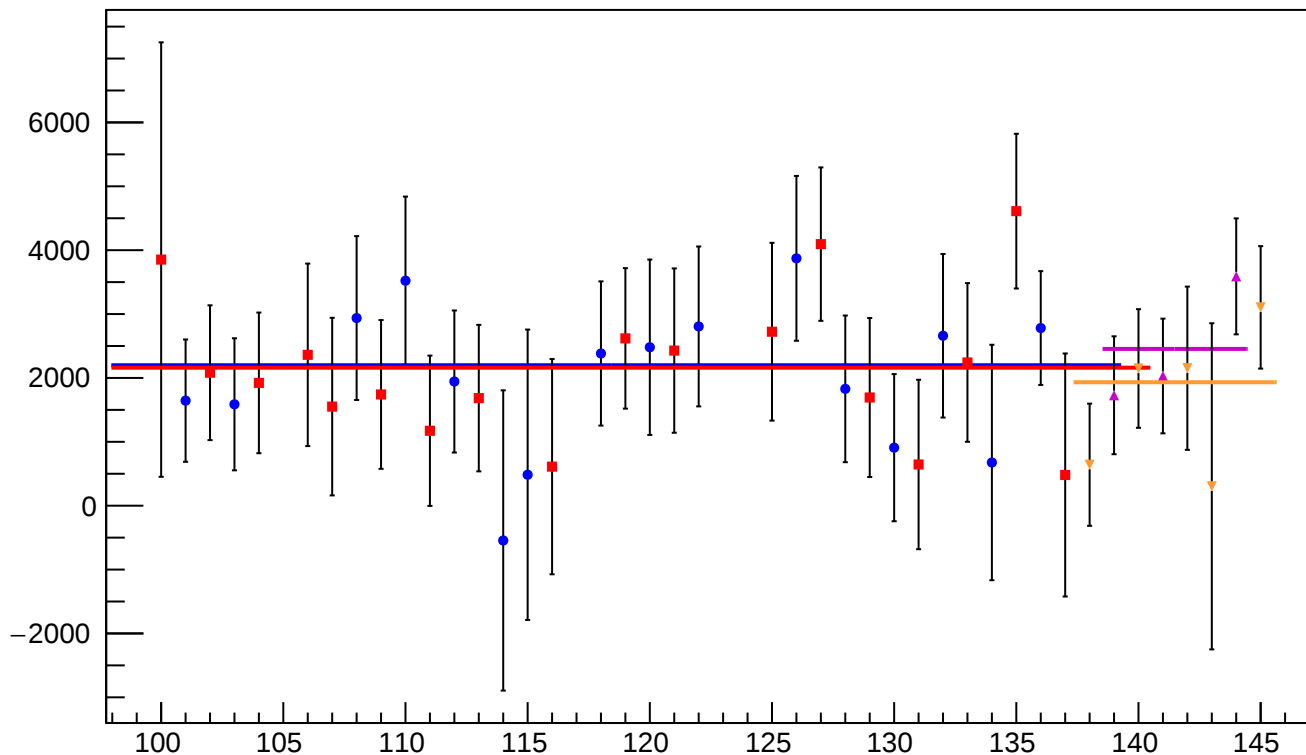


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1932.270+/-493.423

Right Out: 2160.742+/-303.587

Left In: 2454.558+/-524.947

χ^2/NDF : 8.6/15

χ^2/NDF : 3.8/4

χ^2/NDF : 11.7/17

χ^2/NDF : 2.4/2

Left: 2177.262+/-359.531

Right: 2179.612+/-215.784

In: 2263.966+/-264.858

Out: 2098.003+/-258.566

All: 2178.990+/-185.018

χ^2/NDF : 6.7/7

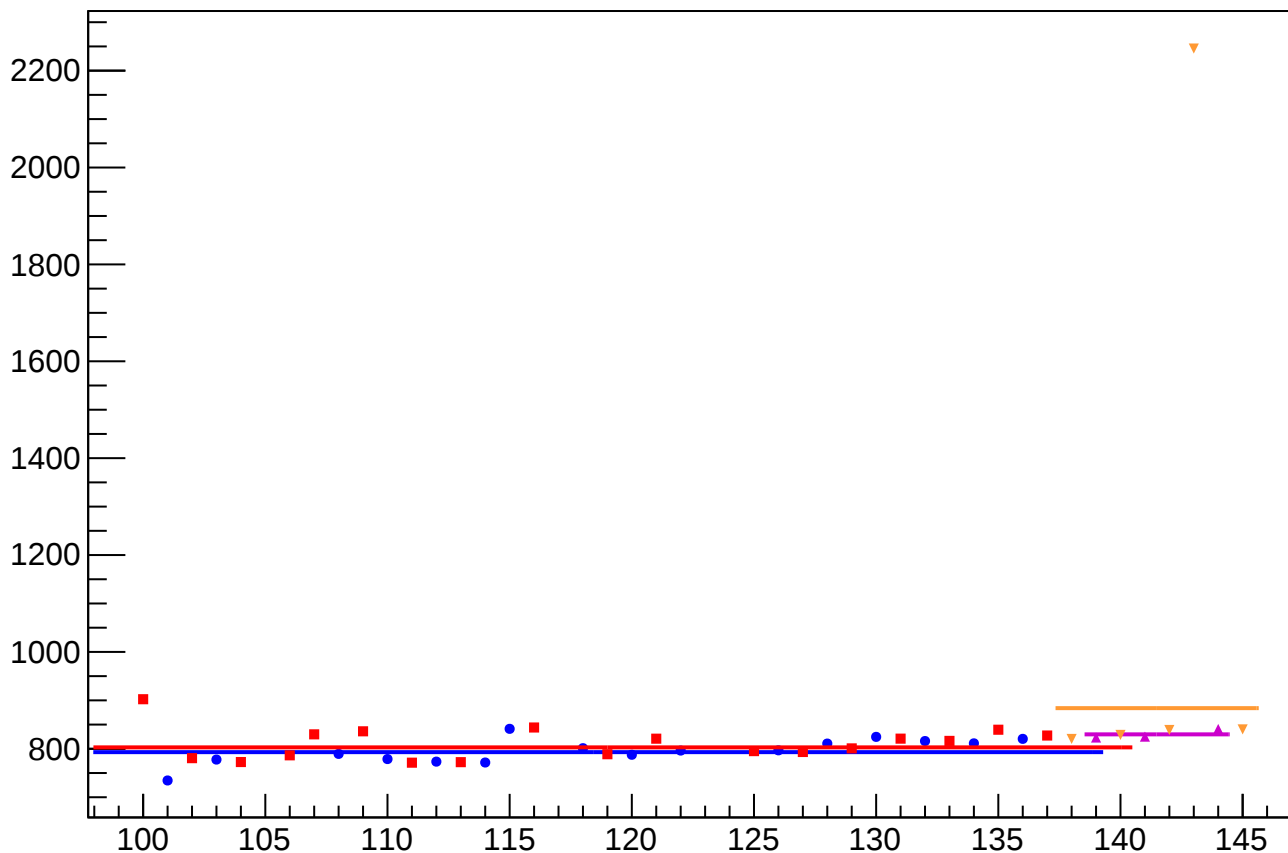
χ^2/NDF : 20.3/33

χ^2/NDF : 11.2/18

χ^2/NDF : 15.6/22

χ^2/NDF : 27.0/41

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

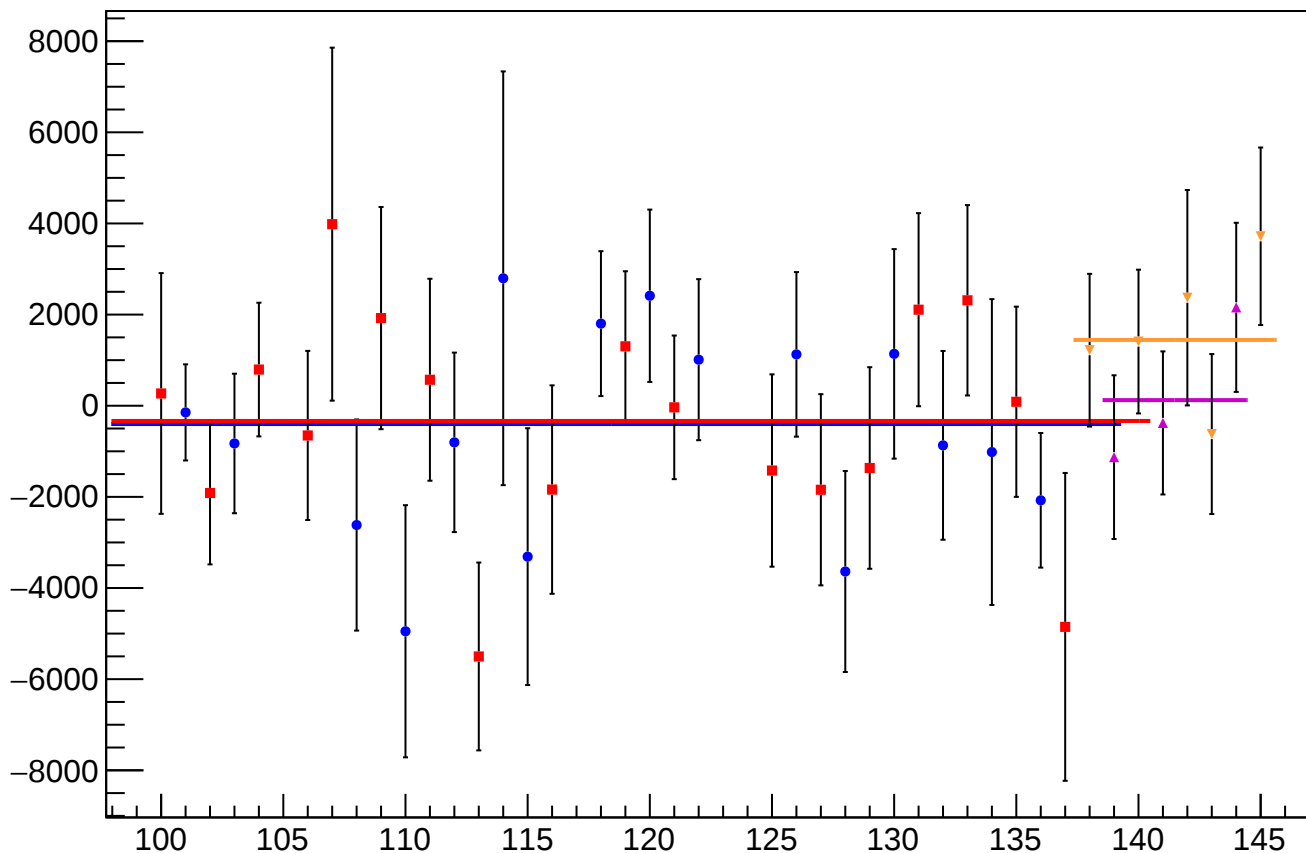
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

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

Out: 825.182+/-0.183 χ^2/NDF :645056.1/22

All: 814.084+/-0.131 χ^2/NDF : 675062.7/41

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

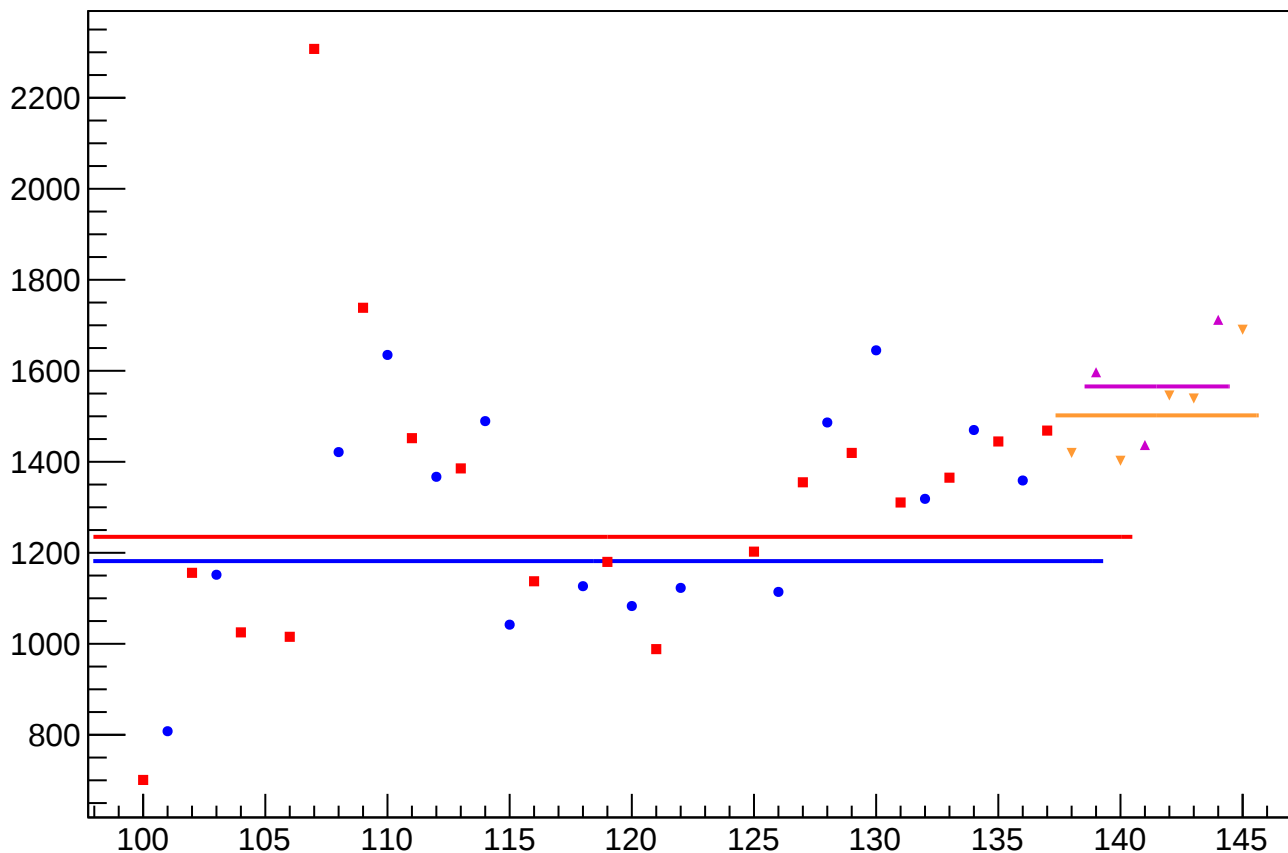
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

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

Out: 126.268 $\pm$ 411.922 χ^2 /NDF:24.0/22

All: -83.766 $\pm$ 295.499 χ^2 /NDF: 41.3/41

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1502.014+/-0.573 χ^2/NDF : 33109.9/4

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

Left In: 1565.601+/-0.705 χ^2/NDF : 26507.7/2

Left: 1527.284+/-0.444 χ^2/NDF : 64520.1/7

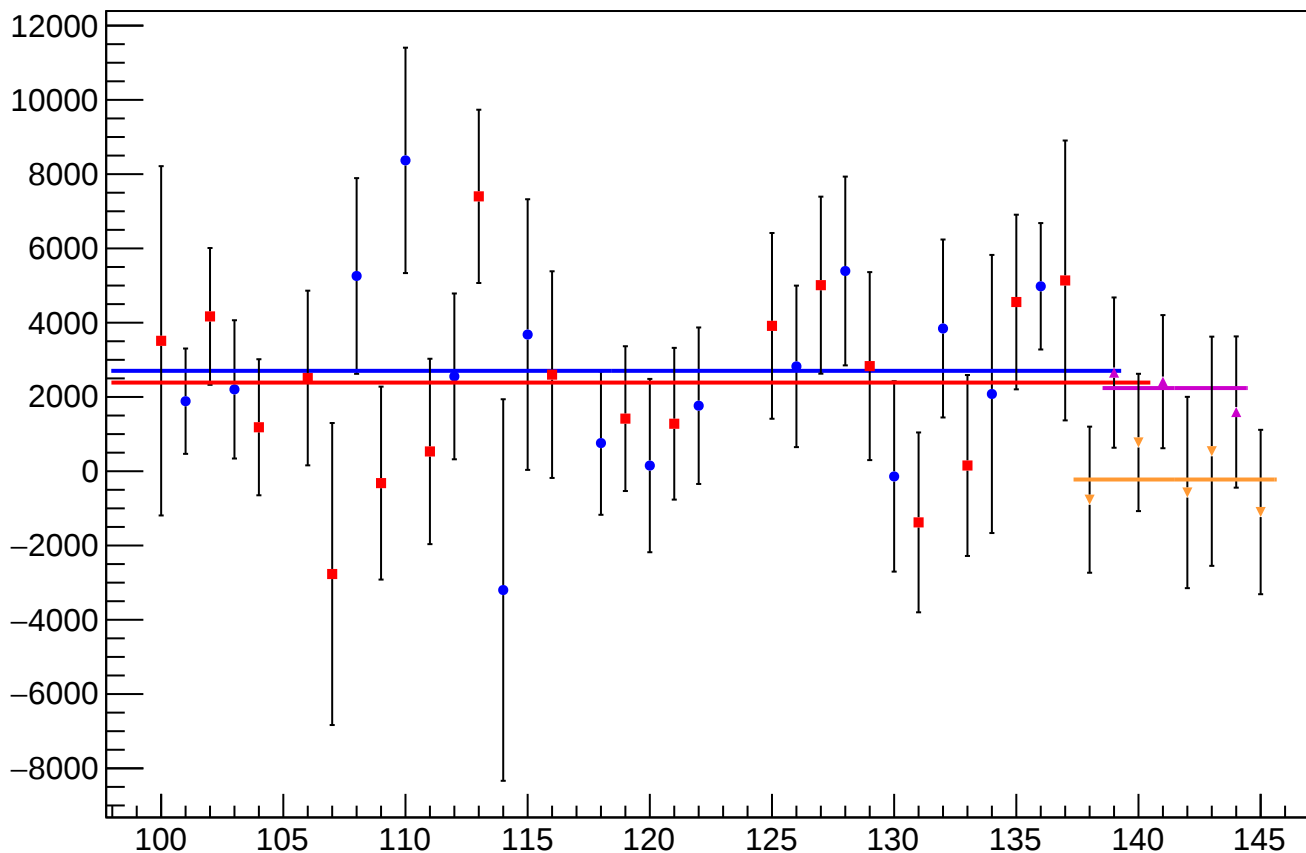
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1251.235+/-0.300 χ^2/NDF : 812788.7/18

Out: 1304.185+/-0.291 χ^2/NDF : 734468.7/22

All: 1278.484+/-0.209 χ^2/NDF : 1563297.8/41

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: -222.764+/-994.580 χ^2/NDF : 0.6/4

Right Out: 2387.341+/-569.264 χ^2/NDF : 16.1/17

Left In: 2239.398+/-1120.481 χ^2/NDF : 0.2/2

Left: 862.272+/-743.821 χ^2/NDF : 3.5/7

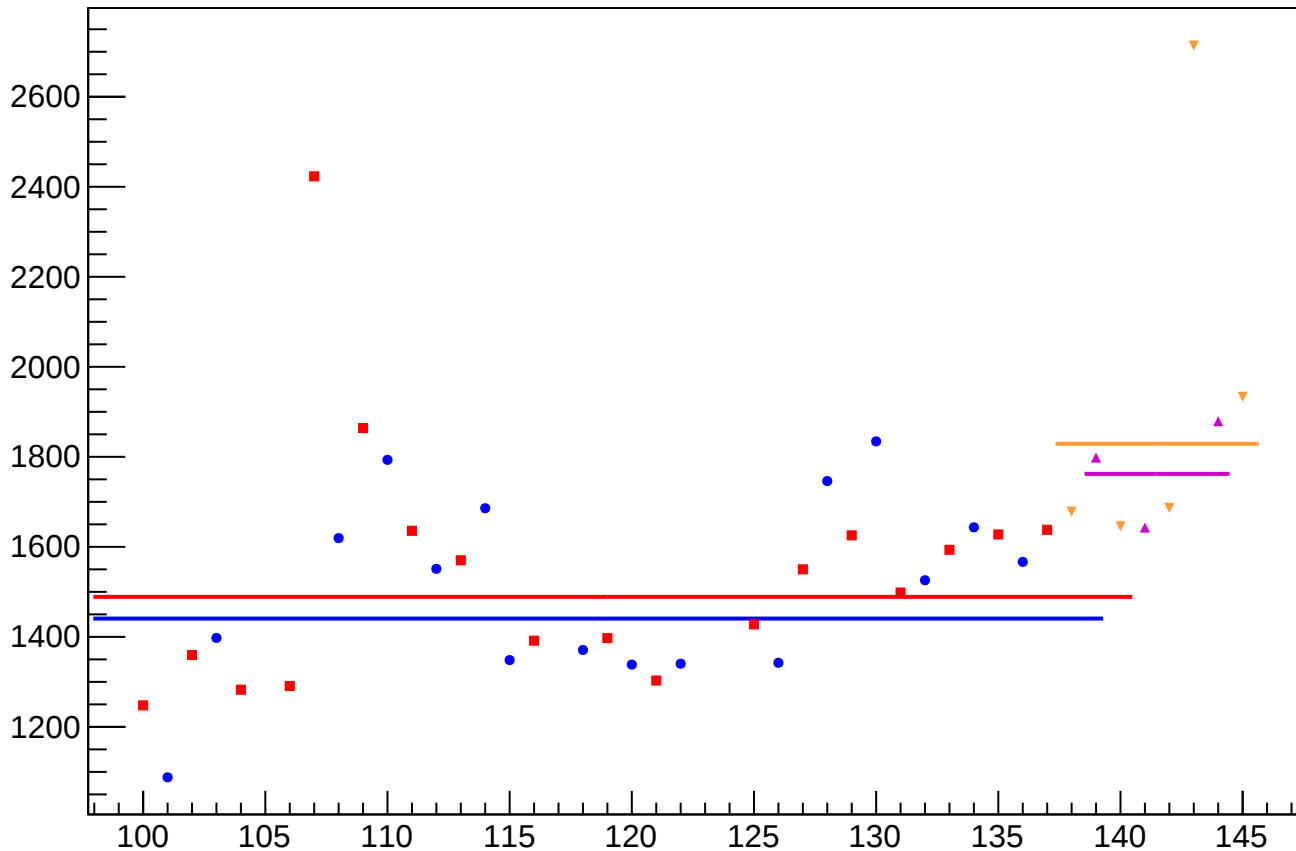
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

In: 2609.699+/-504.139 χ^2/NDF : 13.3/18

Out: 1743.263+/-494.060 χ^2/NDF : 21.9/22

All: 2167.734+/-352.863 χ^2/NDF : 36.7/41

asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

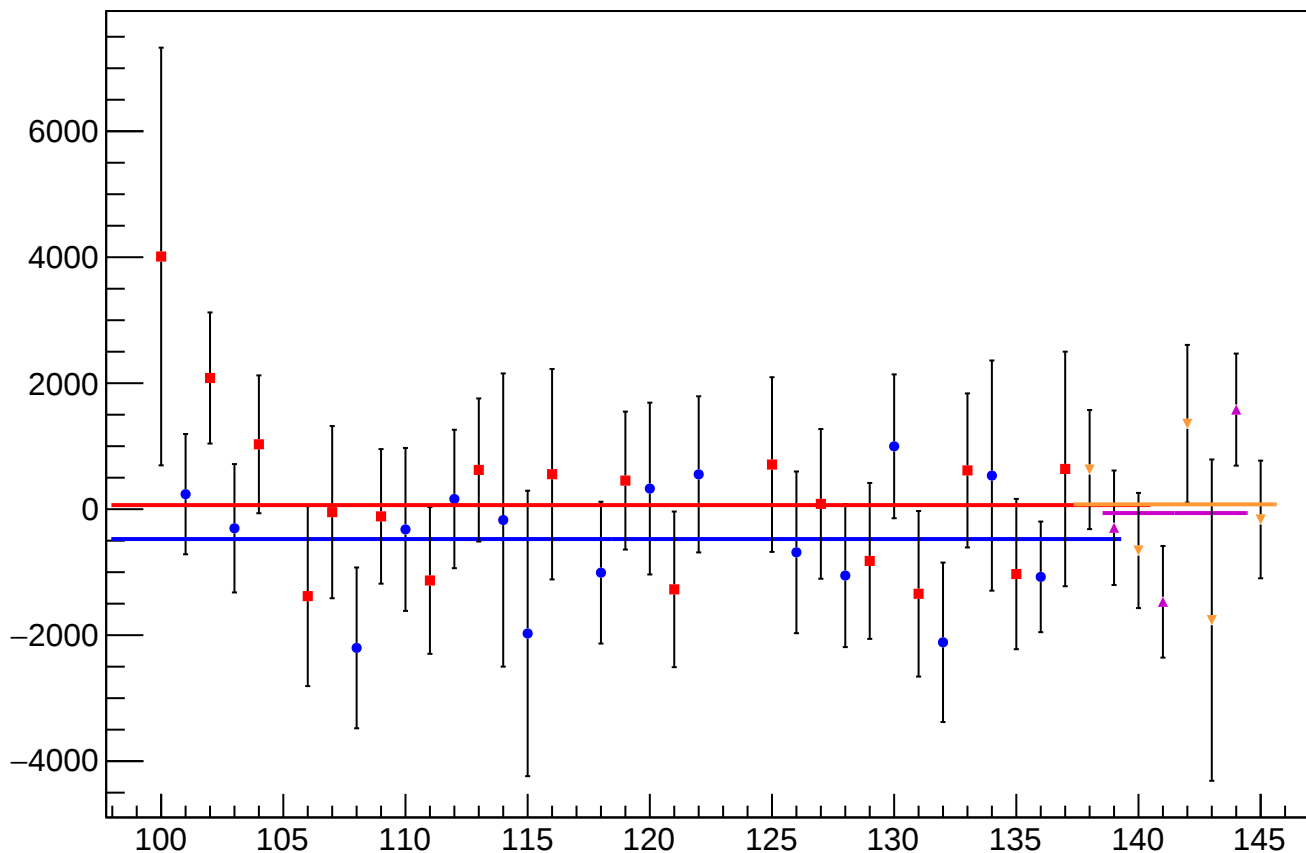
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

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

Out: 1572.869 $\pm$ 0.349 χ^2/NDF :639310.8/22

All: 1539.979 $\pm$ 0.250 χ^2/NDF : 1087073.5/41

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 64.684+/-298.395 χ^2/NDF : 12.7/17

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

Left: 11.852+/-353.529 χ^2/NDF : 8.7/7

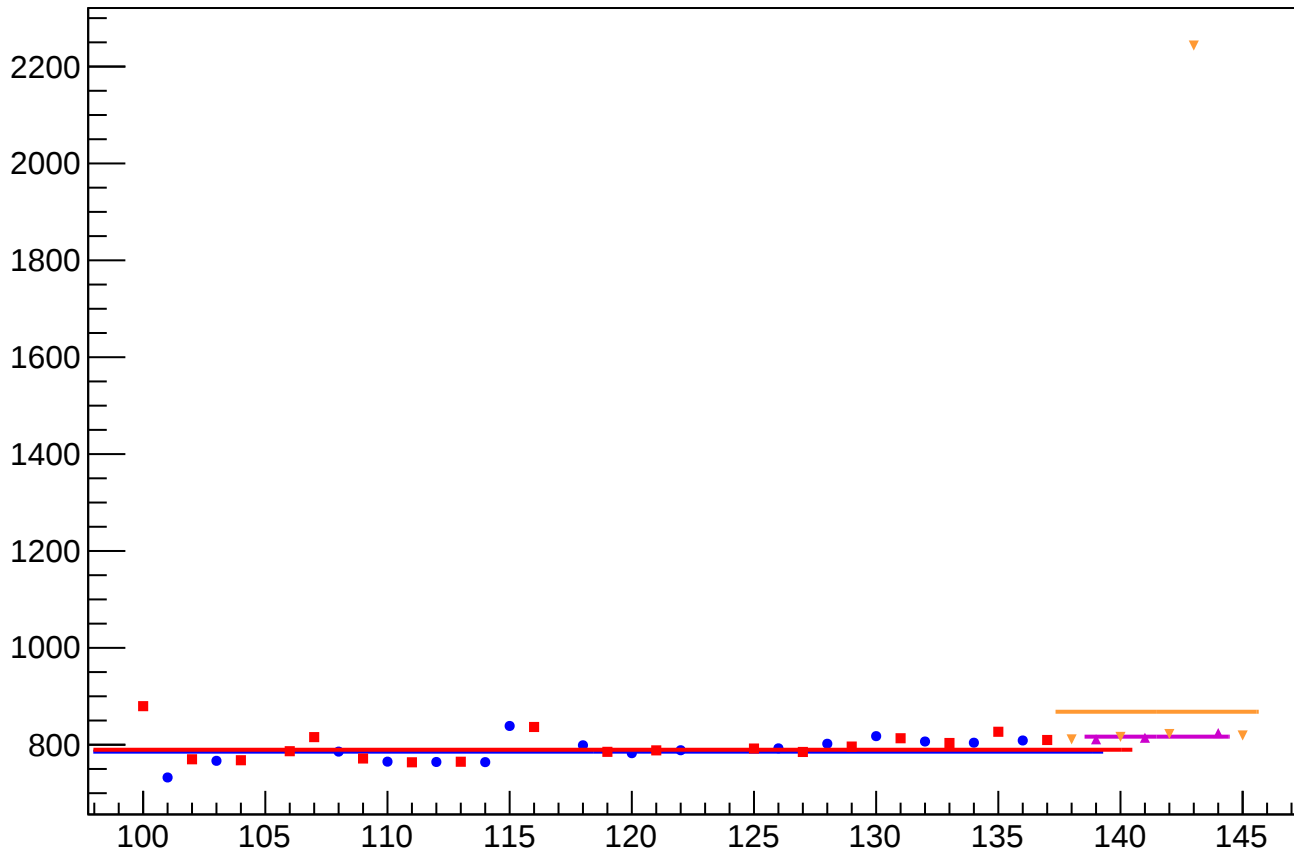
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

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

Out: 67.958+/-254.134 χ^2/NDF : 15.3/22

All: -143.454+/-182.395 χ^2/NDF : 32.1/41

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

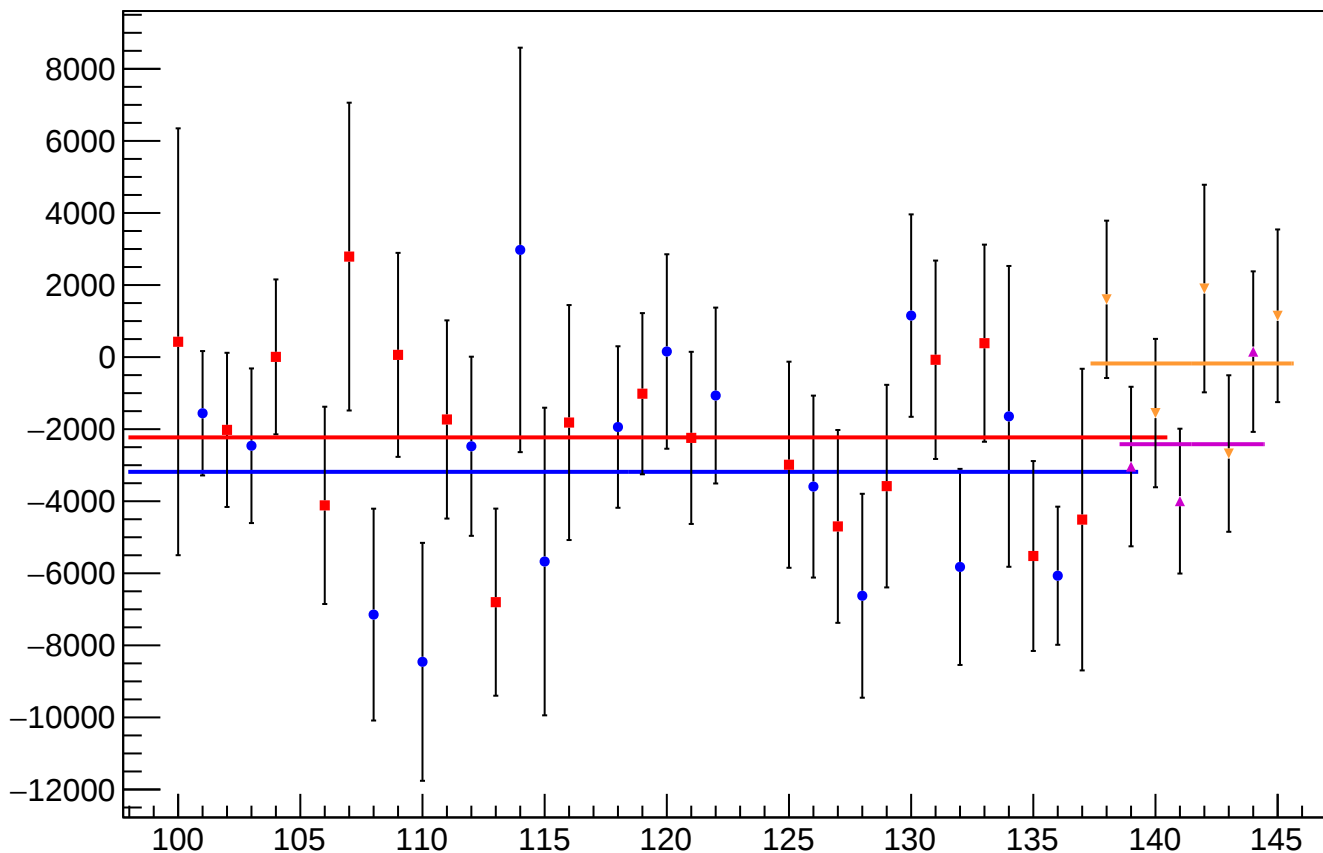
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

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

Out: 811.223 $\pm$ 0.180 χ^2 /NDF: 652402.4/22

All: 802.728 $\pm$ 0.129 χ^2 /NDF: 676490.6/41

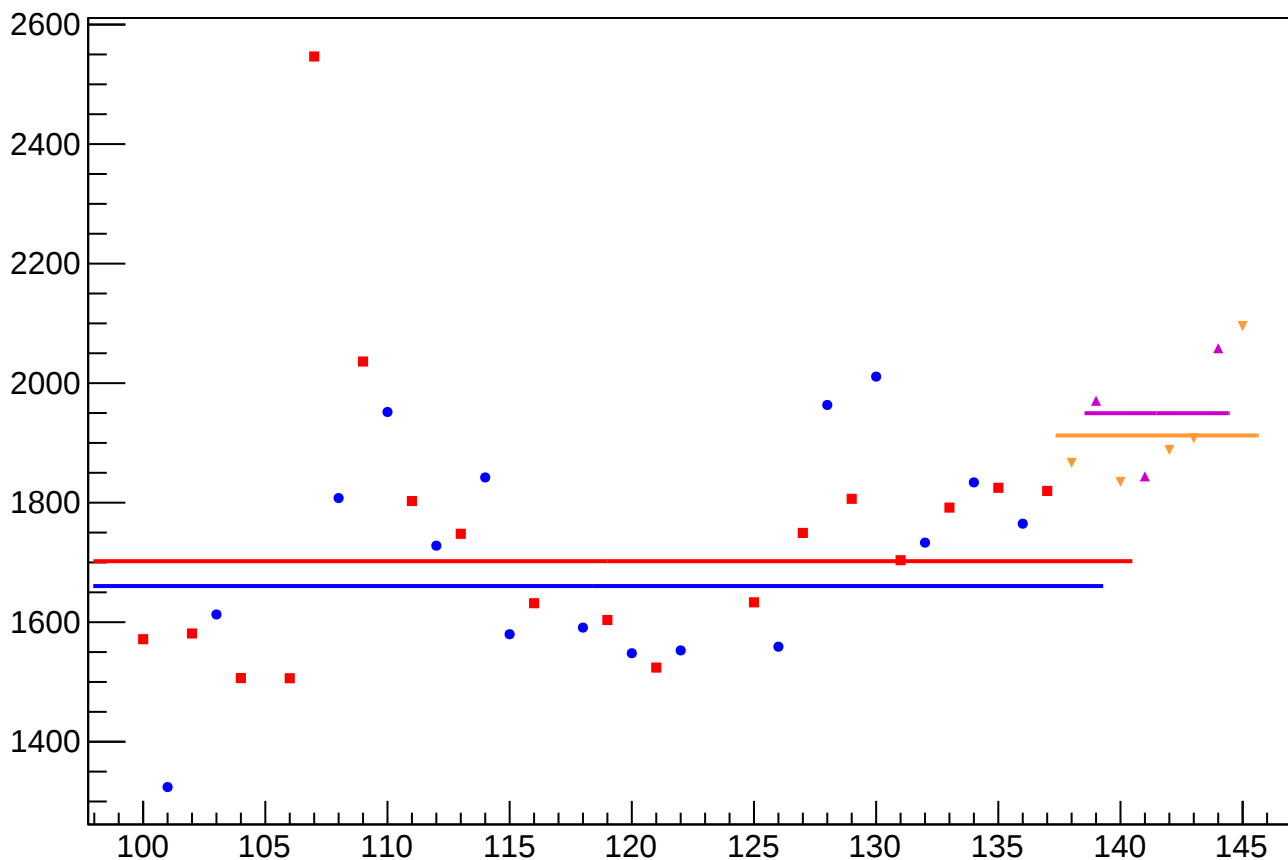
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -176.775 ± 1024.802 $\chi^2/\text{NDF}: 3.3/4$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2417.080 ± 1237.435 $\chi^2/\text{NDF}: 2.0/2$

Left: -1088.200 ± 789.277 $\chi^2/\text{NDF}: 7.2/7$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -3019.617 ± 573.609 $\chi^2/\text{NDF}: 19.1/18$
 Out: -1642.129 ± 547.721 $\chi^2/\text{NDF}: 17.9/22$
 All: -2299.088 ± 396.133 $\chi^2/\text{NDF}: 40.1/41$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

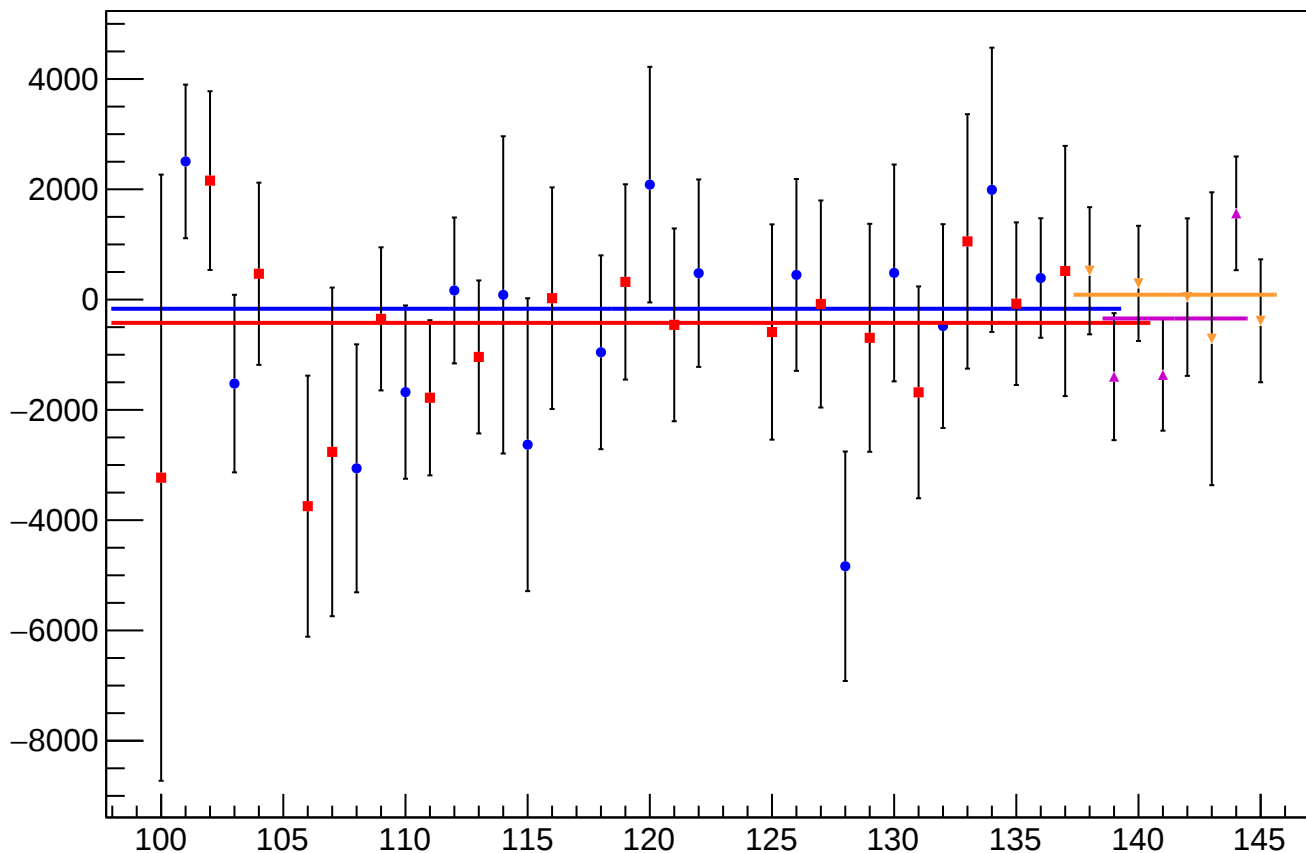
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

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

Out: 1762.180+/-0.387 χ^2/NDF : 247748.0/22

All: 1743.310+/-0.280 χ^2/NDF : 528195.4/41

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 88.095 ± 567.501 $\chi^2/\text{NDF}: 0.5/4$

Right Out: -422.359 ± 427.321 $\chi^2/\text{NDF}: 8.2/17$

Left In: -342.649 ± 611.854 $\chi^2/\text{NDF}: 5.3/2$

Left: -111.101 ± 416.081 $\chi^2/\text{NDF}: 6.0/7$

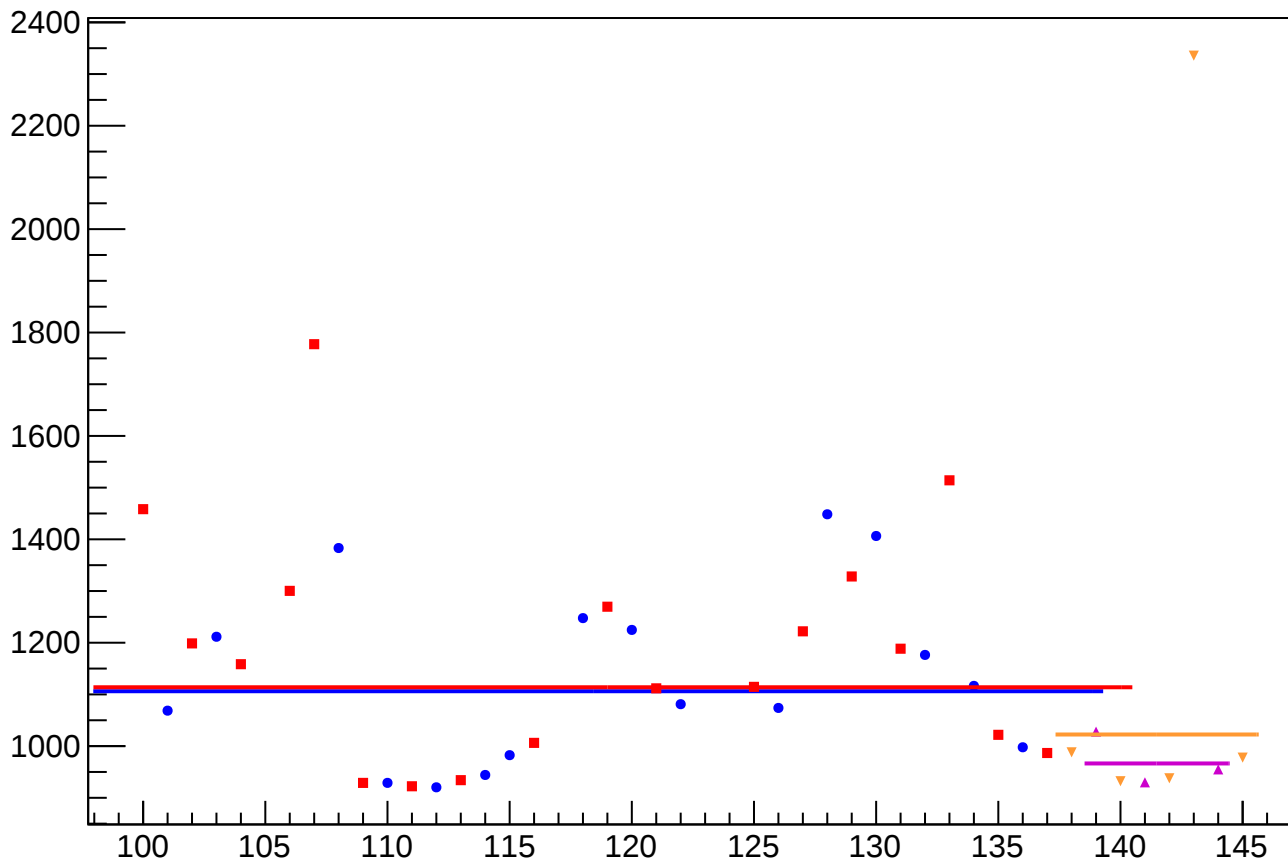
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -225.128 ± 353.272 $\chi^2/\text{NDF}: 21.0/18$

Out: -237.660 ± 341.367 $\chi^2/\text{NDF}: 9.1/22$

All: -231.609 ± 245.484 $\chi^2/\text{NDF}: 30.1/41$

asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 966.451+/-0.433 χ^2/NDF : 8565.5/2

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

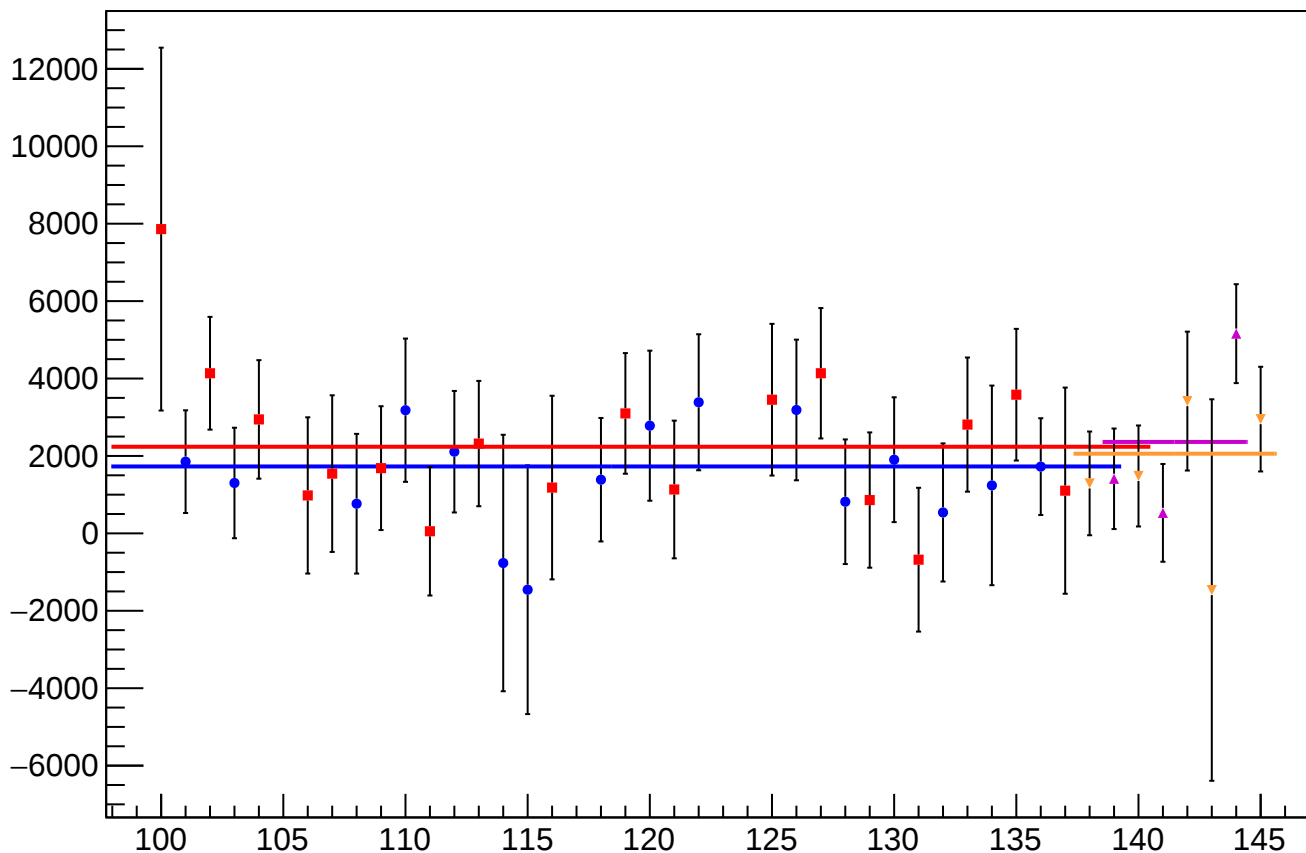
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

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

Out: 1080.765+/-0.241 χ^2/NDF : 913470.1/22

All: 1070.538+/-0.174 χ^2/NDF : 1255183.8/41

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

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

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

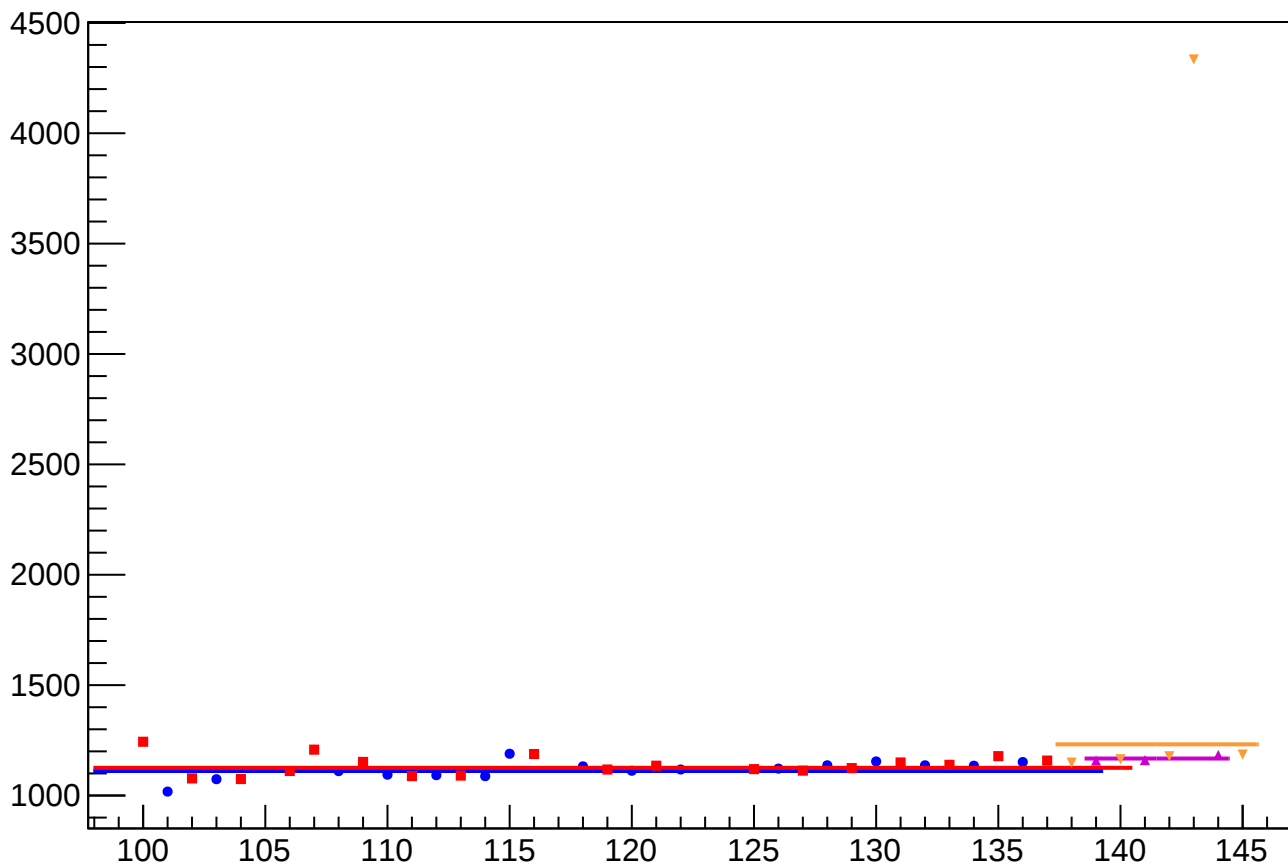
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

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

Out: 2189.275 $\pm$ 363.502 χ^2 /NDF:14.3/22

All: 2042.274 $\pm$ 259.811 χ^2 /NDF: 28.0/41

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

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

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

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

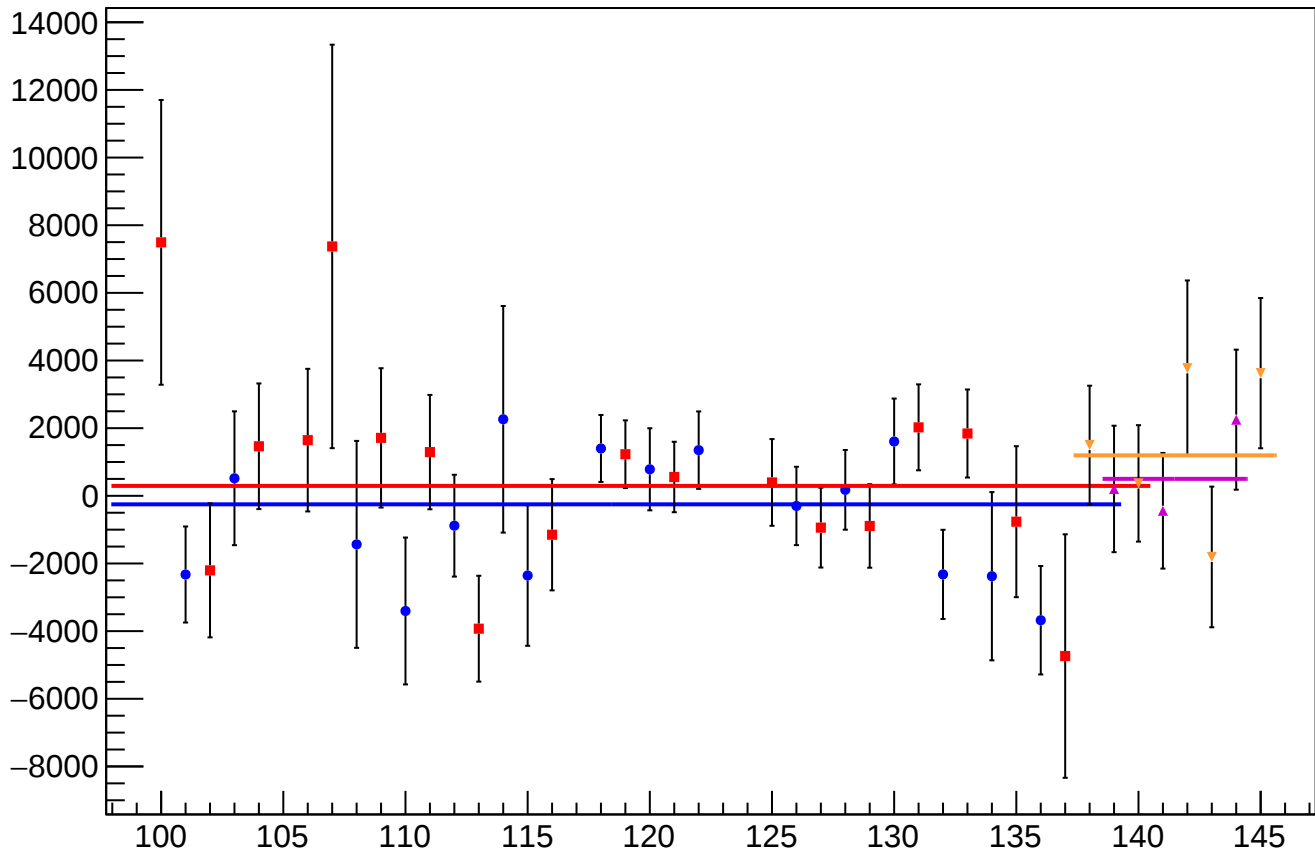
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

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

Out: 1154.206 $\pm$ 0.257 χ^2 /NDF: 859523.4/22

All: 1140.085 $\pm$ 0.184 χ^2 /NDF: 893007.9/41

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 1197.018+/-896.006 χ^2/NDF : 4.5/4

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

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

Left: 912.725+/-688.859 χ^2/NDF : 5.8/7

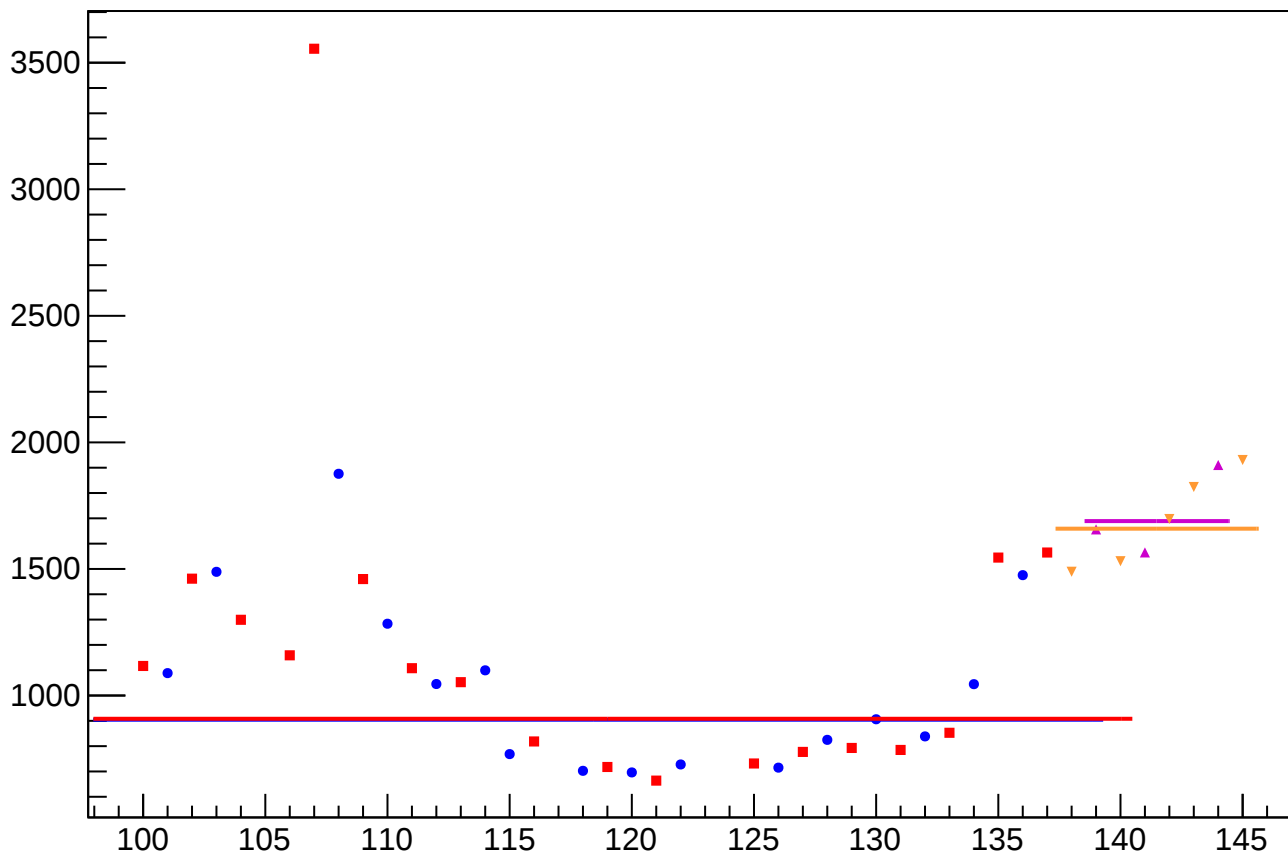
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

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

Out: 420.716+/-336.032 χ^2/NDF : 29.4/22

All: 131.855+/-240.940 χ^2/NDF : 54.3/41

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

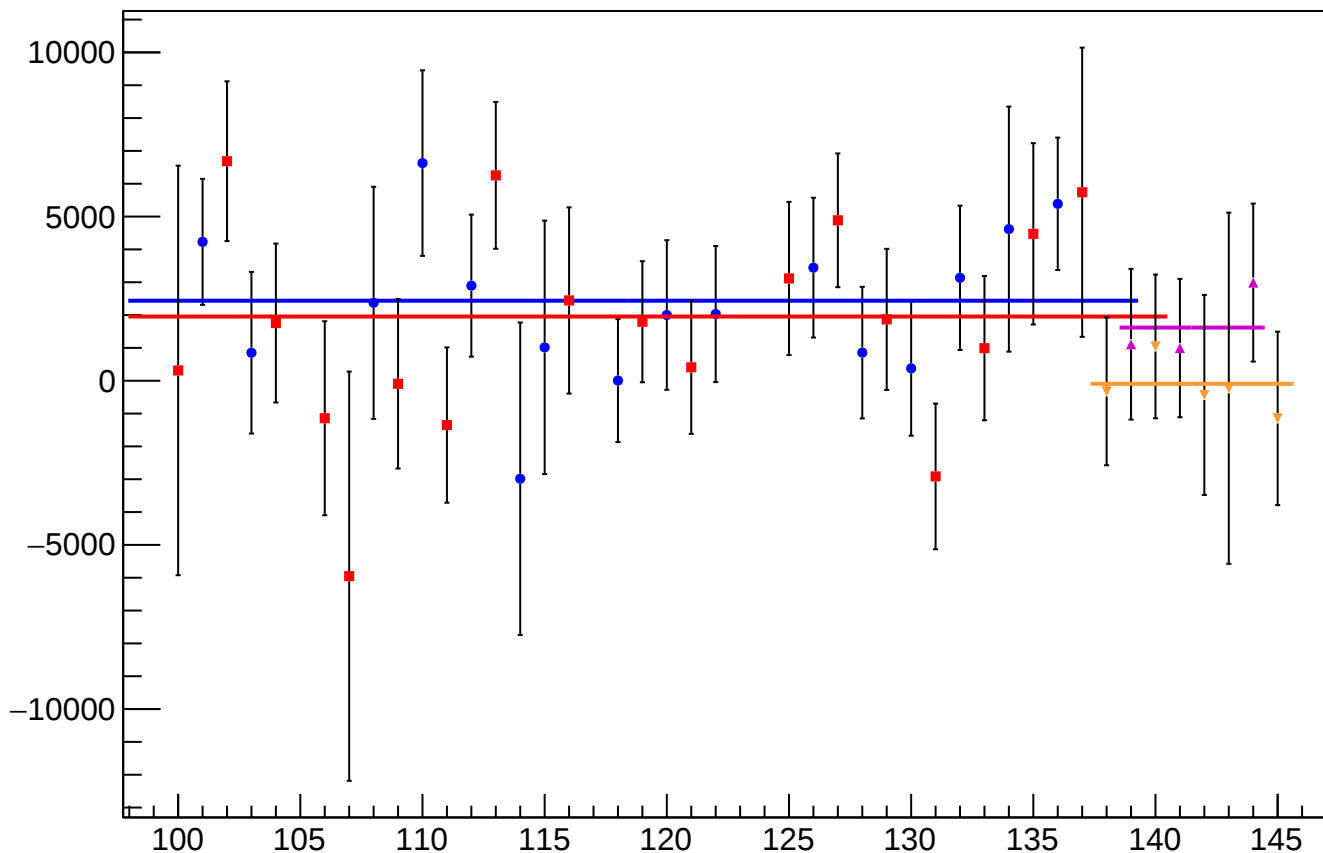
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

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

Out: 1013.778+/-0.238 χ^2/NDF : 2661172.1/22

All: 999.926+/-0.170 χ^2/NDF : 4674983.6/41

asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 1955.910+/-584.085 χ^2/NDF : 22.4/17

Left In: 1618.551+/-1304.667 χ^2/NDF : 0.5/2

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

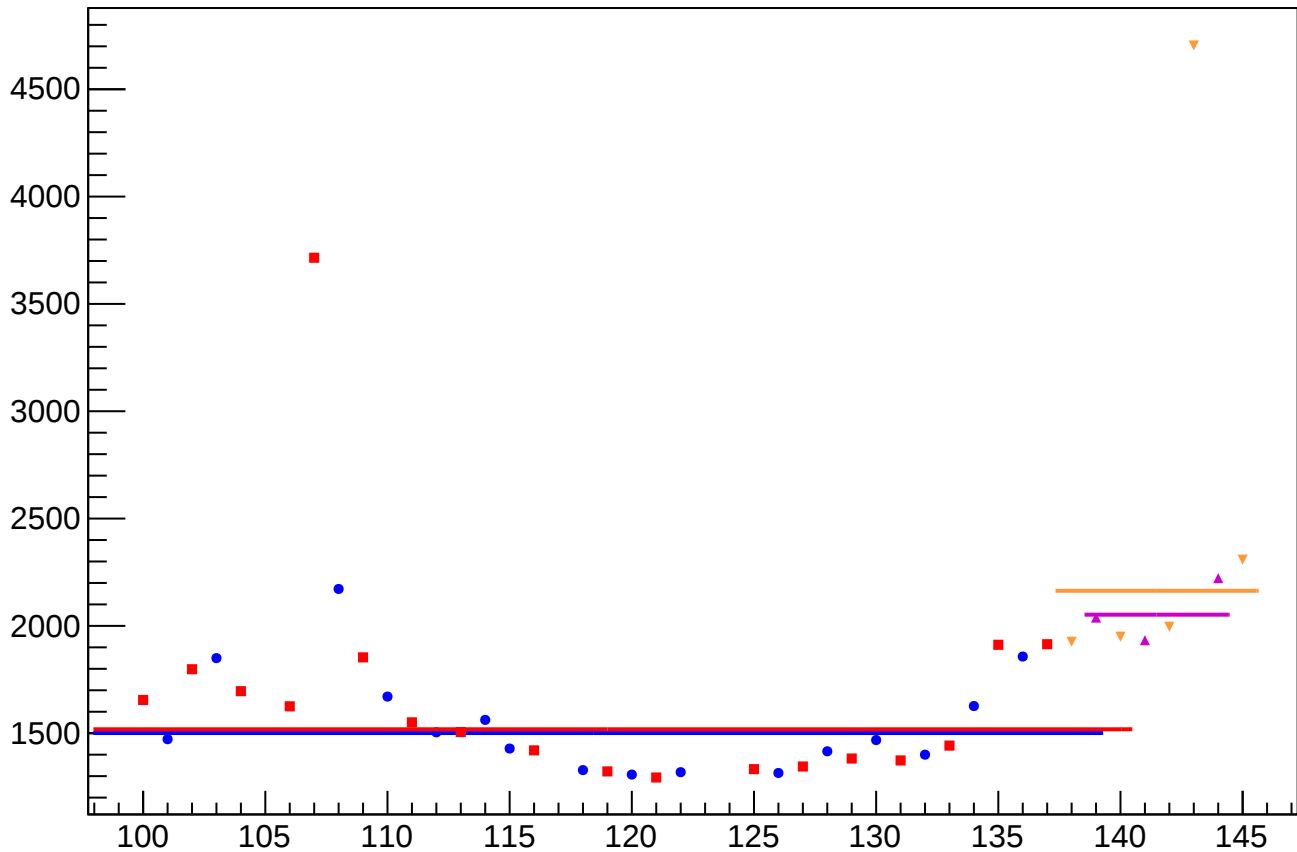
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

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

Out: 1564.701+/-525.367 χ^2/NDF : 25.2/22

All: 1925.826+/-374.757 χ^2/NDF : 38.1/41

asym_usl_rms vs Slug, Sign Corrected



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

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

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

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

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

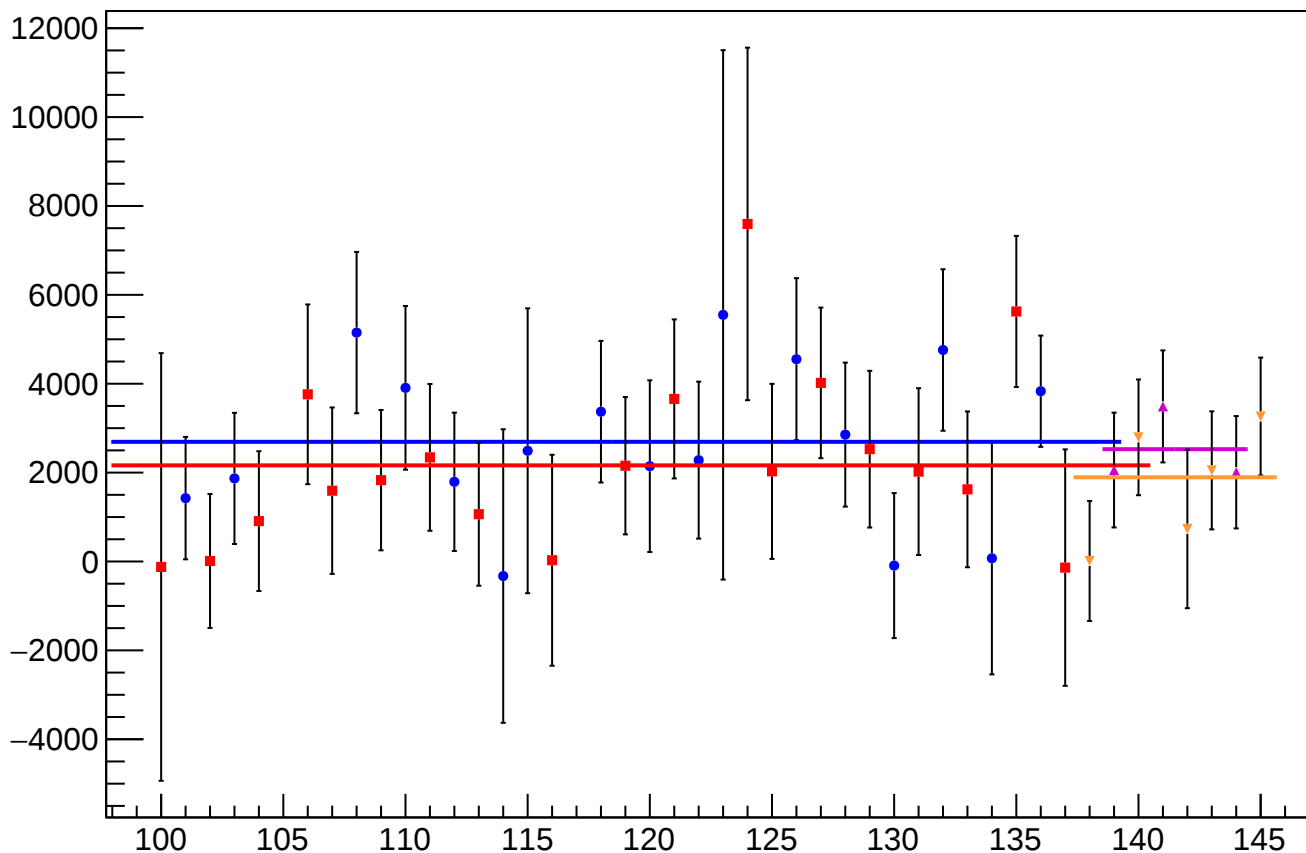
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1641.551+/-0.371 χ^2/NDF : 1446858.0/22

