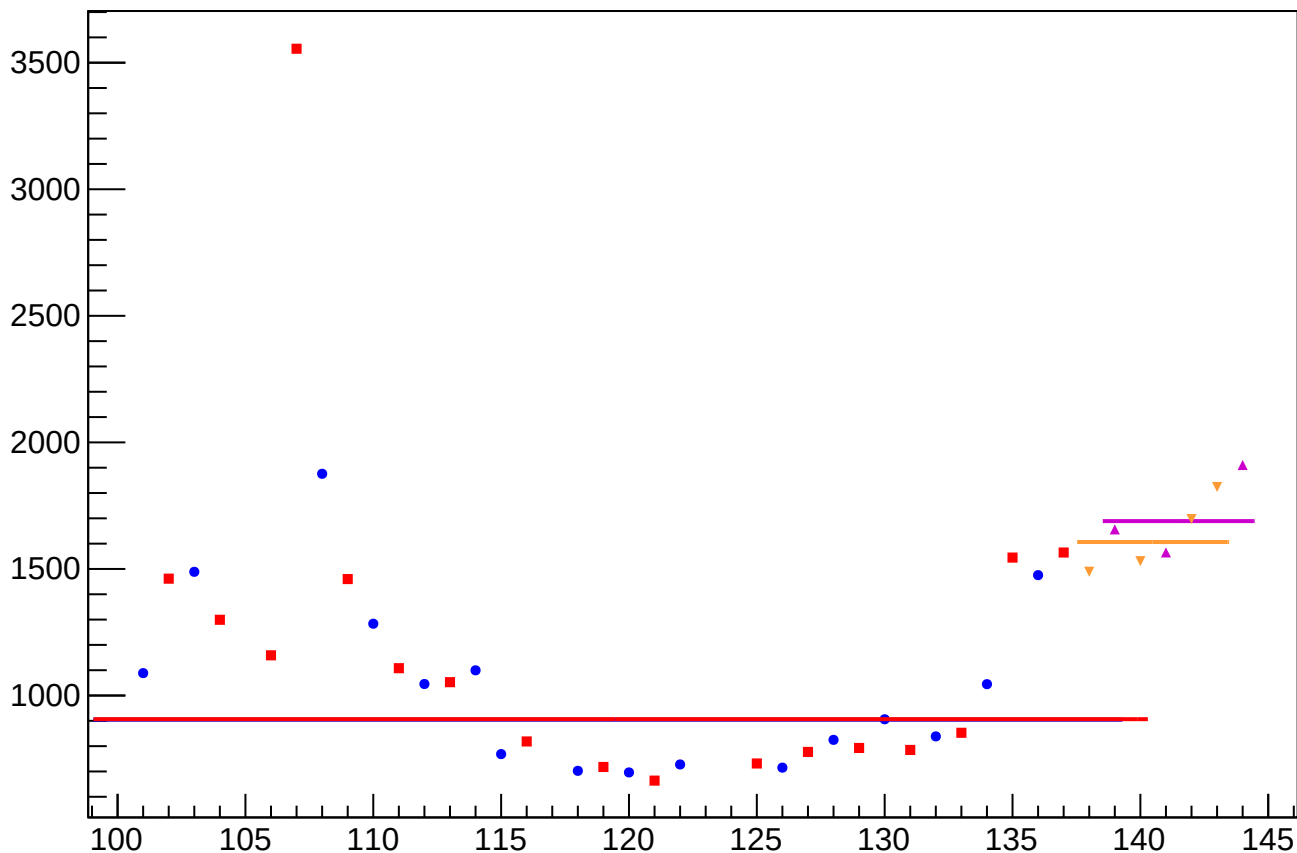
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -173.784+/-345.653 χ^2/NDF : 23.3/18

Out: 298.669+/-341.060 χ^2/NDF : 24.4/20

All: 65.603+/-242.773 χ^2/NDF : 48.6/39

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1606.399+/-0.692 χ^2/NDF :37166.6/3

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: 1643.803+/-0.512 χ^2/NDF : 77629.0/6

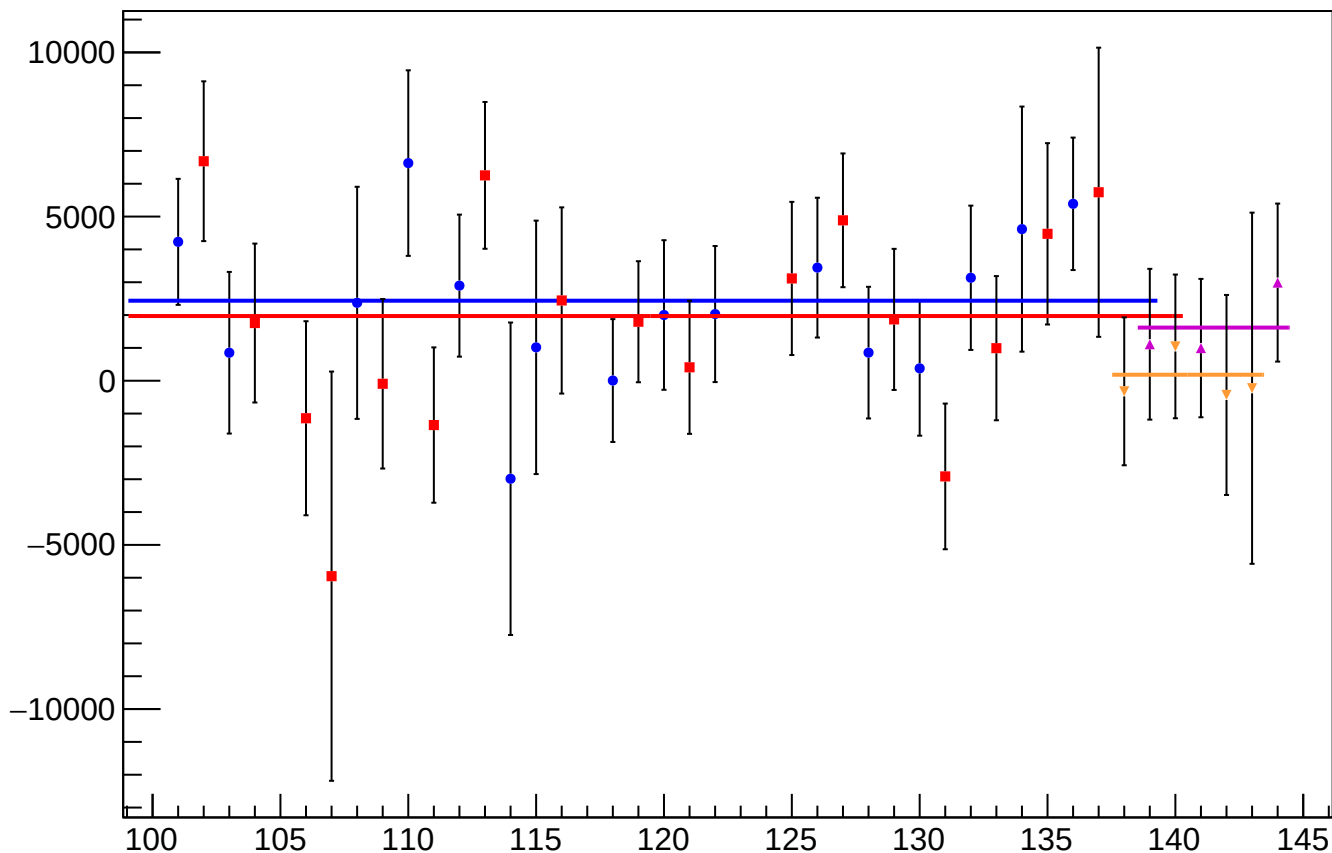
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

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

Out: 991.487+/-0.241 χ^2/NDF :2310785.4/20

All: 988.420+/-0.172 χ^2/NDF : 4317930.2/39

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 182.535+/-1350.166 χ^2/NDF : 0.3/3

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: 925.147+/-938.212 χ^2/NDF : 1.3/6

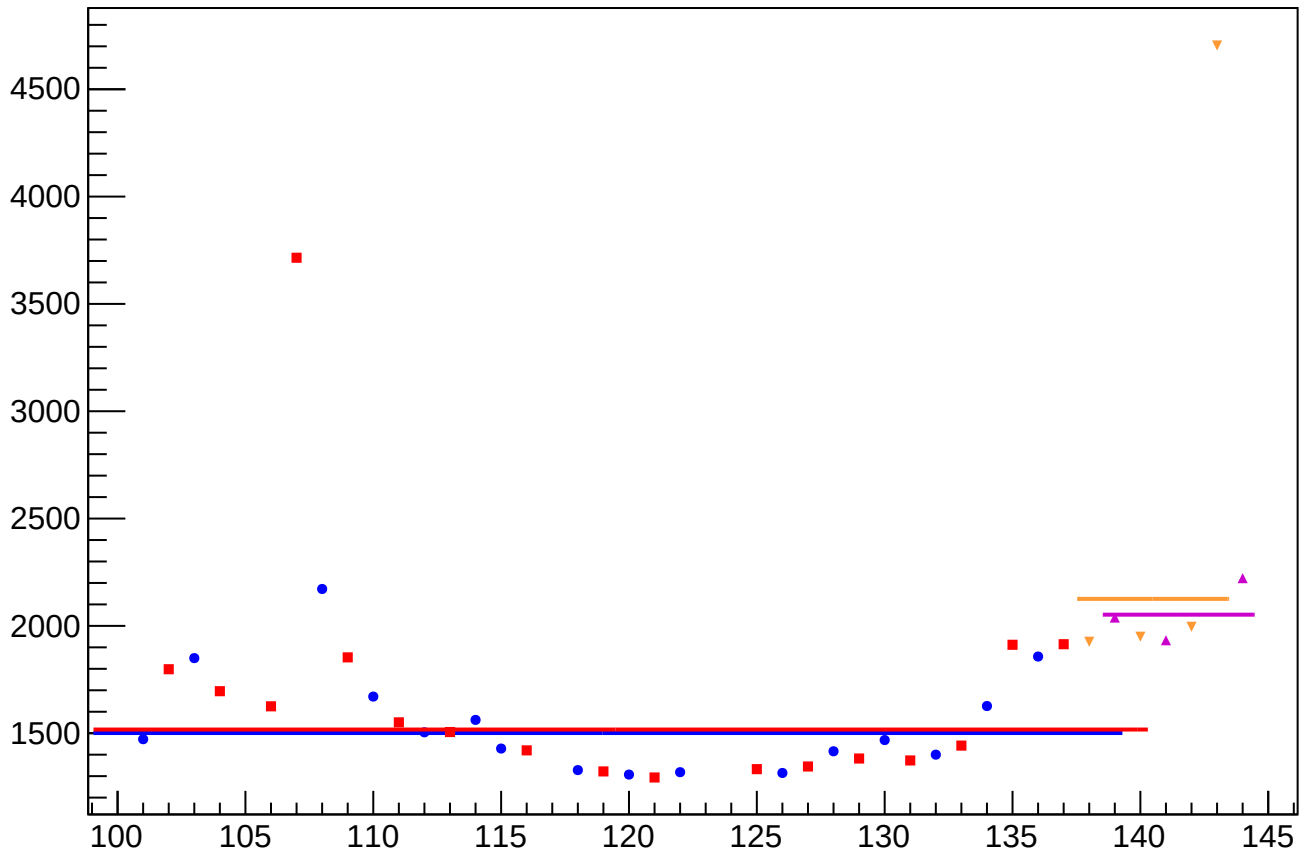
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

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

Out: 1686.496+/-538.065 χ^2/NDF : 24.0/20

All: 1995.123+/-379.285 χ^2/NDF : 36.6/39

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 2125.770+/-0.955 χ^2/NDF : 497084.5/3

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: 2087.746+/-0.663 χ^2/NDF : 516608.0/6

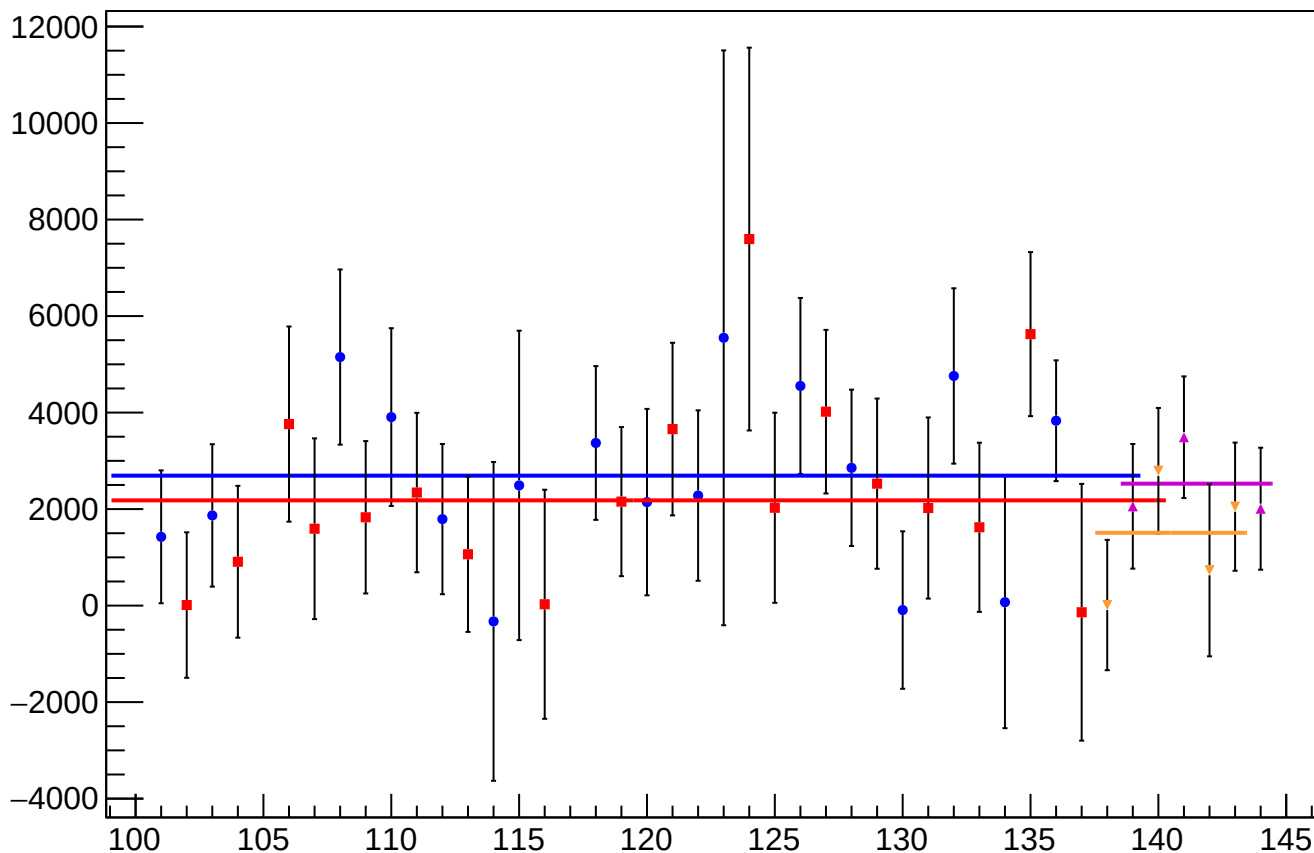
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

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

Out: 1613.783+/-0.380 χ^2/NDF : 1314017.2/20

All: 1603.558+/-0.268 χ^2/NDF : 1885382.3/39

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1508.808 $\pm$ 703.789 χ^2/NDF : 2.6/3

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: 1996.292 $\pm$ 508.093 χ^2/NDF : 4.4/6

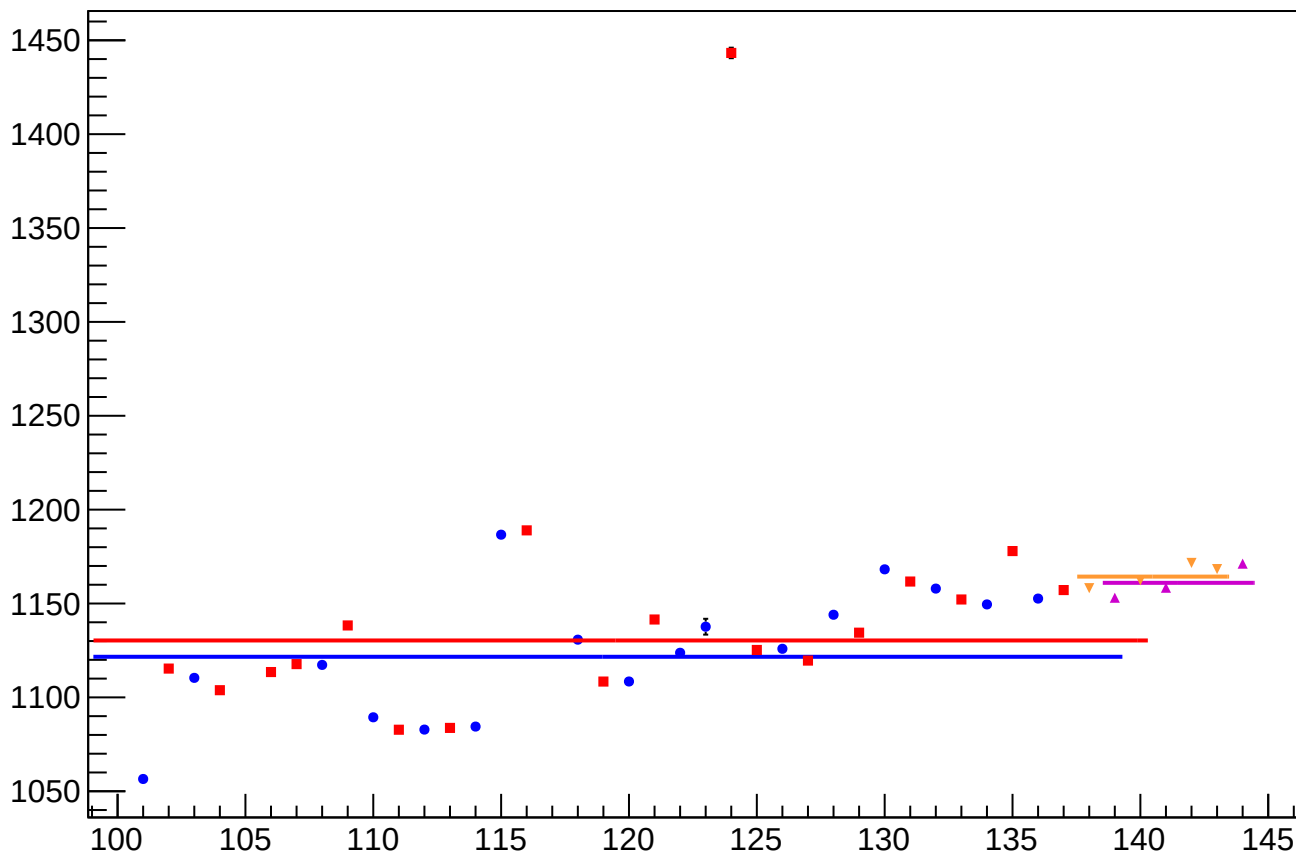
Right: 2432.714 $\pm$ 303.341 χ^2/NDF : 26.5/34

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

Out: 2001.084 $\pm$ 364.094 χ^2/NDF : 16.8/21

All: 2318.035 $\pm$ 260.454 χ^2/NDF : 31.5/41

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1164.333 $\pm$ 0.498 χ^2/NDF : 98.0/3

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: 1162.743 $\pm$ 0.359 χ^2/NDF : 333.8/6

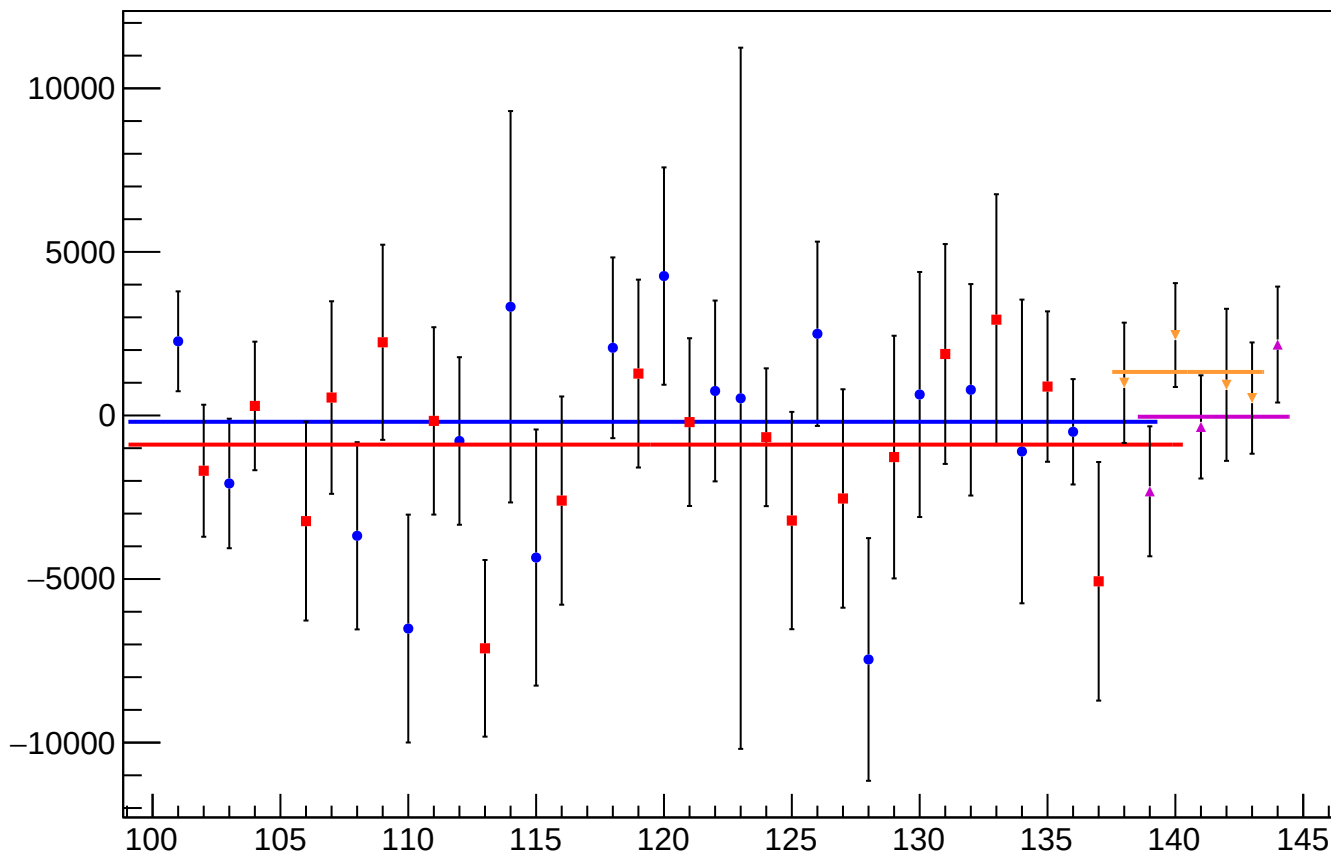
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

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

Out: 1139.420 $\pm$ 0.257 χ^2/NDF : 24796.0/21

All: 1135.687 $\pm$ 0.184 χ^2/NDF : 41692.9/41

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1330.714 ± 904.138 $\chi^2/\text{NDF}: 0.8/3$

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: 723.731 ± 674.666 $\chi^2/\text{NDF}: 4.7/6$

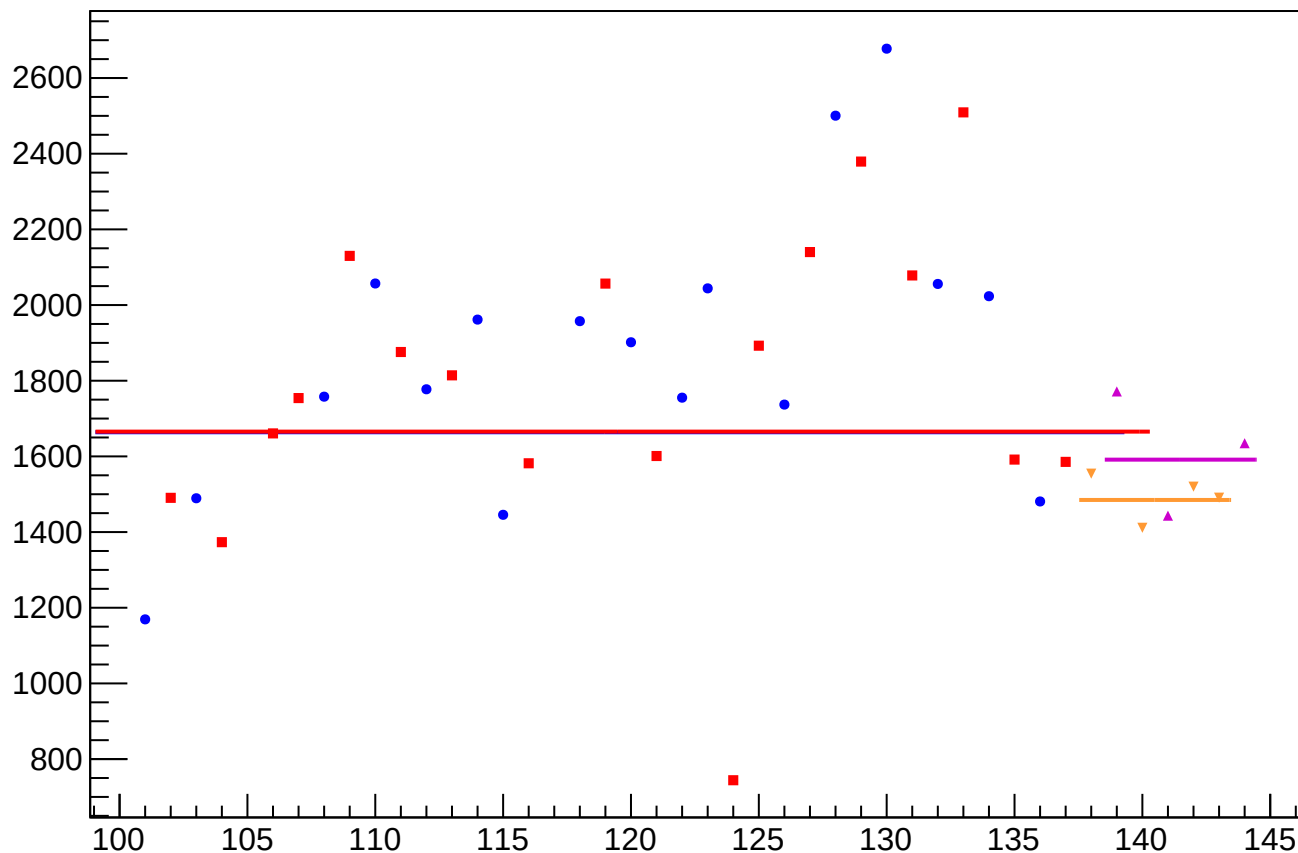
Right: -548.030 ± 463.023 $\chi^2/\text{NDF}: 31.0/34$

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

Out: -134.935 ± 527.449 $\chi^2/\text{NDF}: 17.9/21$

All: -140.820 ± 381.764 $\chi^2/\text{NDF}: 38.1/41$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1484.873 $\pm$ 0.639 χ^2 /NDF: 7633.7/3

Right Out: 1665.466 $\pm$ 0.459 χ^2 /NDF: 802791.6/17

Left In: 1591.410 $\pm$ 0.717 χ^2 /NDF: 35293.7/2

Left: 1532.089 $\pm$ 0.477 χ^2 /NDF: 55234.3/6

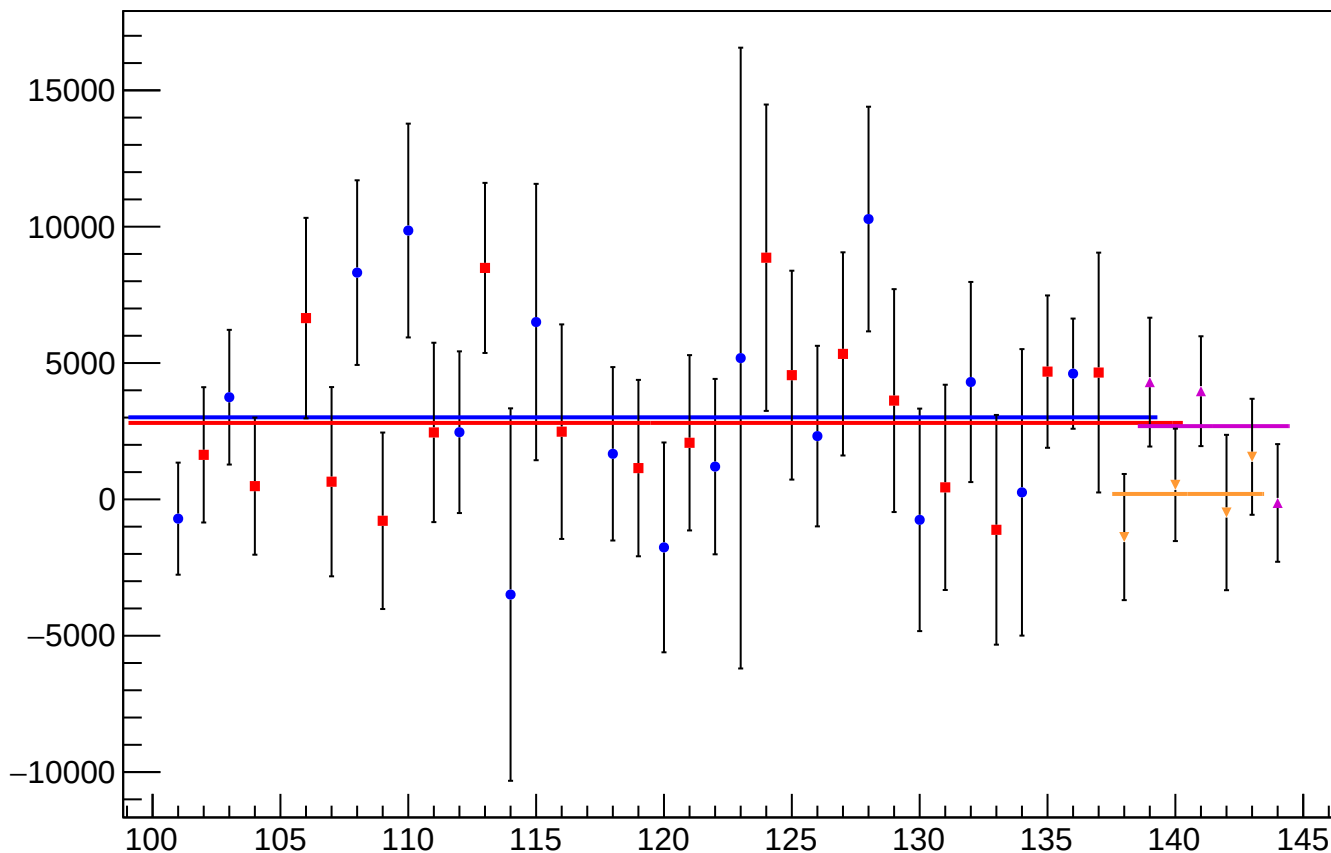
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

In: 1642.210 $\pm$ 0.391 χ^2 /NDF: 664930.5/19

Out: 1604.006 $\pm$ 0.373 χ^2 /NDF: 863062.7/21

All: 1622.196 $\pm$ 0.270 χ^2 /NDF: 1532989.0/41

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 199.376+/-1142.076 χ^2/NDF : 1.0/3

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: 1331.409+/-842.987 χ^2/NDF : 5.7/6

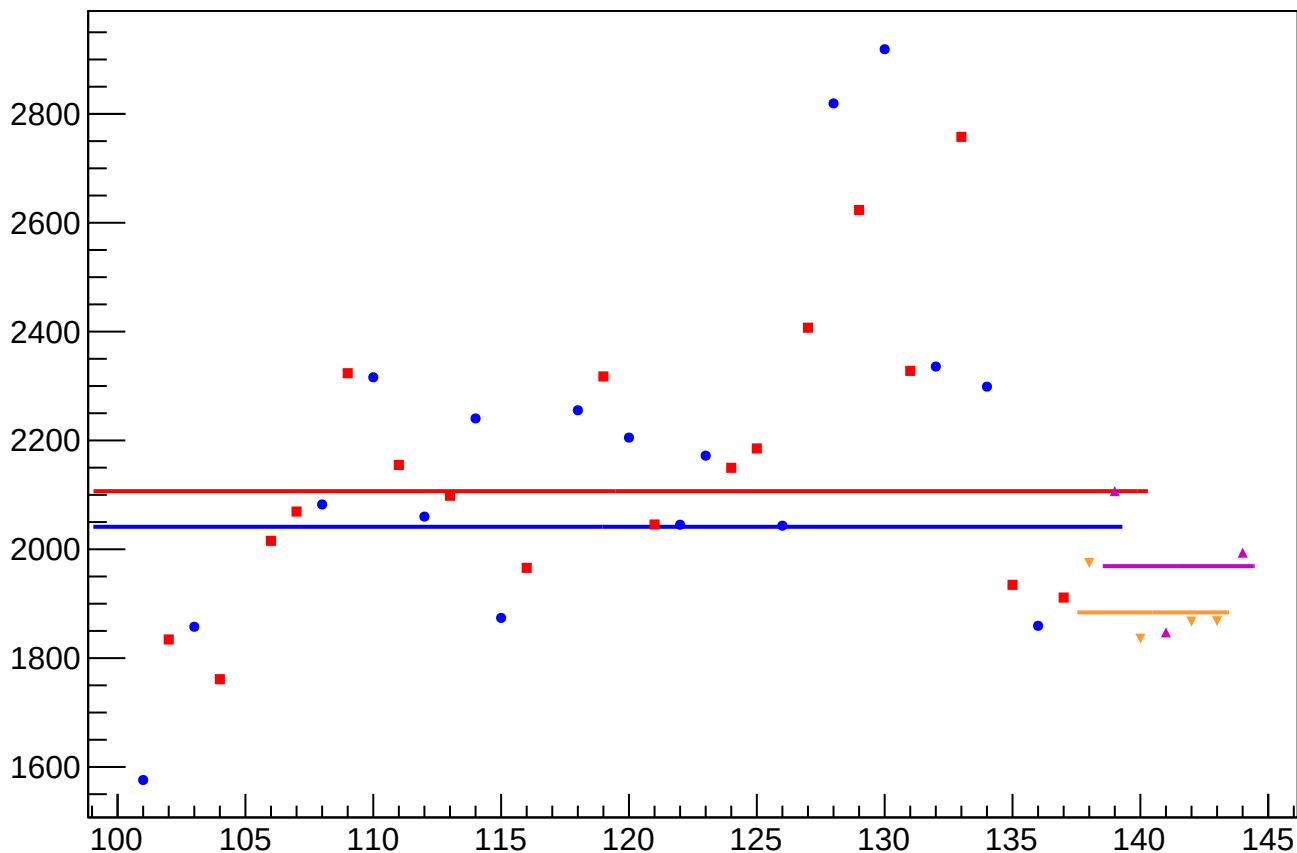
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

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

Out: 1947.231+/-655.012 χ^2/NDF : 15.7/21

All: 2417.822+/-469.572 χ^2/NDF : 36.7/41

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1883.990+/-0.808 χ^2/NDF : 4360.2/3

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: 1922.698+/-0.596 χ^2/NDF : 23780.3/6

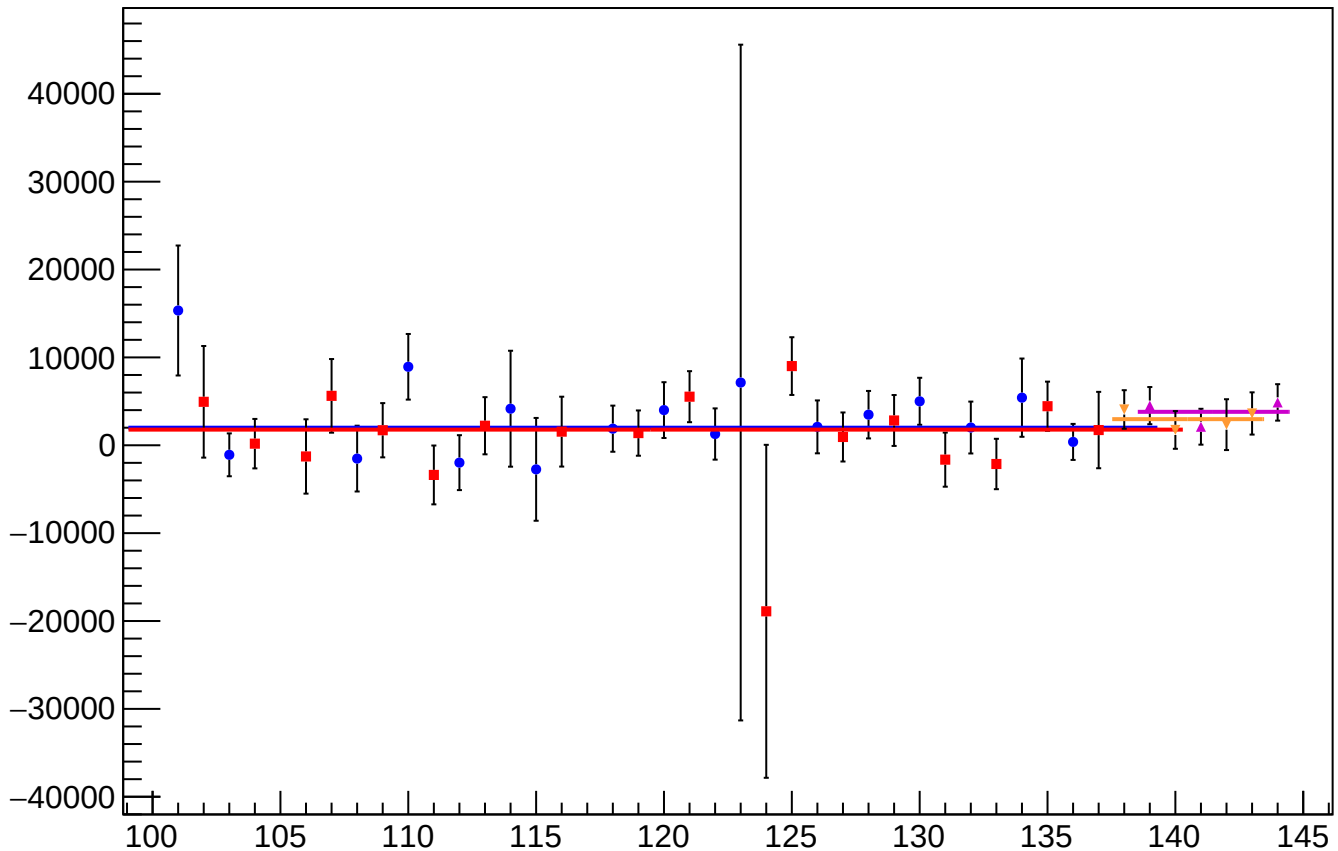
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

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

Out: 2033.540+/-0.463 χ^2/NDF : 252184.1/21

All: 2027.121+/-0.332 χ^2/NDF : 610142.2/41

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2973.031+/-1180.510 χ^2/NDF : 0.7/3

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: 3383.310+/-841.139 χ^2/NDF : 2.0/6

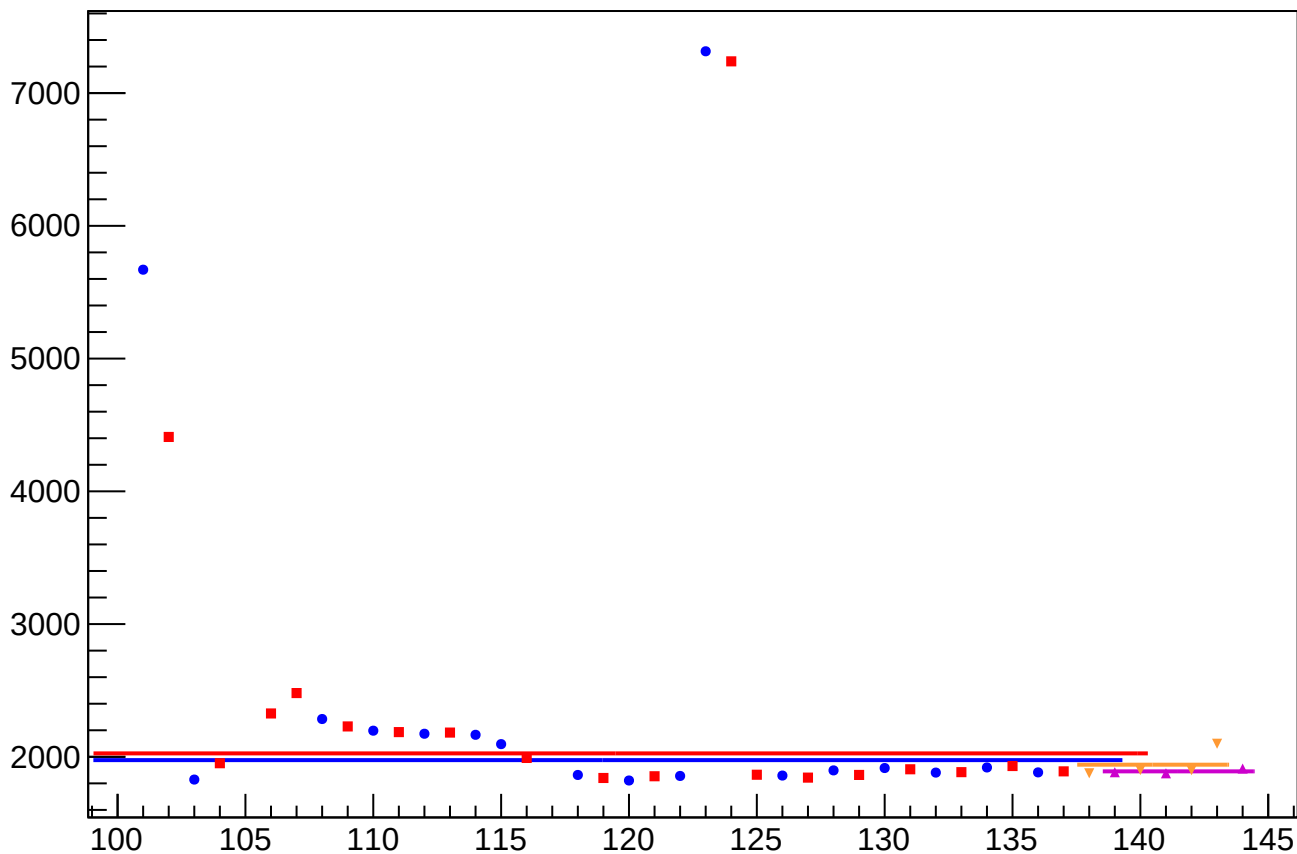
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

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

Out: 2145.011+/-651.842 χ^2/NDF : 17.7/21

All: 2341.016+/-461.943 χ^2/NDF : 35.3/41

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1940.734+/-0.835 χ^2/NDF :11496.3/3

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: 1915.977+/-0.595 χ^2/NDF : 13614.7/6

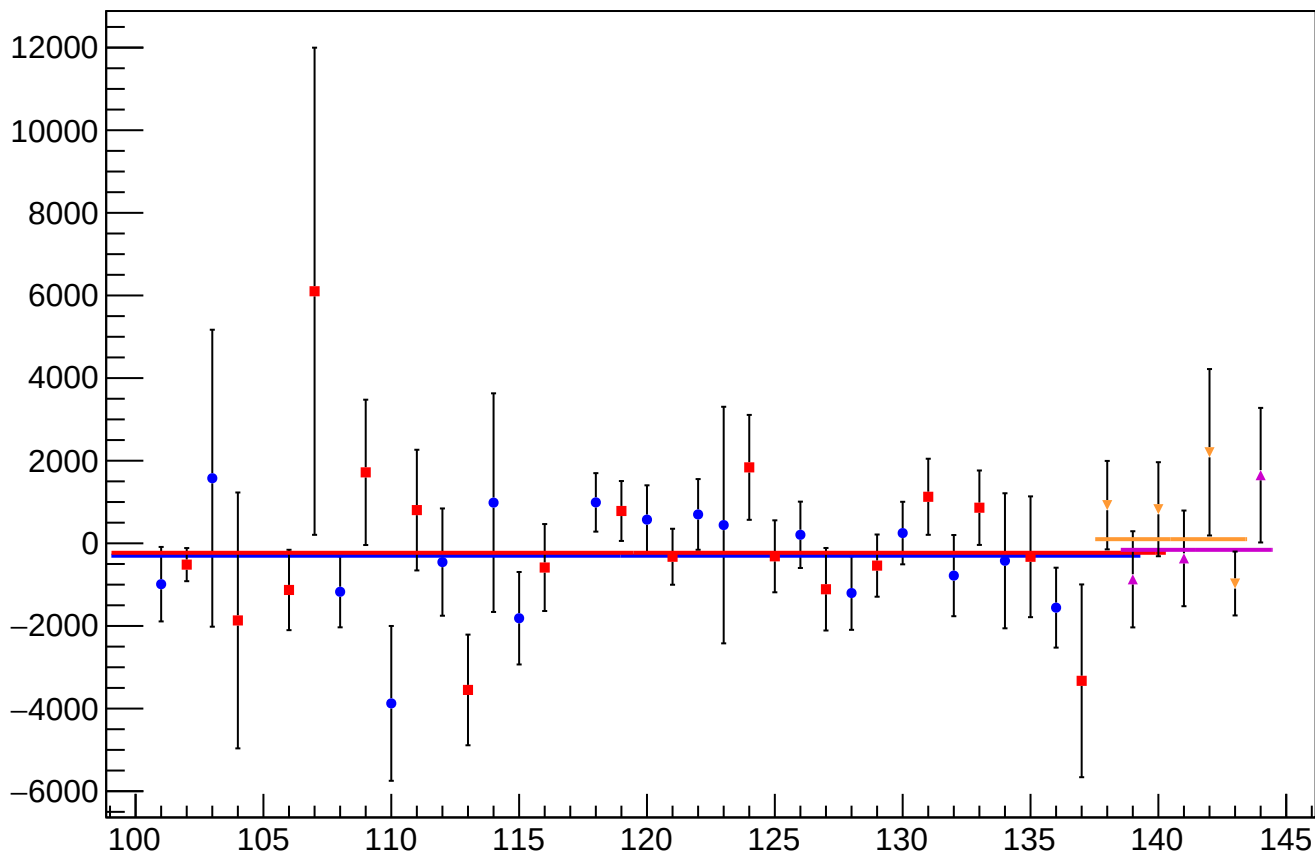
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

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

Out: 1999.913+/-0.461 χ^2/NDF :554112.1/21

All: 1974.995+/-0.327 χ^2/NDF : 1167146.5/41

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 100.666+/-529.659 χ^2/NDF : 4.0/3

Right Out: -228.794+/-215.624 χ^2/NDF : 21.8/17

Left In: -157.391+/-733.043 χ^2/NDF : 1.6/2

Left: 12.151+/-429.317 χ^2/NDF : 5.7/6

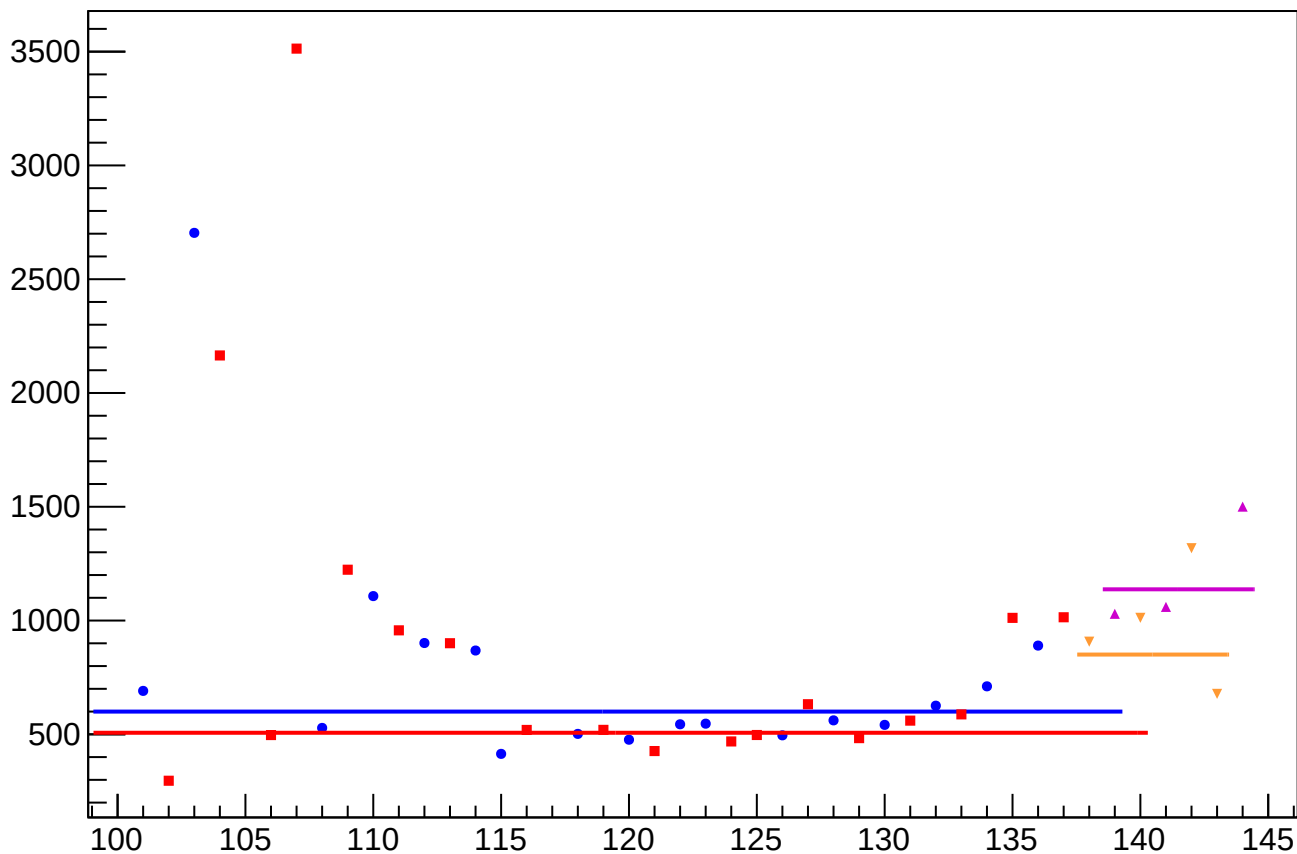
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -285.491+/-233.742 χ^2/NDF : 19.0/19

Out: -181.955+/-199.709 χ^2/NDF : 26.1/21

All: -225.644+/-151.836 χ^2/NDF : 45.3/41

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 850.559 $\pm$ 0.375 χ^2/NDF : 253388.9/3

Right Out: 506.876 $\pm$ 0.152 χ^2/NDF : 2760863.3/17

Left In: 1137.246 $\pm$ 0.518 χ^2/NDF : 125521.7/2

Left: 948.894 $\pm$ 0.304 χ^2/NDF : 579889.1/6

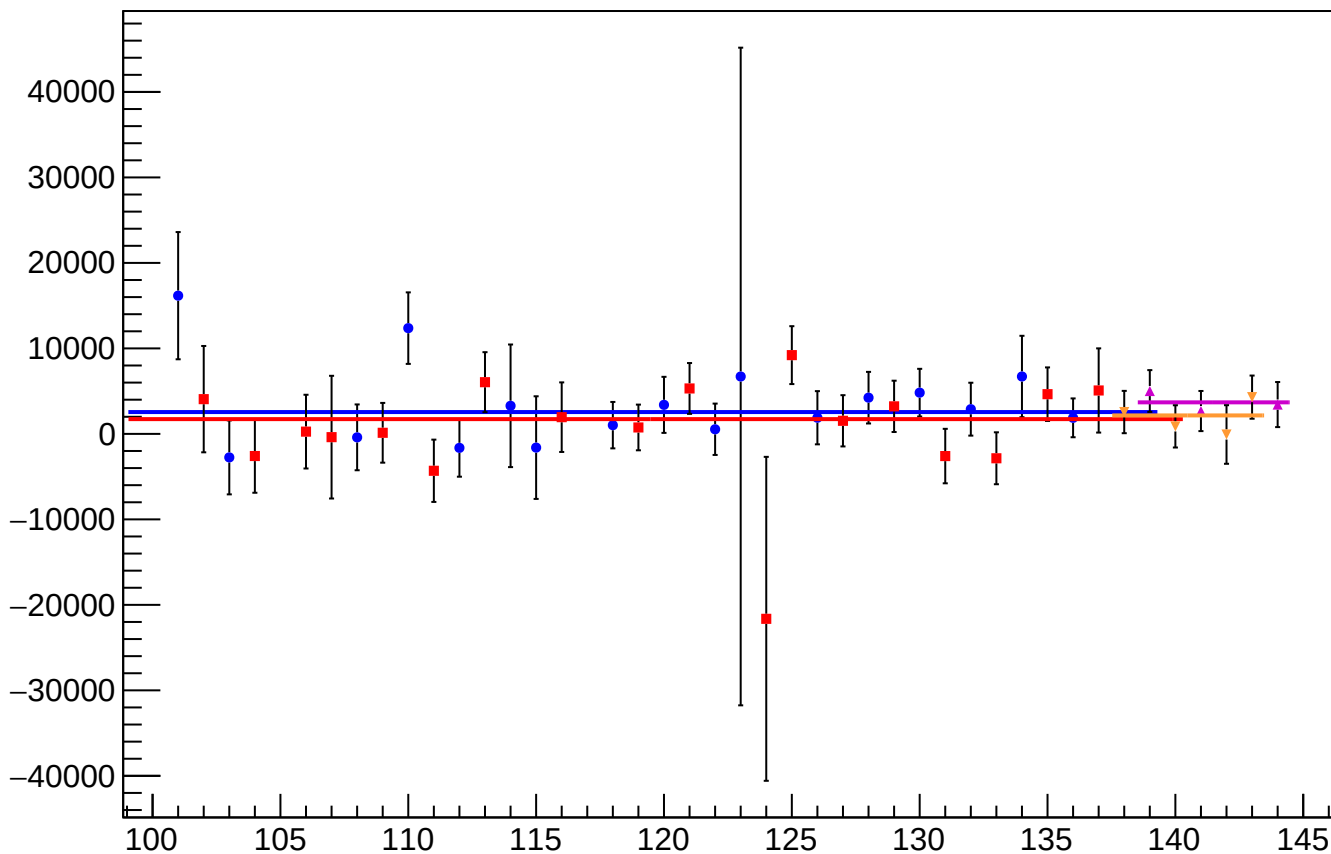
Right: 547.202 $\pm$ 0.115 χ^2/NDF : 4303374.7/34

In: 654.582 $\pm$ 0.165 χ^2/NDF : 2471791.1/19

Out: 555.737 $\pm$ 0.141 χ^2/NDF : 3736617.5/21

All: 597.446 $\pm$ 0.107 χ^2/NDF : 6415150.2/41

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2159.745+/-1325.588 χ^2/NDF : 1.4/3

Right Out: 1727.074+/-855.162 χ^2/NDF : 19.5/17

Left In: 3689.094+/-1424.565 χ^2/NDF : 0.5/2

Left: 2869.450+/-970.438 χ^2/NDF : 2.5/6

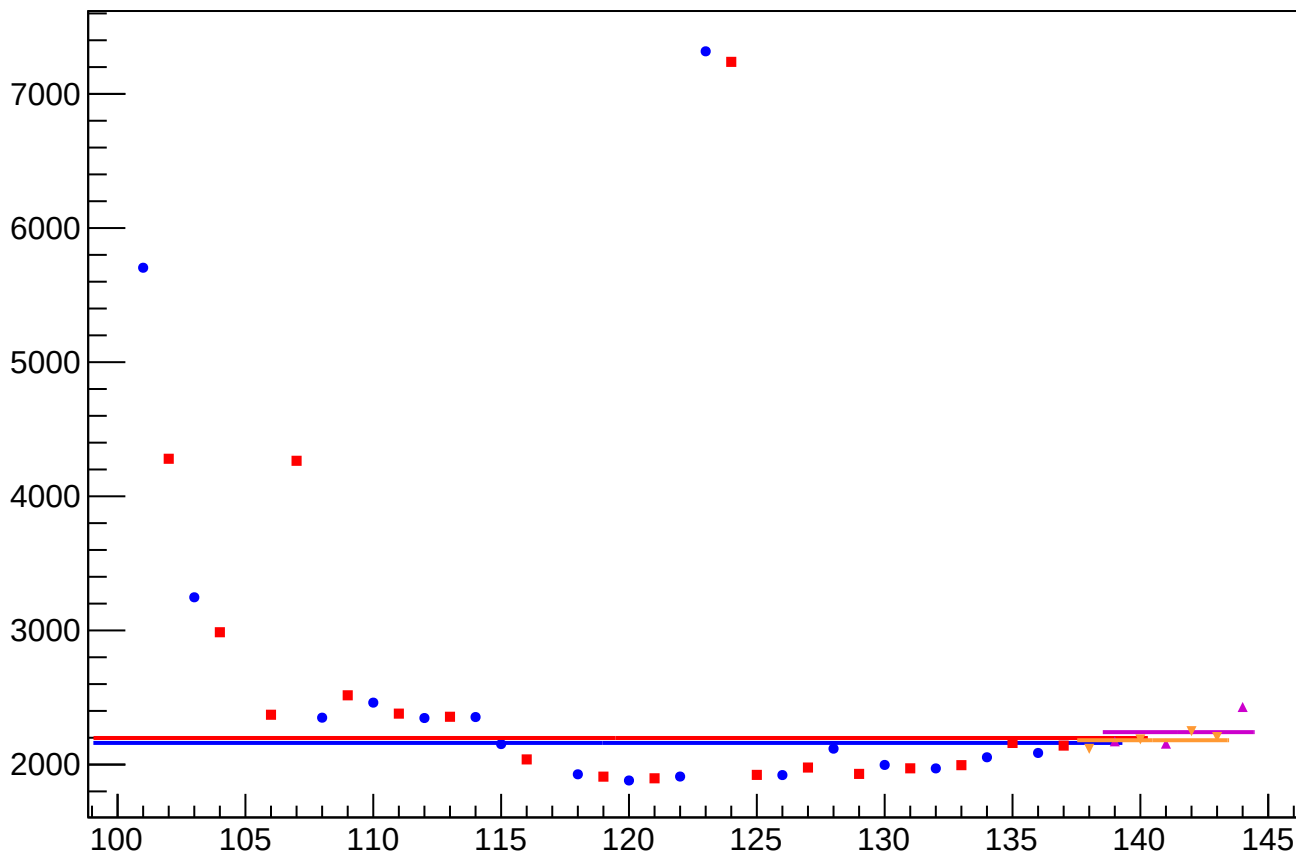
Right: 2138.530+/-606.010 χ^2/NDF : 35.7/34

In: 2856.324+/-735.555 χ^2/NDF : 16.7/19

Out: 1854.225+/-718.604 χ^2/NDF : 21.0/21

All: 2343.594+/-514.018 χ^2/NDF : 38.7/41

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2181.445+/-0.937 χ^2/NDF :2301.4/3

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: 2209.448+/-0.686 χ^2/NDF : 18582.9/6

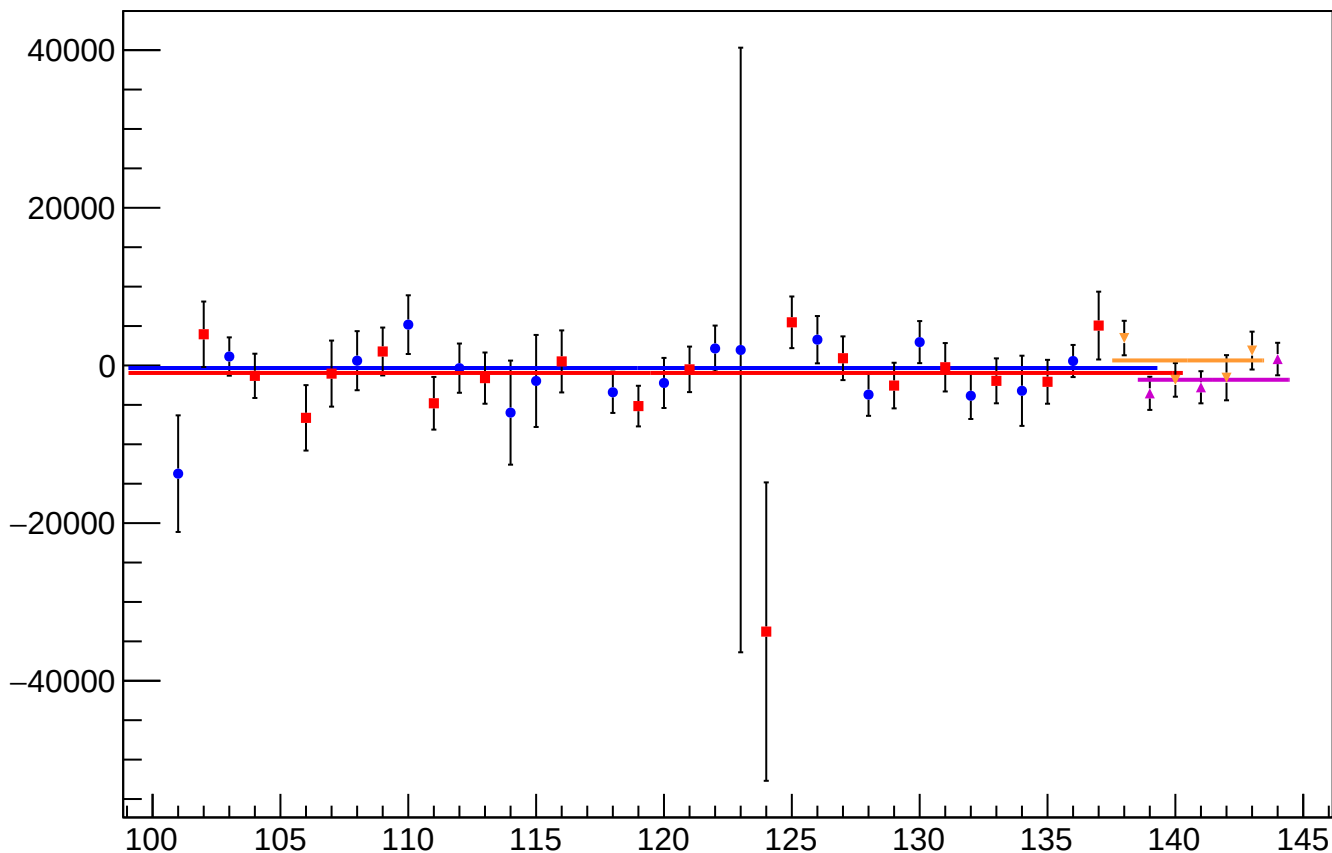
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

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

Out: 2193.267+/-0.508 χ^2/NDF :736400.2/21

All: 2188.178+/-0.363 χ^2/NDF : 1466885.7/41

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 636.877+/-1175.282 χ^2 /NDF:3.9/3

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: -571.525+/-837.160 χ^2 /NDF: 8.5/6

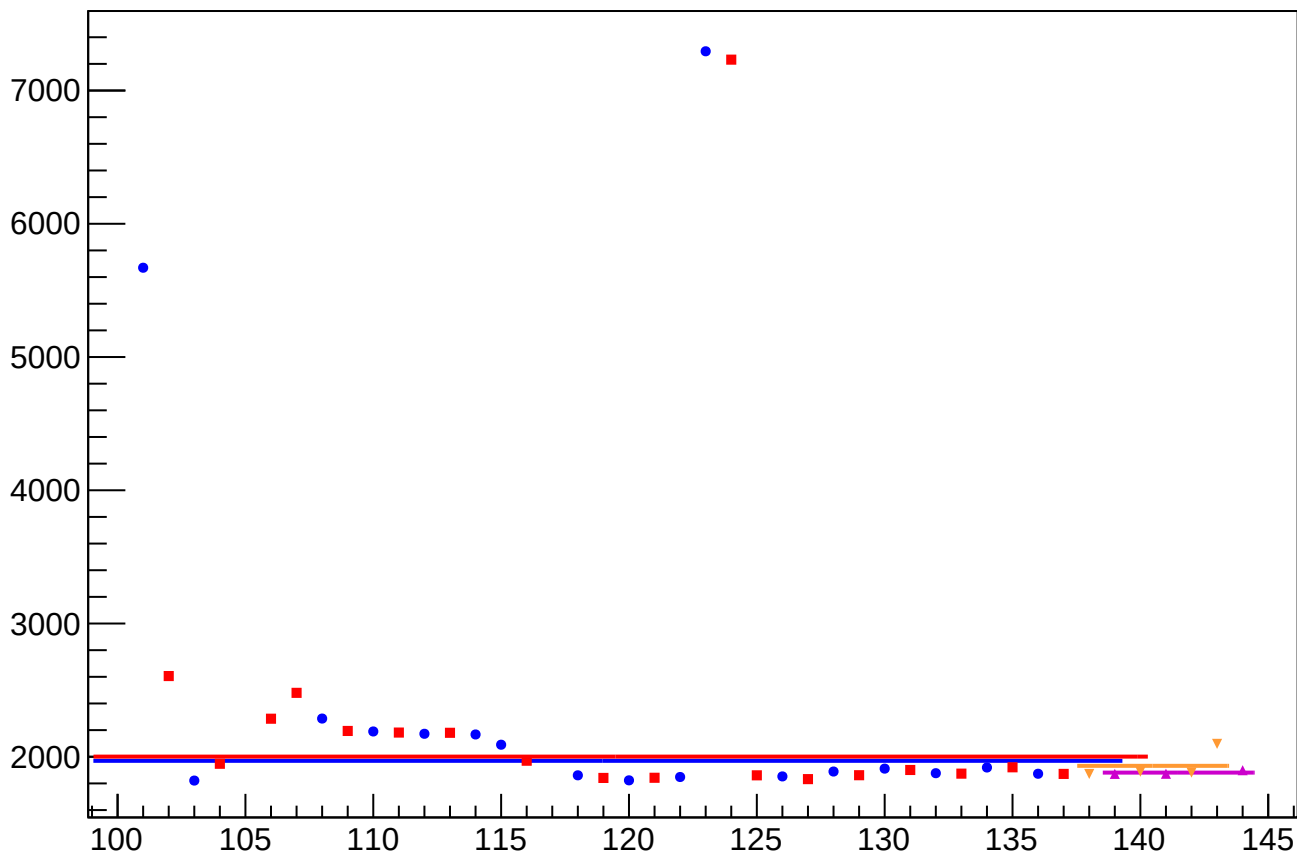
Right: -641.256+/-547.905 χ^2 /NDF: 34.3/34

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

Out: -474.084+/-644.244 χ^2 /NDF:23.4/21

All: -620.344+/-458.447 χ^2 /NDF: 42.8/41

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494 ± 0.551 $\chi^2/\text{NDF}: 602810.5/16$

Left Out: 1931.950 ± 0.831 $\chi^2/\text{NDF}: 12445.8/3$

Right Out: 2001.177 ± 0.545 $\chi^2/\text{NDF}: 290624.5/17$

Left In: 1881.119 ± 0.843 $\chi^2/\text{NDF}: 230.0/2$

Left: 1906.910 ± 0.592 $\chi^2/\text{NDF}: 14518.7/6$

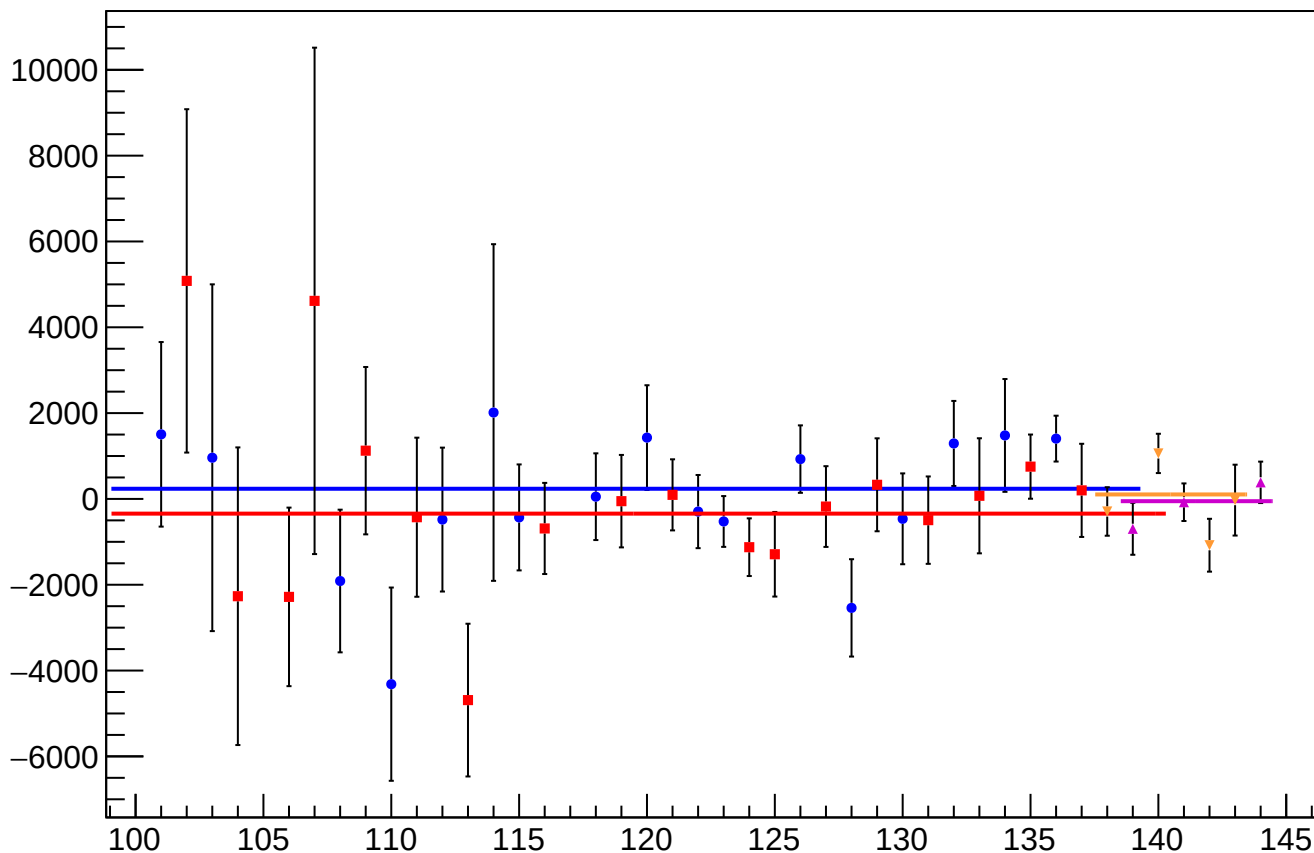
Right: 1985.524 ± 0.387 $\chi^2/\text{NDF}: 895106.7/34$

In: 1943.045 ± 0.461 $\chi^2/\text{NDF}: 610734.1/19$

Out: 1980.376 ± 0.456 $\chi^2/\text{NDF}: 307924.4/21$

All: 1961.949 ± 0.324 $\chi^2/\text{NDF}: 921973.2/41$

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 104.359 $\pm$ 288.654 χ^2/NDF : 8.6/3

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

Left In: -52.648 $\pm$ 285.897 χ^2/NDF : 2.0/2

Left: 25.102 $\pm$ 203.127 χ^2/NDF : 10.7/6

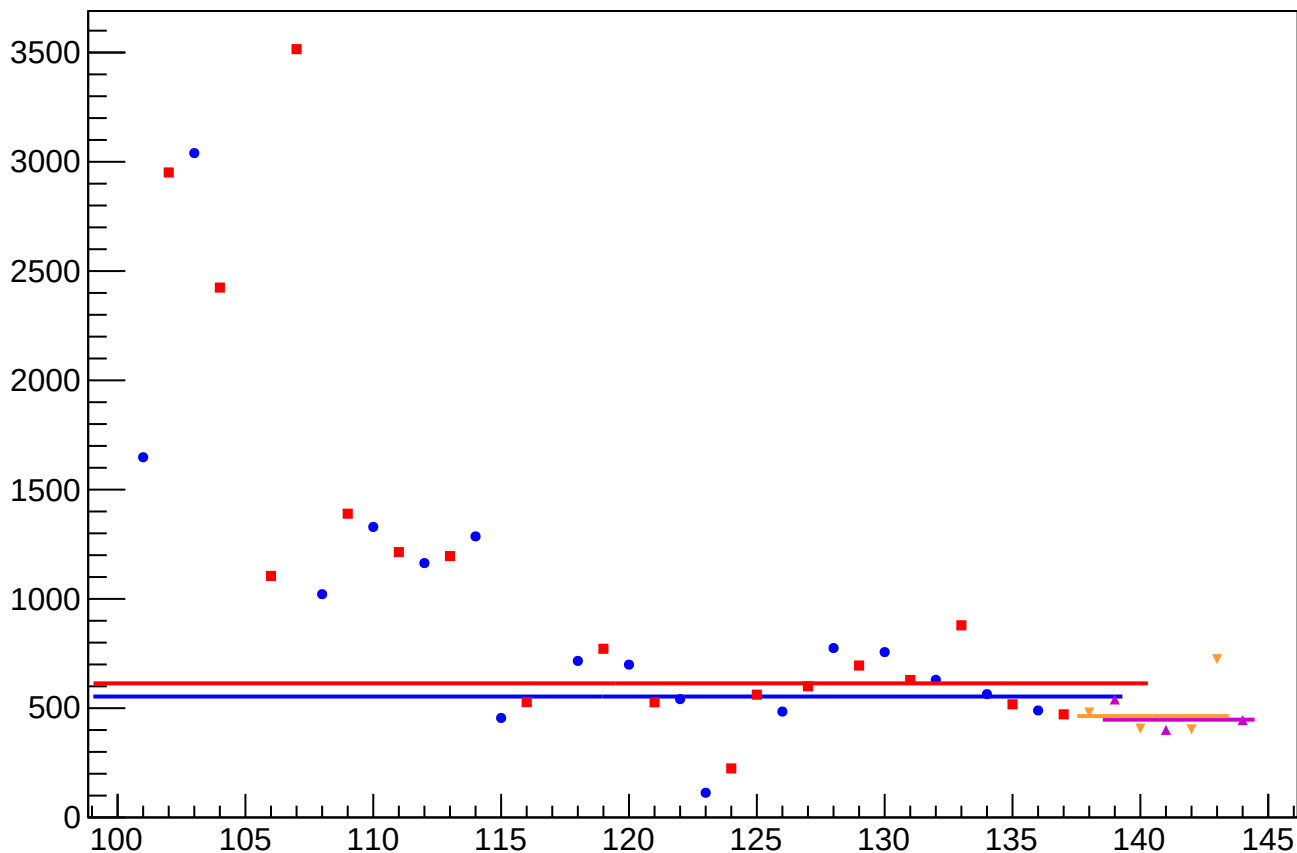
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 112.210 $\pm$ 187.599 χ^2/NDF : 26.4/19

Out: -135.306 $\pm$ 196.628 χ^2/NDF : 25.8/21

All: -5.734 $\pm$ 135.732 χ^2/NDF : 53.0/41

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 463.680+/-0.204 χ^2/NDF : 251070.2/3

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: 455.491+/-0.144 χ^2/NDF : 323812.1/6

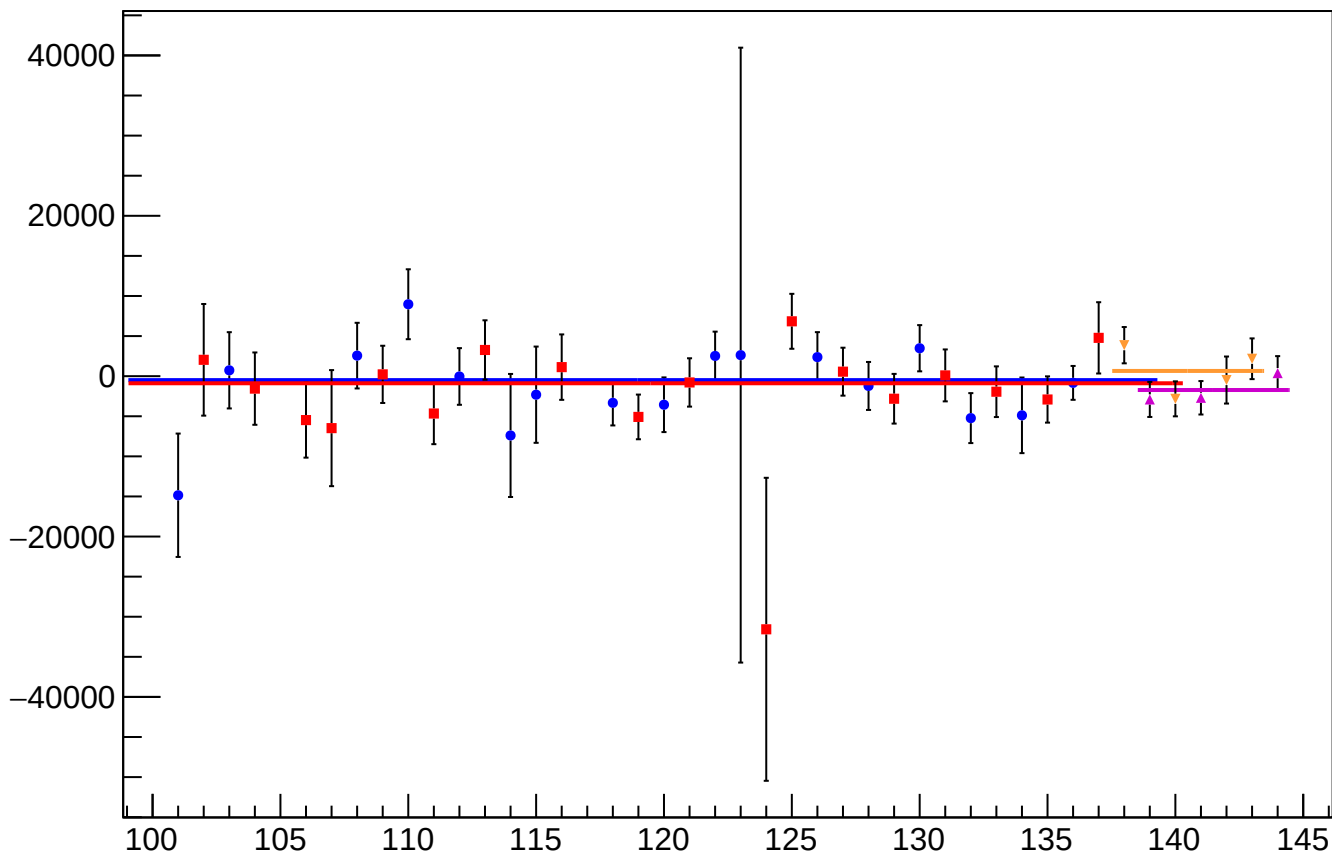
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

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

Out: 544.021+/-0.139 χ^2/NDF : 4016518.8/21

All: 525.016+/-0.096 χ^2/NDF : 7690543.8/41

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 651.980+/-1215.805 χ^2/NDF : 5.1/3

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: -524.325+/-864.185 χ^2/NDF : 8.5/6

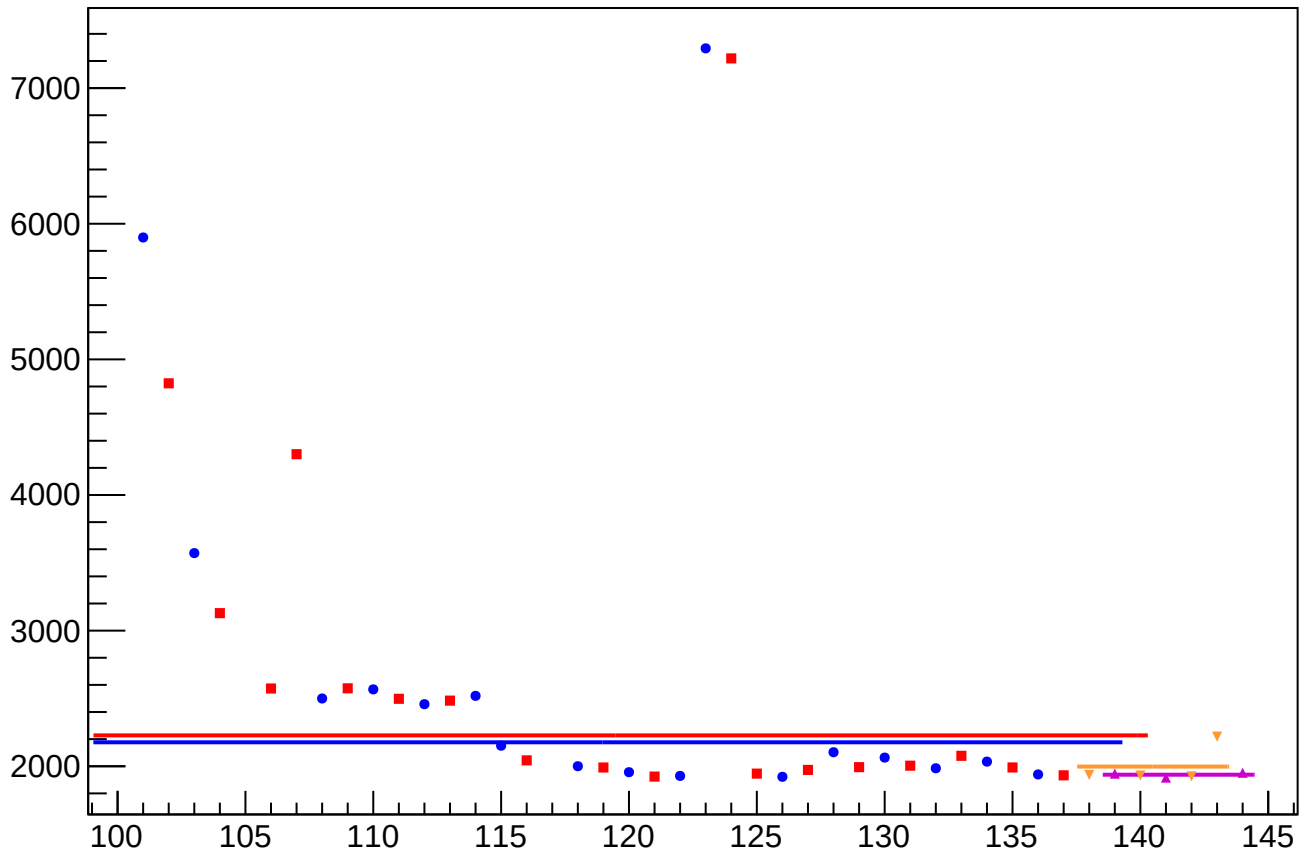
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

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

Out: -364.960+/-707.054 χ^2/NDF : 23.4/21

All: -633.097+/-500.619 χ^2/NDF : 44.4/41

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1997.629 $\pm$ 0.860 χ^2 /NDF:19634.6/3

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: 1967.995 $\pm$ 0.611 χ^2 /NDF: 22364.8/6

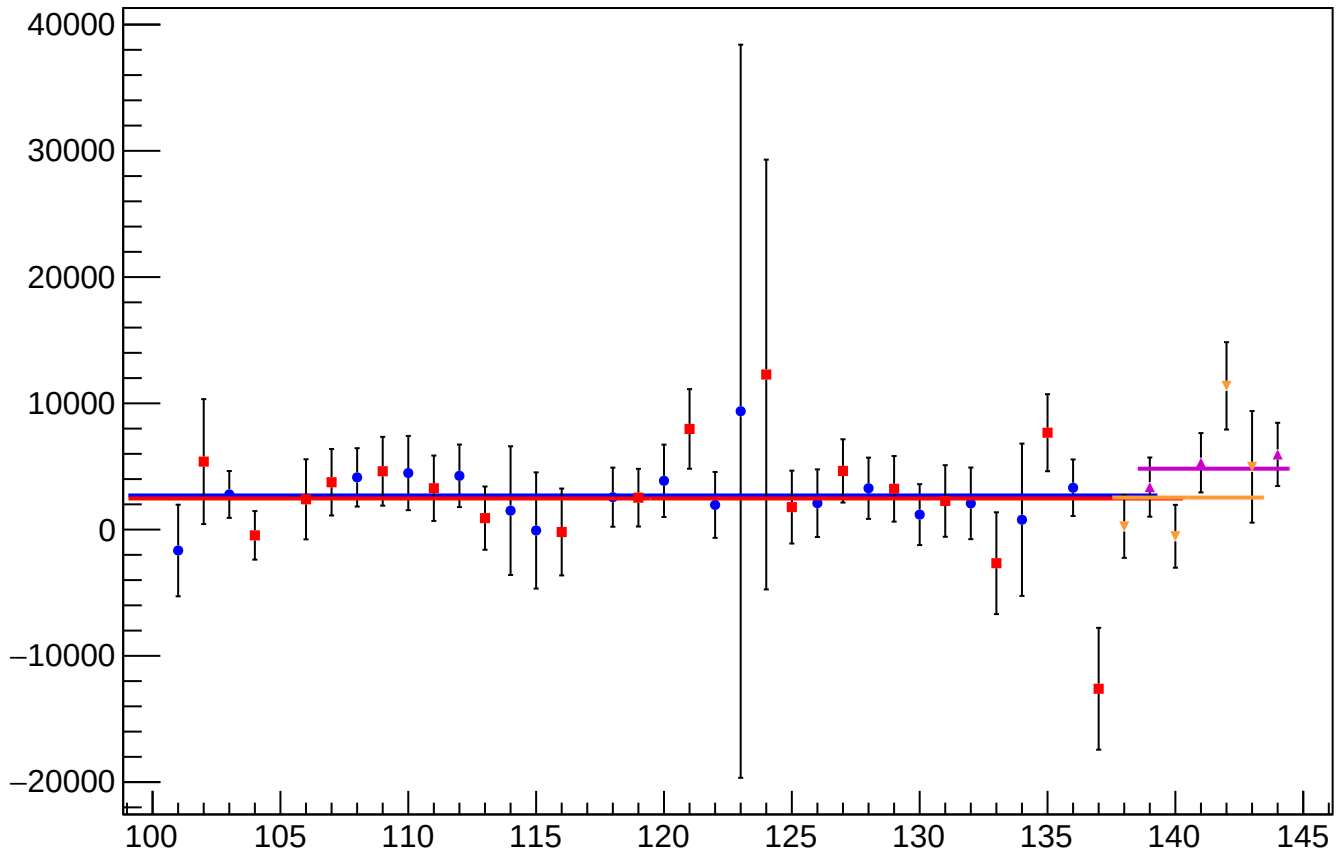
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

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

Out: 2149.882 $\pm$ 0.500 χ^2 /NDF:892692.3/21

All: 2123.594 $\pm$ 0.354 χ^2 /NDF: 1751734.6/41

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 2536.890 $\pm$ 1478.830 χ^2 /NDF:9.2/3

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: 3756.760 $\pm$ 1010.246 χ^2 /NDF: 11.1/6

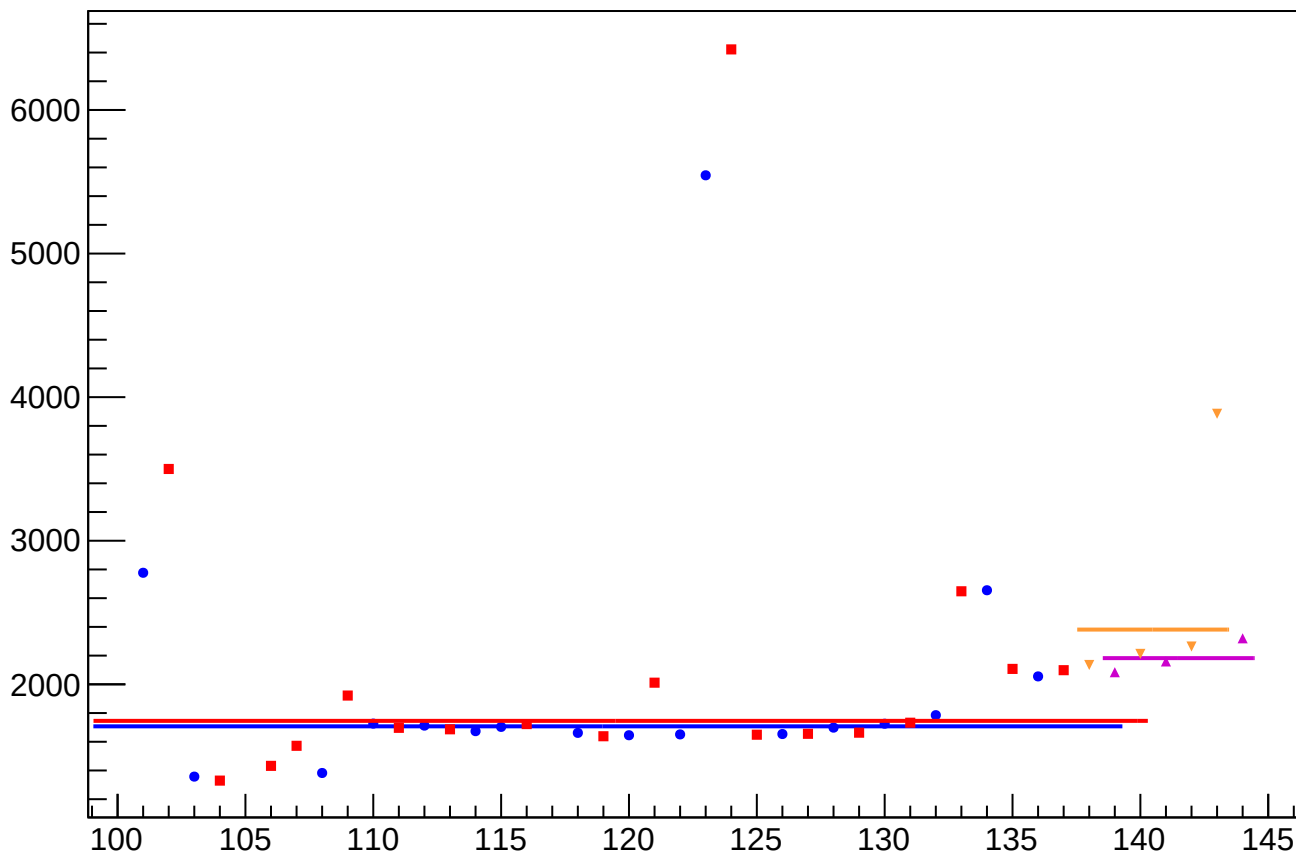
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

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

Out: 2477.304 $\pm$ 620.269 χ^2 /NDF:32.4/21

All: 2801.228 $\pm$ 433.403 χ^2 /NDF: 39.5/41

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2381.285+/-1.046 χ^2/NDF : 262395.4/3

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: 2275.220+/-0.714 χ^2/NDF : 291458.6/6

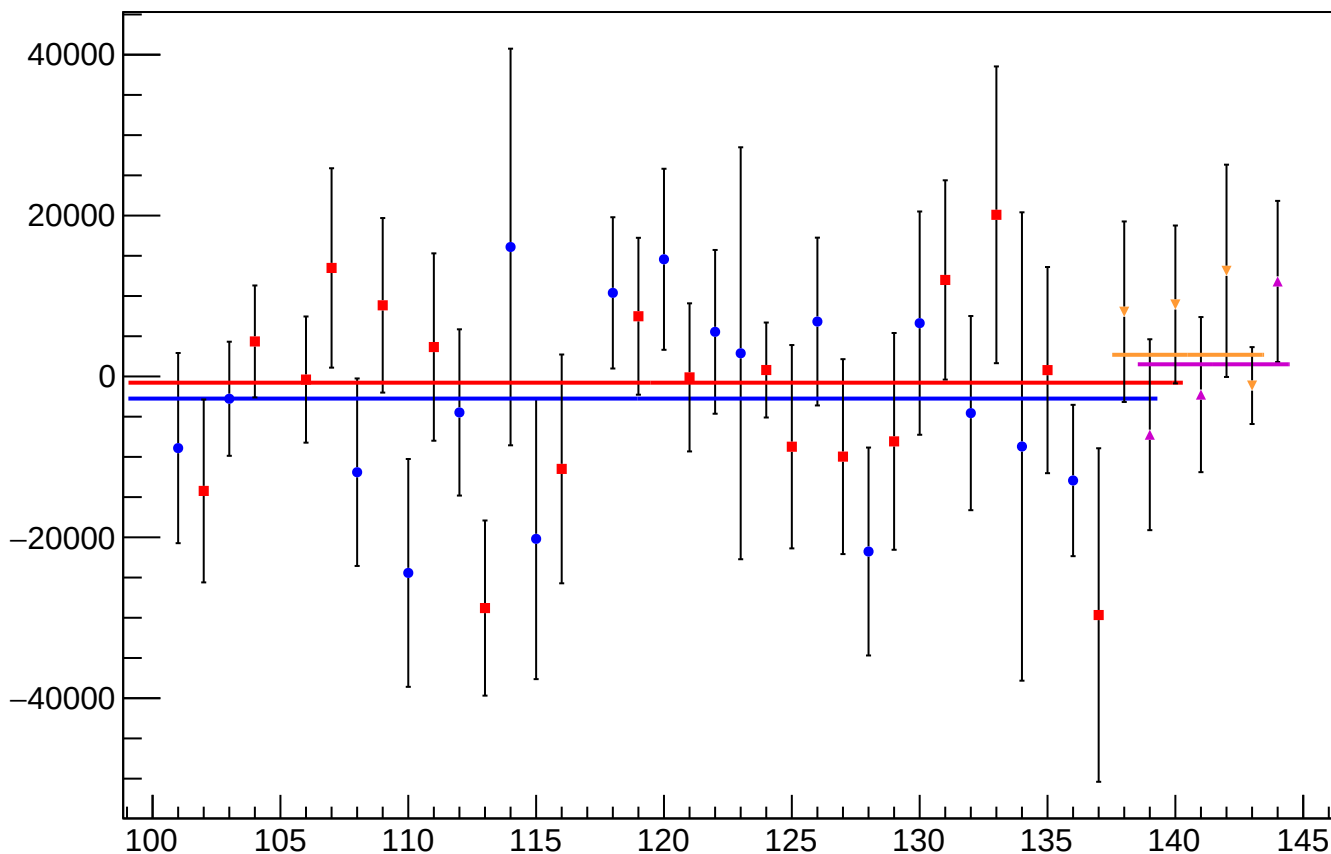
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

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

Out: 1857.341+/-0.438 χ^2/NDF : 1266253.2/21

All: 1827.231+/-0.306 χ^2/NDF : 1898003.6/41

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2693.288+/-3839.510 χ^2/NDF : 1.9/3

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: 2349.482+/-3233.115 χ^2/NDF : 3.7/6

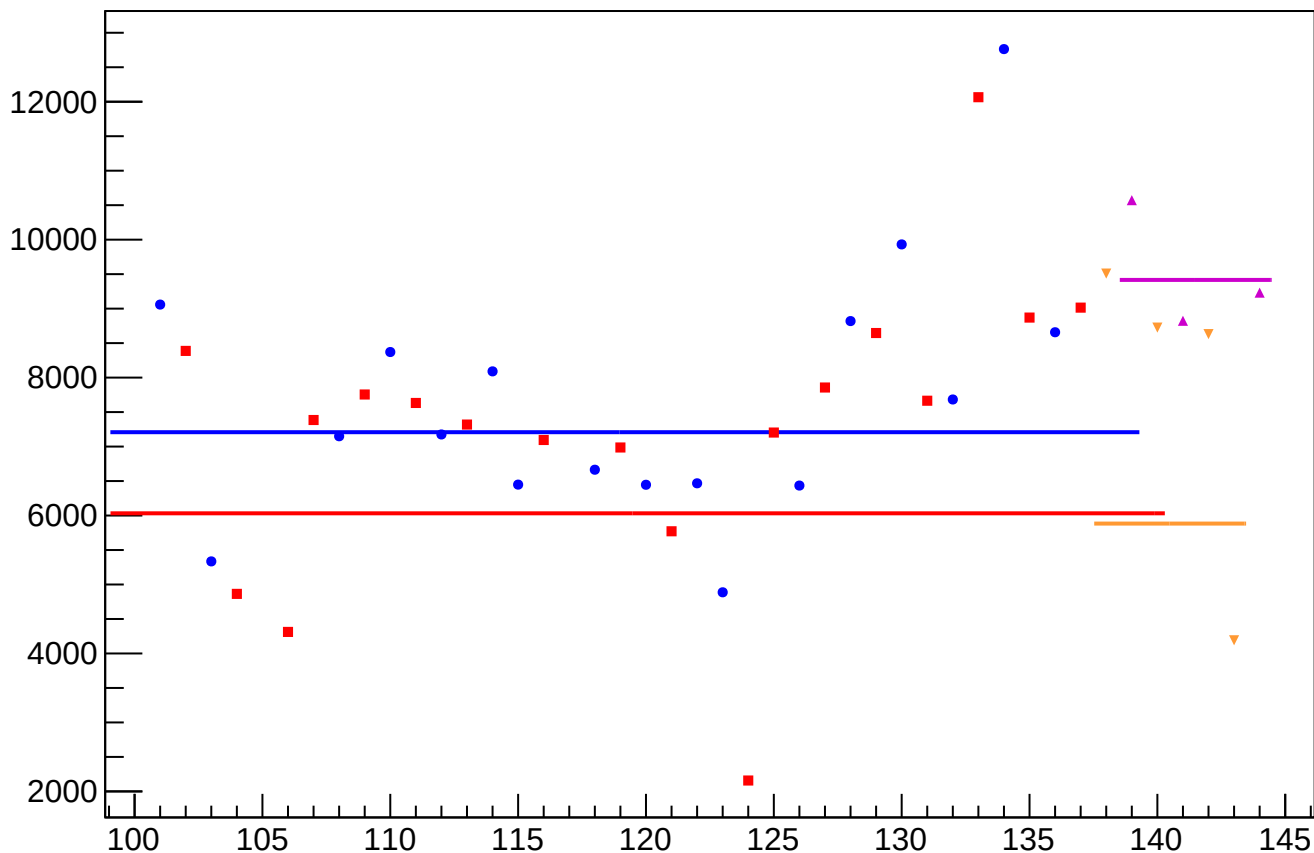
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

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

Out: 223.262+/-2059.815 χ^2/NDF : 20.2/21

All: -634.600+/-1606.859 χ^2/NDF : 37.4/41

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 5883.325+/-2.715 χ^2/NDF : 713758.2/3

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: 6911.171+/-2.286 χ^2/NDF : 1233641.6/6

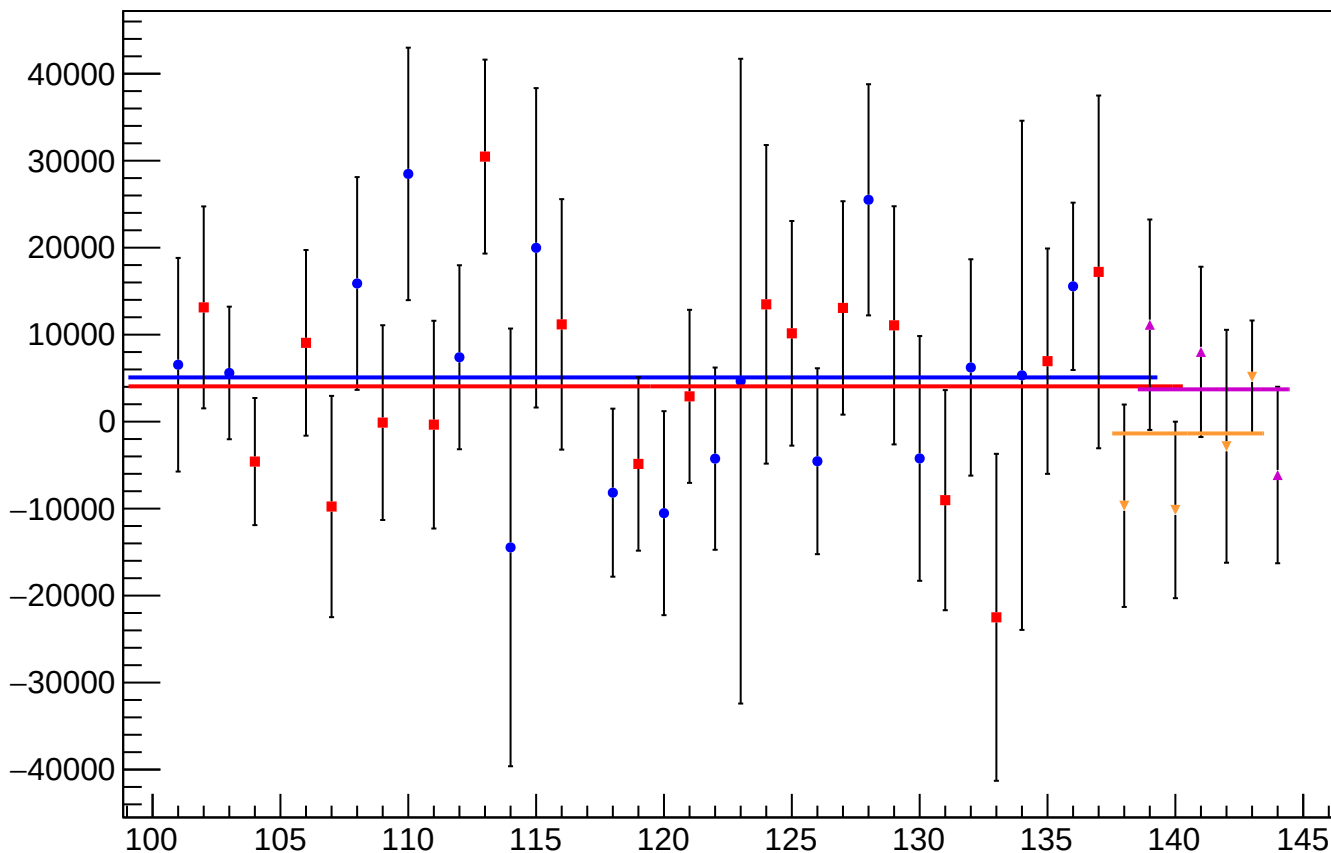
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

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

Out: 5989.347+/-1.457 χ^2/NDF : 2513462.3/21

All: 6625.188+/-1.136 χ^2/NDF : 3742839.0/41

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -1357.788+/-4637.371 χ^2/NDF : 2.3/3

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: 504.363+/-3688.965 χ^2/NDF : 4.2/6

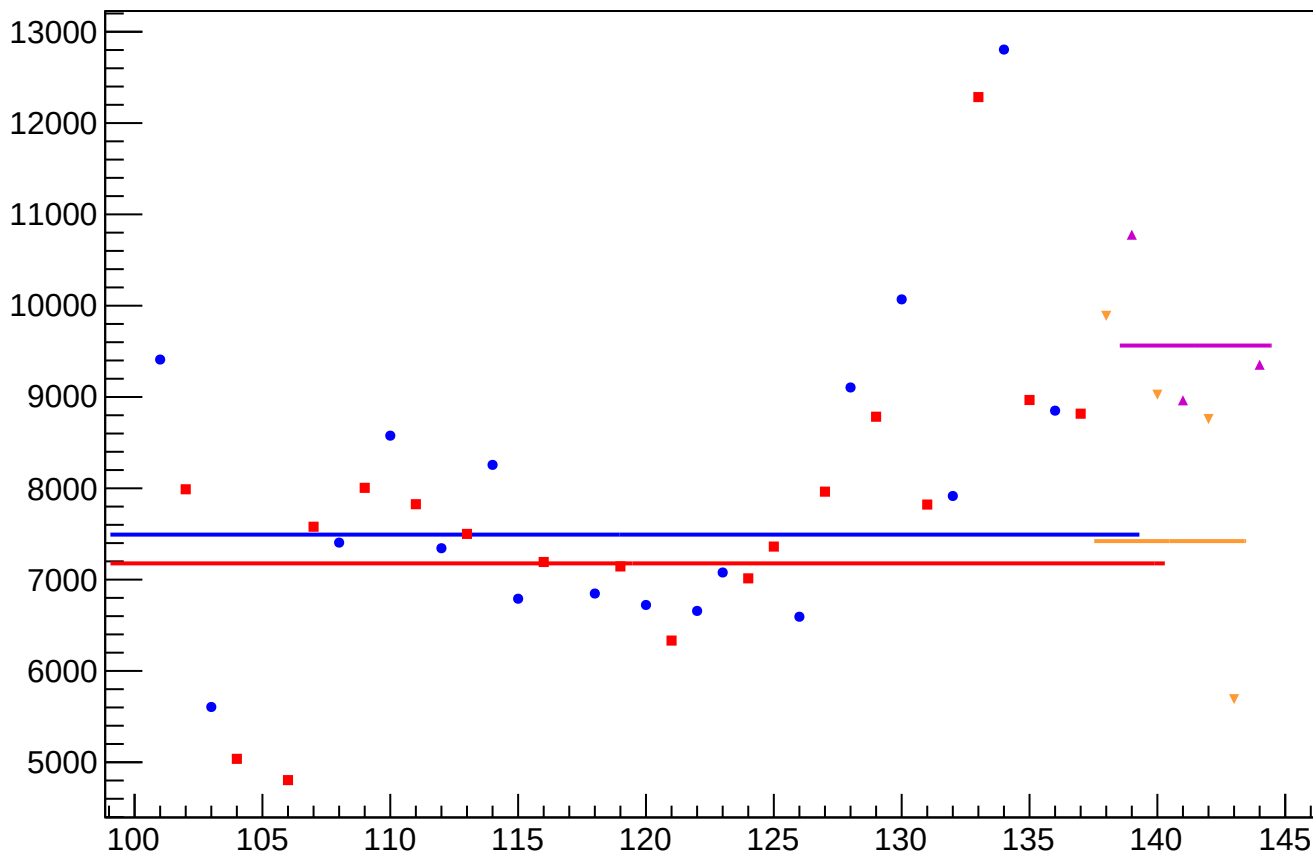
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

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

Out: 2609.269+/-2397.010 χ^2/NDF : 18.5/21

All: 3601.971+/-1780.245 χ^2/NDF : 34.4/41

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7421.935+/-3.279 χ^2/NDF : 302583.9/3

Right Out: 7177.811+/-1.980 χ^2/NDF : 555902.2/17

Left In: 9563.495+/-4.305 χ^2/NDF : 28508.4/2

Left: 8208.319+/-2.608 χ^2/NDF : 487713.7/6

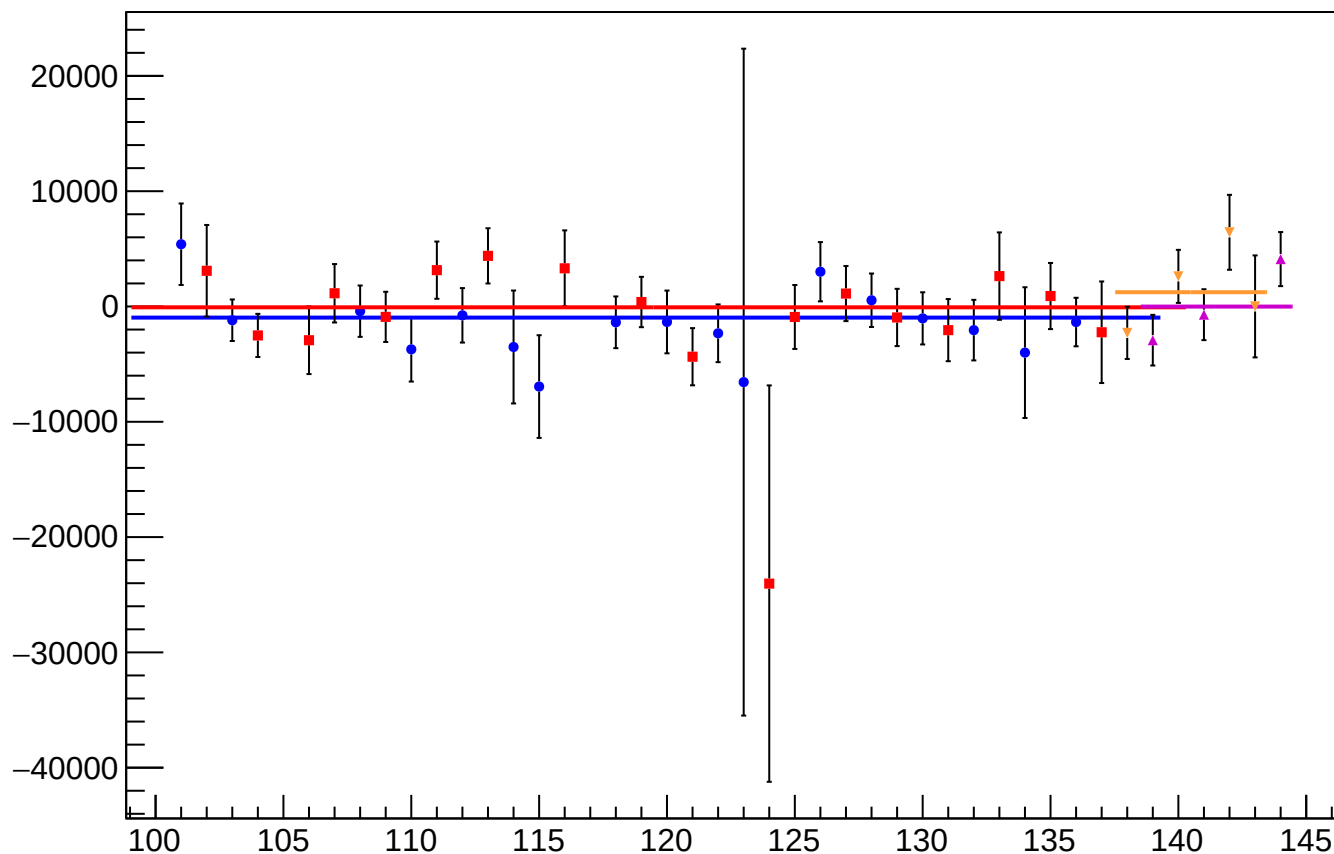
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 7887.791+/-1.880 χ^2/NDF : 652839.3/19

Out: 7243.023+/-1.695 χ^2/NDF : 862548.1/21

All: 7532.117+/-1.259 χ^2/NDF : 1580283.0/41

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 1240.136 $\pm$ 1373.431 χ^2 /NDF:5.4/3

Right Out: -71.322 $\pm$ 634.426 χ^2 /NDF: 16.7/17

Left In: -7.180 $\pm$ 1296.857 χ^2 /NDF:4.9/2

Left: 580.739 $\pm$ 942.925 χ^2 /NDF: 10.8/6

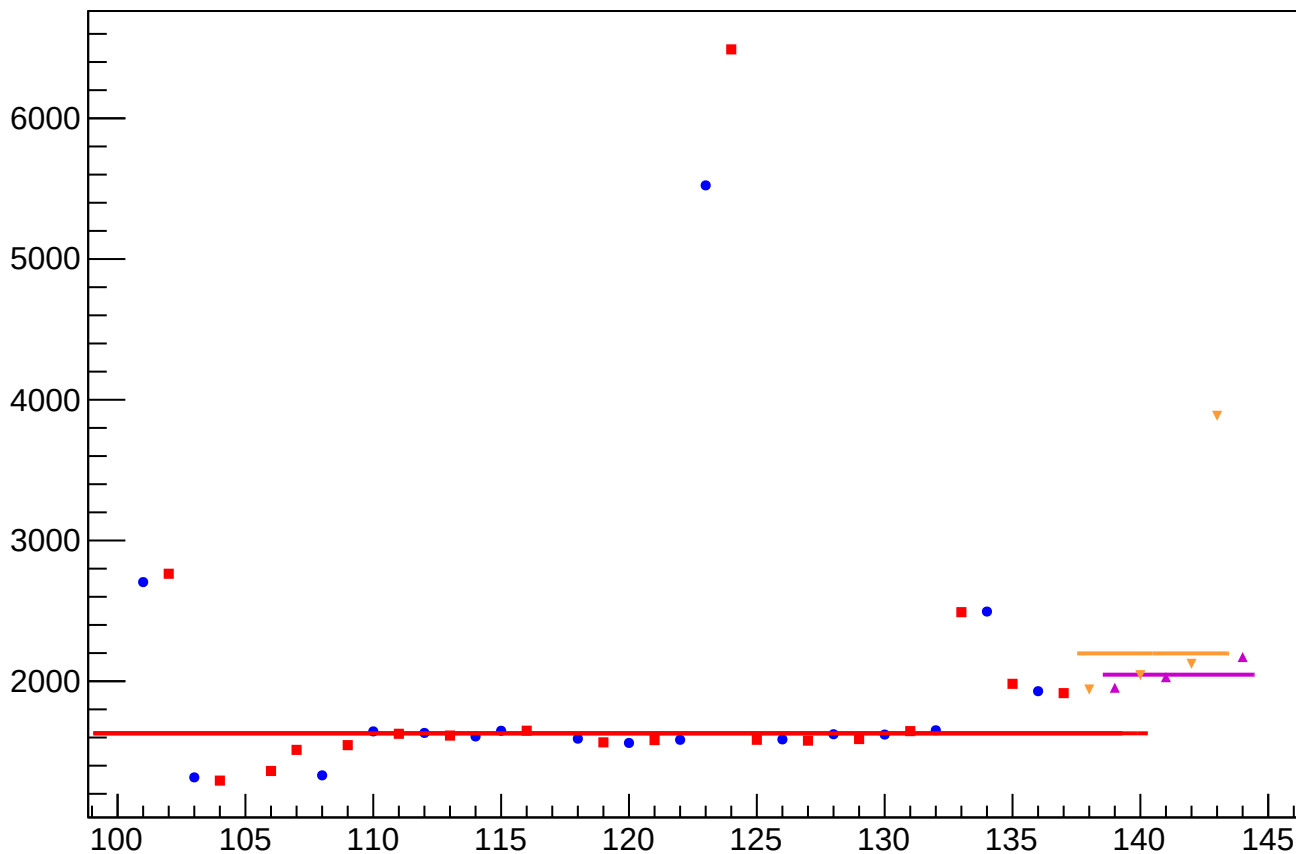
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -774.014 $\pm$ 576.096 χ^2 /NDF:15.5/19

Out: 159.303 $\pm$ 575.947 χ^2 /NDF:22.9/21

All: -307.235 $\pm$ 407.309 χ^2 /NDF: 39.7/41

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2197.780 $\pm$ 0.971 χ^2 /NDF:327267.0/3

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: 2117.853 $\pm$ 0.667 χ^2 /NDF: 349495.3/6

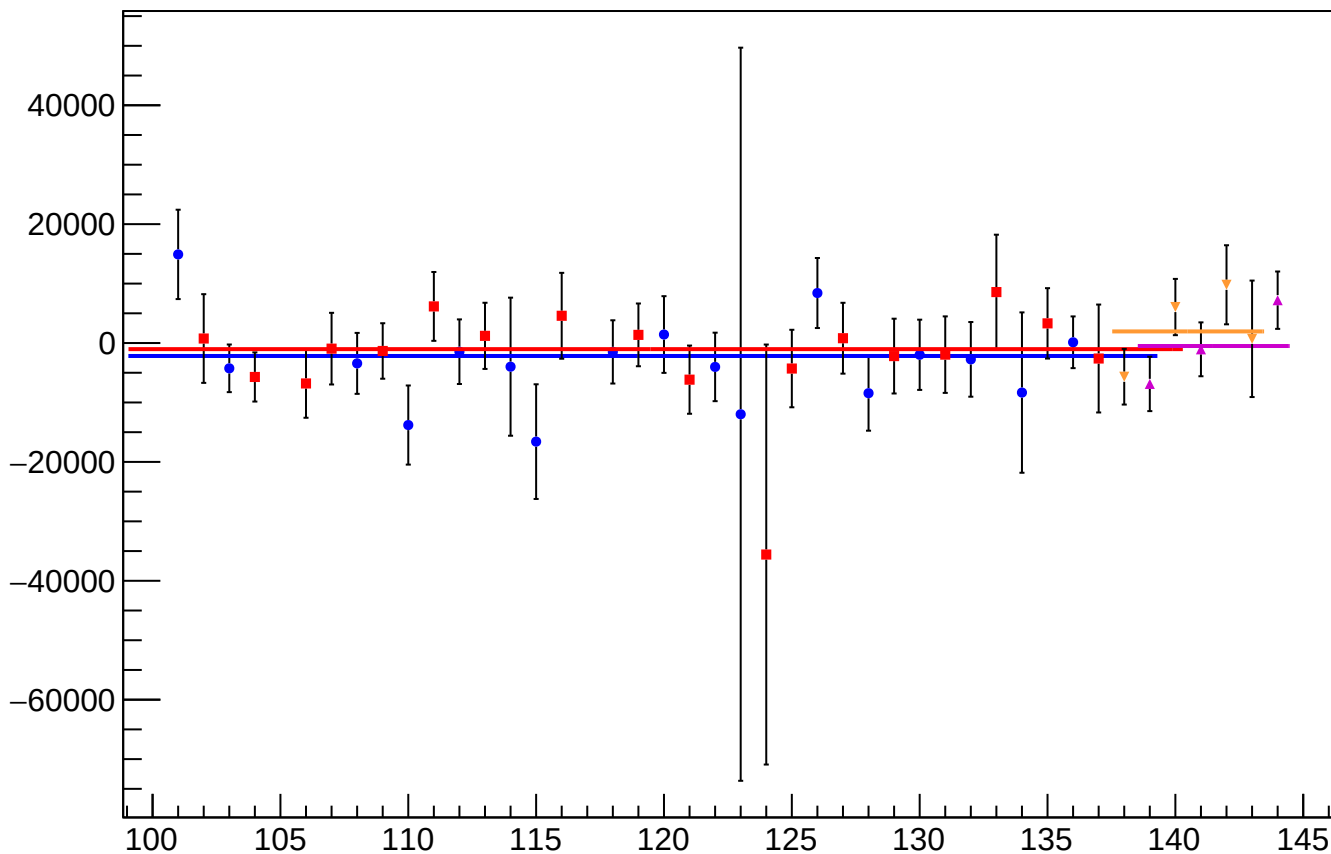
Right: 1629.948 $\pm$ 0.319 χ^2 /NDF: 965609.1/34

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

Out: 1729.798 $\pm$ 0.407 χ^2 /NDF:1166478.4/21

All: 1720.987 $\pm$ 0.288 χ^2 /NDF: 1750671.8/41

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1952.816+/-2848.432 χ^2/NDF : 4.8/3

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: 650.266+/-1951.430 χ^2/NDF : 9.7/6

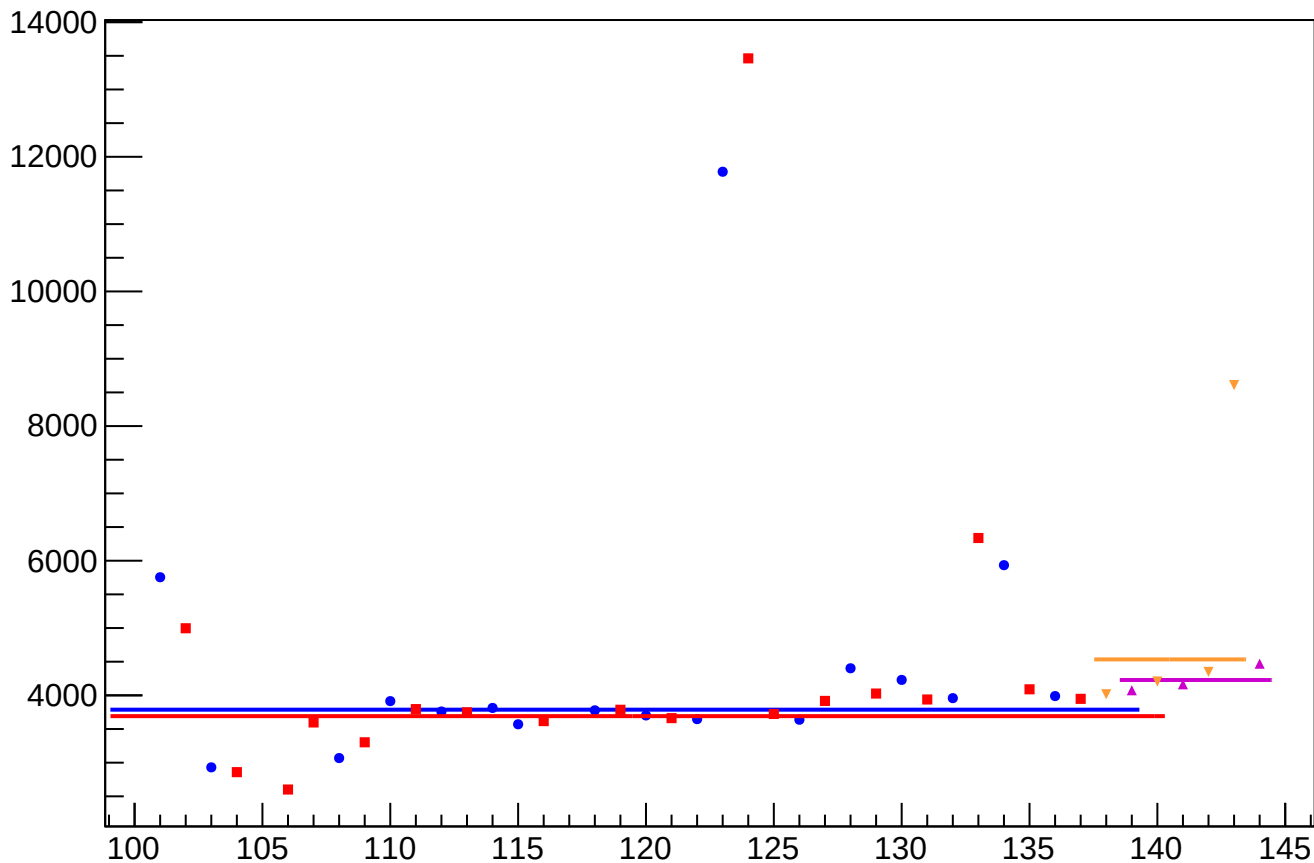
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

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

Out: -418.887+/-1286.770 χ^2/NDF : 14.2/21

All: -1091.142+/-915.967 χ^2/NDF : 35.6/41

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4534.047+/-2.014 χ^2/NDF : 381613.4/3

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: 4371.754+/-1.380 χ^2/NDF : 401495.1/6

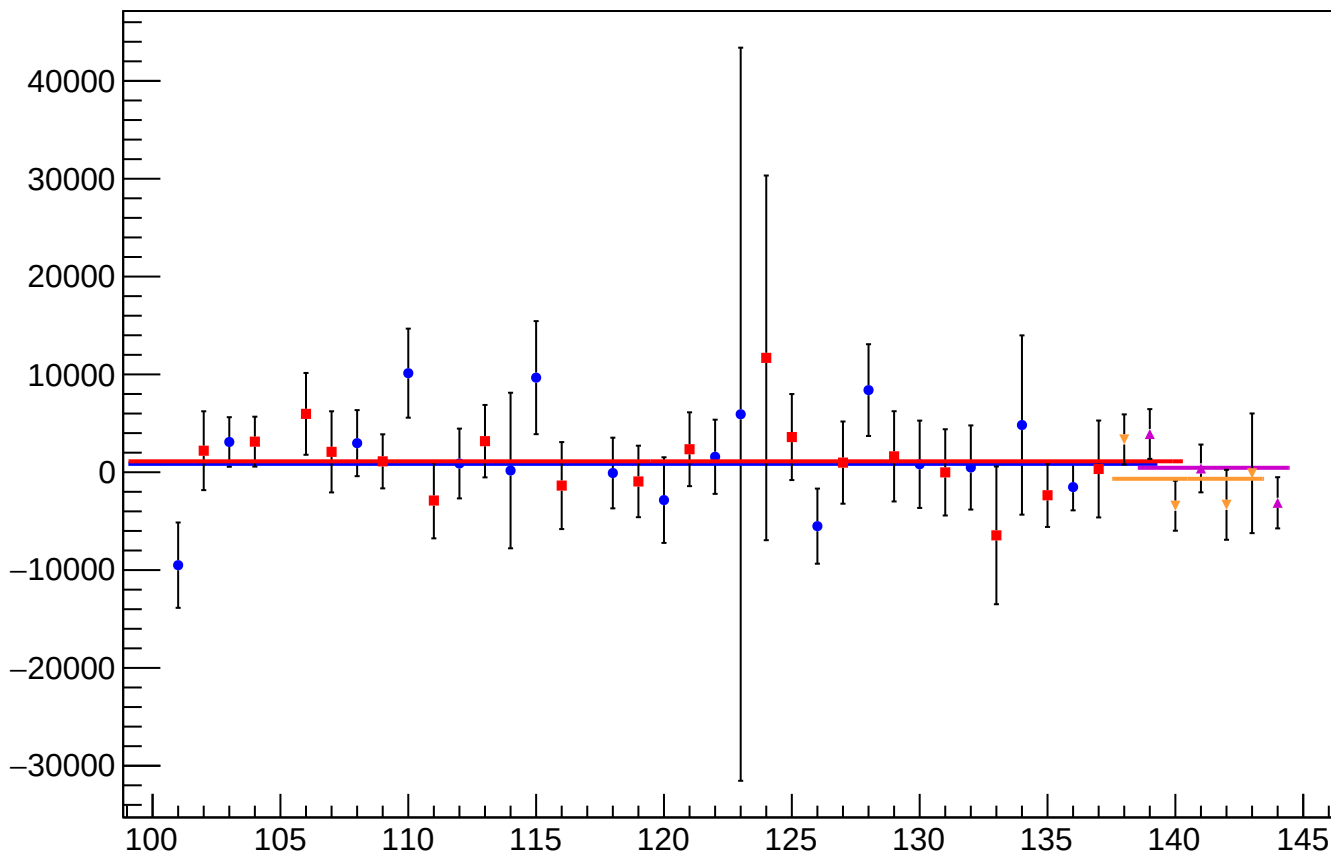
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

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

Out: 3863.234+/-0.910 χ^2/NDF : 1076132.9/21

All: 3877.325+/-0.648 χ^2/NDF : 1518254.5/41

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -668.831 $\pm$ 1560.687 χ^2 /NDF: 4.2/3

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: -69.635 $\pm$ 1066.733 χ^2 /NDF: 8.2/6

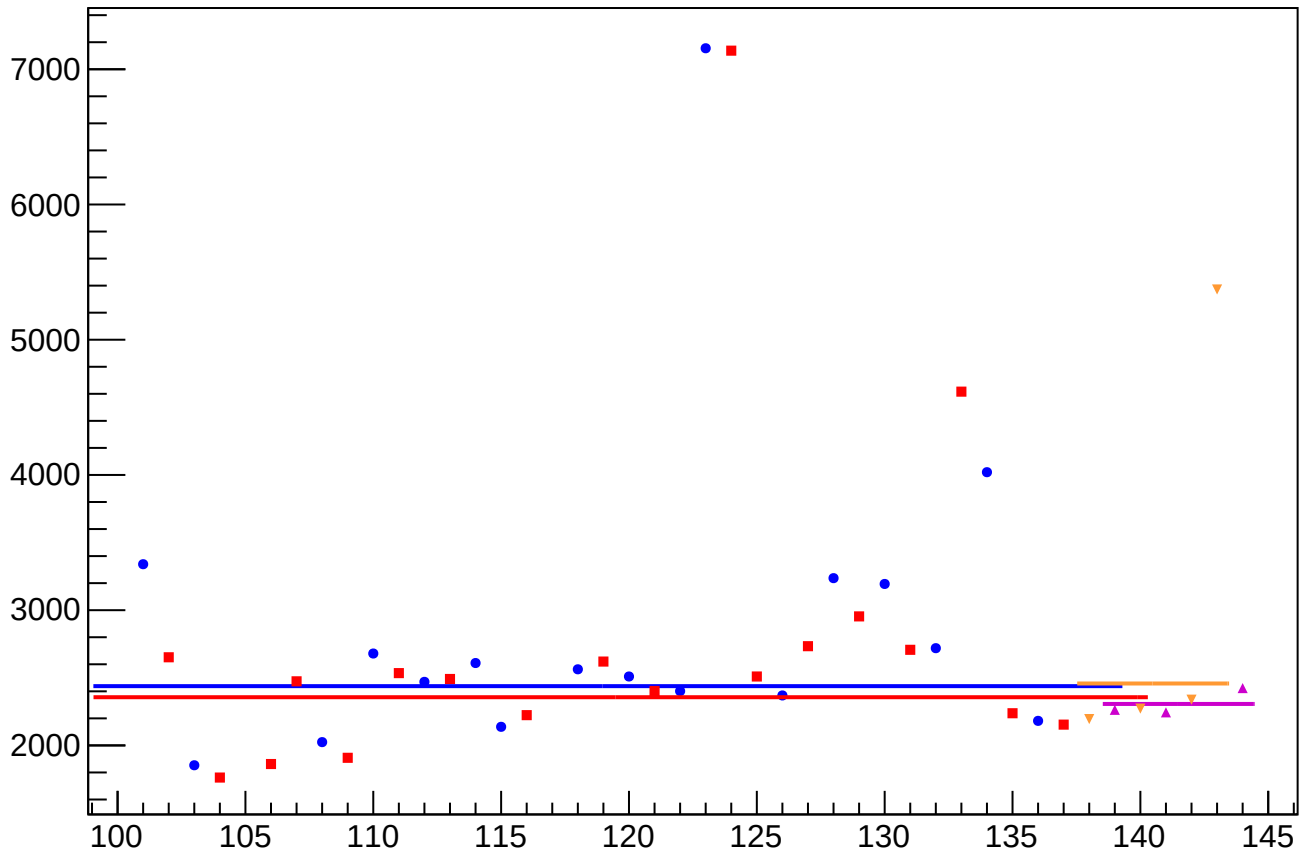
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

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

Out: 651.533 $\pm$ 797.132 χ^2 /NDF: 12.4/21

All: 692.671 $\pm$ 566.462 χ^2 /NDF: 36.8/41

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2457.865 ± 1.104 $\chi^2/\text{NDF}: 487924.4/3$

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: 2377.296 ± 0.754 $\chi^2/\text{NDF}: 503821.9/6$

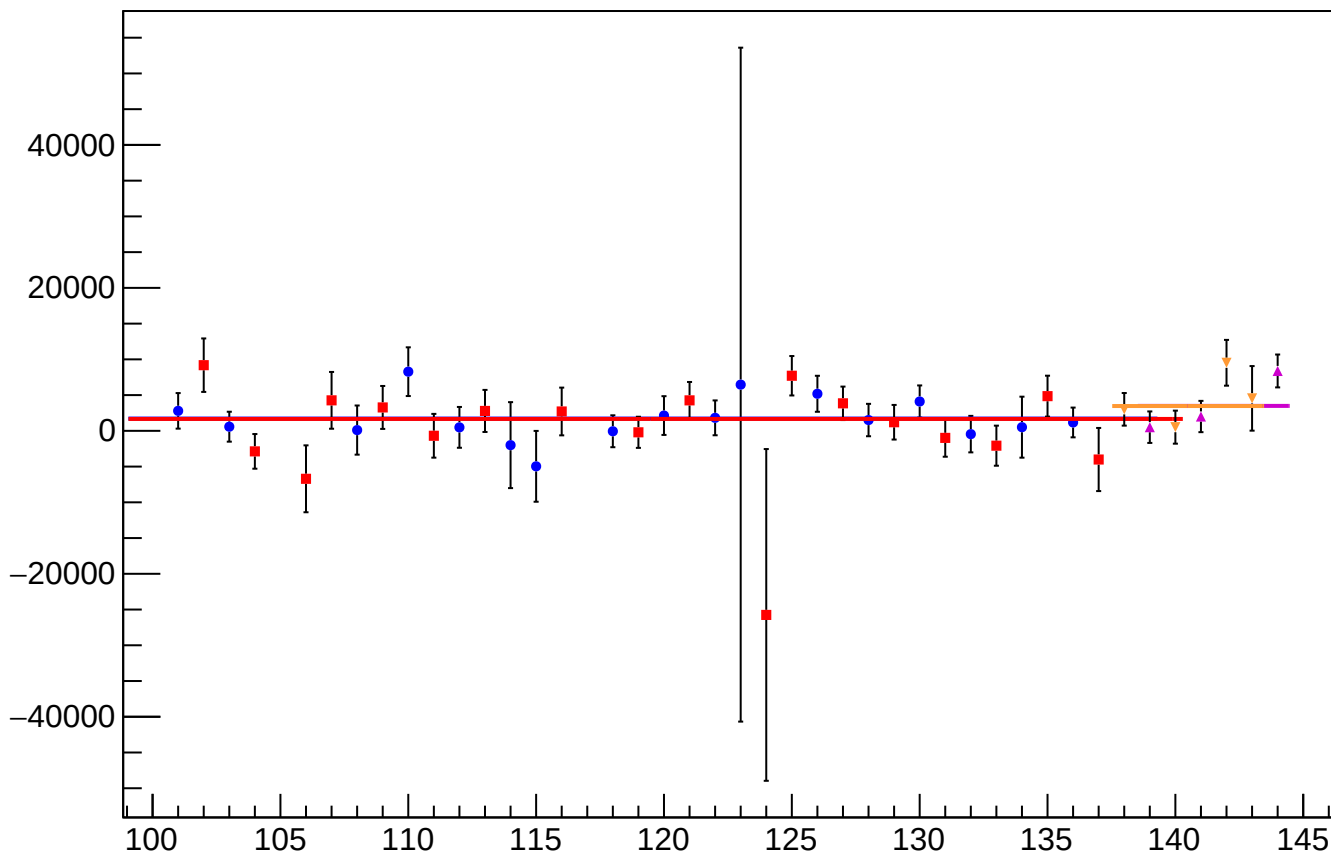
Right: 2395.716 ± 0.473 $\chi^2/\text{NDF}: 1113343.5/34$

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

Out: 2382.873 ± 0.564 $\chi^2/\text{NDF}: 1123304.8/21$

All: 2390.522 ± 0.401 $\chi^2/\text{NDF}: 1617593.6/41$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 3470.885+/-1378.626 χ^2/NDF : 5.3/3

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: 3480.945+/-940.671 χ^2/NDF : 12.1/6

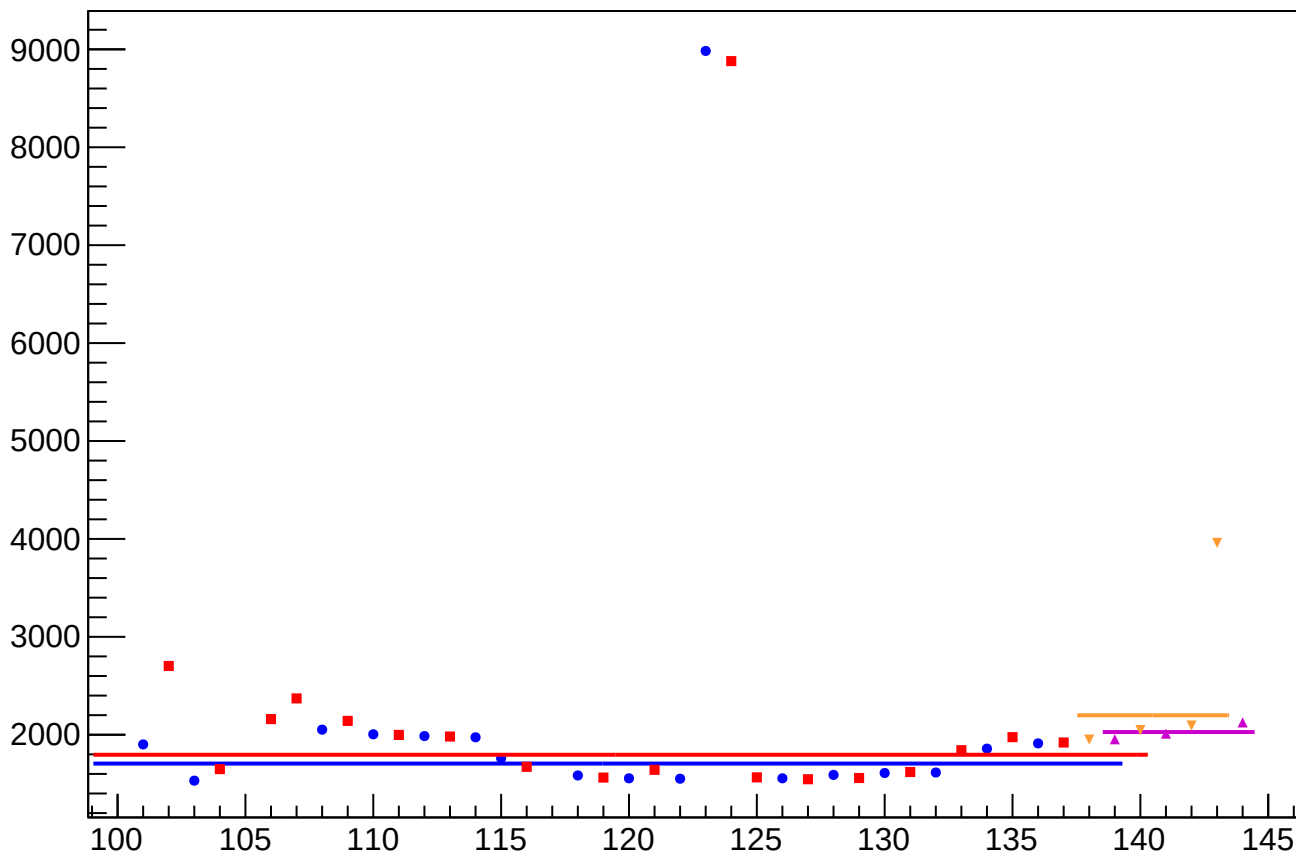
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

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

Out: 2031.831+/-621.099 χ^2/NDF : 33.5/21

All: 2061.817+/-428.629 χ^2/NDF : 53.2/41

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2198.713+/-0.975 χ^2/NDF : 338082.2/3

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: 2107.288+/-0.665 χ^2/NDF : 360573.4/6

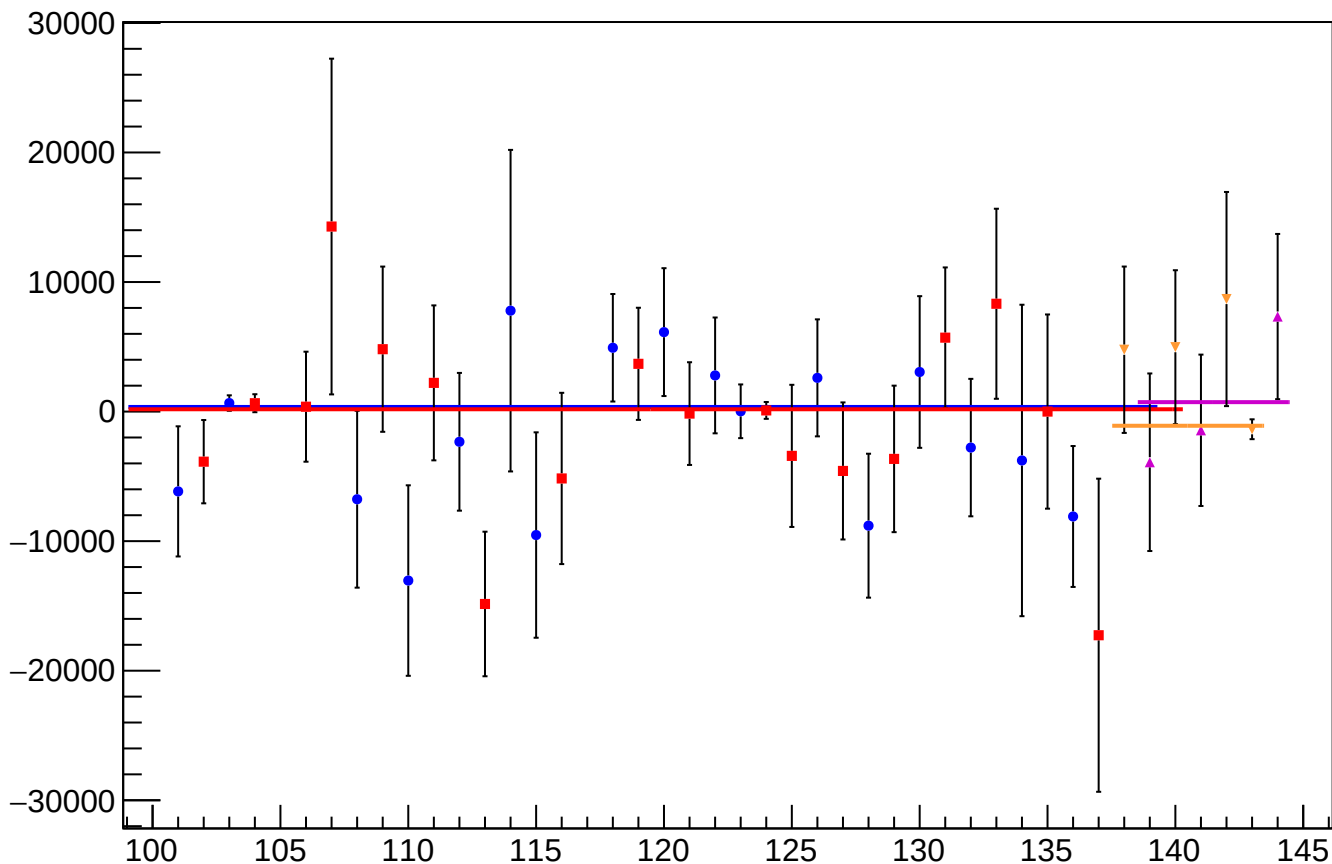
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

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

Out: 1877.113+/-0.438 χ^2/NDF : 993316.6/21

All: 1823.120+/-0.303 χ^2/NDF : 1321254.4/41

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1094.022 $\pm$ 751.431 χ^2 /NDF: 3.4/3

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: -1019.785 $\pm$ 735.970 χ^2 /NDF: 5.3/6

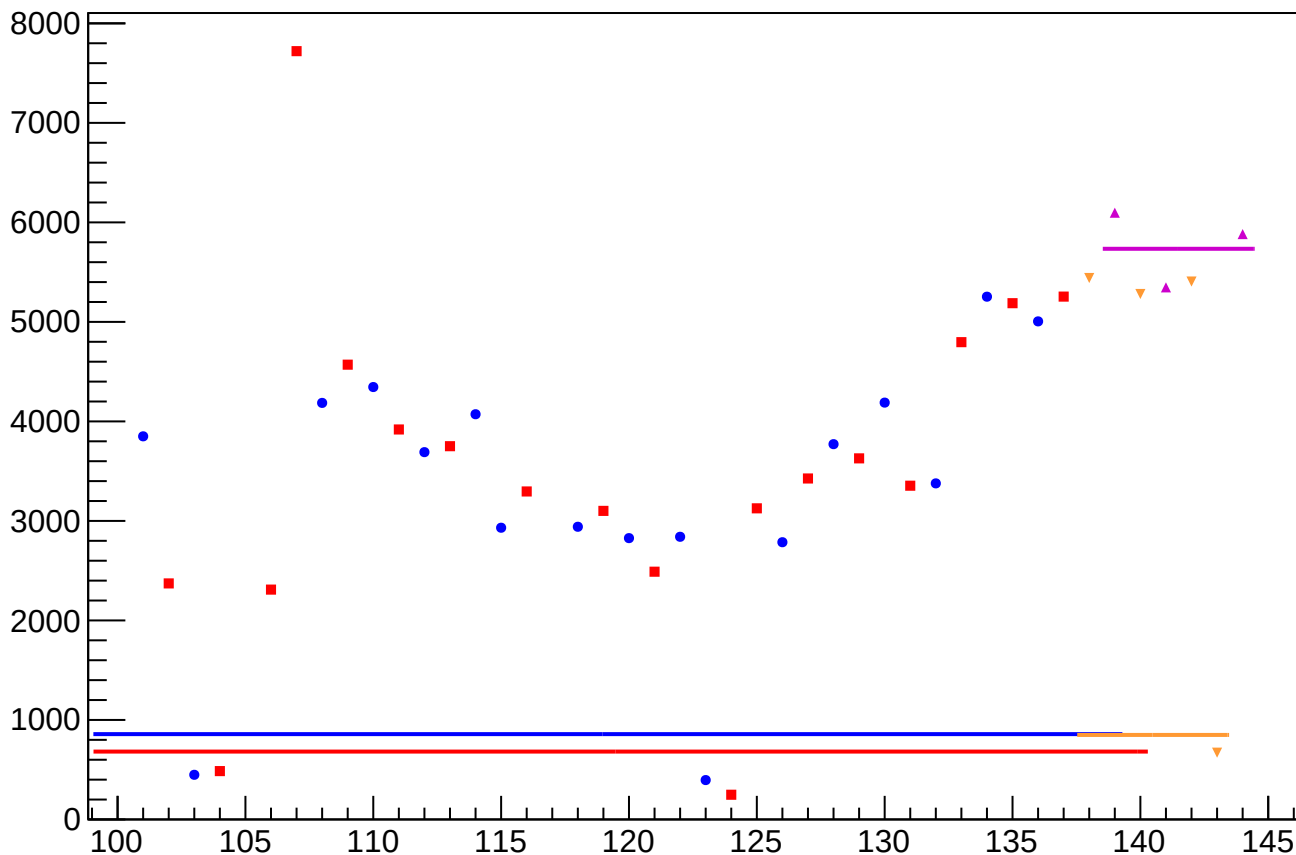
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

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

Out: -153.592 $\pm$ 384.164 χ^2 /NDF: 24.0/21

All: 26.023 $\pm$ 310.560 χ^2 /NDF: 43.8/41

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 849.378+/-0.531 χ^2/NDF :2852268.8/3

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: 1048.347+/-0.520 χ^2/NDF : 6310644.5/6

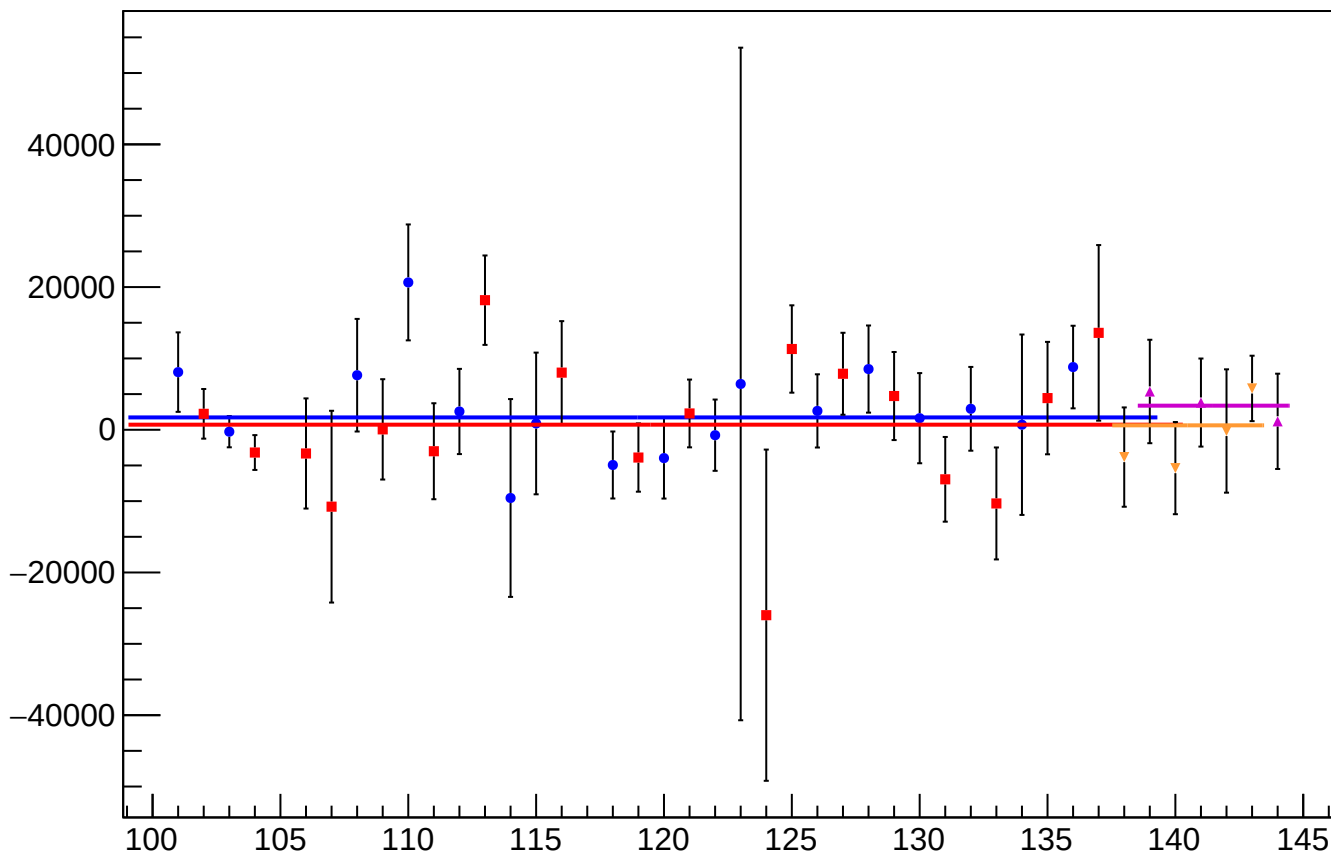
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

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

Out: 725.832+/-0.272 χ^2/NDF :12304034.6/21

All: 806.813+/-0.220 χ^2/NDF : 24253588.3/41

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 622.574+/-3077.796 χ^2/NDF : 2.6/3

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: 1699.929+/-2402.298 χ^2/NDF : 3.1/6

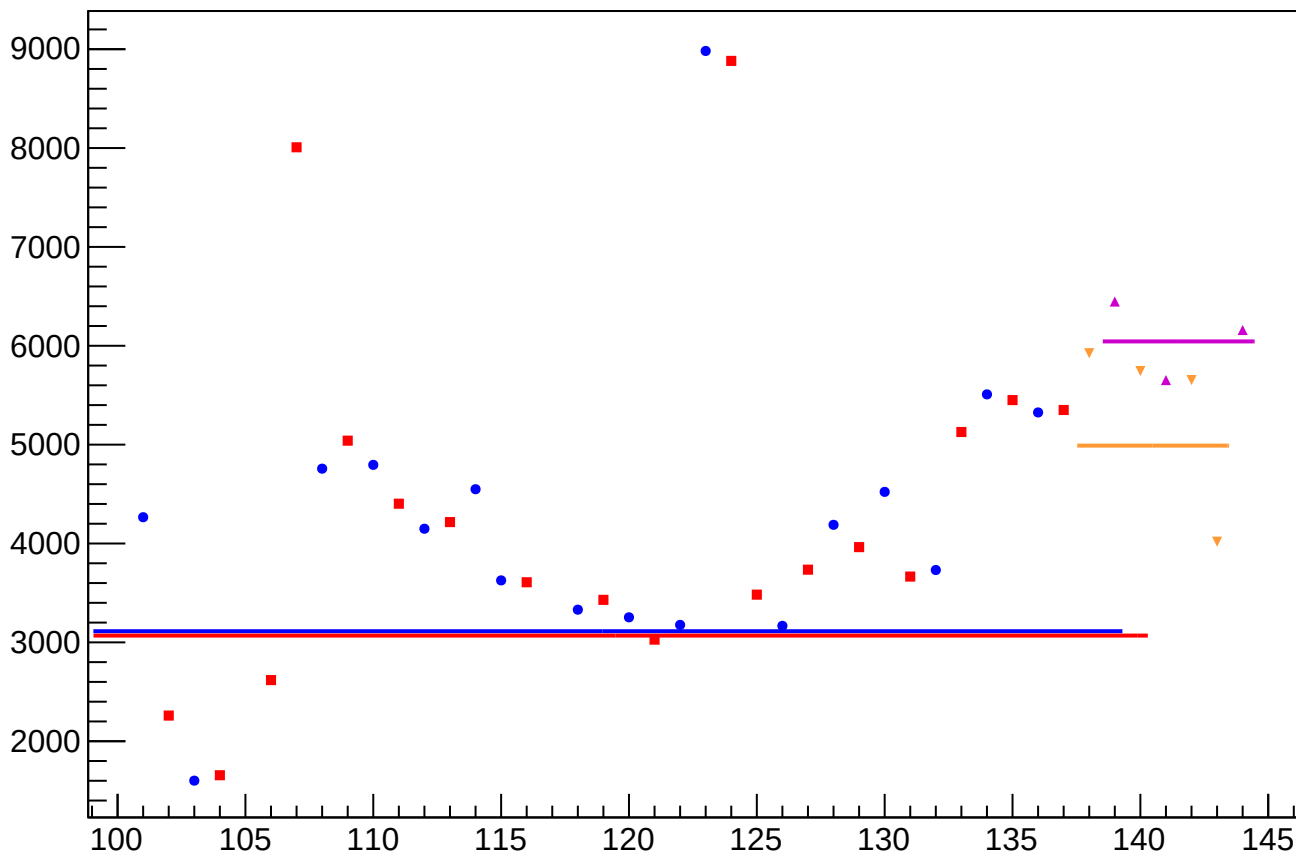
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

Out: 701.604+/-1190.273 χ^2/NDF : 27.7/21

All: 1280.168+/-857.146 χ^2/NDF : 43.4/41

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 4990.269+/-2.176 χ^2/NDF :164987.9/3

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: 5402.090+/-1.699 χ^2/NDF : 271447.2/6

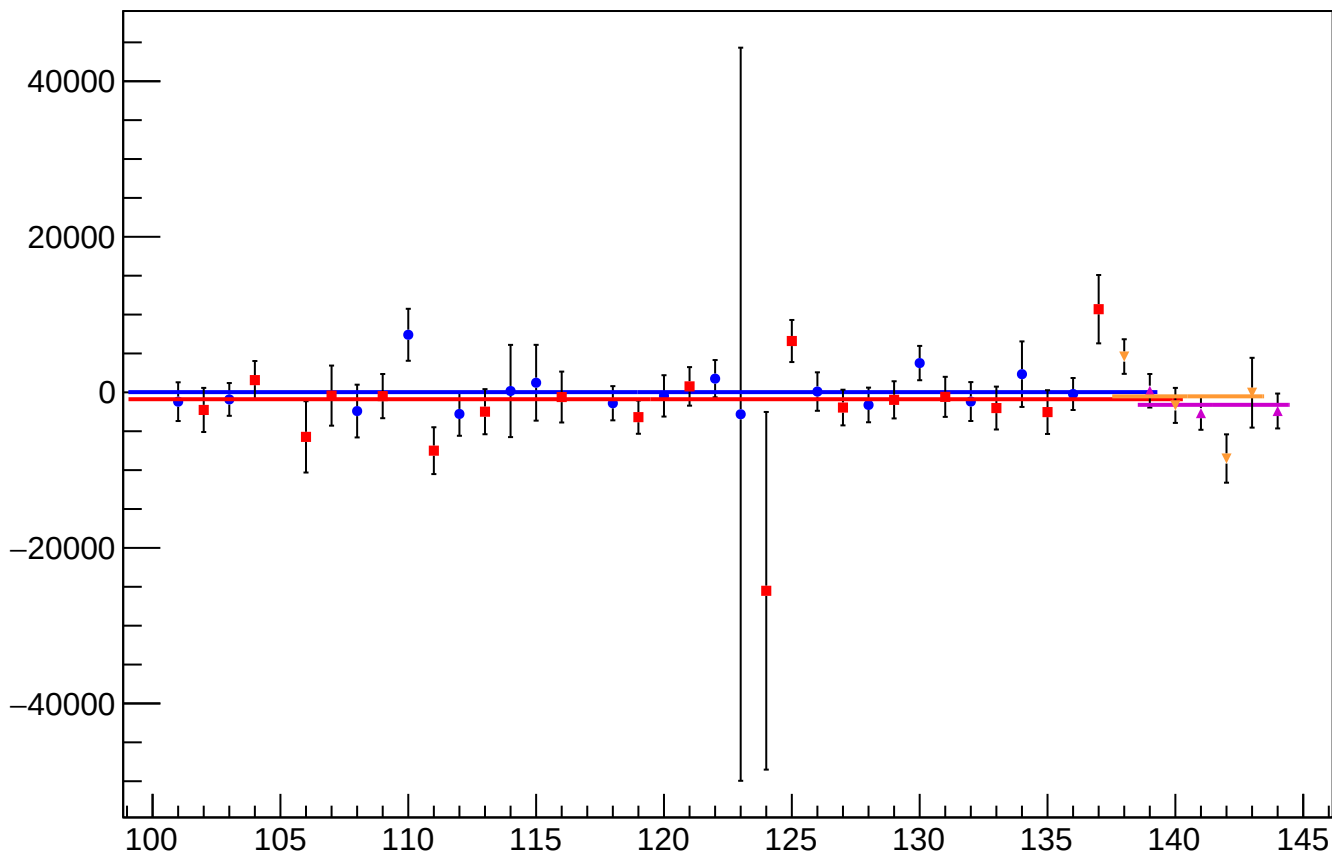
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

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

Out: 3348.928+/-0.831 χ^2/NDF :2832536.7/21

All: 3380.616+/-0.602 χ^2/NDF : 5778442.9/41

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 $\chi^2/\text{NDF}: 11.8/16$

Left Out: -513.017 ± 1345.197 $\chi^2/\text{NDF}: 12.2/3$

Right Out: -882.685 ± 674.623 $\chi^2/\text{NDF}: 25.6/17$

Left In: -1605.477 ± 1257.688 $\chi^2/\text{NDF}: 1.1/2$

Left: -1095.934 ± 918.700 $\chi^2/\text{NDF}: 13.6/6$

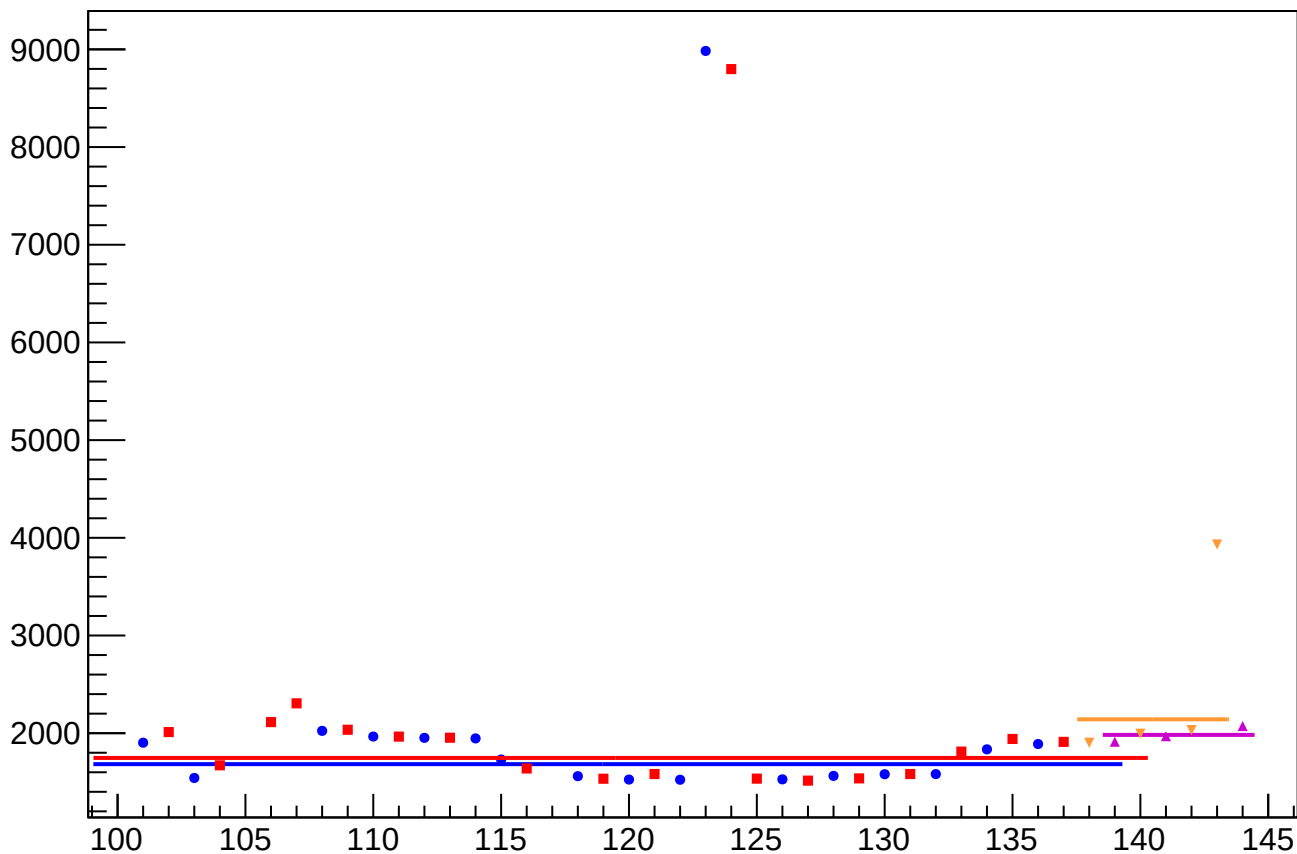
Right: -415.699 ± 471.191 $\chi^2/\text{NDF}: 38.4/34$

In: -322.503 ± 583.308 $\chi^2/\text{NDF}: 14.2/19$

Out: -808.395 ± 603.038 $\chi^2/\text{NDF}: 37.9/21$

All: -557.371 ± 419.262 $\chi^2/\text{NDF}: 52.4/41$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2142.129+/-0.951 χ^2/NDF : 352498.7/3

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: 2057.027+/-0.650 χ^2/NDF : 372932.0/6

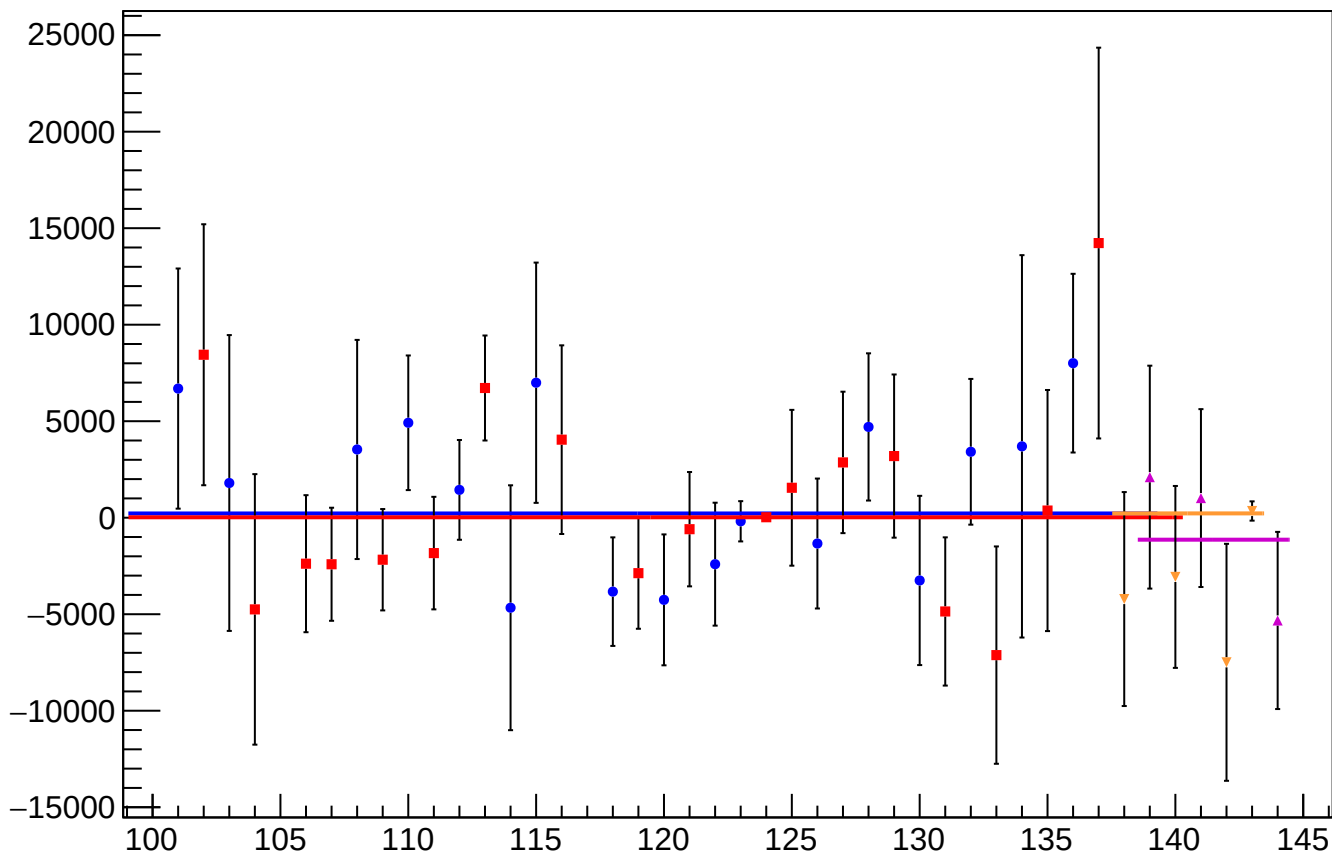
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

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

Out: 1825.968+/-0.426 χ^2/NDF : 897363.9/21

All: 1785.525+/-0.296 χ^2/NDF : 1205184.3/41

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 223.632 $\pm$ 492.928 χ^2 /NDF:2.8/3

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: 183.611 $\pm$ 485.634 χ^2 /NDF: 4.4/6

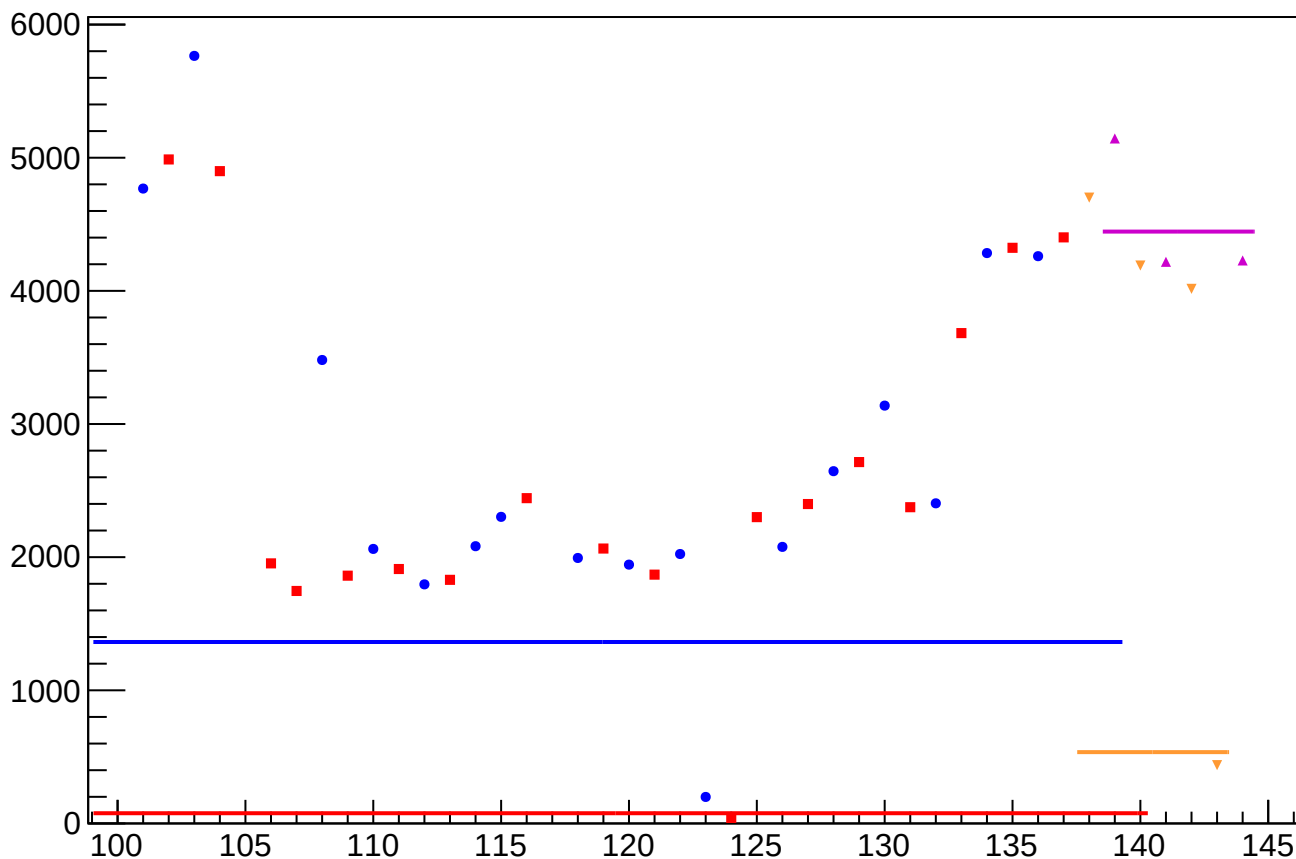
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

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

Out: 32.208 $\pm$ 111.194 χ^2 /NDF:21.5/21

All: 34.802 $\pm$ 109.812 χ^2 /NDF: 38.9/41

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 535.750 $\pm$ 0.349 χ^2/NDF : 3051225.9/3

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

Left In: 4445.217 $\pm$ 2.003 χ^2/NDF : 38651.8/2

Left: 650.602 $\pm$ 0.343 χ^2/NDF : 6785743.7/6

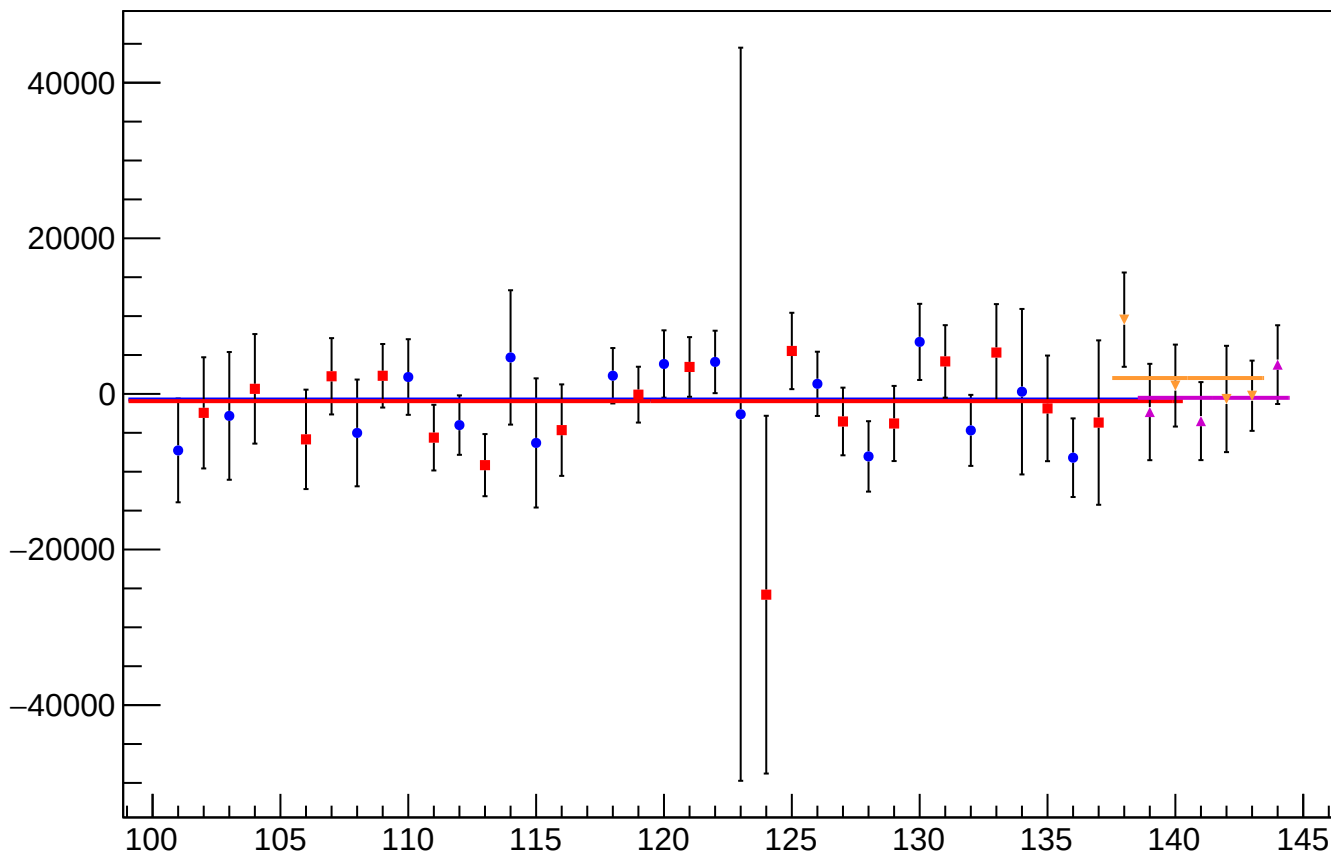
Right: 108.278 $\pm$ 0.080 χ^2/NDF : 25558892.3/34

In: 1550.260 $\pm$ 0.494 χ^2/NDF : 8497595.8/19

Out: 100.184 $\pm$ 0.079 χ^2/NDF : 17810927.8/21

All: 136.007 $\pm$ 0.078 χ^2/NDF : 34711300.1/41

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 2040.693+/-2734.071 χ^2/NDF : 2.0/3

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: 922.300+/-2046.896 χ^2/NDF : 3.5/6

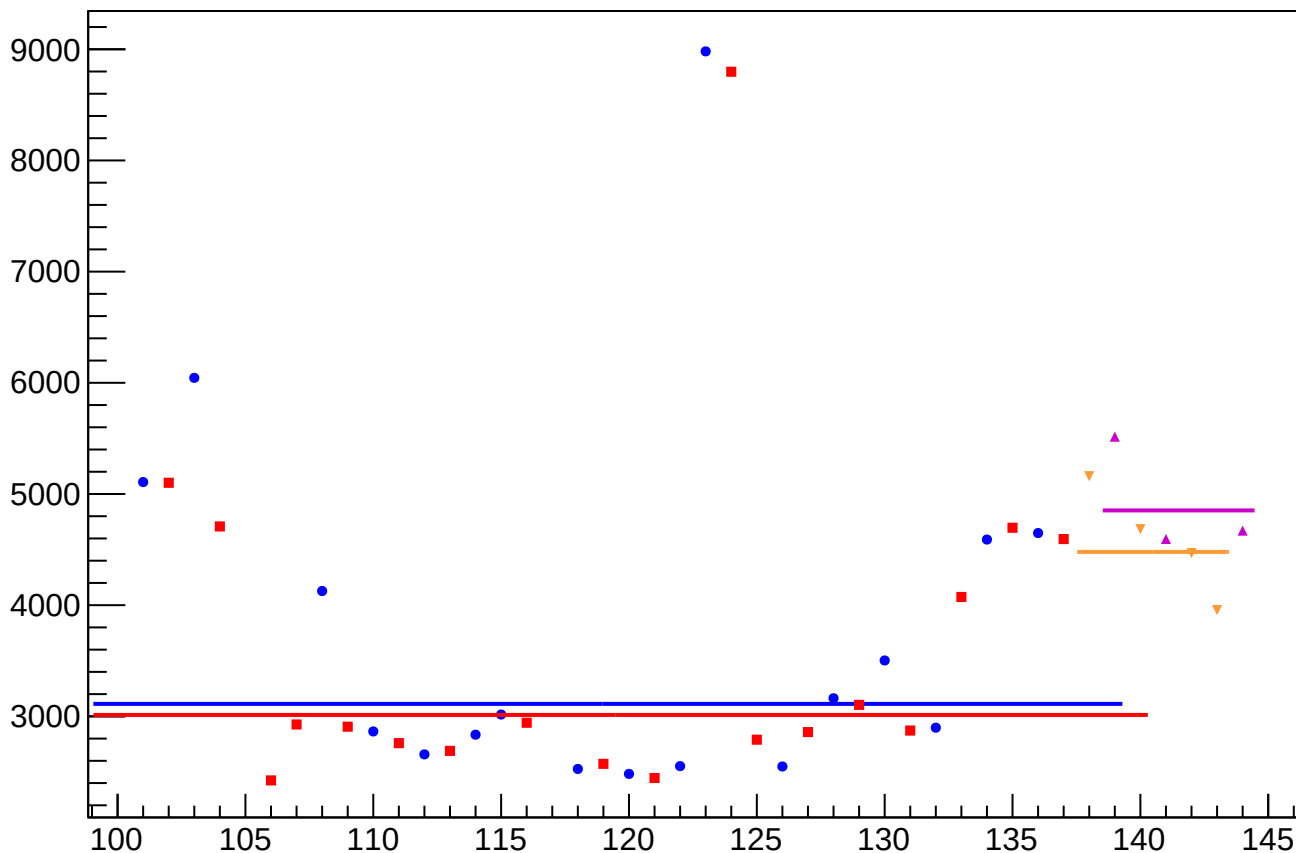
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

Out: -455.316+/-1094.561 χ^2/NDF : 17.9/21

All: -566.138+/-796.312 χ^2/NDF : 33.8/41

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4479.008+/-1.933 χ^2/NDF : 55186.2/3

Right Out: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

Left In: 4852.283+/-2.183 χ^2/NDF : 30783.6/2

Left: 4643.064+/-1.447 χ^2/NDF : 102354.2/6

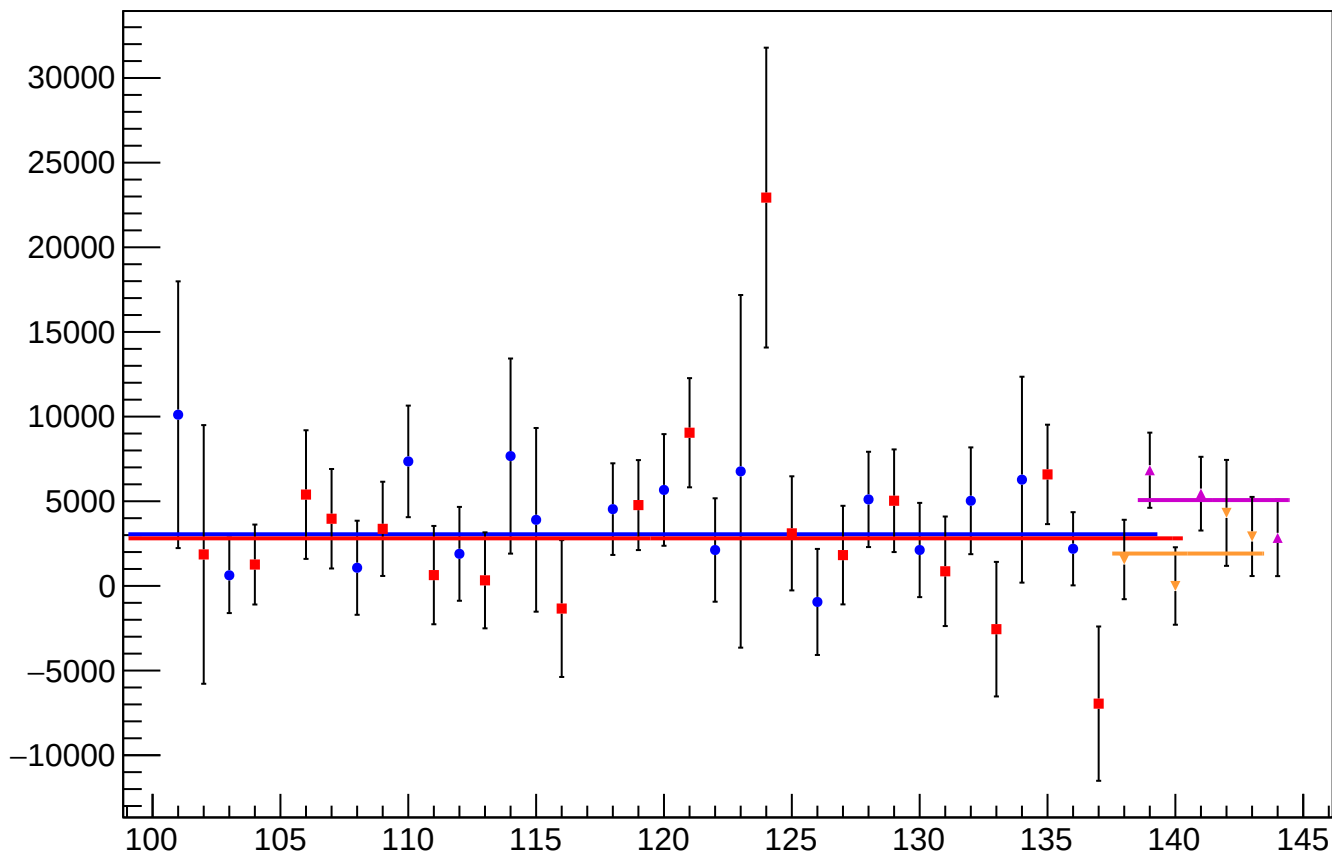
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3358.118+/-0.821 χ^2/NDF : 1534740.2/19

Out: 3242.831+/-0.766 χ^2/NDF : 1314398.9/21

All: 3296.490+/-0.560 χ^2/NDF : 2859687.4/41

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1911.139+/-1232.699 χ^2/NDF : 1.5/3

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: 3430.307+/-888.127 χ^2/NDF : 6.3/6

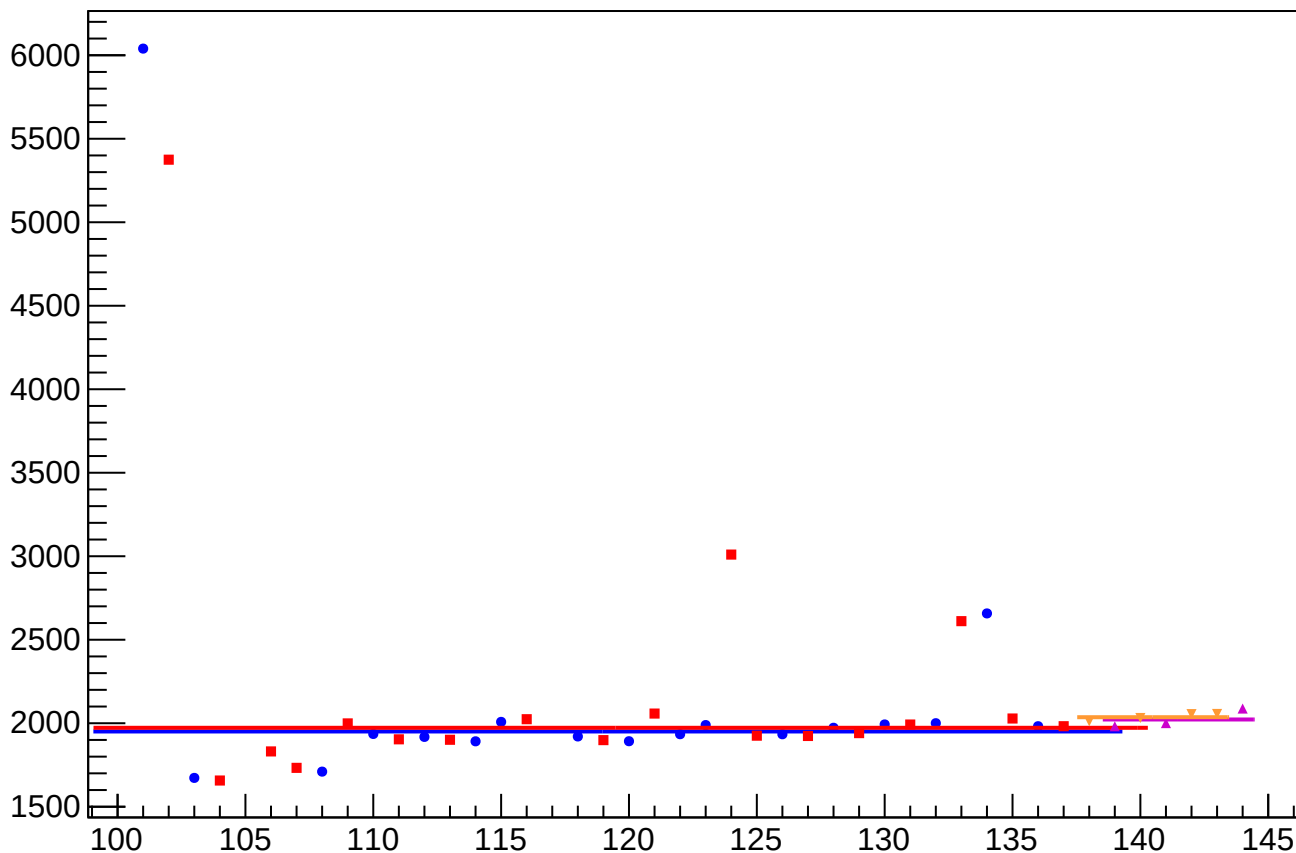
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

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

Out: 2558.865+/-650.747 χ^2/NDF : 23.9/21

All: 3065.128+/-463.856 χ^2/NDF : 37.9/41

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2036.089 $\pm$ 0.872 χ^2/NDF : 442.5/3

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: 2029.542 $\pm$ 0.628 χ^2/NDF : 3114.7/6

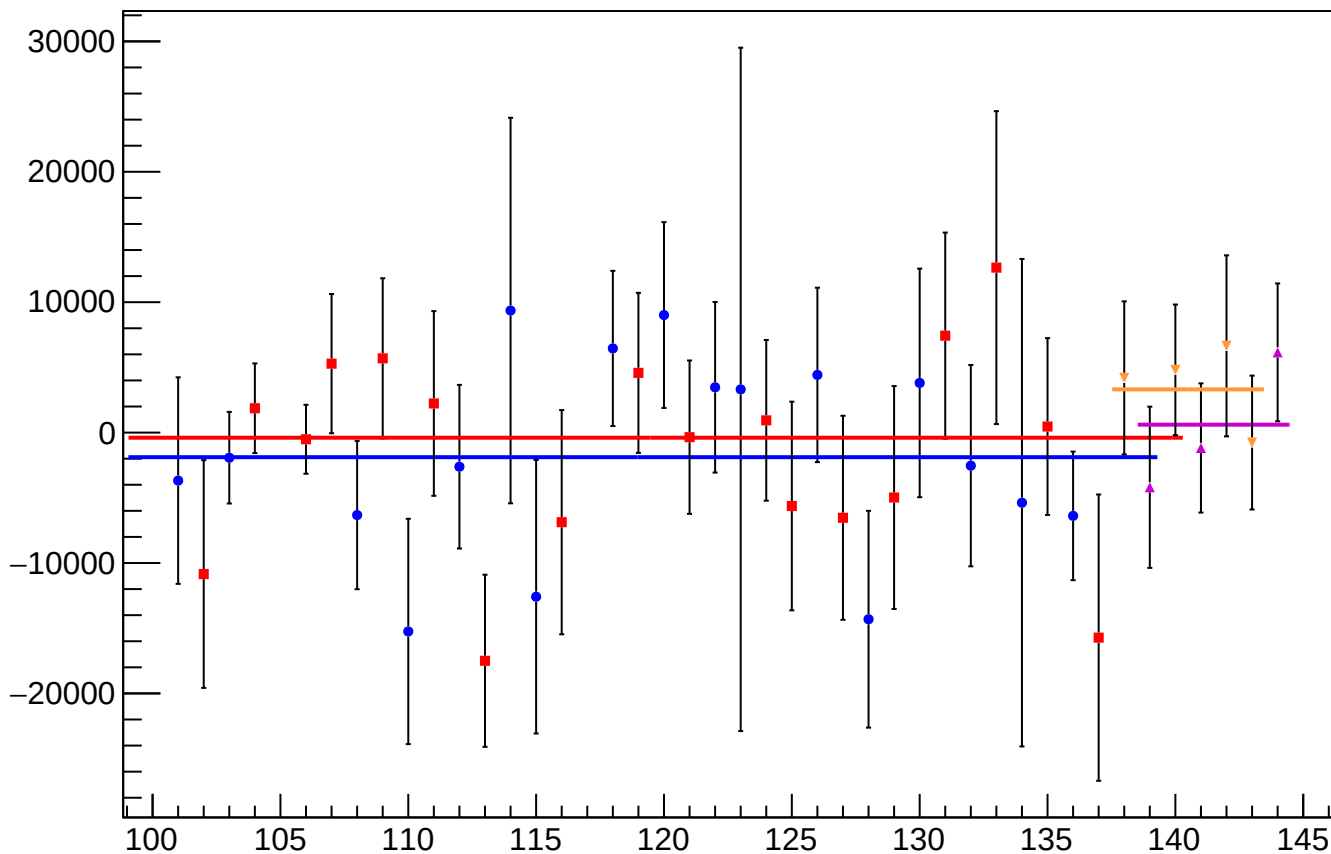
Right: 1961.803 $\pm$ 0.385 χ^2/NDF : 1151656.3/34

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

Out: 1990.368 $\pm$ 0.460 χ^2/NDF : 539925.5/21

All: 1980.273 $\pm$ 0.328 χ^2/NDF : 1163233.4/41

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3313.369 $\pm$ 2799.630 χ^2 /NDF:1.0/3

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

Left In: 607.086 $\pm$ 3120.803 χ^2 /NDF:1.8/2

Left: 2106.608 $\pm$ 2083.965 χ^2 /NDF: 3.2/6

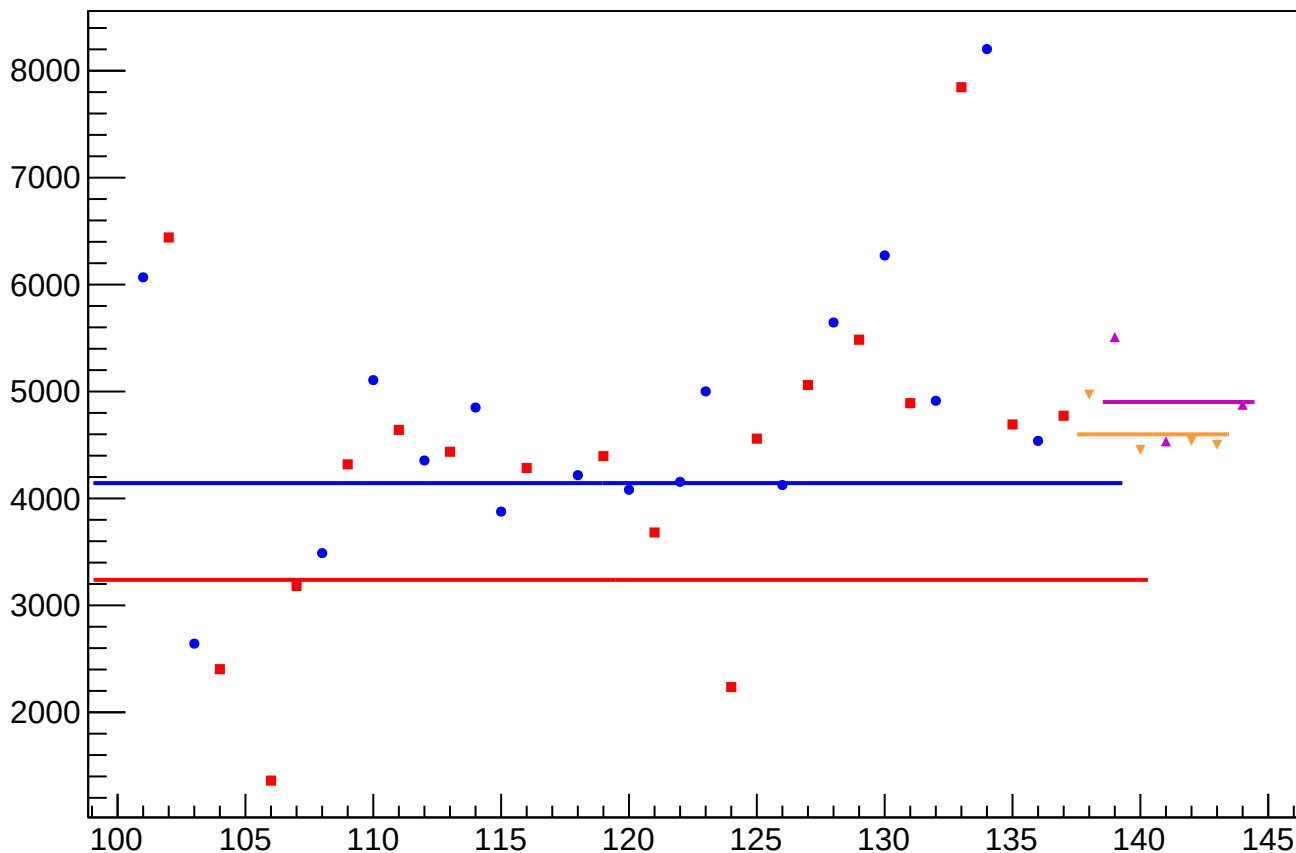
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -1336.670 $\pm$ 1464.177 χ^2 /NDF:16.5/19

Out: 317.312 $\pm$ 1224.526 χ^2 /NDF:20.0/21

All: -363.417 $\pm$ 939.324 χ^2 /NDF: 37.2/41

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4599.569+/-1.980 χ^2/NDF : 10536.0/3

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: 4734.522+/-1.474 χ^2/NDF : 51335.0/6

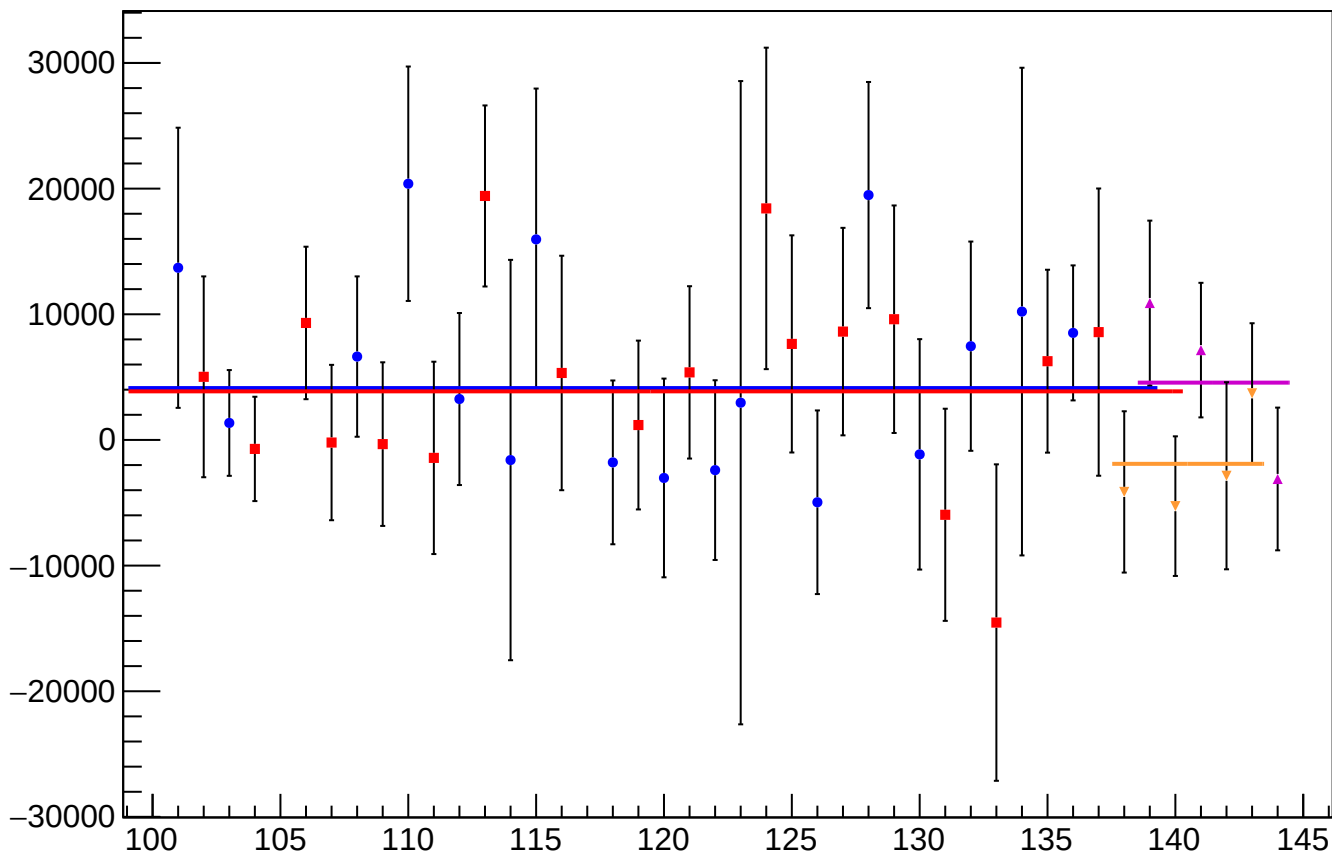
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

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

Out: 3498.958+/-0.866 χ^2/NDF : 2974716.6/21

All: 3832.960+/-0.664 χ^2/NDF : 4314795.0/41

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -1902.284 $\pm$ 3058.873 χ^2 /NDF:1.5/3

Right Out: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

Left In: 4560.175 $\pm$ 3349.152 χ^2 /NDF:3.0/2

Left: 1036.800 $\pm$ 2258.614 χ^2 /NDF: 6.5/6

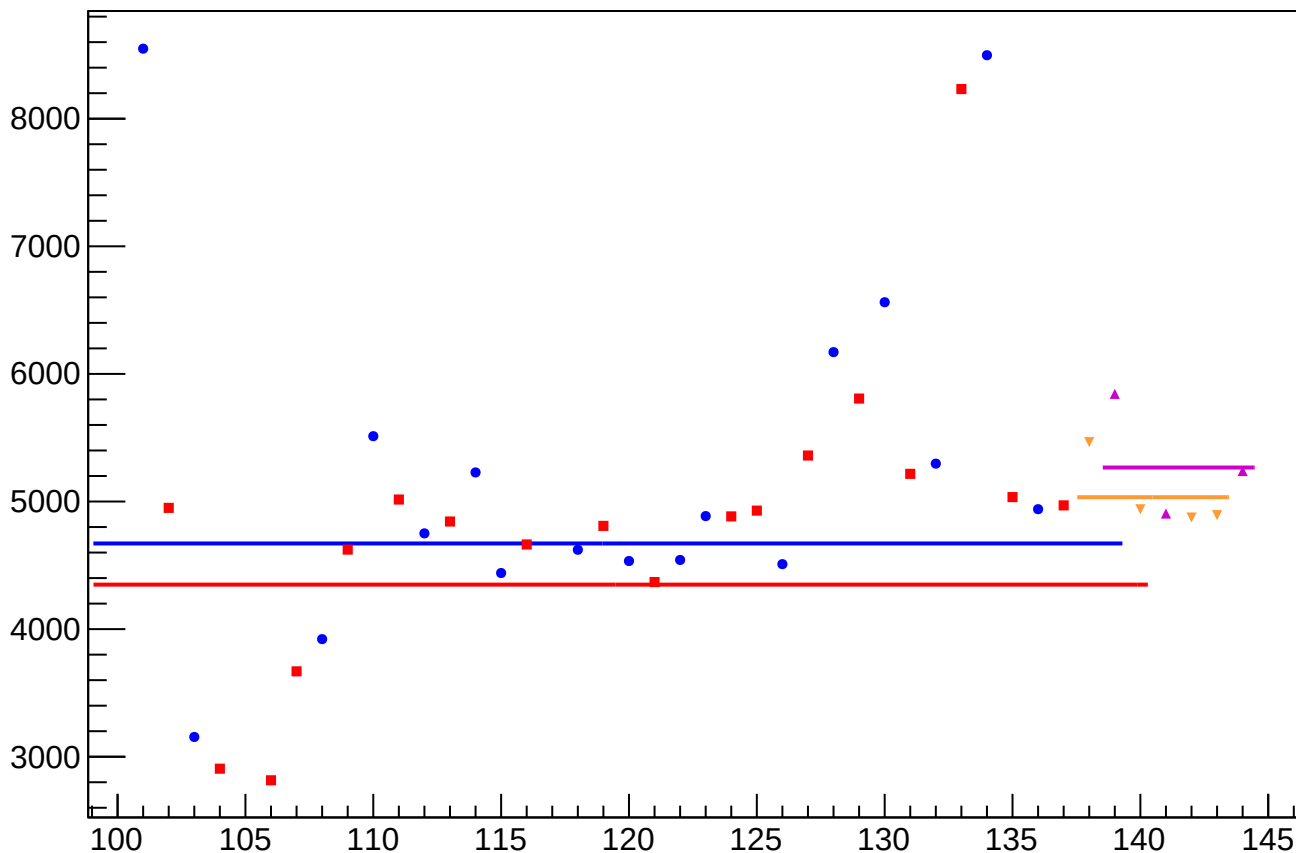
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 4229.086 $\pm$ 1628.109 χ^2 /NDF:16.7/19

Out: 2471.512 $\pm$ 1504.188 χ^2 /NDF:18.5/21

All: 3280.874 $\pm$ 1104.836 χ^2 /NDF: 35.8/41

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5033.837 $\pm$ 2.163 χ^2/NDF : 11802.5/3

Right Out: 4348.716 $\pm$ 1.214 χ^2/NDF : 792425.3/17

Left In: 5266.402 $\pm$ 2.368 χ^2/NDF : 24628.8/2

Left: 5139.606 $\pm$ 1.597 χ^2/NDF : 41689.3/6

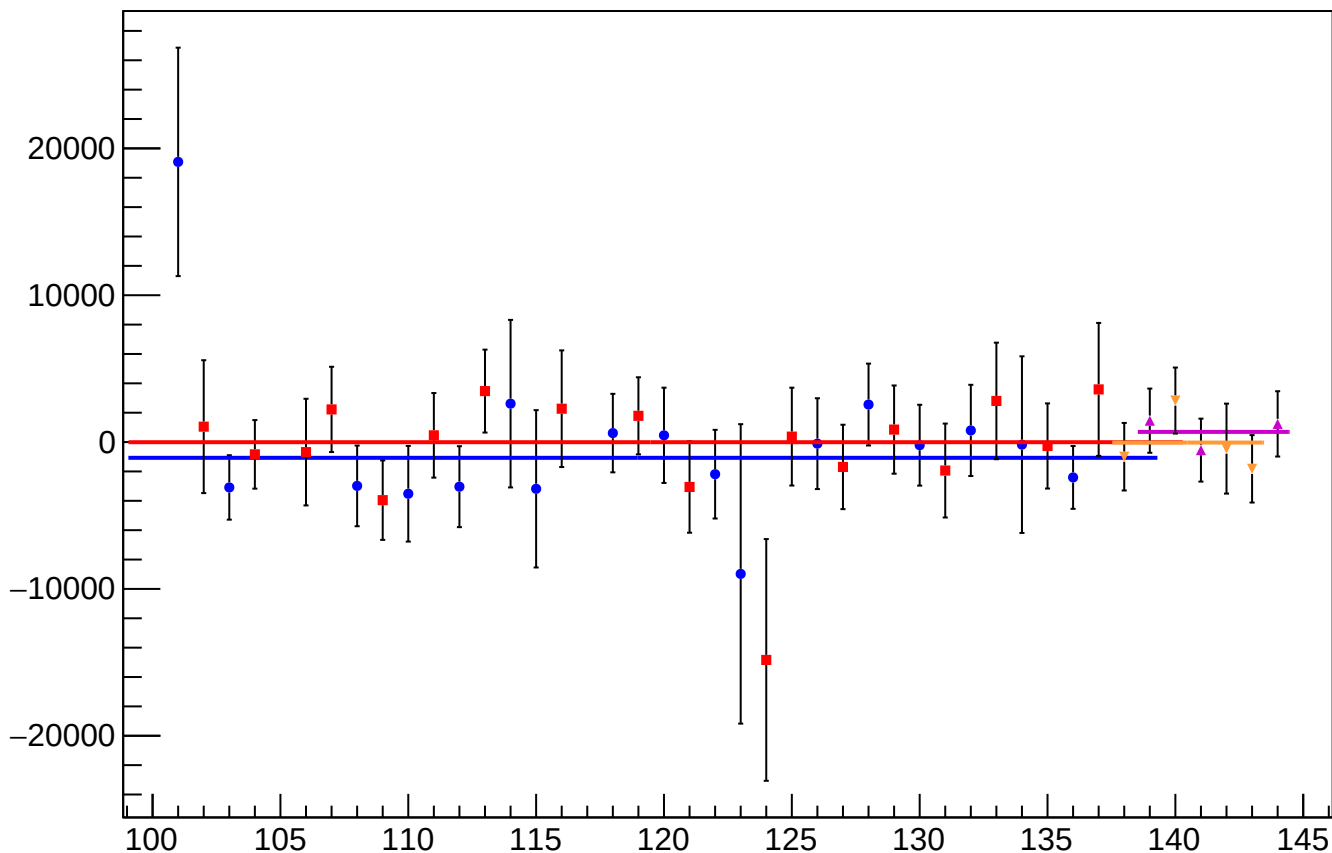
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 4811.948 $\pm$ 1.151 χ^2/NDF : 858960.9/19

Out: 4512.934 $\pm$ 1.059 χ^2/NDF : 880511.4/21

All: 4649.975 $\pm$ 0.779 χ^2/NDF : 1776014.8/41

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: -32.133+/-1209.816 χ^2/NDF : 2.4/3

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: 315.613+/-872.906 χ^2/NDF : 3.1/6

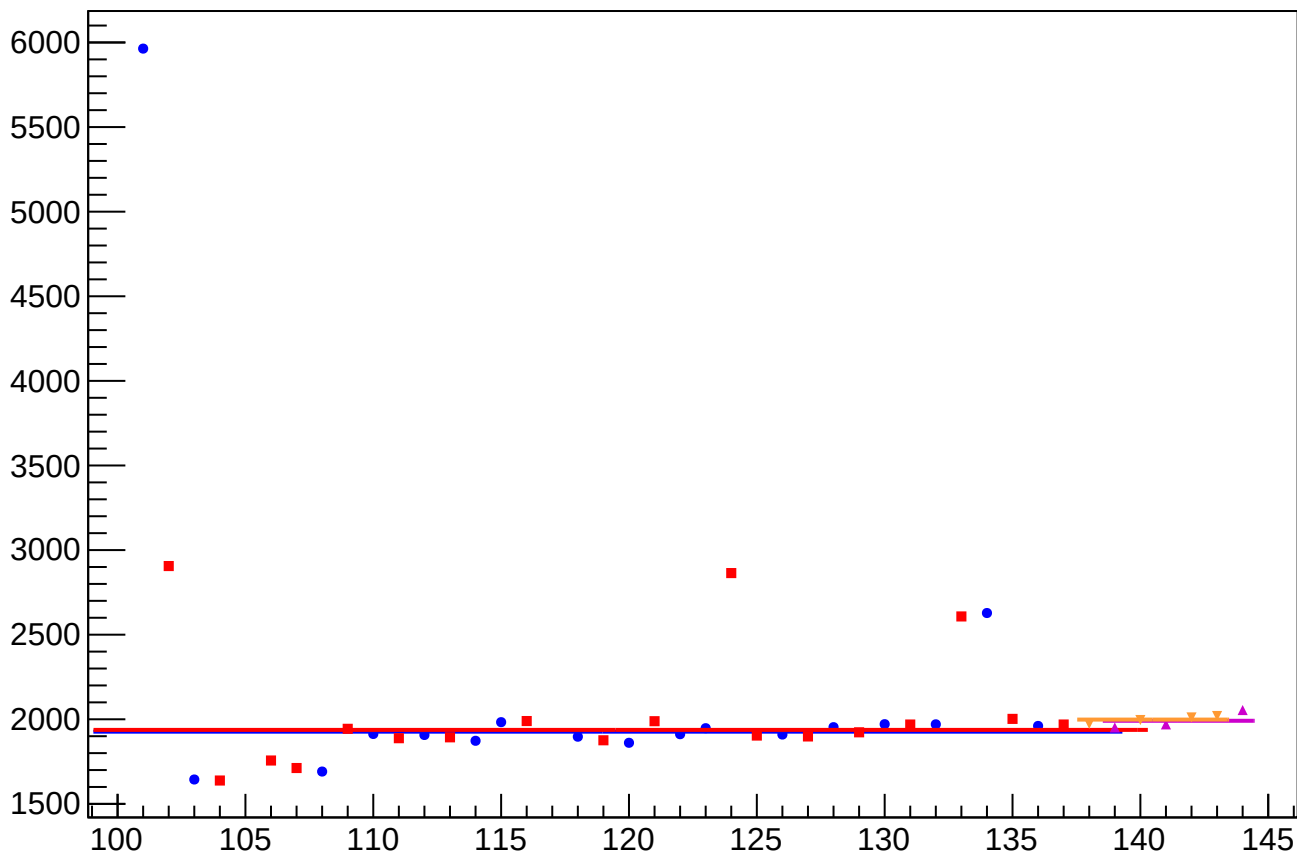
Right: -529.623+/-534.164 χ^2/NDF : 26.1/34

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

Out: -15.334+/-636.275 χ^2/NDF : 13.8/21

All: -299.342+/-455.625 χ^2/NDF : 29.9/41

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 $\pm$ 0.540 χ^2 /NDF: 617116.3/16

Left Out: 1998.210 $\pm$ 0.855 χ^2 /NDF: 456.9/3

Right Out: 1937.280 $\pm$ 0.529 χ^2 /NDF: 229079.5/17

Left In: 1991.166 $\pm$ 0.891 χ^2 /NDF: 2472.3/2

Left: 1994.833 $\pm$ 0.617 χ^2 /NDF: 2961.8/6

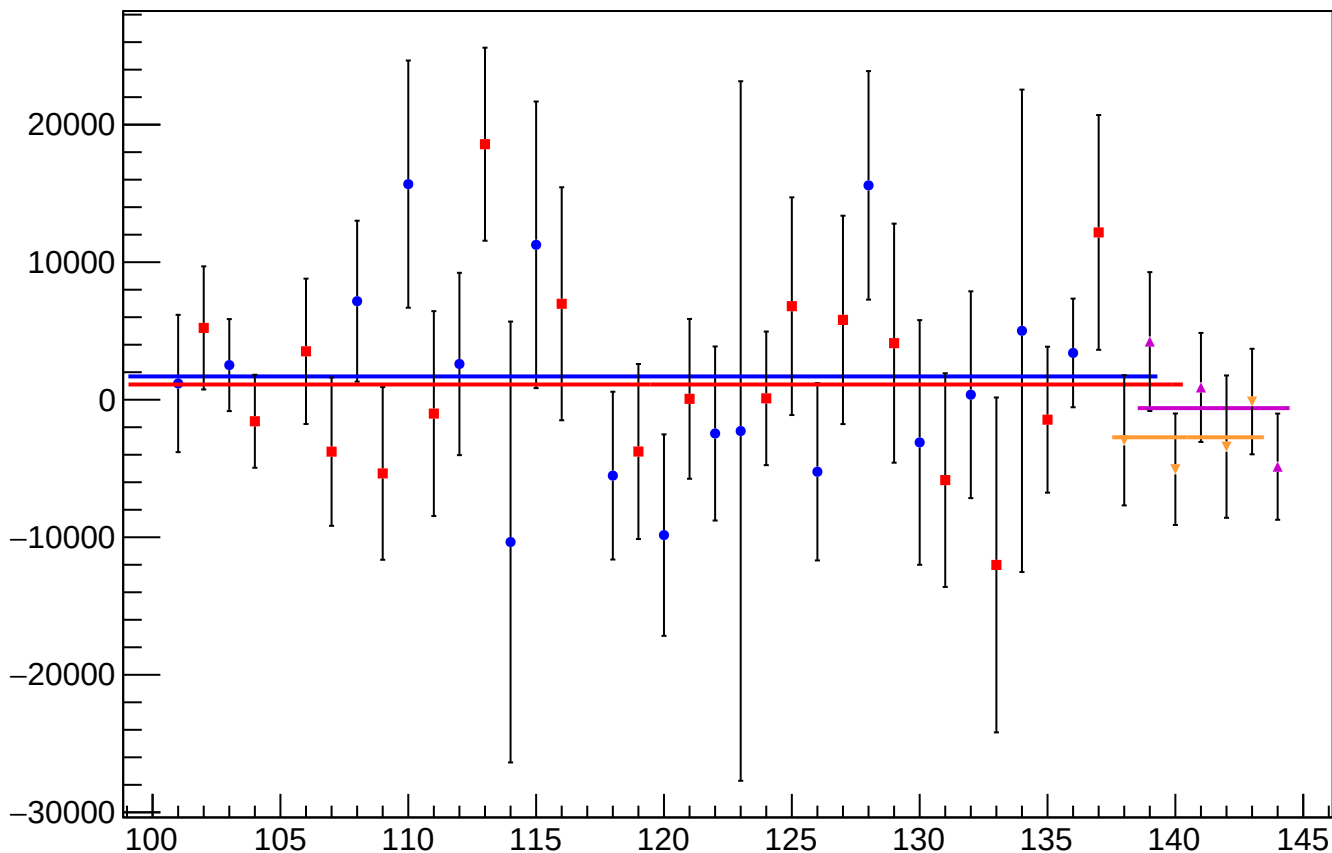
Right: 1932.191 $\pm$ 0.378 χ^2 /NDF: 846384.9/34

In: 1944.121 $\pm$ 0.462 χ^2 /NDF: 623393.7/19

Out: 1954.115 $\pm$ 0.450 χ^2 /NDF: 233207.7/21

All: 1949.248 $\pm$ 0.322 χ^2 /NDF: 856841.9/41

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2731.296+/-2177.977 χ^2/NDF : 0.8/3

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: -1784.613+/-1620.344 χ^2/NDF : 3.5/6

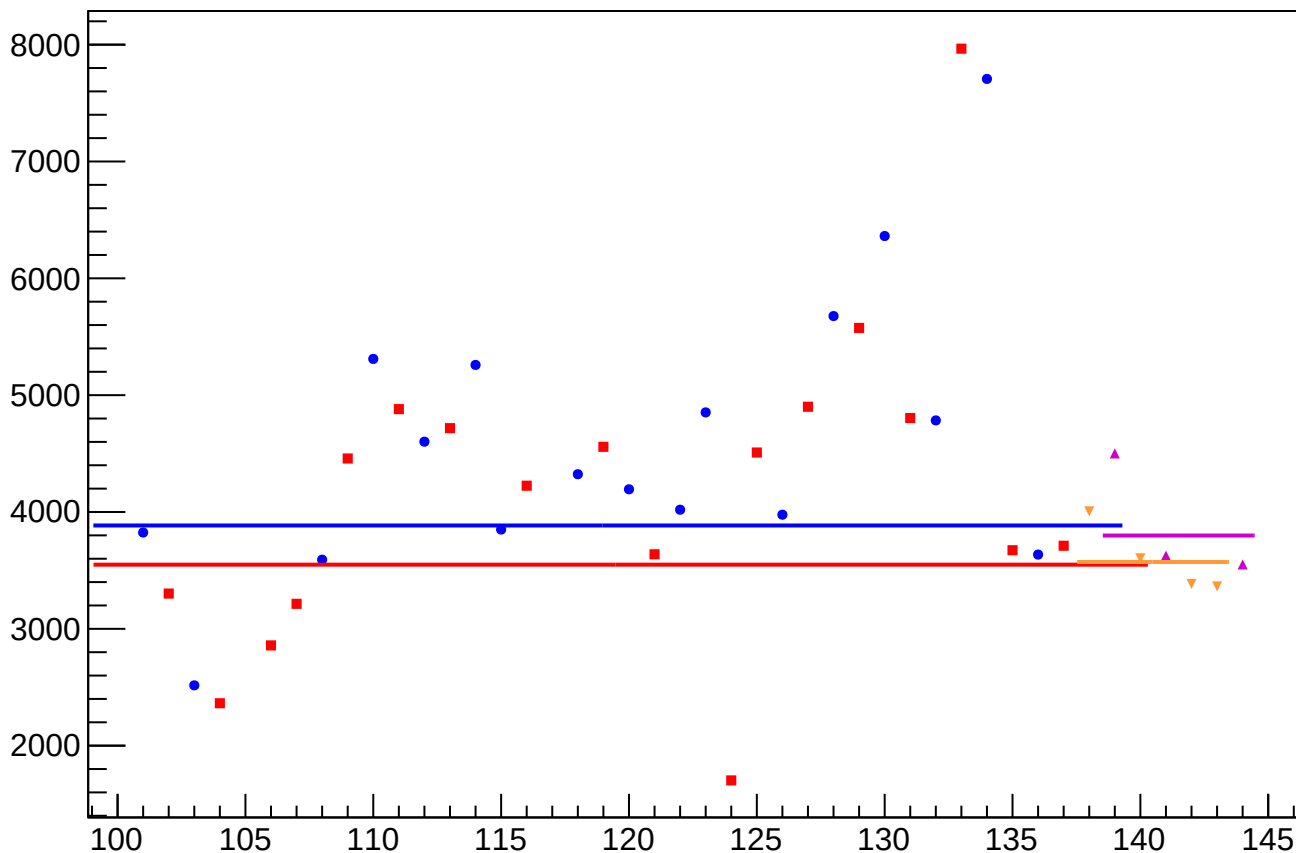
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

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

Out: -28.989+/-1185.209 χ^2/NDF : 18.9/21

All: 446.175+/-878.023 χ^2/NDF : 35.8/41

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3572.181 $\pm$ 1.540 χ^2/NDF : 25468.9/3

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

Left In: 3798.561 $\pm$ 1.715 χ^2/NDF : 50788.1/2

Left: 3673.263 $\pm$ 1.146 χ^2/NDF : 85905.0/6

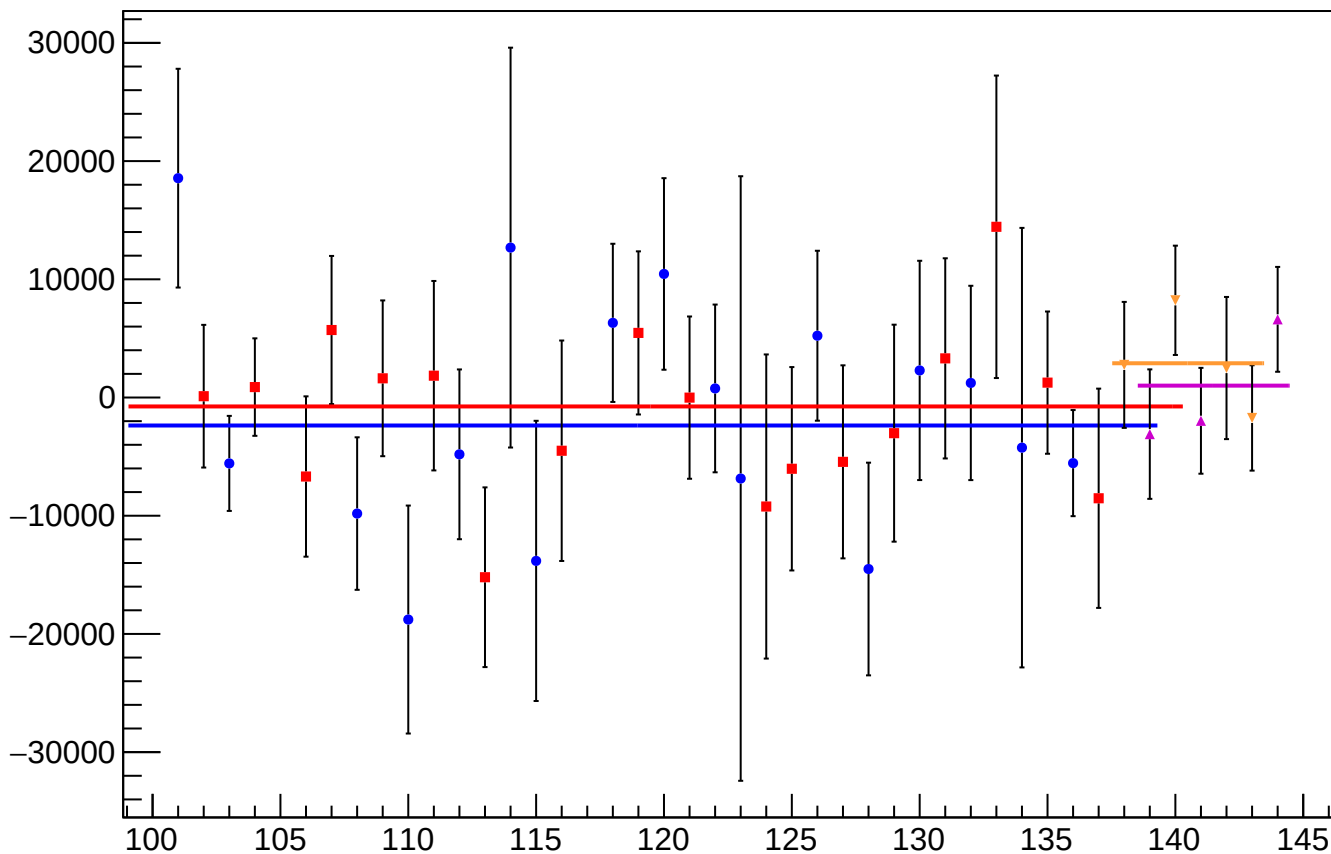
Right: 3701.146 $\pm$ 0.739 χ^2/NDF : 2204616.7/34

In: 3859.600 $\pm$ 0.924 χ^2/NDF : 879138.2/19

Out: 3555.958 $\pm$ 0.838 χ^2/NDF : 1352574.3/21

All: 3692.959 $\pm$ 0.621 χ^2/NDF : 2290940.0/41

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 2898.096+/-2499.936 χ^2/NDF : 2.4/3

Right Out: -755.757+/-1693.103 χ^2/NDF : 10.5/17

Left In: 1005.224+/-2731.093 χ^2/NDF : 2.6/2

Left: 2035.142+/-1844.037 χ^2/NDF : 5.3/6

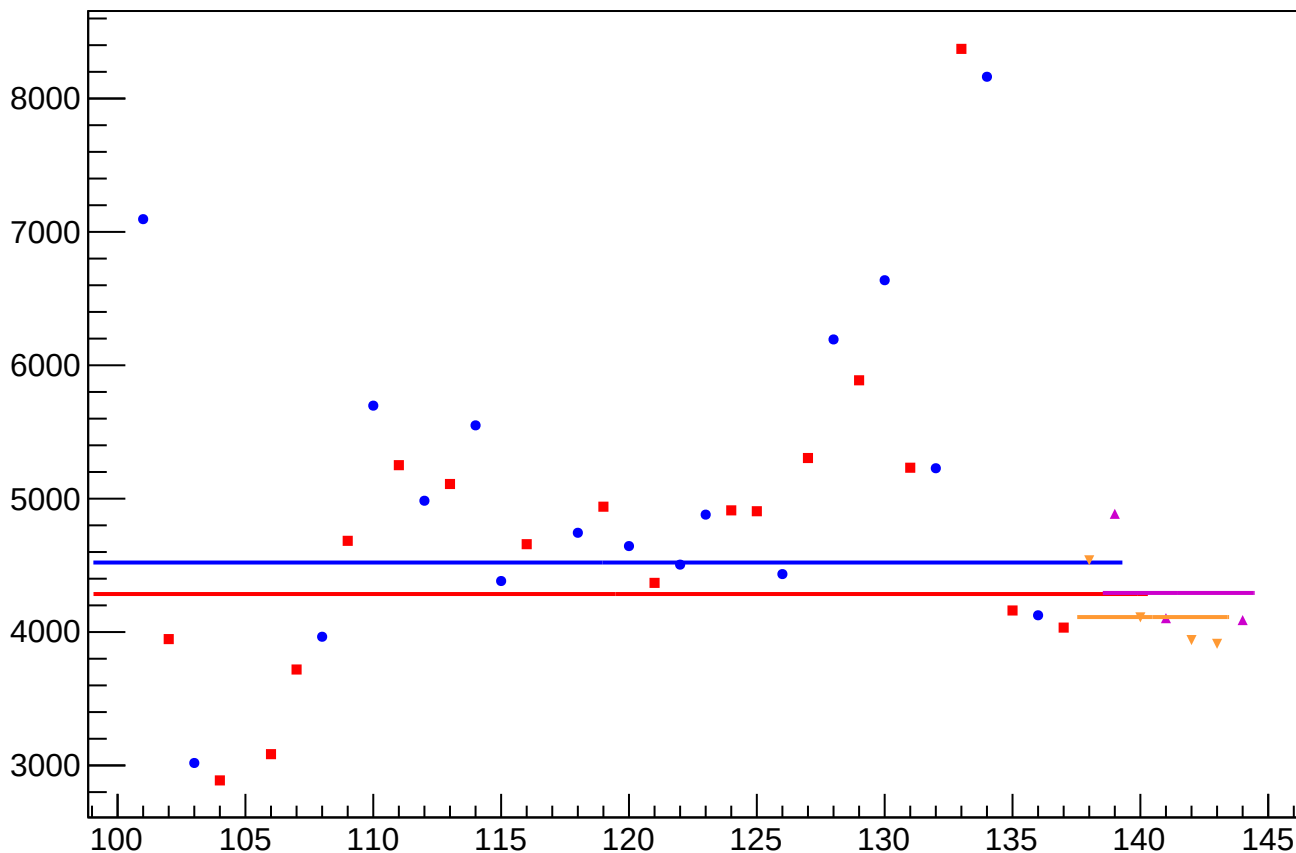
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -1344.600+/-1504.065 χ^2/NDF : 23.8/19

Out: 393.190+/-1401.856 χ^2/NDF : 14.4/21

All: -414.658+/-1025.493 χ^2/NDF : 38.9/41

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4112.349+/-1.768 χ^2/NDF : 18443.9/3

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: 4194.797+/-1.304 χ^2/NDF : 54464.0/6

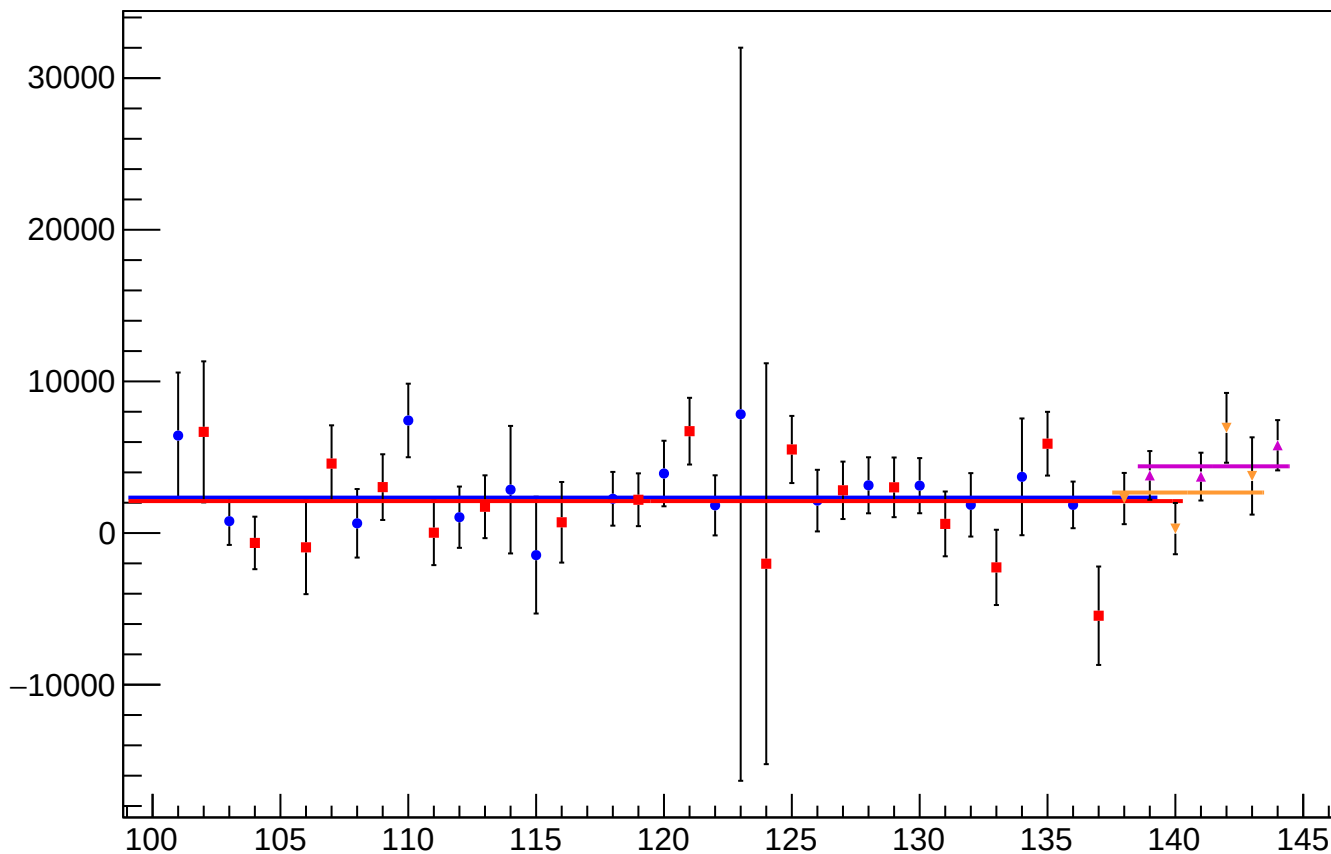
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

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

Out: 4231.172+/-0.987 χ^2/NDF : 771412.5/21

All: 4333.440+/-0.724 χ^2/NDF : 1614217.8/41

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975+/-531.132 χ^2/NDF : 9.6/16

Left Out: 2672.231+/-978.951 χ^2/NDF : 5.7/3

Right Out: 2107.117+/-539.611 χ^2/NDF : 26.4/17

Left In: 4400.672+/-930.642 χ^2/NDF : 1.0/2

Left: 3580.150+/-674.495 χ^2/NDF : 8.3/6

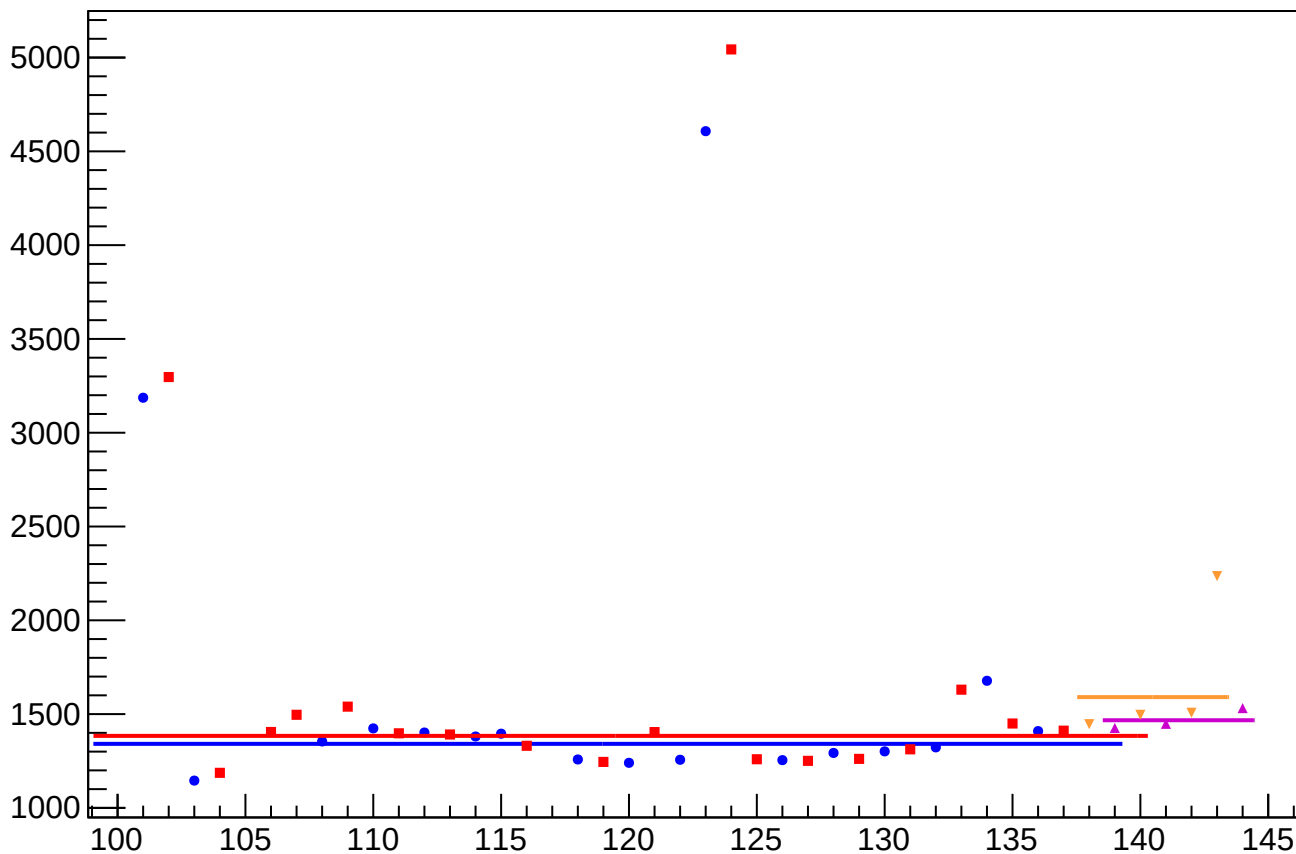
Right: 2223.866+/-378.529 χ^2/NDF : 36.1/34

In: 2844.007+/-461.294 χ^2/NDF : 14.4/19

Out: 2238.807+/-472.573 χ^2/NDF : 32.3/21

All: 2548.716+/-330.100 χ^2/NDF : 47.5/41

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: 1590.515+/-0.692 χ^2/NDF : 151539.2/3

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: 1525.760+/-0.477 χ^2/NDF : 172835.4/6

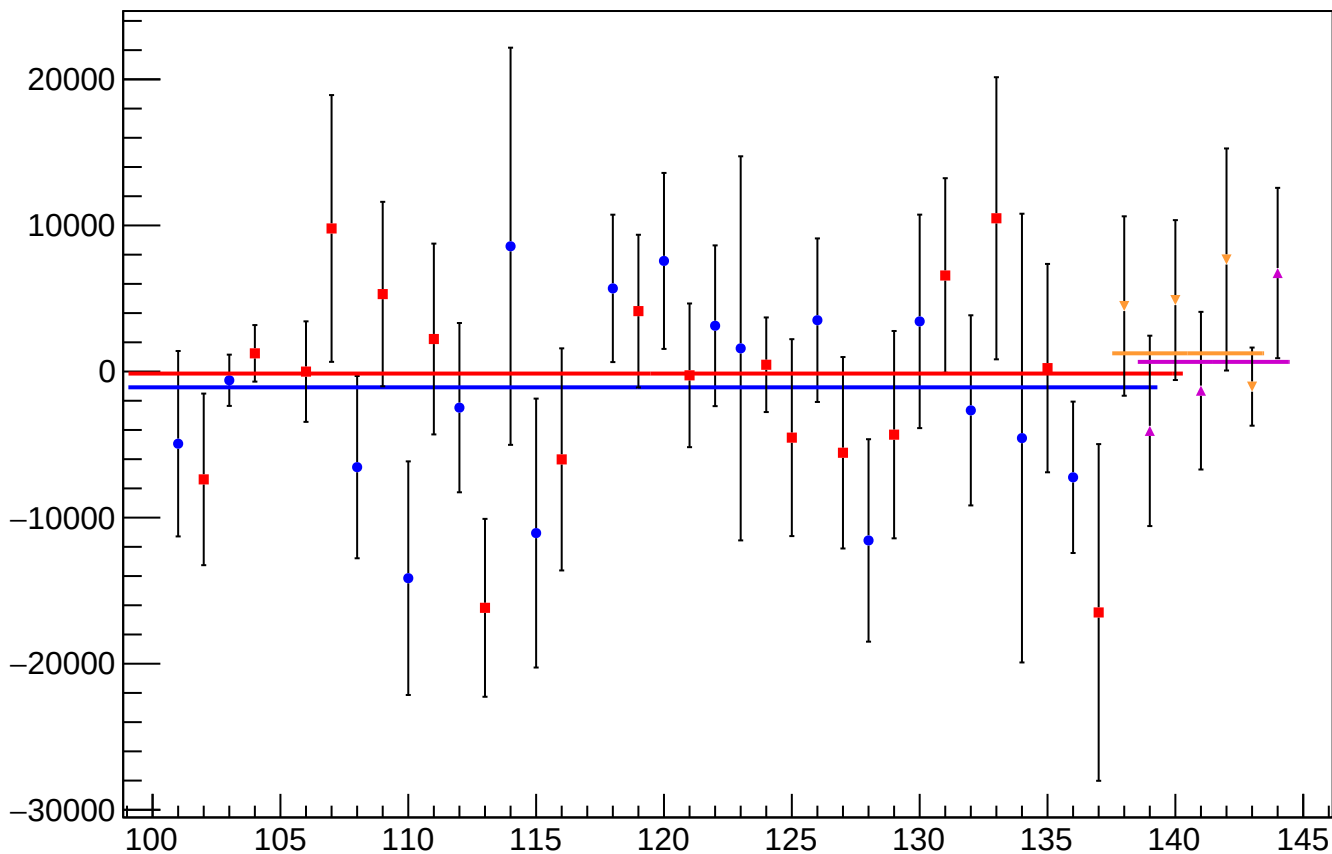
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

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

Out: 1432.026+/-0.334 χ^2/NDF : 813718.6/21

All: 1401.451+/-0.233 χ^2/NDF : 1366588.5/41

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: 1246.644+/-2146.542 χ^2/NDF : 2.2/3

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: 1078.348+/-1812.665 χ^2/NDF : 3.9/6

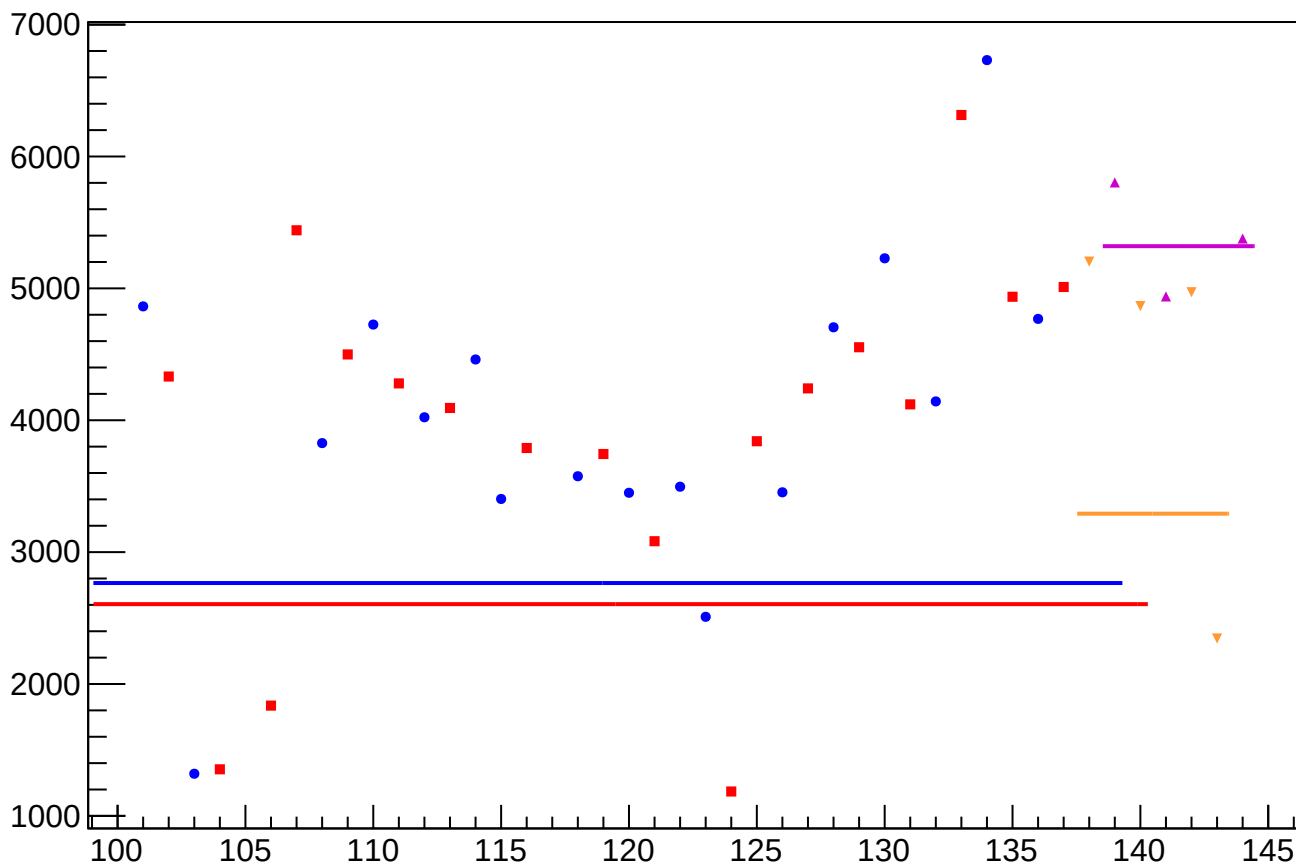
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

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

Out: 161.517+/-999.439 χ^2/NDF : 20.5/21

All: -291.807+/-751.908 χ^2/NDF : 38.0/41

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: 3291.597 $\pm$ 1.518 χ^2 /NDF: 707260.7/3

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: 3873.518 $\pm$ 1.282 χ^2 /NDF: 1240785.6/6

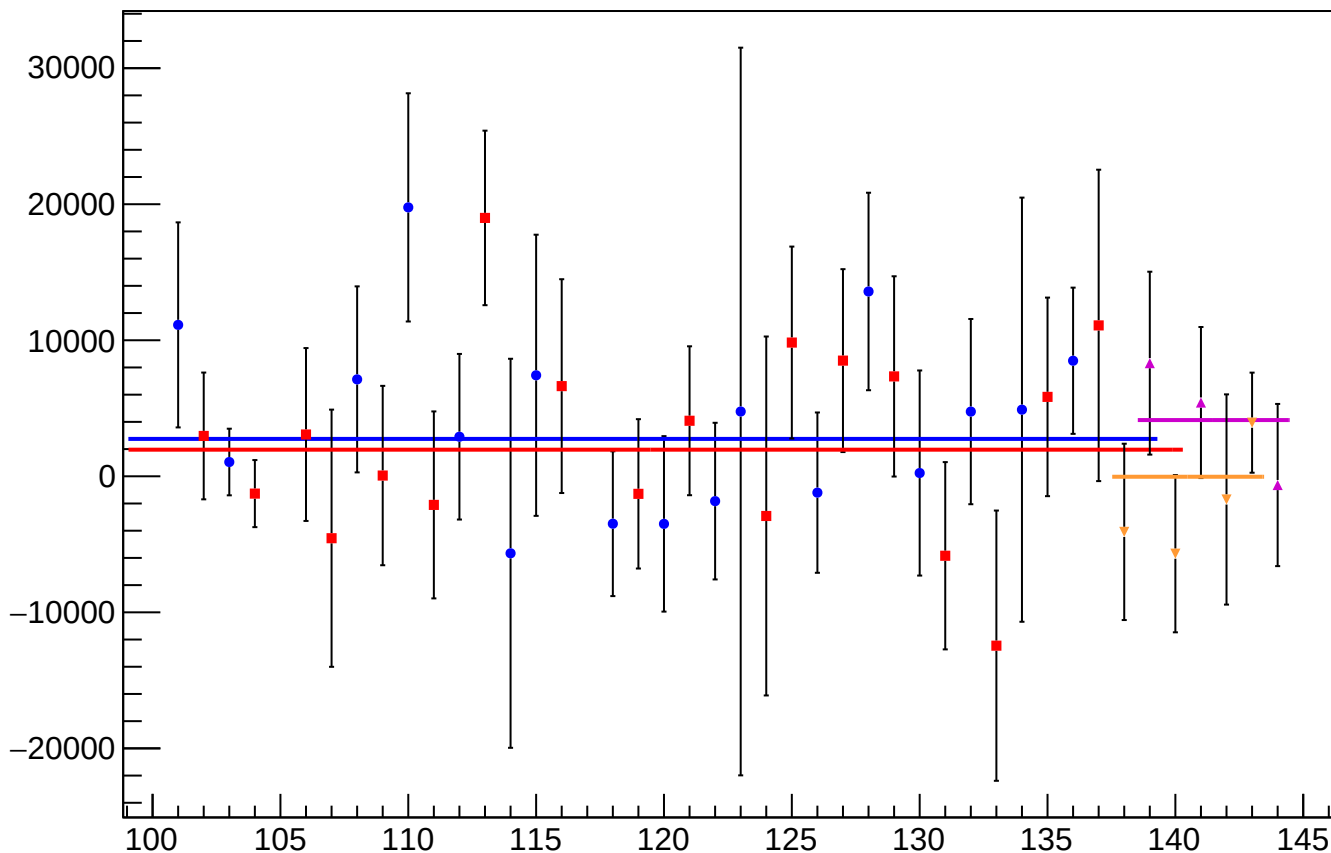
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

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

Out: 2754.259 $\pm$ 0.707 χ^2 /NDF: 4189612.9/21

All: 2885.327 $\pm$ 0.532 χ^2 /NDF: 8238830.2/41

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: -33.330+/-2632.026 χ^2/NDF : 2.6/3

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: 1484.392+/-2098.590 χ^2/NDF : 4.6/6

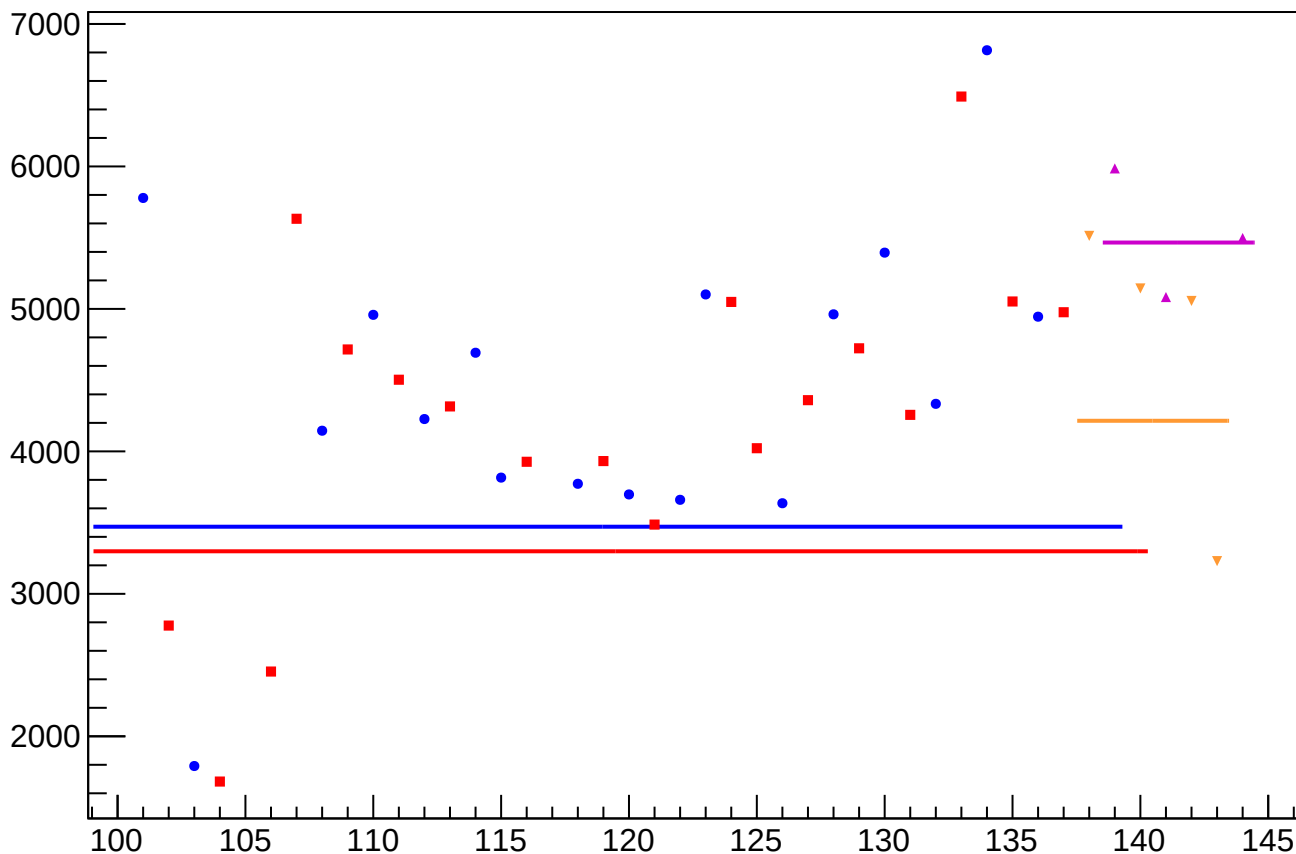
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

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

Out: 1524.891+/-1225.180 χ^2/NDF : 20.8/21

All: 2177.282+/-902.866 χ^2/NDF : 36.4/41

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: 4214.719+/-1.861 χ^2/NDF : 298959.6/3

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: 4670.464+/-1.484 χ^2/NDF : 485114.1/6

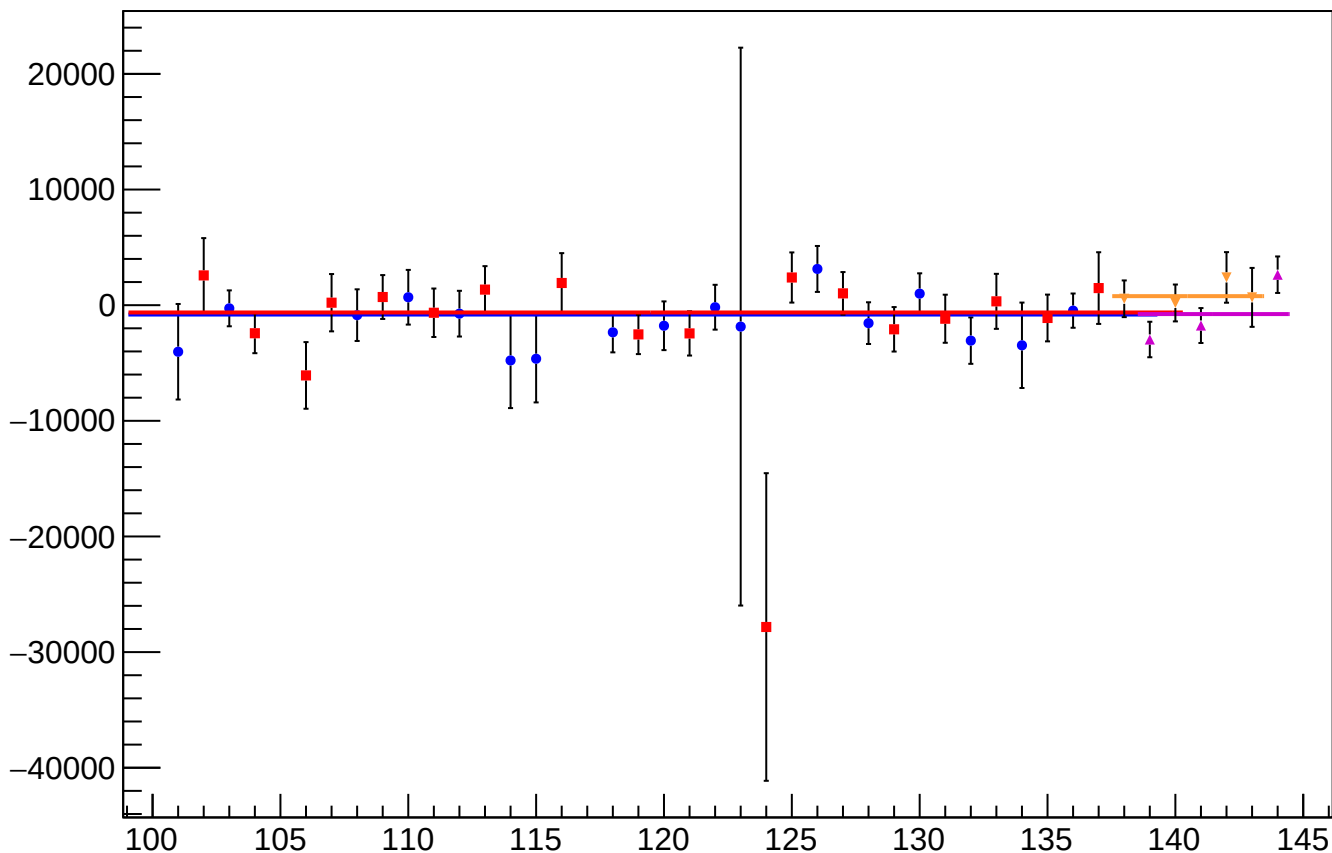
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

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

Out: 3494.299+/-0.860 χ^2/NDF : 2375509.9/21

All: 3617.237+/-0.636 χ^2/NDF : 4771076.1/41

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: 781.048+/-930.954 χ^2/NDF : 0.7/3

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: -29.528+/-643.048 χ^2/NDF : 9.3/6

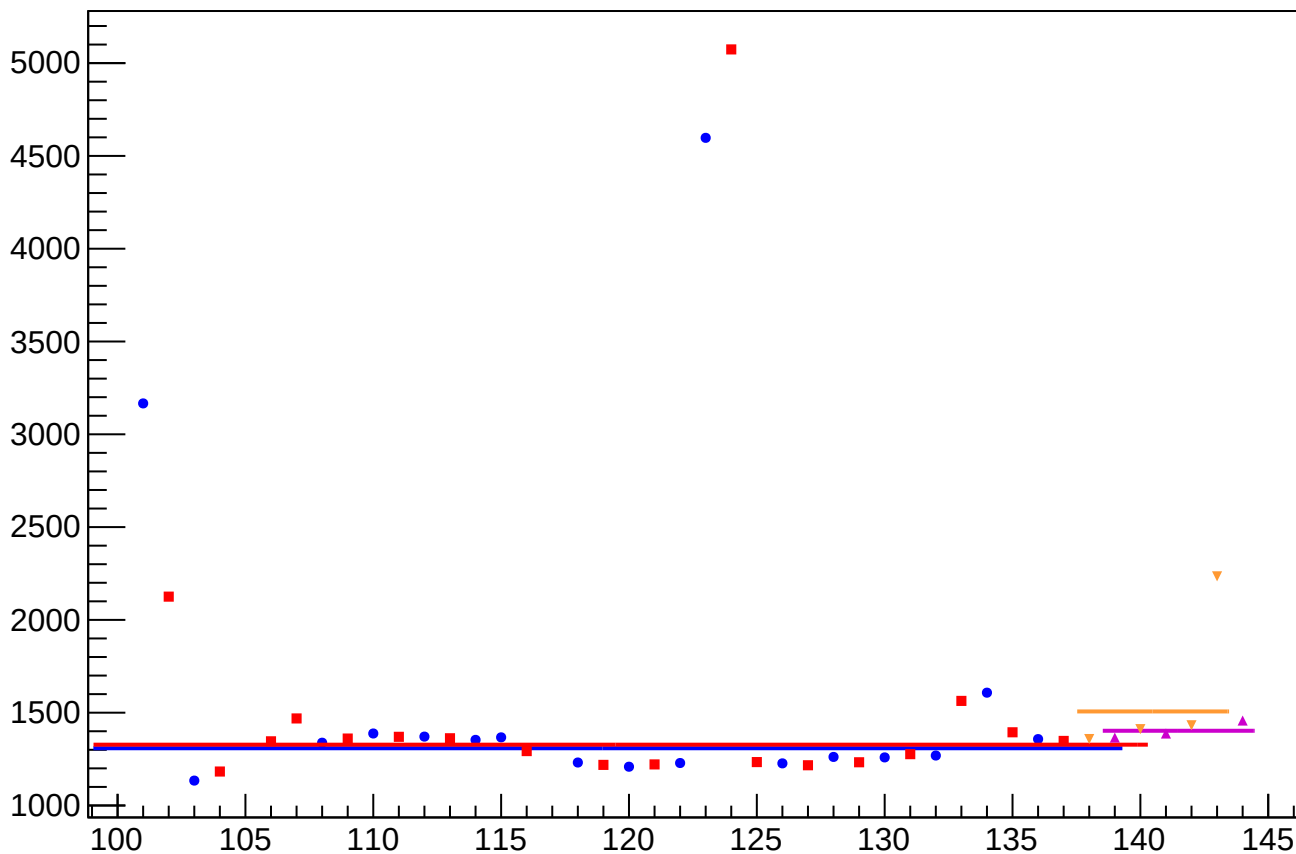
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

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

Out: -299.932+/-450.596 χ^2/NDF : 21.0/21

All: -551.019+/-317.599 χ^2/NDF : 40.0/41

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: 1506.672+/-0.658 χ^2/NDF :190302.3/3

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: 1452.252+/-0.455 χ^2/NDF : 207158.8/6

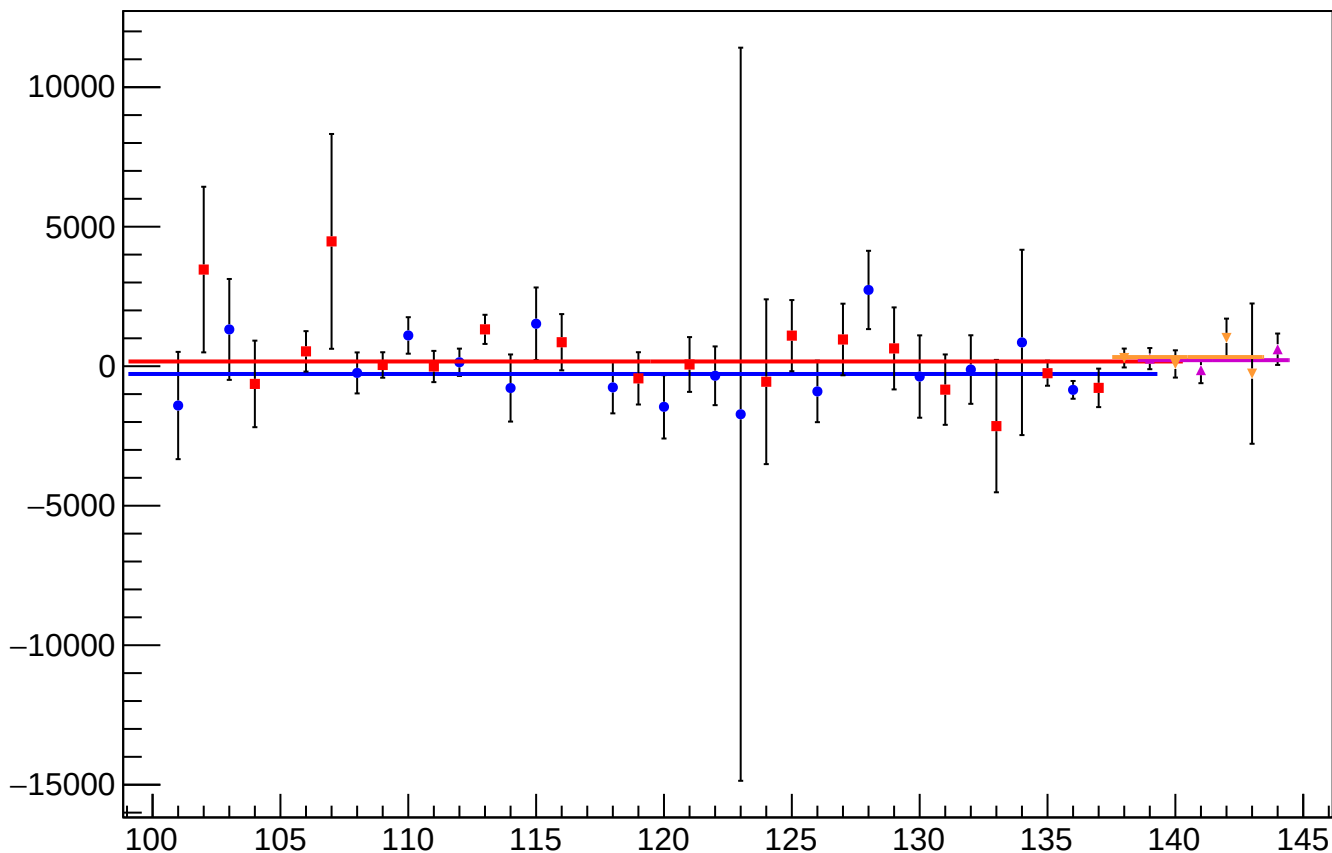
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

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

Out: 1369.587+/-0.319 χ^2/NDF :604267.5/21

All: 1350.799+/-0.225 χ^2/NDF : 1138270.2/41

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 327.878+/-256.757 χ^2/NDF : 1.3/3

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

Left In: 216.611+/-260.993 χ^2/NDF : 1.1/2

Left: 273.155+/-183.034 χ^2/NDF : 2.5/6

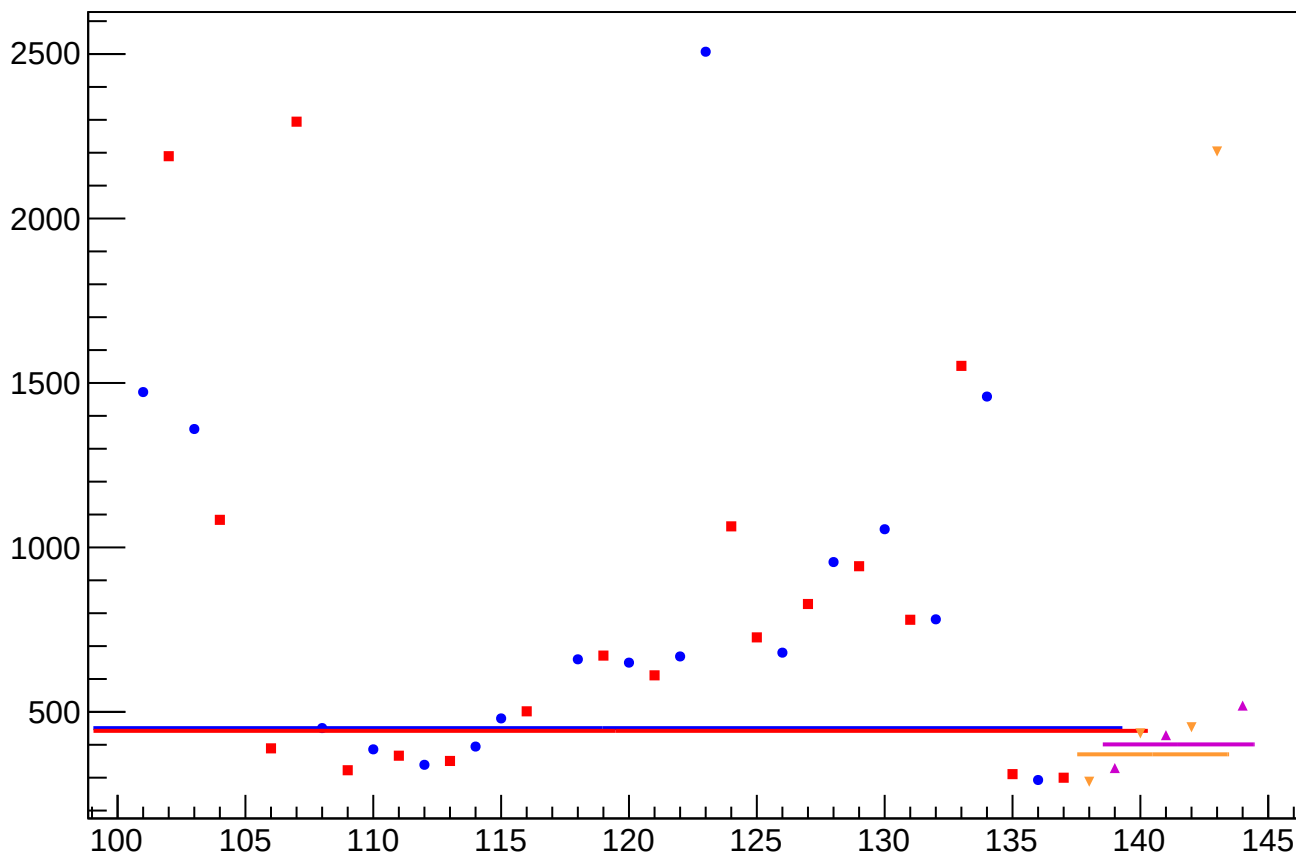
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -97.629+/-157.805 χ^2/NDF : 21.4/19

Out: 226.555+/-154.013 χ^2/NDF : 15.9/21

All: 68.405+/-110.220 χ^2/NDF : 39.5/41

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: 370.974+/-0.182 χ^2/NDF : 1246333.7/3

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: 385.814+/-0.129 χ^2/NDF : 1427211.1/6

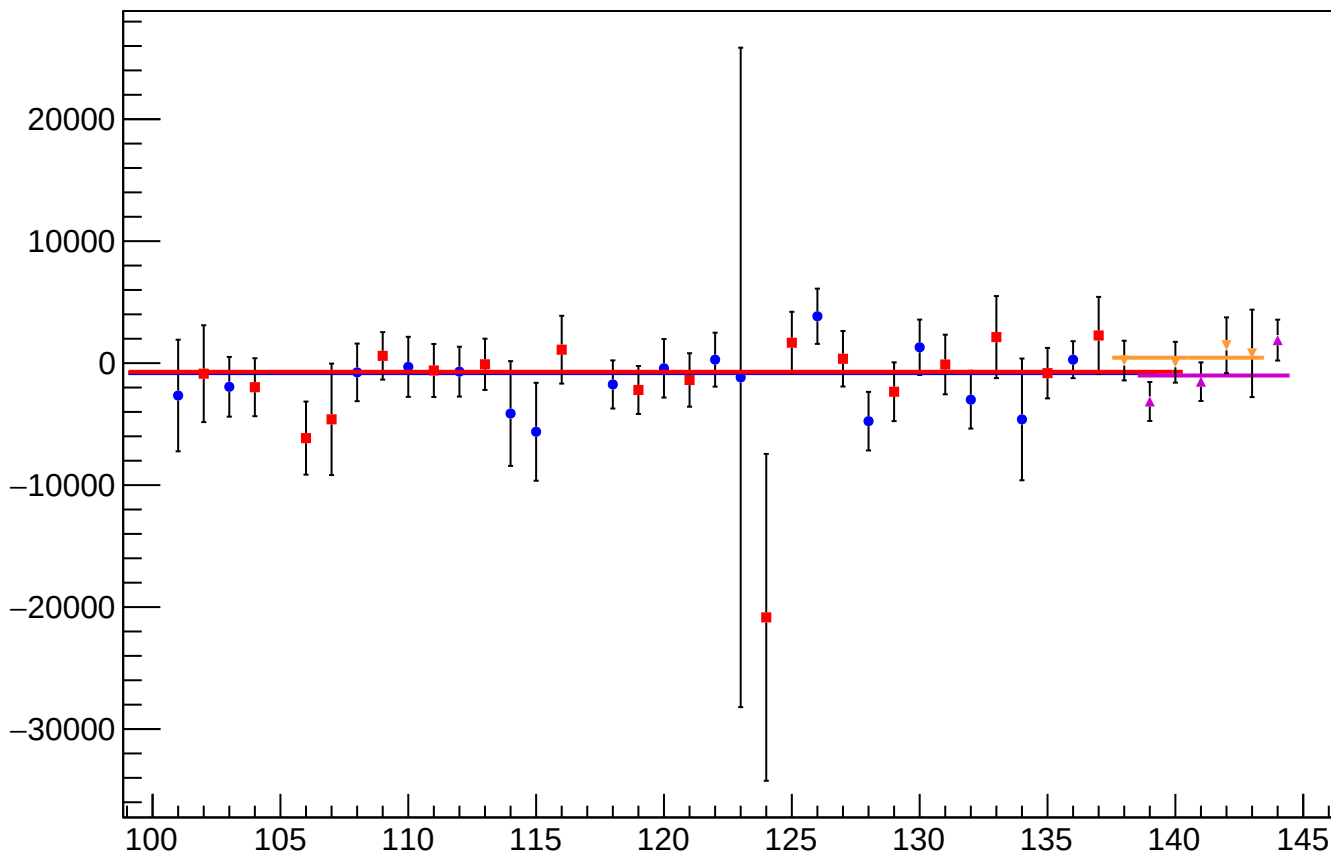
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

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

Out: 416.679+/-0.109 χ^2/NDF : 4713658.6/21

All: 424.406+/-0.078 χ^2/NDF : 7934547.3/41

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: 445.265 ± 997.645 χ^2/NDF : 0.3/3

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: -333.466 ± 681.545 χ^2/NDF : 6.3/6

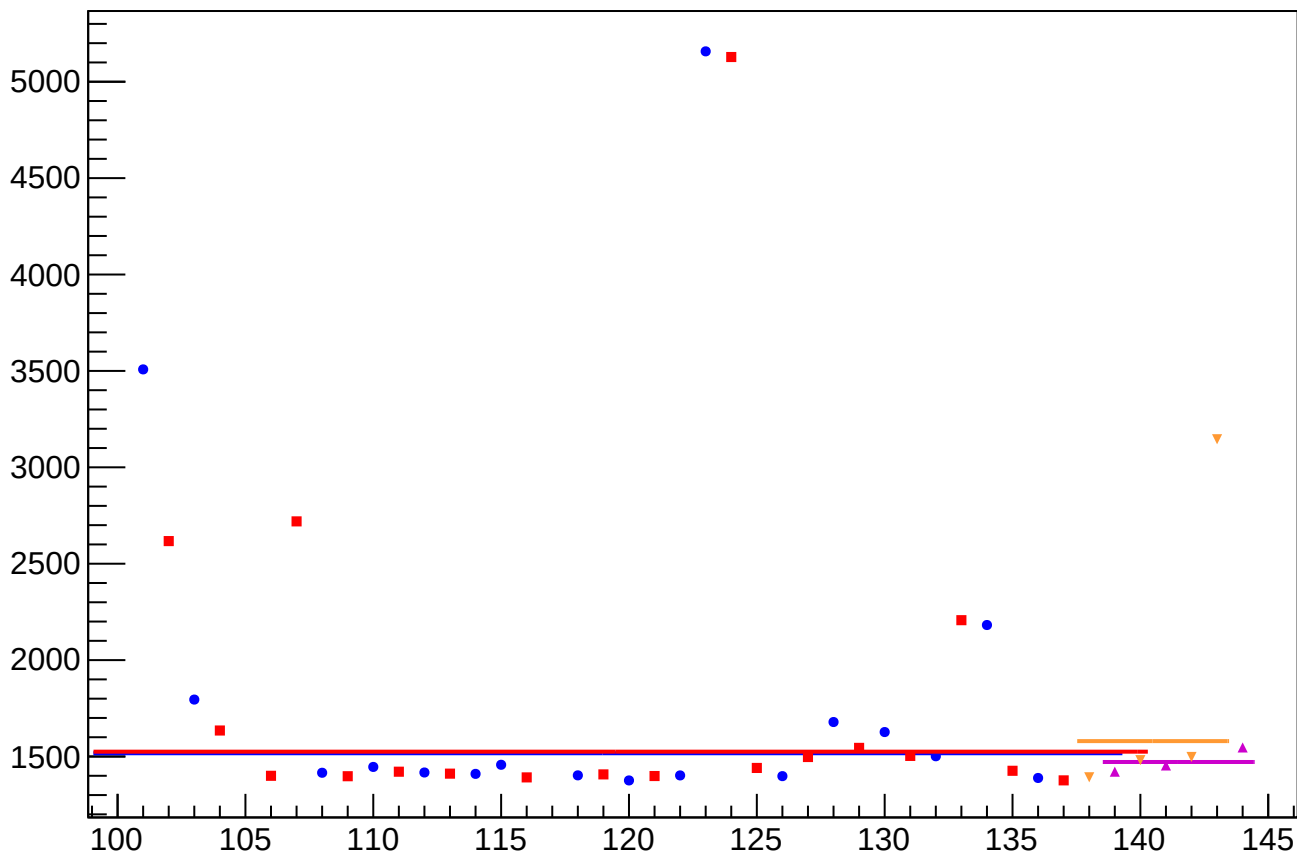
Right: -763.412 ± 423.268 χ^2/NDF : 24.1/34

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

Out: -406.545 ± 511.691 χ^2/NDF : 12.7/21

All: -643.741 ± 359.569 χ^2/NDF : 30.7/41

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: 1579.829+/-0.705 χ^2/NDF : 417953.1/3

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: 1522.095+/-0.482 χ^2/NDF : 436804.7/6

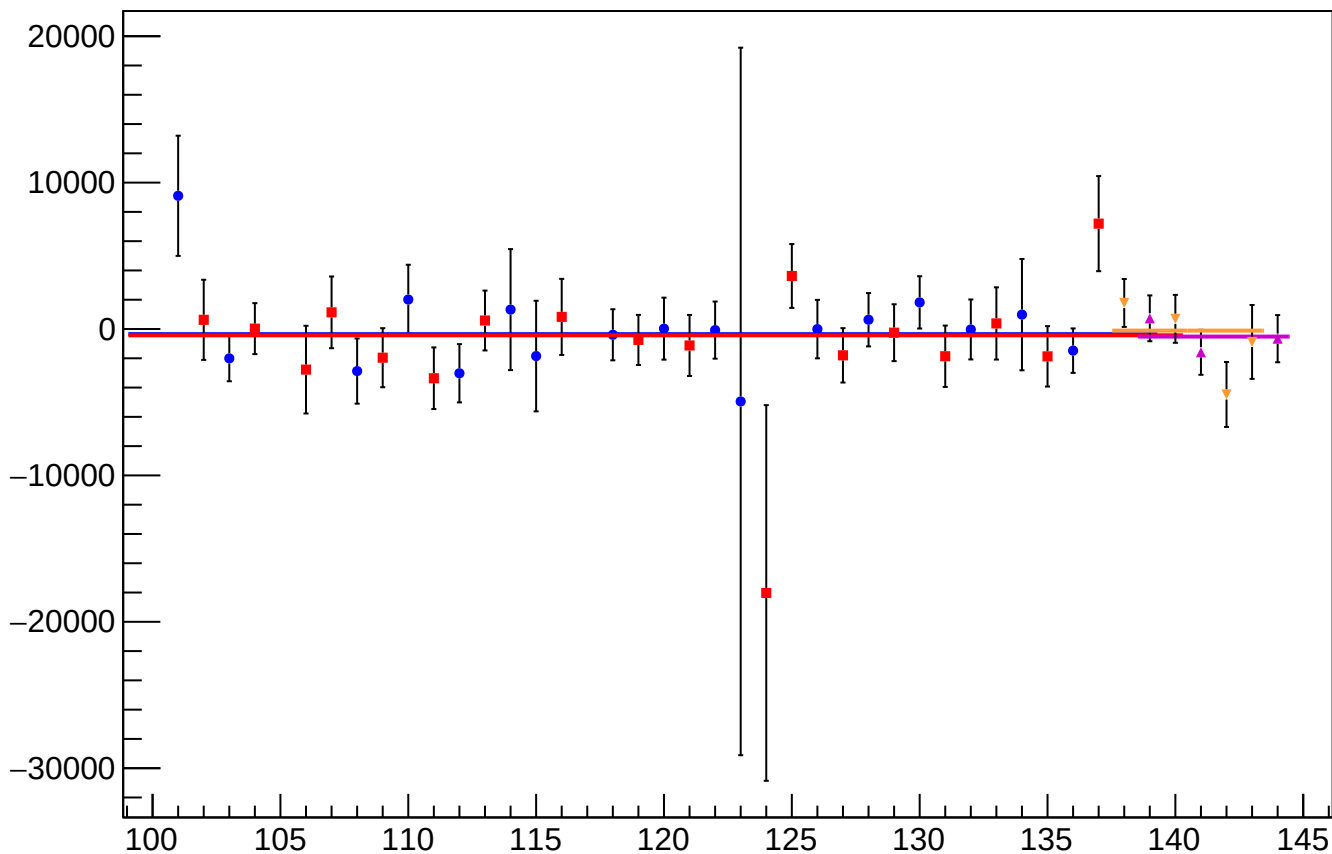
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

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

Out: 1539.497+/-0.362 χ^2/NDF : 994317.9/21

All: 1521.342+/-0.254 χ^2/NDF : 1549962.9/41

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: -110.202+/-950.562 χ^2/NDF : 5.5/3

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: -323.546+/-656.017 χ^2/NDF : 6.8/6

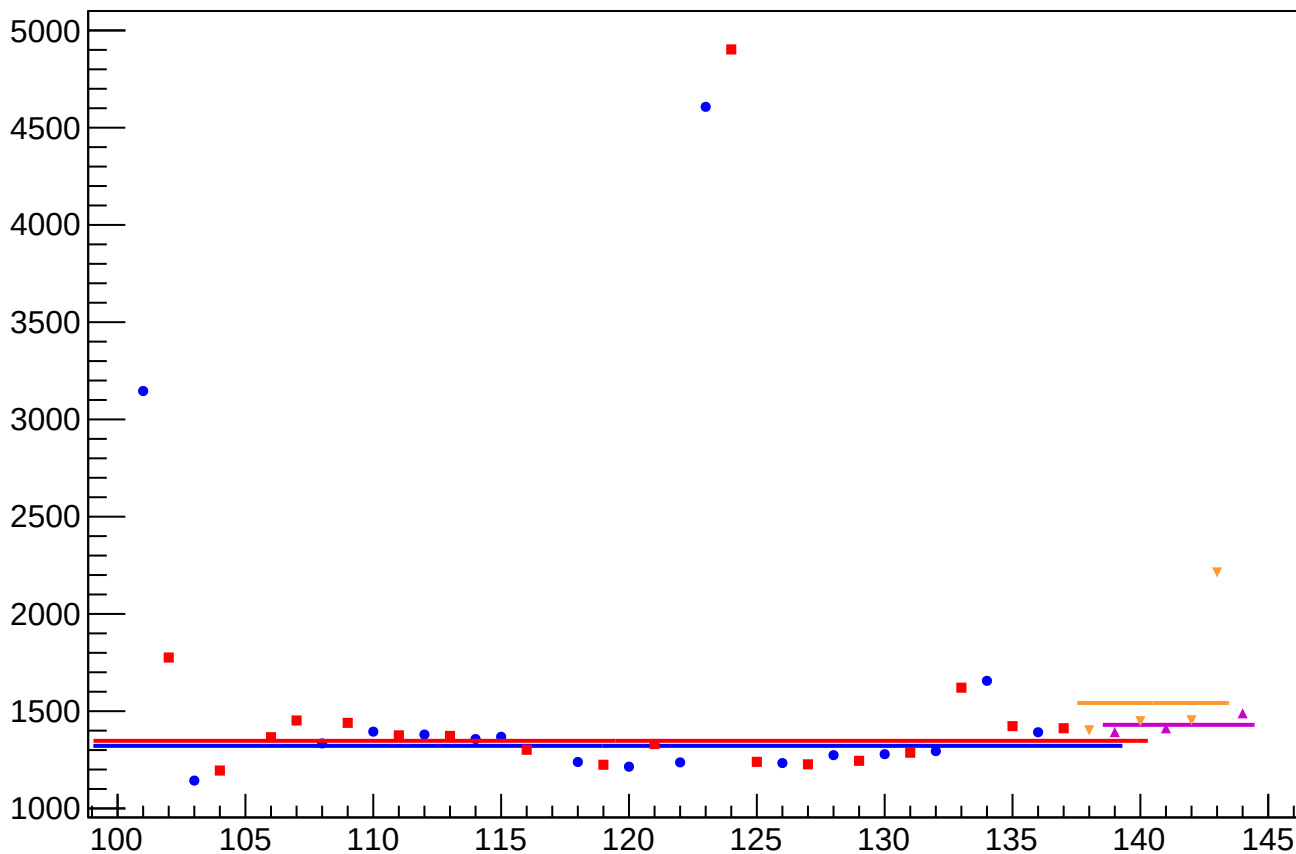
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

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

Out: -355.190+/-457.779 χ^2/NDF : 22.5/21

All: -374.908+/-322.075 χ^2/NDF : 37.0/41

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1542.028 $\pm$ 0.672 χ^2 /NDF:166012.0/3

Right Out: 1347.646 $\pm$ 0.369 χ^2 /NDF: 286301.2/17

Left In: 1429.833 $\pm$ 0.641 χ^2 /NDF:4100.0/2

Left: 1483.270 $\pm$ 0.464 χ^2 /NDF: 184703.8/6

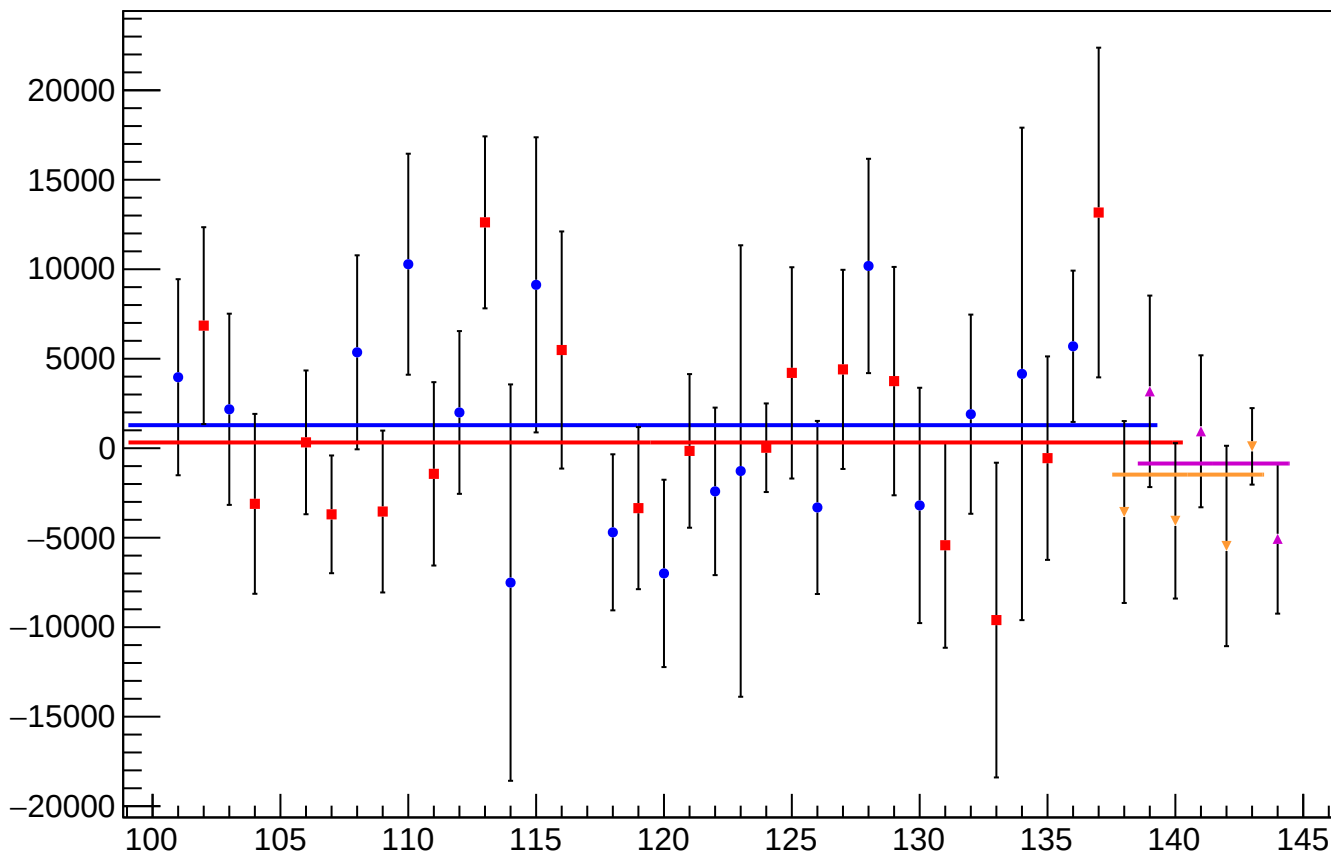
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1348.732 $\pm$ 0.320 χ^2 /NDF:527689.5/19

Out: 1392.690 $\pm$ 0.324 χ^2 /NDF:516566.6/21

All: 1370.500 $\pm$ 0.228 χ^2 /NDF: 1053573.4/41

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: -1474.388+/-1708.814 χ^2/NDF : 1.6/3

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: -1287.949+/-1428.410 χ^2/NDF : 3.4/6

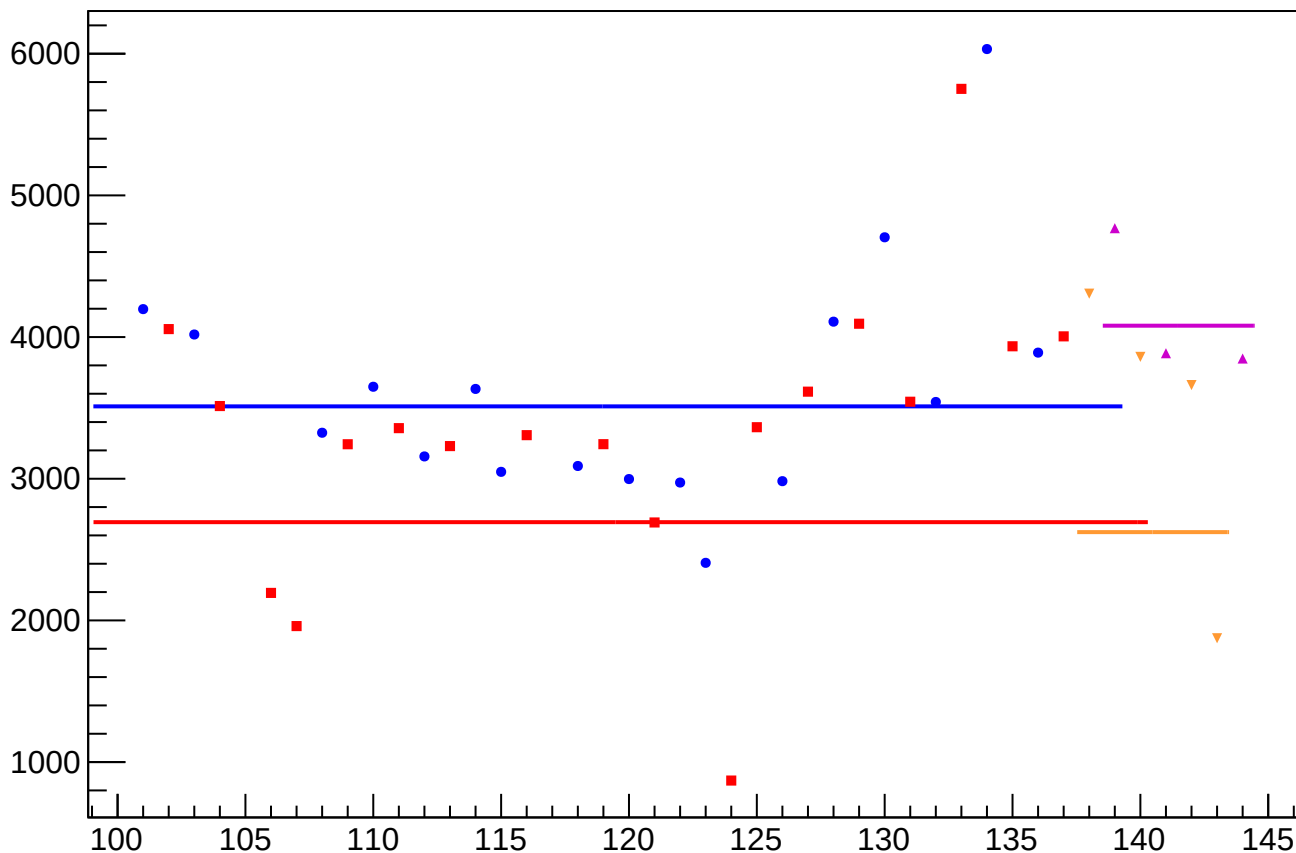
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

Out: -208.417+/-928.242 χ^2/NDF : 19.9/21

All: 169.856+/-737.911 χ^2/NDF : 36.9/41

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: 2623.230+/-1.208 χ^2/NDF : 695964.5/3

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: 3062.182+/-1.010 χ^2/NDF : 1177459.3/6

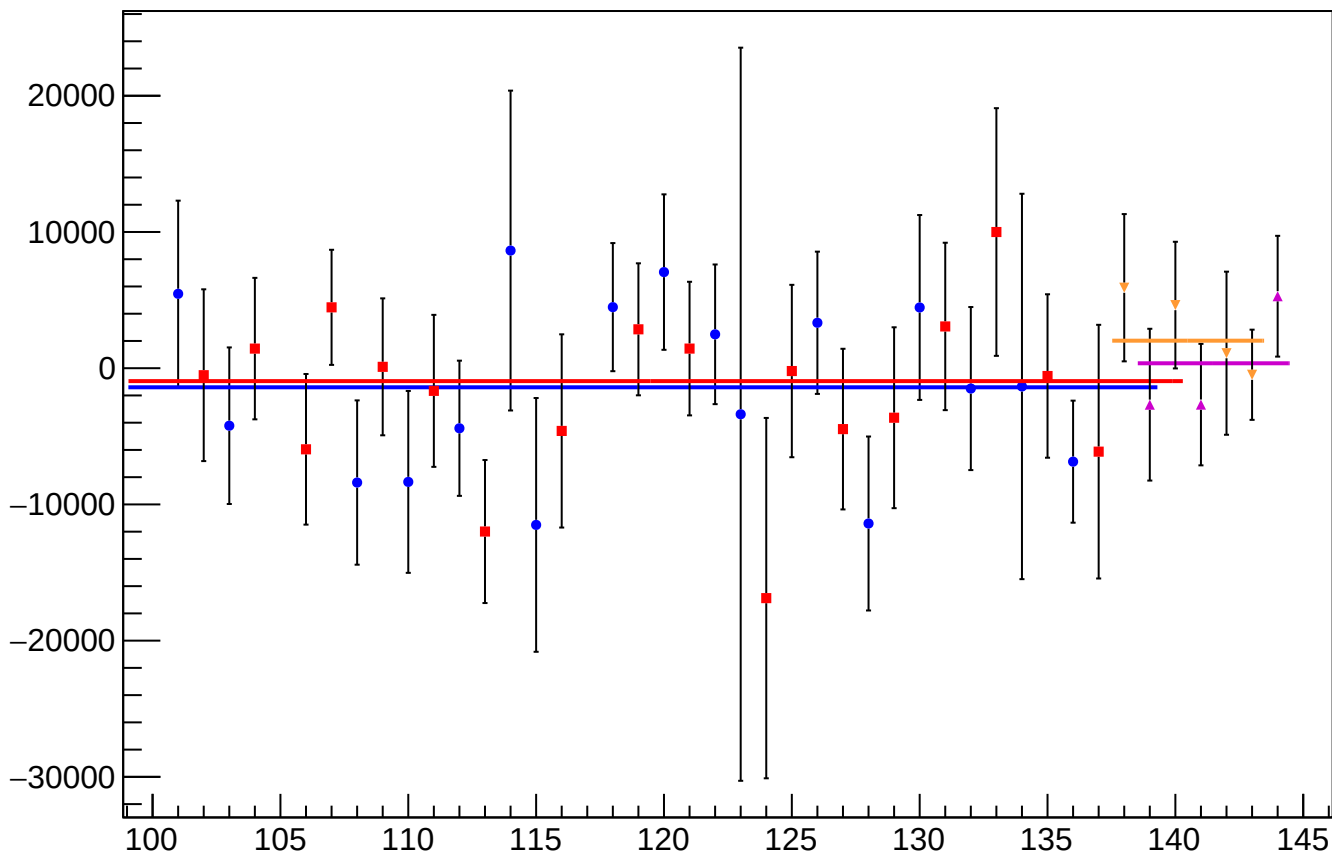
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

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

Out: 2672.767+/-0.656 χ^2/NDF : 2824190.9/21

All: 3026.987+/-0.522 χ^2/NDF : 4077848.6/41

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 2020.378+/-2238.072 χ^2/NDF : 1.4/3

Right Out: -947.960+/-1382.709 χ^2/NDF : 12.5/17

Left In: 361.372+/-2738.294 χ^2/NDF : 2.0/2

Left: 1355.969+/-1732.901 χ^2/NDF : 3.6/6

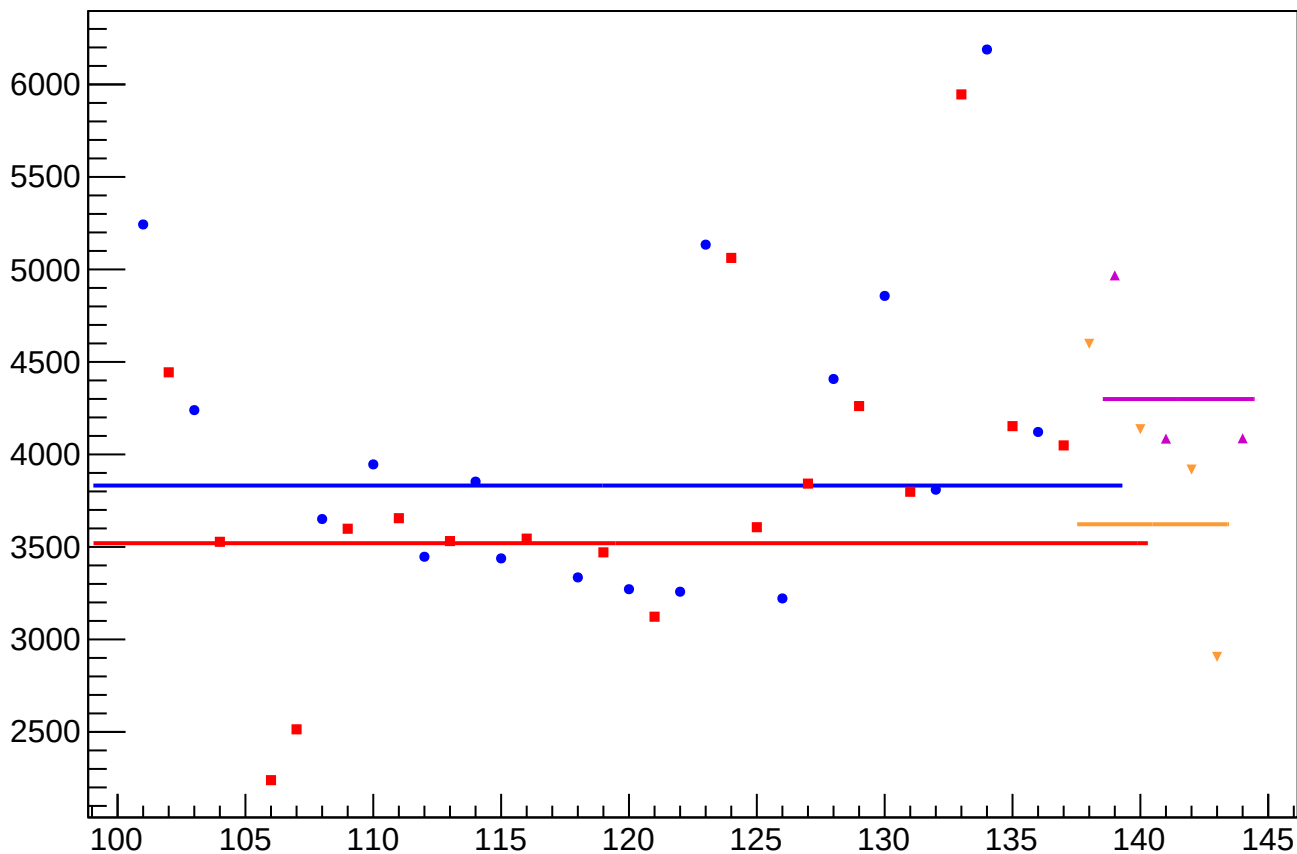
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -992.834+/-1318.348 χ^2/NDF : 18.1/19

Out: -127.957+/-1176.319 χ^2/NDF : 15.2/21

All: -511.315+/-877.718 χ^2/NDF : 33.5/41

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: 3622.530+/-1.583 χ^2/NDF : 188185.2/3

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: 3893.596+/-1.225 χ^2/NDF : 299421.1/6

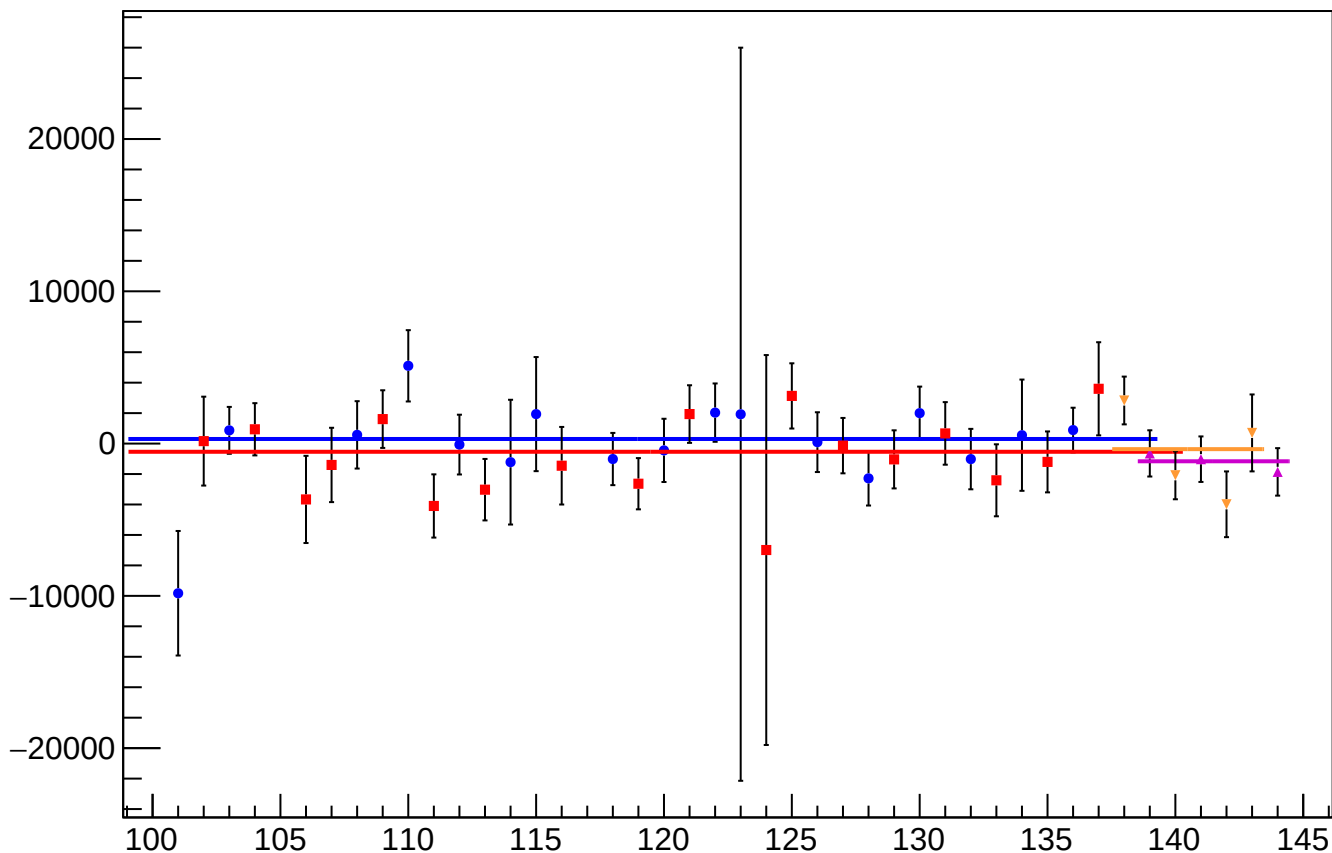
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

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

Out: 3548.086+/-0.826 χ^2/NDF : 735371.1/21

All: 3720.602+/-0.618 χ^2/NDF : 1254933.9/41

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -365.309 $\pm$ 920.660 χ^2 /NDF:8.3/3

Right Out: -537.727 $\pm$ 508.684 χ^2 /NDF: 17.5/17

Left In: -1162.498 $\pm$ 879.325 χ^2 /NDF:0.3/2

Left: -782.200 $\pm$ 635.888 χ^2 /NDF: 9.0/6

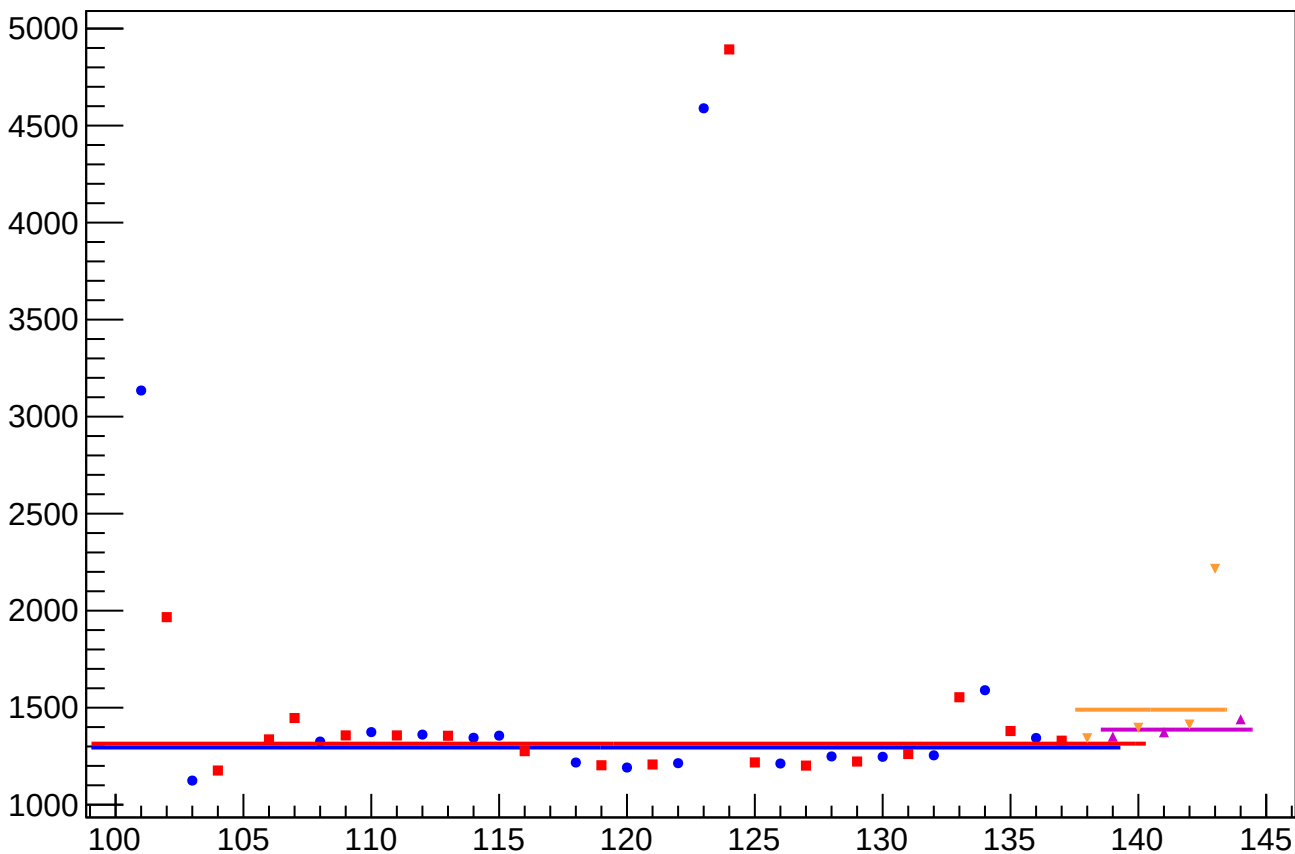
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

In: -69.725 $\pm$ 442.998 χ^2 /NDF:18.5/19

Out: -497.402 $\pm$ 445.242 χ^2 /NDF:25.8/21

All: -282.483 $\pm$ 314.038 χ^2 /NDF: 44.8/41

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1489.624 $\pm$ 0.651 χ^2 /NDF:192187.8/3

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

Left In: 1386.952 $\pm$ 0.622 χ^2 /NDF:3655.1/2

Left: 1435.932 $\pm$ 0.450 χ^2 /NDF: 208850.5/6

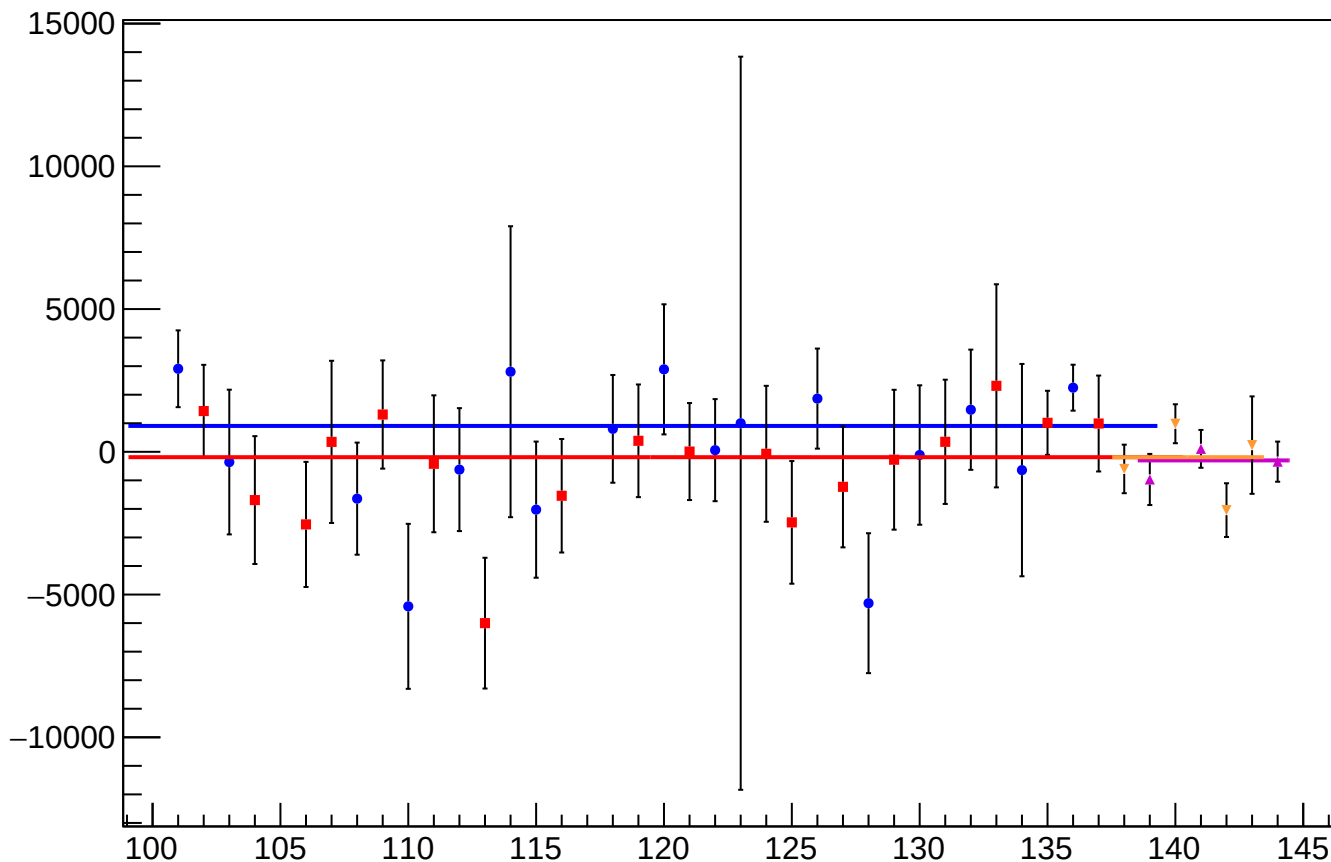
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1318.136 $\pm$ 0.313 χ^2 /NDF:527874.7/19

Out: 1355.525 $\pm$ 0.315 χ^2 /NDF:581410.2/21

All: 1336.736 $\pm$ 0.222 χ^2 /NDF: 1116372.4/41

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: -188.896+/-447.024 χ^2/NDF : 7.1/3

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: -247.896+/-307.868 χ^2/NDF : 8.1/6

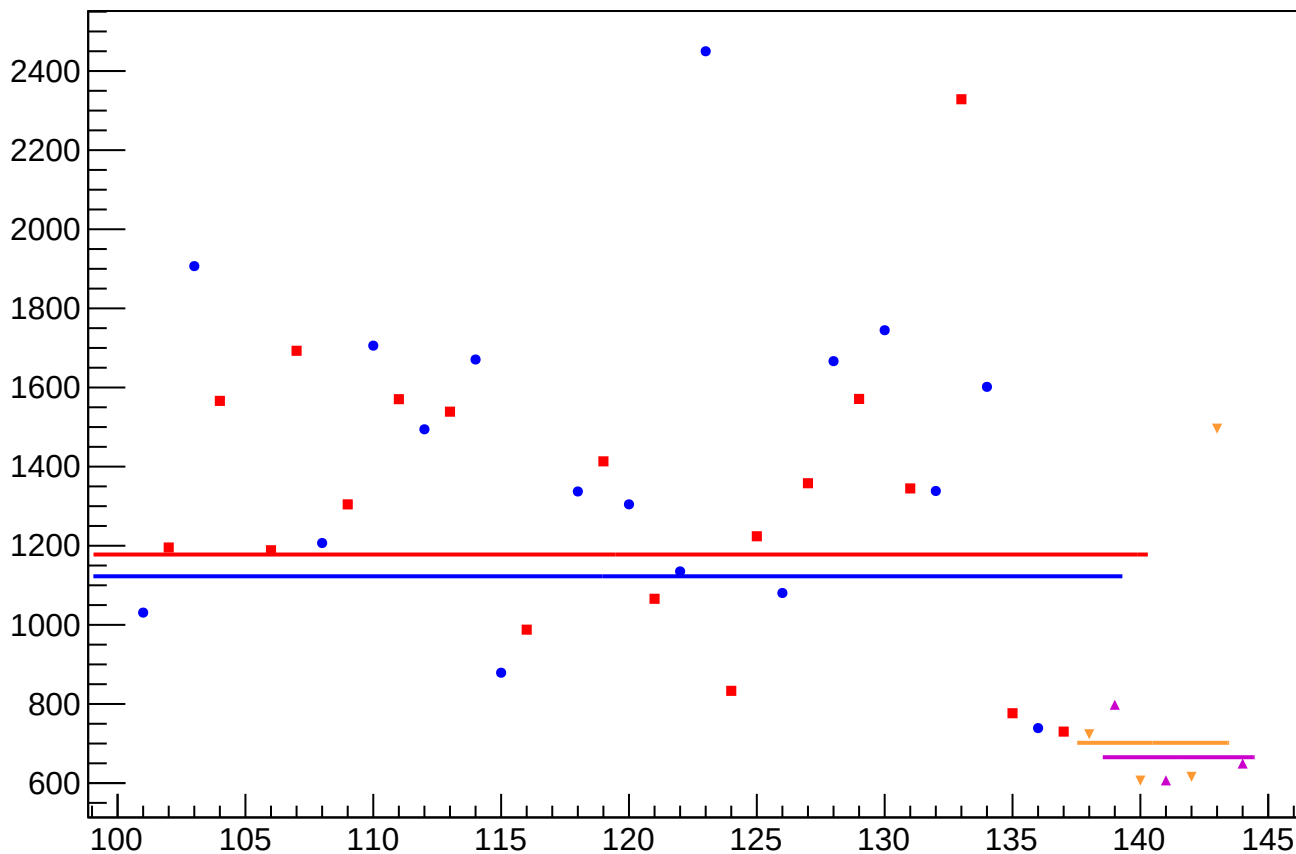
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

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

Out: -188.547+/-322.107 χ^2/NDF : 21.0/21

All: 43.811+/-223.623 χ^2/NDF : 48.6/41

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: 701.831+/-0.316 χ^2/NDF : 490193.7/3

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: 682.683+/-0.218 χ^2/NDF : 557678.0/6

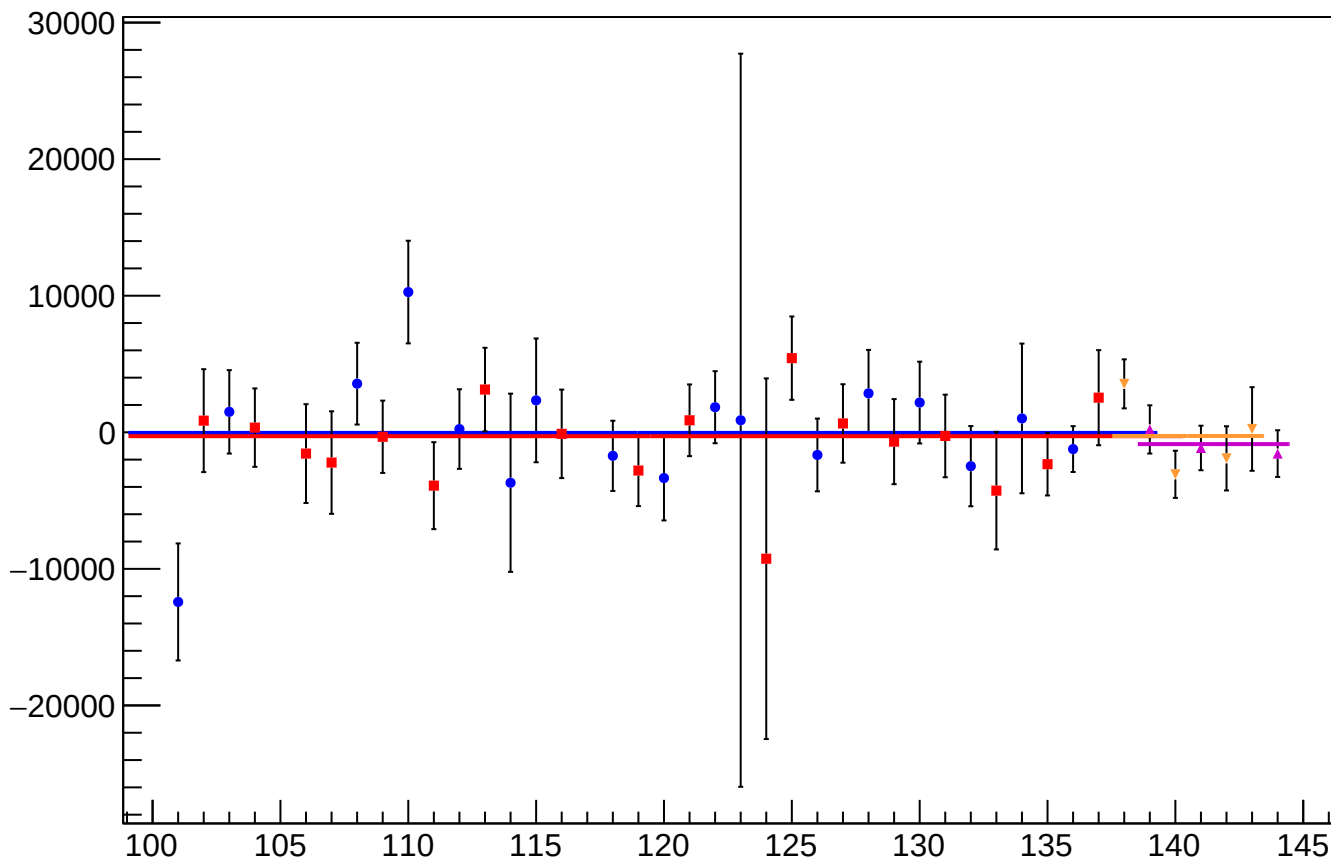
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

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

Out: 930.673+/-0.228 χ^2/NDF : 2602039.5/21

All: 903.333+/-0.158 χ^2/NDF : 4956364.7/41

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: -269.093+/-1034.910 χ^2/NDF : 7.7/3

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: -582.746+/-712.001 χ^2/NDF : 8.4/6

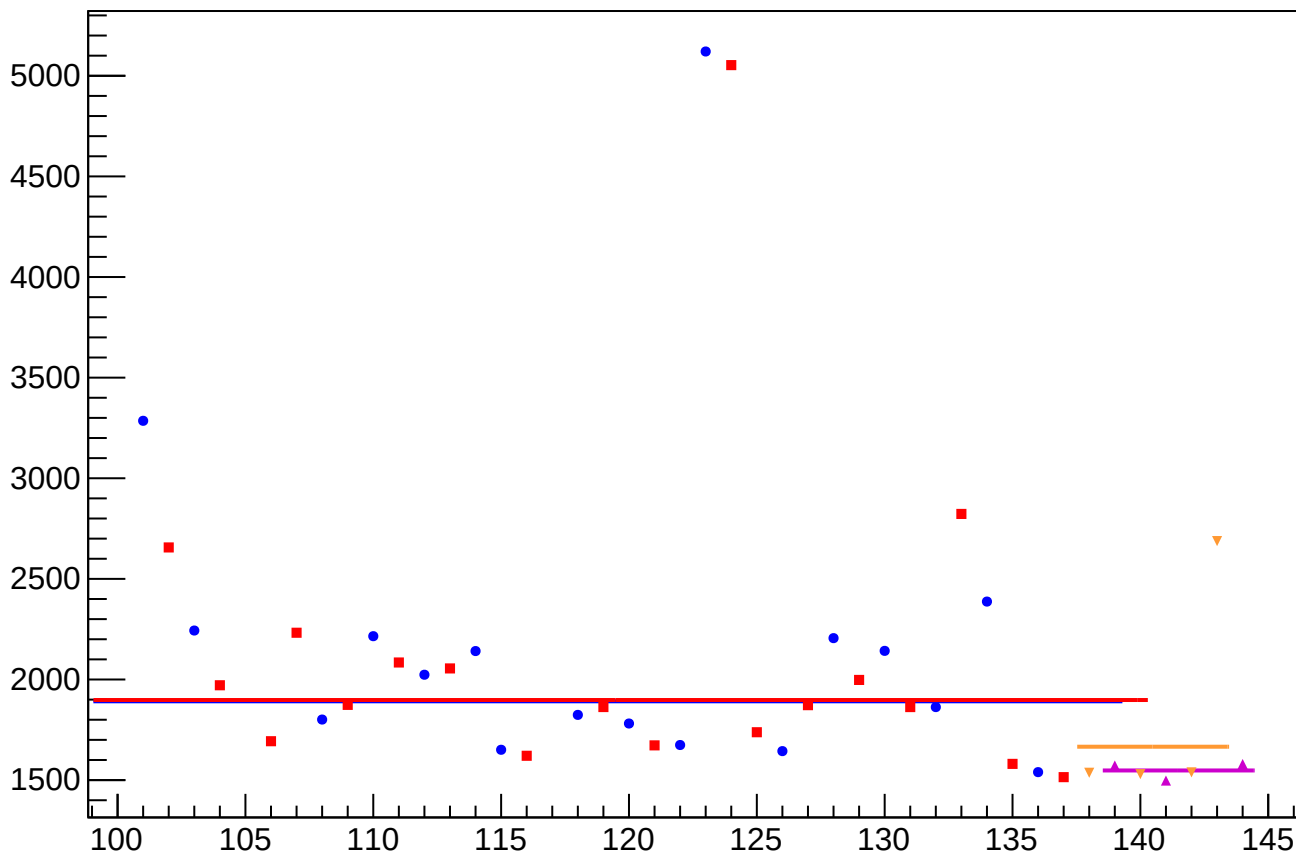
Right: -166.852+/-524.259 χ^2/NDF : 33.9/34

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

Out: -279.911+/-599.460 χ^2/NDF : 18.3/21

All: -313.064+/-422.164 χ^2/NDF : 42.5/41

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: 1665.956 $\pm$ 0.732 χ^2 /NDF: 251394.4/3

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: 1603.799 $\pm$ 0.503 χ^2 /NDF: 268085.1/6

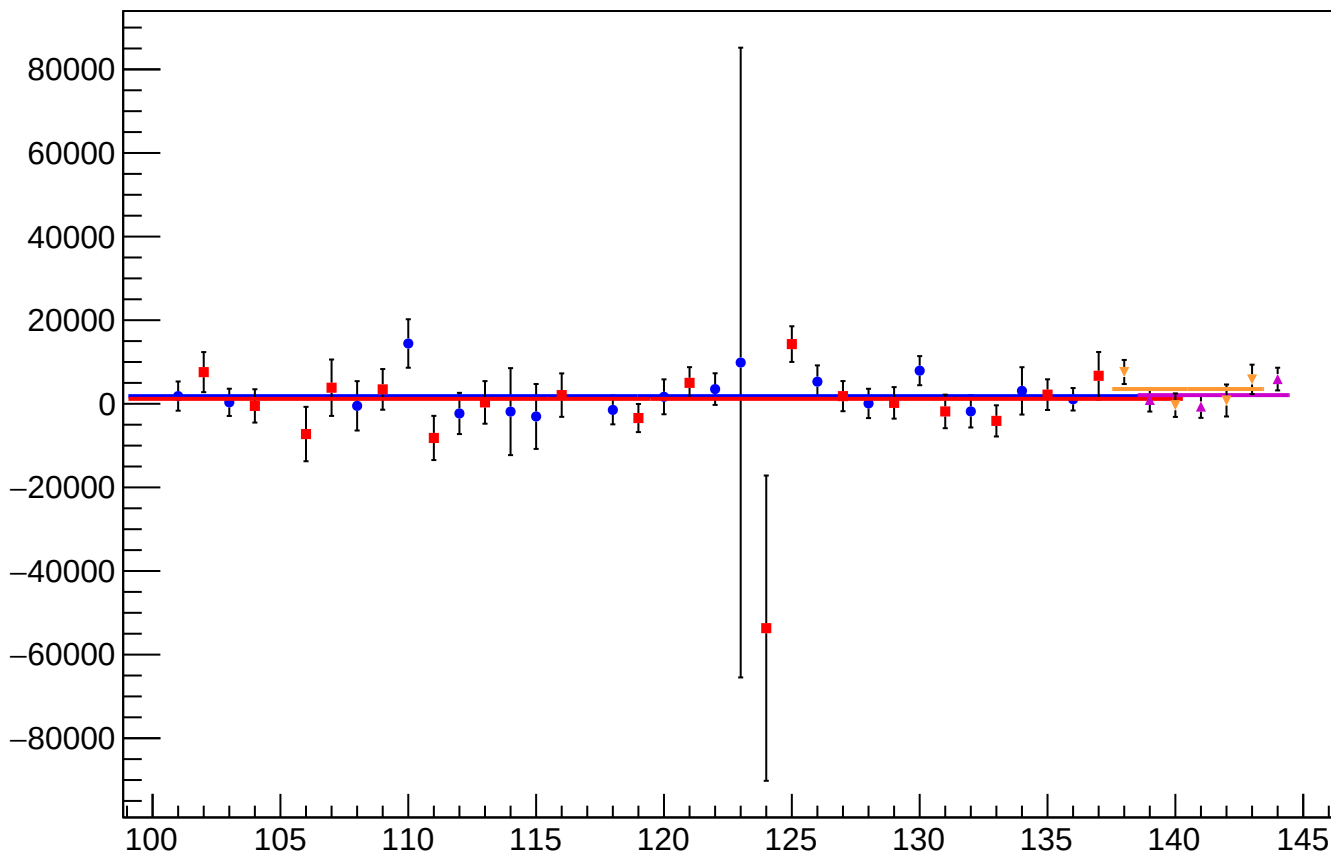
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

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

Out: 1820.153 $\pm$ 0.424 χ^2 /NDF: 741907.0/21

All: 1792.556 $\pm$ 0.299 χ^2 /NDF: 1377712.4/41

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 3538.787+/-1589.537 χ^2/NDF : 4.8/3

Right Out: 1182.804+/-1049.924 χ^2/NDF : 25.5/17

Left In: 2074.069+/-1577.485 χ^2/NDF : 3.2/2

Left: 2800.854+/-1119.687 χ^2/NDF : 8.4/6

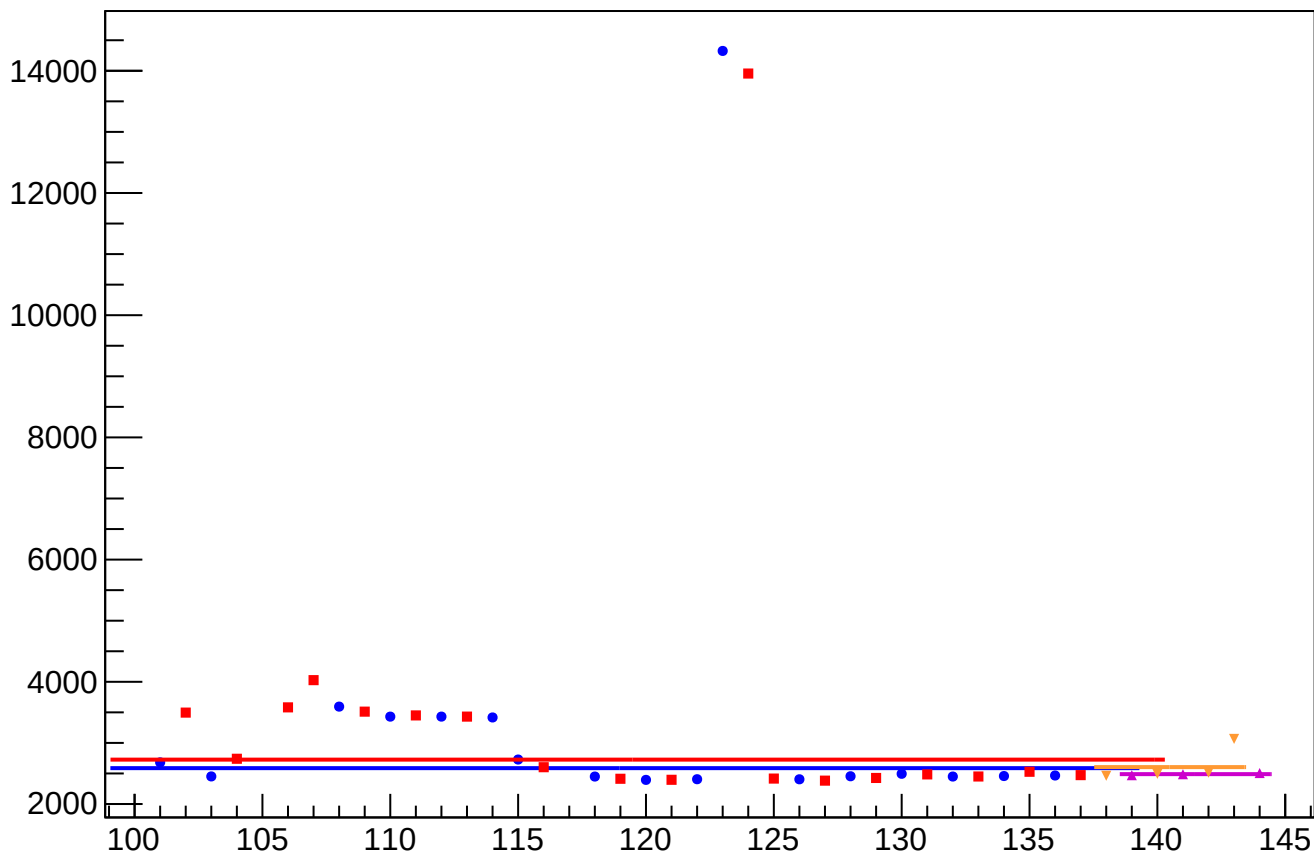
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

In: 1897.463+/-850.694 χ^2/NDF : 15.8/19

Out: 1898.461+/-876.066 χ^2/NDF : 31.8/21

All: 1897.947+/-610.304 χ^2/NDF : 47.6/41

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2603.994+/-1.124 χ^2/NDF : 43409.6/3

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: 2546.059+/-0.792 χ^2/NDF : 48852.1/6

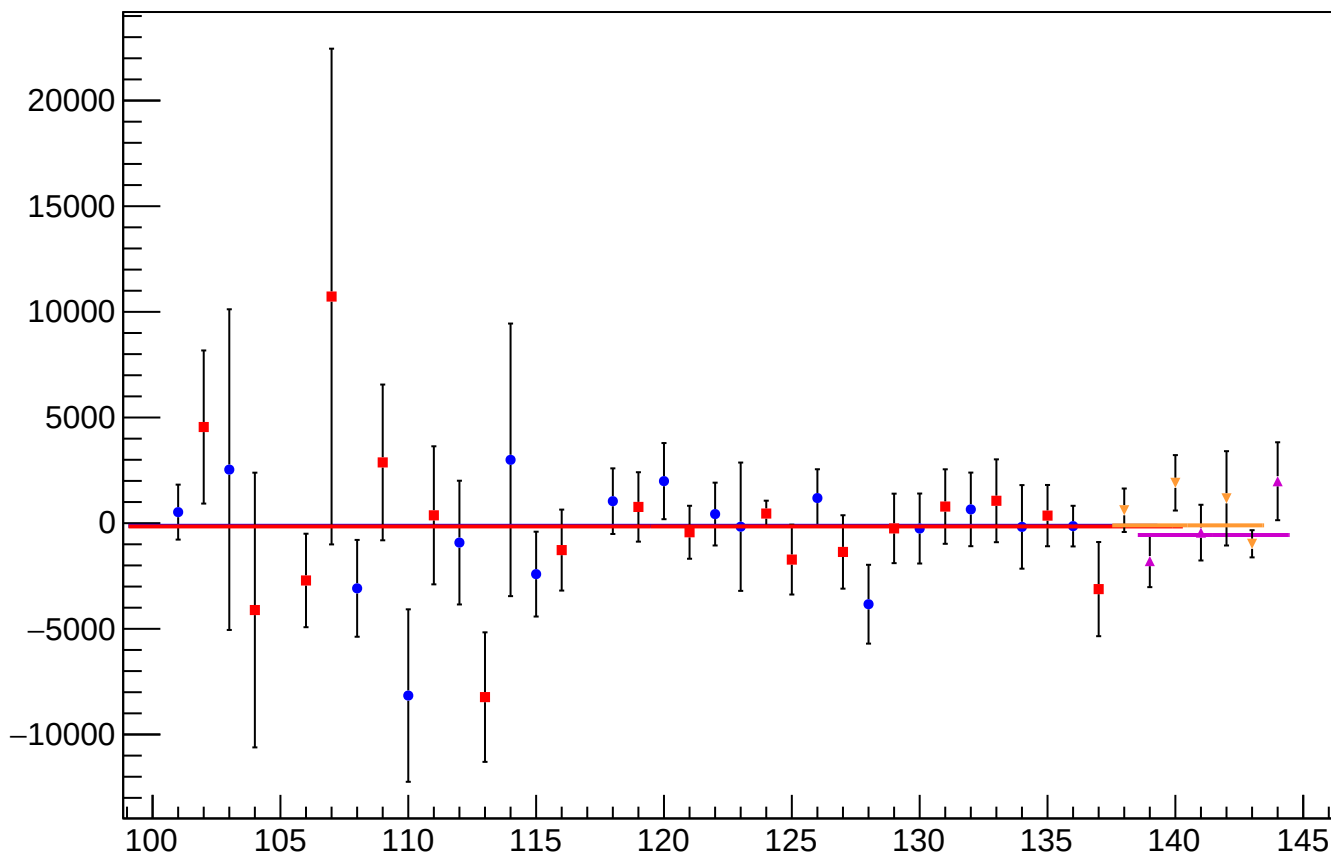
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

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

Out: 2689.257+/-0.619 χ^2/NDF : 632524.9/21

All: 2621.950+/-0.432 χ^2/NDF : 915215.3/41

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 $\pm$ 430.760 χ^2 /NDF: 14.7/16

Left Out: -103.518 $\pm$ 491.566 χ^2 /NDF:5.0/3

Right Out: -154.579 $\pm$ 380.922 χ^2 /NDF: 17.6/17

Left In: -559.694 $\pm$ 809.113 χ^2 /NDF:2.9/2

Left: -226.500 $\pm$ 420.111 χ^2 /NDF: 8.1/6

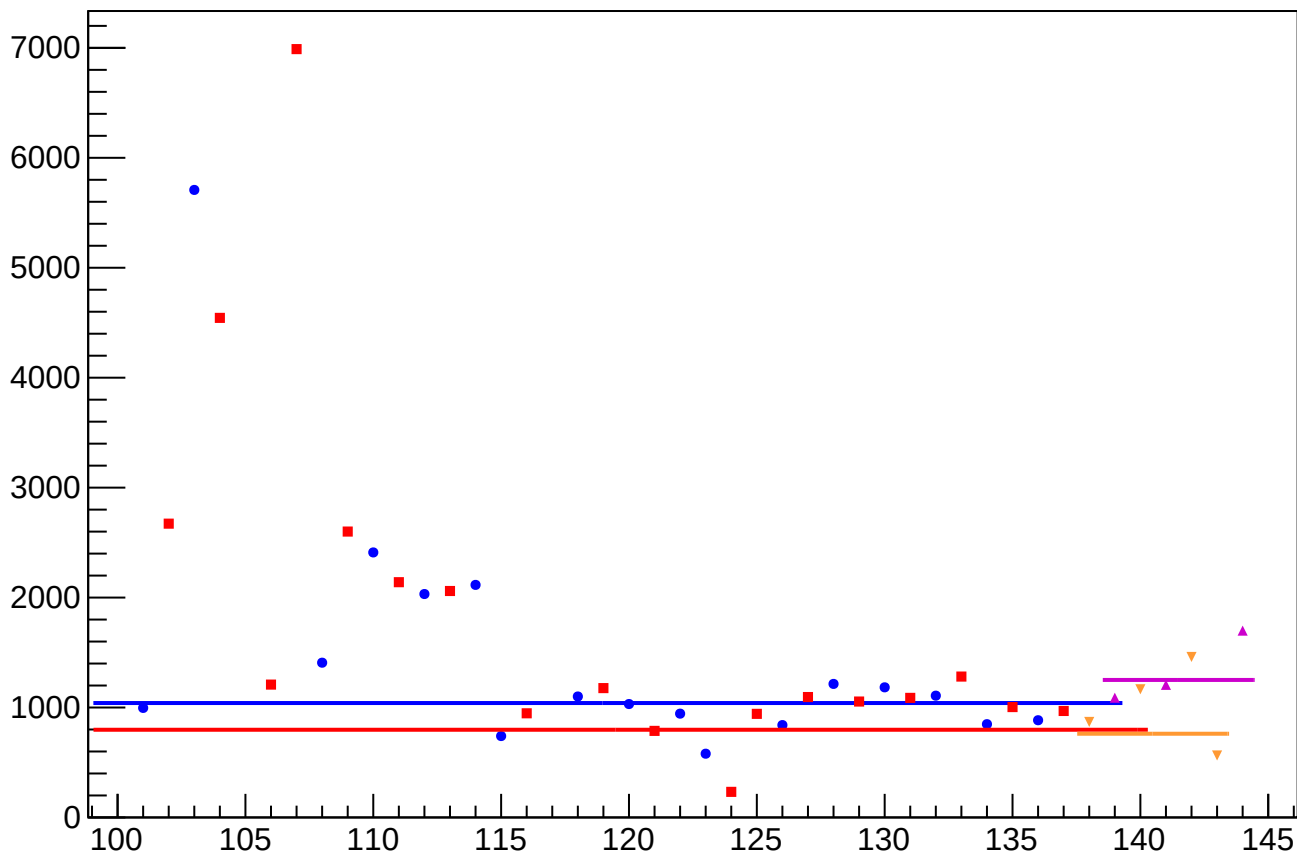
Right: -141.367 $\pm$ 285.354 χ^2 /NDF: 32.3/34

In: -220.587 $\pm$ 380.232 χ^2 /NDF:17.8/19

Out: -135.421 $\pm$ 301.099 χ^2 /NDF:22.6/21

All: -168.244 $\pm$ 236.051 χ^2 /NDF: 40.4/41

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 761.458+/-0.348 χ^2/NDF : 596321.7/3

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: 893.376+/-0.297 χ^2/NDF : 1285613.2/6

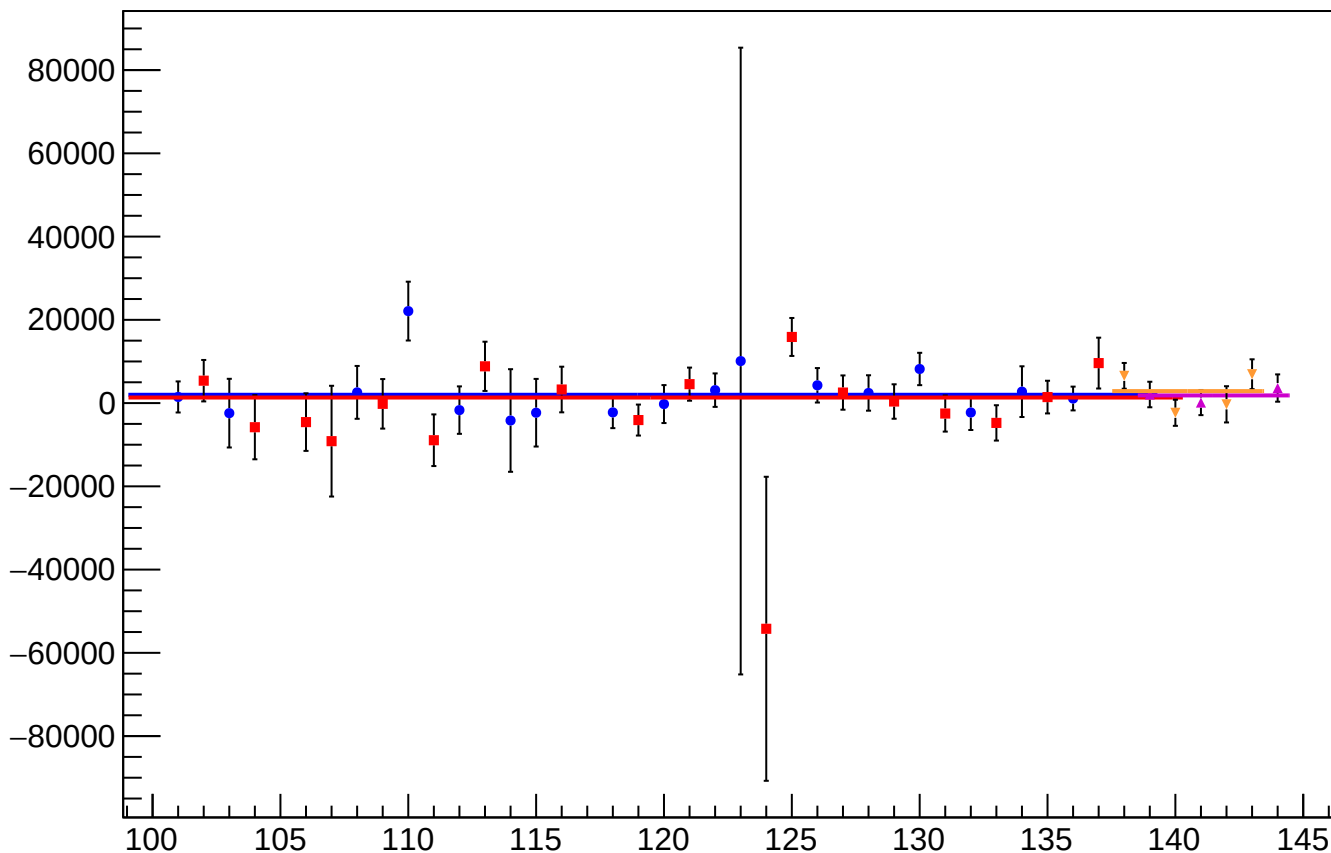
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

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

Out: 784.122+/-0.213 χ^2/NDF : 5777458.2/21

All: 900.906+/-0.167 χ^2/NDF : 8391165.2/41

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263 $\pm$ 1155.054 χ^2/NDF : 14.9/16

Left Out: 2879.651 $\pm$ 1722.686 χ^2/NDF : 6.0/3

Right Out: 1336.627 $\pm$ 1193.730 χ^2/NDF : 27.5/17

Left In: 1841.847 $\pm$ 1798.775 χ^2/NDF : 0.6/2

Left: 2383.162 $\pm$ 1244.153 χ^2/NDF : 6.8/6

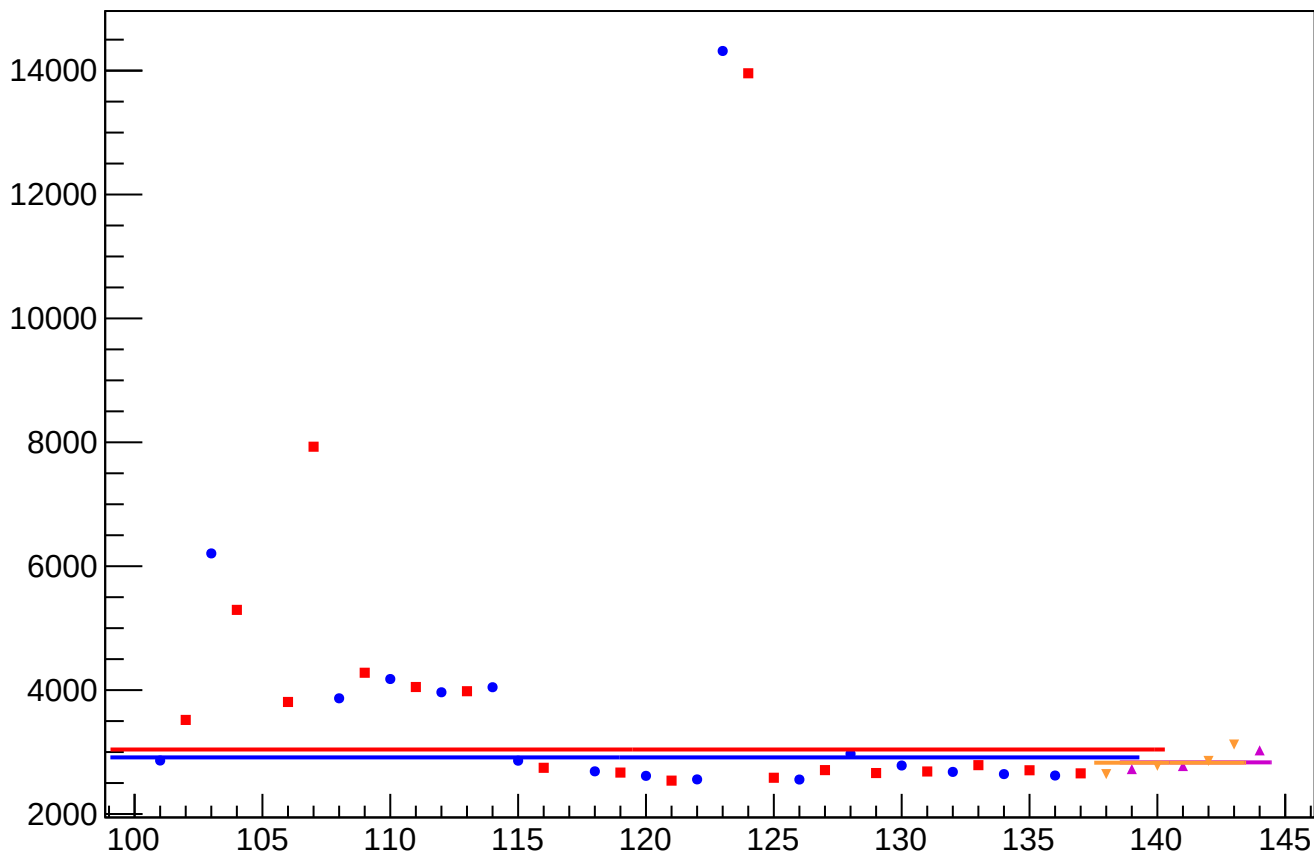
Right: 1677.304 $\pm$ 830.083 χ^2/NDF : 42.6/34

In: 1951.181 $\pm$ 971.926 χ^2/NDF : 15.5/19

Out: 1837.191 $\pm$ 981.182 χ^2/NDF : 34.0/21

All: 1894.726 $\pm$ 690.505 χ^2/NDF : 49.6/41

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2827.953+/-1.218 χ^2/NDF :21075.5/3

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: 2830.641+/-0.880 χ^2/NDF : 31353.9/6

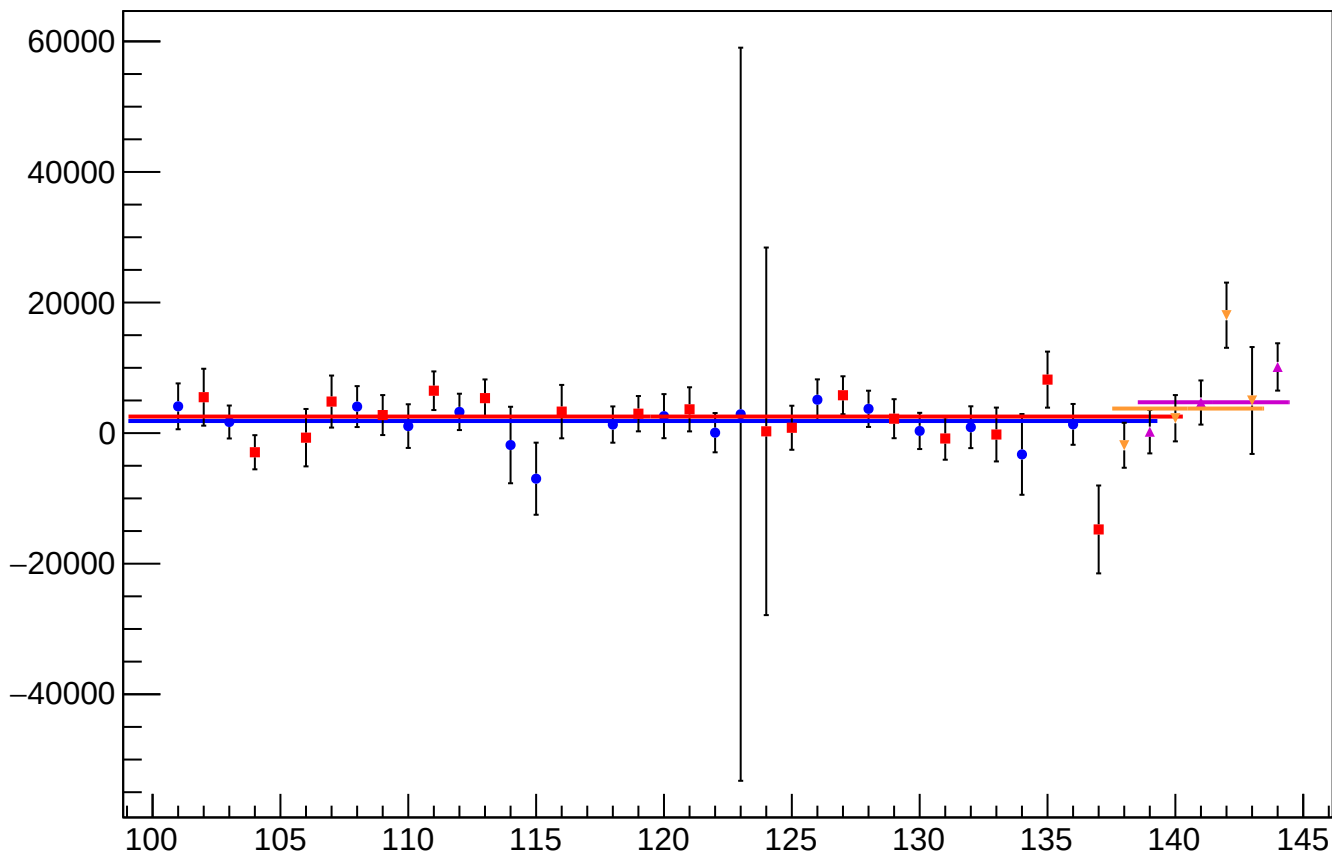
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

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

Out: 2972.040+/-0.694 χ^2/NDF :1045368.9/21

All: 2930.849+/-0.488 χ^2/NDF : 1704427.8/41

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 3761.351+/-2137.818 χ^2/NDF : 11.1/3

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: 4280.102+/-1454.300 χ^2/NDF : 15.2/6

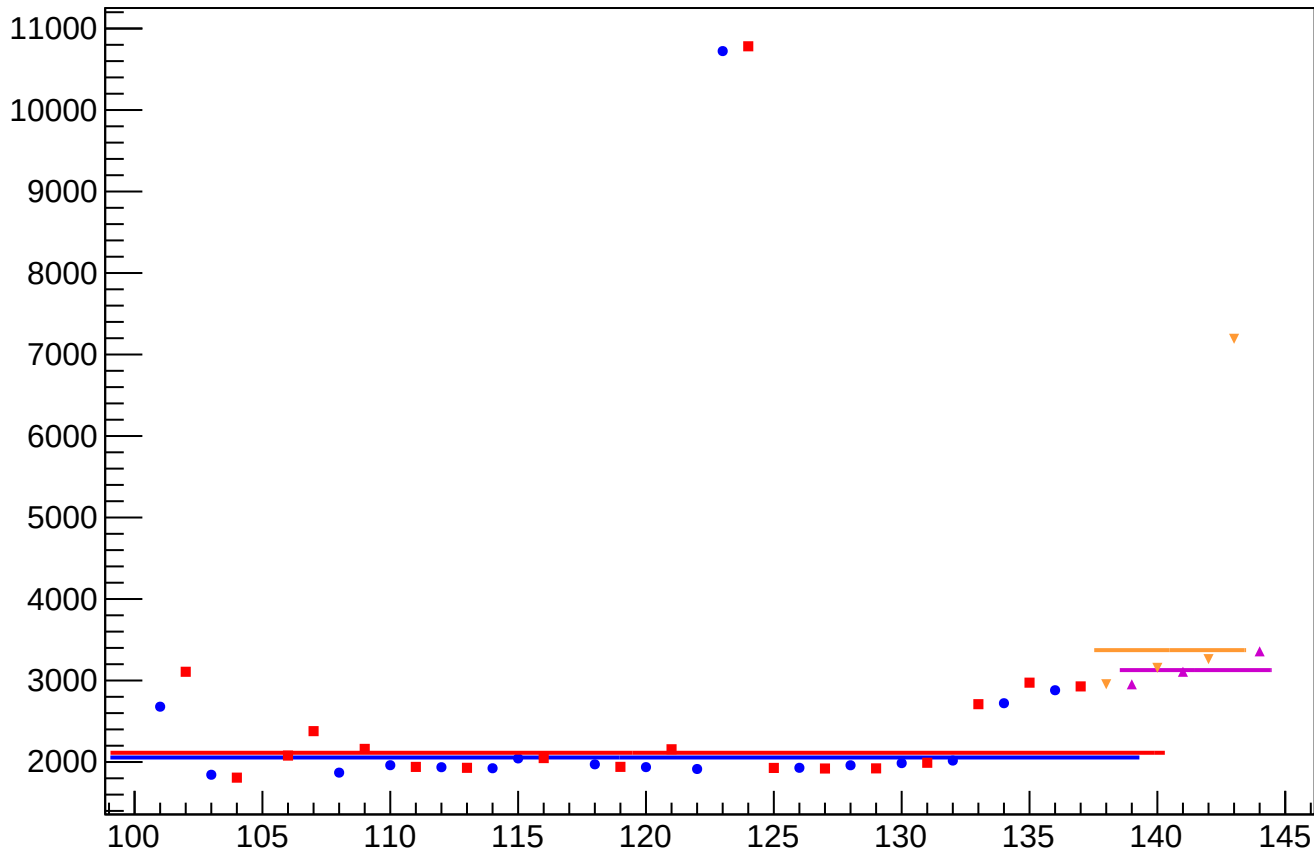
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

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

Out: 2692.202+/-765.060 χ^2/NDF : 31.4/21

All: 2470.136+/-534.605 χ^2/NDF : 44.6/41

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 3372.674+/-1.512 χ^2/NDF : 473508.0/3

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: 3241.107+/-1.028 χ^2/NDF : 501240.5/6

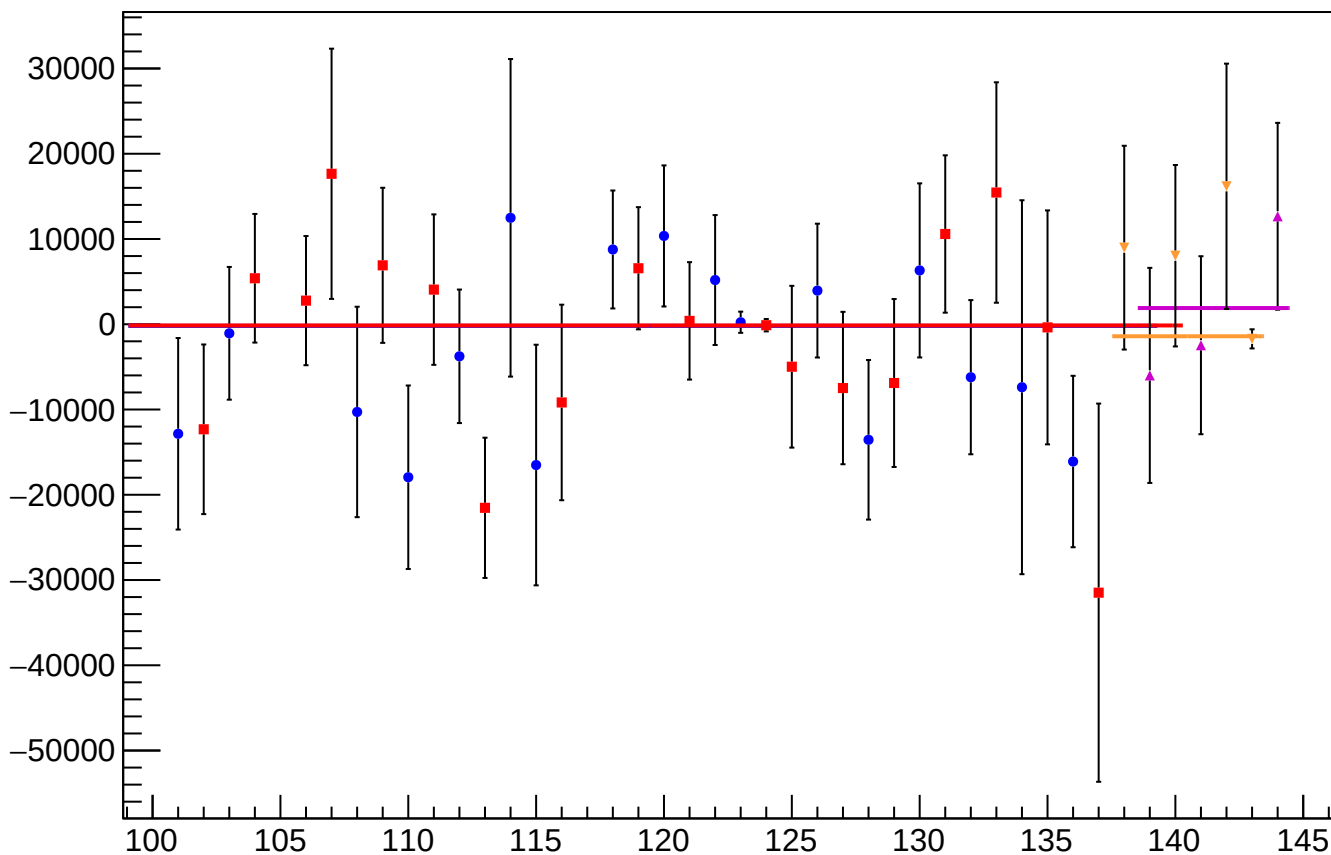
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

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

Out: 2274.170+/-0.540 χ^2/NDF : 1610915.7/21

All: 2240.138+/-0.378 χ^2/NDF : 2449986.5/41

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2 /NDF: 16.4/16

Left Out: -1409.314 $\pm$ 1107.949 χ^2 /NDF: 3.1/3

Right Out: -141.935 $\pm$ 690.979 χ^2 /NDF: 19.0/17

Left In: 1901.767 $\pm$ 6483.327 χ^2 /NDF: 1.5/2

Left: -1315.360 $\pm$ 1092.116 χ^2 /NDF: 4.9/6

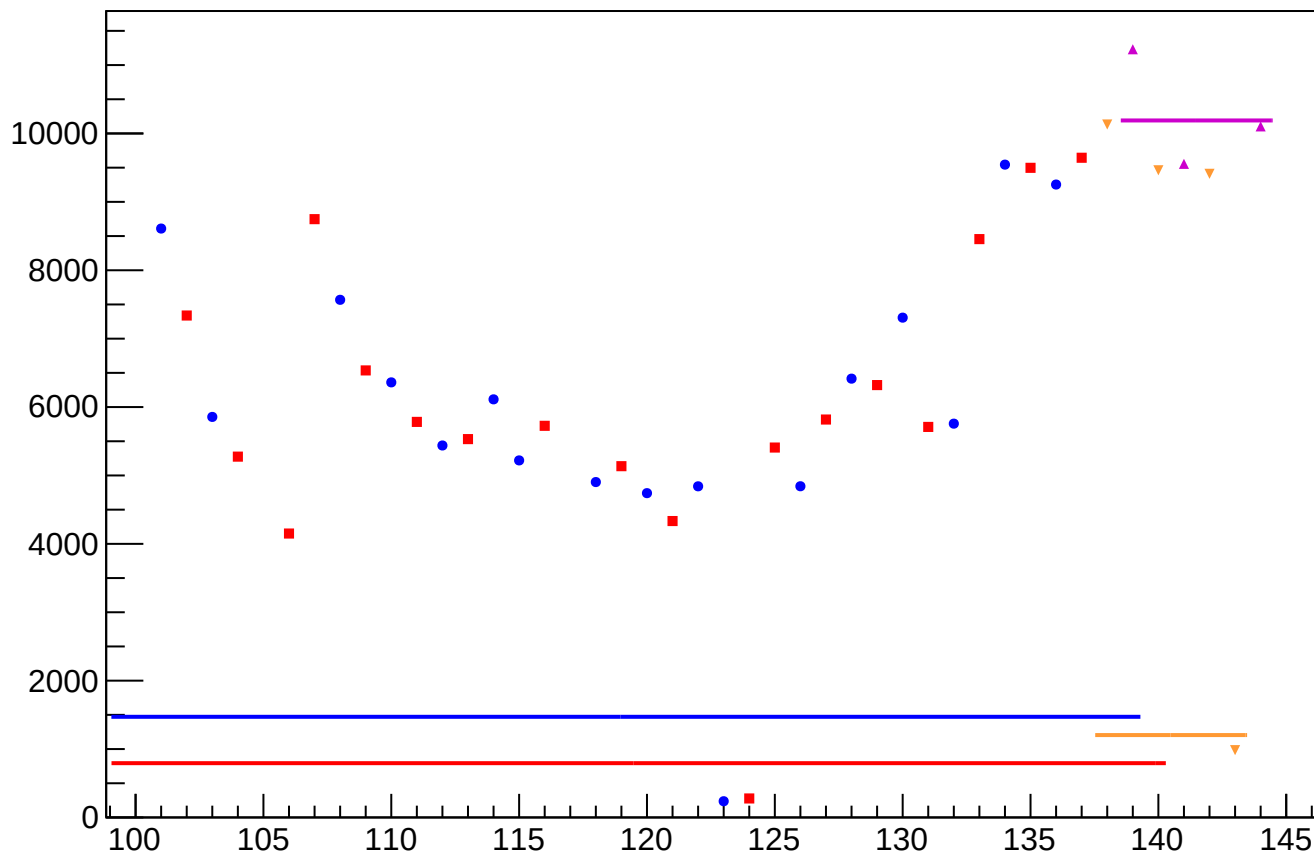
Right: -154.177 $\pm$ 585.233 χ^2 /NDF: 35.3/34

In: -126.768 $\pm$ 1085.248 χ^2 /NDF: 18.0/19

Out: -496.839 $\pm$ 586.303 χ^2 /NDF: 23.0/21

All: -413.230 $\pm$ 515.838 χ^2 /NDF: 41.1/41

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1204.468+/-0.783

χ^2/NDF : 3047789.2/3

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 10190.223+/-4.584

χ^2/NDF : 21125.7/2

Left: 1459.442+/-0.772

χ^2/NDF : 6801775.6/6

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 1715.901+/-0.767

χ^2/NDF : 13324876.6/19

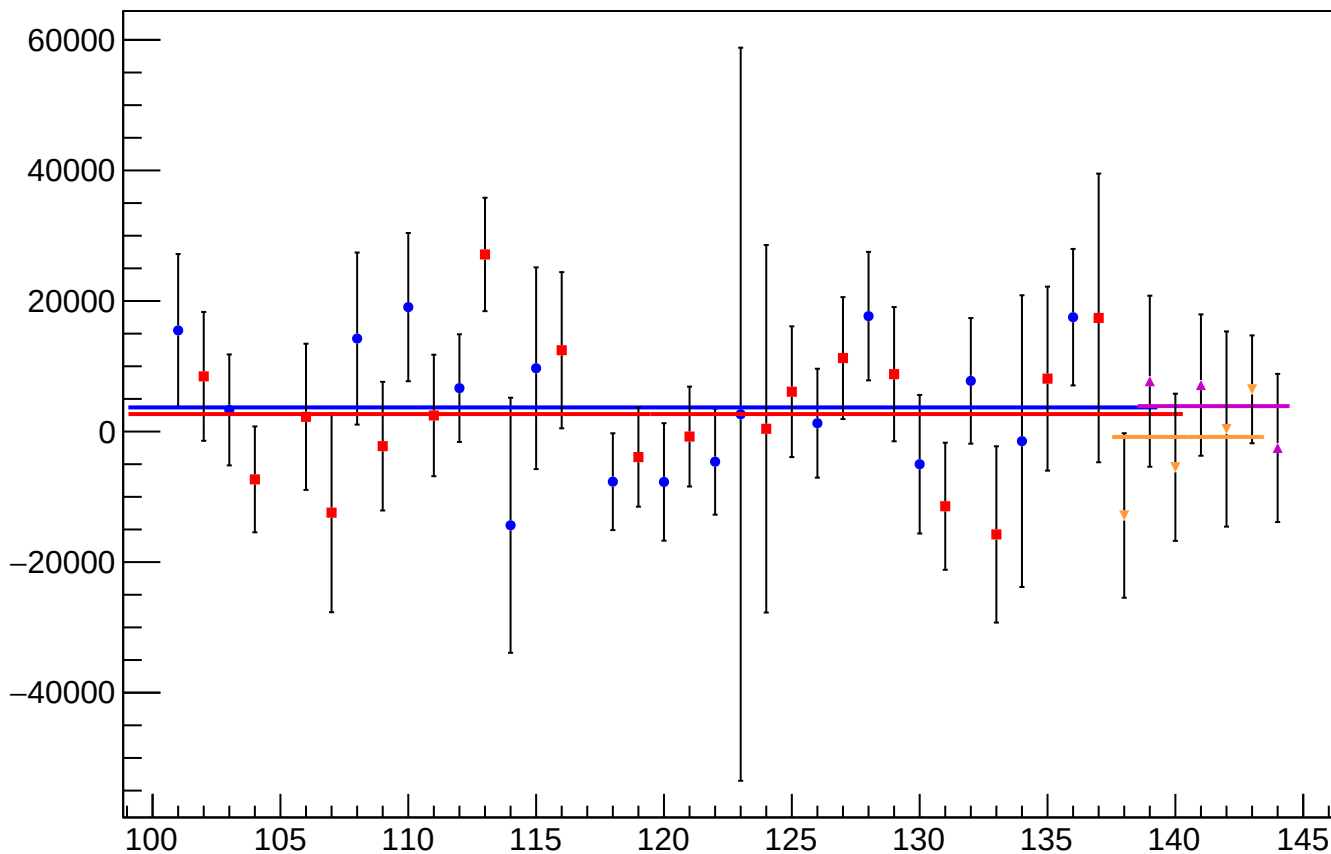
Out: 908.698+/-0.415

χ^2/NDF : 14668336.7/21

All: 1091.067+/-0.365

χ^2/NDF : 28849697.2/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -826.542+/-5481.113 χ^2/NDF : 1.9/3

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: 1058.787+/-4248.179 χ^2/NDF : 2.7/6

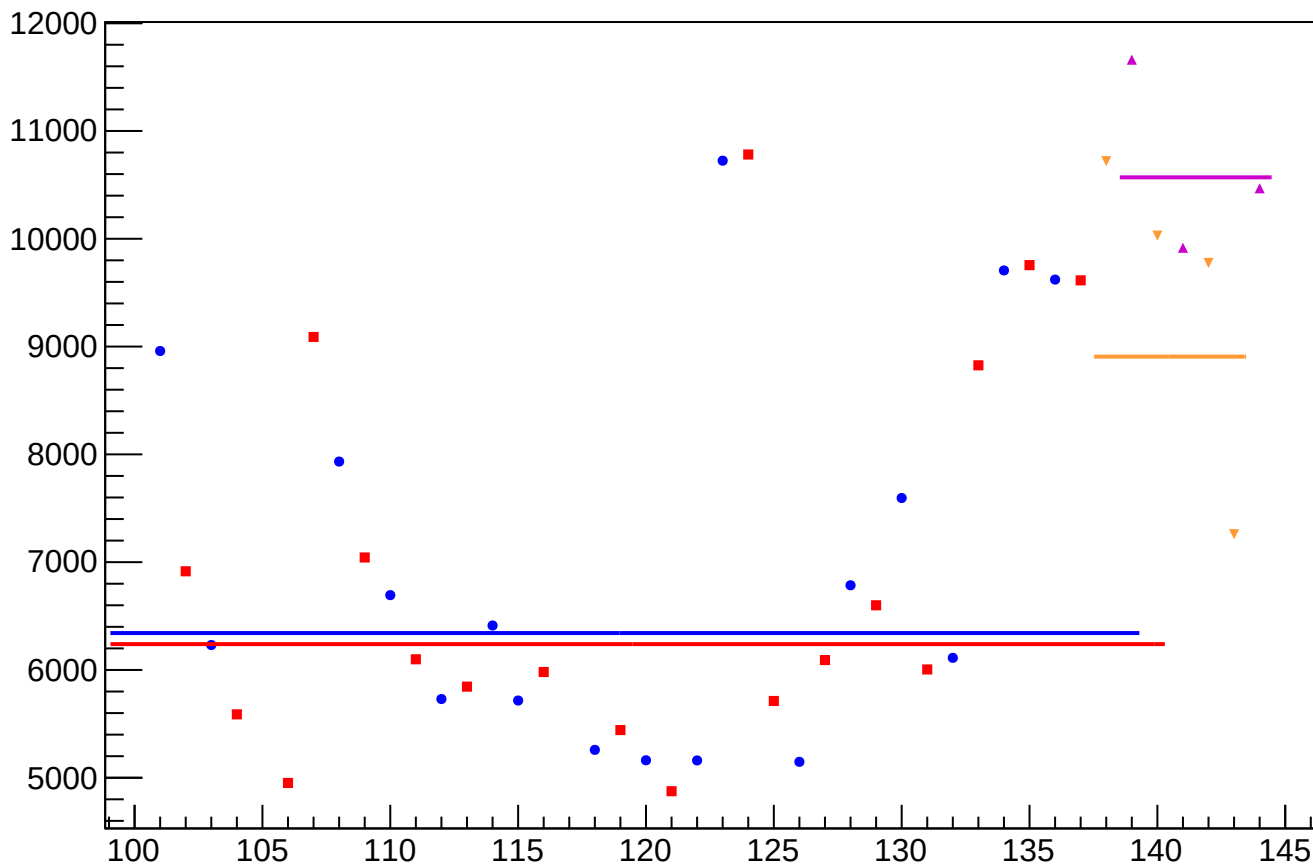
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

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

Out: 2104.103+/-2220.438 χ^2/NDF : 20.7/21

All: 2864.790+/-1616.529 χ^2/NDF : 35.9/41

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2/NDF : 593668.9/16

Left Out: 8906.713 $\pm$ 3.876 χ^2/NDF :147519.9/3

Right Out: 6239.726 $\pm$ 1.717 χ^2/NDF : 529243.7/17

Left In: 10569.960 $\pm$ 4.754 χ^2/NDF :21325.5/2

Left: 9570.823 $\pm$ 3.004 χ^2/NDF : 242379.5/6

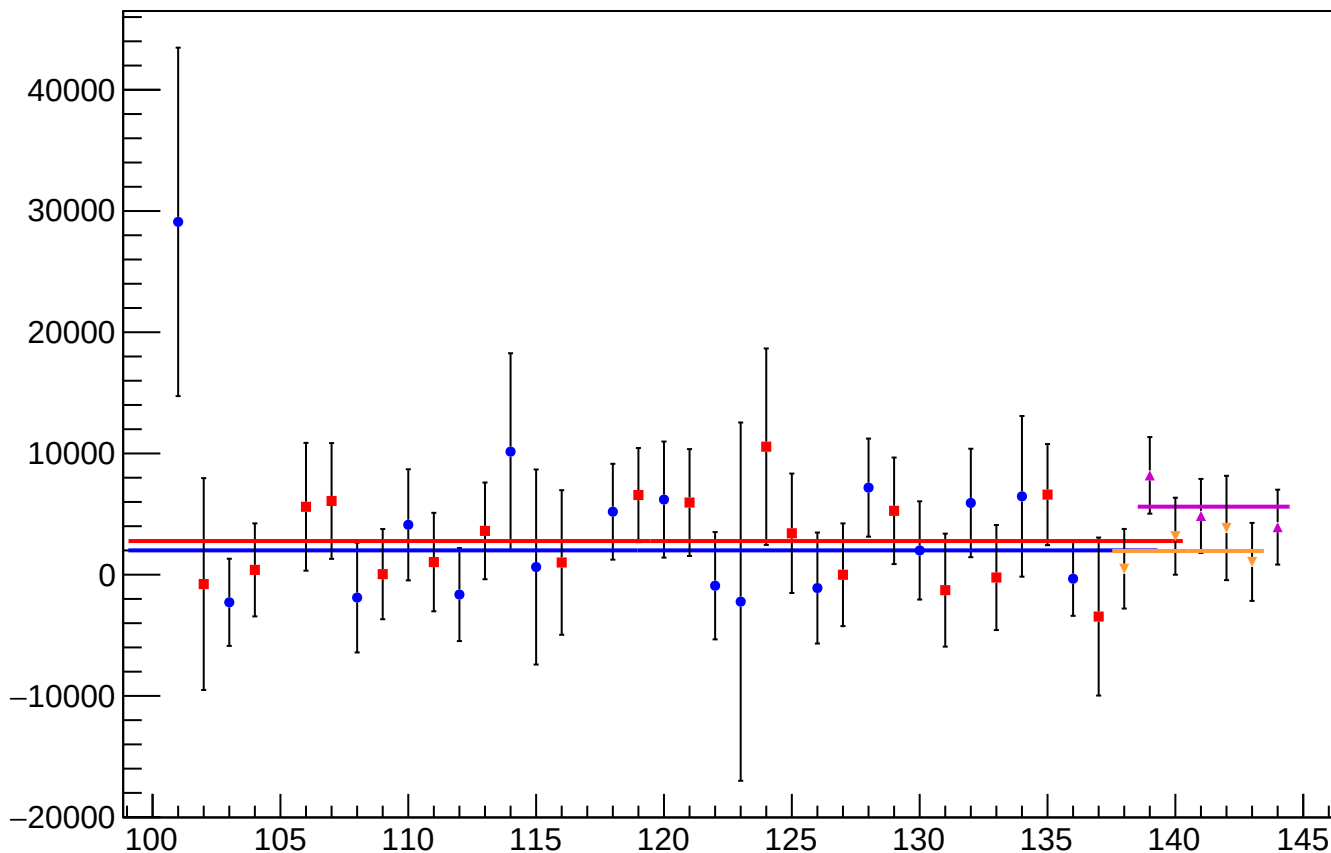
Right: 6289.173 $\pm$ 1.236 χ^2/NDF : 1124633.0/34

In: 6862.391 $\pm$ 1.667 χ^2/NDF :1308570.9/19

Out: 6677.376 $\pm$ 1.570 χ^2/NDF :1072575.8/21

All: 6764.327 $\pm$ 1.143 χ^2/NDF : 2387673.0/41

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 1957.011+/-1708.494 χ^2/NDF : 0.6/3

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 5611.099+/-1789.254 χ^2/NDF : 1.0/2

Left: 3699.731+/-1235.652 χ^2/NDF : 3.8/6

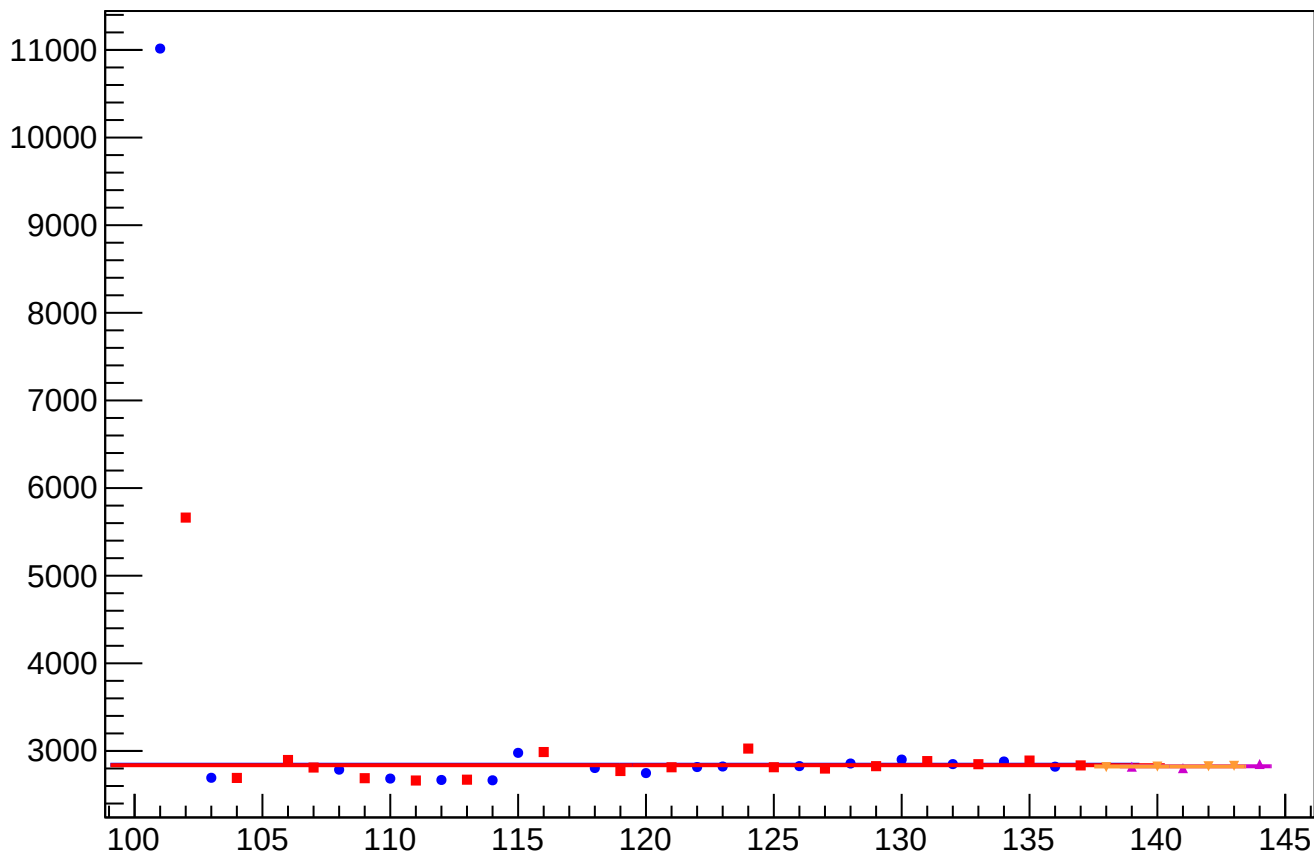
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 3026.963+/-952.650 χ^2/NDF : 17.6/19