All: 1617.930+/-0.265 χ^2/NDF : 2025019.3/41

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

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

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

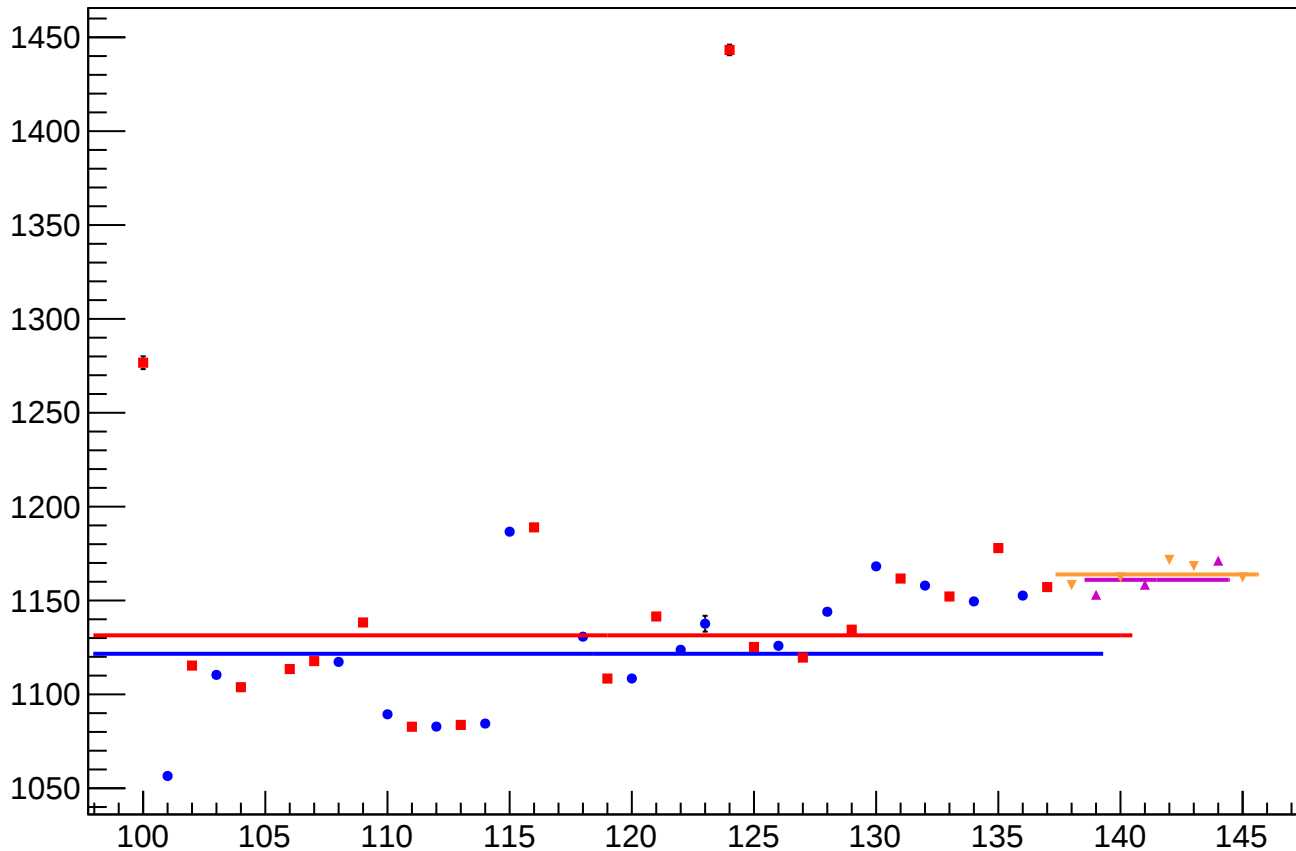
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

Out: 2077.918 $\pm$ 350.155 χ^2 /NDF:17.8/23

All: 2346.205 $\pm$ 255.206 χ^2 /NDF: 32.2/43

dit_asym_usr_rms vs Slug, Sign Corrected



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

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

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

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

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

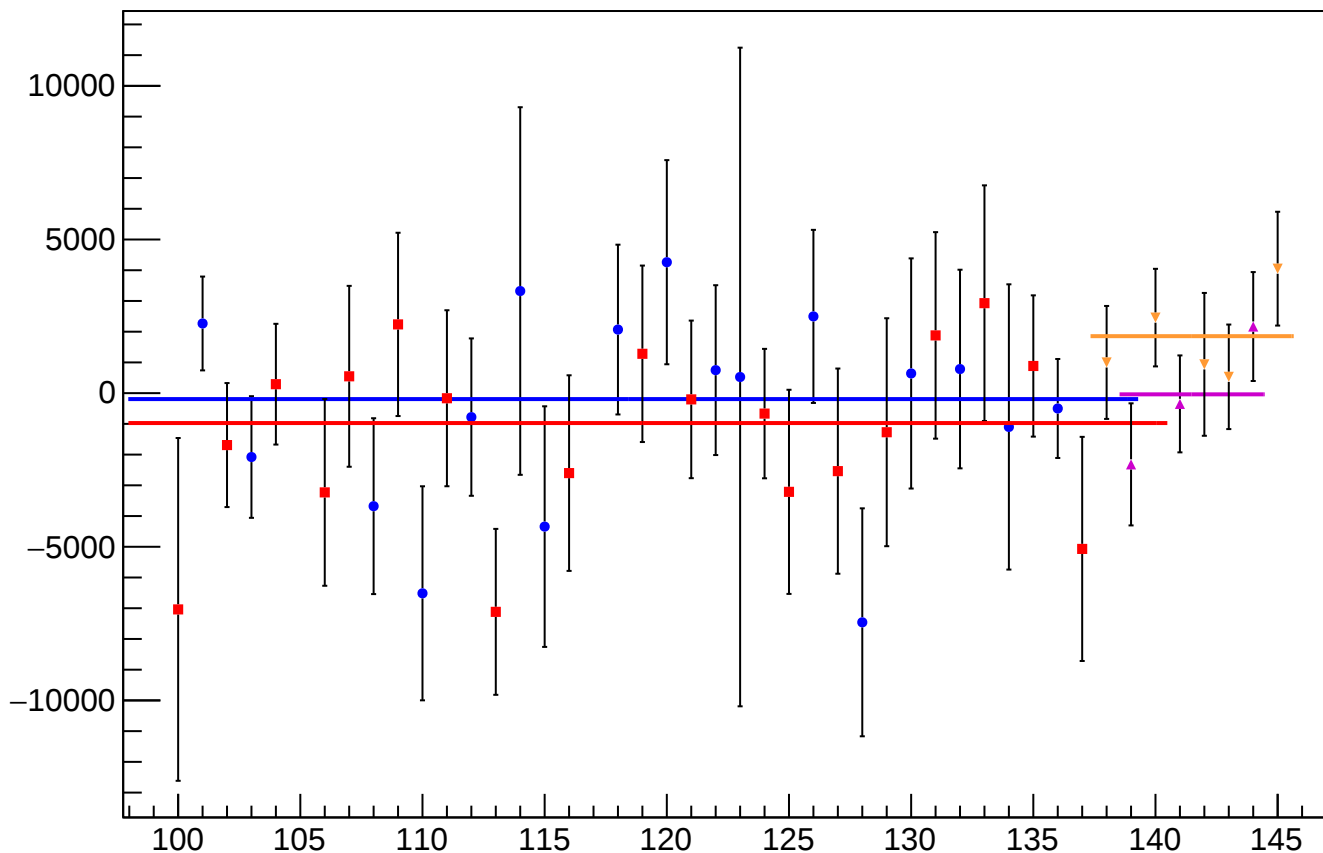
Right: 1126.640 $\pm$ 0.214 χ^2/NDF : 35618.4/35

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

Out: 1141.742 $\pm$ 0.248 χ^2/NDF :26929.8/23

All: 1137.070 $\pm$ 0.180 χ^2/NDF : 44155.9/43

asym_usr_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

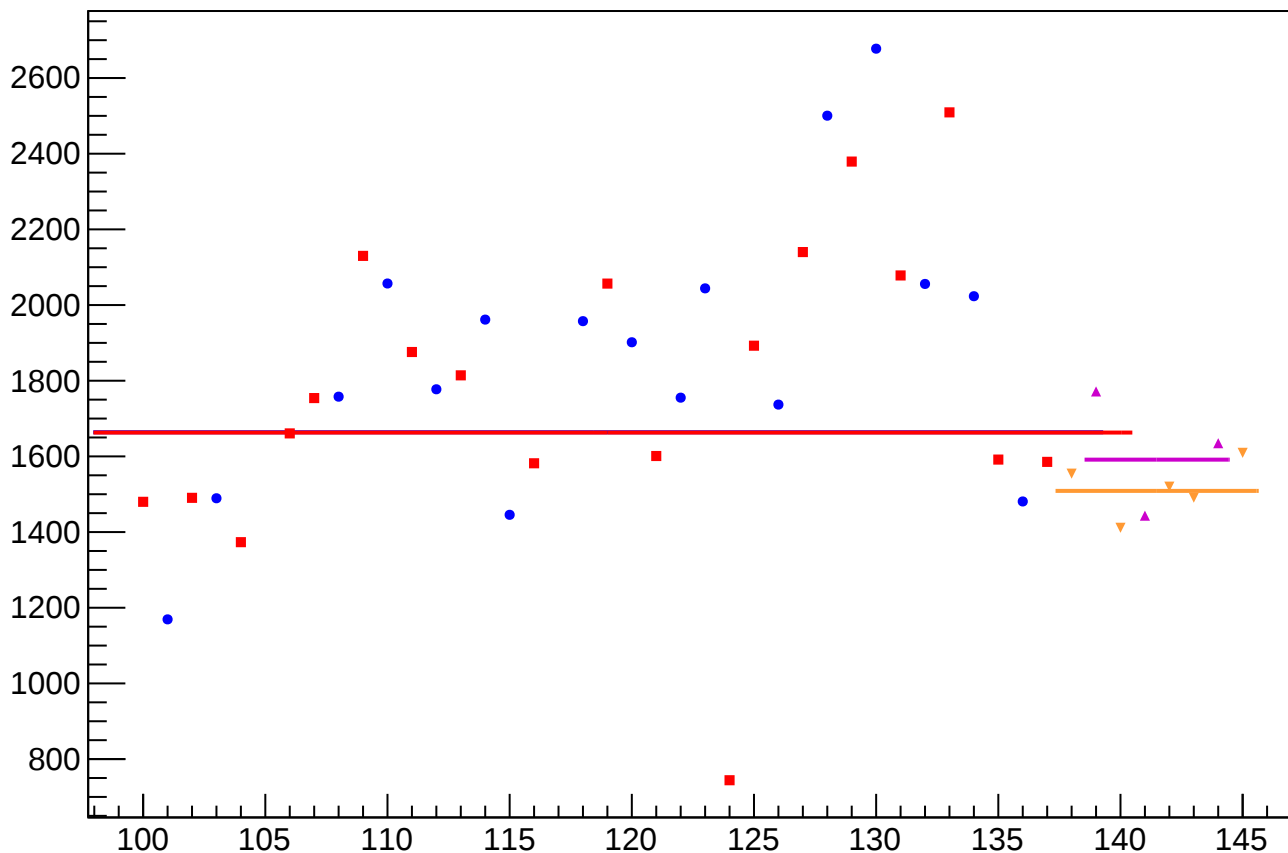
Right: -592.444 ± 461.436 $\chi^2/\text{NDF}: 32.4/35$

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

Out: 119.906 ± 505.194 $\chi^2/\text{NDF}: 24.3/23$

All: -1.584 ± 373.066 $\chi^2/\text{NDF}: 44.7/43$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1508.842 $\pm$ 0.575 χ^2 /NDF:14937.3/4

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

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

Left: 1541.148 $\pm$ 0.448 χ^2 /NDF: 58312.4/7

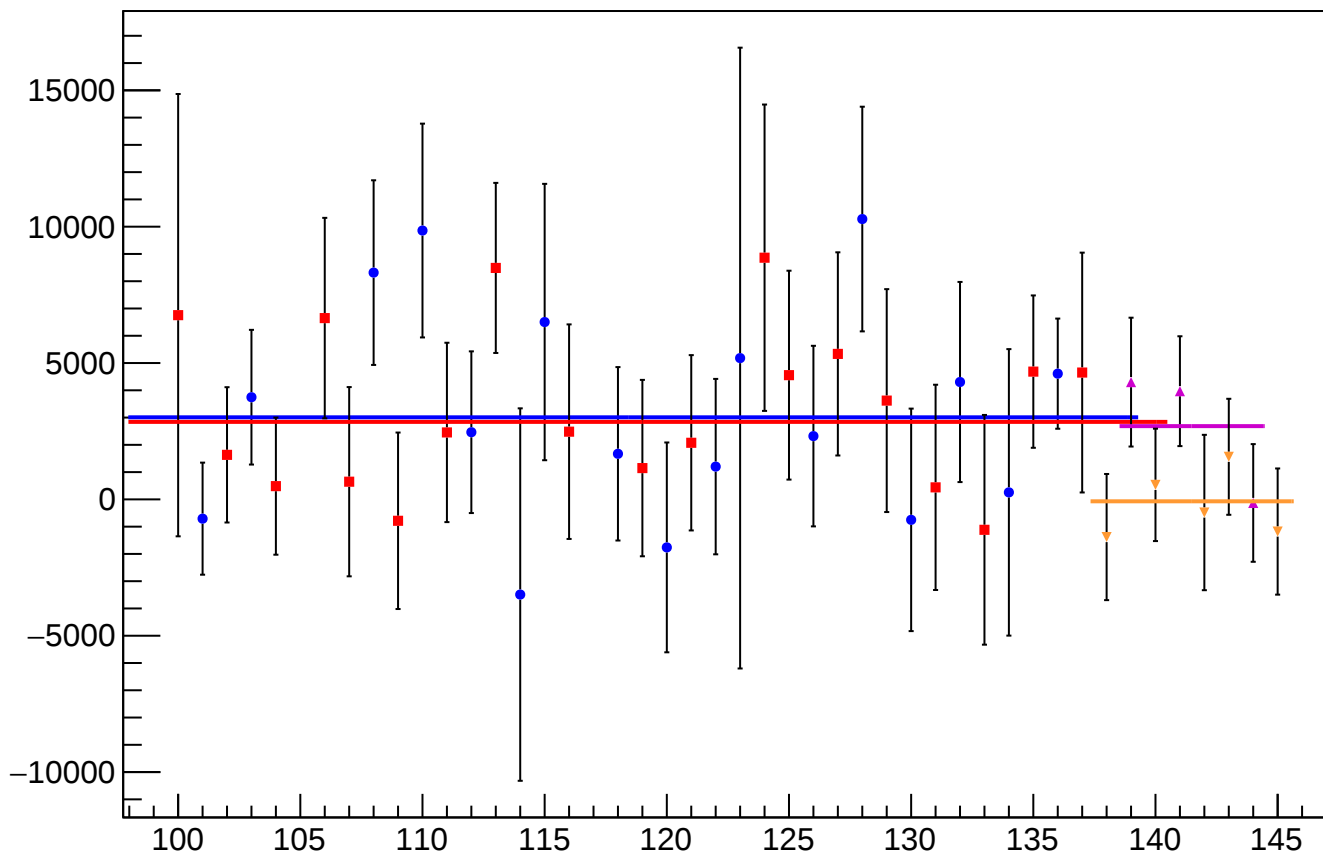
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

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

Out: 1603.391 $\pm$ 0.357 χ^2 /NDF:864066.0/23

All: 1621.041 $\pm$ 0.264 χ^2 /NDF: 1534365.6/43

asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

Left In: 2686.370+/-1249.479 χ^2/NDF : 2.6/2

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

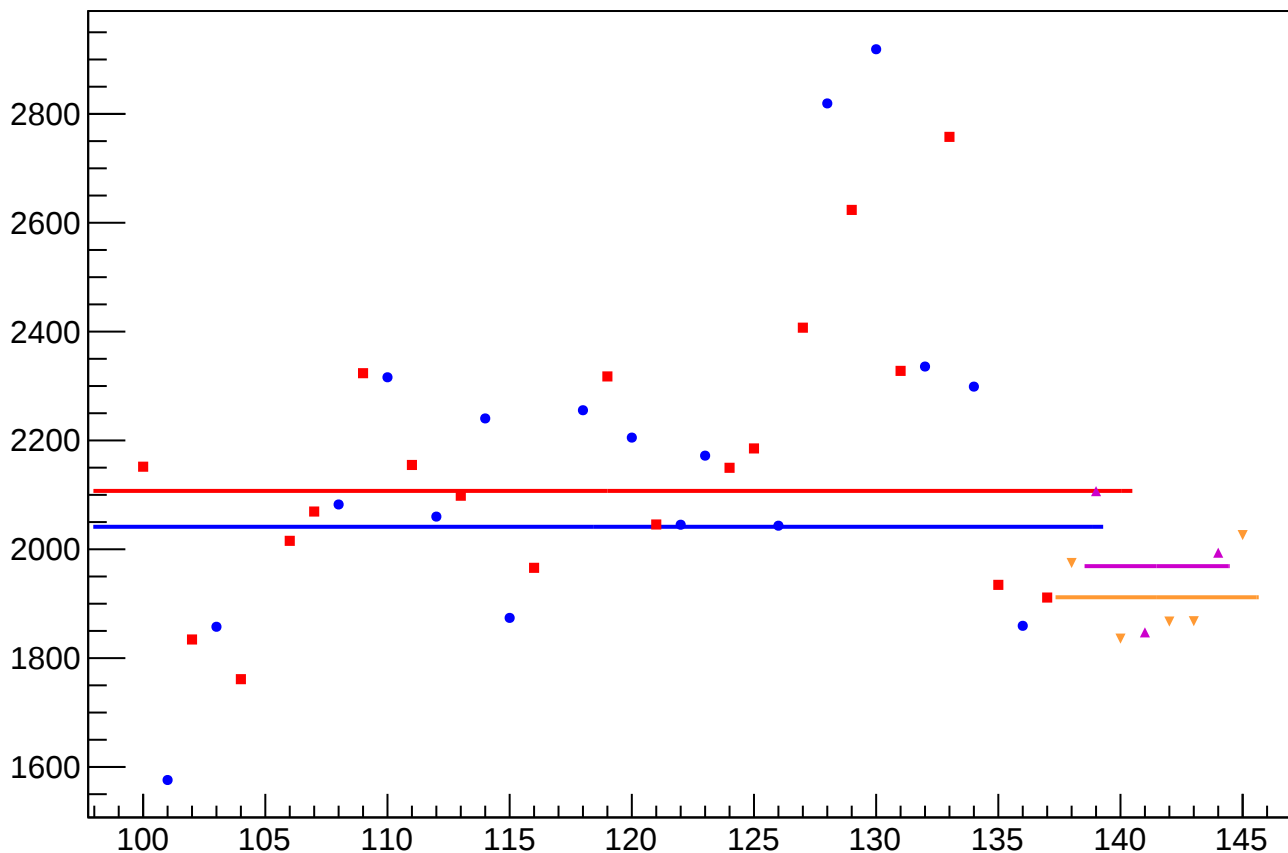
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

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

Out: 1745.455+/-628.347 χ^2/NDF : 17.7/23

All: 2289.871+/-459.450 χ^2/NDF : 39.3/43

asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1969.029+/-0.884 χ^2/NDF :14372.8/2

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

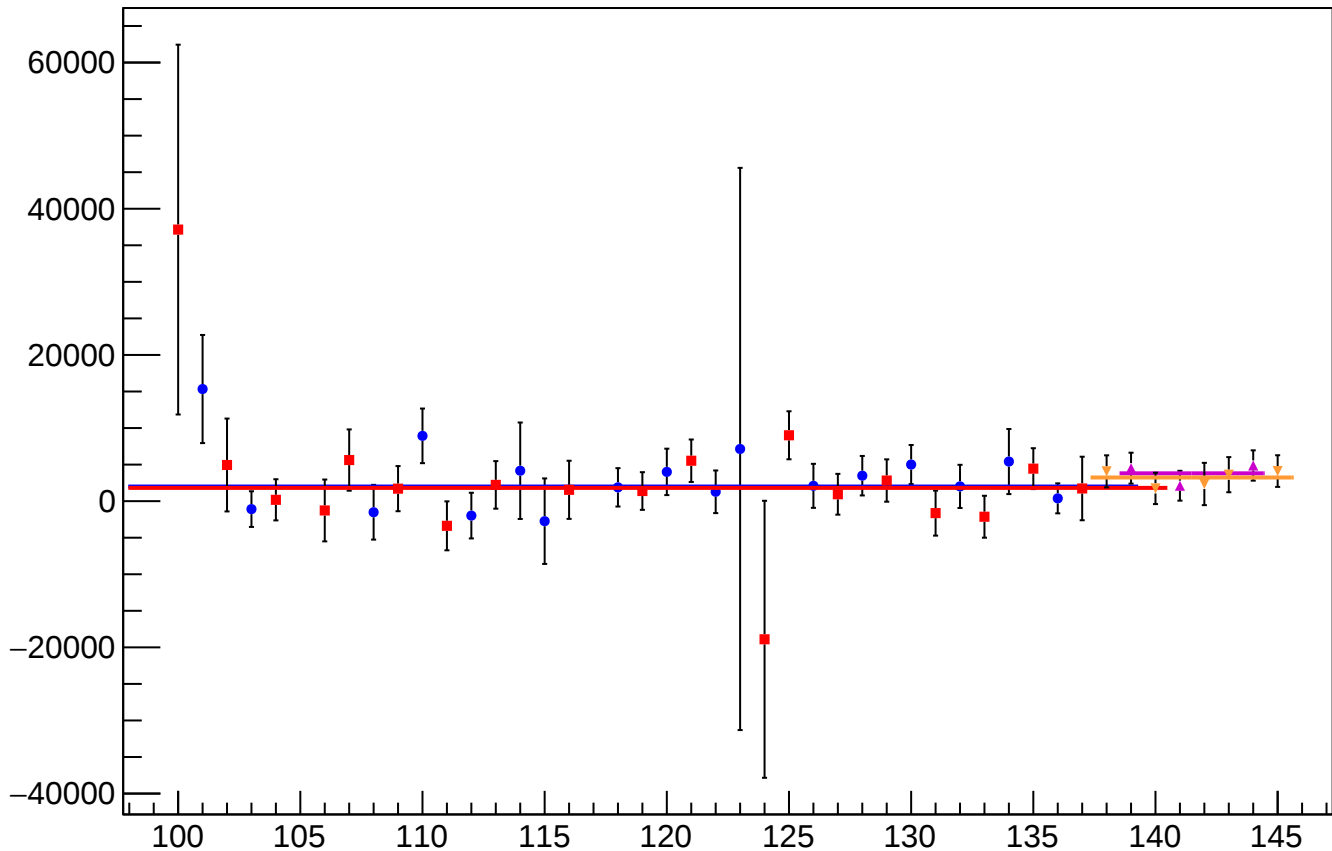
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

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

Out: 2033.699+/-0.444 χ^2/NDF :252629.7/23

All: 2027.480+/-0.325 χ^2/NDF : 610613.8/43

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3806.402+/-1198.801 χ^2/NDF : 1.1/2

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

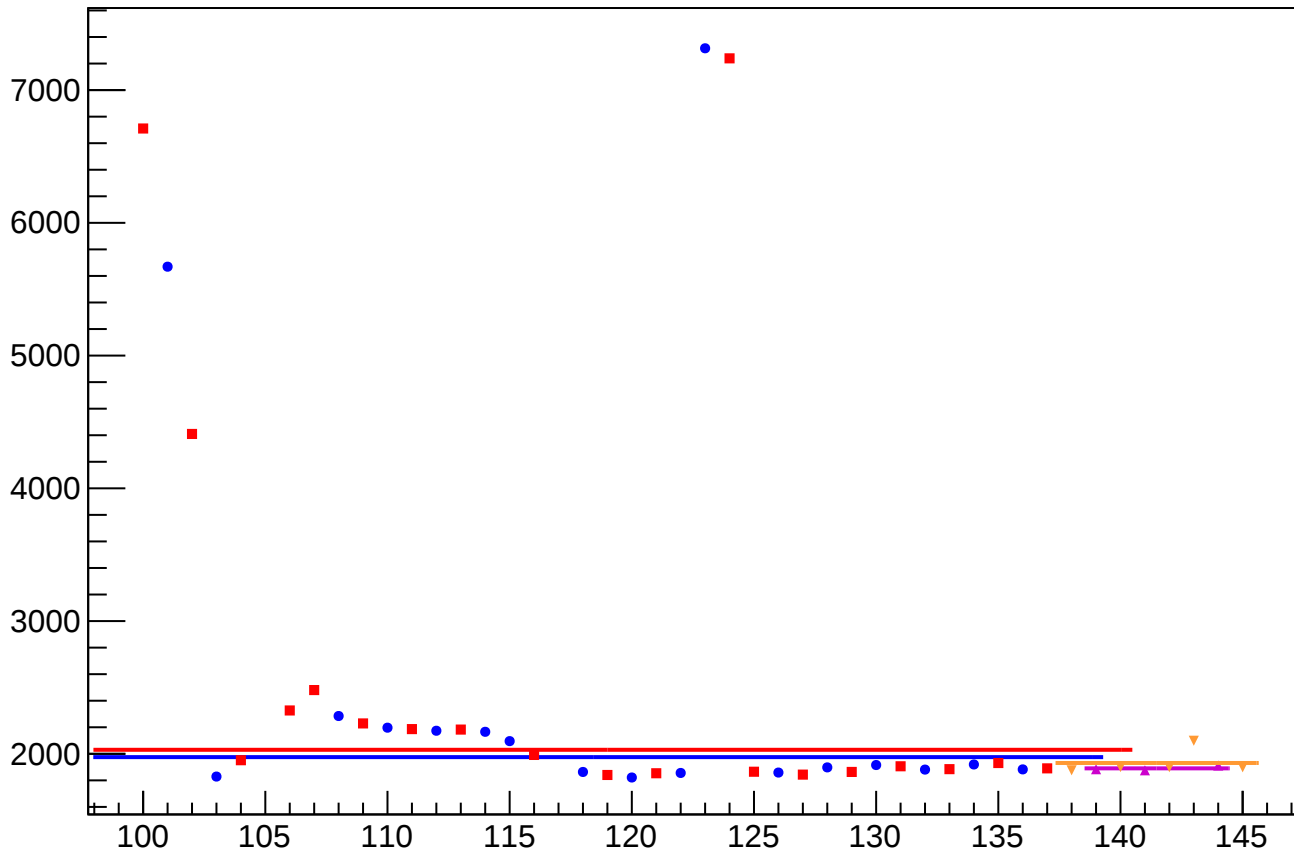
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

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

Out: 2330.107+/-623.959 χ^2/NDF : 20.3/23

All: 2429.417+/-451.695 χ^2/NDF : 37.9/43

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1890.447+/-0.848 χ^2/NDF :331.8/2

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

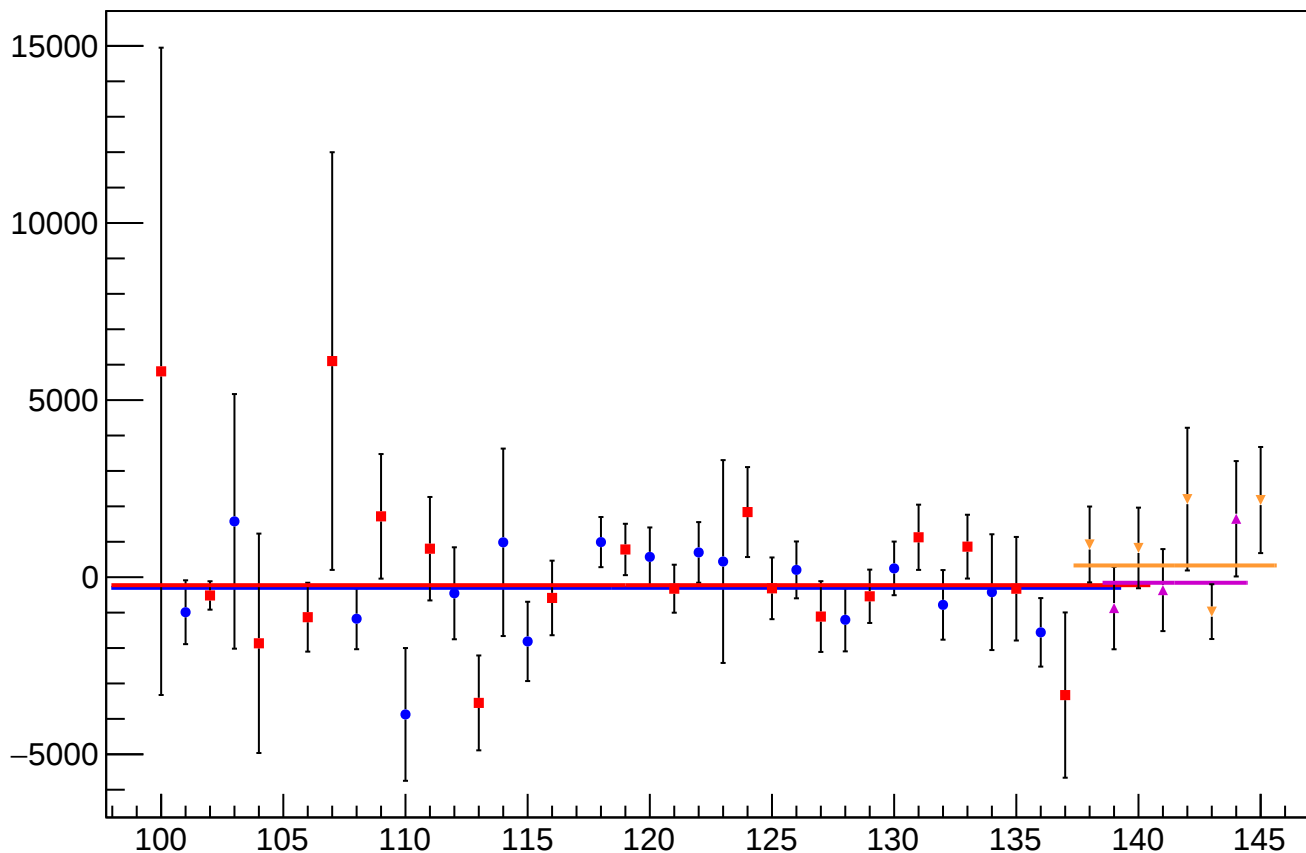
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1994.345+/-0.441 χ^2/NDF :627716.7/23

All: 1973.170+/-0.319 χ^2/NDF : 1239719.1/43

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 331.543+/-499.365 χ^2/NDF : 5.7/4

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

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

Left: 176.566+/-412.704 χ^2/NDF : 7.7/7

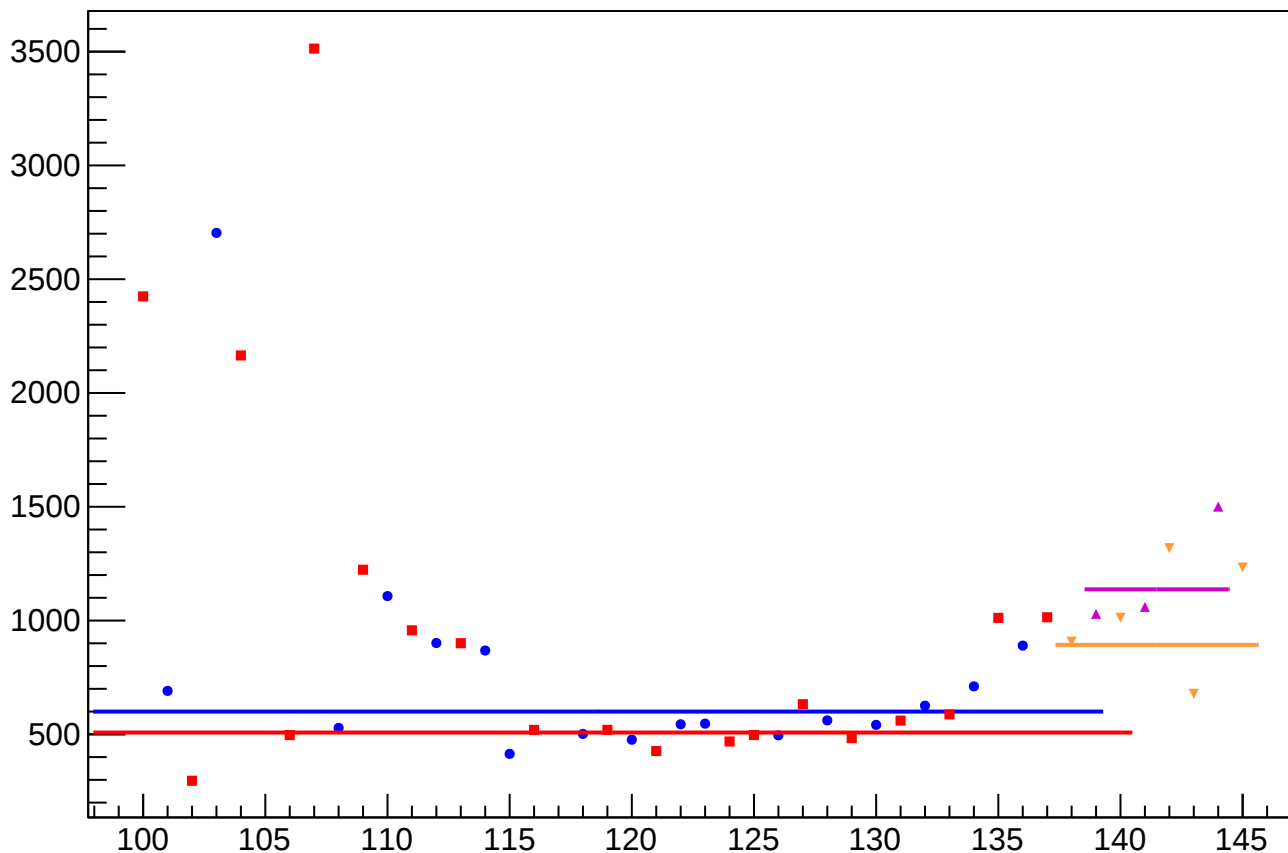
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

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

Out: -137.946+/-197.911 χ^2/NDF : 29.0/23

All: -199.555+/-151.041 χ^2/NDF : 48.2/43

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

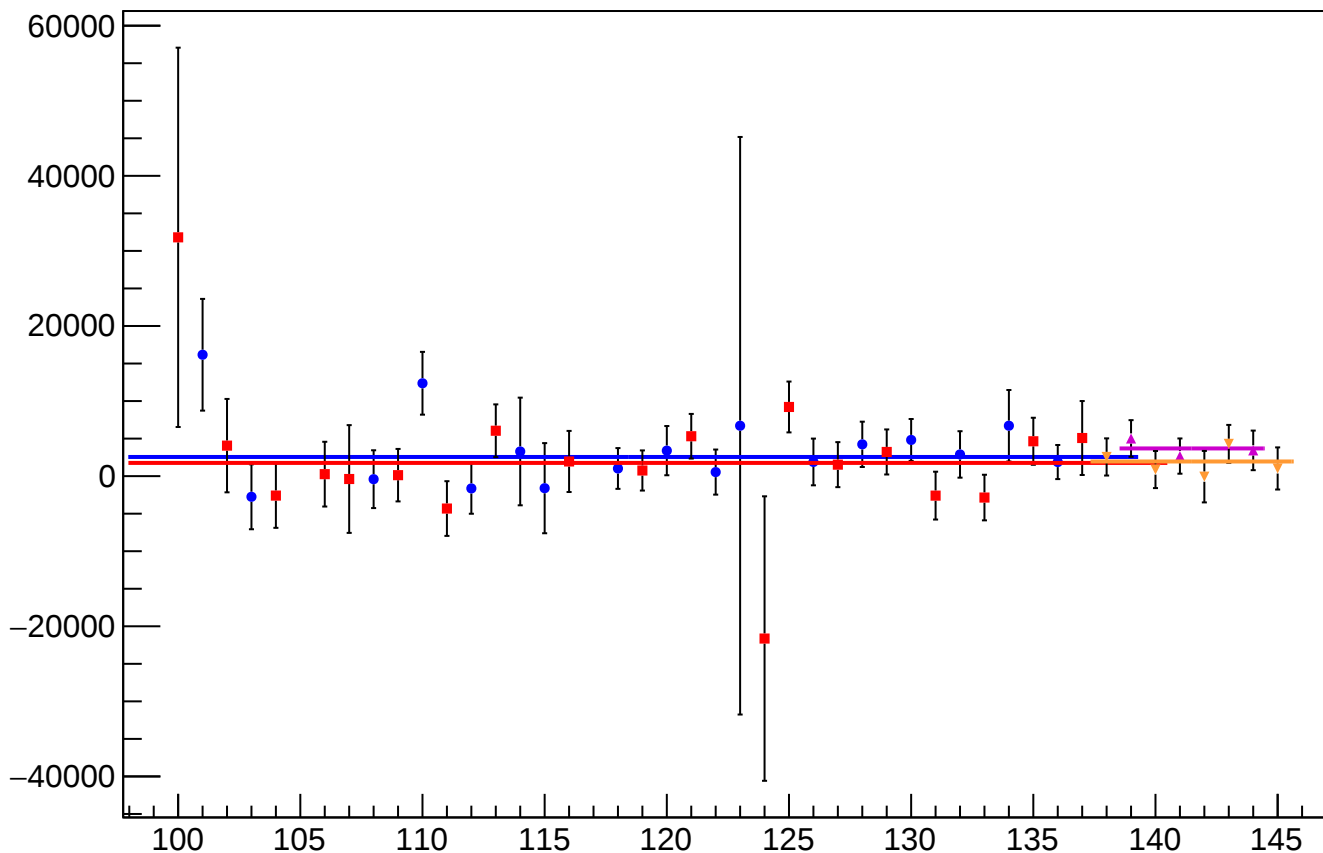
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

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

Out: 568.433+/-0.140 χ^2/NDF : 4220765.4/23

All: 604.406+/-0.107 χ^2/NDF : 6850793.7/43

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

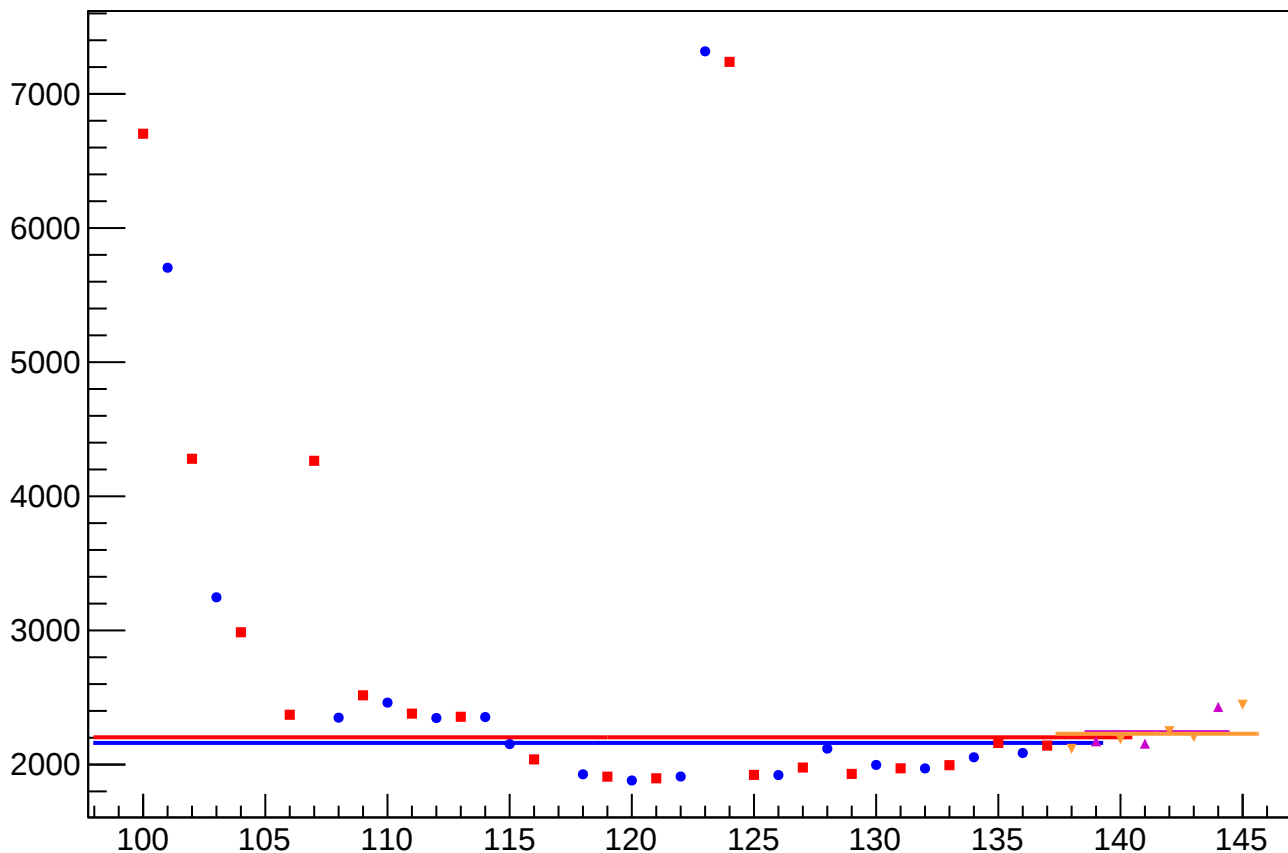
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 1825.792 $\pm$ 695.867 χ^2 /NDF:22.5/23

All: 2312.507 $\pm$ 505.501 χ^2 /NDF: 40.2/43

asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

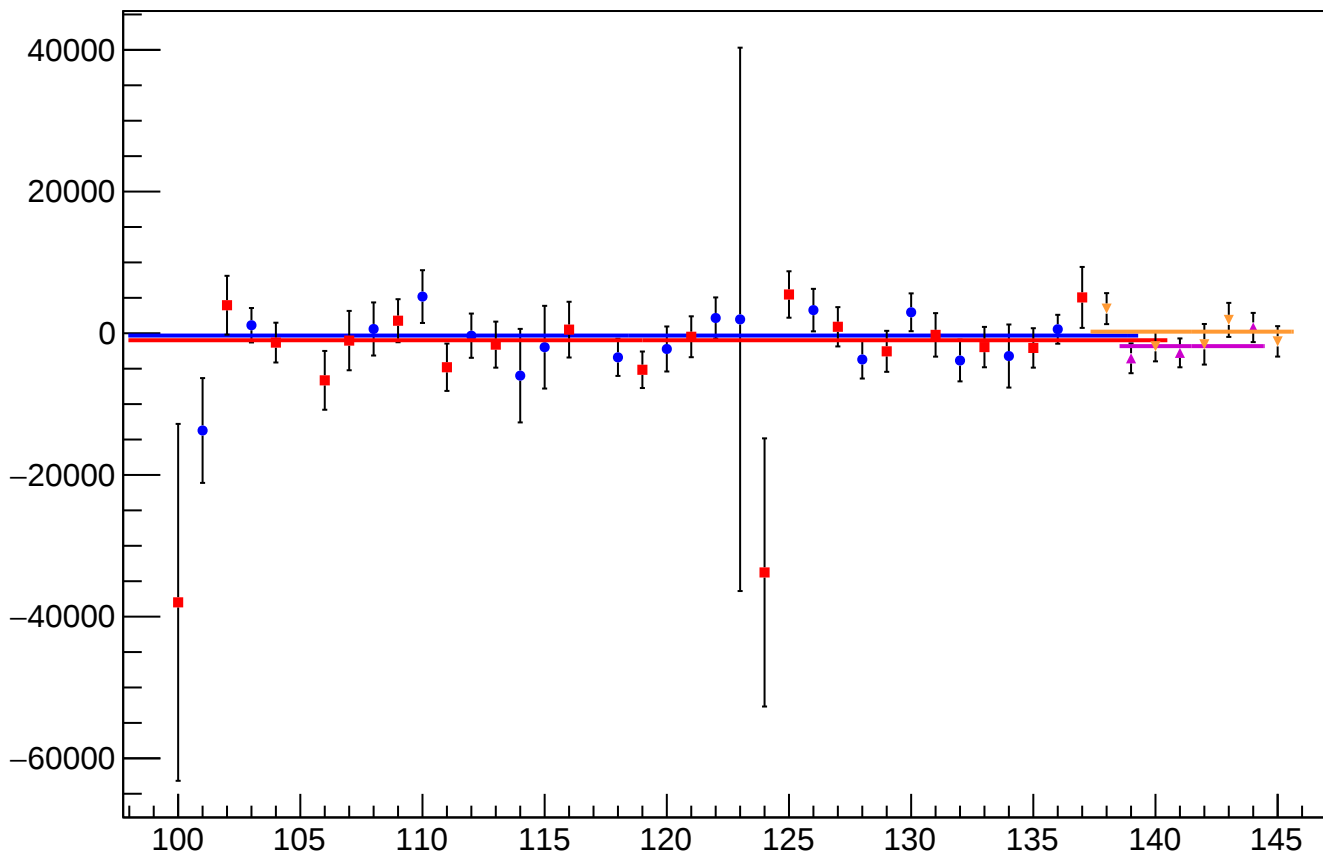
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

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

Out: 2212.243+/-0.492 χ^2/NDF :814887.5/23

All: 2198.359+/-0.357 χ^2/NDF : 1546853.5/43

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 226.252 ± 1031.070 $\chi^2/\text{NDF}: 4.4/4$

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

Left In: -1816.130 ± 1192.757 $\chi^2/\text{NDF}: 2.5/2$

Left: -647.225 ± 780.026 $\chi^2/\text{NDF}: 8.6/7$

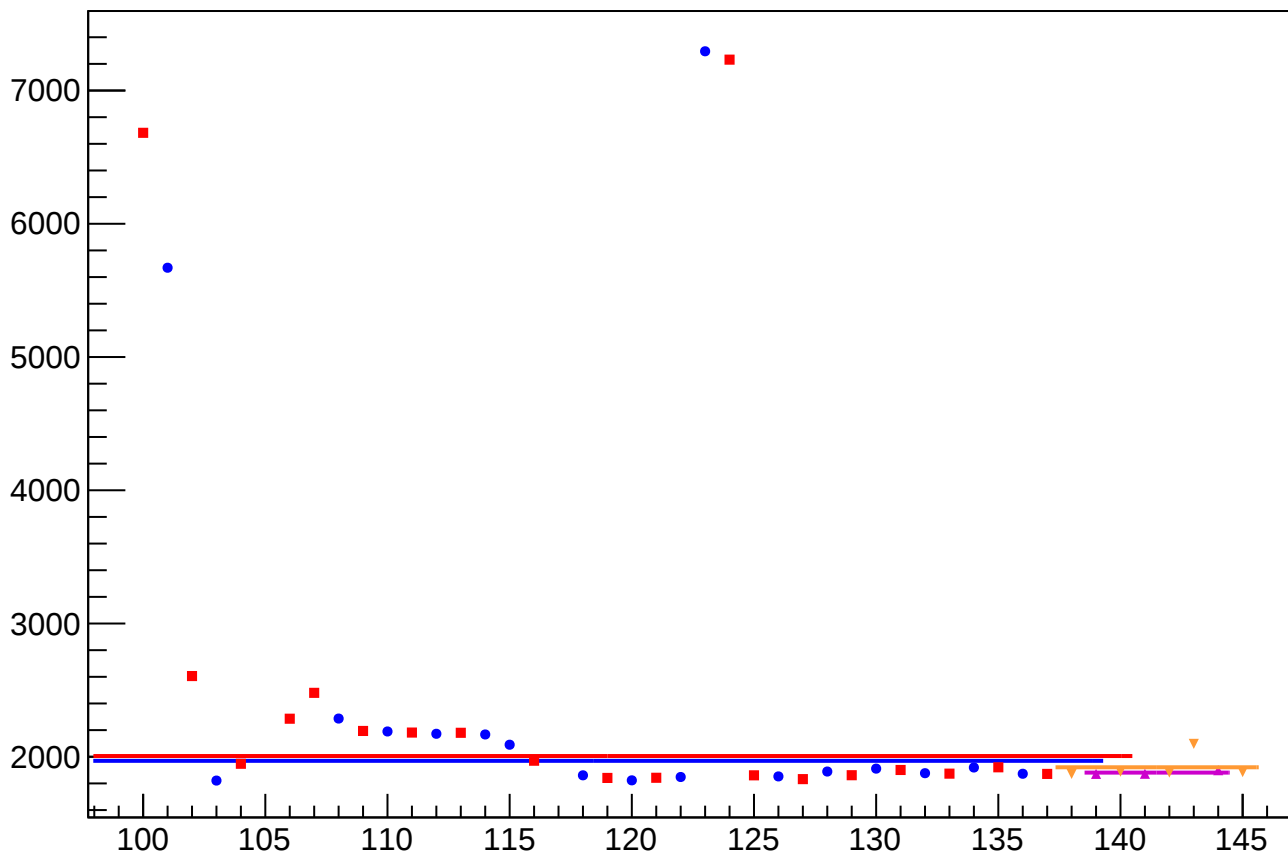
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -770.384 ± 652.518 $\chi^2/\text{NDF}: 19.3/19$

Out: -551.968 ± 616.908 $\chi^2/\text{NDF}: 25.7/23$

All: -655.054 ± 448.280 $\chi^2/\text{NDF}: 45.1/43$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1881.119+/-0.843 χ^2/NDF :230.0/2

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

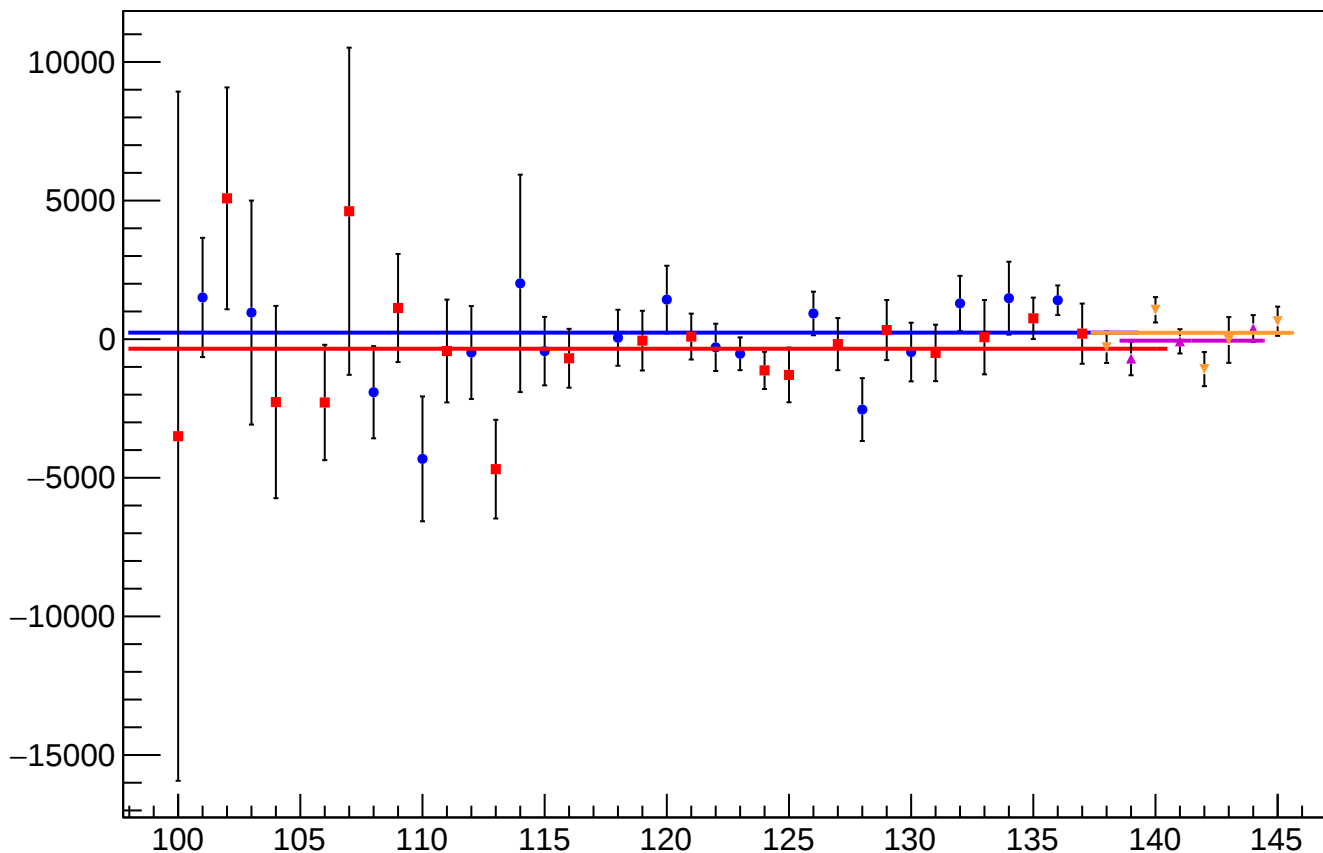
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1975.310+/-0.436 χ^2/NDF :381453.1/23

All: 1960.082+/-0.317 χ^2/NDF : 994769.2/43

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -344.268 ± 268.517 χ^2/NDF : 16.0/18

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

Left: 105.871 ± 189.501 χ^2/NDF : 11.9/7

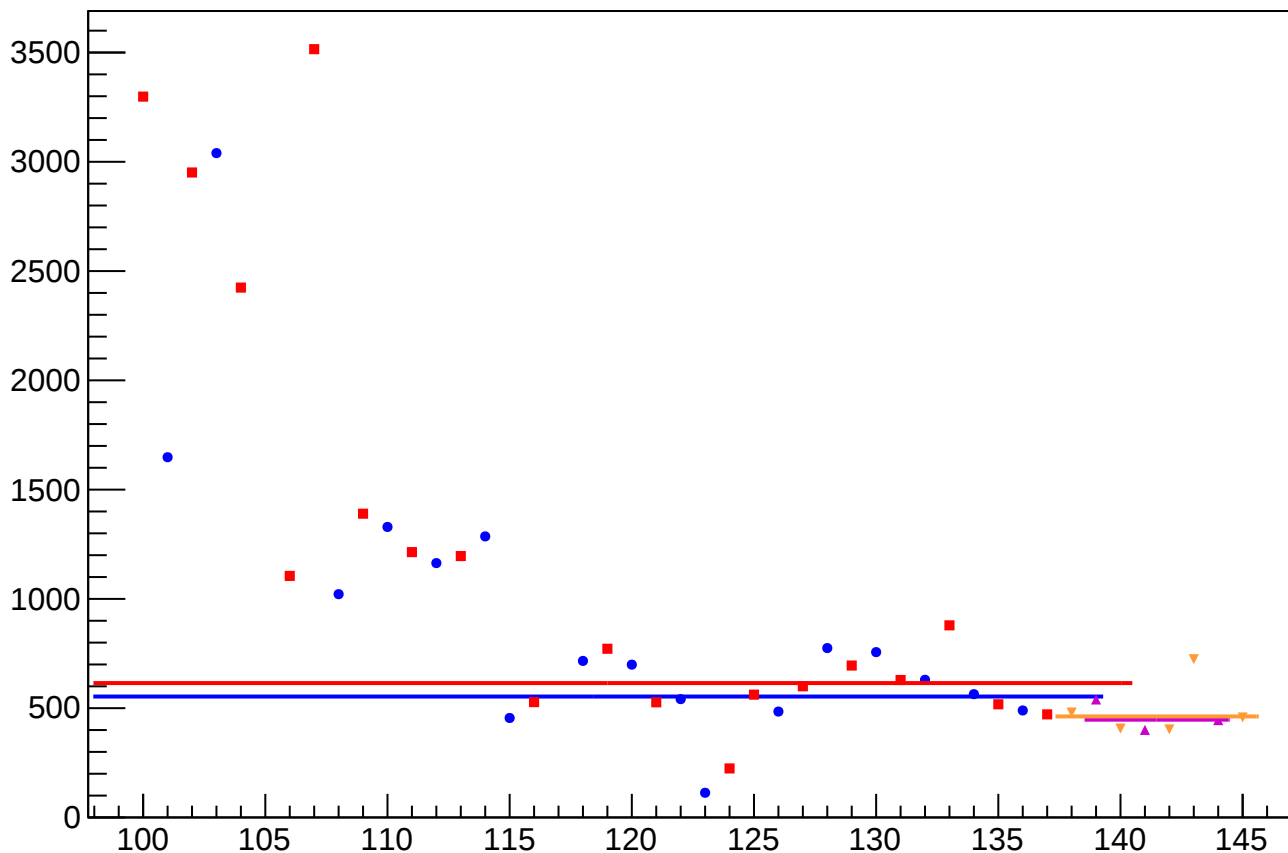
Right: -31.357 ± 182.424 χ^2/NDF : 42.4/35

In: 112.210 ± 187.599 χ^2/NDF : 26.4/19

Out: -40.109 ± 184.172 χ^2/NDF : 27.8/23

All: 34.646 ± 131.424 χ^2/NDF : 54.5/43

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 447.457+/-0.202 χ^2/NDF : 69553.0/2

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

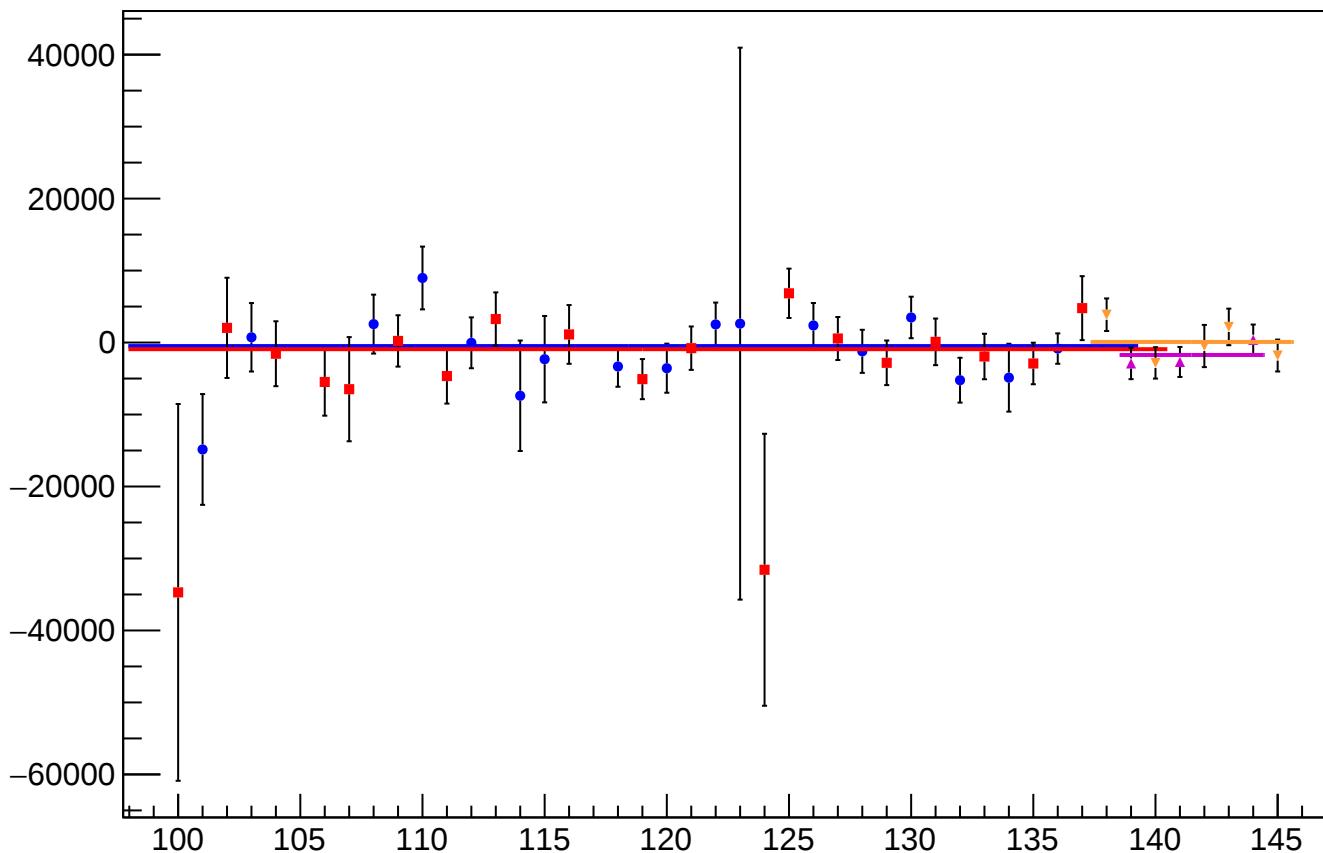
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

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

Out: 534.011+/-0.130 χ^2/NDF : 4163028.4/23

All: 521.106+/-0.093 χ^2/NDF : 7821369.4/43

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1725.476 ± 1228.578 χ^2/NDF : 1.5/2

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

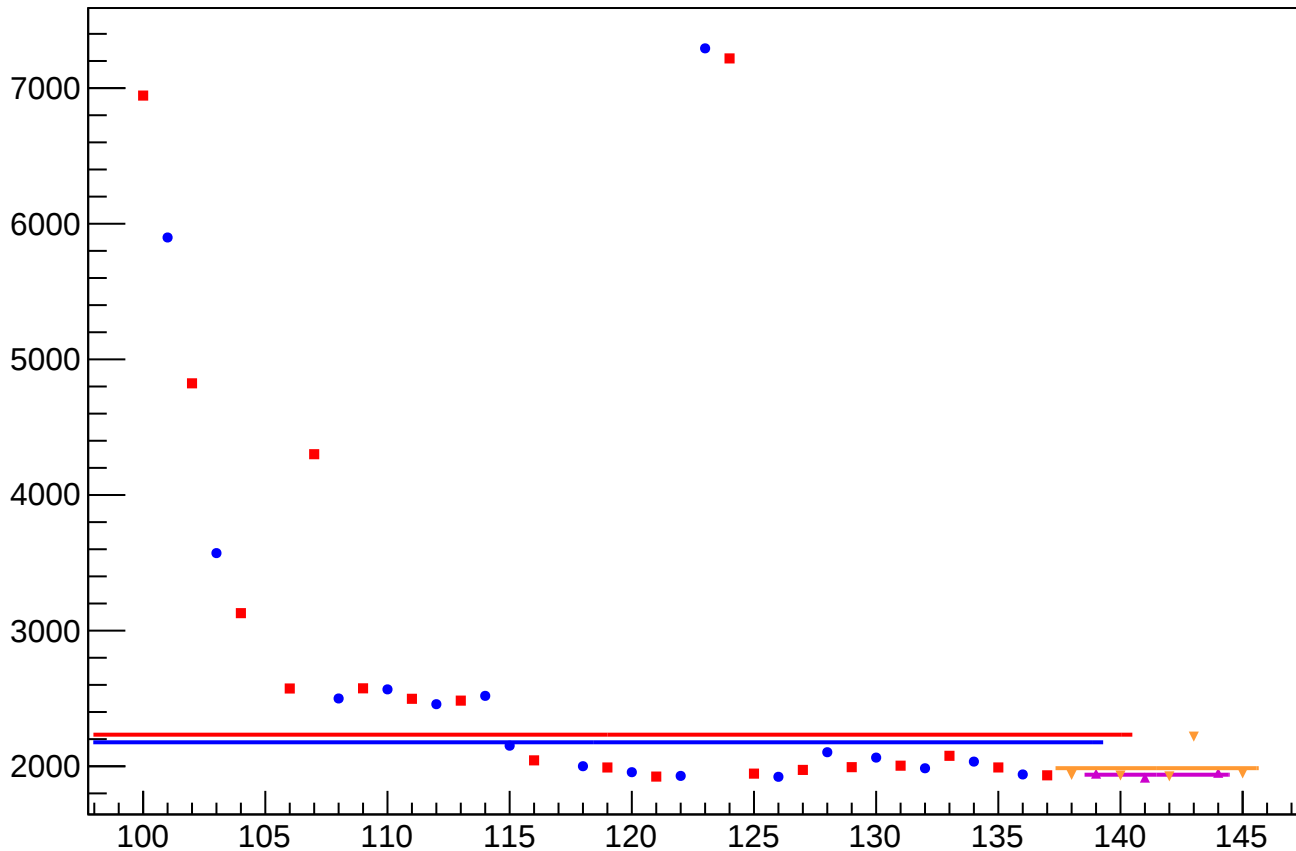
Right: -706.757 ± 613.998 χ^2/NDF : 37.6/35

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

Out: -519.947 ± 673.461 χ^2/NDF : 25.5/23

All: -701.489 ± 488.261 χ^2/NDF : 46.4/43

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 2232.883 $\pm$ 0.614 χ^2 /NDF: 890552.7/18

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

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

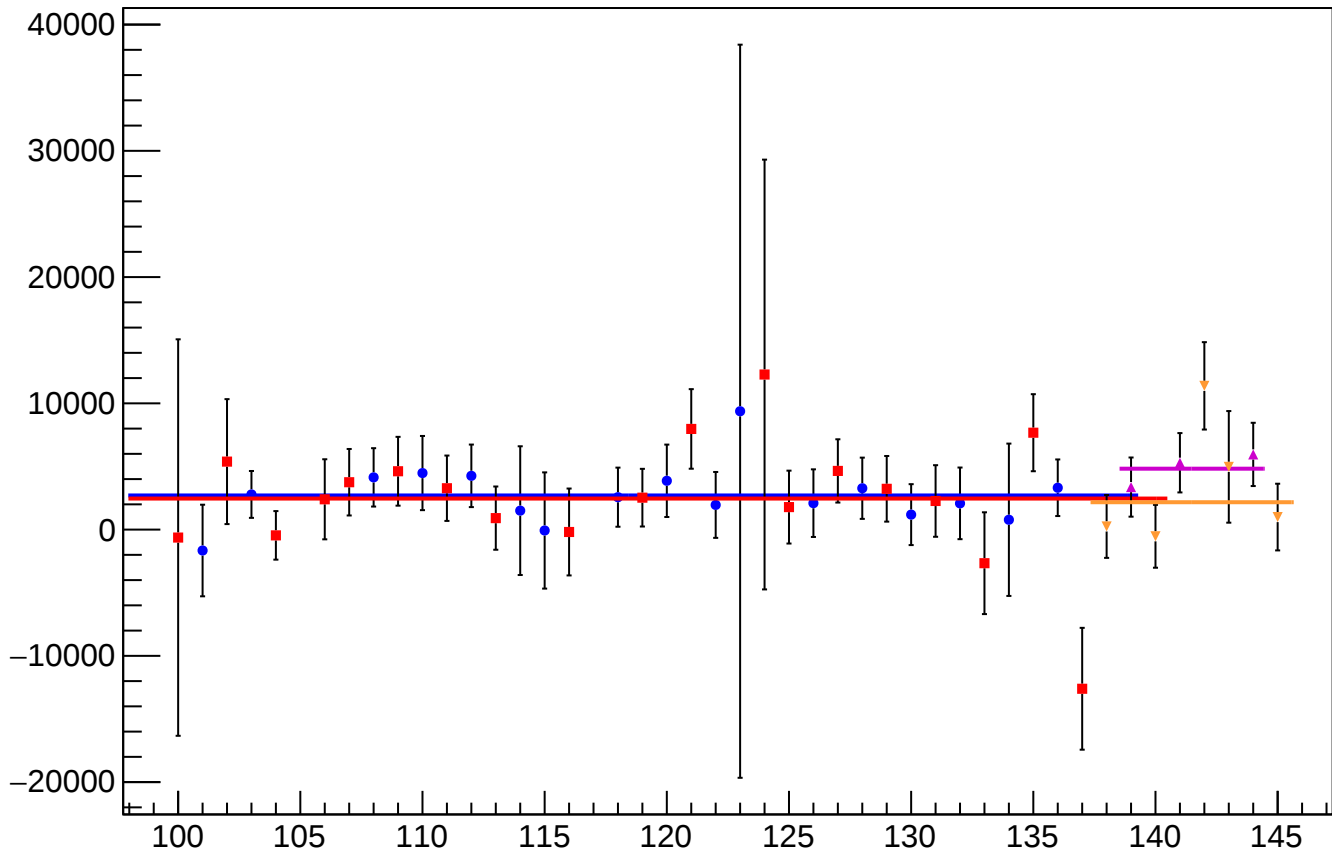
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

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

Out: 2134.368 $\pm$ 0.476 χ^2 /NDF: 975470.4/23

All: 2116.721 $\pm$ 0.345 χ^2 /NDF: 1831863.8/43

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508+/-673.898 χ^2/NDF : 4.0/16

Left Out: 2168.238+/-1290.321 χ^2/NDF : 9.5/4

Right Out: 2458.734+/-682.630 χ^2/NDF : 23.2/18

Left In: 4824.196+/-1383.351 χ^2/NDF : 0.6/2

Left: 3403.915+/-943.570 χ^2/NDF : 12.1/7

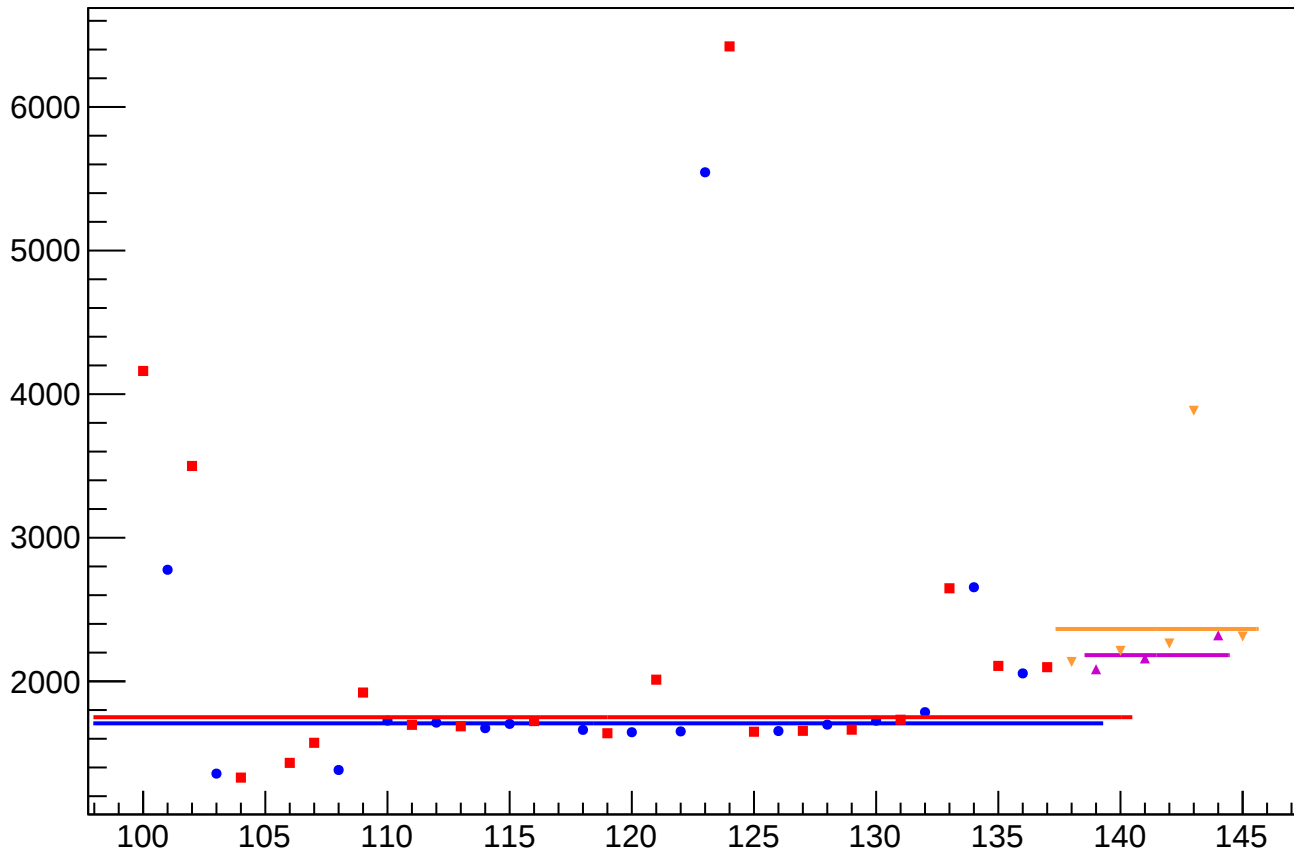
Right: 2582.696+/-479.575 χ^2/NDF : 27.3/35

In: 3110.252+/-605.835 χ^2/NDF : 6.6/19

Out: 2395.208+/-603.393 χ^2/NDF : 32.7/23

All: 2751.286+/-427.524 χ^2/NDF : 40.0/43

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 2182.409+/-0.978 χ^2/NDF : 9772.6/2

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

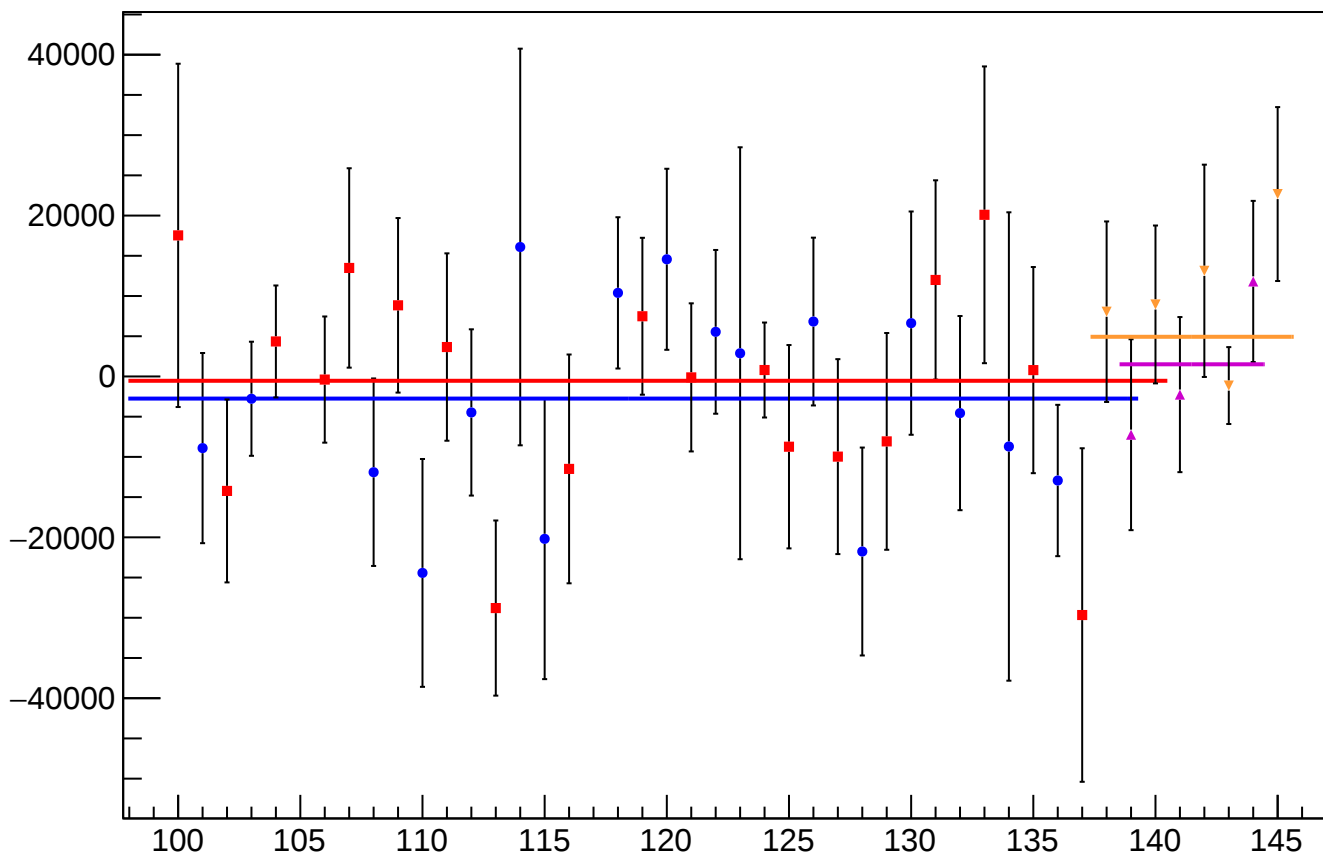
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