Out: 2540.096+/-917.001 χ^2/NDF : 9.1/21

All: 2774.250+/-660.661 χ^2/NDF : 26.9/41

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2822.890+/-1.208 χ^2/NDF :20.7/3

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: 2823.974+/-0.874 χ^2/NDF : 263.2/6

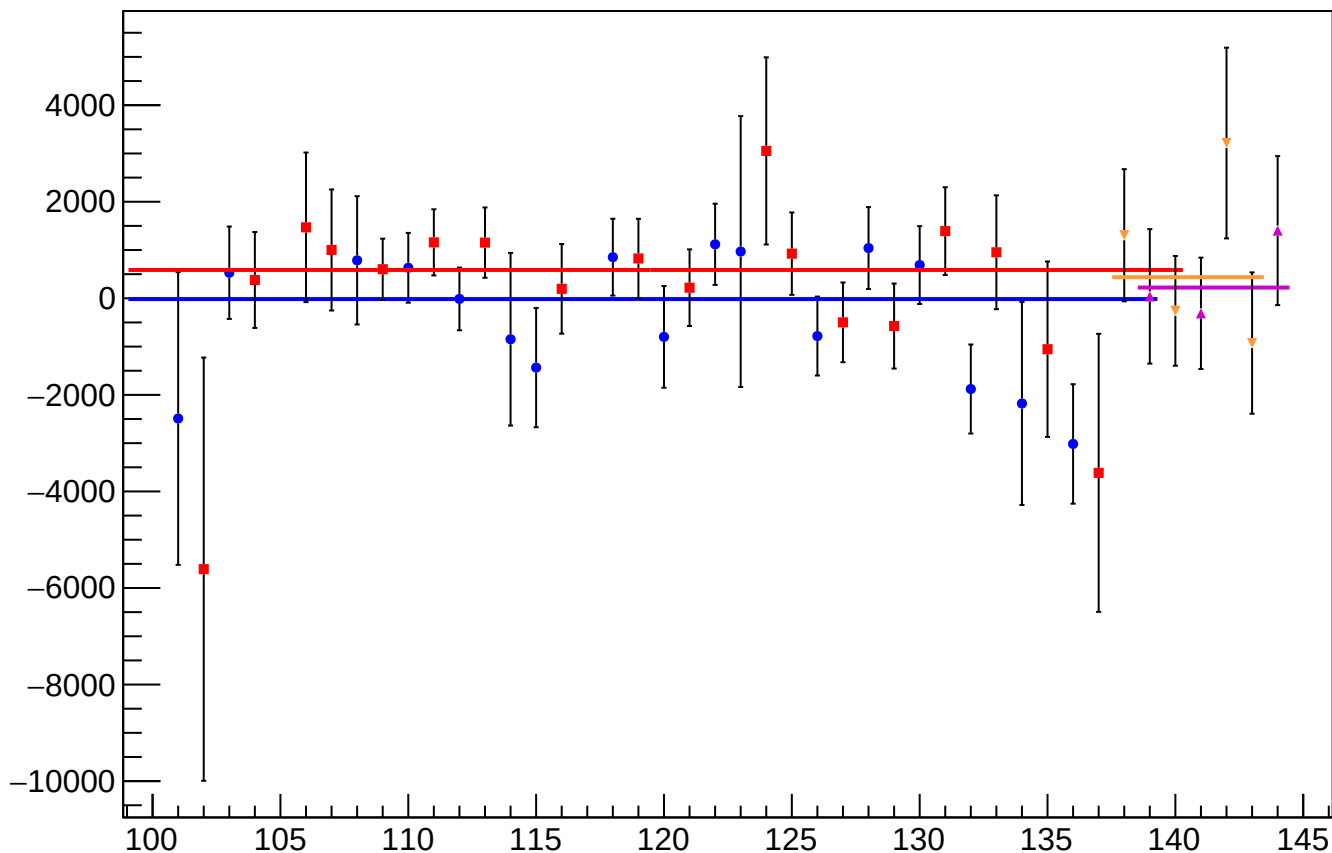
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

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

Out: 2833.248+/-0.648 χ^2/NDF :226545.9/21

All: 2835.378+/-0.467 χ^2/NDF : 887250.8/41

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: 437.646 ± 701.726 χ^2/NDF : 3.6/3

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: 340.175 ± 518.600 χ^2/NDF : 4.5/6

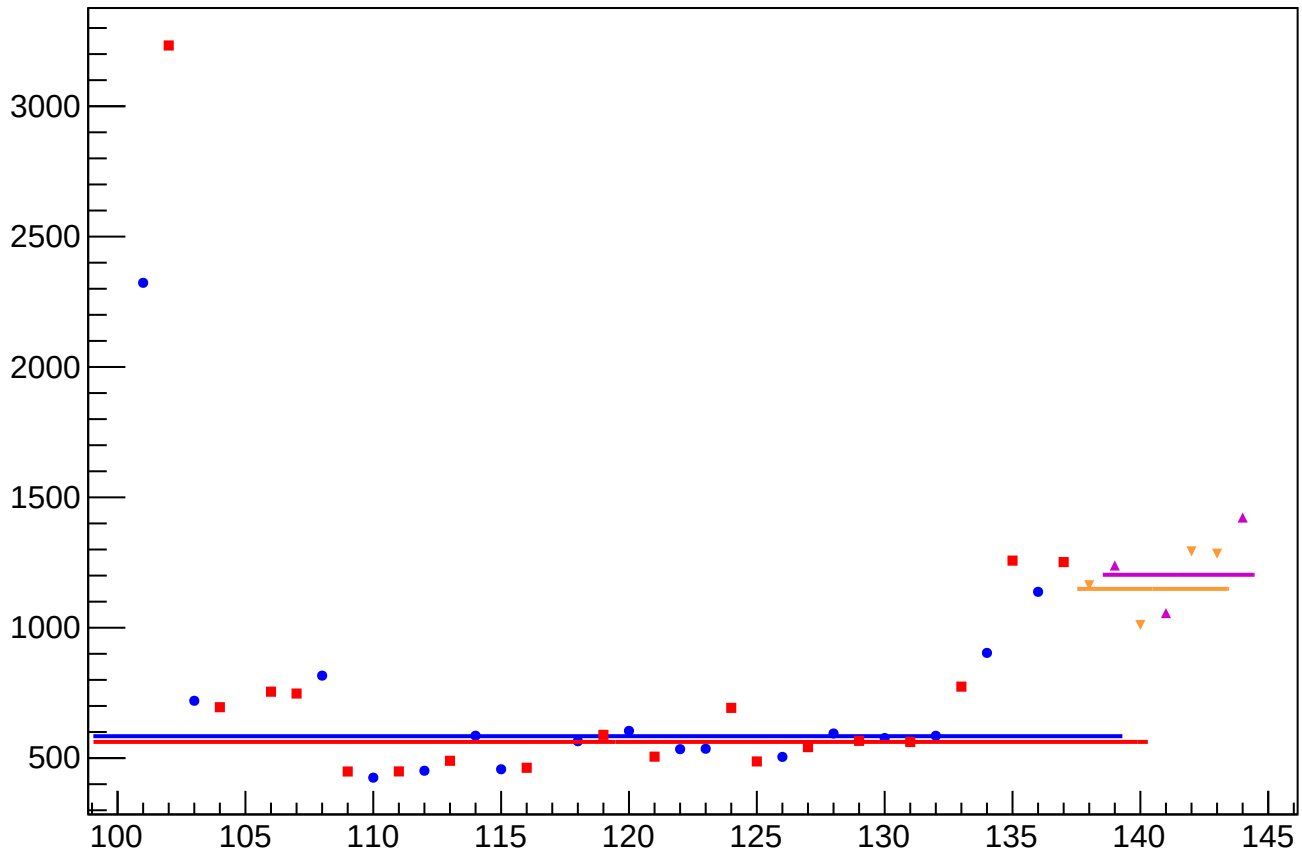
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: 5.315 ± 228.133 χ^2/NDF : 22.5/19

Out: 573.537 ± 214.956 χ^2/NDF : 17.0/21

All: 306.309 ± 156.448 χ^2/NDF : 42.8/41

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 1149.030+/-0.496 χ^2/NDF : 57489.9/3

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: 1173.557+/-0.367 χ^2/NDF : 137082.4/6

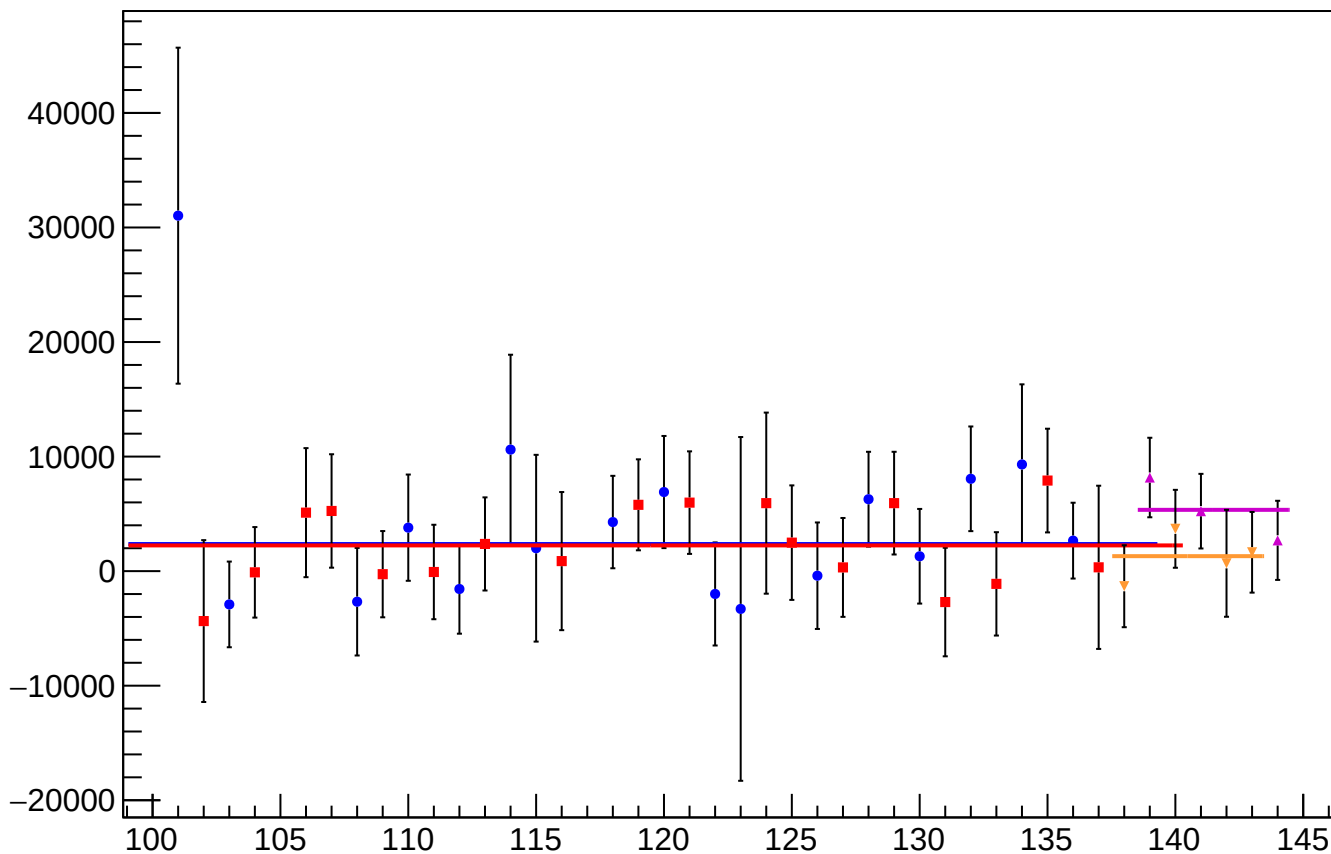
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

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

Out: 617.194+/-0.152 χ^2/NDF : 2850566.4/21

All: 627.176+/-0.111 χ^2/NDF : 5550181.1/41

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1307.288 $\pm$ 1853.299 χ^2 /NDF: 1.1/3

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 5350.524 $\pm$ 1956.991 χ^2 /NDF: 1.3/2

Left: 3218.955 $\pm$ 1345.645 χ^2 /NDF: 4.6/6

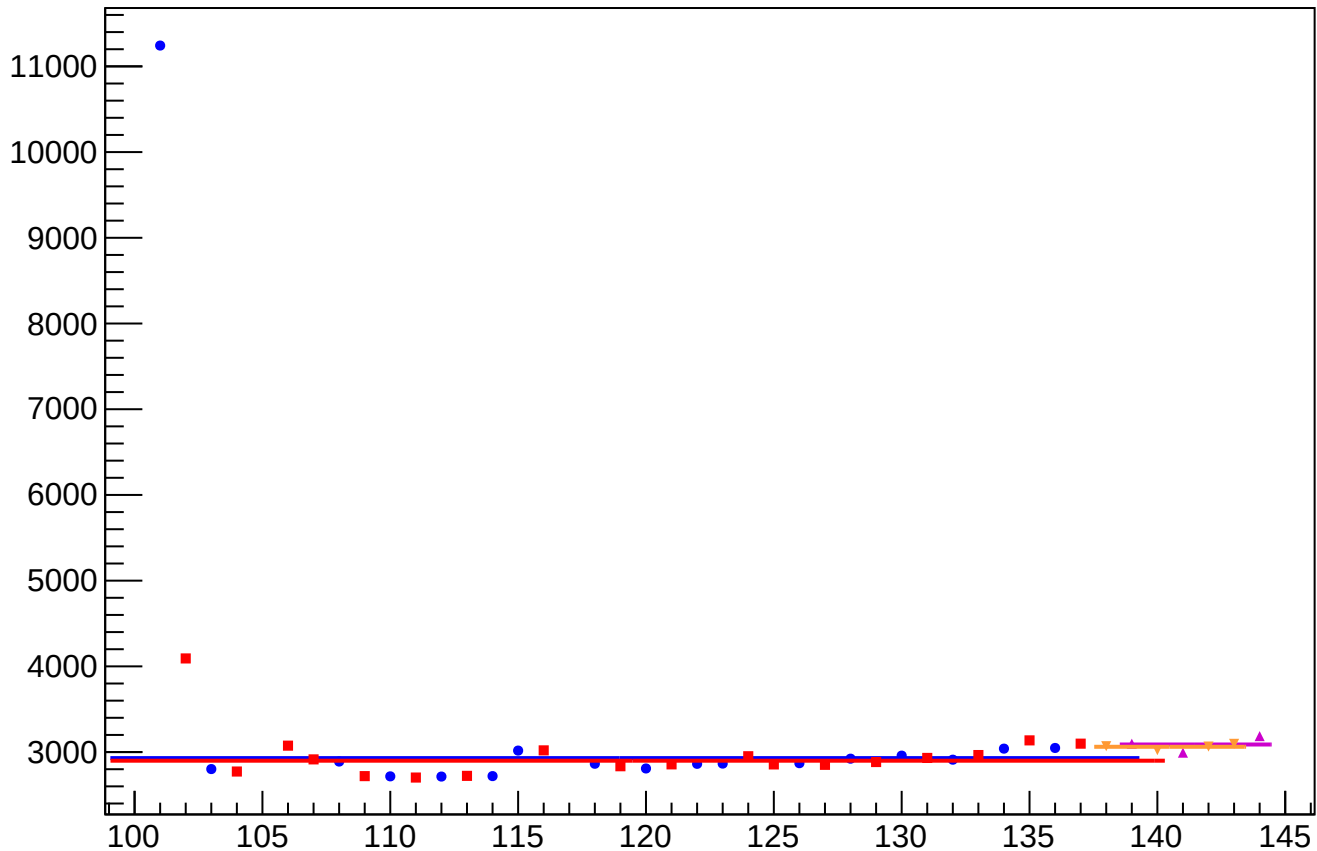
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3139.546 $\pm$ 997.835 χ^2 /NDF: 18.1/19

Out: 1997.098 $\pm$ 953.486 χ^2 /NDF: 9.8/21

All: 2542.371 $\pm$ 689.362 χ^2 /NDF: 28.5/41

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3061.745+/-1.310 χ^2/NDF : 465.6/3

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: 3074.361+/-0.952 χ^2/NDF : 3984.9/6

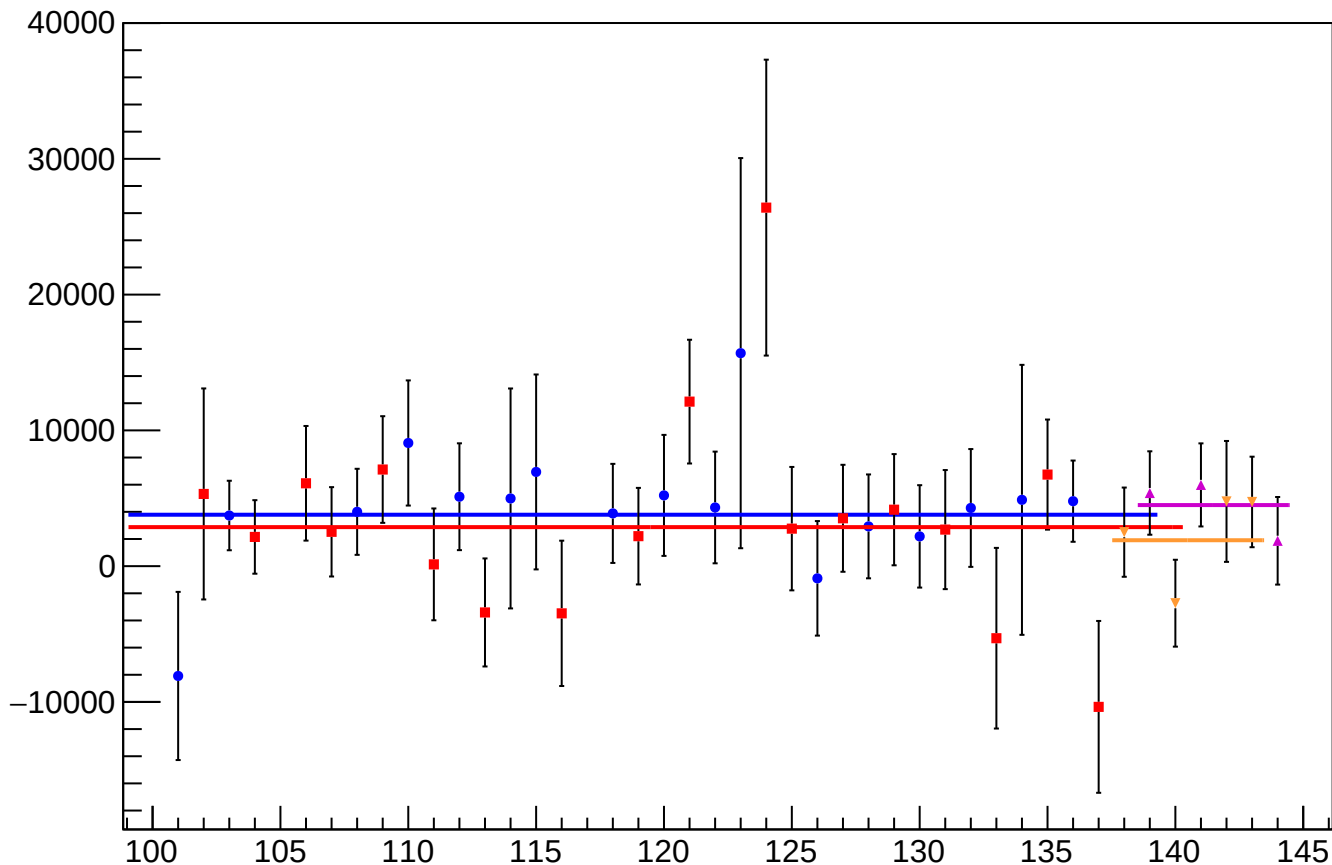
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

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

Out: 2942.394+/-0.674 χ^2/NDF : 95289.1/21

All: 2956.014+/-0.487 χ^2/NDF : 771838.6/41

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1908.773+/-1738.776 χ^2/NDF : 3.3/3

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 4498.523+/-1799.264 χ^2/NDF : 1.0/2

Left: 3159.385+/-1250.338 χ^2/NDF : 5.3/6

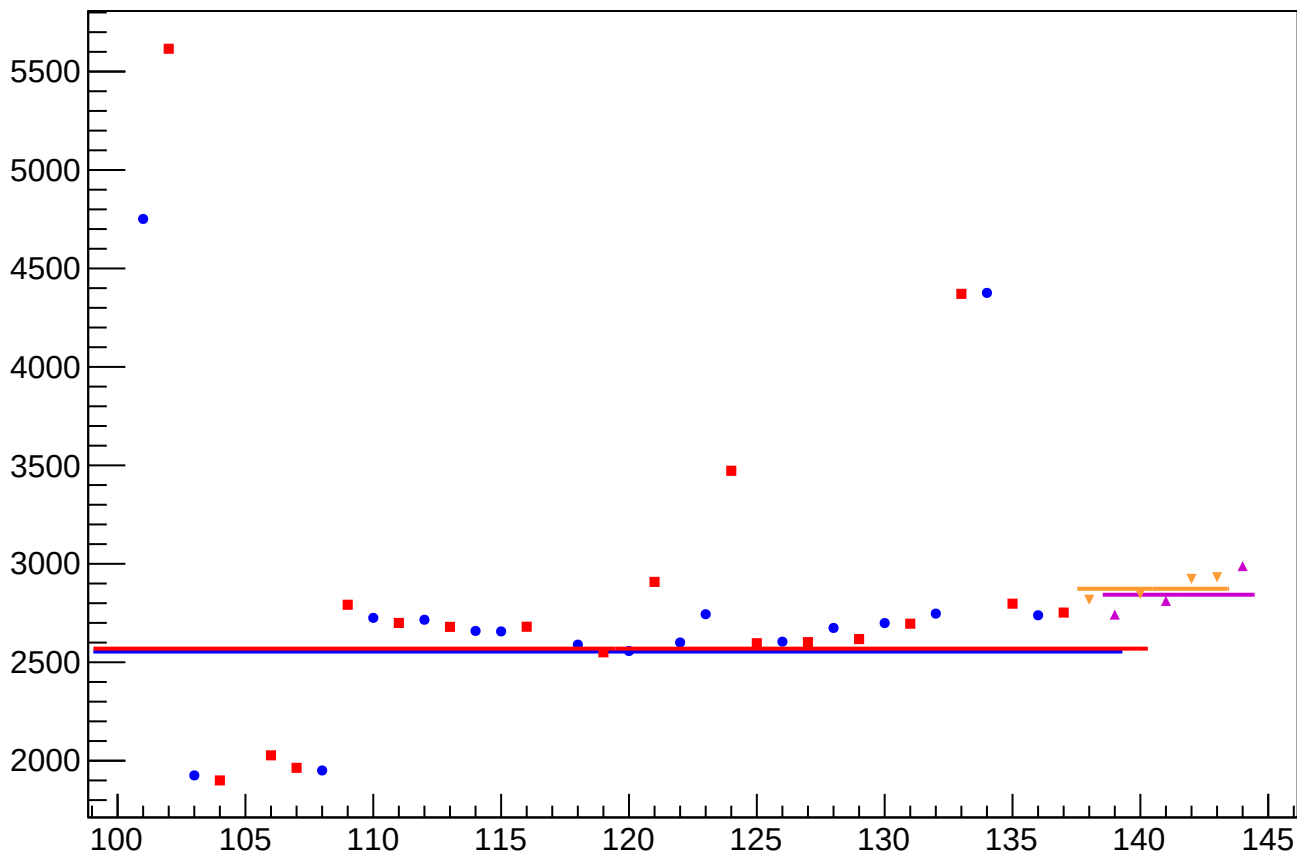
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3957.640+/-879.480 χ^2/NDF : 8.8/19

Out: 2633.142+/-869.514 χ^2/NDF : 25.5/21

All: 3287.844+/-618.333 χ^2/NDF : 35.5/41

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2873.320 $\pm$ 1.230 χ^2 /NDF:1592.0/3

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: 2858.657 $\pm$ 0.884 χ^2 /NDF: 8329.2/6

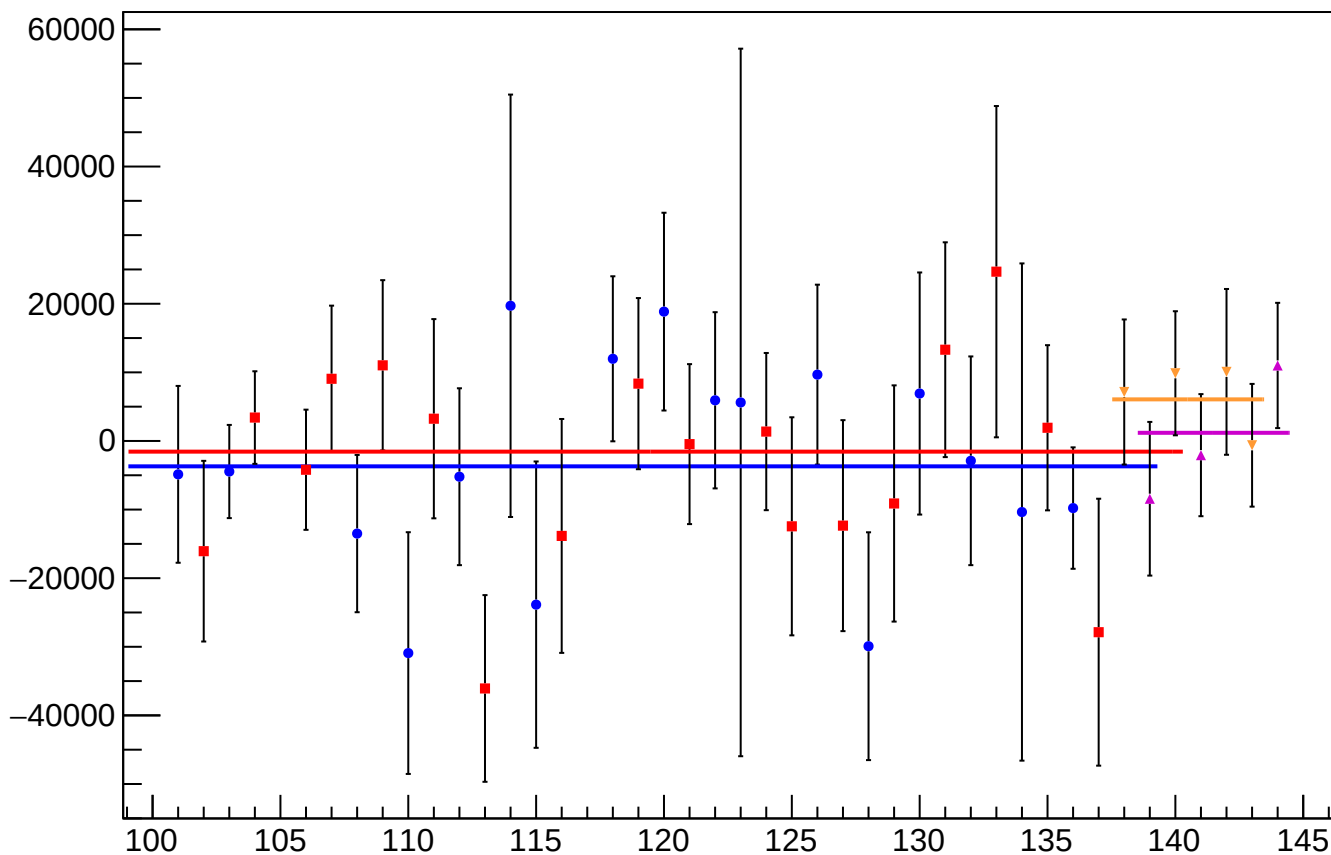
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

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

Out: 2645.248 $\pm$ 0.615 χ^2 /NDF:770799.4/21

All: 2634.475 $\pm$ 0.437 χ^2 /NDF: 1353602.6/41

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 6062.090+/-4967.497 χ^2/NDF : 0.9/3

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: 3889.381+/-3697.918 χ^2/NDF : 3.3/6

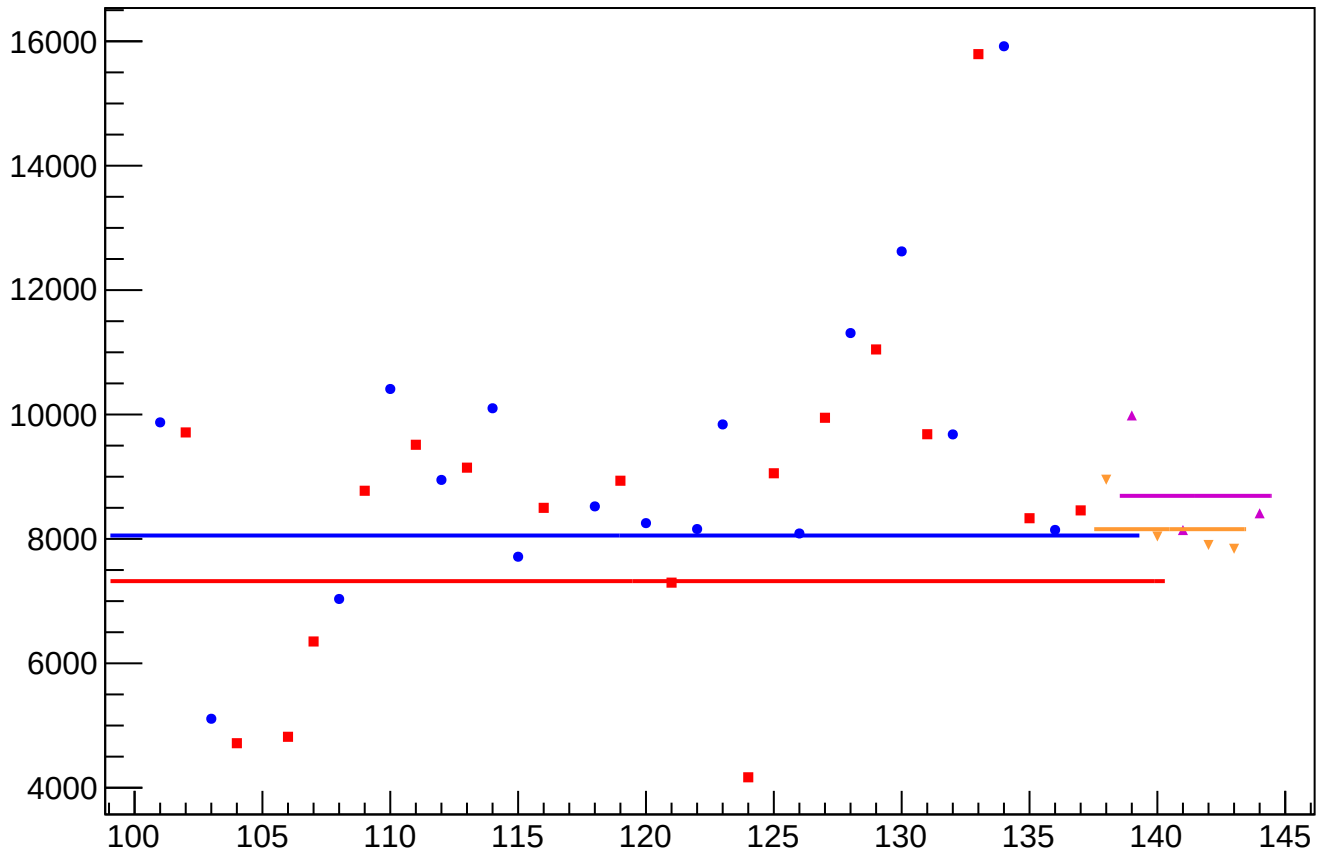
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

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

Out: 392.350+/-2512.024 χ^2/NDF : 19.4/21

All: -891.192+/-1864.519 χ^2/NDF : 36.4/41

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 8156.660 $\pm$ 3.513 χ^2/NDF :15019.9/3

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: 8395.575 $\pm$ 2.615 χ^2/NDF : 61567.1/6

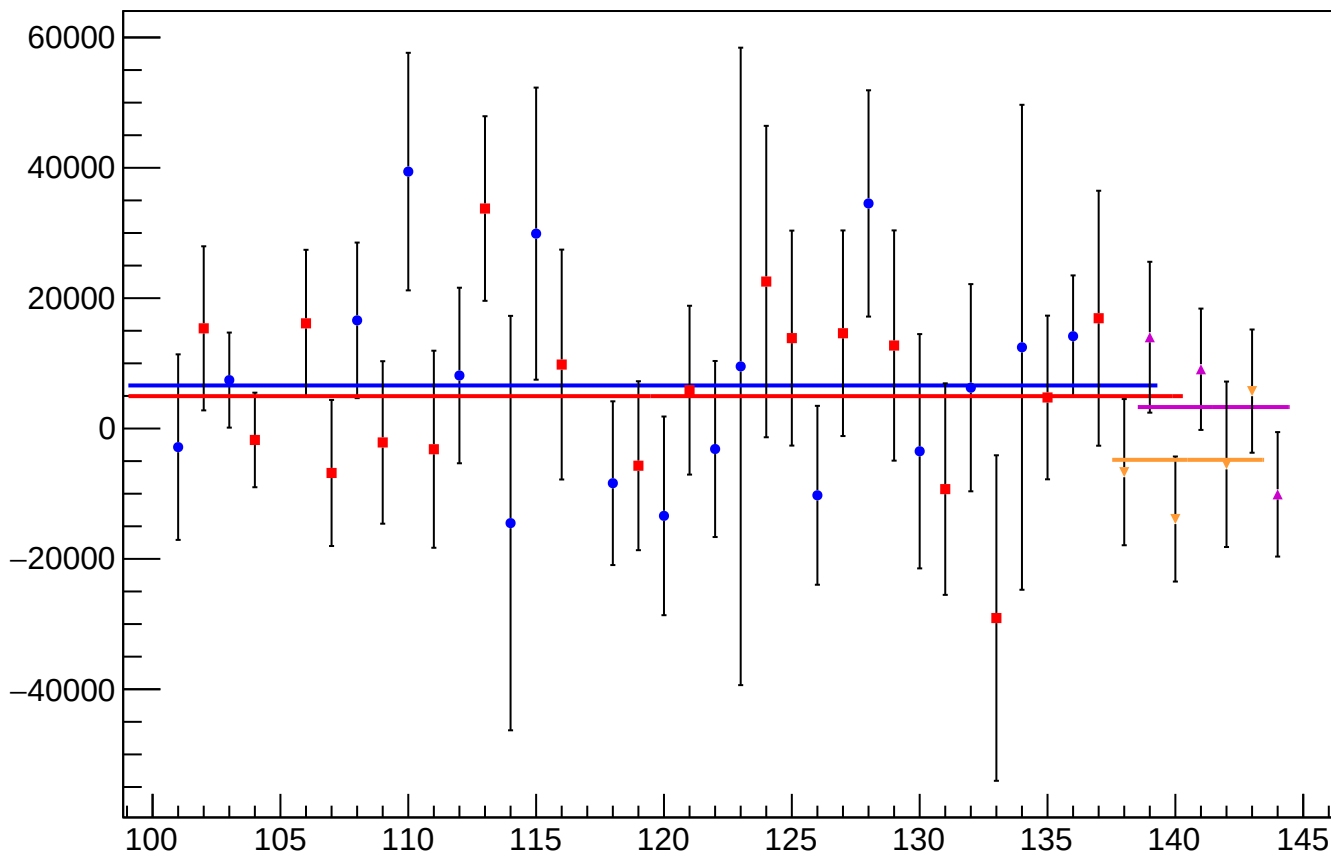
Right: 7651.572 $\pm$ 1.527 χ^2/NDF : 2213832.0/34

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

Out: 7535.017 $\pm$ 1.776 χ^2/NDF :1393058.9/21

All: 7840.717 $\pm$ 1.318 χ^2/NDF : 2335776.1/41

asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: -4803.006+/-5254.922 χ^2/NDF : 2.2/3

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: -1135.005+/-3886.948 χ^2/NDF : 6.5/6

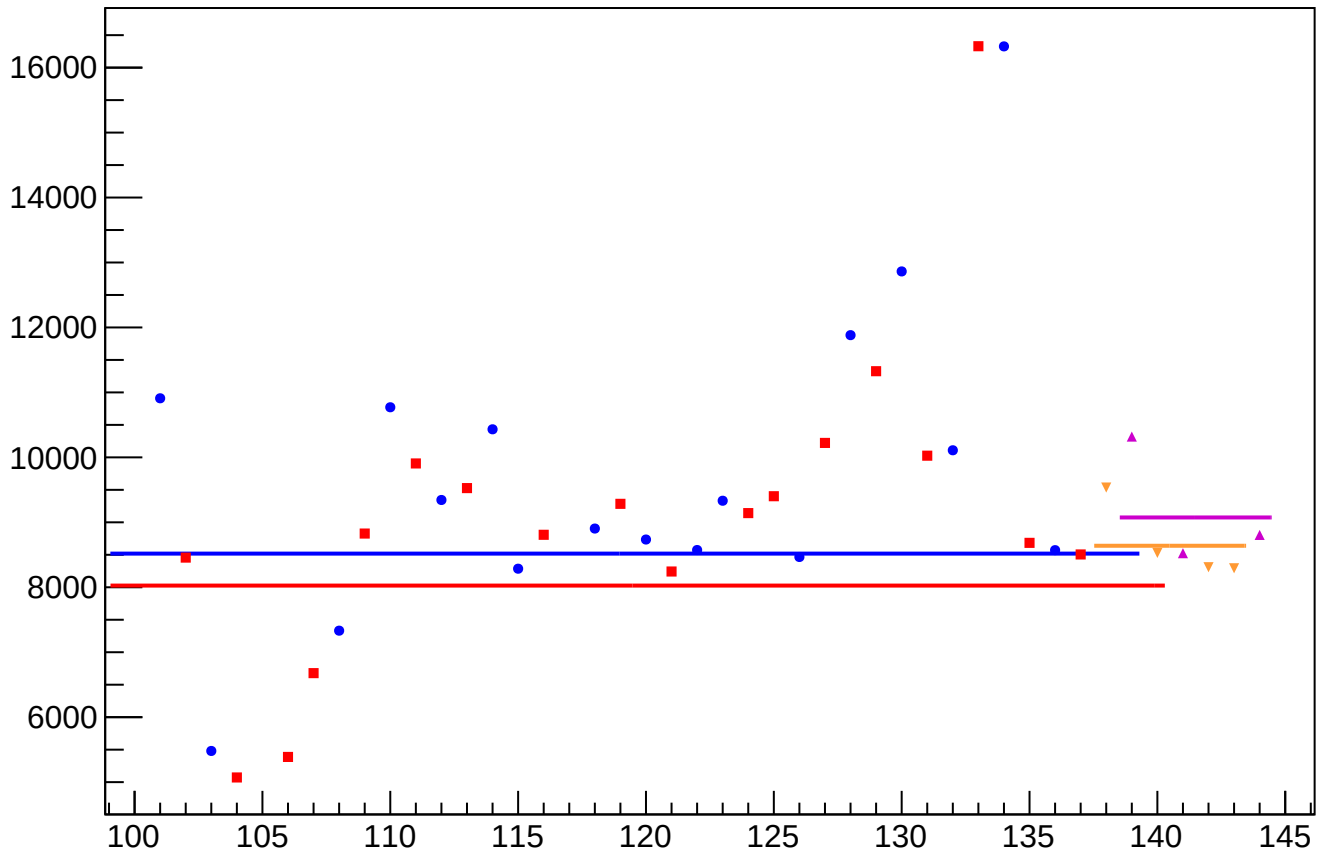
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

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

Out: 2352.570+/-2718.667 χ^2/NDF : 18.2/21

All: 3929.013+/-1992.095 χ^2/NDF : 37.1/41

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8639.115+/-3.716 χ^2/NDF : 17081.5/3

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9074.726+/-4.084 χ^2/NDF : 31724.3/2

Left: 8836.393+/-2.748 χ^2/NDF : 55029.8/6

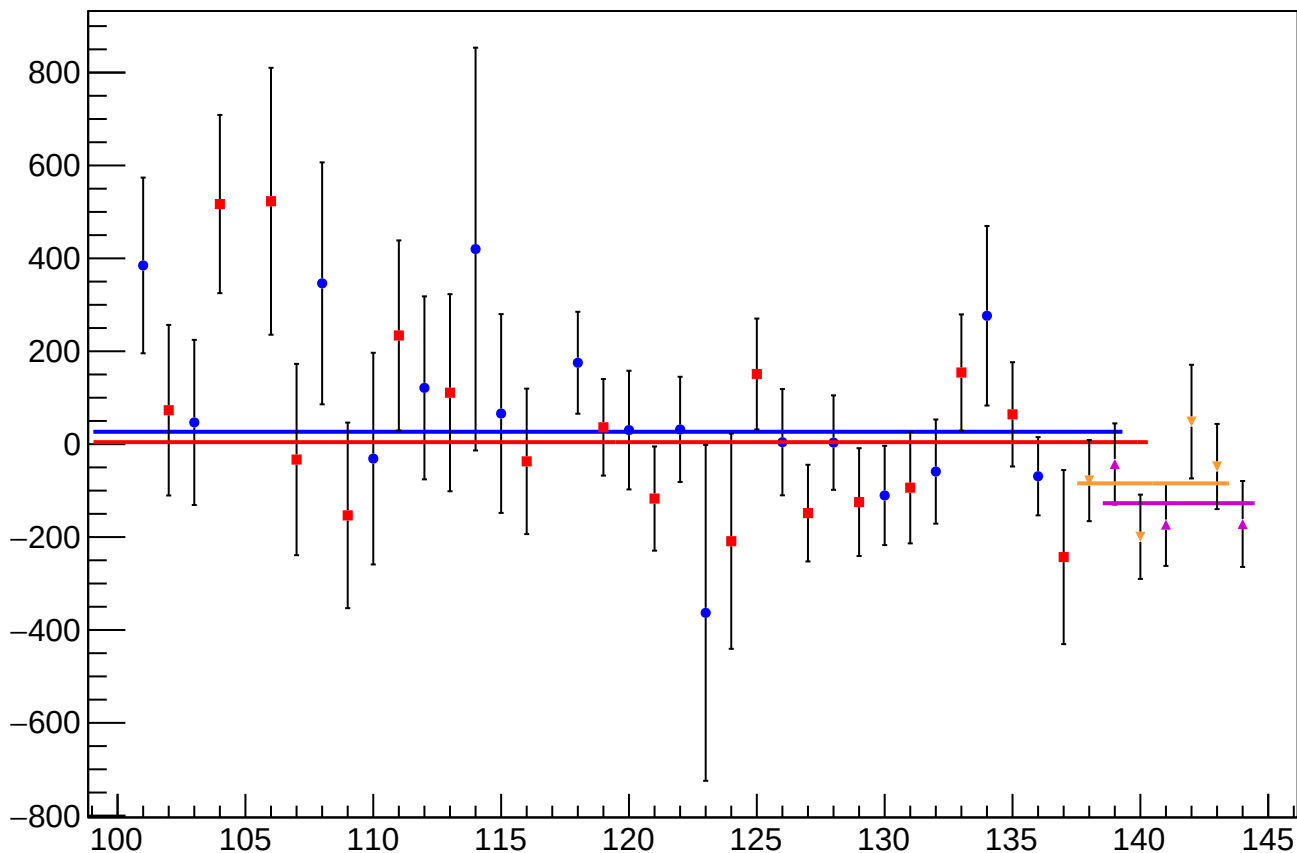
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8661.213+/-2.070 χ^2/NDF : 817514.0/19

Out: 8190.129+/-1.922 χ^2/NDF : 979675.4/21

All: 8408.273+/-1.409 χ^2/NDF : 1824998.2/41

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -84.354 ± 47.776 $\chi^2/\text{NDF}: 2.9/3$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -127.056 ± 51.690 $\chi^2/\text{NDF}: 1.4/2$

Left: -104.027 ± 35.085 $\chi^2/\text{NDF}: 4.8/6$

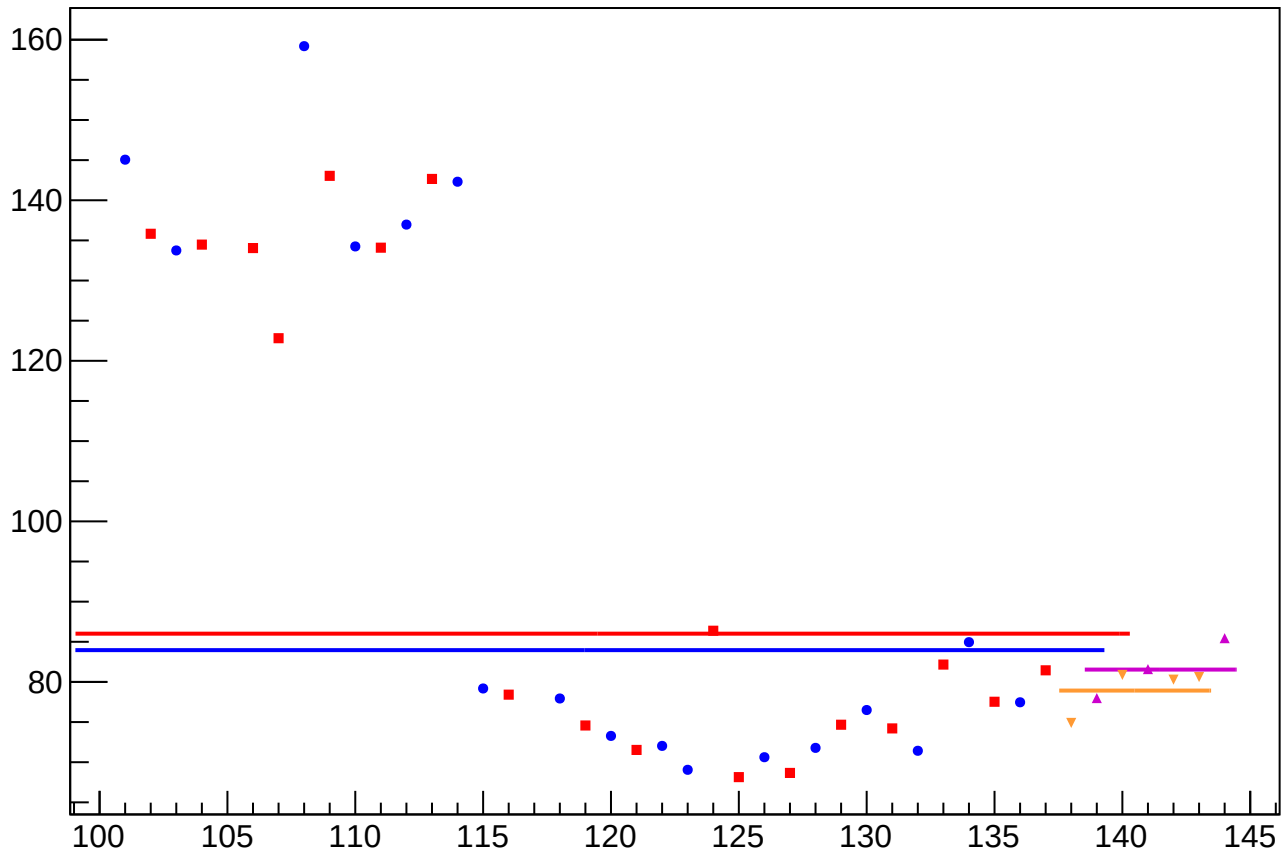
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -19.011 ± 28.187 $\chi^2/\text{NDF}: 22.2/19$

Out: -25.295 ± 27.616 $\chi^2/\text{NDF}: 29.2/21$

All: -22.217 ± 19.726 $\chi^2/\text{NDF}: 51.4/41$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 78.924 $\pm$ 0.034 χ^2 /NDF: 6098.7/3

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: 80.128 $\pm$ 0.025 χ^2 /NDF: 15733.9/6

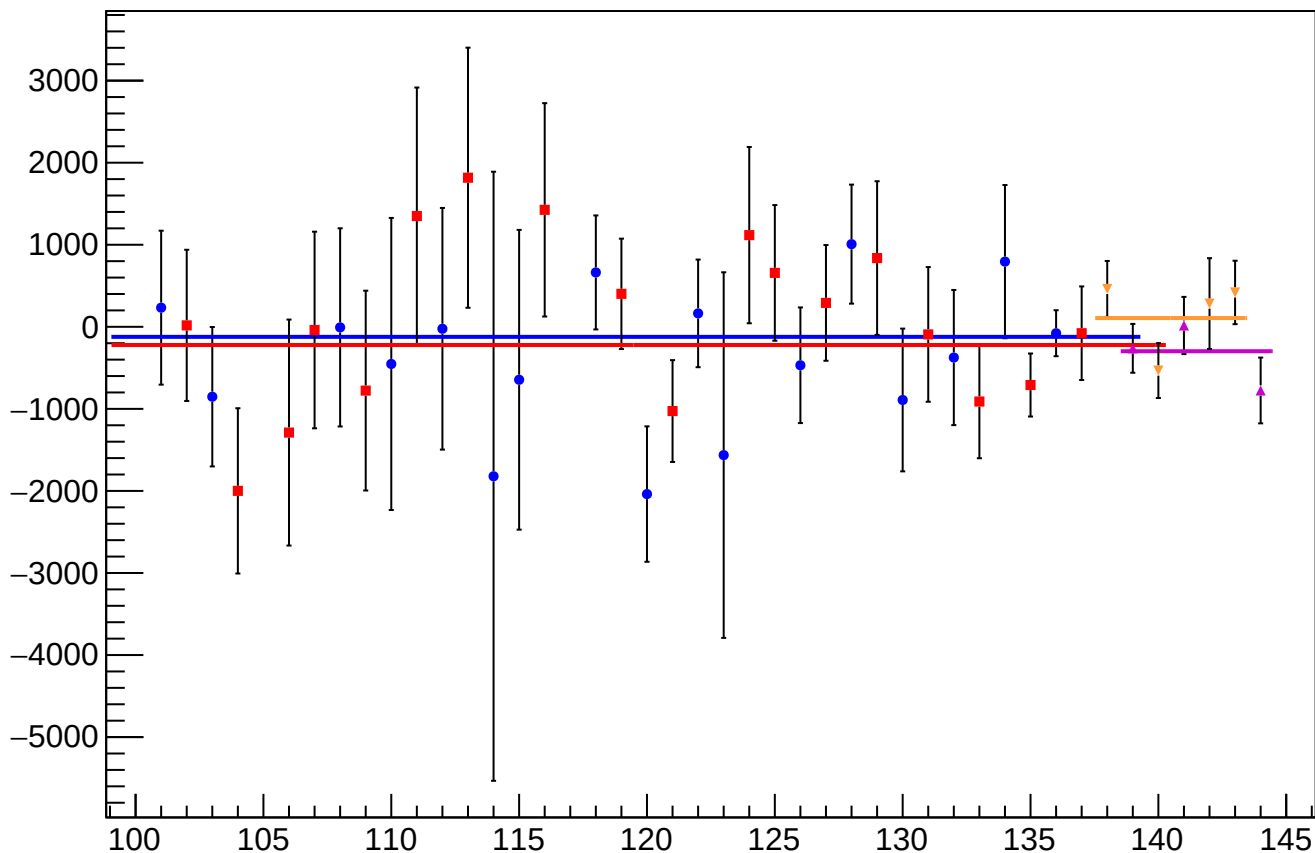
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

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

Out: 83.644 $\pm$ 0.020 χ^2 /NDF: 1061817.6/21

All: 83.446 $\pm$ 0.014 χ^2 /NDF: 2032246.3/41

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 106.776 ± 190.726 $\chi^2/\text{NDF}: 5.5/3$

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: -88.752 ± 137.034 $\chi^2/\text{NDF}: 9.9/6$

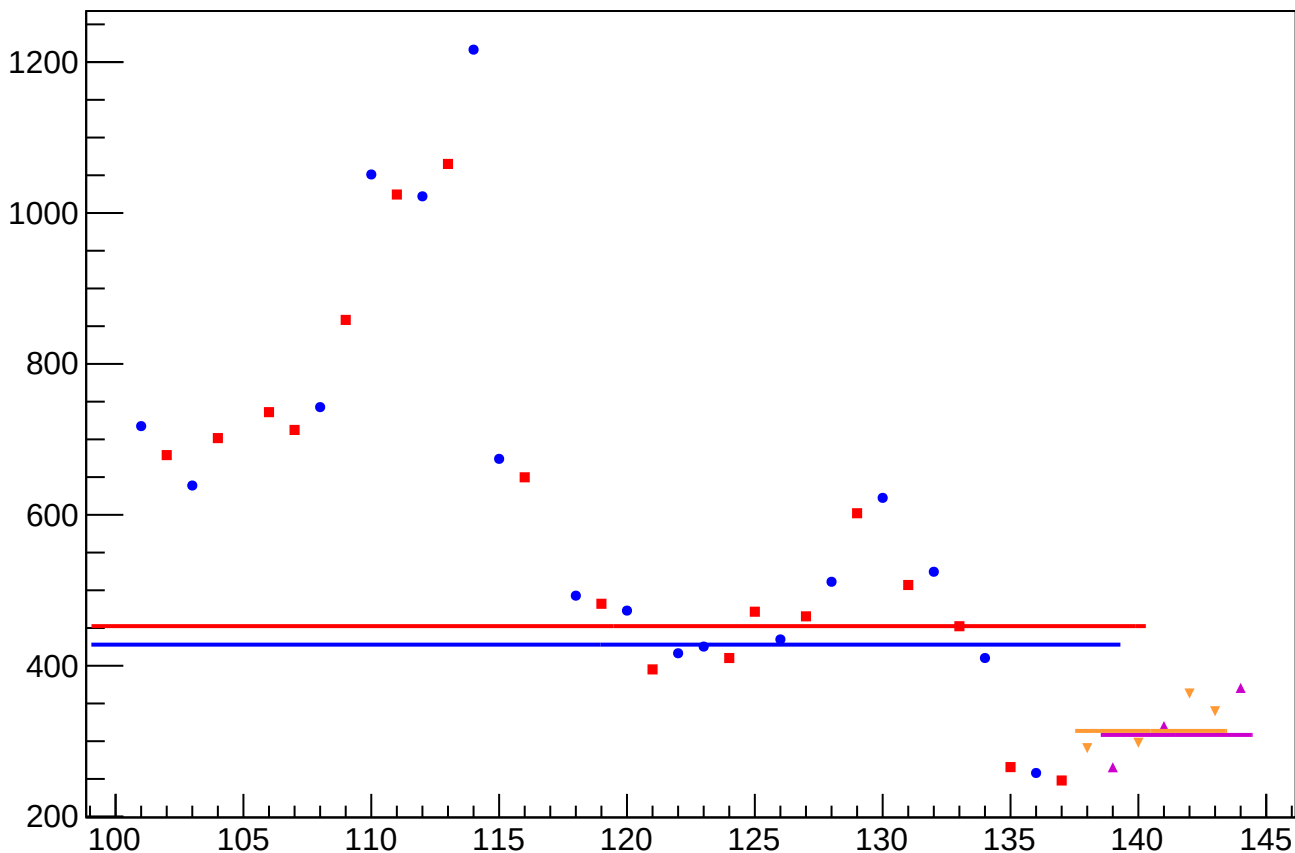
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

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

Out: -62.290 ± 132.829 $\chi^2/\text{NDF}: 25.0/21$

All: -132.111 ± 93.887 $\chi^2/\text{NDF}: 41.3/41$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 313.624 $\pm$ 0.135 χ^2 /NDF:38516.2/3

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 308.335 $\pm$ 0.139 χ^2 /NDF:92141.2/2

Left: 311.065 $\pm$ 0.097 χ^2 /NDF: 131401.4/6

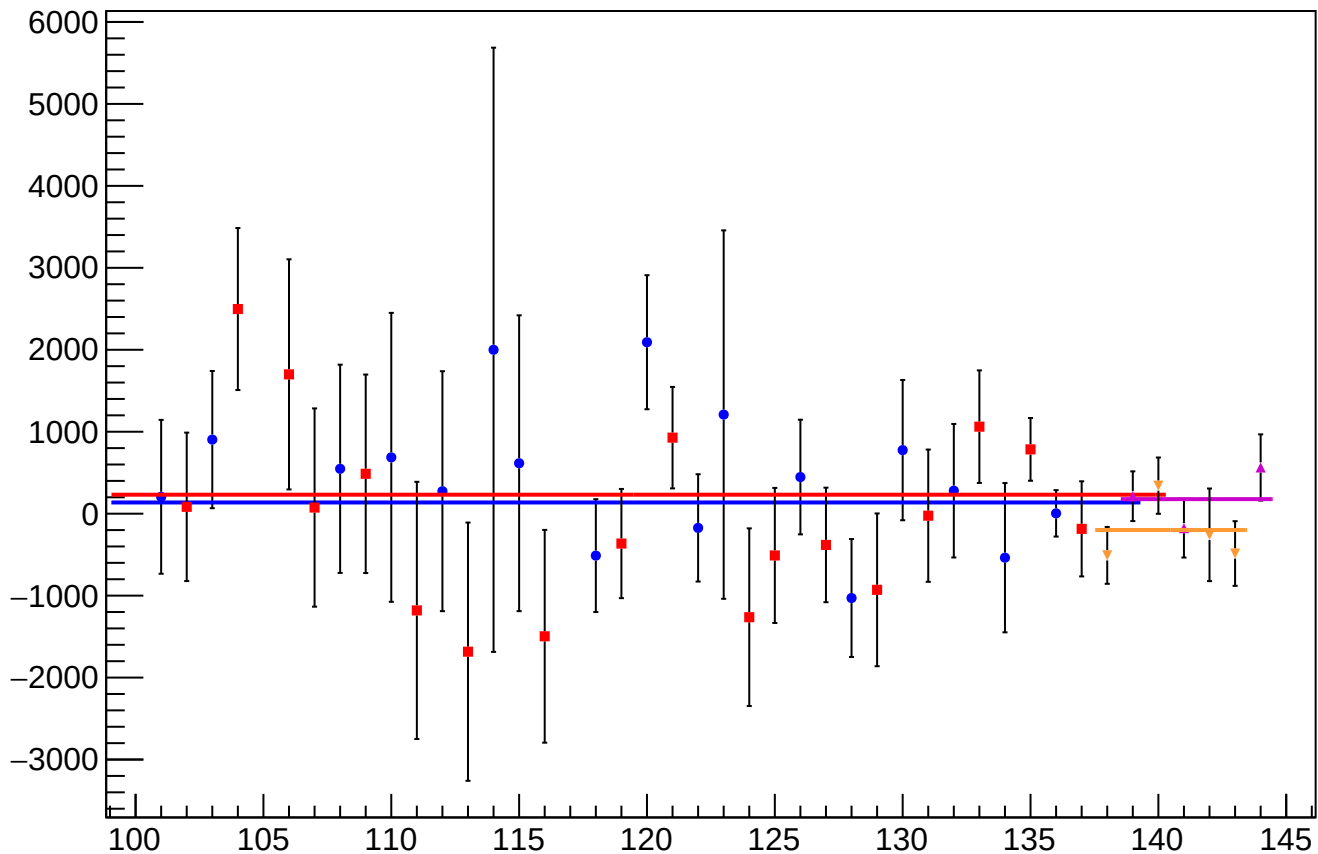
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 373.686 $\pm$ 0.094 χ^2 /NDF:2557278.7/19

Out: 385.145 $\pm$ 0.094 χ^2 /NDF:2657677.2/21

All: 379.411 $\pm$ 0.066 χ^2 /NDF: 5222404.1/41

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -199.394 ± 194.811 $\chi^2/\text{NDF}: 3.8/3$

Right Out: 231.586 ± 184.578 $\chi^2/\text{NDF}: 21.8/17$

Left In: 177.581 ± 200.957 $\chi^2/\text{NDF}: 1.9/2$

Left: -16.760 ± 139.875 $\chi^2/\text{NDF}: 7.5/6$

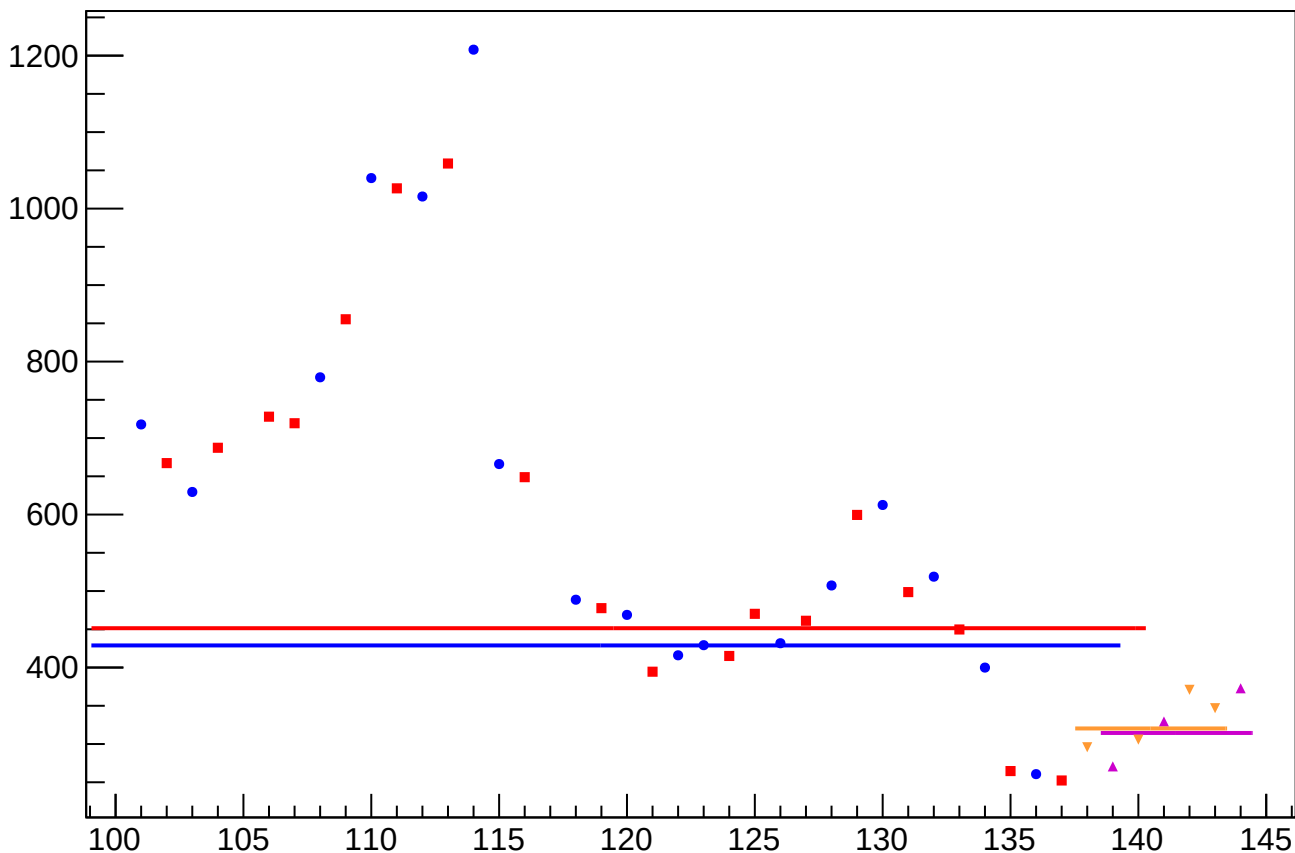
Right: 182.905 ± 128.724 $\chi^2/\text{NDF}: 34.5/34$

In: 154.916 ± 133.917 $\chi^2/\text{NDF}: 14.5/19$

Out: 27.712 ± 133.988 $\chi^2/\text{NDF}: 28.2/21$

All: 91.348 ± 94.719 $\chi^2/\text{NDF}: 43.2/41$

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 320.352 $\pm$ 0.138 χ^2 /NDF:38667.5/3

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 314.459 $\pm$ 0.142 χ^2 /NDF:86803.7/2

Left: 317.497 $\pm$ 0.099 χ^2 /NDF: 126357.8/6

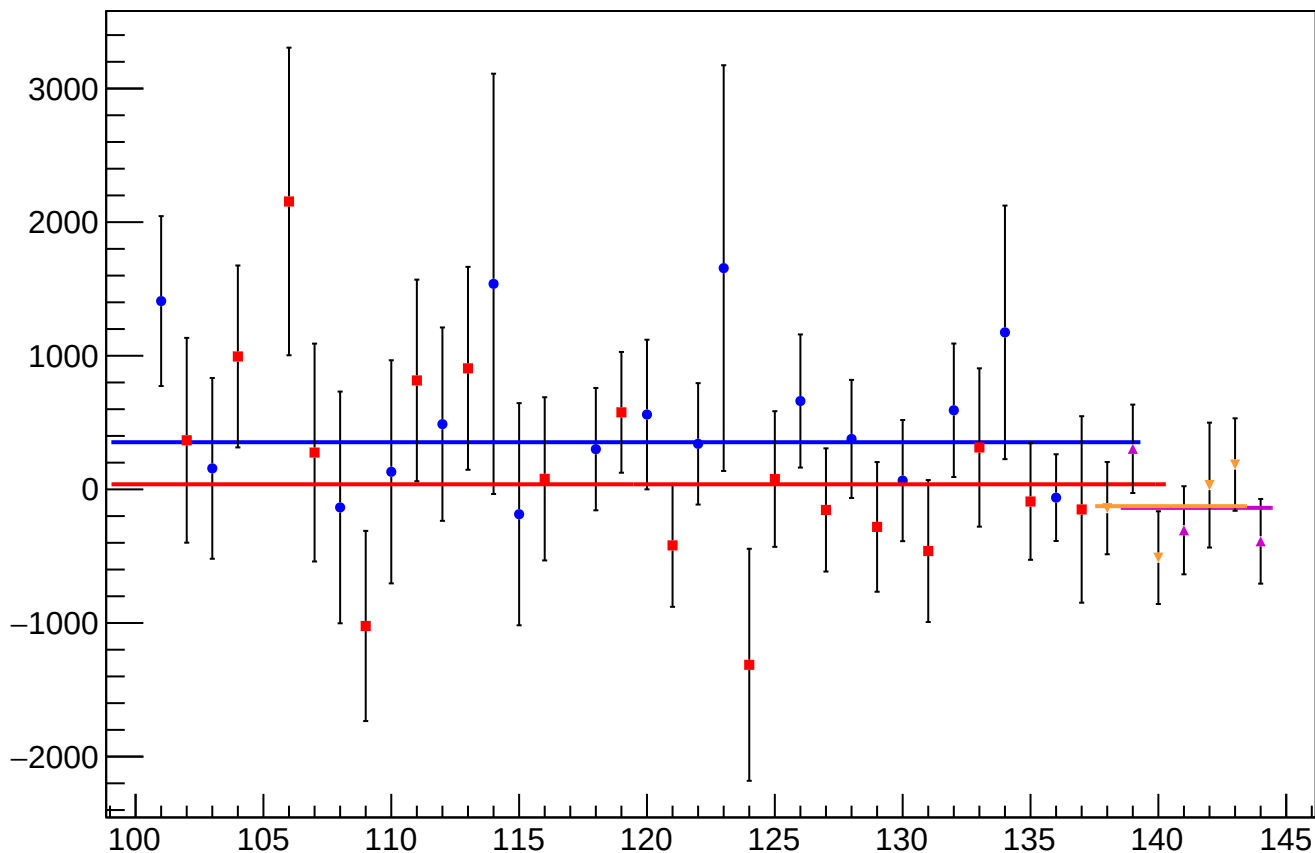
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 378.073 $\pm$ 0.095 χ^2 /NDF:2457906.9/19

Out: 389.414 $\pm$ 0.095 χ^2 /NDF:2546398.4/21

All: 383.740 $\pm$ 0.067 χ^2 /NDF: 5011472.8/41

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -125.668 ± 183.782 $\chi^2/\text{NDF}: 2.2/3$

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: -131.842 ± 131.428 $\chi^2/\text{NDF}: 4.8/6$

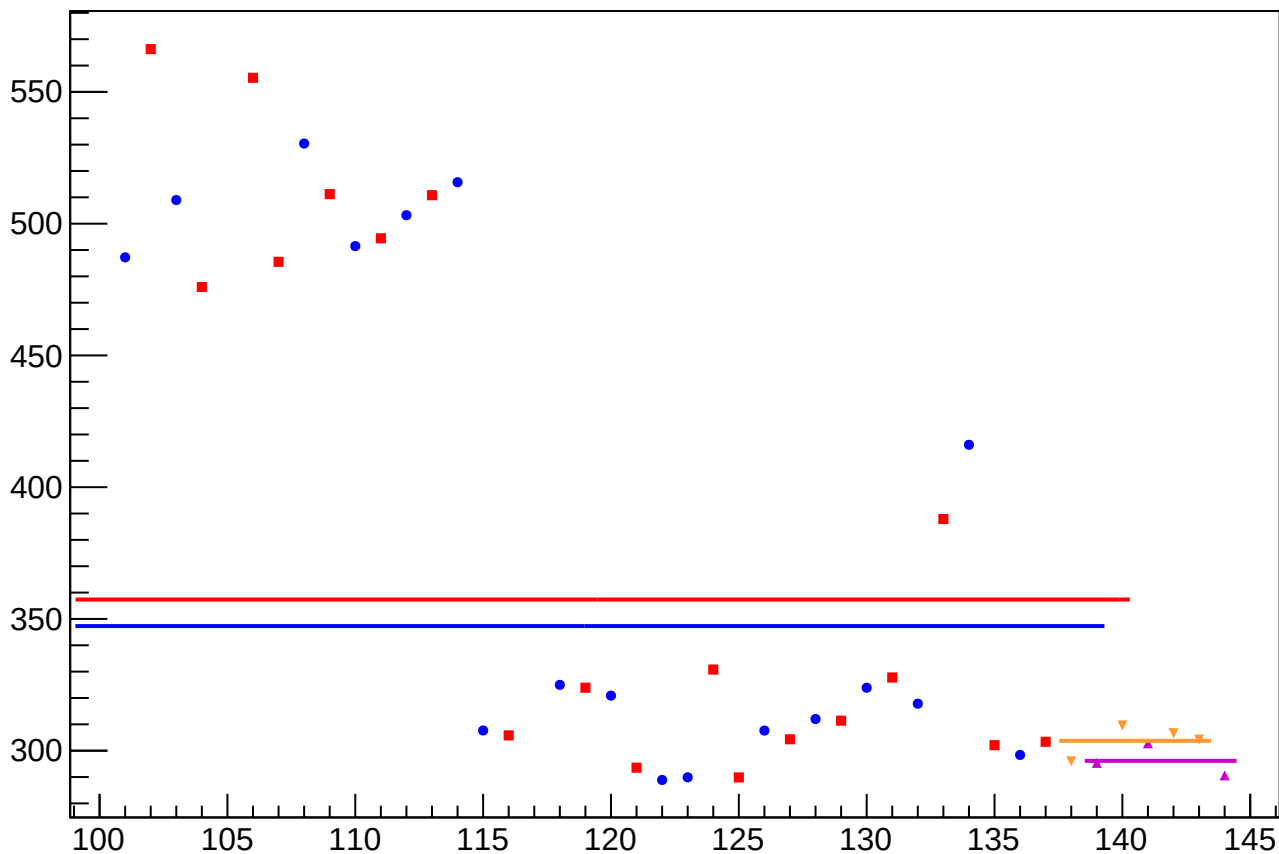
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 182.089 ± 110.882 $\chi^2/\text{NDF}: 15.7/19$

Out: -21.580 ± 110.874 $\chi^2/\text{NDF}: 19.6/21$

All: 80.247 ± 78.403 $\chi^2/\text{NDF}: 36.9/41$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 303.744 $\pm$ 0.130 χ^2 /NDF:1658.0/3

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: 300.028 $\pm$ 0.093 χ^2 /NDF: 4762.6/6

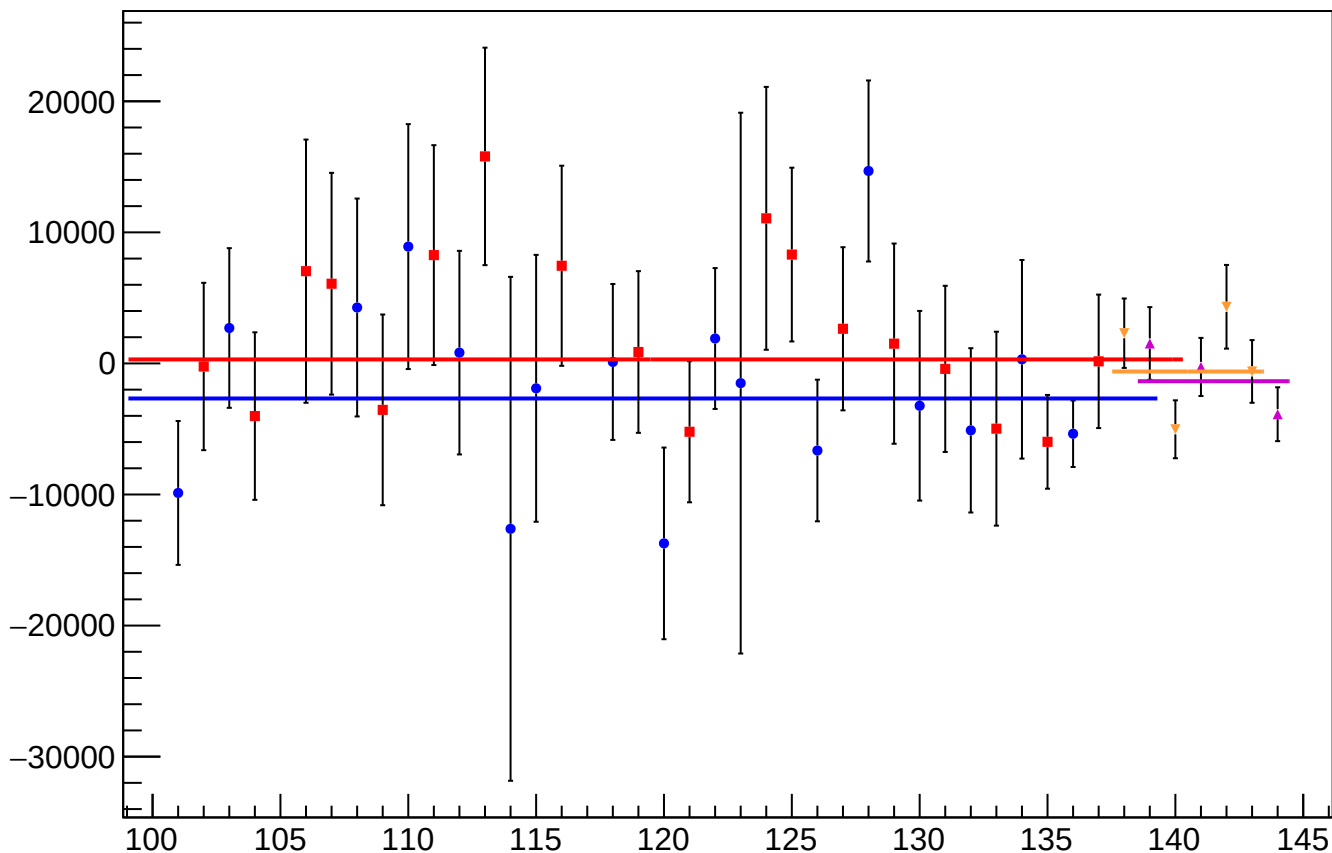
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 329.494 $\pm$ 0.078 χ^2 /NDF:716842.1/19

Out: 337.849 $\pm$ 0.078 χ^2 /NDF:869883.7/21

All: 333.672 $\pm$ 0.055 χ^2 /NDF: 1592403.7/41

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -617.722+/-1269.723 χ^2/NDF : 7.6/3

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: -971.737+/-916.515 χ^2/NDF : 10.6/6

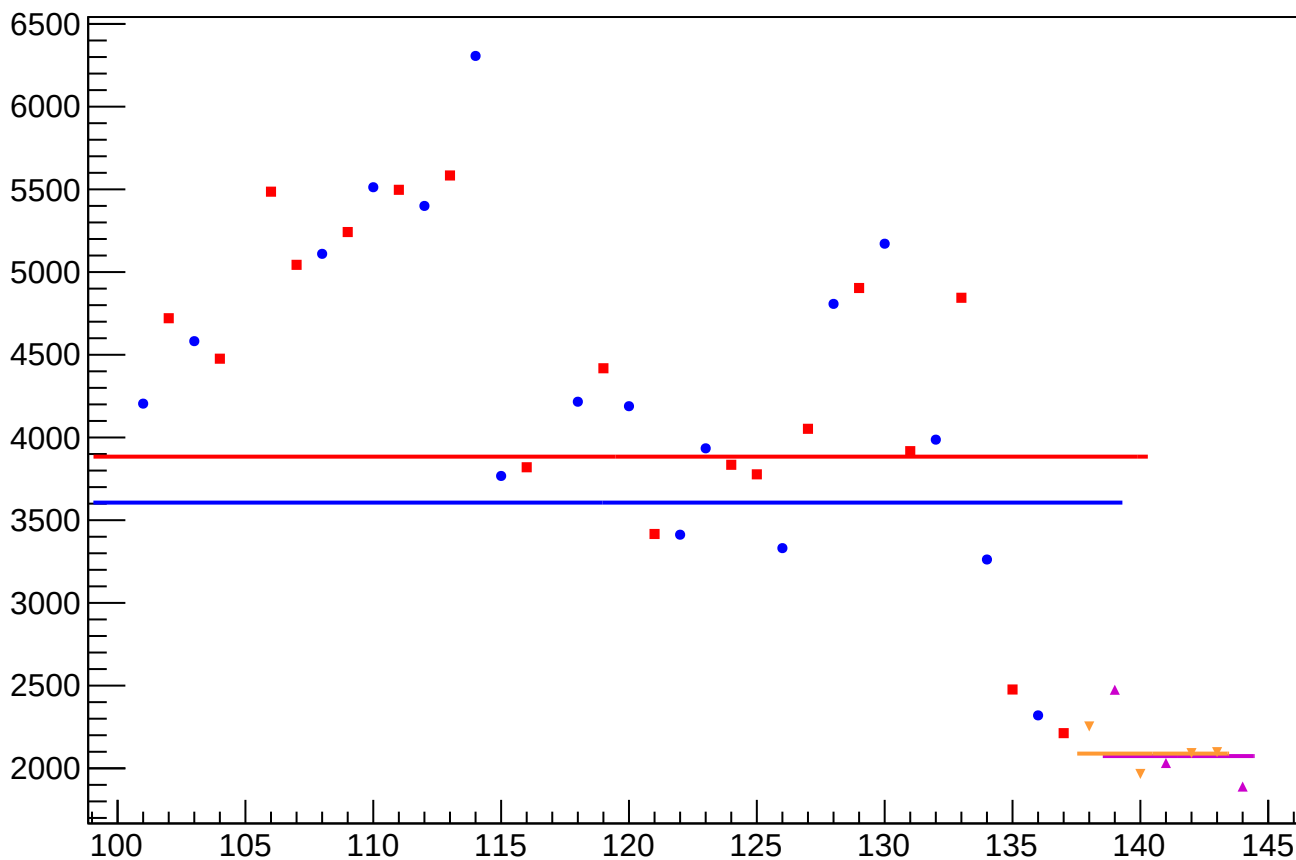
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1953.091+/-979.736 χ^2/NDF : 20.0/19

Out: -237.919+/-973.892 χ^2/NDF : 22.2/21

All: -1090.375+/-690.703 χ^2/NDF : 43.7/41

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2088.992+/-0.898 χ^2/NDF : 13909.4/3

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2074.067+/-0.936 χ^2/NDF : 58631.5/2

Left: 2081.844+/-0.648 χ^2/NDF : 72673.2/6

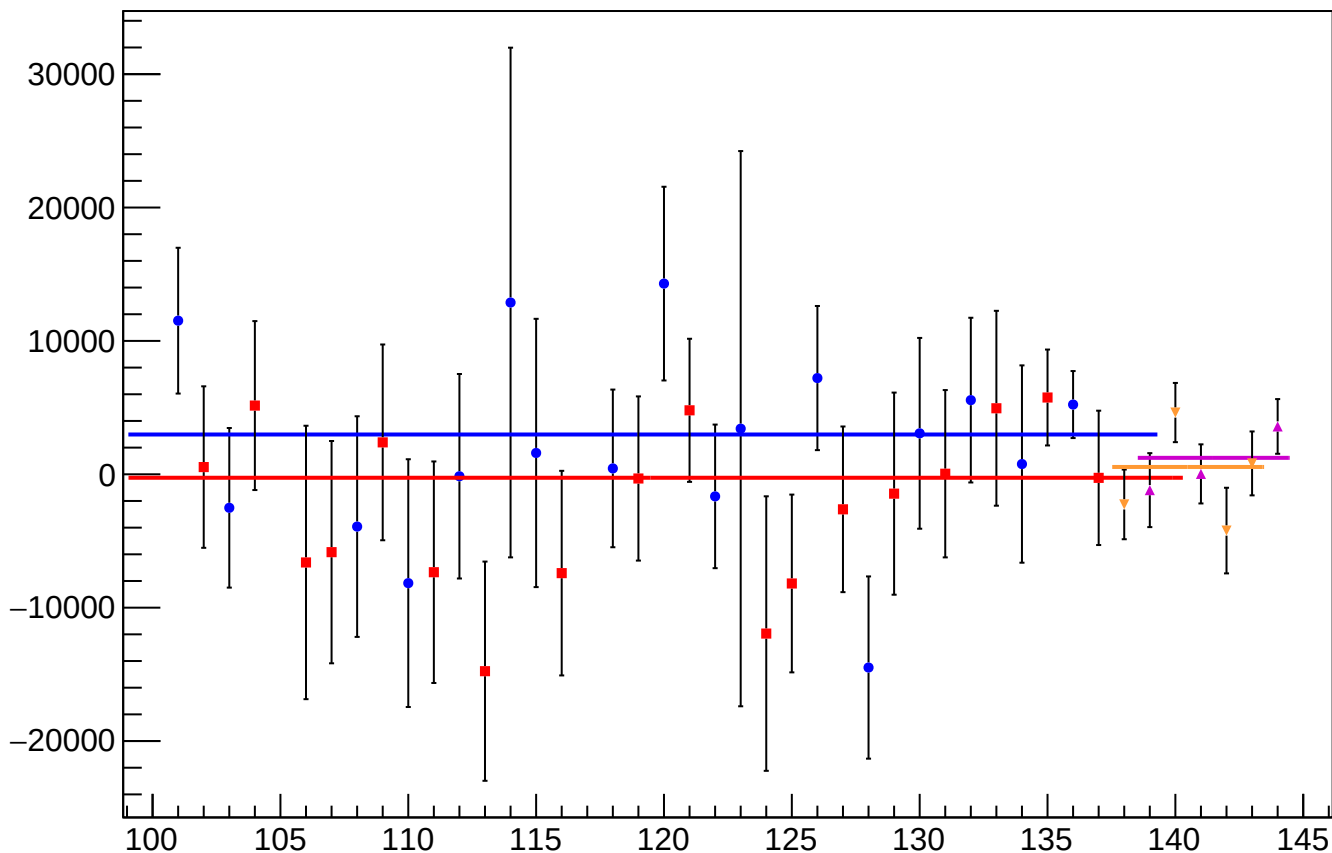
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2767.692+/-0.693 χ^2/NDF : 2363214.3/19

Out: 2828.068+/-0.689 χ^2/NDF : 2654433.5/21

All: 2798.061+/-0.488 χ^2/NDF : 5021468.1/41

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 549.294+/-1269.374 χ^2/NDF : 6.7/3

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: 877.297+/-915.864 χ^2/NDF : 9.3/6

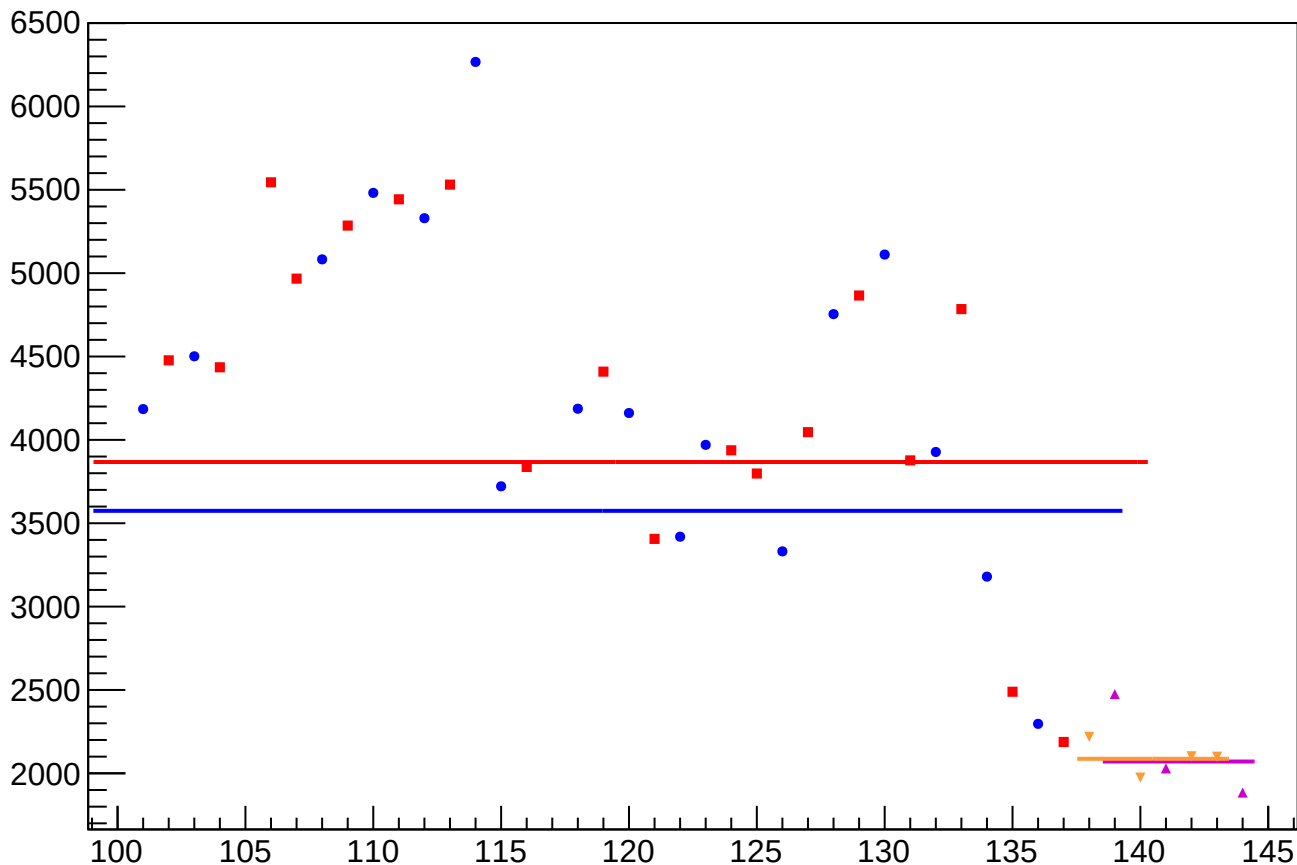
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 2032.188+/-975.256 χ^2/NDF : 20.6/19

Out: 214.396+/-971.749 χ^2/NDF : 20.4/21

All: 1120.017+/-688.367 χ^2/NDF : 42.8/41

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2087.105 $\pm$ 0.898 χ^2 /NDF:10333.4/3

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2070.662 $\pm$ 0.935 χ^2 /NDF:59713.3/2

Left: 2079.222 $\pm$ 0.648 χ^2 /NDF: 70207.6/6

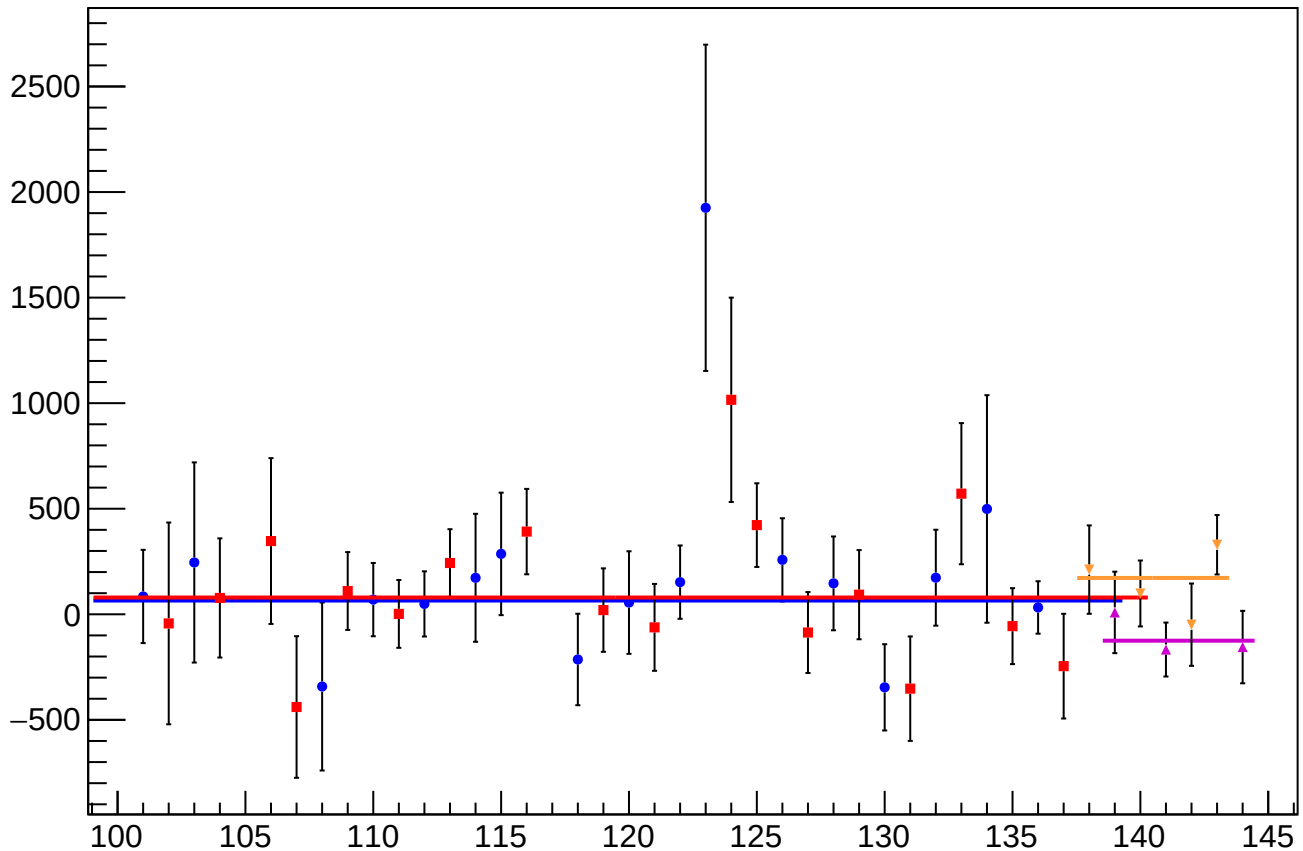
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2756.919 $\pm$ 0.690 χ^2 /NDF:2330670.4/19

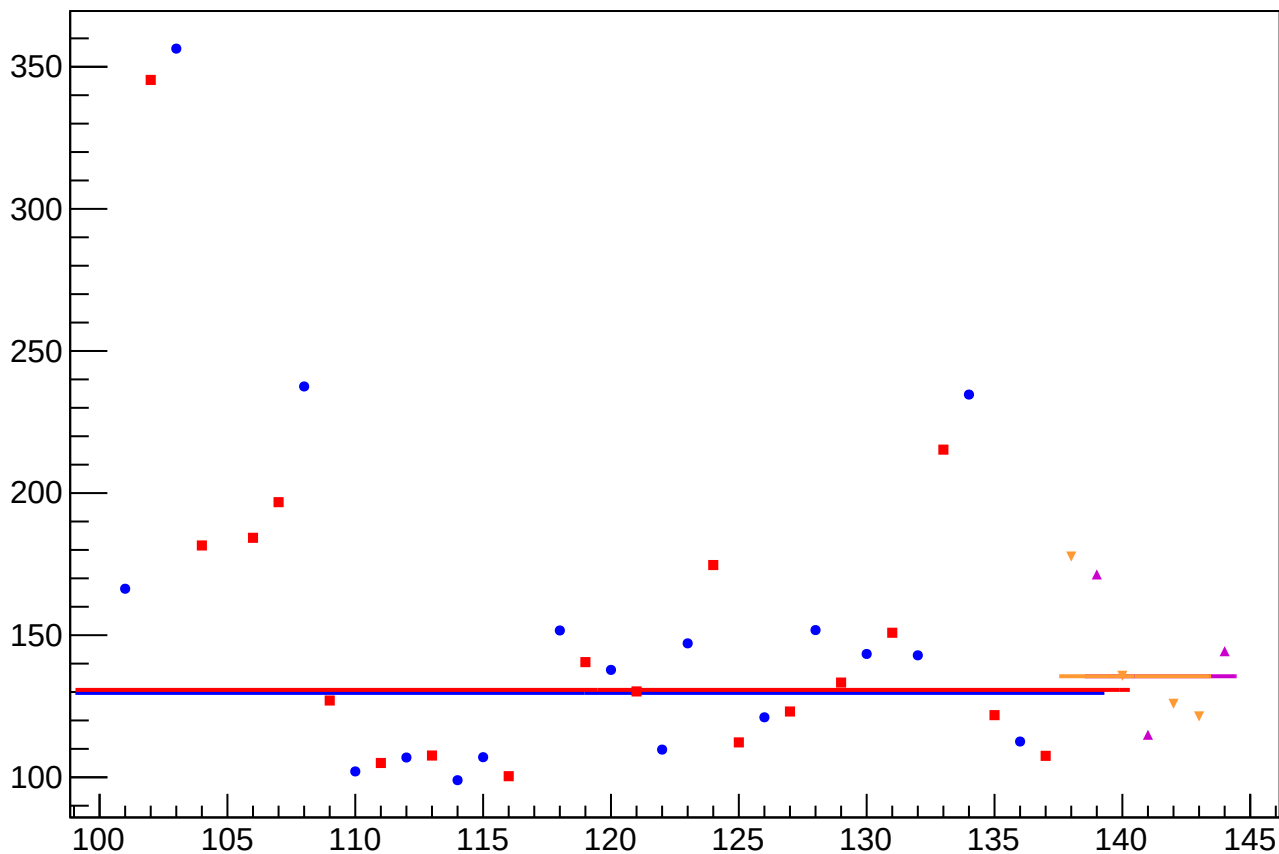
Out: 2824.003 $\pm$ 0.687 χ^2 /NDF:2606674.9/21

All: 2790.582 $\pm$ 0.487 χ^2 /NDF: 4942093.8/41

dit_asym_sam3_mean vs Slug, Sign Corrected



dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 135.550 $\pm$ 0.060 χ^2 /NDF:106105.2/3

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: 135.549 $\pm$ 0.044 χ^2 /NDF: 232279.6/6

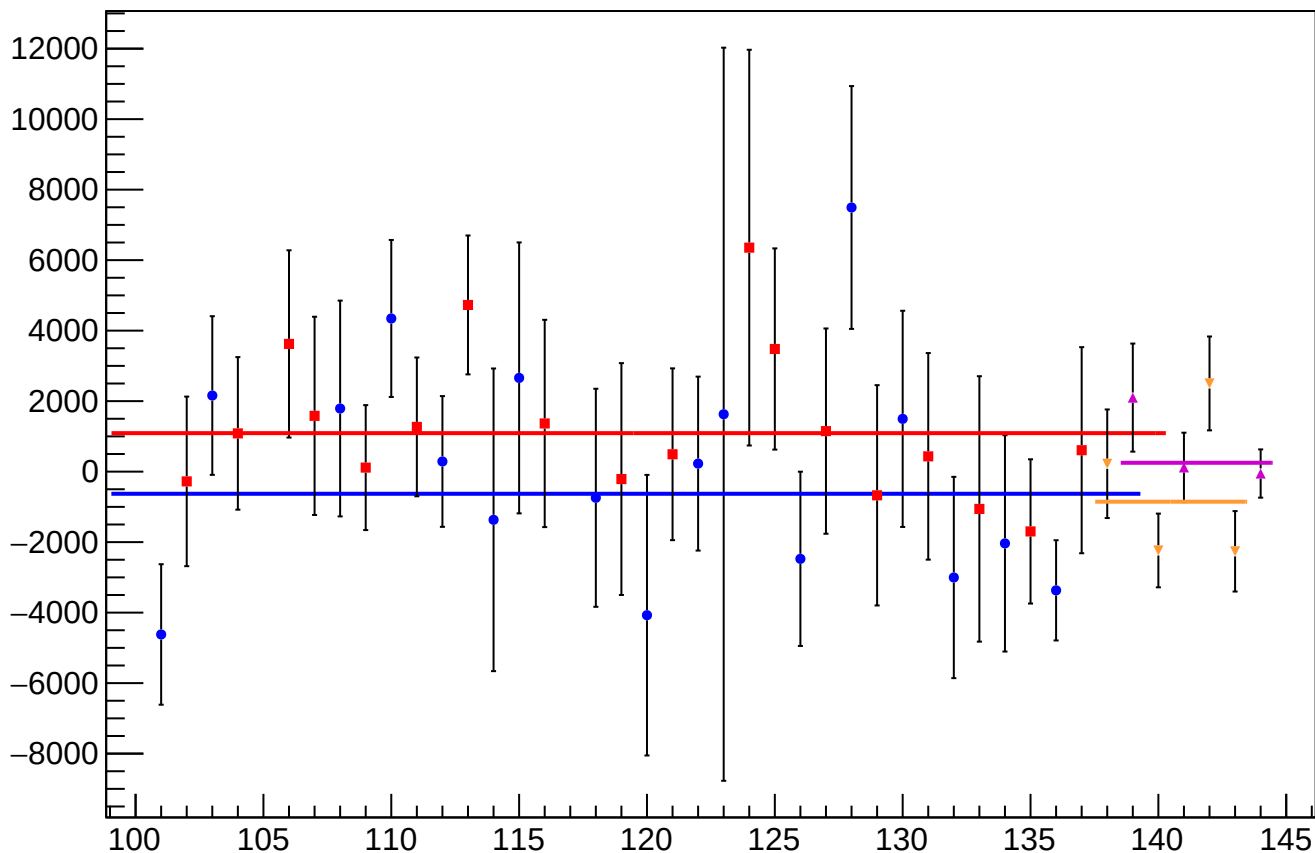
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 131.179 $\pm$ 0.032 χ^2 /NDF:1122101.4/19

Out: 132.086 $\pm$ 0.031 χ^2 /NDF:1038315.7/21

All: 131.643 $\pm$ 0.022 χ^2 /NDF: 2160823.9/41

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -852.857+/-612.222 χ^2/NDF : 10.1/3

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: -219.504+/-399.785 χ^2/NDF : 13.6/6

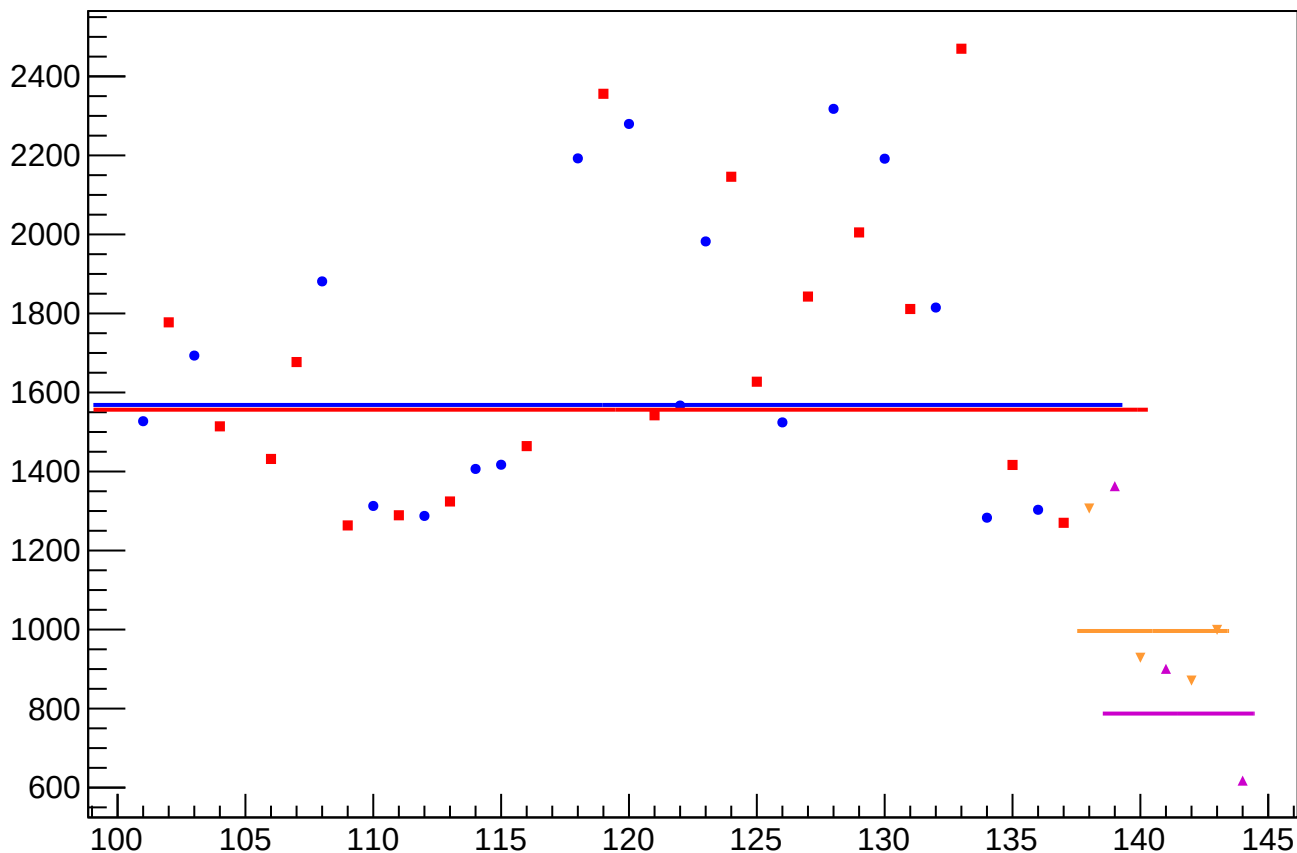
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -117.249+/-402.332 χ^2/NDF : 27.1/19

Out: 139.988+/-428.331 χ^2/NDF : 24.6/21

All: 3.326+/-293.252 χ^2/NDF : 51.9/41

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 996.393+/-0.433 χ^2/NDF : 107155.0/3

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: 876.502+/-0.283 χ^2/NDF : 671853.2/6

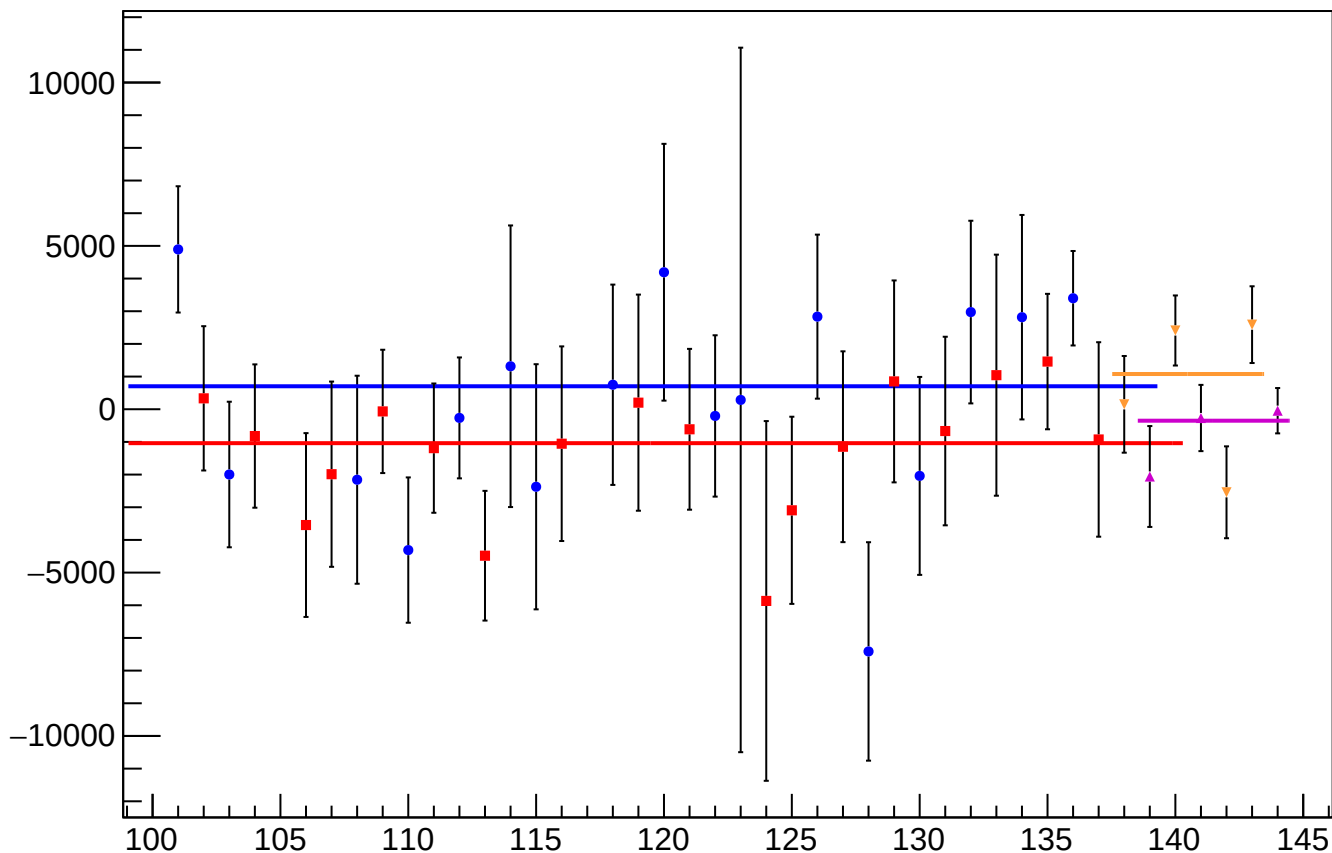
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1114.725+/-0.284 χ^2/NDF : 2800446.2/19

Out: 1282.295+/-0.303 χ^2/NDF : 1471969.5/21

All: 1193.270+/-0.207 χ^2/NDF : 4435038.1/41

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1078.161+/-625.344 χ^2/NDF :10.2/3

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: 255.306+/-407.301 χ^2/NDF : 14.7/6

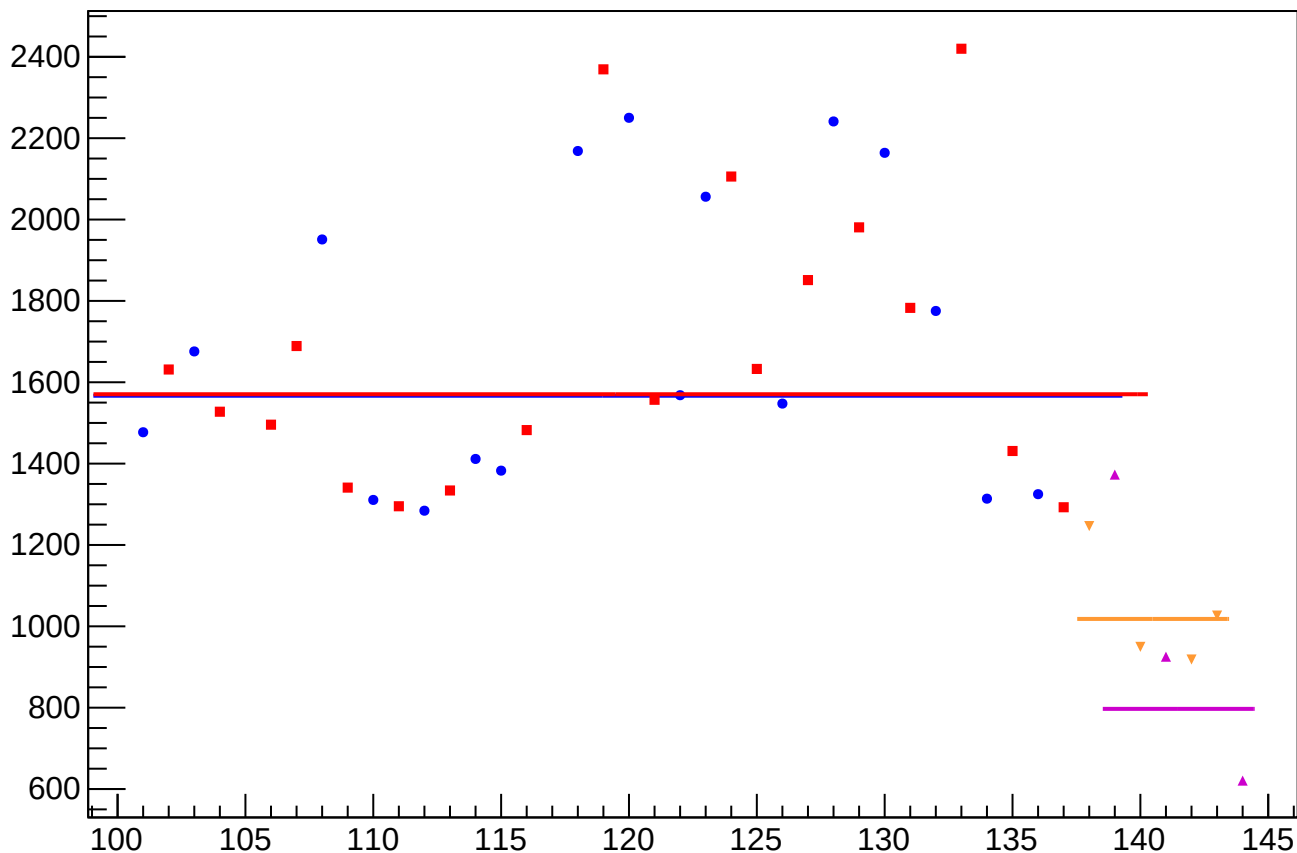
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 100.088+/-405.987 χ^2/NDF :29.1/19

Out: -16.430+/-434.535 χ^2/NDF :24.3/21

All: 45.782+/-296.656 χ^2/NDF : 53.4/41

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937+/-0.439 χ^2/NDF : 499846.2/16

Left Out: 1018.189+/-0.442 χ^2/NDF : 65923.4/3

Right Out: 1570.549+/-0.427 χ^2/NDF : 439261.0/17

Left In: 797.077+/-0.380 χ^2/NDF : 439606.9/2

Left: 890.878+/-0.288 χ^2/NDF : 649500.4/6

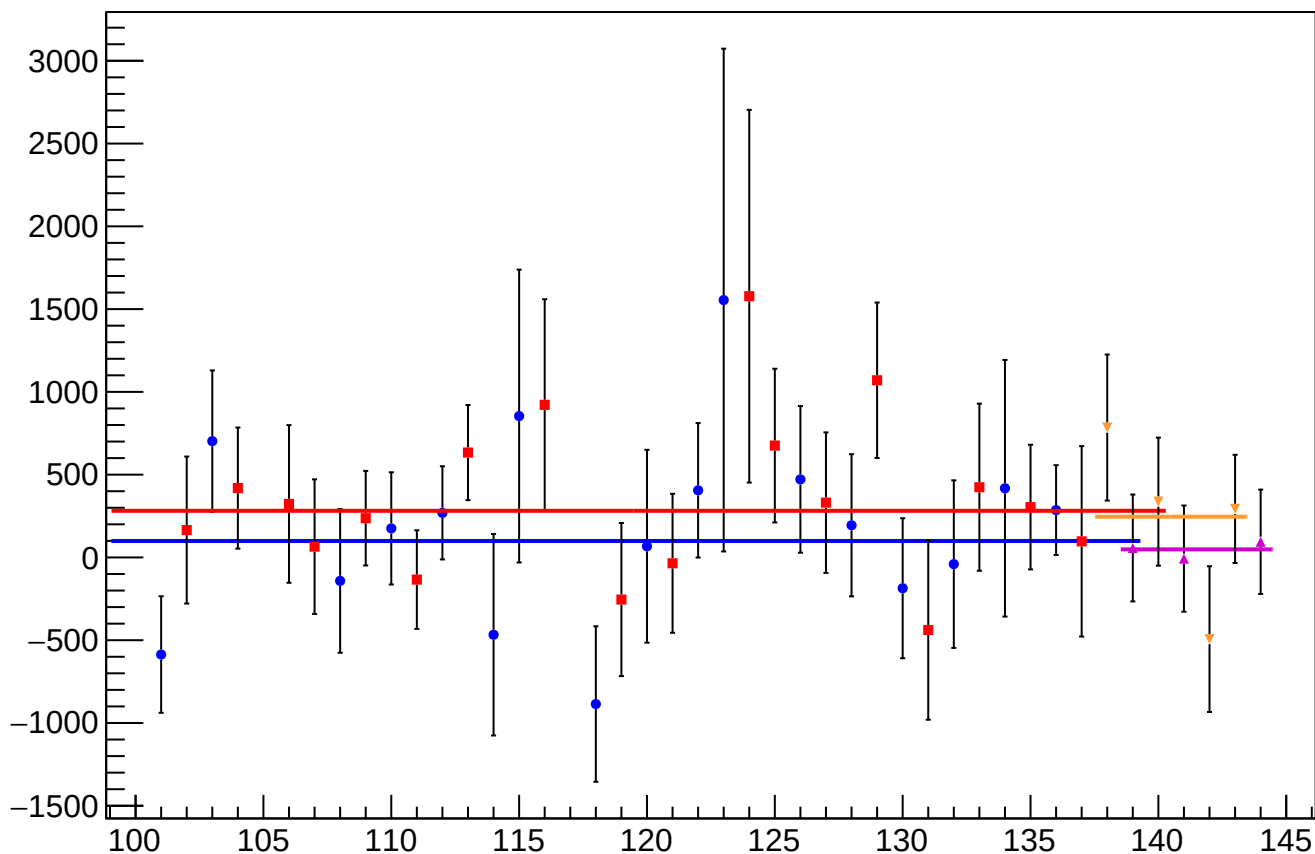
Right: 1568.791+/-0.306 χ^2/NDF : 939142.0/34

In: 1126.525+/-0.287 χ^2/NDF : 2700014.6/19

Out: 1303.842+/-0.307 χ^2/NDF : 1312146.0/21

All: 1209.168+/-0.210 χ^2/NDF : 4189973.4/41

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 246.127 $\pm$ 194.806 χ^2/NDF : 4.4/3

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: 142.082 $\pm$ 133.958 χ^2/NDF : 5.0/6

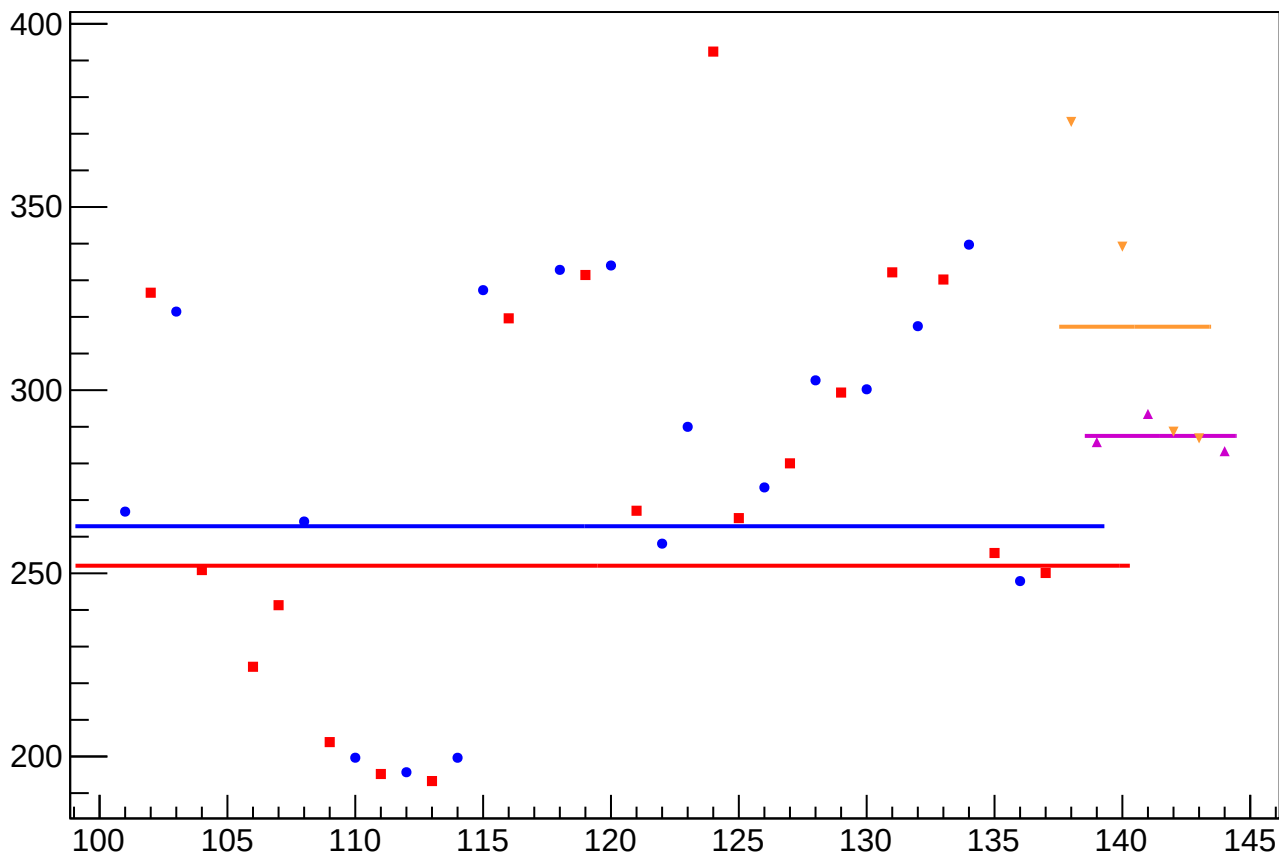
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 87.273 $\pm$ 90.243 χ^2/NDF : 16.0/19

Out: 274.634 $\pm$ 87.461 χ^2/NDF : 18.1/21

All: 183.886 $\pm$ 62.805 χ^2/NDF : 36.4/41

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 317.321+/-0.138 χ^2/NDF : 64385.2/3

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: 301.609+/-0.095 χ^2/NDF : 90170.6/6

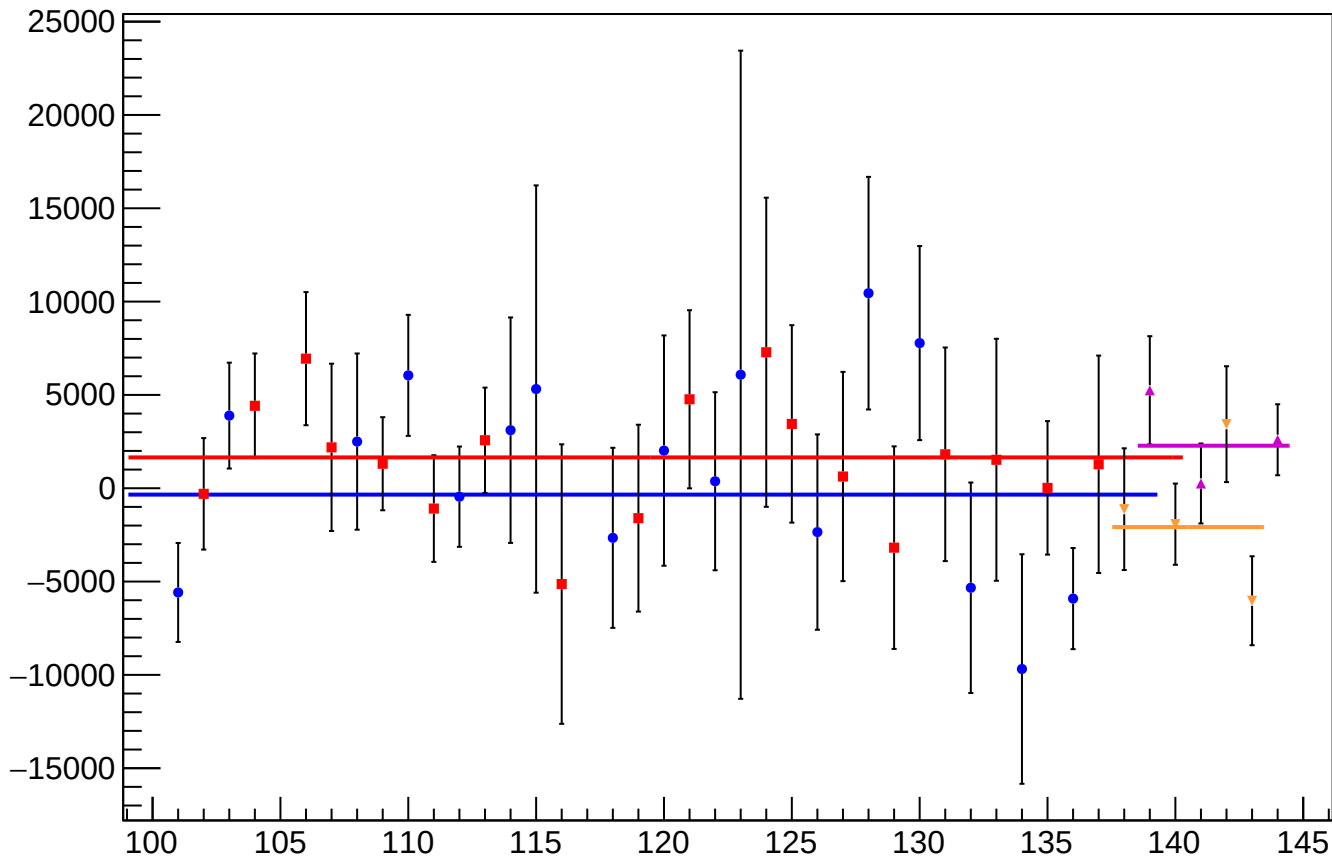
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 268.755+/-0.064 χ^2/NDF : 439978.0/19

Out: 265.230+/-0.062 χ^2/NDF : 758644.3/21

All: 266.938+/-0.044 χ^2/NDF : 1200196.2/41

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2080.543 ± 1307.202 $\chi^2/\text{NDF}: 6.0/3$

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: 150.375 ± 913.407 $\chi^2/\text{NDF}: 13.7/6$

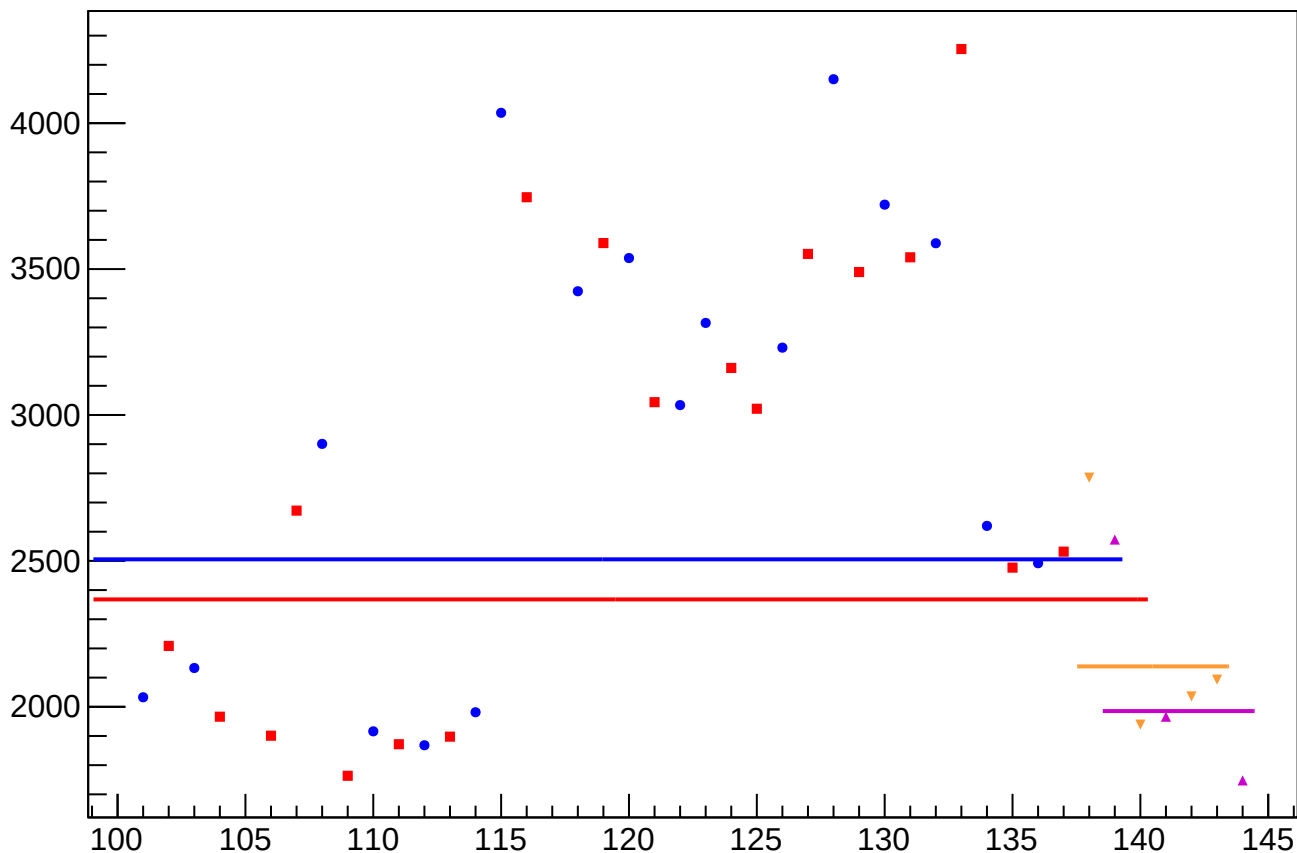
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 660.407 ± 789.540 $\chi^2/\text{NDF}: 29.0/19$

Out: 397.880 ± 757.713 $\chi^2/\text{NDF}: 19.4/21$

All: 523.745 ± 546.689 $\chi^2/\text{NDF}: 48.4/41$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710

χ^2/NDF : 864133.9/16

Left Out: 2138.442+/-0.924

χ^2/NDF : 98404.6/3

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: 2060.104+/-0.646

χ^2/NDF : 226000.9/6

Right: 2431.366+/-0.483

χ^2/NDF : 1915141.0/34

In: 2306.513+/-0.558

χ^2/NDF : 1182546.4/19

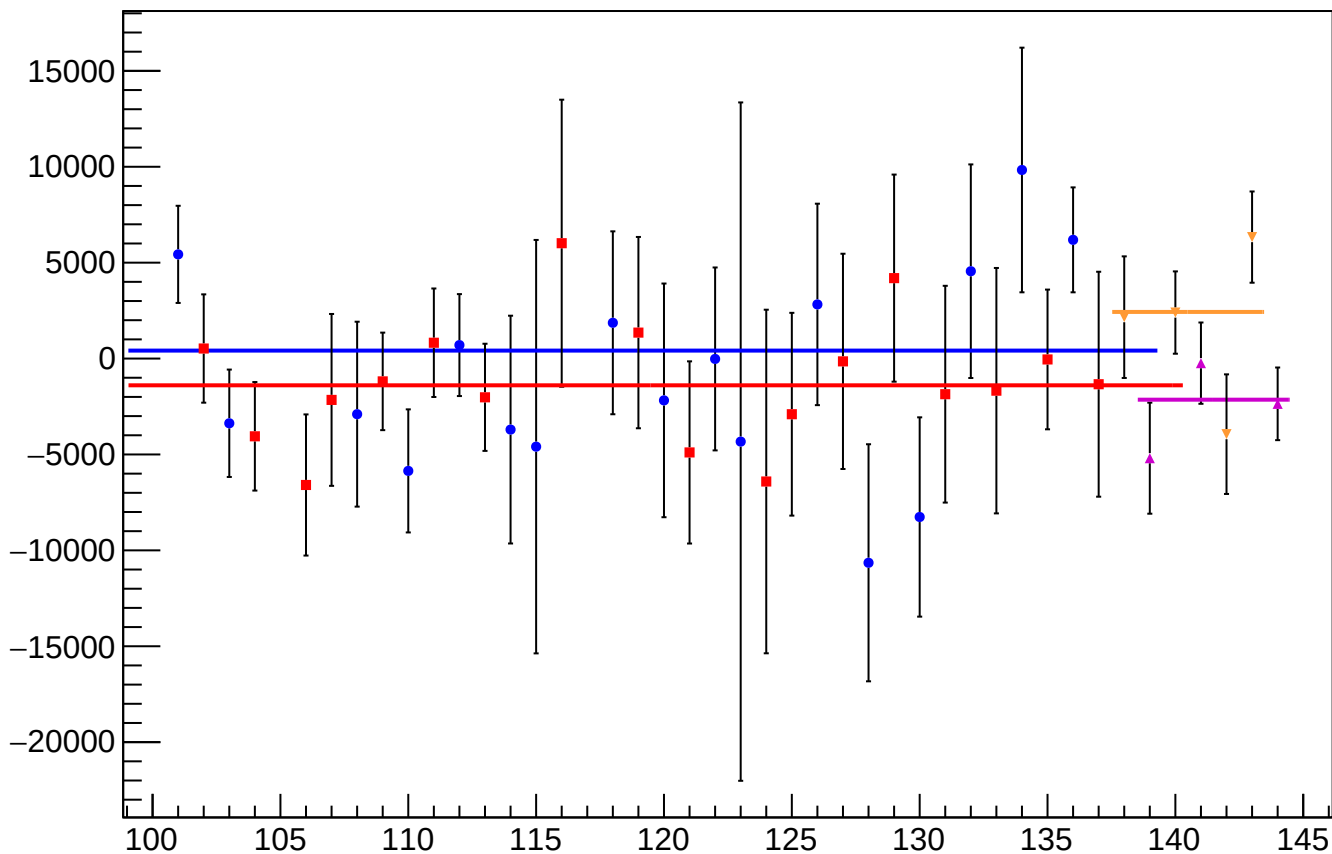
Out: 2290.873+/-0.536

χ^2/NDF : 1170240.3/21

All: 2298.372+/-0.387

χ^2/NDF : 2353195.2/41

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2431.414+/-1295.121 χ^2/NDF : 6.9/3

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: 97.283+/-906.460 χ^2/NDF : 15.2/6

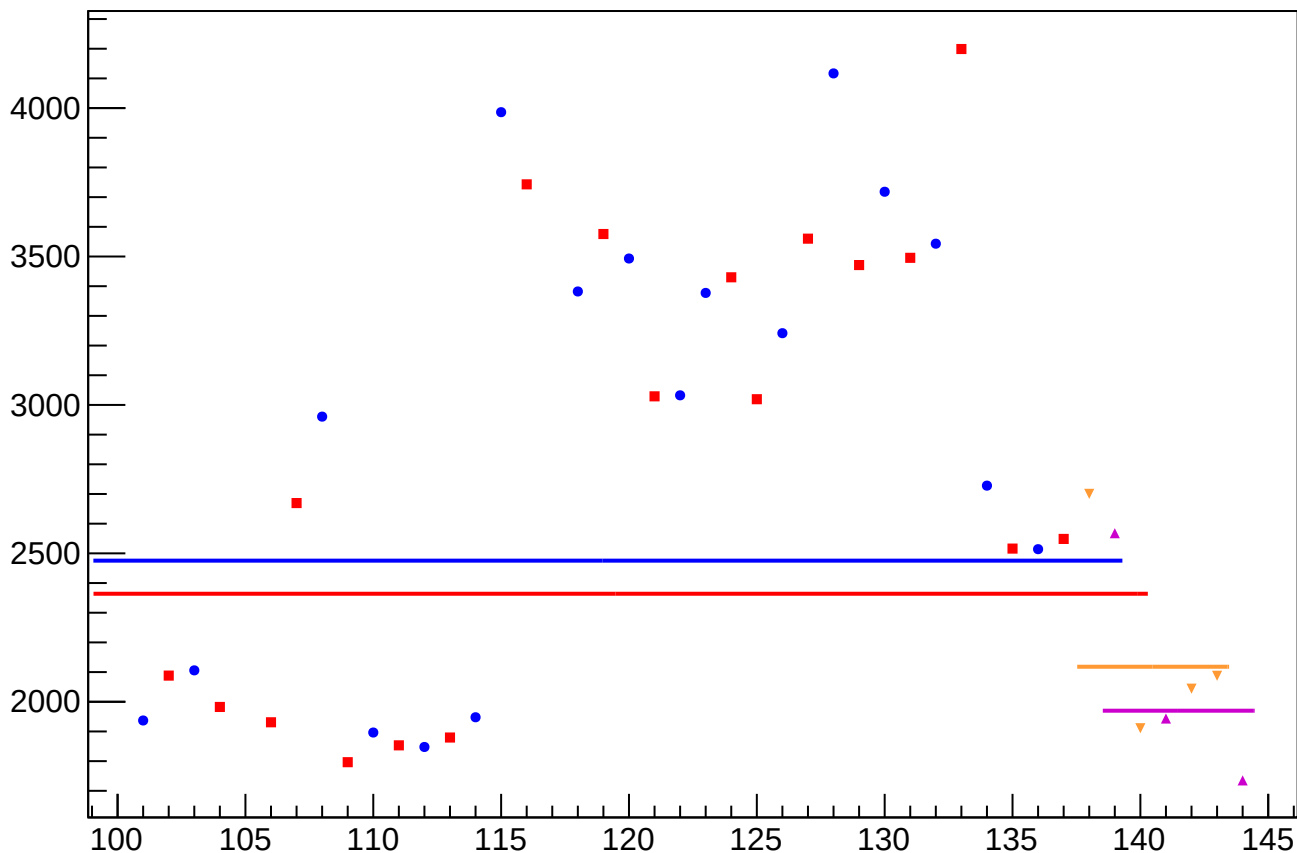
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -558.739+/-782.995 χ^2/NDF : 29.0/19

Out: -94.838+/-754.876 χ^2/NDF : 20.2/21

All: -318.309+/-543.447 χ^2/NDF : 49.3/41

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2118.026+/-0.916 χ^2/NDF : 87574.5/3

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: 2042.475+/-0.641 χ^2/NDF : 217287.6/6

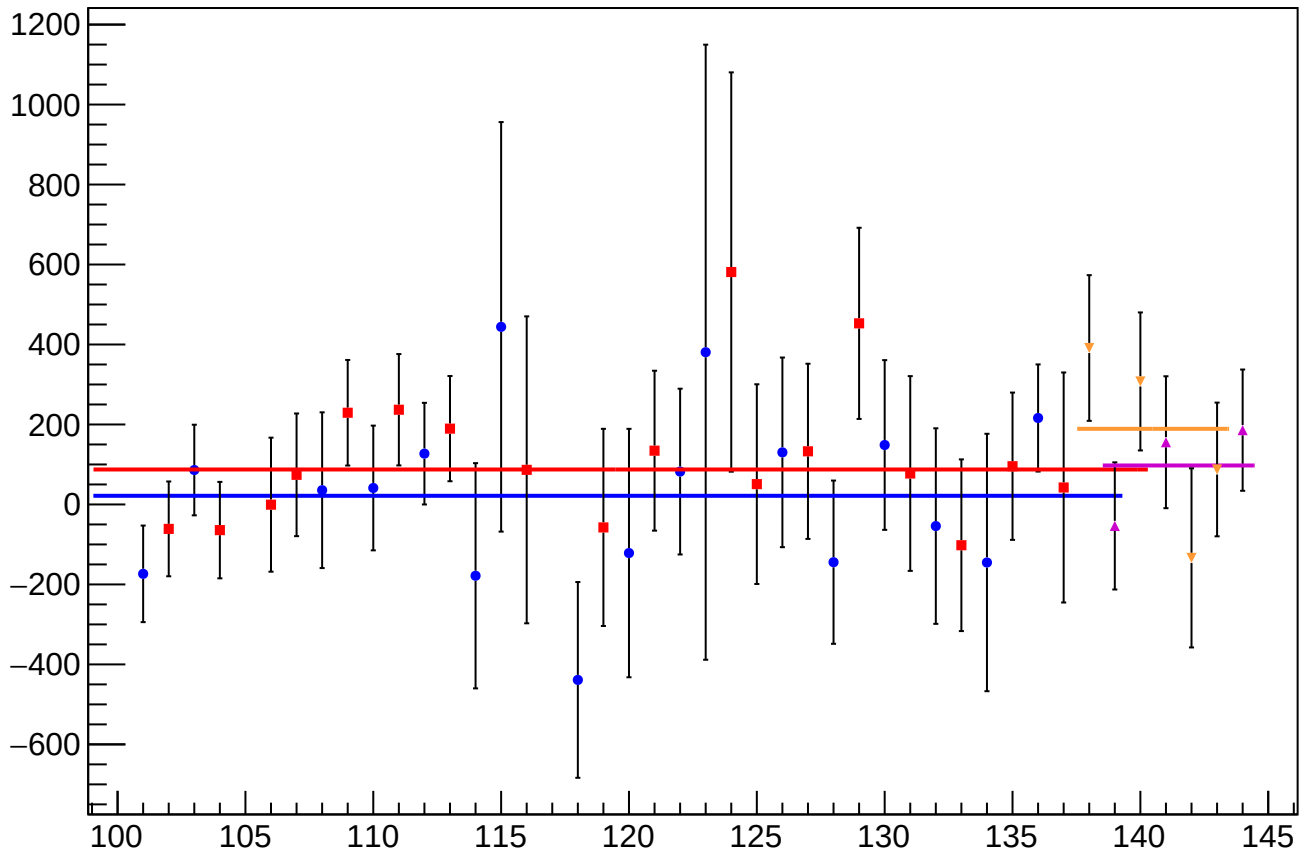
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2283.021+/-0.554 χ^2/NDF : 1225973.2/19

Out: 2280.375+/-0.534 χ^2/NDF : 1162047.4/21

All: 2281.649+/-0.384 χ^2/NDF : 2388032.4/41

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 189.129 $\pm$ 91.506 χ^2 /NDF:4.1/3

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 97.453 $\pm$ 91.352 χ^2 /NDF:1.4/2

Left: 143.214 $\pm$ 64.650 χ^2 /NDF: 6.0/6

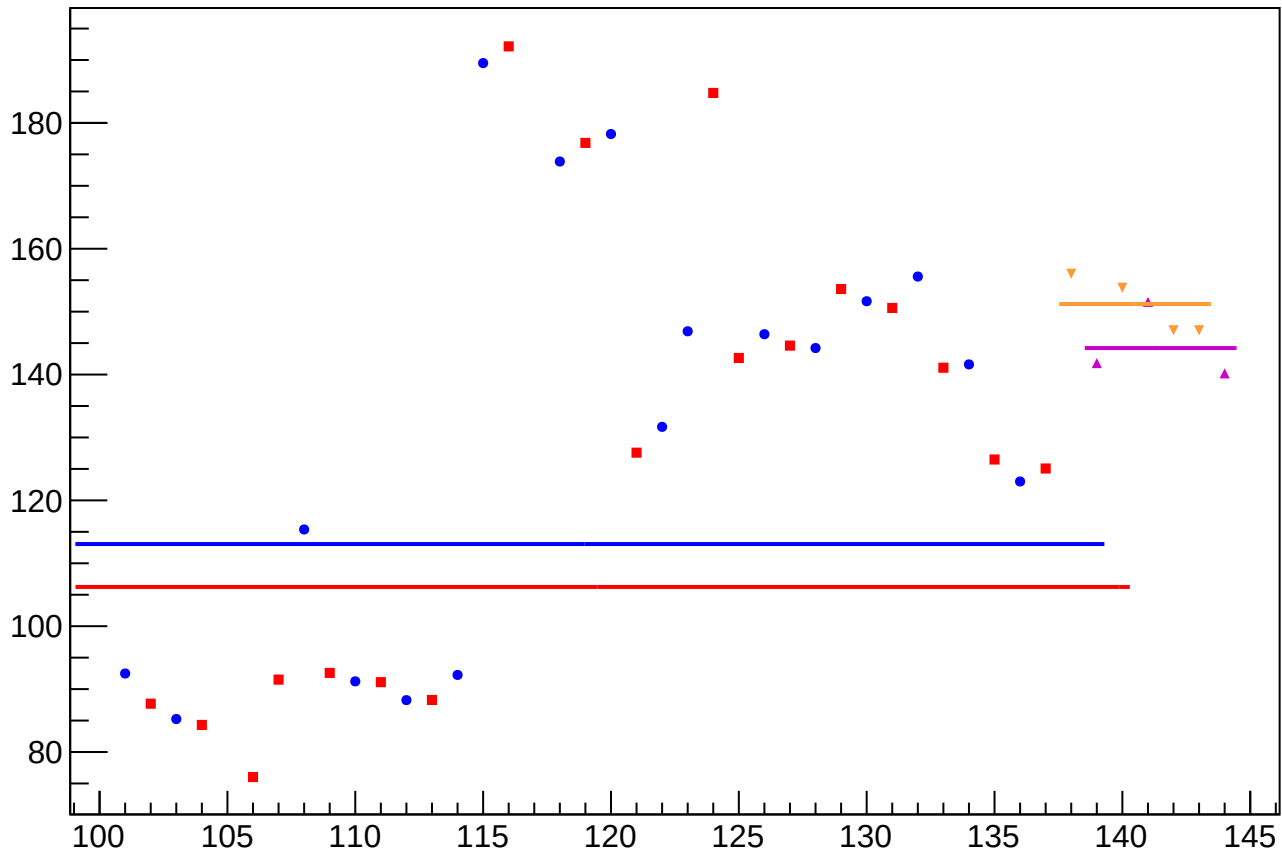
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 36.534 $\pm$ 40.481 χ^2 /NDF:14.5/19

Out: 105.013 $\pm$ 38.041 χ^2 /NDF:16.1/21

All: 72.900 $\pm$ 27.721 χ^2 /NDF: 32.1/41

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 151.207 $\pm$ 0.065 χ^2/NDF : 3786.2/3

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 144.211 $\pm$ 0.065 χ^2/NDF : 5817.3/2

Left: 147.703 $\pm$ 0.046 χ^2/NDF : 15457.9/6

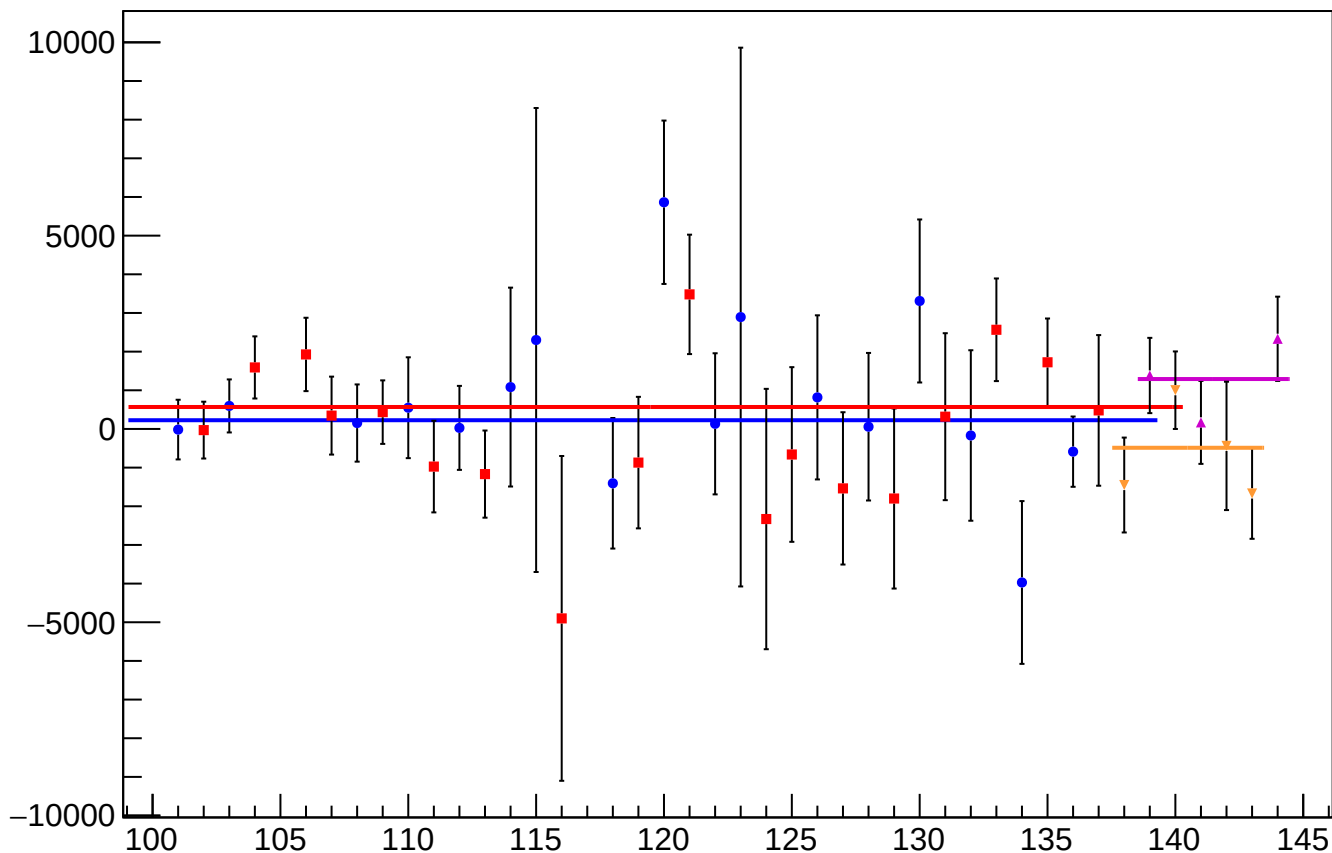
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 119.176 $\pm$ 0.029 χ^2/NDF : 1013524.1/19

Out: 114.011 $\pm$ 0.027 χ^2/NDF : 1354978.0/21

All: 116.433 $\pm$ 0.020 χ^2/NDF : 2385790.6/41

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -486.883+/-603.236 χ^2/NDF : 3.8/3

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: 405.010+/-425.848 χ^2/NDF : 10.2/6

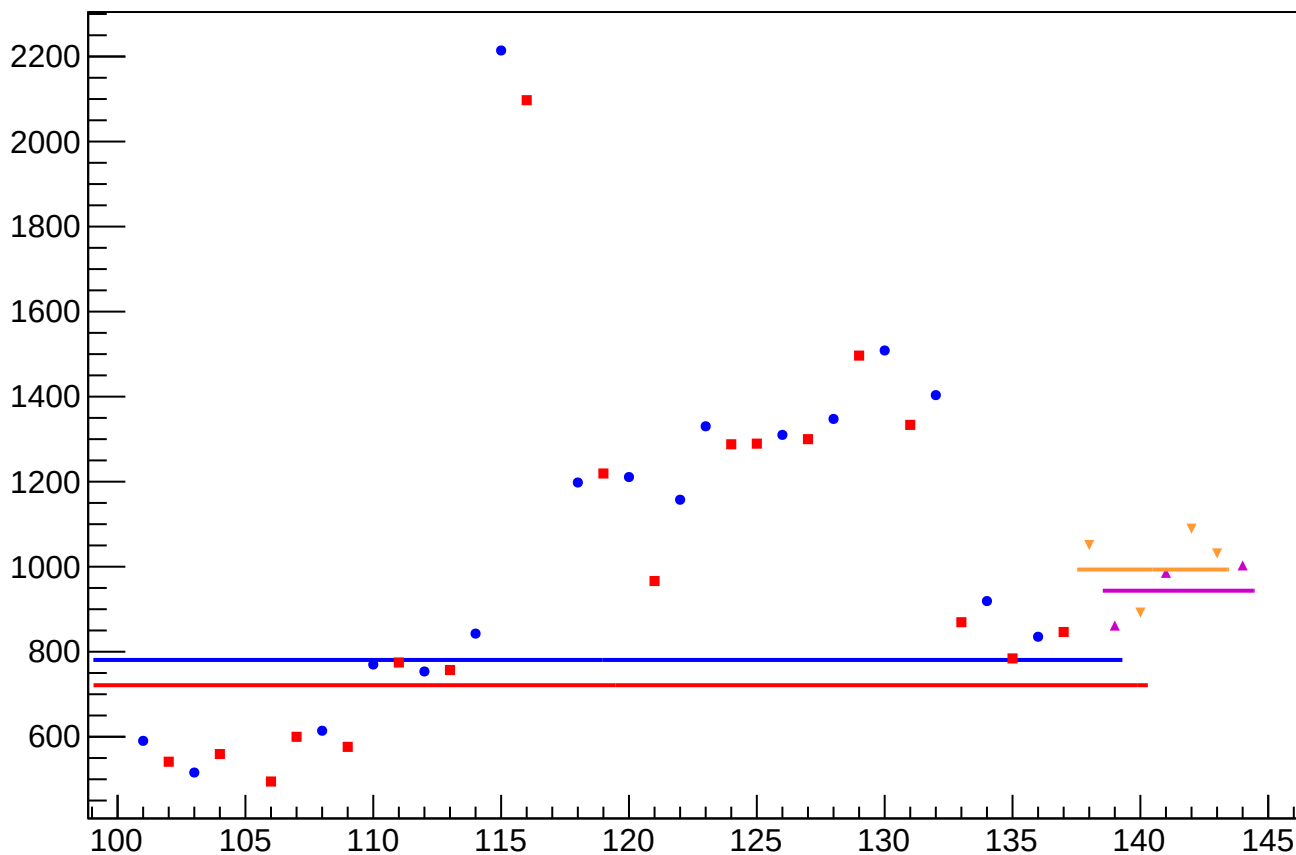
Right: 414.129+/-215.517 χ^2/NDF : 37.6/34

In: 462.426+/-283.453 χ^2/NDF : 20.4/19

Out: 369.505+/-261.732 χ^2/NDF : 27.3/21

All: 412.269+/-192.293 χ^2/NDF : 47.8/41

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 993.318+/-0.427 χ^2/NDF : 33583.1/3

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 943.564+/-0.425 χ^2/NDF : 23245.0/2

Left: 968.359+/-0.301 χ^2/NDF : 63653.3/6

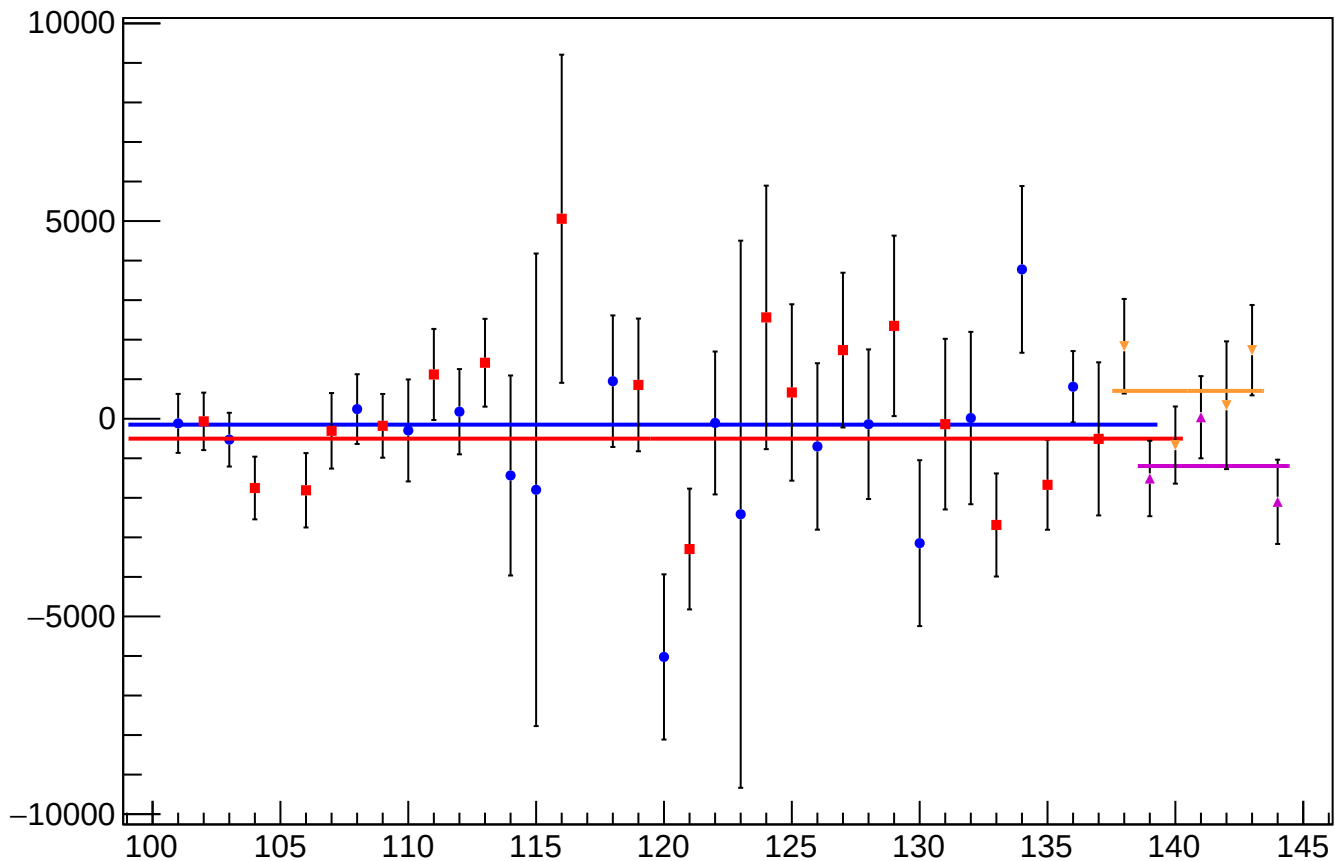
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 816.897+/-0.200 χ^2/NDF : 1746887.6/19

Out: 772.478+/-0.185 χ^2/NDF : 1990420.5/21

All: 792.921+/-0.136 χ^2/NDF : 3763818.8/41

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2 /NDF: 16.1/16

Left Out: 704.596+/-587.457 χ^2 /NDF:3.7/3

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: -246.382+/-415.185 χ^2 /NDF: 11.2/6

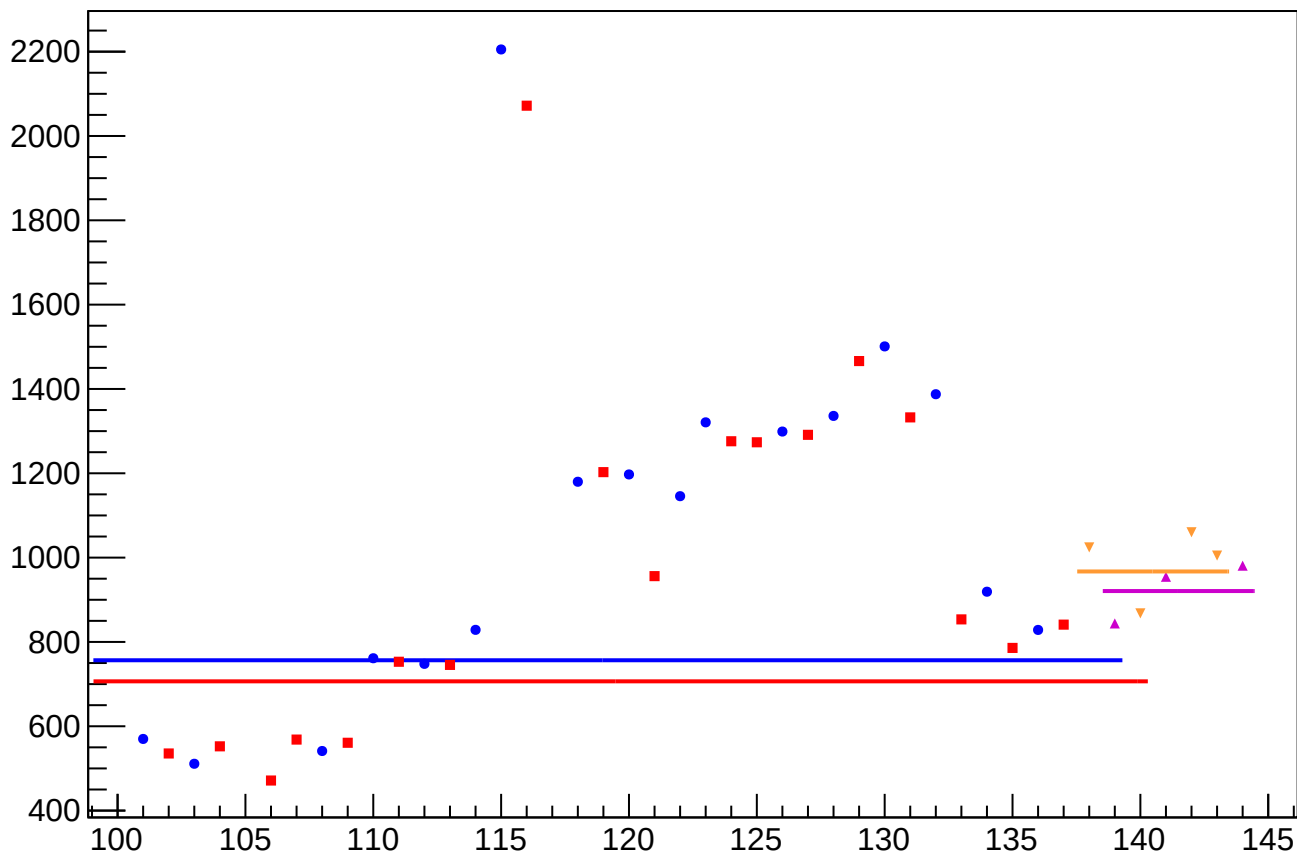
Right: -342.200+/-211.034 χ^2 /NDF: 40.4/34

In: -380.829+/-276.150 χ^2 /NDF:20.8/19

Out: -272.038+/-256.986 χ^2 /NDF:30.8/21

All: -322.528+/-188.127 χ^2 /NDF: 51.7/41

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 967.144+/-0.415 χ^2/NDF : 34093.6/3

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: 943.898+/-0.294 χ^2/NDF : 61808.9/6

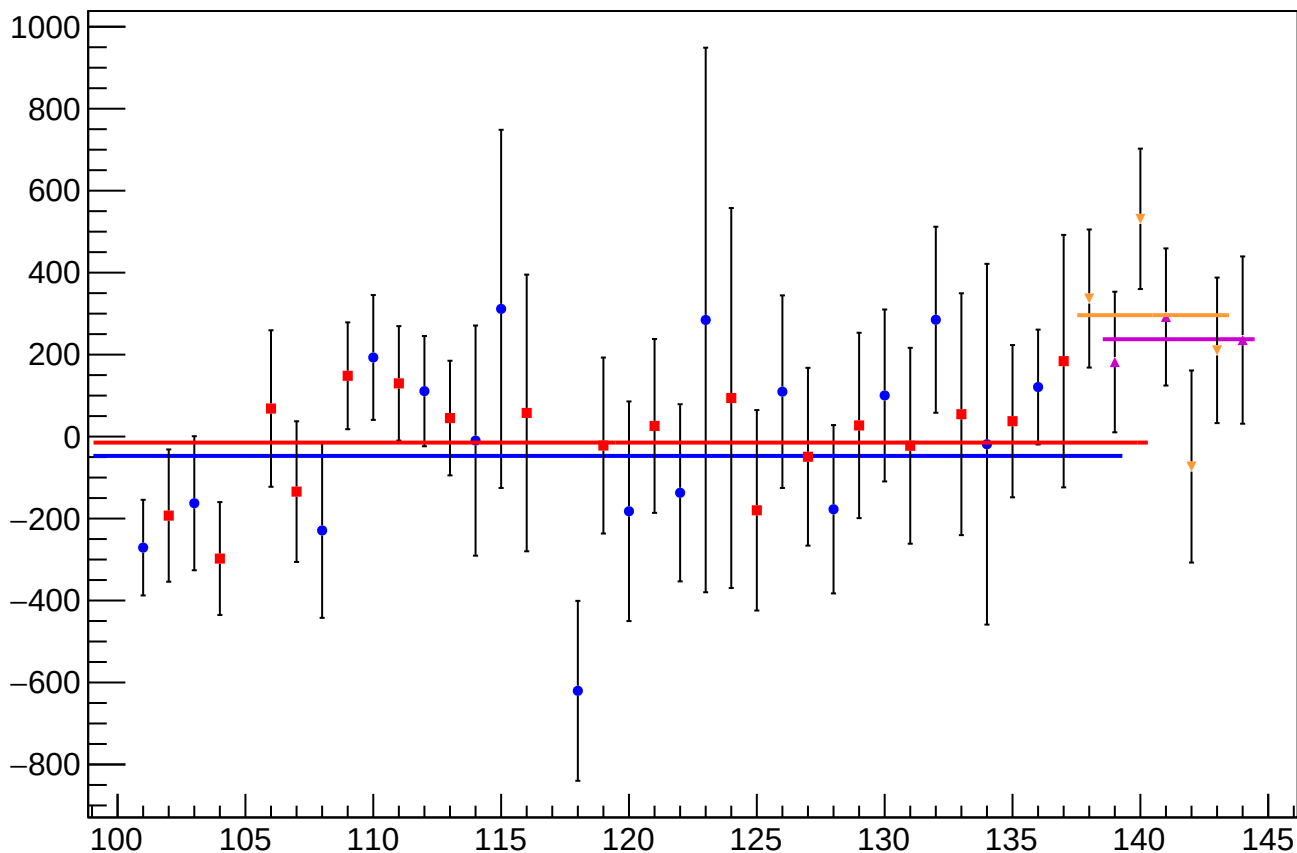
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 792.887+/-0.195 χ^2/NDF : 1856942.8/19

Out: 756.419+/-0.182 χ^2/NDF : 2022343.4/21

All: 773.344+/-0.133 χ^2/NDF : 3897978.0/41

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 296.182 $\pm$ 91.574 χ^2/NDF : 4.7/3

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: 270.380 $\pm$ 68.523 χ^2/NDF : 5.0/6

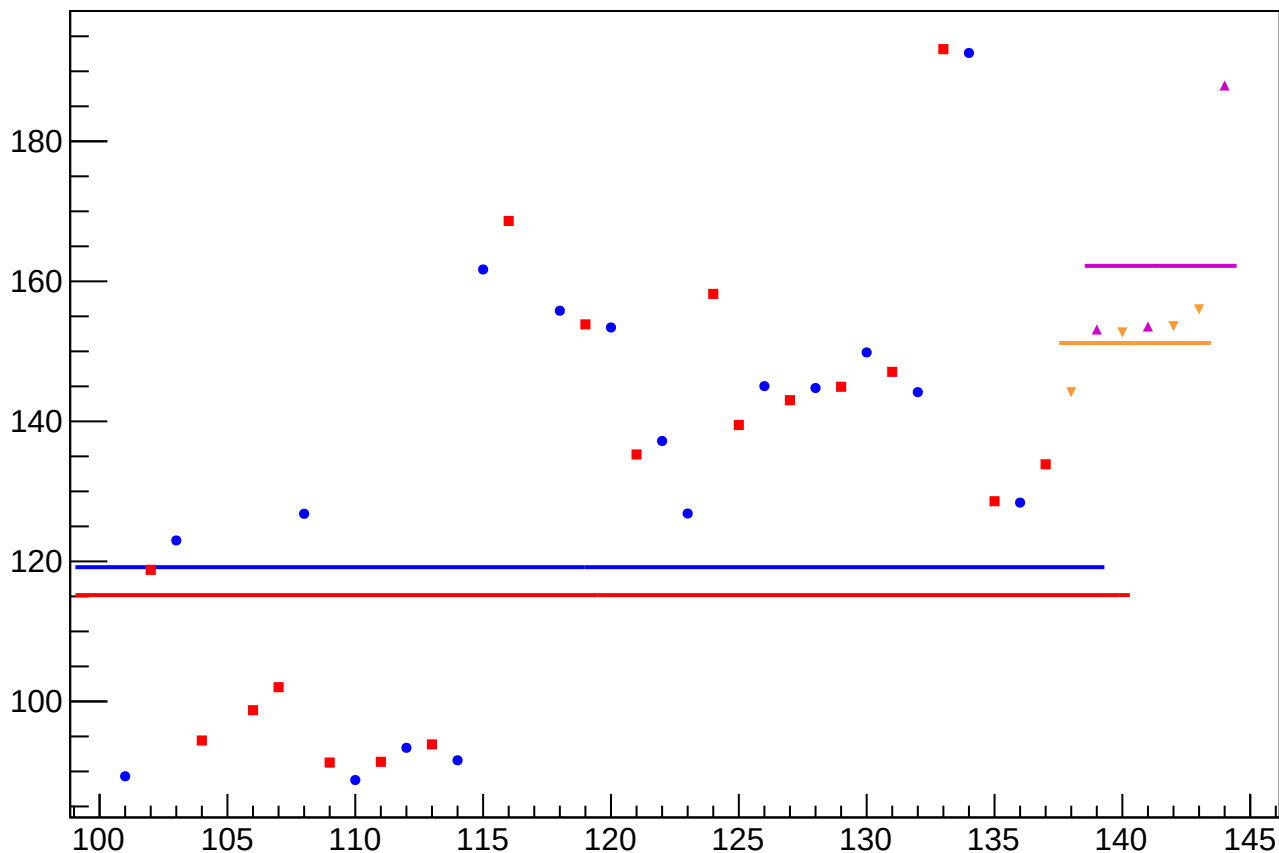
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 2.141 $\pm$ 42.982 χ^2/NDF : 28.4/19

Out: 45.508 $\pm$ 40.278 χ^2/NDF : 24.1/21

All: 25.231 $\pm$ 29.390 χ^2/NDF : 53.0/41

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 151.195 $\pm$ 0.065 χ^2/NDF : 5315.8/3

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: 156.043 $\pm$ 0.048 χ^2/NDF : 60911.3/6

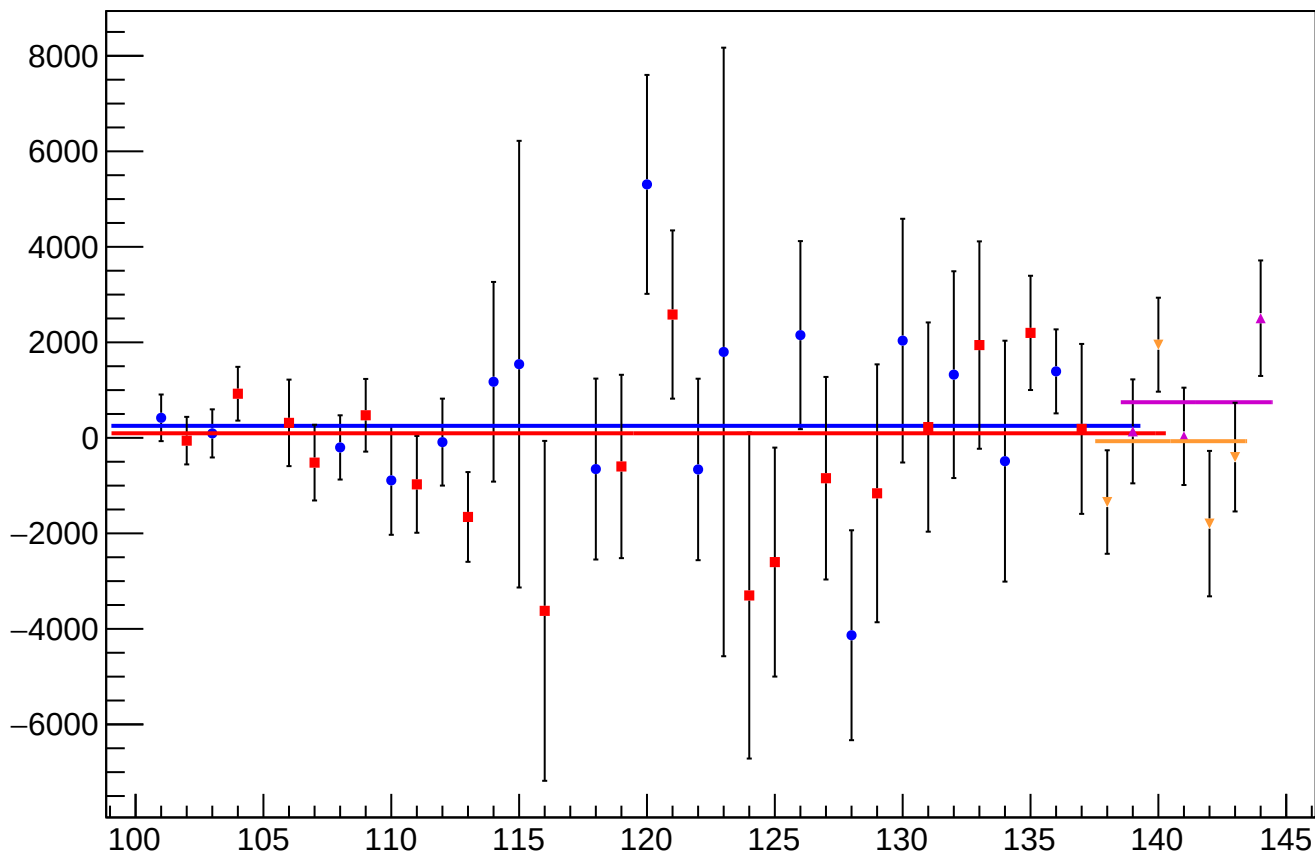
Right: 117.077 $\pm$ 0.023 χ^2/NDF : 1298359.0/34

In: 126.627 $\pm$ 0.030 χ^2/NDF : 945229.5/19

Out: 122.154 $\pm$ 0.028 χ^2/NDF : 930279.9/21

All: 124.245 $\pm$ 0.021 χ^2/NDF : 1887044.2/41

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: -69.518+/-569.117 χ^2/NDF : 7.0/3

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 746.304+/-633.699 χ^2/NDF : 2.9/2

Left: 294.715+/-423.424 χ^2/NDF : 10.8/6

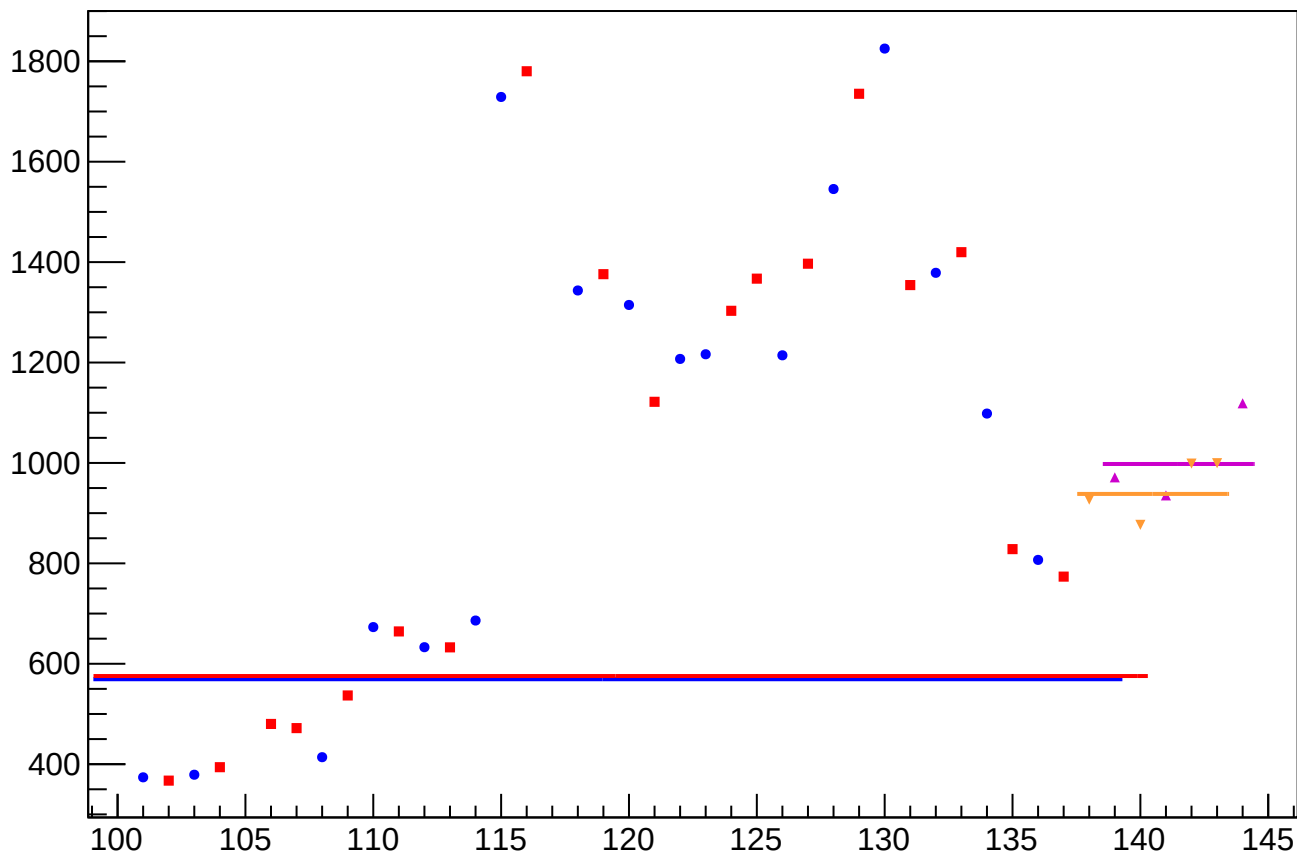
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 319.643+/-234.821 χ^2/NDF : 18.3/19

Out: 69.823+/-225.613 χ^2/NDF : 24.5/21

All: 189.739+/-162.690 χ^2/NDF : 43.4/41

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 938.290+/-0.402 χ^2/NDF : 16990.8/3

Right Out: 575.584+/-0.174 χ^2/NDF : 3058273.5/17

Left In: 997.916+/-0.448 χ^2/NDF : 28705.3/2

Left: 964.911+/-0.299 χ^2/NDF : 55497.5/6

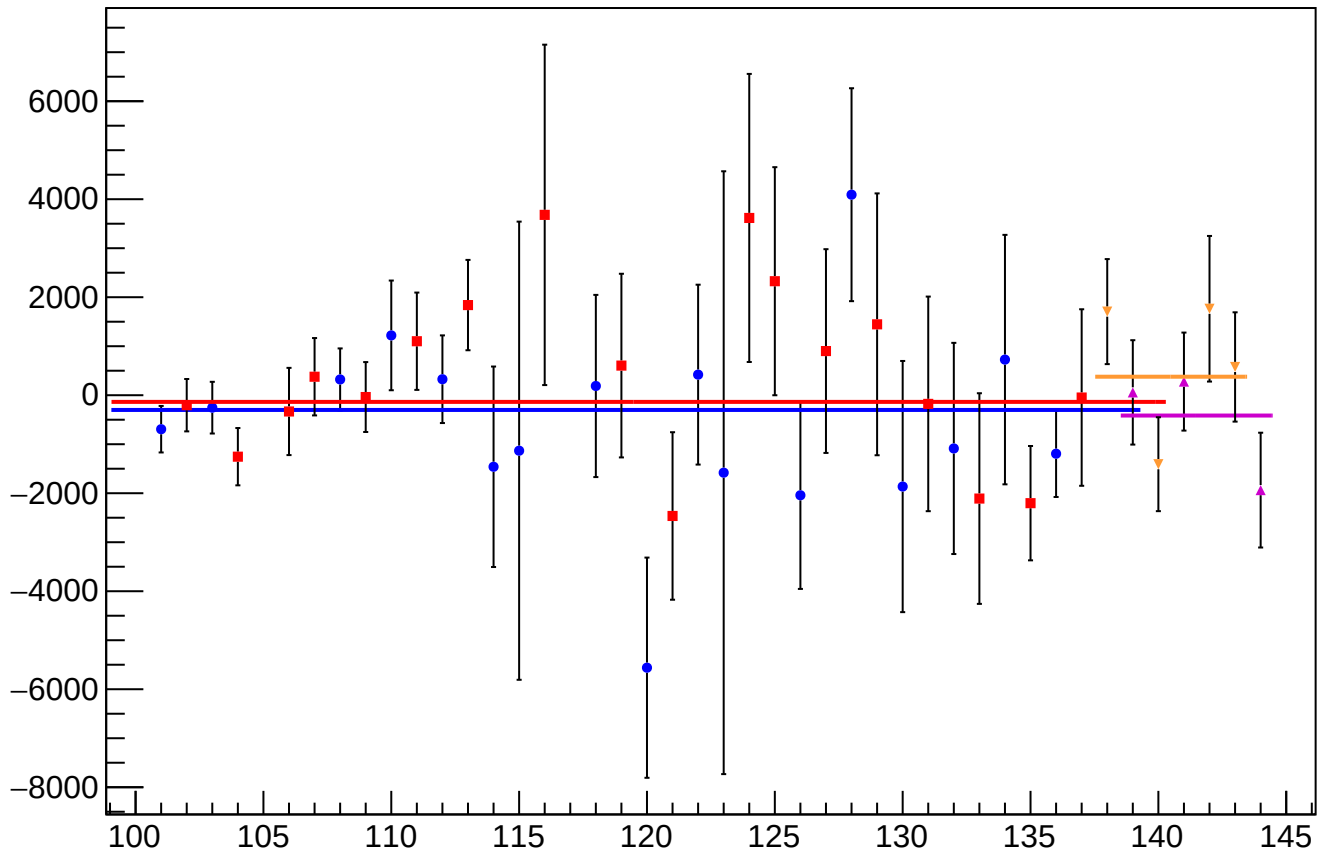
Right: 572.482+/-0.125 χ^2/NDF : 6325976.2/34

In: 628.067+/-0.166 χ^2/NDF : 4085445.3/19

Out: 632.584+/-0.160 χ^2/NDF : 3759942.3/21

All: 630.416+/-0.115 χ^2/NDF : 7845772.4/41

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: 377.697 ± 557.569 χ^2/NDF : 5.9/3

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: 22.738 ± 414.283 χ^2/NDF : 9.2/6

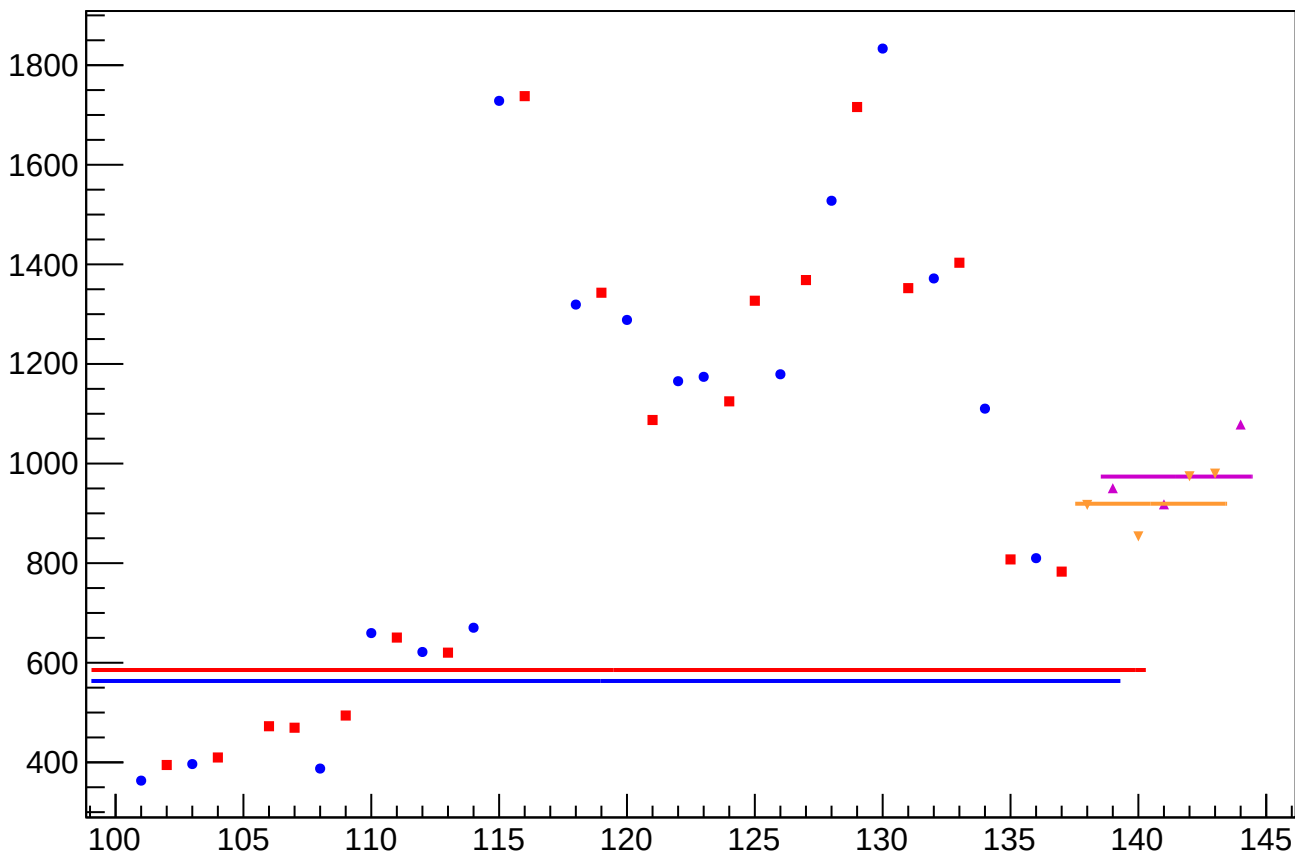
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -316.687 ± 232.049 χ^2/NDF : 19.1/19

Out: -51.422 ± 226.361 χ^2/NDF : 27.5/21

All: -180.764 ± 162.035 χ^2/NDF : 47.3/41

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 919.339+/-0.394 χ^2/NDF : 18006.6/3

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: 943.754+/-0.293 χ^2/NDF : 49673.6/6

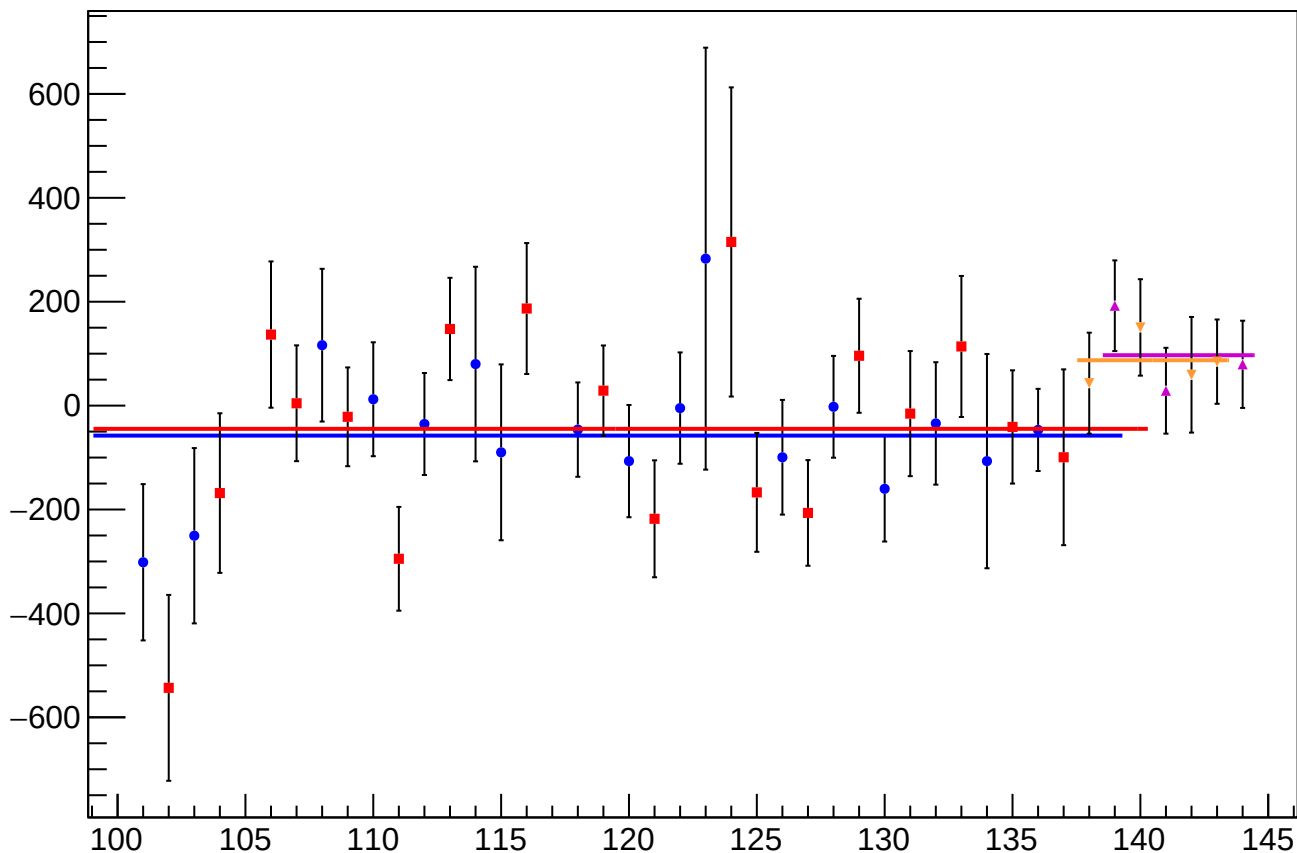
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 621.075+/-0.164 χ^2/NDF : 4037935.7/19

Out: 640.472+/-0.160 χ^2/NDF : 3435179.3/21

All: 631.014+/-0.115 χ^2/NDF : 7480275.7/41

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 87.330 ± 46.908 χ^2/NDF : 0.7/3

Right Out: -44.693 ± 27.711 χ^2/NDF : 35.2/17

Left In: 97.032 ± 48.815 χ^2/NDF : 1.9/2

Left: 91.987 ± 33.823 χ^2/NDF : 2.7/6

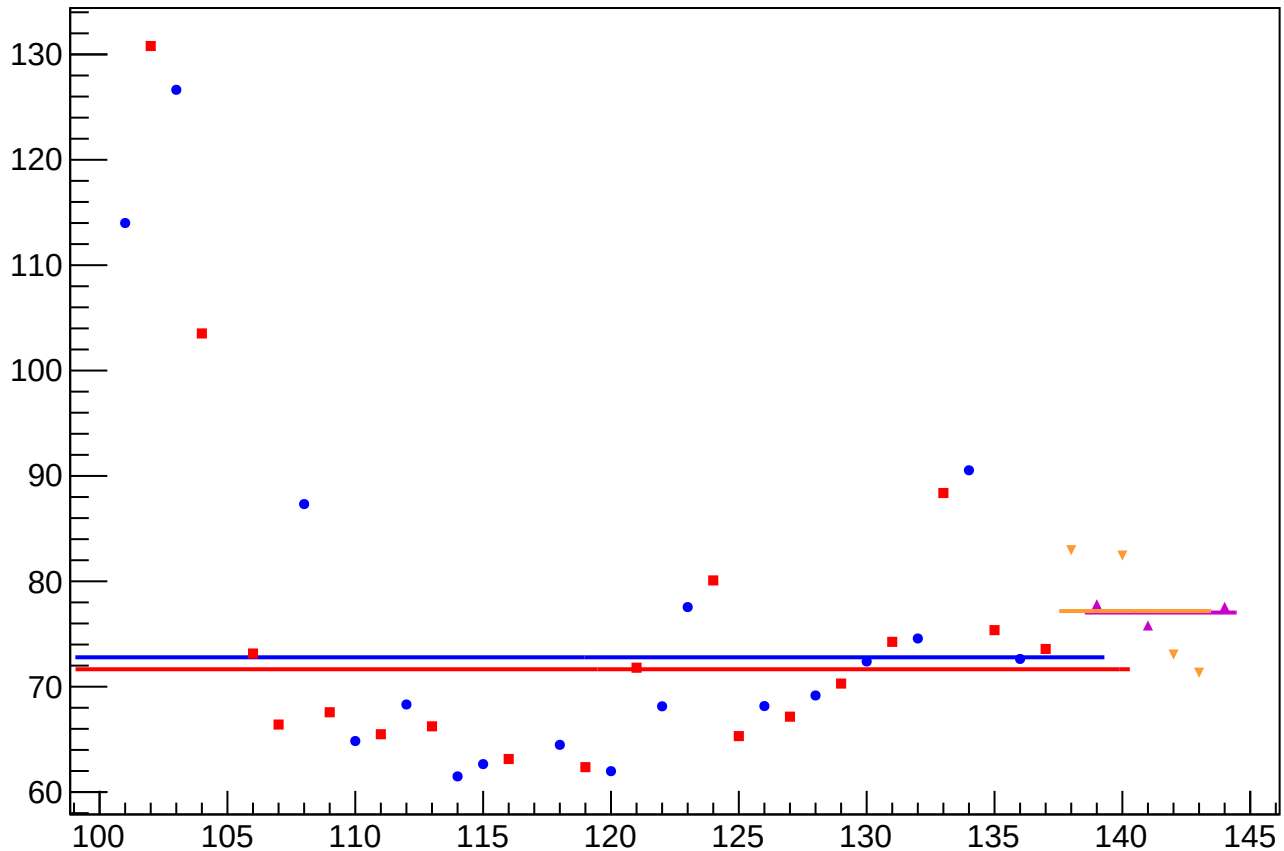
Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34

In: -17.974 ± 24.736 χ^2/NDF : 18.5/19

Out: -10.538 ± 23.859 χ^2/NDF : 41.8/21

All: -14.122 ± 17.173 χ^2/NDF : 60.4/41

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 77.179 $\pm$ 0.033 χ^2 /NDF:26638.3/3

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: 77.111 $\pm$ 0.024 χ^2 /NDF: 27332.1/6

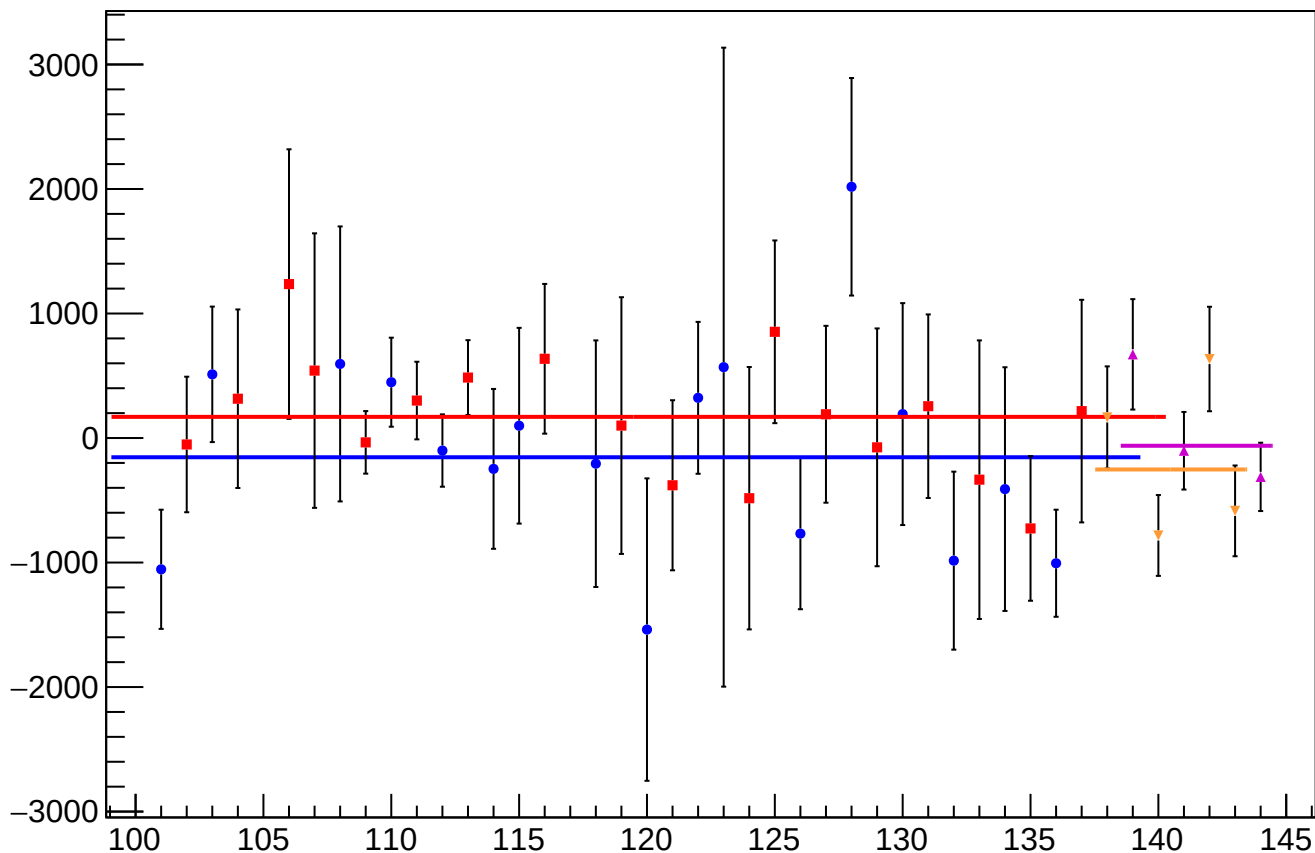
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 73.880 $\pm$ 0.017 χ^2 /NDF:476709.7/19

Out: 73.084 $\pm$ 0.017 χ^2 /NDF:451575.6/21

All: 73.468 $\pm$ 0.012 χ^2 /NDF: 929358.4/41

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -252.525 ± 186.790 $\chi^2/\text{NDF}: 9.0/3$

Right Out: 170.028 ± 126.220 $\chi^2/\text{NDF}: 8.4/17$

Left In: -62.106 ± 186.764 $\chi^2/\text{NDF}: 3.6/2$

Left: -157.302 ± 132.071 $\chi^2/\text{NDF}: 13.1/6$

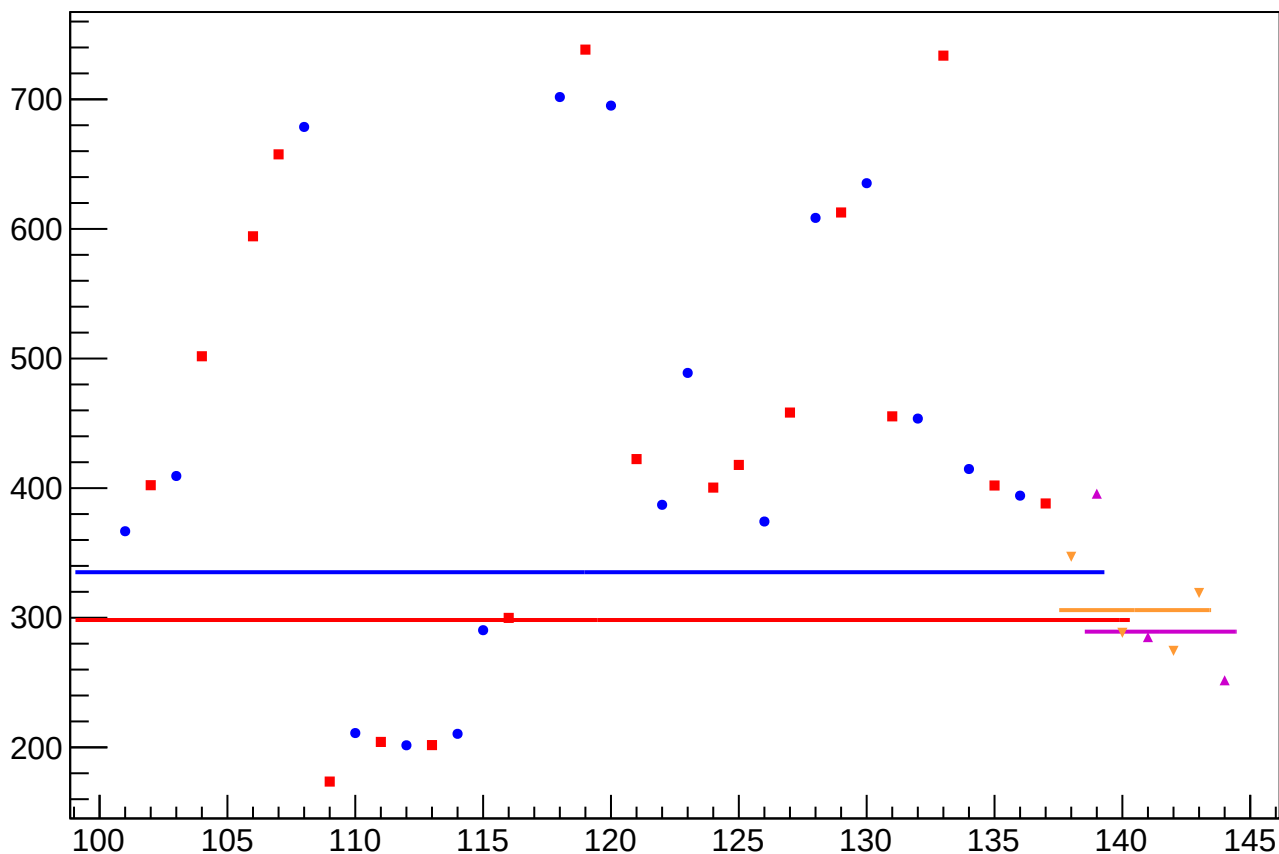
Right: 25.360 ± 93.955 $\chi^2/\text{NDF}: 34.5/34$

In: -120.987 ± 112.379 $\chi^2/\text{NDF}: 26.9/19$

Out: 37.568 ± 104.582 $\chi^2/\text{NDF}: 20.9/21$

All: -36.019 ± 76.559 $\chi^2/\text{NDF}: 48.9/41$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 305.893+/-0.132 χ^2/NDF : 39872.2/3

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: 297.577+/-0.093 χ^2/NDF : 200874.3/6

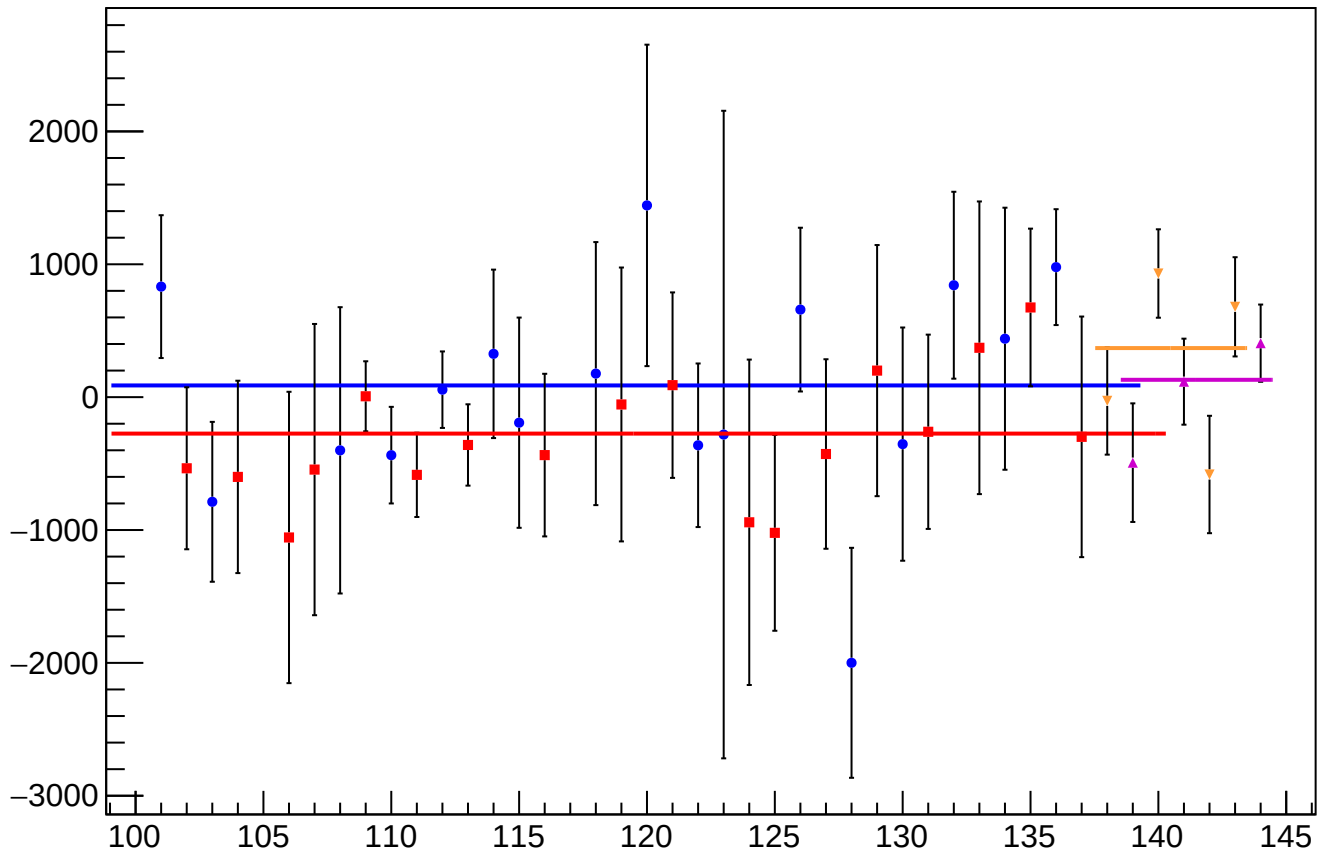
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 318.526+/-0.079 χ^2/NDF : 2224084.8/19

Out: 300.648+/-0.074 χ^2/NDF : 2818724.8/21

All: 308.946+/-0.054 χ^2/NDF : 5069935.3/41

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 369.314+/-190.962 χ^2/NDF :9.1/3

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: 252.185+/-136.302 χ^2/NDF : 12.8/6

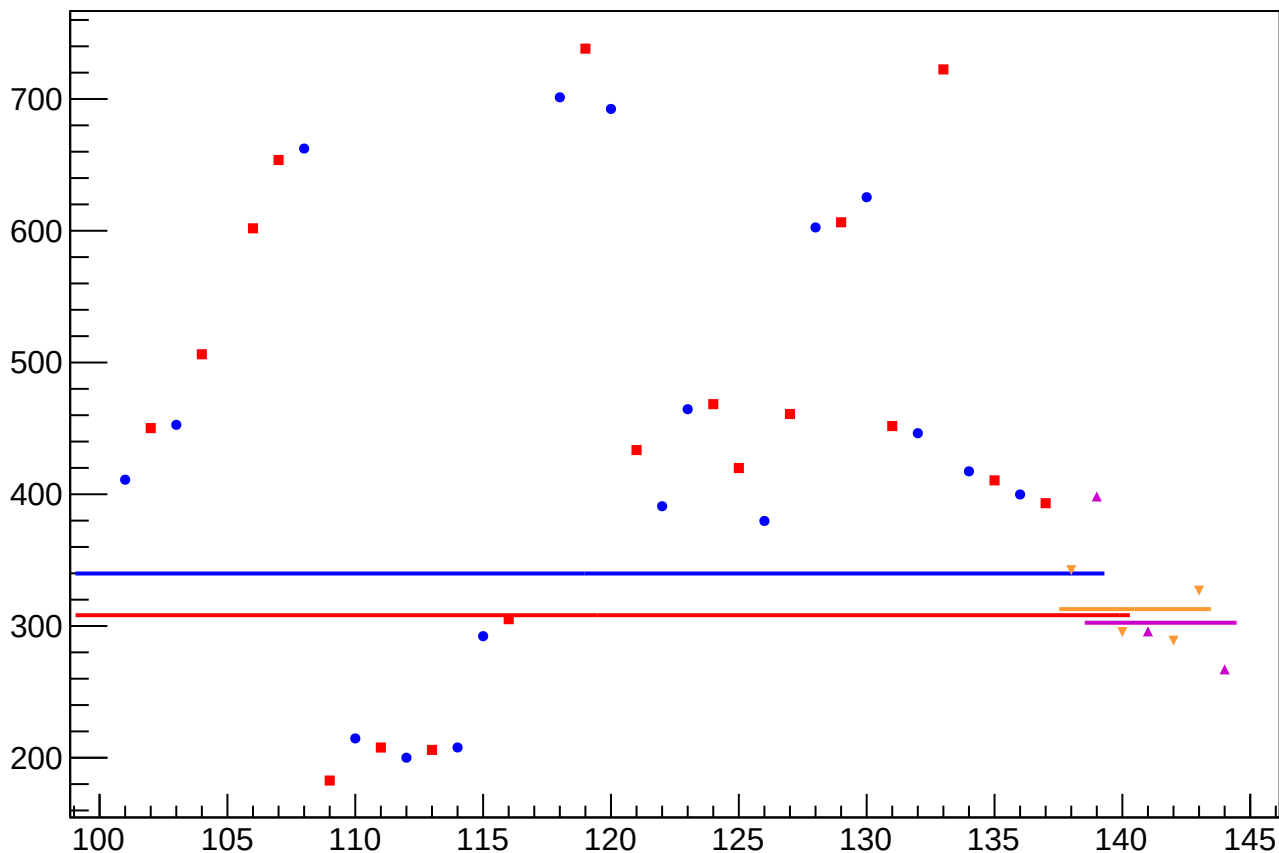
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 102.991+/-115.245 χ^2/NDF :23.7/19

Out: -70.795+/-107.387 χ^2/NDF :24.9/21

All: 9.972+/-78.565 χ^2/NDF : 49.8/41

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 312.841+/-0.135 χ^2/NDF : 24881.7/3

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: 307.757+/-0.096 χ^2/NDF : 150474.5/6

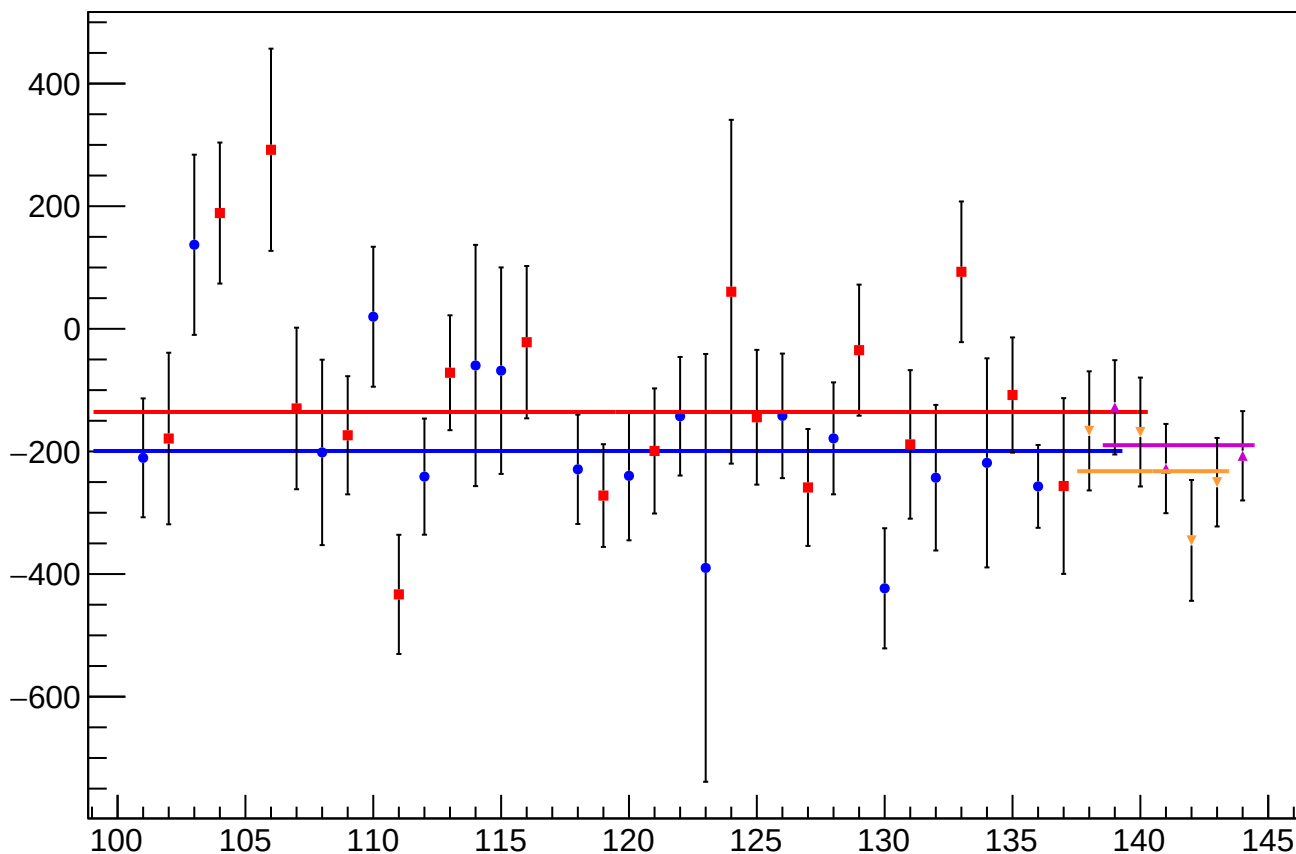
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 326.744+/-0.081 χ^2/NDF : 2214117.9/19

Out: 309.667+/-0.076 χ^2/NDF : 2724518.5/21

All: 317.603+/-0.056 χ^2/NDF : 4962142.2/41

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -232.209 ± 43.532 $\chi^2/\text{NDF}: 2.3/3$

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: -210.647 ± 30.514 $\chi^2/\text{NDF}: 3.8/6$

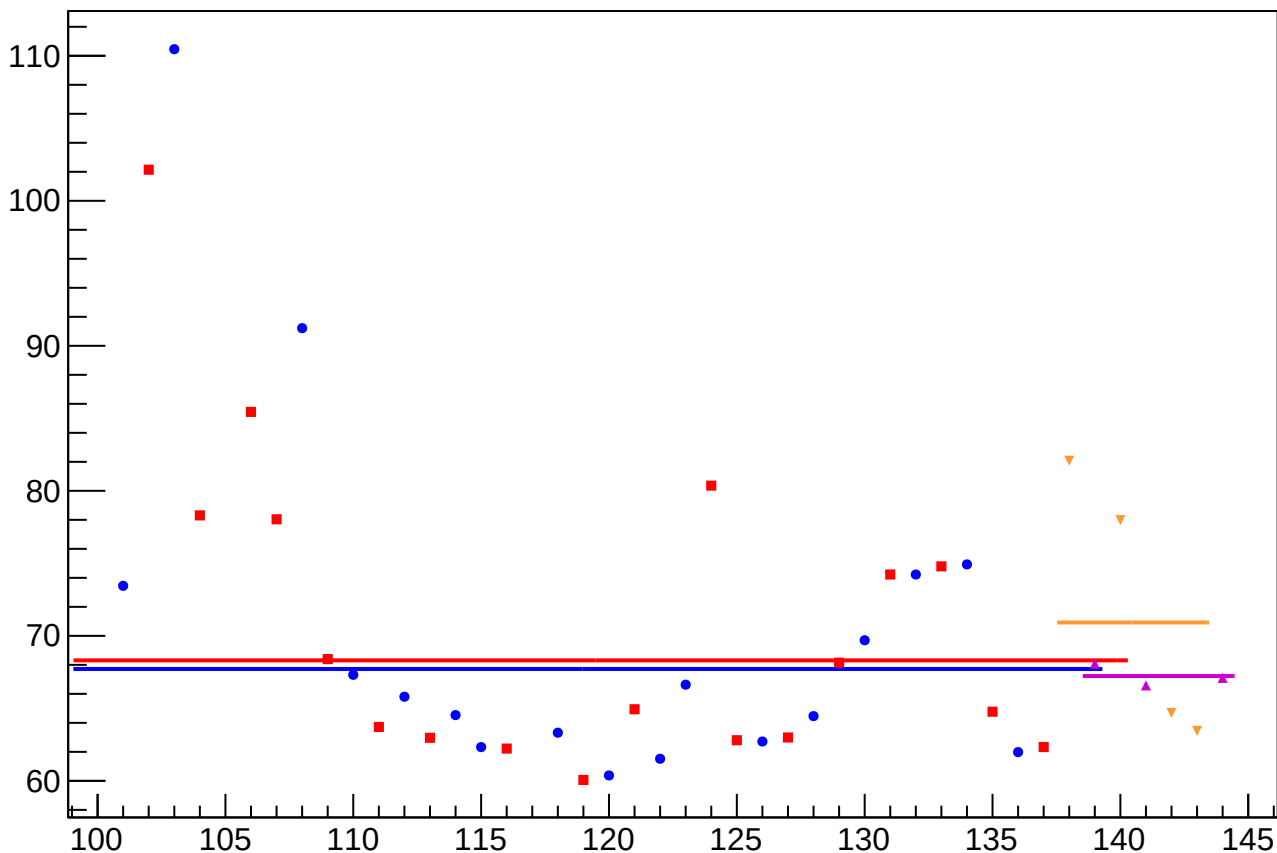
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -196.634 ± 22.538 $\chi^2/\text{NDF}: 18.6/19$

Out: -161.382 ± 22.481 $\chi^2/\text{NDF}: 42.6/21$

All: -178.963 ± 15.917 $\chi^2/\text{NDF}: 62.5/41$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 70.922 $\pm$ 0.031 χ^2 /NDF: 68467.4/3

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: 69.043 $\pm$ 0.022 χ^2 /NDF: 76206.8/6

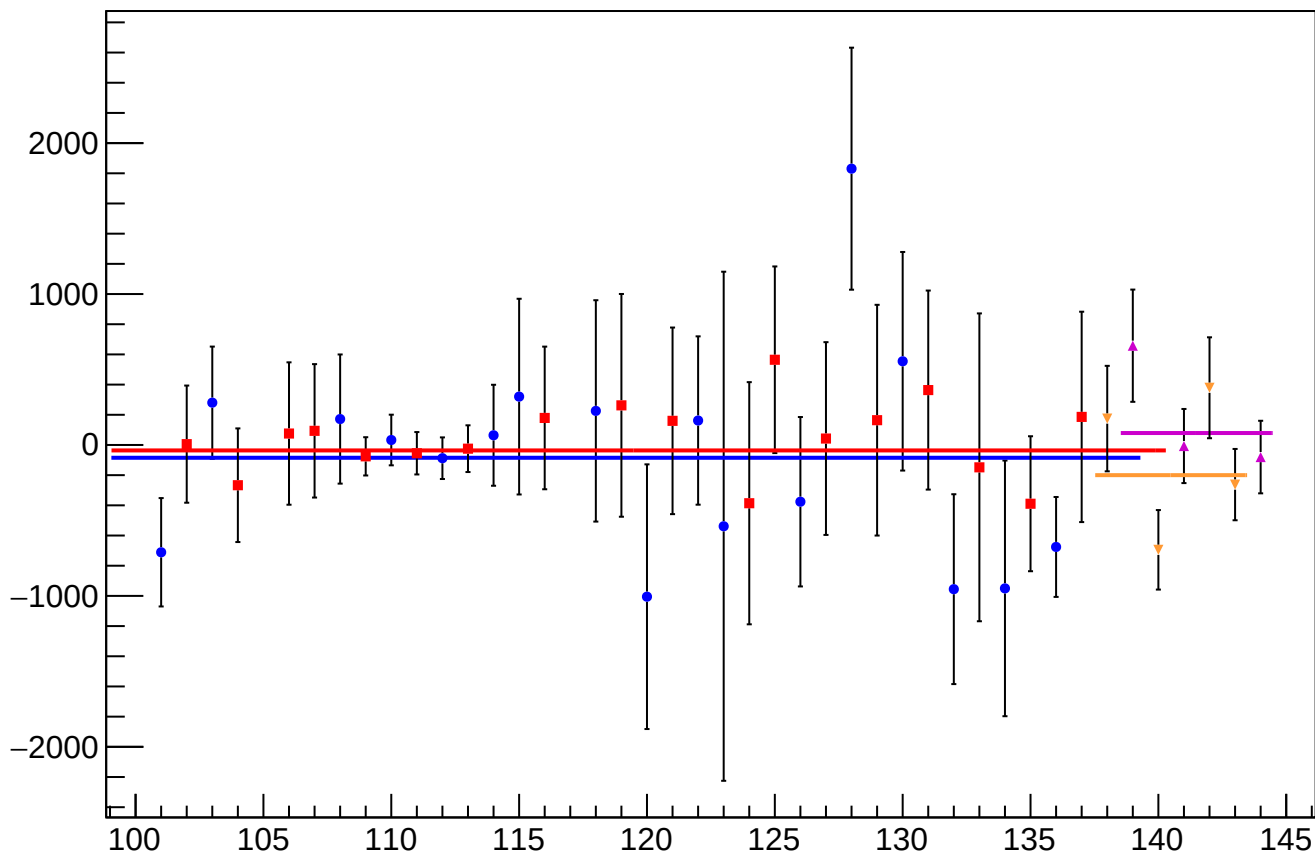
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 67.580 $\pm$ 0.016 χ^2 /NDF: 283492.4/19

Out: 69.006 $\pm$ 0.016 χ^2 /NDF: 308068.7/21

All: 68.295 $\pm$ 0.011 χ^2 /NDF: 595571.4/41

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759+/-82.667 χ^2/NDF : 19.9/16

Left Out: -199.999+/-142.185 χ^2/NDF : 7.7/3

Right Out: -36.132+/-69.750 χ^2/NDF : 3.4/17

Left In: 79.158+/-155.953 χ^2/NDF : 3.0/2

Left: -73.285+/-105.071 χ^2/NDF : 12.5/6

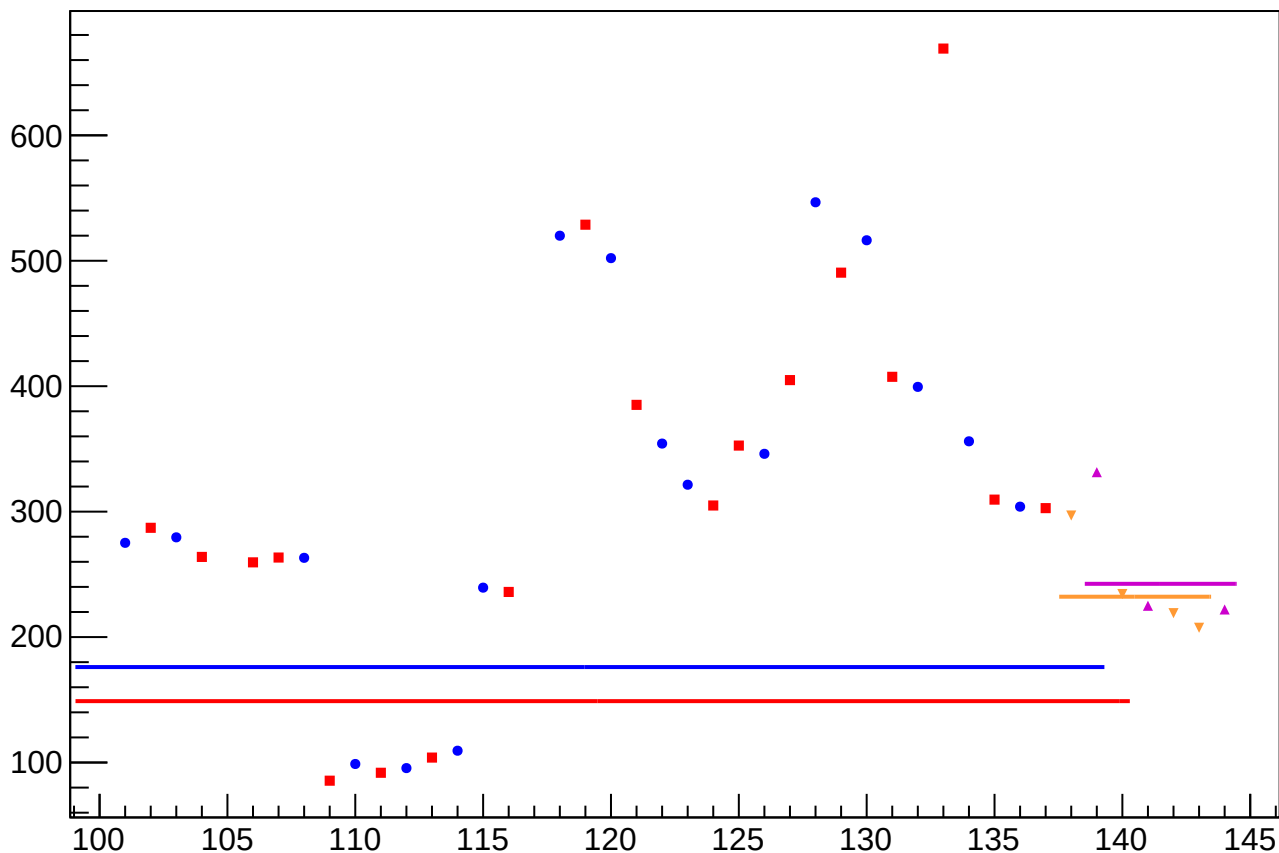
Right: -56.354+/-53.310 χ^2/NDF : 23.5/34

In: -48.804+/-73.040 χ^2/NDF : 23.7/19

Out: -67.917+/-62.621 χ^2/NDF : 12.3/21

All: -59.820+/-47.541 χ^2/NDF : 36.0/41

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 232.183 $\pm$ 0.101 χ^2/NDF : 93790.2/3

Right Out: 148.932 $\pm$ 0.049 χ^2/NDF : 4770916.6/17

Left In: 242.456 $\pm$ 0.110 χ^2/NDF : 139202.5/2

Left: 236.846 $\pm$ 0.074 χ^2/NDF : 237732.0/6

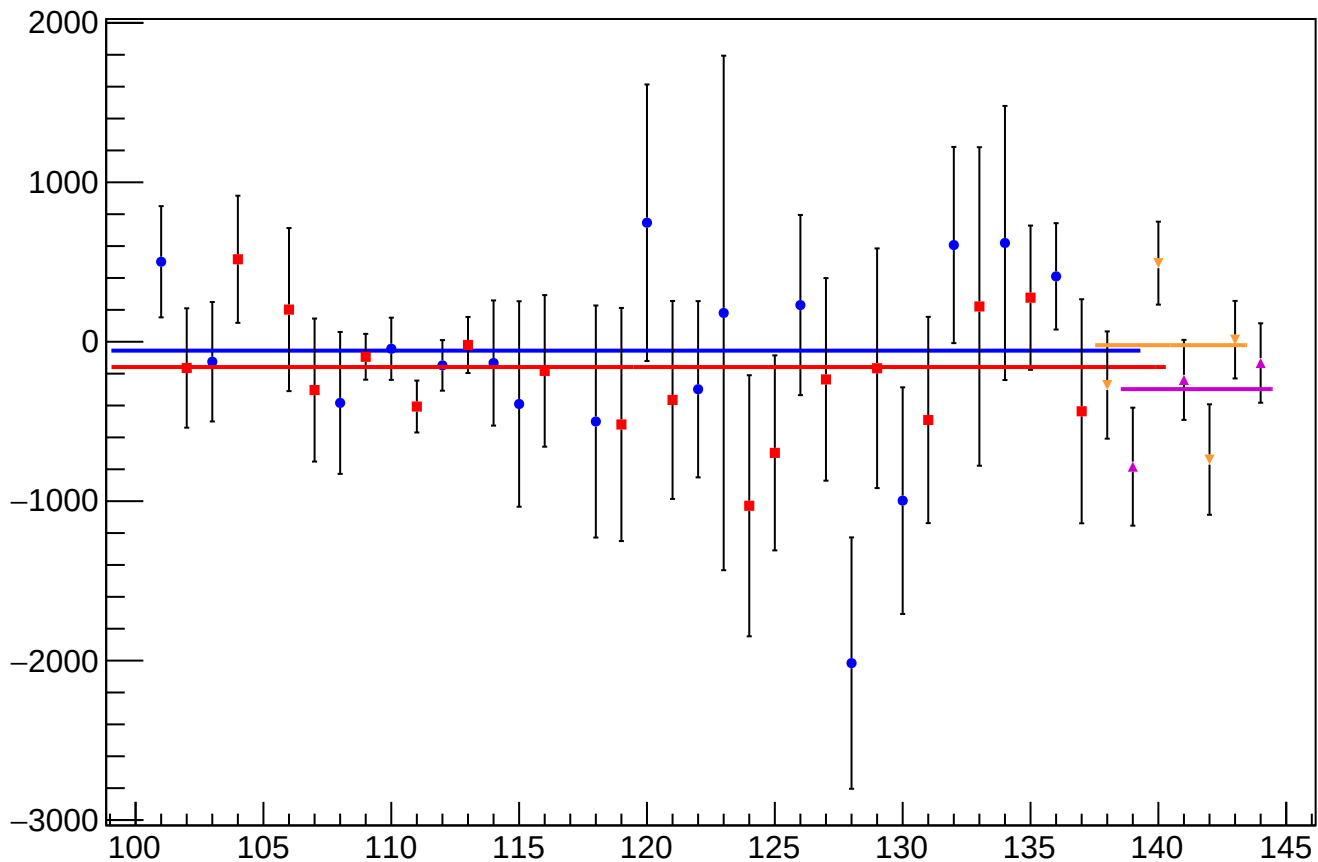
Right: 160.228 $\pm$ 0.038 χ^2/NDF : 9120718.3/34

In: 190.652 $\pm$ 0.052 χ^2/NDF : 4645544.1/19

Out: 165.080 $\pm$ 0.044 χ^2/NDF : 5417366.7/21

All: 175.914 $\pm$ 0.034 χ^2/NDF : 10204208.6/41

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: -21.483 ± 143.071 $\chi^2/\text{NDF}: 8.8/3$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -297.084 ± 159.512 $\chi^2/\text{NDF}: 2.2/2$

Left: -144.352 ± 106.506 $\chi^2/\text{NDF}: 12.6/6$

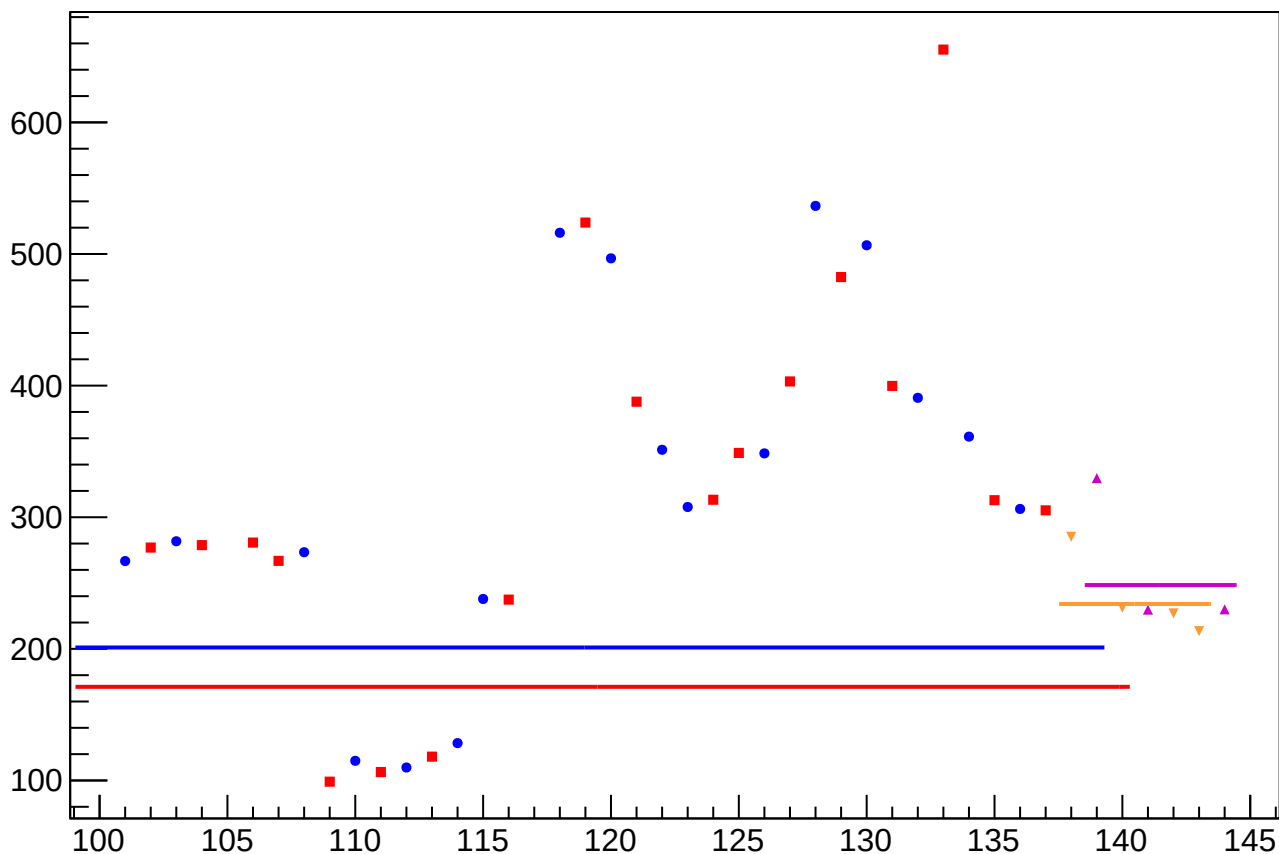
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -114.568 ± 78.761 $\chi^2/\text{NDF}: 21.1/19$

Out: -127.818 ± 67.853 $\chi^2/\text{NDF}: 19.9/21$

All: -122.173 ± 51.407 $\chi^2/\text{NDF}: 41.0/41$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 234.098 $\pm$ 0.101 χ^2 /NDF: 61518.9/3

Right Out: 171.159 $\pm$ 0.054 χ^2 /NDF: 4065598.7/17

Left In: 248.483 $\pm$ 0.113 χ^2 /NDF: 118528.5/2

Left: 240.511 $\pm$ 0.075 χ^2 /NDF: 189061.0/6

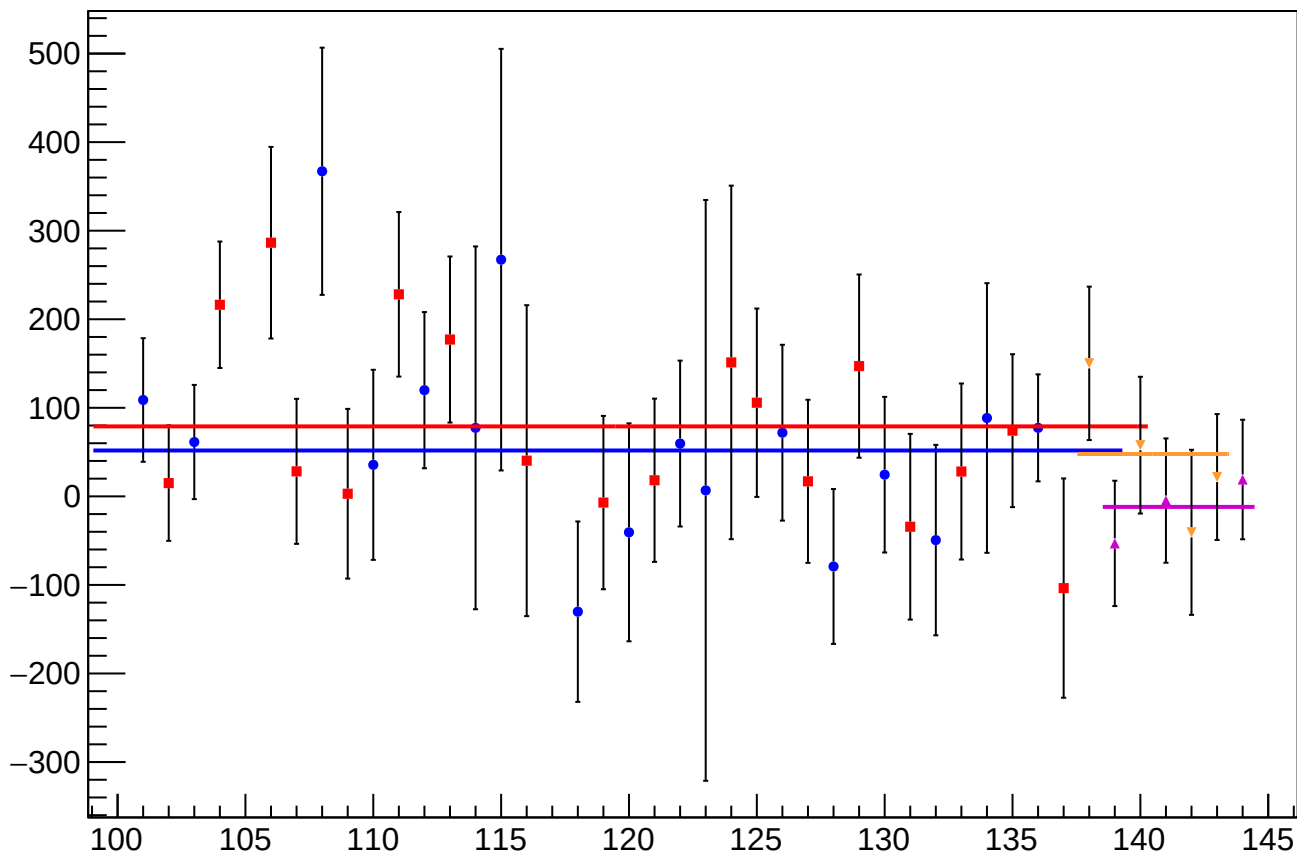
Right: 183.707 $\pm$ 0.042 χ^2 /NDF: 7624855.0/34

In: 212.604 $\pm$ 0.056 χ^2 /NDF: 3685363.2/19

Out: 185.315 $\pm$ 0.048 χ^2 /NDF: 4427109.9/21

All: 196.941 $\pm$ 0.036 χ^2 /NDF: 8250278.6/41

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: 47.826 $\pm$ 40.352 χ^2 /NDF:2.4/3

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: 17.773 $\pm$ 28.439 χ^2 /NDF: 4.1/6

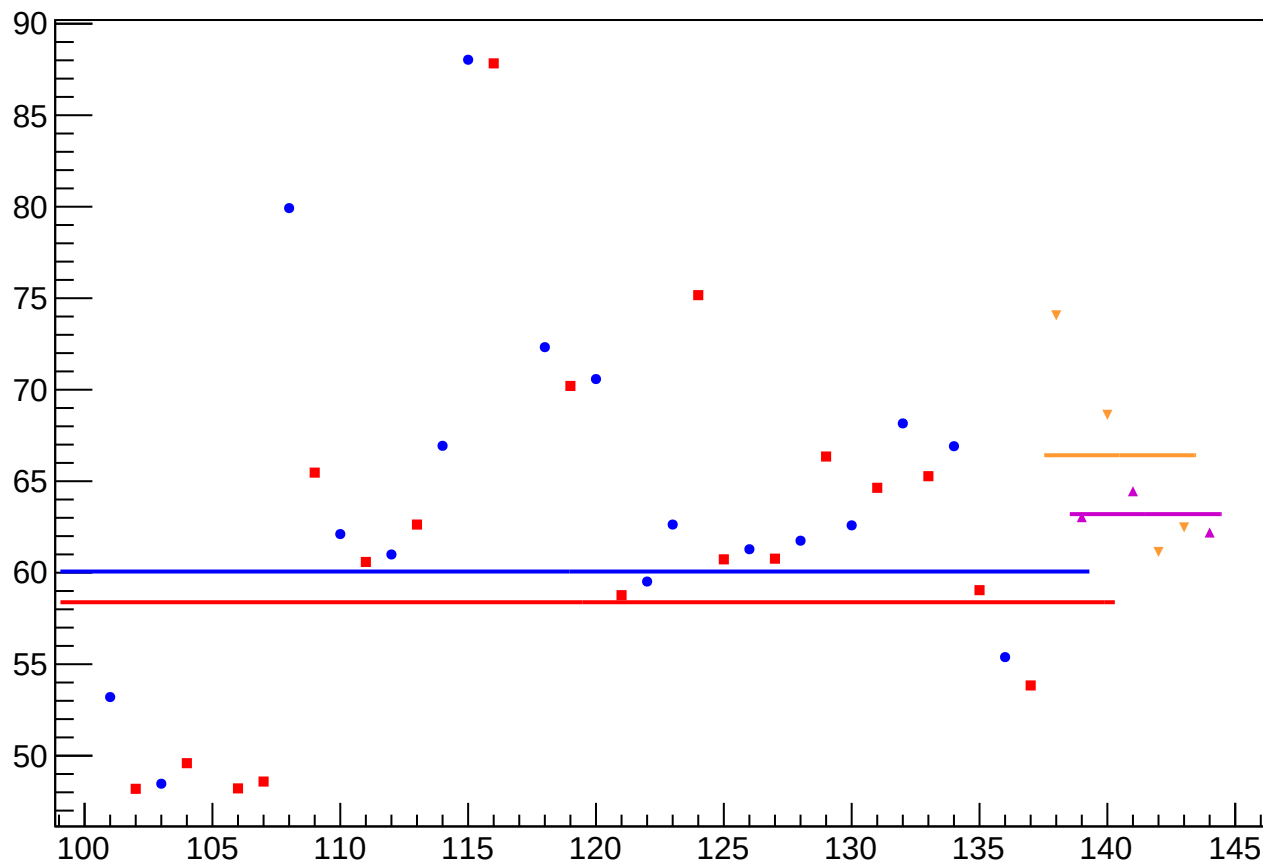
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 35.472 $\pm$ 20.298 χ^2 /NDF:17.0/19

Out: 71.613 $\pm$ 19.651 χ^2 /NDF:21.9/21

All: 54.127 $\pm$ 14.118 χ^2 /NDF: 40.5/41

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: 66.419 $\pm$ 0.029 χ^2/NDF : 29807.4/3

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: 64.800 $\pm$ 0.020 χ^2/NDF : 37296.8/6

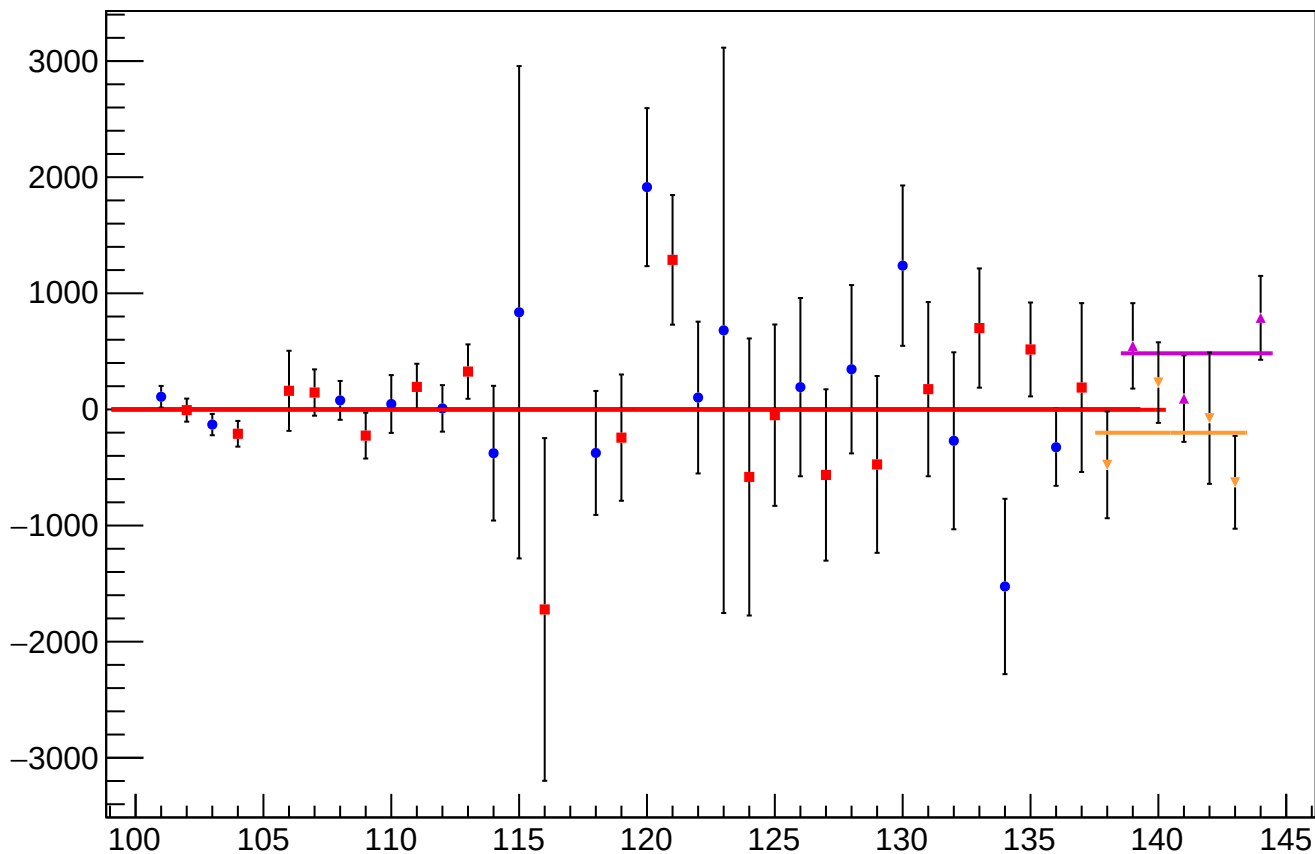
Right: 59.188 $\pm$ 0.012 χ^2/NDF : 509429.8/34

In: 60.869 $\pm$ 0.014 χ^2/NDF : 239293.4/19

Out: 60.292 $\pm$ 0.014 χ^2/NDF : 365281.5/21

All: 60.571 $\pm$ 0.010 χ^2/NDF : 605410.5/41

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -200.727+/-211.148 χ^2/NDF : 3.1/3

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: 140.008+/-149.575 χ^2/NDF : 10.2/6

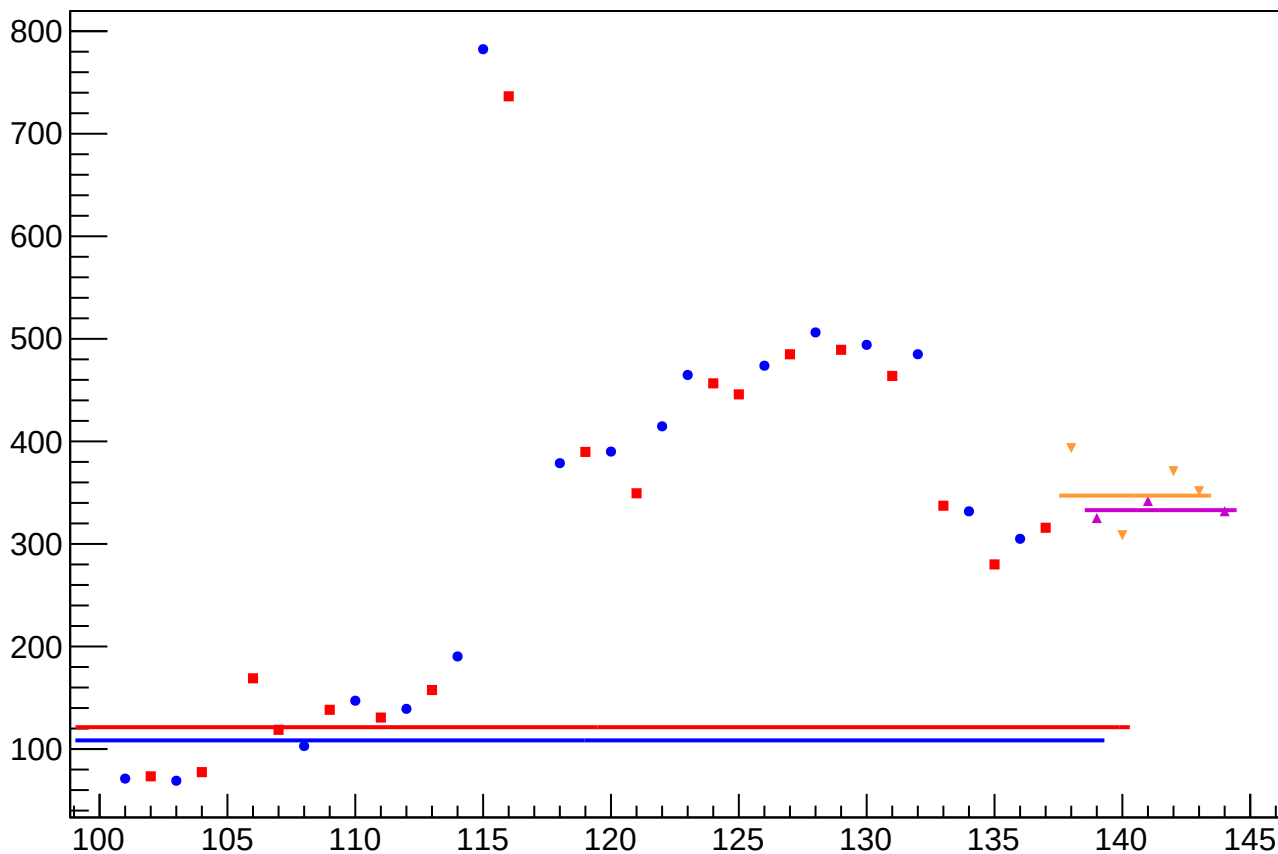
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 31.239+/-52.586 χ^2/NDF : 28.1/19

Out: -16.486+/-54.680 χ^2/NDF : 24.2/21

All: 8.308+/-37.903 χ^2/NDF : 52.6/41

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: 347.098 $\pm$ 0.149 χ^2 /NDF: 48865.0/3

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: 340.047 $\pm$ 0.106 χ^2 /NDF: 55370.5/6

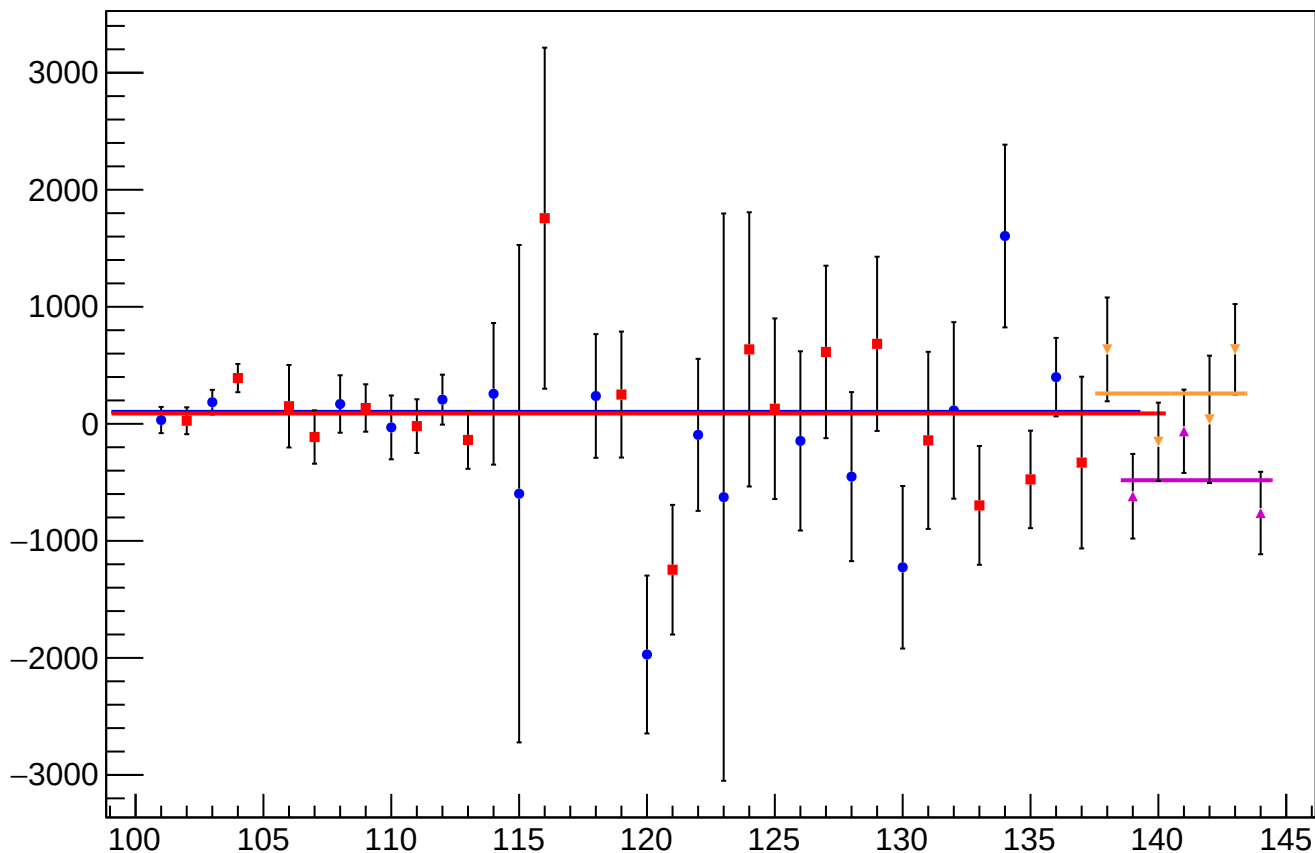
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 122.269 $\pm$ 0.037 χ^2 /NDF: 7512480.7/19

Out: 136.446 $\pm$ 0.039 χ^2 /NDF: 6914142.3/21

All: 129.081 $\pm$ 0.027 χ^2 /NDF: 14496467.4/41

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 259.525 $\pm$ 203.666 χ^2 /NDF:3.4/3

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -481.890 $\pm$ 205.811 χ^2 /NDF:2.2/2

Left: -107.298 $\pm$ 144.766 χ^2 /NDF: 12.1/6

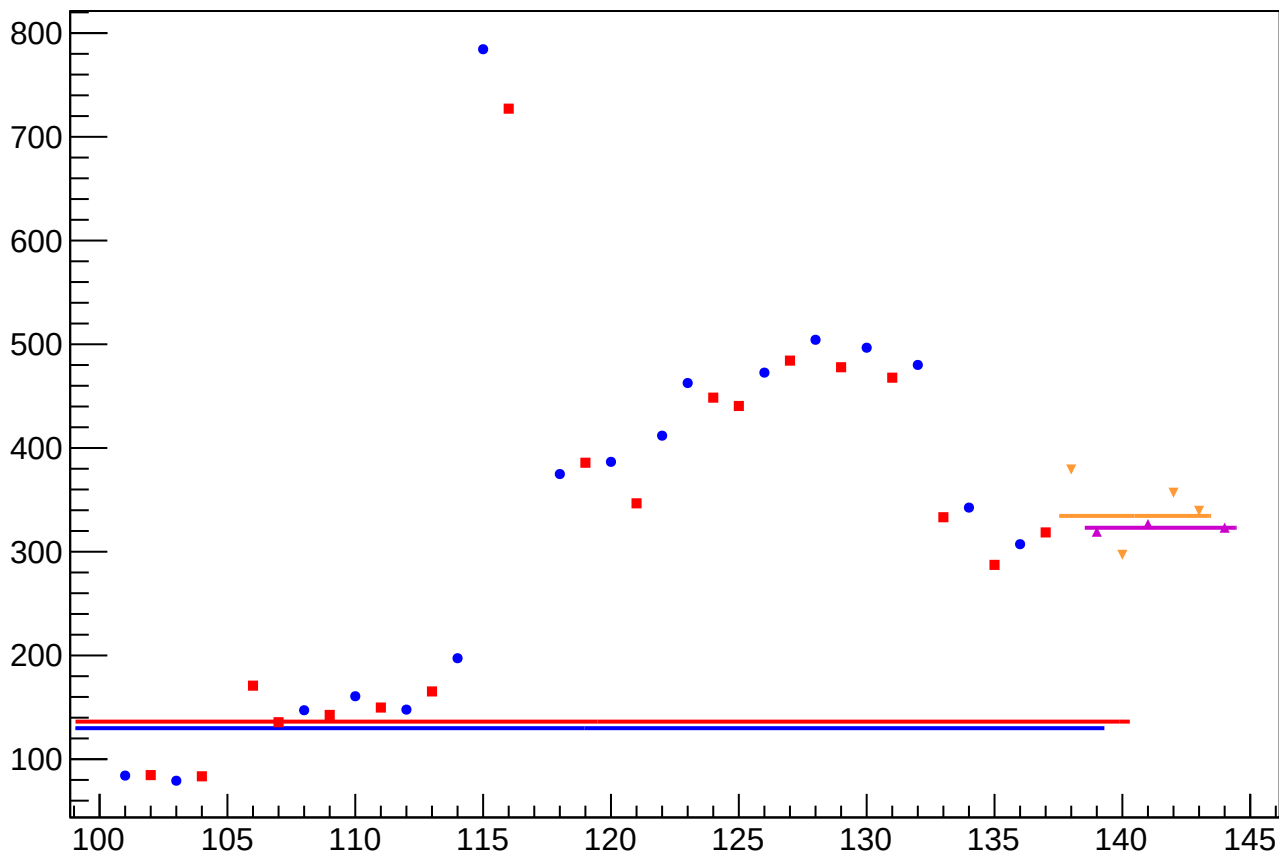
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 51.993 $\pm$ 60.352 χ^2 /NDF:29.8/19

Out: 103.415 $\pm$ 59.514 χ^2 /NDF:25.7/21

All: 78.064 $\pm$ 42.376 χ^2 /NDF: 55.9/41

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 334.536 $\pm$ 0.144 χ^2 /NDF:49208.6/3

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 323.105 $\pm$ 0.146 χ^2 /NDF:425.1/2

Left: 328.880 $\pm$ 0.102 χ^2 /NDF: 52750.7/6

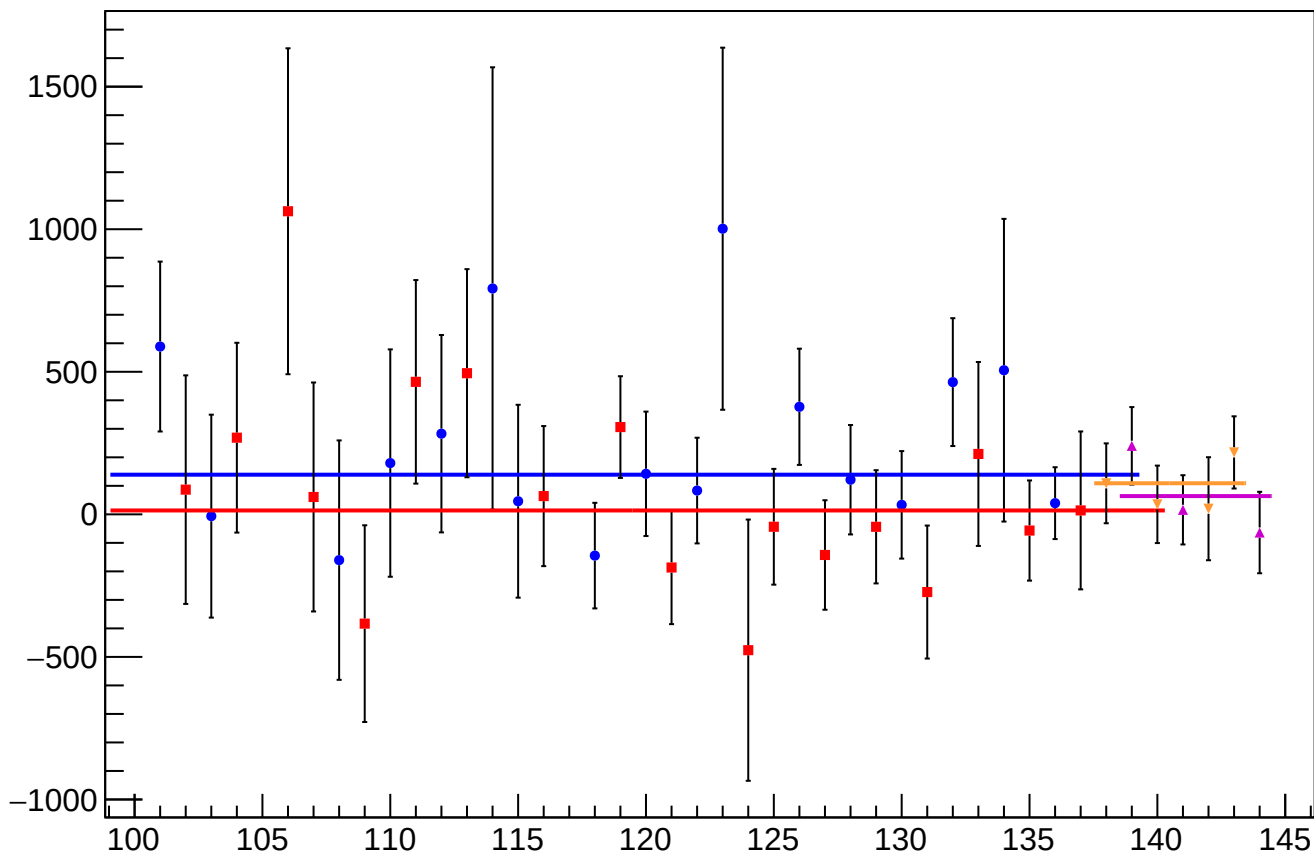
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 146.499 $\pm$ 0.043 χ^2 /NDF:6441154.9/19

Out: 153.158 $\pm$ 0.042 χ^2 /NDF:6066297.5/21

All: 149.875 $\pm$ 0.030 χ^2 /NDF: 12519798.5/41

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: 109.041 $\pm$ 71.036 χ^2 /NDF:1.3/3

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: 88.210 $\pm$ 52.054 χ^2 /NDF: 4.1/6

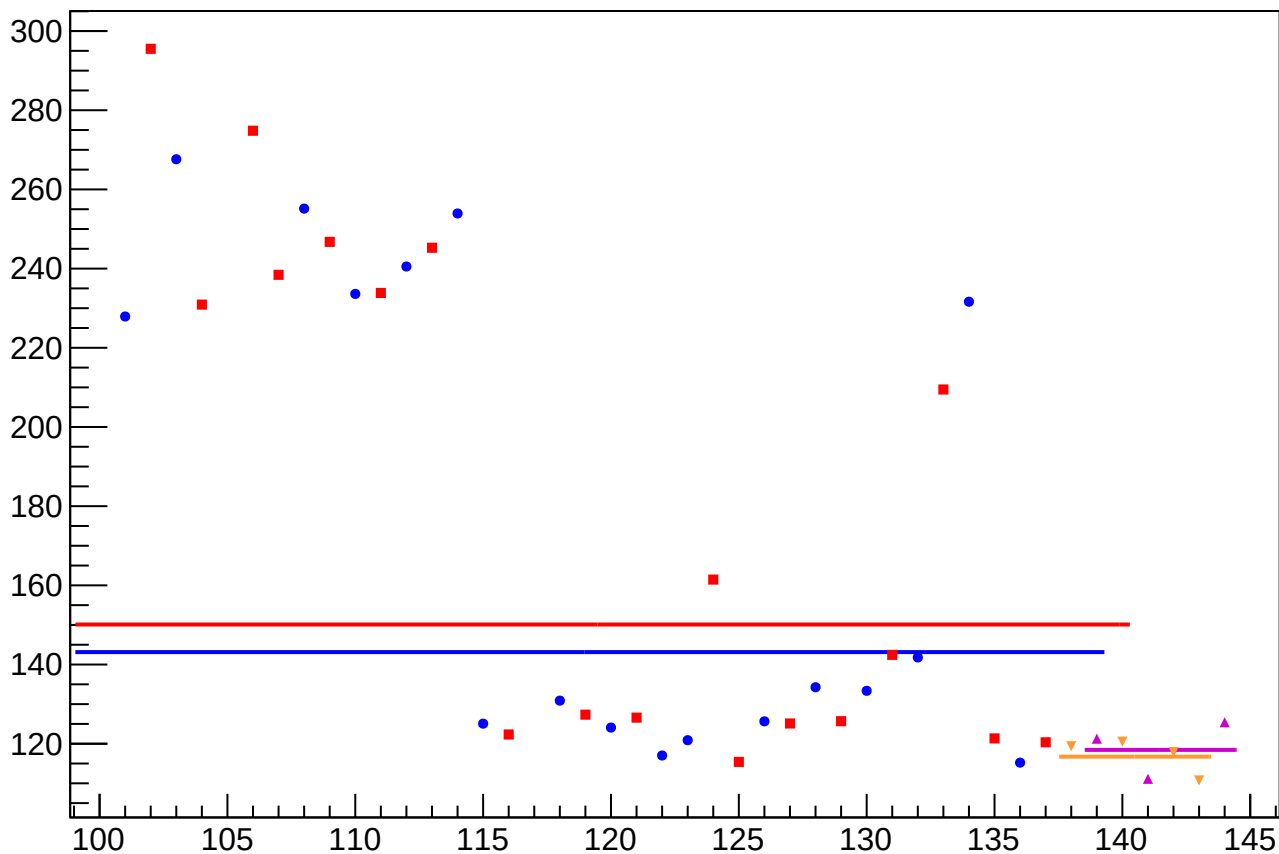
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 111.713 $\pm$ 46.209 χ^2 /NDF:16.3/19

Out: 53.459 $\pm$ 45.894 χ^2 /NDF:18.7/21

All: 82.387 $\pm$ 32.563 χ^2 /NDF: 35.9/41

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: 116.731 $\pm$ 0.050 χ^2 /NDF: 6847.5/3

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: 117.524 $\pm$ 0.037 χ^2 /NDF: 20249.4/6

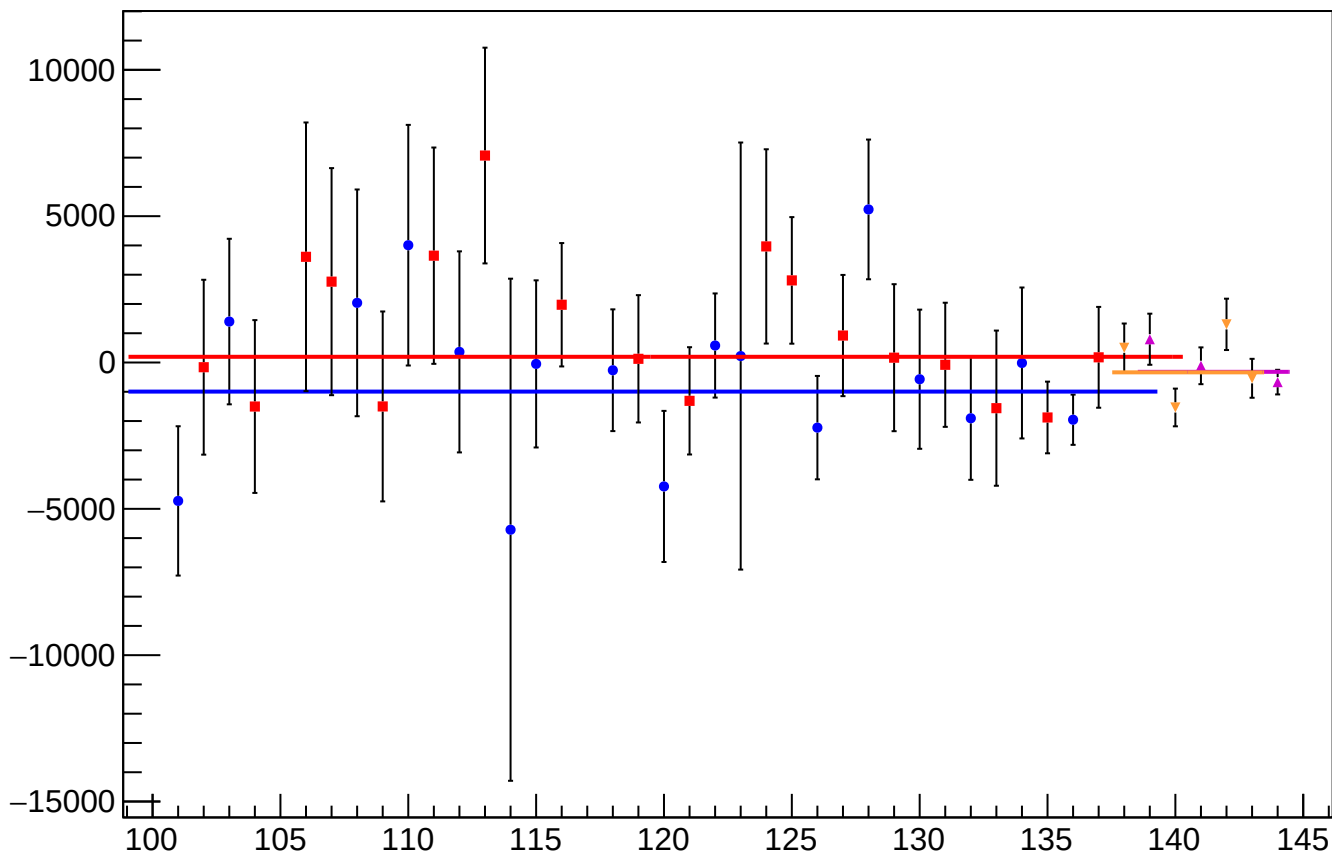
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 134.129 $\pm$ 0.033 χ^2 /NDF: 1246512.5/19

Out: 136.177 $\pm$ 0.032 χ^2 /NDF: 1596877.8/21

All: 135.160 $\pm$ 0.023 χ^2 /NDF: 2845368.4/41

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -336.310+/-367.033 χ^2/NDF : 8.1/3

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: -326.387+/-243.142 χ^2/NDF : 10.5/6

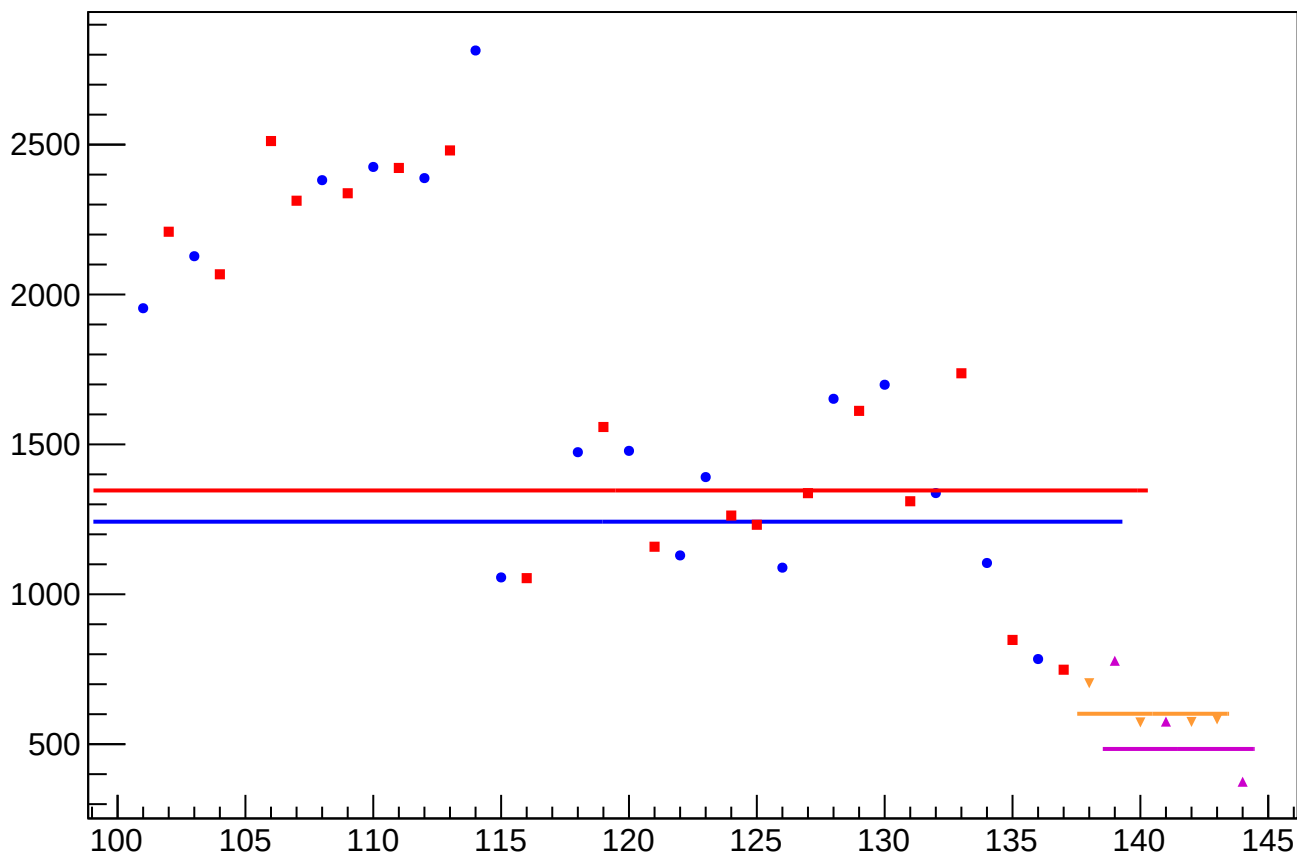
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -509.788+/-274.812 χ^2/NDF : 20.6/19

Out: -170.019+/-304.227 χ^2/NDF : 22.3/21

All: -357.119+/-203.930 χ^2/NDF : 43.6/41

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 601.468+/-0.260 χ^2/NDF : 37693.4/3

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: 535.583+/-0.172 χ^2/NDF : 556774.3/6

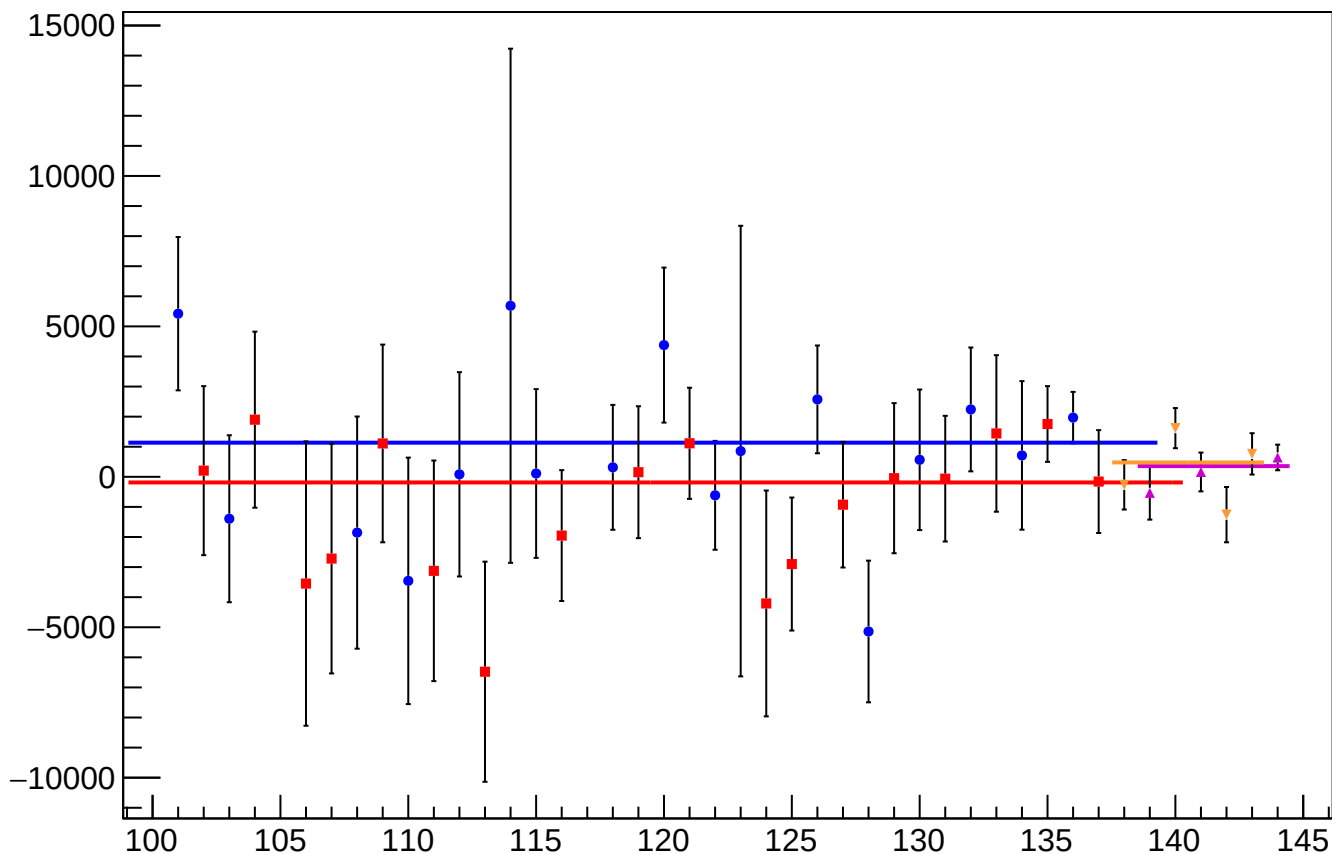
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 698.707+/-0.194 χ^2/NDF : 5260938.0/19

Out: 834.579+/-0.215 χ^2/NDF : 4424753.8/21

All: 759.759+/-0.144 χ^2/NDF : 9905369.5/41

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 478.346 $\pm$ 377.191 χ^2 /NDF: 7.5/3

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: 408.826 $\pm$ 248.377 χ^2 /NDF: 9.1/6

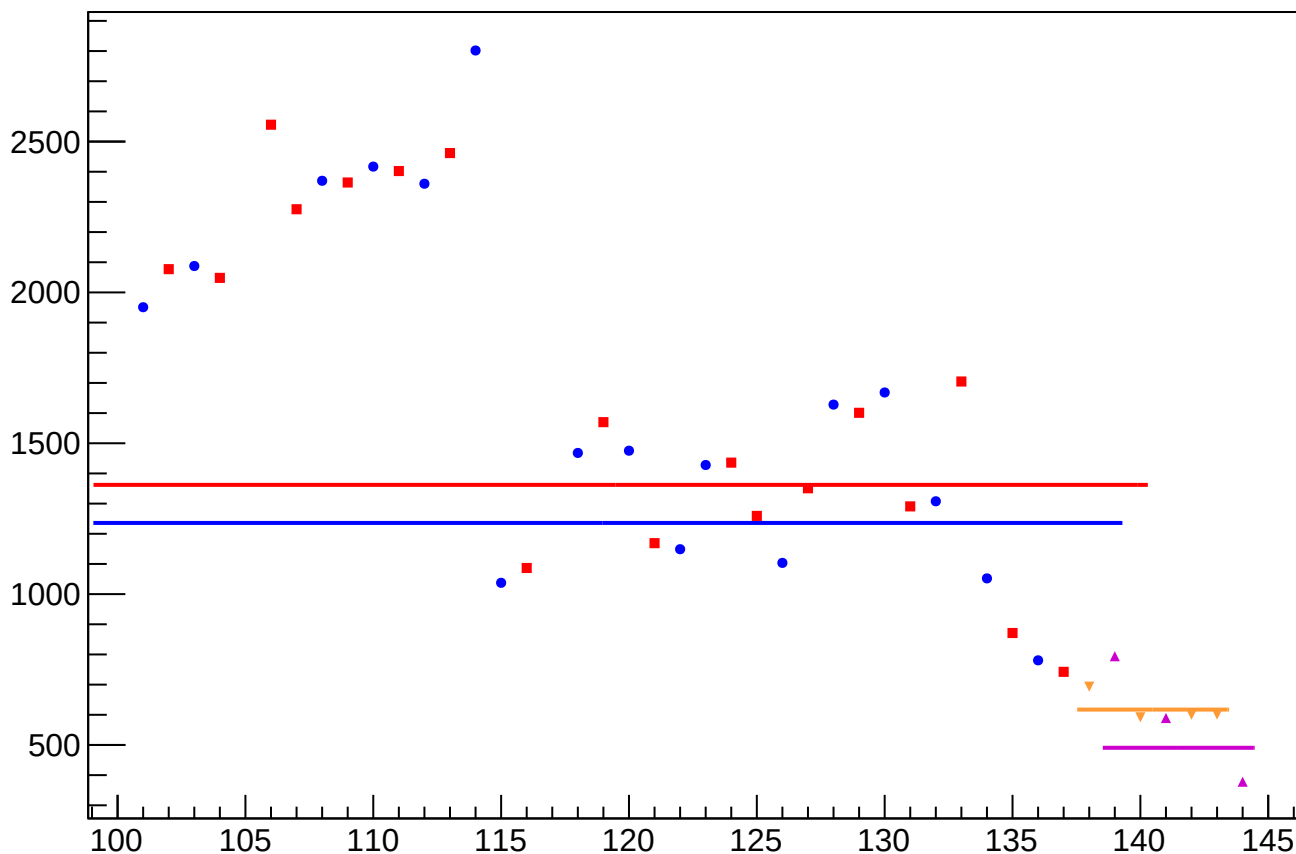
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 583.333 $\pm$ 277.675 χ^2 /NDF: 21.0/19

Out: 264.398 $\pm$ 310.739 χ^2 /NDF: 20.4/21

All: 441.731 $\pm$ 207.053 χ^2 /NDF: 42.0/41

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 617.260+/-0.267 χ^2/NDF : 21874.6/3

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 490.626+/-0.233 χ^2/NDF : 418571.8/2

Left: 545.535+/-0.176 χ^2/NDF : 568126.6/6

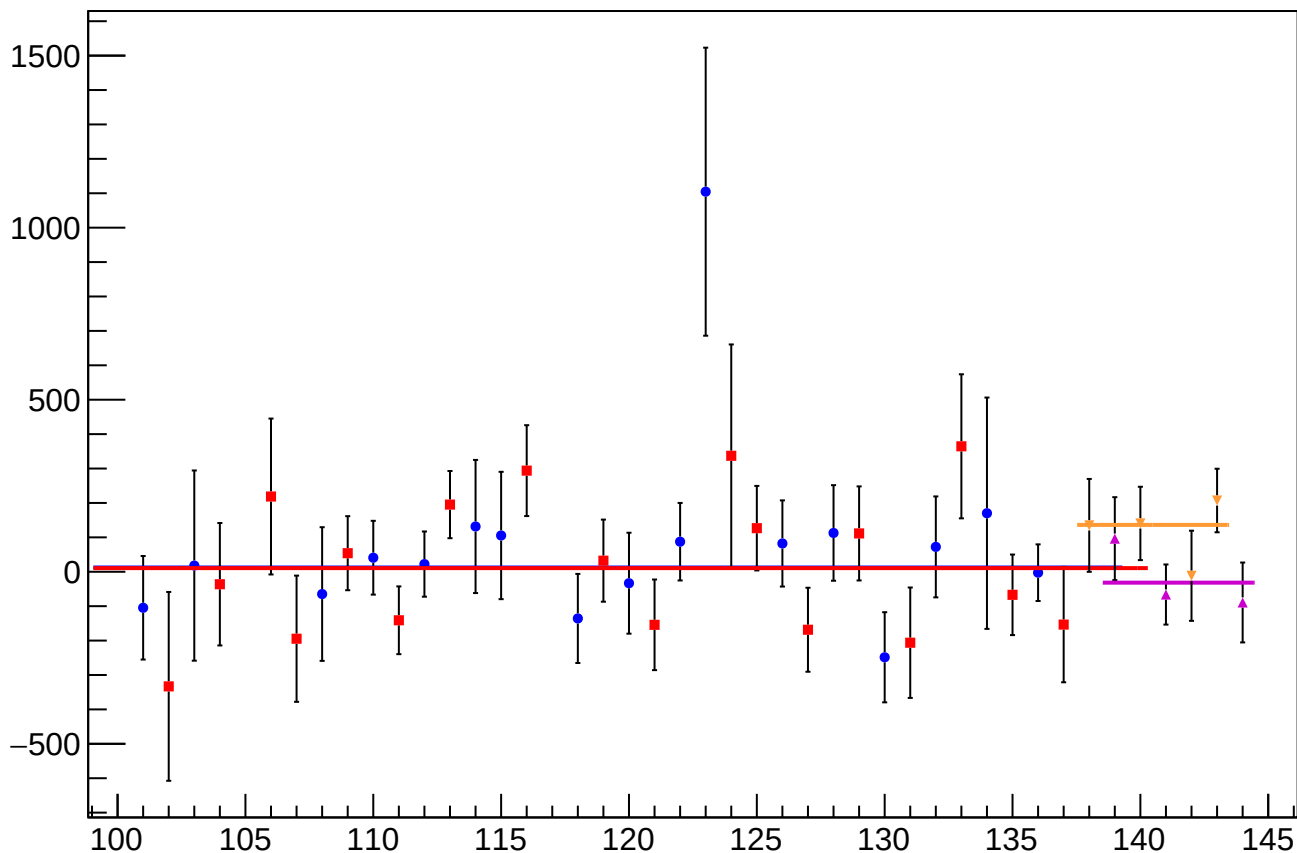
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 708.334+/-0.196 χ^2/NDF : 5143758.6/19

Out: 856.584+/-0.220 χ^2/NDF : 4236962.0/21

All: 774.155+/-0.146 χ^2/NDF : 9633832.2/41

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 136.188+/-56.031 χ^2/NDF : 1.9/3

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: 58.567+/-41.080 χ^2/NDF : 7.5/6

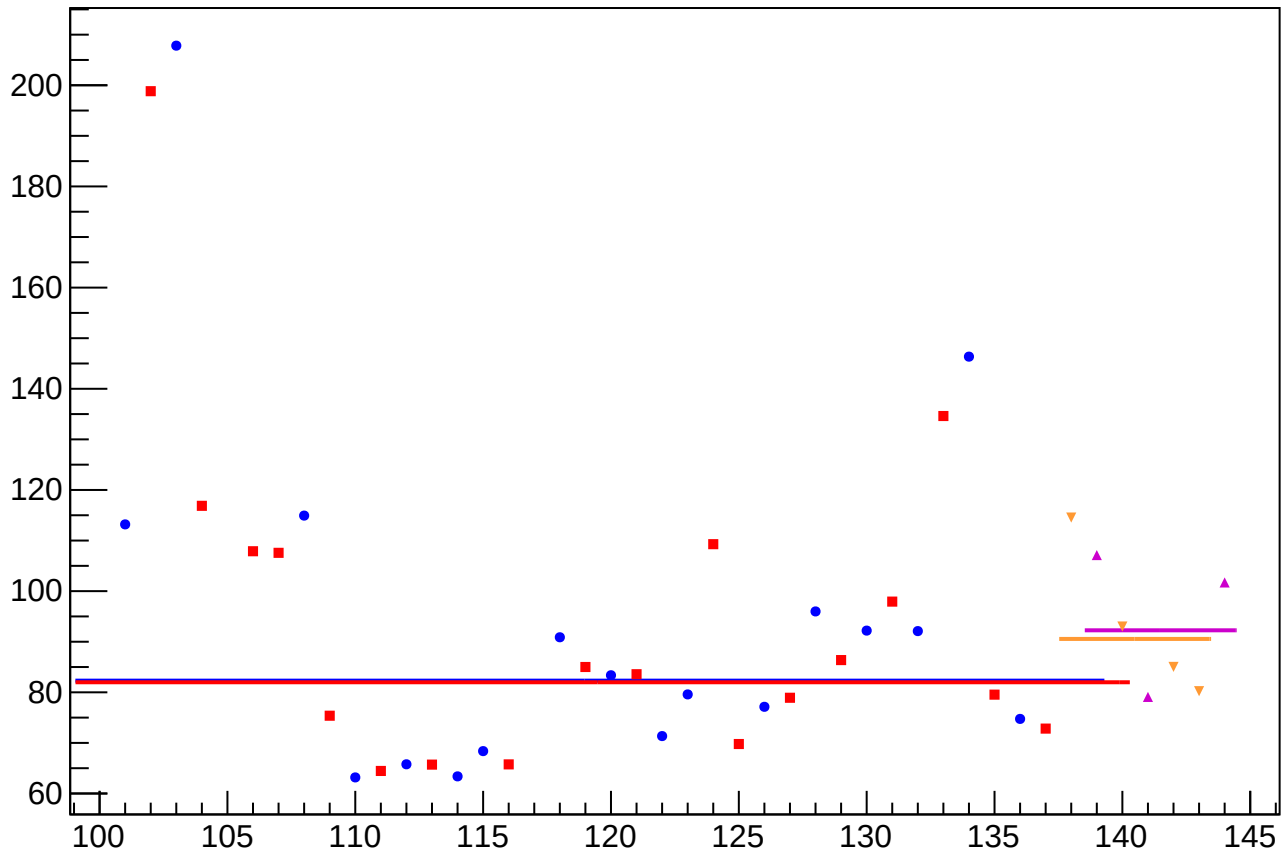
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 2.096+/-29.114 χ^2/NDF : 17.3/19

Out: 42.364+/-28.181 χ^2/NDF : 32.4/21

All: 22.885+/-20.249 χ^2/NDF : 50.6/41

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: 90.554 $\pm$ 0.040 χ^2 /NDF: 92883.0/3

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: 91.342 $\pm$ 0.029 χ^2 /NDF: 182880.4/6

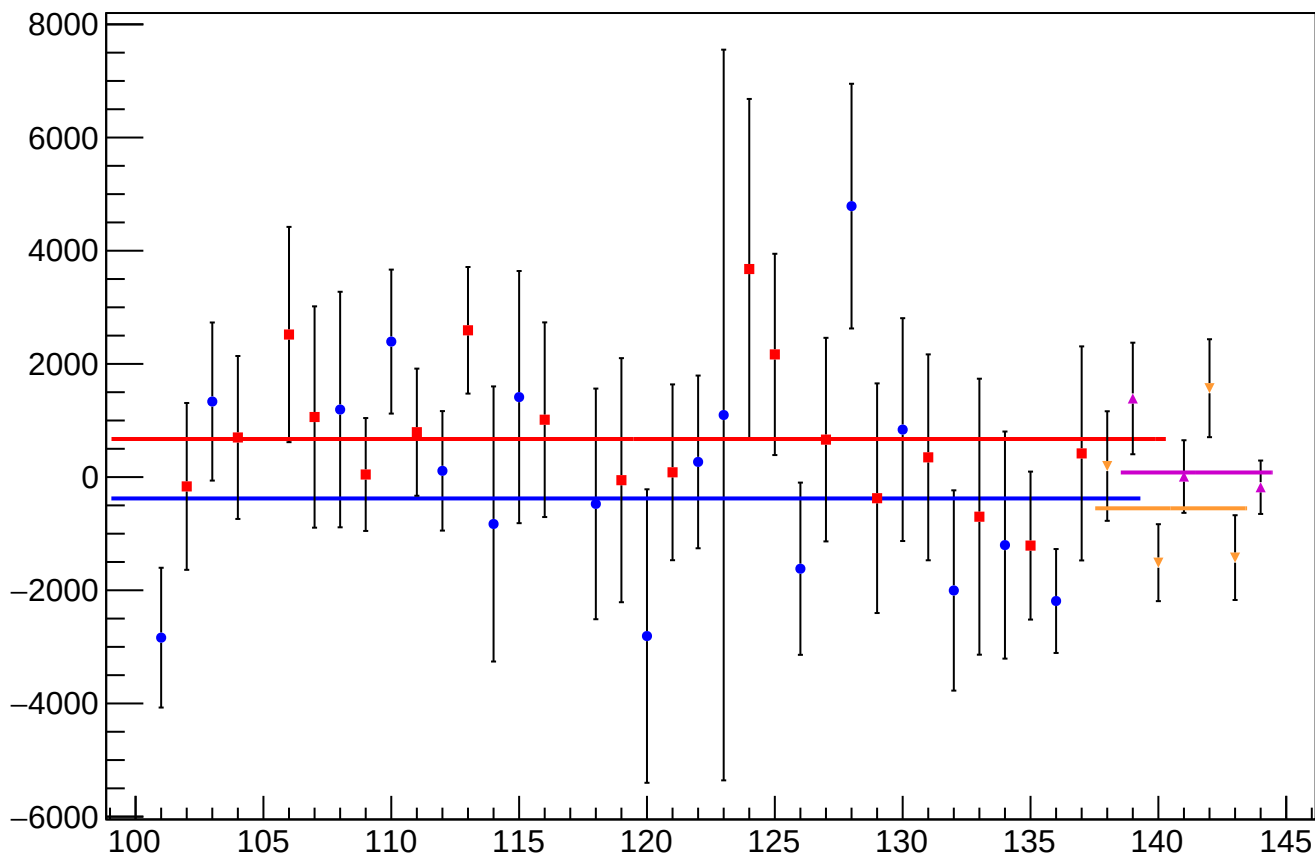
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 84.618 $\pm$ 0.021 χ^2 /NDF: 999561.9/19

Out: 84.154 $\pm$ 0.020 χ^2 /NDF: 981024.0/21

All: 84.379 $\pm$ 0.014 χ^2 /NDF: 1980847.3/41

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: -551.595 ± 396.851 $\chi^2/\text{NDF}: 10.0/3$

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: -199.639 ± 264.435 $\chi^2/\text{NDF}: 13.5/6$

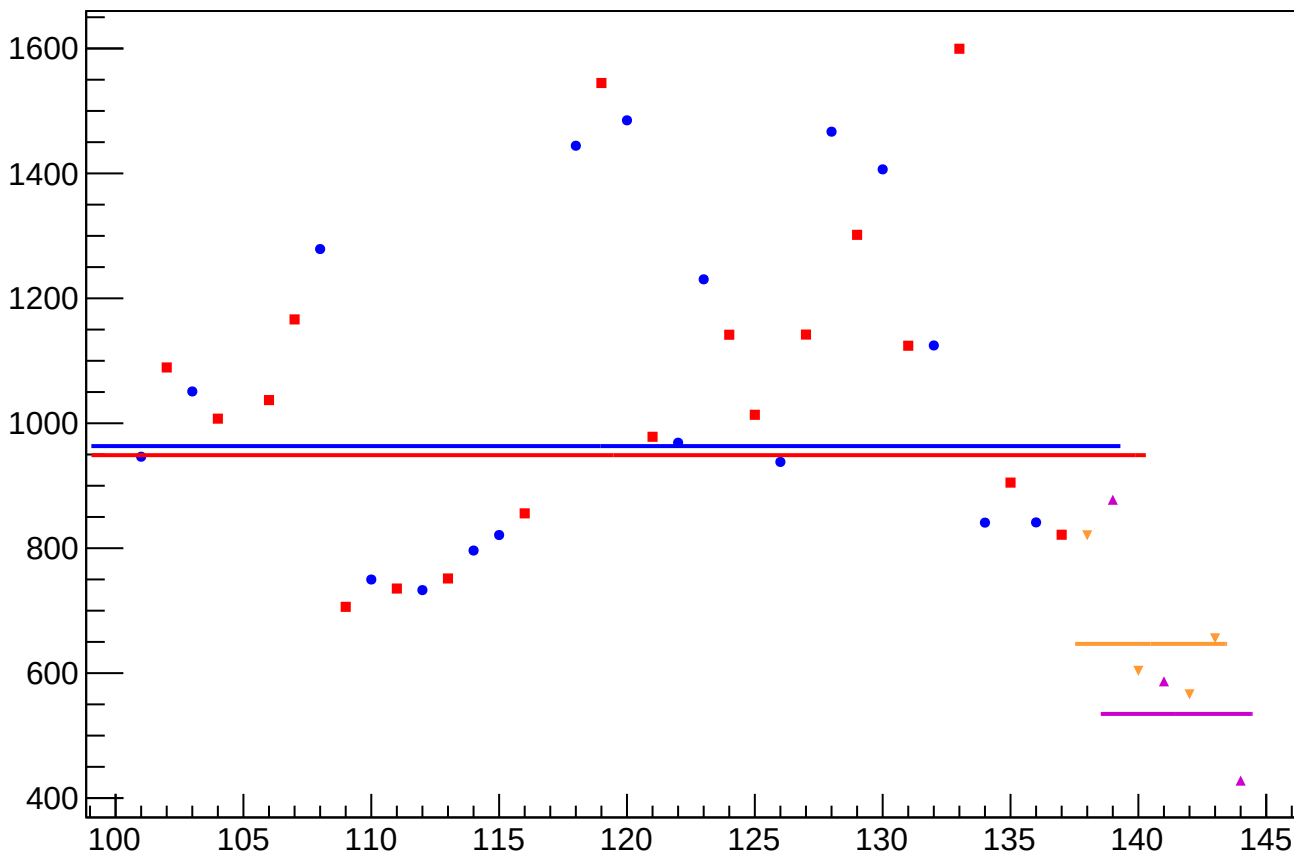
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -129.807 ± 260.497 $\chi^2/\text{NDF}: 27.3/19$

Out: 105.902 ± 270.085 $\chi^2/\text{NDF}: 24.4/21$

All: -16.211 ± 187.497 $\chi^2/\text{NDF}: 52.1/41$

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: 646.832 $\pm$ 0.281 χ^2 /NDF: 90232.0/3

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: 584.506 $\pm$ 0.187 χ^2 /NDF: 536569.2/6

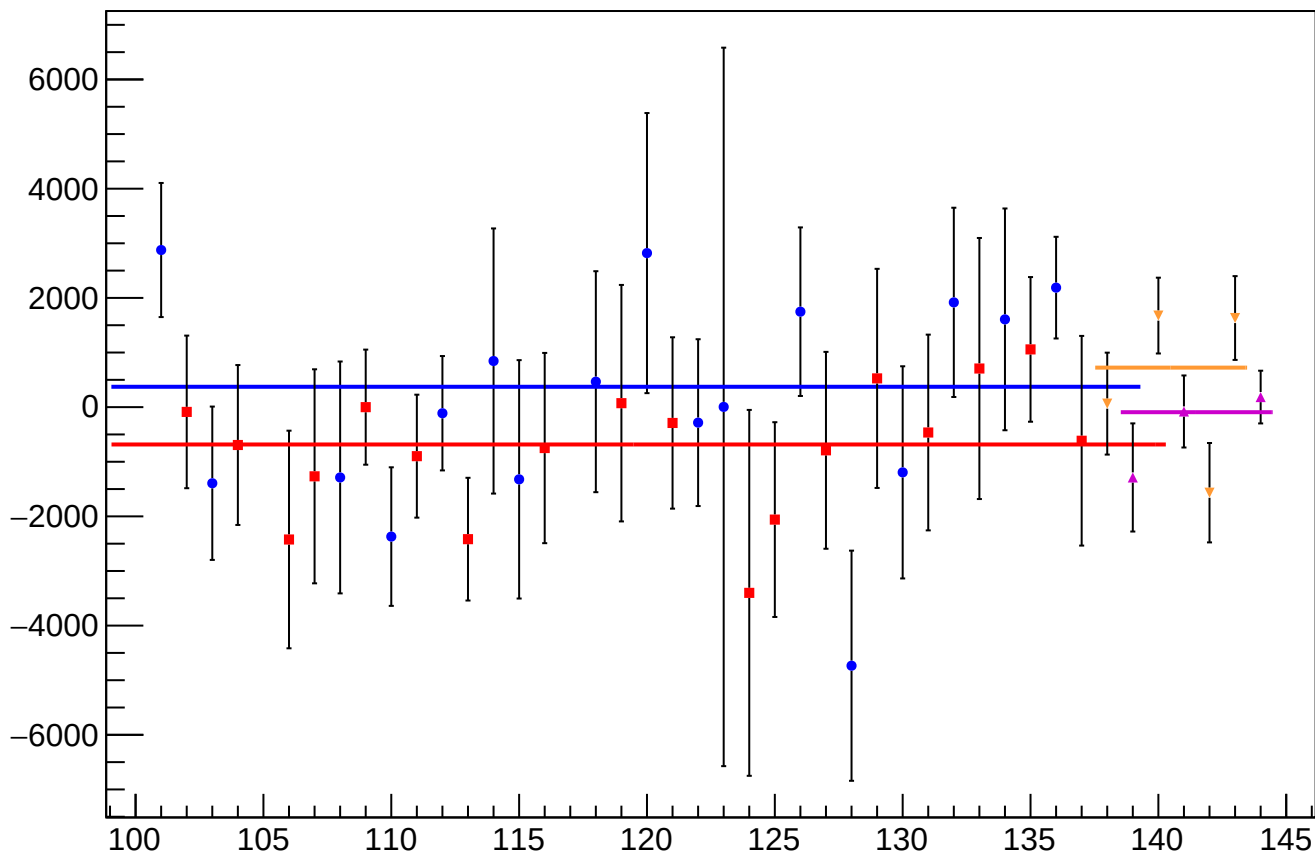
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 732.142 $\pm$ 0.184 χ^2 /NDF: 2392396.2/19

Out: 809.015 $\pm$ 0.191 χ^2 /NDF: 1441846.0/21

All: 769.190 $\pm$ 0.133 χ^2 /NDF: 3918181.8/41

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 723.658+/-403.849 χ^2/NDF :10.1/3

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: -92.502+/-362.461 χ^2/NDF :1.8/2

Left: 271.626+/-269.748 χ^2/NDF : 14.2/6

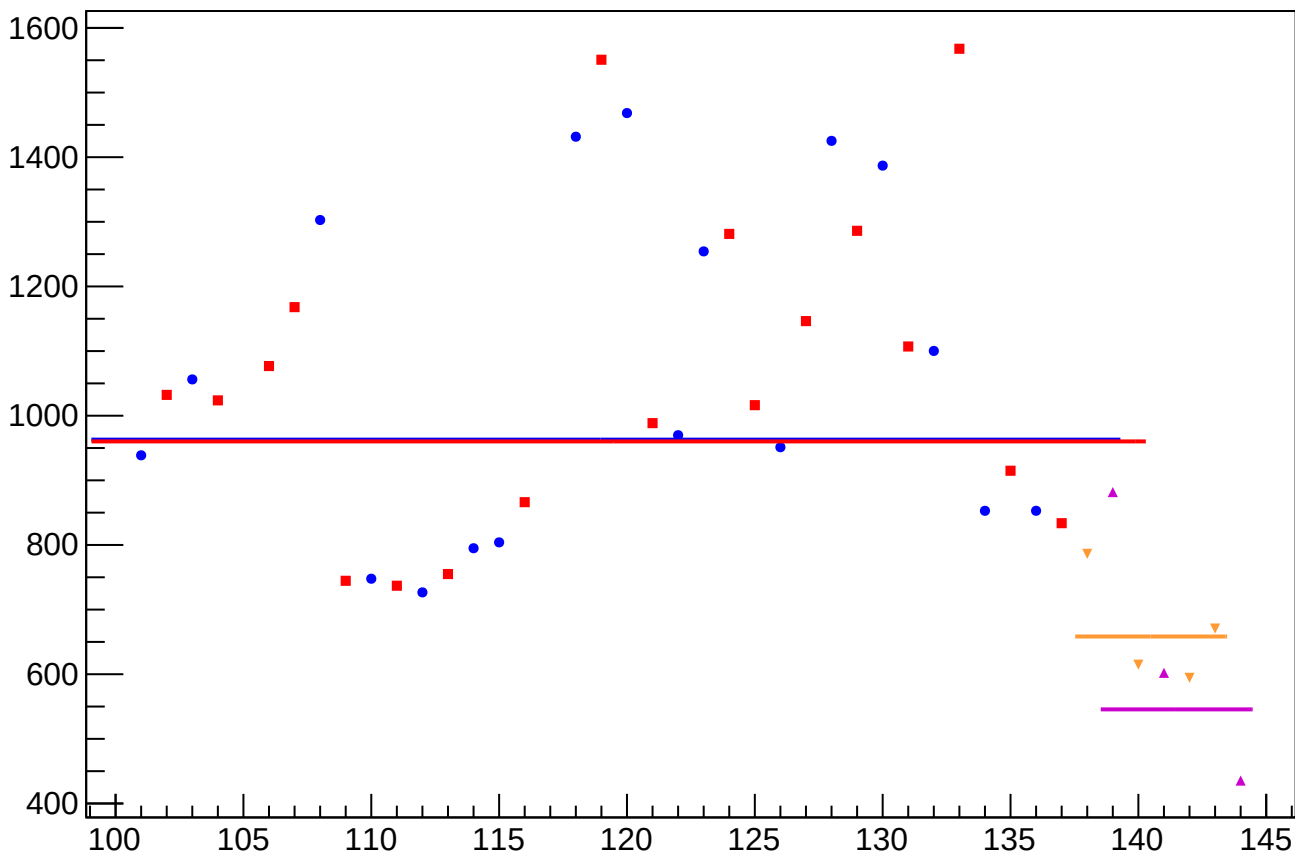
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 126.984+/-263.475 χ^2/NDF :27.8/19

Out: -36.864+/-273.777 χ^2/NDF :24.4/21

All: 48.201+/-189.843 χ^2/NDF : 52.5/41

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 658.372+/-0.286 χ^2/NDF : 55845.2/3

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 545.614+/-0.256 χ^2/NDF : 349481.9/2

Left: 595.921+/-0.191 χ^2/NDF : 491681.1/6

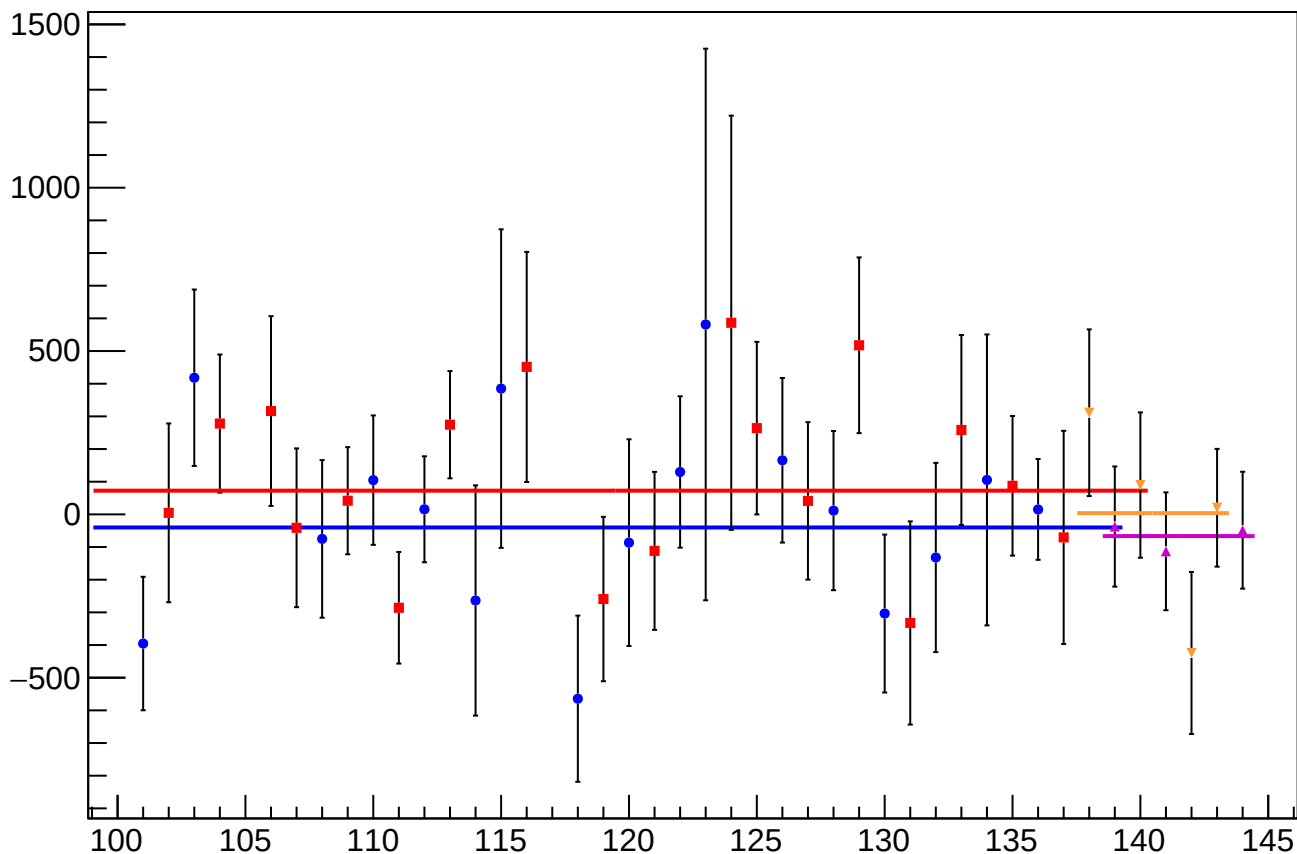
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 742.443+/-0.186 χ^2/NDF : 2267561.9/19

Out: 821.497+/-0.194 χ^2/NDF : 1330658.3/21

All: 780.454+/-0.134 χ^2/NDF : 3684794.4/41

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 3.823 ± 110.036 χ^2/NDF : 4.6/3

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: -66.521 ± 104.530 χ^2/NDF : 0.1/2

Left: -33.153 ± 75.785 χ^2/NDF : 4.9/6

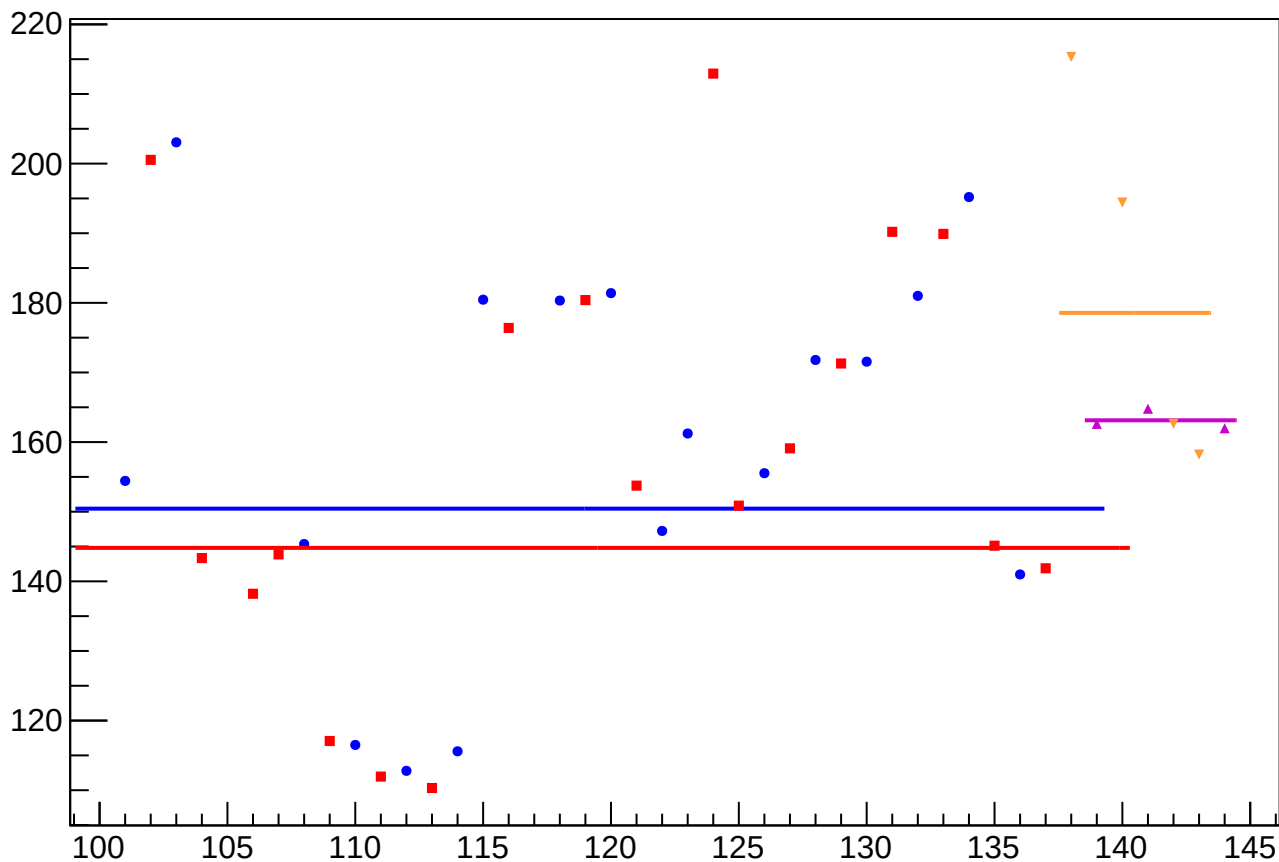
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: -46.542 ± 51.549 χ^2/NDF : 15.5/19

Out: 58.330 ± 50.130 χ^2/NDF : 22.5/21

All: 7.358 ± 35.939 χ^2/NDF : 40.1/41

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: 178.560 $\pm$ 0.078 χ^2 /NDF: 85403.8/3

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: 170.451 $\pm$ 0.054 χ^2 /NDF: 106338.5/6

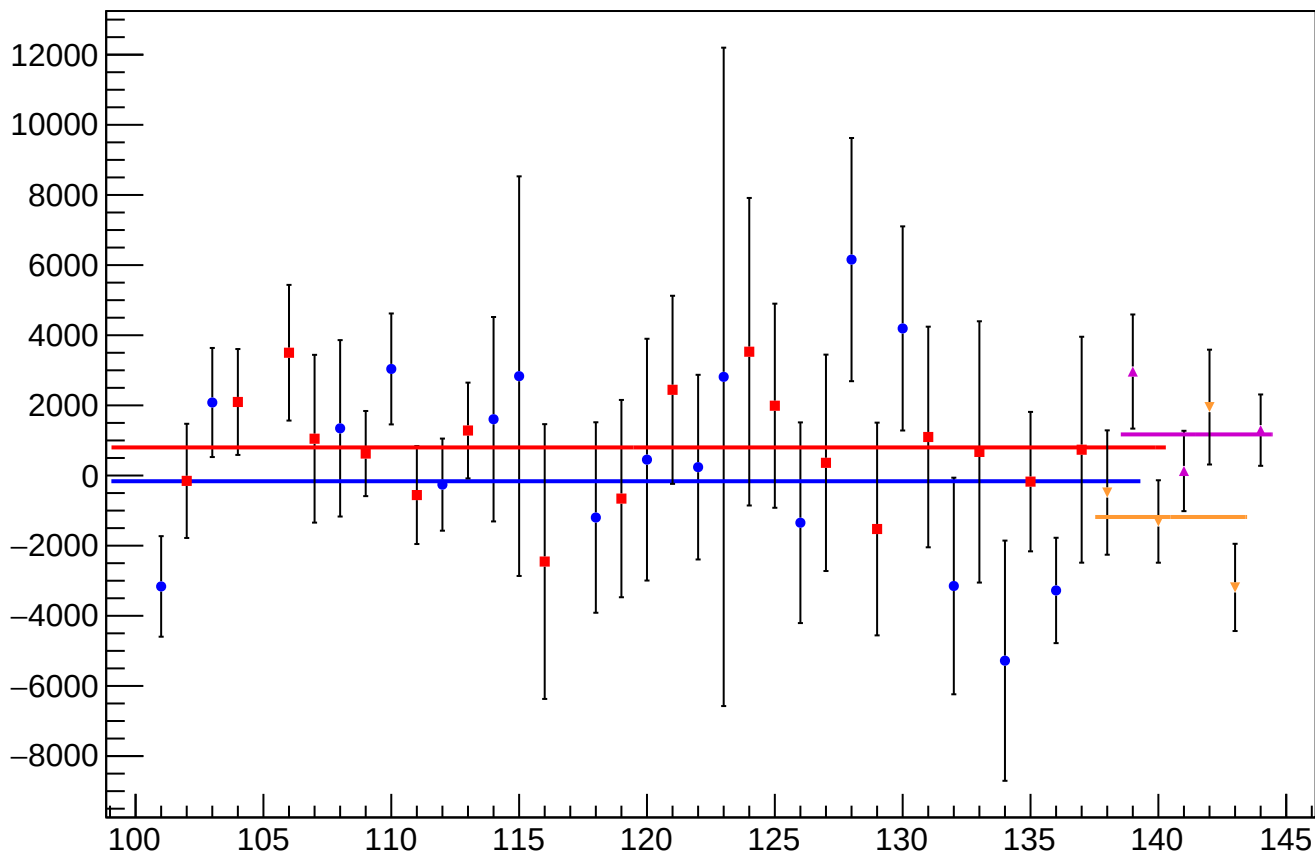
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 153.528 $\pm$ 0.036 χ^2 /NDF: 422698.0/19

Out: 151.813 $\pm$ 0.035 χ^2 /NDF: 738397.0/21

All: 152.646 $\pm$ 0.025 χ^2 /NDF: 1162233.2/41

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1182.425+/-696.519 χ^2/NDF : 6.4/3

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: 7.431+/-489.877 χ^2/NDF : 14.3/6

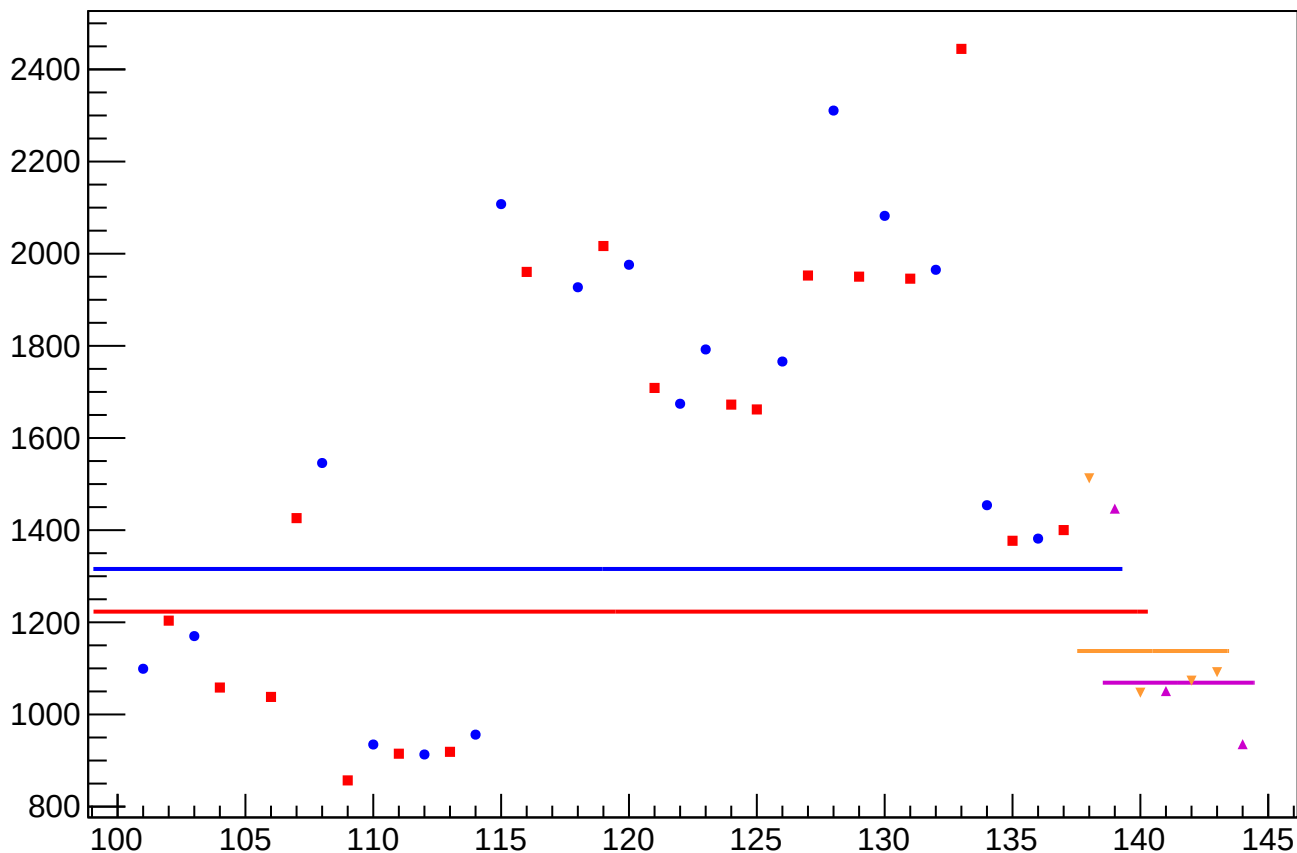
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 337.066+/-421.689 χ^2/NDF : 29.5/19

Out: 150.538+/-398.903 χ^2/NDF : 18.8/21

All: 238.627+/-289.788 χ^2/NDF : 48.3/41

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: 1137.740 $\pm$ 0.493 χ^2/NDF : 107023.5/3

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: 1102.975 $\pm$ 0.346 χ^2/NDF : 259552.1/6

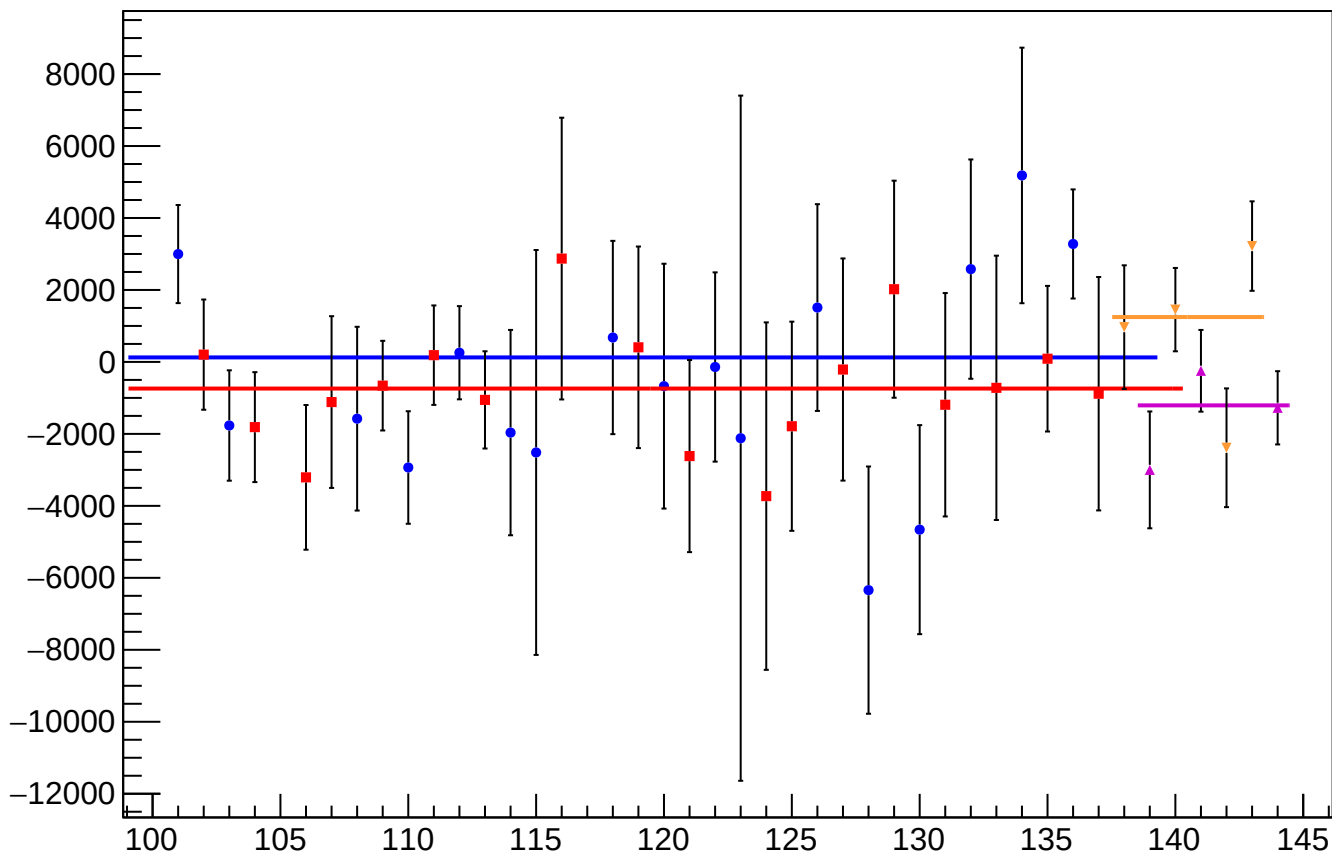
Right: 1265.263 $\pm$ 0.254 χ^2/NDF : 2514318.9/34

In: 1223.355 $\pm$ 0.298 χ^2/NDF : 1421536.2/19

Out: 1195.155 $\pm$ 0.282 χ^2/NDF : 1490301.3/21

All: 1208.473 $\pm$ 0.205 χ^2/NDF : 2916557.8/41

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1247.103 $\pm$ 690.322 χ^2 /NDF: 7.4/3

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: 13.437 $\pm$ 486.875 χ^2 /NDF: 15.7/6

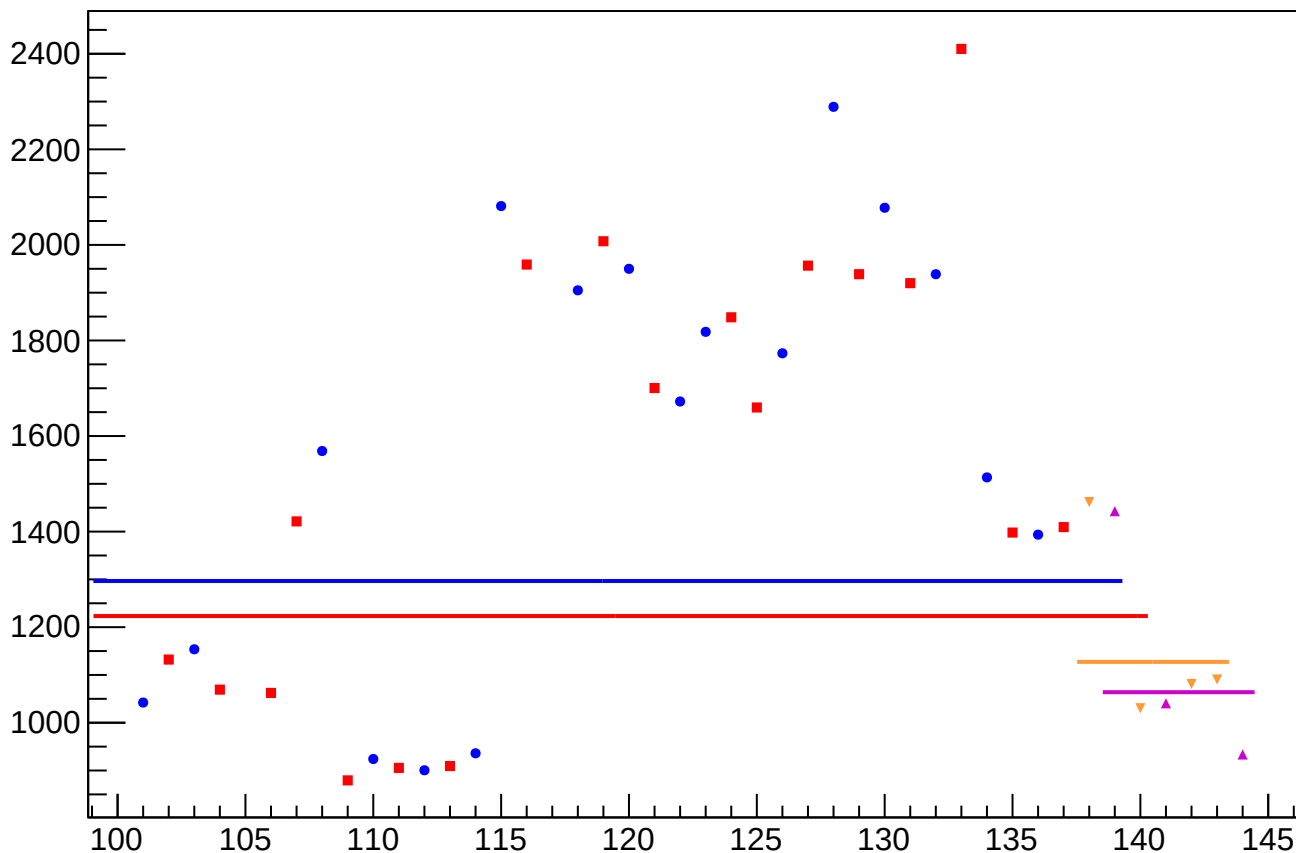
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -368.396 $\pm$ 417.994 χ^2 /NDF: 29.0/19

Out: -79.997 $\pm$ 397.836 χ^2 /NDF: 19.0/21

All: -217.075 $\pm$ 288.175 χ^2 /NDF: 48.2/41

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1127.342 $\pm$ 0.488 χ^2/NDF : 93078.8/3

Right Out: 1223.274 $\pm$ 0.344 χ^2/NDF : 1346689.2/17

Left In: 1063.858 $\pm$ 0.486 χ^2/NDF : 142527.9/2

Left: 1095.437 $\pm$ 0.344 χ^2/NDF : 244107.4/6

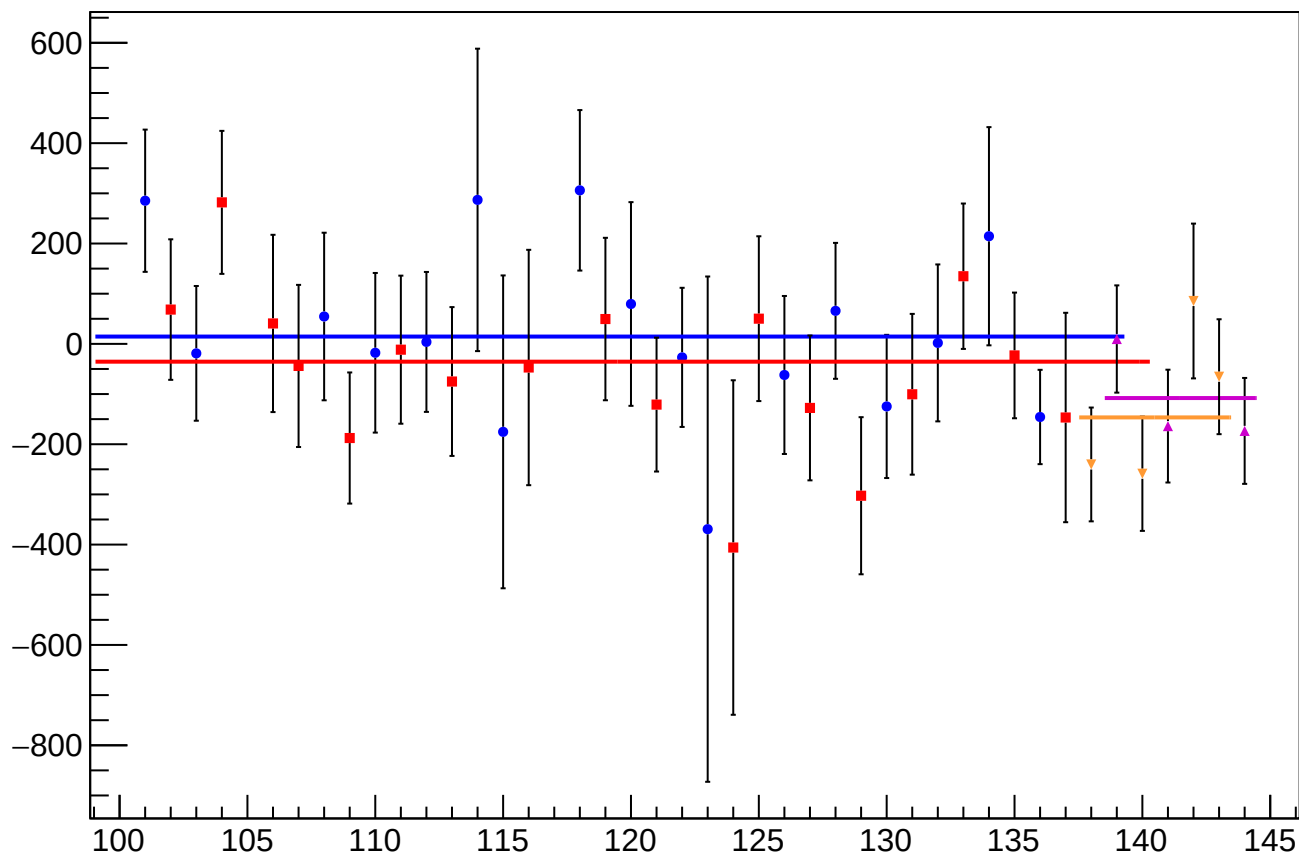
Right: 1257.036 $\pm$ 0.253 χ^2/NDF : 2543039.6/34

In: 1210.369 $\pm$ 0.296 χ^2/NDF : 1462566.8/19

Out: 1191.413 $\pm$ 0.281 χ^2/NDF : 1465563.9/21

All: 1200.423 $\pm$ 0.204 χ^2/NDF : 2930289.0/41

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: -146.555 ± 60.508 $\chi^2/\text{NDF}: 4.4/3$

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: -127.868 ± 43.454 $\chi^2/\text{NDF}: 6.5/6$

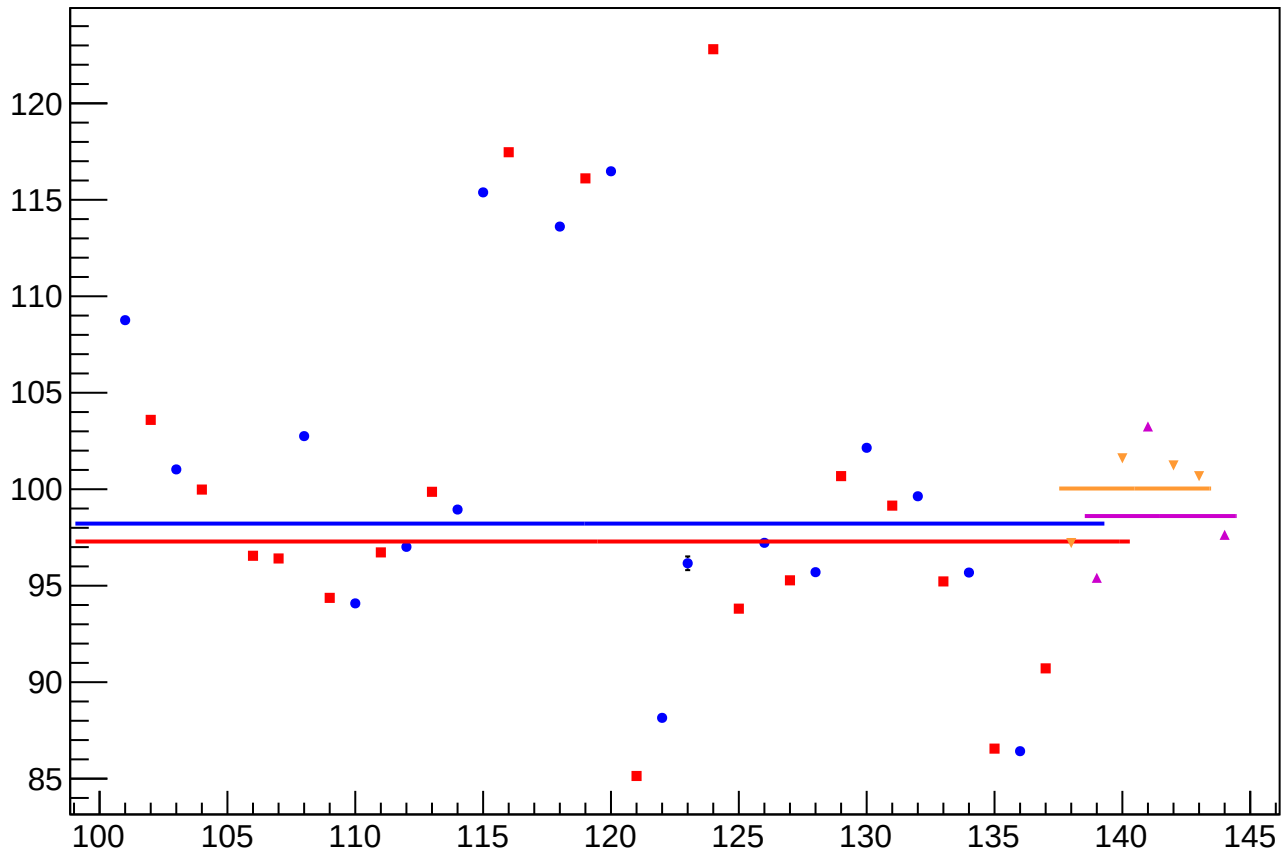
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -18.560 ± 32.472 $\chi^2/\text{NDF}: 18.8/19$

Out: -65.382 ± 31.397 $\chi^2/\text{NDF}: 21.4/21$

All: -42.760 ± 22.571 $\chi^2/\text{NDF}: 41.3/41$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 100.037 $\pm$ 0.043 χ^2 /NDF:1803.0/3

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 98.610 $\pm$ 0.044 χ^2 /NDF:5375.2/2

Left: 99.346 $\pm$ 0.031 χ^2 /NDF: 7716.7/6

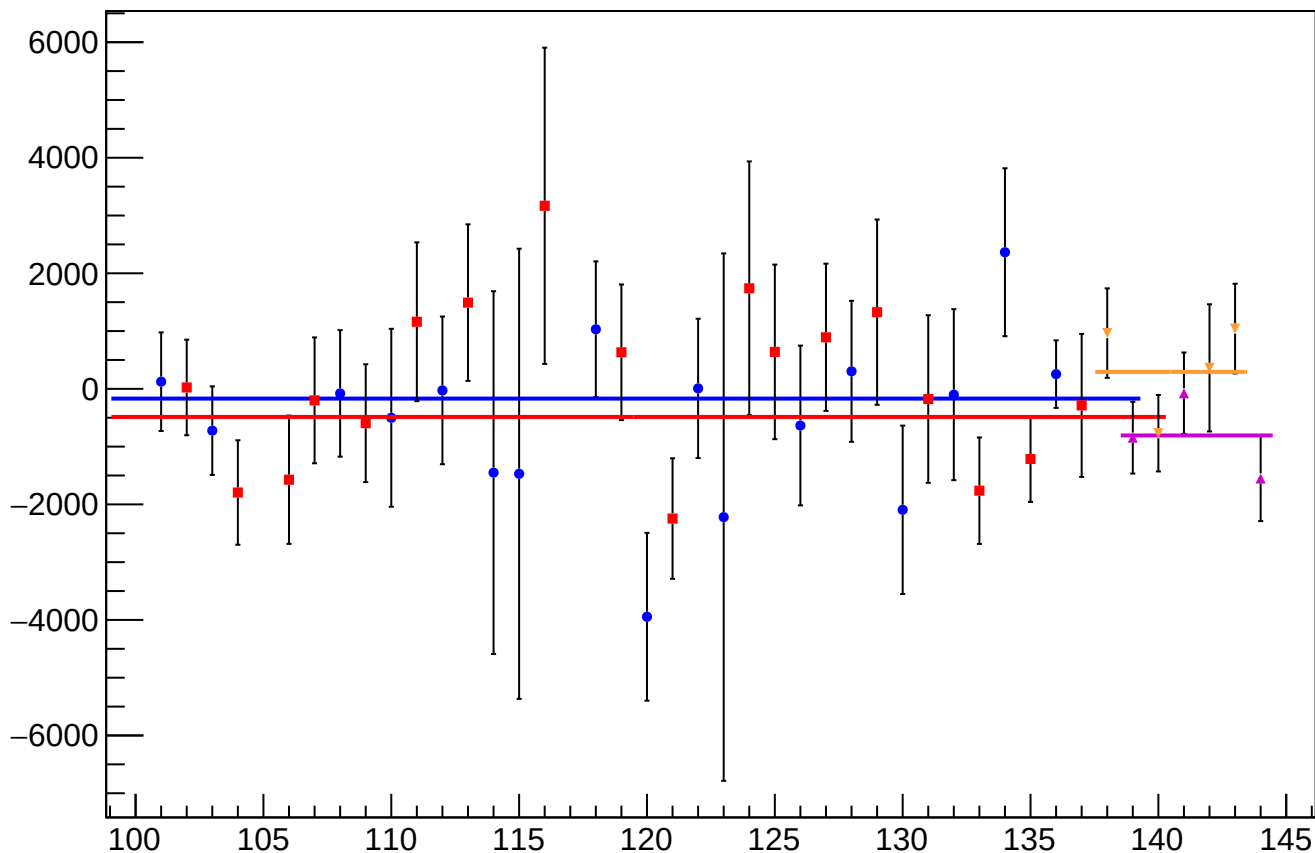
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 98.325 $\pm$ 0.023 χ^2 /NDF:105942.8/19

Out: 98.030 $\pm$ 0.022 χ^2 /NDF:101031.2/21

All: 98.172 $\pm$ 0.016 χ^2 /NDF: 207059.3/41

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 293.266 ± 394.230 $\chi^2/\text{NDF}: 4.3/3$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -806.949 ± 394.055 $\chi^2/\text{NDF}: 2.1/2$

Left: -257.086 ± 278.701 $\chi^2/\text{NDF}: 10.2/6$

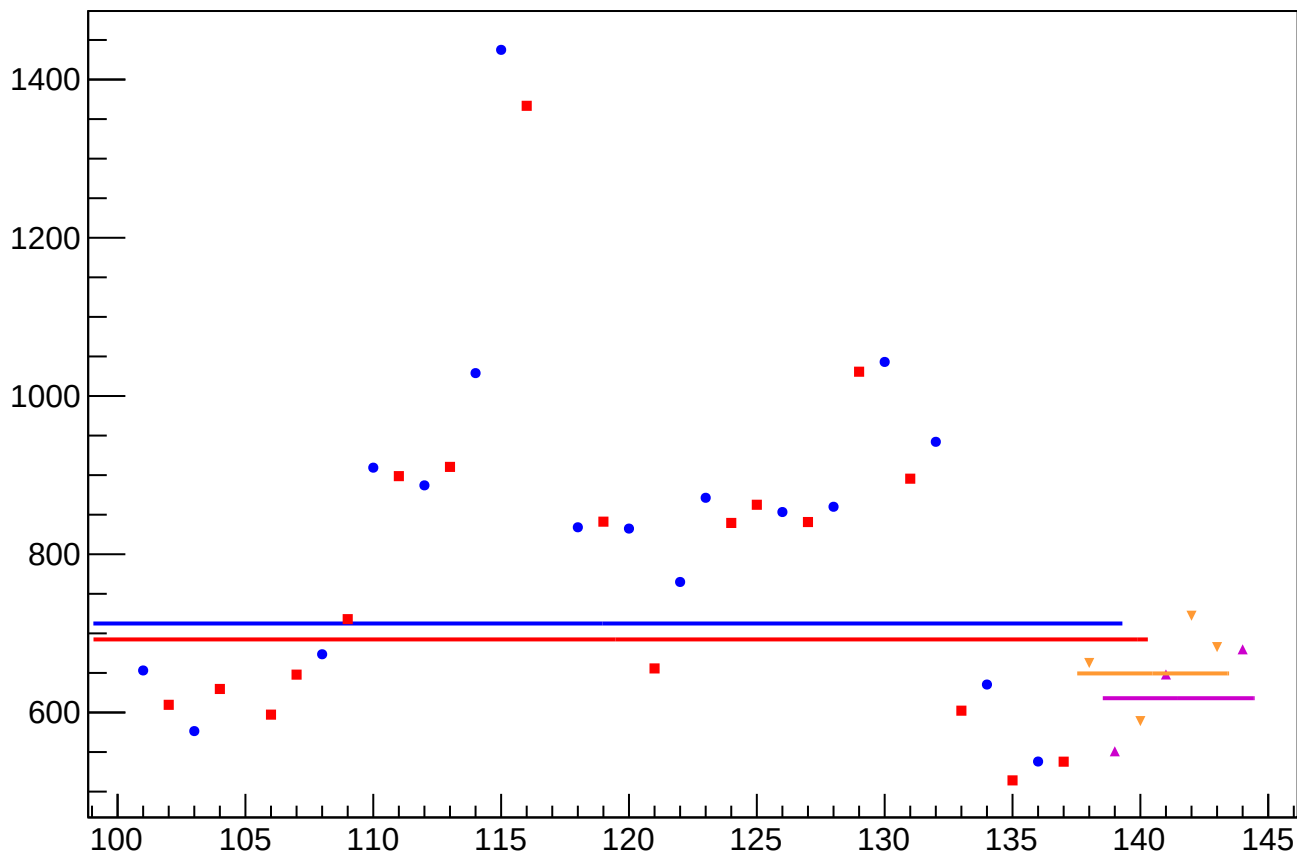
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -385.113 ± 229.422 $\chi^2/\text{NDF}: 18.4/19$

Out: -239.900 ± 221.642 $\chi^2/\text{NDF}: 26.5/21$

All: -310.002 ± 159.404 $\chi^2/\text{NDF}: 45.2/41$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 649.360+/-0.279 χ^2/NDF : 29600.3/3

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: 633.699+/-0.197 χ^2/NDF : 76905.6/6

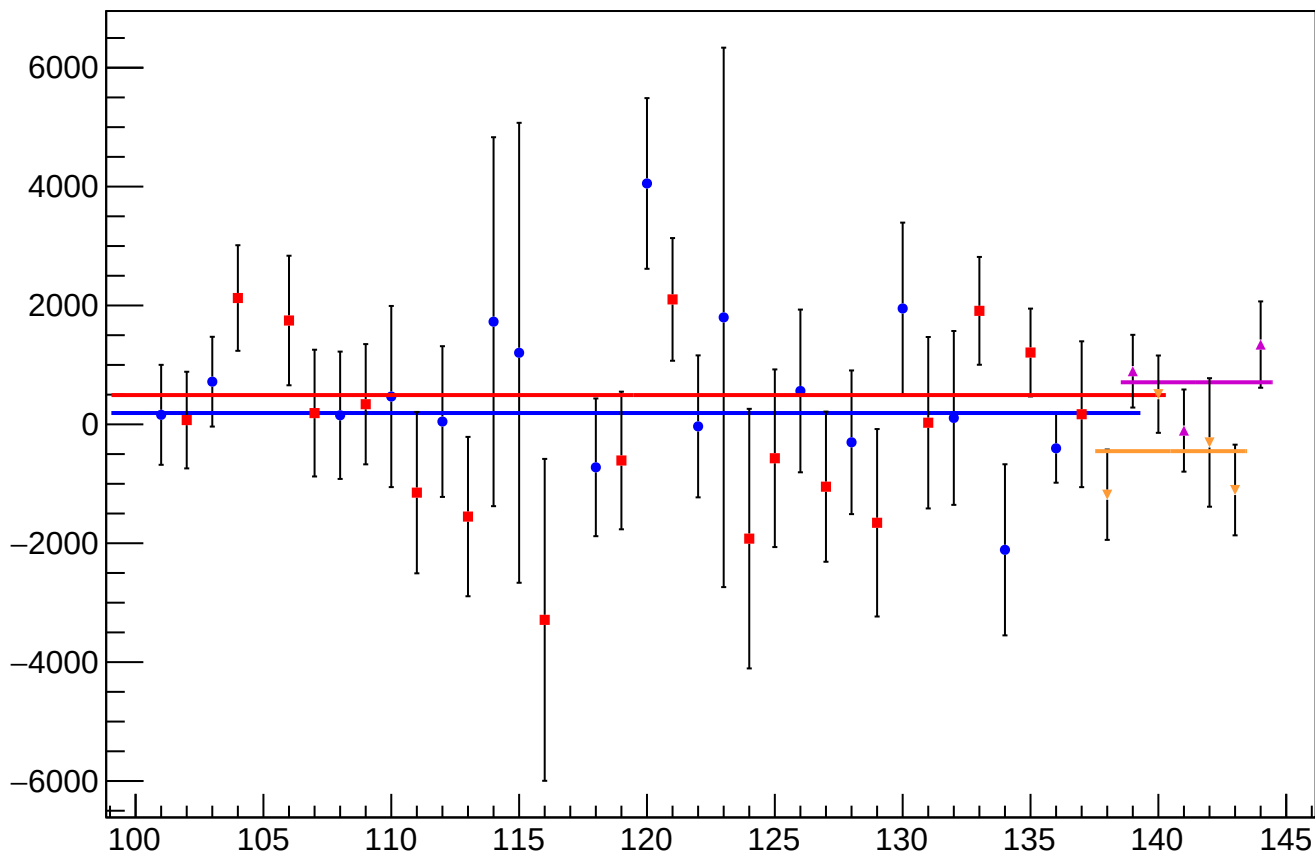
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 680.469+/-0.162 χ^2/NDF : 777427.1/19

Out: 678.756+/-0.157 χ^2/NDF : 702812.9/21

All: 679.583+/-0.113 χ^2/NDF : 1480297.6/41

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -450.783 $\pm$ 387.219 χ^2 /NDF:3.9/3

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 707.908 $\pm$ 387.452 χ^2 /NDF:2.2/2

Left: 128.215 $\pm$ 273.888 χ^2 /NDF: 10.6/6

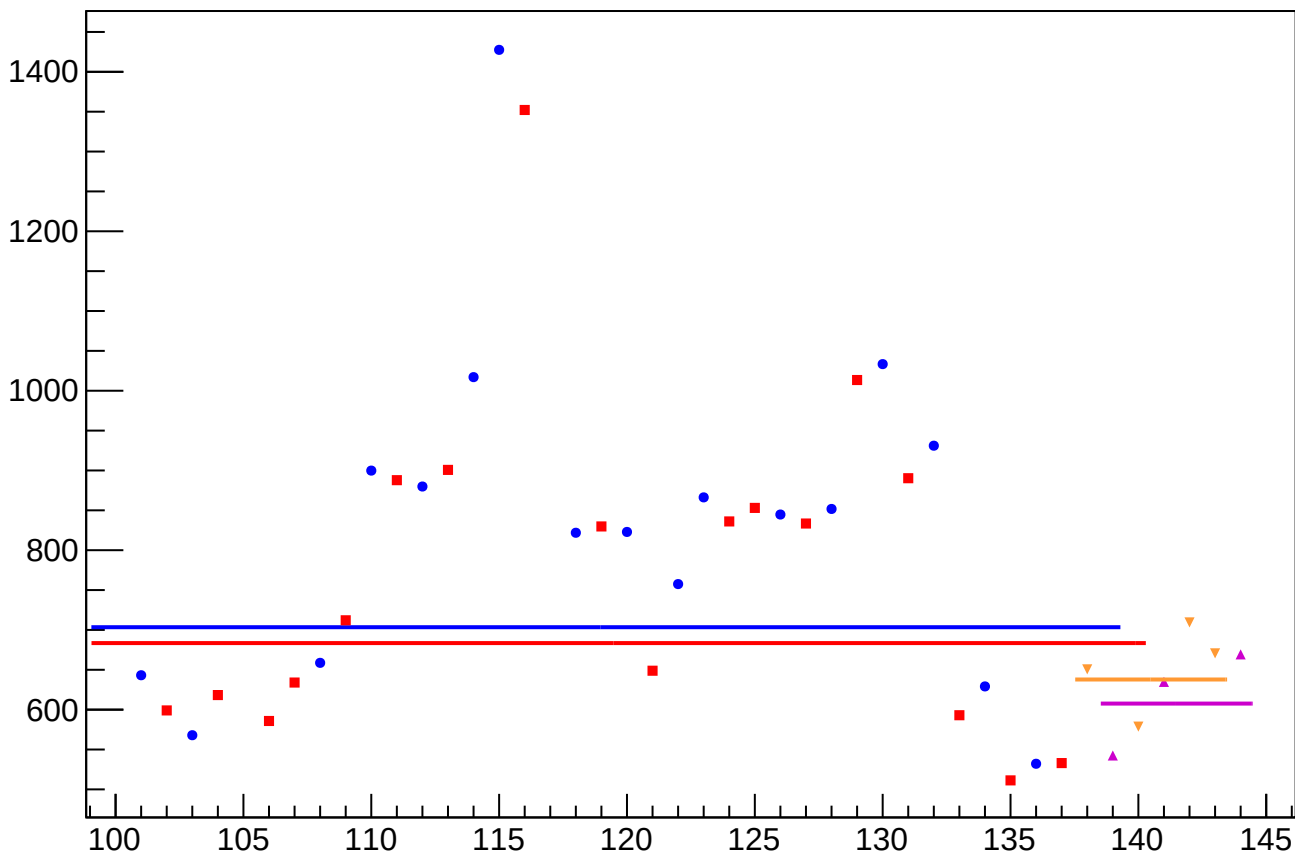
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 367.153 $\pm$ 226.232 χ^2 /NDF:17.6/19

Out: 192.391 $\pm$ 218.482 χ^2 /NDF:30.7/21

All: 276.727 $\pm$ 157.159 χ^2 /NDF: 48.6/41

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 637.817 $\pm$ 0.274 χ^2/NDF :29546.5/3

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: 622.726 $\pm$ 0.194 χ^2/NDF : 75813.2/6

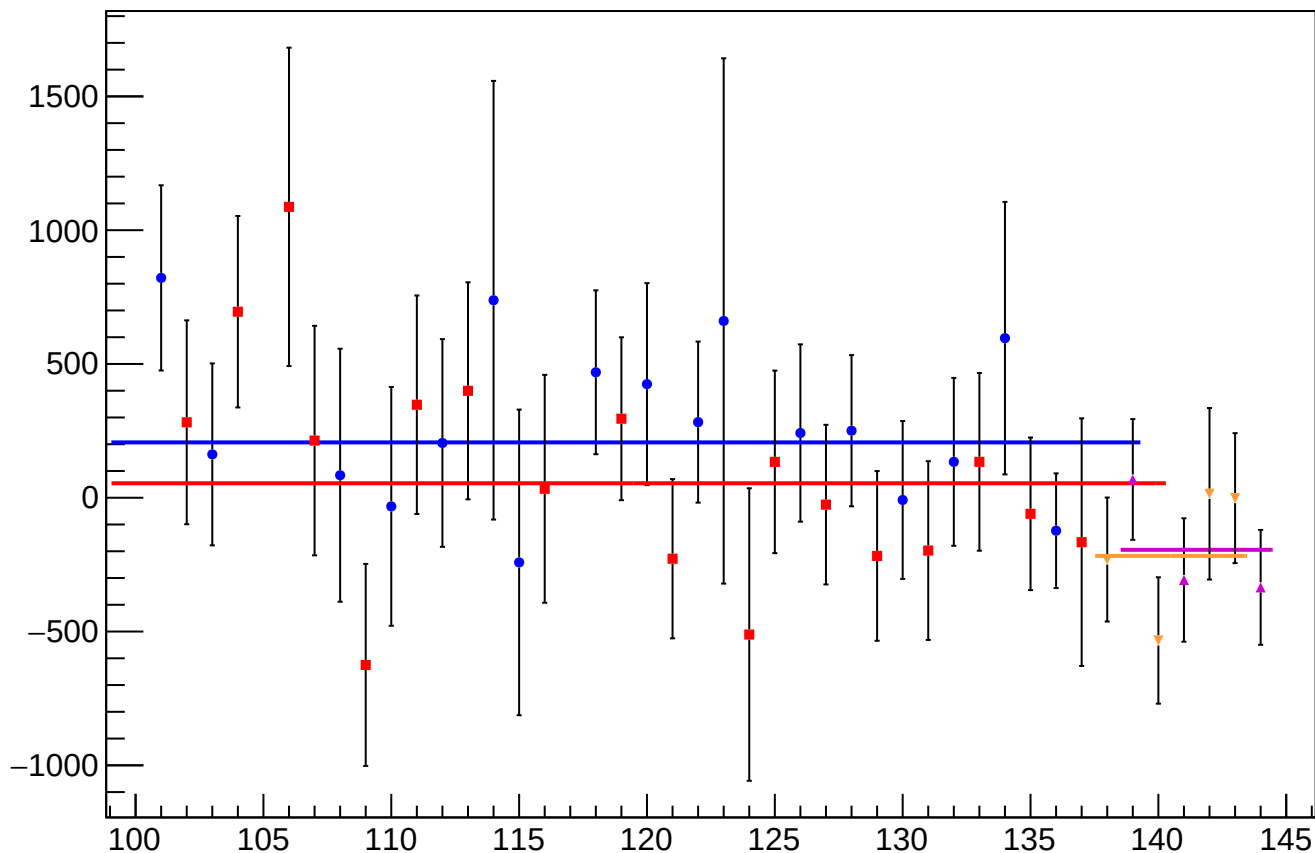
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 670.748 $\pm$ 0.160 χ^2/NDF :787640.7/19

Out: 668.951 $\pm$ 0.154 χ^2/NDF :707871.3/21

All: 669.818 $\pm$ 0.111 χ^2/NDF : 1495577.3/41

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: -217.293 $\pm$ 125.731 χ^2 /NDF:3.1/3

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: -206.226 $\pm$ 90.020 χ^2 /NDF: 5.2/6

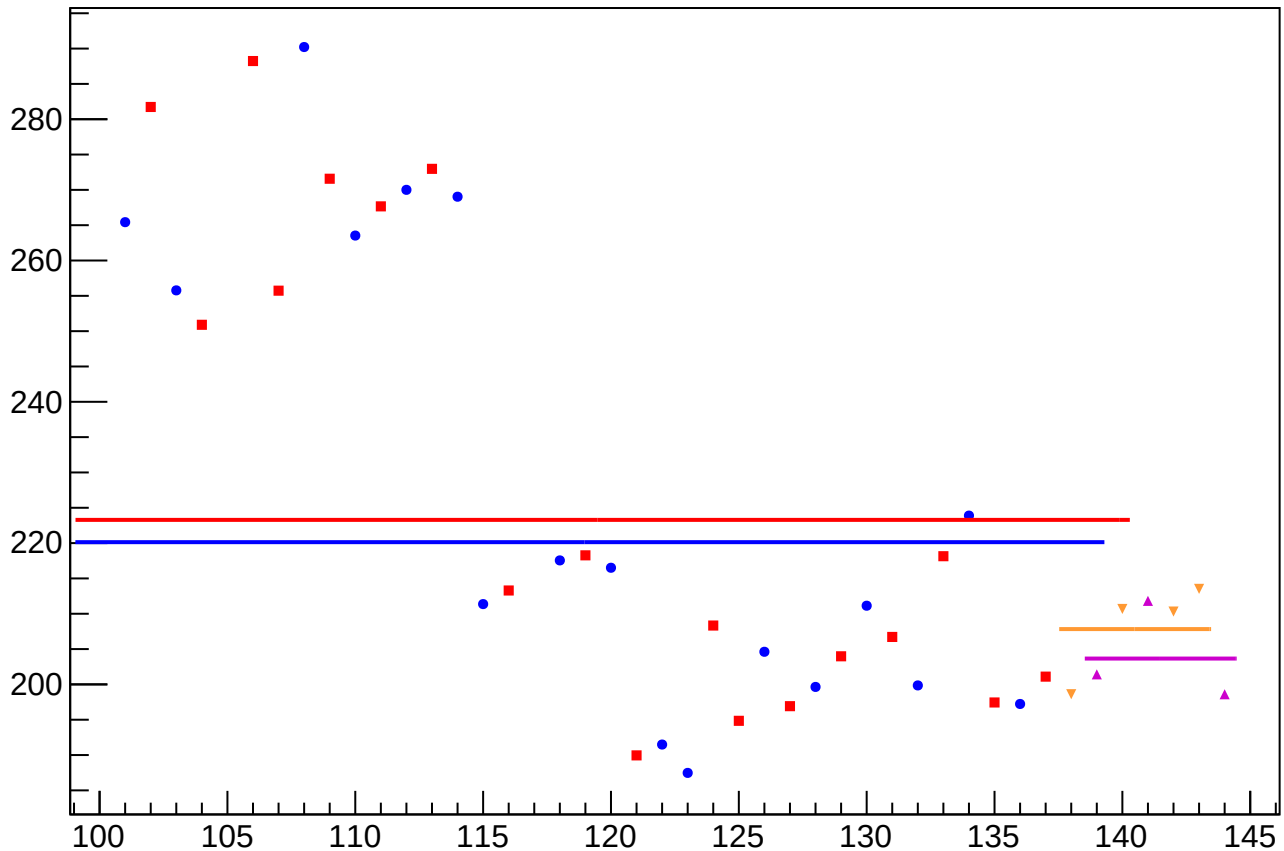
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: 84.008 $\pm$ 71.334 χ^2 /NDF:18.2/19

Out: -31.236 $\pm$ 70.527 χ^2 /NDF:22.0/21

All: 25.730 $\pm$ 50.153 χ^2 /NDF: 41.5/41

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 207.830+/-0.089 χ^2/NDF : 4678.1/3

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: 205.796+/-0.064 χ^2/NDF : 9564.0/6

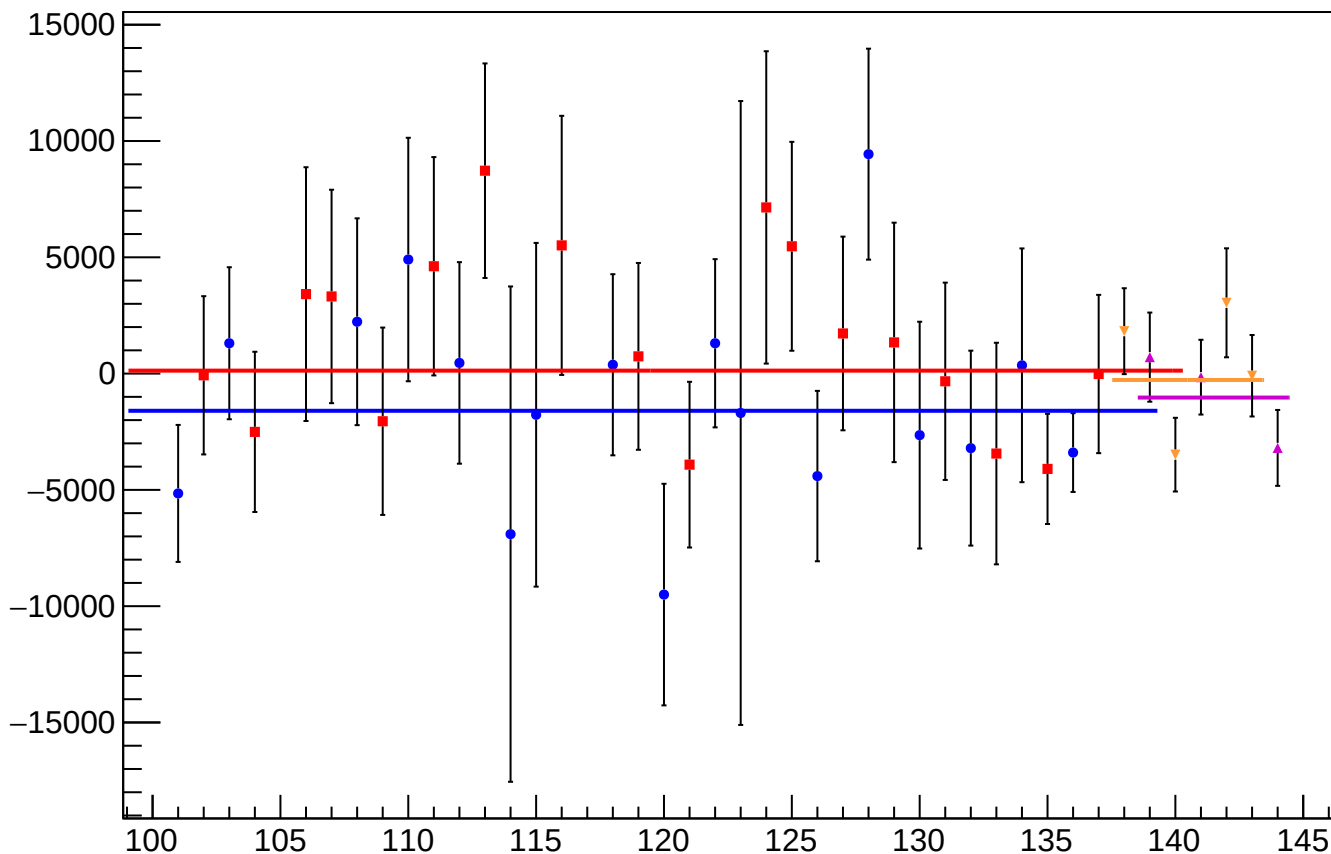
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 215.090+/-0.050 χ^2/NDF : 254915.8/19

Out: 218.424+/-0.050 χ^2/NDF : 297651.6/21

All: 216.776+/-0.035 χ^2/NDF : 554776.0/41

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: -274.012 $\pm$ 912.908 χ^2 /NDF:7.4/3

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: -624.340 $\pm$ 668.916 χ^2 /NDF: 10.6/6

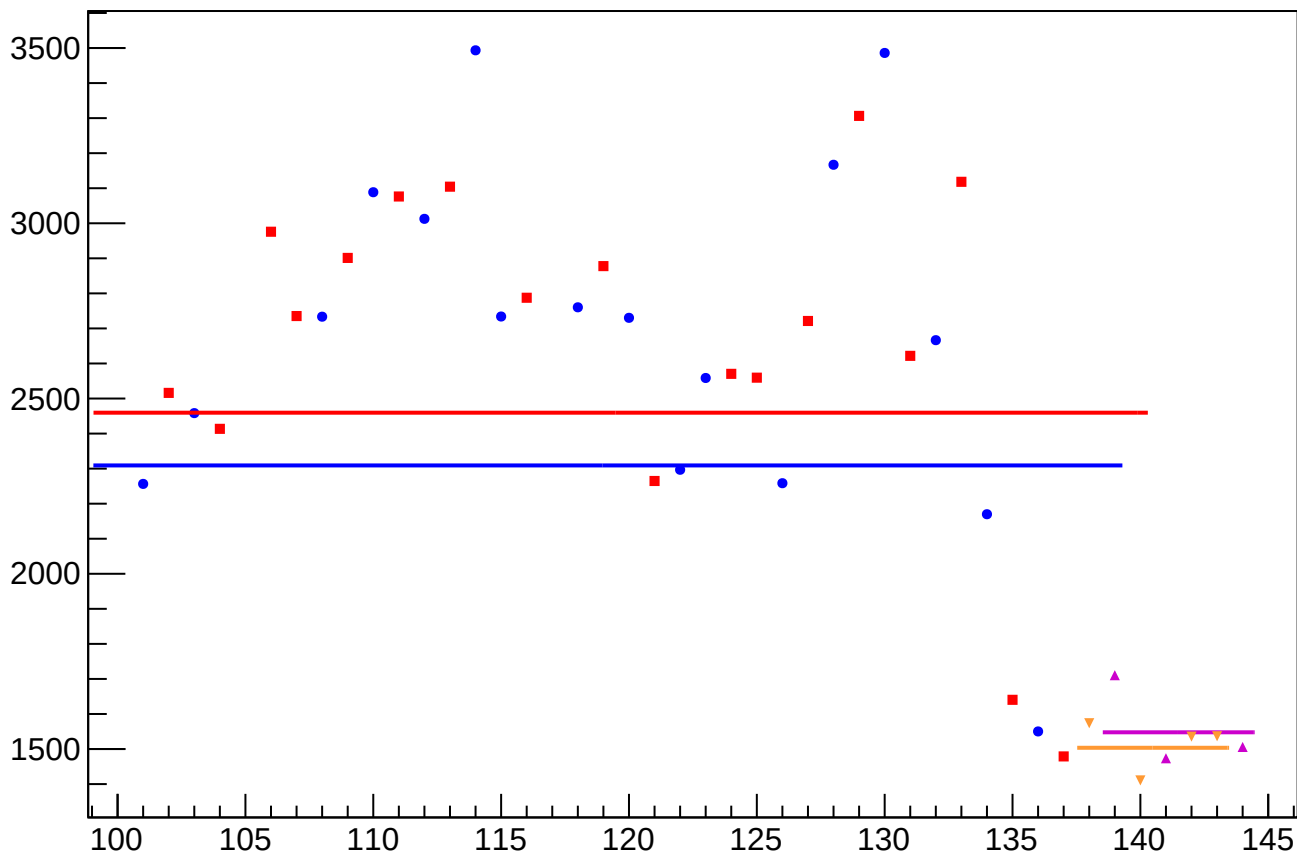
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1333.234 $\pm$ 672.096 χ^2 /NDF:19.7/19

Out: -80.931 $\pm$ 657.944 χ^2 /NDF:22.3/21

All: -693.759 $\pm$ 470.160 χ^2 /NDF: 43.8/41

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1503.579+/-0.646 χ^2/NDF : 10855.5/3

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: 1524.033+/-0.473 χ^2/NDF : 33034.2/6

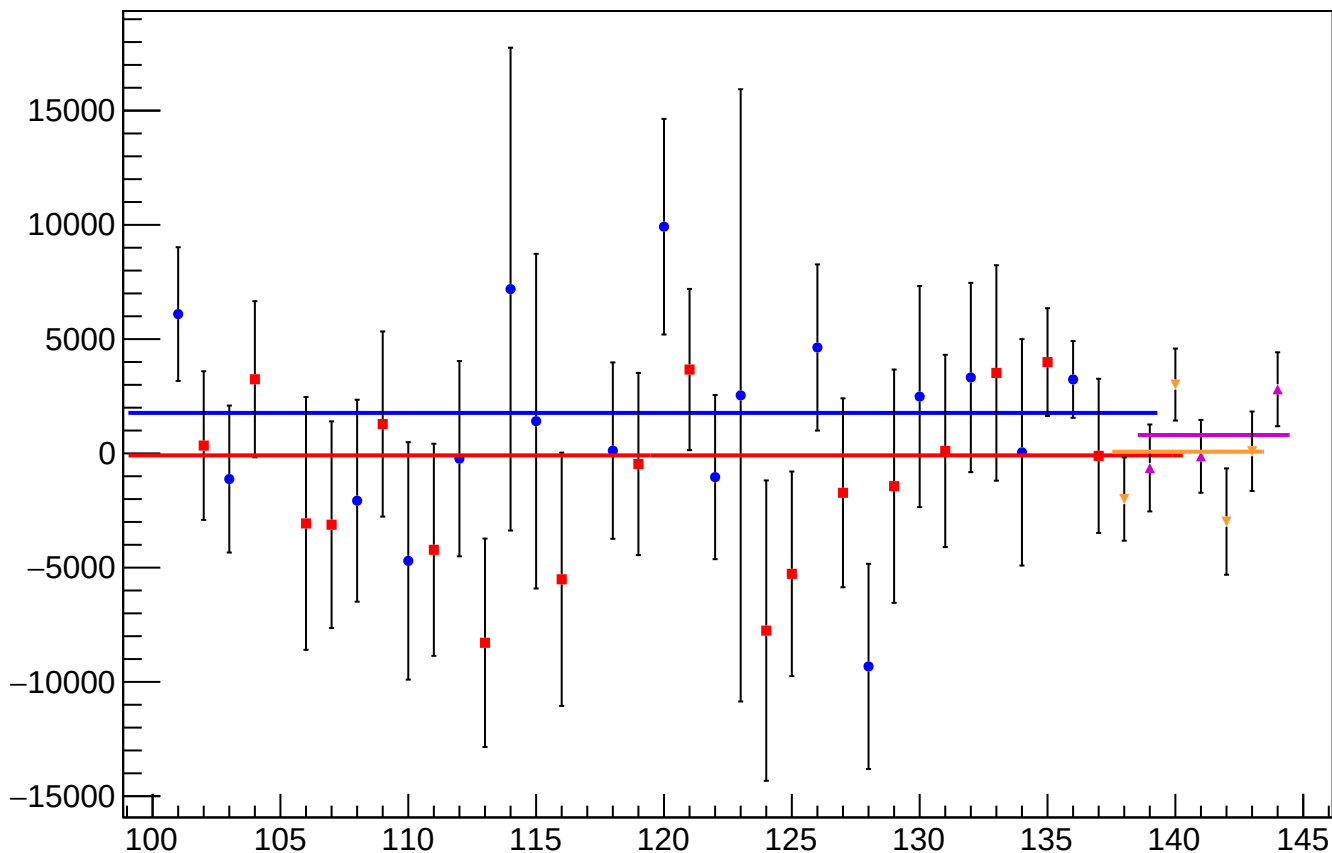
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1953.169+/-0.475 χ^2/NDF : 1459708.7/19

Out: 1963.019+/-0.465 χ^2/NDF : 1733114.5/21

All: 1958.199+/-0.332 χ^2/NDF : 3193042.6/41

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 75.031+/-905.127 χ^2/NDF : 6.5/3

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: 412.375+/-663.248 χ^2/NDF : 9.3/6

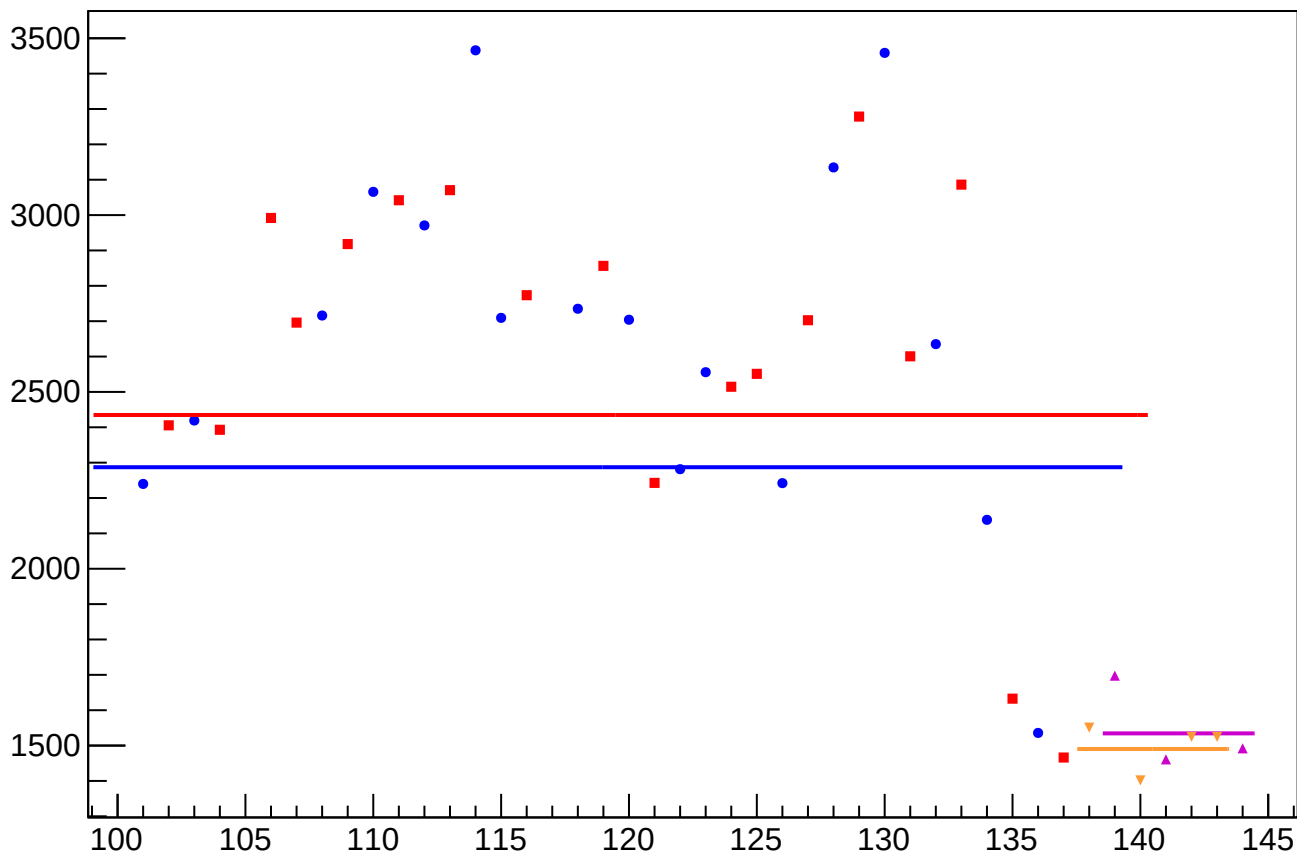
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1319.359+/-666.066 χ^2/NDF : 20.3/19

Out: -2.493+/-651.952 χ^2/NDF : 21.0/21

All: 644.279+/-465.910 χ^2/NDF : 43.3/41

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1490.378 $\pm$ 0.640 χ^2 /NDF: 9769.8/3

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: 1510.808 $\pm$ 0.469 χ^2 /NDF: 32313.6/6

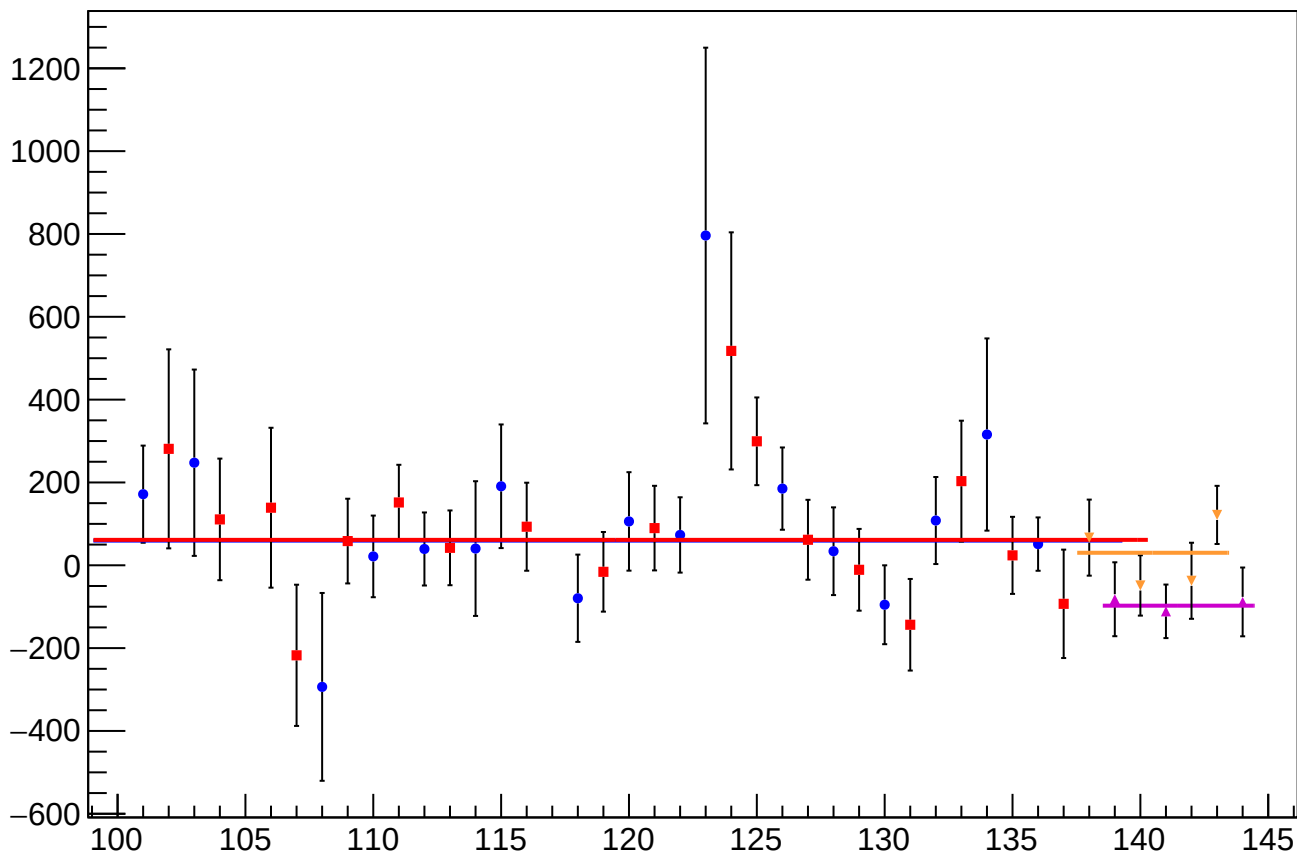
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1935.642 $\pm$ 0.471 χ^2 /NDF: 1455321.8/19

Out: 1944.813 $\pm$ 0.461 χ^2 /NDF: 1724421.6/21

All: 1940.325 $\pm$ 0.329 χ^2 /NDF: 3179937.0/41

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: 30.219 $\pm$ 39.890 χ^2 /NDF: 3.6/3

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: -27.000 $\pm$ 29.639 χ^2 /NDF: 8.2/6

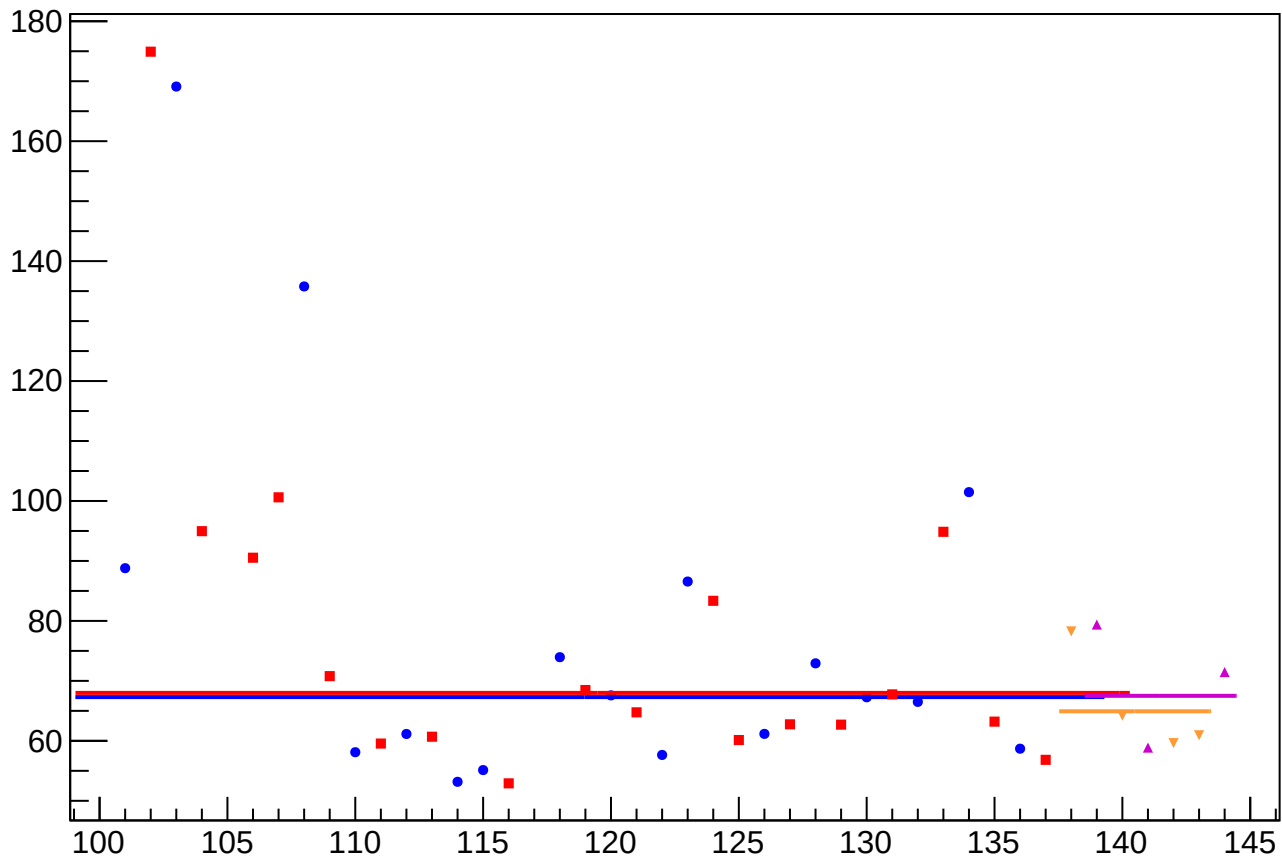
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 16.881 $\pm$ 23.103 χ^2 /NDF: 24.6/19

Out: 51.597 $\pm$ 22.366 χ^2 /NDF: 23.7/21

All: 34.802 $\pm$ 16.069 χ^2 /NDF: 49.4/41

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 64.929 $\pm$ 0.028 χ^2 /NDF: 55465.9/3

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 67.509 $\pm$ 0.031 χ^2 /NDF: 75690.8/2

Left: 66.085 $\pm$ 0.021 χ^2 /NDF: 134902.6/6

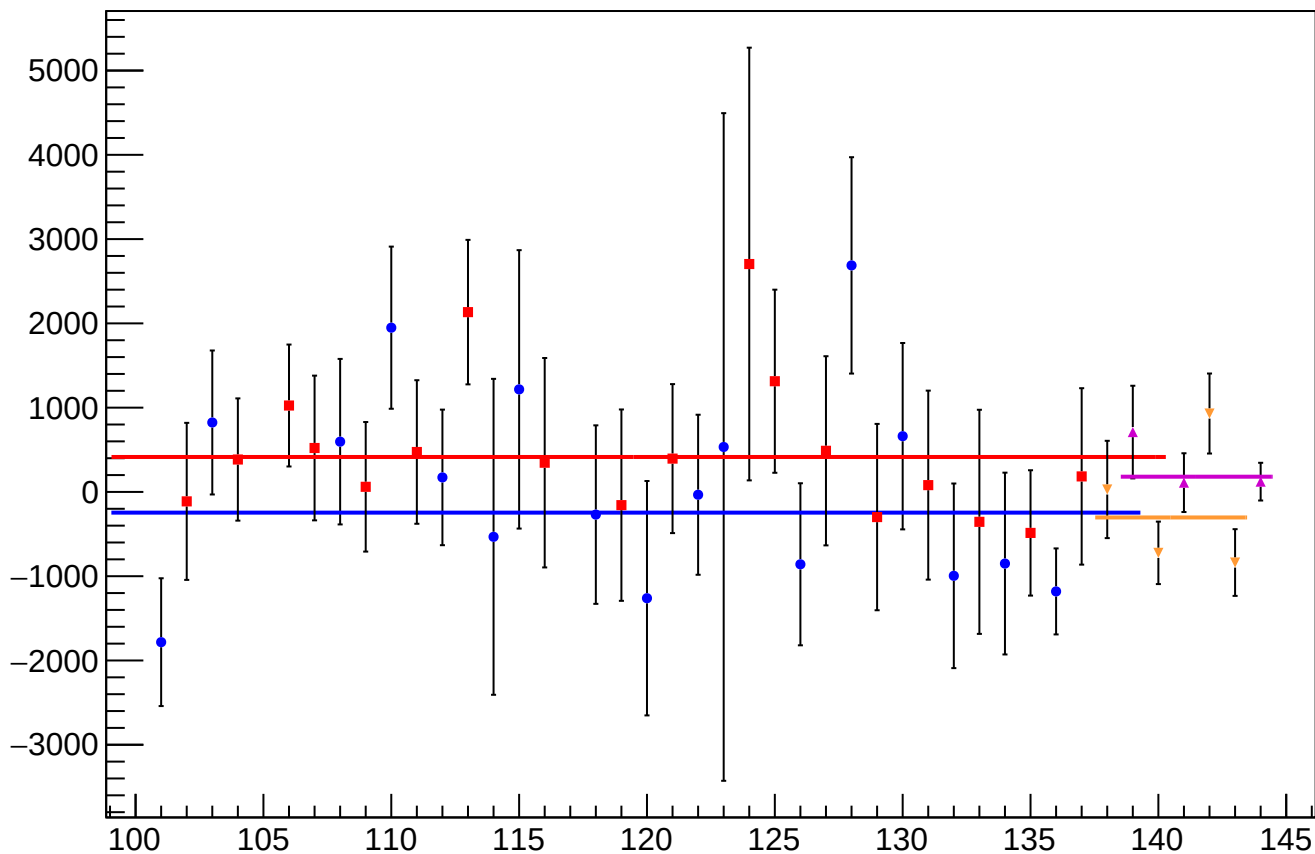
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 67.355 $\pm$ 0.016 χ^2 /NDF: 917076.3/19

Out: 67.033 $\pm$ 0.016 χ^2 /NDF: 817911.2/21

All: 67.189 $\pm$ 0.011 χ^2 /NDF: 1735187.0/41

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -302.958+/-217.703 χ^2/NDF : 10.2/3

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: -13.299+/-137.882 χ^2/NDF : 14.2/6

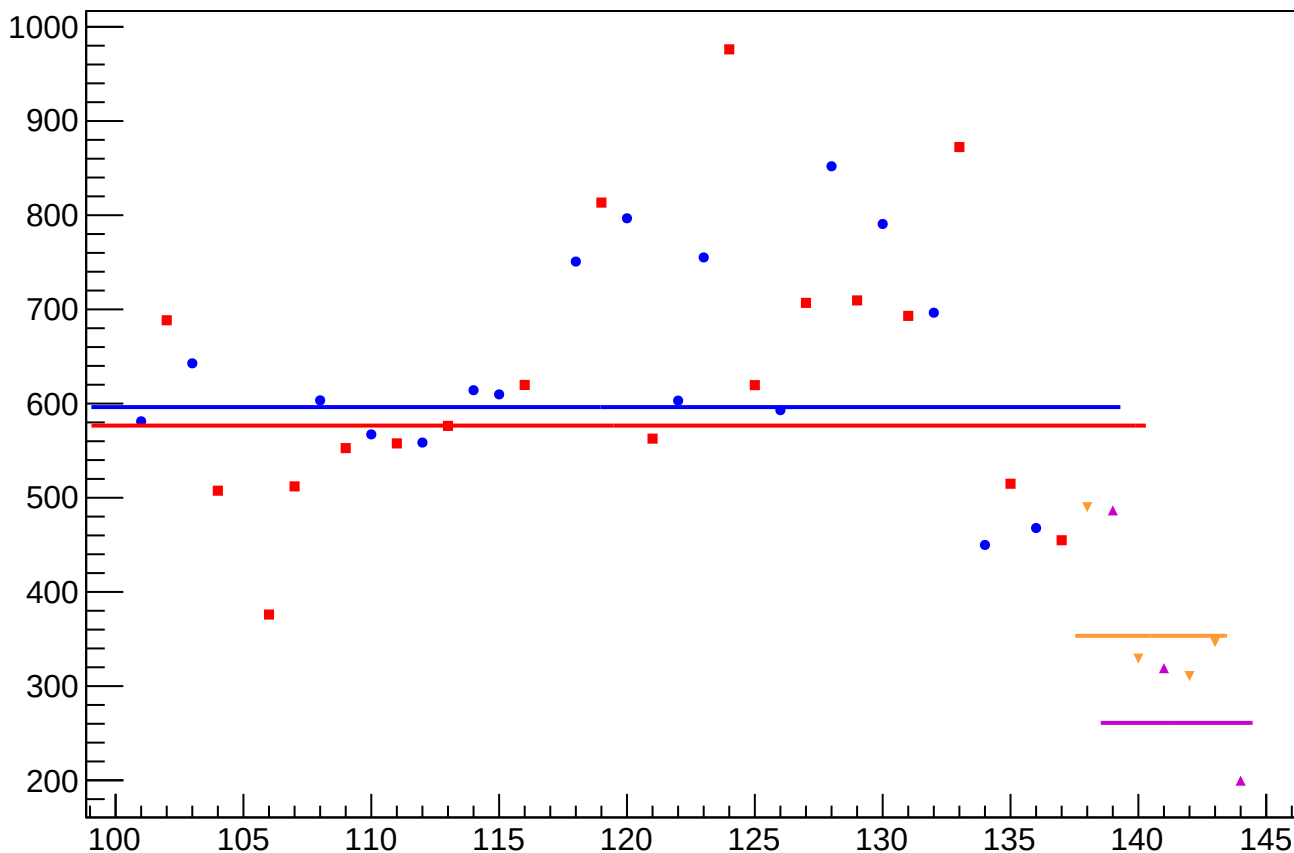
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: 25.434+/-142.067 χ^2/NDF : 26.9/19

Out: 47.600+/-155.706 χ^2/NDF : 24.9/21

All: 35.504+/-104.948 χ^2/NDF : 51.8/41

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: 353.420 $\pm$ 0.154 χ^2 /NDF:137247.4/3

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: 298.046 $\pm$ 0.097 χ^2 /NDF: 895965.1/6

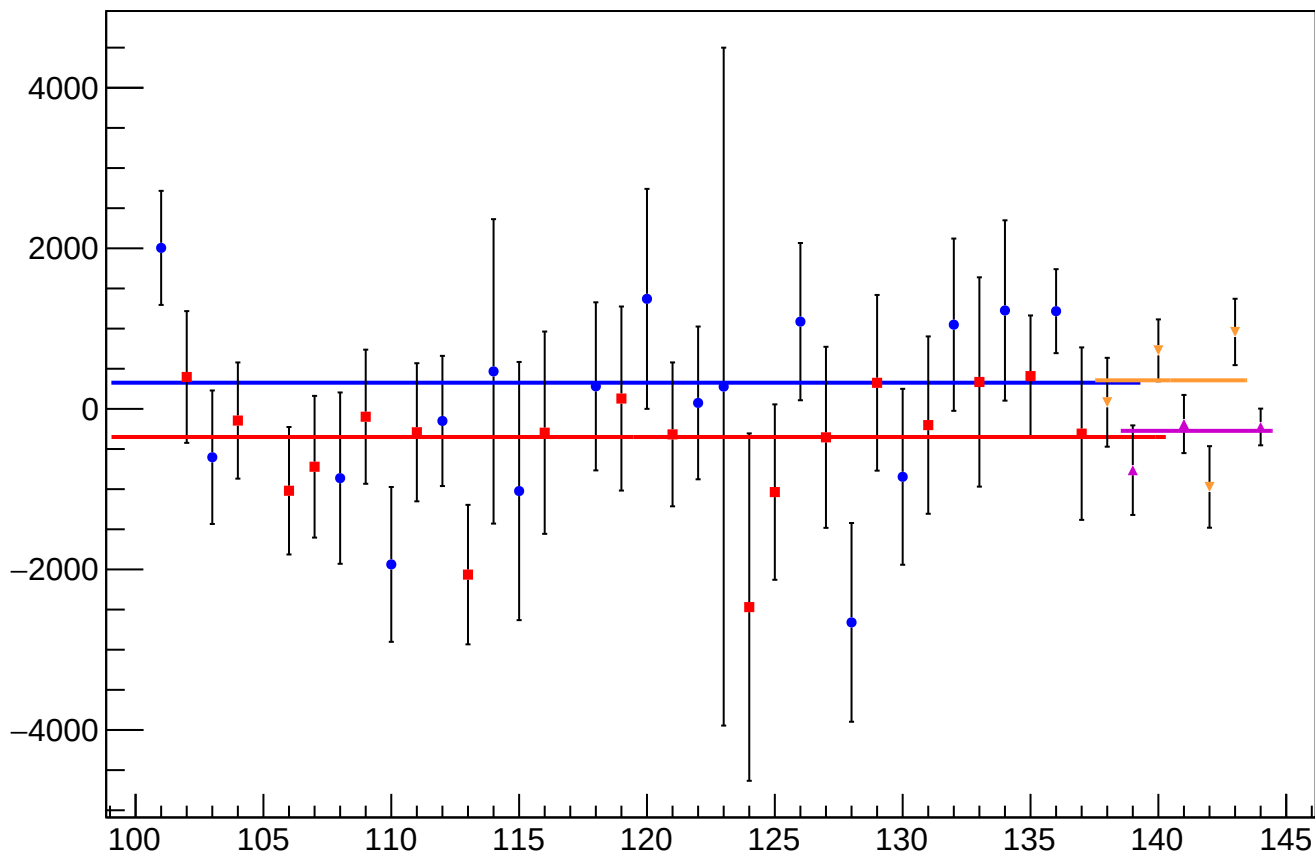
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 383.075 $\pm$ 0.100 χ^2 /NDF:3544393.4/19

Out: 462.441 $\pm$ 0.110 χ^2 /NDF:1737727.6/21

All: 419.130 $\pm$ 0.074 χ^2 /NDF: 5565681.0/41

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 355.794+/-225.211 χ^2/NDF :10.1/3

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: -23.995+/-141.840 χ^2/NDF : 15.7/6

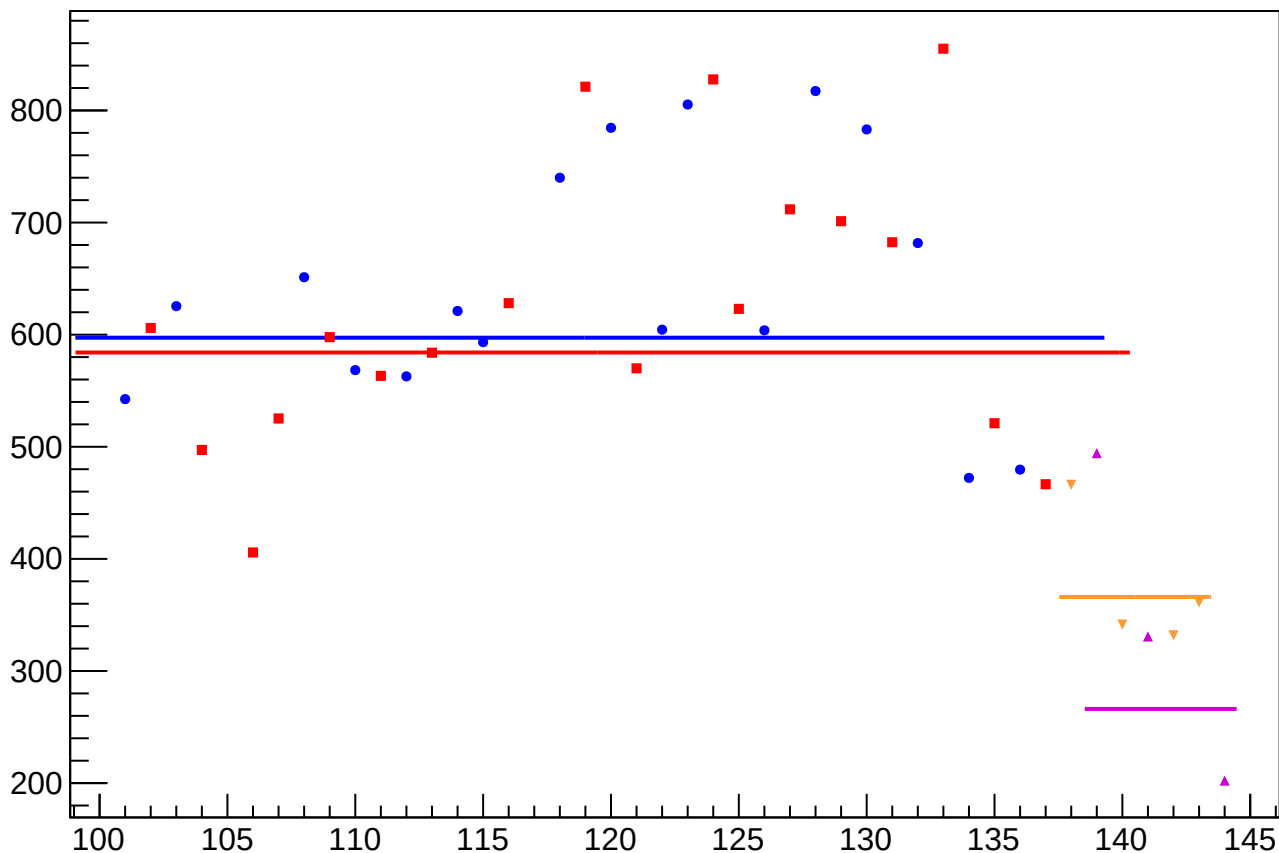
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -48.600+/-144.330 χ^2/NDF :31.8/19

Out: 2.768+/-159.264 χ^2/NDF :24.1/21

All: -25.436+/-106.948 χ^2/NDF : 55.9/41

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 366.053 $\pm$ 0.159 χ^2 /NDF:82851.9/3

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: 305.798 $\pm$ 0.100 χ^2 /NDF: 875076.3/6

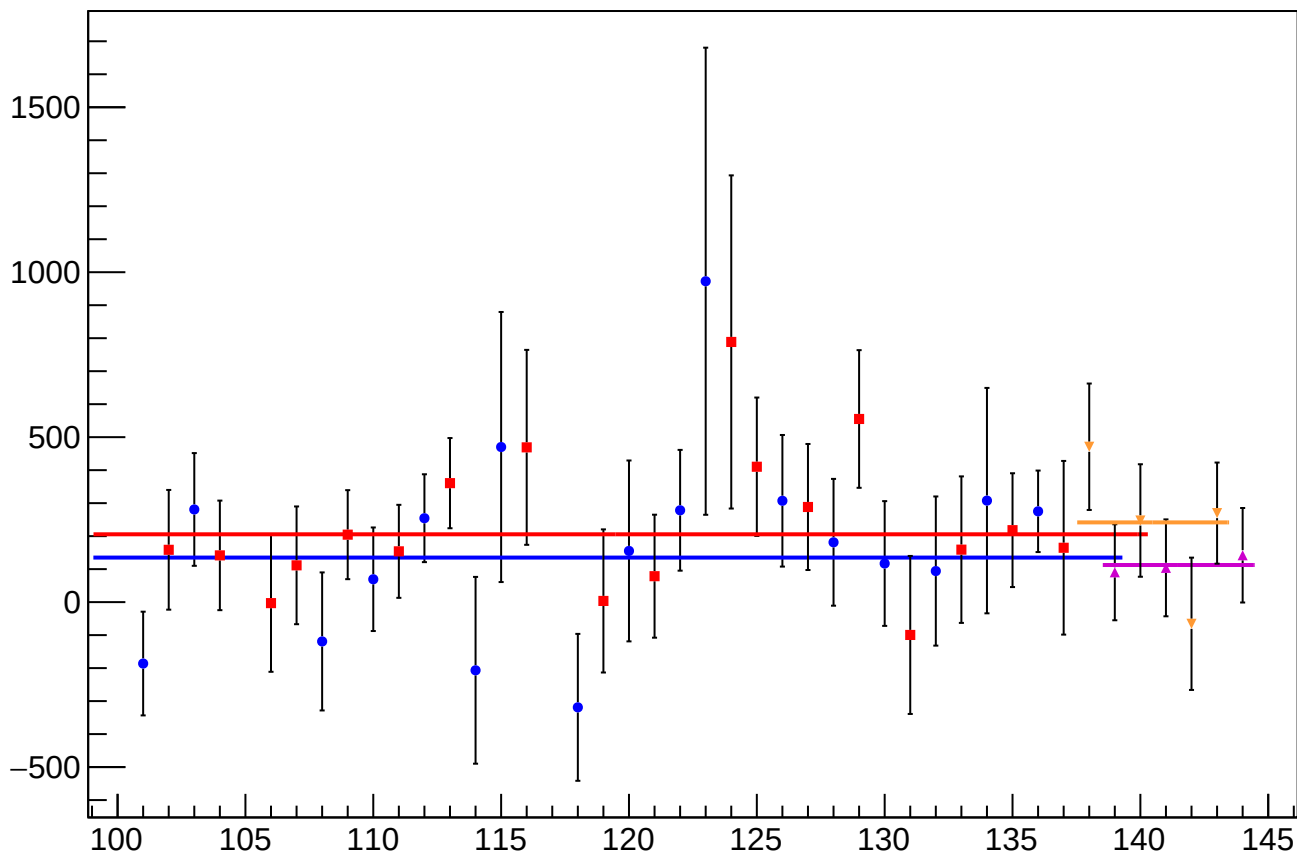
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 390.448 $\pm$ 0.102 χ^2 /NDF:3386428.8/19

Out: 475.062 $\pm$ 0.113 χ^2 /NDF:1467045.0/21

All: 428.603 $\pm$ 0.076 χ^2 /NDF: 5163438.6/41

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: 241.653 $\pm$ 88.012 χ^2 /NDF:3.8/3

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: 173.928 $\pm$ 60.695 χ^2 /NDF: 5.0/6

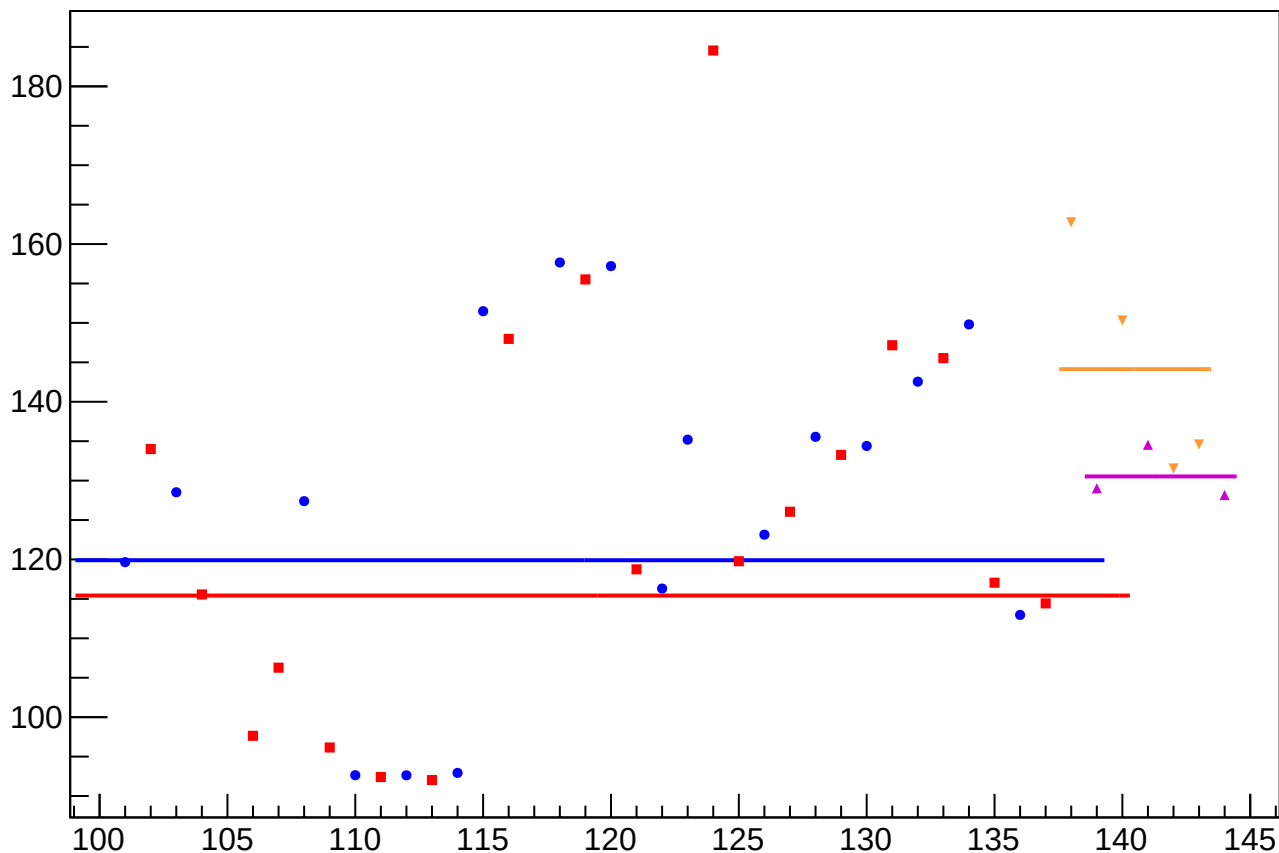
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 129.638 $\pm$ 41.010 χ^2 /NDF:18.2/19

Out: 212.942 $\pm$ 39.738 χ^2 /NDF:16.0/21

All: 172.602 $\pm$ 28.538 χ^2 /NDF: 36.3/41

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 144.136+/-0.062 χ^2/NDF : 37188.3/3

Right Out: 115.422+/-0.031 χ^2/NDF : 418100.5/17

Left In: 130.530+/-0.059 χ^2/NDF : 2251.4/2

Left: 137.001+/-0.043 χ^2/NDF : 64505.0/6

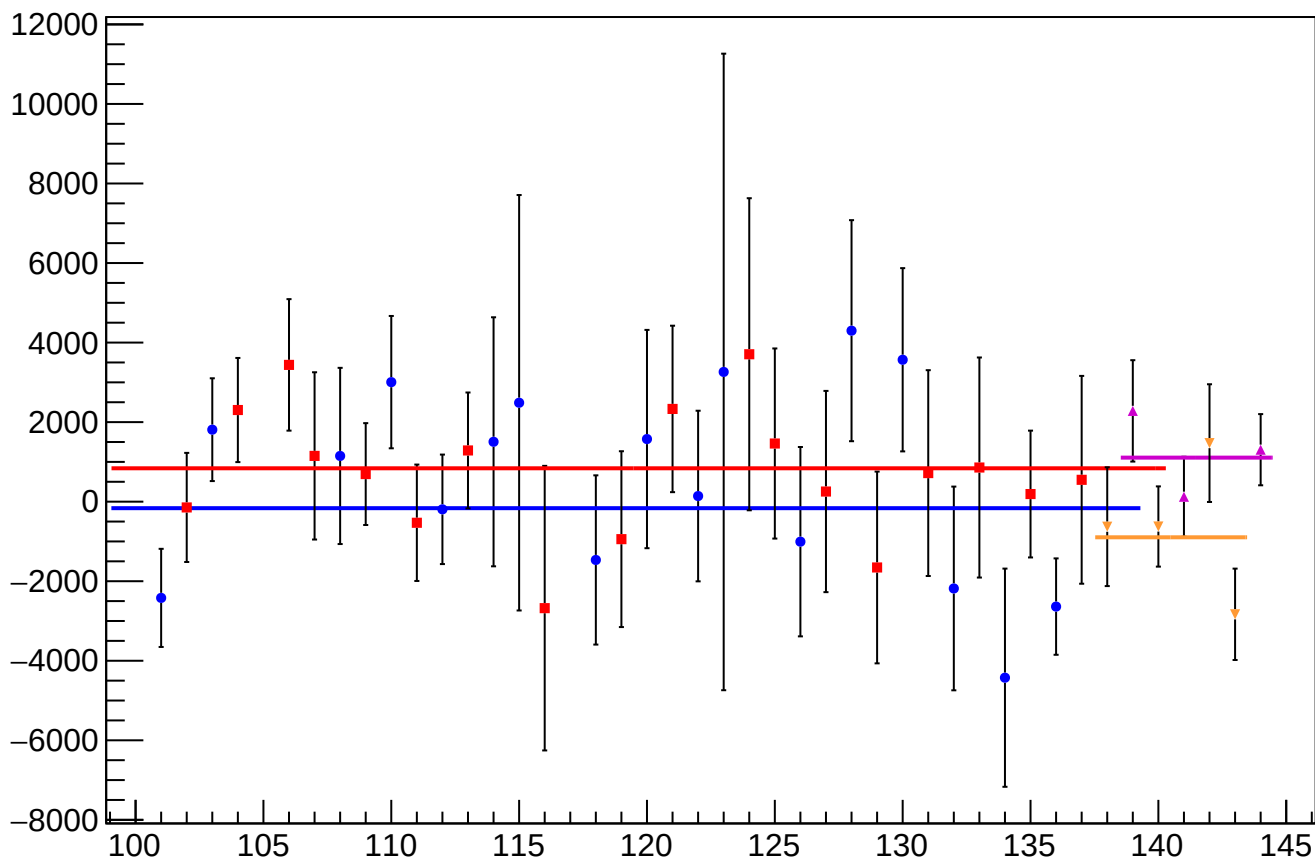
Right: 117.541+/-0.023 χ^2/NDF : 773185.8/34

In: 122.448+/-0.029 χ^2/NDF : 372217.5/19

Out: 121.276+/-0.028 χ^2/NDF : 624769.8/21

All: 121.843+/-0.020 χ^2/NDF : 997830.1/41

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -895.873+/-614.789 χ^2/NDF : 5.5/3

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: 143.439+/-426.442 χ^2/NDF : 12.9/6

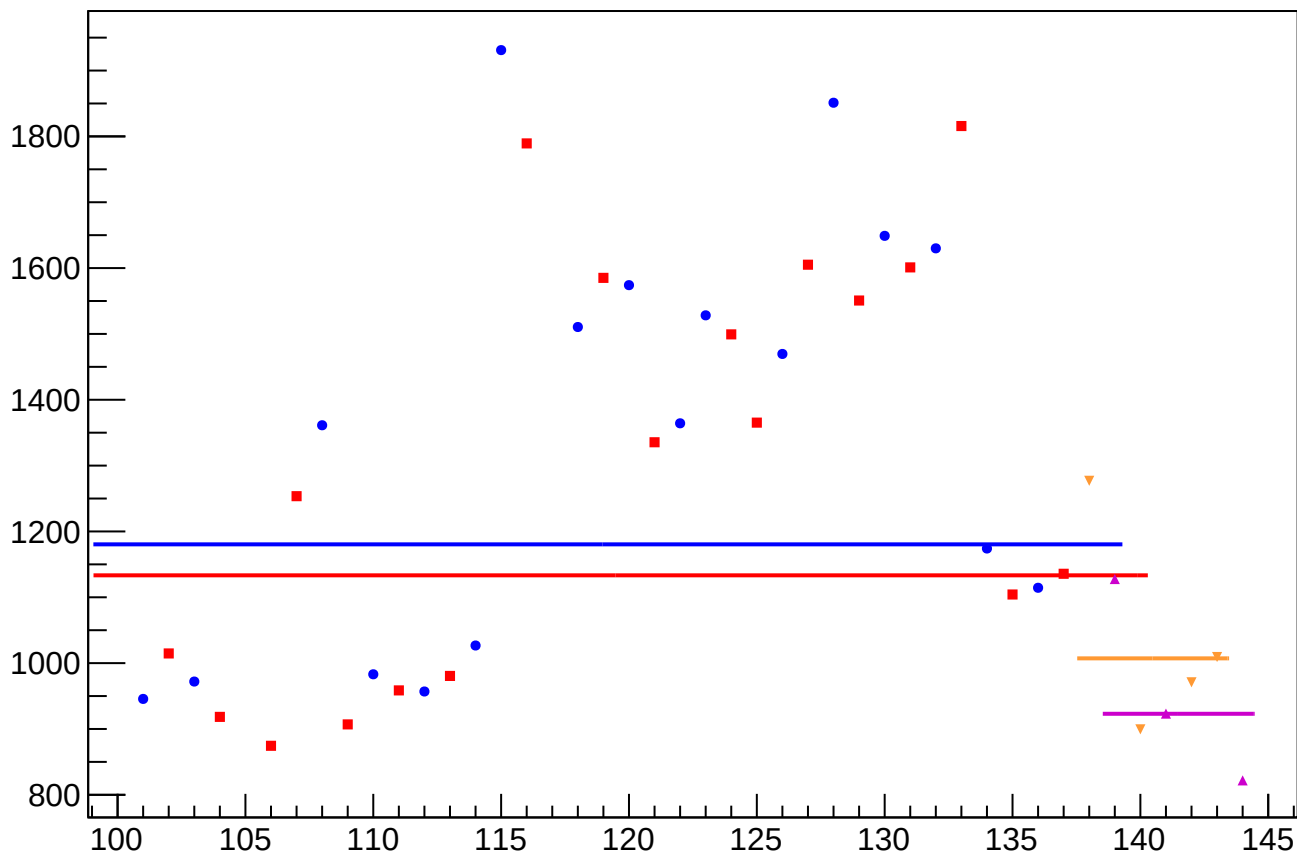
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 327.206+/-367.905 χ^2/NDF : 28.4/19

Out: 250.648+/-358.060 χ^2/NDF : 20.0/21

All: 287.889+/-256.597 χ^2/NDF : 48.5/41

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 1007.237+/-0.435 χ^2/NDF : 89292.4/3

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: 963.564+/-0.302 χ^2/NDF : 185863.6/6

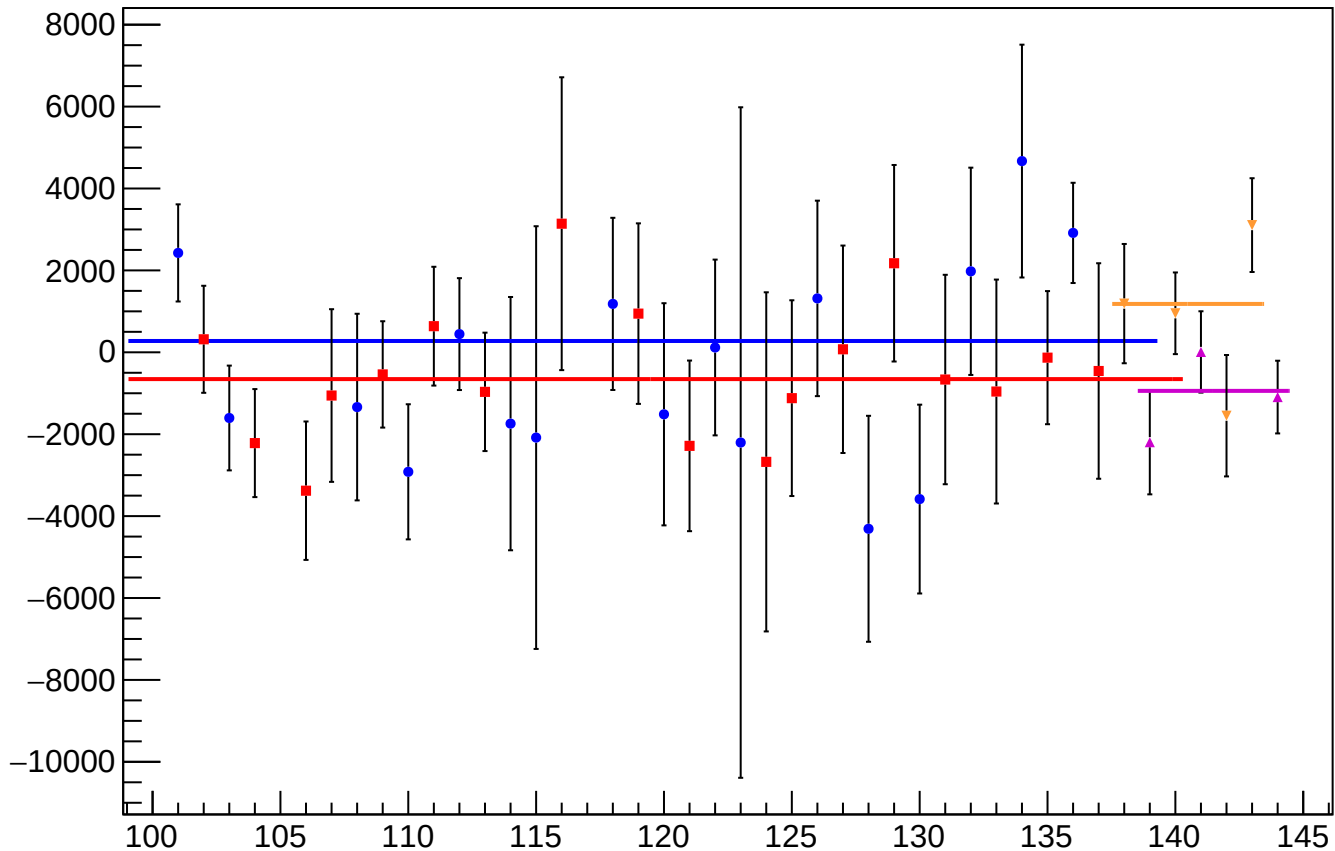
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1081.021+/-0.260 χ^2/NDF : 977917.9/19

Out: 1090.570+/-0.253 χ^2/NDF : 905297.1/21

All: 1085.925+/-0.181 χ^2/NDF : 1883906.9/41

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1181.124 $\pm$ 609.166 χ^2 /NDF: 6.3/3

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -941.951 $\pm$ 587.260 χ^2 /NDF: 1.9/2

Left: 80.726 $\pm$ 422.788 χ^2 /NDF: 14.5/6

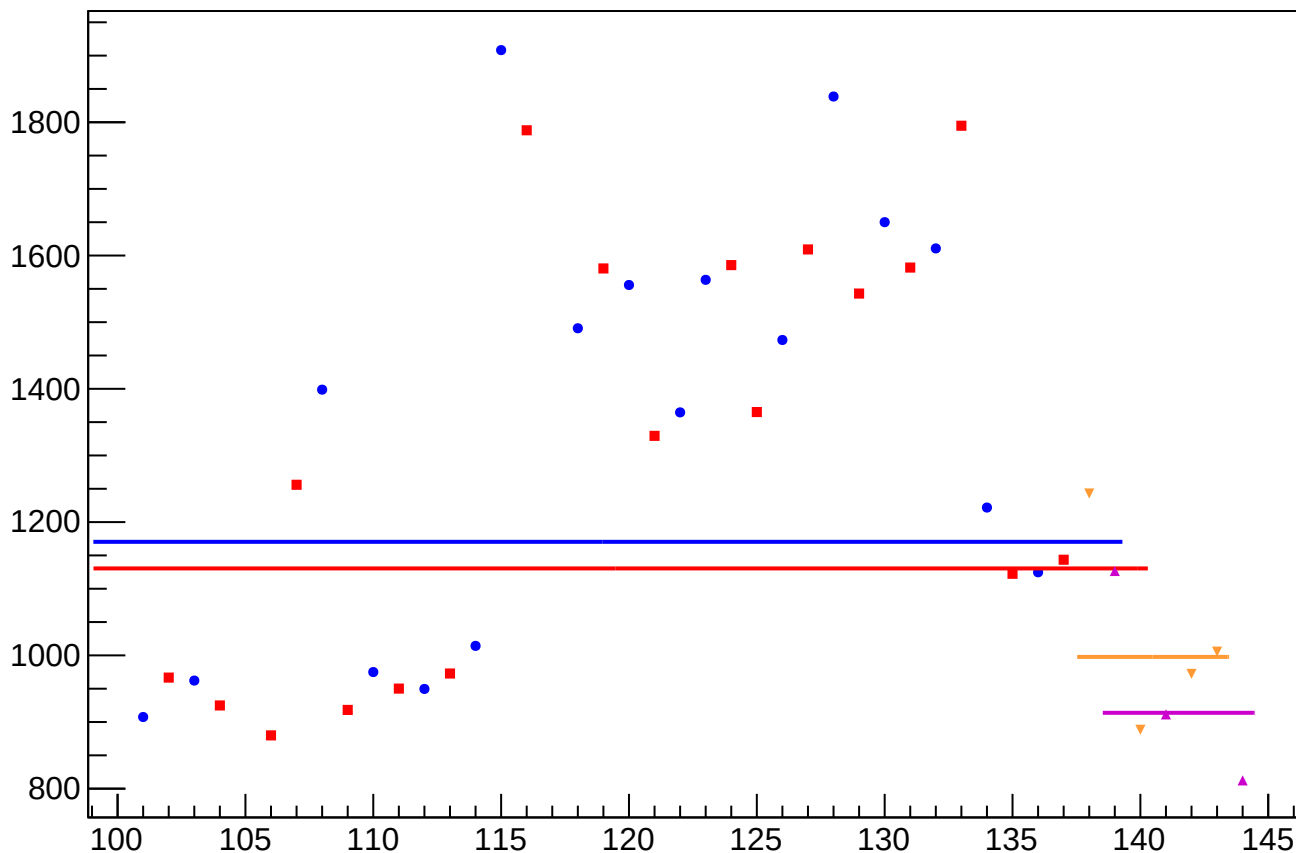
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: -194.857 $\pm$ 365.240 χ^2 /NDF: 28.9/19

Out: -25.432 $\pm$ 356.592 χ^2 /NDF: 21.8/21

All: -108.115 $\pm$ 255.151 χ^2 /NDF: 50.8/41

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 +/- 0.330 χ^2/NDF : 705486.8/16

Left Out: 997.724 +/- 0.431 χ^2/NDF : 81413.7/3

Right Out: 1130.456 +/- 0.311 χ^2/NDF : 763027.2/17

Left In: 913.832 +/- 0.415 χ^2/NDF : 81928.5/2

Left: 954.242 +/- 0.299 χ^2/NDF : 183001.9/6

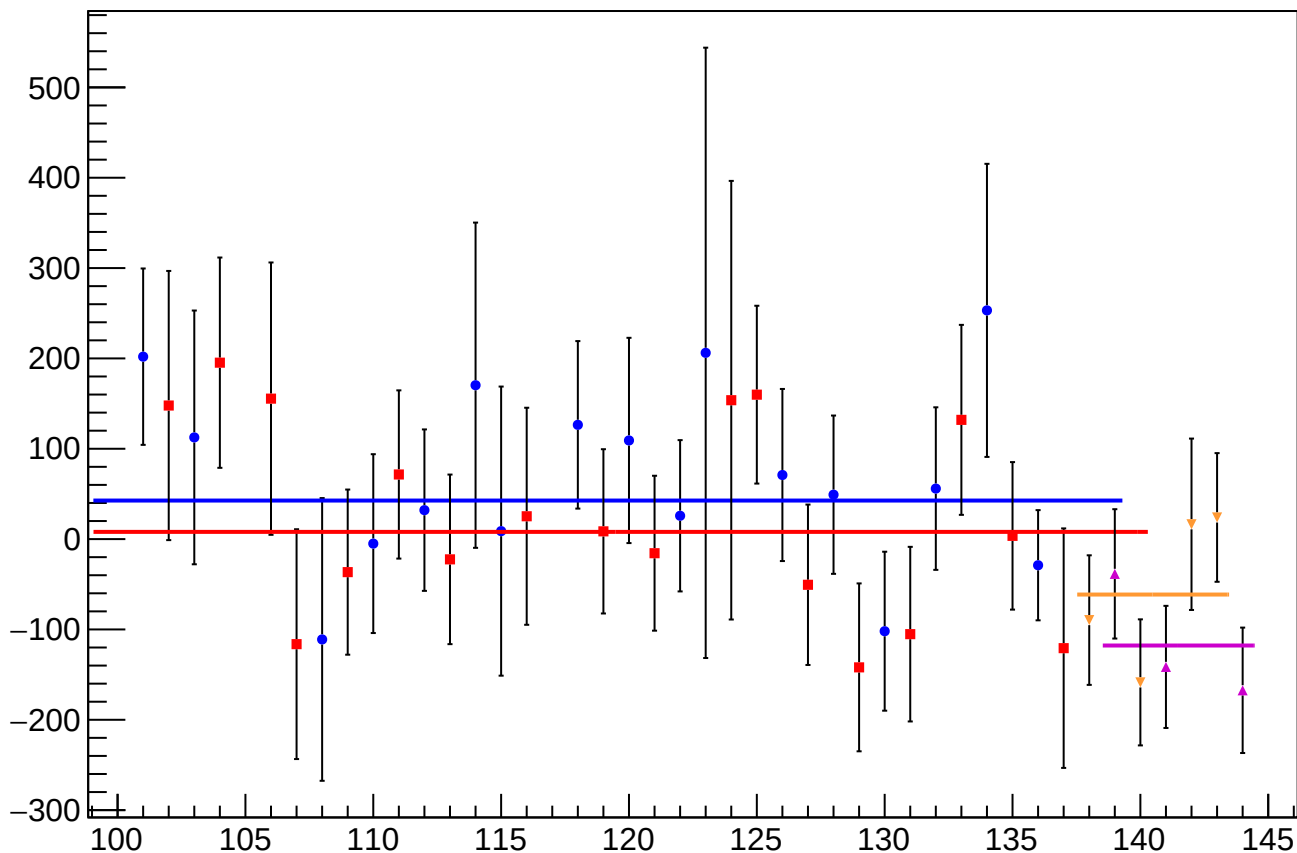
Right: 1149.259 +/- 0.226 χ^2/NDF : 1476279.7/34

In: 1071.160 +/- 0.258 χ^2/NDF : 1021505.9/19

Out: 1084.973 +/- 0.252 χ^2/NDF : 906857.7/21

All: 1078.232 +/- 0.180 χ^2/NDF : 1929828.3/41

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -61.372 $\pm$ 37.575 χ^2 /NDF:4.2/3

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -117.792 $\pm$ 40.110 χ^2 /NDF:1.9/2

Left: -87.744 $\pm$ 27.422 χ^2 /NDF: 7.1/6

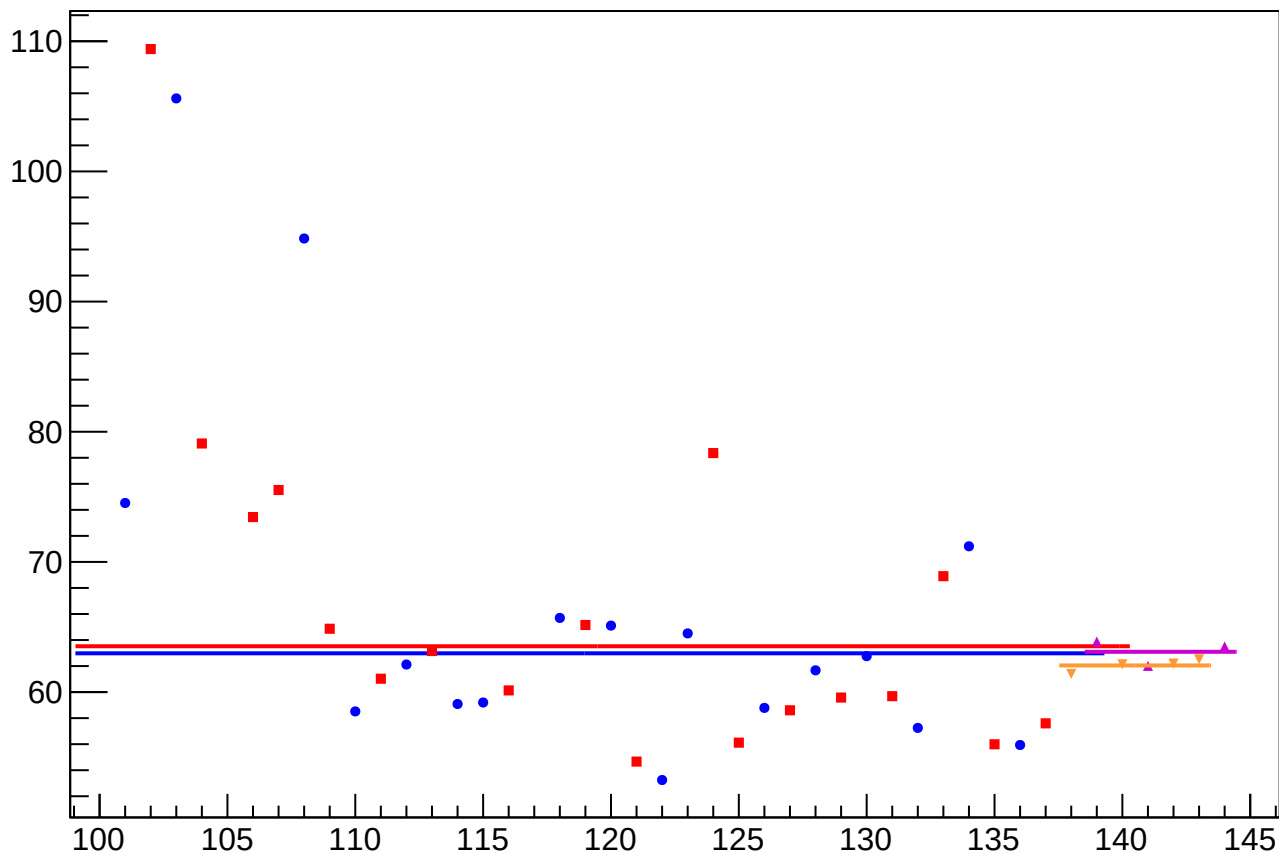
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: -1.449 $\pm$ 21.032 χ^2 /NDF:25.4/19

Out: -12.689 $\pm$ 20.518 χ^2 /NDF:22.4/21

All: -7.208 $\pm$ 14.687 χ^2 /NDF: 48.0/41

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: 62.048 $\pm$ 0.027 χ^2 /NDF:262.7/3

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: 62.538 $\pm$ 0.019 χ^2 /NDF: 1809.9/6

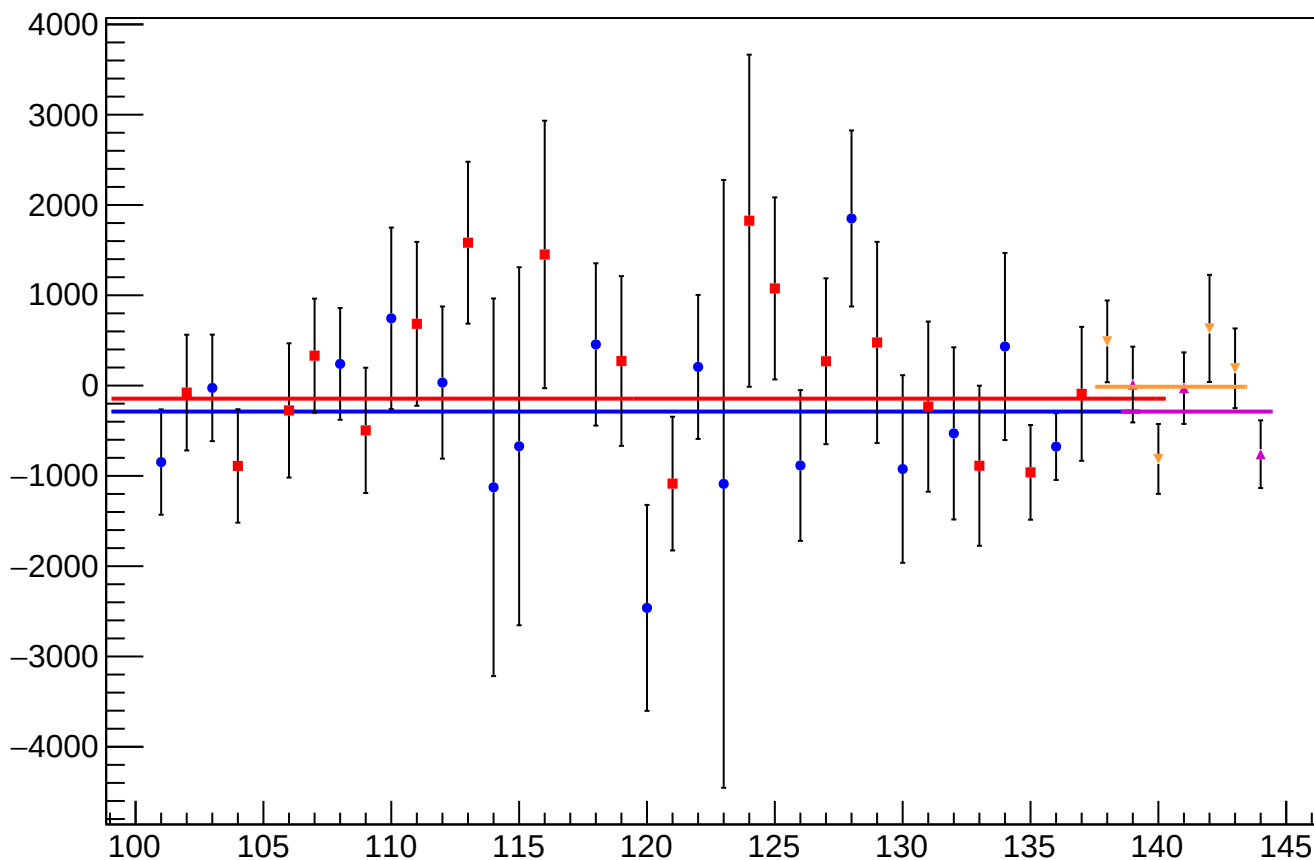
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.012 $\pm$ 0.015 χ^2 /NDF:376094.8/19

Out: 63.083 $\pm$ 0.015 χ^2 /NDF:337855.2/21

All: 63.048 $\pm$ 0.010 χ^2 /NDF: 713961.5/41

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: -12.825 ± 226.304 $\chi^2/\text{NDF}: 6.9/3$

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: -149.126 ± 160.745 $\chi^2/\text{NDF}: 10.2/6$

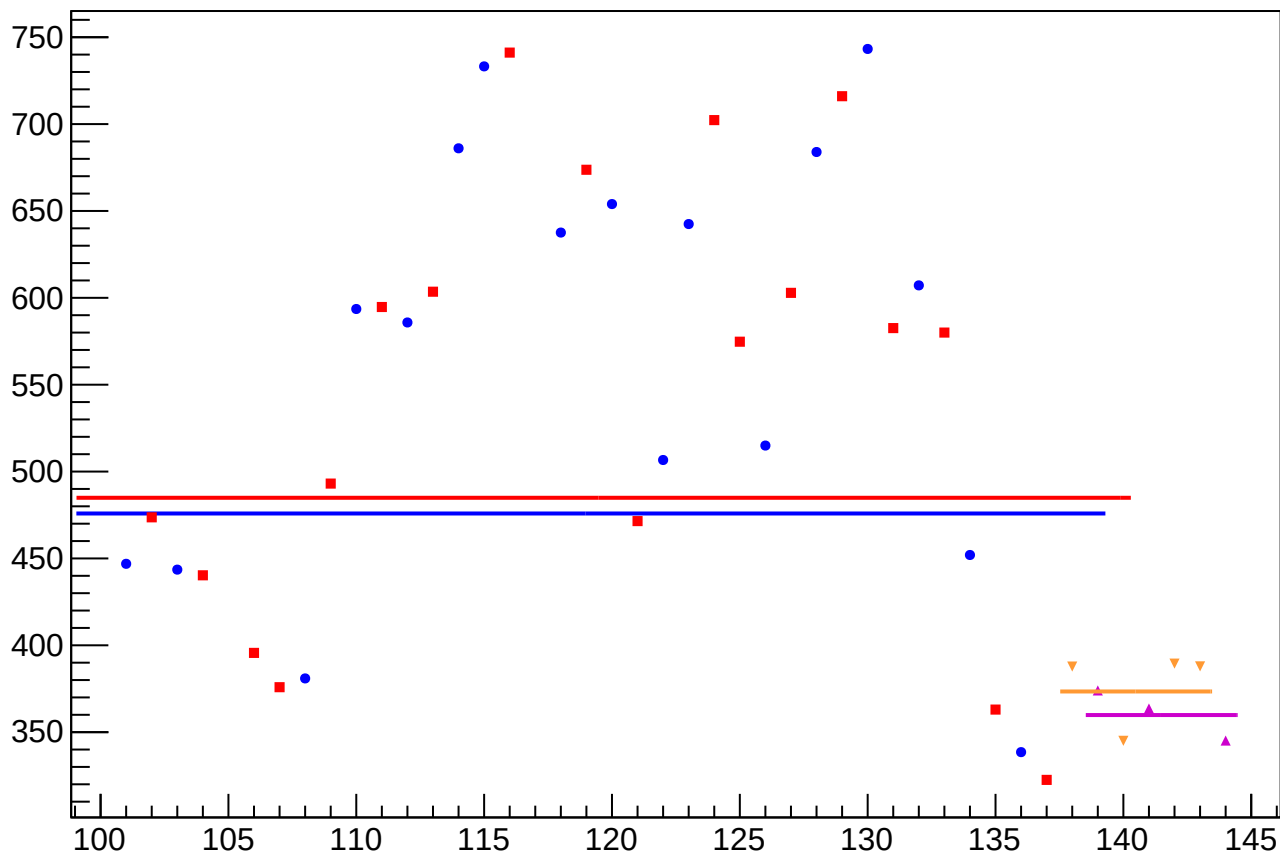
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -287.781 ± 146.007 $\chi^2/\text{NDF}: 17.9/19$

Out: -90.882 ± 144.508 $\chi^2/\text{NDF}: 23.2/21$

All: -188.315 ± 102.709 $\chi^2/\text{NDF}: 42.0/41$

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: 373.427+/-0.160 χ^2/NDF :16377.1/3

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: 366.705+/-0.114 χ^2/NDF : 25466.5/6

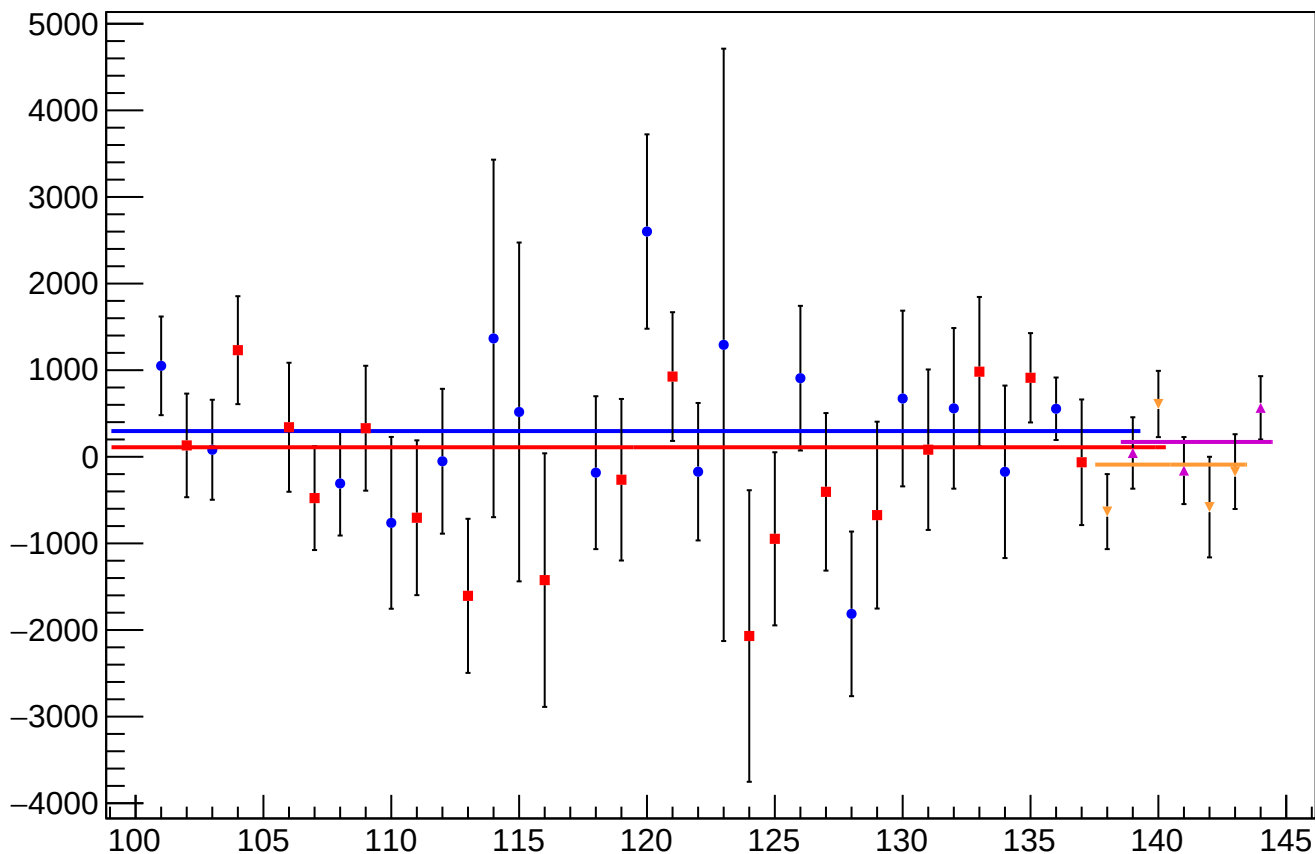
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 428.448+/-0.103 χ^2/NDF :1148489.4/19

Out: 439.454+/-0.102 χ^2/NDF :1020165.6/21

All: 434.008+/-0.073 χ^2/NDF : 2174395.5/41

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: -90.187 $\pm$ 220.922 χ^2 /NDF: 5.7/3

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: 39.117 $\pm$ 157.069 χ^2 /NDF: 8.3/6

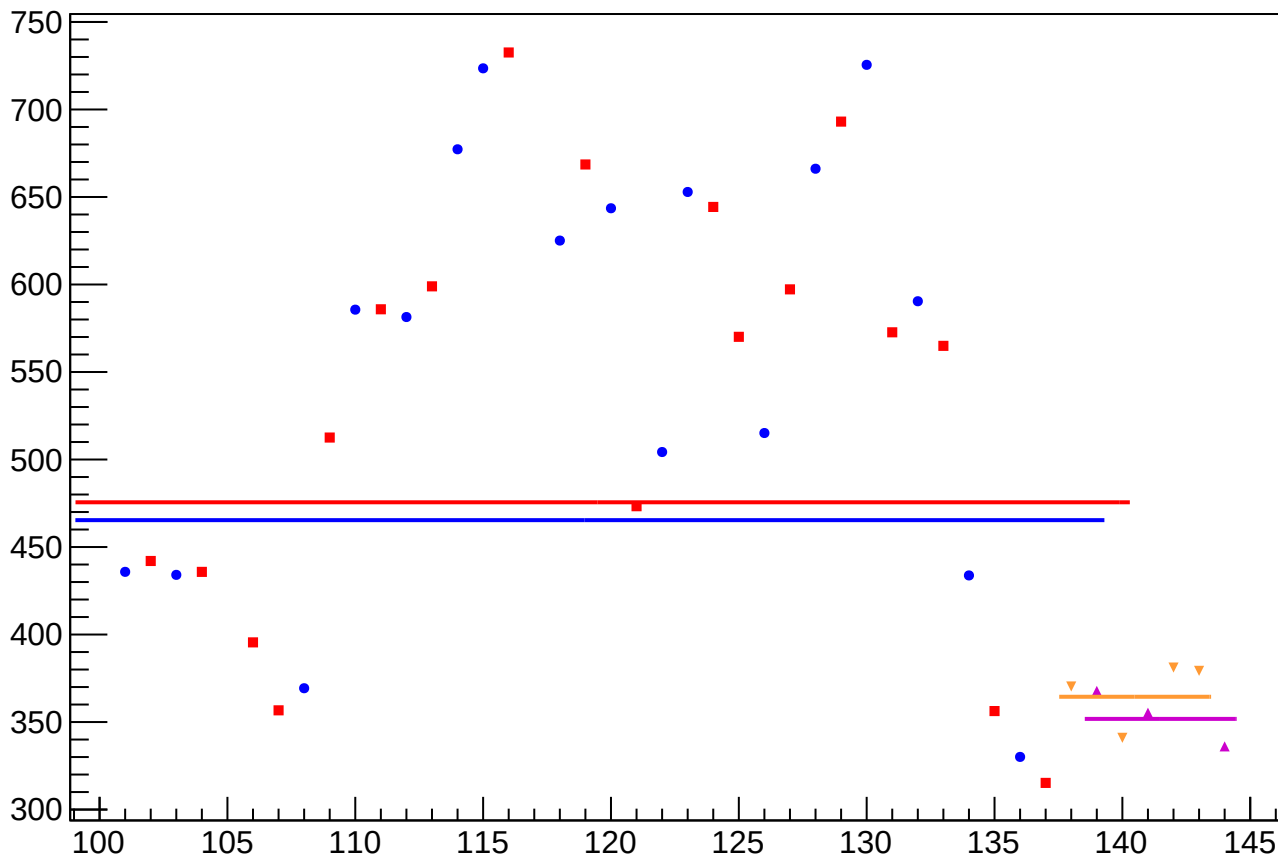
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 245.519 $\pm$ 142.919 χ^2 /NDF: 18.0/19

Out: 27.882 $\pm$ 141.566 χ^2 /NDF: 24.7/21

All: 135.666 $\pm$ 100.577 χ^2 /NDF: 43.9/41

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 364.445+/-0.156 χ^2/NDF : 11884.0/3

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 351.799+/-0.158 χ^2/NDF : 6871.5/2

Left: 358.191+/-0.111 χ^2/NDF : 21996.0/6

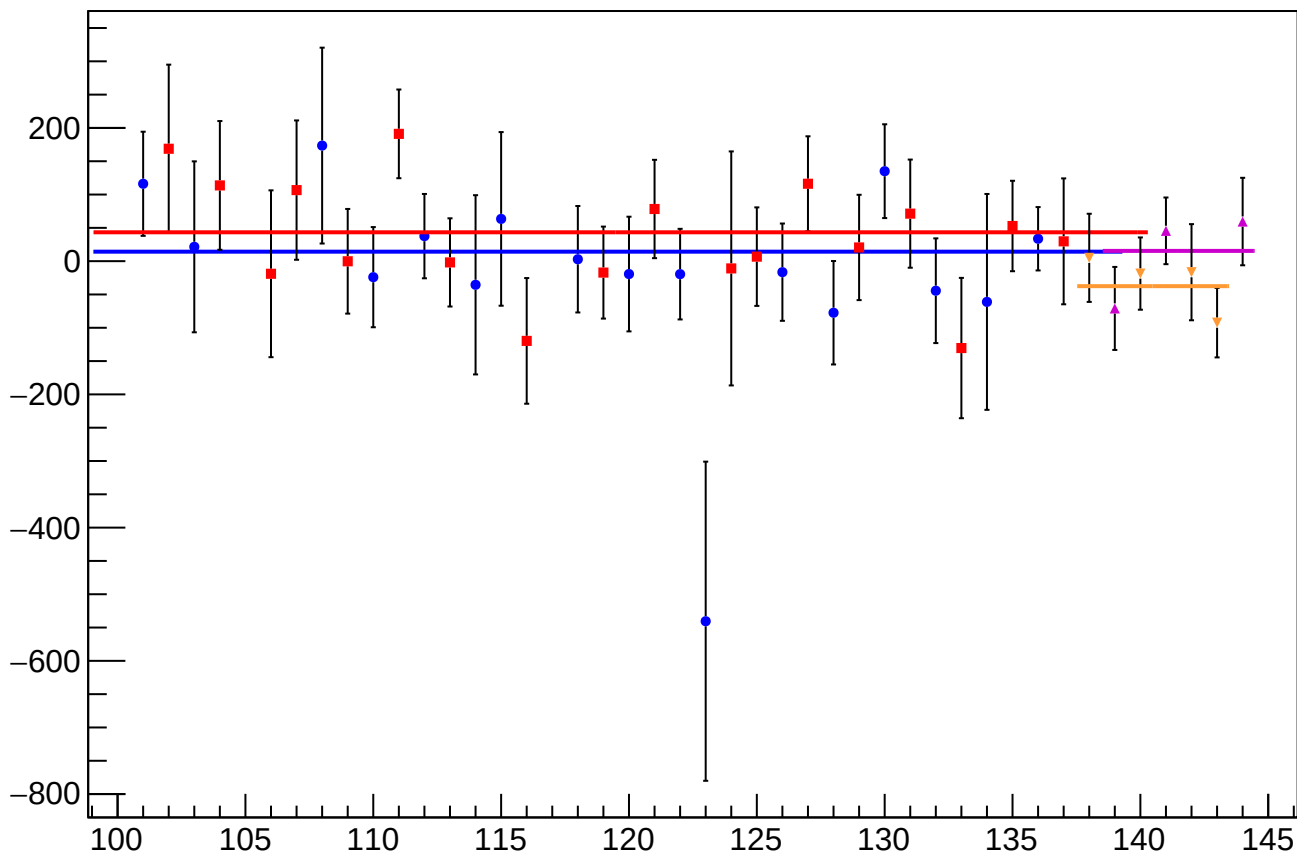
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 418.862+/-0.101 χ^2/NDF : 1172588.9/19

Out: 429.933+/-0.100 χ^2/NDF : 1050918.7/21

All: 424.450+/-0.071 χ^2/NDF : 2229565.7/41

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 $\pm$ 19.867 χ^2/NDF : 14.8/16

Left Out: -37.529 $\pm$ 29.773 χ^2/NDF : 1.7/3

Right Out: 43.336 $\pm$ 19.650 χ^2/NDF : 16.2/17

Left In: 15.412 $\pm$ 33.540 χ^2/NDF : 2.7/2

Left: -14.198 $\pm$ 22.266 χ^2/NDF : 5.9/6

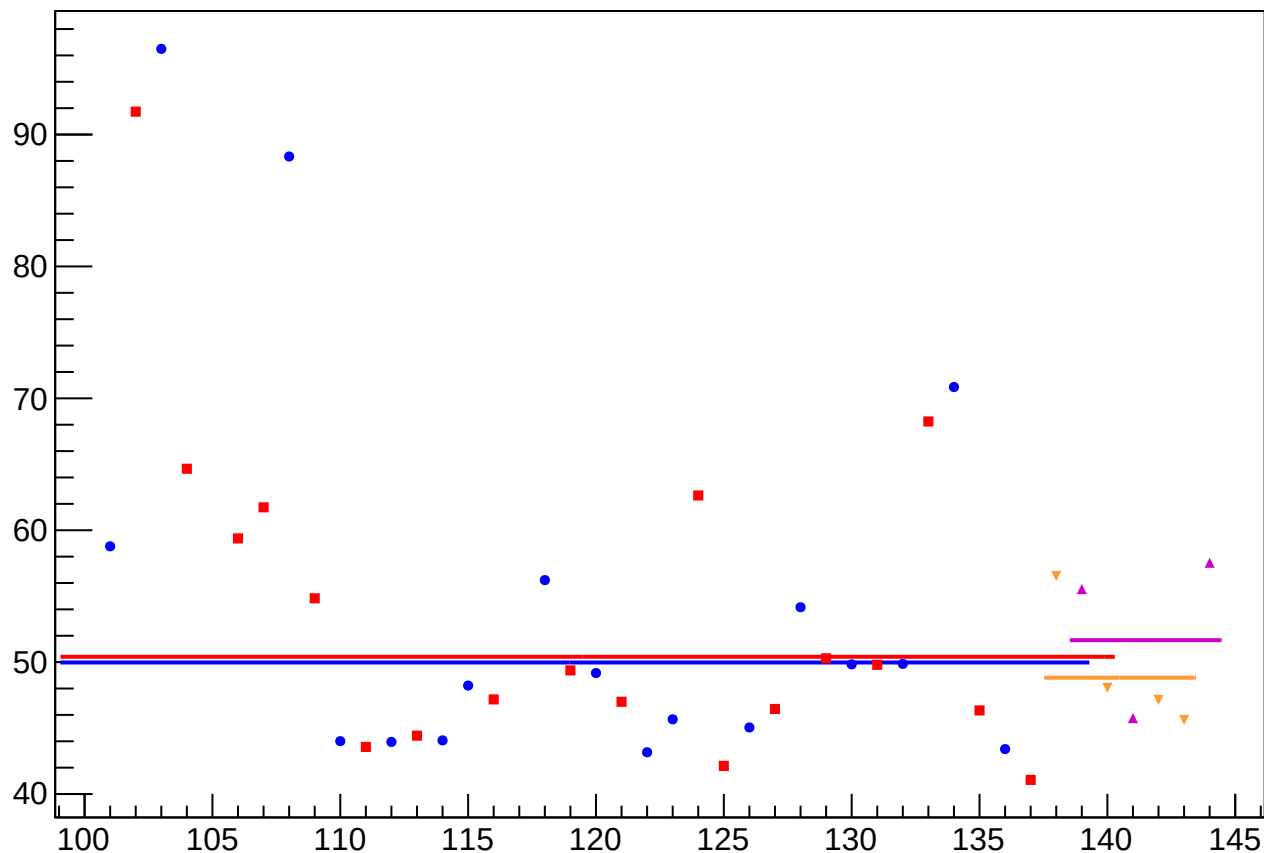
Right: 28.954 $\pm$ 13.971 χ^2/NDF : 32.0/34

In: 14.554 $\pm$ 17.093 χ^2/NDF : 17.5/19

Out: 18.799 $\pm$ 16.400 χ^2/NDF : 23.0/21

All: 16.765 $\pm$ 11.834 χ^2/NDF : 40.6/41

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: 48.822 $\pm$ 0.021 χ^2 /NDF: 36185.3/3

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: 50.075 $\pm$ 0.016 χ^2 /NDF: 95809.5/6

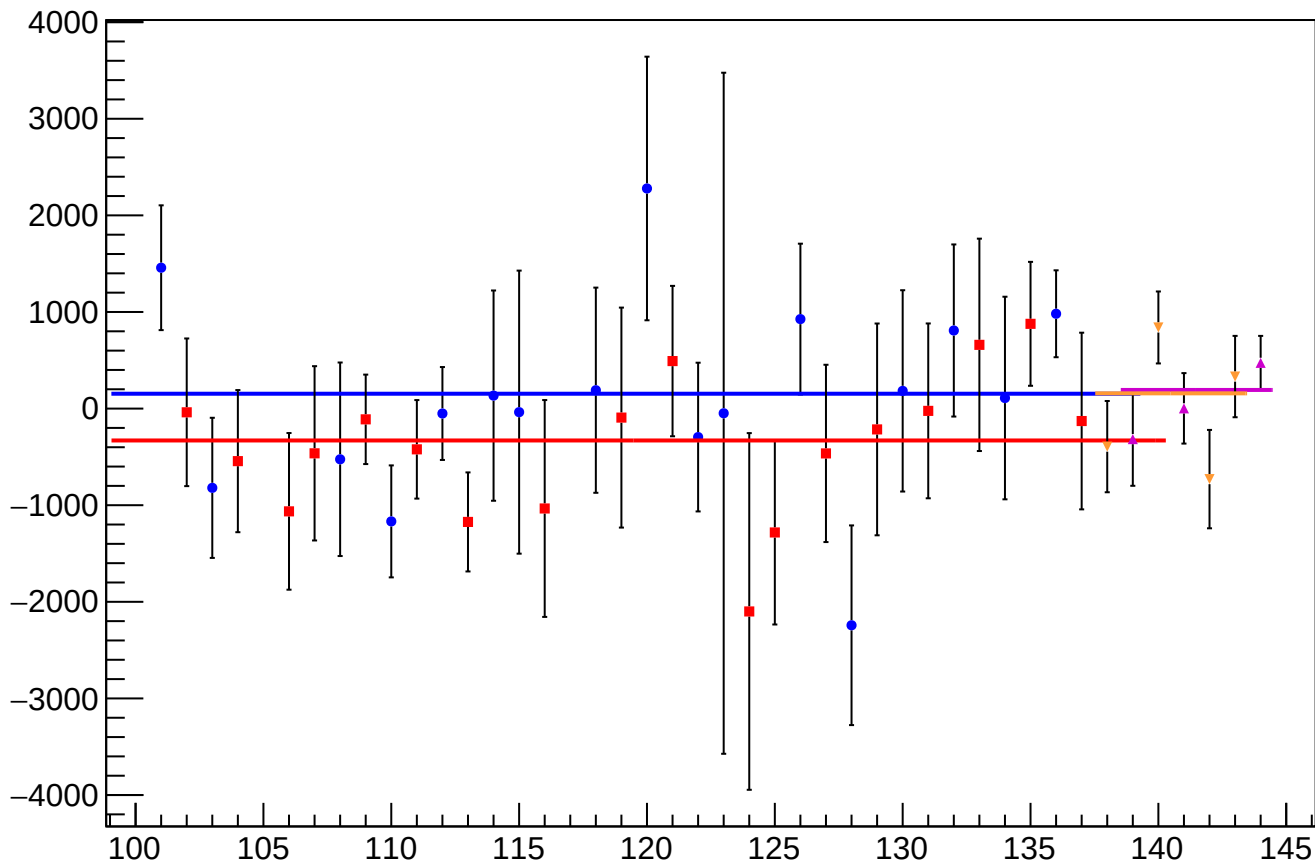
Right: 50.193 $\pm$ 0.010 χ^2 /NDF: 1046716.4/34

In: 50.412 $\pm$ 0.012 χ^2 /NDF: 634108.3/19

Out: 49.927 $\pm$ 0.012 χ^2 /NDF: 507617.5/21

All: 50.160 $\pm$ 0.008 χ^2 /NDF: 1142566.1/41

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: 157.824 $\pm$ 217.246 χ^2 /NDF: 7.9/3

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: 176.705 $\pm$ 147.689 χ^2 /NDF: 10.3/6

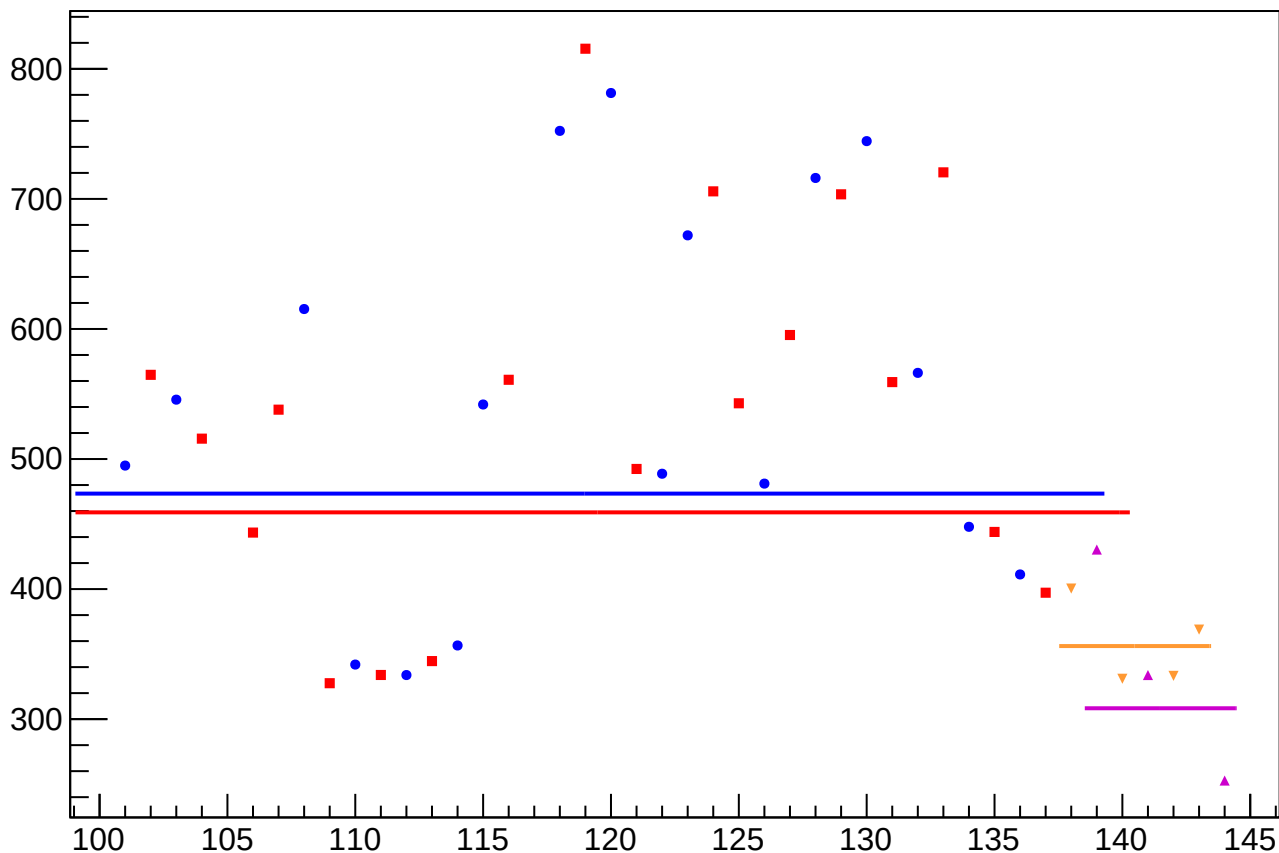
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 172.246 $\pm$ 138.185 χ^2 /NDF: 27.2/19

Out: -131.669 $\pm$ 138.511 χ^2 /NDF: 23.0/21

All: 20.646 $\pm$ 97.827 χ^2 /NDF: 52.6/41

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 356.183+/-0.154 χ^2/NDF : 32504.2/3

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 308.353+/-0.142 χ^2/NDF : 216776.7/2

Left: 330.458+/-0.104 χ^2/NDF : 301421.1/6

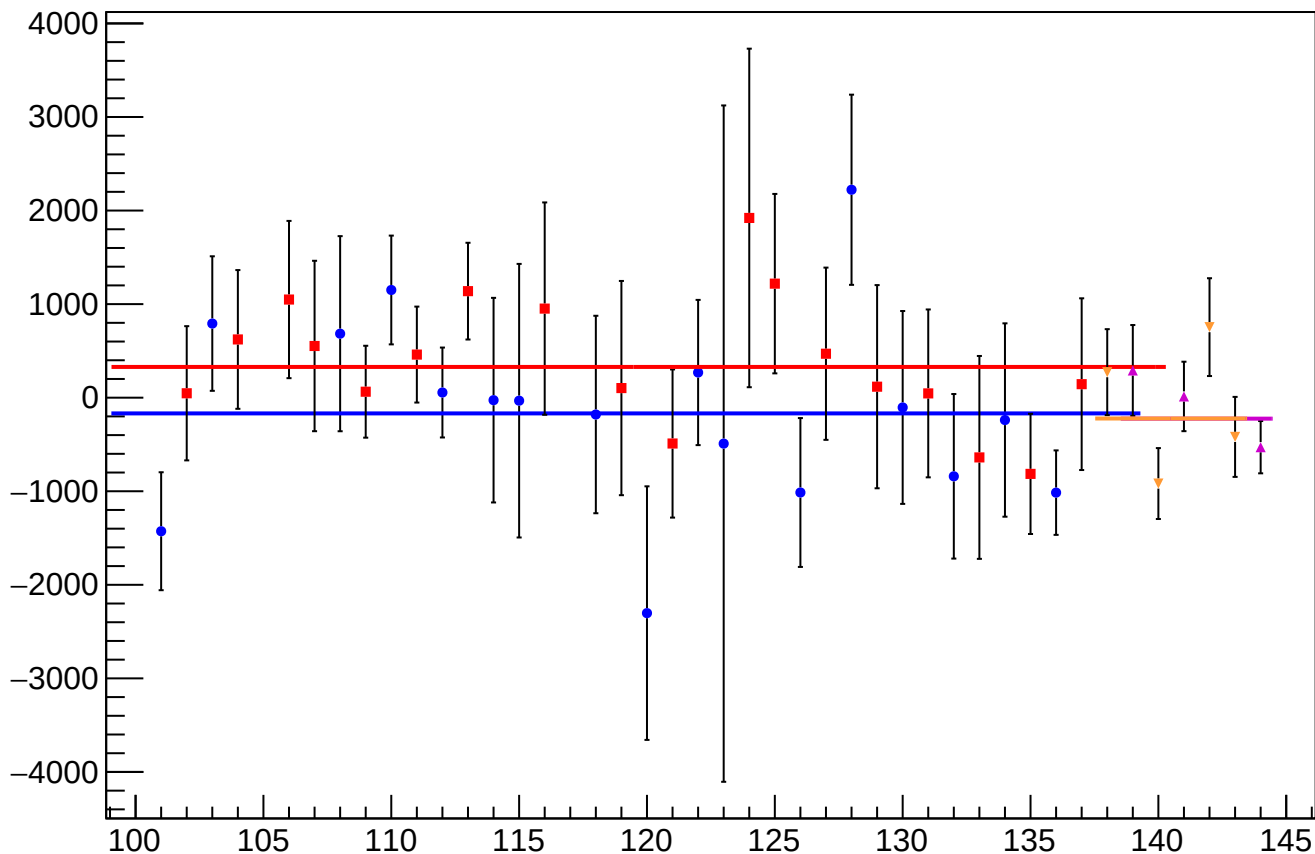
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 395.692+/-0.098 χ^2/NDF : 1842616.6/19

Out: 417.197+/-0.098 χ^2/NDF : 1304574.7/21

All: 406.419+/-0.069 χ^2/NDF : 3171352.7/41

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -222.543+/-219.124 χ^2/NDF : 8.2/3

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -224.120+/-202.830 χ^2/NDF : 2.7/2

Left: -223.393+/-148.850 χ^2/NDF : 11.0/6

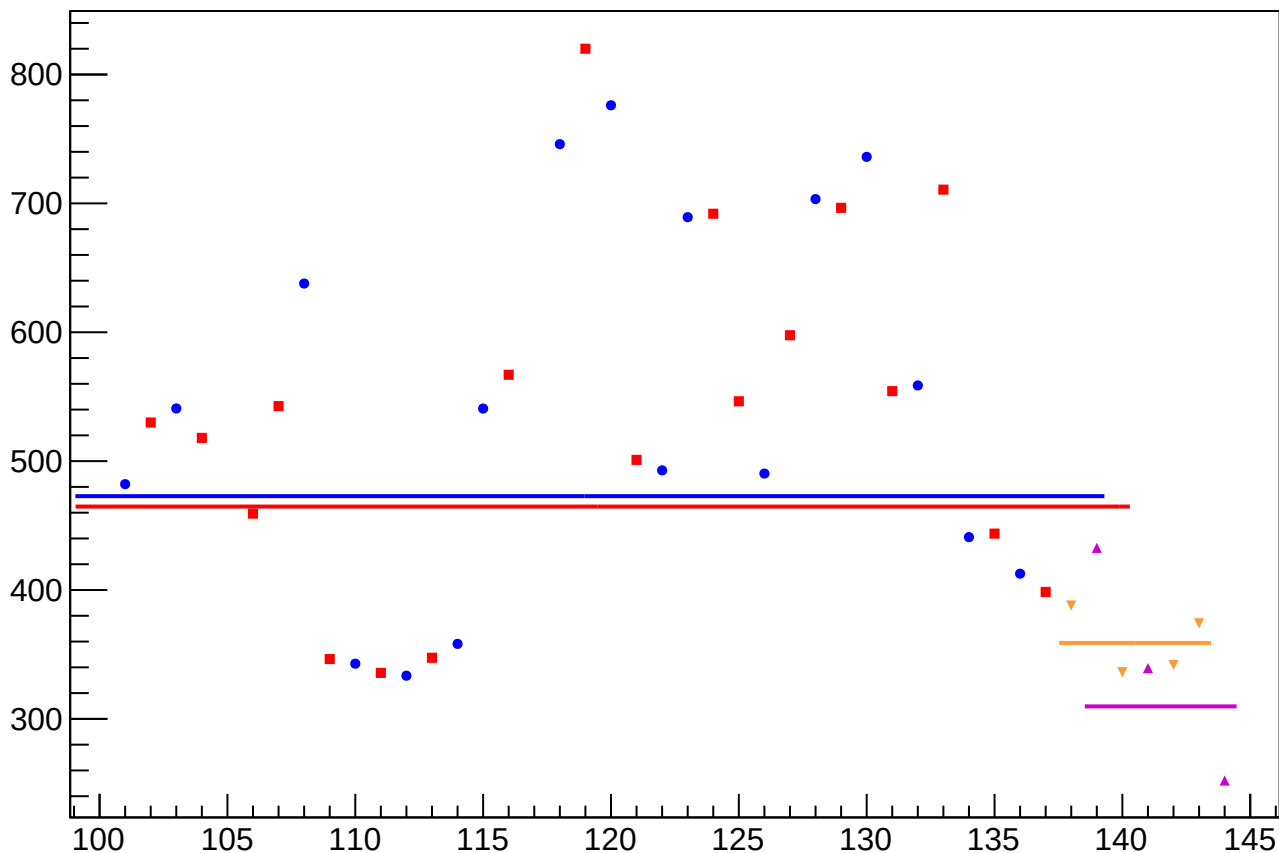
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -194.220+/-138.570 χ^2/NDF : 28.2/19

Out: 104.248+/-139.805 χ^2/NDF : 23.1/21

All: -46.309+/-98.418 χ^2/NDF : 53.6/41

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 358.940+/-0.155 χ^2/NDF :19822.1/3

Right Out: 464.761+/-0.128 χ^2/NDF : 914781.1/17

Left In: 309.705+/-0.143 χ^2/NDF :225882.0/2

Left: 332.424+/-0.105 χ^2/NDF : 300083.8/6

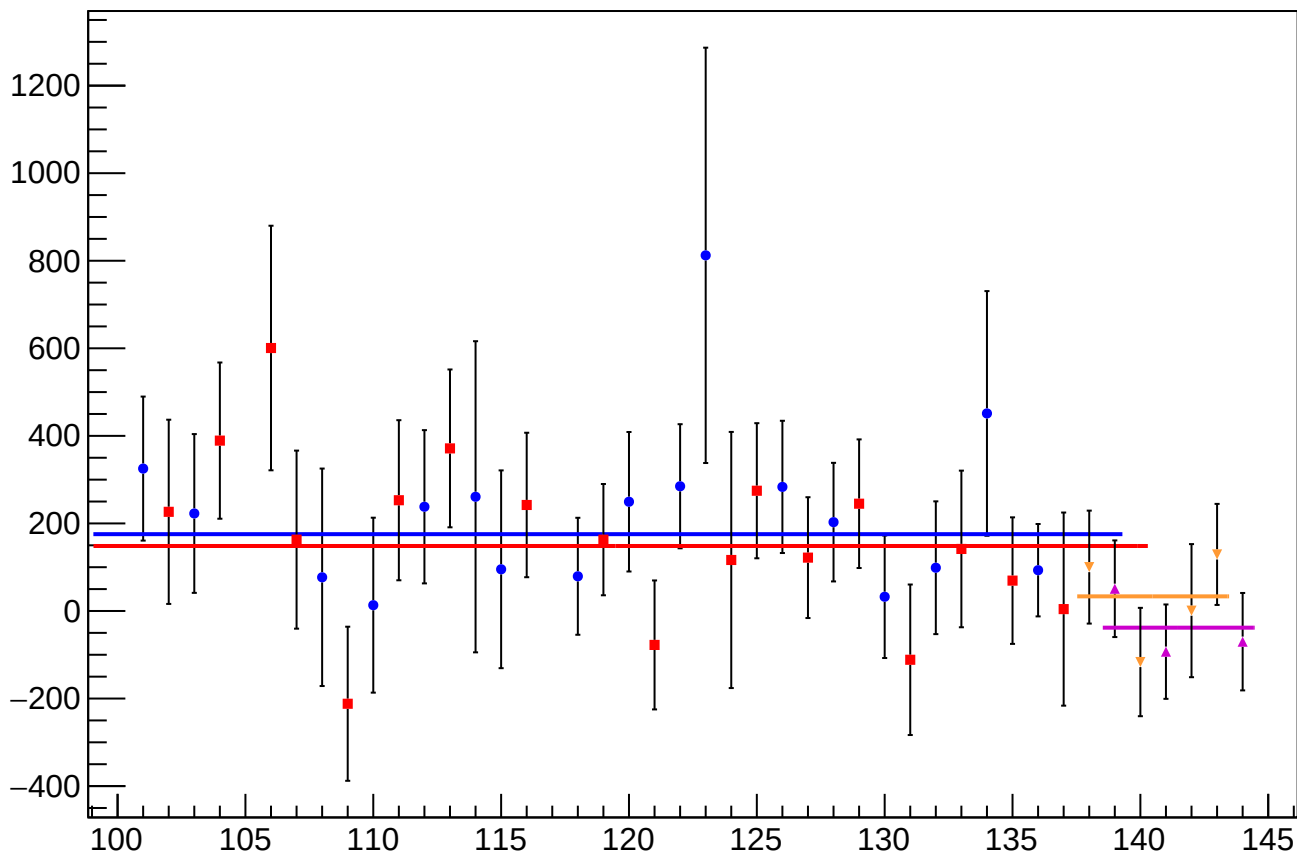
Right: 468.612+/-0.093 χ^2/NDF : 1813037.9/34

In: 396.688+/-0.098 χ^2/NDF :1812003.0/19

Out: 421.685+/-0.099 χ^2/NDF :1211165.8/21

All: 409.075+/-0.070 χ^2/NDF : 3055422.4/41

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: 33.396 $\pm$ 64.054 χ^2 /NDF:2.5/3

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: -2.738 $\pm$ 45.056 χ^2 /NDF: 4.1/6

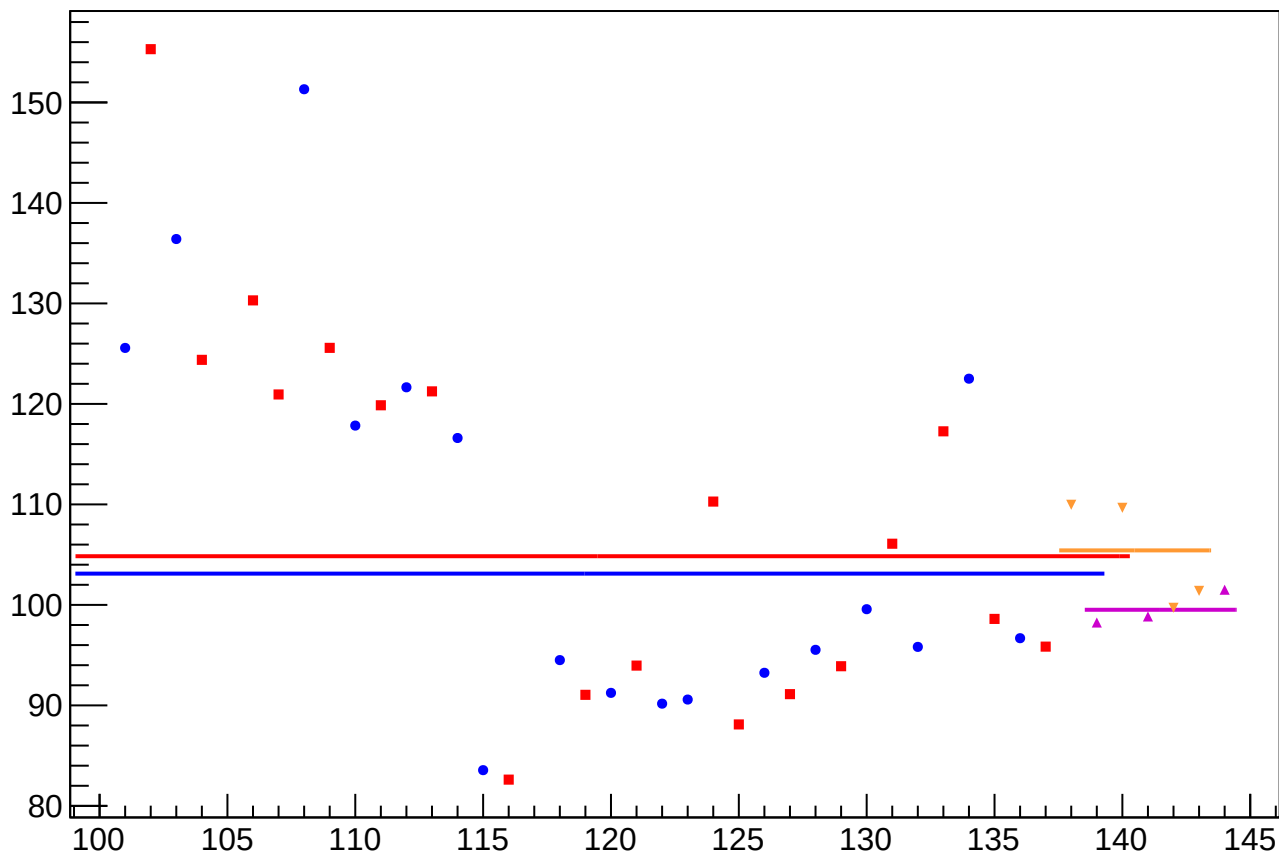
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 113.858 $\pm$ 34.044 χ^2 /NDF:17.7/19

Out: 115.782 $\pm$ 34.130 χ^2 /NDF:22.3/21

All: 114.817 $\pm$ 24.103 χ^2 /NDF: 39.9/41

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: 105.424 $\pm$ 0.045 χ^2 /NDF:10080.9/3

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: 102.438 $\pm$ 0.032 χ^2 /NDF: 19663.3/6

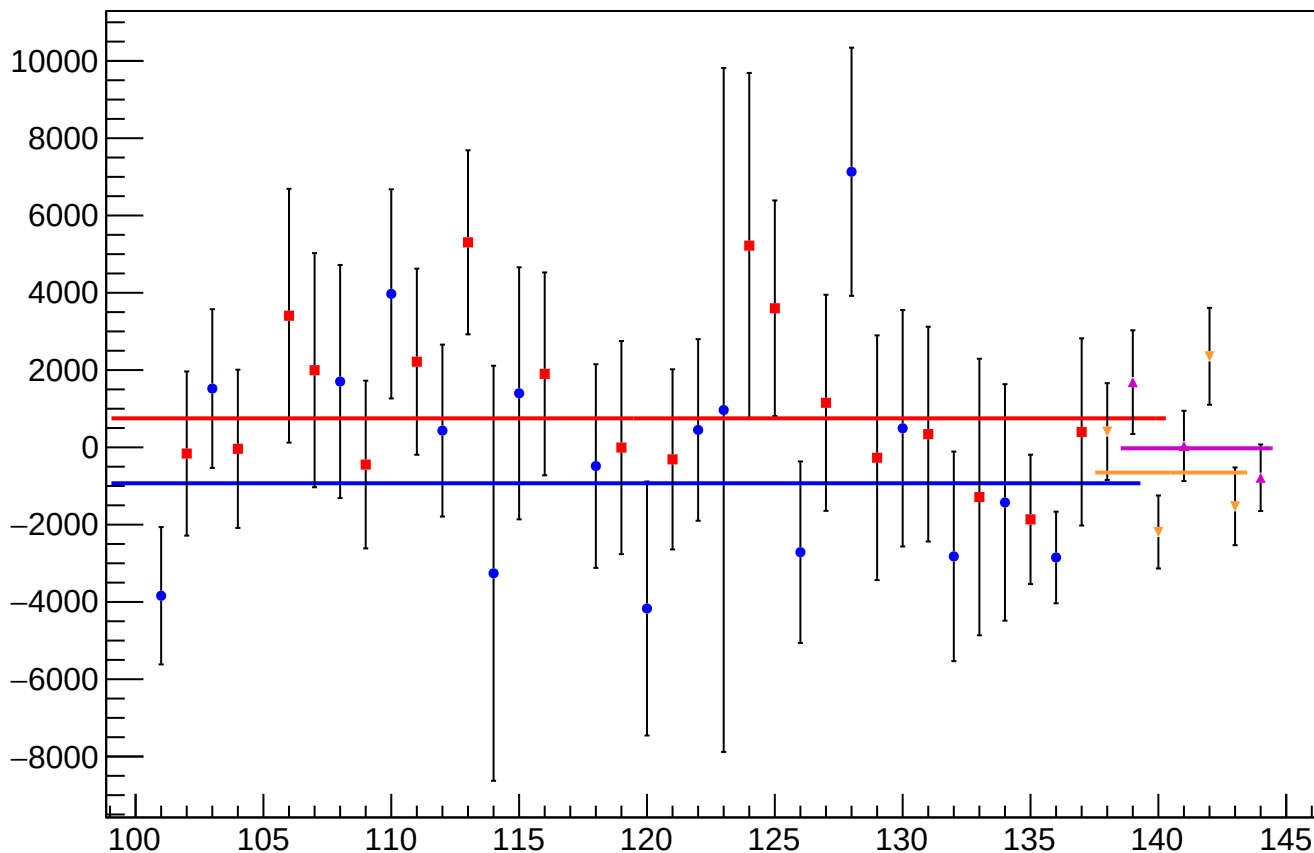
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 102.075 $\pm$ 0.024 χ^2 /NDF:312005.3/19

Out: 105.009 $\pm$ 0.024 χ^2 /NDF:378875.5/21

All: 103.538 $\pm$ 0.017 χ^2 /NDF: 698289.9/41

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: -651.497+/-543.722 χ^2/NDF : 9.9/3

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: -350.969+/-392.437 χ^2/NDF : 12.9/6

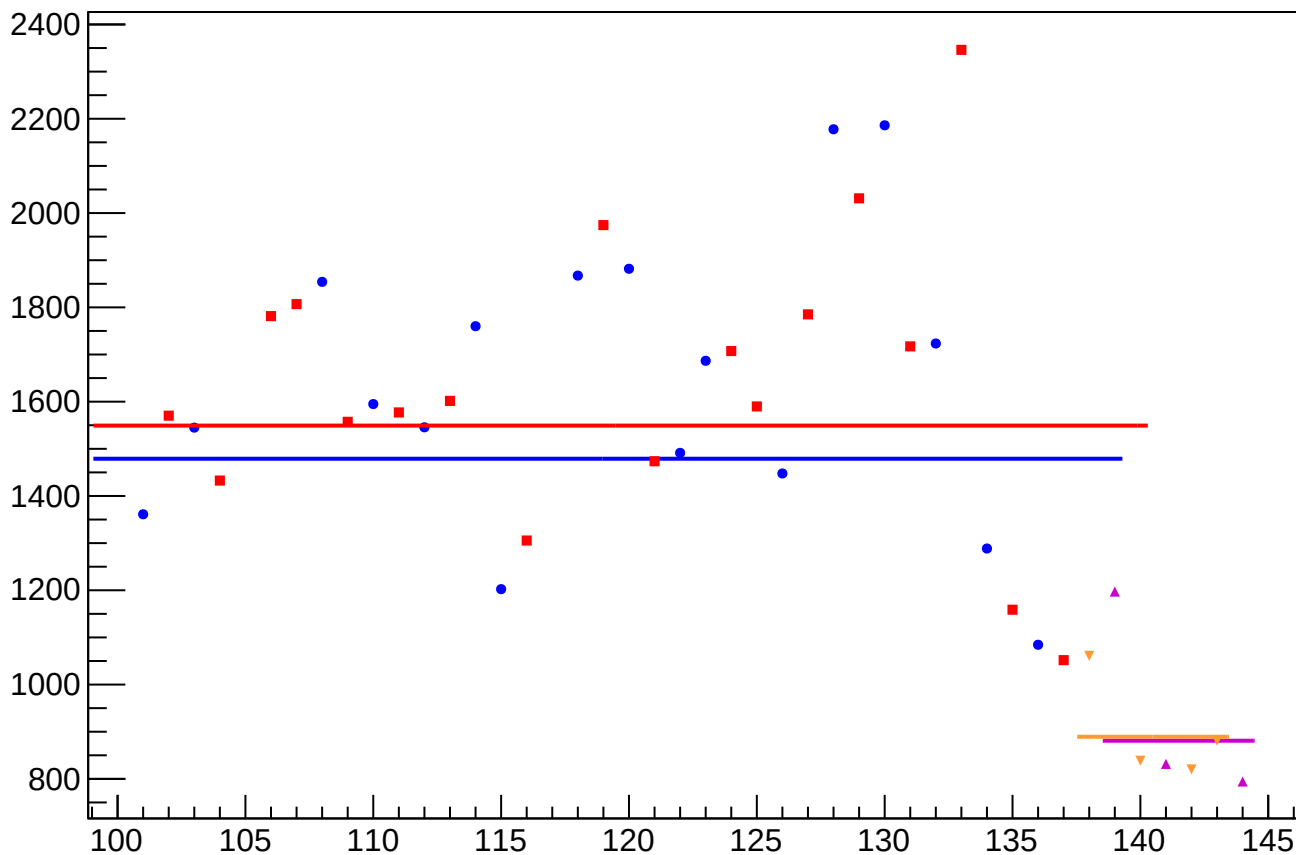
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -460.892+/-407.802 χ^2/NDF : 24.5/19

Out: -13.110+/-401.364 χ^2/NDF : 23.8/21

All: -233.438+/-286.056 χ^2/NDF : 49.0/41

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 889.333 $\pm$ 0.384 χ^2 /NDF: 49564.8/3

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 880.907 $\pm$ 0.401 χ^2 /NDF: 137168.8/2

Left: 885.296 $\pm$ 0.277 χ^2 /NDF: 186963.7/6

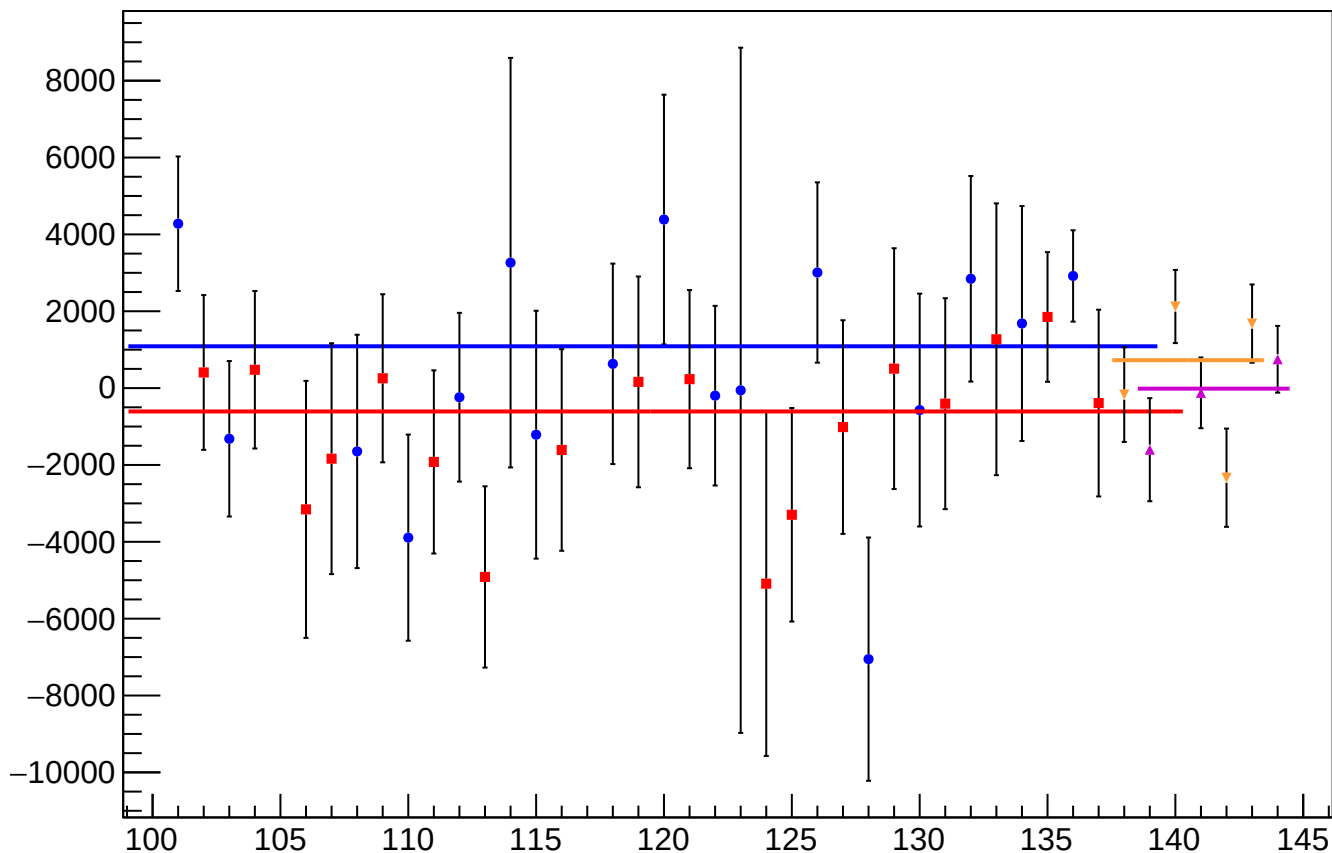
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1169.597 $\pm$ 0.288 χ^2 /NDF: 1800963.6/19

Out: 1189.664 $\pm$ 0.284 χ^2 /NDF: 1852960.7/21

All: 1179.790 $\pm$ 0.202 χ^2 /NDF: 3656384.2/41

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 726.297 $\pm$ 547.431 χ^2 /NDF: 9.3/3

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: -13.947 $\pm$ 571.594 χ^2 /NDF: 2.2/2

Left: 372.151 $\pm$ 395.359 χ^2 /NDF: 12.3/6

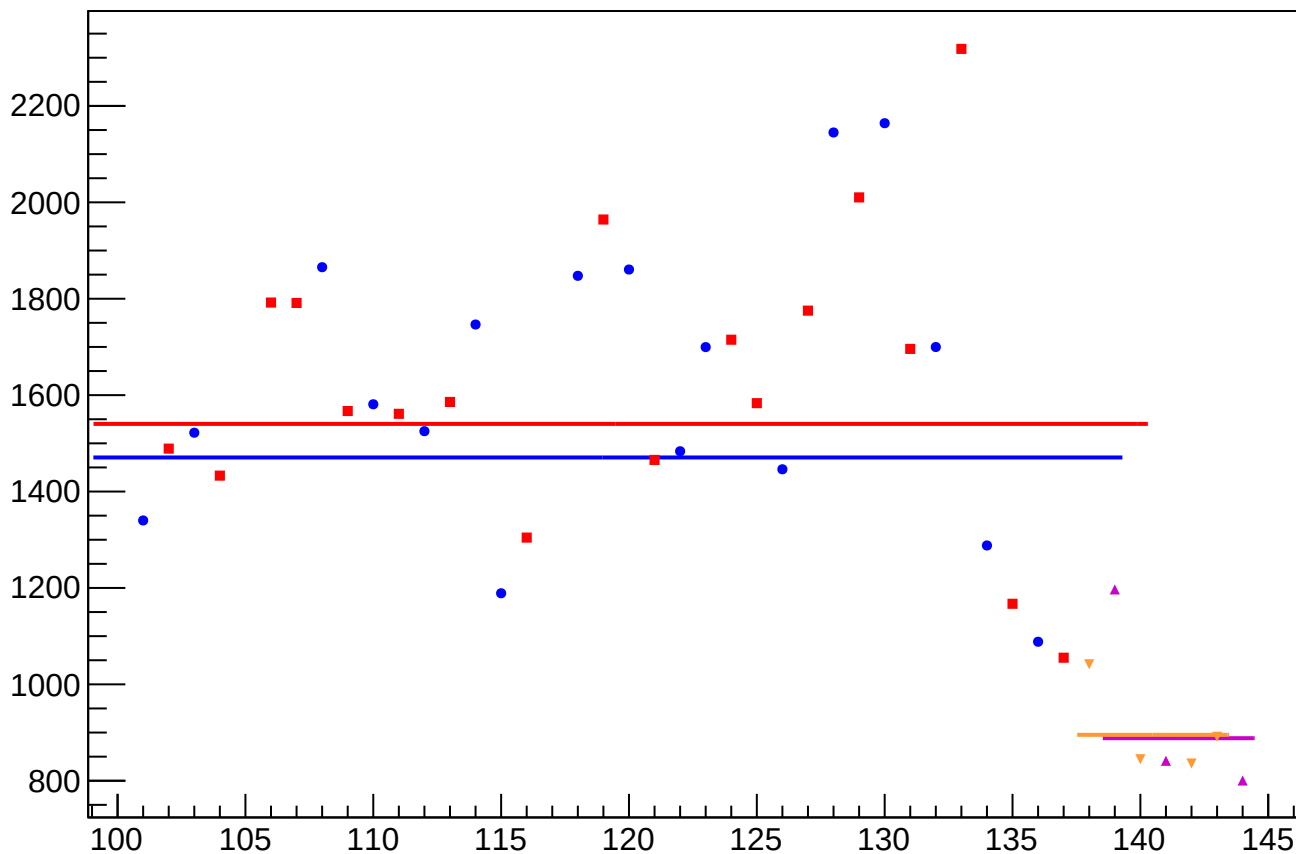
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 525.827 $\pm$ 408.263 χ^2 /NDF: 25.8/19

Out: 110.788 $\pm$ 401.785 χ^2 /NDF: 22.0/21

All: 314.989 $\pm$ 286.368 χ^2 /NDF: 48.3/41

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 ± 0.412 $\chi^2/\text{NDF}: 567728.4/16$

Left Out: 895.309 ± 0.387 $\chi^2/\text{NDF}: 38189.9/3$

Right Out: 1540.341 ± 0.418 $\chi^2/\text{NDF}: 442804.3/17$

Left In: 888.290 ± 0.404 $\chi^2/\text{NDF}: 131475.4/2$

Left: 891.951 ± 0.280 $\chi^2/\text{NDF}: 169822.6/6$

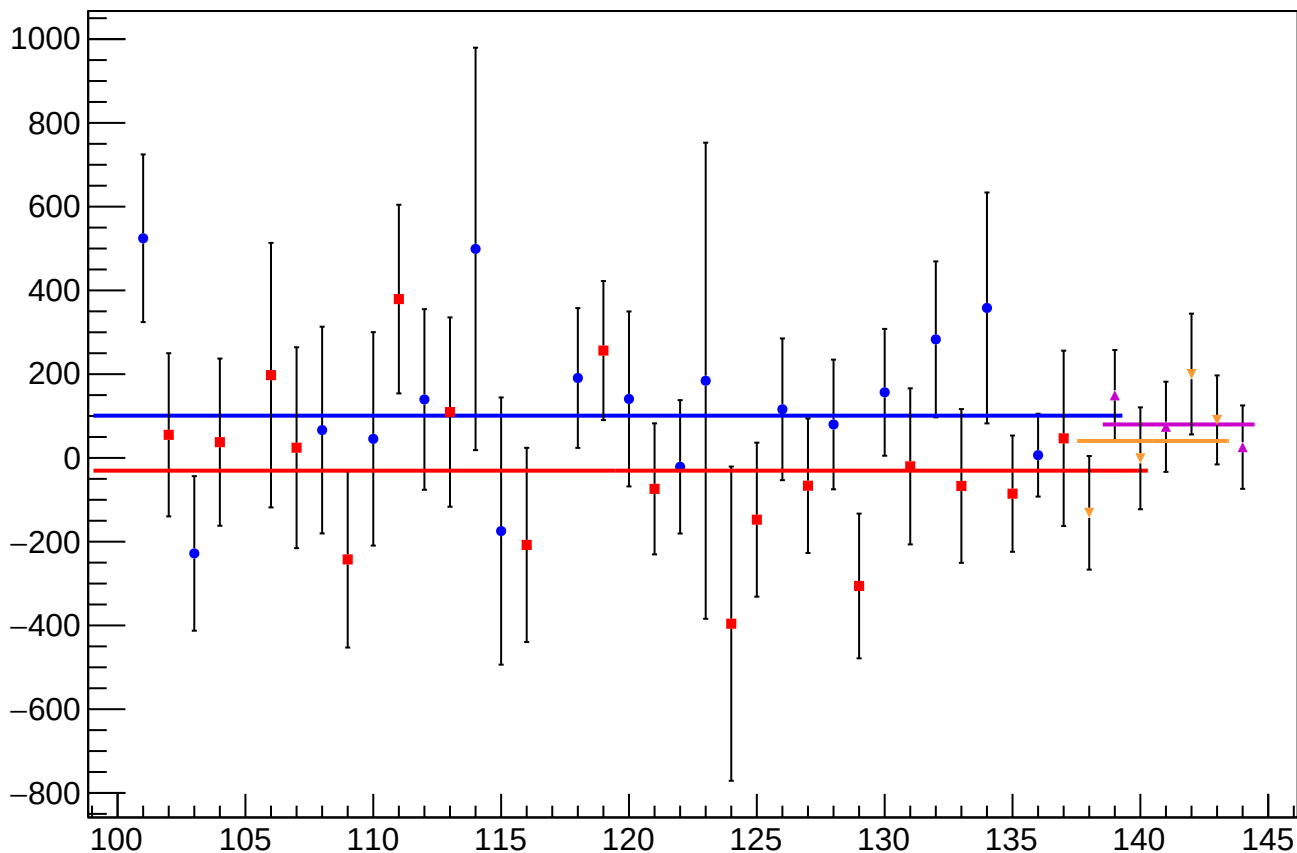
Right: 1505.024 ± 0.294 $\chi^2/\text{NDF}: 1024593.2/34$

In: 1173.571 ± 0.289 $\chi^2/\text{NDF}: 1716254.0/19$

Out: 1192.877 ± 0.284 $\chi^2/\text{NDF}: 1761961.3/21$

All: 1183.378 ± 0.202 $\chi^2/\text{NDF}: 3480487.3/41$

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 40.529 ± 62.186 $\chi^2/\text{NDF}: 3.2/3$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 79.903 ± 60.581 $\chi^2/\text{NDF}: 0.7/2$

Left: 60.731 ± 43.394 $\chi^2/\text{NDF}: 4.1/6$

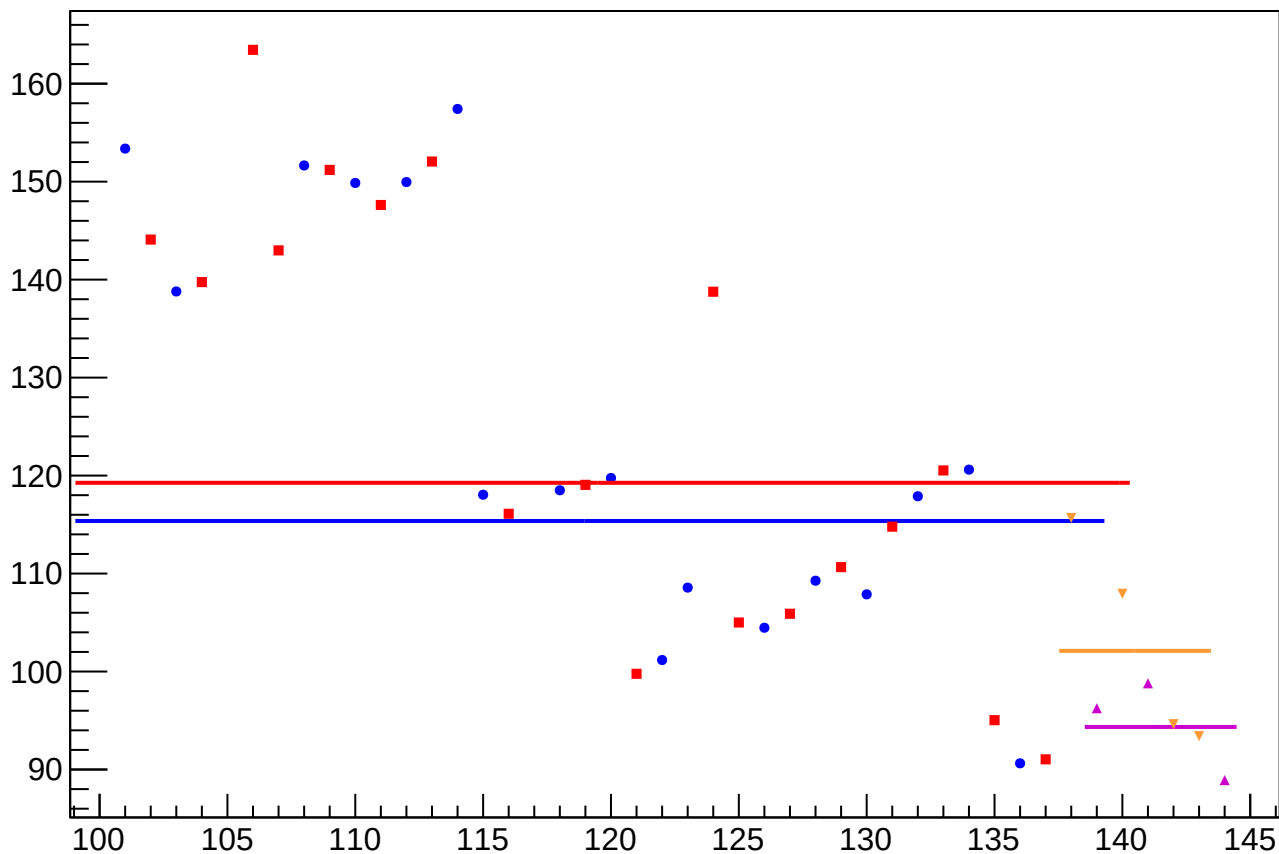
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 93.385 ± 36.271 $\chi^2/\text{NDF}: 13.8/19$

Out: -5.527 ± 36.830 $\chi^2/\text{NDF}: 17.5/21$

All: 44.687 ± 25.843 $\chi^2/\text{NDF}: 35.0/41$

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: 102.111 $\pm$ 0.044 χ^2 /NDF:43383.3/3

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: 98.127 $\pm$ 0.031 χ^2 /NDF: 69368.0/6

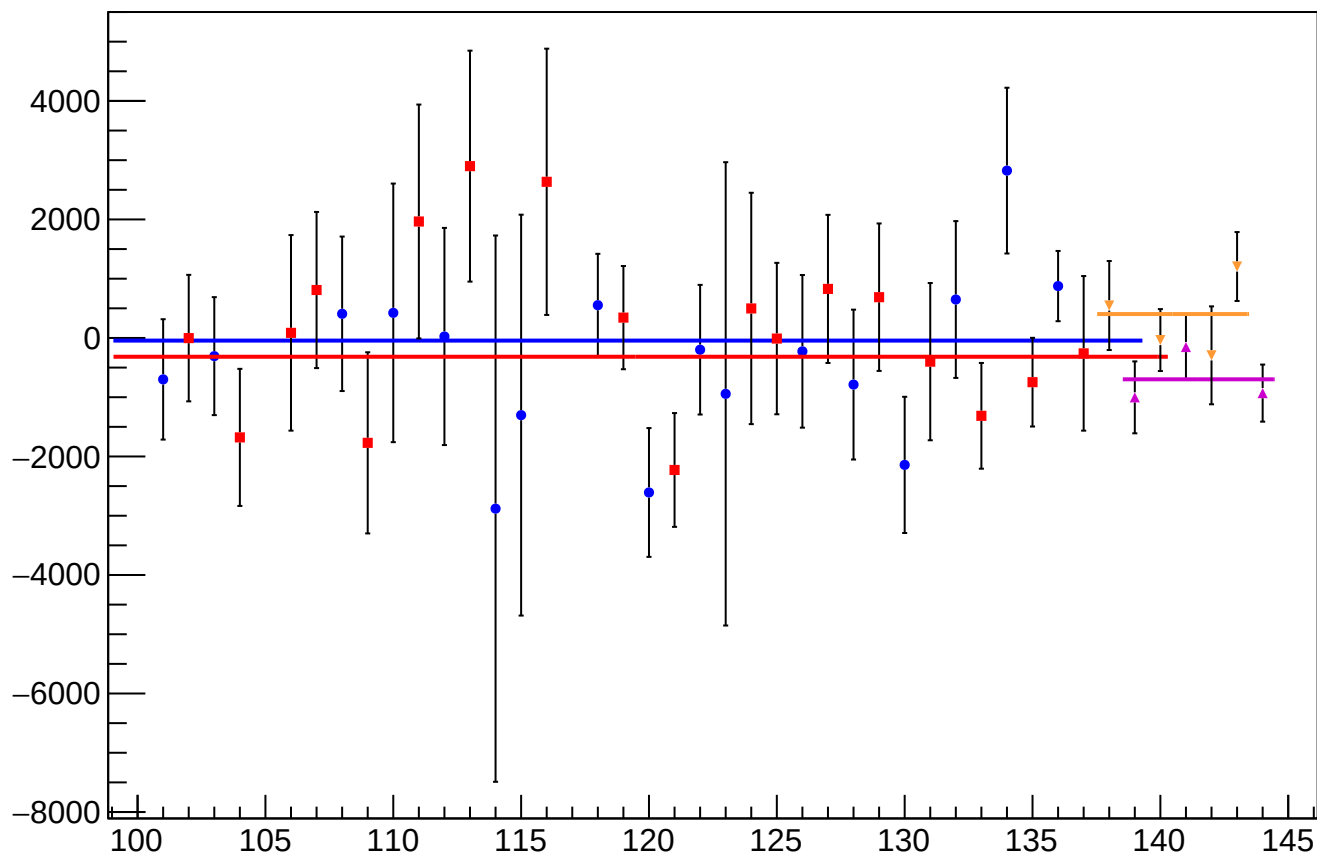
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 107.831 $\pm$ 0.026 χ^2 /NDF:575831.8/19

Out: 113.246 $\pm$ 0.026 χ^2 /NDF:540481.3/21

All: 110.497 $\pm$ 0.018 χ^2 /NDF: 1138259.0/41

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 403.261 ± 318.481 $\chi^2/\text{NDF}: 3.4/3$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -698.065 ± 310.323 $\chi^2/\text{NDF}: 1.5/2$

Left: -161.688 ± 222.260 $\chi^2/\text{NDF}: 11.0/6$

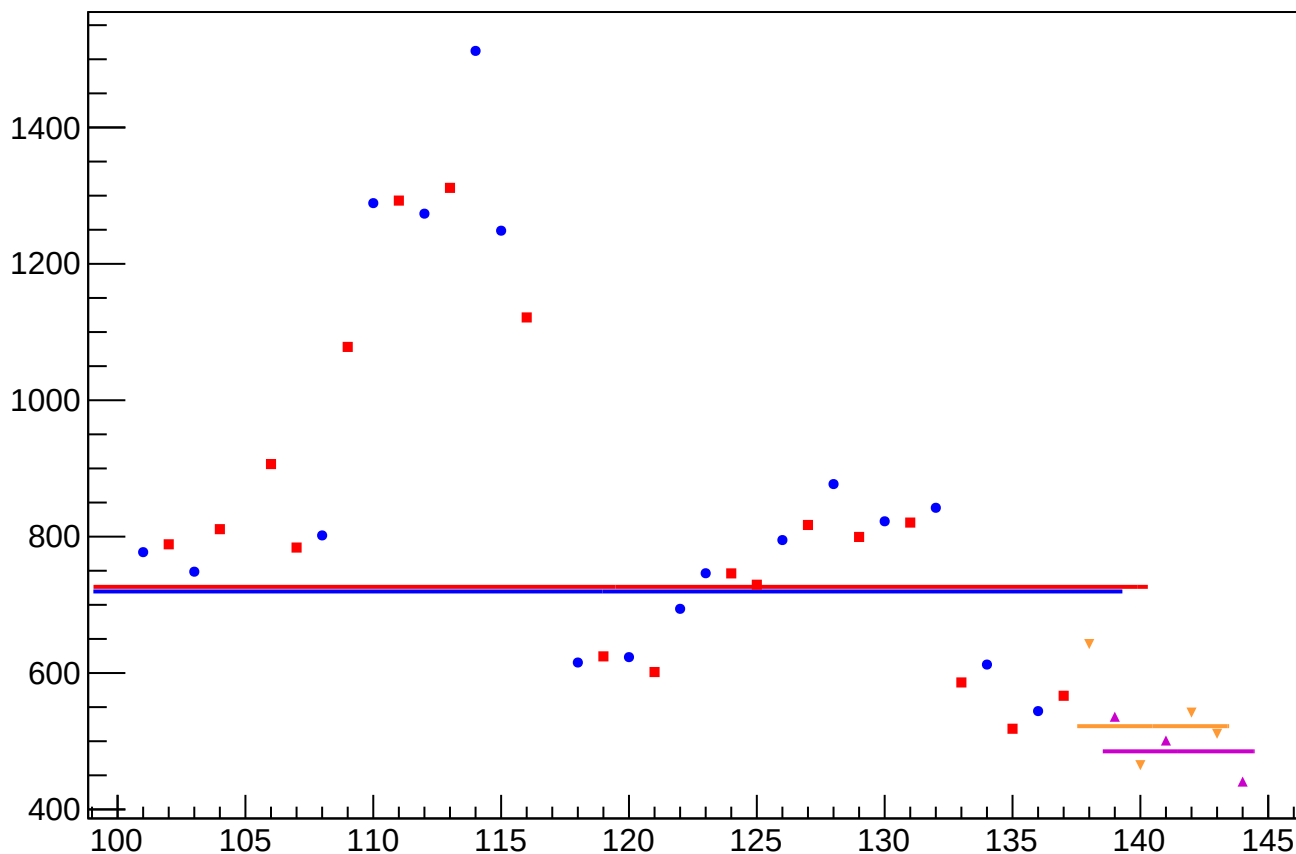
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -345.020 ± 210.419 $\chi^2/\text{NDF}: 21.7/19$

Out: 0.945 ± 211.595 $\chi^2/\text{NDF}: 23.0/21$

All: -173.001 ± 149.203 $\chi^2/\text{NDF}: 46.1/41$

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: 522.075 $\pm$ 0.225 χ^2/NDF : 77282.3/3

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: 503.146 $\pm$ 0.157 χ^2/NDF : 123678.1/6

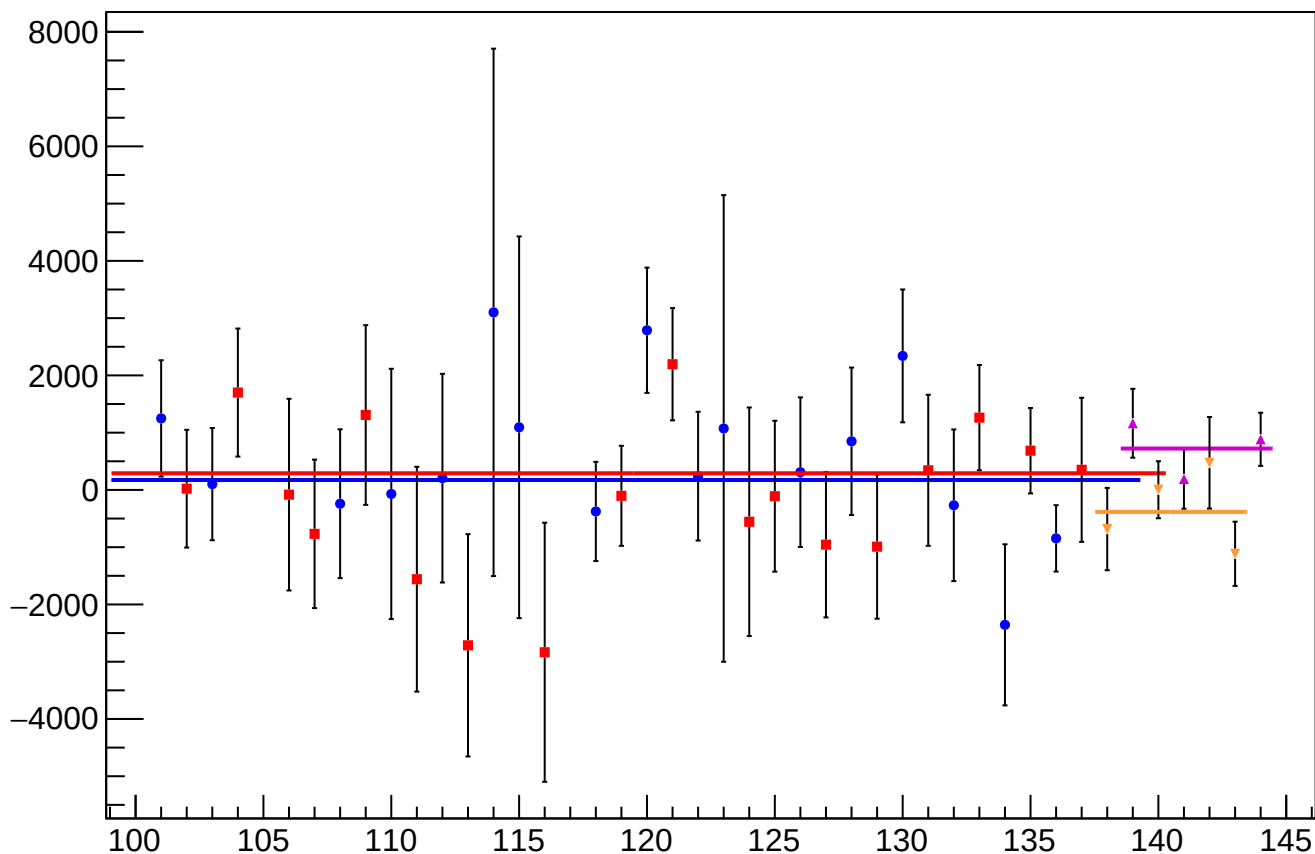
Right: 723.039 $\pm$ 0.142 χ^2/NDF : 1628507.7/34

In: 611.821 $\pm$ 0.149 χ^2/NDF : 1396180.5/19

Out: 636.207 $\pm$ 0.150 χ^2/NDF : 1418090.5/21

All: 623.946 $\pm$ 0.106 χ^2/NDF : 2827627.2/41

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: -384.238 $\pm$ 305.496 χ^2 /NDF:3.6/3

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: 179.243 $\pm$ 214.068 χ^2 /NDF: 12.0/6

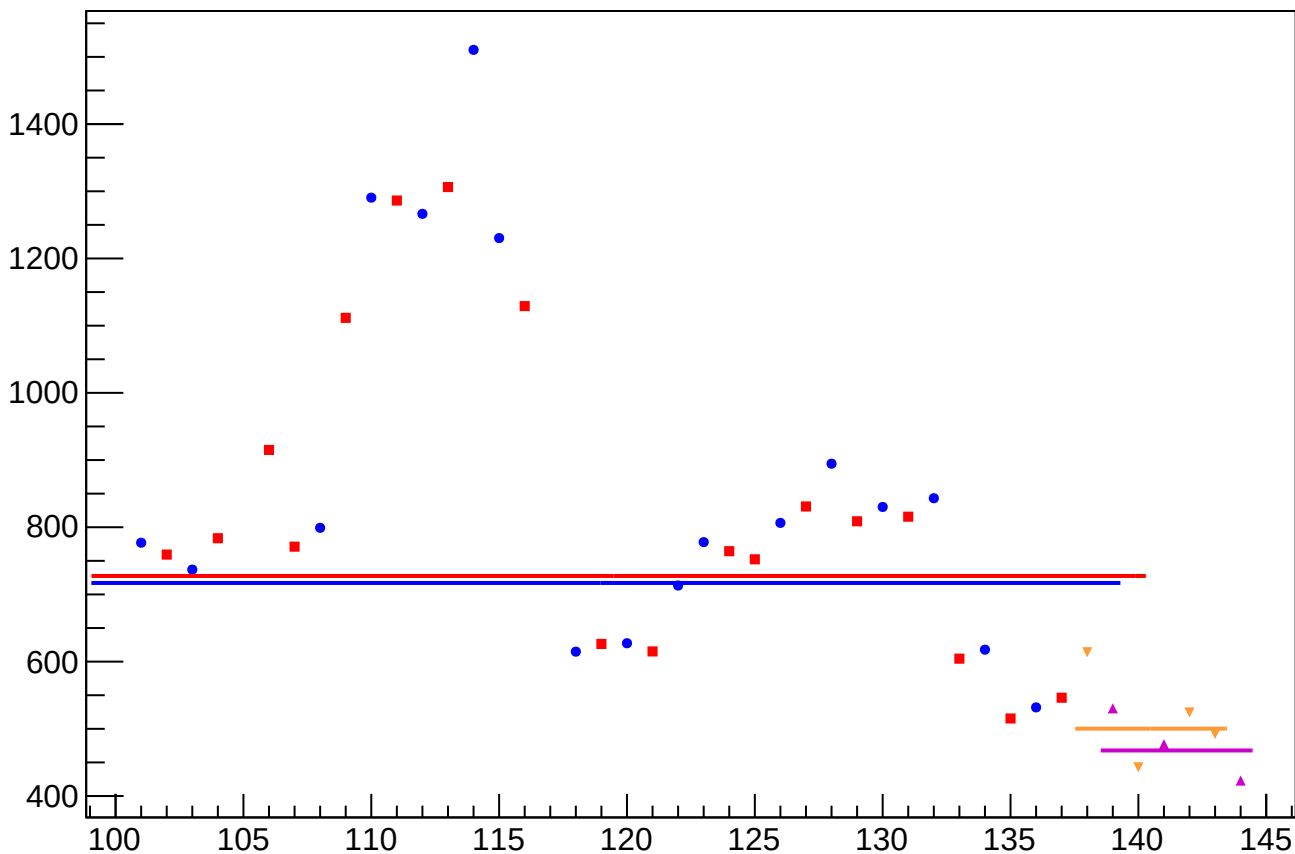
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 434.517 $\pm$ 206.898 χ^2 /NDF:21.6/19

Out: -21.599 $\pm$ 207.824 χ^2 /NDF:21.9/21

All: 207.477 $\pm$ 146.625 χ^2 /NDF: 45.9/41

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 500.267 $\pm$ 0.216 χ^2 /NDF: 78973.2/3

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 467.793 $\pm$ 0.212 χ^2 /NDF: 41021.8/2

Left: 483.738 $\pm$ 0.151 χ^2 /NDF: 131498.0/6

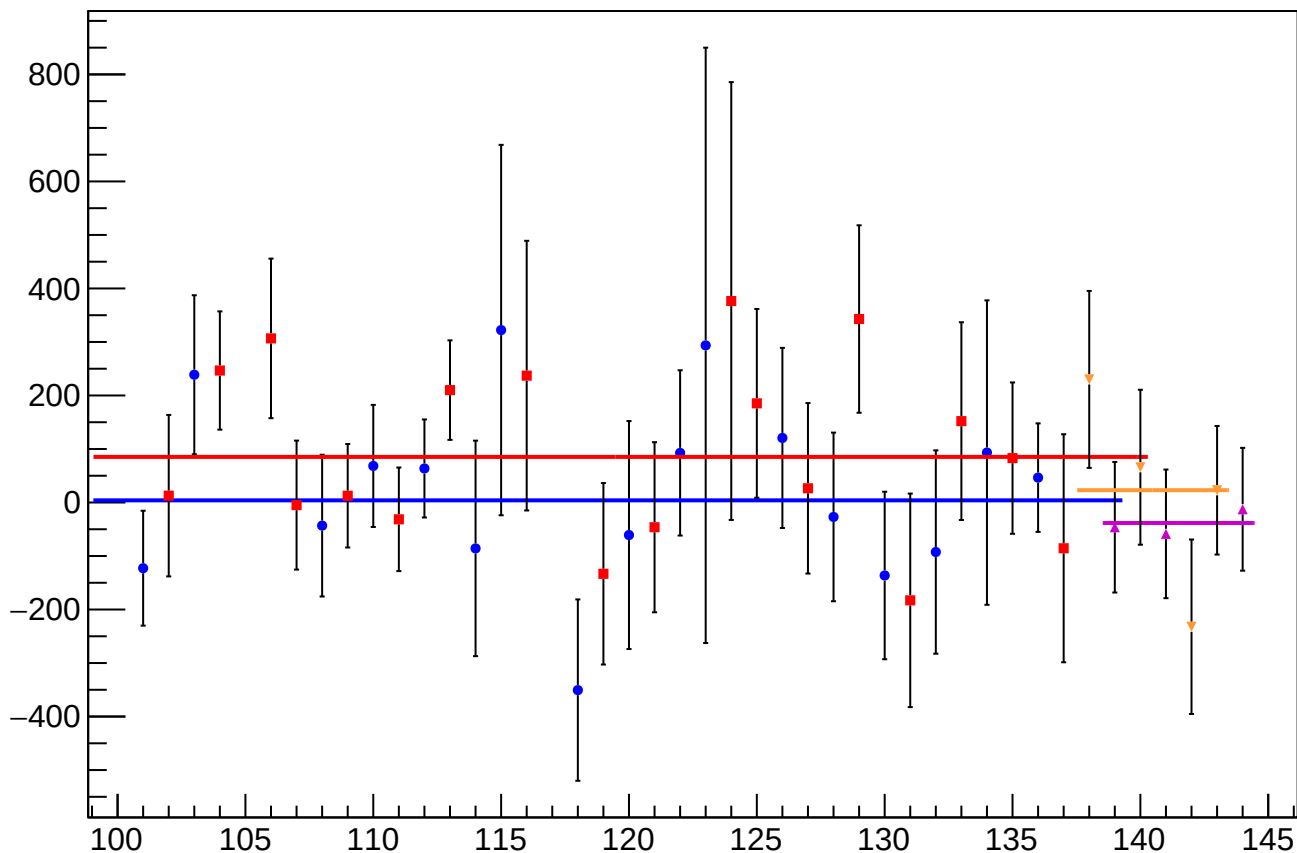
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 598.555 $\pm$ 0.146 χ^2 /NDF: 1547606.2/19

Out: 622.334 $\pm$ 0.147 χ^2 /NDF: 1554396.5/21

All: 610.391 $\pm$ 0.104 χ^2 /NDF: 3115152.9/41

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: 23.021 ± 72.325 $\chi^2/\text{NDF}: 4.1/3$

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: -9.230 ± 49.780 $\chi^2/\text{NDF}: 4.6/6$

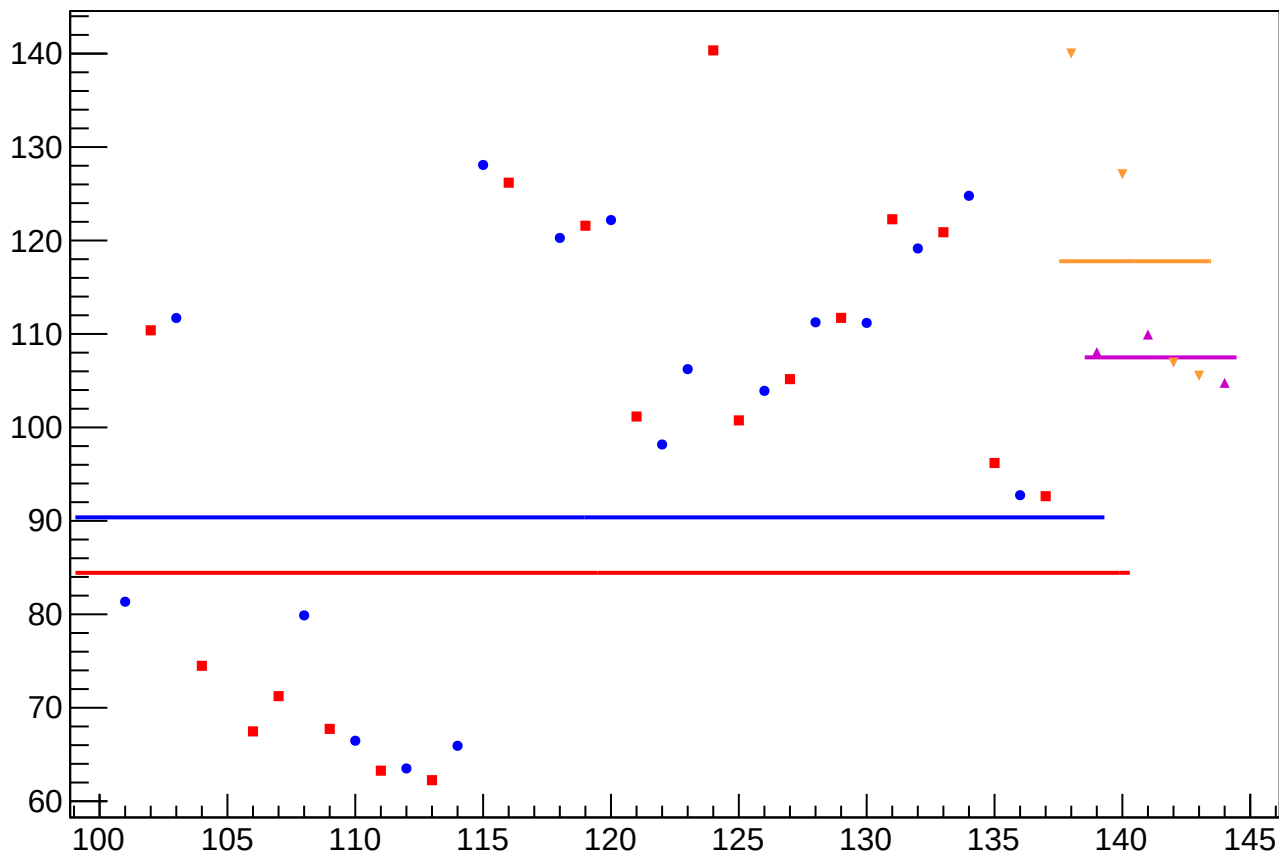
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: -5.093 ± 31.845 $\chi^2/\text{NDF}: 13.1/19$

Out: 74.268 ± 30.332 $\chi^2/\text{NDF}: 22.1/21$

All: 36.517 ± 21.963 $\chi^2/\text{NDF}: 38.4/41$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 117.785+/-0.051 χ^2/NDF : 74052.3/3

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 107.494+/-0.049 χ^2/NDF : 1996.7/2

Left: 112.369+/-0.035 χ^2/NDF : 97358.3/6

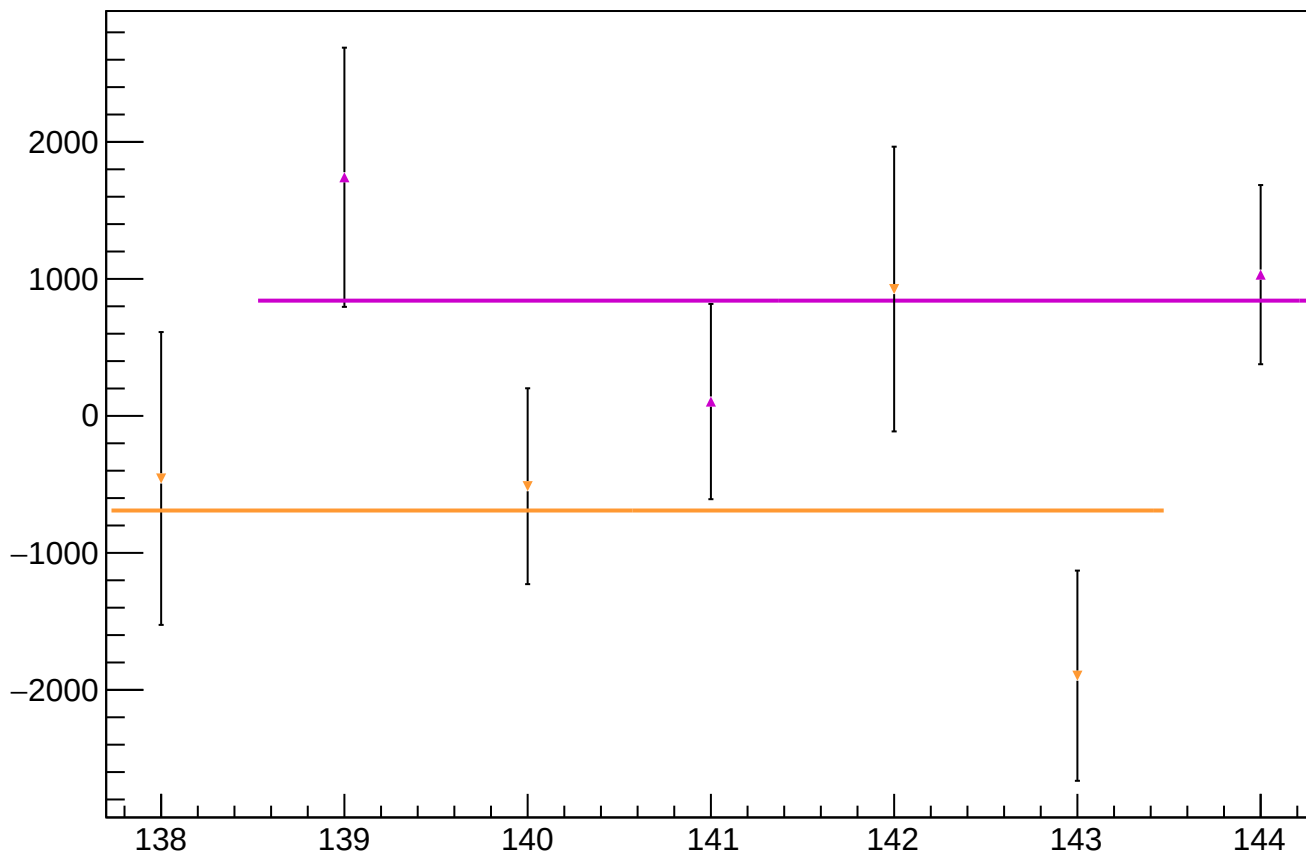
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 94.062+/-0.023 χ^2/NDF : 753802.1/19

Out: 90.307+/-0.021 χ^2/NDF : 1295195.5/21

All: 92.093+/-0.016 χ^2/NDF : 2063579.6/41

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -690.625+/-428.087 χ^2/NDF :5.0/3

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: 73.089+/-303.154 χ^2/NDF : 13.4/6

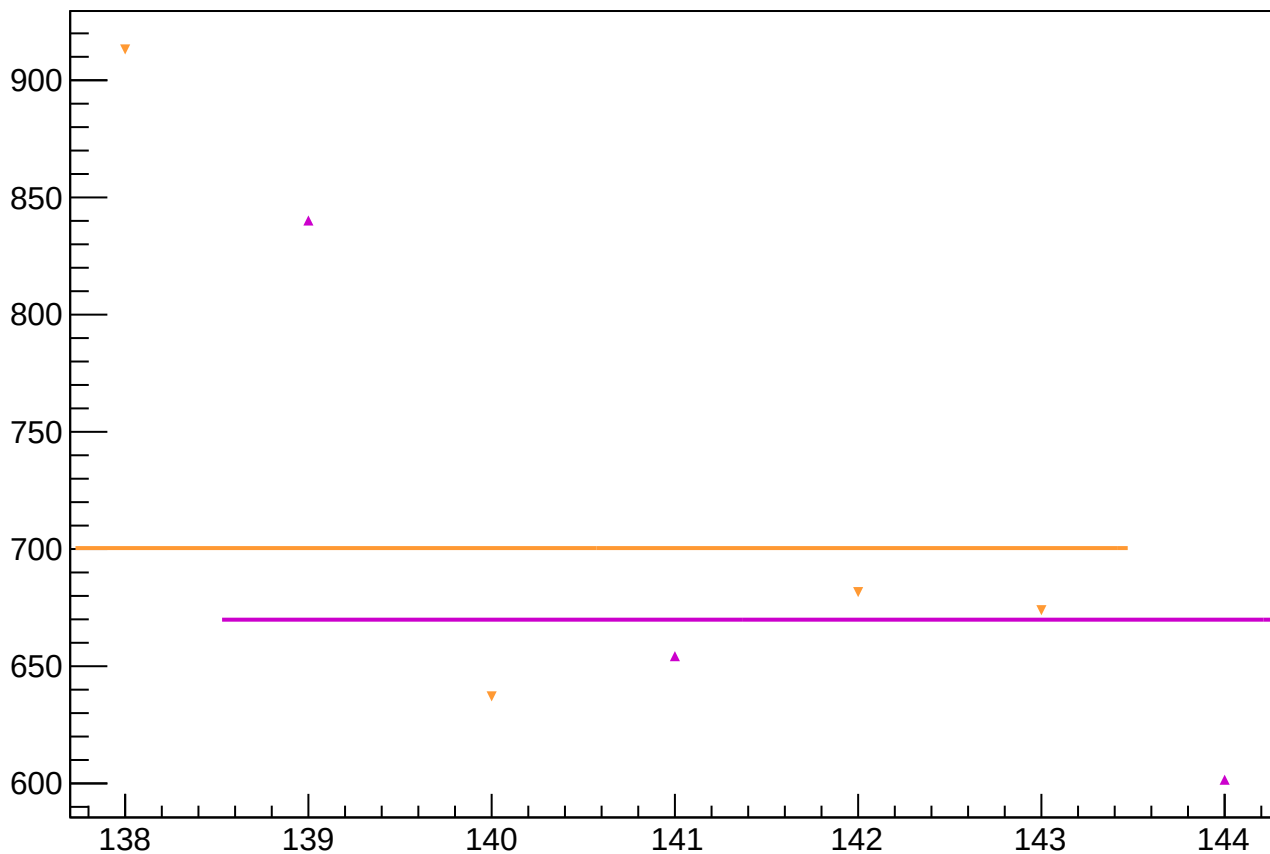
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 841.369+/-429.365 χ^2/NDF :2.1/2

Out: -690.625+/-428.087 χ^2/NDF :5.0/3

All: 73.089+/-303.154 χ^2/NDF : 13.4/6

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.406+/-0.303 χ^2/NDF :97930.3/3

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: 685.179+/-0.214 χ^2/NDF : 190579.6/6

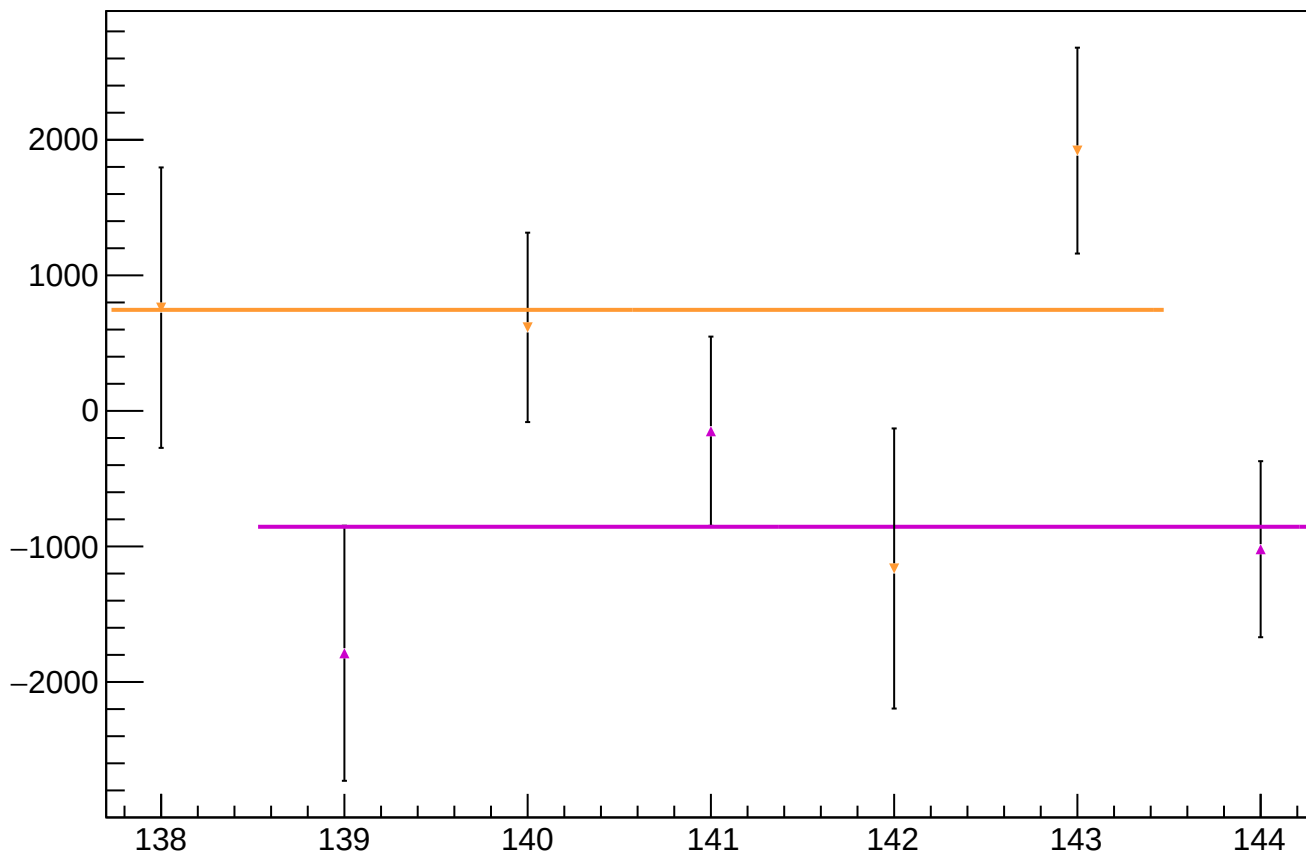
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 669.861+/-0.304 χ^2/NDF :87573.4/2

Out: 700.406+/-0.303 χ^2/NDF :97930.3/3

All: 685.179+/-0.214 χ^2/NDF : 190579.6/6

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 745.510+/-420.585 χ^2/NDF : 5.8/3

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: -47.494+/-298.727 χ^2/NDF : 15.1/6

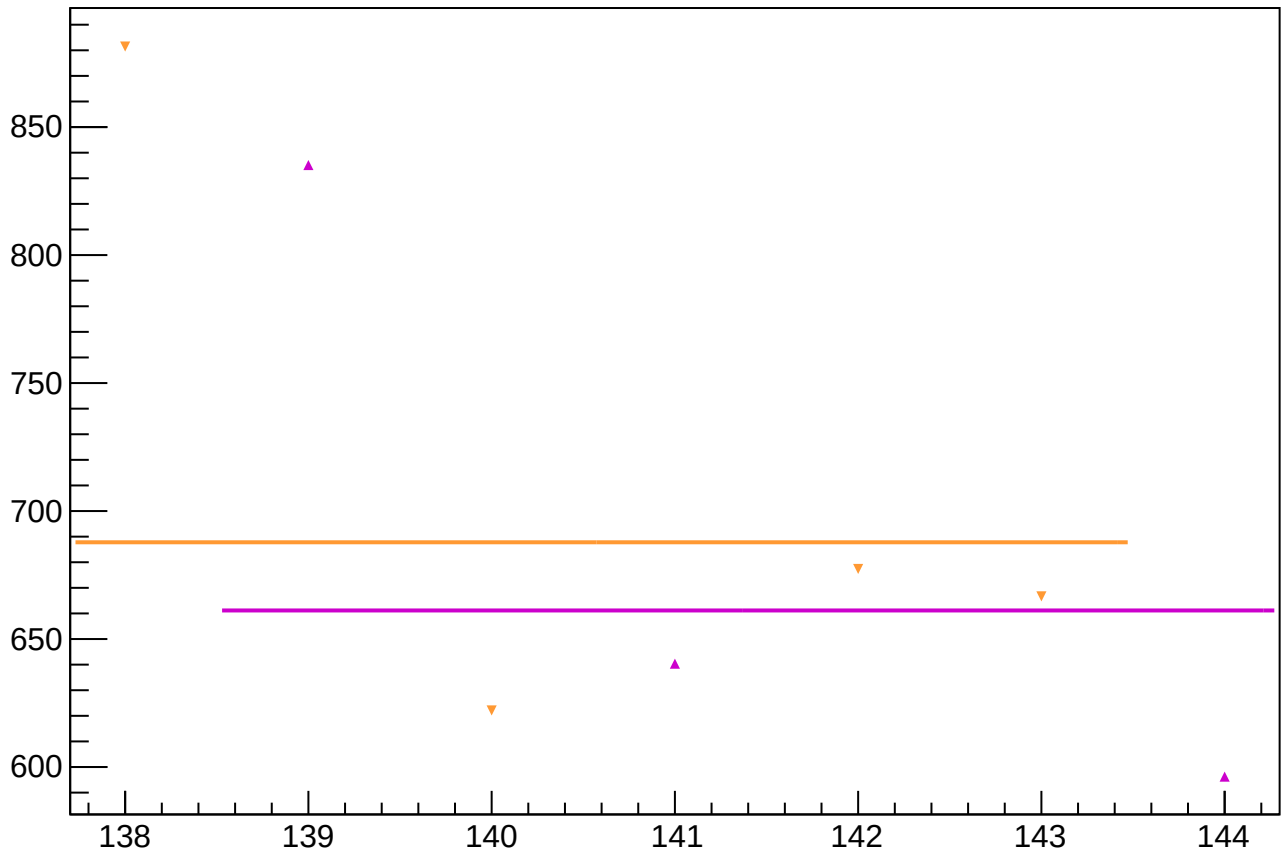
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -854.828+/-424.369 χ^2/NDF : 2.1/2

Out: 745.510+/-420.585 χ^2/NDF : 5.8/3

All: -47.494+/-298.727 χ^2/NDF : 15.1/6

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 687.796+/-0.297 χ^2/NDF : 89521.1/3

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: 674.599+/-0.211 χ^2/NDF : 183661.8/6

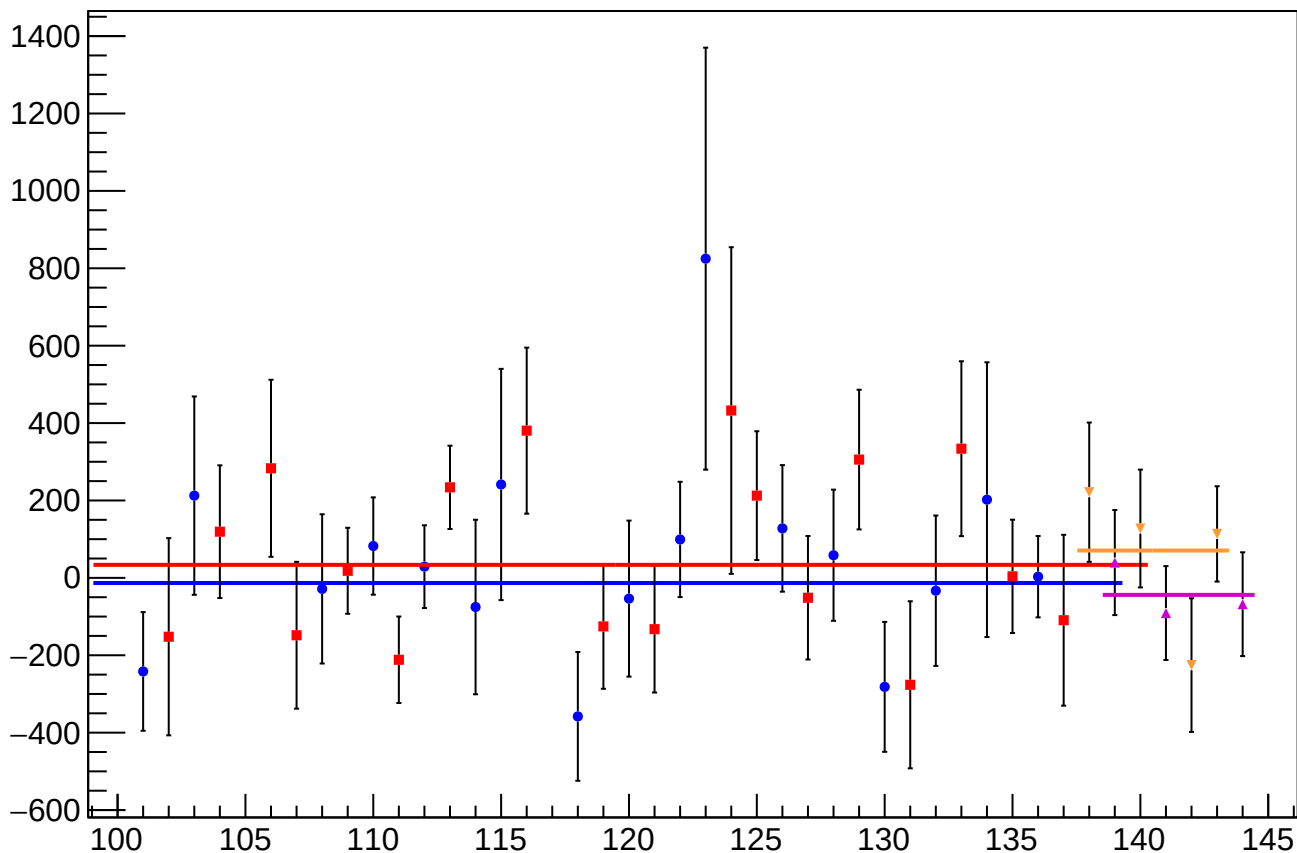
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 661.162+/-0.300 χ^2/NDF : 90166.5/2

Out: 687.796+/-0.297 χ^2/NDF : 89521.1/3

All: 674.599+/-0.211 χ^2/NDF : 183661.8/6

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 70.686 ± 75.919 χ^2/NDF : 3.9/3

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: -43.936 ± 74.999 χ^2/NDF : 0.6/2

Left: 12.676 ± 53.355 χ^2/NDF : 5.6/6

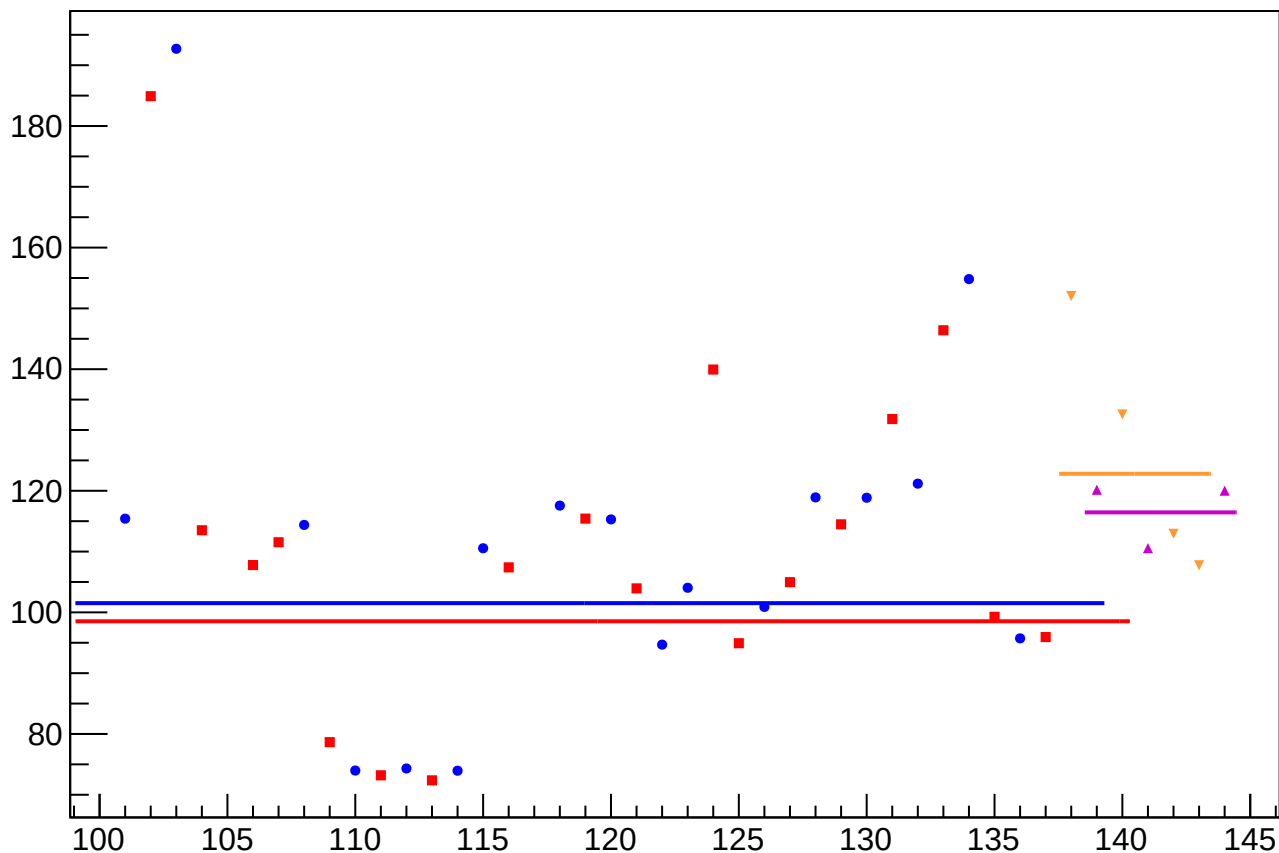
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: -20.165 ± 35.673 χ^2/NDF : 16.4/19

Out: 41.338 ± 34.614 χ^2/NDF : 28.8/21

All: 11.513 ± 24.842 χ^2/NDF : 46.7/41

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: 122.799 $\pm$ 0.054 χ^2/NDF : 97398.9/3

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: 119.585 $\pm$ 0.038 χ^2/NDF : 112105.7/6

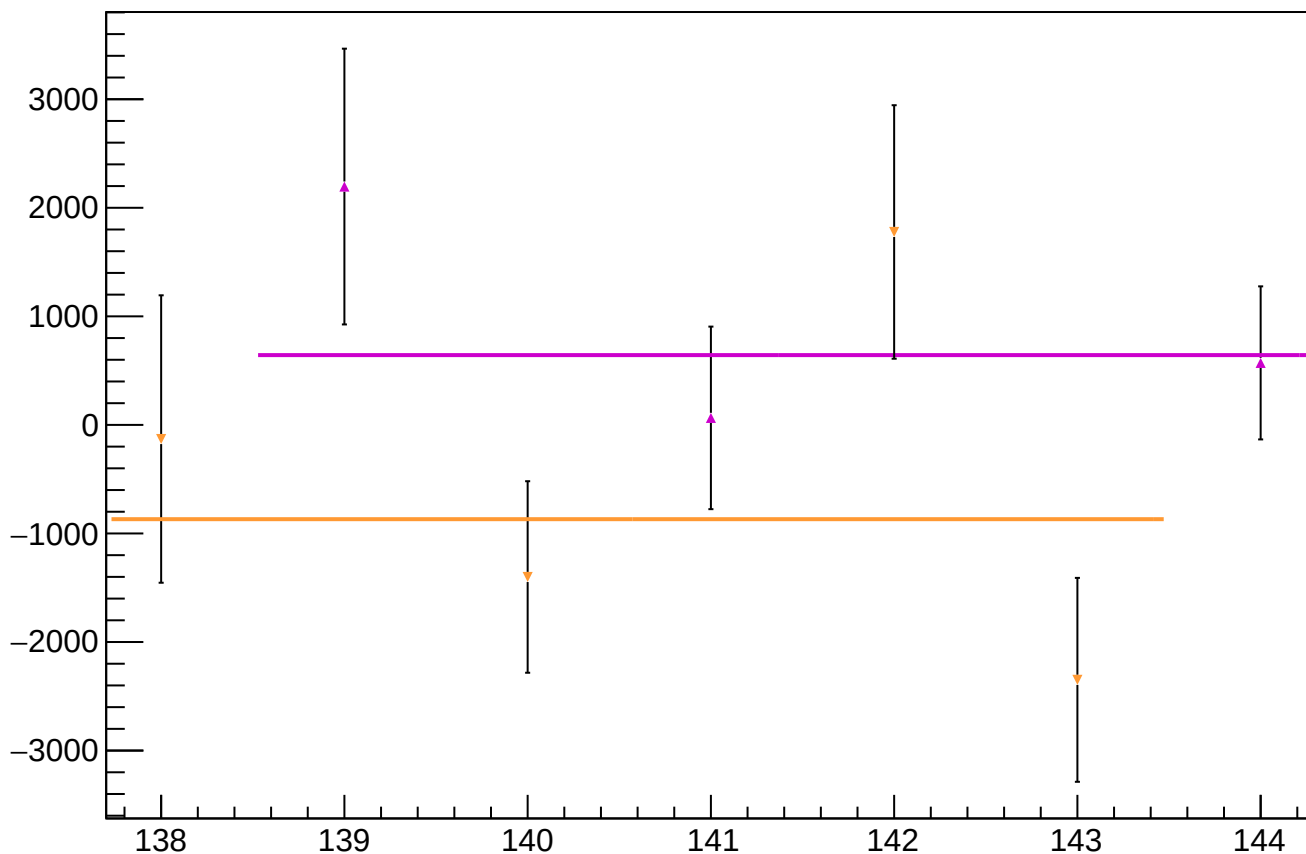
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 104.897 $\pm$ 0.025 χ^2/NDF : 750667.9/19

Out: 103.580 $\pm$ 0.024 χ^2/NDF : 1006183.4/21

All: 104.219 $\pm$ 0.018 χ^2/NDF : 1758255.0/41

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -868.472+/-518.296 χ^2/NDF : 8.3/3

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: -81.257+/-358.770 χ^2/NDF : 14.7/6

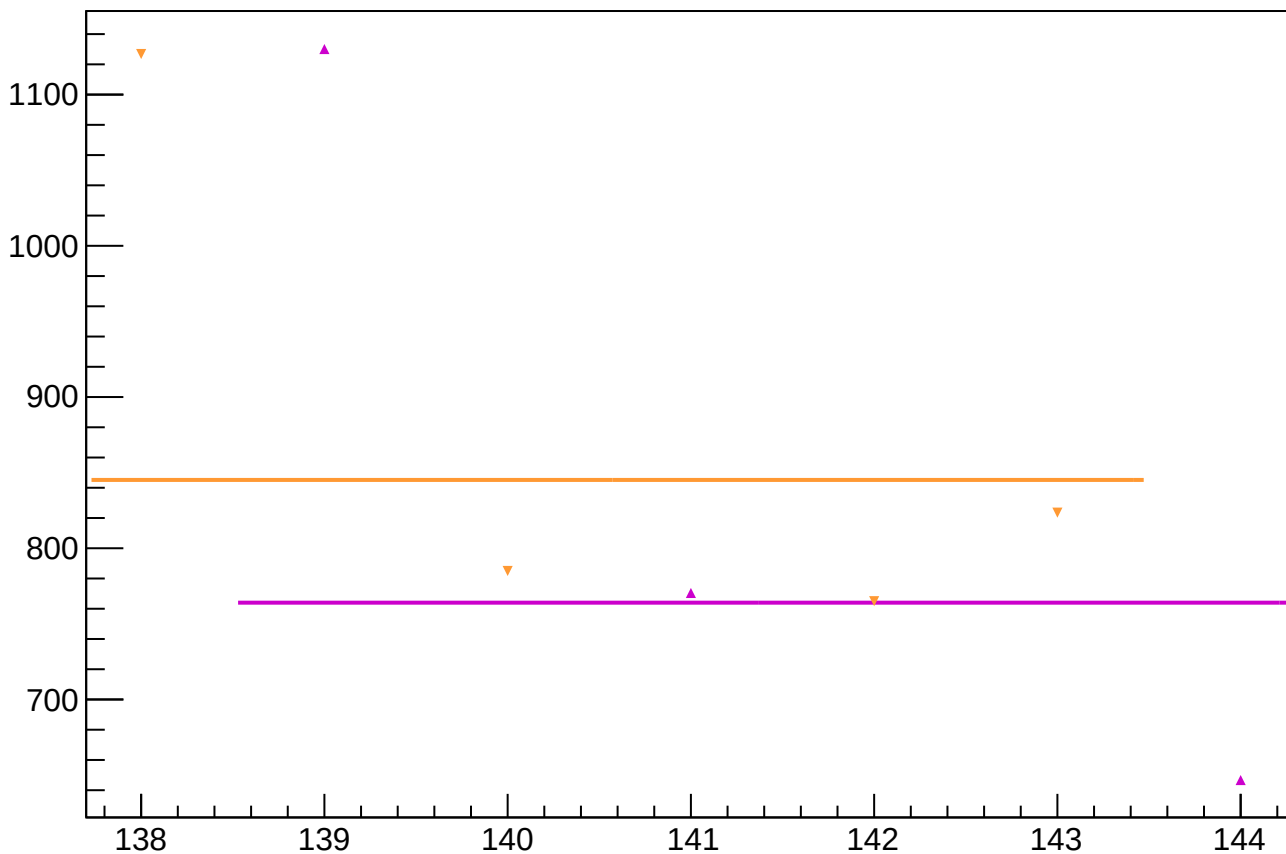
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.950+/-497.122 χ^2/NDF : 2.0/2

Out: -868.472+/-518.296 χ^2/NDF : 8.3/3

All: -81.257+/-358.770 χ^2/NDF : 14.7/6

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 845.182+/-0.366 χ^2/NDF :110330.6/3

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: 802.908+/-0.254 χ^2/NDF : 357519.5/6

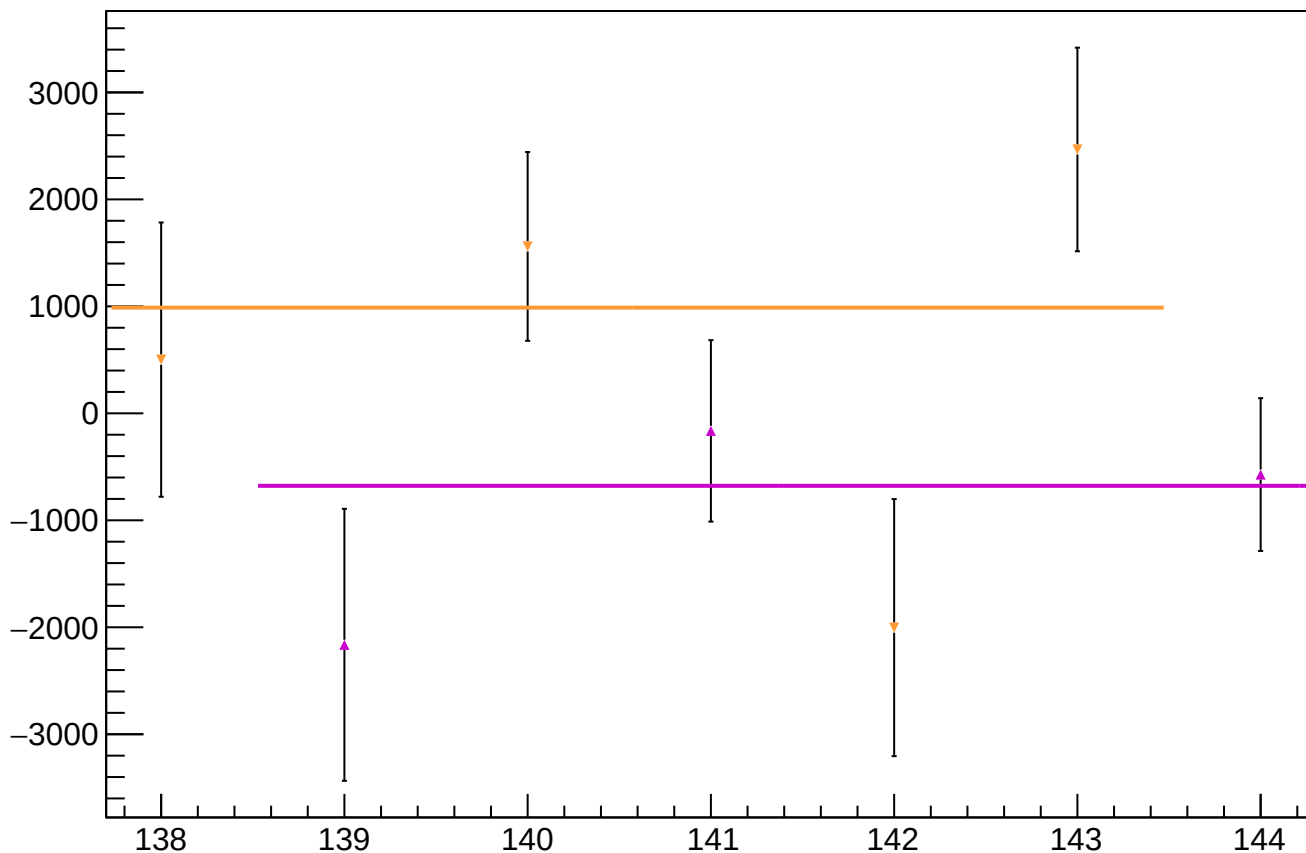
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 764.017+/-0.352 χ^2/NDF :221643.5/2

Out: 845.182+/-0.366 χ^2/NDF :110330.6/3

All: 802.908+/-0.254 χ^2/NDF : 357519.5/6

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 988.245+/-520.620 χ^2/NDF :9.2/3

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: 124.772+/-361.321 χ^2/NDF : 16.2/6

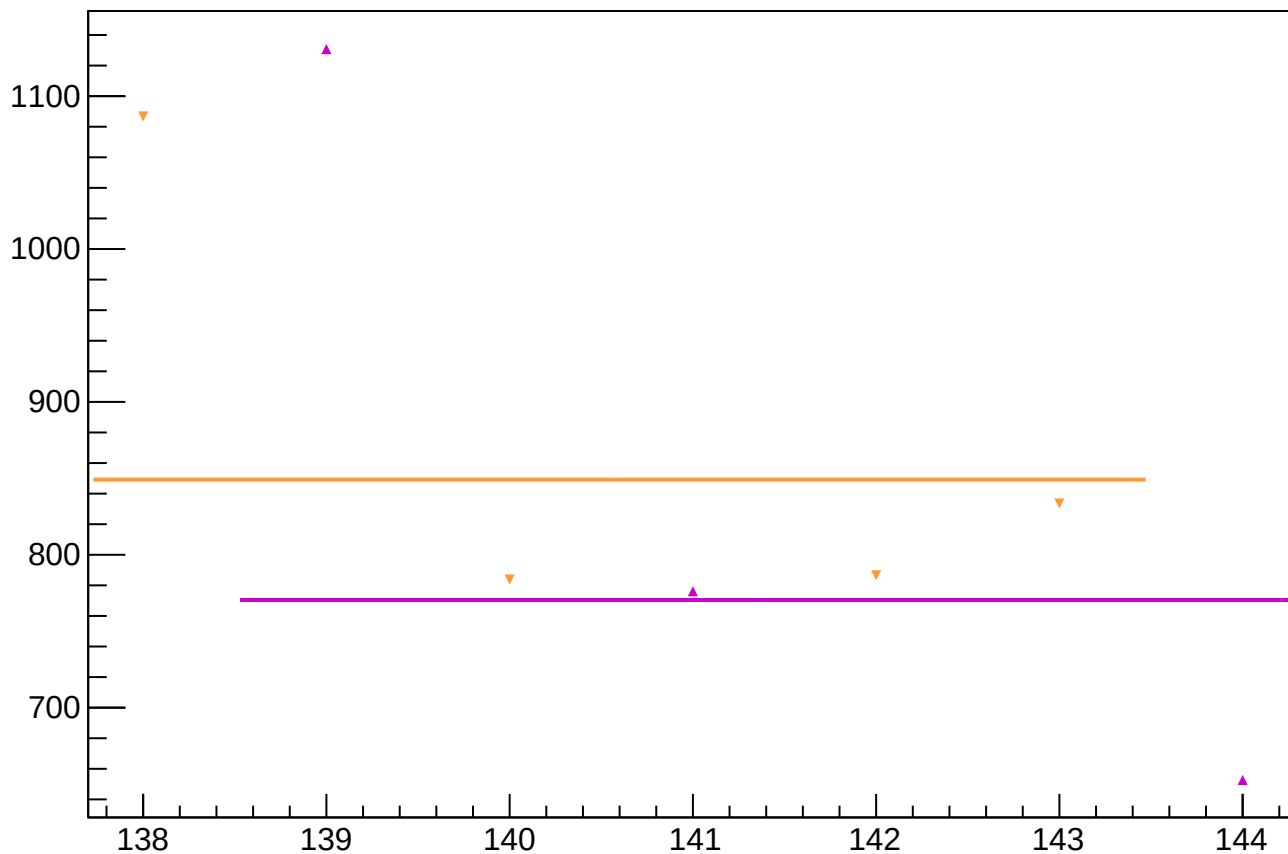
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -677.613+/-501.866 χ^2/NDF :1.8/2

Out: 988.245+/-520.620 χ^2/NDF :9.2/3

All: 124.772+/-361.321 χ^2/NDF : 16.2/6

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 849.156 ± 0.368 $\chi^2/\text{NDF}: 85619.1/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 770.440 ± 0.355 $\chi^2/\text{NDF}: 215261.2/2$

Left: 808.354 ± 0.255 $\chi^2/\text{NDF}: 324579.0/6$

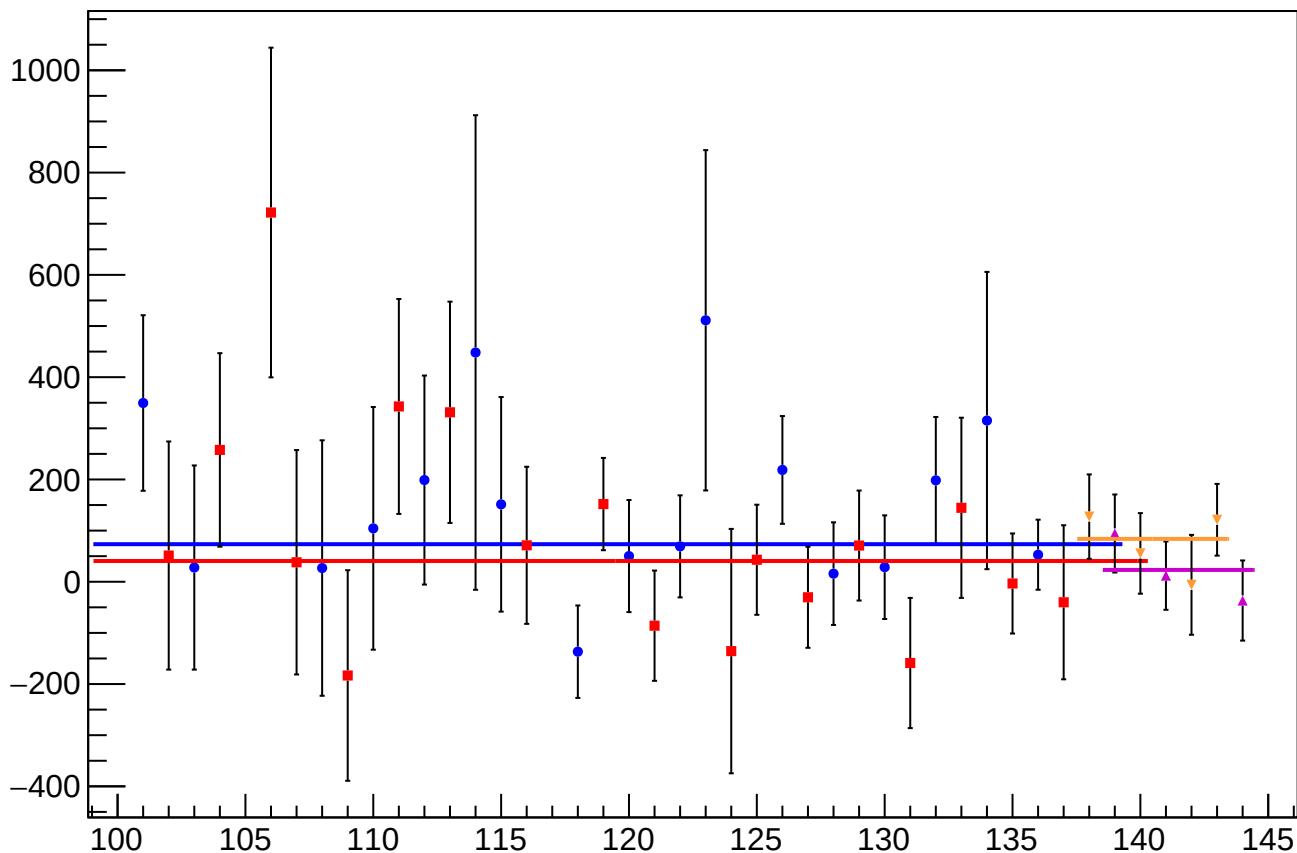
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 770.440 ± 0.355 $\chi^2/\text{NDF}: 215261.2/2$

Out: 849.156 ± 0.368 $\chi^2/\text{NDF}: 85619.1/3$

All: 808.354 ± 0.255 $\chi^2/\text{NDF}: 324579.0/6$

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: 83.830 $\pm$ 40.283 χ^2 /NDF: 1.5/3

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: 54.952 $\pm$ 29.171 χ^2 /NDF: 4.1/6

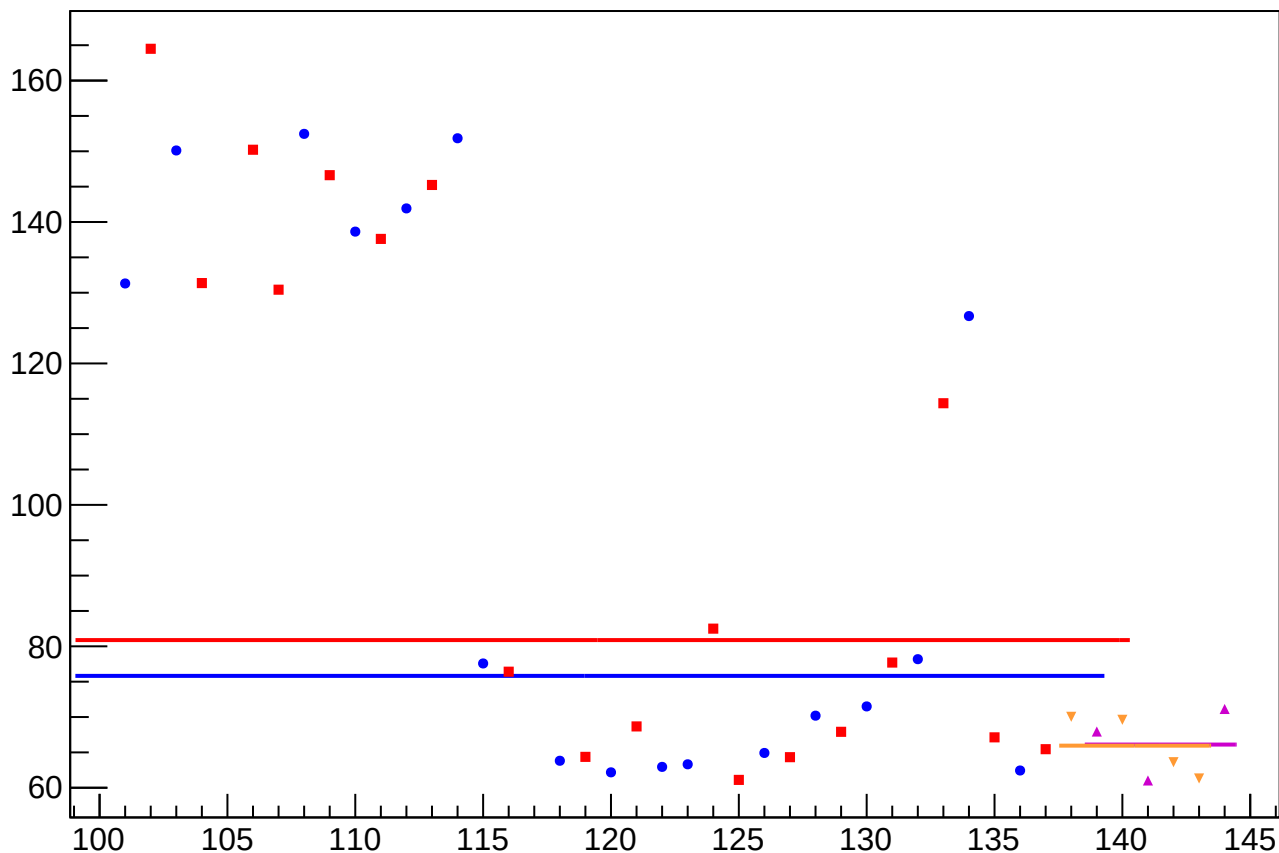
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 55.814 $\pm$ 25.035 χ^2 /NDF: 17.7/19

Out: 57.796 $\pm$ 25.409 χ^2 /NDF: 20.4/21

All: 56.790 $\pm$ 17.833 χ^2 /NDF: 38.1/41

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: 65.954 $\pm$ 0.028 χ^2 /NDF:19096.2/3

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: 66.027 $\pm$ 0.021 χ^2 /NDF: 40086.9/6

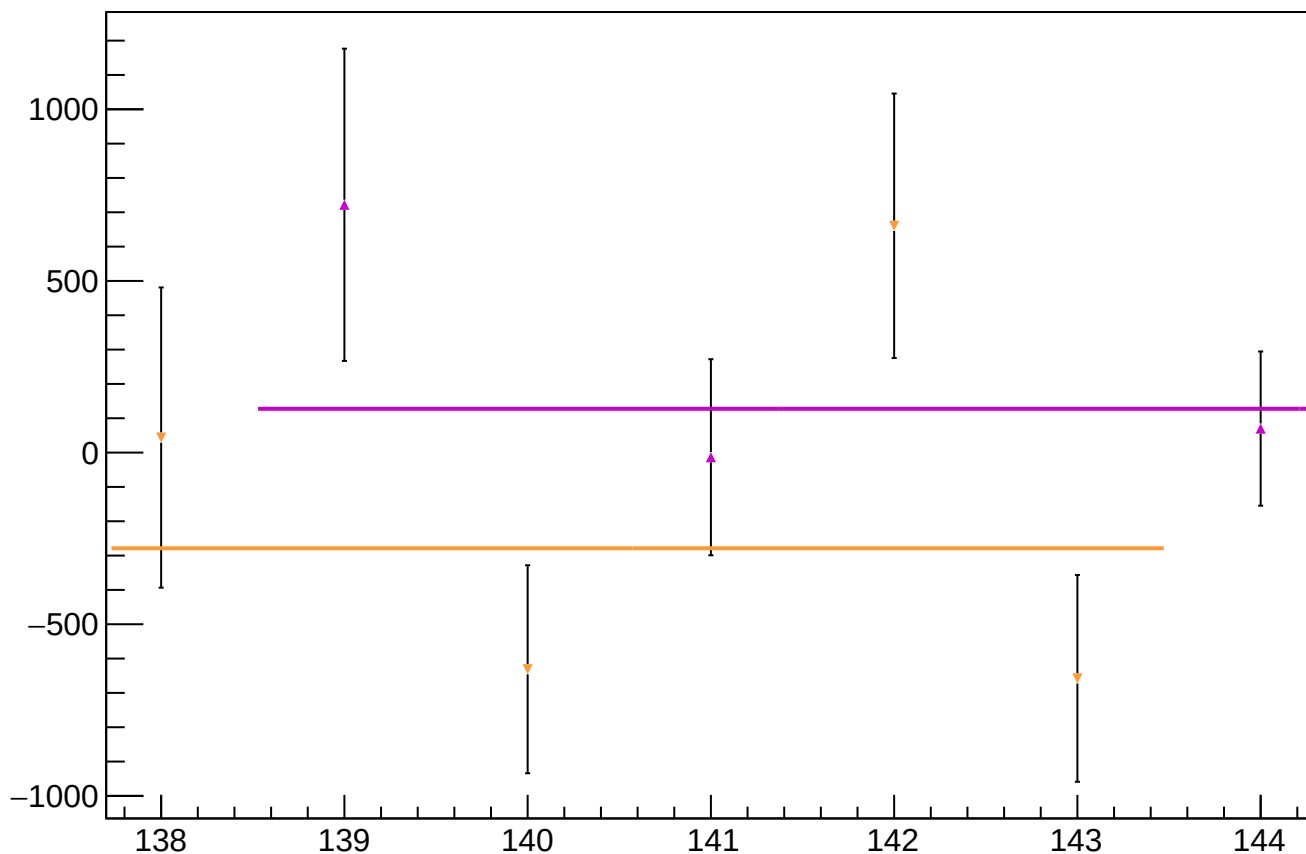
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 72.417 $\pm$ 0.018 χ^2 /NDF:1439458.8/19

Out: 74.942 $\pm$ 0.018 χ^2 /NDF:1710501.4/21

All: 73.661 $\pm$ 0.013 χ^2 /NDF: 3159985.0/41

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -278.773+/-171.774 χ^2/NDF :9.4/3

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: -66.893+/-118.831 χ^2/NDF : 14.4/6

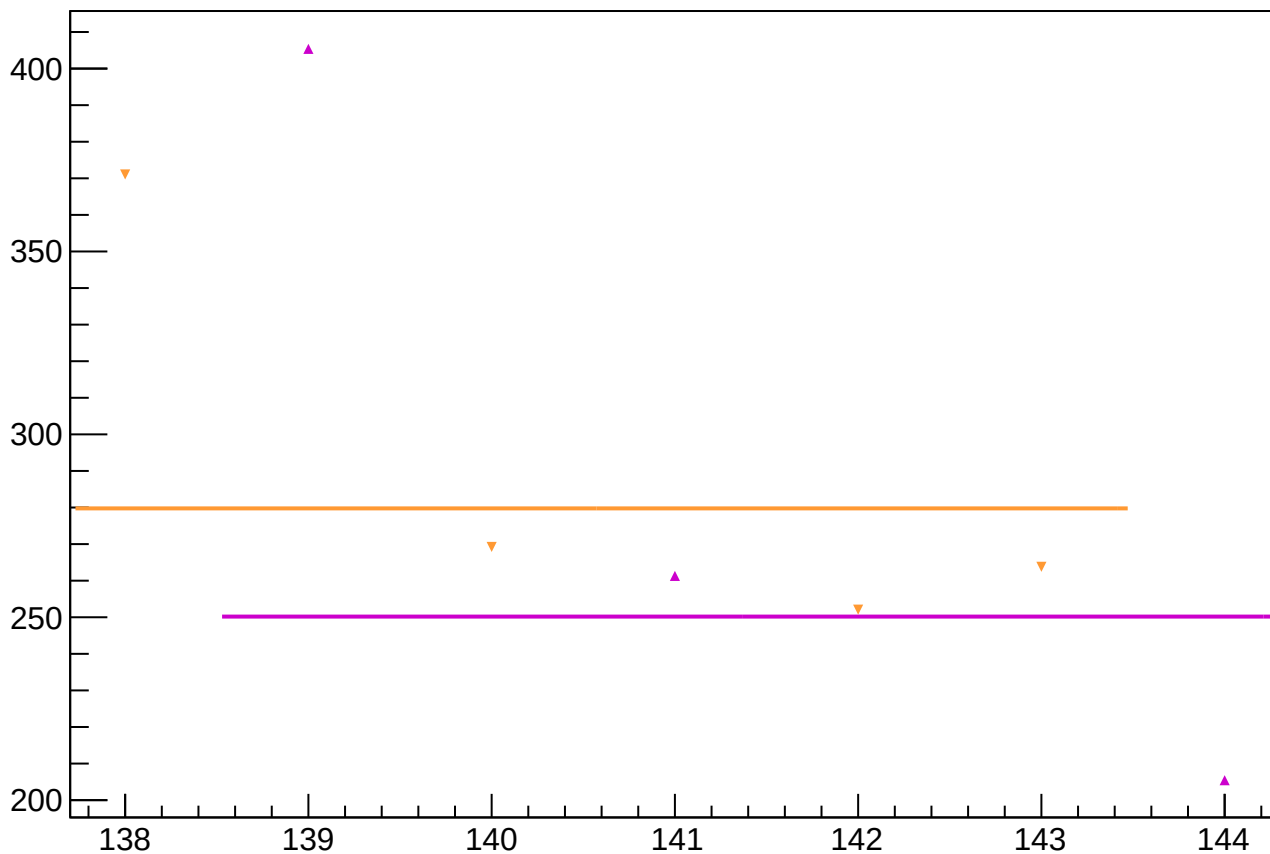
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.571+/-164.563 χ^2/NDF :2.0/2

Out: -278.773+/-171.774 χ^2/NDF :9.4/3

All: -66.893+/-118.831 χ^2/NDF : 14.4/6

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.762+/-0.121 χ^2/NDF :105550.5/3

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: 264.339+/-0.084 χ^2/NDF : 451826.8/6

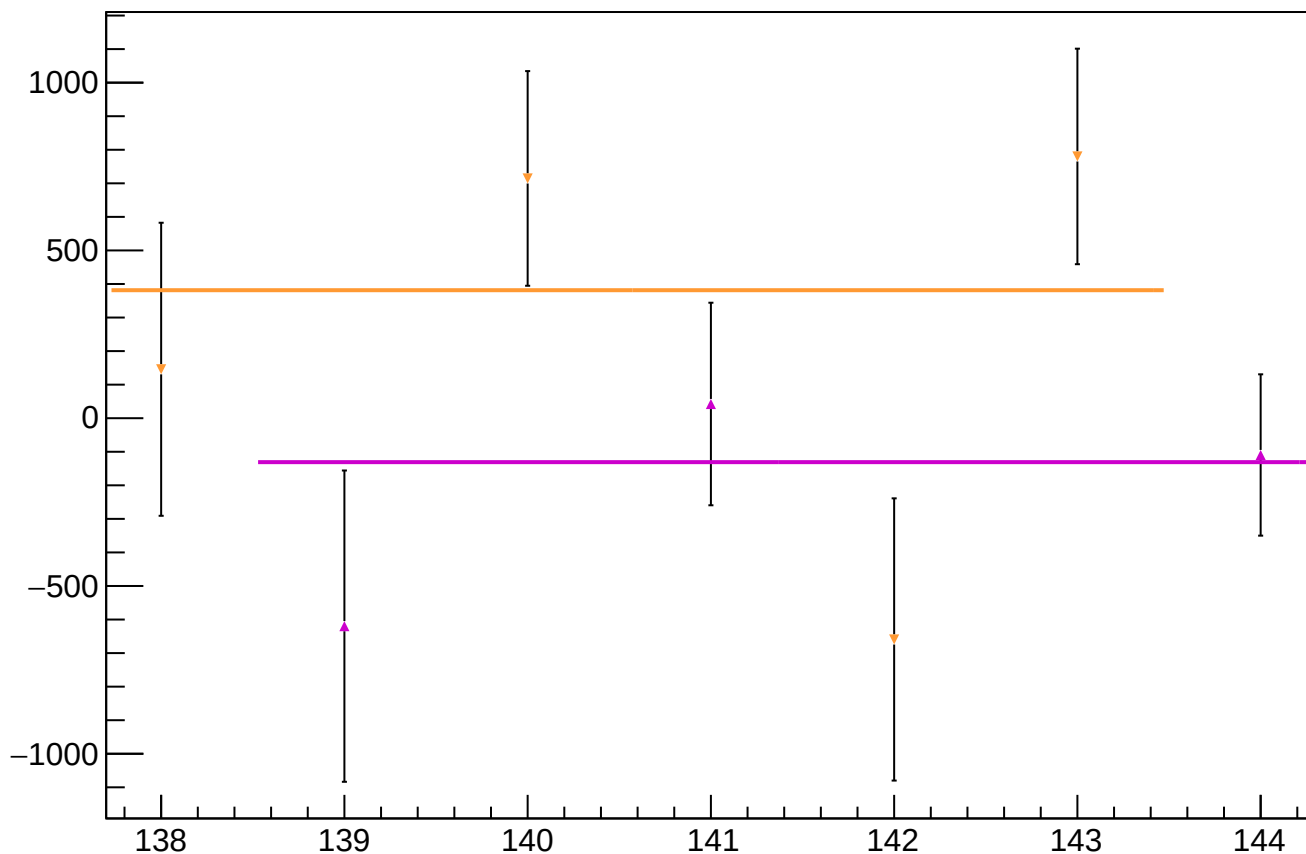
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 250.184+/-0.116 χ^2/NDF :315355.3/2

Out: 279.762+/-0.121 χ^2/NDF :105550.5/3

All: 264.339+/-0.084 χ^2/NDF : 451826.8/6

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 381.470 ± 181.466 $\chi^2/\text{NDF}: 9.0/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -130.942 ± 174.269 $\chi^2/\text{NDF}: 1.4/2$

Left: 114.900 ± 125.694 $\chi^2/\text{NDF}: 14.6/6$

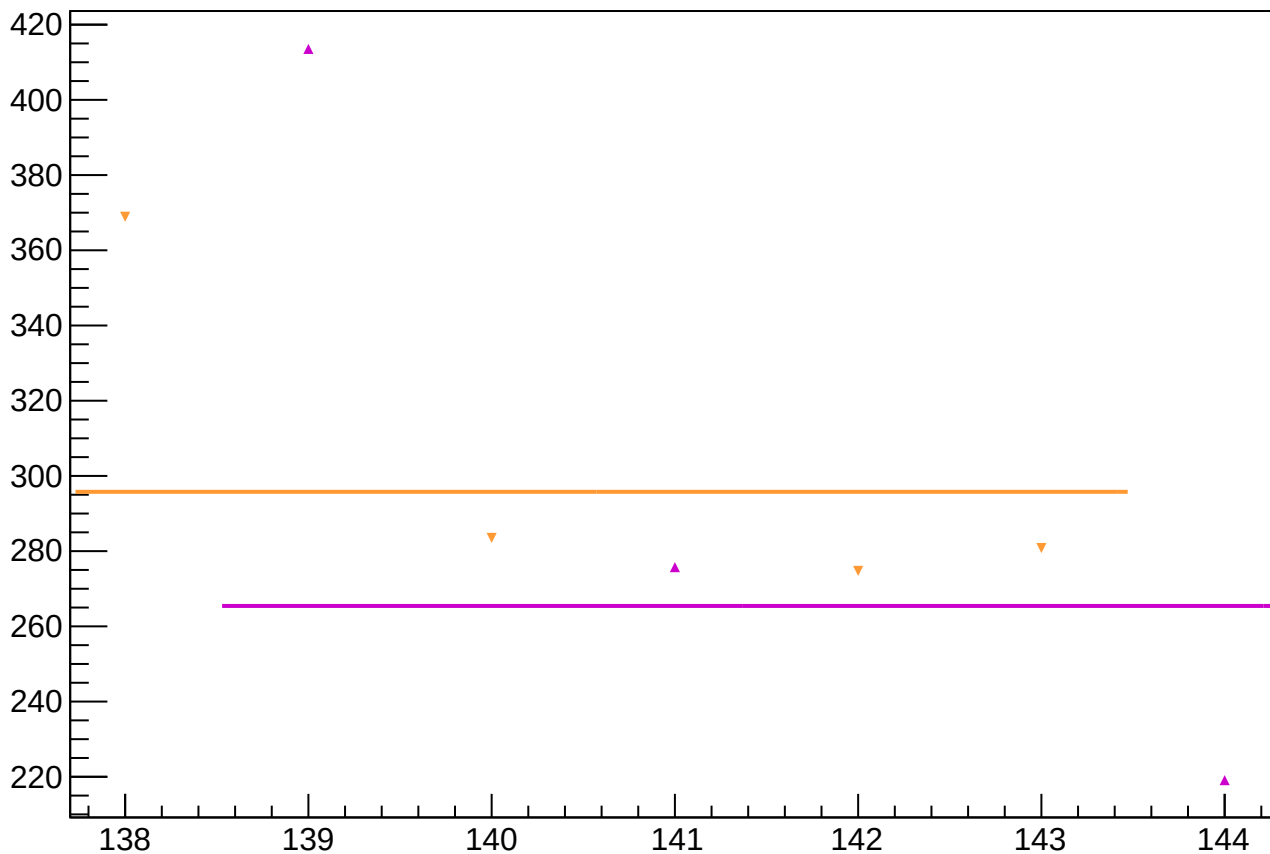
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -130.942 ± 174.269 $\chi^2/\text{NDF}: 1.4/2$

Out: 381.470 ± 181.466 $\chi^2/\text{NDF}: 9.0/3$

All: 114.900 ± 125.694 $\chi^2/\text{NDF}: 14.6/6$

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 295.777+/-0.128 χ^2/NDF : 68381.5/3

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: 279.989+/-0.089 χ^2/NDF : 378020.6/6

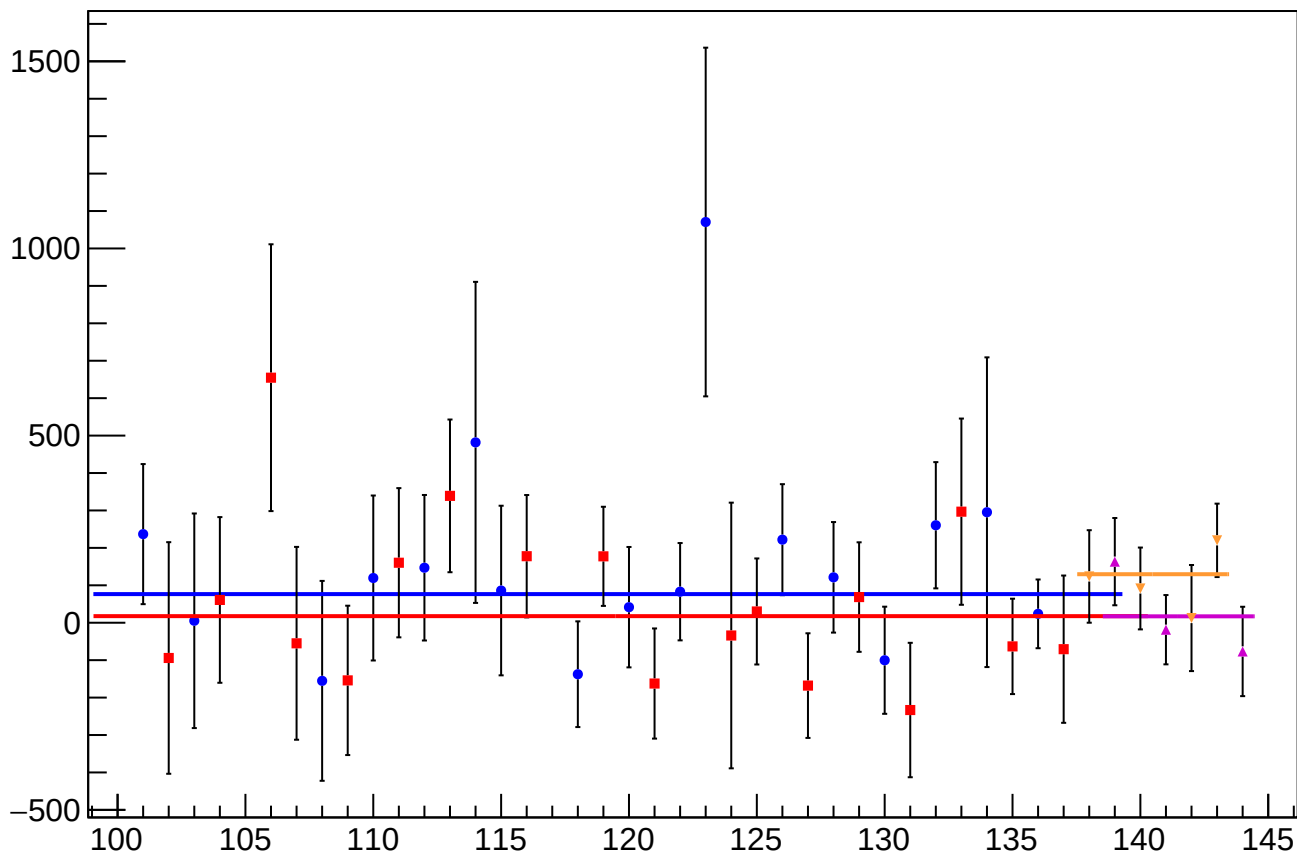
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 265.430+/-0.123 χ^2/NDF : 280541.2/2

Out: 295.777+/-0.128 χ^2/NDF : 68381.5/3

All: 279.989+/-0.089 χ^2/NDF : 378020.6/6

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: 129.632 $\pm$ 57.460 χ^2 /NDF:1.7/3

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: 77.614 $\pm$ 42.134 χ^2 /NDF: 5.8/6

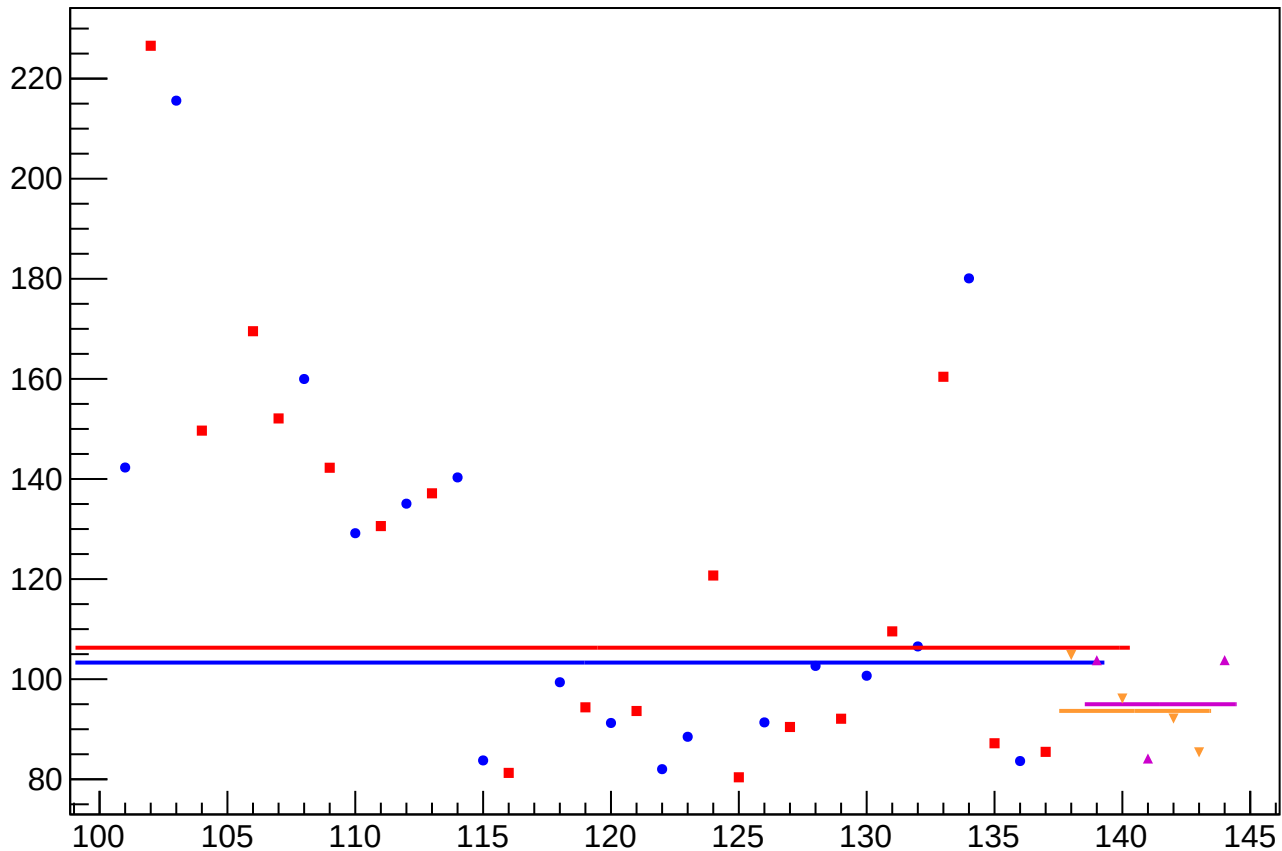
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 58.079 $\pm$ 34.514 χ^2 /NDF:16.9/19

Out: 56.975 $\pm$ 34.063 χ^2 /NDF:20.9/21

All: 57.520 $\pm$ 24.244 χ^2 /NDF: 37.8/41

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: 93.661 $\pm$ 0.041 χ^2 /NDF: 31819.1/3

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: 94.277 $\pm$ 0.030 χ^2 /NDF: 82022.6/6

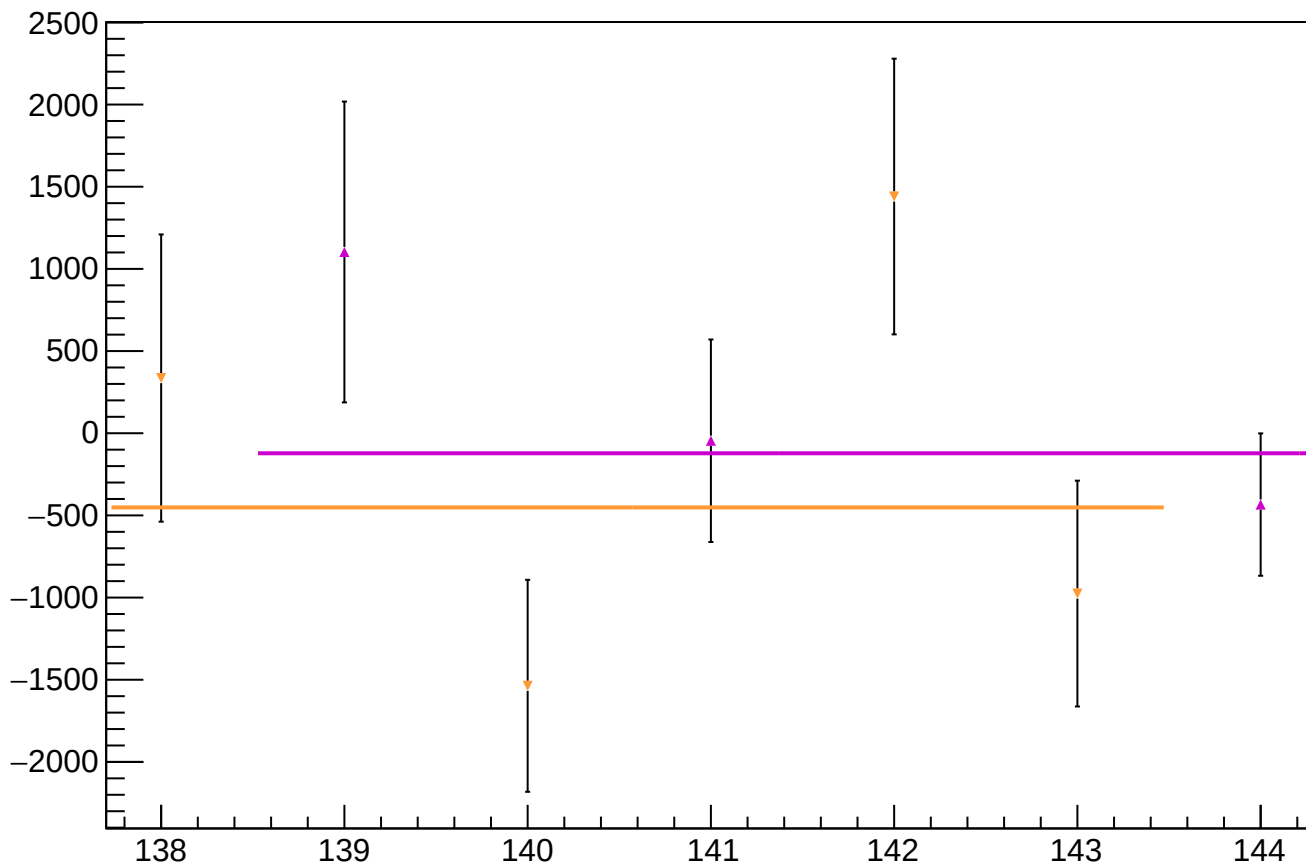
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 100.735 $\pm$ 0.024 χ^2 /NDF: 912403.7/19

Out: 101.851 $\pm$ 0.024 χ^2 /NDF: 1095173.9/21

All: 101.300 $\pm$ 0.017 χ^2 /NDF: 2008636.4/41

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -451.579+/-371.305 χ^2/NDF : 9.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -121.994+/-330.443 χ^2/NDF : 2.3/2

Left: -267.661+/-246.846 χ^2/NDF : 12.1/6

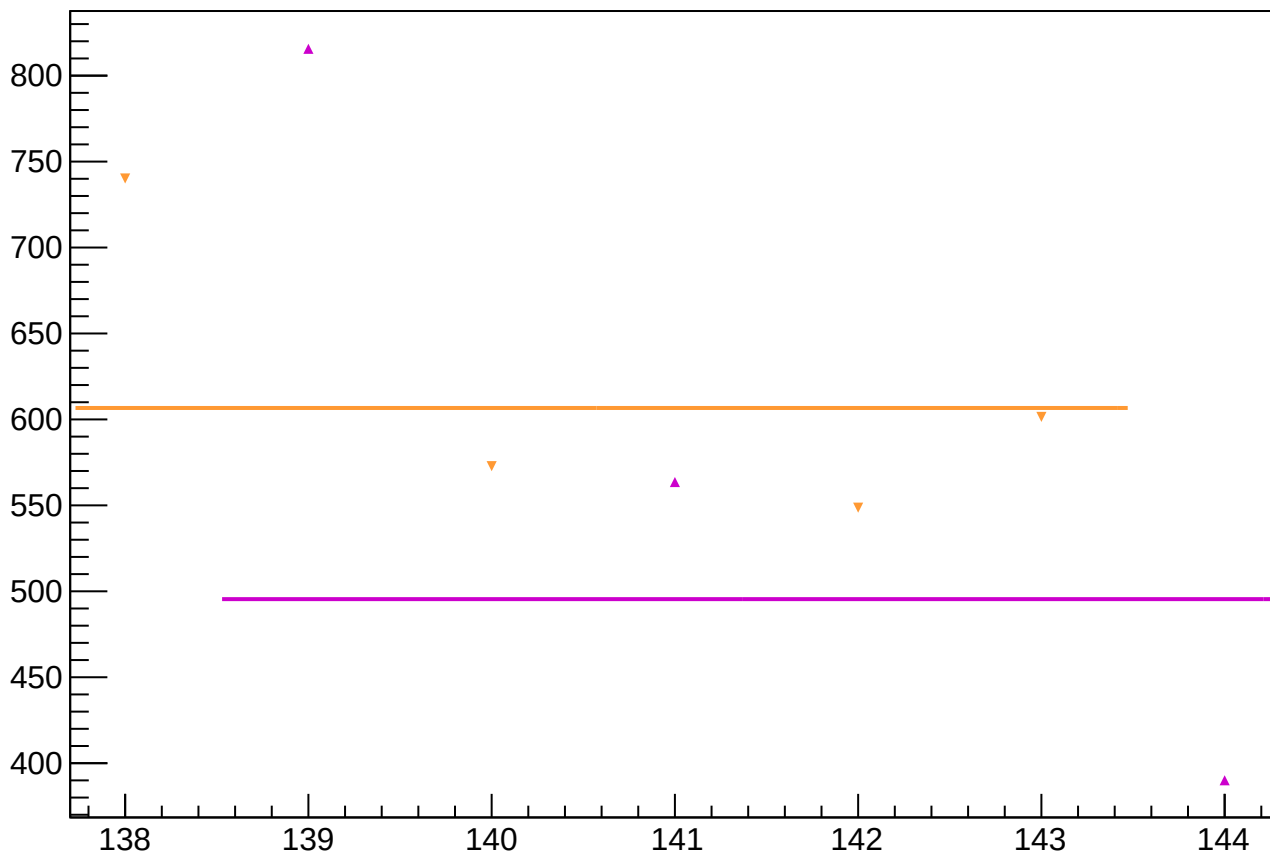
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -121.994+/-330.443 χ^2/NDF : 2.3/2

Out: -451.579+/-371.305 χ^2/NDF : 9.3/3

All: -267.661+/-246.846 χ^2/NDF : 12.1/6

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 606.657+/-0.263 χ^2/NDF : 61875.3/3

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: 544.597+/-0.175 χ^2/NDF : 549582.1/6

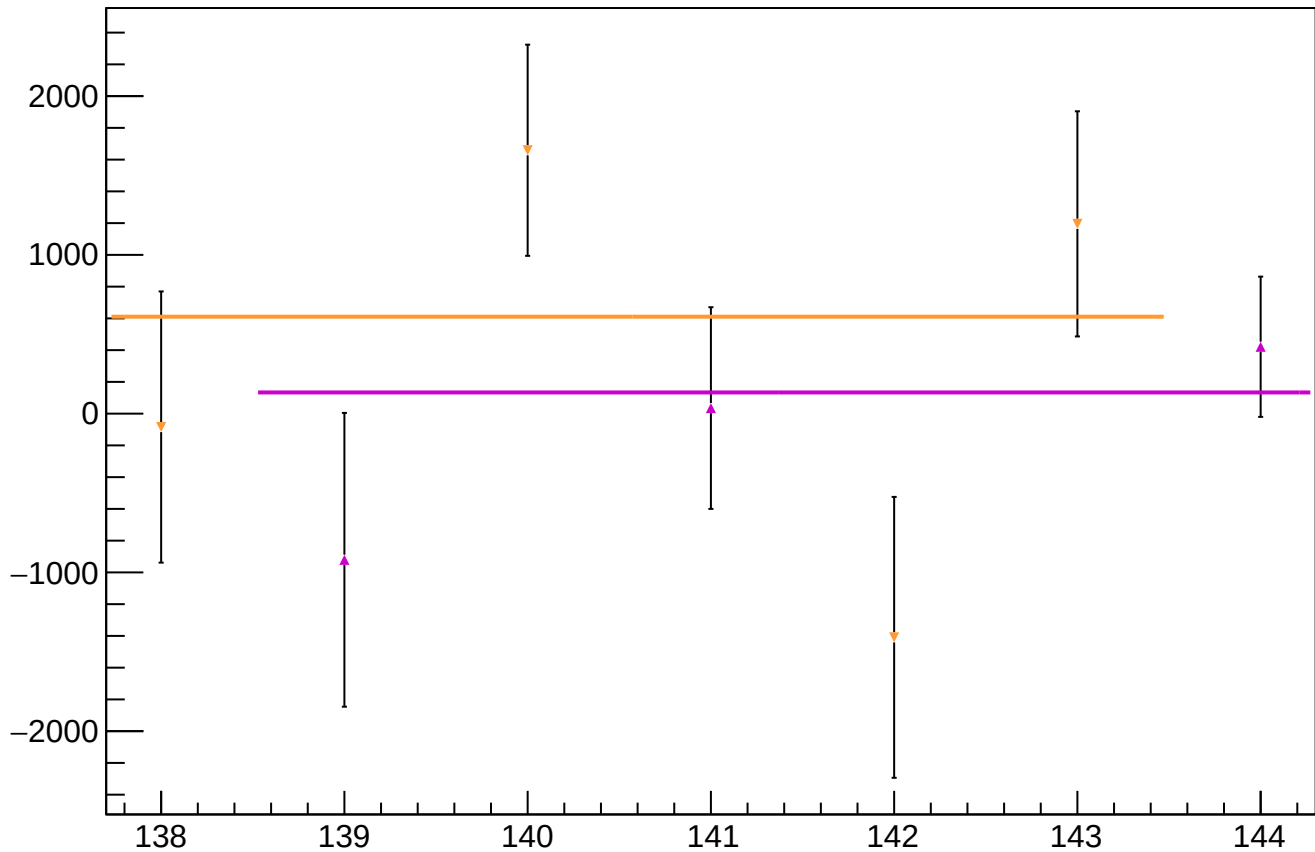
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 495.445+/-0.234 χ^2/NDF : 387585.5/2

Out: 606.657+/-0.263 χ^2/NDF : 61875.3/3

All: 544.597+/-0.175 χ^2/NDF : 549582.1/6

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 610.601+/-380.729 χ^2/NDF : 9.0/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.546+/-337.622 χ^2/NDF : 1.7/2

Left: 343.549+/-252.606 χ^2/NDF : 11.7/6

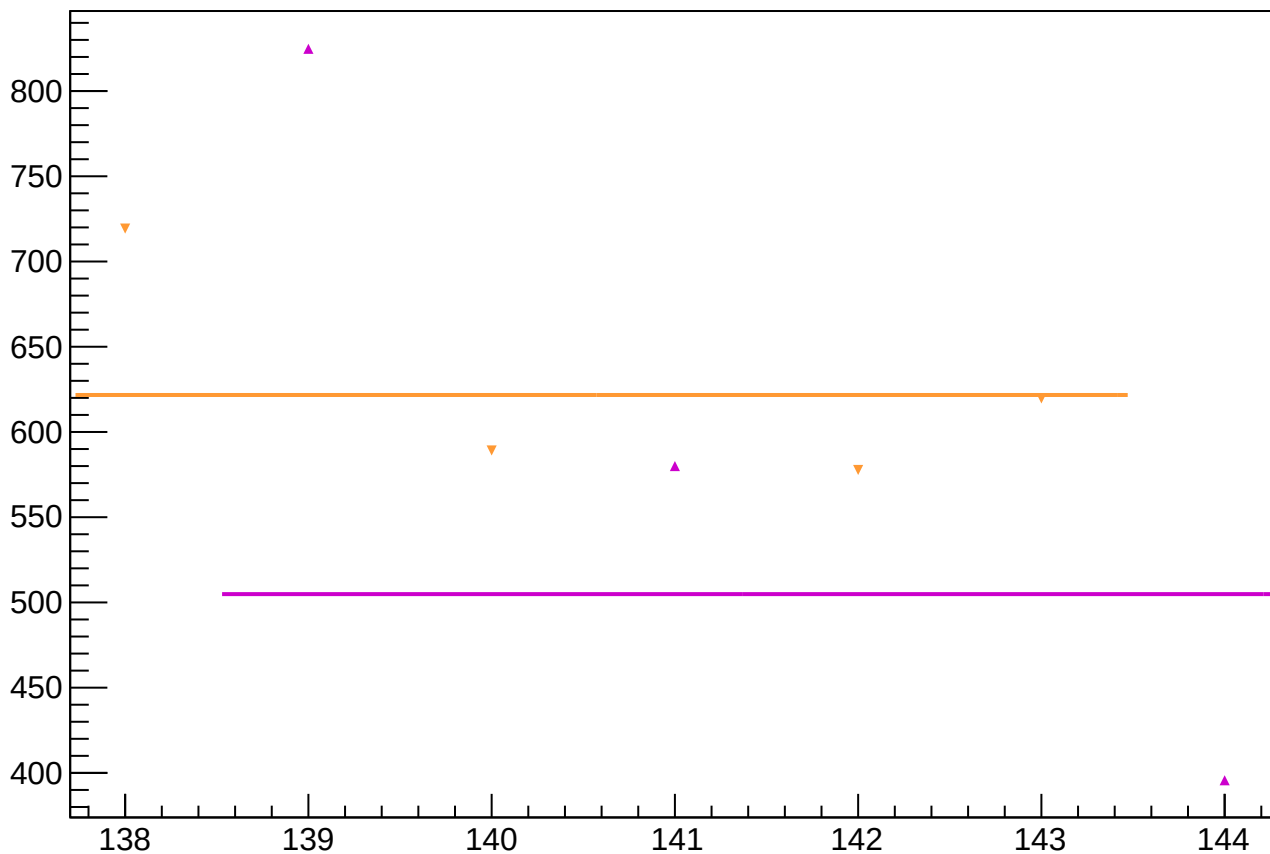
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.546+/-337.622 χ^2/NDF : 1.7/2

Out: 610.601+/-380.729 χ^2/NDF : 9.0/3

All: 343.549+/-252.606 χ^2/NDF : 11.7/6

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 621.700+/-0.269 χ^2/NDF : 35878.7/3

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: 556.306+/-0.179 χ^2/NDF : 530581.6/6

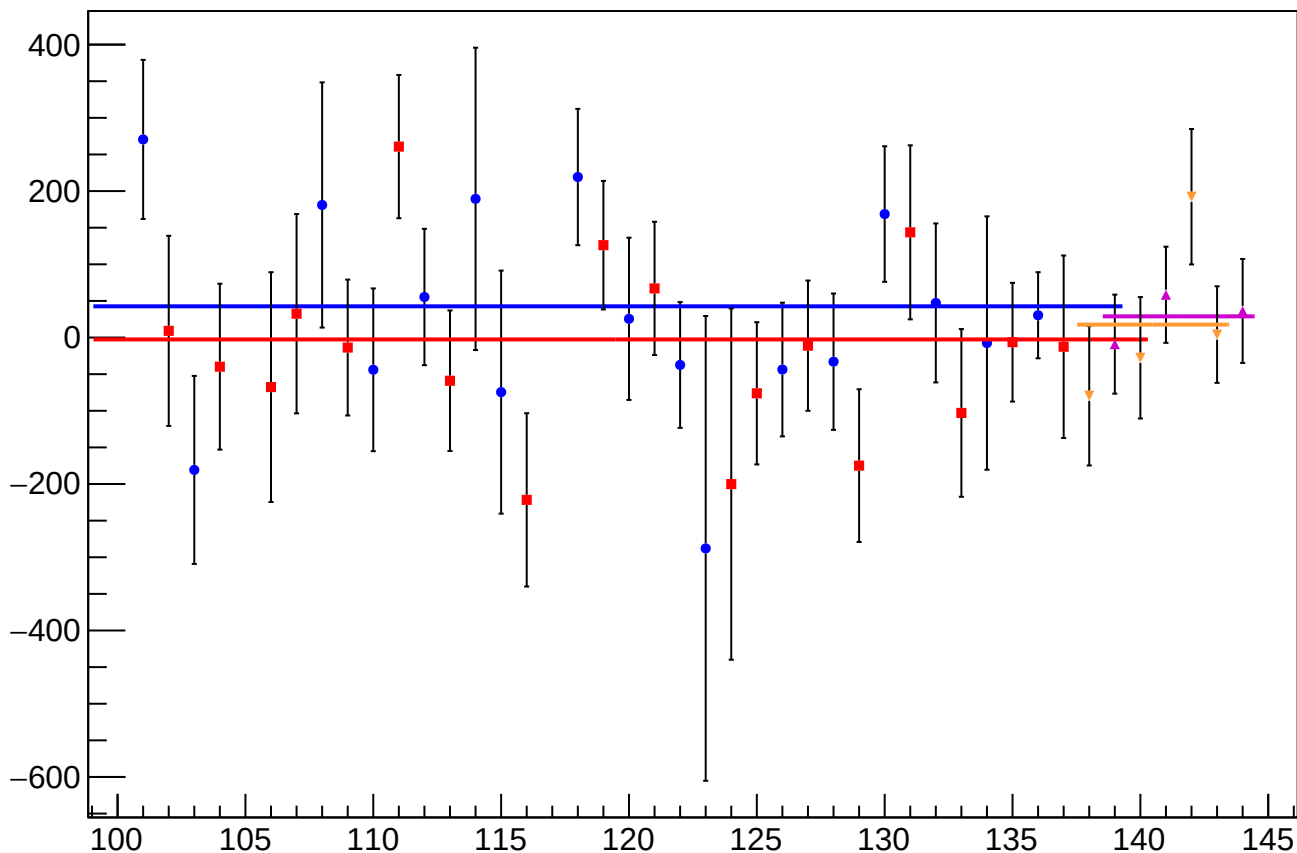
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 504.882+/-0.239 χ^2/NDF : 389300.9/2

Out: 621.700+/-0.269 χ^2/NDF : 35878.7/3

All: 556.306+/-0.179 χ^2/NDF : 530581.6/6

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: 17.680 $\pm$ 40.733 χ^2 /NDF: 4.9/3

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: 23.527 $\pm$ 28.261 χ^2 /NDF: 5.5/6

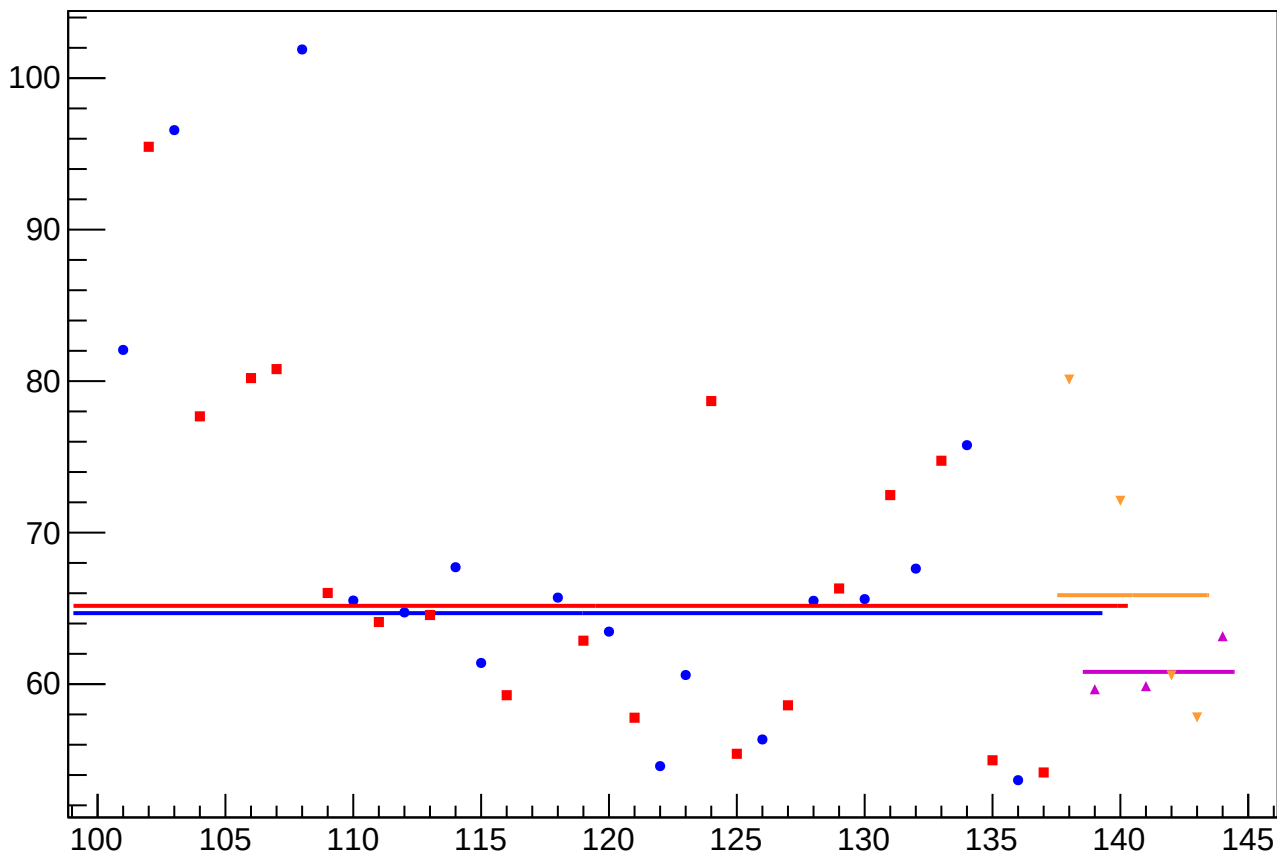
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 38.590 $\pm$ 21.374 χ^2 /NDF: 19.5/19

Out: 2.995 $\pm$ 21.361 χ^2 /NDF: 25.5/21

All: 20.782 $\pm$ 15.109 χ^2 /NDF: 46.4/41

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: 65.871 $\pm$ 0.029 χ^2/NDF :92474.2/3

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: 63.245 $\pm$ 0.020 χ^2/NDF : 111691.5/6

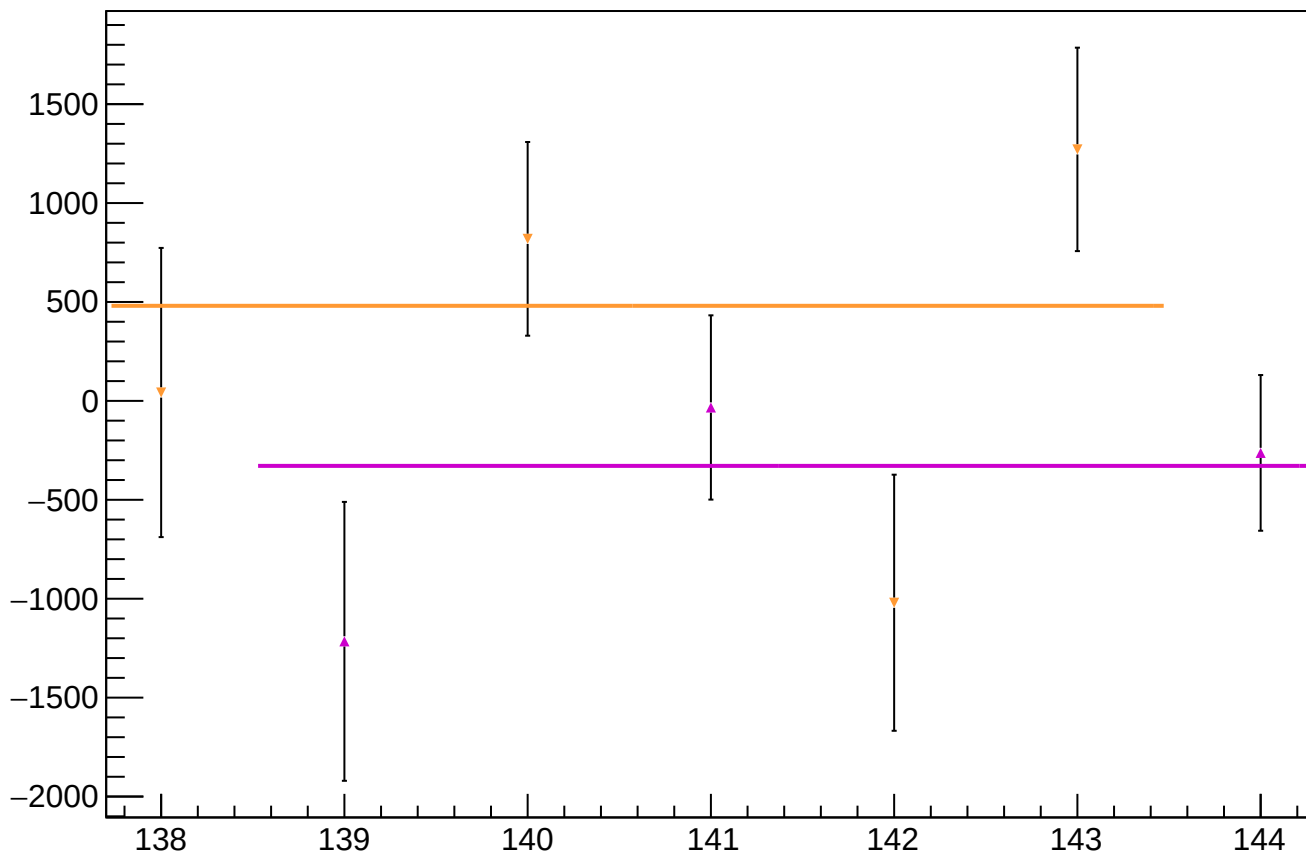
Right: 64.930 $\pm$ 0.013 χ^2/NDF : 705130.8/34

In: 63.535 $\pm$ 0.015 χ^2/NDF :417111.6/19

Out: 65.361 $\pm$ 0.015 χ^2/NDF :397487.8/21

All: 64.449 $\pm$ 0.011 χ^2/NDF : 821899.1/41

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: 480.599 ± 286.141 χ^2/NDF : 8.6/3

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: 62.171 ± 198.836 χ^2/NDF : 14.7/6

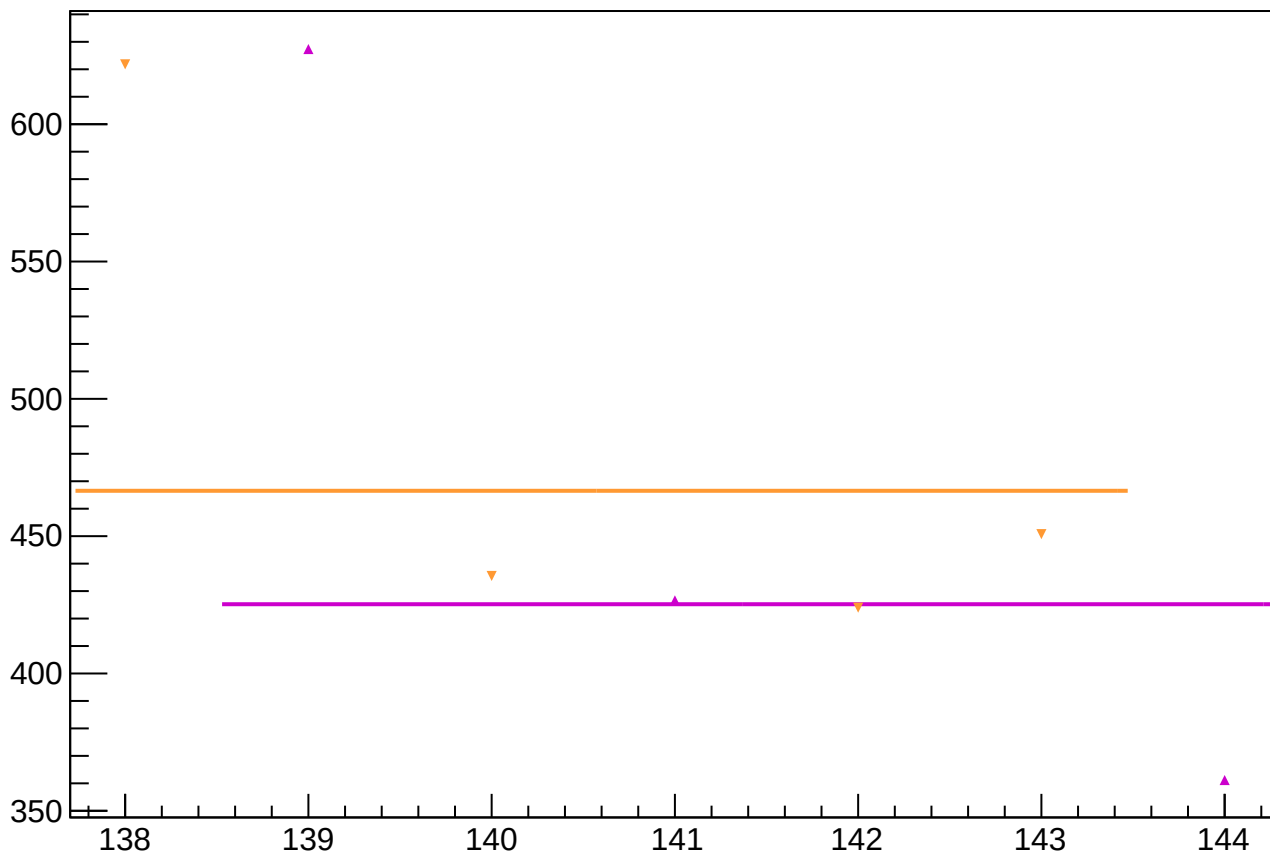
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -328.534 ± 276.500 χ^2/NDF : 2.0/2

Out: 480.599 ± 286.141 χ^2/NDF : 8.6/3

All: 62.171 ± 198.836 χ^2/NDF : 14.7/6

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: 466.524+/-0.202 χ^2/NDF :108829.7/3

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: 445.164+/-0.141 χ^2/NDF : 347812.1/6

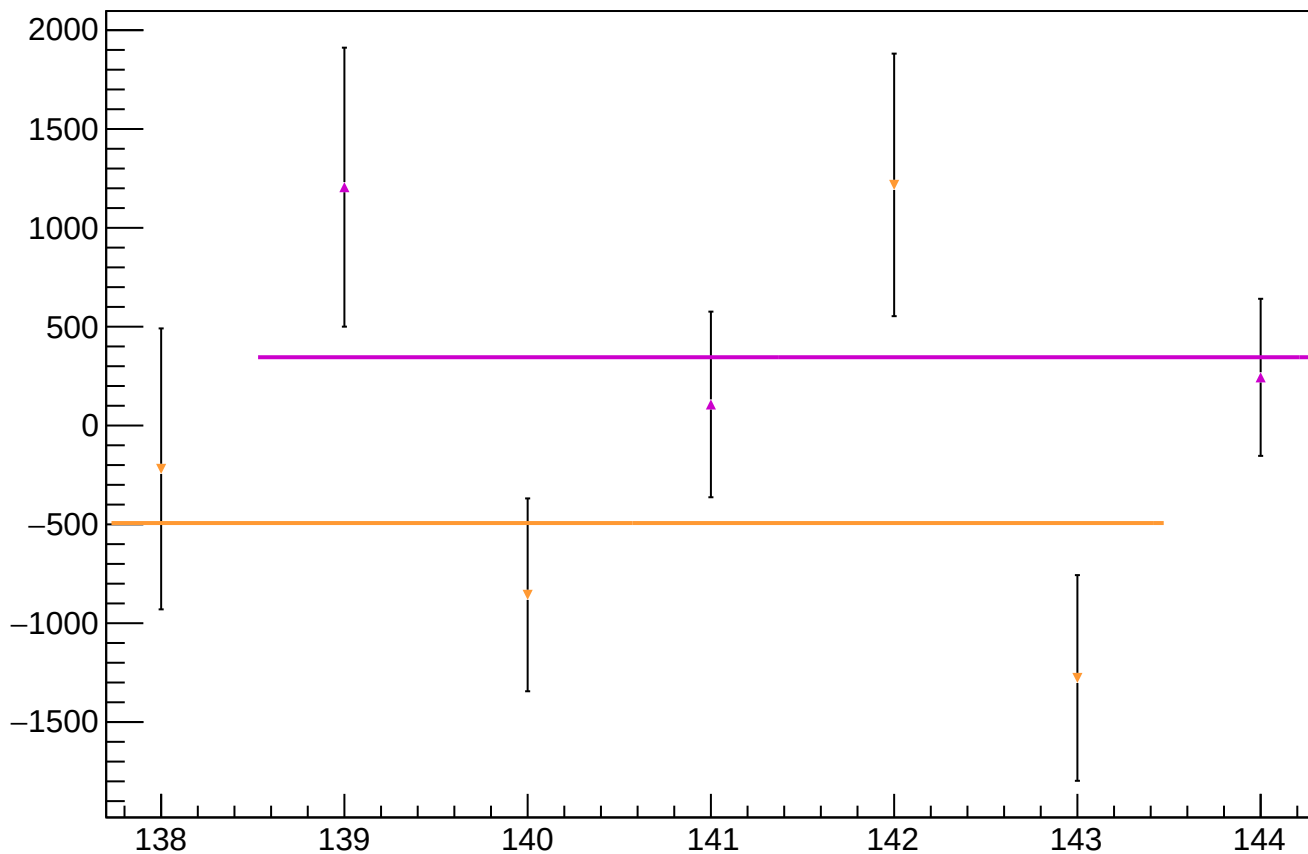
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 425.219+/-0.196 χ^2/NDF :217431.2/2

Out: 466.524+/-0.202 χ^2/NDF :108829.7/3

All: 445.164+/-0.141 χ^2/NDF : 347812.1/6

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -493.293+/-286.941 χ^2/NDF : 9.6/3

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: -61.600+/-199.899 χ^2/NDF : 15.8/6

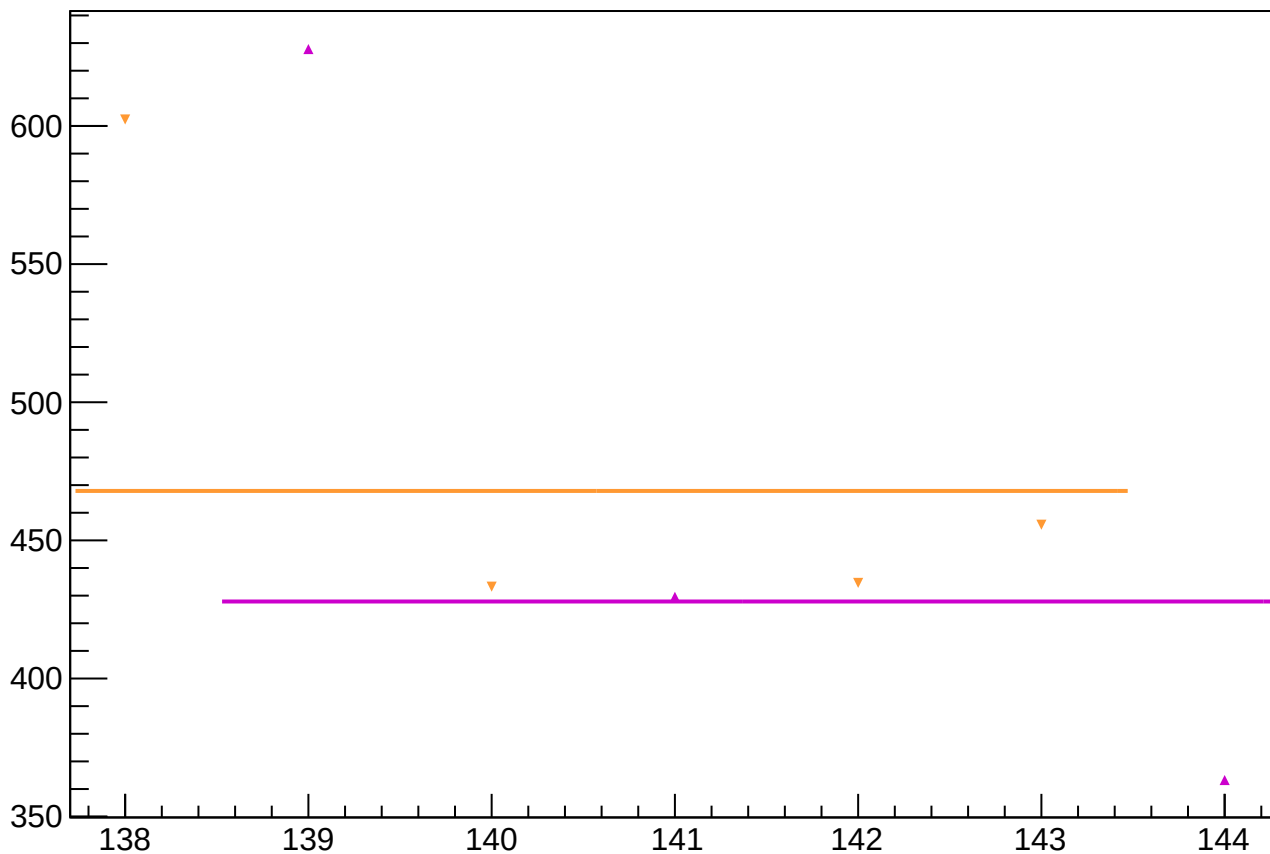
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.477+/-278.641 χ^2/NDF : 1.8/2

Out: -493.293+/-286.941 χ^2/NDF : 9.6/3

All: -61.600+/-199.899 χ^2/NDF : 15.8/6

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 467.898+/-0.203 χ^2/NDF : 87820.8/3

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: 447.301+/-0.141 χ^2/NDF : 321384.1/6

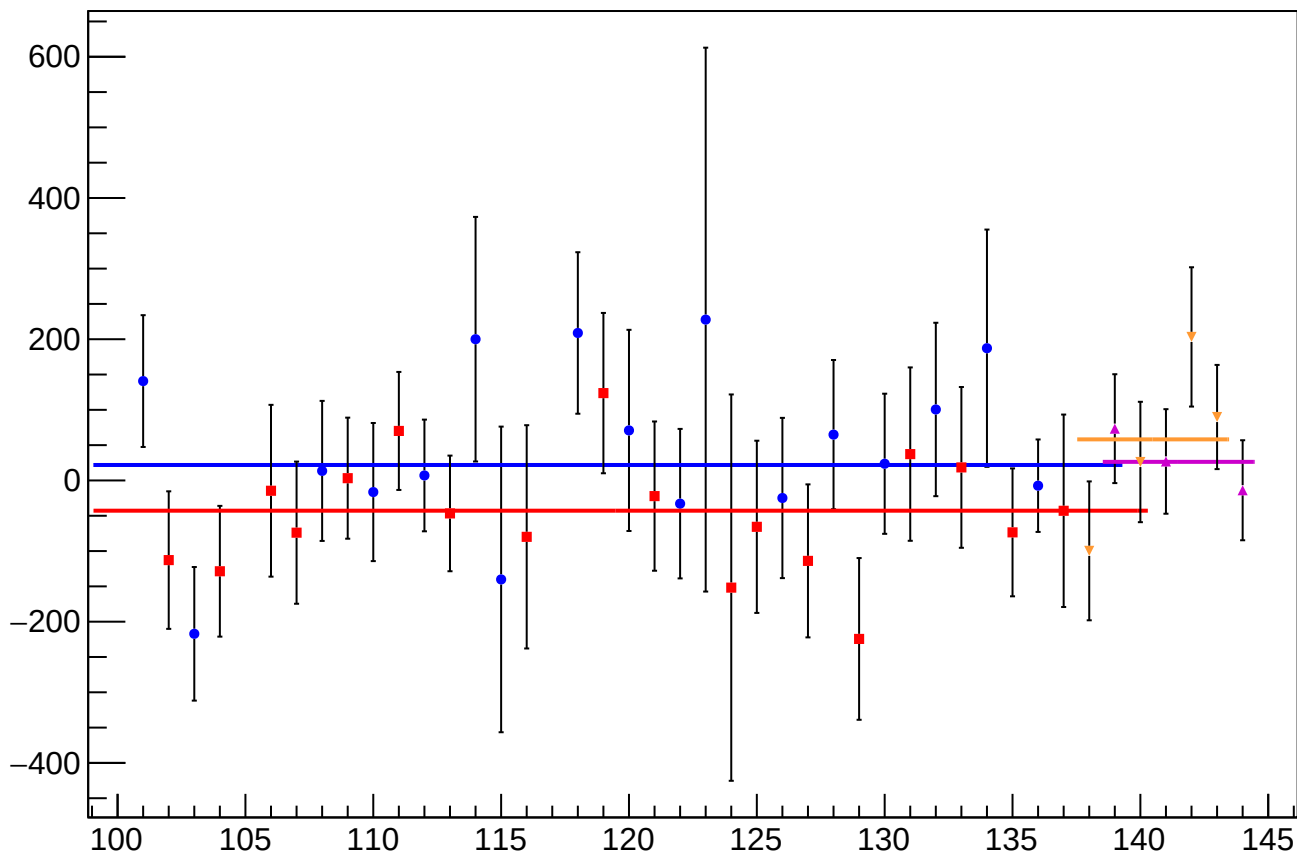
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.878+/-0.197 χ^2/NDF : 213540.4/2

Out: 467.898+/-0.203 χ^2/NDF : 87820.8/3

All: 447.301+/-0.141 χ^2/NDF : 321384.1/6

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 58.171 $\pm$ 43.540 χ^2 /NDF: 5.1/3

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 26.335 $\pm$ 42.637 χ^2 /NDF: 0.7/2

Left: 41.920 $\pm$ 30.463 χ^2 /NDF: 6.0/6

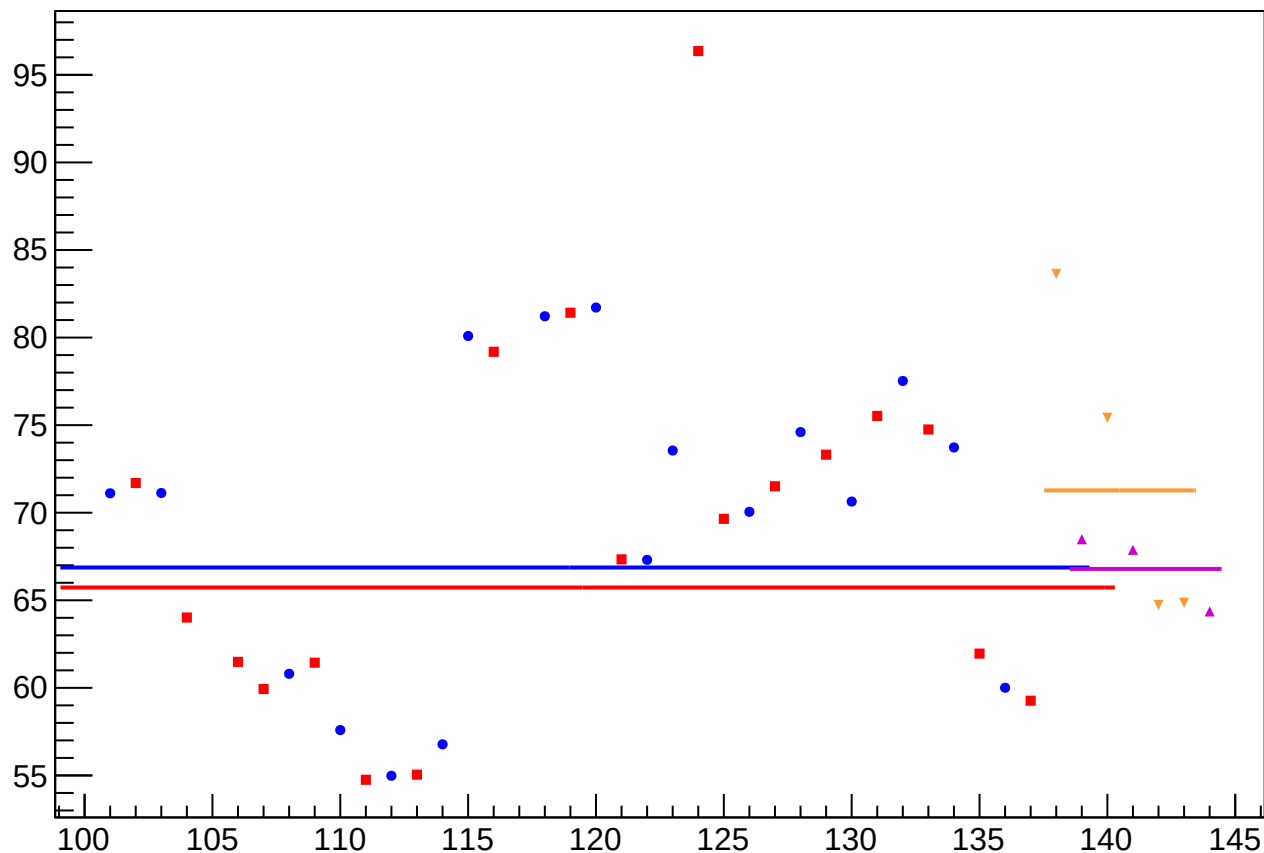
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 23.111 $\pm$ 22.232 χ^2 /NDF: 15.8/19

Out: -17.602 $\pm$ 21.756 χ^2 /NDF: 19.0/21

All: 2.313 $\pm$ 15.549 χ^2 /NDF: 36.5/41

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: 71.275 $\pm$ 0.031 χ^2/NDF : 60237.4/3

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: 68.987 $\pm$ 0.022 χ^2/NDF : 74812.4/6

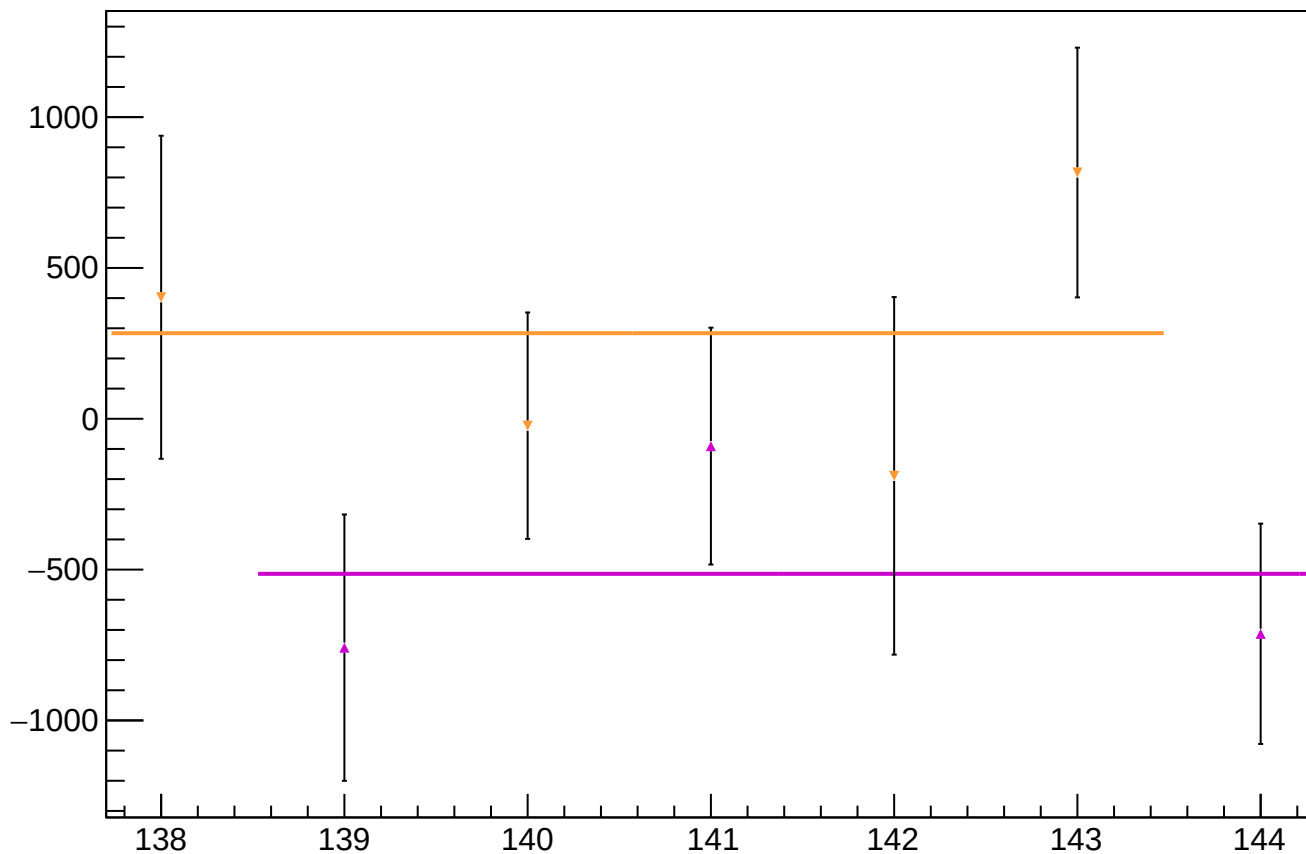
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 66.850 $\pm$ 0.016 χ^2/NDF : 206271.5/19

Out: 67.115 $\pm$ 0.015 χ^2/NDF : 303441.8/21

All: 66.985 $\pm$ 0.011 χ^2/NDF : 509858.1/41

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 283.740+/-227.802 χ^2/NDF : 3.0/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -513.999+/-228.704 χ^2/NDF : 1.8/2

Left: -113.553+/-161.398 χ^2/NDF : 10.9/6

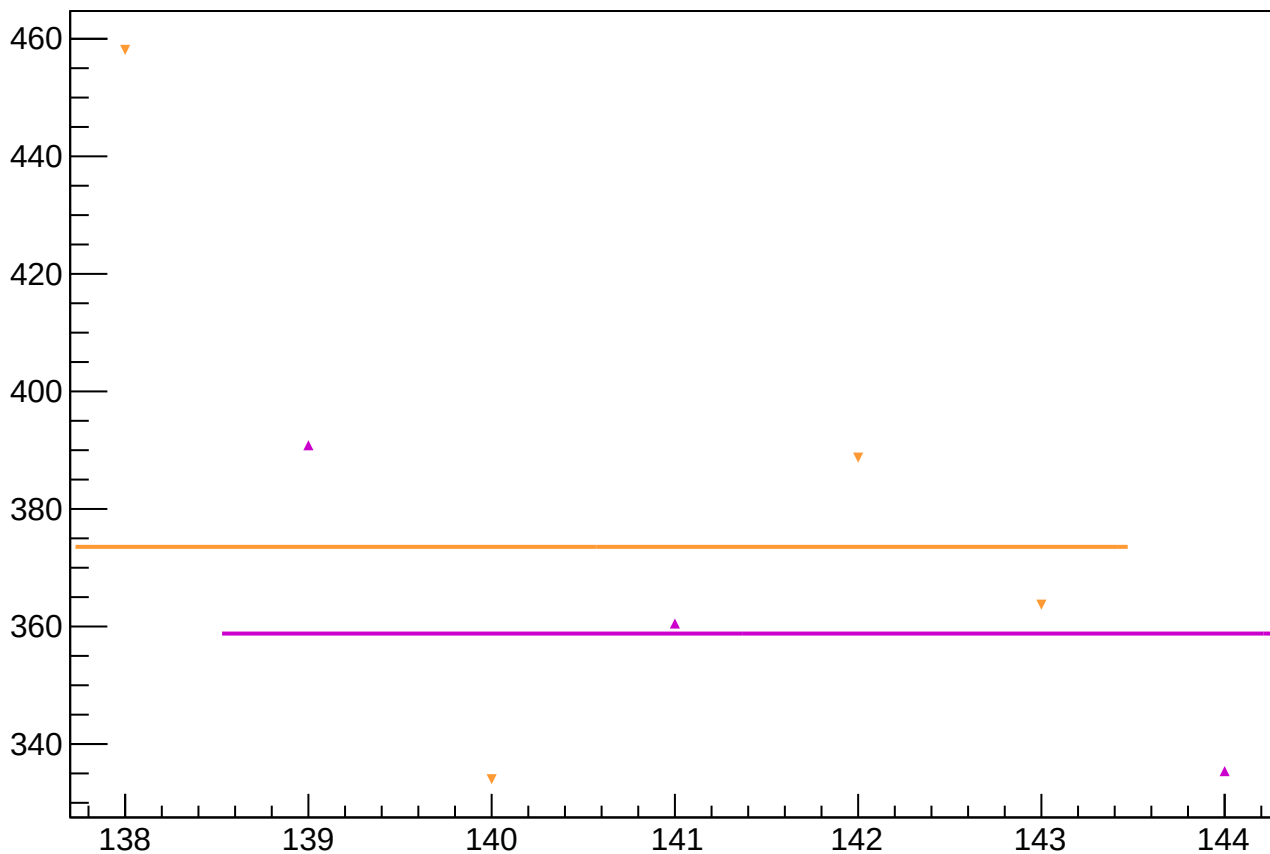
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -513.999+/-228.704 χ^2/NDF : 1.8/2

Out: 283.740+/-227.802 χ^2/NDF : 3.0/3

All: -113.553+/-161.398 χ^2/NDF : 10.9/6

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: 373.553+/-0.161 χ^2/NDF :74517.7/3

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: 366.206+/-0.114 χ^2/NDF : 97489.5/6

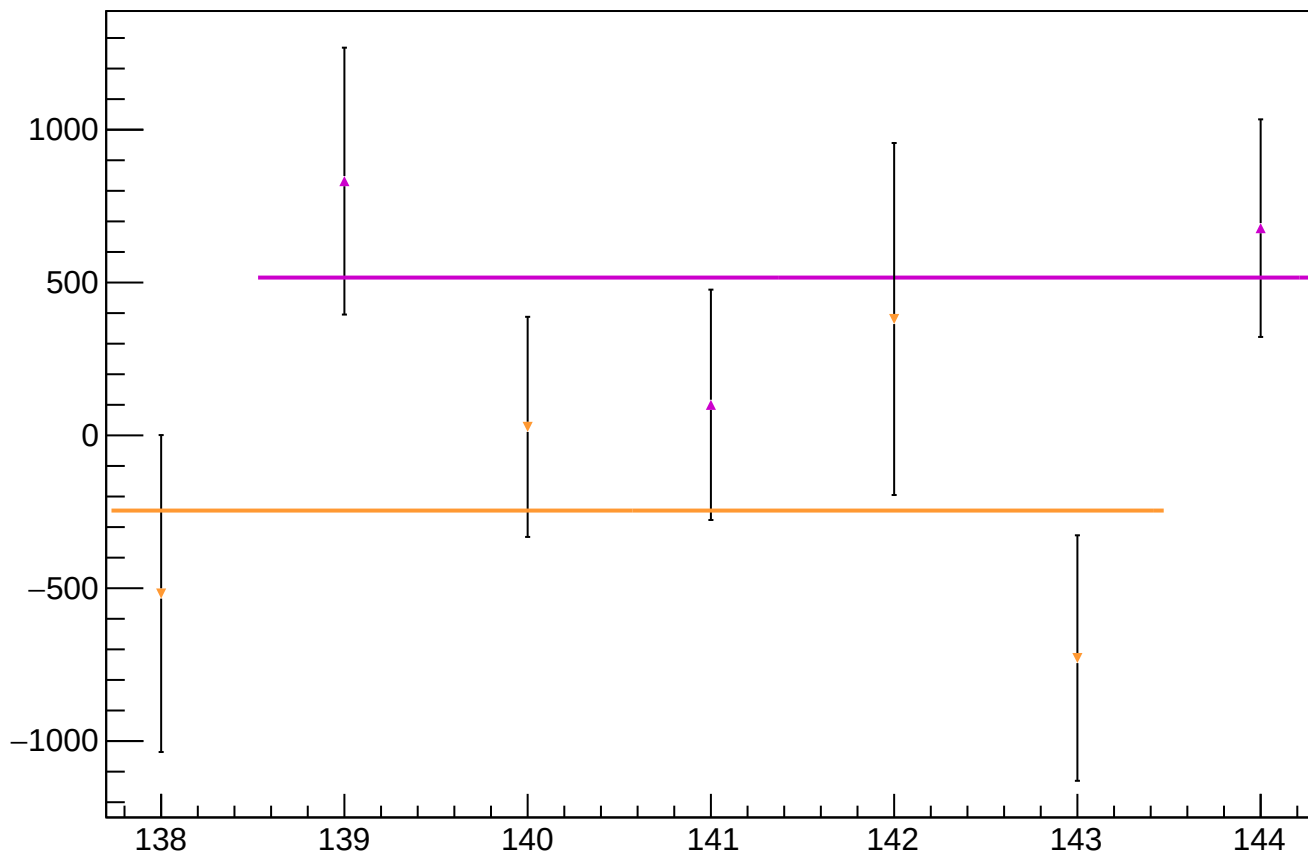
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.800+/-0.162 χ^2/NDF :18794.0/2

Out: 373.553+/-0.161 χ^2/NDF :74517.7/3

All: 366.206+/-0.114 χ^2/NDF : 97489.5/6

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -245.928 $\pm$ 220.044 χ^2 /NDF:3.5/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 516.244 $\pm$ 222.577 χ^2 /NDF:1.9/2

Left: 130.796 $\pm$ 156.482 χ^2 /NDF: 11.4/6

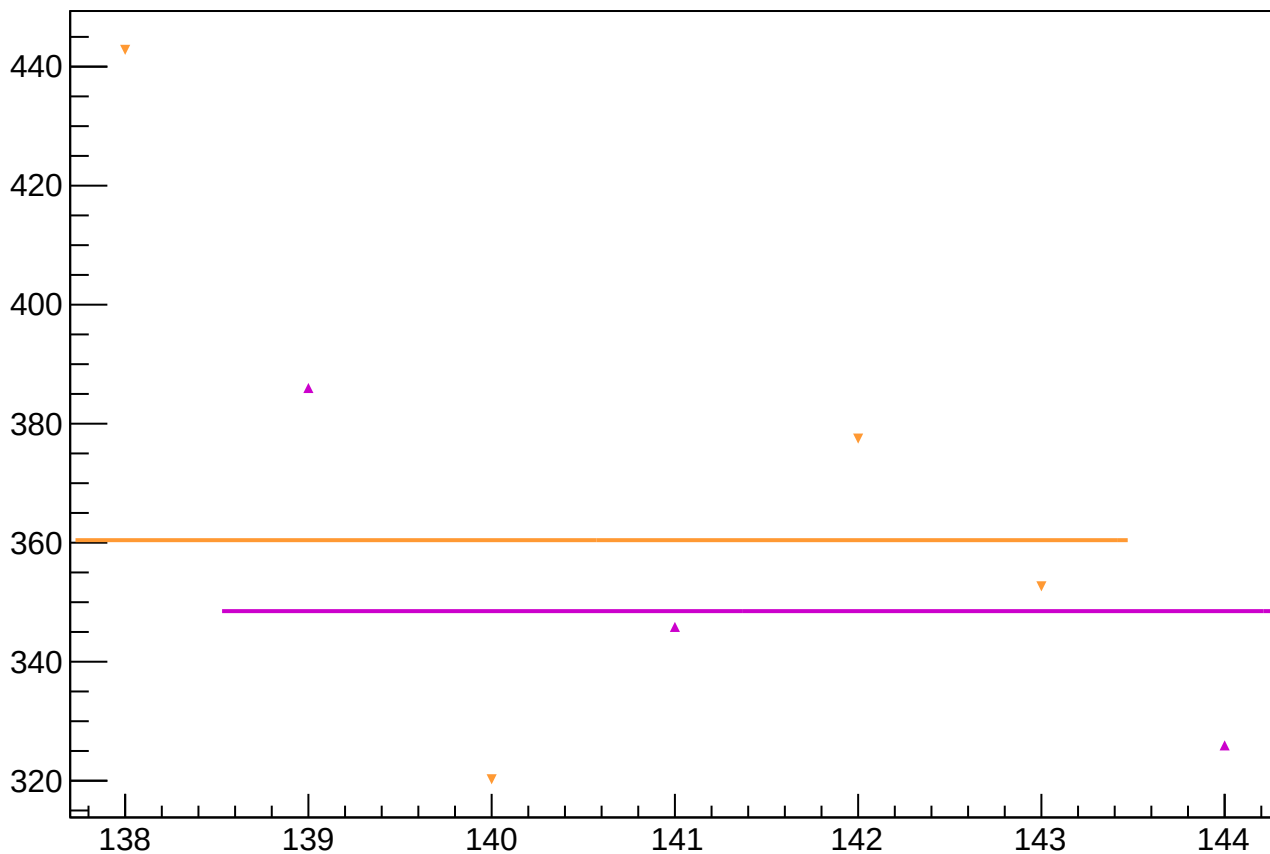
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 516.244 $\pm$ 222.577 χ^2 /NDF:1.9/2

Out: -245.928 $\pm$ 220.044 χ^2 /NDF:3.5/3

All: 130.796 $\pm$ 156.482 χ^2 /NDF: 11.4/6

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 360.425+/-0.156 χ^2/NDF : 77936.3/3

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: 354.531+/-0.111 χ^2/NDF : 103730.4/6

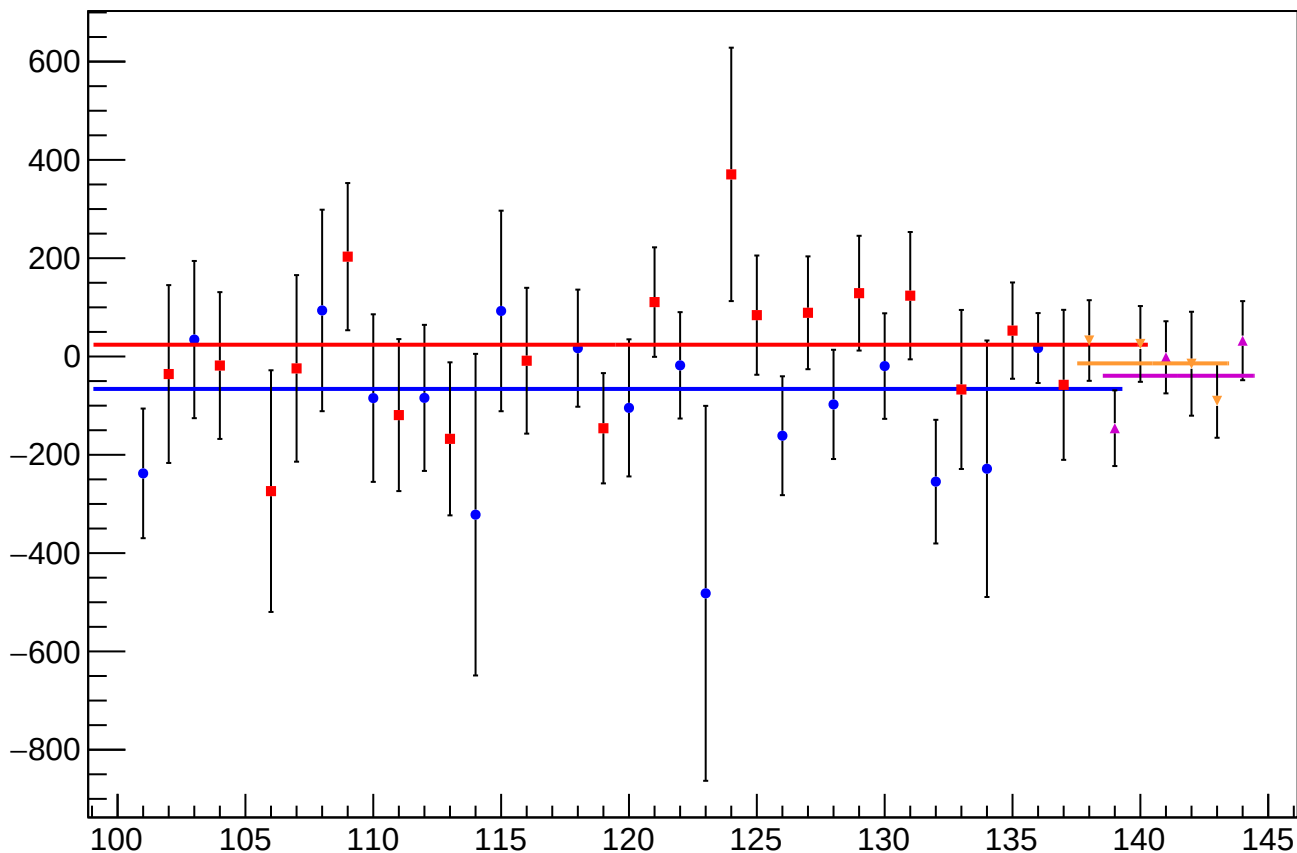
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.501+/-0.157 χ^2/NDF : 22891.6/2

Out: 360.425+/-0.156 χ^2/NDF : 77936.3/3

All: 354.531+/-0.111 χ^2/NDF : 103730.4/6

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 $\pm$ 32.289 χ^2/NDF : 10.8/16

Left Out: -13.986 $\pm$ 41.396 χ^2/NDF : 1.6/3

Right Out: 23.979 $\pm$ 32.790 χ^2/NDF : 12.9/17

Left In: -39.175 $\pm$ 44.325 χ^2/NDF : 3.0/2

Left: -25.721 $\pm$ 30.254 χ^2/NDF : 4.8/6

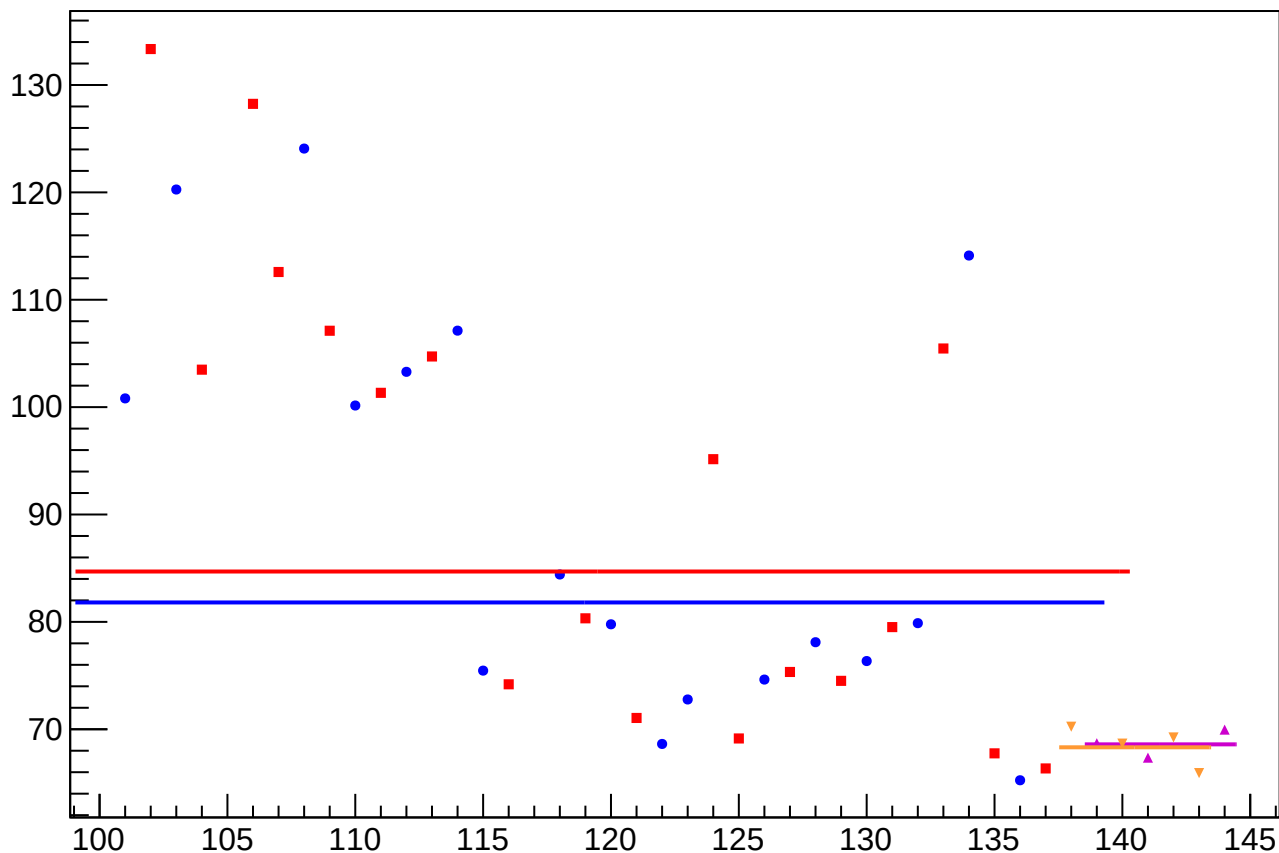
Right: -21.690 $\pm$ 23.007 χ^2/NDF : 27.5/34

In: -56.684 $\pm$ 26.099 χ^2/NDF : 14.0/19

Out: 9.343 $\pm$ 25.703 χ^2/NDF : 15.1/21

All: -23.167 $\pm$ 18.313 χ^2/NDF : 32.3/41

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: 68.319 $\pm$ 0.029 χ^2/NDF : 3327.2/3

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: 68.447 $\pm$ 0.021 χ^2/NDF : 4523.3/6

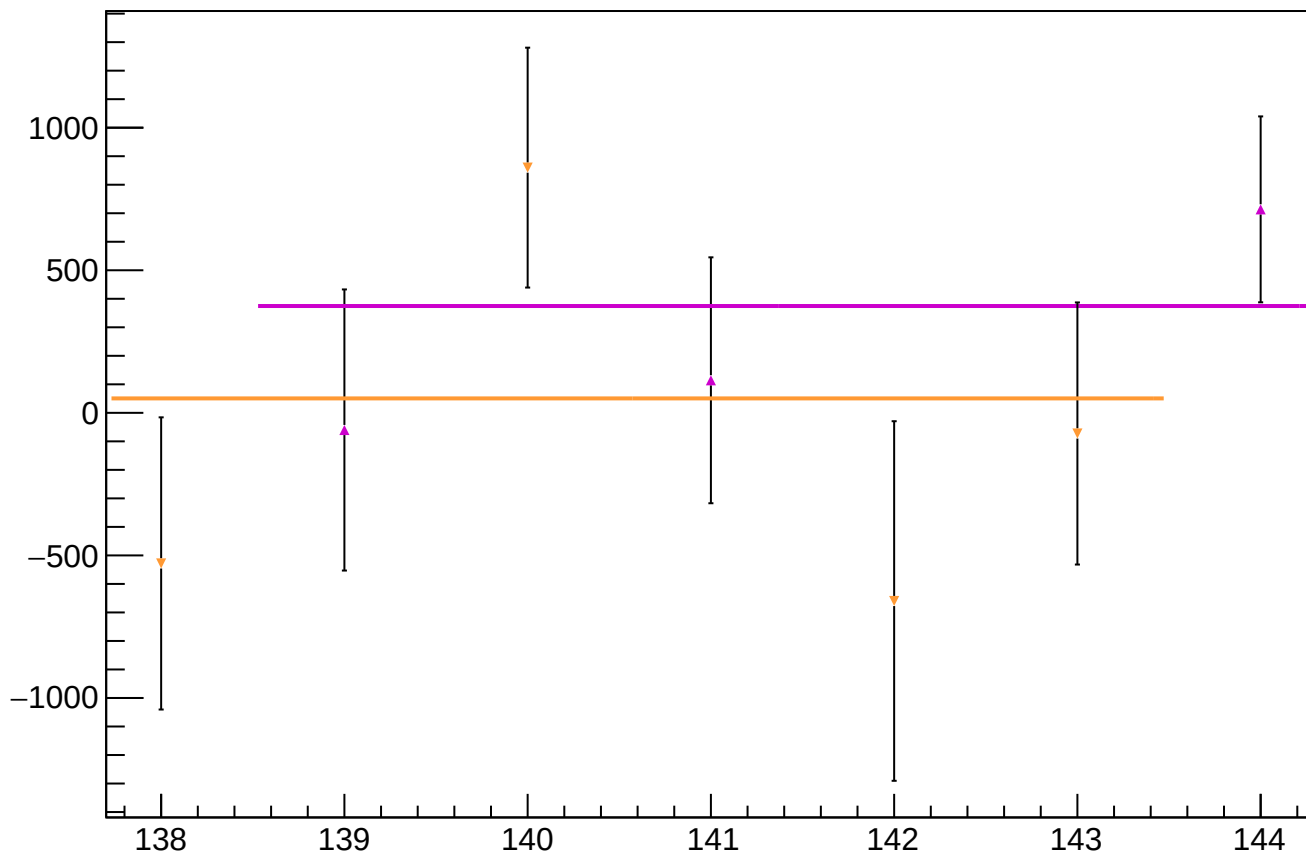
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 77.227 $\pm$ 0.018 χ^2/NDF : 624497.6/19

Out: 78.379 $\pm$ 0.018 χ^2/NDF : 811488.7/21

All: 77.812 $\pm$ 0.013 χ^2/NDF : 1437963.3/41

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: 50.609+/-244.624 χ^2/NDF : 6.3/3

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: 222.595+/-167.564 χ^2/NDF : 9.5/6

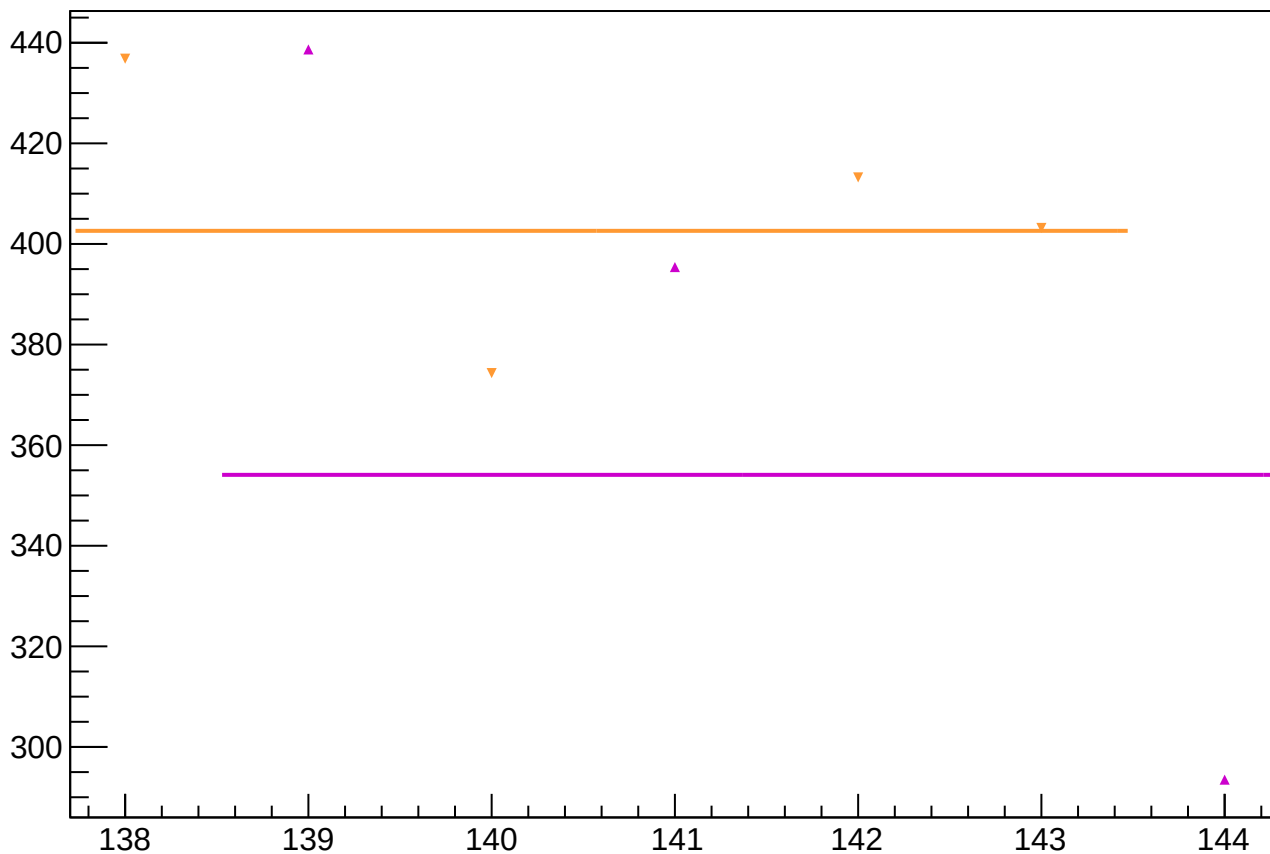
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 374.624+/-229.993 χ^2/NDF : 2.2/2

Out: 50.609+/-244.624 χ^2/NDF : 6.3/3

All: 222.595+/-167.564 χ^2/NDF : 9.5/6

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: 402.609+/-0.173 χ^2/NDF :18535.2/3

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: 376.858+/-0.118 χ^2/NDF : 206637.4/6

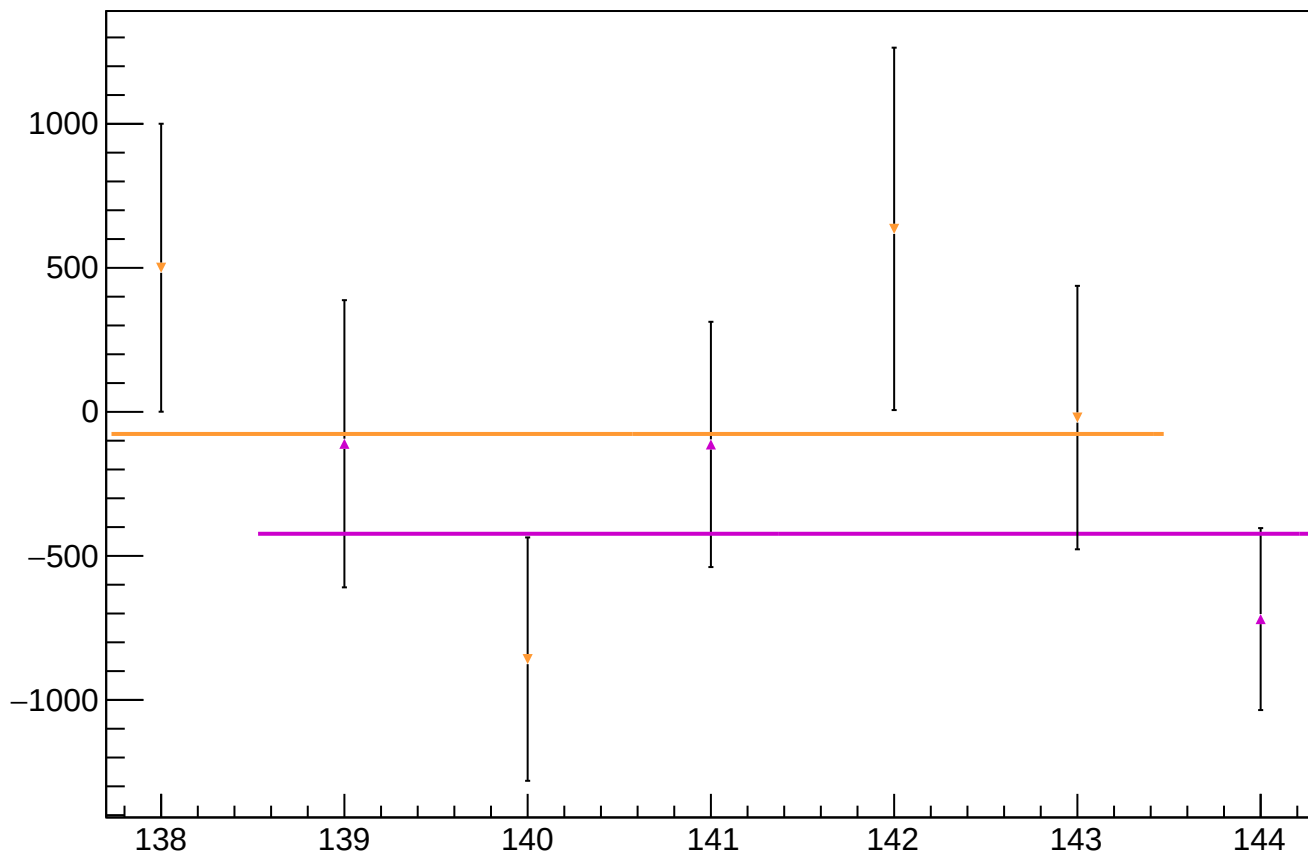
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.096+/-0.163 χ^2/NDF :146351.3/2

Out: 402.609+/-0.173 χ^2/NDF :18535.2/3

All: 376.858+/-0.118 χ^2/NDF : 206637.4/6

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -76.611+/-243.155 χ^2/NDF : 6.1/3

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: -262.473+/-165.575 χ^2/NDF : 8.9/6

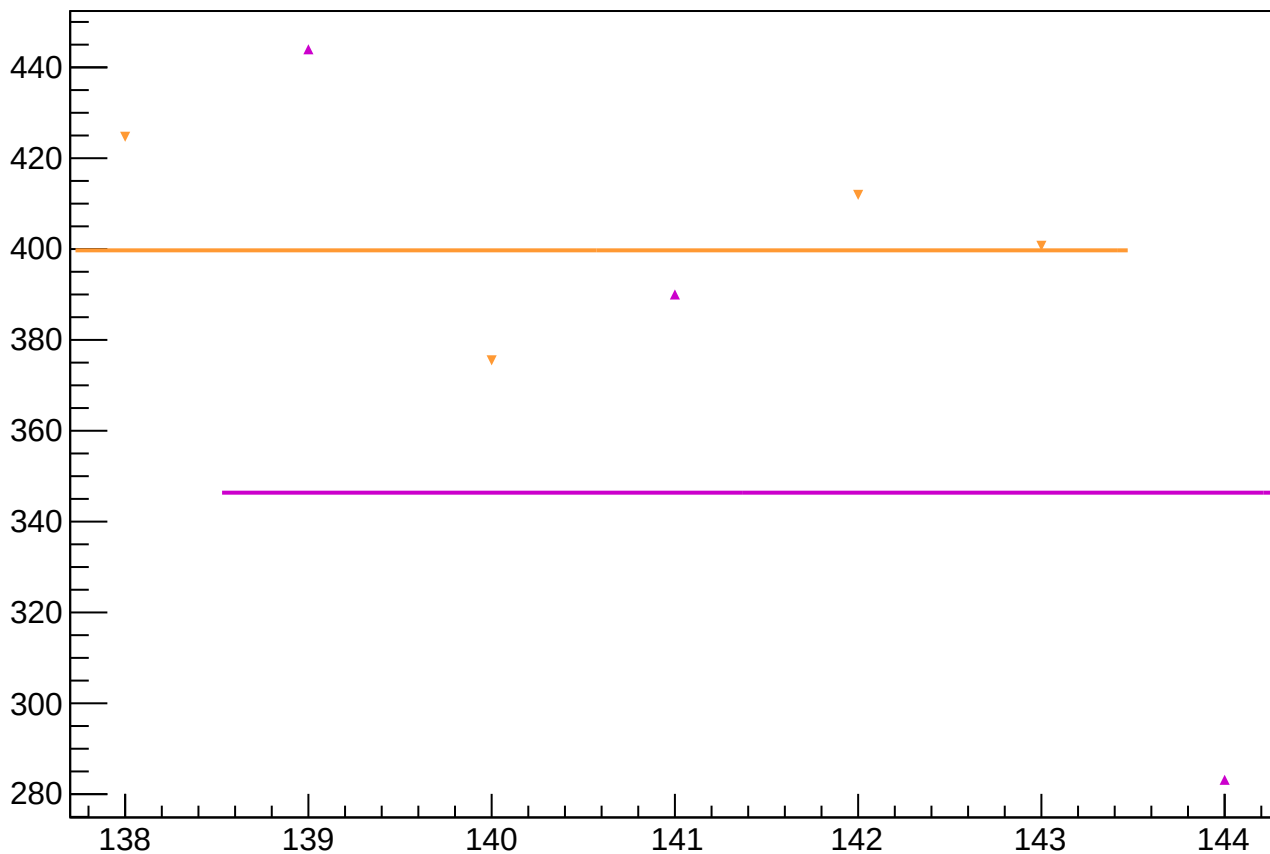
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -423.164+/-226.091 χ^2/NDF : 1.8/2

Out: -76.611+/-243.155 χ^2/NDF : 6.1/3

All: -262.473+/-165.575 χ^2/NDF : 8.9/6

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 399.719+/-0.172 χ^2/NDF :12338.3/3

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: 371.107+/-0.117 χ^2/NDF : 241739.3/6

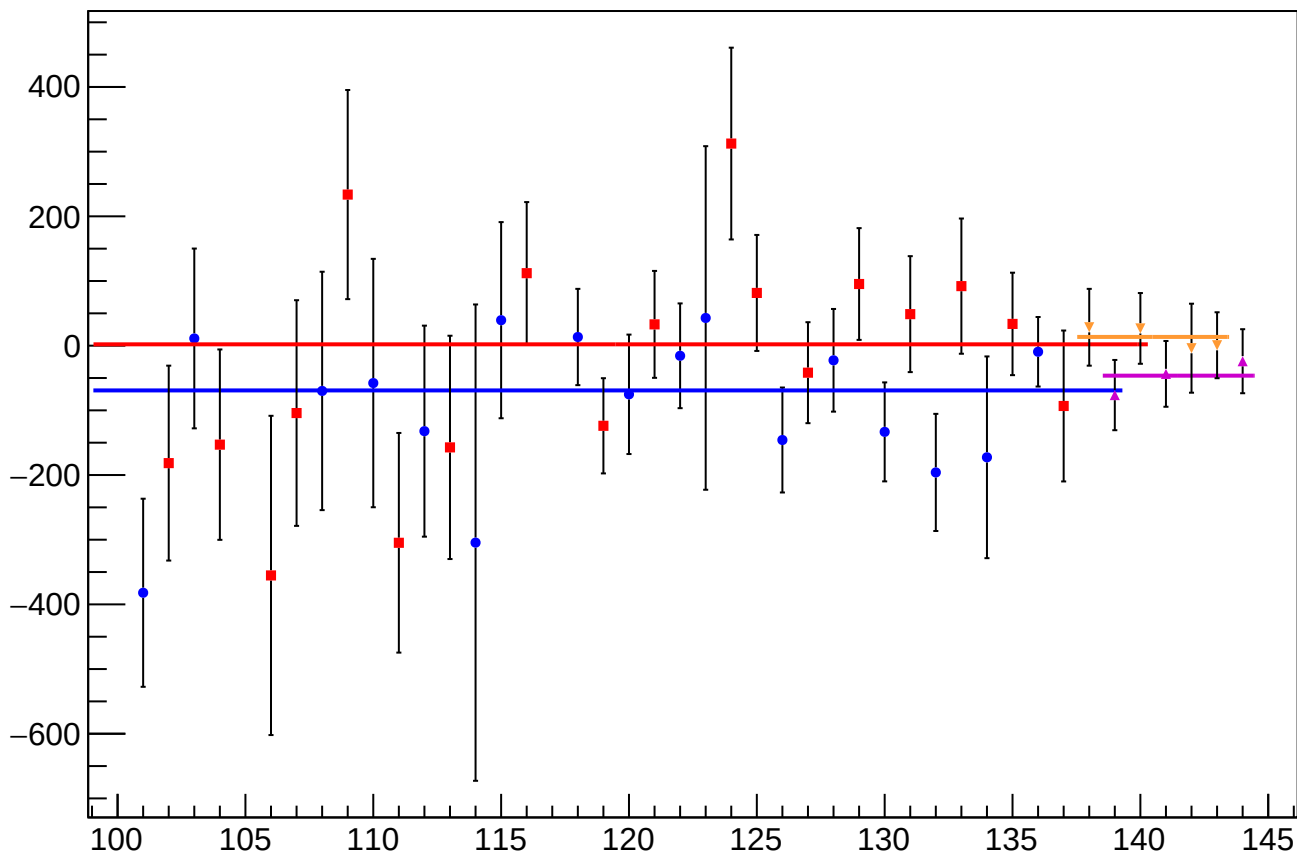
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.369+/-0.160 χ^2/NDF :177766.7/2

Out: 399.719+/-0.172 χ^2/NDF :12338.3/3

All: 371.107+/-0.117 χ^2/NDF : 241739.3/6

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 13.536 ± 28.703 χ^2/NDF : 0.2/3

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -46.366 ± 29.697 χ^2/NDF : 0.5/2

Left: -15.396 ± 20.639 χ^2/NDF : 2.9/6

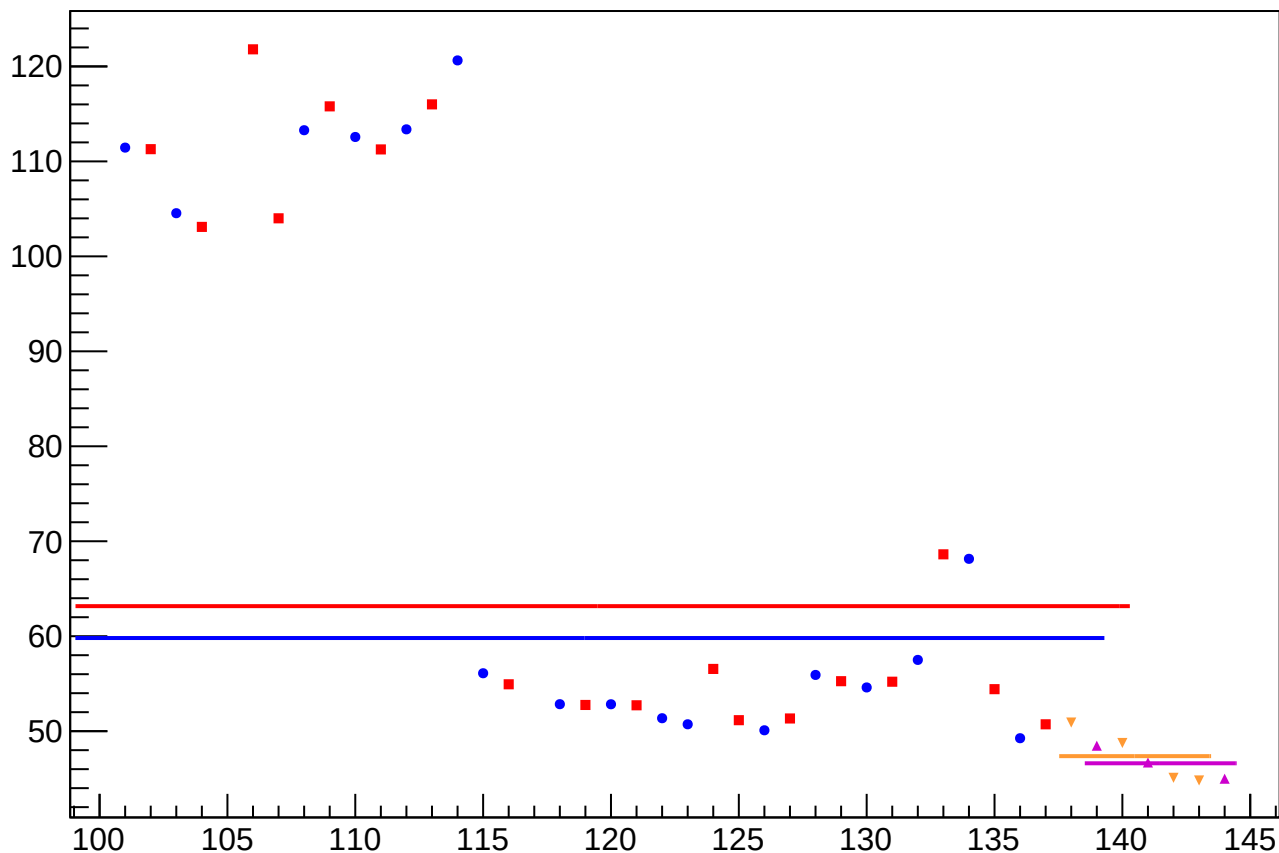
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -60.054 ± 18.788 χ^2/NDF : 14.3/19

Out: 7.065 ± 18.932 χ^2/NDF : 24.1/21

All: -26.750 ± 13.336 χ^2/NDF : 44.8/41

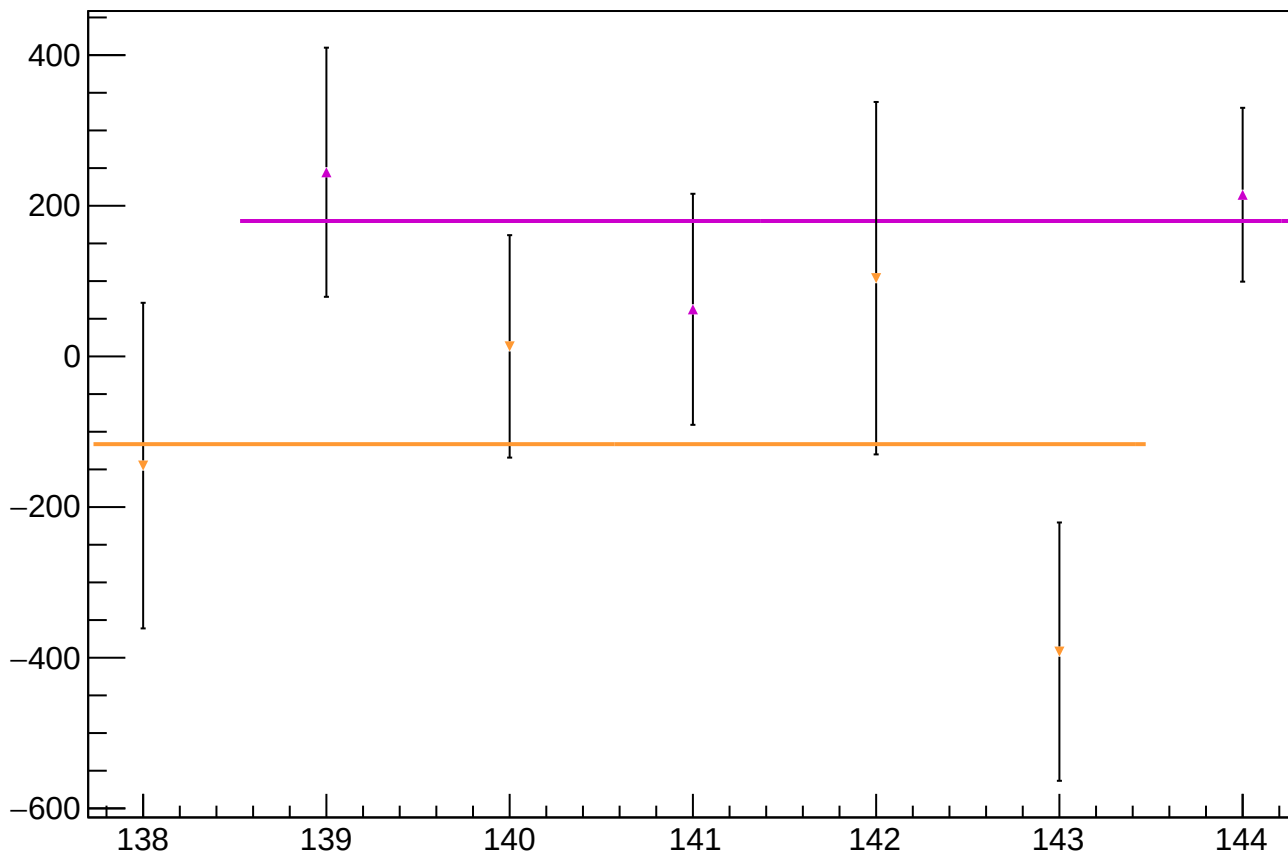
dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16
 Left Out: 47.370+/-0.020 χ^2/NDF :15627.7/3
 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: 47.007+/-0.015 χ^2/NDF : 20772.3/6
 Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34
 In: 54.529+/-0.013 χ^2/NDF :1471119.6/19
 Out: 56.294+/-0.013 χ^2/NDF :1745101.5/21
 All: 55.405+/-0.009 χ^2/NDF : 3224981.1/41

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -116.467 $\pm$ 91.454 χ^2 /NDF:4.3/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 179.780 $\pm$ 80.533 χ^2 /NDF:0.8/2

Left: 50.391 $\pm$ 60.440 χ^2 /NDF: 11.0/6

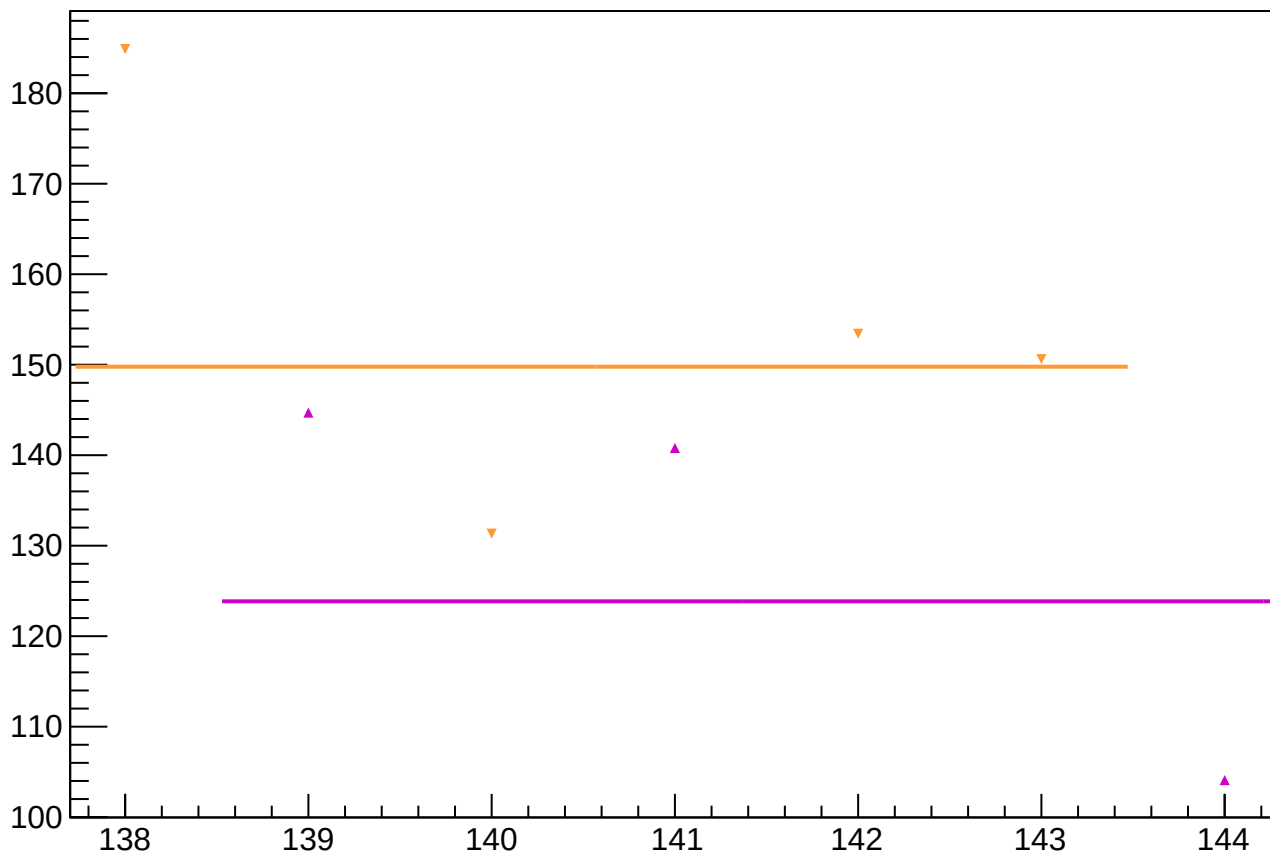
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 179.780 $\pm$ 80.533 χ^2 /NDF:0.8/2

Out: -116.467 $\pm$ 91.454 χ^2 /NDF:4.3/3

All: 50.391 $\pm$ 60.440 χ^2 /NDF: 11.0/6

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: 149.781+/-0.065 χ^2/NDF :84513.1/3

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: 135.176+/-0.043 χ^2/NDF : 289920.4/6

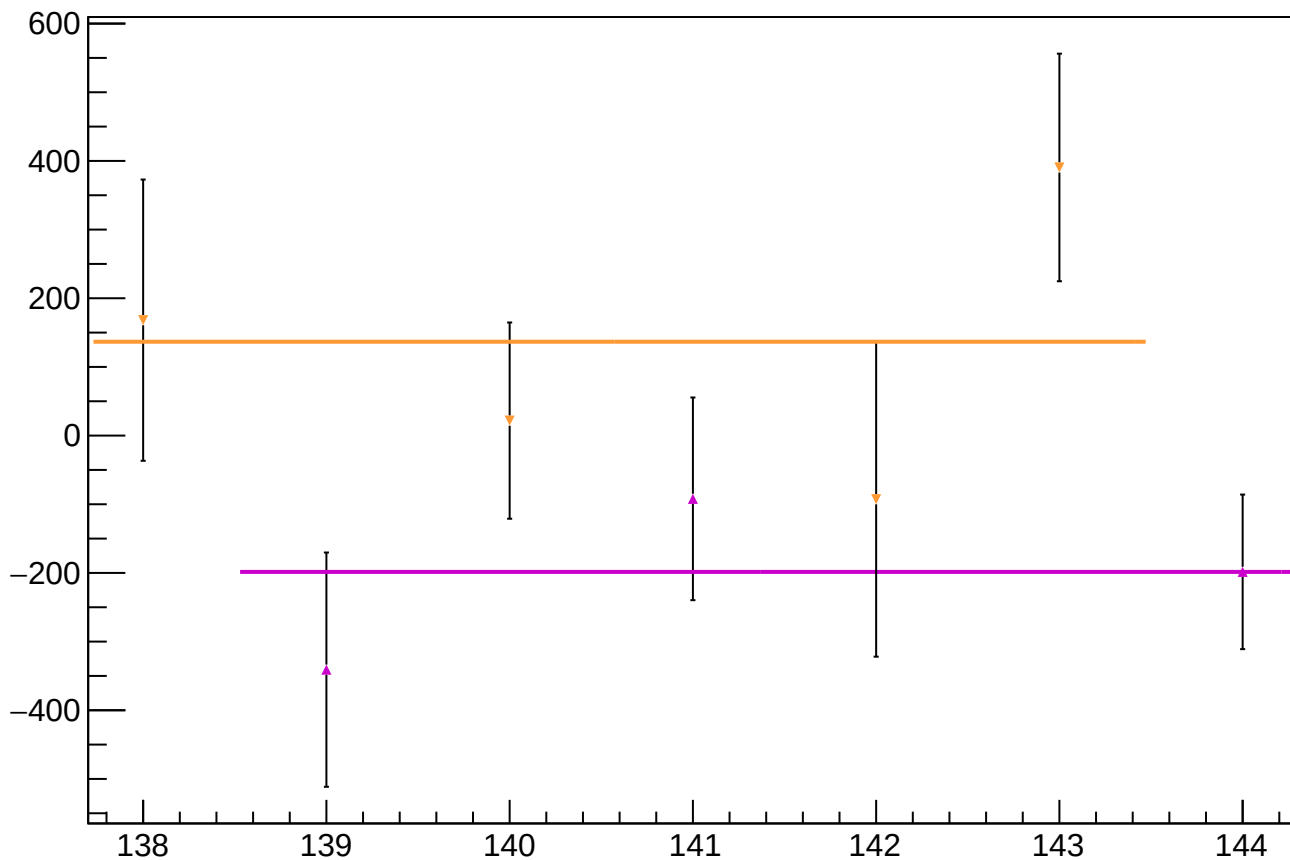
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.852+/-0.057 χ^2/NDF :114856.6/2

Out: 149.781+/-0.065 χ^2/NDF :84513.1/3

All: 135.176+/-0.043 χ^2/NDF : 289920.4/6

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 136.690+/-88.300 χ^2/NDF : 4.0/3

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: -48.962+/-58.981 χ^2/NDF : 13.2/6

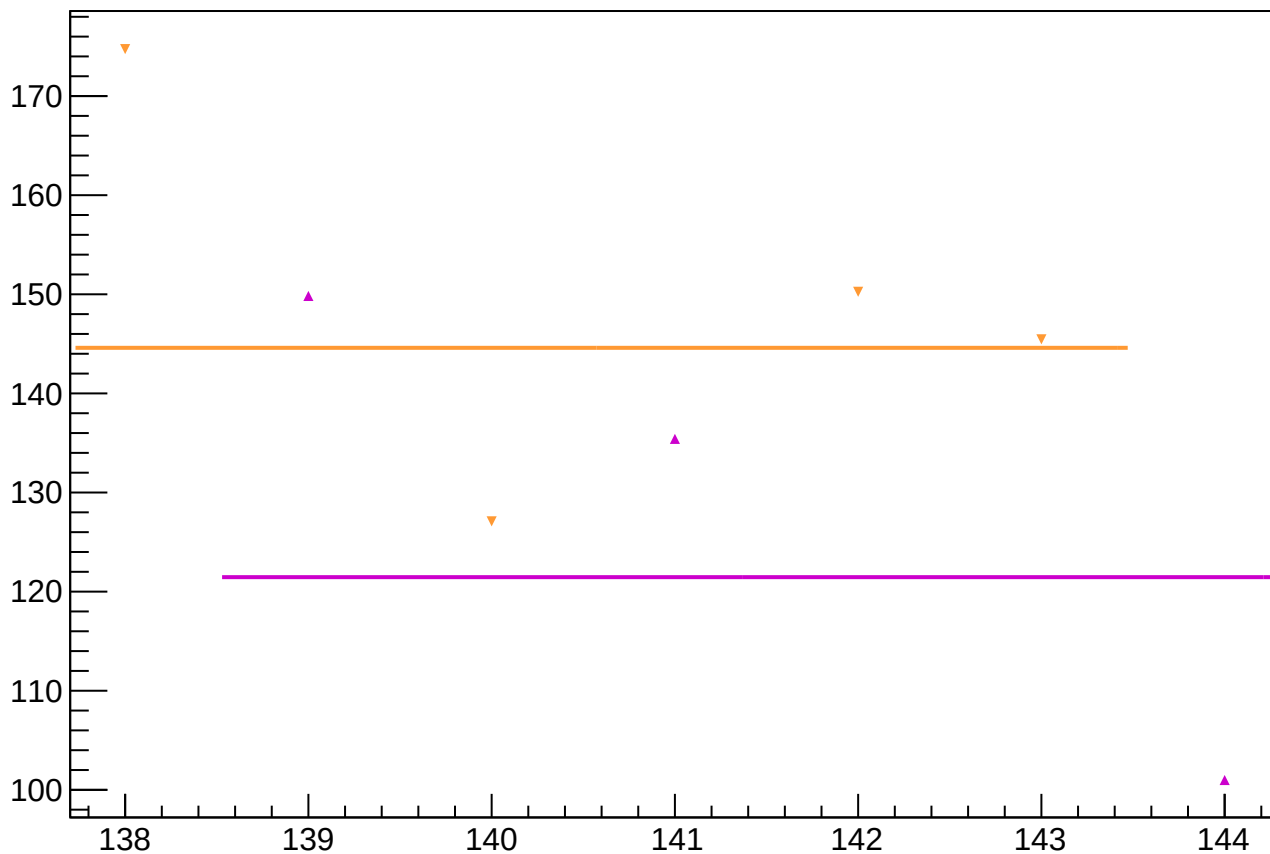
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.523+/-79.254 χ^2/NDF : 1.2/2

Out: 136.690+/-88.300 χ^2/NDF : 4.0/3

All: -48.962+/-58.981 χ^2/NDF : 13.2/6

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.600+/-0.062 χ^2/NDF : 74616.0/3

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: 131.784+/-0.042 χ^2/NDF : 290018.3/6

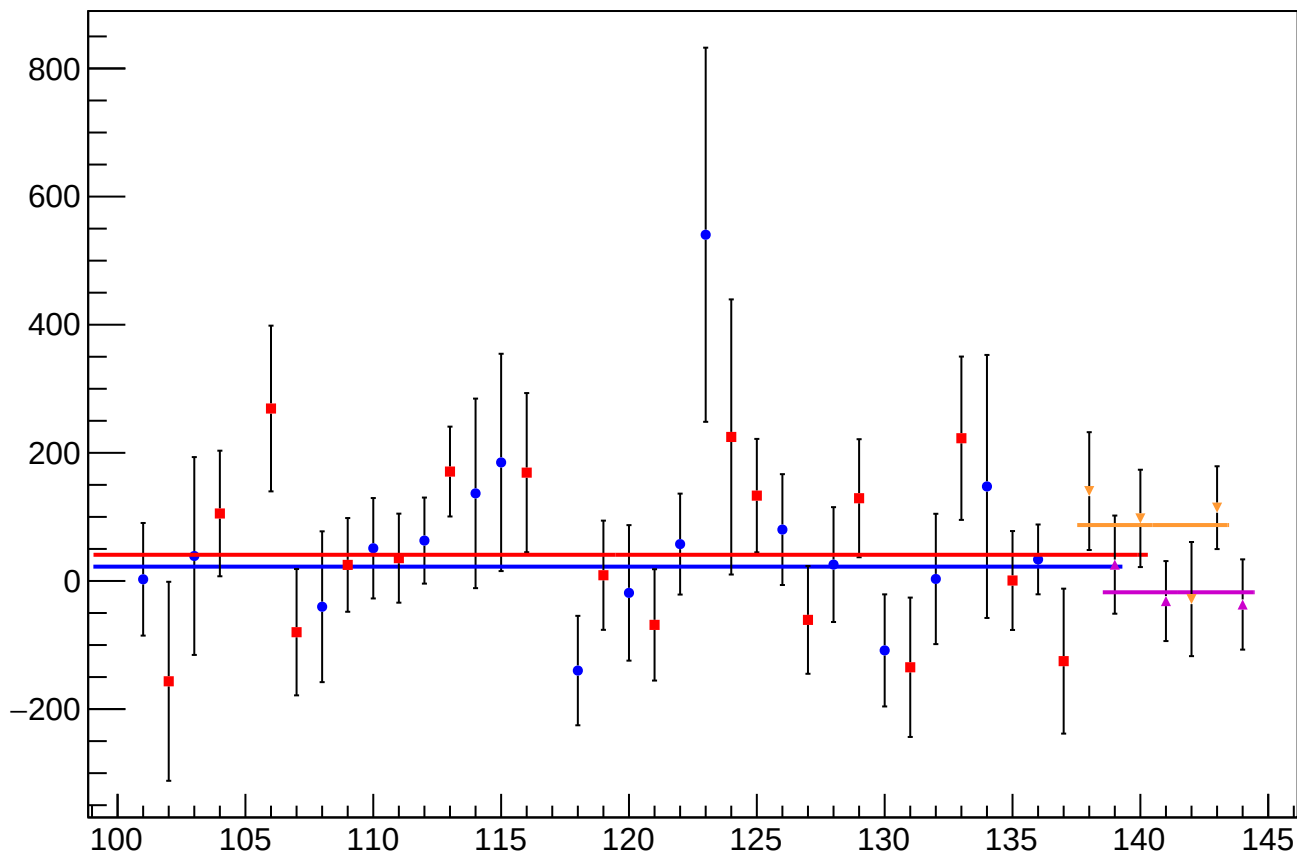
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Out: 144.600+/-0.062 χ^2/NDF : 74616.0/3

All: 131.784+/-0.042 χ^2/NDF : 290018.3/6

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: 87.278 $\pm$ 39.017 χ^2/NDF : 2.2/3

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: 35.962 $\pm$ 27.892 χ^2/NDF : 6.2/6

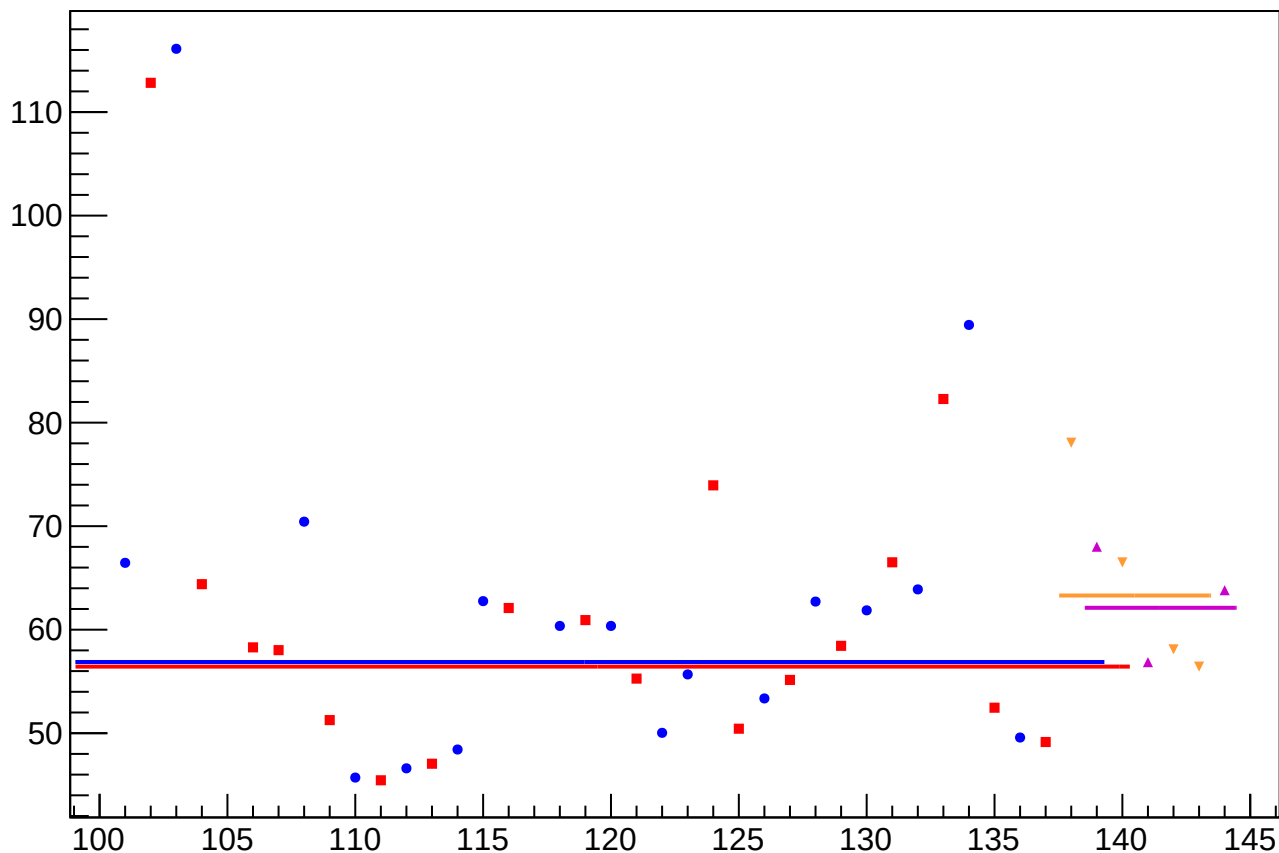
Right: 31.816 $\pm$ 15.823 χ^2/NDF : 37.1/34

In: 12.617 $\pm$ 19.679 χ^2/NDF : 13.8/19

Out: 52.168 $\pm$ 19.253 χ^2/NDF : 27.5/21

All: 32.826 $\pm$ 13.762 χ^2/NDF : 43.4/41

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 63.301+/-0.028 χ^2/NDF : 84462.4/3

Right Out: 56.434+/-0.016 χ^2/NDF : 520456.9/17

Left In: 62.115+/-0.028 χ^2/NDF : 27187.0/2

Left: 62.721+/-0.020 χ^2/NDF : 112553.3/6

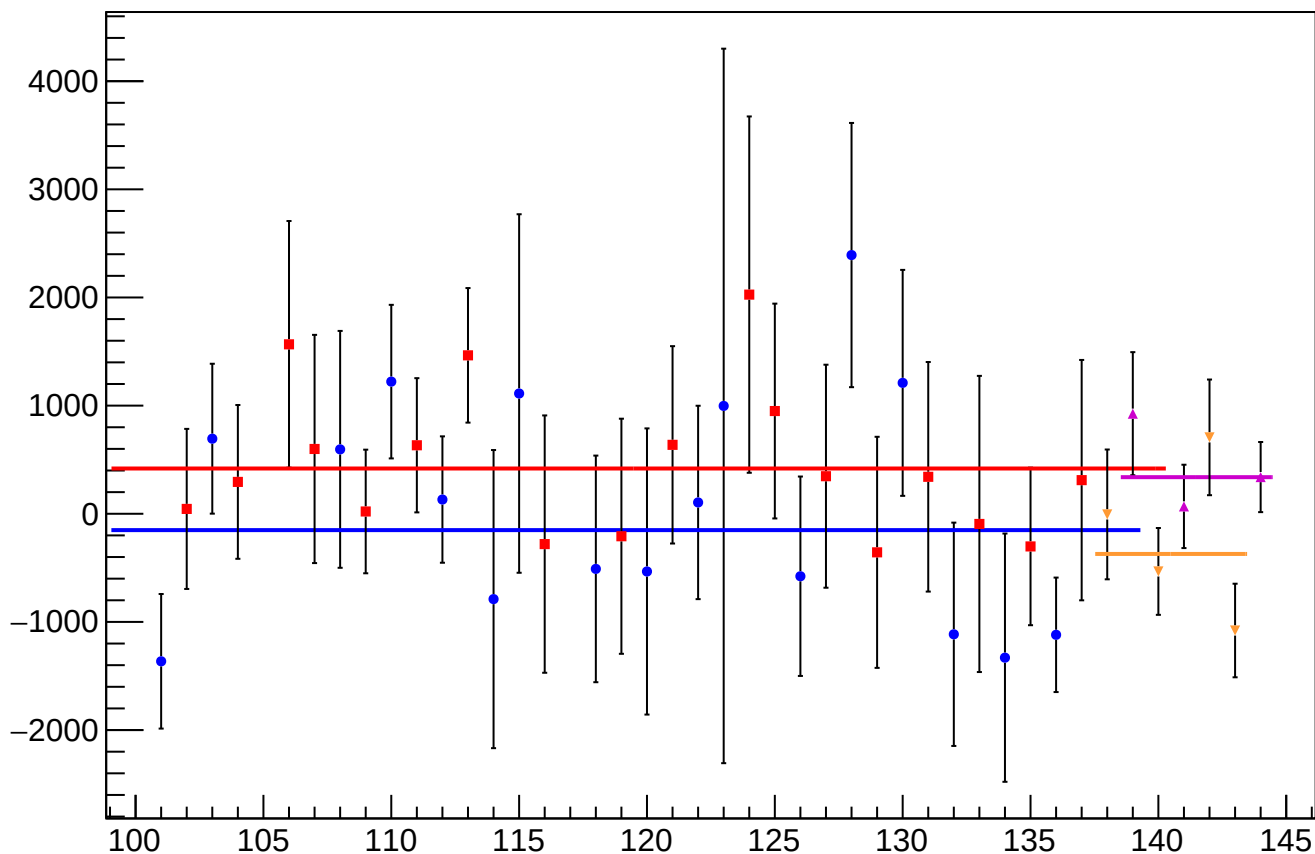
Right: 56.652+/-0.011 χ^2/NDF : 1096338.8/34

In: 58.153+/-0.014 χ^2/NDF : 628753.4/19

Out: 58.106+/-0.014 χ^2/NDF : 651790.9/21

All: 58.129+/-0.010 χ^2/NDF : 1280550.1/41

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -371.516 $\pm$ 236.887 χ^2 /NDF:7.3/3

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 338.445 $\pm$ 227.413 χ^2 /NDF:1.6/2

Left: -2.055 $\pm$ 164.053 χ^2 /NDF: 13.5/6

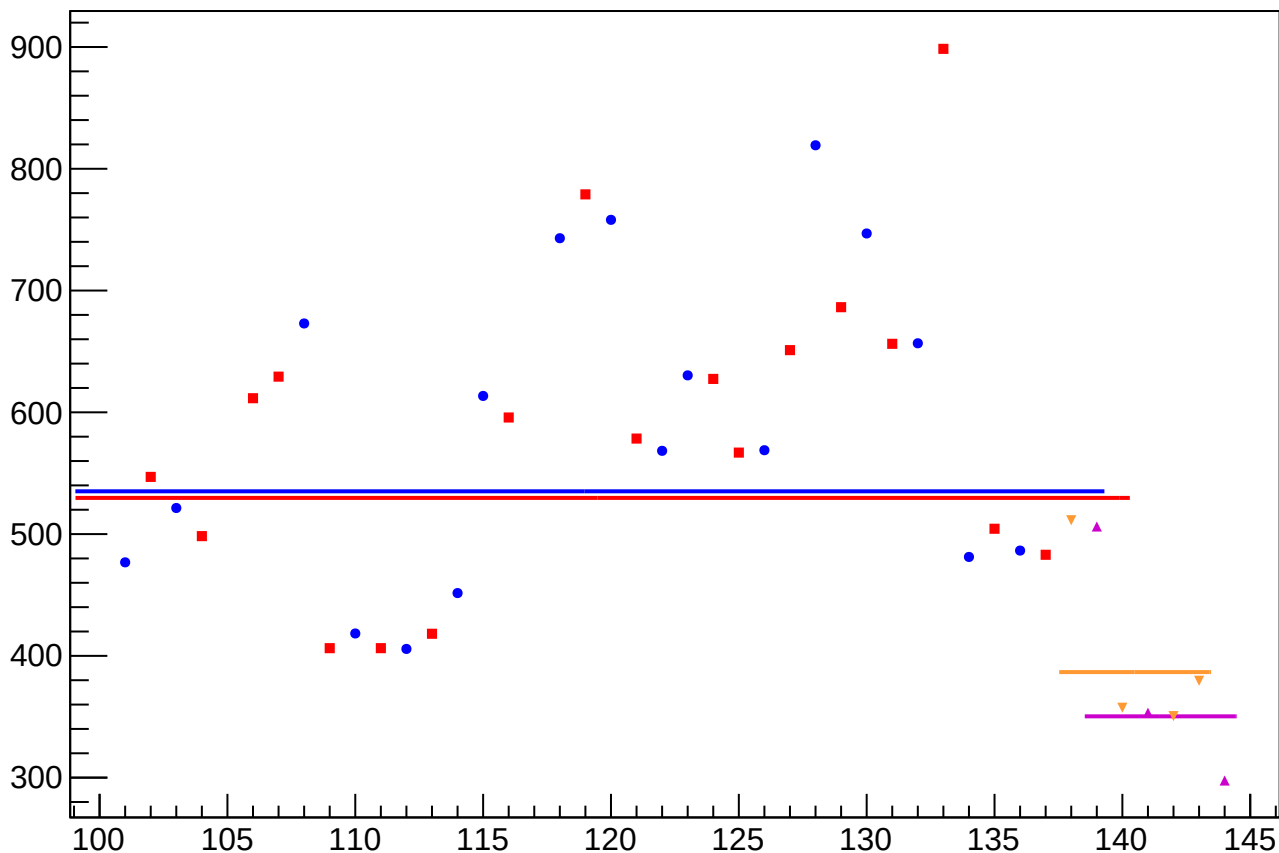
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 76.986 $\pm$ 155.245 χ^2 /NDF:26.5/19

Out: 80.121 $\pm$ 155.041 χ^2 /NDF:22.0/21

All: 78.555 $\pm$ 109.702 χ^2 /NDF: 48.5/41

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: 386.687 $\pm$ 0.168 χ^2 /NDF:106668.7/3

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: 367.771 $\pm$ 0.116 χ^2 /NDF: 334244.9/6

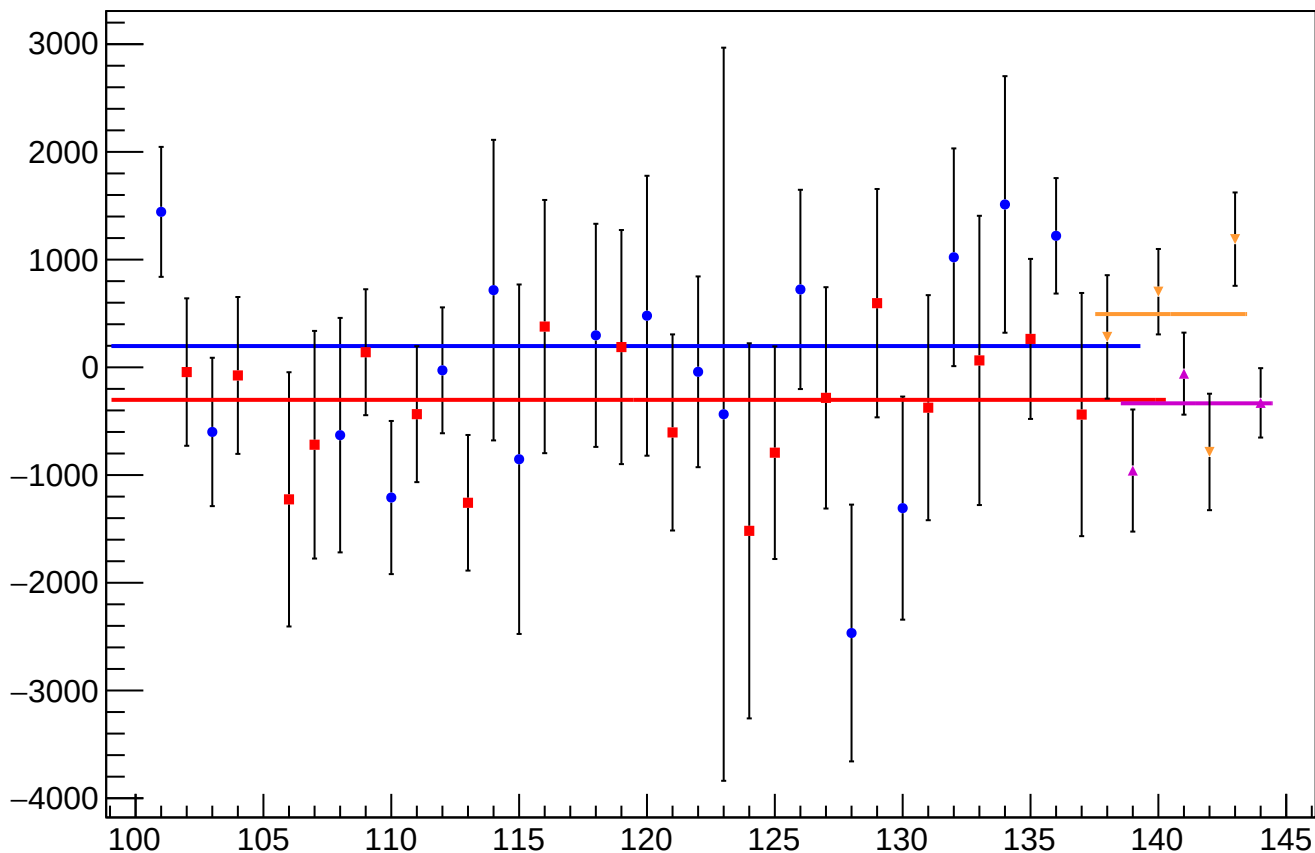
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 449.018 $\pm$ 0.110 χ^2 /NDF:1504377.9/19

Out: 468.450 $\pm$ 0.110 χ^2 /NDF:1170205.8/21

All: 458.747 $\pm$ 0.078 χ^2 /NDF: 2690272.6/41

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 494.473 $\pm$ 234.711 χ^2 /NDF:8.6/3

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: 63.833 $\pm$ 162.652 χ^2 /NDF: 16.8/6

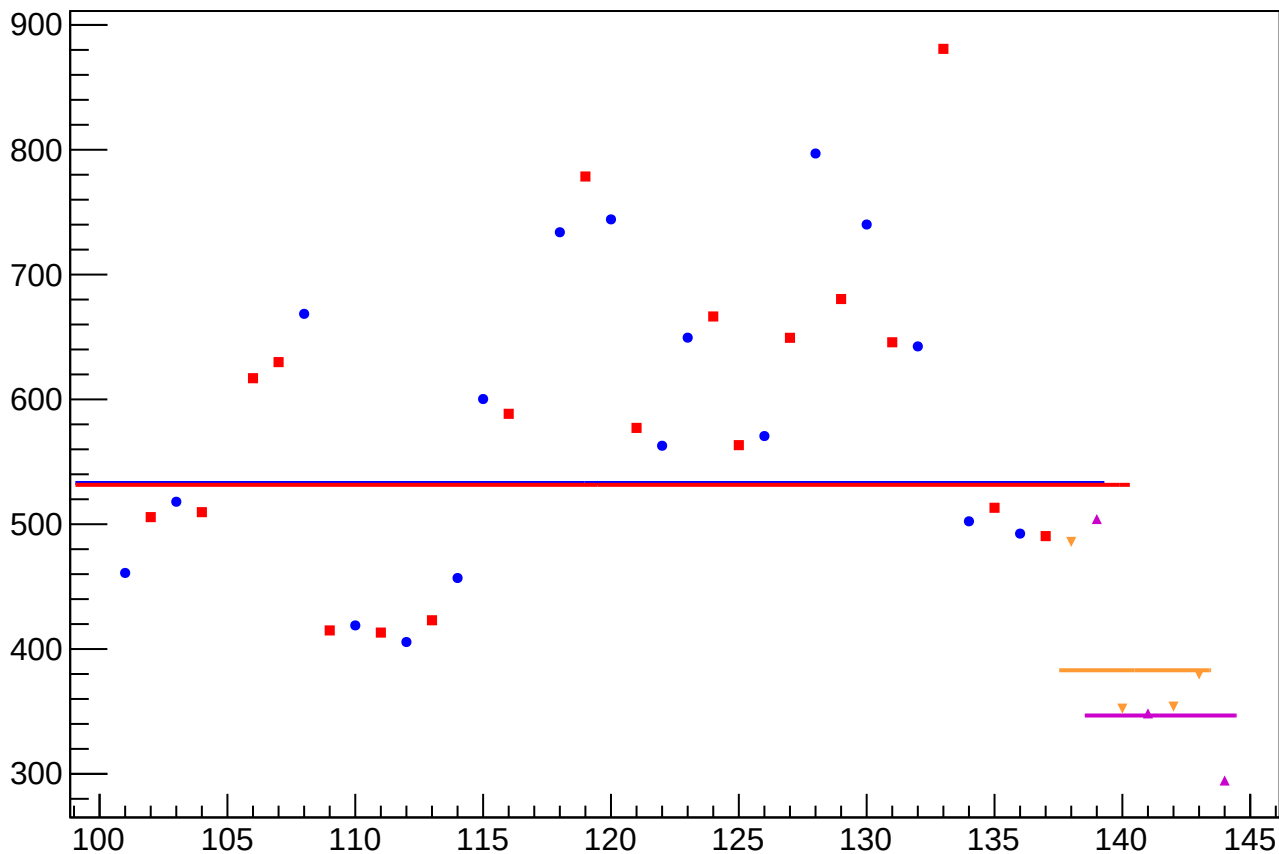
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -51.080 $\pm$ 154.292 χ^2 /NDF:28.6/19

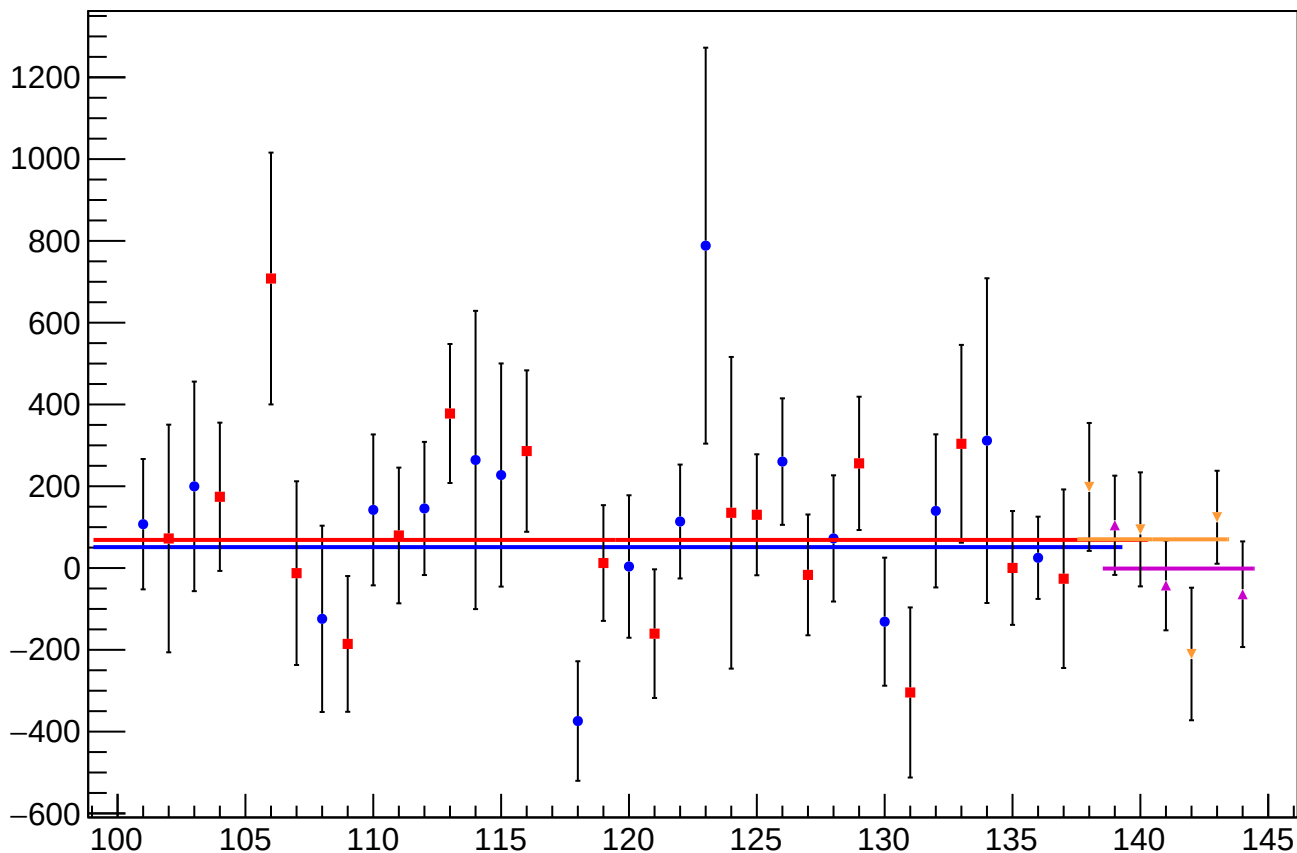
Out: 44.079 $\pm$ 154.698 χ^2 /NDF:21.8/21

All: -3.625 $\pm$ 109.244 χ^2 /NDF: 50.6/41

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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: 70.224 $\pm$ 69.374 χ^2 /NDF:3.9/3

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: 34.222 $\pm$ 48.877 χ^2 /NDF: 5.6/6

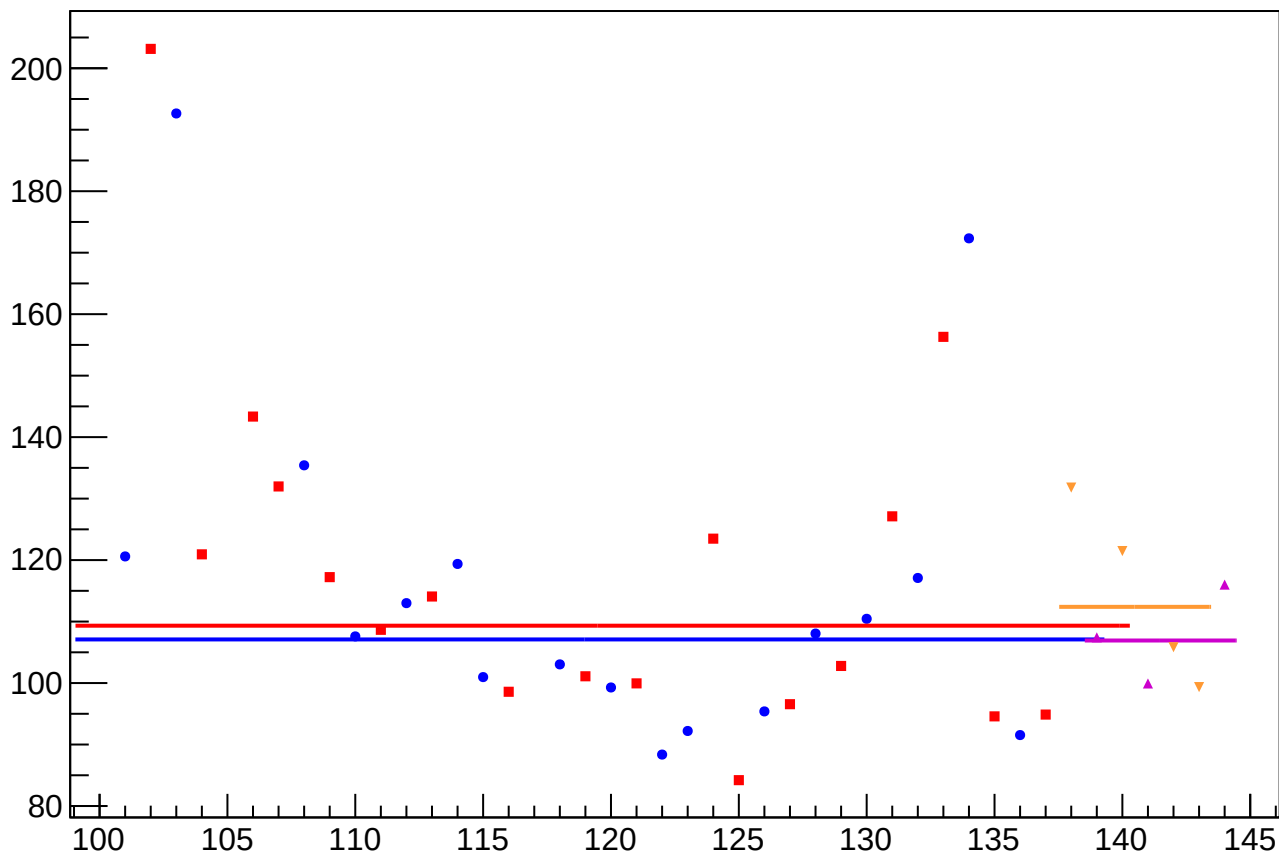
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 36.749 $\pm$ 36.116 χ^2 /NDF:18.9/19

Out: 69.177 $\pm$ 36.428 χ^2 /NDF:24.3/21

All: 52.824 $\pm$ 25.647 χ^2 /NDF: 43.6/41

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: 112.394 $\pm$ 0.049 χ^2 /NDF:68893.3/3

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: 109.637 $\pm$ 0.035 χ^2 /NDF: 93211.4/6

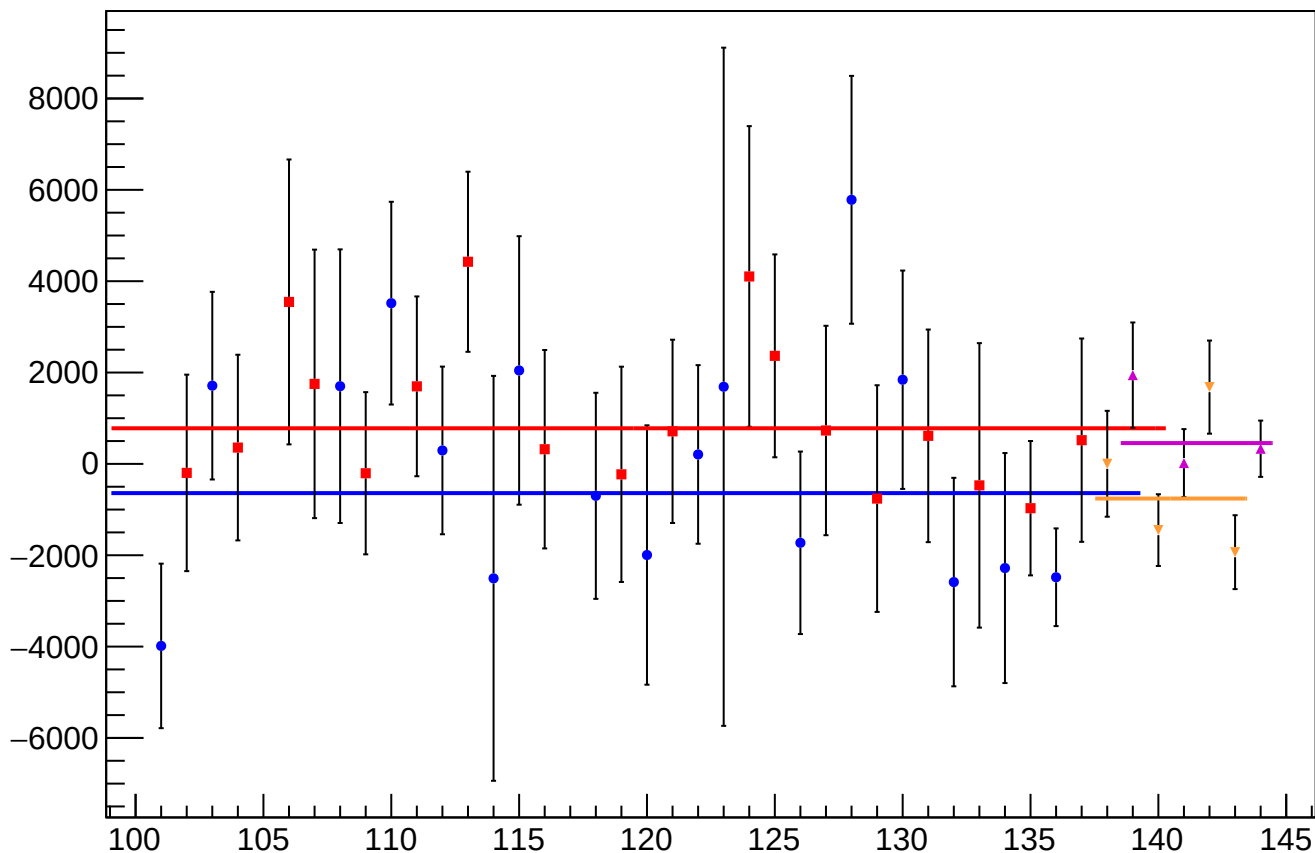
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 107.046 $\pm$ 0.026 χ^2 /NDF:455810.5/19

Out: 110.174 $\pm$ 0.026 χ^2 /NDF:577745.0/21

All: 108.597 $\pm$ 0.018 χ^2 /NDF: 1040994.1/41

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -758.455+/-453.801 χ^2/NDF : 9.0/3

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: -130.628+/-315.387 χ^2/NDF : 14.8/6

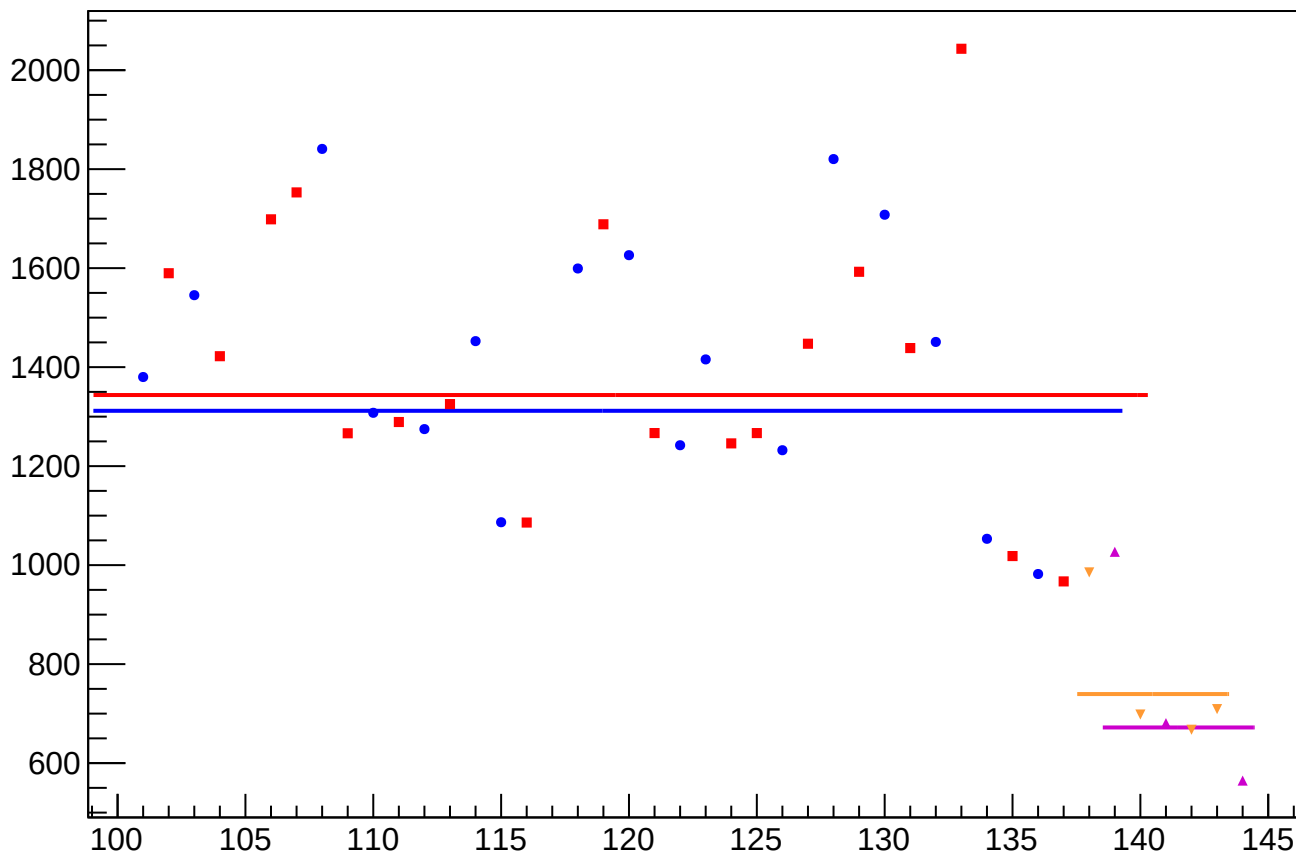
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: -0.385+/-335.079 χ^2/NDF : 26.4/19

Out: -88.393+/-340.895 χ^2/NDF : 22.9/21

All: -43.632+/-238.967 χ^2/NDF : 49.3/41

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 739.527+/-0.321 χ^2/NDF :108280.1/3

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: 704.626+/-0.223 χ^2/NDF : 381703.7/6

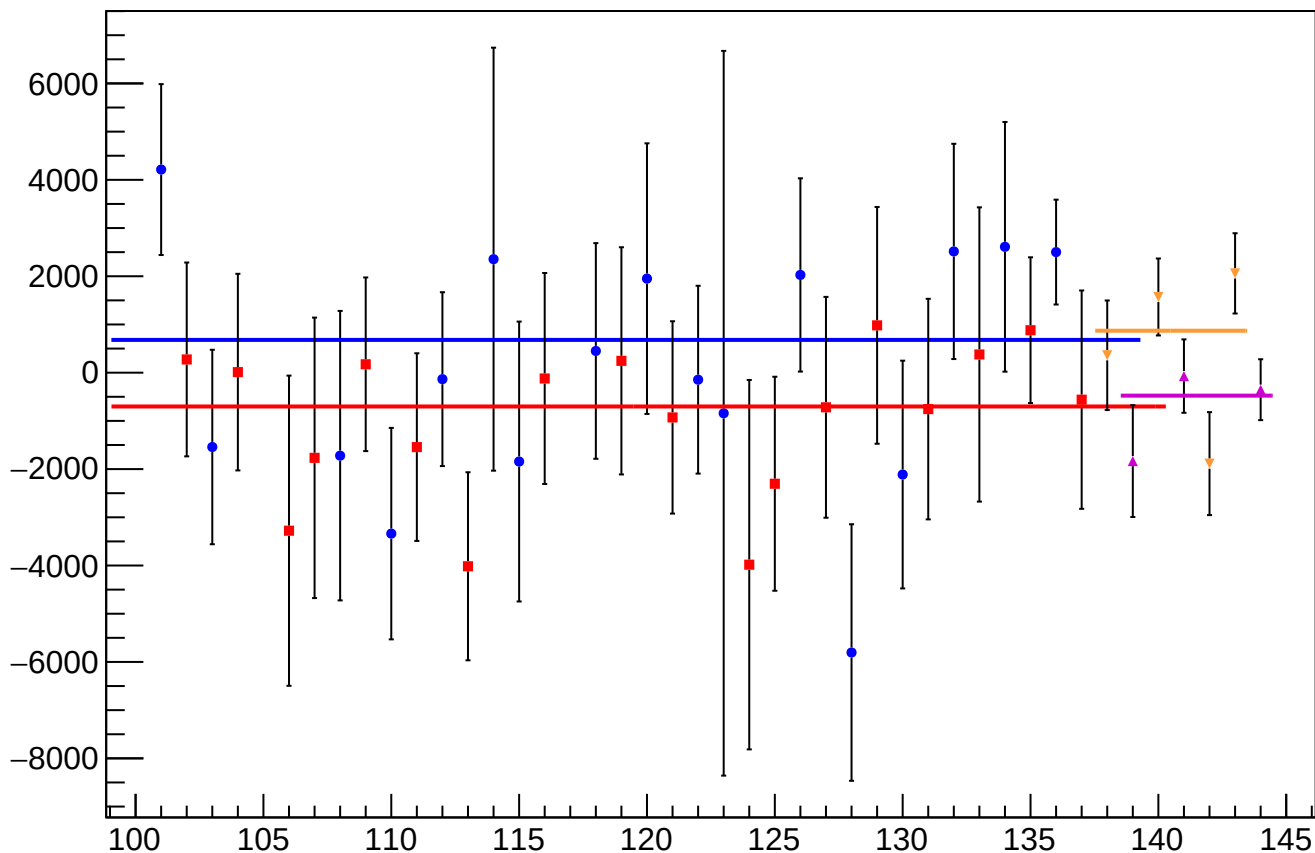
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 938.443+/-0.237 χ^2/NDF :2535066.5/19

Out: 1002.746+/-0.241 χ^2/NDF :2113649.7/21

All: 970.041+/-0.169 χ^2/NDF : 4684909.4/41

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 870.961 $\pm$ 463.082 χ^2 /NDF:9.7/3

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -476.331 $\pm$ 448.321 χ^2 /NDF:1.7/2

Left: 175.499 $\pm$ 322.103 χ^2 /NDF: 15.7/6

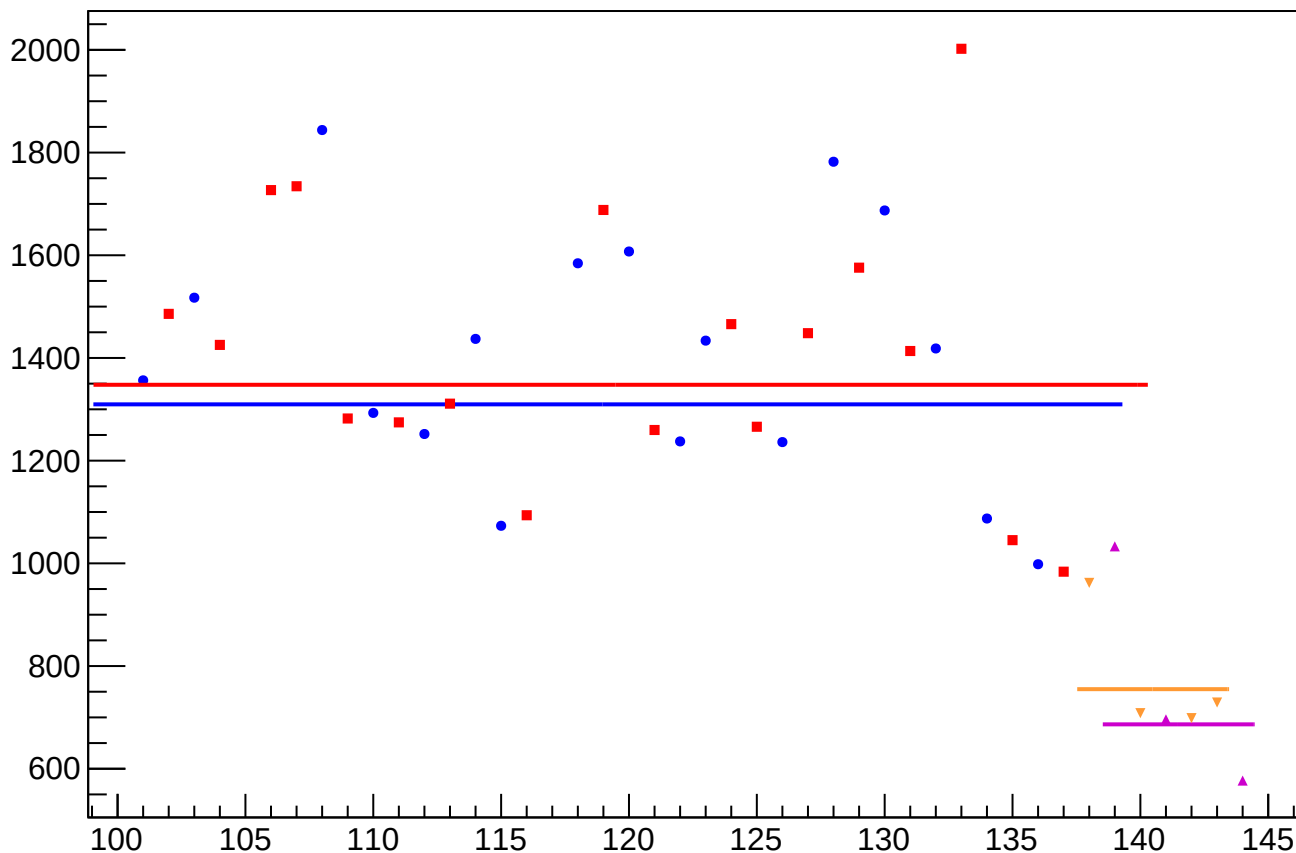
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 19.392 $\pm$ 338.851 χ^2 /NDF:27.1/19

Out: 171.709 $\pm$ 345.036 χ^2 /NDF:22.4/21

All: 94.173 $\pm$ 241.761 χ^2 /NDF: 49.6/41

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 754.990+/-0.327 χ^2/NDF : 80755.9/3

Right Out: 1347.768+/-0.366 χ^2/NDF : 405345.0/17

Left In: 686.457+/-0.317 χ^2/NDF : 239061.1/2

Left: 719.614+/-0.228 χ^2/NDF : 342428.0/6

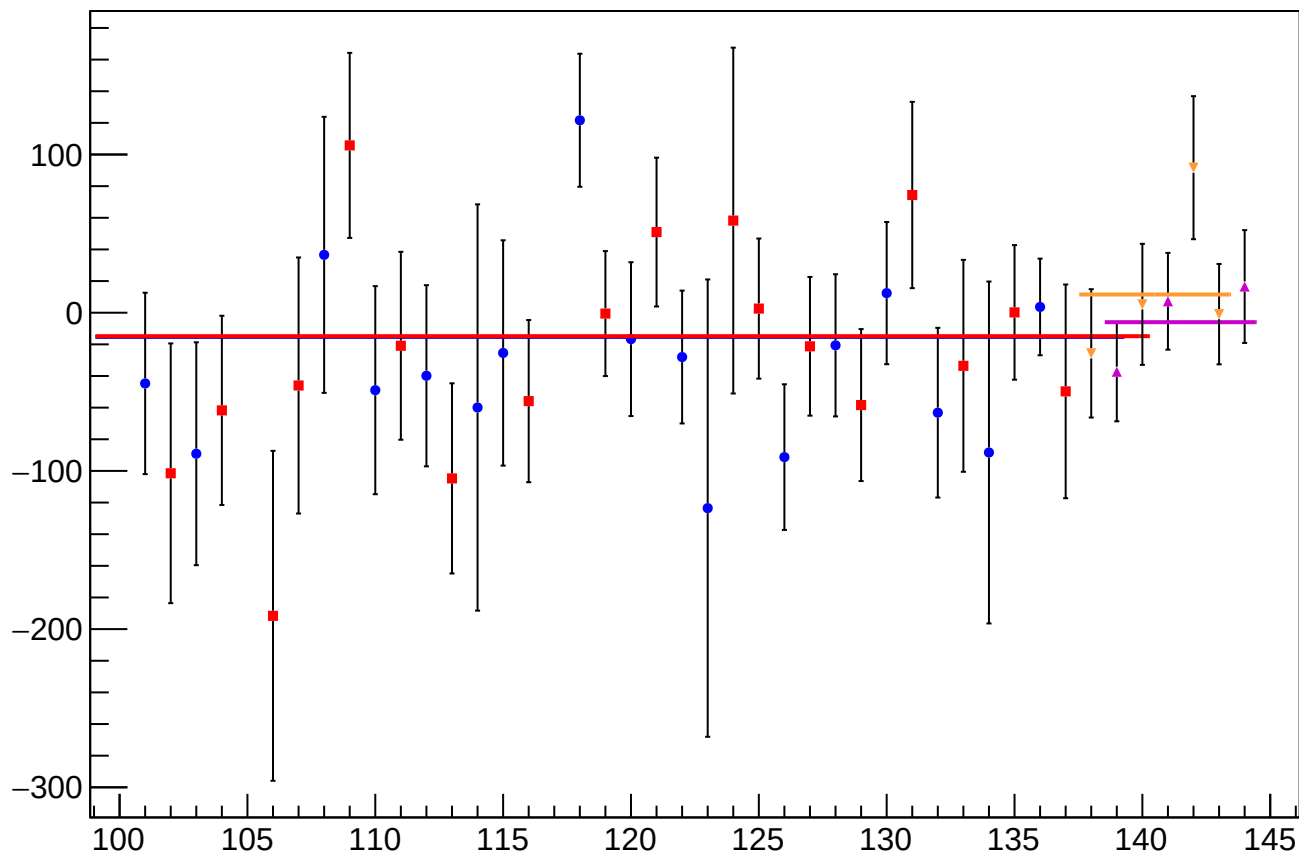
Right: 1328.718+/-0.259 χ^2/NDF : 870085.9/34