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

Out: 1884.449+/-0.427 χ^2/NDF : 1364478.6/23

All: 1841.654+/-0.302 χ^2/NDF : 2007229.1/43

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -538.445+/-2424.977 χ^2/NDF : 18.5/18

Left In: 1511.529+/-5994.167 χ^2/NDF : 1.8/2

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

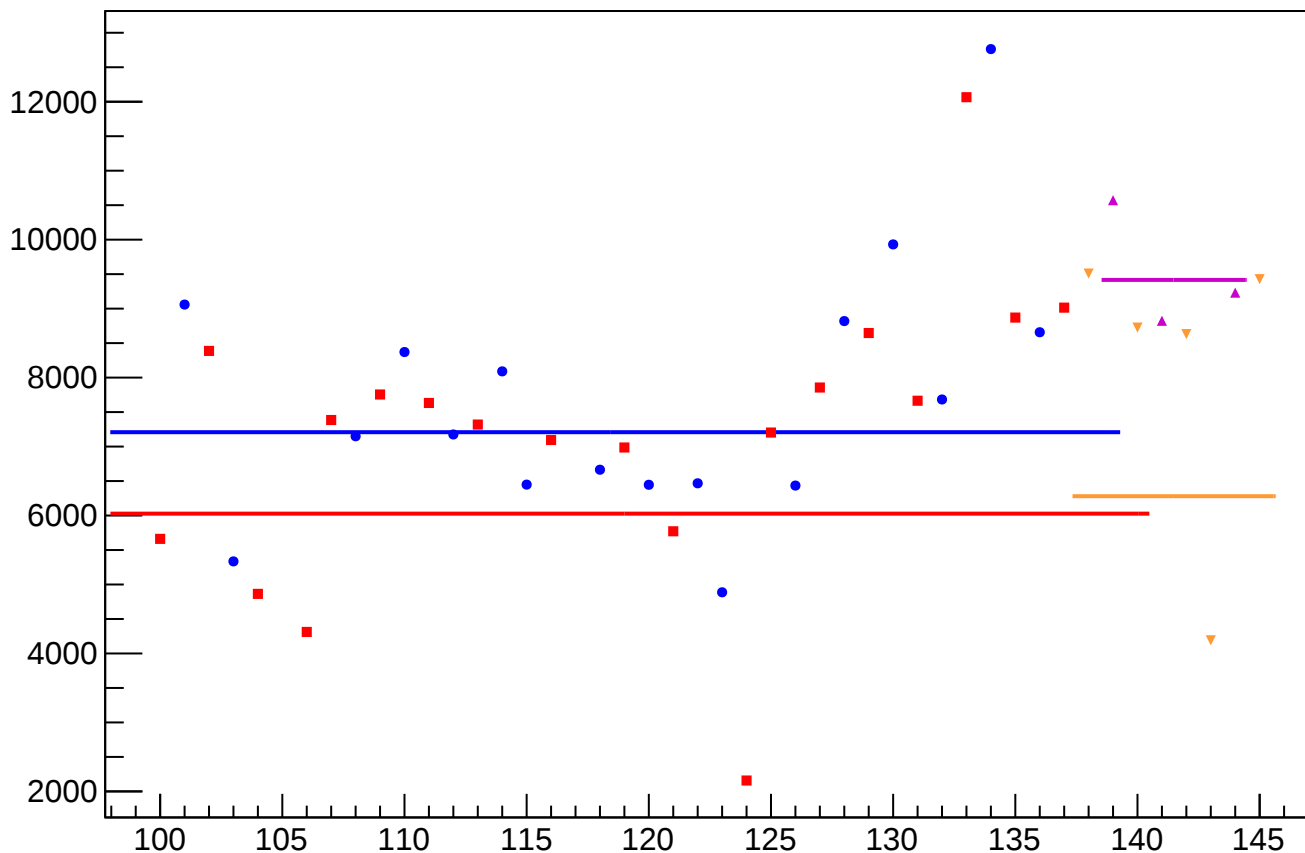
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

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

Out: 1157.130+/-2014.376 χ^2/NDF : 25.0/23

All: -33.241+/-1585.007 χ^2/NDF : 42.6/43

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

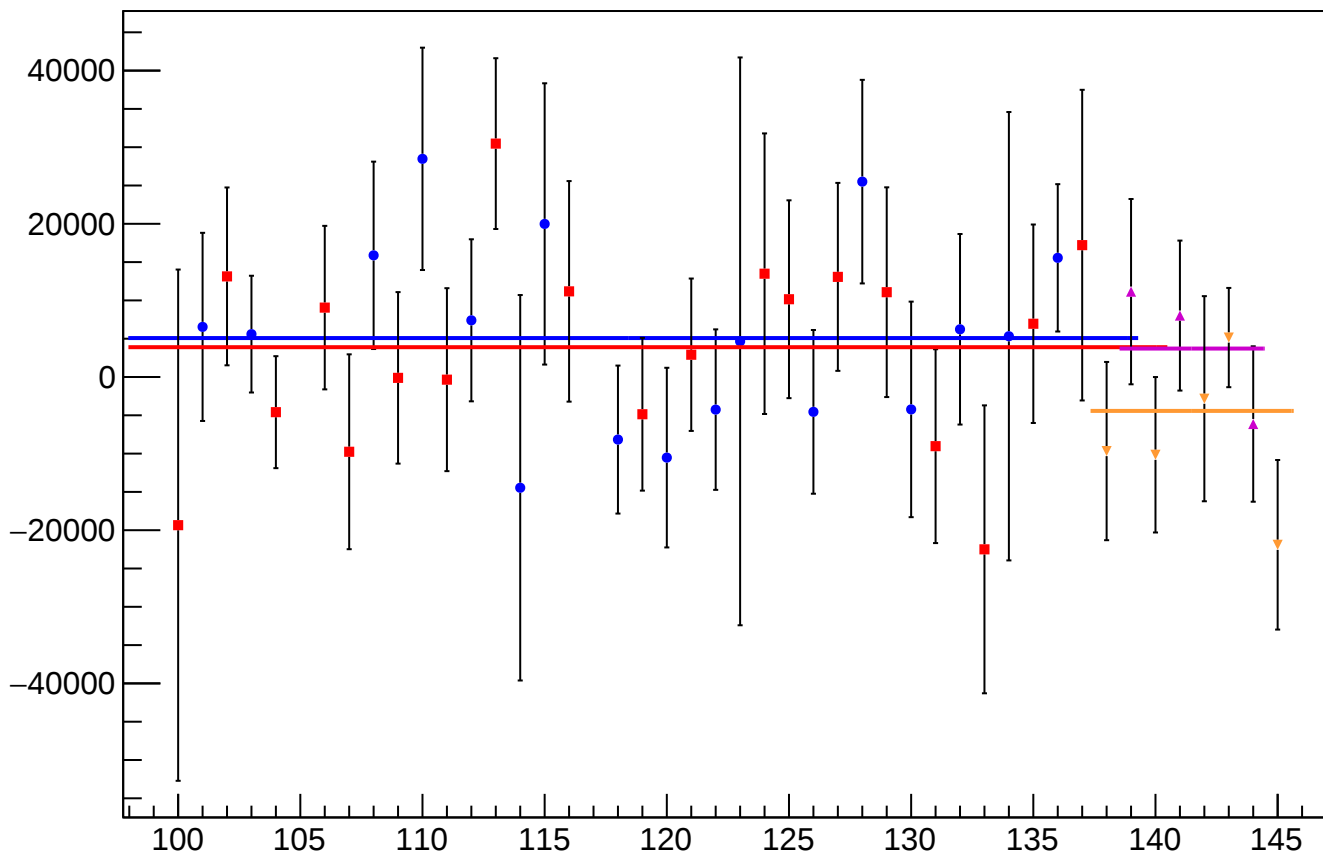
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

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

Out: 6105.797+/-1.424 χ^2/NDF : 2709517.0/23

All: 6680.109+/-1.121 χ^2/NDF : 3878880.5/43

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3713.410+/-6087.688 χ^2/NDF : 1.5/2

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

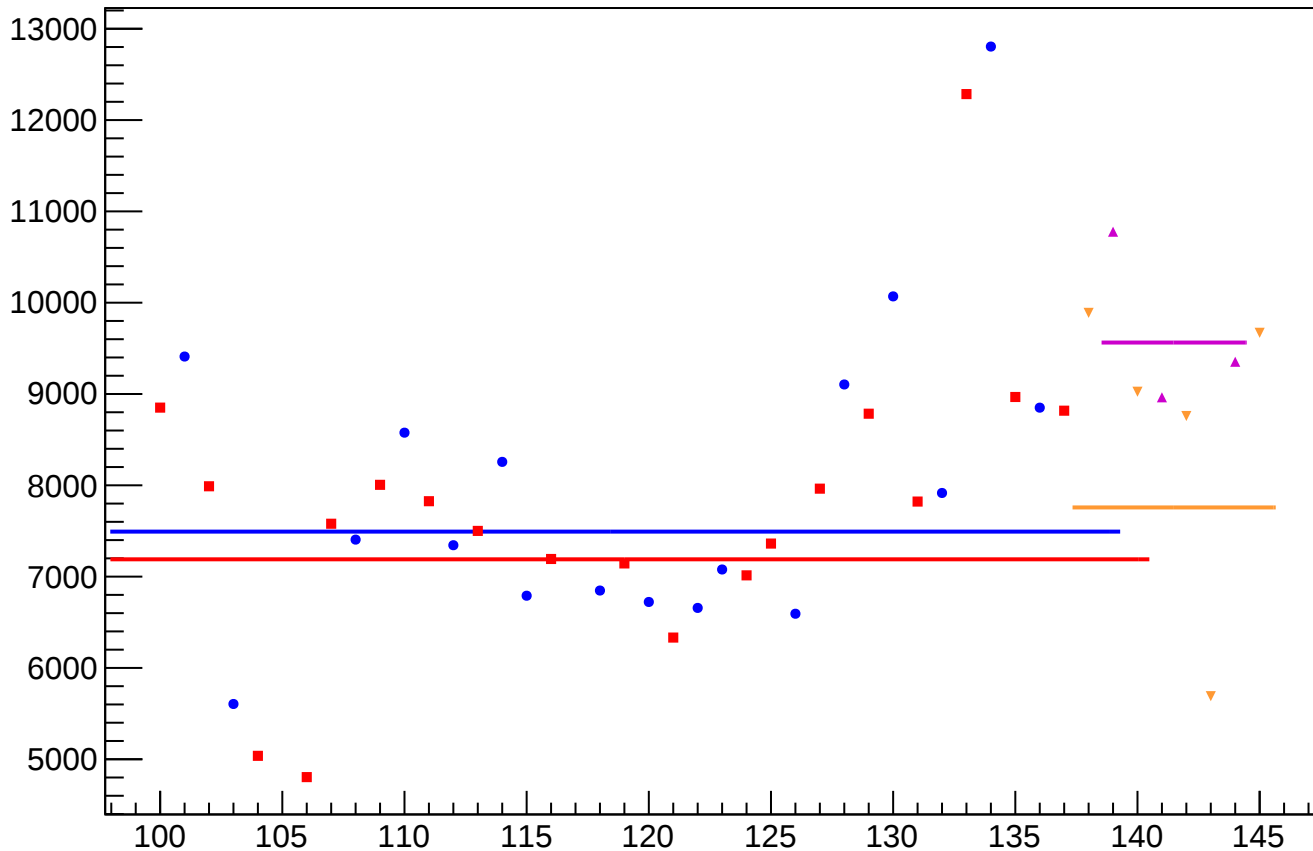
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

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

Out: 1408.861+/-2336.954 χ^2/NDF : 23.5/23

All: 2897.098+/-1755.223 χ^2/NDF : 40.0/43

asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

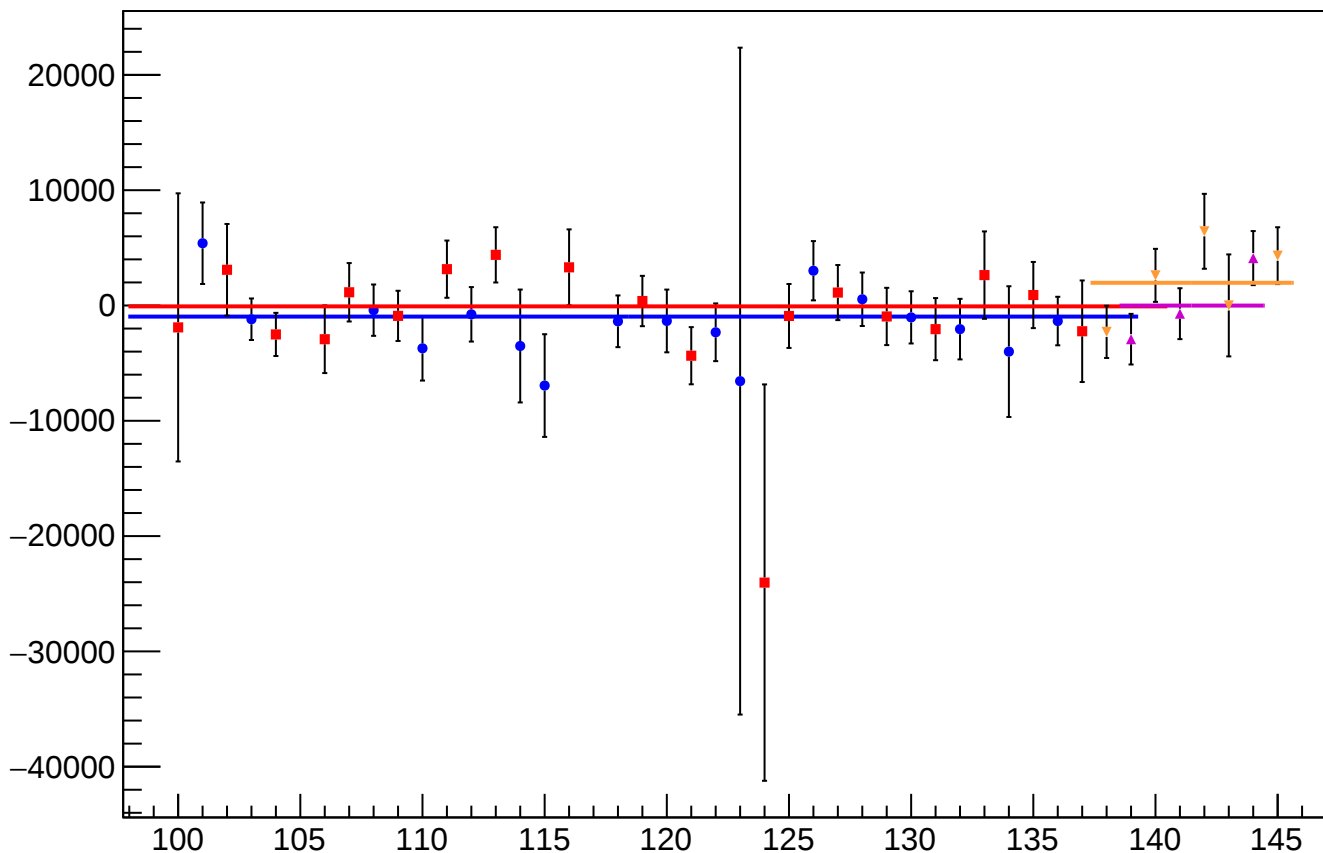
Right: 7332.491 $\pm$ 1.434 χ^2/NDF : 1009125.7/35

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

Out: 7359.090 $\pm$ 1.652 χ^2/NDF : 958439.6/23

All: 7589.527 $\pm$ 1.241 χ^2/NDF : 1655903.0/43

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -7.180 ± 1296.857 χ^2/NDF : 4.9/2

Left: 1057.938 ± 880.716 χ^2/NDF : 12.8/7

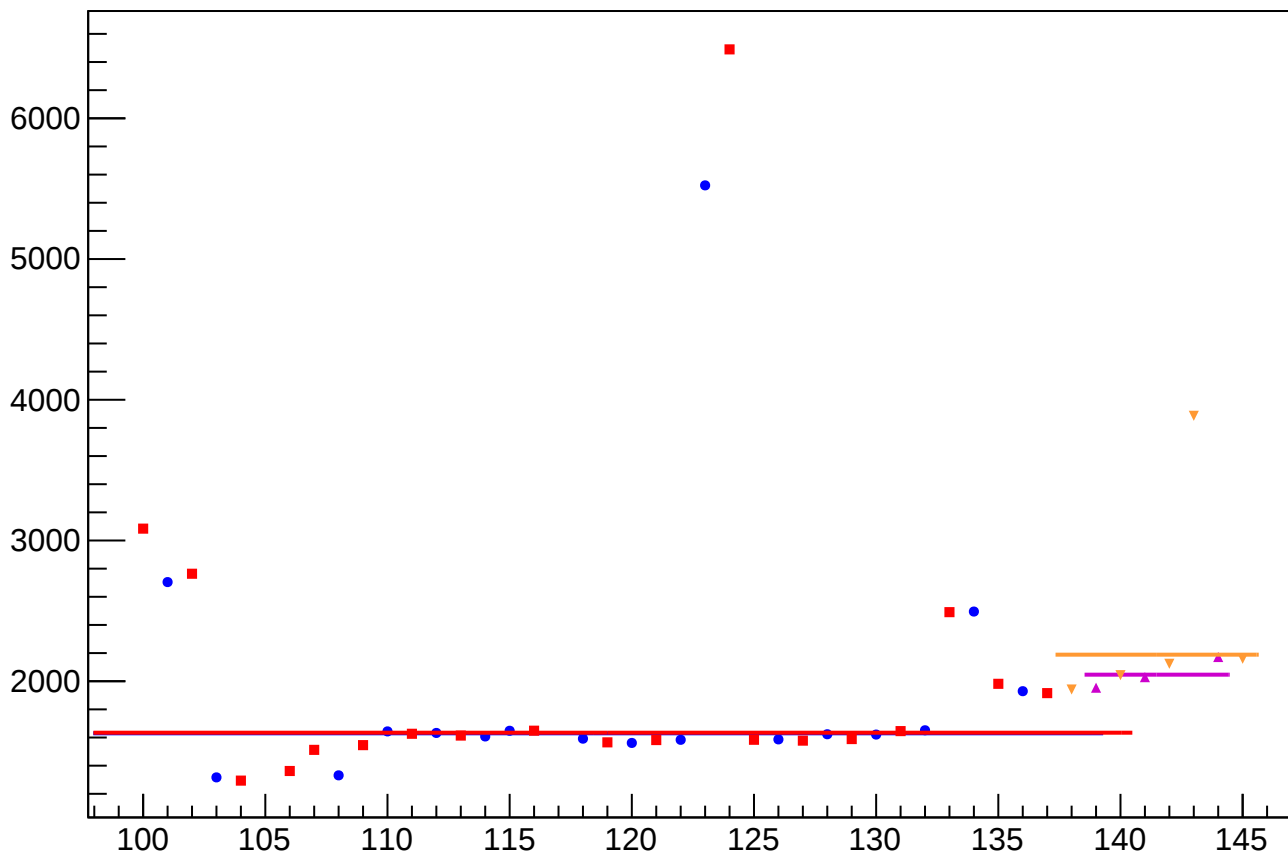
Right: -513.024 ± 451.276 χ^2/NDF : 27.8/35

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

Out: 369.349 ± 560.197 χ^2/NDF : 25.6/23

All: -186.339 ± 401.622 χ^2/NDF : 43.1/43

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 2046.590+/-0.917 χ^2/NDF : 9416.0/2

Left: 2123.173+/-0.623 χ^2/NDF : 349994.2/7

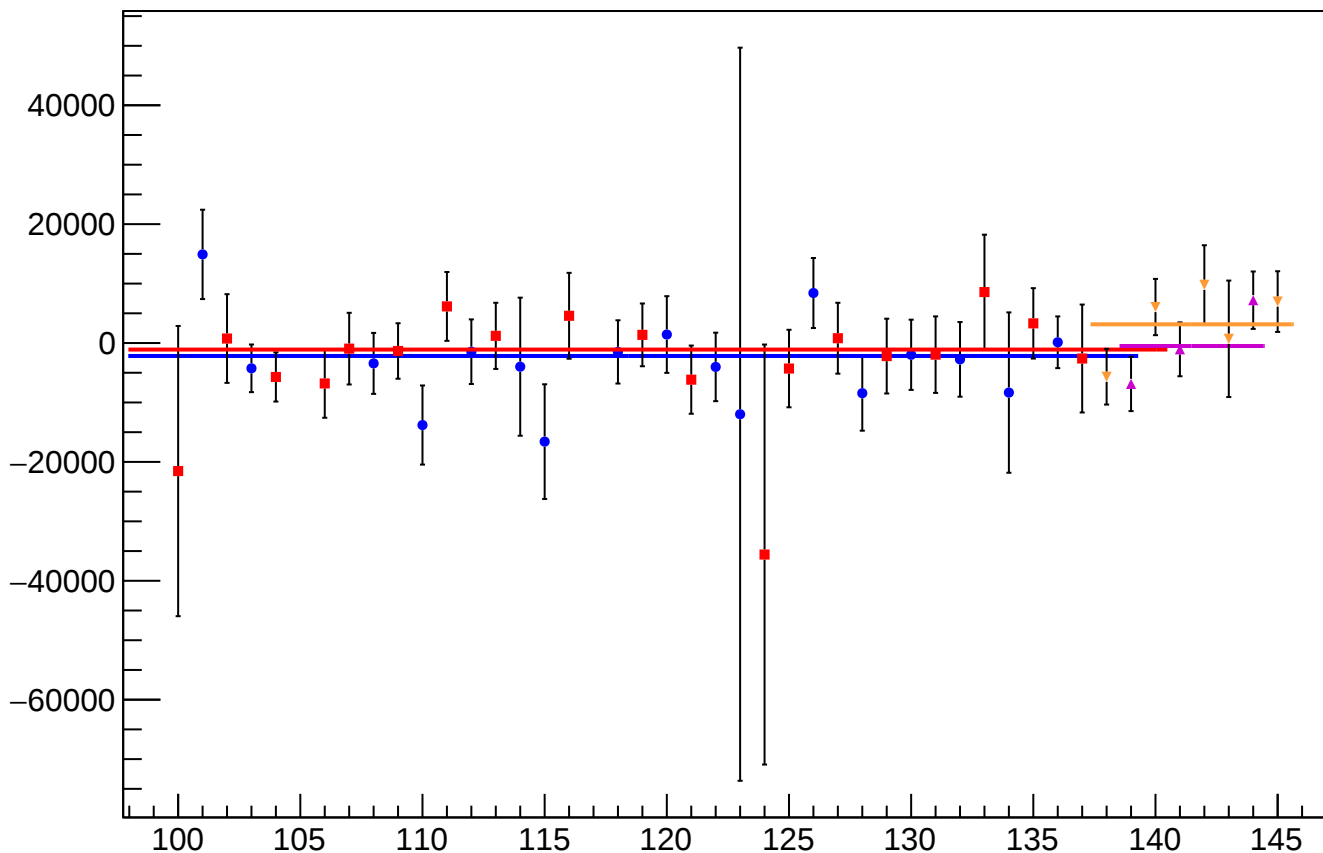
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1712.171+/-0.407 χ^2/NDF : 583257.0/19

Out: 1755.126+/-0.396 χ^2/NDF : 1250286.5/23

All: 1734.249+/-0.284 χ^2/NDF : 1839258.6/43

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -501.802 ± 2678.846 χ^2/NDF : 4.5/2

Left: 1456.829 ± 1822.732 χ^2/NDF : 11.0/7

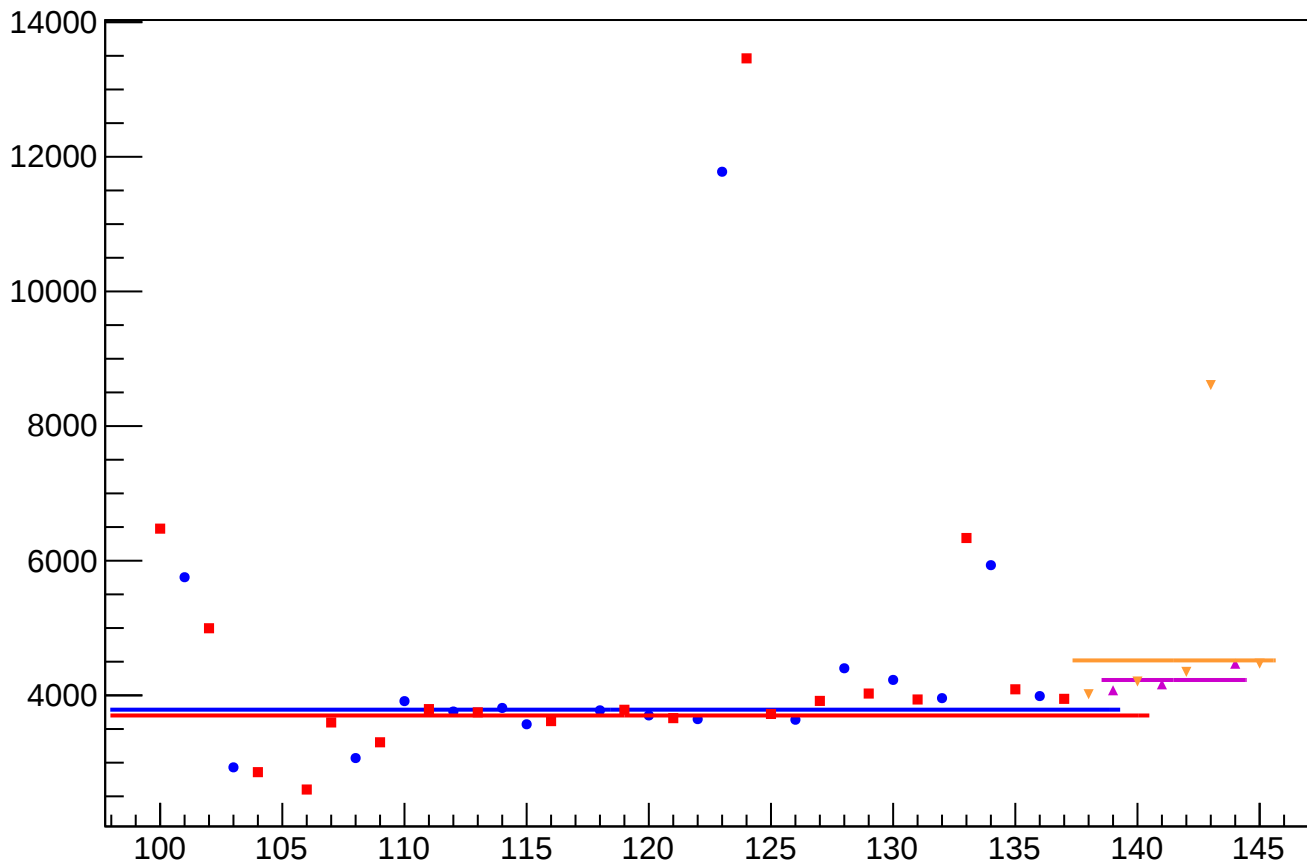
Right: -1619.192 ± 1036.406 χ^2/NDF : 25.5/35

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

Out: -33.219 ± 1246.097 χ^2/NDF : 17.0/23

All: -867.668 ± 900.948 χ^2/NDF : 38.7/43

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4228.210+/-1.894 χ^2/NDF : 7646.5/2

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

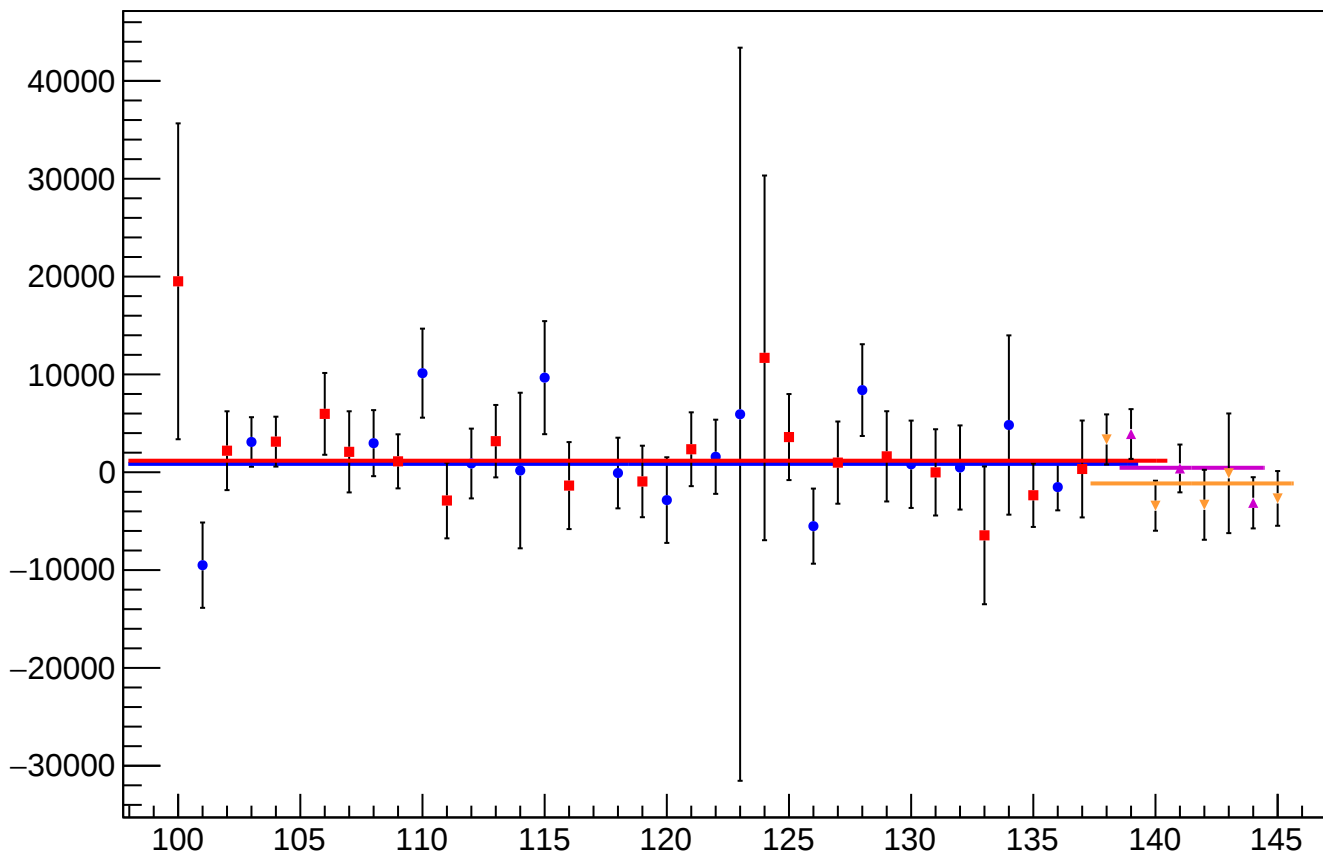
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3906.257+/-0.881 χ^2/NDF : 1125002.6/23

All: 3899.357+/-0.637 χ^2/NDF : 1566766.5/43

asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 455.735+/-1461.382 χ^2/NDF :3.7/2

Left: -400.283 ± 996.738 $\chi^2/\text{NDF}: 8.9/7$

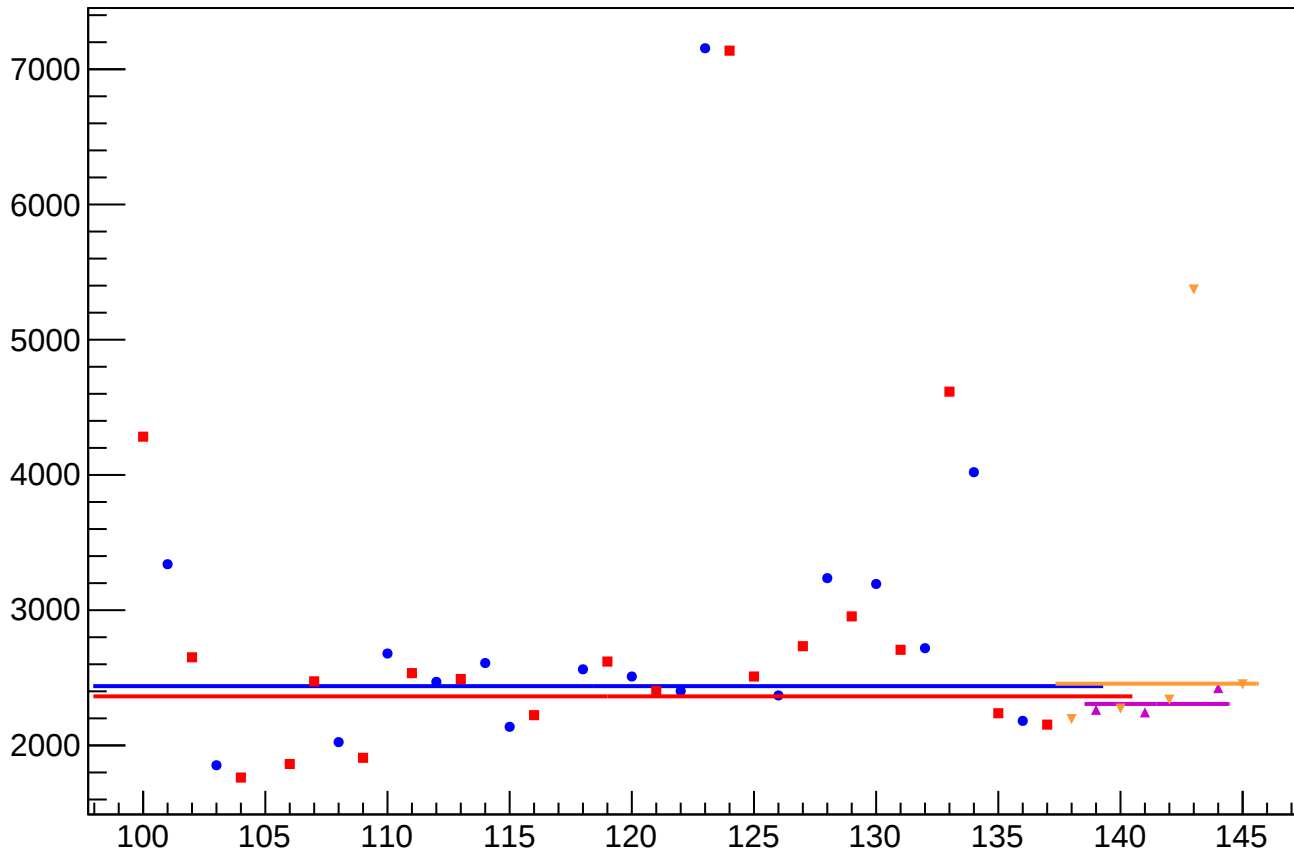
Right: 1023.765+/-667.934 χ^2/NDF : 29.3/35

In: 734.638+/-805.125 χ^2/NDF :24.4/19

Out: 444.792+/-765.759 χ^2/NDF :15.1/23

All: 582.456+/-554.868 χ^2 /NDF: 39.6/43

asym_at2_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 2362.739+/-0.655 χ^2/NDF : 657525.3/18

Left In: 2306.655+/-1.033 χ^2/NDF : 5894.1/2

Left: 2386.734+/-0.705 χ^2/NDF : 505055.3/7

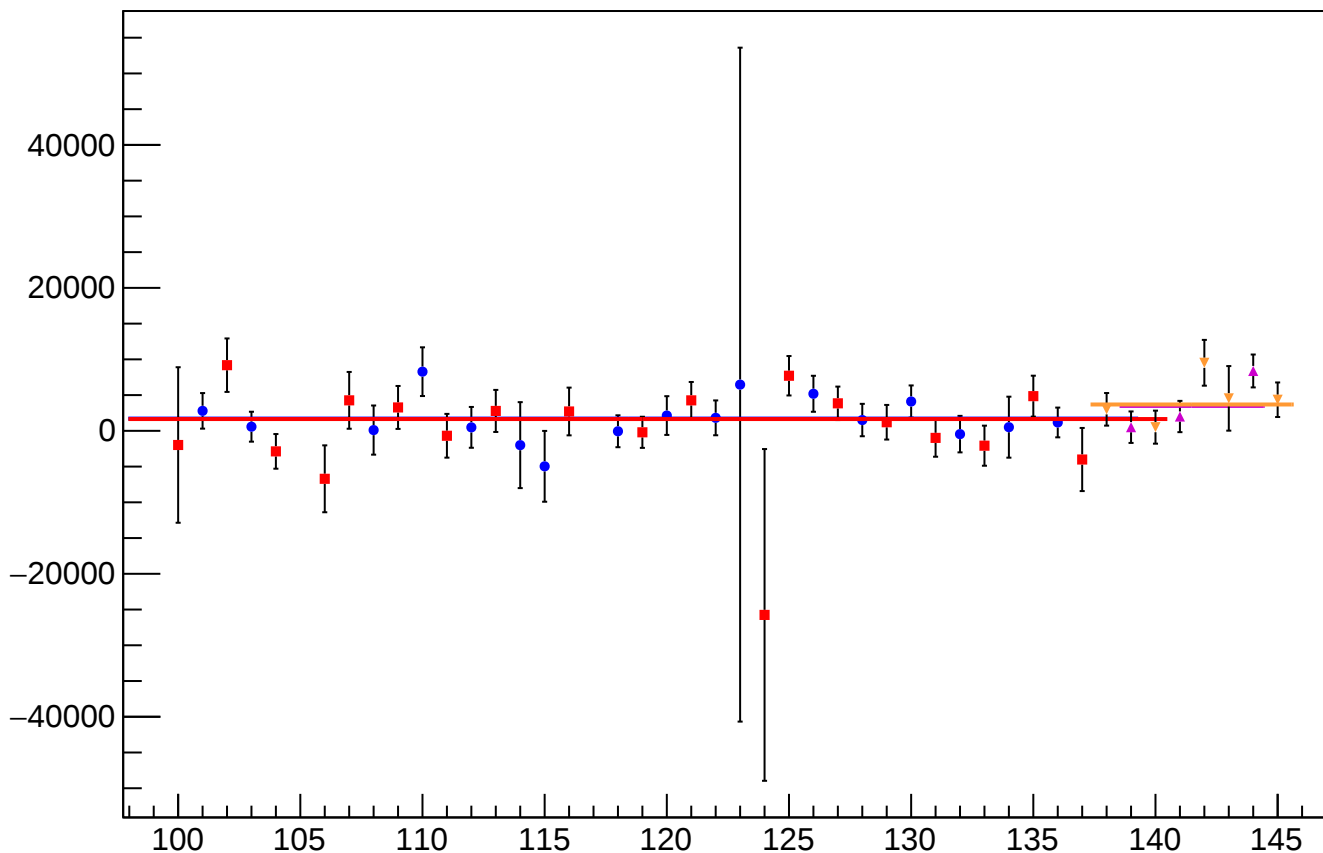
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2398.325+/-0.569 χ^2/NDF : 493916.8/19

Out: 2392.301+/-0.541 χ^2/NDF : 1151919.2/23

All: 2395.162+/-0.392 χ^2/NDF : 1645894.8/43

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3489.708+/-1286.740 χ^2/NDF : 6.8/2

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

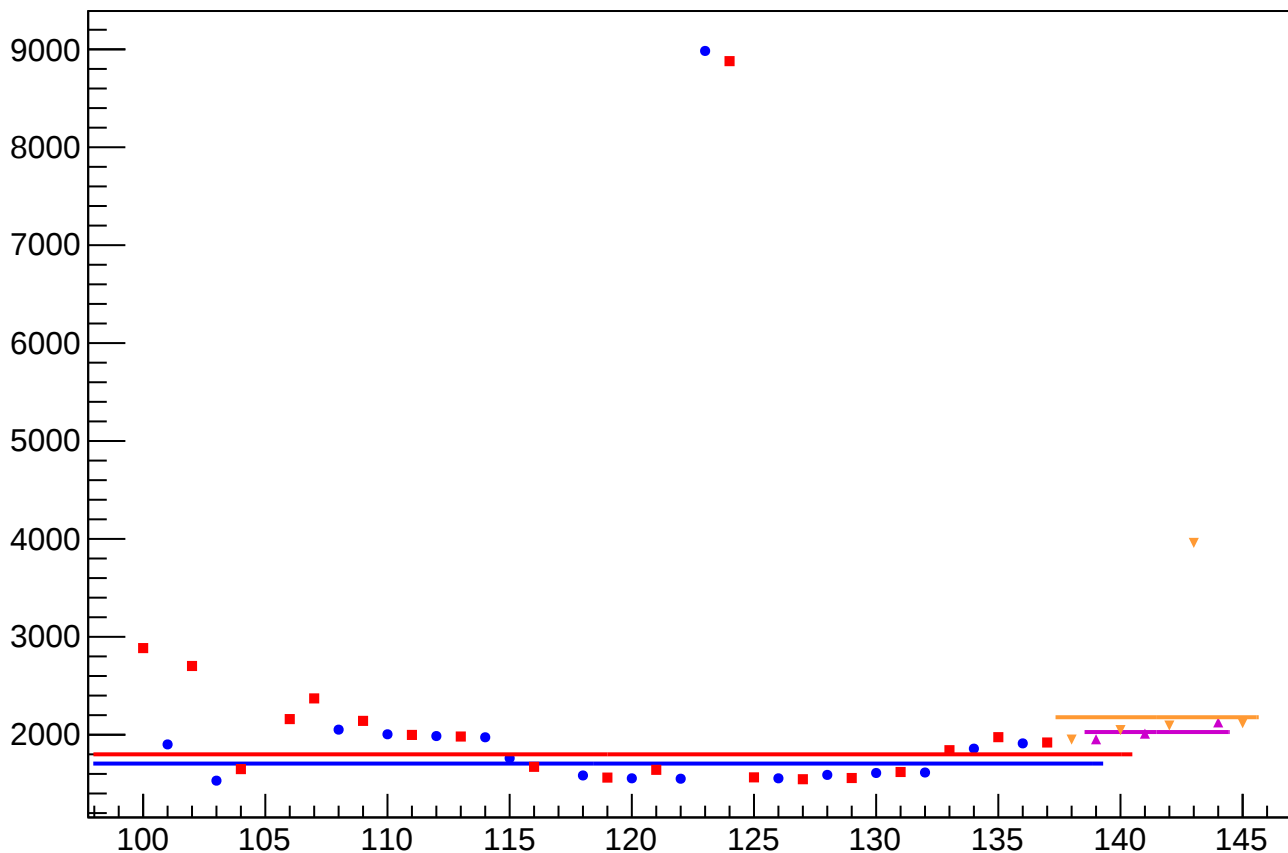
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

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

Out: 2162.773+/-600.642 χ^2/NDF : 34.5/23

All: 2125.412+/-421.729 χ^2/NDF : 54.2/43

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1799.992+/-0.490 χ^2/NDF : 538779.9/18

Left In: 2027.645+/-0.910 χ^2/NDF : 6033.5/2

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

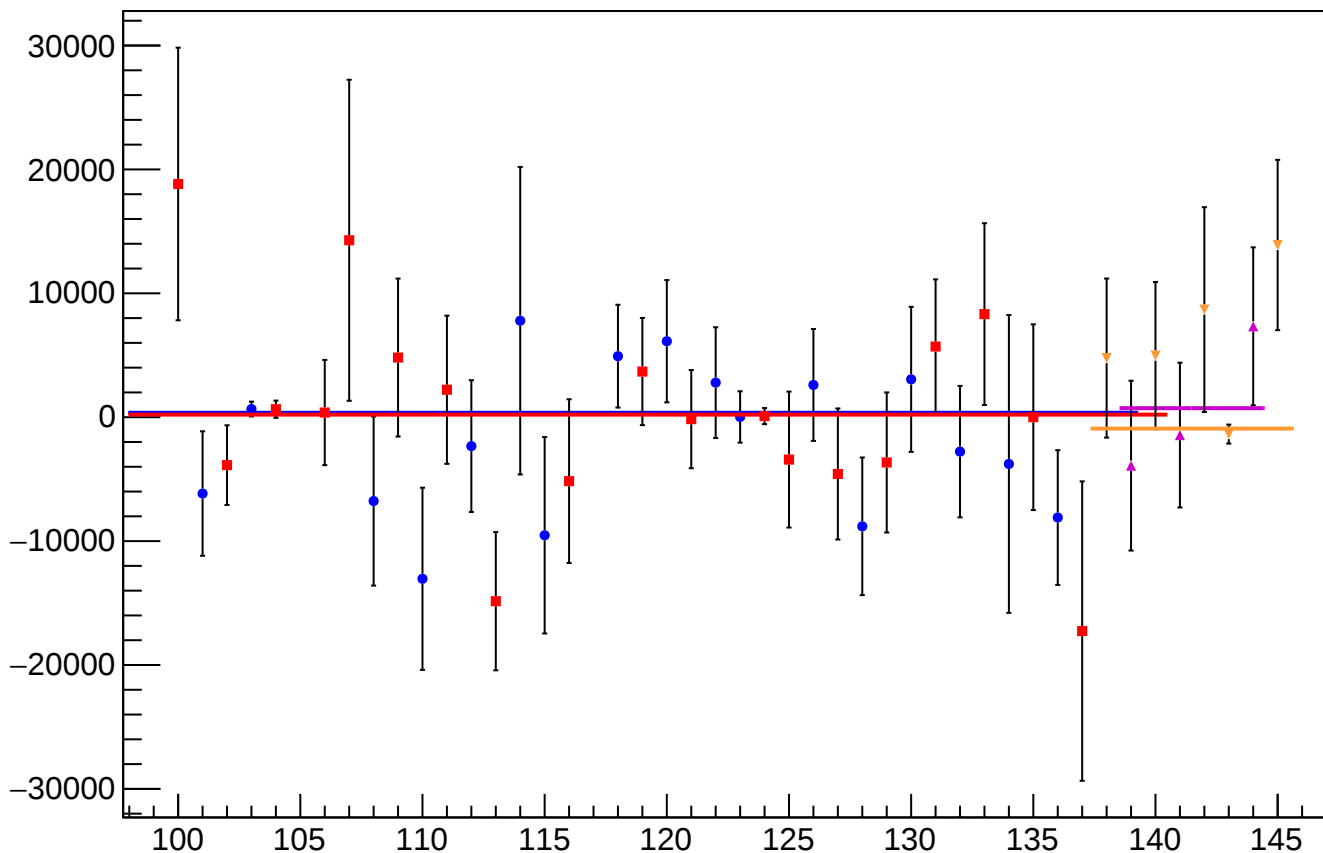
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

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

Out: 1894.975+/-0.424 χ^2/NDF : 1028505.4/23

All: 1833.662+/-0.298 χ^2/NDF : 1368740.9/43

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

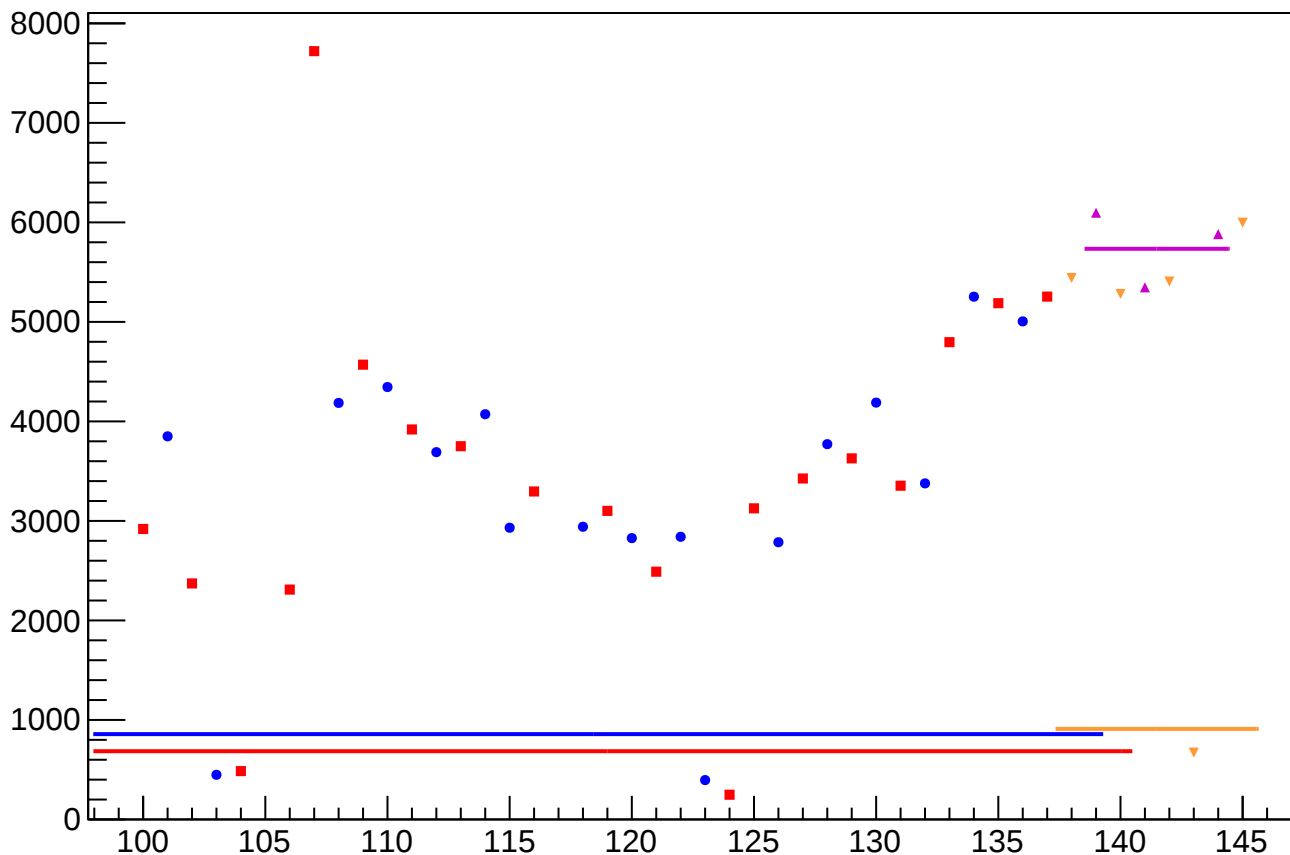
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

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

Out: -86.854 $\pm$ 383.332 χ^2 /NDF:31.2/23

All: 69.195 $\pm$ 310.120 χ^2 /NDF: 50.8/43

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

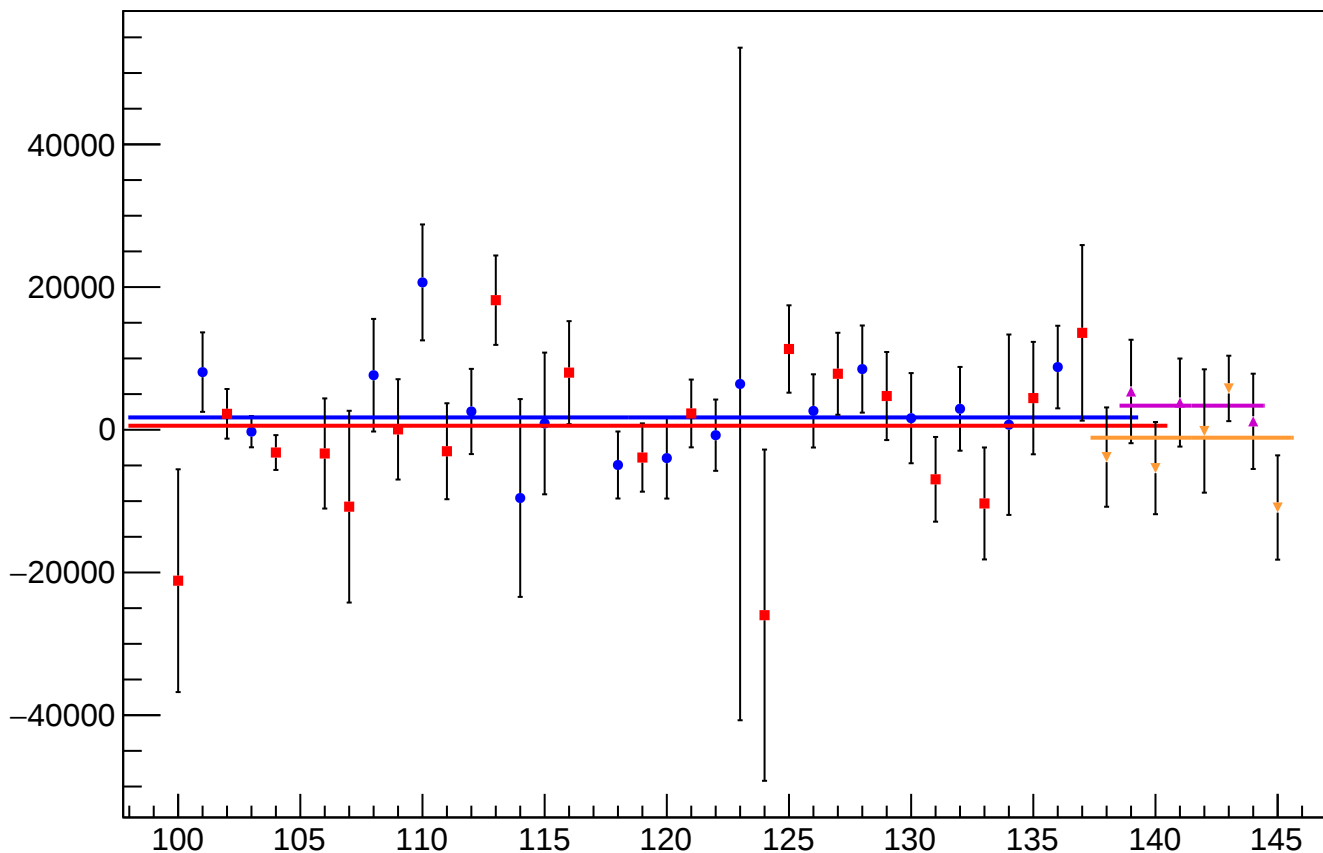
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

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

Out: 744.885+/-0.271 χ^2/NDF : 13554409.2/23

All: 819.054+/-0.219 χ^2/NDF : 25464173.5/43

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3379.508+/-3842.914 χ^2/NDF : 0.2/2

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

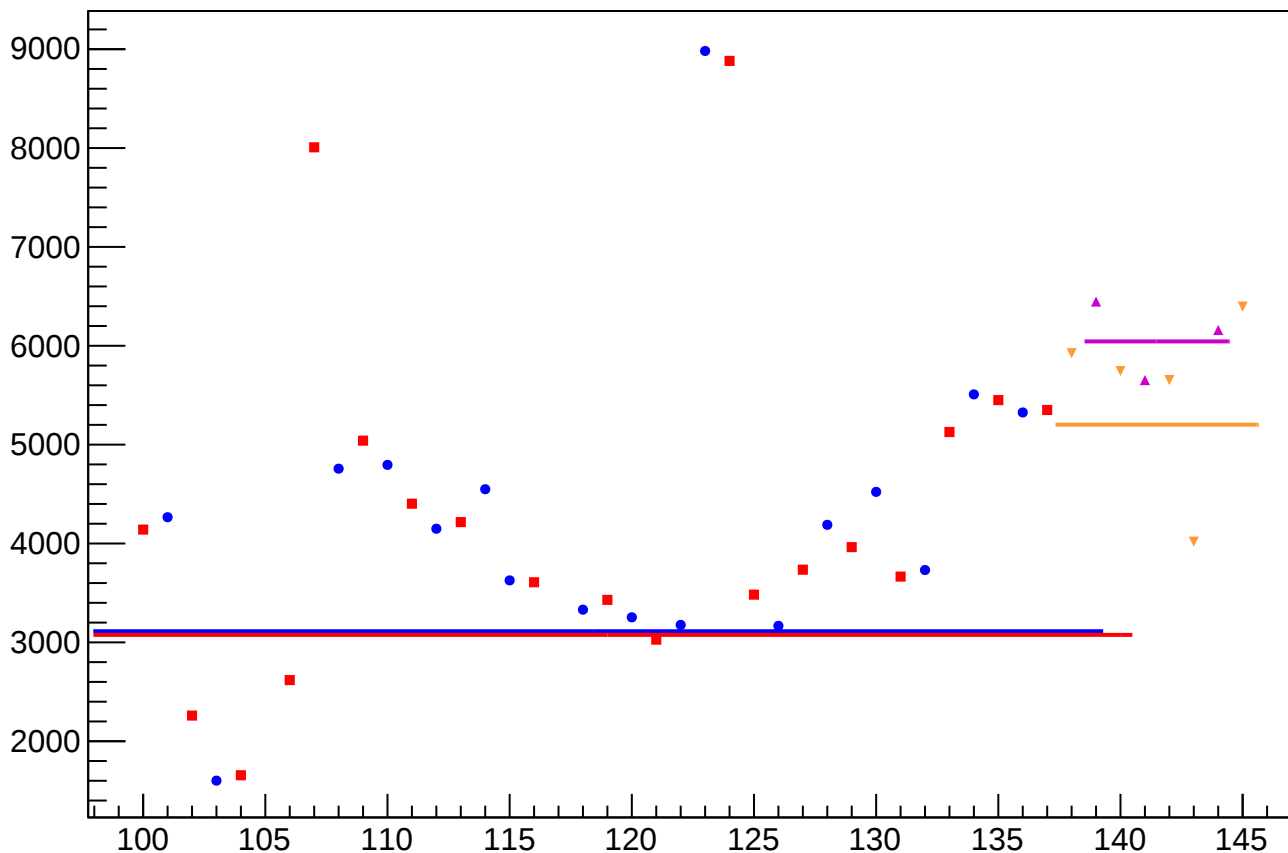
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 280.805+/-1171.492 χ^2/NDF : 32.0/23

All: 1049.073+/-850.052 χ^2/NDF : 48.2/43

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 3075.702+/-0.896 χ^2/NDF : 2011000.5/18

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

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

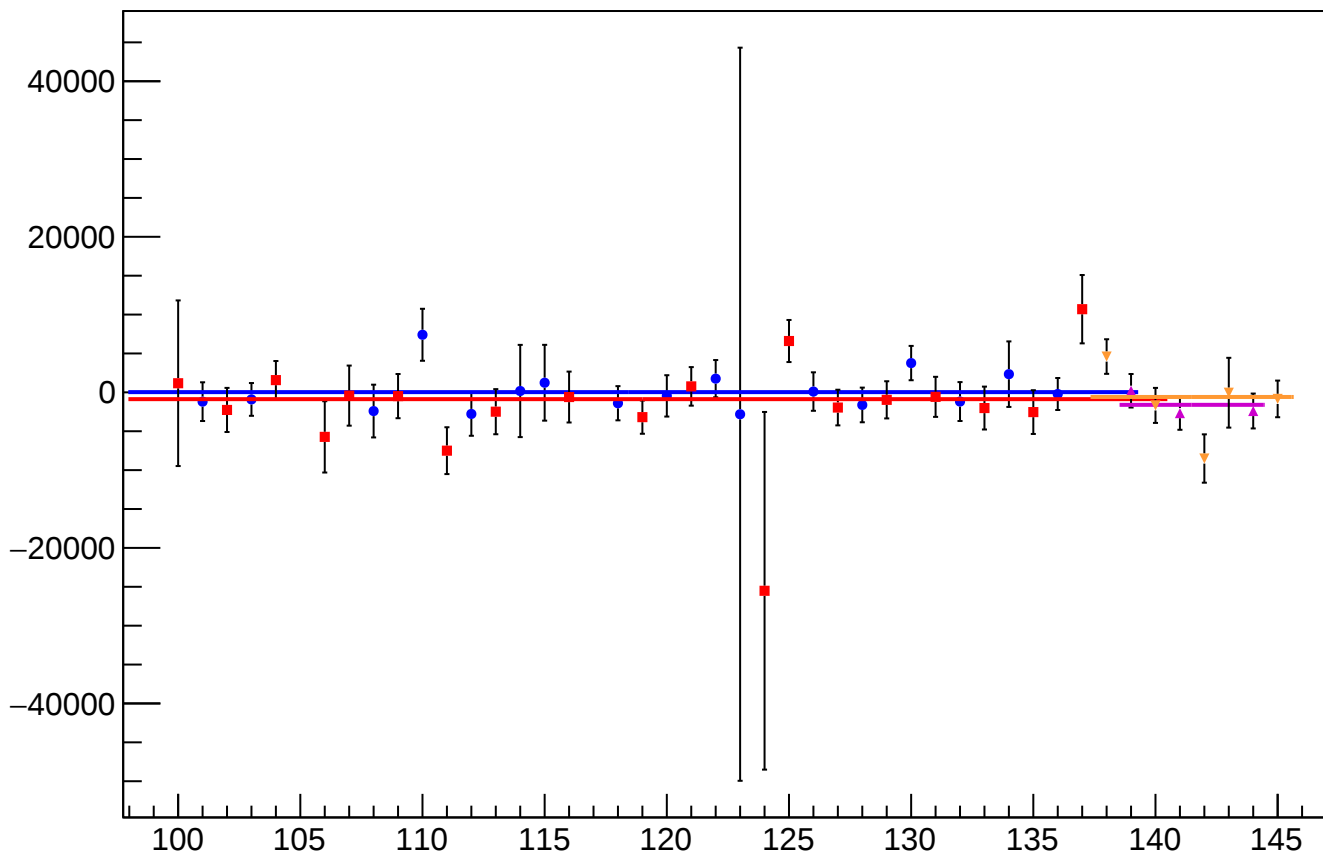
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

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

Out: 3429.660+/-0.818 χ^2/NDF : 3175498.9/23

All: 3423.095+/-0.597 χ^2/NDF : 6118484.0/43

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1605.477 ± 1257.688 χ^2/NDF : 1.1/2

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

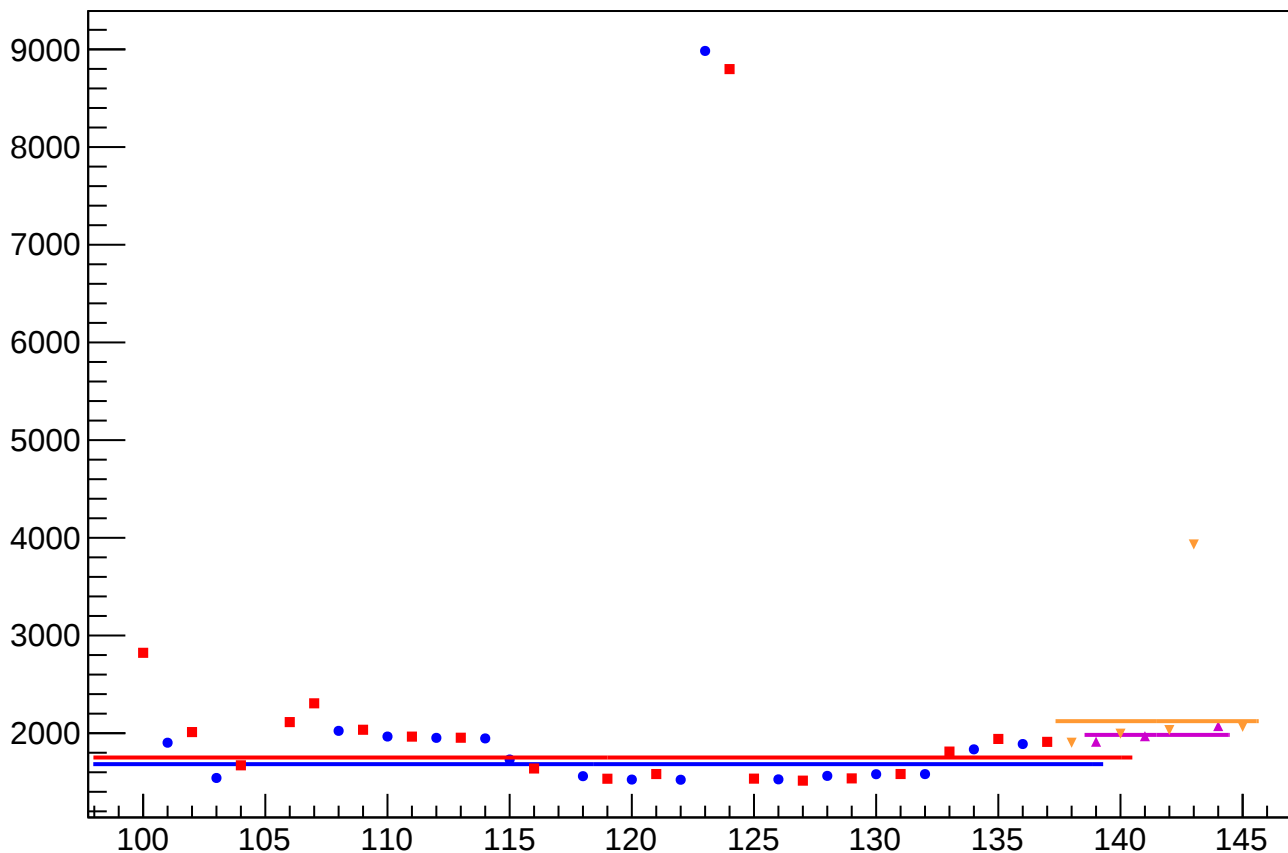
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

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

Out: -804.614 ± 583.321 χ^2/NDF : 37.9/23

All: -563.553 ± 412.465 χ^2/NDF : 52.5/43

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1982.636+/-0.889 χ^2/NDF : 5431.5/2

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

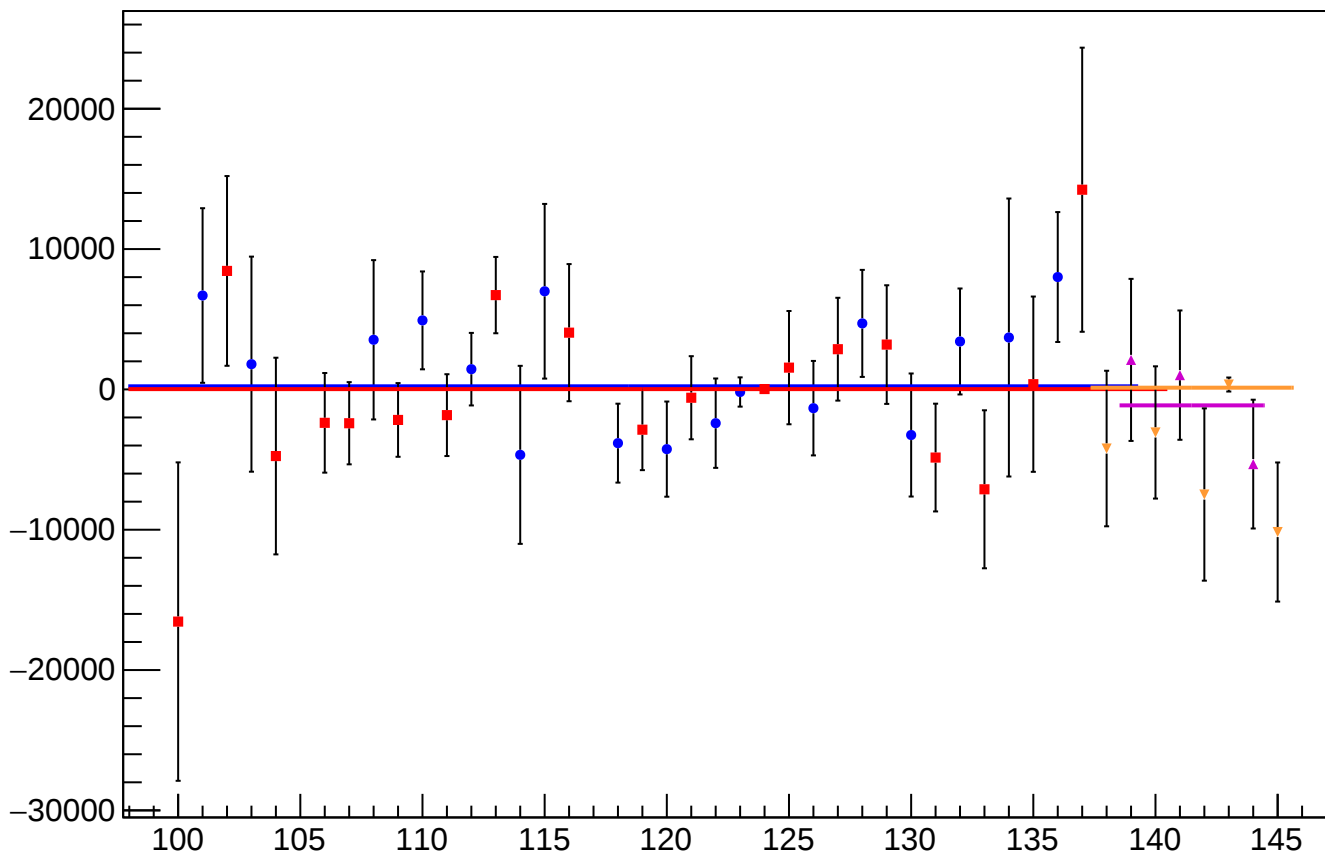
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1843.561+/-0.412 χ^2/NDF : 933667.7/23

All: 1795.634+/-0.291 χ^2/NDF : 1251120.3/43

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

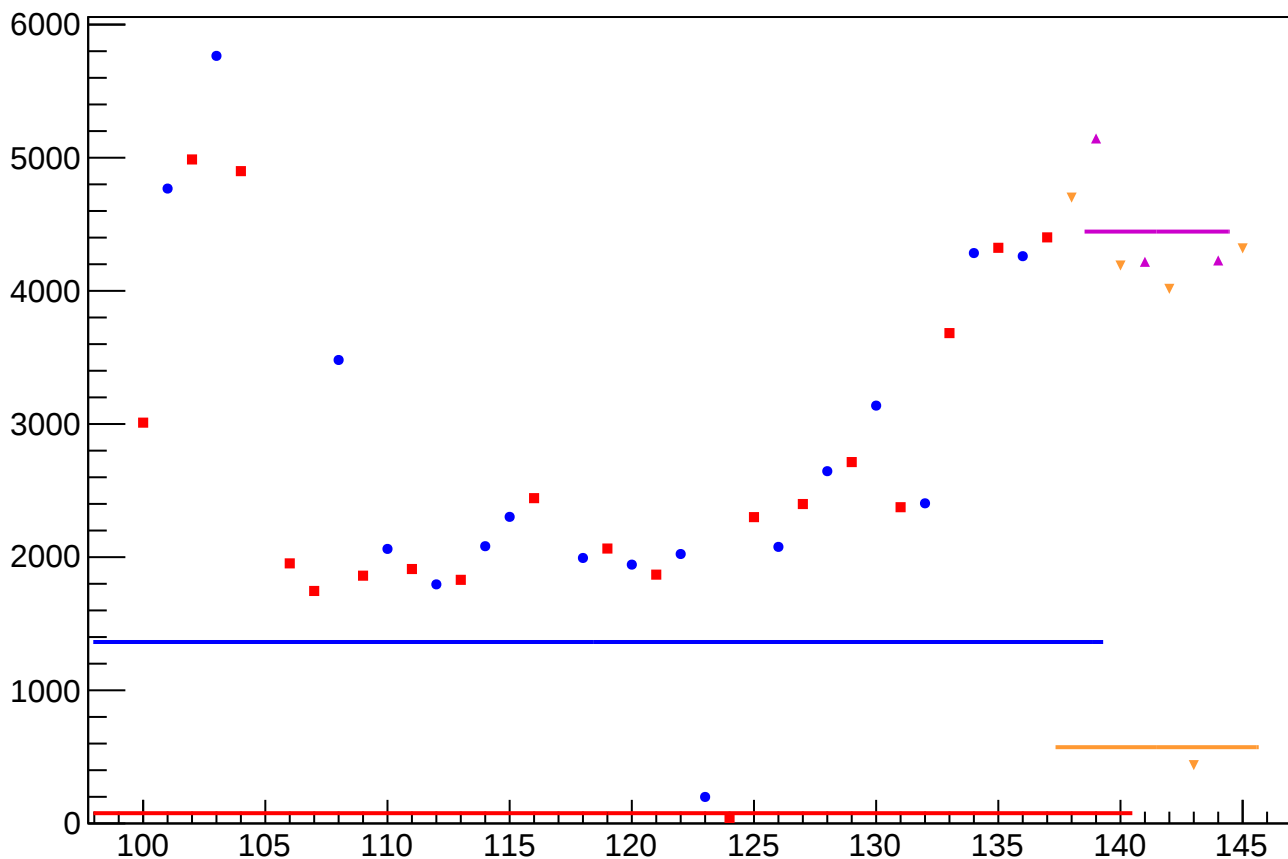
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