In: 953.641+/-0.240 χ^2/NDF : 2355241.6/19

Out: 1018.686+/-0.244 χ^2/NDF : 1943936.7/21

All: 985.575+/-0.171 χ^2/NDF : 4335359.1/41

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: 11.521 ± 18.986 χ^2/NDF : 4.2/3

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: 2.615 ± 13.307 χ^2/NDF : 6.2/6

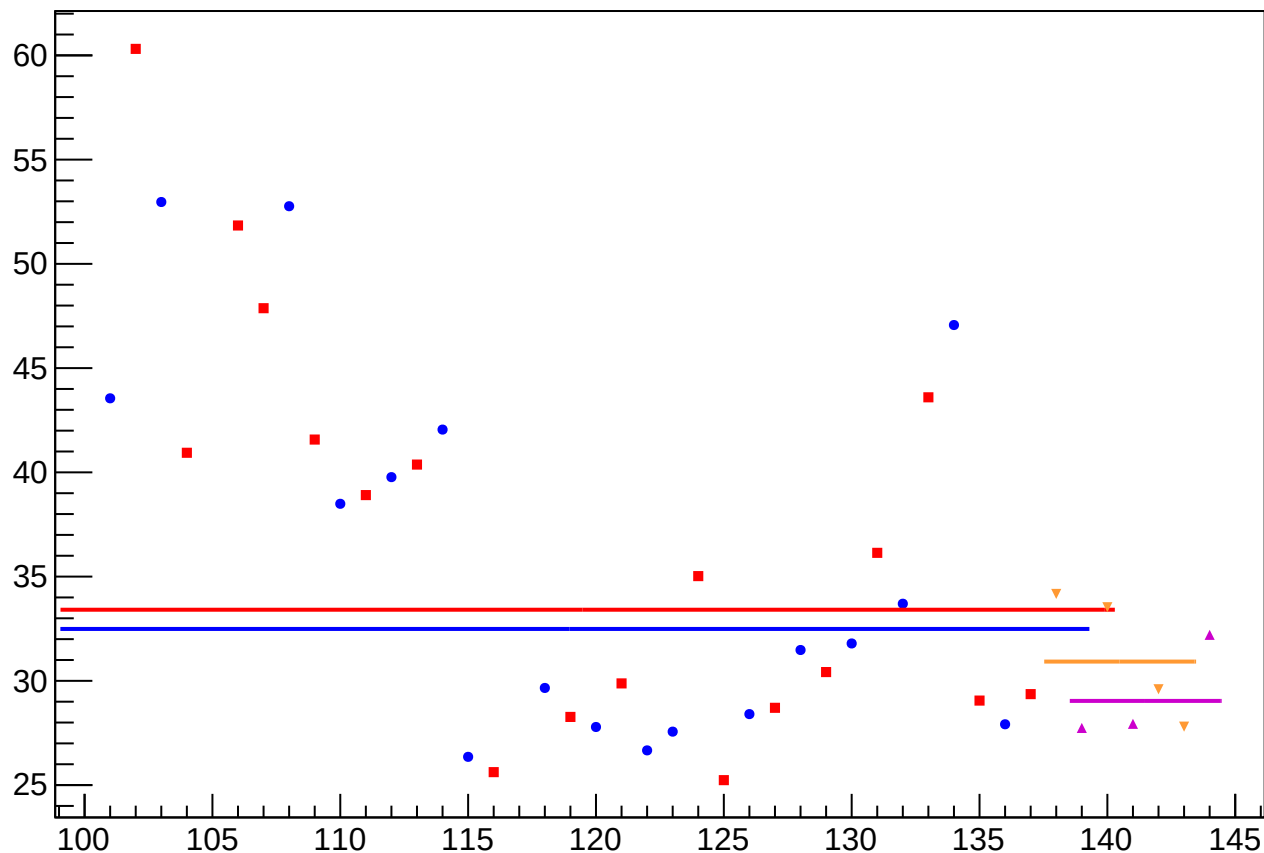
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -12.272 ± 10.615 χ^2/NDF : 20.1/19

Out: -6.339 ± 10.781 χ^2/NDF : 23.7/21

All: -9.352 ± 7.564 χ^2/NDF : 43.9/41

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: 30.924 $\pm$ 0.013 χ^2 /NDF: 43162.1/3

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: 29.964 $\pm$ 0.009 χ^2 /NDF: 75004.7/6

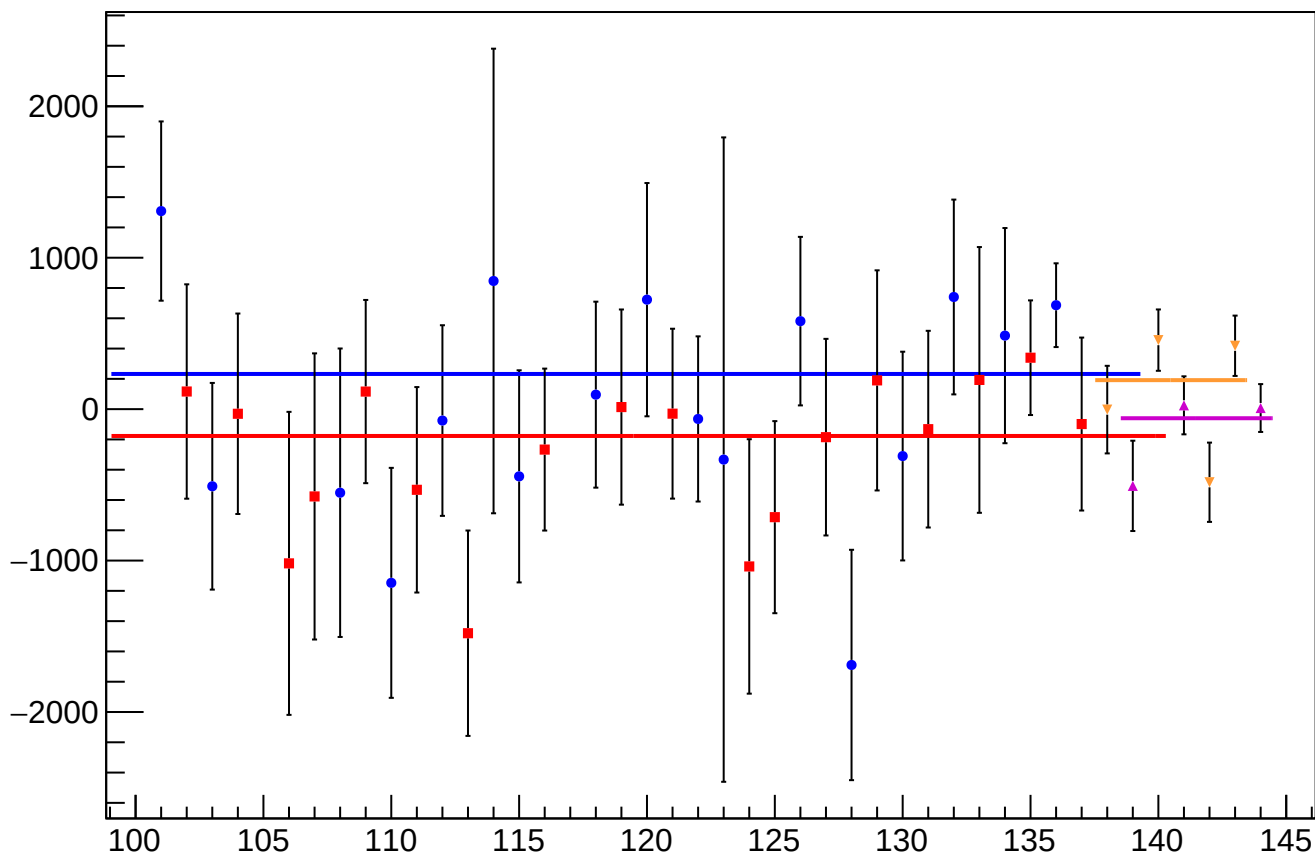
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 31.372 $\pm$ 0.008 χ^2 /NDF: 662567.8/19

Out: 32.609 $\pm$ 0.008 χ^2 /NDF: 791607.8/21

All: 31.981 $\pm$ 0.005 χ^2 /NDF: 1467546.6/41

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: 191.487 $\pm$ 114.619 χ^2 /NDF:10.1/3

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: 63.752 $\pm$ 80.409 χ^2 /NDF: 15.2/6

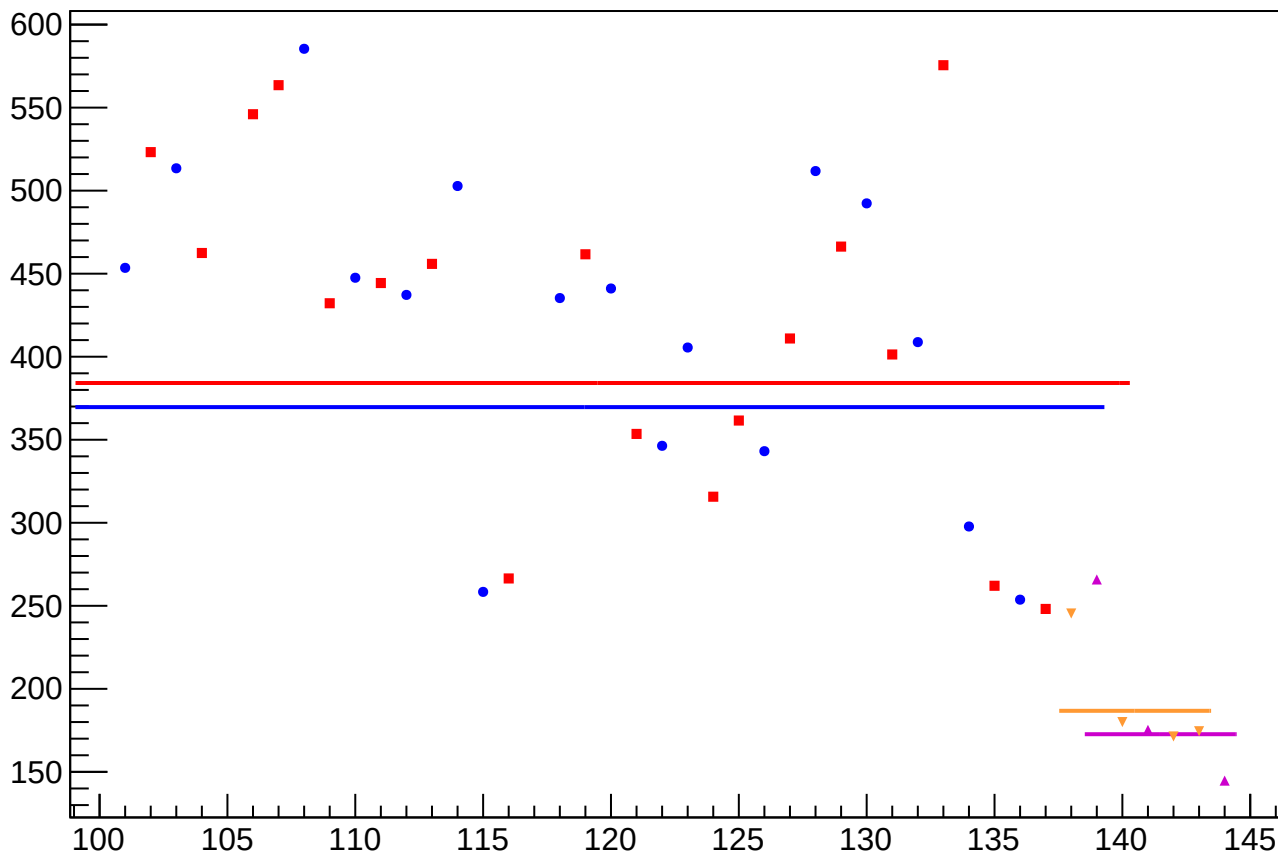
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 46.878 $\pm$ 89.865 χ^2 /NDF:26.5/19

Out: 55.595 $\pm$ 91.074 χ^2 /NDF:23.5/21

All: 51.179 $\pm$ 63.967 χ^2 /NDF: 50.0/41

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: 186.769 $\pm$ 0.081 χ^2 /NDF: 98967.5/3

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: 179.615 $\pm$ 0.057 χ^2 /NDF: 372540.3/6

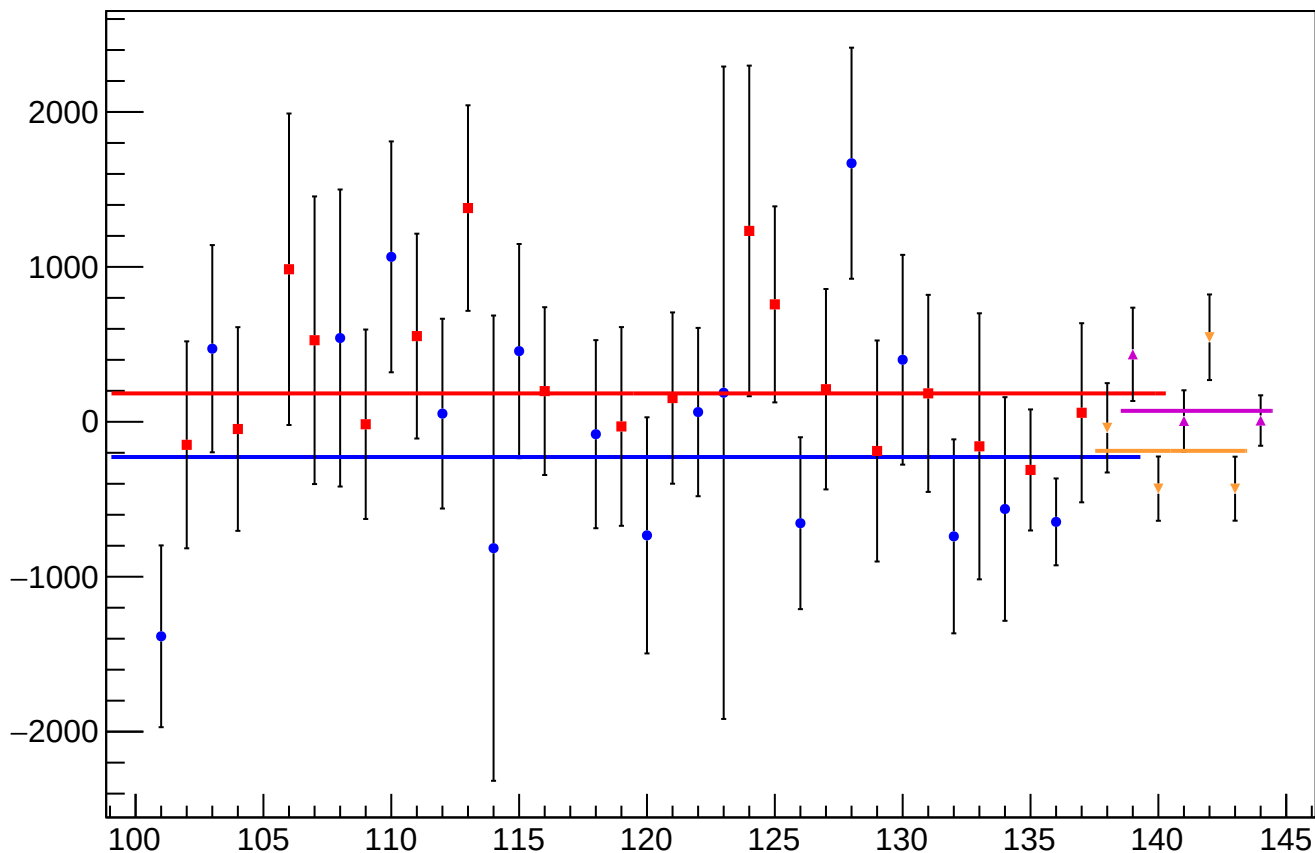
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 244.709 $\pm$ 0.064 χ^2 /NDF: 3389705.2/19

Out: 259.537 $\pm$ 0.064 χ^2 /NDF: 3160808.8/21

All: 252.024 $\pm$ 0.045 χ^2 /NDF: 6577379.4/41

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -187.435+/-118.025 χ^2/NDF :10.1/3

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: -56.146+/-82.743 χ^2/NDF : 14.2/6

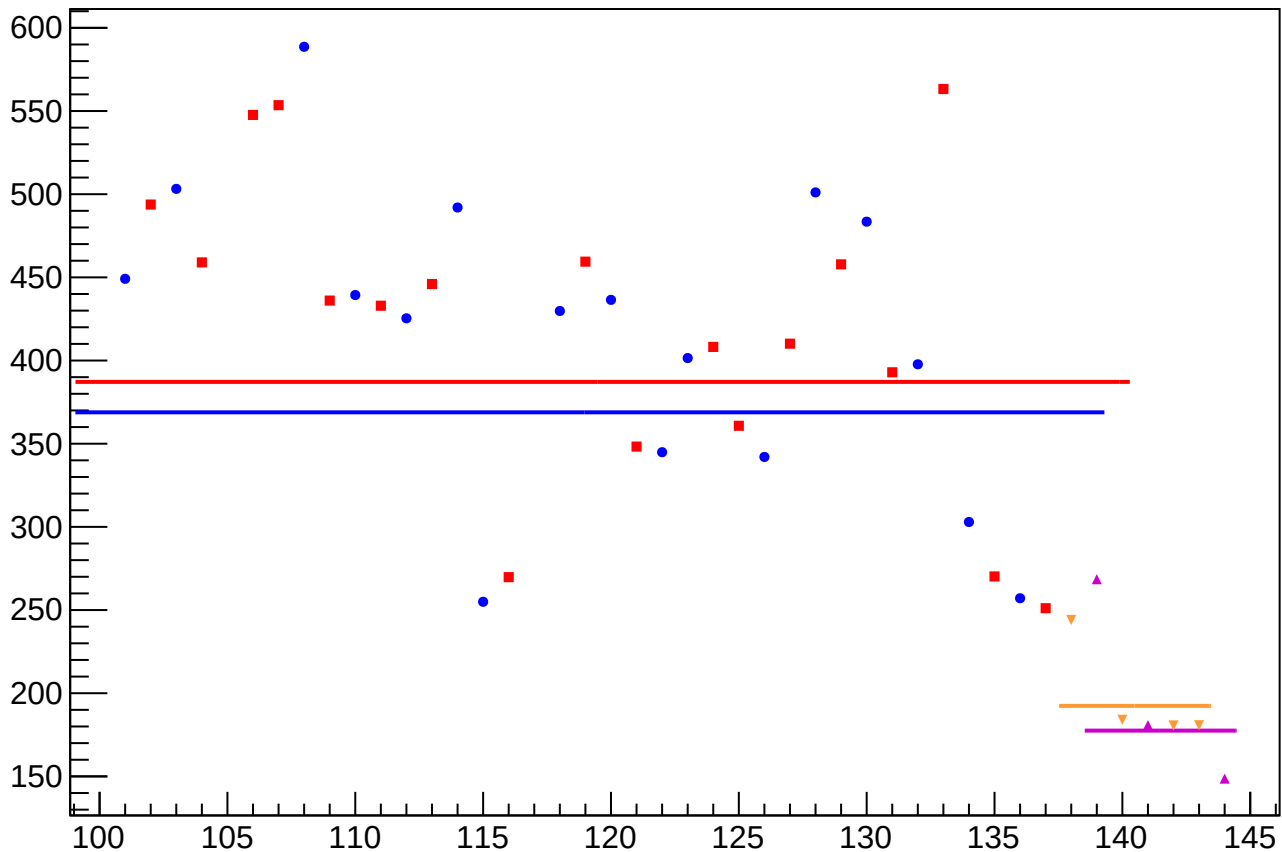
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -42.777+/-91.297 χ^2/NDF :26.1/19

Out: -46.235+/-92.869 χ^2/NDF :22.6/21

All: -44.476+/-65.105 χ^2/NDF : 48.7/41

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: 192.390 $\pm$ 0.083 χ^2 /NDF: 77321.6/3

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: 184.827 $\pm$ 0.059 χ^2 /NDF: 339374.4/6

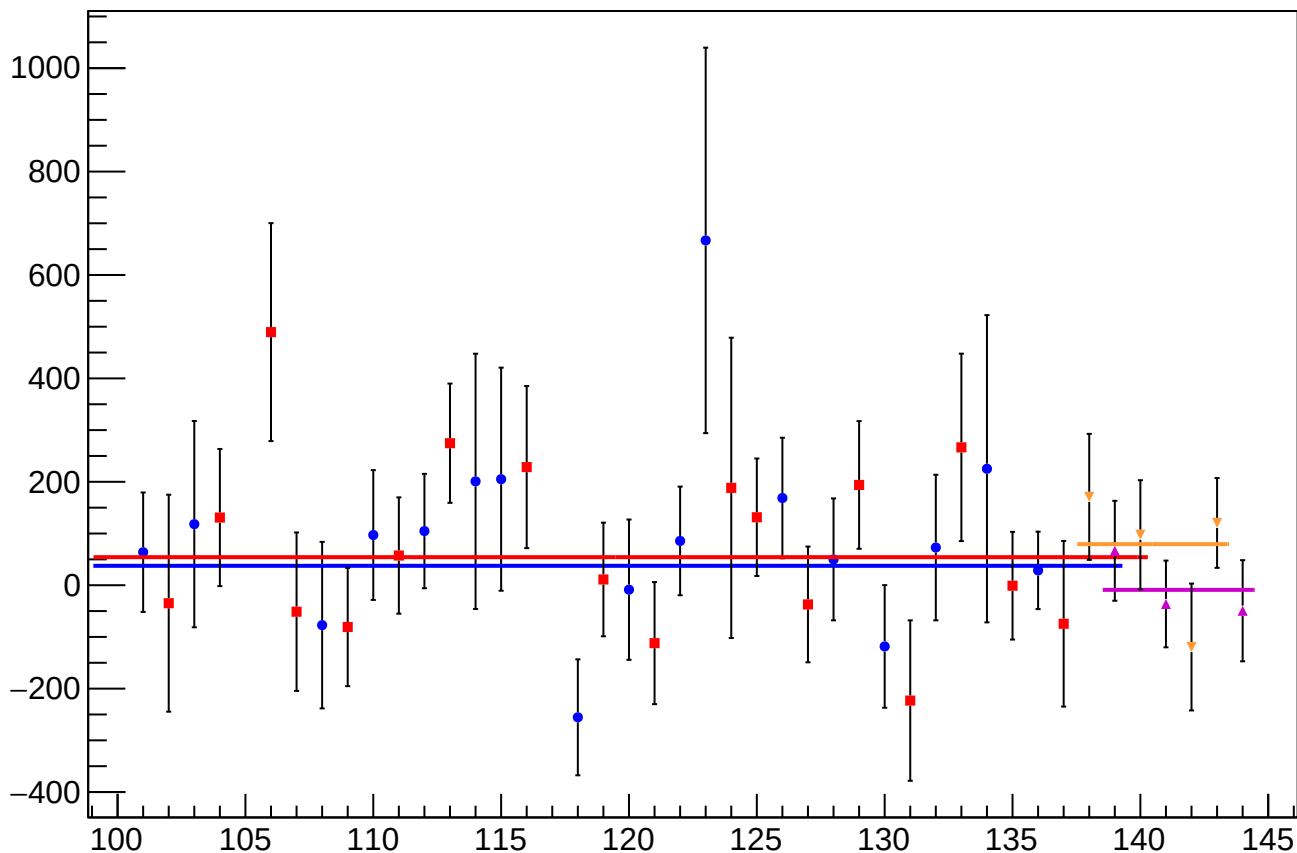
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 250.406 $\pm$ 0.065 χ^2 /NDF: 3147427.0/19

Out: 266.569 $\pm$ 0.066 χ^2 /NDF: 2909865.5/21

All: 258.350 $\pm$ 0.046 χ^2 /NDF: 6088103.1/41

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 79.433+/-52.995 χ^2/NDF : 3.4/3

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: 35.372+/-37.534 χ^2/NDF : 5.7/6

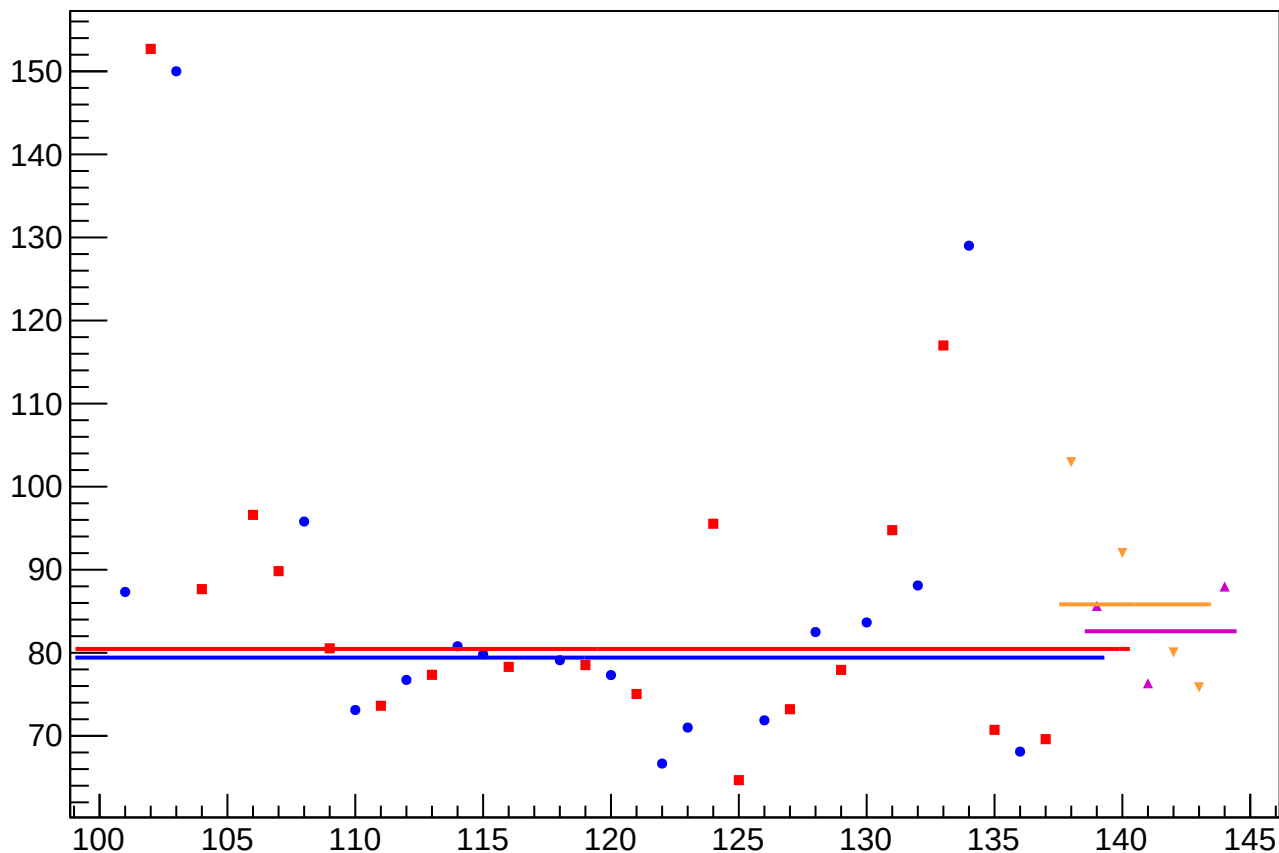
Right: 45.897+/-22.256 χ^2/NDF : 37.8/34

In: 25.473+/-27.075 χ^2/NDF : 17.3/19

Out: 60.839+/-27.071 χ^2/NDF : 25.4/21

All: 43.159+/-19.144 χ^2/NDF : 43.6/41

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 85.832+/-0.037 χ^2/NDF : 77212.4/3

Right Out: 80.465+/-0.022 χ^2/NDF : 454376.0/17

Left In: 82.595+/-0.038 χ^2/NDF : 19192.9/2

Left: 84.218+/-0.027 χ^2/NDF : 100123.9/6

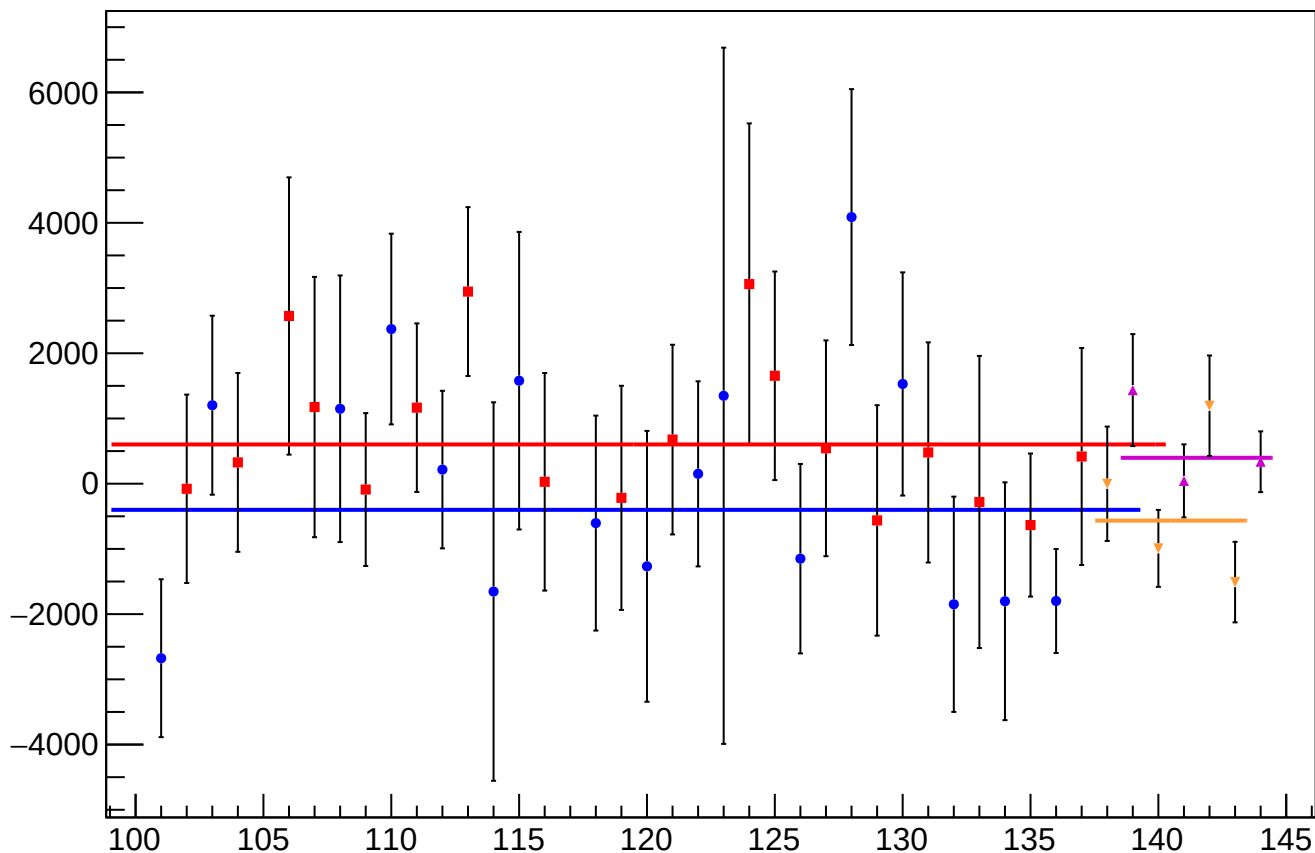
Right: 79.943+/-0.016 χ^2/NDF : 894523.3/34

In: 80.244+/-0.019 χ^2/NDF : 463516.8/19

Out: 81.866+/-0.019 χ^2/NDF : 546743.5/21

All: 81.055+/-0.014 χ^2/NDF : 1013846.8/41

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -565.614+/-343.369 χ^2/NDF : 8.5/3

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: -66.207+/-238.199 χ^2/NDF : 14.4/6

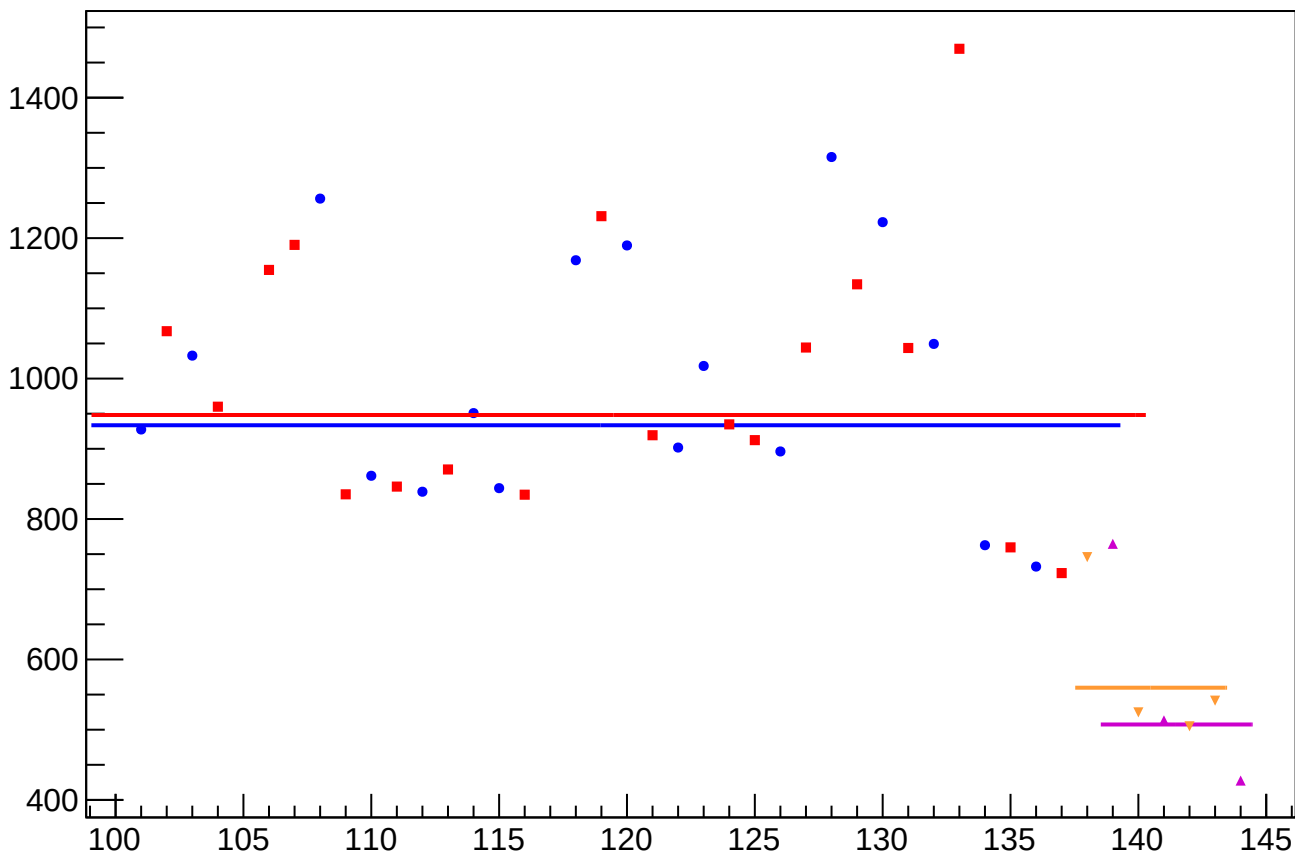
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 40.995+/-246.124 χ^2/NDF : 26.4/19

Out: -15.352+/-249.666 χ^2/NDF : 22.6/21

All: 13.224+/-175.275 χ^2/NDF : 49.0/41

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 559.799 $\pm$ 0.243 χ^2 /NDF:109022.3/3

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 507.420 $\pm$ 0.234 χ^2 /NDF:238410.0/2

Left: 532.627 $\pm$ 0.168 χ^2 /NDF: 371575.7/6

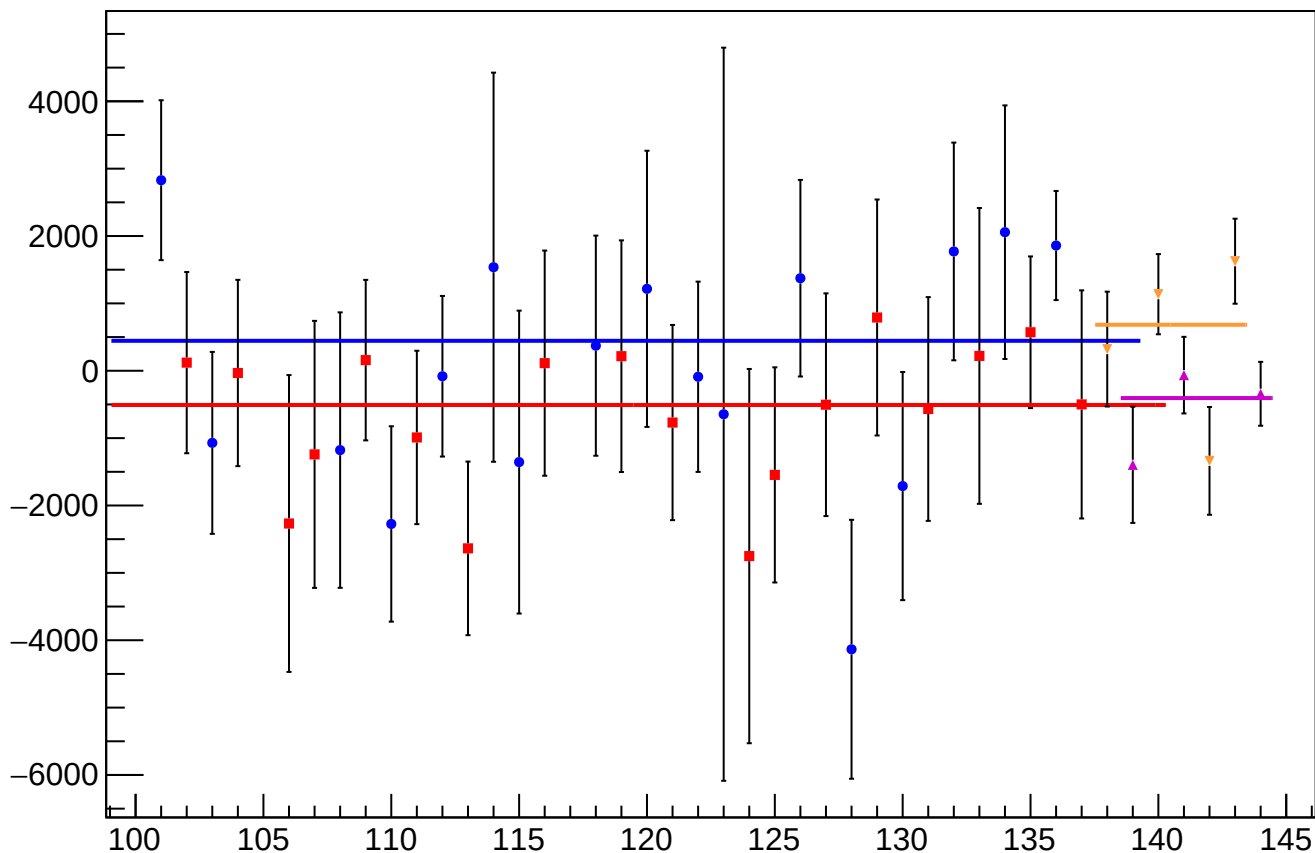
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 697.528 $\pm$ 0.174 χ^2 /NDF:2162024.5/19

Out: 742.825 $\pm$ 0.177 χ^2 /NDF:1719836.7/21

All: 719.853 $\pm$ 0.124 χ^2 /NDF: 3915249.0/41

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 682.624+/-347.622 χ^2/NDF : 9.4/3

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: 119.252+/-241.377 χ^2/NDF : 16.1/6

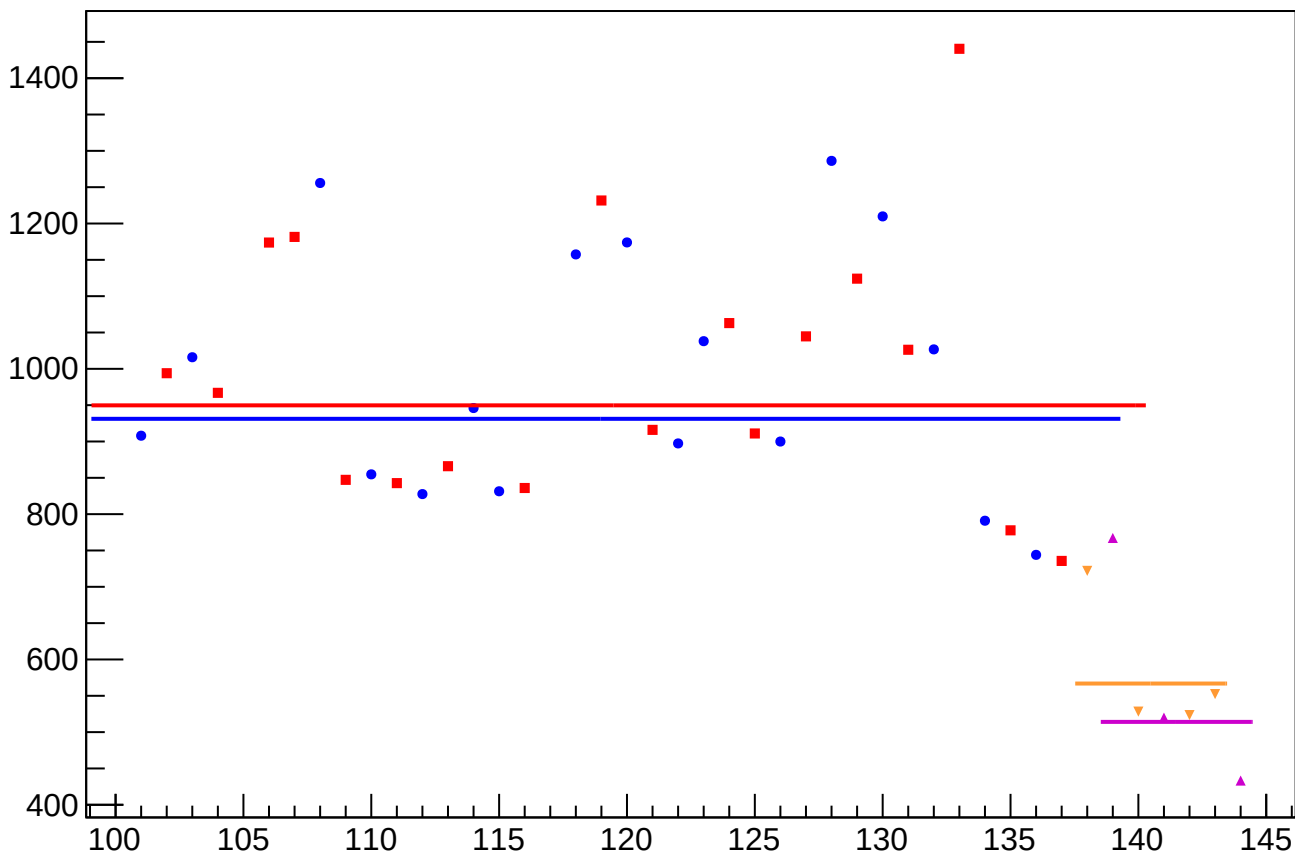
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -18.547+/-247.622 χ^2/NDF : 27.5/19

Out: 114.777+/-251.433 χ^2/NDF : 22.3/21

All: 47.097+/-176.427 χ^2/NDF : 49.9/41

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 566.870+/-0.246 χ^2/NDF :81570.2/3

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: 539.539+/-0.171 χ^2/NDF : 336244.3/6

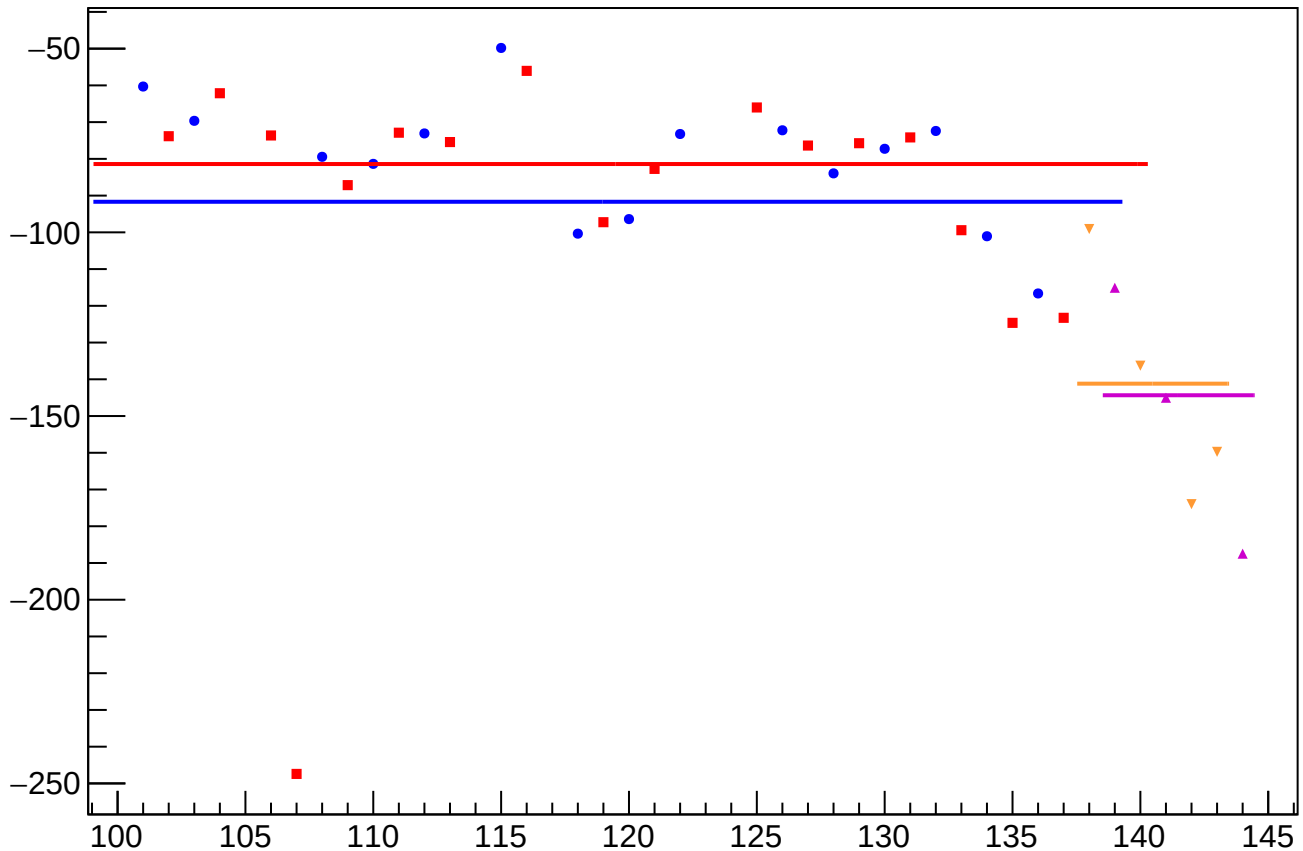
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 703.879+/-0.175 χ^2/NDF :2038254.4/19

Out: 749.439+/-0.178 χ^2/NDF :1604021.9/21

All: 726.311+/-0.125 χ^2/NDF : 3675611.9/41

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -141.190 ± 0.237 χ^2/NDF : 6733.0/3

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -144.343 ± 0.153 χ^2/NDF : 12099.9/2

Left: -143.416 ± 0.128 χ^2/NDF : 18957.9/6

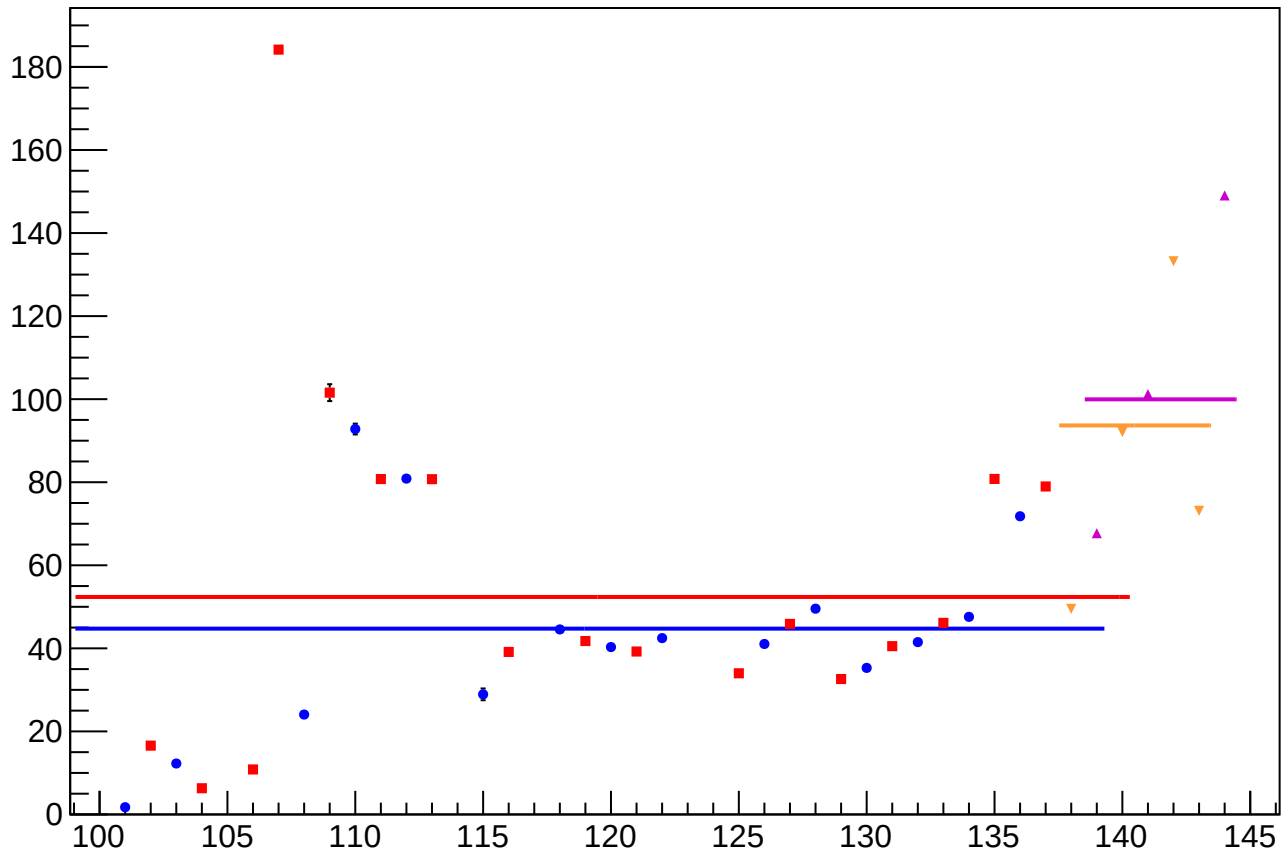
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -100.830 ± 0.064 χ^2/NDF : 174693.5/17

Out: -90.212 ± 0.091 χ^2/NDF : 102736.0/20

All: -97.330 ± 0.052 χ^2/NDF : 286571.9/38

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 93.675 $\pm$ 0.252 χ^2/NDF : 7182.3/3

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: 98.229 $\pm$ 0.132 χ^2/NDF : 20117.4/6

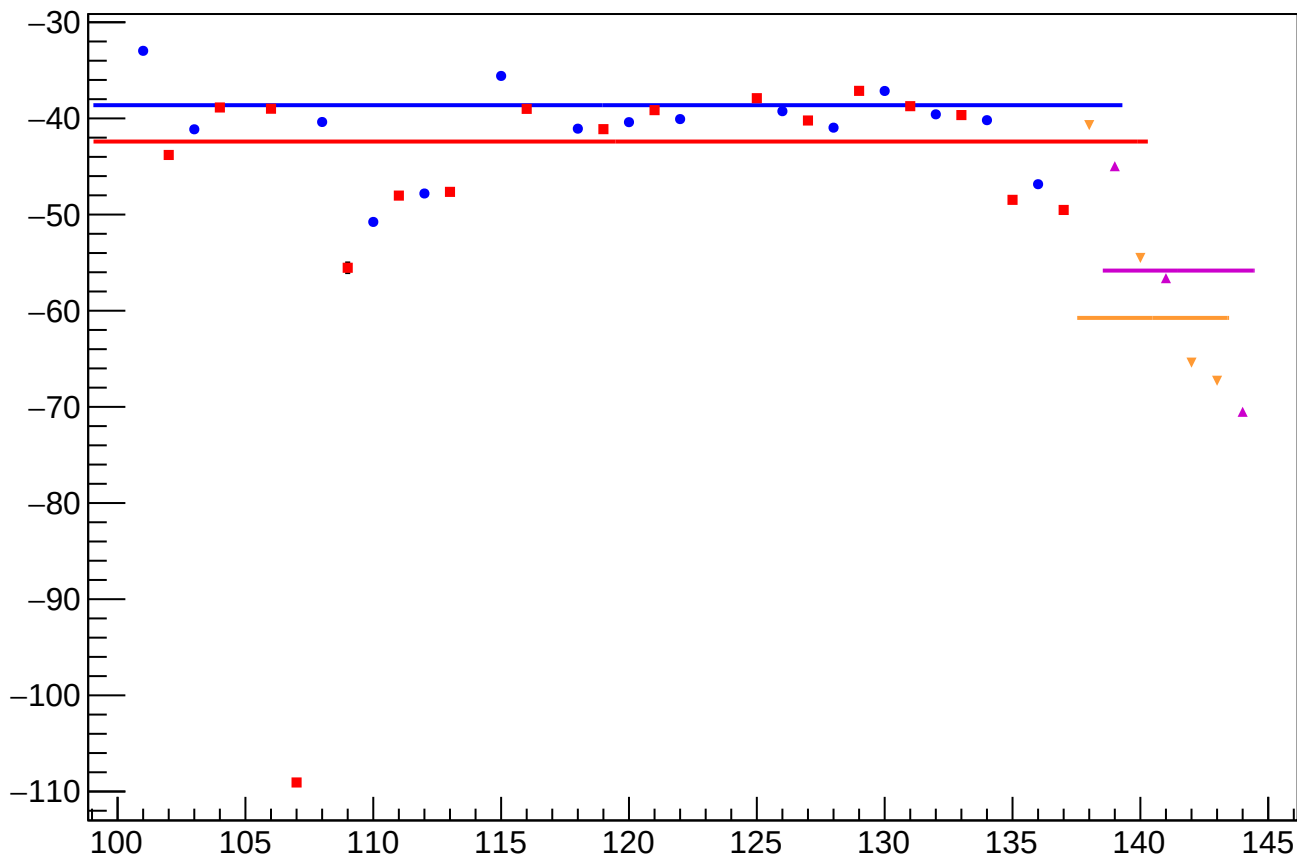
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 52.065 $\pm$ 0.056 χ^2/NDF : 207345.7/17

Out: 59.257 $\pm$ 0.103 χ^2/NDF : 98931.8/20

All: 53.731 $\pm$ 0.049 χ^2/NDF : 310042.4/38

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -60.747 ± 0.052 $\chi^2/\text{NDF}: 20742.9/3$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -55.825 ± 0.044 $\chi^2/\text{NDF}: 17748.1/2$

Left: -57.917 ± 0.034 $\chi^2/\text{NDF}: 43695.1/6$

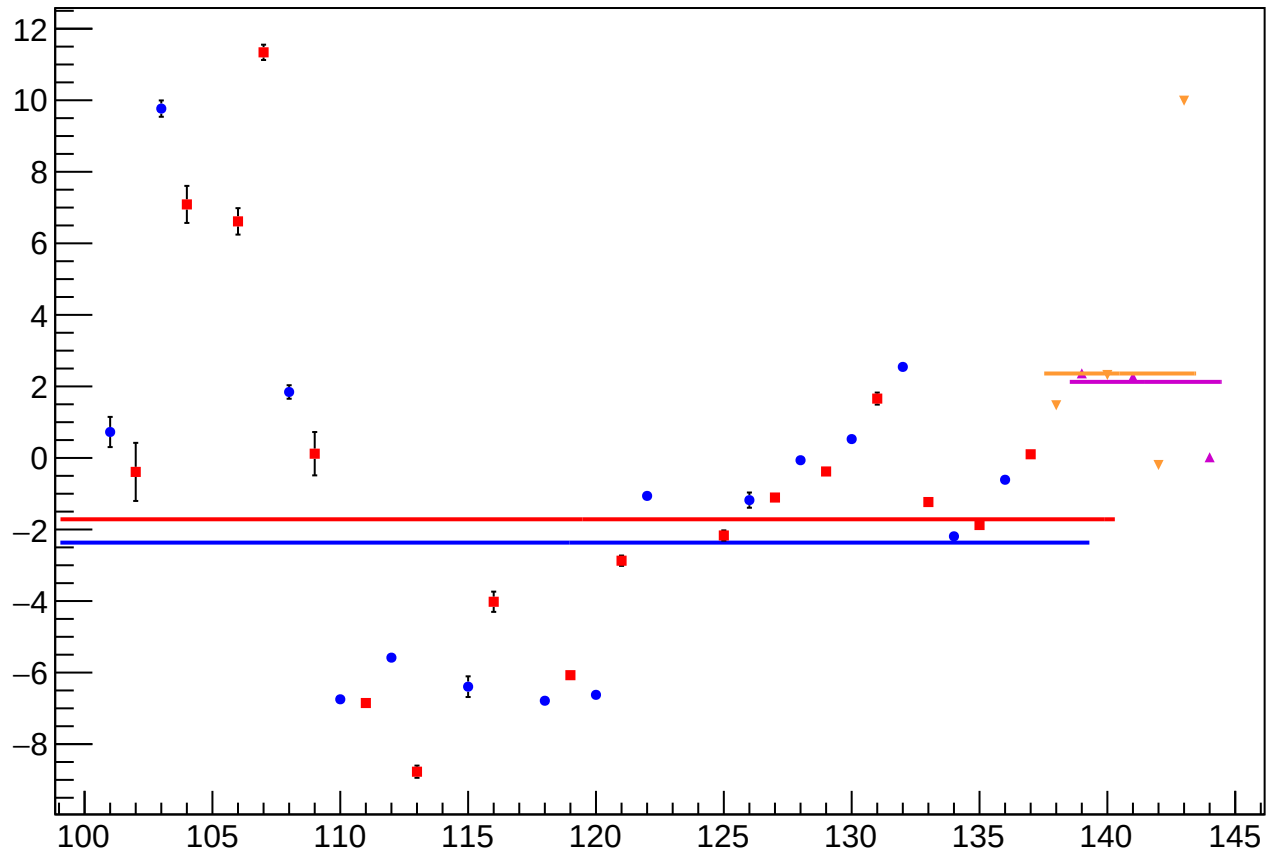
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.200 ± 0.008 $\chi^2/\text{NDF}: 402407.8/17$

Out: -45.062 ± 0.020 $\chi^2/\text{NDF}: 397397.9/20$

All: -40.054 ± 0.008 $\chi^2/\text{NDF}: 875586.9/38$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.361 ± 0.031 χ^2/NDF : 4703.6/3

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 2.127 ± 0.021 χ^2/NDF : 774.3/2

Left: 2.199 ± 0.017 χ^2/NDF : 5516.1/6

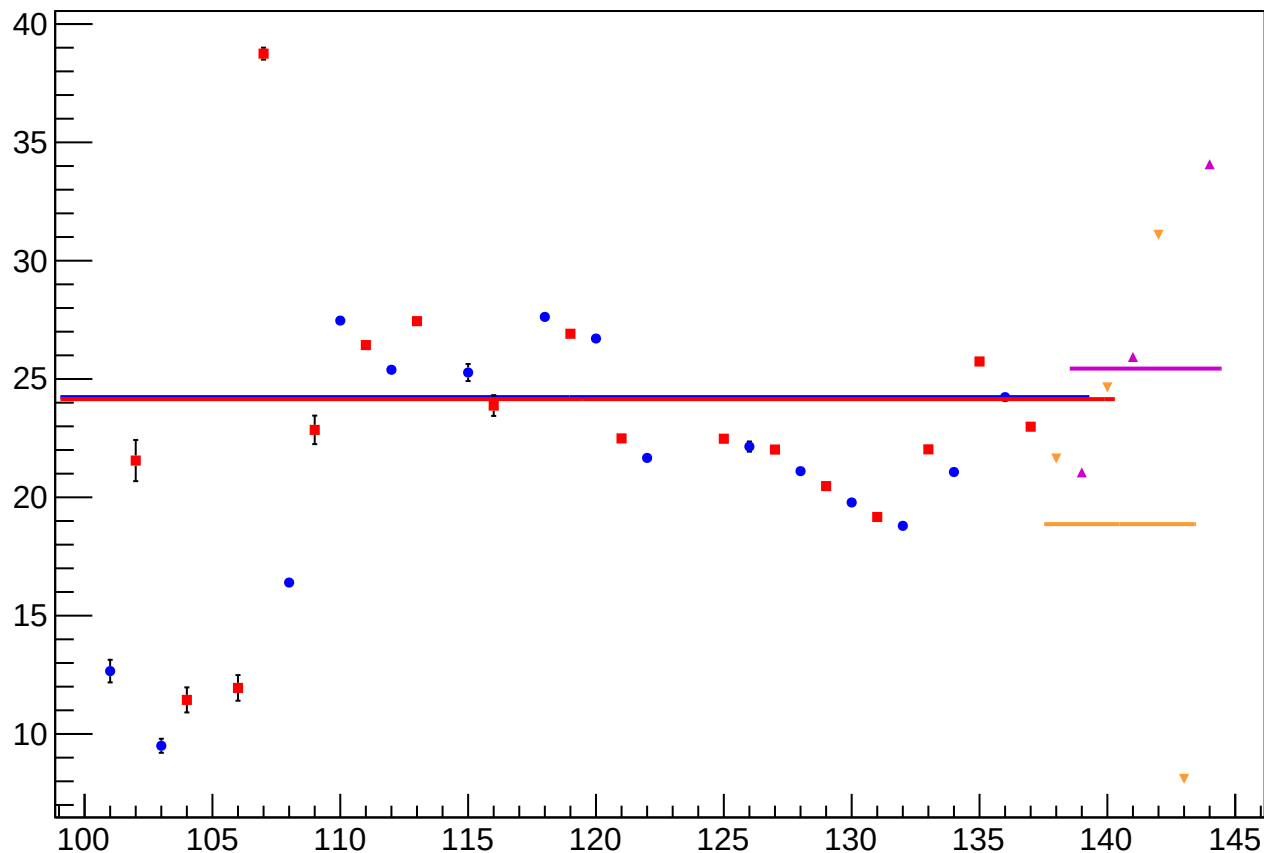
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -0.972 ± 0.012 χ^2/NDF : 61222.1/17

Out: 0.013 ± 0.020 χ^2/NDF : 27087.7/20

All: -0.730 ± 0.010 χ^2/NDF : 90052.3/38

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2/NDF : 21896.9/14

Left Out: 18.868 $\pm$ 0.049 χ^2/NDF : 30434.0/3

Right Out: 24.150 $\pm$ 0.024 χ^2/NDF : 13222.6/16

Left In: 25.440 $\pm$ 0.036 χ^2/NDF : 7805.0/2

Left: 23.130 $\pm$ 0.029 χ^2/NDF : 50065.1/6

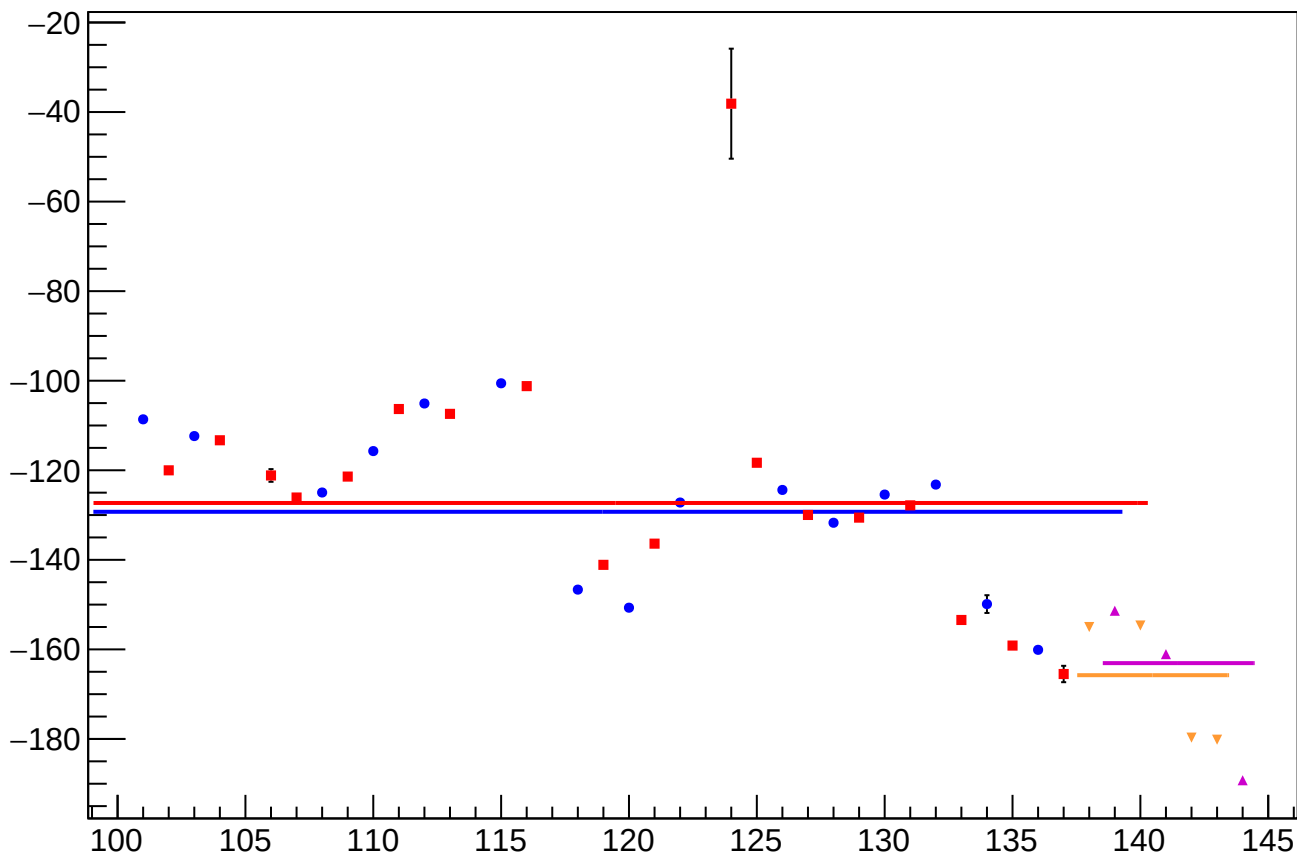
Right: 24.197 $\pm$ 0.016 χ^2/NDF : 35126.2/31

In: 24.566 $\pm$ 0.019 χ^2/NDF : 30522.9/17

Out: 23.091 $\pm$ 0.022 χ^2/NDF : 53075.0/20

All: 23.938 $\pm$ 0.014 χ^2/NDF : 86226.7/38

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -165.761 ± 0.139 χ^2/NDF : 7995.0/3

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: -164.531 ± 0.102 χ^2/NDF : 16059.2/6

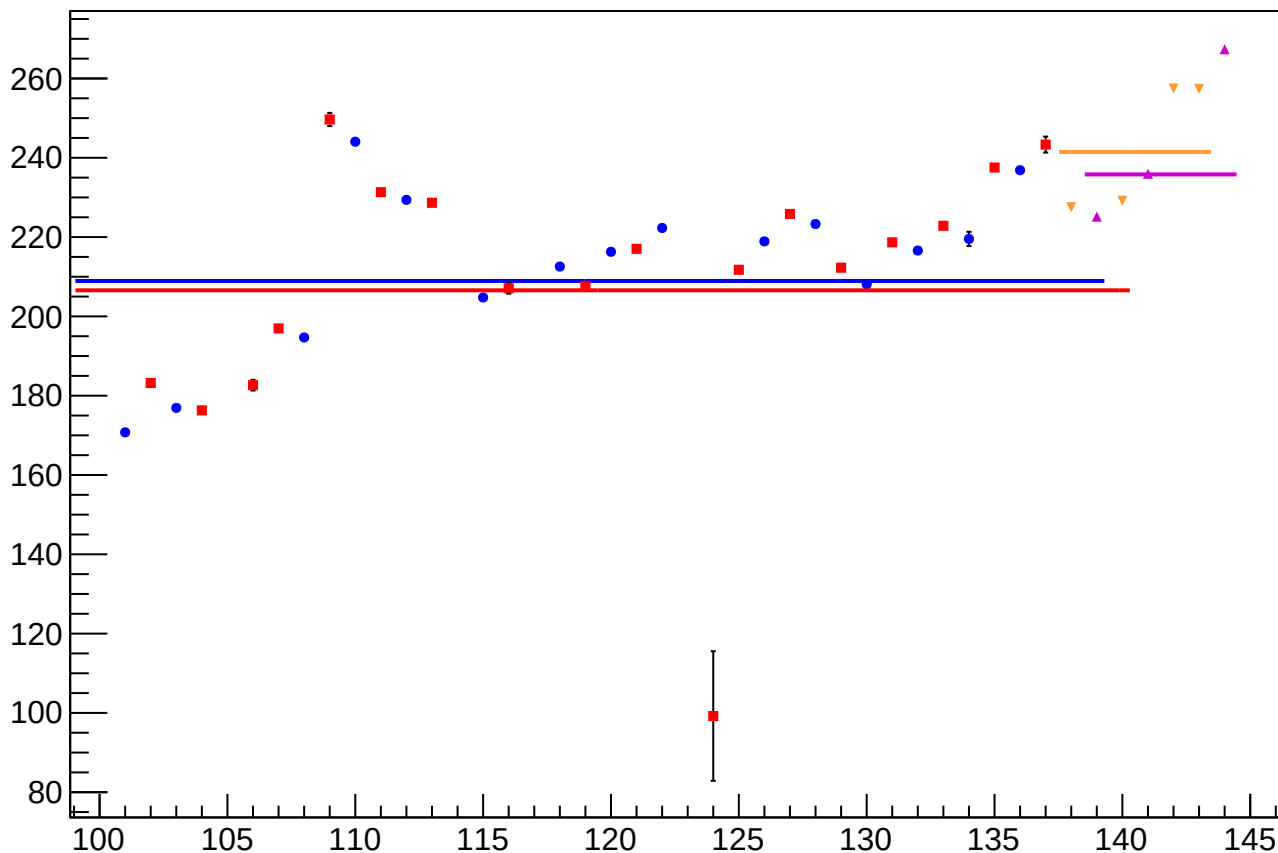
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -137.757 ± 0.076 χ^2/NDF : 80220.7/17

Out: -137.657 ± 0.072 χ^2/NDF : 93601.8/21

All: -137.704 ± 0.052 χ^2/NDF : 173823.4/39

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 241.467 $\pm$ 0.140 χ^2 /NDF:10765.0/3

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: 238.713 $\pm$ 0.100 χ^2 /NDF: 20312.9/6

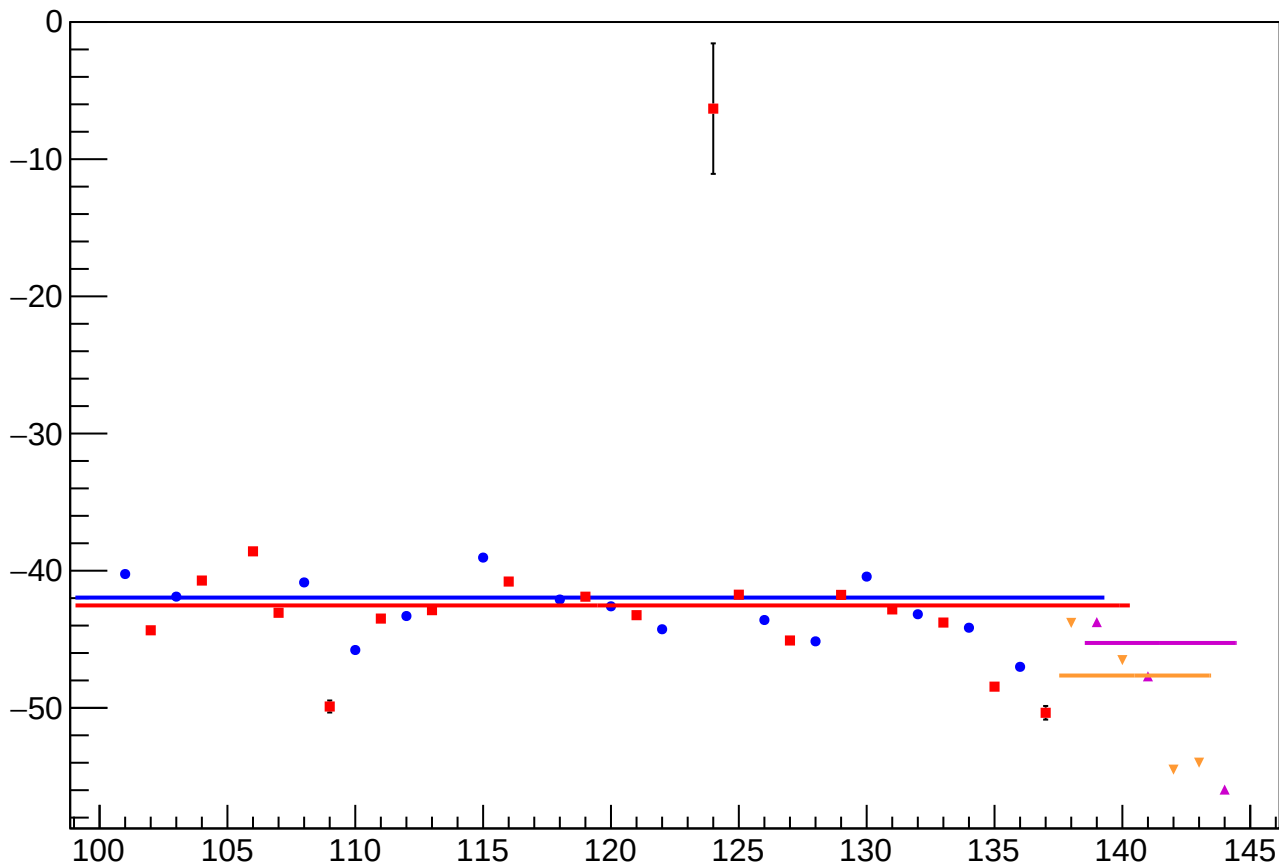
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 216.388 $\pm$ 0.076 χ^2 /NDF:78613.3/17

Out: 215.670 $\pm$ 0.072 χ^2 /NDF:104796.4/21

All: 216.008 $\pm$ 0.052 χ^2 /NDF: 183457.2/39

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -47.642 ± 0.025 $\chi^2/\text{NDF}: 33693.3/3$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -45.267 ± 0.023 $\chi^2/\text{NDF}: 15546.2/2$

Left: -46.355 ± 0.017 $\chi^2/\text{NDF}: 54257.8/6$

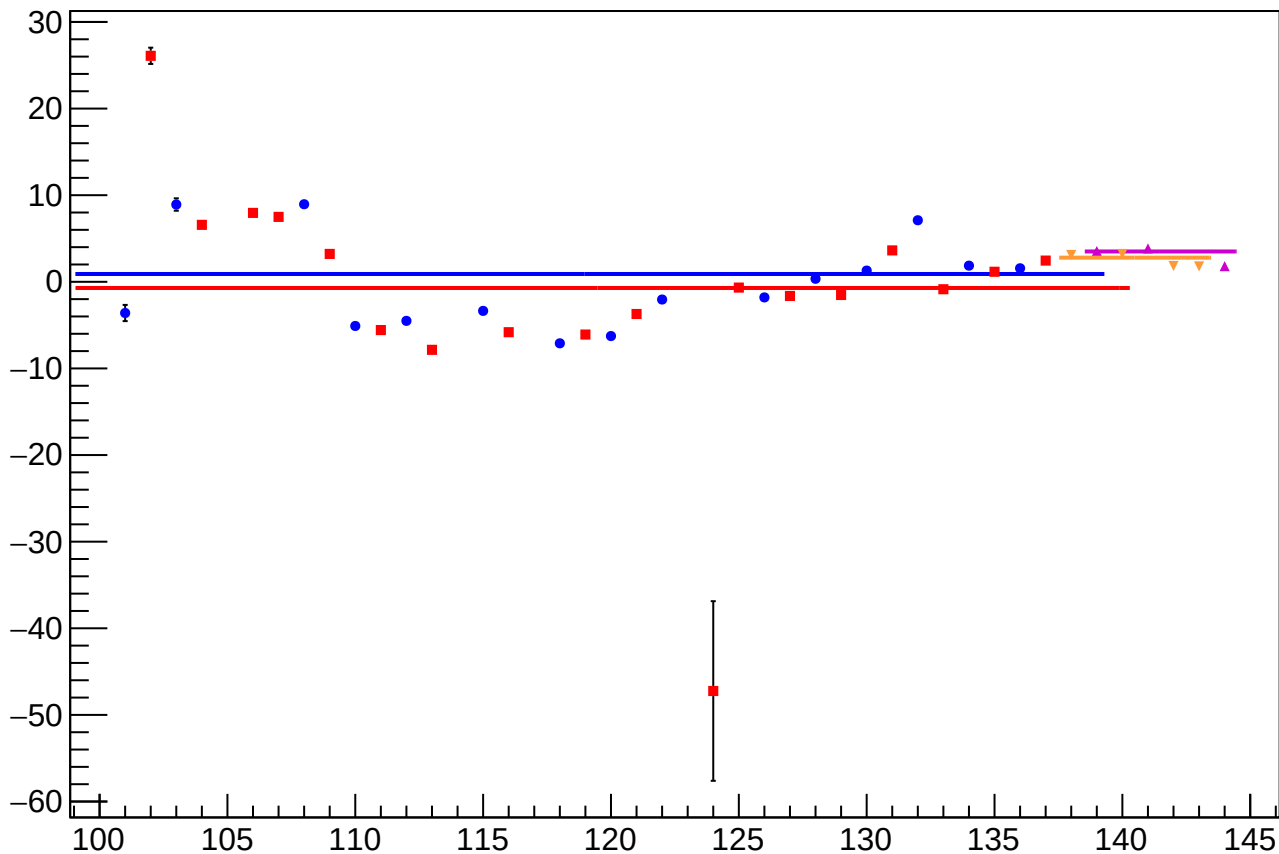
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -43.022 ± 0.013 $\chi^2/\text{NDF}: 54199.6/17$

Out: -44.637 ± 0.016 $\chi^2/\text{NDF}: 65049.5/21$

All: -43.664 ± 0.010 $\chi^2/\text{NDF}: 125521.3/39$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.790 ± 0.024 $\chi^2/\text{NDF}: 714.3/3$

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: 3.160 ± 0.017 $\chi^2/\text{NDF}: 2120.8/6$

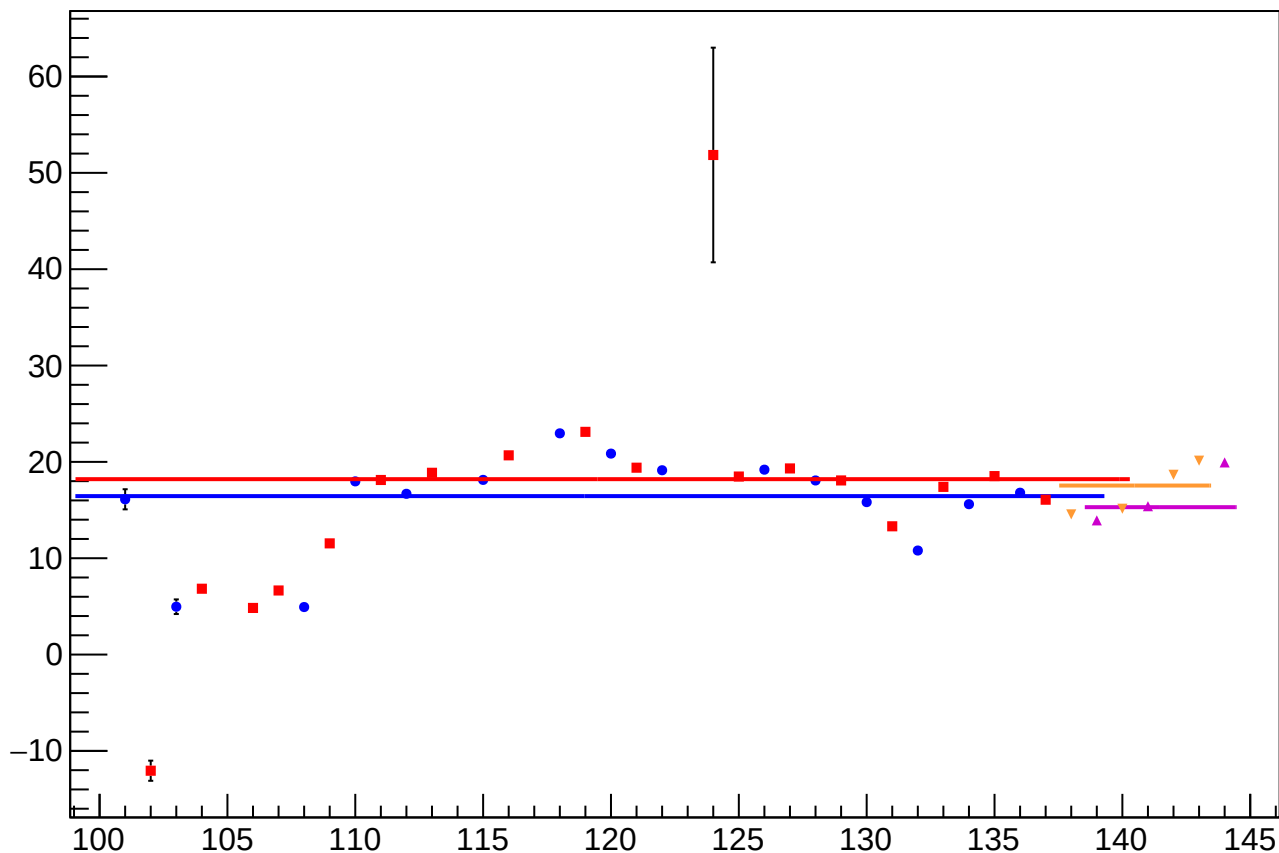
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.020 ± 0.015 $\chi^2/\text{NDF}: 29312.9/17$

Out: 1.062 ± 0.017 $\chi^2/\text{NDF}: 41949.3/21$

All: 1.598 ± 0.011 $\chi^2/\text{NDF}: 73025.0/39$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 χ^2/NDF : 14183.1/14

Left Out: 17.544 ± 0.028 χ^2/NDF : 7211.3/3

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: 16.481 ± 0.020 χ^2/NDF : 13532.9/6

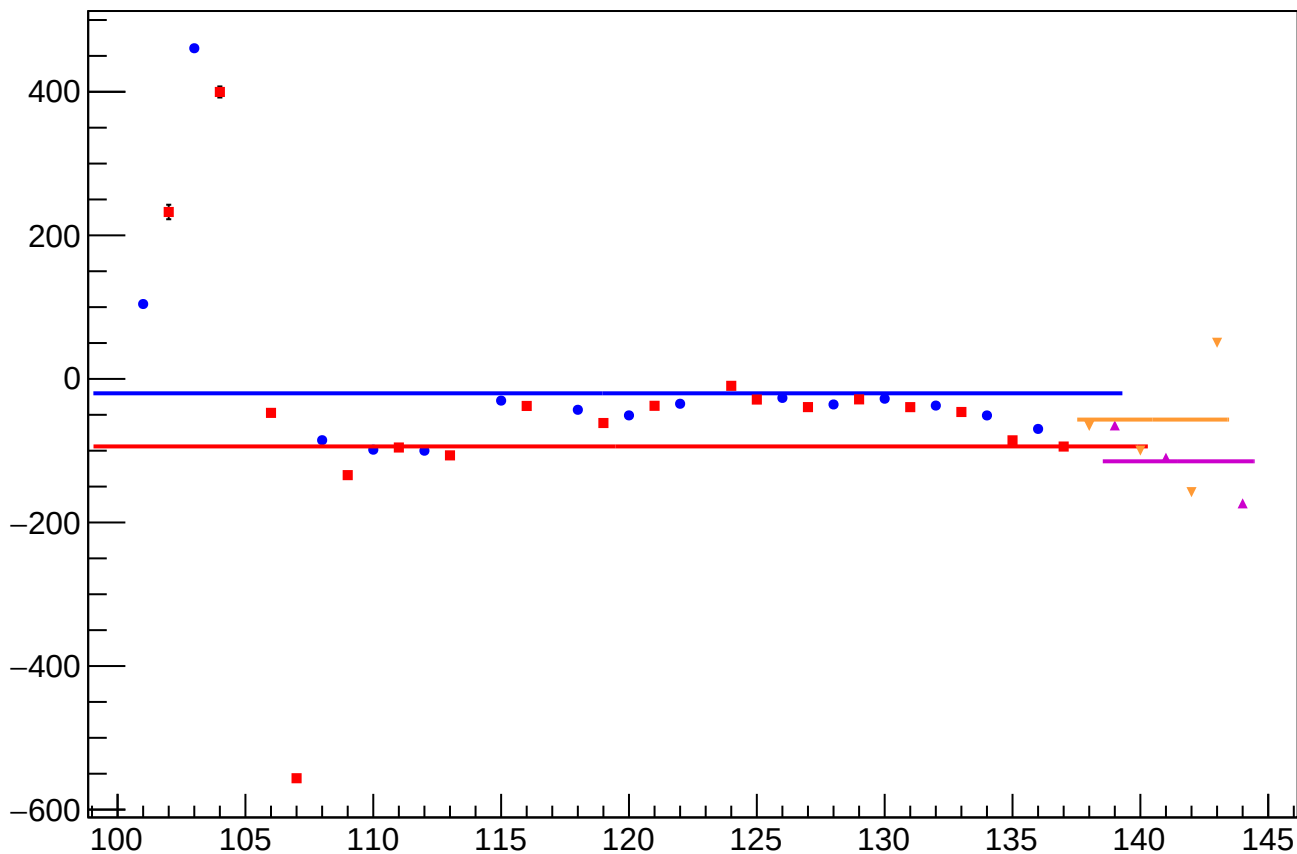
Right: 17.482 ± 0.016 χ^2/NDF : 44731.9/32

In: 15.984 ± 0.019 χ^2/NDF : 18388.6/17

Out: 17.978 ± 0.017 χ^2/NDF : 35067.4/21

All: 17.111 ± 0.012 χ^2/NDF : 59776.0/39

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -56.652 ± 0.277 $\chi^2/\text{NDF}: 39131.4/3$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -114.791 ± 0.336 $\chi^2/\text{NDF}: 13041.5/2$

Left: -80.139 ± 0.214 $\chi^2/\text{NDF}: 70013.8/6$

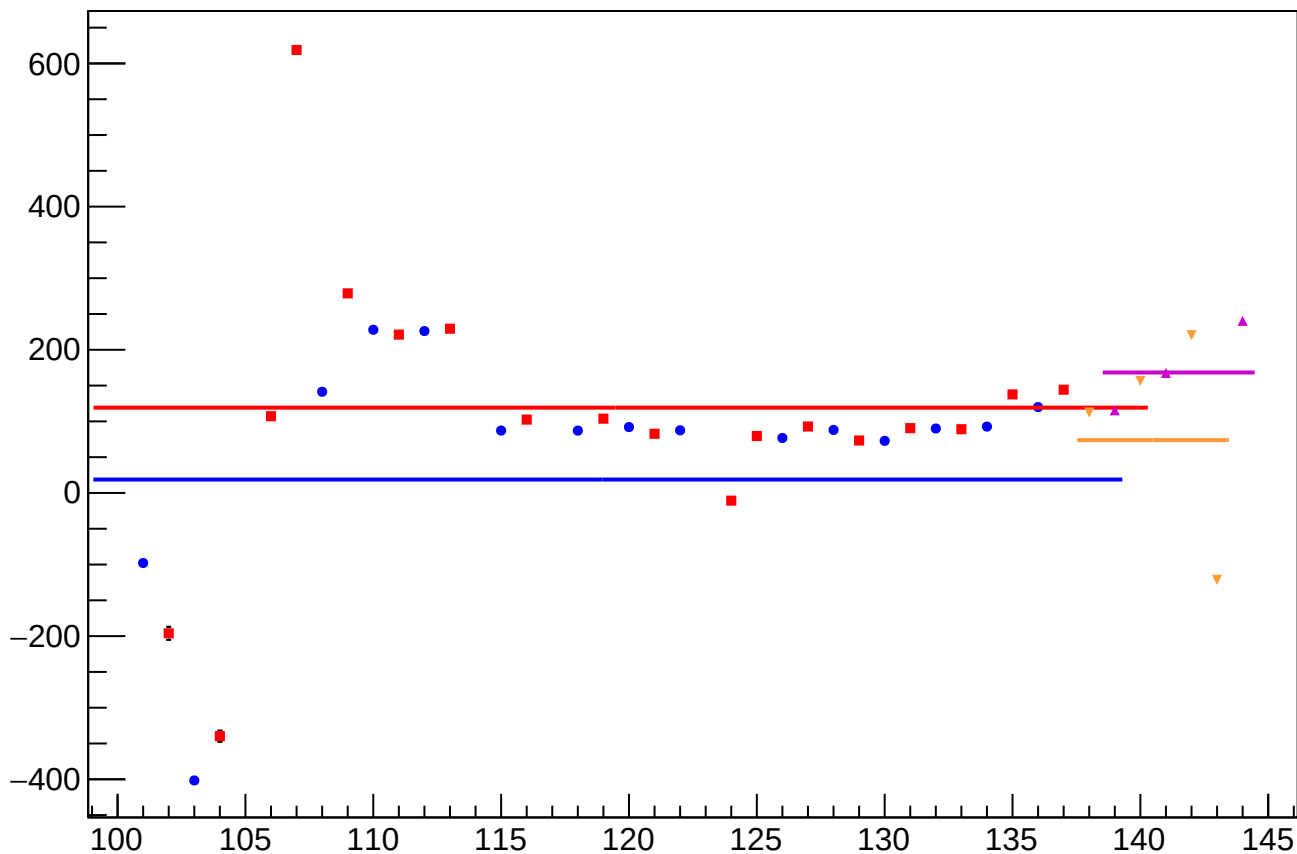
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -36.351 ± 0.139 $\chi^2/\text{NDF}: 520308.4/17$

Out: -93.975 ± 0.012 $\chi^2/\text{NDF}: 144855.7/21$

All: -93.521 ± 0.012 $\chi^2/\text{NDF}: 834796.9/39$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 73.807+/-0.273 χ^2/NDF : 155535.8/3

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 168.260+/-0.338 χ^2/NDF : 13826.6/2

Left: 111.209+/-0.213 χ^2/NDF : 216615.3/6

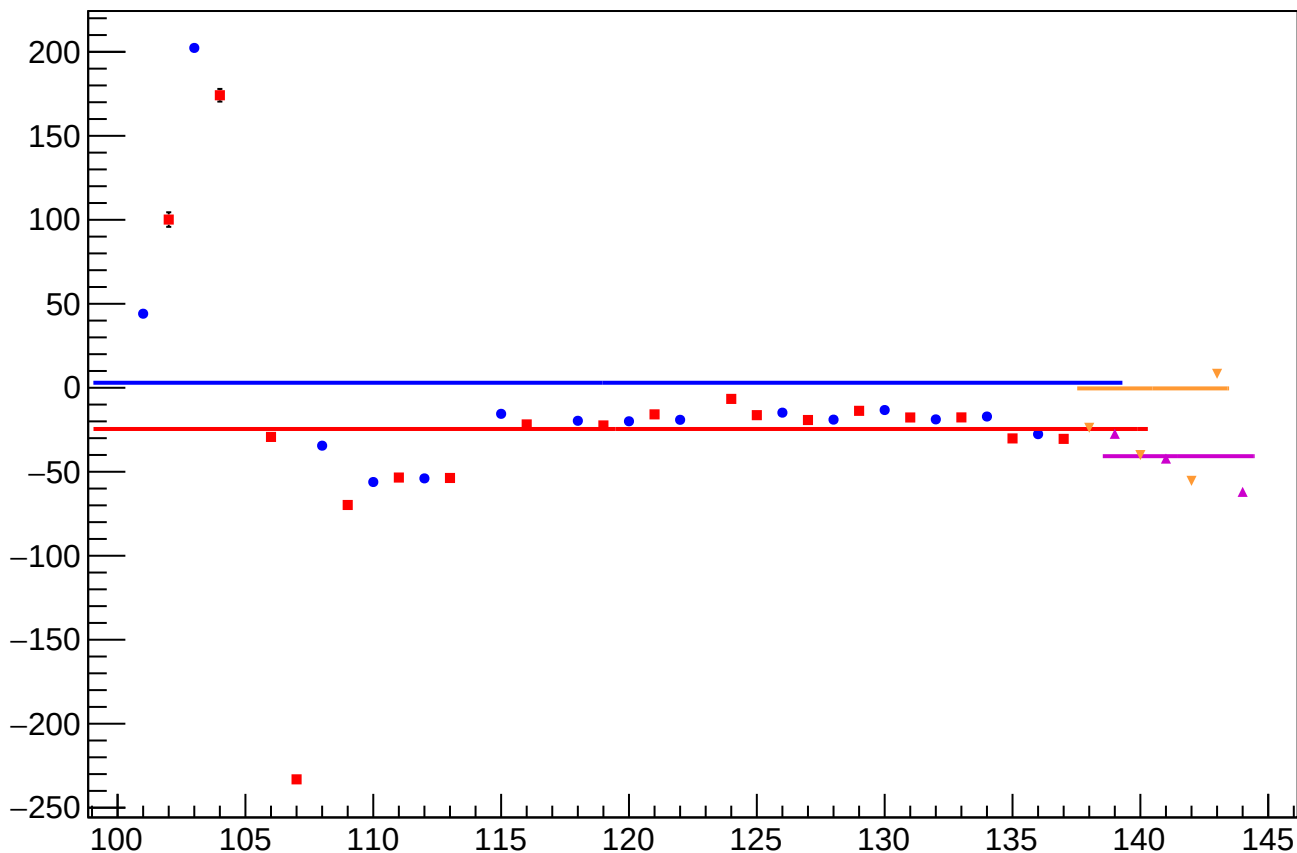
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 43.943+/-0.139 χ^2/NDF : 1278634.0/17

Out: 103.434+/-0.161 χ^2/NDF : 260961.7/21

All: 69.273+/-0.105 χ^2/NDF : 1617968.4/39

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -0.375 ± 0.034 $\chi^2/\text{NDF}: 255559.9/3$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -40.726 ± 0.064 $\chi^2/\text{NDF}: 17017.4/2$

Left: -9.213 ± 0.030 $\chi^2/\text{NDF}: 584853.9/6$

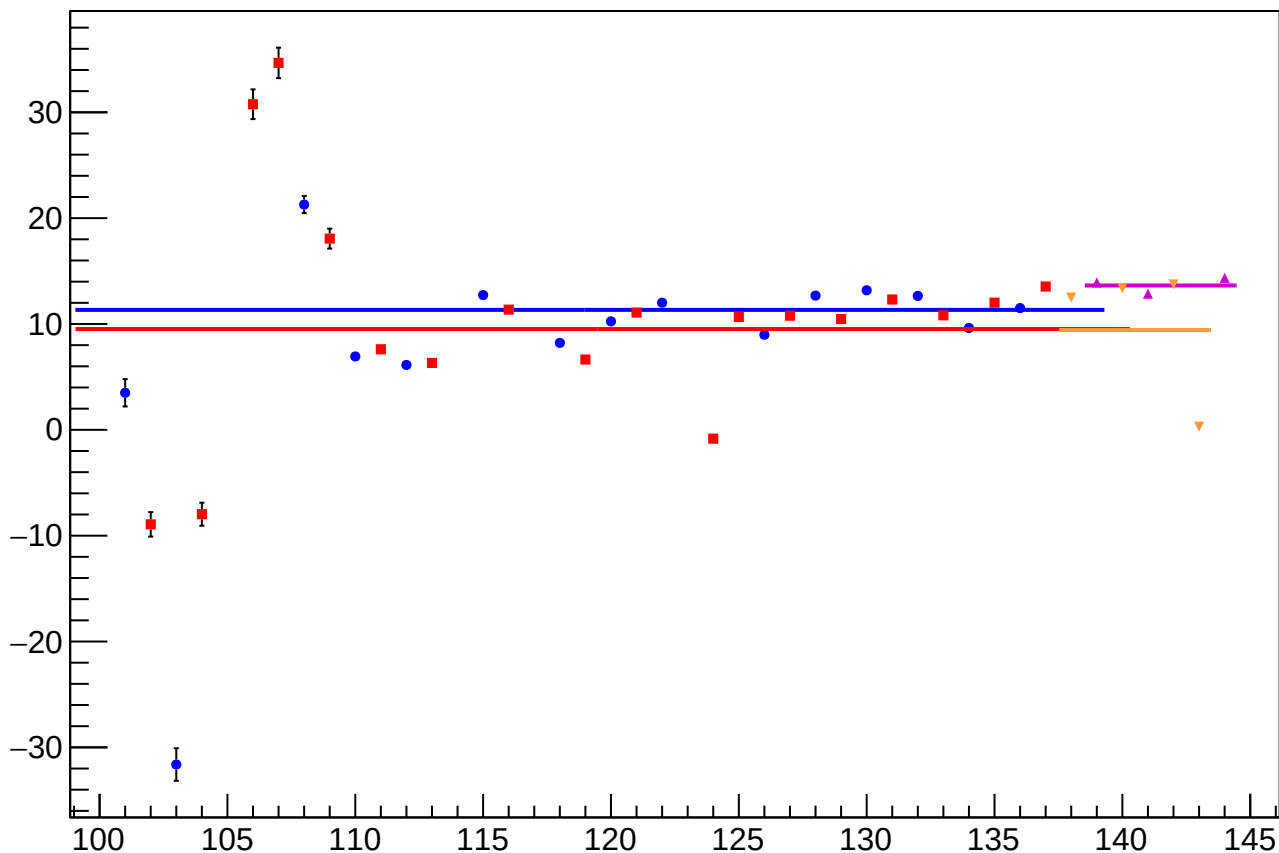
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -3.600 ± 0.025 $\chi^2/\text{NDF}: 3912356.8/17$

Out: -9.435 ± 0.027 $\chi^2/\text{NDF}: 623688.1/21$

All: -6.298 ± 0.018 $\chi^2/\text{NDF}: 4561690.1/39$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 9.426 ± 0.039 $\chi^2/\text{NDF}: 23179.5/3$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 13.639 ± 0.051 $\chi^2/\text{NDF}: 140.9/2$

Left: 10.967 ± 0.031 $\chi^2/\text{NDF}: 27668.1/6$

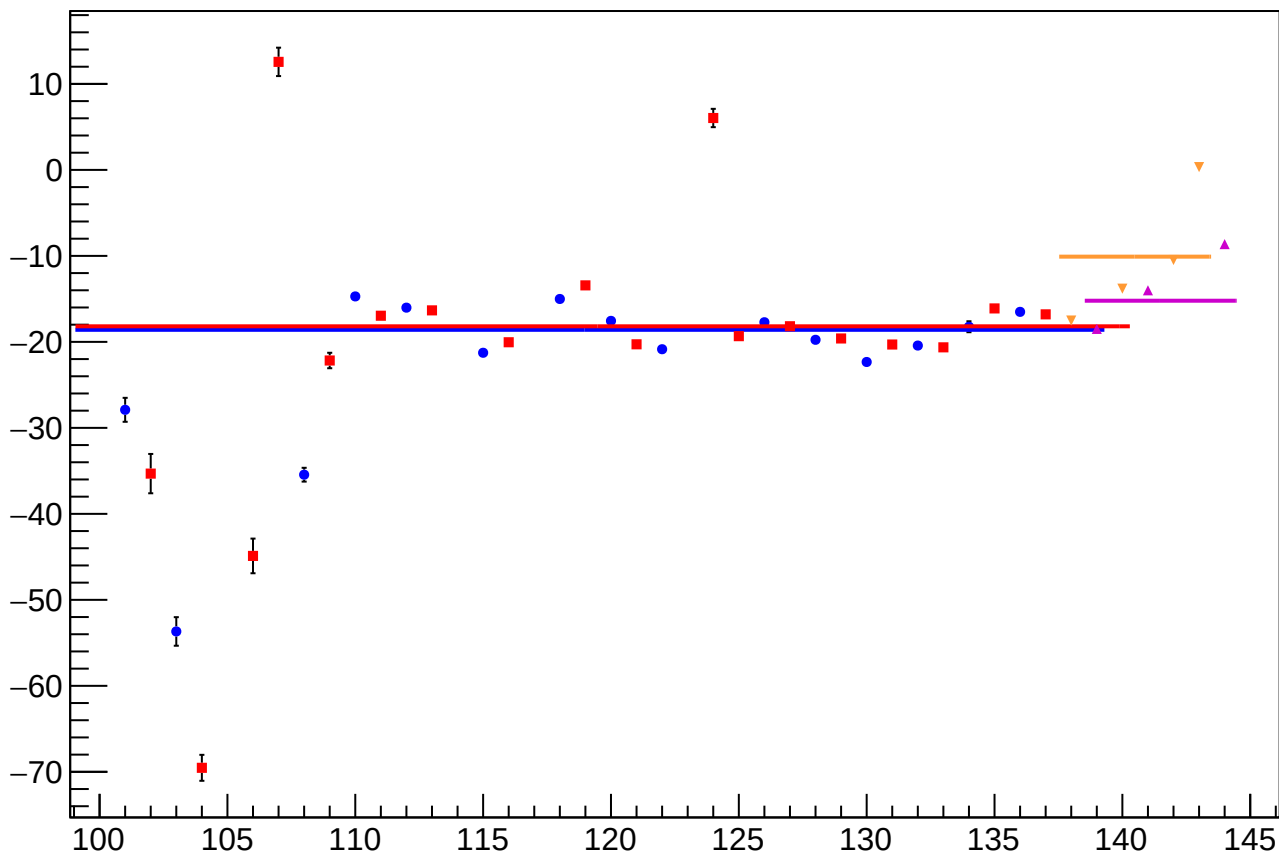
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.142 ± 0.030 $\chi^2/\text{NDF}: 3879.7/17$

Out: 9.465 ± 0.030 $\chi^2/\text{NDF}: 27248.9/21$

All: 10.802 ± 0.021 $\chi^2/\text{NDF}: 35081.1/39$

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -10.088 ± 0.052 $\chi^2/\text{NDF}: 15832.8/3$

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: -11.760 ± 0.042 $\chi^2/\text{NDF}: 21644.2/6$

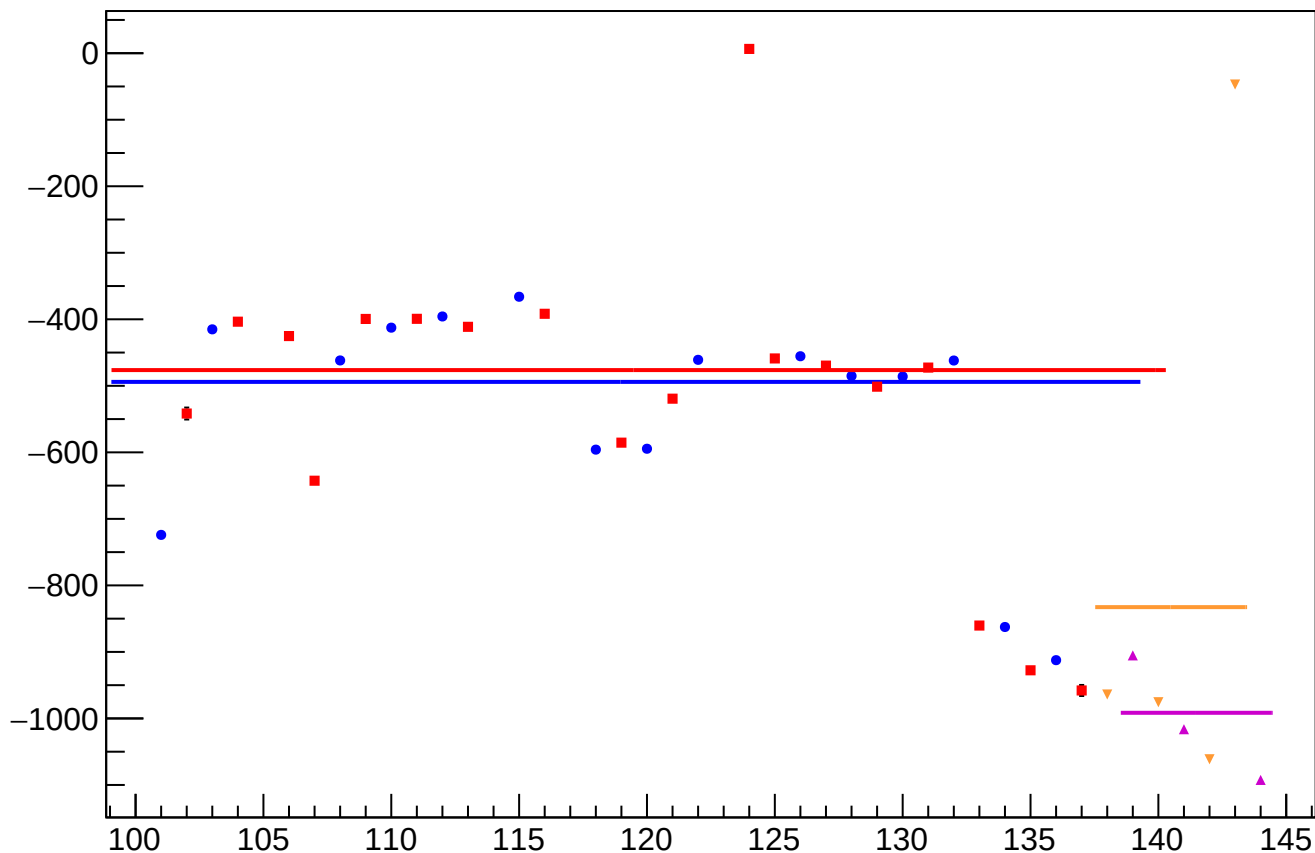
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -17.917 ± 0.033 $\chi^2/\text{NDF}: 10442.6/17$

Out: -14.309 ± 0.036 $\chi^2/\text{NDF}: 33569.7/21$

All: -16.242 ± 0.024 $\chi^2/\text{NDF}: 49488.2/39$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -832.683 ± 0.698 $\chi^2/\text{NDF}: 262713.8/3$

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: -918.656 ± 0.473 $\chi^2/\text{NDF}: 303751.5/6$

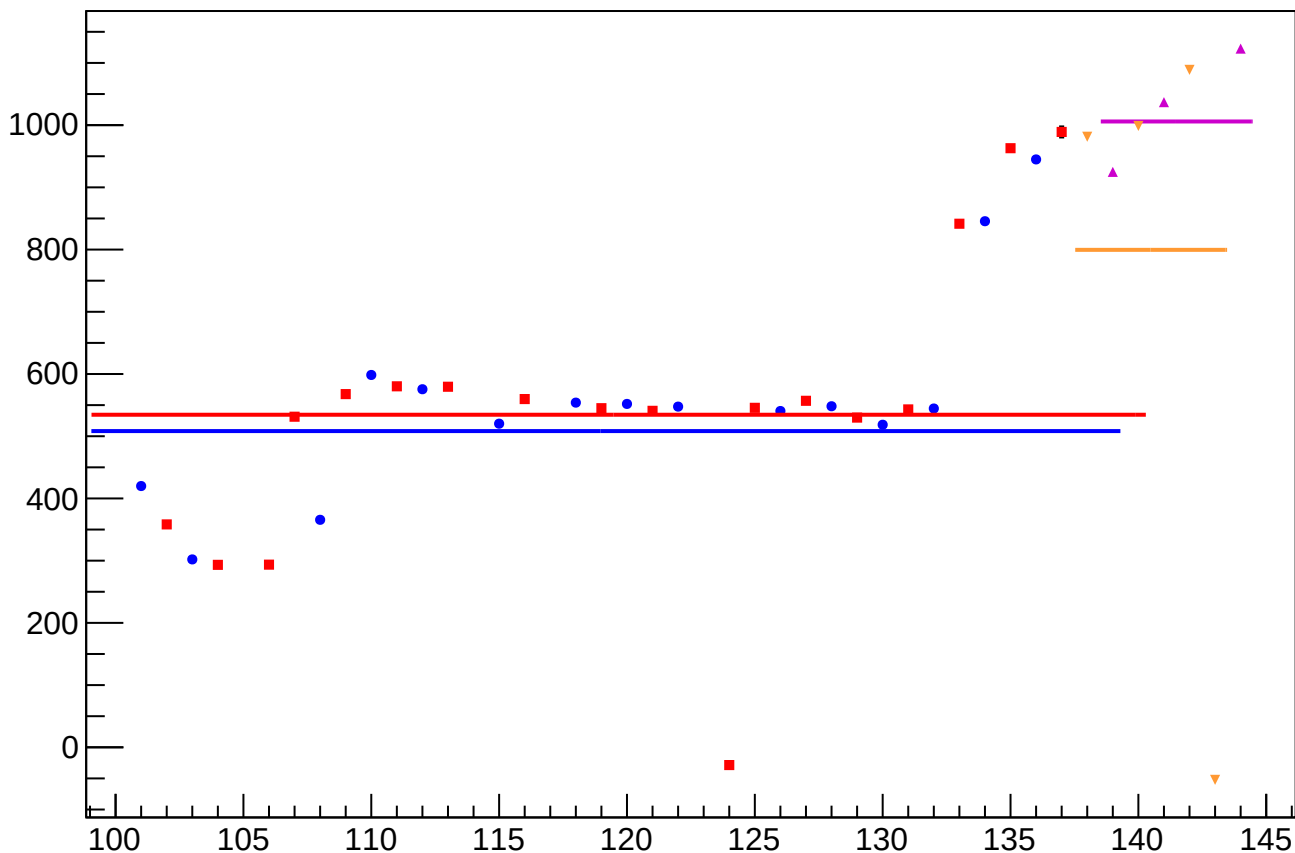
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -551.417 ± 0.218 $\chi^2/\text{NDF}: 868494.7/17$

Out: -499.736 ± 0.179 $\chi^2/\text{NDF}: 1099996.1/21$

All: -520.506 ± 0.138 $\chi^2/\text{NDF}: 2002010.6/39$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 799.559 $\pm$ 0.683 χ^2 /NDF:395764.2/3

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: 913.229 $\pm$ 0.458 χ^2 /NDF: 460308.1/6

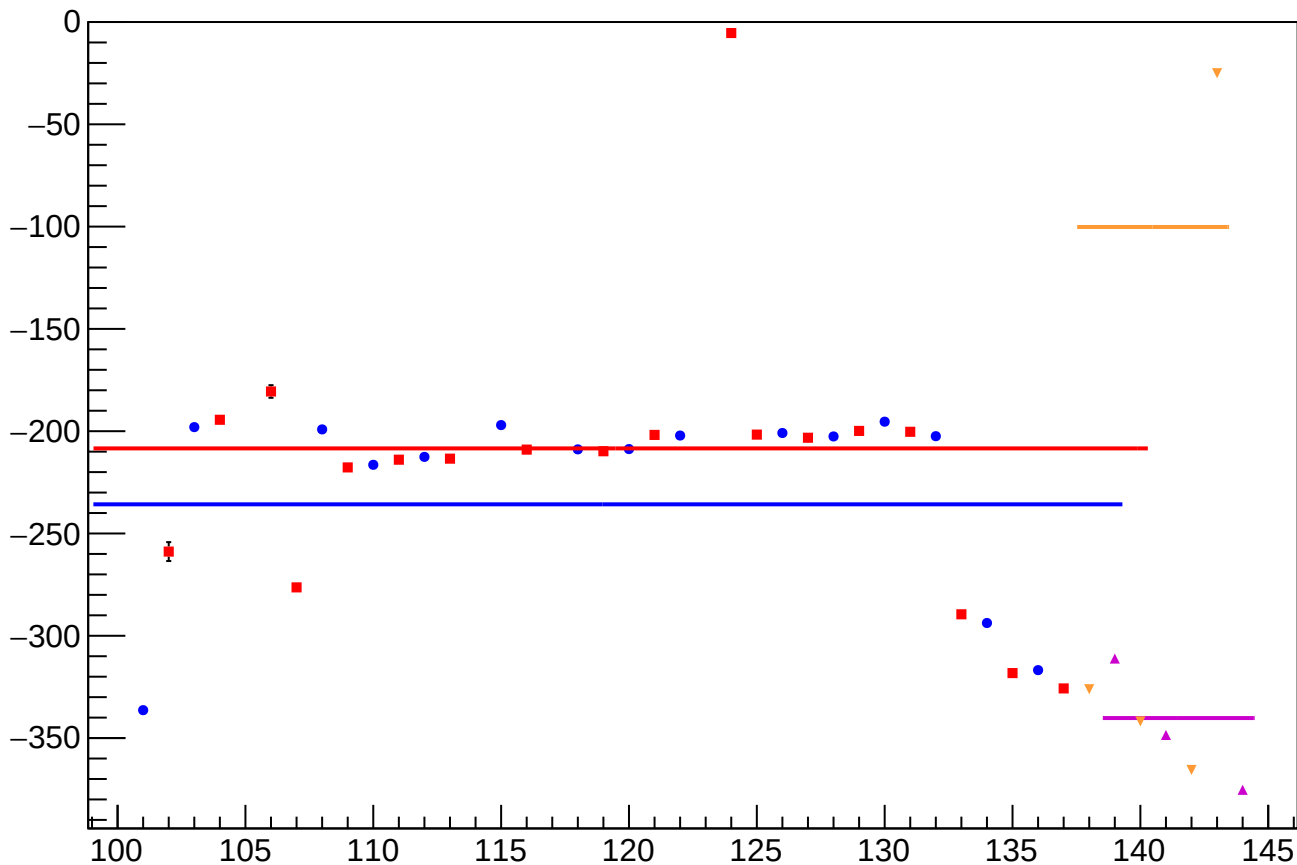
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 565.216 $\pm$ 0.209 χ^2 /NDF:1030480.8/17

Out: 558.874 $\pm$ 0.207 χ^2 /NDF:900781.6/21

All: 562.020 $\pm$ 0.147 χ^2 /NDF: 1931728.2/39

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -100.186+/-0.091 χ^2/NDF : 2220045.4/3

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: -202.908+/-0.069 χ^2/NDF : 5241657.1/6

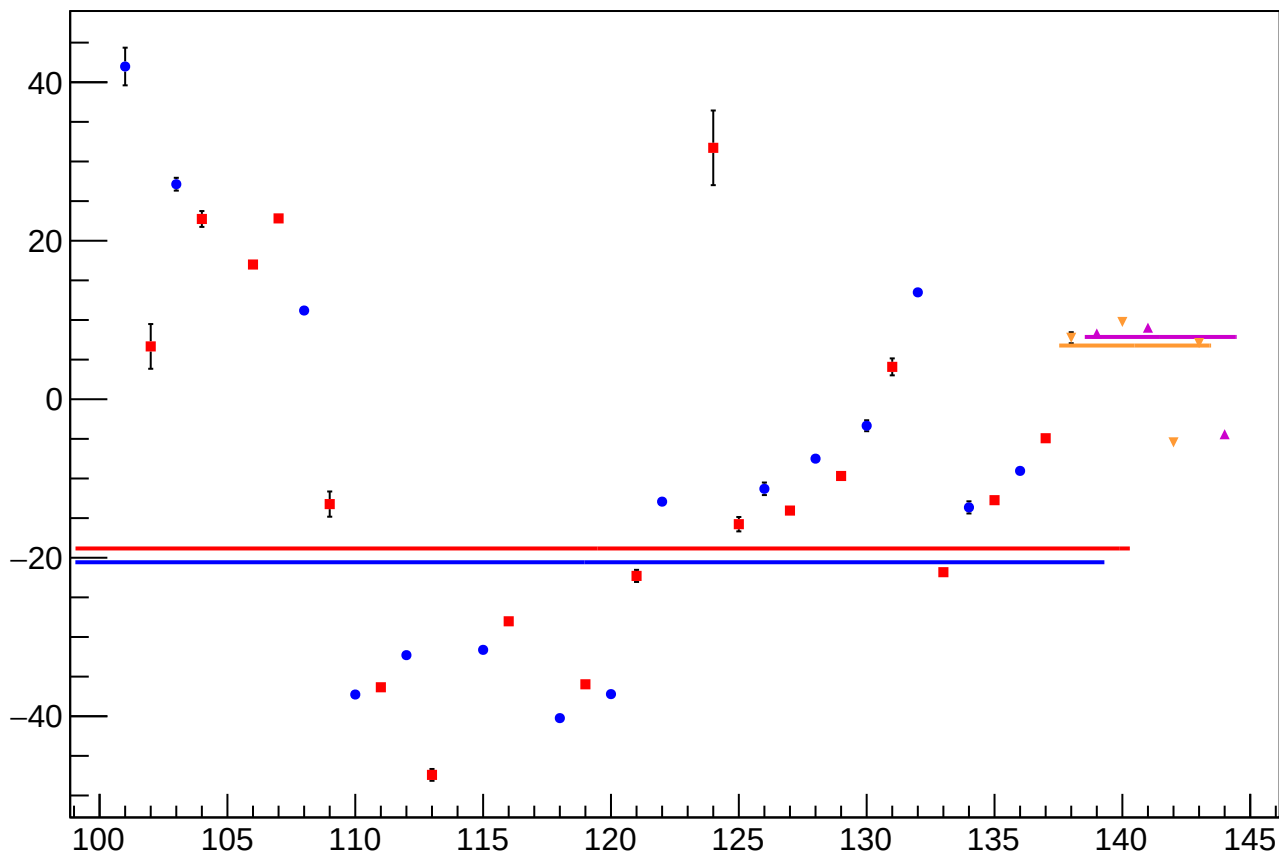
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -258.369+/-0.049 χ^2/NDF : 1685886.3/17

Out: -185.761+/-0.042 χ^2/NDF : 3716969.0/21

All: -216.232+/-0.032 χ^2/NDF : 6683360.5/39

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 6.777 ± 0.107 χ^2/NDF : 1643.1/3

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: 7.405 ± 0.069 χ^2/NDF : 3223.9/6

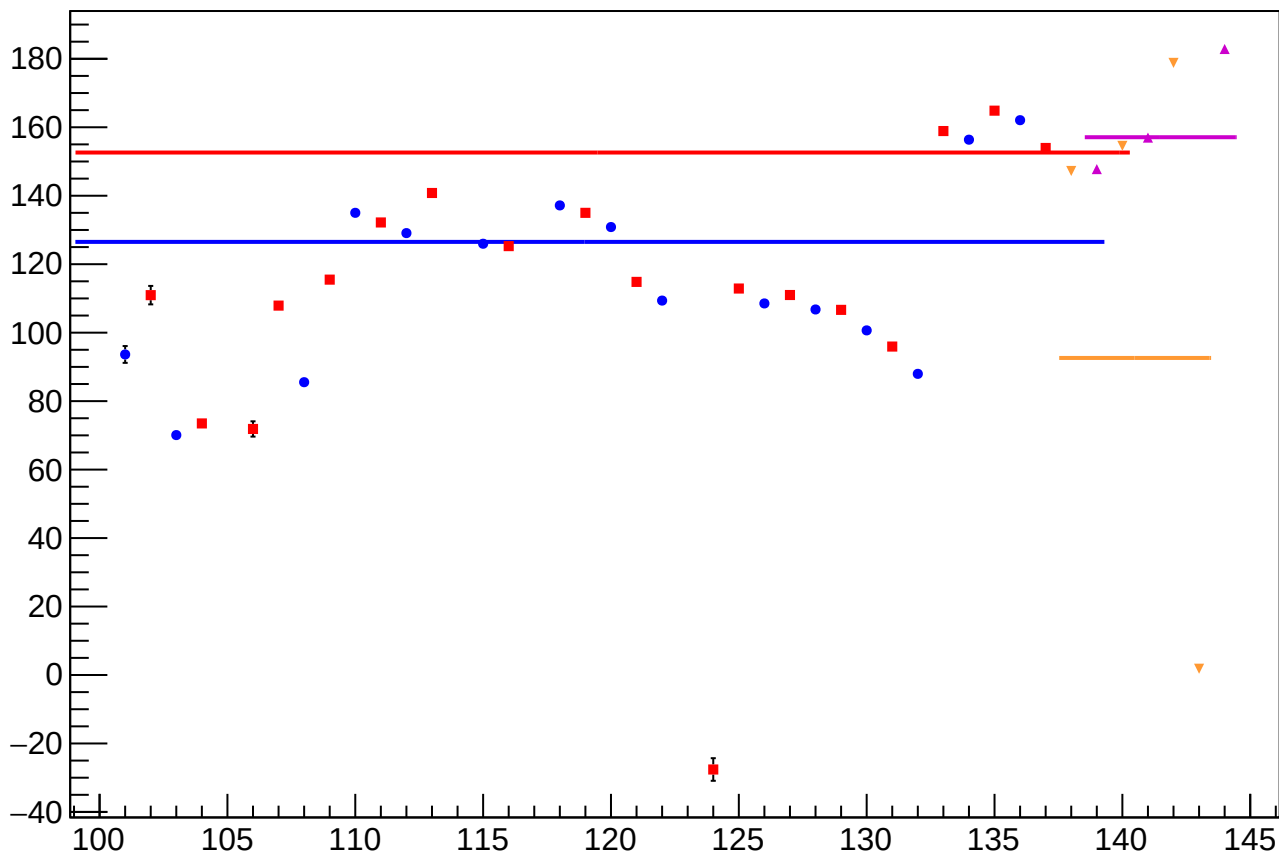
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -9.741 ± 0.056 χ^2/NDF : 125419.3/17

Out: -5.874 ± 0.076 χ^2/NDF : 50939.2/21

All: -8.374 ± 0.045 χ^2/NDF : 178035.3/39

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 92.614 $\pm$ 0.148 χ^2 /NDF:275937.3/3

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: 132.169 $\pm$ 0.092 χ^2 /NDF: 397723.1/6

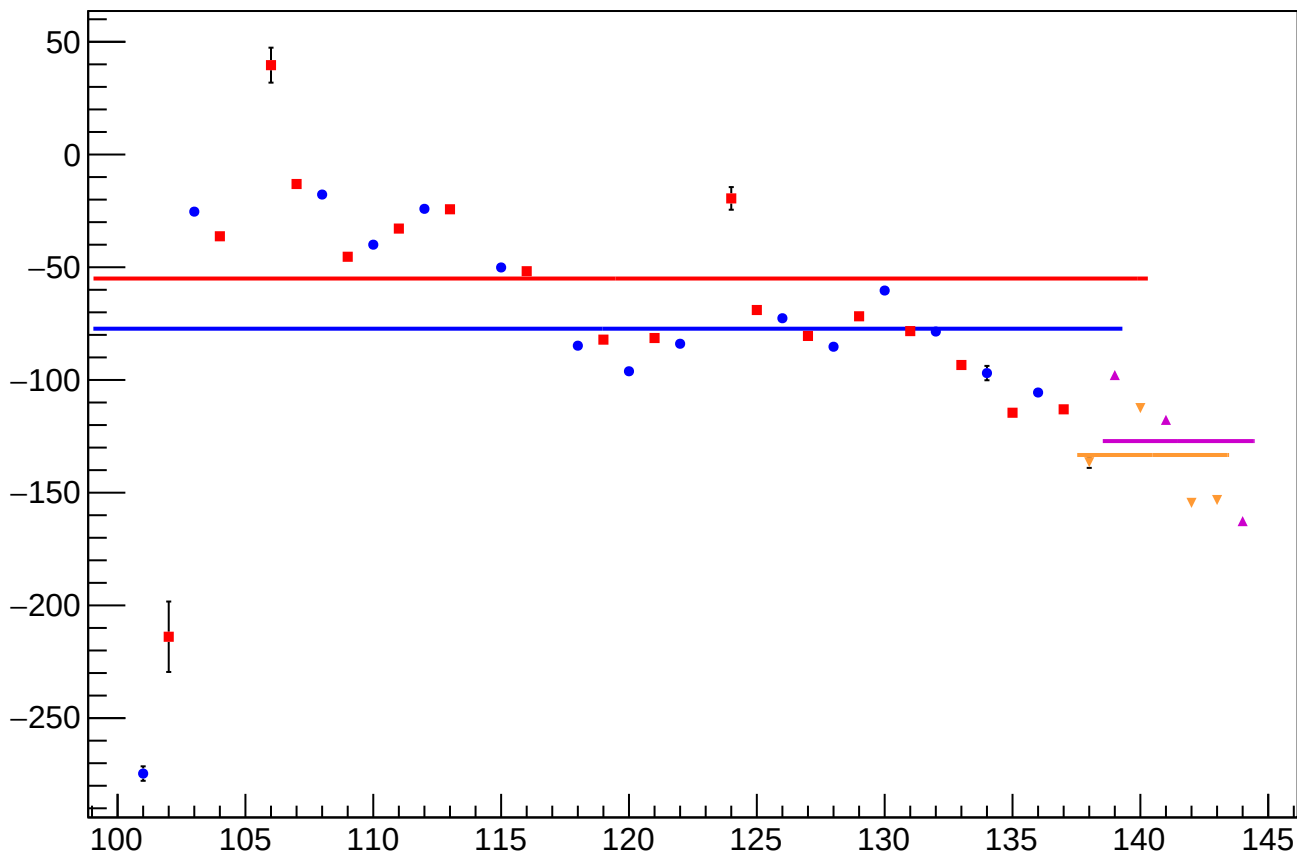
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.818 $\pm$ 0.068 χ^2 /NDF:165673.8/17

Out: 150.212 $\pm$ 0.030 χ^2 /NDF:506771.9/21

All: 148.083 $\pm$ 0.027 χ^2 /NDF: 704697.9/39

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -133.279 ± 0.283 $\chi^2/\text{NDF}: 5202.0/3$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -127.109 ± 0.250 $\chi^2/\text{NDF}: 7678.9/2$

Left: -129.812 ± 0.188 $\chi^2/\text{NDF}: 13147.4/6$

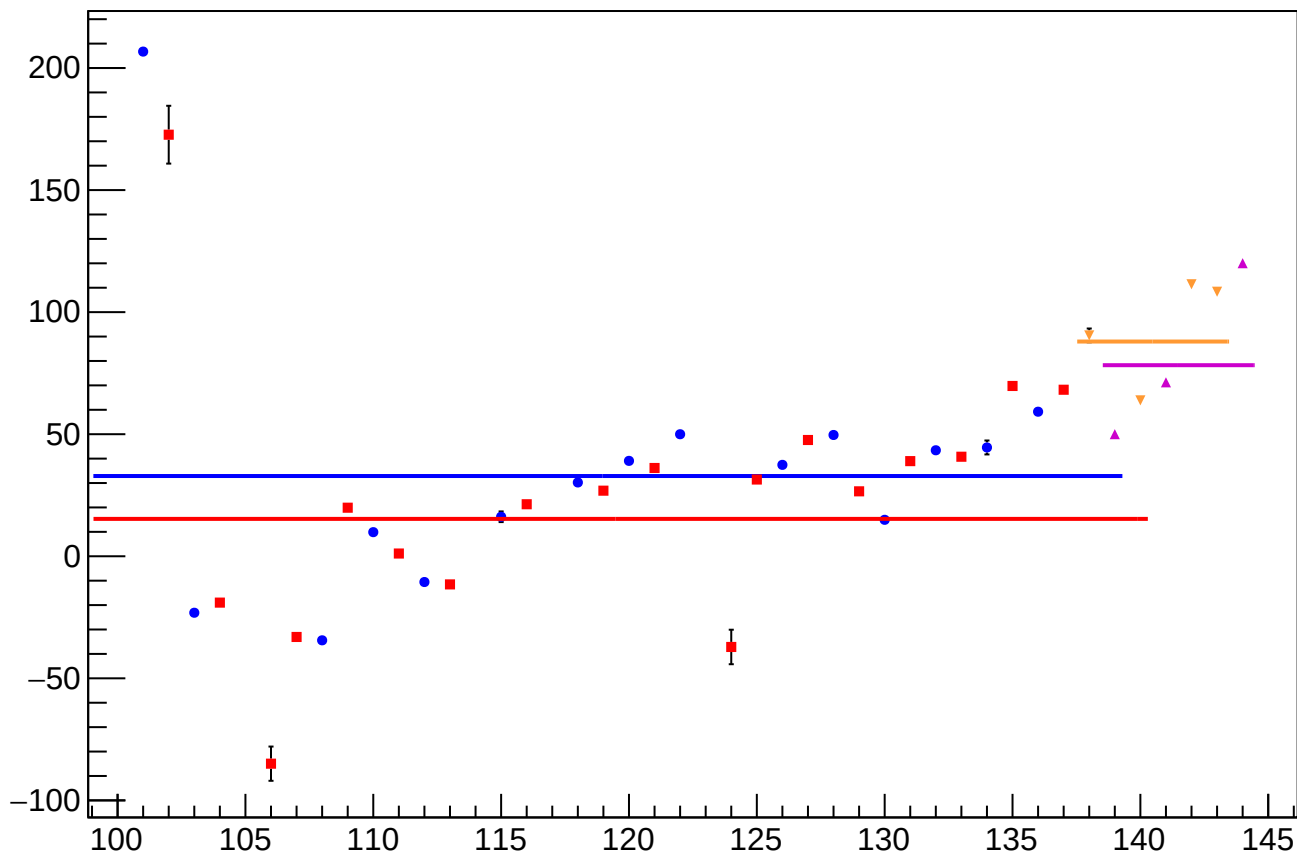
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -89.982 ± 0.126 $\chi^2/\text{NDF}: 67600.6/17$

Out: -79.330 ± 0.158 $\chi^2/\text{NDF}: 81427.3/21$

All: -85.824 ± 0.099 $\chi^2/\text{NDF}: 151800.5/39$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 87.959+/-0.279 χ^2/NDF : 6562.5/3

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 78.268+/-0.241 χ^2/NDF : 8309.9/2

Left: 82.419+/-0.182 χ^2/NDF : 15563.3/6

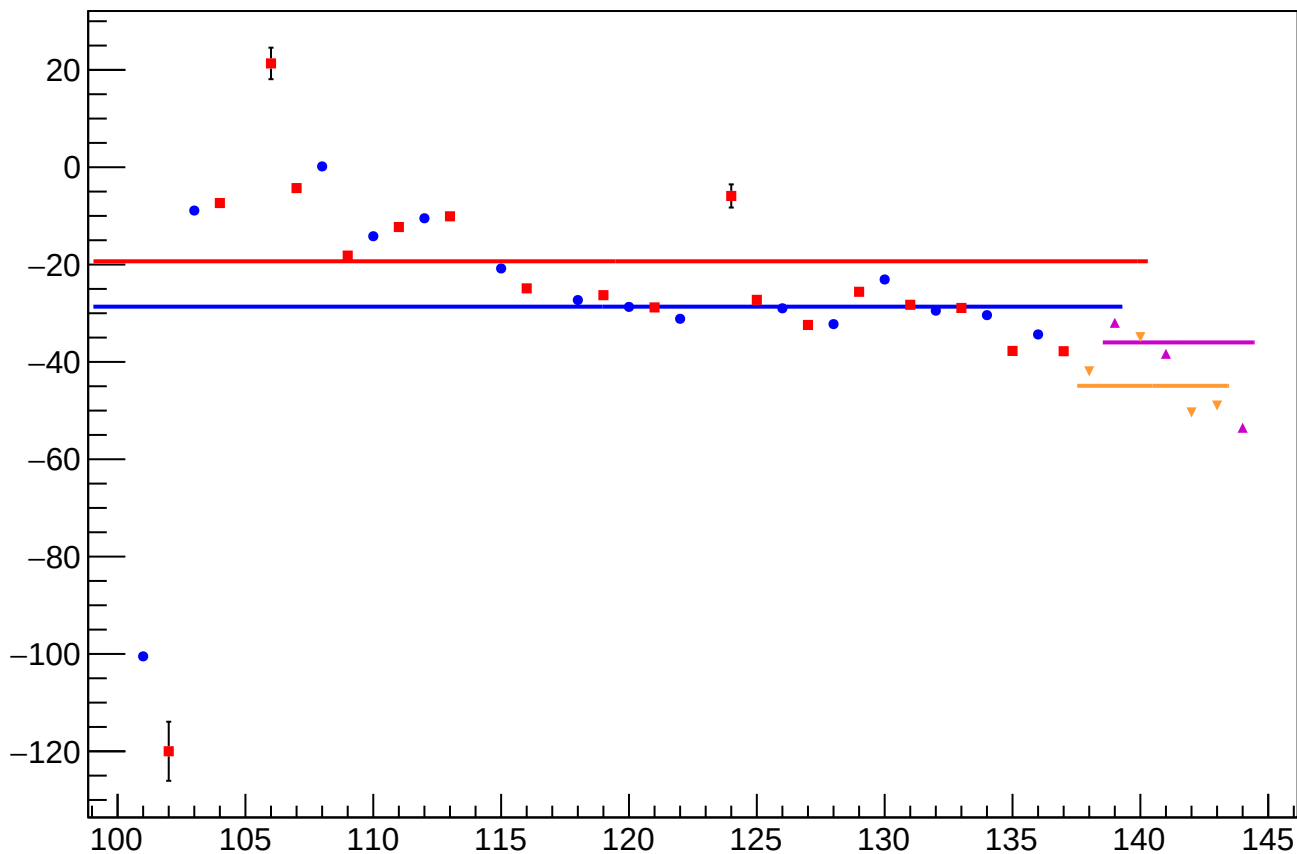
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 45.038+/-0.125 χ^2/NDF : 65618.5/17

Out: 41.559+/-0.168 χ^2/NDF : 66689.8/21

All: 43.795+/-0.100 χ^2/NDF : 132585.4/39

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -44.909 ± 0.062 $\chi^2/\text{NDF}: 11036.4/3$

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: -38.956 ± 0.036 $\chi^2/\text{NDF}: 41873.7/6$

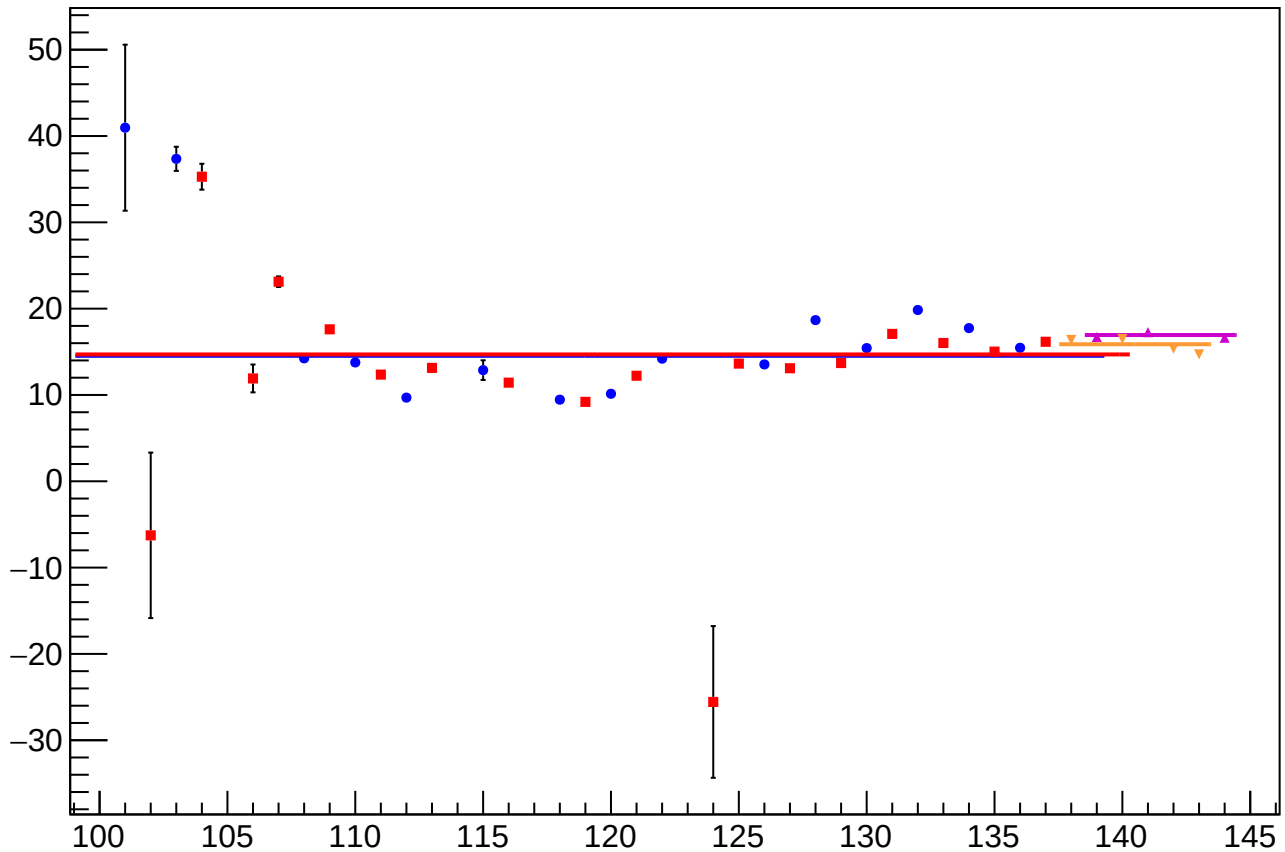
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -31.449 ± 0.027 $\chi^2/\text{NDF}: 147958.0/17$

Out: -26.687 ± 0.033 $\chi^2/\text{NDF}: 189245.0/21$

All: -29.558 ± 0.021 $\chi^2/\text{NDF}: 349592.1/39$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.876+/-0.038 χ^2/NDF : 439.2/3

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.944+/-0.041 χ^2/NDF : 54.3/2

Left: 16.359+/-0.028 χ^2/NDF : 858.8/6

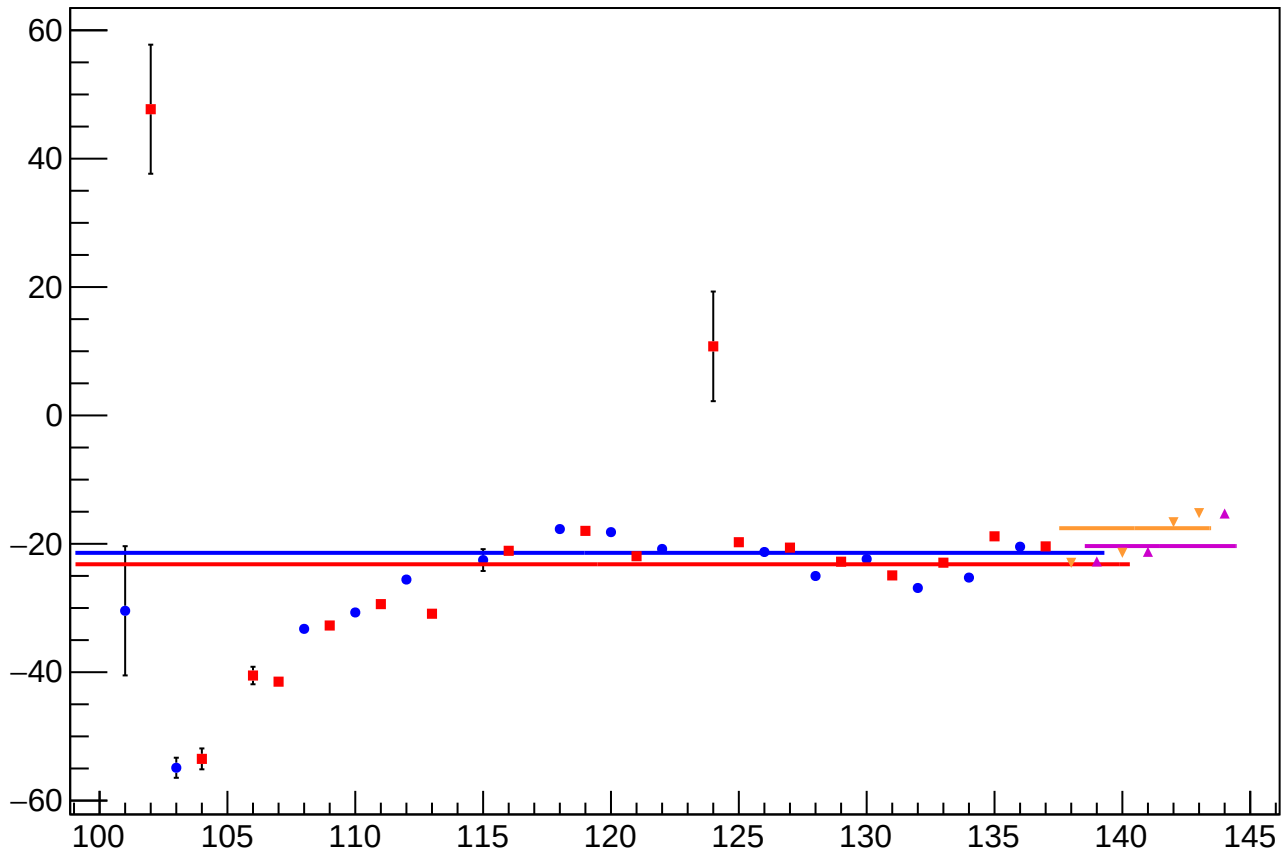
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.361+/-0.024 χ^2/NDF : 14352.2/17

Out: 15.372+/-0.028 χ^2/NDF : 2494.2/21

All: 15.366+/-0.018 χ^2/NDF : 16846.5/39

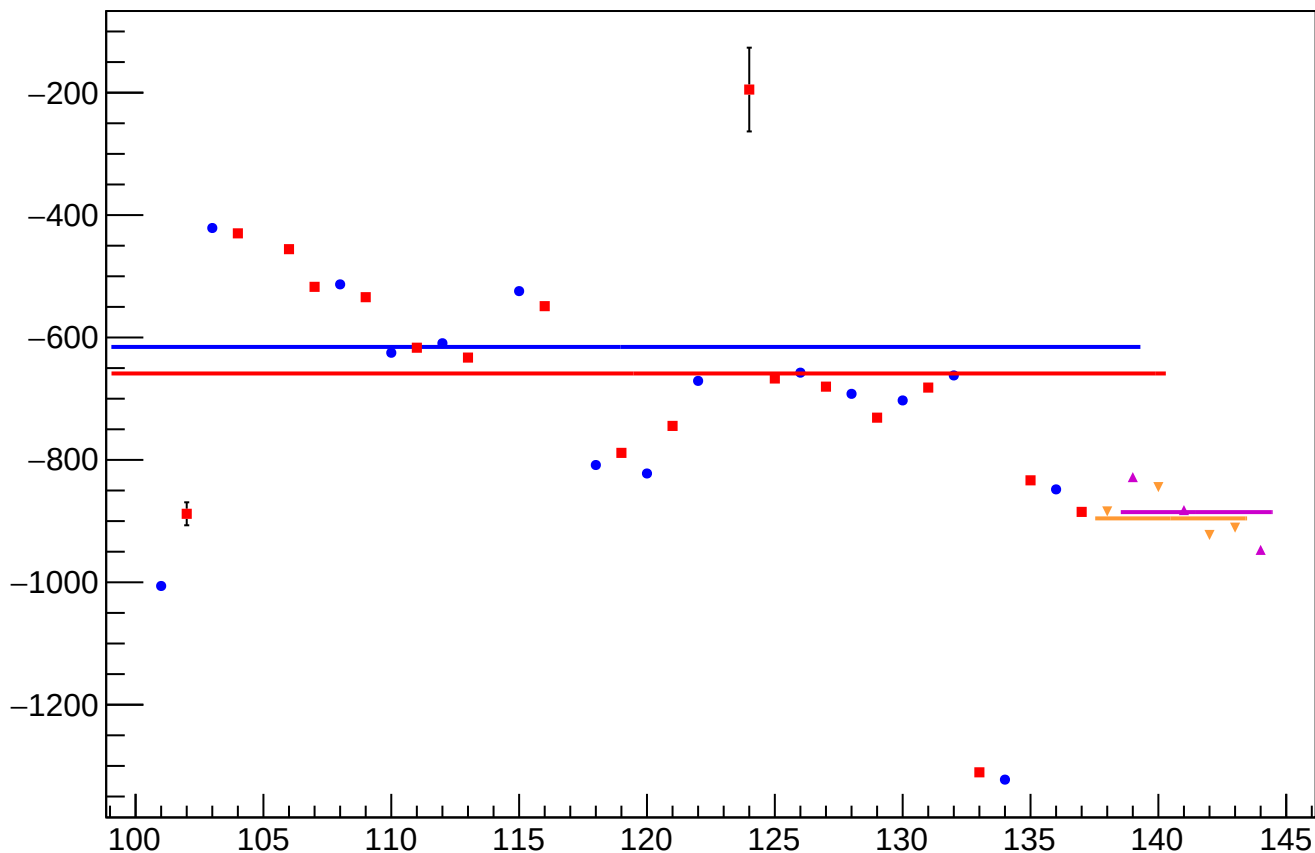
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 $\pm$ 0.036 χ^2/NDF : 9686.6/14
 Left Out: -17.566 $\pm$ 0.043 χ^2/NDF : 4842.8/3
 Right Out: -23.186 $\pm$ 0.051 χ^2/NDF : 9126.8/17
 Left In: -20.350 $\pm$ 0.065 χ^2/NDF : 2247.3/2

Left: -18.411 $\pm$ 0.036 χ^2/NDF : 8361.2/6
 Right: -21.987 $\pm$ 0.029 χ^2/NDF : 19630.5/32
 In: -21.164 $\pm$ 0.031 χ^2/NDF : 12136.5/17
 Out: -19.896 $\pm$ 0.033 χ^2/NDF : 21048.3/21
 All: -20.563 $\pm$ 0.023 χ^2/NDF : 33965.7/39

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -895.570 ± 0.595 $\chi^2/\text{NDF}: 2818.8/3$

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: -889.801 ± 0.394 $\chi^2/\text{NDF}: 10862.2/6$

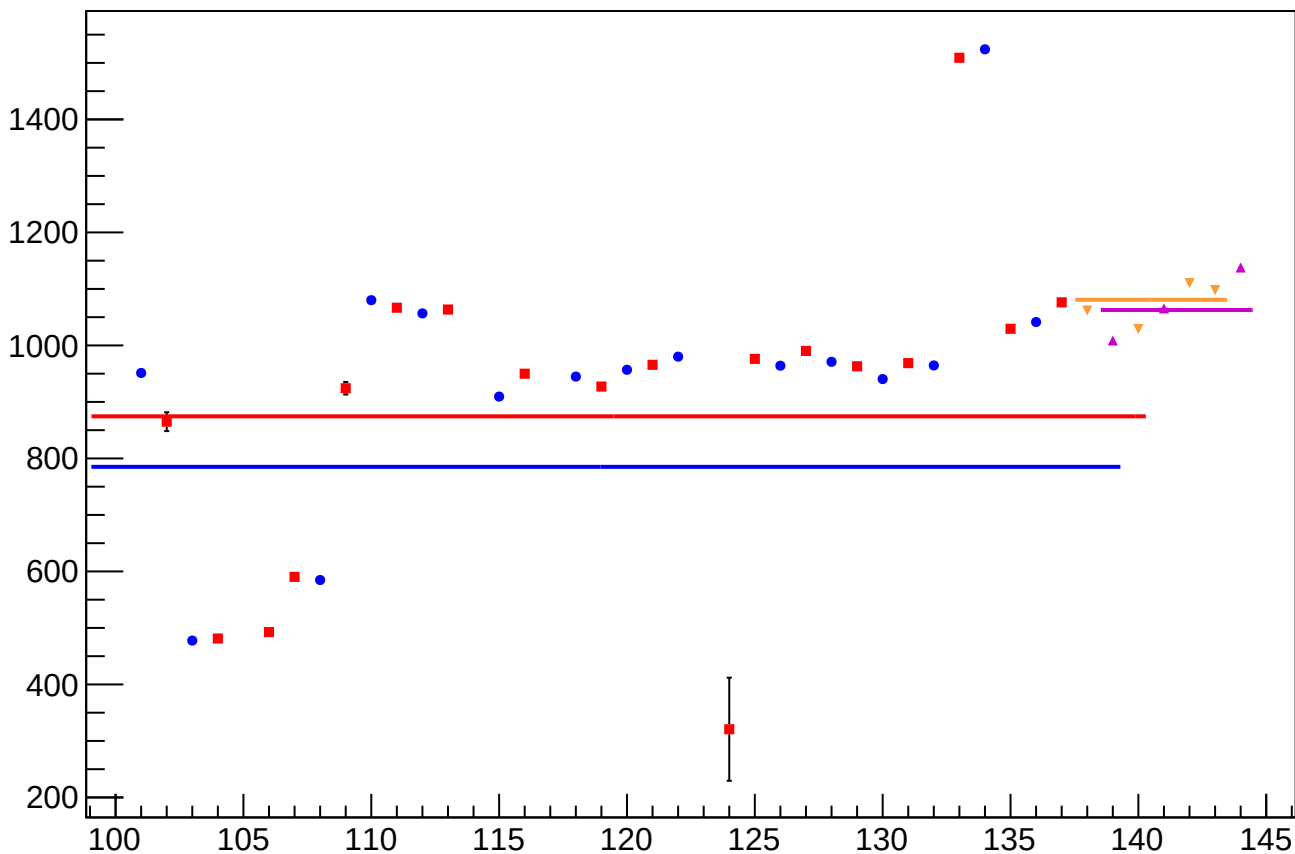
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -661.237 ± 0.216 $\chi^2/\text{NDF}: 609732.1/17$

Out: -695.846 ± 0.235 $\chi^2/\text{NDF}: 521664.7/21$

All: -677.097 ± 0.159 $\chi^2/\text{NDF}: 1143107.3/39$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 1080.842 $\pm$ 0.593 χ^2/NDF : 3214.2/3

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 1062.654 $\pm$ 0.503 χ^2/NDF : 9847.7/2

Left: 1070.262 $\pm$ 0.384 χ^2/NDF : 13608.8/6

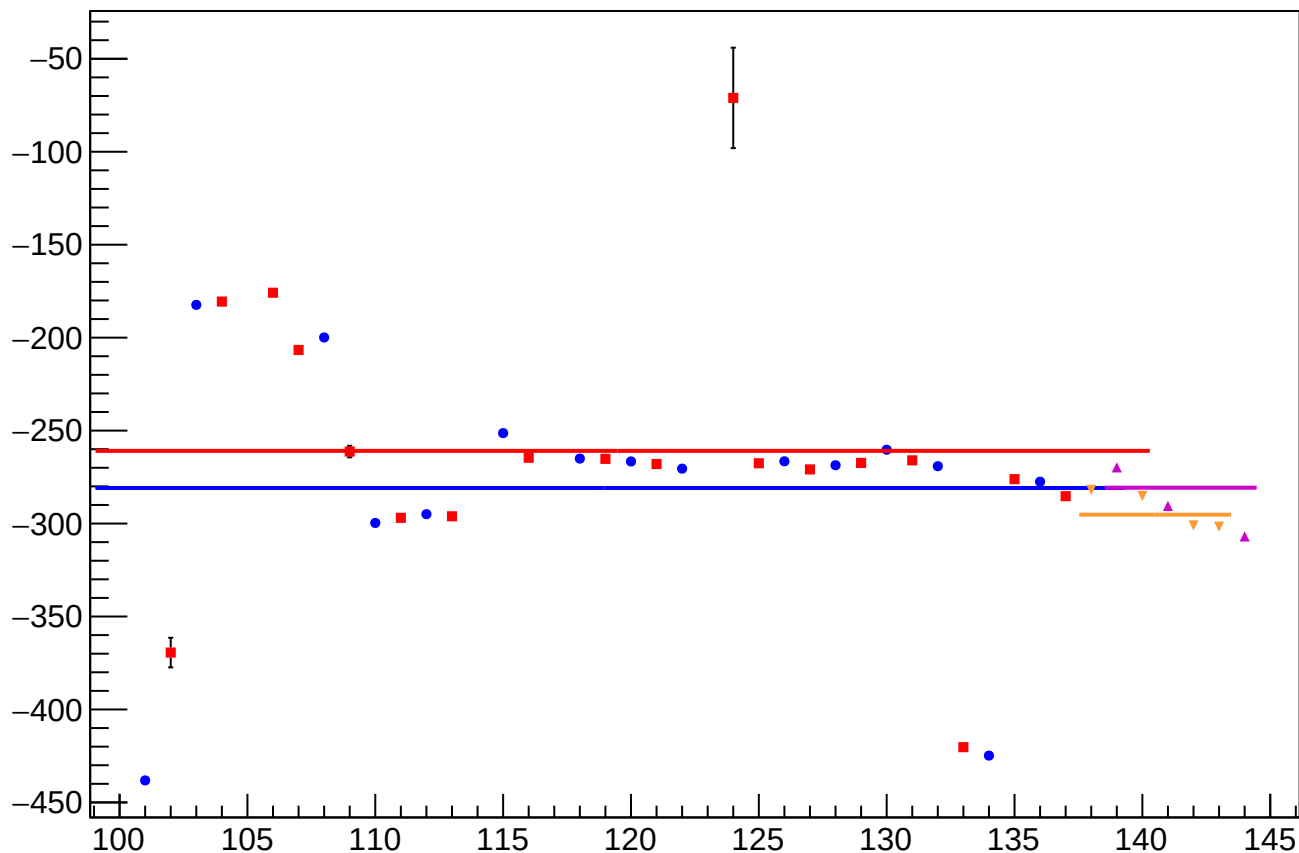
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 832.415 $\pm$ 0.208 χ^2/NDF : 1148562.8/17

Out: 908.039 $\pm$ 0.239 χ^2/NDF : 947113.6/21

All: 864.938 $\pm$ 0.157 χ^2/NDF : 2152694.2/39

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -295.233 ± 0.108 $\chi^2/\text{NDF}: 5598.7/3$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -280.708 ± 0.065 $\chi^2/\text{NDF}: 38165.7/2$

Left: -284.567 ± 0.055 $\chi^2/\text{NDF}: 57146.2/6$

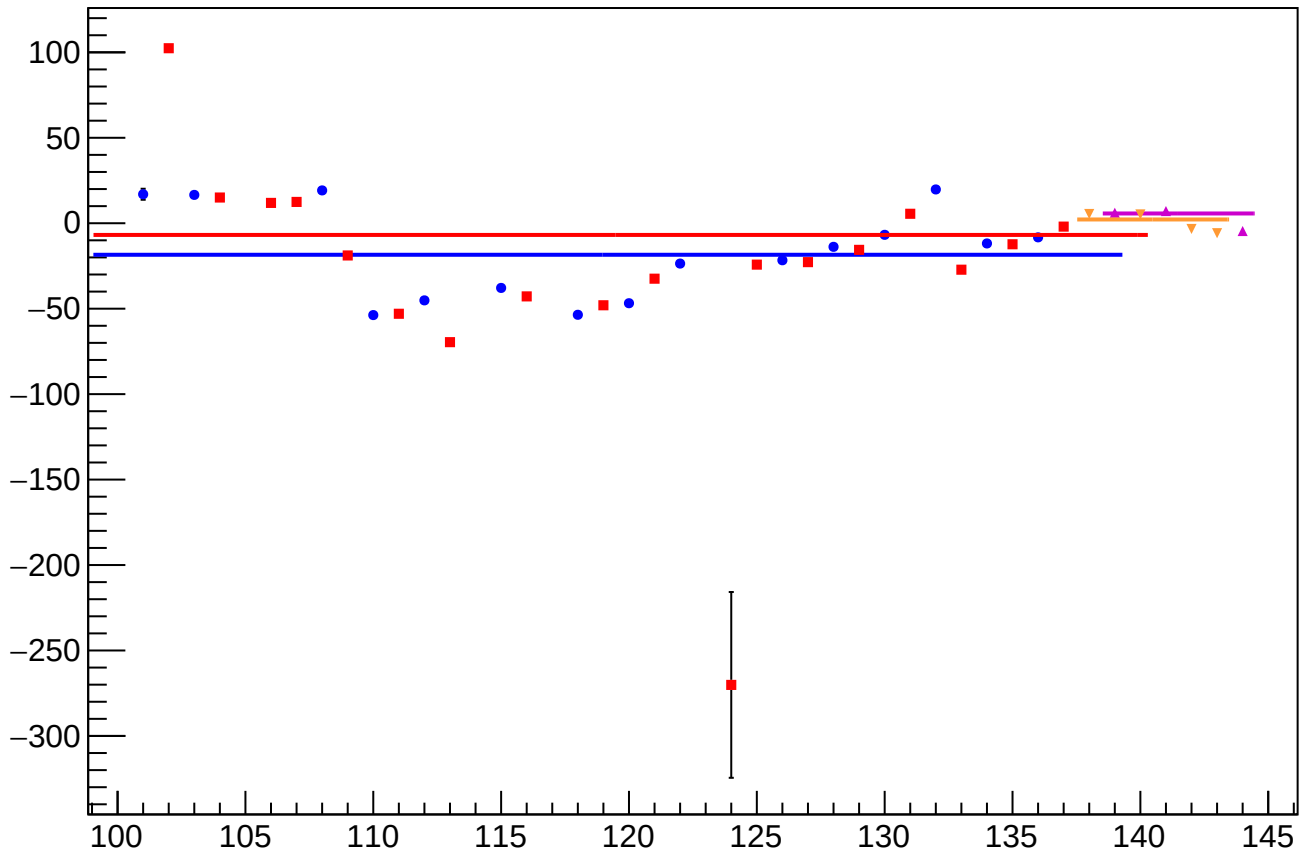
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -280.789 ± 0.043 $\chi^2/\text{NDF}: 911779.7/17$

Out: -270.605 ± 0.057 $\chi^2/\text{NDF}: 426356.4/21$

All: -277.069 ± 0.035 $\chi^2/\text{NDF}: 1358243.1/39$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 2.201 ± 0.100 $\chi^2/\text{NDF}: 2066.3/3$

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: 4.190 ± 0.066 $\chi^2/\text{NDF}: 4365.5/6$

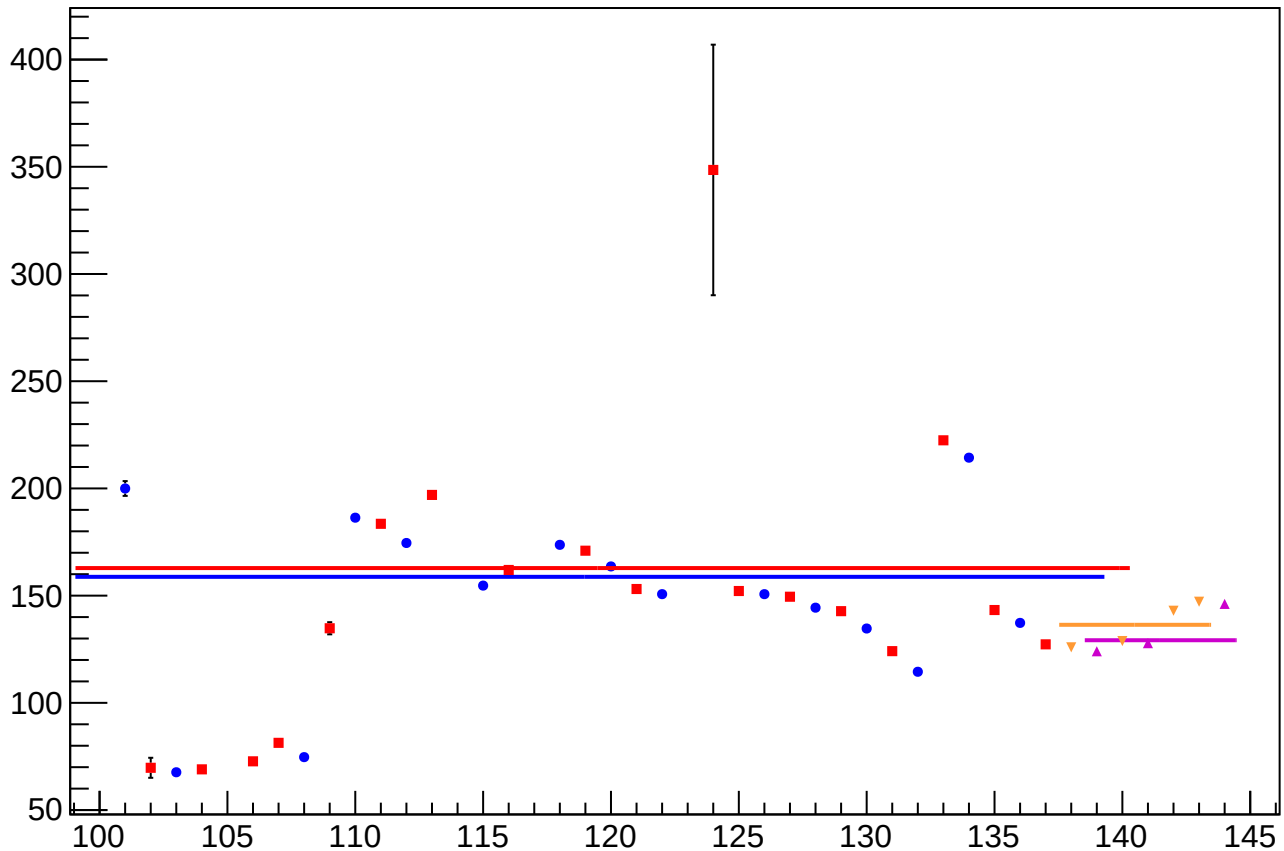
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.877 ± 0.063 $\chi^2/\text{NDF}: 84653.3/17$

Out: -4.188 ± 0.054 $\chi^2/\text{NDF}: 57848.7/21$

All: -4.905 ± 0.041 $\chi^2/\text{NDF}: 142913.2/39$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 136.398 ± 0.121 χ^2/NDF : 4968.3/3

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 129.202 ± 0.100 χ^2/NDF : 4288.4/2

Left: 132.108 ± 0.077 χ^2/NDF : 11367.9/6

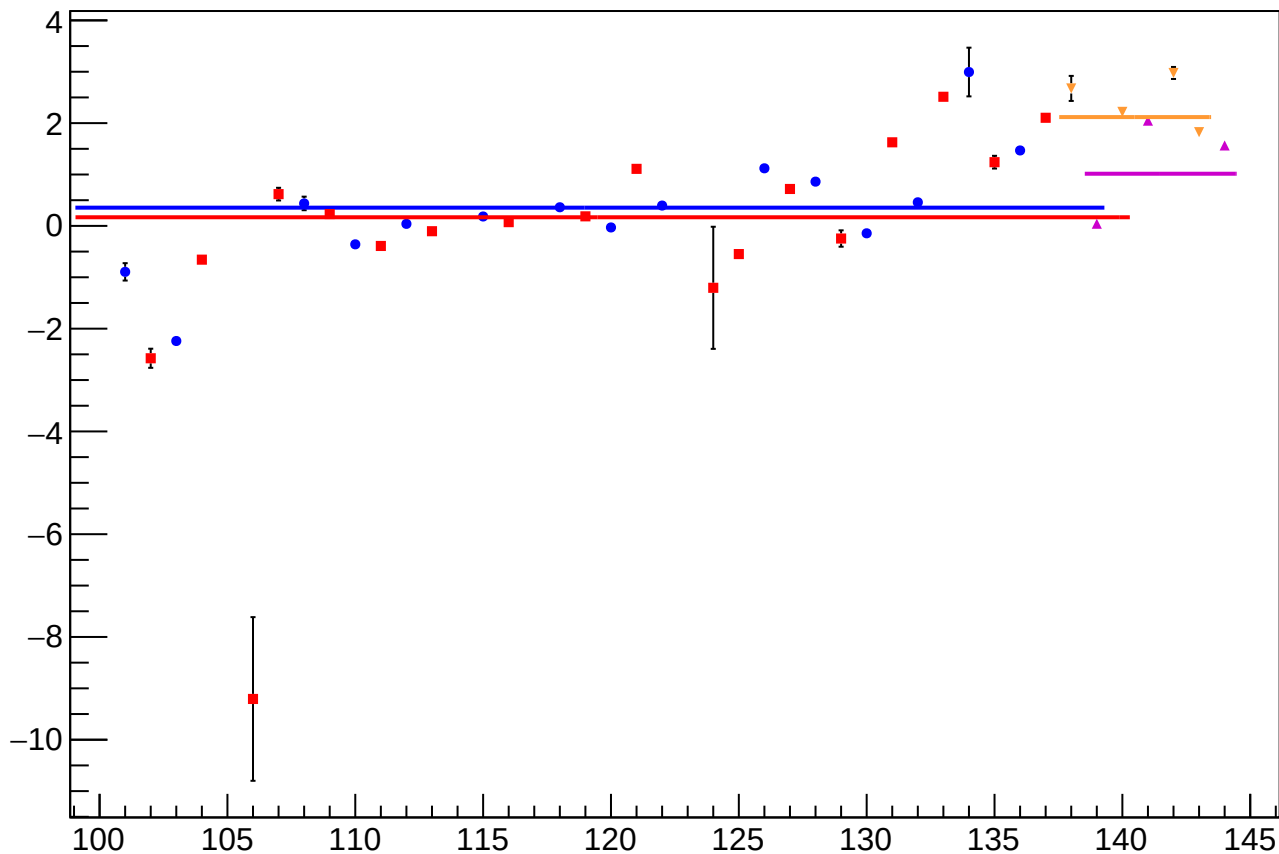
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 145.747 ± 0.066 χ^2/NDF : 212693.9/17

Out: 152.989 ± 0.074 χ^2/NDF : 191155.1/21

All: 148.965 ± 0.049 χ^2/NDF : 409191.7/39

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 2.118 ± 0.032 χ^2/NDF : 99.4/3

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 ± 0.017 χ^2/NDF : 2981.5/6

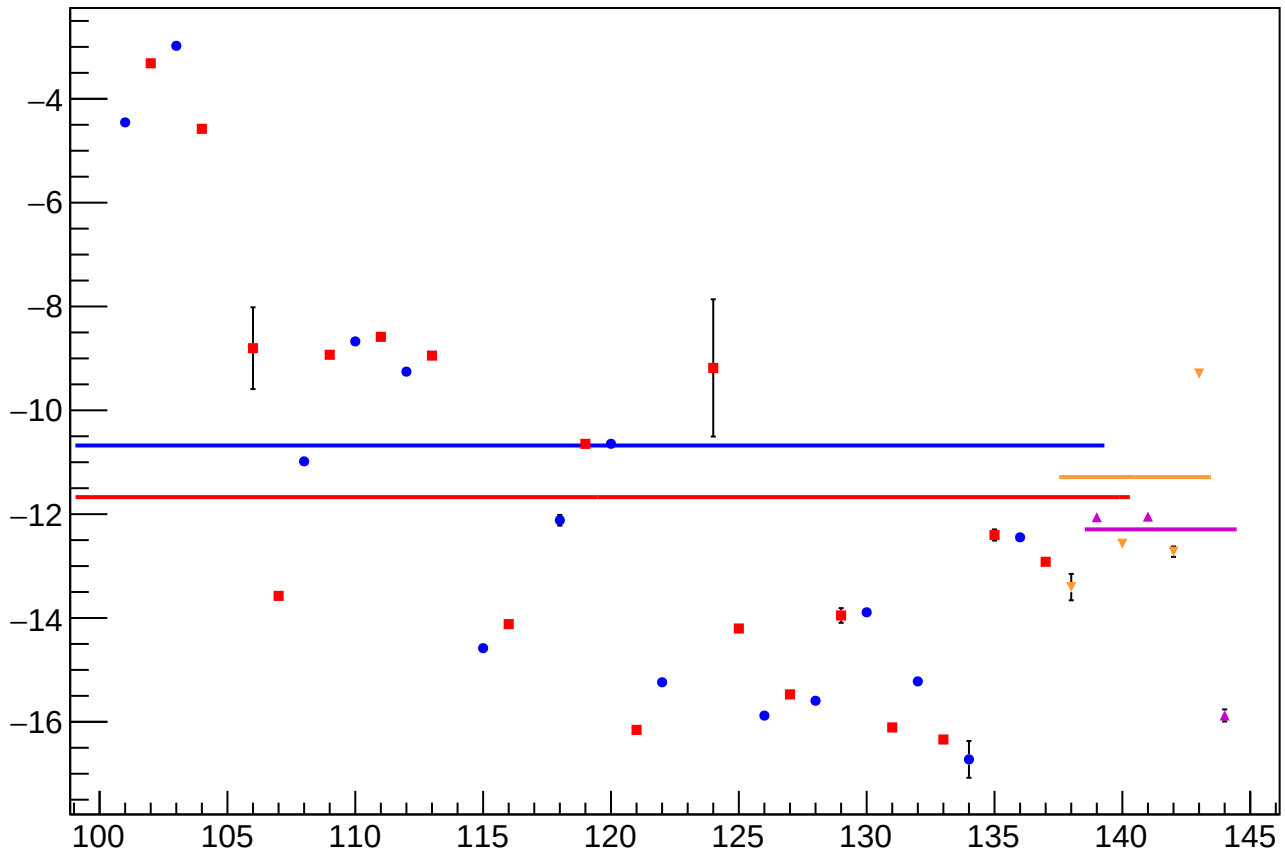
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.532 ± 0.010 χ^2/NDF : 6874.9/17

Out: 0.273 ± 0.007 χ^2/NDF : 8188.9/21

All: 0.365 ± 0.006 χ^2/NDF : 15495.0/39

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 χ^2/NDF : 226791.0/14

Left Out: -11.286 ± 0.027 χ^2/NDF : 3720.8/3

Right Out: -11.672 ± 0.012 χ^2/NDF : 107844.6/17

Left In: -12.293 ± 0.029 χ^2/NDF : 1014.9/2

Left: -11.739 ± 0.020 χ^2/NDF : 5380.3/6

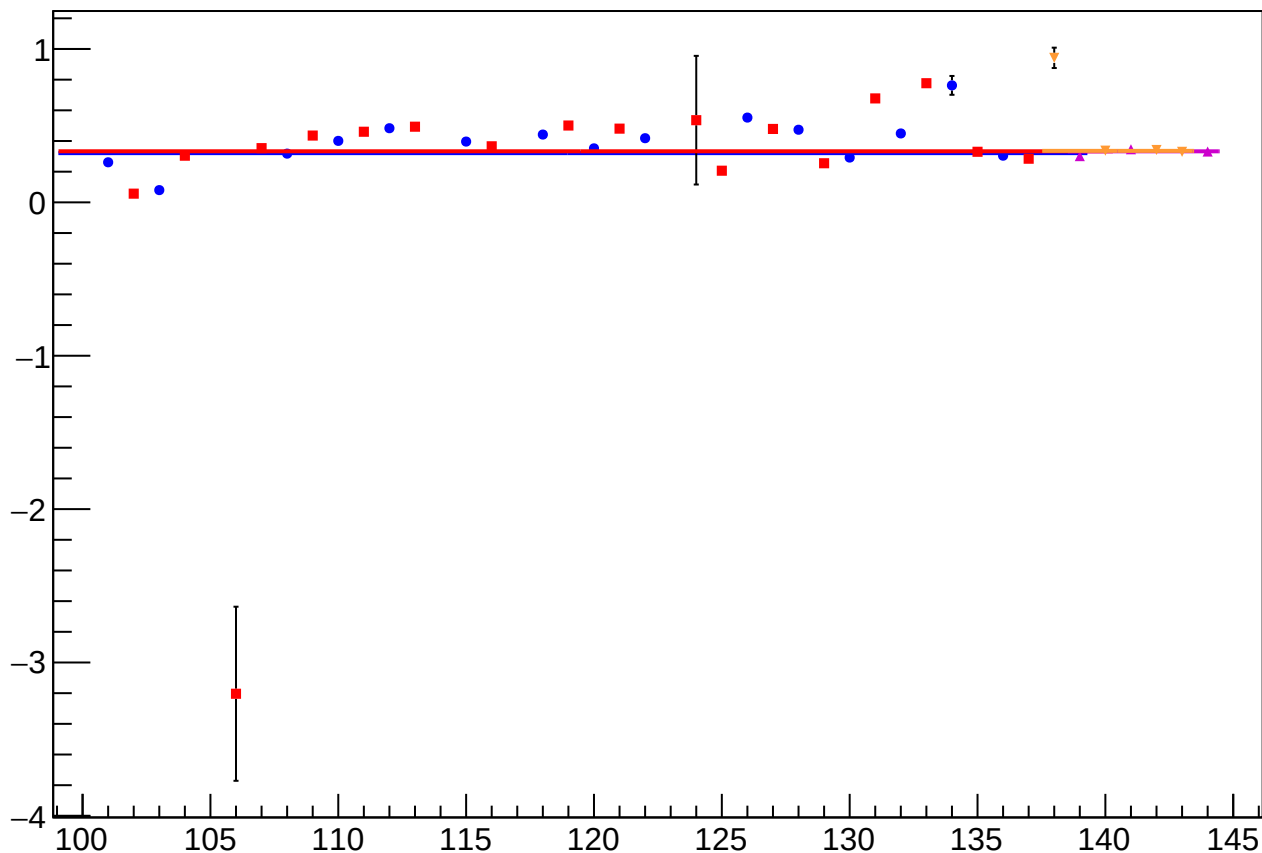
Right: -11.113 ± 0.008 χ^2/NDF : 338735.1/32

In: -10.853 ± 0.010 χ^2/NDF : 230493.4/17

Out: -11.610 ± 0.011 χ^2/NDF : 111742.0/21

All: -11.196 ± 0.007 χ^2/NDF : 344988.5/39

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.336+/-0.001 χ^2/NDF :136.2/3

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.333+/-0.001 χ^2/NDF :261.8/2

Left: 0.334+/-0.001 χ^2/NDF : 406.2/6

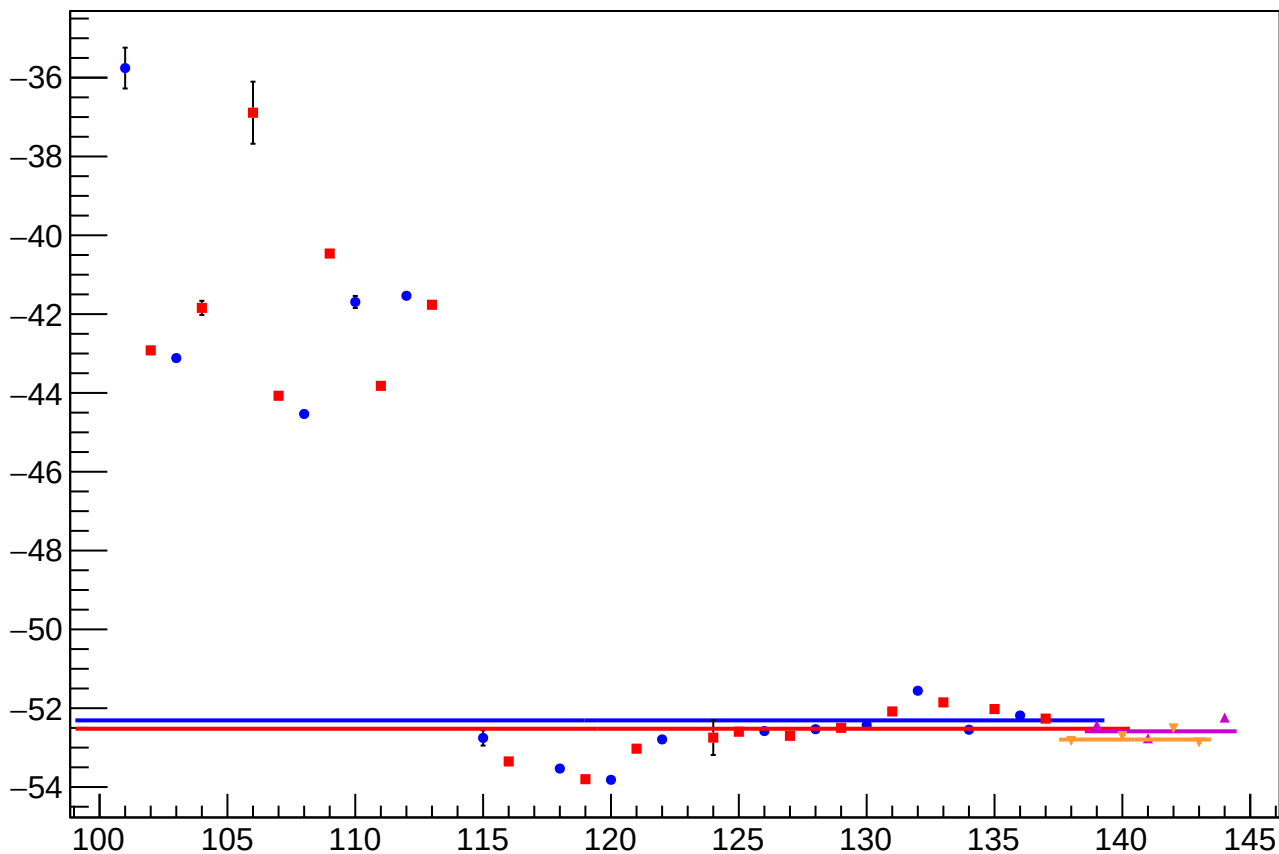
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.328+/-0.001 χ^2/NDF :4375.2/17

Out: 0.335+/-0.001 χ^2/NDF :4309.7/21

All: 0.331+/-0.000 χ^2/NDF : 8752.3/39

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -52.795 $\pm$ 0.006 χ^2 /NDF:490.0/3

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -52.586 $\pm$ 0.006 χ^2 /NDF:1017.5/2

Left: -52.704 $\pm$ 0.004 χ^2 /NDF: 2114.6/6

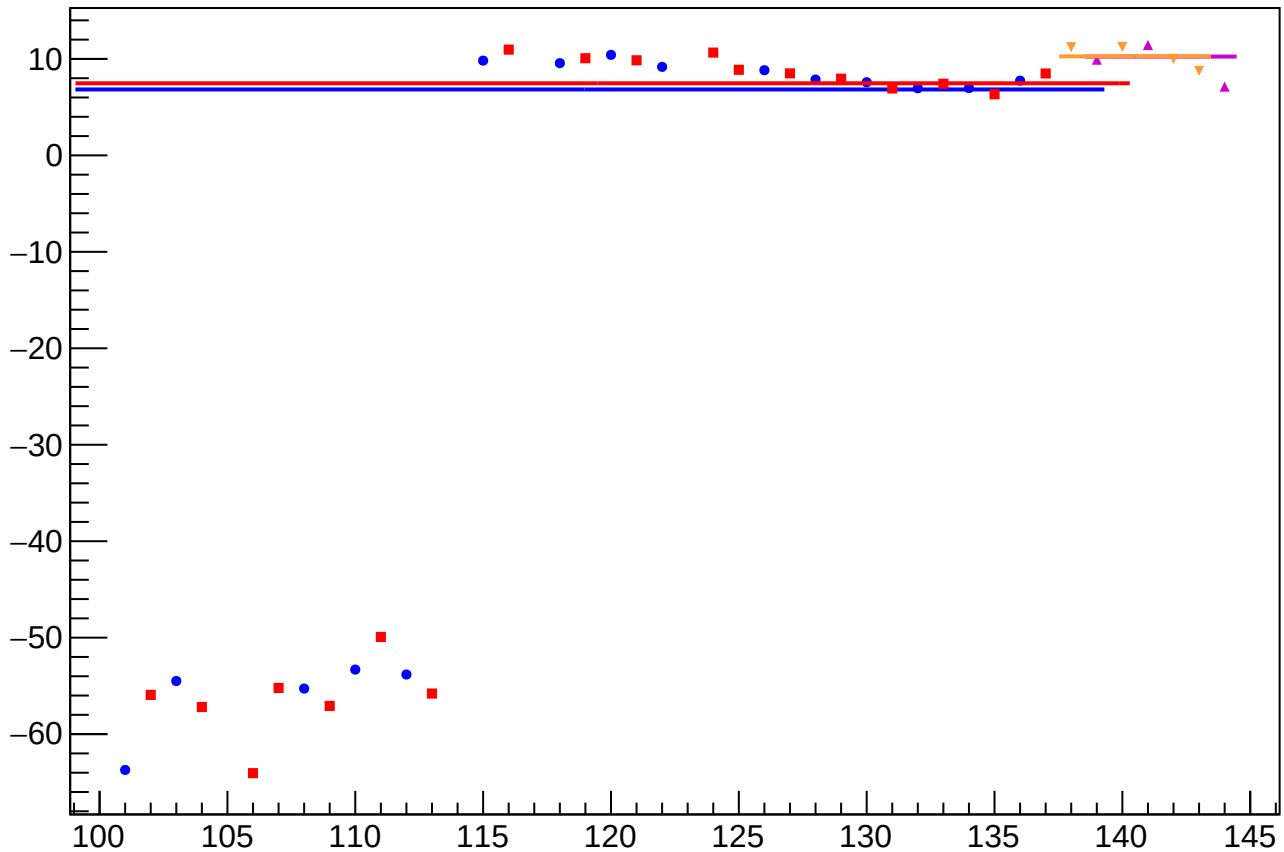
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.399 $\pm$ 0.004 χ^2 /NDF:55755.3/17

Out: -52.632 $\pm$ 0.004 χ^2 /NDF:78542.3/21

All: -52.518 $\pm$ 0.003 χ^2 /NDF: 136401.9/39

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 10.266 $\pm$ 0.013 χ^2 /NDF: 6382.5/3

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: 10.258 $\pm$ 0.011 χ^2 /NDF: 9326.2/6

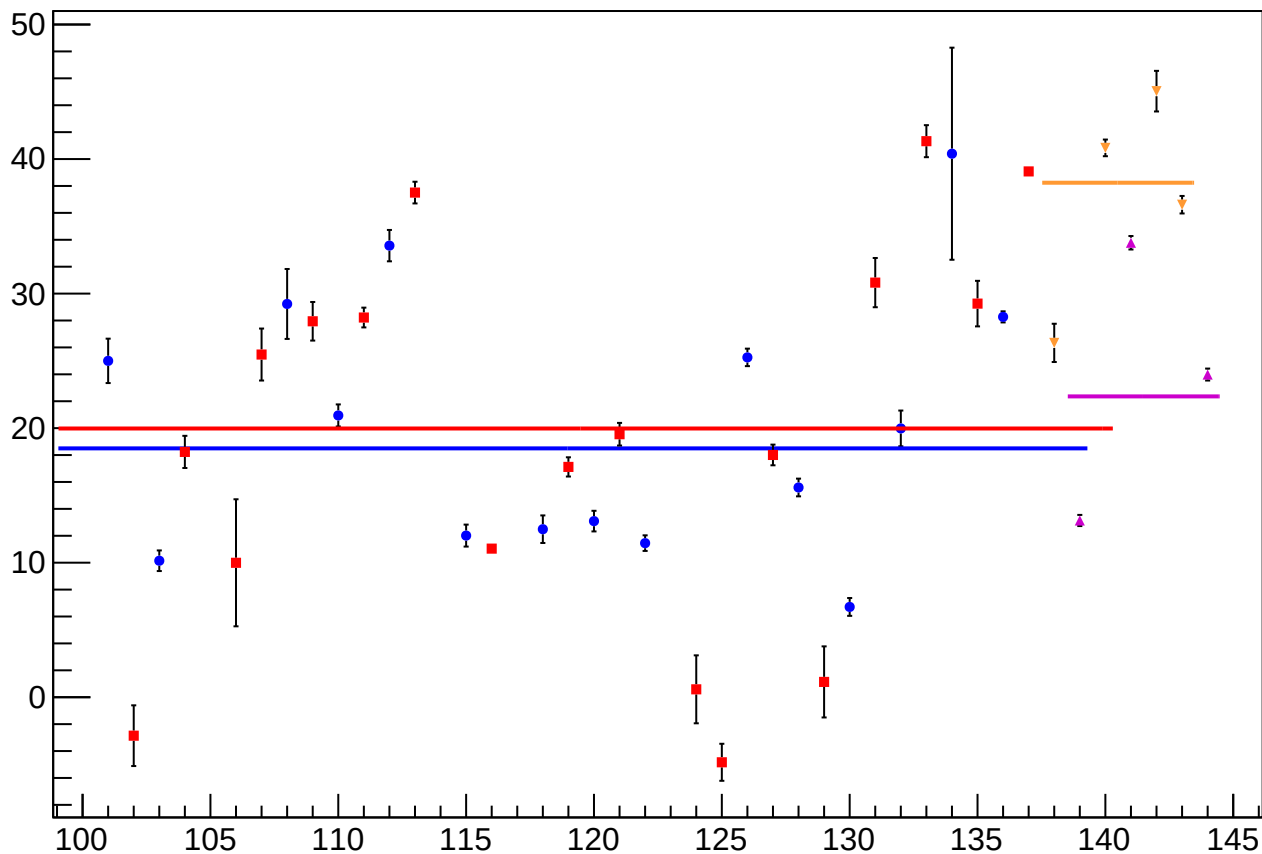
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.080 $\pm$ 0.005 χ^2 /NDF: 1026314.1/17

Out: 8.393 $\pm$ 0.008 χ^2 /NDF: 1231585.7/21

All: 7.462 $\pm$ 0.004 χ^2 /NDF: 2278980.1/39

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 38.241 $\pm$ 0.412 χ^2 /NDF:114.2/3

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: 26.872 $\pm$ 0.219 χ^2 /NDF: 2209.0/6

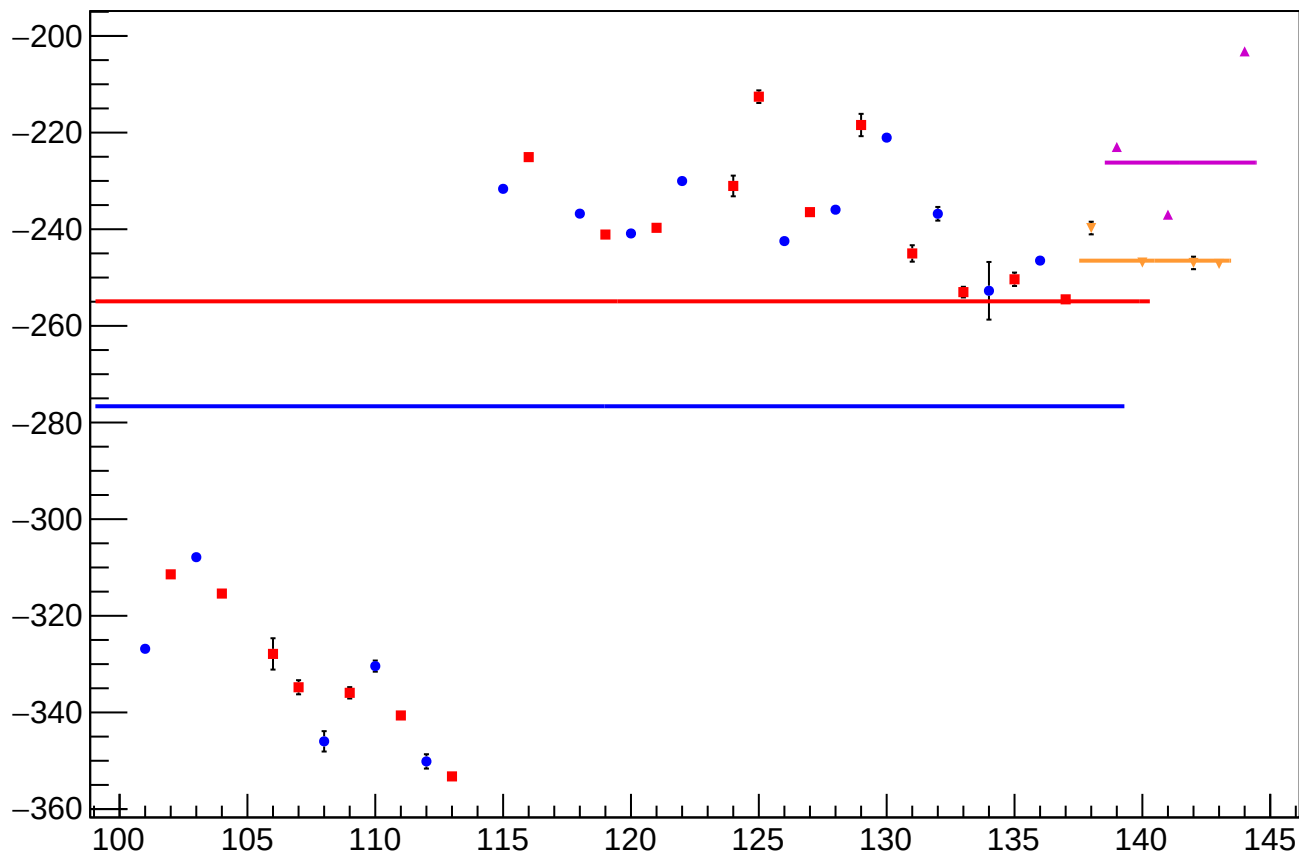
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 19.938 $\pm$ 0.158 χ^2 /NDF:2804.7/17

Out: 21.635 $\pm$ 0.124 χ^2 /NDF:11106.5/21

All: 20.989 $\pm$ 0.098 χ^2 /NDF: 13982.3/39

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -246.503 $\pm$ 0.355 χ^2 /NDF:28.7/3

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: -233.132 $\pm$ 0.208 χ^2 /NDF: 3857.5/6

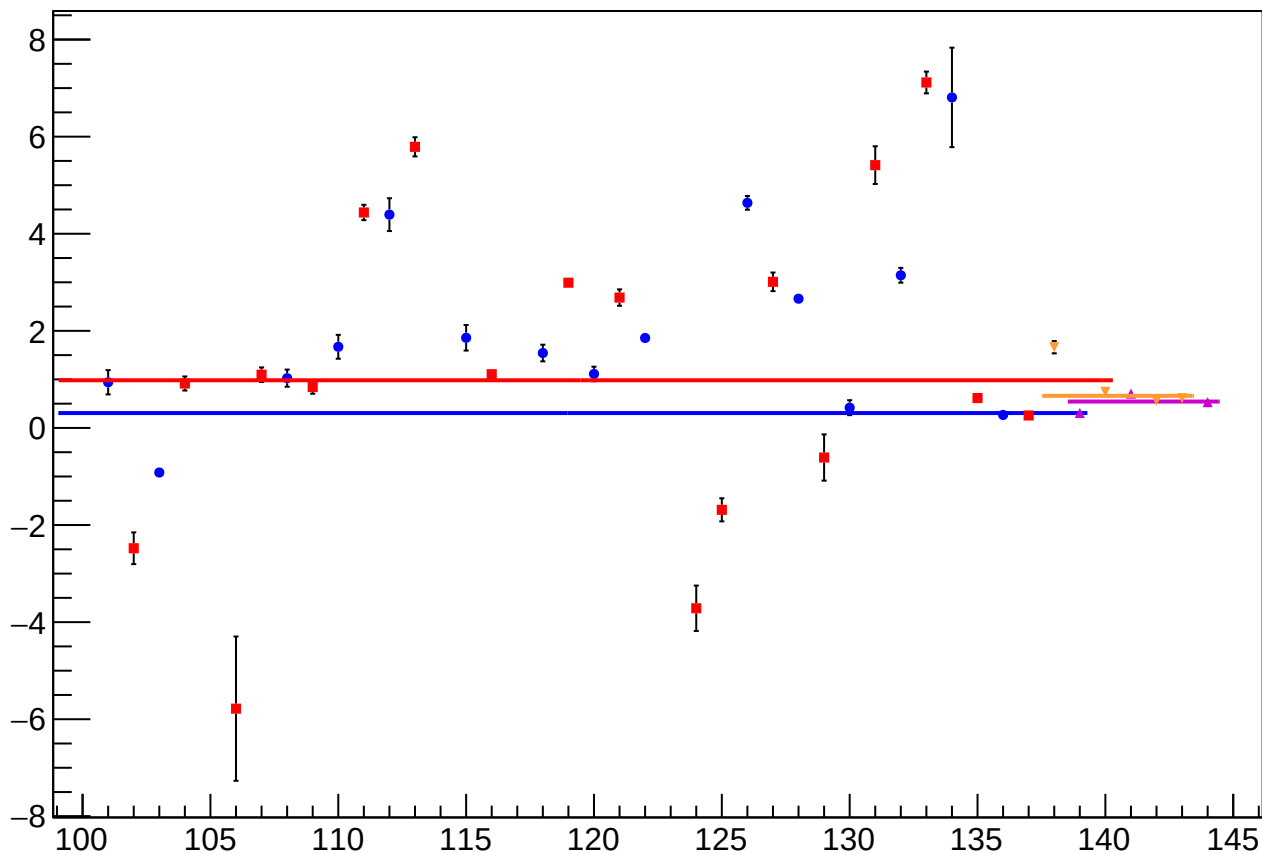
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -264.039 $\pm$ 0.128 χ^2 /NDF:107980.6/17

Out: -254.596 $\pm$ 0.070 χ^2 /NDF:72514.1/21

All: -256.767 $\pm$ 0.061 χ^2 /NDF: 184698.9/39

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307+/-0.007 χ^2/NDF : 2787.0/14

Left Out: 0.661+/-0.006 χ^2/NDF :223.1/3

Right Out: 0.982+/-0.015 χ^2/NDF : 3374.7/17

Left In: 0.544+/-0.004 χ^2/NDF :1589.4/2

Left: 0.586+/-0.003 χ^2/NDF : 2104.7/6

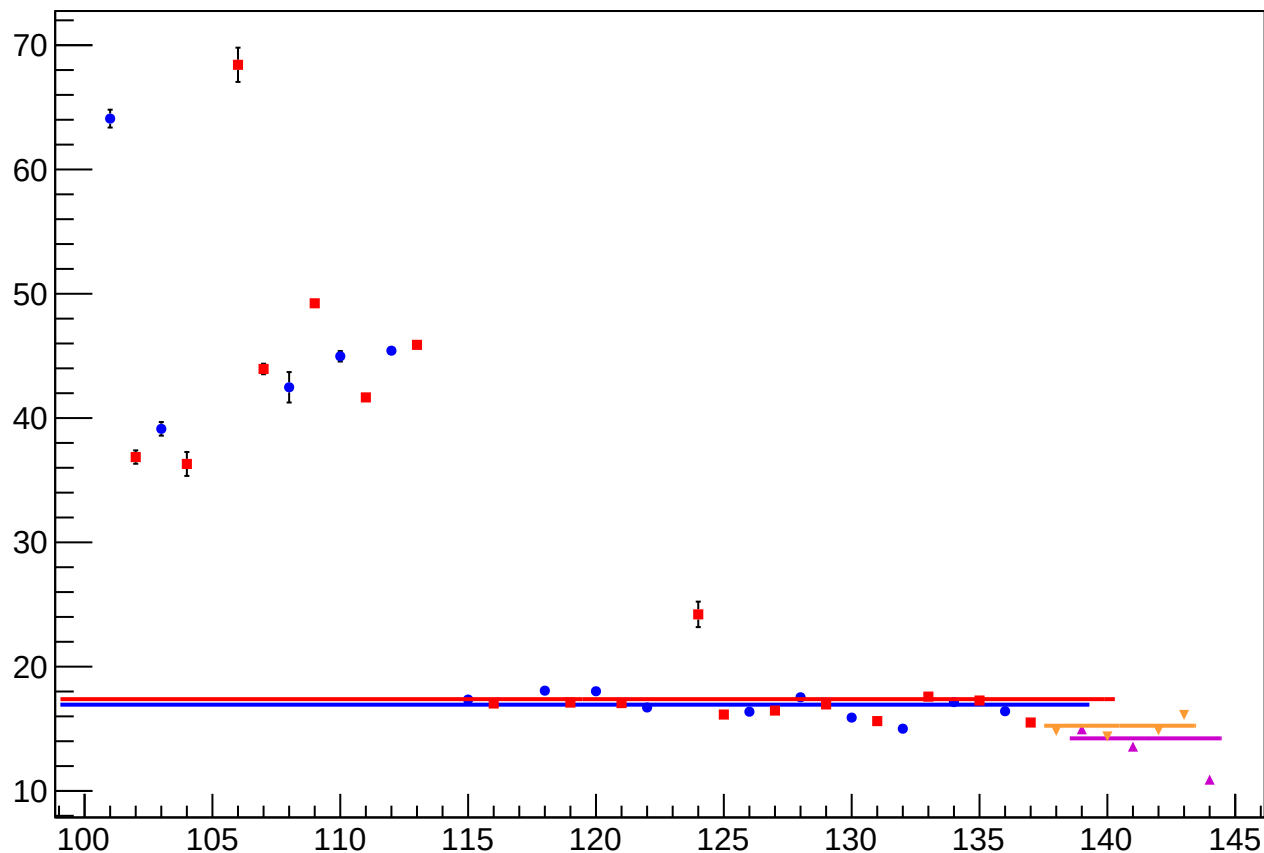
Right: 0.421+/-0.006 χ^2/NDF : 7919.2/32

In: 0.477+/-0.004 χ^2/NDF :5292.7/17

Out: 0.701+/-0.005 χ^2/NDF :4015.5/21

All: 0.548+/-0.003 χ^2/NDF : 10596.0/39

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 15.247+/-0.020 χ^2/NDF : 1514.2/3

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 14.231+/-0.025 χ^2/NDF : 2000.5/2

Left: 14.864+/-0.016 χ^2/NDF : 4521.8/6

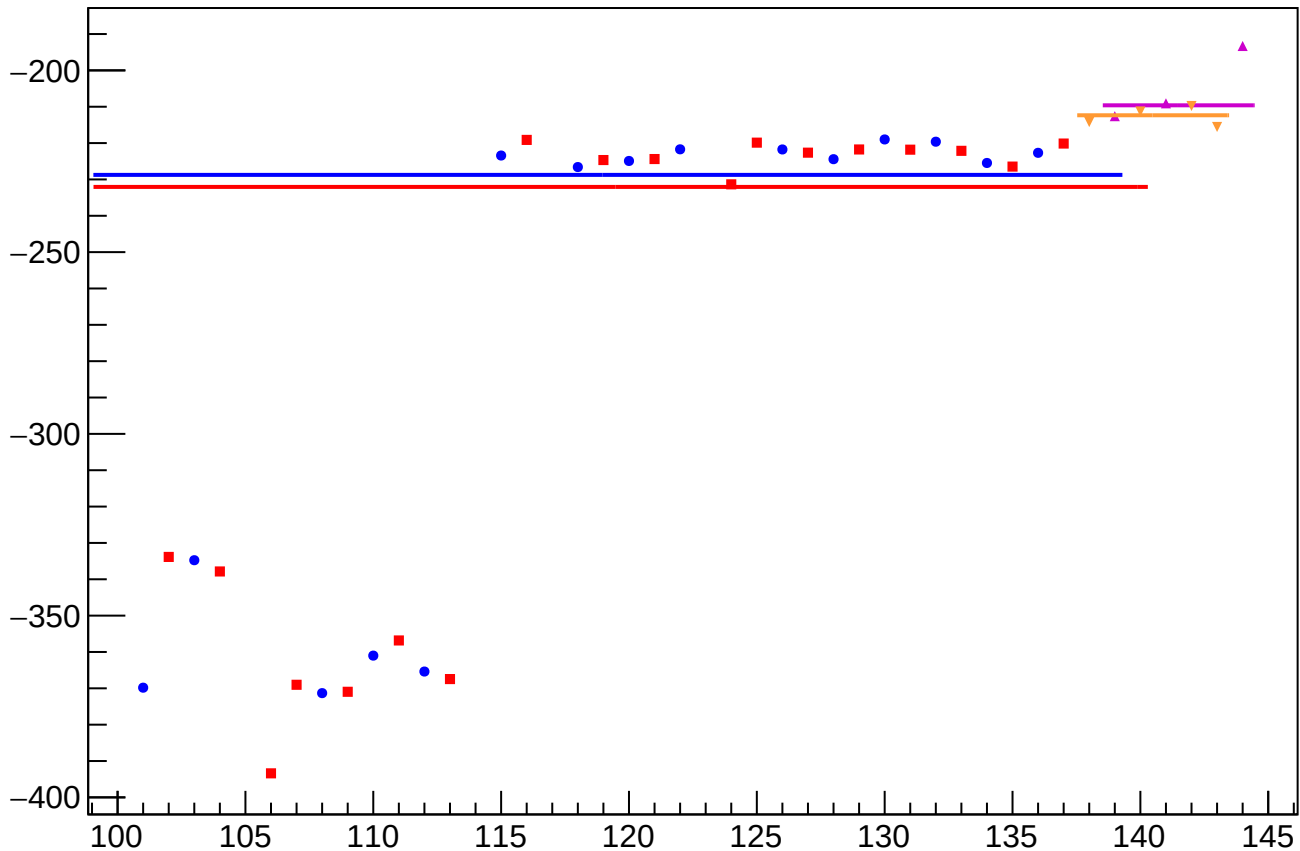
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 16.383+/-0.011 χ^2/NDF : 40148.7/17

Out: 16.435+/-0.013 χ^2/NDF : 69213.9/21

All: 16.406+/-0.009 χ^2/NDF : 109371.4/39

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -212.350 ± 0.040 $\chi^2/\text{NDF}: 3298.7/3$

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: -211.135 ± 0.029 $\chi^2/\text{NDF}: 8614.0/6$

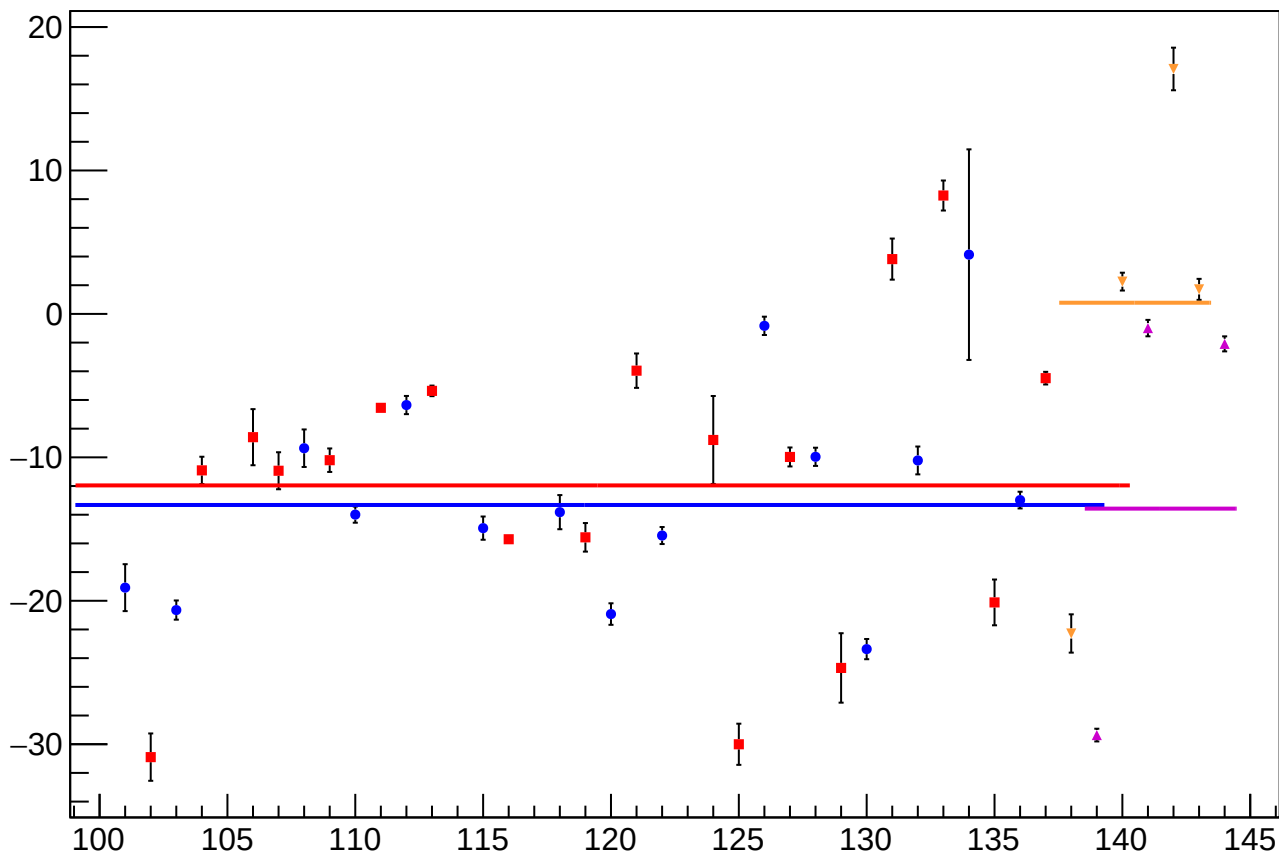
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -221.472 ± 0.027 $\chi^2/\text{NDF}: 776521.8/17$

Out: -221.772 ± 0.029 $\chi^2/\text{NDF}: 913669.8/21$

All: -221.615 ± 0.020 $\chi^2/\text{NDF}: 1690249.1/39$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: 0.780 ± 0.428 $\chi^2/\text{NDF}: 425.9/3$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -13.575 ± 0.291 $\chi^2/\text{NDF}: 2230.3/2$

Left: -9.024 ± 0.241 $\chi^2/\text{NDF}: 3425.4/6$

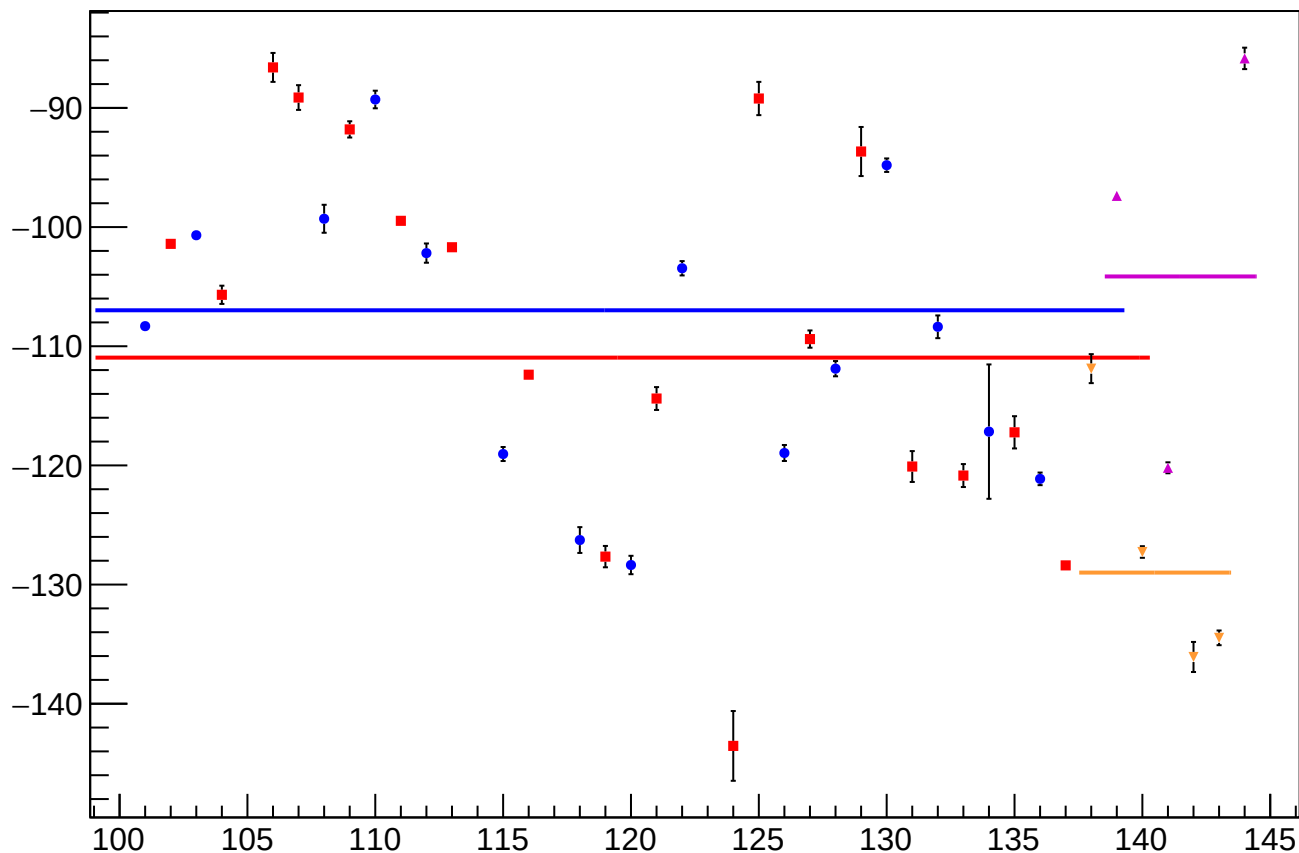
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.399 ± 0.161 $\chi^2/\text{NDF}: 3243.8/17$

Out: -11.131 ± 0.109 $\chi^2/\text{NDF}: 3742.3/21$

All: -11.841 ± 0.090 $\chi^2/\text{NDF}: 7121.9/39$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -128.994 ± 0.351 χ^2/NDF : 320.9/3

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -104.143 ± 0.268 χ^2/NDF : 1997.2/2

Left: -113.327 ± 0.213 χ^2/NDF : 5486.1/6

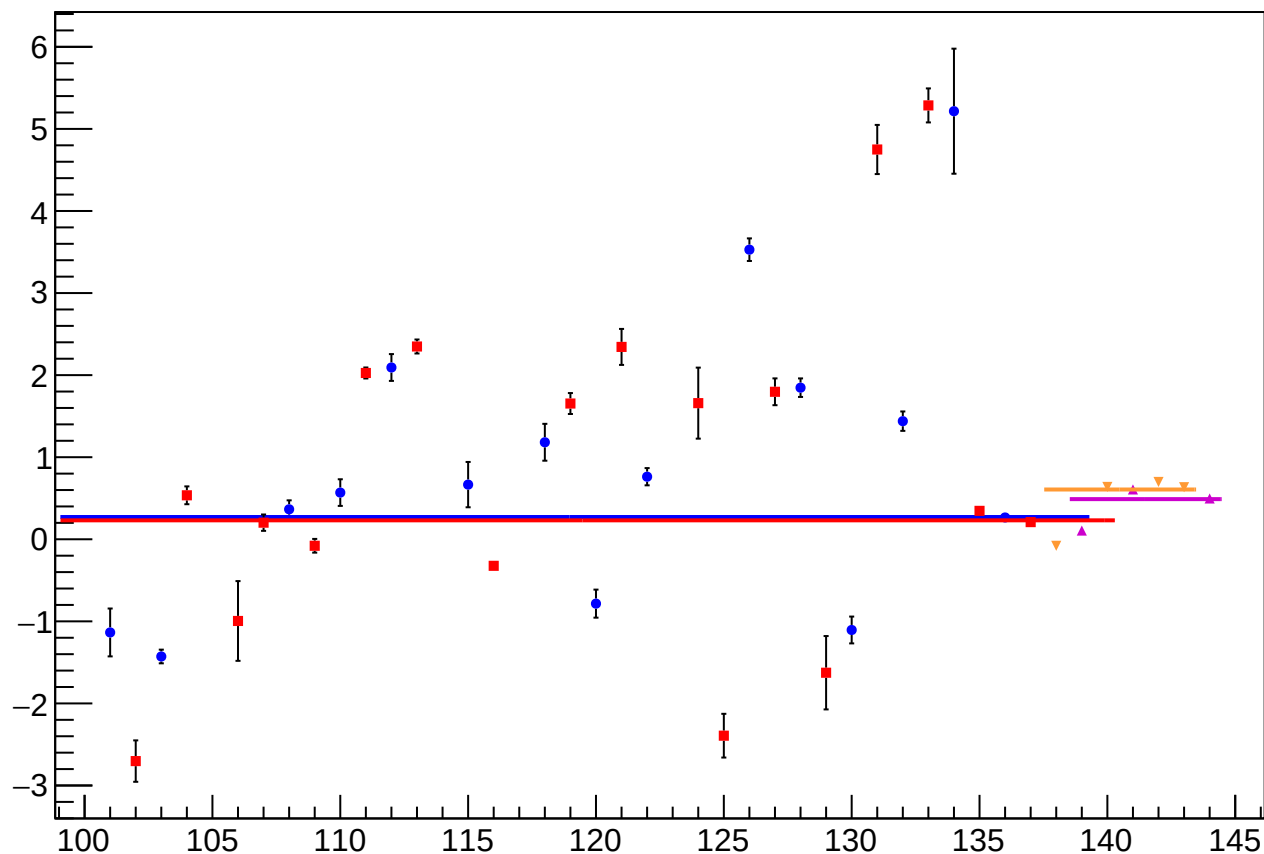
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -106.574 ± 0.102 χ^2/NDF : 6751.3/17

Out: -111.317 ± 0.050 χ^2/NDF : 13590.6/21

All: -110.405 ± 0.045 χ^2/NDF : 22095.0/39

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.606 ± 0.006 $\chi^2/\text{NDF}: 860.1/3$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.489 ± 0.004 $\chi^2/\text{NDF}: 2396.5/2$

Left: 0.519 ± 0.003 $\chi^2/\text{NDF}: 3513.4/6$

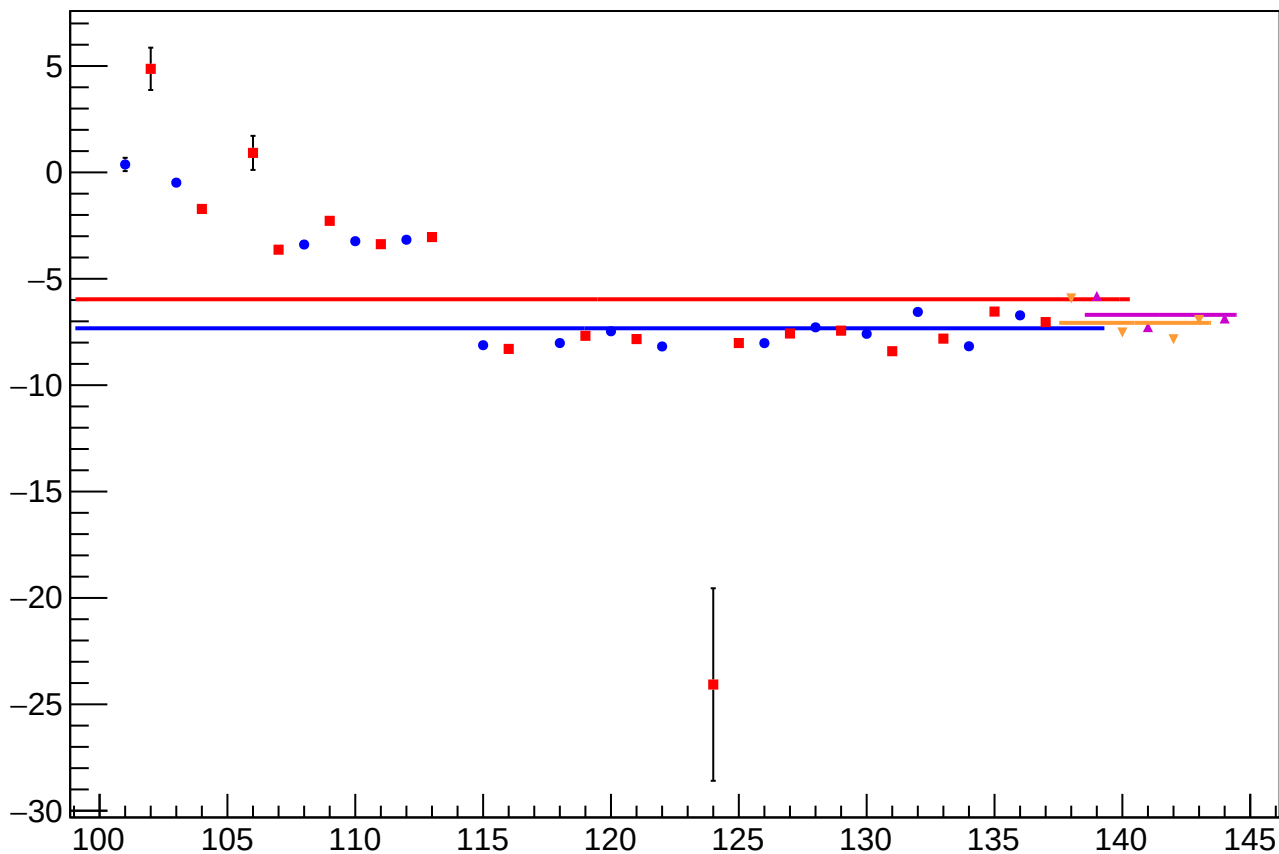
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.419 ± 0.003 $\chi^2/\text{NDF}: 5146.9/17$

Out: 0.354 ± 0.004 $\chi^2/\text{NDF}: 6136.7/21$

All: 0.392 ± 0.002 $\chi^2/\text{NDF}: 11474.8/39$

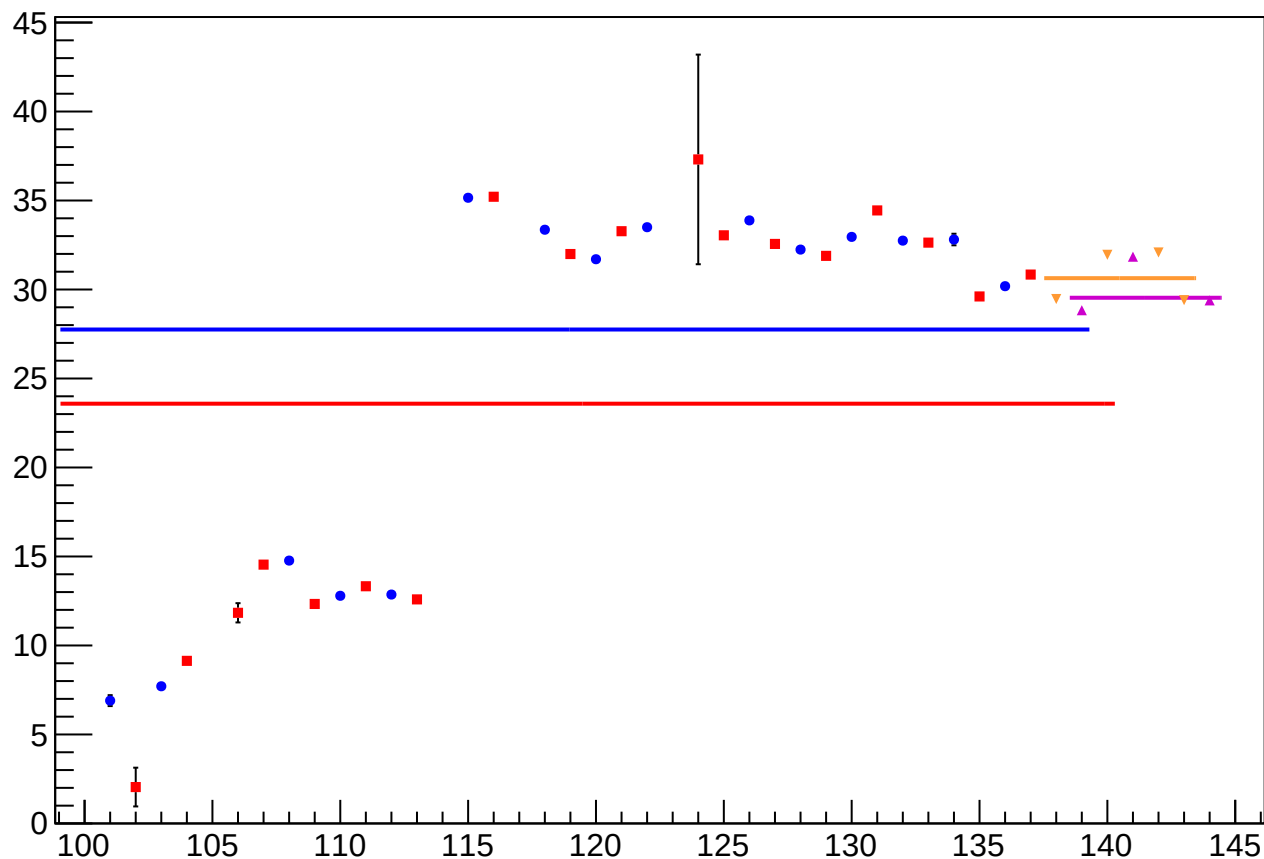
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -7.072 ± 0.018 $\chi^2/\text{NDF}: 932.8/3$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.695 ± 0.010 $\chi^2/\text{NDF}: 2685.1/2$

Left: -6.780 ± 0.009 $\chi^2/\text{NDF}: 3952.6/6$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -7.059 ± 0.006 $\chi^2/\text{NDF}: 35583.8/17$
 Out: -6.174 ± 0.008 $\chi^2/\text{NDF}: 75769.8/21$
 All: -6.711 ± 0.005 $\chi^2/\text{NDF}: 118966.4/39$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 ± 0.015 χ^2/NDF : 332926.6/14

Left Out: 30.637 ± 0.031 χ^2/NDF : 1779.1/3

Right Out: 23.585 ± 0.014 χ^2/NDF : 539616.2/17

Left In: 29.537 ± 0.028 χ^2/NDF : 1314.2/2

Left: 30.041 ± 0.021 χ^2/NDF : 3797.5/6

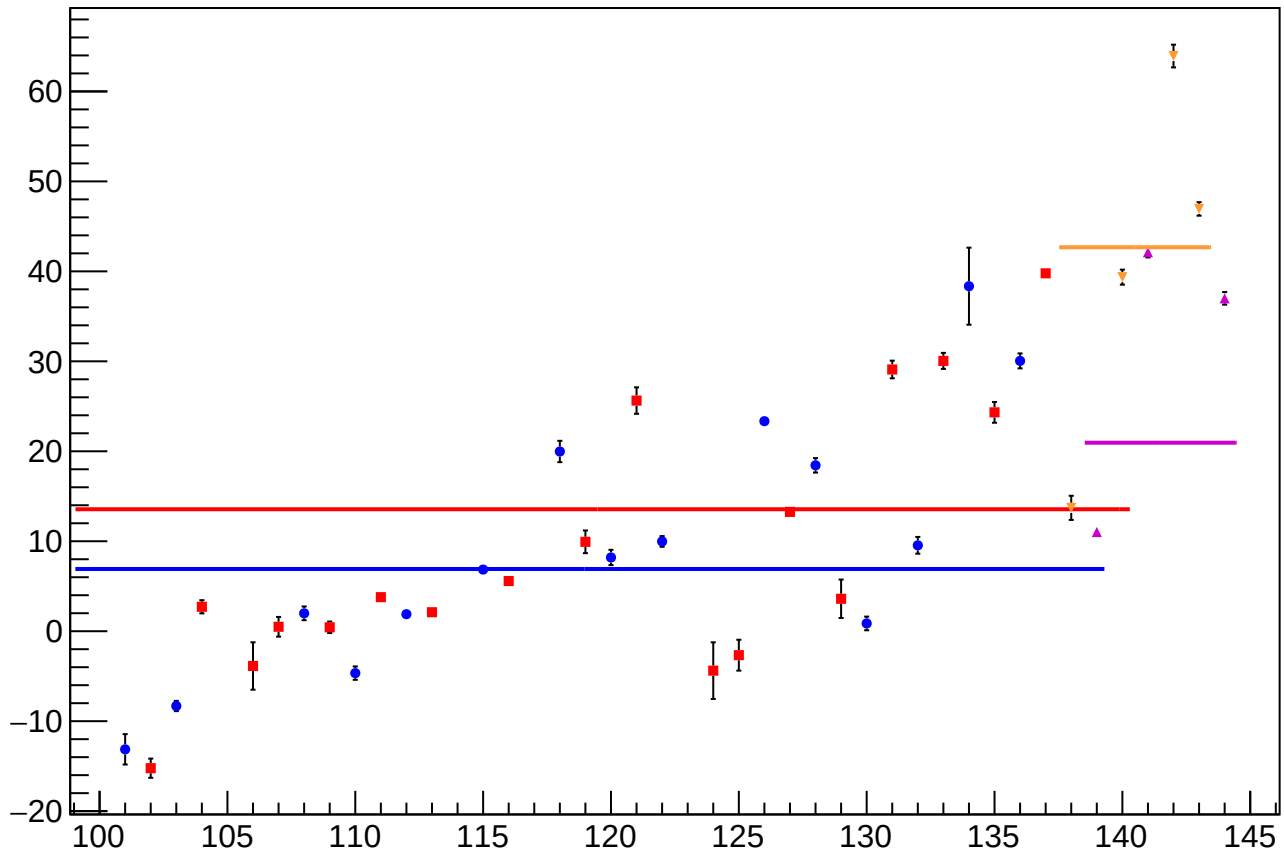
Right: 25.477 ± 0.010 χ^2/NDF : 914478.1/32

In: 28.150 ± 0.013 χ^2/NDF : 337382.1/17

Out: 24.769 ± 0.013 χ^2/NDF : 585809.3/21

All: 26.362 ± 0.009 χ^2/NDF : 957608.7/39

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 42.678 ± 0.478 $\chi^2/\text{NDF}: 796.8/3$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 20.952 ± 0.261 $\chi^2/\text{NDF}: 2807.2/2$

Left: 25.958 ± 0.229 $\chi^2/\text{NDF}: 5195.7/6$

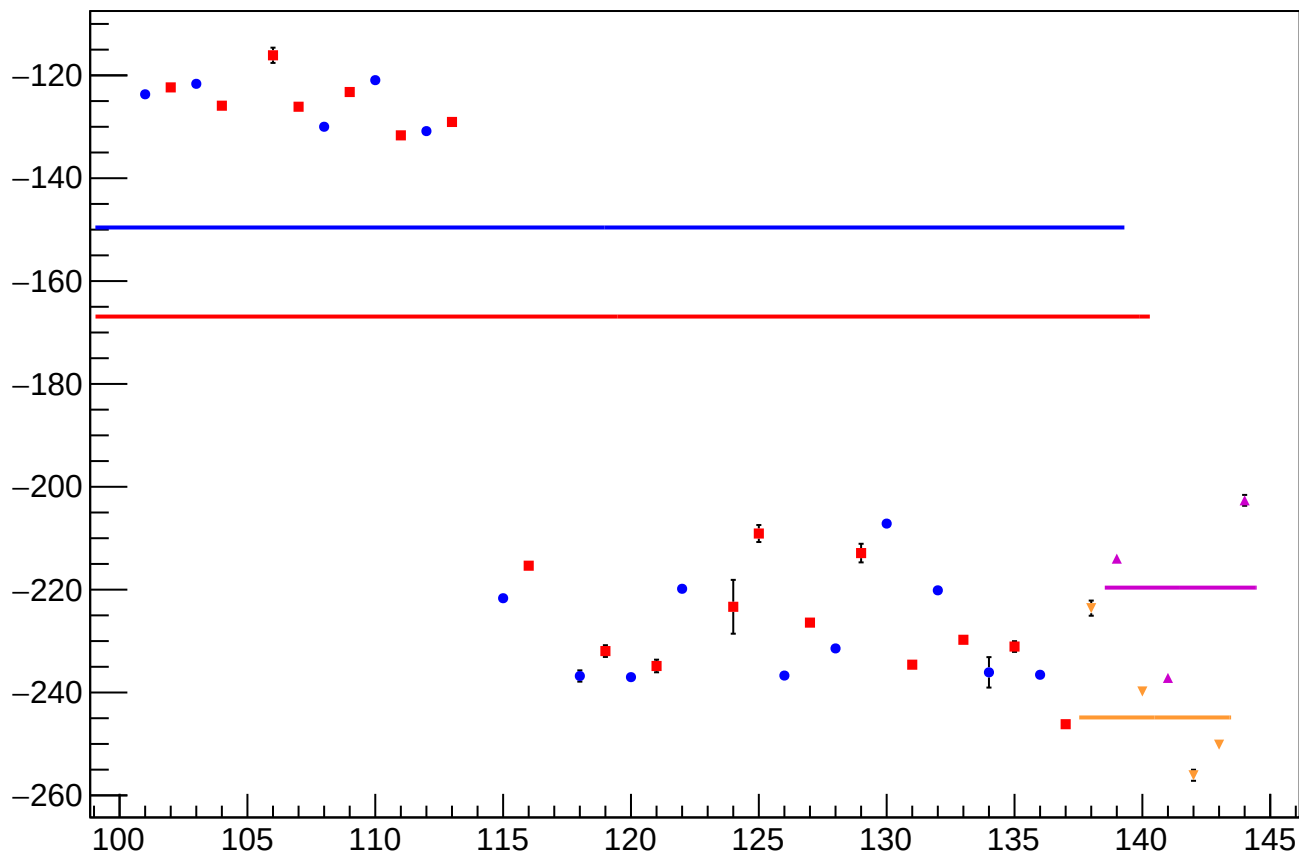
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 11.314 ± 0.146 $\chi^2/\text{NDF}: 8290.6/17$

Out: 16.015 ± 0.139 $\chi^2/\text{NDF}: 15856.2/21$

All: 13.788 ± 0.101 $\chi^2/\text{NDF}: 24690.3/39$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -244.851 ± 0.408 χ^2/NDF : 442.6/3

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -219.607 ± 0.235 χ^2/NDF : 2148.6/2

Left: -225.884 ± 0.203 χ^2/NDF : 5468.5/6

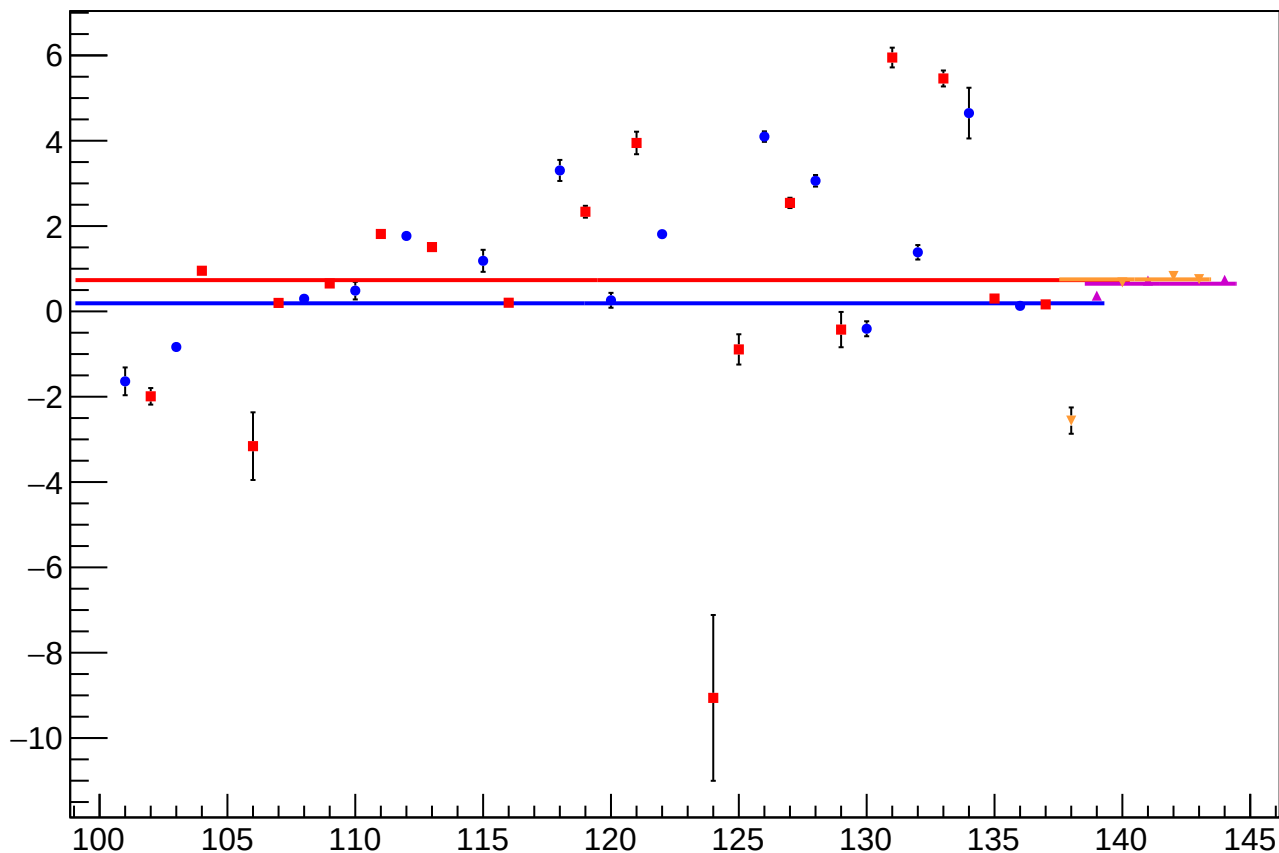
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -160.501 ± 0.093 χ^2/NDF : 272396.6/17

Out: -171.367 ± 0.098 χ^2/NDF : 330355.9/21

All: -165.649 ± 0.067 χ^2/NDF : 609266.4/39

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.750 $\pm$ 0.009 χ^2 /NDF:153.7/3

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: 0.679 $\pm$ 0.005 χ^2 /NDF: 1013.9/6

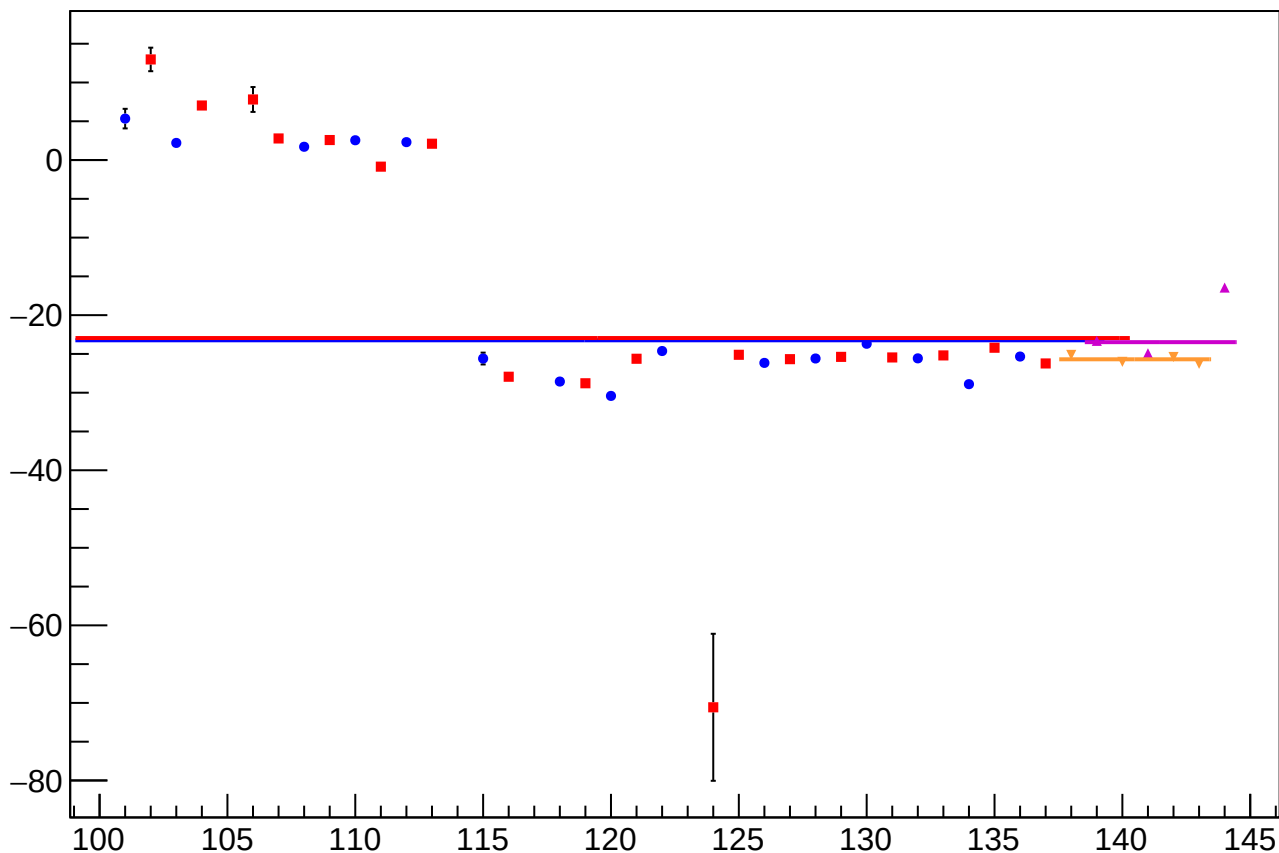
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.512 $\pm$ 0.005 χ^2 /NDF:5486.3/17

Out: 0.747 $\pm$ 0.008 χ^2 /NDF:2821.2/21

All: 0.574 $\pm$ 0.004 χ^2 /NDF: 8964.6/39

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -25.693 ± 0.046 $\chi^2/\text{NDF}: 111.9/3$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -23.482 ± 0.059 $\chi^2/\text{NDF}: 1390.5/2$

Left: -24.847 ± 0.036 $\chi^2/\text{NDF}: 2379.8/6$

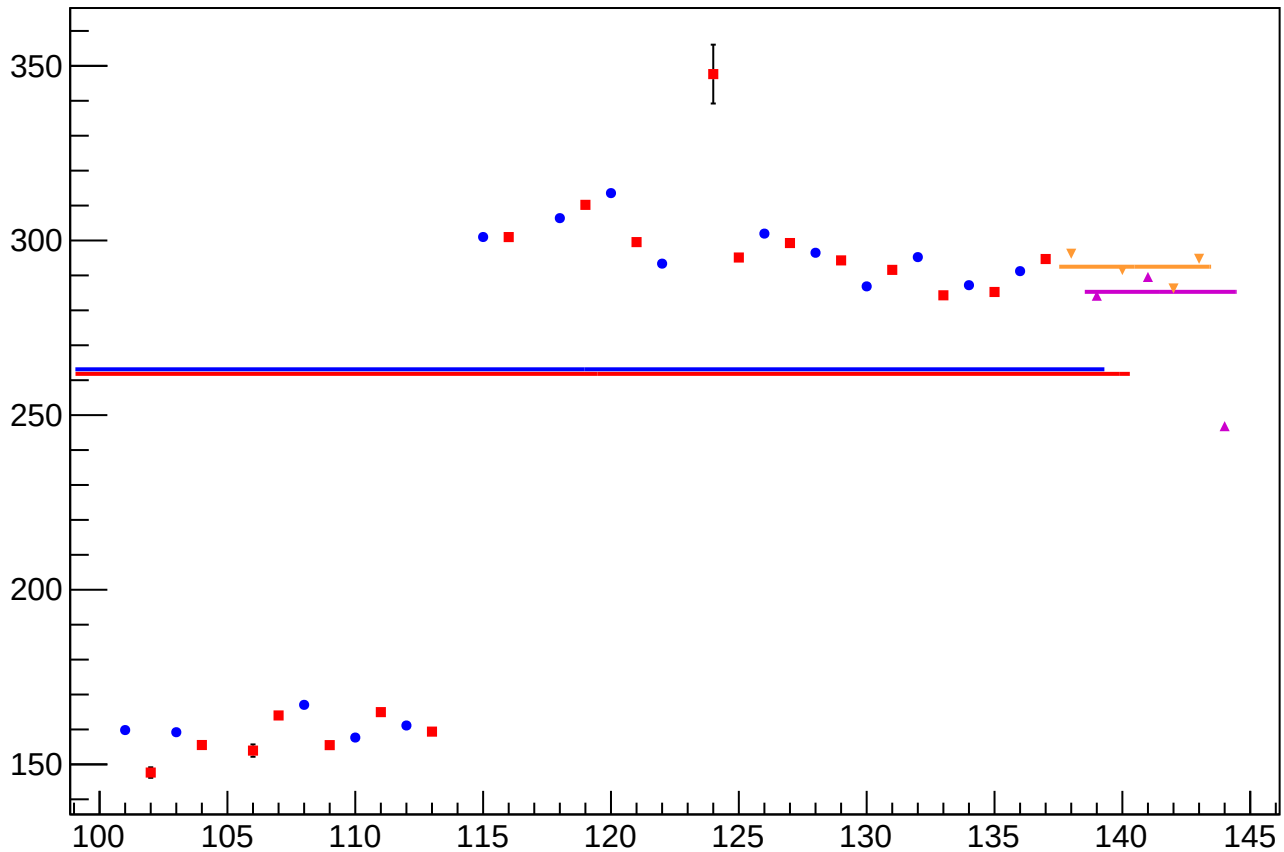
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -23.277 ± 0.023 $\chi^2/\text{NDF}: 104507.6/17$

Out: -23.561 ± 0.022 $\chi^2/\text{NDF}: 110895.5/21$

All: -23.426 ± 0.016 $\chi^2/\text{NDF}: 215484.0/39$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 292.494+/-0.089 χ^2/NDF :1607.0/3

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 285.298+/-0.190 χ^2/NDF :1835.9/2

Left: 291.186+/-0.081 χ^2/NDF : 4620.0/6

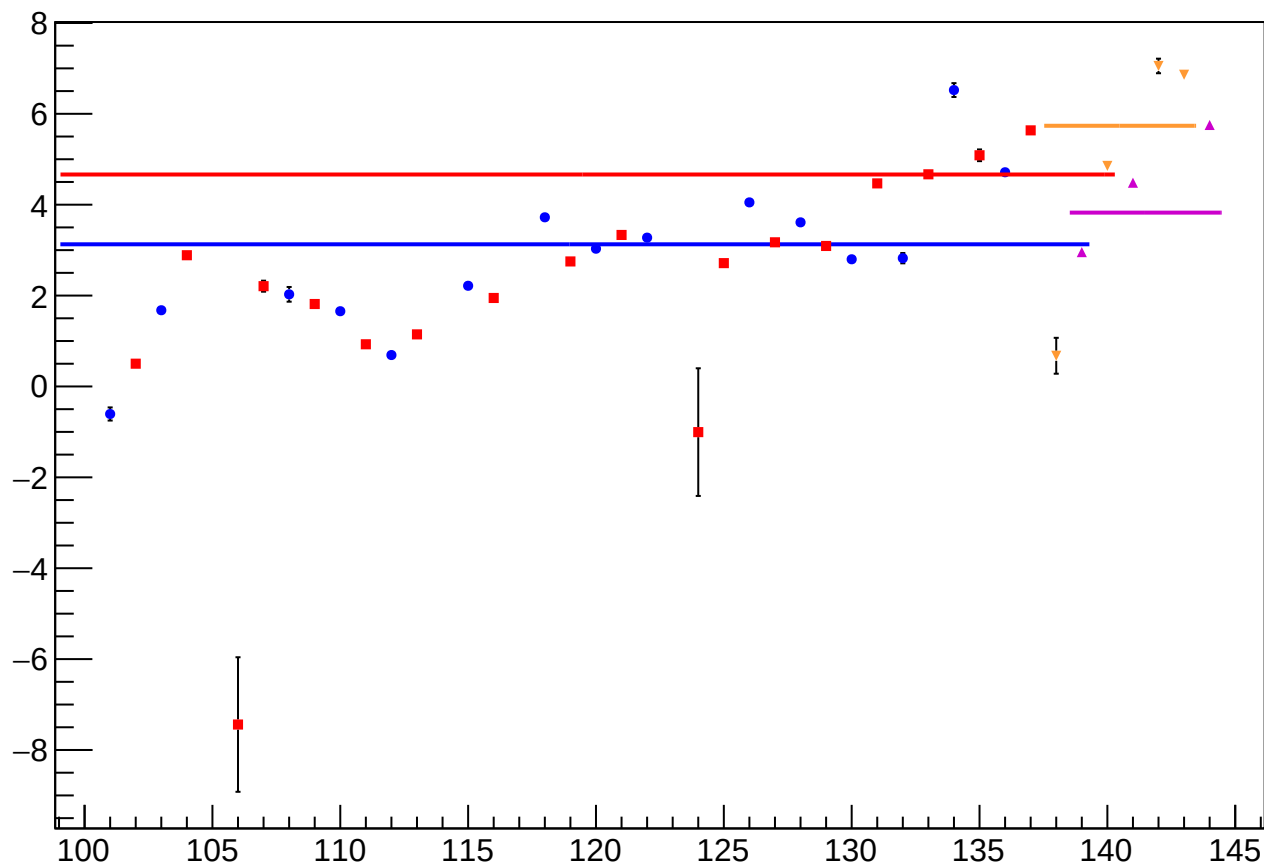
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 265.716+/-0.065 χ^2/NDF :706787.6/17

Out: 271.433+/-0.050 χ^2/NDF :1088581.7/21

All: 269.300+/-0.040 χ^2/NDF : 1800231.6/39

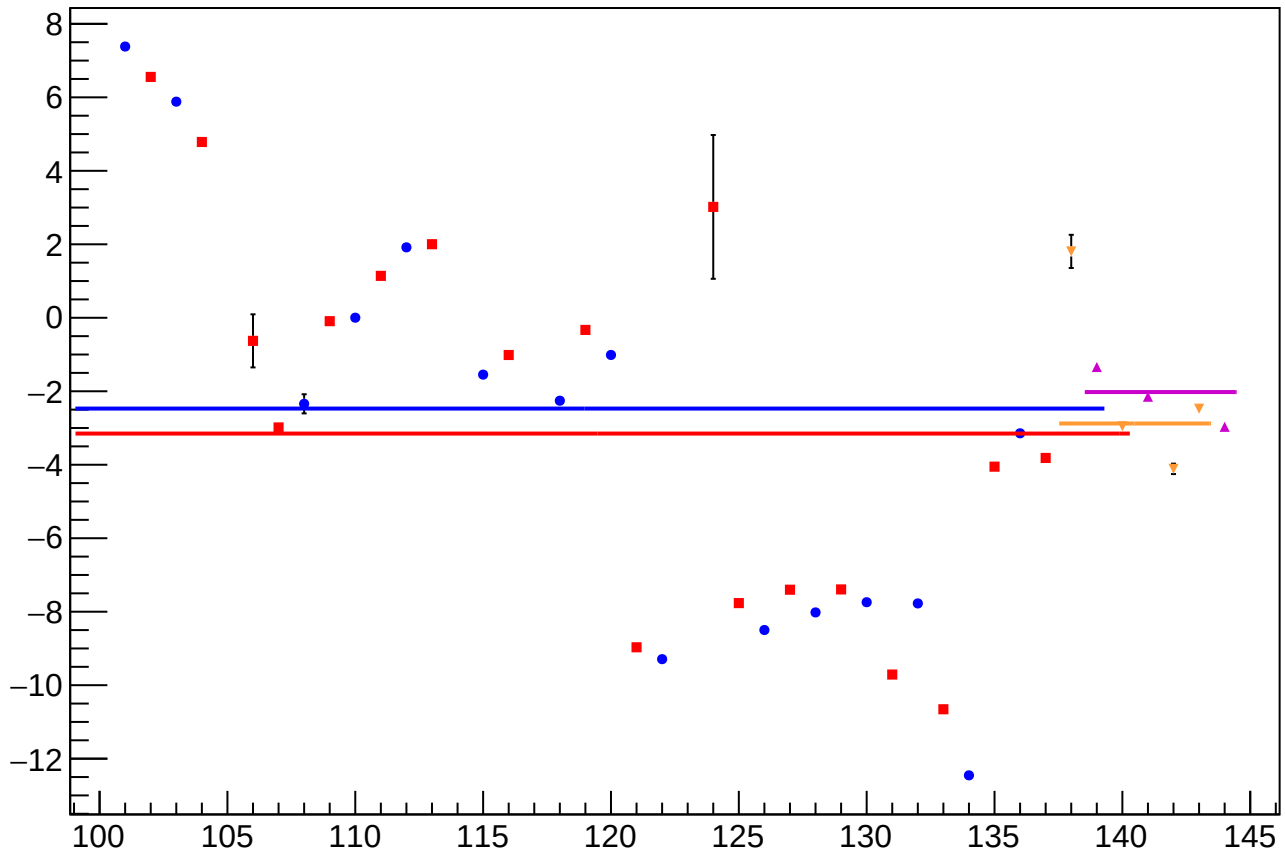
dit_sam5_4aX_slope vs Slug, Sign Corrected



Left: 4.190 $\pm$ 0.025 χ^2/NDF : 2660.6/6
 Right: 4.450 $\pm$ 0.006 χ^2/NDF : 80704.7/32
 In: 3.295 $\pm$ 0.014 χ^2/NDF : 7436.7/17
 Out: 4.677 $\pm$ 0.006 χ^2/NDF : 67679.6/21
 All: 4.436 $\pm$ 0.006 χ^2/NDF : 83465.8/39

Right In: 3.128 $\pm$ 0.016 χ^2/NDF : 5667.8/14
 Left Out: 5.737 $\pm$ 0.058 χ^2/NDF : 478.1/3
 Right Out: 4.664 $\pm$ 0.006 χ^2/NDF : 66862.5/17
 Left In: 3.825 $\pm$ 0.028 χ^2/NDF : 1300.5/2

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: -2.877 ± 0.049 $\chi^2/\text{NDF}: 207.2/3$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -2.022 ± 0.029 $\chi^2/\text{NDF}: 430.4/2$

Left: -2.239 ± 0.025 $\chi^2/\text{NDF}: 860.9/6$

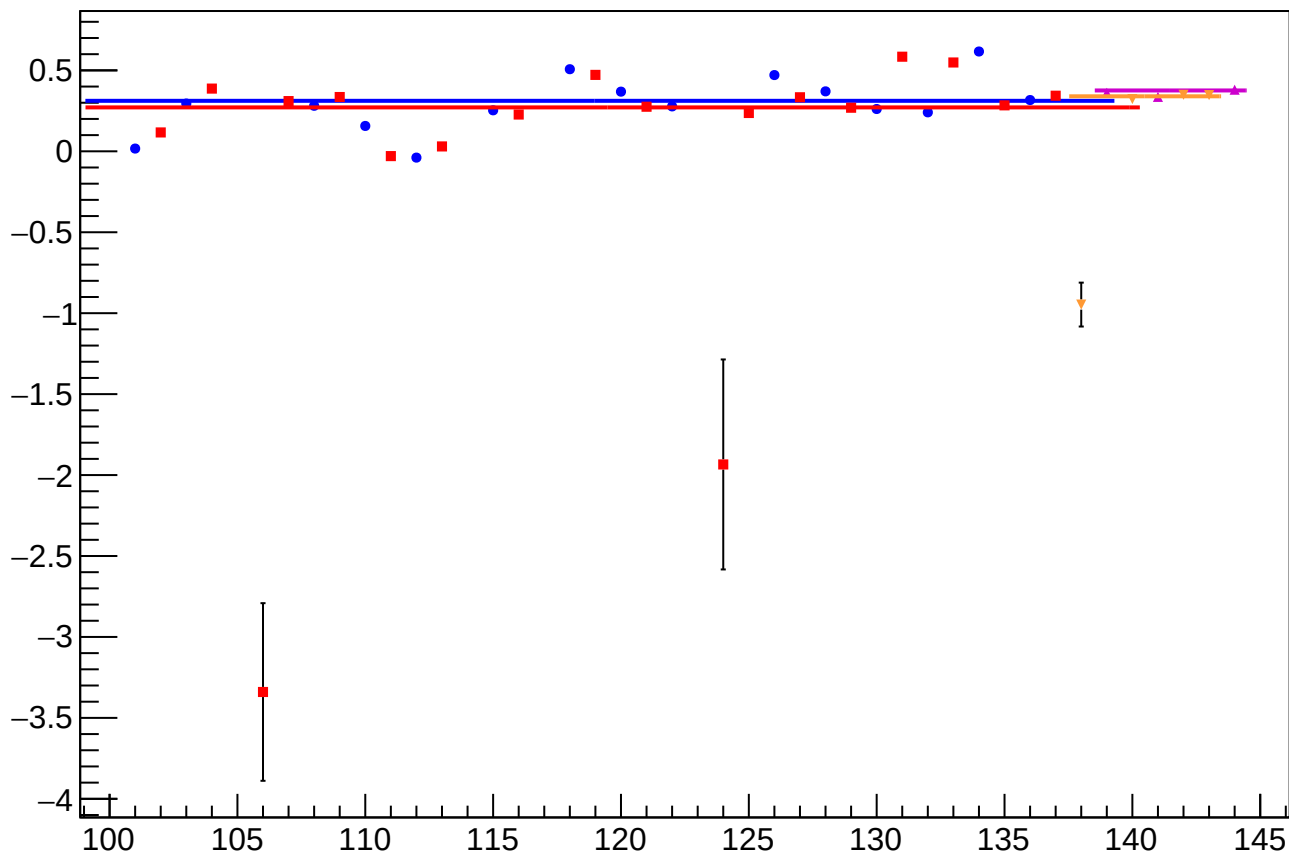
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.384 ± 0.013 $\chi^2/\text{NDF}: 243205.8/17$

Out: -3.145 ± 0.007 $\chi^2/\text{NDF}: 247664.9/21$

All: -2.954 ± 0.006 $\chi^2/\text{NDF}: 493566.8/39$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.340 ± 0.002 $\chi^2/\text{NDF}: 135.3/3$

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: 0.361 ± 0.001 $\chi^2/\text{NDF}: 468.3/6$

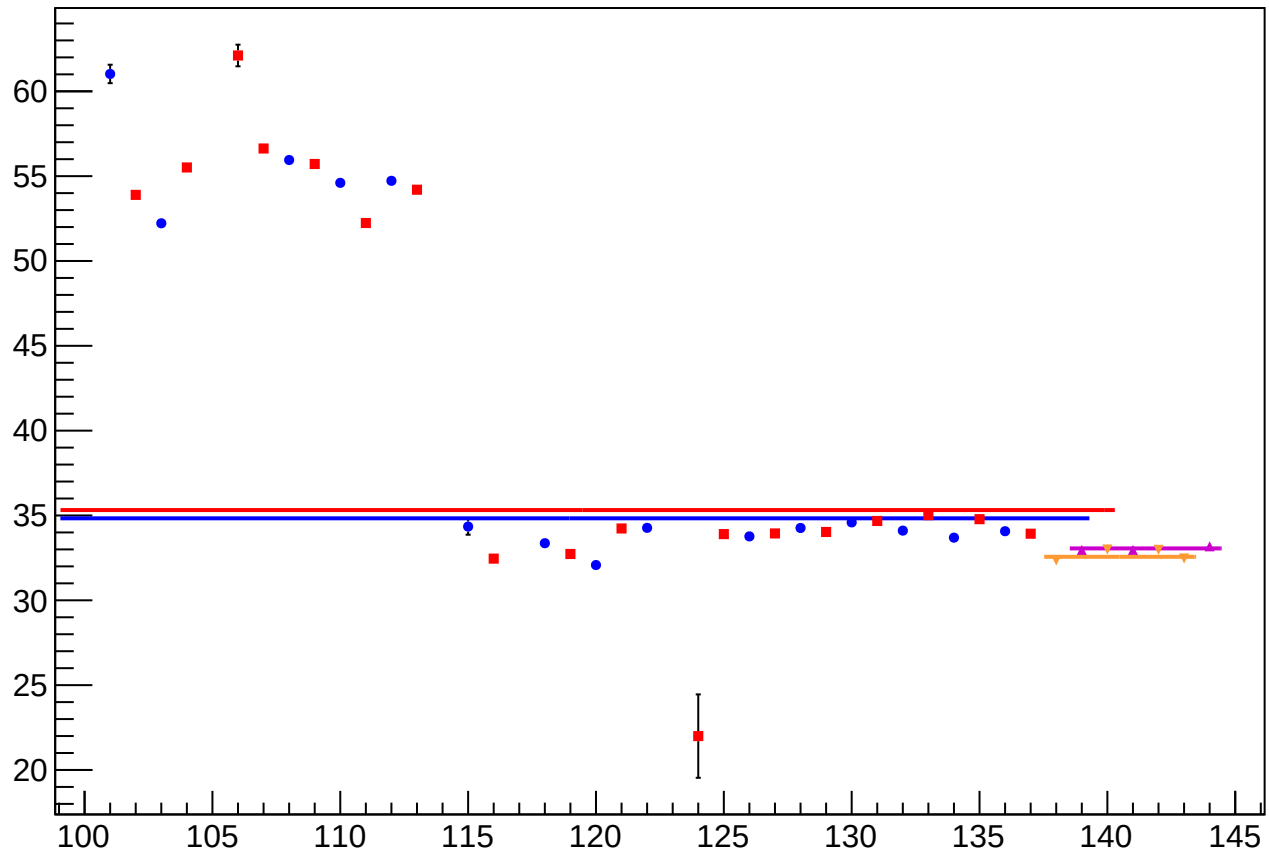
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2482.4/17$

Out: 0.313 ± 0.001 $\chi^2/\text{NDF}: 6919.1/21$

All: 0.331 ± 0.001 $\chi^2/\text{NDF}: 9676.8/39$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.564+/-0.015 χ^2/NDF : 285.8/3

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 33.059+/-0.016 χ^2/NDF : 44.8/2

Left: 32.794+/-0.011 χ^2/NDF : 842.4/6

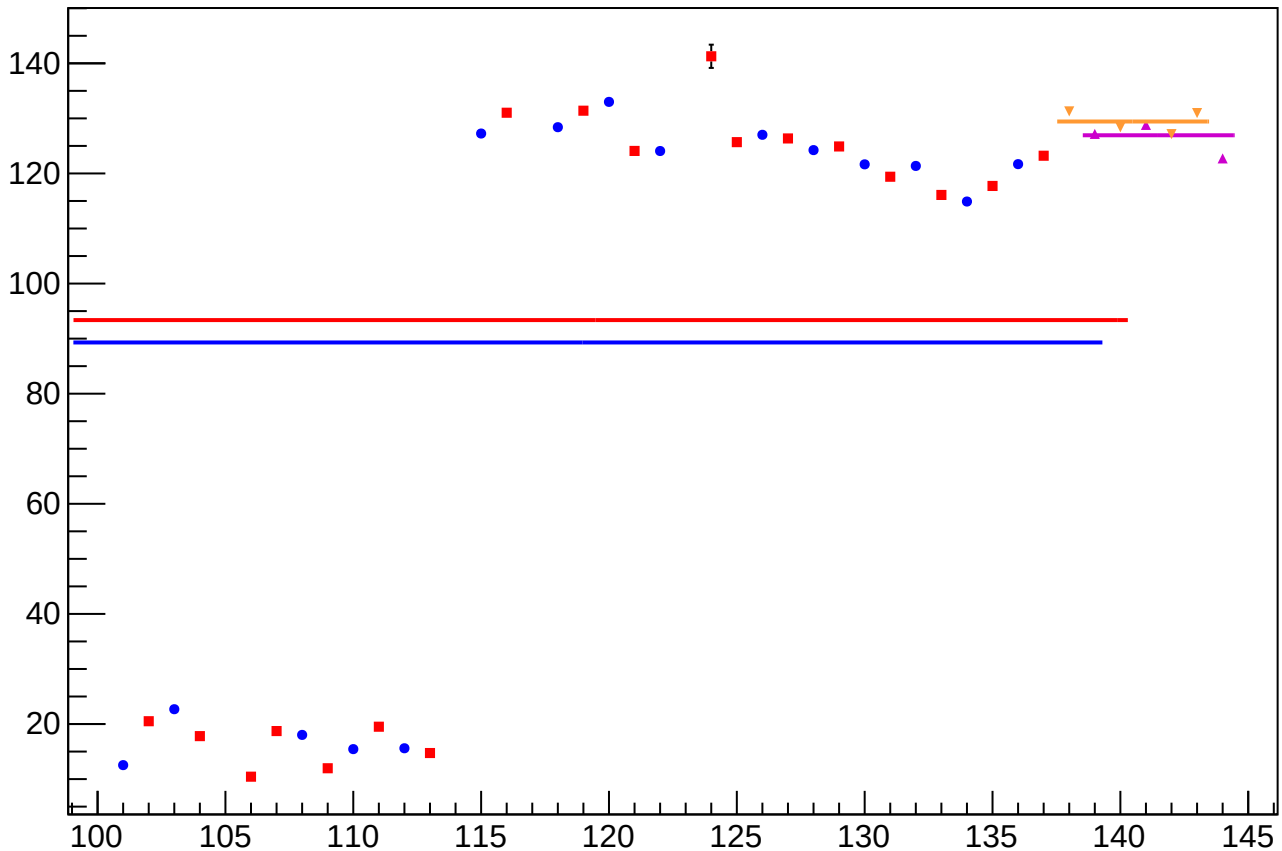
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.434+/-0.008 χ^2/NDF : 255112.9/17

Out: 34.468+/-0.008 χ^2/NDF : 285435.0/21

All: 34.450+/-0.006 χ^2/NDF : 540557.5/39

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 129.434 ± 0.039 $\chi^2/\text{NDF}: 2066.3/3$

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: 128.704 ± 0.033 $\chi^2/\text{NDF}: 4681.0/6$

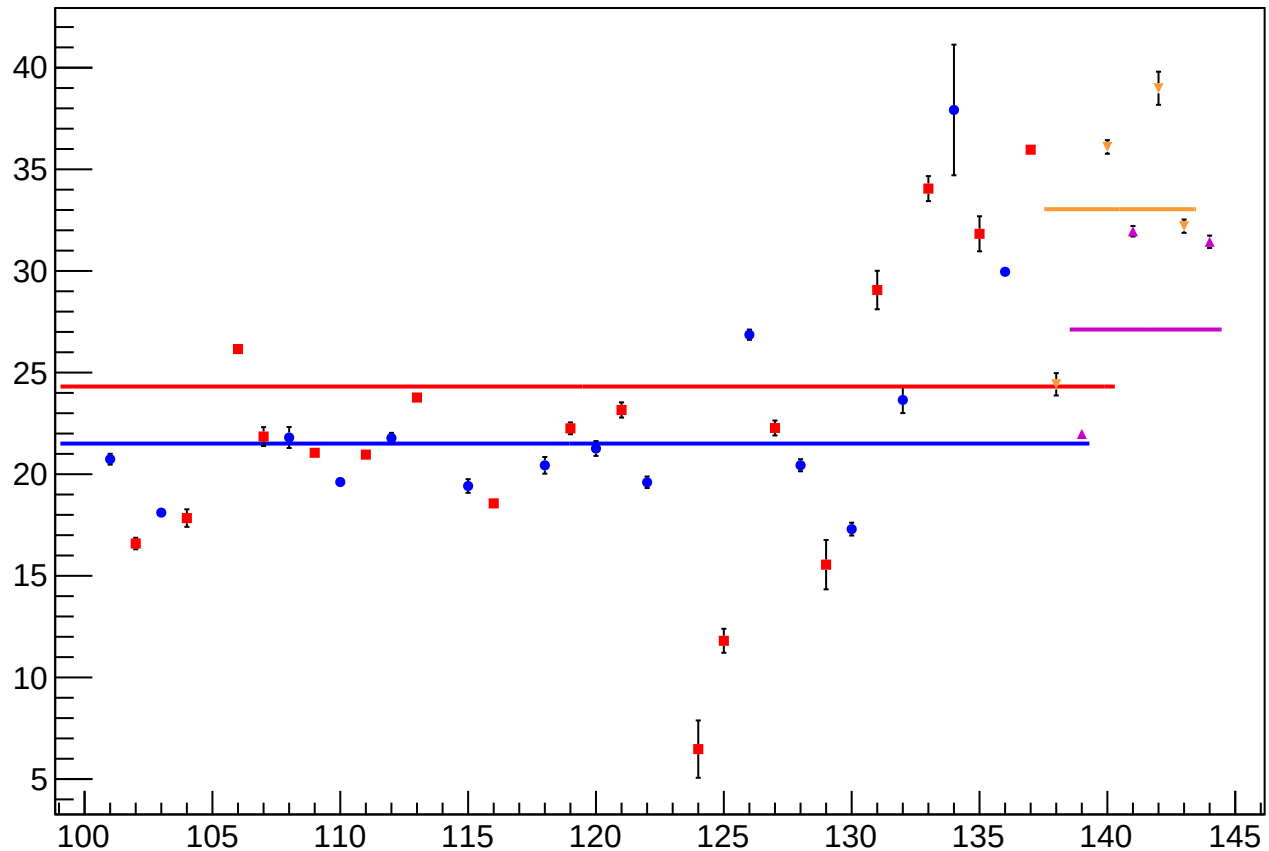
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 95.754 ± 0.025 $\chi^2/\text{NDF}: 3358401.6/17$

Out: 106.850 ± 0.024 $\chi^2/\text{NDF}: 3396966.5/21$

All: 101.594 ± 0.017 $\chi^2/\text{NDF}: 6859246.6/39$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507+/-0.072 χ^2/NDF : 2963.0/14

Left Out: 33.039+/-0.209 χ^2/NDF :387.1/3

Right Out: 24.314+/-0.058 χ^2/NDF : 14295.4/17

Left In: 27.119+/-0.143 χ^2/NDF :1165.4/2

Left: 29.003+/-0.118 χ^2/NDF : 2099.3/6

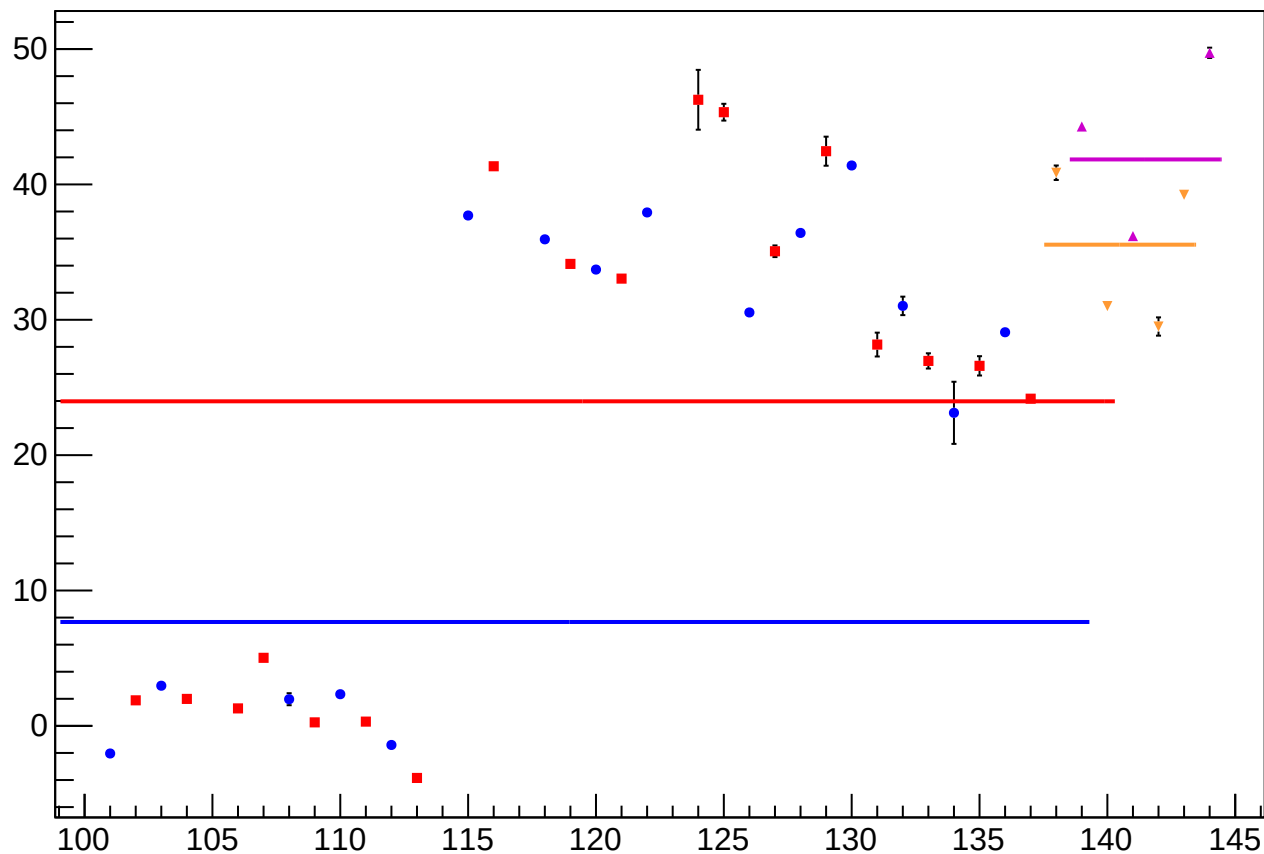
Right: 23.204+/-0.045 χ^2/NDF : 18169.2/32

In: 22.652+/-0.065 χ^2/NDF :5356.9/17

Out: 24.947+/-0.056 χ^2/NDF :16298.3/21

All: 23.955+/-0.042 χ^2/NDF : 22373.2/39

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 35.549 ± 0.181 χ^2/NDF : 597.8/3

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: 39.815 ± 0.103 χ^2/NDF : 2808.8/6

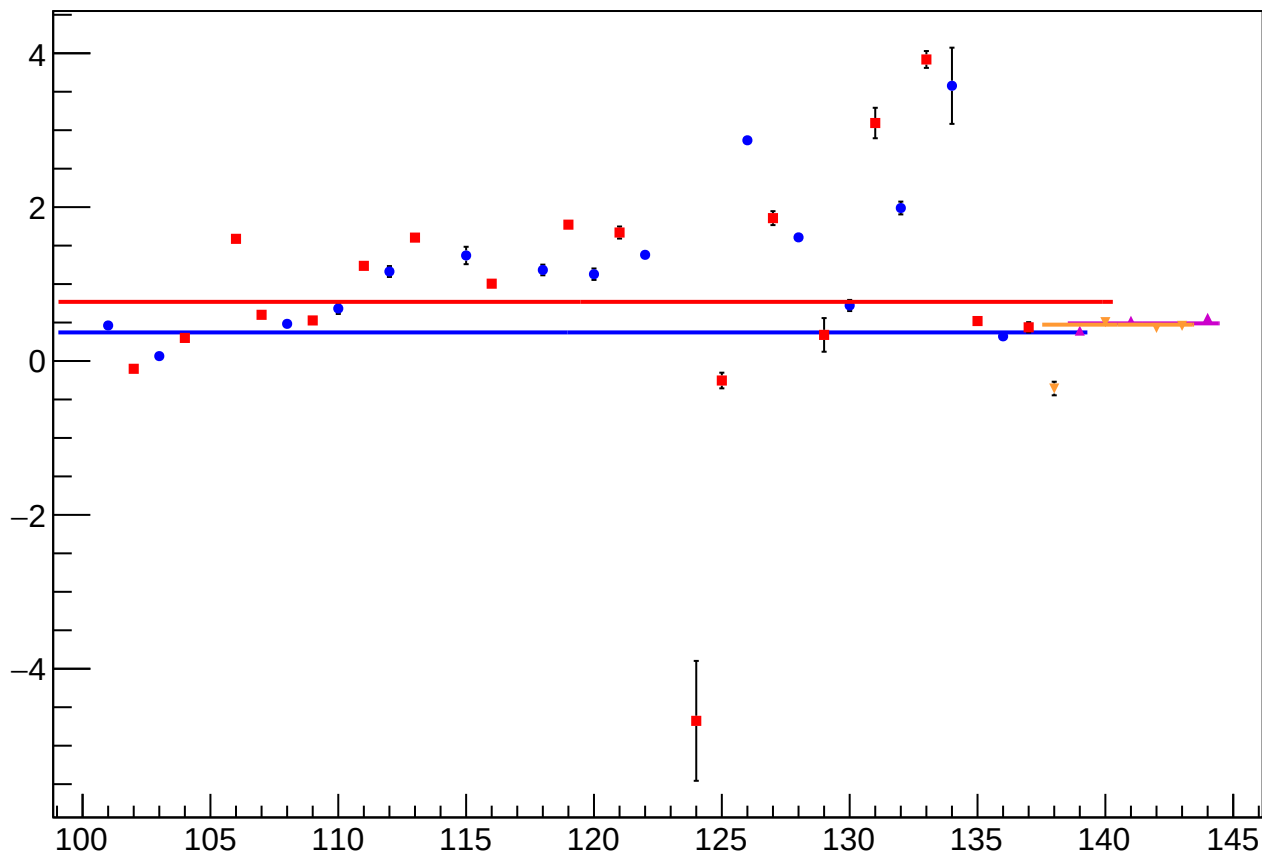
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 11.634 ± 0.043 χ^2/NDF : 163949.6/17

Out: 24.001 ± 0.008 χ^2/NDF : 115234.5/21

All: 23.561 ± 0.008 χ^2/NDF : 360709.9/39

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.473 $\pm$ 0.003 χ^2 /NDF:168.3/3

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: 0.481 $\pm$ 0.002 χ^2 /NDF: 763.1/6

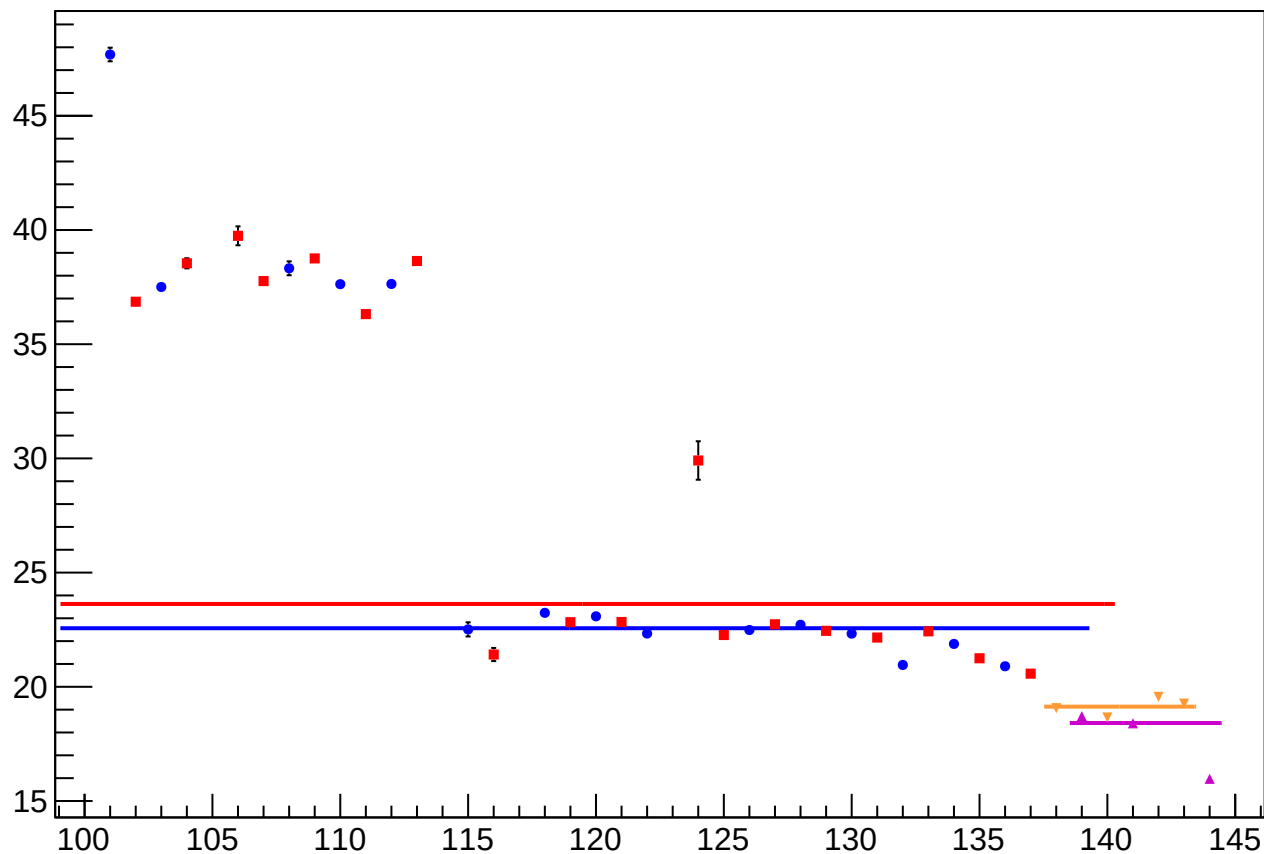
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.454 $\pm$ 0.002 χ^2 /NDF:5834.5/17

Out: 0.518 $\pm$ 0.003 χ^2 /NDF:5851.4/21

All: 0.482 $\pm$ 0.002 χ^2 /NDF: 12001.5/39

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 19.131 $\pm$ 0.014 χ^2 /NDF: 531.6/3

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 18.414 $\pm$ 0.019 χ^2 /NDF: 888.6/2

Left: 18.883 $\pm$ 0.011 χ^2 /NDF: 2368.9/6

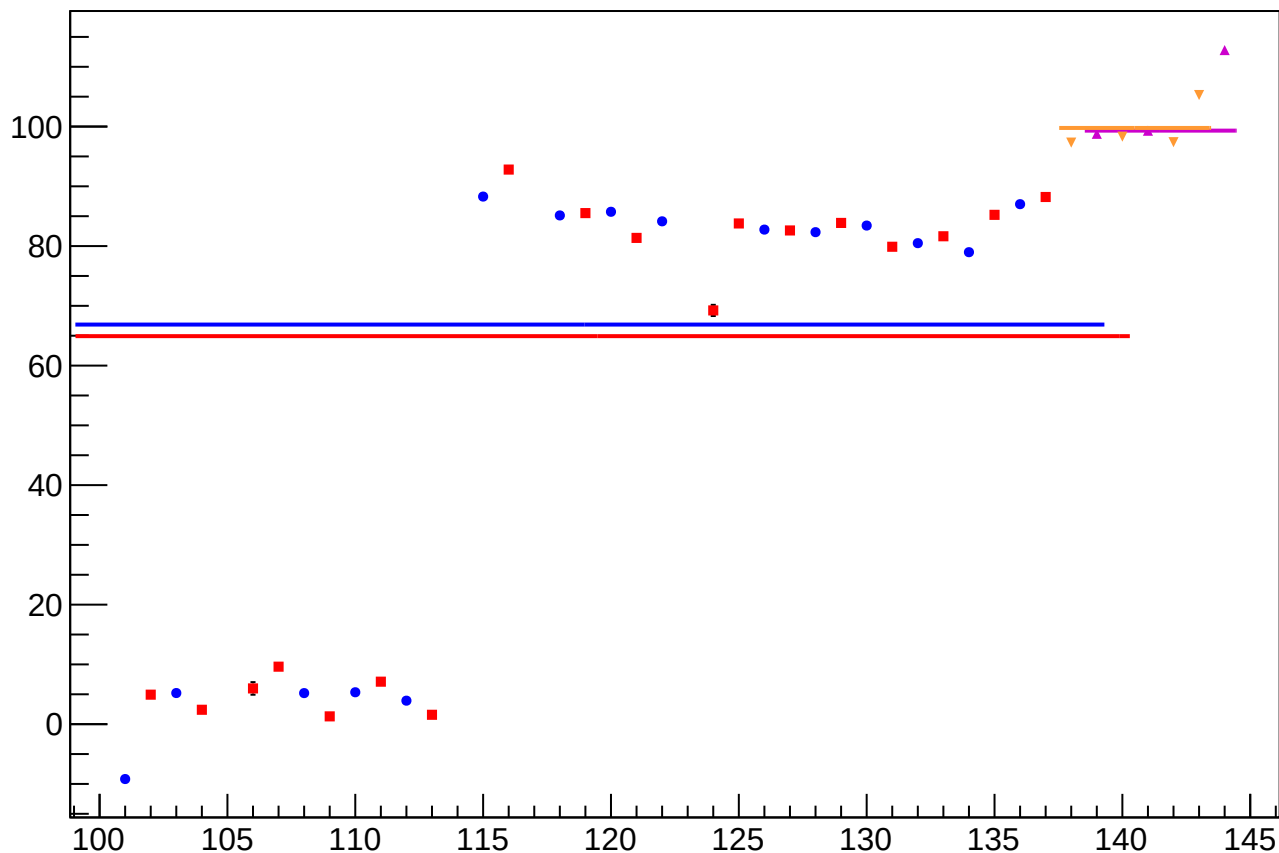
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.627 $\pm$ 0.009 χ^2 /NDF: 131353.9/17

Out: 21.820 $\pm$ 0.009 χ^2 /NDF: 188253.2/21

All: 21.726 $\pm$ 0.006 χ^2 /NDF: 319845.5/39

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.767 $\pm$ 0.030 χ^2 /NDF:12777.9/3

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: 99.563 $\pm$ 0.022 χ^2 /NDF: 14053.9/6

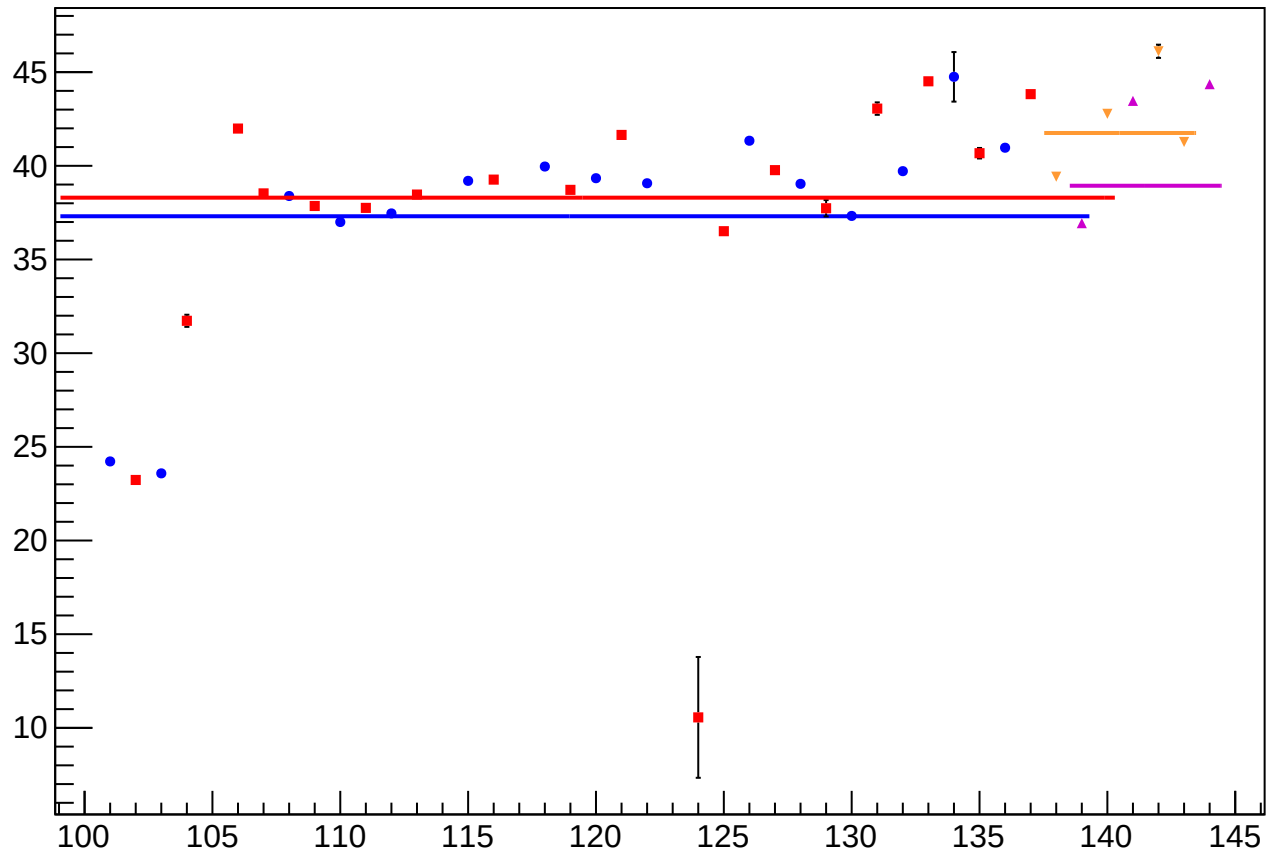
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 80.116 $\pm$ 0.021 χ^2 /NDF:2082581.4/17

Out: 82.342 $\pm$ 0.021 χ^2 /NDF:2033779.7/21

All: 81.218 $\pm$ 0.015 χ^2 /NDF: 4122021.7/39

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 41.752 ± 0.081 $\chi^2/\text{NDF}: 313.4/3$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.937 ± 0.058 $\chi^2/\text{NDF}: 2900.2/2$

Left: 39.898 ± 0.047 $\chi^2/\text{NDF}: 4015.3/6$

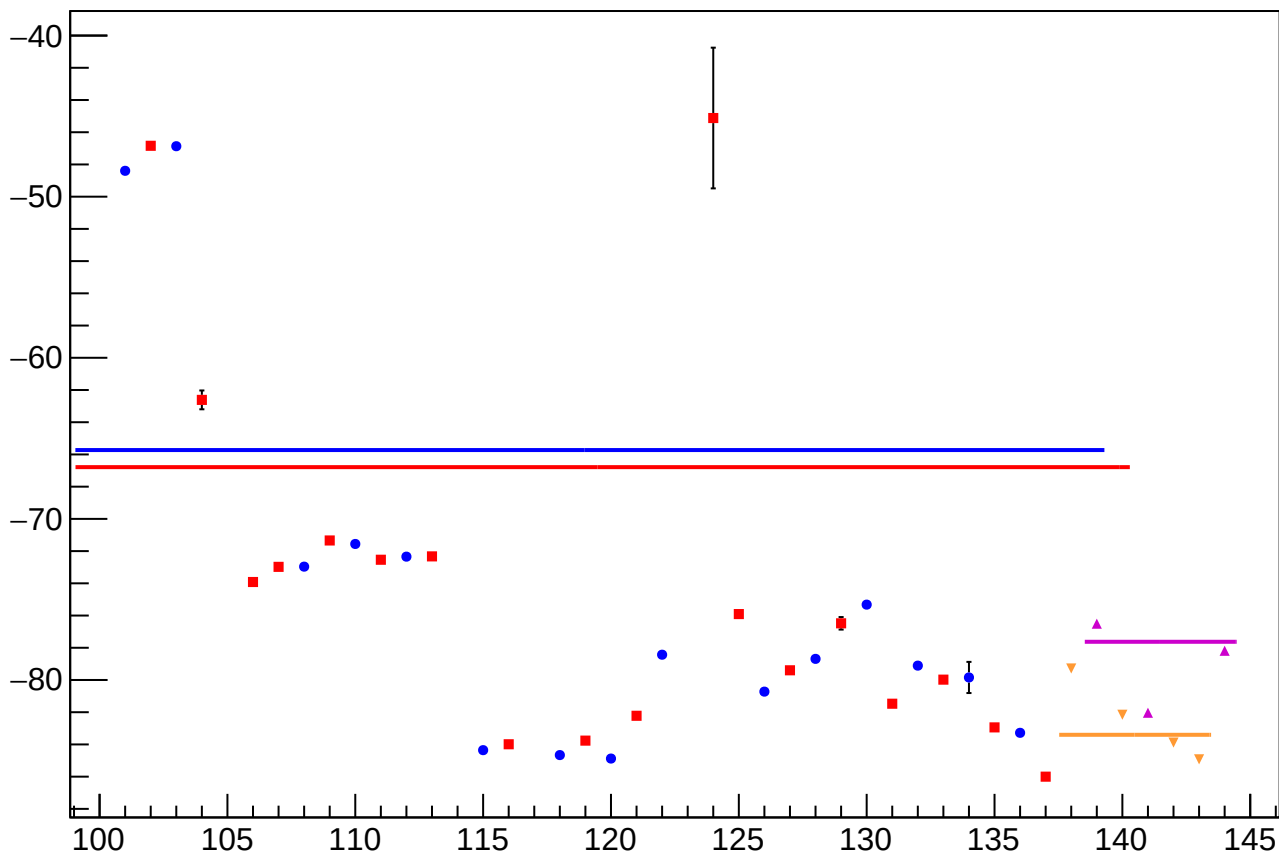
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.530 ± 0.021 $\chi^2/\text{NDF}: 63158.8/17$

Out: 38.509 ± 0.020 $\chi^2/\text{NDF}: 20872.7/21$

All: 38.057 ± 0.015 $\chi^2/\text{NDF}: 85153.2/39$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -83.402 ± 0.069 $\chi^2/\text{NDF}: 712.8/3$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.628 ± 0.046 $\chi^2/\text{NDF}: 2042.9/2$

Left: -79.394 ± 0.038 $\chi^2/\text{NDF}: 7597.2/6$

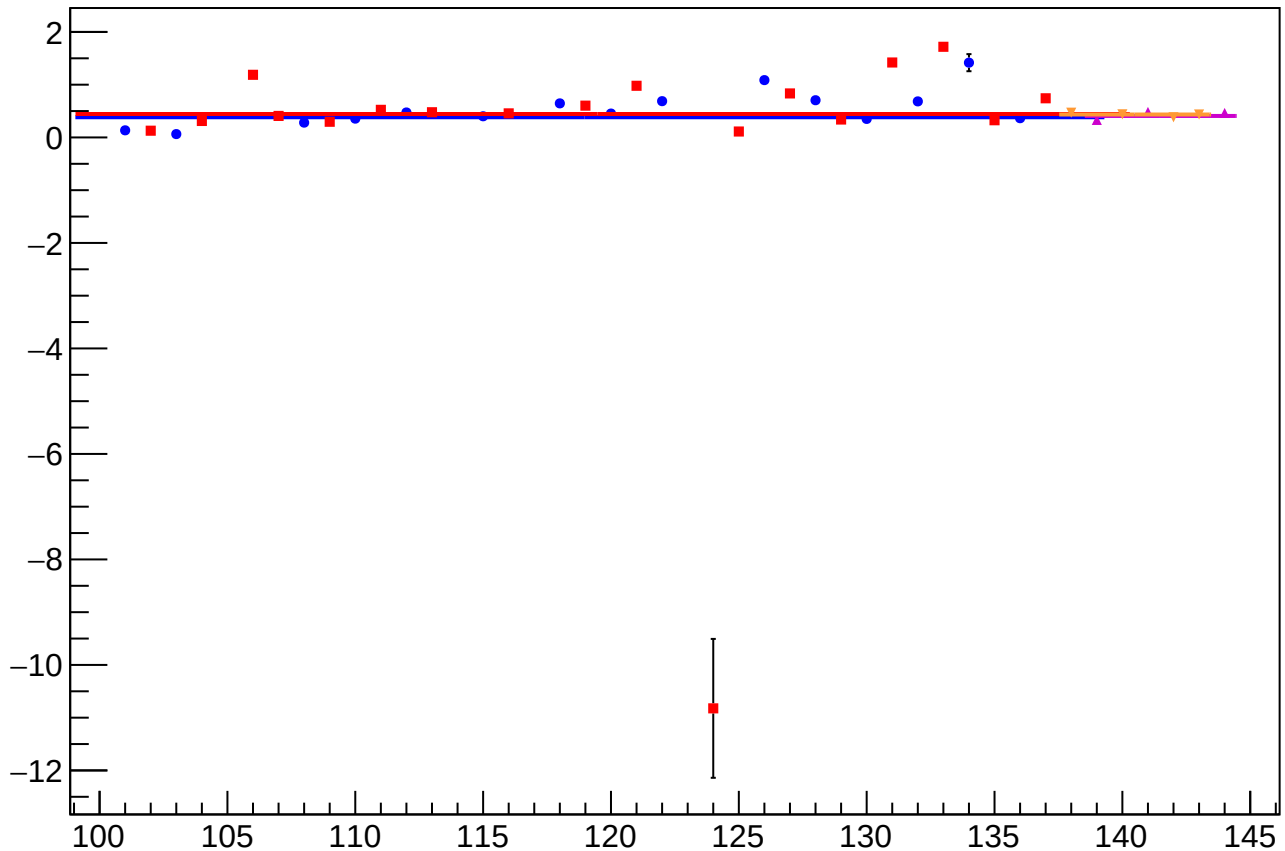
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.142 ± 0.016 $\chi^2/\text{NDF}: 964365.1/17$

Out: -67.614 ± 0.015 $\chi^2/\text{NDF}: 864951.6/21$

All: -67.384 ± 0.011 $\chi^2/\text{NDF}: 1829773.6/39$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.435 $\pm$ 0.002 χ^2 /NDF: 47.3/3

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: 0.420 $\pm$ 0.001 χ^2 /NDF: 2124.3/6

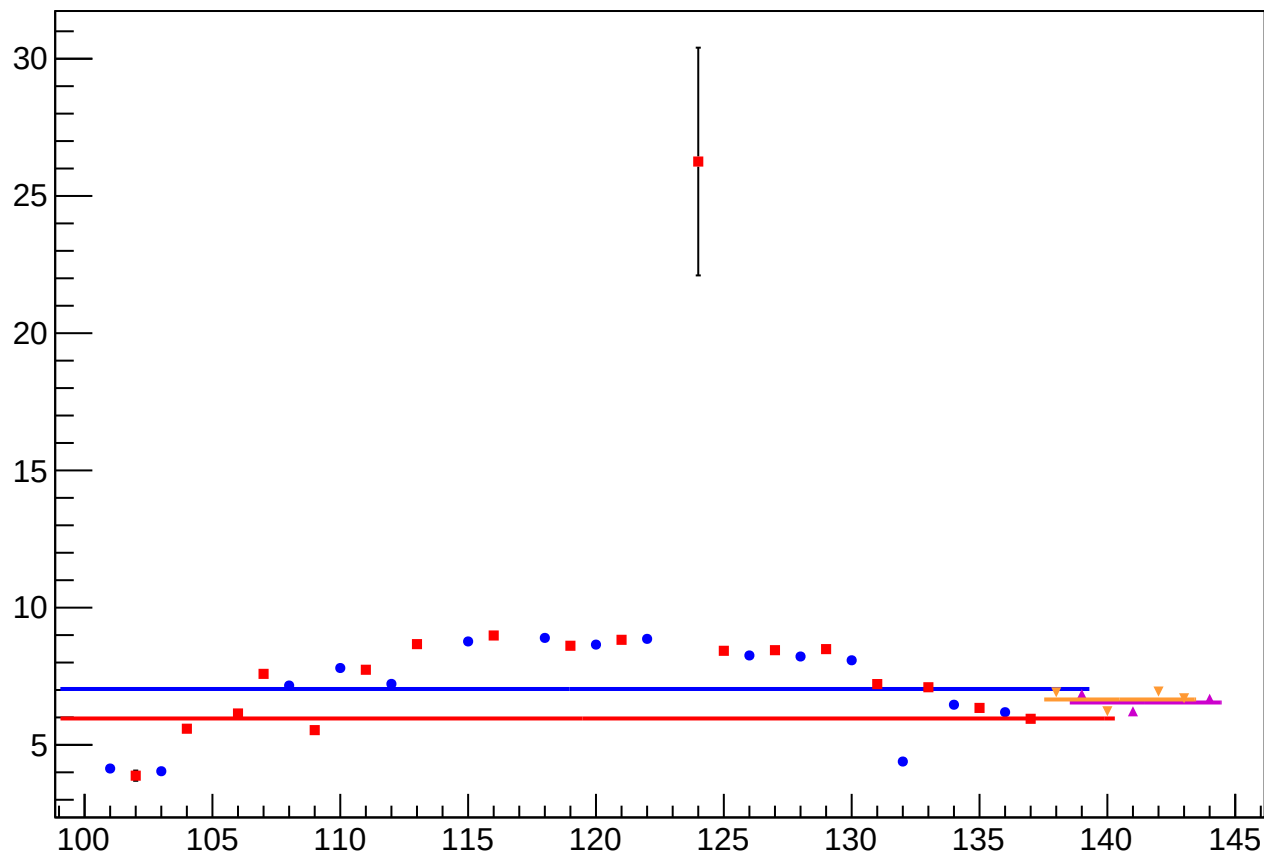
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.396 $\pm$ 0.001 χ^2 /NDF: 10216.1/17

Out: 0.436 $\pm$ 0.002 χ^2 /NDF: 2839.0/21

All: 0.412 $\pm$ 0.001 χ^2 /NDF: 13453.5/39

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.654 ± 0.005 χ^2/NDF : 2659.5/3

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: 6.602 ± 0.003 χ^2/NDF : 5949.5/6

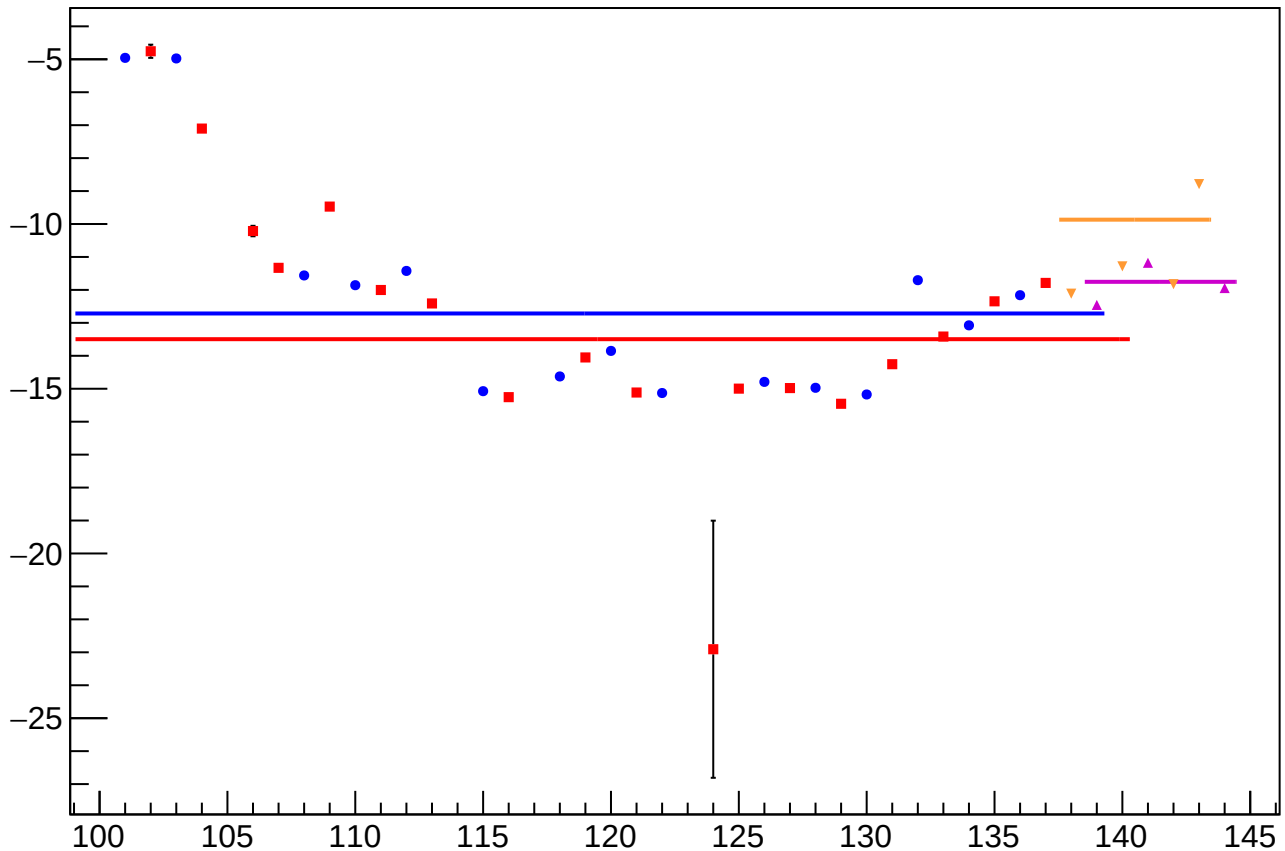
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.810 ± 0.003 χ^2/NDF : 78374.8/17

Out: 5.967 ± 0.000 χ^2/NDF : 192956.8/21

All: 5.979 ± 0.000 χ^2/NDF : 334666.5/39

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2/NDF : 85219.4/14

Left Out: -9.868 $\pm$ 0.005 χ^2/NDF :84335.6/3

Right Out: -13.496 $\pm$ 0.006 χ^2/NDF : 55753.8/17

Left In: -11.755 $\pm$ 0.009 χ^2/NDF :3490.4/2

Left: -10.331 $\pm$ 0.004 χ^2/NDF : 123197.2/6

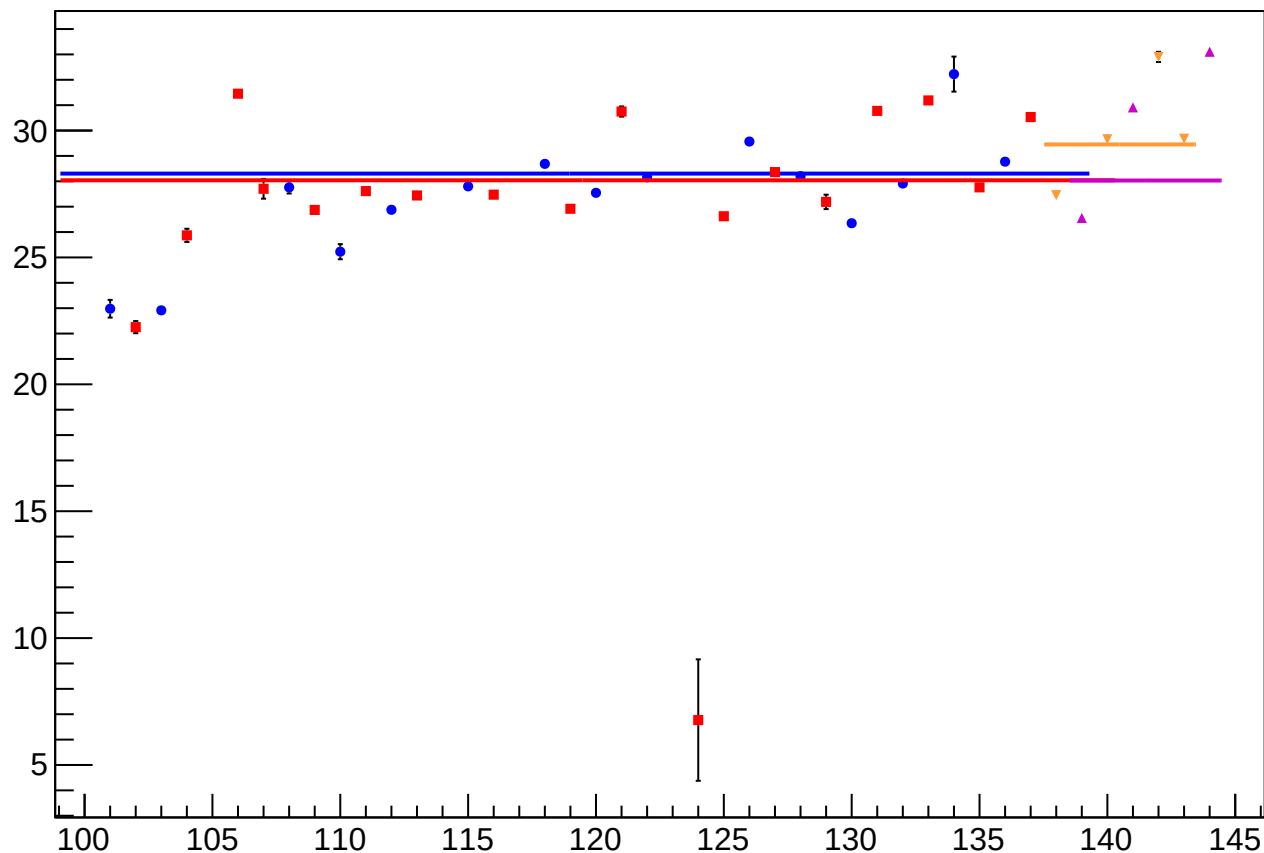
Right: -13.142 $\pm$ 0.004 χ^2/NDF : 149153.5/32

In: -12.380 $\pm$ 0.005 χ^2/NDF :96625.9/17

Out: -11.401 $\pm$ 0.004 χ^2/NDF :365165.3/21

All: -11.744 $\pm$ 0.003 χ^2/NDF : 485335.0/39

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.452 $\pm$ 0.054 χ^2 /NDF:590.2/3

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: 28.614 $\pm$ 0.034 χ^2 /NDF: 3681.0/6

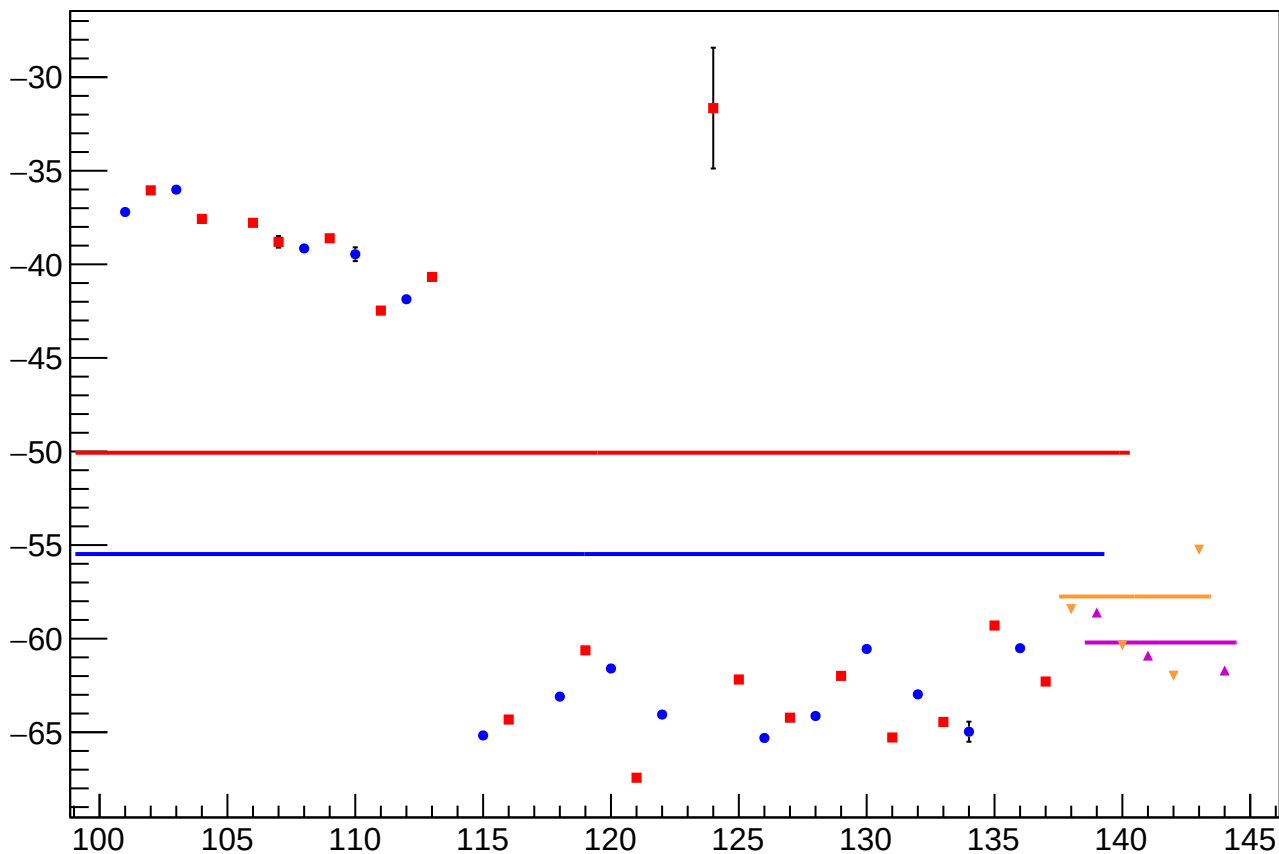
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.247 $\pm$ 0.021 χ^2 /NDF:6107.6/17

Out: 28.381 $\pm$ 0.026 χ^2 /NDF:3676.0/21

All: 28.297 $\pm$ 0.016 χ^2 /NDF: 9799.7/39

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.749 ± 0.047 $\chi^2/\text{NDF}: 2911.0/3$

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: -58.828 ± 0.035 $\chi^2/\text{NDF}: 4669.0/6$

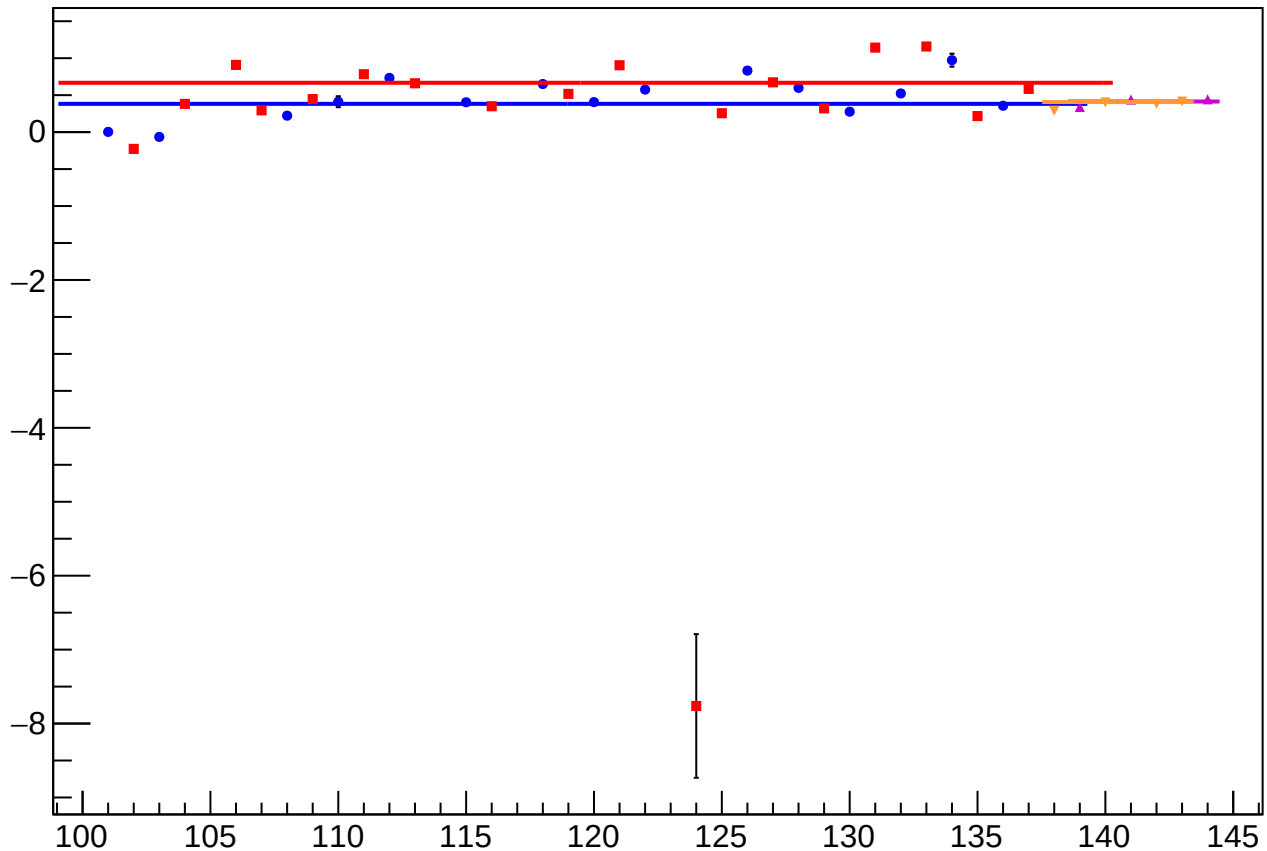
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.903 ± 0.016 $\chi^2/\text{NDF}: 602972.6/17$

Out: -51.577 ± 0.021 $\chi^2/\text{NDF}: 364726.1/21$

All: -54.312 ± 0.013 $\chi^2/\text{NDF}: 995245.9/39$

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 $\chi^2/\text{NDF}: 241.6/3$

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 $\chi^2/\text{NDF}: 1216.3/6$

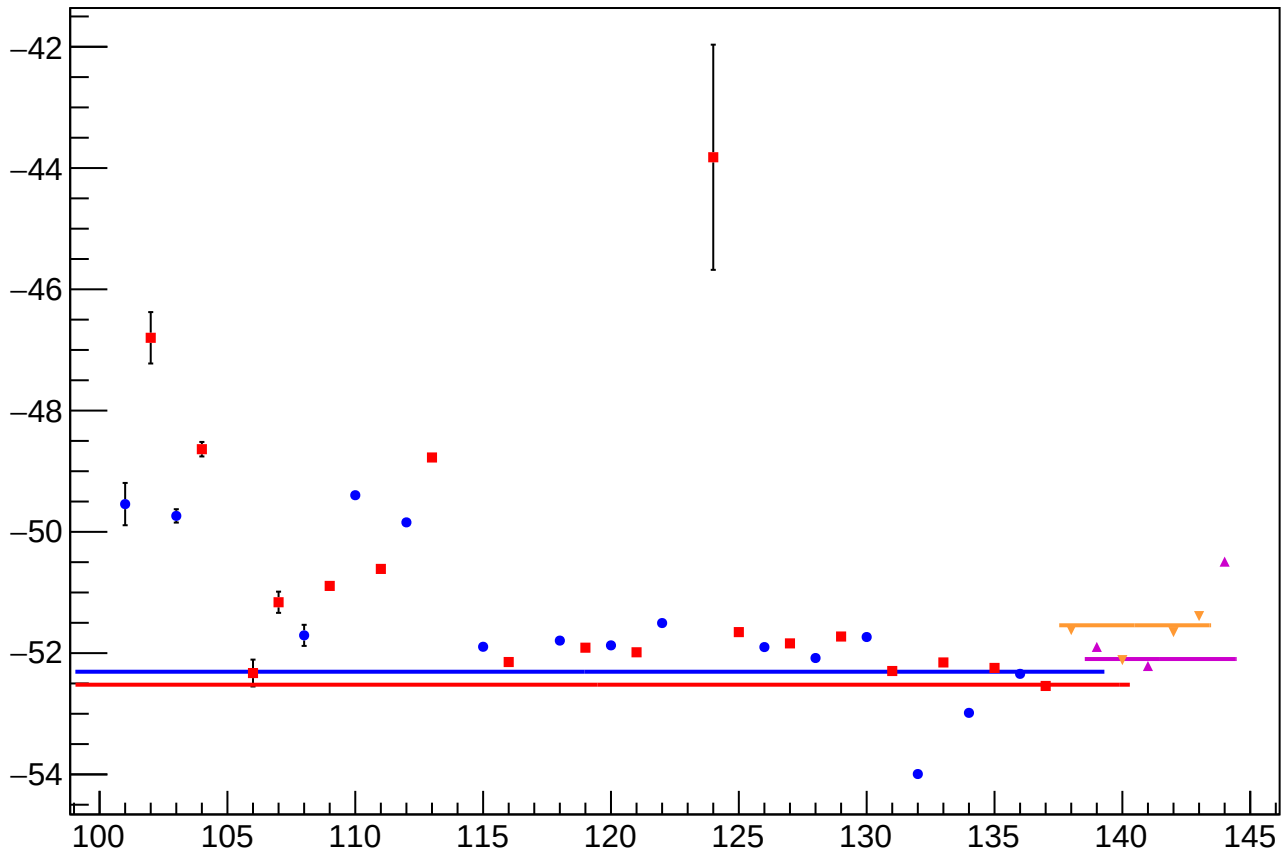
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.400 ± 0.001 $\chi^2/\text{NDF}: 5773.8/17$

Out: 0.424 ± 0.001 $\chi^2/\text{NDF}: 6942.1/21$

All: 0.411 ± 0.001 $\chi^2/\text{NDF}: 12941.4/39$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -51.541 $\pm$ 0.005 χ^2 /NDF: 2015.8/3

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -52.097 $\pm$ 0.005 χ^2 /NDF: 3914.3/2

Left: -51.792 $\pm$ 0.003 χ^2 /NDF: 12445.3/6

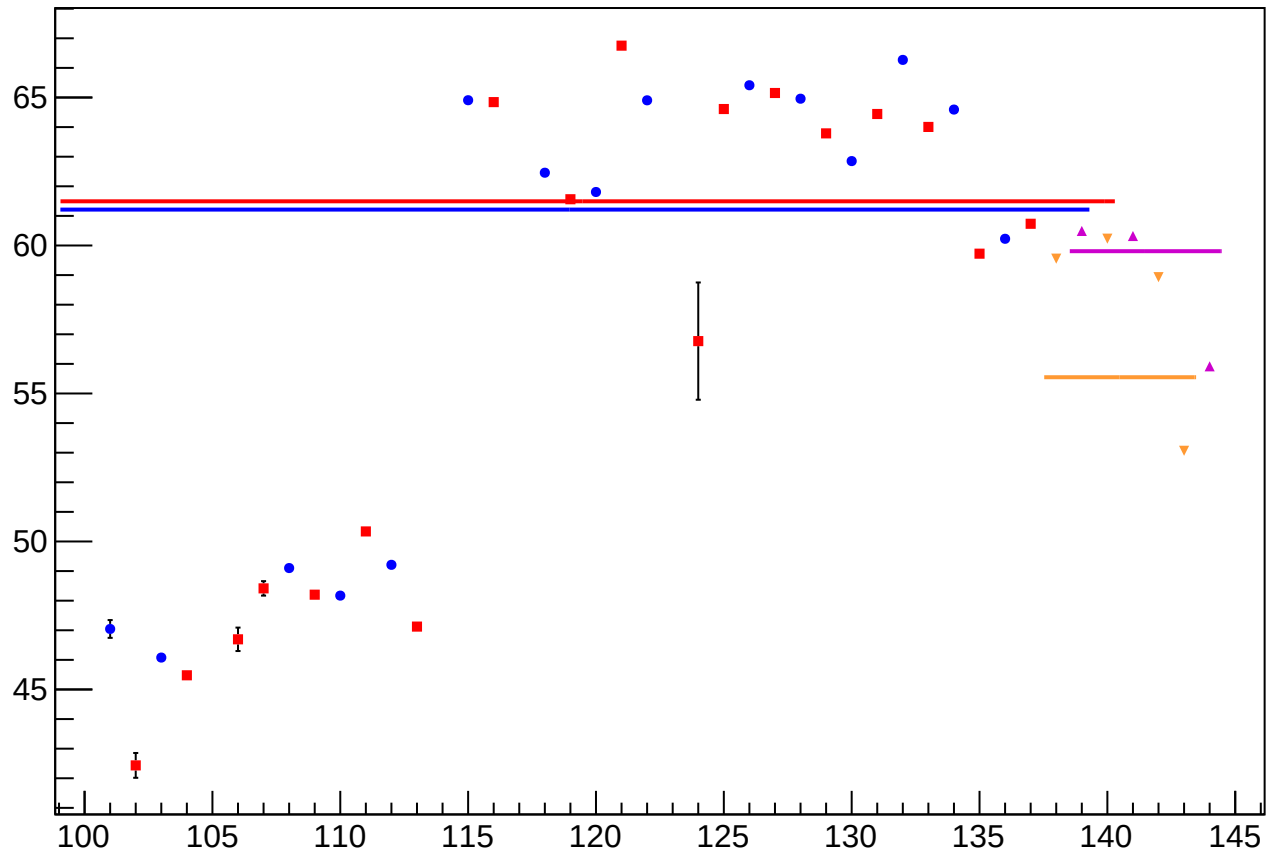
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -52.230 $\pm$ 0.003 χ^2 /NDF: 30407.5/17

Out: -52.468 $\pm$ 0.001 χ^2 /NDF: 59368.2/21

All: -52.442 $\pm$ 0.001 χ^2 /NDF: 95069.4/39

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.549 ± 0.008 $\chi^2/\text{NDF}: 183146.0/3$

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: 55.963 ± 0.007 $\chi^2/\text{NDF}: 218393.9/6$

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: 58.854 ± 0.005 $\chi^2/\text{NDF}: 774289.8/21$

All: 59.350 ± 0.004 $\chi^2/\text{NDF}: 980359.0/39$

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

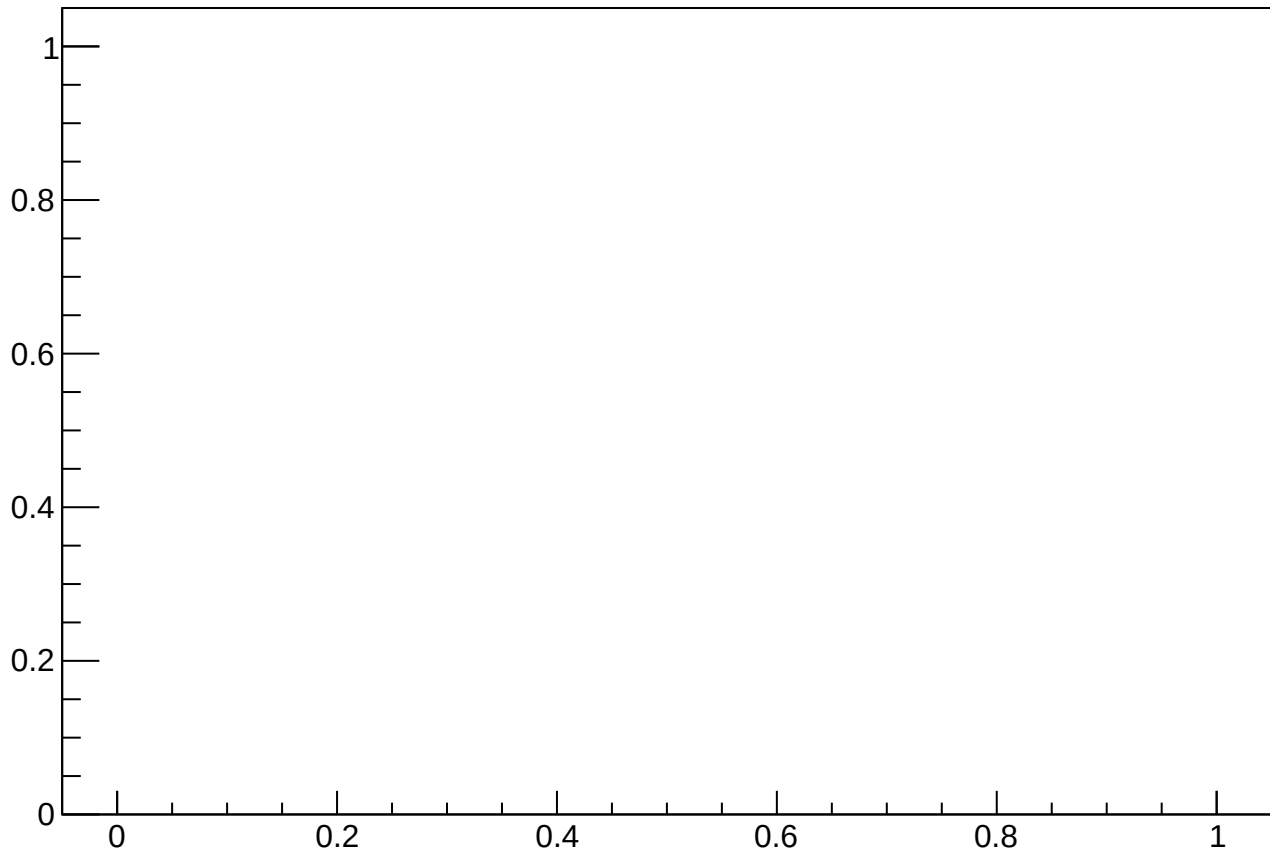
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

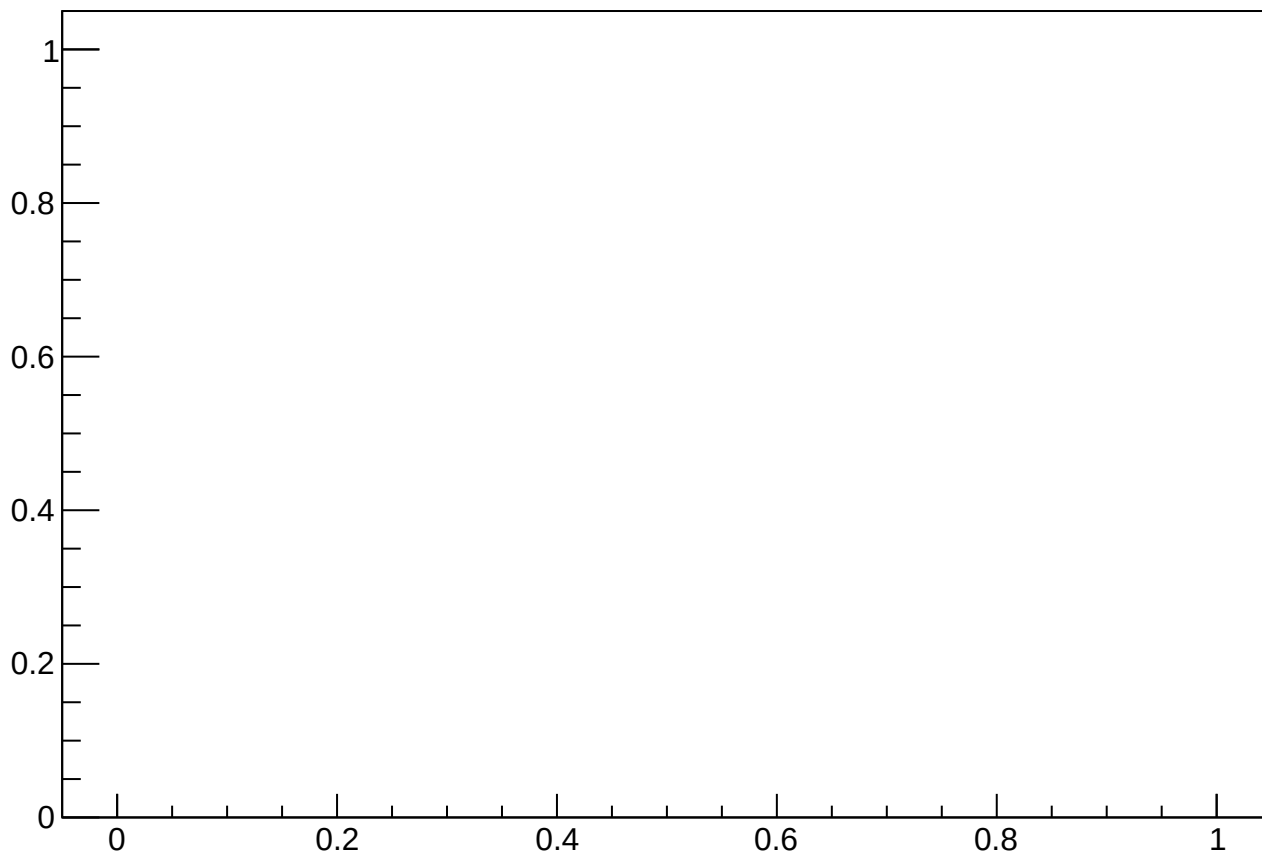
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

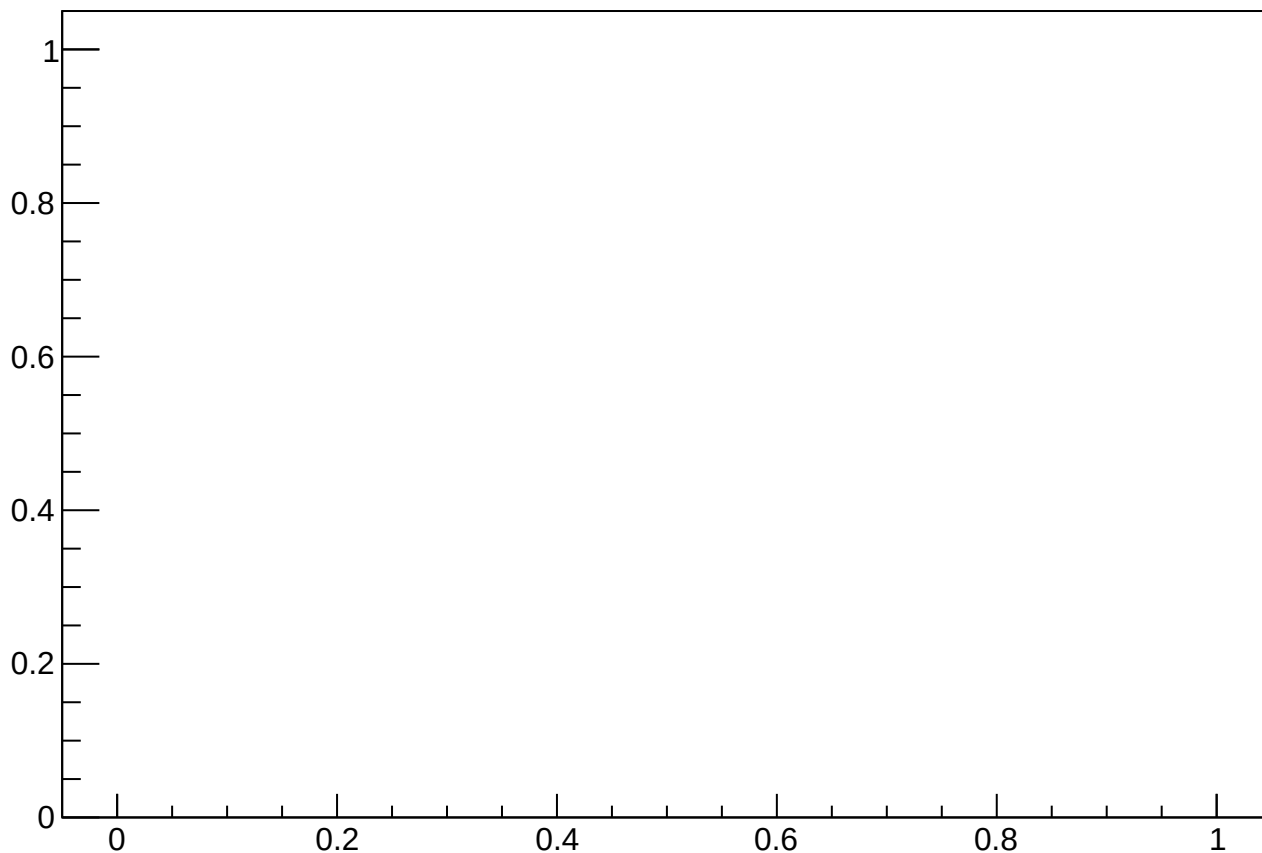
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

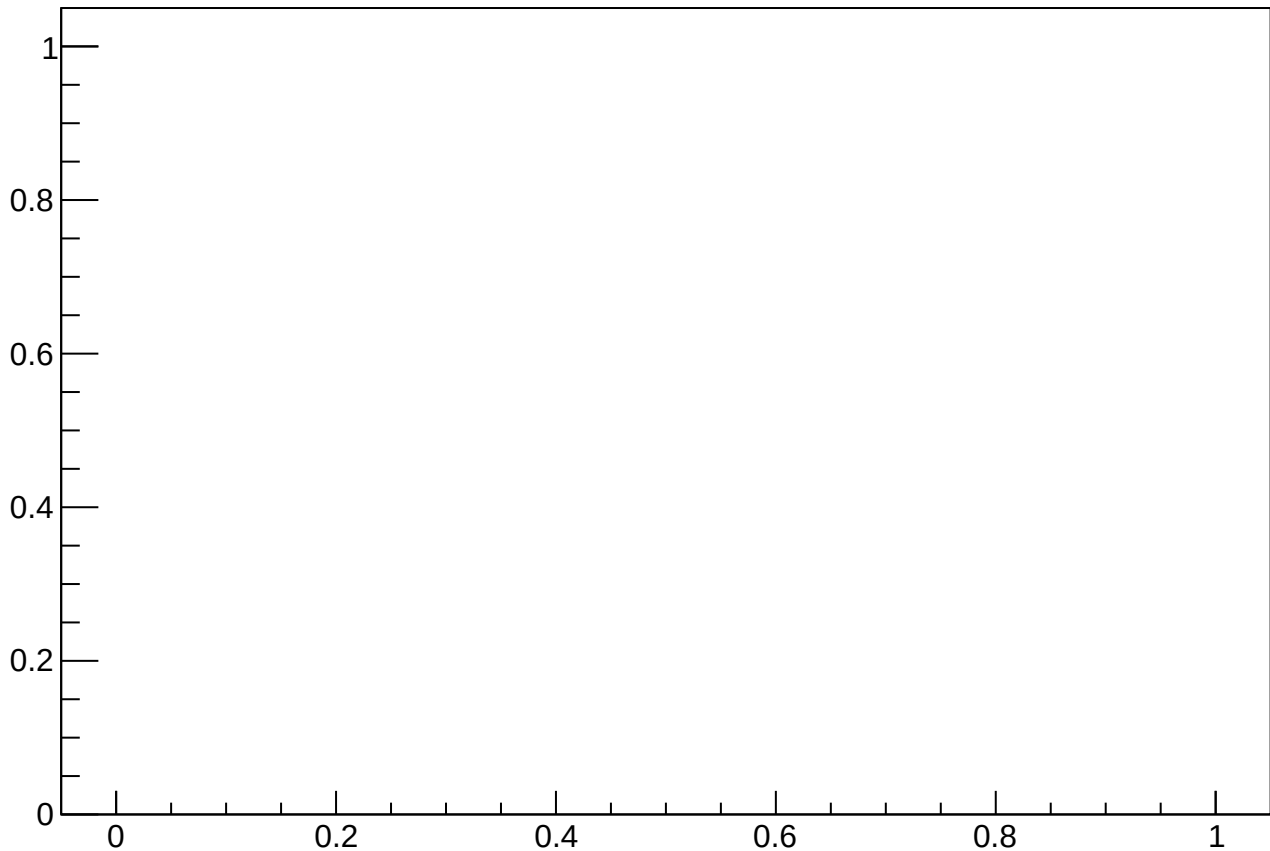
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

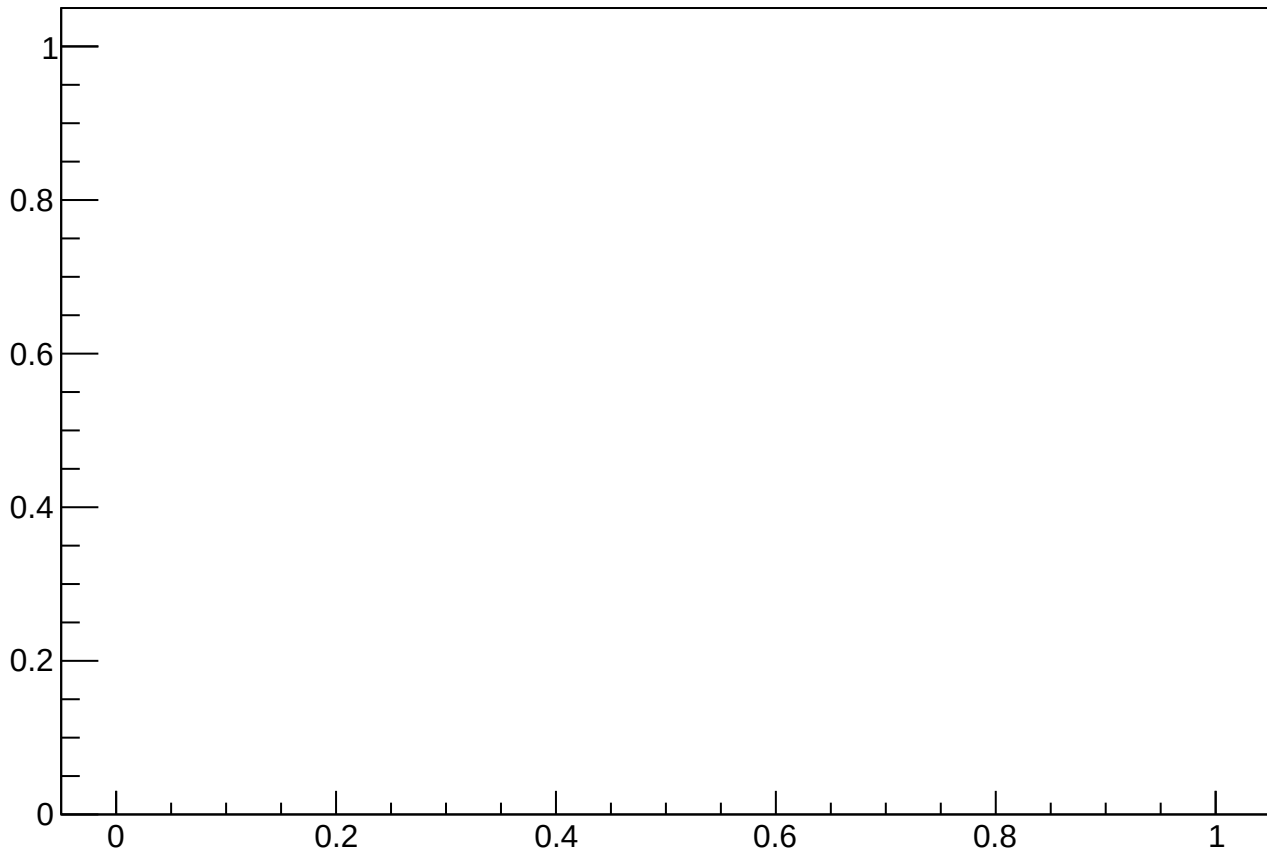
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

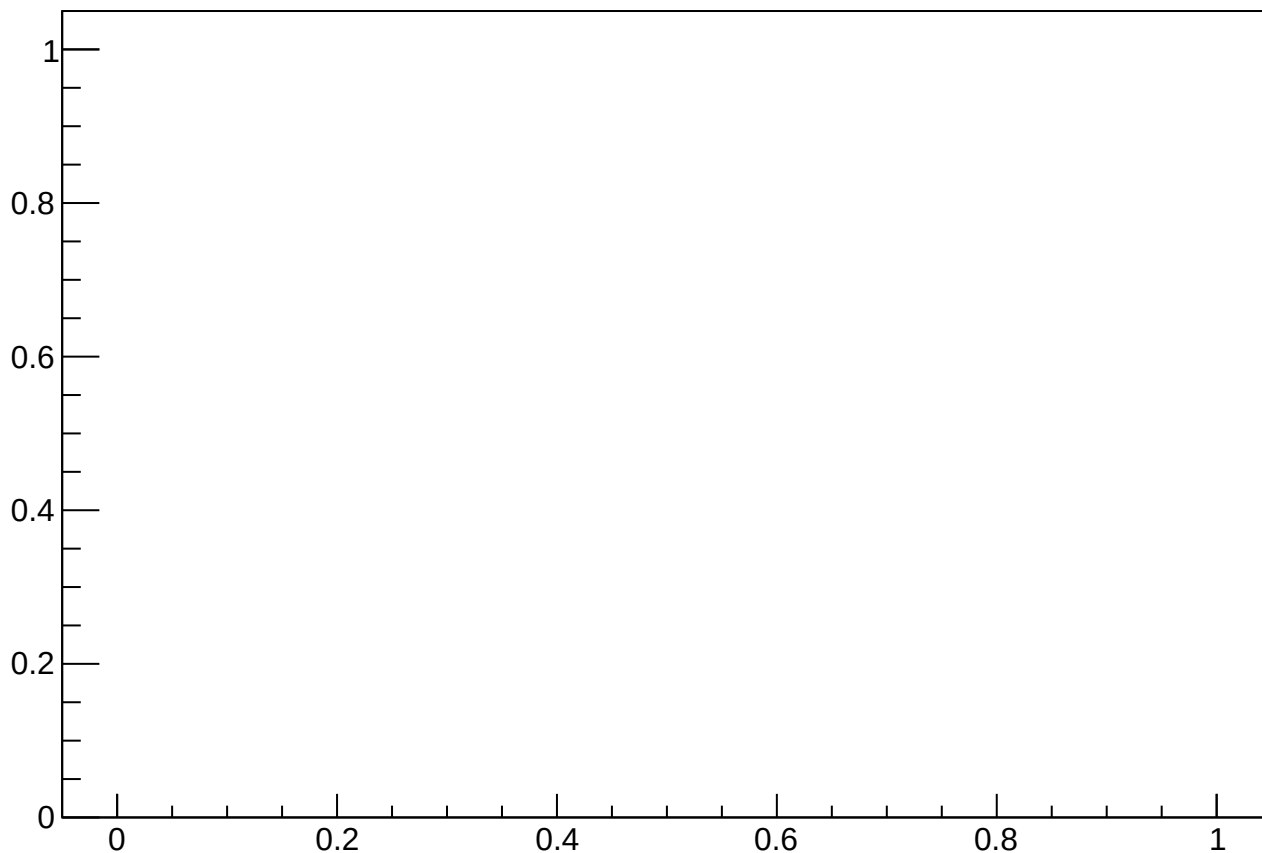
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

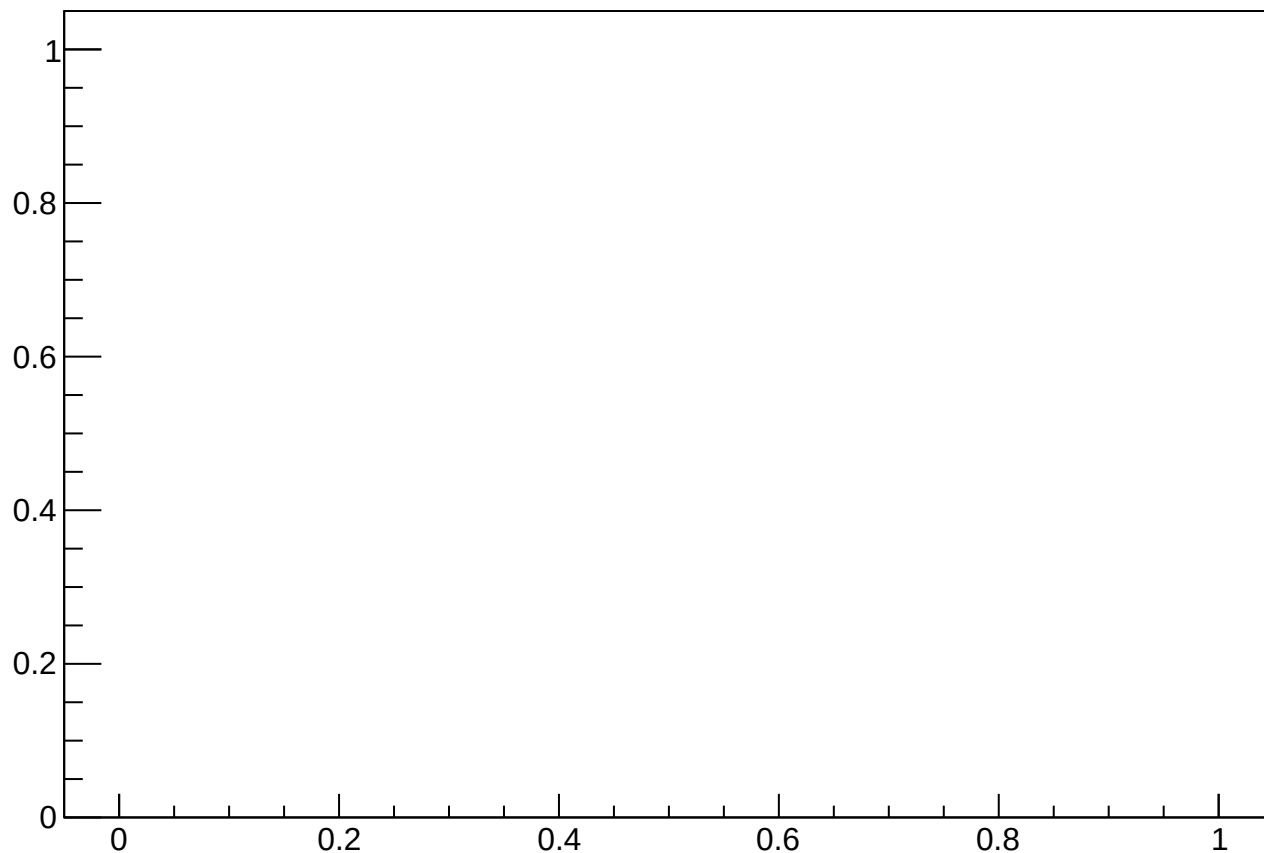
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

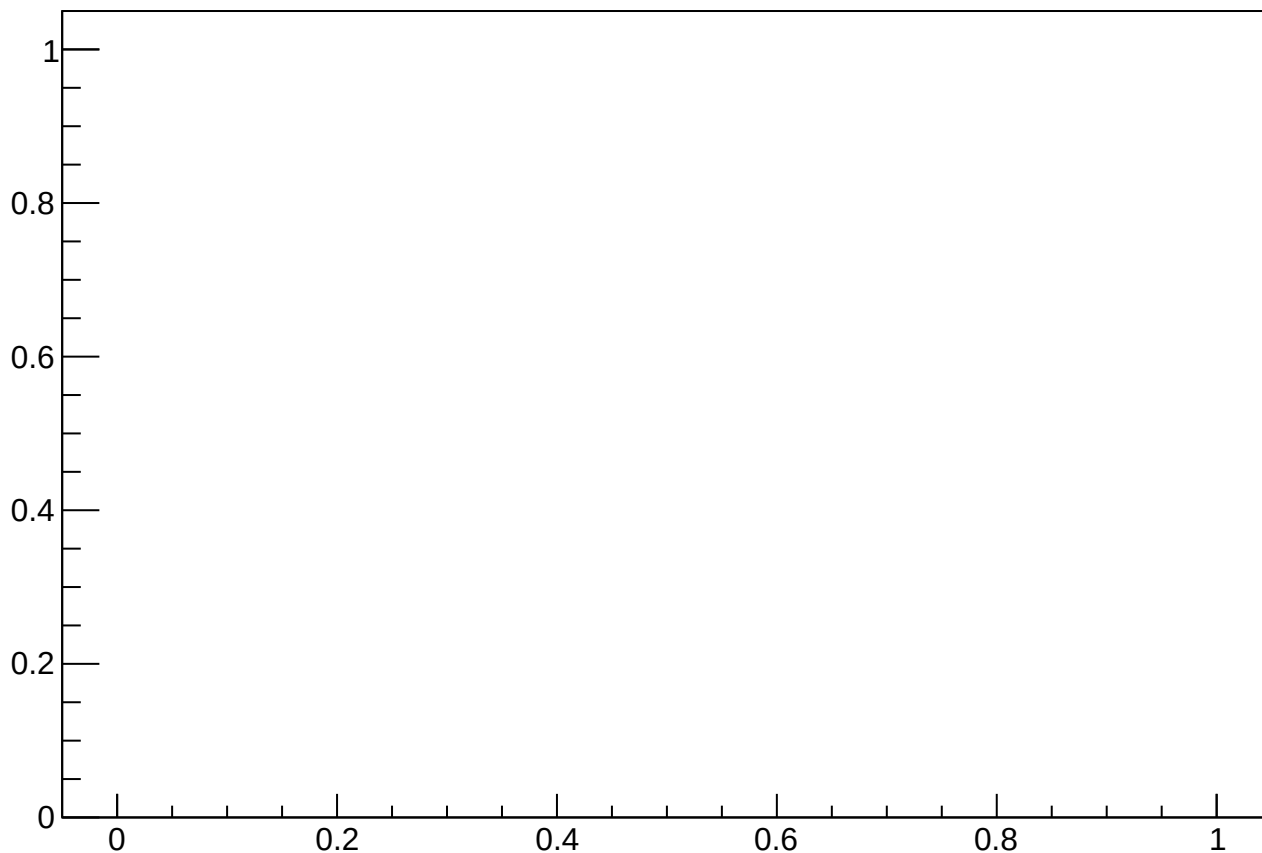
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

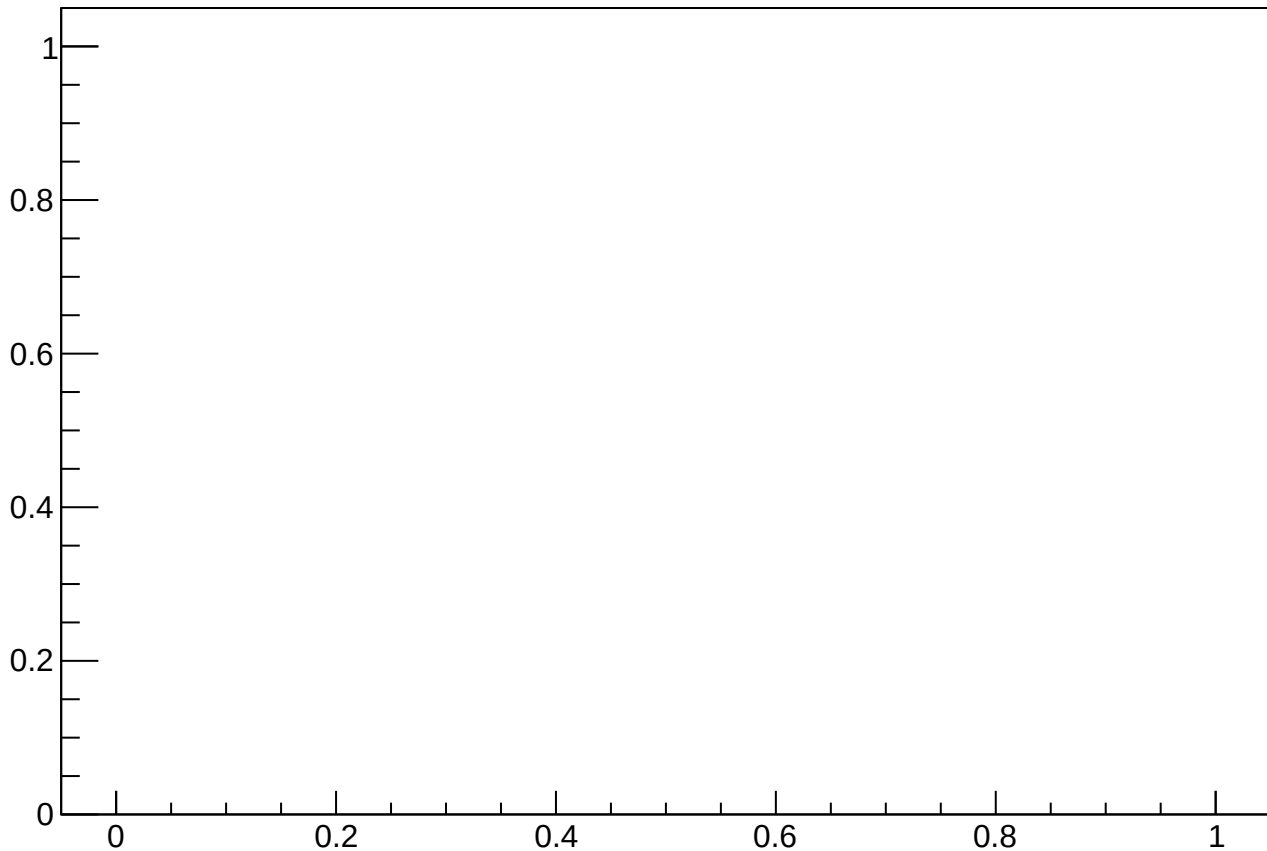
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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 $\pm$ 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_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

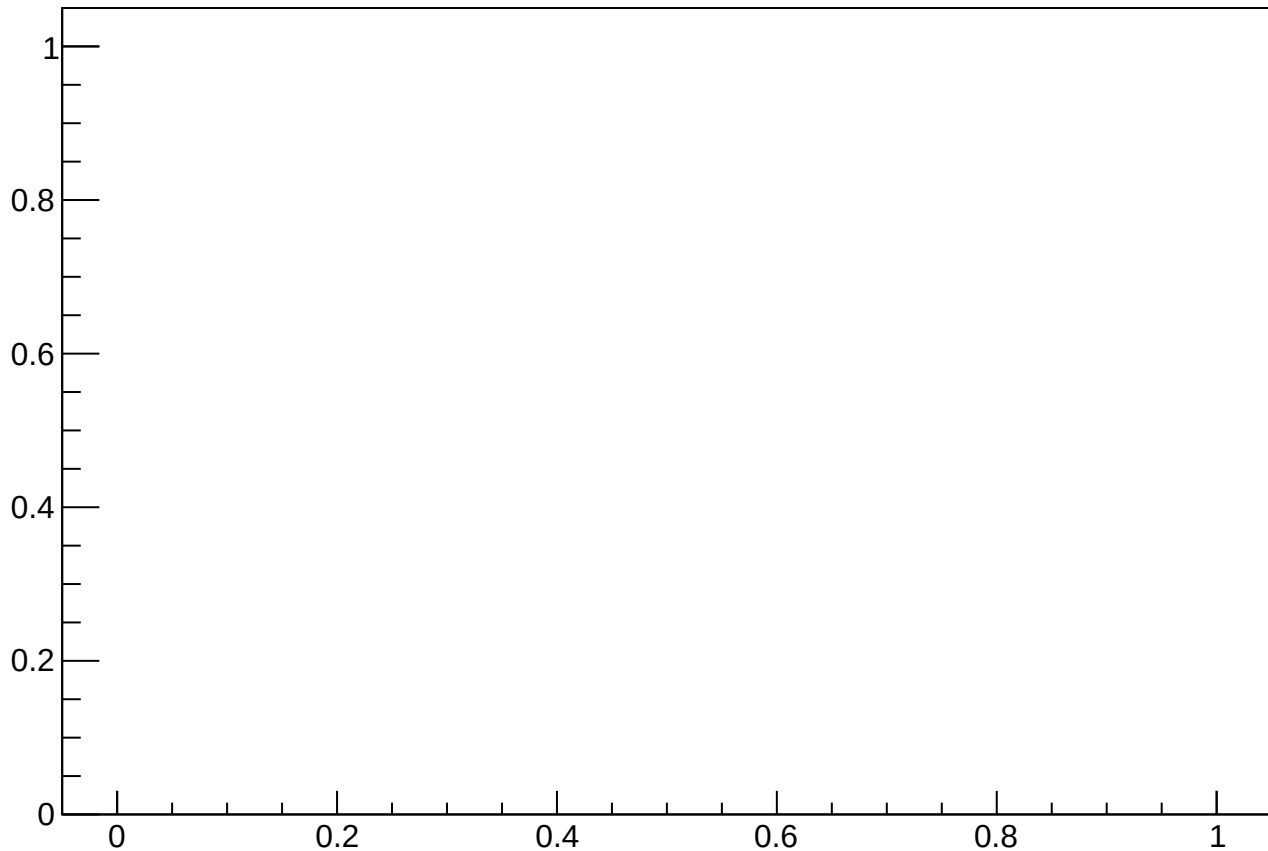
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

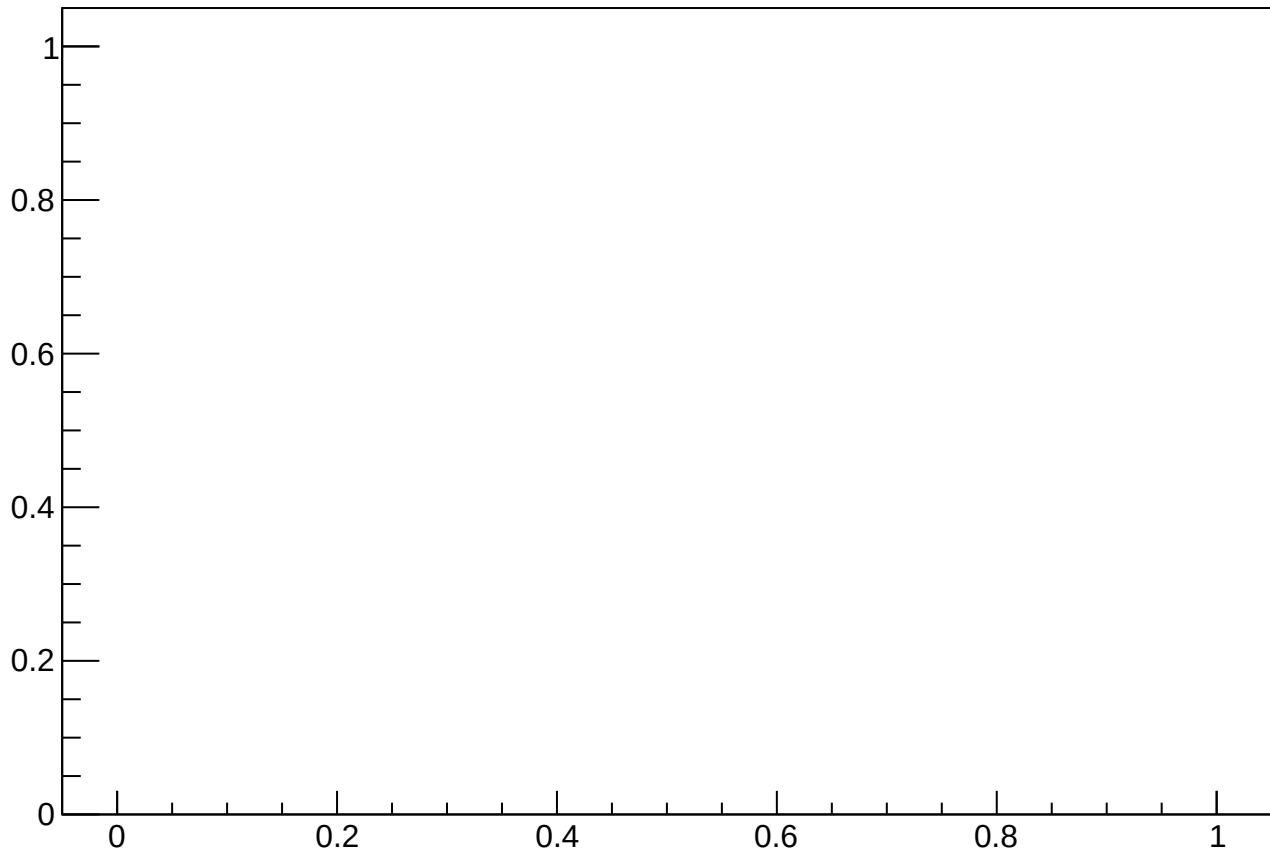
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

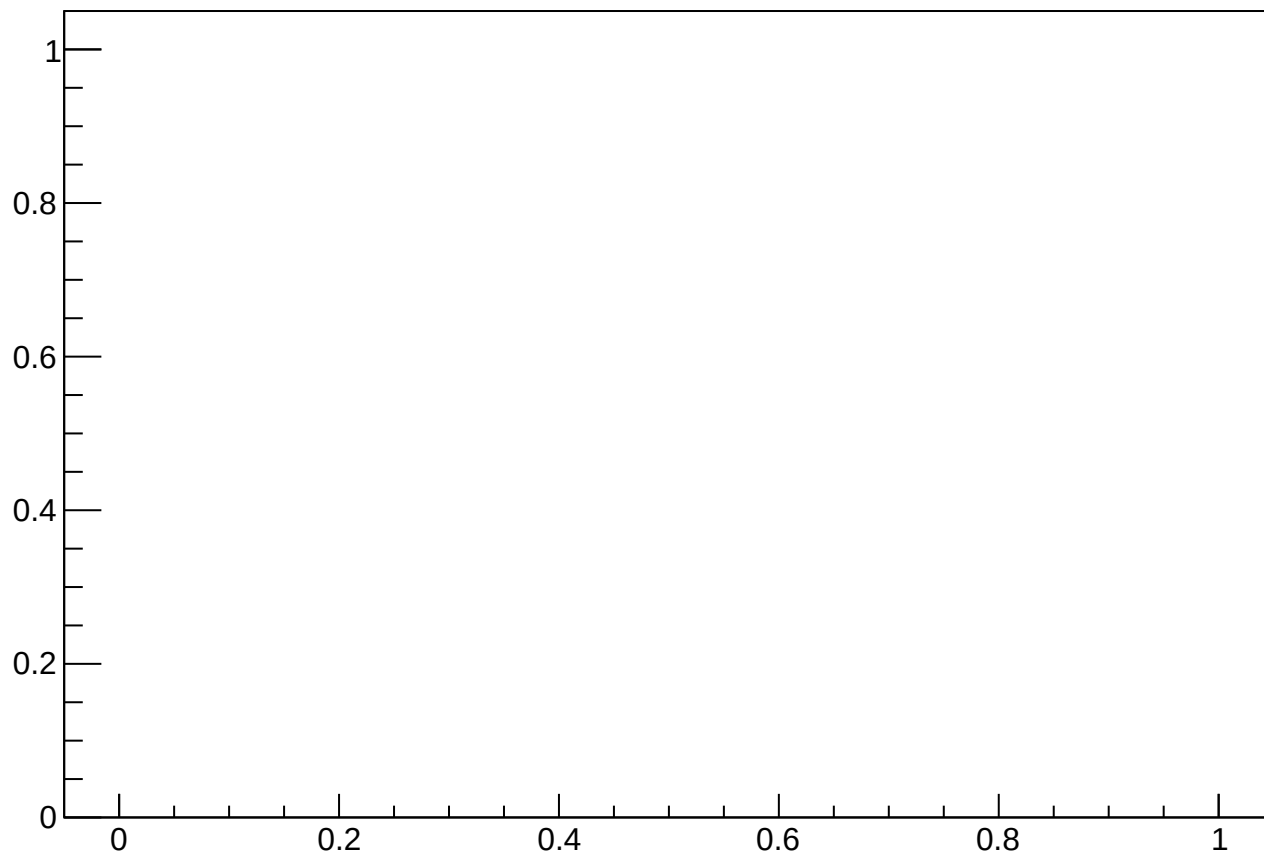
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

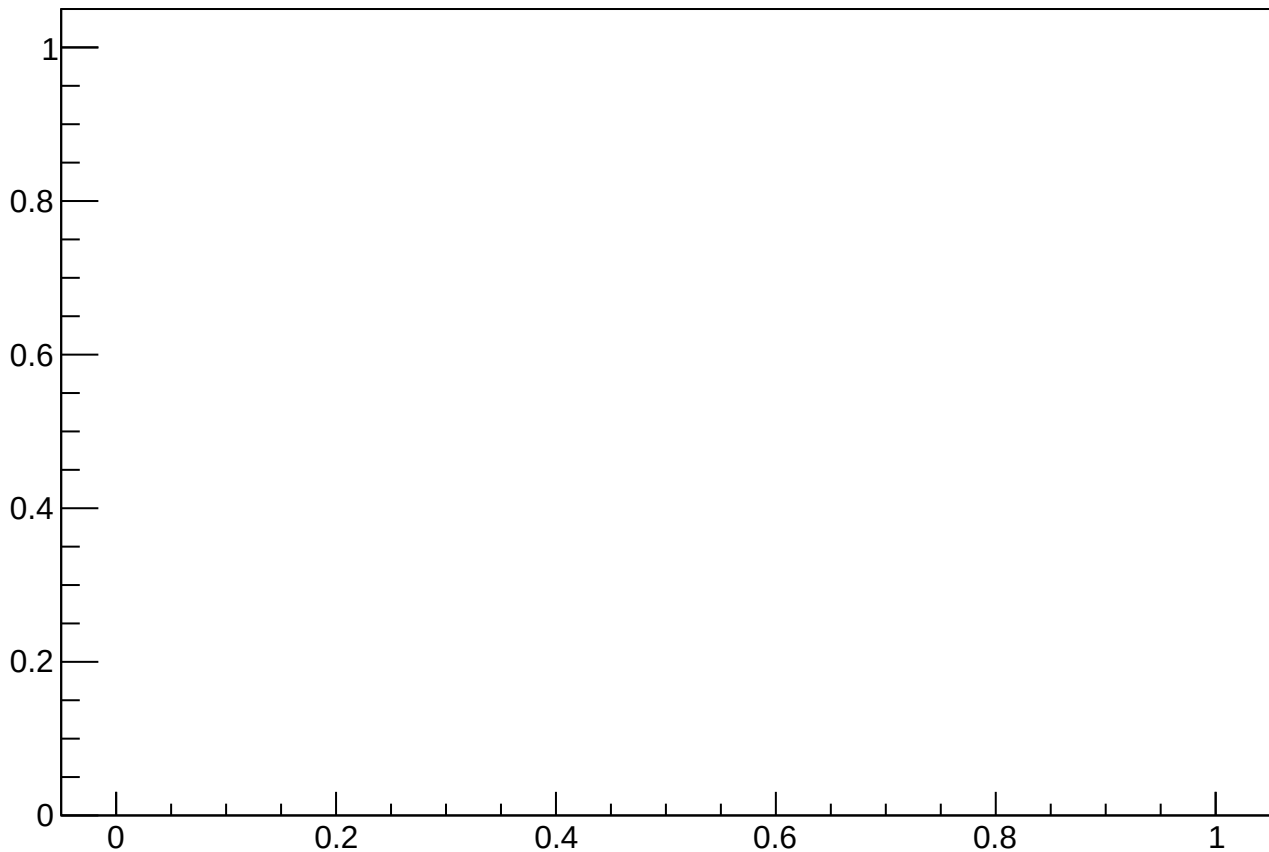
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

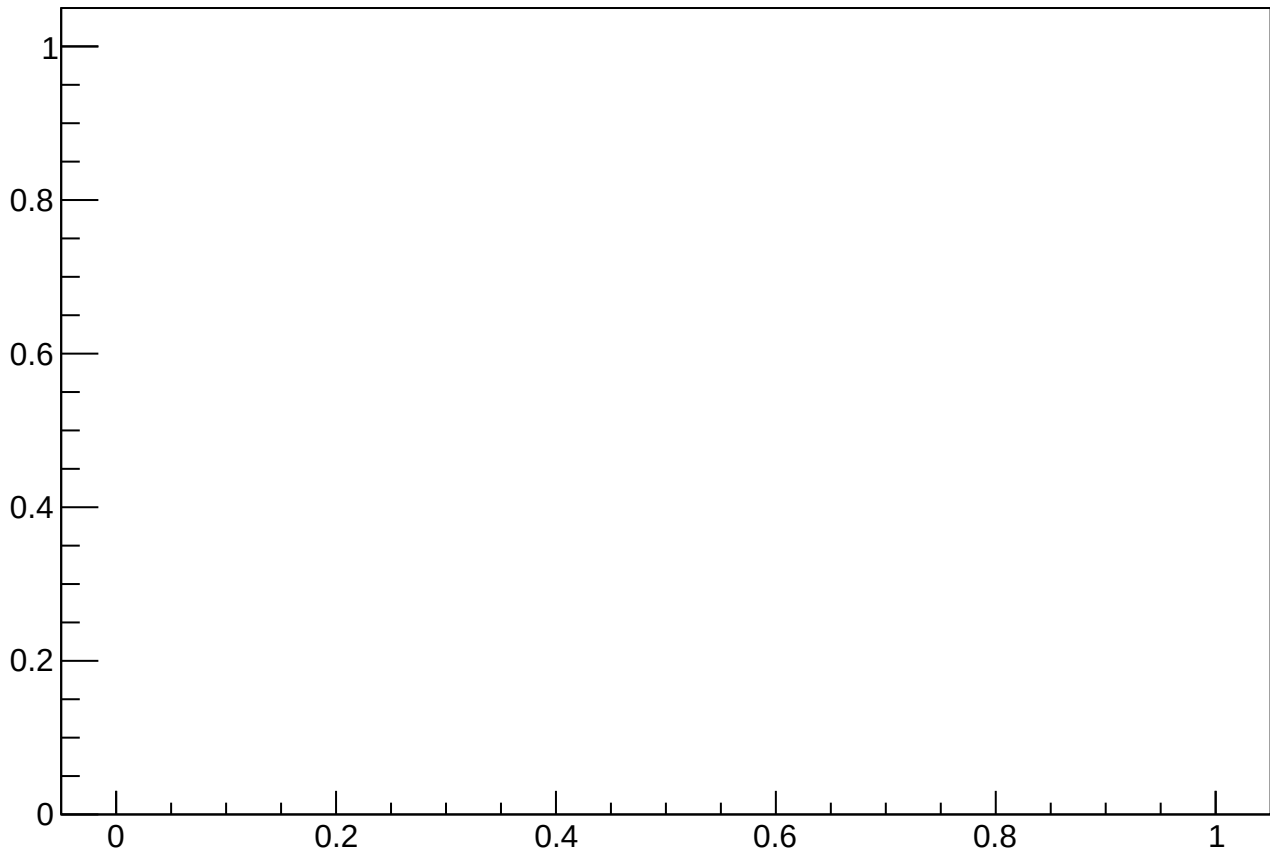
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

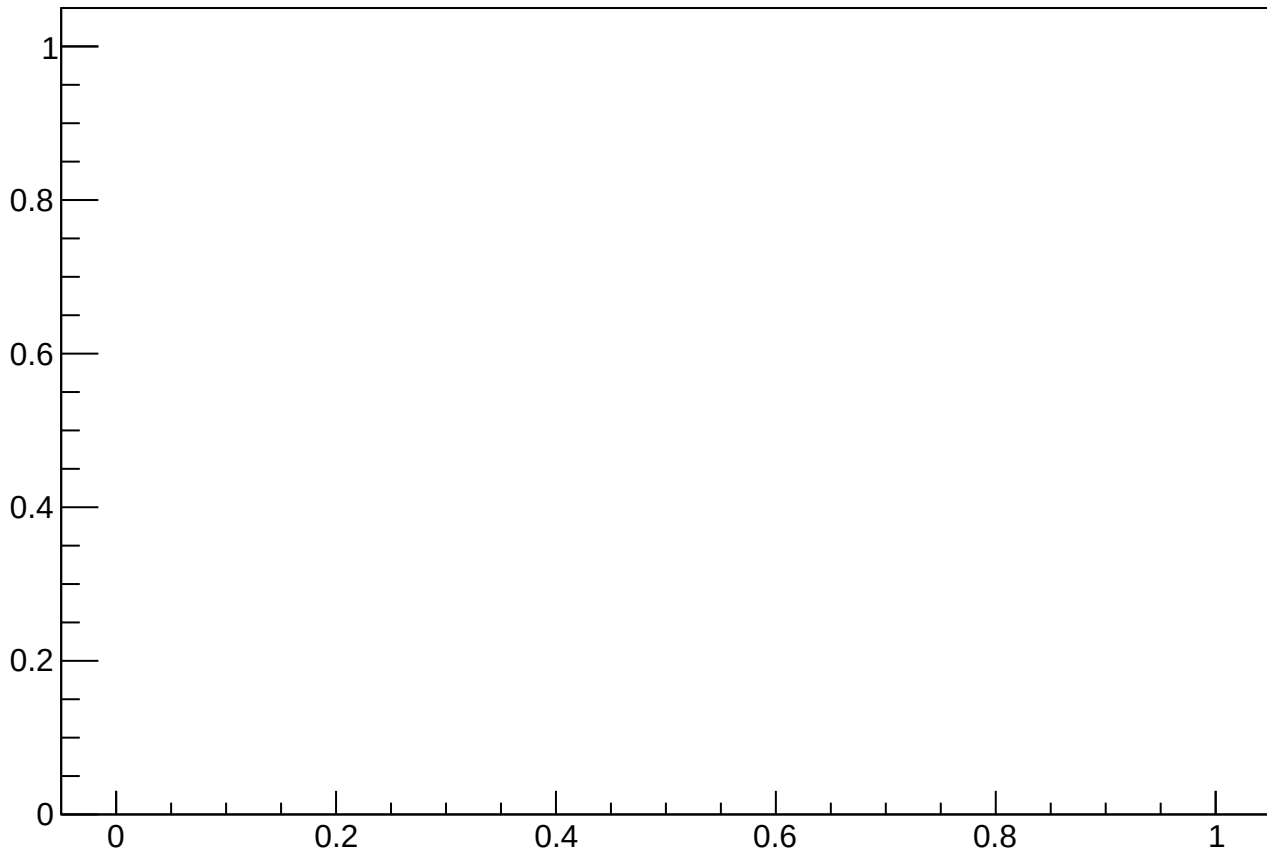
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

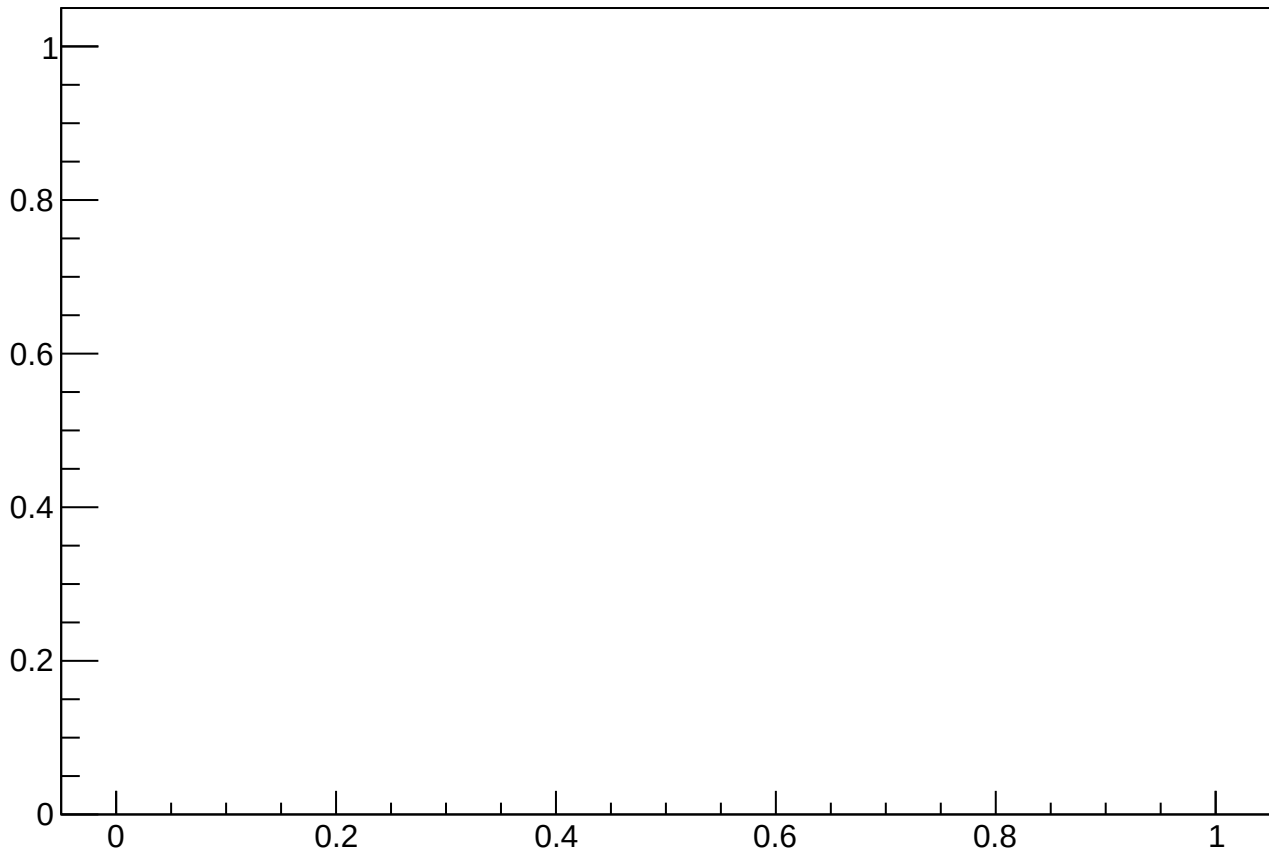
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