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

Out: 25.487 $\pm$ 111.160 χ^2 /NDF:27.9/23

All: 28.246 $\pm$ 109.779 χ^2 /NDF: 45.3/43

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 685.484 $\pm$ 0.342 χ^2/NDF : 7870968.6/7

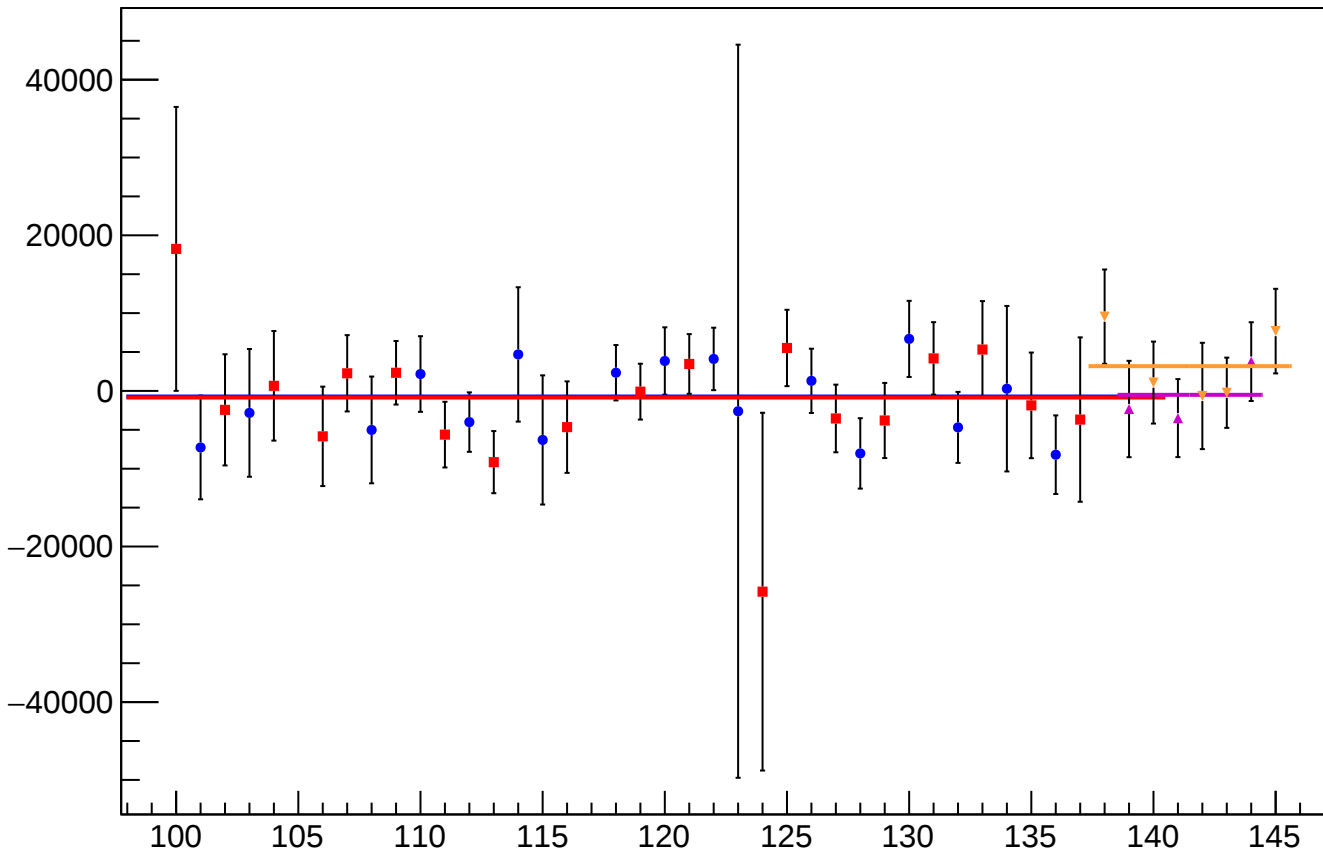
Right: 108.564 $\pm$ 0.080 χ^2/NDF : 25689718.3/35

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

Out: 102.585 $\pm$ 0.079 χ^2/NDF : 19390642.1/23

All: 138.328 $\pm$ 0.078 χ^2/NDF : 36263330.9/43

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -503.974+/-3087.552 $\chi^2/\text{NDF}: 1.2/2$

Left: 1762.406 ± 1915.587 $\chi^2/\text{NDF}: 4.9/7$

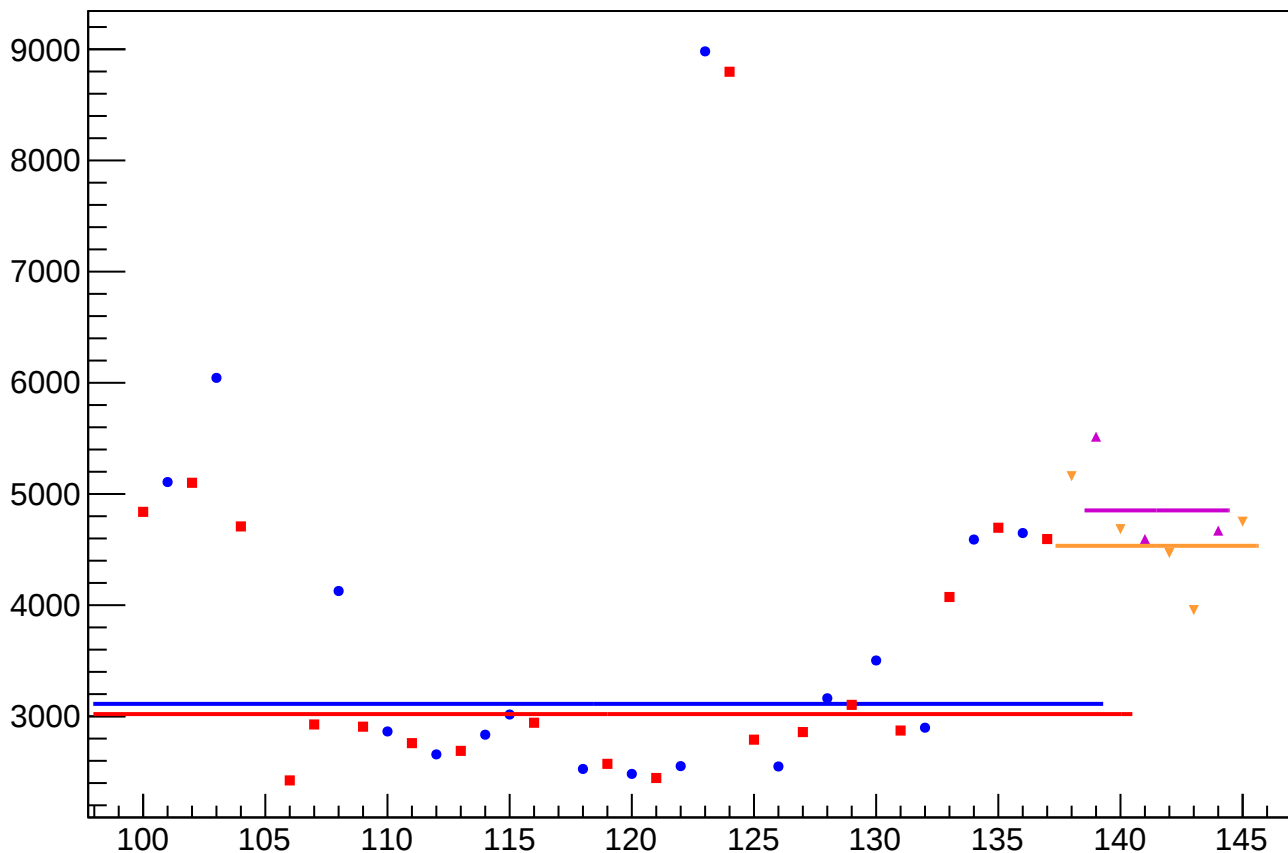
Right: -788.845 ± 863.438 χ^2/NDF : 30.8/35

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

Out: -74.647+/-1071.173 χ^2/NDF :21.0/23

All: -358.035 ± 787.169 χ^2/NDF : 37.1/43

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4533.852+/-1.727 χ^2/NDF : 59172.1/4

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

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

Left: 4656.424+/-1.355 χ^2/NDF : 103040.2/7

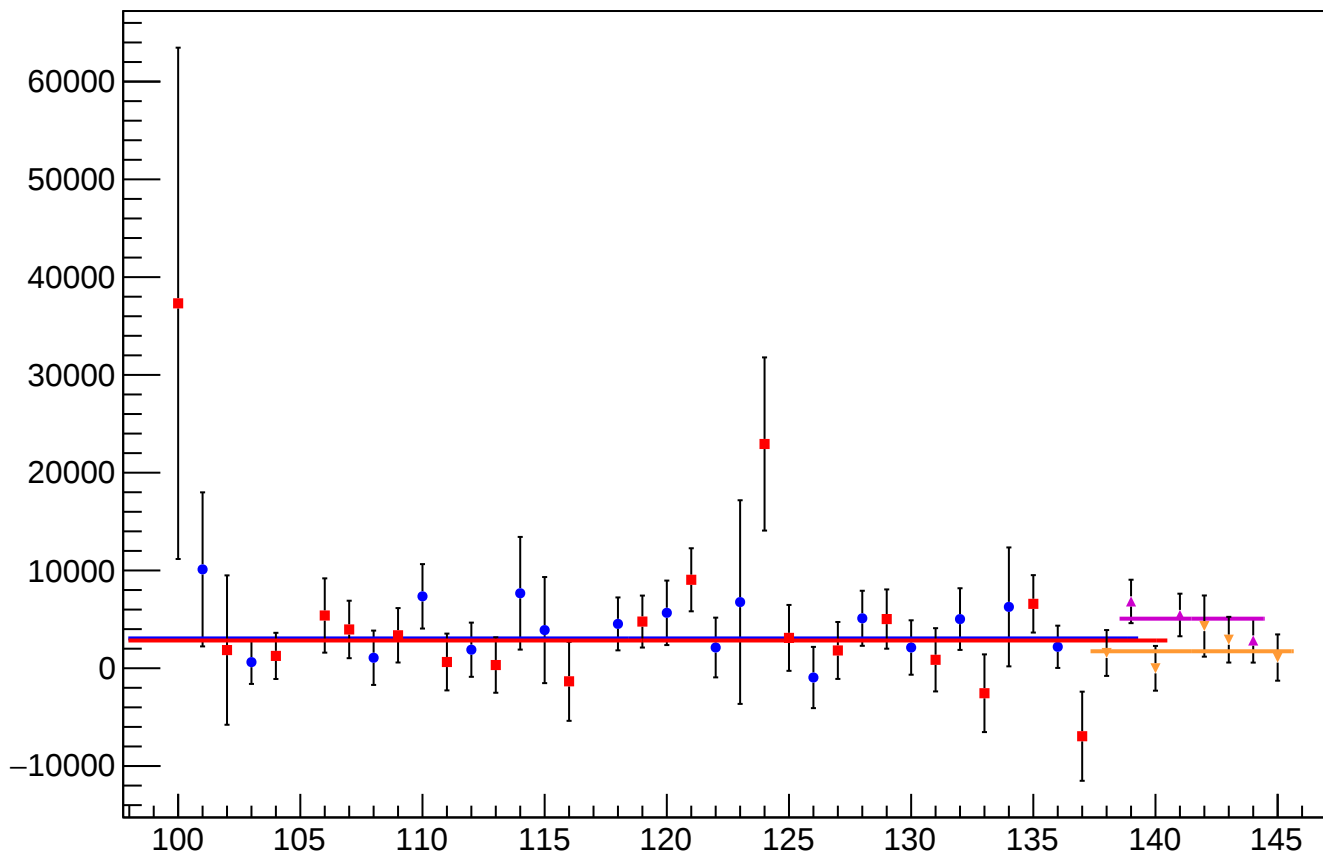
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

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

Out: 3305.596+/-0.750 χ^2/NDF : 1476584.3/23

All: 3329.490+/-0.554 χ^2/NDF : 3013556.8/43

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1736.674 $\pm$ 1093.280 χ^2/NDF : 1.6/4

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

Left In: 5070.030 $\pm$ 1280.677 χ^2/NDF : 1.6/2

Left: 3141.852 $\pm$ 831.504 χ^2/NDF : 7.1/7

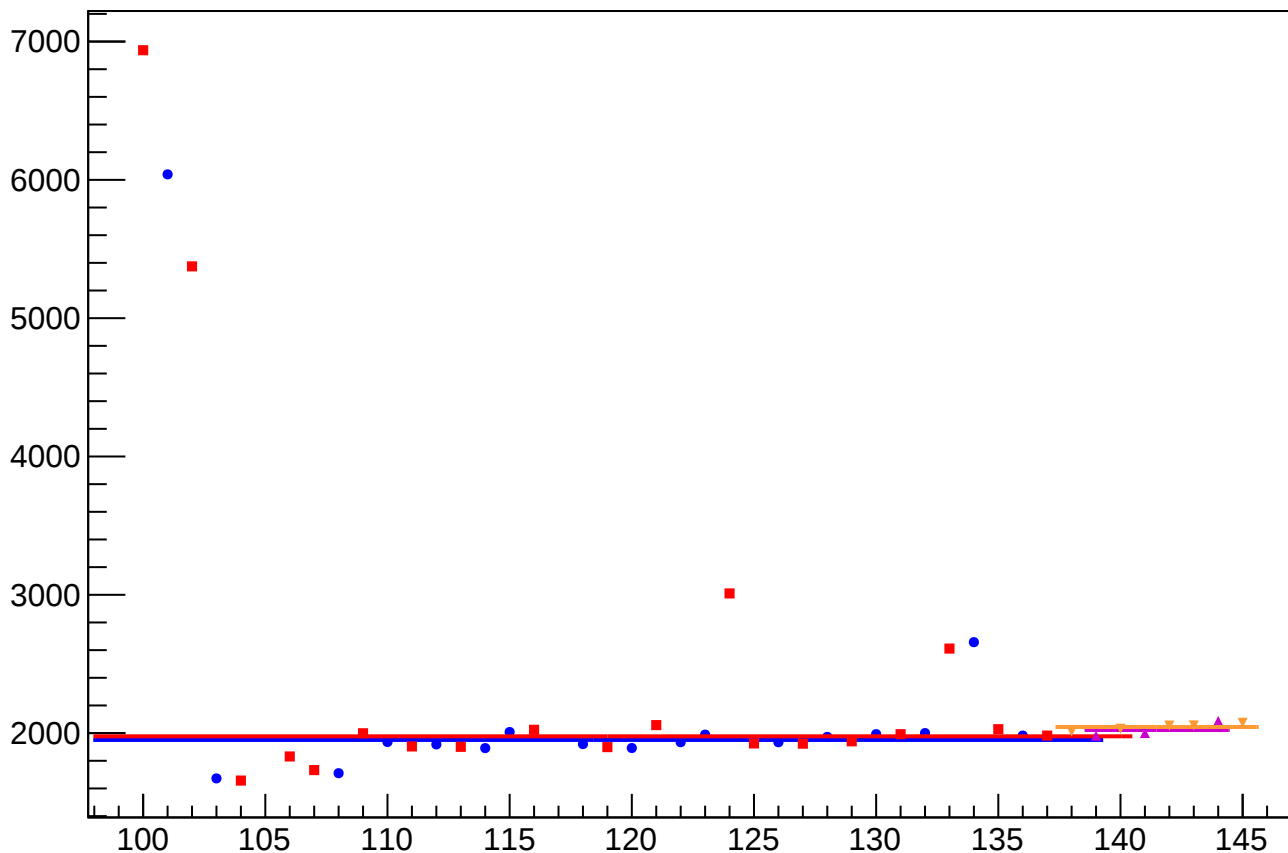
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

In: 3588.047 $\pm$ 661.366 χ^2/NDF : 12.8/19

Out: 2475.932 $\pm$ 627.278 χ^2/NDF : 26.0/23

All: 3002.592 $\pm$ 455.126 χ^2/NDF : 40.3/43

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2044.299+/-0.773 χ^2/NDF :858.3/4

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

Left In: 2022.476+/-0.906 χ^2/NDF :2554.9/2

Left: 2035.100+/-0.588 χ^2/NDF : 3749.1/7

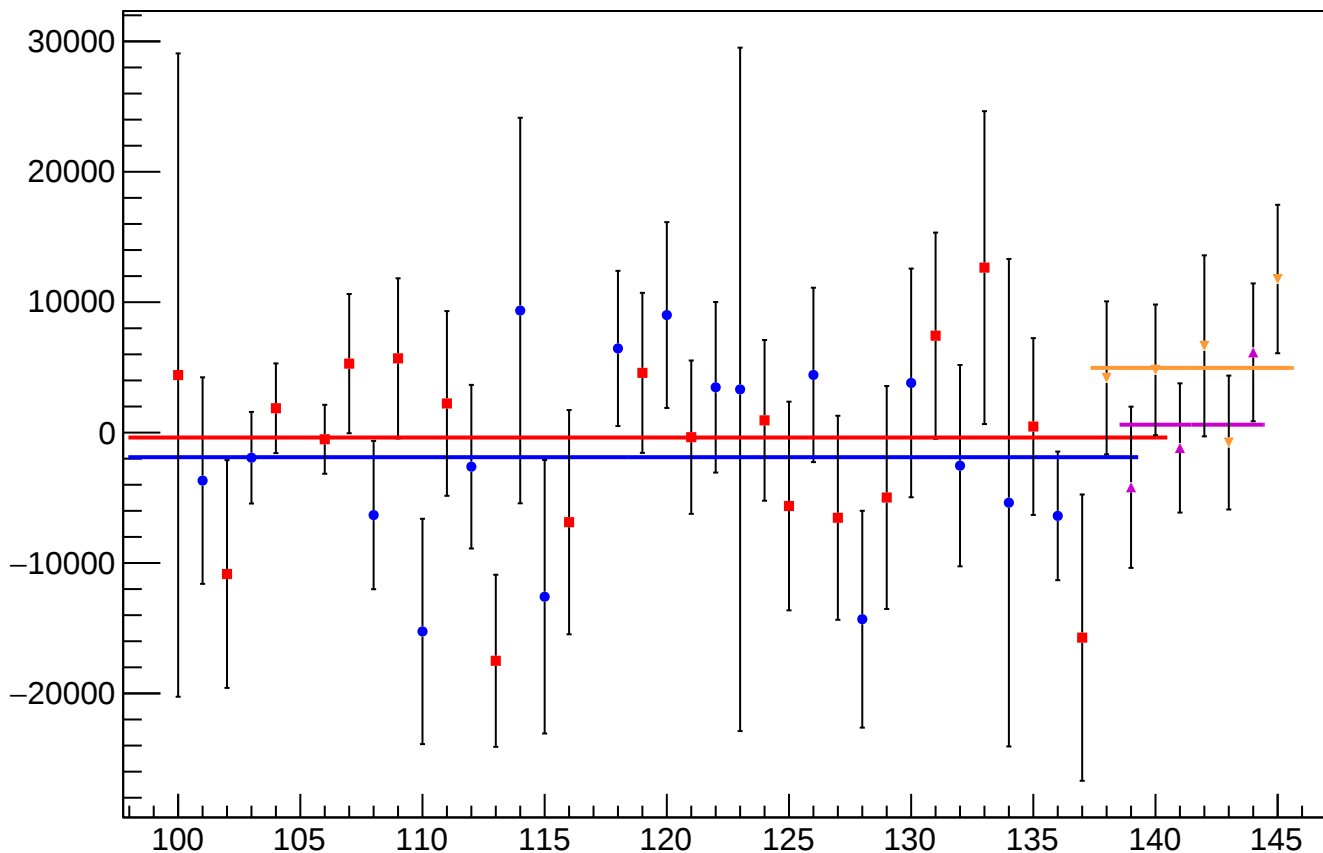
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1969.836+/-0.468 χ^2/NDF :622328.1/19

Out: 1999.123+/-0.443 χ^2/NDF :613653.5/23

All: 1985.260+/-0.322 χ^2/NDF : 1238047.1/43

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

Left: 3249.515 $\pm$ 1956.946 χ^2 /NDF: 5.8/7

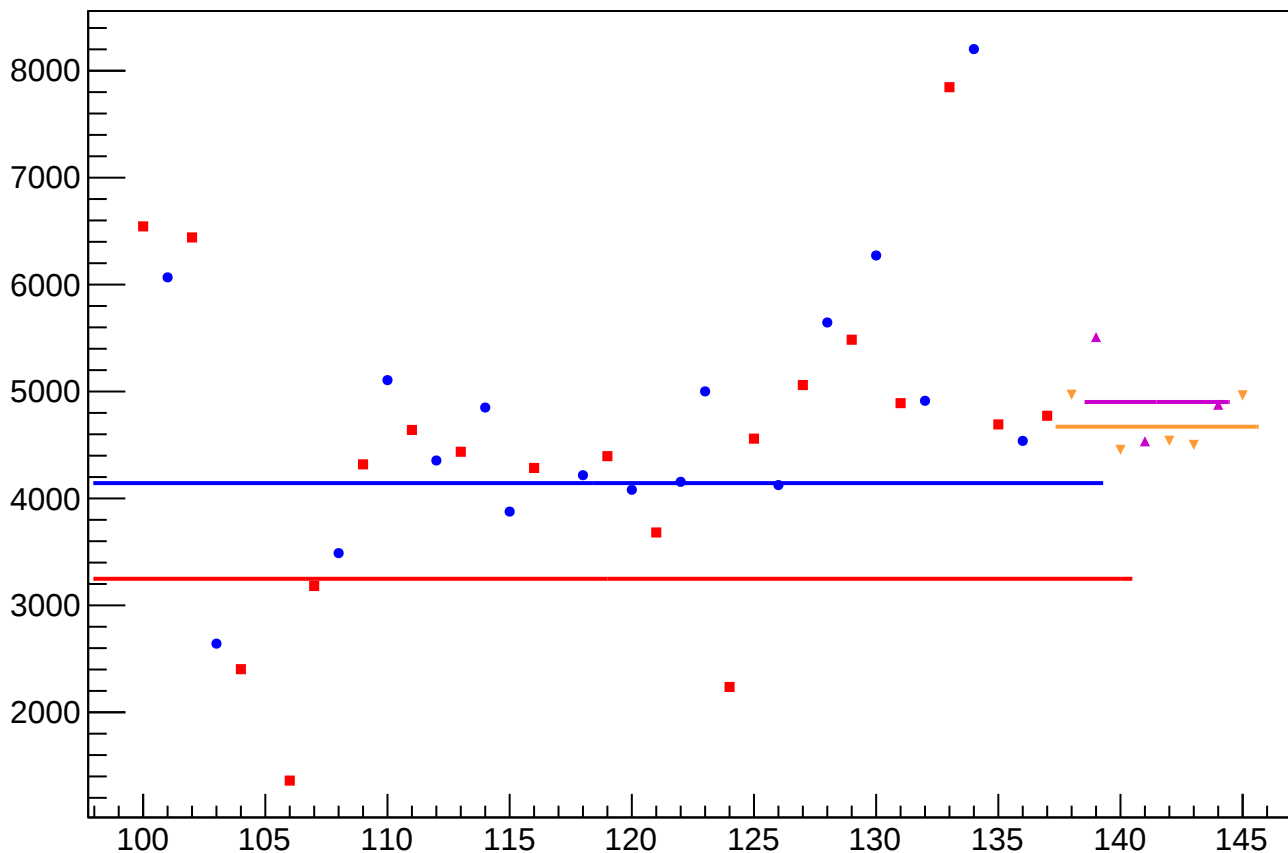
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

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

Out: 832.584 $\pm$ 1195.733 χ^2 /NDF: 23.9/23

All: -35.325 $\pm$ 926.137 χ^2 /NDF: 41.6/43

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

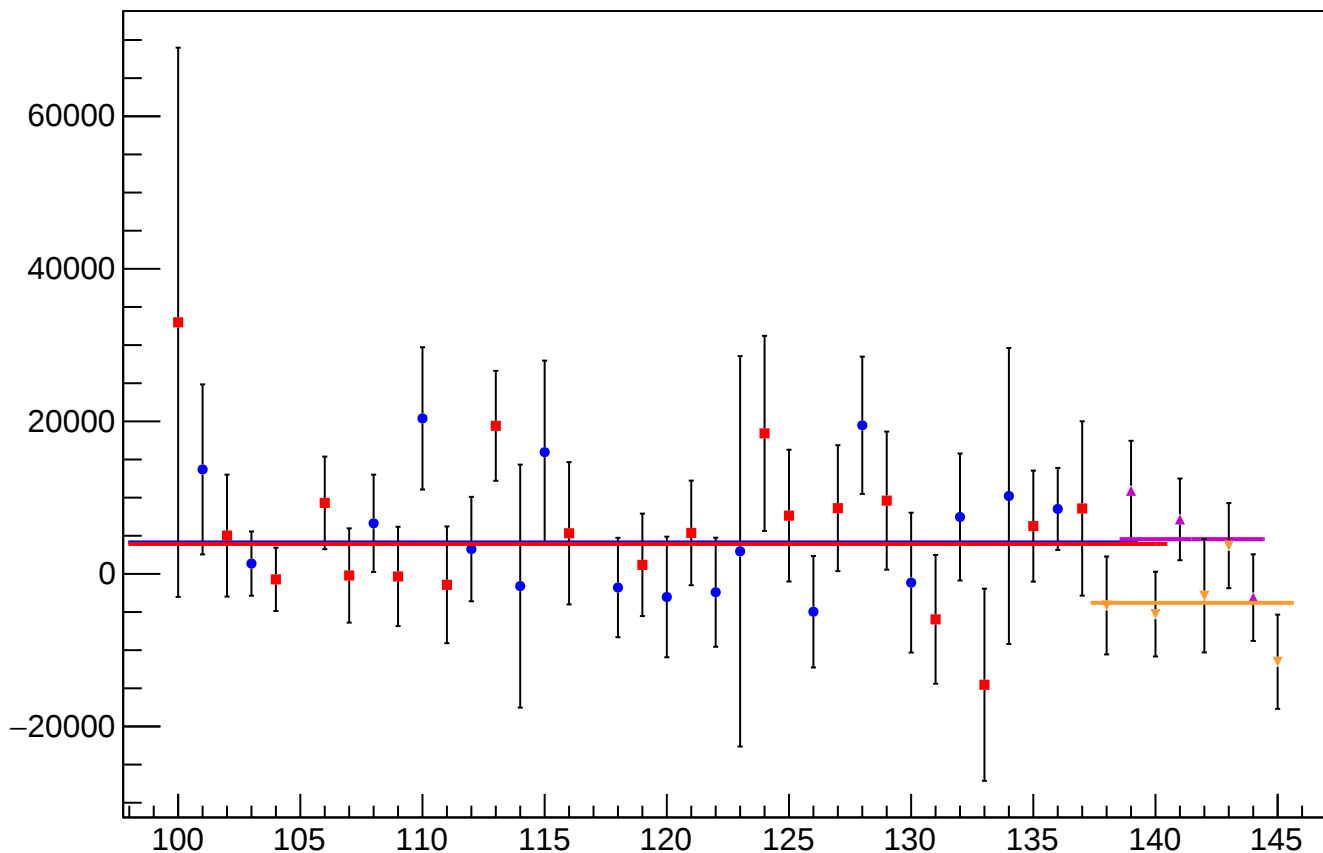
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 3570.779+/-0.846 χ^2/NDF : 3130551.1/23

All: 3866.734+/-0.655 χ^2/NDF : 4415326.4/43

asym_atr_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 3933.351+/-1725.500 χ^2/NDF : 14.9/18

Left In: 4560.175+/-3349.152 χ^2/NDF : 3.0/2

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

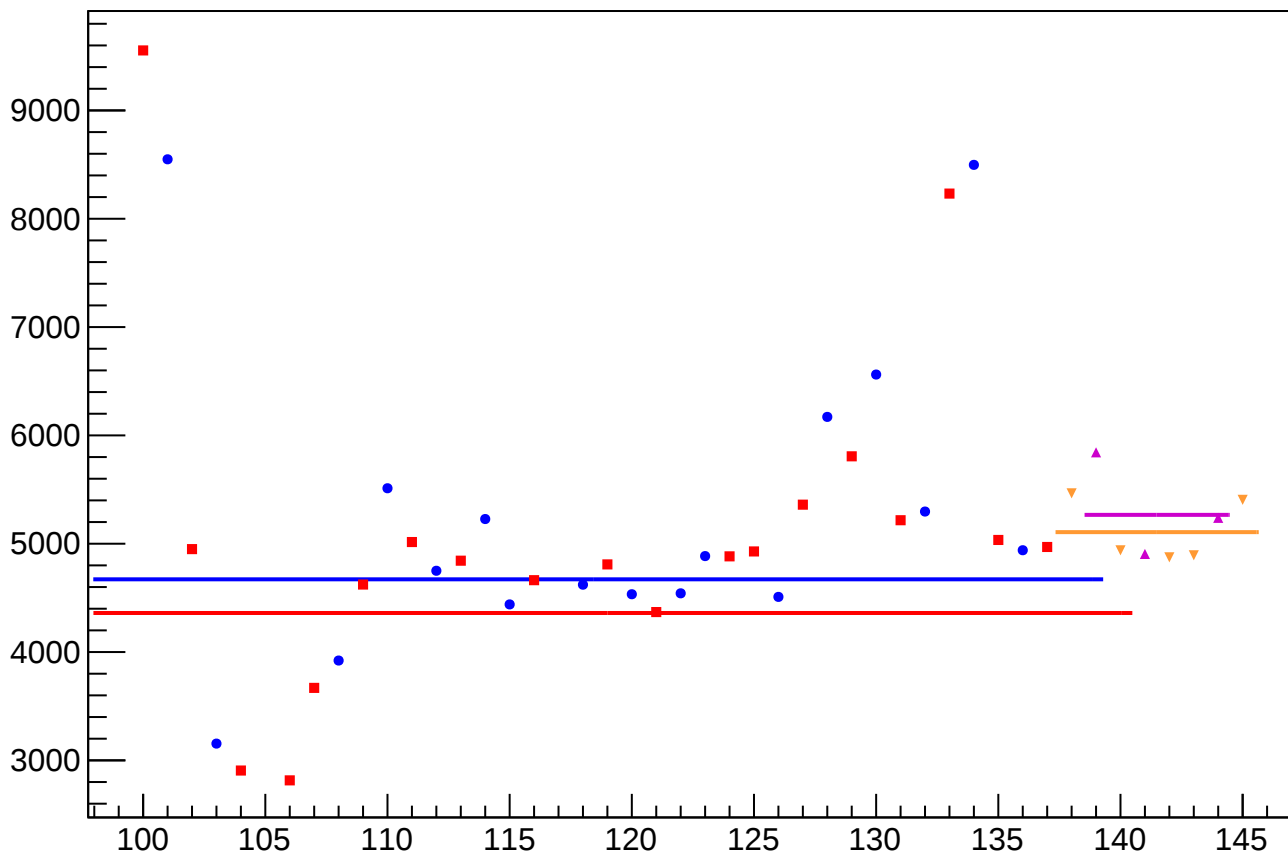
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

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

Out: 1740.088+/-1460.282 χ^2/NDF : 24.1/23

All: 2849.730+/-1087.083 χ^2/NDF : 42.0/43

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5266.402+/-2.368 χ^2/NDF : 24628.8/2

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

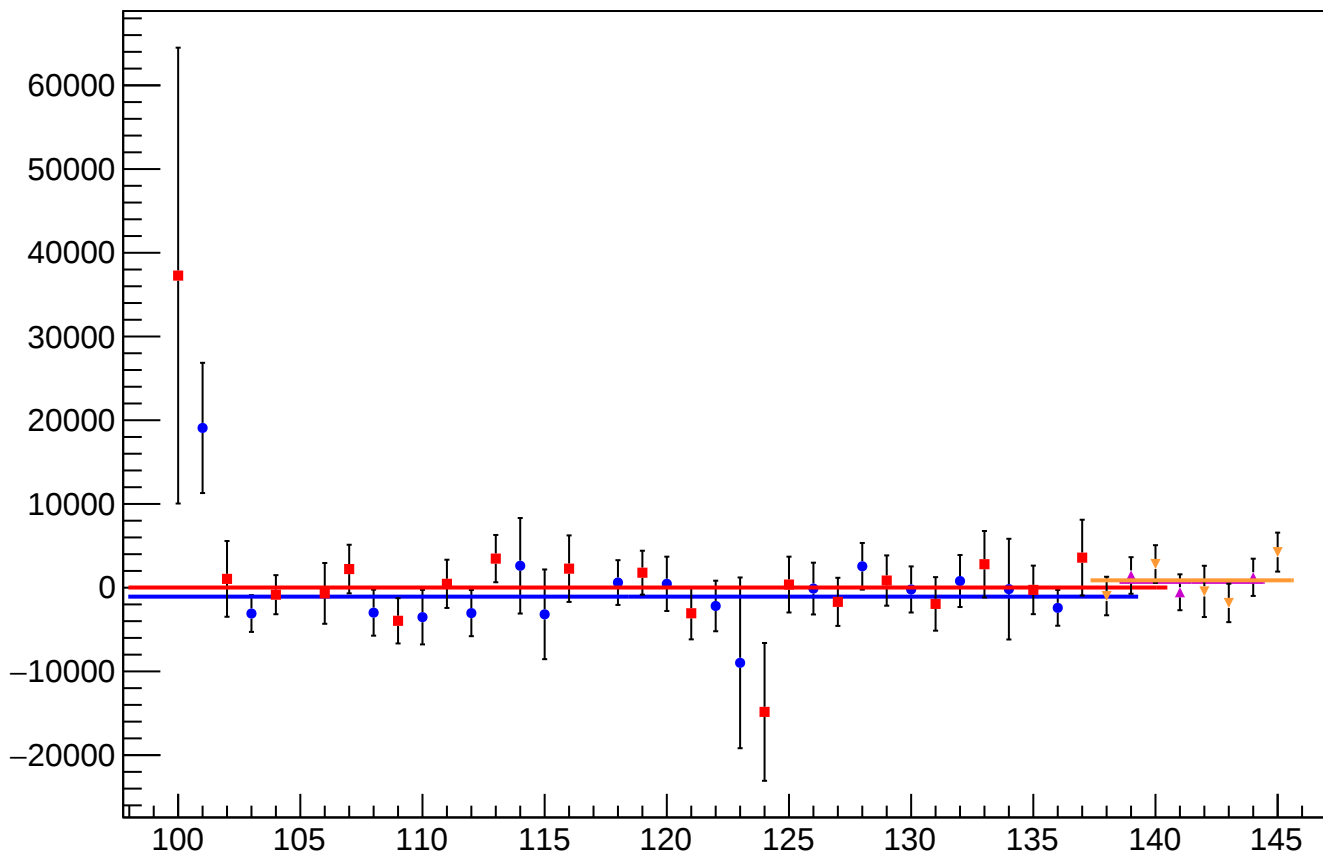
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4570.604+/-1.028 χ^2/NDF : 958289.8/23

All: 4677.704+/-0.767 χ^2/NDF : 1841696.0/43

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 693.231+/-1260.707 χ^2/NDF : 0.5/2

Left: 800.505+/-817.316 χ^2/NDF : 5.6/7

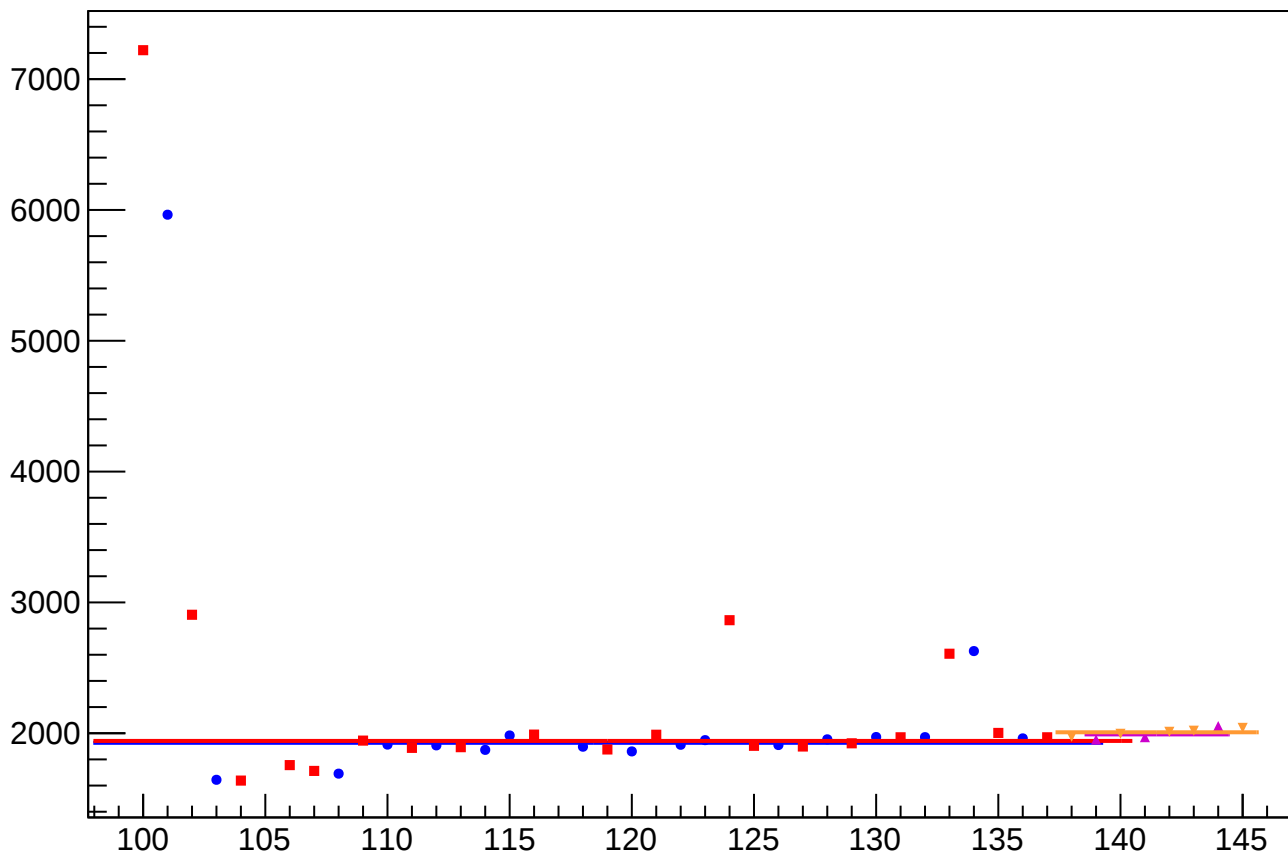
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

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

Out: 299.907+/-613.598 χ^2/NDF : 18.8/23

All: -121.431+/-447.077 χ^2/NDF : 35.5/43

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1991.166+/-0.891 χ^2/NDF : 2472.3/2

Left: 2000.527+/-0.578 χ^2/NDF : 3651.8/7

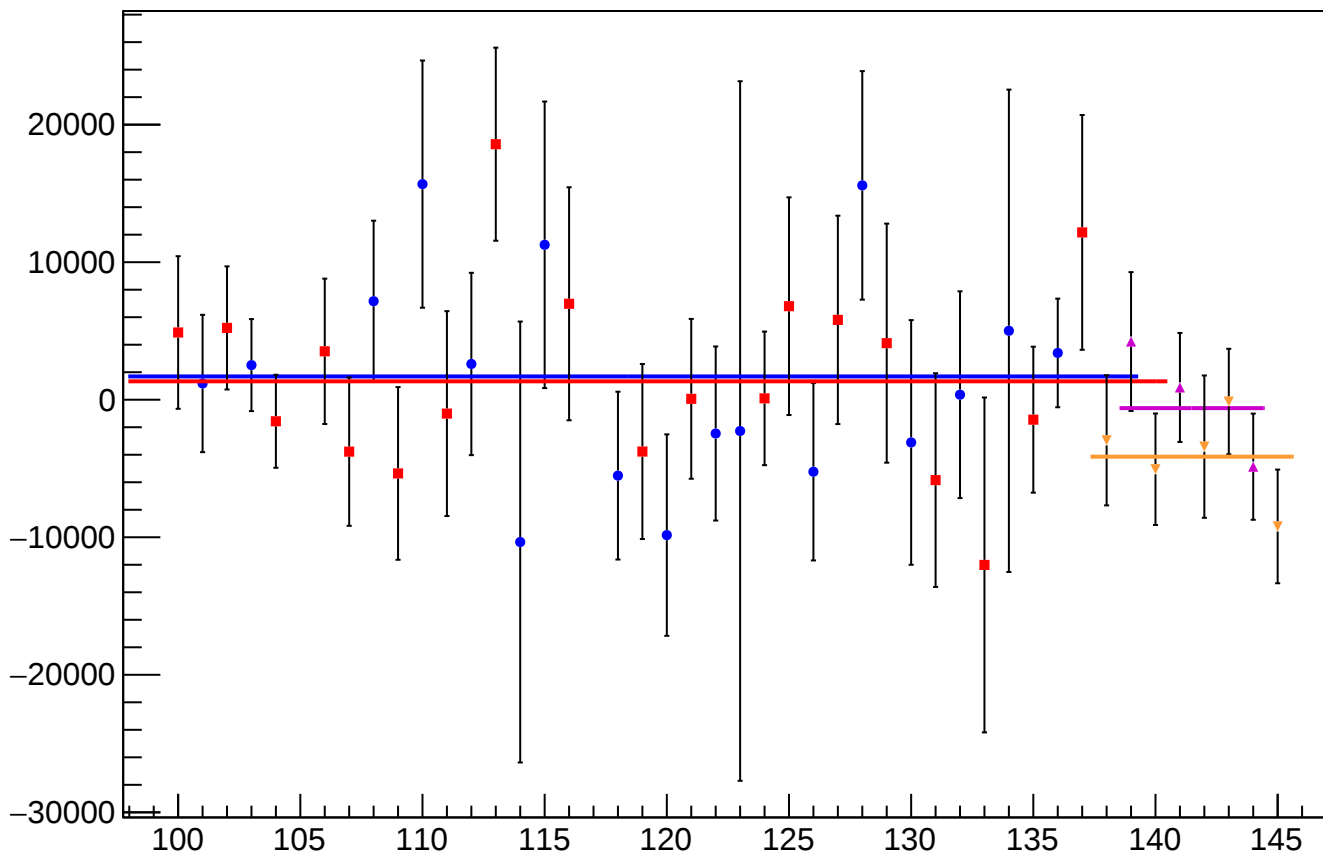
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1944.121+/-0.462 χ^2/NDF : 623393.7/19

Out: 1962.821+/-0.434 χ^2/NDF : 310457.5/23

All: 1954.053+/-0.316 χ^2/NDF : 934723.0/43

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -611.126 $\pm$ 2424.879 χ^2 /NDF: 2.3/2

Left: -2774.266 $\pm$ 1508.537 χ^2 /NDF: 6.3/7

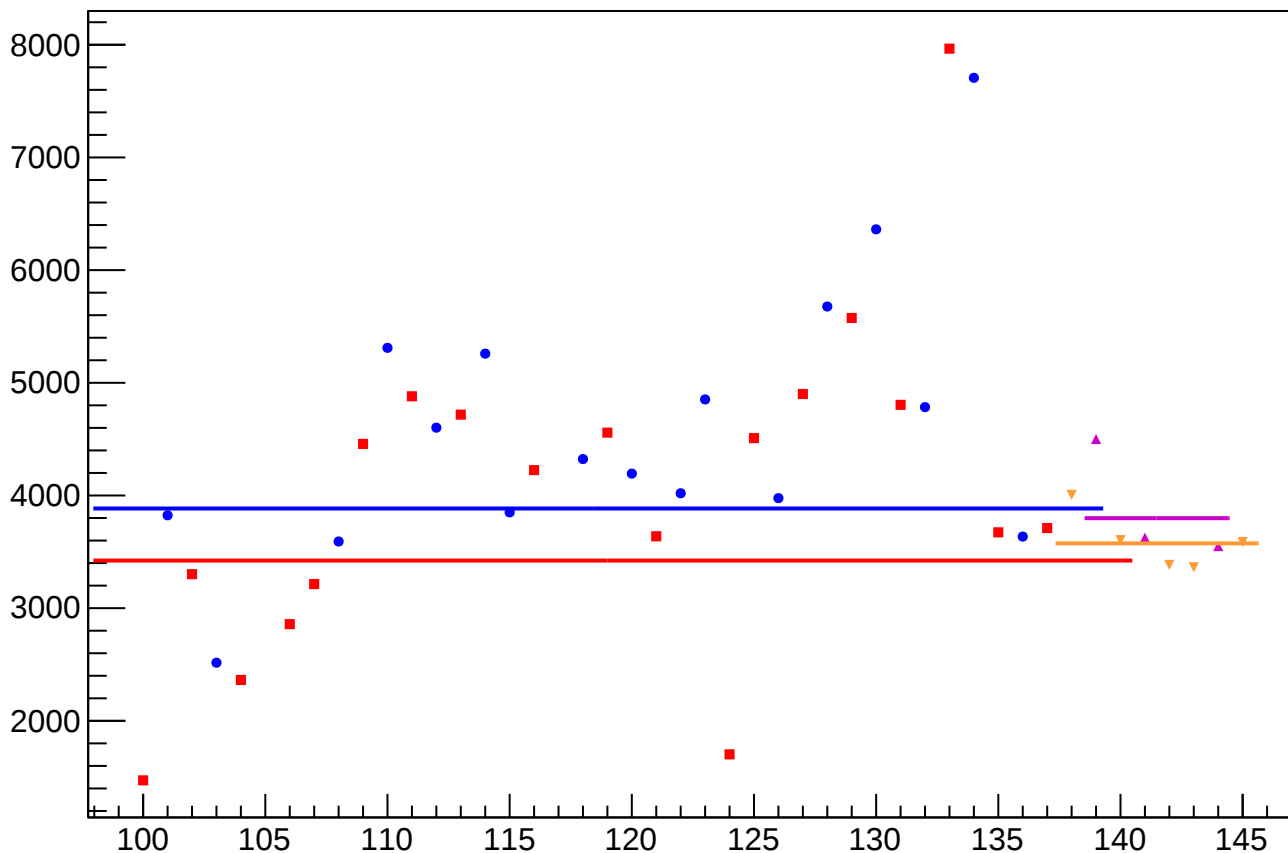
Right: 1493.873 $\pm$ 1026.648 χ^2 /NDF: 30.0/35

In: 1024.143 $\pm$ 1307.151 χ^2 /NDF: 16.5/19

Out: -499.611 $\pm$ 1115.992 χ^2 /NDF: 24.4/23

All: 142.802 $\pm$ 848.742 χ^2 /NDF: 41.7/43

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 3661.646 $\pm$ 1.067 χ^2 /NDF: 86676.6/7

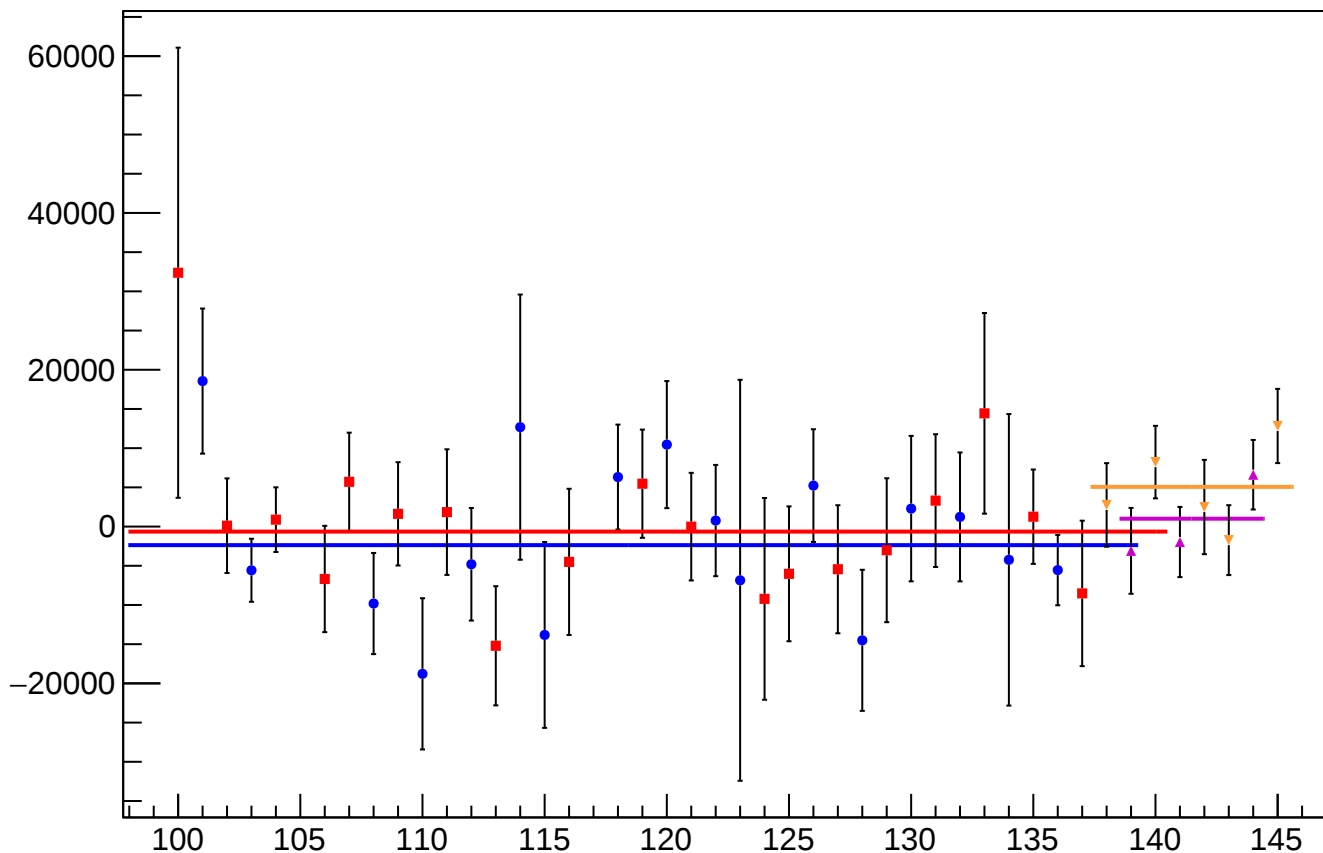
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3473.812 $\pm$ 0.789 χ^2 /NDF: 1624116.7/23

All: 3636.460 $\pm$ 0.600 χ^2 /NDF: 2604018.9/43

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

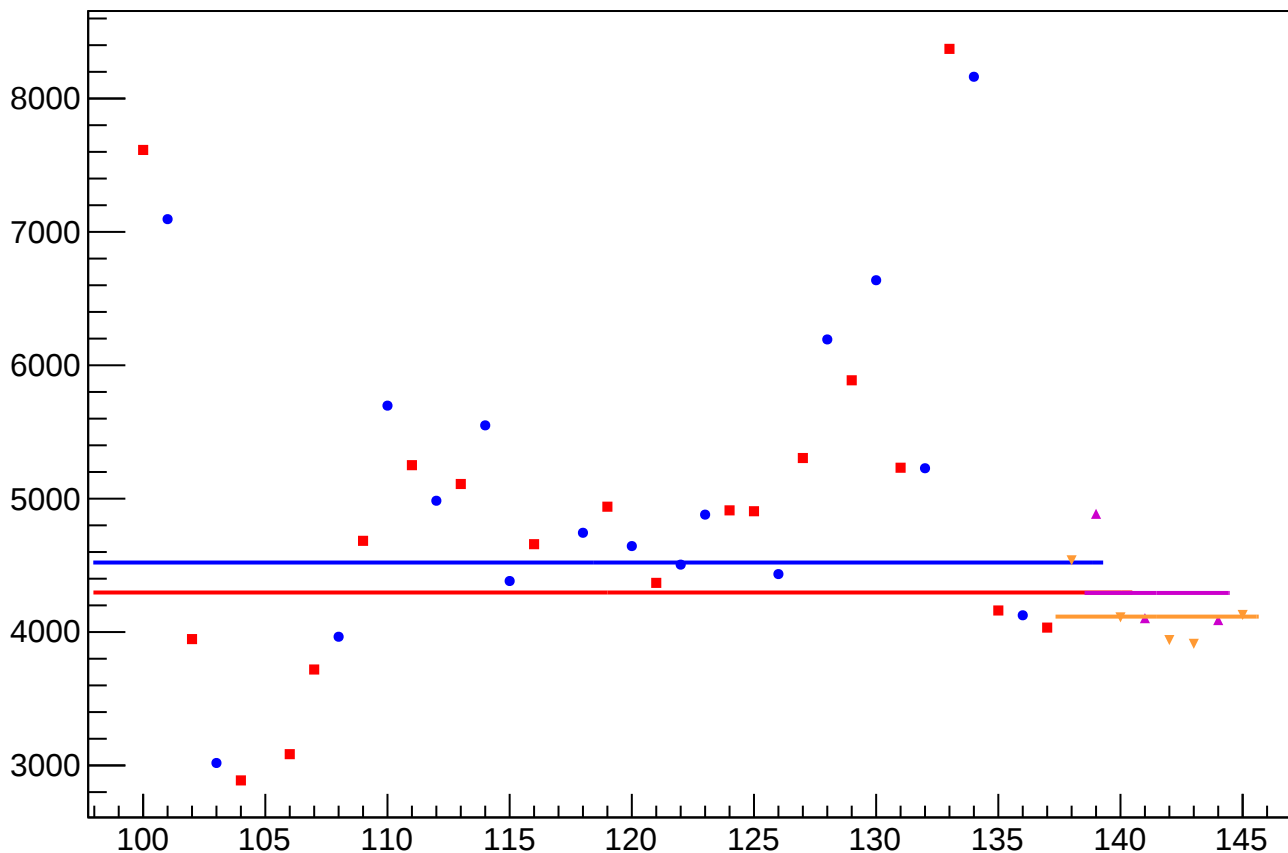
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

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

Out: 1463.501 $\pm$ 1342.690 χ^2 /NDF: 21.9/23

All: 218.124 $\pm$ 1001.637 χ^2 /NDF: 47.6/43

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

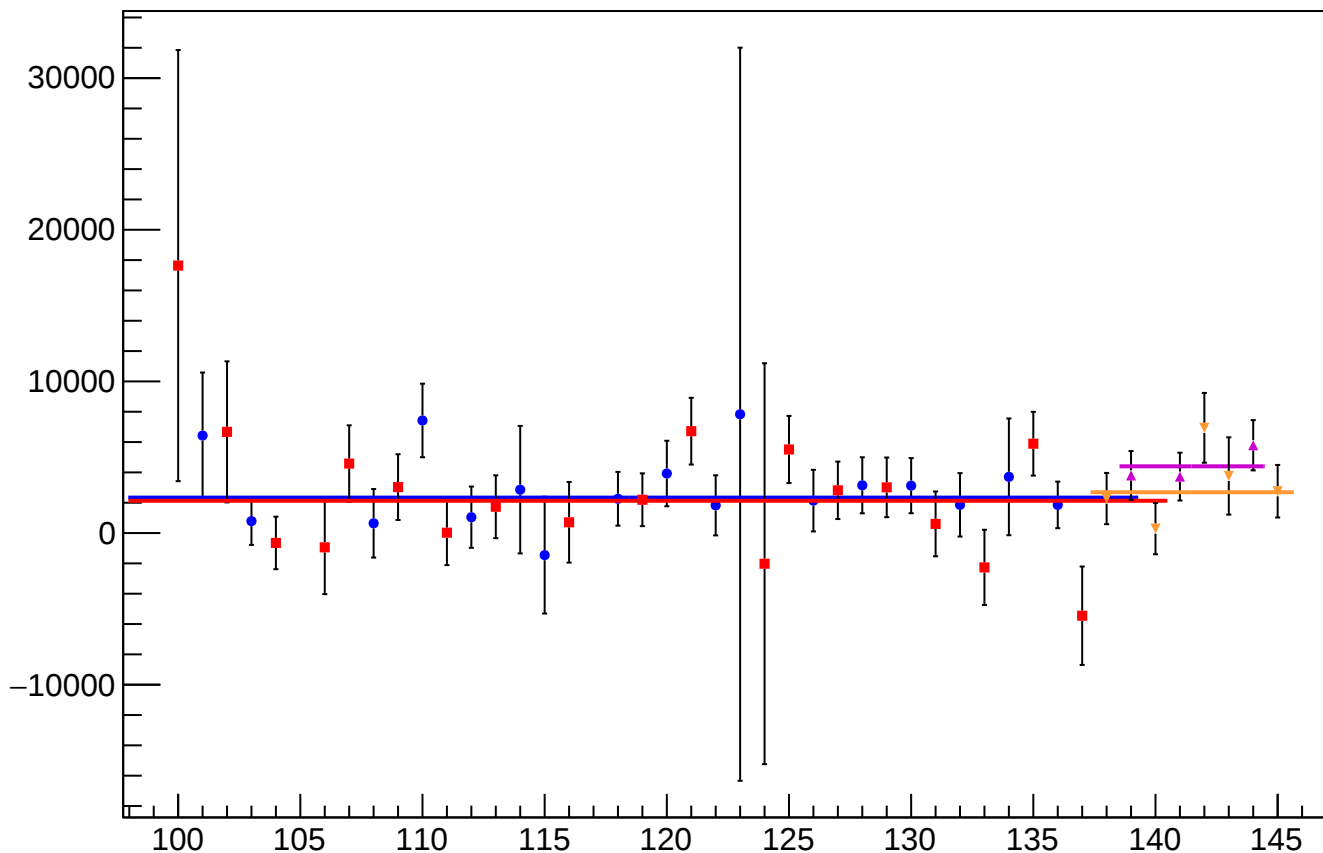
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

Out: 4230.291+/-0.946 χ^2/NDF : 800139.0/23

All: 4328.263+/-0.707 χ^2/NDF : 1644051.5/43

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: 2693.025+/-852.437 χ^2/NDF : 5.7/4

Right Out: 2129.457+/-539.223 χ^2/NDF : 27.5/18

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

Left: 3472.096+/-628.597 χ^2/NDF : 8.5/7

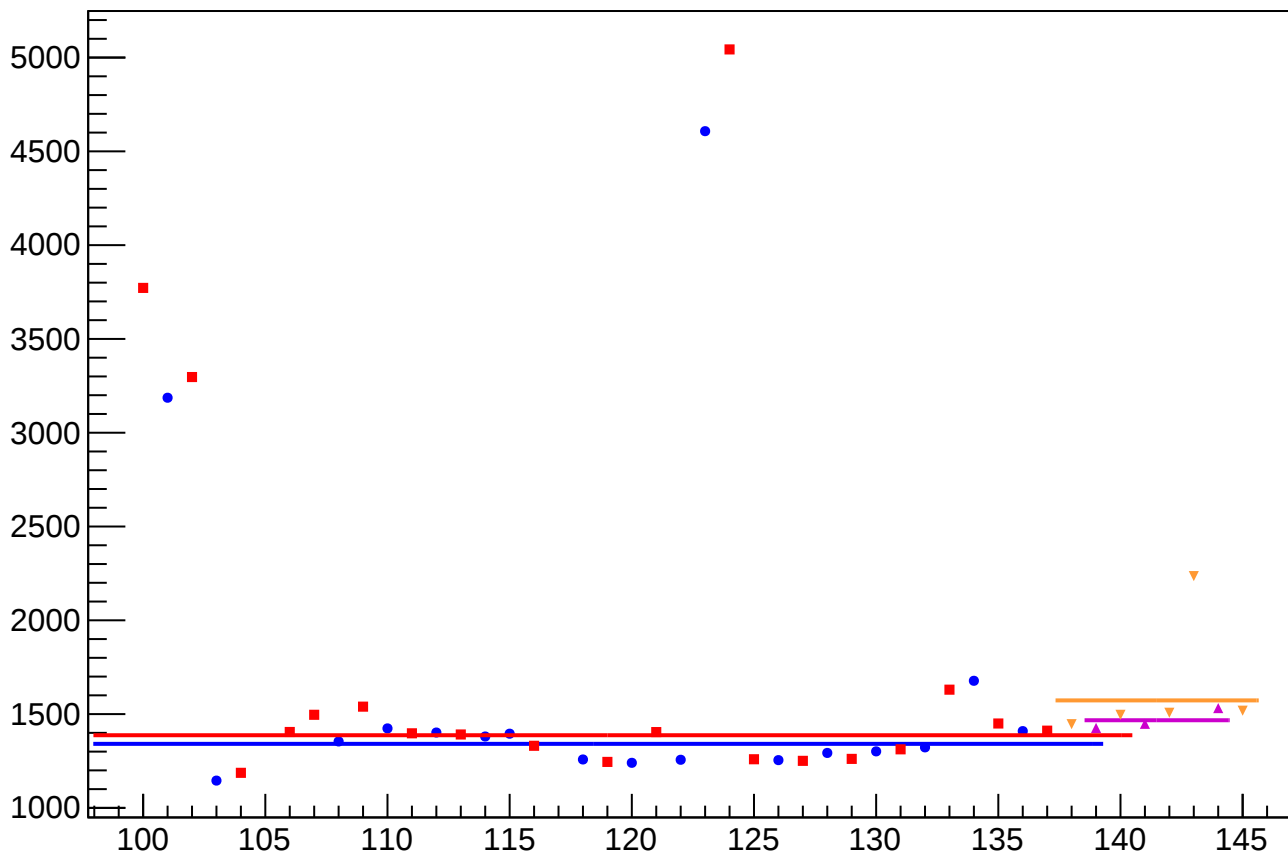
Right: 2234.784+/-378.395 χ^2/NDF : 37.3/35

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

Out: 2290.517+/-455.704 χ^2/NDF : 33.5/23

All: 2563.888+/-324.189 χ^2/NDF : 48.6/43

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1467.239+/-0.658 χ^2/NDF :4637.0/2

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

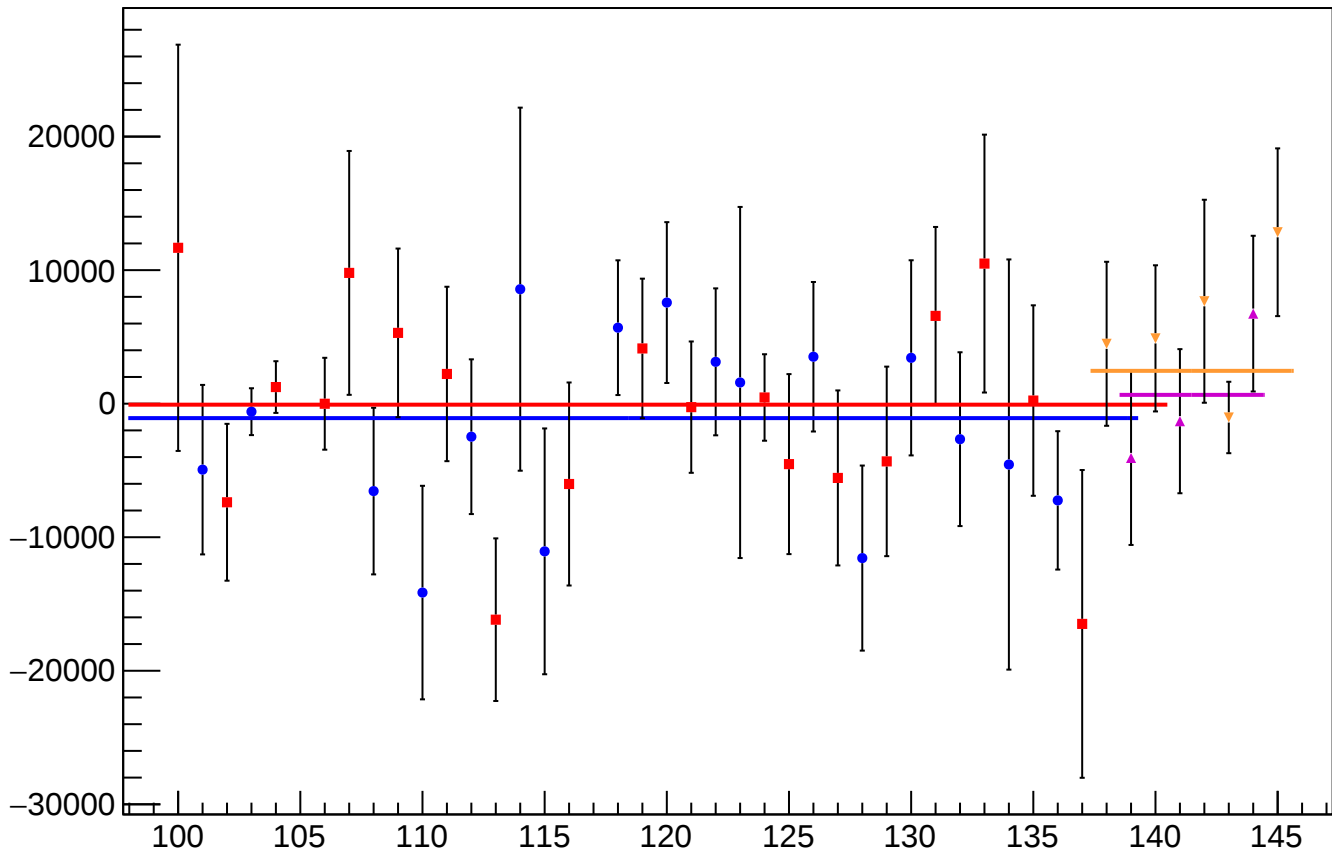
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

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

Out: 1440.375+/-0.322 χ^2/NDF :872159.7/23

All: 1406.763+/-0.229 χ^2/NDF : 1430715.9/43

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -74.089+/-1126.219 χ^2/NDF : 18.6/18

Left In: 660.024+/-3384.225 χ^2/NDF : 1.7/2

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

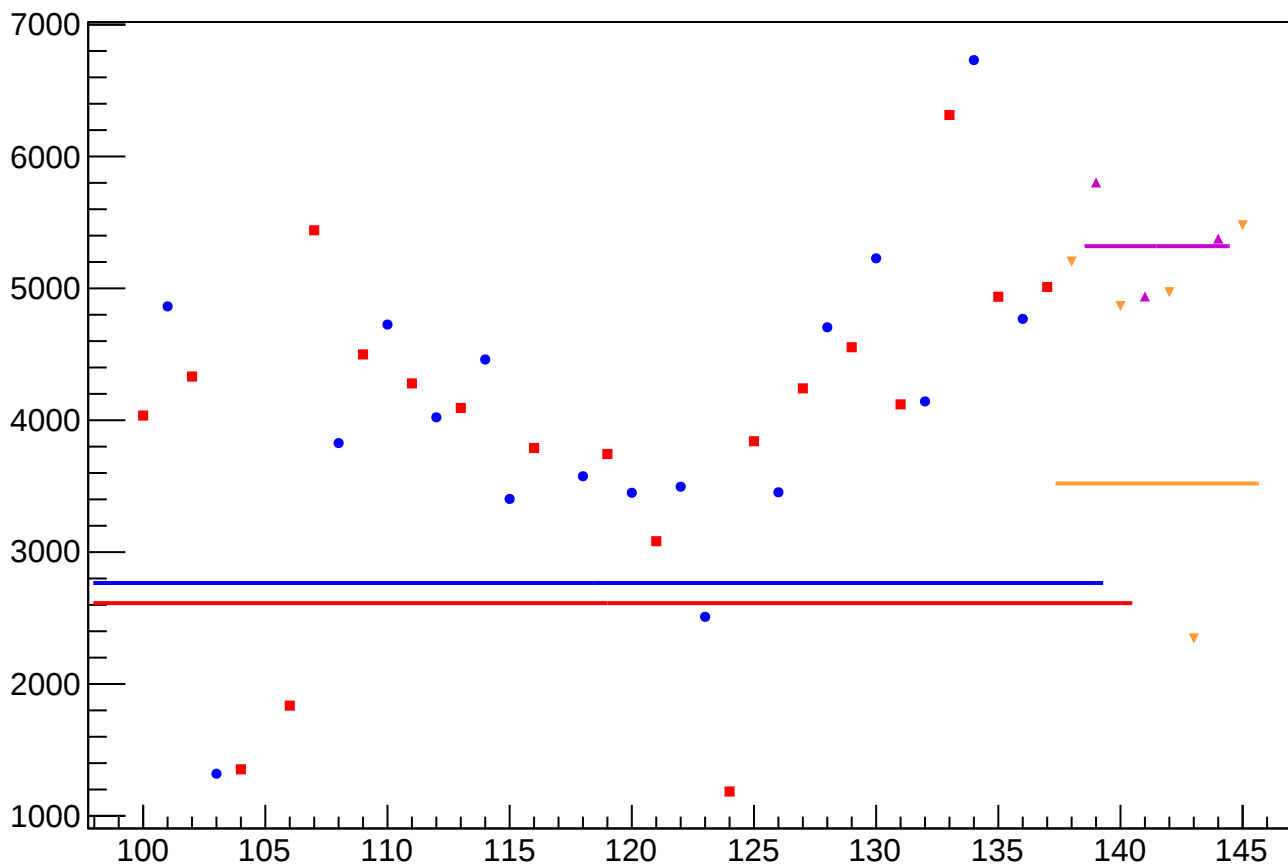
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

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

Out: 521.505+/-984.950 χ^2/NDF : 25.0/23

All: -77.997+/-745.680 χ^2/NDF : 42.9/43

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5319.968+/-2.393 χ^2/NDF : 21180.1/2

Left: 3996.921+/-1.231 χ^2/NDF : 1361348.6/7

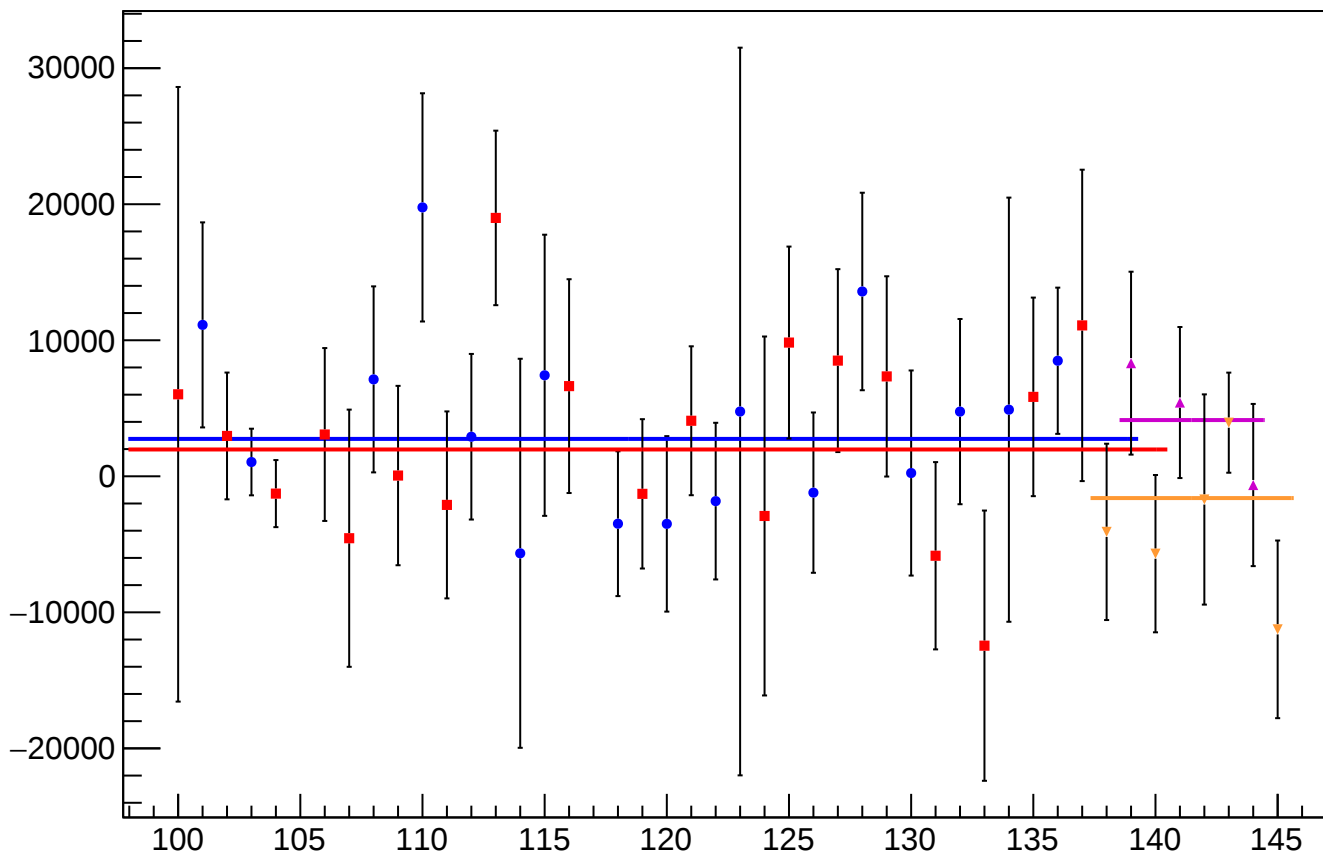
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3056.260+/-0.807 χ^2/NDF : 3969963.0/19