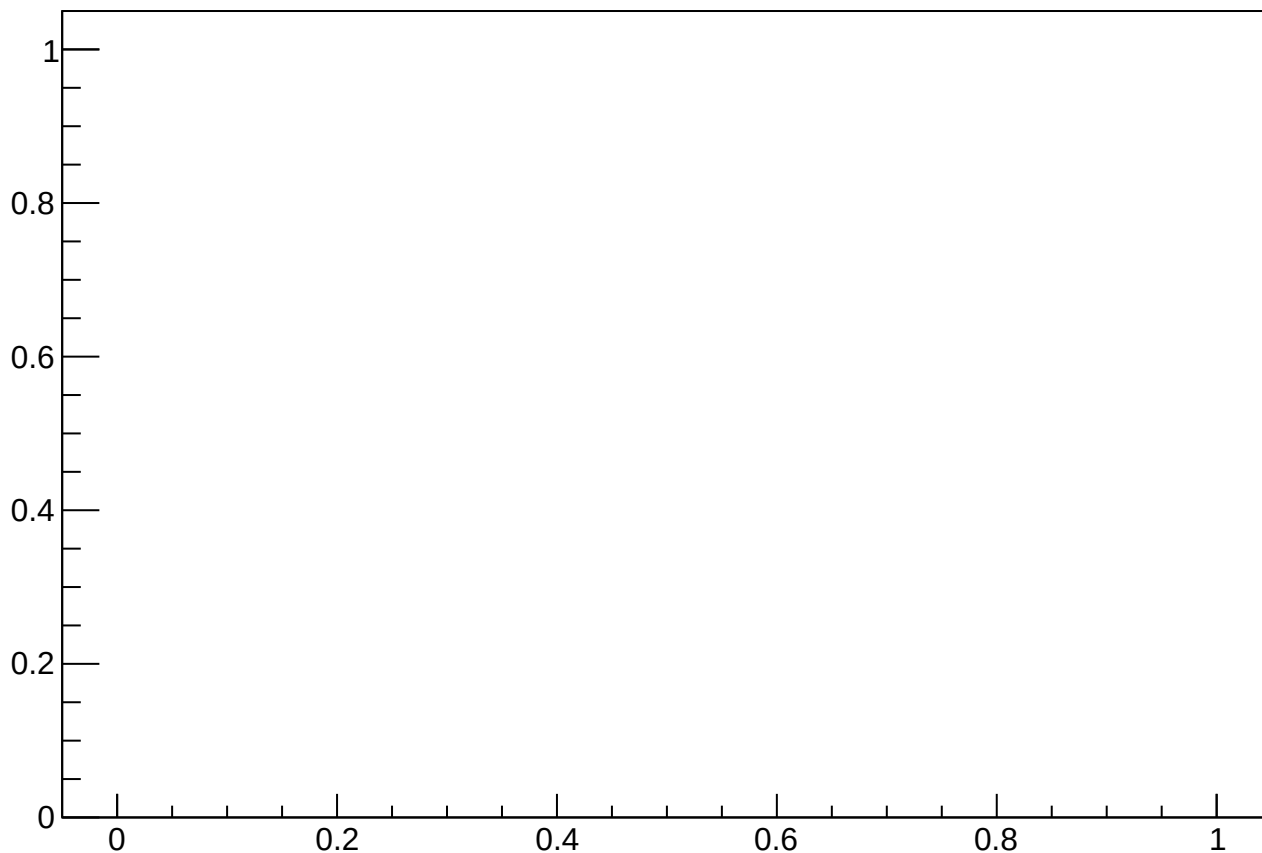
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

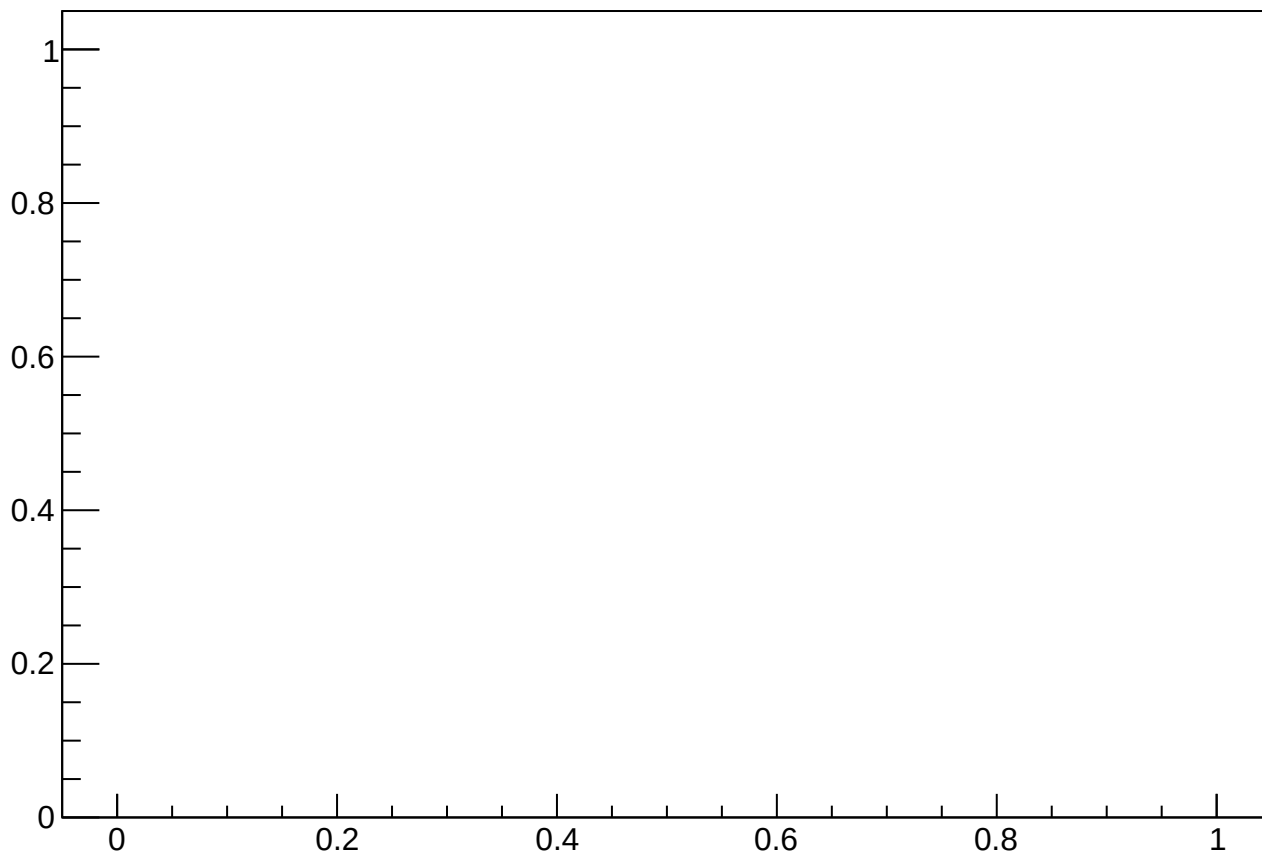
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

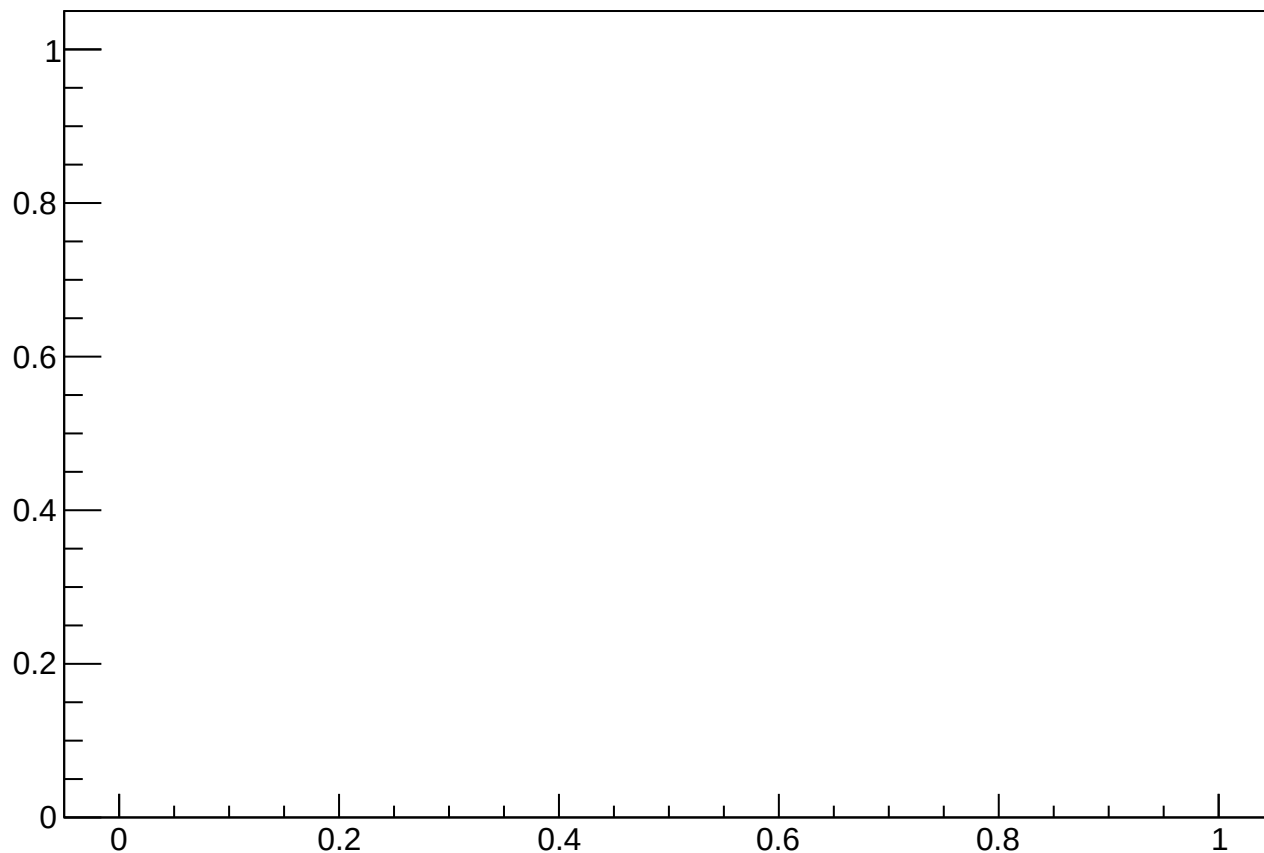
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

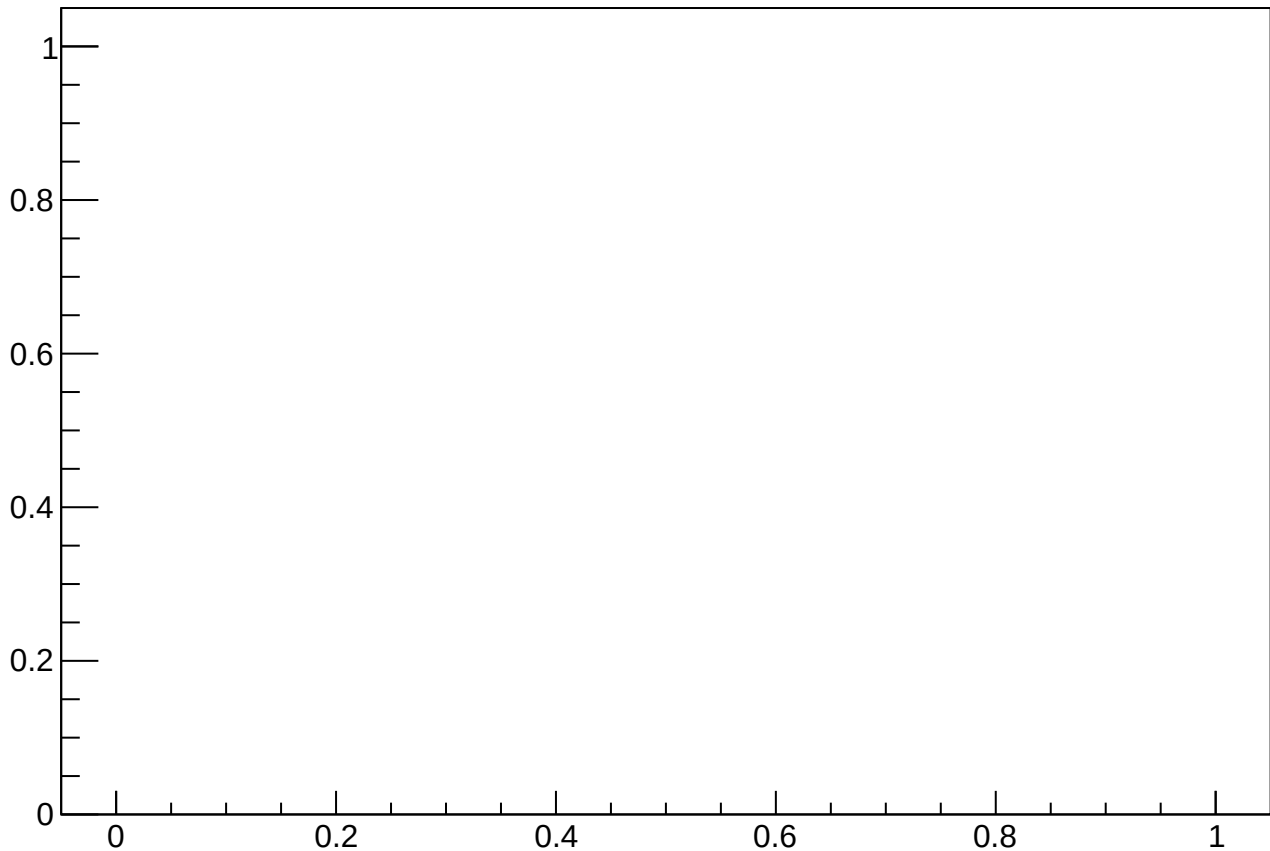
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

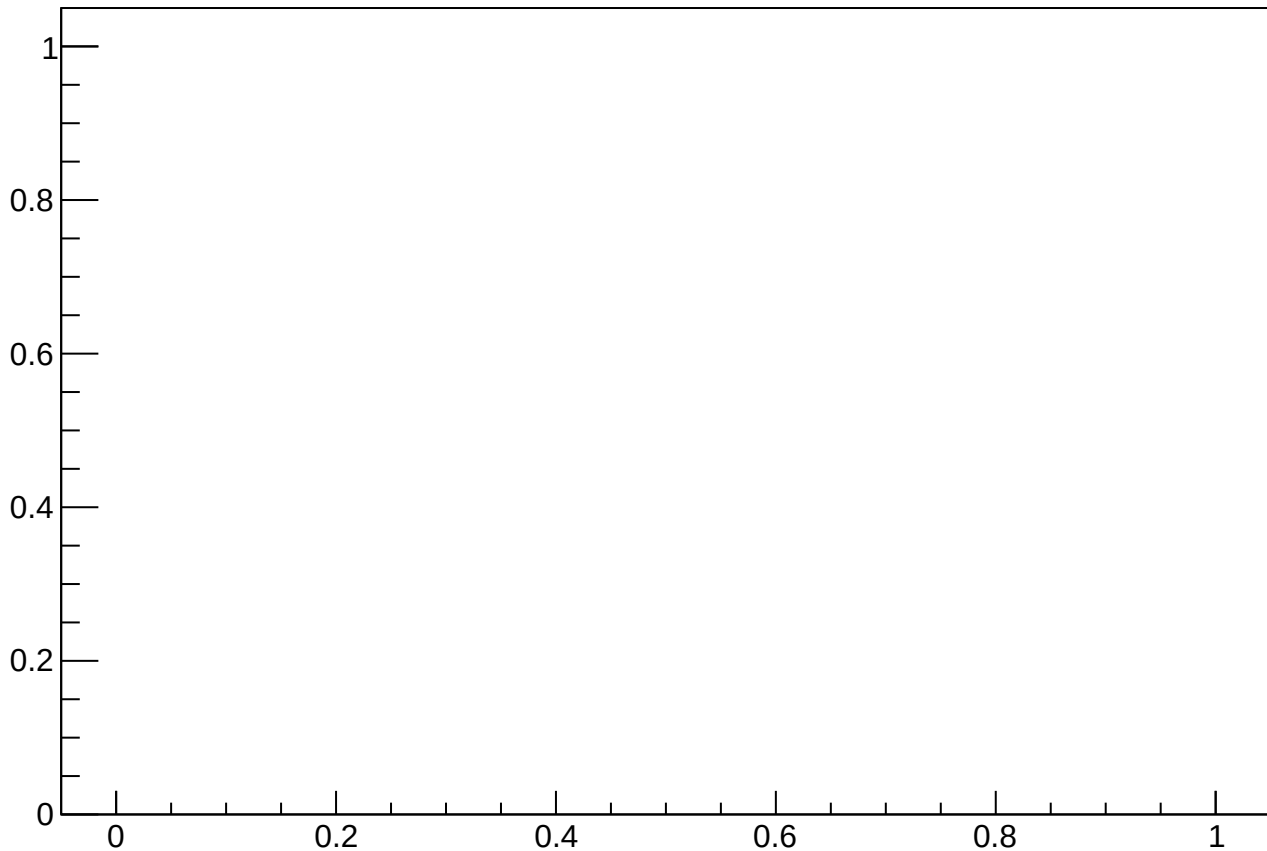
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

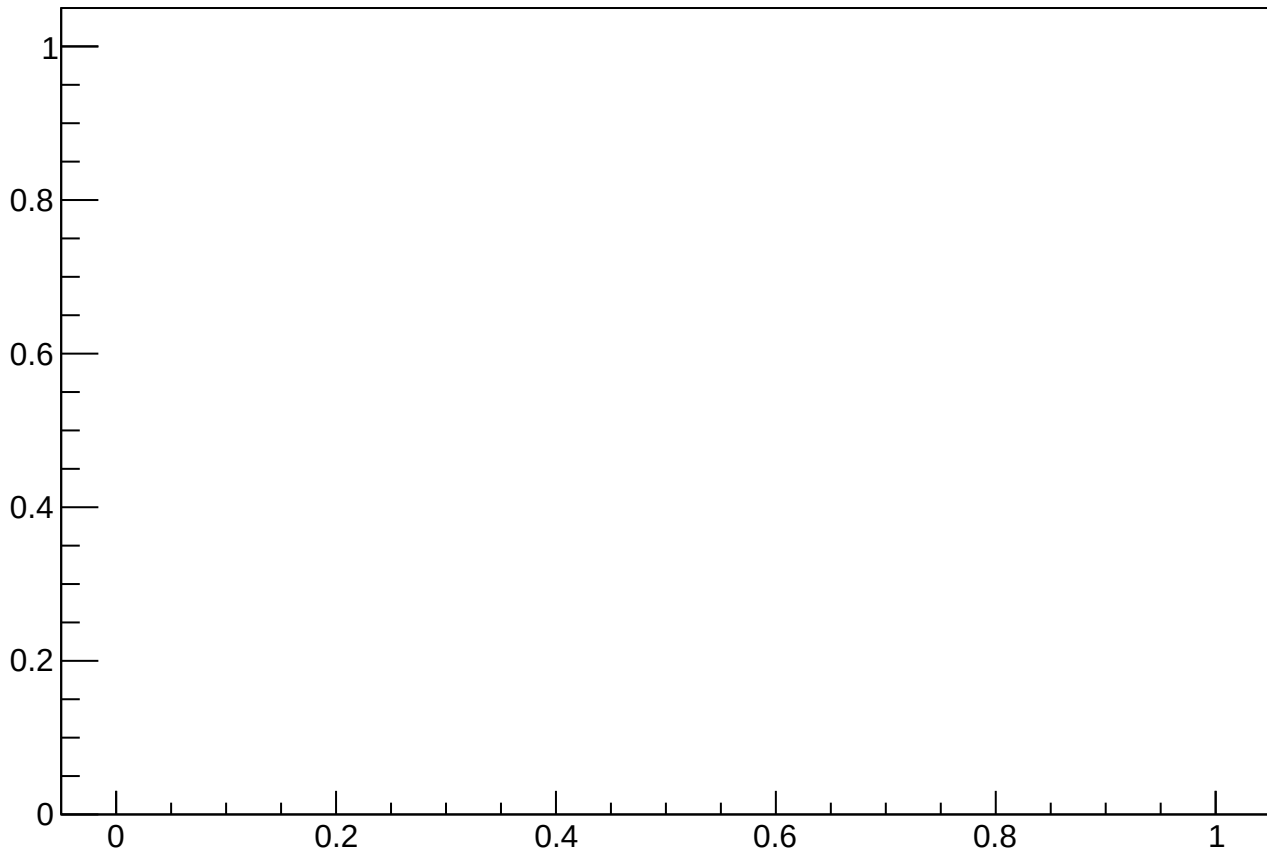
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

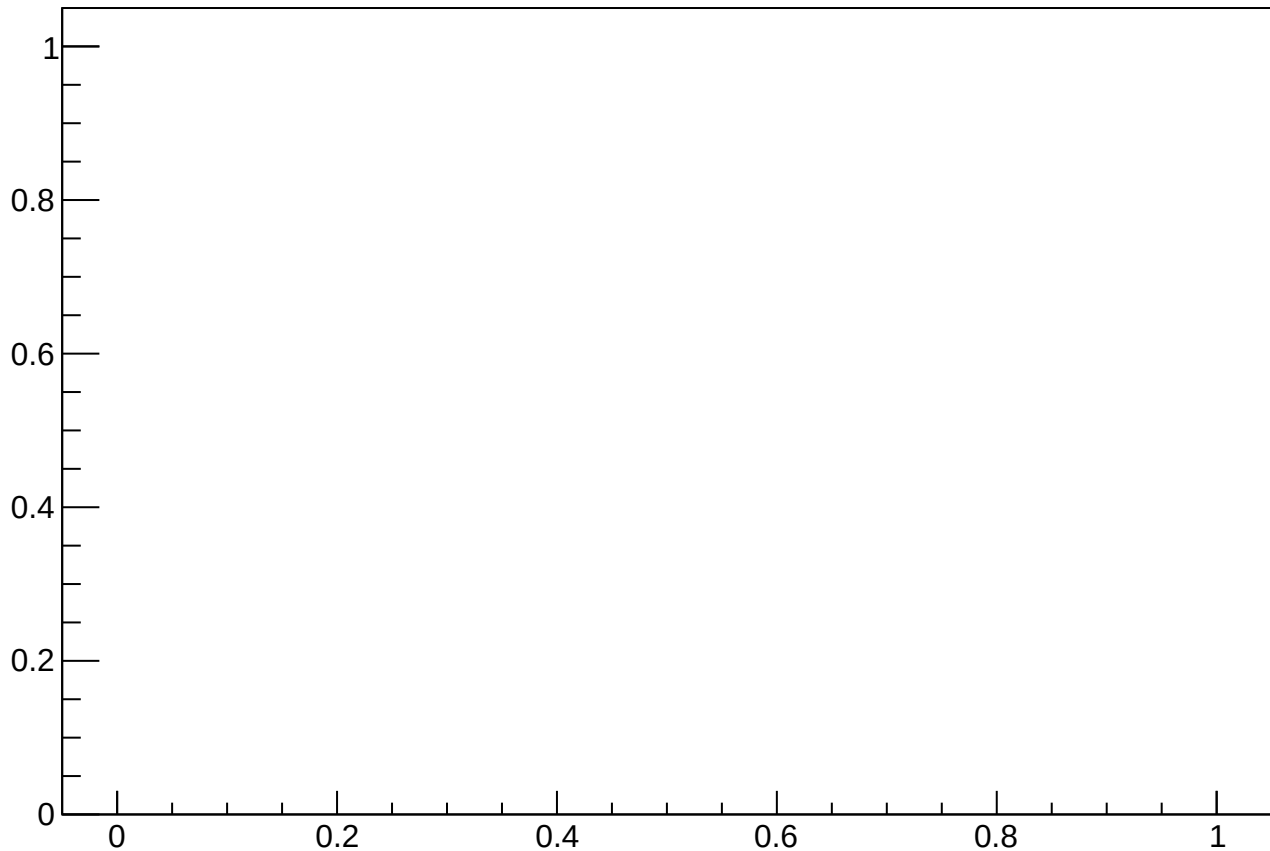
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

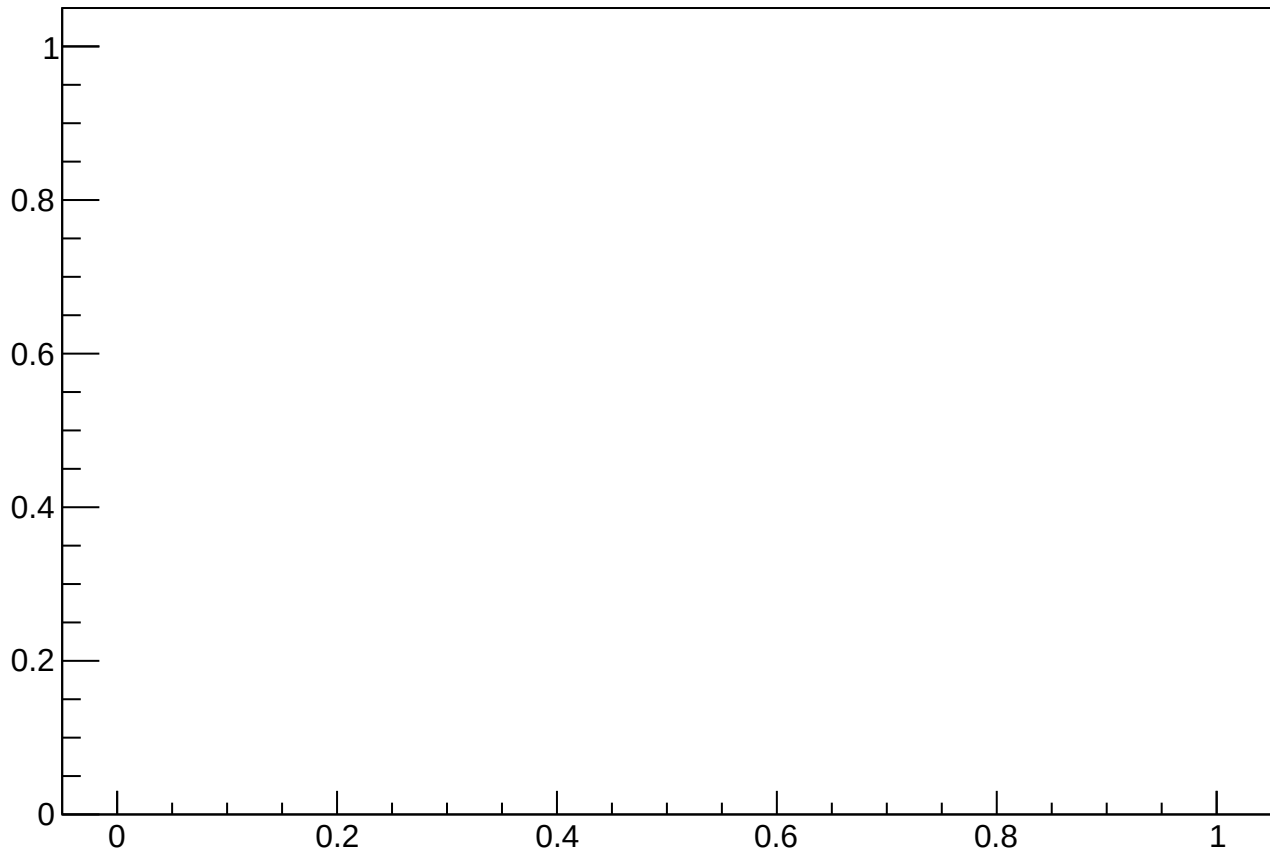
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

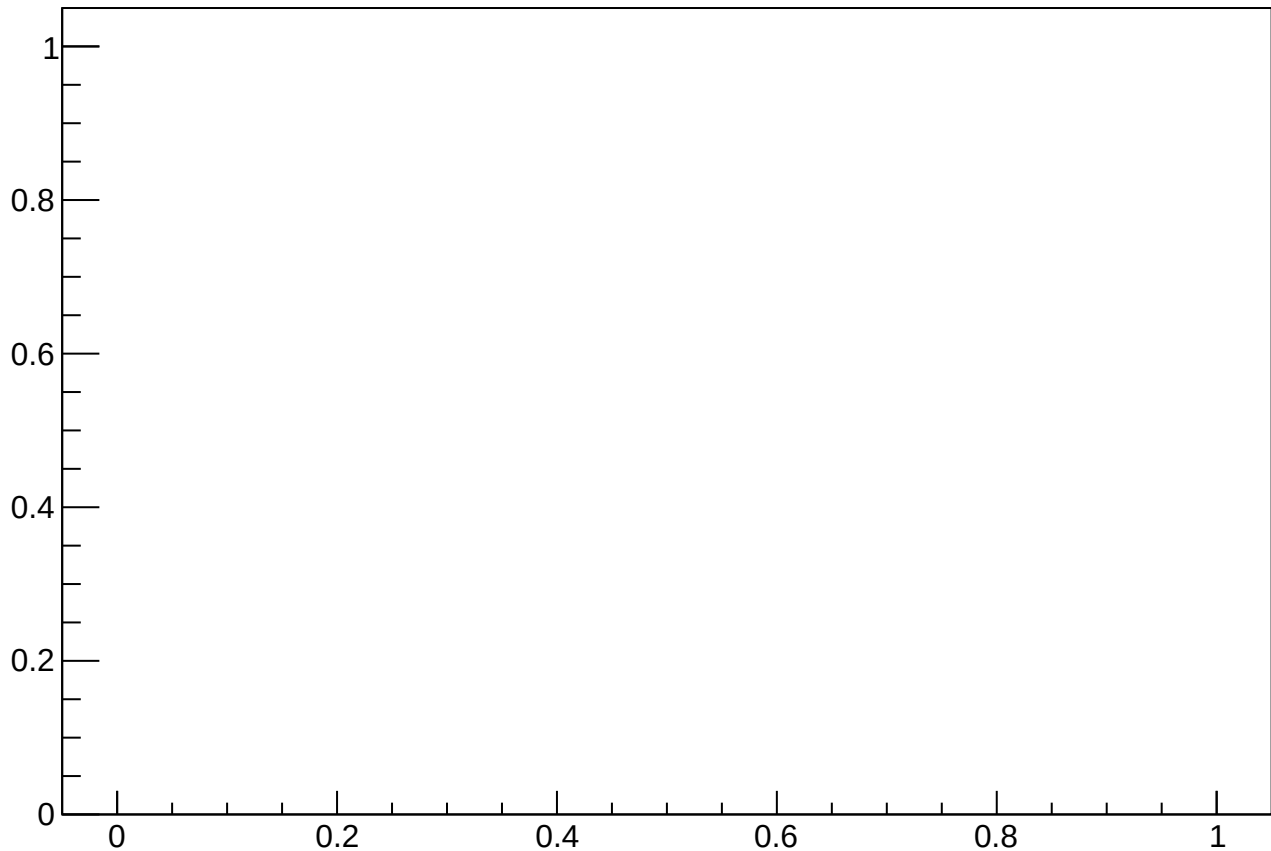
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

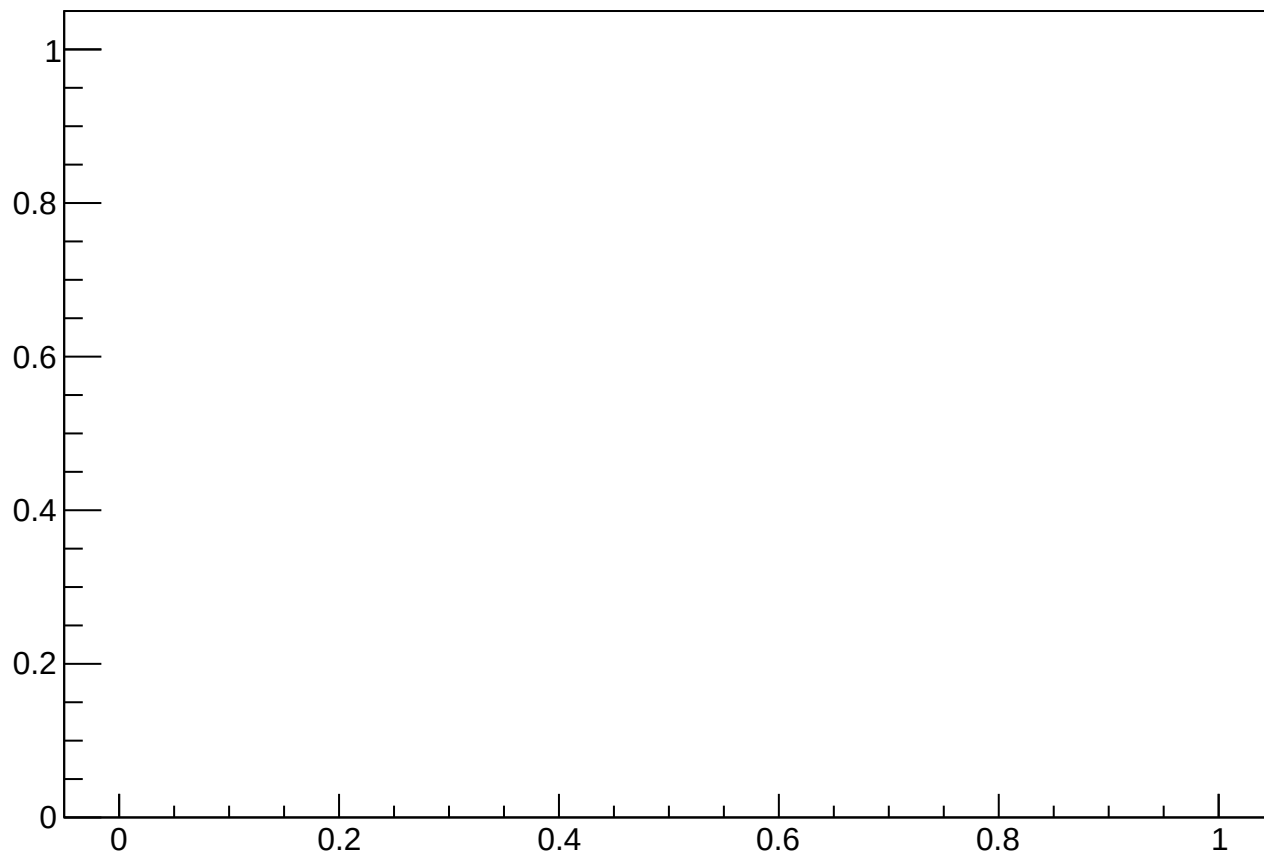
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

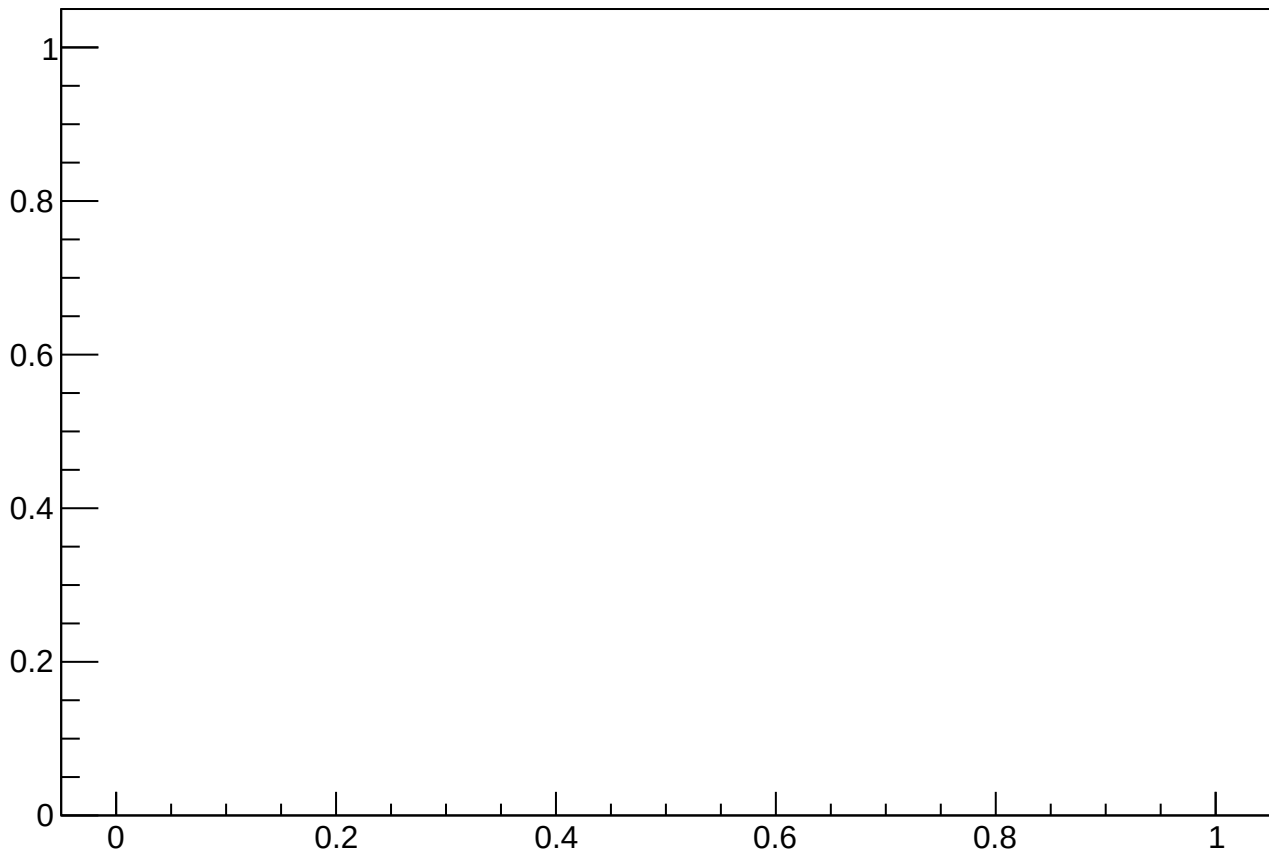
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

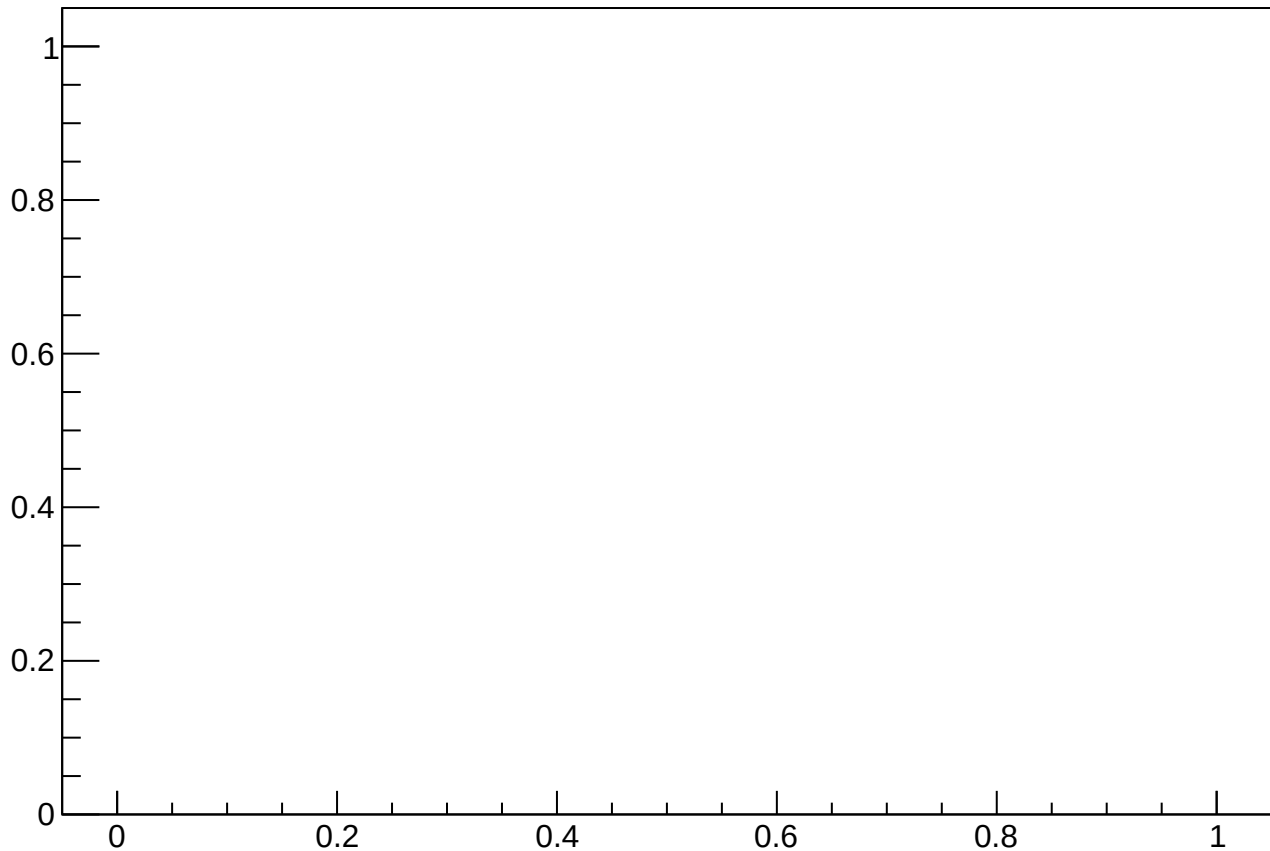
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_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

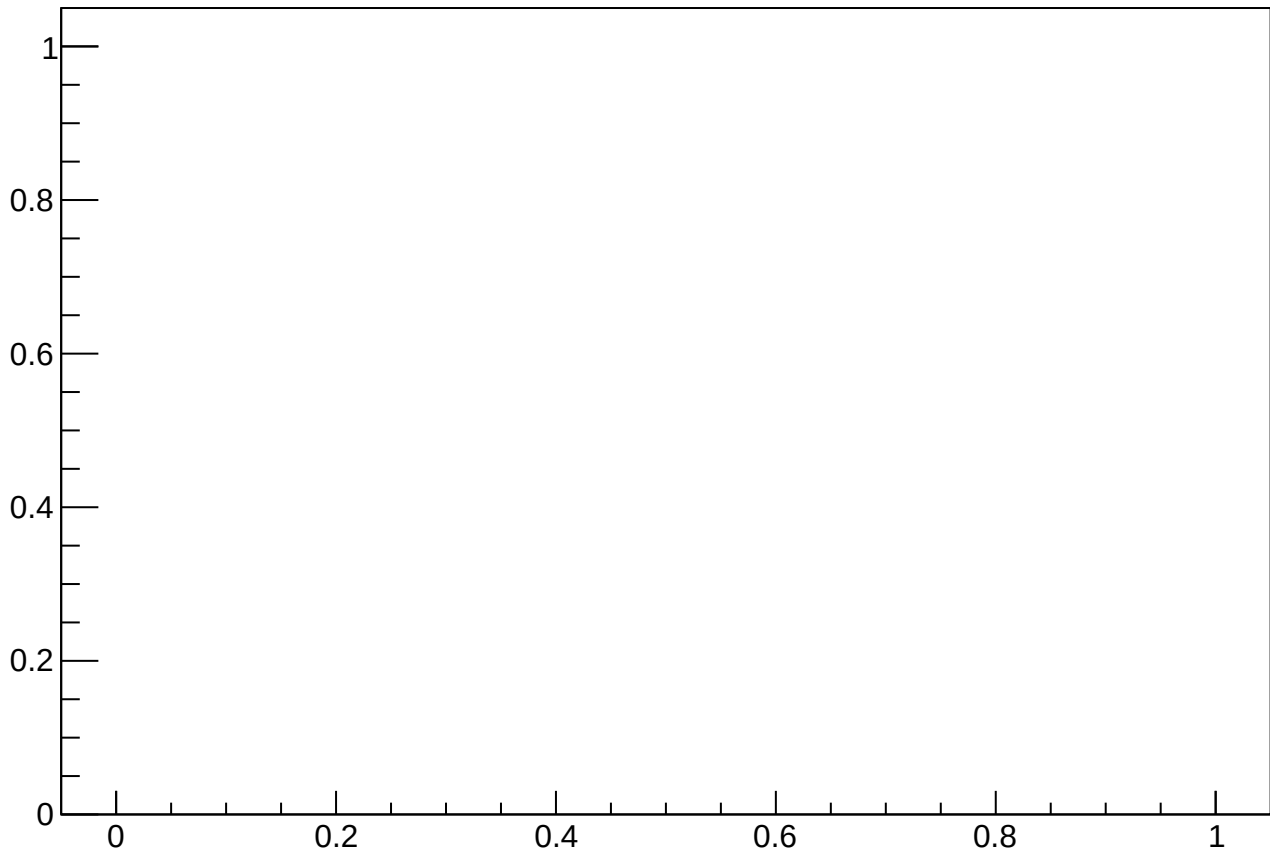
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

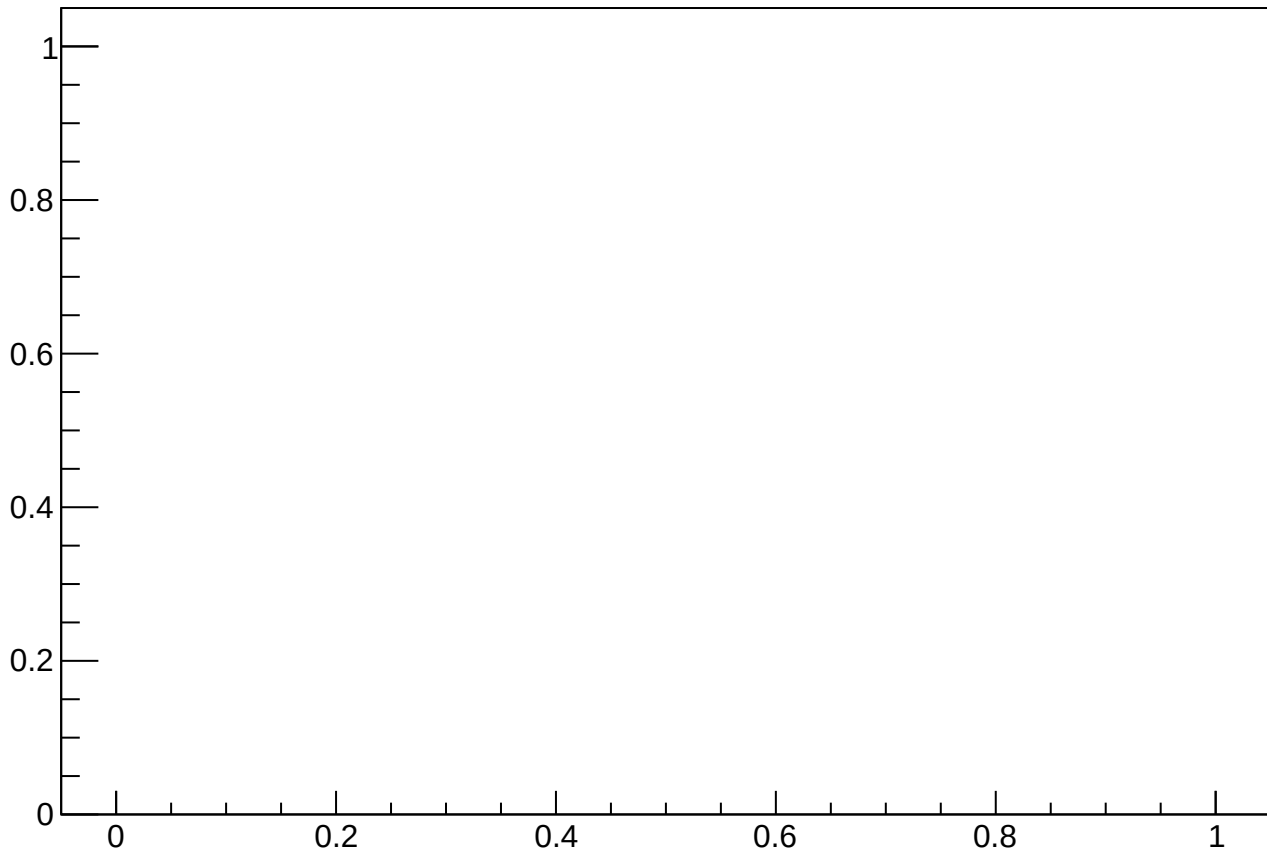
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

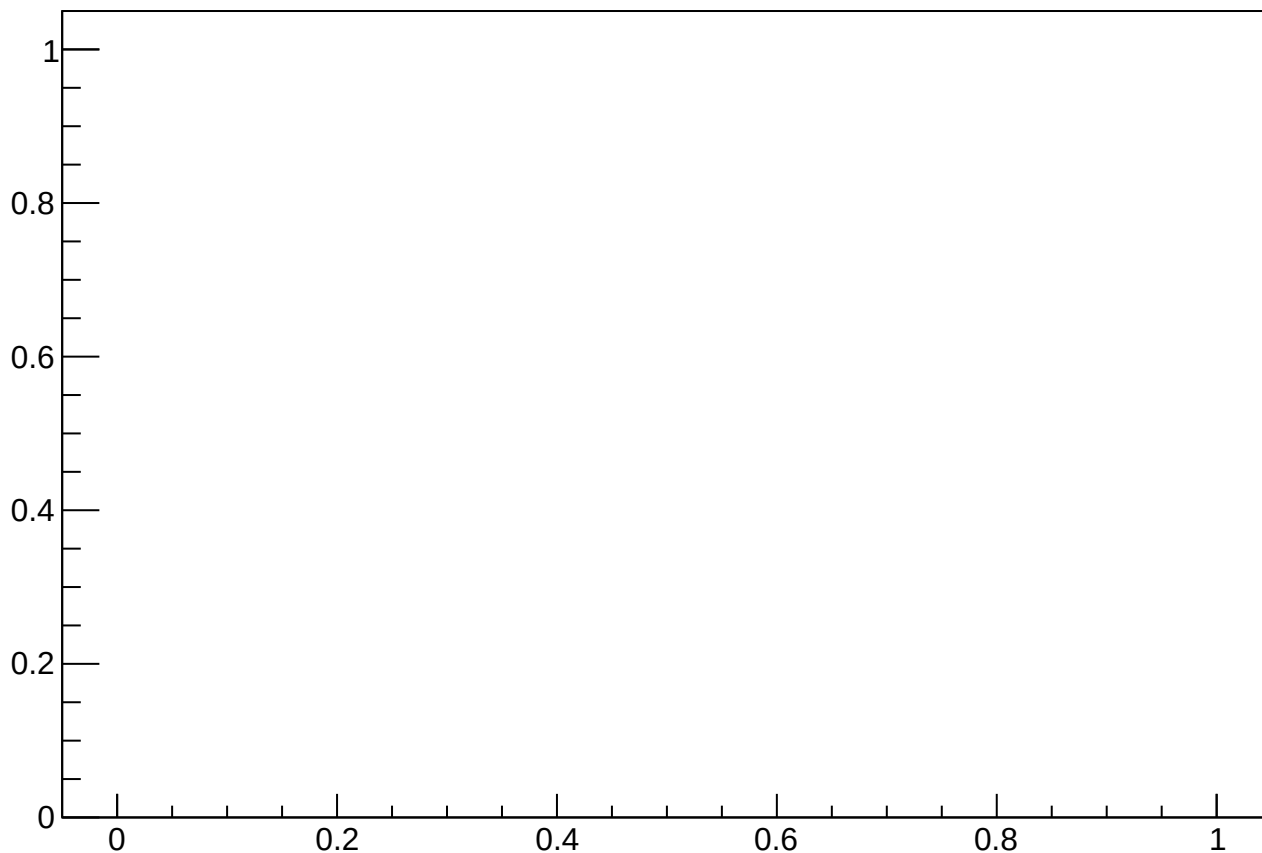
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

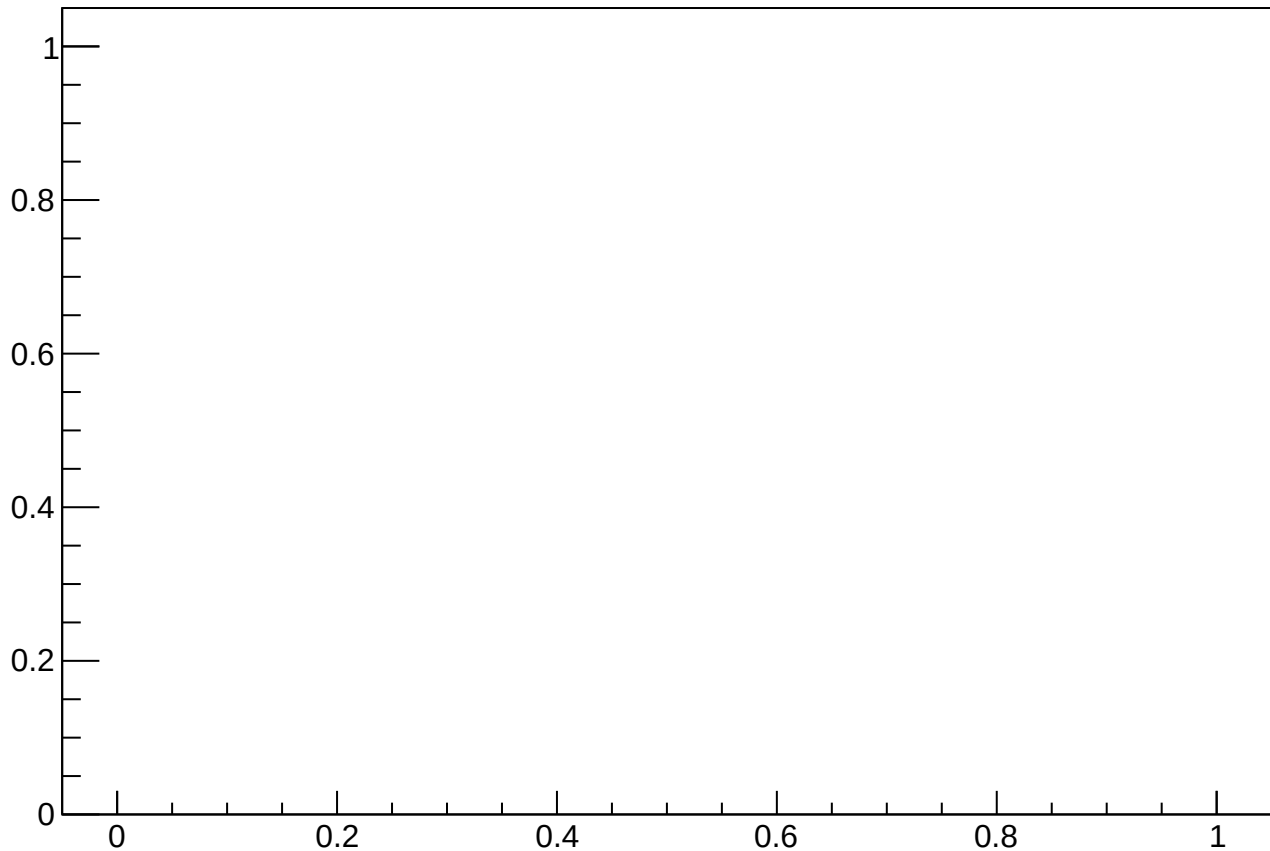
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

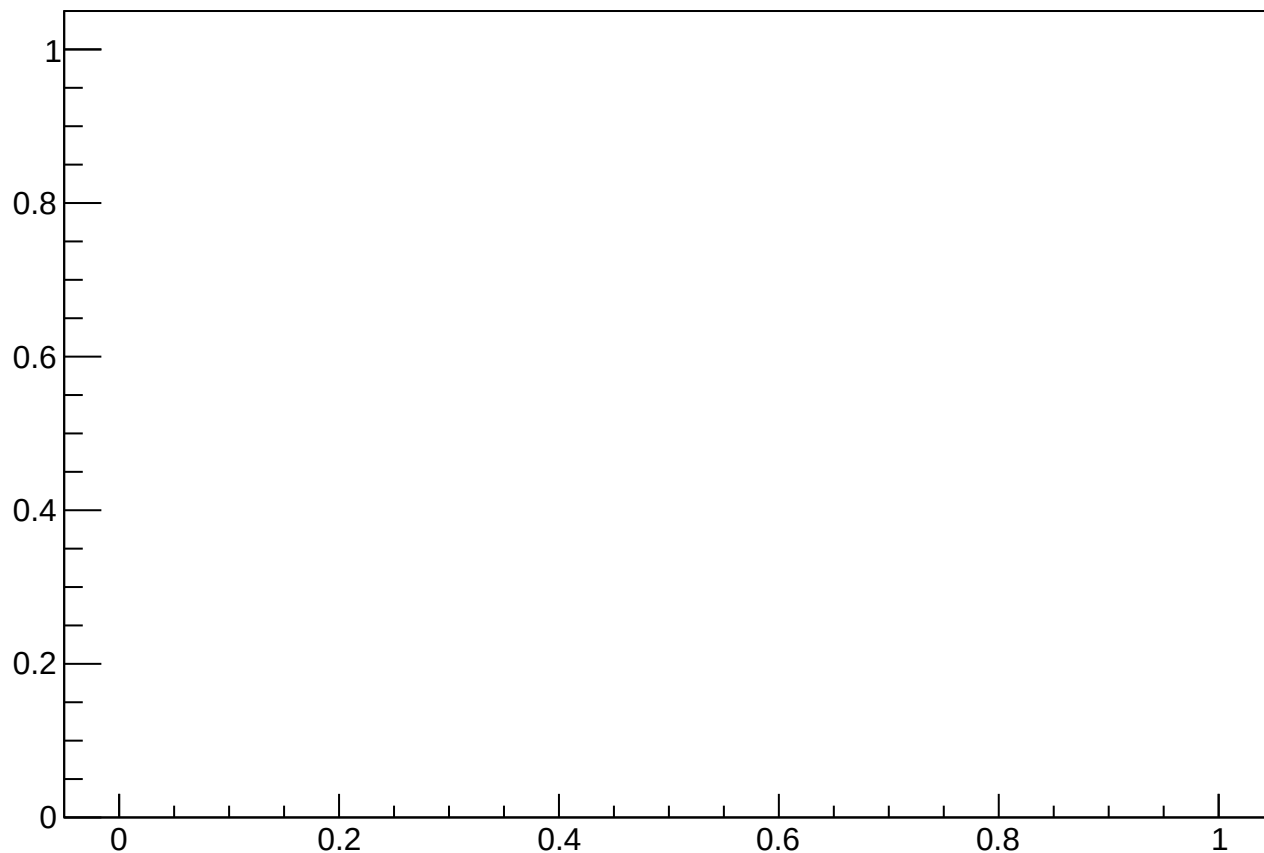
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

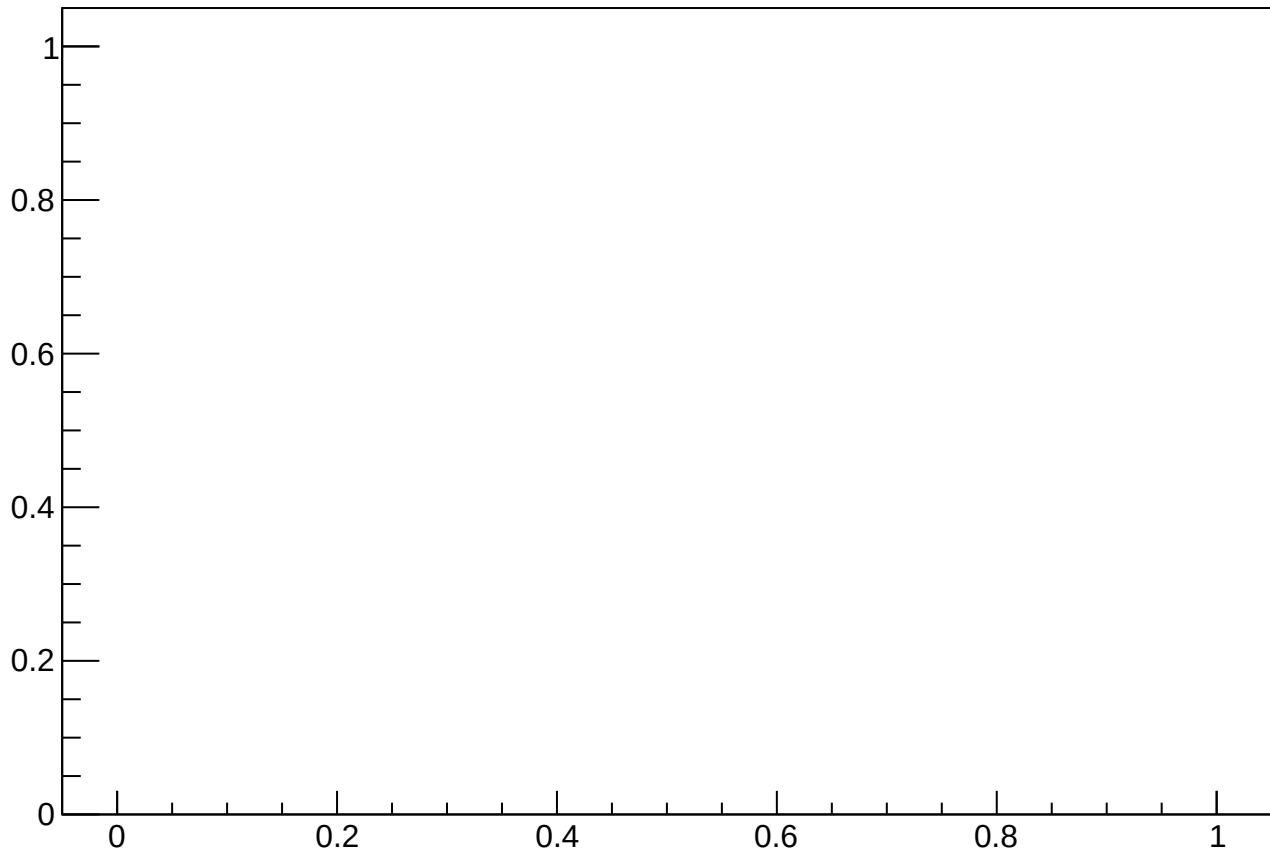
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

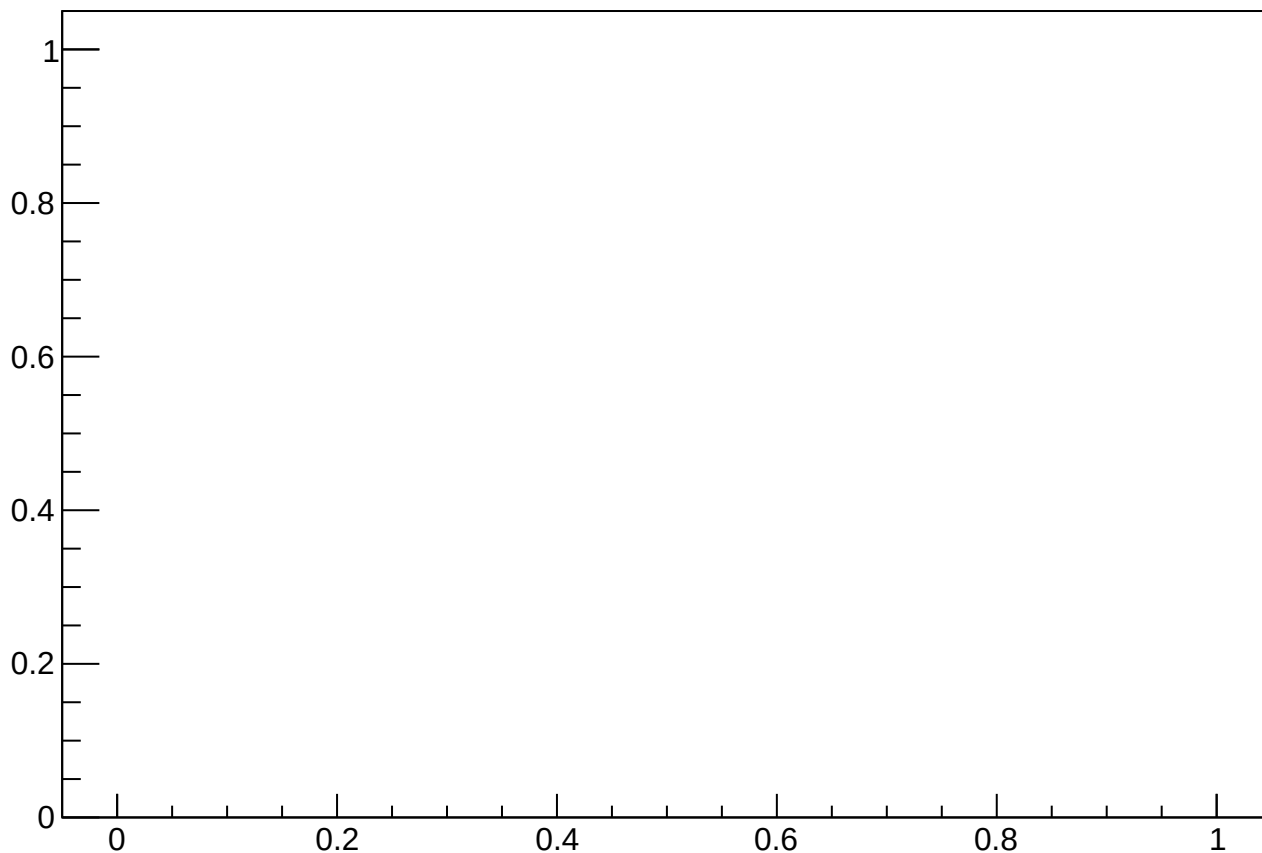
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

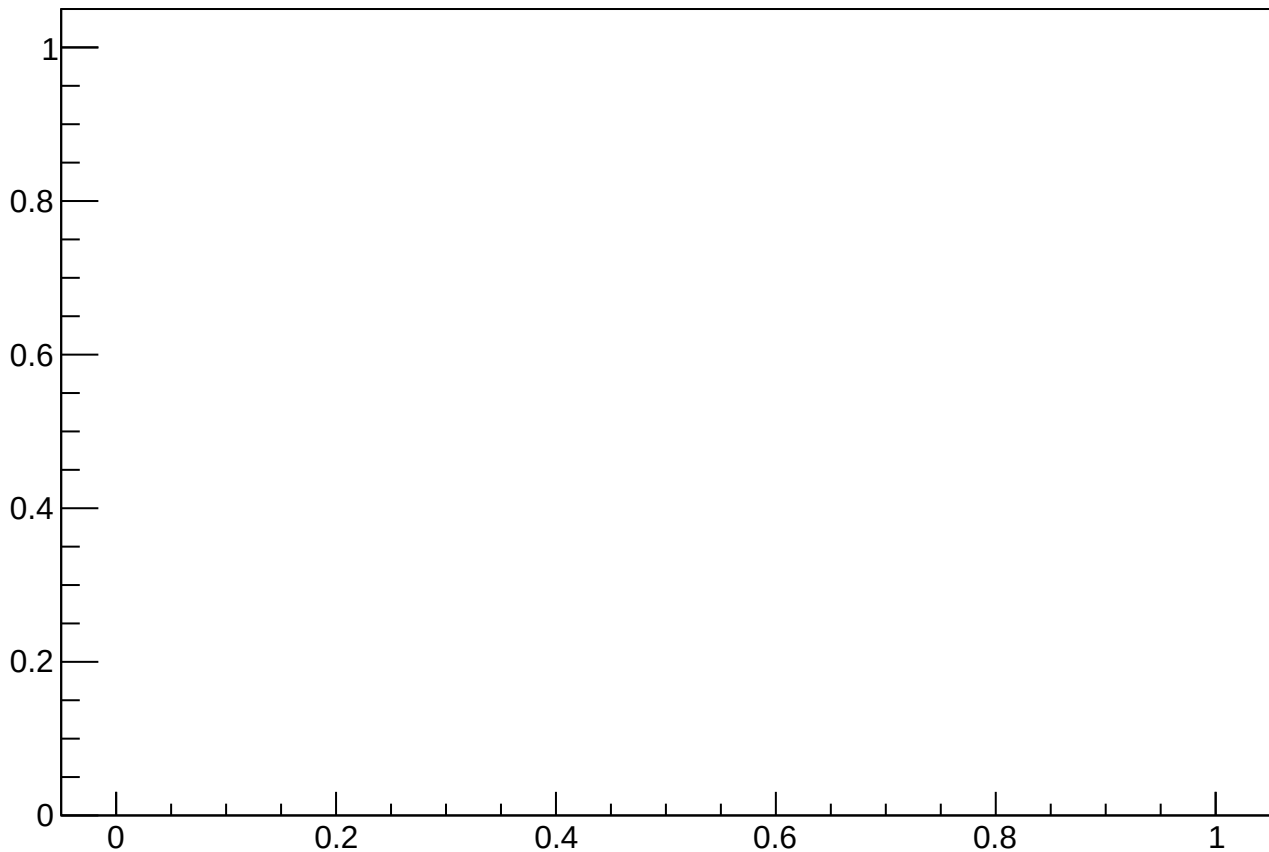
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

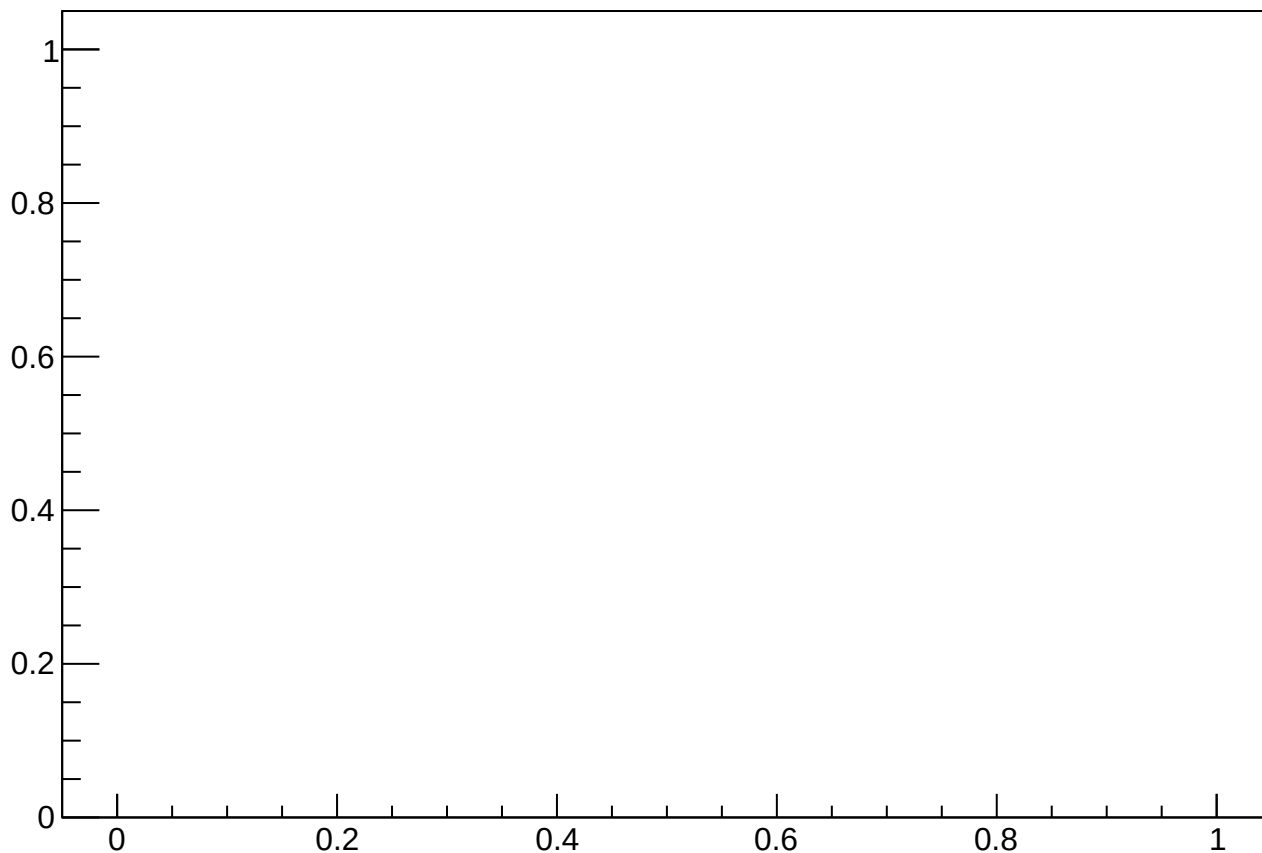
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

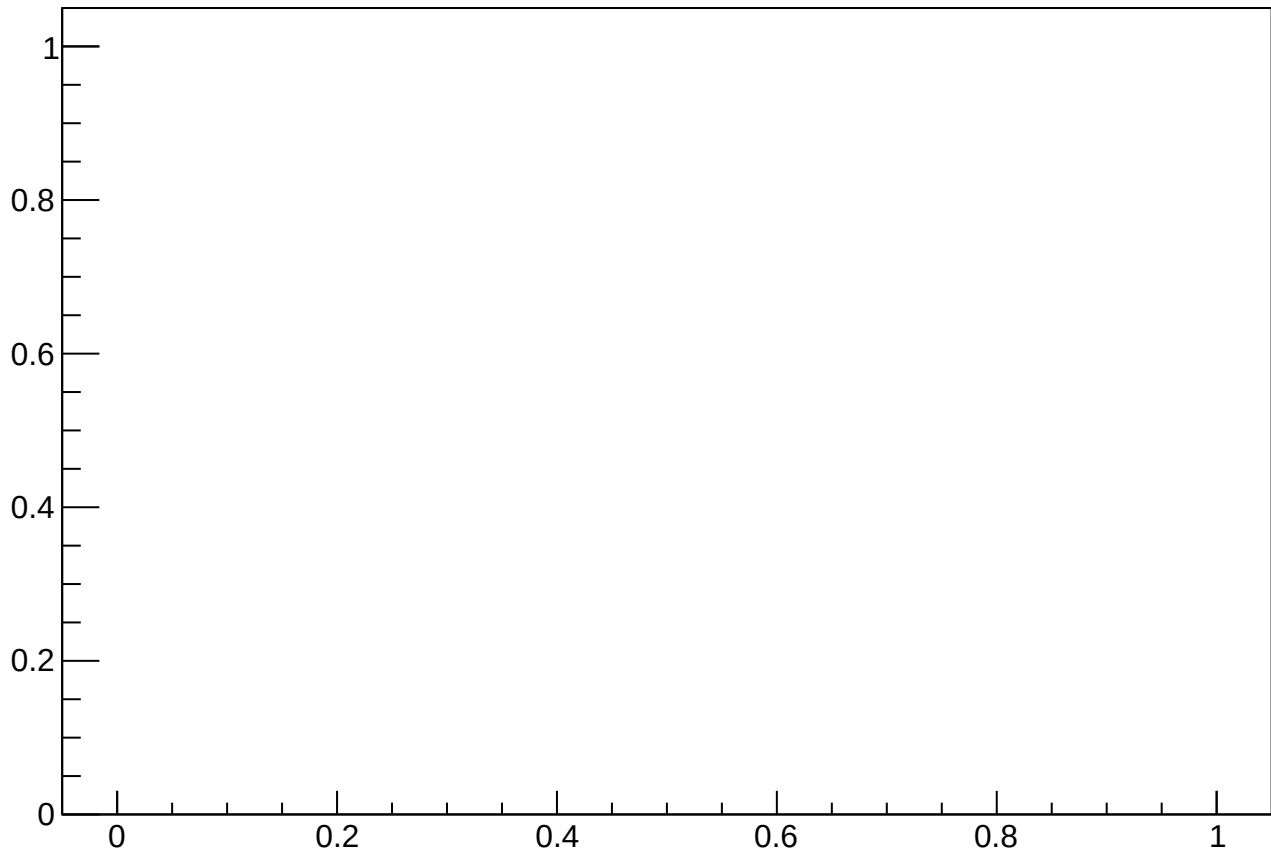
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

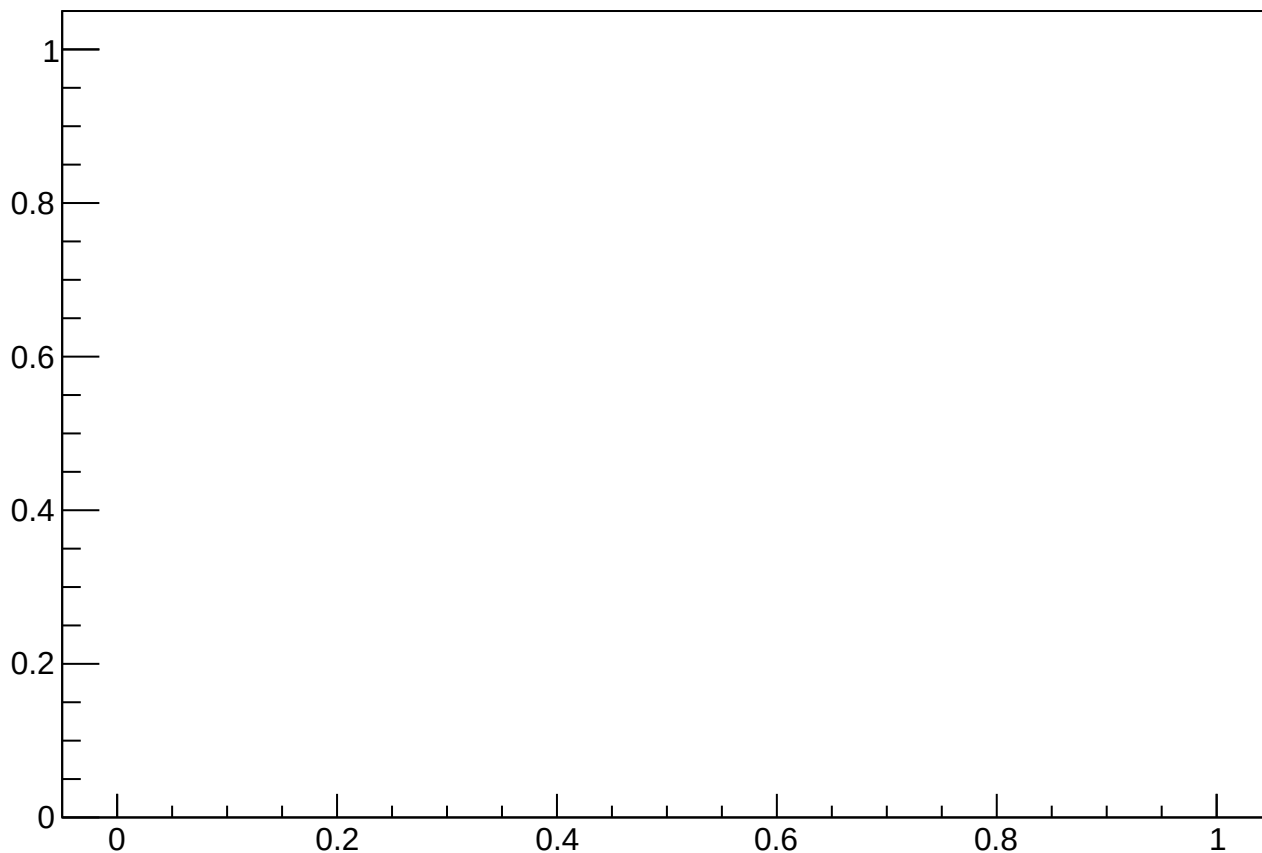
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

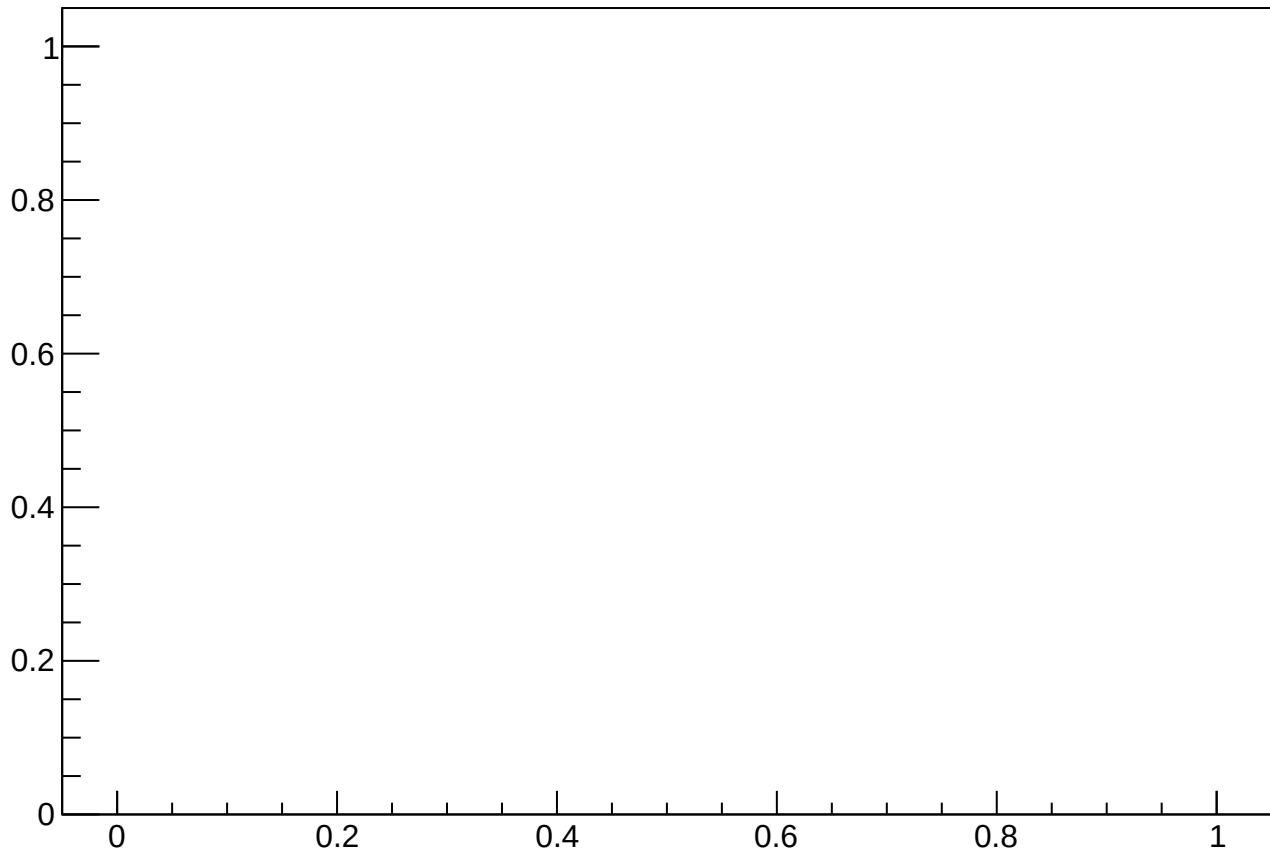
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

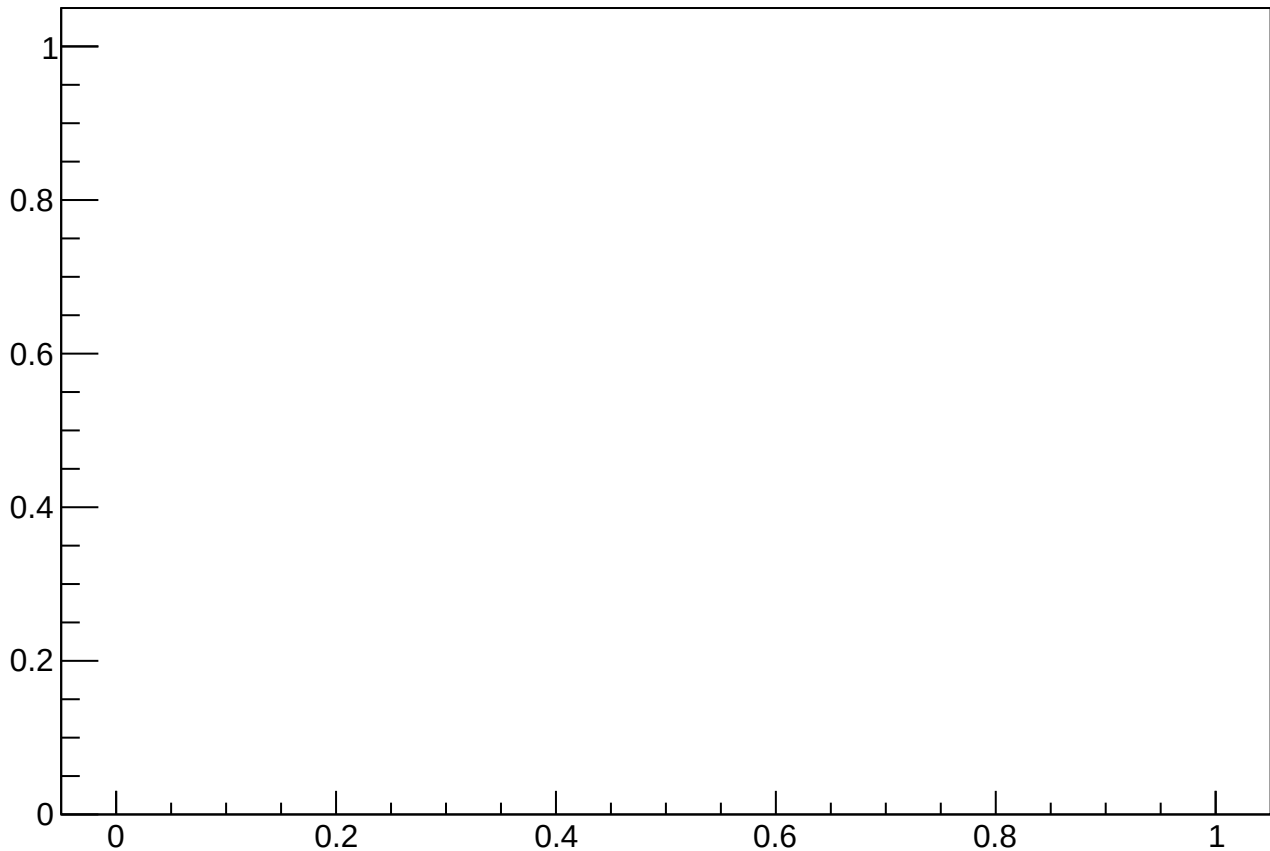
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

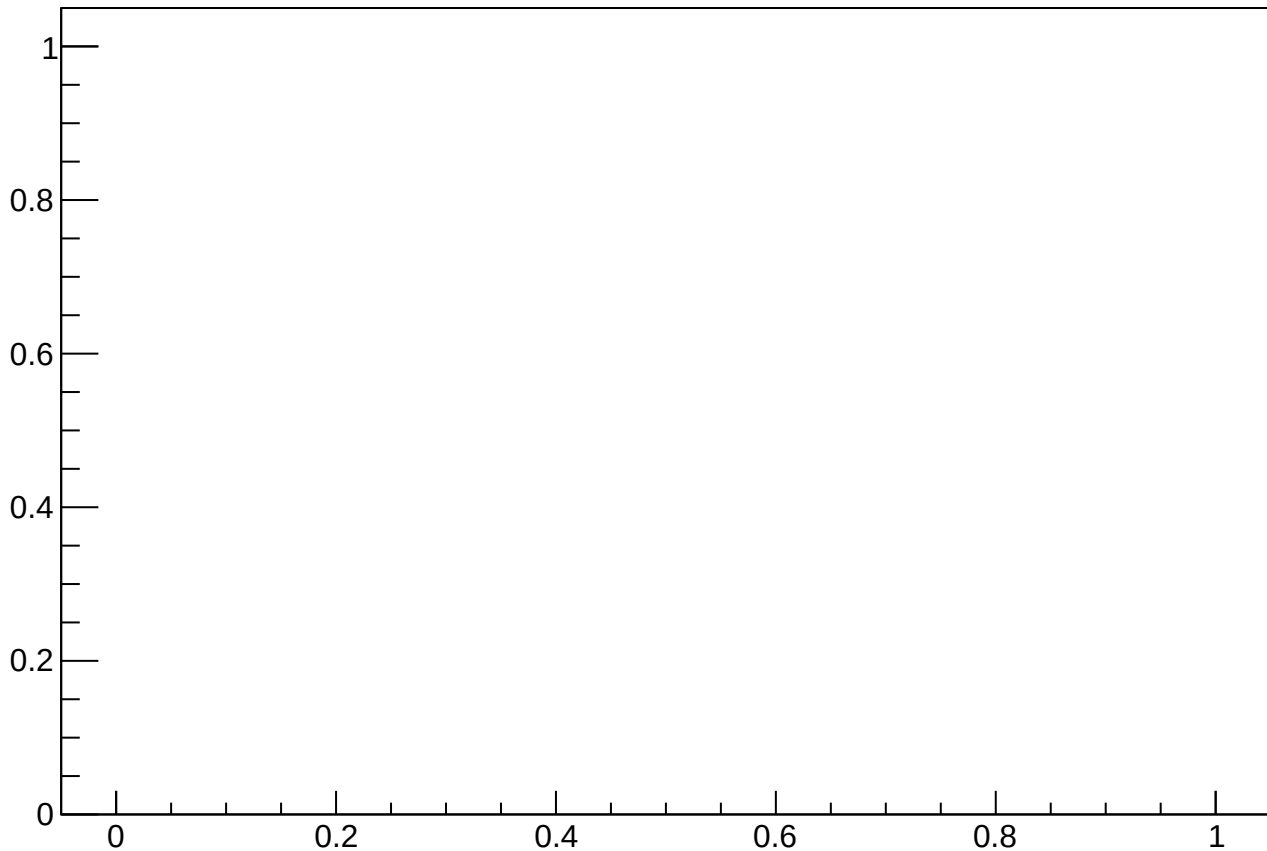
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

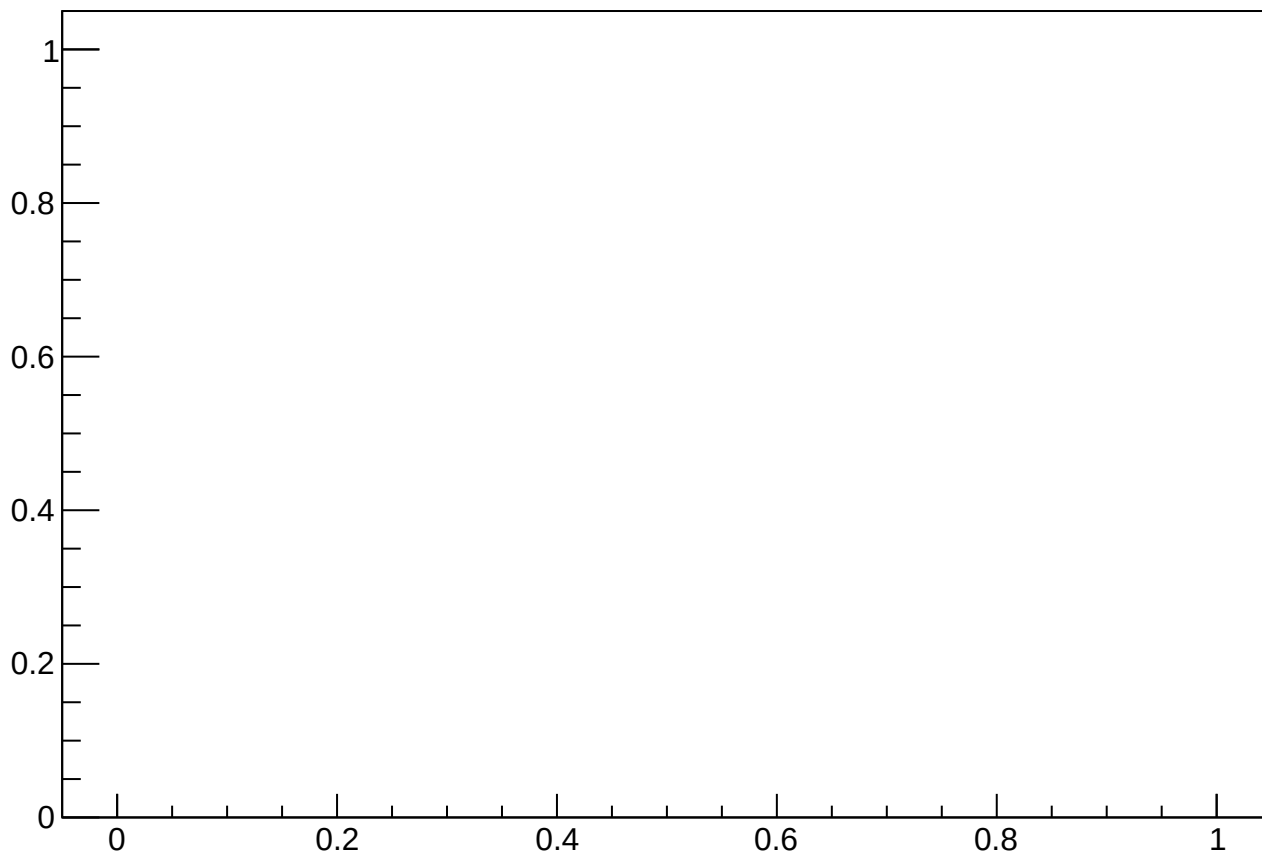
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

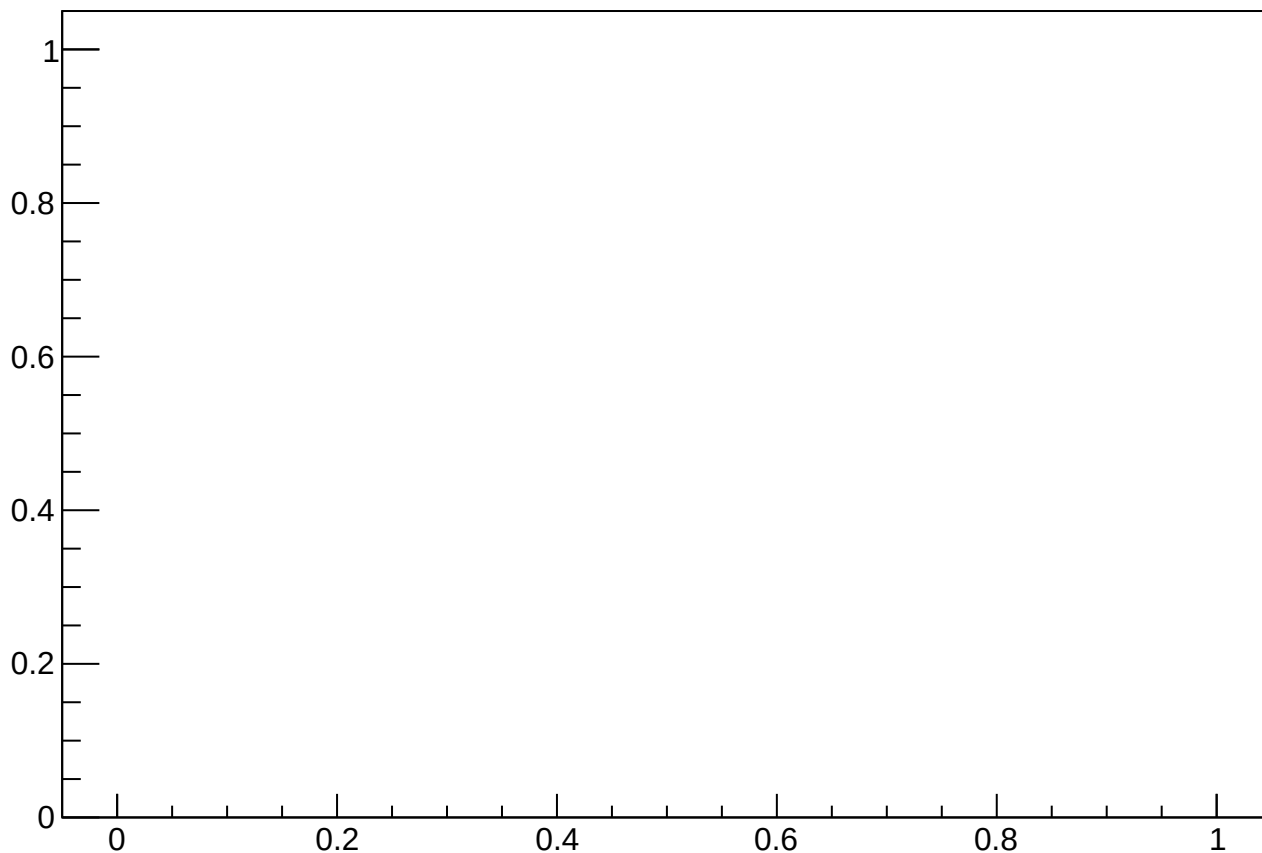
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

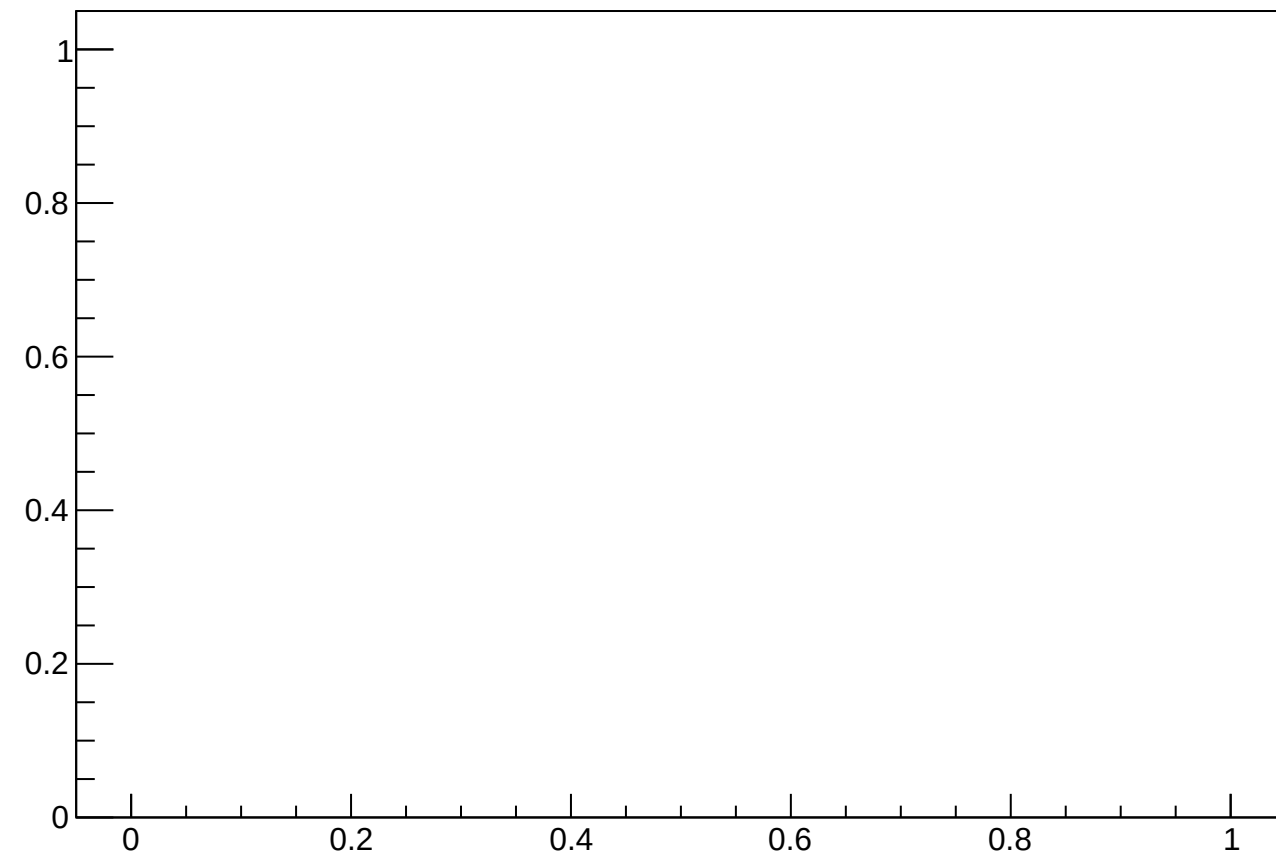
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

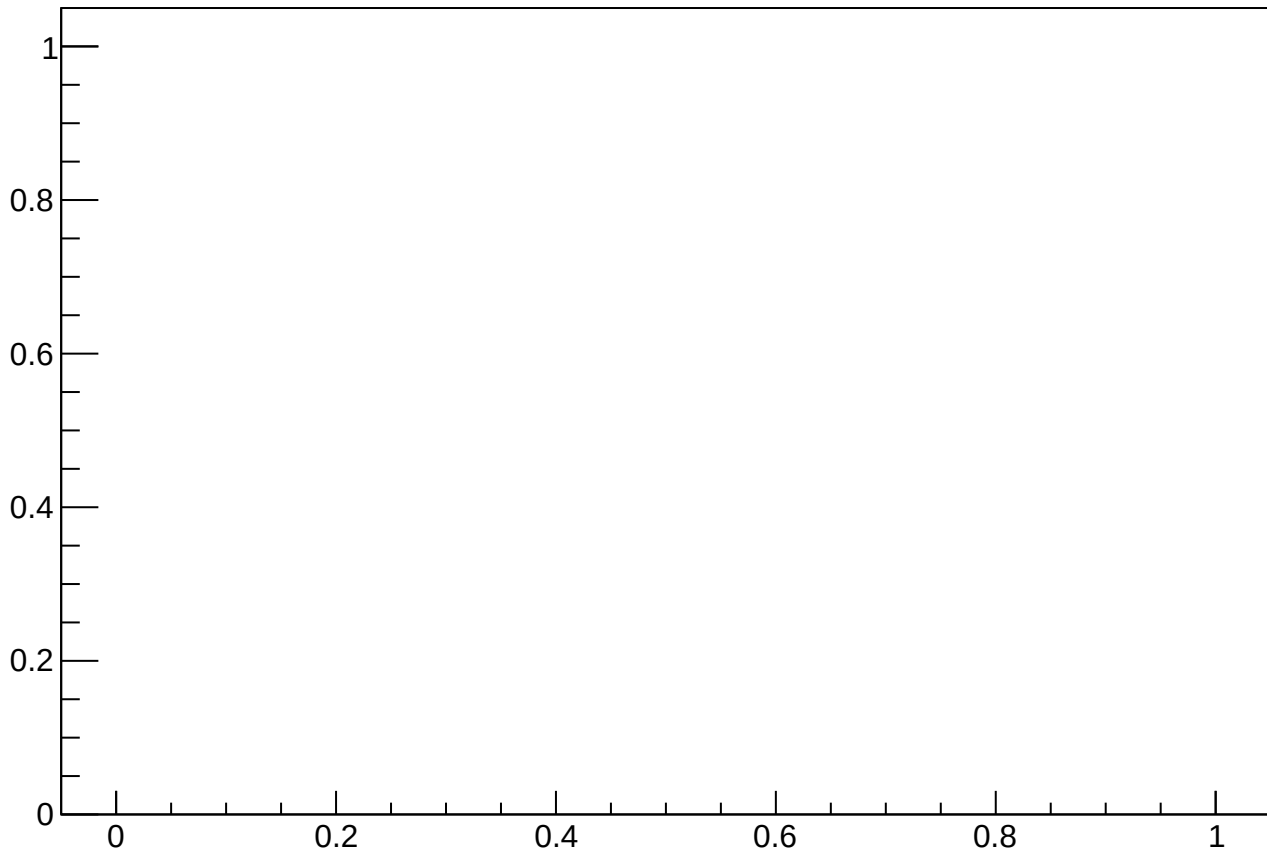
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

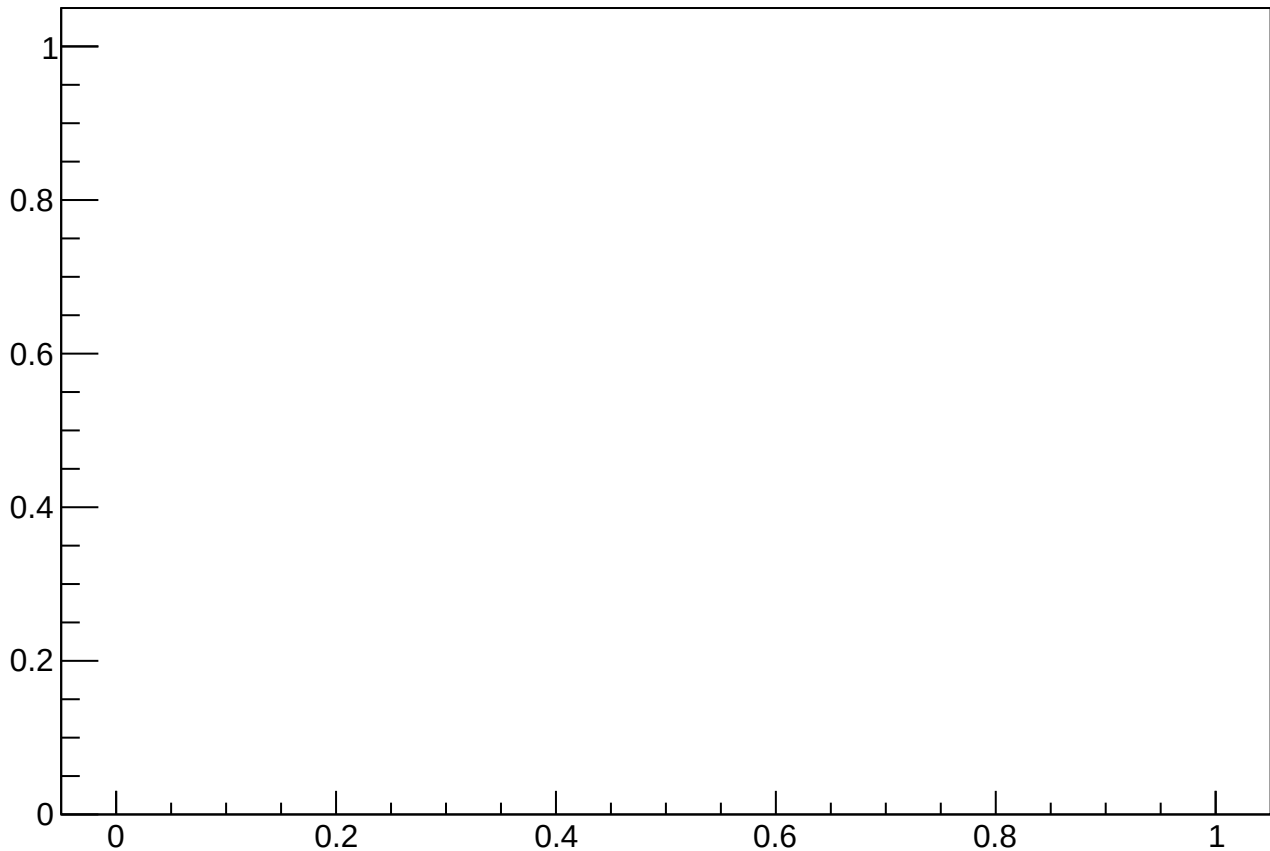
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

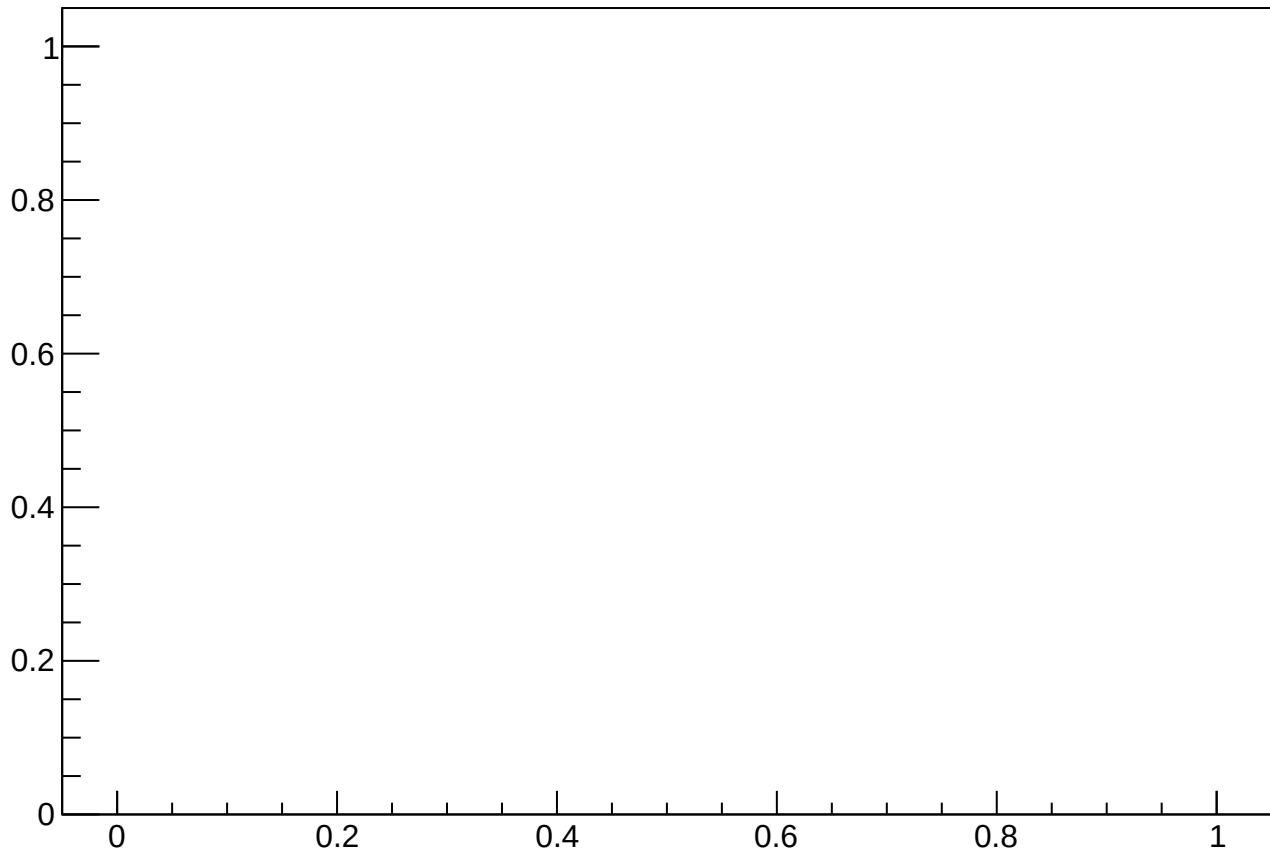
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

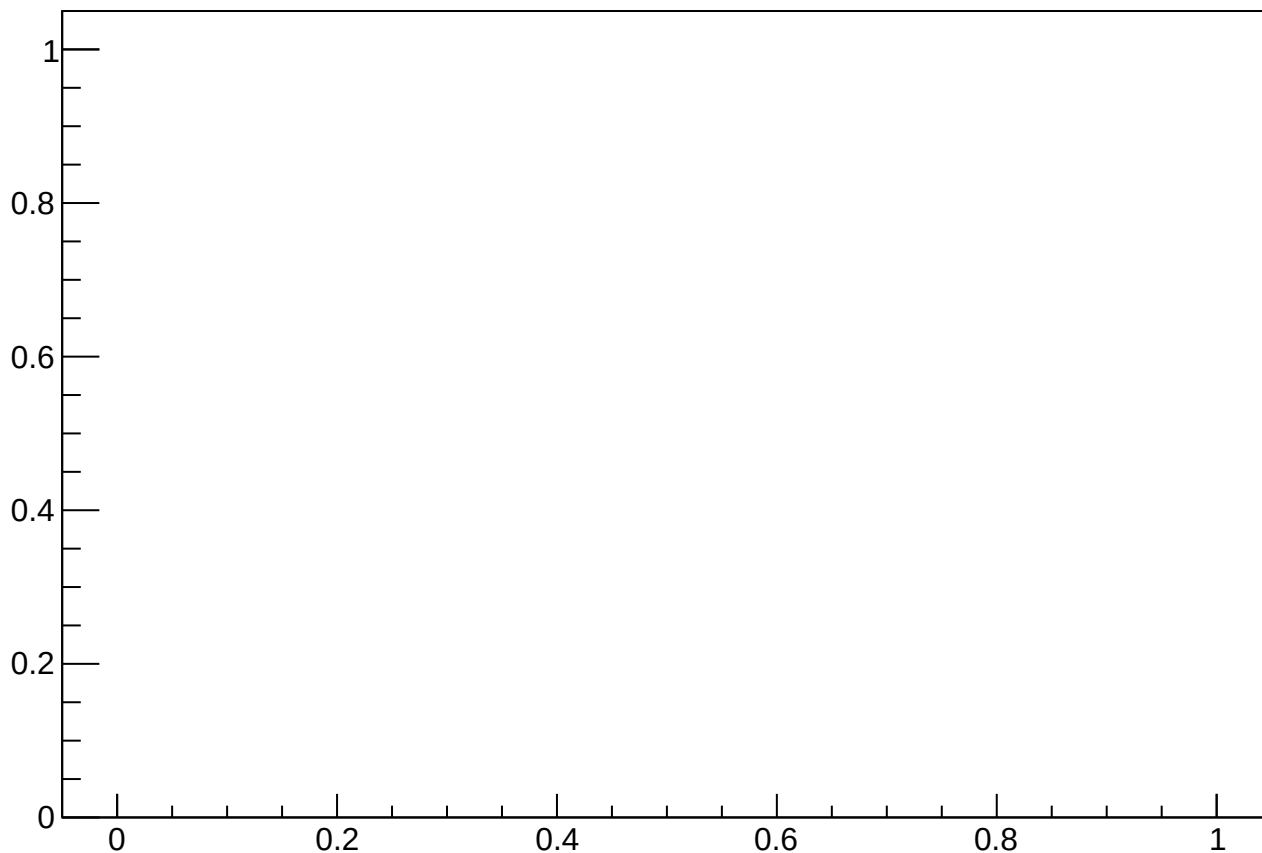
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

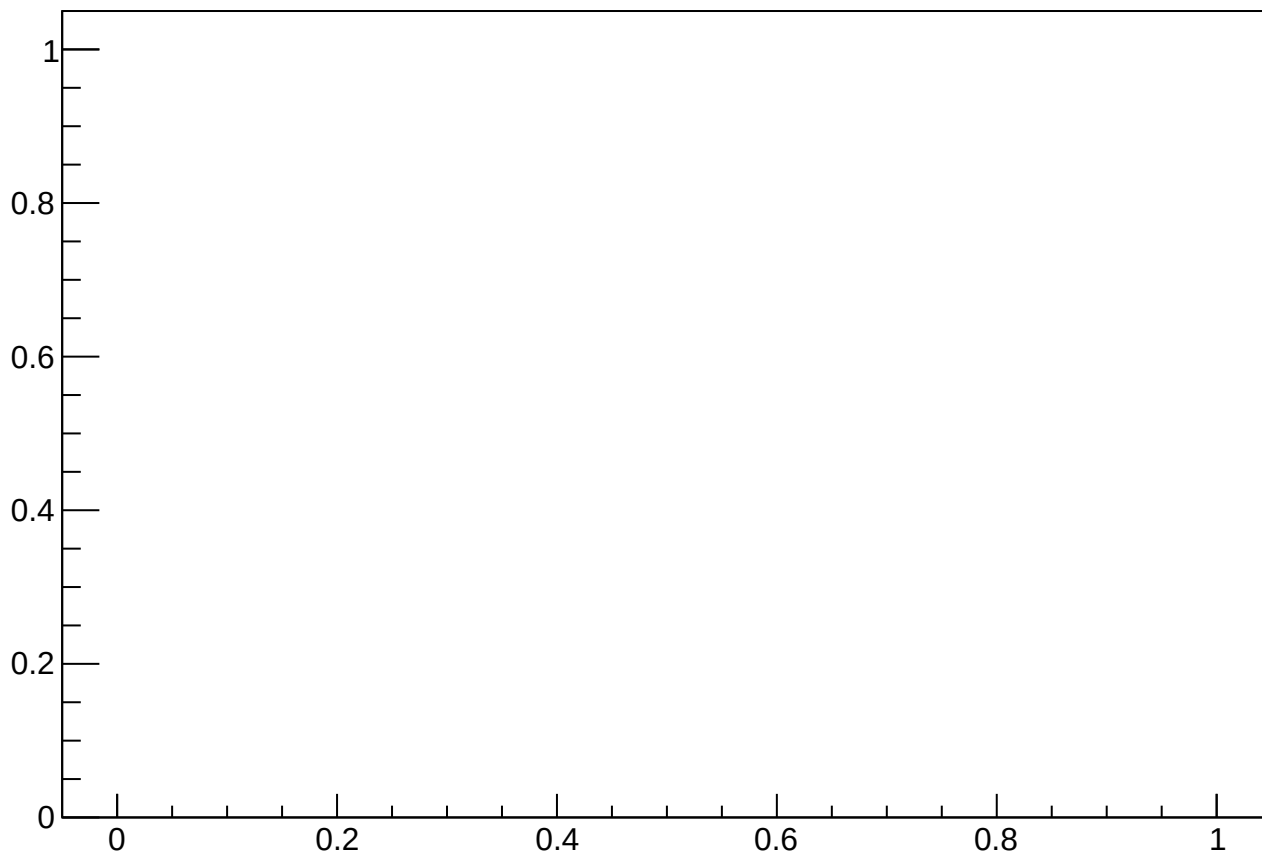
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

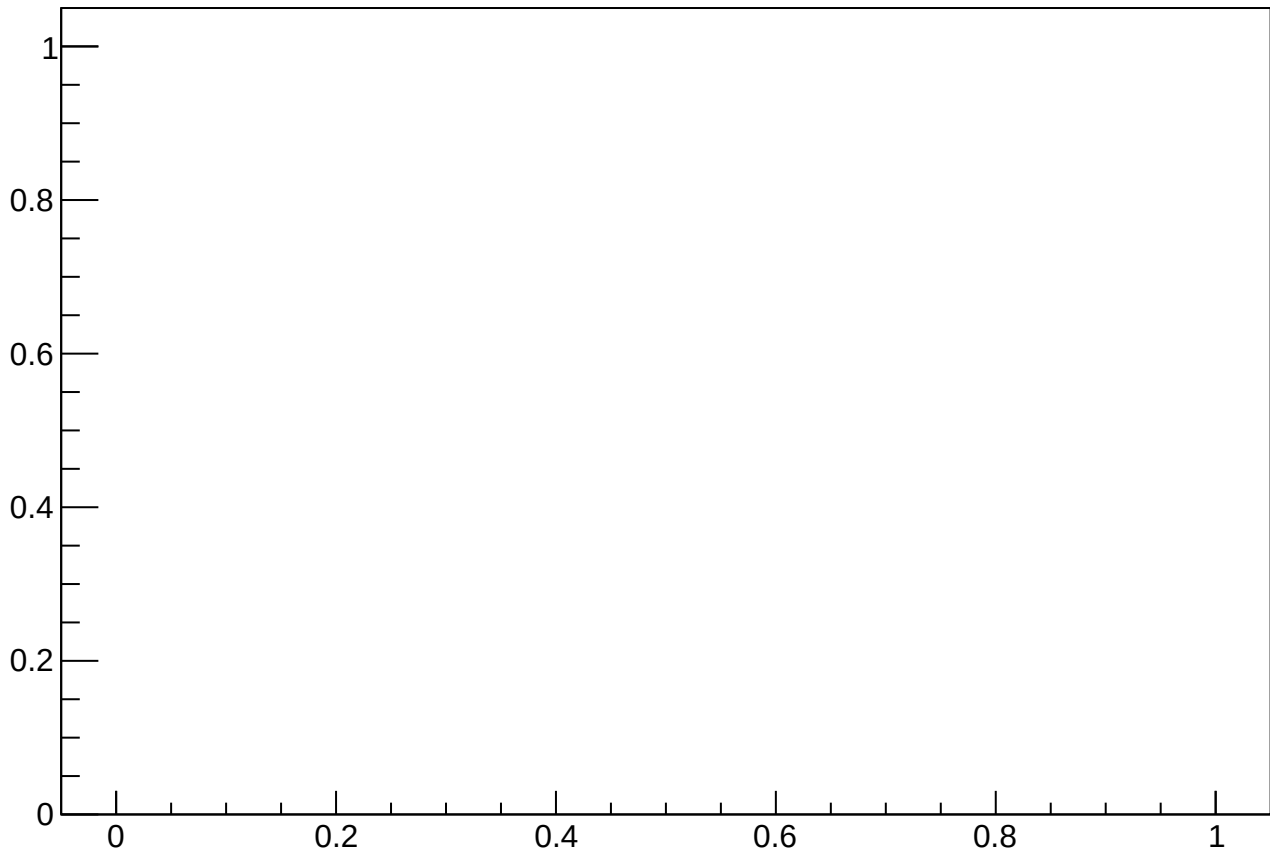
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

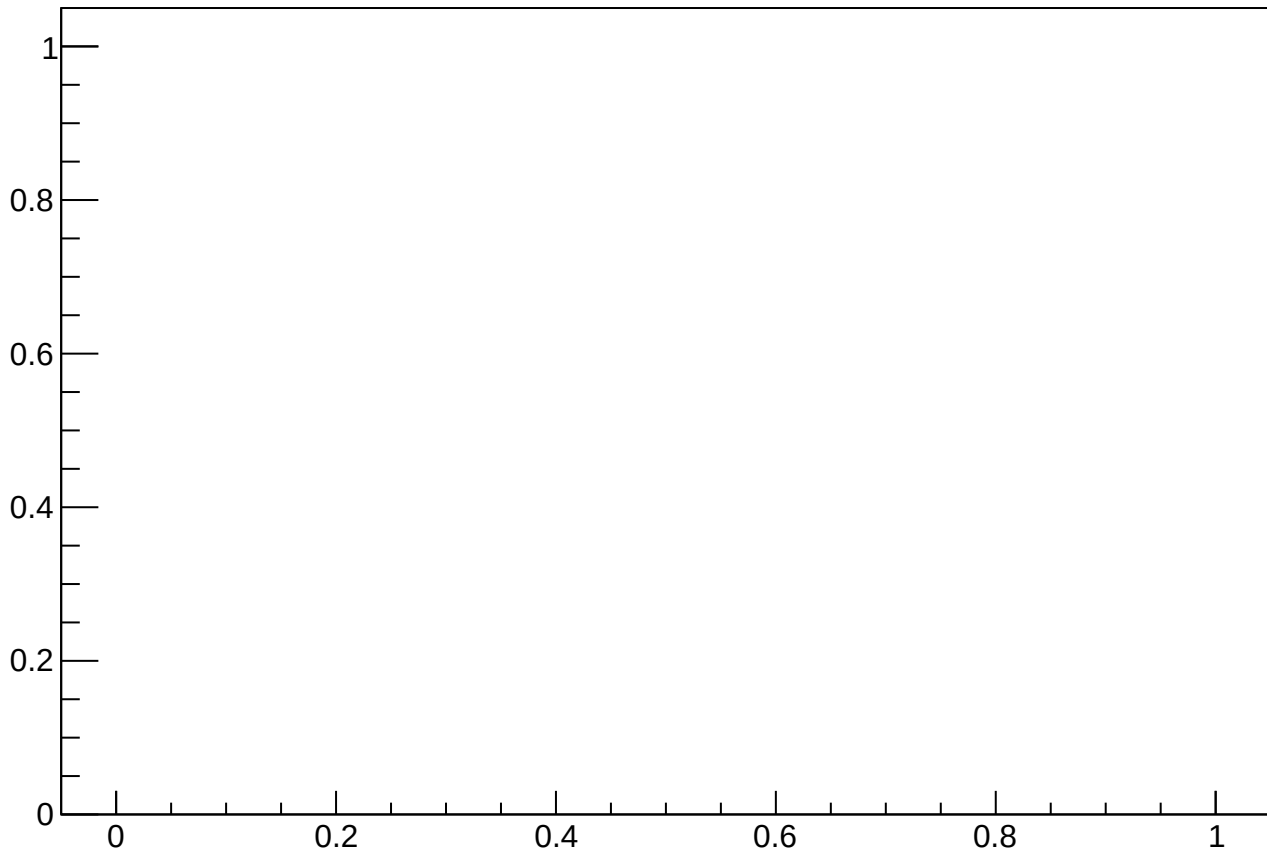
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

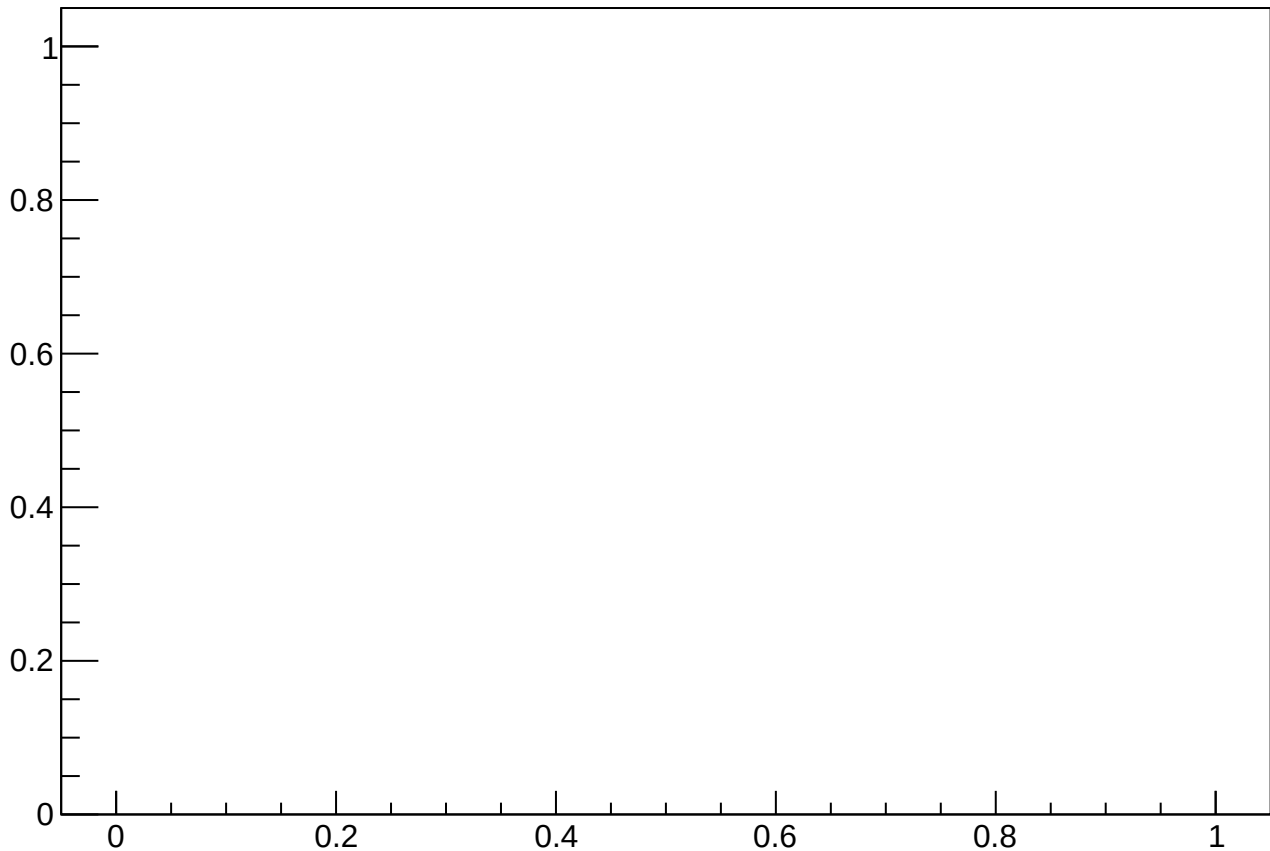
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

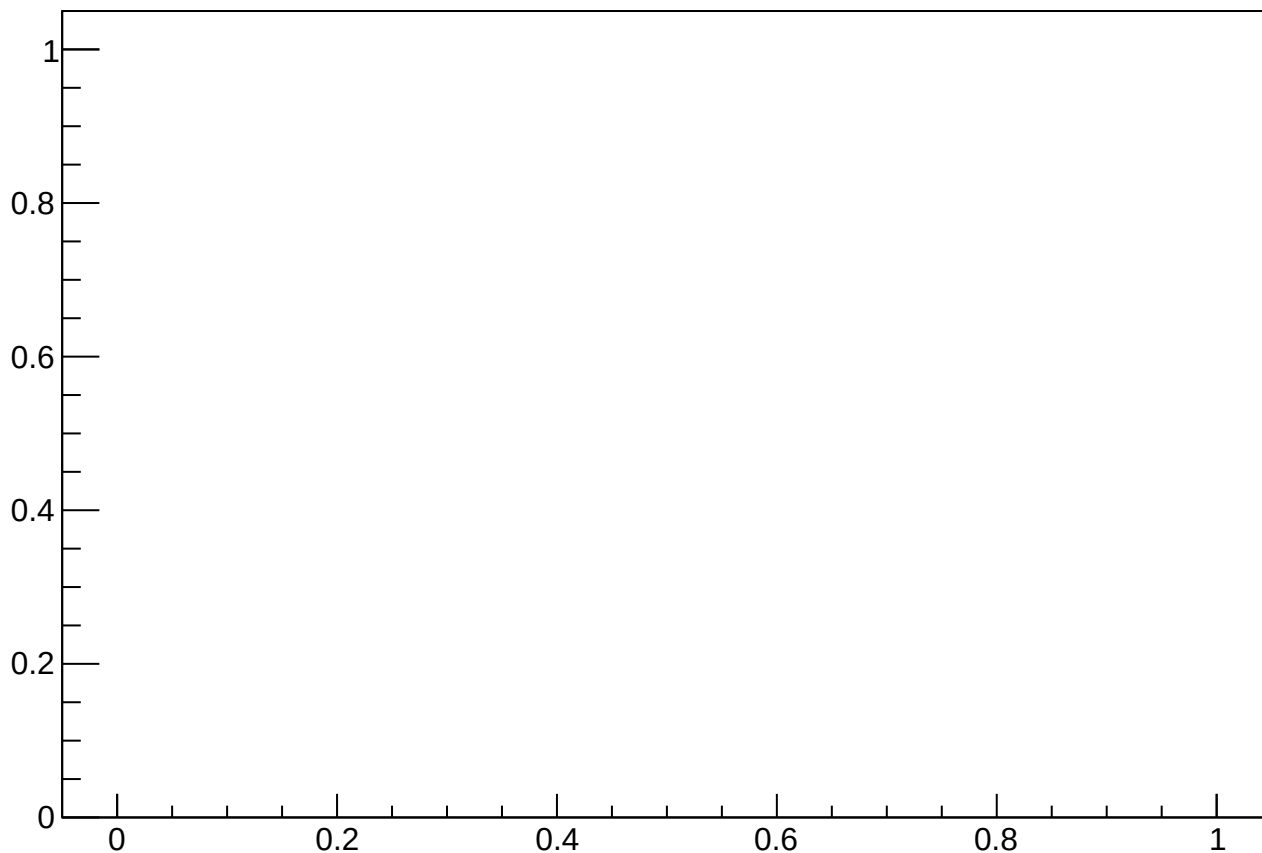
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

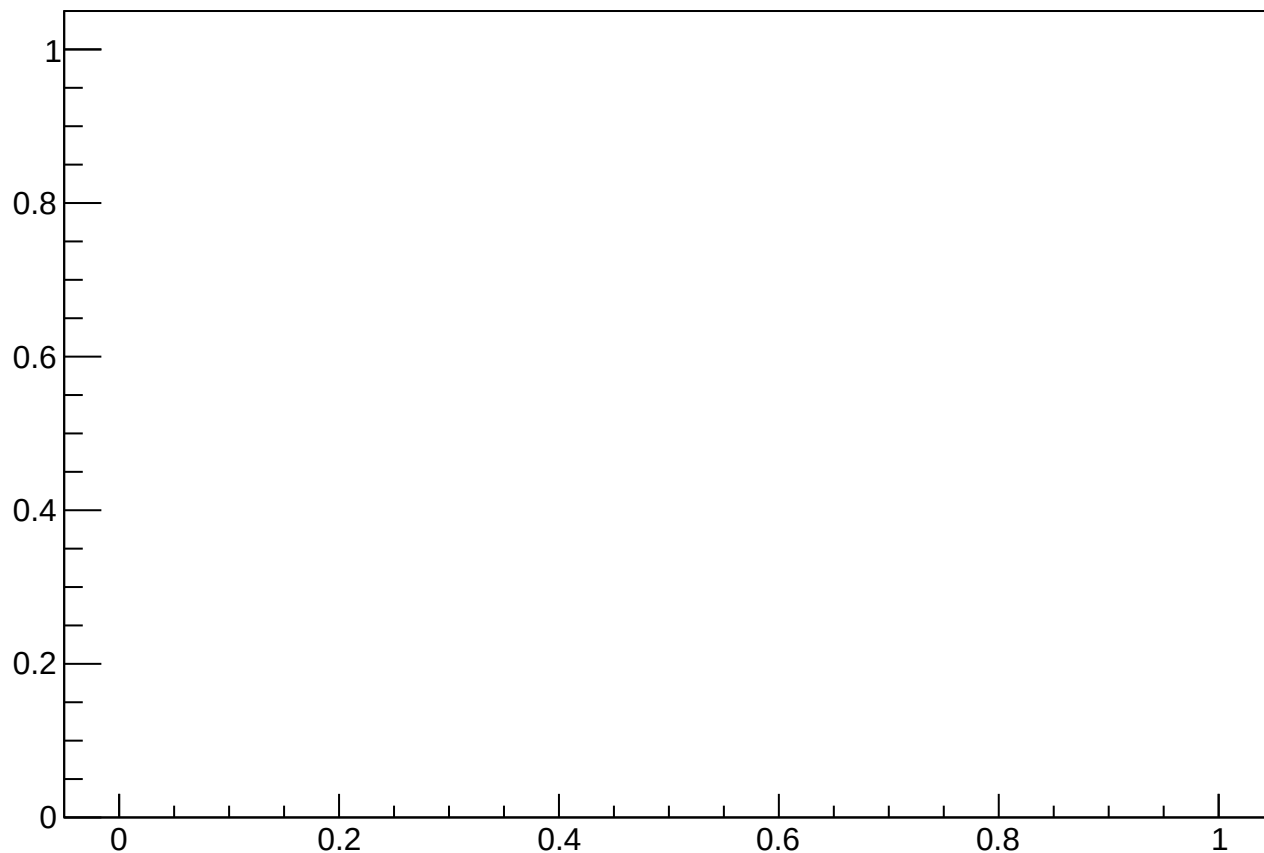
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

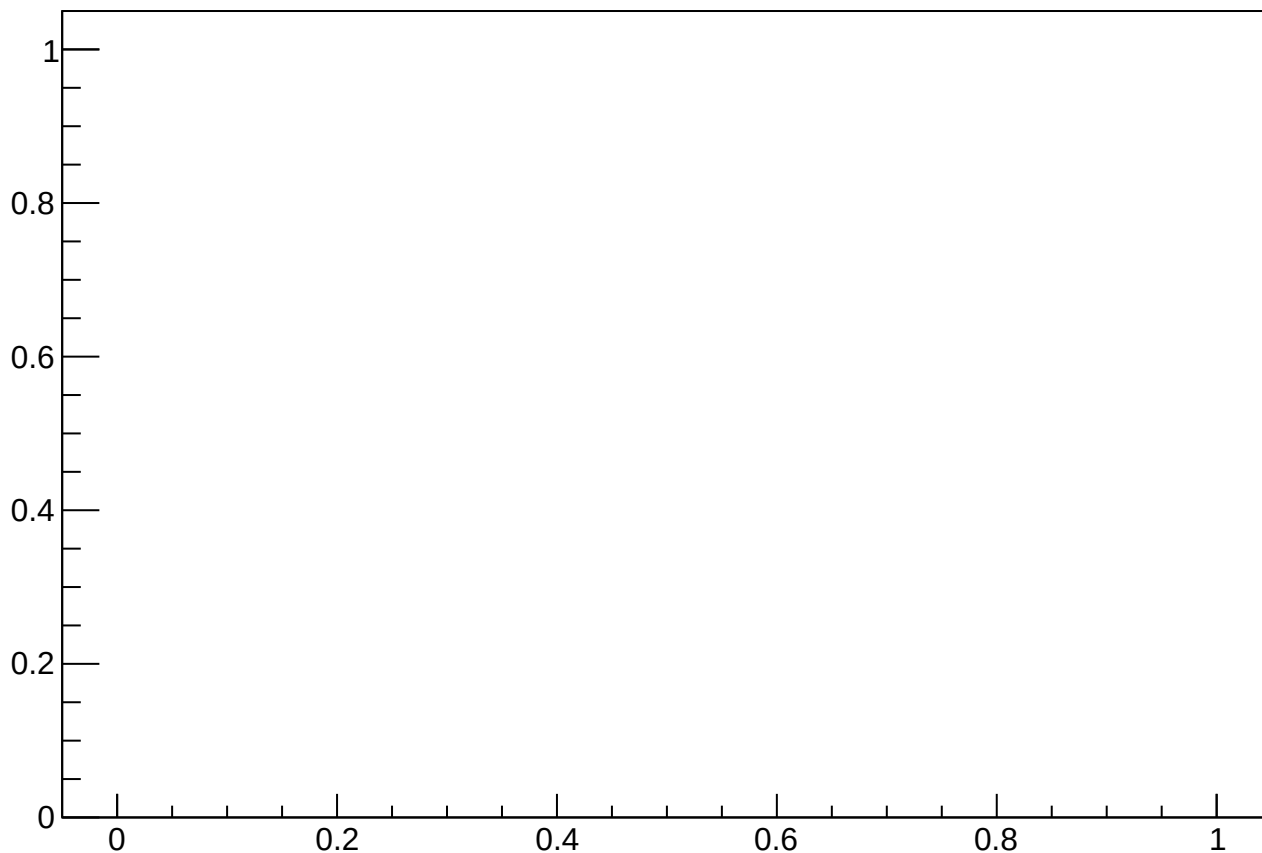
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

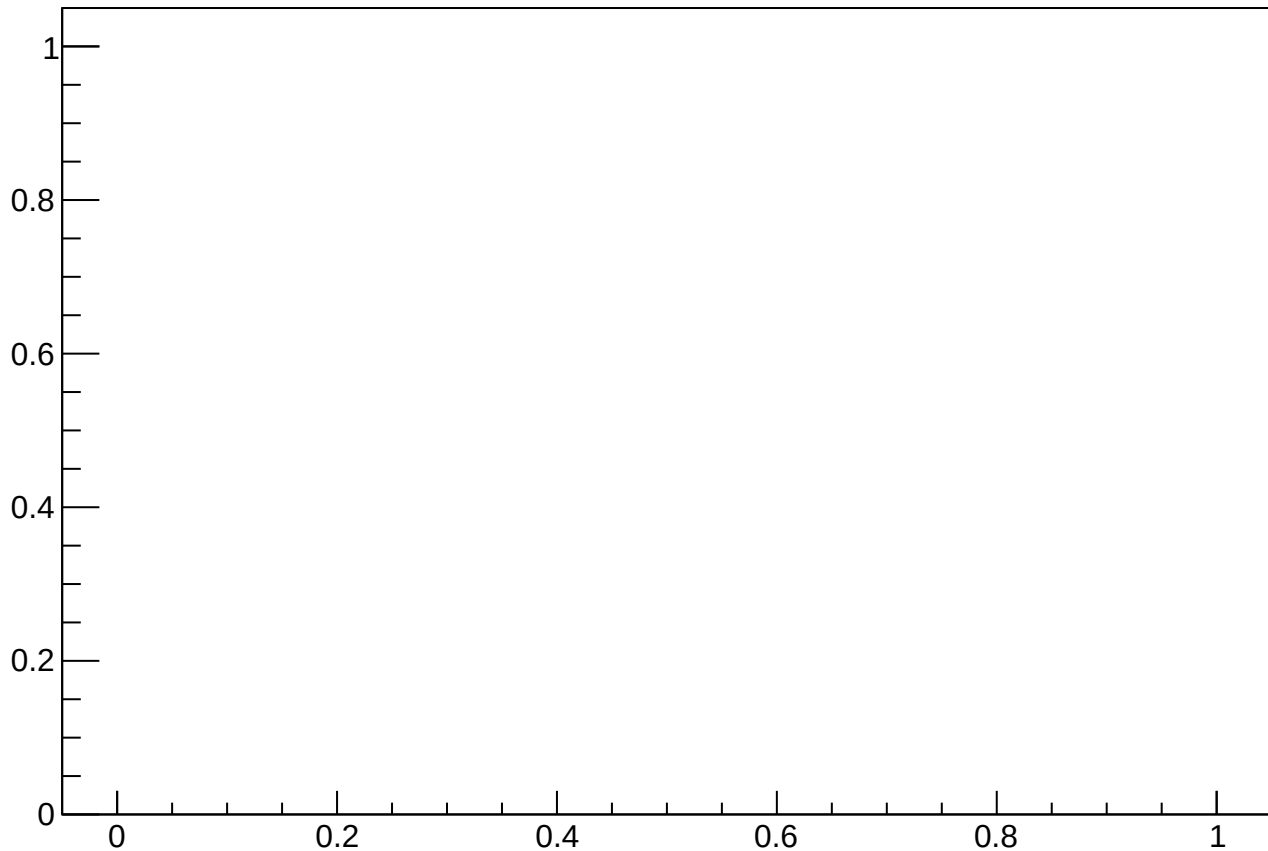
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

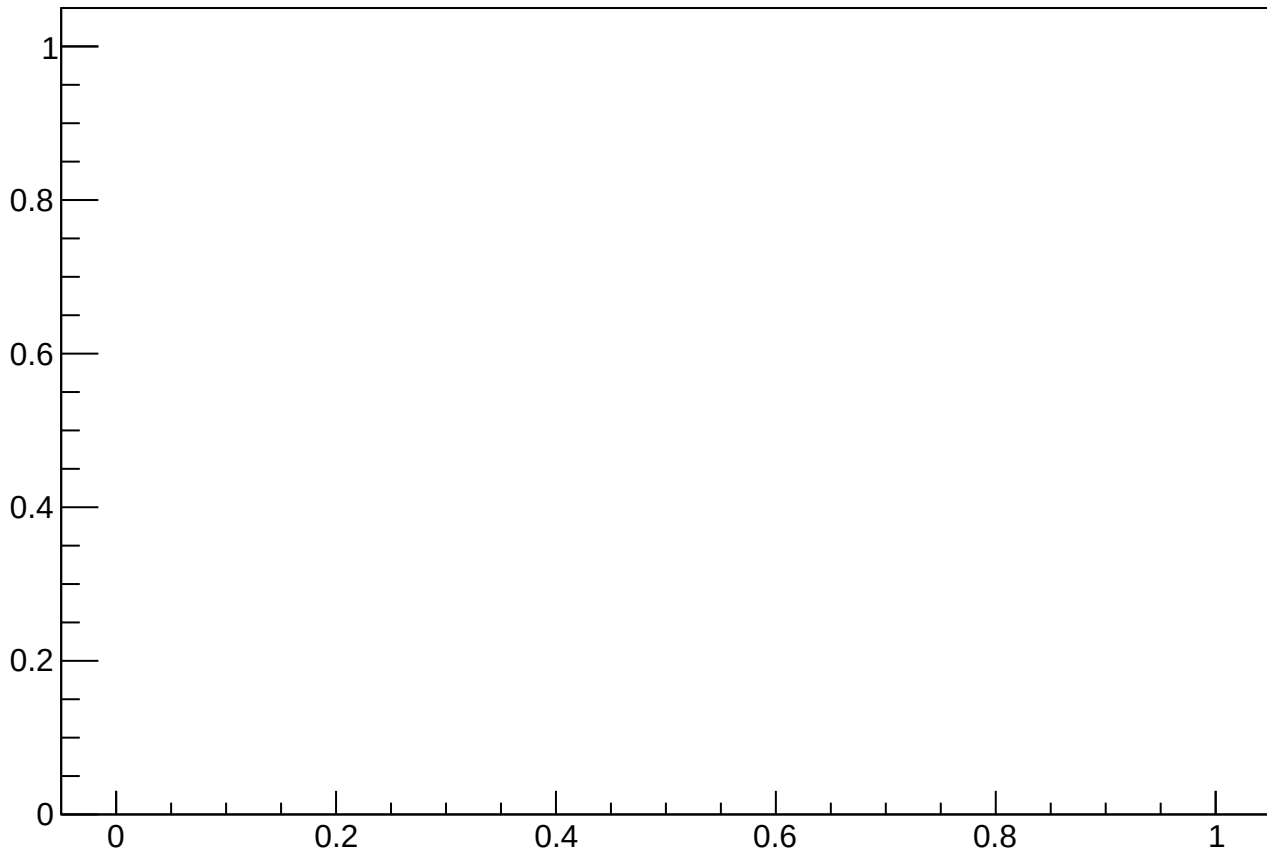
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

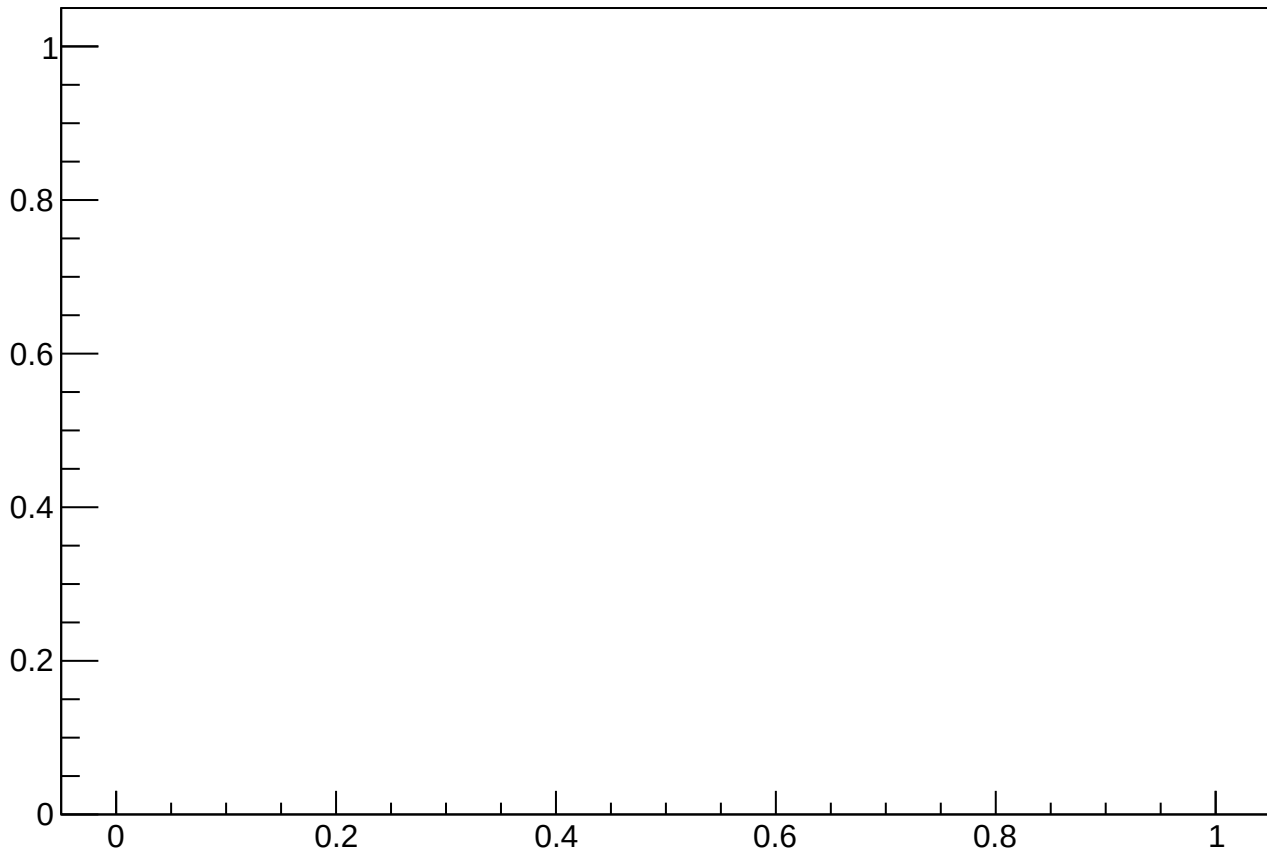
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

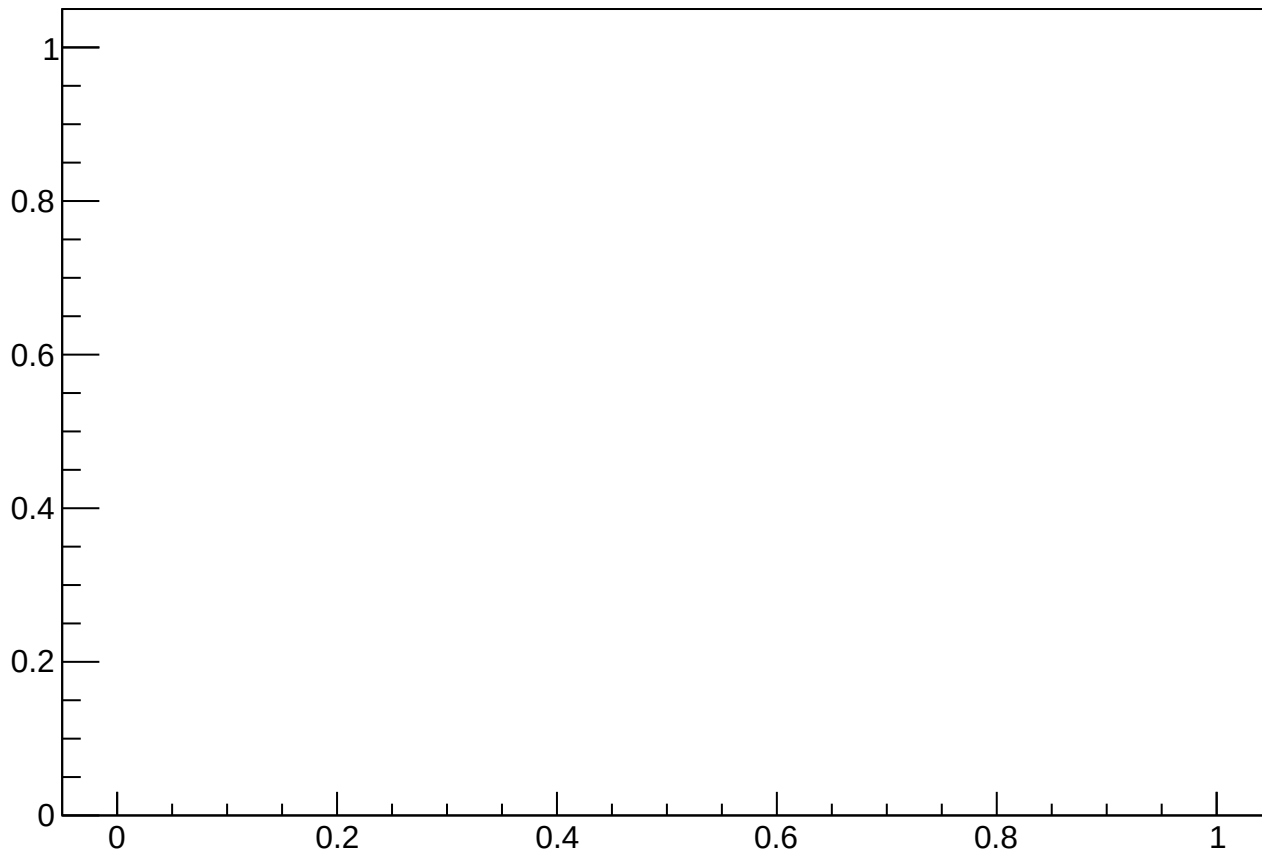
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

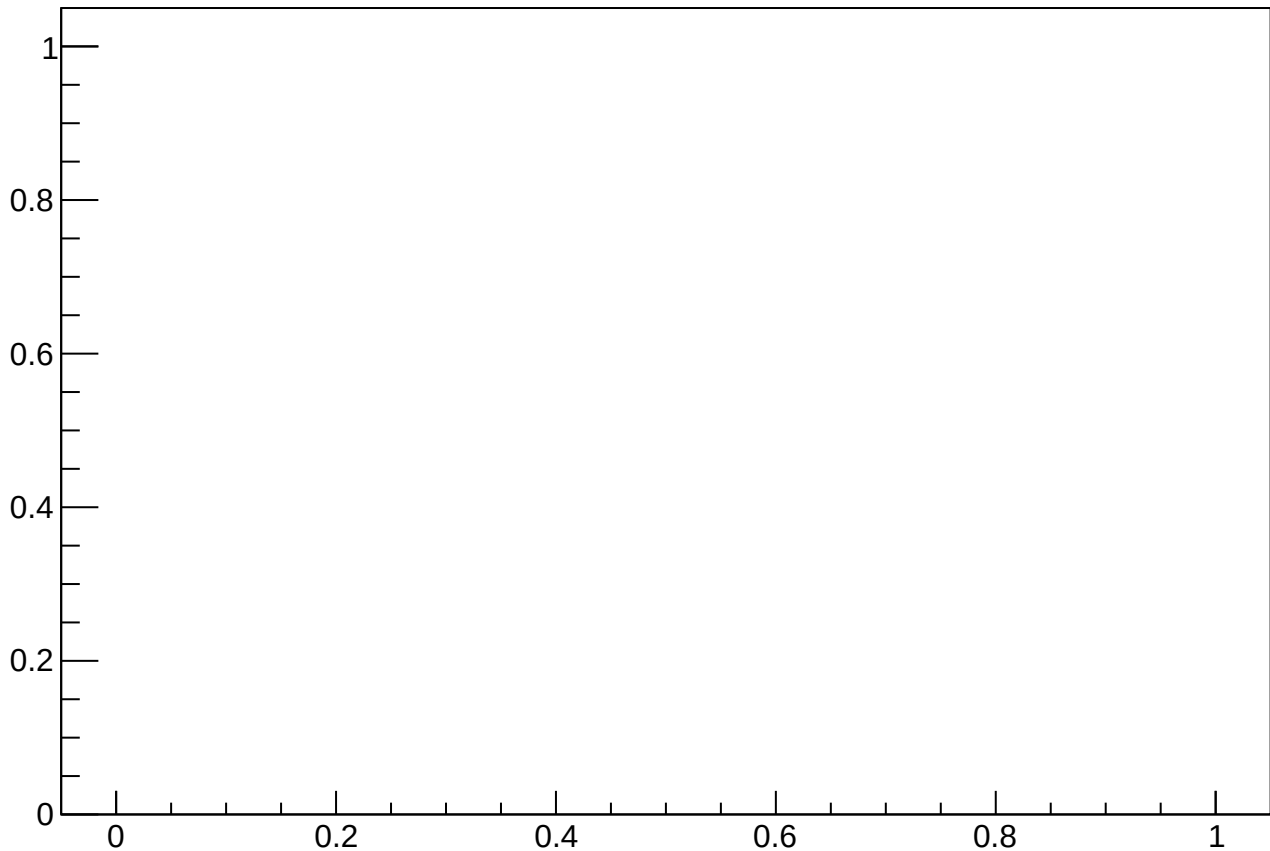
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

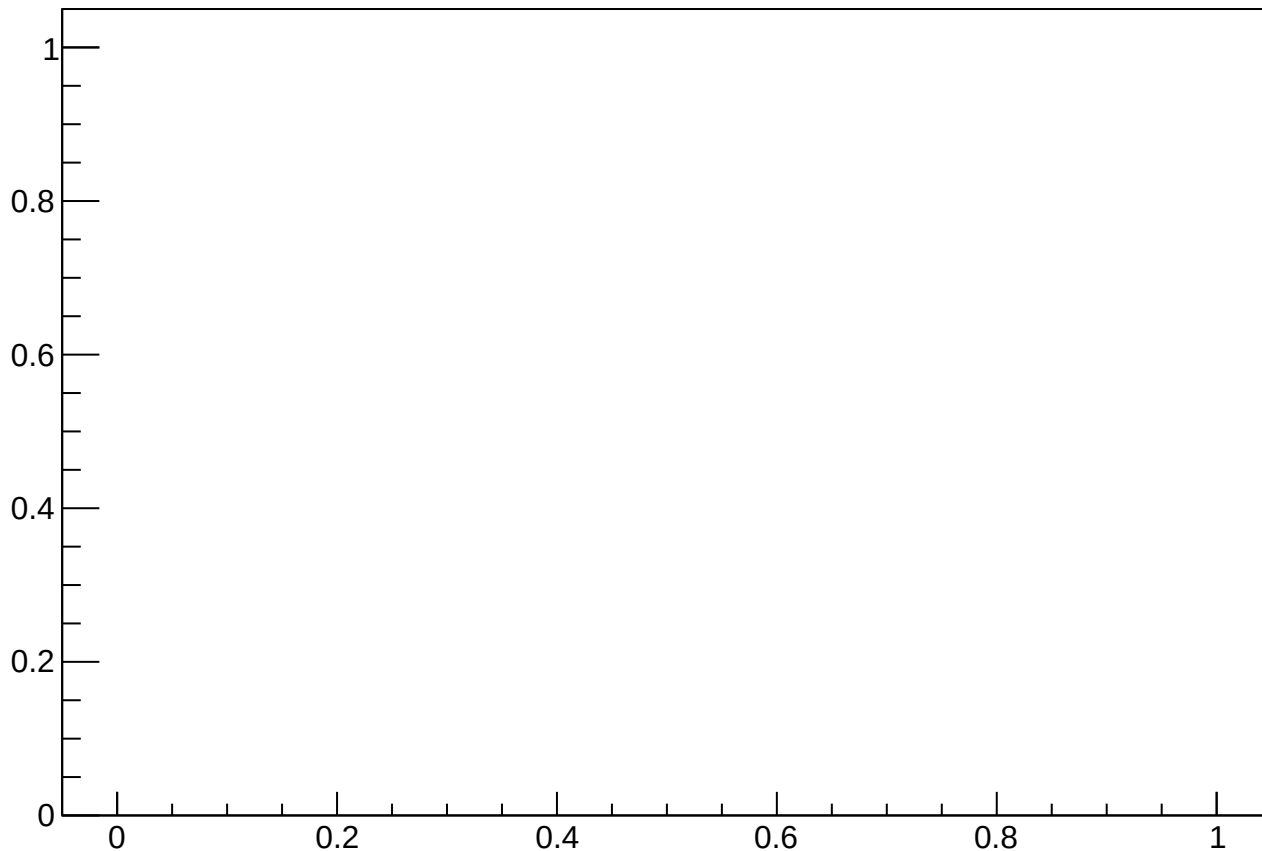
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

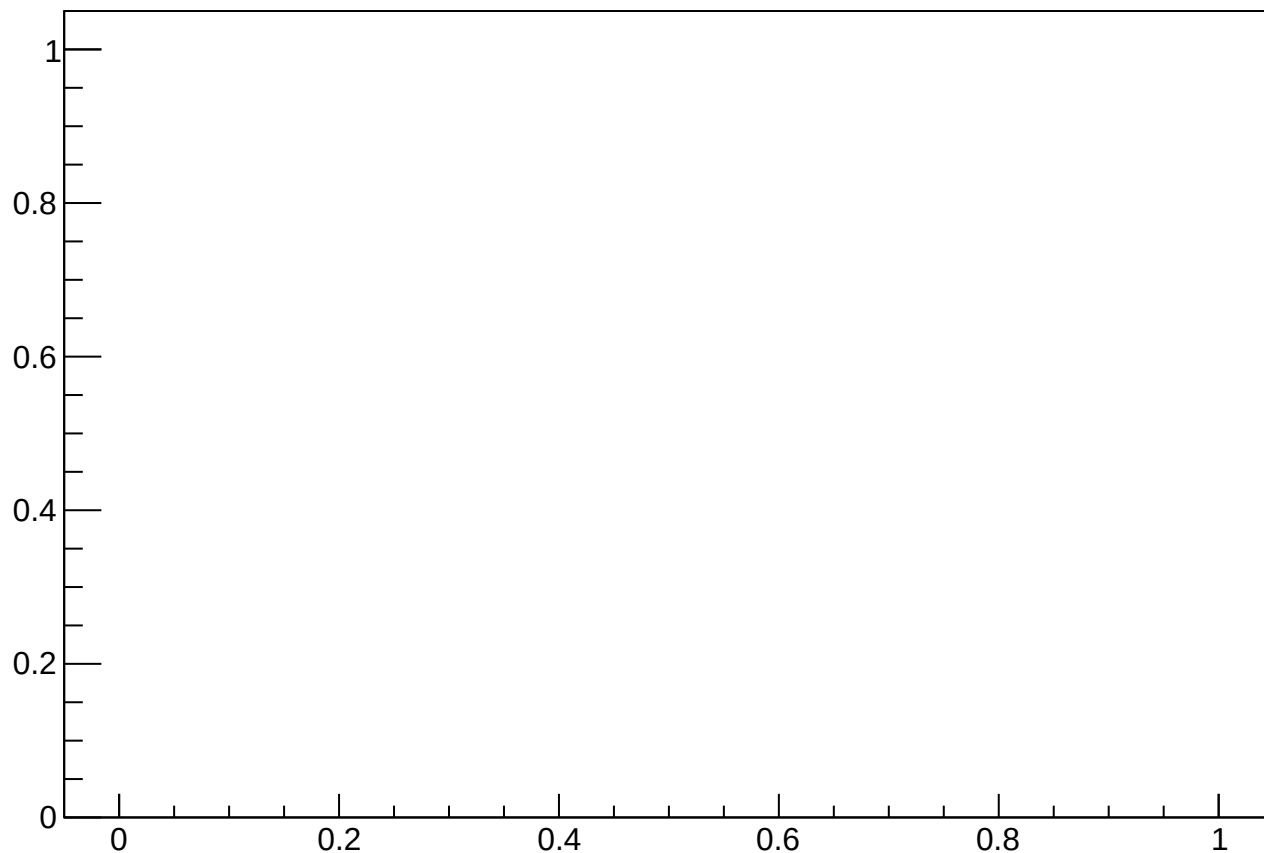
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

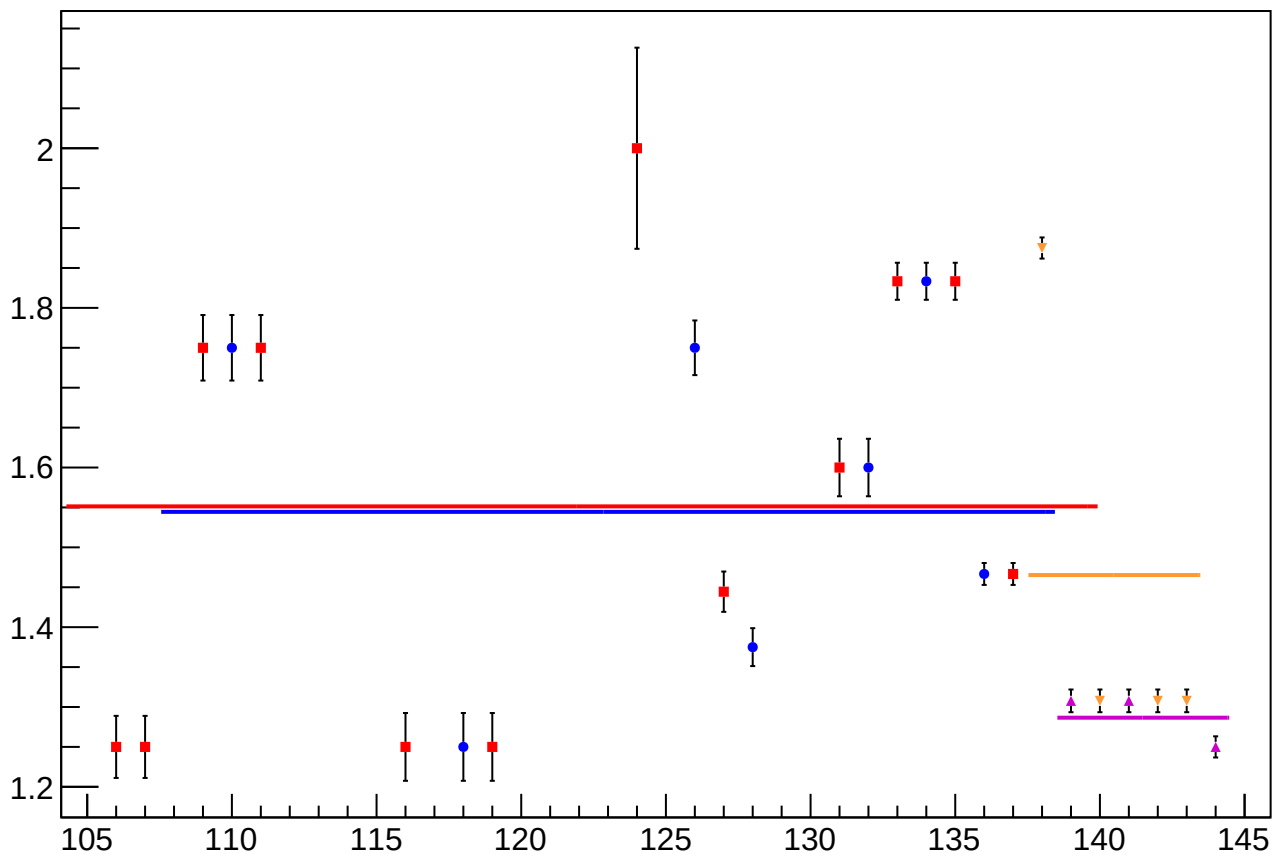
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.465 $\pm$ 0.007 χ^2 /NDF:1326.0/3

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: 1.388 $\pm$ 0.005 χ^2 /NDF: 1621.0/6

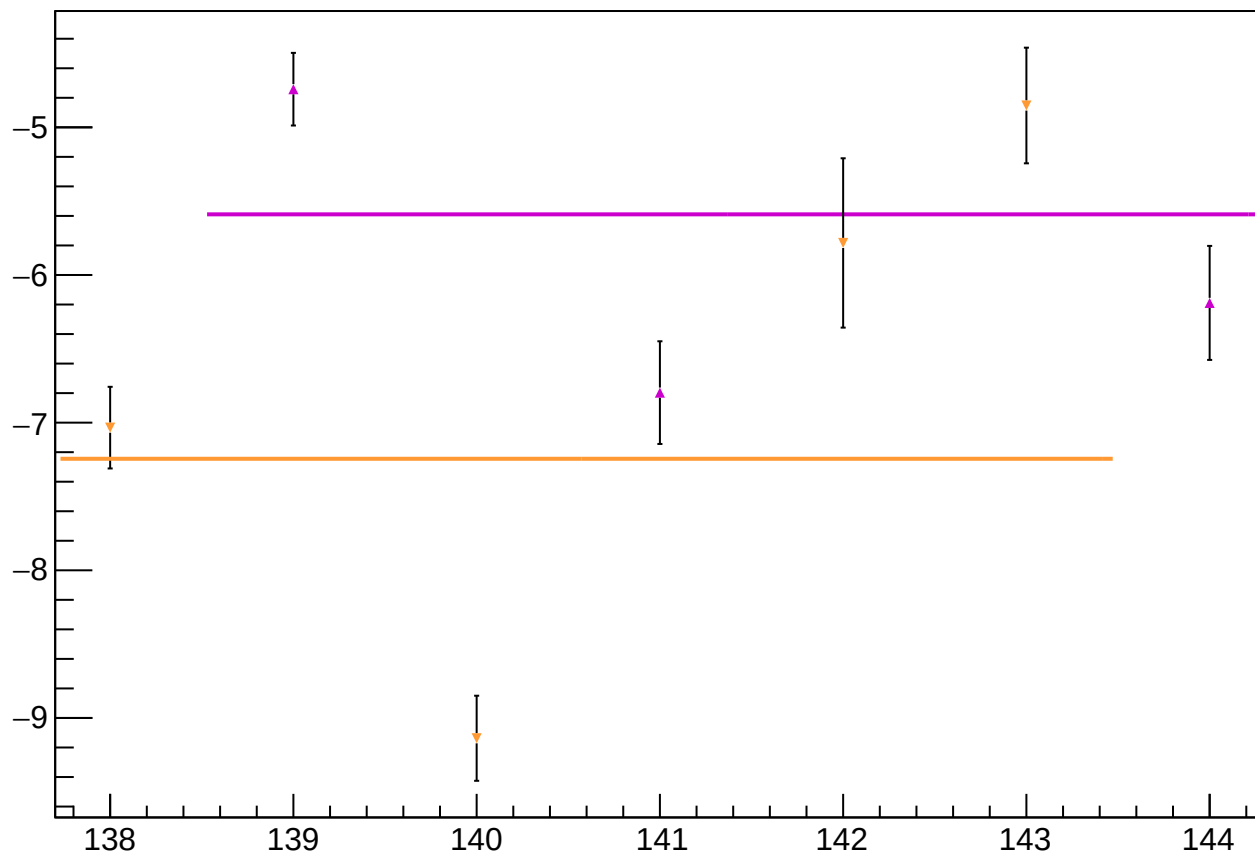
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.397 $\pm$ 0.006 χ^2 /NDF:806.2/9

Out: 1.502 $\pm$ 0.005 χ^2 /NDF:2023.8/15

All: 1.456 $\pm$ 0.004 χ^2 /NDF: 2998.5/25

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -7.245 $\pm$ 0.170 χ^2 /NDF:87.6/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -5.589 $\pm$ 0.178 χ^2 /NDF:26.3/2

Left: -6.457 $\pm$ 0.123 χ^2 /NDF: 159.2/6

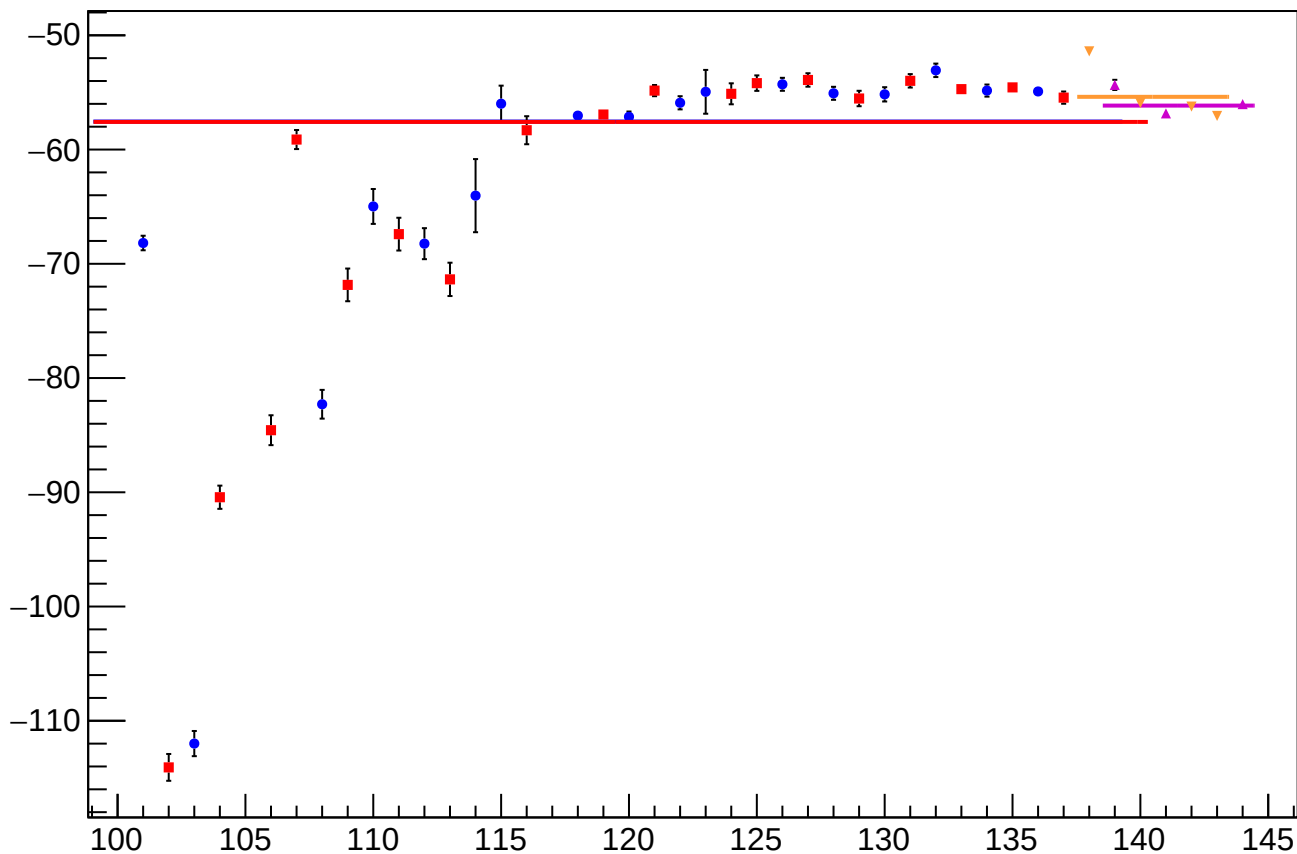
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.589 $\pm$ 0.178 χ^2 /NDF:26.3/2

Out: -7.245 $\pm$ 0.170 χ^2 /NDF:87.6/3

All: -6.457 $\pm$ 0.123 χ^2 /NDF: 159.2/6

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.385 $\pm$ 0.145 χ^2 /NDF:200.8/3

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -56.152 $\pm$ 0.172 χ^2 /NDF:24.2/2

Left: -55.703 $\pm$ 0.111 χ^2 /NDF: 236.6/6

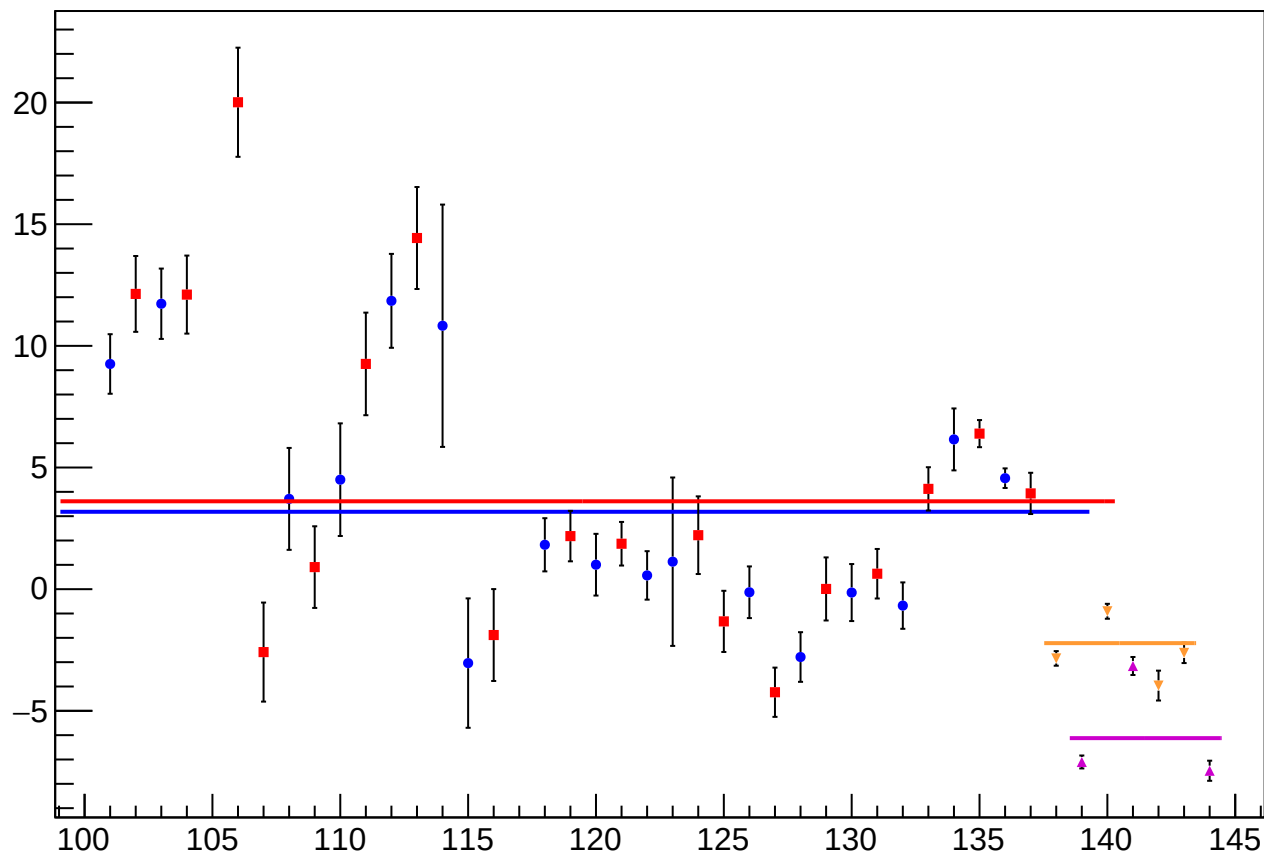
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.984 $\pm$ 0.109 χ^2 /NDF:3524.0/19

Out: -56.496 $\pm$ 0.102 χ^2 /NDF:4661.1/21

All: -56.723 $\pm$ 0.074 χ^2 /NDF: 8195.7/41

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: -2.218 ± 0.182 $\chi^2/\text{NDF}: 31.6/3$

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: -4.074 ± 0.132 $\chi^2/\text{NDF}: 338.0/6$

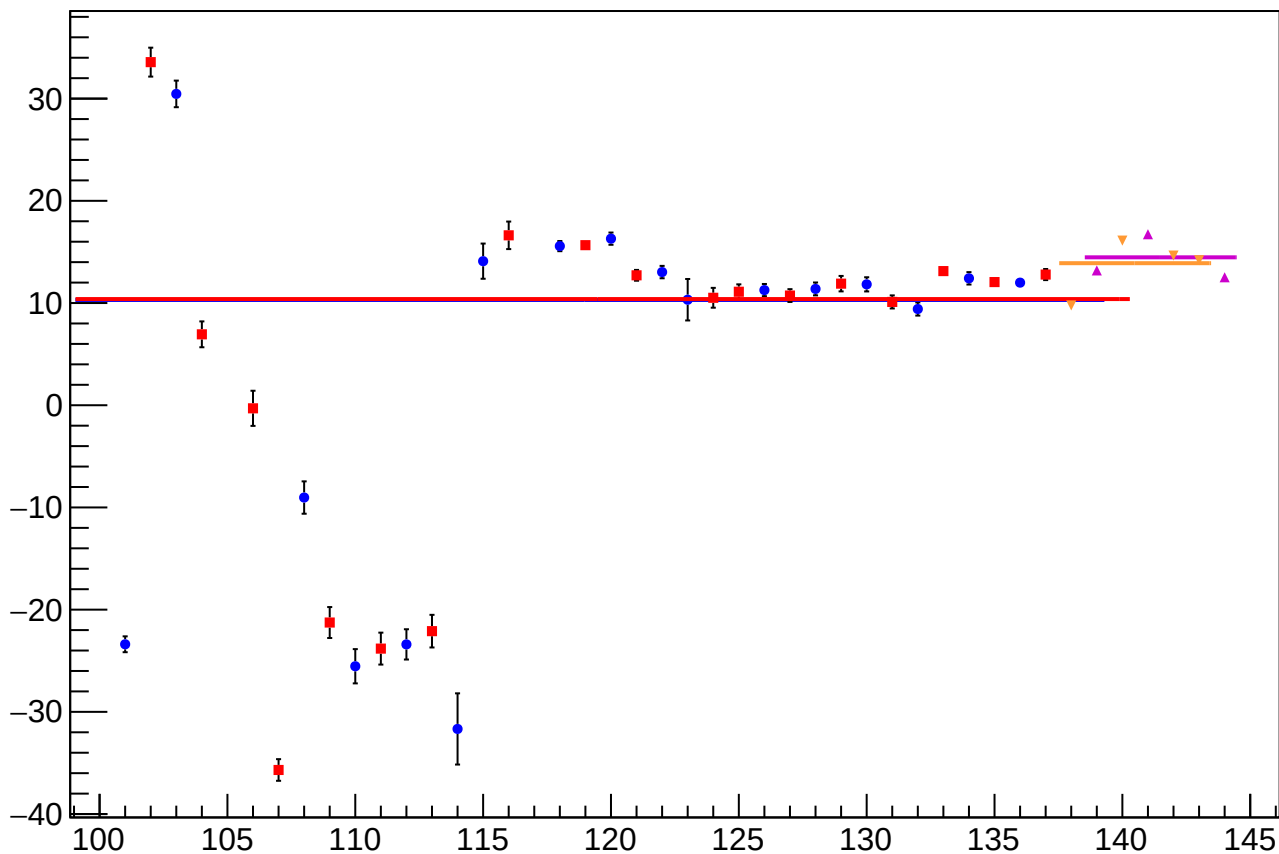
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -2.818 ± 0.154 $\chi^2/\text{NDF}: 1112.1/19$

Out: -0.372 ± 0.151 $\chi^2/\text{NDF}: 644.5/21$

All: -1.571 ± 0.108 $\chi^2/\text{NDF}: 1885.6/41$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.899+/-0.170 χ^2/NDF :198.7/3

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: 14.144+/-0.129 χ^2/NDF : 304.5/6

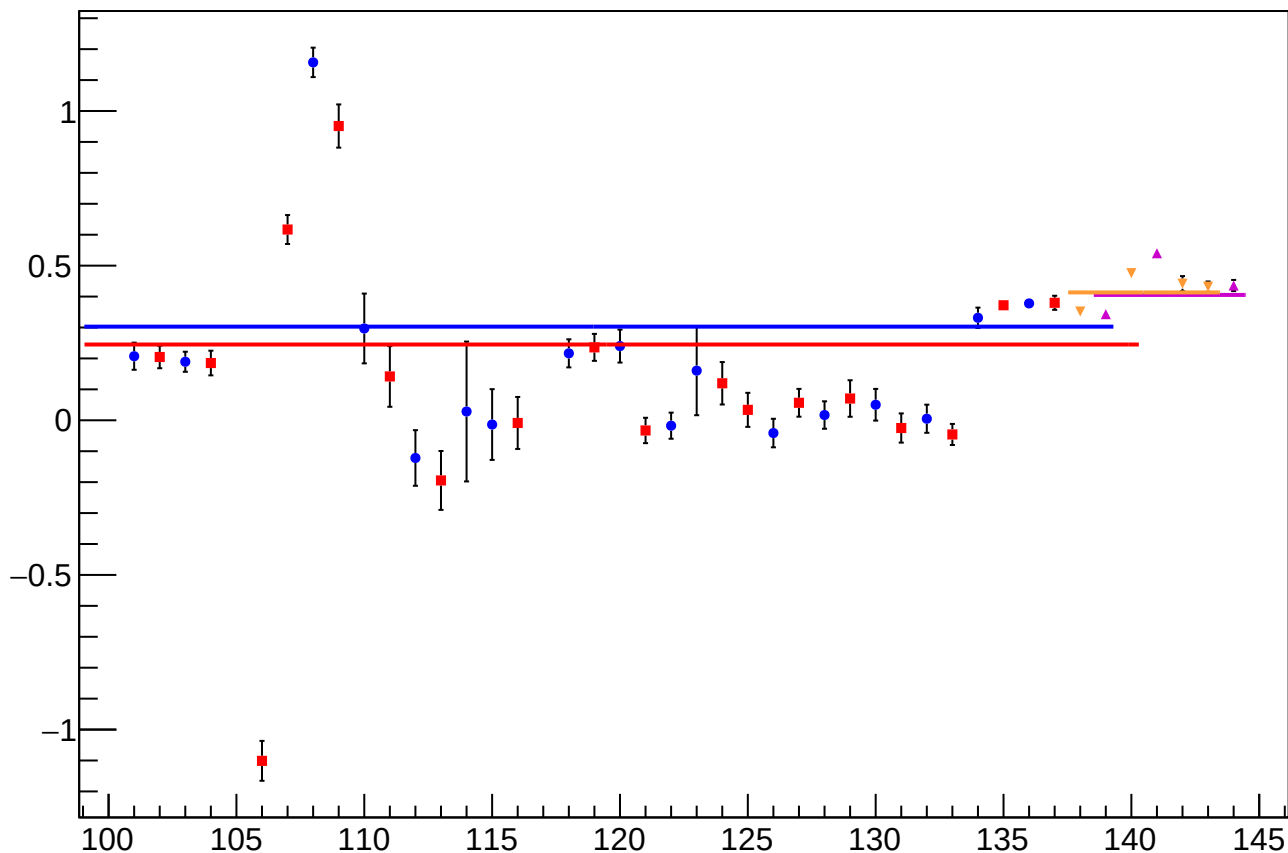
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.923+/-0.123 χ^2/NDF :4074.9/19

Out: 12.035+/-0.116 χ^2/NDF :4211.2/21

All: 11.982+/-0.084 χ^2/NDF : 8286.5/41

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: 0.413 $\pm$ 0.007 χ^2 /NDF:53.2/3

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: 0.409 $\pm$ 0.005 χ^2 /NDF: 182.5/6

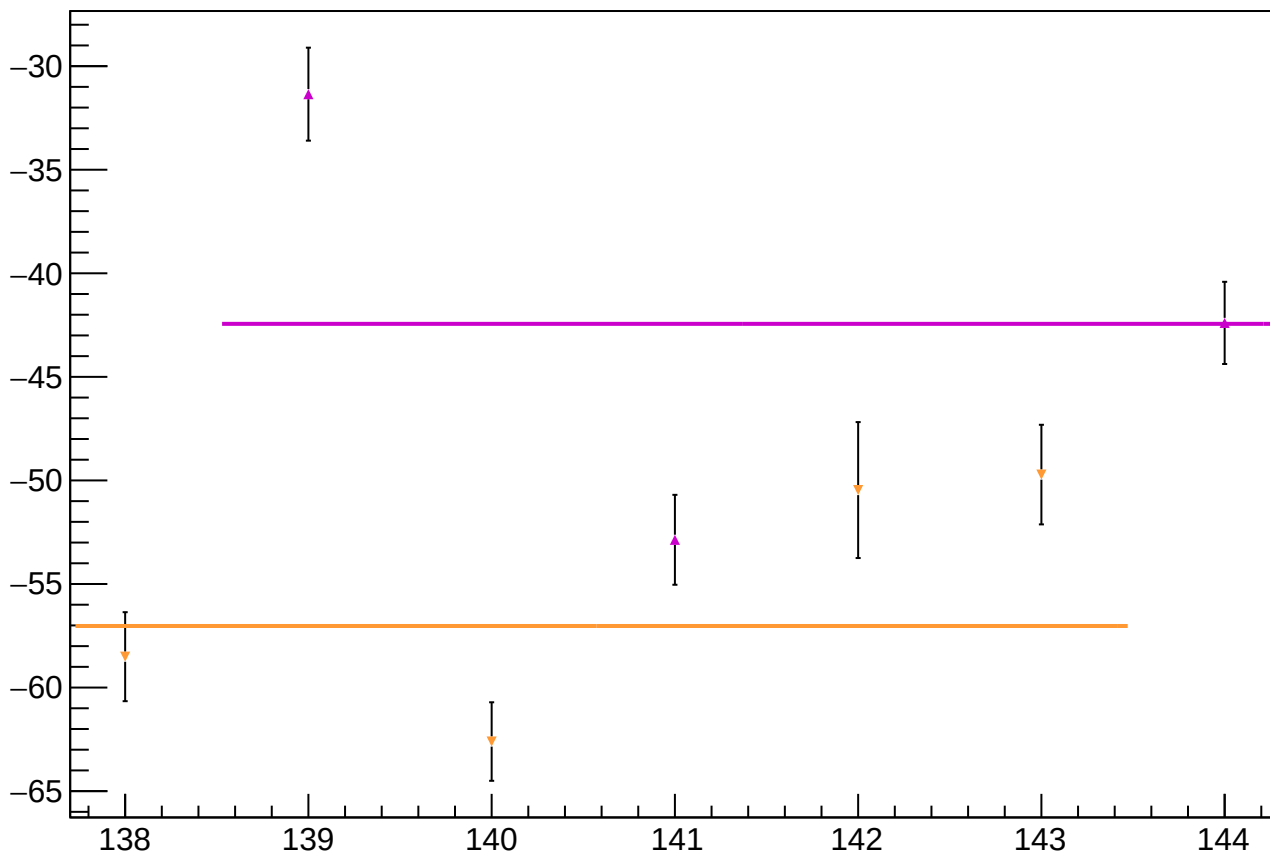
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.360 $\pm$ 0.005 χ^2 /NDF:863.5/19

Out: 0.341 $\pm$ 0.006 χ^2 /NDF:1231.2/21

All: 0.351 $\pm$ 0.004 χ^2 /NDF: 2100.6/41

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.028+/-1.146 χ^2/NDF :22.4/3

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: -50.225+/-0.838 χ^2/NDF : 145.3/6

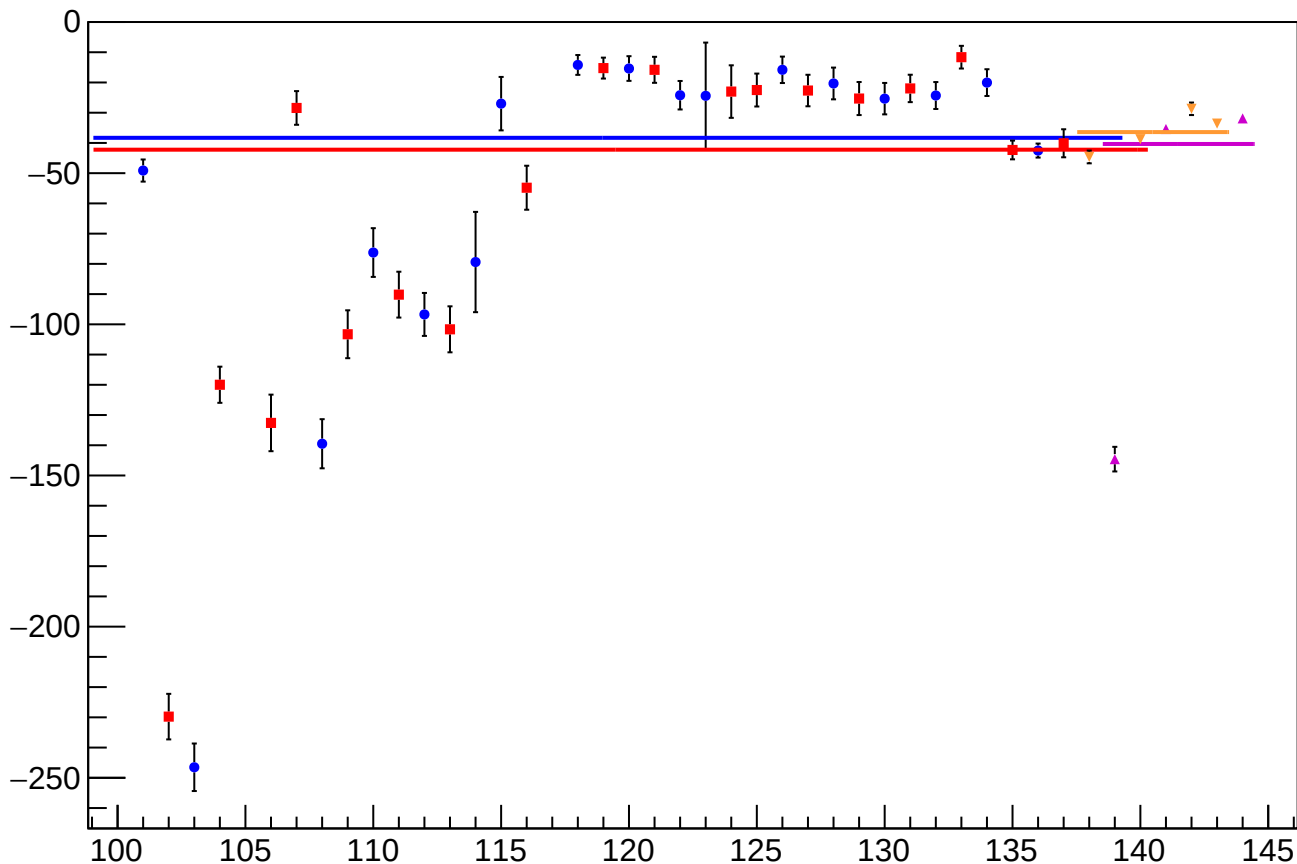
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.441+/-1.226 χ^2/NDF :47.5/2

Out: -57.028+/-1.146 χ^2/NDF :22.4/3

All: -50.225+/-0.838 χ^2/NDF : 145.3/6

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: -36.408 ± 0.896 $\chi^2/\text{NDF}: 34.3/3$

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: -38.139 ± 0.671 $\chi^2/\text{NDF}: 744.4/6$

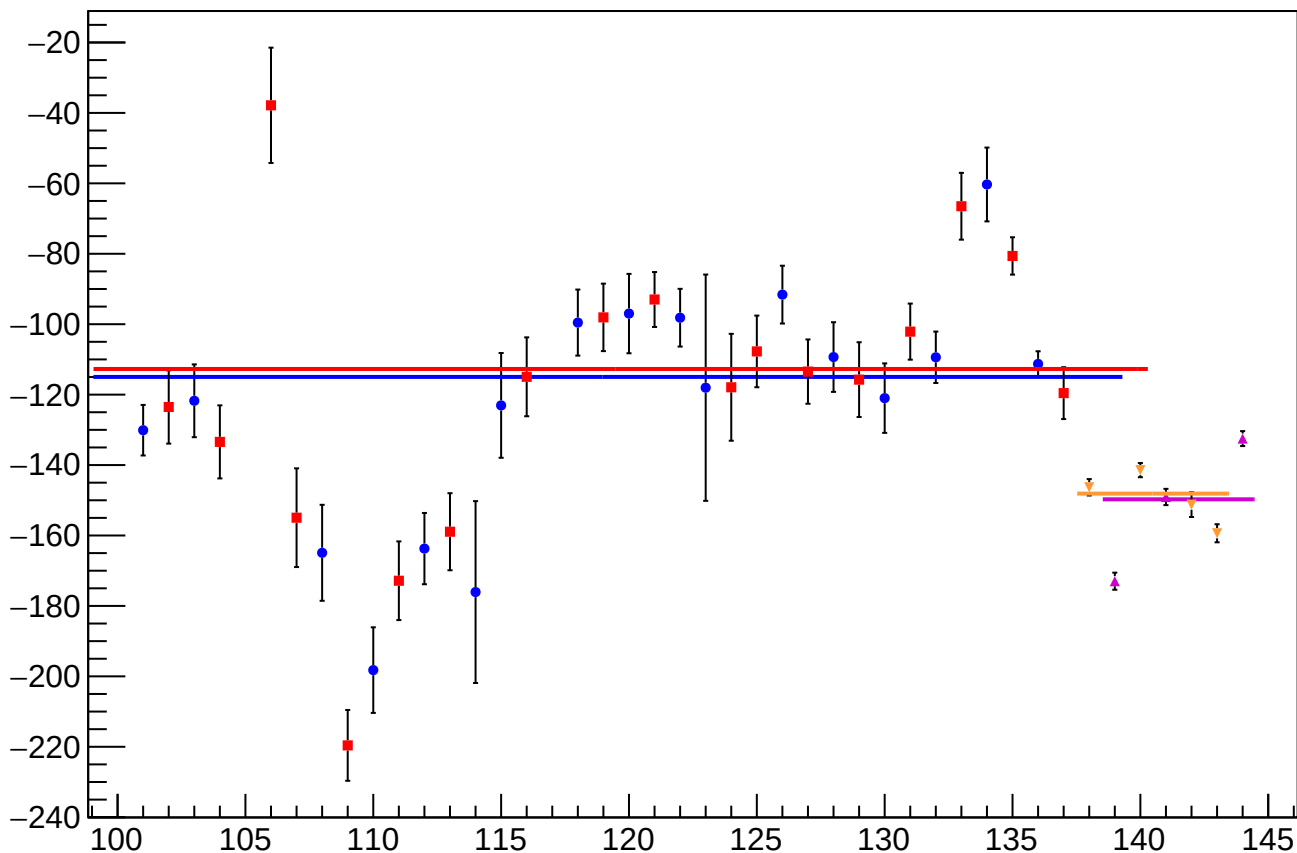
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -39.443 ± 0.756 $\chi^2/\text{NDF}: 1836.2/19$

Out: -38.472 ± 0.720 $\chi^2/\text{NDF}: 1327.4/21$

All: -38.934 ± 0.521 $\chi^2/\text{NDF}: 3164.4/41$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -148.105 $\pm$ 1.228 χ^2 /NDF:31.6/3

Right Out: -112.713 $\pm$ 2.210 χ^2 /NDF: 267.1/17

Left In: -149.730 $\pm$ 1.314 χ^2 /NDF:157.6/2

Left: -148.862 $\pm$ 0.897 χ^2 /NDF: 190.1/6

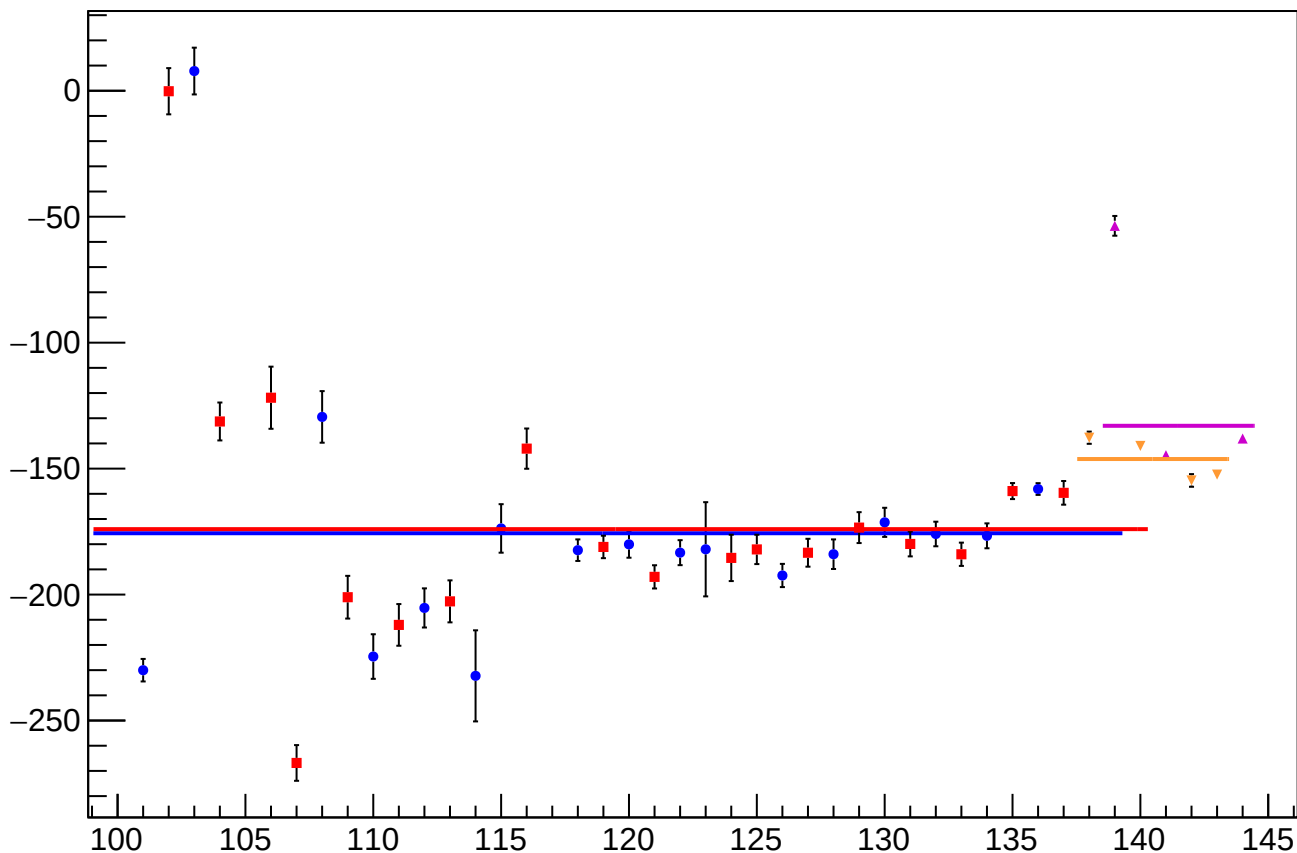
Right: -113.912 $\pm$ 1.513 χ^2 /NDF: 409.1/34

In: -139.773 $\pm$ 1.110 χ^2 /NDF:499.4/19

Out: -139.756 $\pm$ 1.074 χ^2 /NDF:494.6/21

All: -139.764 $\pm$ 0.772 χ^2 /NDF: 994.0/41

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -146.191 ± 1.073 χ^2/NDF : 41.1/3

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: -140.269 ± 0.796 χ^2/NDF : 567.1/6

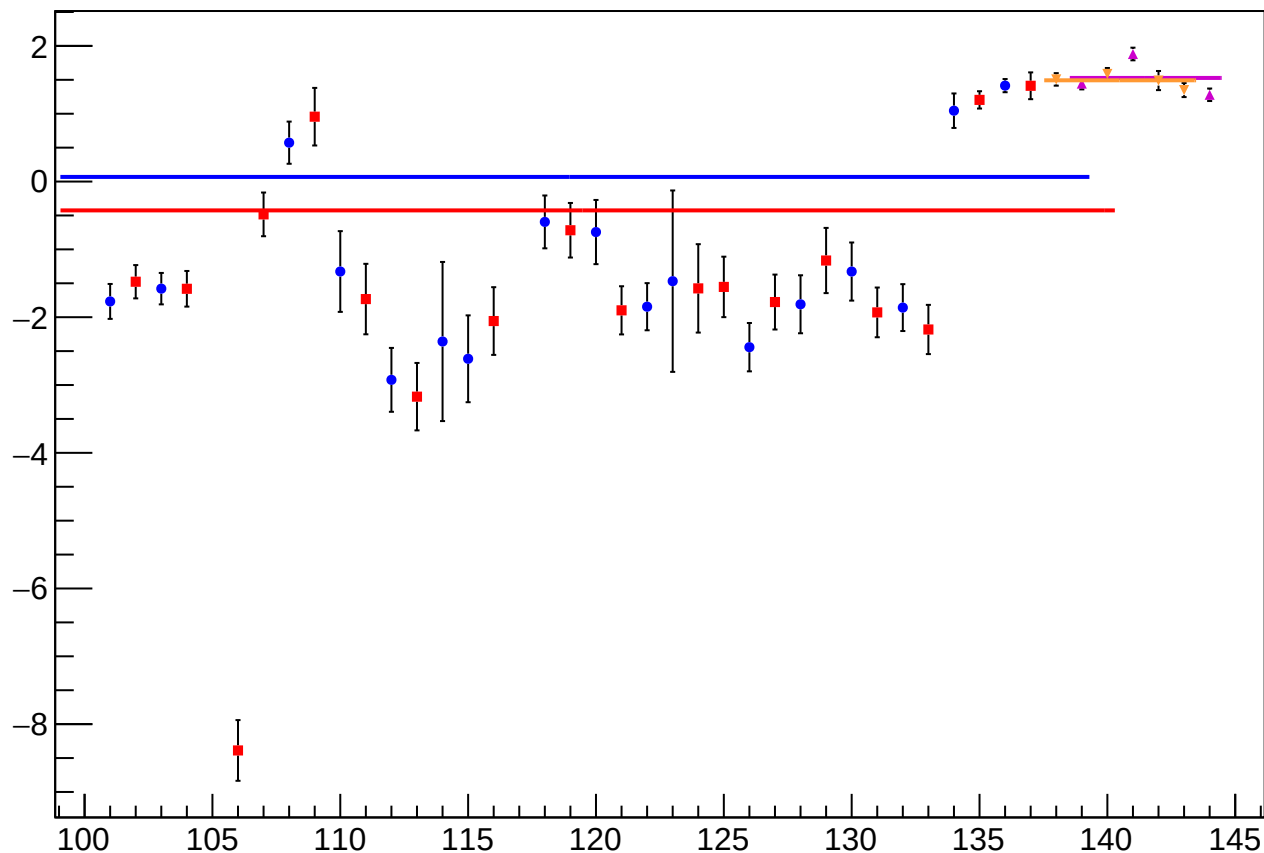
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -152.926 ± 0.867 χ^2/NDF : 1752.0/19

Out: -156.911 ± 0.841 χ^2/NDF : 1004.0/21

All: -154.980 ± 0.604 χ^2/NDF : 2766.8/41

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.493 ± 0.051 χ^2/NDF : 3.1/3

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: 1.510 ± 0.036 χ^2/NDF : 25.8/6

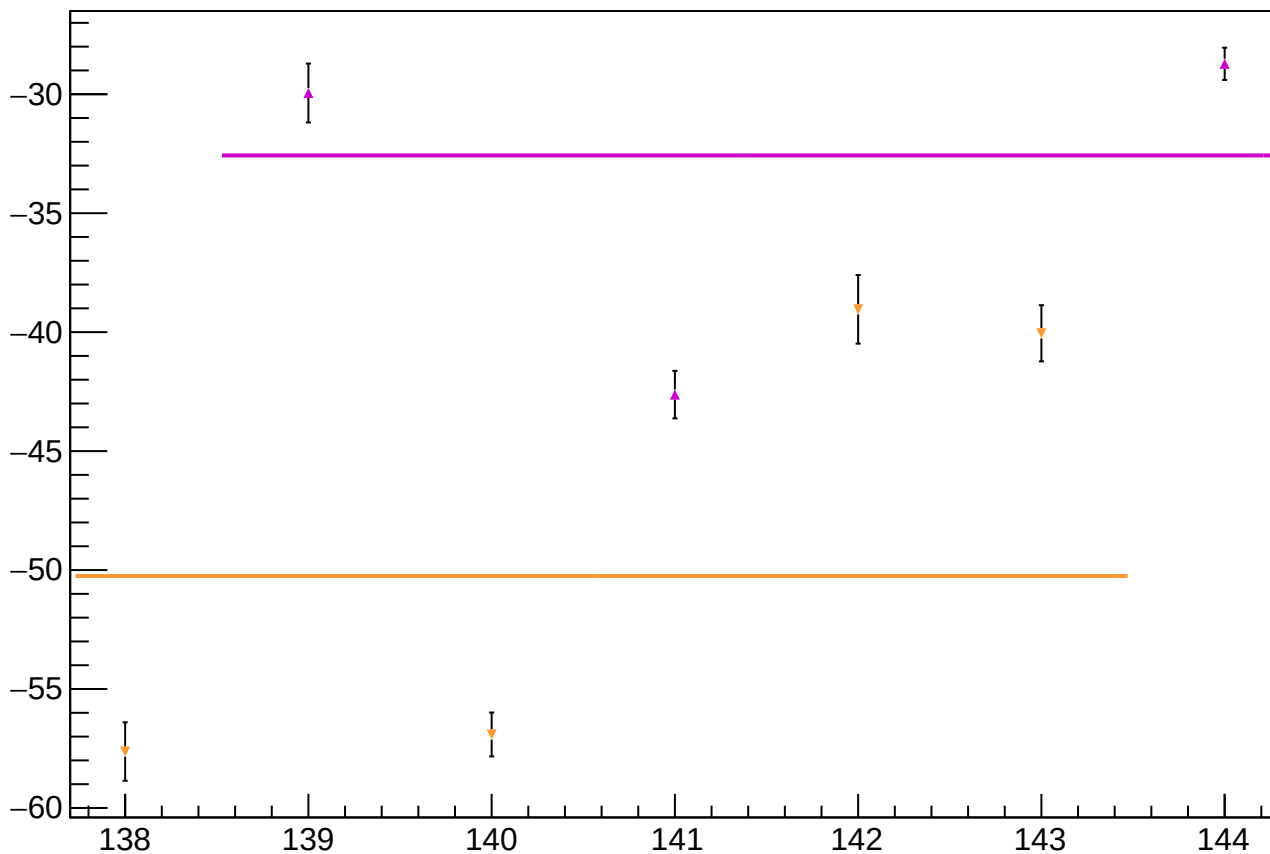
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 0.978 ± 0.041 χ^2/NDF : 844.0/19

Out: 0.850 ± 0.041 χ^2/NDF : 1227.8/21

All: 0.914 ± 0.029 χ^2/NDF : 2076.6/41

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.251+/-0.574 χ^2/NDF :223.2/3

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: -40.386+/-0.382 χ^2/NDF : 890.4/6

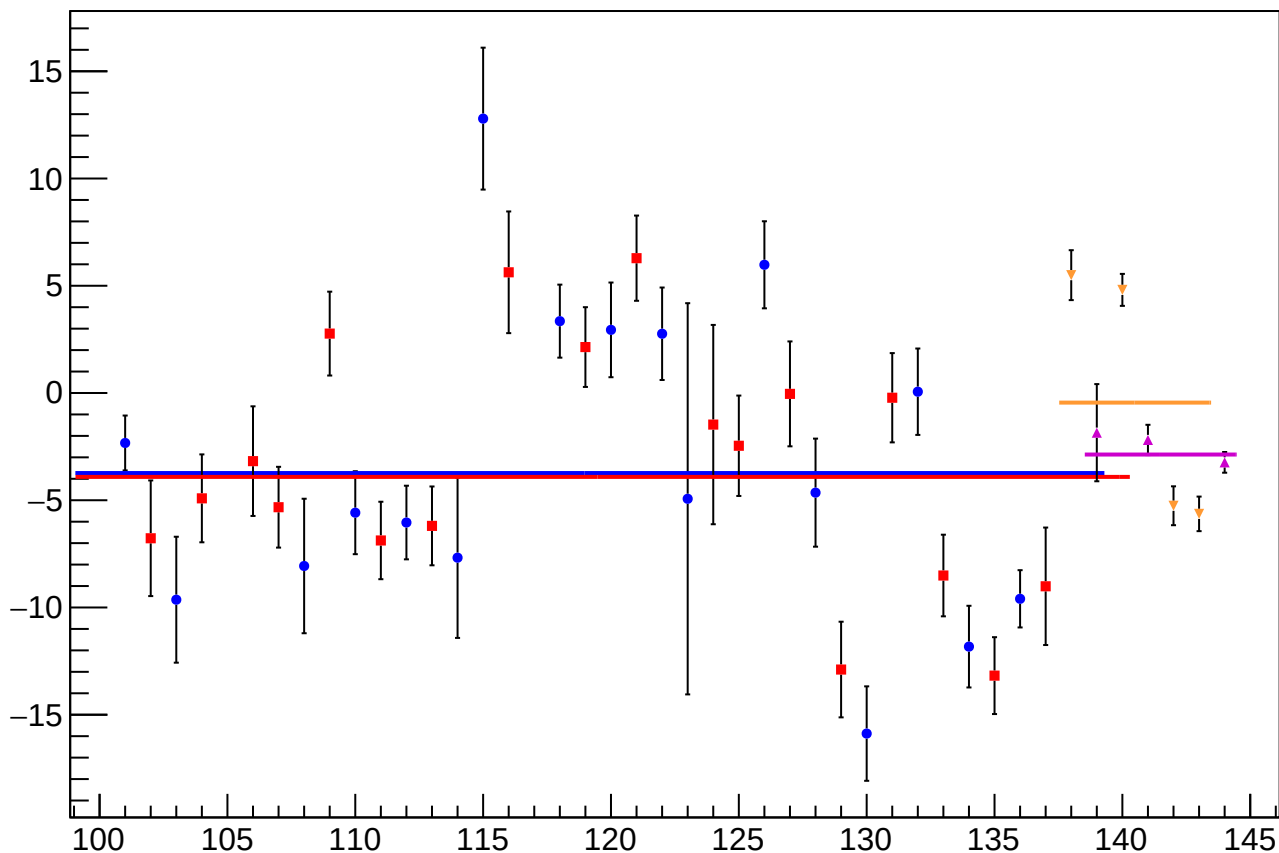
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.573+/-0.511 χ^2/NDF :138.2/2

Out: -50.251+/-0.574 χ^2/NDF :223.2/3

All: -40.386+/-0.382 χ^2/NDF : 890.4/6

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -0.448 ± 0.435 χ^2/NDF : 145.4/3

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: -1.782 ± 0.291 χ^2/NDF : 164.2/6

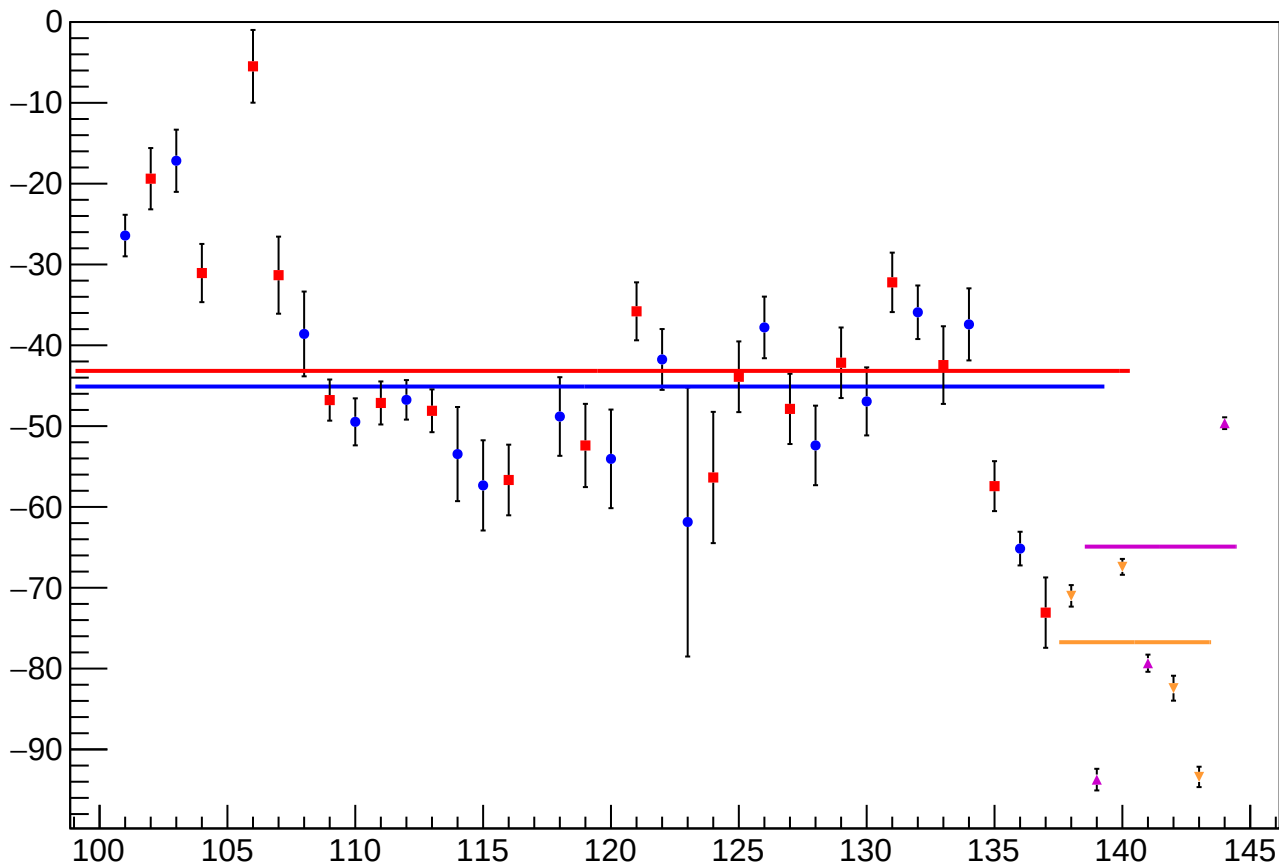
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -3.201 ± 0.308 χ^2/NDF : 169.4/19

Out: -1.915 ± 0.330 χ^2/NDF : 297.1/21

All: -2.603 ± 0.225 χ^2/NDF : 474.6/41

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -76.737 ± 0.614 χ^2/NDF : 297.2/3

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: -70.144 ± 0.409 χ^2/NDF : 1594.4/6

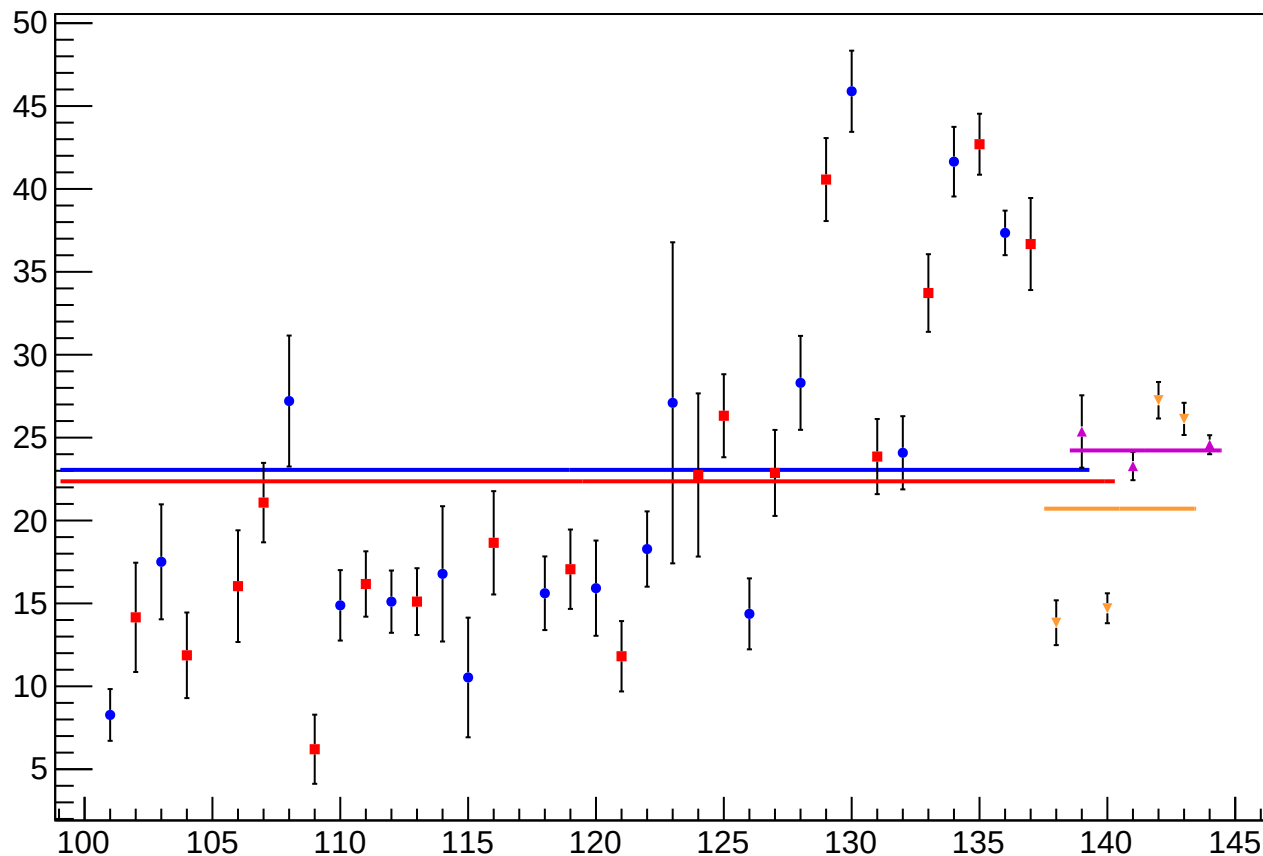
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -59.409 ± 0.465 χ^2/NDF : 1684.9/19

Out: -65.725 ± 0.504 χ^2/NDF : 1509.9/21

All: -62.317 ± 0.342 χ^2/NDF : 3279.7/41

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: 20.715 $\pm$ 0.523 χ^2 /NDF:136.5/3

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: 22.677 $\pm$ 0.347 χ^2 /NDF: 163.6/6

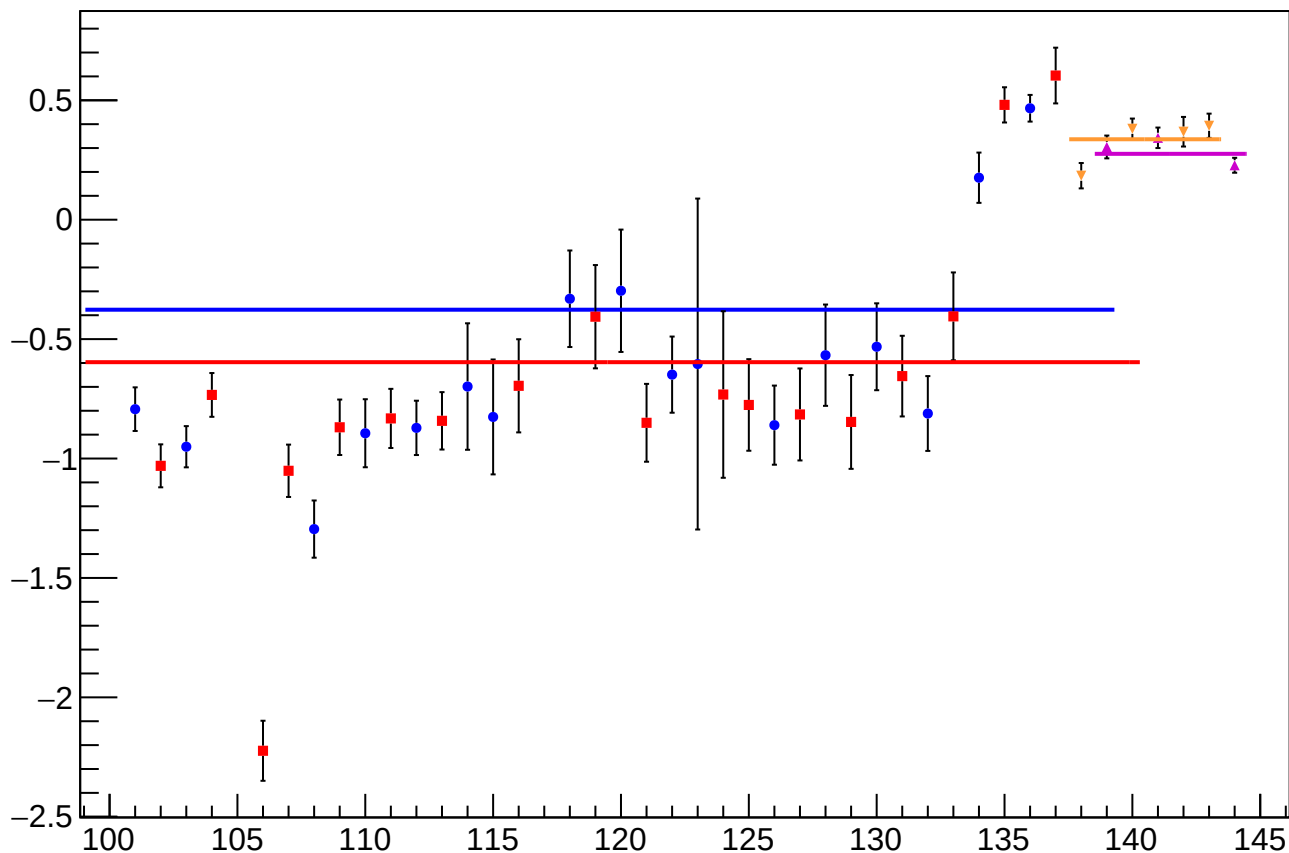
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 23.746 $\pm$ 0.357 χ^2 /NDF:465.6/19

Out: 21.465 $\pm$ 0.386 χ^2 /NDF:509.8/21

All: 22.696 $\pm$ 0.262 χ^2 /NDF: 994.3/41

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.337 ± 0.025 χ^2/NDF : 10.8/3

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.276 ± 0.022 χ^2/NDF : 5.2/2

Left: 0.302 ± 0.017 χ^2/NDF : 19.2/6

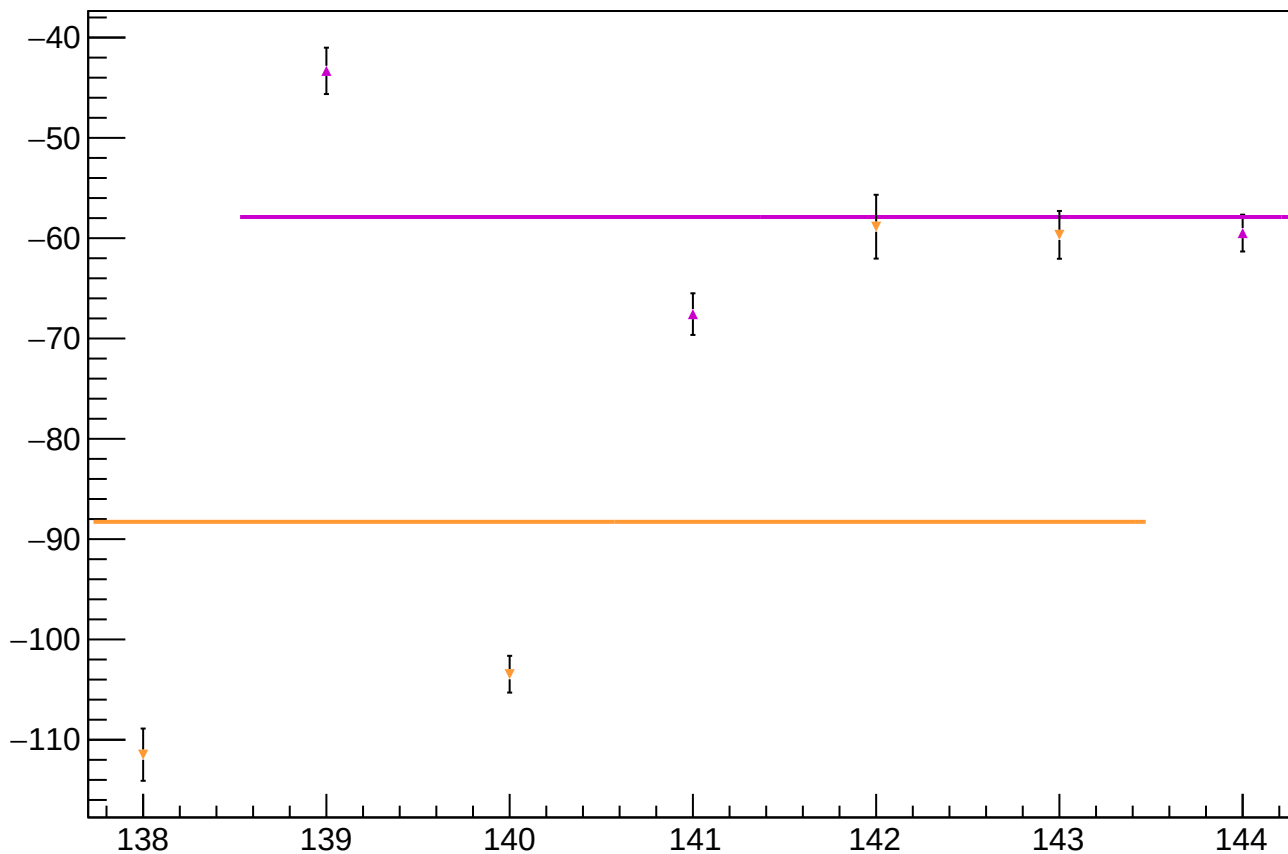
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.044 ± 0.018 χ^2/NDF : 745.8/19

Out: -0.050 ± 0.019 χ^2/NDF : 1120.2/21

All: 0.001 ± 0.013 χ^2/NDF : 1878.6/41

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -88.274+/-1.178 χ^2/NDF :377.8/3

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: -73.121+/-0.834 χ^2/NDF : 771.6/6

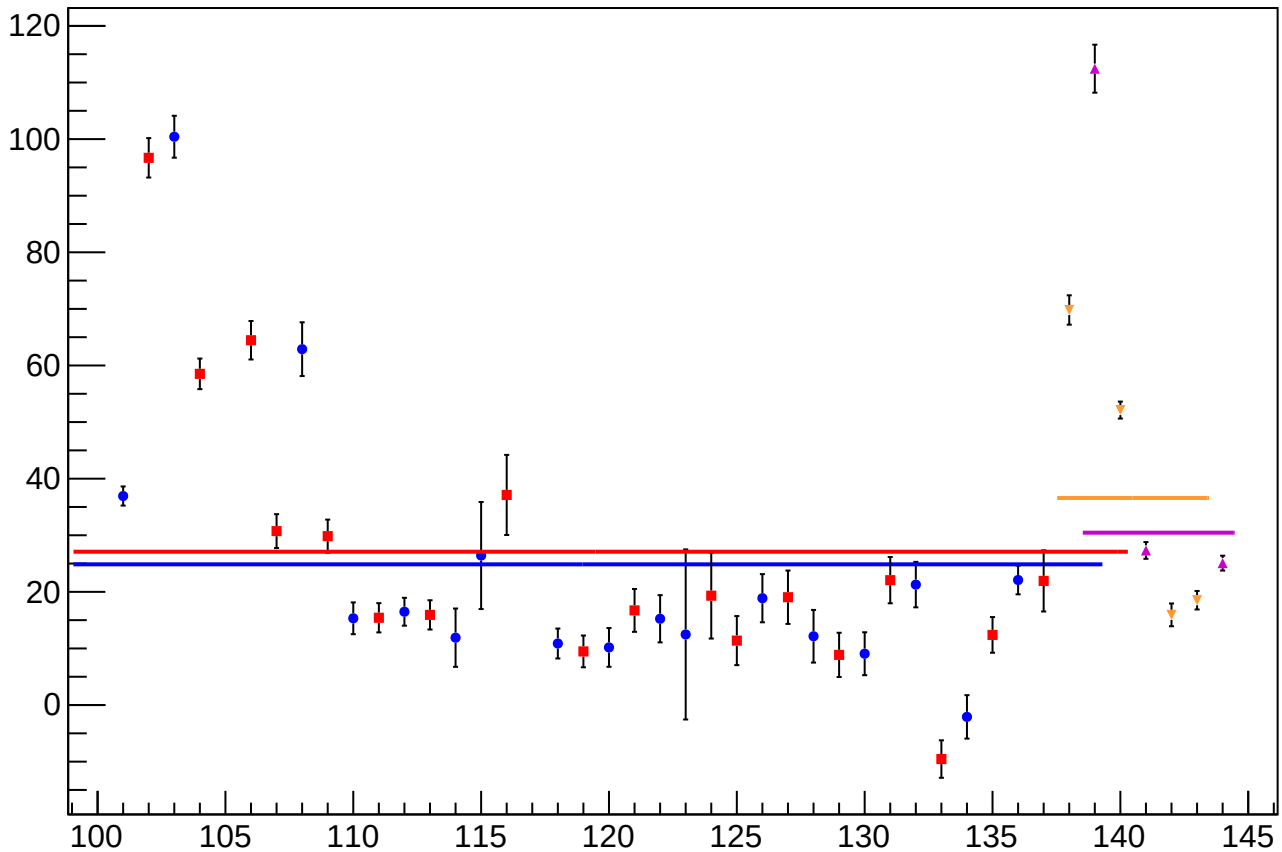
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.888+/-1.181 χ^2/NDF :62.2/2

Out: -88.274+/-1.178 χ^2/NDF :377.8/3

All: -73.121+/-0.834 χ^2/NDF : 771.6/6

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863+/-0.802 χ^2/NDF : 691.0/16

Left Out: 36.588+/-0.907 χ^2/NDF : 498.8/3

Right Out: 27.093+/-0.812 χ^2/NDF : 930.9/17

Left In: 30.458+/-0.956 χ^2/NDF : 394.8/2

Left: 33.684+/-0.658 χ^2/NDF : 915.2/6

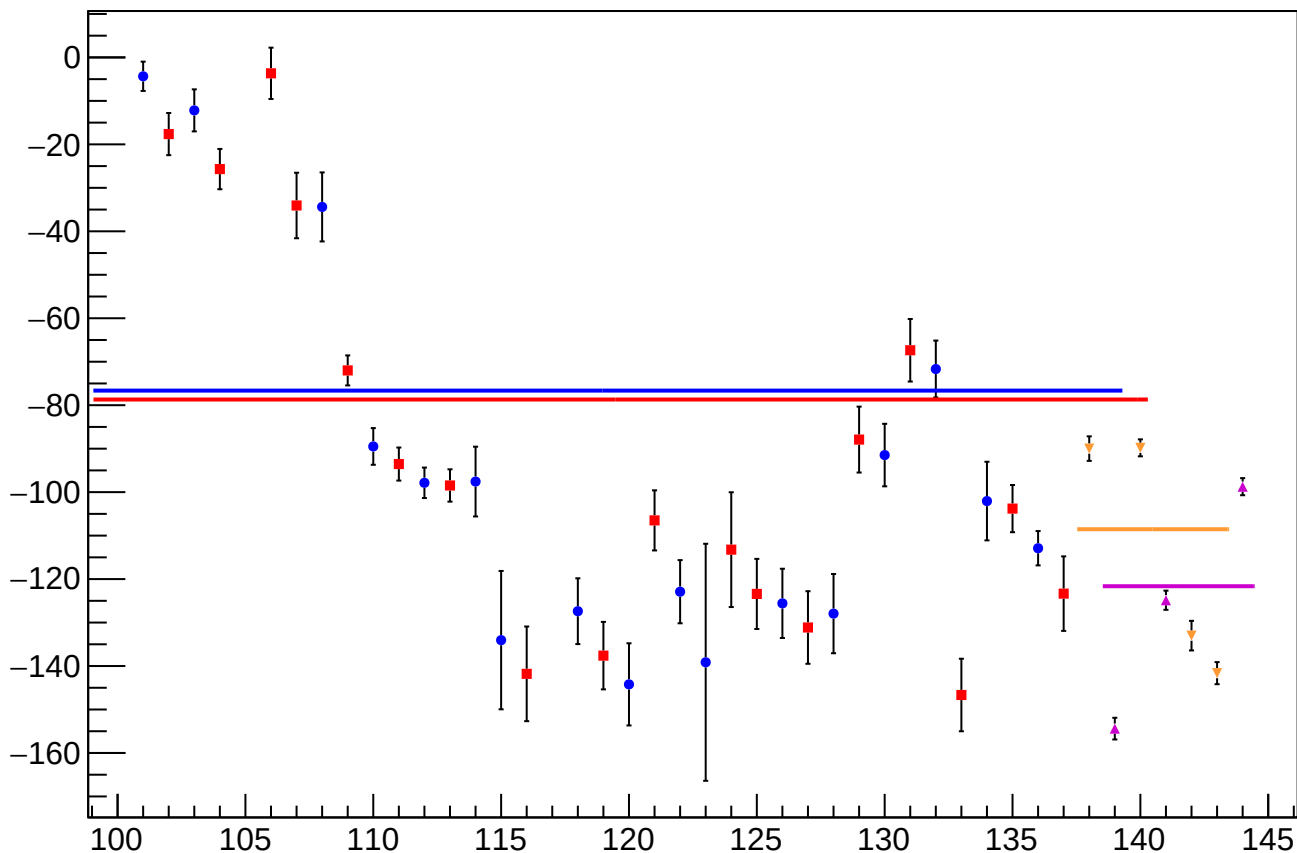
Right: 25.964+/-0.570 χ^2/NDF : 1625.8/34

In: 27.172+/-0.615 χ^2/NDF : 1105.9/19

Out: 31.313+/-0.605 χ^2/NDF : 1490.6/21

All: 29.275+/-0.431 χ^2/NDF : 2619.5/41

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: -108.529 ± 1.261 $\chi^2/\text{NDF}: 356.5/3$

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: -115.062 ± 0.893 $\chi^2/\text{NDF}: 720.3/6$

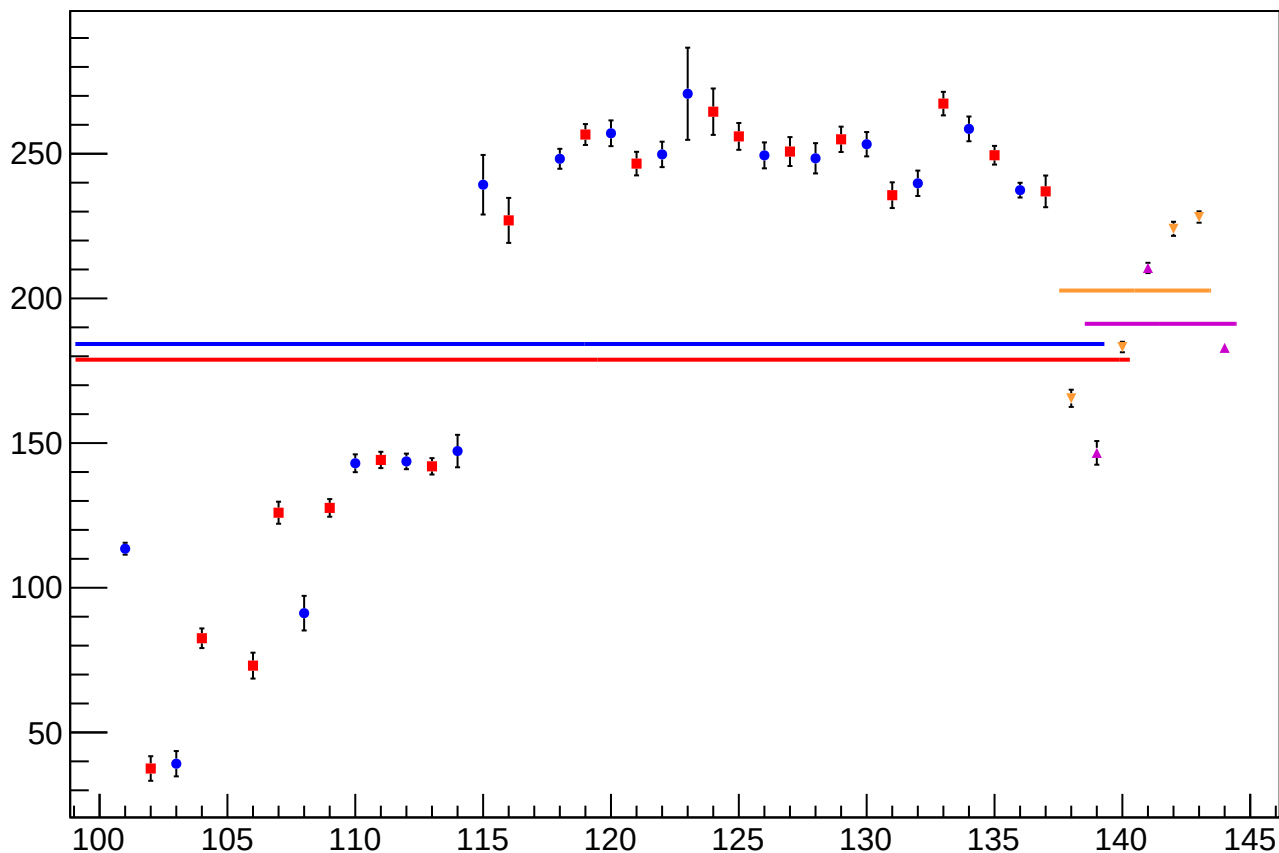
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -101.641 ± 0.943 $\chi^2/\text{NDF}: 1912.7/19$

Out: -94.737 ± 0.925 $\chi^2/\text{NDF}: 1451.8/21$

All: -98.120 ± 0.660 $\chi^2/\text{NDF}: 3391.8/41$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246+/-0.915 χ^2/NDF : 5388.6/16

Left Out: 202.722+/-1.087 χ^2/NDF : 517.3/3

Right Out: 178.822+/-0.926 χ^2/NDF : 6171.0/17

Left In: 191.226+/-1.125 χ^2/NDF : 265.4/2

Left: 197.170+/-0.782 χ^2/NDF : 836.7/6

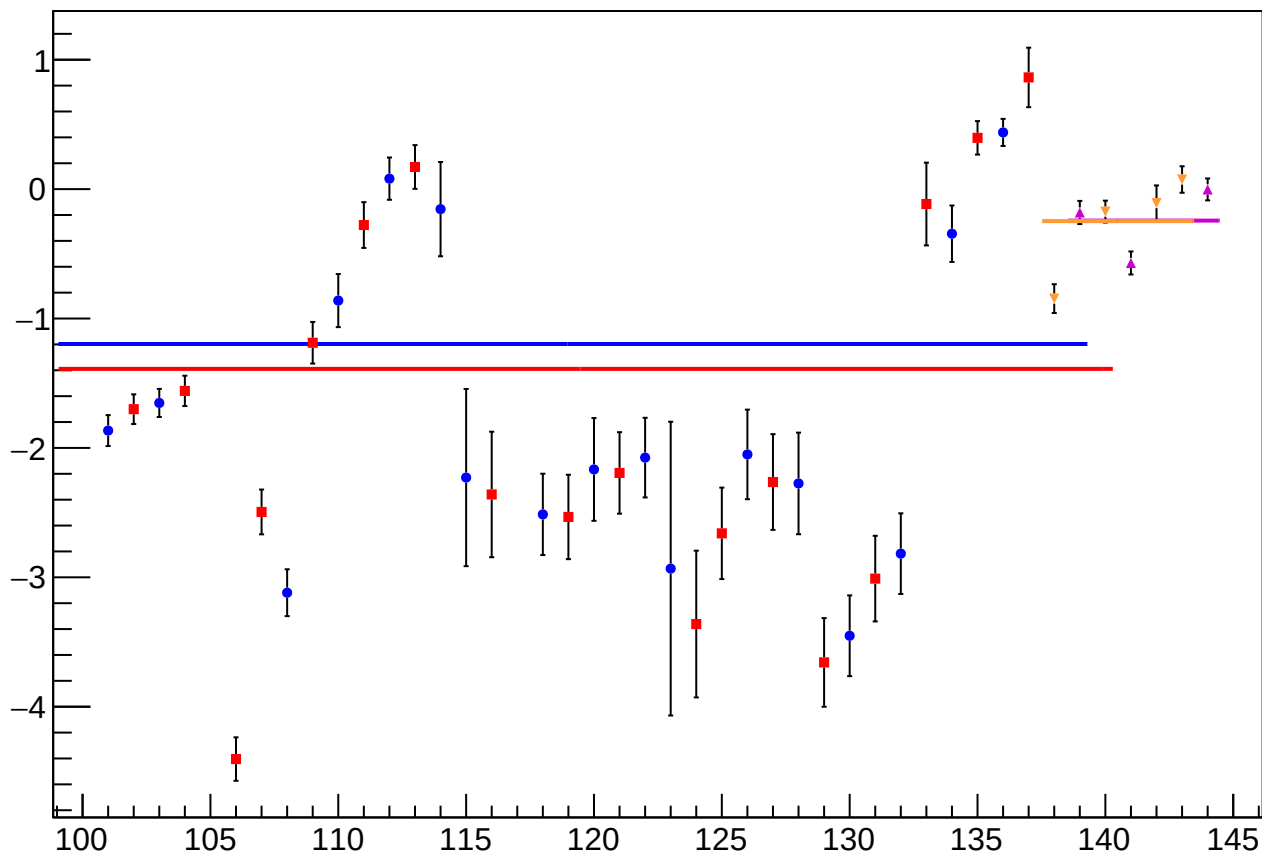
Right: 181.565+/-0.651 χ^2/NDF : 11576.9/34

In: 187.026+/-0.710 χ^2/NDF : 5677.1/19

Out: 188.867+/-0.705 χ^2/NDF : 6968.4/21

All: 187.953+/-0.500 χ^2/NDF : 12648.9/41

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.247 ± 0.052 χ^2/NDF : 40.7/3

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: -0.245 ± 0.036 χ^2/NDF : 62.8/6

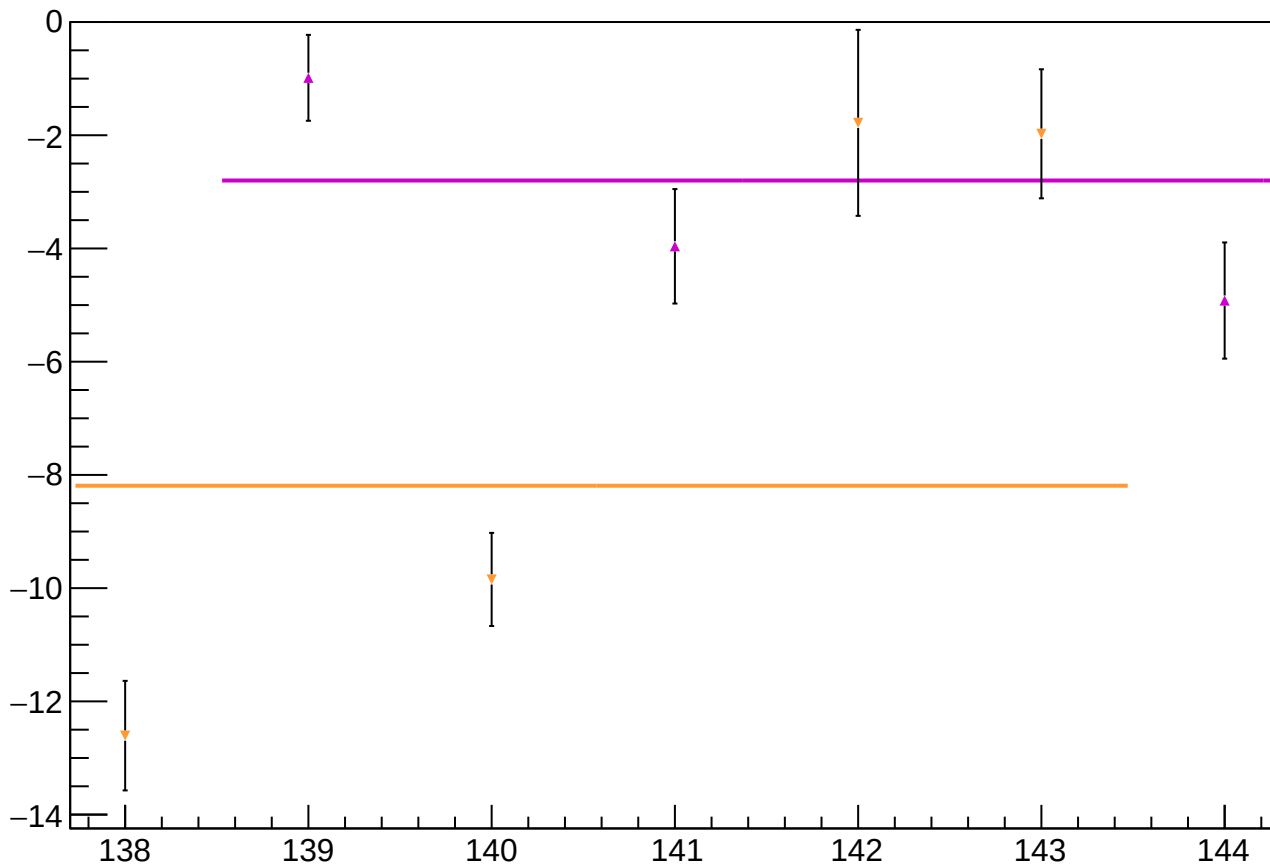
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.744 ± 0.035 χ^2/NDF : 830.0/19

Out: -0.887 ± 0.034 χ^2/NDF : 1233.0/21

All: -0.816 ± 0.025 χ^2/NDF : 2071.6/41

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.191+/-0.521 χ^2/NDF : 69.8/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.800+/-0.522 χ^2/NDF : 11.3/2

Left: -5.503+/-0.369 χ^2/NDF : 134.5/6

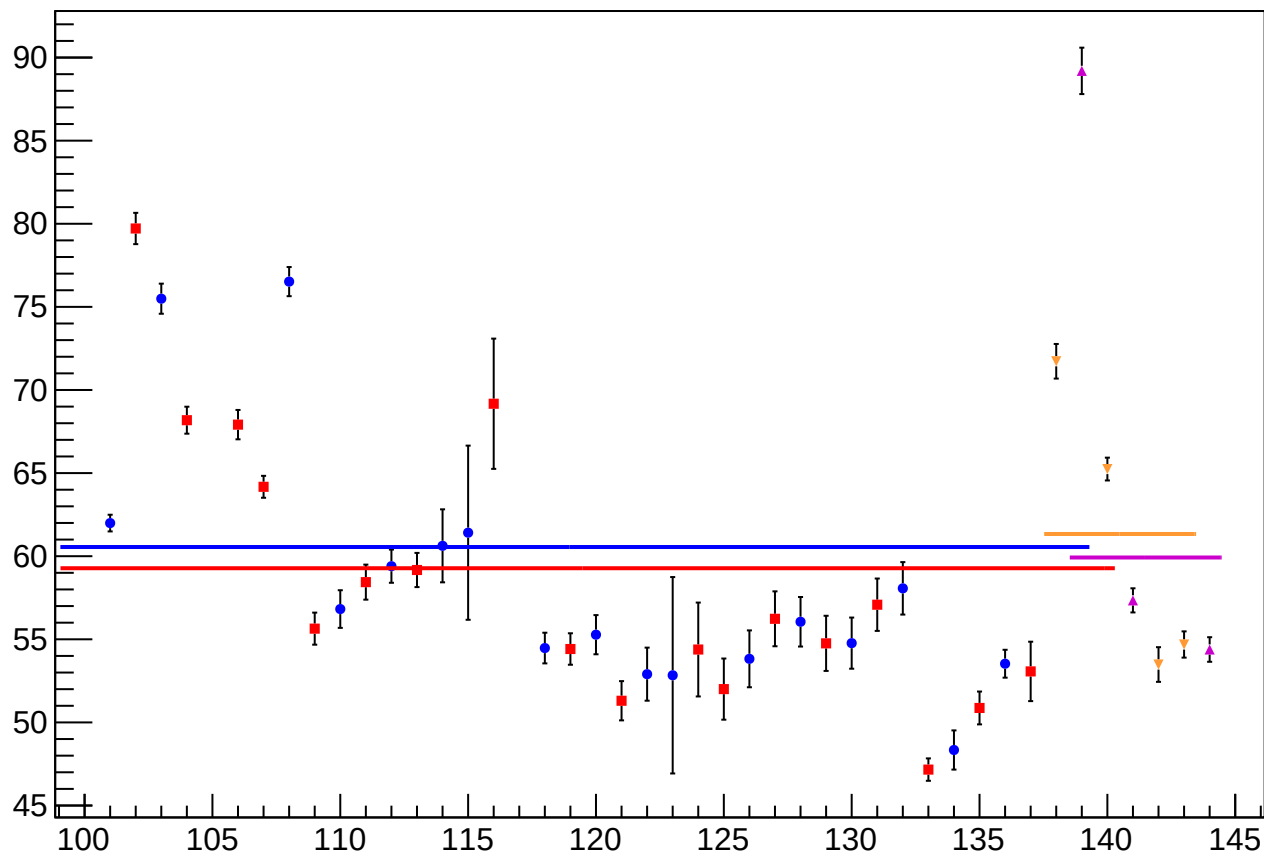
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.800+/-0.522 χ^2/NDF : 11.3/2

Out: -8.191+/-0.521 χ^2/NDF : 69.8/3

All: -5.503+/-0.369 χ^2/NDF : 134.5/6

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 61.336 $\pm$ 0.424 χ^2 /NDF: 259.5/3

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 59.922 $\pm$ 0.486 χ^2 /NDF: 508.4/2

Left: 60.725 $\pm$ 0.319 χ^2 /NDF: 772.8/6

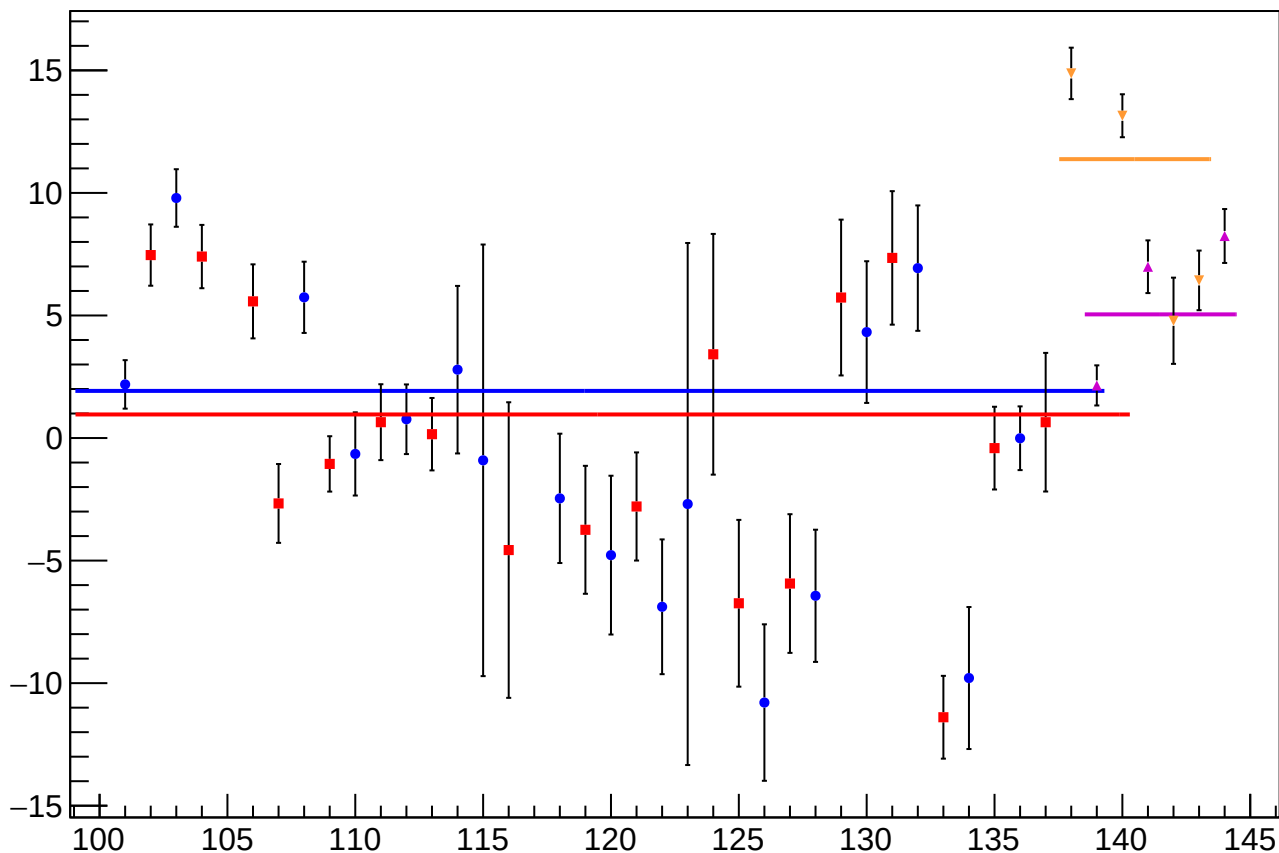
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 60.410 $\pm$ 0.230 χ^2 /NDF: 1440.7/19

Out: 59.805 $\pm$ 0.215 χ^2 /NDF: 1551.9/21

All: 60.086 $\pm$ 0.157 χ^2 /NDF: 2996.3/41

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923+/-0.458 χ^2/NDF : 121.1/16

Left Out: 11.378+/-0.558 χ^2/NDF : 45.8/3

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: 8.223+/-0.396 χ^2/NDF : 134.1/6

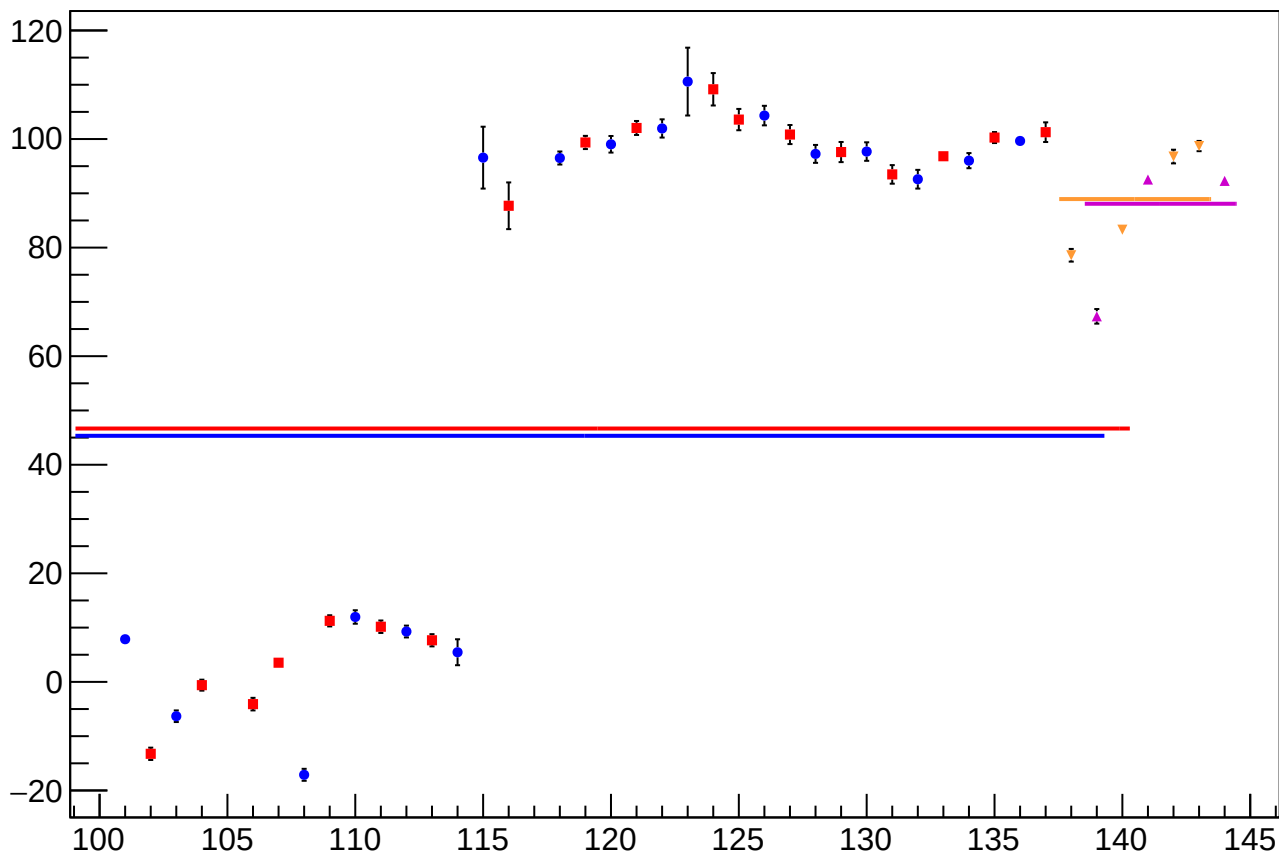
Right: 1.411+/-0.313 χ^2/NDF : 273.5/34

In: 3.174+/-0.355 χ^2/NDF : 163.9/19

Out: 4.836+/-0.341 χ^2/NDF : 414.5/21

All: 4.039+/-0.246 χ^2/NDF : 589.8/41

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 88.942+/-0.503 χ^2/NDF :270.7/3

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: 88.555+/-0.374 χ^2/NDF : 558.8/6

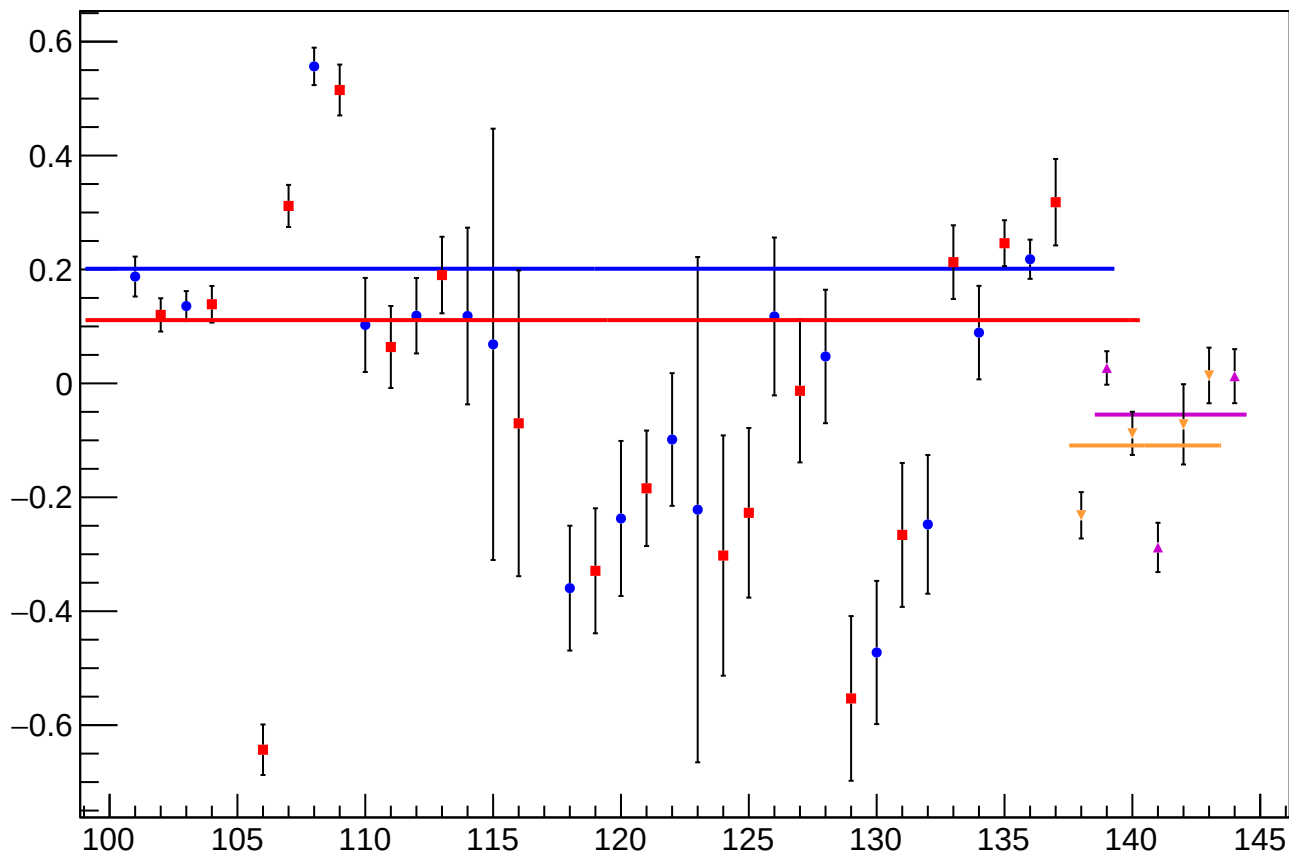
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 55.033+/-0.267 χ^2/NDF :29793.1/19

Out: 57.257+/-0.252 χ^2/NDF :33459.1/21

All: 56.210+/-0.183 χ^2/NDF : 63288.9/41

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.109 ± 0.023 χ^2/NDF : 16.0/3

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: -0.080 ± 0.016 χ^2/NDF : 57.8/6

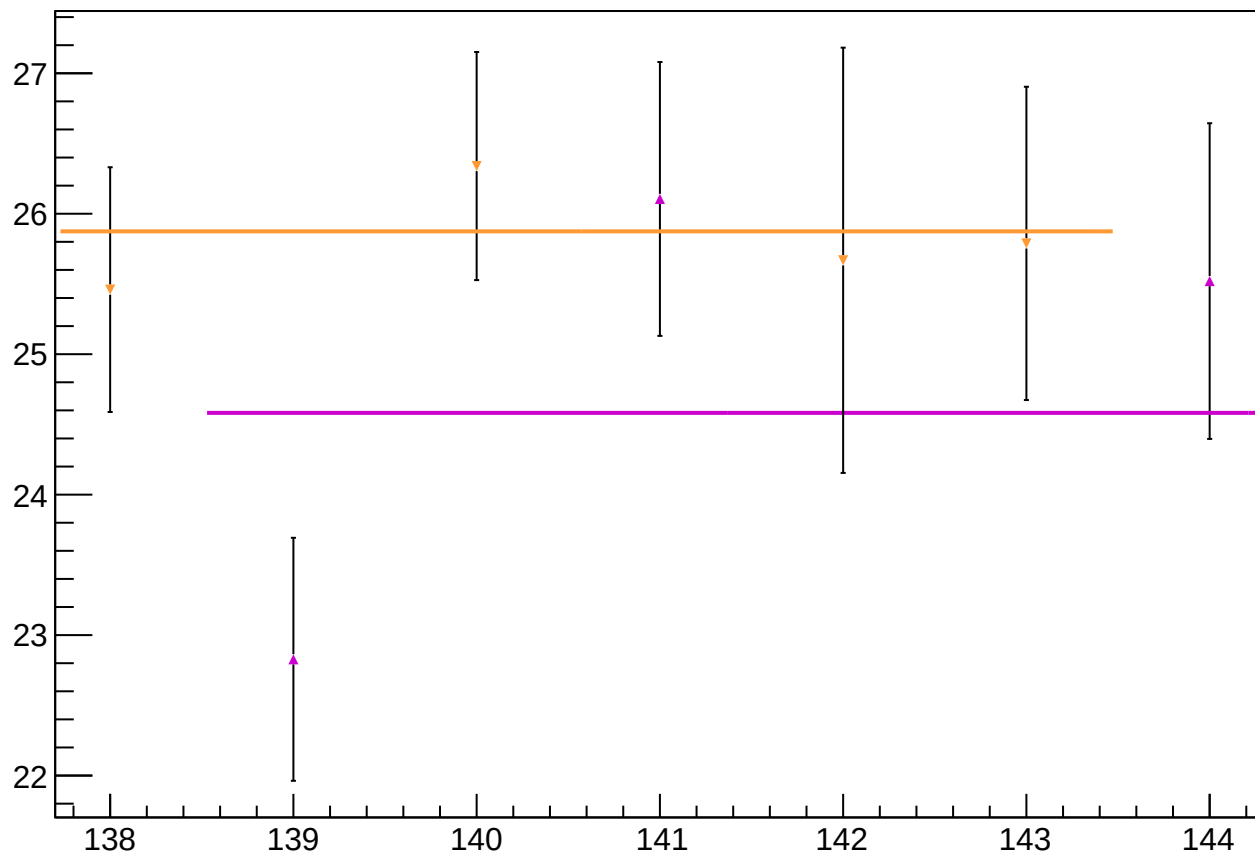
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.125 ± 0.012 χ^2/NDF : 354.6/19

Out: 0.056 ± 0.011 χ^2/NDF : 575.3/21

All: 0.090 ± 0.008 χ^2/NDF : 947.8/41

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.874 $\pm$ 0.495 χ^2 /NDF:0.6/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 24.582 $\pm$ 0.561 χ^2 /NDF:7.3/2

Left: 25.308 $\pm$ 0.371 χ^2 /NDF: 10.8/6

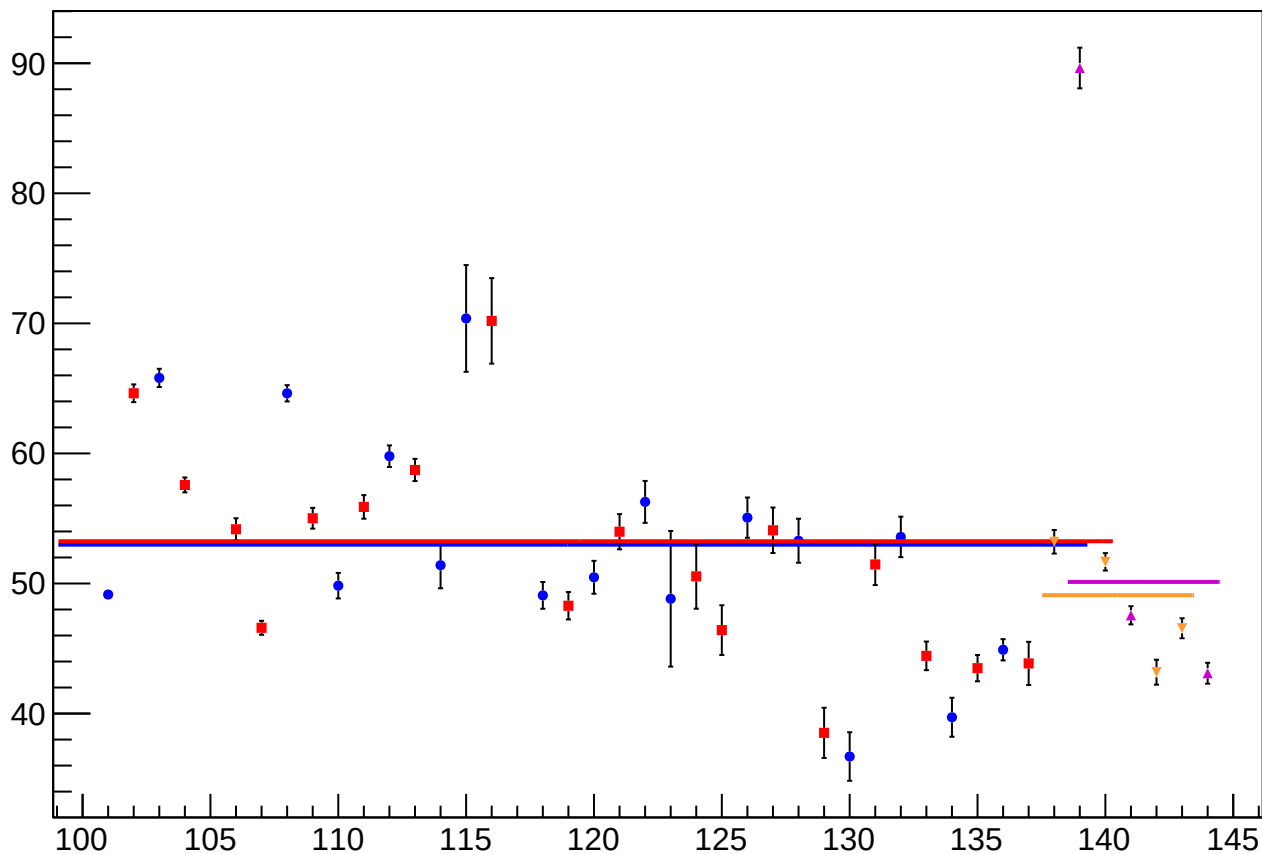
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.582 $\pm$ 0.561 χ^2 /NDF:7.3/2

Out: 25.874 $\pm$ 0.495 χ^2 /NDF:0.6/3

All: 25.308 $\pm$ 0.371 χ^2 /NDF: 10.8/6

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: 49.101 $\pm$ 0.401 χ^2 /NDF:84.4/3

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: 49.501 $\pm$ 0.312 χ^2 /NDF: 815.9/6

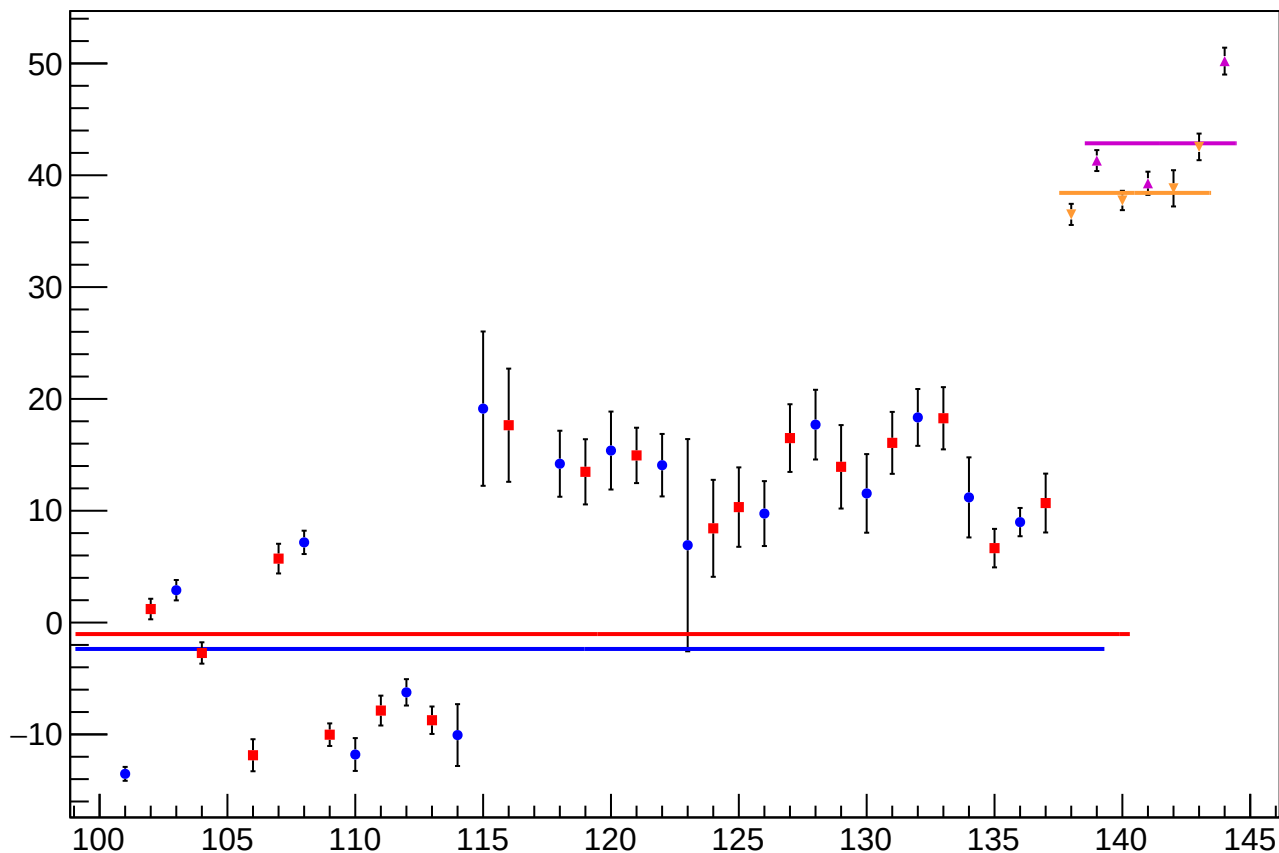
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 52.553 $\pm$ 0.194 χ^2 /NDF:1954.9/19

Out: 52.237 $\pm$ 0.198 χ^2 /NDF:1021.8/21

All: 52.398 $\pm$ 0.138 χ^2 /NDF: 2978.0/41

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 38.424 ± 0.531 χ^2/NDF : 16.8/3

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 42.858 ± 0.602 χ^2/NDF : 52.0/2

Left: 40.367 ± 0.398 χ^2/NDF : 99.3/6

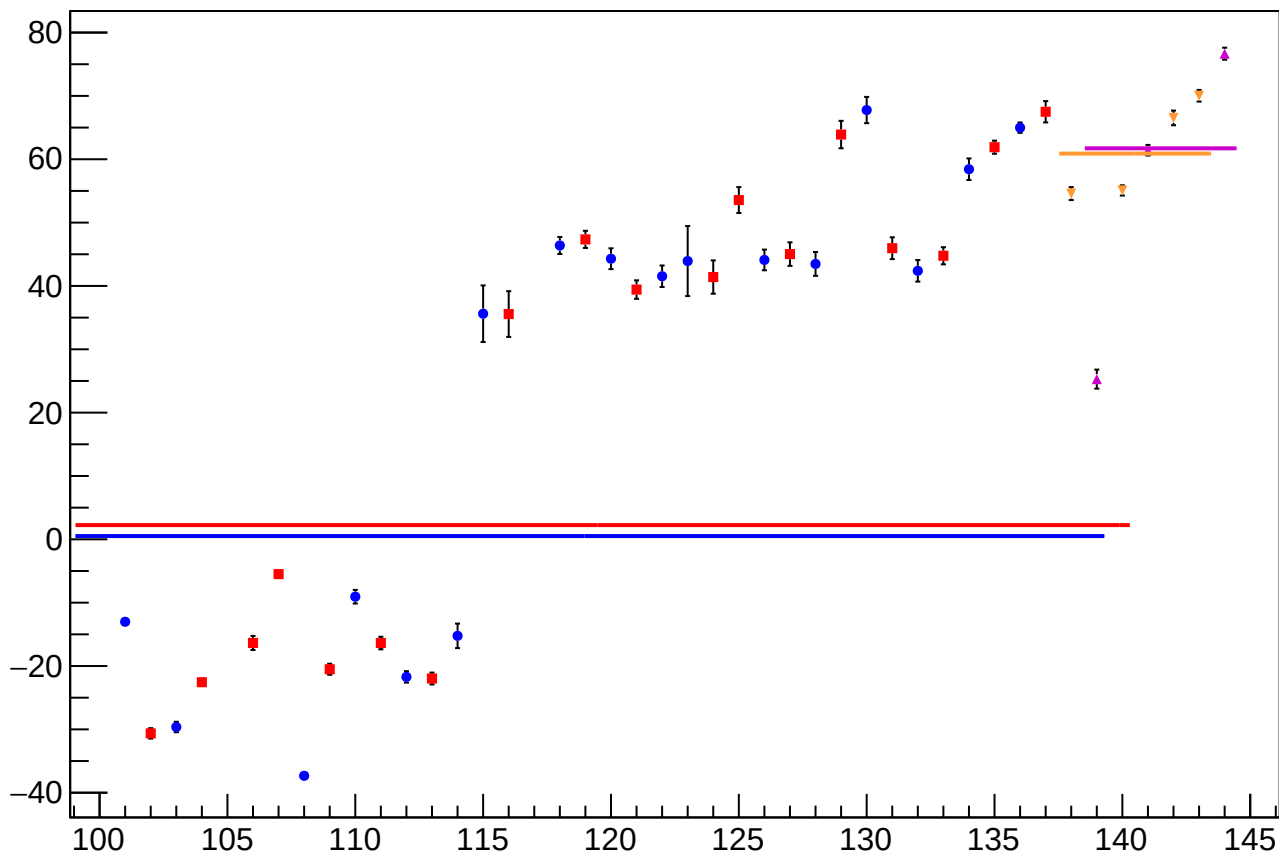
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 9.766 ± 0.312 χ^2/NDF : 5024.9/19

Out: 12.339 ± 0.309 χ^2/NDF : 4171.9/21

All: 11.062 ± 0.219 χ^2/NDF : 9231.2/41

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 60.895 ± 0.476 χ^2/NDF : 211.4/3

Right Out: 2.246 ± 0.267 χ^2/NDF : 15377.0/17

Left In: 61.724 ± 0.580 χ^2/NDF : 832.5/2

Left: 61.229 ± 0.368 χ^2/NDF : 1045.2/6

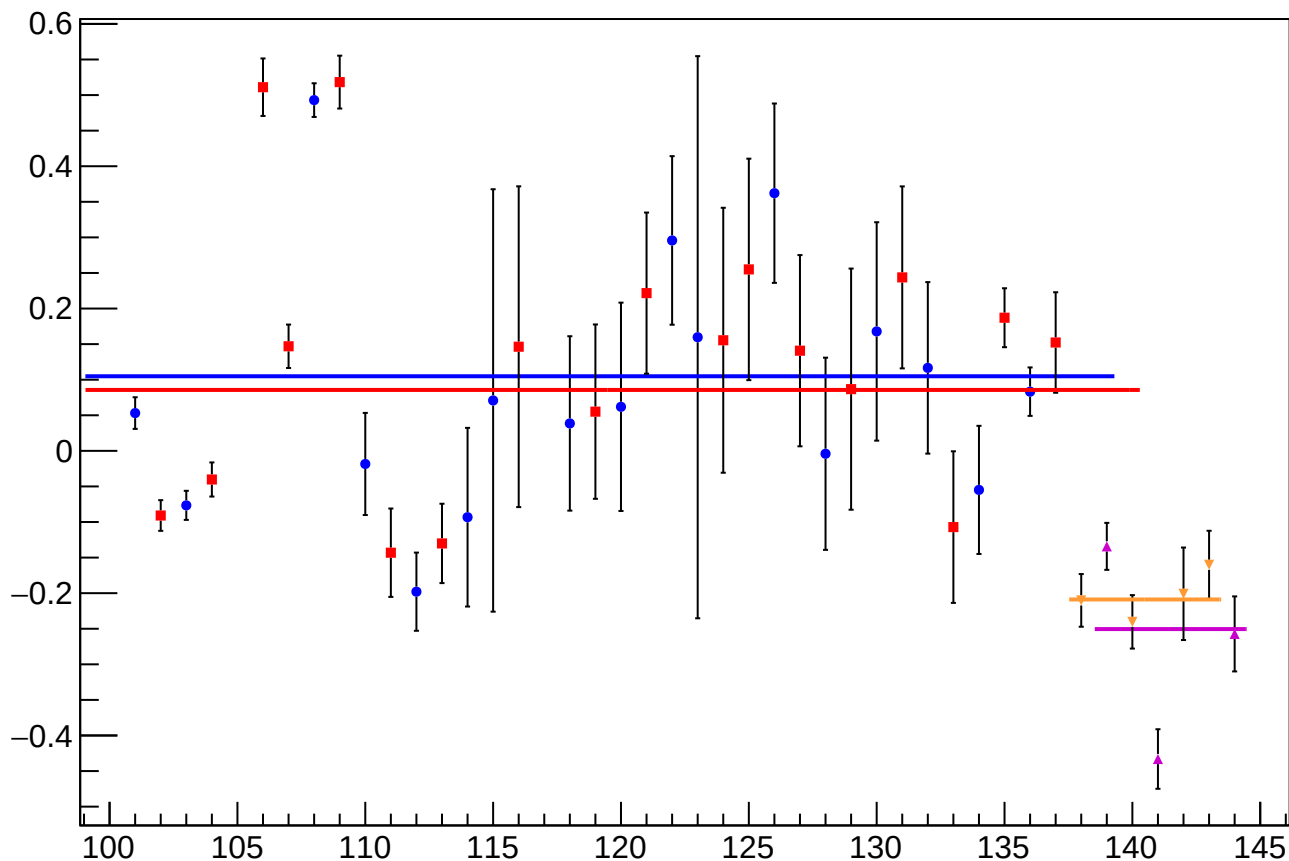
Right: 1.313 ± 0.181 χ^2/NDF : 33785.6/34

In: 9.900 ± 0.227 χ^2/NDF : 28636.2/19

Out: 16.294 ± 0.233 χ^2/NDF : 27110.4/21

All: 13.014 ± 0.163 χ^2/NDF : 56132.2/41

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: -0.209 ± 0.022 $\chi^2/\text{NDF}: 1.8/3$

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: -0.228 ± 0.016 $\chi^2/\text{NDF}: 34.9/6$

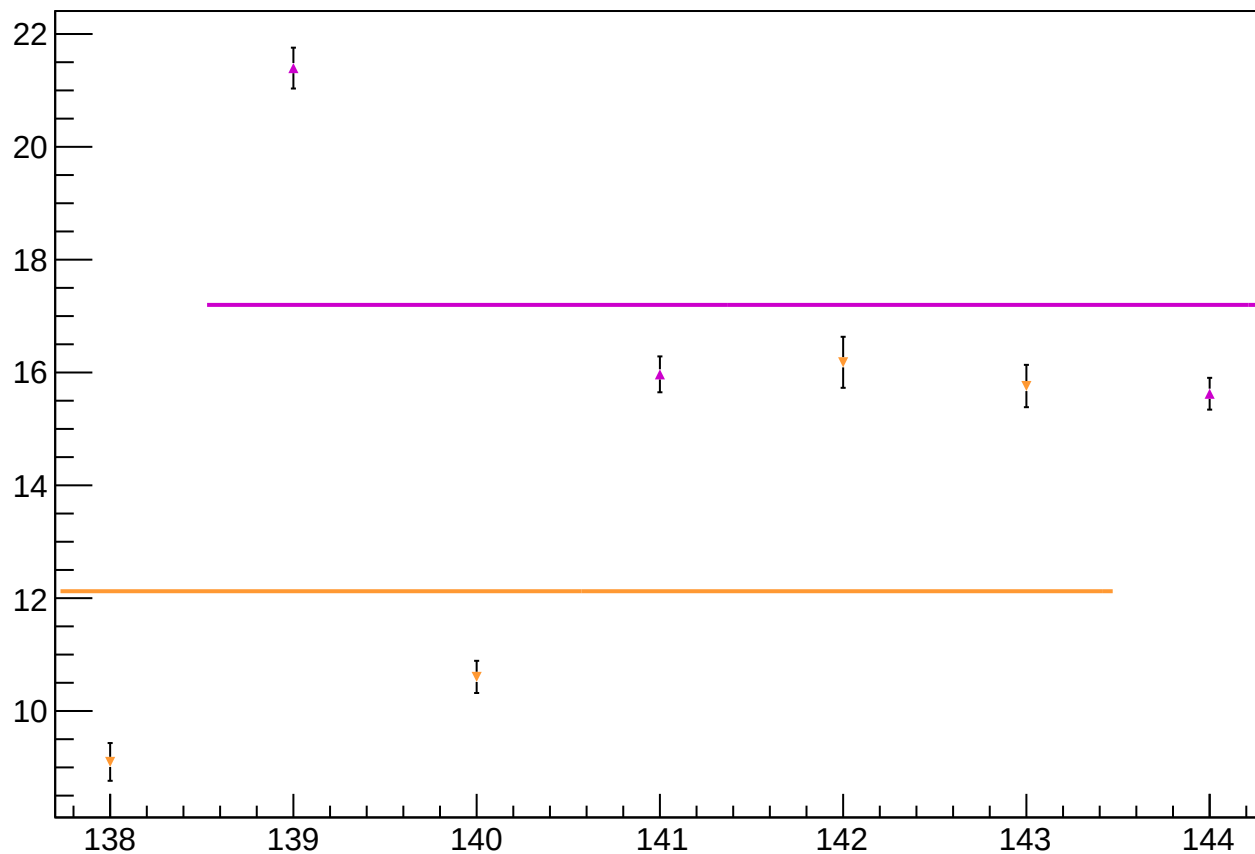
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: 0.040 ± 0.010 $\chi^2/\text{NDF}: 622.7/19$

Out: 0.025 ± 0.010 $\chi^2/\text{NDF}: 535.5/21$

All: 0.032 ± 0.007 $\chi^2/\text{NDF}: 1159.3/41$

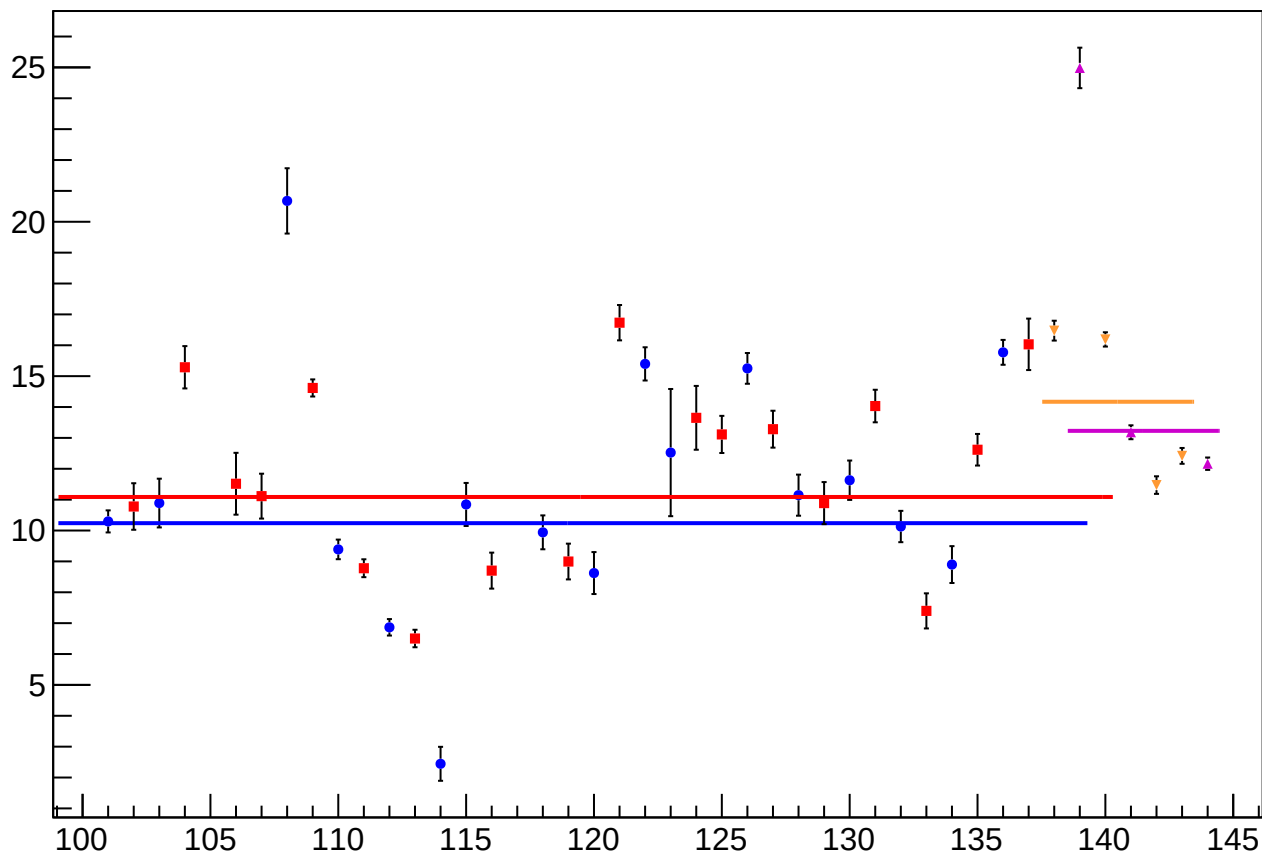
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 12.123+/-0.174 χ^2/NDF :284.5/3
 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: 14.537+/-0.126 χ^2/NDF : 872.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.198+/-0.182 χ^2/NDF :180.6/2
 Out: 12.123+/-0.174 χ^2/NDF :284.5/3
 All: 14.537+/-0.126 χ^2/NDF : 872.0/6

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 14.171+/-0.134 χ^2/NDF : 263.9/3

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 13.228+/-0.146 χ^2/NDF : 349.3/2

Left: 13.741+/-0.099 χ^2/NDF : 635.9/6

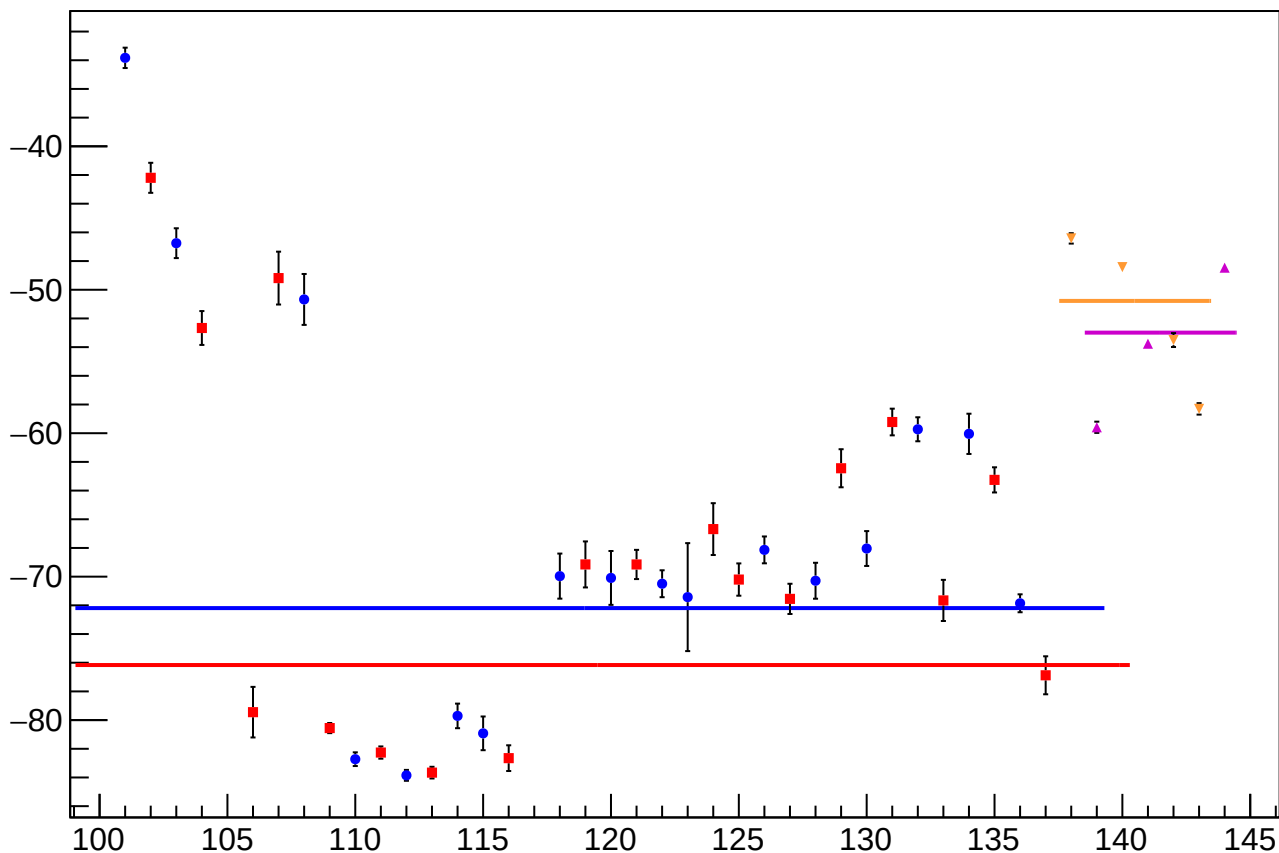
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 11.433+/-0.092 χ^2/NDF : 1468.3/19

Out: 12.416+/-0.088 χ^2/NDF : 1367.3/21

All: 11.949+/-0.064 χ^2/NDF : 2895.0/41

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -50.777 ± 0.186 $\chi^2/\text{NDF}: 590.2/3$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -52.989 ± 0.195 $\chi^2/\text{NDF}: 514.1/2$

Left: -51.829 ± 0.135 $\chi^2/\text{NDF}: 1171.6/6$

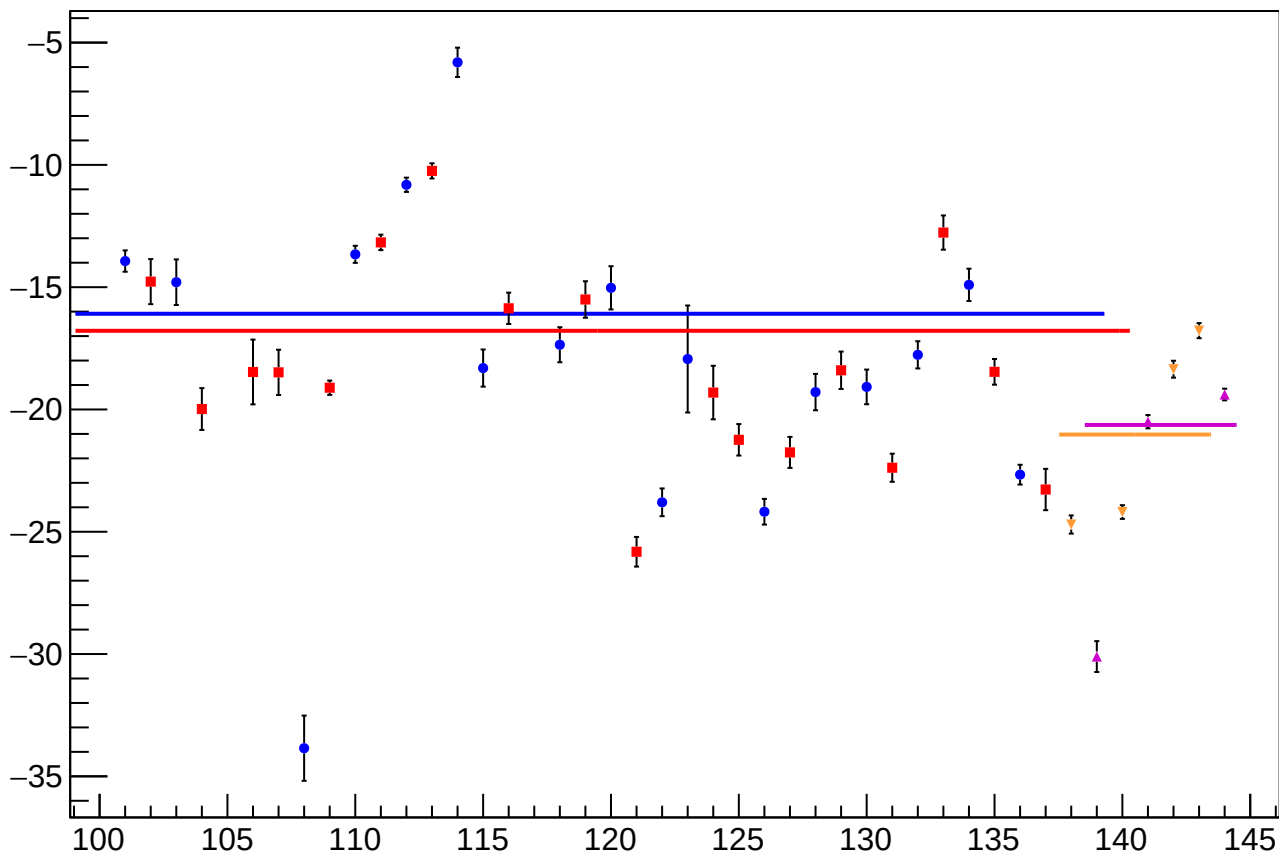
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -62.446 ± 0.139 $\chi^2/\text{NDF}: 10844.3/19$

Out: -63.788 ± 0.130 $\chi^2/\text{NDF}: 13376.1/21$

All: -63.163 ± 0.095 $\chi^2/\text{NDF}: 24270.2/41$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -21.026 ± 0.160 $\chi^2/\text{NDF}: 474.8/3$

Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$

Left In: -20.632 ± 0.172 $\chi^2/\text{NDF}: 252.3/2$

Left: -20.843 ± 0.117 $\chi^2/\text{NDF}: 729.8/6$

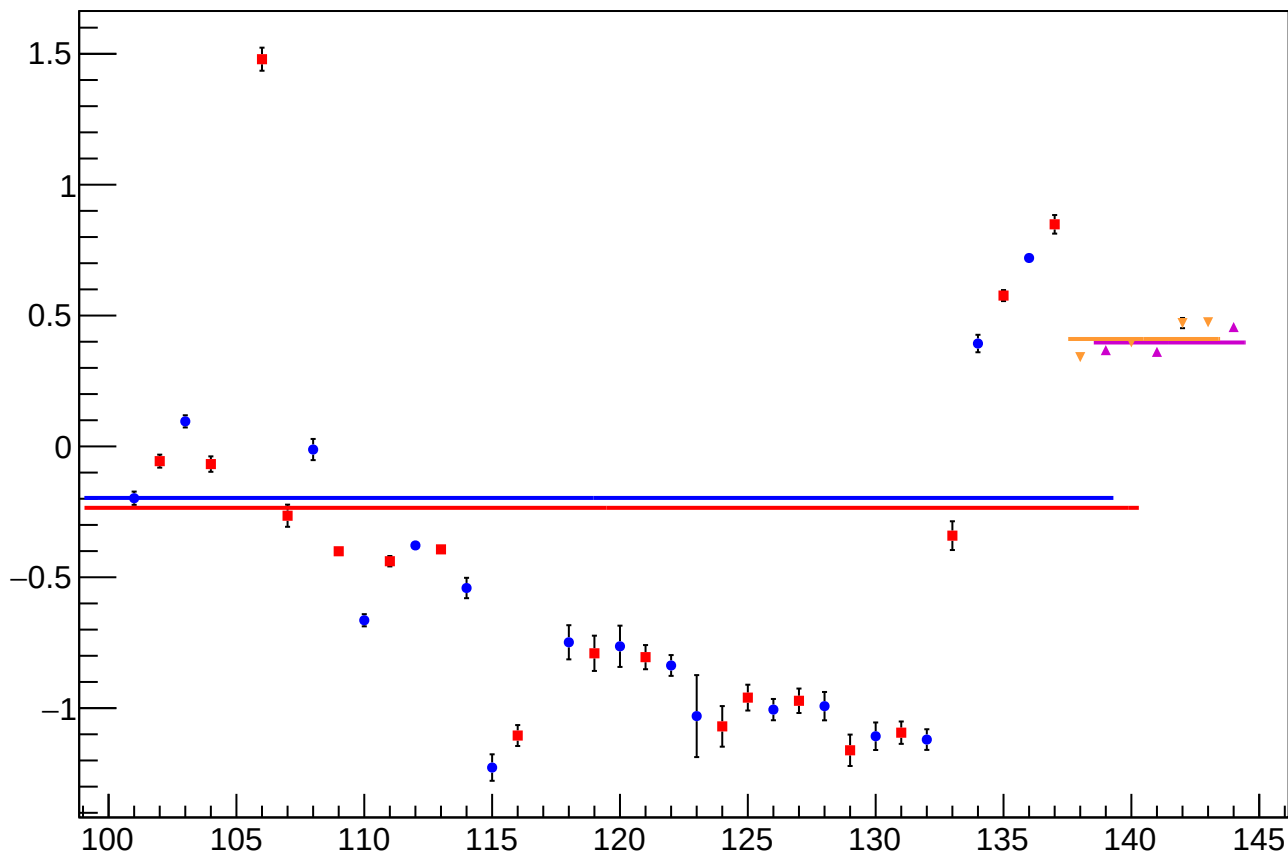
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -17.774 ± 0.105 $\chi^2/\text{NDF}: 2311.4/19$

Out: -18.436 ± 0.100 $\chi^2/\text{NDF}: 2105.7/21$

All: -18.121 ± 0.072 $\chi^2/\text{NDF}: 4437.9/41$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.410 ± 0.008 χ^2/NDF : 49.4/3

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: 0.404 ± 0.005 χ^2/NDF : 82.5/6

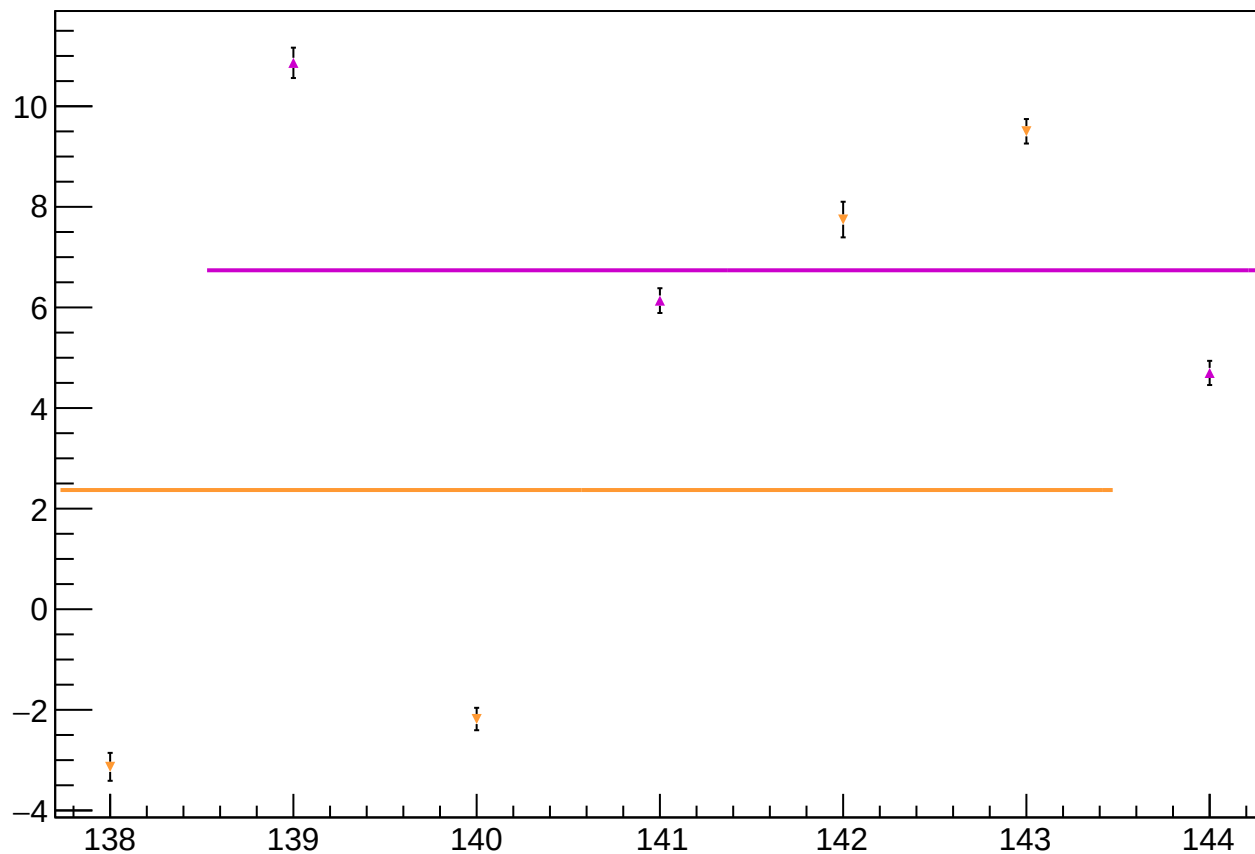
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.090 ± 0.005 χ^2/NDF : 9351.5/19

Out: 0.067 ± 0.005 χ^2/NDF : 10019.2/21

All: 0.078 ± 0.004 χ^2/NDF : 19380.0/41

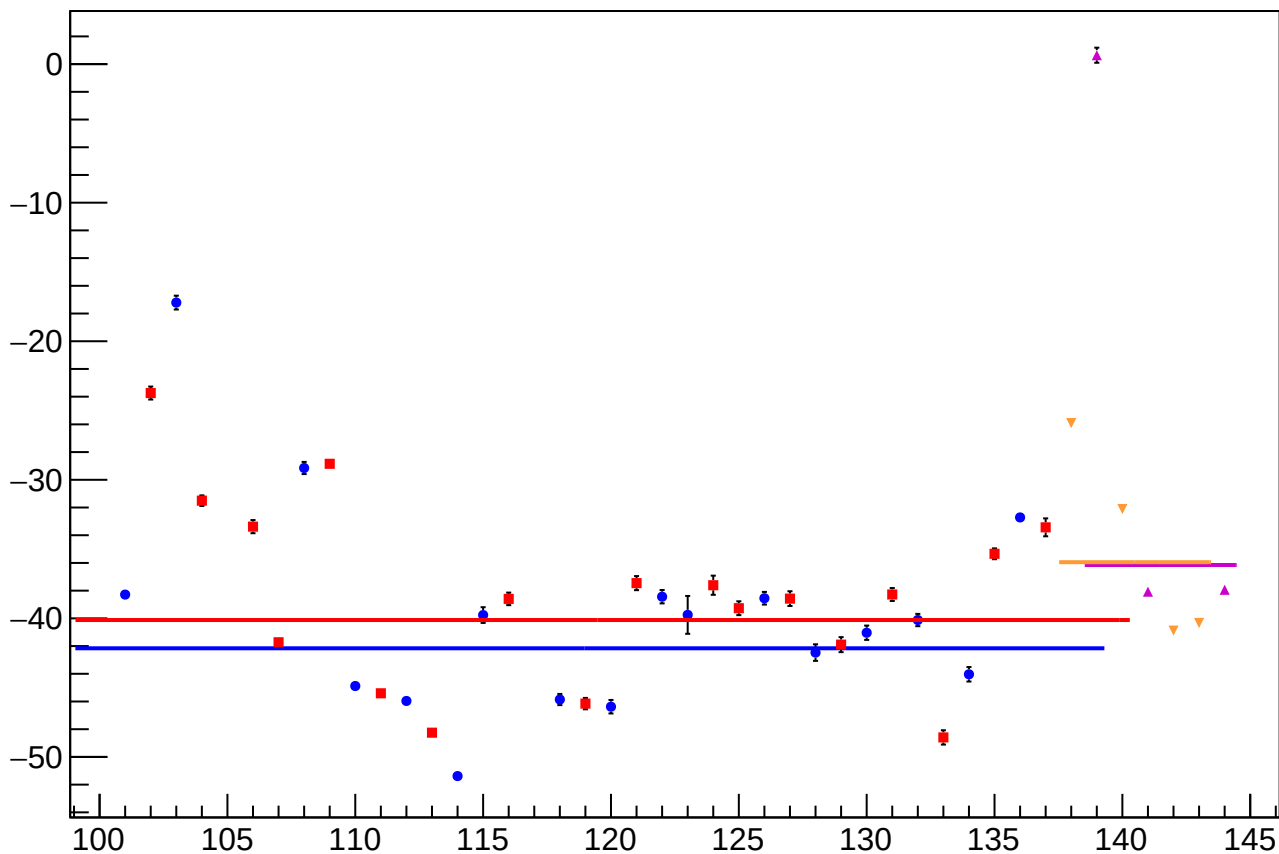
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.370+/-0.131 χ^2/NDF :1899.9/3
 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: 4.274+/-0.099 χ^2/NDF : 2647.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.739+/-0.149 χ^2/NDF :264.8/2
 Out: 2.370+/-0.131 χ^2/NDF :1899.9/3
 All: 4.274+/-0.099 χ^2/NDF : 2647.0/6

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -35.946 ± 0.100 $\chi^2/\text{NDF}: 3016.0/3$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -36.149 ± 0.119 $\chi^2/\text{NDF}: 4794.2/2$

Left: -36.030 ± 0.077 $\chi^2/\text{NDF}: 7811.9/6$

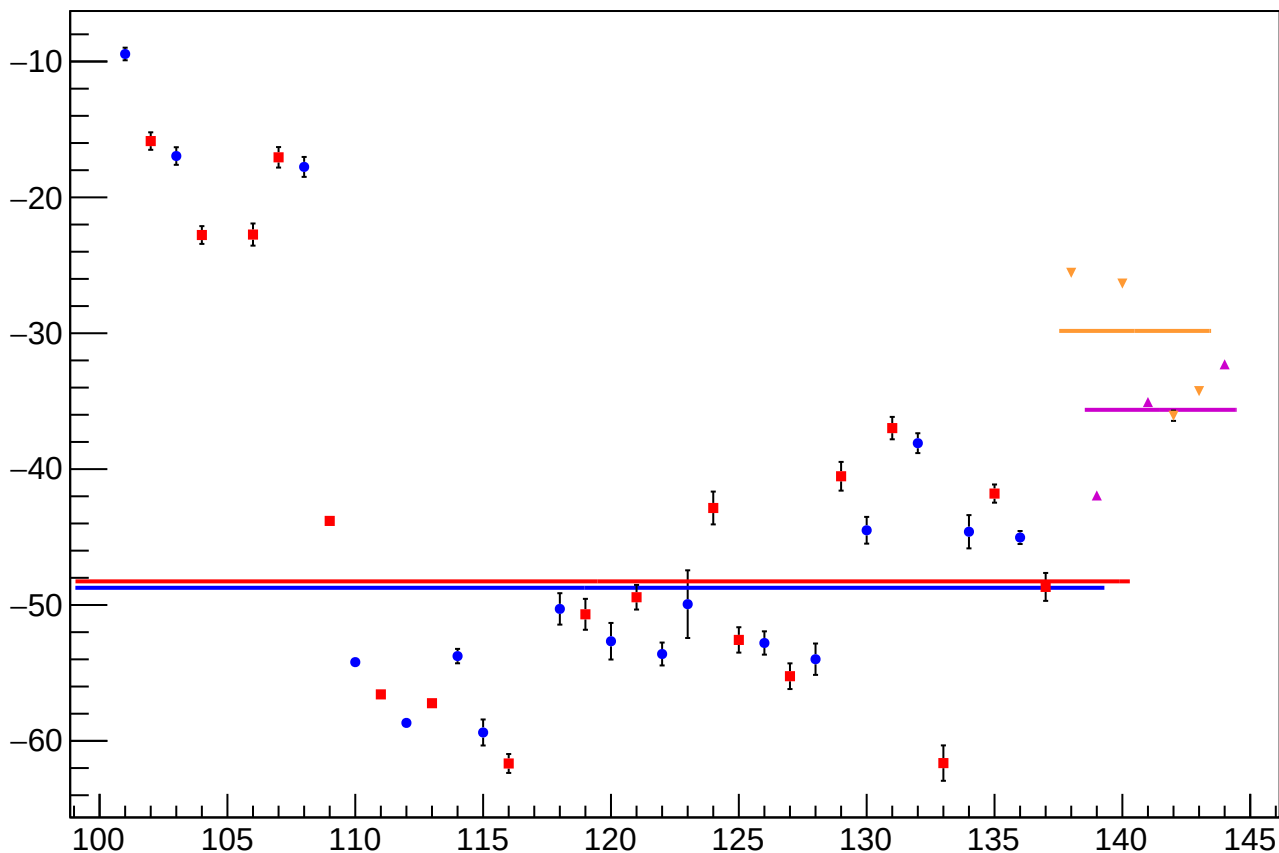
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.363 ± 0.065 $\chi^2/\text{NDF}: 13144.5/19$

Out: -38.672 ± 0.059 $\chi^2/\text{NDF}: 15039.0/21$

All: -39.431 ± 0.044 $\chi^2/\text{NDF}: 28553.7/41$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -29.828+/-0.141 χ^2/NDF : 980.4/3

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: -32.358+/-0.106 χ^2/NDF : 2270.4/6

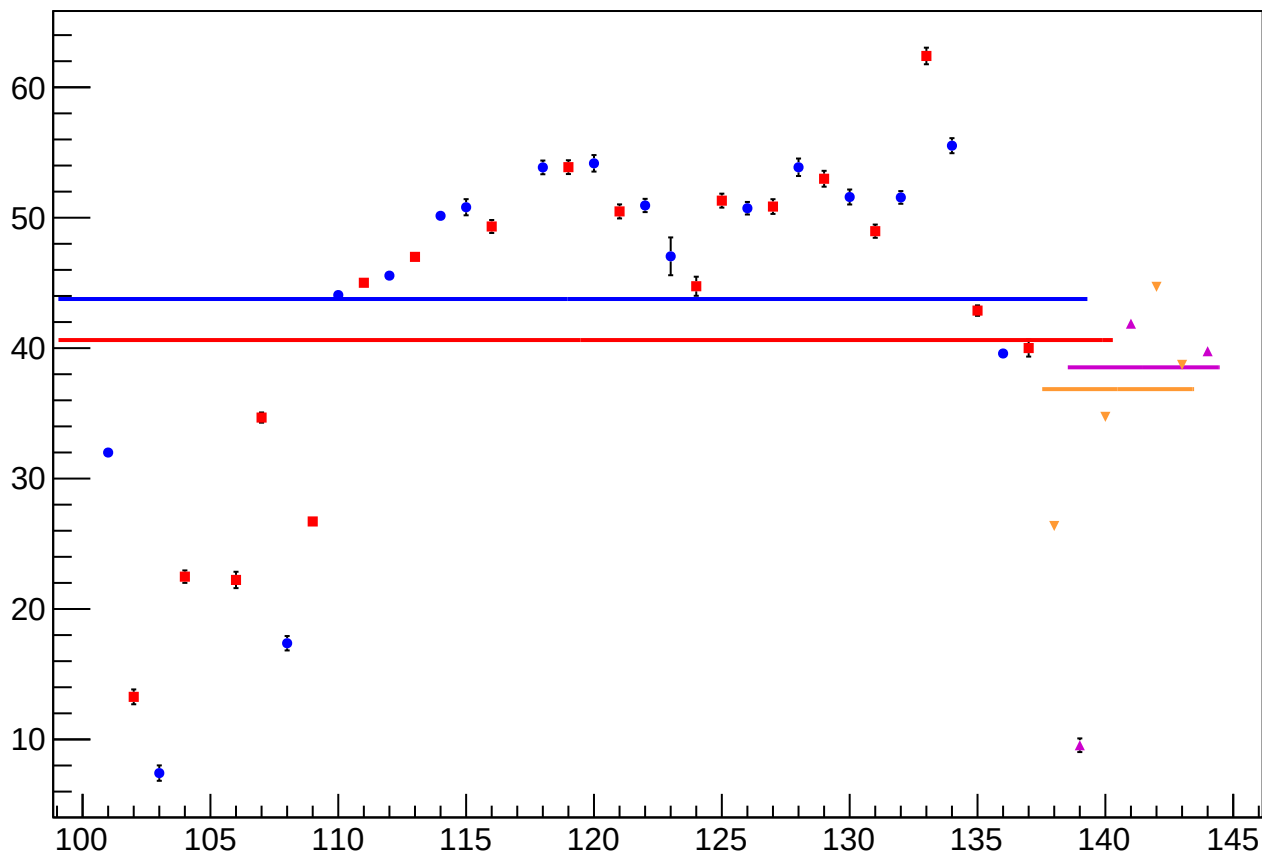
Right: -48.462+/-0.081 χ^2/NDF : 25759.4/34

In: -43.784+/-0.098 χ^2/NDF : 19375.1/19

Out: -41.462+/-0.085 χ^2/NDF : 22928.9/21

All: -42.460+/-0.064 χ^2/NDF : 42622.0/41

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: 36.857 $\pm$ 0.120 χ^2/NDF : 2159.2/3

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: 37.559 $\pm$ 0.091 χ^2/NDF : 5584.5/6

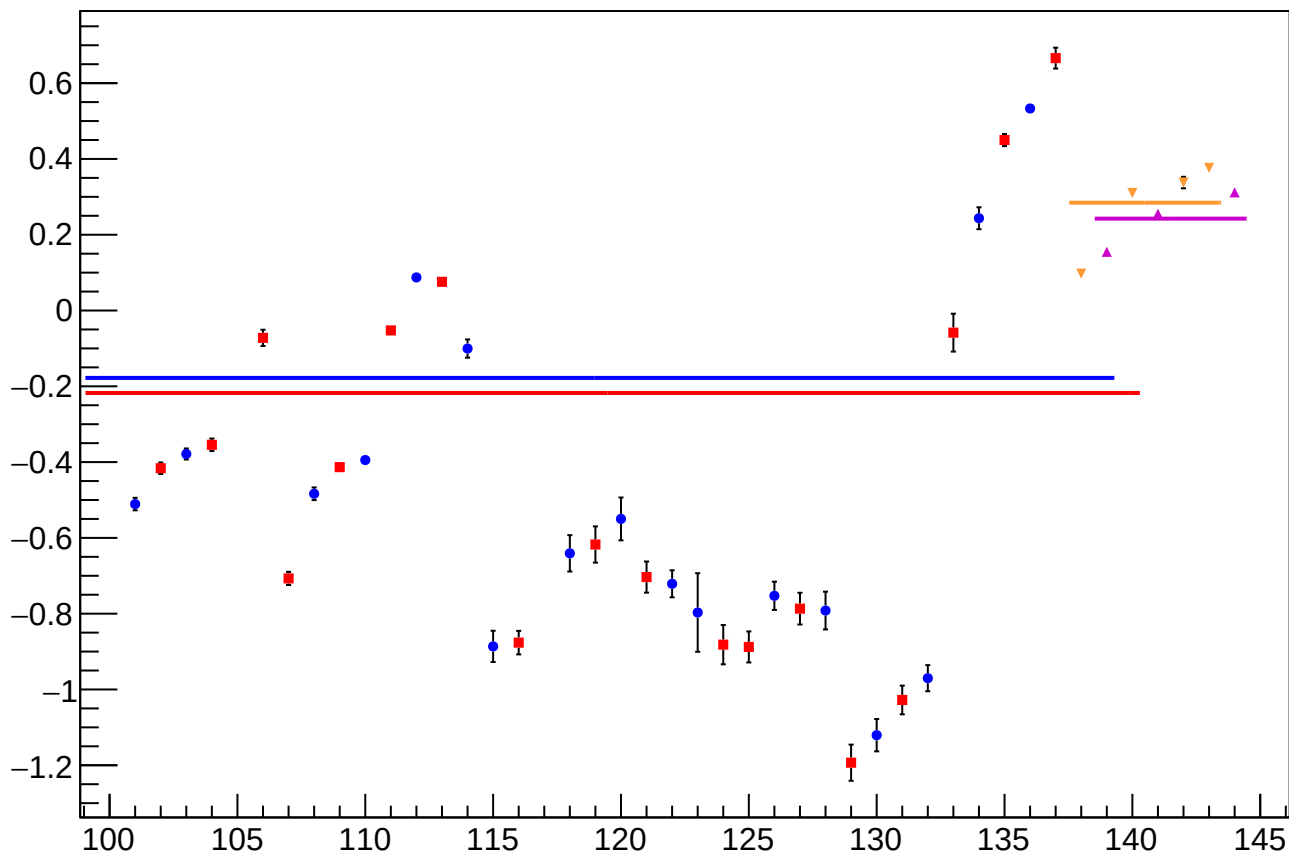
Right: 42.070 $\pm$ 0.059 χ^2/NDF : 28299.2/34

In: 42.324 $\pm$ 0.074 χ^2/NDF : 14979.8/19

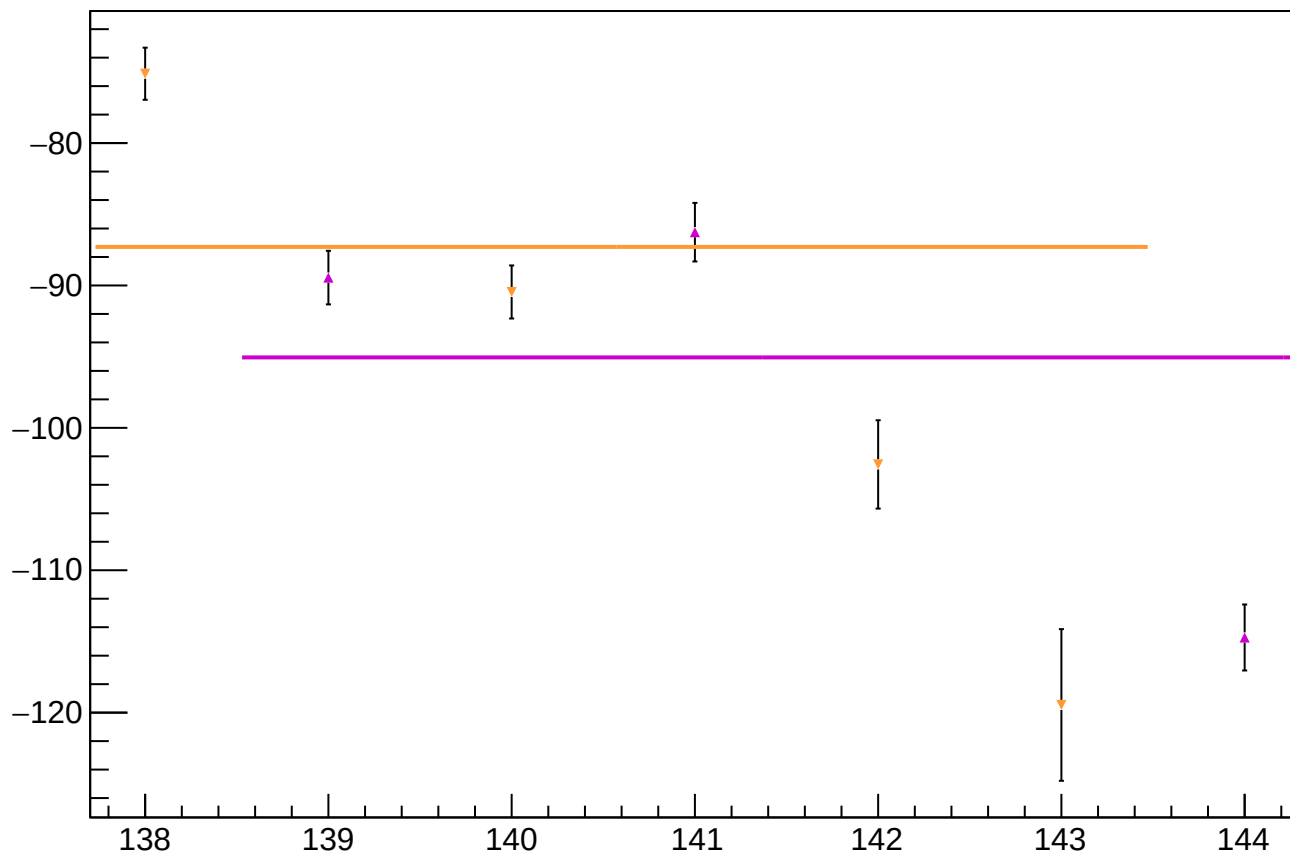
Out: 39.454 $\pm$ 0.067 χ^2/NDF : 19797.7/21

All: 40.742 $\pm$ 0.050 χ^2/NDF : 35609.0/41

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -87.293+/-1.174 χ^2/NDF :107.8/3

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: -91.116+/-0.836 χ^2/NDF : 228.5/6

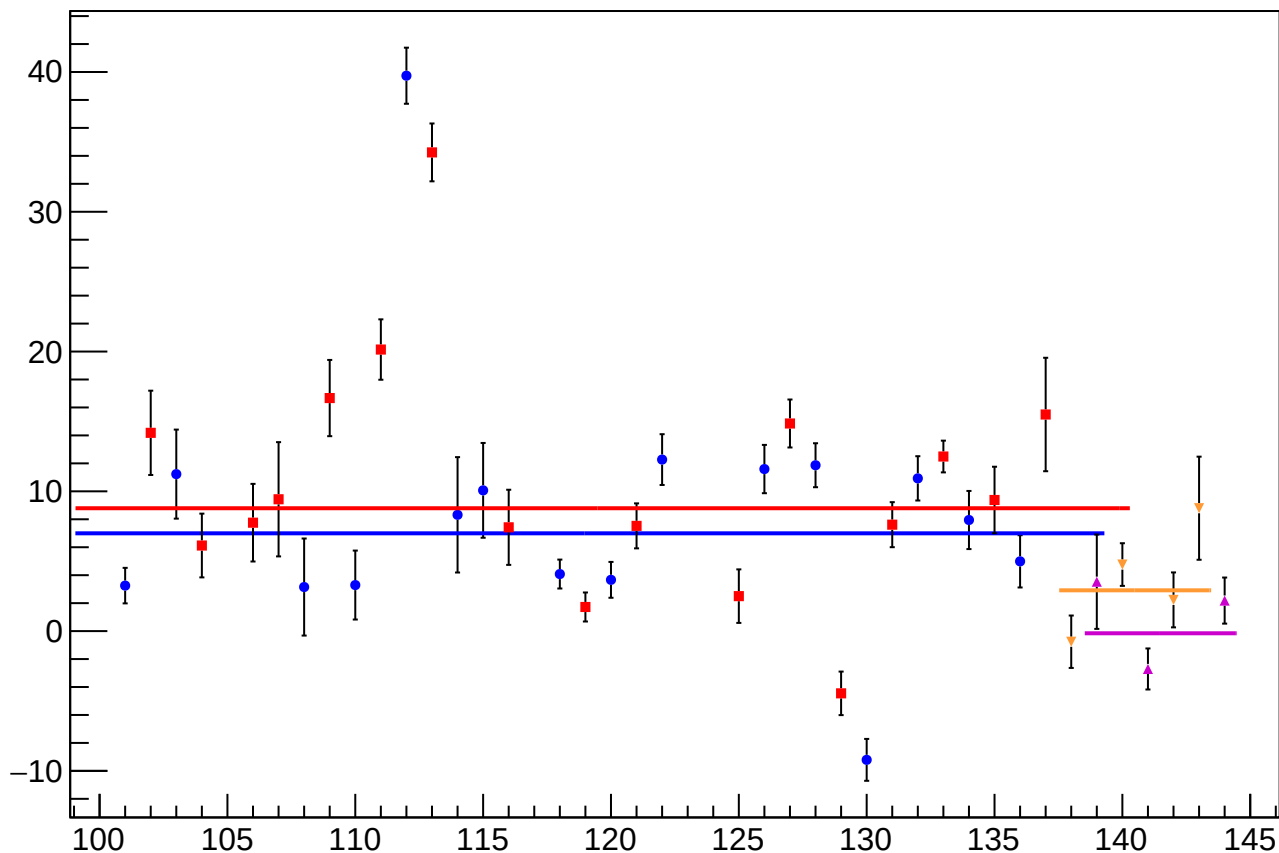
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.053+/-1.191 χ^2/NDF :99.2/2

Out: -87.293+/-1.174 χ^2/NDF :107.8/3

All: -91.116+/-0.836 χ^2/NDF : 228.5/6

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.918 ± 0.978 $\chi^2/\text{NDF}: 8.0/3$

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: 1.480 ± 0.713 $\chi^2/\text{NDF}: 18.8/6$

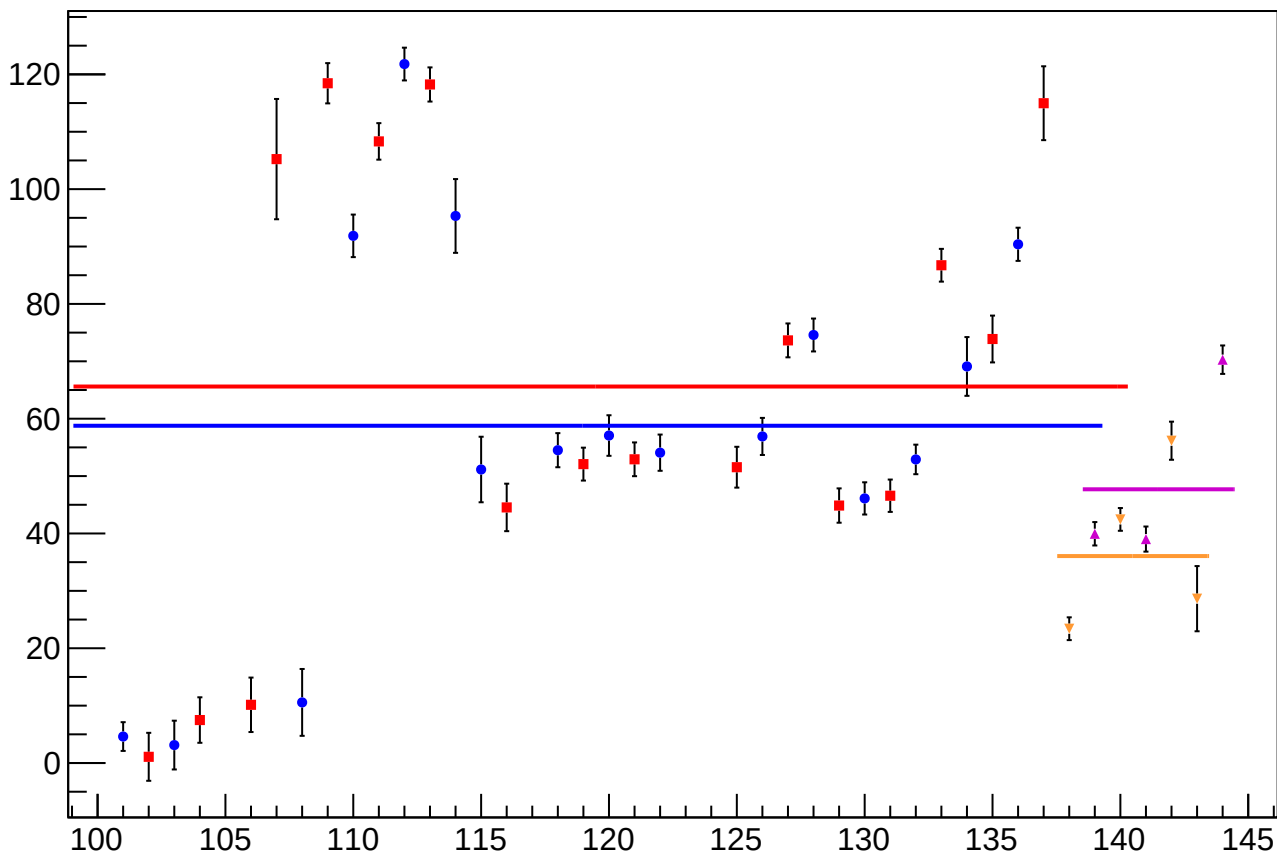
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.939 ± 0.401 $\chi^2/\text{NDF}: 491.7/18$

Out: 7.765 ± 0.408 $\chi^2/\text{NDF}: 386.6/20$

All: 6.835 ± 0.286 $\chi^2/\text{NDF}: 888.5/39$

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: 36.063 $\pm$ 1.260 χ^2 /NDF:89.4/3

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: 41.799 $\pm$ 0.897 χ^2 /NDF: 244.7/6

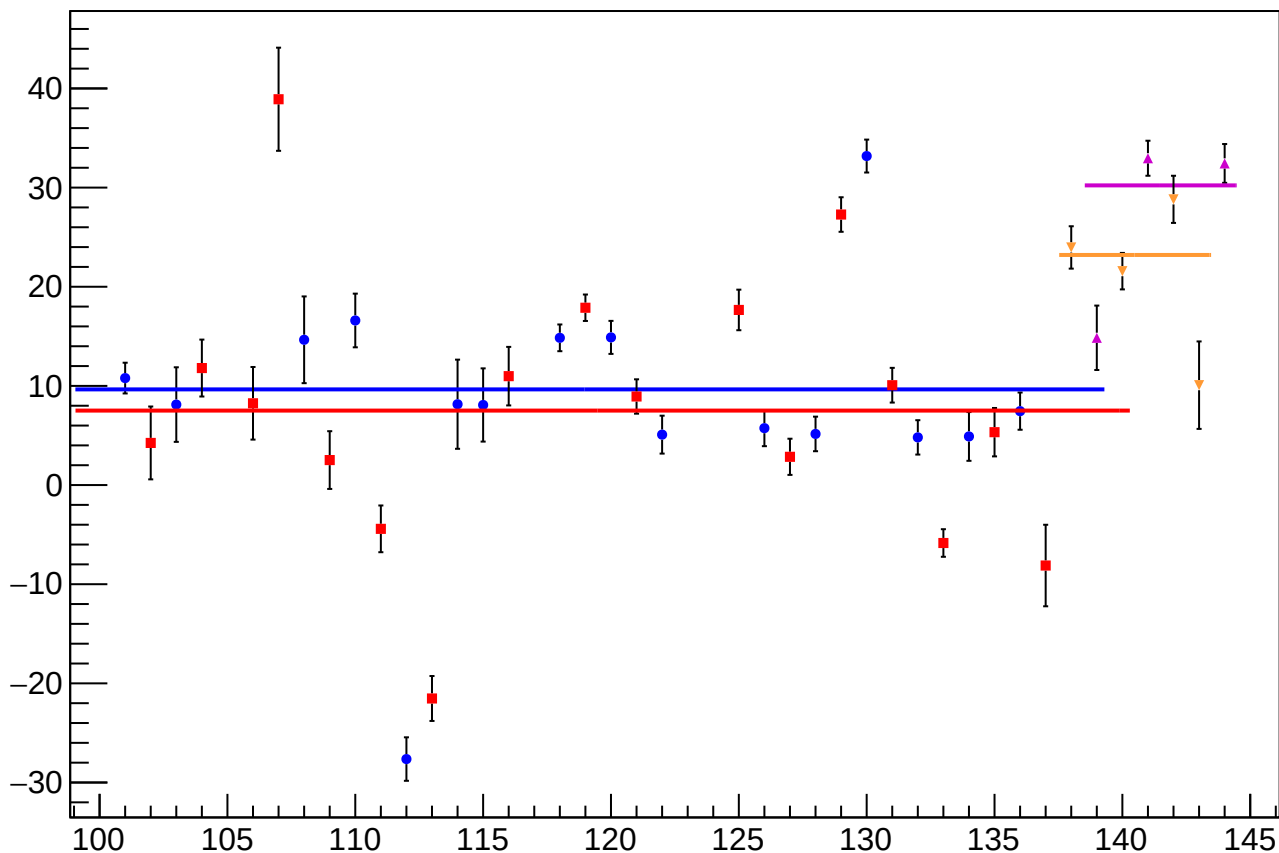
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 55.469 $\pm$ 0.698 χ^2 /NDF:1659.2/18

Out: 56.446 $\pm$ 0.702 χ^2 /NDF:2094.0/20

All: 55.955 $\pm$ 0.495 χ^2 /NDF: 3754.2/39

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 23.206 ± 1.160 $\chi^2/\text{NDF}: 15.3/3$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 30.223 ± 1.216 $\chi^2/\text{NDF}: 26.1/2$

Left: 26.551 ± 0.839 $\chi^2/\text{NDF}: 58.9/6$

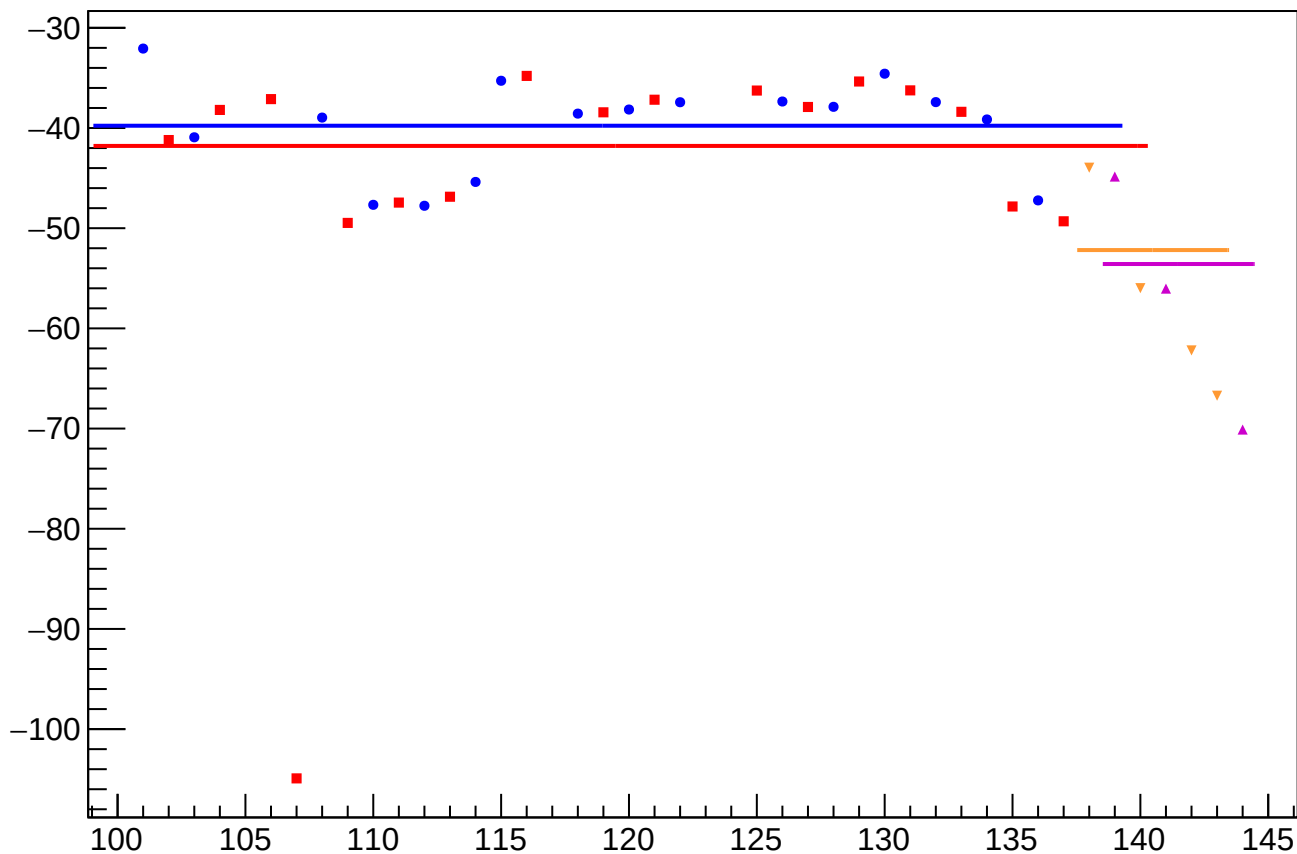
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 12.646 ± 0.464 $\chi^2/\text{NDF}: 824.4/18$

Out: 10.106 ± 0.472 $\chi^2/\text{NDF}: 732.4/20$

All: 11.398 ± 0.331 $\chi^2/\text{NDF}: 1571.5/39$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -52.183 ± 0.052 χ^2/NDF : 22720.8/3

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -53.575 ± 0.049 χ^2/NDF : 38804.2/2

Left: -52.910 ± 0.036 χ^2/NDF : 61902.9/6

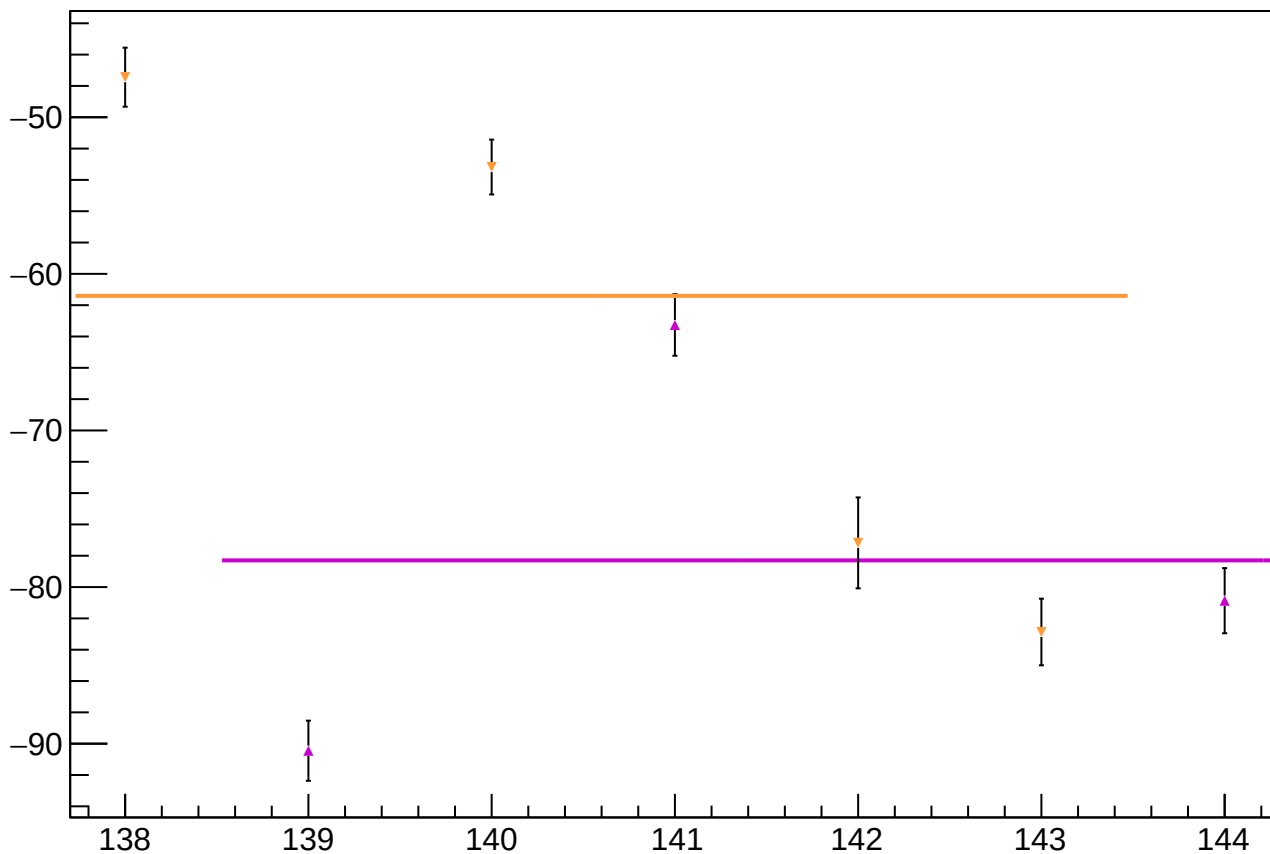
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -43.680 ± 0.026 χ^2/NDF : 120754.5/18

Out: -44.582 ± 0.027 χ^2/NDF : 145189.8/20

All: -44.122 ± 0.019 χ^2/NDF : 266519.1/39

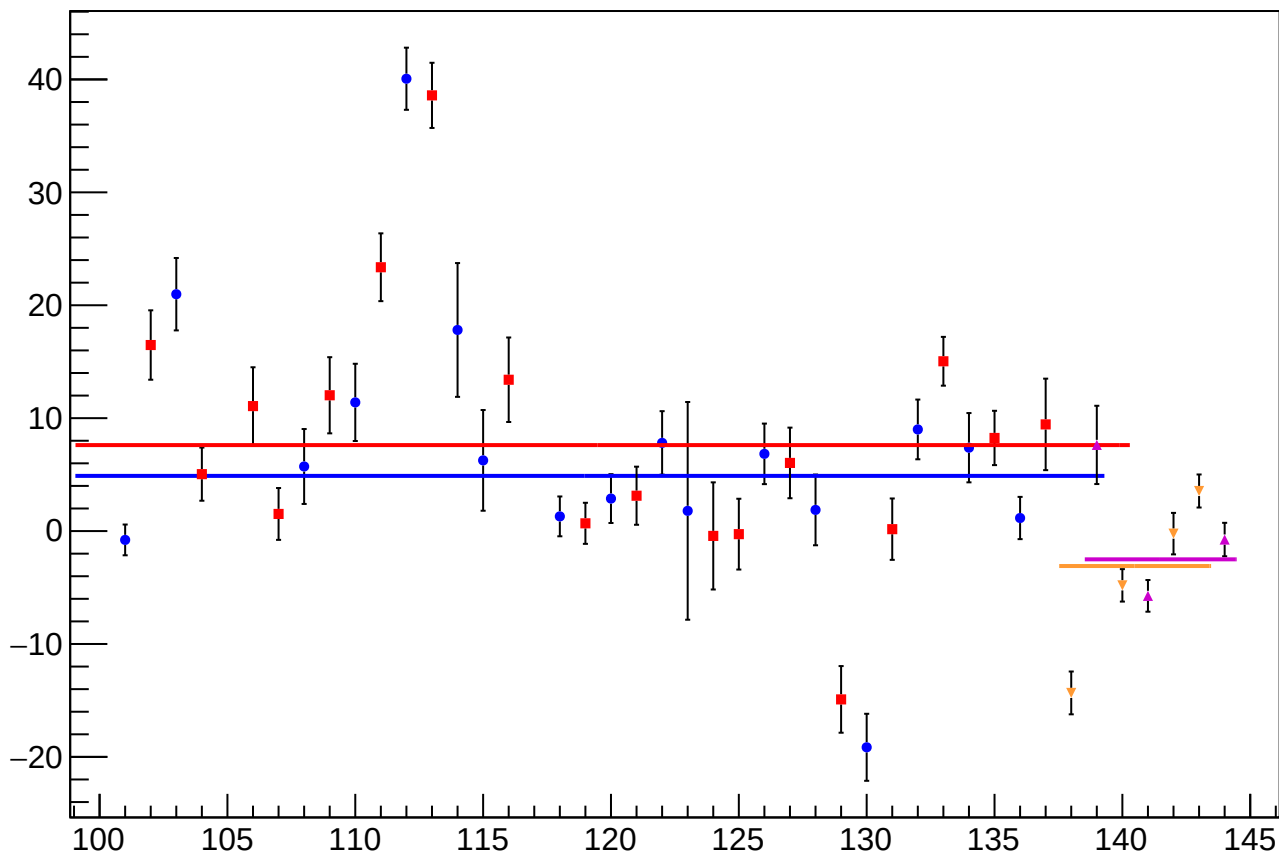
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -61.407+/-1.028 χ^2/NDF :208.2/3
 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: -68.934+/-0.765 χ^2/NDF : 428.6/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -78.296+/-1.146 χ^2/NDF :100.1/2
 Out: -61.407+/-1.028 χ^2/NDF :208.2/3
 All: -68.934+/-0.765 χ^2/NDF : 428.6/6

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: -3.096 ± 0.810 χ^2/NDF : 59.6/3

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: -2.855 ± 0.623 χ^2/NDF : 75.1/6

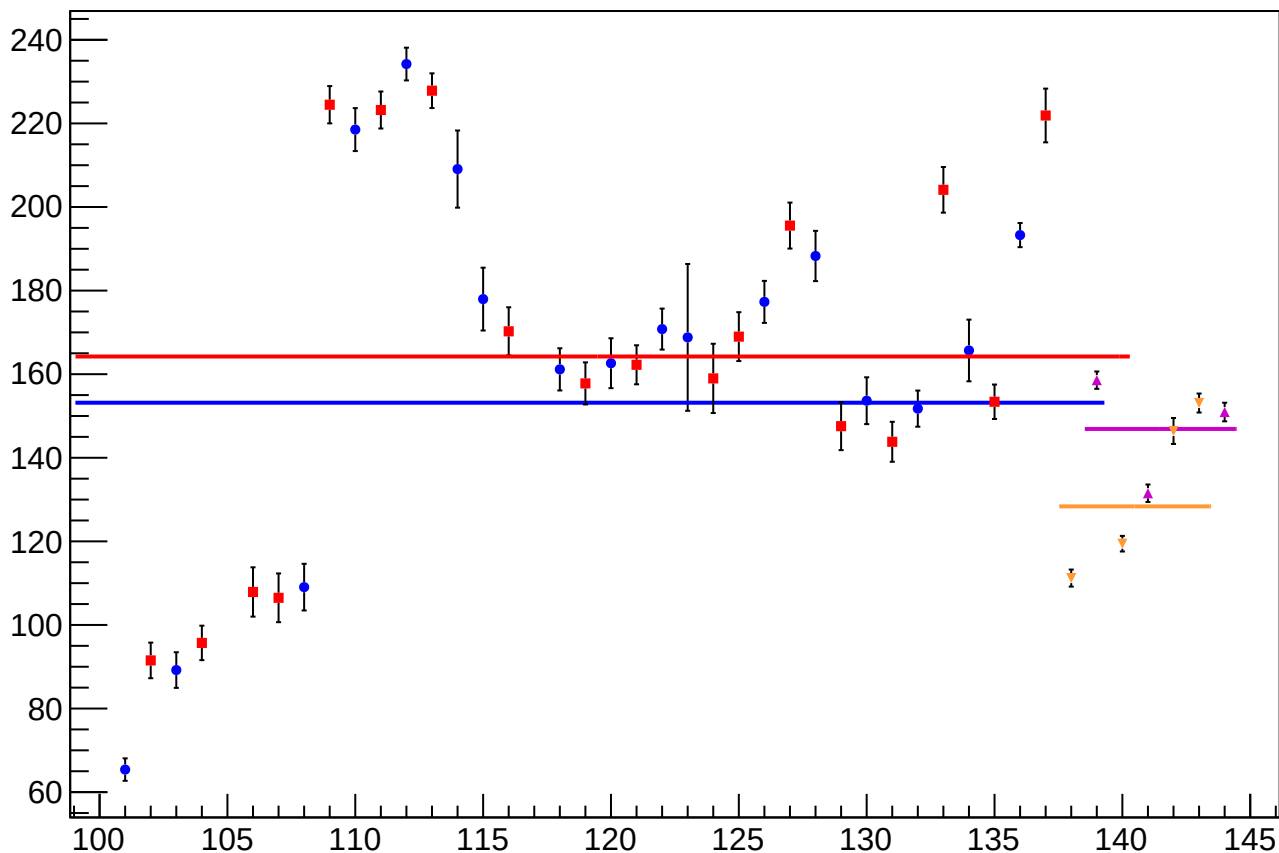
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 2.757 ± 0.525 χ^2/NDF : 350.7/19

Out: 3.400 ± 0.508 χ^2/NDF : 434.9/21

All: 3.089 ± 0.365 χ^2/NDF : 786.4/41

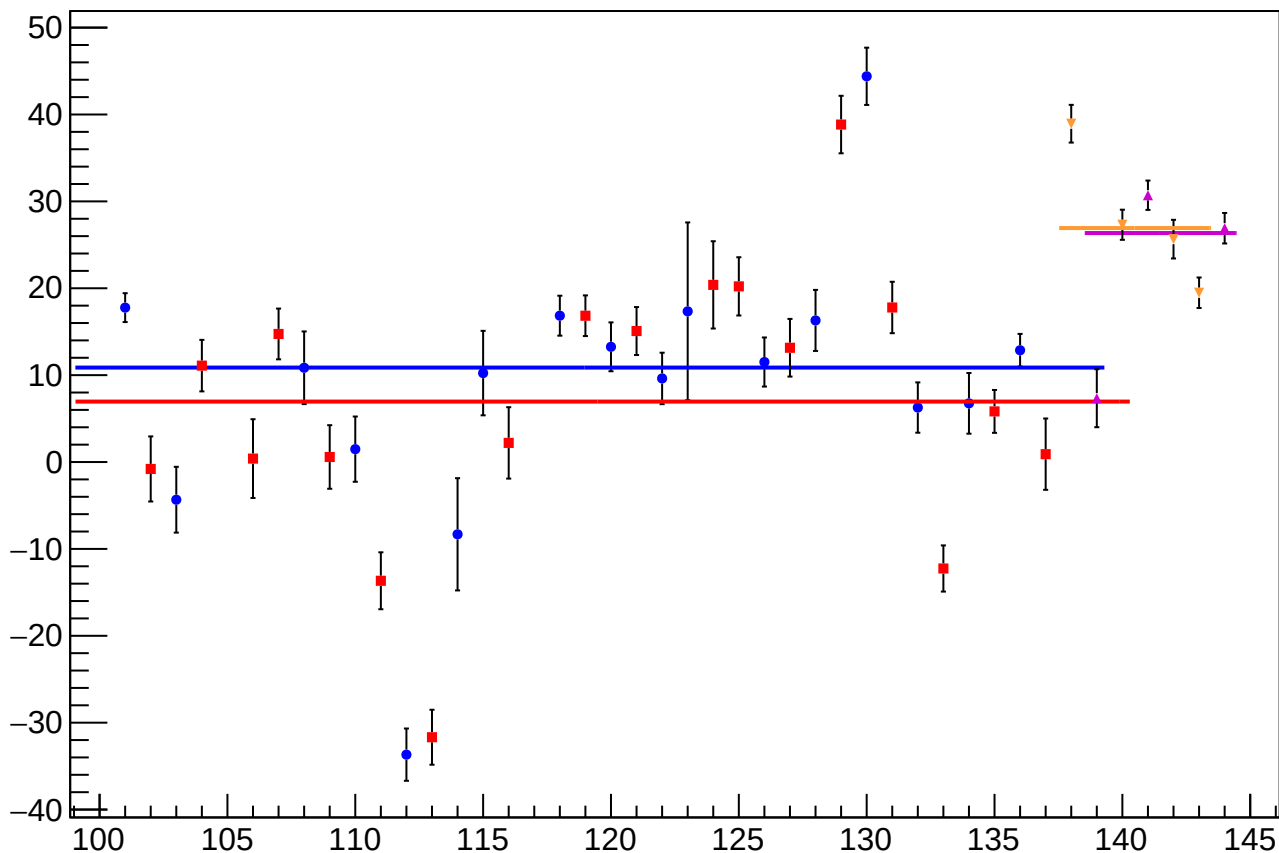
reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2/NDF : 2264.3/16
 Left Out: 128.368 $\pm$ 1.101 χ^2/NDF : 245.9/3
 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: 136.620 $\pm$ 0.820 χ^2/NDF : 461.0/6
 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: 145.016 $\pm$ 0.806 χ^2/NDF : 2293.0/21
 All: 147.531 $\pm$ 0.581 χ^2/NDF : 4680.5/41

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 26.931 ± 0.966 $\chi^2/\text{NDF}: 49.0/3$

Right Out: 6.958 ± 0.749 $\chi^2/\text{NDF}: 422.3/17$

Left In: 26.358 ± 1.143 $\chi^2/\text{NDF}: 39.2/2$

Left: 26.692 ± 0.738 $\chi^2/\text{NDF}: 88.3/6$

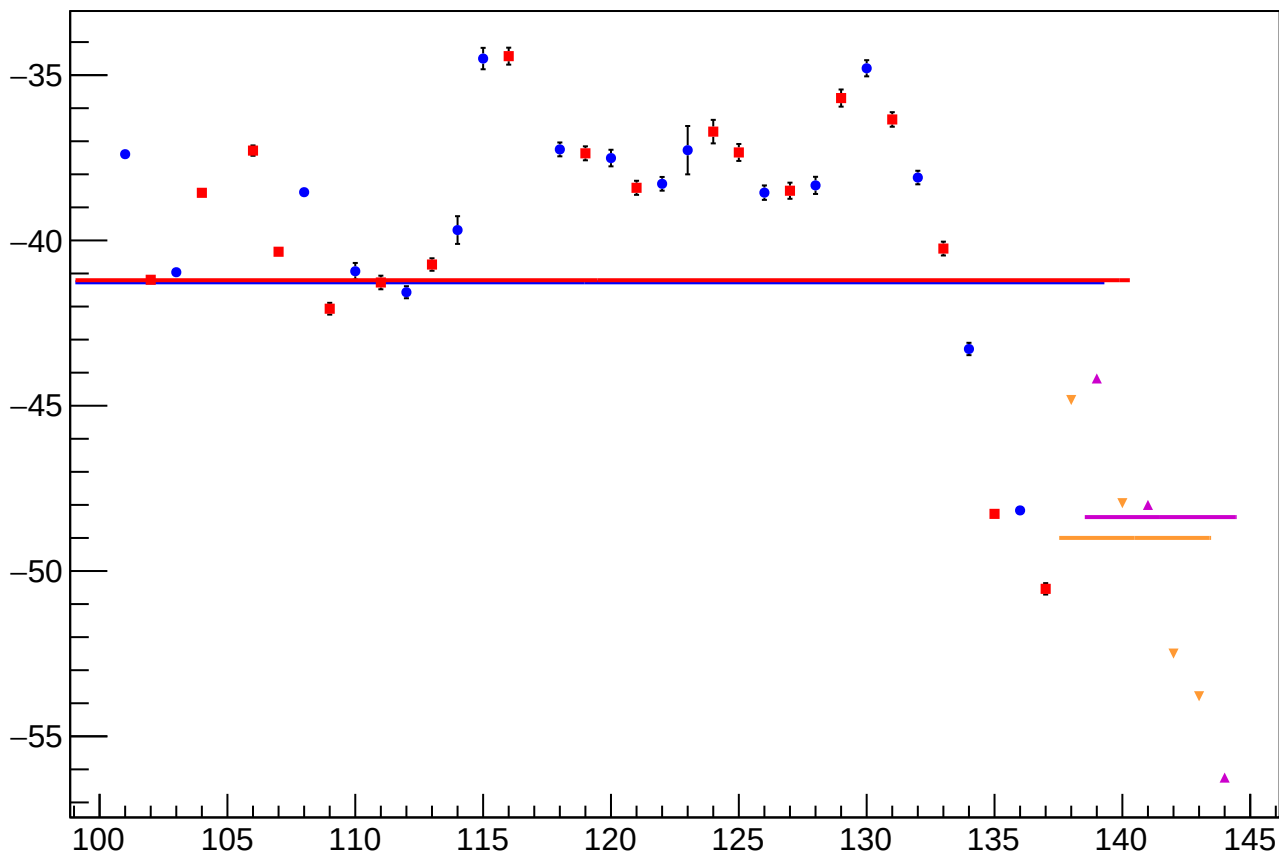
Right: 9.008 ± 0.517 $\chi^2/\text{NDF}: 823.3/34$

In: 15.221 ± 0.606 $\chi^2/\text{NDF}: 557.8/19$

Out: 14.458 ± 0.592 $\chi^2/\text{NDF}: 738.2/21$

All: 14.831 ± 0.423 $\chi^2/\text{NDF}: 1296.9/41$

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267+/-0.039 χ^2/NDF : 12581.8/16

Left Out: -48.998+/-0.045 χ^2/NDF : 6365.9/3

Right Out: -41.204+/-0.039 χ^2/NDF : 12008.6/17

Left In: -48.368+/-0.048 χ^2/NDF : 9843.3/2

Left: -48.703+/-0.033 χ^2/NDF : 16300.1/6

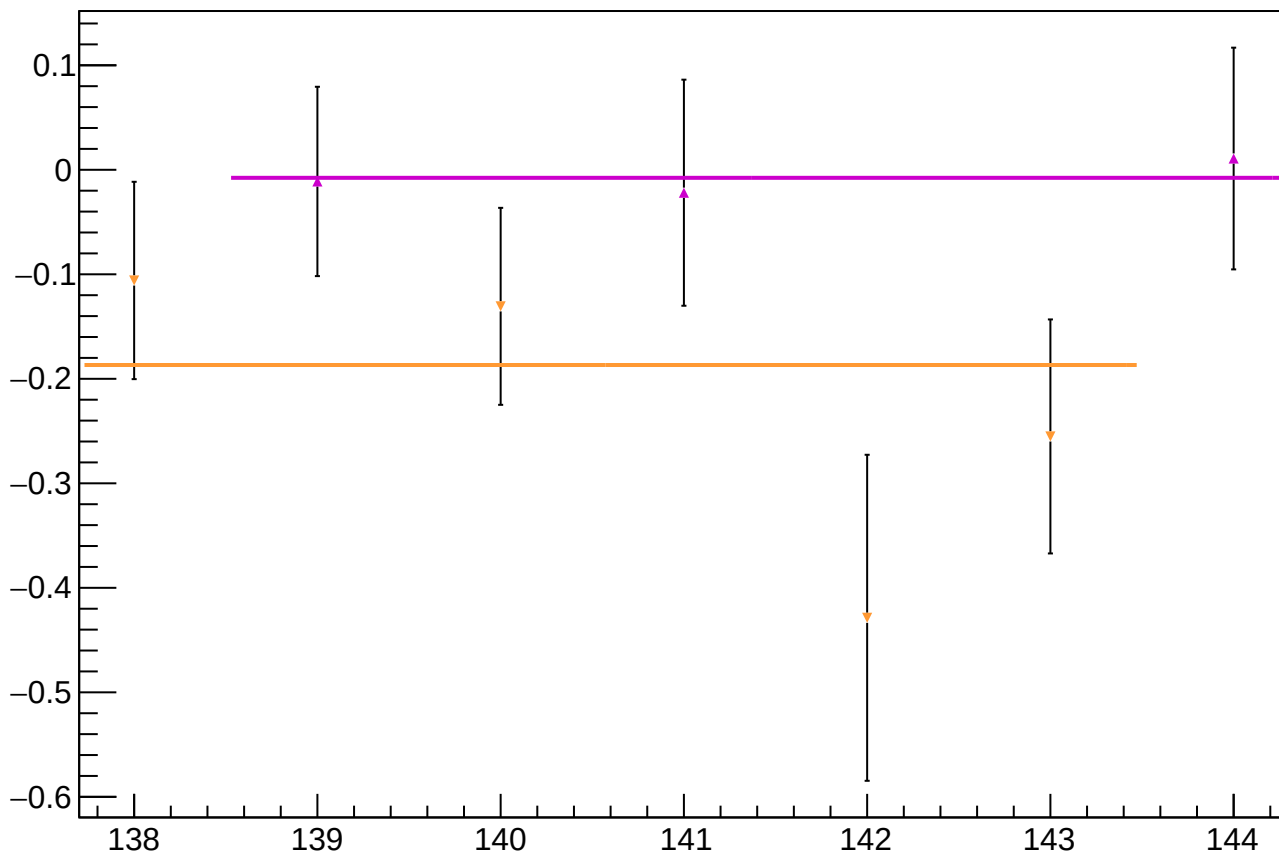
Right: -41.236+/-0.027 χ^2/NDF : 24591.7/34

In: -44.039+/-0.030 χ^2/NDF : 35690.5/19

Out: -44.508+/-0.029 χ^2/NDF : 35445.9/21

All: -44.279+/-0.021 χ^2/NDF : 71260.4/41

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.187+/-0.054 χ^2/NDF : 3.9/3

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: -0.104+/-0.039 χ^2/NDF : 9.0/6

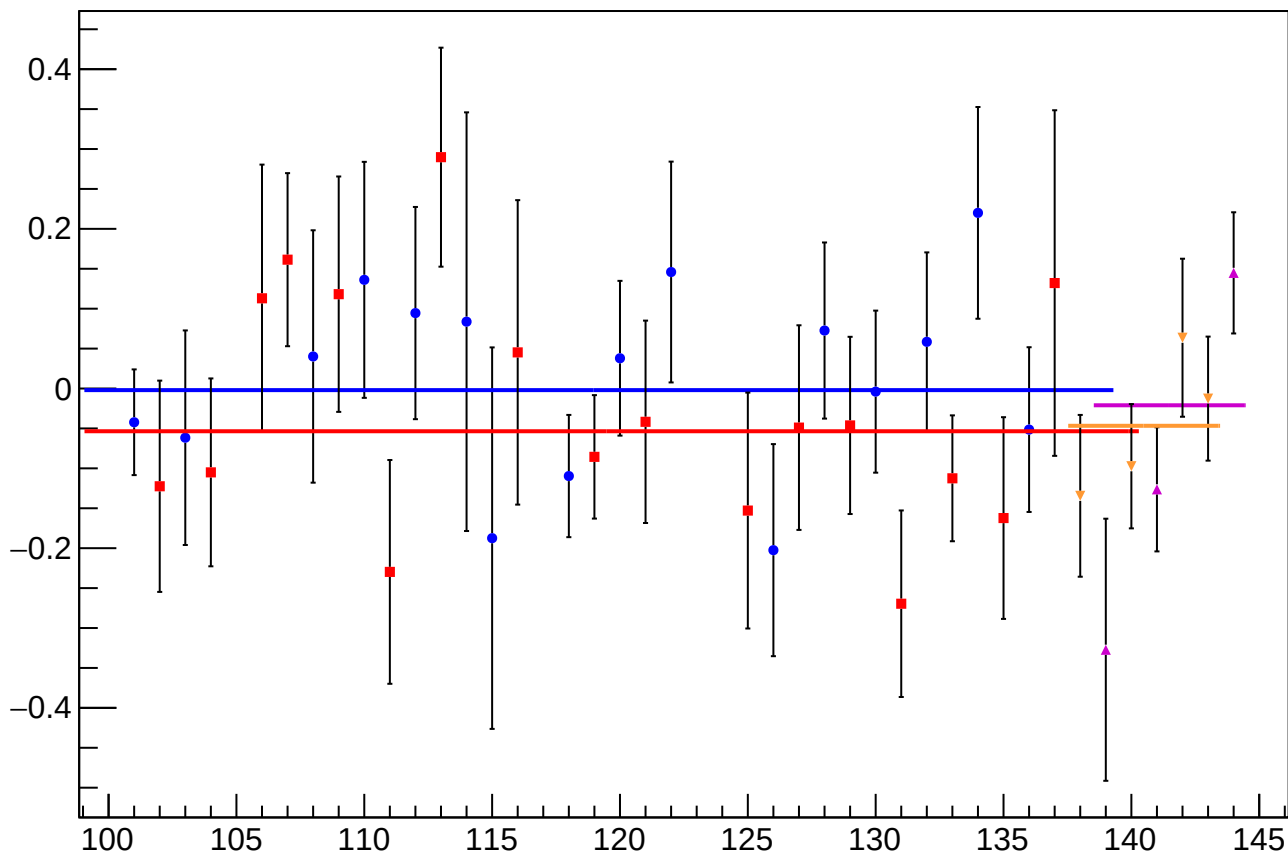
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.008+/-0.058 χ^2/NDF : 0.0/2

Out: -0.187+/-0.054 χ^2/NDF : 3.9/3

All: -0.104+/-0.039 χ^2/NDF : 9.0/6

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.047 ± 0.043 χ^2/NDF : 2.6/3

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: -0.036 ± 0.033 χ^2/NDF : 12.8/6

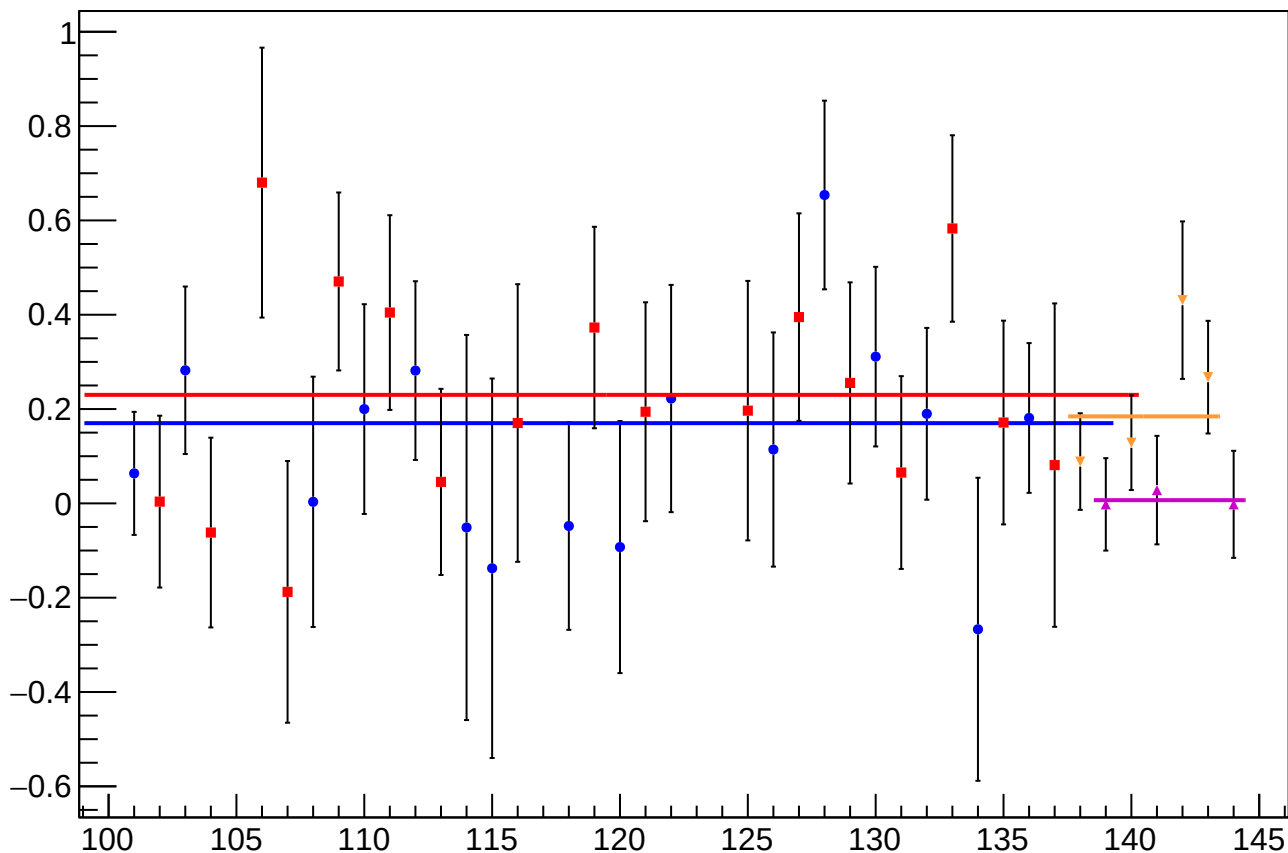
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.006 ± 0.025 χ^2/NDF : 22.3/18

Out: -0.051 ± 0.024 χ^2/NDF : 23.6/20

All: -0.029 ± 0.017 χ^2/NDF : 47.5/39

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: 0.184 $\pm$ 0.058 χ^2/NDF : 3.8/3

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: 0.102 $\pm$ 0.042 χ^2/NDF : 8.3/6

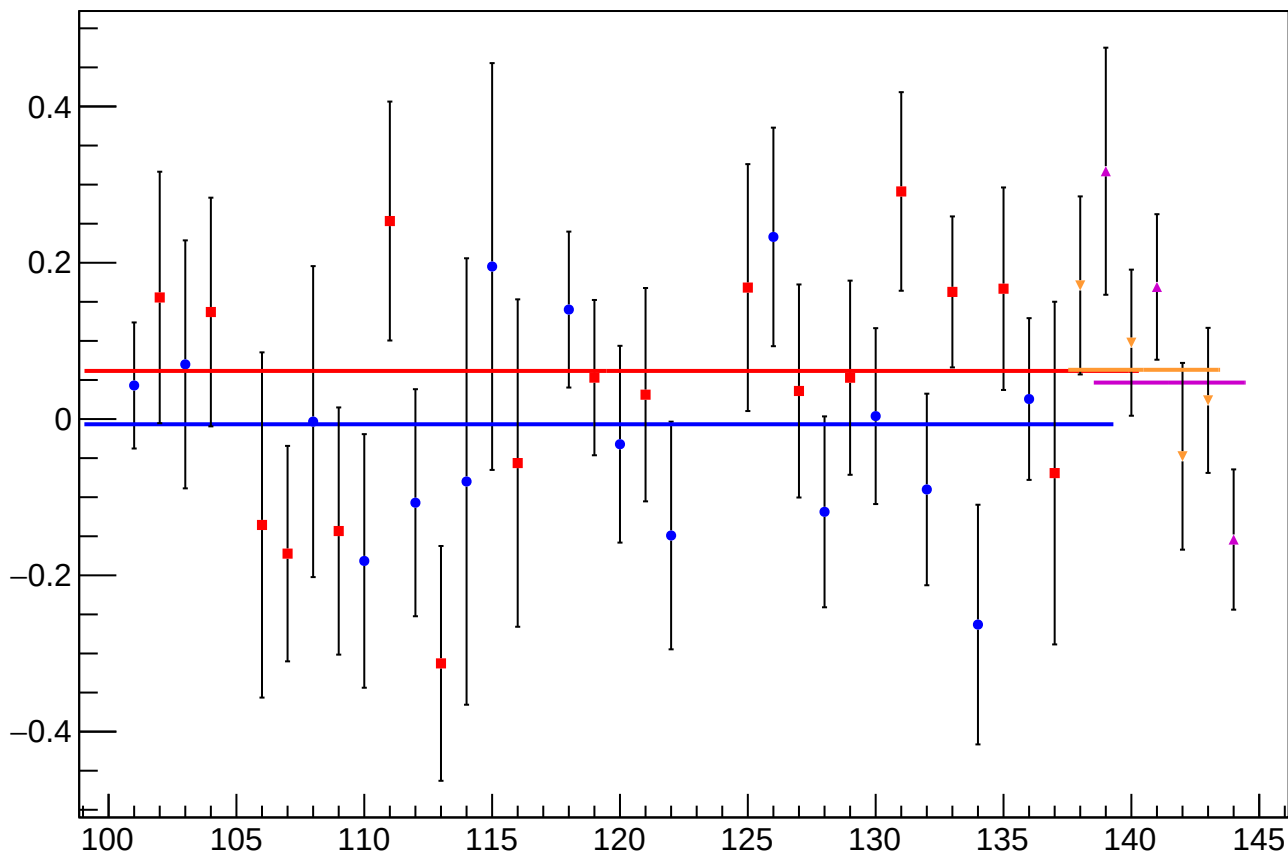
Right: 0.199 $\pm$ 0.038 χ^2/NDF : 30.5/32

In: 0.103 $\pm$ 0.040 χ^2/NDF : 17.1/18

Out: 0.209 $\pm$ 0.039 χ^2/NDF : 21.0/20

All: 0.157 $\pm$ 0.028 χ^2/NDF : 41.6/39

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: 0.063 ± 0.051 $\chi^2/\text{NDF}: 2.1/3$

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: 0.056 ± 0.039 $\chi^2/\text{NDF}: 11.8/6$