Out: 2826.625+/-0.696 χ^2/NDF : 4569274.3/23

All: 2924.642+/-0.527 χ^2/NDF : 8585639.6/43

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 4133.177+/-3477.103 χ^2/NDF : 1.1/2

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

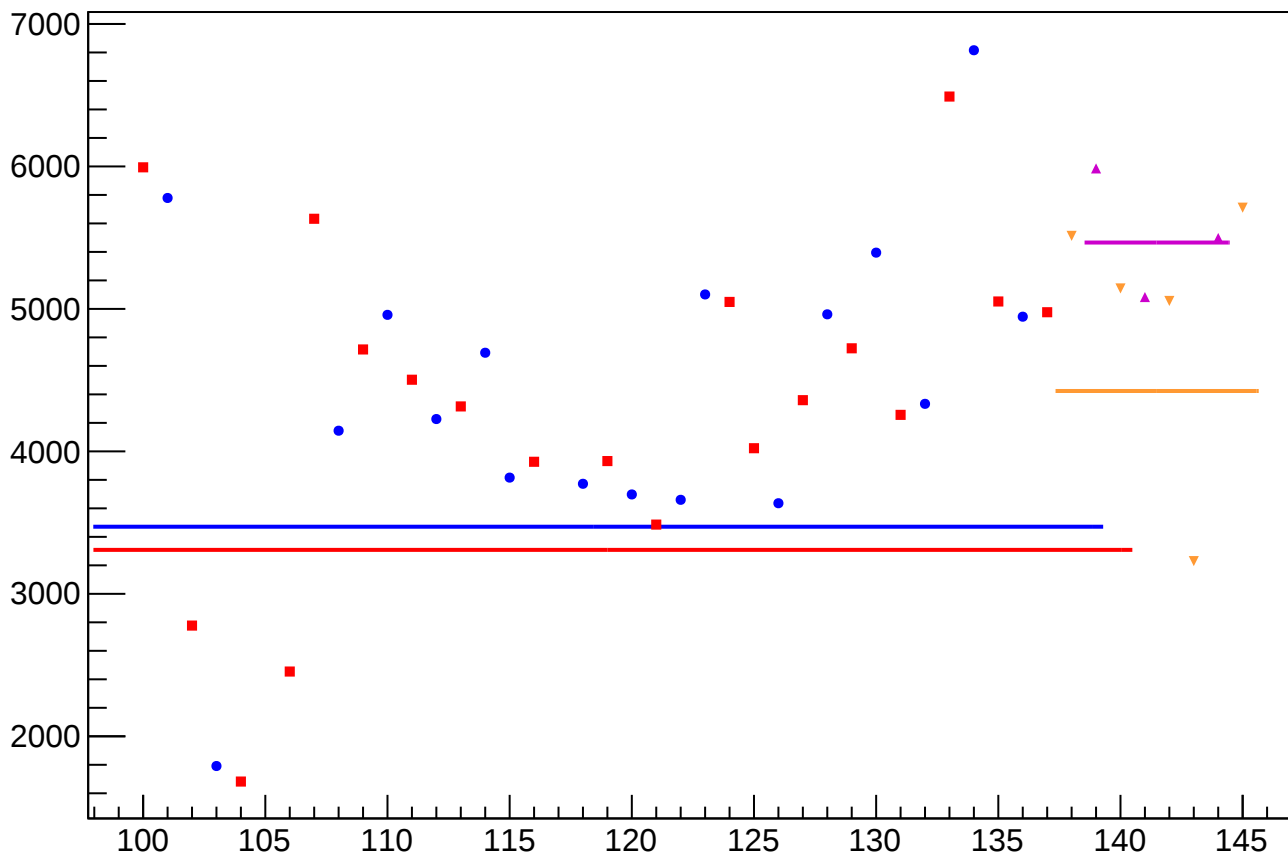
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1104.313+/-1202.455 χ^2/NDF : 24.5/23

All: 1931.739+/-893.655 χ^2/NDF : 40.6/43

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

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

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

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

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

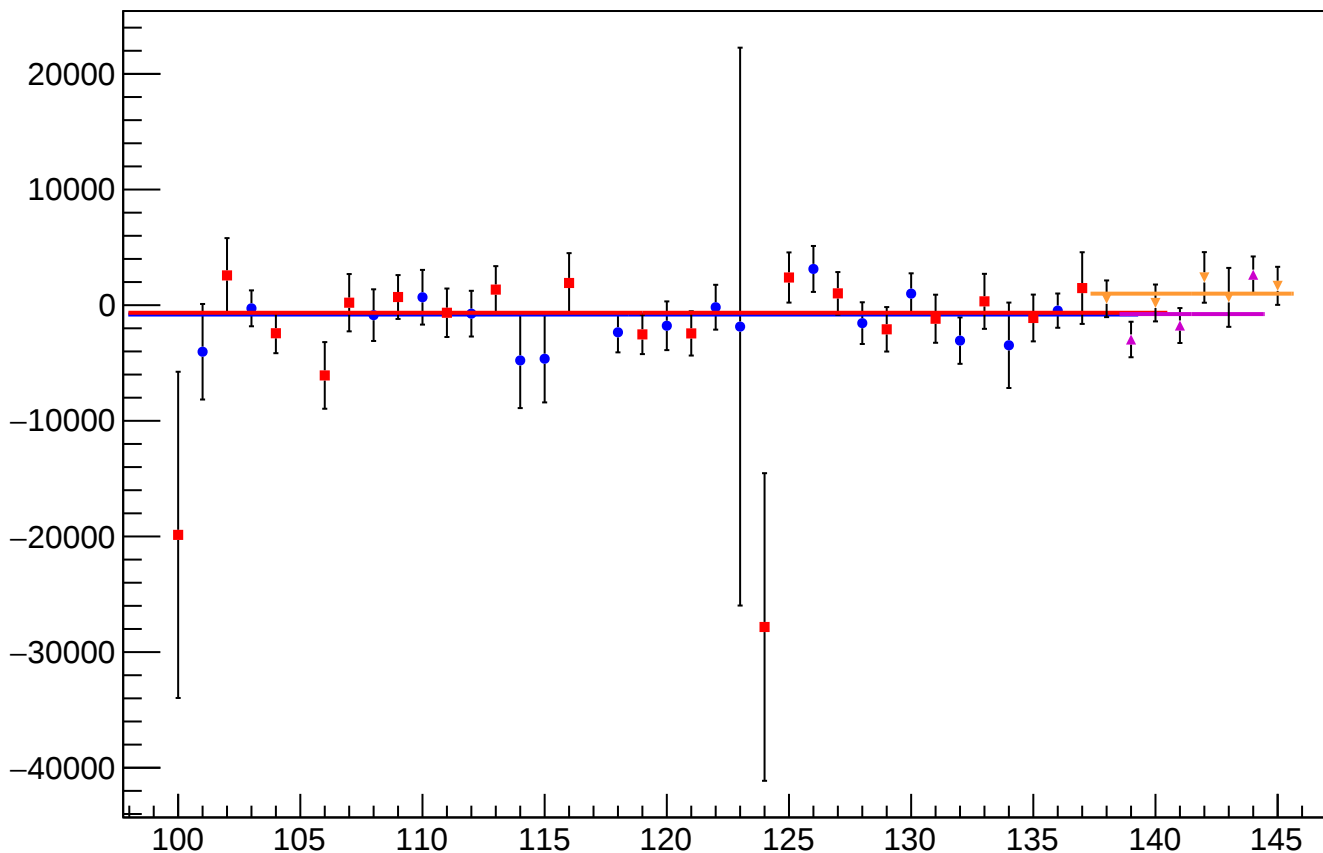
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 3575.415+/-0.844 χ^2/NDF : 2621215.5/23

All: 3659.843+/-0.629 χ^2/NDF : 4994223.0/43

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 997.172+/-810.267 χ^2/NDF : 0.9/4

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

Left In: -769.174+/-889.290 χ^2/NDF : 7.1/2

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

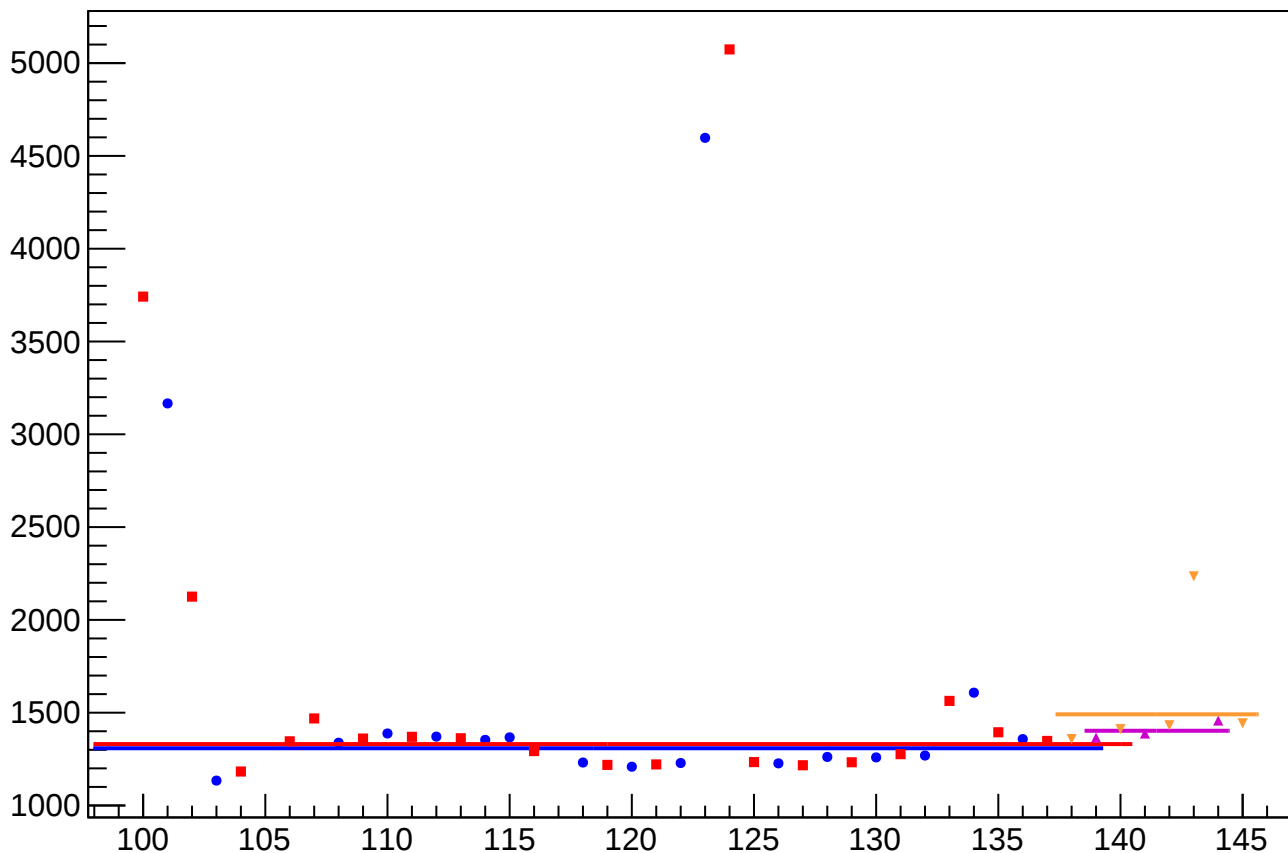
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -181.037+/-434.390 χ^2/NDF : 24.3/23

All: -480.639+/-311.768 χ^2/NDF : 43.6/43

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1402.593+/-0.629 χ^2/NDF :3785.7/2

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

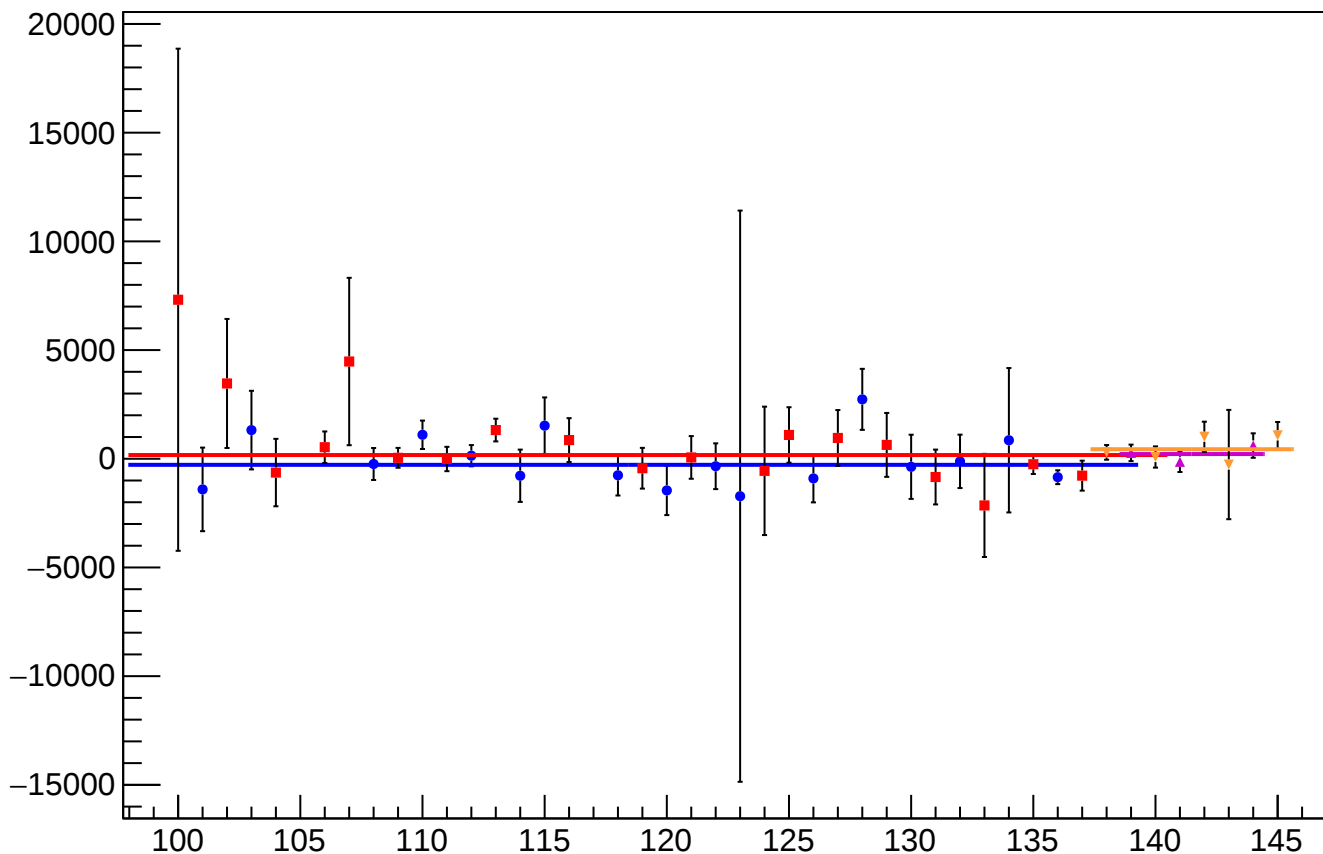
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

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

Out: 1376.939+/-0.307 χ^2/NDF :664229.0/23

All: 1355.270+/-0.220 χ^2/NDF : 1201585.8/43

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 171.593 ± 192.461 $\chi^2/\text{NDF}: 14.7/18$

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

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

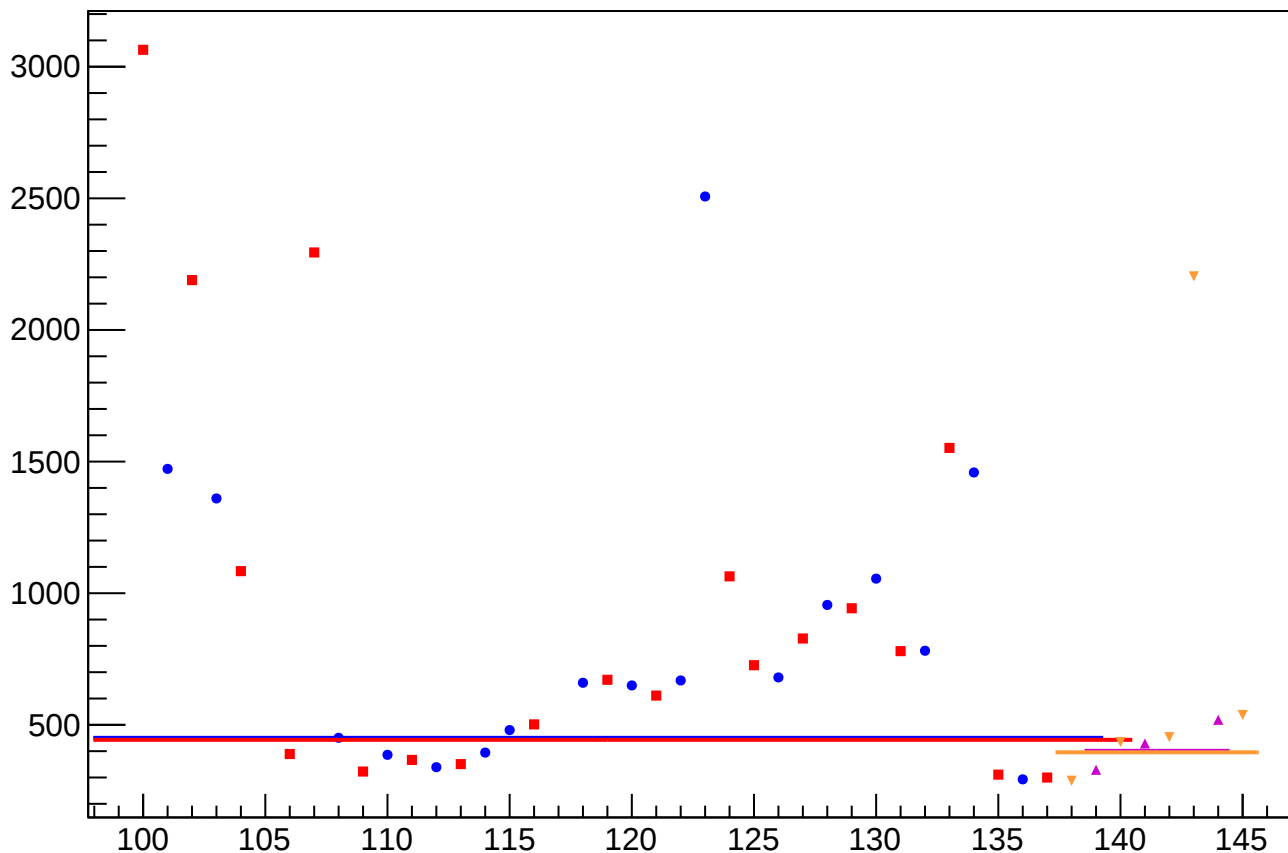
Right: -47.033 ± 138.049 $\chi^2/\text{NDF}: 35.4/35$

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

Out: 277.768 ± 149.398 $\chi^2/\text{NDF}: 18.1/23$

All: 100.335 ± 108.491 $\chi^2/\text{NDF}: 42.5/43$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

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

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

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

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

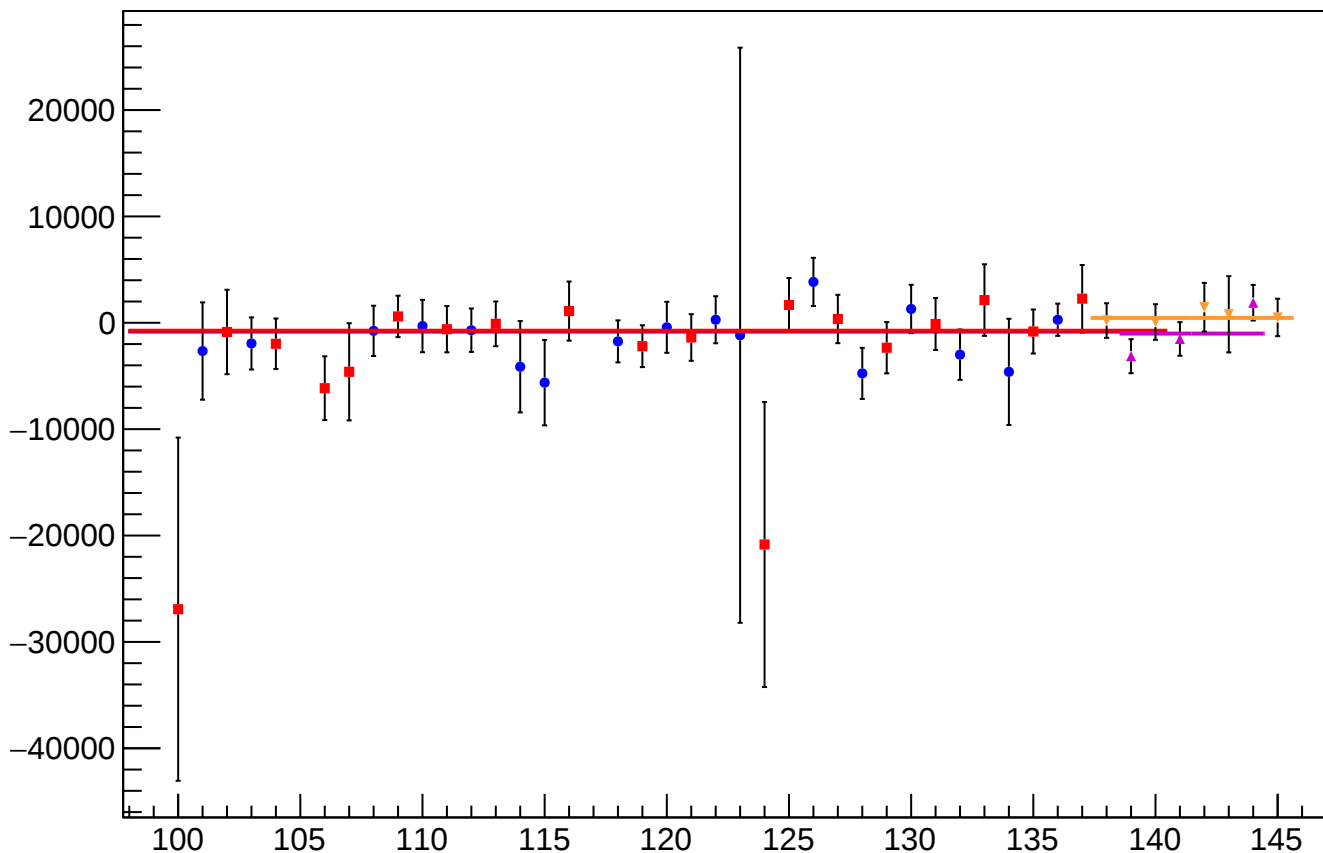
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

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

Out: 424.243+/-0.106 χ^2/NDF :4890821.8/23

All: 428.155+/-0.077 χ^2/NDF : 8104291.3/43

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

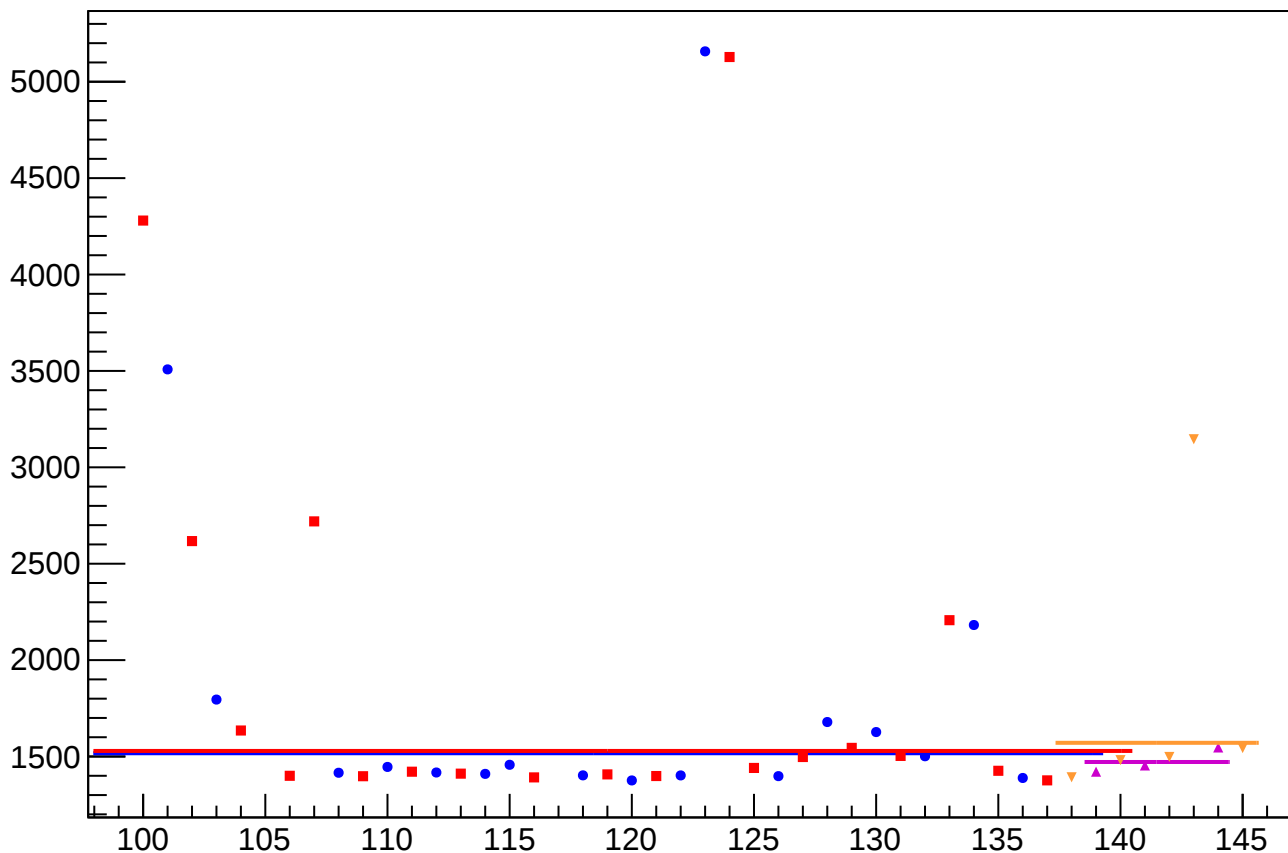
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

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

Out: -360.488+/-491.134 χ^2/NDF : 15.7/23

All: -610.450+/-352.213 χ^2/NDF : 33.8/43

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

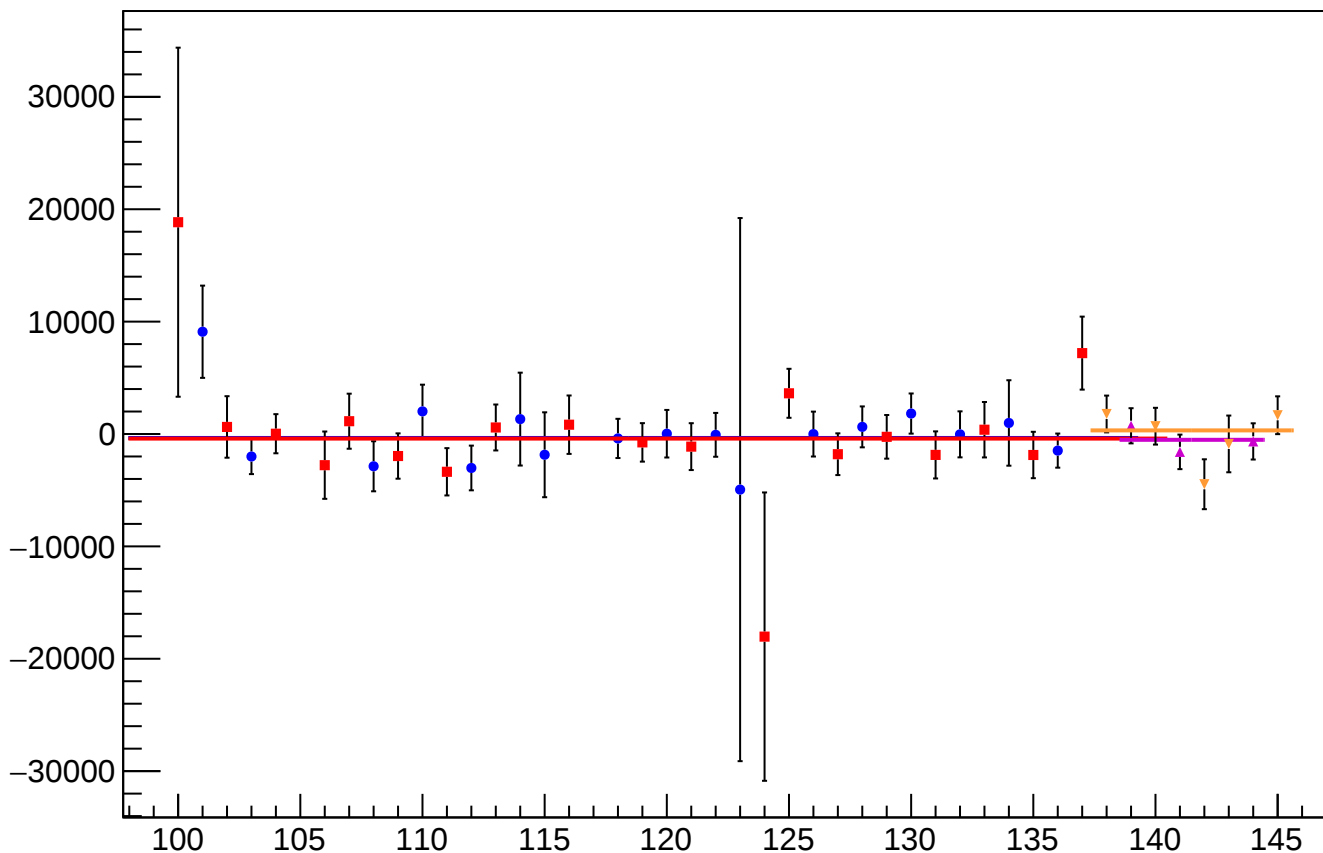
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

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

Out: 1542.367+/-0.347 χ^2/NDF : 1051985.0/23

All: 1523.553+/-0.249 χ^2/NDF : 1608698.7/43

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: -517.571+/-906.503 χ^2/NDF : 1.1/2

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

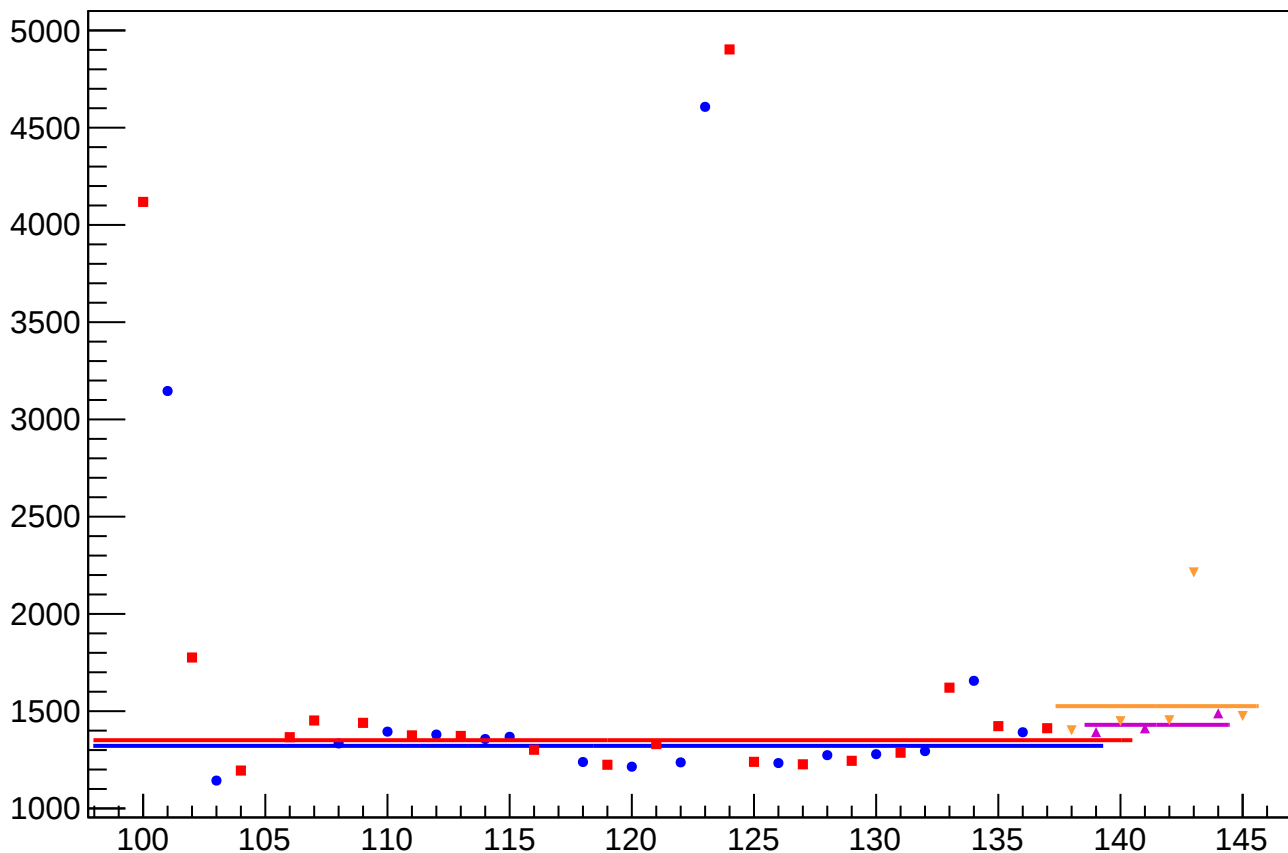
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

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

Out: -200.225+/-441.542 χ^2/NDF : 25.3/23

All: -294.698+/-316.266 χ^2/NDF : 40.0/43

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1429.833+/-0.641 χ^2/NDF :4100.0/2

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

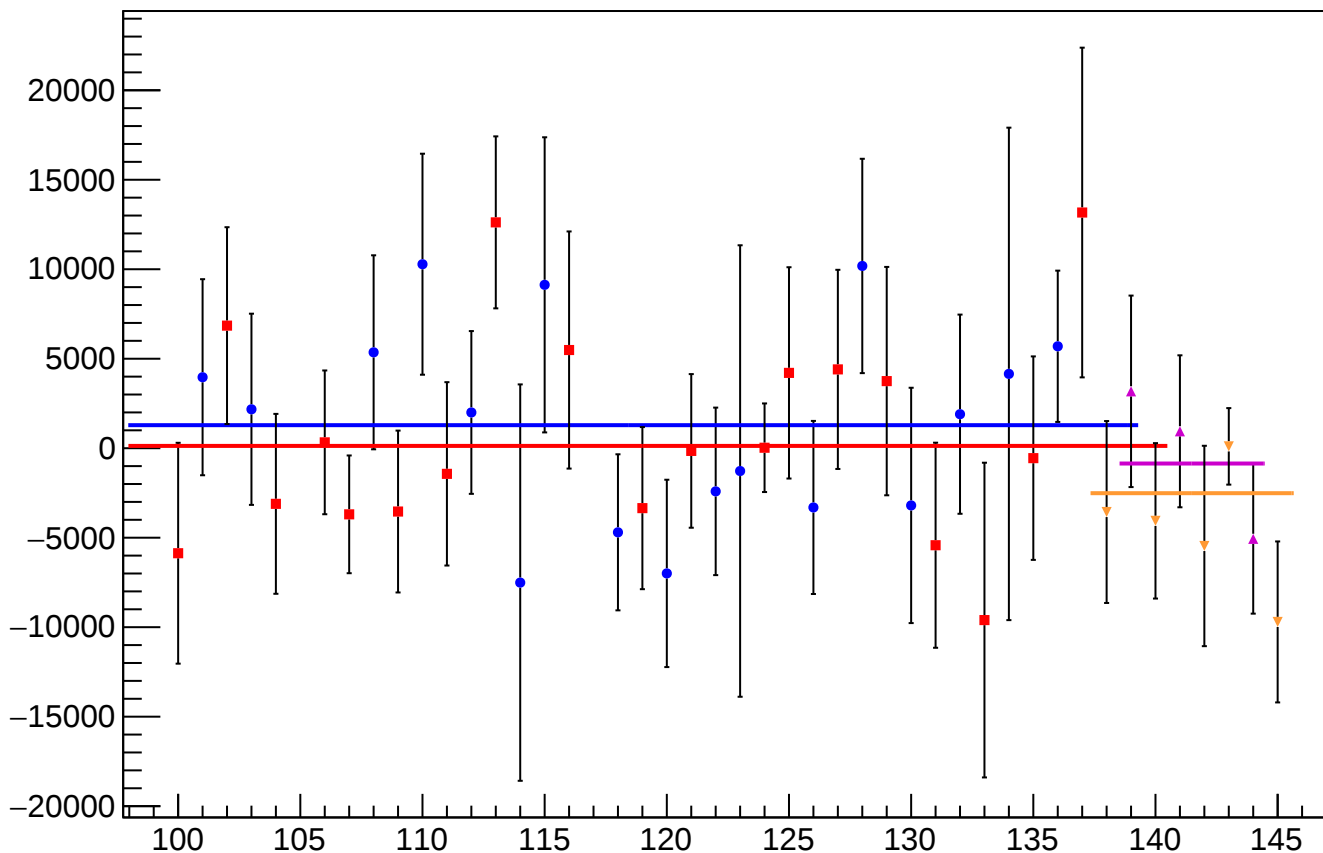
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

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

Out: 1400.569+/-0.312 χ^2/NDF :582339.5/23

All: 1375.337+/-0.224 χ^2/NDF : 1123457.3/43

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495 $\pm$ 1375.853 χ^2 /NDF: 14.3/16

Left Out: -2512.827 $\pm$ 1597.400 χ^2 /NDF: 4.5/4

Right Out: 128.973 $\pm$ 1088.247 χ^2 /NDF: 18.5/18

Left In: -855.522 $\pm$ 2602.455 χ^2 /NDF: 1.8/2

Left: -2059.297 $\pm$ 1361.398 χ^2 /NDF: 6.6/7

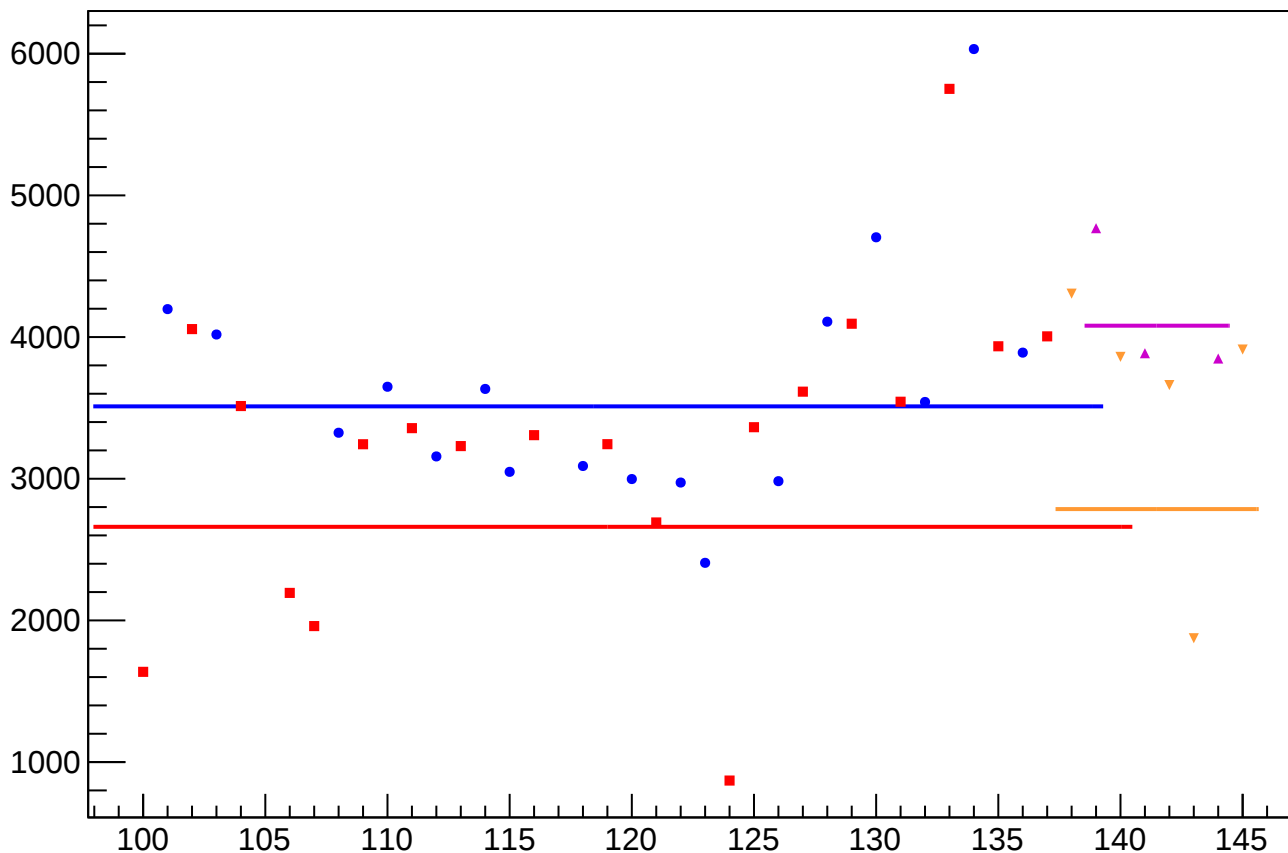
Right: 574.831 $\pm$ 853.528 χ^2 /NDF: 33.3/35

In: 819.368 $\pm$ 1216.333 χ^2 /NDF: 16.6/19

Out: -708.463 $\pm$ 899.373 χ^2 /NDF: 24.9/23

All: -168.412 $\pm$ 723.156 χ^2 /NDF: 42.5/43

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

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

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

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

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

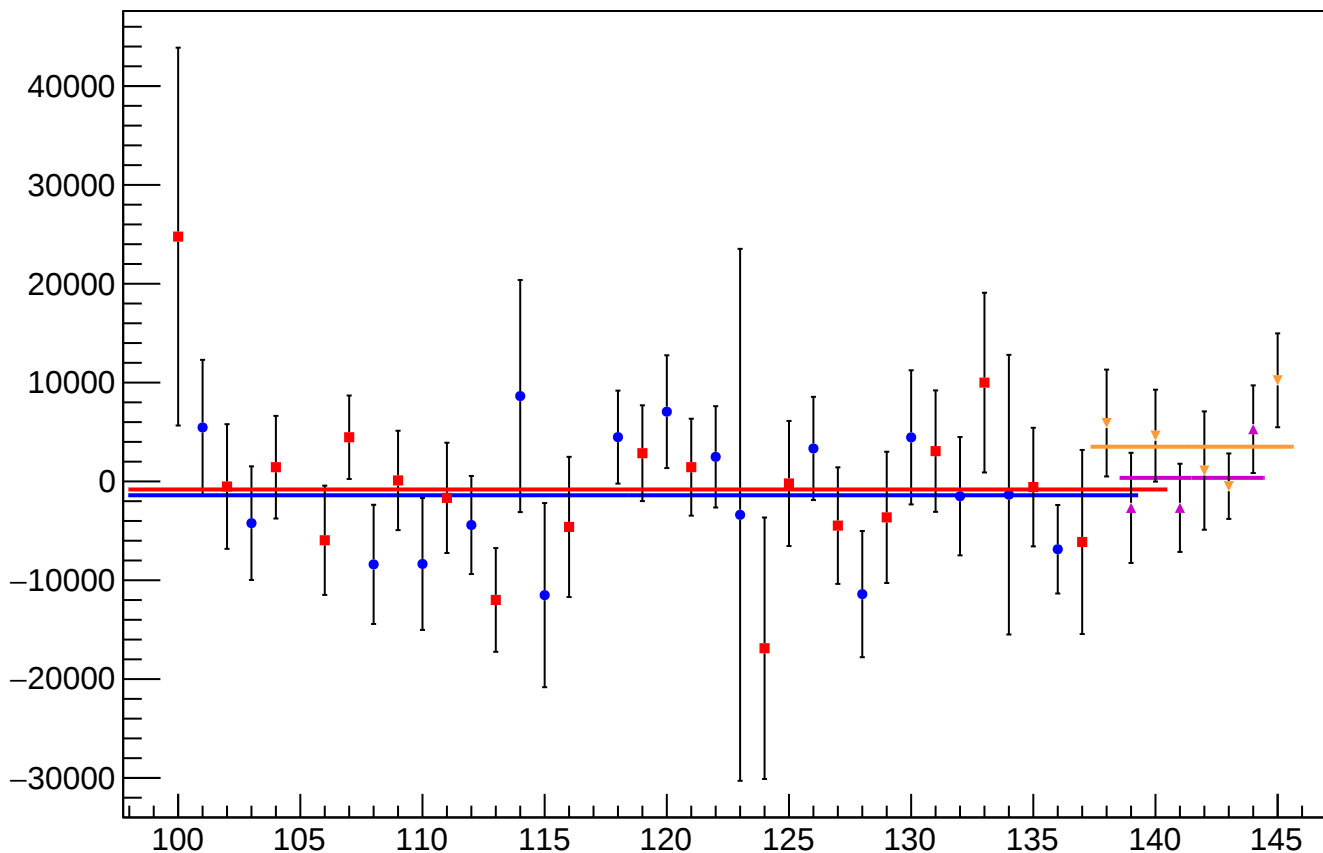
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

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

Out: 2700.314+/-0.636 χ^2/NDF : 3030512.9/23

All: 3030.773+/-0.511 χ^2/NDF : 4256736.6/43

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

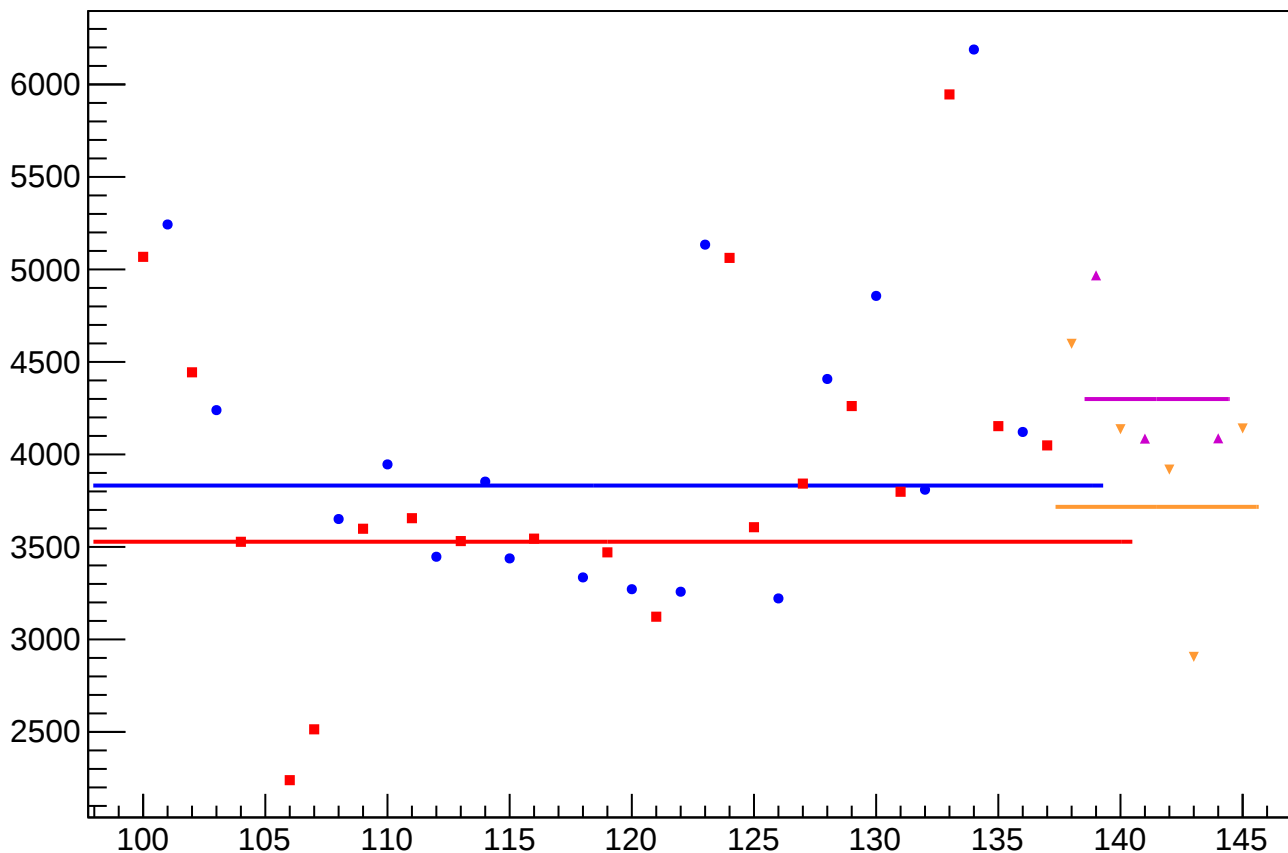
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

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

Out: 557.194 $\pm$ 1139.780 χ^2 /NDF: 21.3/23

All: -105.811 $\pm$ 862.221 χ^2 /NDF: 40.2/43

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

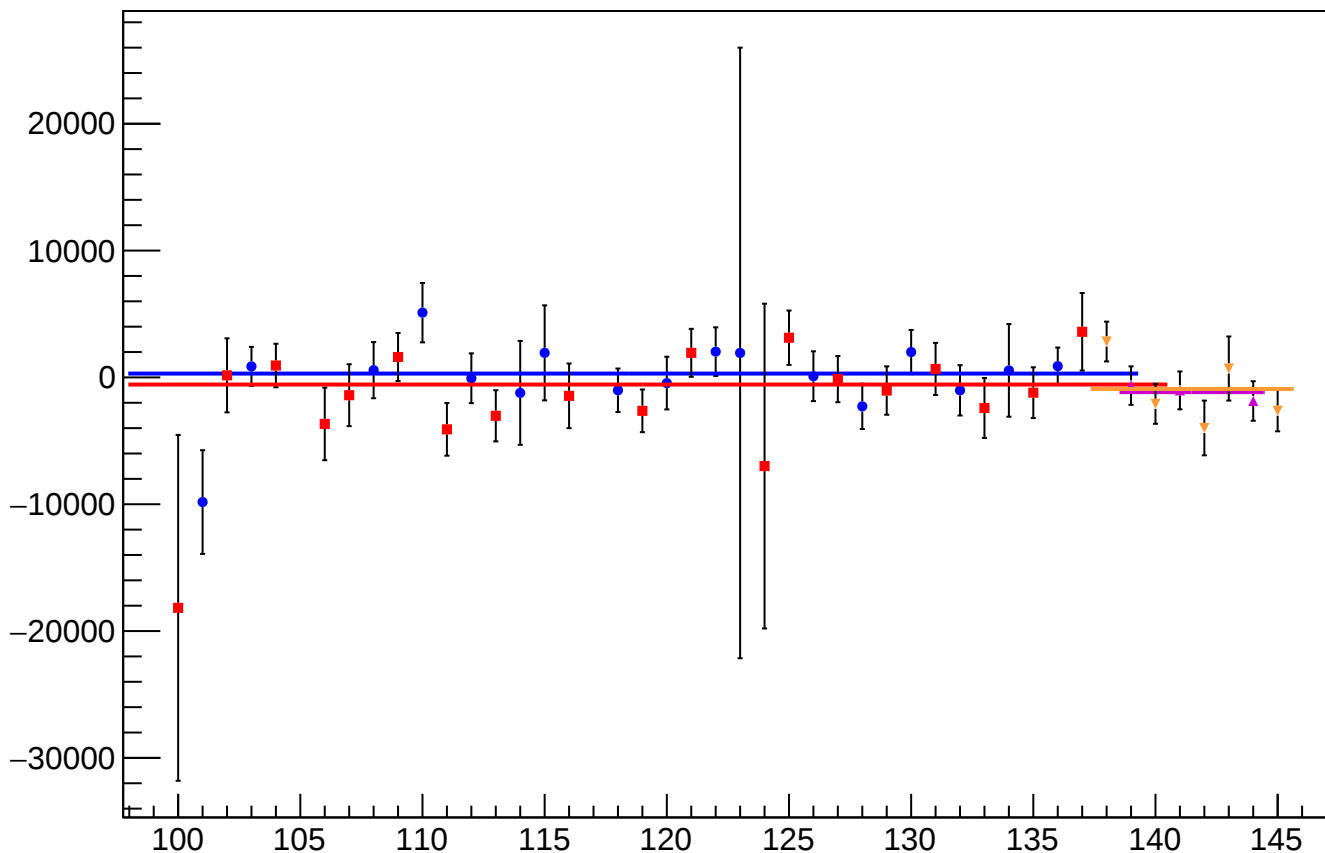
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

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

Out: 3587.126+/-0.801 χ^2/NDF : 776769.9/23

All: 3737.068+/-0.607 χ^2/NDF : 1279777.3/43

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: -912.253 $\pm$ 801.438 χ^2 /NDF:9.8/4

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

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

Left: -1025.804 $\pm$ 592.328 χ^2 /NDF: 10.2/7

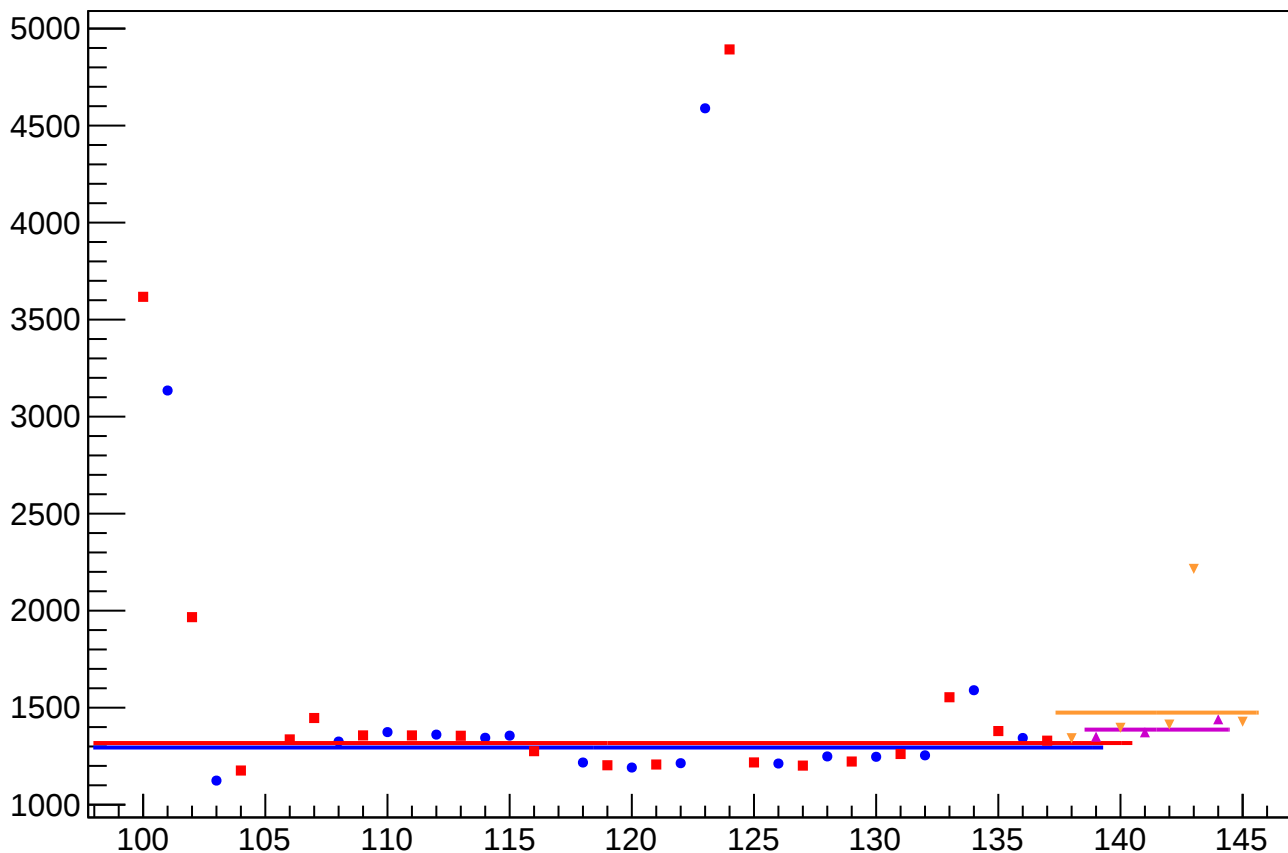
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

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

Out: -662.649 $\pm$ 429.265 χ^2 /NDF:29.1/23

All: -375.520 $\pm$ 308.277 χ^2 /NDF: 48.5/43

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

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

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

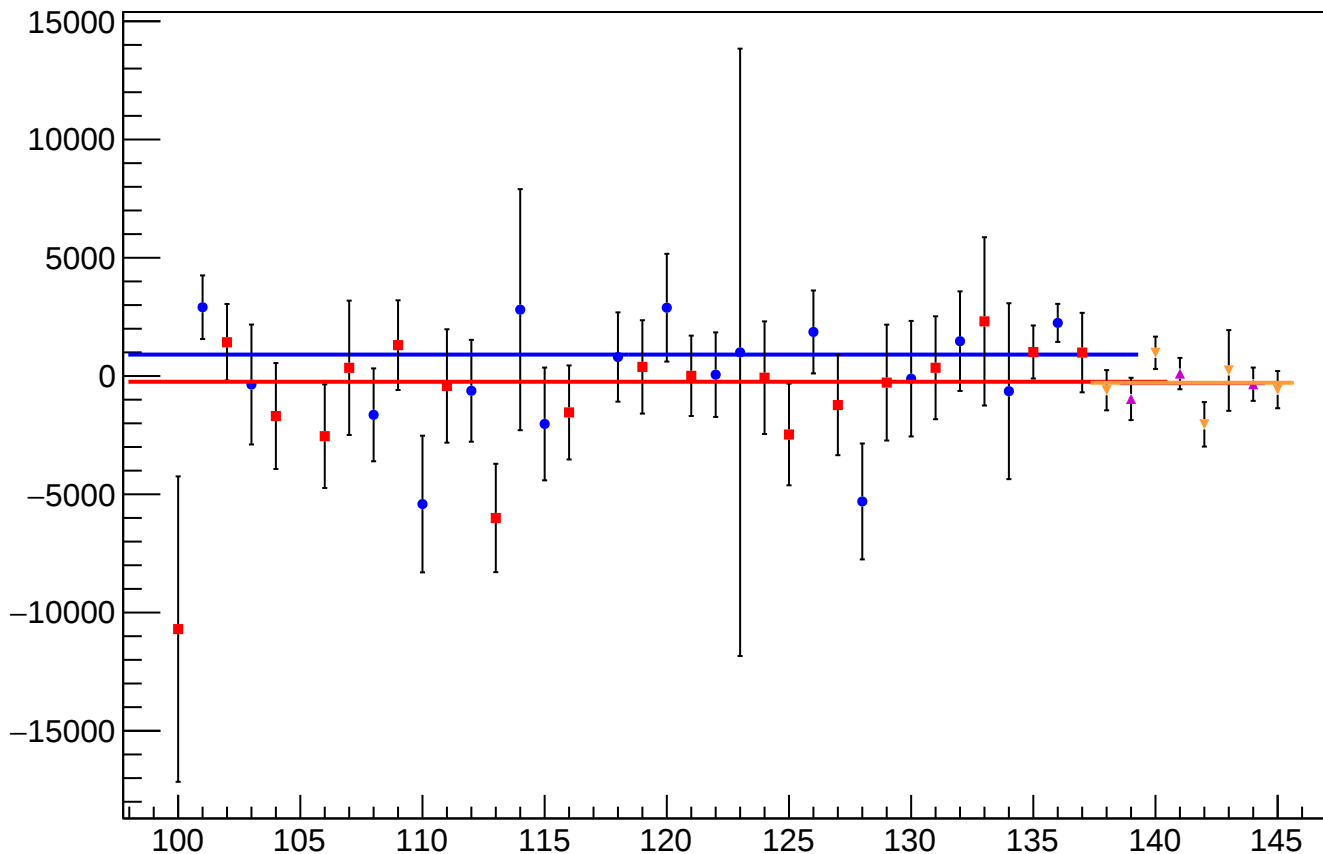
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

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

Out: 1362.783+/-0.304 χ^2/NDF : 639805.4/23

All: 1341.162+/-0.218 χ^2/NDF : 1178157.0/43

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -242.305+/-463.339 χ^2/NDF : 16.5/18

Left In: -301.132+/-424.622 χ^2/NDF : 0.9/2

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

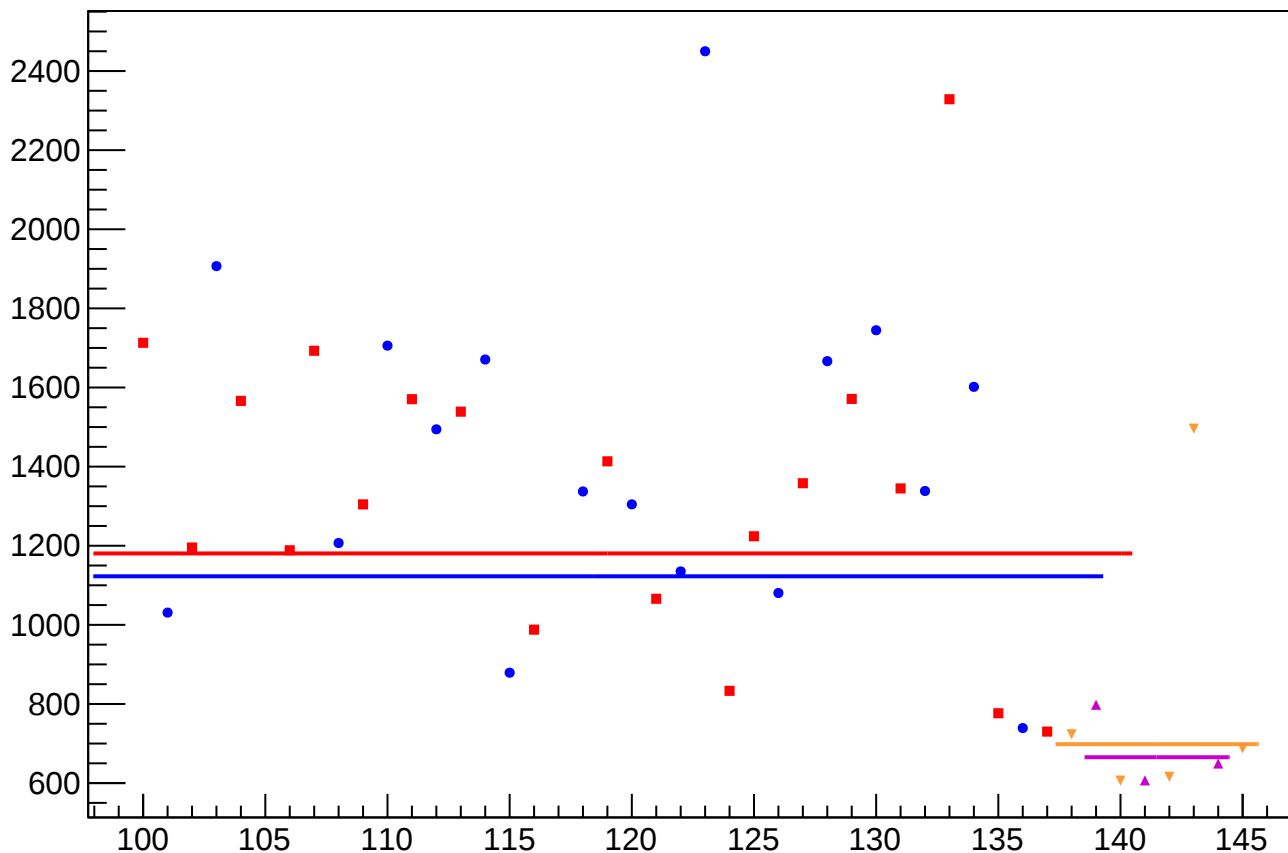
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

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

Out: -266.403+/-297.773 χ^2/NDF : 23.8/23

All: -14.380+/-214.983 χ^2/NDF : 52.0/43

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 698.405+/-0.275 χ^2/NDF : 490675.1/4

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 665.406+/-0.300 χ^2/NDF : 60503.7/2

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

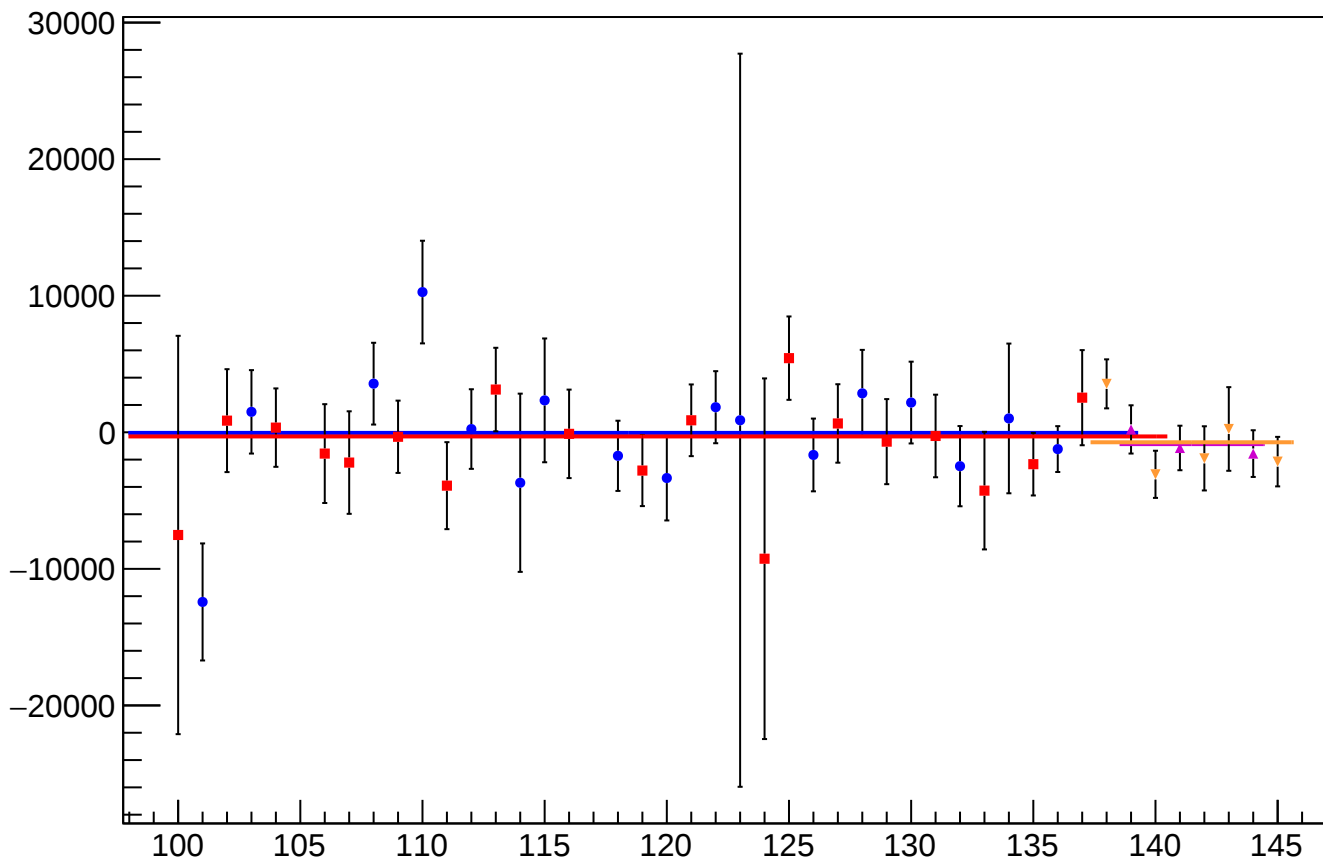
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

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

Out: 897.542+/-0.211 χ^2/NDF : 2797266.4/23

All: 888.135+/-0.152 χ^2/NDF : 5127944.0/43

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -730.845 ± 898.787 $\chi^2/\text{NDF}: 8.5/4$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -864.624 ± 981.088 $\chi^2/\text{NDF}: 0.6/2$

Left: -791.889 ± 662.727 $\chi^2/\text{NDF}: 9.1/7$

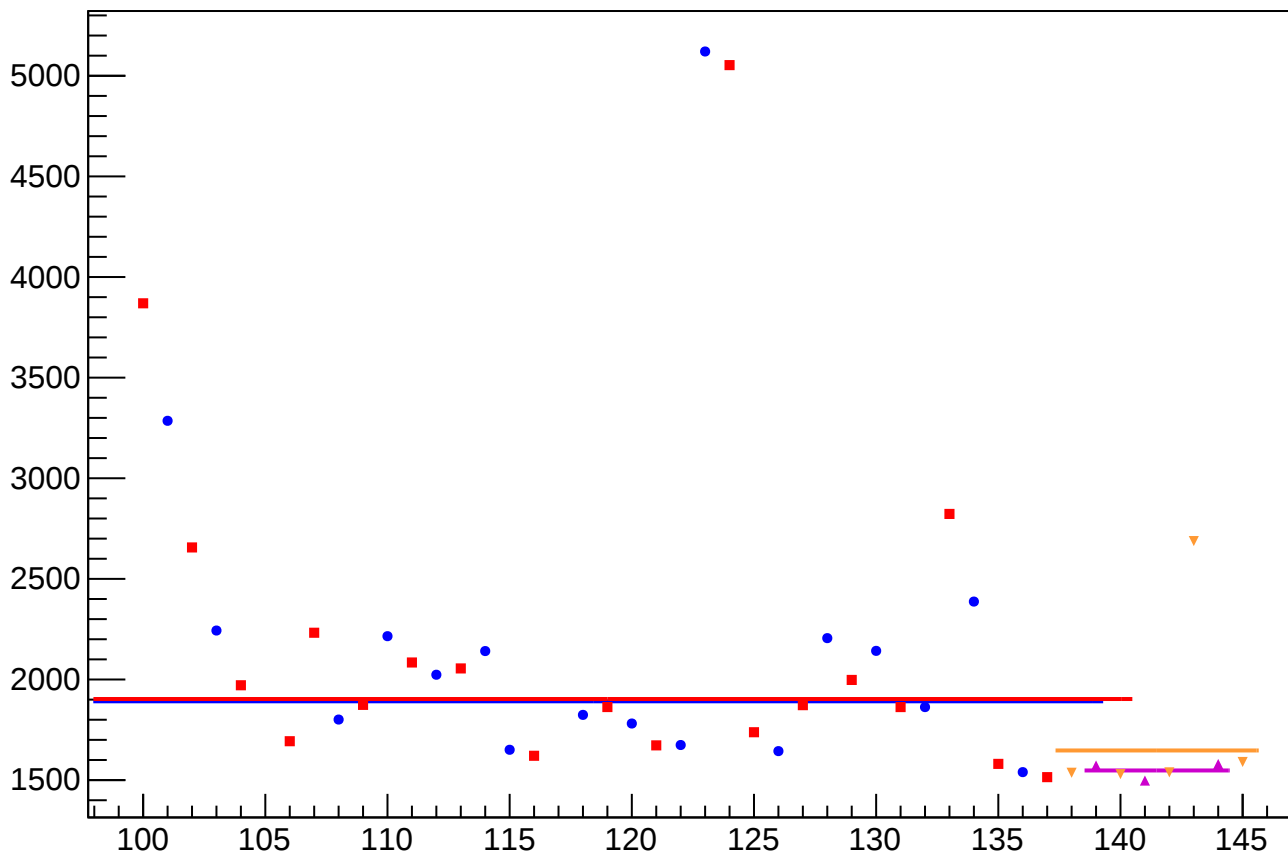
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -345.685 ± 594.628 $\chi^2/\text{NDF}: 24.2/19$

Out: -474.738 ± 568.722 $\chi^2/\text{NDF}: 19.5/23$

All: -413.084 ± 411.001 $\chi^2/\text{NDF}: 43.7/43$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