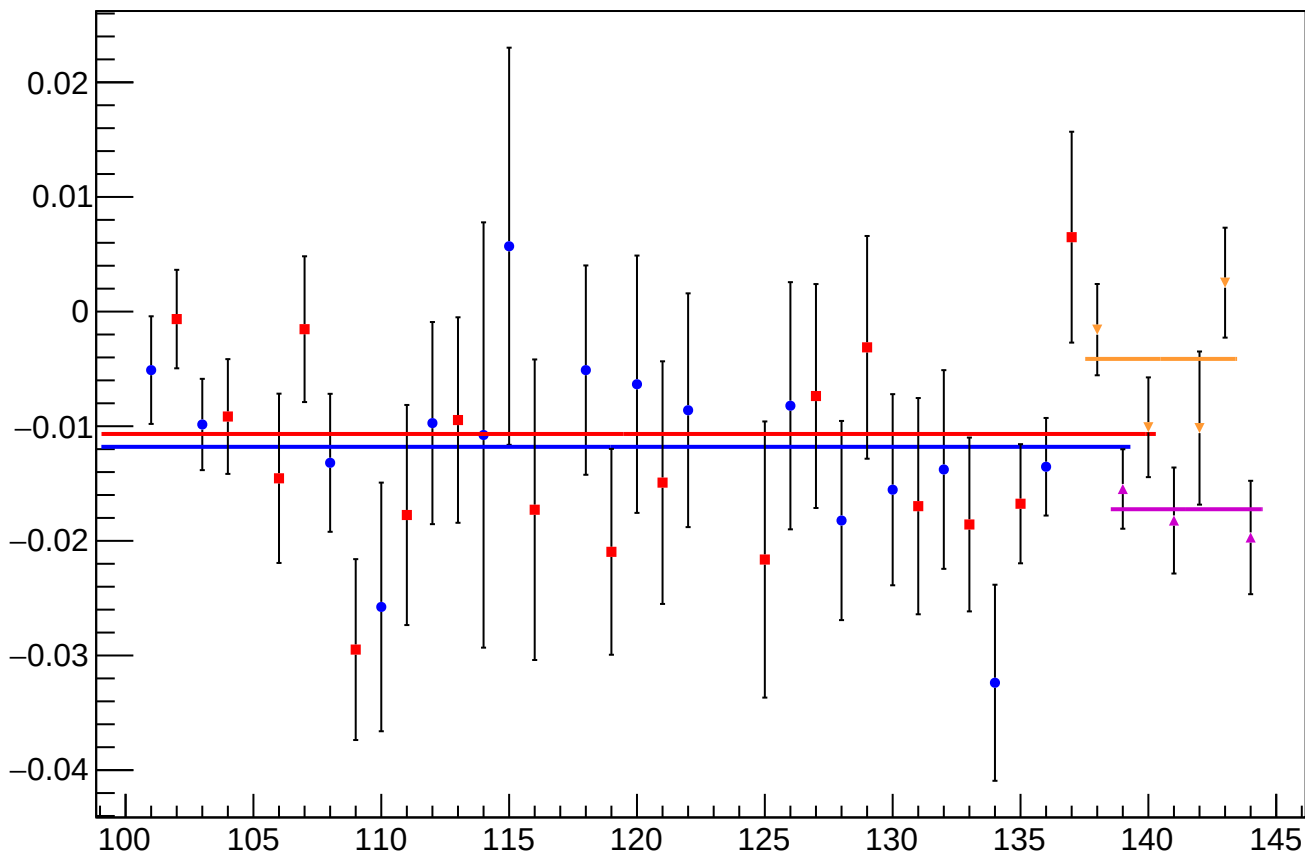
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.006 ± 0.029 $\chi^2/\text{NDF}: 23.5/18$

Out: 0.062 ± 0.028 $\chi^2/\text{NDF}: 22.1/20$

All: 0.034 ± 0.020 $\chi^2/\text{NDF}: 47.5/39$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.004 ± 0.002 χ^2/NDF : 5.0/3

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: -0.010 ± 0.002 χ^2/NDF : 20.7/6

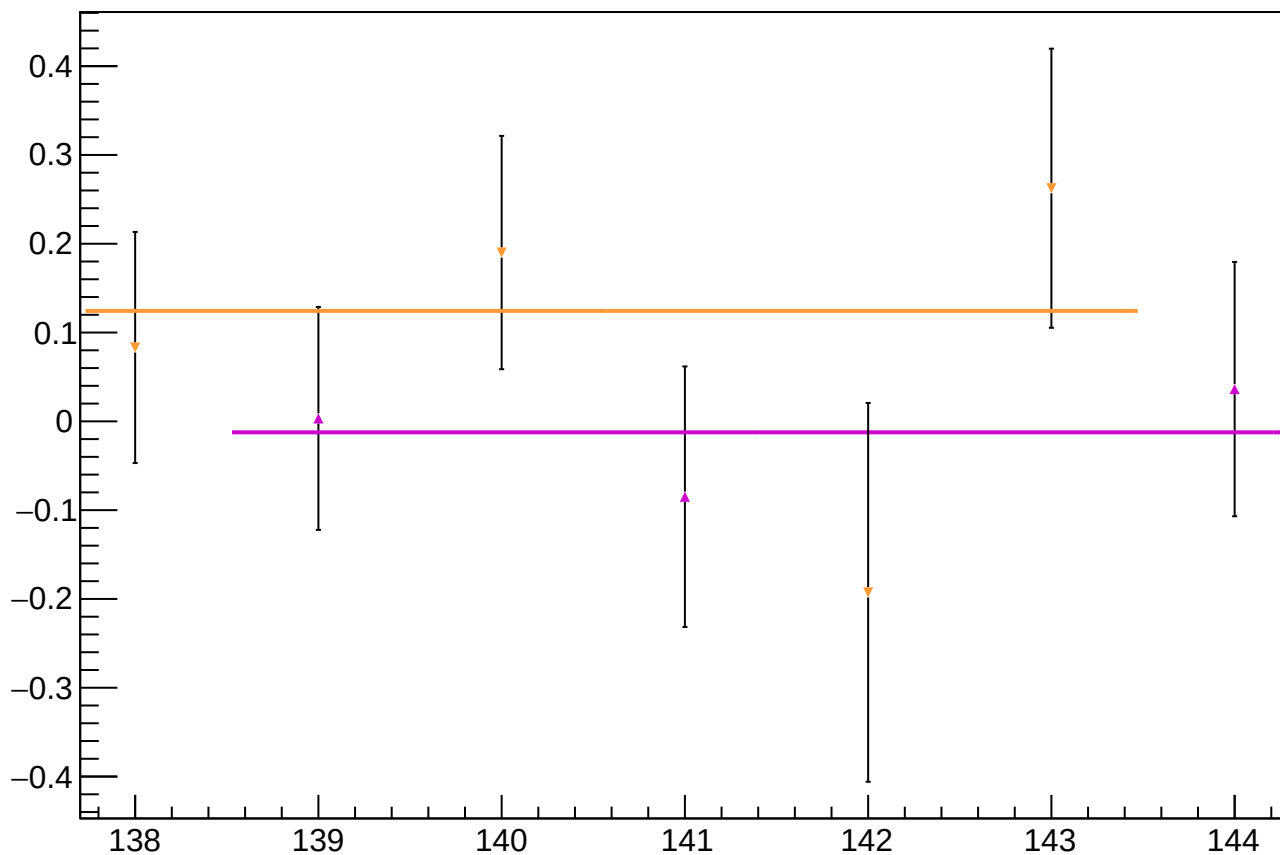
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.014 ± 0.001 χ^2/NDF : 16.6/18

Out: -0.008 ± 0.001 χ^2/NDF : 33.7/20

All: -0.011 ± 0.001 χ^2/NDF : 57.6/39

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: 0.124 $\pm$ 0.075 χ^2 /NDF:3.3/3

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 $\pm$ 0.054 χ^2 /NDF: 5.3/6

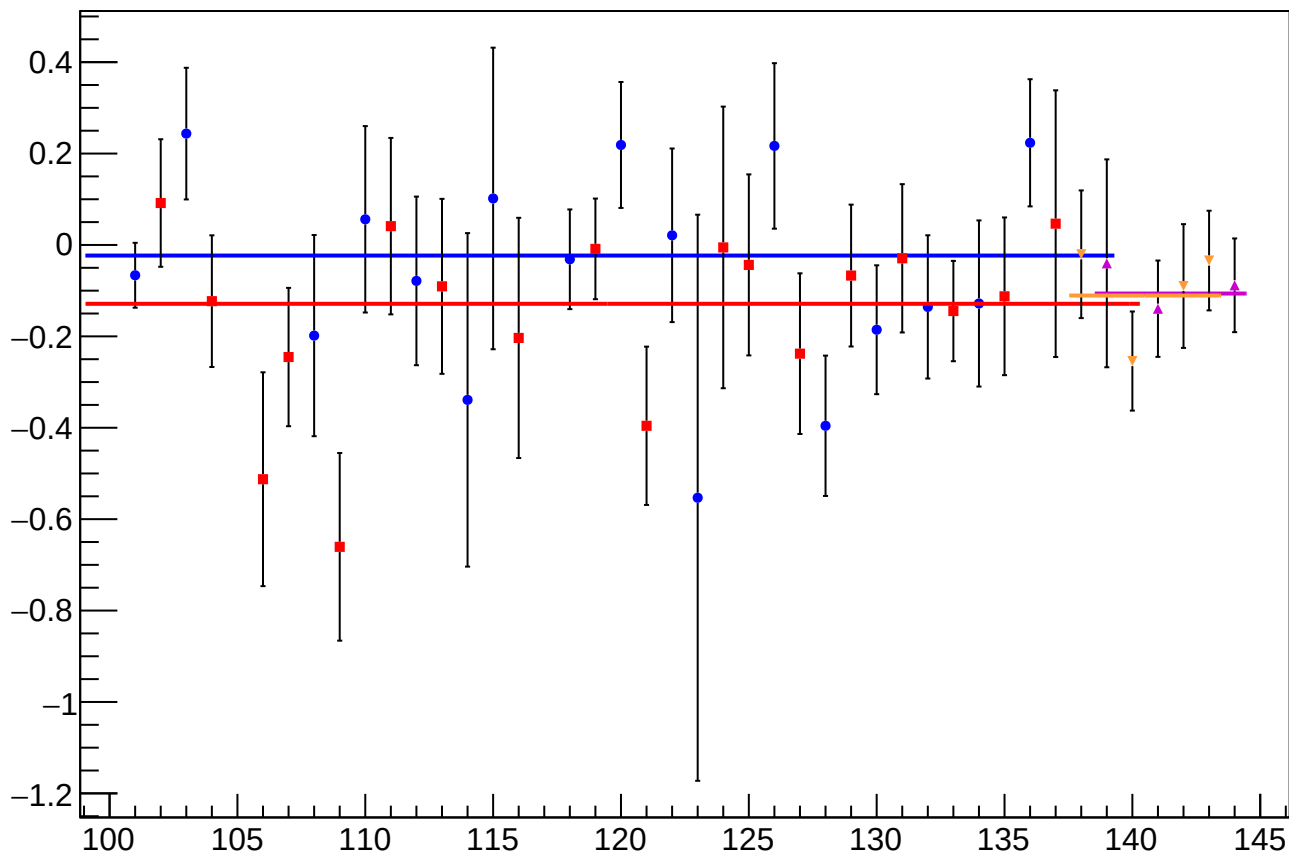
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.012 $\pm$ 0.079 χ^2 /NDF:0.4/2

Out: 0.124 $\pm$ 0.075 χ^2 /NDF:3.3/3

All: 0.060 $\pm$ 0.054 χ^2 /NDF: 5.3/6

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.111 ± 0.060 χ^2/NDF : 2.7/3

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: -0.109 ± 0.046 χ^2/NDF : 2.9/6

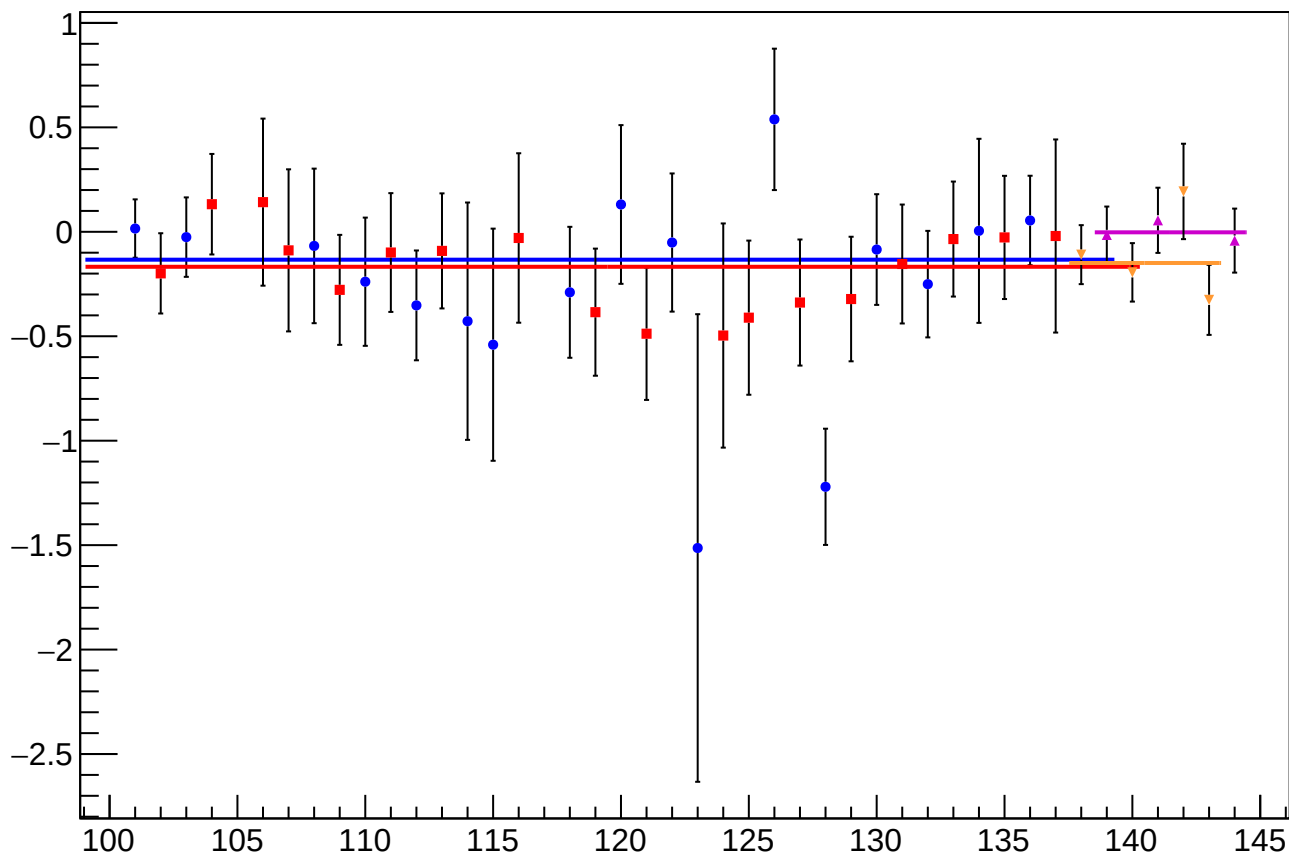
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.041 ± 0.032 χ^2/NDF : 23.7/19

Out: -0.123 ± 0.033 χ^2/NDF : 21.4/21

All: -0.081 ± 0.023 χ^2/NDF : 48.3/41

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.149 ± 0.080 χ^2/NDF : 3.5/3

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: -0.080 ± 0.058 χ^2/NDF : 5.3/6

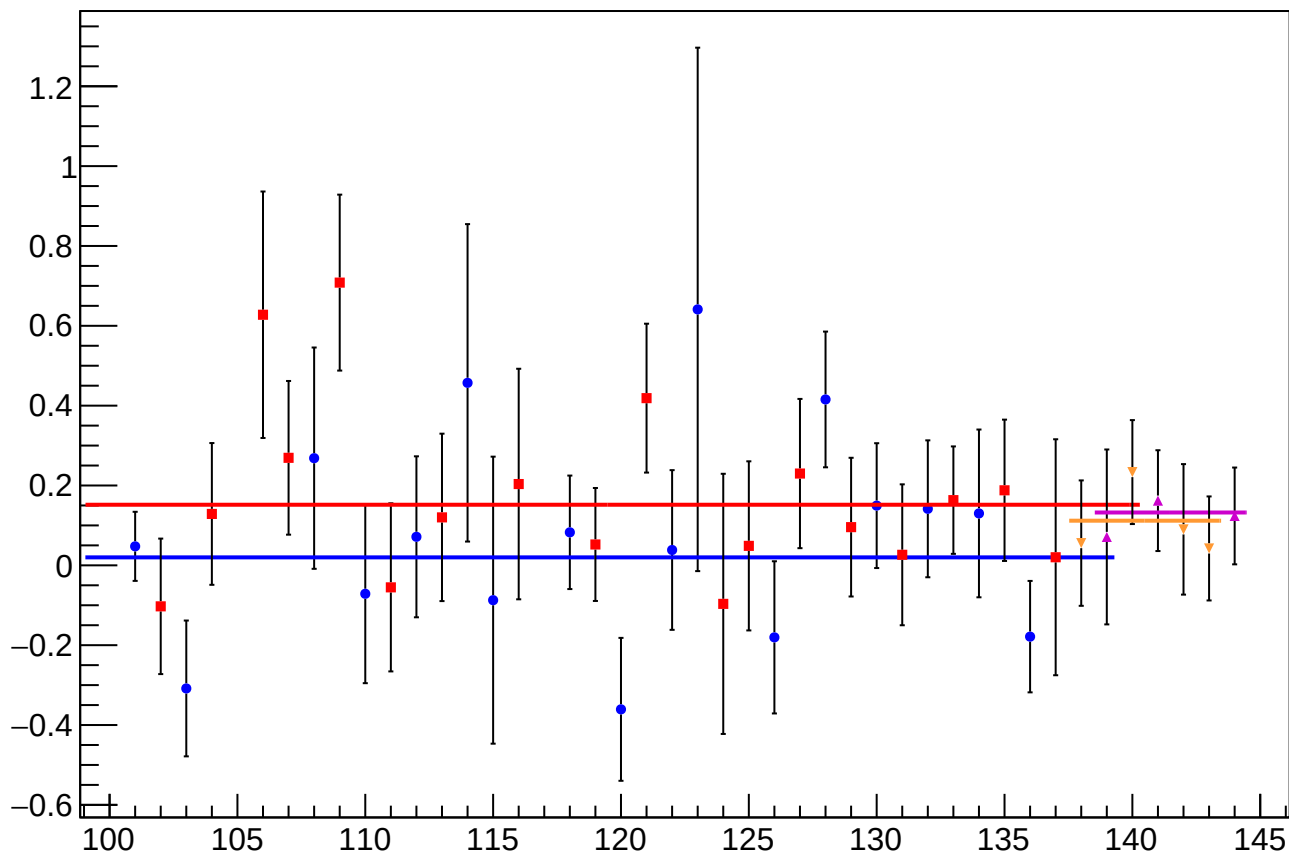
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.083 ± 0.053 χ^2/NDF : 27.4/19

Out: -0.159 ± 0.053 χ^2/NDF : 9.7/21

All: -0.121 ± 0.037 χ^2/NDF : 38.2/41

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: 0.112 $\pm$ 0.071 χ^2 /NDF:1.3/3

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: 0.121 $\pm$ 0.054 χ^2 /NDF: 1.5/6

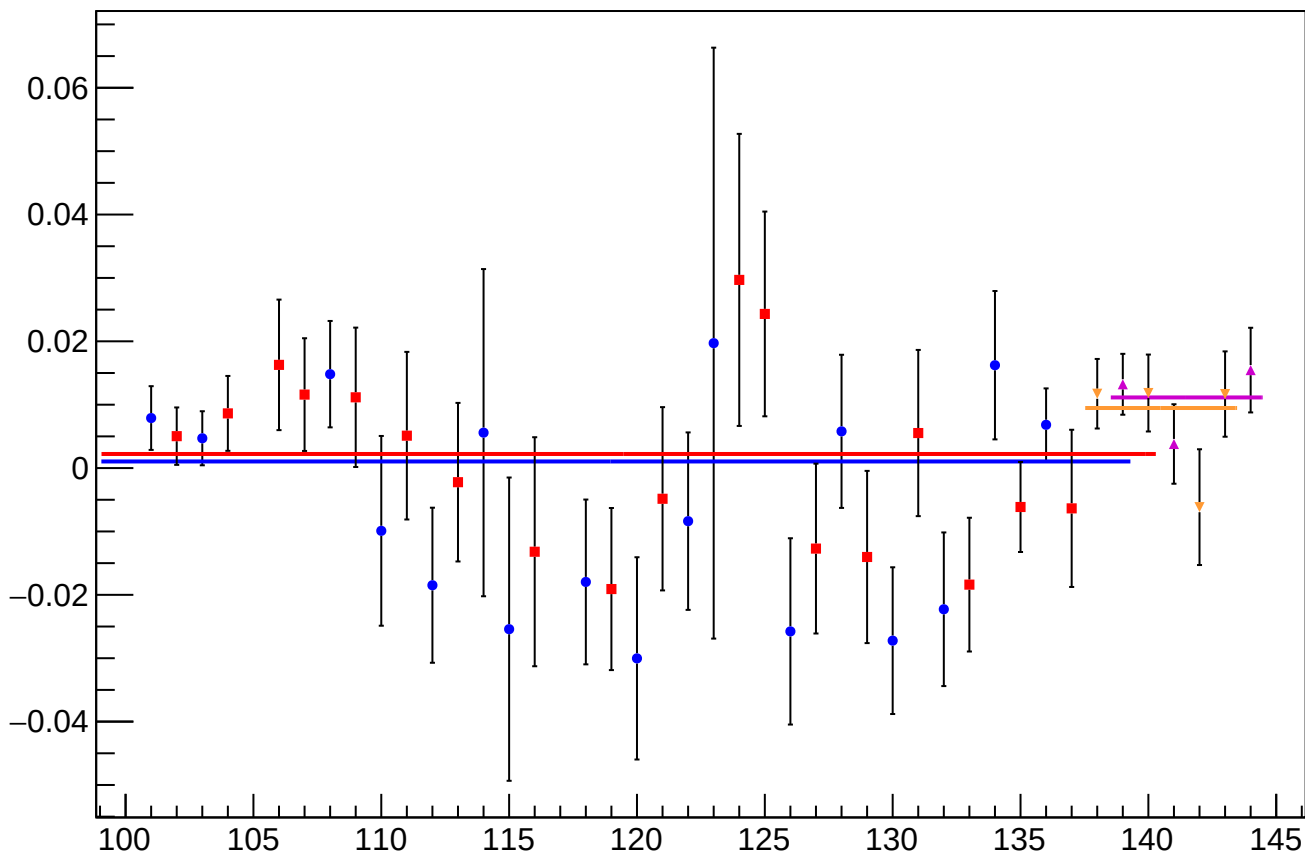
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.044 $\pm$ 0.038 χ^2 /NDF:23.4/19

Out: 0.140 $\pm$ 0.038 χ^2 /NDF:18.3/21

All: 0.091 $\pm$ 0.027 χ^2 /NDF: 45.0/41

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 : 3.4/3

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 : 5.5/6

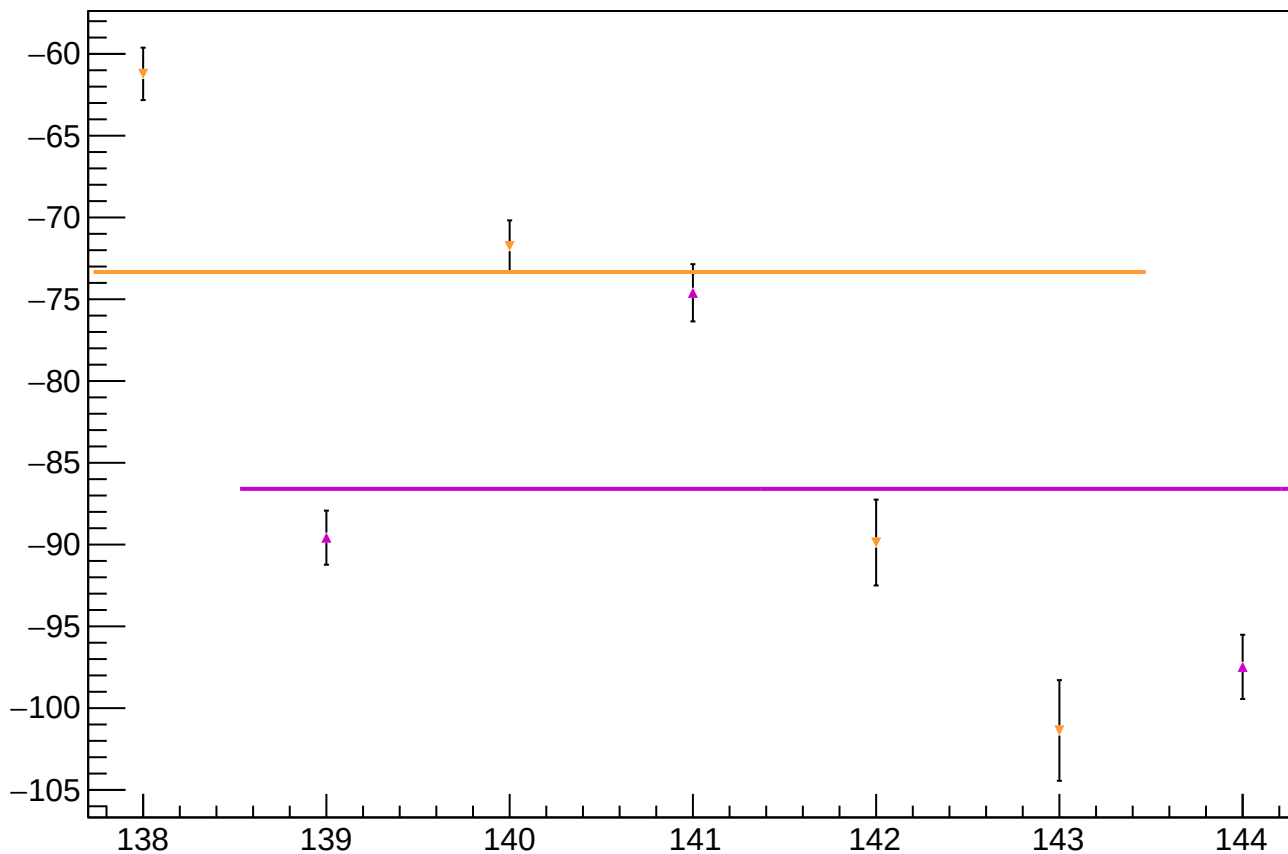
Right: 0.002 $\pm$ 0.002 χ^2/NDF : 53.0/34

In: 0.004 $\pm$ 0.002 χ^2/NDF : 40.4/19

Out: 0.005 $\pm$ 0.002 χ^2/NDF : 27.5/21

All: 0.004 $\pm$ 0.001 χ^2/NDF : 67.9/41

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.334+/-0.979 χ^2/NDF :180.8/3

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: -79.654+/-0.708 χ^2/NDF : 349.2/6

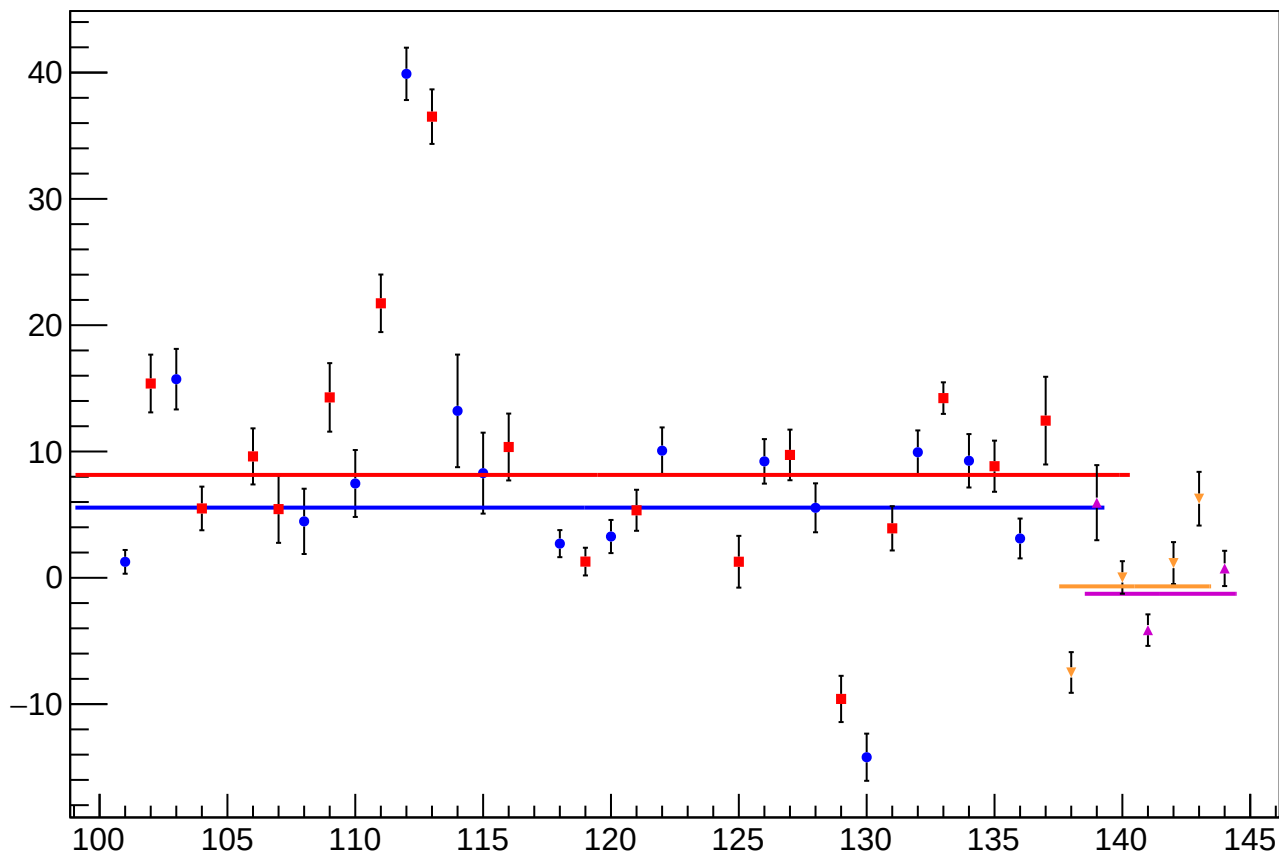
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.593+/-1.026 χ^2/NDF :80.9/2

Out: -73.334+/-0.979 χ^2/NDF :180.8/3

All: -79.654+/-0.708 χ^2/NDF : 349.2/6

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: -0.678 ± 0.798 χ^2/NDF : 30.1/3

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: -0.940 ± 0.594 χ^2/NDF : 43.6/6

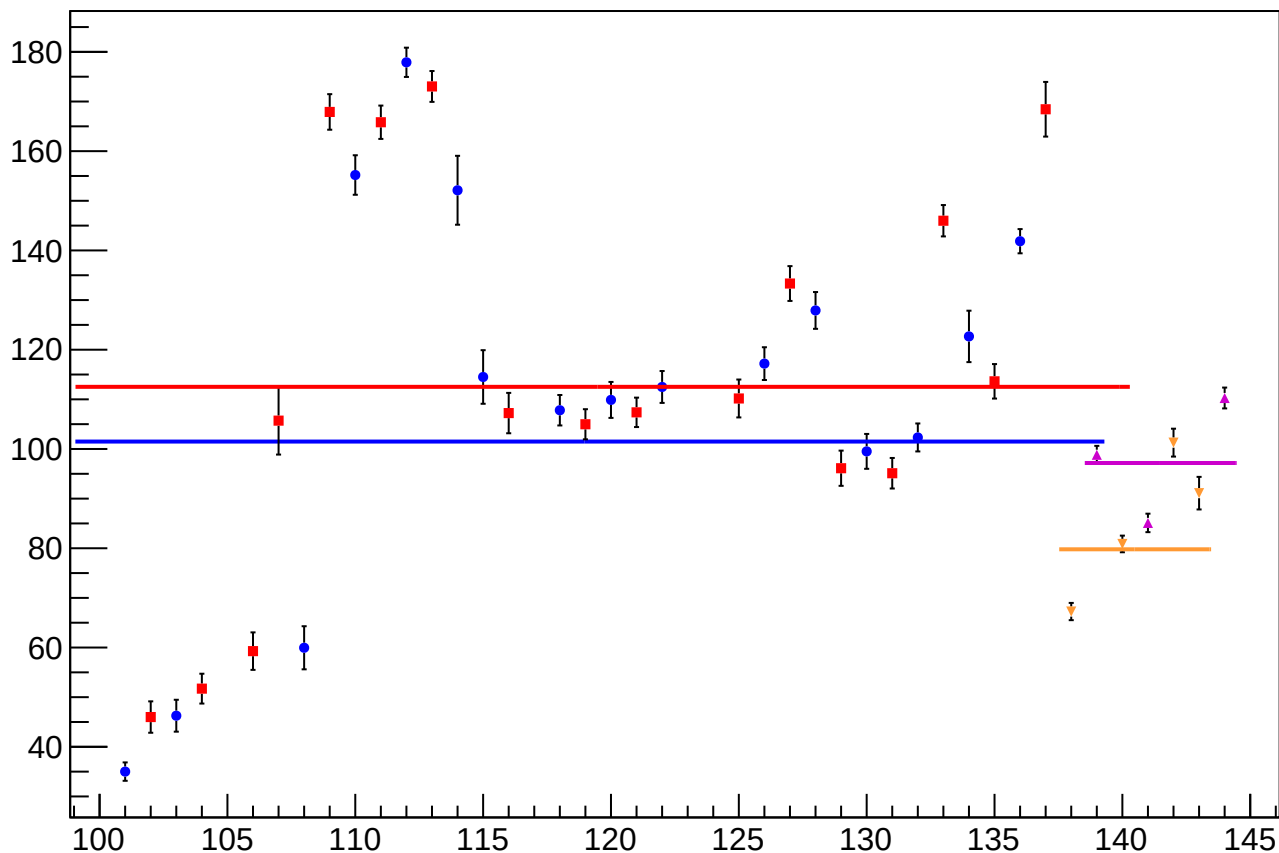
Right: 6.763 ± 0.310 χ^2/NDF : 886.1/32

In: 4.290 ± 0.383 χ^2/NDF : 523.3/18

Out: 5.986 ± 0.395 χ^2/NDF : 529.2/20

All: 5.111 ± 0.275 χ^2/NDF : 1062.1/39

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: 79.789 $\pm$ 1.050 χ^2 /NDF:122.9/3

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: 88.079 $\pm$ 0.759 χ^2 /NDF: 335.5/6

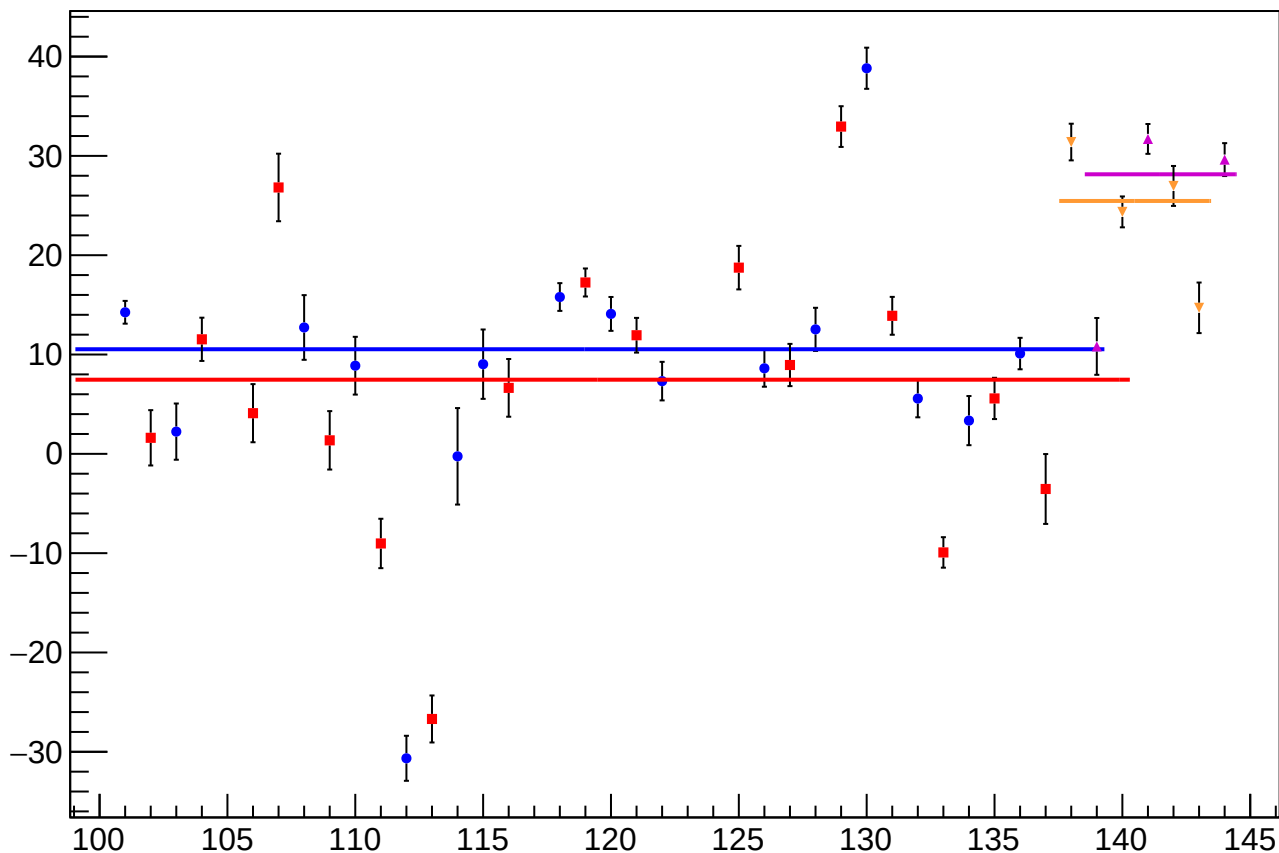
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 99.981 $\pm$ 0.651 χ^2 /NDF:3064.8/18

Out: 99.687 $\pm$ 0.657 χ^2 /NDF:2950.7/20

All: 99.836 $\pm$ 0.463 χ^2 /NDF: 6015.6/39

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: 25.462 $\pm$ 0.950 χ^2 /NDF:29.3/3

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: 26.686 $\pm$ 0.700 χ^2 /NDF: 76.0/6

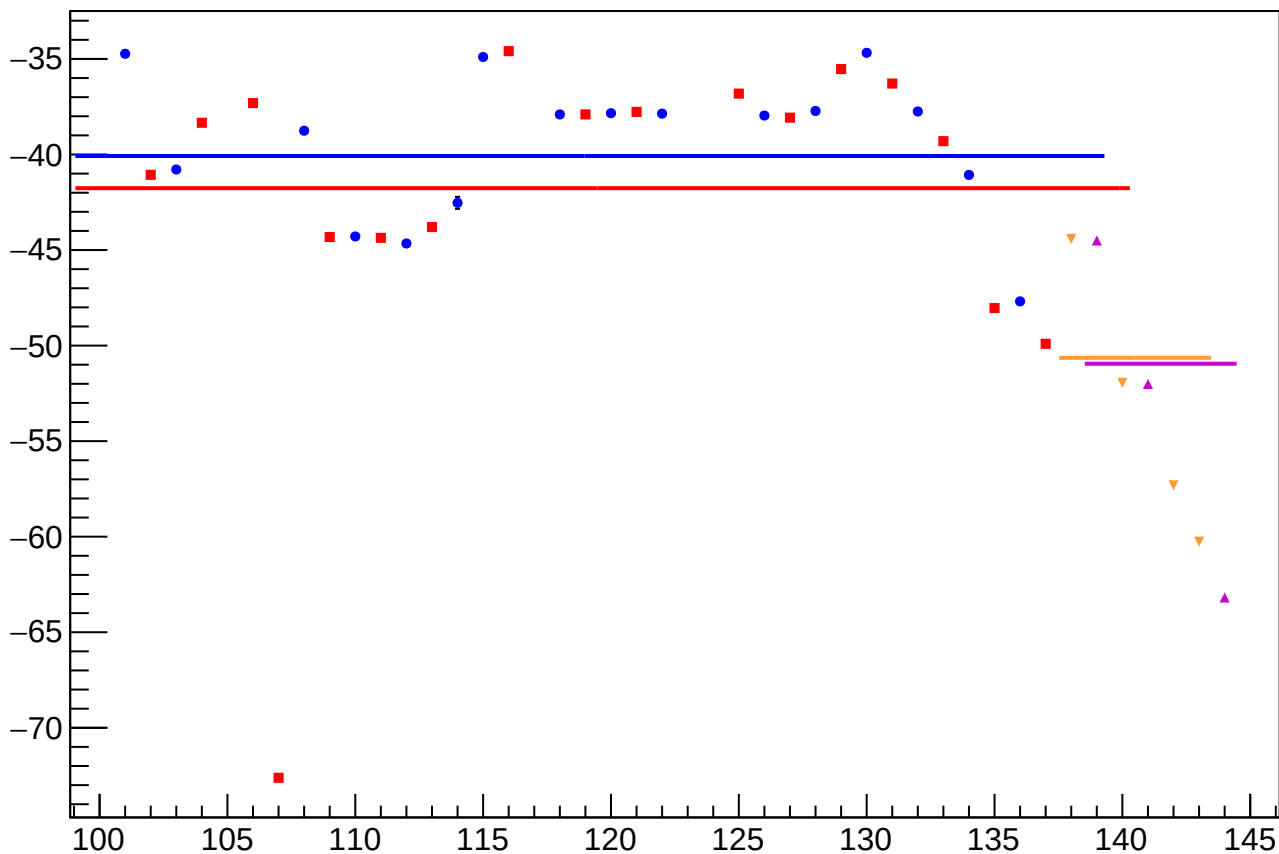
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 13.777 $\pm$ 0.445 χ^2 /NDF:858.7/18

Out: 11.678 $\pm$ 0.460 χ^2 /NDF:989.2/20

All: 12.761 $\pm$ 0.320 χ^2 /NDF: 1858.7/39

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079+/-0.028 χ^2/NDF : 25147.0/15

Left Out: -50.640+/-0.043 χ^2/NDF : 17328.0/3

Right Out: -41.764+/-0.029 χ^2/NDF : 60249.3/16

Left In: -50.949+/-0.043 χ^2/NDF : 28360.8/2

Left: -50.796+/-0.030 χ^2/NDF : 45714.6/6

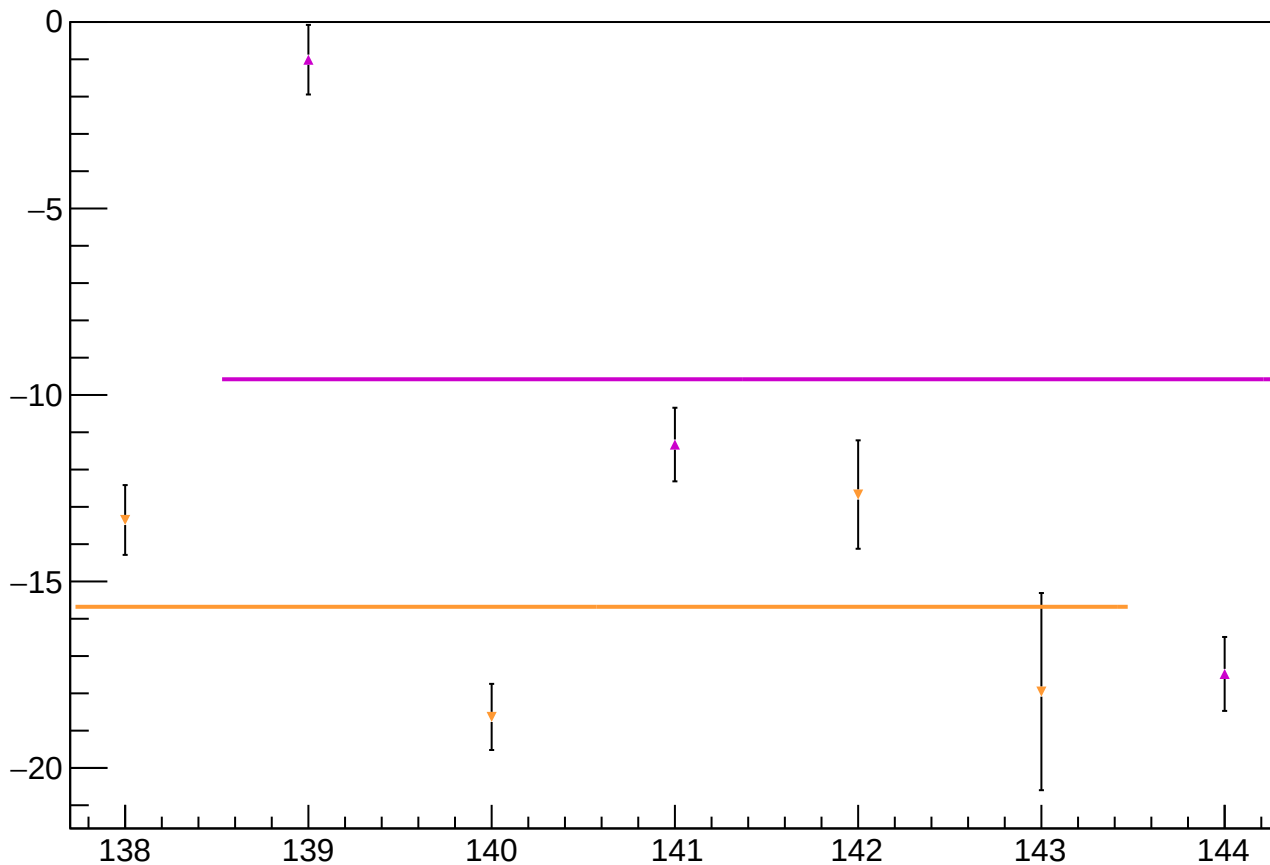
Right: -40.903+/-0.020 χ^2/NDF : 87139.1/32

In: -43.376+/-0.024 χ^2/NDF : 98500.0/18

Out: -44.495+/-0.024 χ^2/NDF : 106708.5/20

All: -43.925+/-0.017 χ^2/NDF : 206316.3/39

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.679+/-0.574 χ^2/NDF :22.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.579+/-0.560 χ^2/NDF :151.0/2

Left: -12.549+/-0.401 χ^2/NDF : 231.2/6

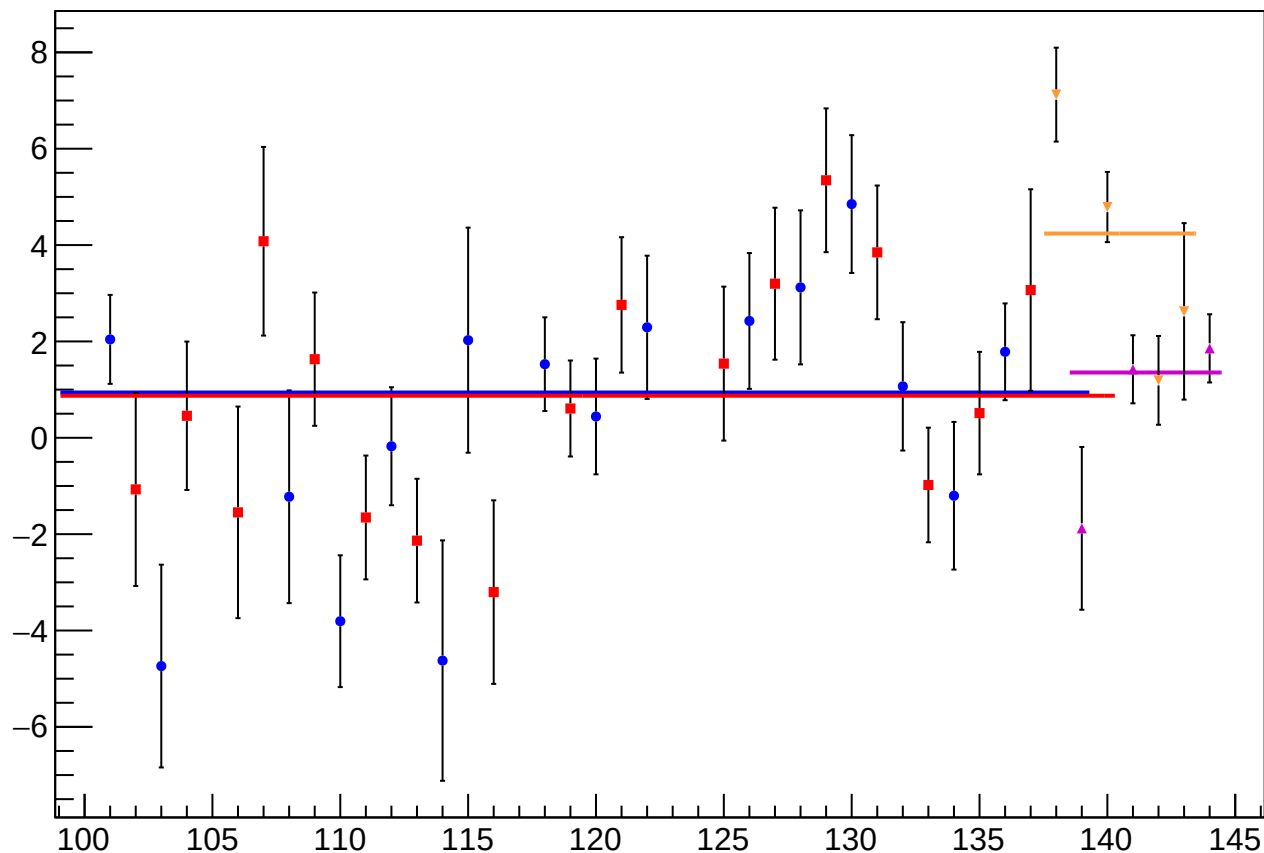
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.579+/-0.560 χ^2/NDF :151.0/2

Out: -15.679+/-0.574 χ^2/NDF :22.3/3

All: -12.549+/-0.401 χ^2/NDF : 231.2/6

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: 4.240 ± 0.476 $\chi^2/\text{NDF}: 21.0/3$

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: 2.808 ± 0.338 $\chi^2/\text{NDF}: 43.4/6$

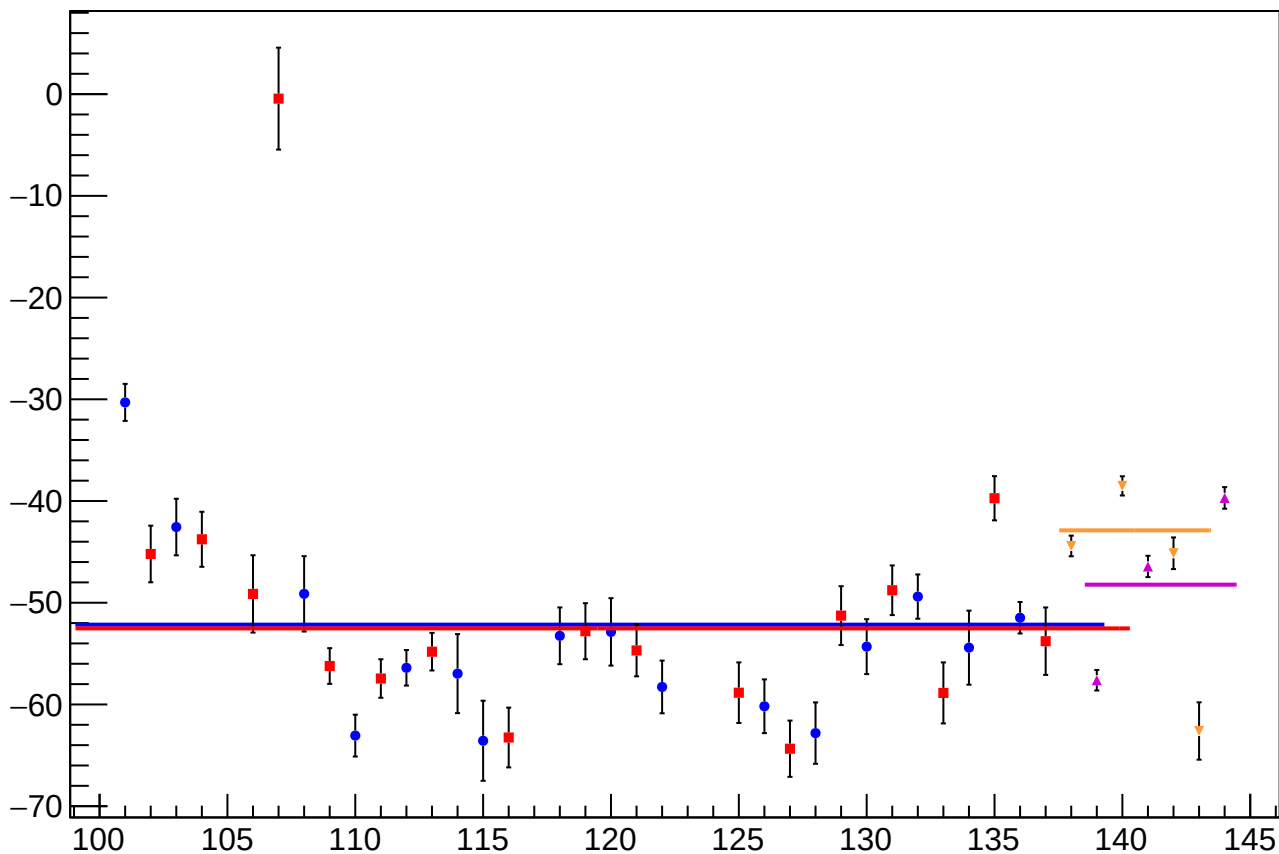
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 1.078 ± 0.277 $\chi^2/\text{NDF}: 46.9/18$

Out: 2.072 ± 0.284 $\chi^2/\text{NDF}: 93.8/20$

All: 1.561 ± 0.198 $\chi^2/\text{NDF}: 147.0/39$

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: -42.884 ± 0.616 χ^2/NDF : 74.8/3

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: -45.626 ± 0.430 χ^2/NDF : 267.6/6

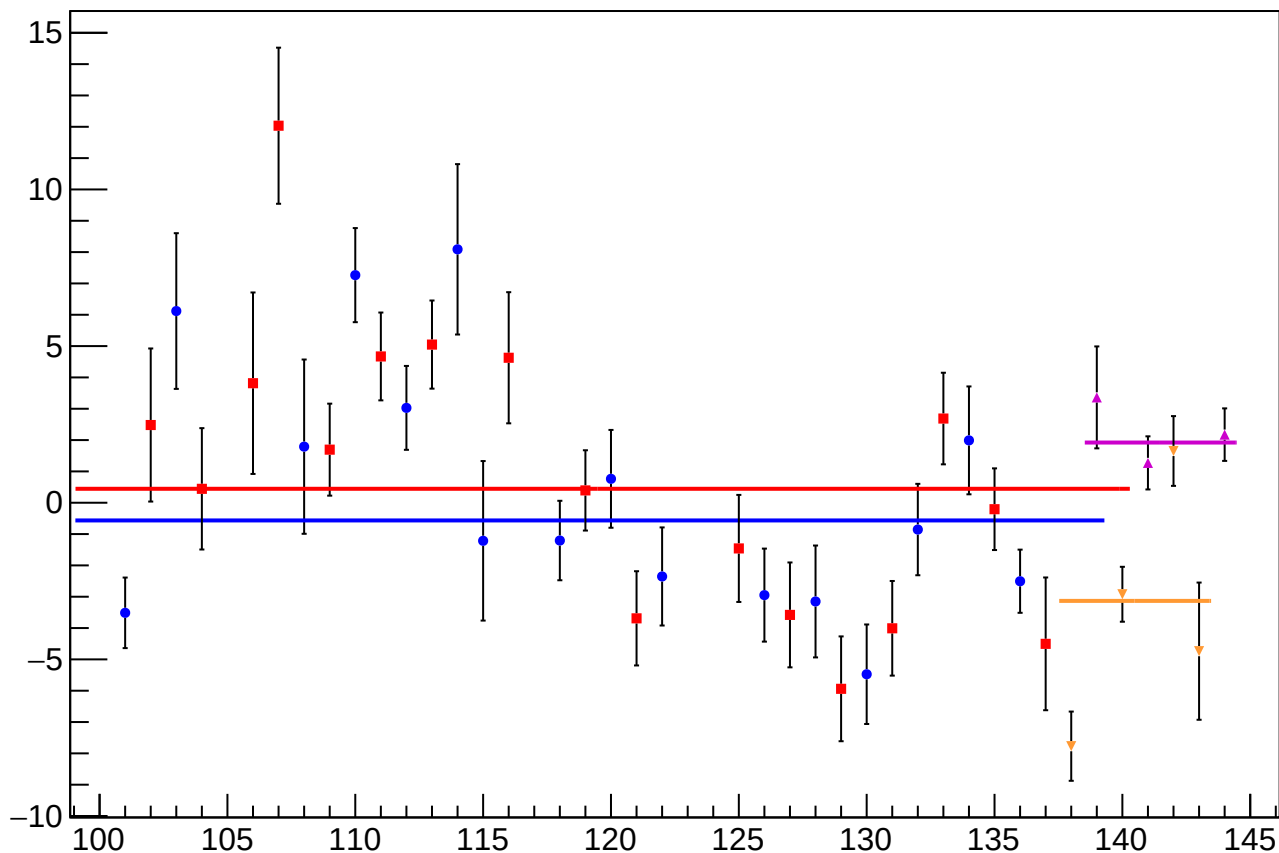
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -50.146 ± 0.429 χ^2/NDF : 406.3/18

Out: -47.692 ± 0.436 χ^2/NDF : 414.4/20

All: -48.941 ± 0.306 χ^2/NDF : 836.8/39

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: -3.133 ± 0.565 χ^2/NDF : 36.7/3

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: -0.583 ± 0.398 χ^2/NDF : 78.6/6

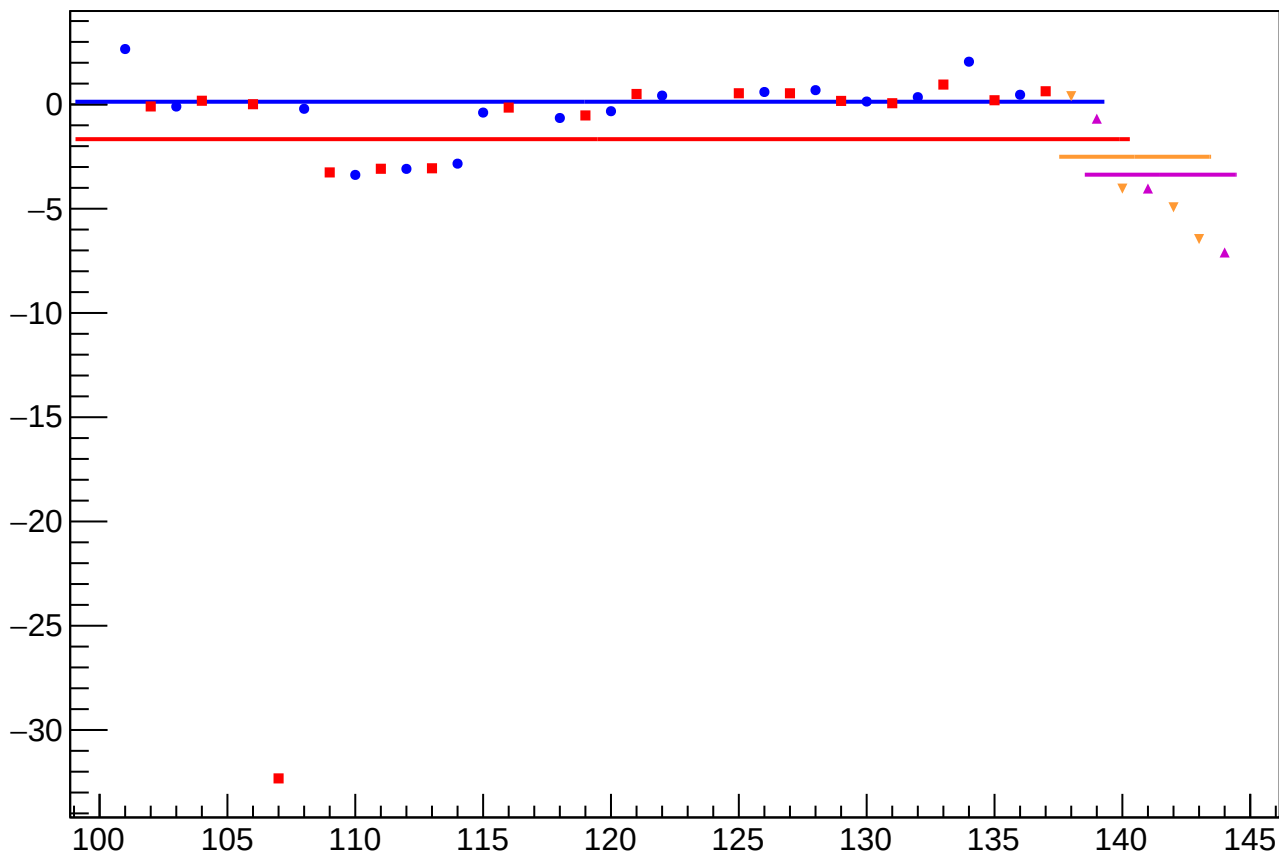
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 0.232 ± 0.317 χ^2/NDF : 96.7/18

Out: -0.751 ± 0.326 χ^2/NDF : 157.5/20

All: -0.245 ± 0.227 χ^2/NDF : 258.9/39

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -2.508 ± 0.025 $\chi^2/\text{NDF}: 9470.3/3$

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: -2.969 ± 0.017 $\chi^2/\text{NDF}: 22486.8/6$

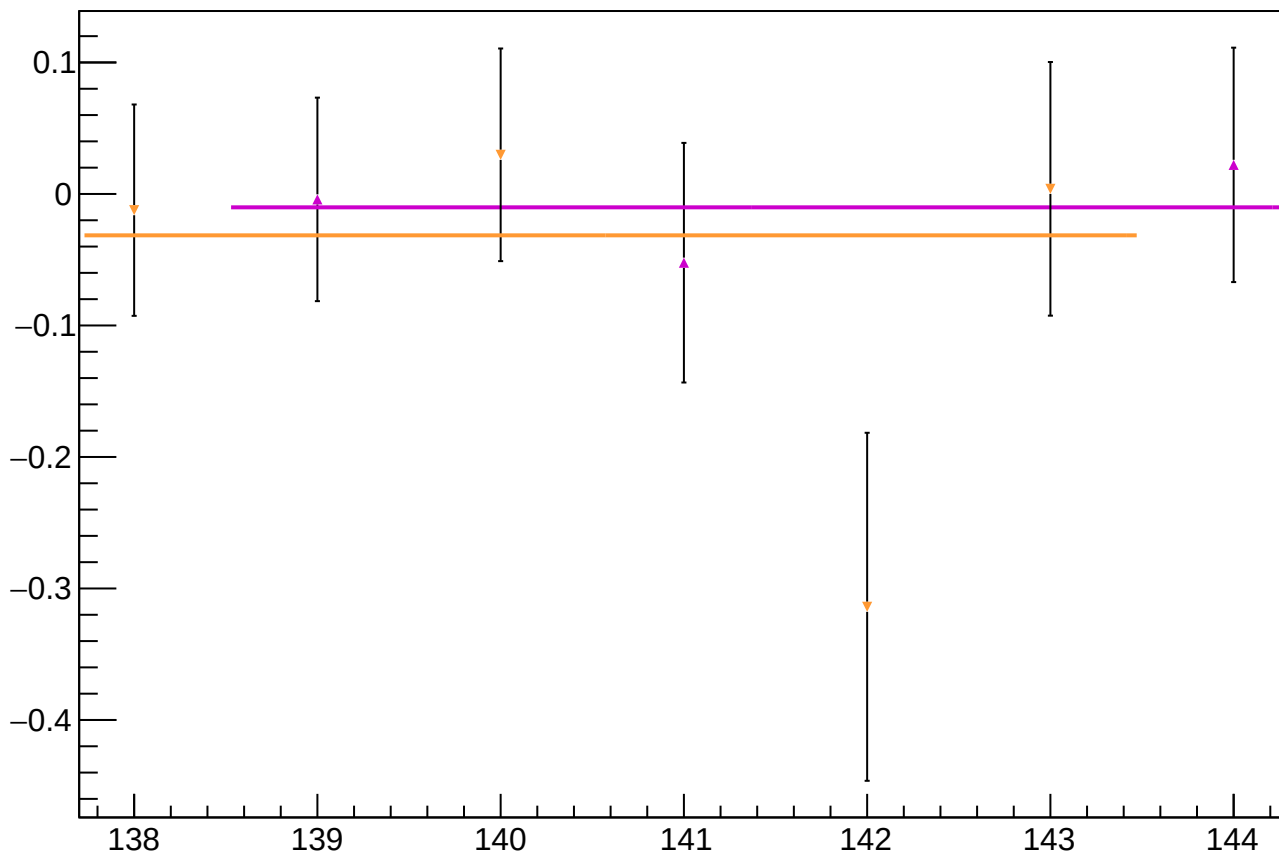
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -1.465 ± 0.016 $\chi^2/\text{NDF}: 29686.4/18$

Out: -2.026 ± 0.017 $\chi^2/\text{NDF}: 87708.7/20$

All: -1.734 ± 0.011 $\chi^2/\text{NDF}: 117993.1/39$

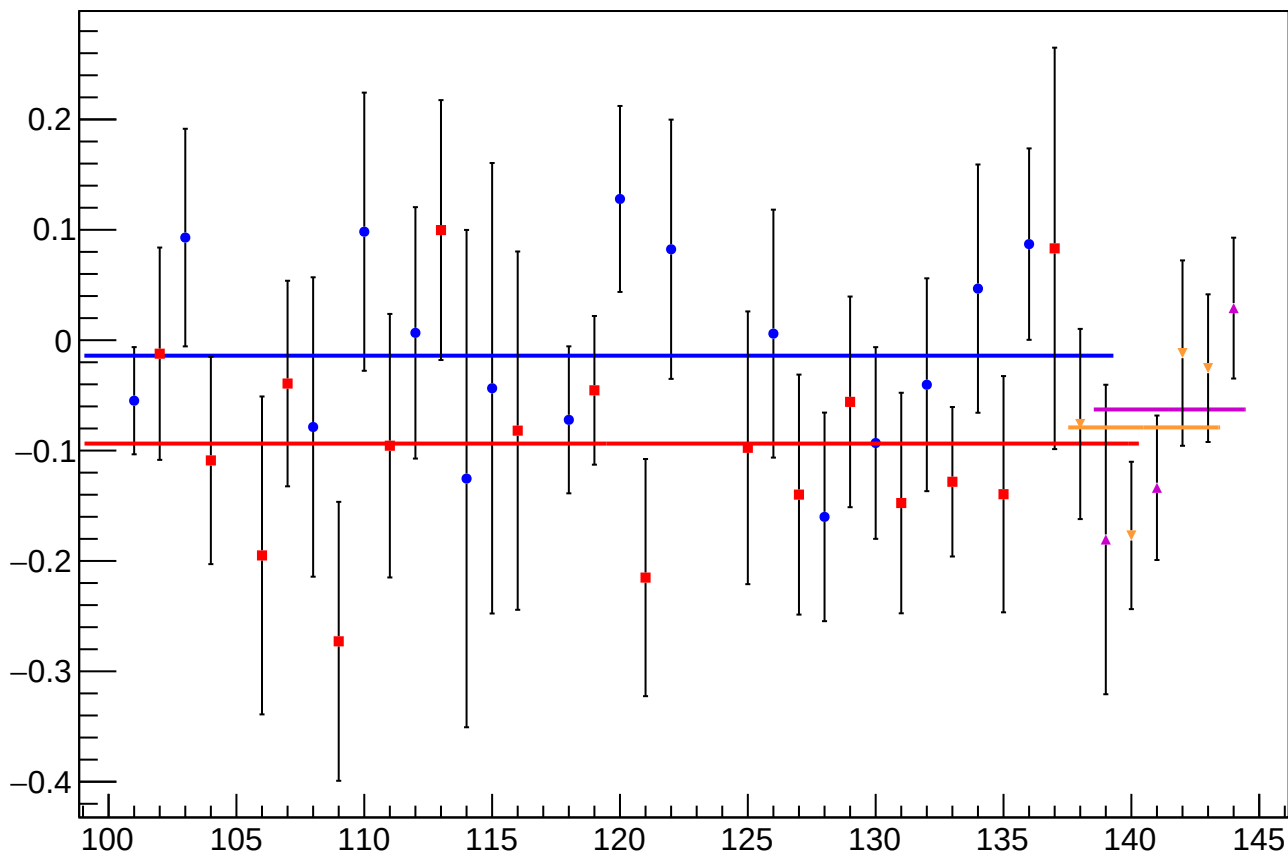
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.031+/-0.046 χ^2/NDF : 5.3/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.010+/-0.049 χ^2/NDF : 0.4/2

Left: -0.022+/-0.034 χ^2/NDF : 5.8/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.010+/-0.049 χ^2/NDF : 0.4/2
 Out: -0.031+/-0.046 χ^2/NDF : 5.3/3
 All: -0.022+/-0.034 χ^2/NDF : 5.8/6

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: -0.079 ± 0.037 χ^2/NDF : 3.4/3

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 ± 0.028 χ^2/NDF : 7.5/6

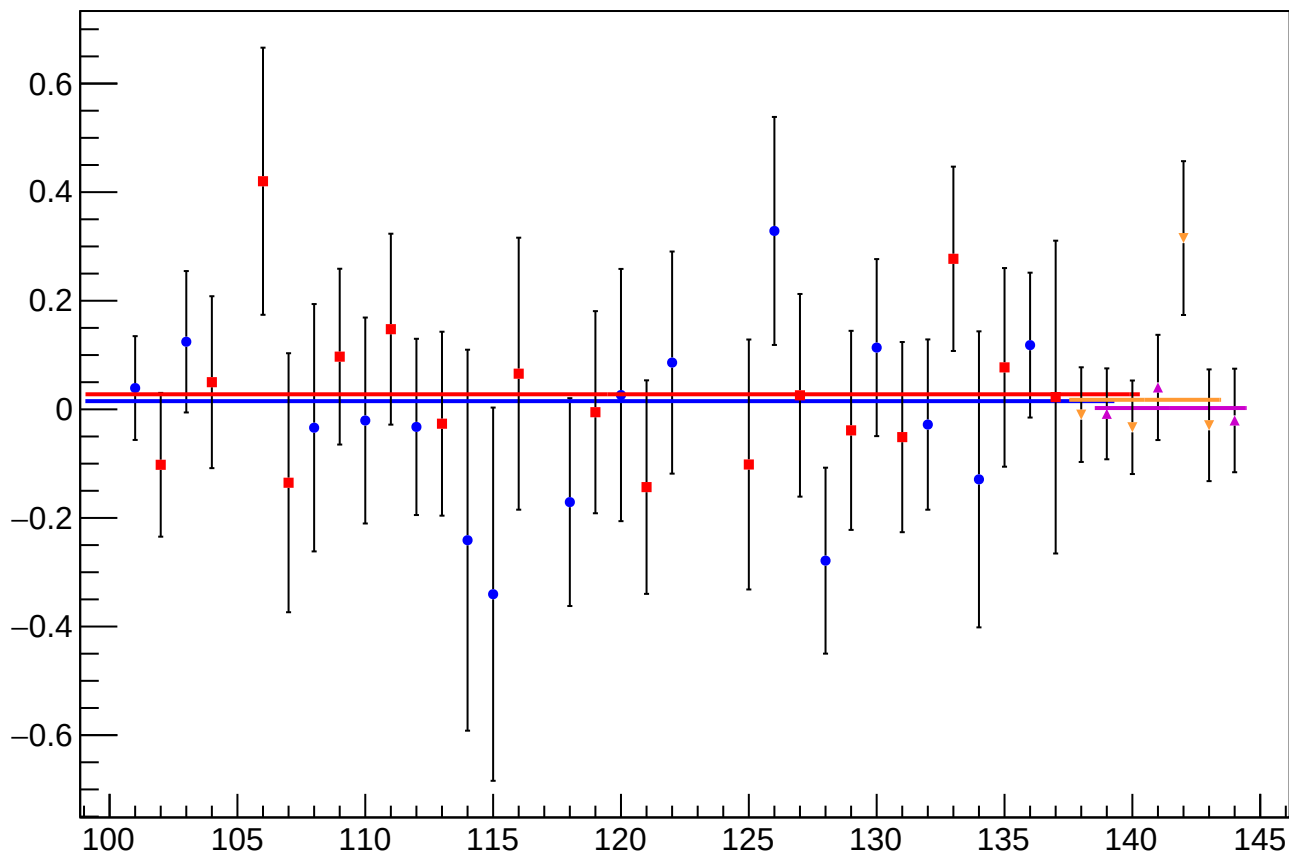
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.025 ± 0.021 χ^2/NDF : 17.4/18

Out: -0.089 ± 0.021 χ^2/NDF : 13.7/20

All: -0.057 ± 0.015 χ^2/NDF : 35.9/39

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: 0.018 $\pm$ 0.049 χ^2 /NDF:5.1/3

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: 0.010 $\pm$ 0.036 χ^2 /NDF: 5.3/6

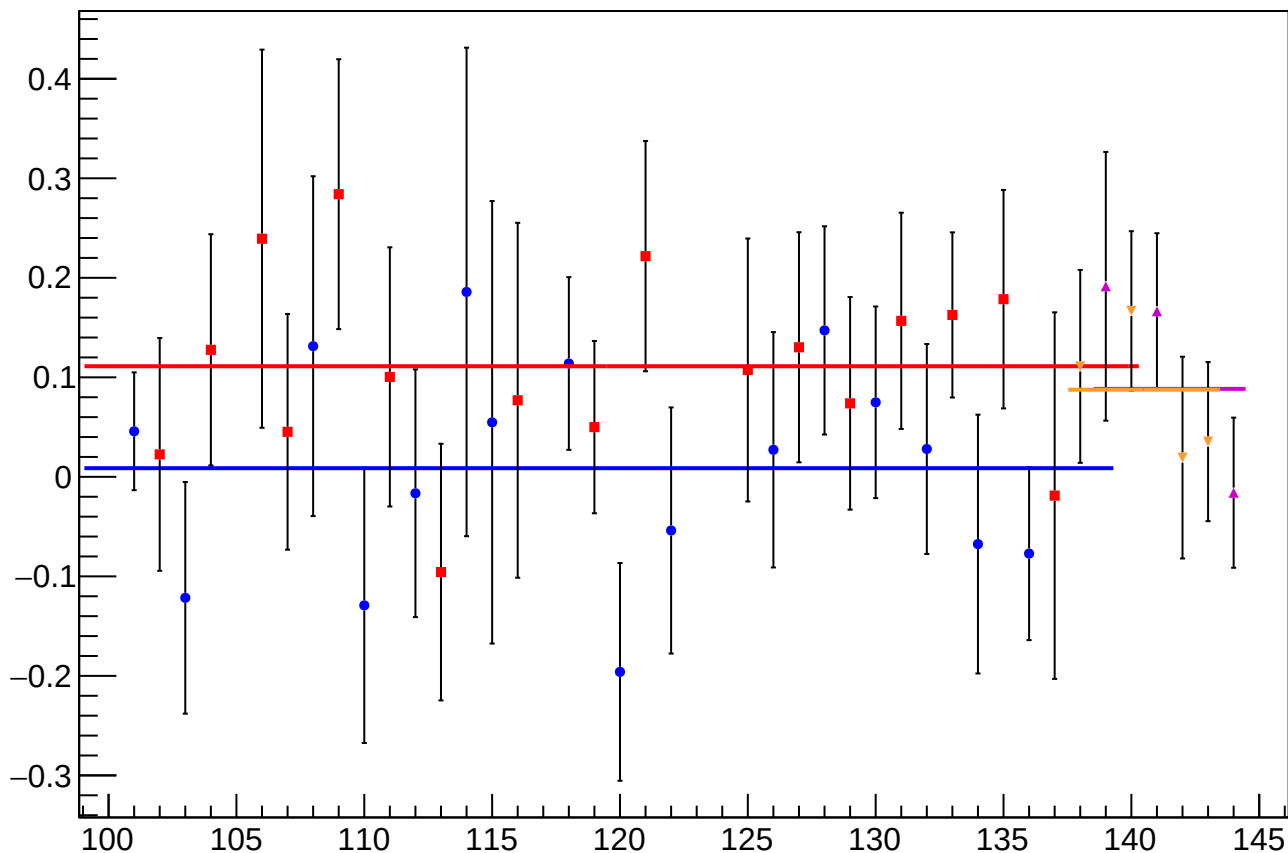
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.010 $\pm$ 0.033 χ^2 /NDF:10.4/18

Out: 0.023 $\pm$ 0.033 χ^2 /NDF:13.5/20

All: 0.017 $\pm$ 0.024 χ^2 /NDF: 24.0/39

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: 0.088 $\pm$ 0.044 χ^2 /NDF:1.9/3

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: 0.088 $\pm$ 0.033 χ^2 /NDF: 5.4/6

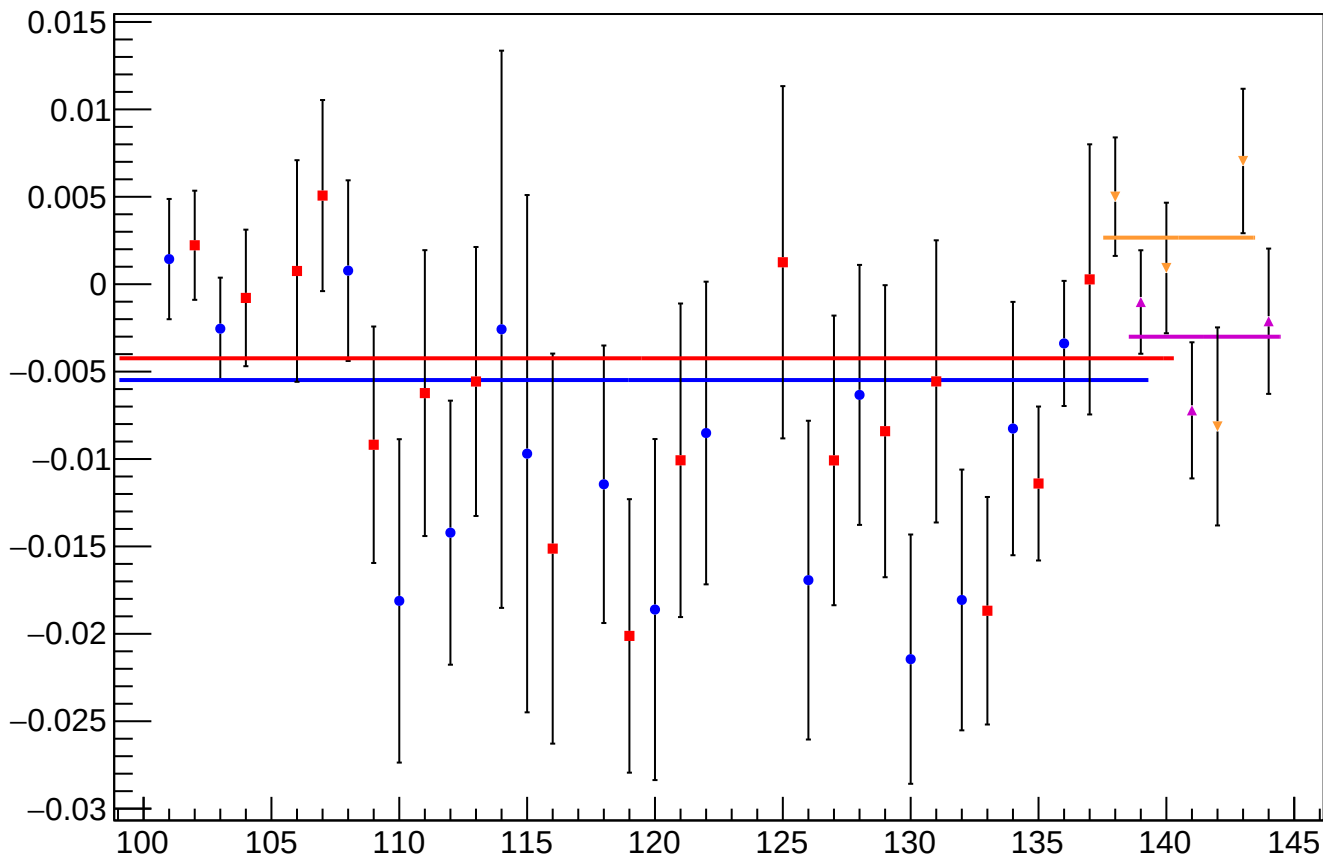
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.026 $\pm$ 0.024 χ^2 /NDF:18.0/18

Out: 0.104 $\pm$ 0.024 χ^2 /NDF:10.7/20

All: 0.065 $\pm$ 0.017 χ^2 /NDF: 34.0/39

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: 0.003 ± 0.002 χ^2/NDF : 5.5/3

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: -0.000 ± 0.001 χ^2/NDF : 11.0/6

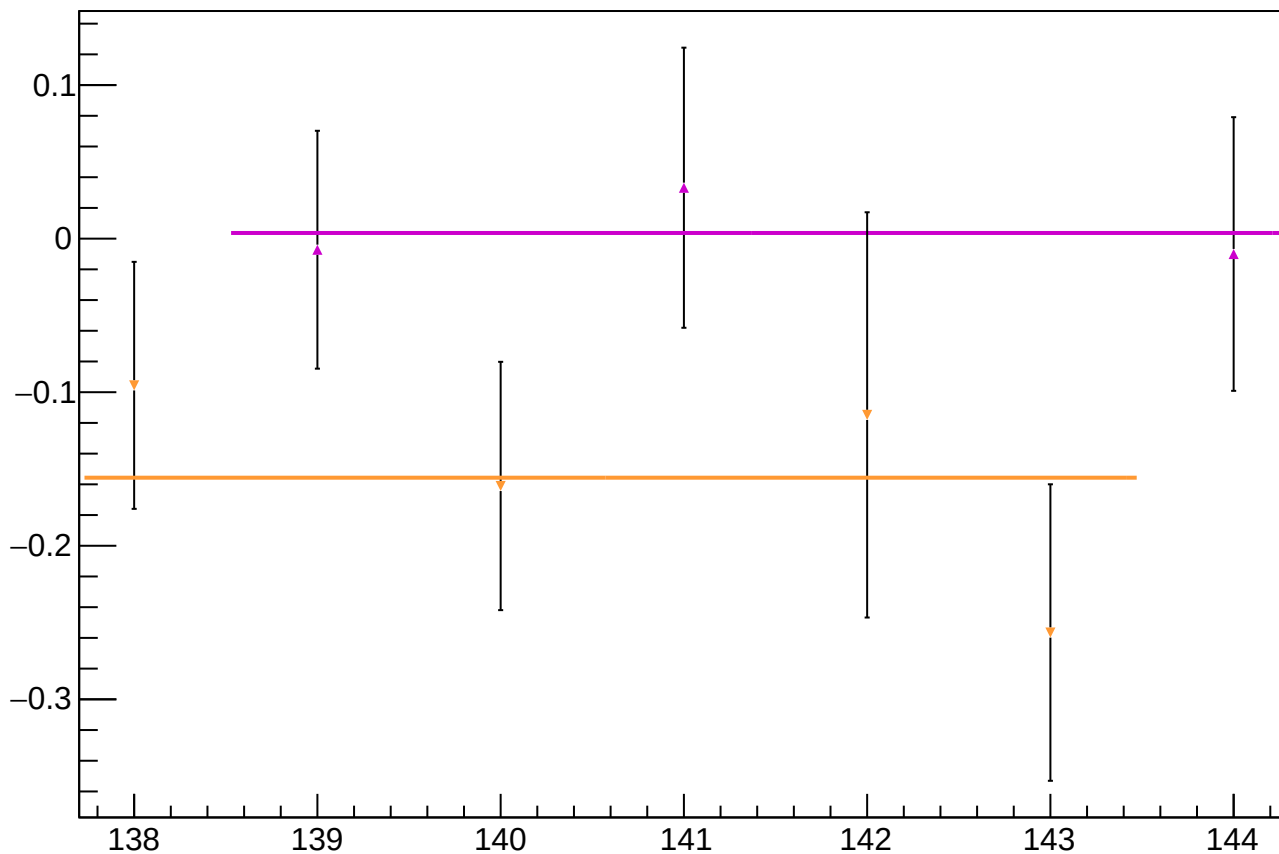
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.005 ± 0.001 χ^2/NDF : 24.9/18

Out: -0.002 ± 0.001 χ^2/NDF : 36.9/20

All: -0.003 ± 0.001 χ^2/NDF : 64.7/39

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: -0.156 $\pm$ 0.046 χ^2 /NDF:1.8/3

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: -0.081 $\pm$ 0.034 χ^2 /NDF: 7.5/6

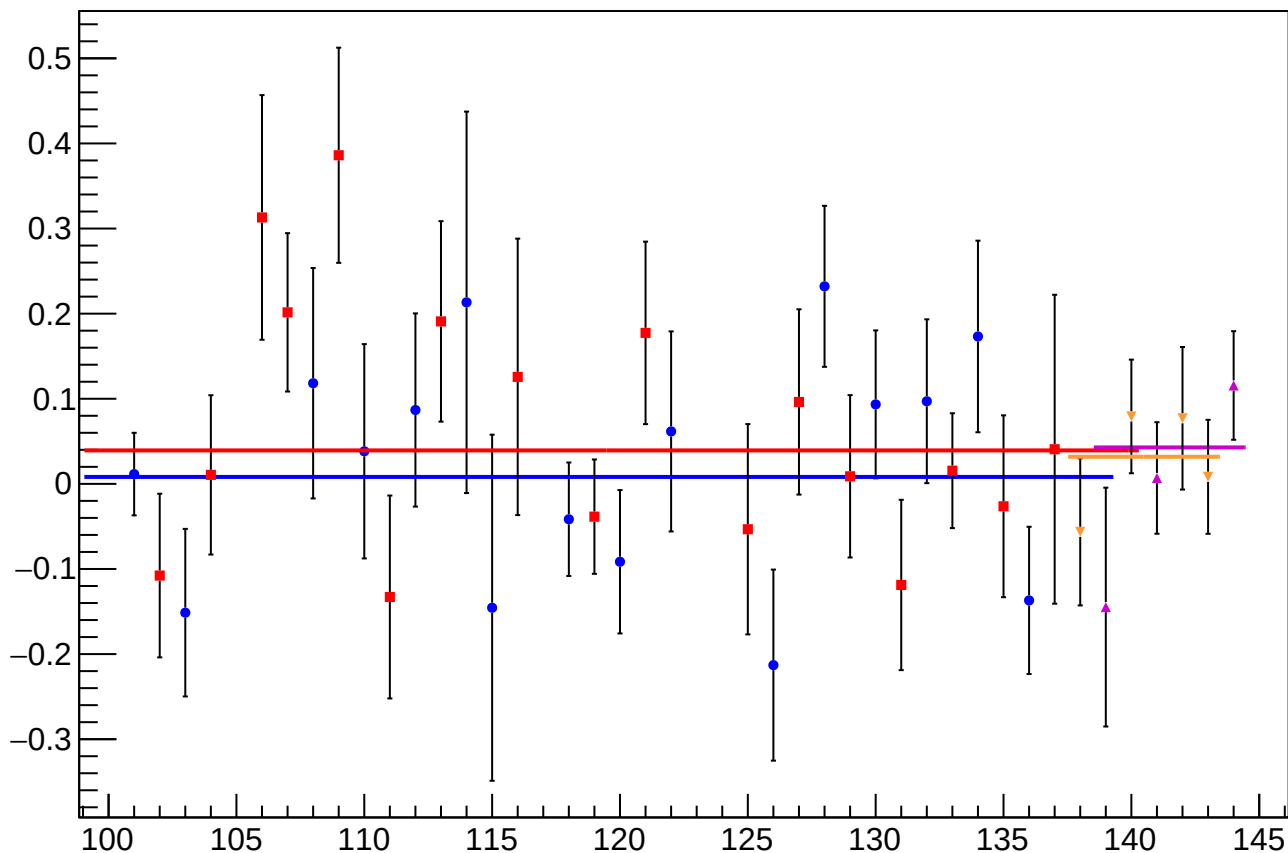
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2

Out: -0.156 $\pm$ 0.046 χ^2 /NDF:1.8/3

All: -0.081 $\pm$ 0.034 χ^2 /NDF: 7.5/6

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: 0.032 $\pm$ 0.037 χ^2 /NDF:2.0/3

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: 0.036 $\pm$ 0.028 χ^2 /NDF: 5.4/6

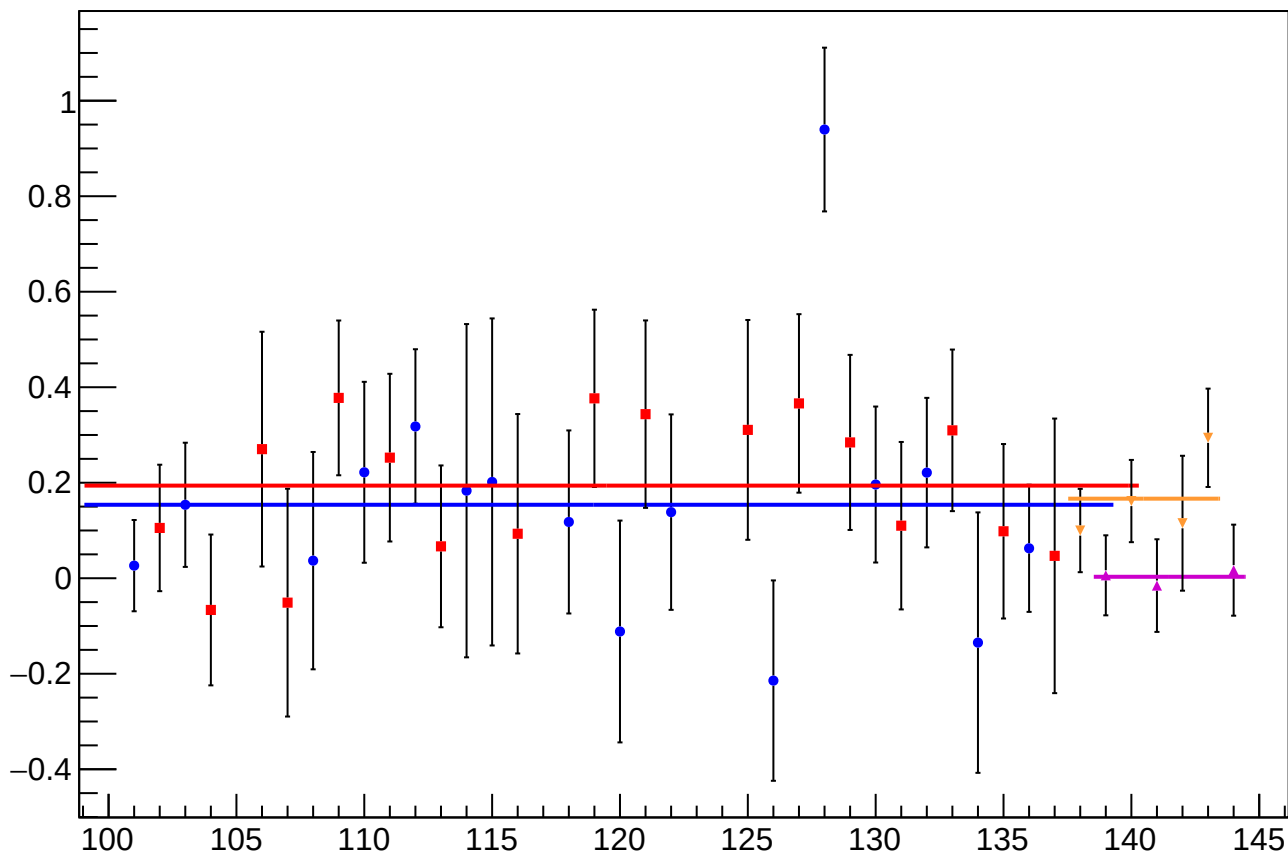
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.016 $\pm$ 0.021 χ^2 /NDF:27.5/18

Out: 0.037 $\pm$ 0.021 χ^2 /NDF:29.6/20

All: 0.026 $\pm$ 0.015 χ^2 /NDF: 57.7/39

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.167 ± 0.049 χ^2/NDF : 2.3/3

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: 0.003 ± 0.053 χ^2/NDF : 0.1/2

Left: 0.090 ± 0.036 χ^2/NDF : 7.4/6

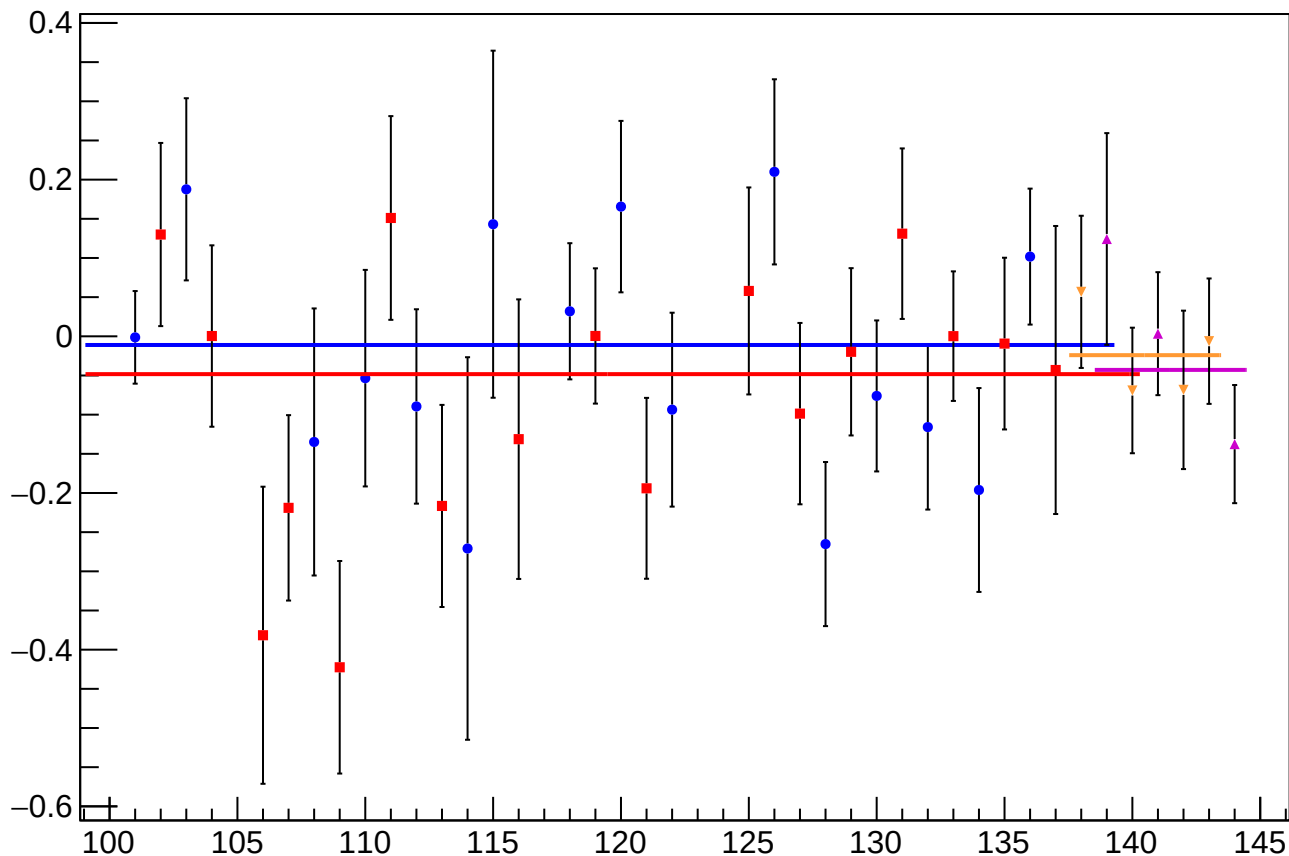
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.094 ± 0.033 χ^2/NDF : 35.5/18

Out: 0.182 ± 0.033 χ^2/NDF : 13.0/20

All: 0.138 ± 0.024 χ^2/NDF : 51.9/39

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: -0.024 ± 0.044 χ^2/NDF : 1.3/3

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: -0.032 ± 0.033 χ^2/NDF : 4.8/6

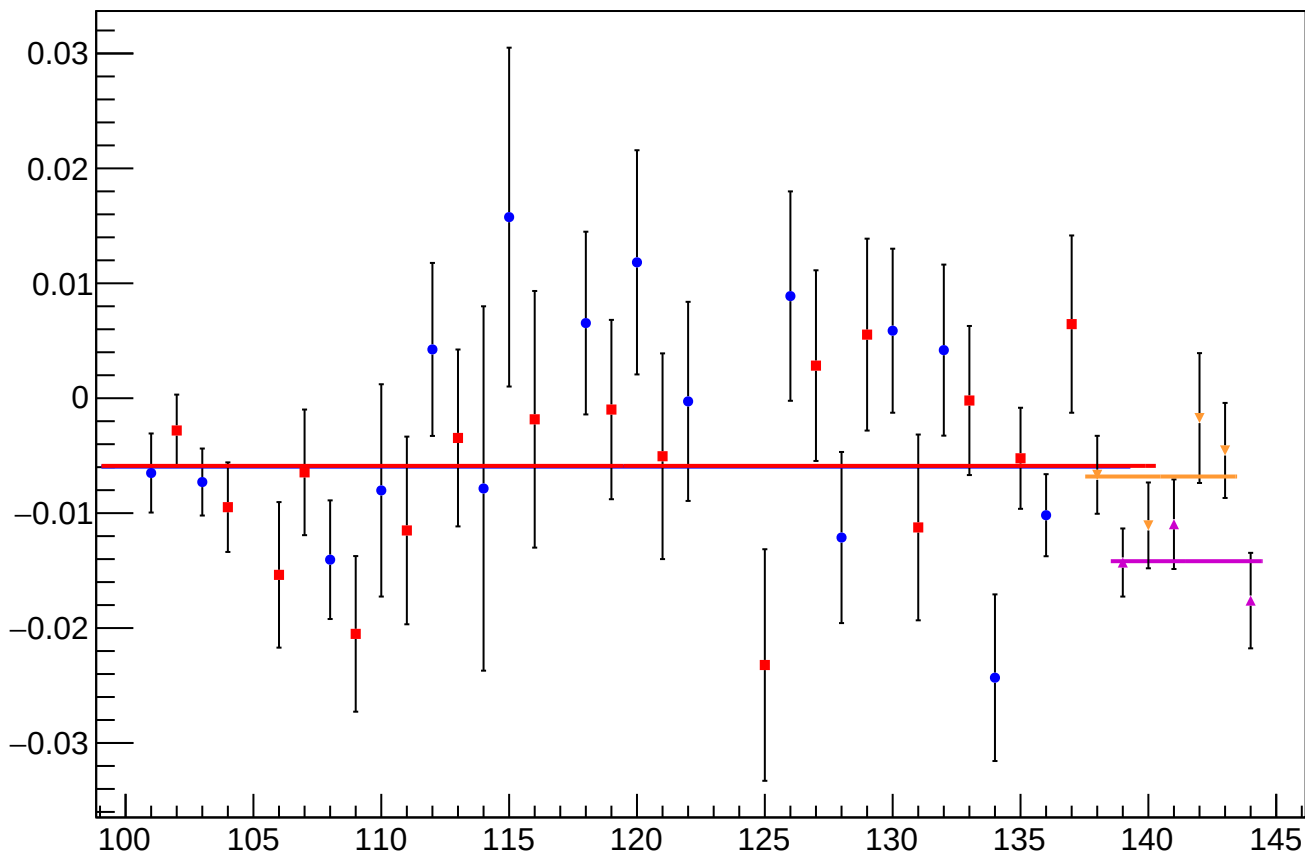
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.018 ± 0.024 χ^2/NDF : 27.2/18

Out: -0.041 ± 0.024 χ^2/NDF : 27.0/20

All: -0.029 ± 0.017 χ^2/NDF : 54.7/39

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: -0.007 ± 0.002 χ^2/NDF : 2.4/3

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: -0.010 ± 0.001 χ^2/NDF : 10.4/6

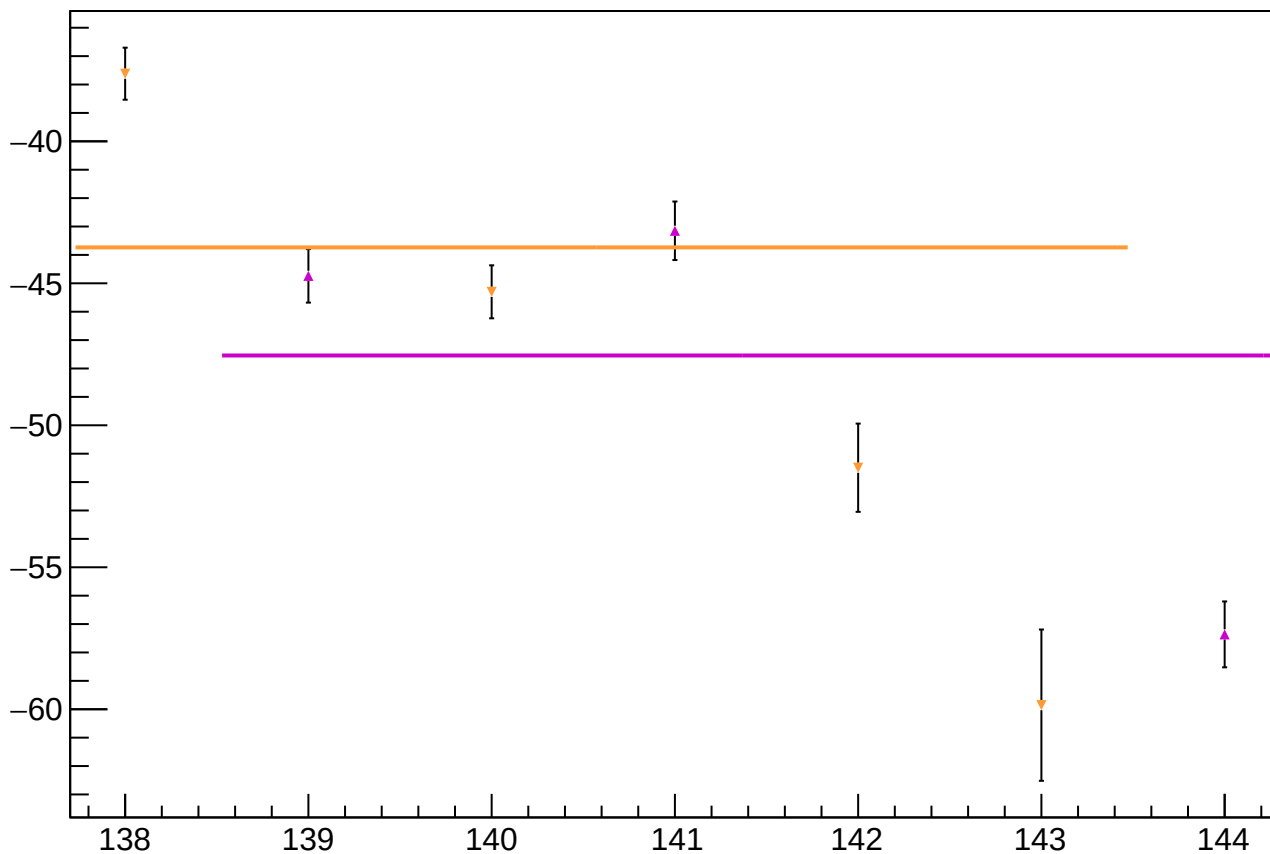
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 40.9/18

Out: -0.006 ± 0.001 χ^2/NDF : 22.1/20

All: -0.007 ± 0.001 χ^2/NDF : 65.2/39

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: -43.735+/-0.588 χ^2/NDF :108.9/3

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: -45.610+/-0.419 χ^2/NDF : 228.2/6

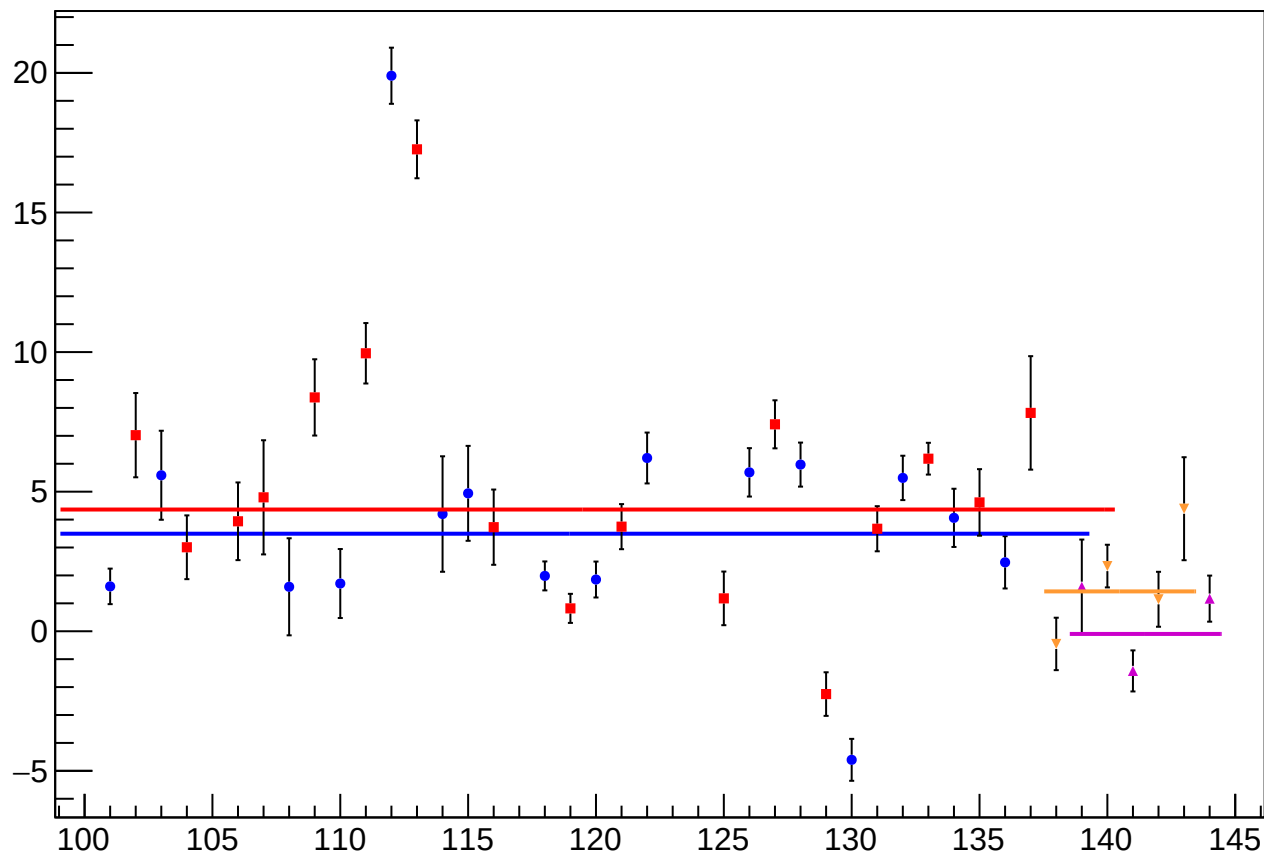
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.542+/-0.596 χ^2/NDF :98.7/2

Out: -43.735+/-0.588 χ^2/NDF :108.9/3

All: -45.610+/-0.419 χ^2/NDF : 228.2/6

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.427 ± 0.490 $\chi^2/\text{NDF}: 8.1/3$

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: 0.715 ± 0.357 $\chi^2/\text{NDF}: 19.2/6$

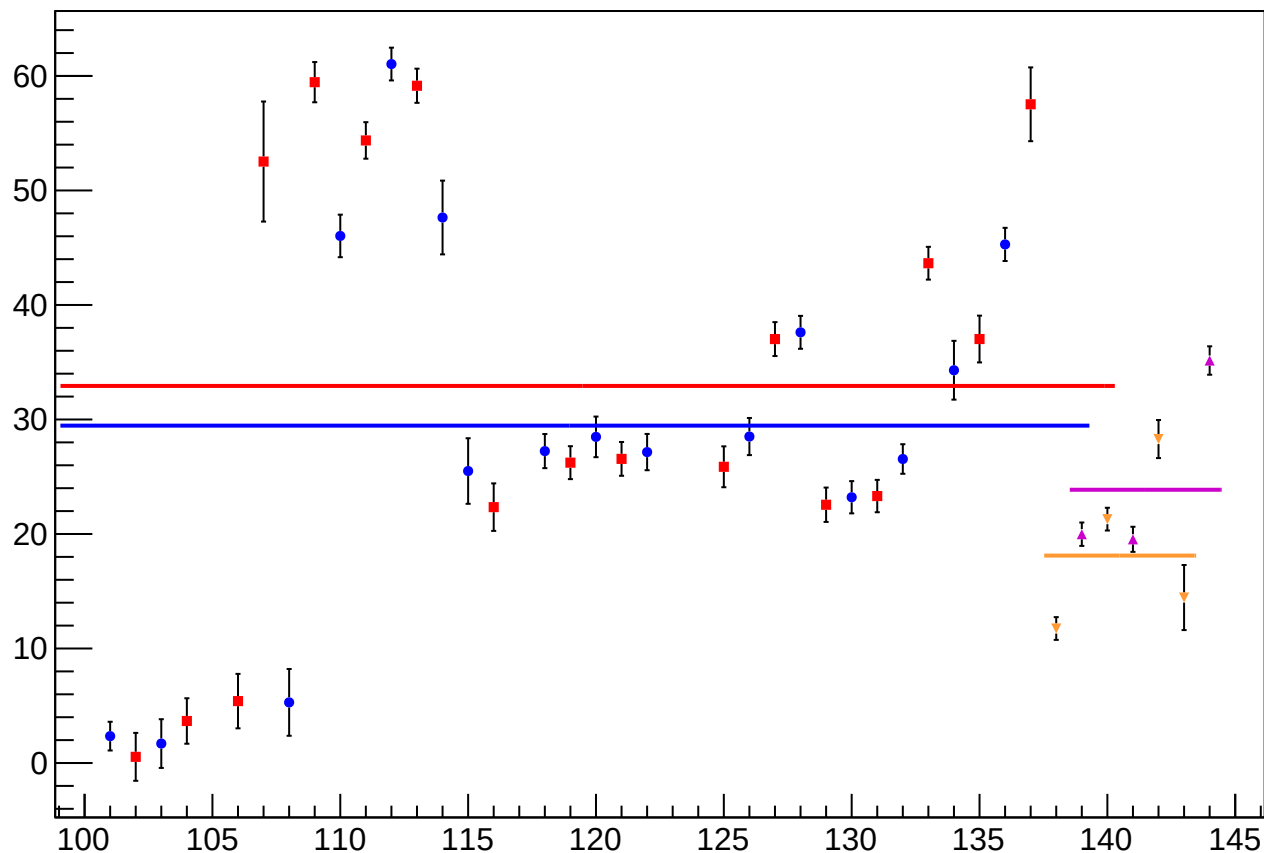
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 2.963 ± 0.201 $\chi^2/\text{NDF}: 491.8/18$

Out: 3.847 ± 0.205 $\chi^2/\text{NDF}: 388.7/20$

All: 3.397 ± 0.143 $\chi^2/\text{NDF}: 889.9/39$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2/NDF : 1491.6/15

Left Out: 18.115 $\pm$ 0.631 χ^2/NDF :90.4/3

Right Out: 32.930 $\pm$ 0.423 χ^2/NDF : 1624.4/16

Left In: 23.864 $\pm$ 0.640 χ^2/NDF :112.8/2

Left: 20.949 $\pm$ 0.449 χ^2/NDF : 244.2/6

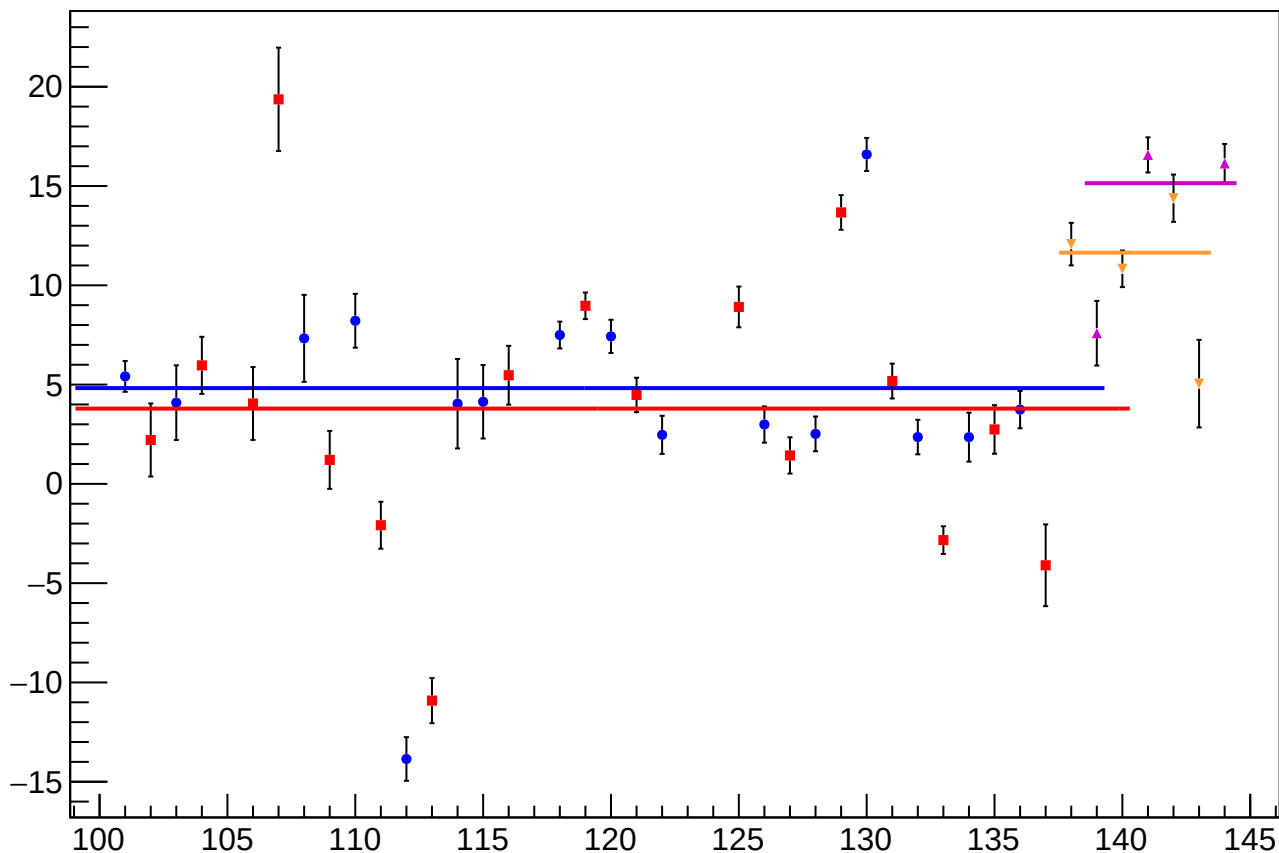
Right: 31.172 $\pm$ 0.297 χ^2/NDF : 3150.0/32

In: 27.791 $\pm$ 0.350 χ^2/NDF :1658.1/18

Out: 28.329 $\pm$ 0.352 χ^2/NDF :2094.9/20

All: 28.058 $\pm$ 0.248 χ^2/NDF : 3754.2/39

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: 11.643 $\pm$ 0.581 χ^2 /NDF:15.2/3

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: 13.312 $\pm$ 0.420 χ^2 /NDF: 57.7/6

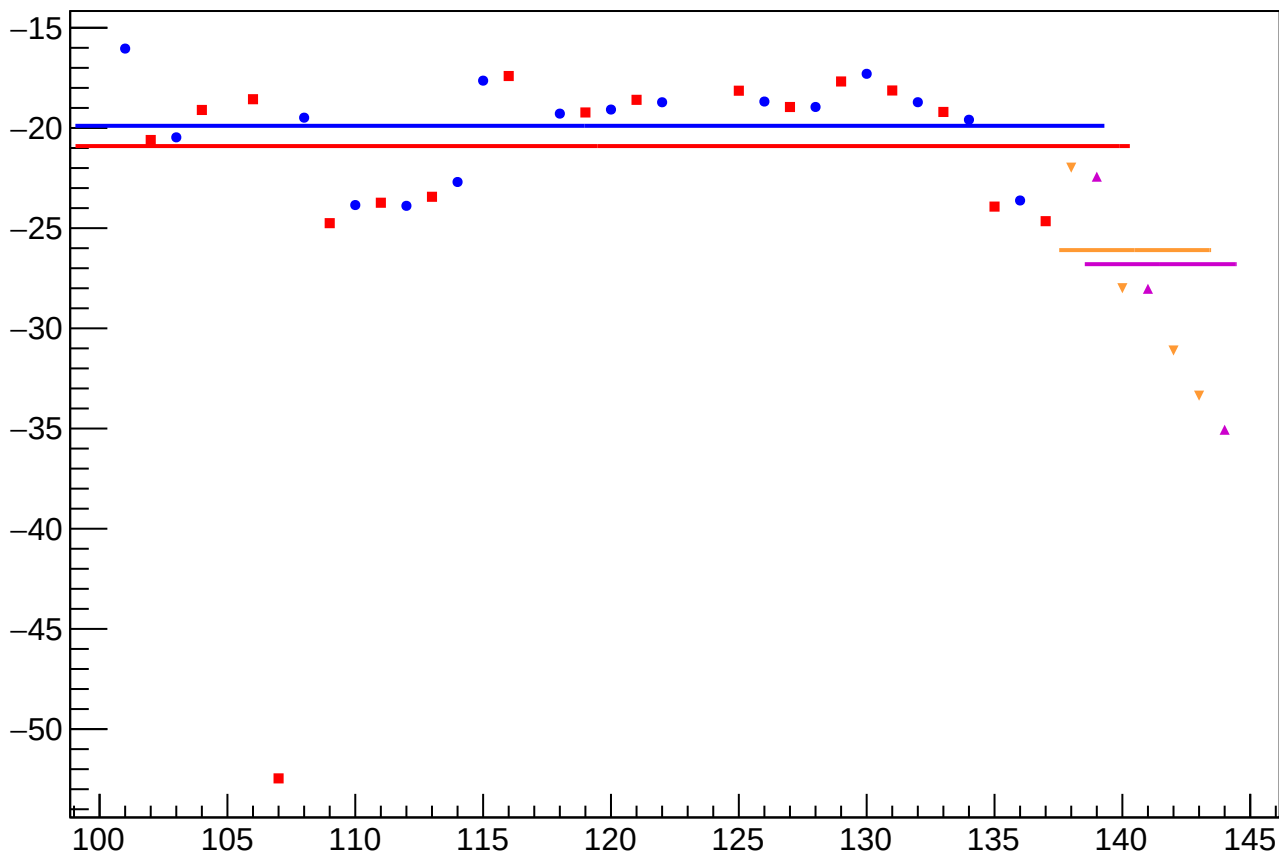
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 6.331 $\pm$ 0.233 χ^2 /NDF:823.6/18

Out: 5.093 $\pm$ 0.237 χ^2 /NDF:731.1/20

All: 5.722 $\pm$ 0.166 χ^2 /NDF: 1568.7/39

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -26.095 $\pm$ 0.026 χ^2 /NDF:22678.7/3

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -26.797 $\pm$ 0.025 χ^2 /NDF:38710.5/2

Left: -26.462 $\pm$ 0.018 χ^2 /NDF: 61772.2/6

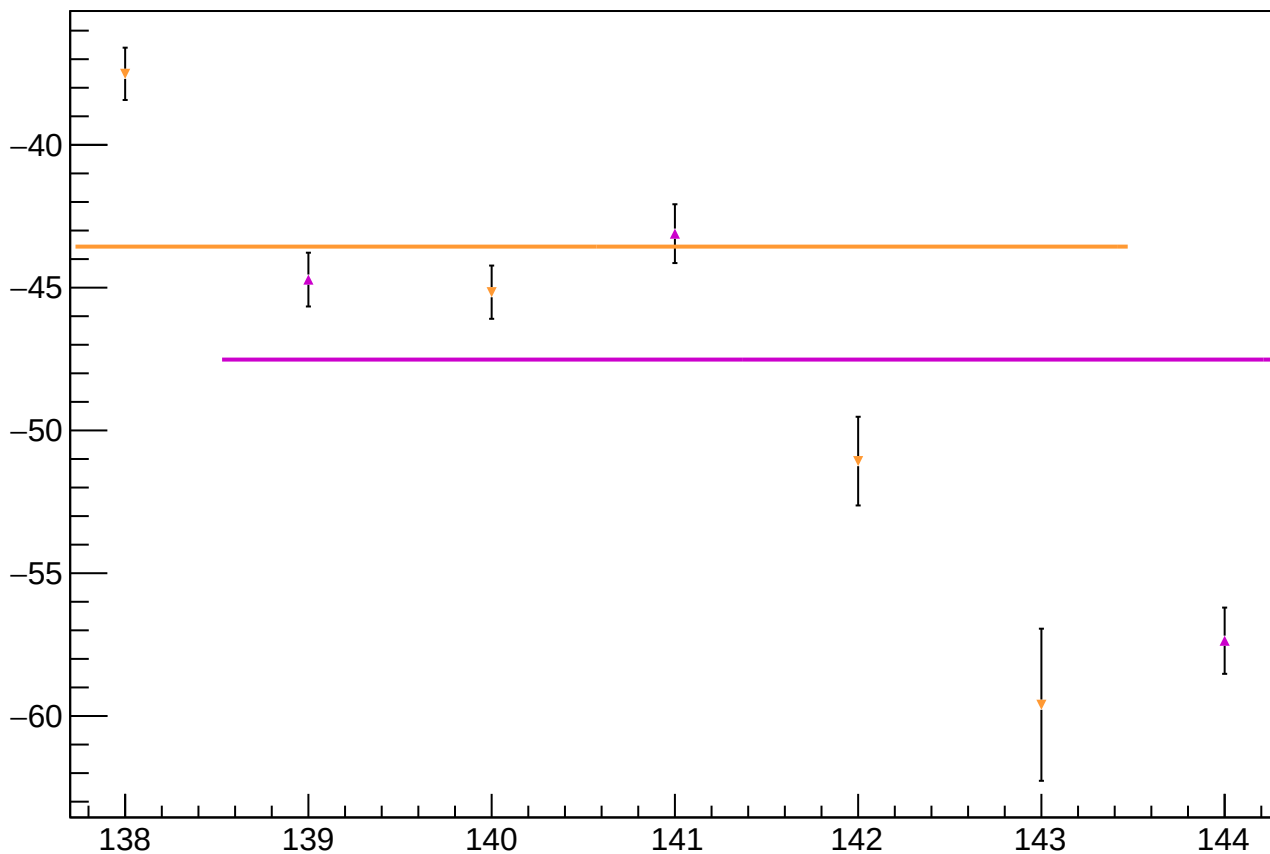
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.849 $\pm$ 0.013 χ^2 /NDF:120426.5/18

Out: -22.301 $\pm$ 0.013 χ^2 /NDF:144769.6/20

All: -22.071 $\pm$ 0.009 χ^2 /NDF: 265770.2/39

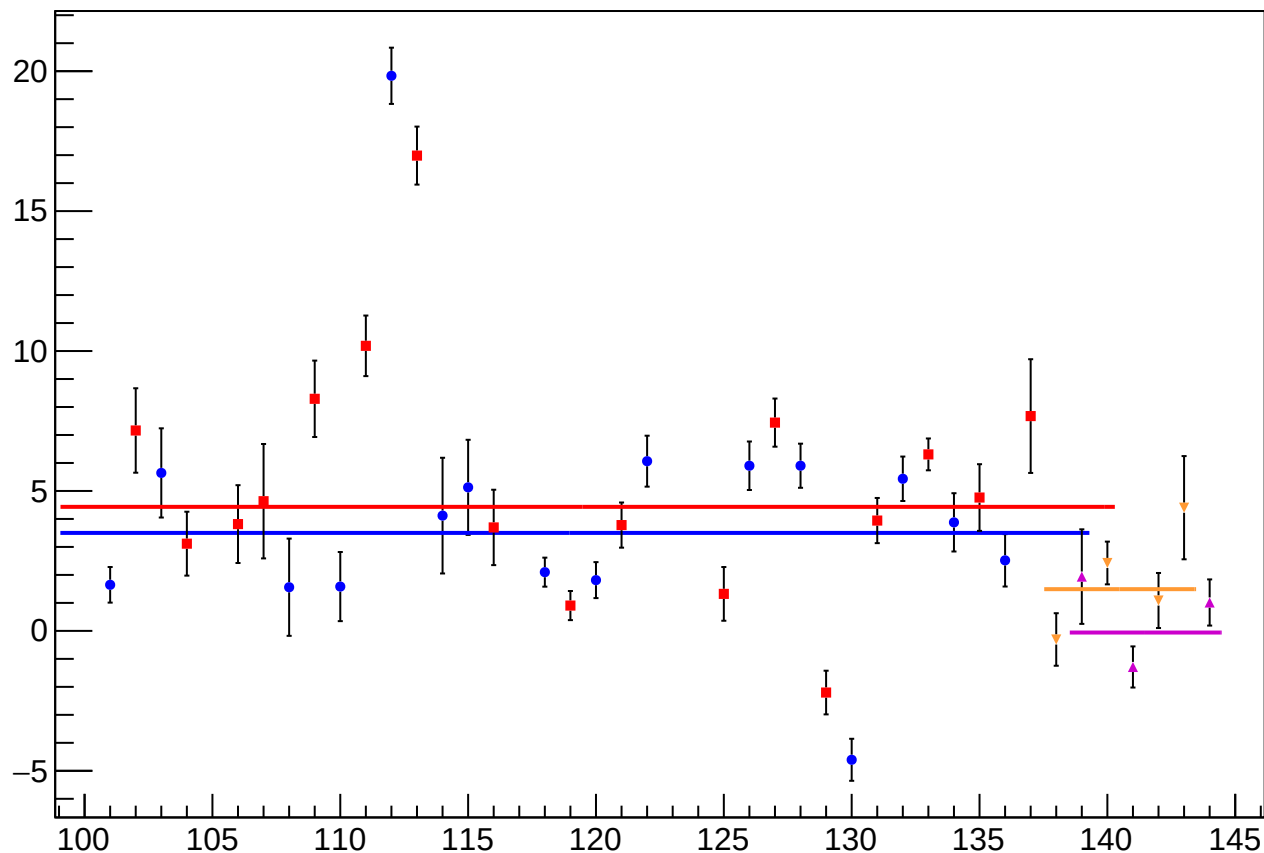
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -43.563+/-0.587 χ^2/NDF :106.3/3
 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: -45.512+/-0.418 χ^2/NDF : 227.8/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -47.519+/-0.596 χ^2/NDF :99.2/2
 Out: -43.563+/-0.587 χ^2/NDF :106.3/3
 All: -45.512+/-0.418 χ^2/NDF : 227.8/6

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.491 ± 0.489 $\chi^2/\text{NDF}: 7.8/3$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: -0.059 ± 0.522 $\chi^2/\text{NDF}: 5.9/2$

Left: 0.766 ± 0.357 $\chi^2/\text{NDF}: 18.4/6$

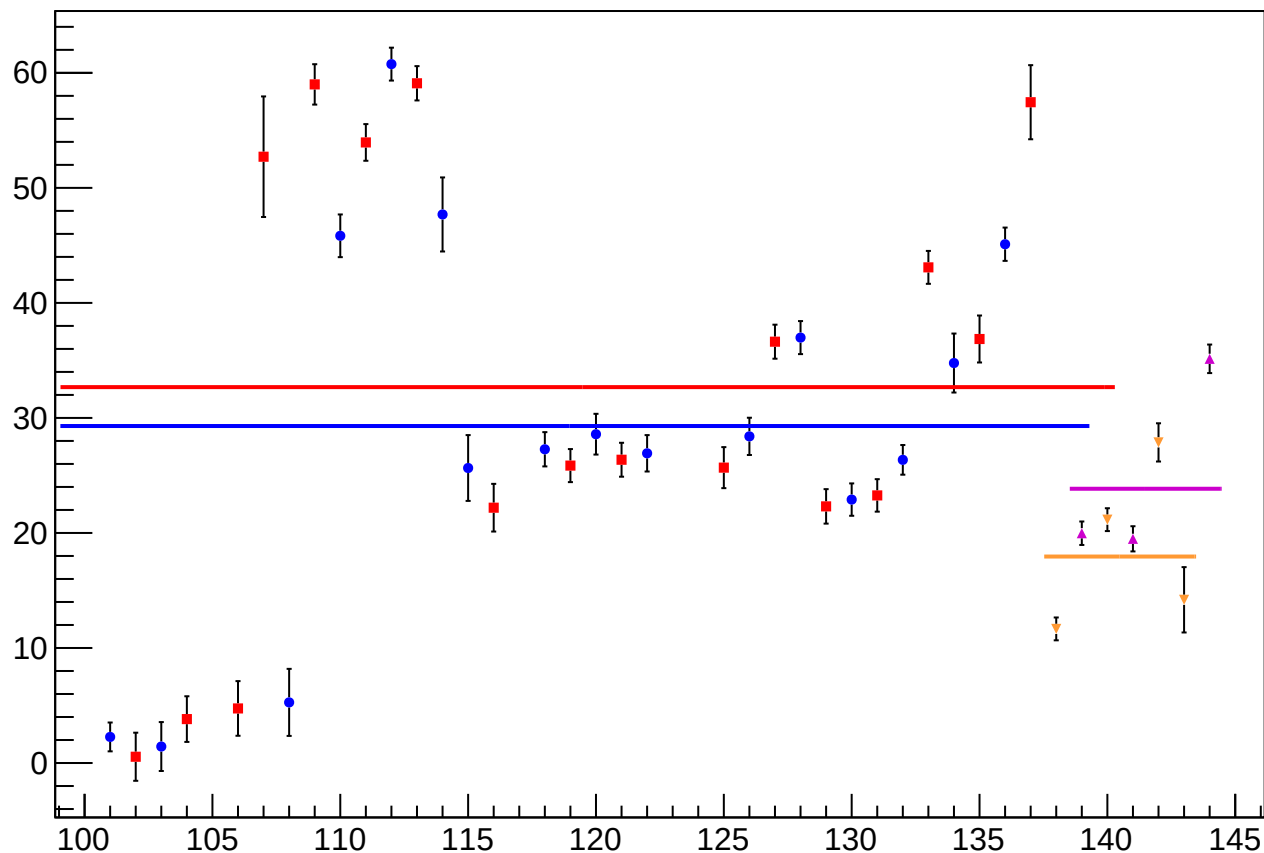
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.974 ± 0.201 $\chi^2/\text{NDF}: 487.5/18$

Out: 3.918 ± 0.205 $\chi^2/\text{NDF}: 381.2/20$

All: 3.437 ± 0.143 $\chi^2/\text{NDF}: 879.5/39$

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: 17.950 $\pm$ 0.631 χ^2 /NDF:87.9/3

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: 20.855 $\pm$ 0.449 χ^2 /NDF: 244.1/6

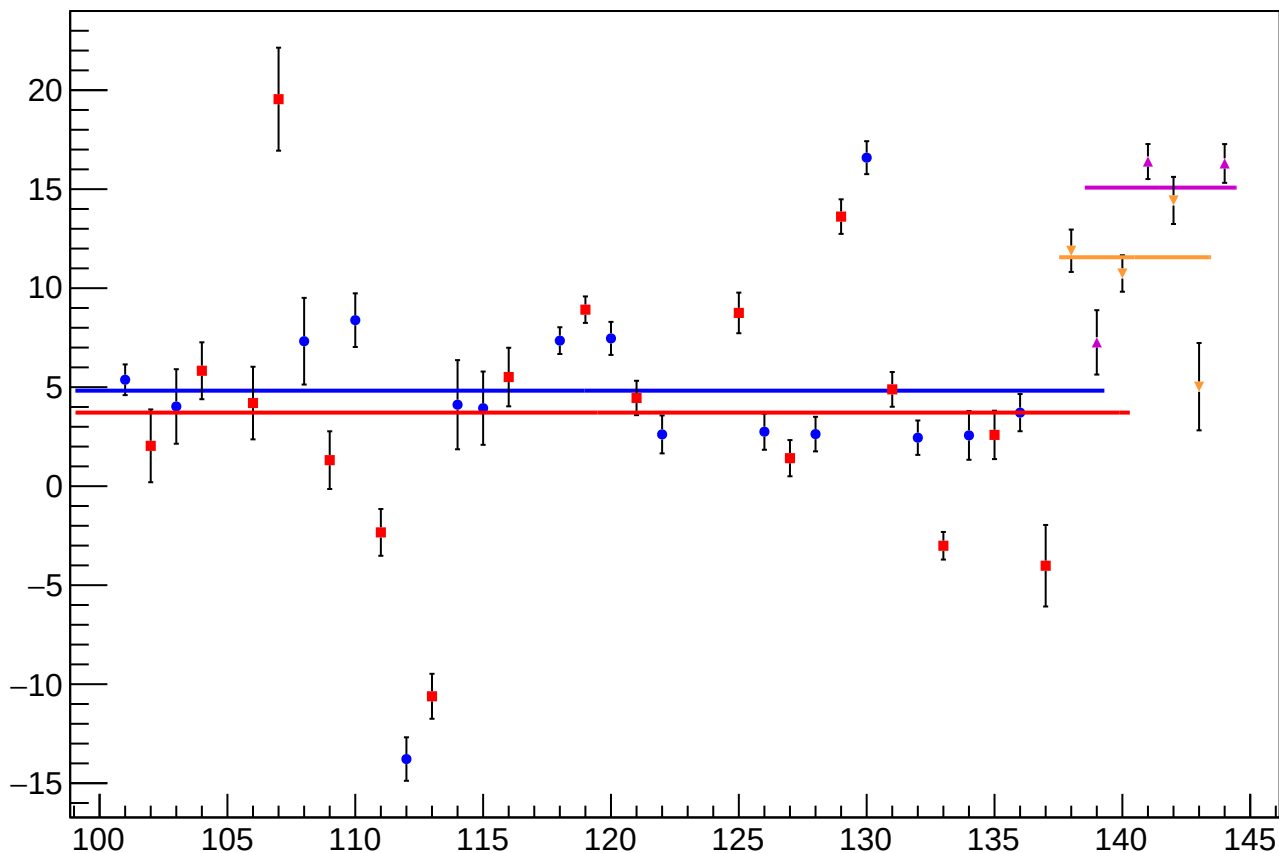
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 27.668 $\pm$ 0.349 χ^2 /NDF:1649.4/18

Out: 28.106 $\pm$ 0.351 χ^2 /NDF:2078.8/20

All: 27.886 $\pm$ 0.248 χ^2 /NDF: 3729.0/39

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: 11.562 $\pm$ 0.581 χ^2 /NDF:15.5/3

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: 13.238 $\pm$ 0.420 χ^2 /NDF: 59.9/6

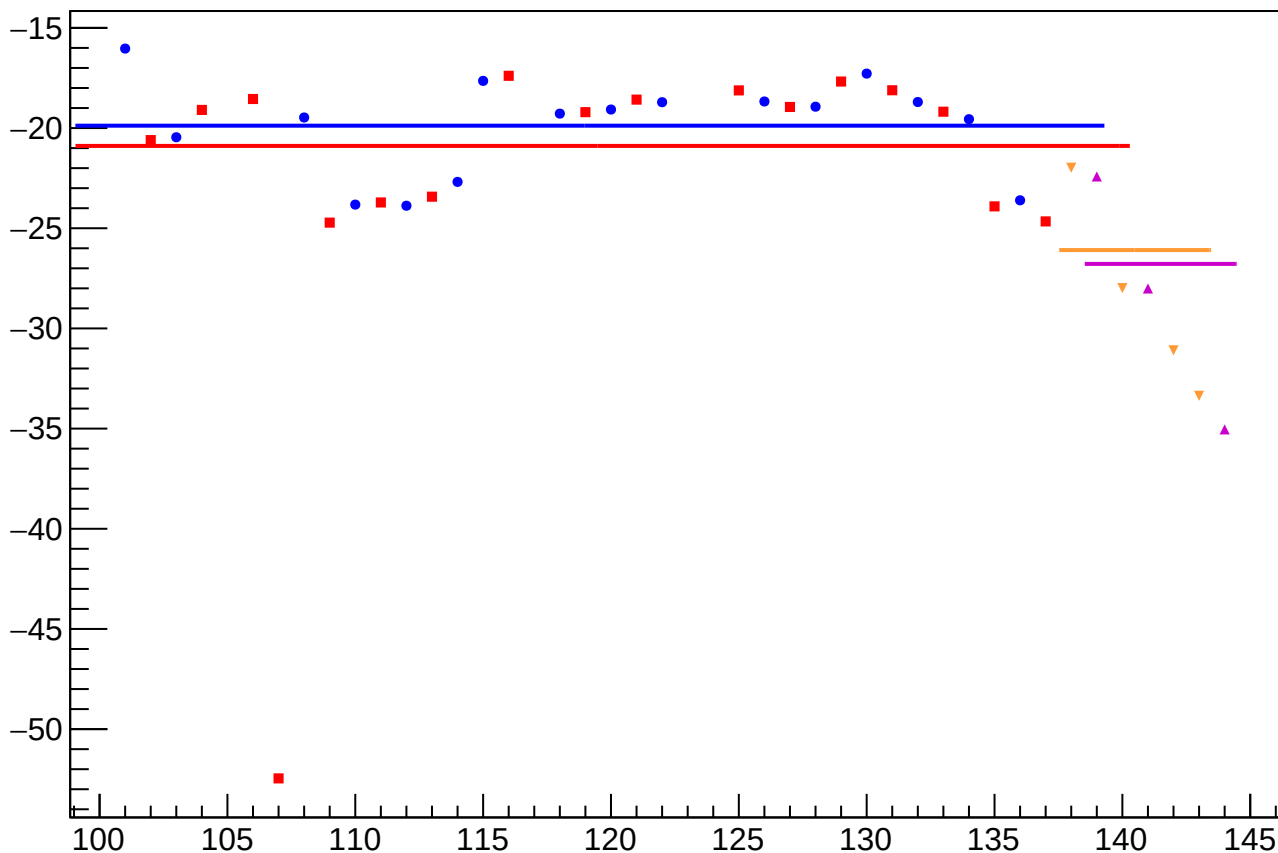
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 6.321 $\pm$ 0.232 χ^2 /NDF:818.8/18

Out: 5.016 $\pm$ 0.236 χ^2 /NDF:727.7/20

All: 5.679 $\pm$ 0.166 χ^2 /NDF: 1562.0/39

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: -26.089 ± 0.026 $\chi^2/\text{NDF}: 22665.6/3$

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: -26.450 ± 0.018 $\chi^2/\text{NDF}: 61754.2/6$

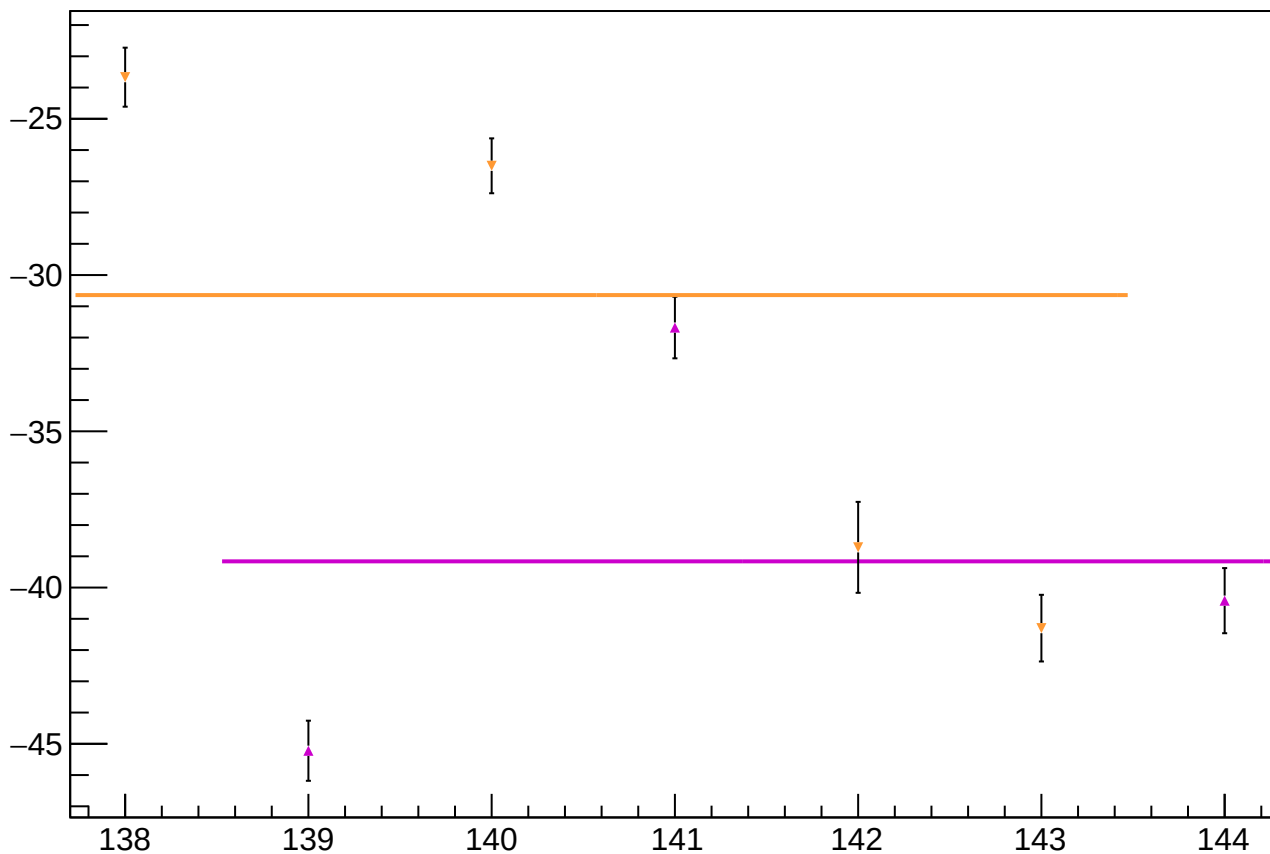
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -21.836 ± 0.013 $\chi^2/\text{NDF}: 120409.6/18$

Out: -22.290 ± 0.013 $\chi^2/\text{NDF}: 144982.3/20$

All: -22.058 ± 0.009 $\chi^2/\text{NDF}: 265971.9/39$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -30.641 ± 0.515 $\chi^2/\text{NDF}: 207.3/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -39.161 ± 0.574 $\chi^2/\text{NDF}: 98.8/2$

Left: -34.439 ± 0.383 $\chi^2/\text{NDF}: 428.1/6$

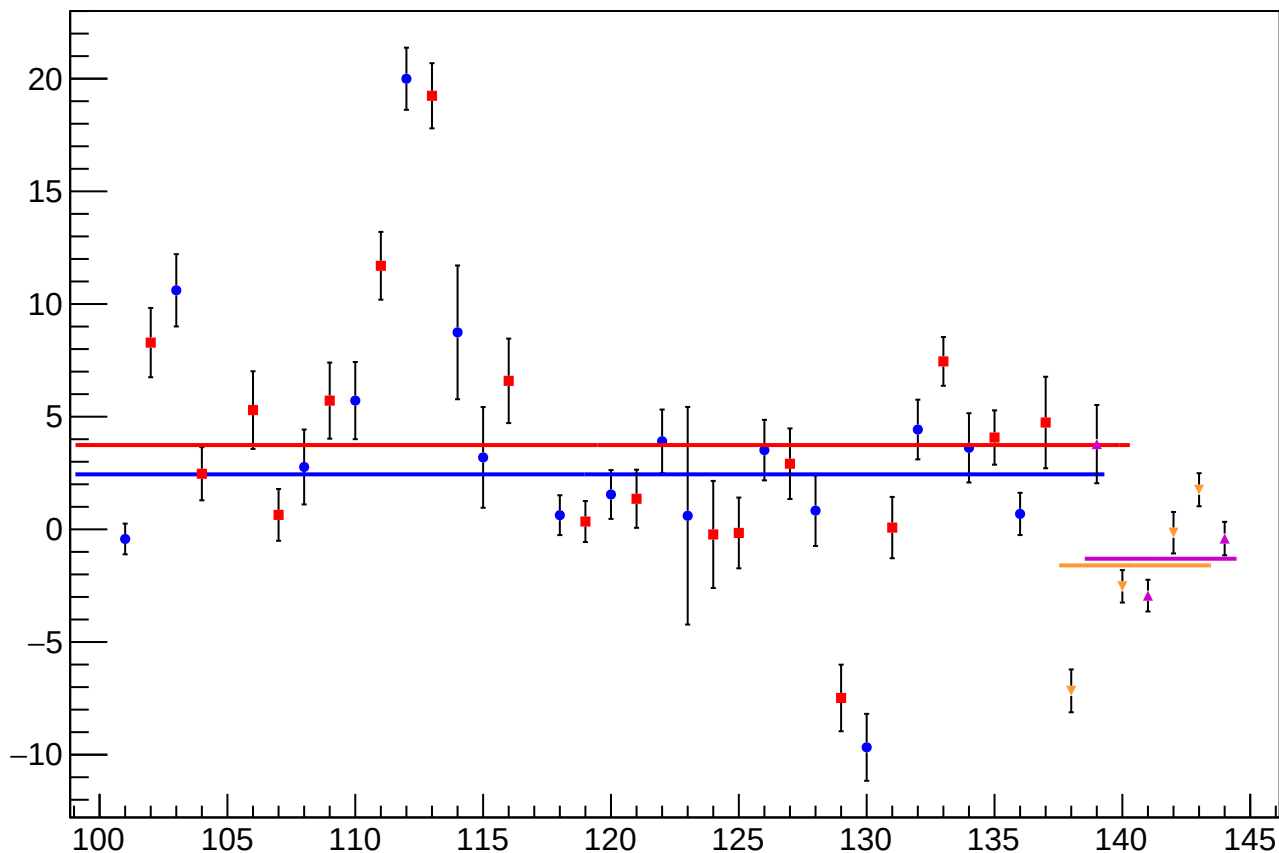
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -39.161 ± 0.574 $\chi^2/\text{NDF}: 98.8/2$

Out: -30.641 ± 0.515 $\chi^2/\text{NDF}: 207.3/3$

All: -34.439 ± 0.383 $\chi^2/\text{NDF}: 428.1/6$

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -1.599 ± 0.406 $\chi^2/\text{NDF}: 59.4/3$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: -1.304 ± 0.490 $\chi^2/\text{NDF}: 15.5/2$

Left: -1.479 ± 0.312 $\chi^2/\text{NDF}: 75.1/6$

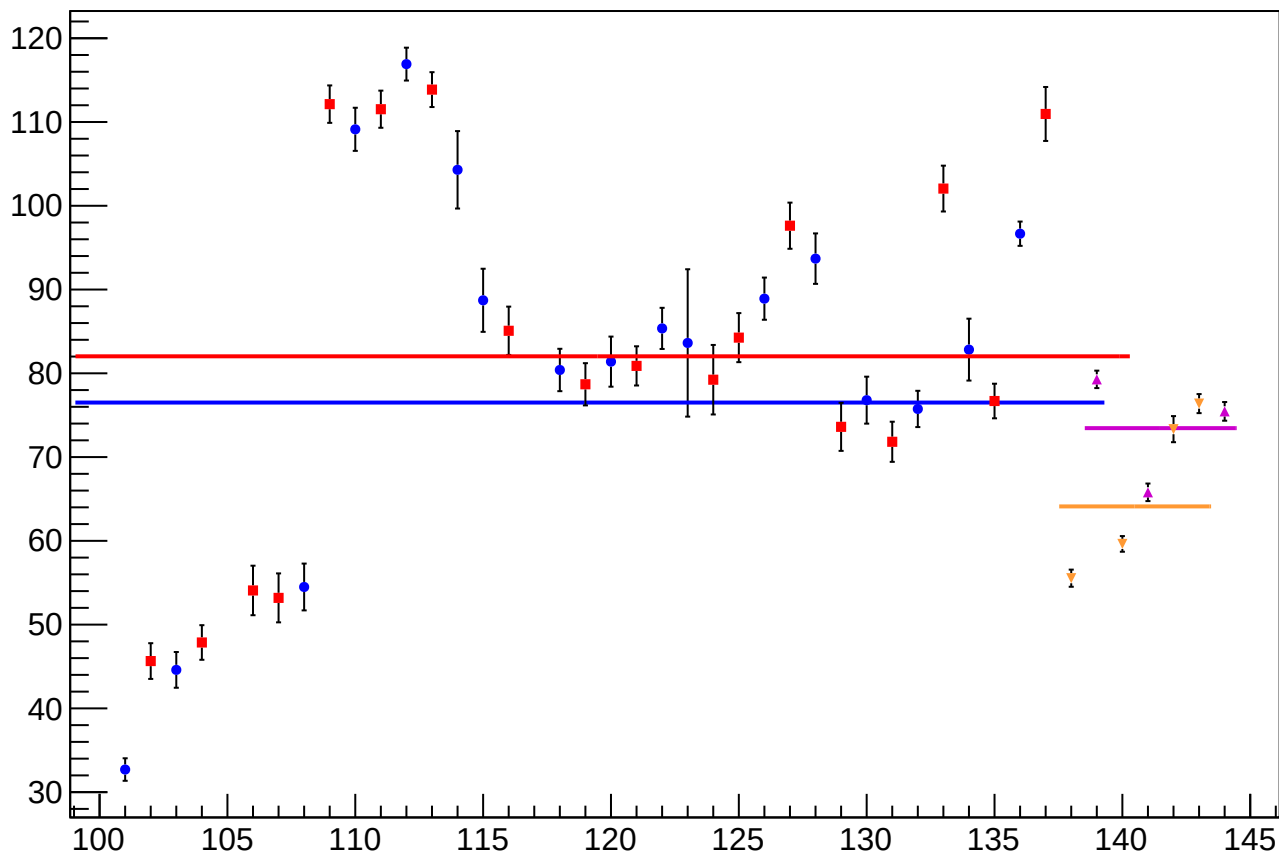
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 1.363 ± 0.263 $\chi^2/\text{NDF}: 351.8/19$

Out: 1.641 ± 0.254 $\chi^2/\text{NDF}: 432.6/21$

All: 1.507 ± 0.183 $\chi^2/\text{NDF}: 785.0/41$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 64.110+/-0.552 χ^2/NDF : 244.5/3

Right Out: 82.029+/-0.593 χ^2/NDF : 1548.0/17

Left In: 73.454+/-0.616 χ^2/NDF : 88.0/2

Left: 68.274+/-0.411 χ^2/NDF : 460.2/6

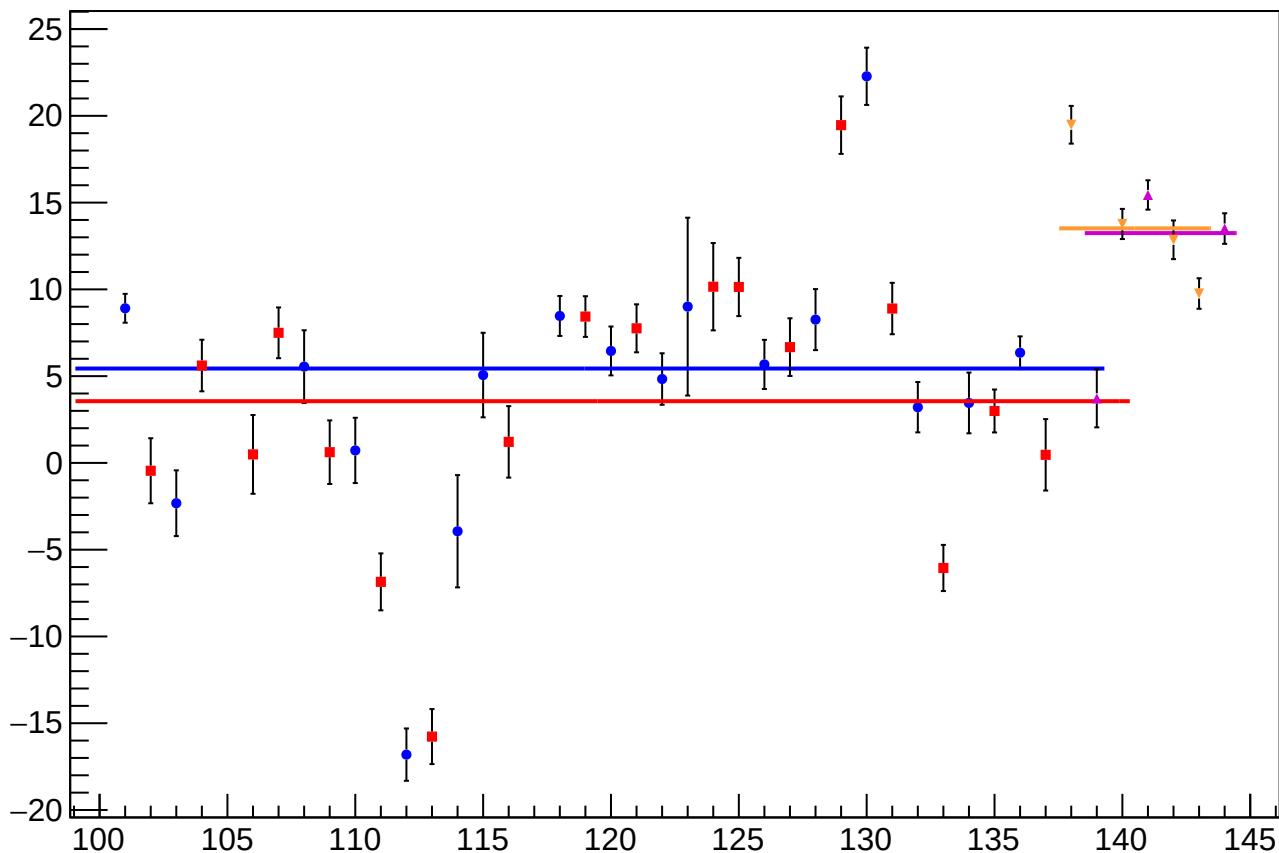
Right: 79.182+/-0.412 χ^2/NDF : 3843.6/34

In: 75.088+/-0.420 χ^2/NDF : 2352.0/19

Out: 72.434+/-0.404 χ^2/NDF : 2282.1/21

All: 73.709+/-0.291 χ^2/NDF : 4654.9/41

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 13.516 $\pm$ 0.484 χ^2 /NDF:48.7/3

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 13.243 $\pm$ 0.573 χ^2 /NDF:39.3/2

Left: 13.402 $\pm$ 0.370 χ^2 /NDF: 88.2/6

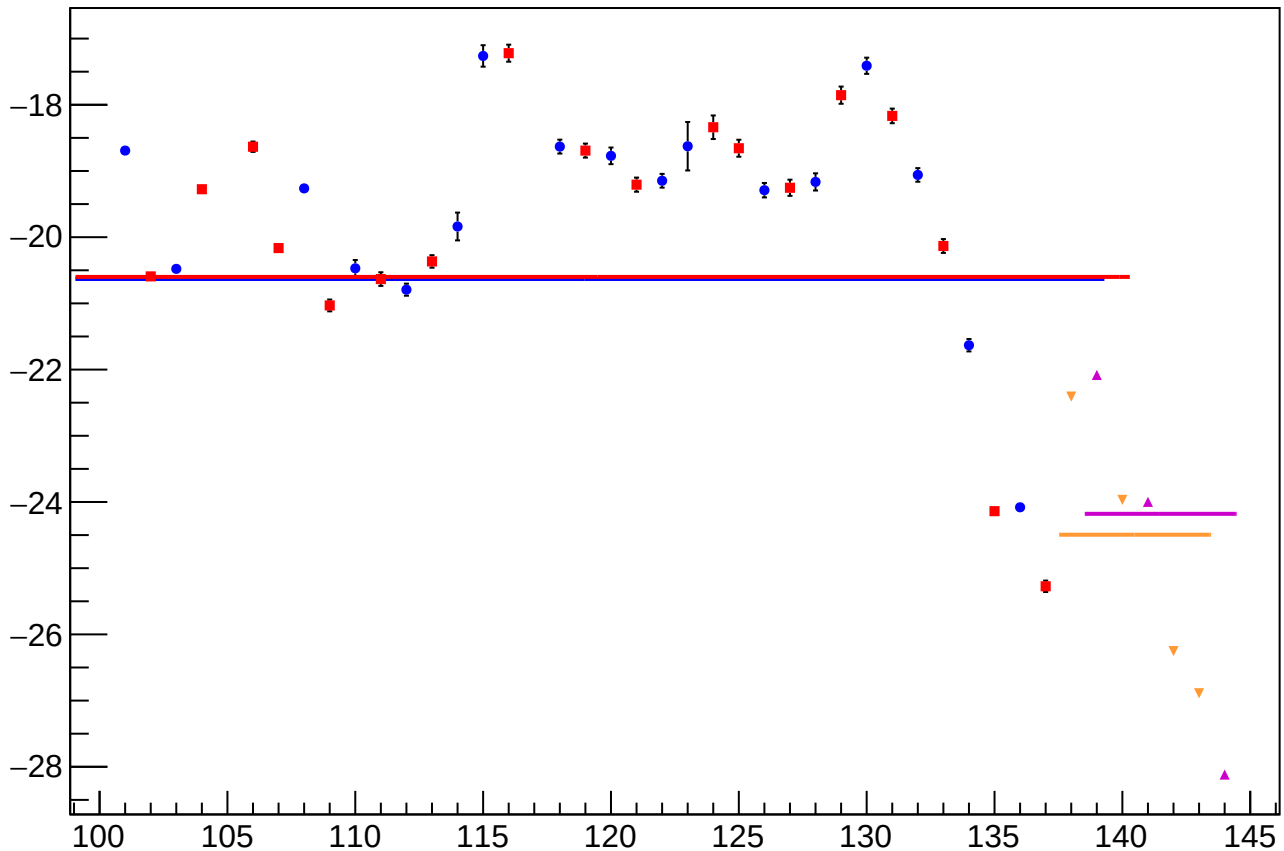
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 7.629 $\pm$ 0.303 χ^2 /NDF:559.0/19

Out: 7.293 $\pm$ 0.297 χ^2 /NDF:733.7/21

All: 7.457 $\pm$ 0.212 χ^2 /NDF: 1293.3/41

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -24.494+/-0.023 χ^2/NDF : 6347.3/3

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -24.179+/-0.024 χ^2/NDF : 9801.3/2

Left: -24.346+/-0.017 χ^2/NDF : 16239.4/6

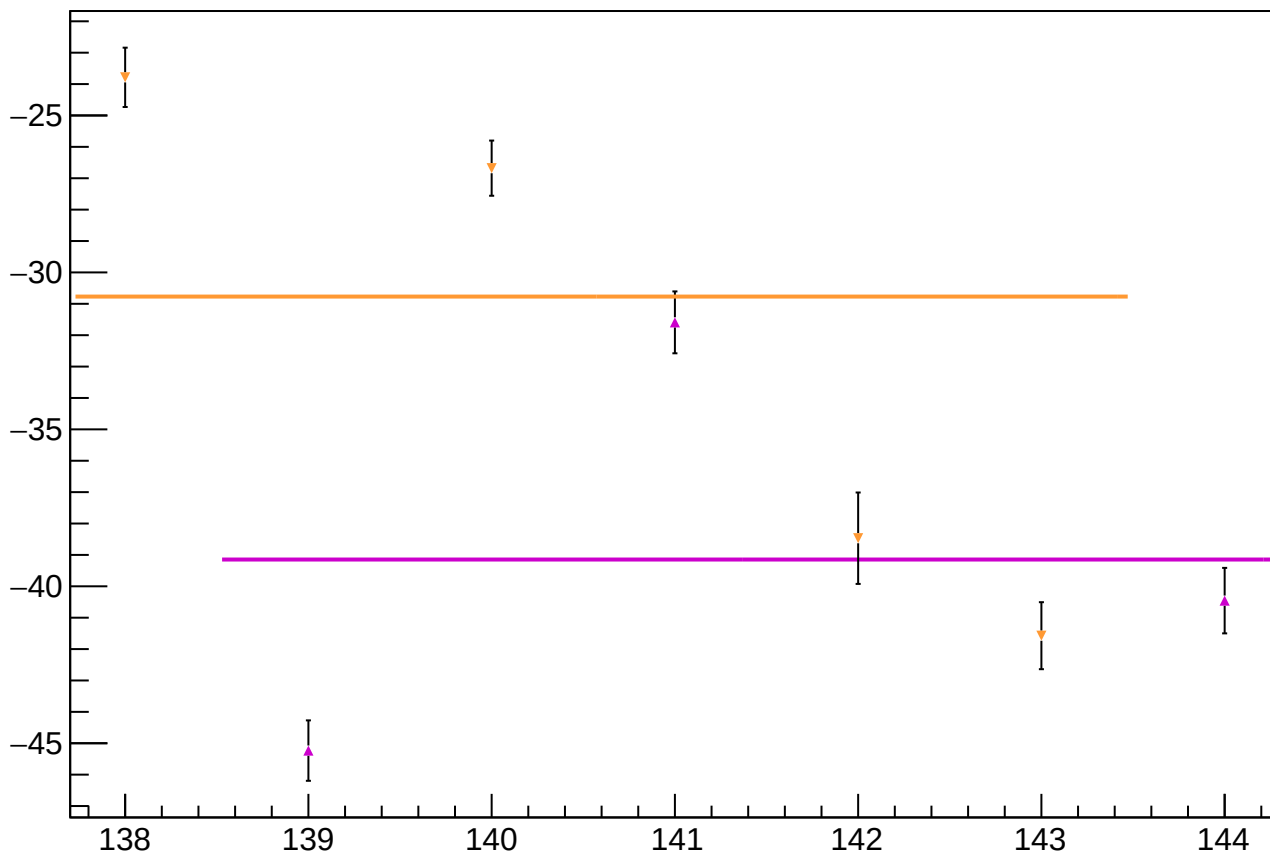
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -22.016+/-0.015 χ^2/NDF : 35493.5/19

Out: -22.250+/-0.015 χ^2/NDF : 35294.9/21

All: -22.135+/-0.011 χ^2/NDF : 70912.0/41

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -30.770 $\pm$ 0.515 χ^2 /NDF:206.7/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -39.147 $\pm$ 0.575 χ^2 /NDF:100.3/2

Left: -34.504 $\pm$ 0.384 χ^2 /NDF: 424.8/6

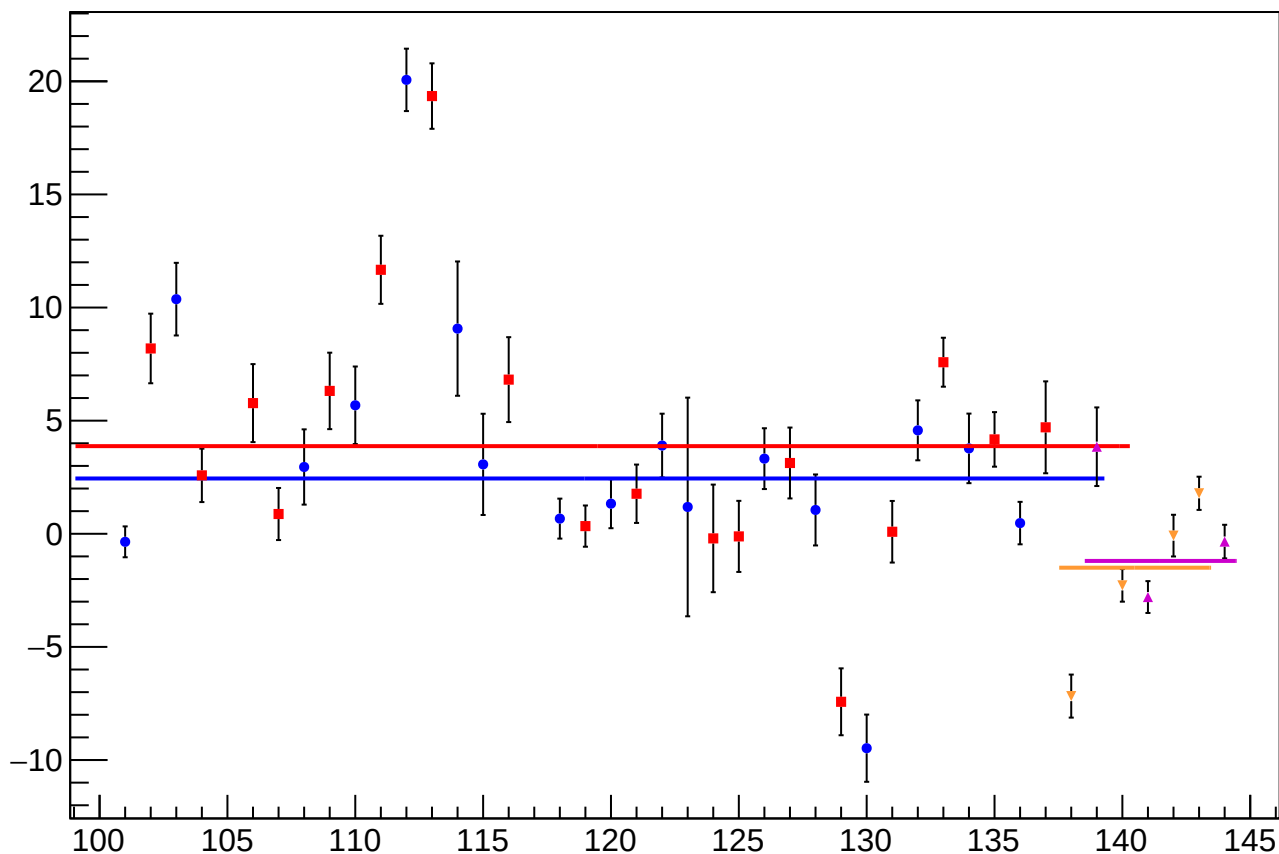
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -39.147 $\pm$ 0.575 χ^2 /NDF:100.3/2

Out: -30.770 $\pm$ 0.515 χ^2 /NDF:206.7/3

All: -34.504 $\pm$ 0.384 χ^2 /NDF: 424.8/6

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: -1.499 $\pm$ 0.406 χ^2 /NDF:59.2/3

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: -1.200 $\pm$ 0.490 χ^2 /NDF:14.9/2

Left: -1.377 $\pm$ 0.313 χ^2 /NDF: 74.4/6

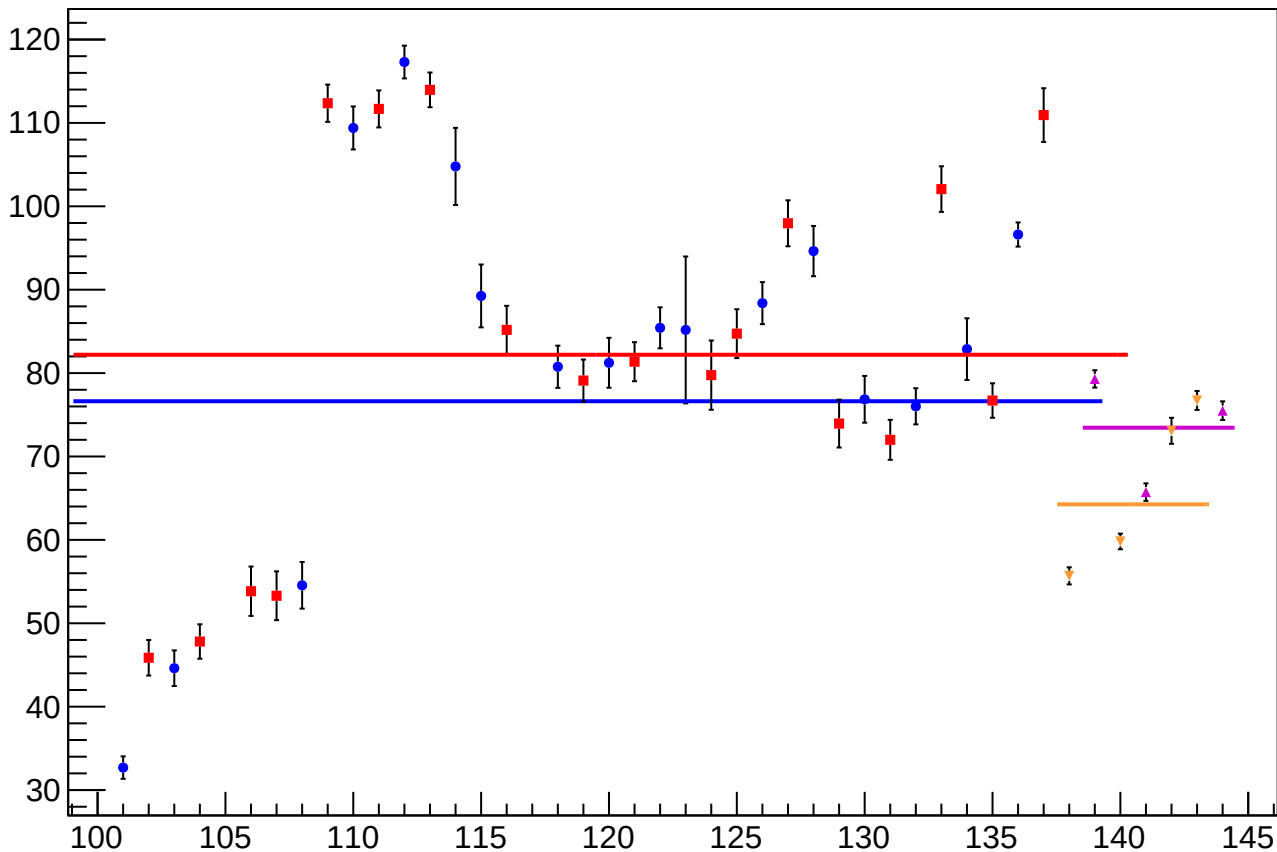
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 1.395 $\pm$ 0.263 χ^2 /NDF:347.0/19

Out: 1.762 $\pm$ 0.255 χ^2 /NDF:433.7/21

All: 1.584 $\pm$ 0.183 χ^2 /NDF: 781.7/41

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.261 $\pm$ 0.552 χ^2 /NDF: 244.5/3

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: 68.356 $\pm$ 0.411 χ^2 /NDF: 457.1/6

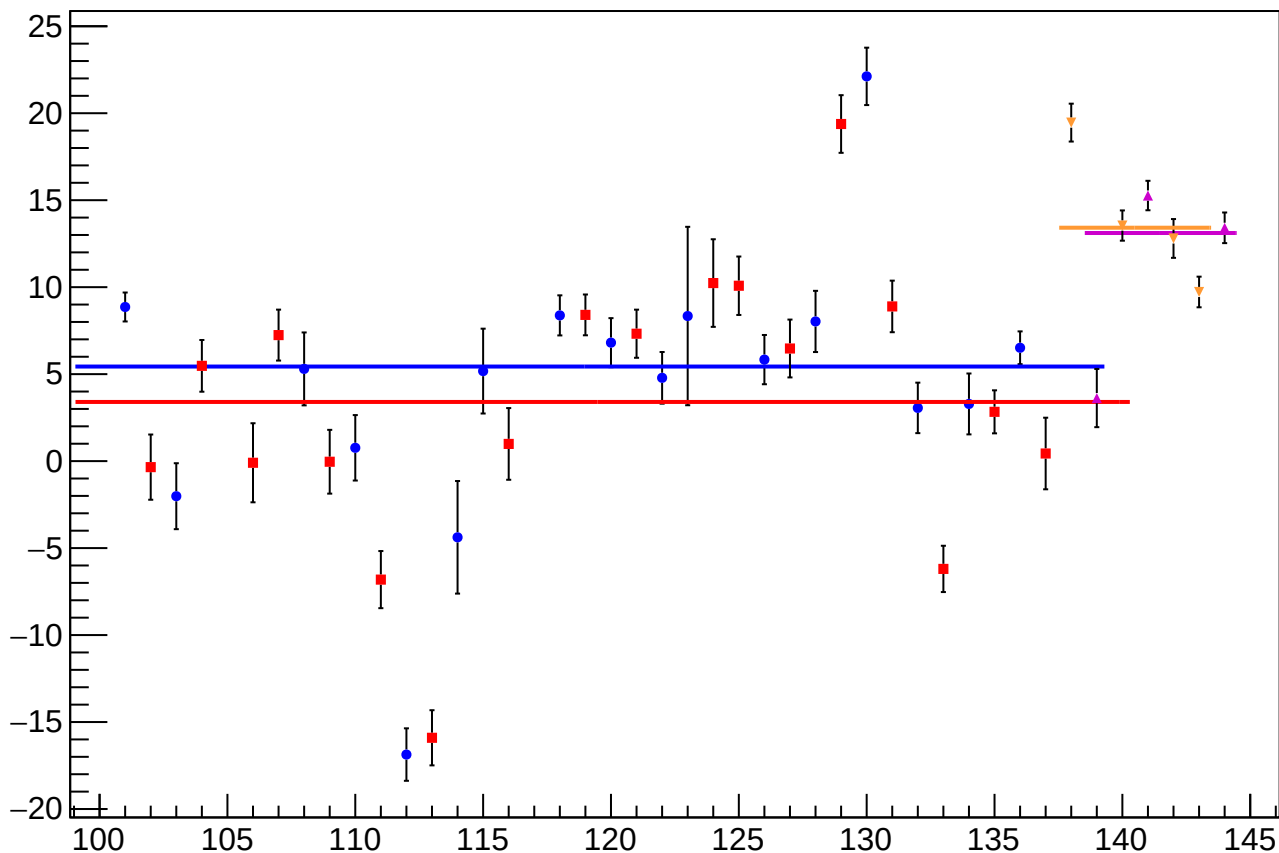
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 75.150 $\pm$ 0.420 χ^2 /NDF: 2366.2/19

Out: 72.595 $\pm$ 0.404 χ^2 /NDF: 2284.9/21

All: 73.823 $\pm$ 0.291 χ^2 /NDF: 4670.3/41

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 13.418 $\pm$ 0.485 χ^2 /NDF:48.7/3

Right Out: 3.401 $\pm$ 0.375 χ^2 /NDF: 420.9/17

Left In: 13.114 $\pm$ 0.573 χ^2 /NDF:38.8/2

Left: 13.291 $\pm$ 0.370 χ^2 /NDF: 87.7/6

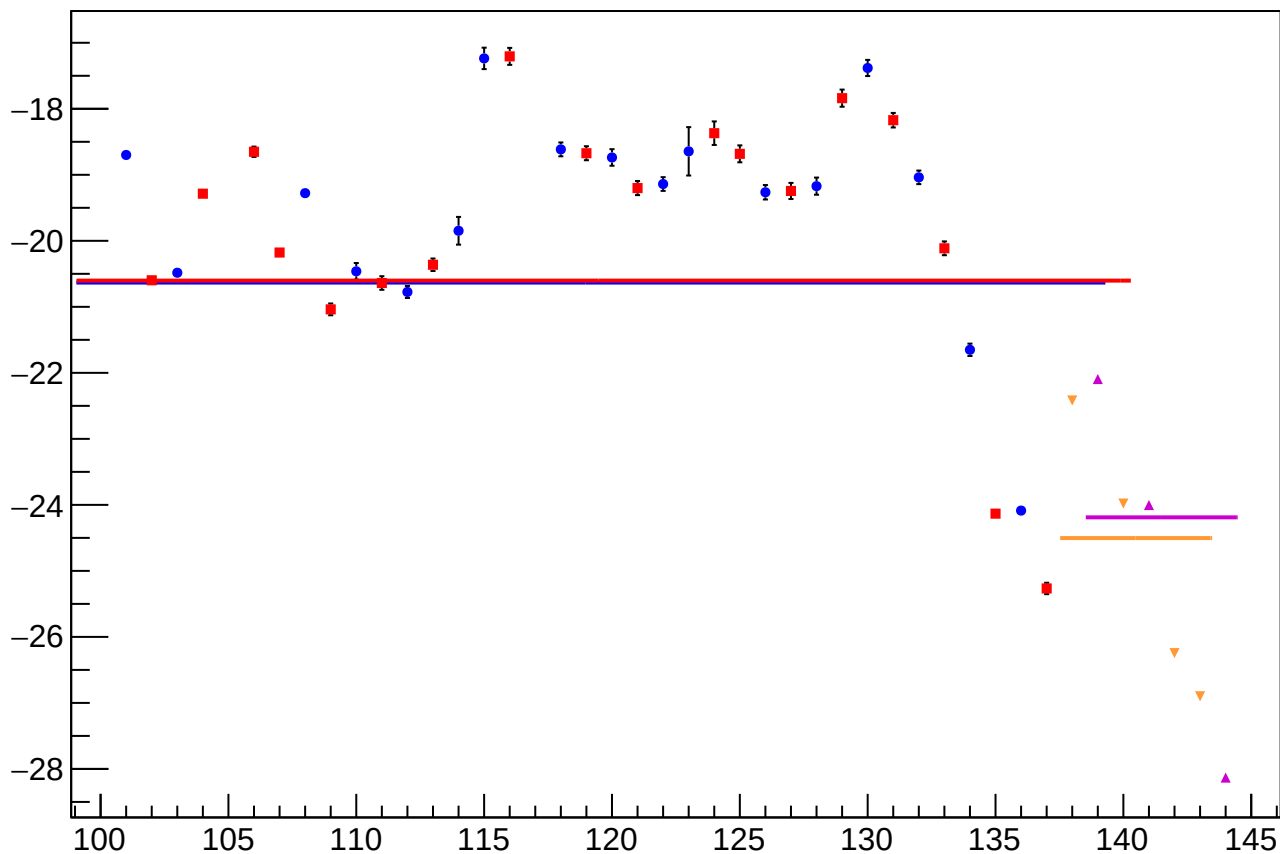
Right: 4.467 $\pm$ 0.259 χ^2 /NDF: 820.8/34

In: 7.591 $\pm$ 0.304 χ^2 /NDF:552.3/19

Out: 7.159 $\pm$ 0.297 χ^2 /NDF:736.7/21

All: 7.370 $\pm$ 0.212 χ^2 /NDF: 1290.0/41

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -24.503 $\pm$ 0.023 χ^2 /NDF: 6322.0/3

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -24.189 $\pm$ 0.024 χ^2 /NDF: 9793.5/2

Left: -24.356 $\pm$ 0.017 χ^2 /NDF: 16205.2/6

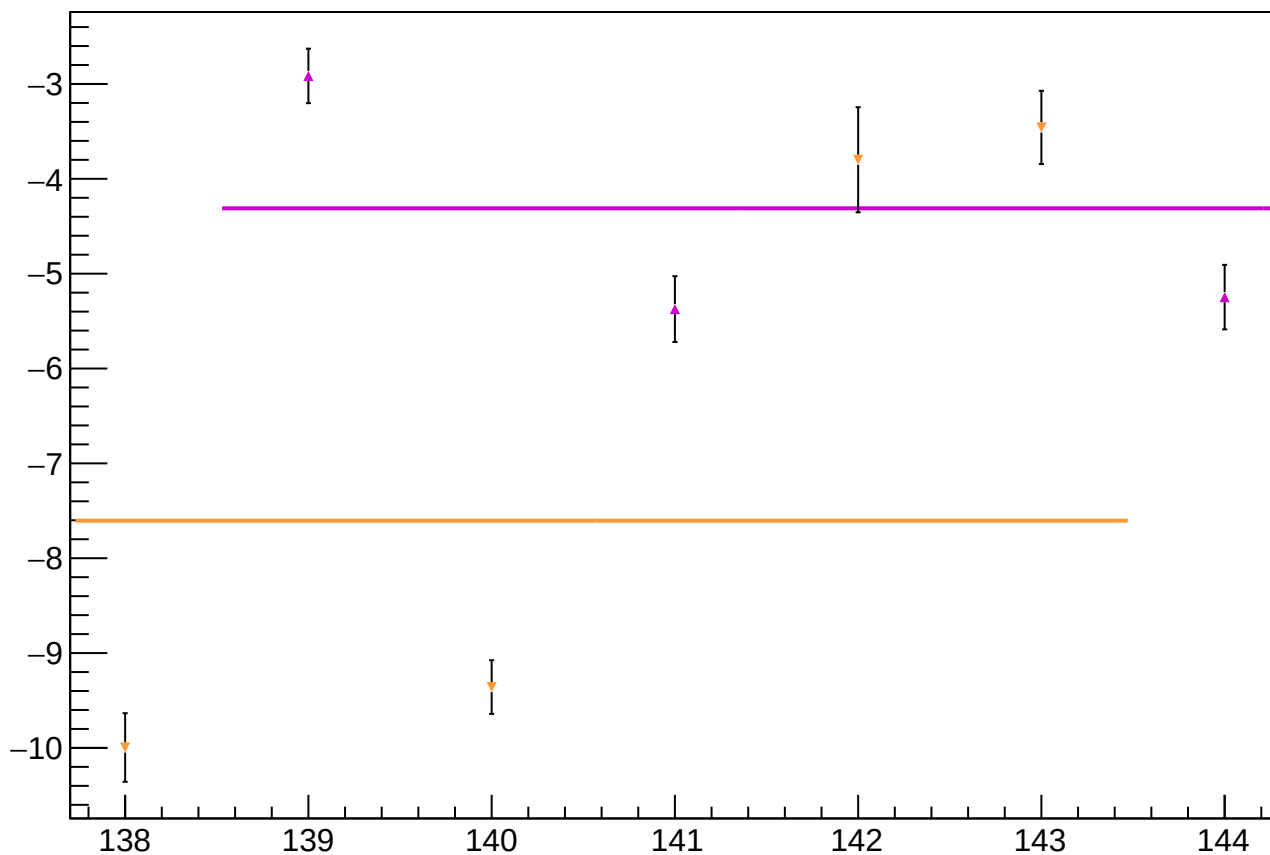
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -22.020 $\pm$ 0.015 χ^2 /NDF: 35580.8/19

Out: -22.255 $\pm$ 0.015 χ^2 /NDF: 35252.5/21

All: -22.140 $\pm$ 0.011 χ^2 /NDF: 70957.3/41

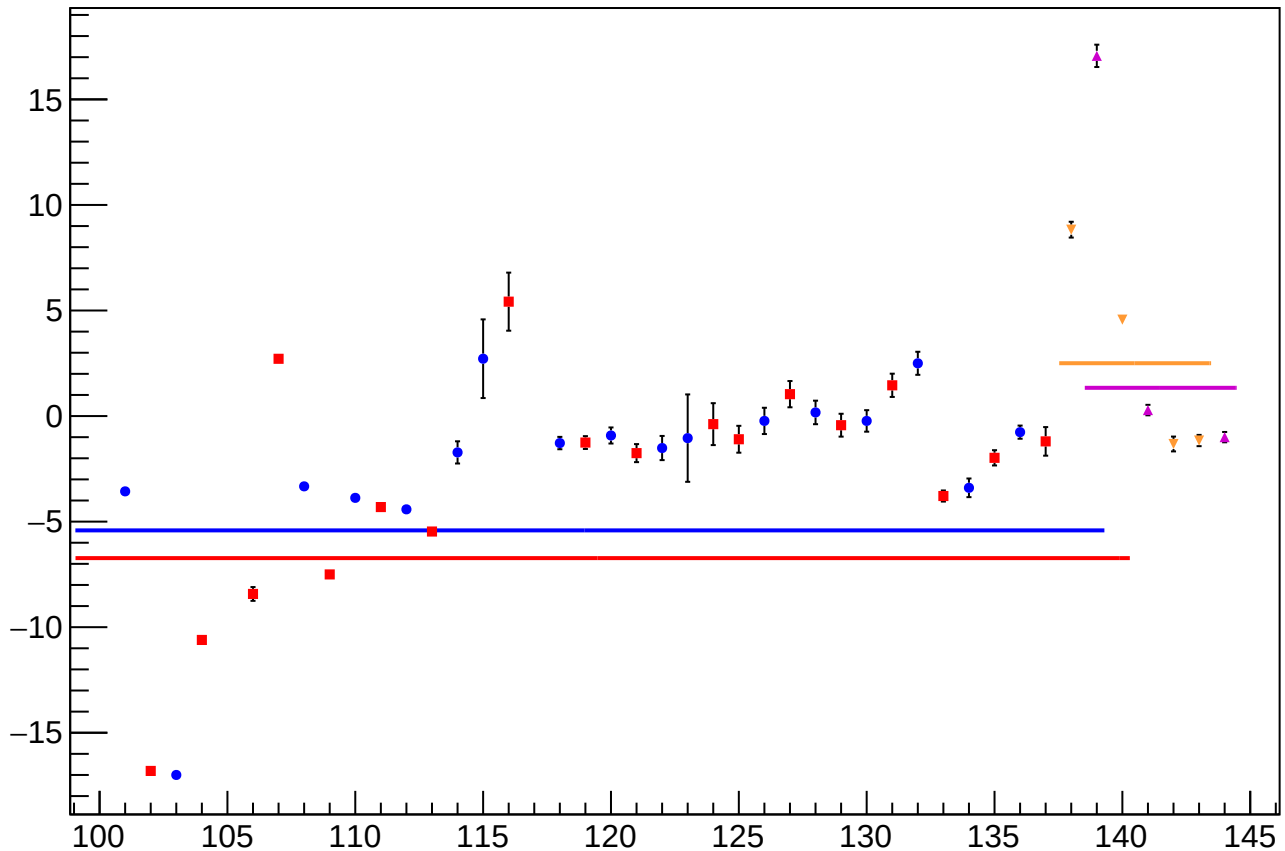
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.604+/-0.182 χ^2/NDF :244.5/3
 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: -5.986+/-0.130 χ^2/NDF : 445.5/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.311+/-0.185 χ^2/NDF :40.6/2
 Out: -7.604+/-0.182 χ^2/NDF :244.5/3
 All: -5.986+/-0.130 χ^2/NDF : 445.5/6

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2 /NDF: 9255.1/16

Left Out: 2.503 $\pm$ 0.145 χ^2 /NDF:669.8/3

Right Out: -6.729 $\pm$ 0.060 χ^2 /NDF: 11217.0/17

Left In: 1.338 $\pm$ 0.166 χ^2 /NDF:992.4/2

Left: 1.996 $\pm$ 0.109 χ^2 /NDF: 1690.2/6

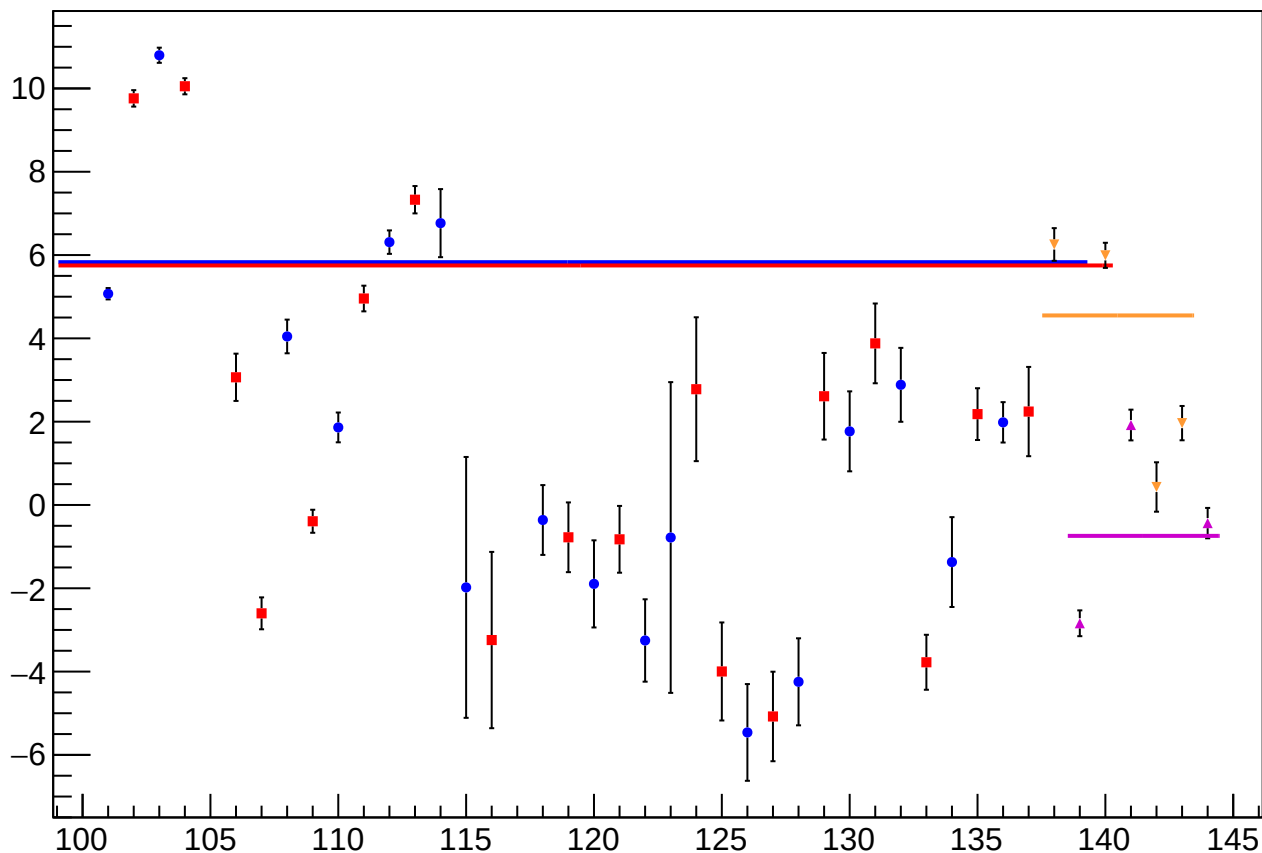
Right: -6.014 $\pm$ 0.040 χ^2 /NDF: 20734.4/34

In: -4.749 $\pm$ 0.052 χ^2 /NDF:11747.9/19

Out: -5.390 $\pm$ 0.055 χ^2 /NDF:15340.0/21

All: -5.050 $\pm$ 0.038 χ^2 /NDF: 27159.2/41

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 4.550 $\pm$ 0.195 χ^2 /NDF:129.4/3

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: -0.742 $\pm$ 0.199 χ^2 /NDF:98.6/2

Left: 1.953 $\pm$ 0.139 χ^2 /NDF: 588.5/6

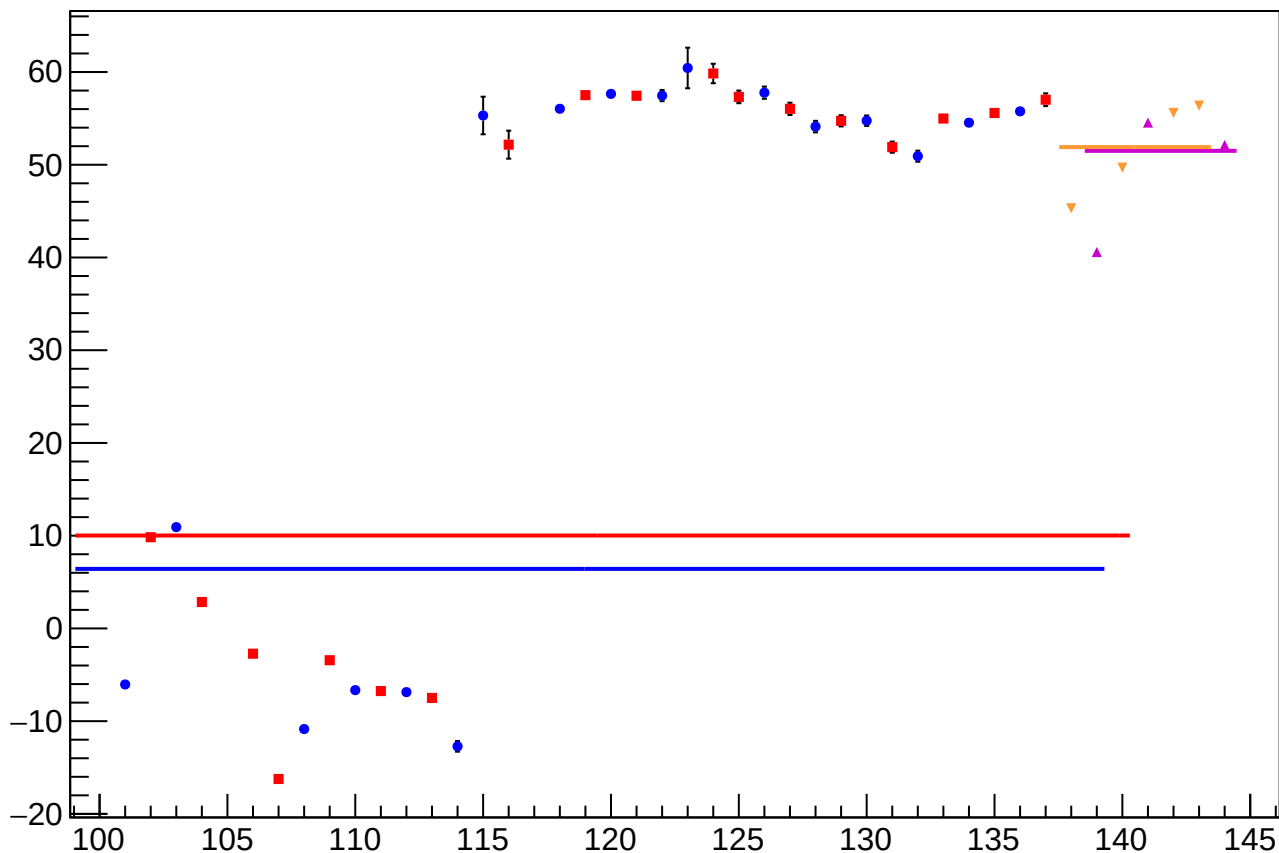
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 4.720 $\pm$ 0.082 χ^2 /NDF:2454.0/19

Out: 5.516 $\pm$ 0.086 χ^2 /NDF:2670.7/21

All: 5.096 $\pm$ 0.059 χ^2 /NDF: 5169.6/41

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: 51.905+/-0.173 χ^2/NDF : 573.8/3

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: 51.723+/-0.129 χ^2/NDF : 1142.4/6

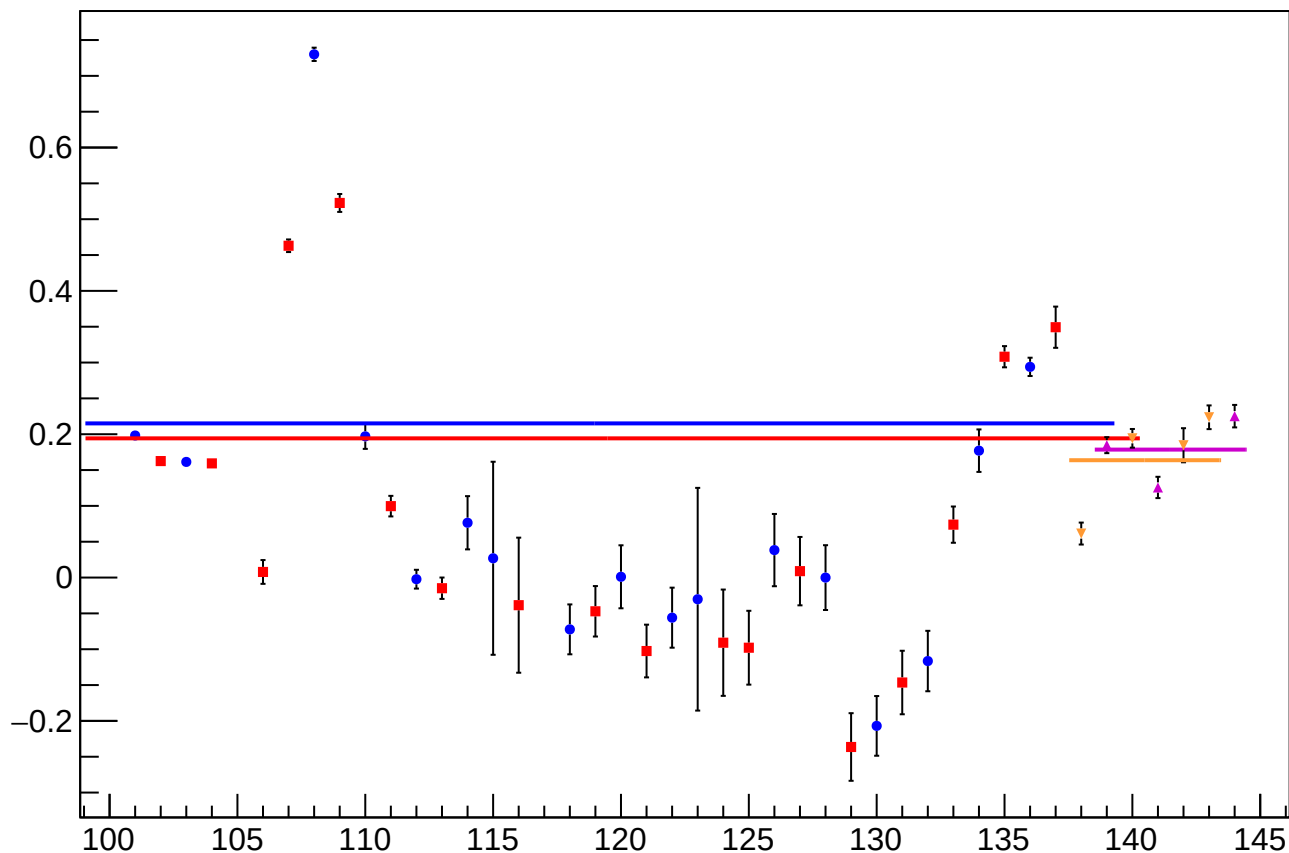
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 11.013+/-0.061 χ^2/NDF : 173071.4/19

Out: 16.007+/-0.065 χ^2/NDF : 172800.6/21

All: 13.347+/-0.045 χ^2/NDF : 348970.2/41

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3927.2/16

Left Out: 0.164+/-0.008 χ^2/NDF : 64.0/3

Right Out: 0.194+/-0.003 χ^2/NDF : 2520.1/17

Left In: 0.179+/-0.008 χ^2/NDF : 21.8/2

Left: 0.171+/-0.006 χ^2/NDF : 87.6/6

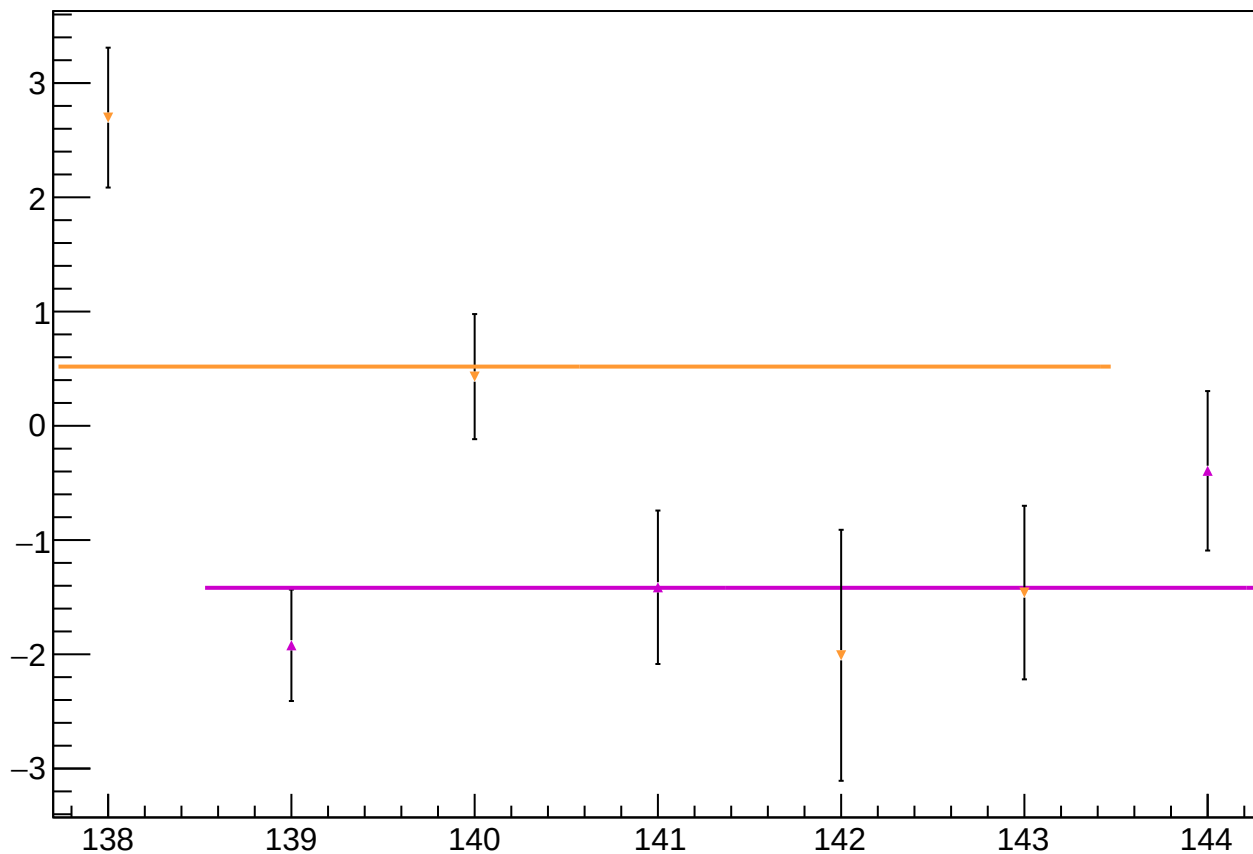
Right: 0.205+/-0.002 χ^2/NDF : 6475.9/34

In: 0.211+/-0.003 χ^2/NDF : 3968.7/19

Out: 0.191+/-0.003 χ^2/NDF : 2597.1/21

All: 0.201+/-0.002 χ^2/NDF : 6595.2/41

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: 0.518+/-0.342 χ^2/NDF :24.8/3

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: -0.445+/-0.242 χ^2/NDF : 44.0/6

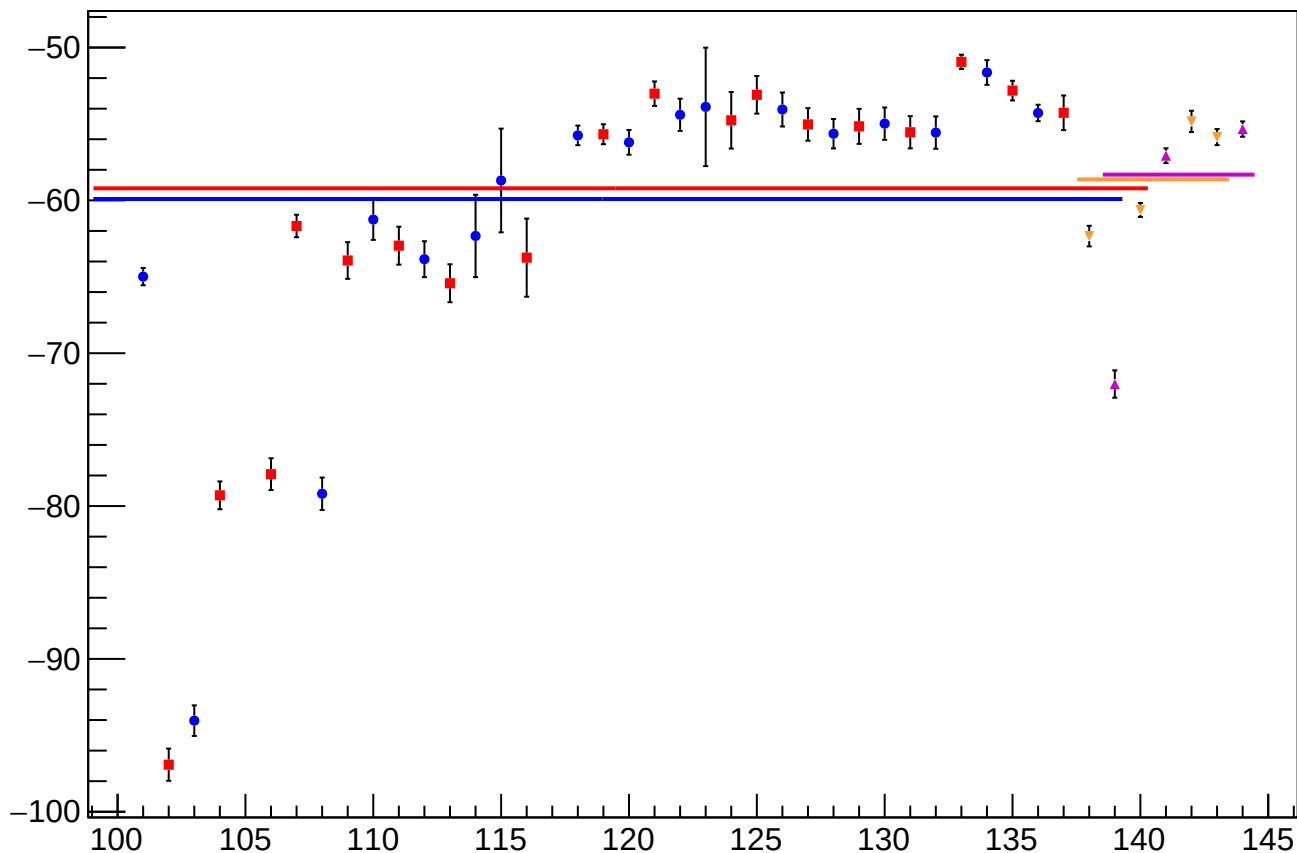
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.418+/-0.344 χ^2/NDF :3.2/2

Out: 0.518+/-0.342 χ^2/NDF :24.8/3

All: -0.445+/-0.242 χ^2/NDF : 44.0/6

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -58.628 ± 0.281 χ^2/NDF : 106.5/3

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -58.316 ± 0.325 χ^2/NDF : 276.0/2

Left: -58.494 ± 0.213 χ^2/NDF : 383.1/6

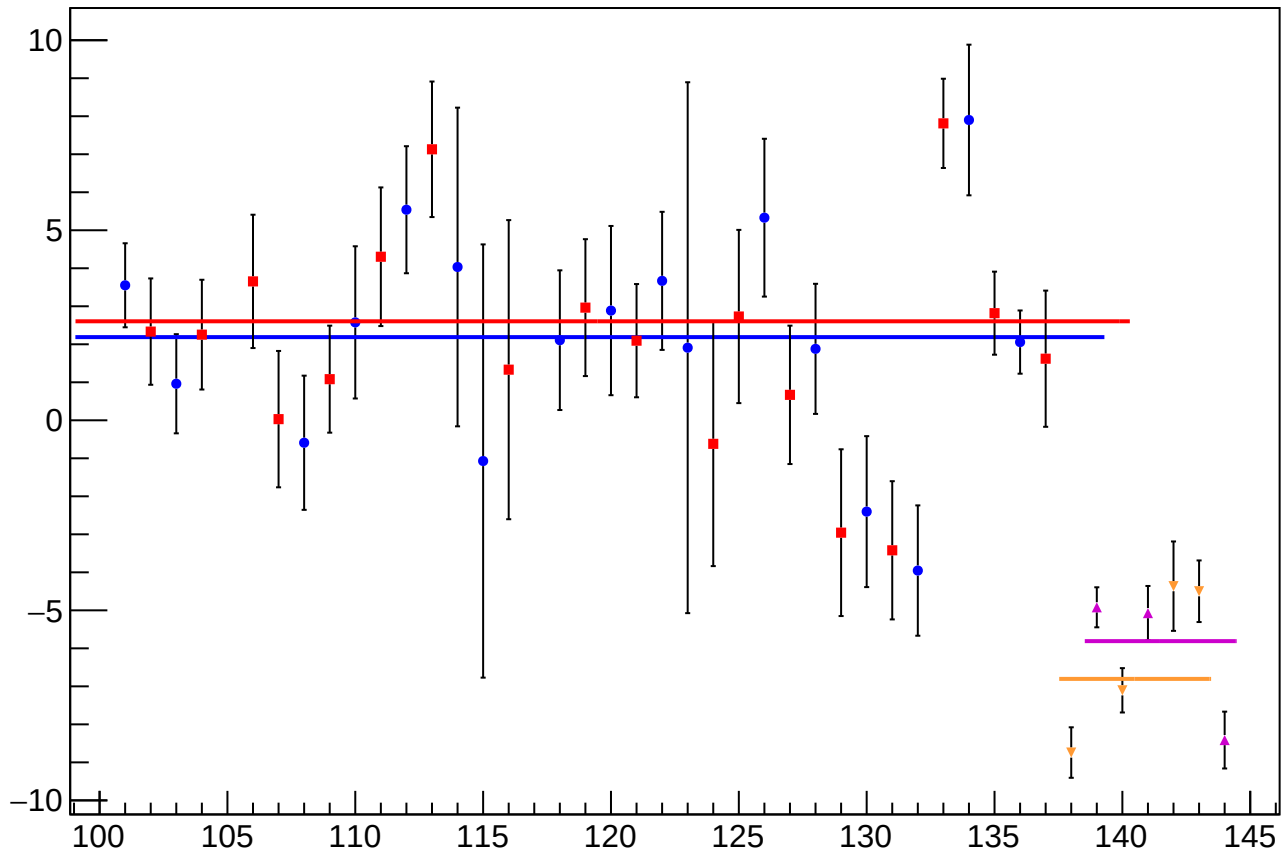
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -59.399 ± 0.184 χ^2/NDF : 2273.2/19

Out: -59.000 ± 0.169 χ^2/NDF : 2852.2/21

All: -59.183 ± 0.125 χ^2/NDF : 5128.0/41

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: -6.804 ± 0.366 $\chi^2/\text{NDF}: 21.2/3$

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: -6.310 ± 0.260 $\chi^2/\text{NDF}: 40.9/6$

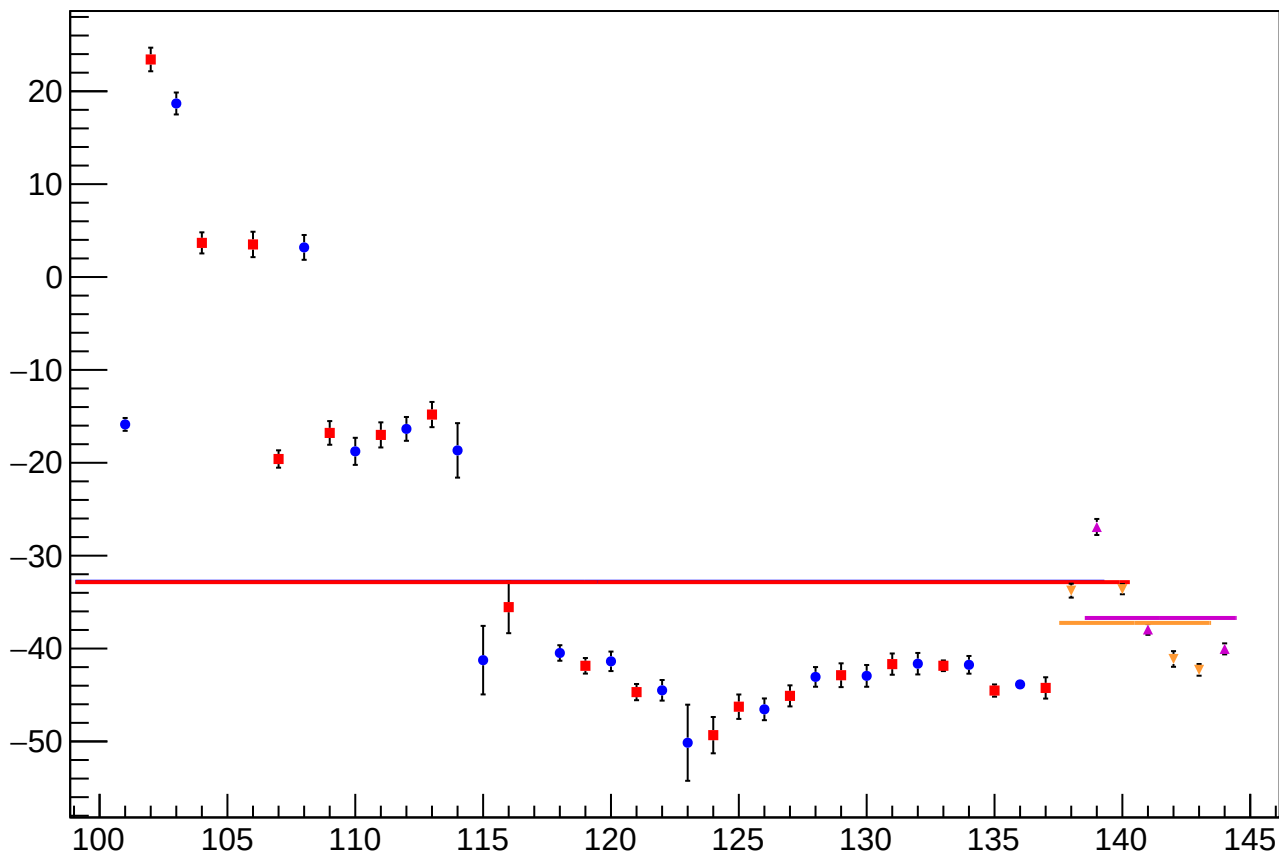
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -2.180 ± 0.273 $\chi^2/\text{NDF}: 268.6/19$

Out: -2.403 ± 0.267 $\chi^2/\text{NDF}: 380.4/21$

All: -2.294 ± 0.191 $\chi^2/\text{NDF}: 649.4/41$

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: -37.239 ± 0.333 $\chi^2/\text{NDF}: 150.6/3$

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: -37.003 ± 0.249 $\chi^2/\text{NDF}: 316.7/6$

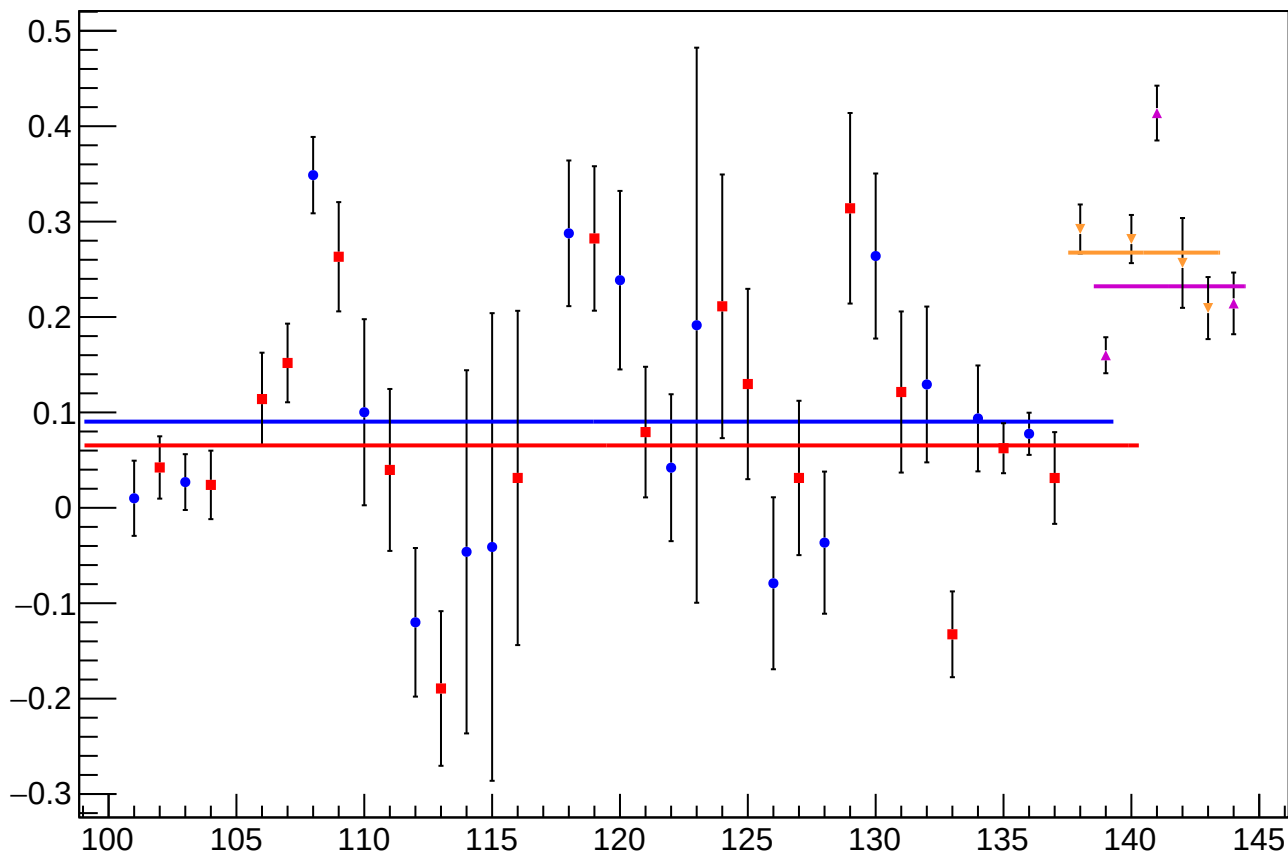
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -34.042 ± 0.210 $\chi^2/\text{NDF}: 4902.2/19$

Out: -34.385 ± 0.197 $\chi^2/\text{NDF}: 6013.8/21$

All: -34.225 ± 0.144 $\chi^2/\text{NDF}: 10917.4/41$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.268 ± 0.015 χ^2/NDF : 4.5/3

Right Out: 0.065 ± 0.012 χ^2/NDF : 65.7/17

Left In: 0.232 ± 0.014 χ^2/NDF : 54.9/2

Left: 0.249 ± 0.010 χ^2/NDF : 62.4/6

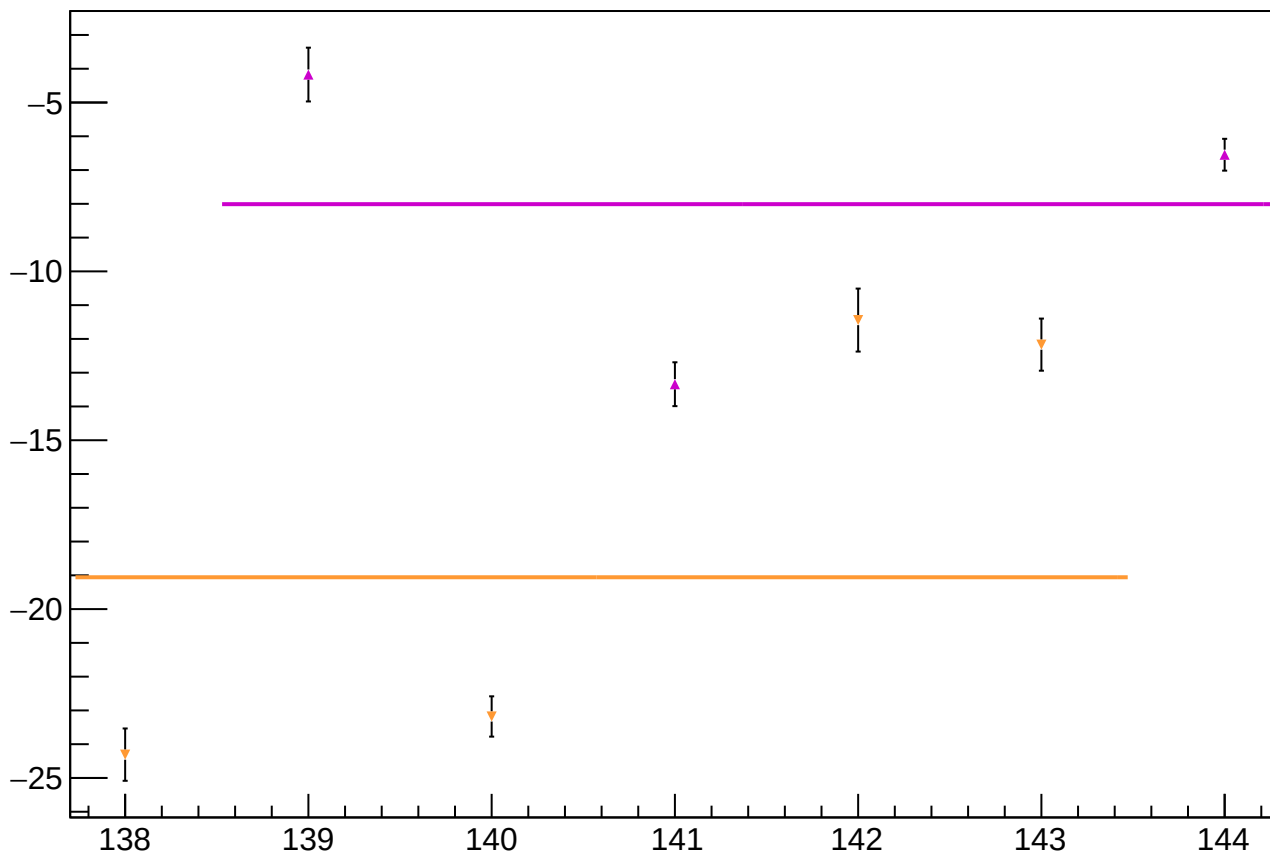
Right: 0.077 ± 0.009 χ^2/NDF : 147.0/34

In: 0.154 ± 0.009 χ^2/NDF : 189.7/19

Out: 0.147 ± 0.009 χ^2/NDF : 179.7/21

All: 0.150 ± 0.007 χ^2/NDF : 369.7/41

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: -19.057+/-0.370 χ^2/NDF :240.0/3

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: -13.130+/-0.252 χ^2/NDF : 818.5/6

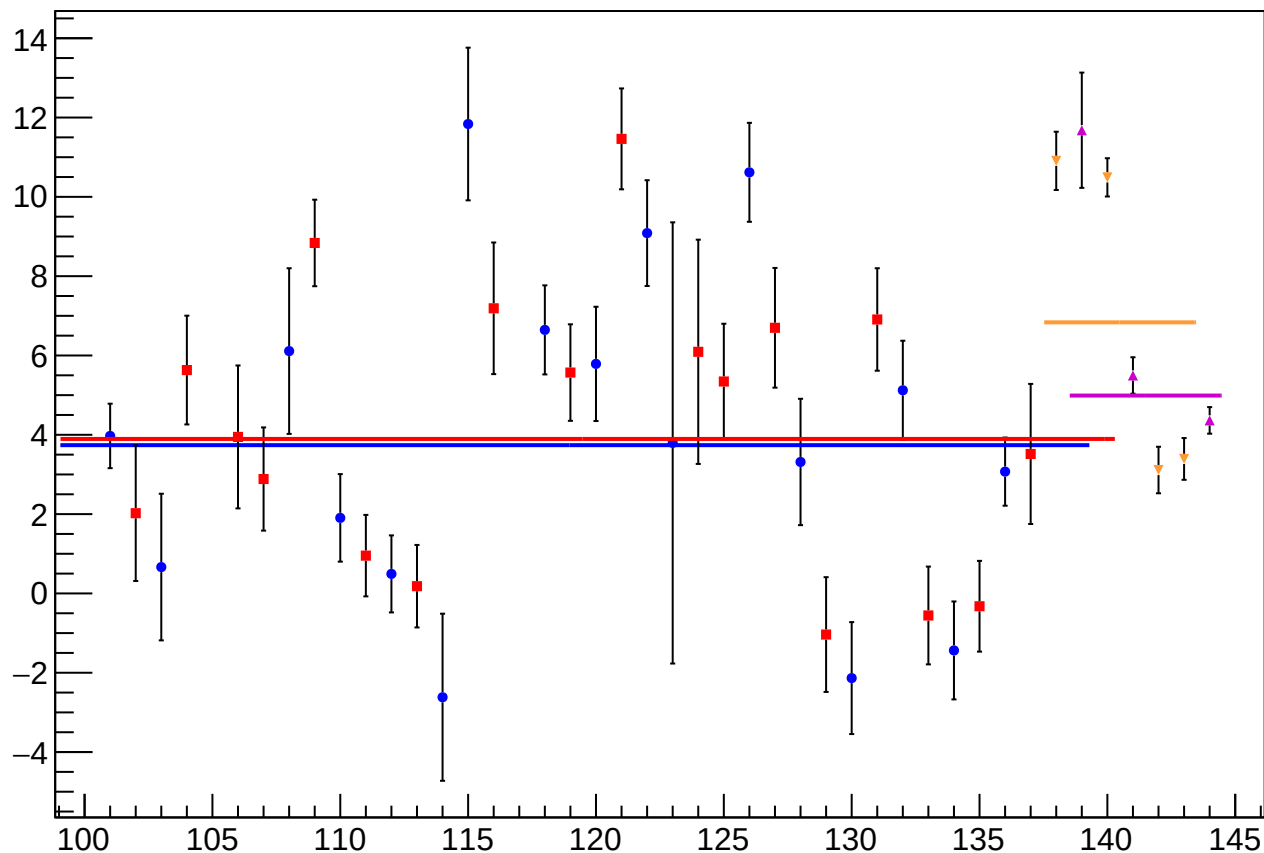
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.010+/-0.344 χ^2/NDF :100.3/2

Out: -19.057+/-0.370 χ^2/NDF :240.0/3

All: -13.130+/-0.252 χ^2/NDF : 818.5/6

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 6.836 ± 0.281 χ^2/NDF : 171.3/3

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 4.990 ± 0.266 χ^2/NDF : 25.9/2

Left: 5.863 ± 0.193 χ^2/NDF : 219.9/6

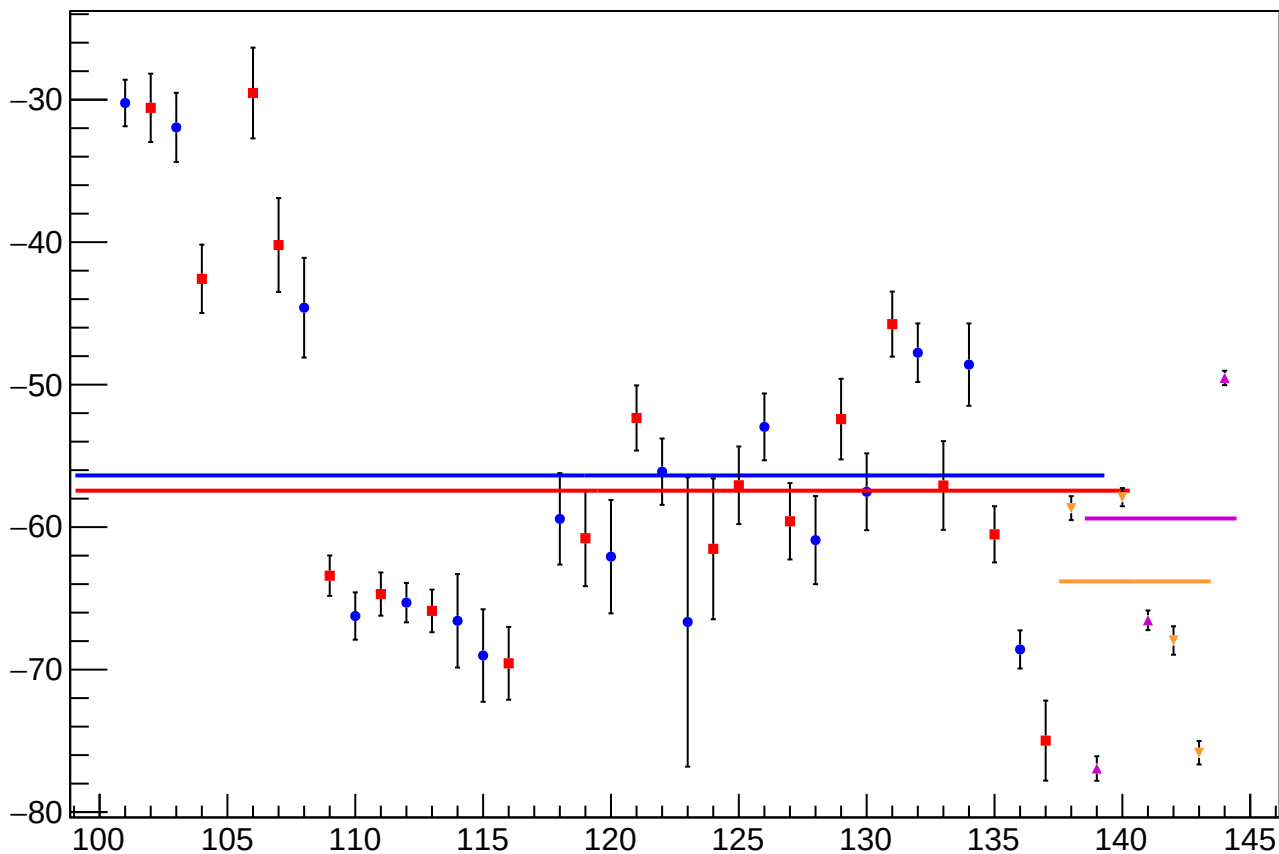
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 4.457 ± 0.202 χ^2/NDF : 172.2/19

Out: 5.539 ± 0.210 χ^2/NDF : 354.4/21

All: 4.976 ± 0.145 χ^2/NDF : 540.4/41

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -63.806 ± 0.396 $\chi^2/\text{NDF}: 355.0/3$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -59.392 ± 0.368 $\chi^2/\text{NDF}: 904.7/2$

Left: -61.440 ± 0.270 $\chi^2/\text{NDF}: 1326.3/6$

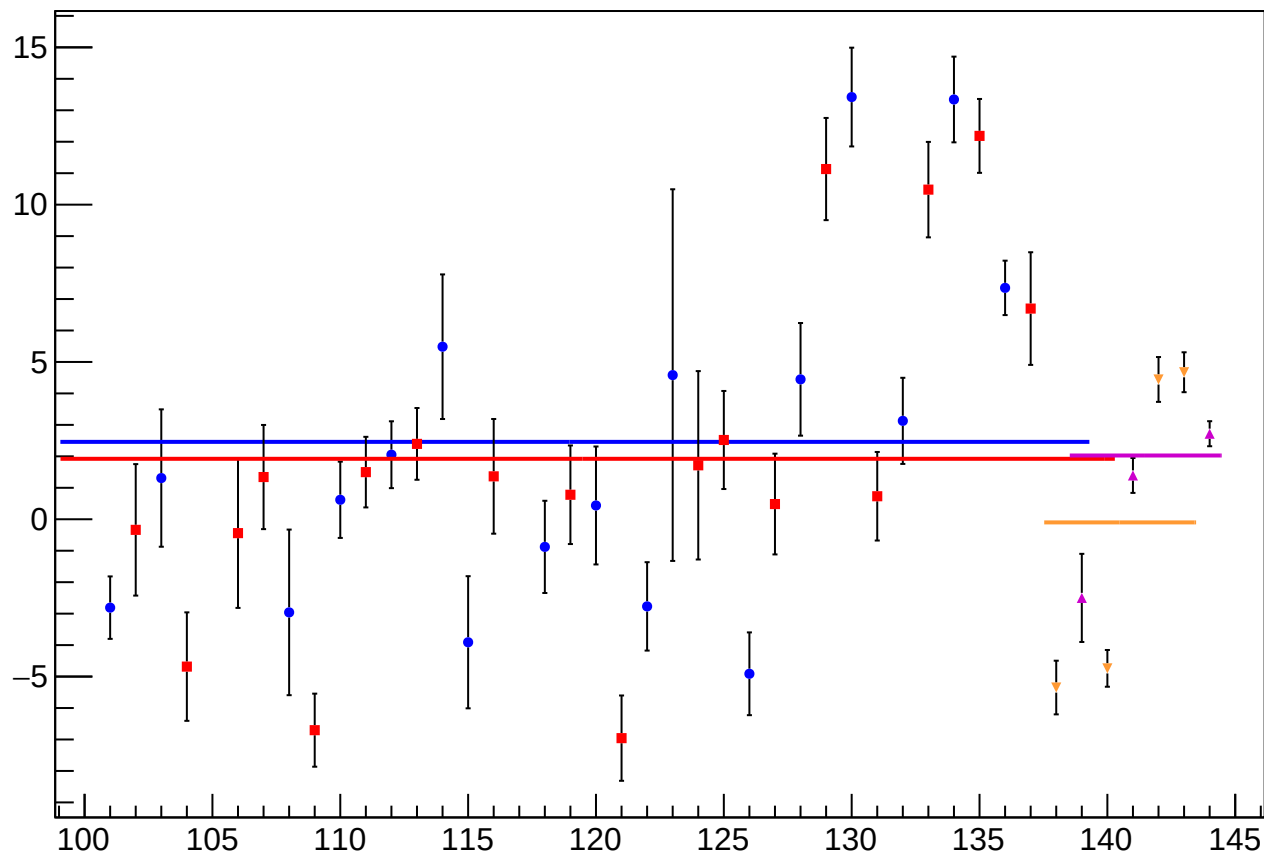
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -58.440 ± 0.305 $\chi^2/\text{NDF}: 1513.4/19$

Out: -61.564 ± 0.319 $\chi^2/\text{NDF}: 887.0/21$

All: -59.933 ± 0.220 $\chi^2/\text{NDF}: 2450.6/41$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: -0.100 $\pm$ 0.338 χ^2 /NDF:198.2/3

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 2.027 $\pm$ 0.315 χ^2 /NDF:14.8/2

Left: 1.038 $\pm$ 0.230 χ^2 /NDF: 234.2/6

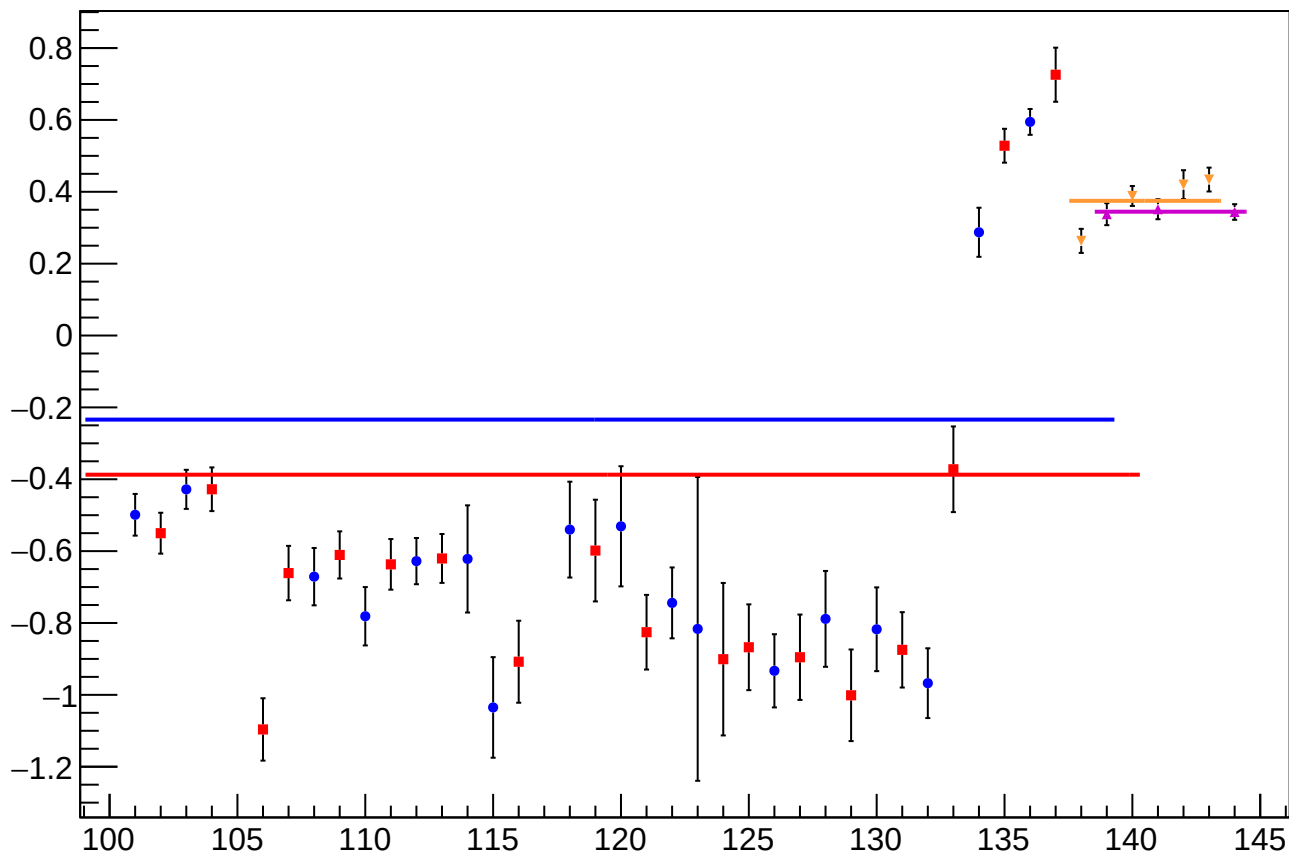
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 2.223 $\pm$ 0.233 χ^2 /NDF:259.6/19

Out: 0.861 $\pm$ 0.245 χ^2 /NDF:480.4/21

All: 1.575 $\pm$ 0.169 χ^2 /NDF: 756.2/41

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: 0.375 ± 0.016 χ^2/NDF : 15.8/3

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: 0.358 ± 0.011 χ^2/NDF : 17.7/6

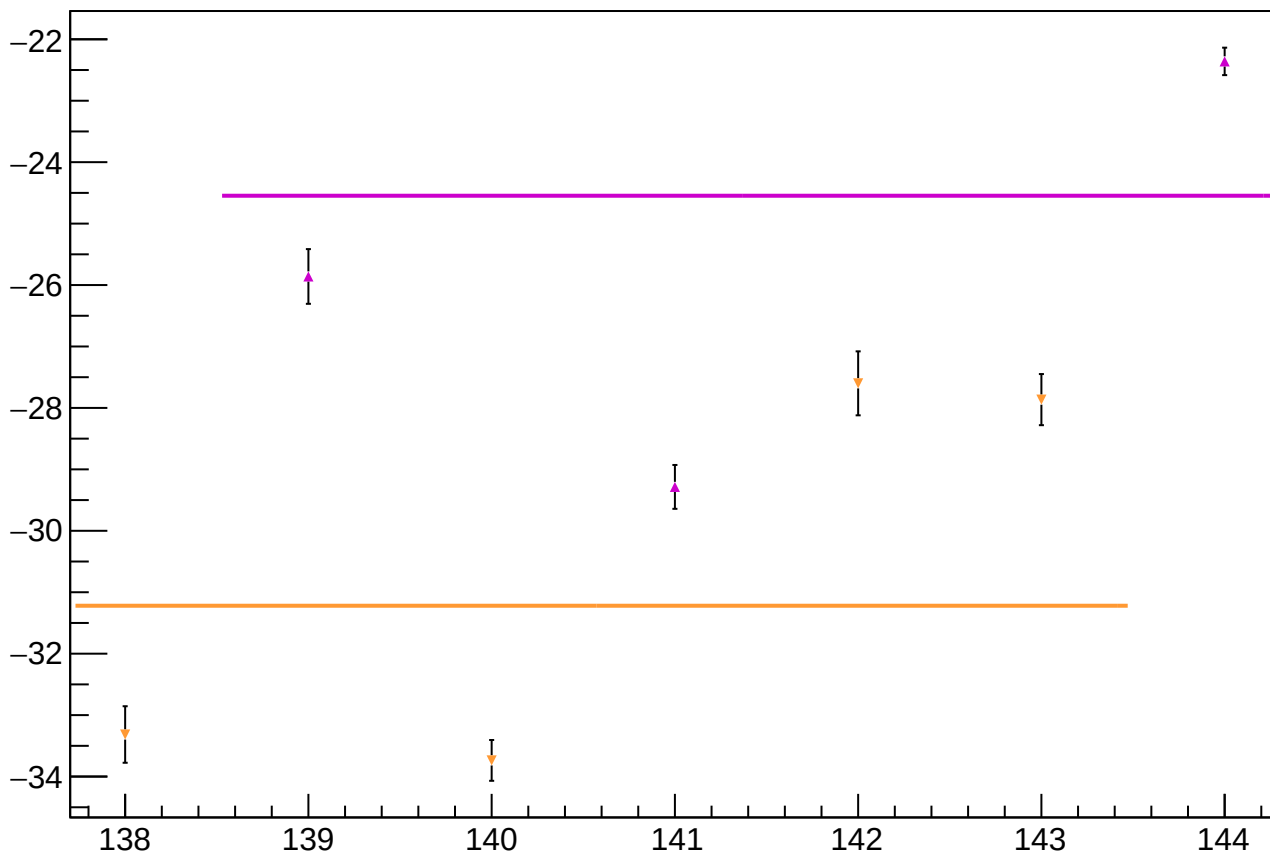
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.121 ± 0.012 χ^2/NDF : 1534.4/19

Out: 0.050 ± 0.012 χ^2/NDF : 1785.0/21

All: 0.088 ± 0.009 χ^2/NDF : 3337.0/41

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: -31.220+/-0.207 χ^2/NDF :191.6/3

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: -27.309+/-0.133 χ^2/NDF : 1079.6/6

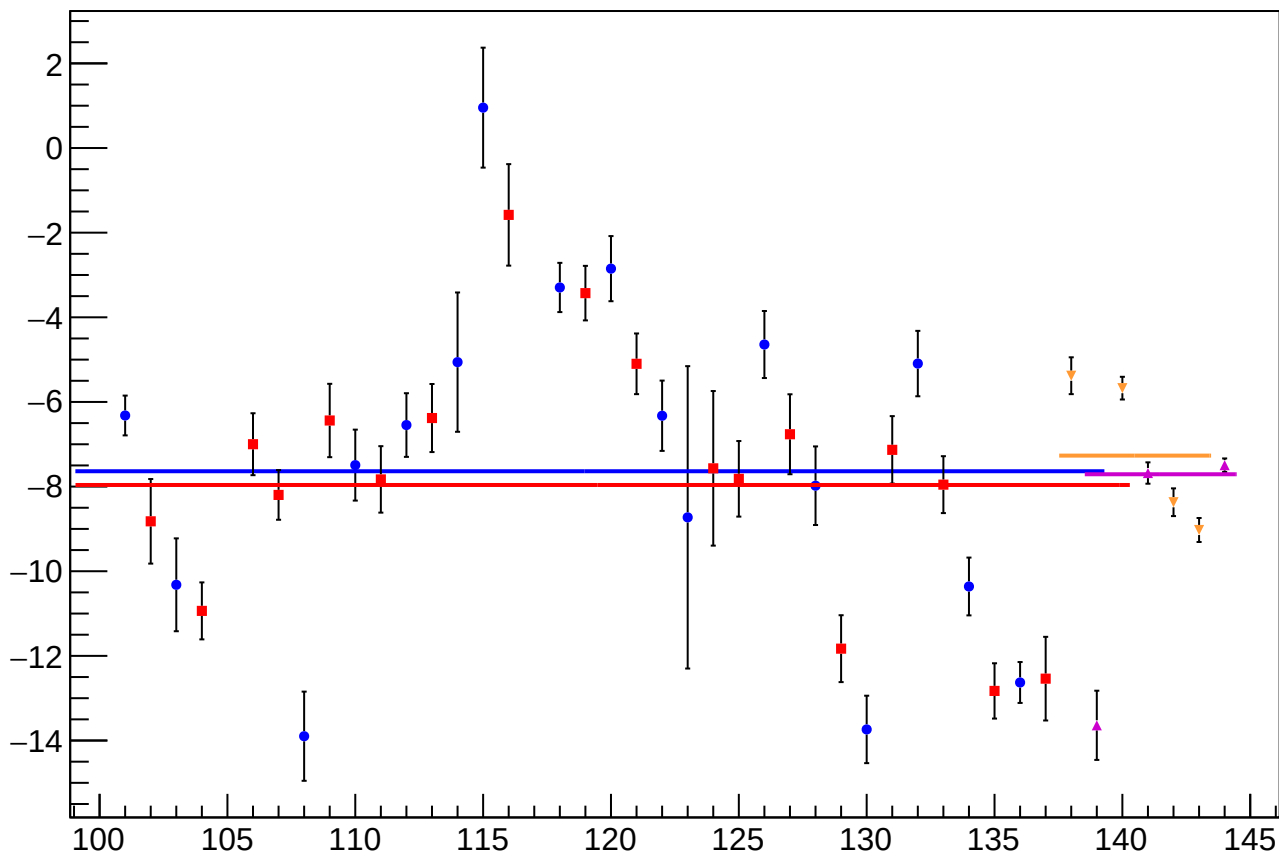
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.546+/-0.174 χ^2/NDF :280.8/2

Out: -31.220+/-0.207 χ^2/NDF :191.6/3

All: -27.309+/-0.133 χ^2/NDF : 1079.6/6

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: -7.268 ± 0.156 χ^2/NDF : 103.9/3

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: -7.523 ± 0.101 χ^2/NDF : 163.0/6

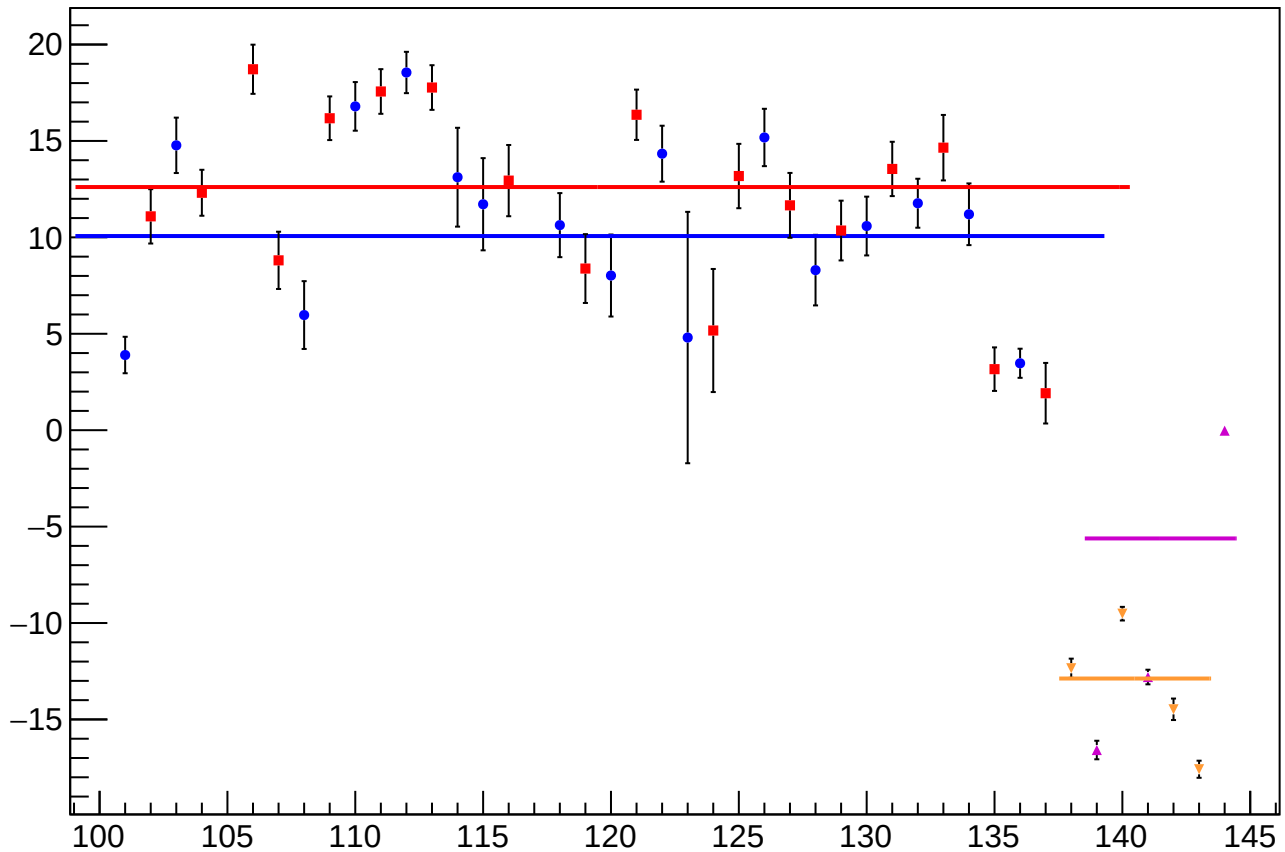
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.684 ± 0.108 χ^2/NDF : 448.5/19

Out: -7.555 ± 0.120 χ^2/NDF : 338.6/21

All: -7.626 ± 0.080 χ^2/NDF : 787.8/41

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -12.878 ± 0.222 χ^2/NDF : 212.3/3

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -5.614 ± 0.187 χ^2/NDF : 1423.8/2

Left: -8.627 ± 0.143 χ^2/NDF : 2264.0/6

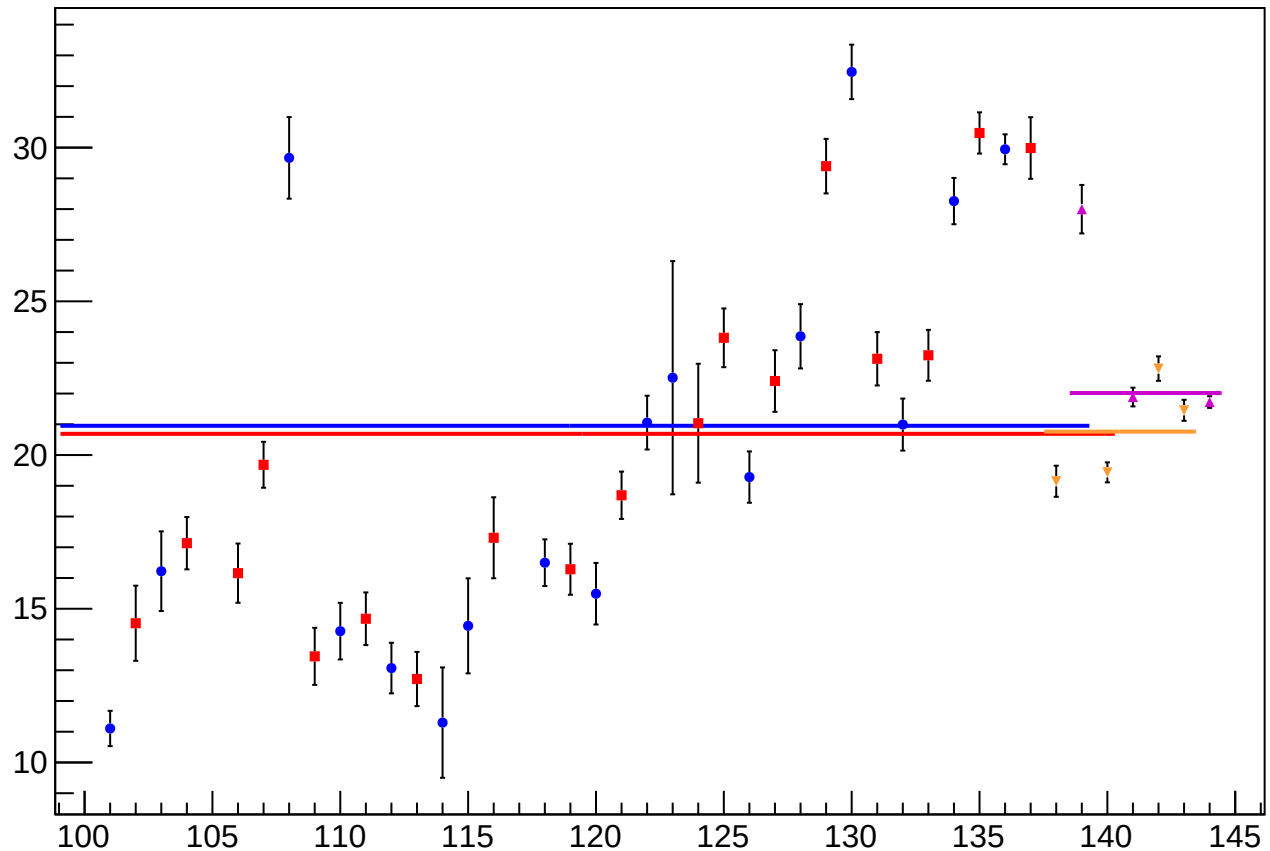
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -1.938 ± 0.163 χ^2/NDF : 3331.2/19

Out: -5.050 ± 0.185 χ^2/NDF : 4487.8/21

All: -3.305 ± 0.122 χ^2/NDF : 7978.4/41

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: 20.762 $\pm$ 0.188 χ^2 /NDF: 57.5/3

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: 21.500 $\pm$ 0.121 χ^2 /NDF: 143.9/6

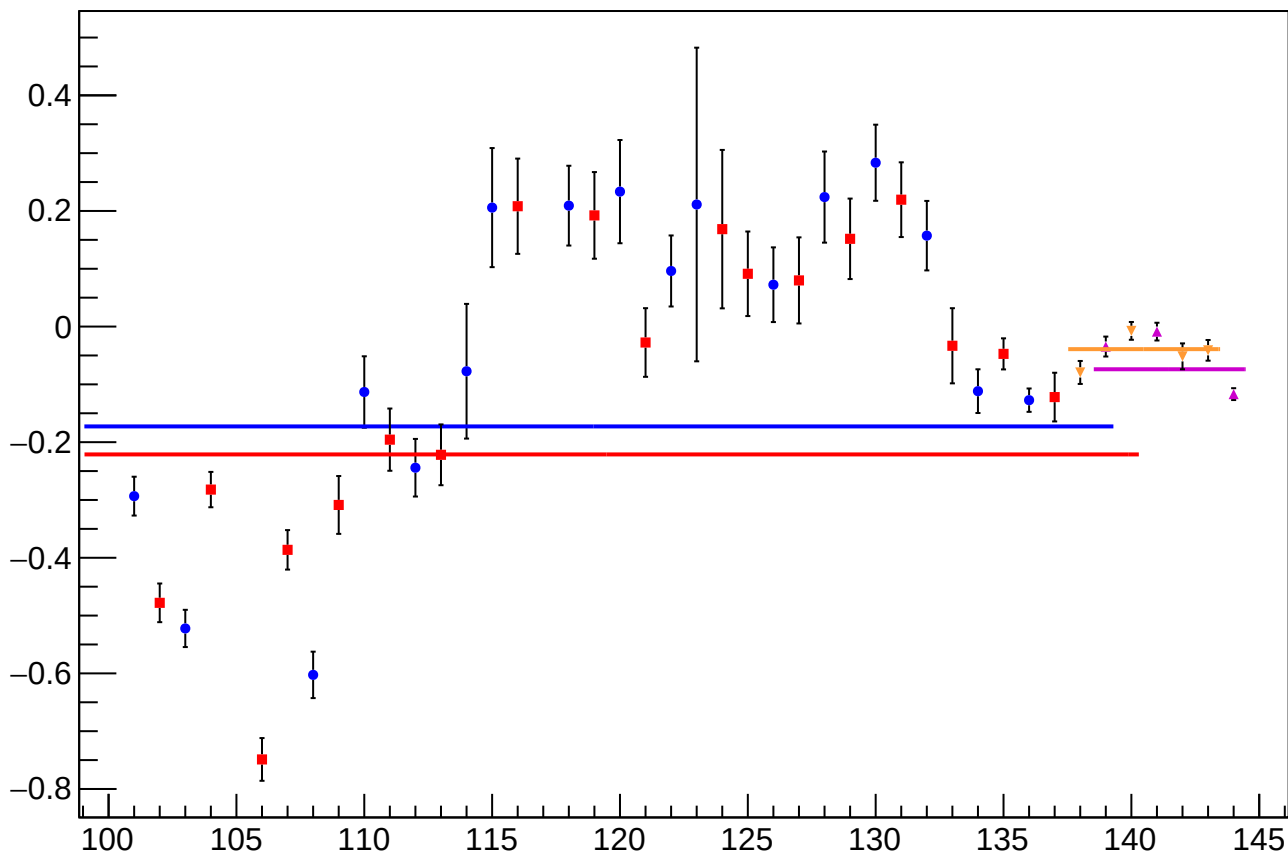
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.633 $\pm$ 0.126 χ^2 /NDF: 1299.4/19

Out: 20.730 $\pm$ 0.141 χ^2 /NDF: 784.5/21

All: 21.233 $\pm$ 0.094 χ^2 /NDF: 2106.8/41

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: -0.039 ± 0.009 χ^2/NDF : 8.7/3

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: -0.060 ± 0.006 χ^2/NDF : 58.0/6

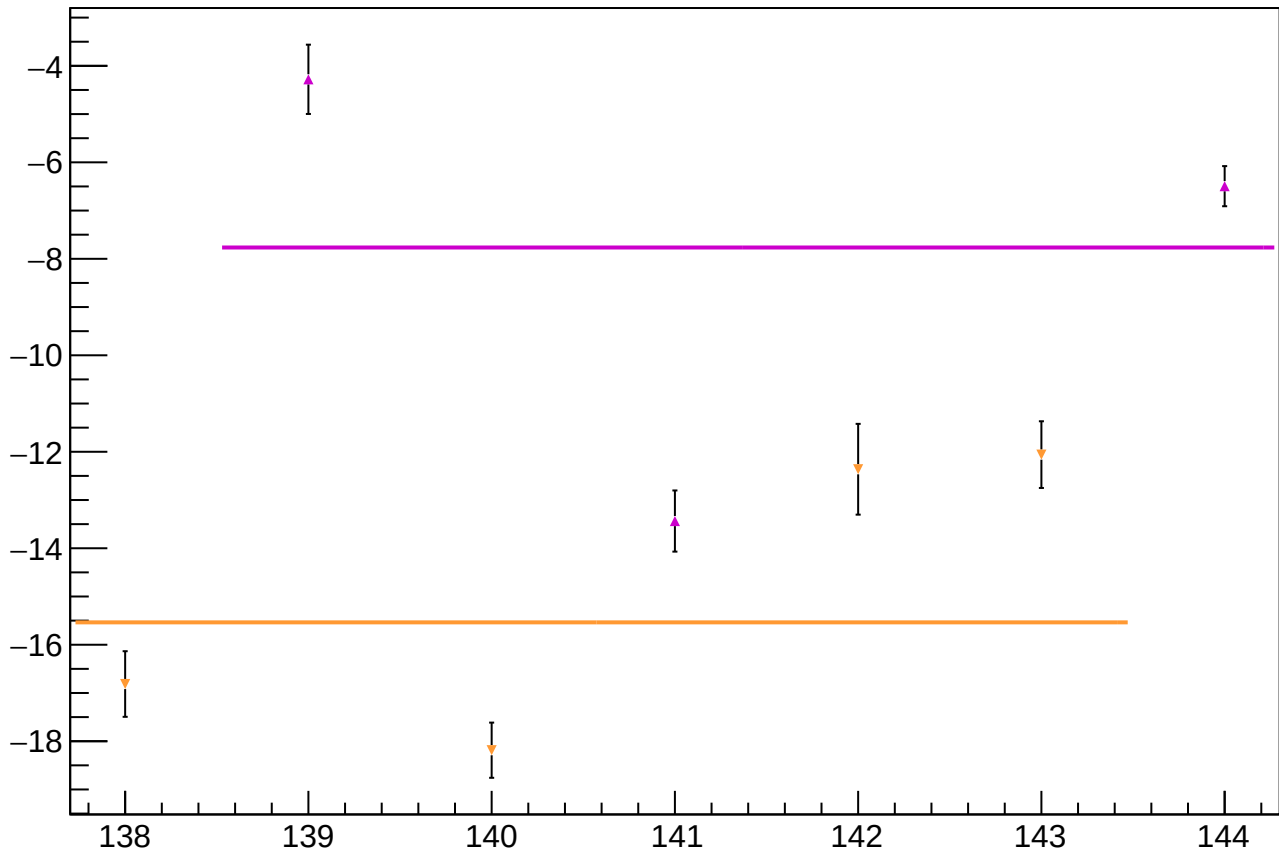
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.105 ± 0.006 χ^2/NDF : 554.4/19

Out: -0.114 ± 0.007 χ^2/NDF : 706.0/21

All: -0.109 ± 0.005 χ^2/NDF : 1261.3/41

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: -15.536+/-0.344 χ^2/NDF :61.7/3

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: -11.282+/-0.232 χ^2/NDF : 453.5/6

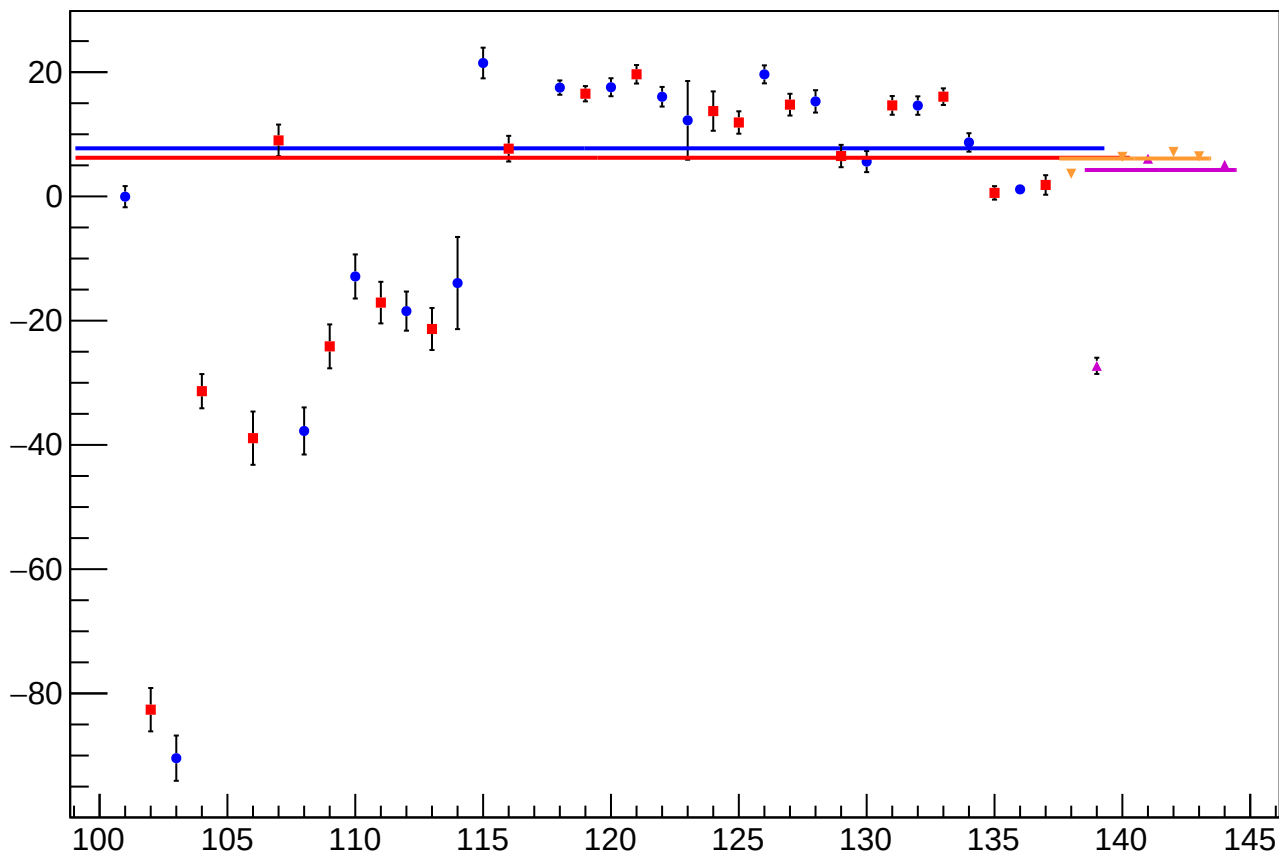
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.766+/-0.313 χ^2/NDF :112.9/2

Out: -15.536+/-0.344 χ^2/NDF :61.7/3

All: -11.282+/-0.232 χ^2/NDF : 453.5/6

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: 6.103 ± 0.264 χ^2/NDF : 18.3/3

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: 5.103 ± 0.179 χ^2/NDF : 650.7/6

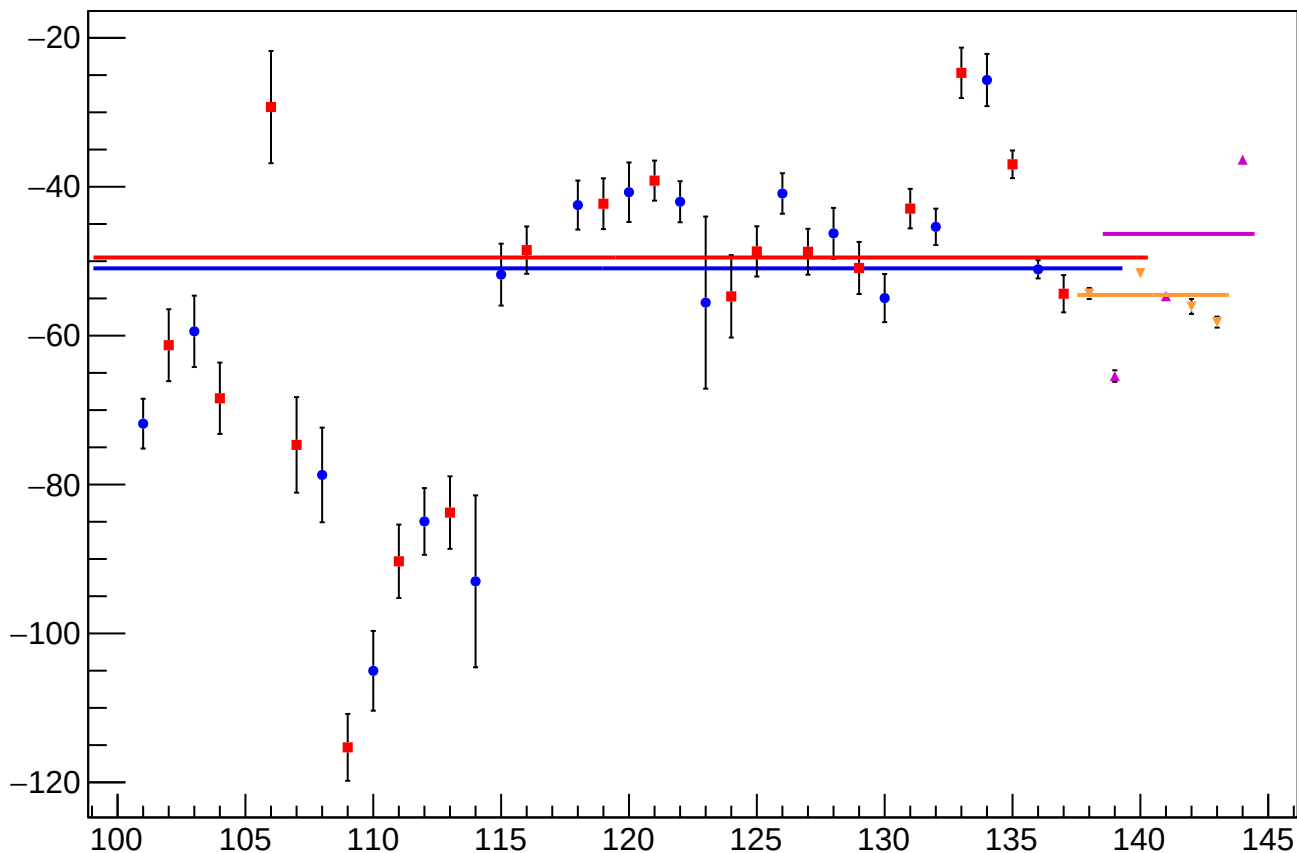
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.185 ± 0.208 χ^2/NDF : 2019.7/19

Out: 6.135 ± 0.225 χ^2/NDF : 1464.3/21

All: 5.622 ± 0.153 χ^2/NDF : 3493.6/41

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 $\chi^2/\text{NDF}: 331.9/16$

Left Out: -54.530 ± 0.369 $\chi^2/\text{NDF}: 50.1/3$

Right Out: -49.502 ± 0.798 $\chi^2/\text{NDF}: 506.4/17$

Left In: -46.332 ± 0.335 $\chi^2/\text{NDF}: 1258.6/2$

Left: -50.047 ± 0.248 $\chi^2/\text{NDF}: 1579.3/6$

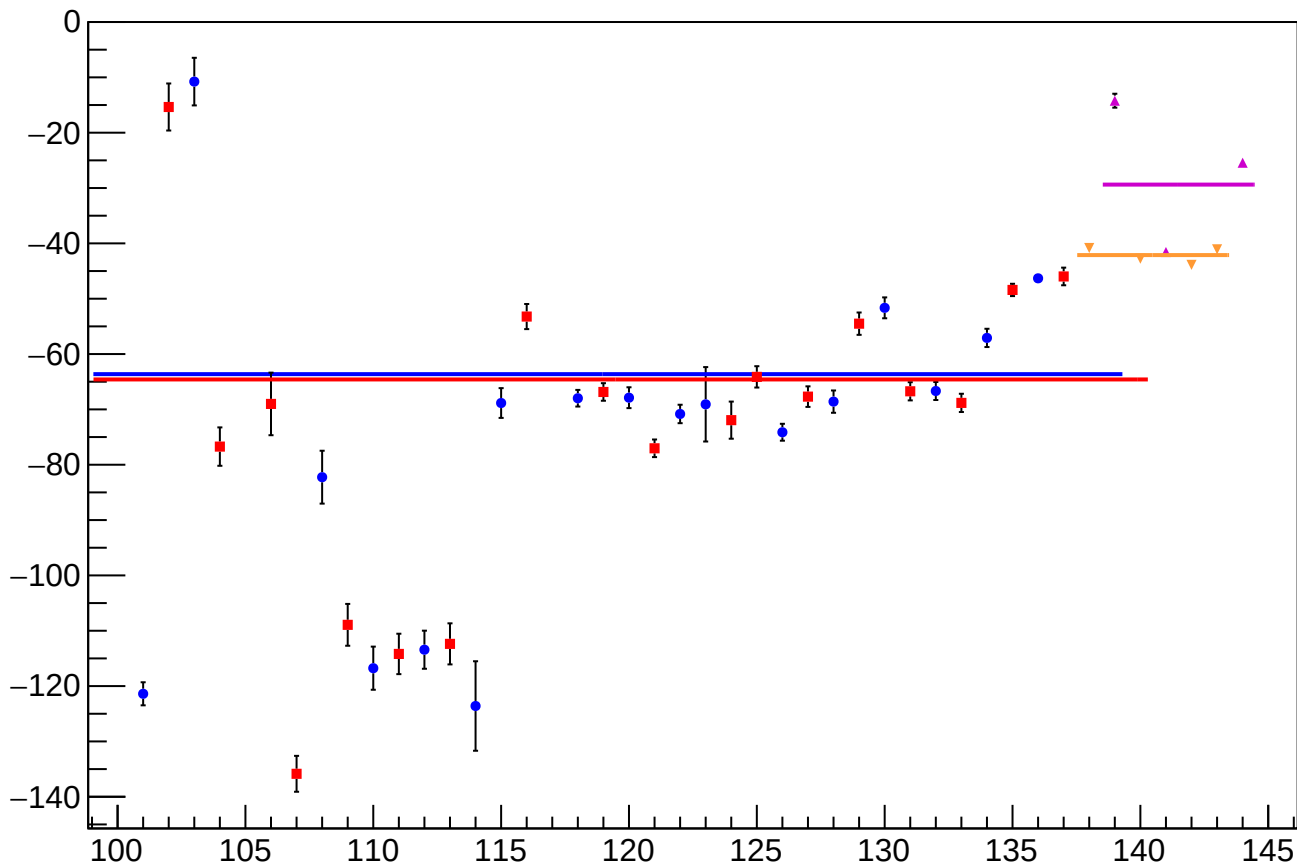
Right: -50.287 ± 0.542 $\chi^2/\text{NDF}: 840.1/34$

In: -47.124 ± 0.305 $\chi^2/\text{NDF}: 1623.1/19$

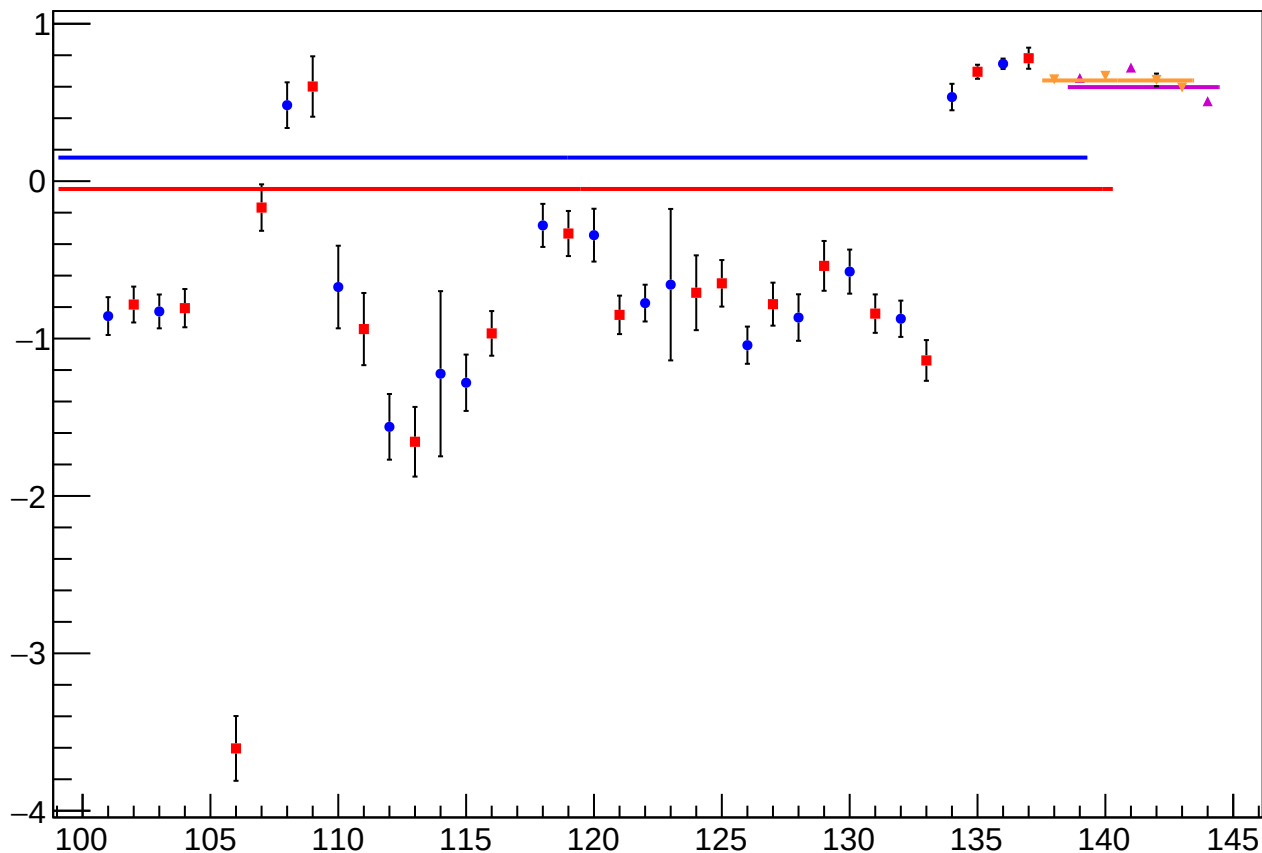
Out: -53.646 ± 0.335 $\chi^2/\text{NDF}: 589.2/21$

All: -50.089 ± 0.226 $\chi^2/\text{NDF}: 2419.5/41$

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



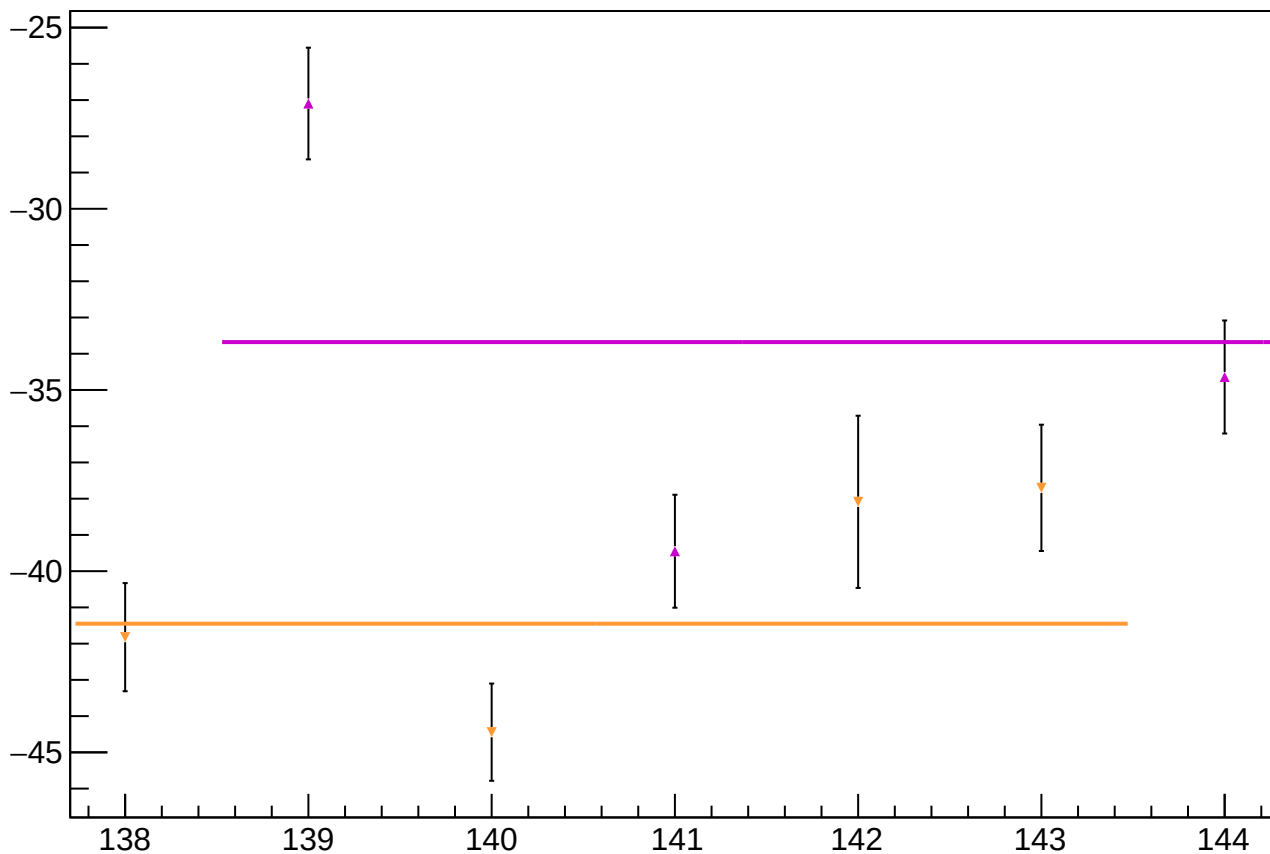
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.640 ± 0.015 $\chi^2/\text{NDF}: 3.6/3$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.598 ± 0.014 $\chi^2/\text{NDF}: 47.1/2$

Left: 0.616 ± 0.010 $\chi^2/\text{NDF}: 55.0/6$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.488 ± 0.012 $\chi^2/\text{NDF}: 1299.7/19$
 Out: 0.466 ± 0.013 $\chi^2/\text{NDF}: 1674.5/21$
 All: 0.478 ± 0.009 $\chi^2/\text{NDF}: 2975.7/41$

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: -41.450+/-0.813 χ^2/NDF :11.7/3

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: -37.942+/-0.602 χ^2/NDF : 85.2/6

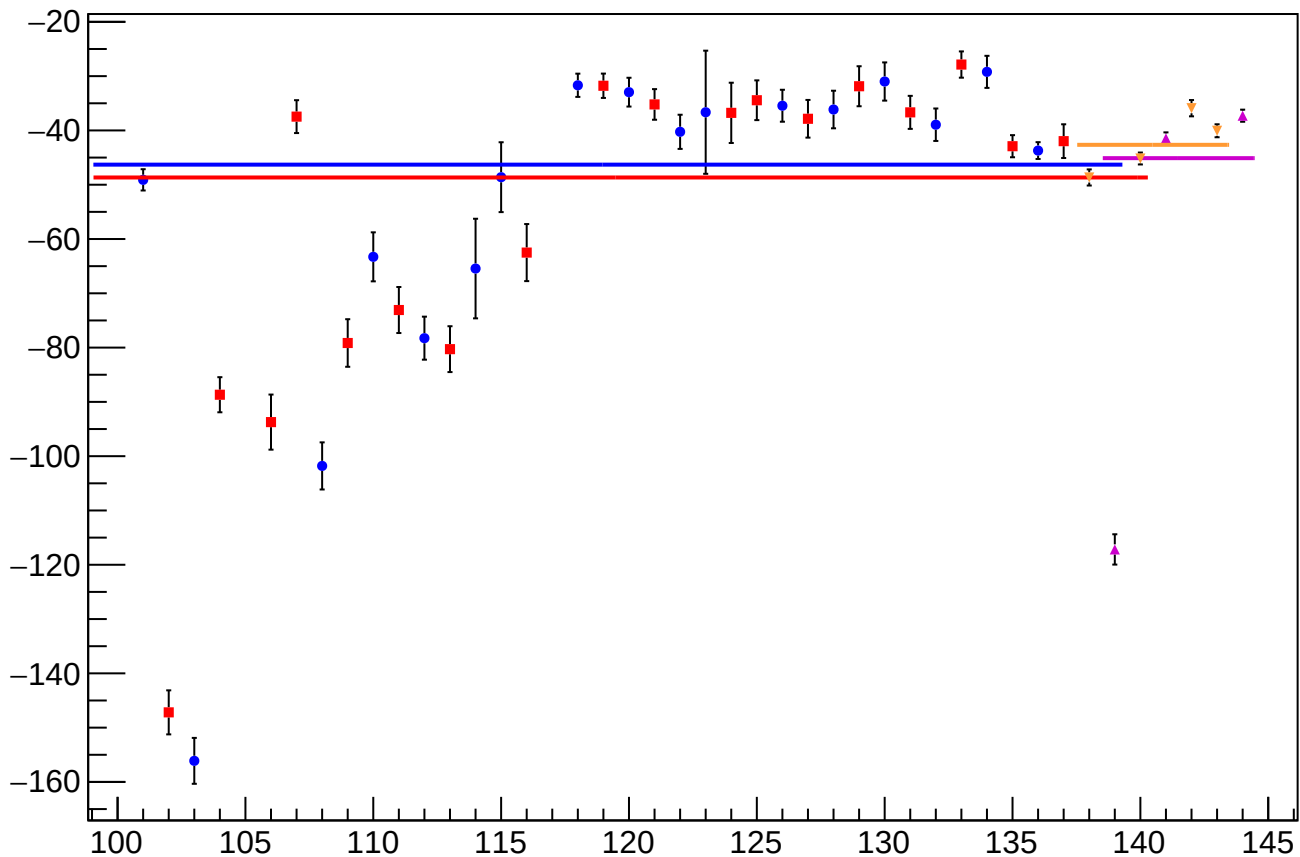
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.679+/-0.897 χ^2/NDF :32.3/2

Out: -41.450+/-0.813 χ^2/NDF :11.7/3

All: -37.942+/-0.602 χ^2/NDF : 85.2/6

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: -42.652 ± 0.642 $\chi^2/\text{NDF}: 46.6/3$

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: -43.679 ± 0.490 $\chi^2/\text{NDF}: 778.9/6$

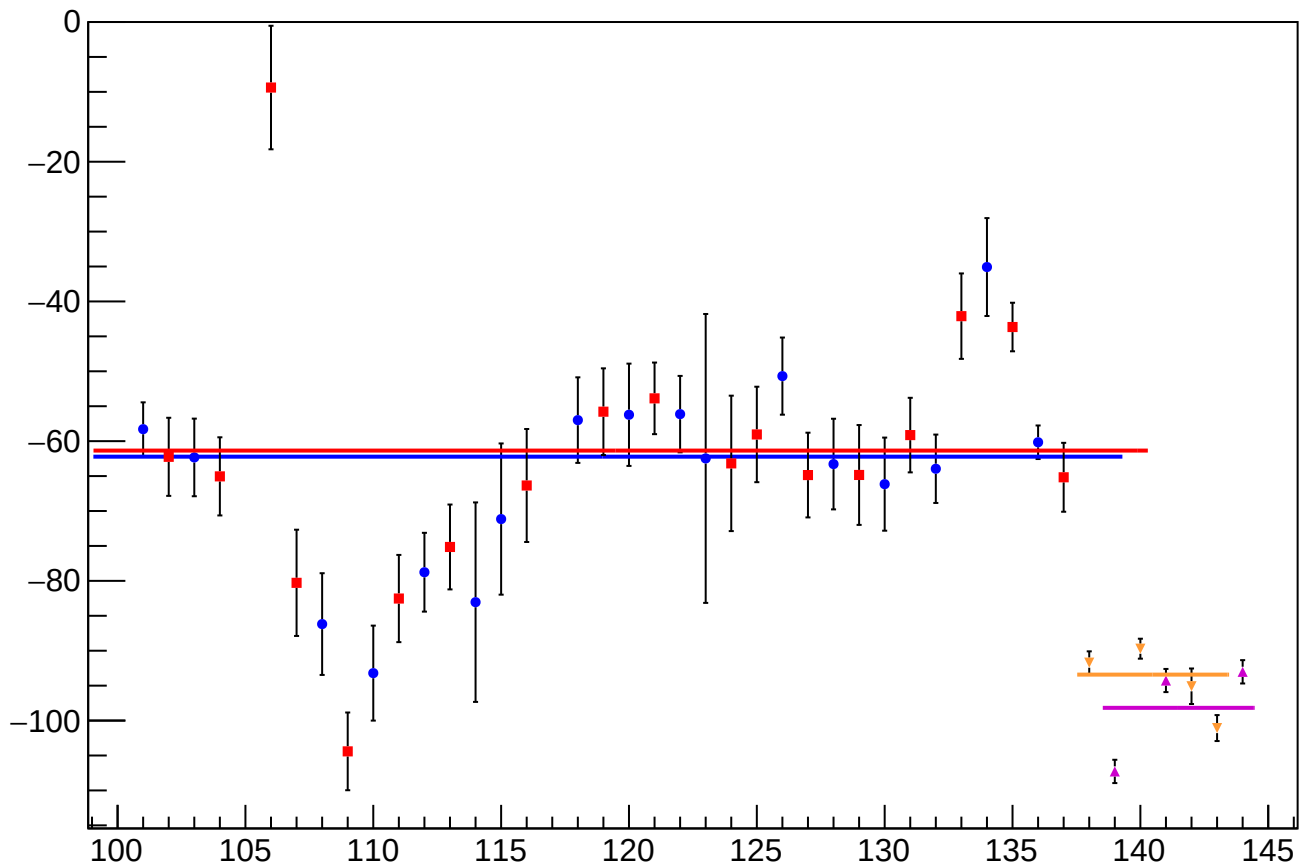
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -45.731 ± 0.523 $\chi^2/\text{NDF}: 1811.5/19$

Out: -45.144 ± 0.491 $\chi^2/\text{NDF}: 1295.2/21$

All: -45.420 ± 0.358 $\chi^2/\text{NDF}: 3107.3/41$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -93.421 ± 0.872 $\chi^2/\text{NDF}: 25.2/3$

Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$

Left In: -98.177 ± 0.961 $\chi^2/\text{NDF}: 44.9/2$

Left: -95.567 ± 0.646 $\chi^2/\text{NDF}: 83.6/6$

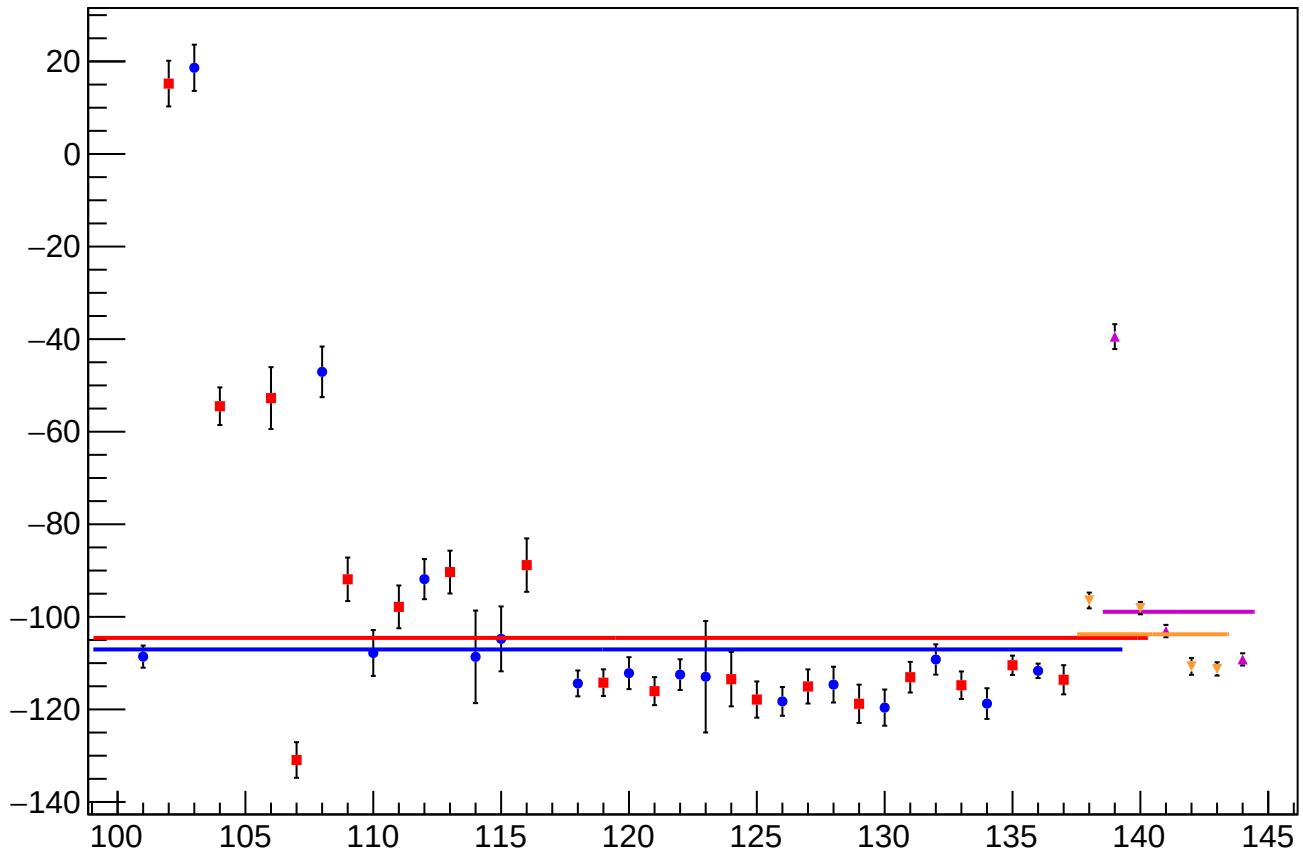
Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$

In: -85.613 ± 0.775 $\chi^2/\text{NDF}: 601.1/19$

Out: -84.302 ± 0.737 $\chi^2/\text{NDF}: 568.6/21$

All: -84.925 ± 0.534 $\chi^2/\text{NDF}: 1171.2/41$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -103.768 ± 0.767 χ^2/NDF : 78.2/3

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -98.908 ± 0.887 χ^2/NDF : 559.1/2

Left: -101.689 ± 0.580 χ^2/NDF : 654.5/6

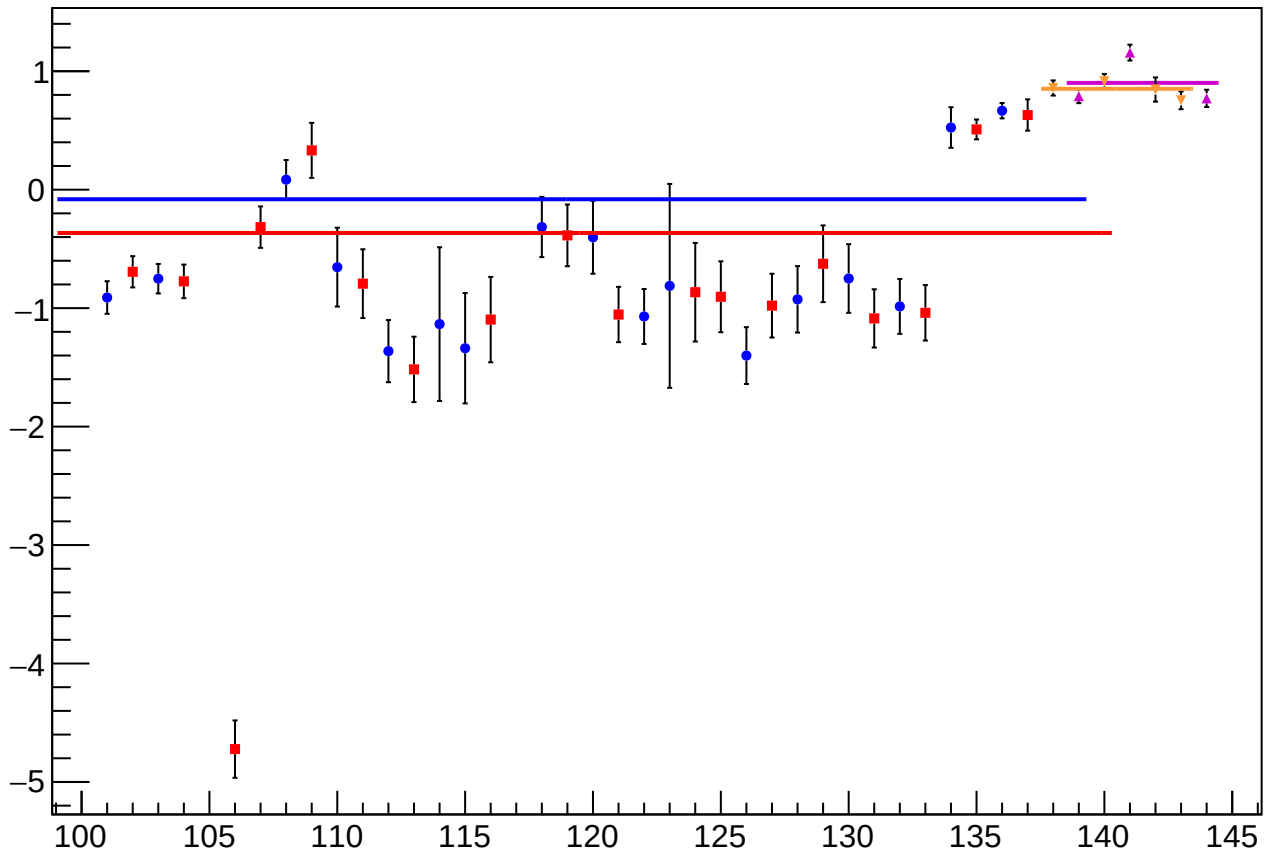
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -103.332 ± 0.599 χ^2/NDF : 1432.7/19

Out: -104.114 ± 0.573 χ^2/NDF : 1046.1/21

All: -103.741 ± 0.414 χ^2/NDF : 2479.6/41

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: 0.852 ± 0.036 χ^2/NDF : 2.7/3

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: 0.875 ± 0.026 χ^2/NDF : 25.1/6

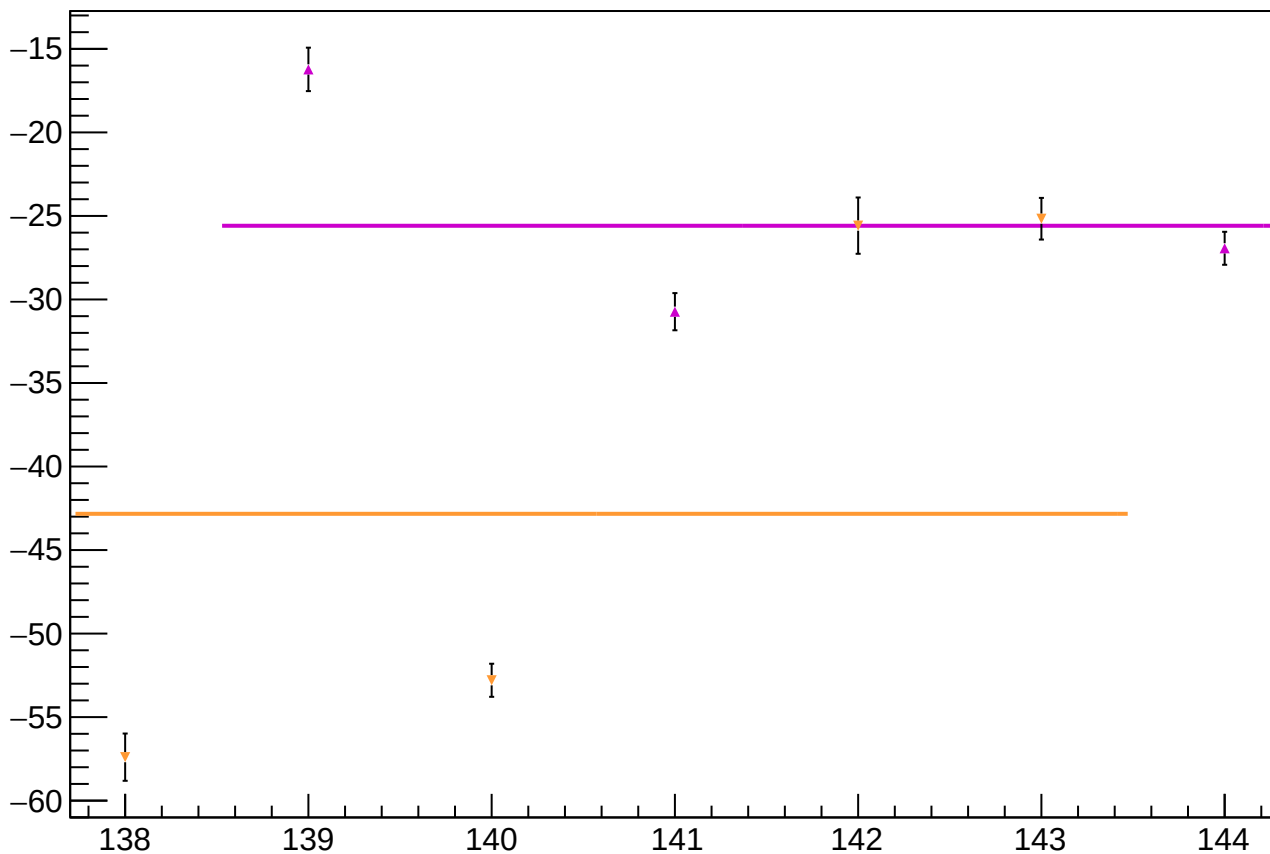
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.464 ± 0.028 χ^2/NDF : 651.0/19

Out: 0.366 ± 0.028 χ^2/NDF : 1035.4/21

All: 0.414 ± 0.020 χ^2/NDF : 1692.6/41

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: -42.831+/-0.631 χ^2/NDF :512.9/3

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: -34.366+/-0.450 χ^2/NDF : 955.0/6

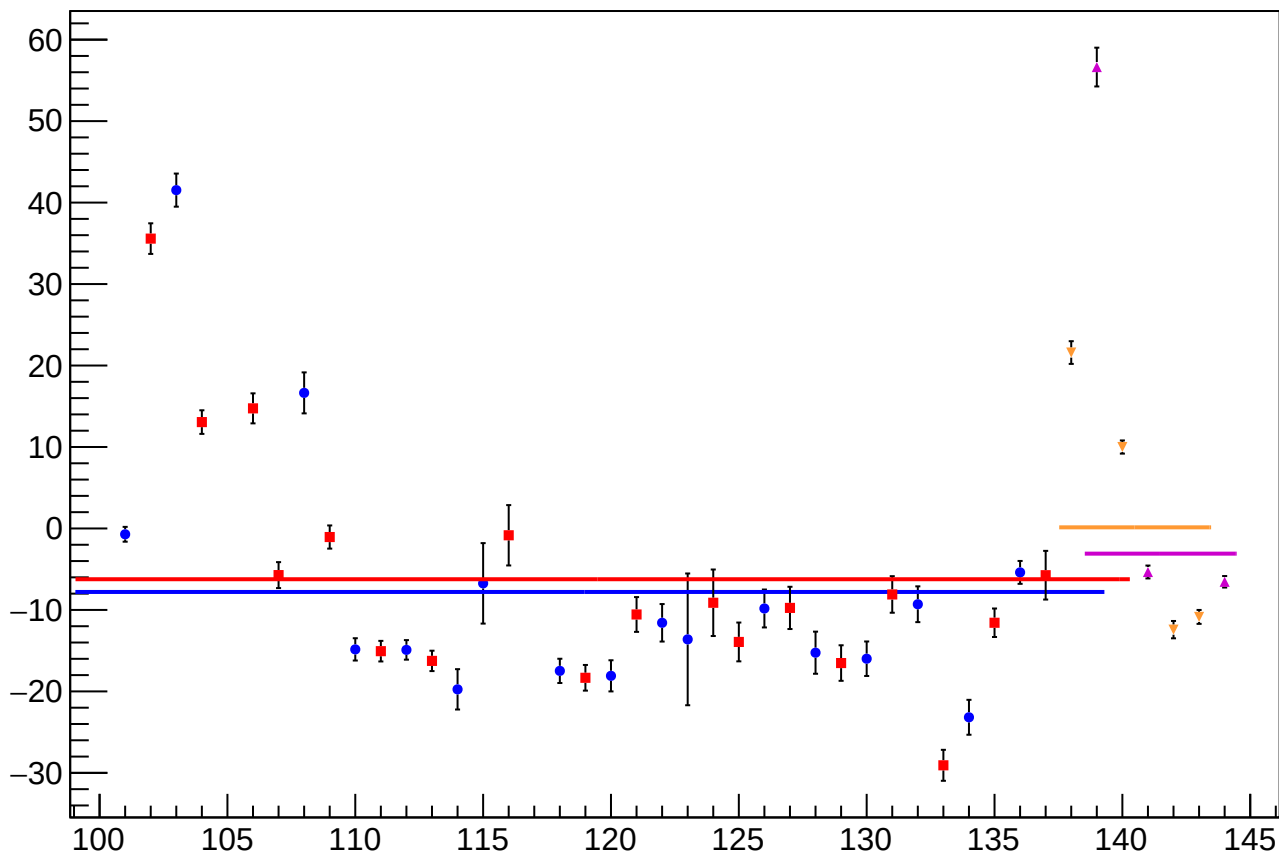
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.588+/-0.642 χ^2/NDF :75.1/2

Out: -42.831+/-0.631 χ^2/NDF :512.9/3

All: -34.366+/-0.450 χ^2/NDF : 955.0/6

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: 0.138 ± 0.482 χ^2/NDF : 690.3/3

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: -1.374 ± 0.352 χ^2/NDF : 1372.8/6

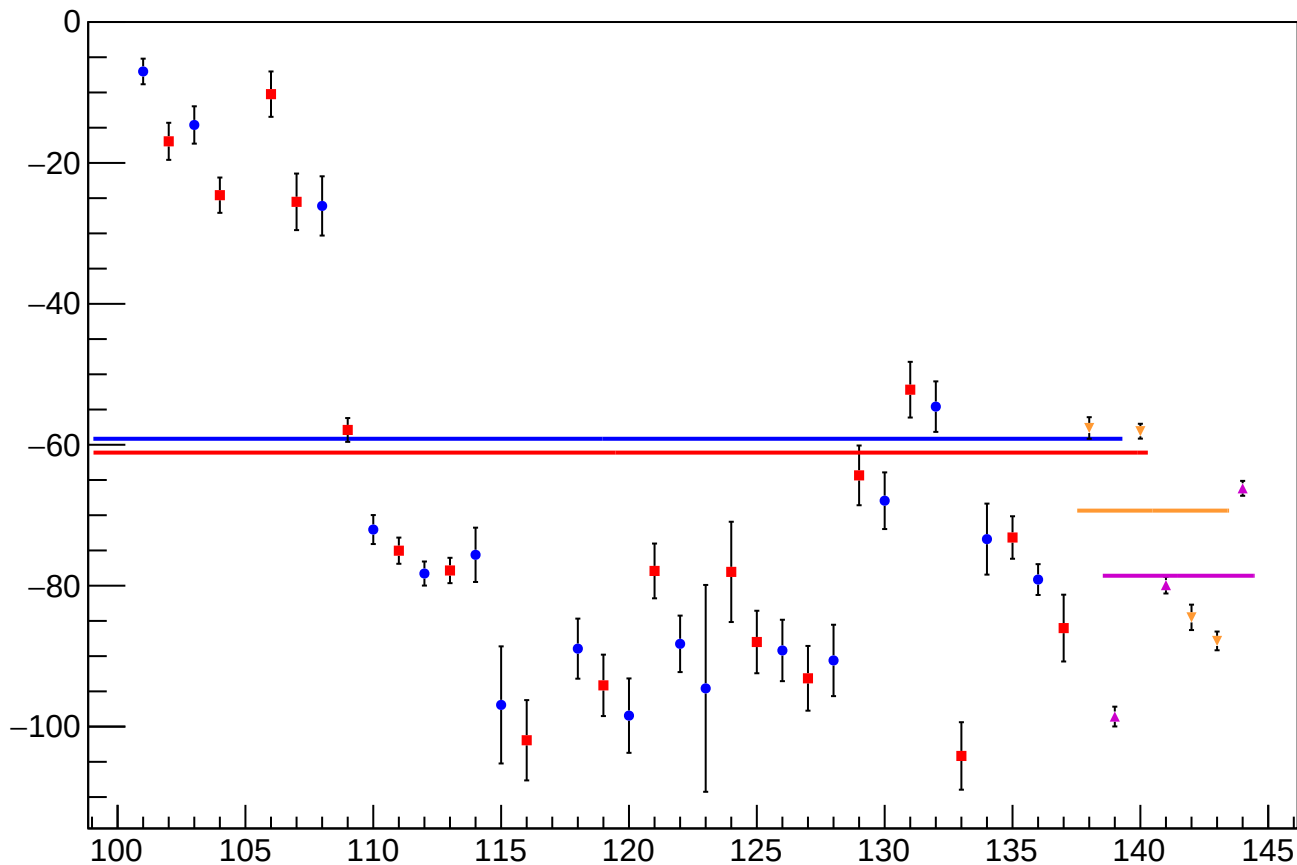
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -5.869 ± 0.329 χ^2/NDF : 1693.7/19

Out: -3.413 ± 0.321 χ^2/NDF : 1970.5/21

All: -4.610 ± 0.230 χ^2/NDF : 3692.7/41

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -69.346 $\pm$ 0.675 χ^2 /NDF: 436.7/3

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -78.589 $\pm$ 0.688 χ^2 /NDF: 341.4/2

Left: -73.879 $\pm$ 0.482 χ^2 /NDF: 870.2/6

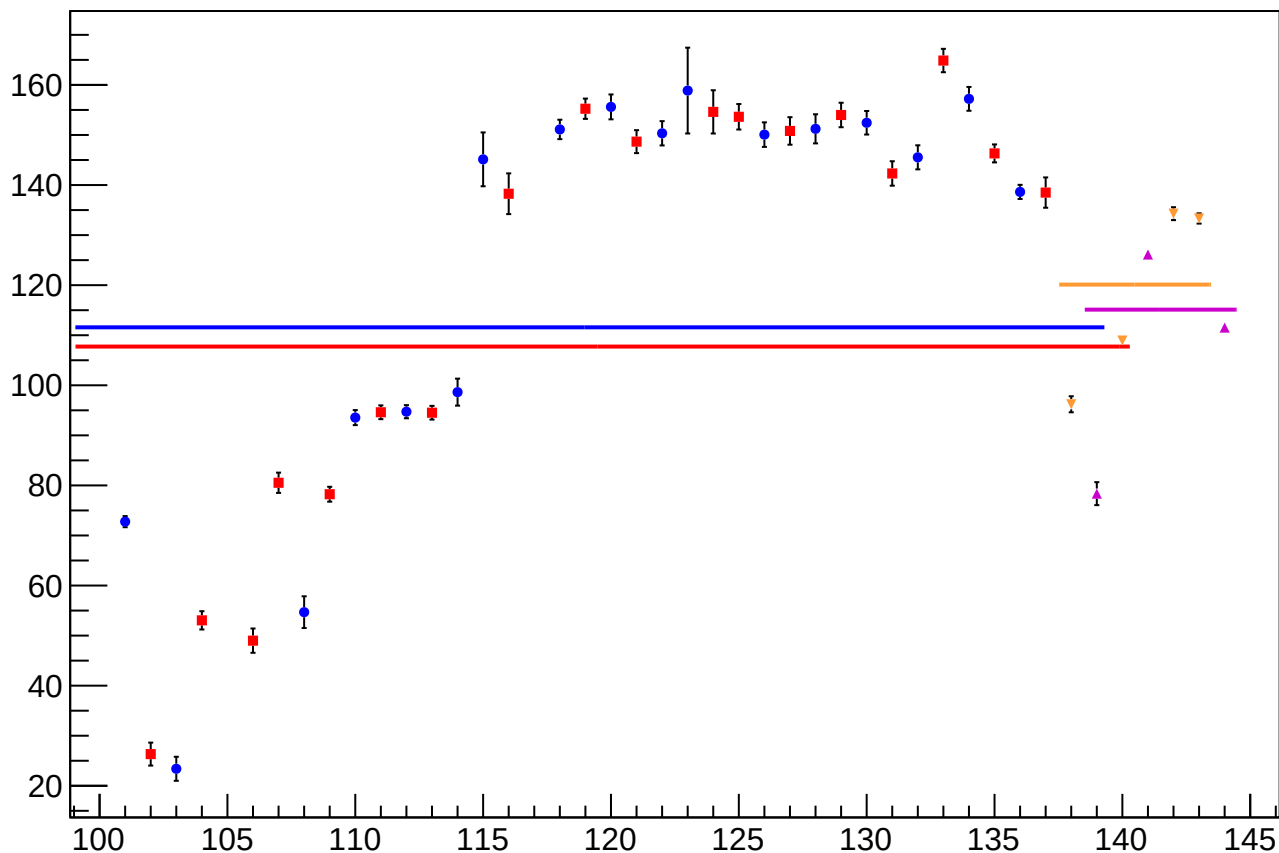
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -69.650 $\pm$ 0.505 χ^2 /NDF: 2427.2/19

Out: -65.427 $\pm$ 0.488 χ^2 /NDF: 1825.4/21

All: -67.466 $\pm$ 0.351 χ^2 /NDF: 4288.8/41

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.114 $\pm$ 0.579 χ^2 /NDF:639.7/3

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: 117.730 $\pm$ 0.418 χ^2 /NDF: 1083.8/6

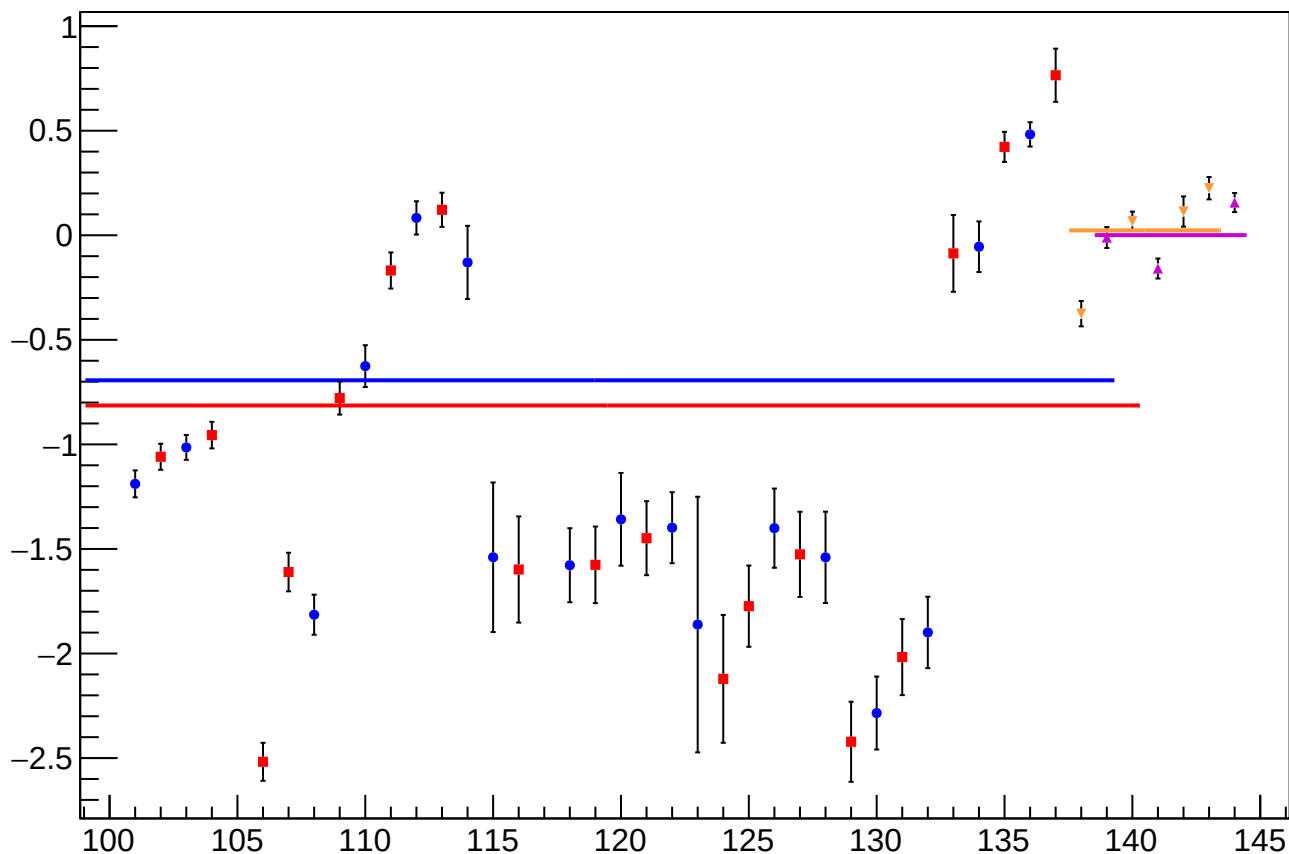
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 112.969 $\pm$ 0.380 χ^2 /NDF:6375.1/19

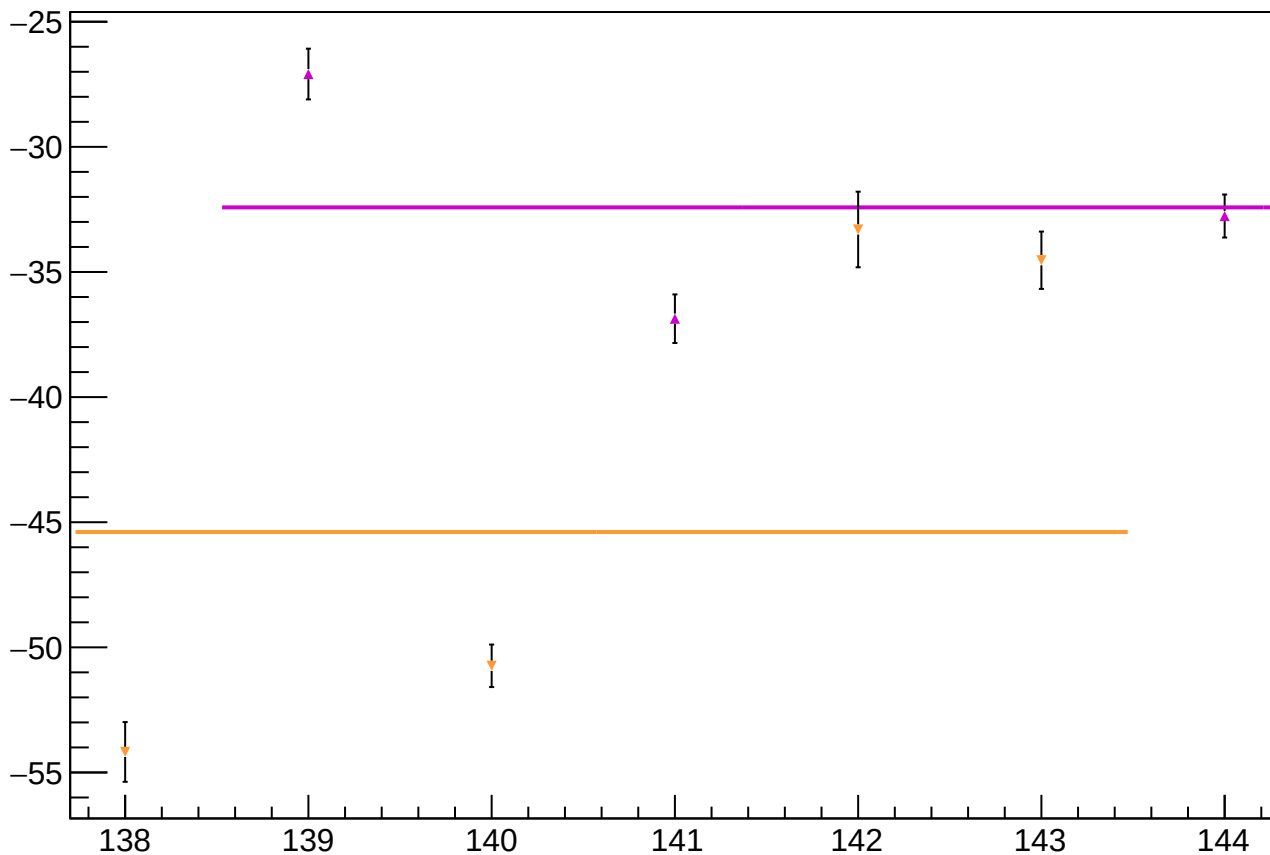
Out: 112.888 $\pm$ 0.373 χ^2 /NDF:7743.1/21

All: 112.928 $\pm$ 0.266 χ^2 /NDF: 14118.3/41

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



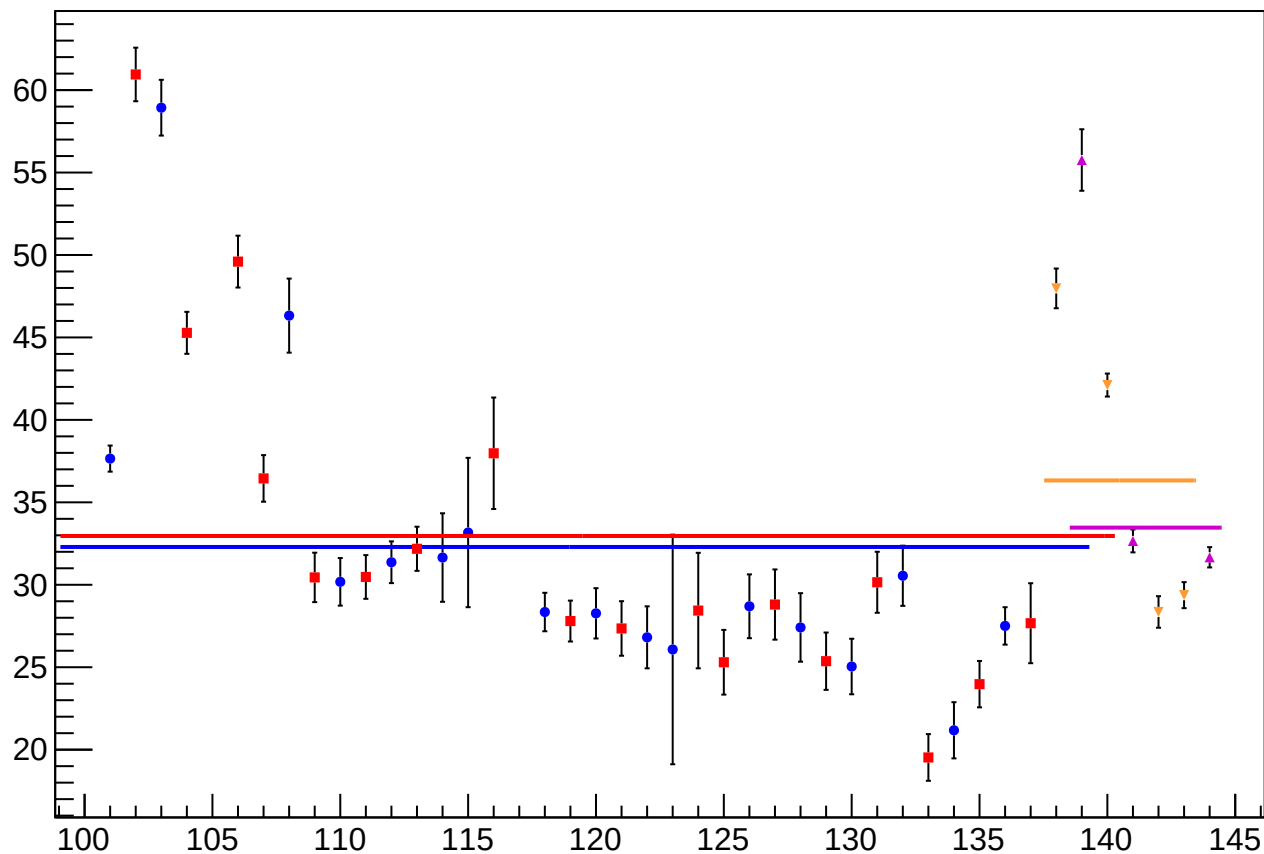
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -45.391+/-0.552 χ^2/NDF : 247.7/3
 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: -38.805+/-0.387 χ^2/NDF : 577.2/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.419+/-0.543 χ^2/NDF : 48.8/2
 Out: -45.391+/-0.552 χ^2/NDF : 247.7/3
 All: -38.805+/-0.387 χ^2/NDF : 577.2/6

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: 36.328 ± 0.428 $\chi^2/\text{NDF}: 309.7/3$

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: 34.958 ± 0.309 $\chi^2/\text{NDF}: 483.8/6$

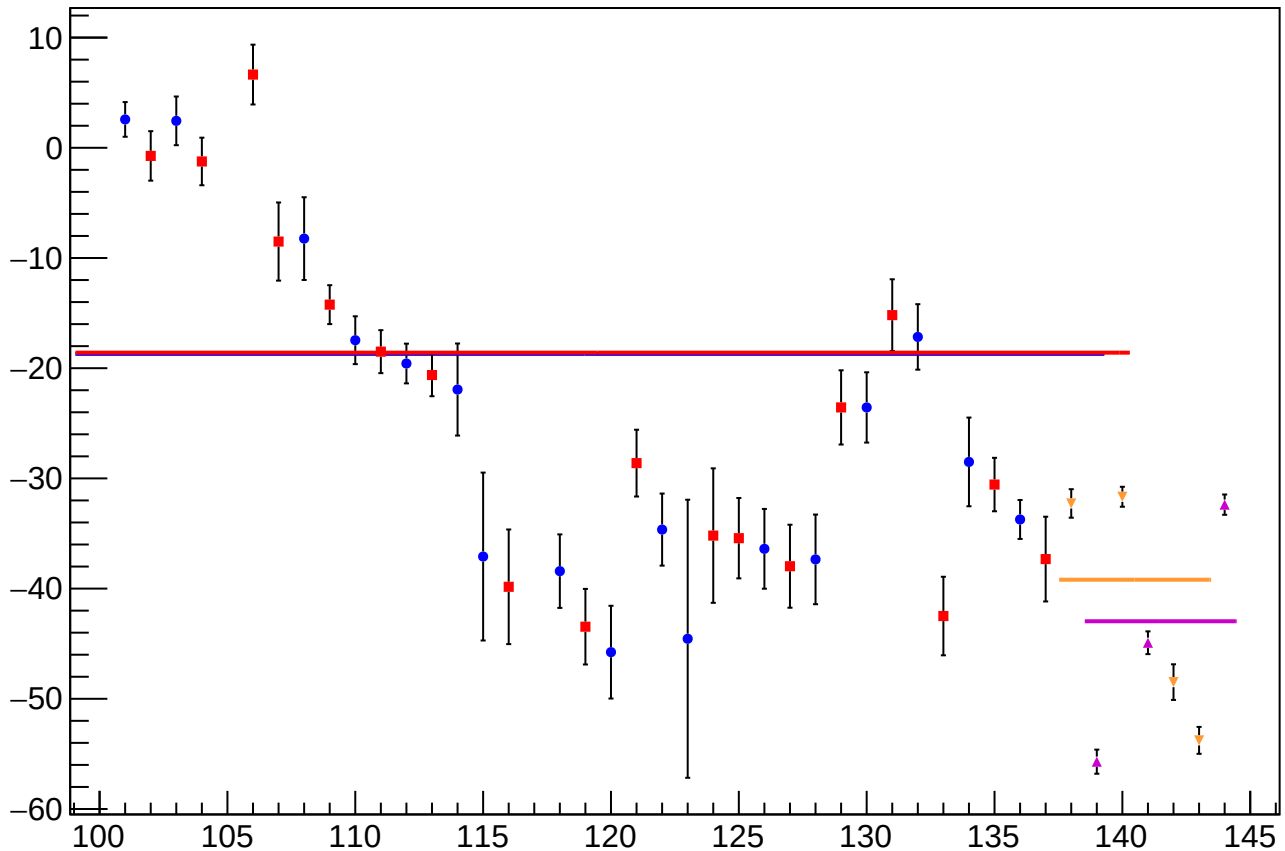
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 32.774 ± 0.287 $\chi^2/\text{NDF}: 609.3/19$

Out: 34.442 ± 0.284 $\chi^2/\text{NDF}: 1068.3/21$

All: 33.615 ± 0.202 $\chi^2/\text{NDF}: 1694.7/41$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699+/-0.667 χ^2/NDF : 519.1/16

Left Out: -39.194+/-0.590 χ^2/NDF : 273.0/3

Right Out: -18.590+/-0.648 χ^2/NDF : 461.3/17

Left In: -42.963+/-0.582 χ^2/NDF : 271.3/2

Left: -41.106+/-0.414 χ^2/NDF : 565.0/6

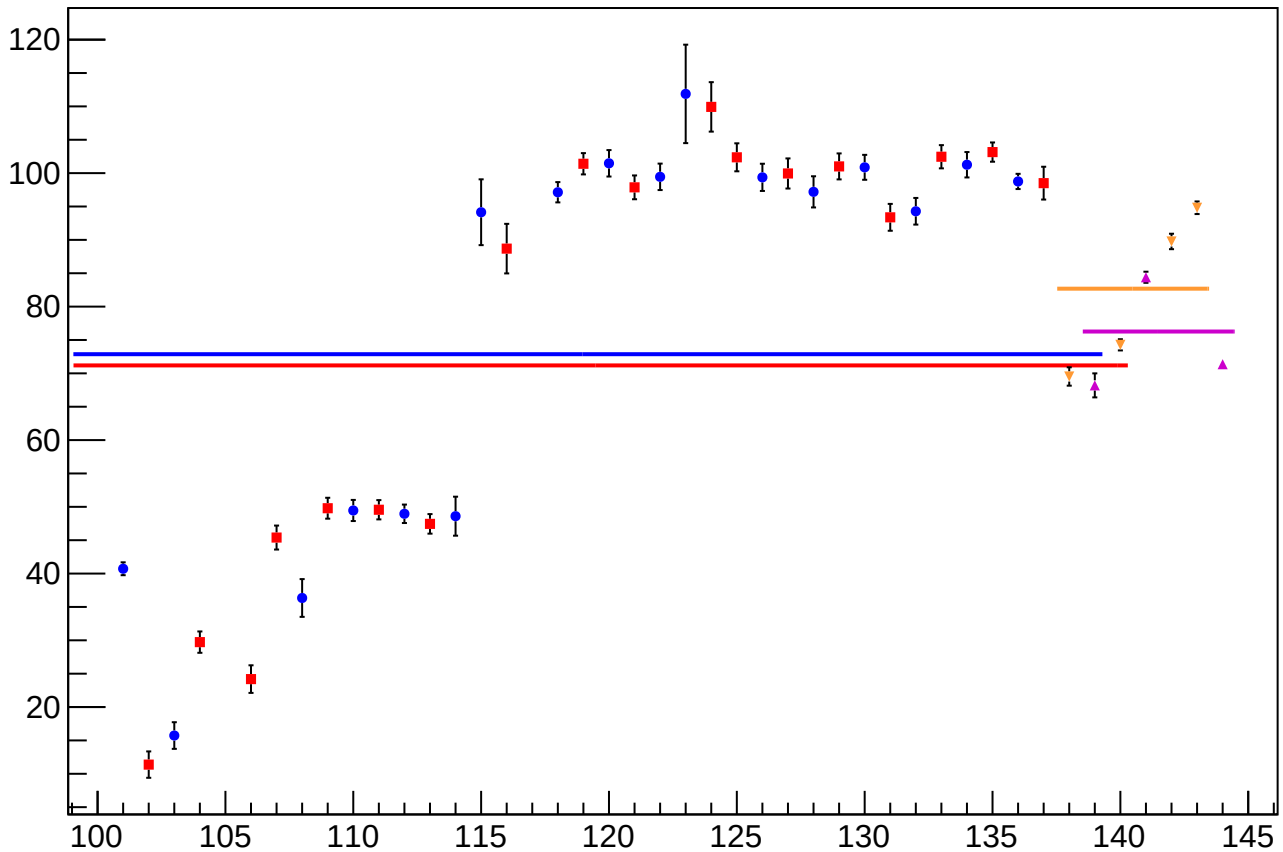
Right: -18.643+/-0.464 χ^2/NDF : 980.4/34

In: -32.467+/-0.438 χ^2/NDF : 1542.3/19

Out: -29.842+/-0.436 χ^2/NDF : 1287.2/21

All: -31.148+/-0.309 χ^2/NDF : 2847.6/41

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: 82.686 $\pm$ 0.513 χ^2 /NDF:393.3/3

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: 79.550 $\pm$ 0.367 χ^2 /NDF: 630.6/6

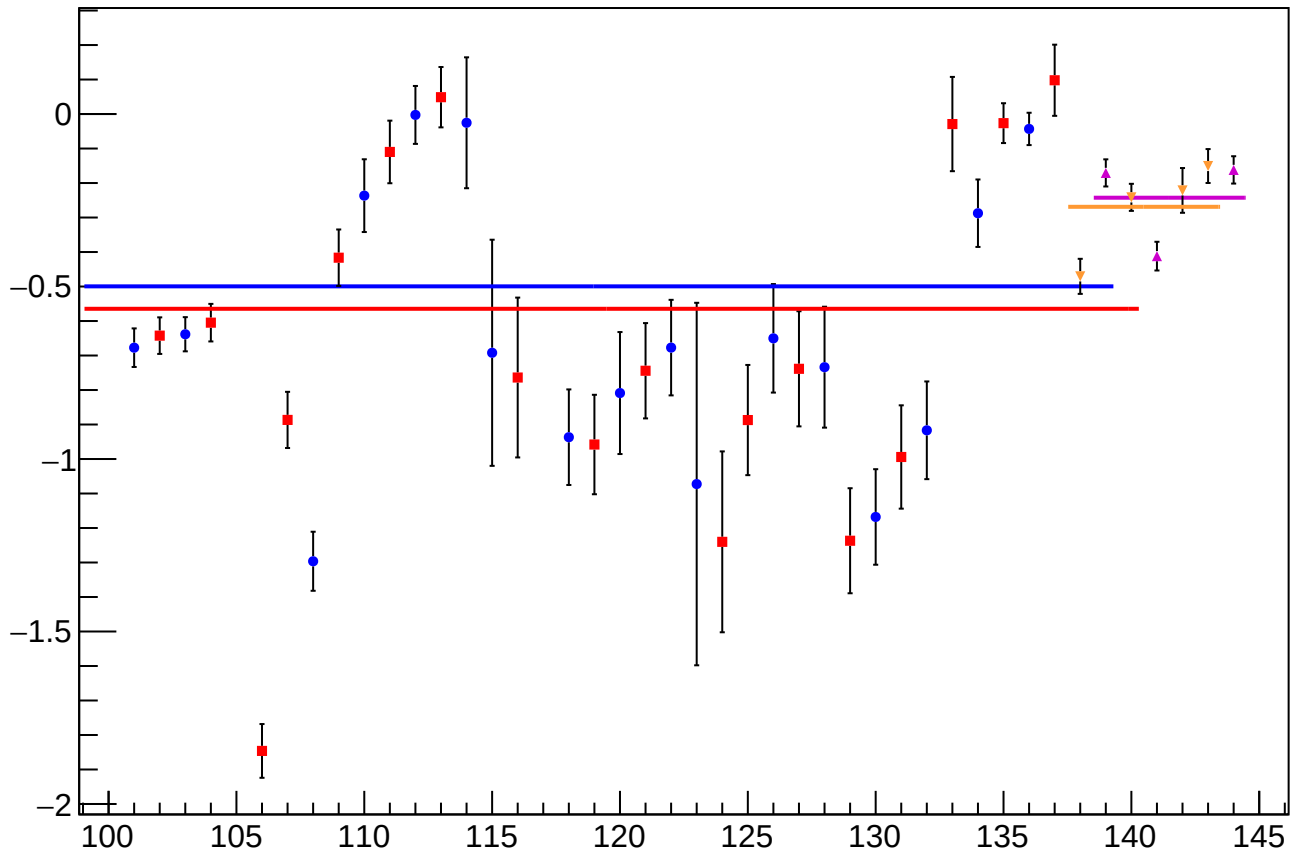
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.222 $\pm$ 0.331 χ^2 /NDF:4913.0/19

Out: 75.992 $\pm$ 0.331 χ^2 /NDF:6061.4/21

All: 75.106 $\pm$ 0.234 χ^2 /NDF: 10988.7/41

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: -0.269 ± 0.024 χ^2/NDF : 22.5/3

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: -0.255 ± 0.017 χ^2/NDF : 47.2/6

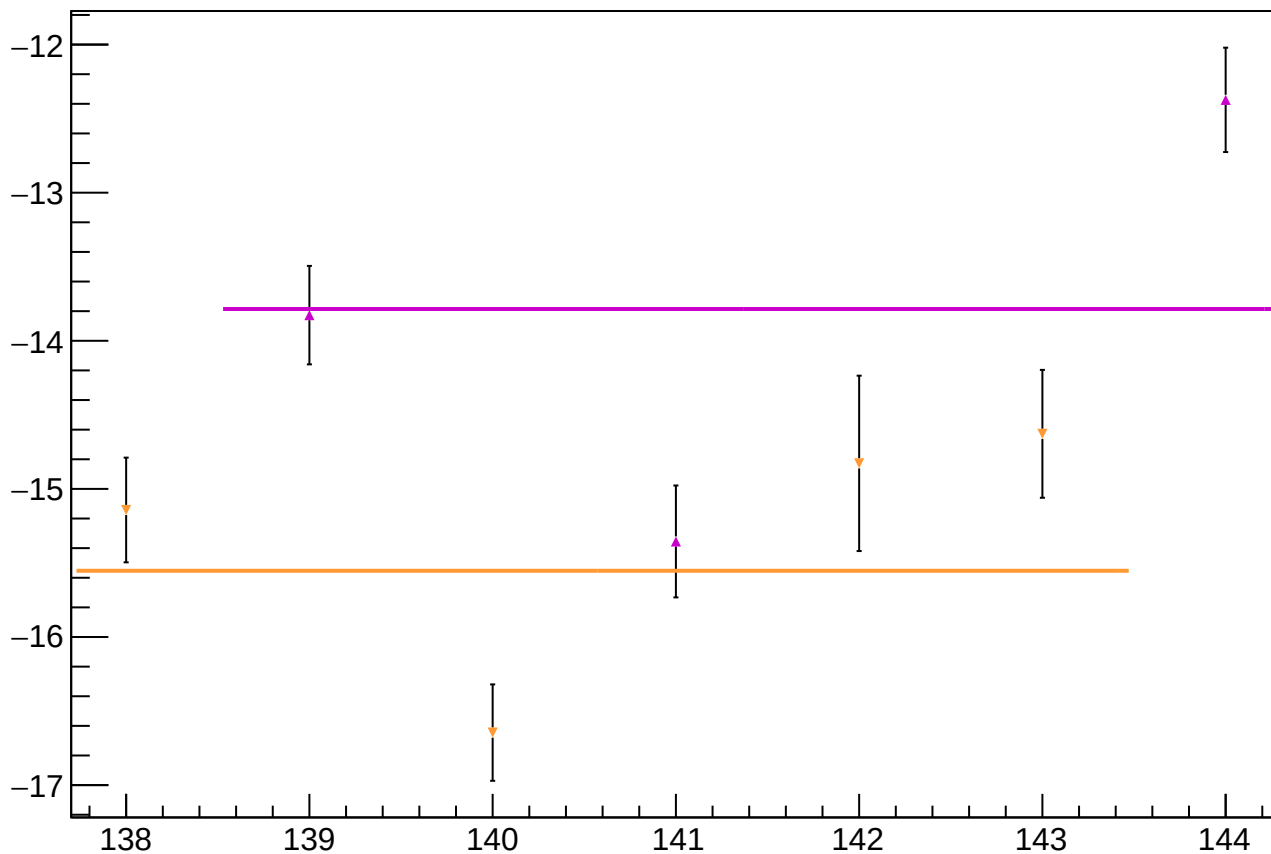
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.376 ± 0.016 χ^2/NDF : 390.5/19

Out: -0.435 ± 0.016 χ^2/NDF : 664.7/21

All: -0.405 ± 0.011 χ^2/NDF : 1061.8/41

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: -15.553+/-0.197 χ^2/NDF :18.7/3

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: -14.697+/-0.142 χ^2/NDF : 90.9/6

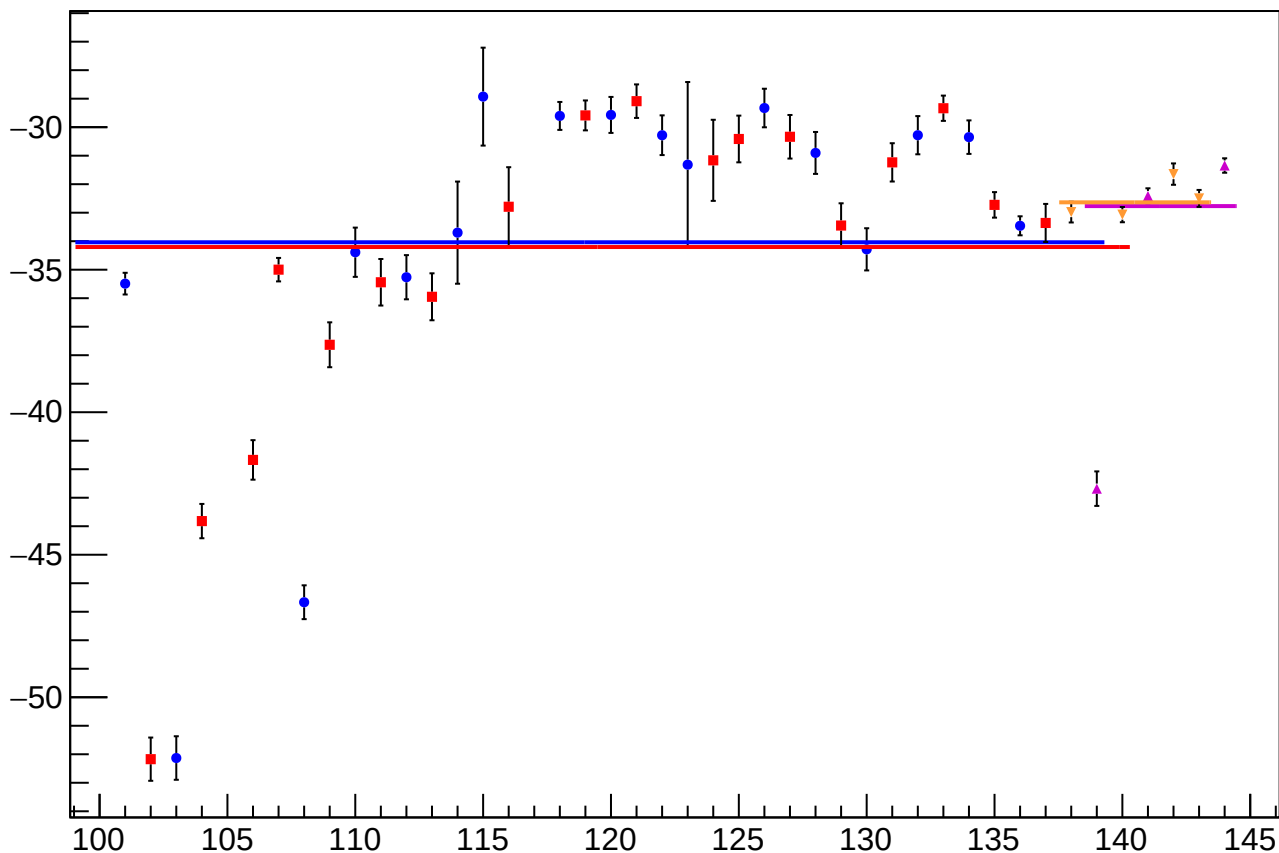
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.785+/-0.204 χ^2/NDF :33.3/2

Out: -15.553+/-0.197 χ^2/NDF :18.7/3

All: -14.697+/-0.142 χ^2/NDF : 90.9/6

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: -32.636 ± 0.158 χ^2/NDF : 10.7/3

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: -32.695 ± 0.118 χ^2/NDF : 312.4/6

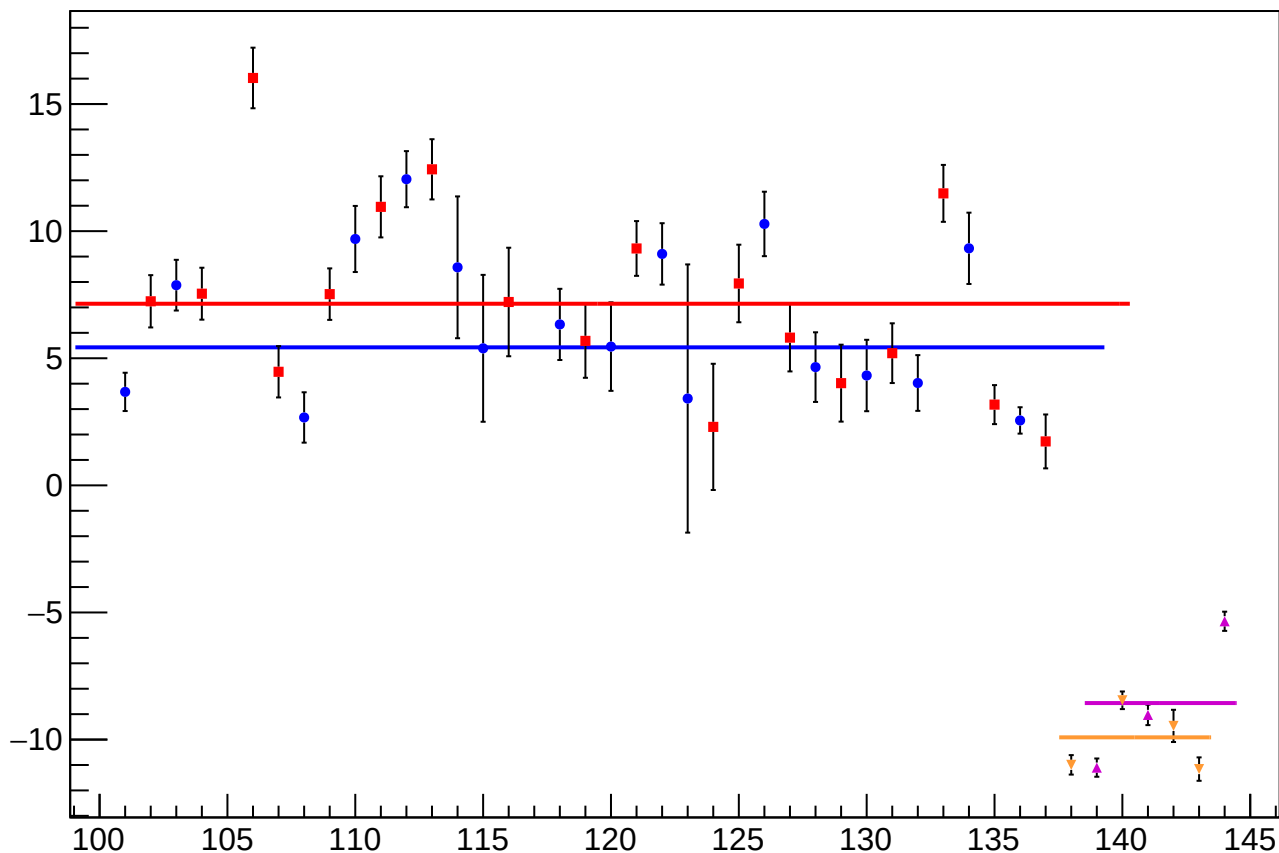
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -33.503 ± 0.115 χ^2/NDF : 1674.2/19

Out: -33.458 ± 0.109 χ^2/NDF : 1382.9/21

All: -33.479 ± 0.079 χ^2/NDF : 3057.1/41

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.913 ± 0.212 χ^2/NDF : 33.5/3

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -8.564 ± 0.218 χ^2/NDF : 123.9/2

Left: -9.260 ± 0.152 χ^2/NDF : 177.1/6

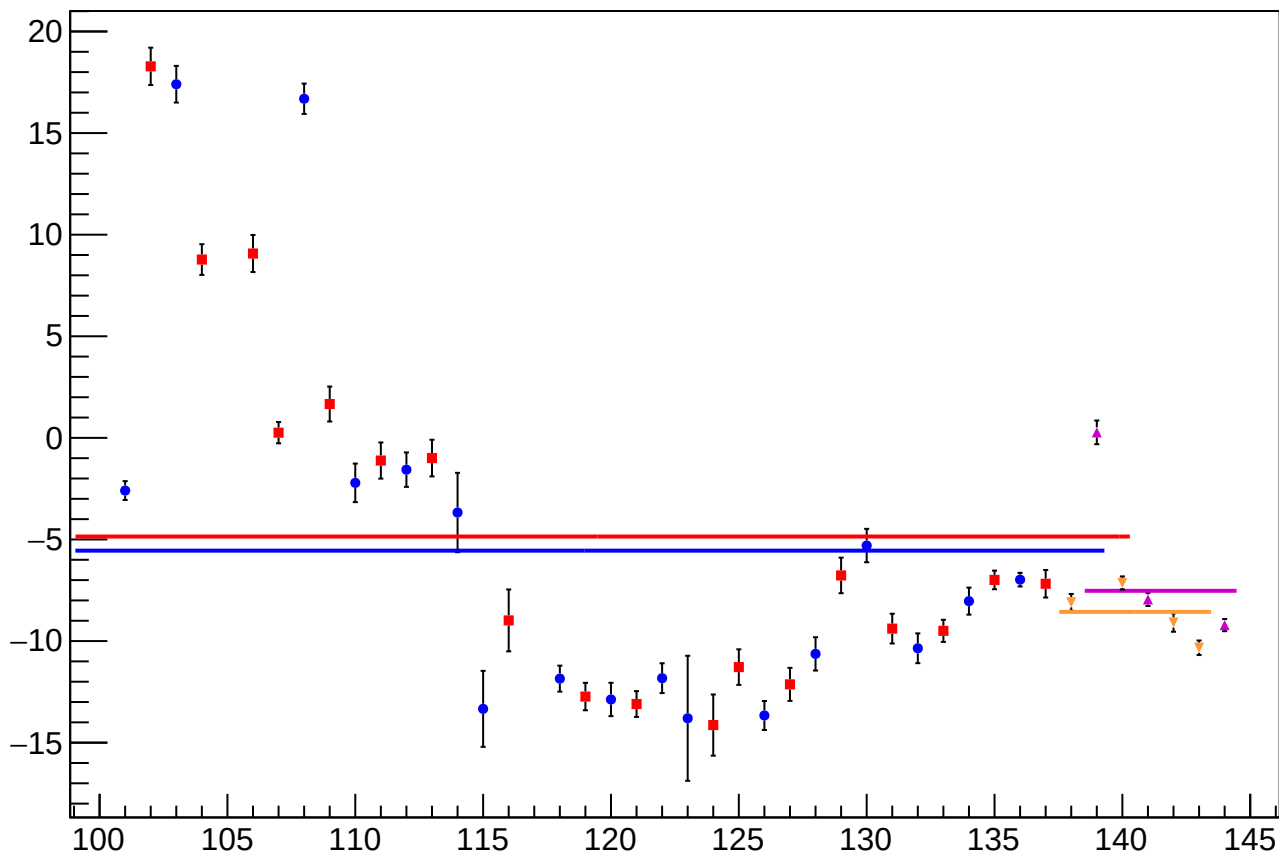
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -3.025 ± 0.170 χ^2/NDF : 1880.5/19

Out: -3.567 ± 0.168 χ^2/NDF : 2628.5/21

All: -3.299 ± 0.119 χ^2/NDF : 4514.1/41

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: -8.564 ± 0.188 $\chi^2/\text{NDF}: 46.6/3$

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: -8.090 ± 0.139 $\chi^2/\text{NDF}: 272.6/6$

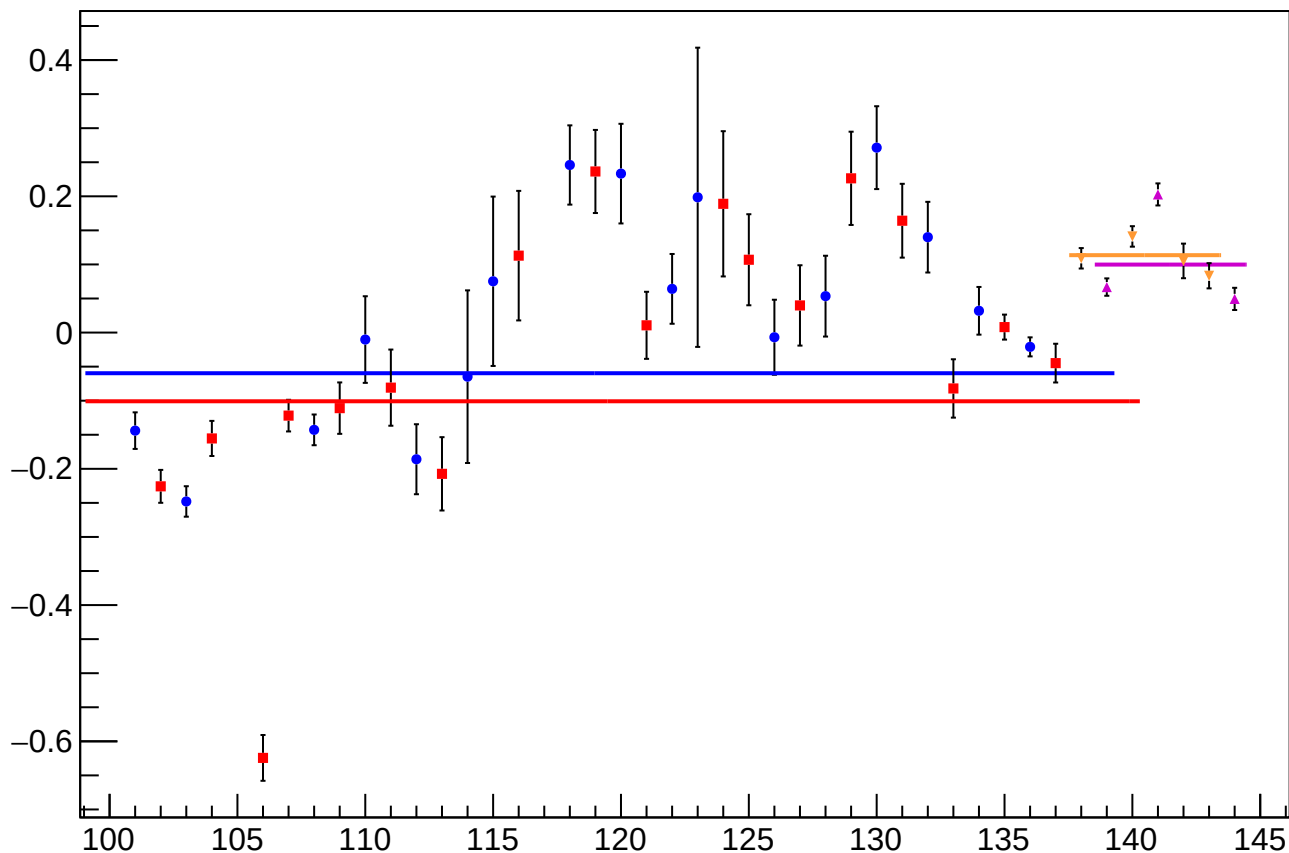
Right: -5.208 ± 0.121 $\chi^2/\text{NDF}: 4147.9/34$

In: -6.352 ± 0.131 $\chi^2/\text{NDF}: 2393.6/19$

Out: -6.550 ± 0.127 $\chi^2/\text{NDF}: 2270.2/21$

All: -6.454 ± 0.091 $\chi^2/\text{NDF}: 4665.0/41$

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: 0.114 ± 0.009 χ^2/NDF : 6.2/3

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: 0.107 ± 0.006 χ^2/NDF : 64.2/6

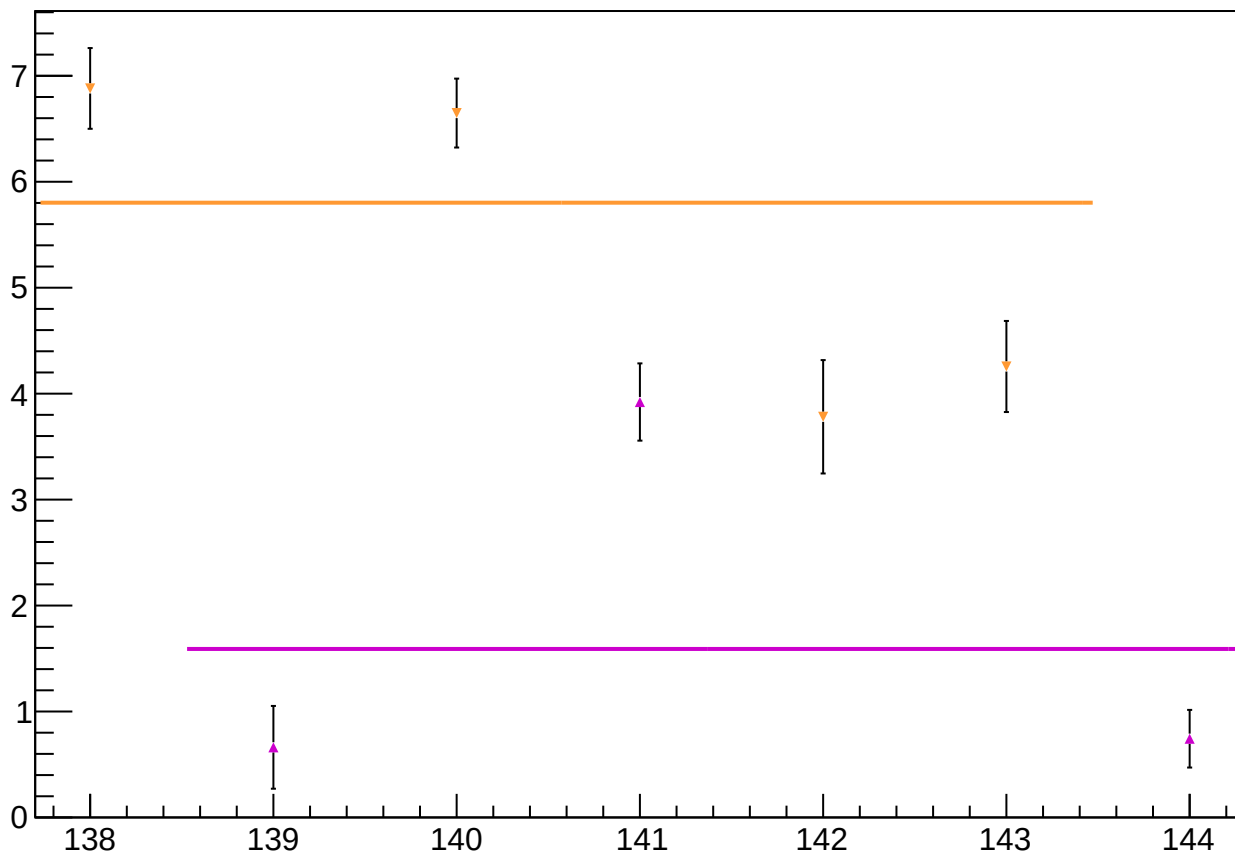
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.019 ± 0.006 χ^2/NDF : 450.7/19

Out: 0.004 ± 0.006 χ^2/NDF : 749.1/21

All: 0.011 ± 0.004 χ^2/NDF : 1202.9/41

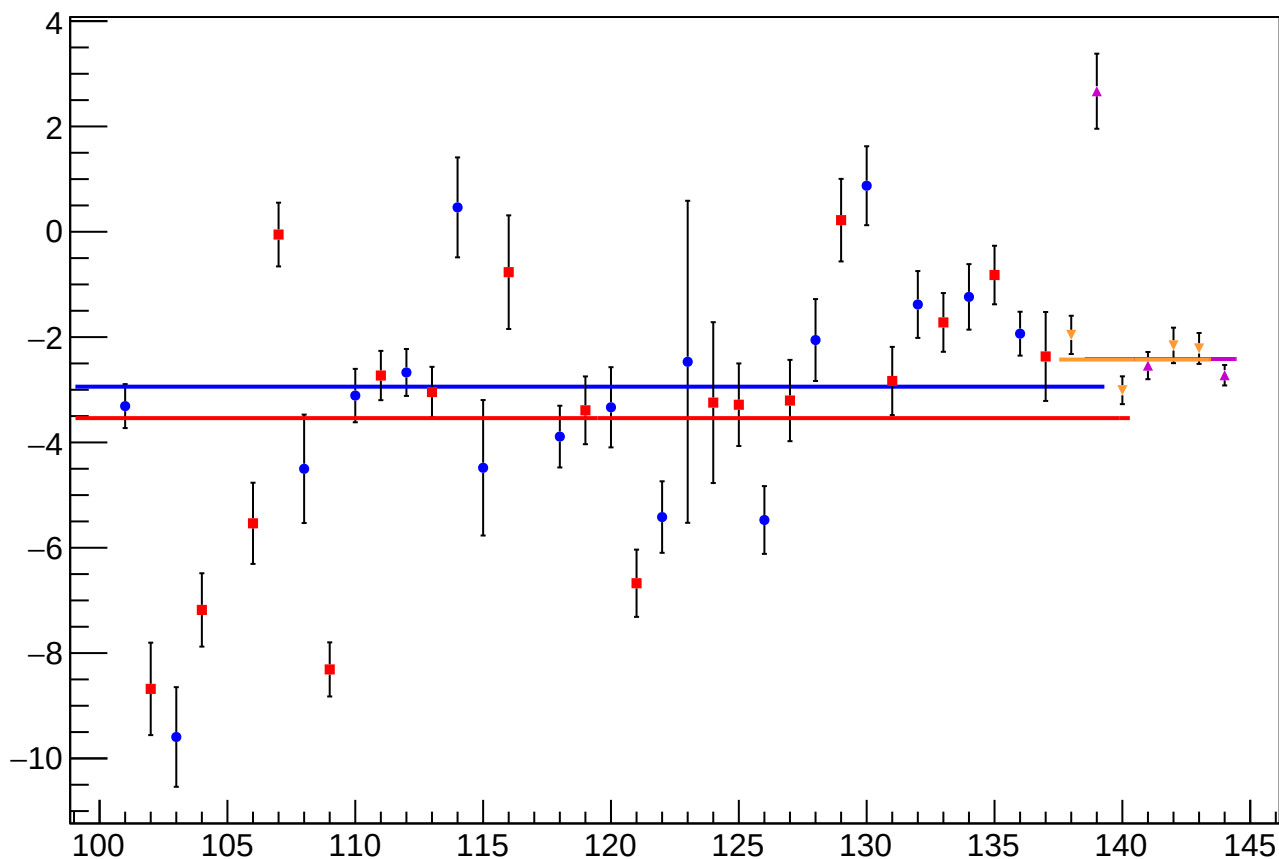
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.802+/-0.199 χ^2/NDF :42.0/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.590+/-0.190 χ^2/NDF :56.2/2

Left: 3.603+/-0.138 χ^2/NDF : 332.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.590+/-0.190 χ^2/NDF :56.2/2
 Out: 5.802+/-0.199 χ^2/NDF :42.0/3
 All: 3.603+/-0.138 χ^2/NDF : 332.0/6

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: -2.426 ± 0.154 χ^2/NDF : 7.7/3

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: -2.421 ± 0.108 χ^2/NDF : 61.3/6

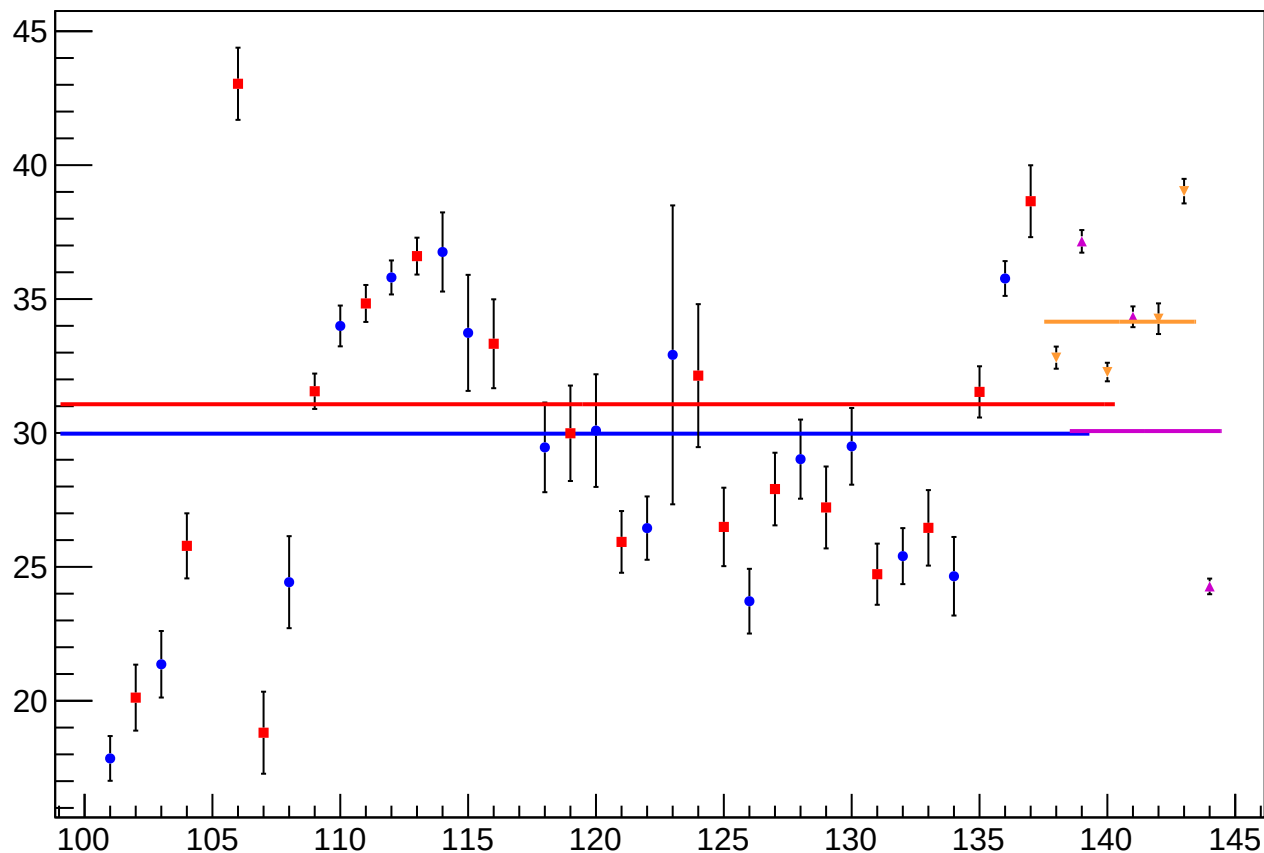
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.674 ± 0.108 χ^2/NDF : 205.1/19

Out: -2.979 ± 0.109 χ^2/NDF : 317.2/21

All: -2.826 ± 0.077 χ^2/NDF : 526.3/41

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: 34.154 ± 0.213 $\chi^2/\text{NDF}: 153.1/3$

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: 32.024 ± 0.147 $\chi^2/\text{NDF}: 1142.5/6$

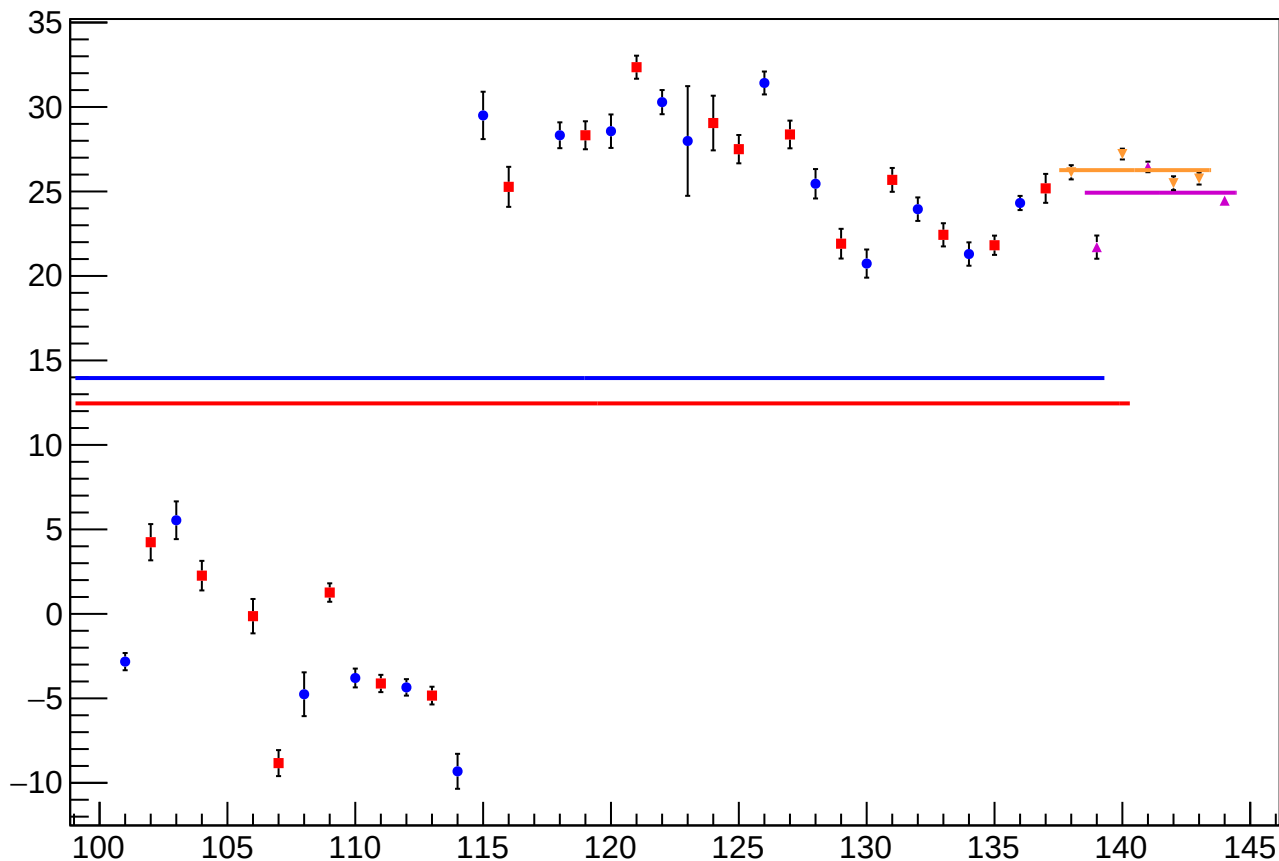
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 30.035 ± 0.162 $\chi^2/\text{NDF}: 1351.8/19$

Out: 32.918 ± 0.165 $\chi^2/\text{NDF}: 690.4/21$

All: 31.452 ± 0.116 $\chi^2/\text{NDF}: 2197.5/41$

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: 26.262 $\pm$ 0.184 χ^2 /NDF:14.5/3

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: 25.574 $\pm$ 0.128 χ^2 /NDF: 91.6/6

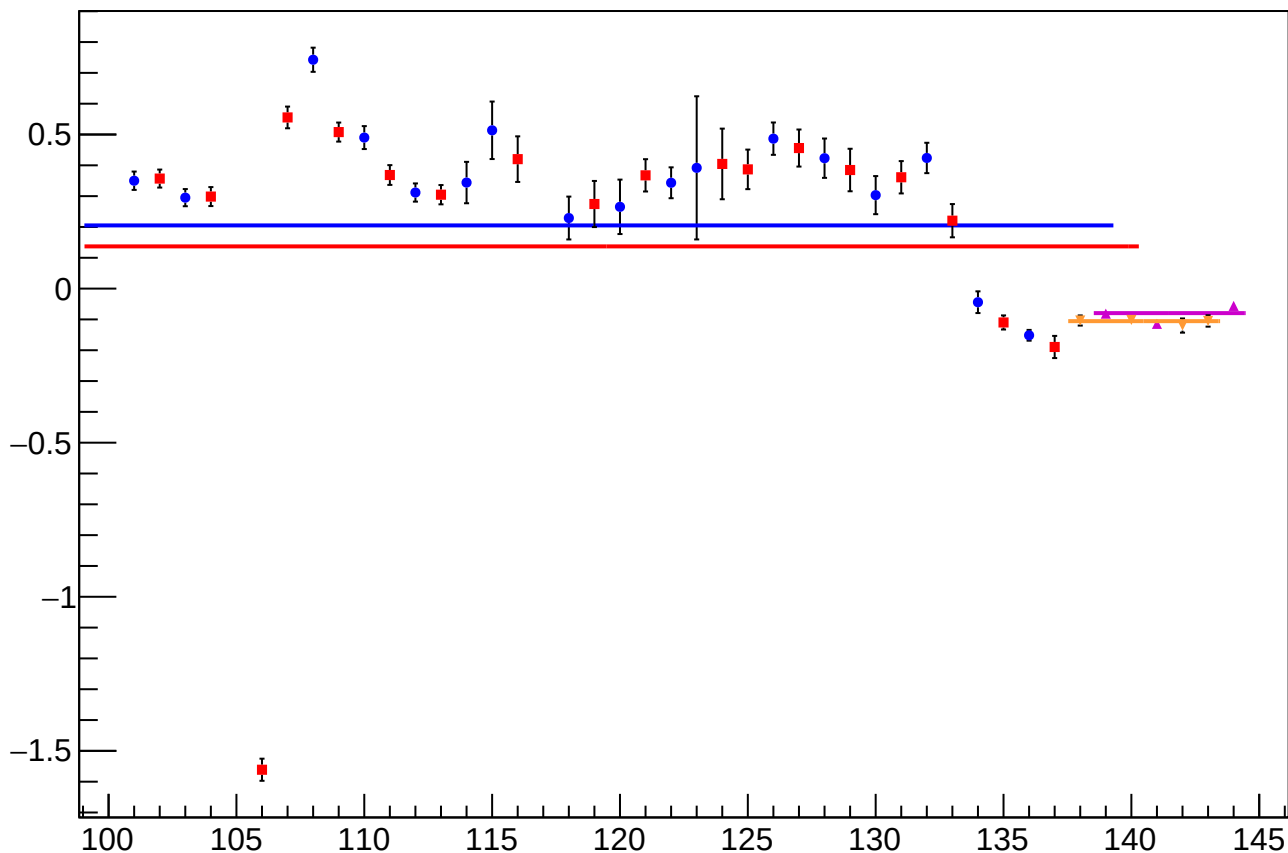
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.235 $\pm$ 0.124 χ^2 /NDF:9348.8/19

Out: 18.947 $\pm$ 0.126 χ^2 /NDF:9962.7/21

All: 19.094 $\pm$ 0.089 χ^2 /NDF: 19314.2/41

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF : 846.7/16

Left Out: -0.106+/-0.009 χ^2/NDF : 0.5/3

Right Out: 0.137+/-0.009 χ^2/NDF : 3007.9/17

Left In: -0.080+/-0.008 χ^2/NDF : 8.5/2

Left: -0.092+/-0.006 χ^2/NDF : 13.6/6

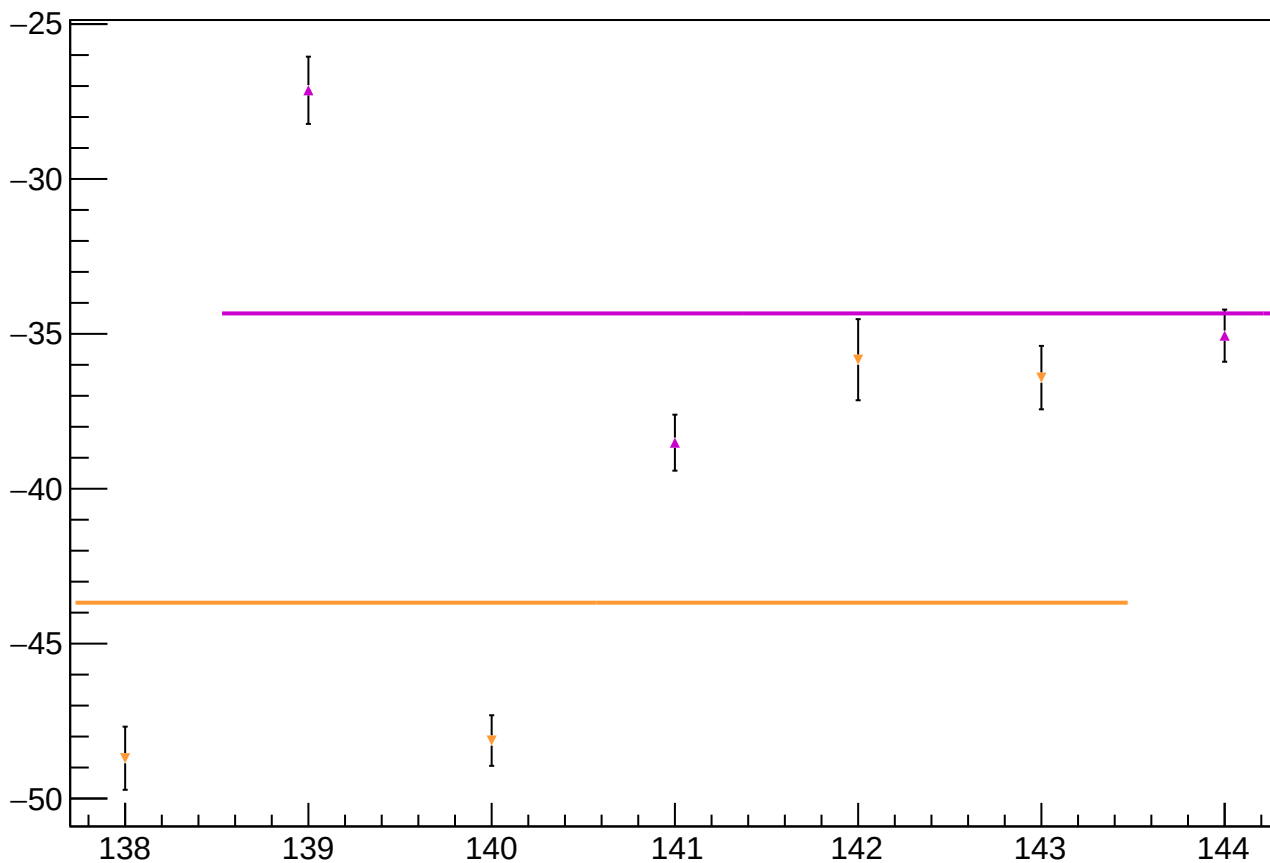
Right: 0.170+/-0.007 χ^2/NDF : 3881.4/34

In: 0.044+/-0.006 χ^2/NDF : 1377.6/19

Out: 0.010+/-0.006 χ^2/NDF : 3370.9/21

All: 0.027+/-0.004 χ^2/NDF : 4763.0/41

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: -43.679+/-0.500 χ^2/NDF :140.2/3

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: -39.330+/-0.366 χ^2/NDF : 368.7/6

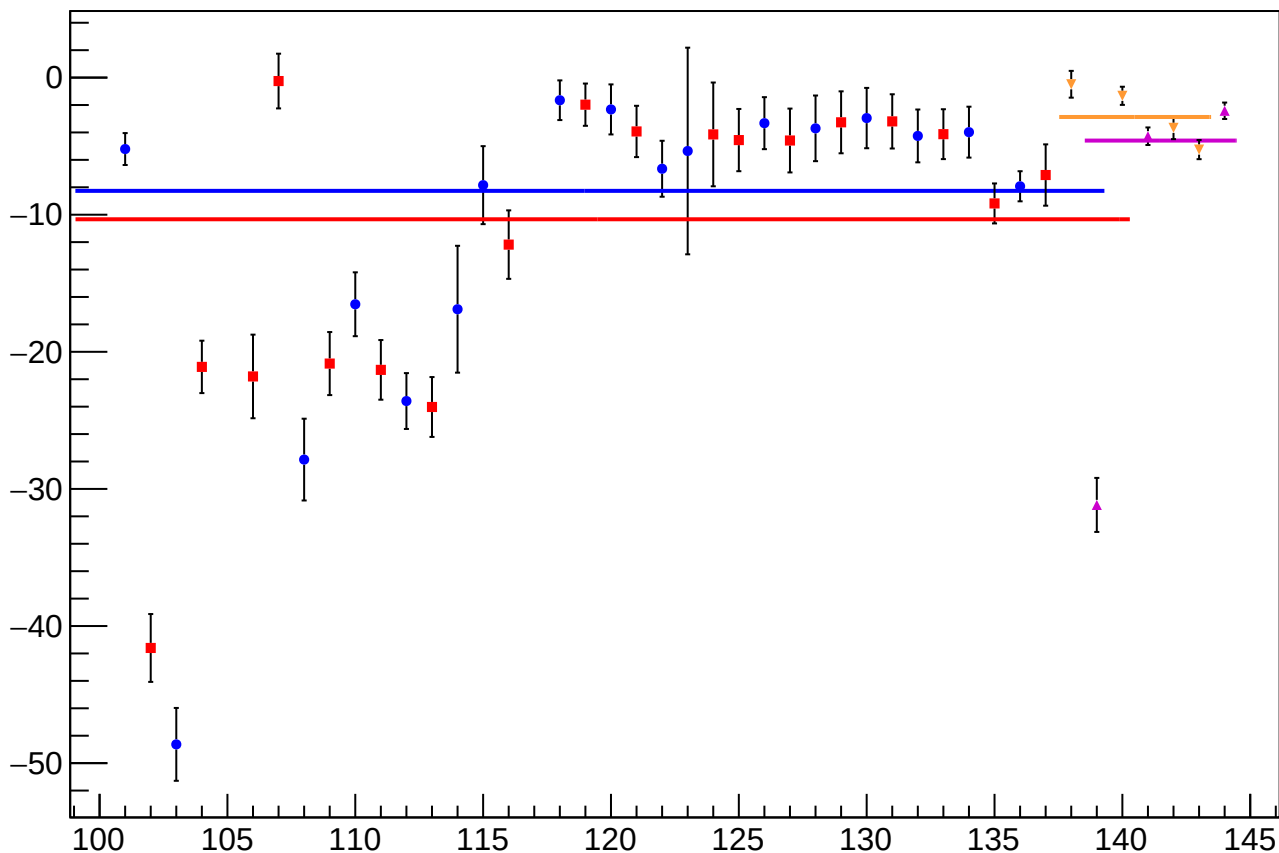
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.340+/-0.536 χ^2/NDF :66.1/2

Out: -43.679+/-0.500 χ^2/NDF :140.2/3

All: -39.330+/-0.366 χ^2/NDF : 368.7/6

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -2.873 ± 0.382 χ^2/NDF : 23.9/3

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -4.593 ± 0.427 χ^2/NDF : 195.3/2

Left: -3.638 ± 0.285 χ^2/NDF : 228.2/6

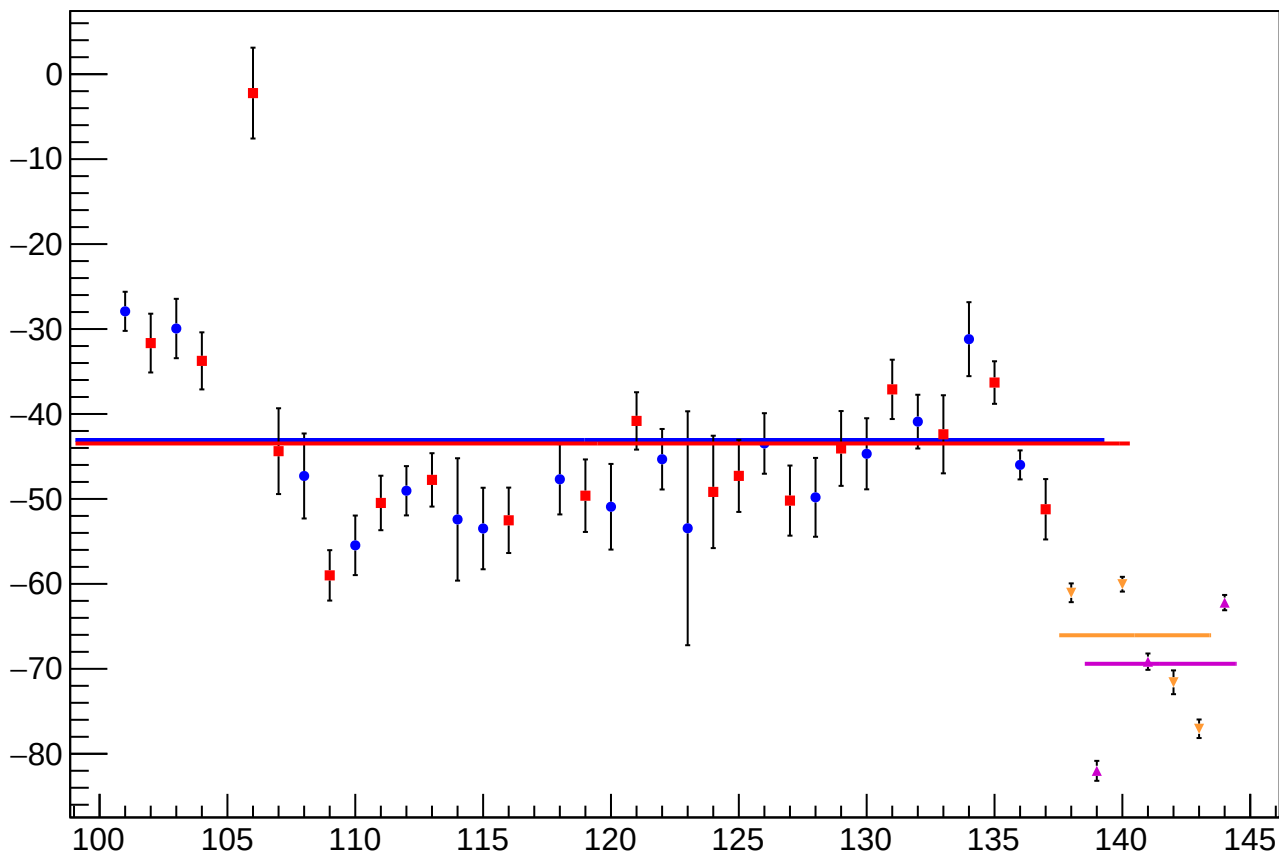
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -6.280 ± 0.314 χ^2/NDF : 641.2/19

Out: -5.686 ± 0.302 χ^2/NDF : 578.6/21

All: -5.971 ± 0.217 χ^2/NDF : 1221.6/41

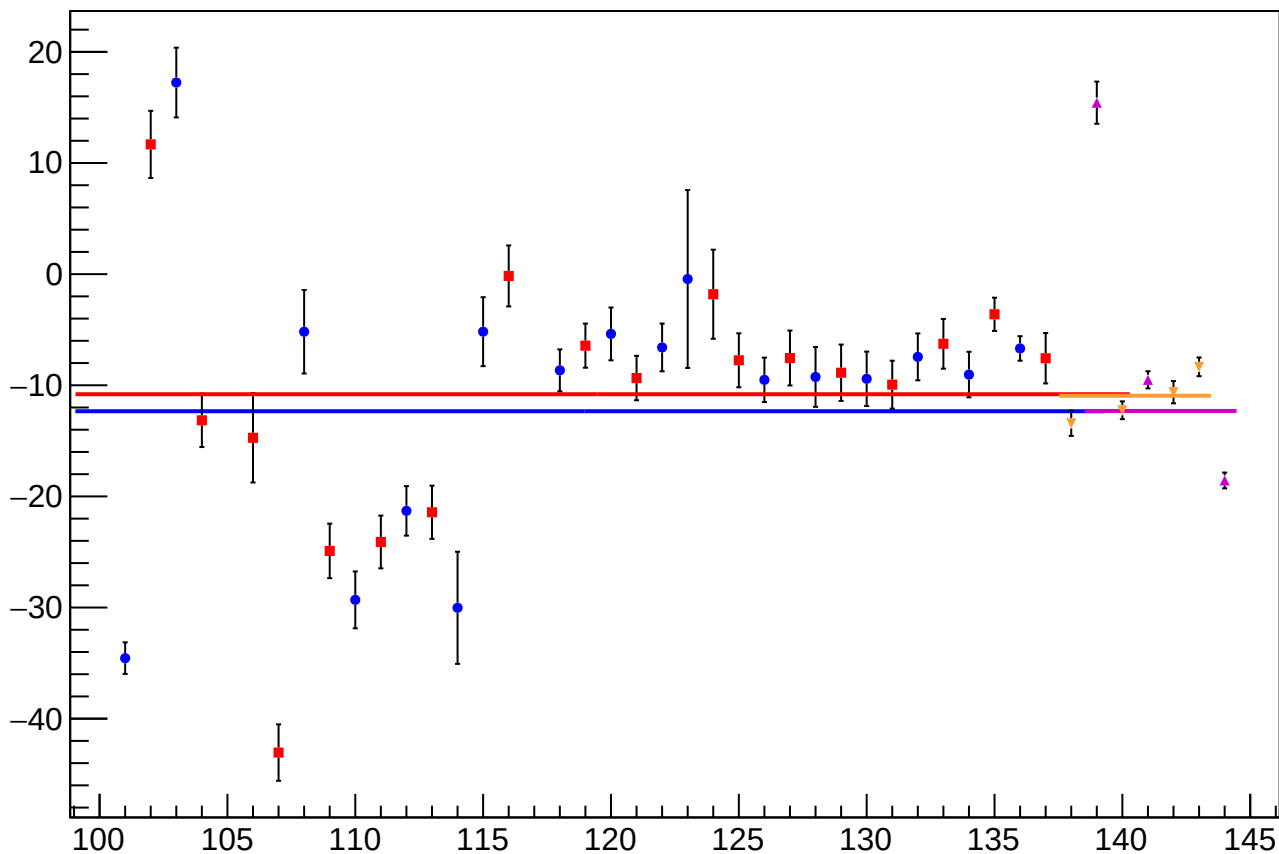
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -66.049 ± 0.535 $\chi^2/\text{NDF}: 185.5/3$
 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: -67.612 ± 0.391 $\chi^2/\text{NDF}: 383.2/6$
 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: -59.839 ± 0.456 $\chi^2/\text{NDF}: 817.4/21$
 All: -60.383 ± 0.328 $\chi^2/\text{NDF}: 1774.7/41$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -10.939 ± 0.459 $\chi^2/\text{NDF}: 17.1/3$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -12.310 ± 0.504 $\chi^2/\text{NDF}: 304.1/2$

Left: -11.560 ± 0.339 $\chi^2/\text{NDF}: 325.2/6$

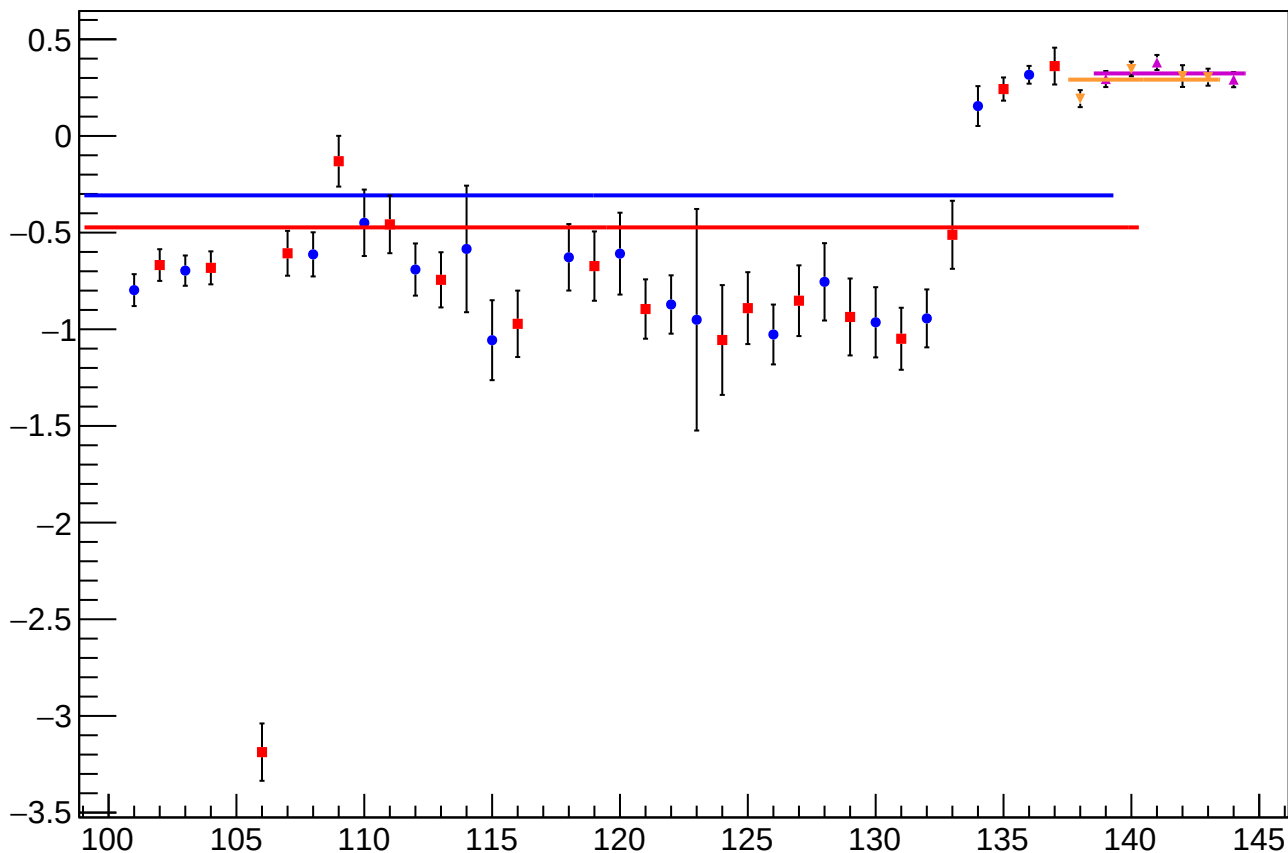
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -12.322 ± 0.362 $\chi^2/\text{NDF}: 779.3/19$

Out: -10.884 ± 0.353 $\chi^2/\text{NDF}: 378.5/21$

All: -11.586 ± 0.253 $\chi^2/\text{NDF}: 1165.9/41$

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: 0.291 ± 0.022 χ^2/NDF : 7.3/3

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: 0.307 ± 0.016 χ^2/NDF : 11.6/6

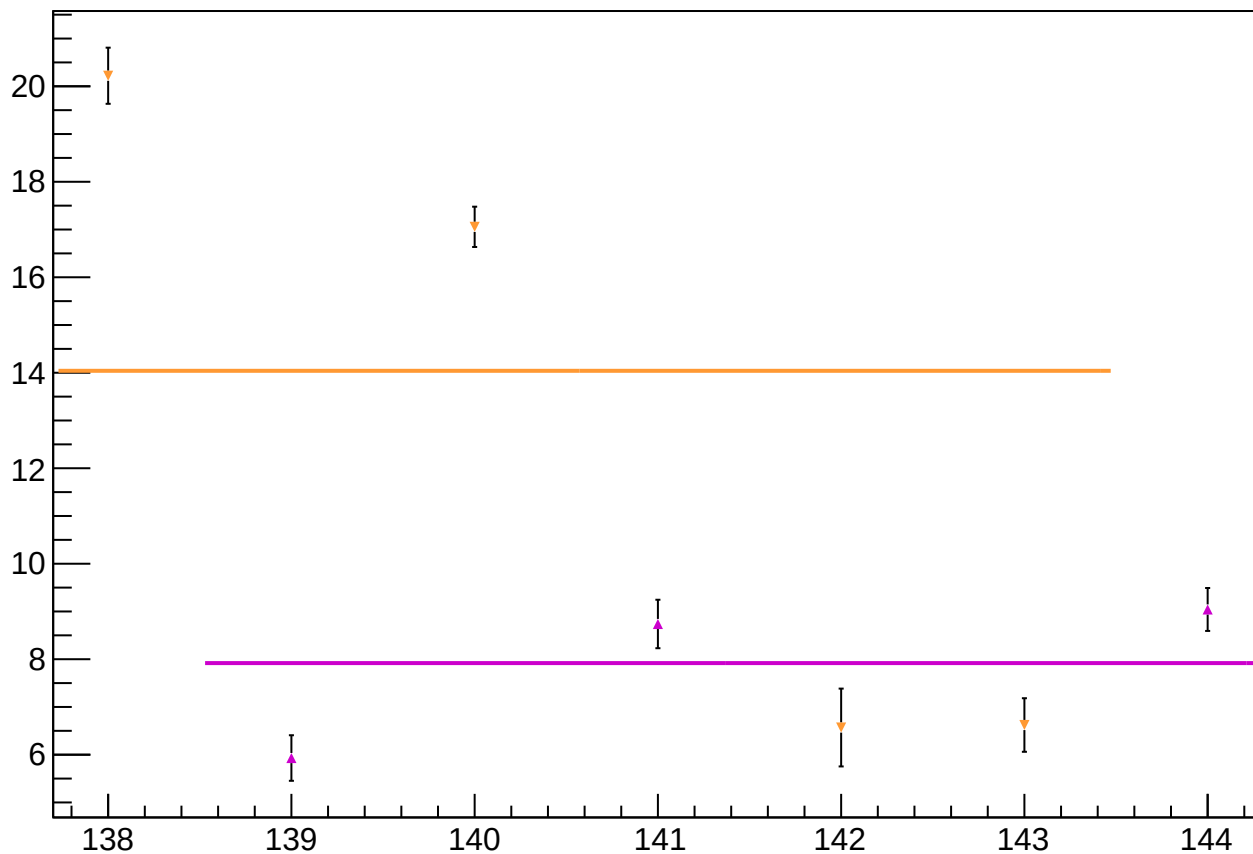
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.064 ± 0.018 χ^2/NDF : 684.6/19

Out: 0.005 ± 0.018 χ^2/NDF : 1080.2/21

All: 0.034 ± 0.012 χ^2/NDF : 1770.3/41

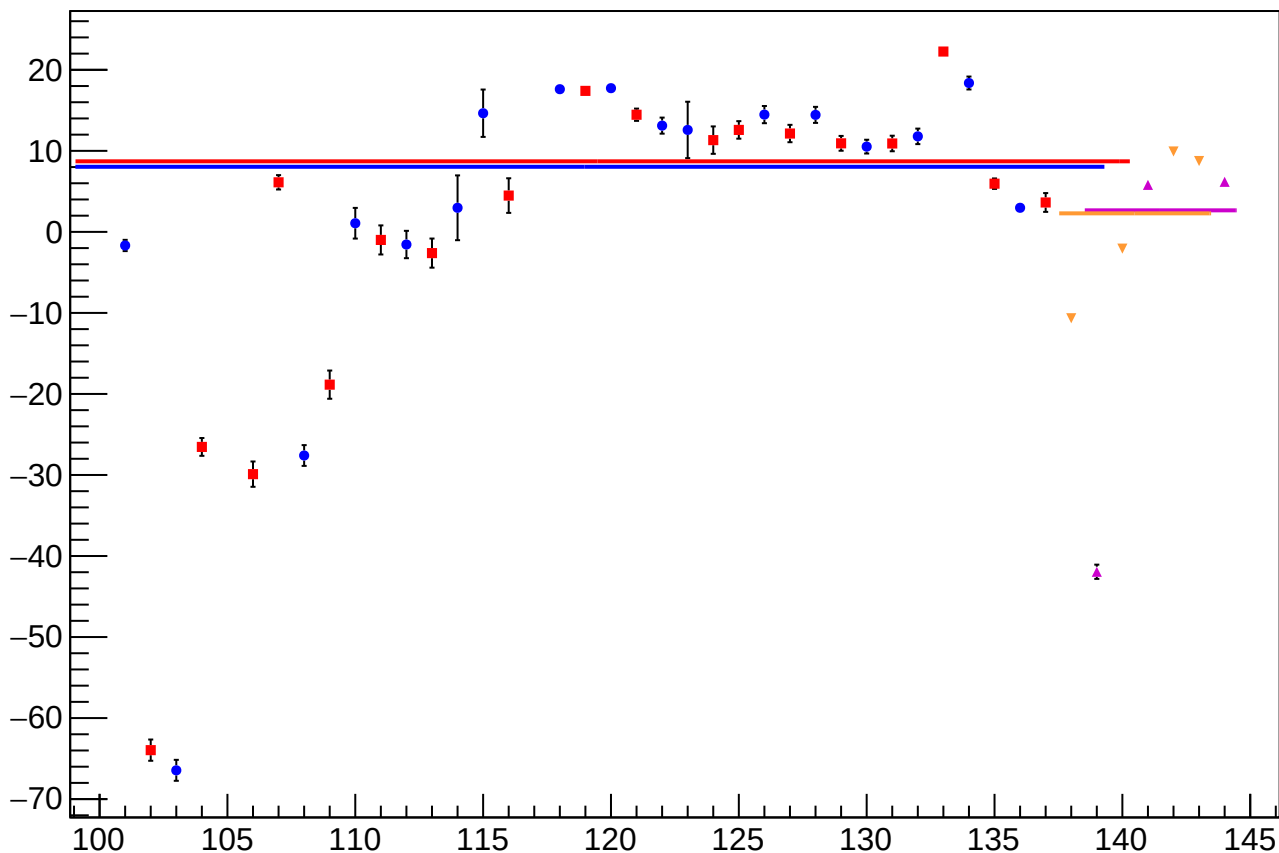
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.041+/-0.275 χ^2/NDF :420.5/3
 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: 10.976+/-0.195 χ^2/NDF : 694.2/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.919+/-0.275 χ^2/NDF :26.2/2
 Out: 14.041+/-0.275 χ^2/NDF :420.5/3
 All: 10.976+/-0.195 χ^2/NDF : 694.2/6

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: 2.287+/-0.216 χ^2/NDF : 1124.2/3

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: 2.459+/-0.158 χ^2/NDF : 3891.1/6

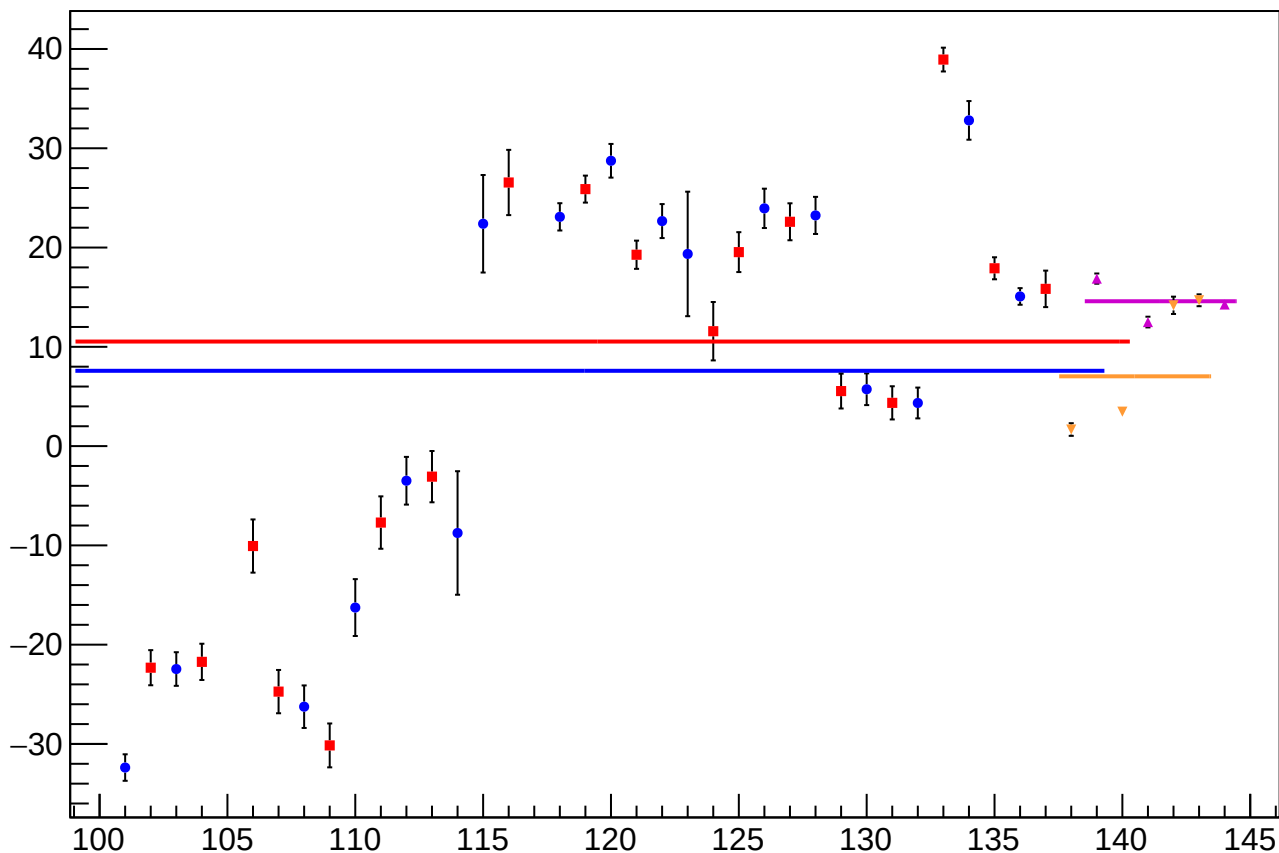
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 5.554+/-0.158 χ^2/NDF : 8423.4/19

Out: 5.538+/-0.152 χ^2/NDF : 7862.4/21

All: 5.546+/-0.109 χ^2/NDF : 16285.9/41

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 7.028 ± 0.295 χ^2/NDF : 364.5/3

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 14.591 ± 0.295 χ^2/NDF : 35.2/2

Left: 10.809 ± 0.208 χ^2/NDF : 728.9/6

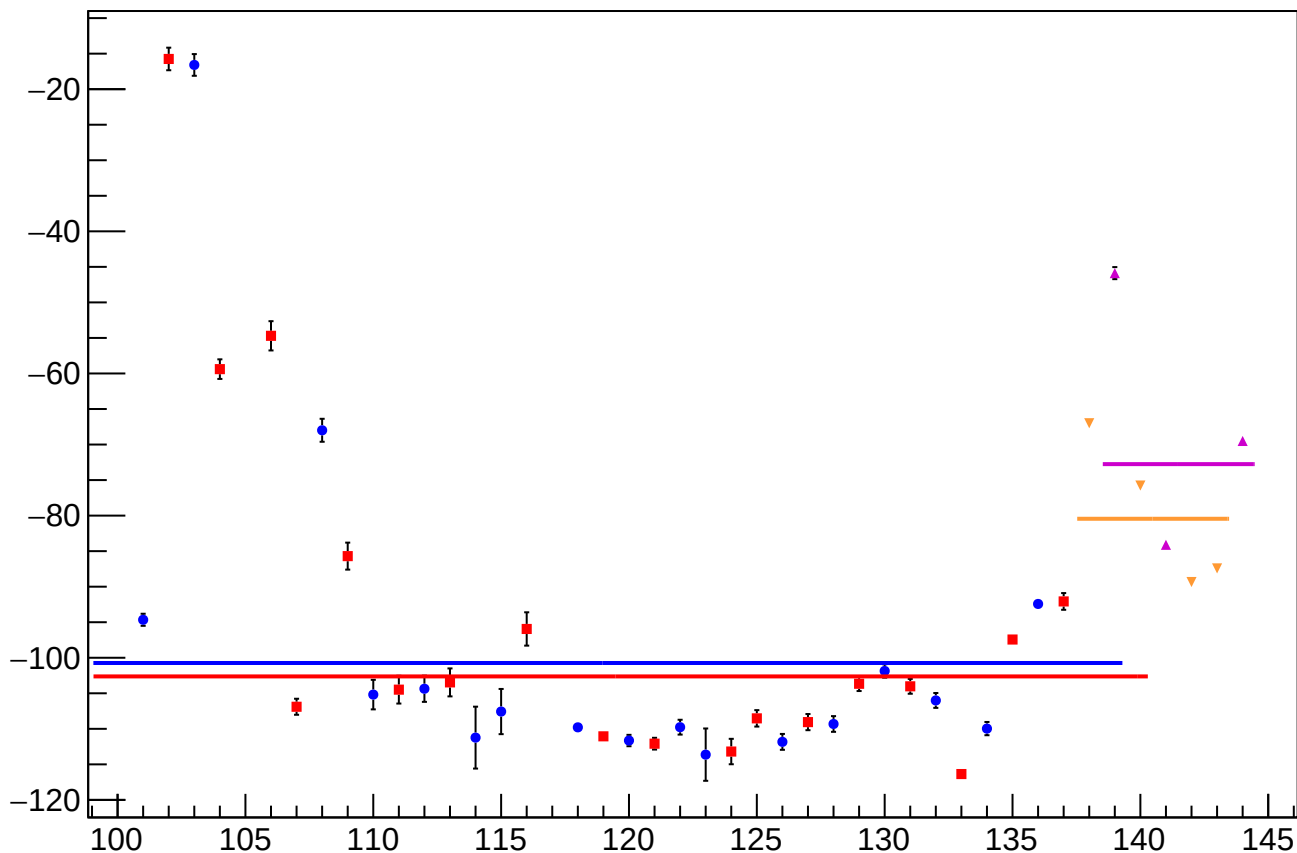
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 12.251 ± 0.241 χ^2/NDF : 2546.6/19

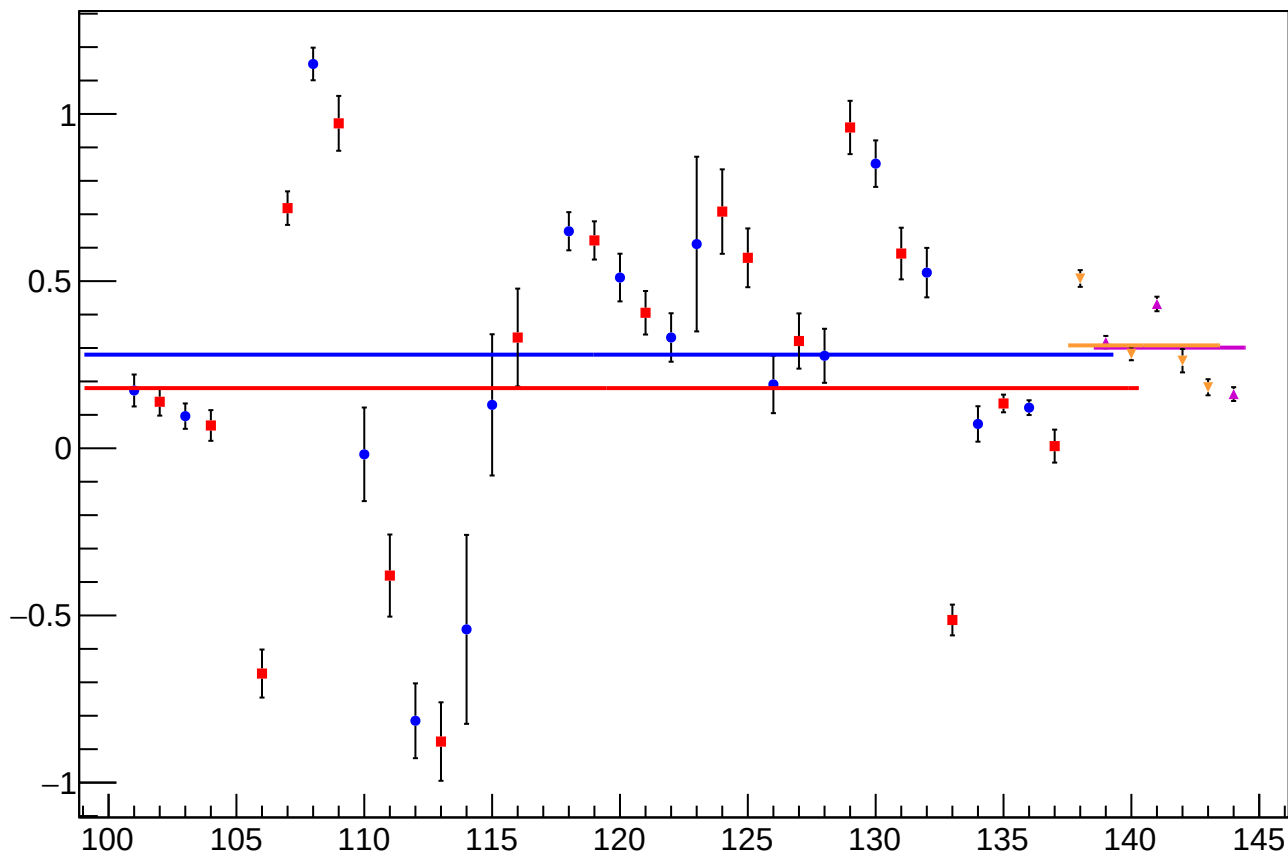
Out: 8.193 ± 0.241 χ^2/NDF : 2690.9/21

All: 10.224 ± 0.170 χ^2/NDF : 5379.7/41

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.308 ± 0.012 χ^2/NDF : 94.4/3

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: 0.304 ± 0.008 χ^2/NDF : 176.4/6

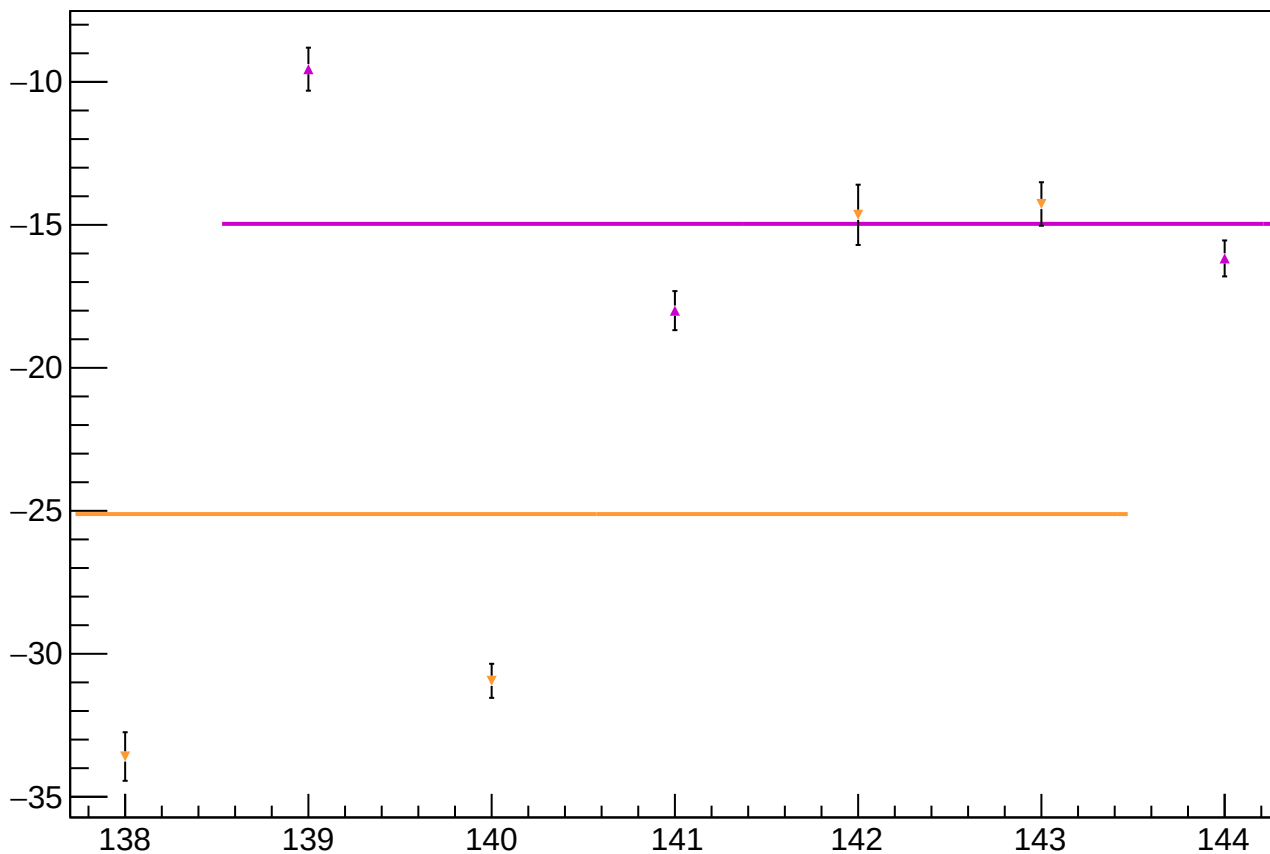
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.292 ± 0.009 χ^2/NDF : 739.6/19

Out: 0.251 ± 0.009 χ^2/NDF : 1081.1/21

All: 0.272 ± 0.006 χ^2/NDF : 1831.5/41

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: -25.114+/-0.383 χ^2/NDF : 497.2/3

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: -20.188+/-0.275 χ^2/NDF : 913.8/6

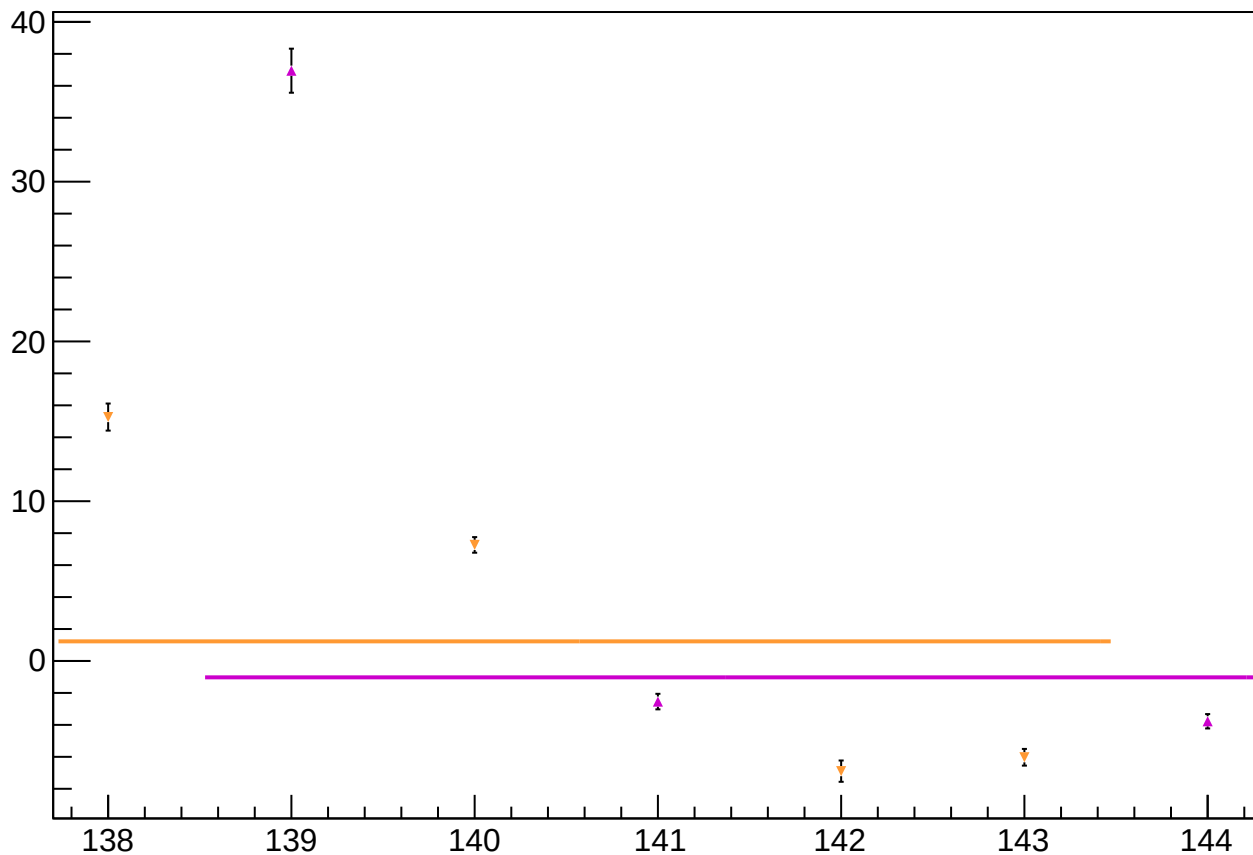
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.964+/-0.394 χ^2/NDF : 75.2/2

Out: -25.114+/-0.383 χ^2/NDF : 497.2/3

All: -20.188+/-0.275 χ^2/NDF : 913.8/6

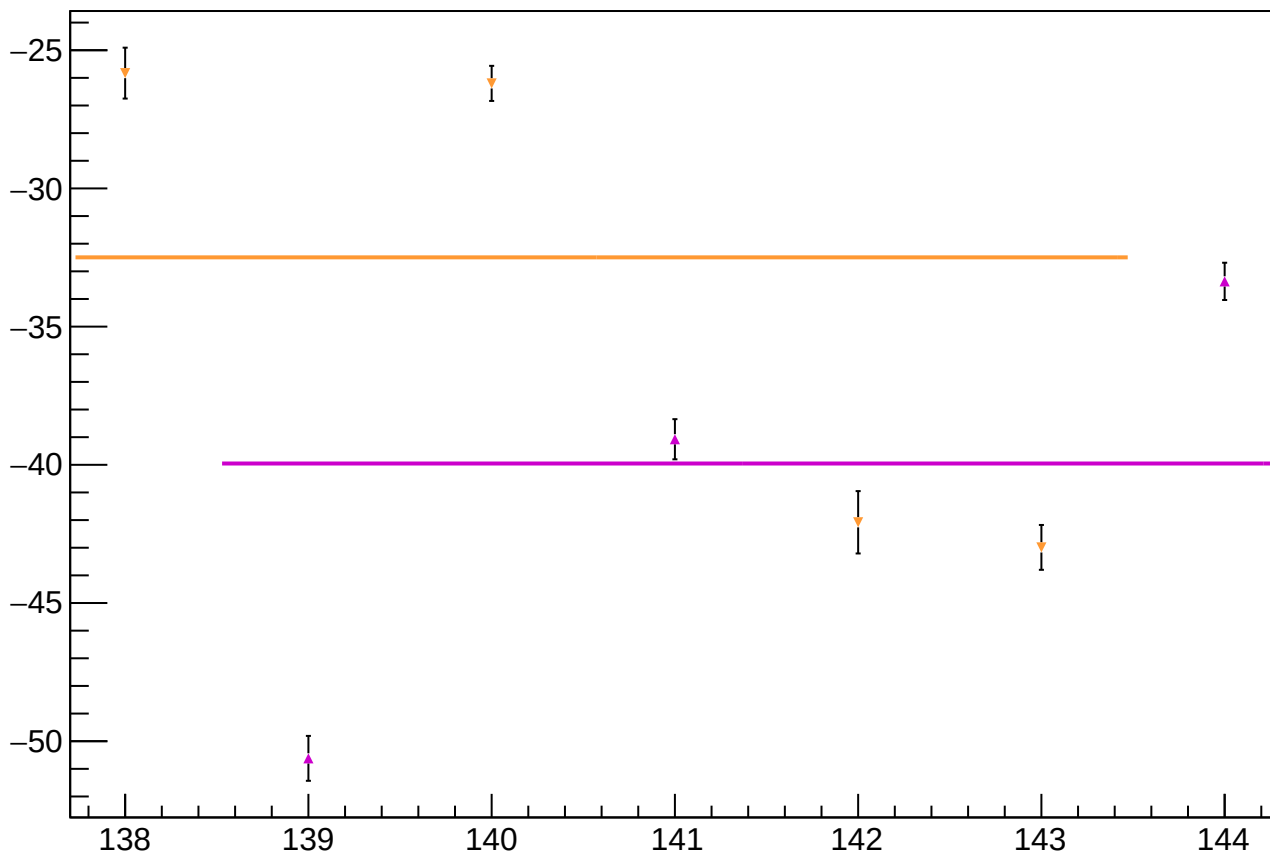
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.228+/-0.295 χ^2/NDF : 768.4/3
 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: 0.198+/-0.217 χ^2/NDF : 1600.1/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.025+/-0.321 χ^2/NDF : 805.1/2
 Out: 1.228+/-0.295 χ^2/NDF : 768.4/3
 All: 0.198+/-0.217 χ^2/NDF : 1600.1/6

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: -32.494+/-0.409 χ^2/NDF :390.2/3

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: -36.110+/-0.294 χ^2/NDF : 820.6/6

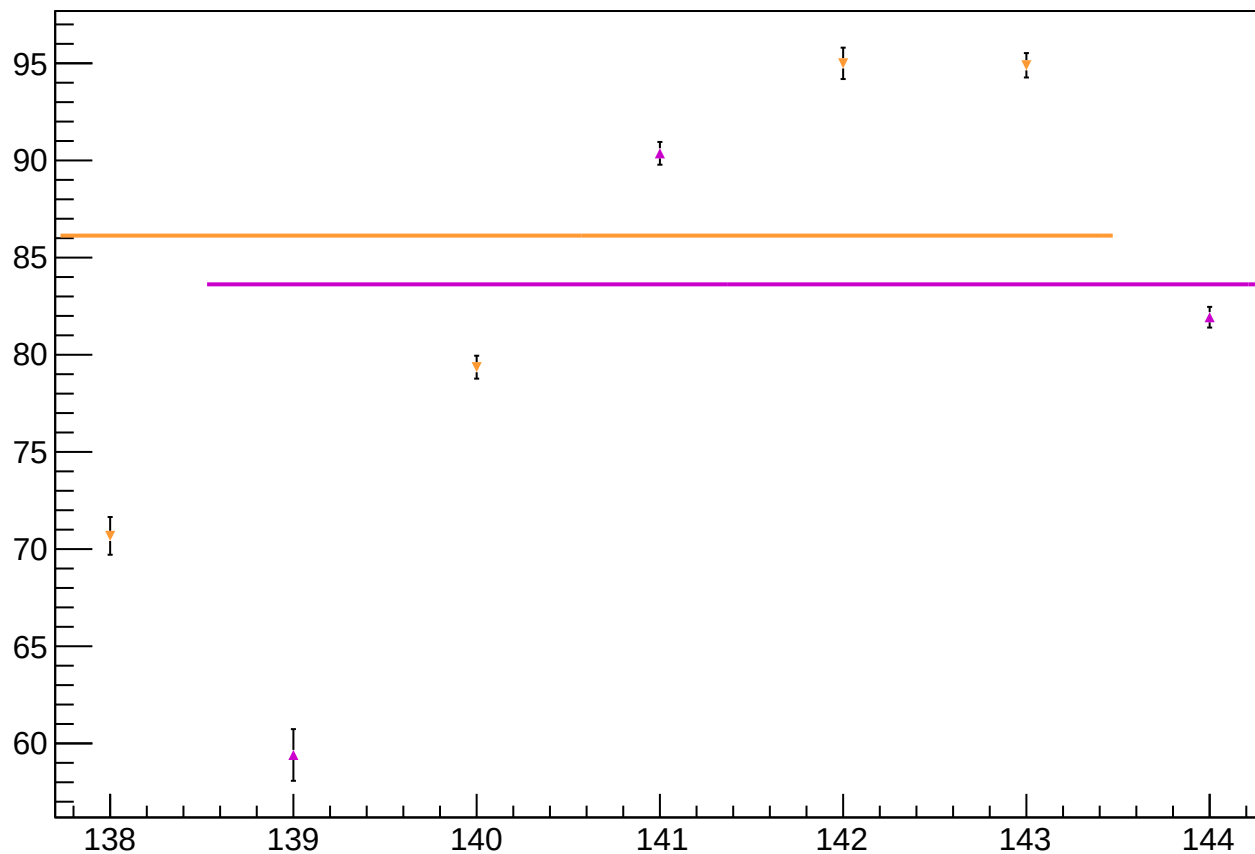
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.953+/-0.422 χ^2/NDF :269.6/2

Out: -32.494+/-0.409 χ^2/NDF :390.2/3

All: -36.110+/-0.294 χ^2/NDF : 820.6/6

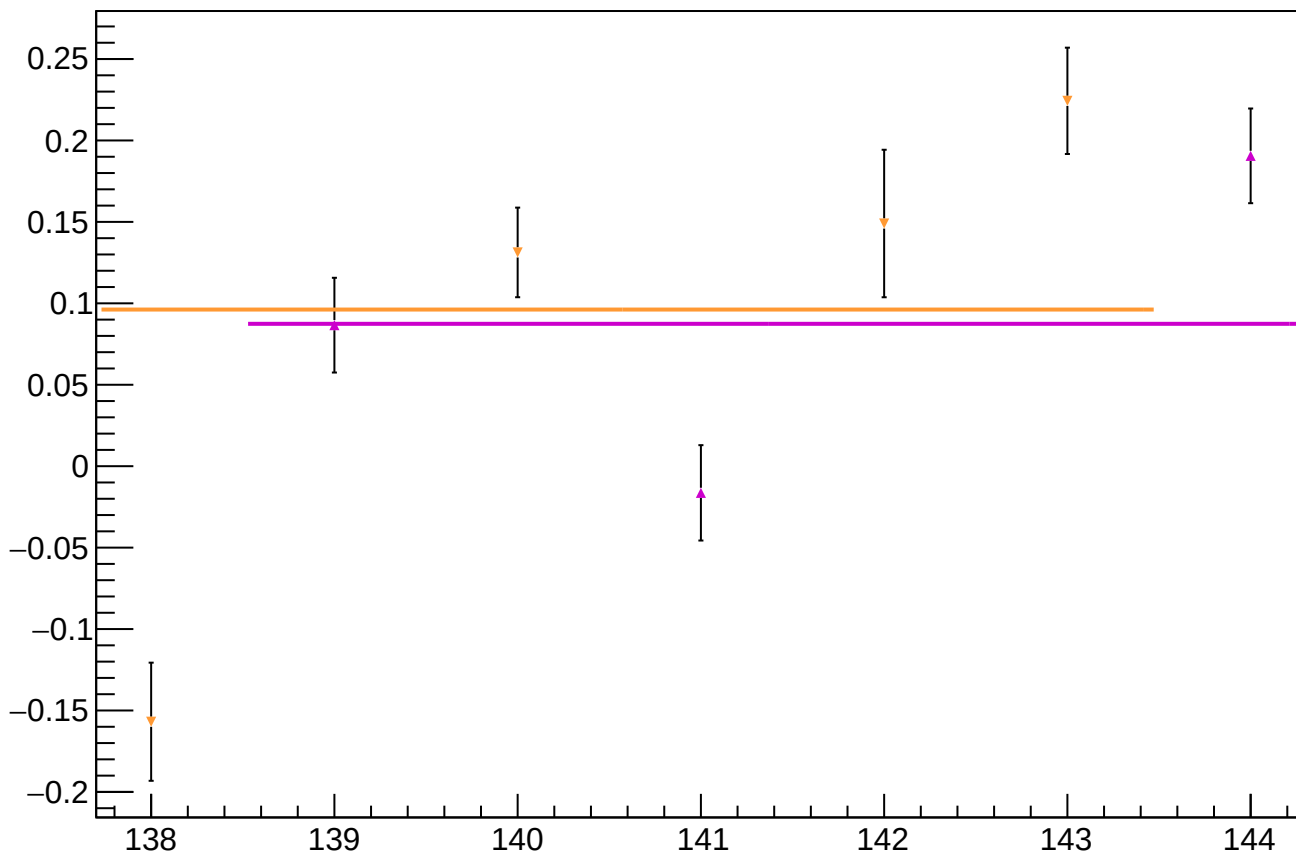
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 86.132+/-0.353 χ^2/NDF : 700.8/3
 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: 84.962+/-0.258 χ^2/NDF : 1198.7/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.624+/-0.378 χ^2/NDF : 474.4/2
 Out: 86.132+/-0.353 χ^2/NDF : 700.8/3
 All: 84.962+/-0.258 χ^2/NDF : 1198.7/6

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.096 $\pm$ 0.017 χ^2 /NDF:67.1/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.087 $\pm$ 0.017 χ^2 /NDF:25.2/2

Left: 0.092 $\pm$ 0.012 χ^2 /NDF: 92.4/6

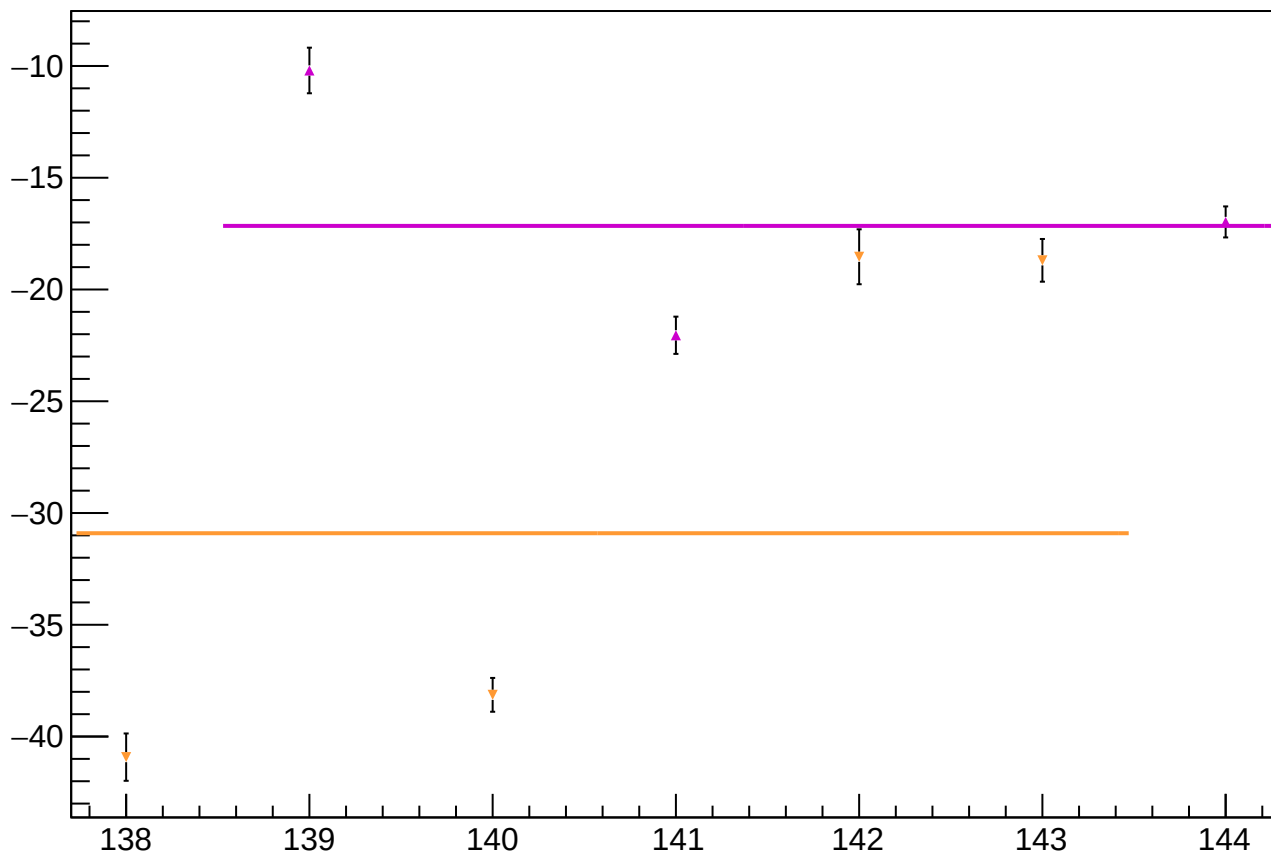
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.087 $\pm$ 0.017 χ^2 /NDF:25.2/2

Out: 0.096 $\pm$ 0.017 χ^2 /NDF:67.1/3

All: 0.092 $\pm$ 0.012 χ^2 /NDF: 92.4/6

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: -30.904+/-0.477 χ^2/NDF : 445.3/3

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: -23.965+/-0.336 χ^2/NDF : 945.8/6

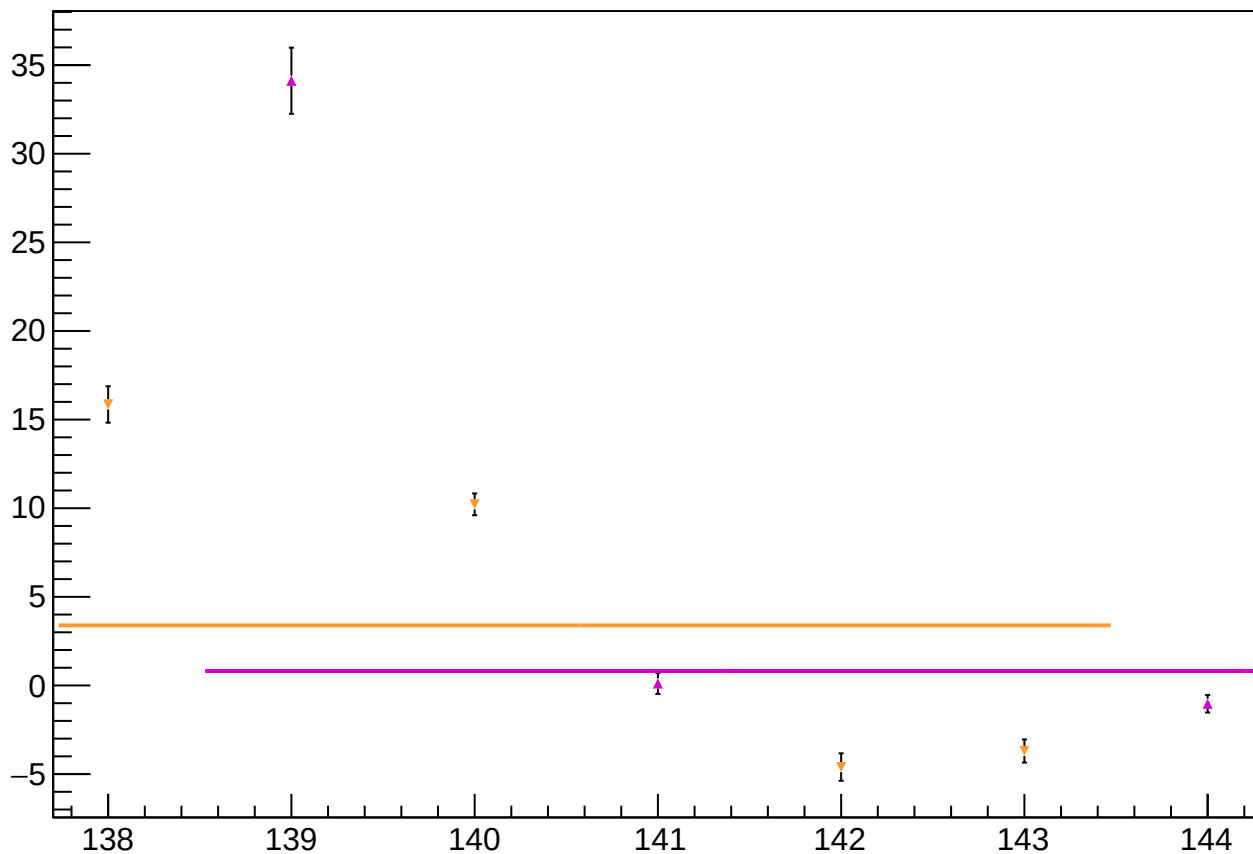
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.154+/-0.473 χ^2/NDF : 81.0/2

Out: -30.904+/-0.477 χ^2/NDF : 445.3/3

All: -23.965+/-0.336 χ^2/NDF : 945.8/6

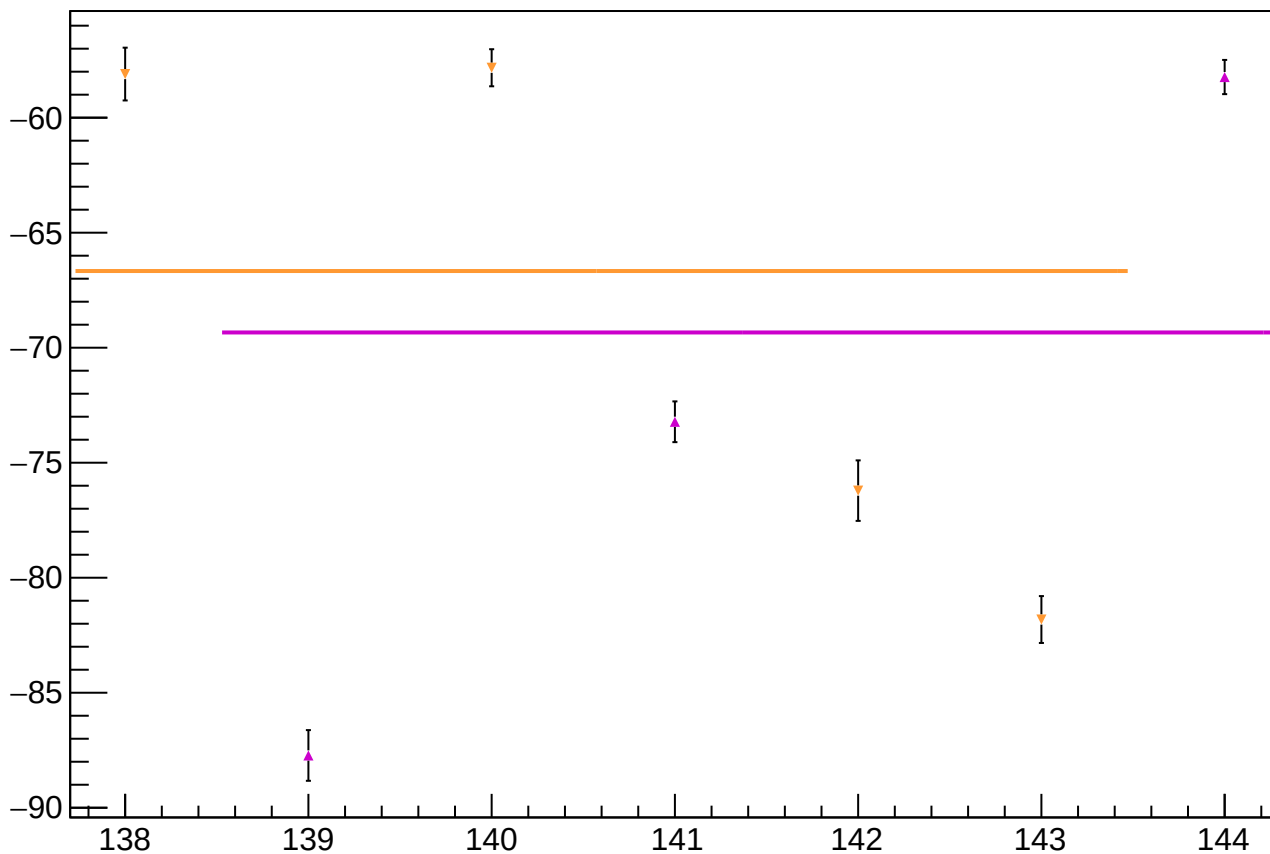
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.389+/-0.363 χ^2/NDF :494.8/3
 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: 2.135+/-0.260 χ^2/NDF : 853.6/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.817+/-0.372 χ^2/NDF :334.3/2
 Out: 3.389+/-0.363 χ^2/NDF :494.8/3
 All: 2.135+/-0.260 χ^2/NDF : 853.6/6

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -66.666 ± 0.510 χ^2/NDF : 449.7/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -69.337 ± 0.506 χ^2/NDF : 520.7/2

Left: -68.013 ± 0.359 χ^2/NDF : 984.2/6

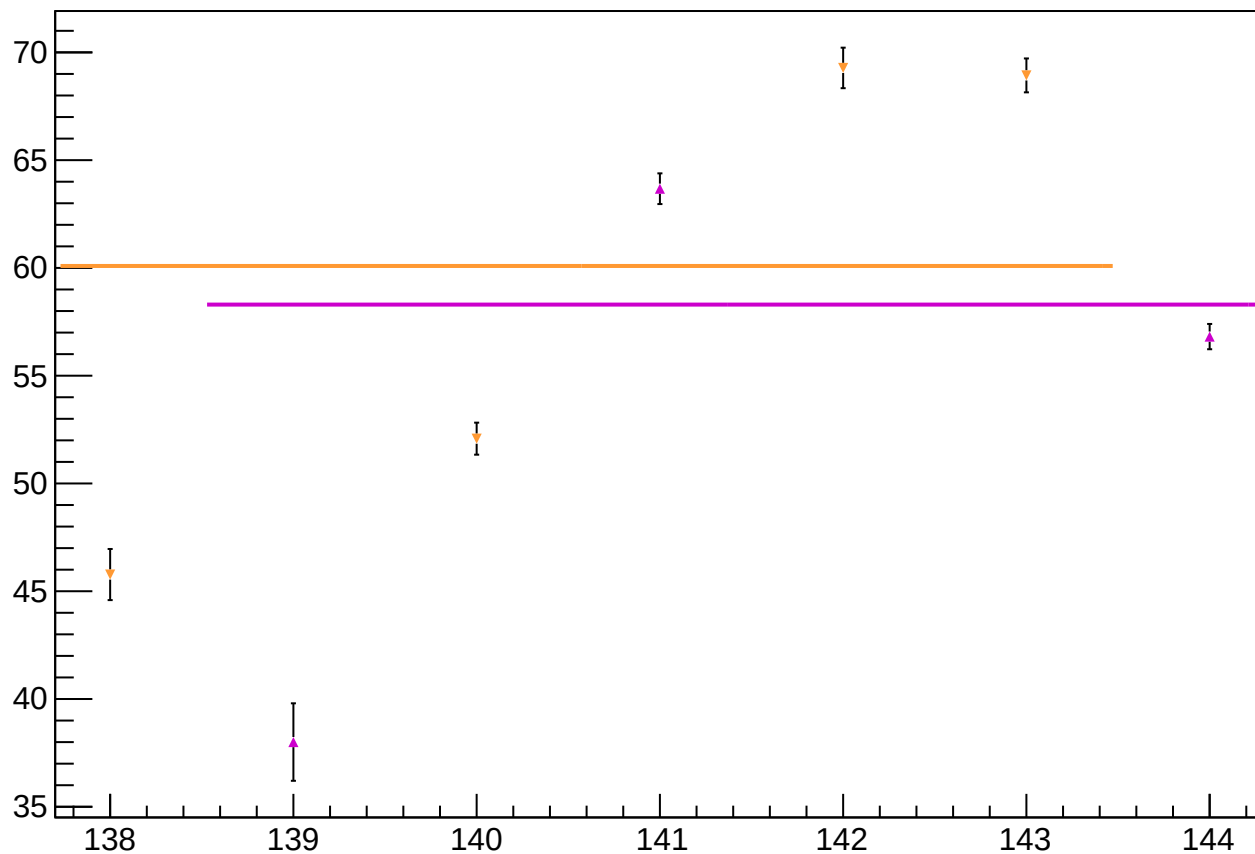
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -69.337 ± 0.506 χ^2/NDF : 520.7/2

Out: -66.666 ± 0.510 χ^2/NDF : 449.7/3

All: -68.013 ± 0.359 χ^2/NDF : 984.2/6

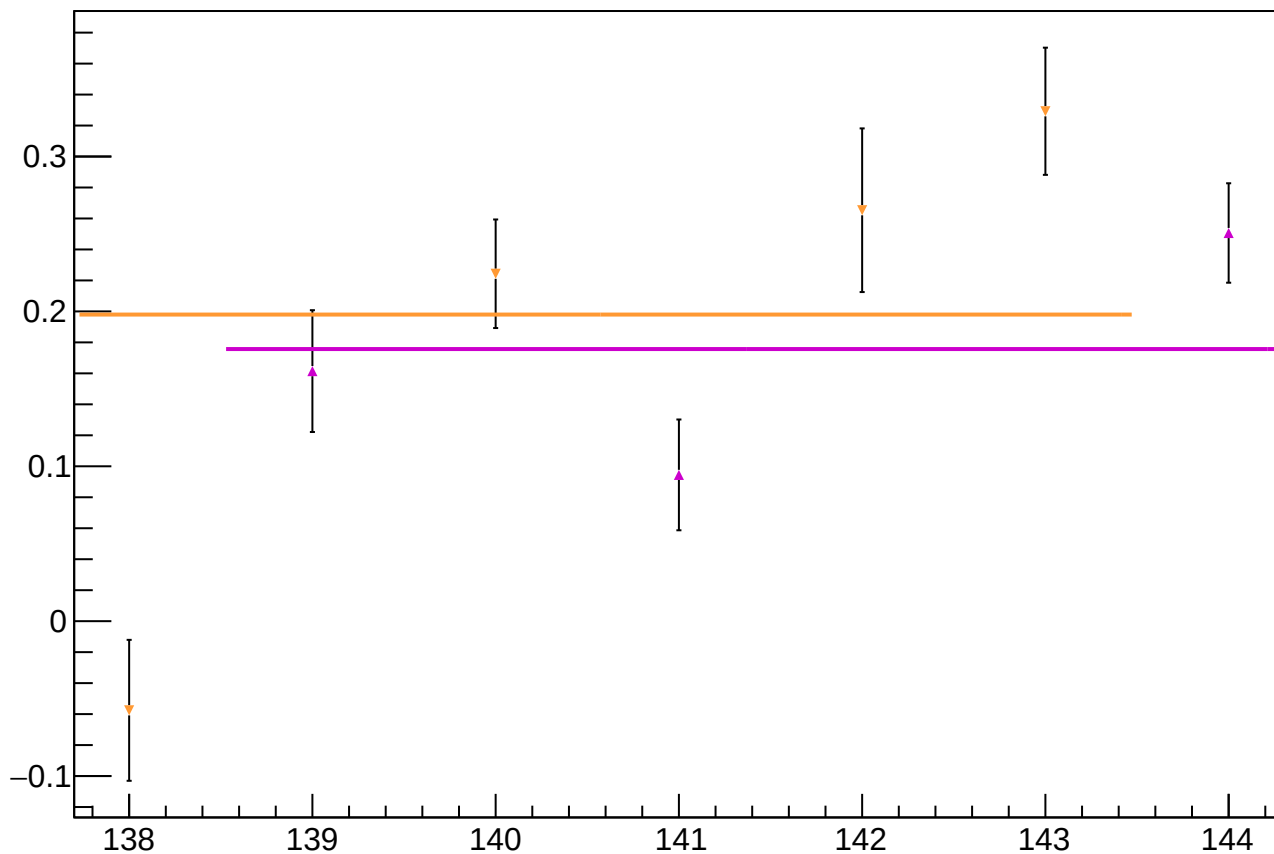
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 60.091 $\pm$ 0.436 χ^2 /NDF:484.1/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 58.299 $\pm$ 0.439 χ^2 /NDF:190.9/2

Left: 59.202 $\pm$ 0.309 χ^2 /NDF: 683.3/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 58.299 $\pm$ 0.439 χ^2 /NDF:190.9/2
 Out: 60.091 $\pm$ 0.436 χ^2 /NDF:484.1/3
 All: 59.202 $\pm$ 0.309 χ^2 /NDF: 683.3/6

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: 0.198+/-0.021 χ^2/NDF :44.0/3

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: 0.186+/-0.015 χ^2/NDF : 55.3/6

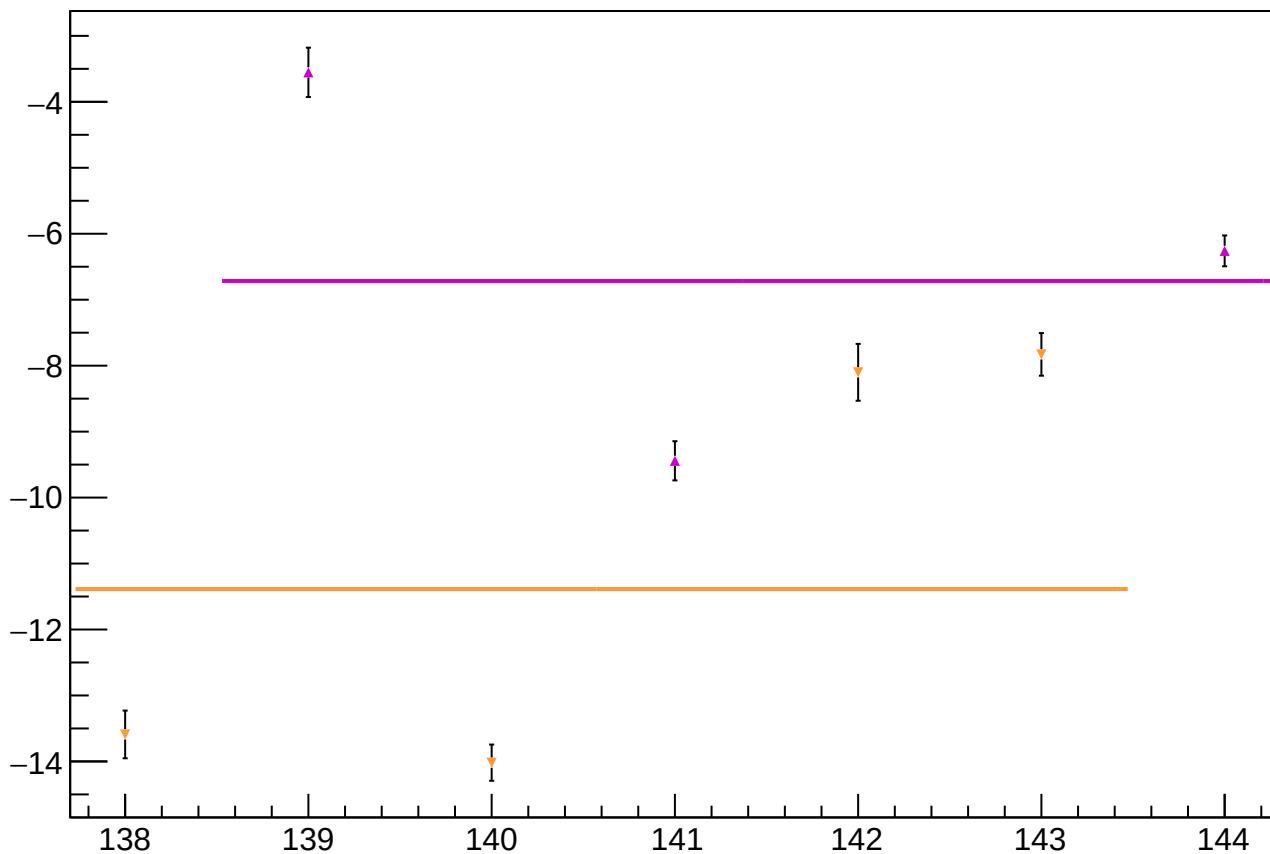
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.176+/-0.020 χ^2/NDF :10.7/2

Out: 0.198+/-0.021 χ^2/NDF :44.0/3

All: 0.186+/-0.015 χ^2/NDF : 55.3/6

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: -11.385+/-0.167 χ^2/NDF :308.7/3

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: -9.022+/-0.117 χ^2/NDF : 864.4/6

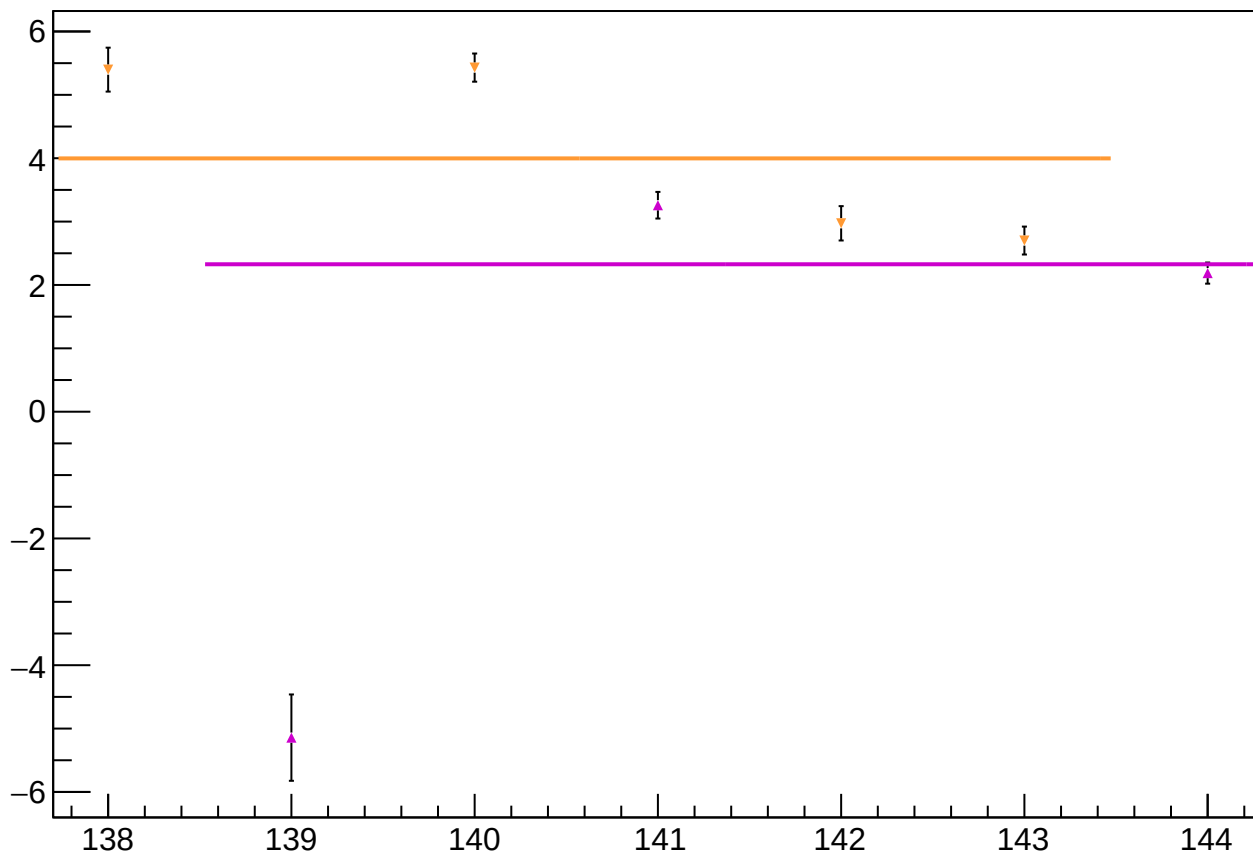
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.716+/-0.165 χ^2/NDF :159.6/2

Out: -11.385+/-0.167 χ^2/NDF :308.7/3

All: -9.022+/-0.117 χ^2/NDF : 864.4/6

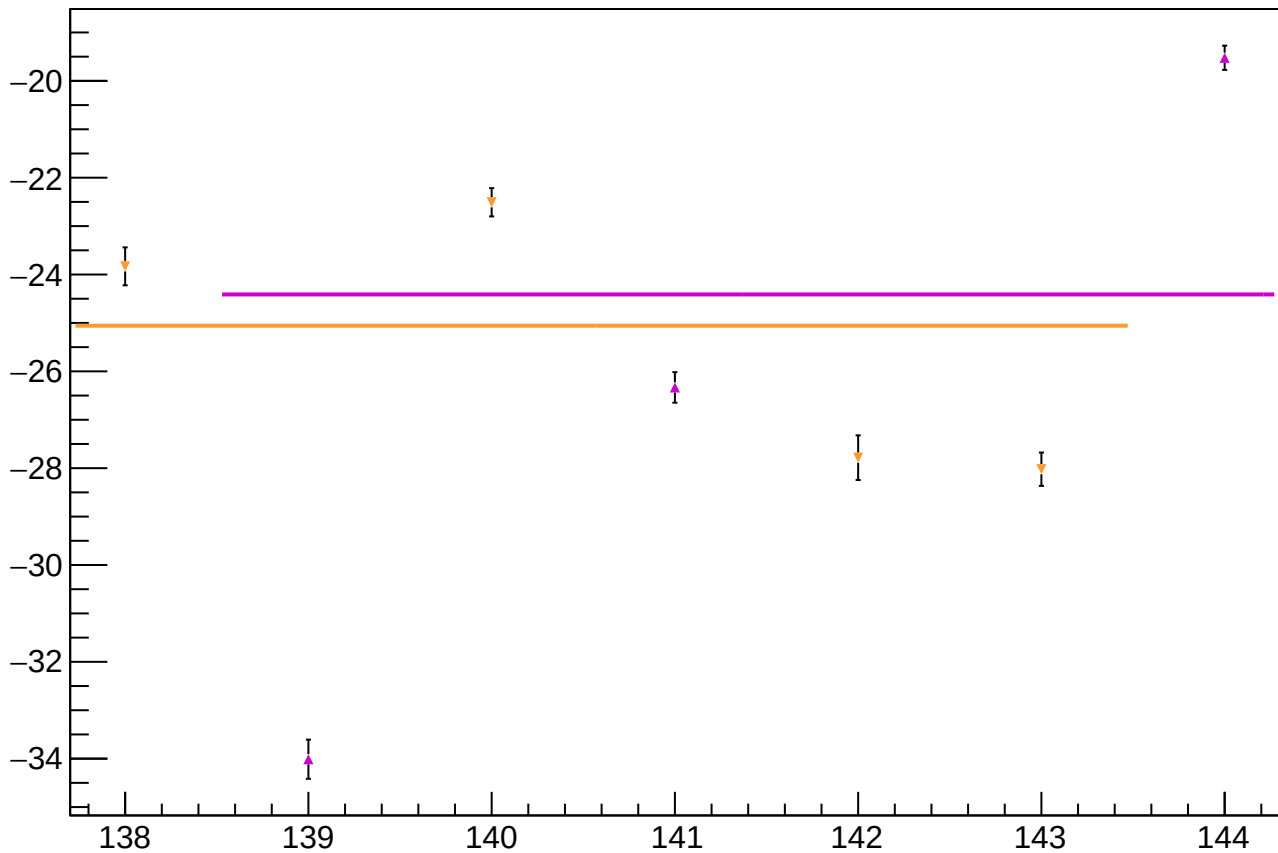
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.997+/-0.126 χ^2/NDF :106.8/3
 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: 3.175+/-0.090 χ^2/NDF : 333.6/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.327+/-0.128 χ^2/NDF :140.6/2
 Out: 3.997+/-0.126 χ^2/NDF :106.8/3
 All: 3.175+/-0.090 χ^2/NDF : 333.6/6

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.057+/-0.179 χ^2/NDF :194.9/3

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: -24.731+/-0.126 χ^2/NDF : 1182.6/6

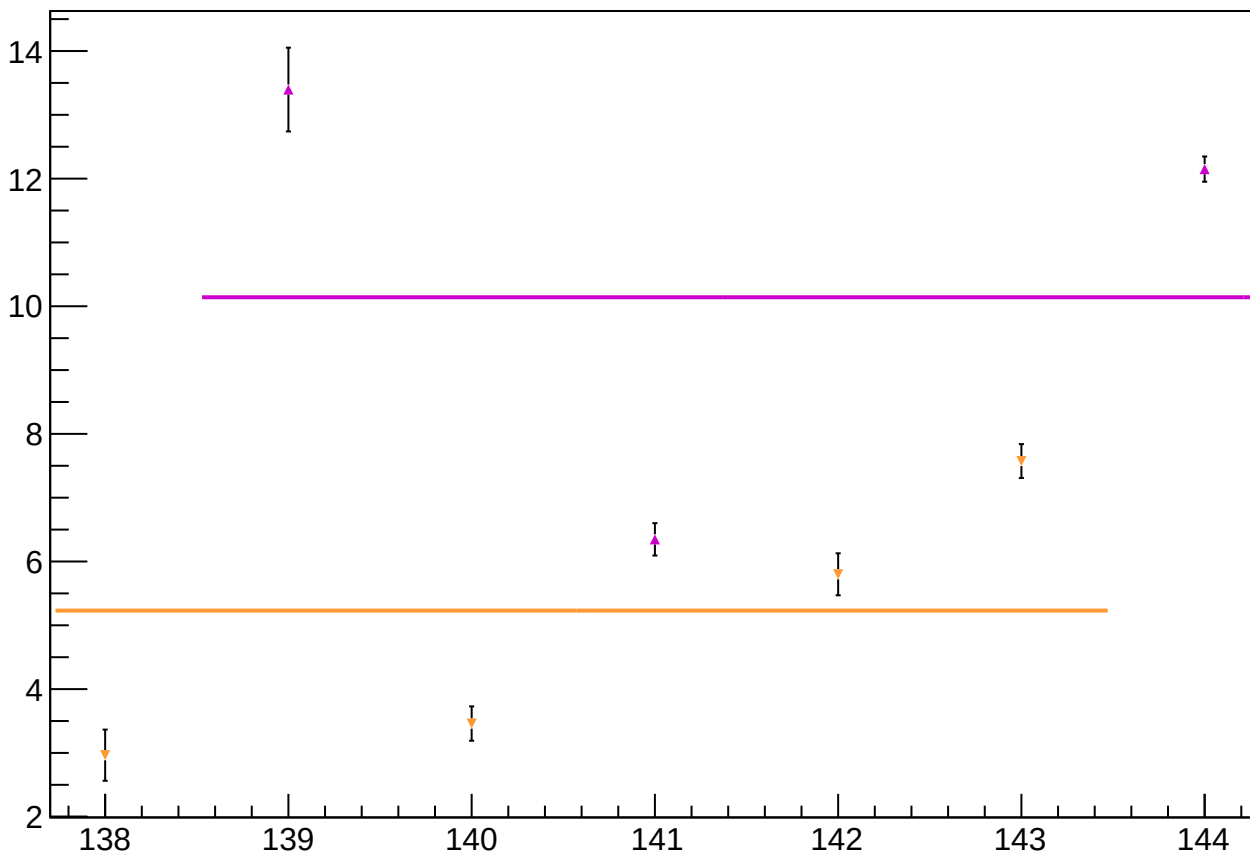
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.411+/-0.177 χ^2/NDF :981.0/2

Out: -25.057+/-0.179 χ^2/NDF :194.9/3

All: -24.731+/-0.126 χ^2/NDF : 1182.6/6

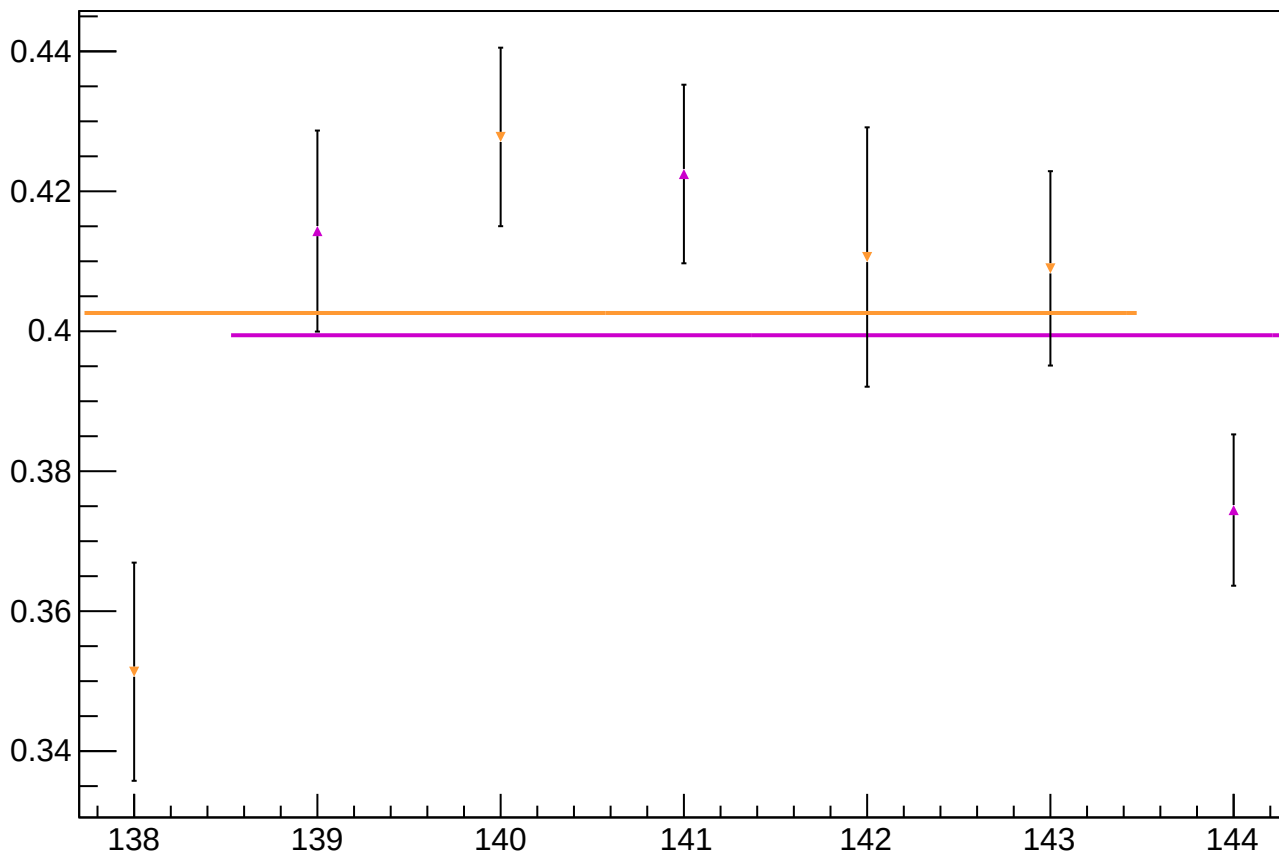
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.230+/-0.152 χ^2/NDF :156.2/3
 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: 7.686+/-0.107 χ^2/NDF : 1031.8/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.141+/-0.152 χ^2/NDF :351.6/2
 Out: 5.230+/-0.152 χ^2/NDF :156.2/3
 All: 7.686+/-0.107 χ^2/NDF : 1031.8/6

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: 0.403 $\pm$ 0.007 χ^2 /NDF:15.1/3

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: 0.401 $\pm$ 0.005 χ^2 /NDF: 24.9/6

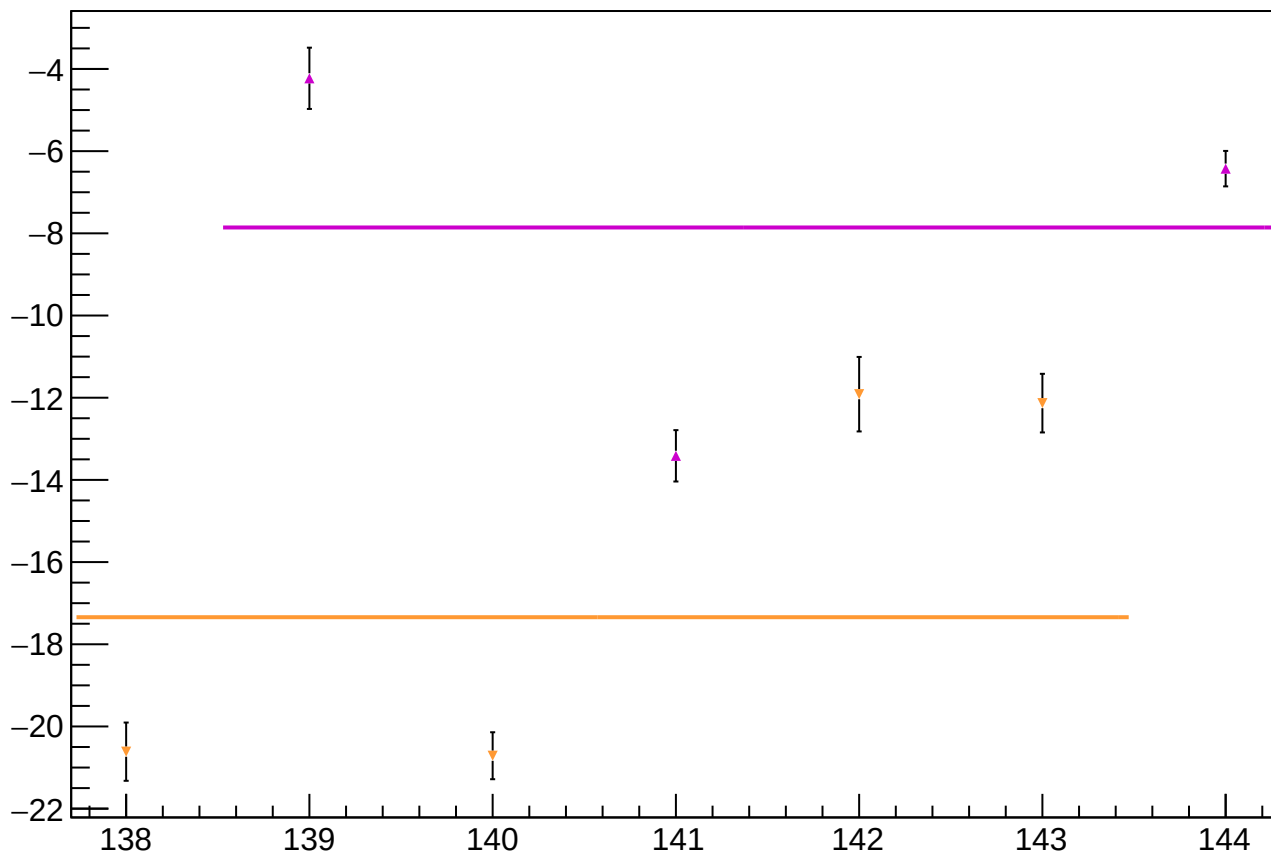
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Out: 0.403 $\pm$ 0.007 χ^2 /NDF:15.1/3

All: 0.401 $\pm$ 0.005 χ^2 /NDF: 24.9/6

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: -17.341+/-0.348 χ^2/NDF :145.3/3

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: -12.205+/-0.236 χ^2/NDF : 660.2/6

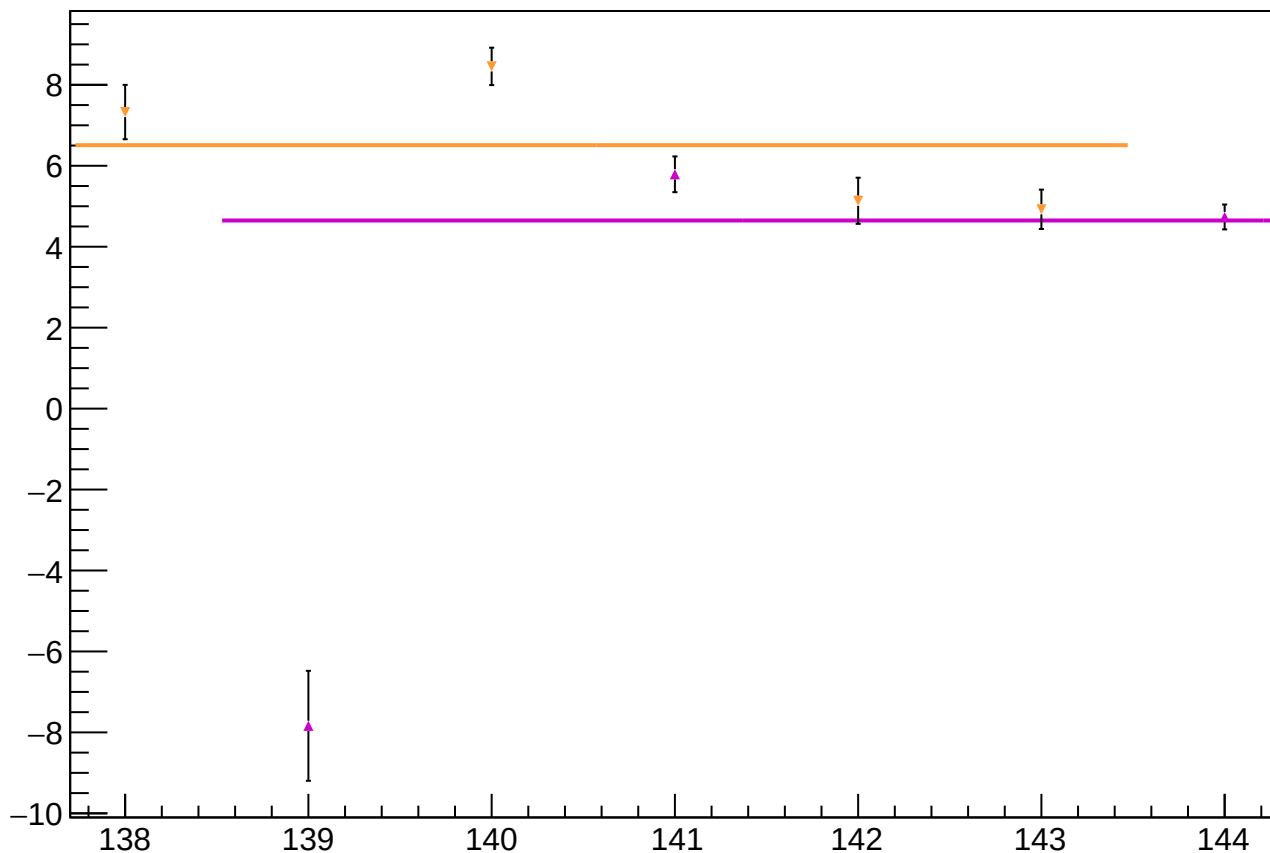
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.858+/-0.321 χ^2/NDF :113.7/2

Out: -17.341+/-0.348 χ^2/NDF :145.3/3

All: -12.205+/-0.236 χ^2/NDF : 660.2/6

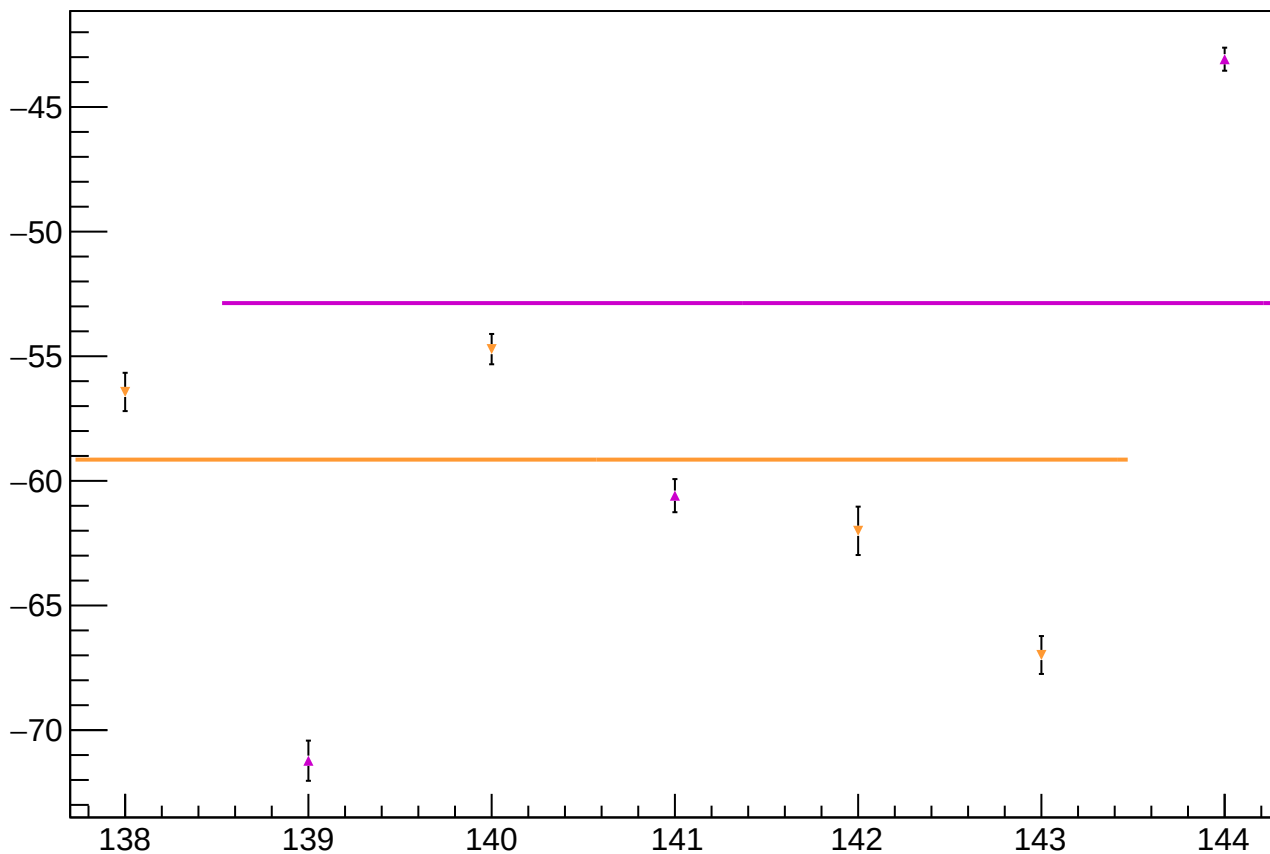
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.509 $\pm$ 0.265 χ^2 /NDF:35.6/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.648 $\pm$ 0.248 χ^2 /NDF:91.2/2

Left: 5.516 $\pm$ 0.181 χ^2 /NDF: 153.1/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.648 $\pm$ 0.248 χ^2 /NDF:91.2/2
 Out: 6.509 $\pm$ 0.265 χ^2 /NDF:35.6/3
 All: 5.516 $\pm$ 0.181 χ^2 /NDF: 153.1/6

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: -59.147+/-0.373 χ^2/NDF :180.5/3

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: -55.749+/-0.253 χ^2/NDF : 1435.6/6

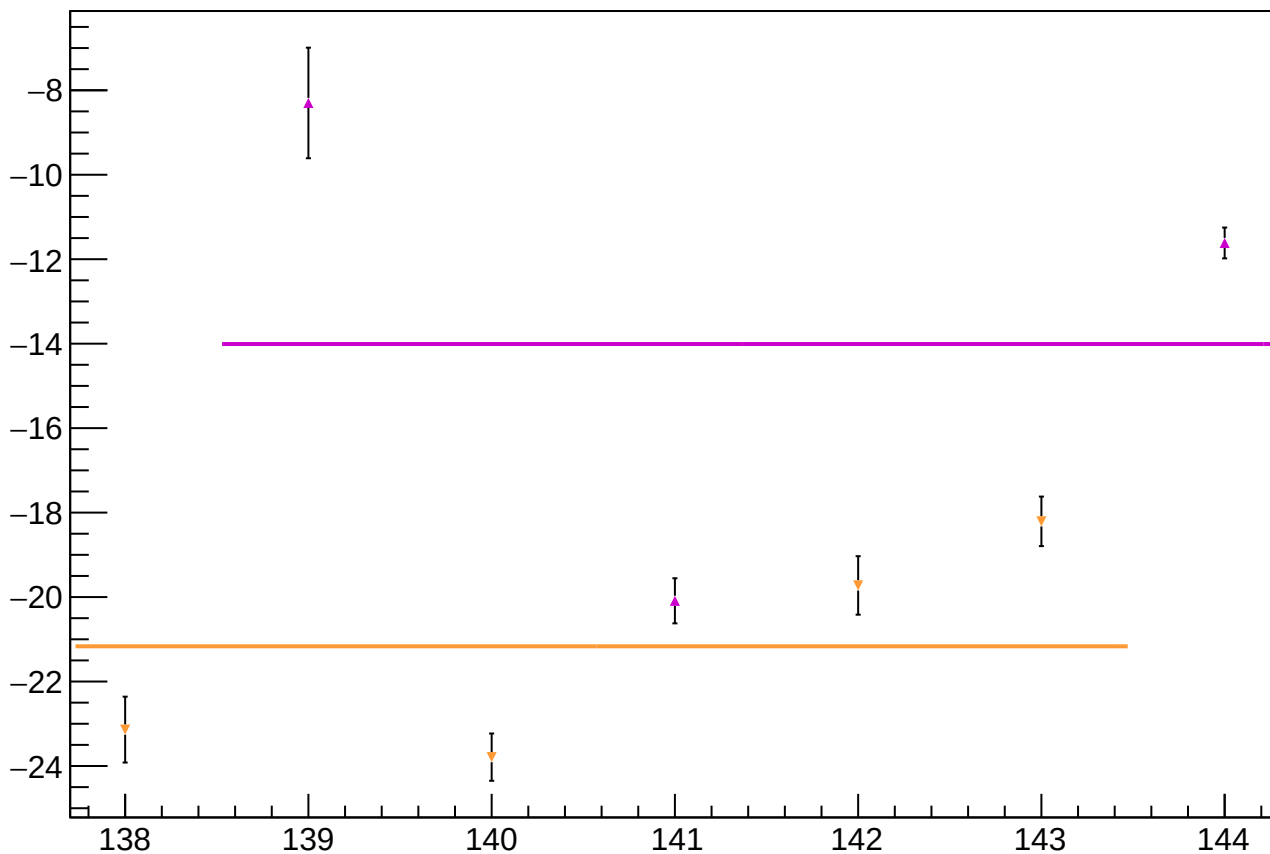
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.867+/-0.343 χ^2/NDF :1101.7/2

Out: -59.147+/-0.373 χ^2/NDF :180.5/3

All: -55.749+/-0.253 χ^2/NDF : 1435.6/6

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -21.166+/-0.319 χ^2/NDF :58.2/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.009+/-0.293 χ^2/NDF :191.8/2

Left: -17.289+/-0.216 χ^2/NDF : 522.5/6

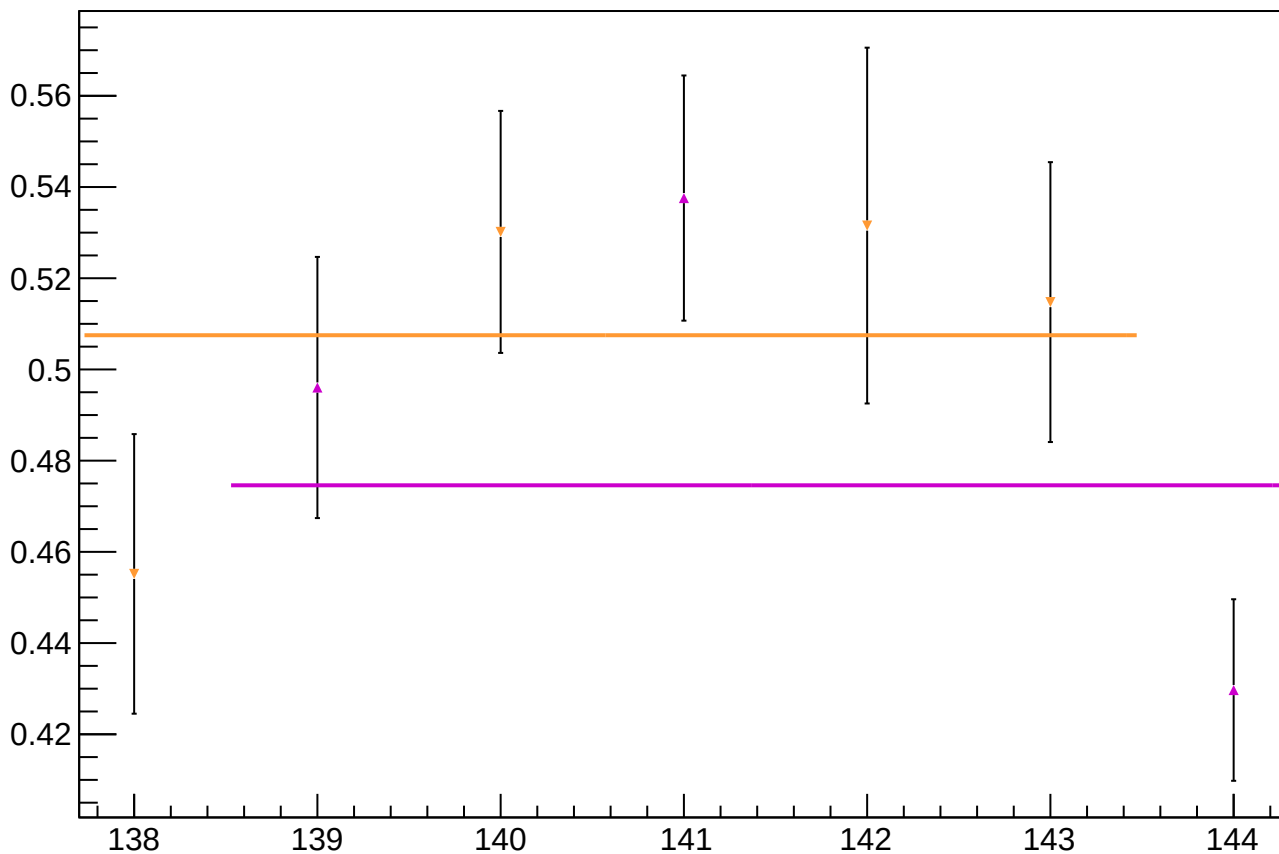
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.009+/-0.293 χ^2/NDF :191.8/2

Out: -21.166+/-0.319 χ^2/NDF :58.2/3

All: -17.289+/-0.216 χ^2/NDF : 522.5/6

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.508 $\pm$ 0.015 χ^2 /NDF:4.1/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.475 $\pm$ 0.014 χ^2 /NDF:11.1/2

Left: 0.489 $\pm$ 0.010 χ^2 /NDF: 17.7/6

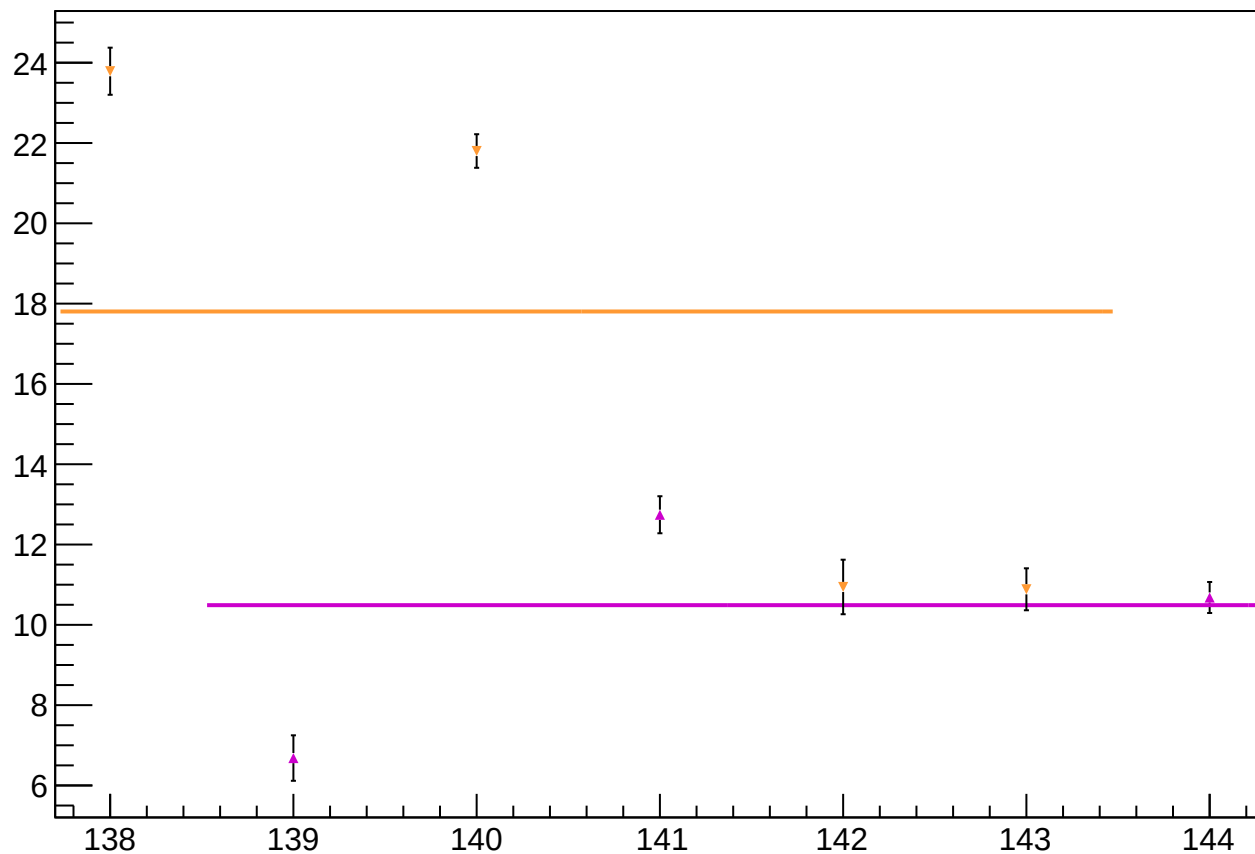
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.475 $\pm$ 0.014 χ^2 /NDF:11.1/2

Out: 0.508 $\pm$ 0.015 χ^2 /NDF:4.1/3

All: 0.489 $\pm$ 0.010 χ^2 /NDF: 17.7/6

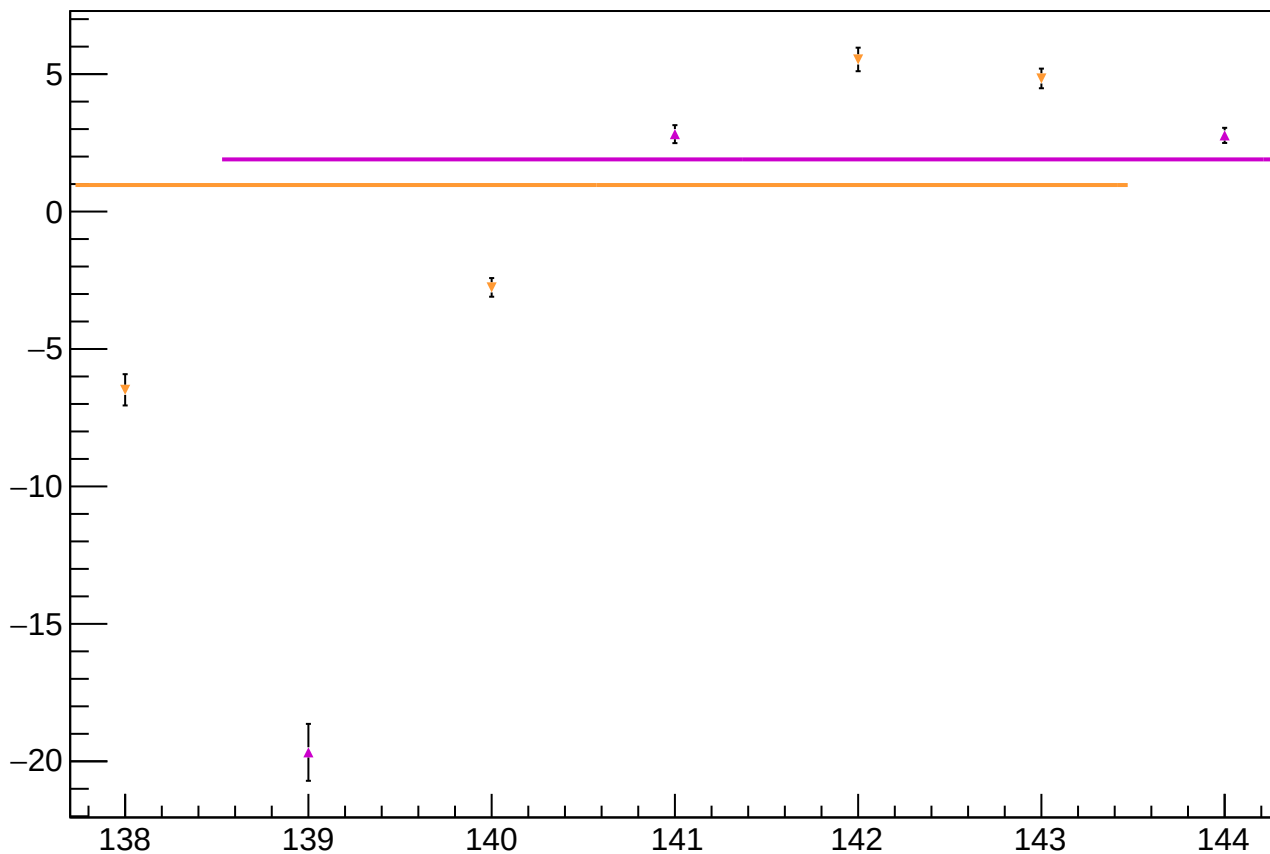
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.804+/-0.263 χ^2/NDF :472.8/3
 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: 14.138+/-0.186 χ^2/NDF : 929.6/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.490+/-0.262 χ^2/NDF :69.3/2
 Out: 17.804+/-0.263 χ^2/NDF :472.8/3
 All: 14.138+/-0.186 χ^2/NDF : 929.6/6

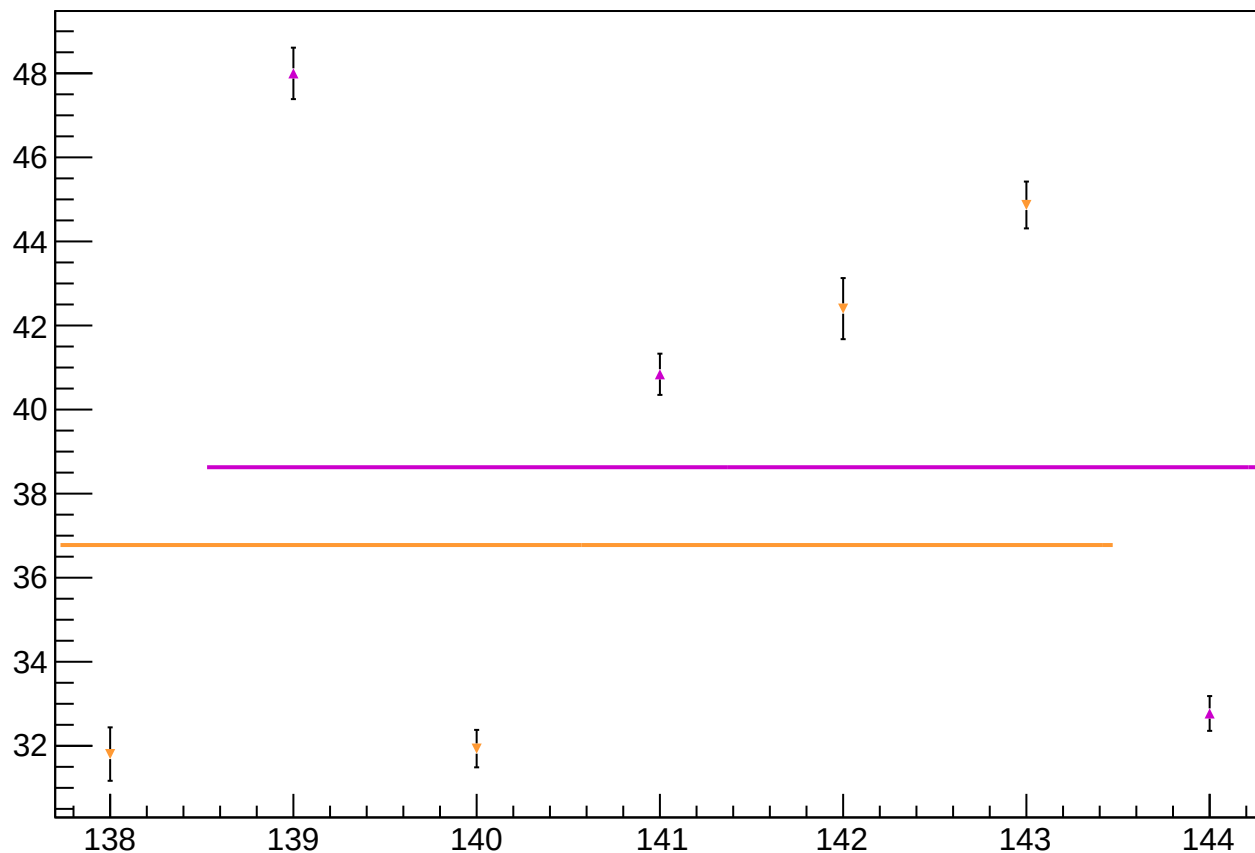
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.965+/-0.200 χ^2/NDF :523.3/3
 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: 1.416+/-0.144 χ^2/NDF : 986.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.897+/-0.206 χ^2/NDF :452.1/2
 Out: 0.965+/-0.200 χ^2/NDF :523.3/3
 All: 1.416+/-0.144 χ^2/NDF : 986.0/6

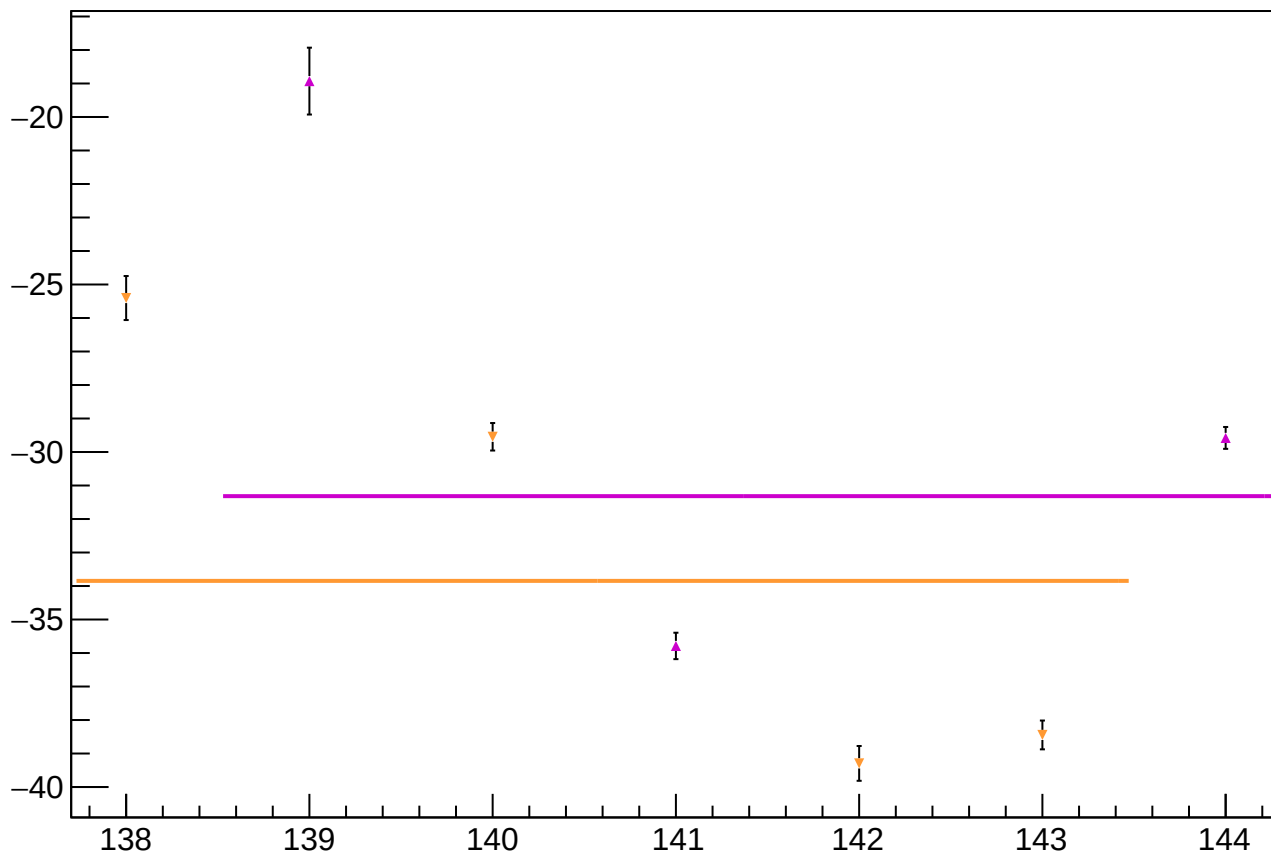
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.777+/-0.281 χ^2/NDF :450.2/3
 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: 37.704+/-0.199 χ^2/NDF : 927.1/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 38.628+/-0.281 χ^2/NDF :455.2/2
 Out: 36.777+/-0.281 χ^2/NDF :450.2/3
 All: 37.704+/-0.199 χ^2/NDF : 927.1/6

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: -33.847 ± 0.240 χ^2/NDF : 499.3/3

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: -32.602 ± 0.171 χ^2/NDF : 865.1/6

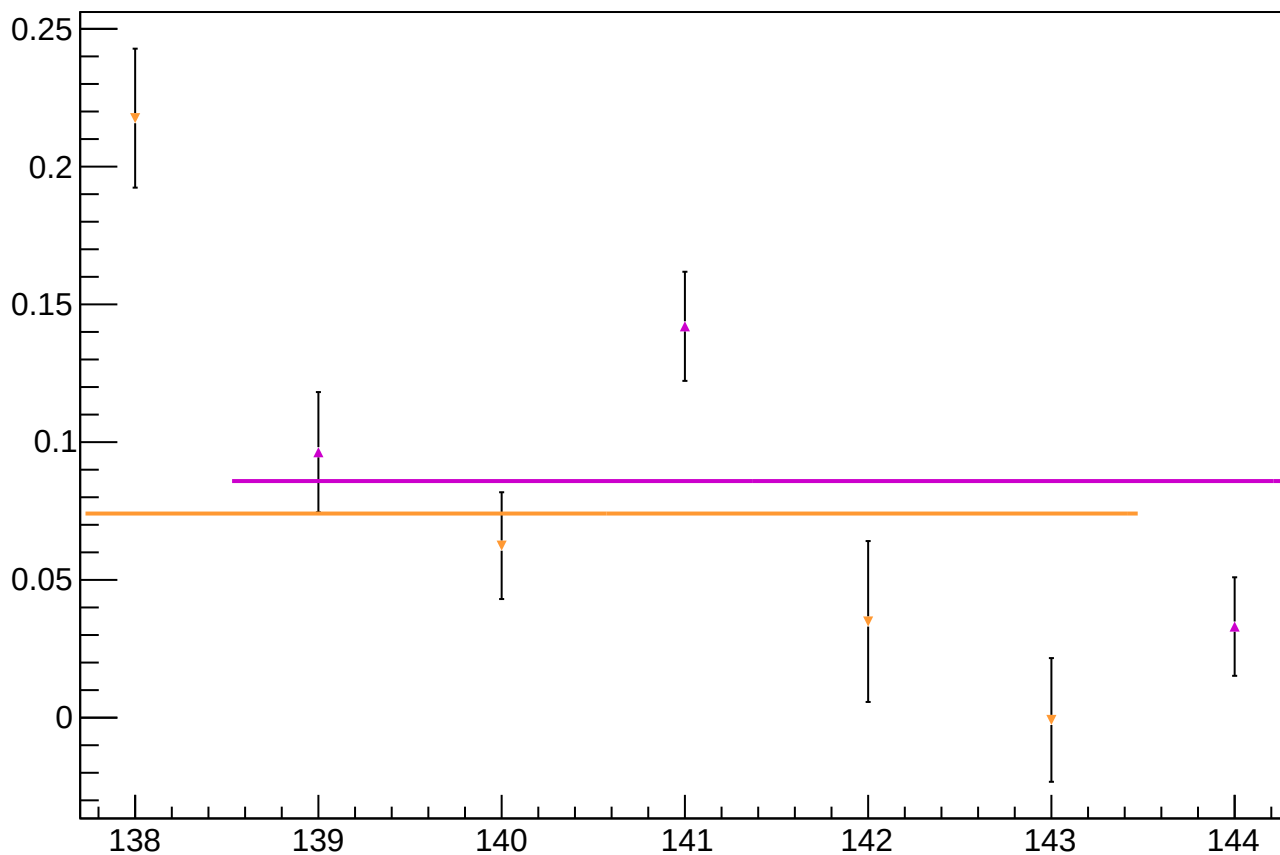
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -31.317 ± 0.244 χ^2/NDF : 311.1/2

Out: -33.847 ± 0.240 χ^2/NDF : 499.3/3

All: -32.602 ± 0.171 χ^2/NDF : 865.1/6

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.074 $\pm$ 0.012 χ^2 /NDF:45.7/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.086 $\pm$ 0.011 χ^2 /NDF:17.0/2

Left: 0.080 $\pm$ 0.008 χ^2 /NDF: 63.2/6

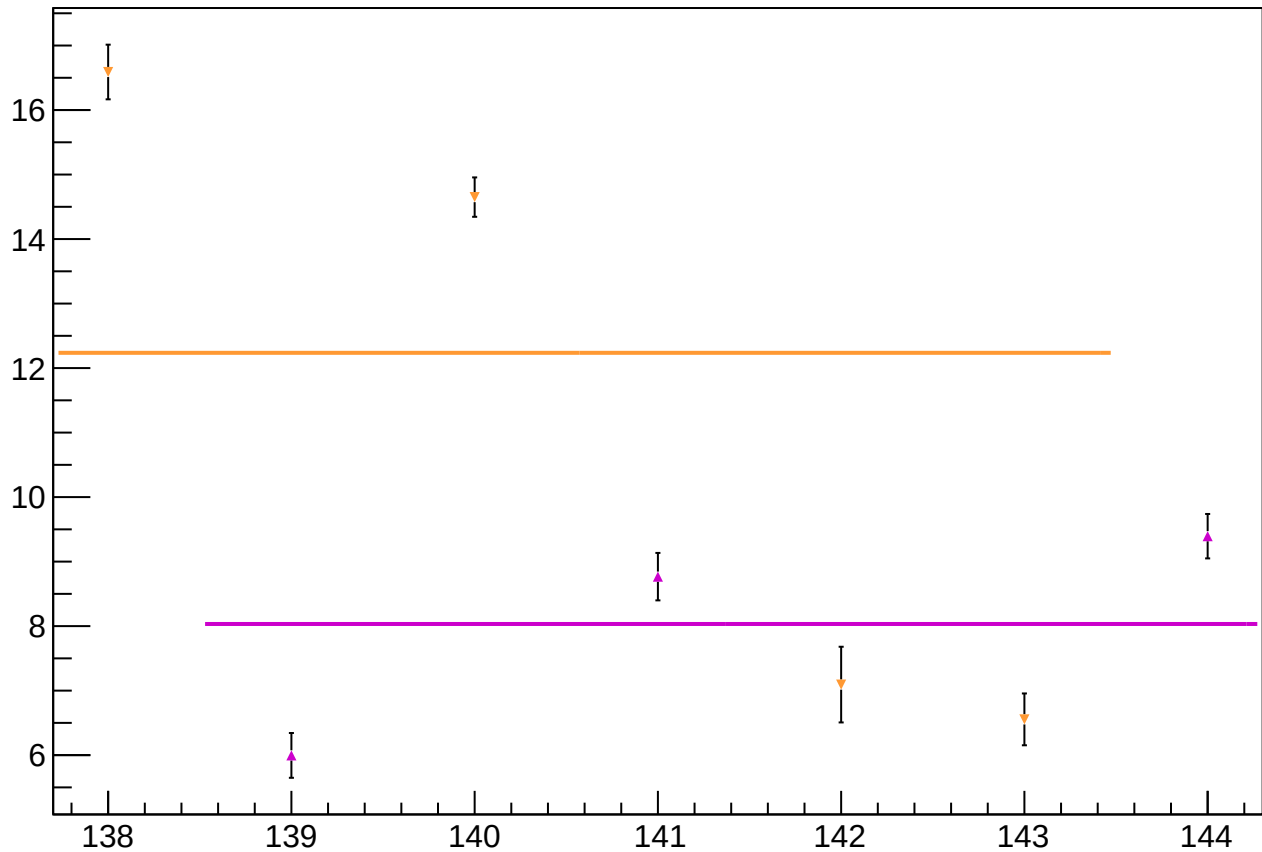
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.086 $\pm$ 0.011 χ^2 /NDF:17.0/2

Out: 0.074 $\pm$ 0.012 χ^2 /NDF:45.7/3

All: 0.080 $\pm$ 0.008 χ^2 /NDF: 63.2/6

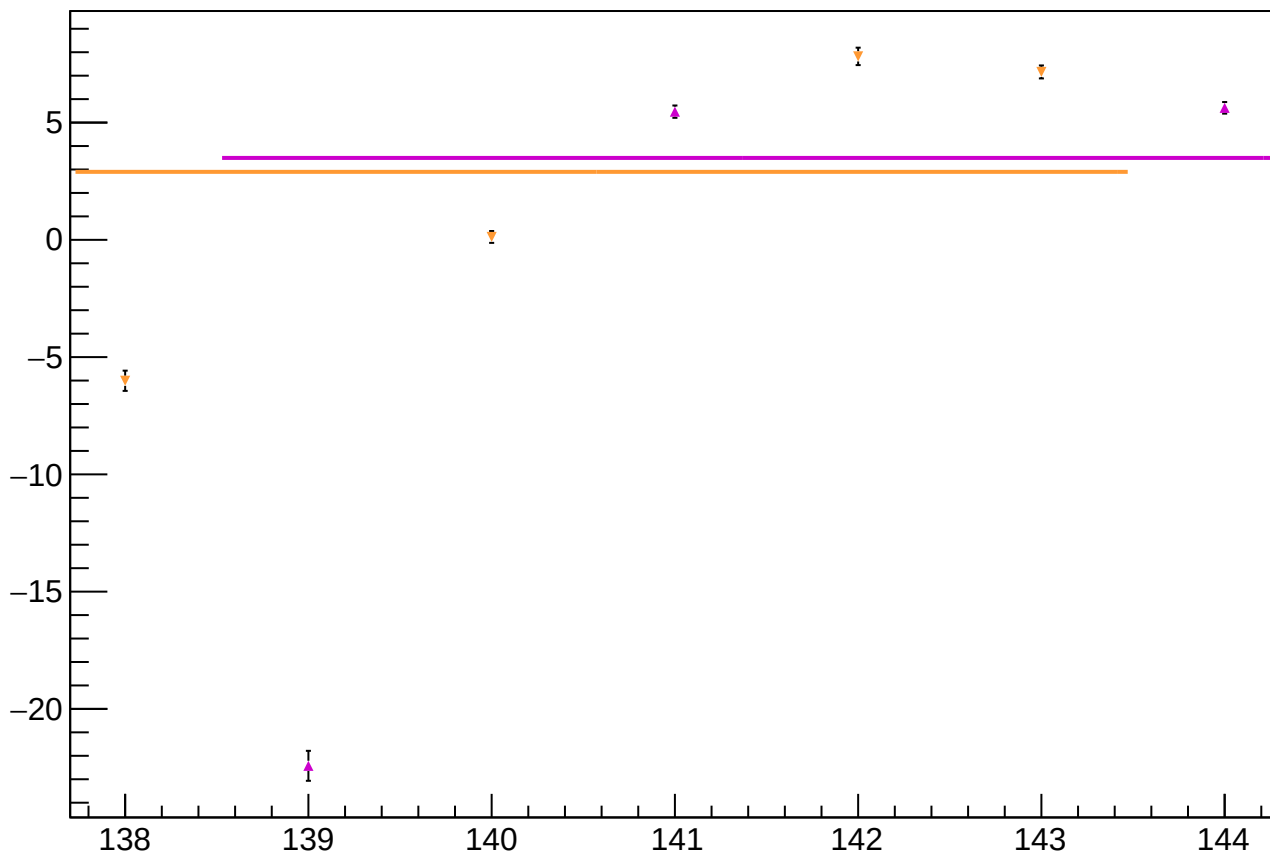
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 12.237 $\pm$ 0.198 χ^2 /NDF:445.0/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.033 $\pm$ 0.204 χ^2 /NDF:54.0/2

Left: 10.189 $\pm$ 0.142 χ^2 /NDF: 717.7/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.033 $\pm$ 0.204 χ^2 /NDF:54.0/2
 Out: 12.237 $\pm$ 0.198 χ^2 /NDF:445.0/3
 All: 10.189 $\pm$ 0.142 χ^2 /NDF: 717.7/6

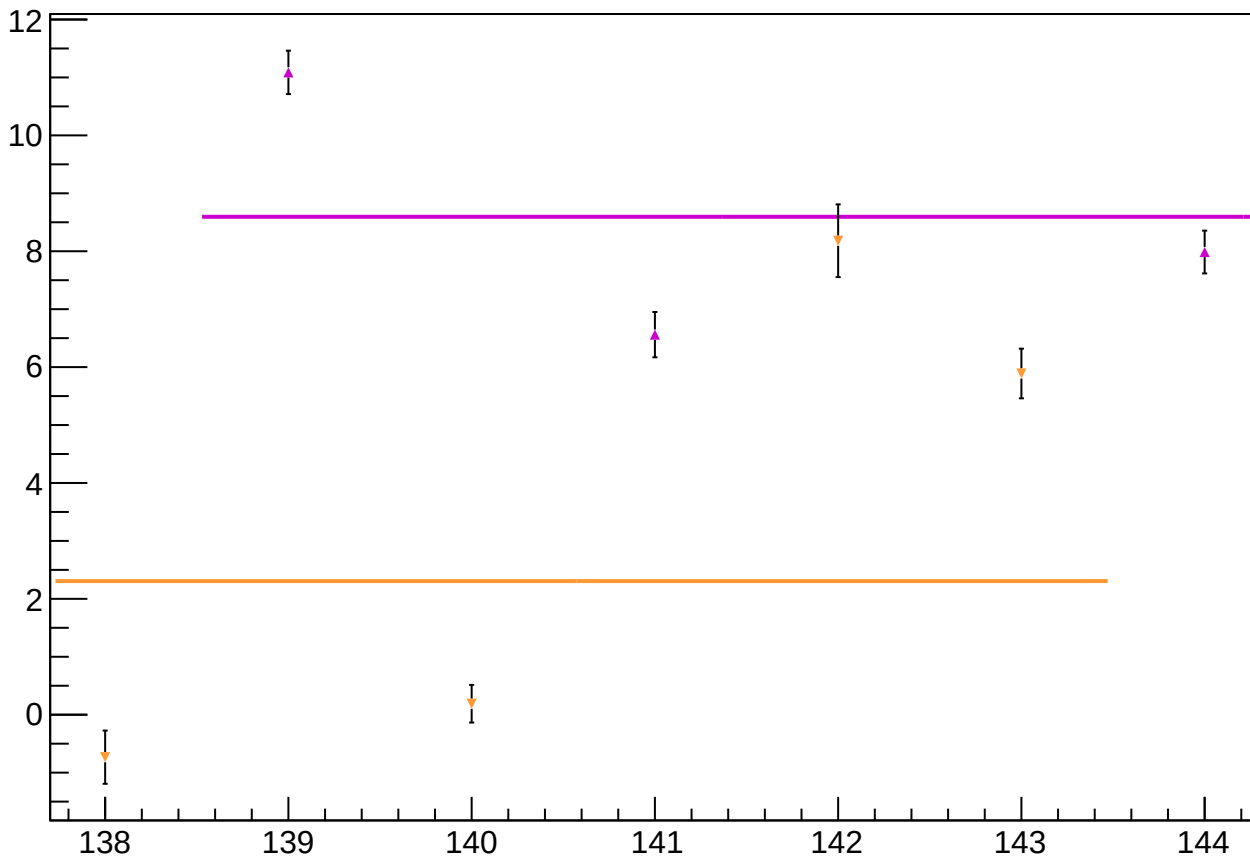
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.899+/-0.156 χ^2/NDF :959.4/3
 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: 3.164+/-0.116 χ^2/NDF : 2742.4/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.493+/-0.173 χ^2/NDF :1776.5/2
 Out: 2.899+/-0.156 χ^2/NDF :959.4/3
 All: 3.164+/-0.116 χ^2/NDF : 2742.4/6

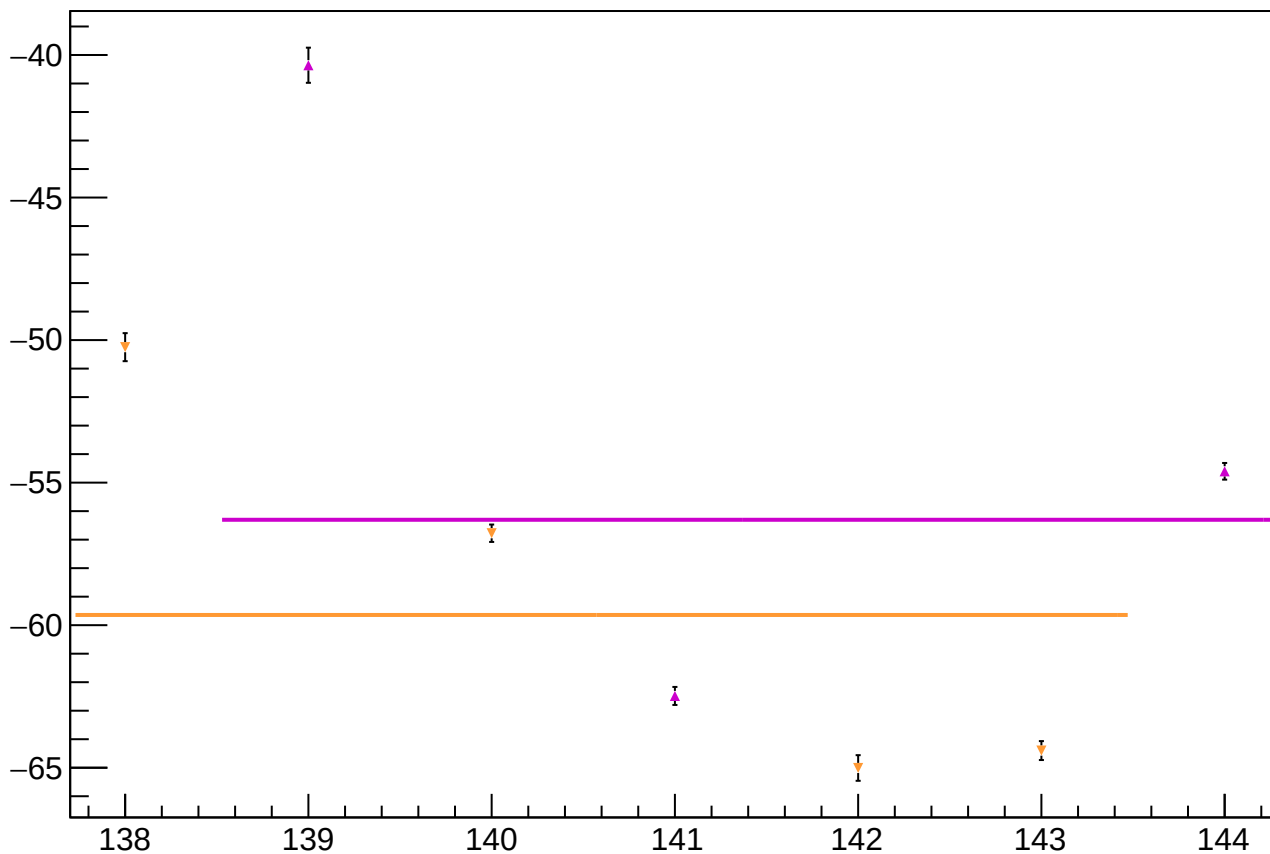
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.307+/-0.212 χ^2/NDF :243.6/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.595+/-0.218 χ^2/NDF :74.0/2

Left: 5.366+/-0.152 χ^2/NDF : 744.1/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.595+/-0.218 χ^2/NDF :74.0/2
 Out: 2.307+/-0.212 χ^2/NDF :243.6/3
 All: 5.366+/-0.152 χ^2/NDF : 744.1/6

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: -59.642+/-0.186 χ^2/NDF :801.4/3

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: -58.115+/-0.137 χ^2/NDF : 2034.4/6

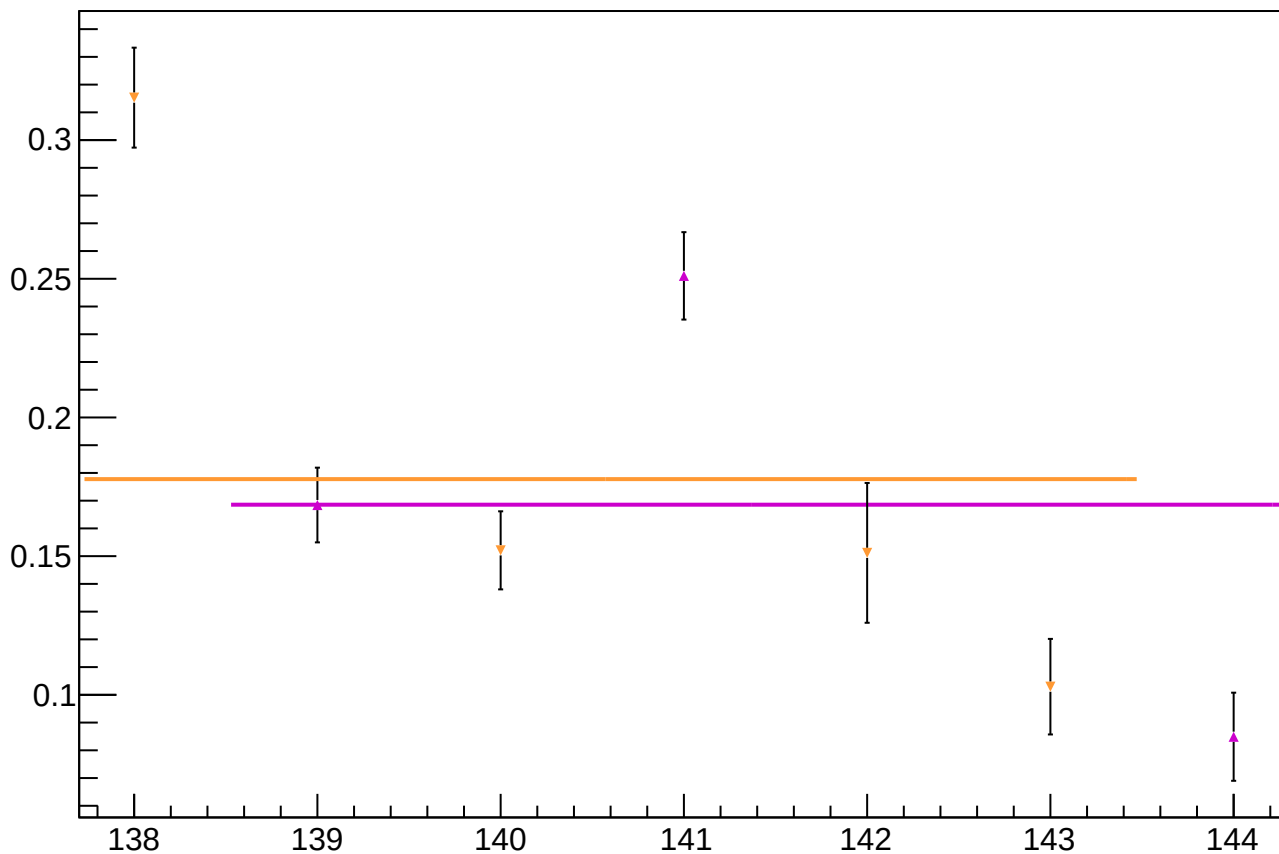
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.303+/-0.203 χ^2/NDF :1085.6/2

Out: -59.642+/-0.186 χ^2/NDF :801.4/3

All: -58.115+/-0.137 χ^2/NDF : 2034.4/6

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.178+/-0.009 χ^2/NDF :81.6/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.169+/-0.009 χ^2/NDF :55.1/2

Left: 0.173+/-0.006 χ^2/NDF : 137.3/6

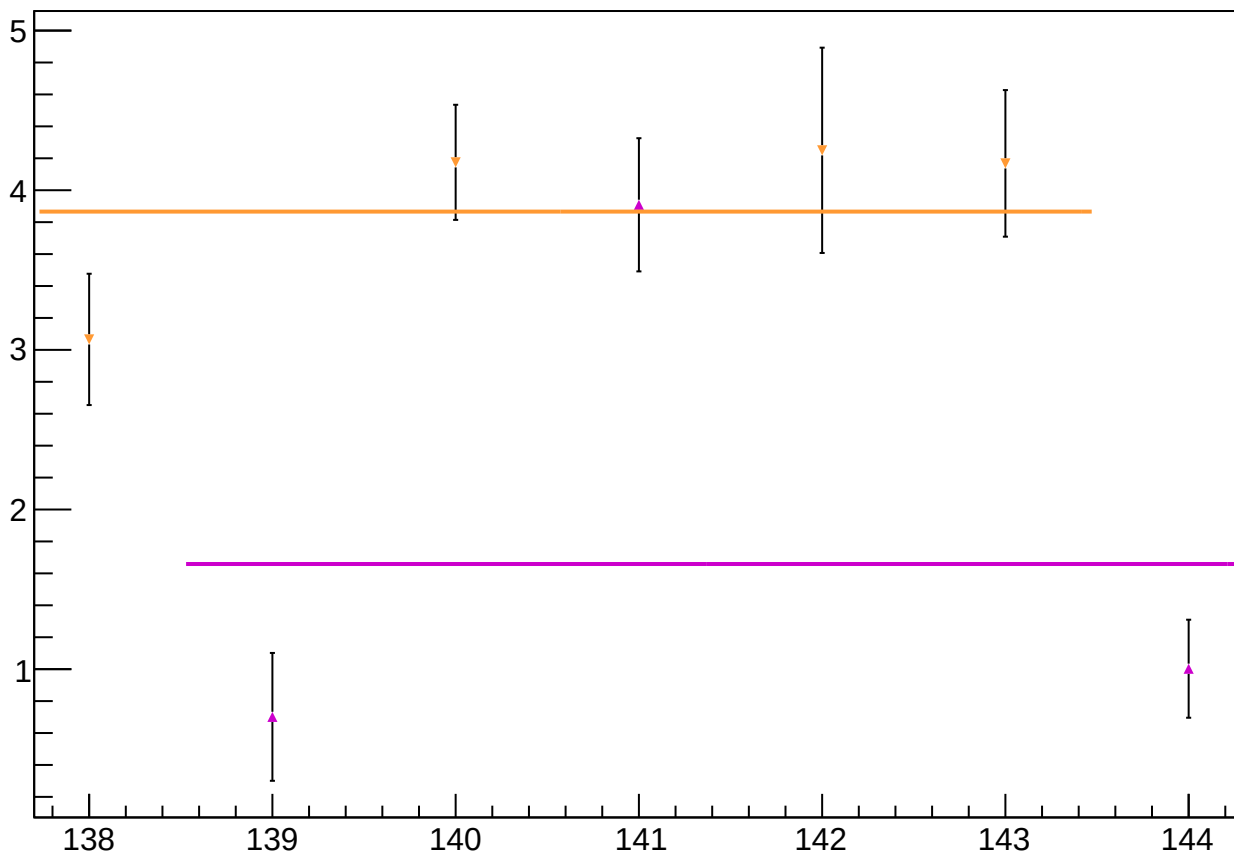
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.169+/-0.009 χ^2/NDF :55.1/2

Out: 0.178+/-0.009 χ^2/NDF :81.6/3

All: 0.173+/-0.006 χ^2/NDF : 137.3/6

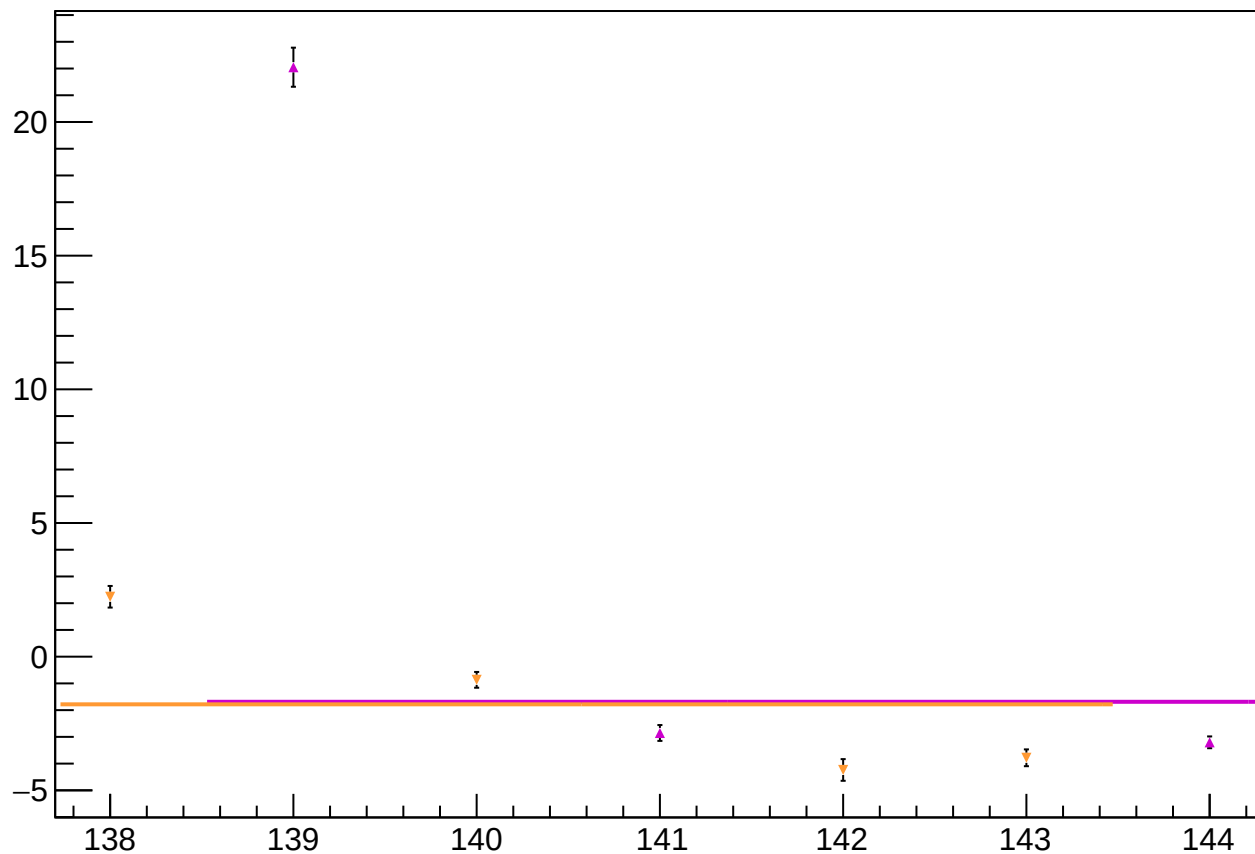
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.866 $\pm$ 0.219 χ^2 /NDF:5.3/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.659 $\pm$ 0.210 χ^2 /NDF:39.4/2

Left: 2.716 $\pm$ 0.152 χ^2 /NDF: 97.4/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.659 $\pm$ 0.210 χ^2 /NDF:39.4/2
 Out: 3.866 $\pm$ 0.219 χ^2 /NDF:5.3/3
 All: 2.716 $\pm$ 0.152 χ^2 /NDF: 97.4/6

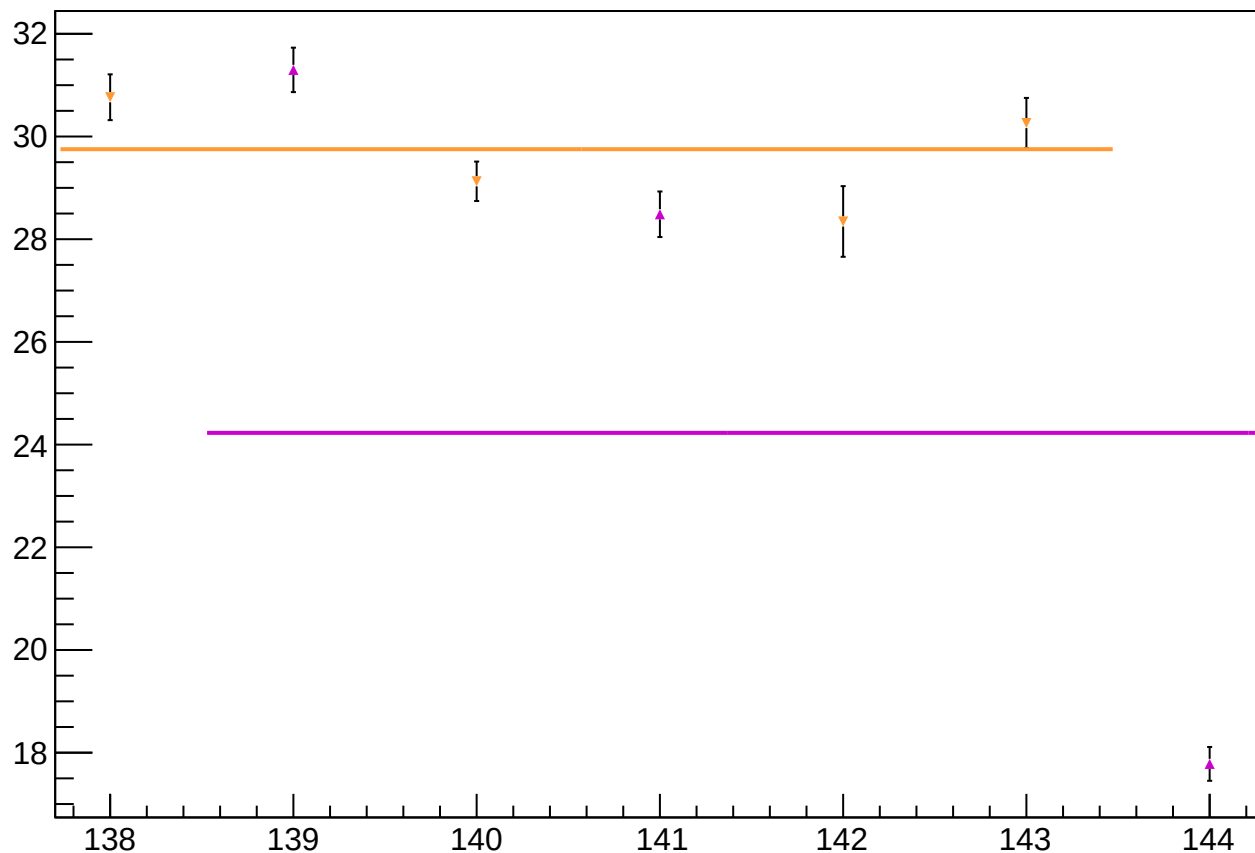
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.783+/-0.172 χ^2/NDF :185.8/3
 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: -1.735+/-0.122 χ^2/NDF : 1303.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.688+/-0.172 χ^2/NDF :1117.0/2
 Out: -1.783+/-0.172 χ^2/NDF :185.8/3
 All: -1.735+/-0.122 χ^2/NDF : 1303.0/6

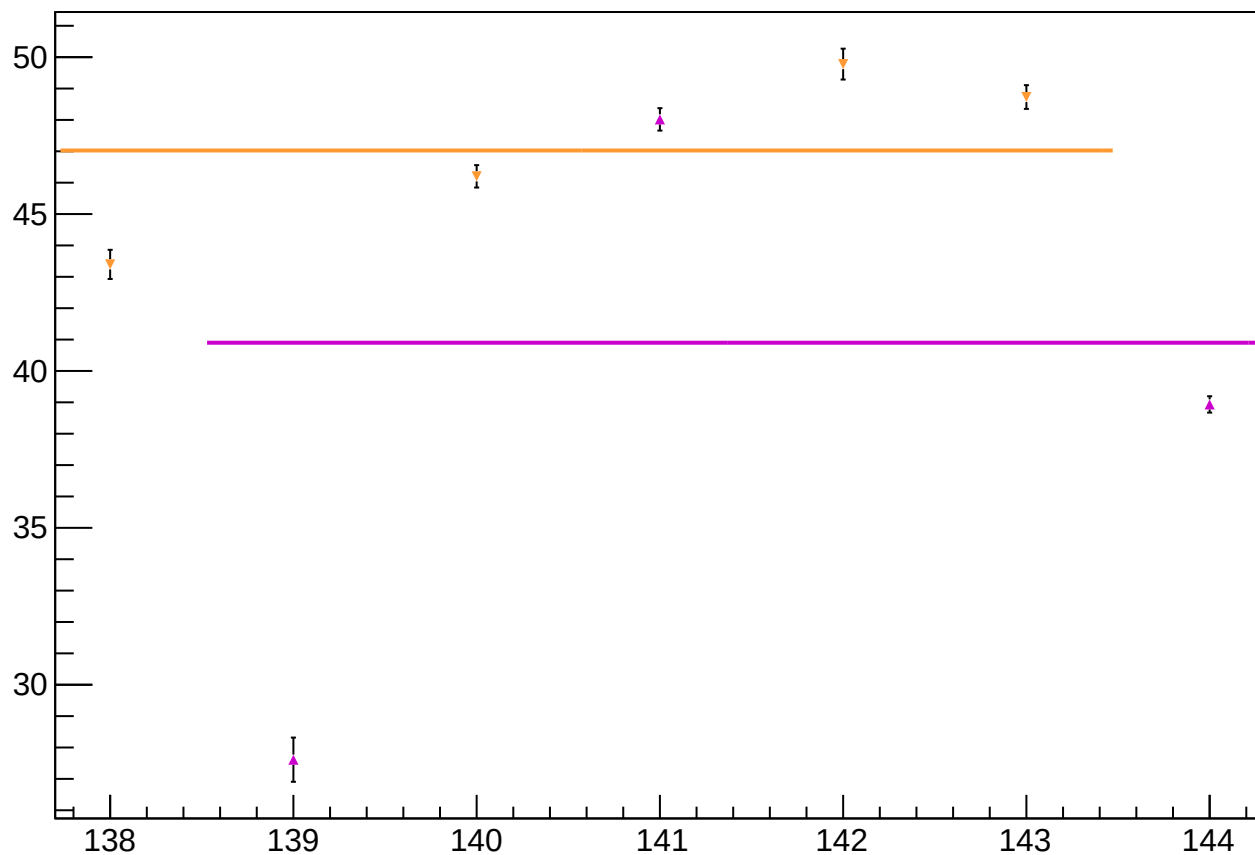
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 29.753 $\pm$ 0.235 χ^2 /NDF:13.1/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 24.229 $\pm$ 0.226 χ^2 /NDF:741.9/2

Left: 26.878 $\pm$ 0.163 χ^2 /NDF: 1042.4/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 24.229 $\pm$ 0.226 χ^2 /NDF:741.9/2
 Out: 29.753 $\pm$ 0.235 χ^2 /NDF:13.1/3
 All: 26.878 $\pm$ 0.163 χ^2 /NDF: 1042.4/6

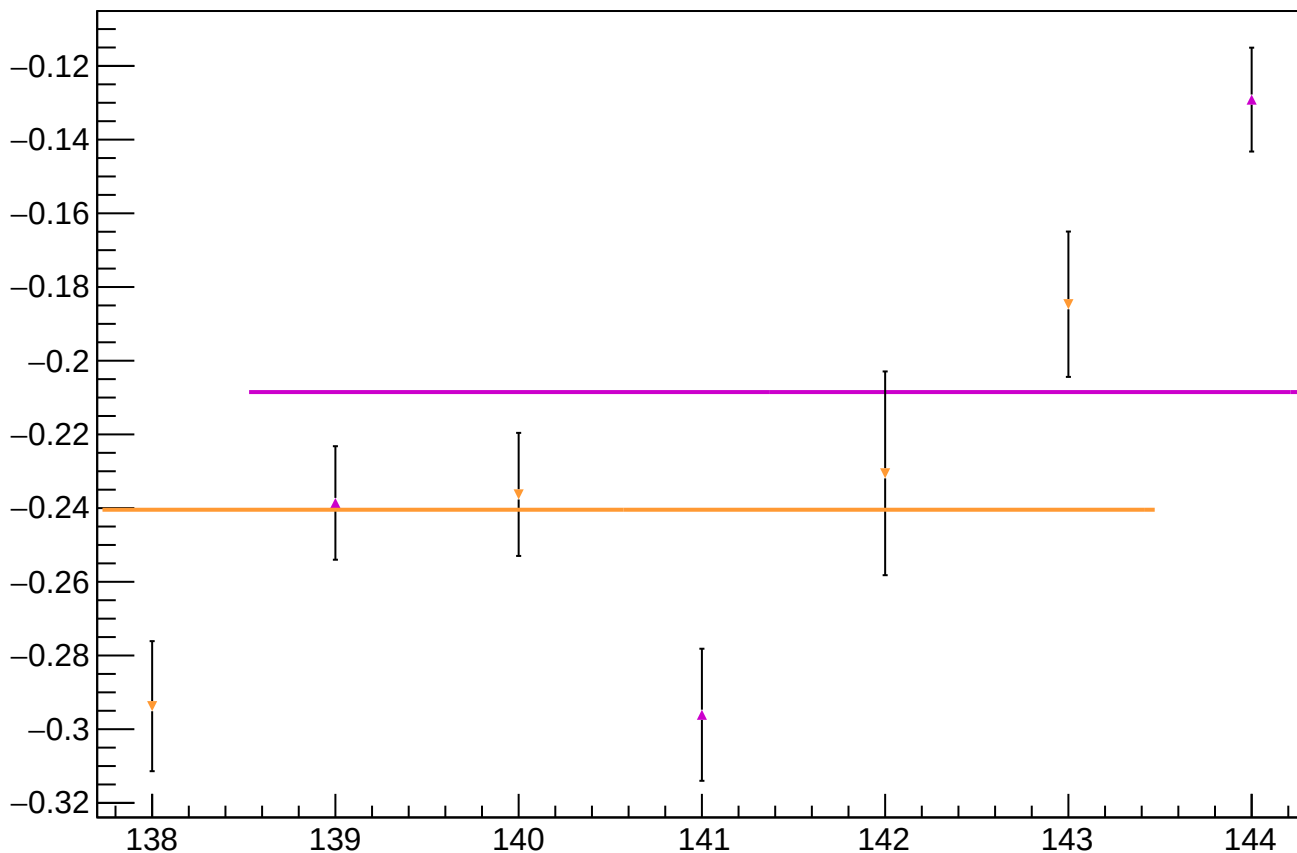
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 47.026+/-0.206 χ^2/NDF :118.0/3
 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: 43.903+/-0.144 χ^2/NDF : 1378.4/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.900+/-0.202 χ^2/NDF :808.8/2
 Out: 47.026+/-0.206 χ^2/NDF :118.0/3
 All: 43.903+/-0.144 χ^2/NDF : 1378.4/6

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: -0.240 $\pm$ 0.010 χ^2 /NDF:17.3/3

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: -0.223 $\pm$ 0.007 χ^2 /NDF: 82.6/6

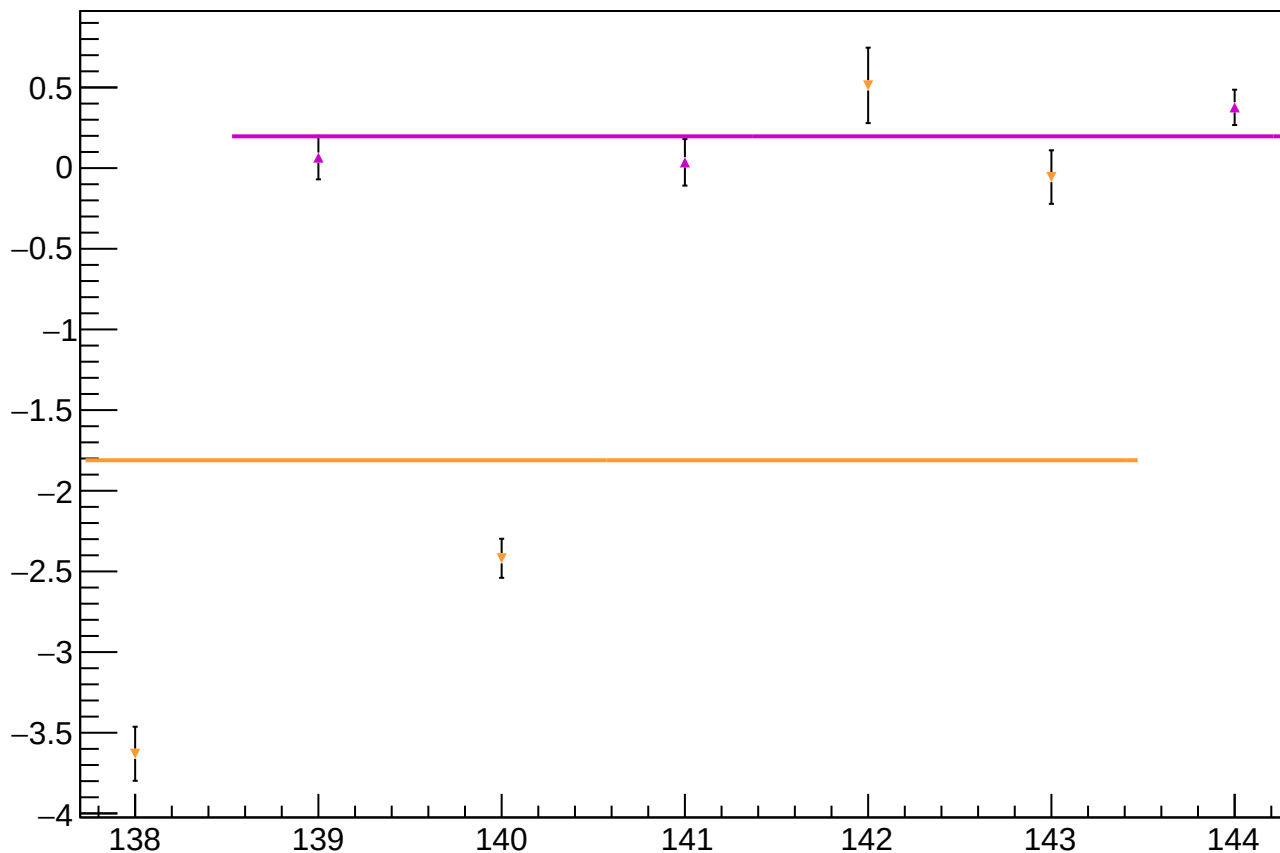
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.209 $\pm$ 0.009 χ^2 /NDF:59.4/2

Out: -0.240 $\pm$ 0.010 χ^2 /NDF:17.3/3

All: -0.223 $\pm$ 0.007 χ^2 /NDF: 82.6/6

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.811+/-0.079 χ^2/NDF :353.8/3

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: -0.725+/-0.054 χ^2/NDF : 704.2/6

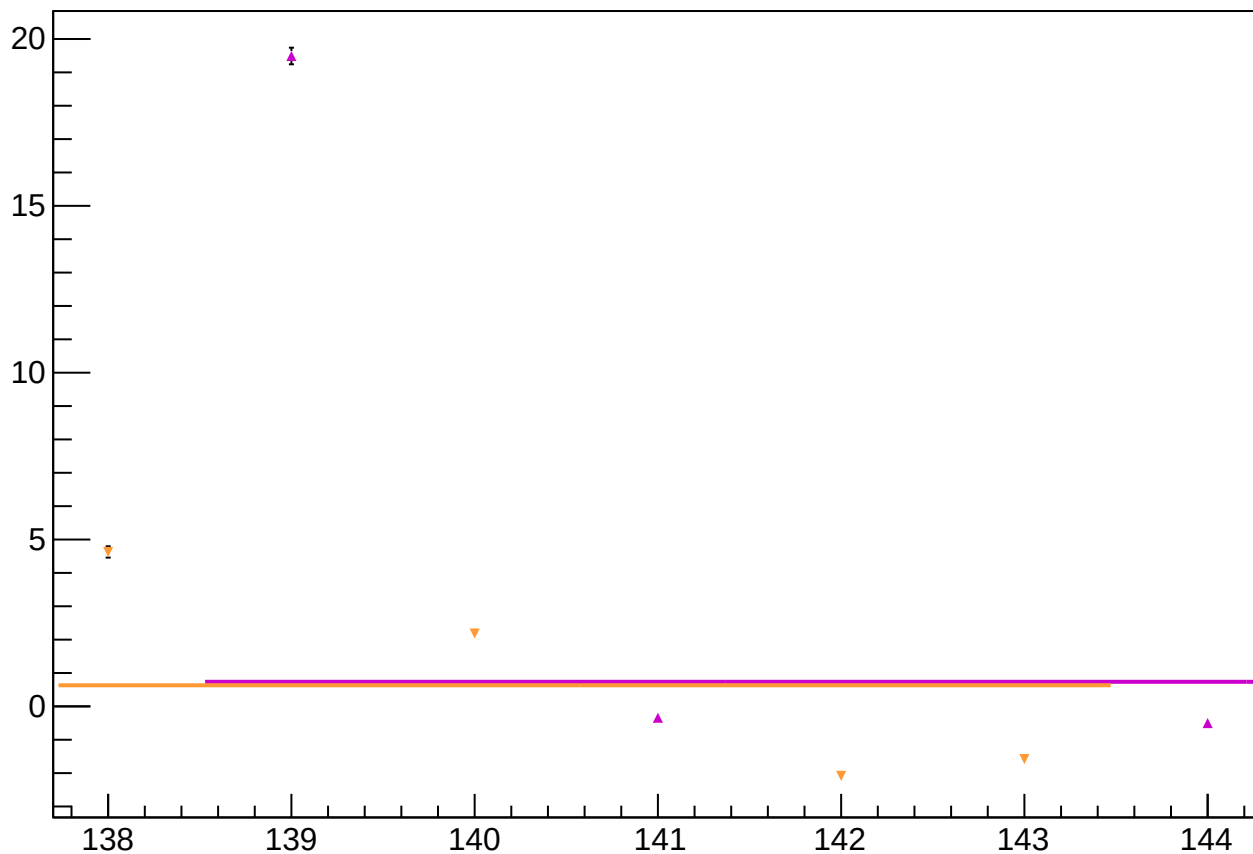
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.197+/-0.073 χ^2/NDF :4.9/2

Out: -1.811+/-0.079 χ^2/NDF :353.8/3

All: -0.725+/-0.054 χ^2/NDF : 704.2/6

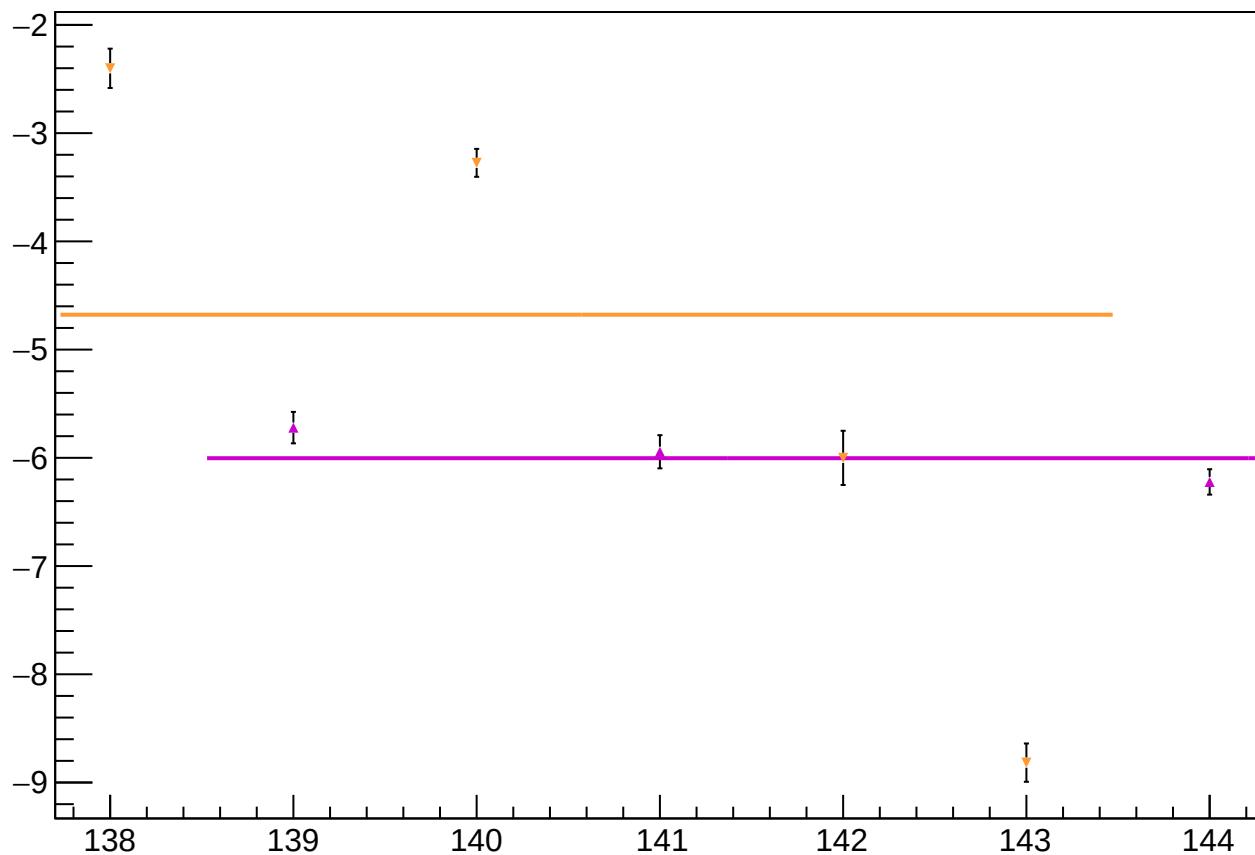
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.632+/-0.062 χ^2/NDF :1510.9/3
 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: 0.686+/-0.043 χ^2/NDF : 7533.7/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.737+/-0.061 χ^2/NDF :6021.4/2
 Out: 0.632+/-0.062 χ^2/NDF :1510.9/3
 All: 0.686+/-0.043 χ^2/NDF : 7533.7/6

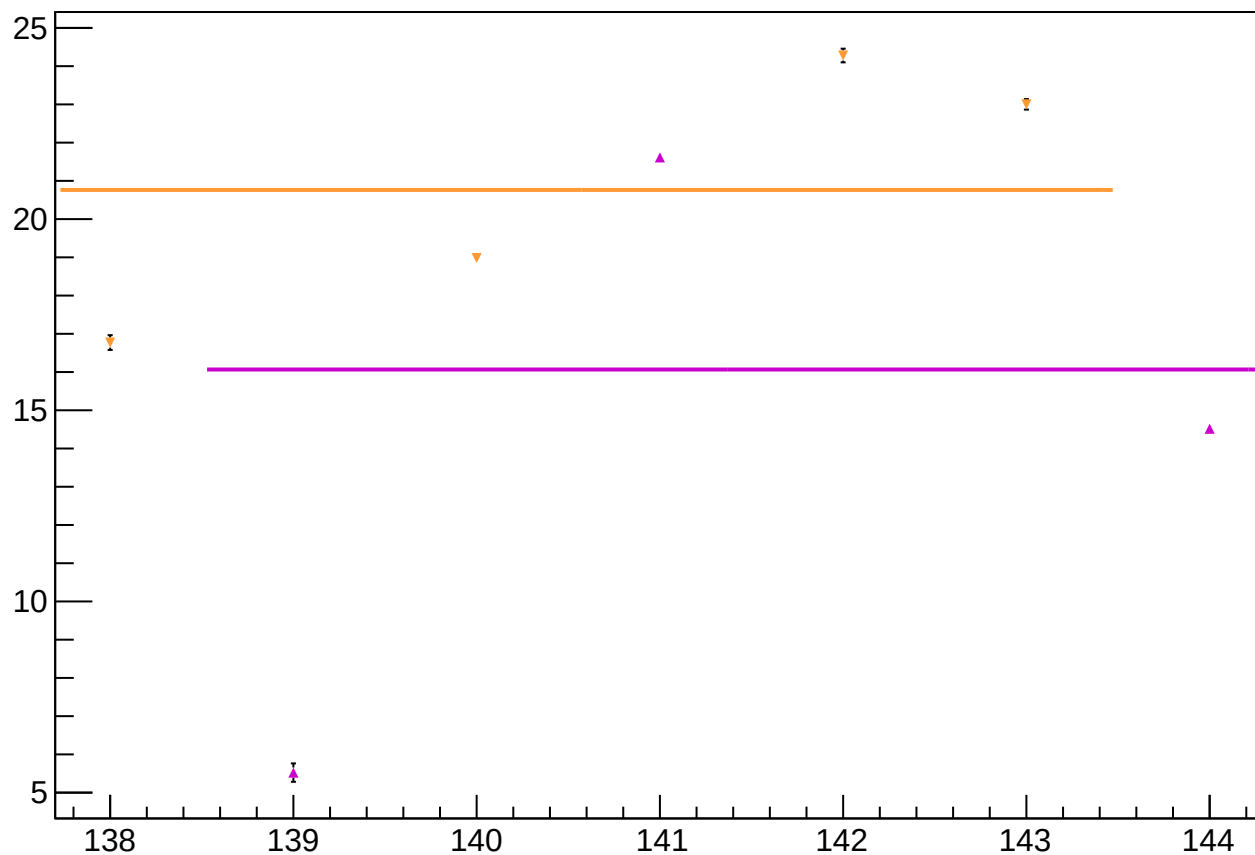
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.678+/-0.085 χ^2/NDF :850.2/3
 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: -5.394+/-0.058 χ^2/NDF : 989.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.004+/-0.078 χ^2/NDF :7.4/2
 Out: -4.678+/-0.085 χ^2/NDF :850.2/3
 All: -5.394+/-0.058 χ^2/NDF : 989.0/6

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 20.764 $\pm$ 0.075 χ^2 /NDF:1297.2/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 16.066 $\pm$ 0.071 χ^2 /NDF:4208.8/2

Left: 18.298 $\pm$ 0.051 χ^2 /NDF: 7587.9/6

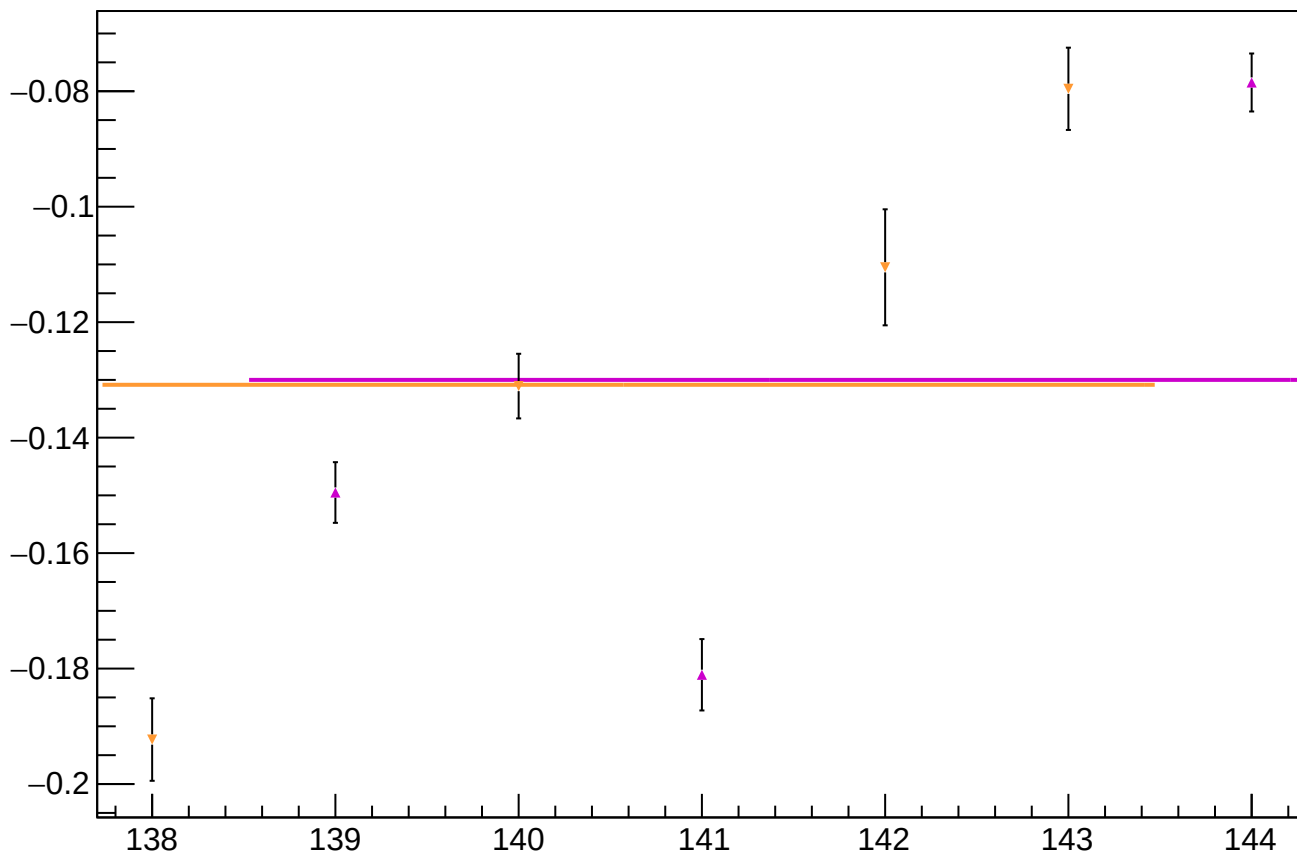
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 16.066 $\pm$ 0.071 χ^2 /NDF:4208.8/2

Out: 20.764 $\pm$ 0.075 χ^2 /NDF:1297.2/3

All: 18.298 $\pm$ 0.051 χ^2 /NDF: 7587.9/6

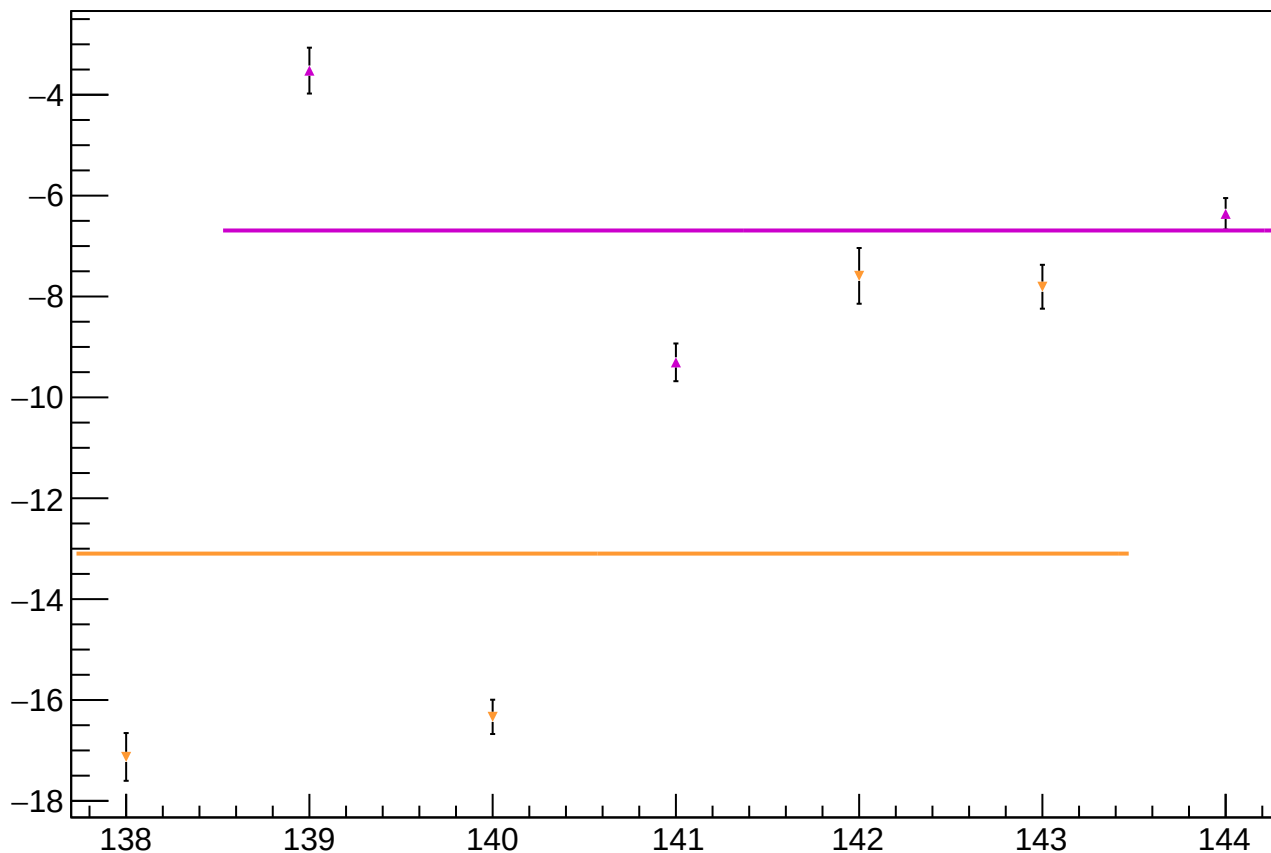
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.131+/-0.004 χ^2 /NDF:129.9/3
 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: -0.130+/-0.002 χ^2 /NDF: 317.2/6
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -0.130+/-0.003 χ^2 /NDF:187.3/2
 Out: -0.131+/-0.004 χ^2 /NDF:129.9/3
 All: -0.130+/-0.002 χ^2 /NDF: 317.2/6

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.097+/-0.215 χ^2/NDF :410.2/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.691+/-0.212 χ^2/NDF :98.6/2

Left: -9.855+/-0.151 χ^2/NDF : 958.8/6

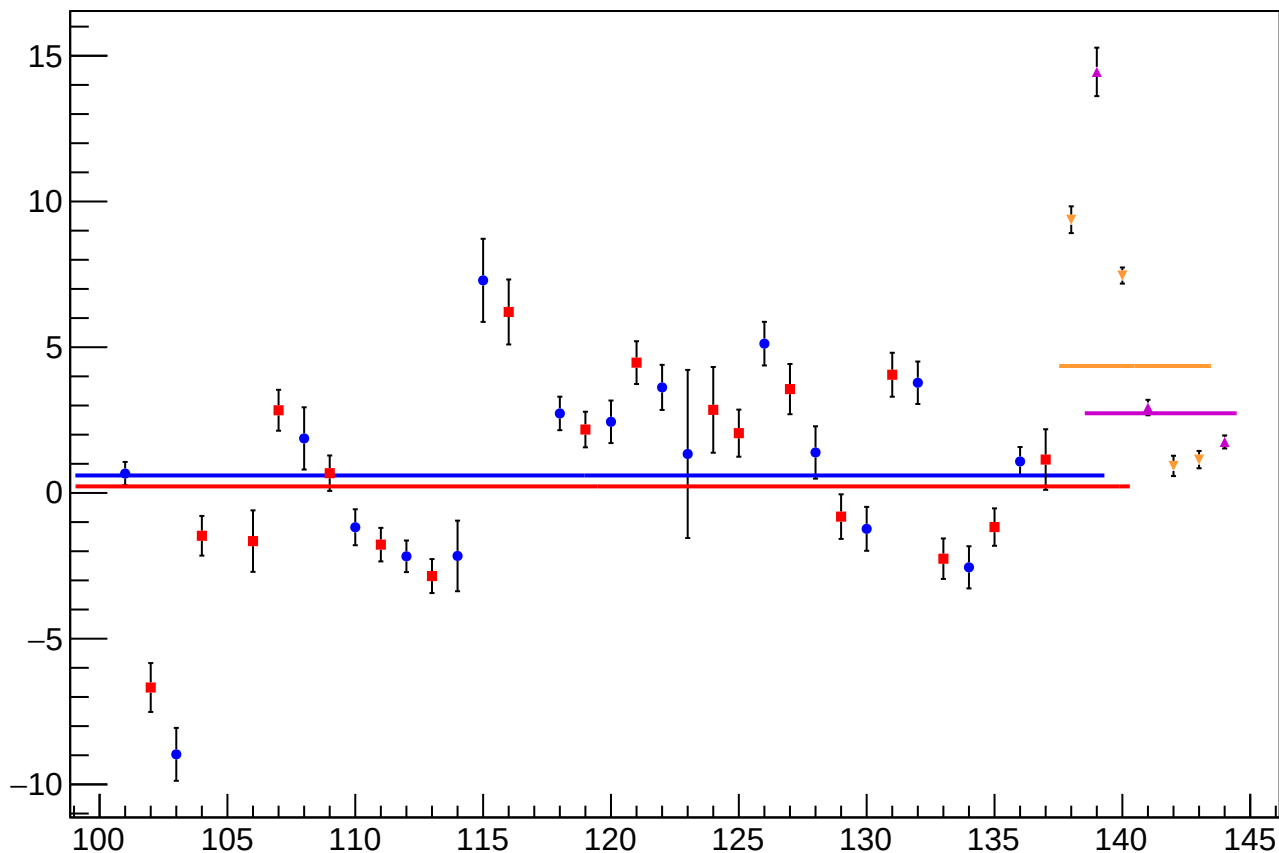
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.691+/-0.212 χ^2/NDF :98.6/2

Out: -13.097+/-0.215 χ^2/NDF :410.2/3

All: -9.855+/-0.151 χ^2/NDF : 958.8/6

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: 4.355 $\pm$ 0.164 χ^2 /NDF:458.8/3

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: 3.563 $\pm$ 0.117 χ^2 /NDF: 725.1/6

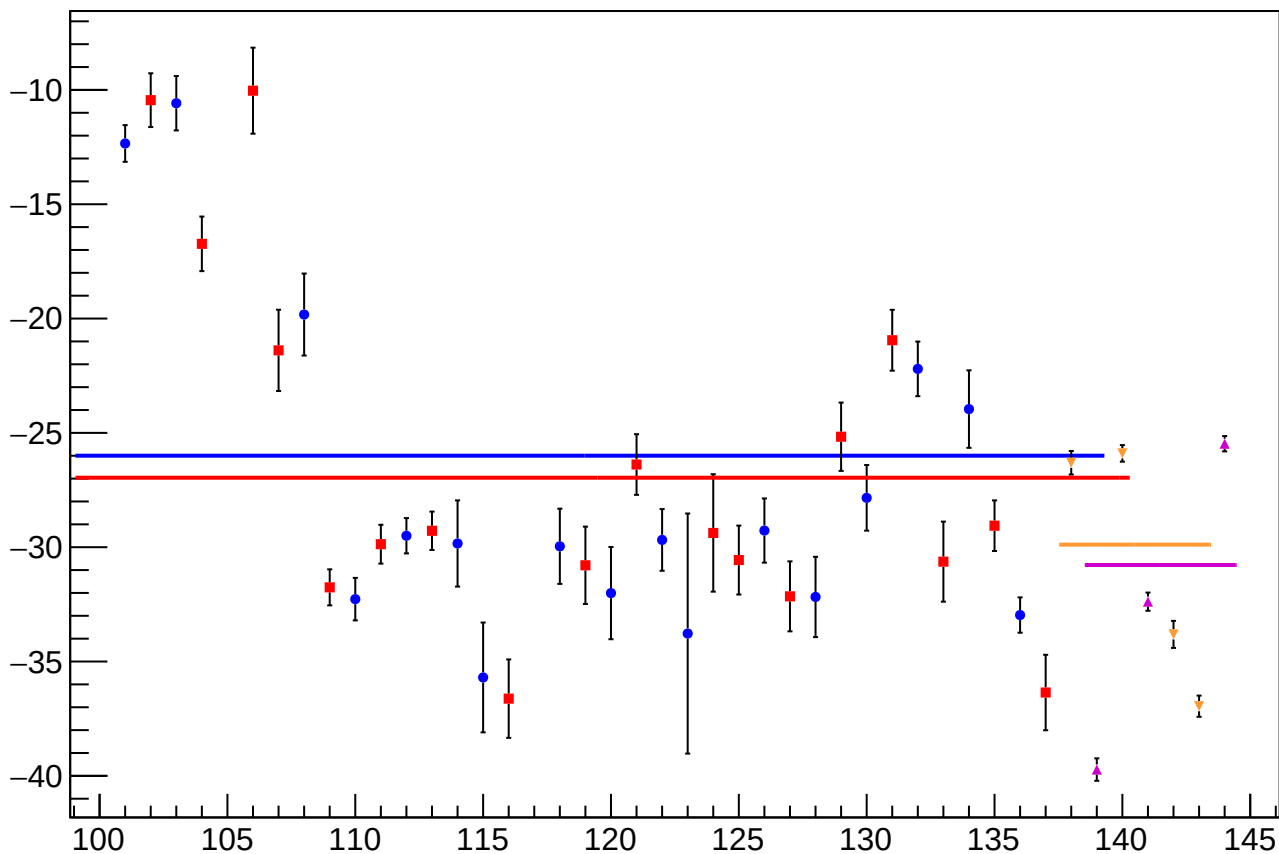
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 1.679 $\pm$ 0.119 χ^2 /NDF:590.7/19

Out: 2.426 $\pm$ 0.119 χ^2 /NDF:1029.6/21

All: 2.051 $\pm$ 0.084 χ^2 /NDF: 1639.9/41

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: -29.888 ± 0.230 χ^2/NDF : 446.1/3

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: -30.339 ± 0.162 χ^2/NDF : 1051.8/6

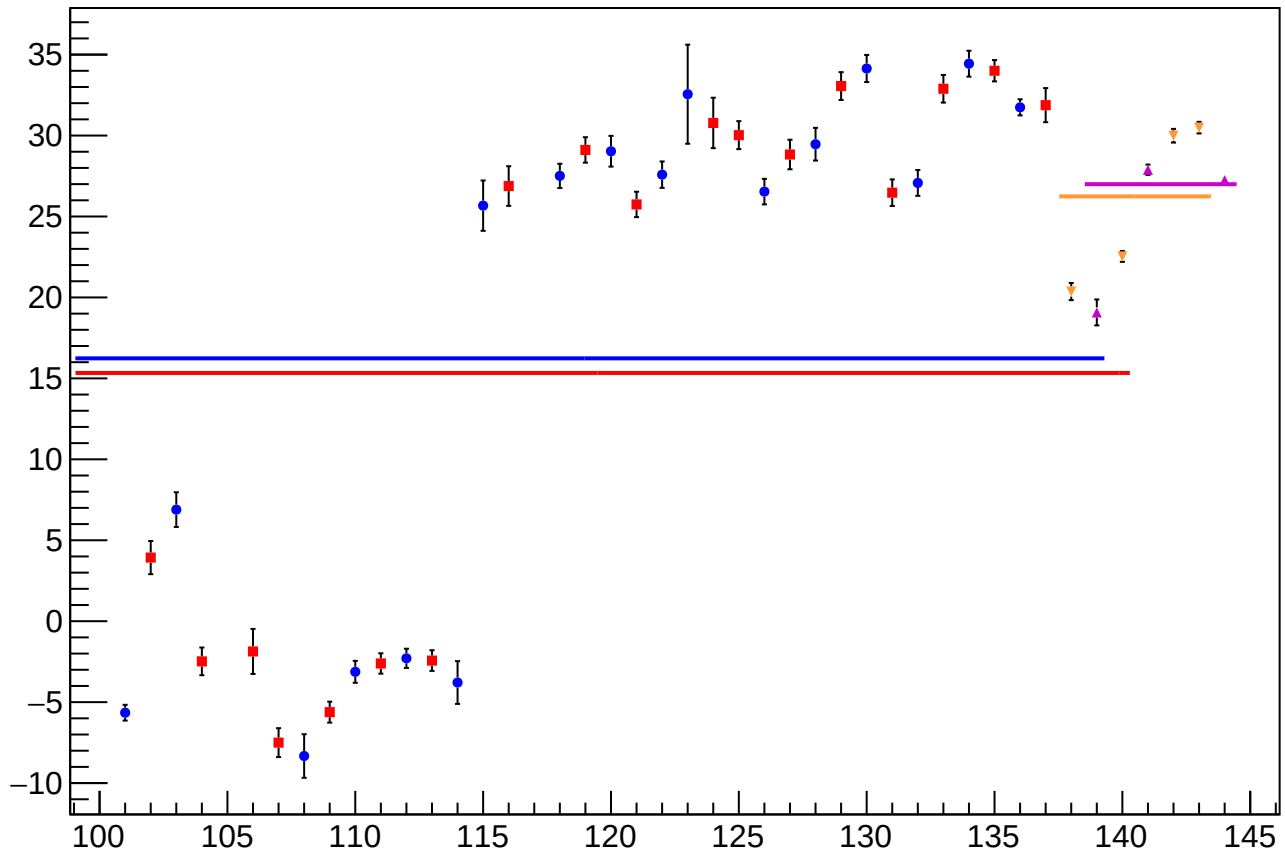
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -29.037 ± 0.181 χ^2/NDF : 1452.0/19

Out: -28.797 ± 0.182 χ^2/NDF : 1042.0/21

All: -28.917 ± 0.128 χ^2/NDF : 2494.8/41

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: 26.240 $\pm$ 0.196 χ^2 /NDF:465.5/3

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: 26.615 $\pm$ 0.139 χ^2 /NDF: 579.2/6

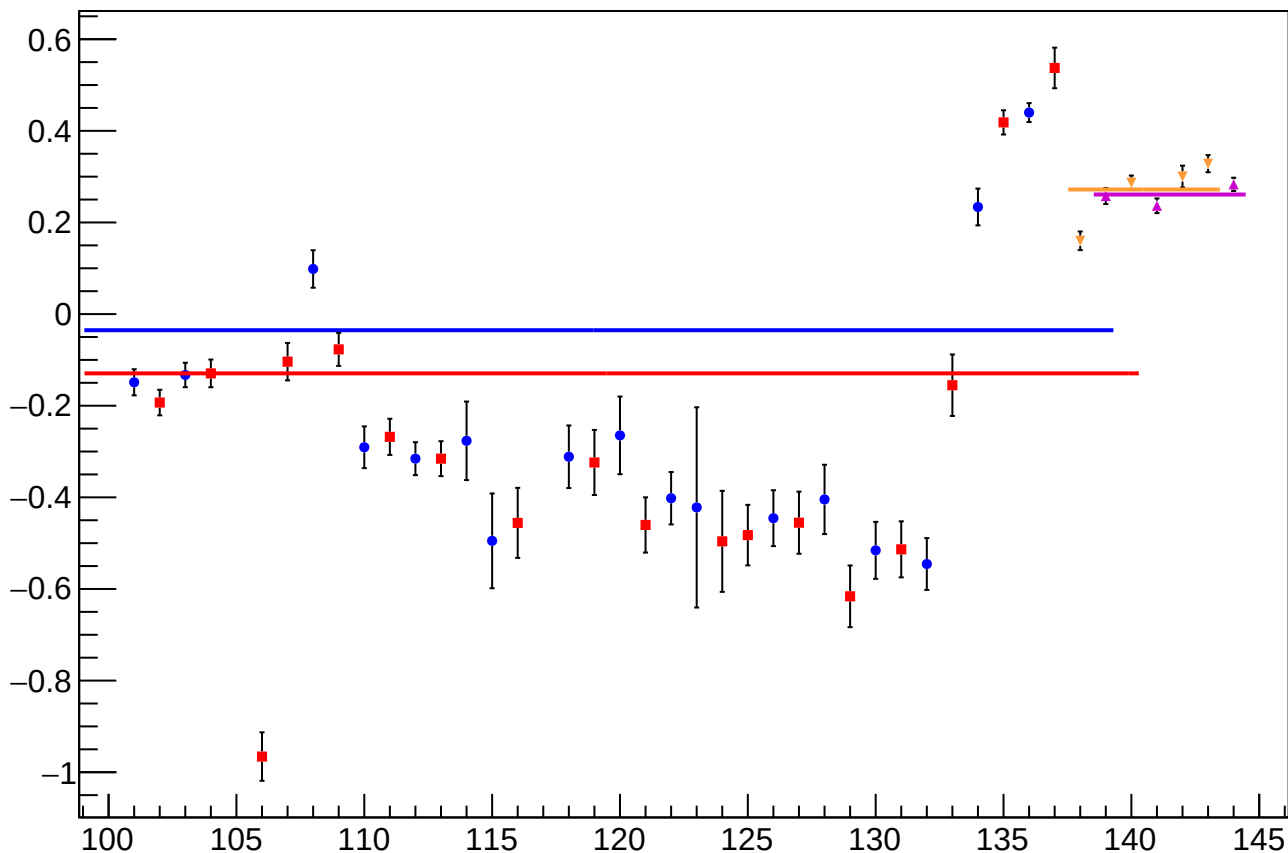
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 21.445 $\pm$ 0.137 χ^2 /NDF:9215.8/19

Out: 20.808 $\pm$ 0.139 χ^2 /NDF:9260.4/21

All: 21.130 $\pm$ 0.098 χ^2 /NDF: 18486.8/41

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: 0.272 ± 0.009 χ^2/NDF : 41.7/3

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: 0.266 ± 0.007 χ^2/NDF : 47.1/6

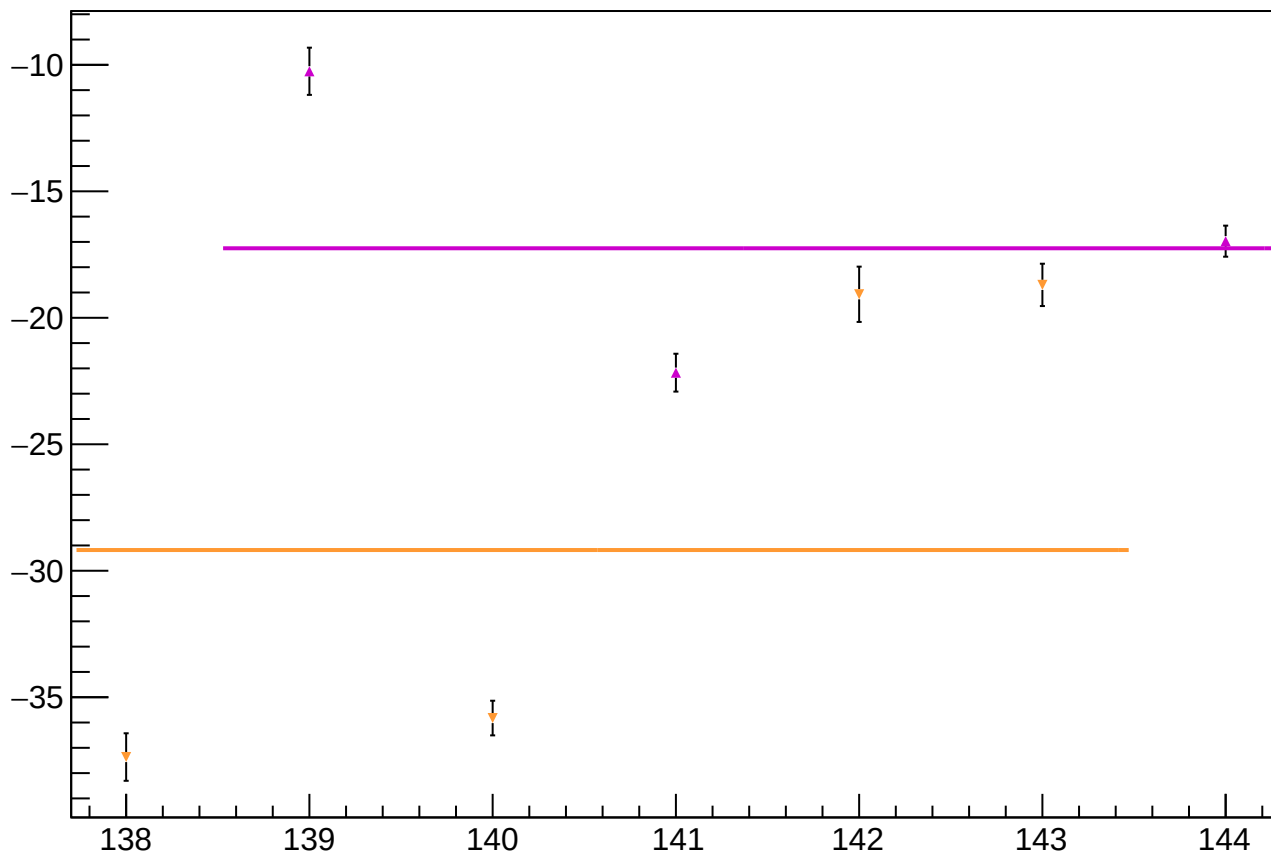
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.130 ± 0.007 χ^2/NDF : 1479.1/19

Out: 0.089 ± 0.007 χ^2/NDF : 2016.2/21

All: 0.110 ± 0.005 χ^2/NDF : 3513.0/41

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: -29.181+/-0.425 χ^2/NDF :412.5/3

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: -23.186+/-0.300 χ^2/NDF : 907.7/6

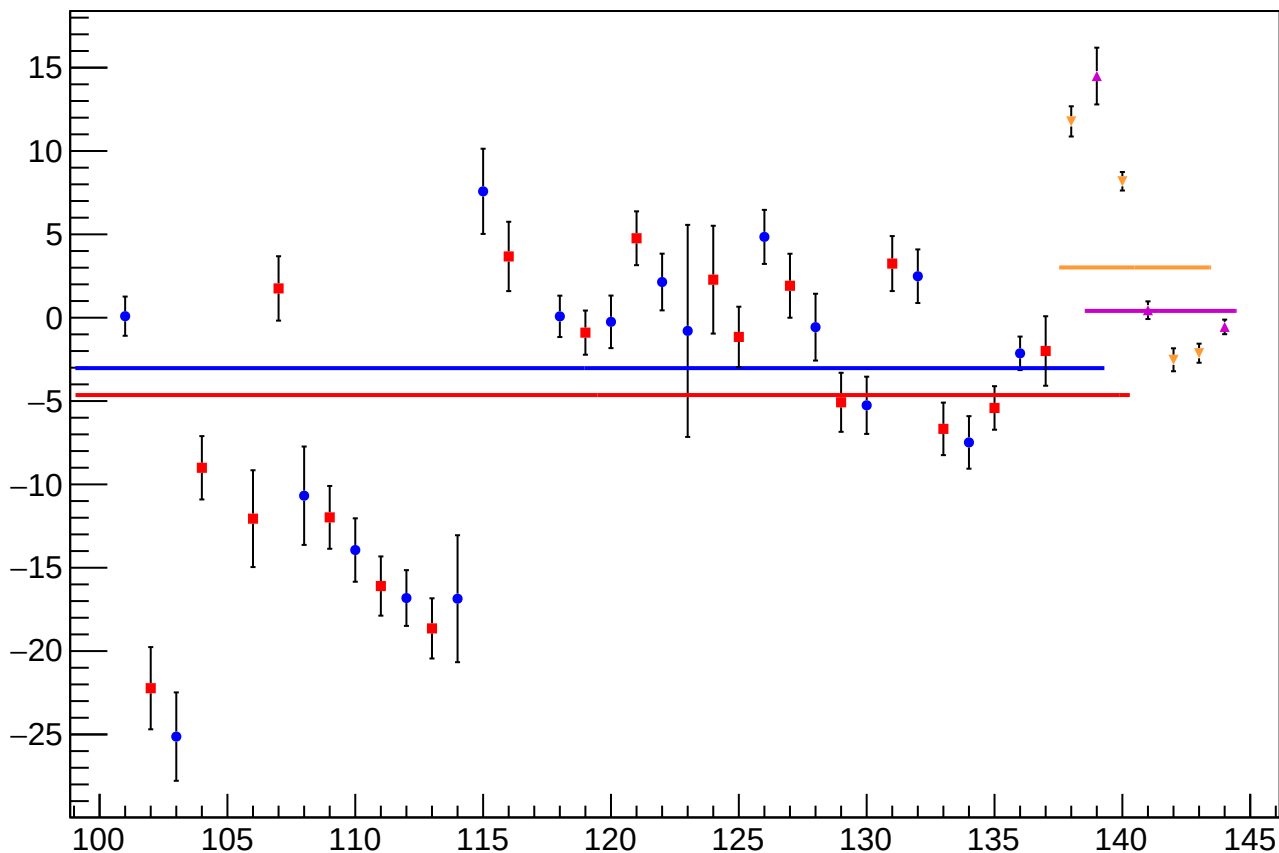
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.252+/-0.423 χ^2/NDF :99.6/2

Out: -29.181+/-0.425 χ^2/NDF :412.5/3

All: -23.186+/-0.300 χ^2/NDF : 907.7/6

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 3.015 ± 0.322 χ^2/NDF : 325.8/3

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 0.407 ± 0.331 χ^2/NDF : 73.3/2

Left: 1.746 ± 0.231 χ^2/NDF : 431.0/6

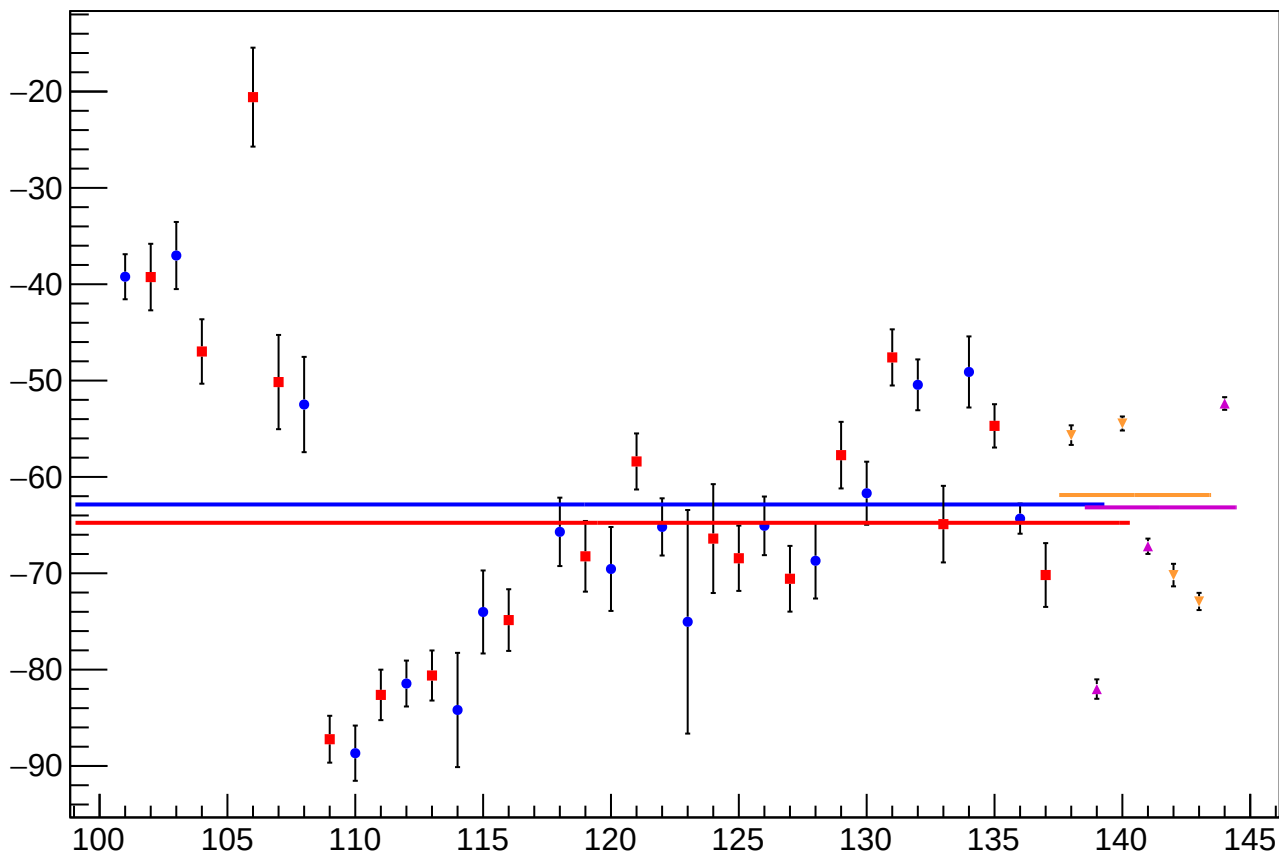
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -0.955 ± 0.257 χ^2/NDF : 396.6/19

Out: 0.234 ± 0.257 χ^2/NDF : 825.7/21

All: -0.361 ± 0.182 χ^2/NDF : 1233.0/41

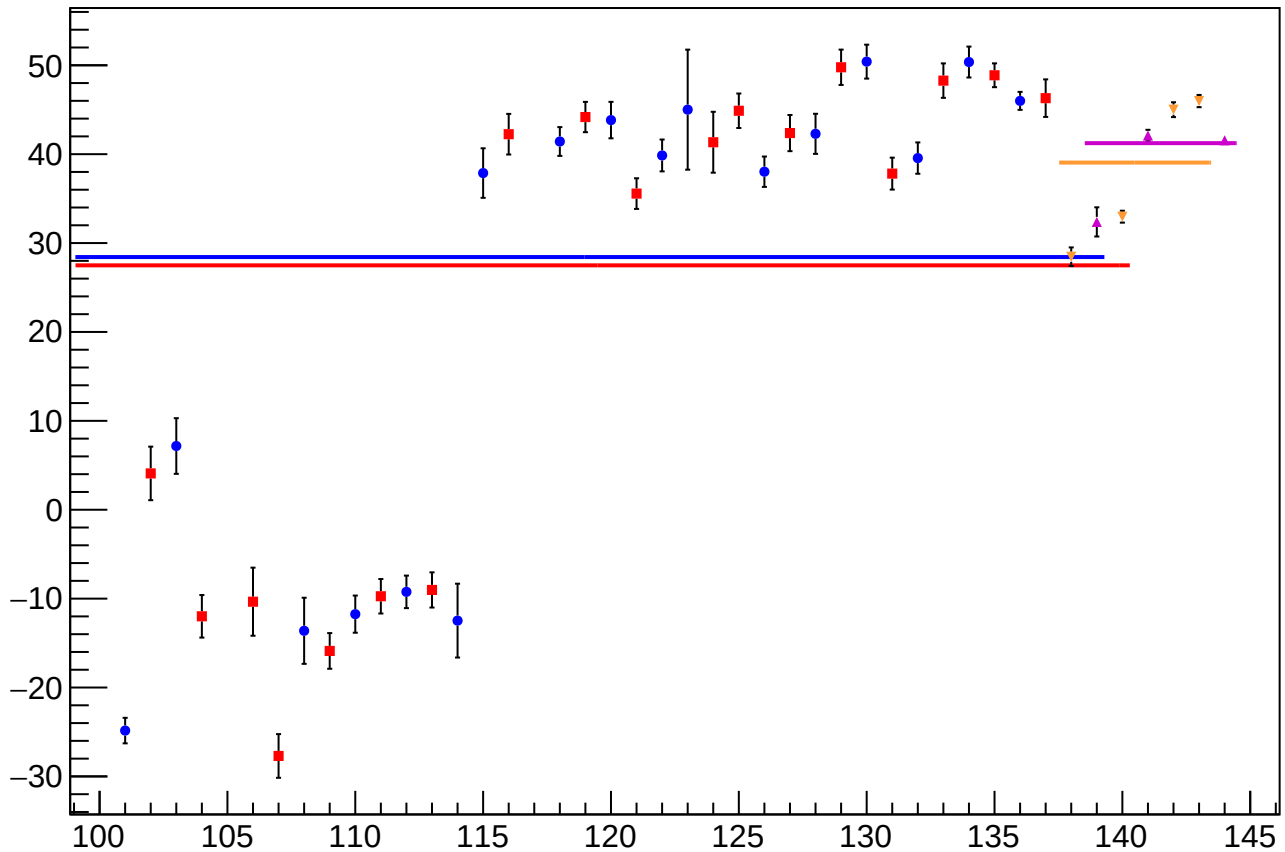
reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -62.521 ± 0.321 χ^2/NDF : 992.9/6
 Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34
 In: -63.078 ± 0.386 χ^2/NDF : 1012.0/19
 Out: -62.648 ± 0.389 χ^2/NDF : 771.6/21
 All: -62.865 ± 0.274 χ^2/NDF : 1784.2/41

Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16
 Left Out: -61.877 ± 0.455 χ^2/NDF : 344.7/3
 Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17
 Left In: -63.160 ± 0.453 χ^2/NDF : 644.2/2

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 39.054 $\pm$ 0.387 χ^2 /NDF:336.1/3

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 41.240 $\pm$ 0.391 χ^2 /NDF:31.3/2

Left: 40.135 $\pm$ 0.275 χ^2 /NDF: 383.2/6

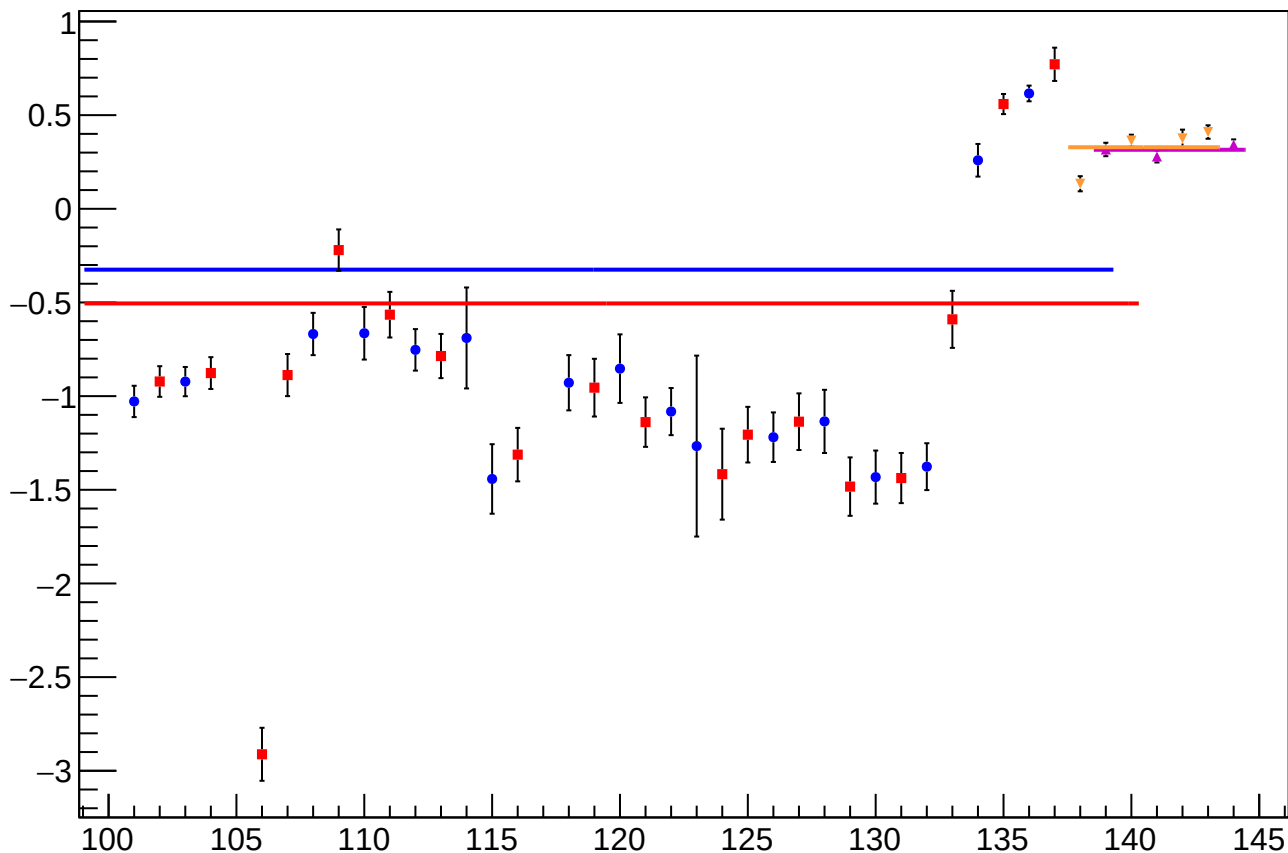
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 35.830 $\pm$ 0.297 χ^2 /NDF:3806.4/19

Out: 34.482 $\pm$ 0.301 χ^2 /NDF:3716.4/21

All: 35.164 $\pm$ 0.212 χ^2 /NDF: 7533.0/41

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: 0.329 ± 0.019 χ^2/NDF : 30.6/3

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: 0.322 ± 0.013 χ^2/NDF : 33.0/6

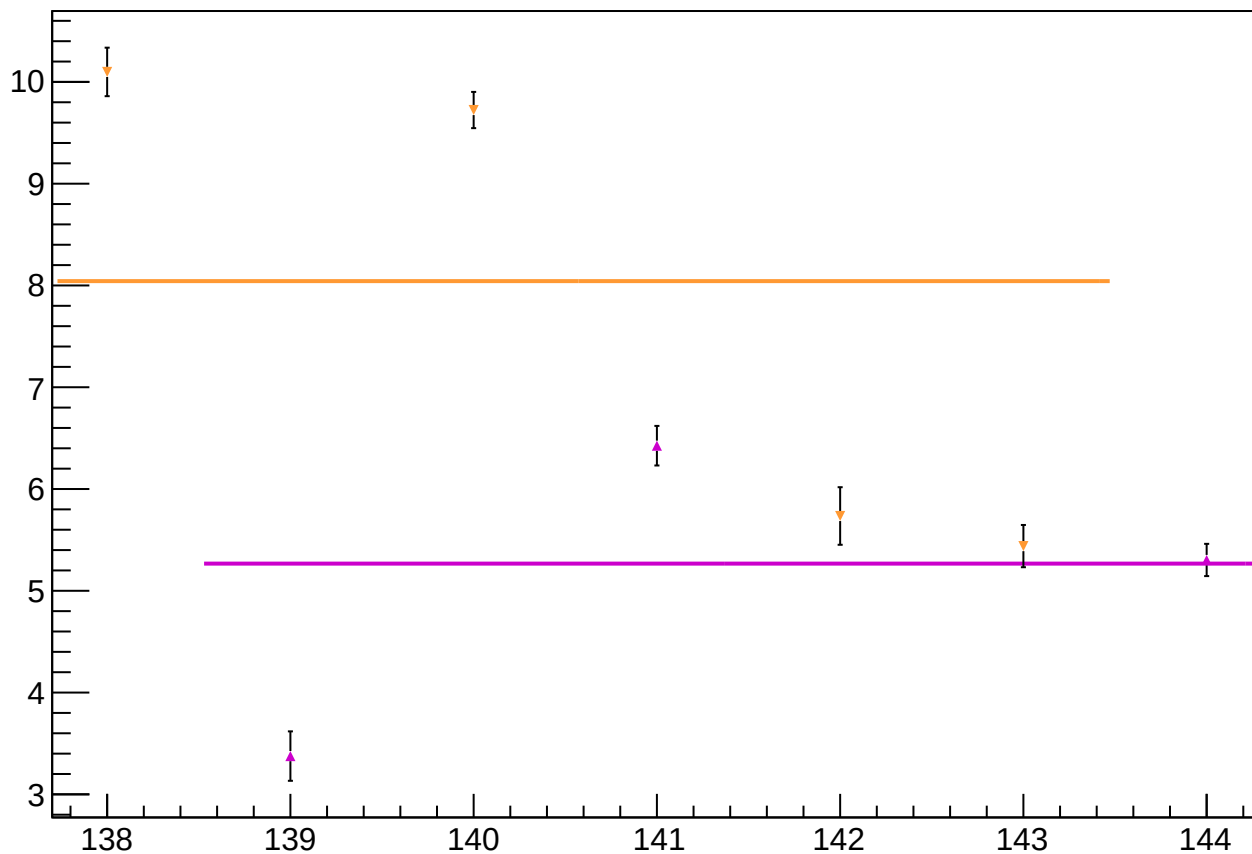
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.091 ± 0.015 χ^2/NDF : 1442.2/19

Out: 0.039 ± 0.015 χ^2/NDF : 1877.2/21

All: 0.066 ± 0.011 χ^2/NDF : 3325.3/41

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: 8.043+/-0.109 χ^2/NDF :387.4/3

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: 6.668+/-0.077 χ^2/NDF : 807.3/6

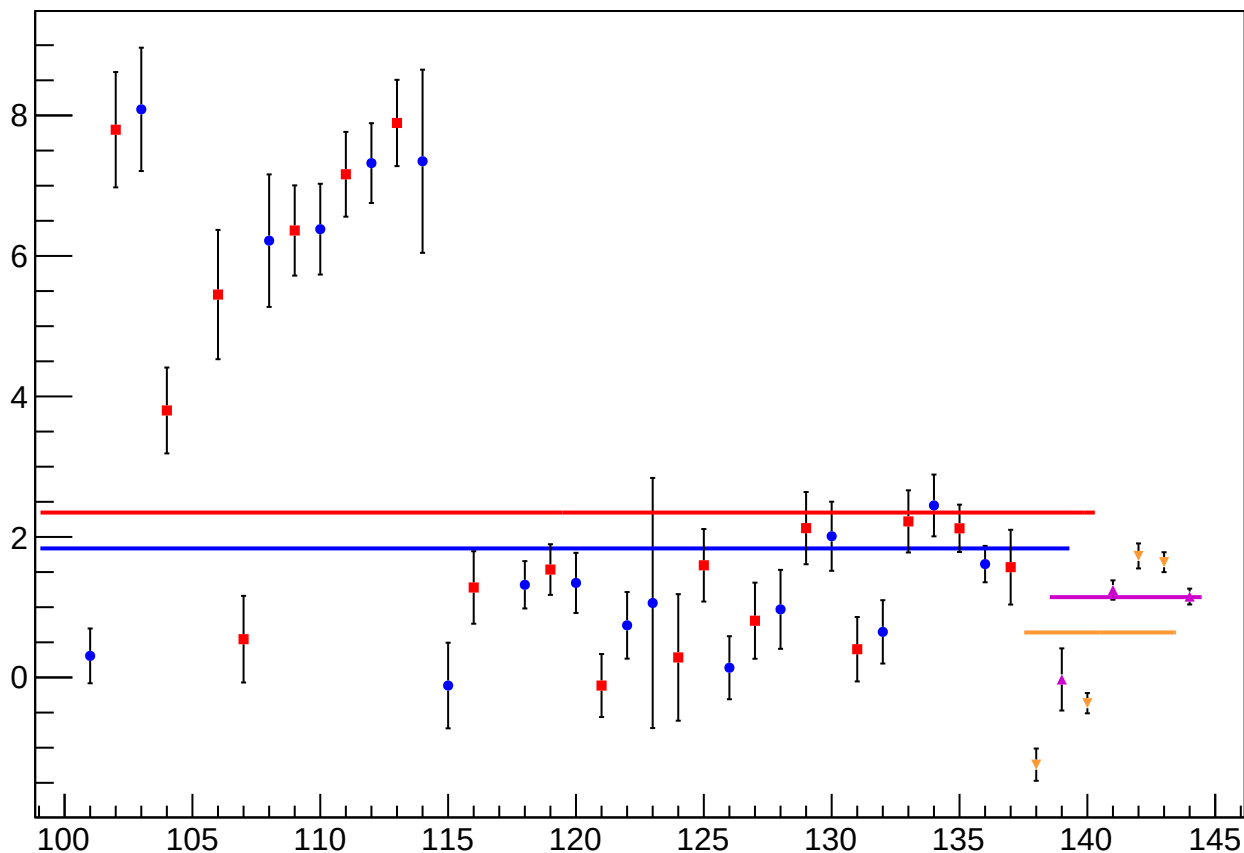
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.267+/-0.110 χ^2/NDF :96.2/2

Out: 8.043+/-0.109 χ^2/NDF :387.4/3

All: 6.668+/-0.077 χ^2/NDF : 807.3/6

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 0.640 $\pm$ 0.082 χ^2 /NDF:203.1/3

Right Out: 2.347 $\pm$ 0.123 χ^2 /NDF: 329.8/17

Left In: 1.143 $\pm$ 0.086 χ^2 /NDF:7.6/2

Left: 0.881 $\pm$ 0.059 χ^2 /NDF: 228.6/6

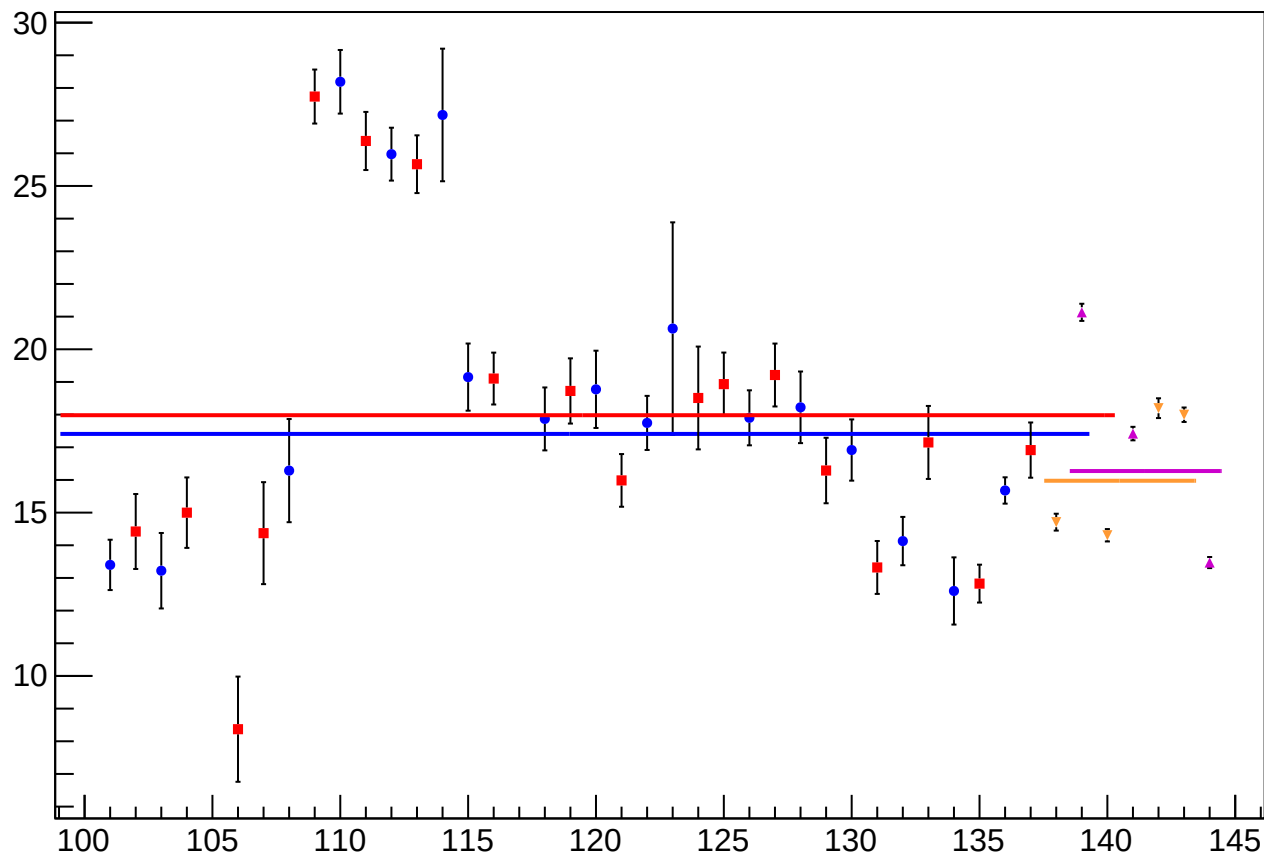
Right: 2.078 $\pm$ 0.084 χ^2 /NDF: 633.0/34

In: 1.387 $\pm$ 0.069 χ^2 /NDF:324.7/19

Out: 1.169 $\pm$ 0.068 χ^2 /NDF:666.7/21

All: 1.277 $\pm$ 0.048 χ^2 /NDF: 996.5/41

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: 15.976 $\pm$ 0.116 χ^2 /NDF:238.8/3

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: 16.123 $\pm$ 0.083 χ^2 /NDF: 887.9/6

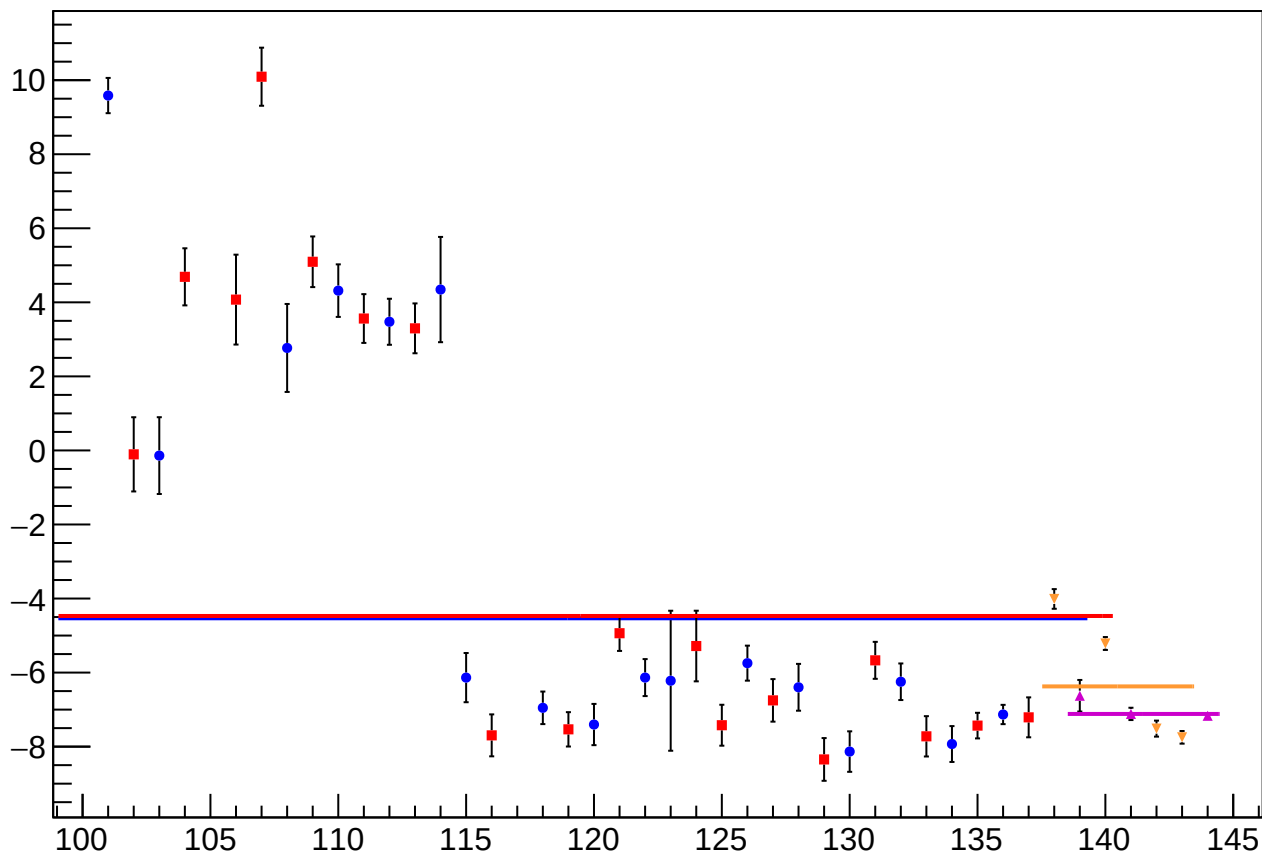
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.539 $\pm$ 0.103 χ^2 /NDF:1033.0/19

Out: 16.415 $\pm$ 0.103 χ^2 /NDF:794.9/21

All: 16.477 $\pm$ 0.073 χ^2 /NDF: 1828.6/41

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.373 ± 0.099 χ^2/NDF : 215.9/3

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: -6.736 ± 0.071 χ^2/NDF : 245.0/6

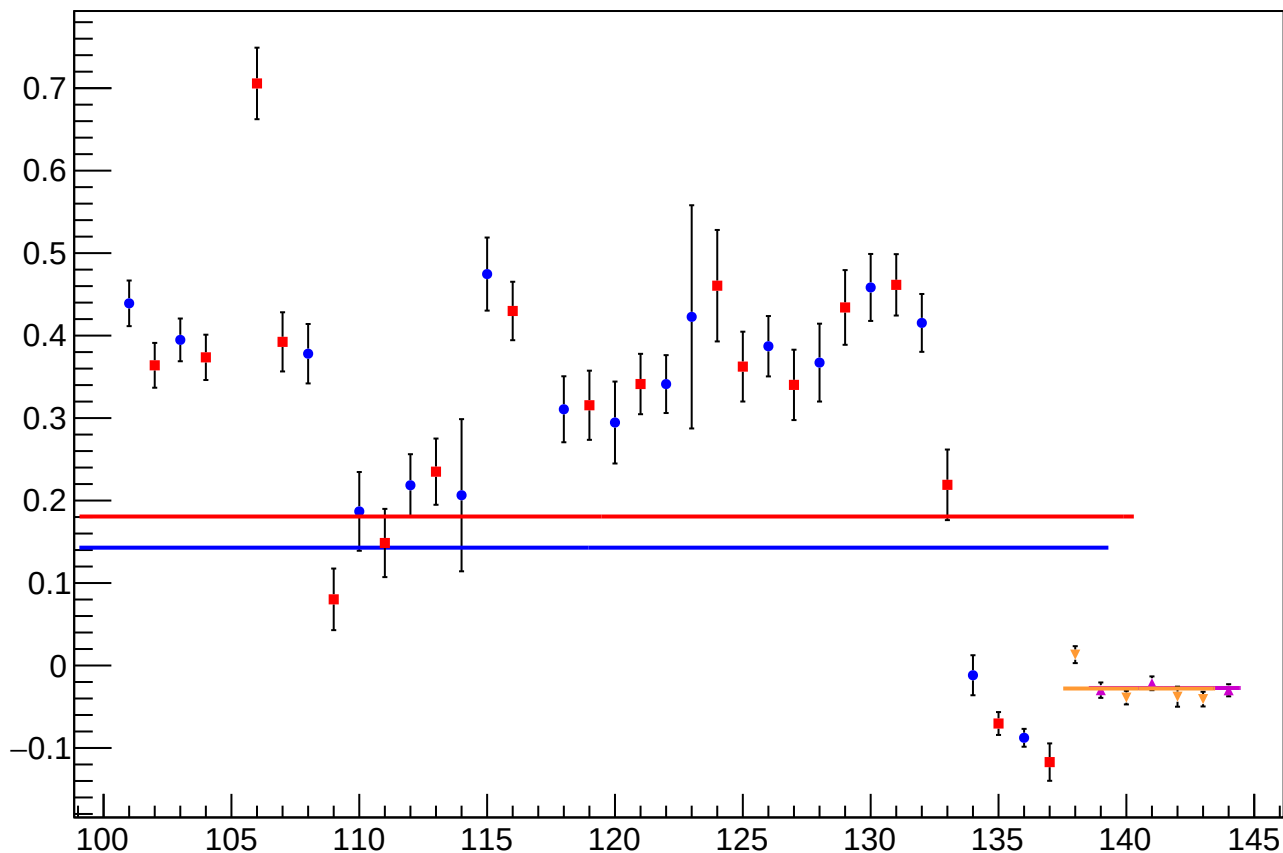
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.138 ± 0.080 χ^2/NDF : 1836.6/19

Out: -5.723 ± 0.080 χ^2/NDF : 1682.2/21

All: -5.931 ± 0.057 χ^2/NDF : 3532.3/41

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: -0.028 ± 0.005 $\chi^2/\text{NDF}: 20.5/3$

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: -0.028 ± 0.003 $\chi^2/\text{NDF}: 21.2/6$

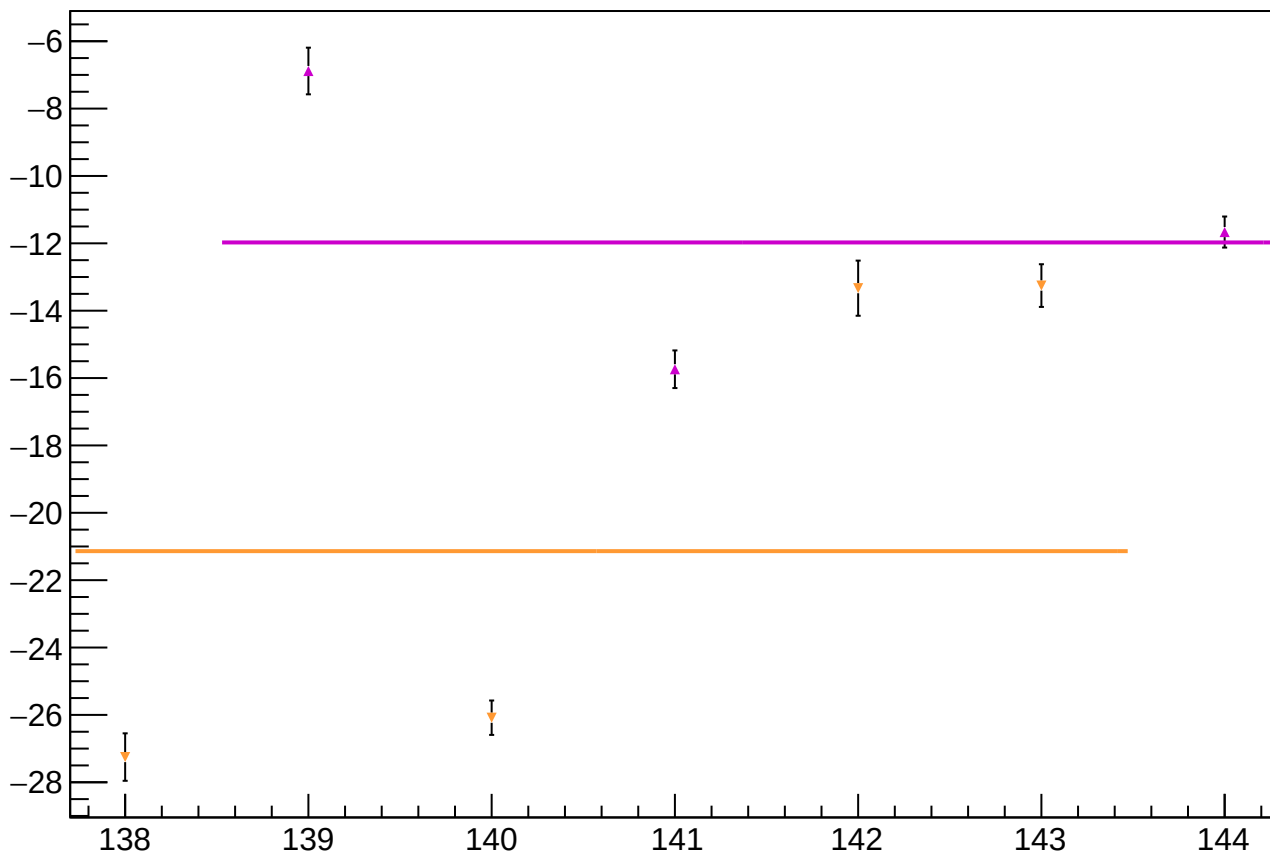
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.026 ± 0.004 $\chi^2/\text{NDF}: 1459.8/19$

Out: 0.034 ± 0.004 $\chi^2/\text{NDF}: 1583.0/21$

All: 0.030 ± 0.003 $\chi^2/\text{NDF}: 3044.9/41$

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: -21.138+/-0.319 χ^2/NDF :414.8/3

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: -16.518+/-0.225 χ^2/NDF : 931.0/6

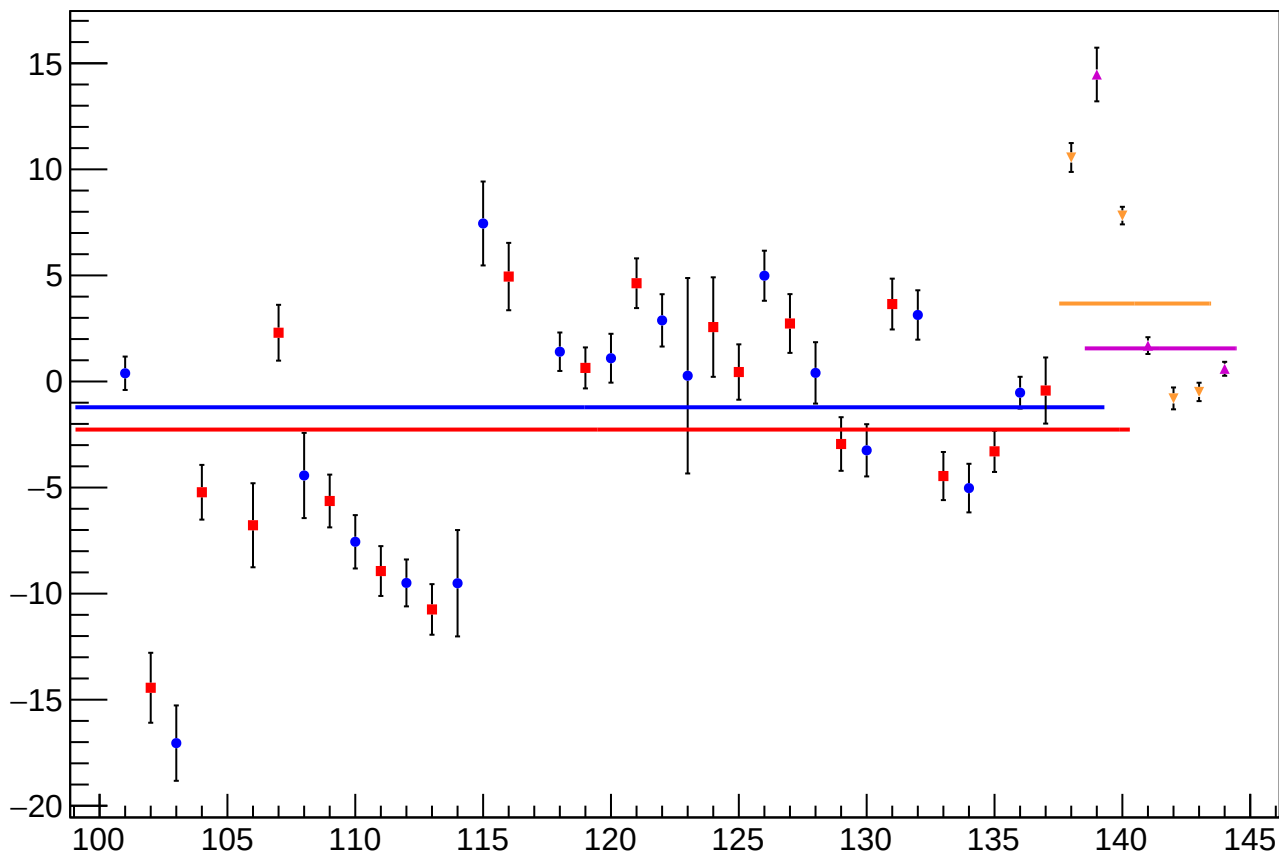
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.974+/-0.316 χ^2/NDF :99.8/2

Out: -21.138+/-0.319 χ^2/NDF :414.8/3

All: -16.518+/-0.225 χ^2/NDF : 931.0/6

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: 3.674 ± 0.242 χ^2/NDF : 370.1/3

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: 2.643 ± 0.173 χ^2/NDF : 520.2/6

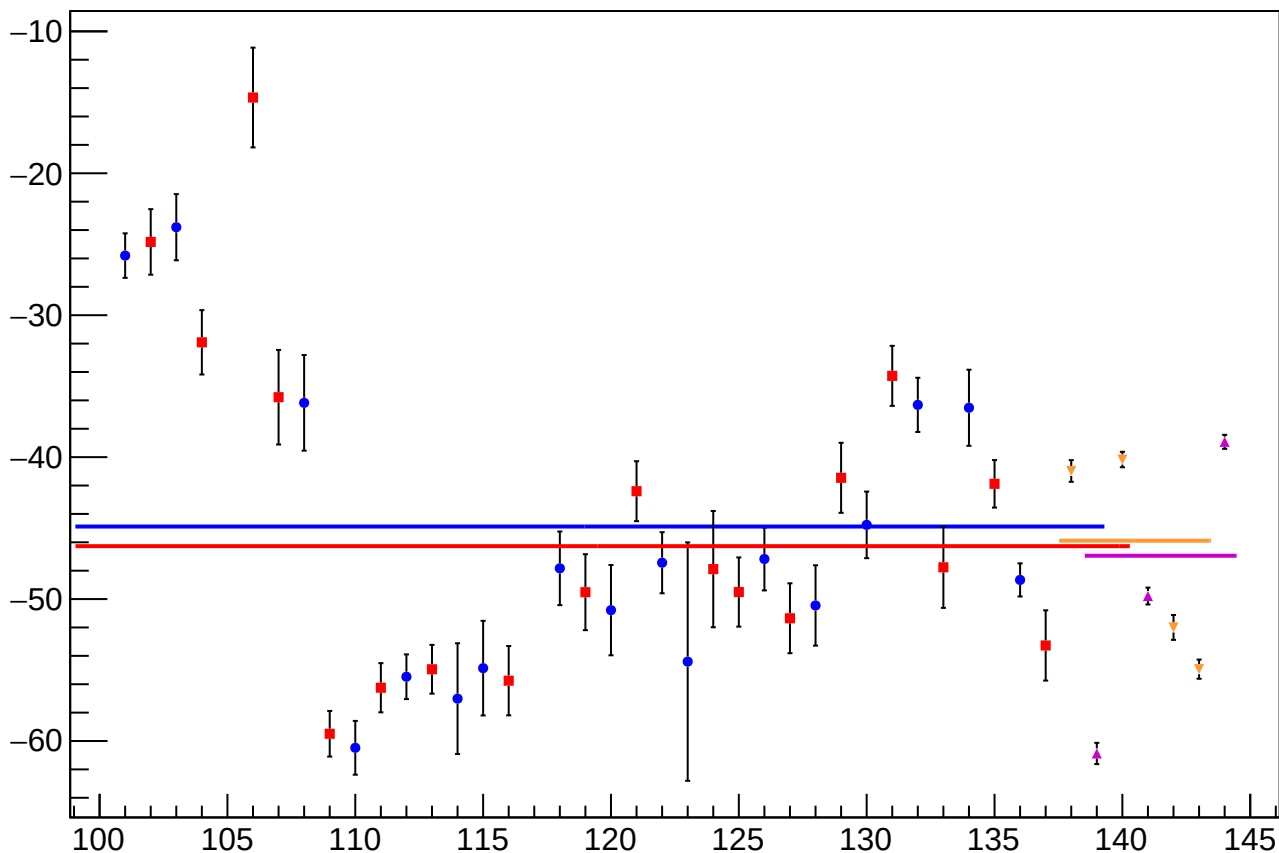
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.390 ± 0.189 χ^2/NDF : 444.4/19

Out: 1.355 ± 0.189 χ^2/NDF : 889.2/21

All: 0.872 ± 0.133 χ^2/NDF : 1346.7/41

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -45.888 ± 0.341 $\chi^2/\text{NDF}: 380.1/3$

Right Out: -46.272 ± 0.530 $\chi^2/\text{NDF}: 420.5/17$

Left In: -46.946 ± 0.339 $\chi^2/\text{NDF}: 633.3/2$

Left: -46.421 ± 0.240 $\chi^2/\text{NDF}: 1018.2/6$

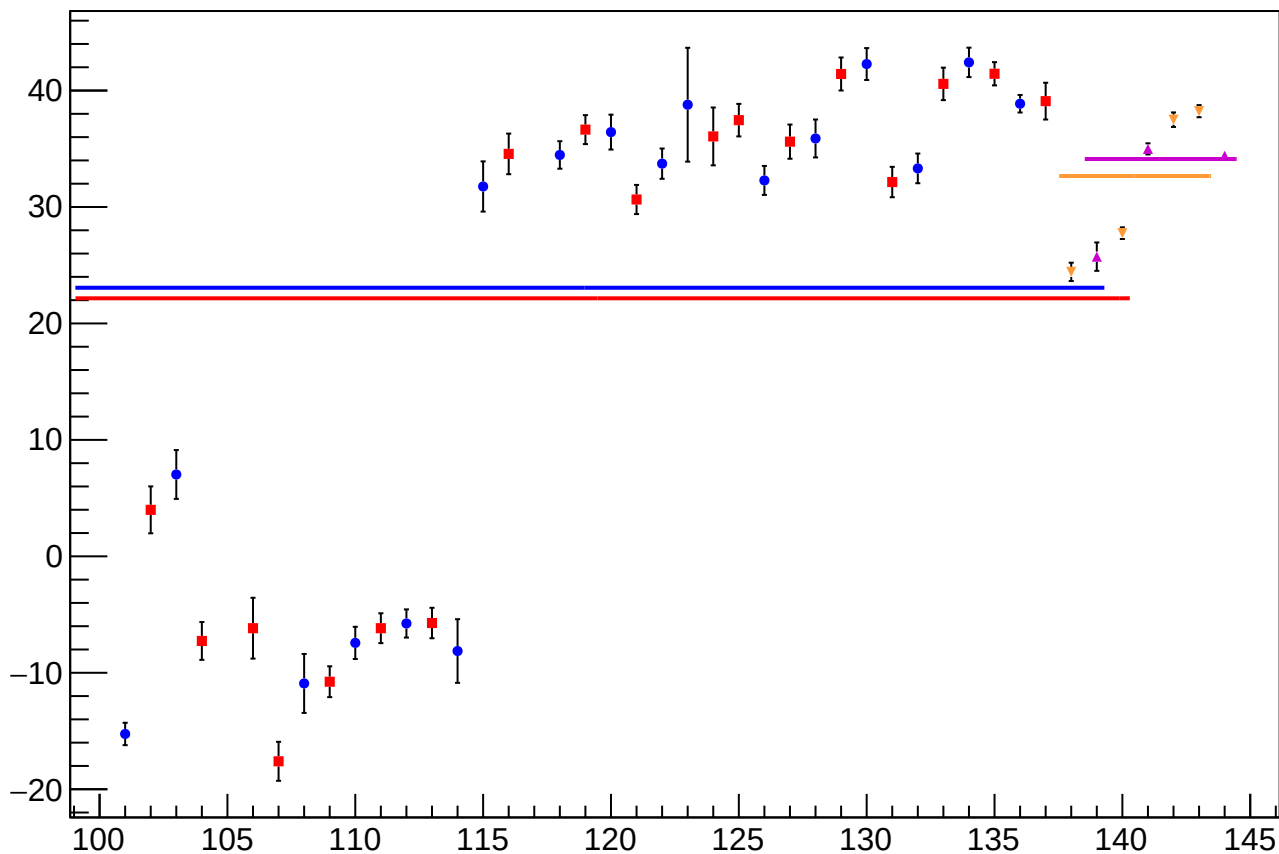
Right: -45.572 ± 0.372 $\chi^2/\text{NDF}: 844.4/34$

In: -46.339 ± 0.284 $\chi^2/\text{NDF}: 1064.6/19$

Out: -46.001 ± 0.287 $\chi^2/\text{NDF}: 801.0/21$

All: -46.171 ± 0.202 $\chi^2/\text{NDF}: 1866.3/41$

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: 32.659 $\pm$ 0.291 χ^2 /NDF:379.2/3

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: 33.384 $\pm$ 0.206 χ^2 /NDF: 442.9/6

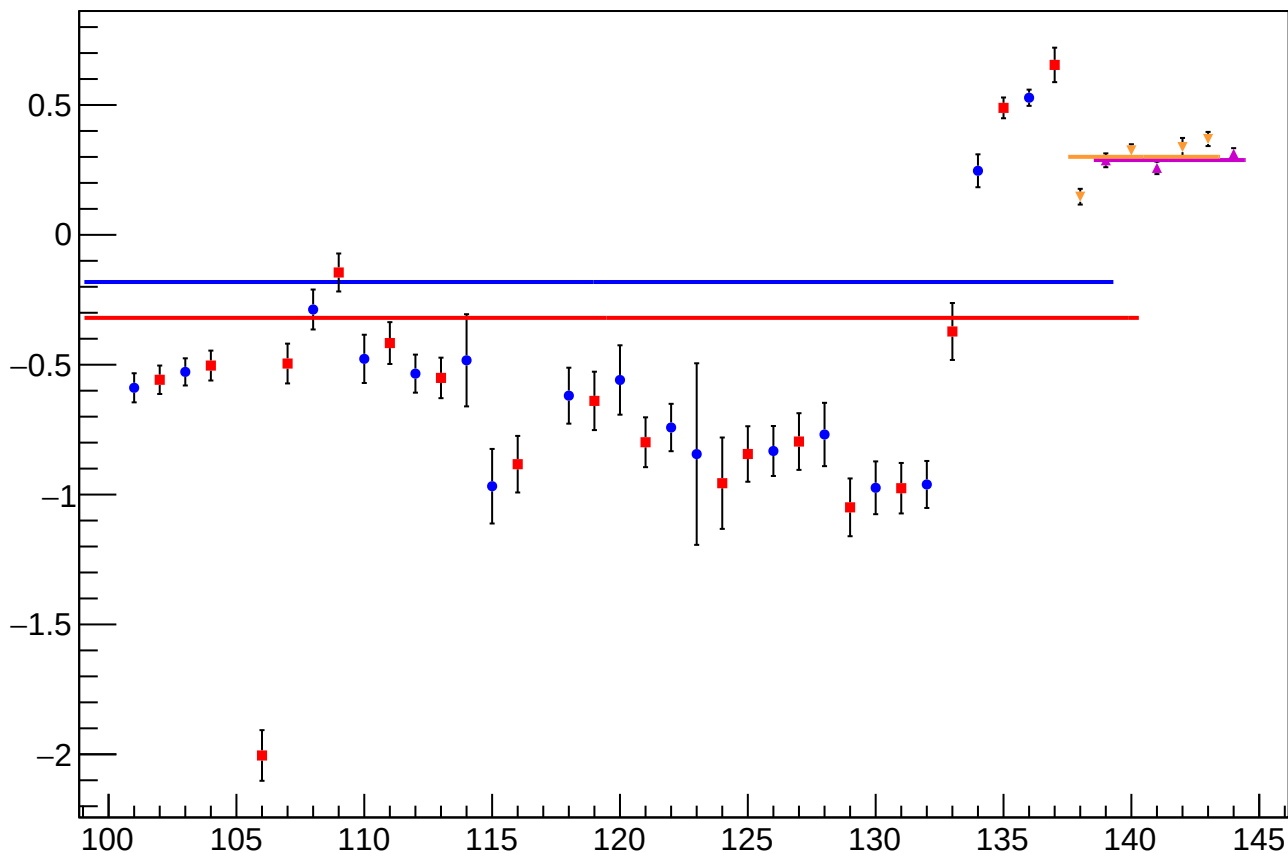
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 29.190 $\pm$ 0.218 χ^2 /NDF:5019.6/19

Out: 28.225 $\pm$ 0.221 χ^2 /NDF:4955.6/21

All: 28.714 $\pm$ 0.155 χ^2 /NDF: 9984.9/41

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: 0.300 ± 0.014 χ^2/NDF : 34.2/3

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: 0.294 ± 0.010 χ^2/NDF : 37.5/6

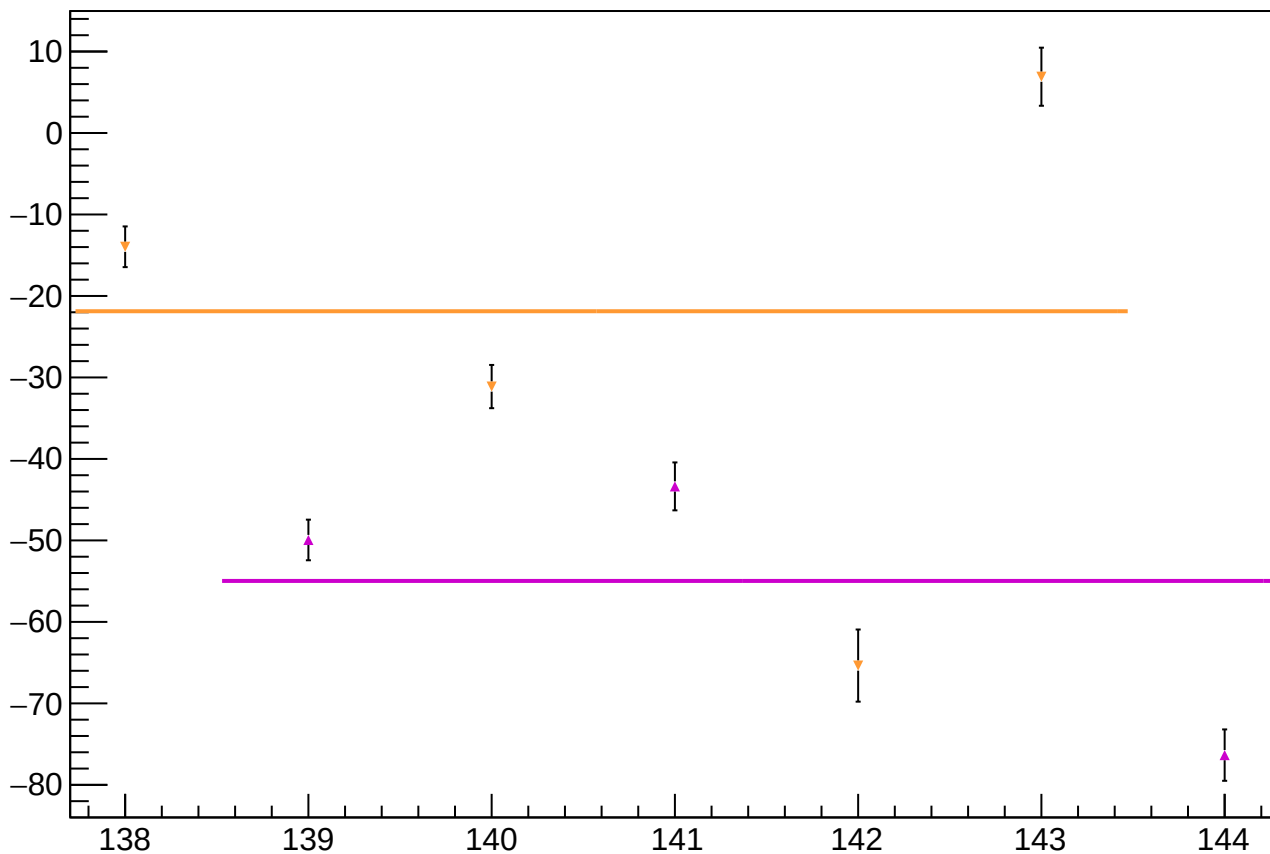
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.113 ± 0.011 χ^2/NDF : 1439.2/19

Out: 0.068 ± 0.011 χ^2/NDF : 1936.4/21

All: 0.091 ± 0.008 χ^2/NDF : 3383.9/41

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.875+/-1.521 χ^2/NDF :183.9/3

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: -37.300+/-1.112 χ^2/NDF : 470.1/6

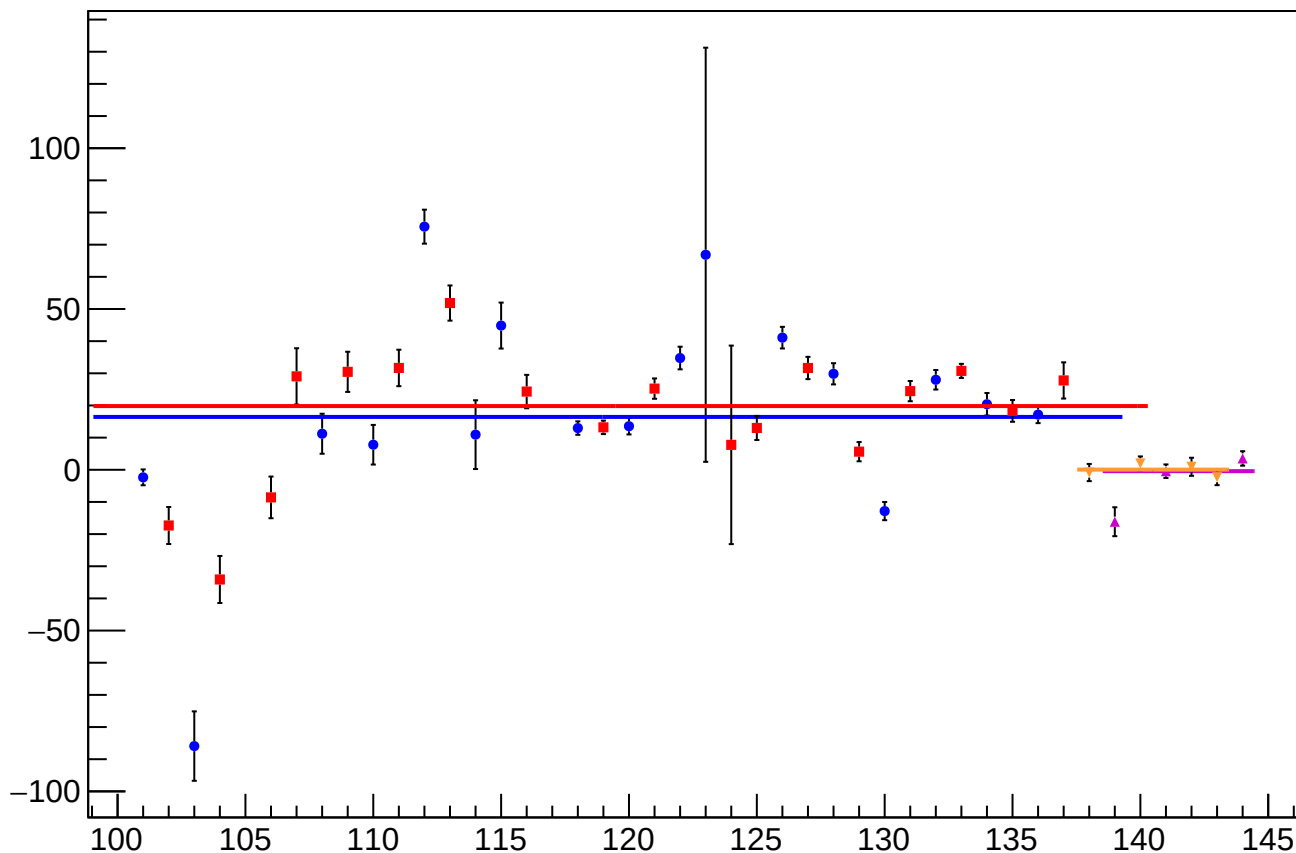
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.973+/-1.628 χ^2/NDF :65.6/2

Out: -21.875+/-1.521 χ^2/NDF :183.9/3

All: -37.300+/-1.112 χ^2/NDF : 470.1/6

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 0.051 ± 1.250 $\chi^2/\text{NDF}: 1.9/3$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: -0.424 ± 1.455 $\chi^2/\text{NDF}: 15.3/2$

Left: -0.151 ± 0.948 $\chi^2/\text{NDF}: 17.3/6$

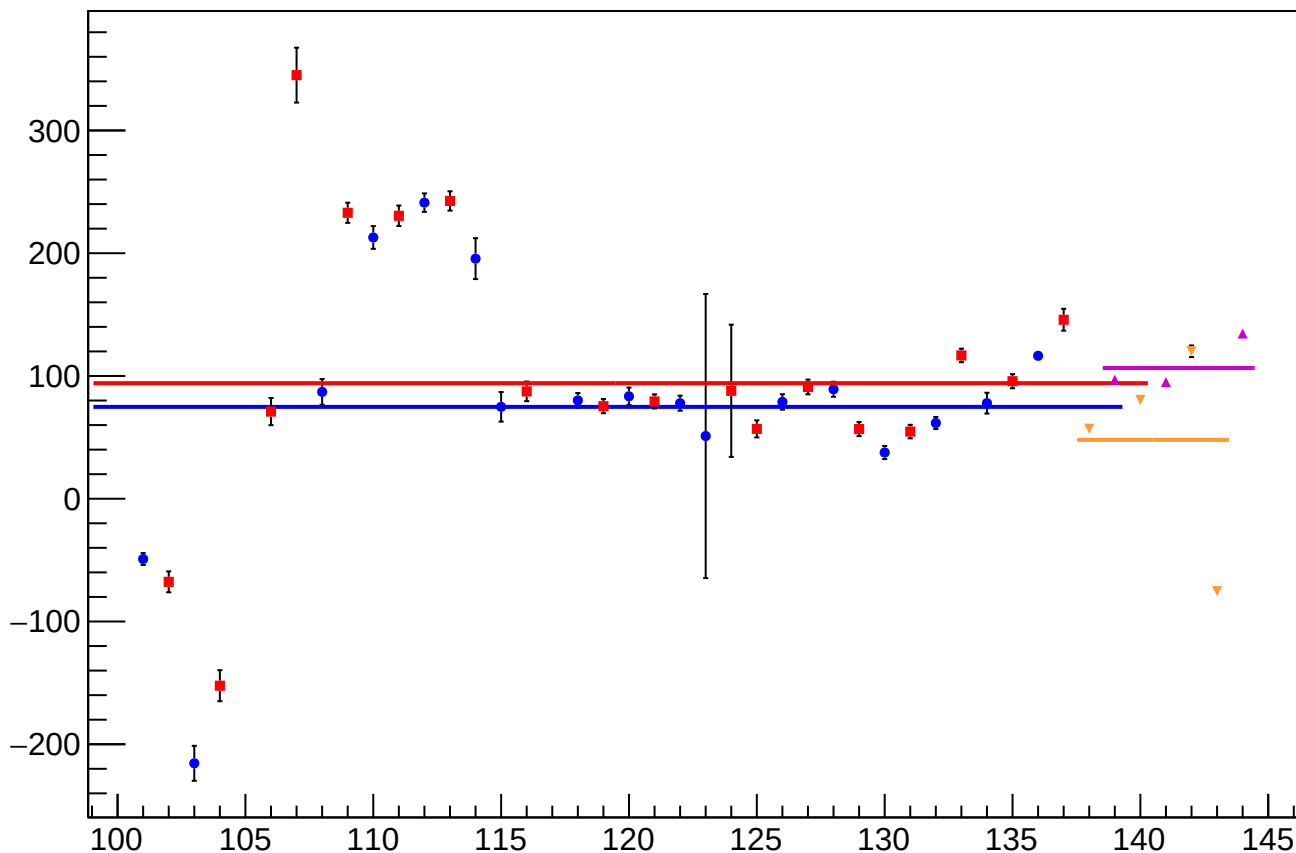
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 12.160 ± 0.733 $\chi^2/\text{NDF}: 632.5/19$

Out: 13.076 ± 0.730 $\chi^2/\text{NDF}: 405.1/21$

All: 12.620 ± 0.517 $\chi^2/\text{NDF}: 1038.3/41$

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: 47.962 $\pm$ 1.633 χ^2 /NDF:1425.9/3

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: 75.242 $\pm$ 1.193 χ^2 /NDF: 2120.1/6

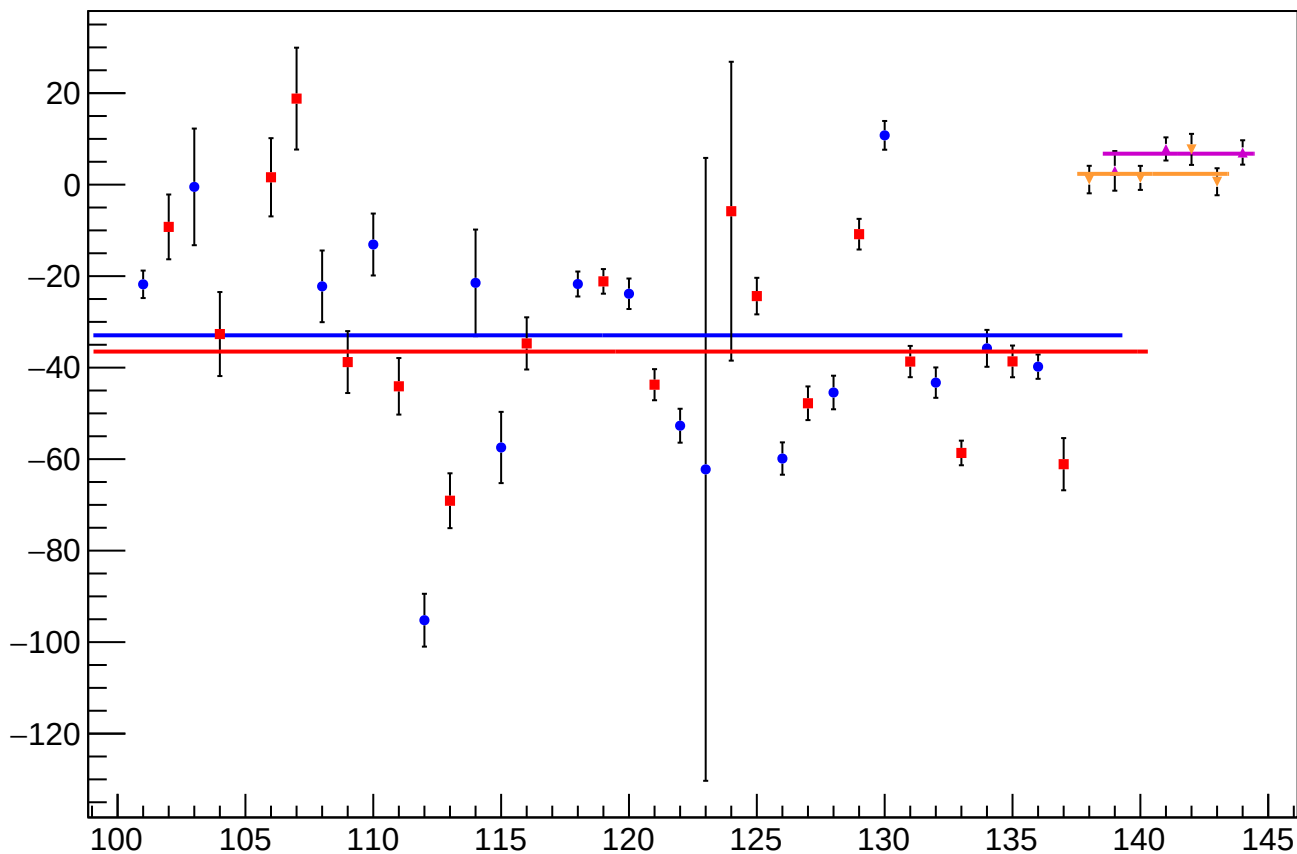
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 89.639 $\pm$ 1.195 χ^2 /NDF:2266.8/19

Out: 69.856 $\pm$ 1.184 χ^2 /NDF:3774.5/21

All: 79.655 $\pm$ 0.841 χ^2 /NDF: 6179.5/41

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 2.359 ± 1.479 χ^2/NDF : 3.1/3

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: 4.272 ± 1.113 χ^2/NDF : 7.9/6

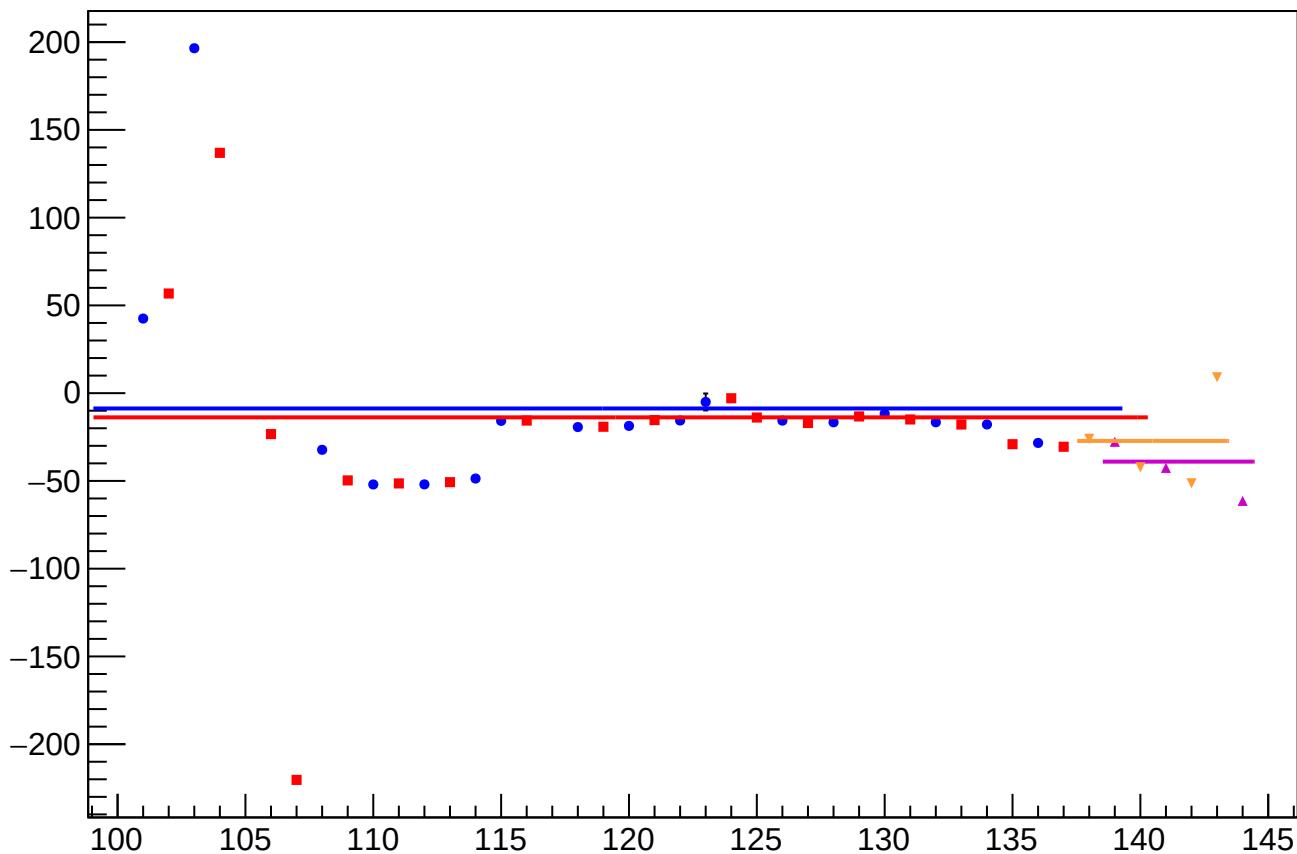
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -23.037 ± 0.843 χ^2/NDF : 906.5/19

Out: -23.853 ± 0.843 χ^2/NDF : 762.0/21

All: -23.445 ± 0.596 χ^2/NDF : 1668.9/41

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -27.208 ± 0.066 χ^2/NDF : 87686.4/3

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -39.009 ± 0.068 χ^2/NDF : 37832.3/2

Left: -33.007 ± 0.047 χ^2/NDF : 141052.6/6

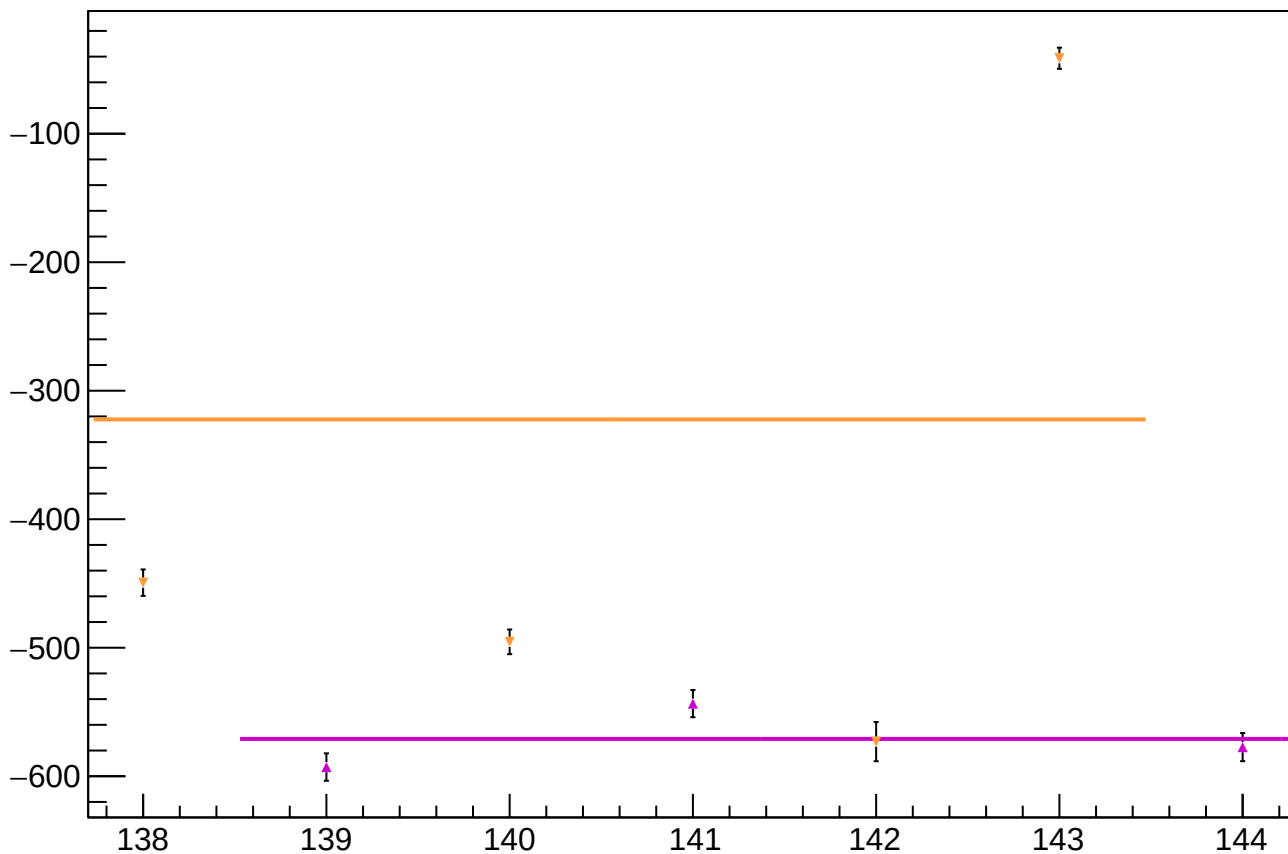
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -21.802 ± 0.044 χ^2/NDF : 727974.4/19

Out: -20.055 ± 0.045 χ^2/NDF : 658851.7/21

All: -20.948 ± 0.032 χ^2/NDF : 1387583.6/41

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -322.331+/-5.040 χ^2/NDF :1915.2/3

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: -421.320+/-3.910 χ^2/NDF : 2895.4/6

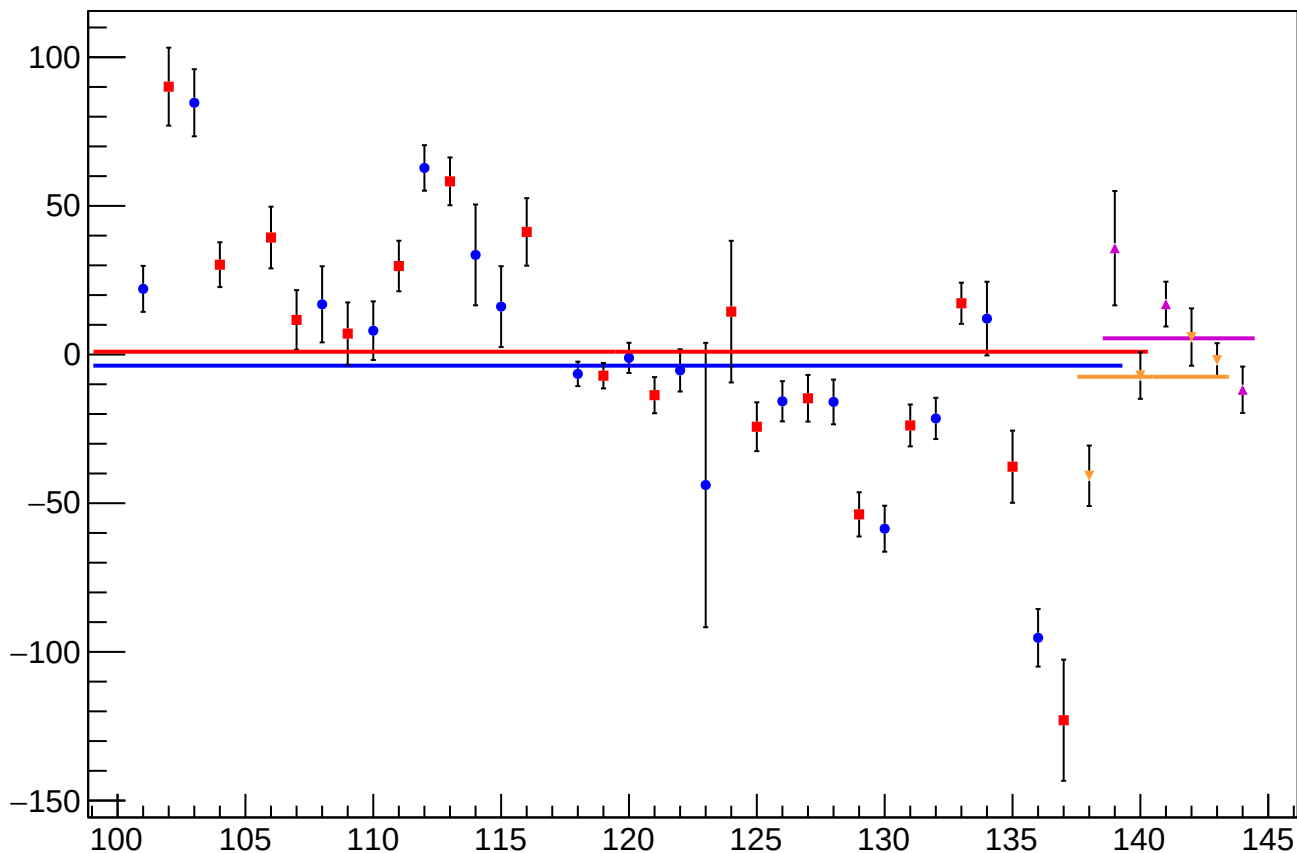
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -570.963+/-6.197 χ^2/NDF :11.3/2

Out: -322.331+/-5.040 χ^2/NDF :1915.2/3

All: -421.320+/-3.910 χ^2/NDF : 2895.4/6

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -7.471 ± 3.851 χ^2/NDF : 13.6/3

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 5.456 ± 5.215 χ^2/NDF : 9.7/2

Left: -2.909 ± 3.098 χ^2/NDF : 27.3/6

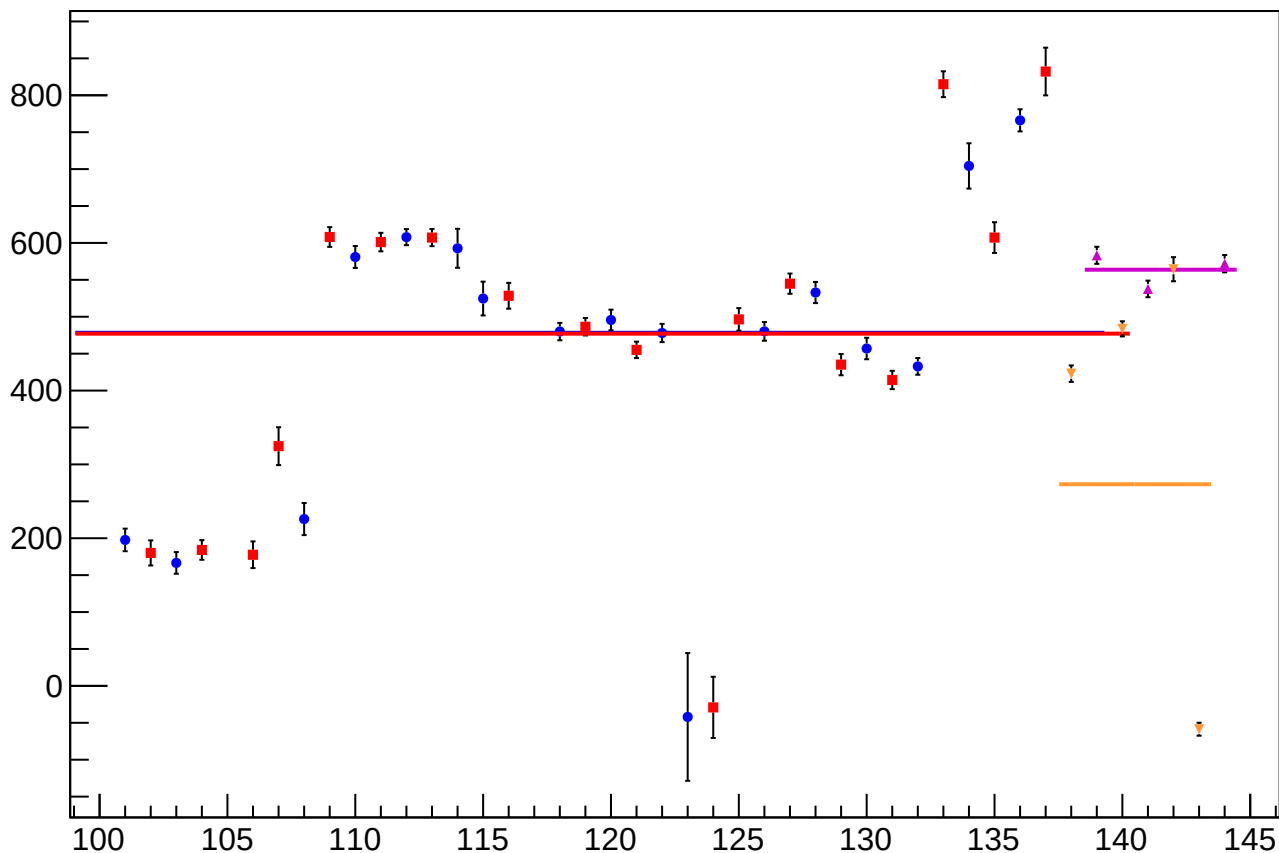
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -2.673 ± 1.778 χ^2/NDF : 326.6/19

Out: -0.725 ± 1.717 χ^2/NDF : 311.1/21

All: -1.665 ± 1.235 χ^2/NDF : 638.3/41

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 273.126+/-5.396 χ^2/NDF :2352.9/3

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: 388.657+/-4.188 χ^2/NDF : 3514.7/6

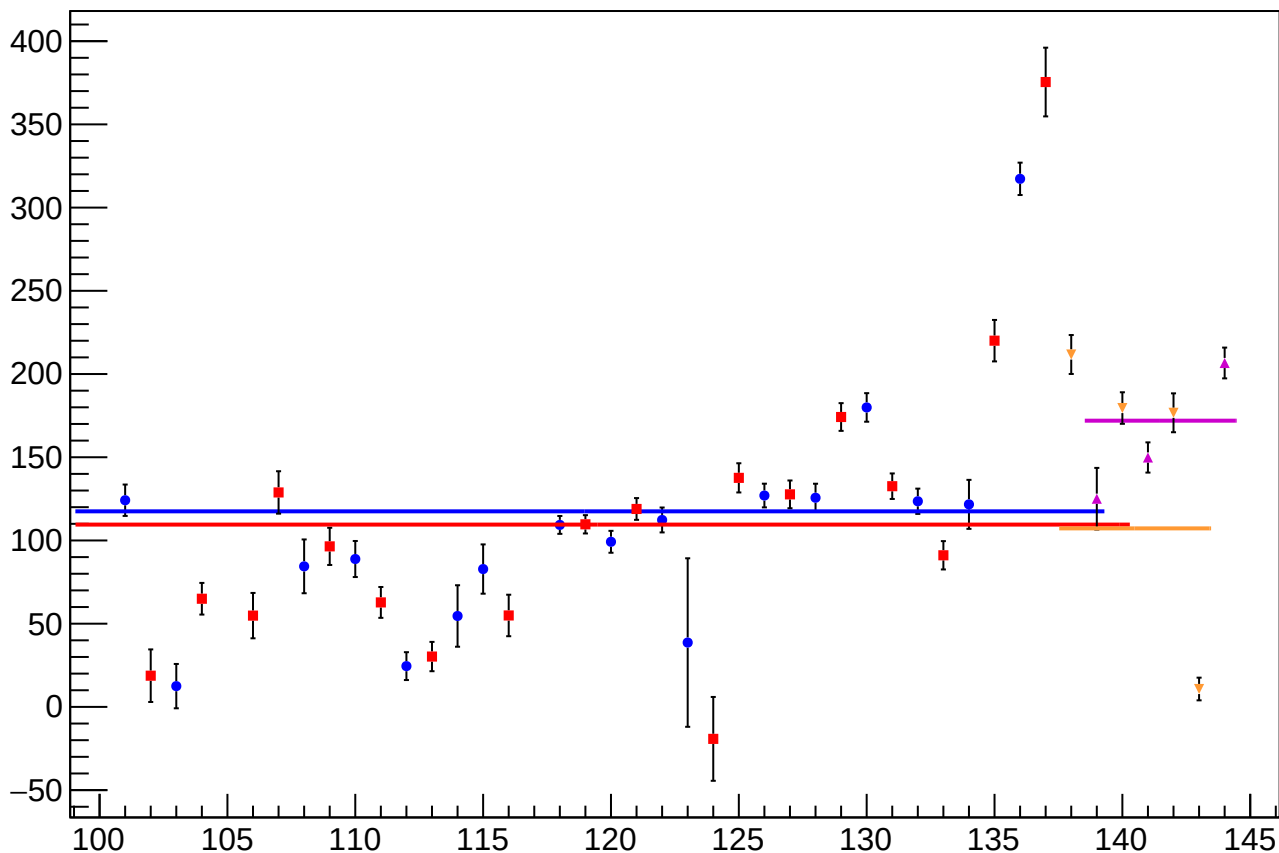
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 497.987+/-3.191 χ^2/NDF :1763.9/19

Out: 415.689+/-2.961 χ^2/NDF :5527.5/21

All: 453.763+/-2.170 χ^2/NDF : 7648.9/41

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 107.255 ± 4.598 $\chi^2/\text{NDF}: 373.8/3$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 171.972 ± 6.115 $\chi^2/\text{NDF}: 26.4/2$

Left: 130.633 ± 3.675 $\chi^2/\text{NDF}: 471.7/6$

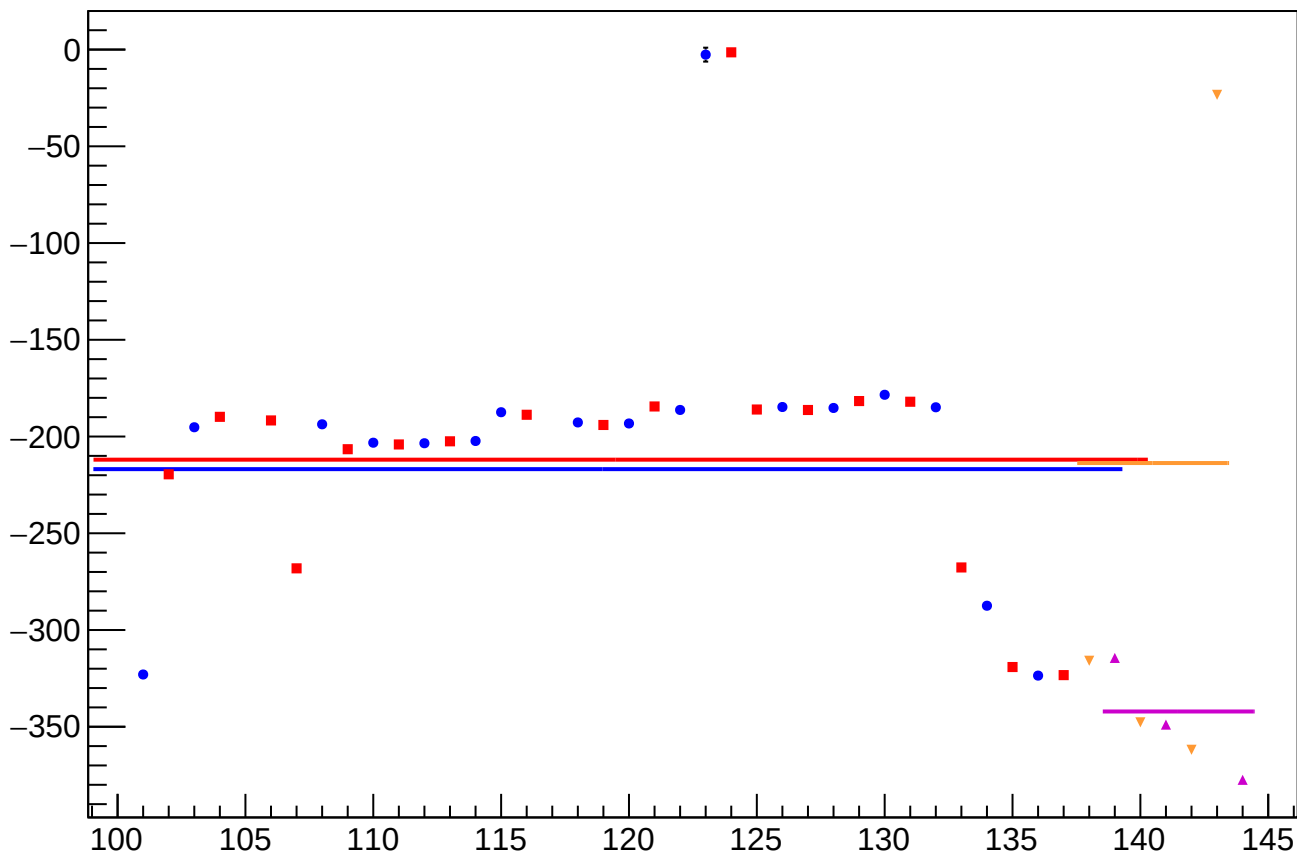
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 123.733 ± 2.068 $\chi^2/\text{NDF}: 802.6/19$

Out: 109.108 ± 1.991 $\chi^2/\text{NDF}: 936.2/21$

All: 116.142 ± 1.434 $\chi^2/\text{NDF}: 1764.7/41$

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: -213.700 ± 0.221 $\chi^2/\text{NDF}: 485780.4/3$

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: -267.281 ± 0.169 $\chi^2/\text{NDF}: 636209.0/6$

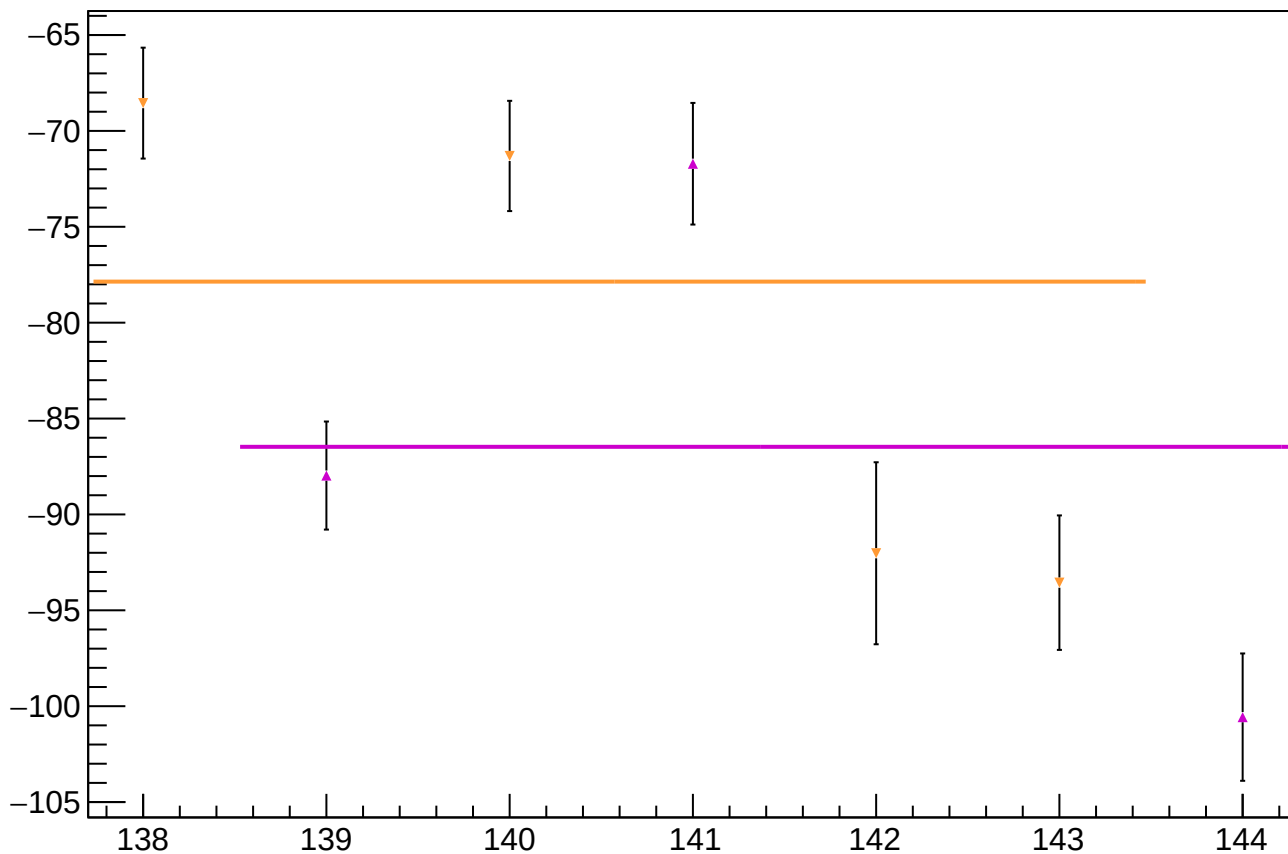
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -243.523 ± 0.121 $\chi^2/\text{NDF}: 337506.6/19$

Out: -212.411 ± 0.112 $\chi^2/\text{NDF}: 597918.1/21$

All: -226.893 ± 0.082 $\chi^2/\text{NDF}: 971040.2/41$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -77.859+/-1.652 χ^2/NDF :44.5/3

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: -81.849+/-1.211 χ^2/NDF : 97.1/6

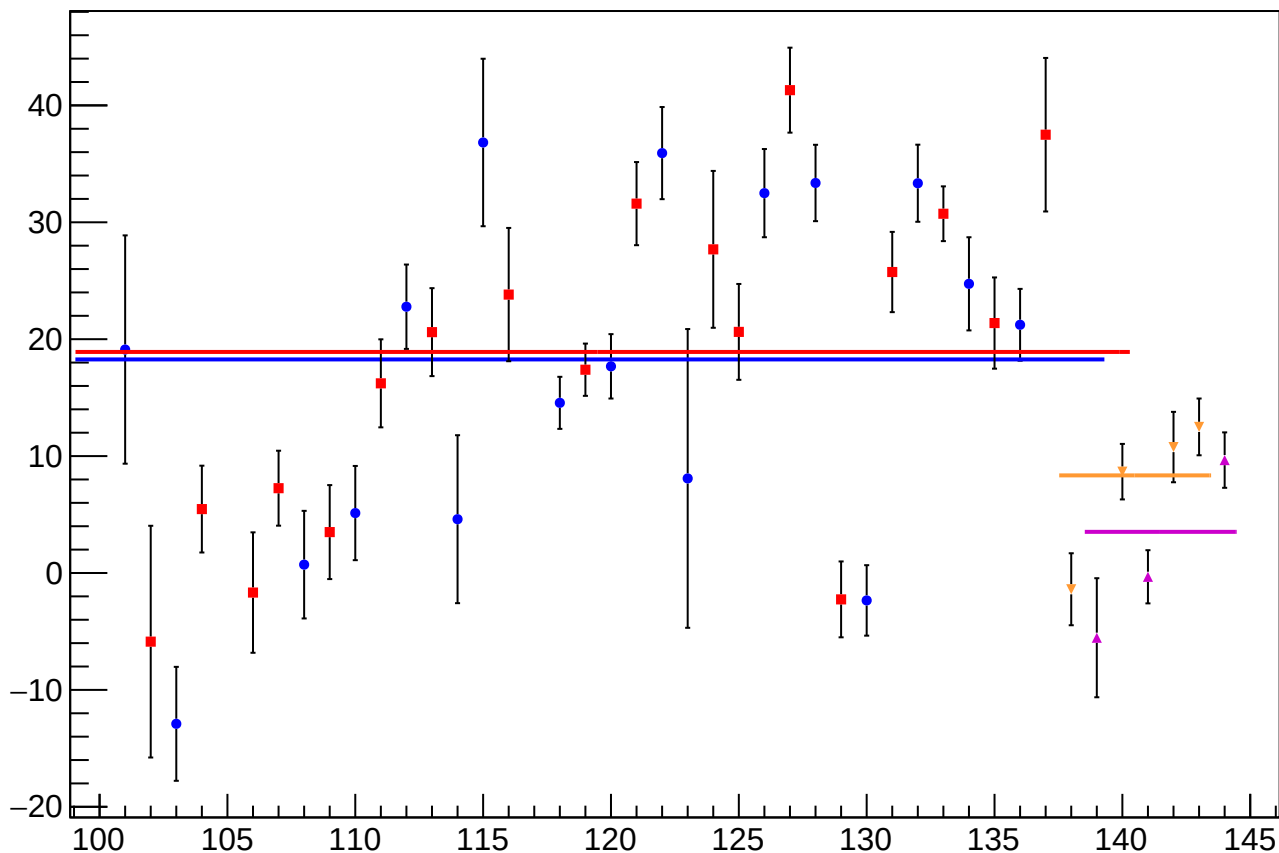
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.474+/-1.779 χ^2/NDF :40.0/2

Out: -77.859+/-1.652 χ^2/NDF :44.5/3

All: -81.849+/-1.211 χ^2/NDF : 97.1/6

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 8.350 ± 1.333 $\chi^2/\text{NDF}: 13.6/3$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: 3.520 ± 1.562 $\chi^2/\text{NDF}: 12.7/2$

Left: 6.315 ± 1.014 $\chi^2/\text{NDF}: 31.8/6$

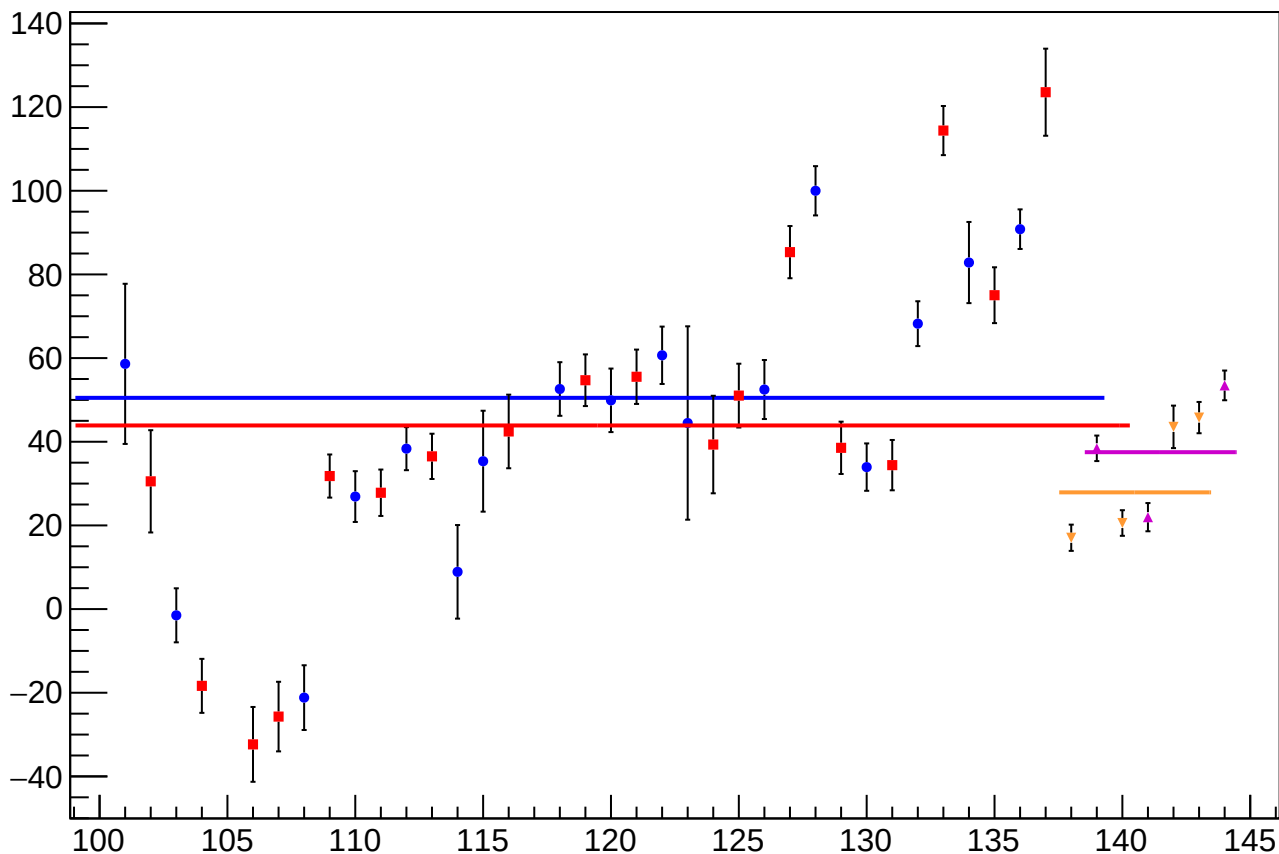
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 14.552 ± 0.784 $\chi^2/\text{NDF}: 287.7/19$

Out: 15.784 ± 0.725 $\chi^2/\text{NDF}: 255.9/21$

All: 15.216 ± 0.532 $\chi^2/\text{NDF}: 544.9/41$

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: 27.901 $\pm$ 1.772 χ^2 /NDF:50.0/3

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: 32.349 $\pm$ 1.298 χ^2 /NDF: 105.2/6

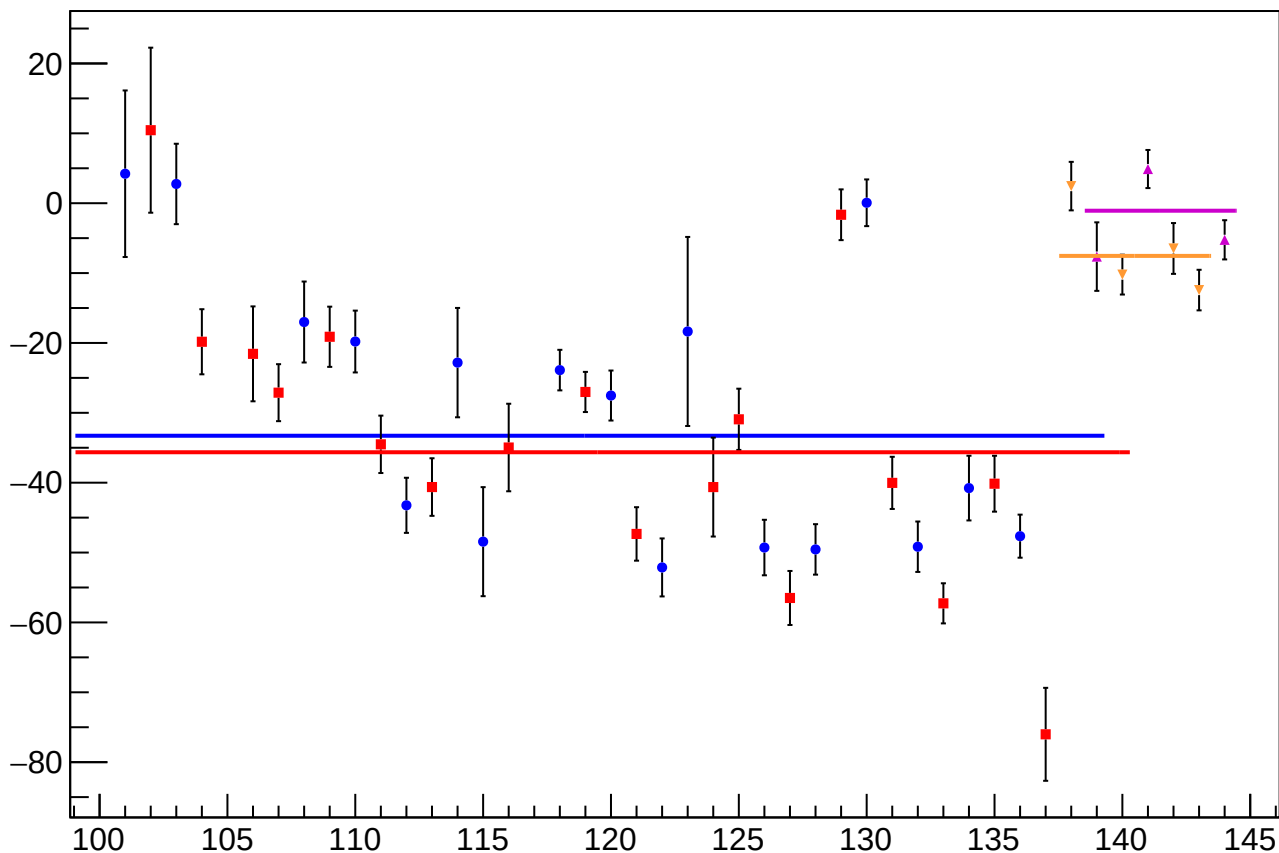
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 44.858 $\pm$ 1.257 χ^2 /NDF:430.9/19

Out: 36.692 $\pm$ 1.189 χ^2 /NDF:626.5/21

All: 40.548 $\pm$ 0.864 χ^2 /NDF: 1079.7/41

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -7.540 ± 1.581 $\chi^2/\text{NDF}: 12.1/3$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -1.075 ± 1.817 $\chi^2/\text{NDF}: 8.8/2$

Left: -4.754 ± 1.193 $\chi^2/\text{NDF}: 28.1/6$

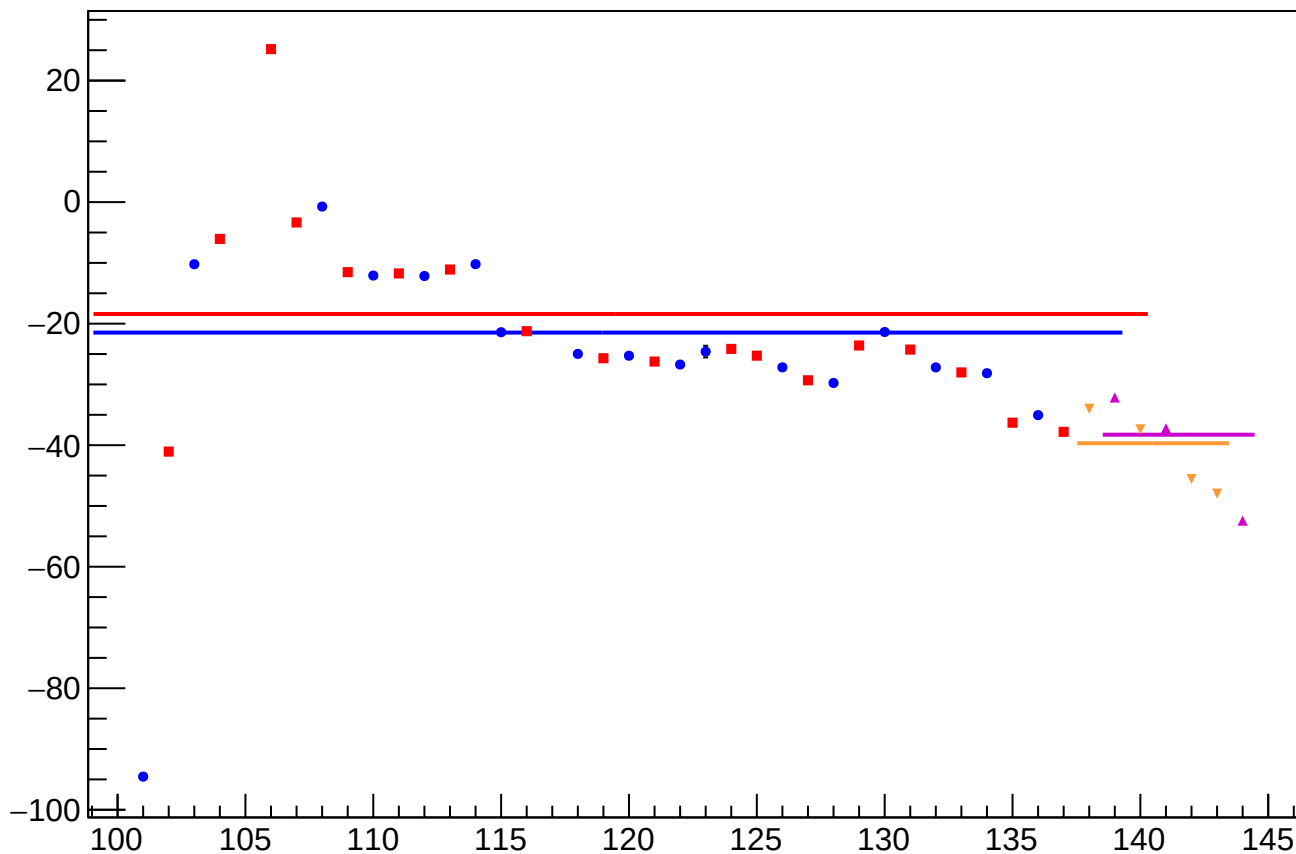
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -25.391 ± 0.899 $\chi^2/\text{NDF}: 539.0/19$

Out: -27.696 ± 0.841 $\chi^2/\text{NDF}: 523.3/21$

All: -26.621 ± 0.614 $\chi^2/\text{NDF}: 1065.8/41$

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: -39.681 ± 0.072 $\chi^2/\text{NDF}: 6336.9/3$

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: -38.996 ± 0.052 $\chi^2/\text{NDF}: 18105.3/6$

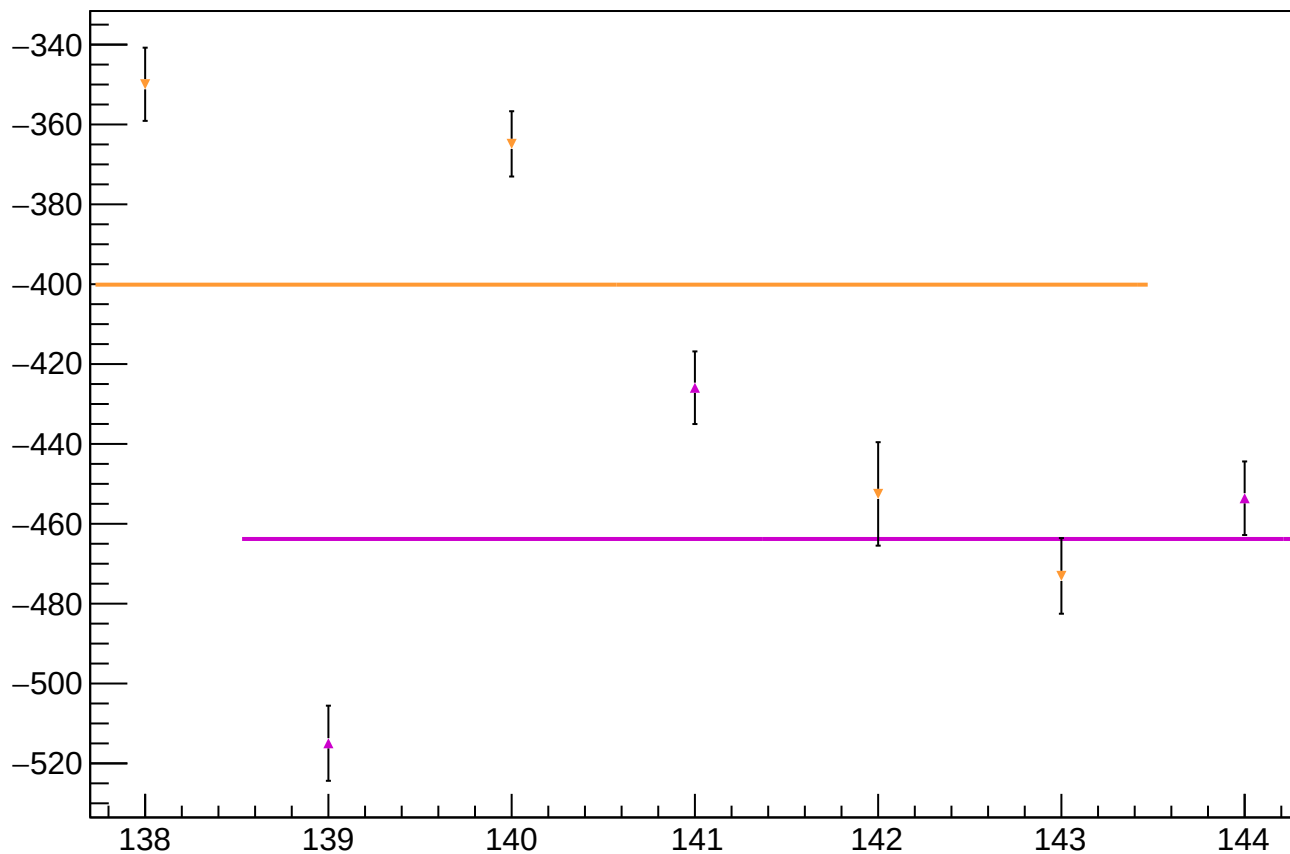
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -27.953 ± 0.046 $\chi^2/\text{NDF}: 92149.8/19$

Out: -26.641 ± 0.045 $\chi^2/\text{NDF}: 137086.0/21$

All: -27.281 ± 0.032 $\chi^2/\text{NDF}: 229652.4/41$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -400.115+/-4.769 χ^2/NDF :124.2/3

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: -428.418+/-3.555 χ^2/NDF : 251.6/6

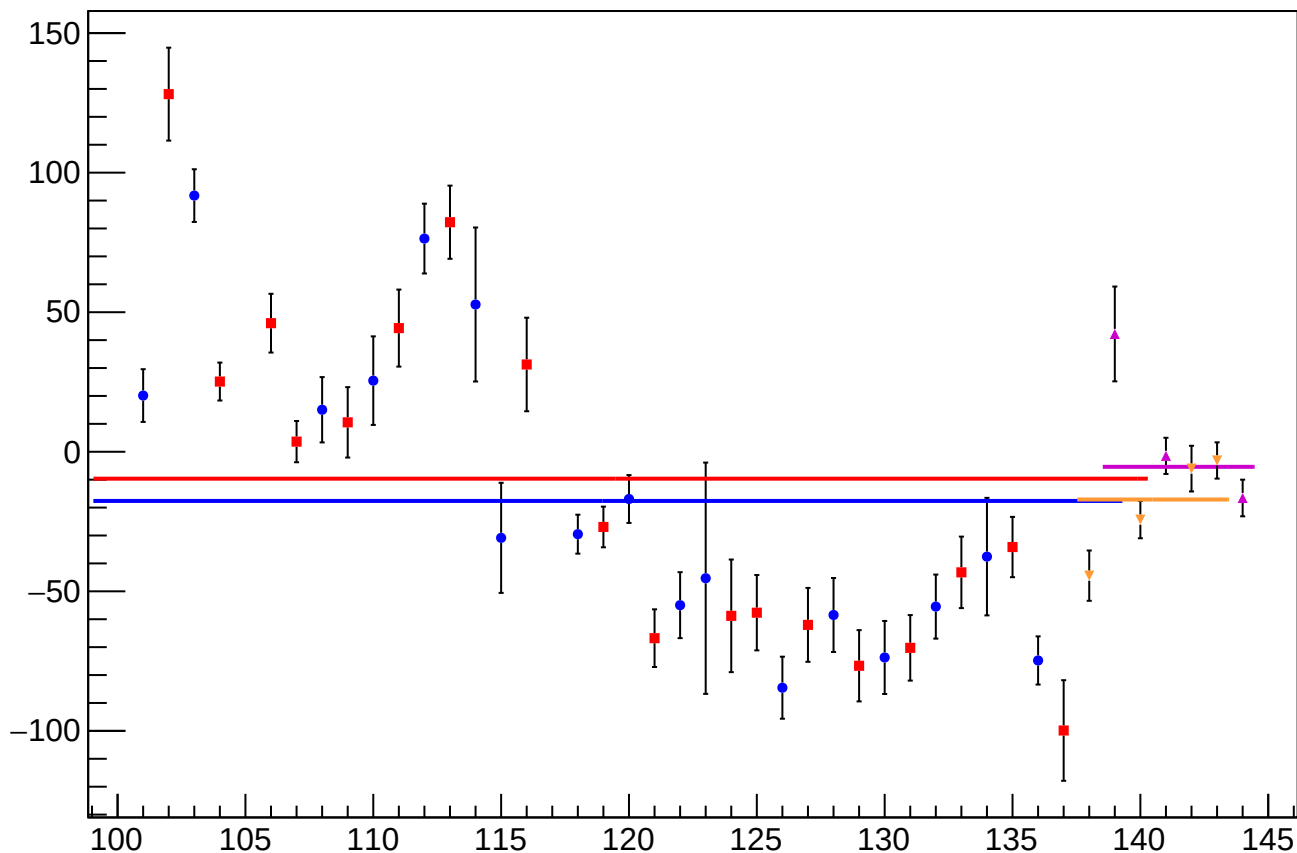
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.802+/-5.332 χ^2/NDF :48.1/2

Out: -400.115+/-4.769 χ^2/NDF :124.2/3

All: -428.418+/-3.555 χ^2/NDF : 251.6/6

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -17.109 ± 3.693 $\chi^2/\text{NDF}: 16.8/3$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: -5.397 ± 4.451 $\chi^2/\text{NDF}: 11.1/2$

Left: -12.334 ± 2.842 $\chi^2/\text{NDF}: 32.0/6$

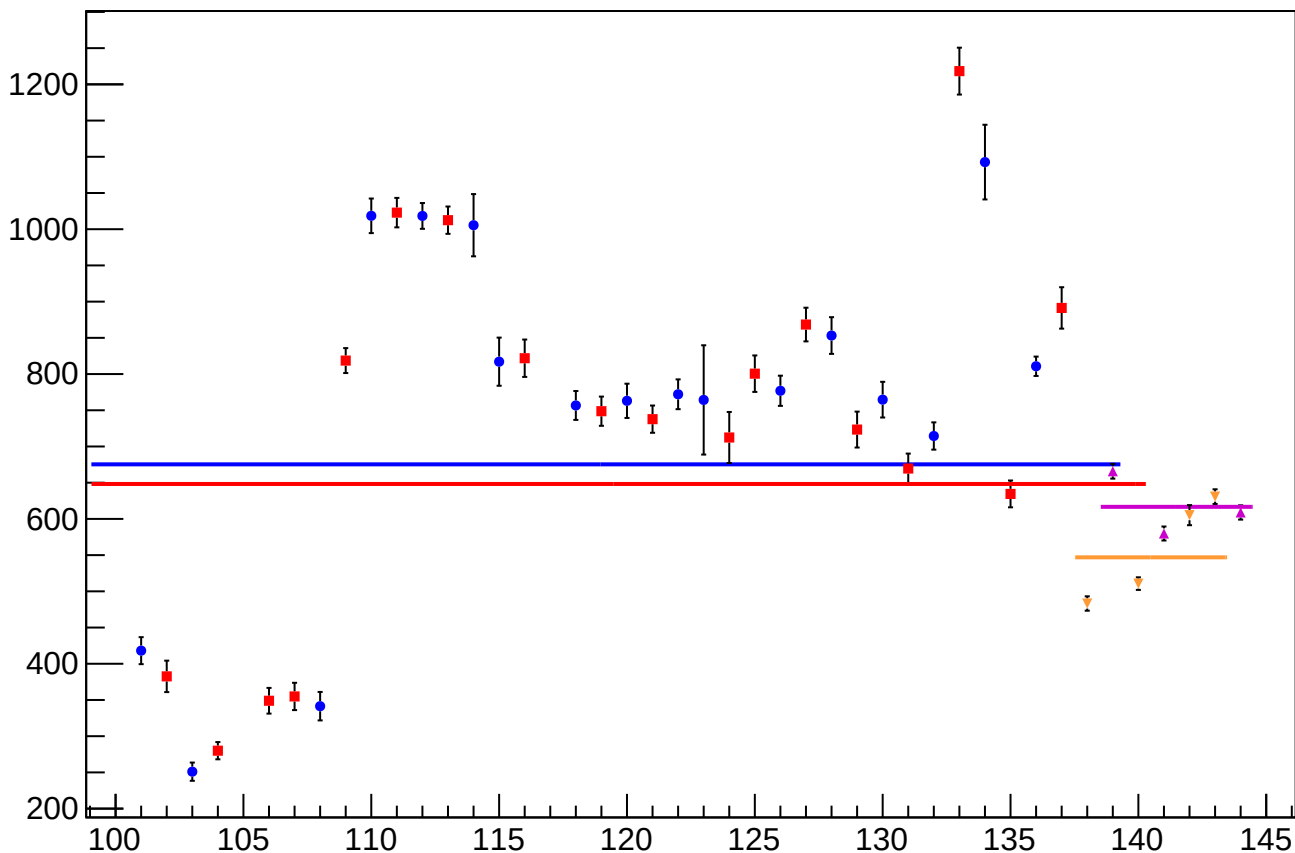
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -14.178 ± 2.362 $\chi^2/\text{NDF}: 378.6/19$

Out: -12.132 ± 2.133 $\chi^2/\text{NDF}: 380.2/21$

All: -13.051 ± 1.583 $\chi^2/\text{NDF}: 759.2/41$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 546.942 ± 5.107 $\chi^2/\text{NDF}: 145.1/3$

Right Out: 648.229 ± 4.775 $\chi^2/\text{NDF}: 3059.0/17$

Left In: 616.674 ± 5.714 $\chi^2/\text{NDF}: 38.4/2$

Left: 577.911 ± 3.808 $\chi^2/\text{NDF}: 266.3/6$

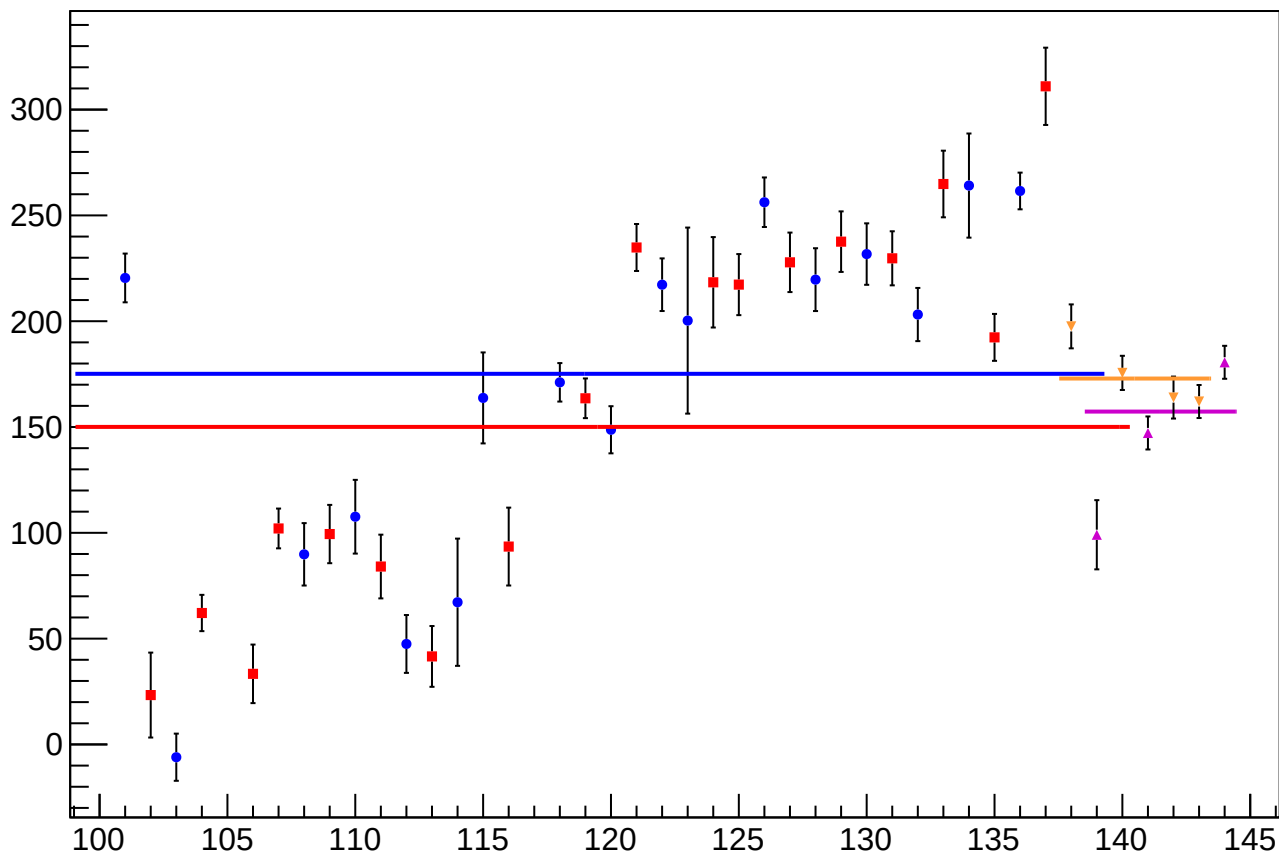
Right: 661.037 ± 3.468 $\chi^2/\text{NDF}: 5656.9/34$

In: 649.636 ± 3.782 $\chi^2/\text{NDF}: 2680.4/19$

Out: 600.991 ± 3.488 $\chi^2/\text{NDF}: 3413.9/21$

All: 623.348 ± 2.564 $\chi^2/\text{NDF}: 6183.7/41$

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: 172.910 $\pm$ 4.420 χ^2 /NDF:8.5/3

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: 166.395 $\pm$ 3.374 χ^2 /NDF: 37.0/6

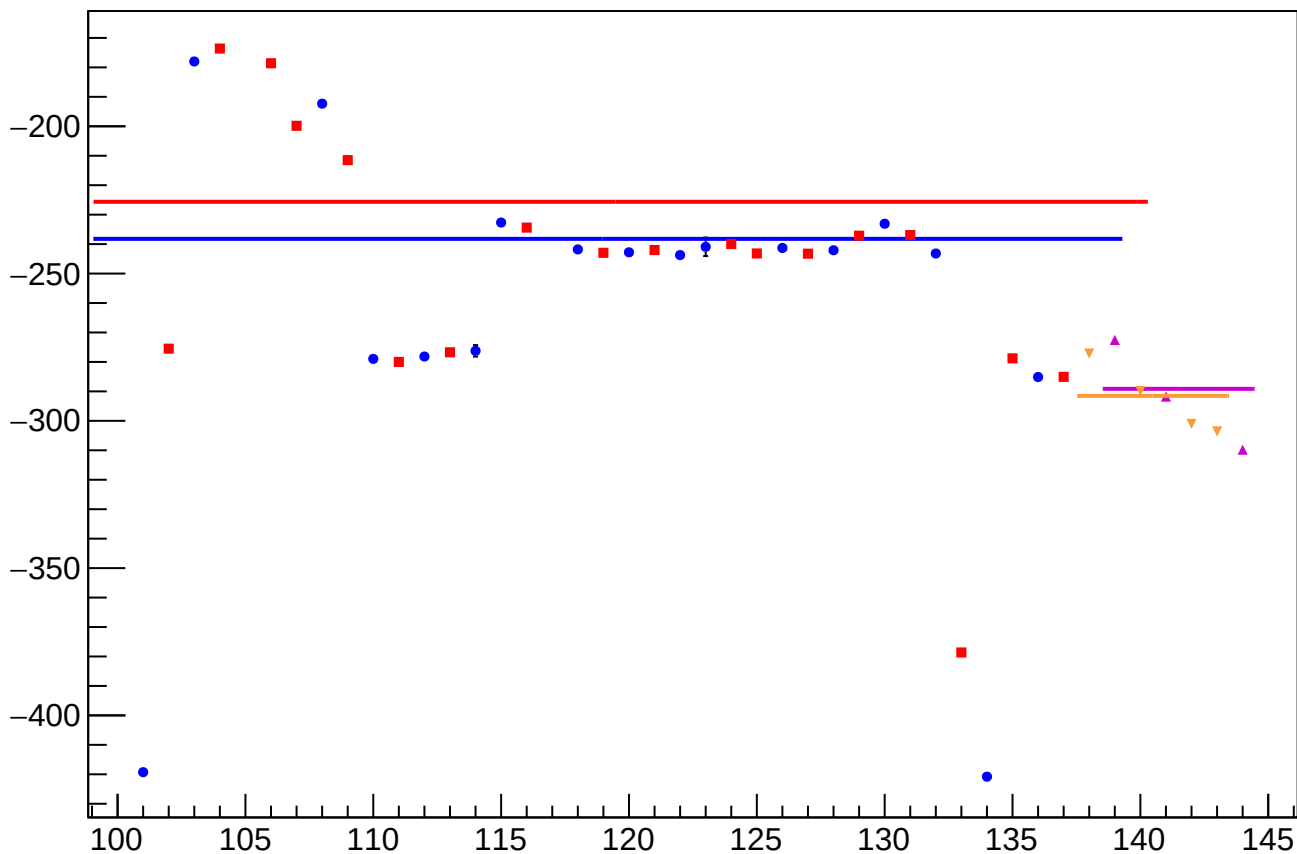
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 170.252 $\pm$ 2.734 χ^2 /NDF:667.4/19

Out: 157.411 $\pm$ 2.508 χ^2 /NDF:712.8/21

All: 163.277 $\pm$ 1.848 χ^2 /NDF: 1392.2/41

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -291.519+/-0.211 χ^2/NDF : 2502.6/3

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: -290.407+/-0.154 χ^2/NDF : 7041.3/6

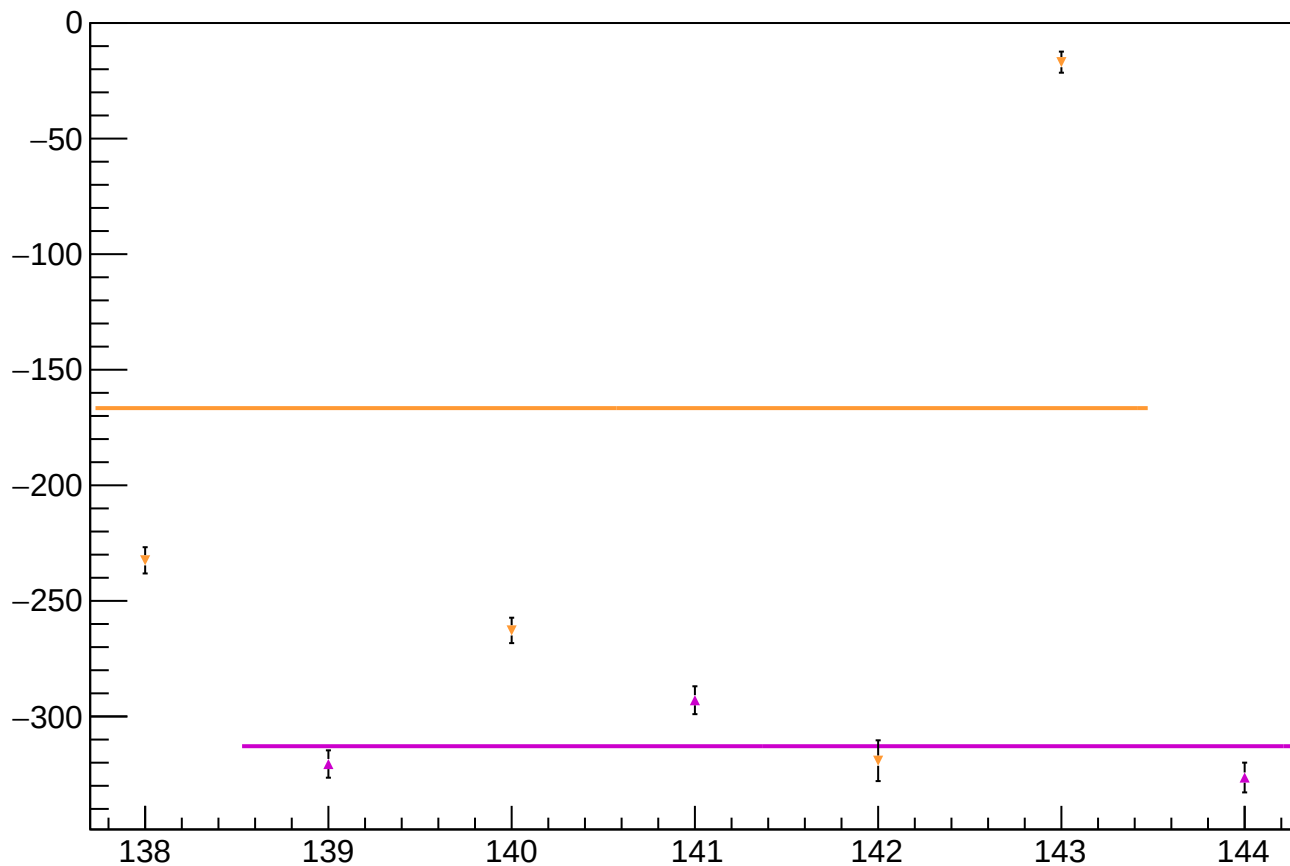
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -255.258+/-0.131 χ^2/NDF : 205444.2/19

Out: -248.096+/-0.123 χ^2/NDF : 162411.7/21

All: -251.465+/-0.090 χ^2/NDF : 369449.7/41

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -166.605 ± 2.828 $\chi^2/\text{NDF}: 1815.7/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -312.869 ± 3.531 $\chi^2/\text{NDF}: 17.0/2$

Left: -223.763 ± 2.208 $\chi^2/\text{NDF}: 2877.7/6$

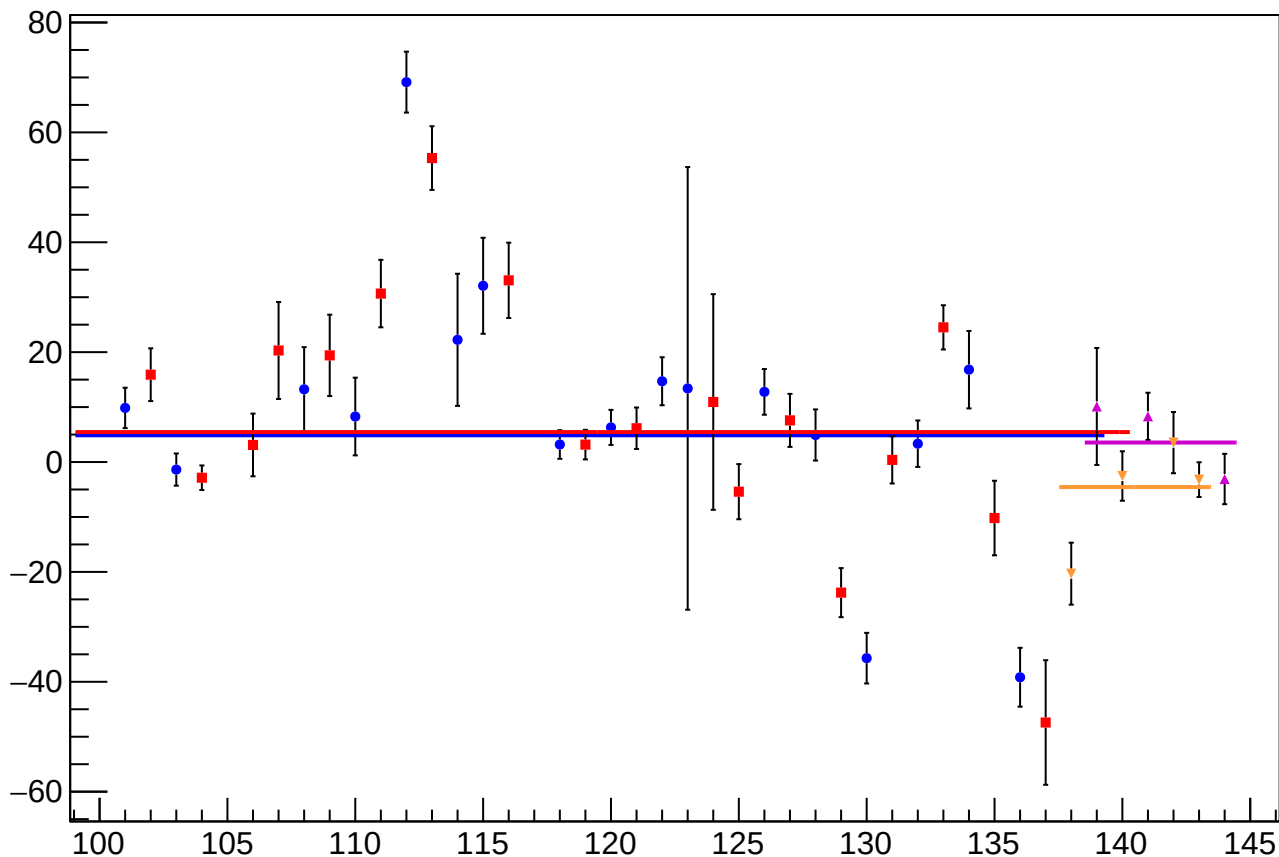
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -312.869 ± 3.531 $\chi^2/\text{NDF}: 17.0/2$

Out: -166.605 ± 2.828 $\chi^2/\text{NDF}: 1815.7/3$

All: -223.763 ± 2.208 $\chi^2/\text{NDF}: 2877.7/6$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: -4.558 ± 2.167 $\chi^2/\text{NDF}: 10.3/3$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 3.549 ± 3.006 $\chi^2/\text{NDF}: 3.7/2$

Left: -1.786 ± 1.758 $\chi^2/\text{NDF}: 18.8/6$

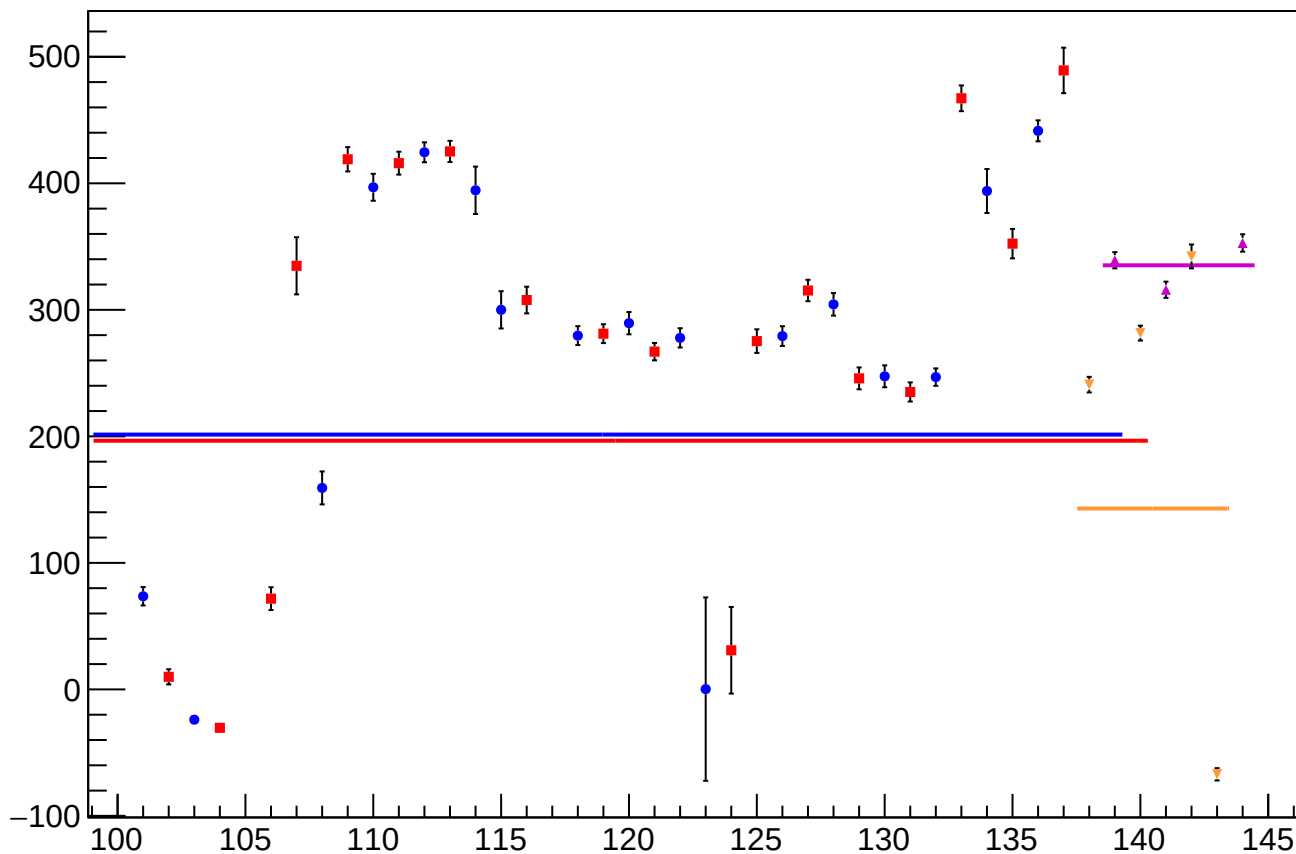
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 4.716 ± 1.025 $\chi^2/\text{NDF}: 315.4/19$

Out: 3.485 ± 0.960 $\chi^2/\text{NDF}: 259.0/21$

All: 4.060 ± 0.701 $\chi^2/\text{NDF}: 575.2/41$

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: 142.989 $\pm$ 3.029 χ^2 /NDF:3122.8/3

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: 217.988 $\pm$ 2.365 χ^2 /NDF: 4710.2/6

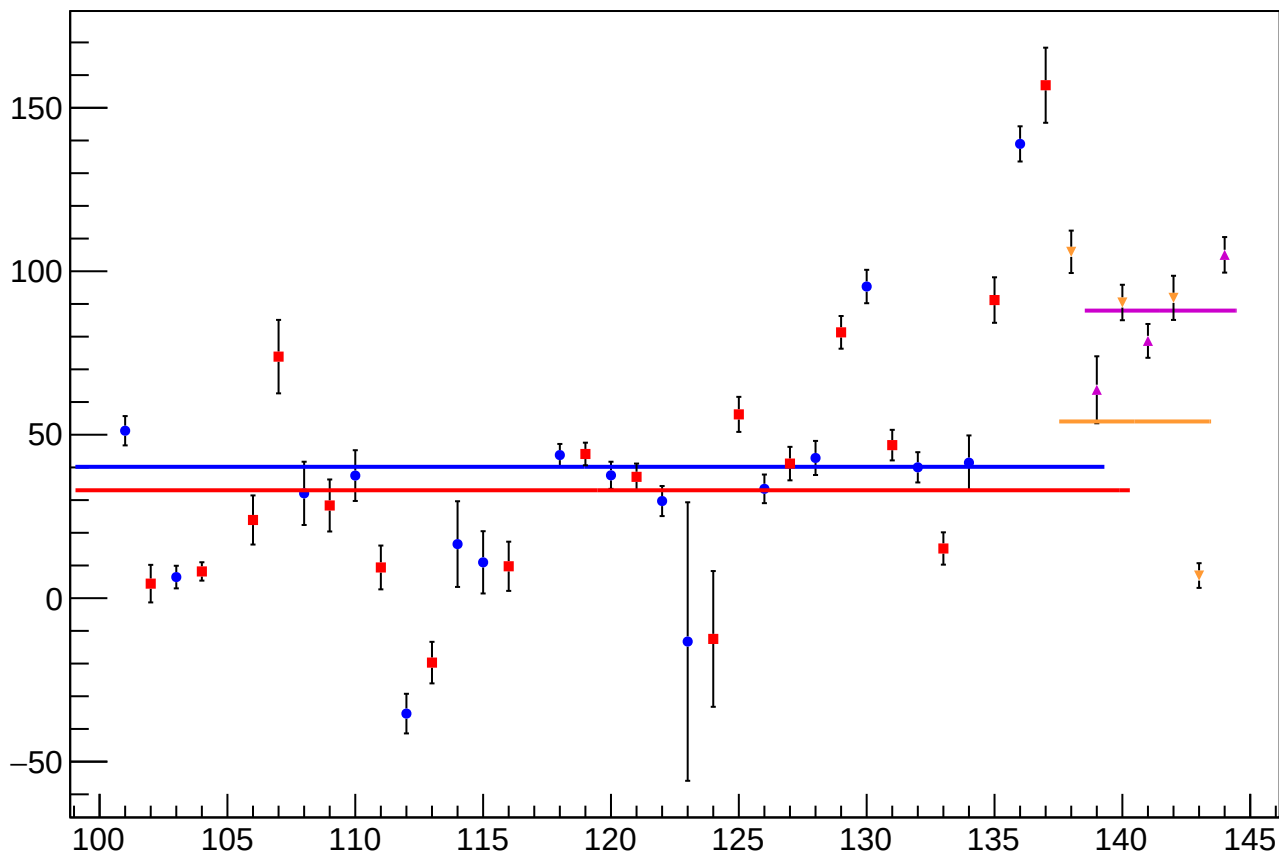
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 229.992 $\pm$ 1.750 χ^2 /NDF:7738.2/19

Out: 181.079 $\pm$ 1.628 χ^2 /NDF:11523.3/21

All: 203.775 $\pm$ 1.192 χ^2 /NDF: 19680.2/41

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 54.055 ± 2.584 $\chi^2/\text{NDF}: 295.9/3$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 87.967 ± 3.520 $\chi^2/\text{NDF}: 18.6/2$

Left: 65.932 ± 2.083 $\chi^2/\text{NDF}: 374.9/6$

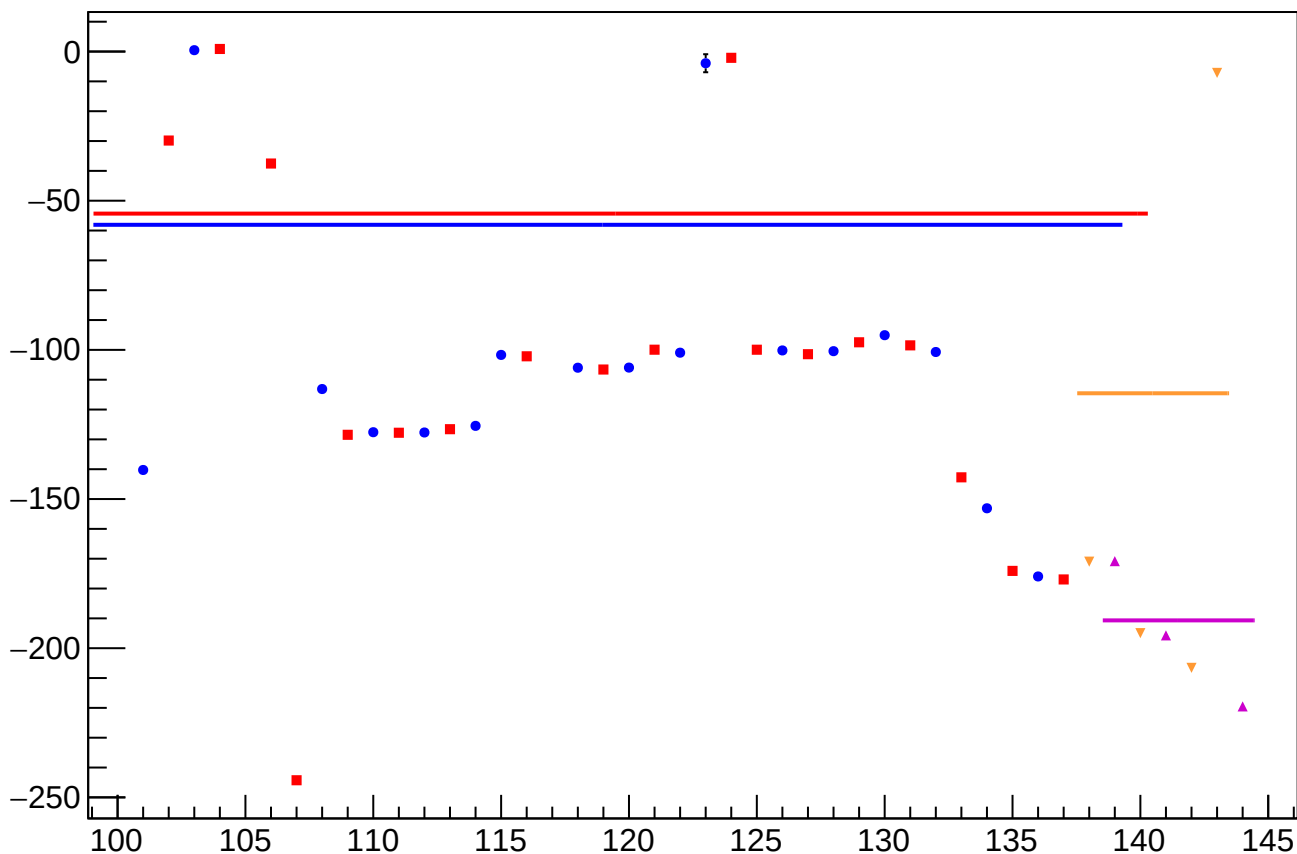
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 45.685 ± 1.195 $\chi^2/\text{NDF}: 915.7/19$

Out: 37.013 ± 1.127 $\chi^2/\text{NDF}: 896.8/21$

All: 41.098 ± 0.820 $\chi^2/\text{NDF}: 1840.4/41$

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: -114.548+/-0.124 χ^2/NDF : 513309.5/3

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: -145.828+/-0.095 χ^2/NDF : 685863.9/6

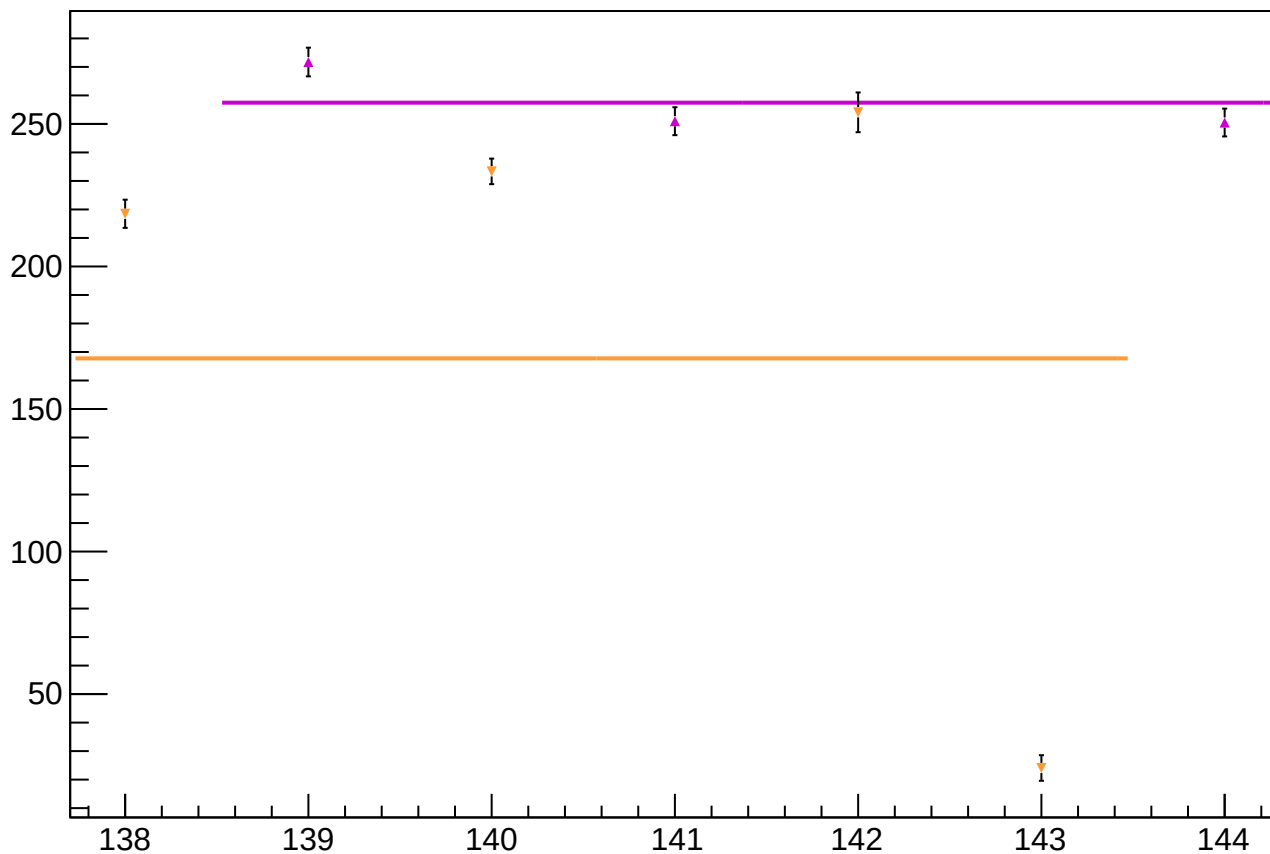
Right: -56.164+/-0.043 χ^2/NDF : 2097382.5/34

In: -77.605+/-0.057 χ^2/NDF : 1803650.7/19

Out: -65.909+/-0.054 χ^2/NDF : 1695384.6/21

All: -71.485+/-0.039 χ^2/NDF : 3521141.6/41

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: 167.762+/-2.493 χ^2/NDF :1496.5/3

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: 206.639+/-1.876 χ^2/NDF : 2069.5/6

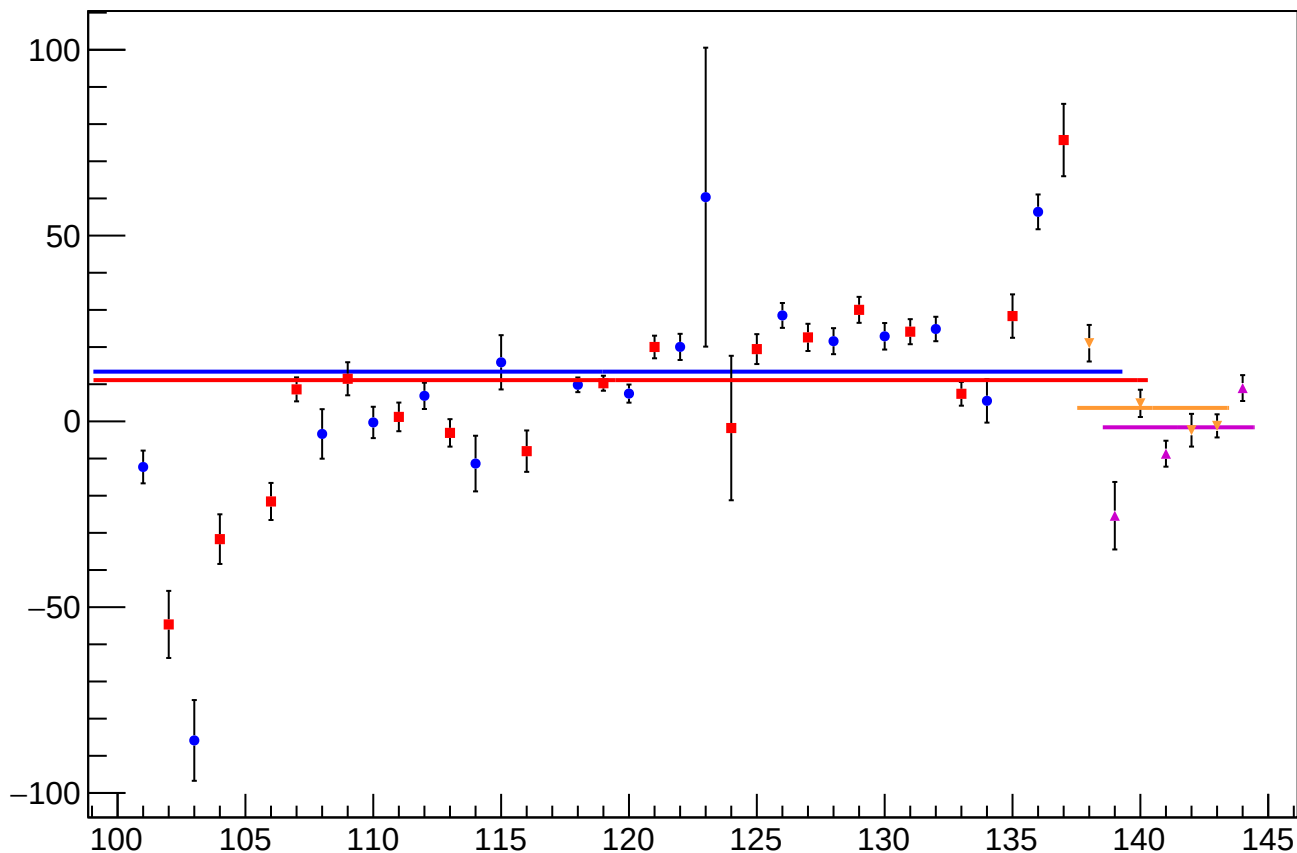
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.456+/-2.850 χ^2/NDF :11.8/2

Out: 167.762+/-2.493 χ^2/NDF :1496.5/3

All: 206.639+/-1.876 χ^2/NDF : 2069.5/6

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 3.628 $\pm$ 1.923 χ^2 /NDF:16.9/3

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: -1.593 $\pm$ 2.379 χ^2 /NDF:20.2/2

Left: 1.564 $\pm$ 1.496 χ^2 /NDF: 40.0/6

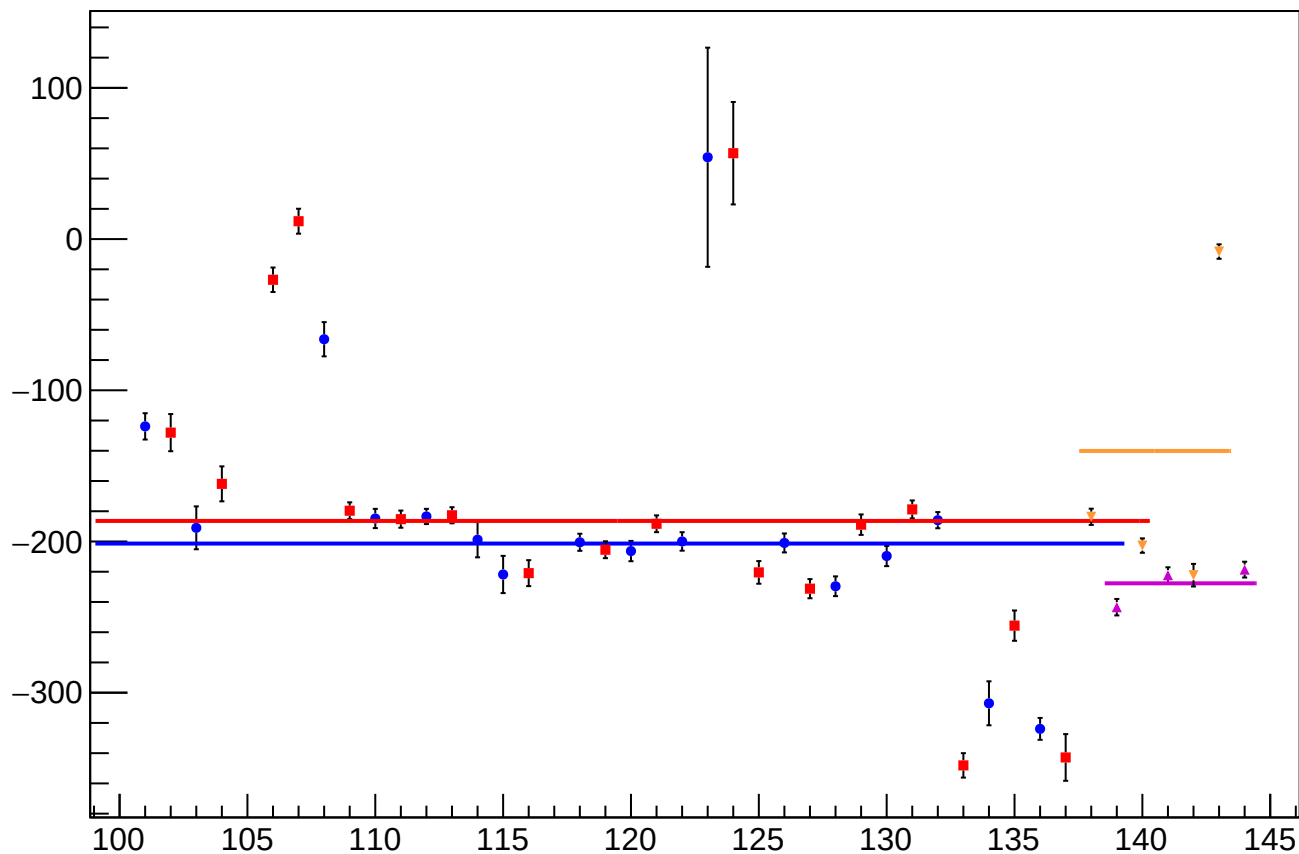
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 11.432 $\pm$ 0.859 χ^2 /NDF:348.7/19

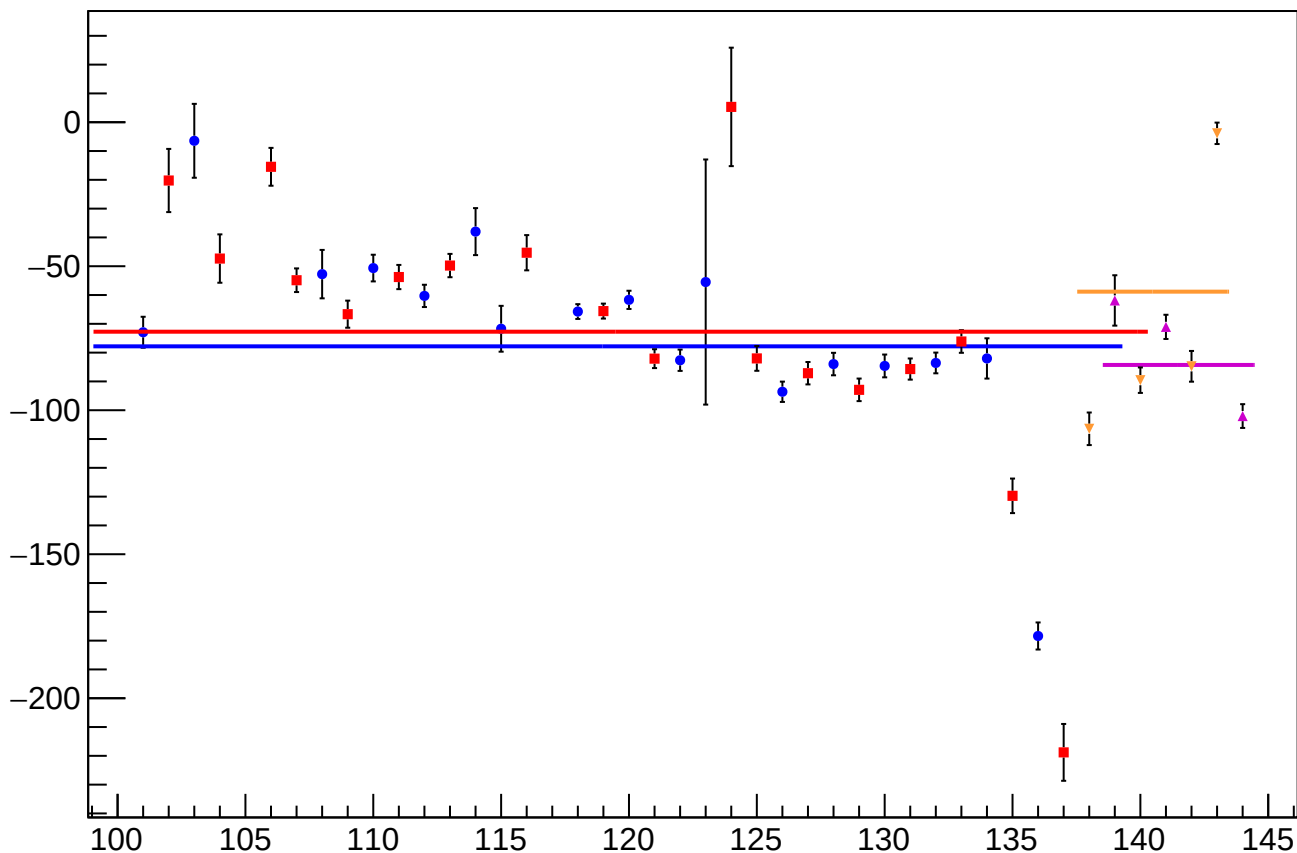
Out: 9.721 $\pm$ 0.827 χ^2 /NDF:321.4/21