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

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

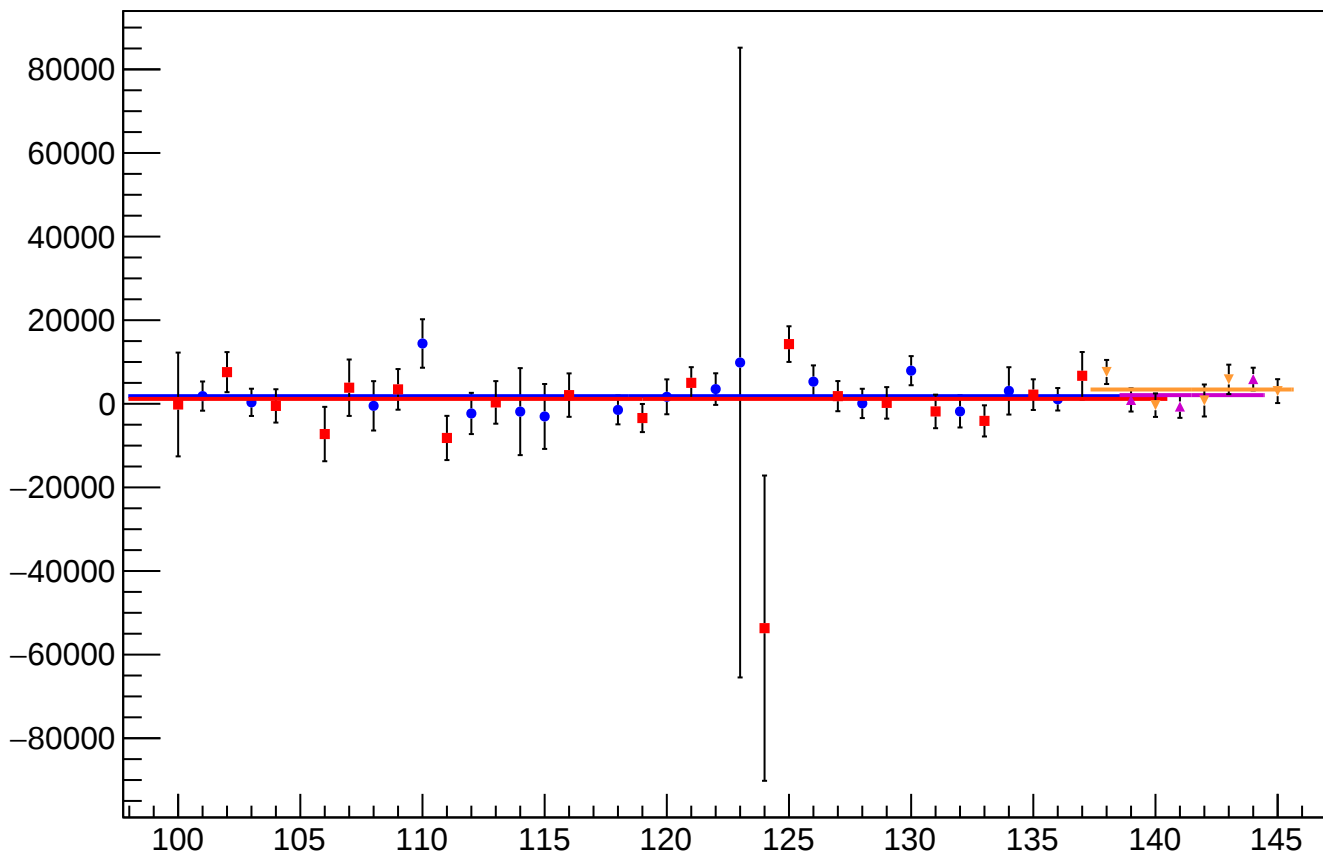
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

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

Out: 1800.635 $\pm$ 0.402 χ^2 /NDF: 811234.6/23

All: 1783.803 $\pm$ 0.291 χ^2 /NDF: 1442297.6/43

dit_asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

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

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

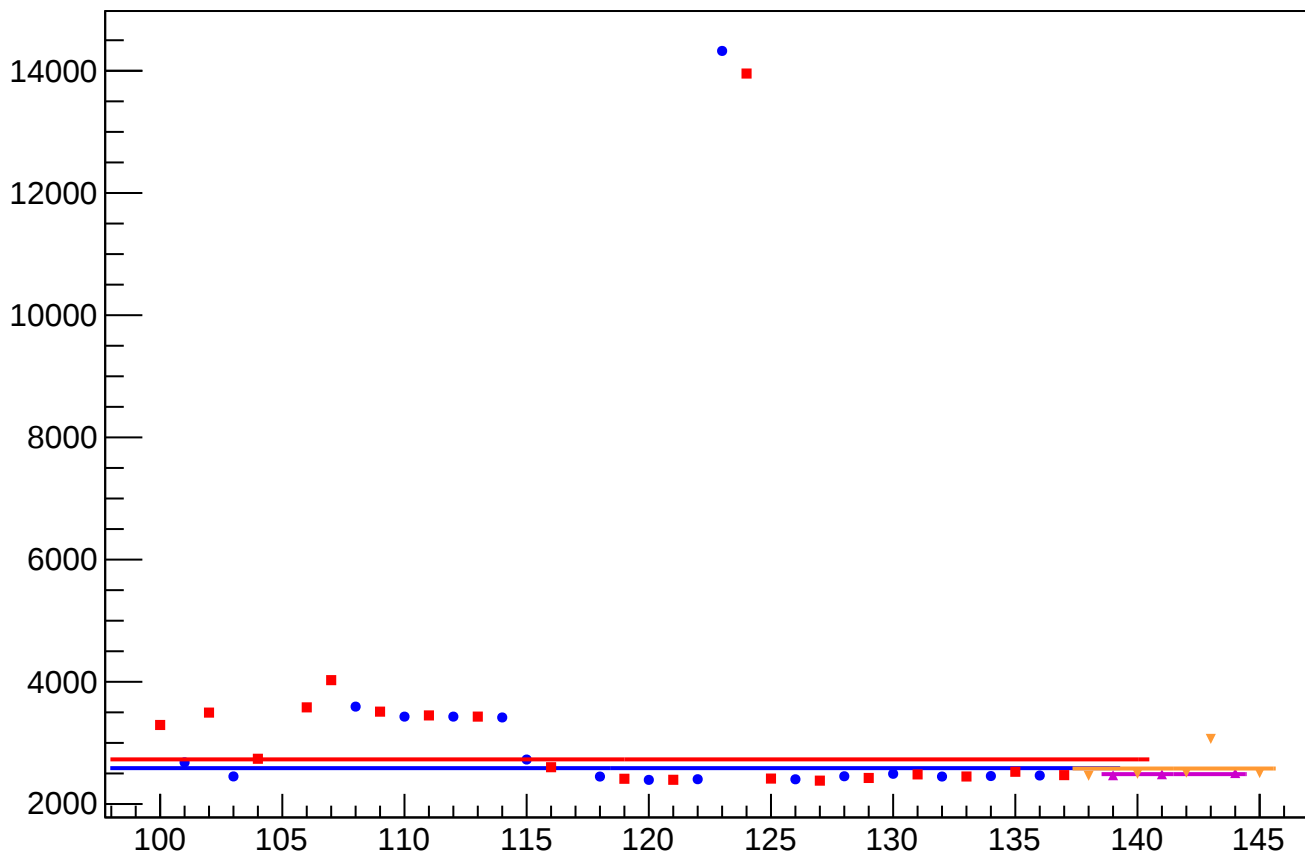
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

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

Out: 1986.260 $\pm$ 835.663 χ^2 /NDF:32.0/23

All: 1942.653 $\pm$ 596.146 χ^2 /NDF: 47.8/43

dit_asym_atl1_rms vs Slug, Sign Corrected



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

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

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

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

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

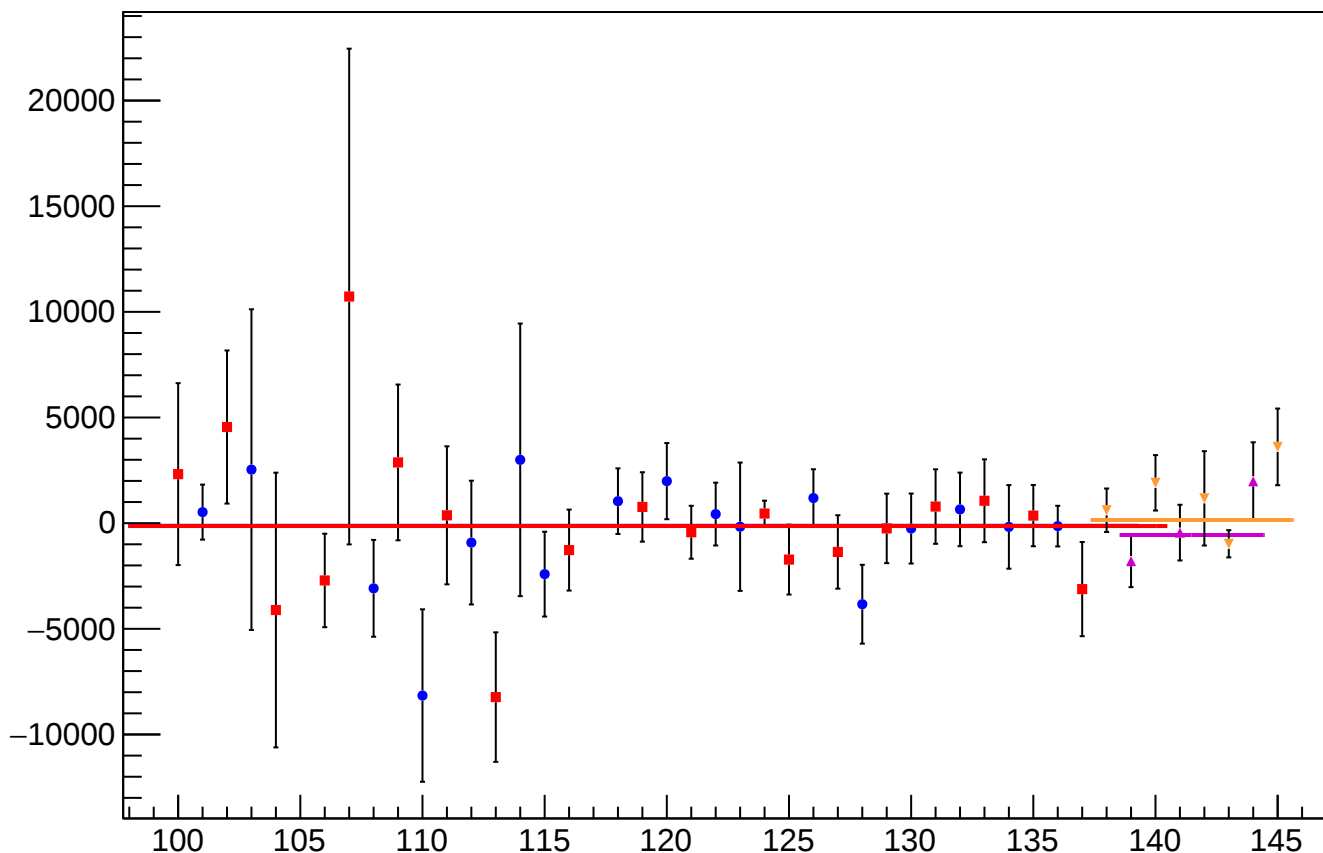
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

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

Out: 2676.321+/-0.591 χ^2/NDF : 645006.3/23

All: 2618.453+/-0.422 χ^2/NDF : 924288.8/43

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 150.355+/-474.467 χ^2/NDF : 8.9/4

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: -559.694+/-809.113 χ^2/NDF : 2.9/2

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

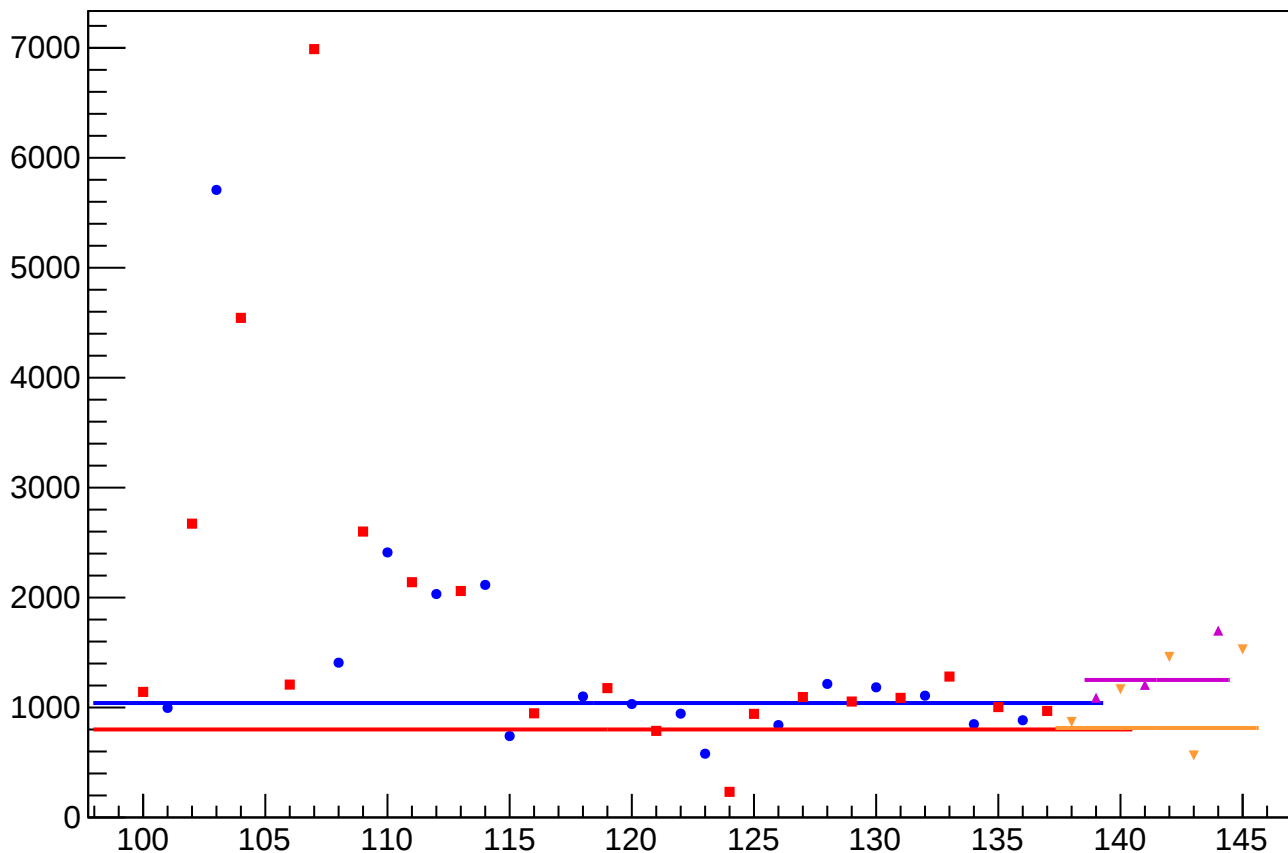
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

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

Out: -23.897+/-296.333 χ^2/NDF : 27.0/23

All: -98.220+/-233.733 χ^2/NDF : 45.0/43

asym_atl1_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

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

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

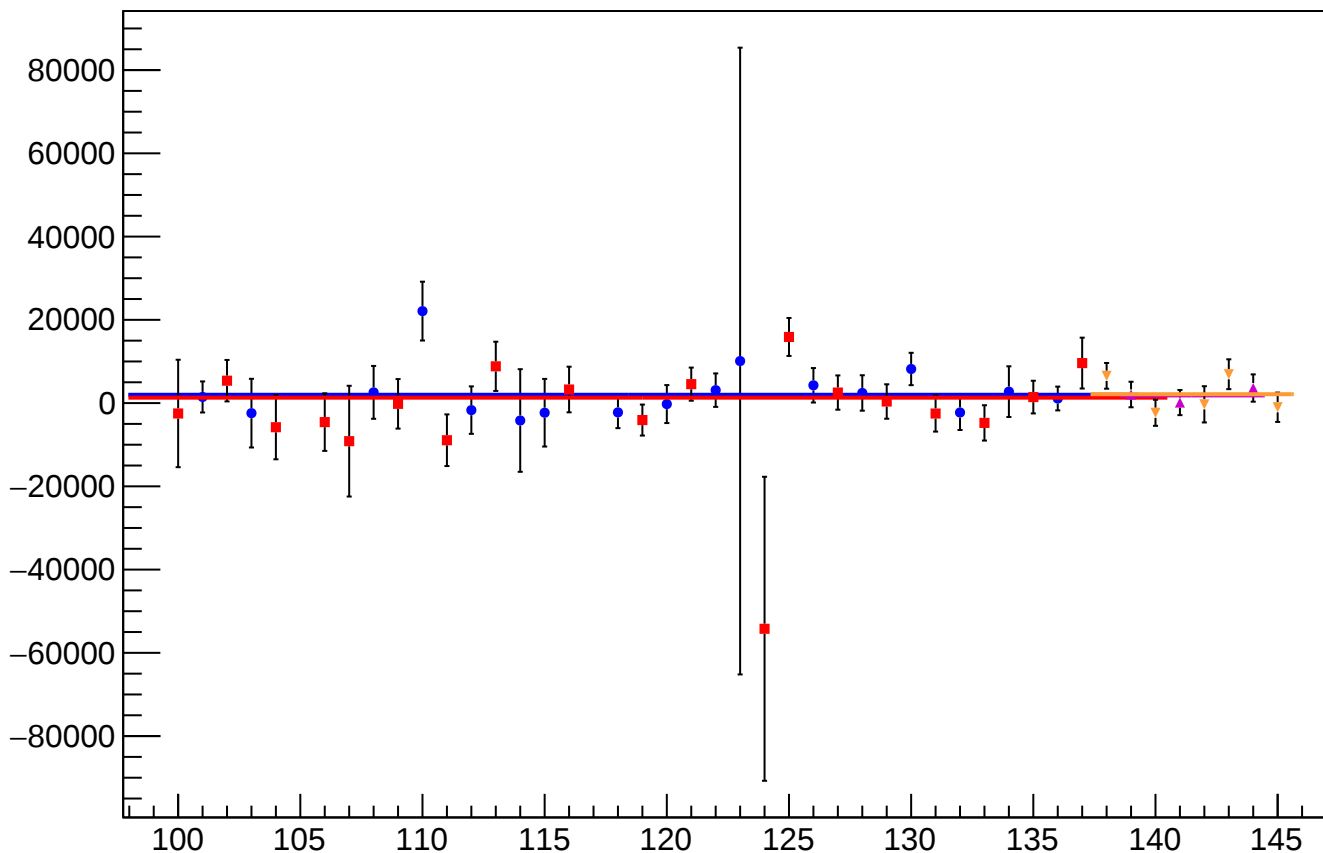
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

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

Out: 805.667+/-0.210 χ^2/NDF :6117219.1/23

All: 912.028+/-0.165 χ^2/NDF : 8632113.0/43

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 2131.162+/-1547.632 χ^2/NDF : 7.0/4

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1841.847+/-1798.775 χ^2/NDF : 0.6/2

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

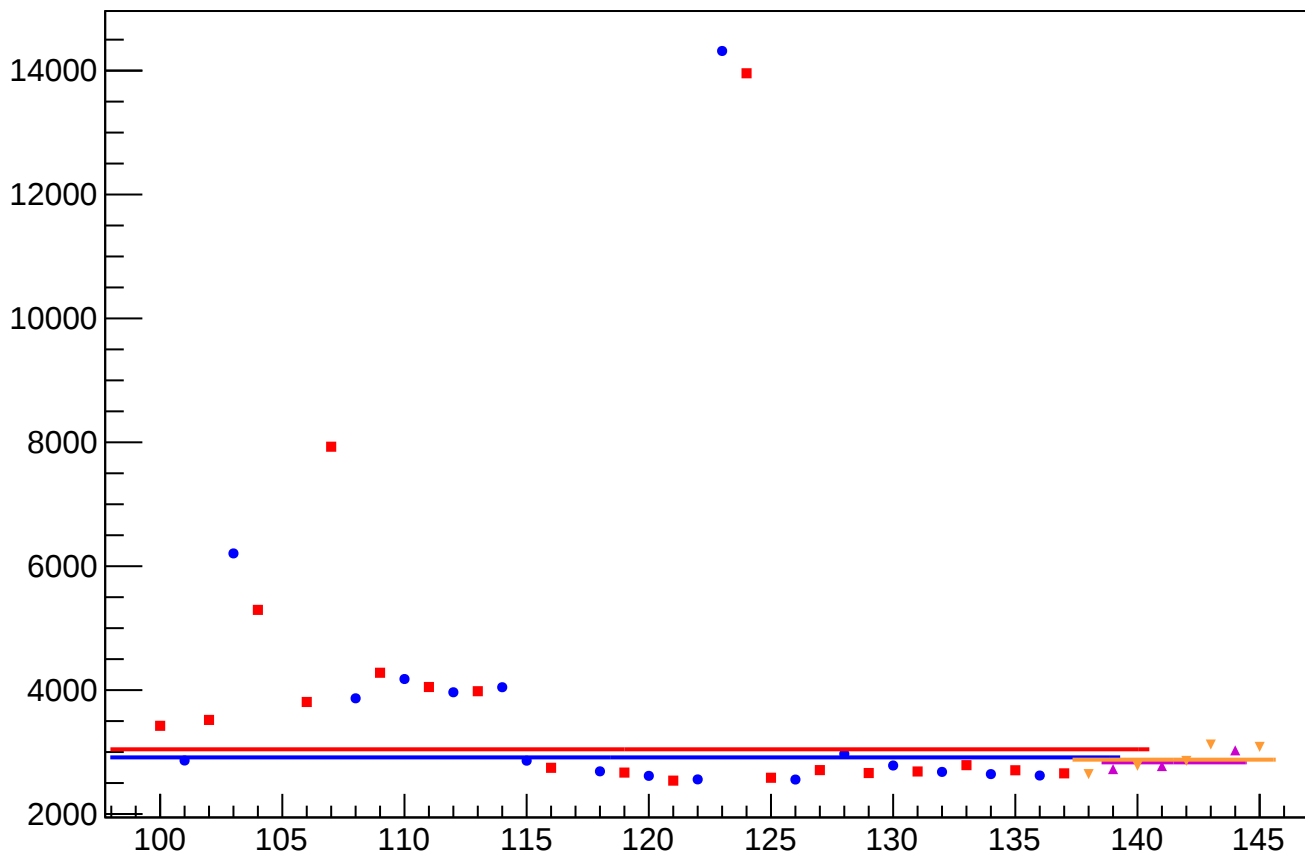
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

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

Out: 1610.978+/-942.695 χ^2/NDF : 34.7/23

All: 1775.887+/-676.684 χ^2/NDF : 50.3/43

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2877.249+/-1.094 χ^2/NDF : 29565.0/4

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

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

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

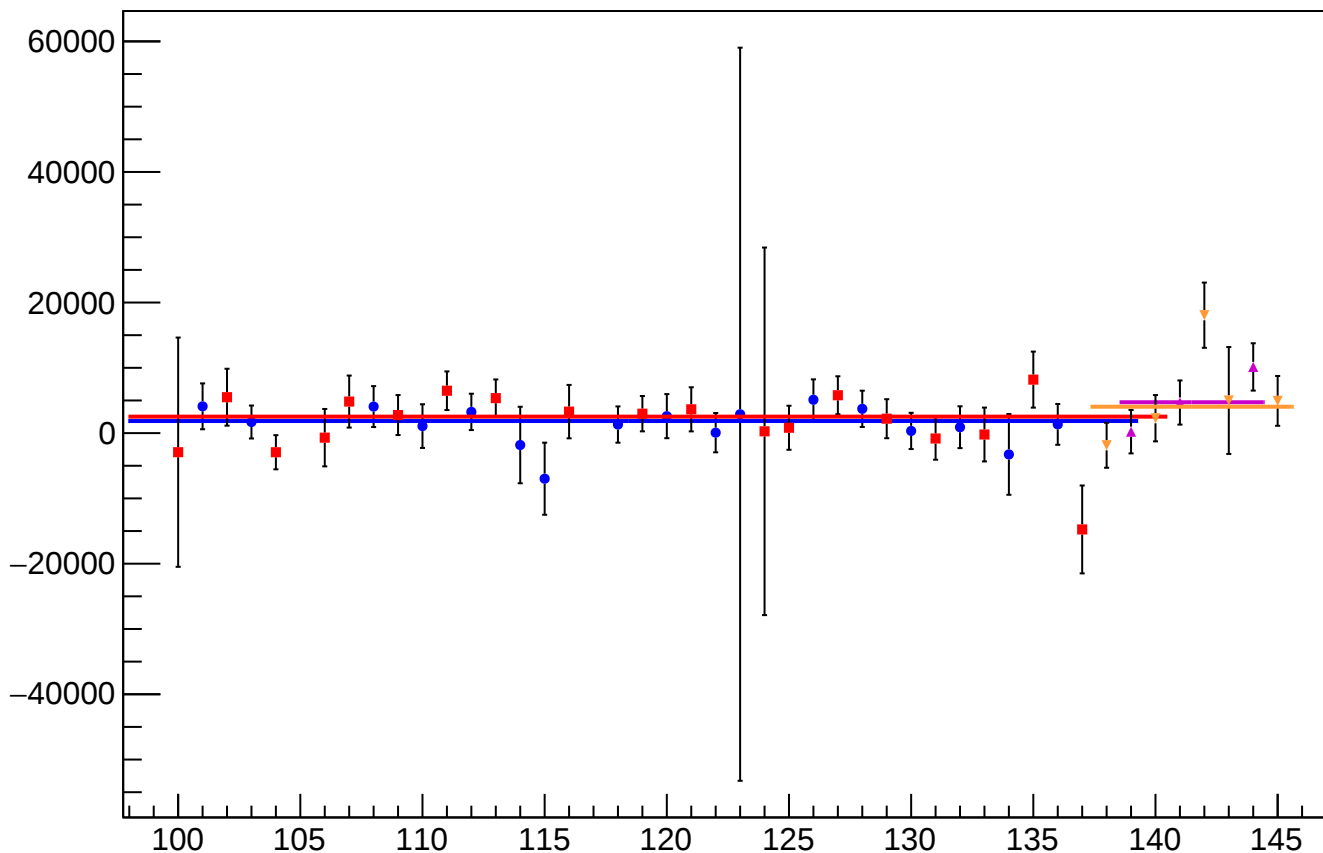
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

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

Out: 2982.428+/-0.667 χ^2/NDF : 1049578.2/23

All: 2937.834+/-0.478 χ^2/NDF : 1710886.6/43

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 4042.217+/-1865.134 χ^2/NDF : 11.1/4

Right Out: 2523.303+/-818.432 χ^2/NDF : 20.1/18

Left In: 4726.958+/-1984.151 χ^2/NDF : 4.1/2

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

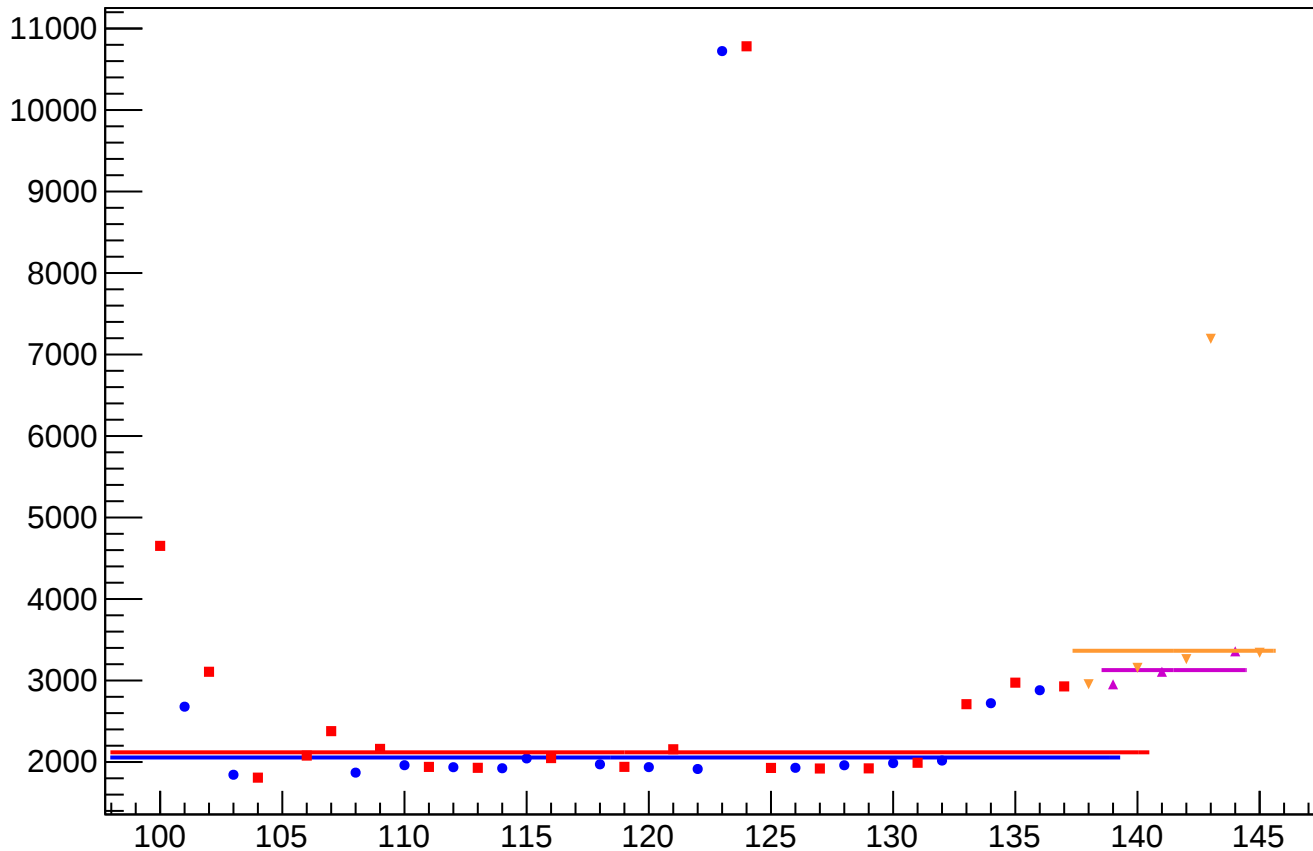
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

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

Out: 2768.549+/-749.452 χ^2/NDF : 31.8/23

All: 2512.673+/-529.196 χ^2/NDF : 45.2/43

dit_asym_atl2_rms vs Slug, Sign Corrected



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

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

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

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

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

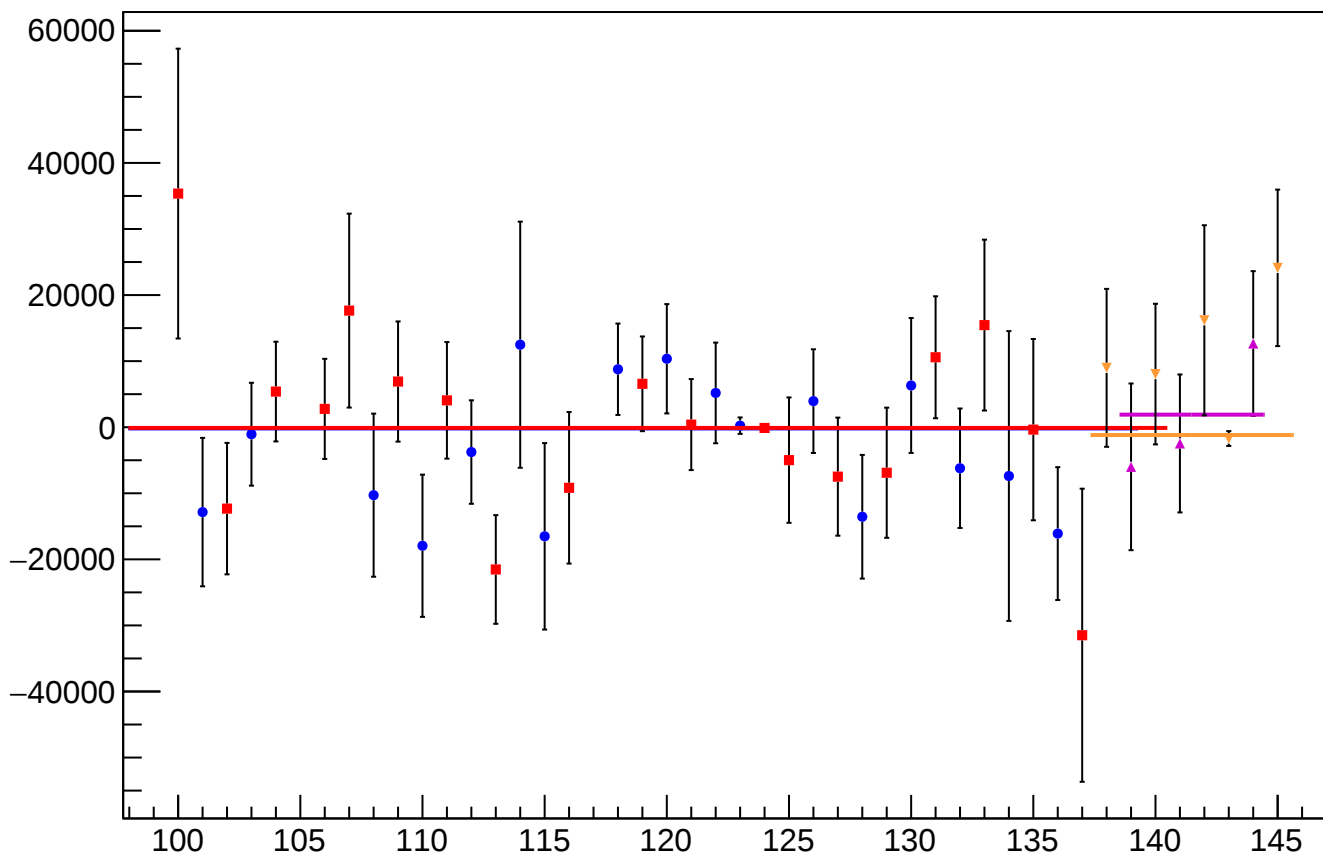
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

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

Out: 2319.502+/-0.529 χ^2/NDF : 1796338.6/23

All: 2263.453+/-0.374 χ^2/NDF : 2650038.8/43

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1187.808+/-1103.131 χ^2/NDF : 7.7/4

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 1901.767+/-6483.327 χ^2/NDF : 1.5/2

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

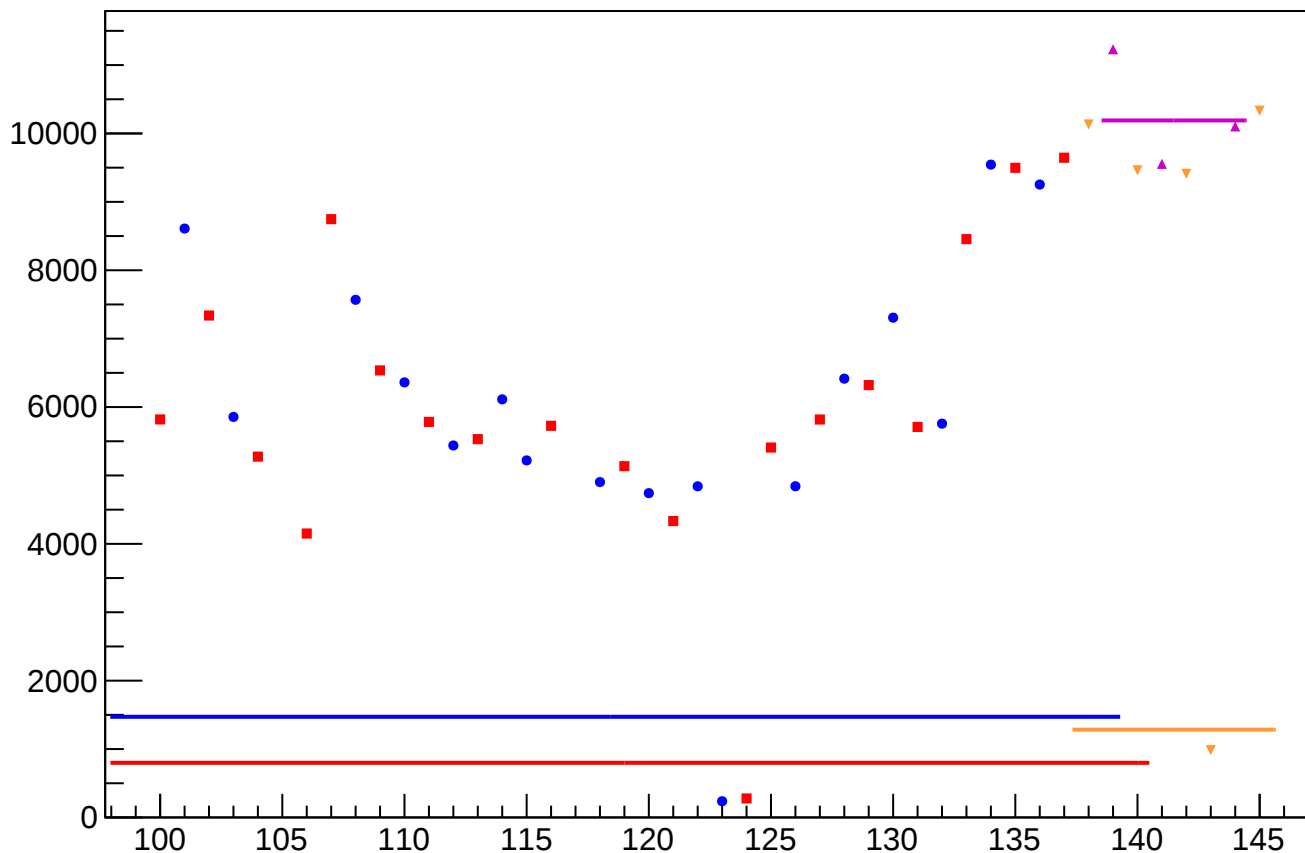
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

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

Out: -411.153+/-585.377 χ^2/NDF : 30.0/23

All: -347.060+/-515.207 χ^2/NDF : 48.0/43

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1283.682+/-0.780

χ^2/NDF : 4225921.5/4

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 10190.223+/-4.584

χ^2/NDF : 21125.7/2

Left: 1534.277+/-0.769

χ^2/NDF : 7915287.3/7

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 1715.901+/-0.767

χ^2/NDF : 13324876.6/19

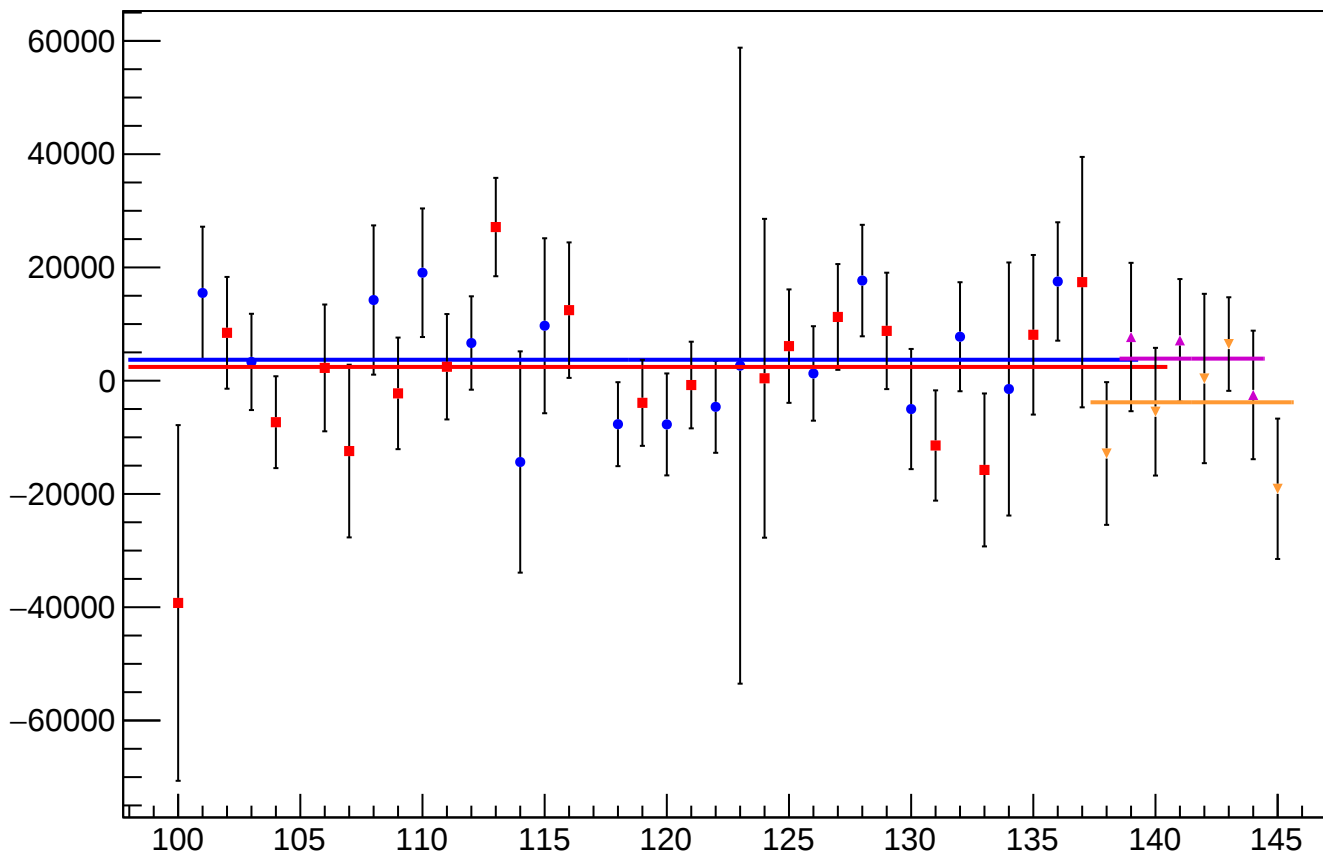
Out: 935.225+/-0.414

χ^2/NDF : 16031183.9/23

All: 1111.169+/-0.364

χ^2/NDF : 30157749.1/4

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: -3813.577+/-5012.812 χ^2/NDF : 3.7/4

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 3895.216+/-6722.969 χ^2/NDF : 0.5/2

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

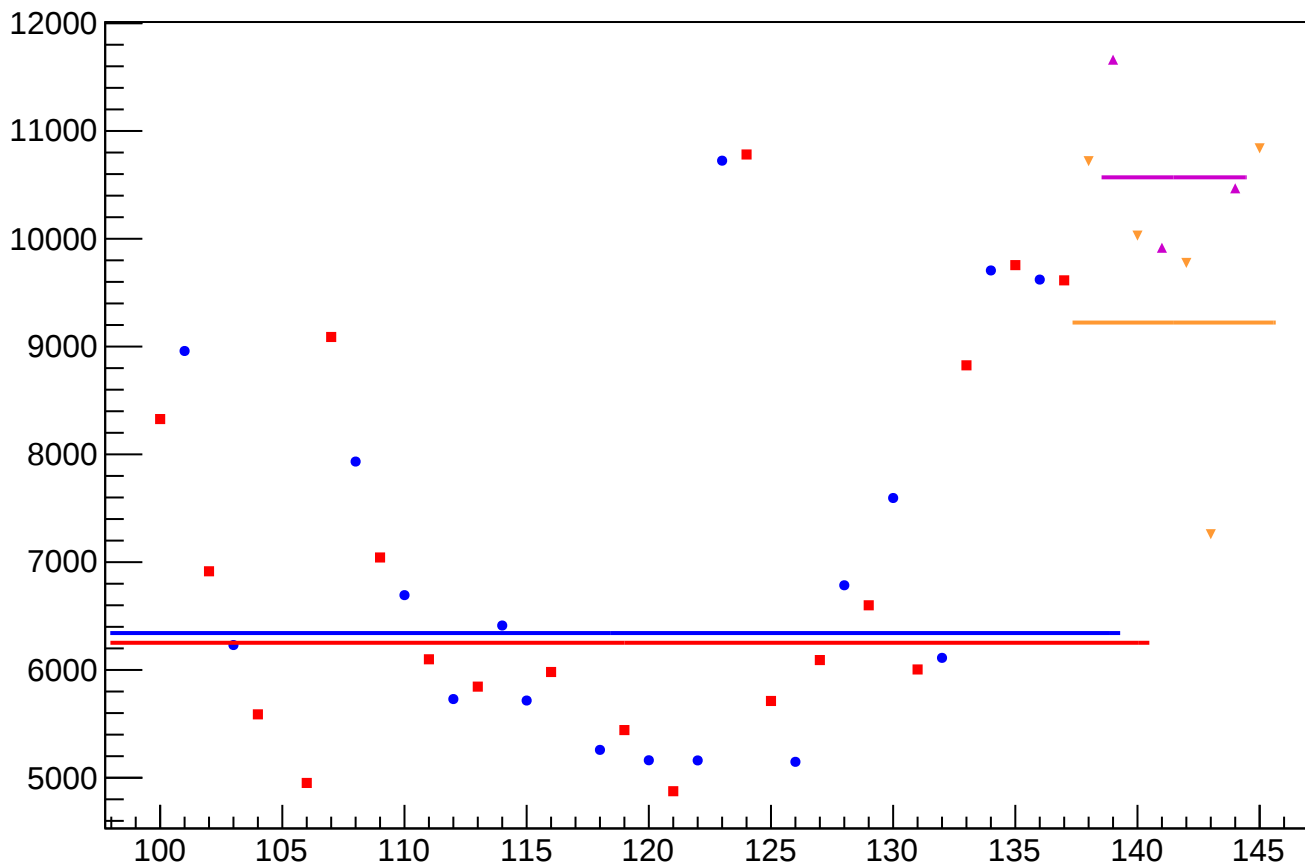
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

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

Out: 1248.969+/-2180.367 χ^2/NDF : 25.2/23

All: 2389.138+/-1600.869 χ^2/NDF : 40.7/43

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9222.799 $\pm$ 3.545 χ^2/NDF :188180.7/4

Right Out: 6252.137 $\pm$ 1.712 χ^2/NDF : 538031.2/18

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

Left: 9704.151 $\pm$ 2.842 χ^2/NDF : 261118.0/7

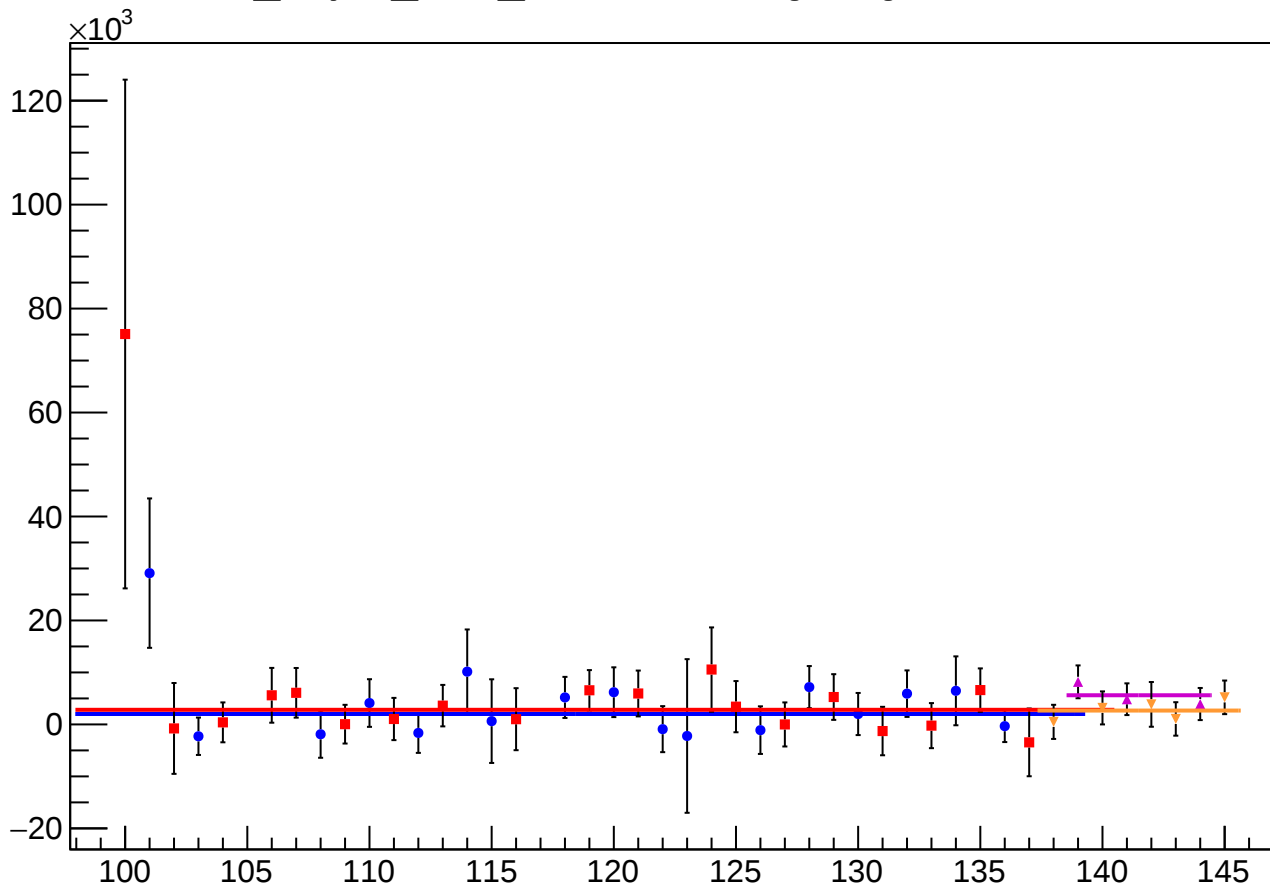
Right: 6295.468 $\pm$ 1.234 χ^2/NDF : 1133033.3/35

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

Out: 6814.112 $\pm$ 1.542 χ^2/NDF :1295721.0/23

All: 6836.364 $\pm$ 1.132 χ^2/NDF : 2604743.9/43

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2667.567+/-1510.354 χ^2/NDF : 1.4/4

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

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

Left: 3892.295+/-1154.137 χ^2/NDF : 4.0/7

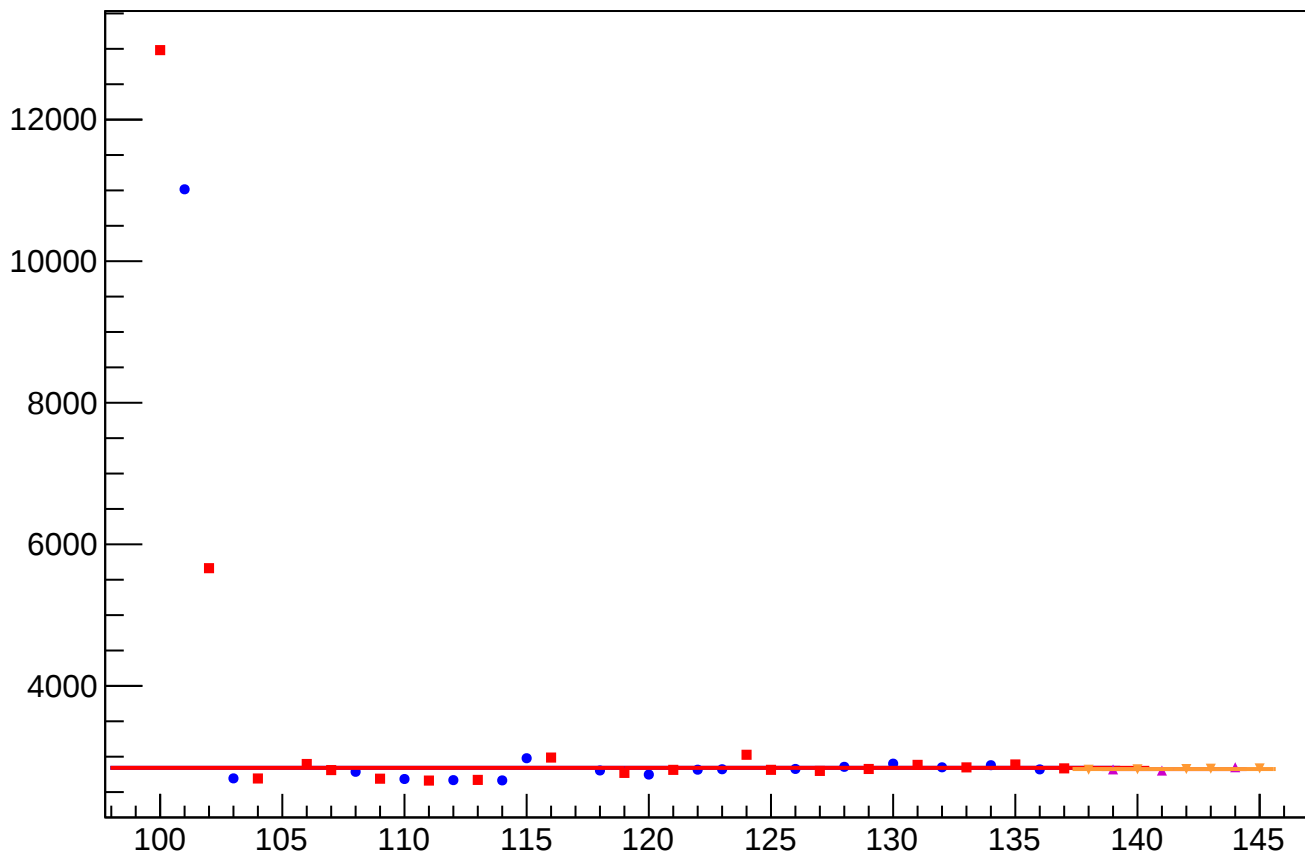
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

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

Out: 2762.547+/-882.020 χ^2/NDF : 11.9/23

All: 2884.591+/-647.213 χ^2/NDF : 29.6/43

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2825.383+/-1.068 χ^2/NDF : 40.2/4

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2825.163+/-1.265 χ^2/NDF : 240.8/2

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

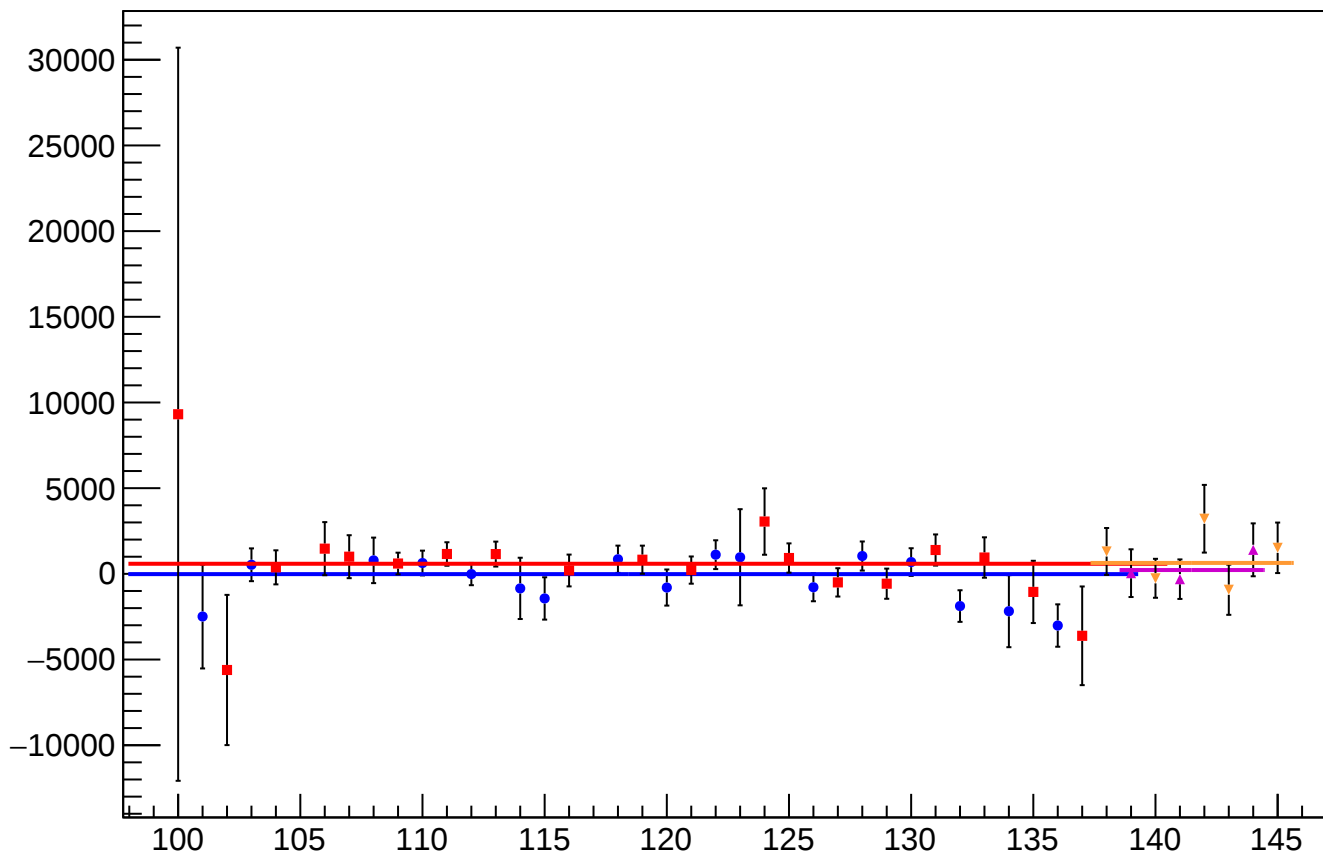
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

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

Out: 2836.623+/-0.624 χ^2/NDF : 312543.9/23

All: 2837.110+/-0.458 χ^2/NDF : 973227.6/43

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 637.663 ± 633.536 χ^2/NDF : 4.1/4

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 222.870 ± 769.816 χ^2/NDF : 0.8/2

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

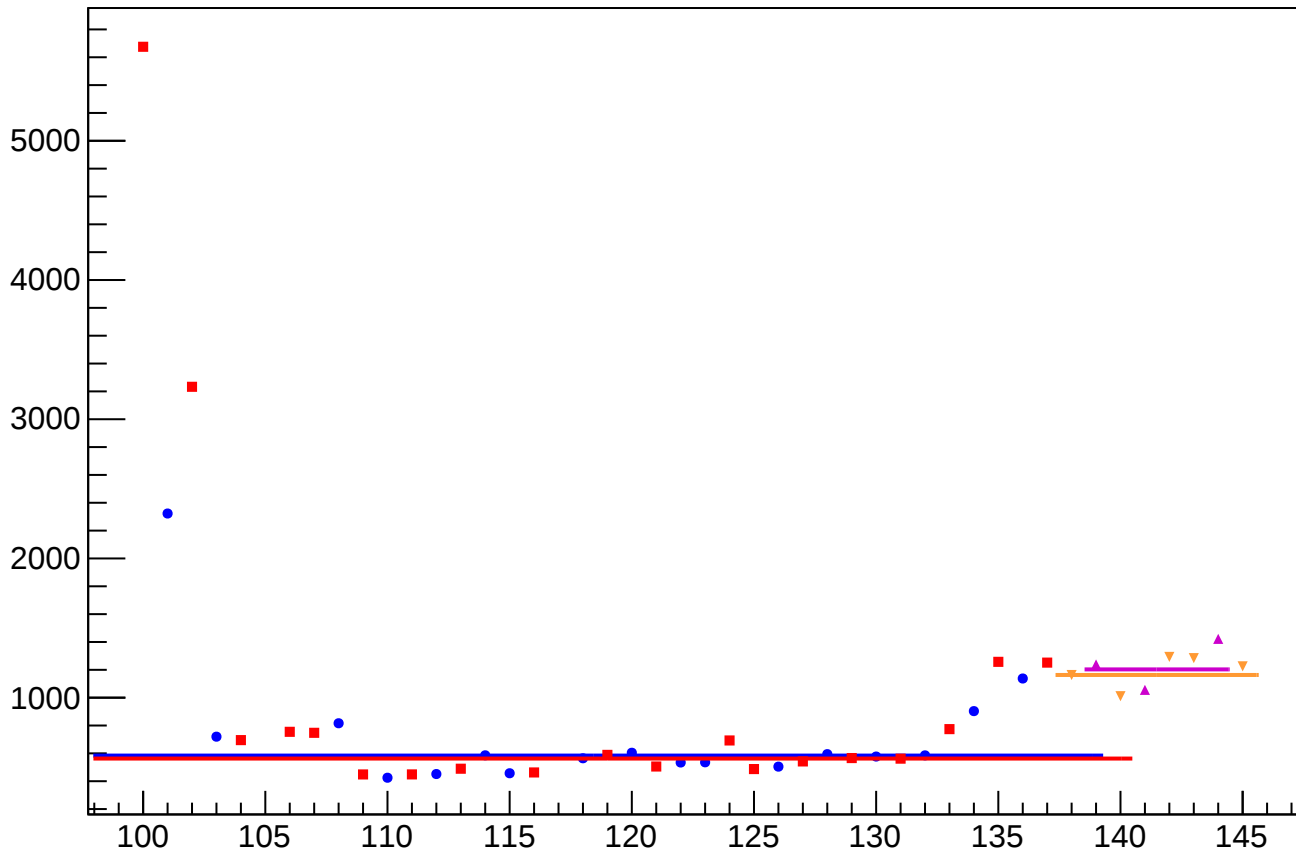
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 5.315 ± 228.133 χ^2/NDF : 22.5/19

Out: 594.113 ± 212.693 χ^2/NDF : 17.6/23

All: 320.311 ± 155.569 χ^2/NDF : 43.6/43

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 1163.088+/-0.448 χ^2/NDF : 61830.4/4

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

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

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

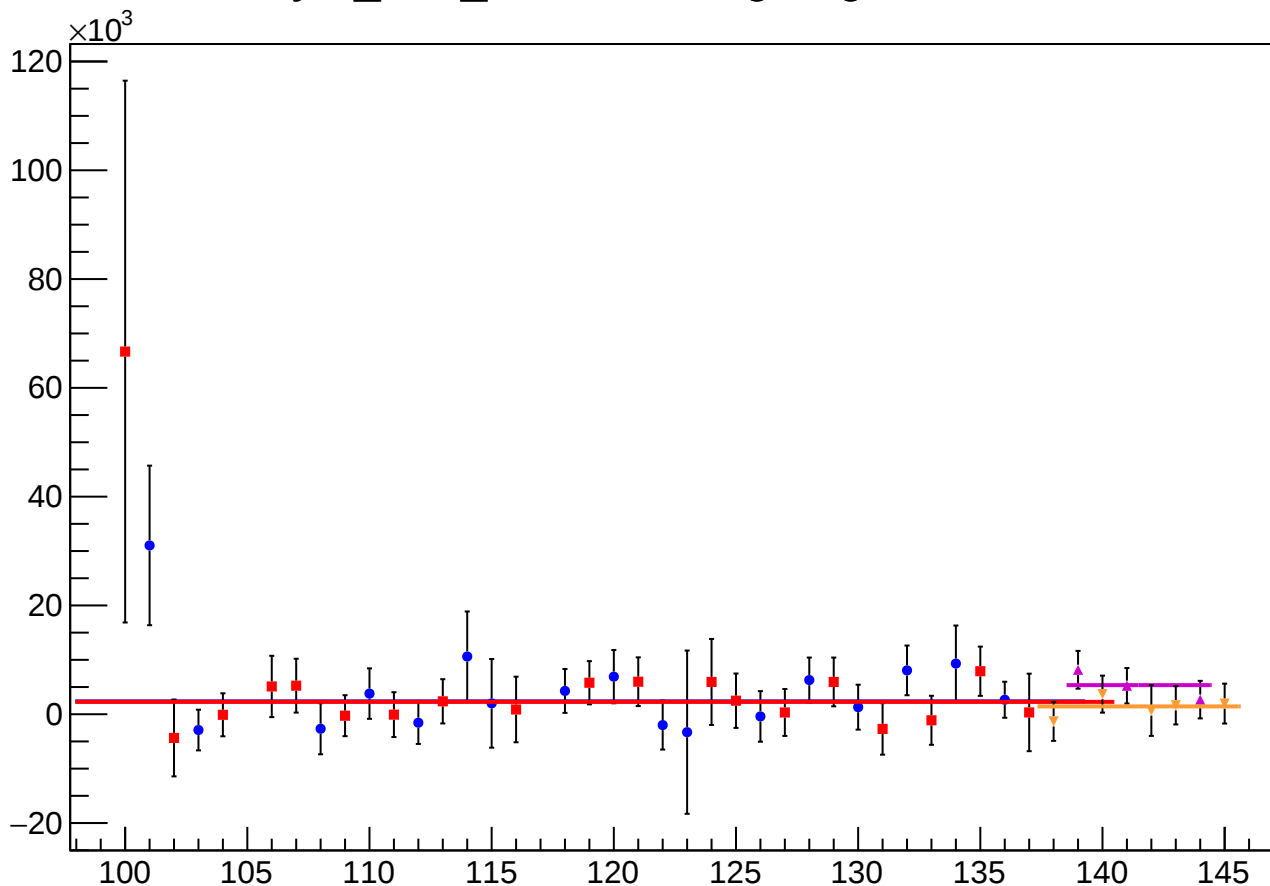
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

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

Out: 630.363+/-0.150 χ^2/NDF : 3295173.4/23

All: 634.109+/-0.110 χ^2/NDF : 5986952.6/43

asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 1439.329 $\pm$ 1654.129 χ^2 /NDF:1.1/4

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

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

Left: 3069.188 $\pm$ 1263.308 χ^2 /NDF: 4.7/7

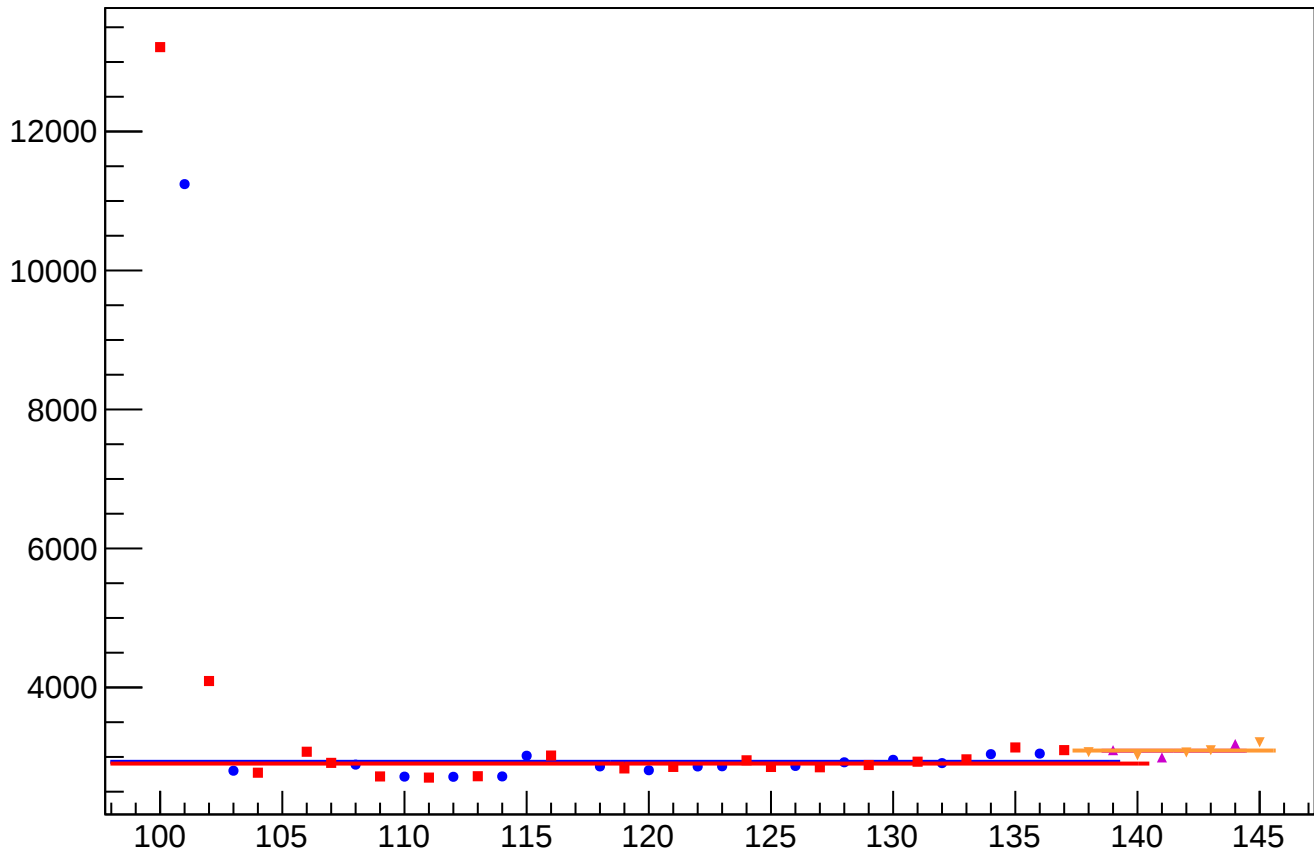
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

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

Out: 2016.725 $\pm$ 922.656 χ^2 /NDF:11.5/23

All: 2534.250 $\pm$ 677.437 χ^2 /NDF: 30.2/43

asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 3092.121+/-1.170 χ^2/NDF : 3107.4/4

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 3088.428+/-1.384 χ^2/NDF : 3323.2/2

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

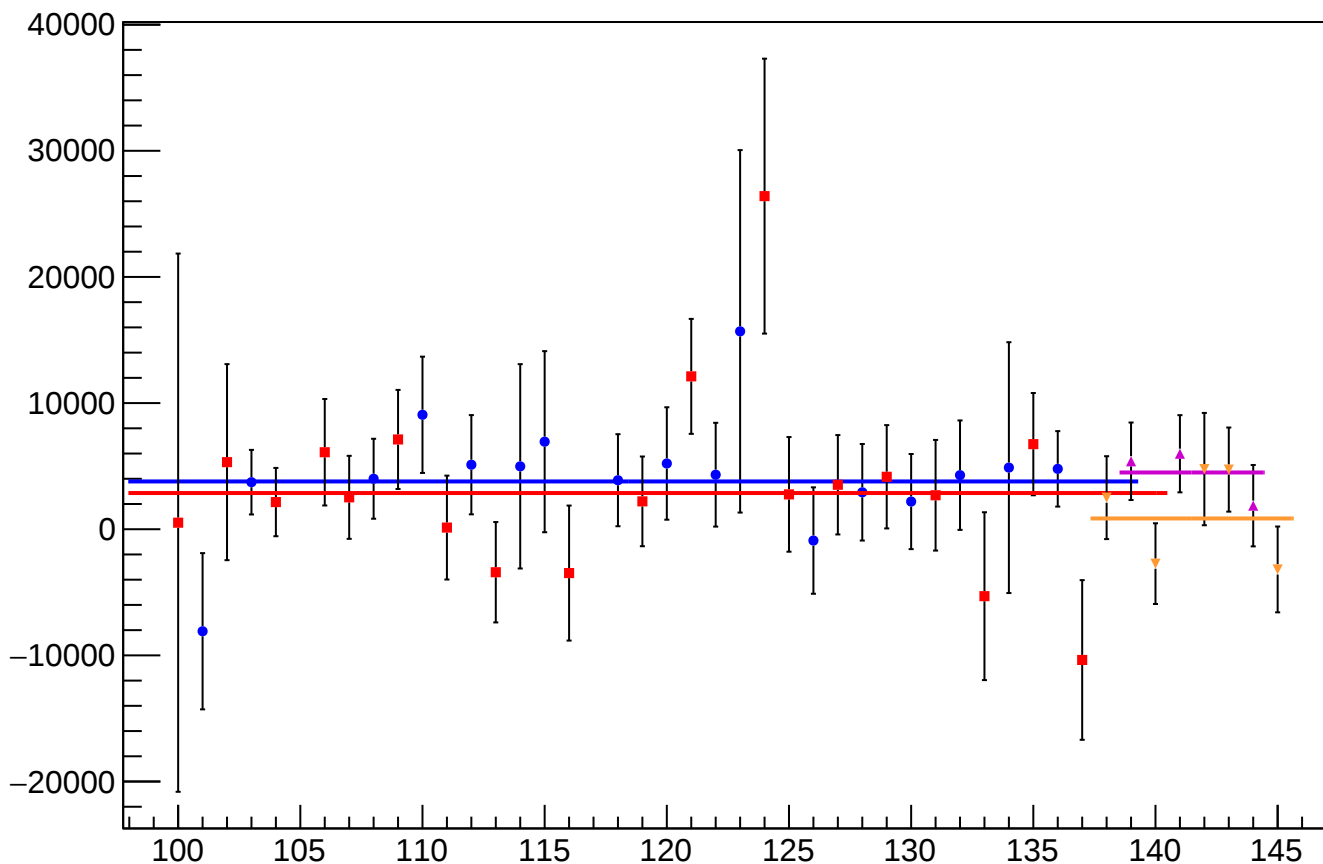
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

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

Out: 2962.923+/-0.652 χ^2/NDF : 190108.2/23

All: 2966.614+/-0.479 χ^2/NDF : 865872.0/43

dit_asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: 852.897+/-1548.210 χ^2/NDF : 5.0/4

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 4498.523+/-1799.264 χ^2/NDF : 1.0/2

Left: 2403.824+/-1173.558 χ^2/NDF : 8.4/7

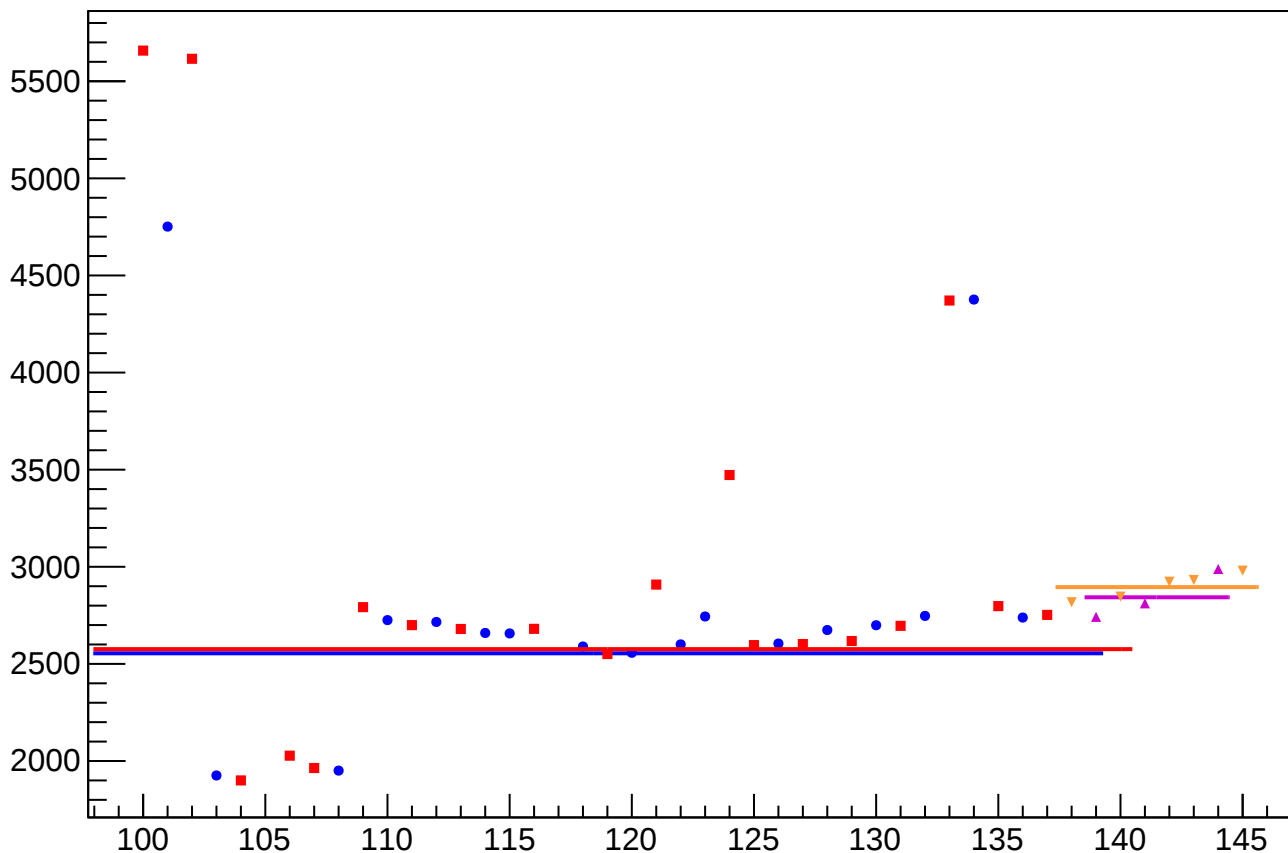
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3957.640+/-879.480 χ^2/NDF : 8.8/19

Out: 2273.354+/-841.767 χ^2/NDF : 28.3/23

All: 3078.612+/-608.115 χ^2/NDF : 39.0/43

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2895.400 $\pm$ 1.095 χ^2 /NDF:3148.7/4

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

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

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

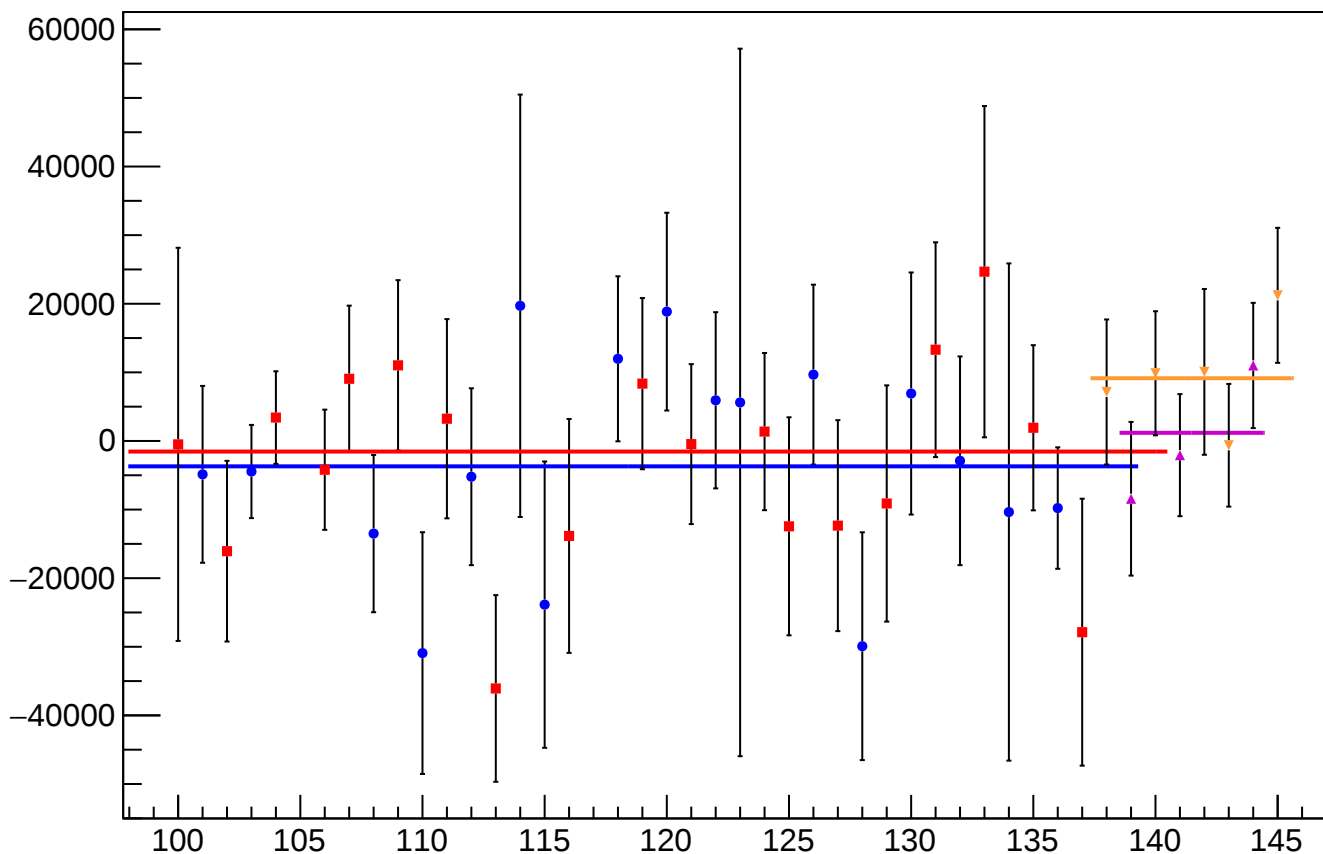
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

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

Out: 2670.419 $\pm$ 0.595 χ^2 /NDF:828249.4/23

All: 2647.969 $\pm$ 0.430 χ^2 /NDF: 1413409.2/43

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 9141.679+/-4434.495 χ^2/NDF : 2.7/4

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 1188.741+/-5538.220 χ^2/NDF : 2.0/2

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

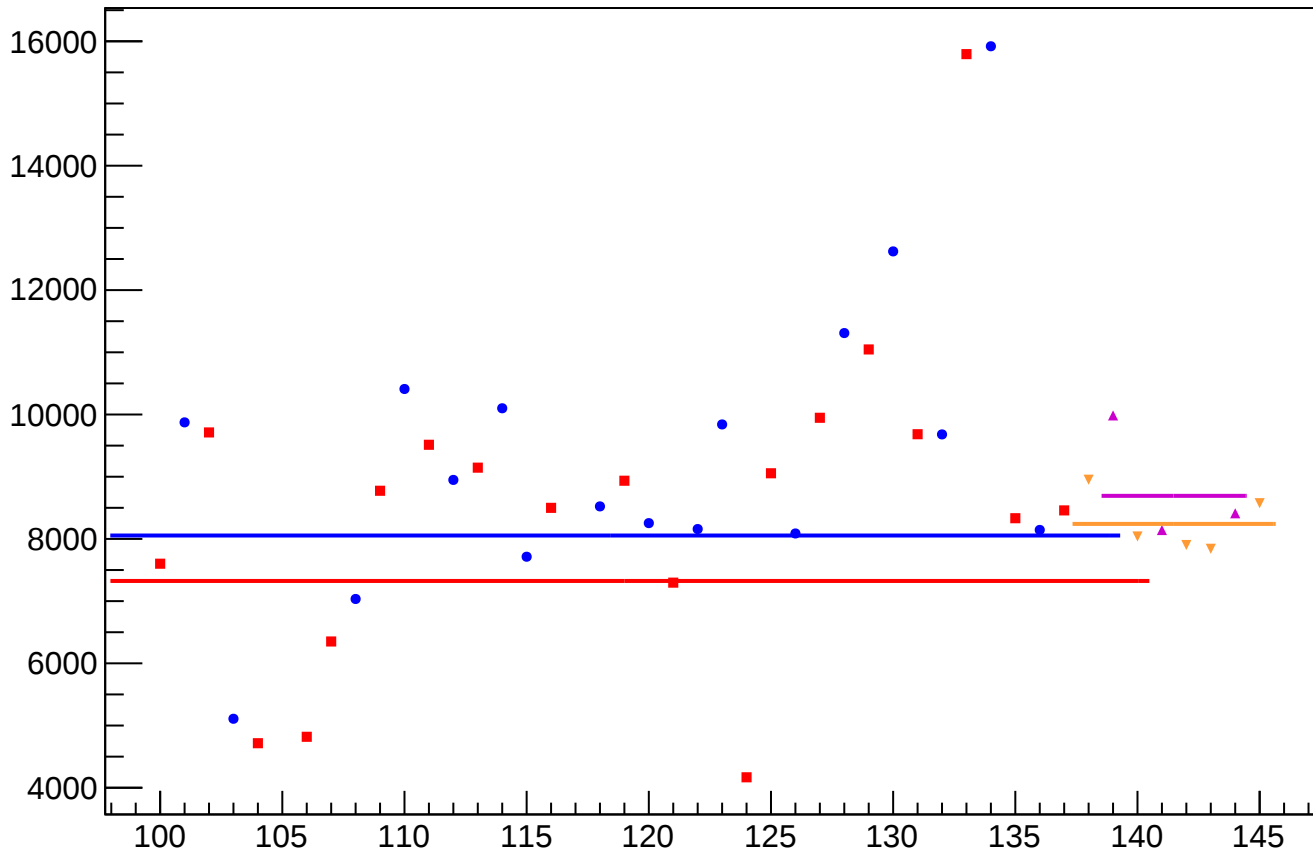
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

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

Out: 1651.499+/-2425.232 χ^2/NDF : 23.6/23

All: -126.156+/-1828.191 χ^2/NDF : 41.3/43

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 8241.443 $\pm$ 3.136 χ^2/NDF :17888.7/4

Right Out: 7324.291 $\pm$ 2.048 χ^2/NDF : 1336145.7/18

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

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

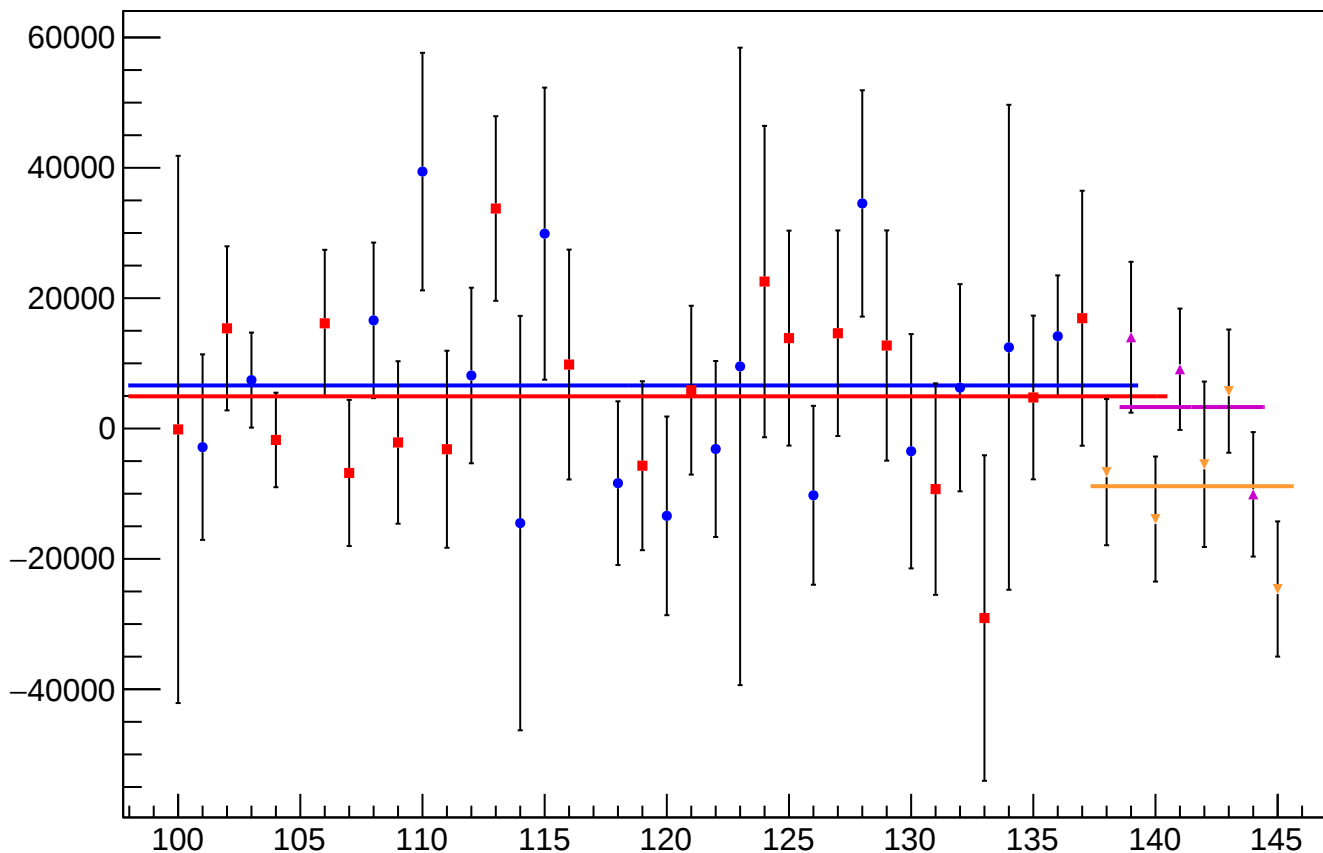
Right: 7651.290 $\pm$ 1.522 χ^2/NDF : 2213838.0/35

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

Out: 7598.613 $\pm$ 1.715 χ^2/NDF :1413996.8/23

All: 7865.059 $\pm$ 1.293 χ^2/NDF : 2346671.2/43

asym_atr2_mean vs Slug, Sign Corrected



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

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

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

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

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

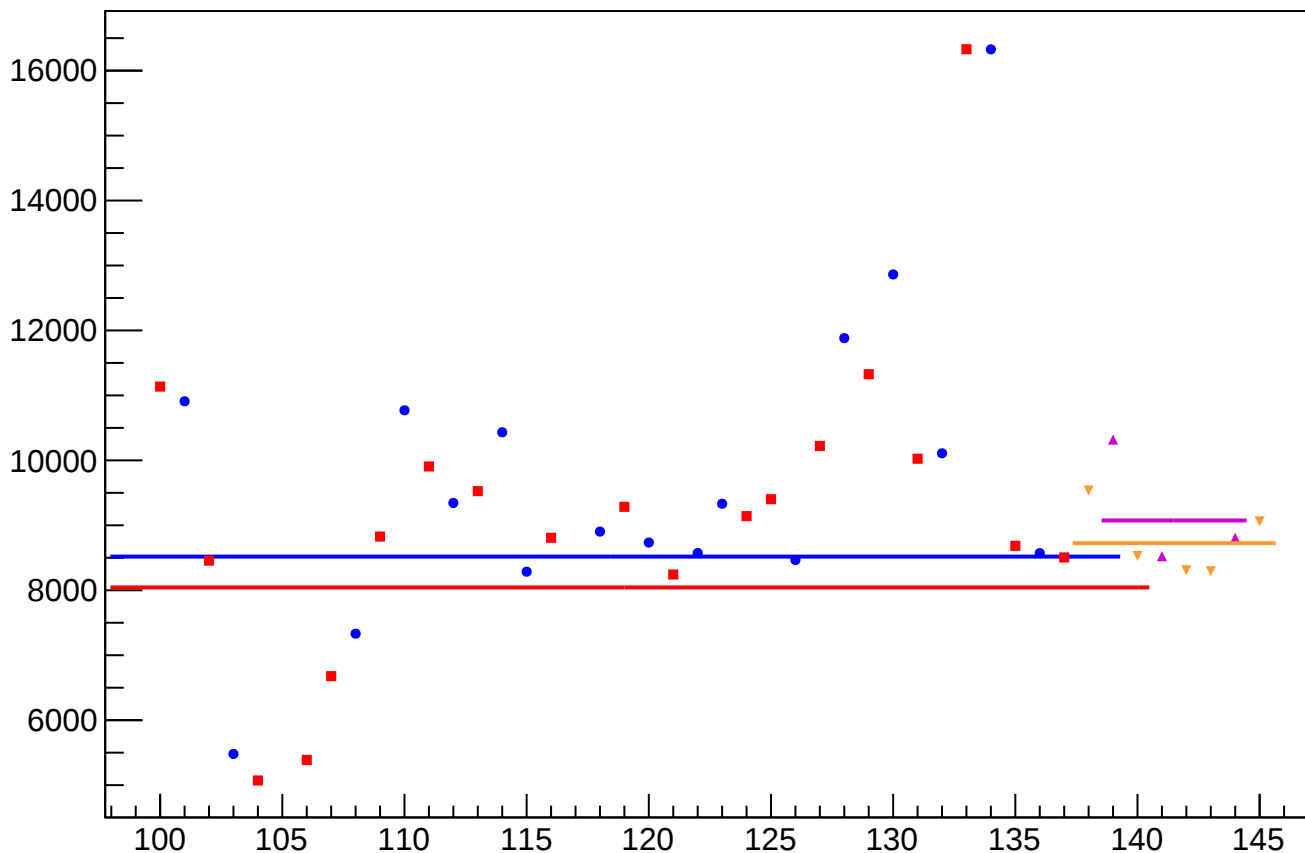
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

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

Out: 616.019+/-2624.705 χ^2/NDF : 24.6/23

All: 2906.981+/-1954.227 χ^2/NDF : 44.4/43

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8725.187+/-3.315 χ^2/NDF : 19709.0/4

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9074.726+/-4.084 χ^2/NDF : 31724.3/2

Left: 8863.996+/-2.574 χ^2/NDF : 55849.1/7

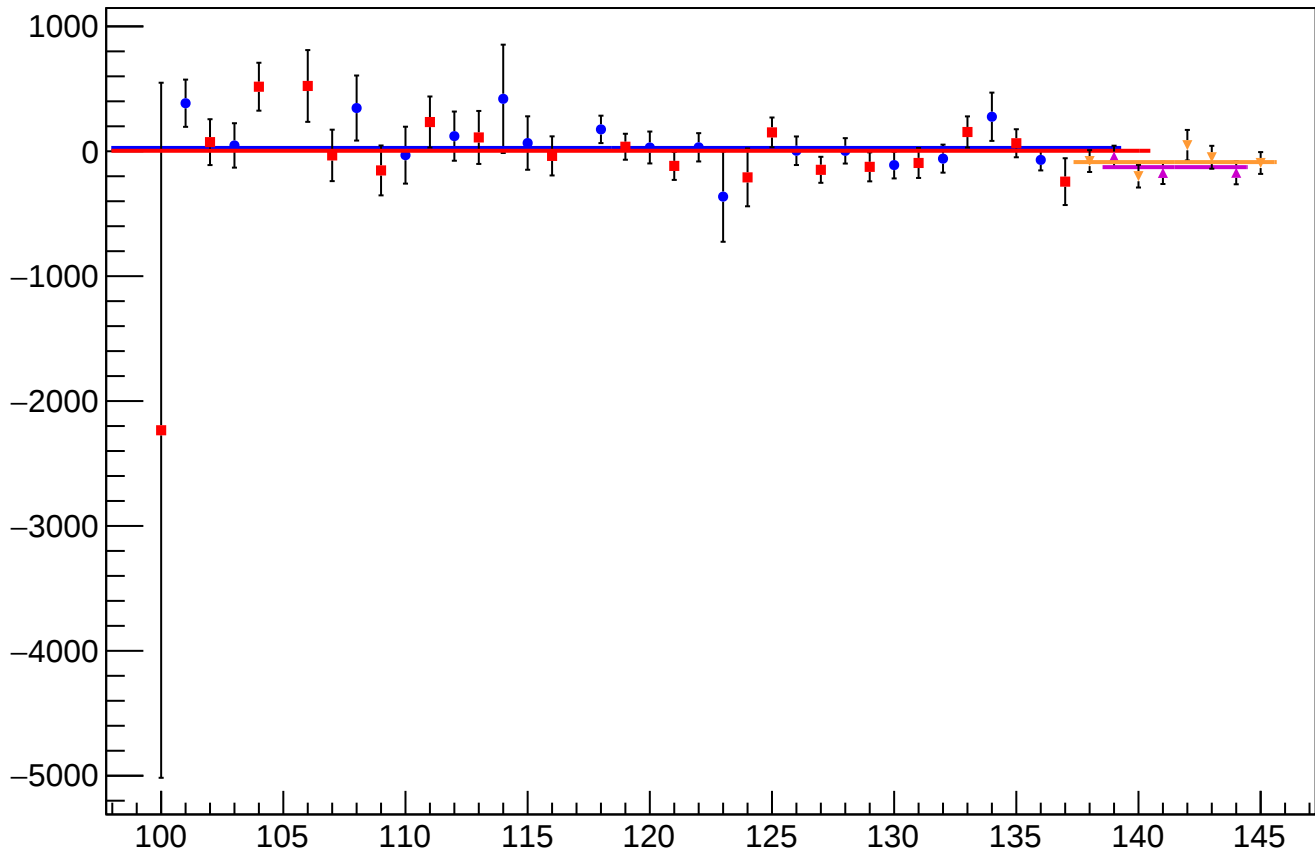
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8661.213+/-2.070 χ^2/NDF : 817514.0/19

Out: 8257.369+/-1.856 χ^2/NDF : 1002295.4/23

All: 8437.335+/-1.382 χ^2/NDF : 1840909.8/43

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -86.549 ± 41.916 $\chi^2/\text{NDF}: 3.0/4$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -127.056 ± 51.690 $\chi^2/\text{NDF}: 1.4/2$

Left: -102.619 ± 32.557 $\chi^2/\text{NDF}: 4.8/7$

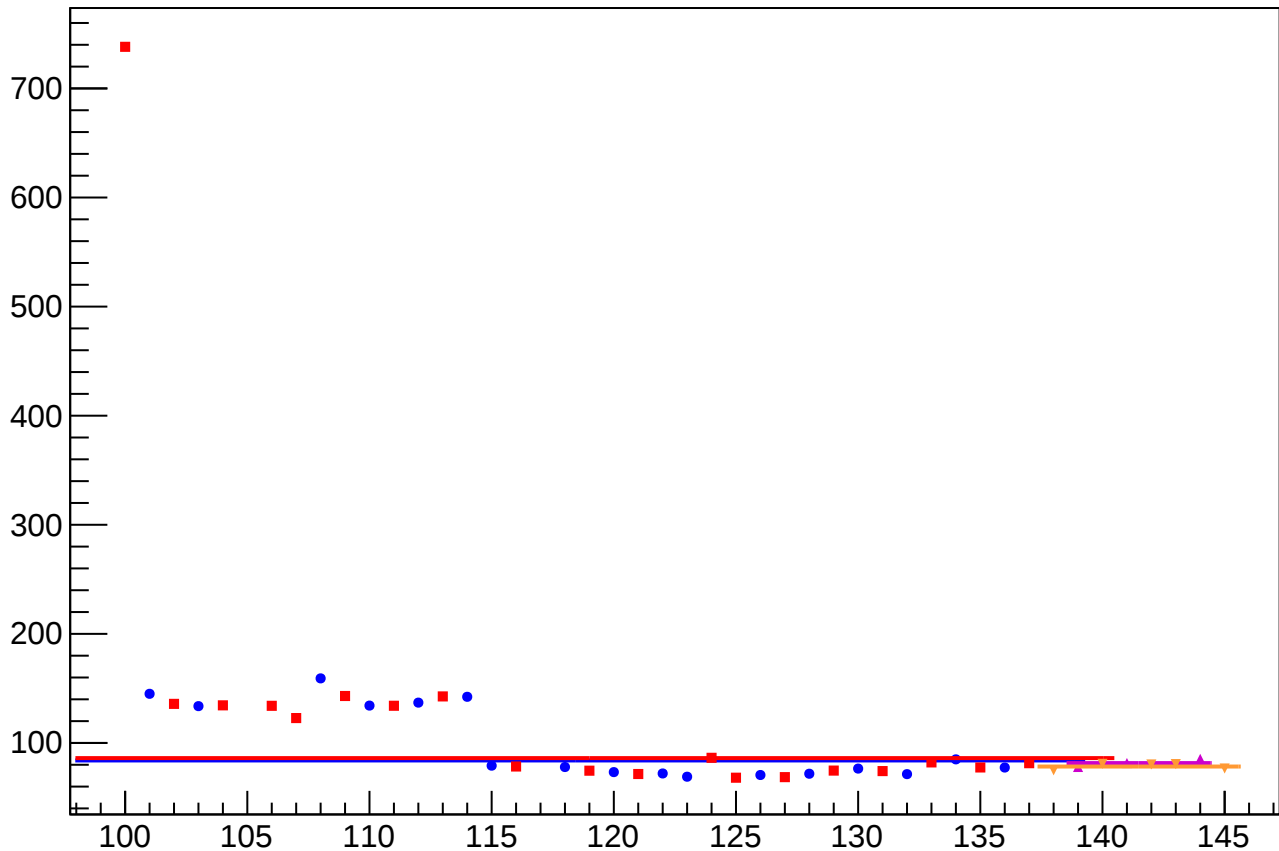
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -19.011 ± 28.187 $\chi^2/\text{NDF}: 22.2/19$

Out: -31.725 ± 26.330 $\chi^2/\text{NDF}: 30.4/23$

All: -25.800 ± 19.241 $\chi^2/\text{NDF}: 52.7/43$

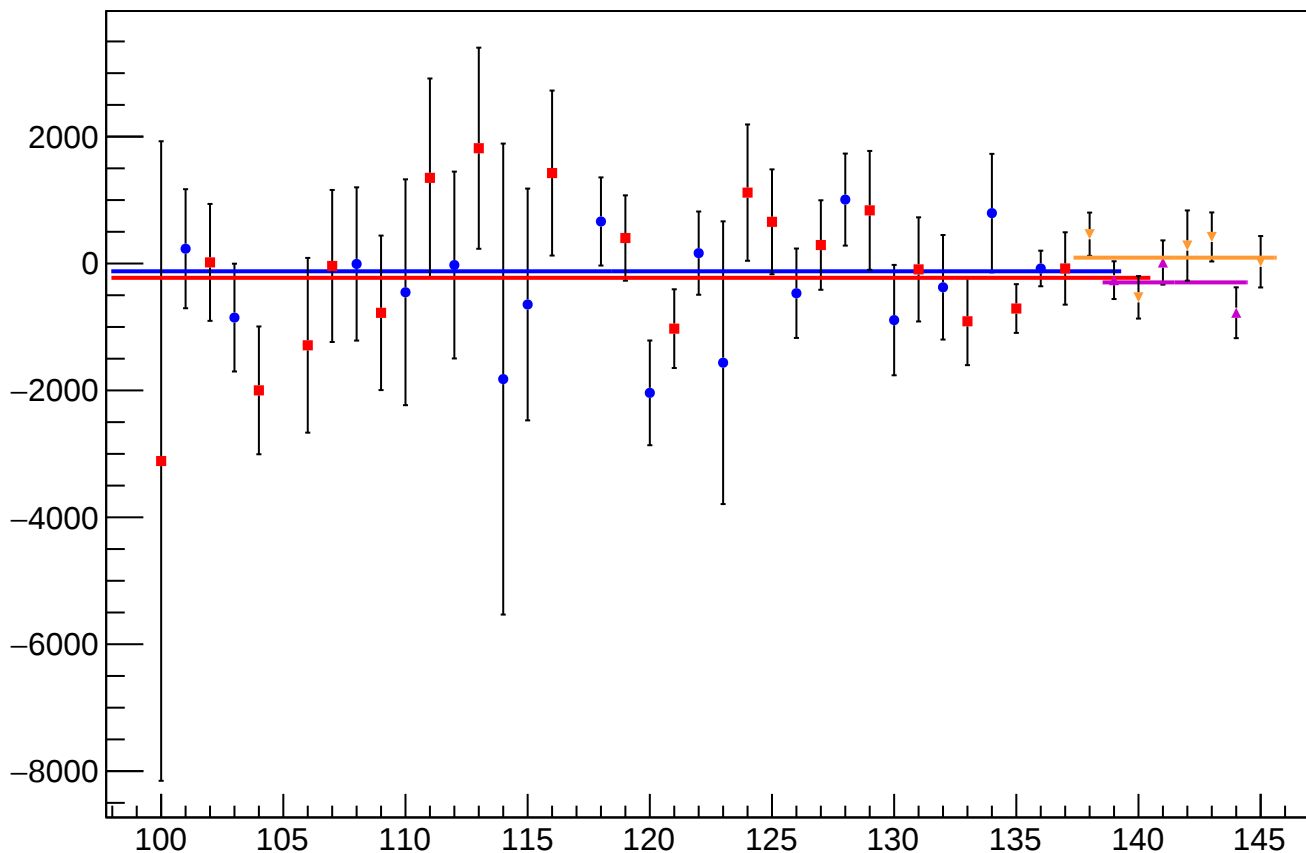
dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16
Left Out: 78.385+/-0.030 χ^2/NDF : 7202.4/4
Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18
Left In: 81.538+/-0.037 χ^2/NDF : 6877.5/2

Left: 79.636+/-0.023 χ^2/NDF : 18567.1/7
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35
In: 83.240+/-0.020 χ^2/NDF : 970219.3/19
Out: 83.061+/-0.019 χ^2/NDF : 1184537.2/23
All: 83.145+/-0.014 χ^2/NDF : 2154799.6/43

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: 92.469 ± 172.568 χ^2/NDF : 5.5/4

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -297.392 ± 197.017 χ^2/NDF : 2.2/2

Left: -76.783 ± 129.813 χ^2/NDF : 10.0/7

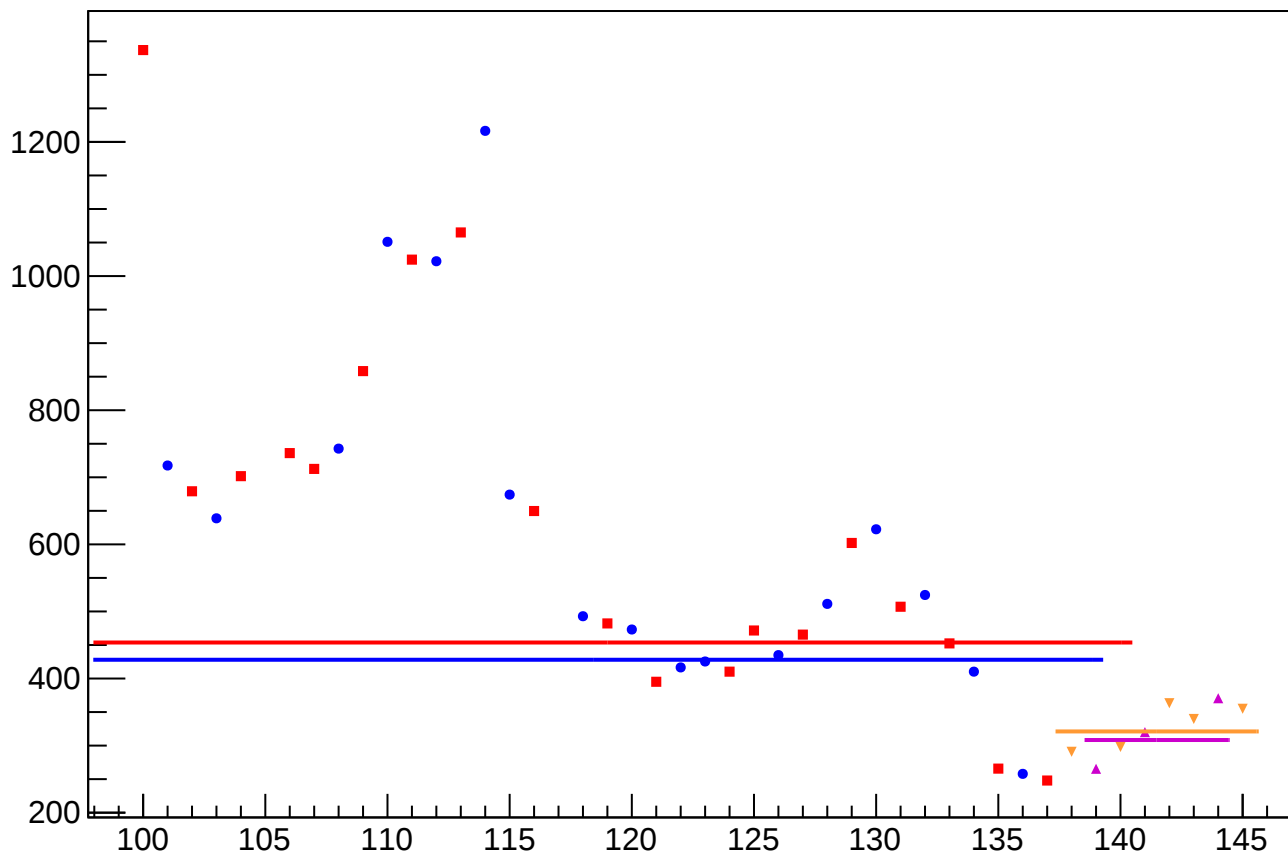
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -201.820 ± 132.723 χ^2/NDF : 15.7/19

Out: -55.459 ± 126.182 χ^2/NDF : 25.4/23

All: -124.944 ± 91.449 χ^2/NDF : 41.8/43

asym_sam1_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

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

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

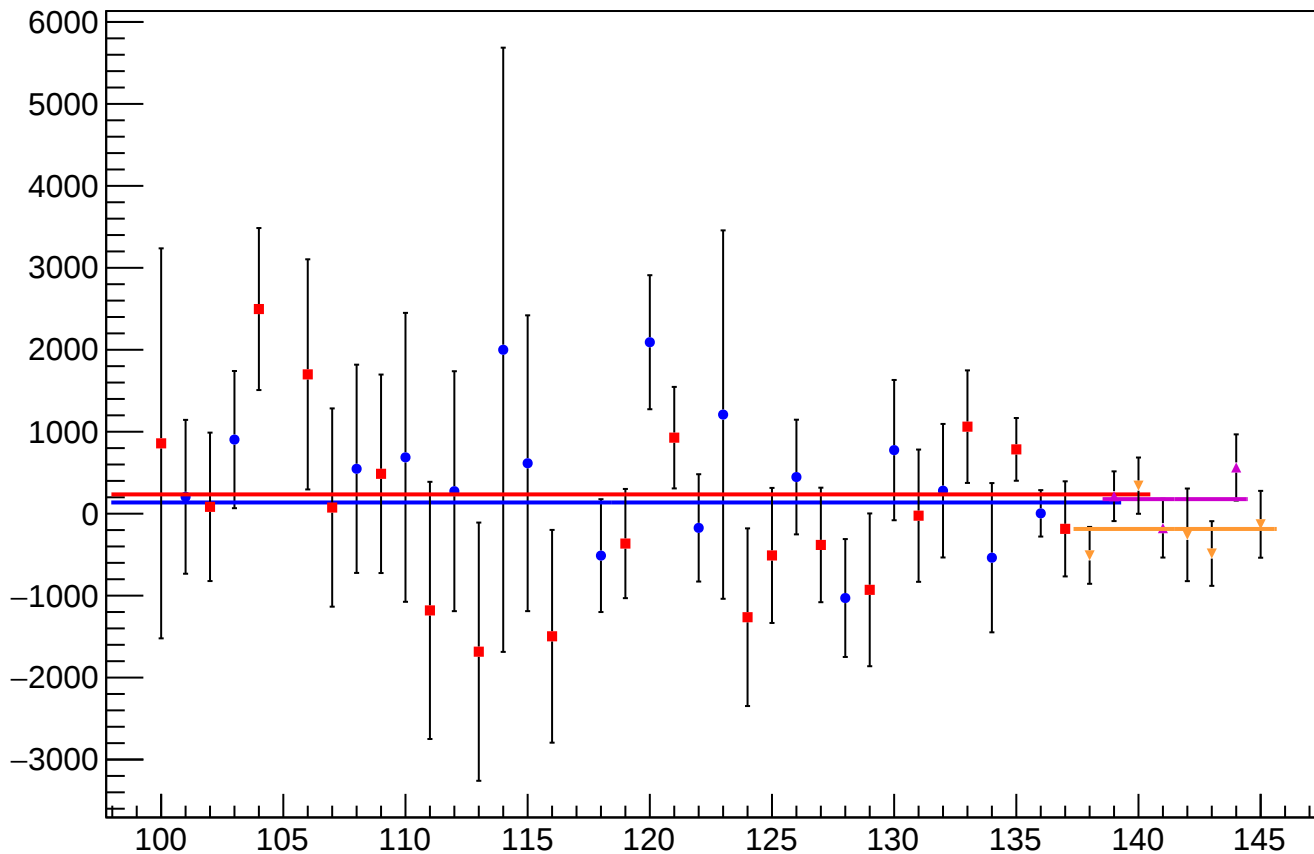
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

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

Out: 382.811+/-0.089 χ^2/NDF : 2739459.0/23

All: 378.479+/-0.065 χ^2/NDF : 5301702.9/43

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -186.424 $\pm$ 175.786 χ^2 /NDF:3.8/4

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

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

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

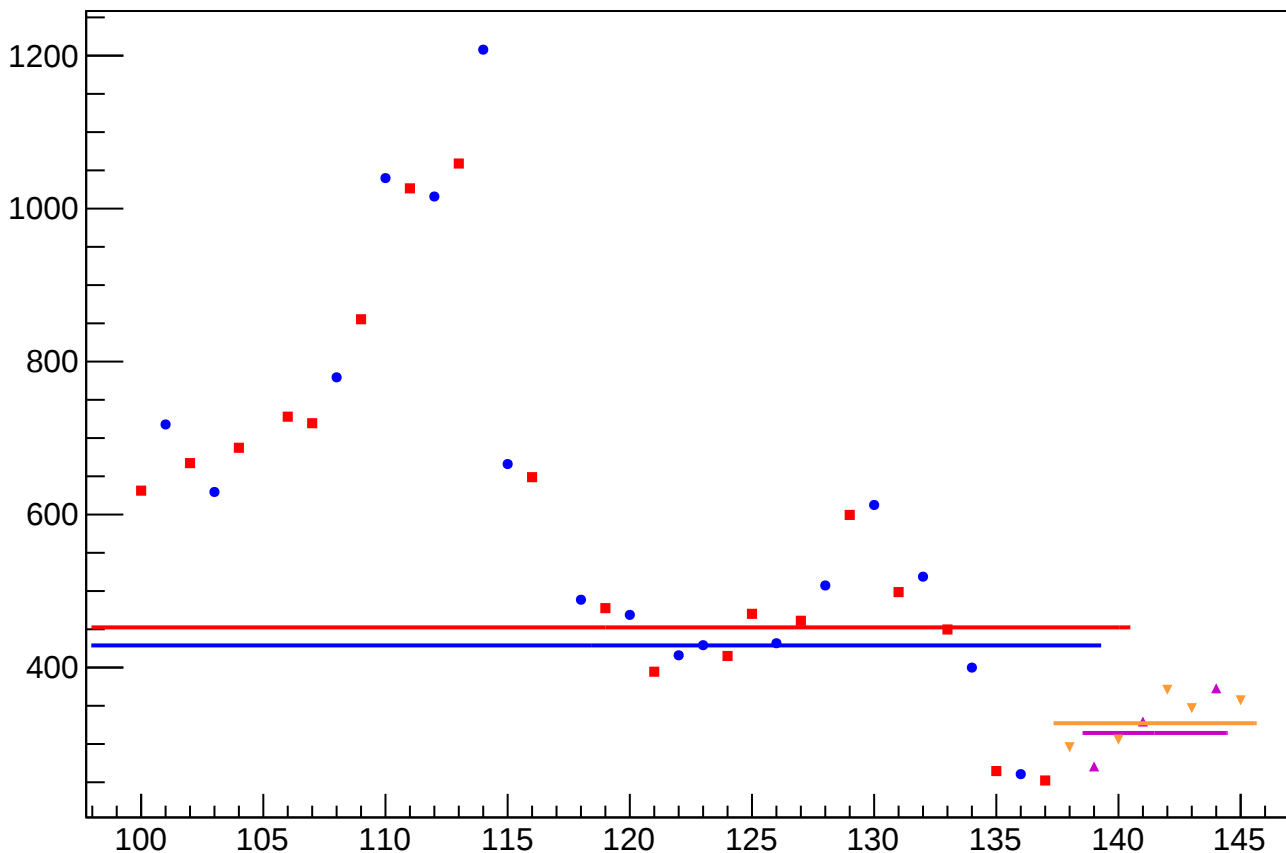
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

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

Out: 14.802 $\pm$ 127.113 χ^2 /NDF:28.4/23

All: 81.209 $\pm$ 92.194 χ^2 /NDF: 43.5/43

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 327.171 $\pm$ 0.124 χ^2 /NDF: 51857.7/4

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 314.459 $\pm$ 0.142 χ^2 /NDF: 86803.7/2

Left: 321.660 $\pm$ 0.094 χ^2 /NDF: 143195.2/7

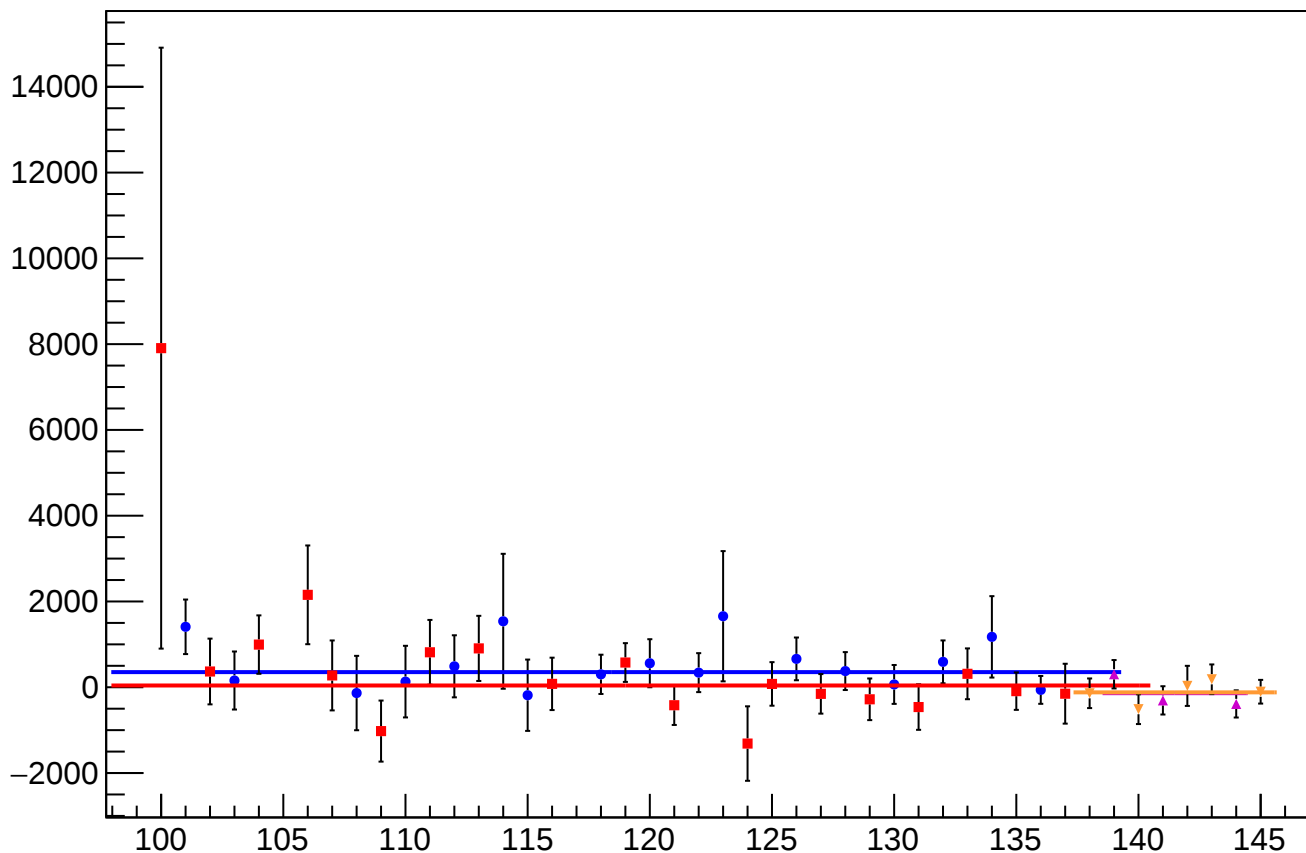
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 378.073 $\pm$ 0.095 χ^2 /NDF: 2457906.9/19

Out: 386.961 $\pm$ 0.090 χ^2 /NDF: 2578901.8/23

All: 382.748 $\pm$ 0.065 χ^2 /NDF: 5041442.6/43

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -119.121 ± 153.016 $\chi^2/\text{NDF}: 2.2/4$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -138.303 ± 188.024 $\chi^2/\text{NDF}: 2.7/2$

Left: -126.764 ± 118.681 $\chi^2/\text{NDF}: 4.8/7$

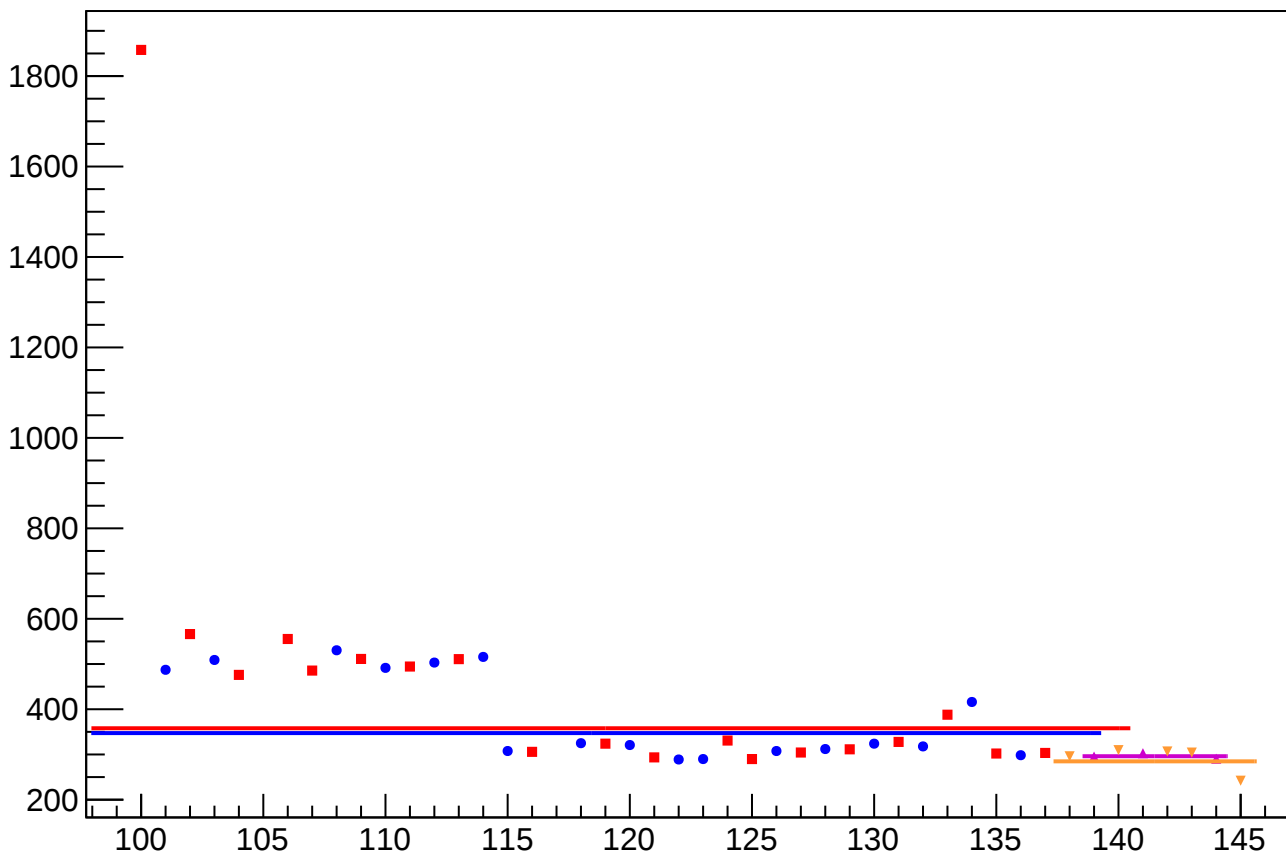
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: 182.089 ± 110.882 $\chi^2/\text{NDF}: 15.7/19$

Out: -31.347 ± 102.885 $\chi^2/\text{NDF}: 20.9/23$

All: 67.397 ± 75.420 $\chi^2/\text{NDF}: 38.6/43$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 284.797+/-0.108 χ^2/NDF : 70947.7/4

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 296.138+/-0.133 χ^2/NDF : 1431.1/2

Left: 289.315+/-0.084 χ^2/NDF : 76756.6/7

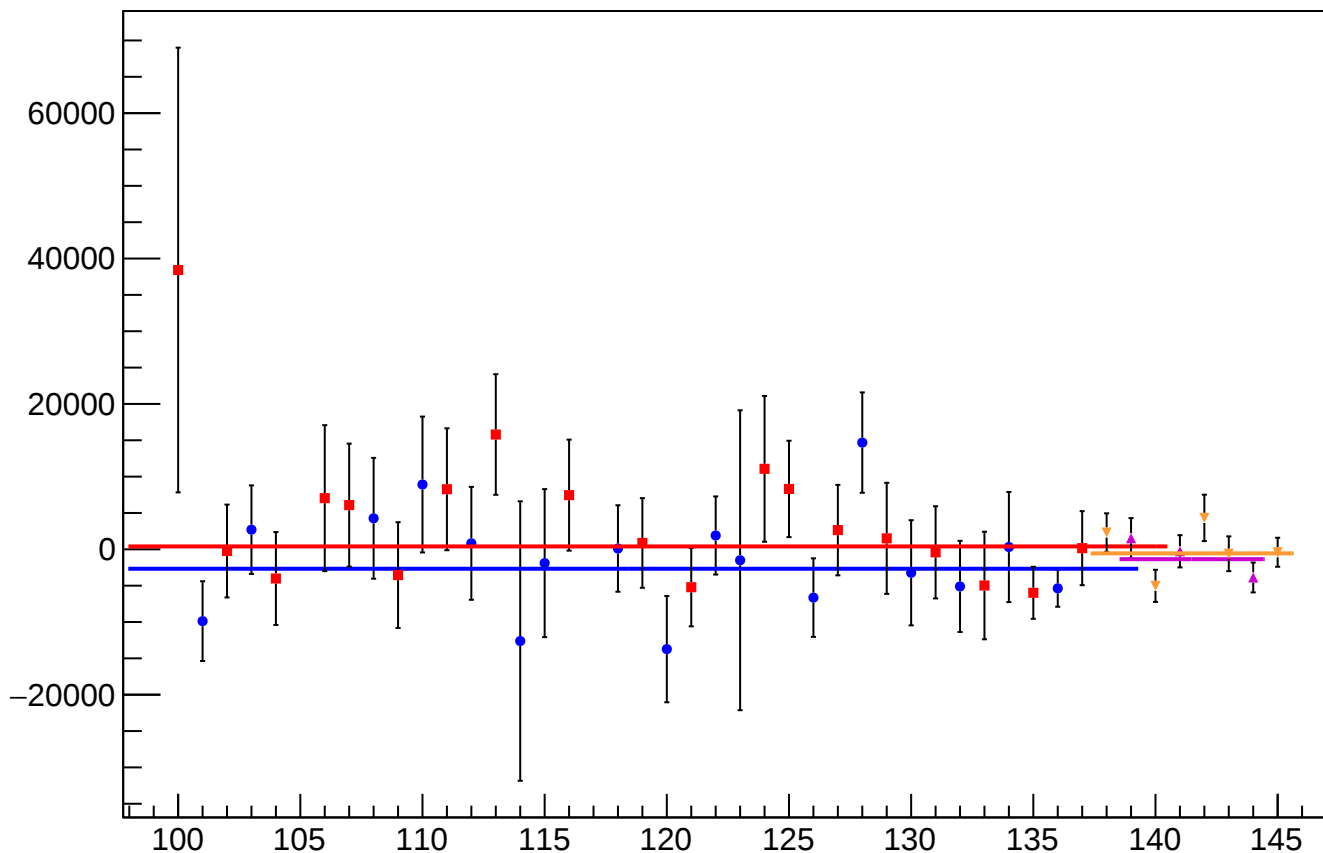
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 329.494+/-0.078 χ^2/NDF : 716842.1/19

Out: 324.880+/-0.073 χ^2/NDF : 1173085.6/23

All: 327.015+/-0.053 χ^2/NDF : 1891788.3/43

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -555.790+/-1071.086 χ^2/NDF : 7.6/4

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -1356.837+/-1324.296 χ^2/NDF : 2.8/2

Left: -872.573+/-832.792 χ^2/NDF : 10.6/7

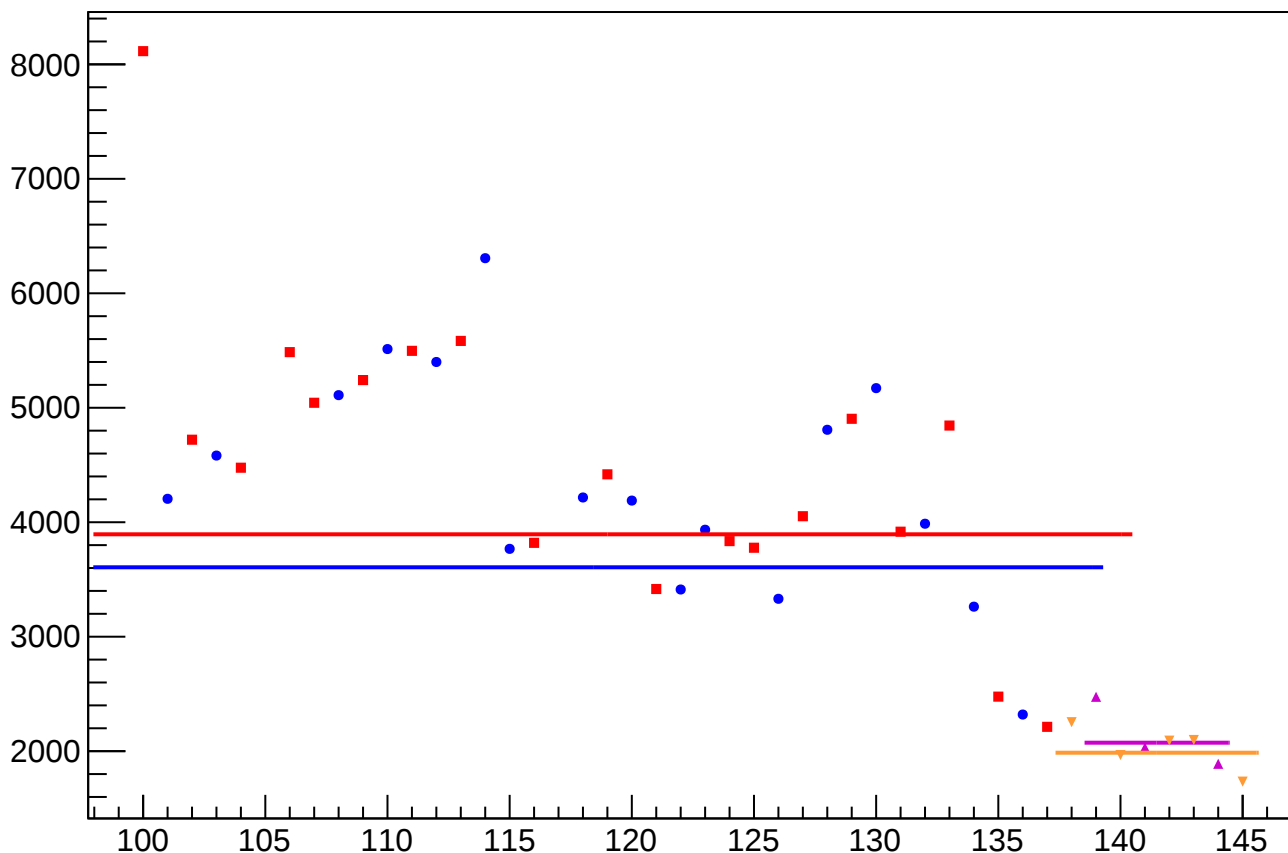
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1953.091+/-979.736 χ^2/NDF : 20.0/19

Out: -238.055+/-874.773 χ^2/NDF : 23.8/23

All: -998.814+/-652.523 χ^2/NDF : 45.5/43

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 1986.565+/-0.757 χ^2/NDF : 59035.7/4

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2074.067+/-0.936 χ^2/NDF : 58631.5/2

Left: 2021.169+/-0.589 χ^2/NDF : 122945.8/7

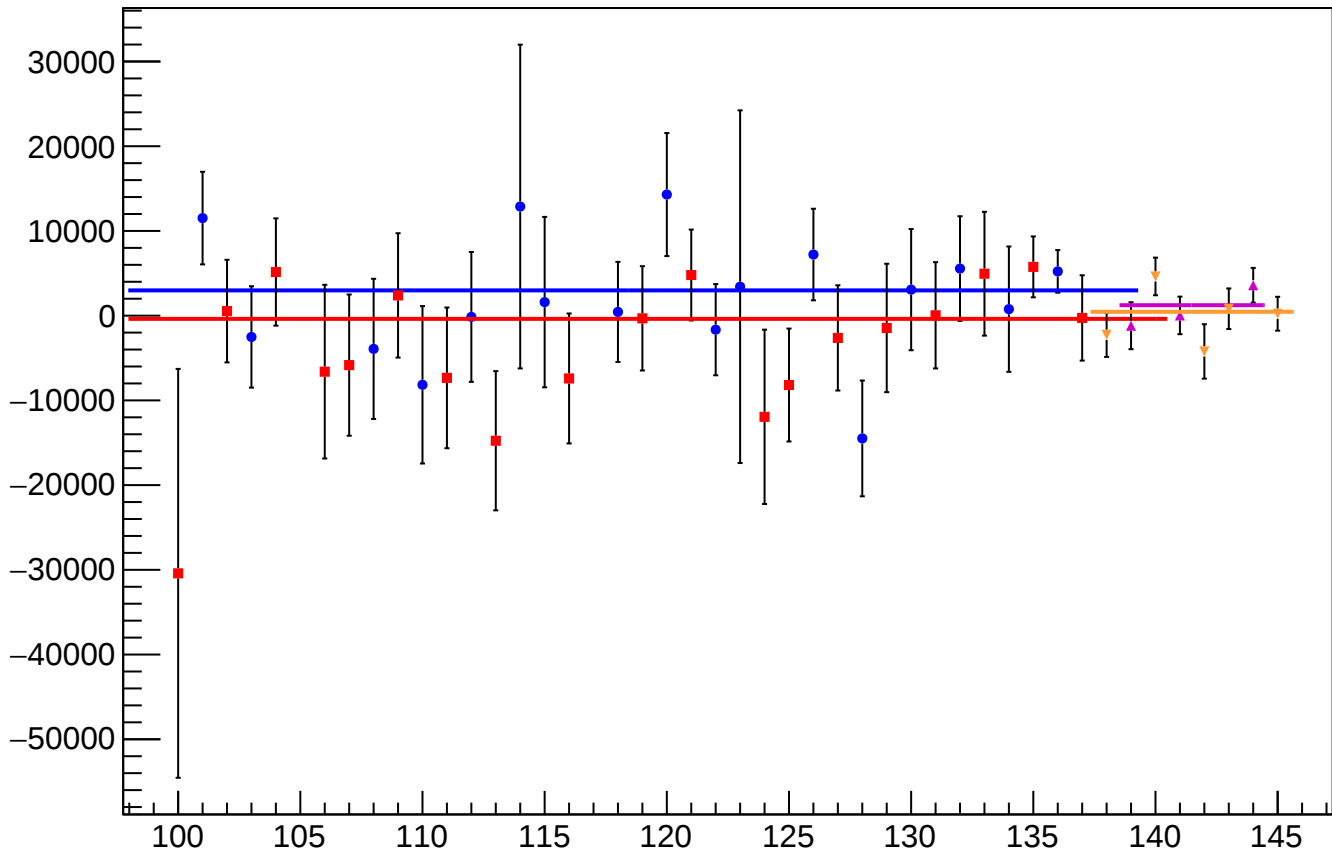
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2767.692+/-0.693 χ^2/NDF : 2363214.3/19

Out: 2621.891+/-0.619 χ^2/NDF : 3205097.9/23

All: 2686.566+/-0.461 χ^2/NDF : 5592957.7/43

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 457.185+/-1071.522 χ^2/NDF : 6.8/4

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 1233.454+/-1322.729 χ^2/NDF : 2.4/2

Left: 764.759+/-832.607 χ^2/NDF : 9.4/7

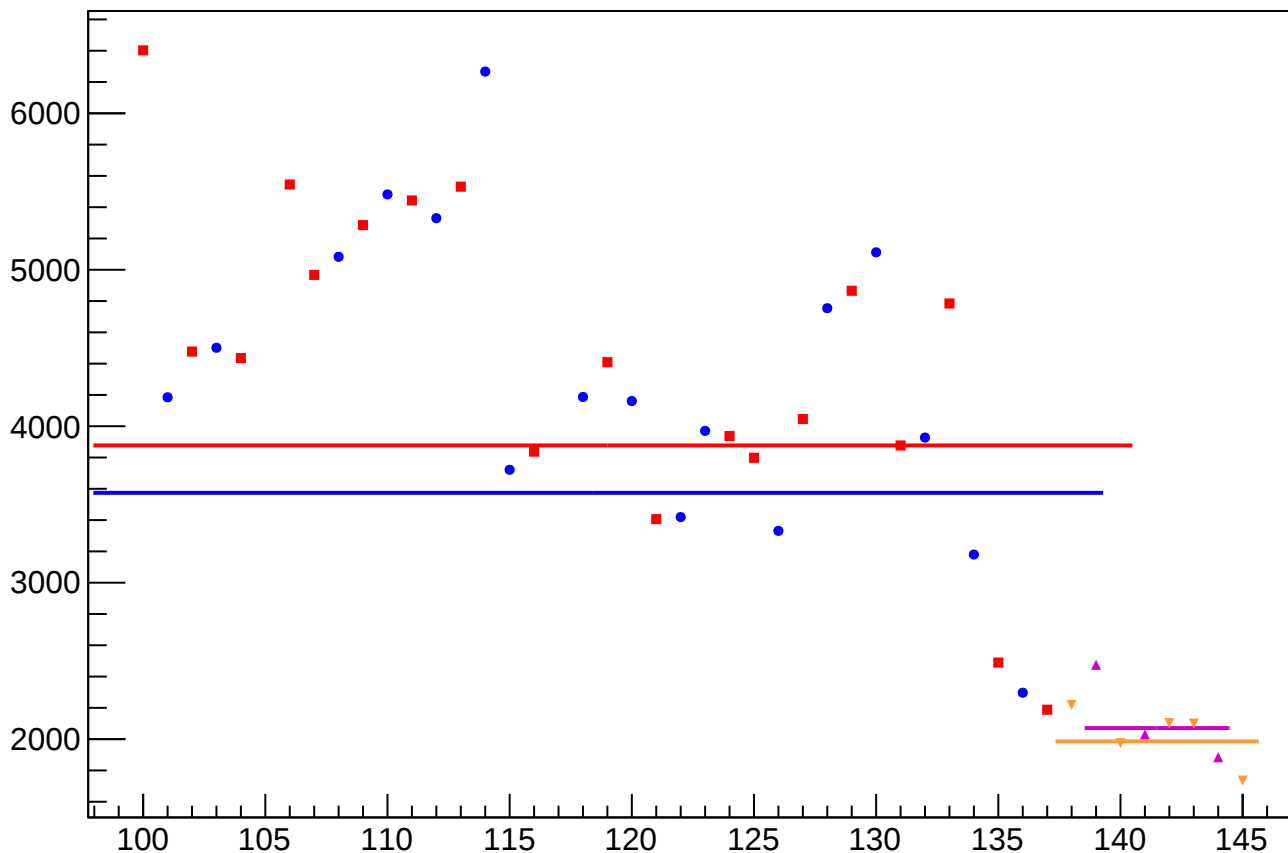
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 2032.188+/-975.256 χ^2/NDF : 20.6/19

Out: 177.039+/-873.353 χ^2/NDF : 22.0/23

All: 1002.660+/-650.608 χ^2/NDF : 44.6/43

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 1985.948 $\pm$ 0.758 χ^2 /NDF: 54521.1/4

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2070.662 $\pm$ 0.935 χ^2 /NDF: 59713.3/2

Left: 2019.513 $\pm$ 0.589 χ^2 /NDF: 119187.4/7

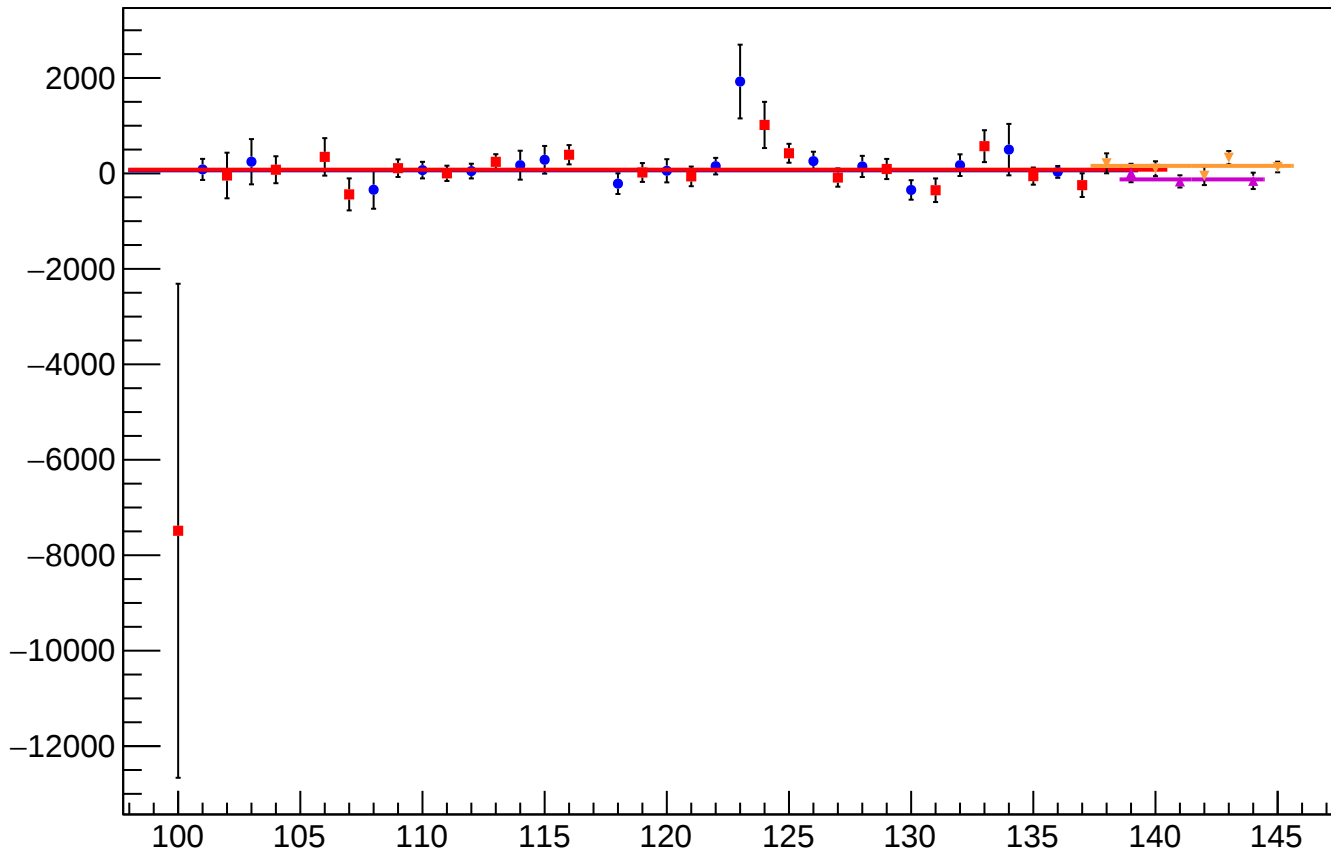
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2756.919 $\pm$ 0.690 χ^2 /NDF: 2330670.4/19

Out: 2620.778 $\pm$ 0.618 χ^2 /NDF: 3135948.9/23

All: 2681.367 $\pm$ 0.460 χ^2 /NDF: 5488248.2/43

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 158.502+/-67.235 χ^2/NDF : 2.9/4

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: -125.056+/-90.495 χ^2/NDF : 0.6/2

Left: 57.648+/-53.969 χ^2/NDF : 9.8/7

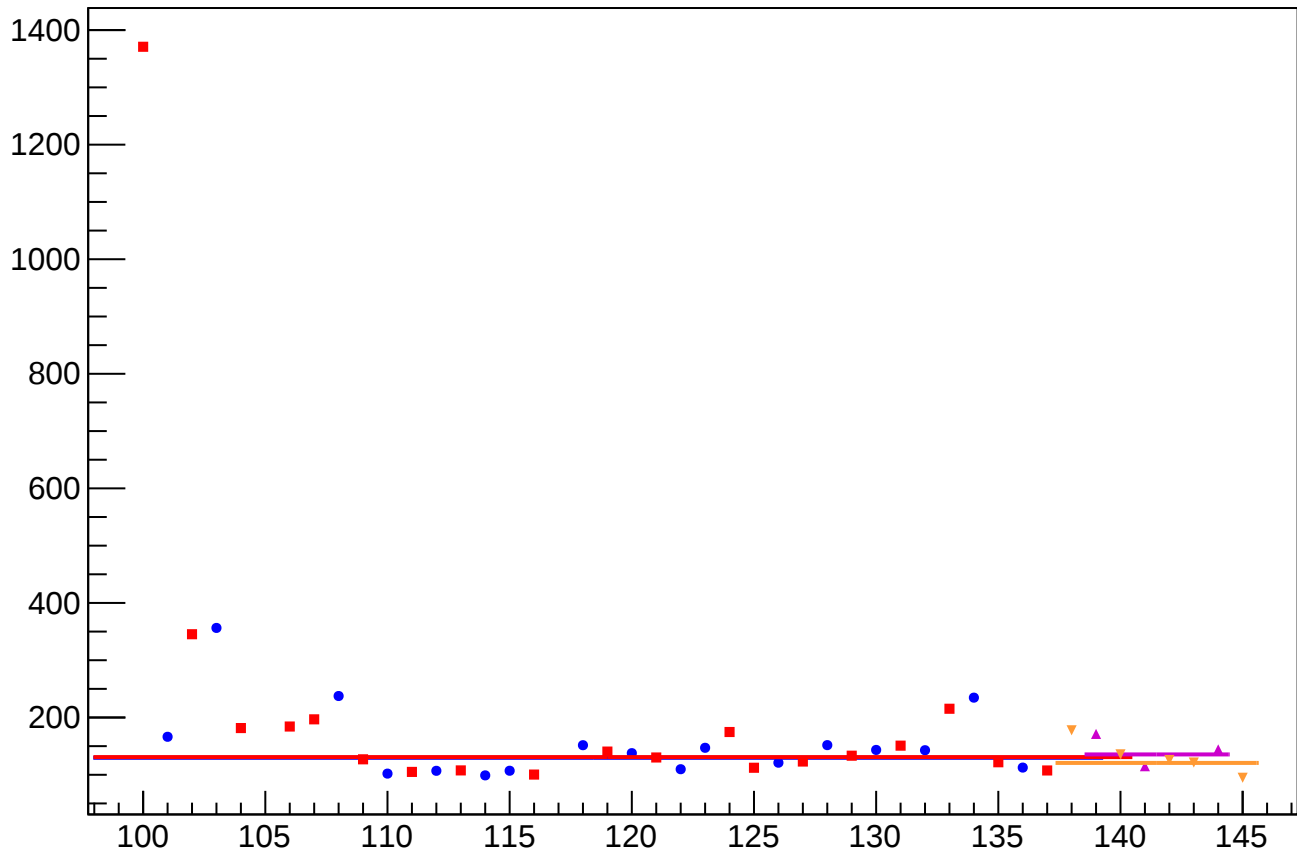
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 17.036+/-45.541 χ^2/NDF : 19.6/19