All: 10.544 $\pm$ 0.596 χ^2 /NDF: 672.3/41

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -58.829 ± 2.295 χ^2/NDF : 361.3/3

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -84.279 ± 2.791 χ^2/NDF : 34.9/2

Left: -69.097 ± 1.773 χ^2/NDF : 445.9/6

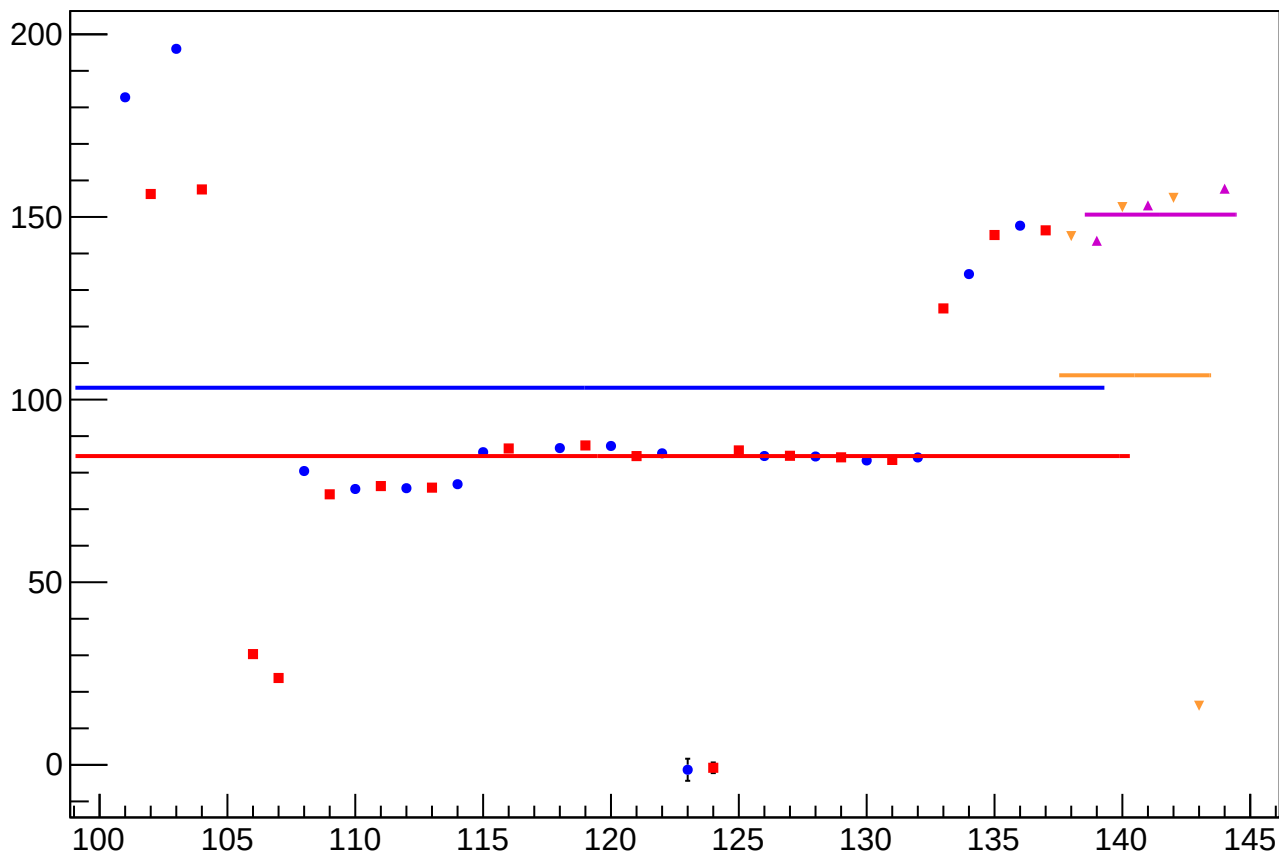
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -78.643 ± 0.997 χ^2/NDF : 696.0/19

Out: -70.314 ± 0.957 χ^2/NDF : 990.6/21

All: -74.309 ± 0.691 χ^2/NDF : 1722.9/41

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: 106.655 $\pm$ 0.109 χ^2 /NDF:328684.0/3

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: 126.528 $\pm$ 0.081 χ^2 /NDF: 404090.9/6

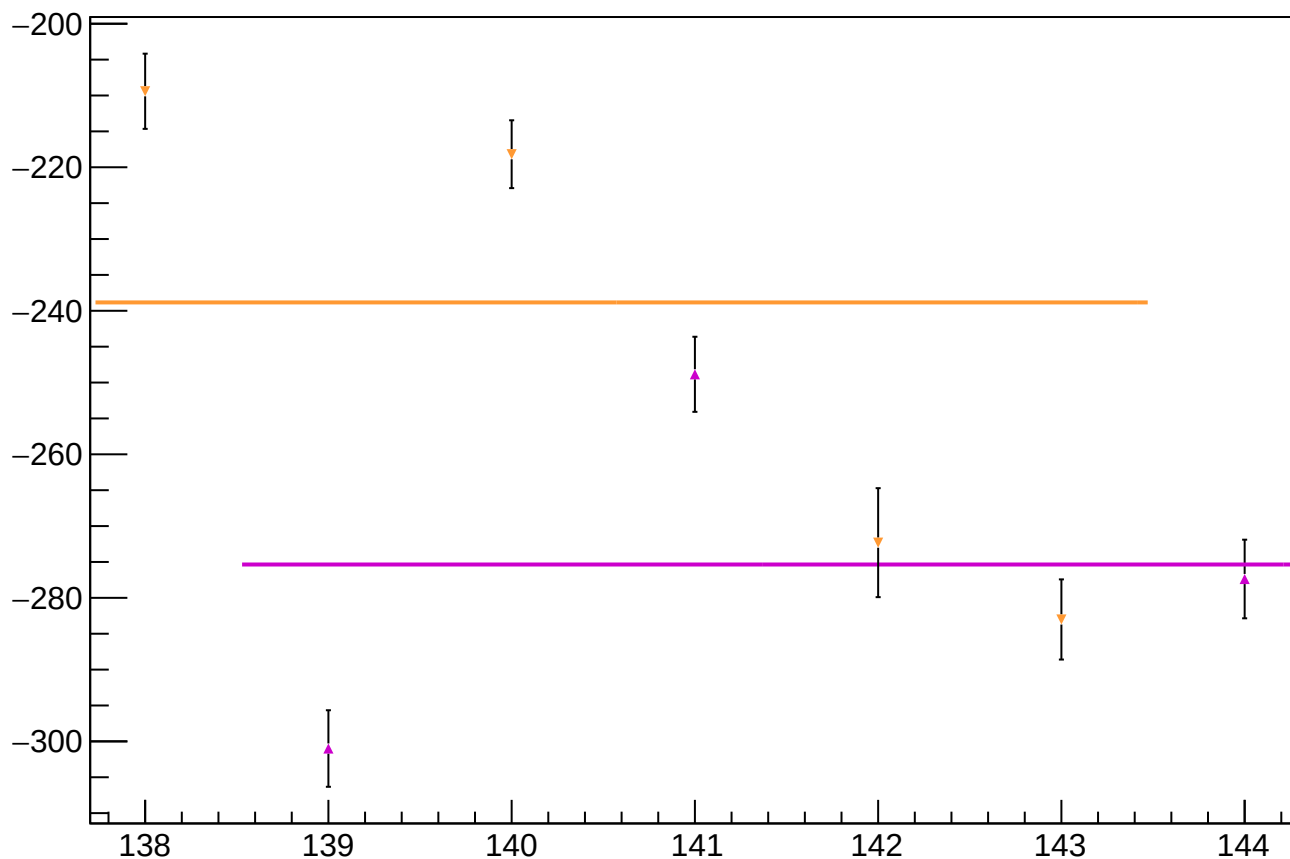
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 115.306 $\pm$ 0.061 χ^2 /NDF:391008.8/19

Out: 90.162 $\pm$ 0.055 χ^2 /NDF:770501.1/21

All: 101.515 $\pm$ 0.041 χ^2 /NDF: 1255203.8/41

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: -238.834+/-2.767 χ^2/NDF :132.6/3

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: -255.112+/-2.060 χ^2/NDF : 259.2/6

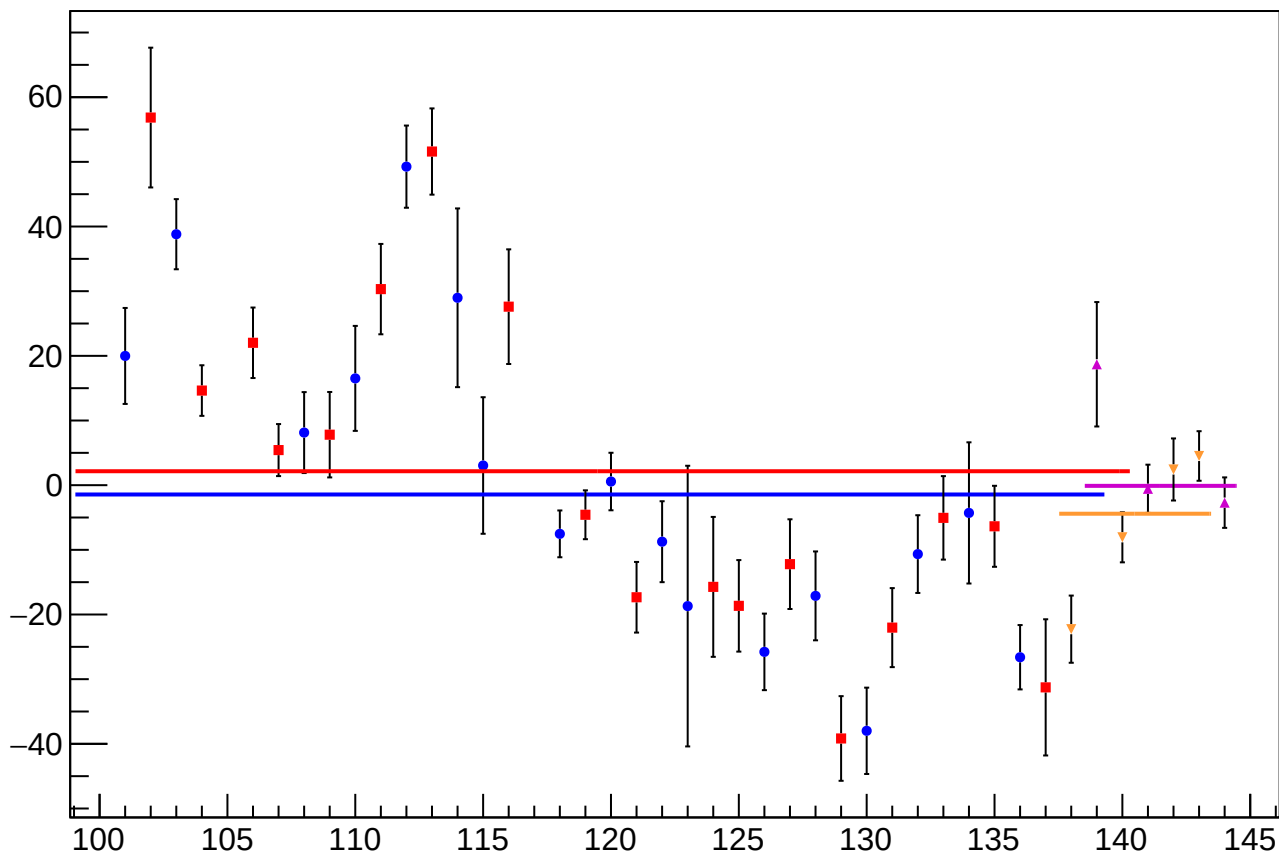
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.355+/-3.086 χ^2/NDF :48.9/2

Out: -238.834+/-2.767 χ^2/NDF :132.6/3

All: -255.112+/-2.060 χ^2/NDF : 259.2/6

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: -4.414 ± 2.155 $\chi^2/\text{NDF}: 20.2/3$

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: -2.655 ± 1.658 $\chi^2/\text{NDF}: 26.1/6$

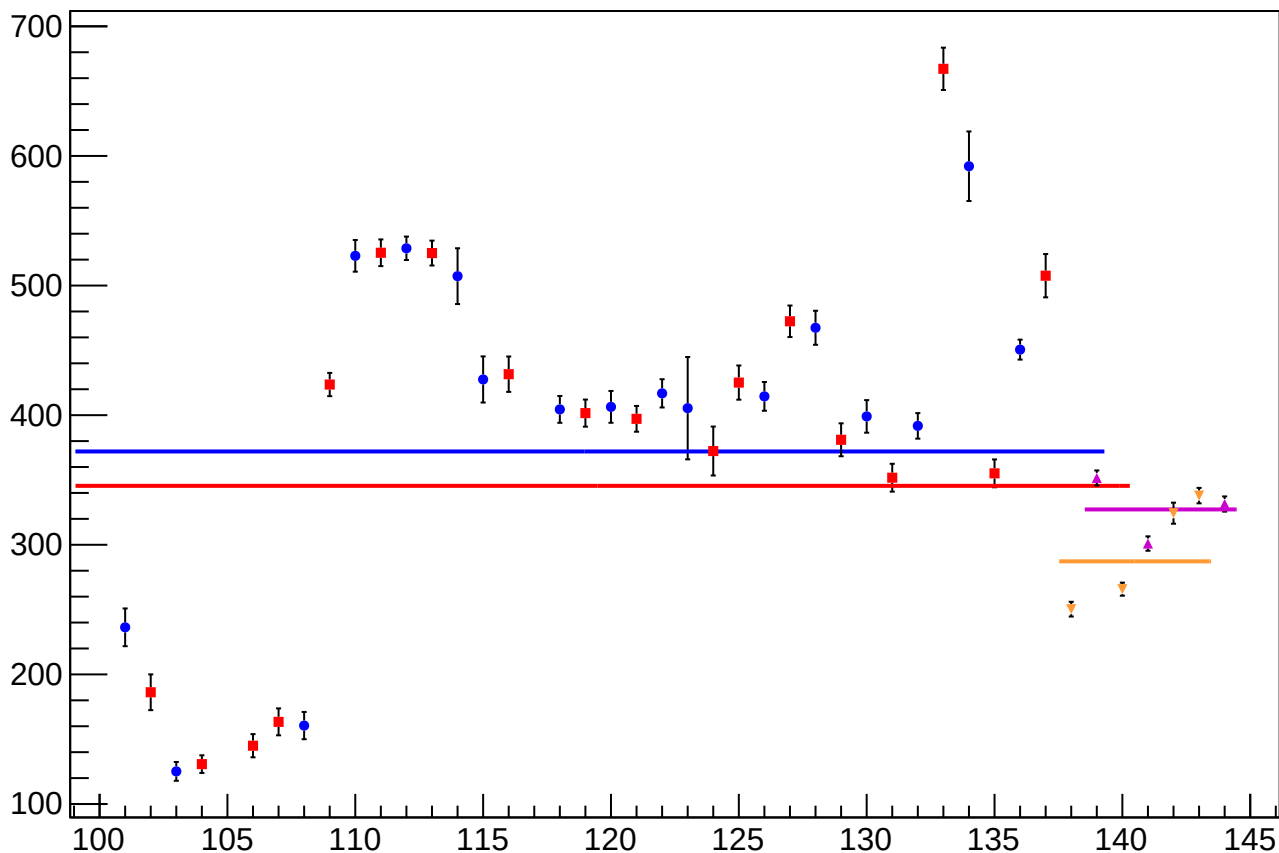
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: -1.100 ± 1.309 $\chi^2/\text{NDF}: 228.9/19$

Out: 0.205 ± 1.175 $\chi^2/\text{NDF}: 256.9/21$

All: -0.377 ± 0.874 $\chi^2/\text{NDF}: 486.3/41$

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: 287.228 $\pm$ 2.964 χ^2 /NDF:153.8/3

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: 305.064 $\pm$ 2.207 χ^2 /NDF: 275.8/6

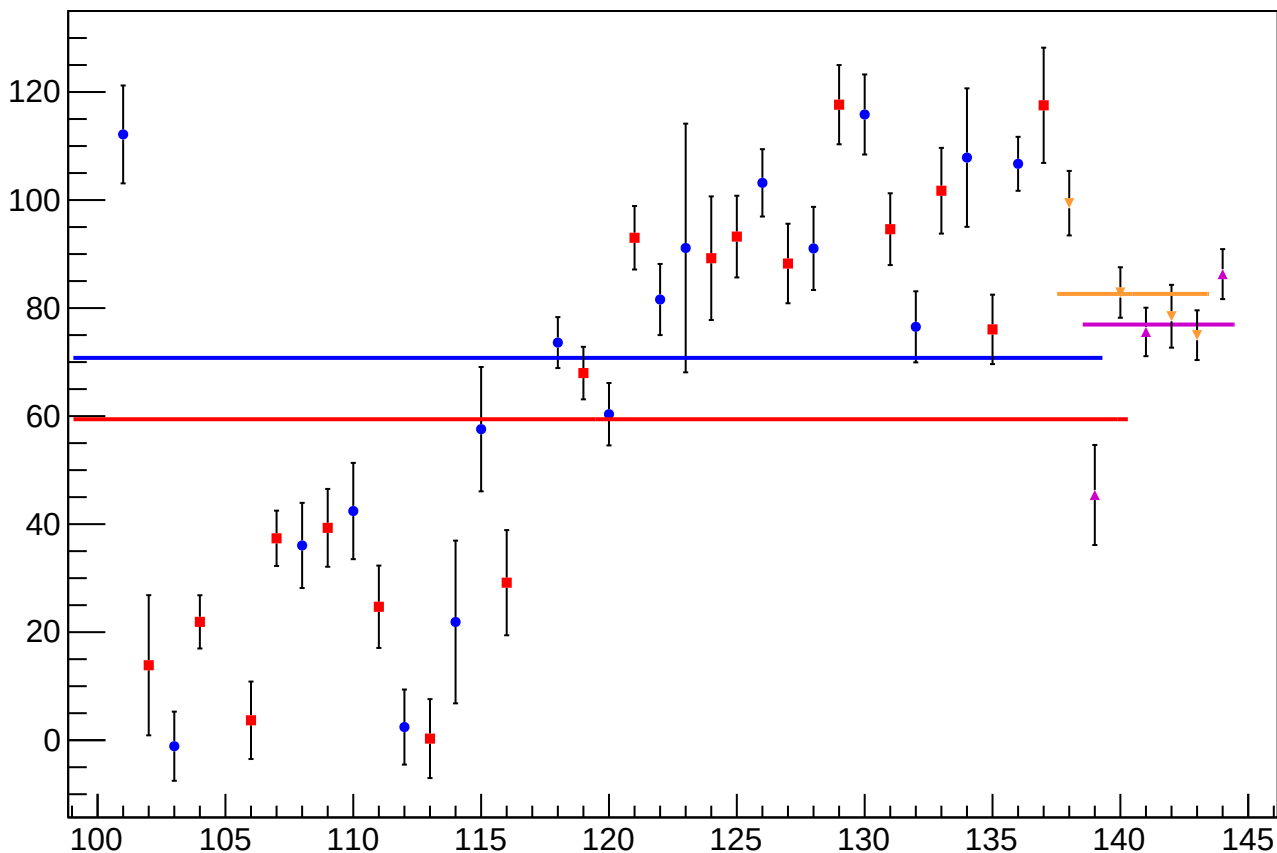
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 353.597 $\pm$ 2.121 χ^2 /NDF:2579.5/19

Out: 320.538 $\pm$ 1.939 χ^2 /NDF:3776.3/21

All: 335.590 $\pm$ 1.431 χ^2 /NDF: 6488.1/41

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: 82.624 $\pm$ 2.577 χ^2 /NDF:11.2/3

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: 80.254 $\pm$ 1.967 χ^2 /NDF: 29.0/6

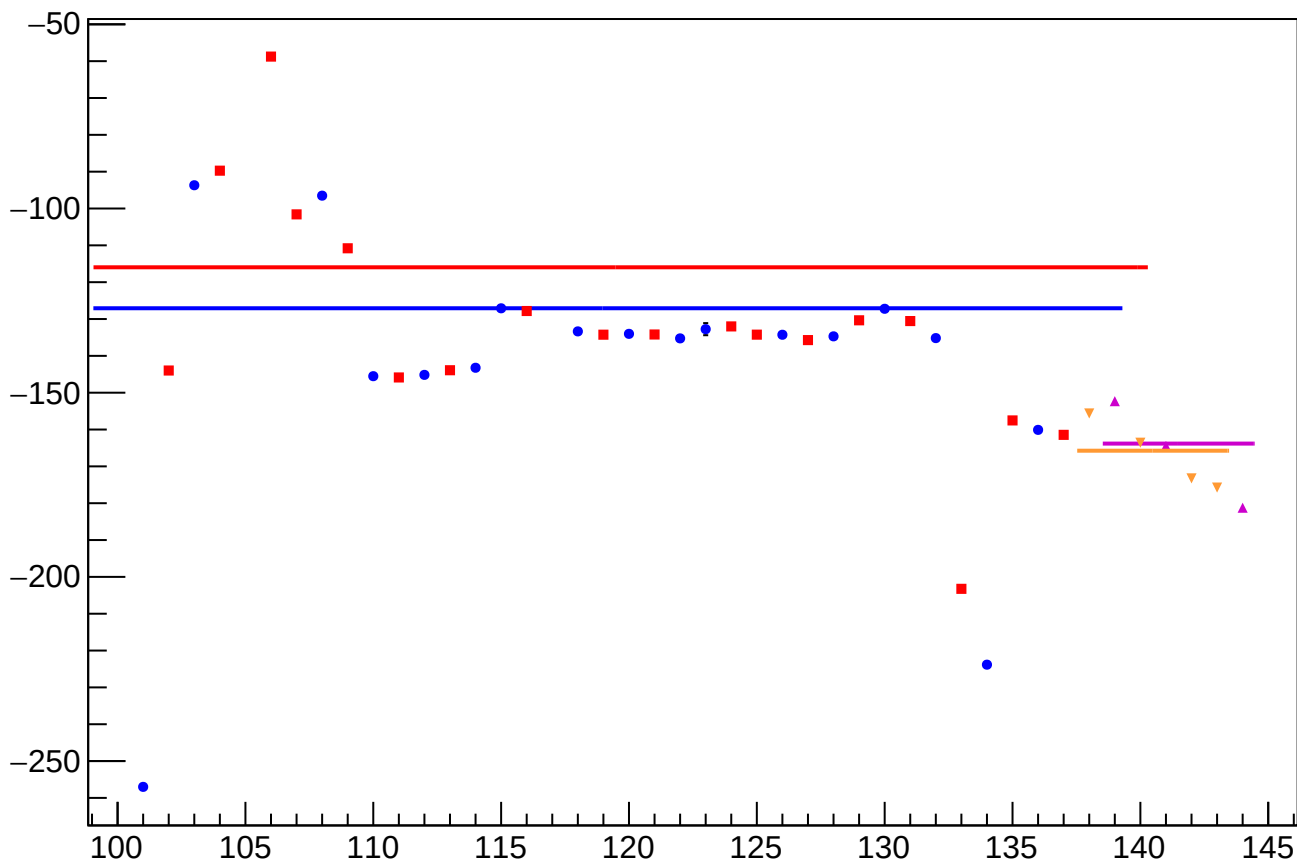
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 72.309 $\pm$ 1.515 χ^2 /NDF:442.8/19

Out: 66.062 $\pm$ 1.379 χ^2 /NDF:555.6/21

All: 68.893 $\pm$ 1.020 χ^2 /NDF: 1007.7/41

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: -165.747+/-0.122 χ^2/NDF : 4374.2/3

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: -164.843+/-0.089 χ^2/NDF : 12305.4/6

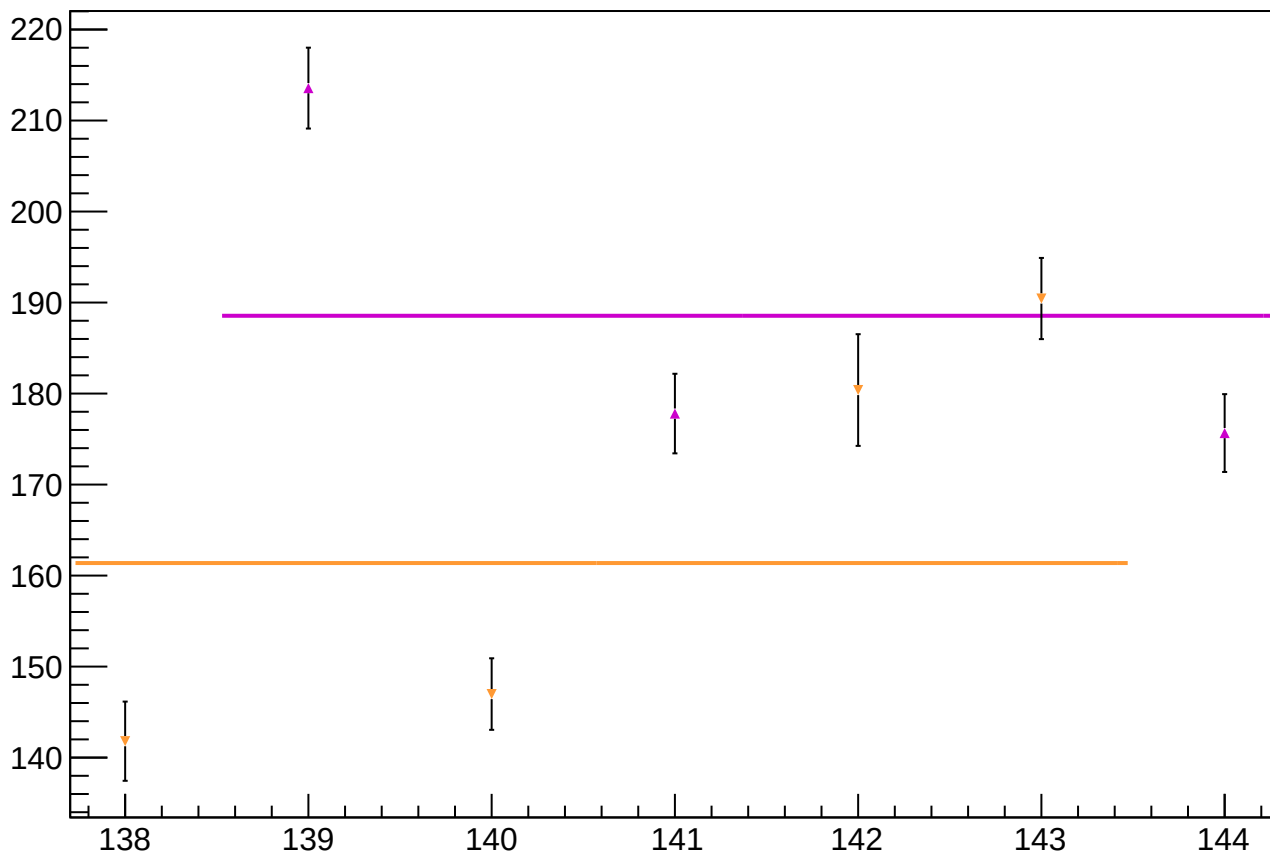
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.874+/-0.074 χ^2/NDF : 228923.2/19

Out: -131.681+/-0.069 χ^2/NDF : 276940.8/21

All: -135.021+/-0.050 χ^2/NDF : 510957.3/41

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: 161.377+/-2.268 χ^2/NDF :85.7/3

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: 173.547+/-1.685 χ^2/NDF : 196.8/6

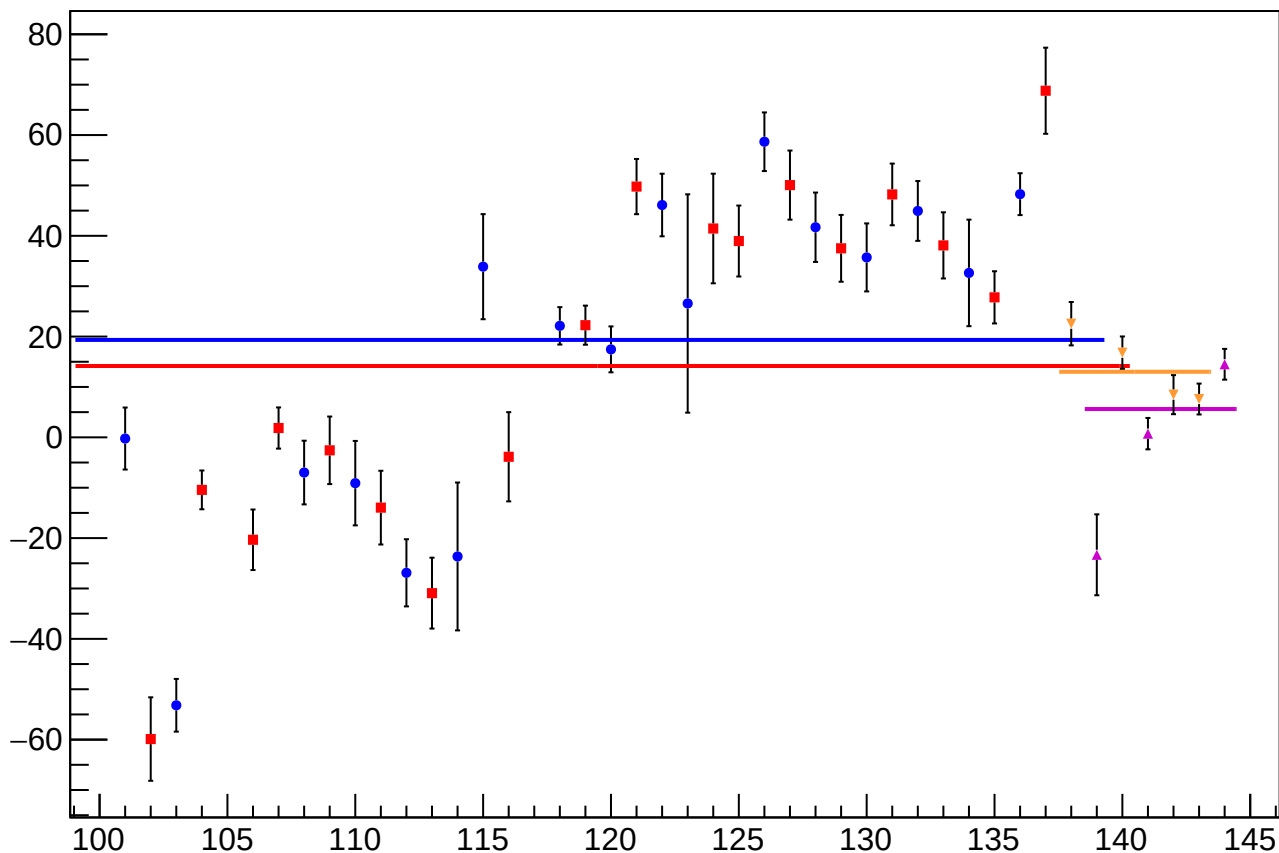
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 188.547+/-2.518 χ^2/NDF :46.8/2

Out: 161.377+/-2.268 χ^2/NDF :85.7/3

All: 173.547+/-1.685 χ^2/NDF : 196.8/6

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337+/-1.482 χ^2/NDF : 439.8/16

Left Out: 13.015+/-1.759 χ^2/NDF : 10.8/3

Right Out: 14.162+/-1.391 χ^2/NDF : 426.0/17

Left In: 5.622+/-2.106 χ^2/NDF : 23.9/2

Left: 9.977+/-1.350 χ^2/NDF : 41.9/6

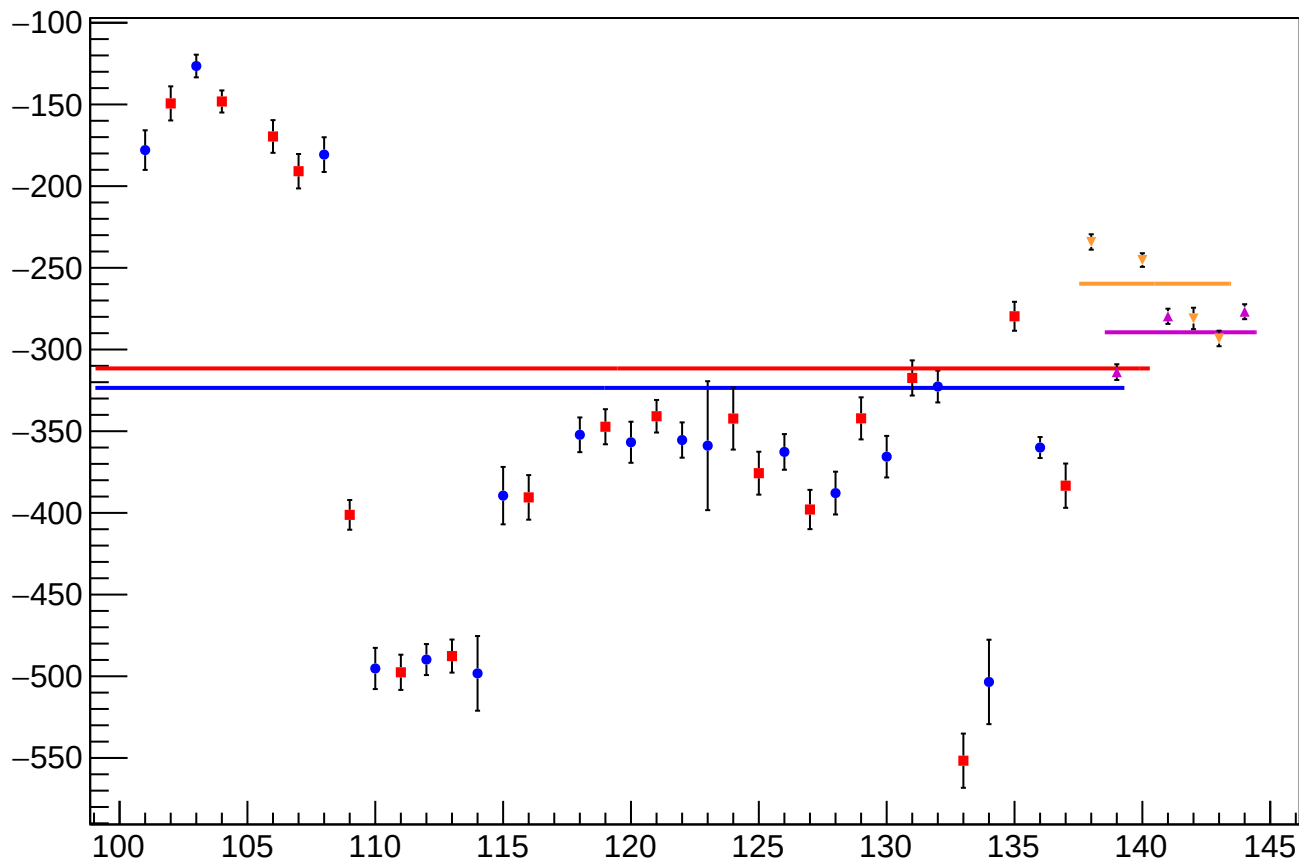
Right: 16.585+/-1.014 χ^2/NDF : 872.4/34

In: 14.793+/-1.212 χ^2/NDF : 492.1/19

Out: 13.720+/-1.091 χ^2/NDF : 437.1/21

All: 14.200+/-0.811 χ^2/NDF : 929.6/41

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: -259.716+/-2.430 χ^2/NDF :101.4/3

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: -273.027+/-1.806 χ^2/NDF : 206.2/6

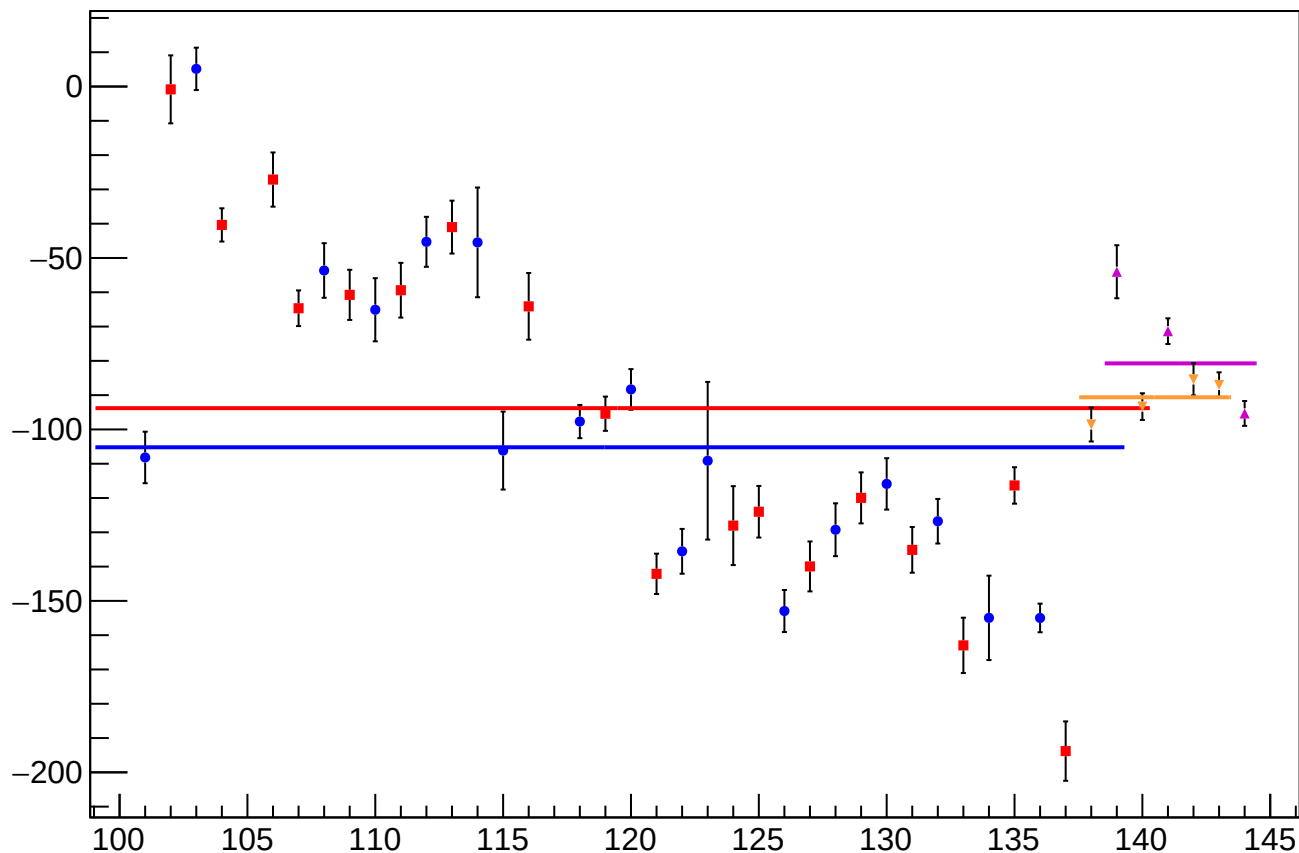
Right: -317.199+/-1.836 χ^2/NDF : 4101.9/34

In: -306.640+/-1.899 χ^2/NDF :1965.6/19

Out: -284.626+/-1.751 χ^2/NDF :2564.1/21

All: -294.744+/-1.287 χ^2/NDF : 4602.3/41

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203+/-1.697 χ^2/NDF : 735.6/16

Left Out: -90.627+/-2.103 χ^2/NDF : 5.2/3

Right Out: -93.793+/-1.611 χ^2/NDF : 815.4/17

Left In: -80.740+/-2.469 χ^2/NDF : 34.5/2

Left: -86.469+/-1.601 χ^2/NDF : 49.0/6

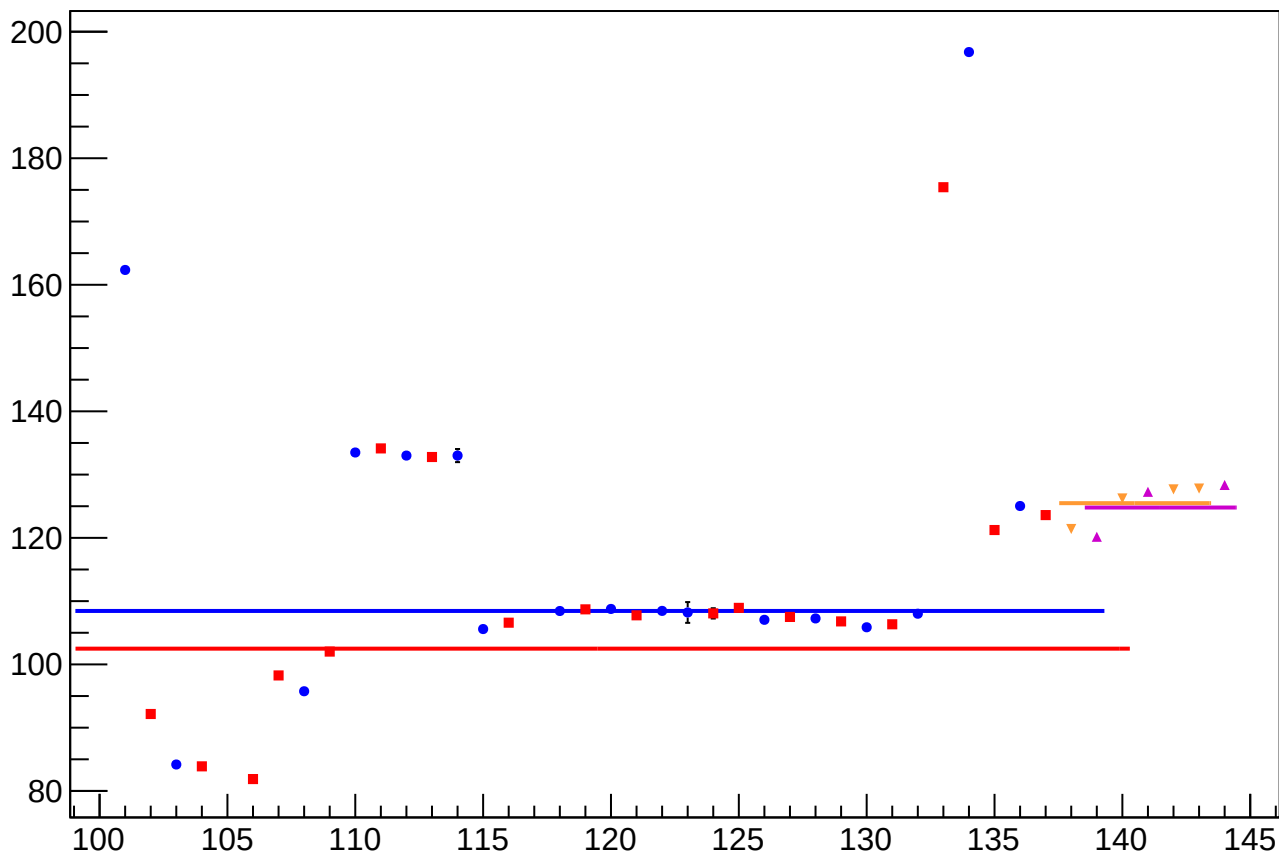
Right: -99.203+/-1.168 χ^2/NDF : 1574.8/34

In: -97.355+/-1.398 χ^2/NDF : 836.8/19

Out: -92.622+/-1.279 χ^2/NDF : 822.1/21

All: -94.778+/-0.944 χ^2/NDF : 1665.1/41

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: 125.485 $\pm$ 0.100 χ^2 /NDF: 704.8/3

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: 125.162 $\pm$ 0.073 χ^2 /NDF: 1959.6/6

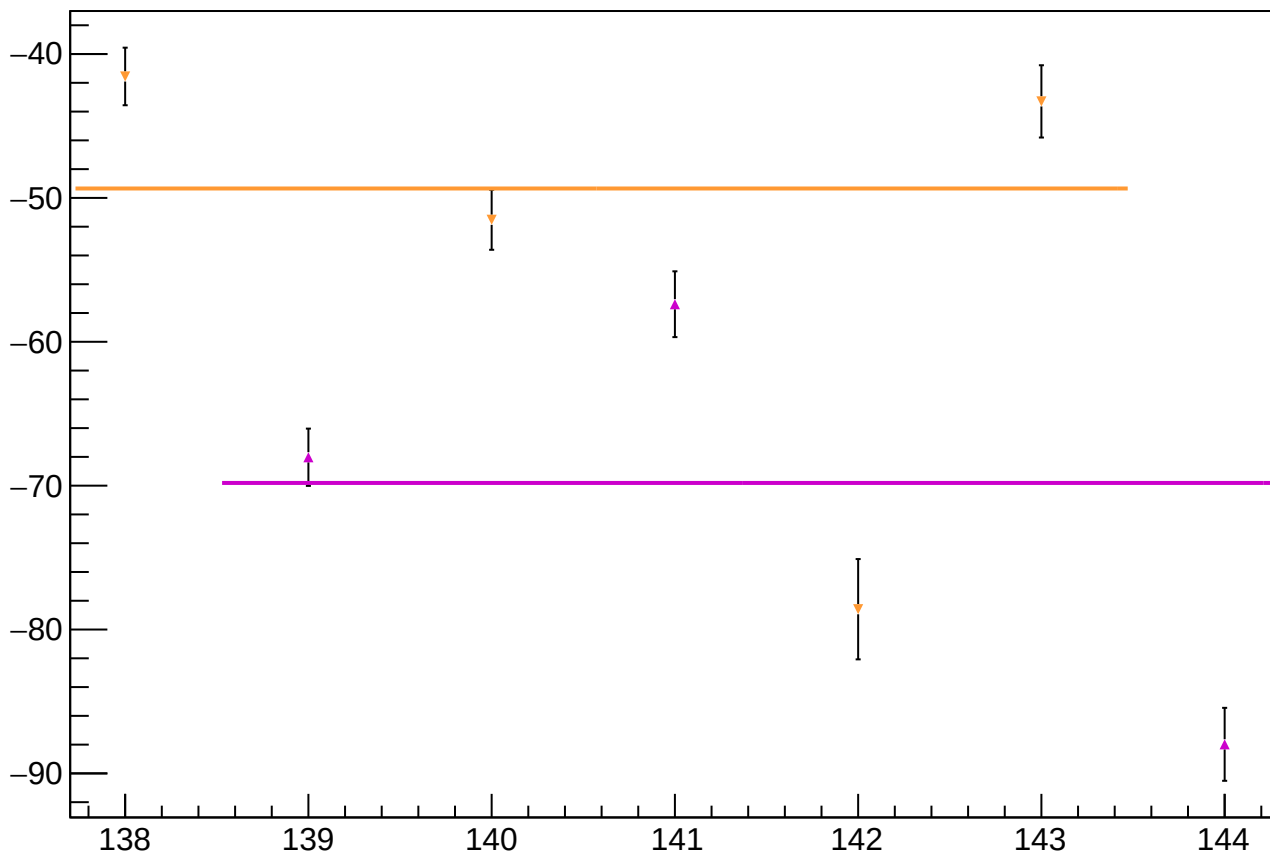
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 114.779 $\pm$ 0.066 χ^2 /NDF: 88891.7/19

Out: 111.402 $\pm$ 0.062 χ^2 /NDF: 85956.2/21

All: 112.984 $\pm$ 0.045 χ^2 /NDF: 176224.3/41

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: -49.345+/-1.178 χ^2/NDF : 92.4/3

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: -58.640+/-0.871 χ^2/NDF : 311.1/6

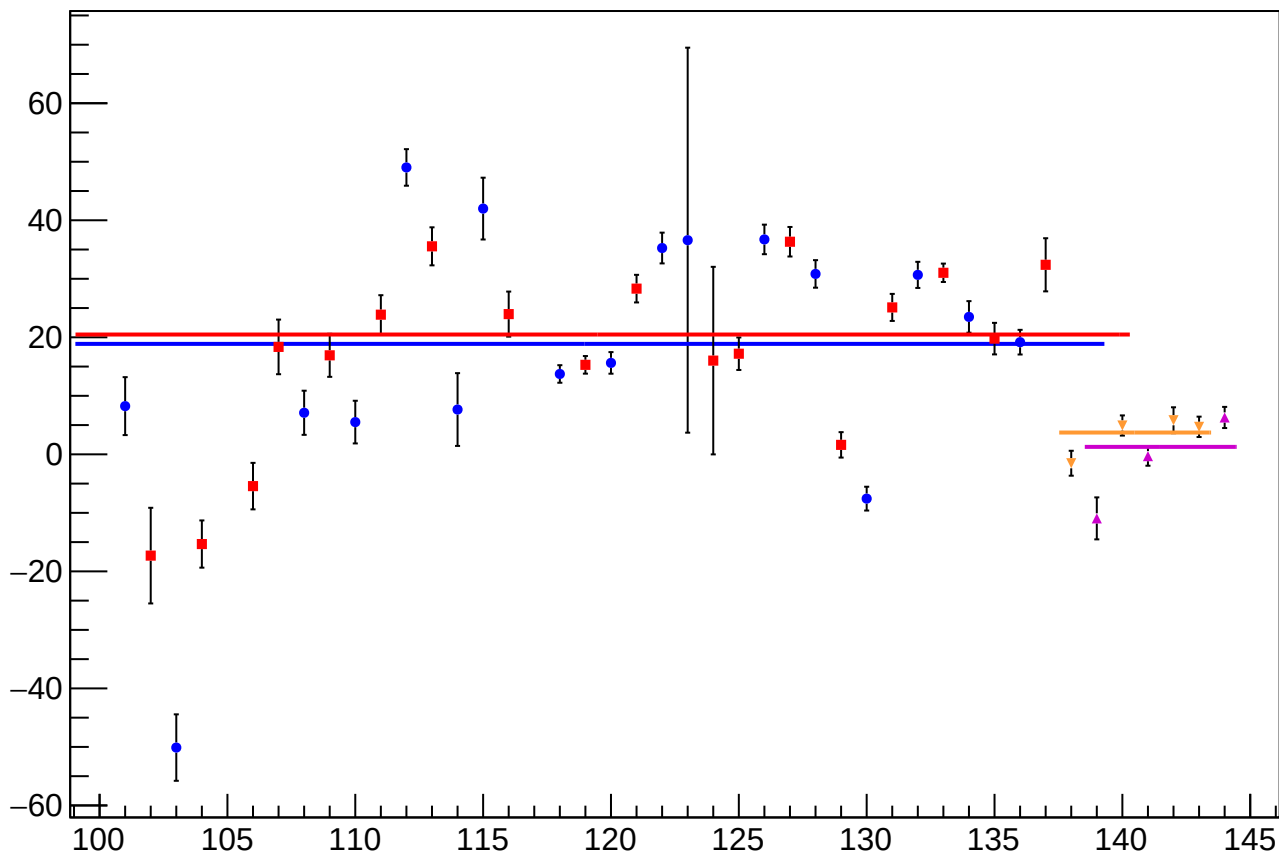
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.811+/-1.292 χ^2/NDF : 81.7/2

Out: -49.345+/-1.178 χ^2/NDF : 92.4/3

All: -58.640+/-0.871 χ^2/NDF : 311.1/6

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2/NDF : 620.5/16

Left Out: 3.726+/-0.957 χ^2/NDF : 7.8/3

Right Out: 20.474+/-0.644 χ^2/NDF : 362.4/17

Left In: 1.275+/-1.149 χ^2/NDF : 20.3/2

Left: 2.723+/-0.735 χ^2/NDF : 30.7/6

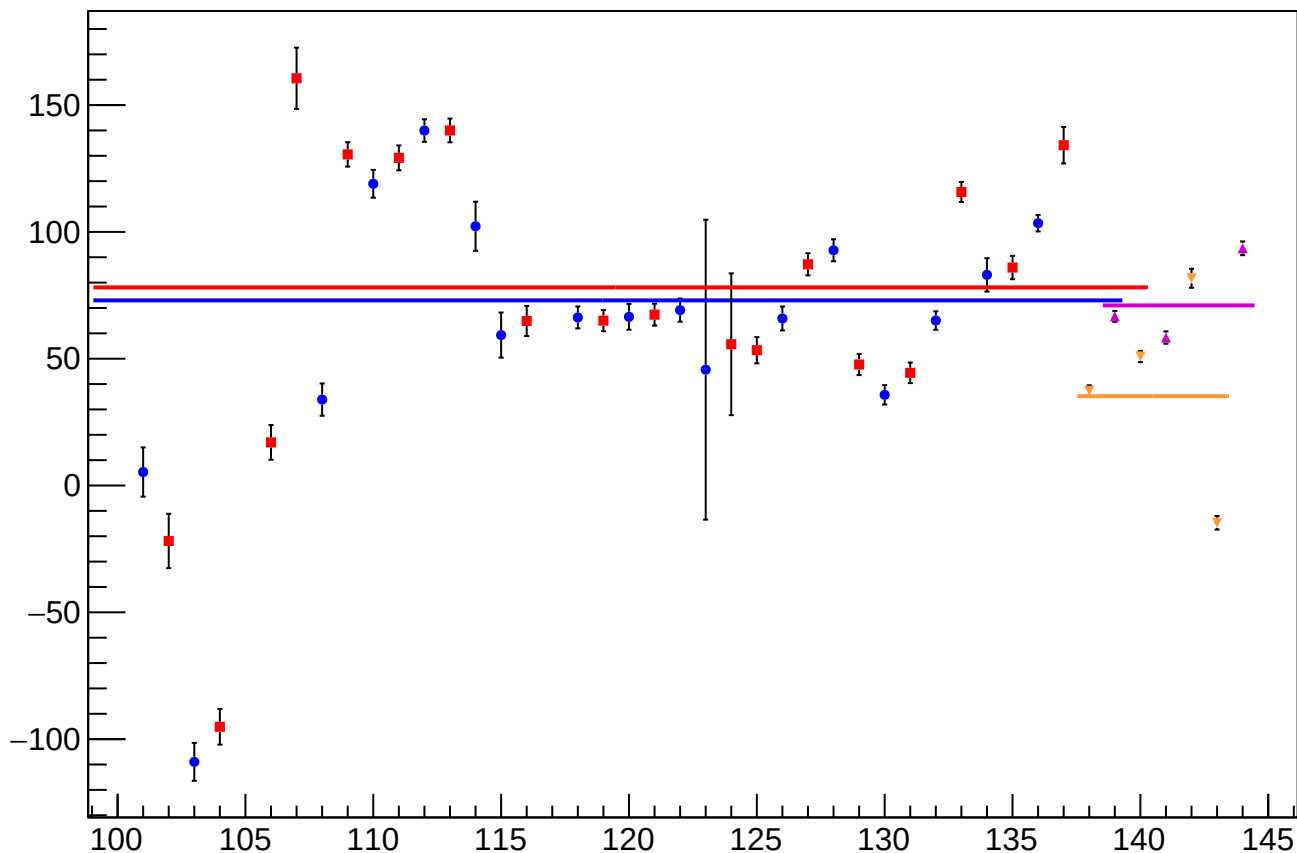
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 14.667+/-0.562 χ^2/NDF : 819.2/19

Out: 15.259+/-0.534 χ^2/NDF : 581.1/21

All: 14.978+/-0.387 χ^2/NDF : 1400.9/41

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: 35.225 $\pm$ 1.264 χ^2 /NDF:552.9/3

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: 51.472 $\pm$ 0.934 χ^2 /NDF: 1016.8/6

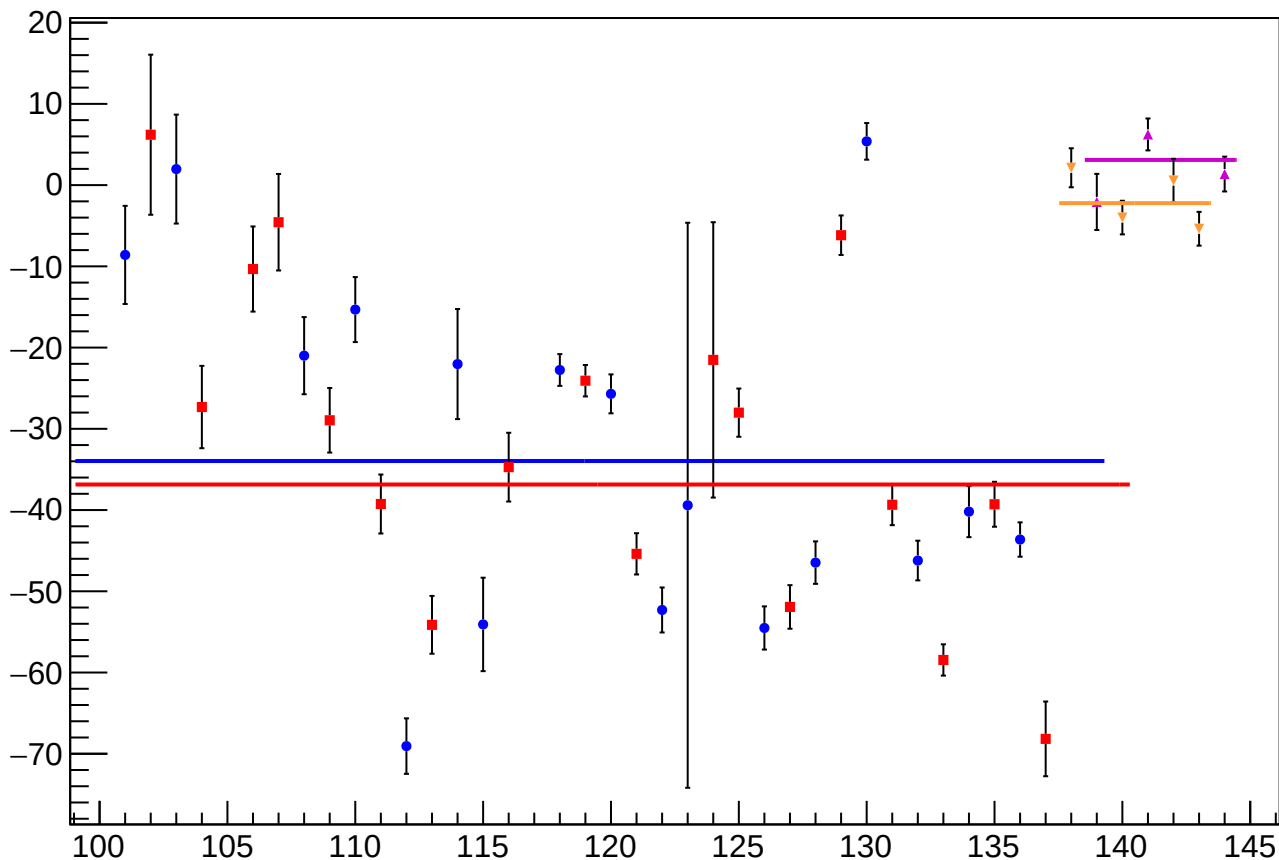
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 72.116 $\pm$ 0.920 χ^2 /NDF:1306.8/19

Out: 57.366 $\pm$ 0.879 χ^2 /NDF:2694.0/21

All: 64.408 $\pm$ 0.636 χ^2 /NDF: 4135.1/41

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: -2.218 ± 1.134 χ^2/NDF : 7.4/3

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: 0.009 ± 0.864 χ^2/NDF : 22.1/6

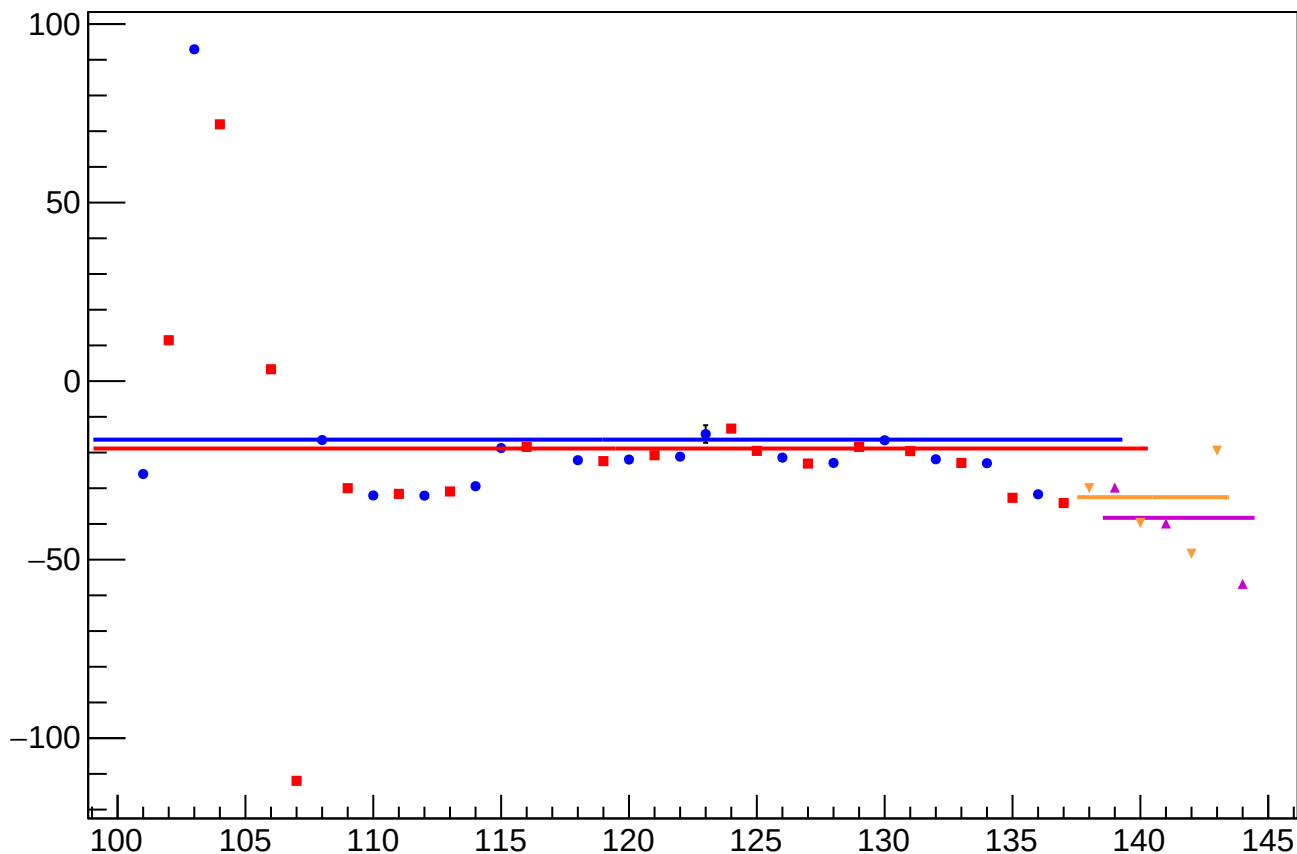
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -25.301 ± 0.646 χ^2/NDF : 1317.6/19

Out: -26.565 ± 0.618 χ^2/NDF : 1199.1/21

All: -25.961 ± 0.446 χ^2/NDF : 2518.7/41

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: -32.503 ± 0.051 $\chi^2/\text{NDF}: 32331.3/3$

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: -35.278 ± 0.037 $\chi^2/\text{NDF}: 75297.2/6$

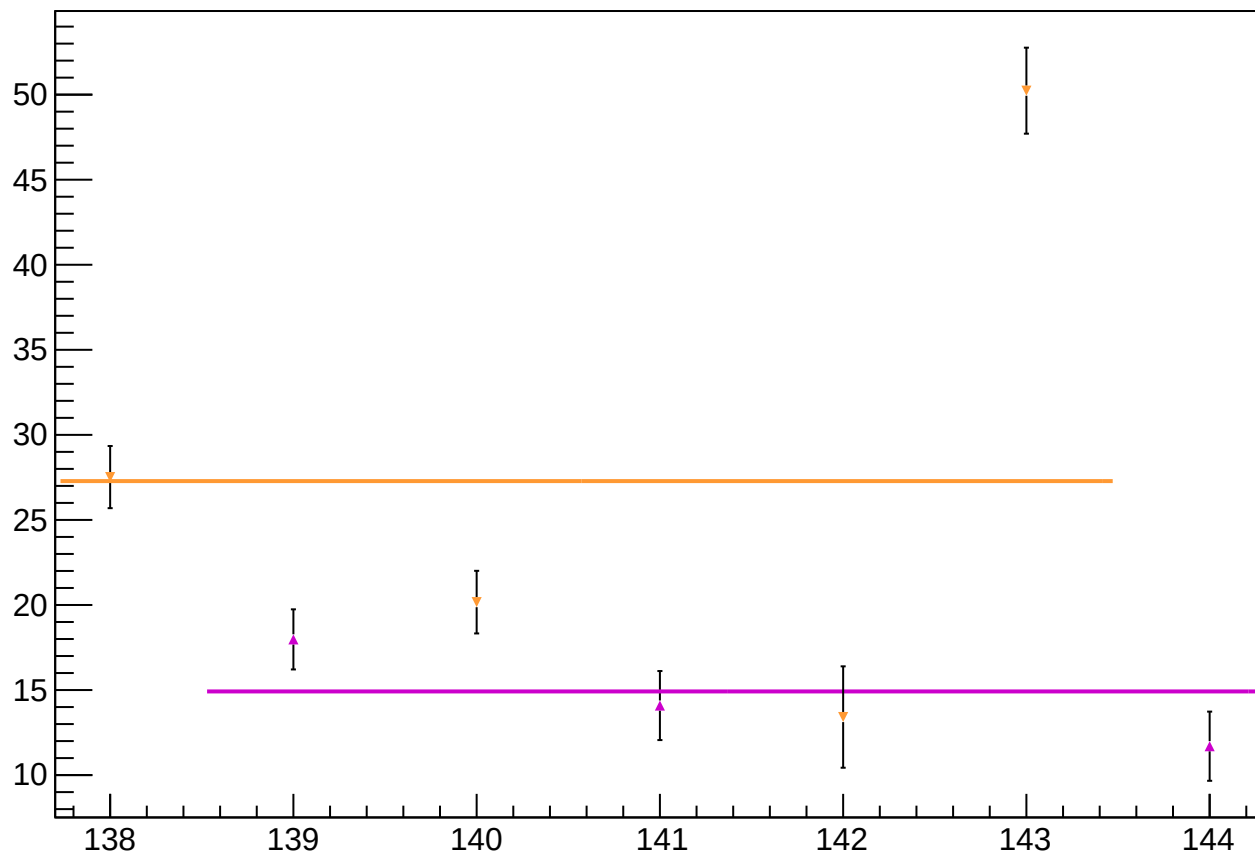
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -25.319 ± 0.034 $\chi^2/\text{NDF}: 610142.9/19$

Out: -24.823 ± 0.034 $\chi^2/\text{NDF}: 505240.3/21$

All: -25.070 ± 0.024 $\chi^2/\text{NDF}: 1115488.9/41$

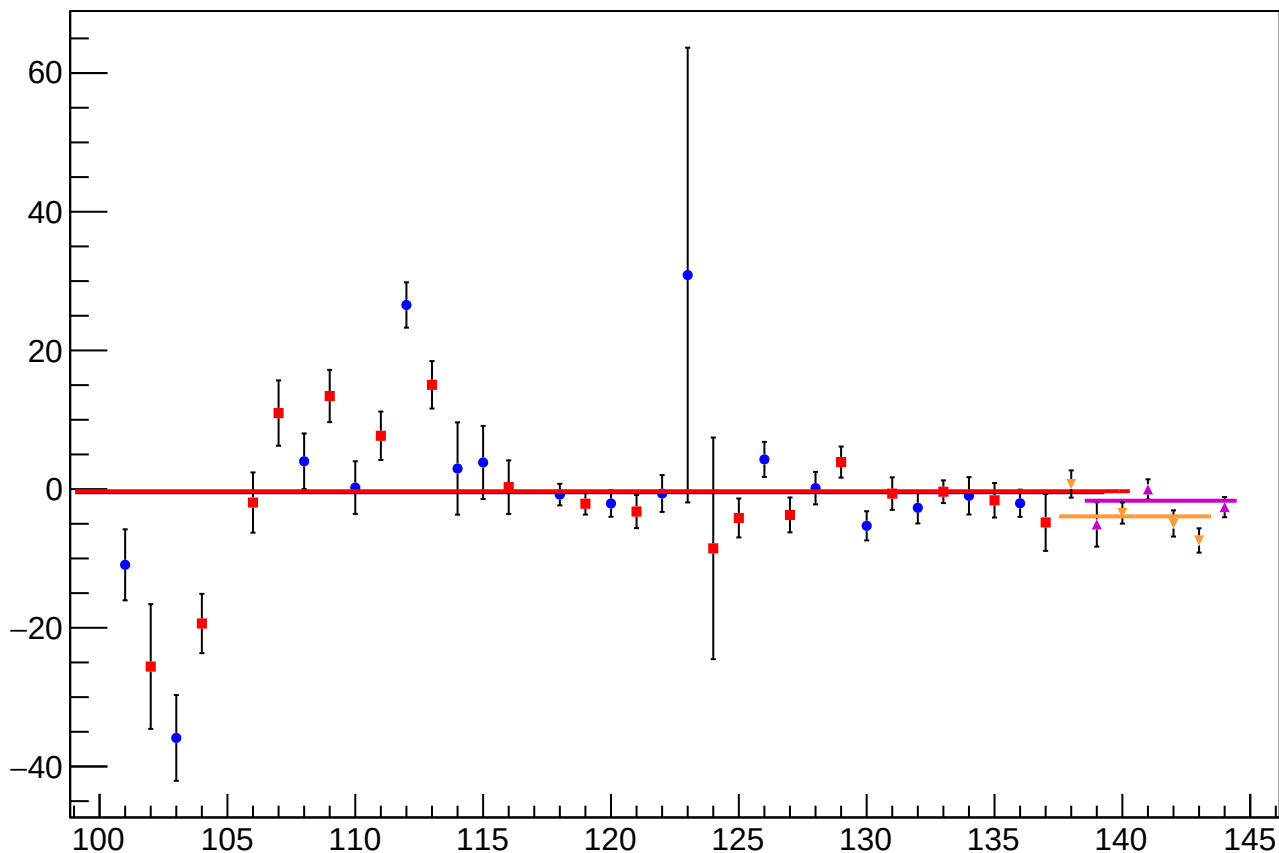
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 27.283+/-1.076 χ^2/NDF :119.0/3
 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: 21.318+/-0.774 χ^2/NDF : 188.4/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 14.918+/-1.114 χ^2/NDF :5.7/2
 Out: 27.283+/-1.076 χ^2/NDF :119.0/3
 All: 21.318+/-0.774 χ^2/NDF : 188.4/6

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: -3.932 ± 0.879 χ^2/NDF : 10.0/3

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: -2.927 ± 0.654 χ^2/NDF : 15.7/6

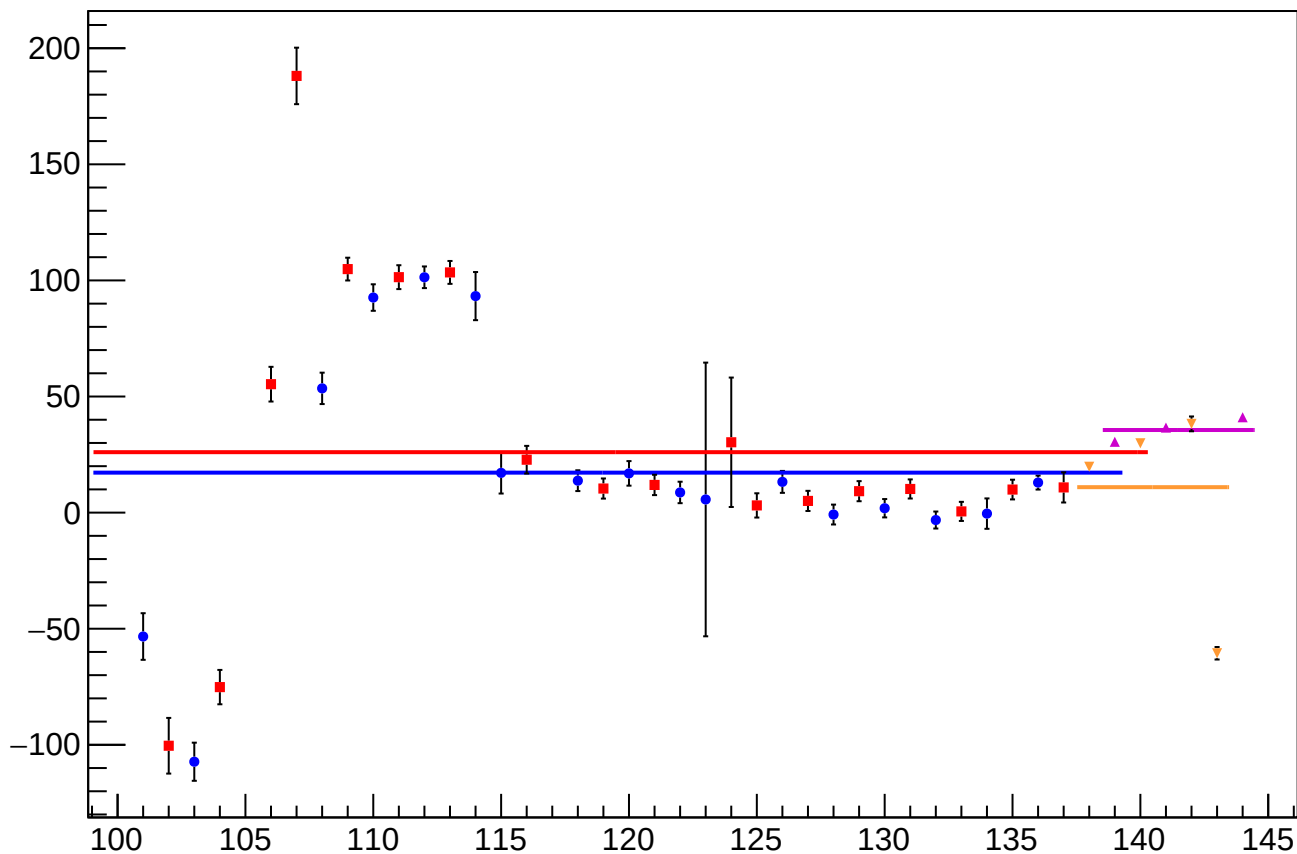
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.829 ± 0.544 χ^2/NDF : 123.4/19

Out: -1.607 ± 0.526 χ^2/NDF : 105.0/21

All: -1.231 ± 0.378 χ^2/NDF : 229.5/41

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 10.958 $\pm$ 1.154 χ^2 /NDF:889.2/3

Right Out: 26.032 $\pm$ 1.244 χ^2 /NDF: 1366.0/17

Left In: 35.577 $\pm$ 1.195 χ^2 /NDF:13.6/2

Left: 22.837 $\pm$ 0.830 χ^2 /NDF: 1122.3/6

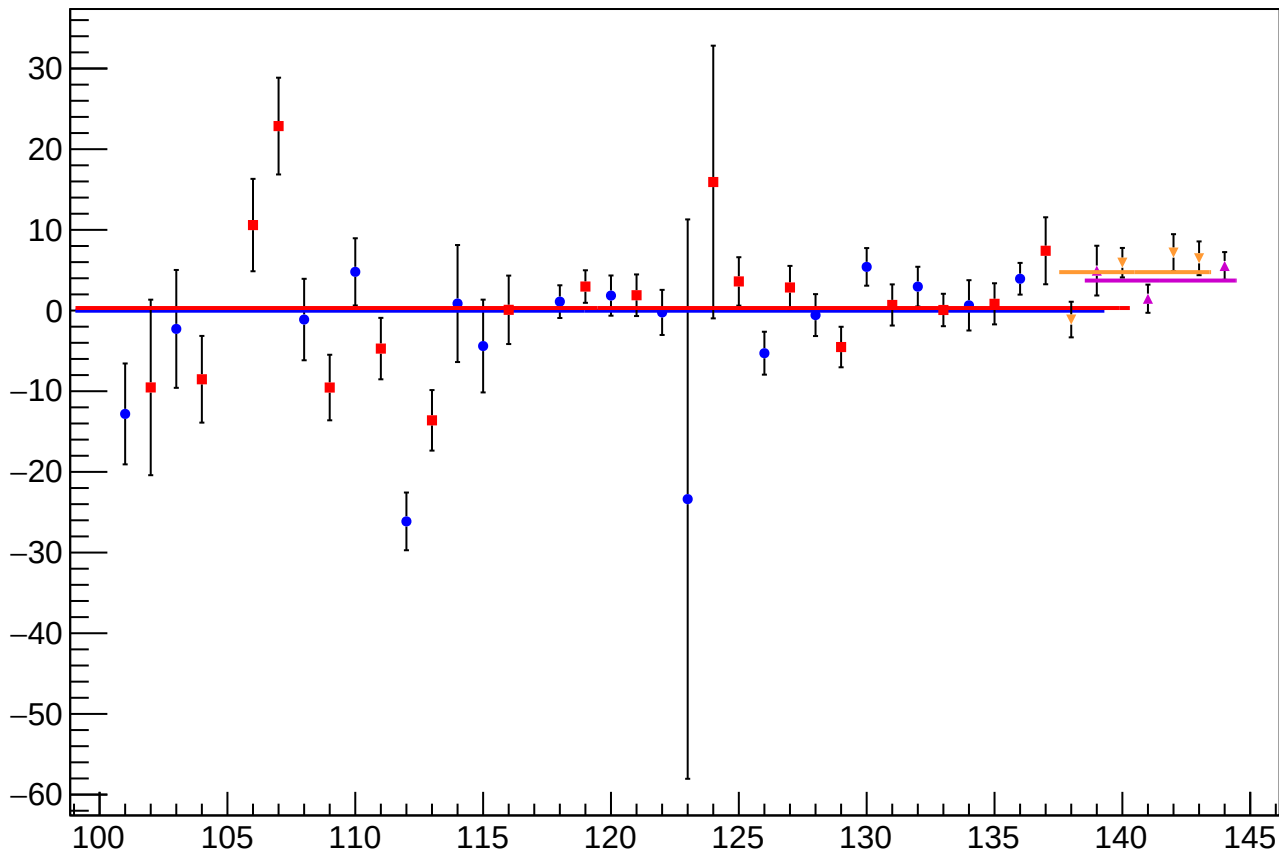
Right: 21.614 $\pm$ 0.879 χ^2 /NDF: 2331.3/34

In: 26.740 $\pm$ 0.861 χ^2 /NDF:1067.3/19

Out: 17.932 $\pm$ 0.846 χ^2 /NDF:2334.1/21

All: 22.260 $\pm$ 0.603 χ^2 /NDF: 3454.6/41

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 $\chi^2/\text{NDF}: 75.8/16$

Left Out: 4.760 ± 1.040 $\chi^2/\text{NDF}: 9.3/3$

Right Out: 0.311 ± 0.749 $\chi^2/\text{NDF}: 54.1/17$

Left In: 3.717 ± 1.139 $\chi^2/\text{NDF}: 2.9/2$

Left: 4.286 ± 0.768 $\chi^2/\text{NDF}: 12.7/6$

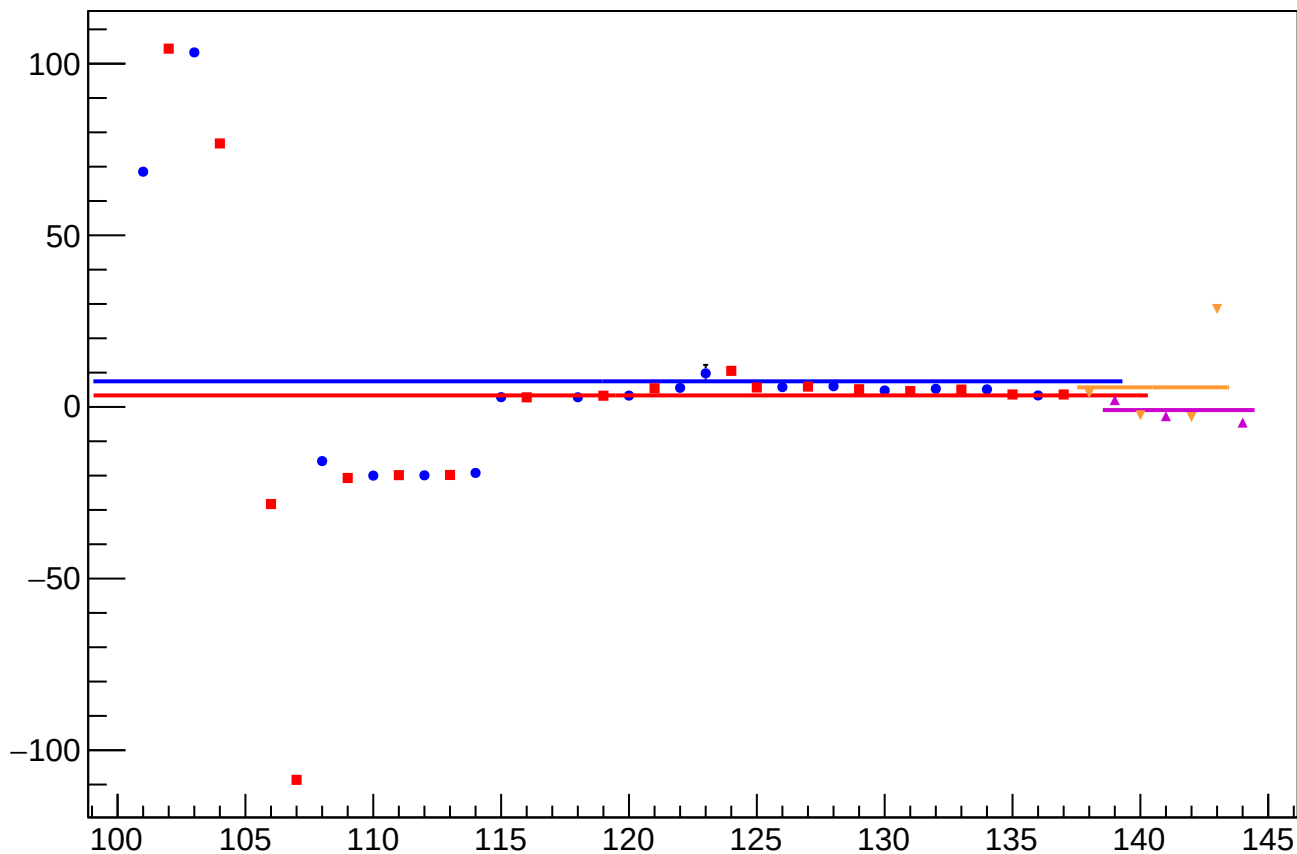
Right: 0.144 ± 0.528 $\chi^2/\text{NDF}: 130.0/34$

In: 1.098 ± 0.623 $\chi^2/\text{NDF}: 86.3/19$

Out: 1.833 ± 0.608 $\chi^2/\text{NDF}: 75.4/21$

All: 1.475 ± 0.435 $\chi^2/\text{NDF}: 162.5/41$

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: 5.712 ± 0.047 χ^2/NDF : 58659.5/3

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: 2.370 ± 0.033 χ^2/NDF : 72459.3/6

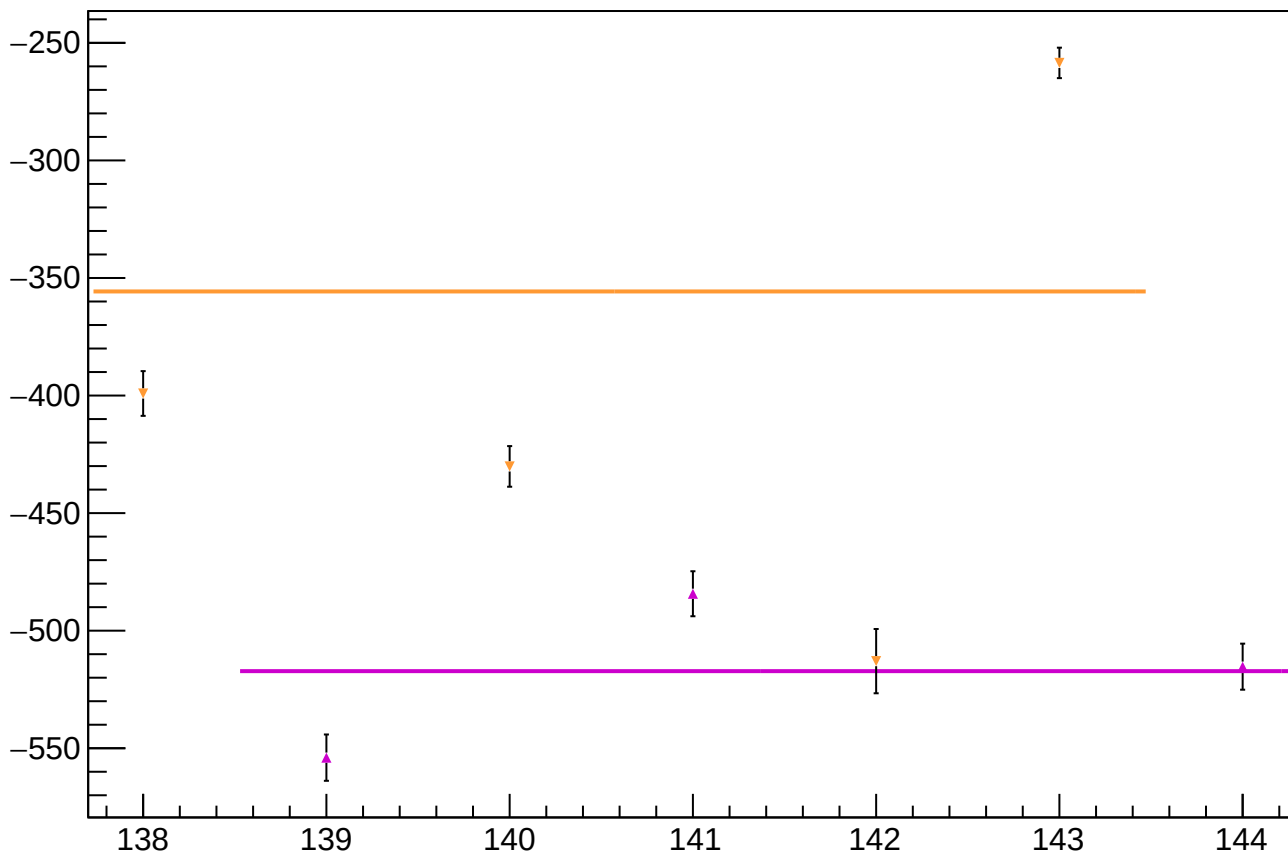
Right: 5.466 ± 0.032 χ^2/NDF : 864856.4/34

In: 3.466 ± 0.032 χ^2/NDF : 376597.9/19

Out: 4.502 ± 0.033 χ^2/NDF : 564760.2/21

All: 3.975 ± 0.023 χ^2/NDF : 941868.3/41

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: -355.726+/-4.318 χ^2/NDF :452.4/3

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: -415.672+/-3.424 χ^2/NDF : 997.4/6

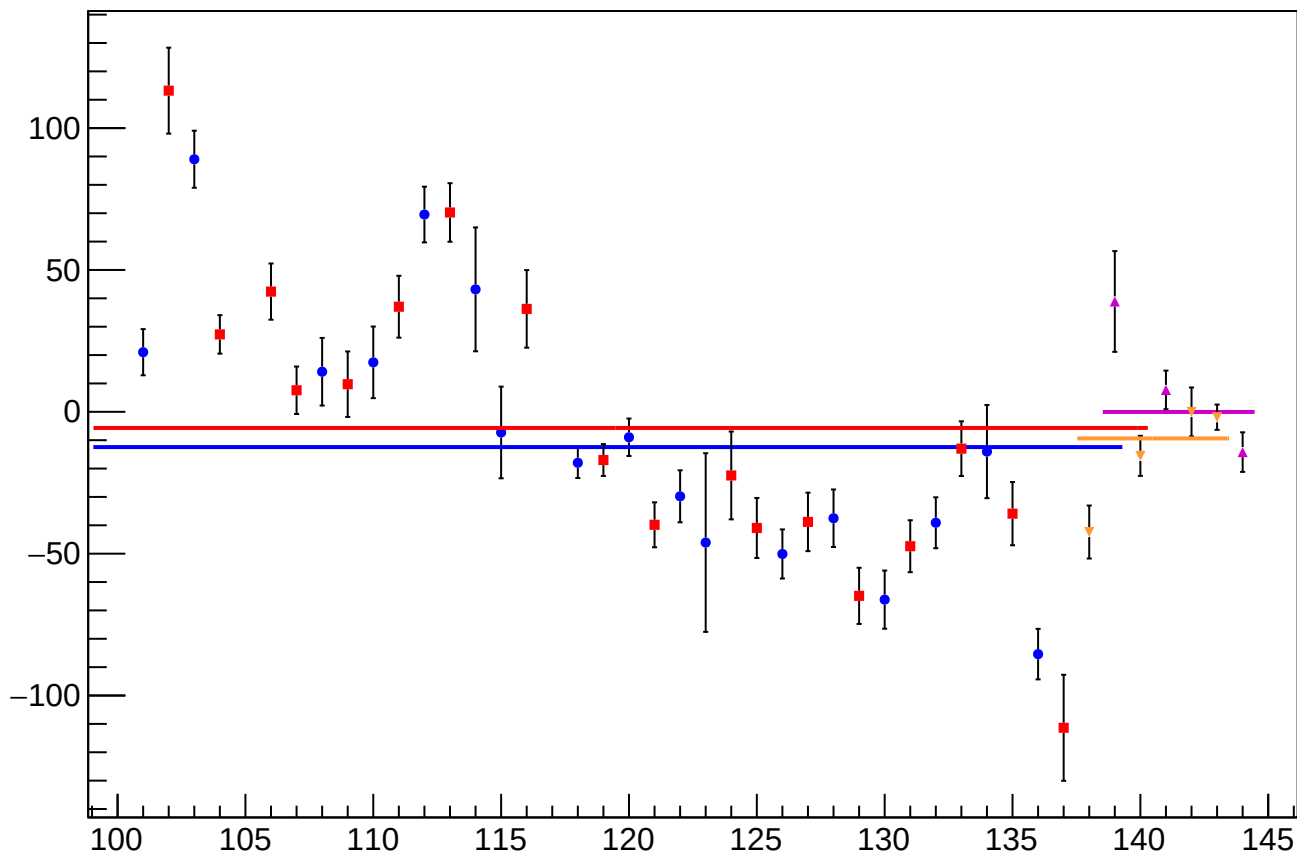
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.208+/-5.620 χ^2/NDF :25.8/2

Out: -355.726+/-4.318 χ^2/NDF :452.4/3

All: -415.672+/-3.424 χ^2/NDF : 997.4/6

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: -9.380 ± 3.241 χ^2/NDF : 17.2/3

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: -6.374 ± 2.668 χ^2/NDF : 30.1/6

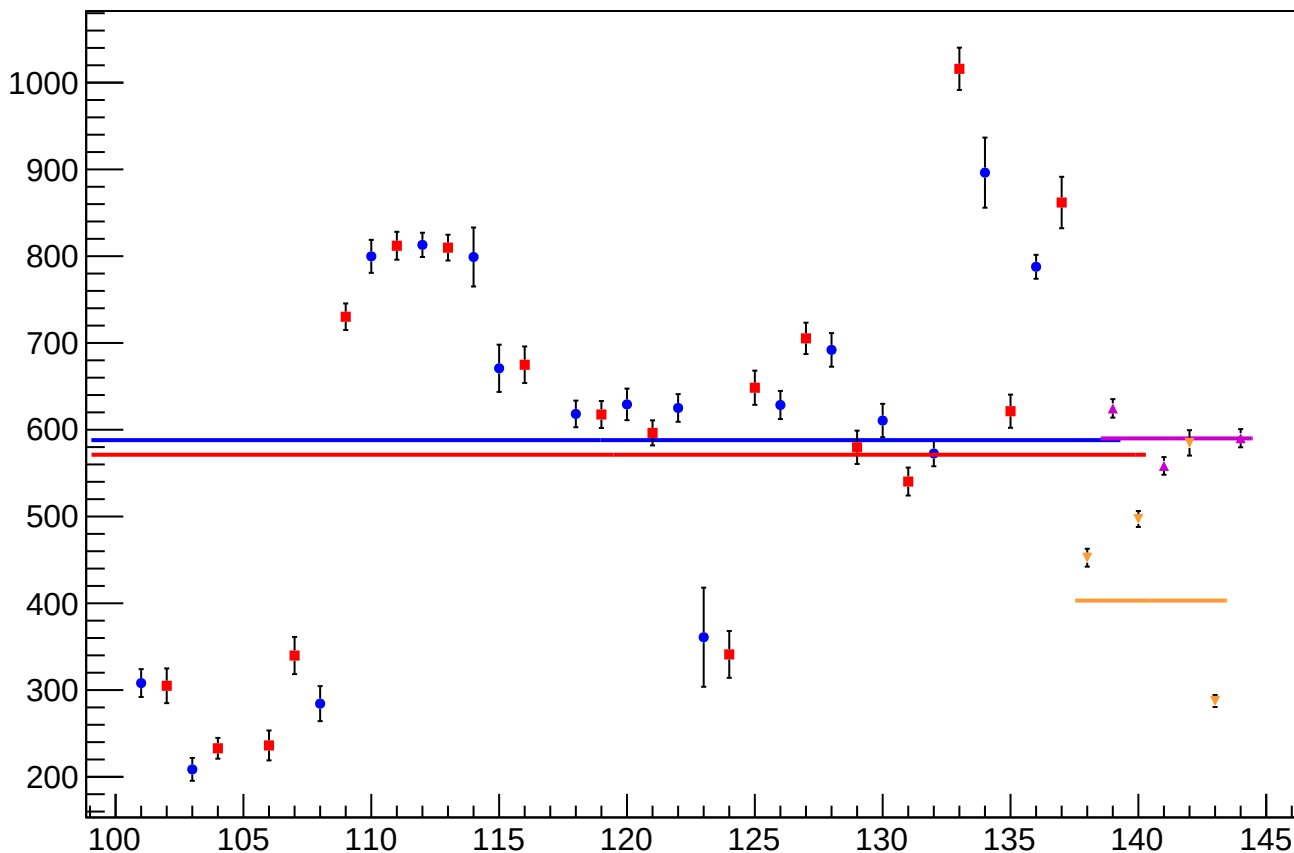
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -10.014 ± 2.077 χ^2/NDF : 356.0/19

Out: -6.897 ± 1.855 χ^2/NDF : 351.7/21

All: -8.280 ± 1.384 χ^2/NDF : 709.0/41

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: 403.107 $\pm$ 4.620 χ^2 /NDF:562.2/3

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: 472.350 $\pm$ 3.666 χ^2 /NDF: 1188.8/6

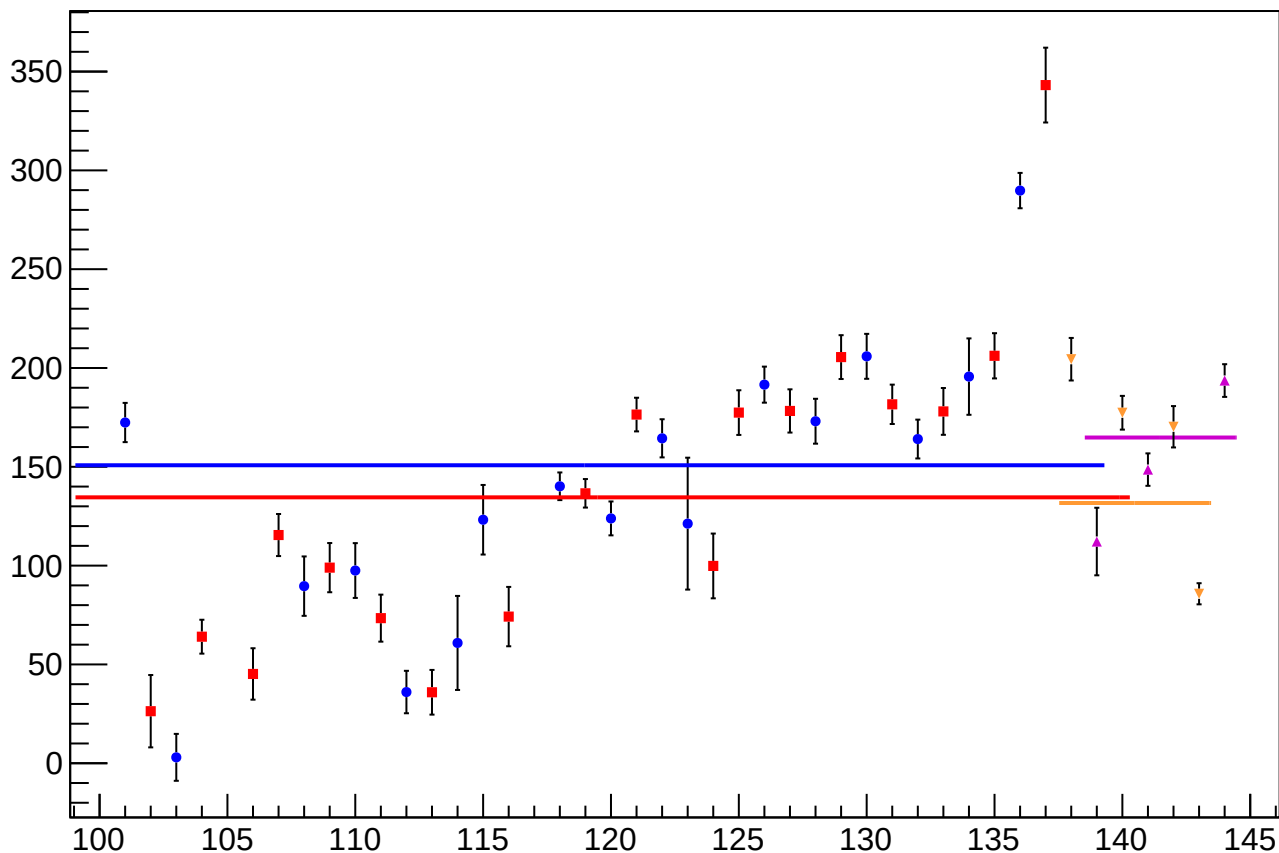
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 588.712 $\pm$ 3.515 χ^2 /NDF:2148.0/19

Out: 496.123 $\pm$ 3.088 χ^2 /NDF:3975.1/21

All: 536.447 $\pm$ 2.320 χ^2 /NDF: 6514.7/41

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785+/-2.679 χ^2/NDF : 633.1/16

Left Out: 131.689+/-3.879 χ^2/NDF :161.7/3

Right Out: 134.549+/-2.619 χ^2/NDF : 576.2/17

Left In: 164.819+/-5.516 χ^2/NDF :25.5/2

Left: 142.653+/-3.173 χ^2/NDF : 211.4/6

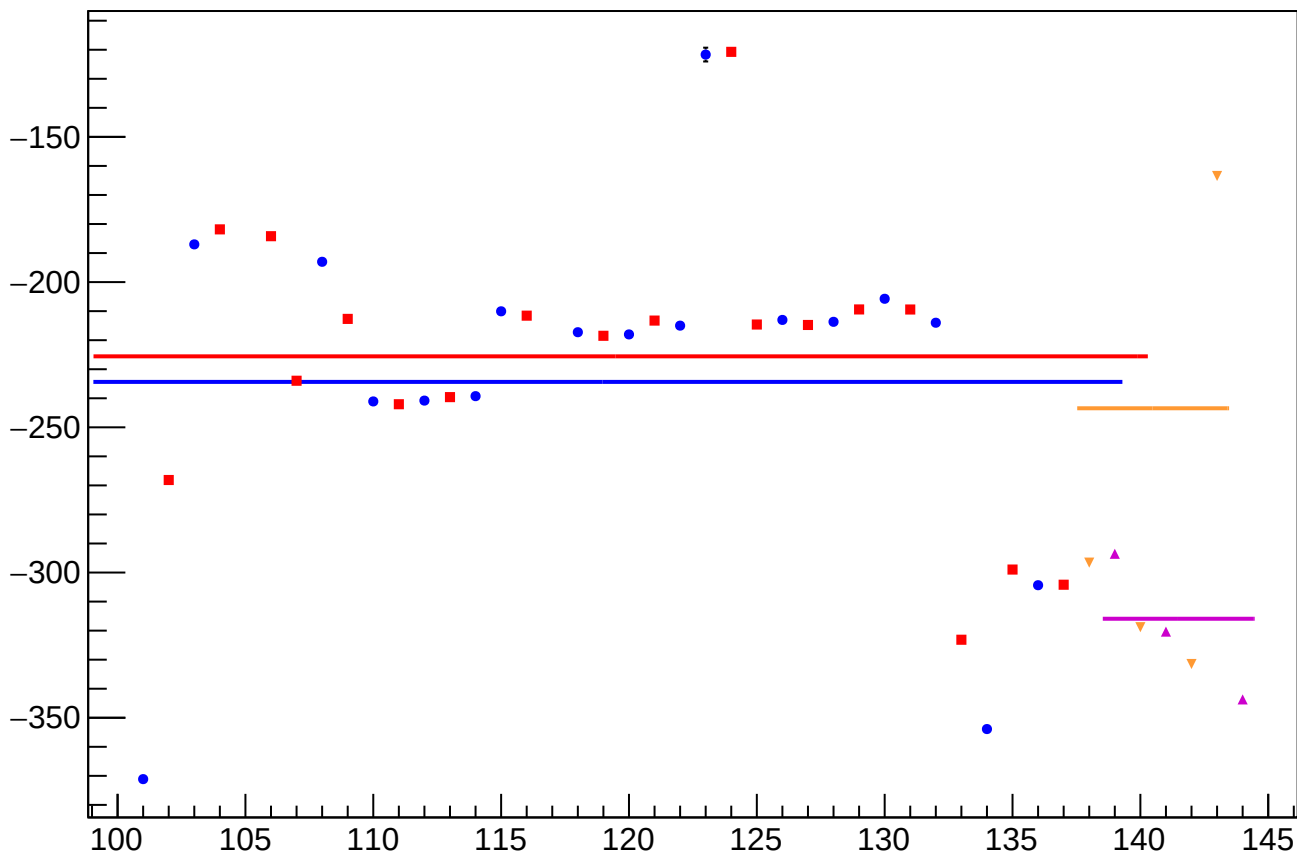
Right: 142.483+/-1.873 χ^2/NDF : 1228.1/34

In: 153.465+/-2.410 χ^2/NDF :663.9/19

Out: 133.653+/-2.171 χ^2/NDF :738.3/21

All: 142.527+/-1.613 χ^2/NDF : 1439.5/41

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: -243.443+/-0.189 χ^2/NDF :156863.1/3

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: -271.584+/-0.148 χ^2/NDF : 221127.3/6

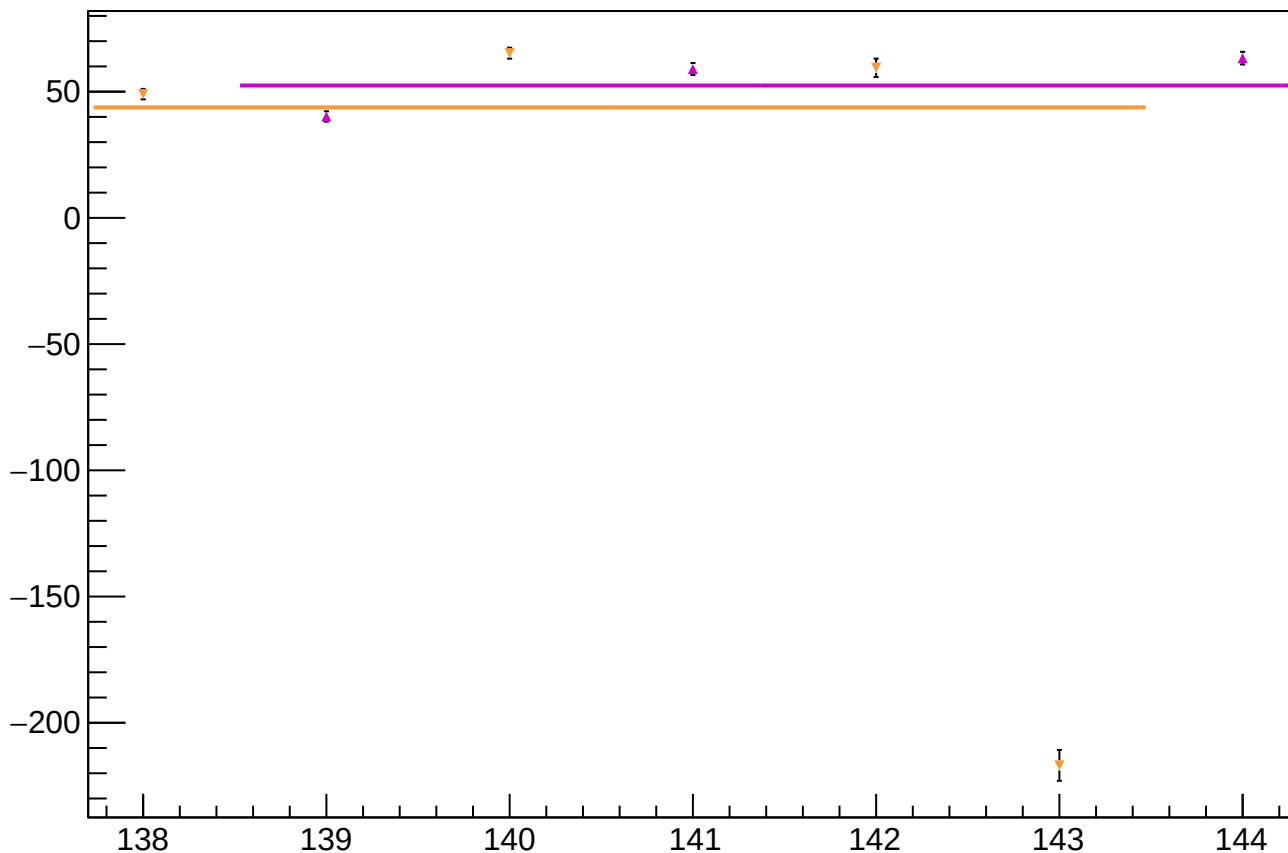
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -257.271+/-0.126 χ^2/NDF :237245.3/19

Out: -231.997+/-0.114 χ^2/NDF :255531.5/21

All: -243.333+/-0.084 χ^2/NDF : 514997.5/41

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: 43.785+/-1.350 χ^2/NDF :1941.9/3

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: 48.188+/-0.946 χ^2/NDF : 2024.2/6

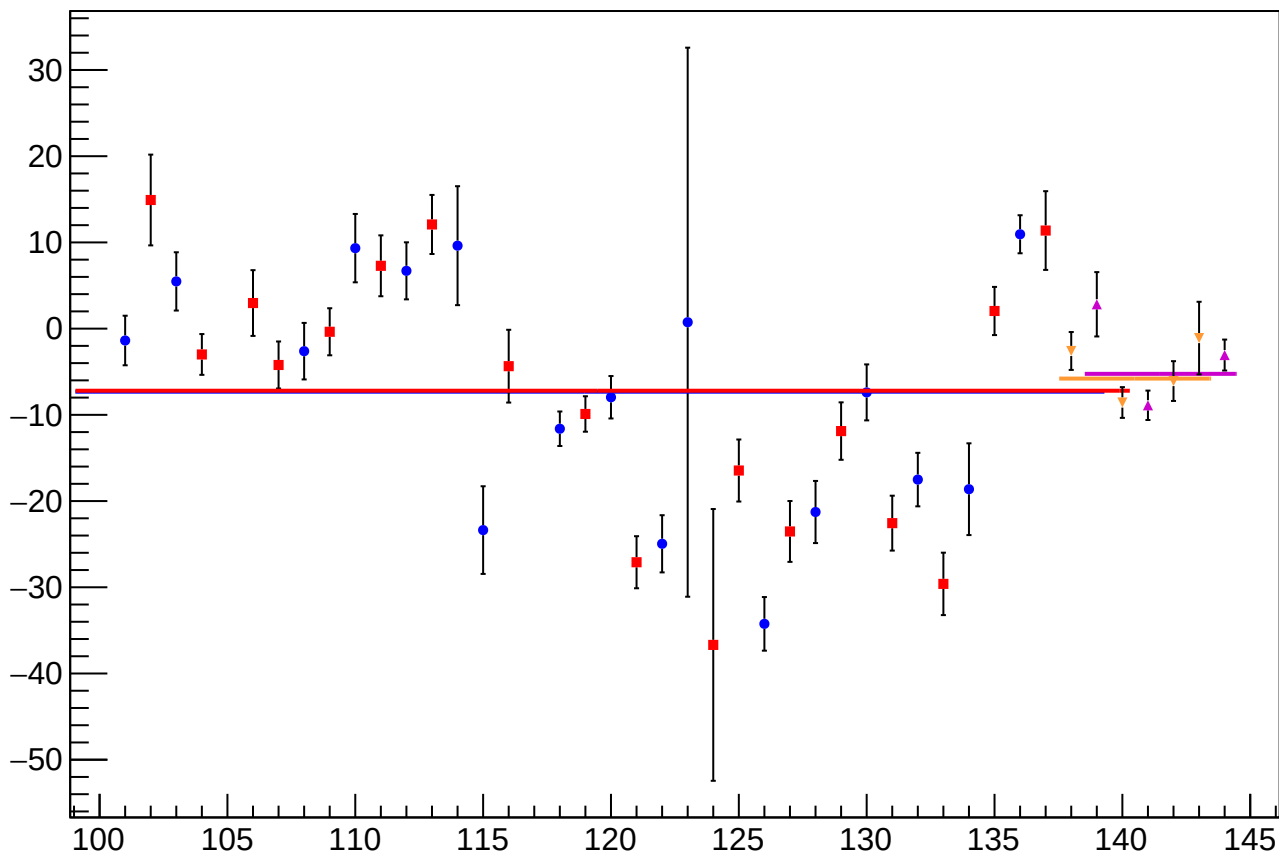
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 52.438+/-1.326 χ^2/NDF :61.3/2

Out: 43.785+/-1.350 χ^2/NDF :1941.9/3

All: 48.188+/-0.946 χ^2/NDF : 2024.2/6

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: -5.792 ± 1.143 χ^2/NDF : 5.8/3

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: -5.526 ± 0.819 χ^2/NDF : 16.6/6

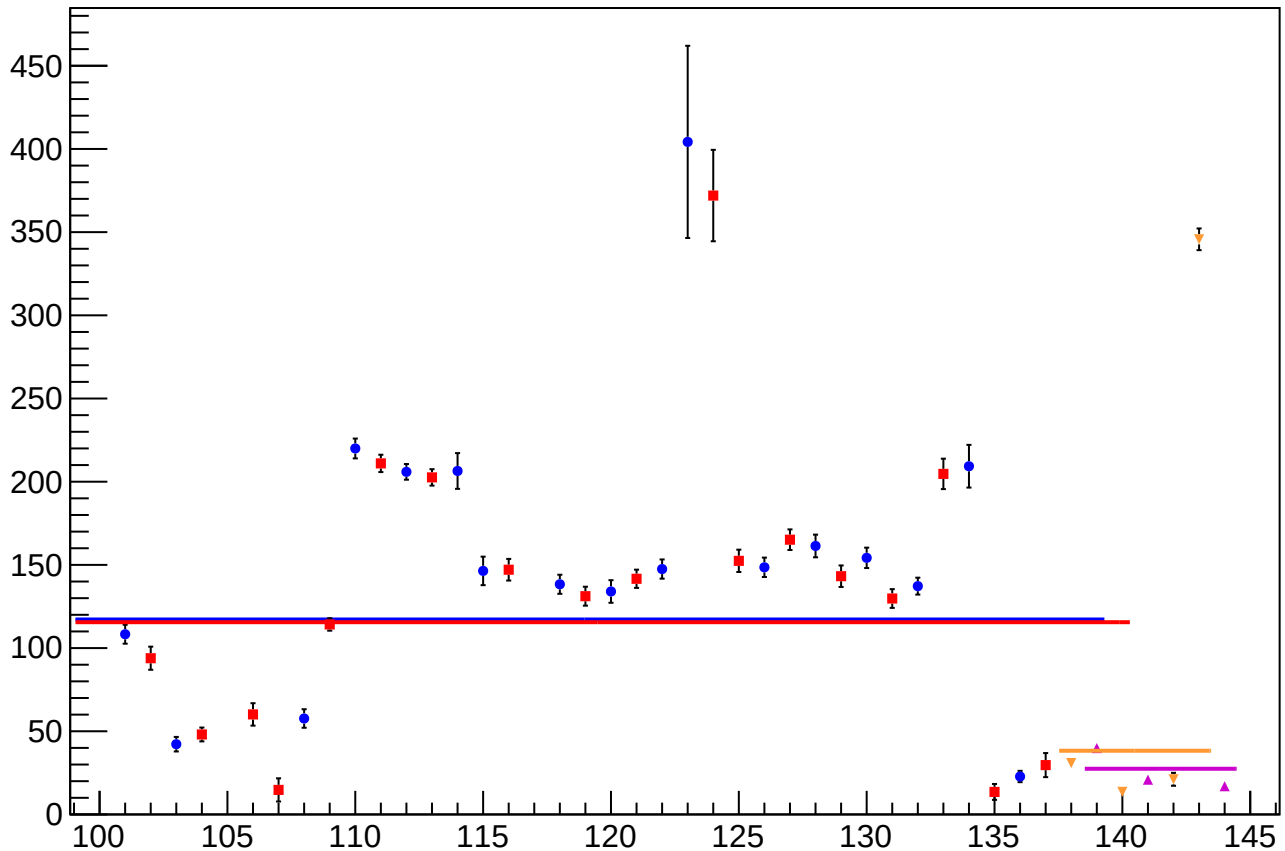
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -6.679 ± 0.650 χ^2/NDF : 292.0/19

Out: -6.768 ± 0.634 χ^2/NDF : 259.0/21

All: -6.725 ± 0.454 χ^2/NDF : 550.9/41

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 38.293+/-1.450 χ^2/NDF :2369.1/3

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 27.465+/-1.423 χ^2/NDF :52.7/2

Left: 32.777+/-1.016 χ^2/NDF : 2450.2/6

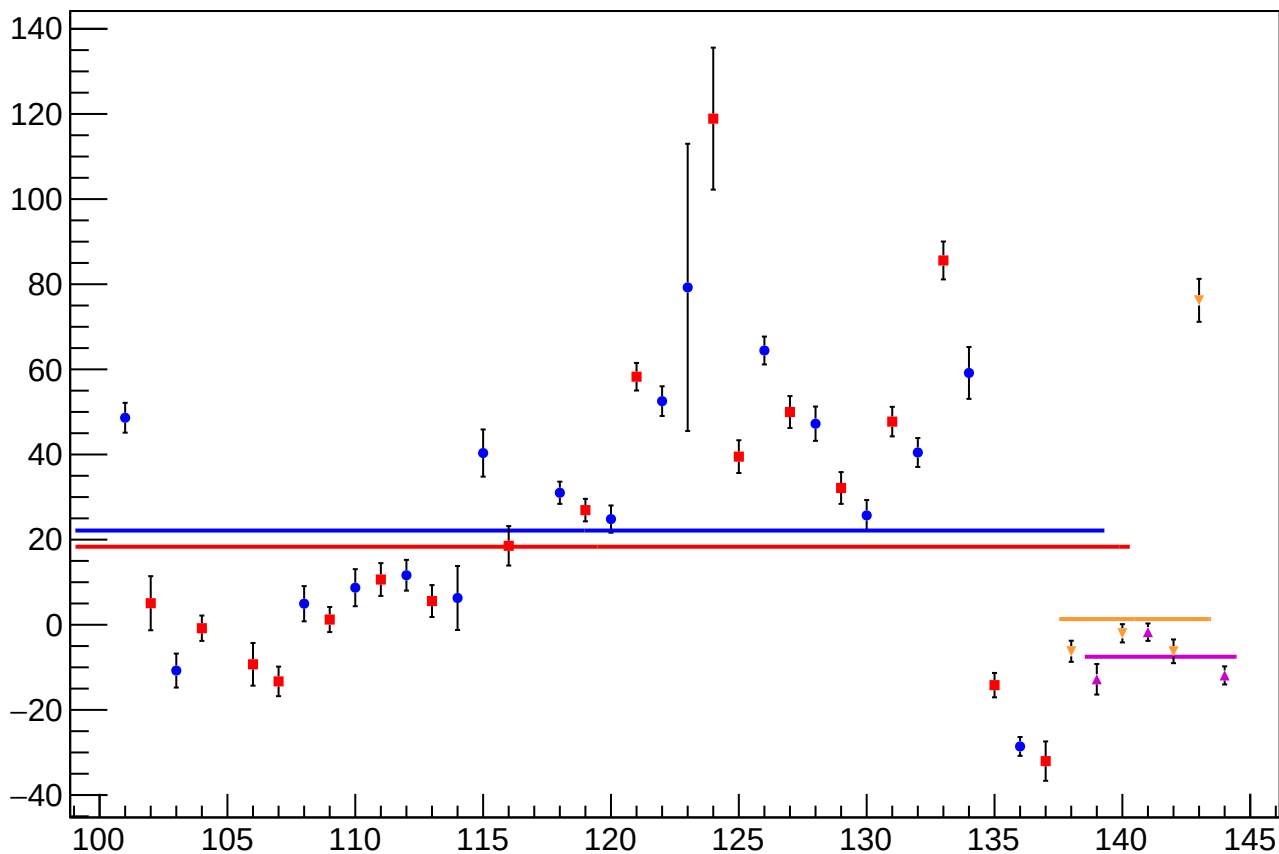
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 72.689+/-1.002 χ^2/NDF :4216.0/19

Out: 79.311+/-0.993 χ^2/NDF :6025.3/21

All: 76.029+/-0.705 χ^2/NDF : 10263.3/41

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: 1.348 $\pm$ 1.350 χ^2/NDF :239.2/3

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: -3.039 $\pm$ 0.960 χ^2/NDF : 274.9/6

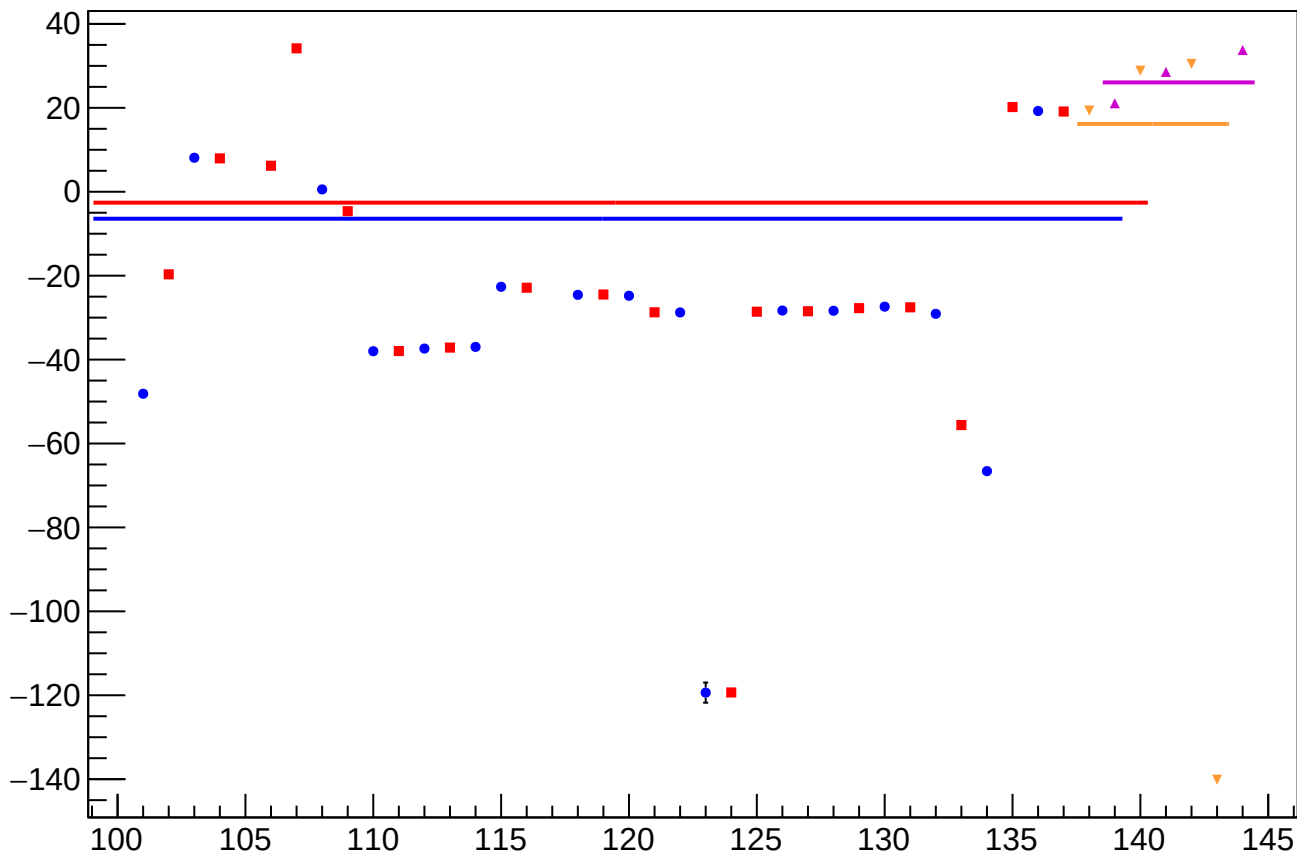
Right: 20.192 $\pm$ 0.623 χ^2/NDF : 2143.8/34

In: 13.264 $\pm$ 0.746 χ^2/NDF :1409.8/19

Out: 13.334 $\pm$ 0.733 χ^2/NDF :1421.2/21

All: 13.300 $\pm$ 0.523 χ^2/NDF : 2830.9/41

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428±/0.046 χ^2/NDF : 265170.6/16

Left Out: 16.166±/0.059 χ^2/NDF : 380732.3/3

Right Out: -2.597±/0.046 χ^2/NDF : 263579.4/17

Left In: 26.060±/0.055 χ^2/NDF : 8879.4/2

Left: 21.462±/0.040 χ^2/NDF : 404600.9/6

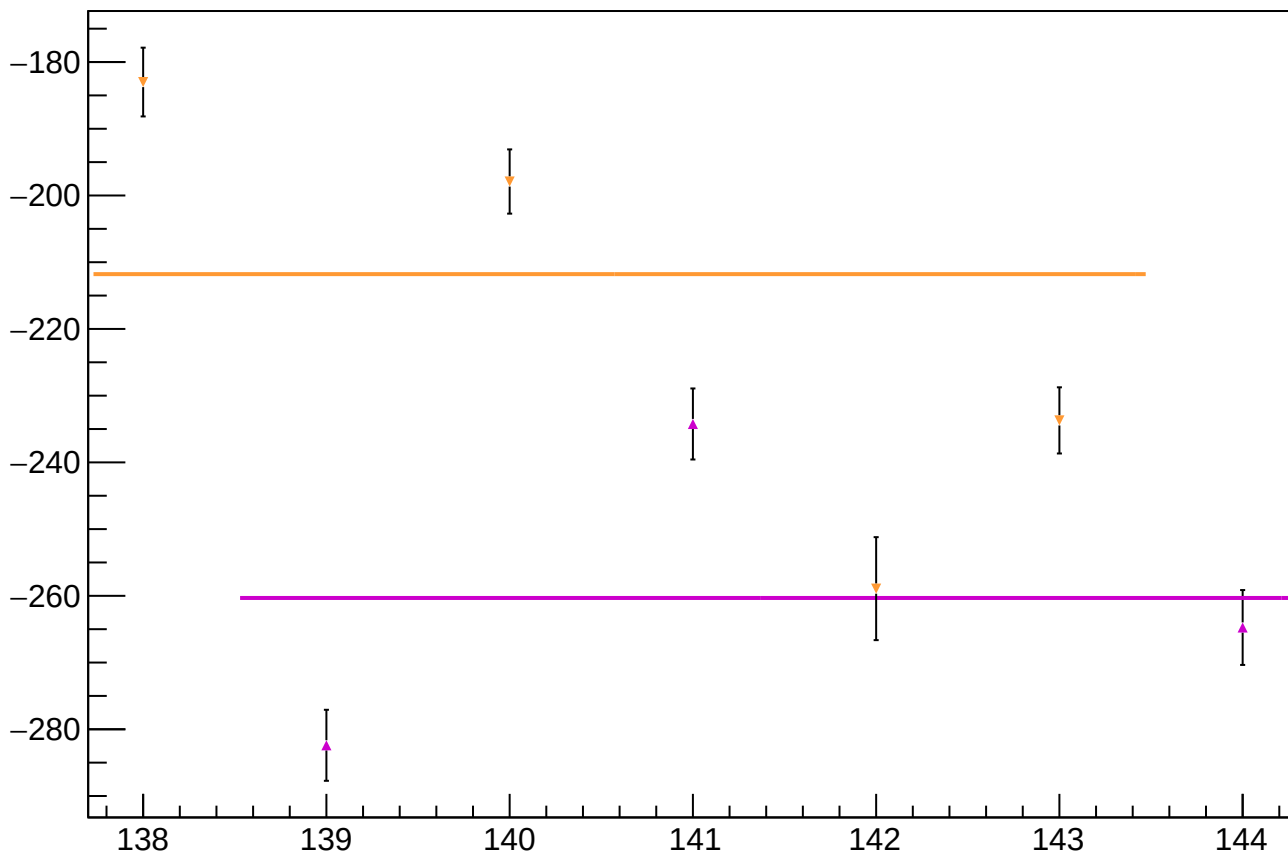
Right: -4.494±/0.033 χ^2/NDF : 532217.8/34

In: 6.990±/0.035 χ^2/NDF : 478169.6/19

Out: 4.434±/0.036 χ^2/NDF : 707274.1/21

All: 5.740±/0.025 χ^2/NDF : 1187992.1/41

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: -211.786+/-2.689 χ^2/NDF :96.4/3

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: -232.434+/-2.039 χ^2/NDF : 276.8/6

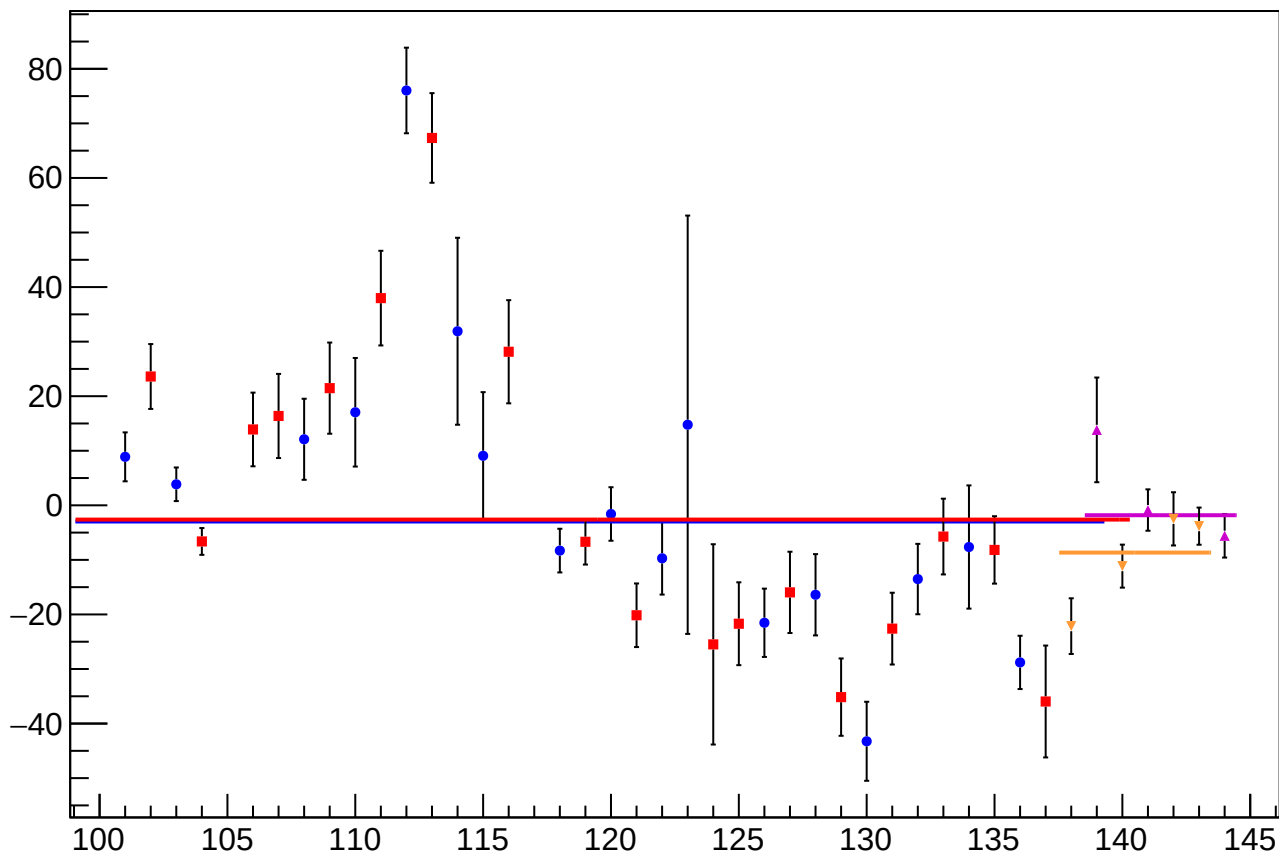
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -260.320+/-3.125 χ^2/NDF :41.8/2

Out: -211.786+/-2.689 χ^2/NDF :96.4/3

All: -232.434+/-2.039 χ^2/NDF : 276.8/6

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: -8.663 ± 2.080 χ^2/NDF : 11.0/3

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: -6.045 ± 1.635 χ^2/NDF : 18.8/6

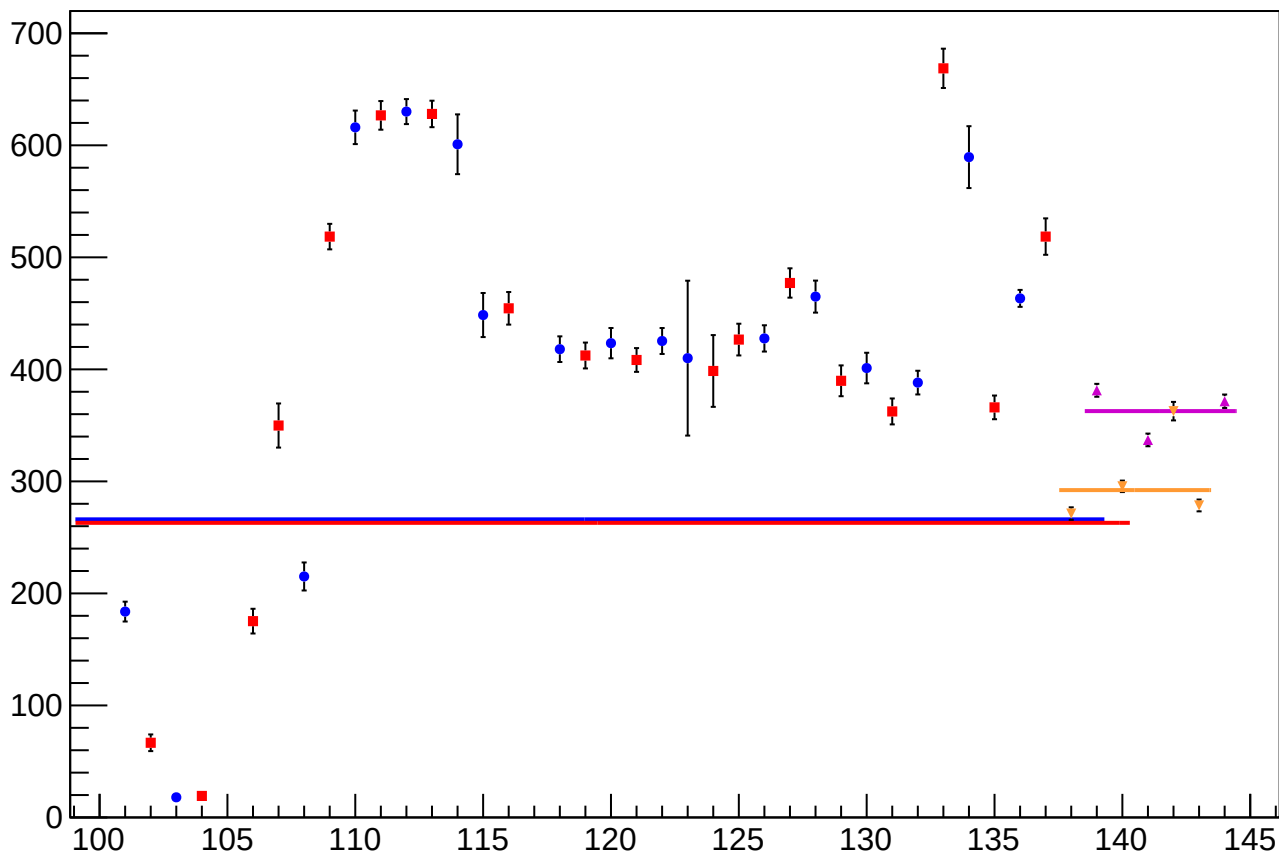
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: -2.698 ± 1.273 χ^2/NDF : 207.3/19

Out: -4.499 ± 1.161 χ^2/NDF : 227.3/21

All: -3.681 ± 0.858 χ^2/NDF : 435.7/41

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: 292.218 $\pm$ 2.881 χ^2 /NDF:94.0/3

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: 322.195 $\pm$ 2.184 χ^2 /NDF: 382.0/6

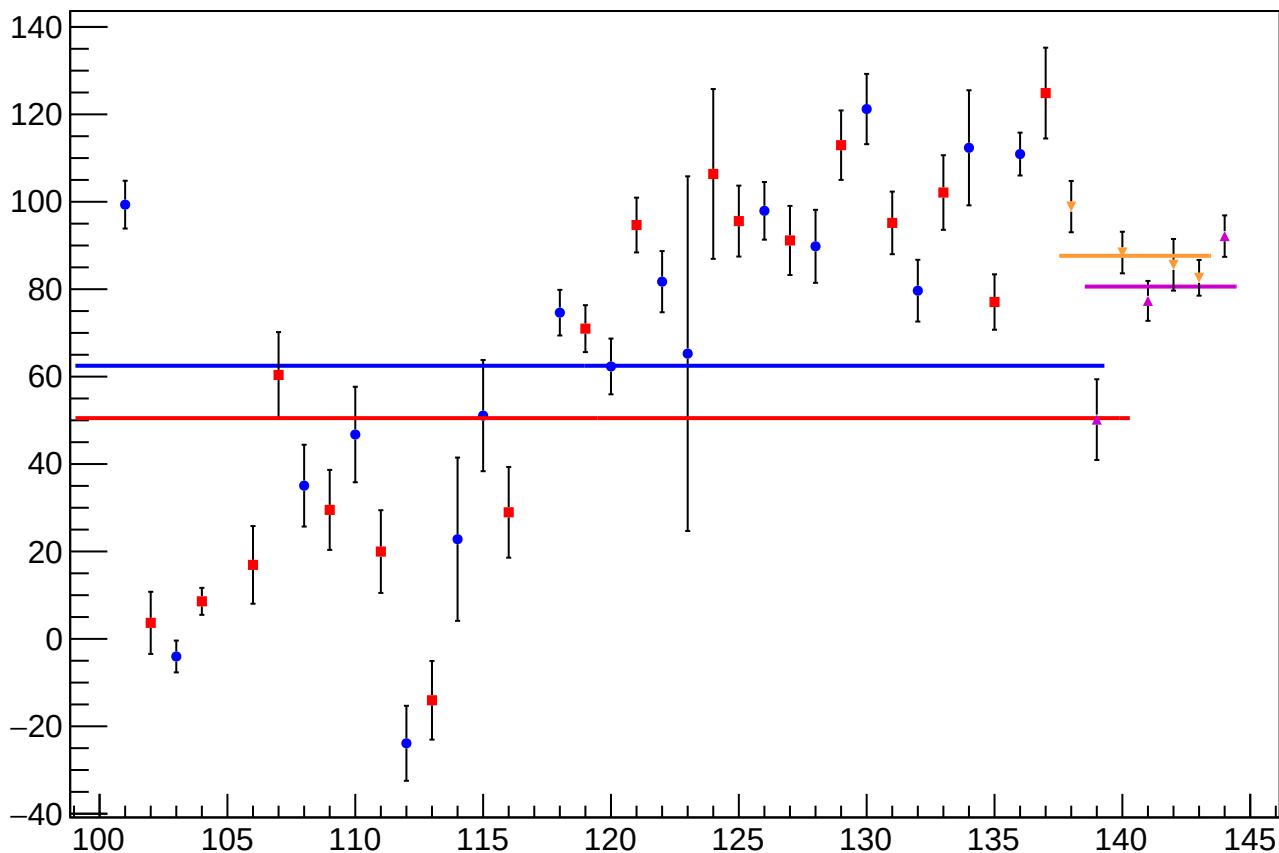
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 300.324 $\pm$ 1.993 χ^2 /NDF:8214.7/19

Out: 275.362 $\pm$ 1.874 χ^2 /NDF:8325.3/21

All: 287.071 $\pm$ 1.365 χ^2 /NDF: 16623.3/41

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 87.641 $\pm$ 2.486 χ^2 /NDF:5.3/3

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 80.599 $\pm$ 3.099 χ^2 /NDF:17.3/2

Left: 84.883 $\pm$ 1.939 χ^2 /NDF: 25.8/6

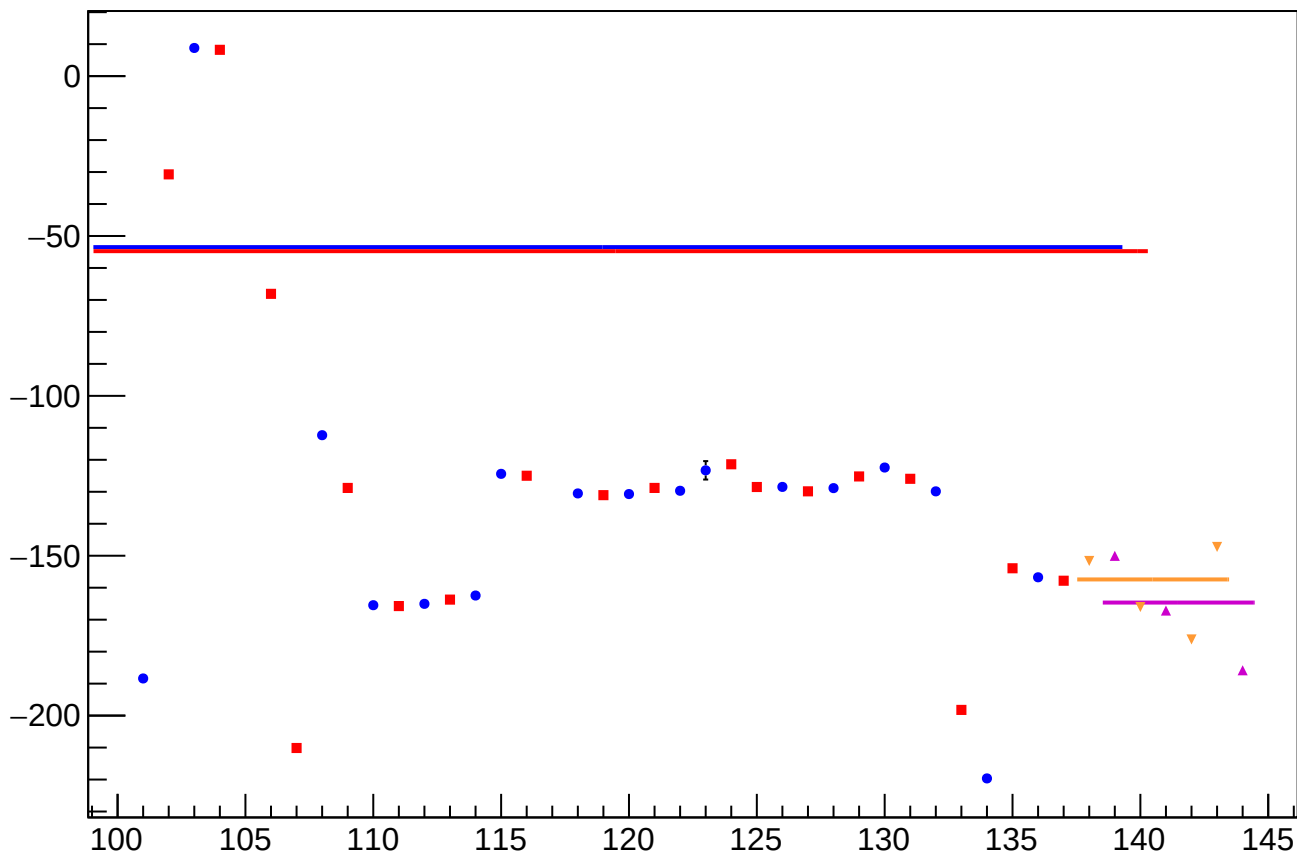
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 66.604 $\pm$ 1.478 χ^2 /NDF:764.5/19

Out: 61.805 $\pm$ 1.372 χ^2 /NDF:811.1/21

All: 64.026 $\pm$ 1.005 χ^2 /NDF: 1581.3/41

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -157.416 $\pm$ 0.118 χ^2 /NDF: 7625.0/3

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -164.648 $\pm$ 0.132 χ^2 /NDF: 11792.9/2

Left: -160.651 $\pm$ 0.088 χ^2 /NDF: 21087.0/6

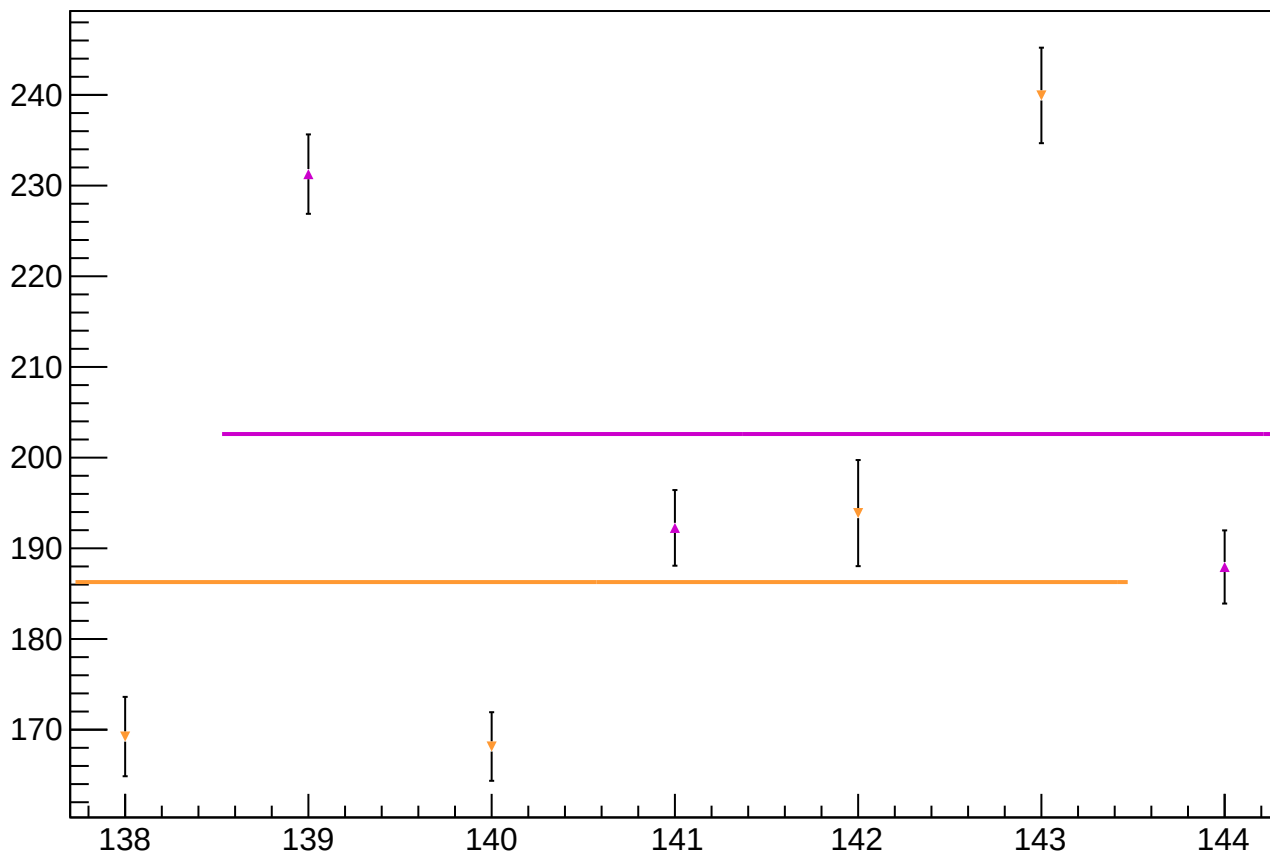
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -78.161 $\pm$ 0.062 χ^2 /NDF: 1795541.1/19

Out: -82.541 $\pm$ 0.062 χ^2 /NDF: 1508481.8/21

All: -80.366 $\pm$ 0.044 χ^2 /NDF: 3306533.0/41

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: 186.278+/-2.310 χ^2/NDF :143.7/3

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: 194.069+/-1.670 χ^2/NDF : 229.7/6

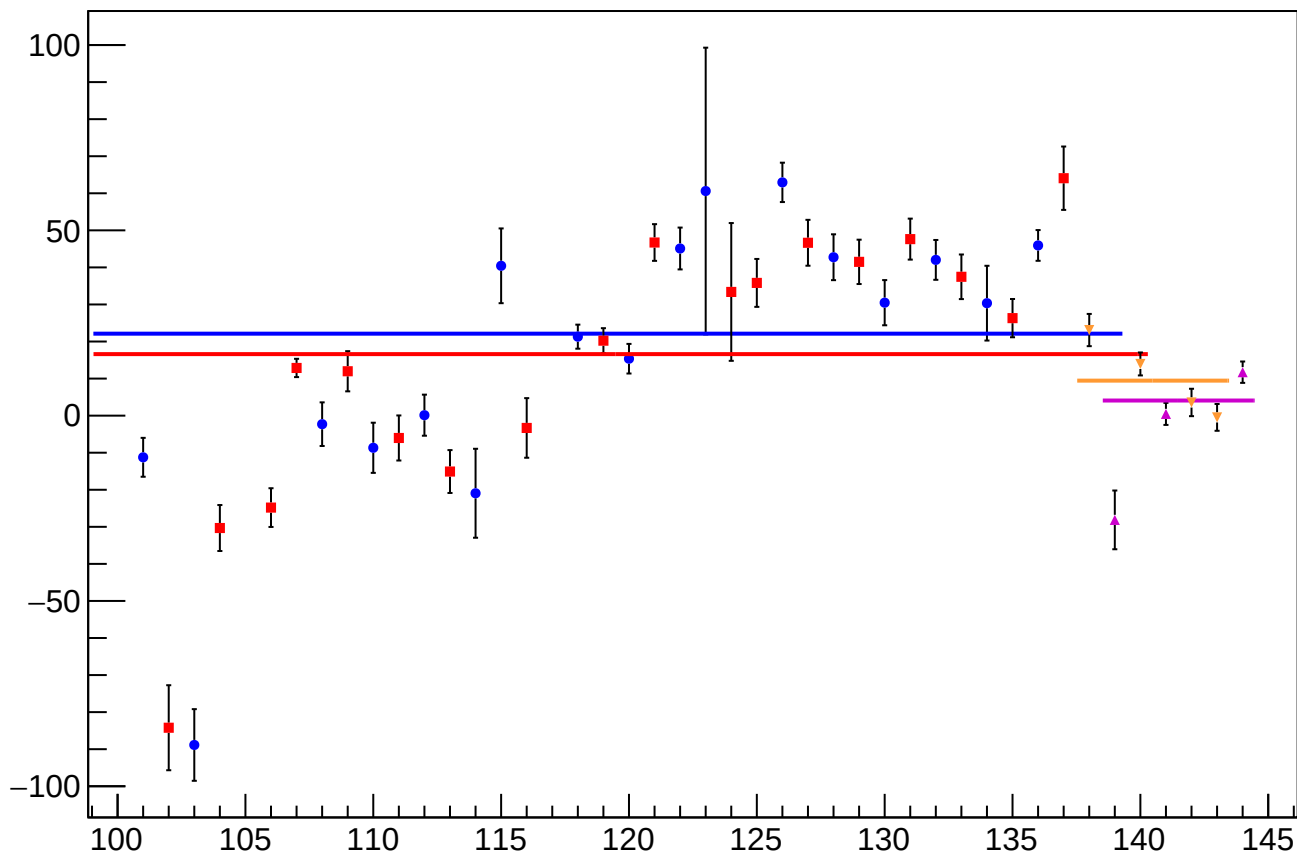
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.604+/-2.418 χ^2/NDF :62.2/2

Out: 186.278+/-2.310 χ^2/NDF :143.7/3

All: 194.069+/-1.670 χ^2/NDF : 229.7/6

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: 9.447 $\pm$ 1.805 χ^2 /NDF:22.0/3

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: 7.041 $\pm$ 1.341 χ^2 /NDF: 51.0/6

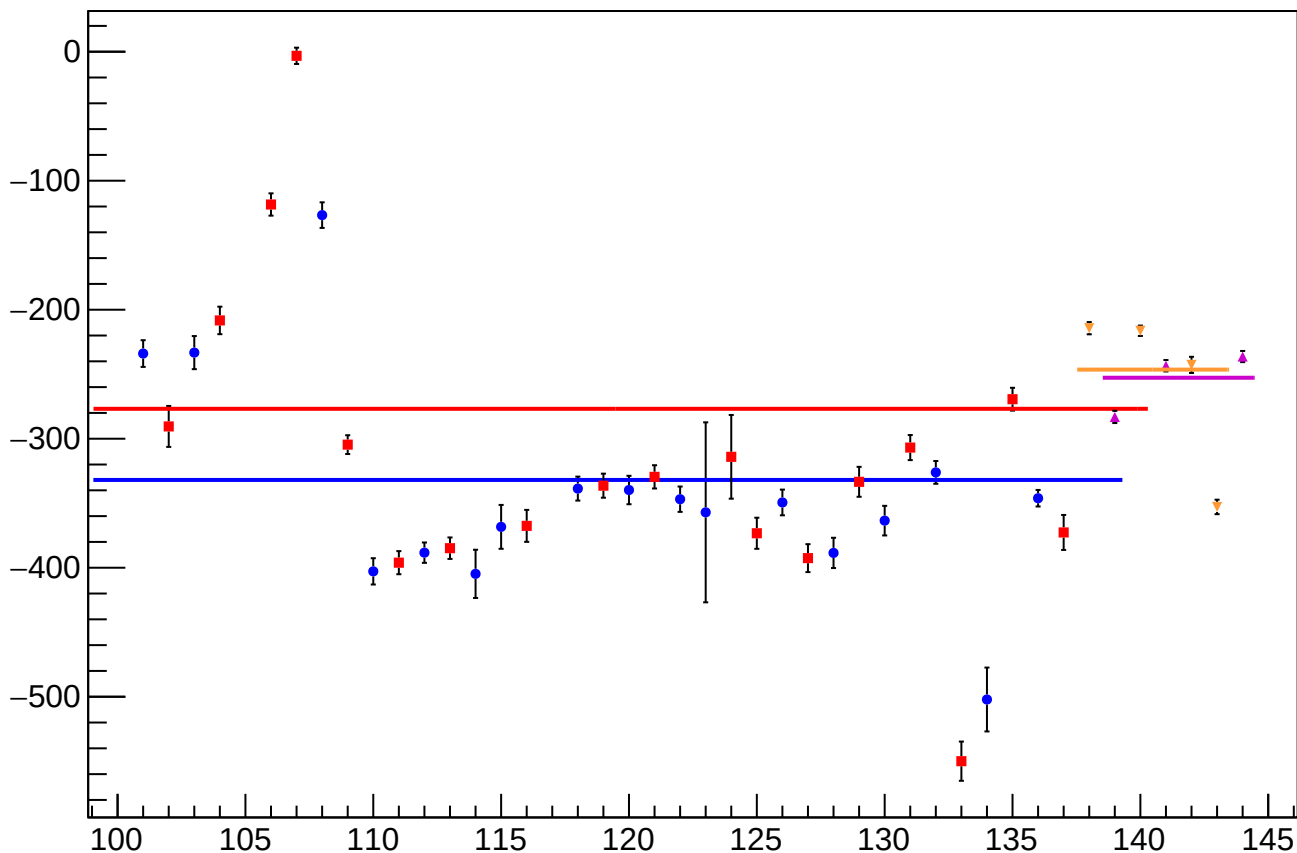
Right: 19.049 $\pm$ 0.917 χ^2 /NDF: 807.7/34

In: 16.332 $\pm$ 1.134 χ^2 /NDF:462.1/19

Out: 14.336 $\pm$ 1.016 χ^2 /NDF:449.6/21

All: 15.224 $\pm$ 0.757 χ^2 /NDF: 913.4/41

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -246.421 $\pm$ 2.475 χ^2 /NDF: 461.3/3

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -252.734 $\pm$ 2.590 χ^2 /NDF: 60.0/2

Left: -249.433 $\pm$ 1.789 χ^2 /NDF: 524.4/6

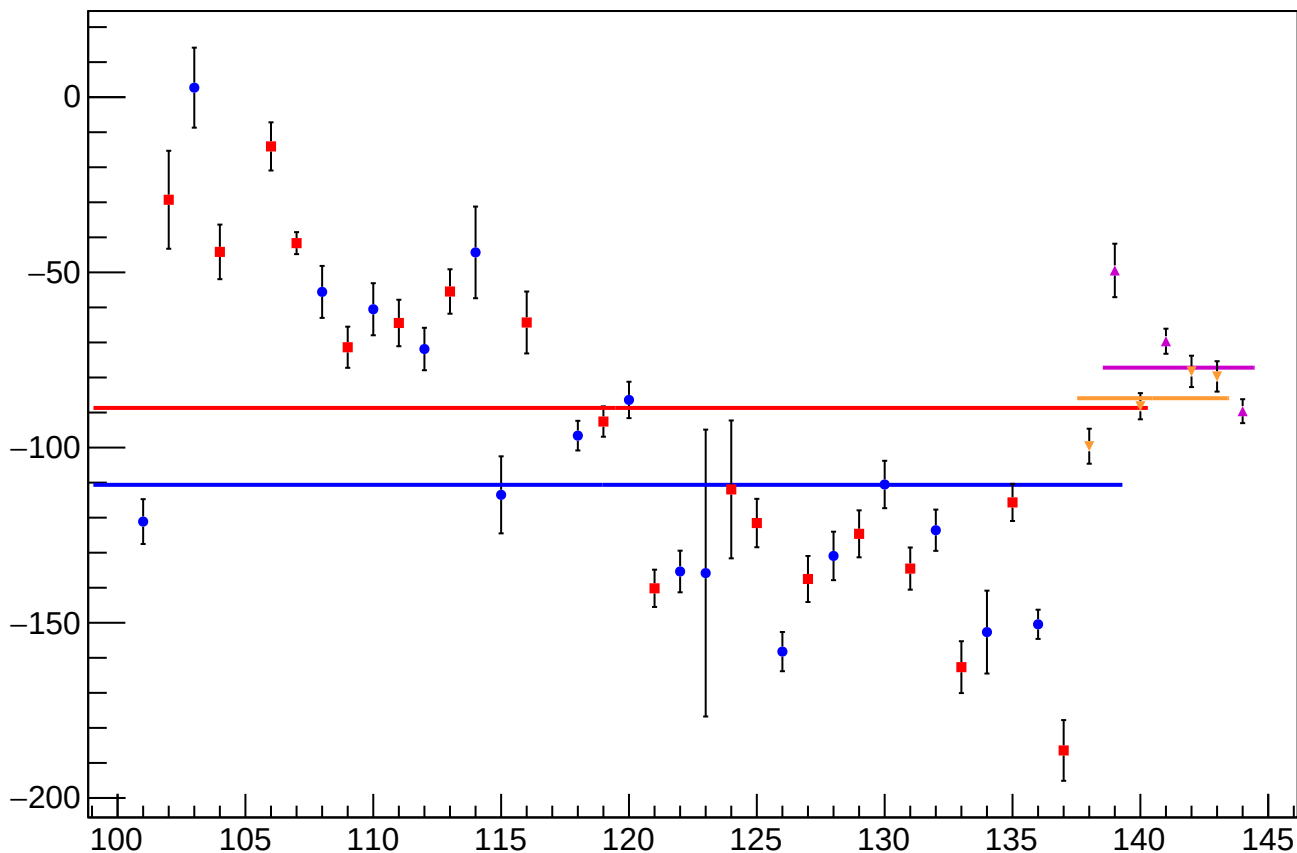
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -292.699 $\pm$ 1.823 χ^2 /NDF: 1317.4/19

Out: -262.531 $\pm$ 1.696 χ^2 /NDF: 3871.6/21

All: -276.526 $\pm$ 1.242 χ^2 /NDF: 5335.7/41

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: -85.914+/-2.158 χ^2/NDF :12.9/3

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: -81.925+/-1.590 χ^2/NDF : 51.2/6

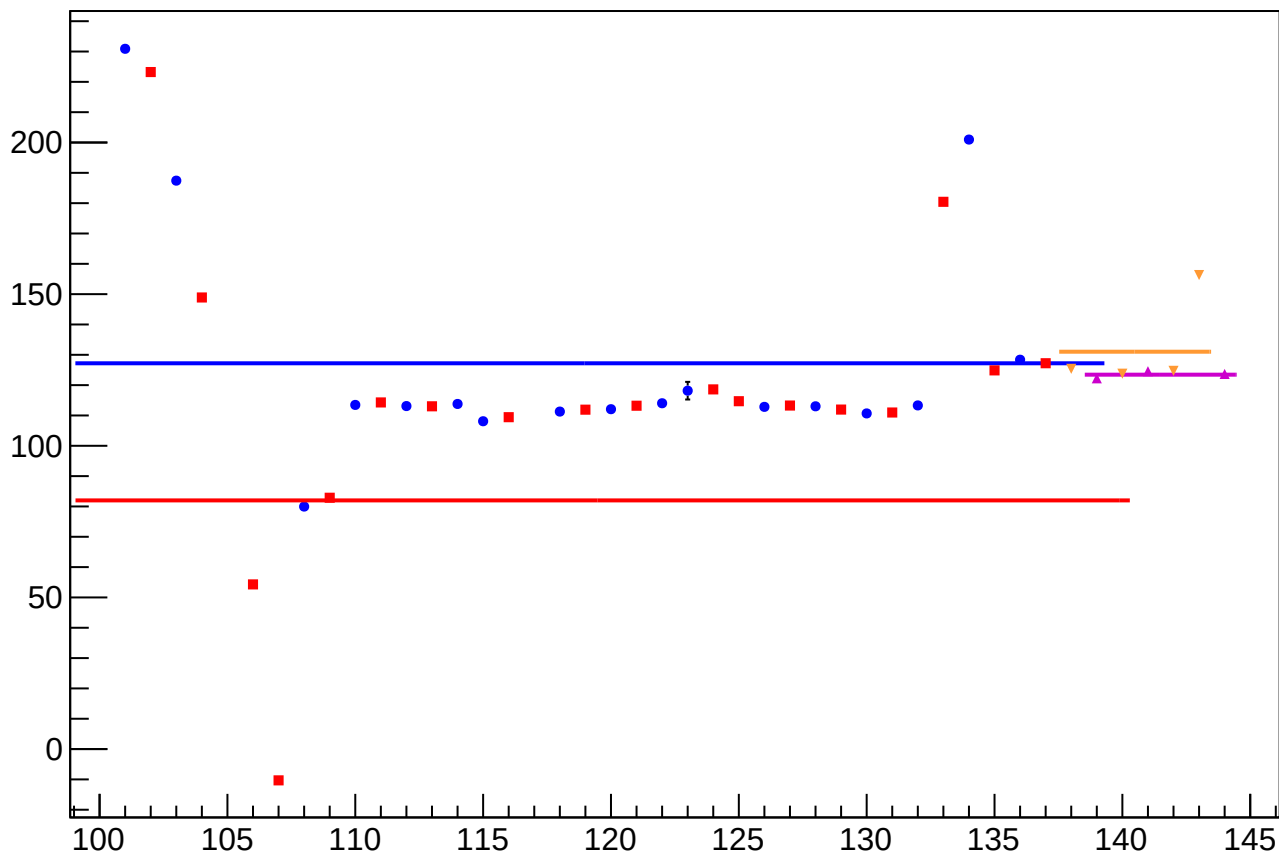
Right: -98.593+/-1.062 χ^2/NDF : 1578.5/34

In: -100.218+/-1.312 χ^2/NDF :679.0/19

Out: -87.835+/-1.195 χ^2/NDF :978.0/21

All: -93.448+/-0.883 χ^2/NDF : 1705.7/41

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205+/-0.089 χ^2/NDF : 188026.3/16

Left Out: 131.022+/-0.102 χ^2/NDF :15702.7/3

Right Out: 81.994+/-0.075 χ^2/NDF : 749824.5/17

Left In: 123.448+/-0.103 χ^2/NDF :93.2/2

Left: 127.258+/-0.072 χ^2/NDF : 18529.9/6

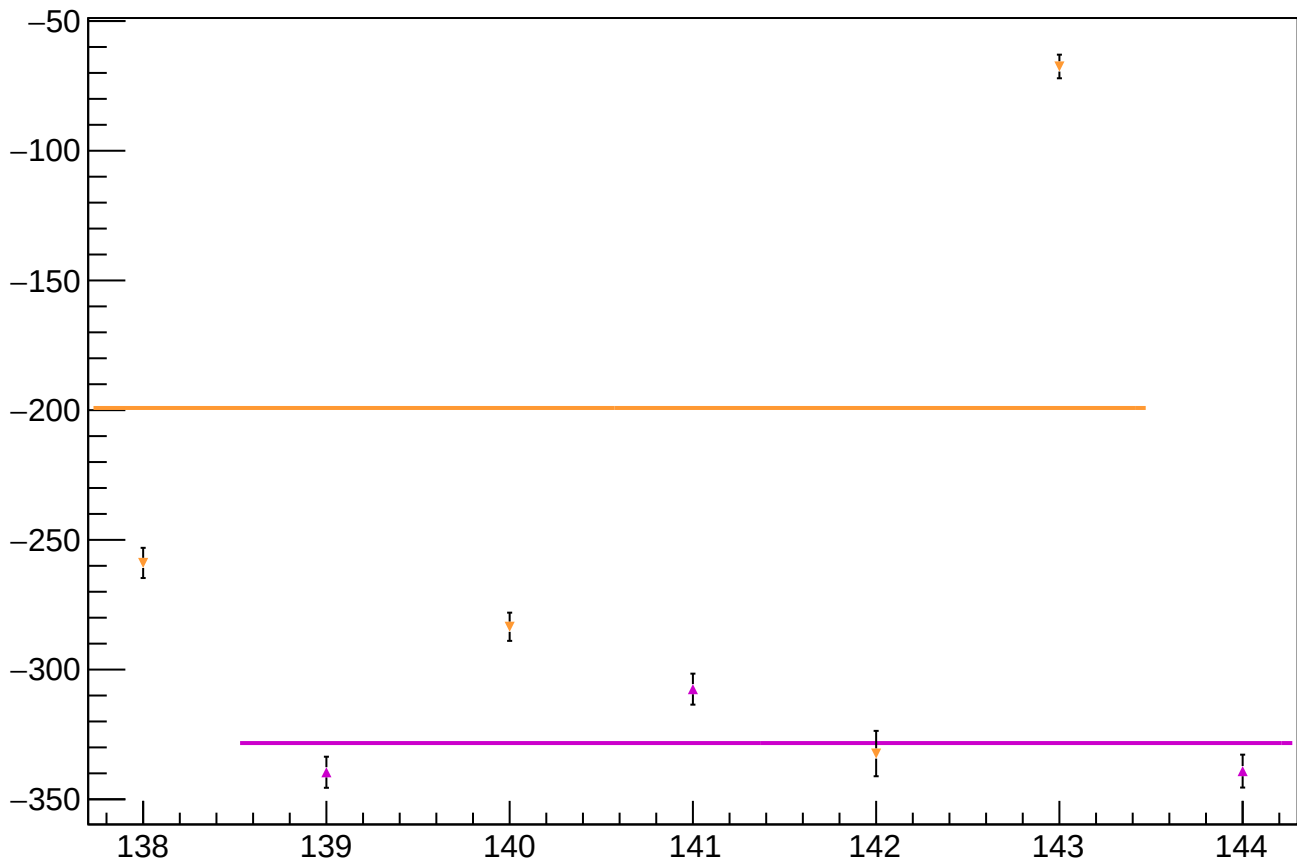
Right: 100.877+/-0.058 χ^2/NDF : 1087676.4/34

In: 125.591+/-0.067 χ^2/NDF :188882.4/19

Out: 99.318+/-0.061 χ^2/NDF :914590.8/21

All: 111.099+/-0.045 χ^2/NDF : 1187475.9/41

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: -199.156+/-2.831 χ^2/NDF :1415.3/3

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: -249.901+/-2.206 χ^2/NDF : 2251.5/6

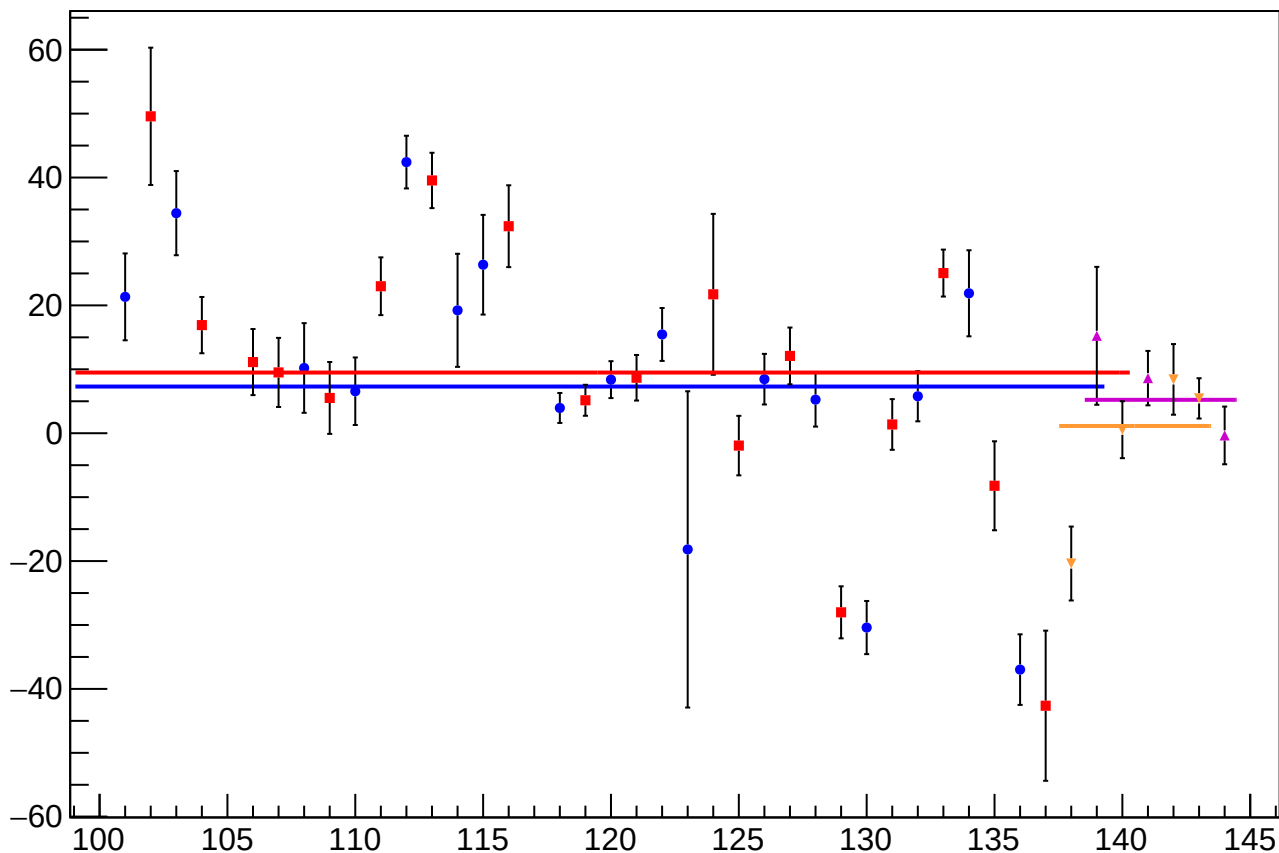
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -328.324+/-3.520 χ^2/NDF :18.5/2

Out: -199.156+/-2.831 χ^2/NDF :1415.3/3

All: -249.901+/-2.206 χ^2/NDF : 2251.5/6

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: 1.133 ± 2.163 $\chi^2/\text{NDF}: 17.5/3$

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: 2.548 ± 1.750 $\chi^2/\text{NDF}: 21.7/6$

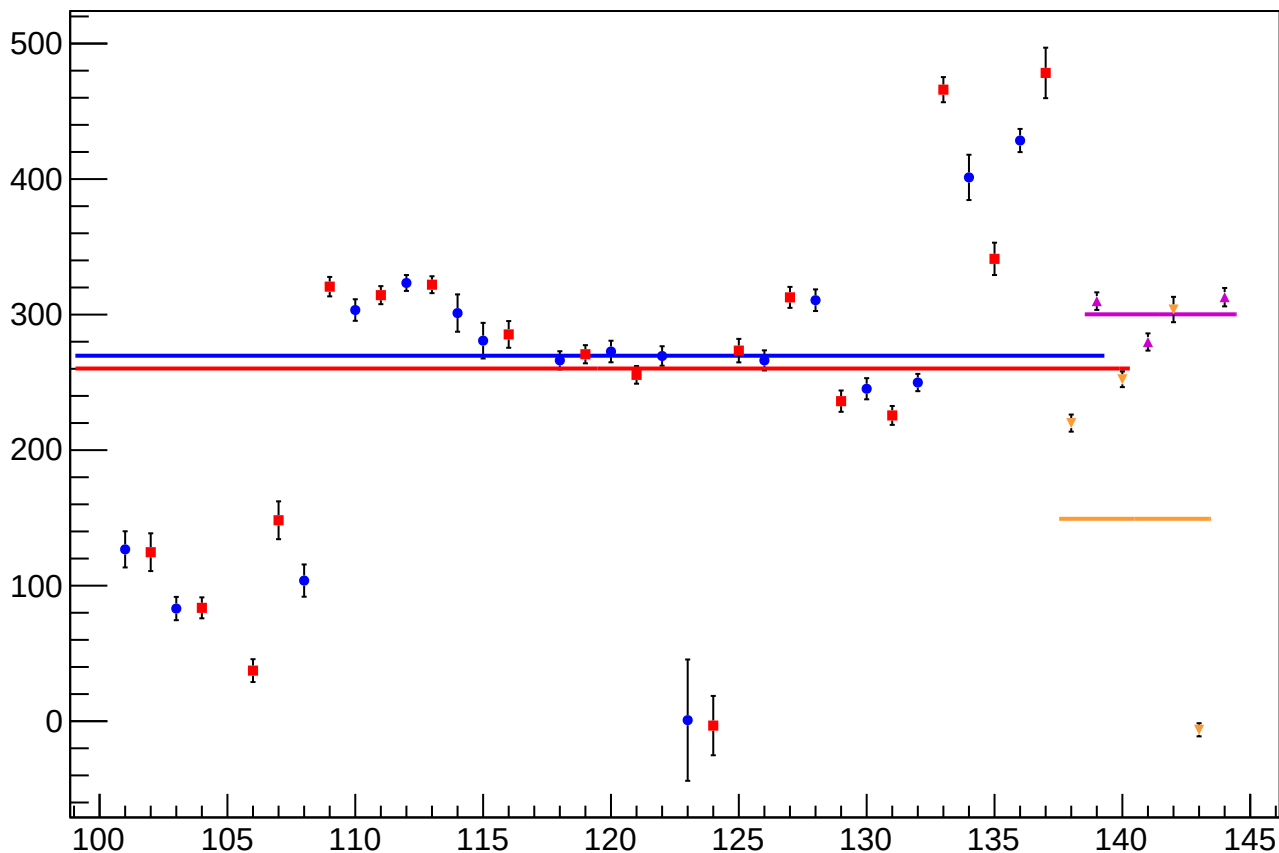
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 7.059 ± 1.020 $\chi^2/\text{NDF}: 264.1/19$

Out: 7.842 ± 0.961 $\chi^2/\text{NDF}: 260.6/21$

All: 7.473 ± 0.699 $\chi^2/\text{NDF}: 525.0/41$

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: 149.332 $\pm$ 3.031 χ^2 /NDF:1742.8/3

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: 208.512 $\pm$ 2.363 χ^2 /NDF: 2730.8/6

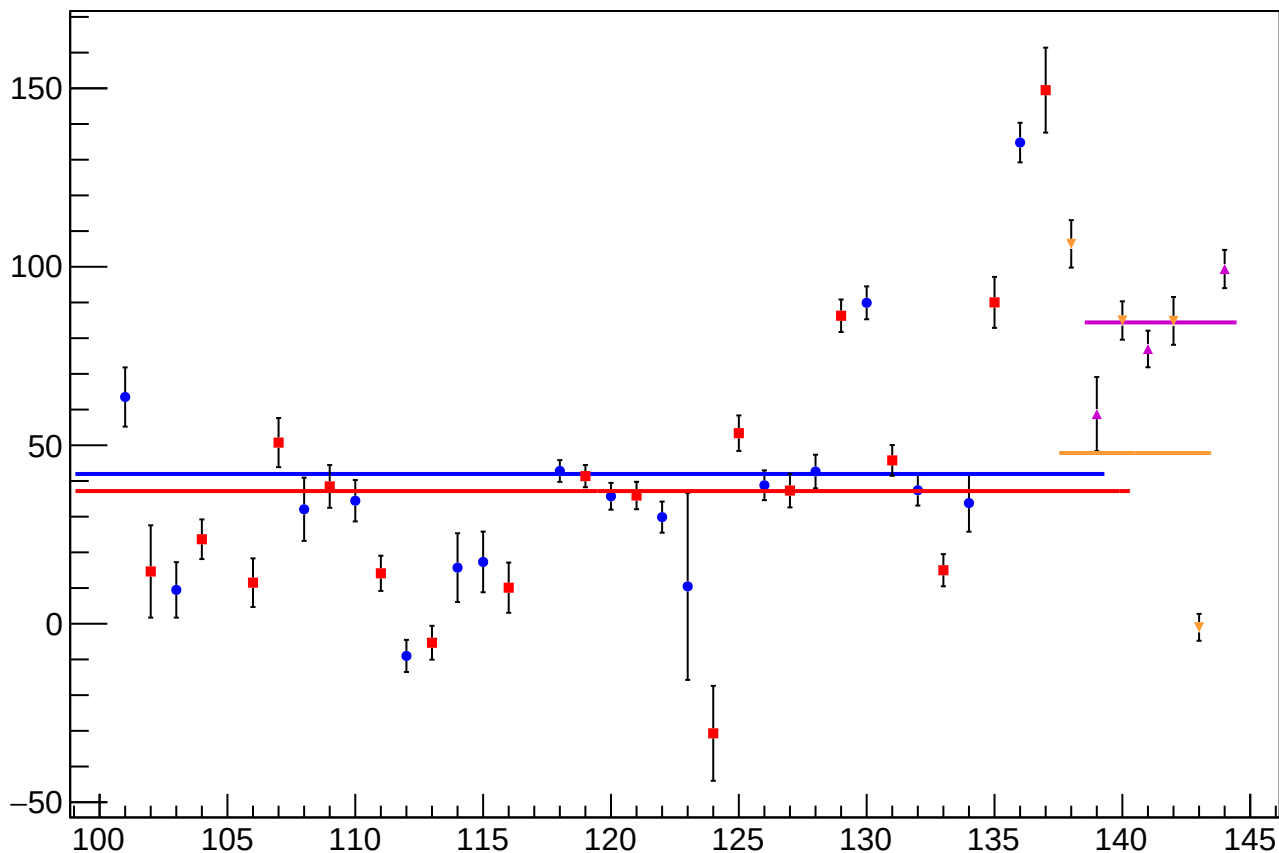
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 276.763 $\pm$ 1.819 χ^2 /NDF:1443.0/19

Out: 227.085 $\pm$ 1.657 χ^2 /NDF:5209.4/21

All: 249.615 $\pm$ 1.225 χ^2 /NDF: 7060.0/41

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: 47.831+/-2.582 χ^2/NDF : 323.9/3

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: 60.782+/-2.075 χ^2/NDF : 411.0/6

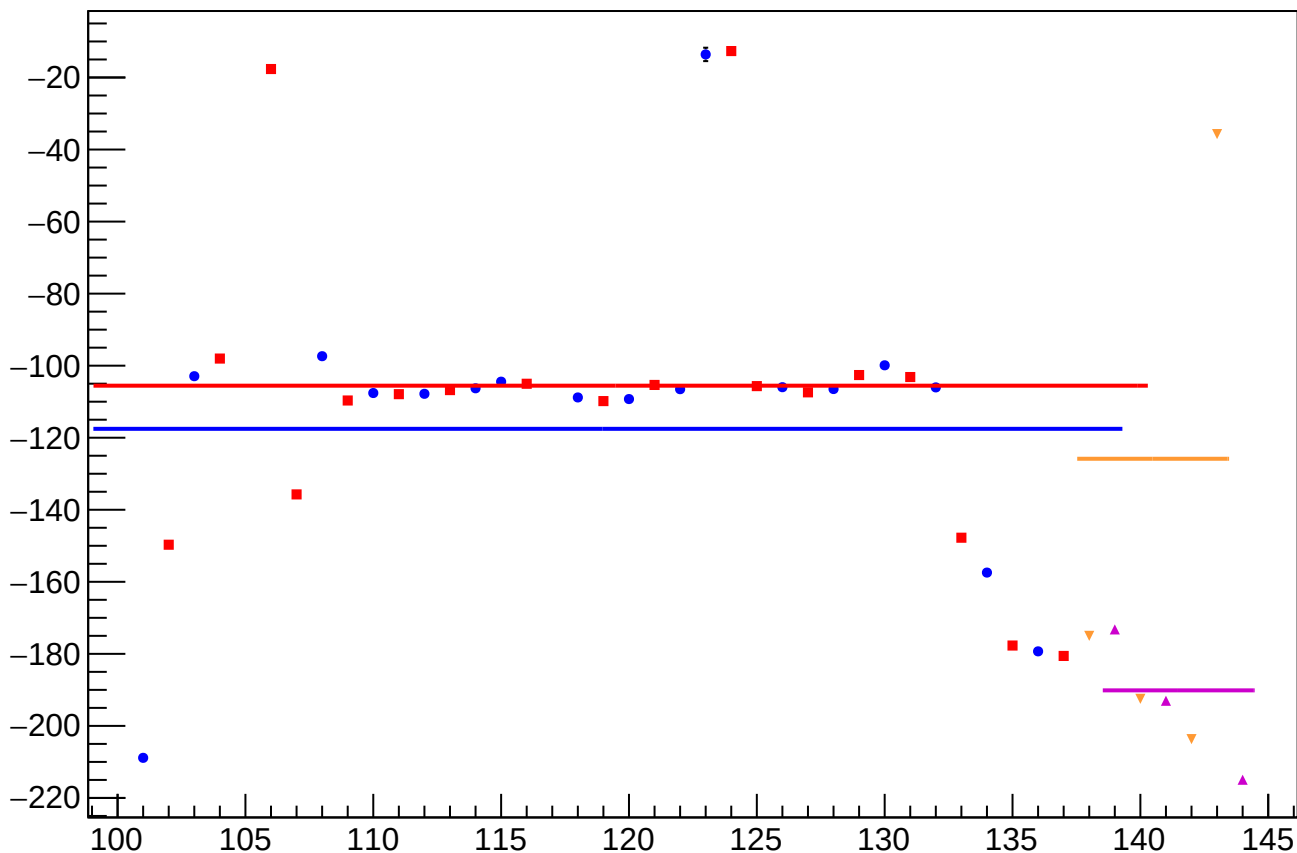
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/34

In: 46.848+/-1.184 χ^2/NDF : 721.4/19

Out: 39.159+/-1.115 χ^2/NDF : 808.7/21

All: 42.774+/-0.812 χ^2/NDF : 1552.4/41

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: -125.842+/-0.124 χ^2/NDF : 364415.7/3

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: -152.371+/-0.095 χ^2/NDF : 487770.4/6

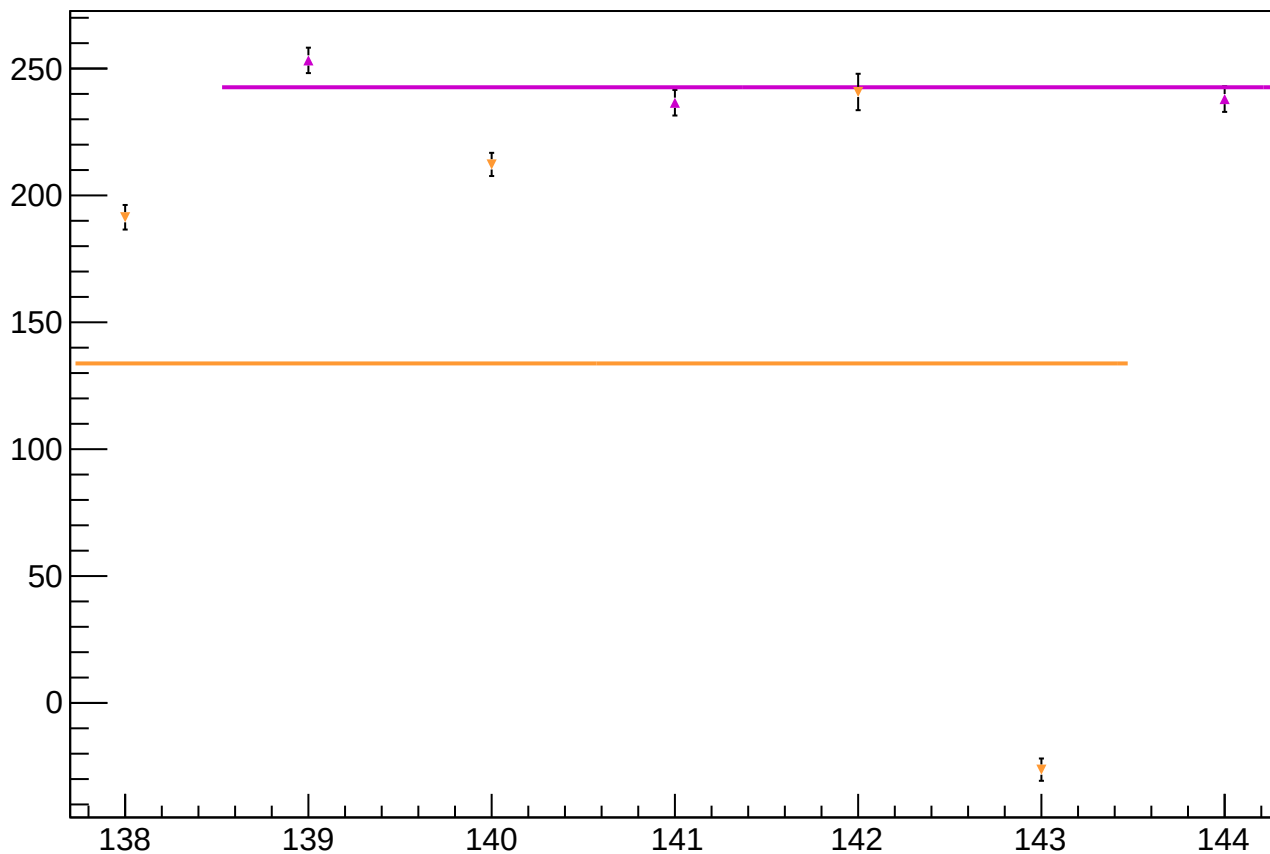
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -133.345+/-0.069 χ^2/NDF : 342720.1/19

Out: -110.757+/-0.063 χ^2/NDF : 701718.1/21

All: -120.982+/-0.046 χ^2/NDF : 1102930.2/41

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: 133.791+/-2.487 χ^2/NDF :1984.7/3

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: 179.776+/-1.890 χ^2/NDF : 2800.6/6

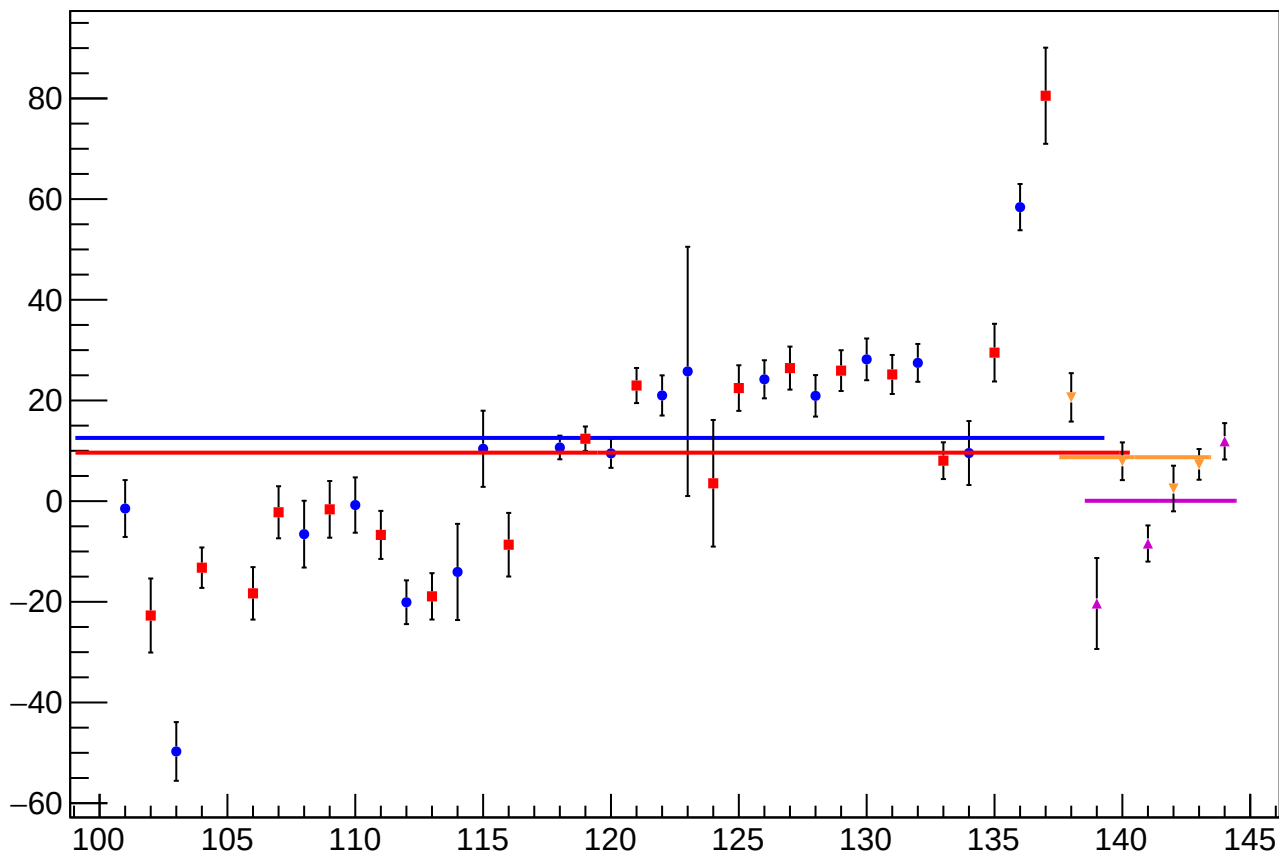
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.623+/-2.907 χ^2/NDF :6.8/2

Out: 133.791+/-2.487 χ^2/NDF :1984.7/3

All: 179.776+/-1.890 χ^2/NDF : 2800.6/6

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: 8.728+/-1.922 χ^2/NDF : 8.3/3

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: 5.431+/-1.512 χ^2/NDF : 37.4/6

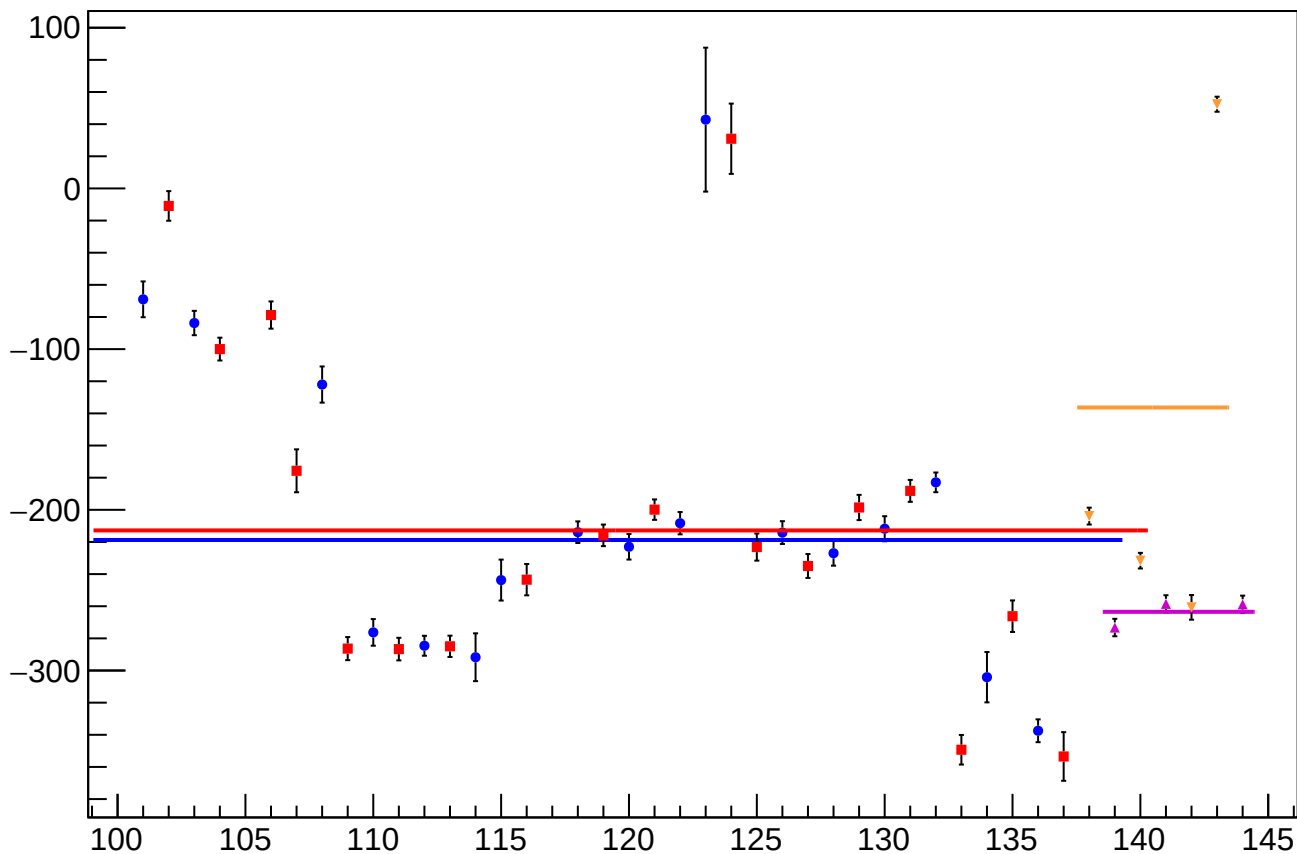
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 10.598+/-0.971 χ^2/NDF : 391.9/19

Out: 9.424+/-0.921 χ^2/NDF : 295.9/21

All: 9.980+/-0.668 χ^2/NDF : 688.5/41

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -136.312 ± 2.664 $\chi^2/\text{NDF}: 2432.3/3$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -263.477 ± 3.117 $\chi^2/\text{NDF}: 4.8/2$

Left: -189.990 ± 2.025 $\chi^2/\text{NDF}: 3399.1/6$

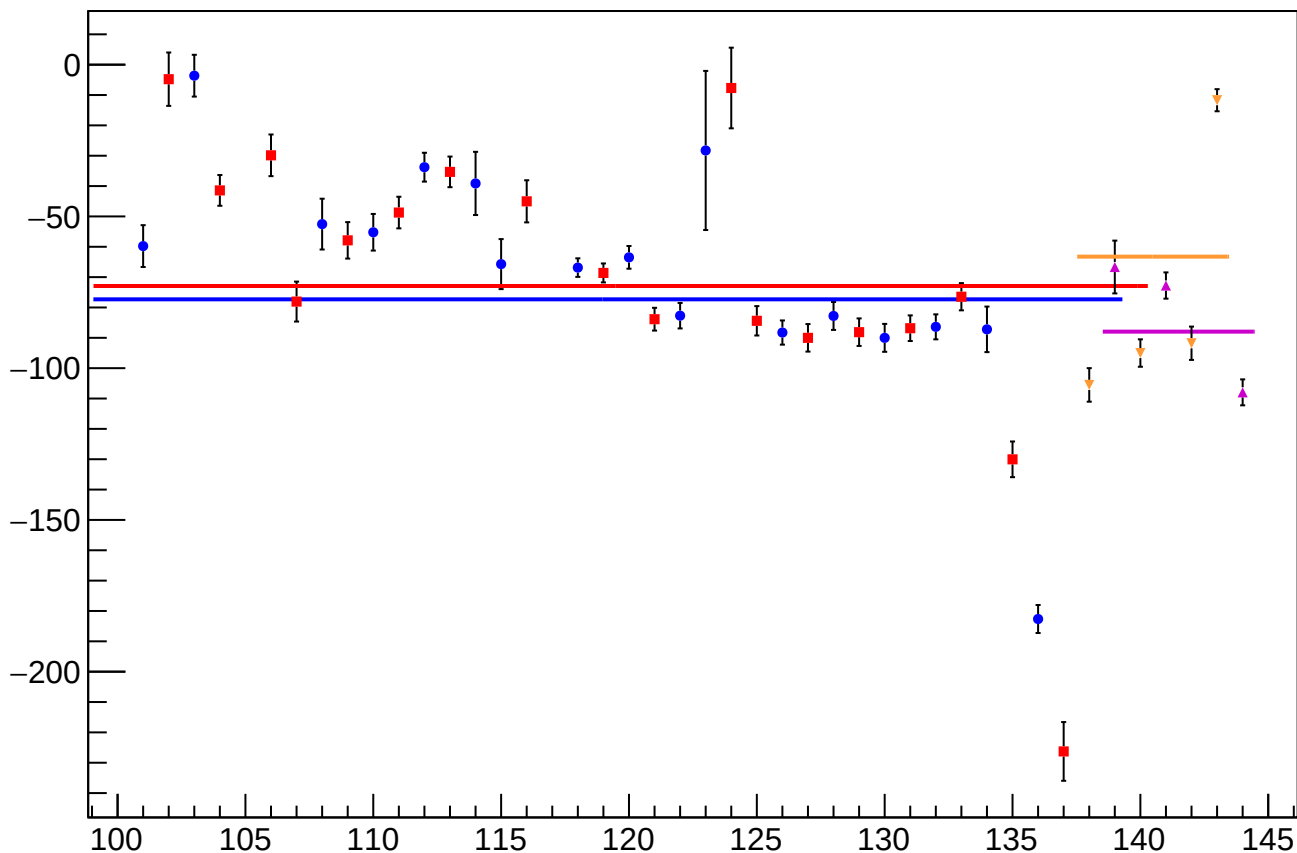
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -231.904 ± 1.689 $\chi^2/\text{NDF}: 1294.6/19$

Out: -186.546 ± 1.561 $\chi^2/\text{NDF}: 4798.4/21$

All: -207.436 ± 1.146 $\chi^2/\text{NDF}: 6481.9/41$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -63.253 ± 2.293 $\chi^2/\text{NDF}: 335.1/3$

Right Out: -72.922 ± 1.208 $\chi^2/\text{NDF}: 660.8/17$

Left In: -87.960 ± 2.871 $\chi^2/\text{NDF}: 40.2/2$

Left: -72.876 ± 1.792 $\chi^2/\text{NDF}: 420.5/6$

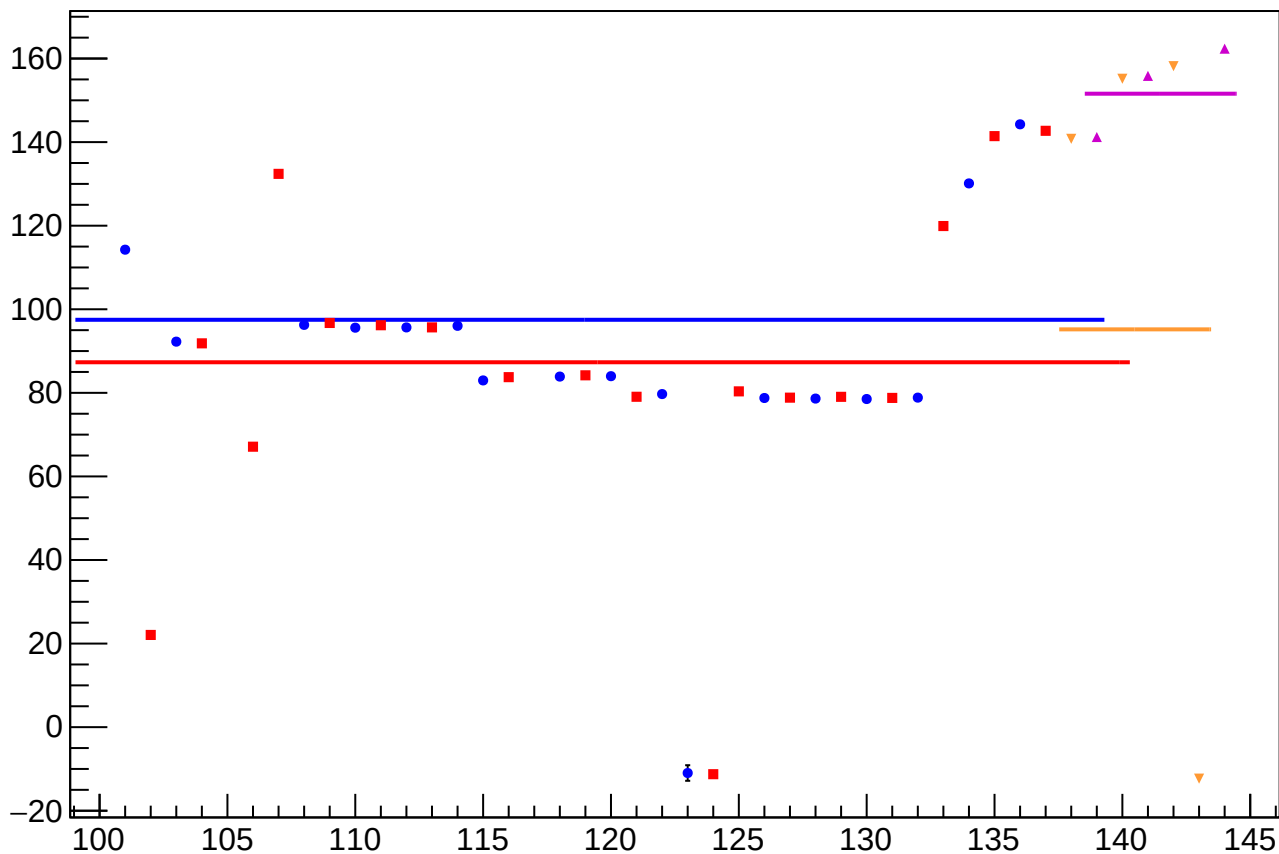
Right: -75.095 ± 0.859 $\chi^2/\text{NDF}: 1485.1/34$

In: -78.951 ± 1.124 $\chi^2/\text{NDF}: 869.5/19$

Out: -70.822 ± 1.069 $\chi^2/\text{NDF}: 1009.8/21$

All: -74.680 ± 0.775 $\chi^2/\text{NDF}: 1906.8/41$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483 ± 0.073 $\chi^2/\text{NDF}: 94392.9/16$

Left Out: 95.191 ± 0.109 $\chi^2/\text{NDF}: 495181.8/3$

Right Out: 87.318 ± 0.068 $\chi^2/\text{NDF}: 221863.6/17$

Left In: 151.584 ± 0.123 $\chi^2/\text{NDF}: 5406.3/2$

Left: 120.137 ± 0.082 $\chi^2/\text{NDF}: 618513.1/6$

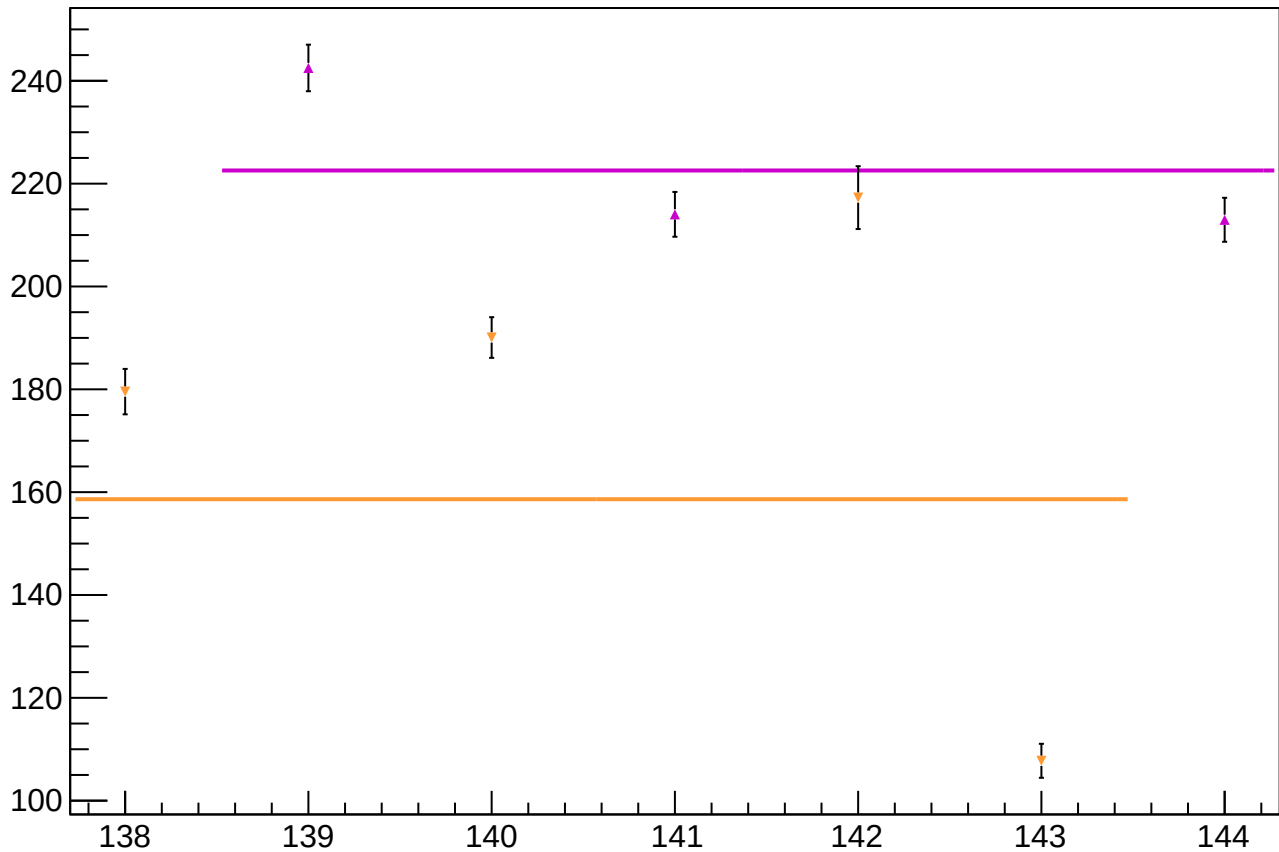
Right: 92.040 ± 0.050 $\chi^2/\text{NDF}: 326534.9/34$

In: 111.743 ± 0.063 $\chi^2/\text{NDF}: 243130.7/19$

Out: 89.533 ± 0.058 $\chi^2/\text{NDF}: 720779.3/21$

All: 99.717 ± 0.043 $\chi^2/\text{NDF}: 1031297.9/41$

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: 158.628+/-2.070 χ^2/NDF :414.6/3

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: 184.248+/-1.602 χ^2/NDF : 825.3/6

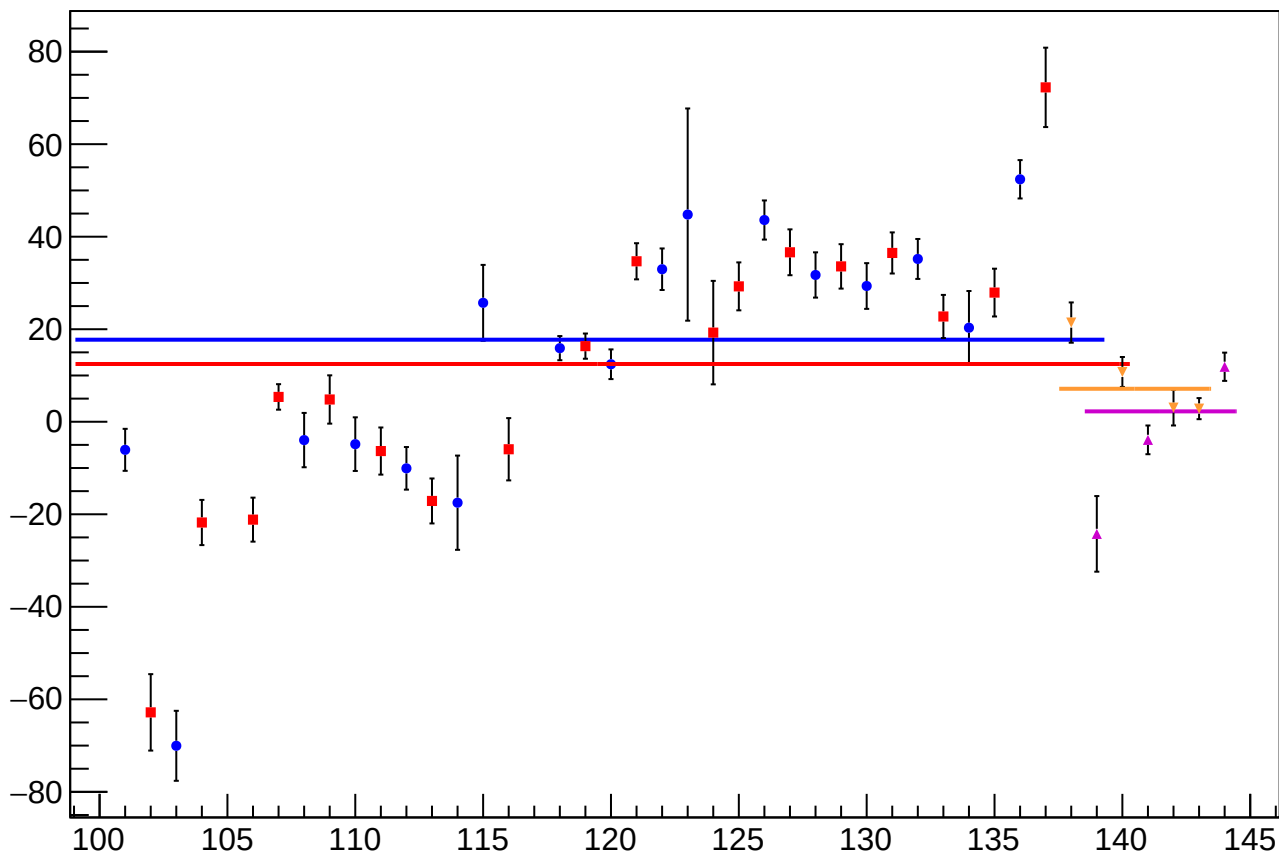
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 222.561+/-2.531 χ^2/NDF :28.3/2

Out: 158.628+/-2.070 χ^2/NDF :414.6/3

All: 184.248+/-1.602 χ^2/NDF : 825.3/6

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 5.387 $\pm$ 1.256 χ^2/NDF : 44.6/6

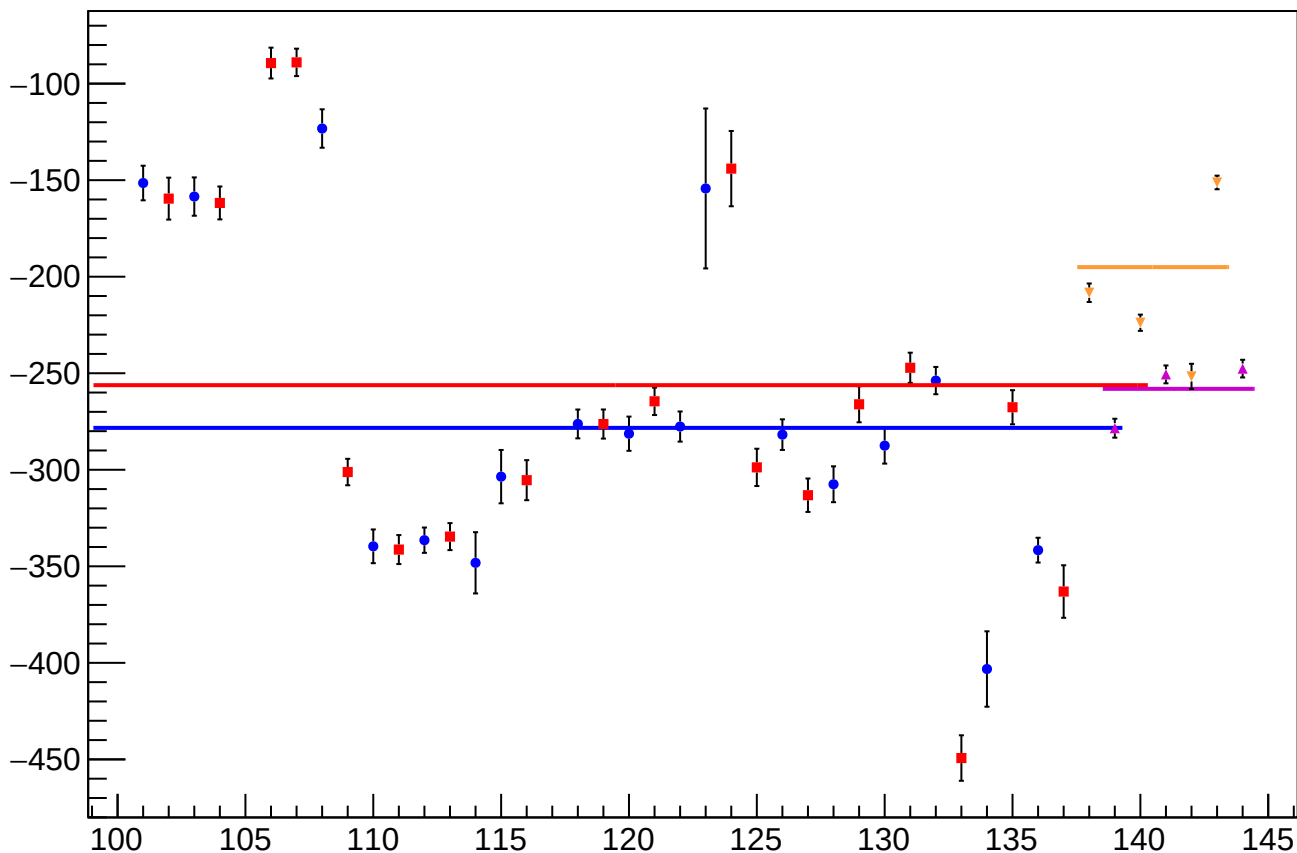
Right: 14.961 $\pm$ 0.789 χ^2/NDF : 834.2/34

In: 14.178 $\pm$ 1.008 χ^2/NDF : 460.2/19

Out: 10.746 $\pm$ 0.892 χ^2/NDF : 453.8/21

All: 12.253 $\pm$ 0.668 χ^2/NDF : 920.5/41

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -195.037 ± 2.215 χ^2/NDF : 284.0/3

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -258.086 ± 2.712 χ^2/NDF : 25.2/2

Left: -220.264 ± 1.715 χ^2/NDF : 633.4/6

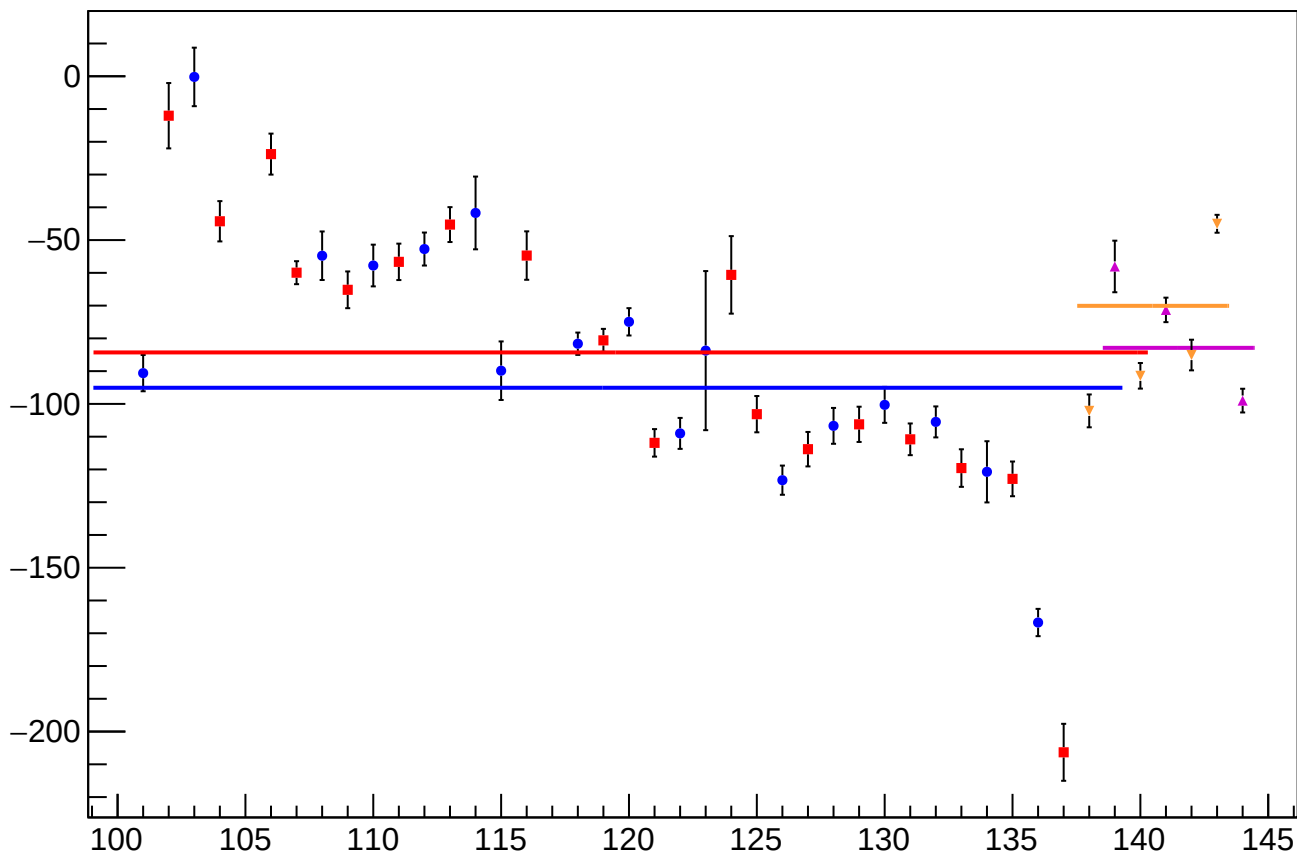
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -270.397 ± 1.695 χ^2/NDF : 969.0/19

Out: -228.342 ± 1.494 χ^2/NDF : 2651.3/21

All: -246.731 ± 1.121 χ^2/NDF : 3966.5/41

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -70.069 ± 1.872 χ^2/NDF : 165.3/3

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: -74.751 ± 1.492 χ^2/NDF : 221.7/6

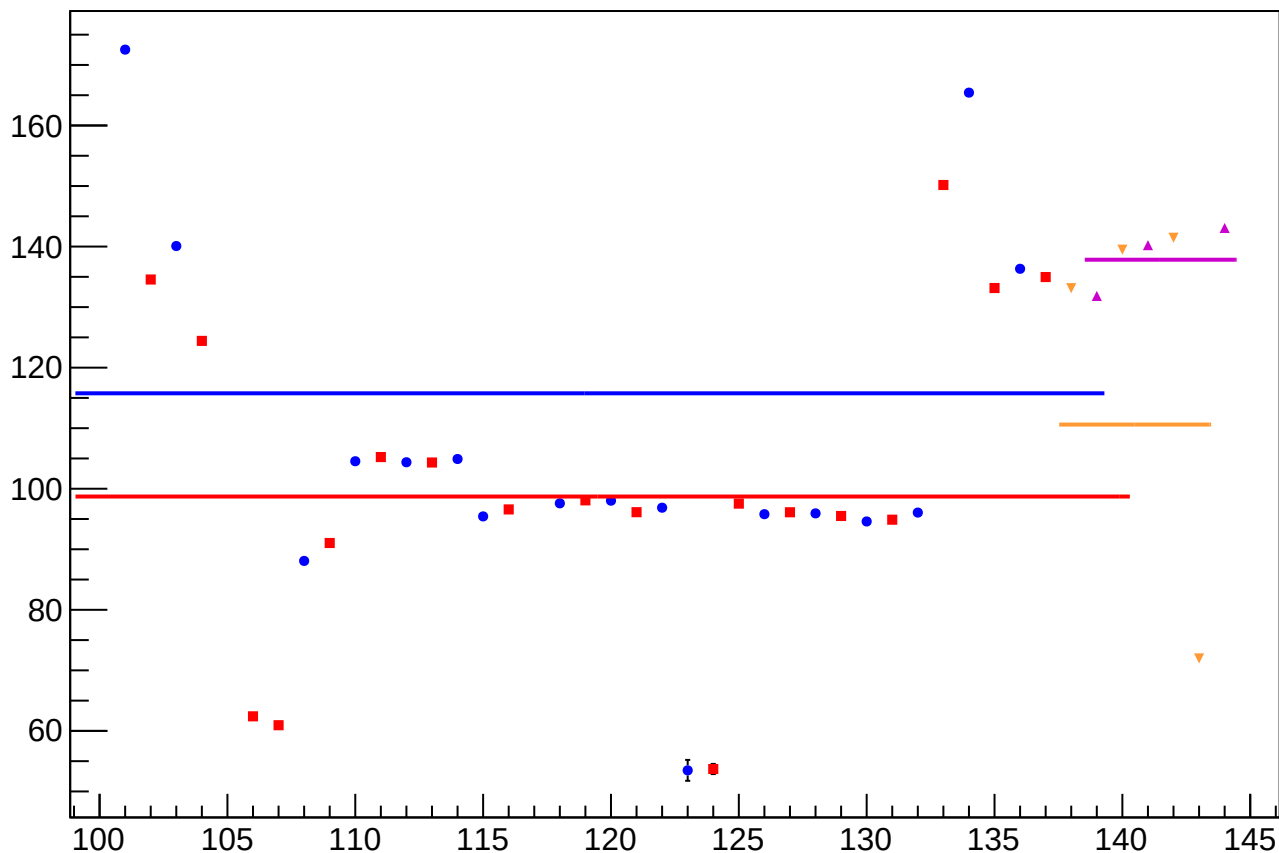
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -92.348 ± 1.168 χ^2/NDF : 731.5/19

Out: -79.866 ± 1.044 χ^2/NDF : 973.8/21

All: -85.413 ± 0.778 χ^2/NDF : 1768.7/41

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: 110.600+/-0.091 χ^2/NDF :126544.9/3

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: 121.961+/-0.069 χ^2/NDF : 166102.0/6

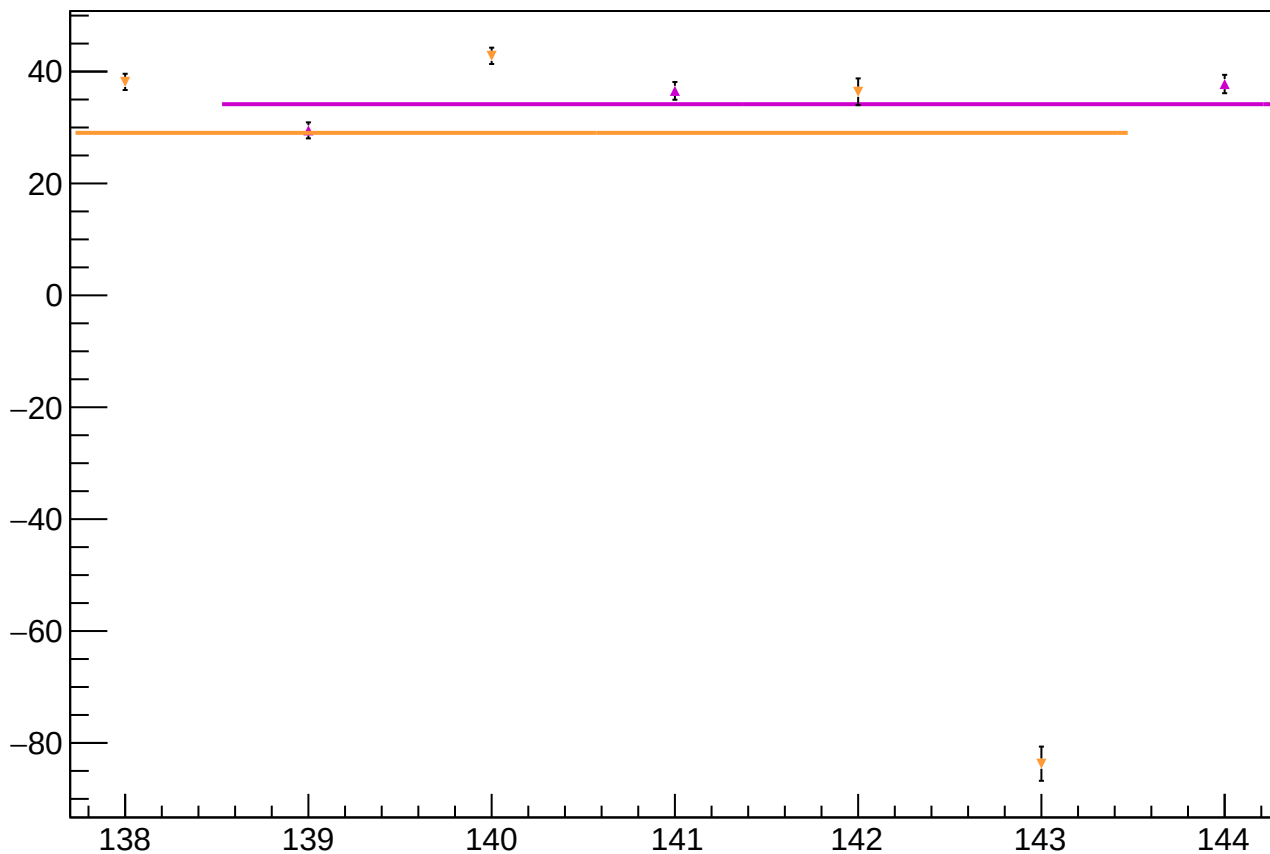
Right: 106.153+/-0.052 χ^2/NDF : 303349.7/34

In: 123.400+/-0.063 χ^2/NDF :135983.8/19

Out: 103.041+/-0.055 χ^2/NDF :307624.1/21

All: 111.786+/-0.041 χ^2/NDF : 502917.3/41

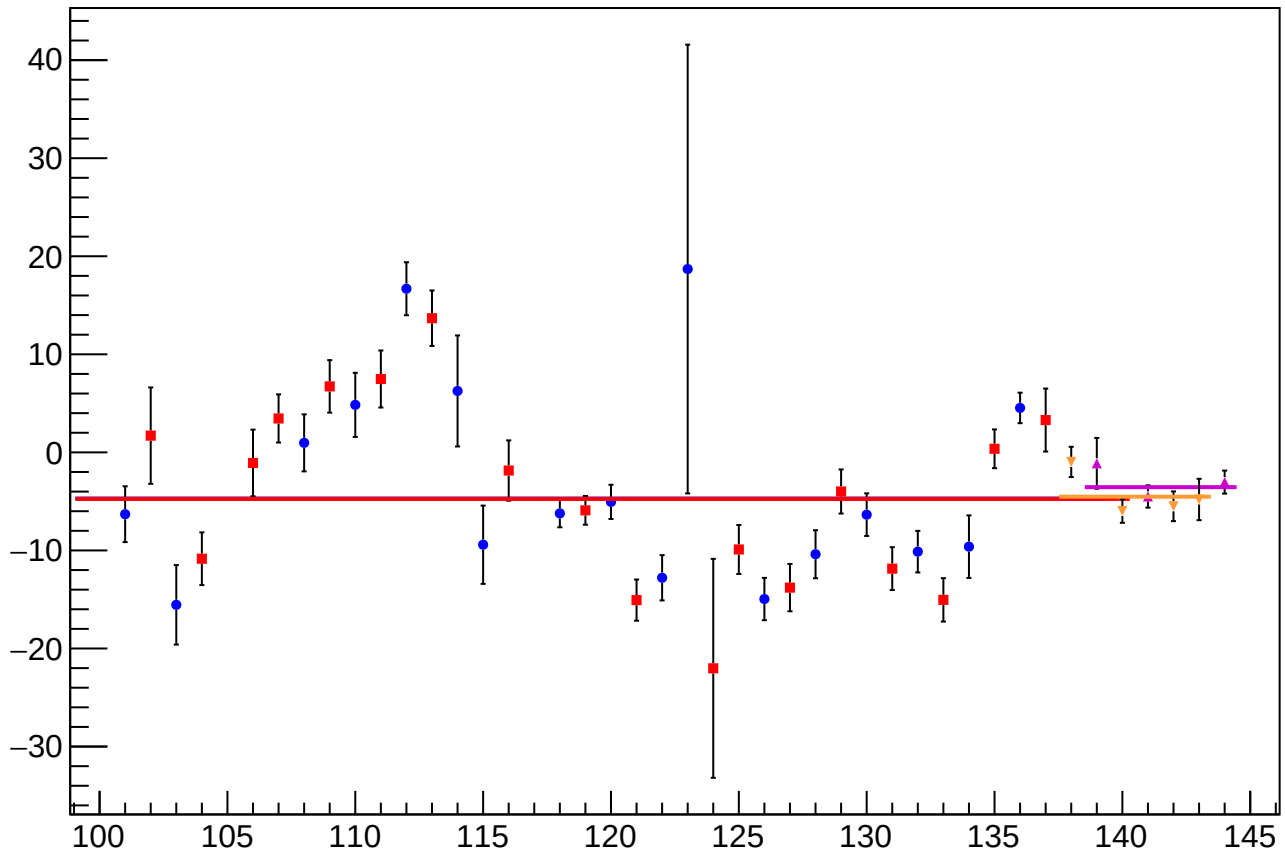
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 29.043 $\pm$ 0.903 χ^2 /NDF:1499.4/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 34.165 $\pm$ 0.893 χ^2 /NDF:17.7/2

Left: 31.633 $\pm$ 0.635 χ^2 /NDF: 1533.4/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 34.165 $\pm$ 0.893 χ^2 /NDF:17.7/2
 Out: 29.043 $\pm$ 0.903 χ^2 /NDF:1499.4/3
 All: 31.633 $\pm$ 0.635 χ^2 /NDF: 1533.4/6

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: -4.521 ± 0.751 χ^2/NDF : 7.2/3

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: -4.051 ± 0.541 χ^2/NDF : 9.8/6

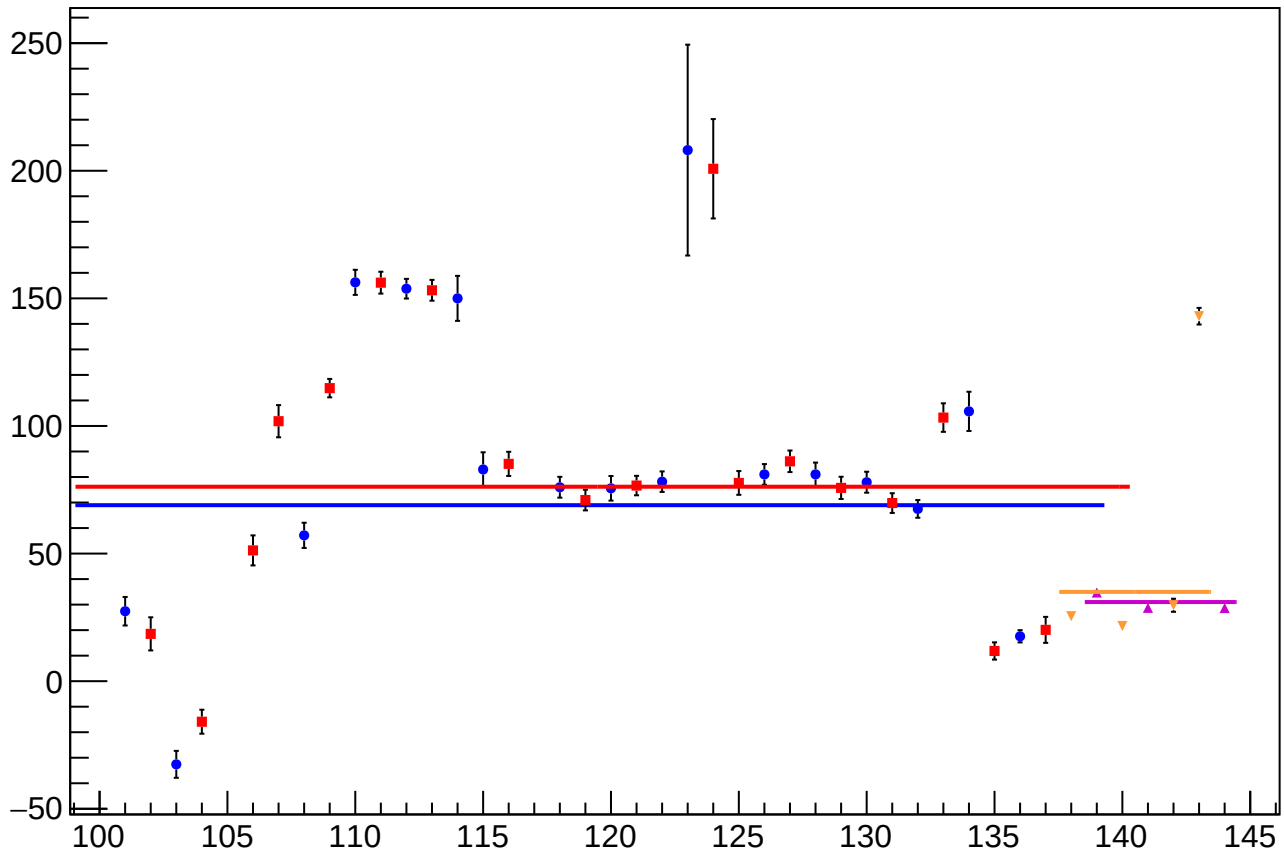
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -4.296 ± 0.466 χ^2/NDF : 177.9/19

Out: -4.660 ± 0.462 χ^2/NDF : 196.5/21

All: -4.480 ± 0.328 χ^2/NDF : 374.8/41

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: 34.979 ± 0.969 $\chi^2/\text{NDF}: 1213.4/3$

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: 32.969 ± 0.681 $\chi^2/\text{NDF}: 1231.3/6$

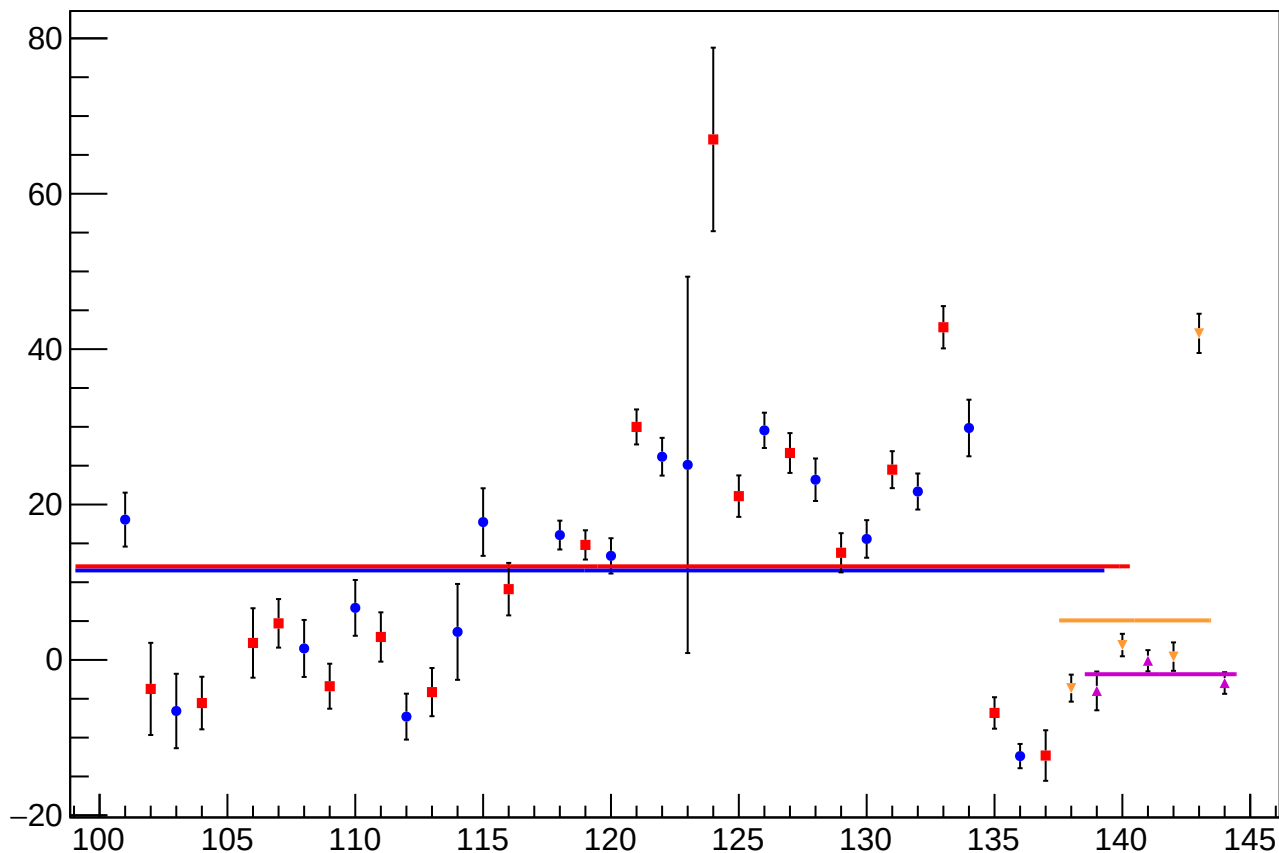
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 47.726 ± 0.716 $\chi^2/\text{NDF}: 2545.7/19$

Out: 53.539 ± 0.719 $\chi^2/\text{NDF}: 3908.7/21$

All: 50.622 ± 0.507 $\chi^2/\text{NDF}: 6487.2/41$

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: 5.085+/-0.889 χ^2/NDF :250.5/3

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: 1.692+/-0.635 χ^2/NDF : 283.2/6

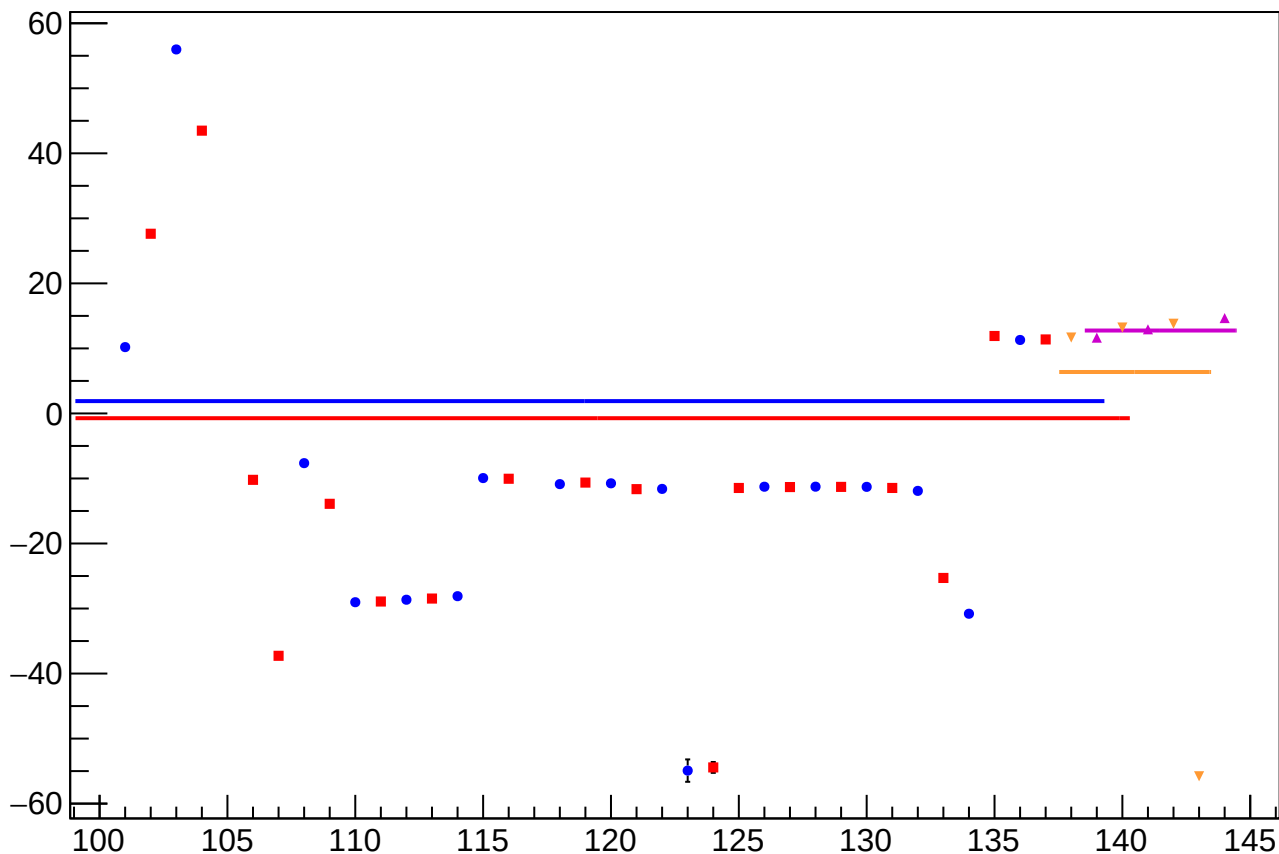
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 6.898+/-0.534 χ^2/NDF :622.1/19

Out: 9.551+/-0.532 χ^2/NDF :828.5/21

All: 8.228+/-0.377 χ^2/NDF : 1463.0/41

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 6.373+/-0.040 χ^2/NDF :248178.5/3

Right Out: -0.733+/-0.037 χ^2/NDF : 359934.4/17

Left In: 12.750+/-0.037 χ^2/NDF :1028.0/2

Left: 9.749+/-0.027 χ^2/NDF : 262977.1/6

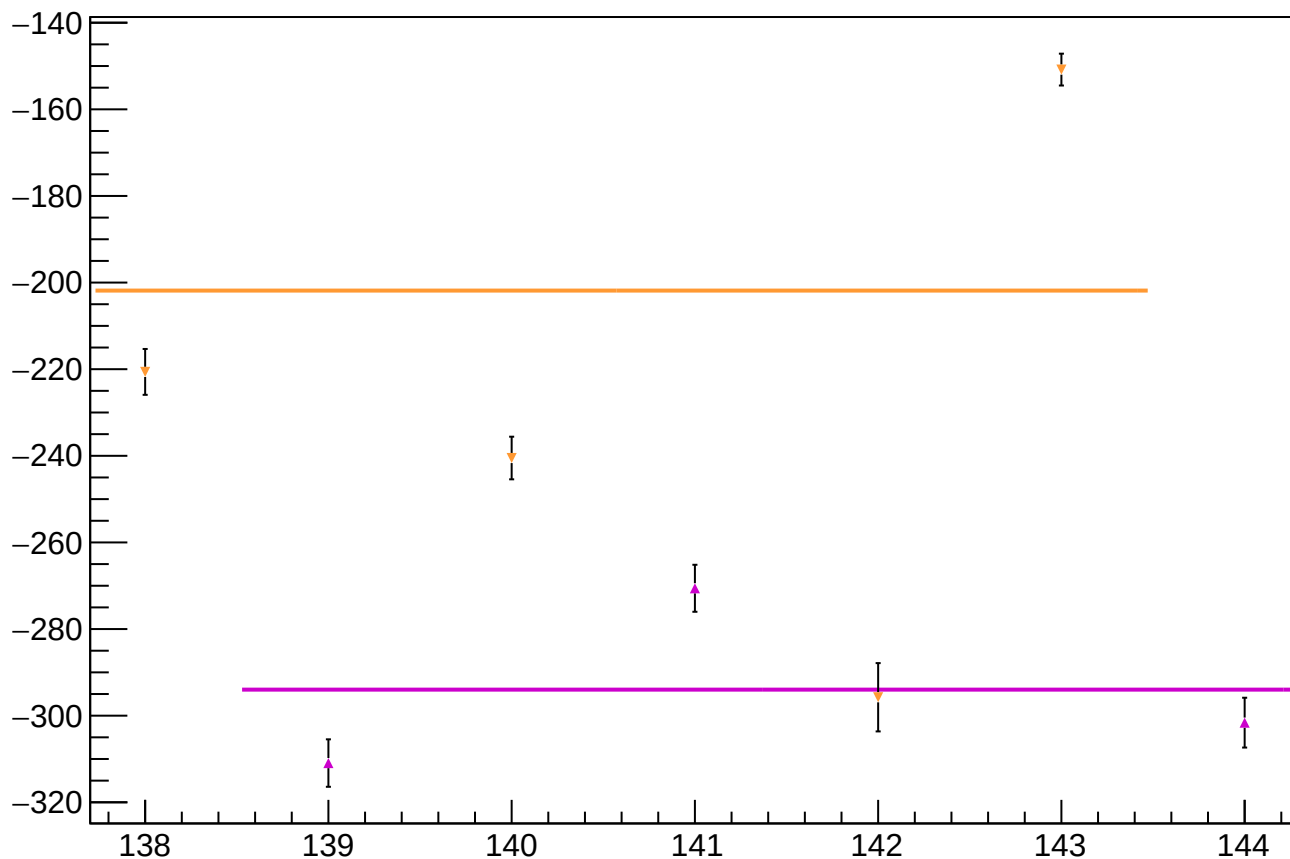
Right: 0.584+/-0.026 χ^2/NDF : 721303.3/34

In: 7.289+/-0.026 χ^2/NDF :402540.8/19

Out: 2.595+/-0.027 χ^2/NDF :625280.2/21

All: 5.011+/-0.019 χ^2/NDF : 1043306.8/41

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: -201.848+/-2.447 χ^2/NDF :408.7/3

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: -235.802+/-1.944 χ^2/NDF : 961.3/6

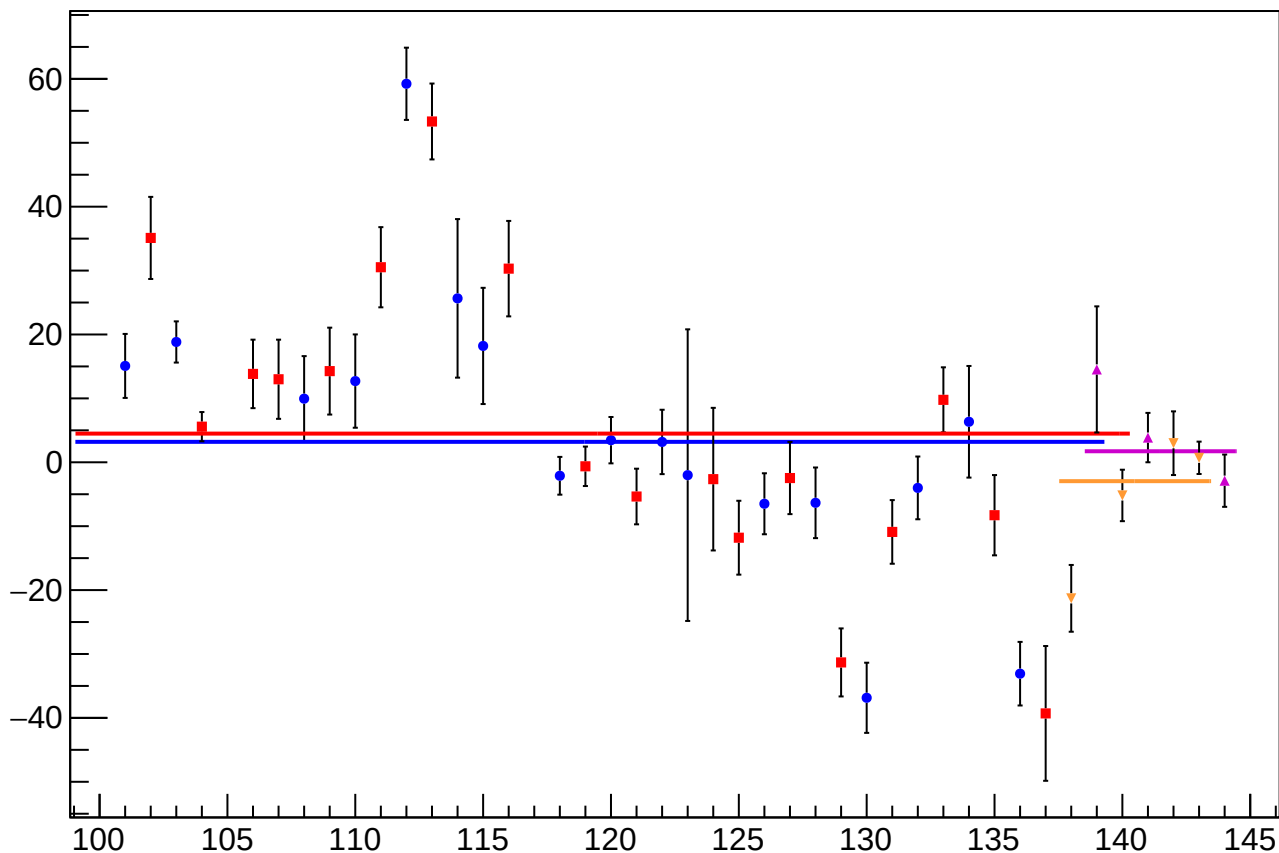
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -293.987+/-3.203 χ^2/NDF :29.9/2

Out: -201.848+/-2.447 χ^2/NDF :408.7/3

All: -235.802+/-1.944 χ^2/NDF : 961.3/6

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2 /NDF: 255.2/16

Left Out: -2.954 $\pm$ 1.842 χ^2 /NDF:16.1/3

Right Out: 4.489 $\pm$ 1.159 χ^2 /NDF: 221.8/17

Left In: 1.725 $\pm$ 2.702 χ^2 /NDF:3.3/2

Left: -1.469 $\pm$ 1.522 χ^2 /NDF: 21.4/6

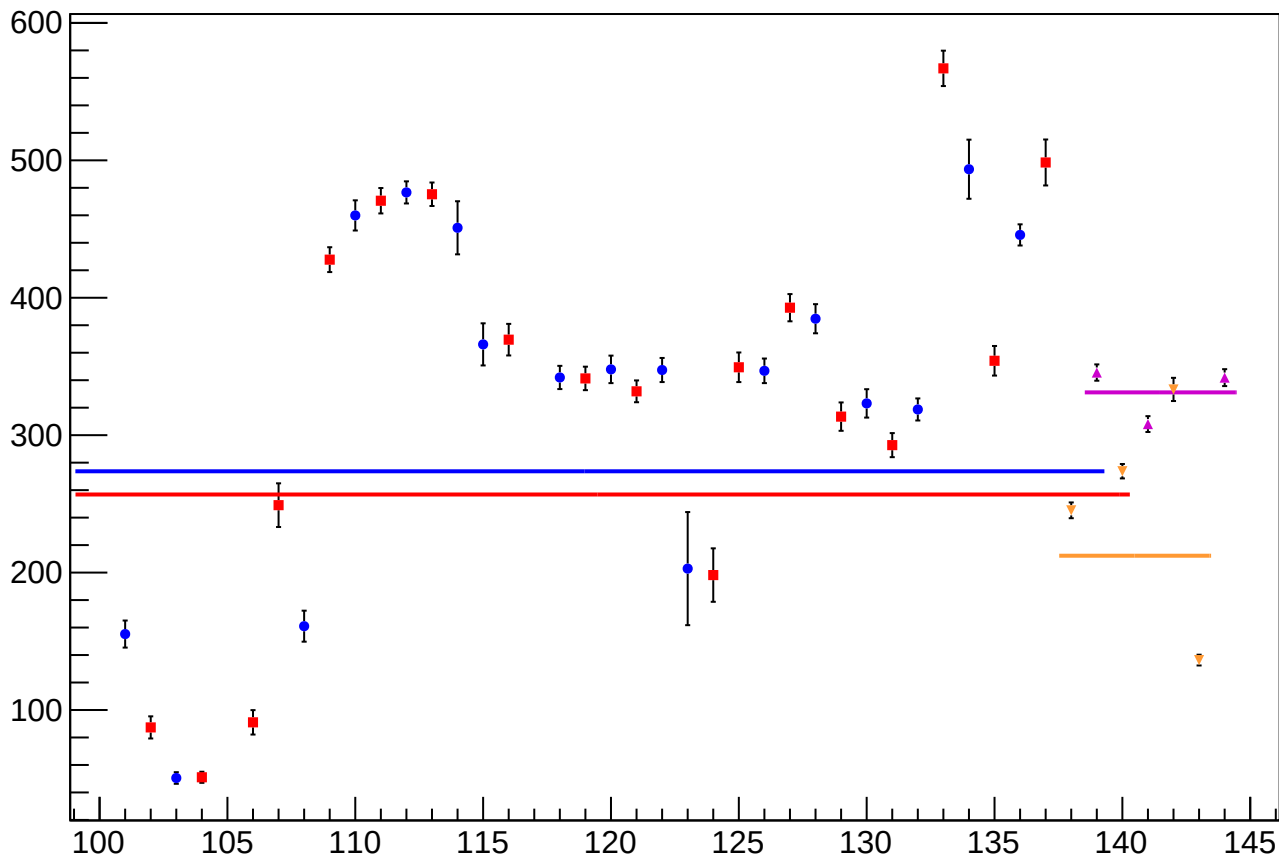
Right: 3.881 $\pm$ 0.843 χ^2 /NDF: 477.5/34

In: 2.948 $\pm$ 1.117 χ^2 /NDF:258.7/19

Out: 2.379 $\pm$ 0.981 χ^2 /NDF:249.6/21

All: 2.626 $\pm$ 0.737 χ^2 /NDF: 508.4/41

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: 212.271 $\pm$ 2.618 χ^2 /NDF: 751.8/3

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: 255.983 $\pm$ 2.082 χ^2 /NDF: 1534.8/6

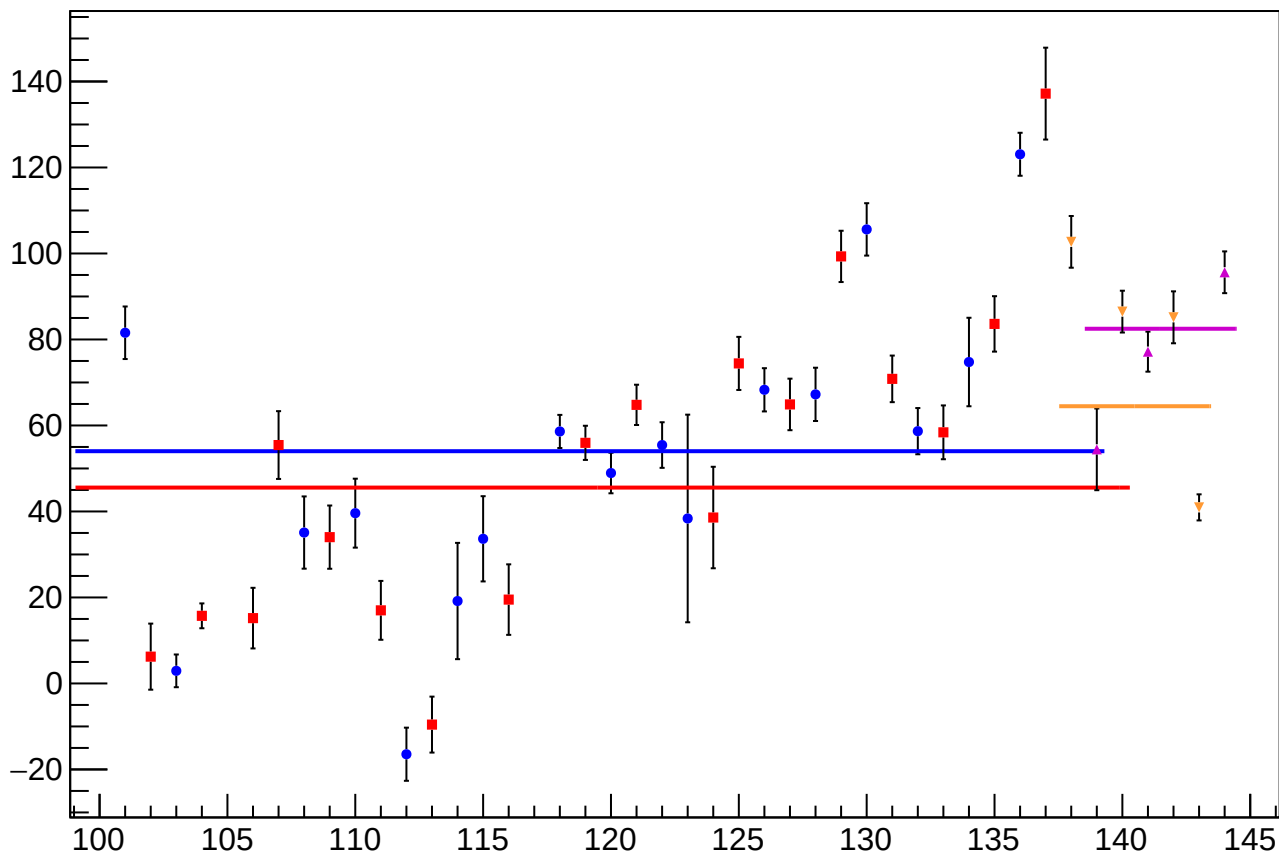
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 290.376 $\pm$ 1.849 χ^2 /NDF: 5326.9/19

Out: 239.549 $\pm$ 1.630 χ^2 /NDF: 7340.8/21

All: 261.780 $\pm$ 1.223 χ^2 /NDF: 13092.8/41

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: 64.474 $\pm$ 2.203 χ^2 /NDF:132.7/3

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: 70.348 $\pm$ 1.809 χ^2 /NDF: 171.8/6

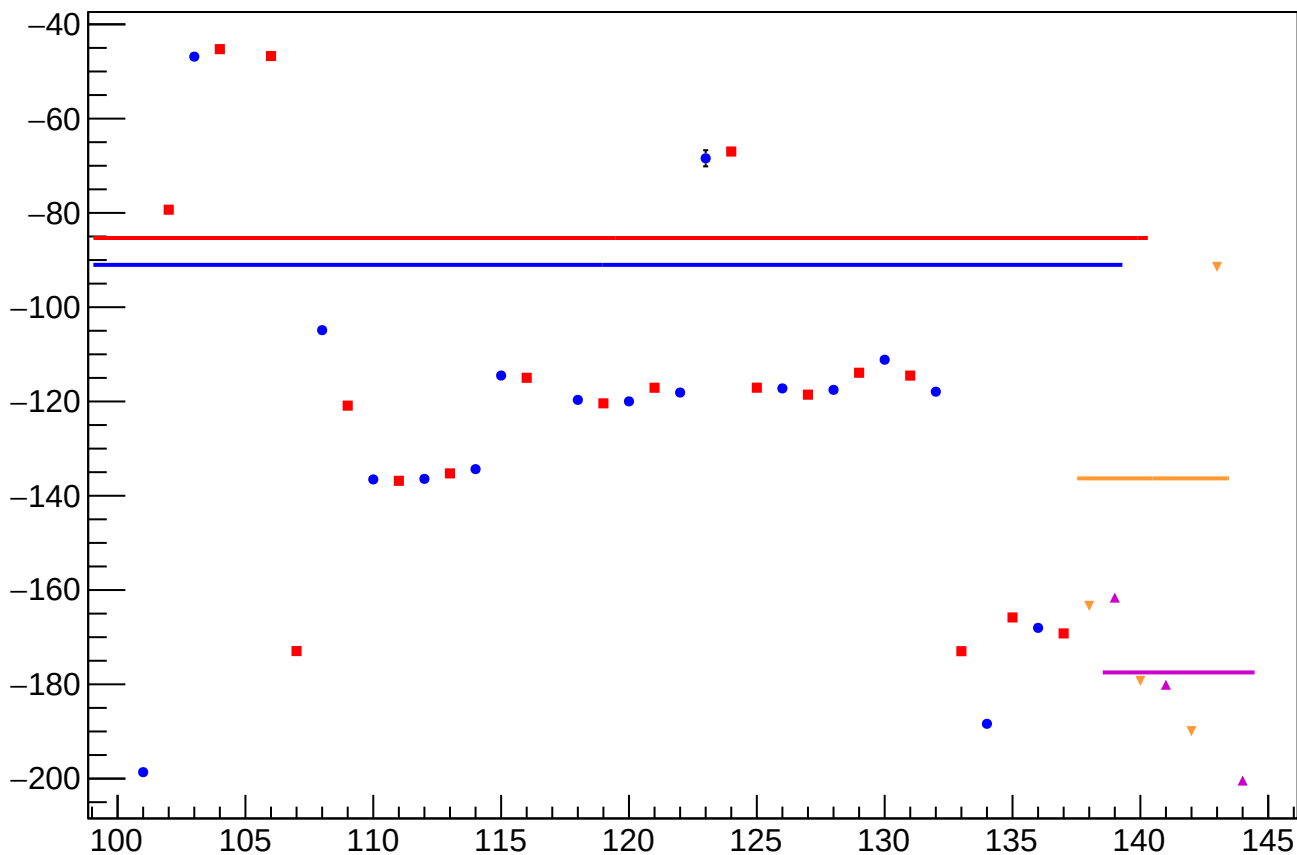
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 58.797 $\pm$ 1.298 χ^2 /NDF:717.4/19

Out: 50.763 $\pm$ 1.156 χ^2 /NDF:712.8/21

All: 54.317 $\pm$ 0.863 χ^2 /NDF: 1451.5/41

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: -136.314+/-0.107 χ^2/NDF : 154918.3/3

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: -152.240+/-0.084 χ^2/NDF : 225151.5/6

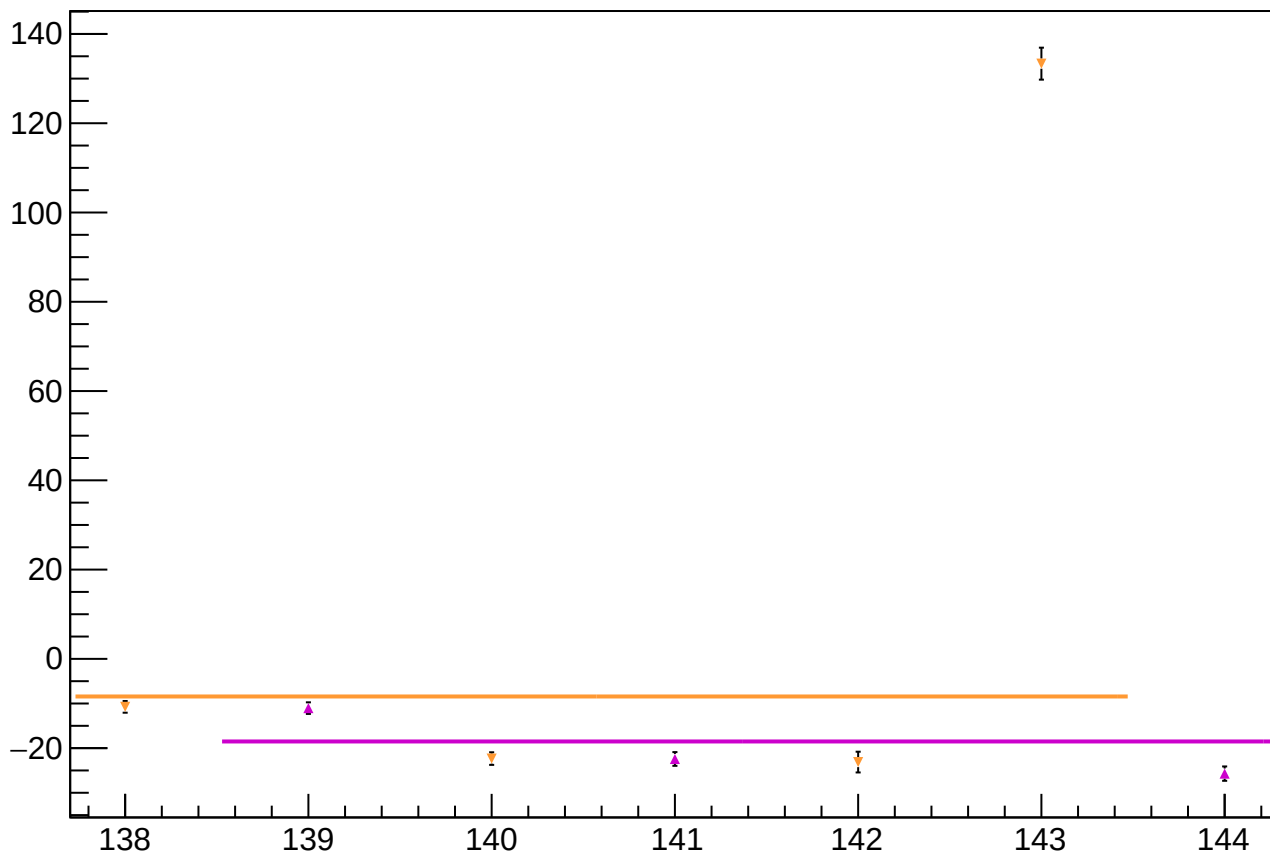
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -108.368+/-0.060 χ^2/NDF : 875769.7/19

Out: -99.089+/-0.056 χ^2/NDF : 803312.1/21

All: -103.350+/-0.041 χ^2/NDF : 1691835.7/41

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: -8.427+/-0.862 χ^2/NDF :1707.4/3

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: -13.572+/-0.603 χ^2/NDF : 1836.9/6

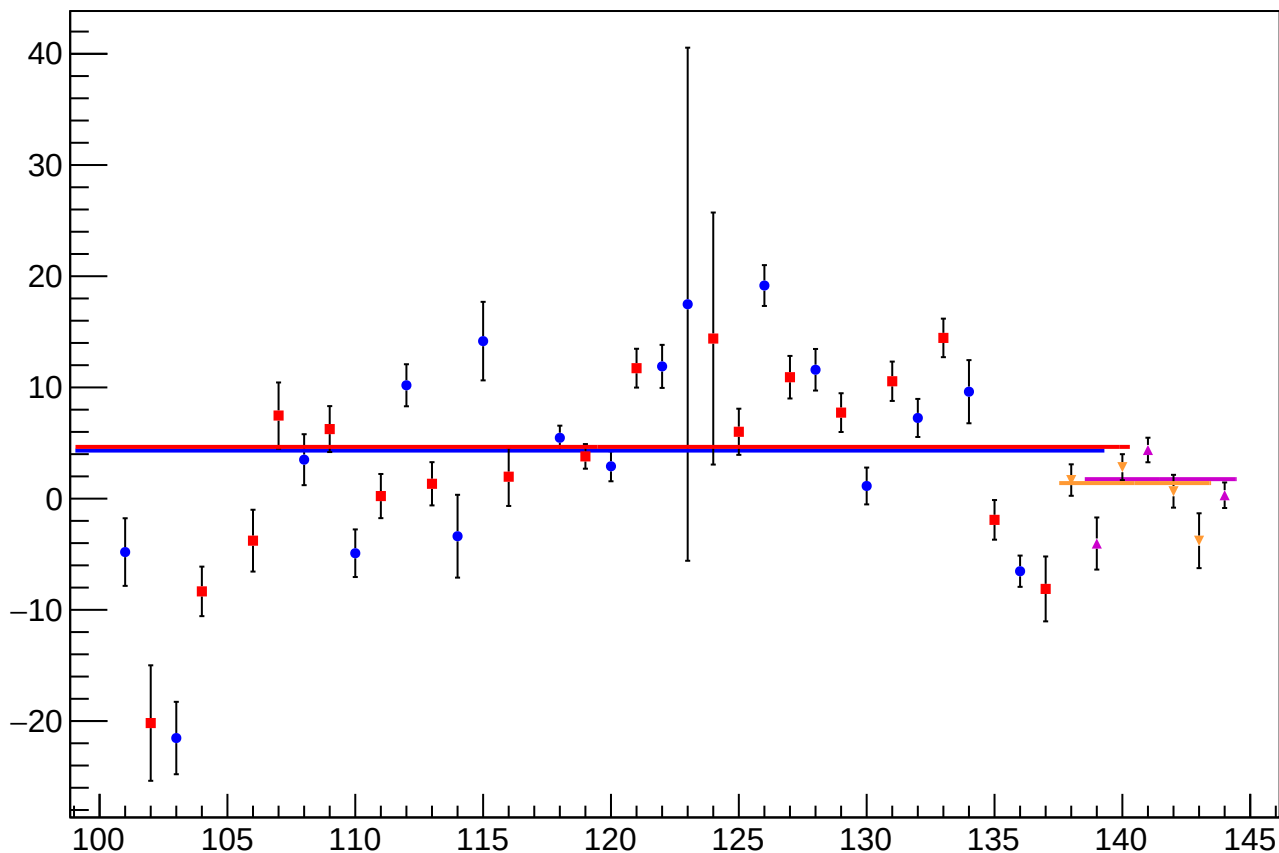
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.506+/-0.844 χ^2/NDF :59.8/2

Out: -8.427+/-0.862 χ^2/NDF :1707.4/3

All: -13.572+/-0.603 χ^2/NDF : 1836.9/6

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 1.398 ± 0.734 χ^2/NDF : 6.2/3

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 1.753 ± 0.754 χ^2/NDF : 13.3/2

Left: 1.571 ± 0.526 χ^2/NDF : 19.6/6

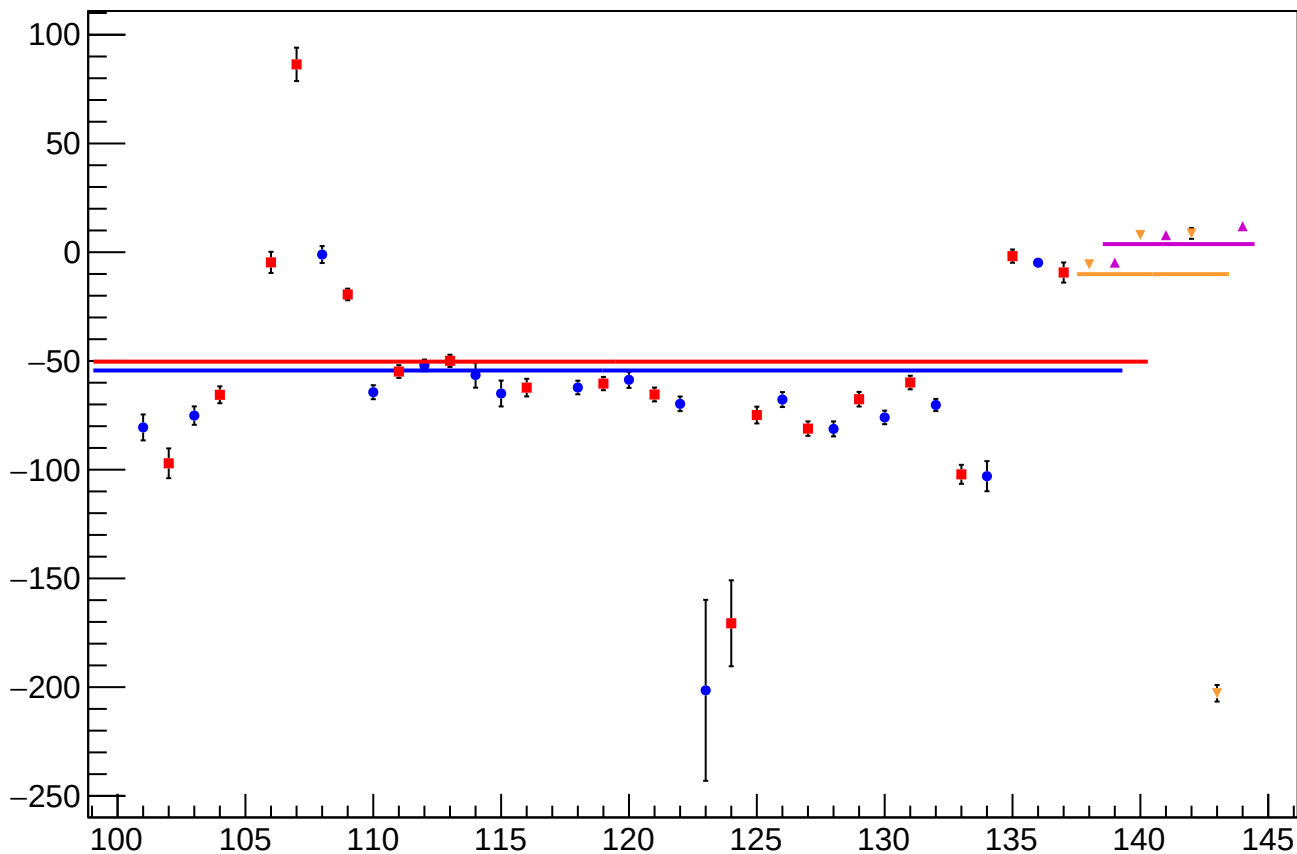
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 3.613 ± 0.396 χ^2/NDF : 302.0/19

Out: 3.695 ± 0.398 χ^2/NDF : 204.5/21

All: 3.654 ± 0.281 χ^2/NDF : 506.6/41

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -10.083 ± 0.926 $\chi^2/\text{NDF}: 2756.0/3$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: 3.736 ± 0.906 $\chi^2/\text{NDF}: 65.9/2$

Left: -3.020 ± 0.647 $\chi^2/\text{NDF}: 2935.7/6$

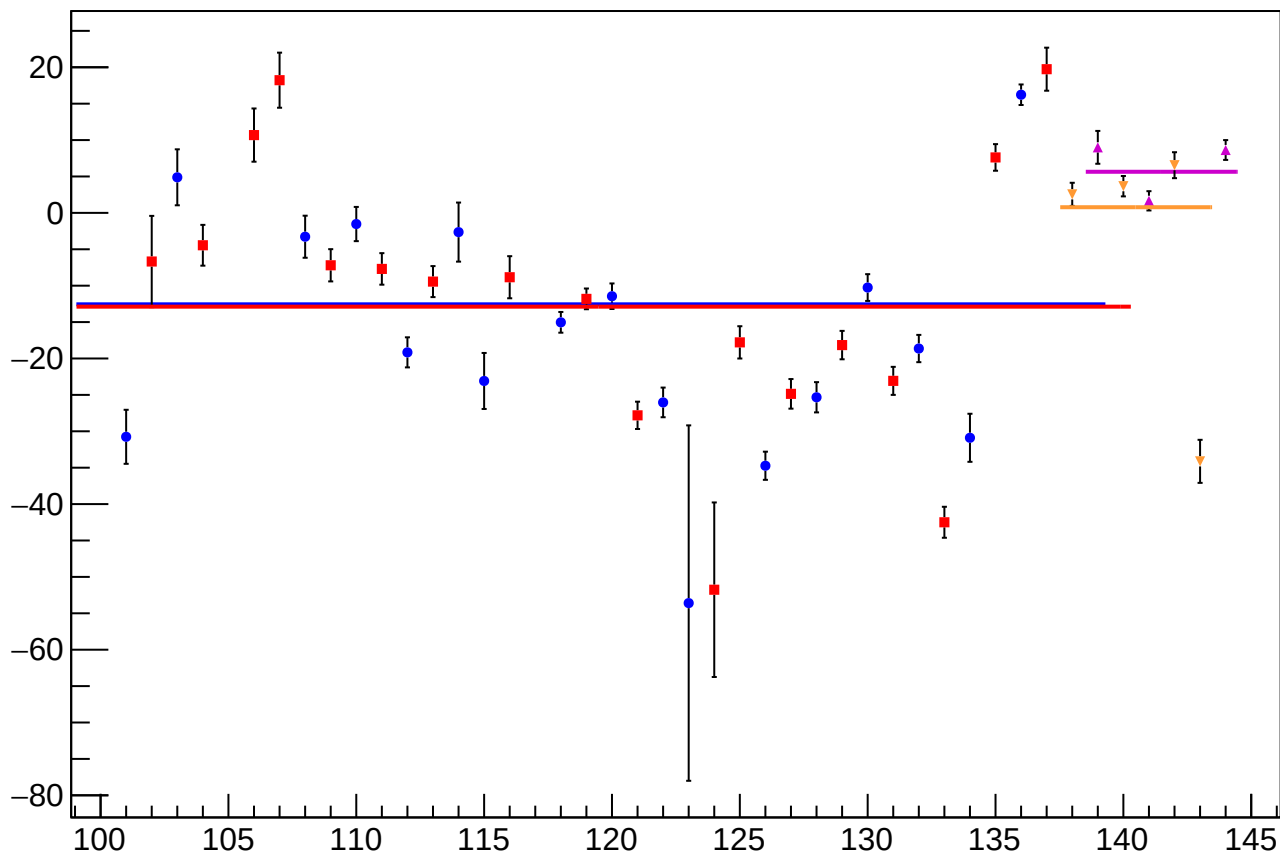
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -26.679 ± 0.625 $\chi^2/\text{NDF}: 3234.8/19$

Out: -31.724 ± 0.629 $\chi^2/\text{NDF}: 5090.7/21$

All: -29.185 ± 0.444 $\chi^2/\text{NDF}: 8357.9/41$

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: 0.776 ± 0.865 χ^2/NDF : 155.4/3

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: 3.185 ± 0.615 χ^2/NDF : 187.2/6

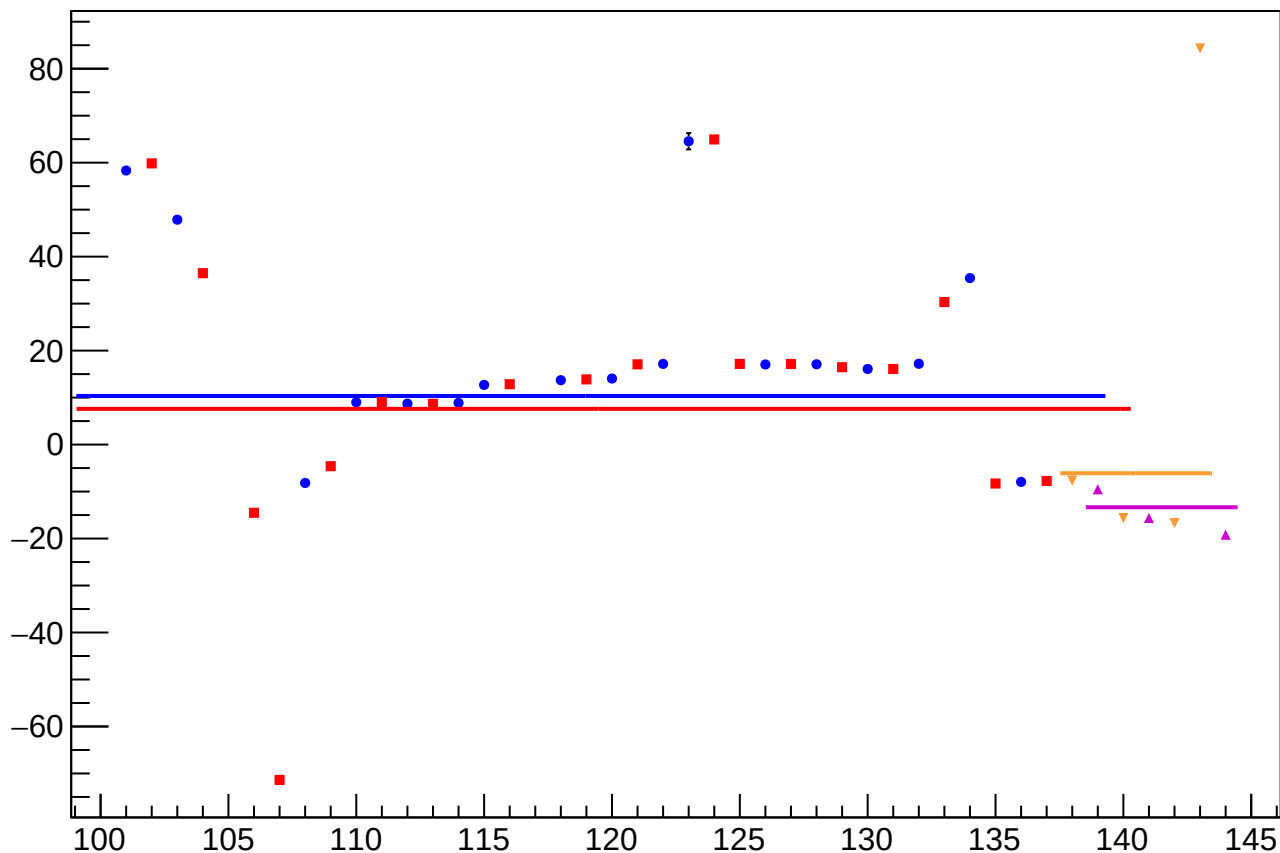
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -7.652 ± 0.454 χ^2/NDF : 1112.1/19

Out: -9.070 ± 0.457 χ^2/NDF : 1061.6/21

All: -8.357 ± 0.322 χ^2/NDF : 2178.6/41

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: -6.100+/-0.038 χ^2/NDF : 379652.1/3

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: -9.980+/-0.026 χ^2/NDF : 412690.8/6

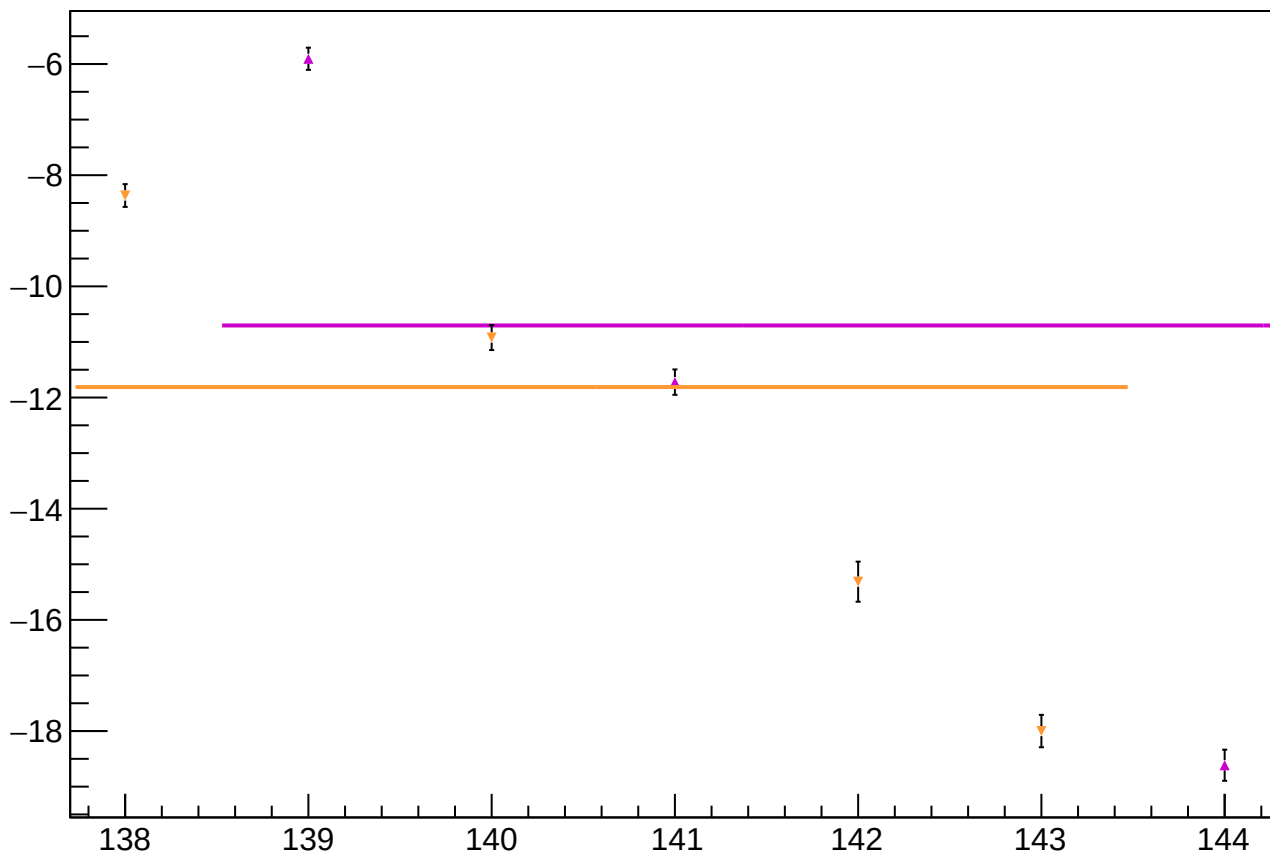
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: 0.103+/-0.023 χ^2/NDF : 653663.3/19

Out: 2.001+/-0.024 χ^2/NDF : 996478.6/21

All: 1.011+/-0.017 χ^2/NDF : 1653387.4/41

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.812+/-0.126 χ^2/NDF :843.6/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.703+/-0.132 χ^2/NDF :1396.7/2

Left: -11.286+/-0.091 χ^2/NDF : 2277.0/6

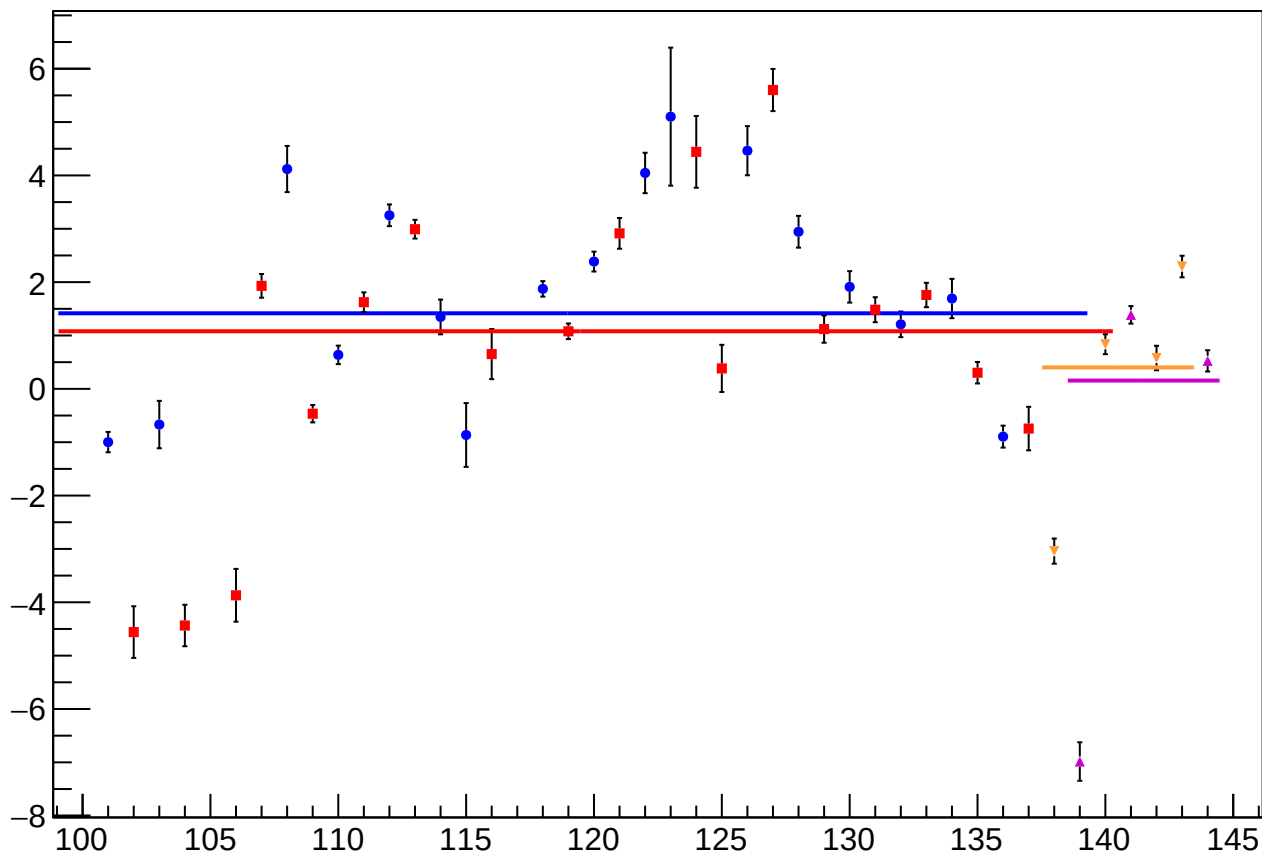
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.703+/-0.132 χ^2/NDF :1396.7/2

Out: -11.812+/-0.126 χ^2/NDF :843.6/3

All: -11.286+/-0.091 χ^2/NDF : 2277.0/6

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 0.402 $\pm$ 0.105 χ^2 /NDF:307.4/3

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 0.156 $\pm$ 0.120 χ^2 /NDF:450.5/2

Left: 0.295 $\pm$ 0.079 χ^2 /NDF: 760.3/6

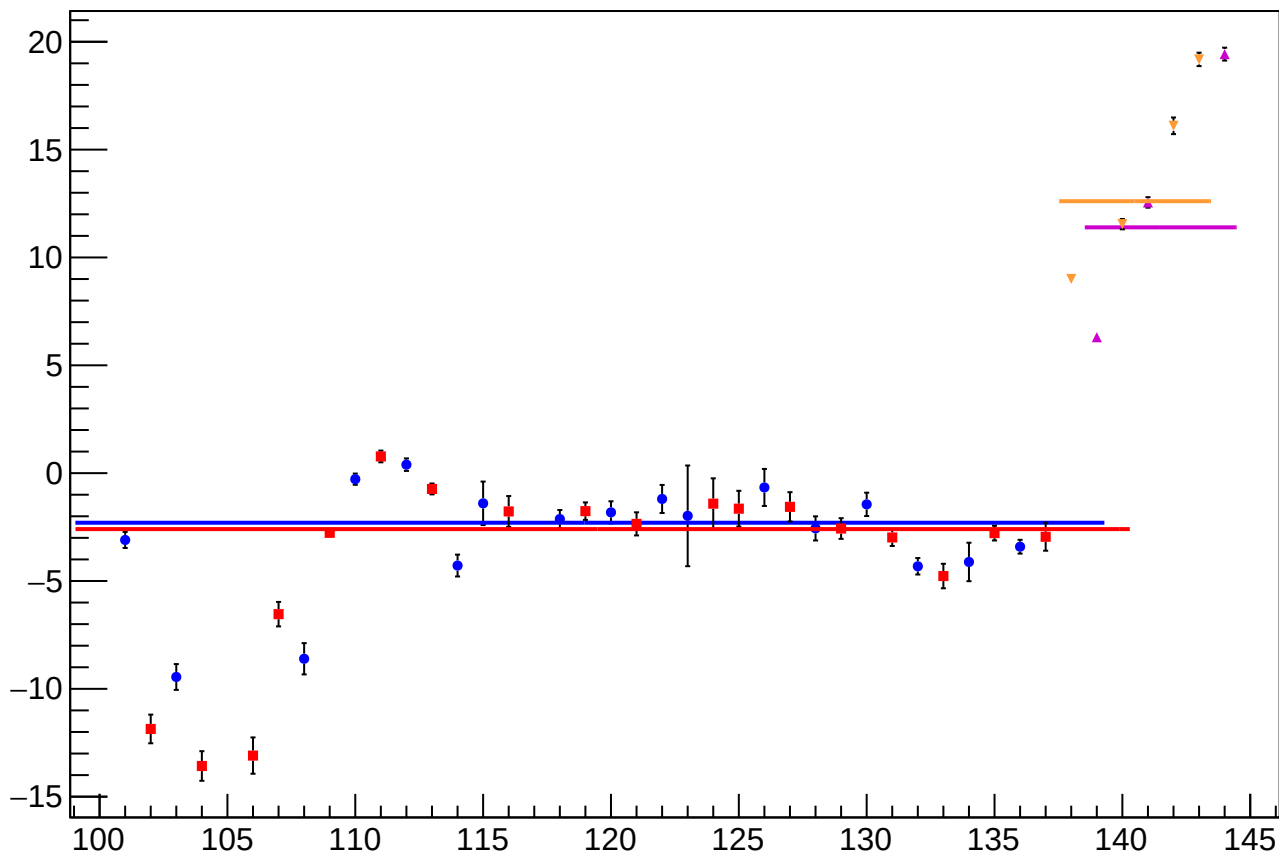
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 1.155 $\pm$ 0.054 χ^2 /NDF:1169.6/19

Out: 0.921 $\pm$ 0.051 χ^2 /NDF:1255.3/21

All: 1.030 $\pm$ 0.037 χ^2 /NDF: 2434.8/41

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 12.609 ± 0.135 $\chi^2/\text{NDF}: 811.2/3$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 11.396 ± 0.142 $\chi^2/\text{NDF}: 1300.2/2$

Left: 12.033 ± 0.098 $\chi^2/\text{NDF}: 2149.6/6$

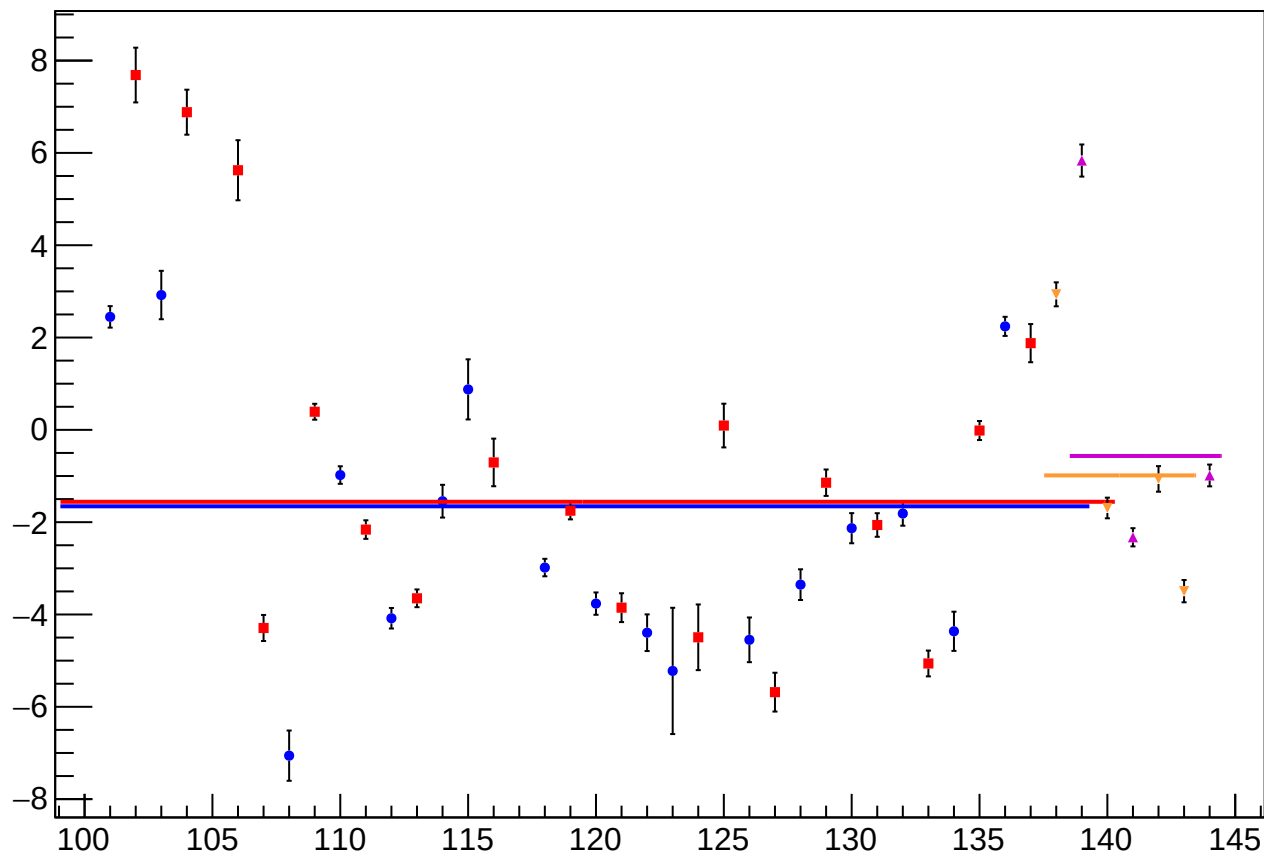
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 2.881 ± 0.087 $\chi^2/\text{NDF}: 7515.4/19$

Out: 2.730 ± 0.080 $\chi^2/\text{NDF}: 9913.8/21$

All: 2.799 ± 0.059 $\chi^2/\text{NDF}: 17430.8/41$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -0.986 ± 0.124 χ^2/NDF : 345.9/3

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -0.566 ± 0.139 χ^2/NDF : 421.5/2

Left: -0.799 ± 0.092 χ^2/NDF : 772.5/6

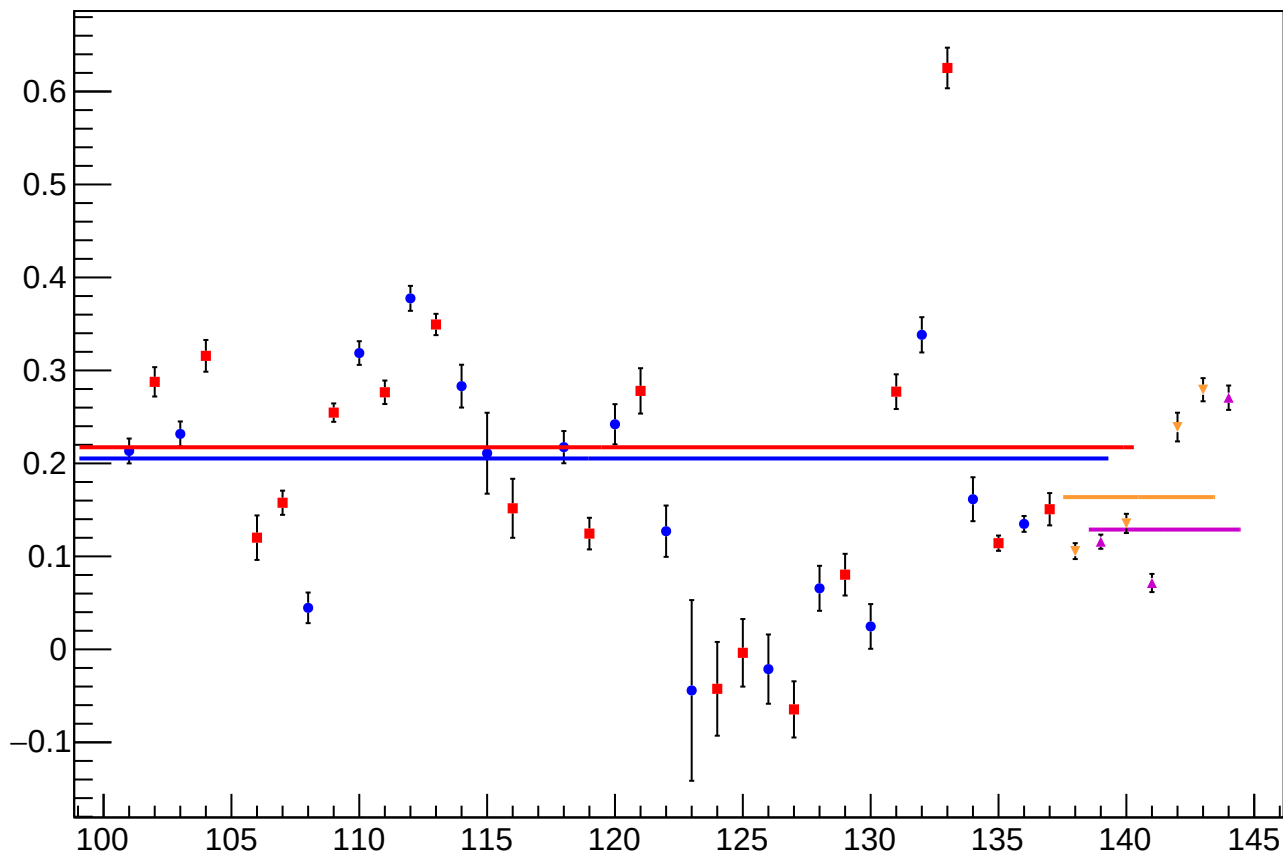
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.433 ± 0.063 χ^2/NDF : 1741.8/19

Out: -1.433 ± 0.058 χ^2/NDF : 1847.3/21

All: -1.433 ± 0.043 χ^2/NDF : 3589.0/41

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.164 $\pm$ 0.005 χ^2 /NDF:163.6/3

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF:154.7/2

Left: 0.146 $\pm$ 0.004 χ^2 /NDF: 338.8/6

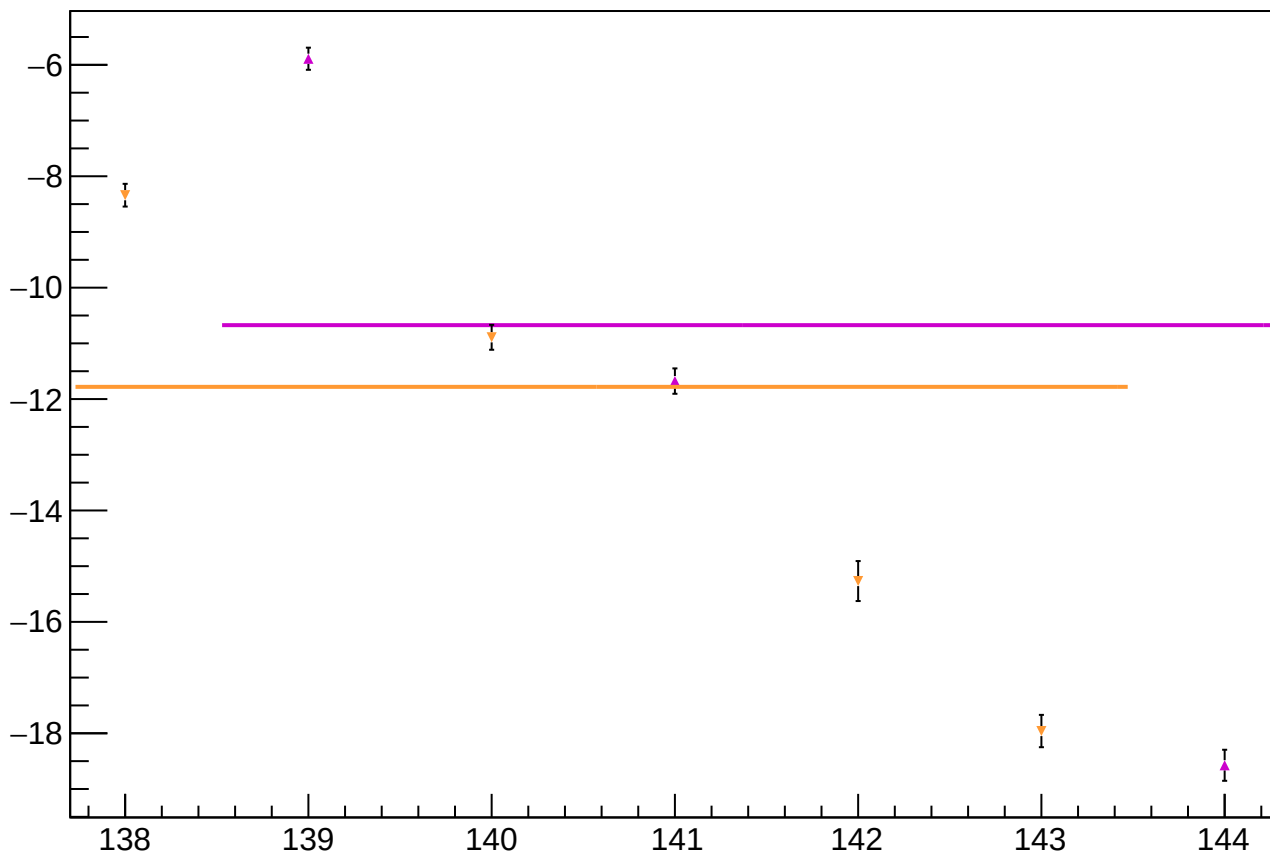
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.177 $\pm$ 0.003 χ^2 /NDF:899.6/19

Out: 0.200 $\pm$ 0.003 χ^2 /NDF:1249.2/21

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 2174.7/41

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: -11.781+/-0.125 χ^2/NDF :848.1/3

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: -11.255+/-0.091 χ^2/NDF : 2287.9/6

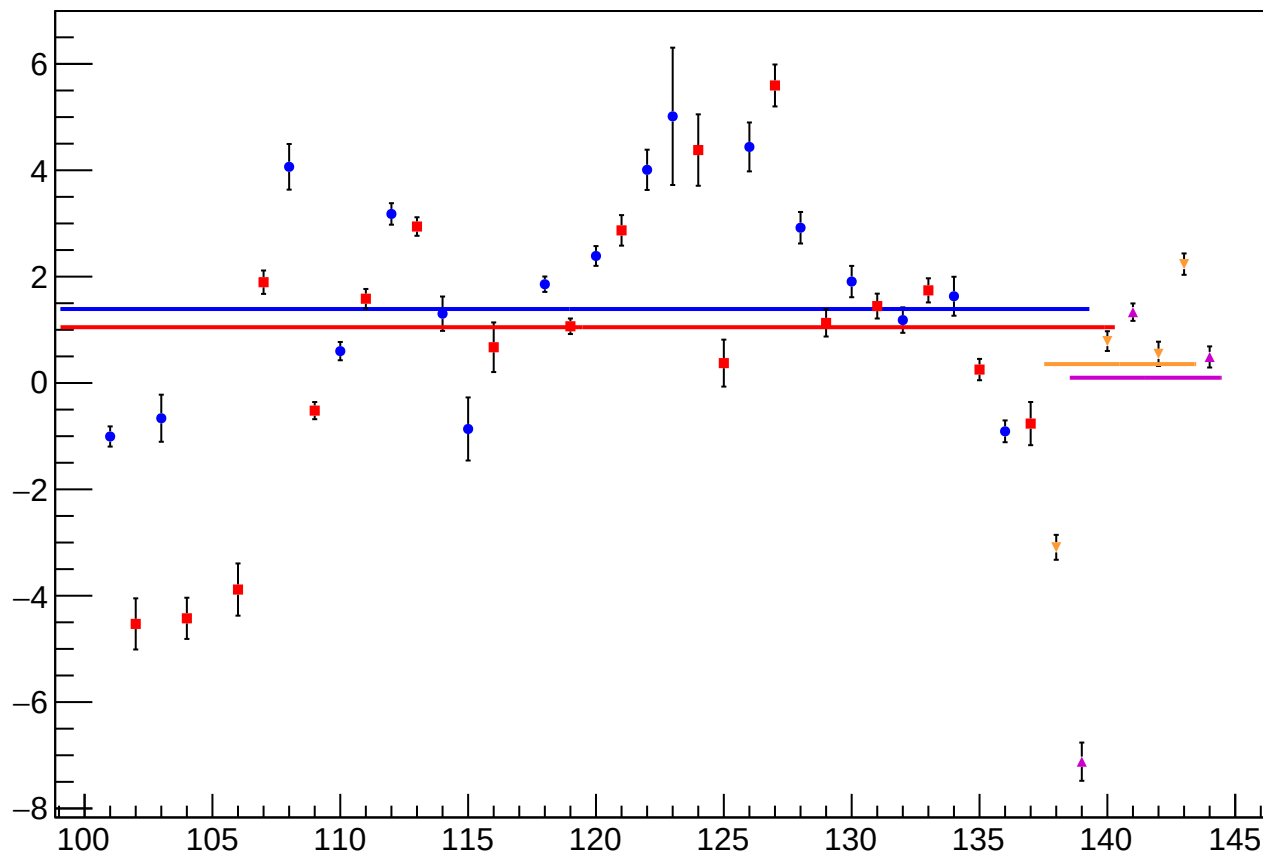
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.673+/-0.132 χ^2/NDF :1402.8/2

Out: -11.781+/-0.125 χ^2/NDF :848.1/3

All: -11.255+/-0.091 χ^2/NDF : 2287.9/6

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 0.355 ± 0.105 χ^2/NDF : 309.5/3

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 0.099 ± 0.119 χ^2/NDF : 463.8/2

Left: 0.244 ± 0.079 χ^2/NDF : 775.9/6

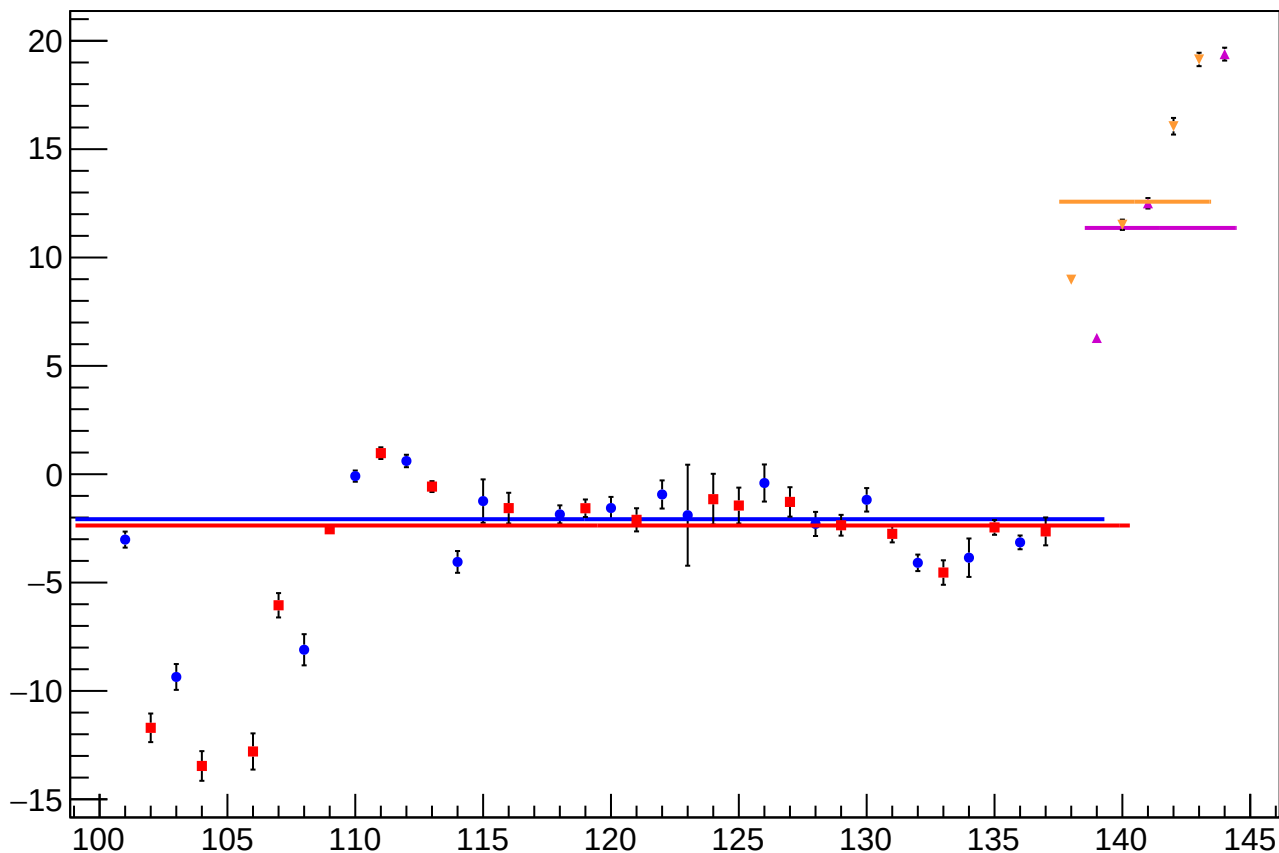
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.123 ± 0.054 χ^2/NDF : 1186.2/19

Out: 0.887 ± 0.051 χ^2/NDF : 1262.9/21

All: 0.997 ± 0.037 χ^2/NDF : 2459.2/41

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 $\chi^2/\text{NDF}: 442.3/16$

Left Out: 12.576 ± 0.135 $\chi^2/\text{NDF}: 815.7/3$

Right Out: -2.366 ± 0.099 $\chi^2/\text{NDF}: 893.2/17$

Left In: 11.365 ± 0.141 $\chi^2/\text{NDF}: 1305.5/2$

Left: 12.001 ± 0.098 $\chi^2/\text{NDF}: 2159.6/6$

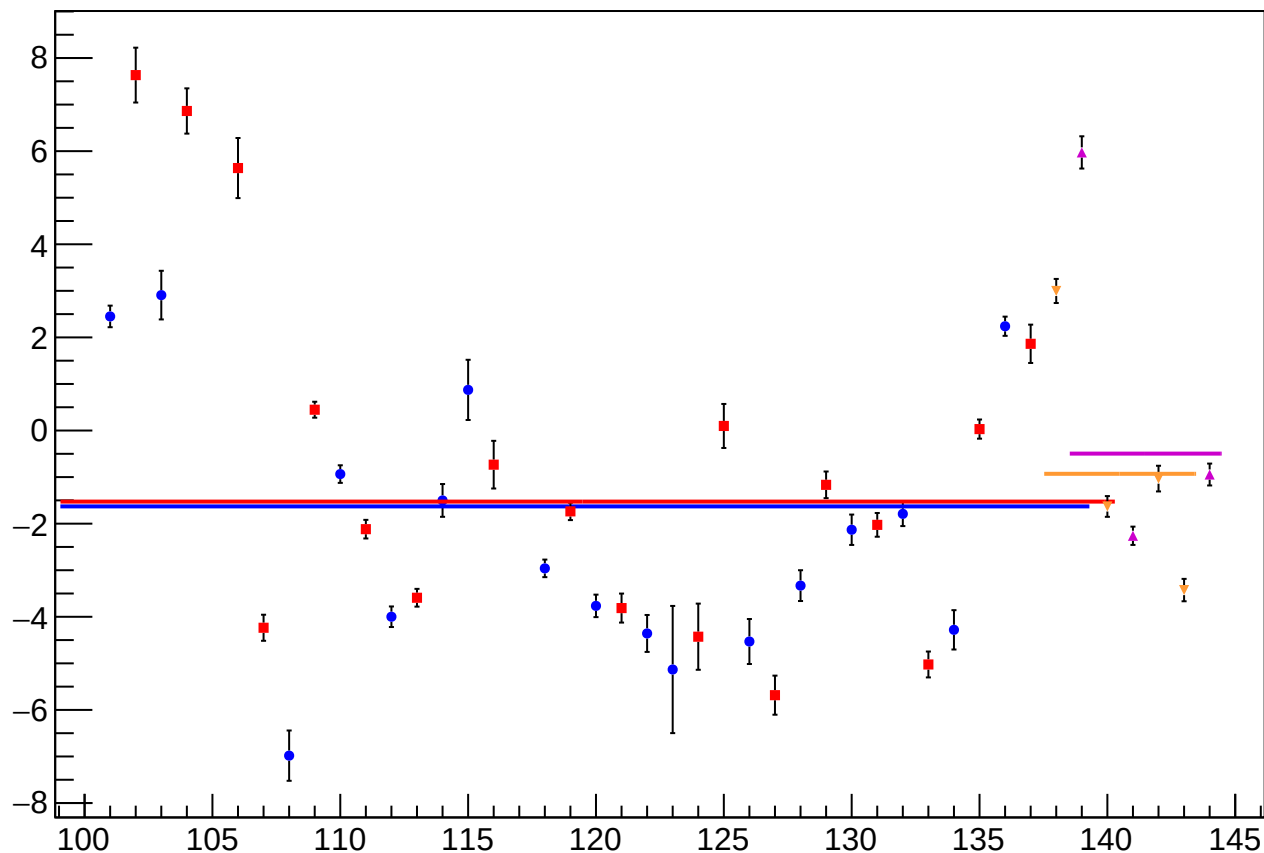
Right: -2.237 ± 0.074 $\chi^2/\text{NDF}: 1339.4/34$

In: 3.005 ± 0.087 $\chi^2/\text{NDF}: 7361.5/19$

Out: 2.861 ± 0.080 $\chi^2/\text{NDF}: 9719.5/21$

All: 2.926 ± 0.059 $\chi^2/\text{NDF}: 17082.5/41$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -0.930 ± 0.123 $\chi^2/\text{NDF}: 348.5/3$

Right Out: -1.526 ± 0.065 $\chi^2/\text{NDF}: 1488.2/17$

Left In: -0.496 ± 0.138 $\chi^2/\text{NDF}: 433.2/2$

Left: -0.737 ± 0.092 $\chi^2/\text{NDF}: 787.1/6$

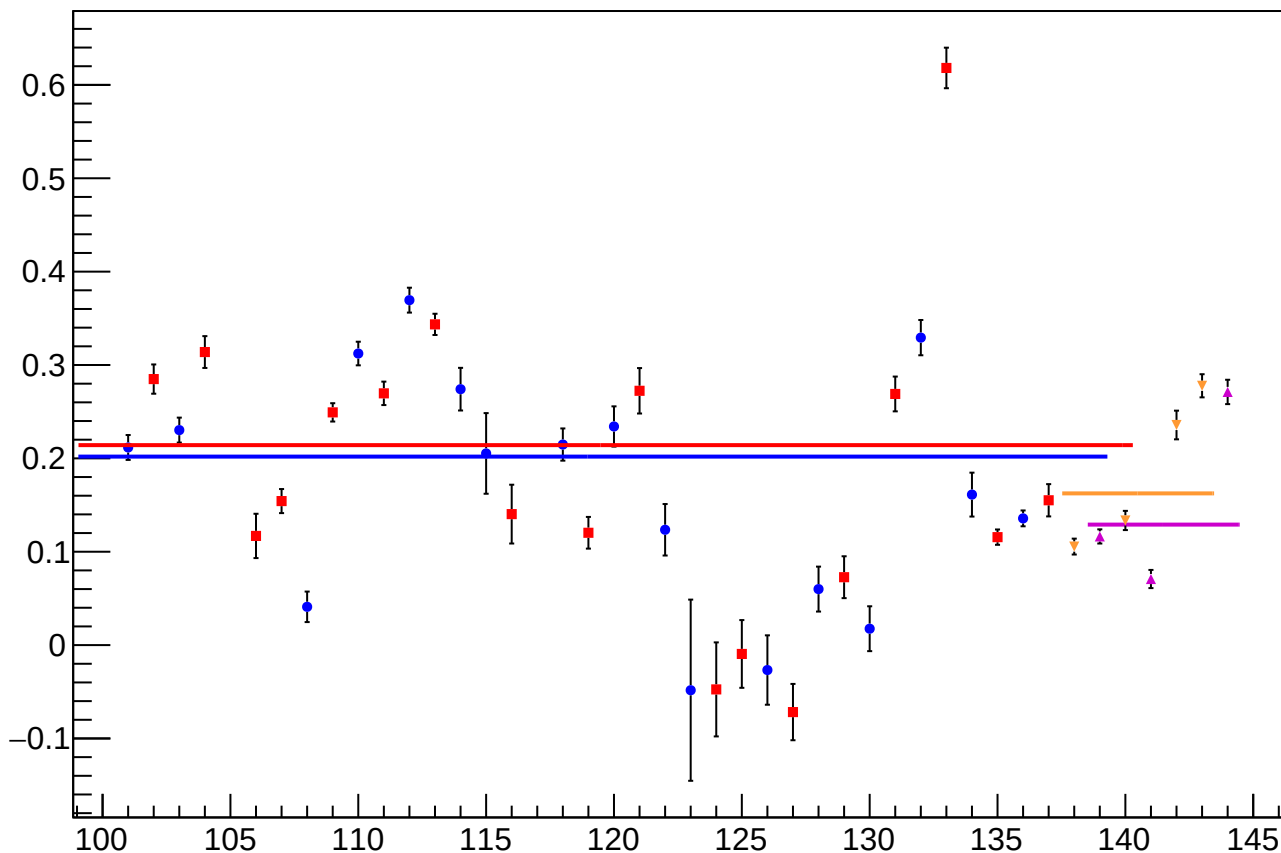
Right: -1.574 ± 0.048 $\chi^2/\text{NDF}: 2755.7/34$

In: -1.397 ± 0.063 $\chi^2/\text{NDF}: 1753.1/19$

Out: -1.395 ± 0.058 $\chi^2/\text{NDF}: 1854.9/21$

All: -1.396 ± 0.042 $\chi^2/\text{NDF}: 3607.9/41$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.162 $\pm$ 0.005 χ^2 /NDF:162.0/3

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF:157.3/2

Left: 0.146 $\pm$ 0.004 χ^2 /NDF: 338.3/6

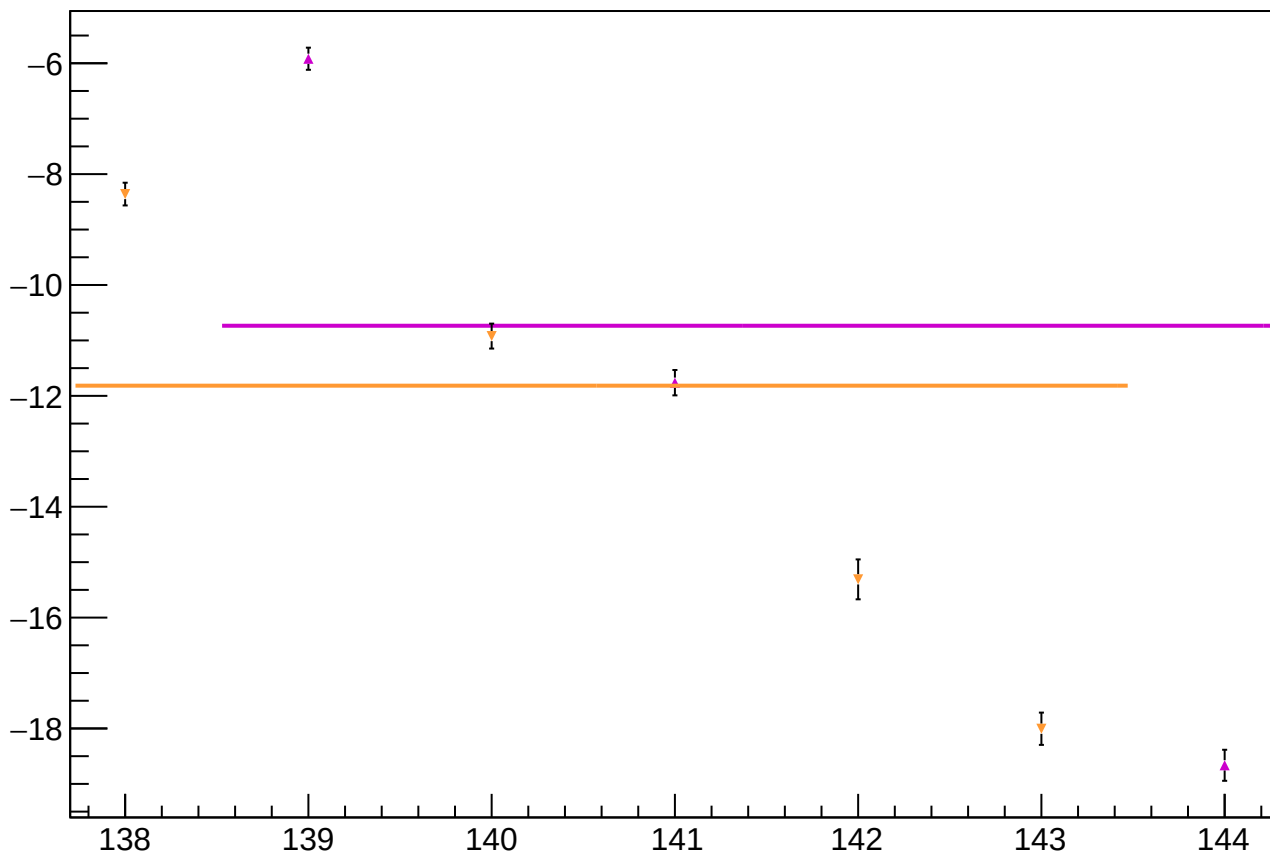
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.175 $\pm$ 0.003 χ^2 /NDF:875.9/19

Out: 0.198 $\pm$ 0.003 χ^2 /NDF:1225.7/21

All: 0.187 $\pm$ 0.002 χ^2 /NDF: 2126.7/41

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: -11.816+/-0.126 χ^2/NDF :846.0/3

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: -11.303+/-0.091 χ^2/NDF : 2286.0/6

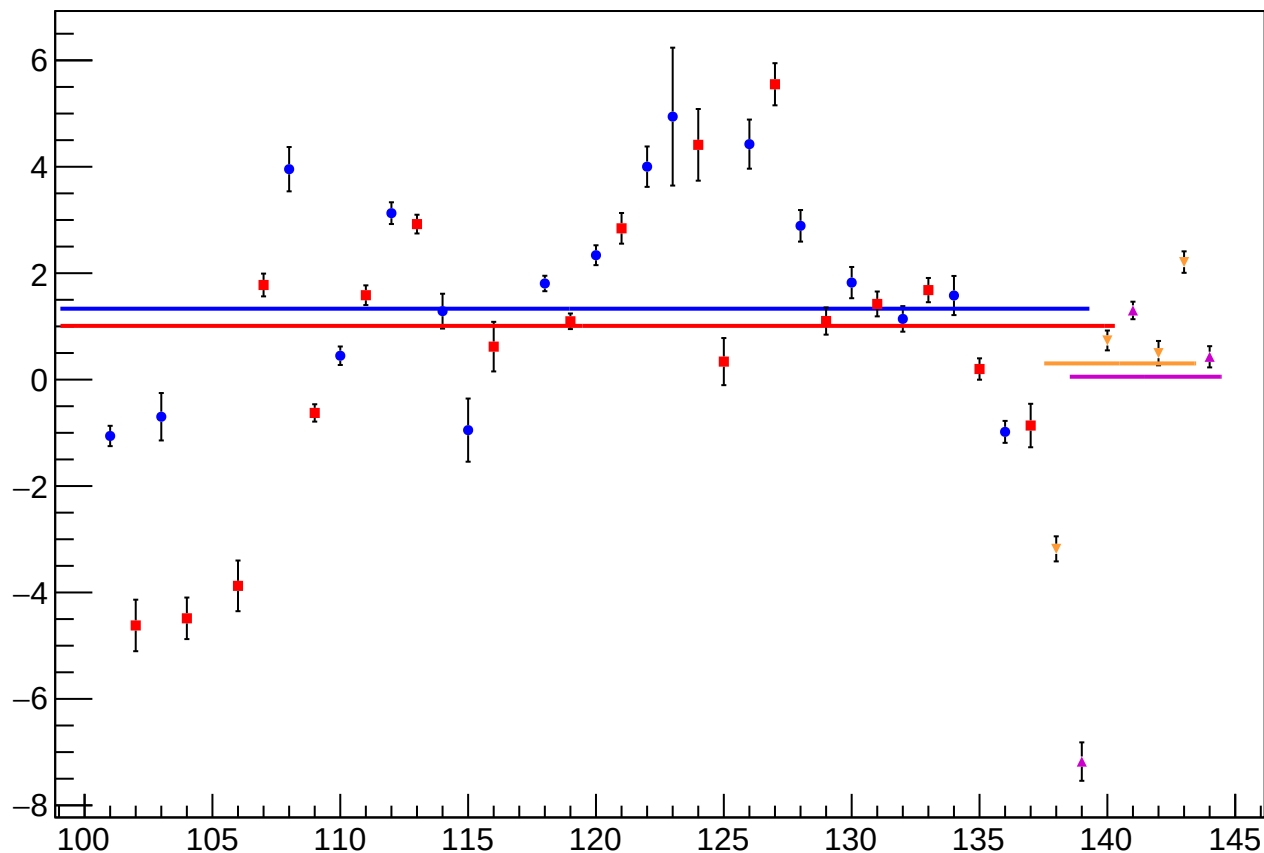
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.735+/-0.132 χ^2/NDF :1405.0/2

Out: -11.816+/-0.126 χ^2/NDF :846.0/3

All: -11.303+/-0.091 χ^2/NDF : 2286.0/6

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: 0.304 ± 0.105 χ^2/NDF : 313.9/3

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: 0.195 ± 0.079 χ^2/NDF : 778.3/6

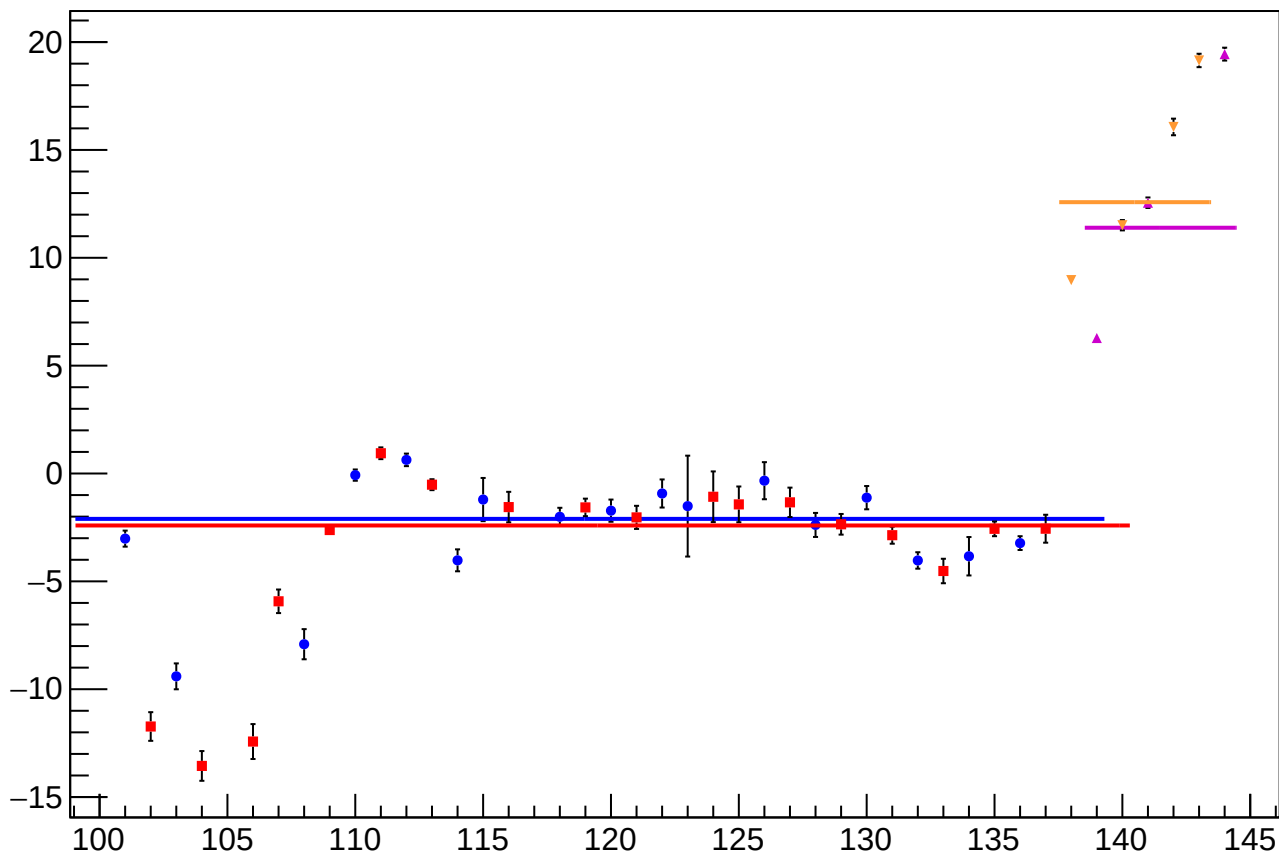
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.068 ± 0.054 χ^2/NDF : 1187.0/19

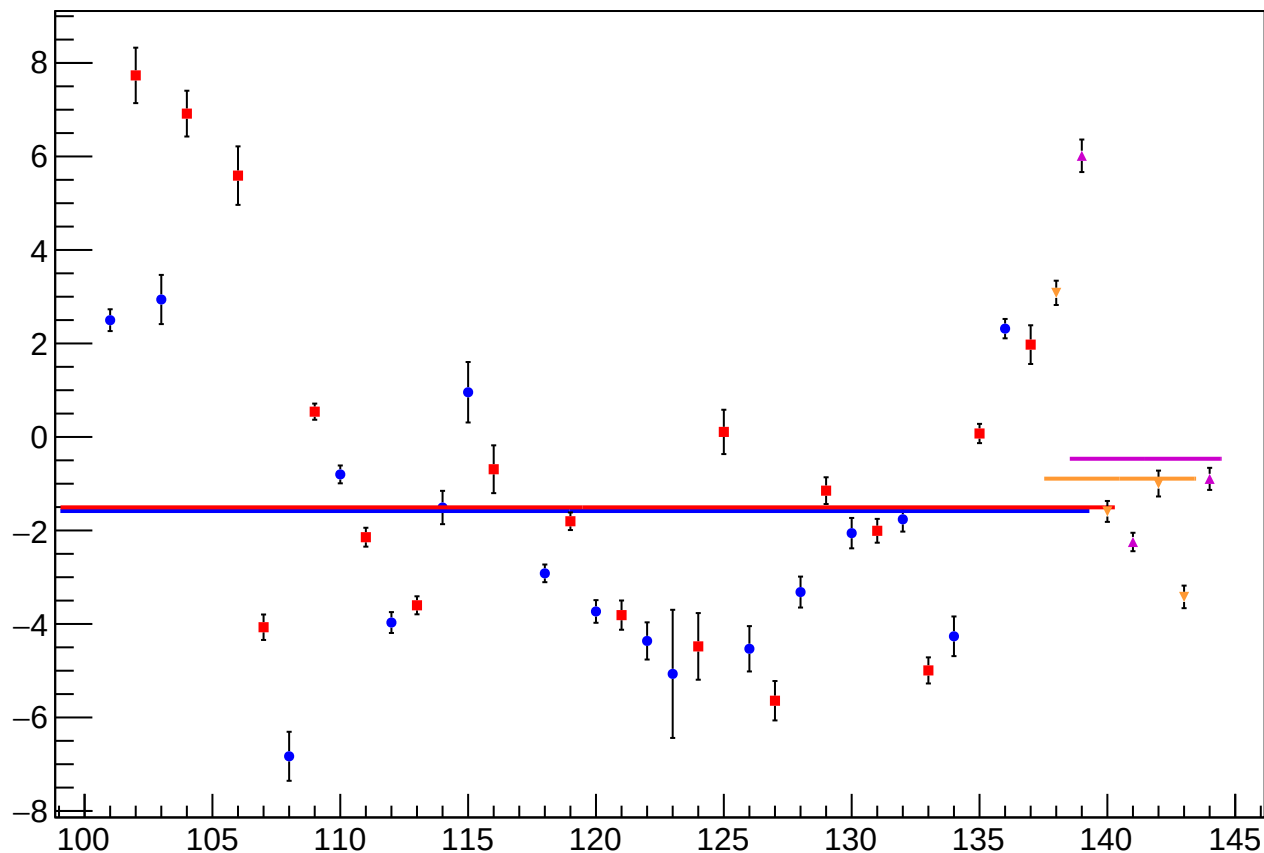
Out: 0.845 ± 0.051 χ^2/NDF : 1278.7/21

All: 0.949 ± 0.037 χ^2/NDF : 2474.6/41

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -0.892 ± 0.124 χ^2/NDF : 353.7/3

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: -0.703 ± 0.092 χ^2/NDF : 790.8/6

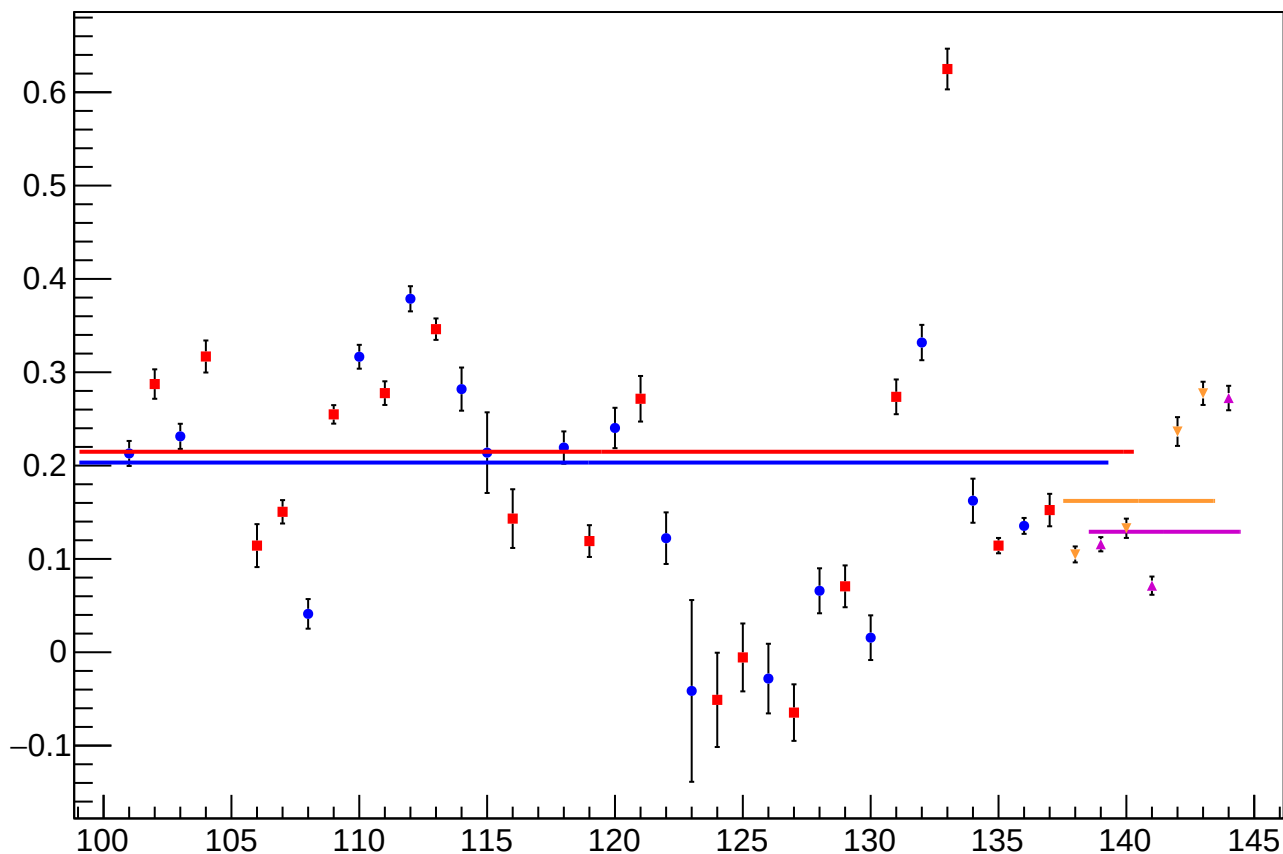
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.355 ± 0.063 χ^2/NDF : 1755.6/19

Out: -1.371 ± 0.058 χ^2/NDF : 1872.7/21

All: -1.364 ± 0.043 χ^2/NDF : 3628.3/41

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.162 $\pm$ 0.005 χ^2 /NDF:162.1/3

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF:157.6/2

Left: 0.146 $\pm$ 0.004 χ^2 /NDF: 338.1/6

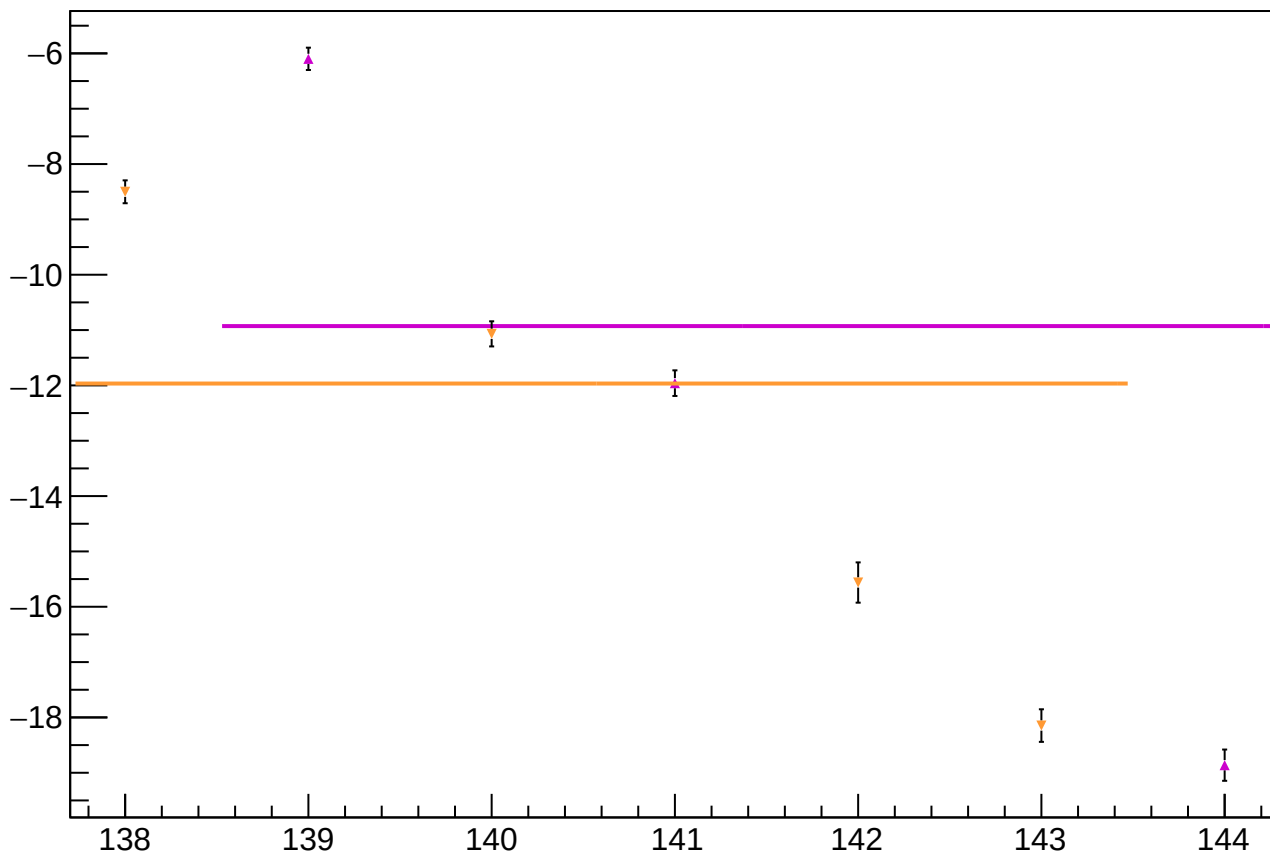
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.176 $\pm$ 0.003 χ^2 /NDF:907.5/19

Out: 0.198 $\pm$ 0.003 χ^2 /NDF:1259.1/21

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 2190.4/41

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: -11.966+/-0.127 χ^2/NDF :834.8/3

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: -11.474+/-0.092 χ^2/NDF : 2249.5/6

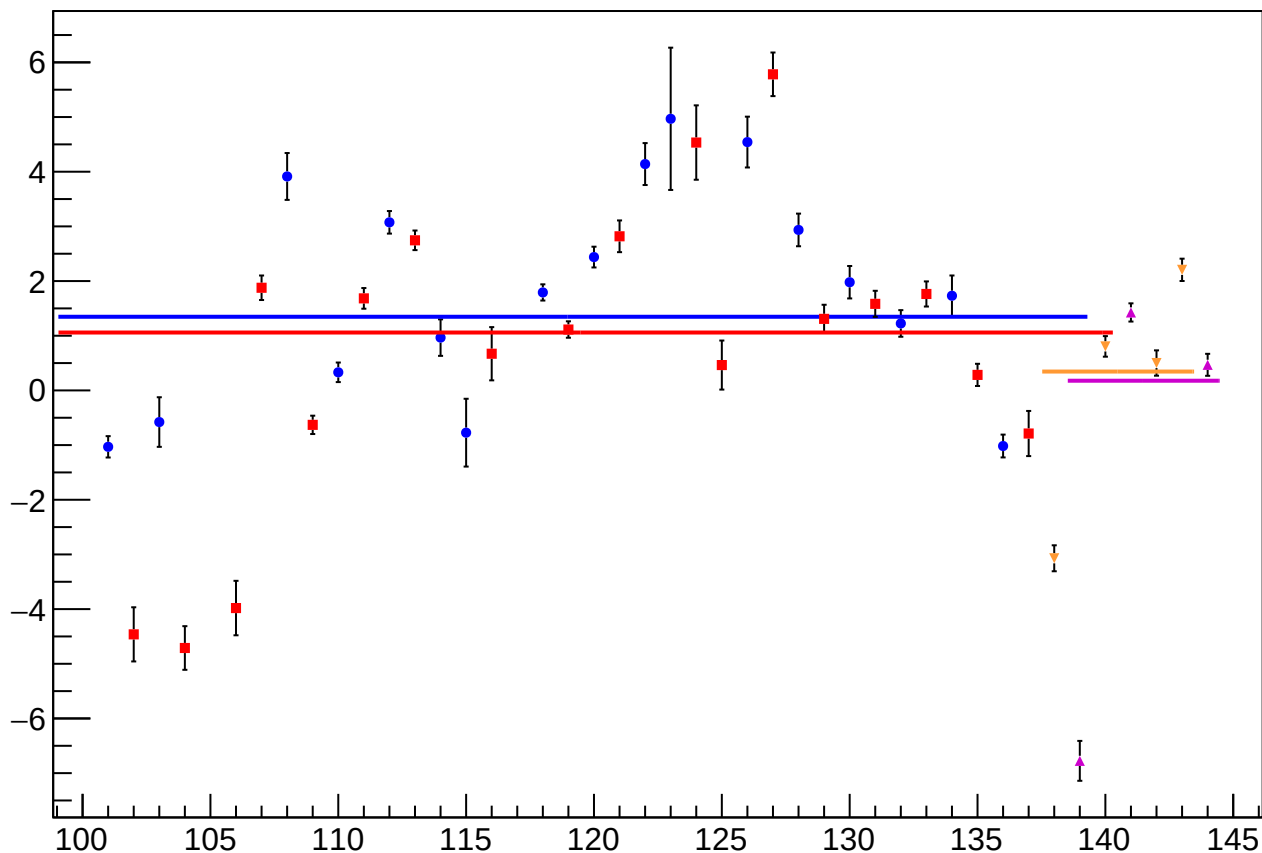
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.928+/-0.134 χ^2/NDF :1383.1/2

Out: -11.966+/-0.127 χ^2/NDF :834.8/3

All: -11.474+/-0.092 χ^2/NDF : 2249.5/6

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.345 ± 0.106 χ^2/NDF : 296.3/3

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.177 ± 0.121 χ^2/NDF : 421.5/2

Left: 0.272 ± 0.080 χ^2/NDF : 718.9/6

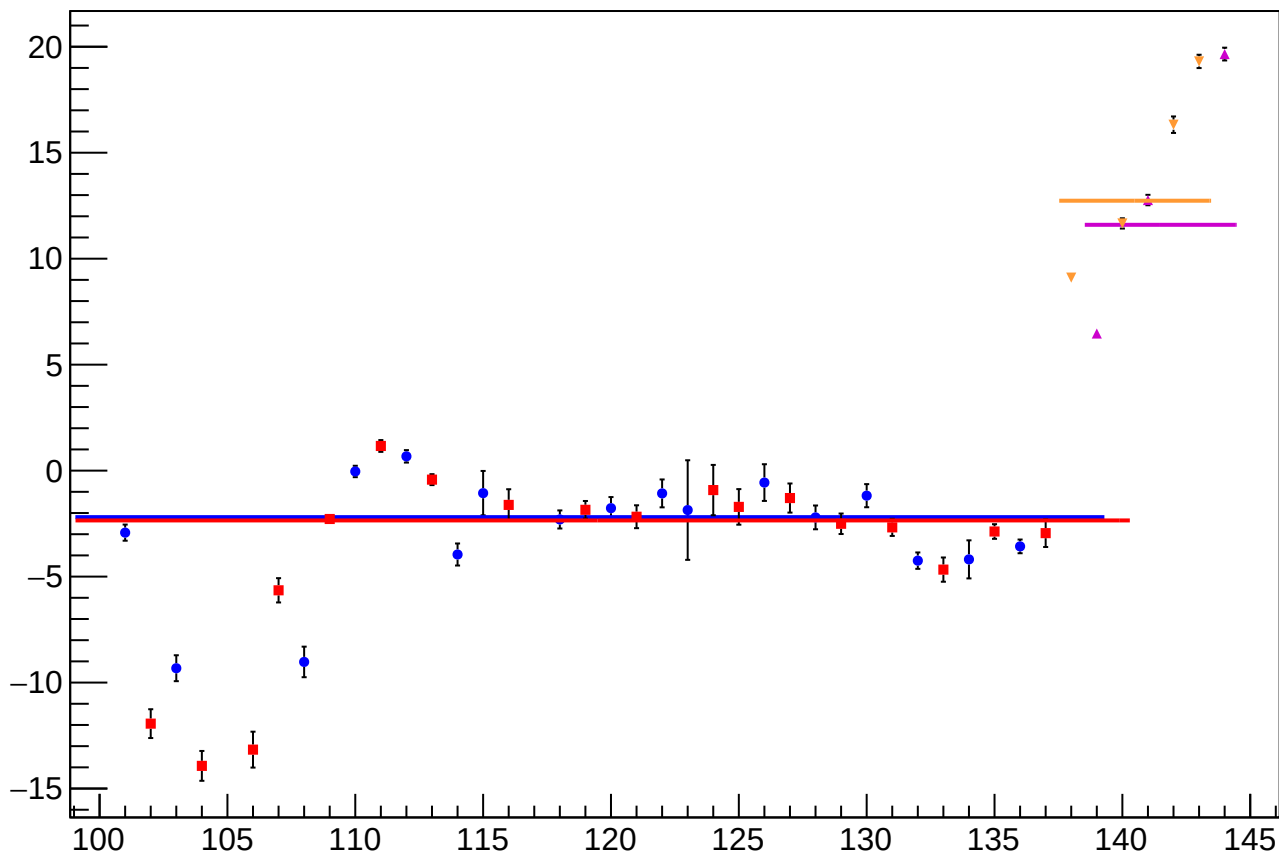
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.102 ± 0.055 χ^2/NDF : 1125.5/19

Out: 0.889 ± 0.052 χ^2/NDF : 1236.0/21

All: 0.988 ± 0.038 χ^2/NDF : 2369.4/41

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: 12.735 ± 0.137 χ^2/NDF : 803.3/3

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: 12.195 ± 0.099 χ^2/NDF : 2124.3/6

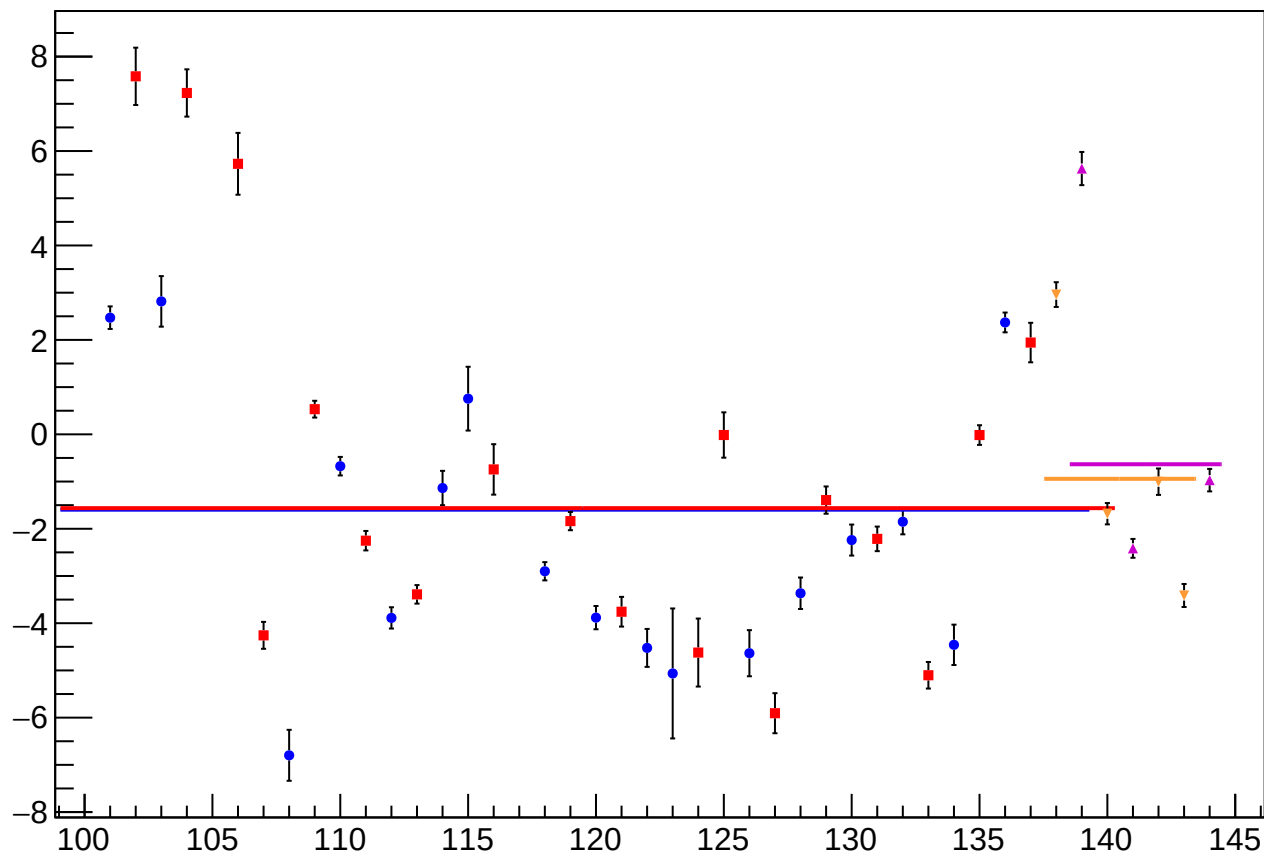
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34

In: 3.071 ± 0.089 χ^2/NDF : 7454.0/19

Out: 3.009 ± 0.081 χ^2/NDF : 9583.4/21

All: 3.037 ± 0.060 χ^2/NDF : 17037.7/41

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -0.942 ± 0.125 χ^2/NDF : 335.1/3

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -0.633 ± 0.140 χ^2/NDF : 399.1/2

Left: -0.805 ± 0.093 χ^2/NDF : 736.9/6

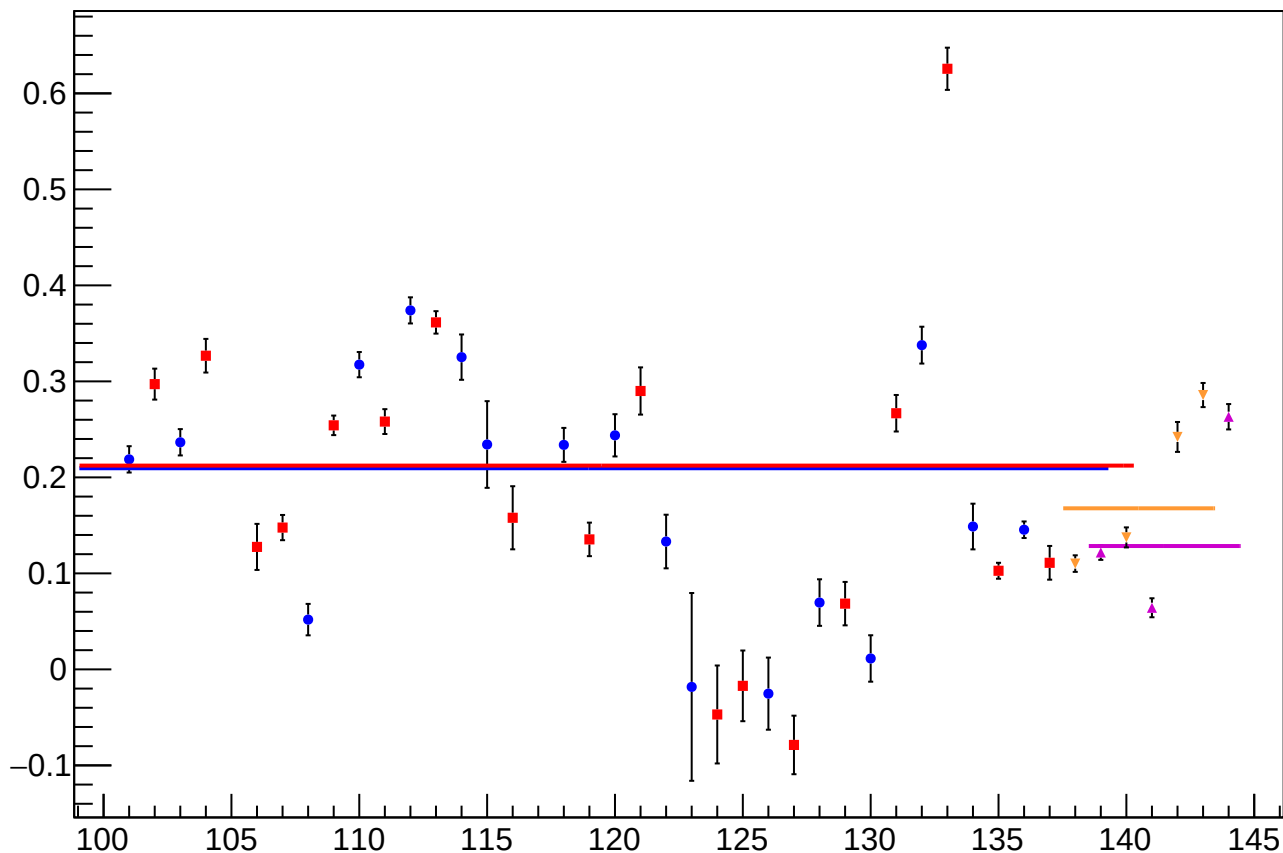
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.396 ± 0.064 χ^2/NDF : 1691.8/19

Out: -1.425 ± 0.059 χ^2/NDF : 1816.1/21

All: -1.412 ± 0.043 χ^2/NDF : 3508.0/41

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: 0.168 ± 0.005 χ^2/NDF : 163.8/3

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: 0.148 ± 0.004 χ^2/NDF : 336.1/6

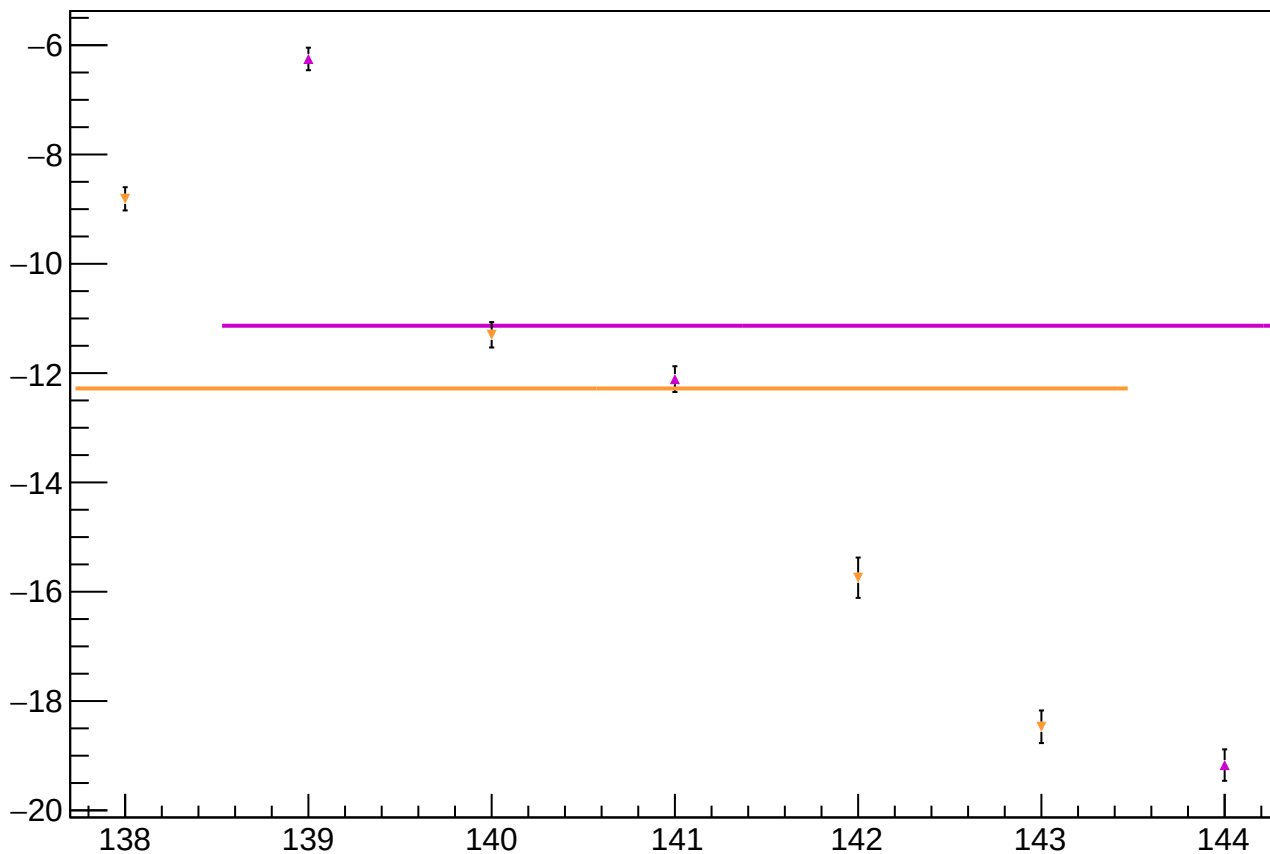
Right: 0.211 ± 0.003 χ^2/NDF : 1694.9/34

In: 0.180 ± 0.003 χ^2/NDF : 880.8/19

Out: 0.198 ± 0.003 χ^2/NDF : 1305.2/21

All: 0.190 ± 0.002 χ^2/NDF : 2202.0/41

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: -12.281+/-0.130 χ^2/NDF :802.6/3

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: -11.736+/-0.094 χ^2/NDF : 2197.9/6

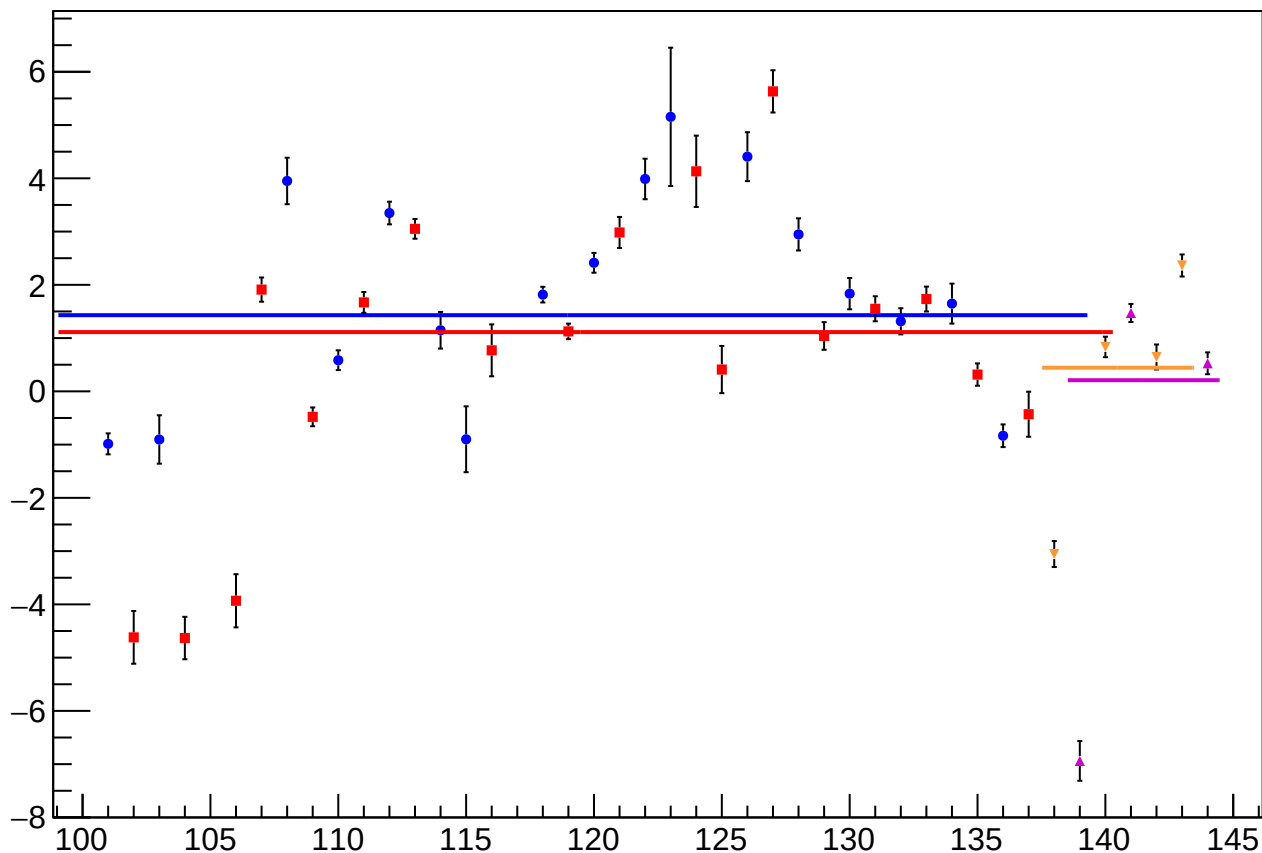
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.133+/-0.137 χ^2/NDF :1358.3/2

Out: -12.281+/-0.130 χ^2/NDF :802.6/3

All: -11.736+/-0.094 χ^2/NDF : 2197.9/6

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 0.444 ± 0.108 $\chi^2/\text{NDF}: 297.3/3$

Right Out: 1.113 ± 0.060 $\chi^2/\text{NDF}: 887.6/17$

Left In: 0.209 ± 0.123 $\chi^2/\text{NDF}: 425.2/2$

Left: 0.342 ± 0.081 $\chi^2/\text{NDF}: 724.6/6$

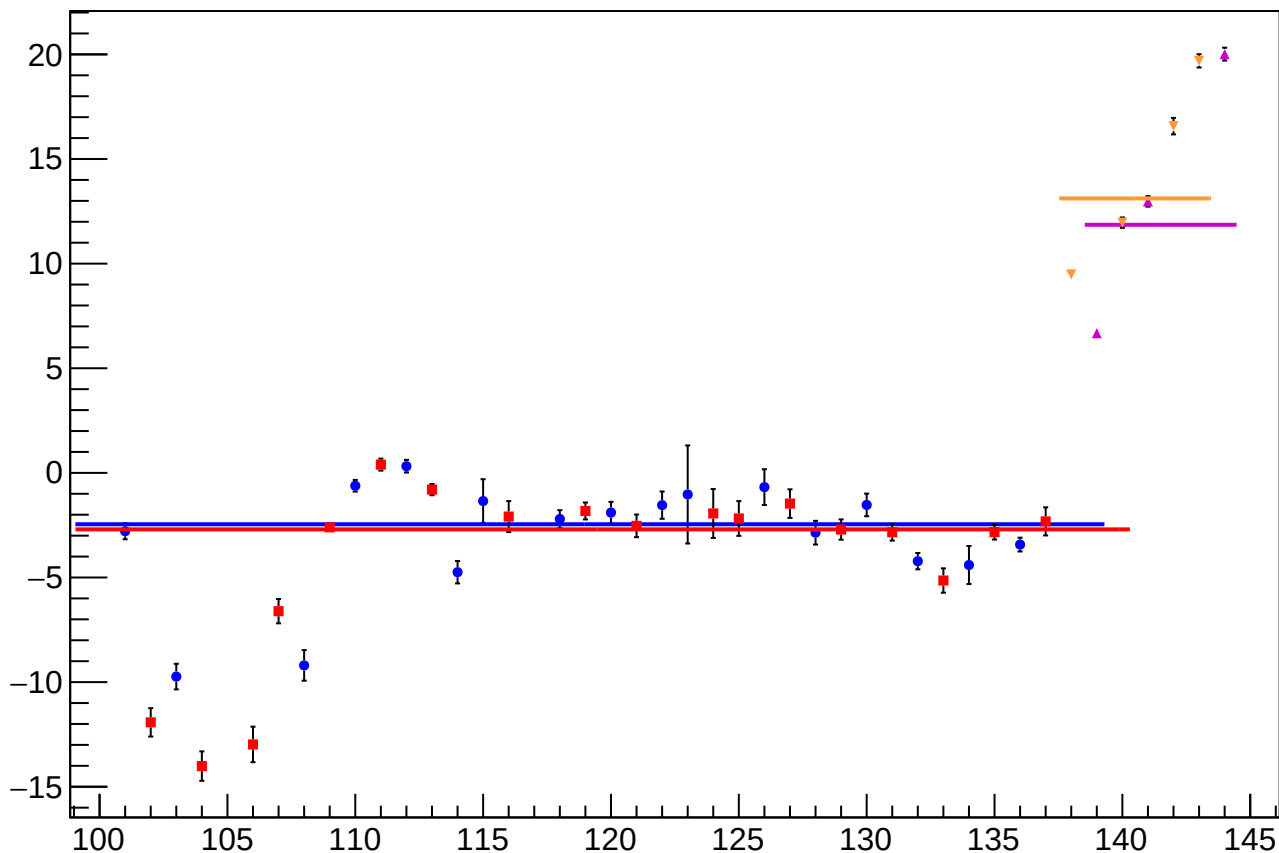
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.179 ± 0.056 $\chi^2/\text{NDF}: 1101.1/19$

Out: 0.955 ± 0.053 $\chi^2/\text{NDF}: 1214.1/21$

All: 1.060 ± 0.038 $\chi^2/\text{NDF}: 2323.7/41$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 $\pm$ 0.115 χ^2 /NDF: 419.1/16

Left Out: 13.116 $\pm$ 0.140 χ^2 /NDF: 772.1/3

Right Out: -2.700 $\pm$ 0.104 χ^2 /NDF: 829.7/17

Left In: 11.857 $\pm$ 0.147 χ^2 /NDF: 1263.4/2

Left: 12.518 $\pm$ 0.101 χ^2 /NDF: 2074.2/6

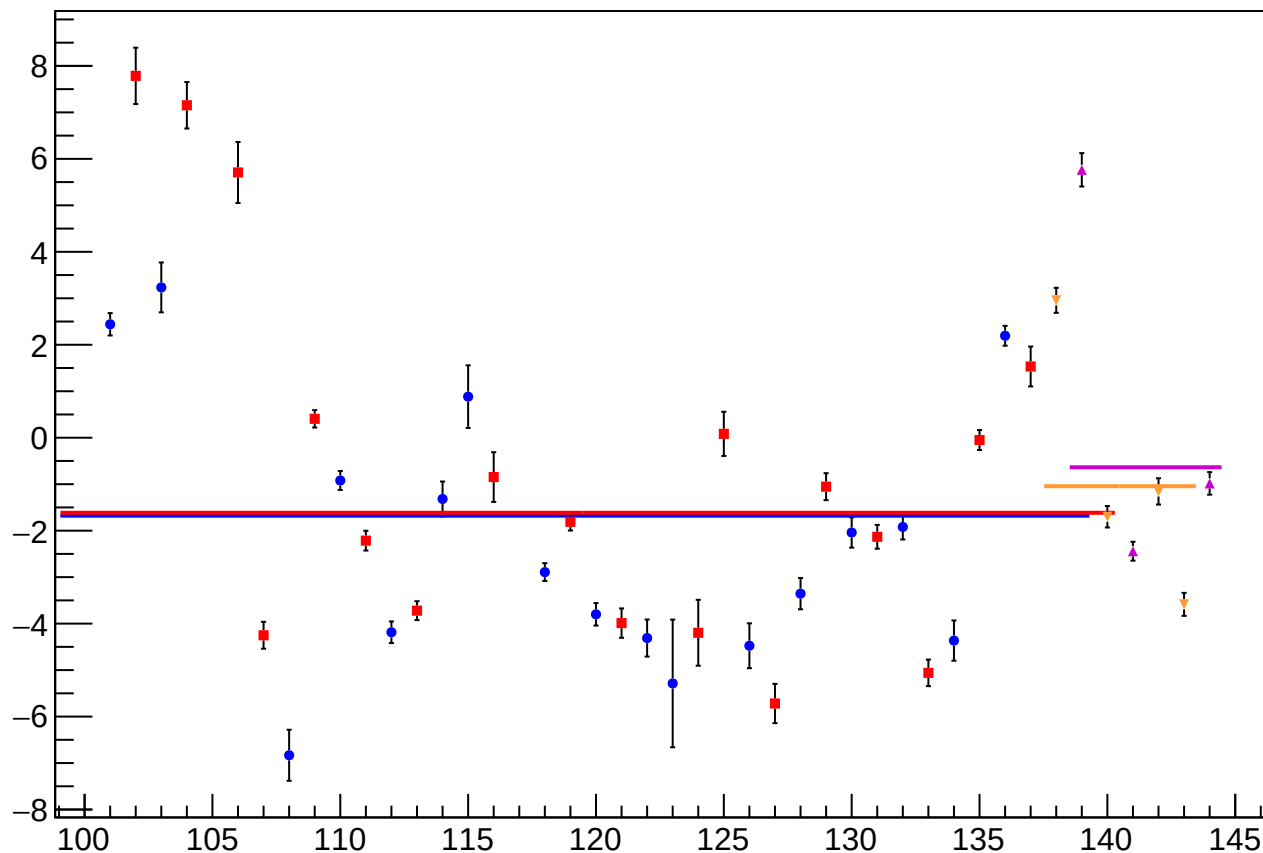
Right: -2.590 $\pm$ 0.077 χ^2 /NDF: 1251.4/34

In: 2.972 $\pm$ 0.090 χ^2 /NDF: 7602.6/19

Out: 2.919 $\pm$ 0.083 χ^2 /NDF: 9887.1/21

All: 2.943 $\pm$ 0.061 χ^2 /NDF: 17489.9/41

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -1.043 ± 0.128 $\chi^2/\text{NDF}: 335.1/3$

Right Out: -1.615 ± 0.068 $\chi^2/\text{NDF}: 1427.3/17$

Left In: -0.636 ± 0.143 $\chi^2/\text{NDF}: 398.3/2$

Left: -0.863 ± 0.095 $\chi^2/\text{NDF}: 737.9/6$

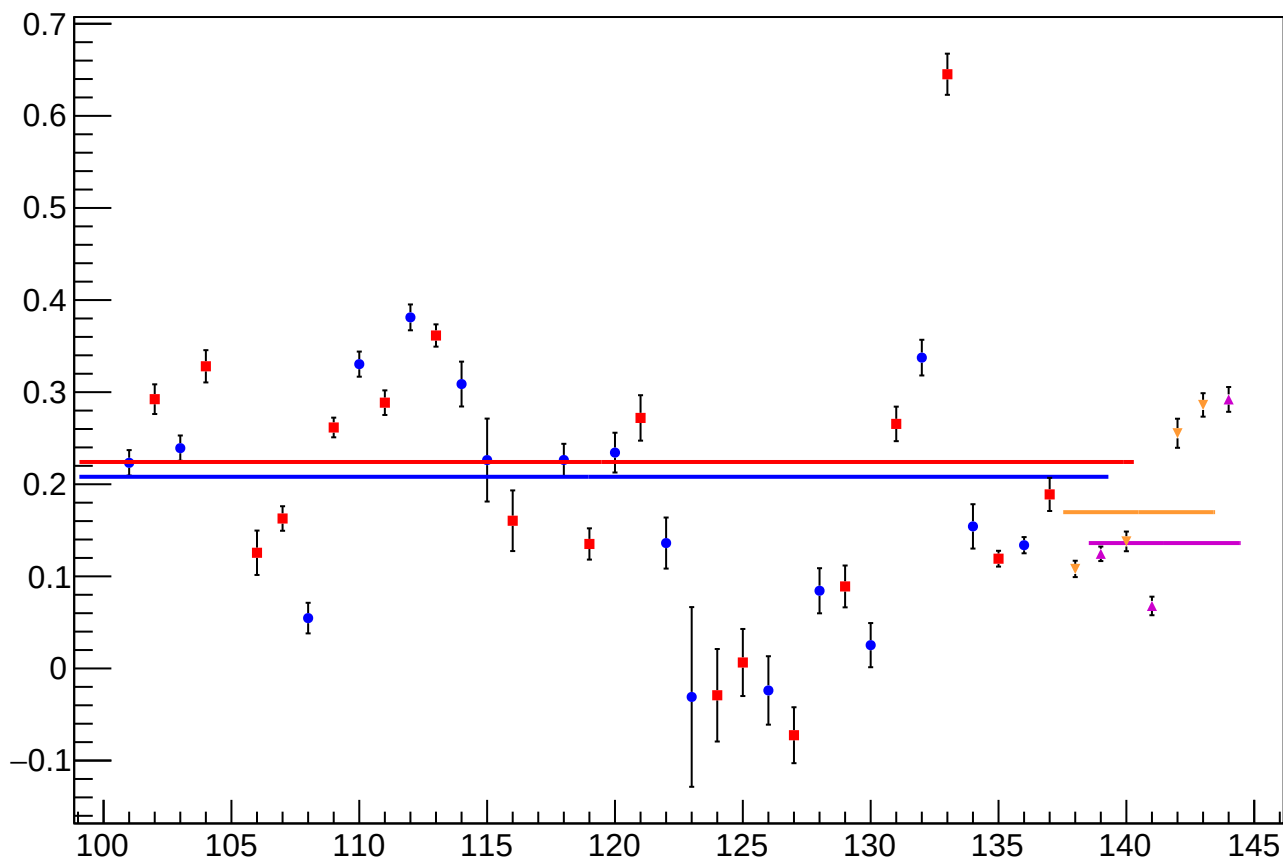
Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -1.464 ± 0.065 $\chi^2/\text{NDF}: 1645.2/19$

Out: -1.488 ± 0.060 $\chi^2/\text{NDF}: 1778.0/21$

All: -1.477 ± 0.044 $\chi^2/\text{NDF}: 3423.3/41$

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: 0.170 $\pm$ 0.006 χ^2 /NDF:169.9/3

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: 0.153 $\pm$ 0.004 χ^2 /NDF: 370.0/6

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: 0.207 $\pm$ 0.003 χ^2 /NDF:1229.5/21

All: 0.195 $\pm$ 0.002 χ^2 /NDF: 2144.4/41