Out: 108.812+/-41.301 χ^2/NDF : 28.0/23

All: 67.394+/-30.594 χ^2/NDF : 49.9/43

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 120.725 $\pm$ 0.048 χ^2 /NDF: 275966.8/4

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 135.548 $\pm$ 0.064 χ^2 /NDF: 126174.4/2

Left: 125.997 $\pm$ 0.038 χ^2 /NDF: 436718.4/7

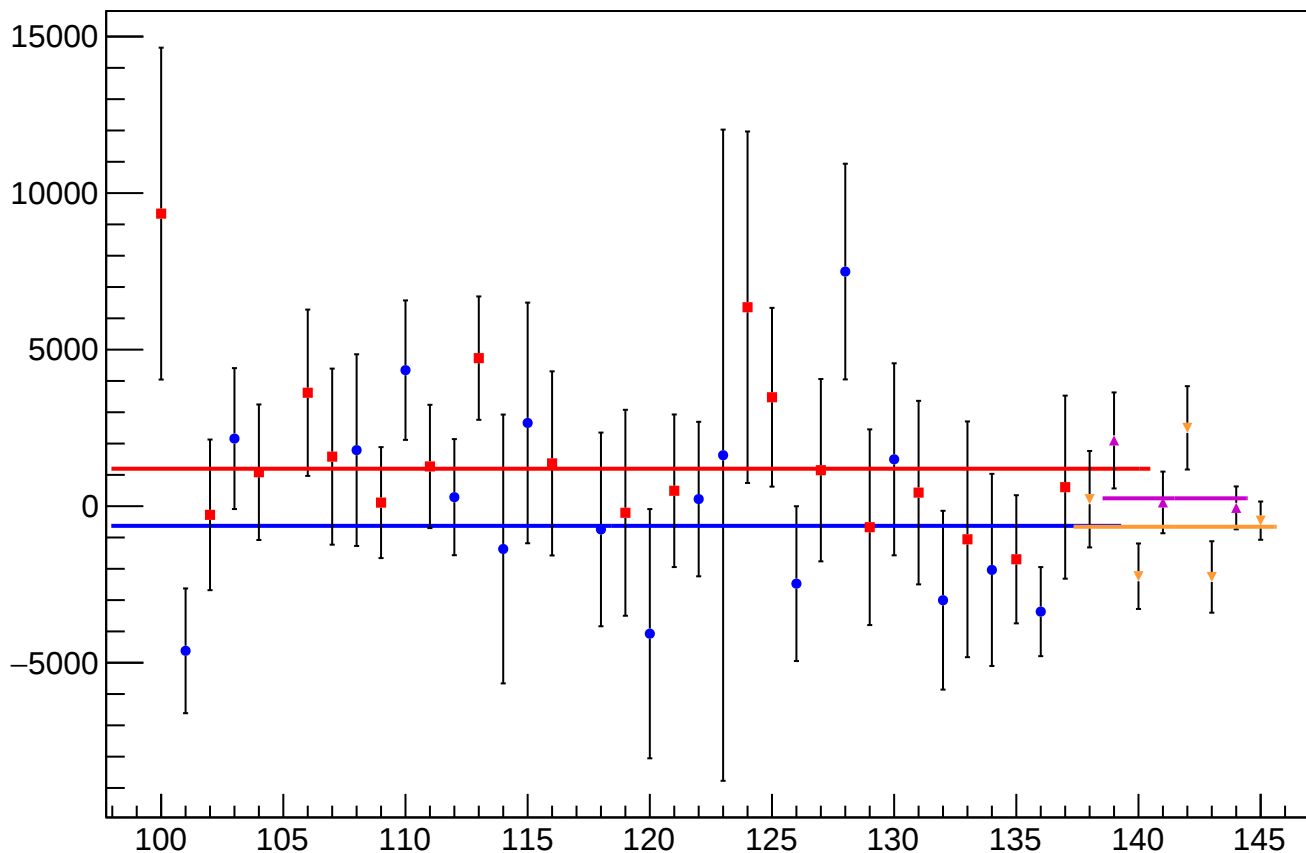
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 131.179 $\pm$ 0.032 χ^2 /NDF: 1122101.4/19

Out: 127.047 $\pm$ 0.029 χ^2 /NDF: 1346690.9/23

All: 128.911 $\pm$ 0.022 χ^2 /NDF: 2477825.5/43

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -656.983+/-432.420 χ^2/NDF :10.3/4

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 251.349+/-527.872 χ^2/NDF :1.7/2

Left: -292.221+/-334.512 χ^2/NDF : 13.8/7

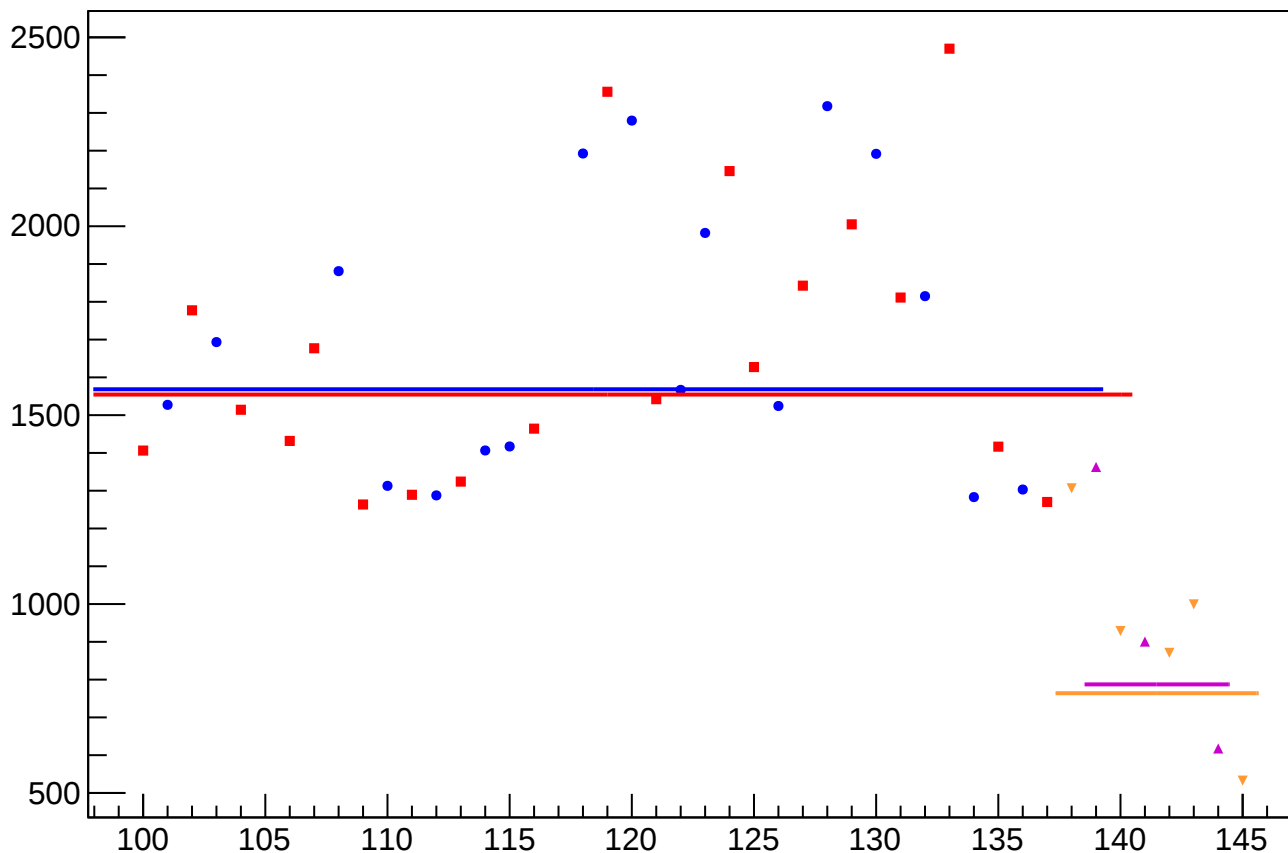
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -117.249+/-402.332 χ^2/NDF :27.1/19

Out: -17.445+/-349.939 χ^2/NDF :28.4/23

All: -60.430+/-264.038 χ^2/NDF : 55.6/43

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 763.986+/-0.306 χ^2/NDF : 682286.7/4

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 787.372+/-0.373 χ^2/NDF : 430981.3/2

Left: 773.377+/-0.237 χ^2/NDF : 1115617.2/7

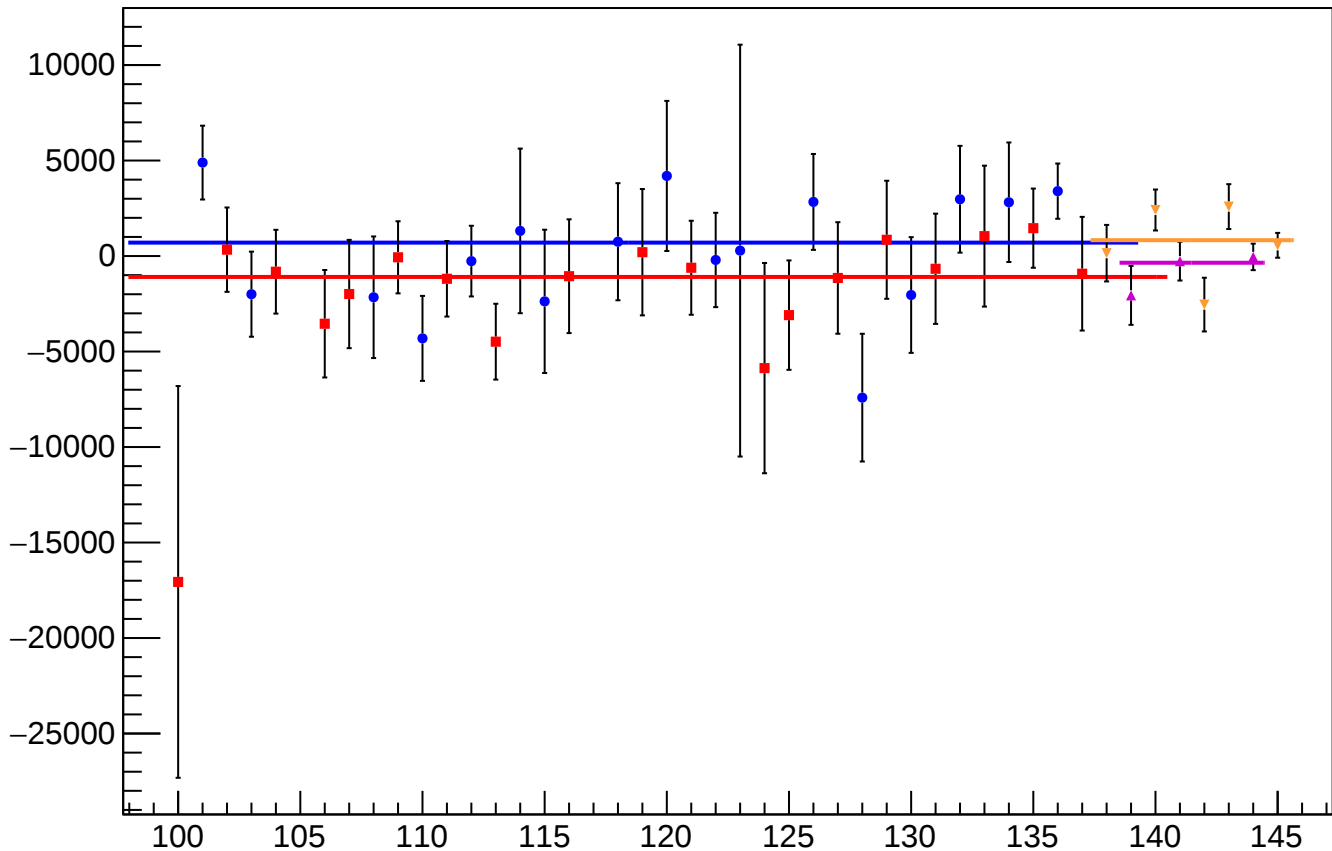
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1114.725+/-0.284 χ^2/NDF : 2800446.2/19

Out: 1036.805+/-0.247 χ^2/NDF : 3501166.5/23

All: 1070.365+/-0.187 χ^2/NDF : 6344320.3/43

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 830.216+/-450.695 χ^2/NDF :10.5/4

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -350.960+/-536.770 χ^2/NDF :1.4/2

Left: 341.812+/-345.160 χ^2/NDF : 14.8/7

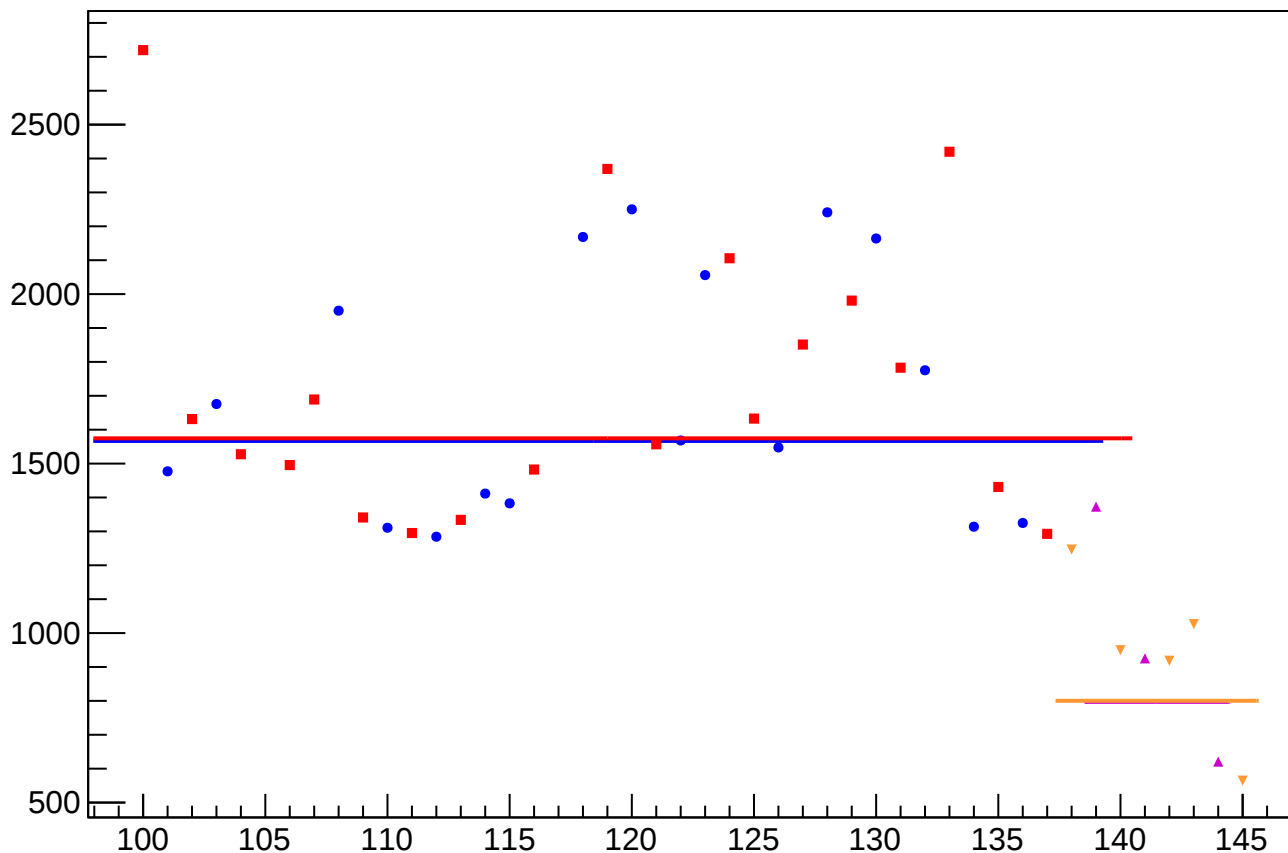
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 100.088+/-405.987 χ^2/NDF :29.1/19

Out: 140.898+/-361.046 χ^2/NDF :27.7/23

All: 122.876+/-269.793 χ^2/NDF : 56.8/43

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 800.238 $\pm$ 0.319 χ^2 /NDF: 571460.5/4

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 797.077 $\pm$ 0.380 χ^2 /NDF: 439606.9/2

Left: 798.931 $\pm$ 0.244 χ^2 /NDF: 1011108.1/7

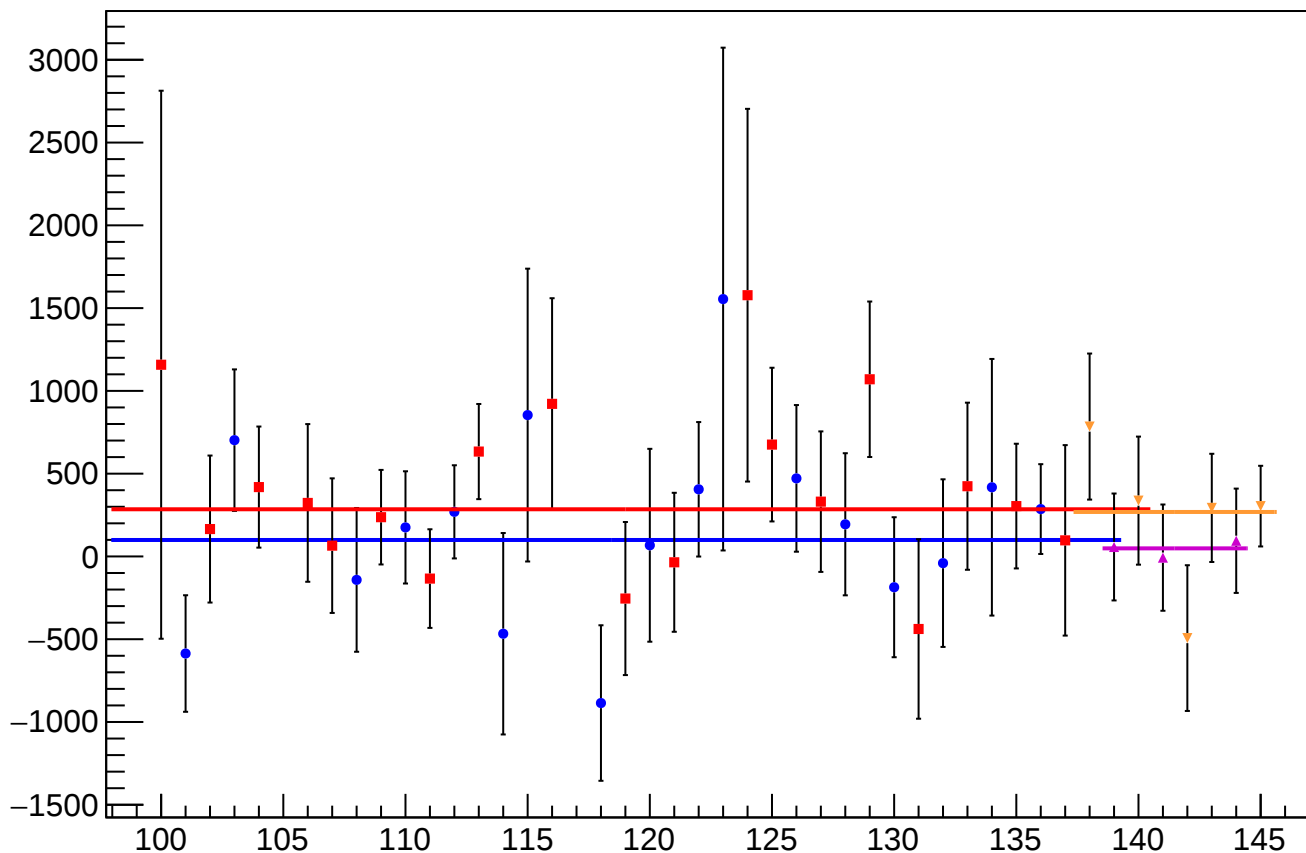
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1126.525 $\pm$ 0.287 χ^2 /NDF: 2700014.6/19

Out: 1077.633 $\pm$ 0.255 χ^2 /NDF: 3150528.7/23

All: 1099.224 $\pm$ 0.191 χ^2 /NDF: 5866739.4/43

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 268.659 $\pm$ 152.142 χ^2/NDF : 4.4/4

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 48.750 $\pm$ 184.504 χ^2/NDF : 0.1/2

Left: 179.651 $\pm$ 117.381 χ^2/NDF : 5.3/7

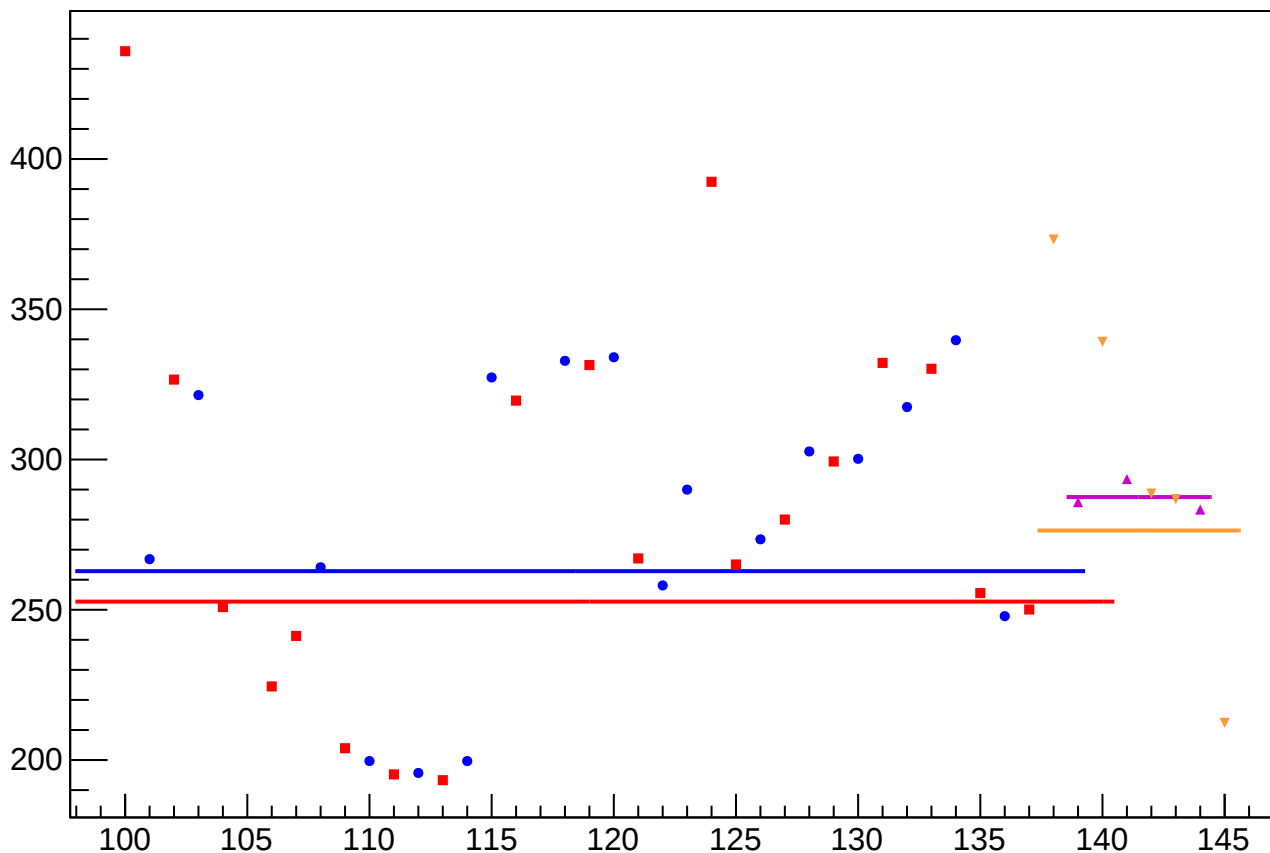
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 87.273 $\pm$ 90.243 χ^2/NDF : 16.0/19

Out: 280.145 $\pm$ 82.215 χ^2/NDF : 18.4/23

All: 192.669 $\pm$ 60.775 χ^2/NDF : 37.0/43

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 276.384+/-0.108 χ^2/NDF : 290823.3/4

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 287.515+/-0.130 χ^2/NDF : 1103.4/2

Left: 280.889+/-0.083 χ^2/NDF : 296259.5/7

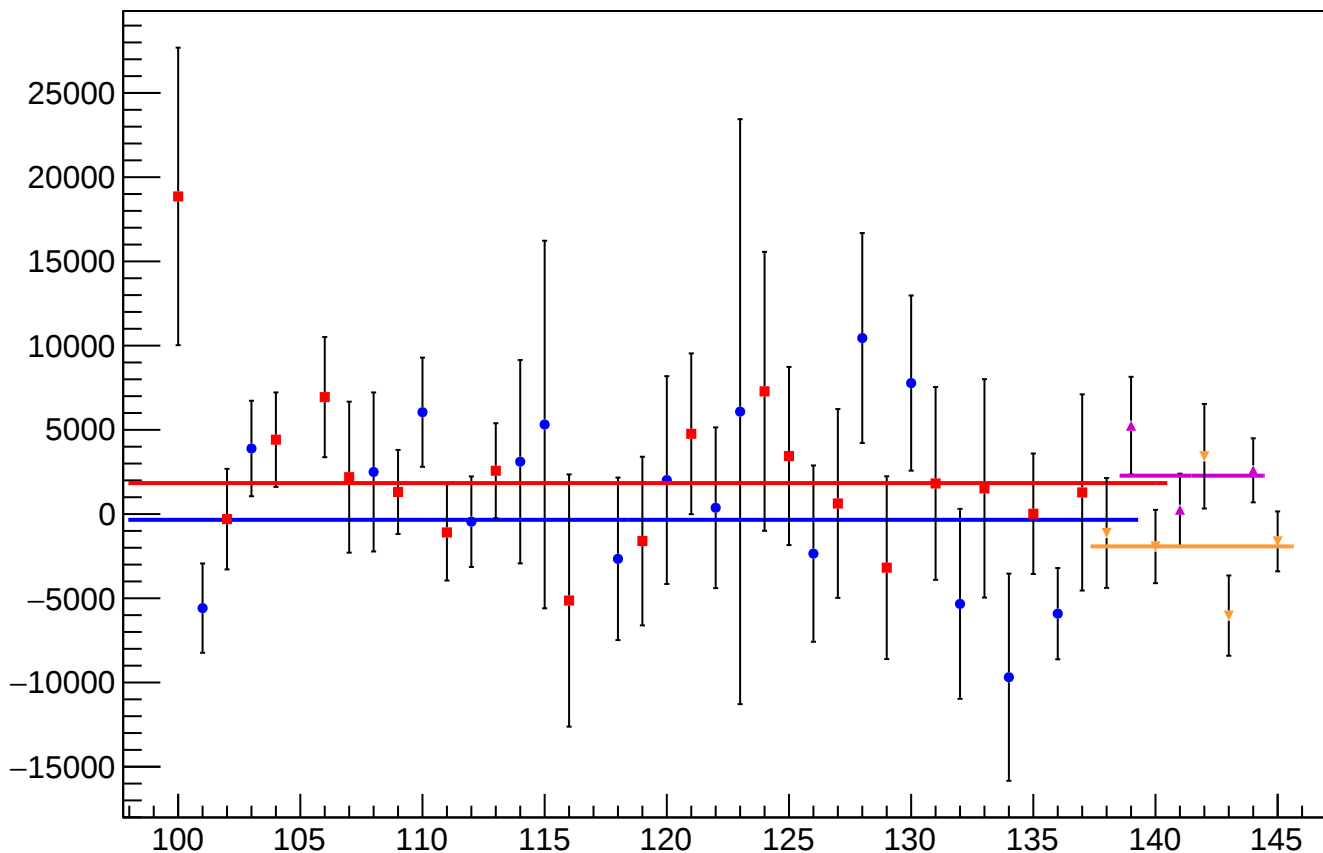
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 268.755+/-0.064 χ^2/NDF : 439978.0/19

Out: 259.630+/-0.058 χ^2/NDF : 864805.9/23

All: 263.769+/-0.043 χ^2/NDF : 1315959.2/43

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -1919.474+/-1053.350 χ^2/NDF : 6.0/4

Right Out: 1840.596+/-924.746 χ^2/NDF : 11.7/18

Left In: 2278.856+/-1276.838 χ^2/NDF : 2.0/2

Left: -219.299+/-812.539 χ^2/NDF : 14.4/7

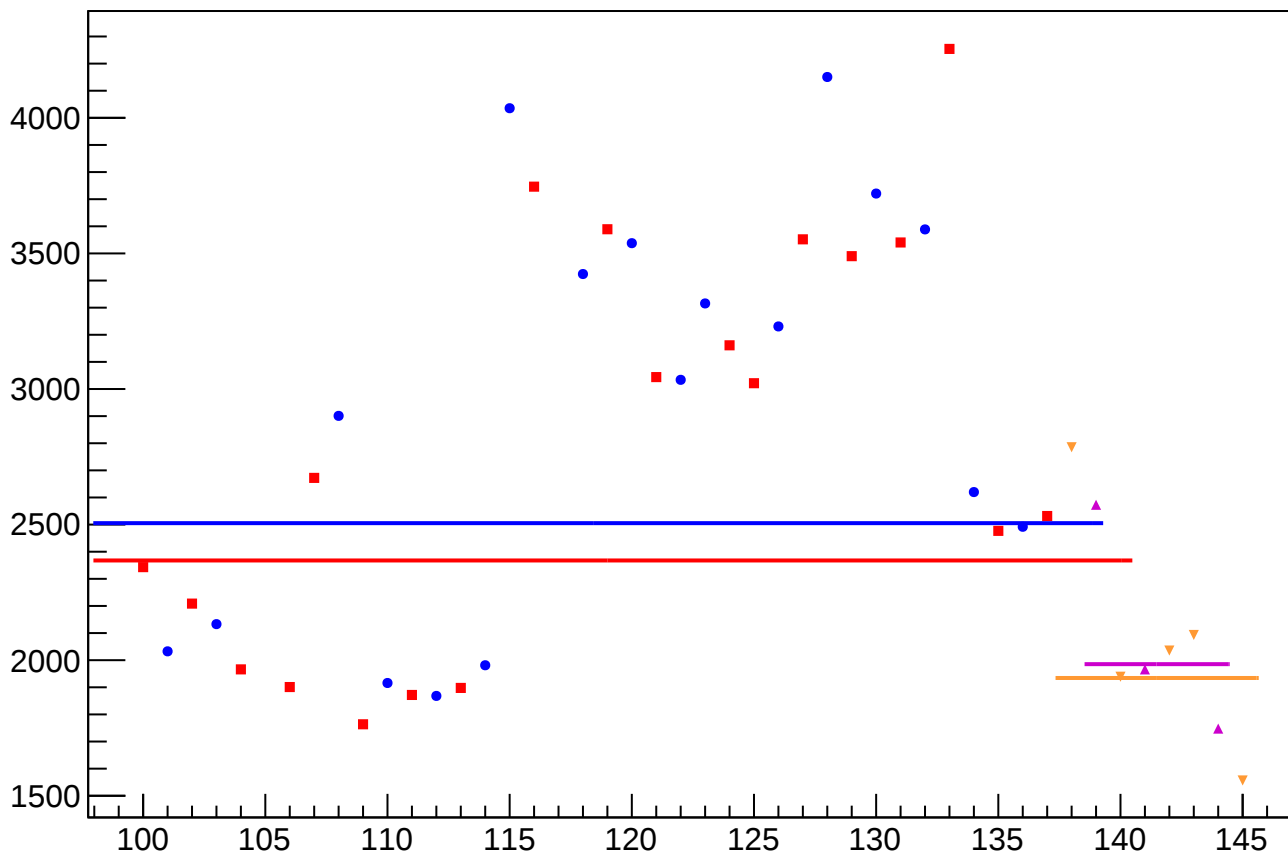
Right: 839.728+/-680.387 χ^2/NDF : 38.7/35

In: 660.407+/-789.540 χ^2/NDF : 29.0/19

Out: 203.990+/-694.939 χ^2/NDF : 24.9/23

All: 403.230+/-521.653 χ^2/NDF : 54.1/43

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 1934.357+/-0.745 χ^2/NDF : 237419.2/4

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 1985.364+/-0.903 χ^2/NDF : 113560.8/2

Left: 1955.013+/-0.575 χ^2/NDF : 352879.2/7

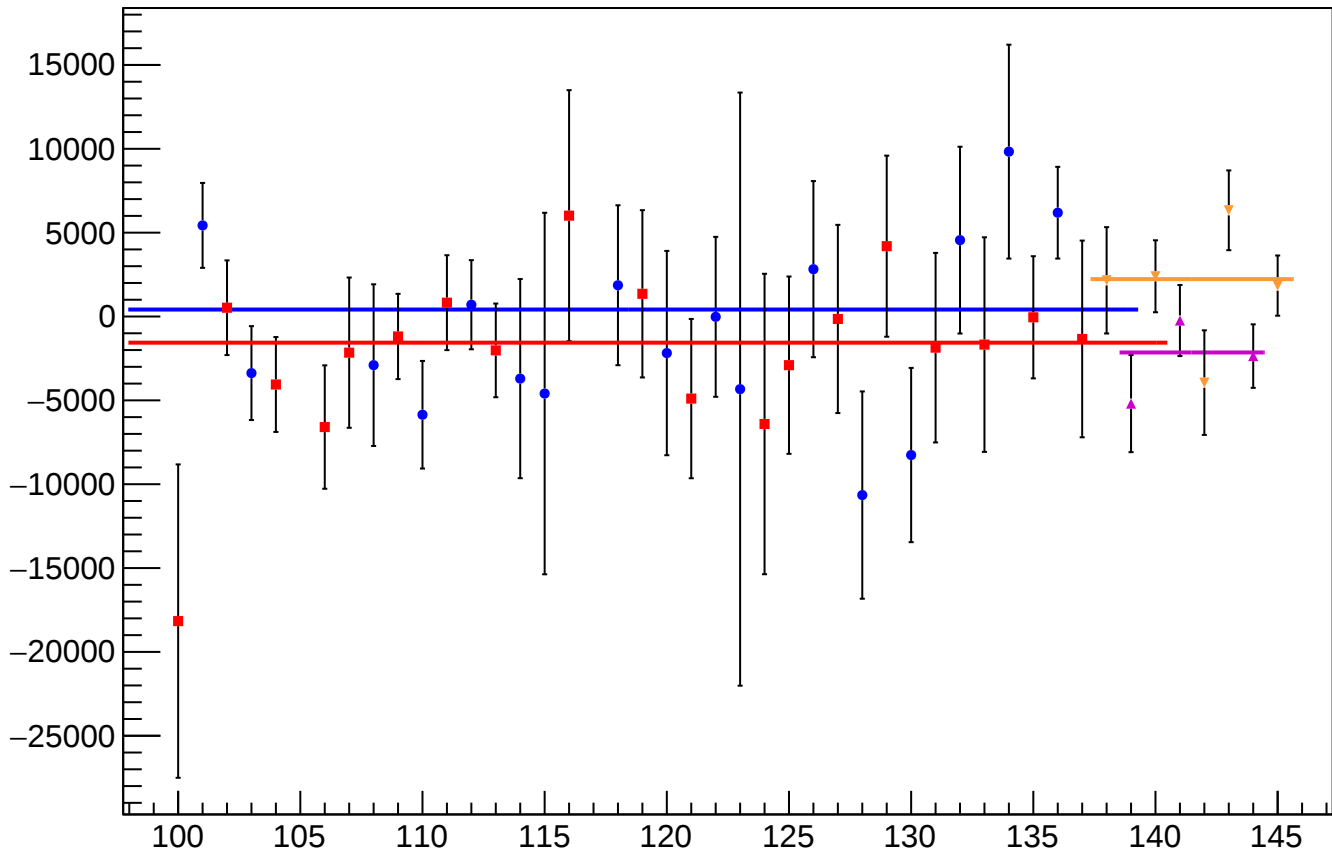
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2306.513+/-0.558 χ^2/NDF : 1182546.4/19

Out: 2179.100+/-0.491 χ^2/NDF : 1459501.6/23

All: 2234.720+/-0.369 χ^2/NDF : 2671396.0/43

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2229.963+/-1050.344 χ^2/NDF : 6.9/4

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -2144.103+/-1269.129 χ^2/NDF : 1.9/2

Left: 451.878+/-809.170 χ^2/NDF : 15.9/7

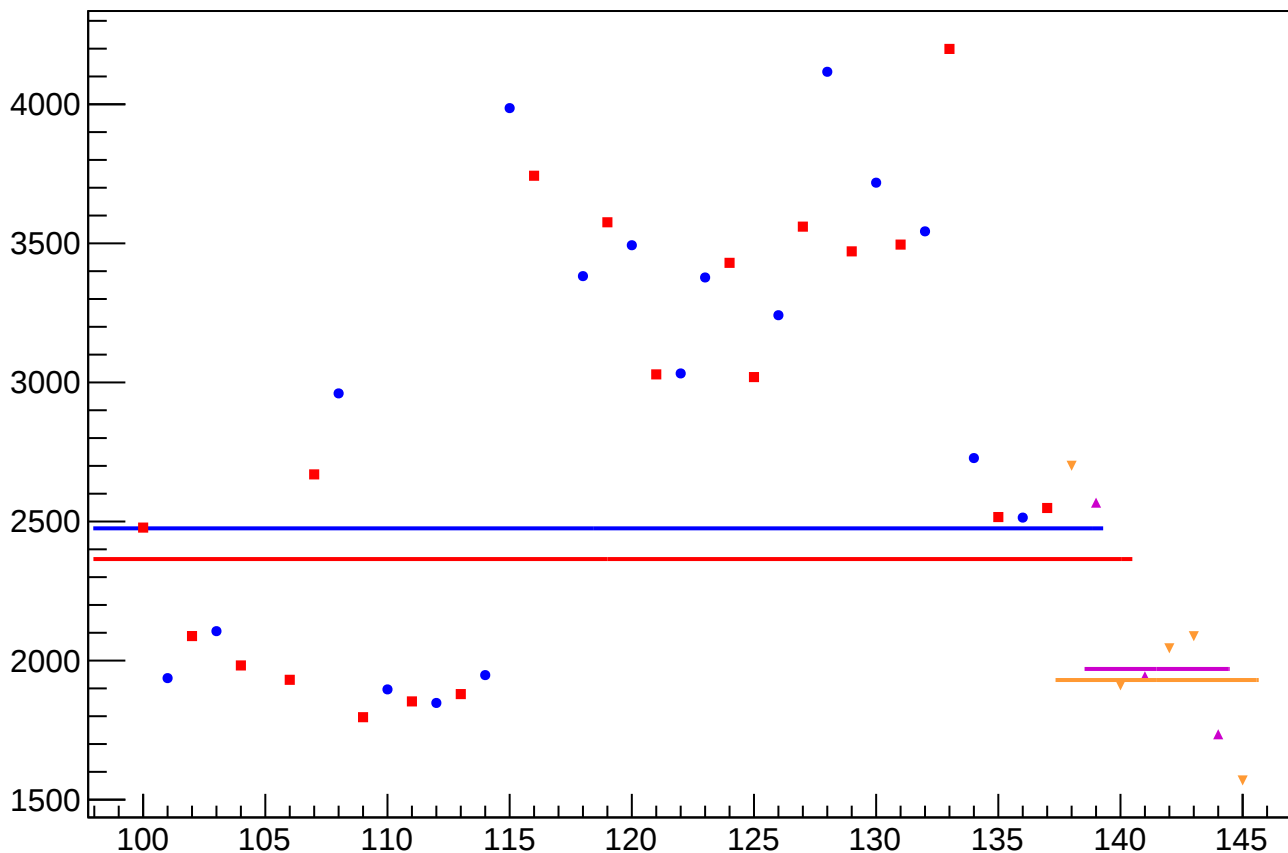
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -558.739+/-782.995 χ^2/NDF : 29.0/19

Out: 95.008+/-693.944 χ^2/NDF : 25.0/23

All: -192.591+/-519.335 χ^2/NDF : 54.3/43

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 1930.140 $\pm$ 0.743 χ^2/NDF : 210550.2/4

Right Out: 2365.025 $\pm$ 0.654 χ^2/NDF : 1027171.5/18

Left In: 1969.925 $\pm$ 0.897 χ^2/NDF : 116371.2/2

Left: 1946.313 $\pm$ 0.572 χ^2/NDF : 328087.8/7

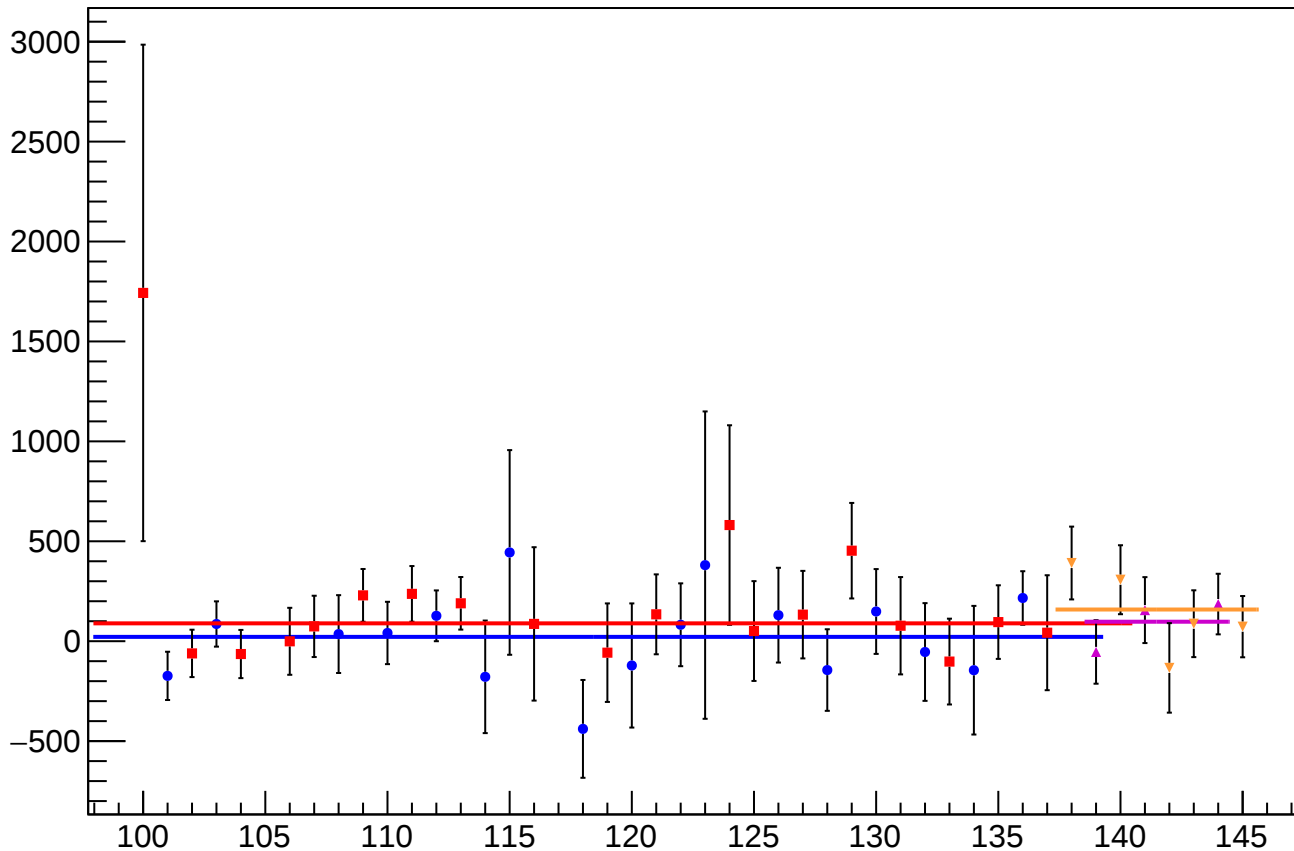
Right: 2416.181 $\pm$ 0.479 χ^2/NDF : 1953463.4/35

In: 2283.021 $\pm$ 0.554 χ^2/NDF : 1225973.2/19

Out: 2175.197 $\pm$ 0.491 χ^2/NDF : 1430922.0/23

All: 2222.631 $\pm$ 0.367 χ^2/NDF : 2678136.7/43

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 158.541 $\pm$ 78.571 χ^2/NDF : 4.6/4

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 97.453 $\pm$ 91.352 χ^2/NDF : 1.4/2

Left: 132.566 $\pm$ 59.569 χ^2/NDF : 6.2/7

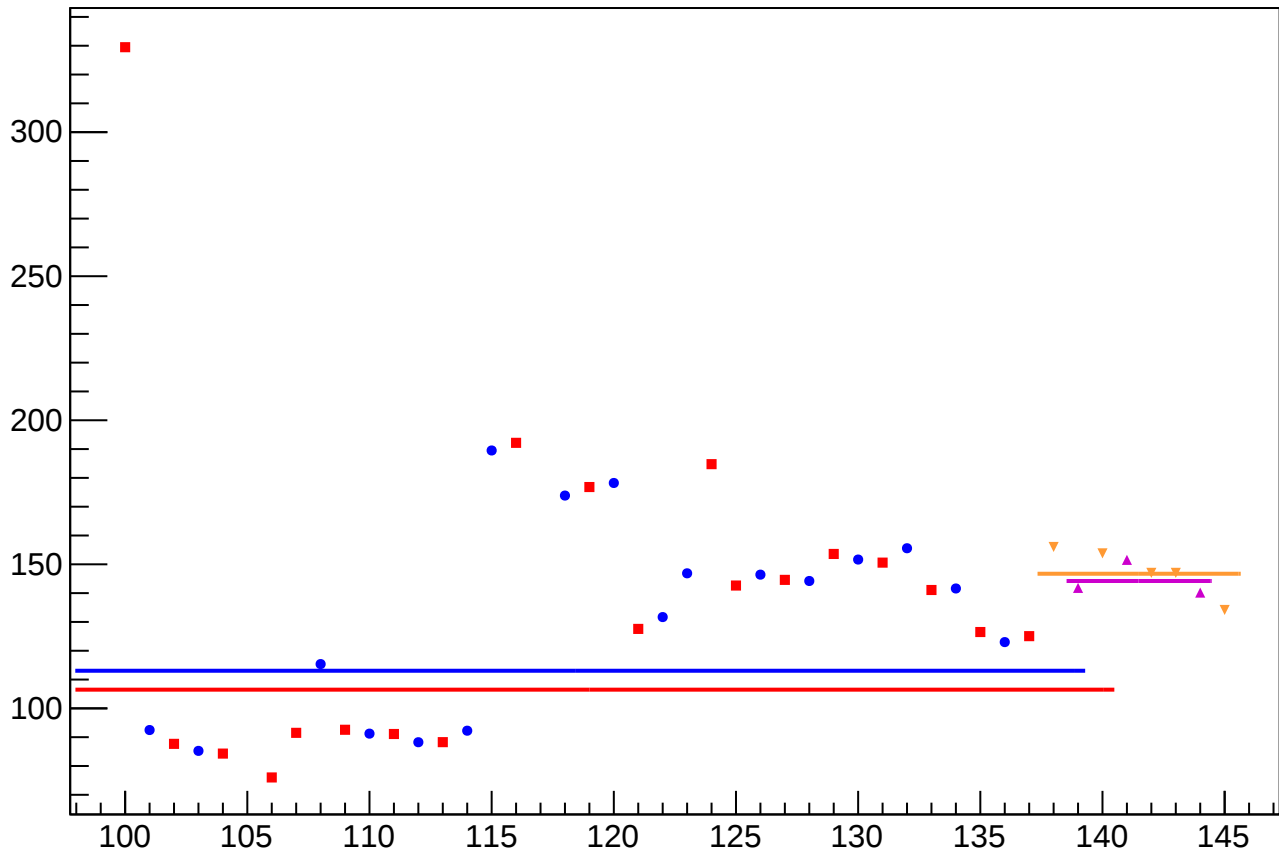
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 36.534 $\pm$ 40.481 χ^2/NDF : 14.5/19

Out: 104.586 $\pm$ 36.905 χ^2/NDF : 17.9/23

All: 73.698 $\pm$ 27.272 χ^2/NDF : 33.9/43

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 146.727 $\pm$ 0.056 χ^2 /NDF: 22027.3/4

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 144.211 $\pm$ 0.065 χ^2 /NDF: 5817.3/2

Left: 145.657 $\pm$ 0.042 χ^2 /NDF: 28716.7/7

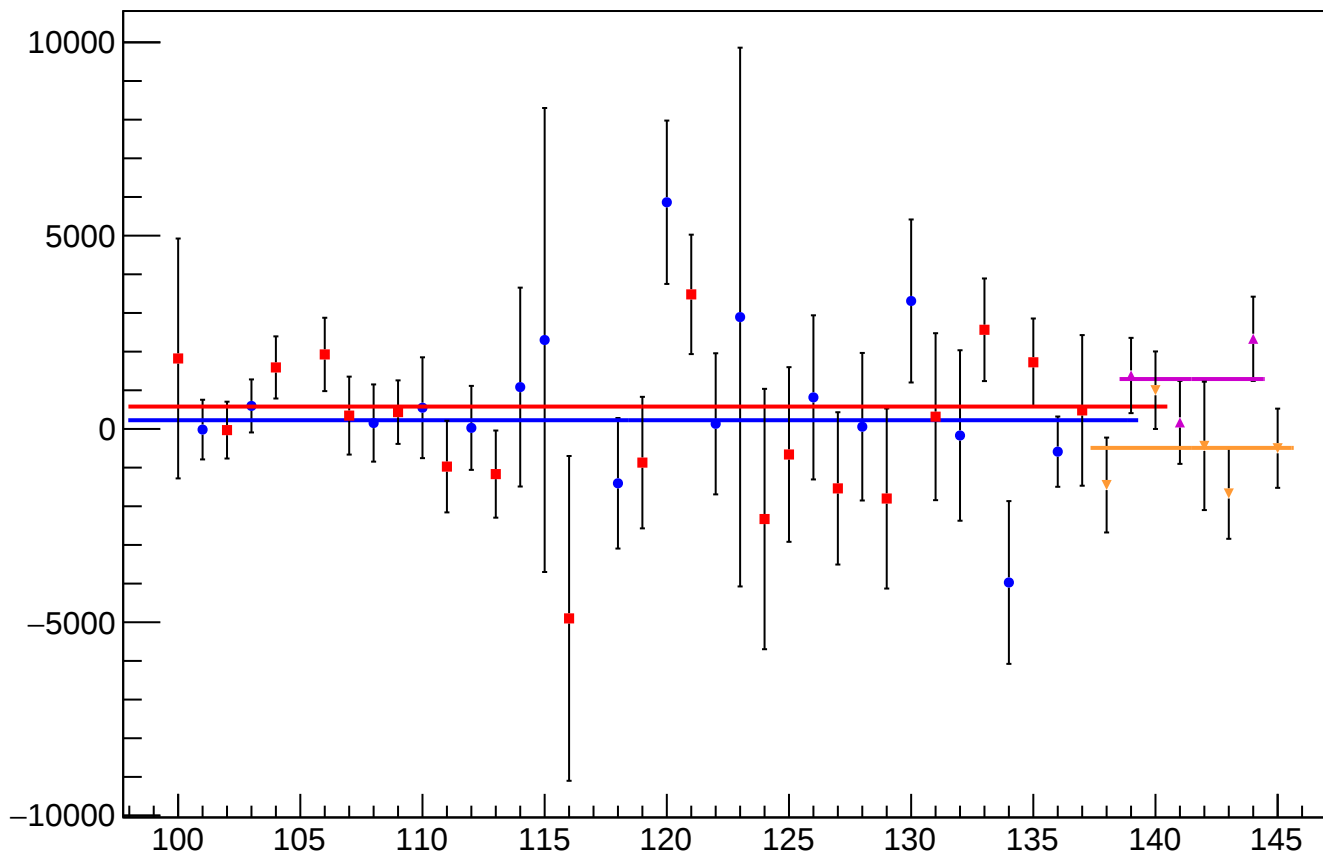
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 119.176 $\pm$ 0.029 χ^2 /NDF: 1013524.1/19

Out: 115.369 $\pm$ 0.026 χ^2 /NDF: 1446994.1/23

All: 117.097 $\pm$ 0.019 χ^2 /NDF: 2470177.3/43

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -489.989 $\pm$ 519.800 χ^2 /NDF:3.8/4

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 1291.039 $\pm$ 601.249 χ^2 /NDF:2.0/2

Left: 271.805 $\pm$ 393.222 χ^2 /NDF: 10.9/7

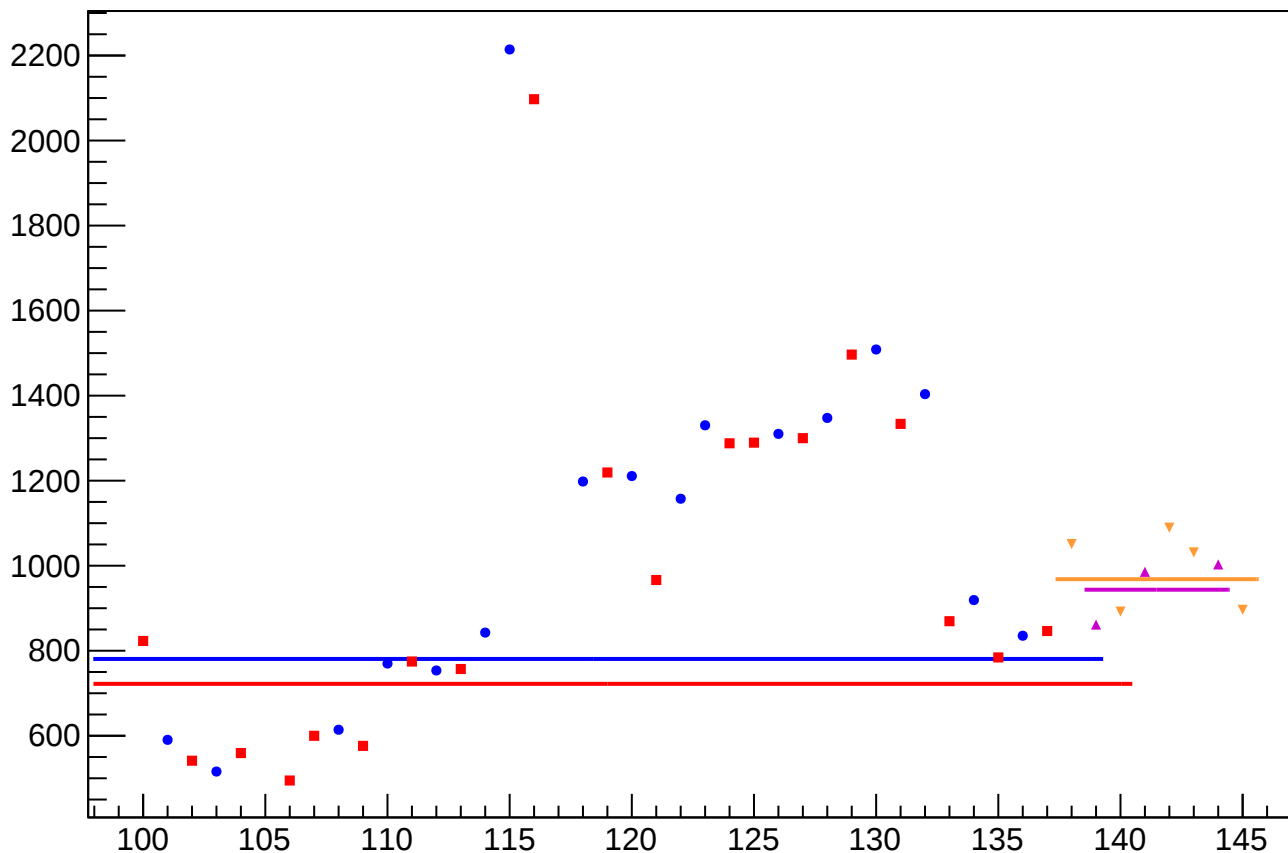
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 462.426 $\pm$ 283.453 χ^2 /NDF:20.4/19

Out: 326.284 $\pm$ 252.742 χ^2 /NDF:28.2/23

All: 386.583 $\pm$ 188.642 χ^2 /NDF: 48.7/43

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 968.320 $\pm$ 0.368 χ^2 /NDF:46921.6/4

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 943.564 $\pm$ 0.425 χ^2 /NDF:23245.0/2

Left: 957.731 $\pm$ 0.278 χ^2 /NDF: 72106.9/7

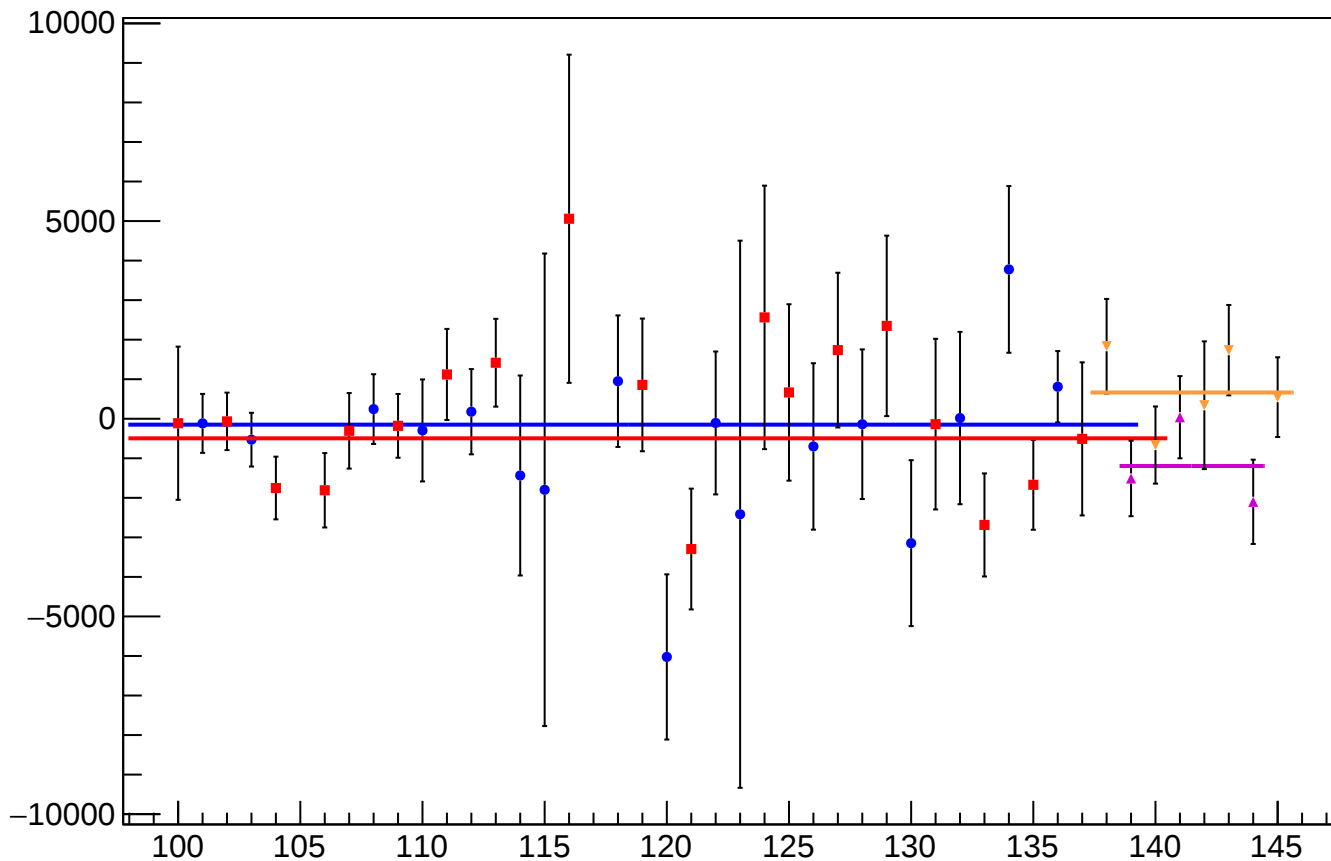
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 816.897 $\pm$ 0.200 χ^2 /NDF:1746887.6/19

Out: 780.348 $\pm$ 0.179 χ^2 /NDF:2018204.6/23

All: 796.536 $\pm$ 0.133 χ^2 /NDF: 3783617.2/43

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 664.569 ± 507.573 $\chi^2/\text{NDF}: 3.7/4$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -1195.438 ± 586.863 $\chi^2/\text{NDF}: 2.2/2$

Left: -131.383 ± 383.905 $\chi^2/\text{NDF}: 11.7/7$

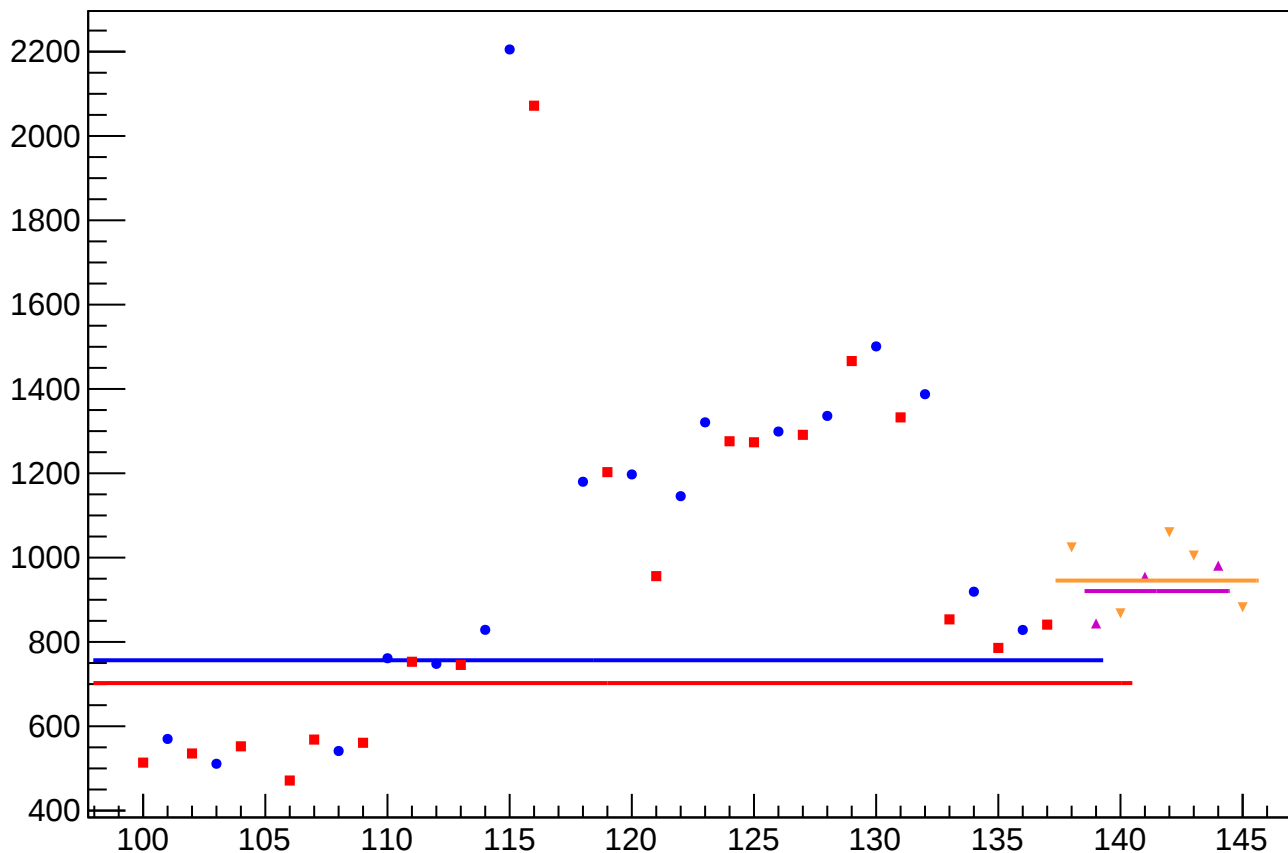
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -380.829 ± 276.150 $\chi^2/\text{NDF}: 20.8/19$

Out: -220.316 ± 246.990 $\chi^2/\text{NDF}: 31.4/23$

All: -291.653 ± 184.098 $\chi^2/\text{NDF}: 52.4/43$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 945.610+/-0.359 χ^2/NDF : 44695.5/4

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 920.699+/-0.415 χ^2/NDF : 21458.5/2

Left: 934.950+/-0.271 χ^2/NDF : 68215.4/7

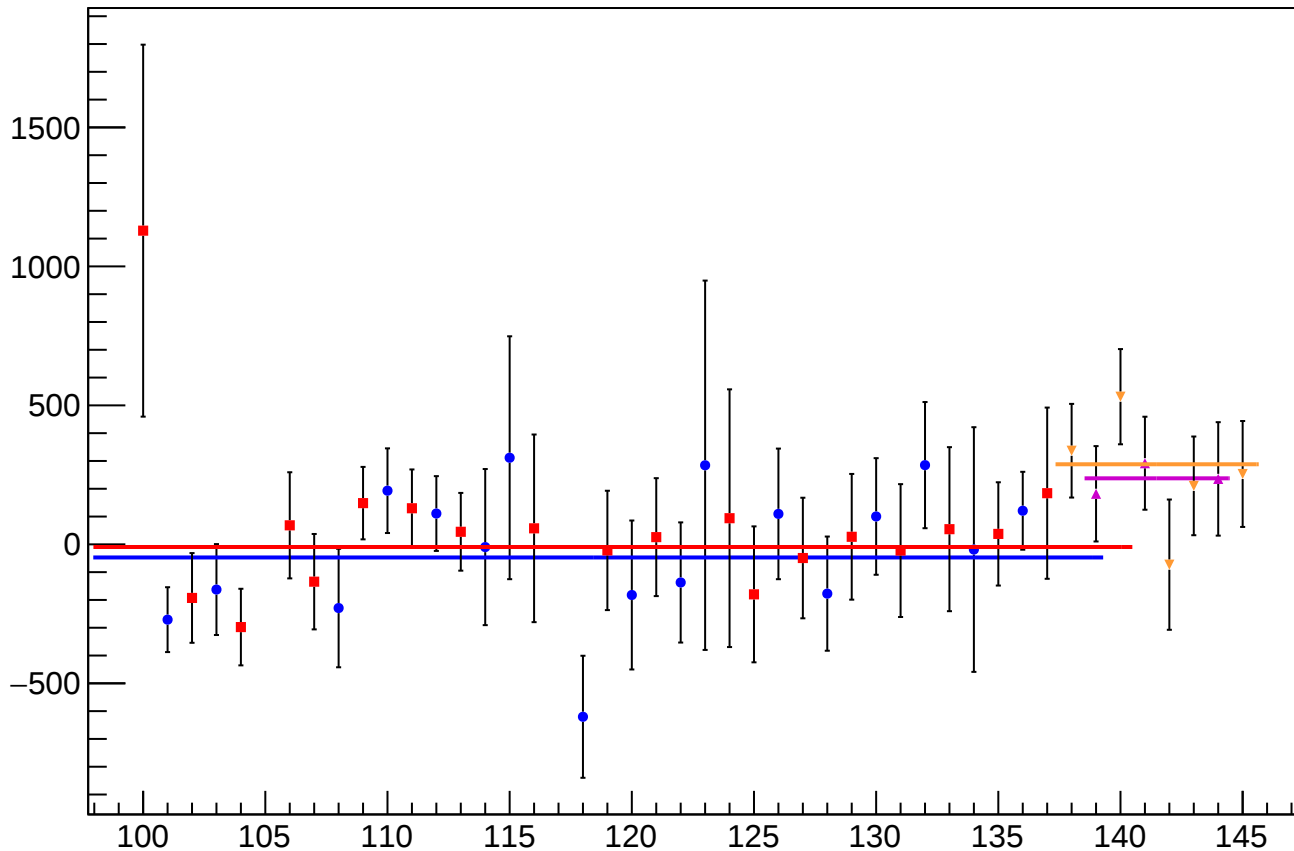
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 792.887+/-0.195 χ^2/NDF : 1856942.8/19

Out: 760.023+/-0.175 χ^2/NDF : 2084423.9/23

All: 774.629+/-0.130 χ^2/NDF : 3957103.4/43

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 288.115 ± 82.537 $\chi^2/\text{NDF}: 4.7/4$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 237.551 ± 103.293 $\chi^2/\text{NDF}: 0.2/2$

Left: 268.411 ± 64.480 $\chi^2/\text{NDF}: 5.1/7$

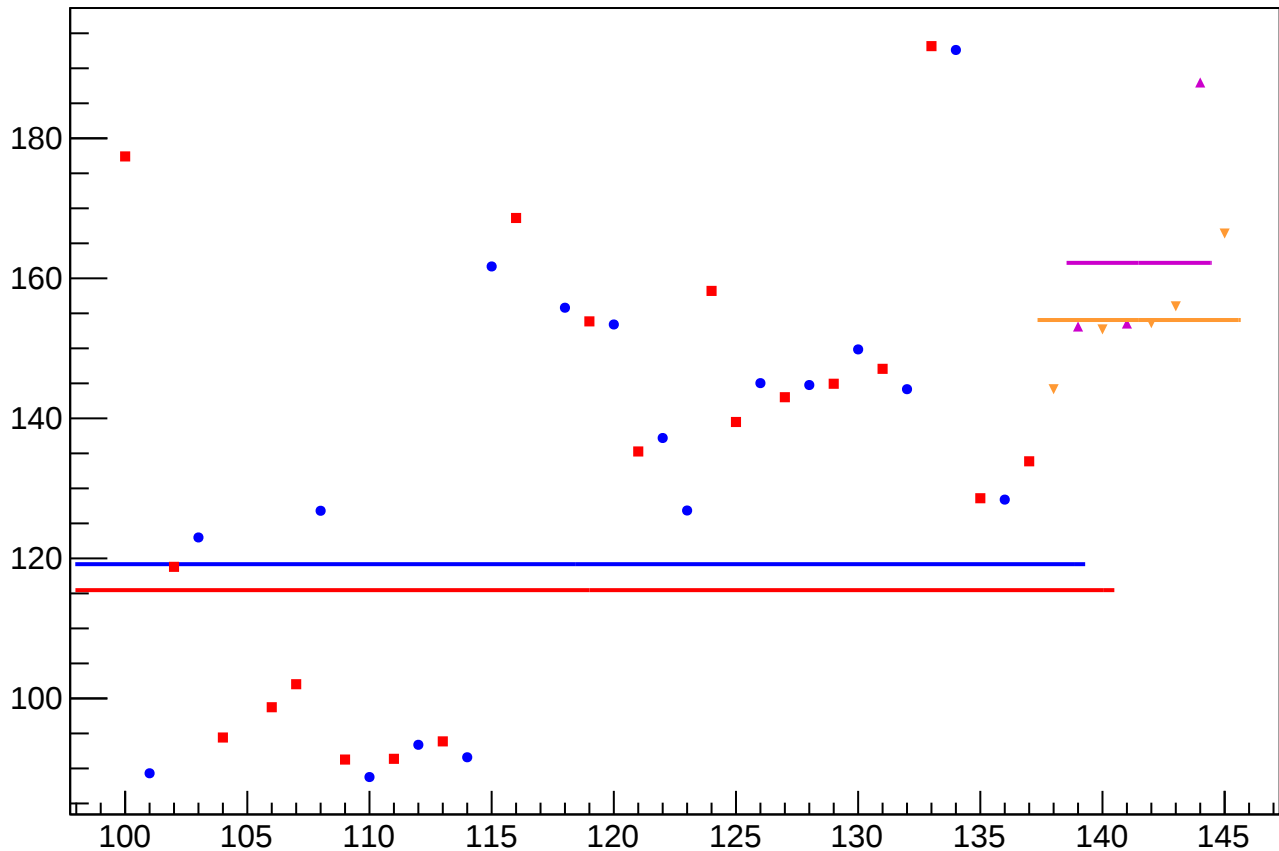
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 2.141 ± 42.982 $\chi^2/\text{NDF}: 28.4/19$

Out: 58.104 ± 39.339 $\chi^2/\text{NDF}: 27.8/23$

All: 32.594 ± 29.019 $\chi^2/\text{NDF}: 57.1/43$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 154.048 $\pm$ 0.058 χ^2/NDF :15660.5/4

Right Out: 115.466 $\pm$ 0.032 χ^2/NDF : 692783.7/18

Left In: 162.212 $\pm$ 0.073 χ^2/NDF :42857.2/2

Left: 157.229 $\pm$ 0.046 χ^2/NDF : 66142.5/7

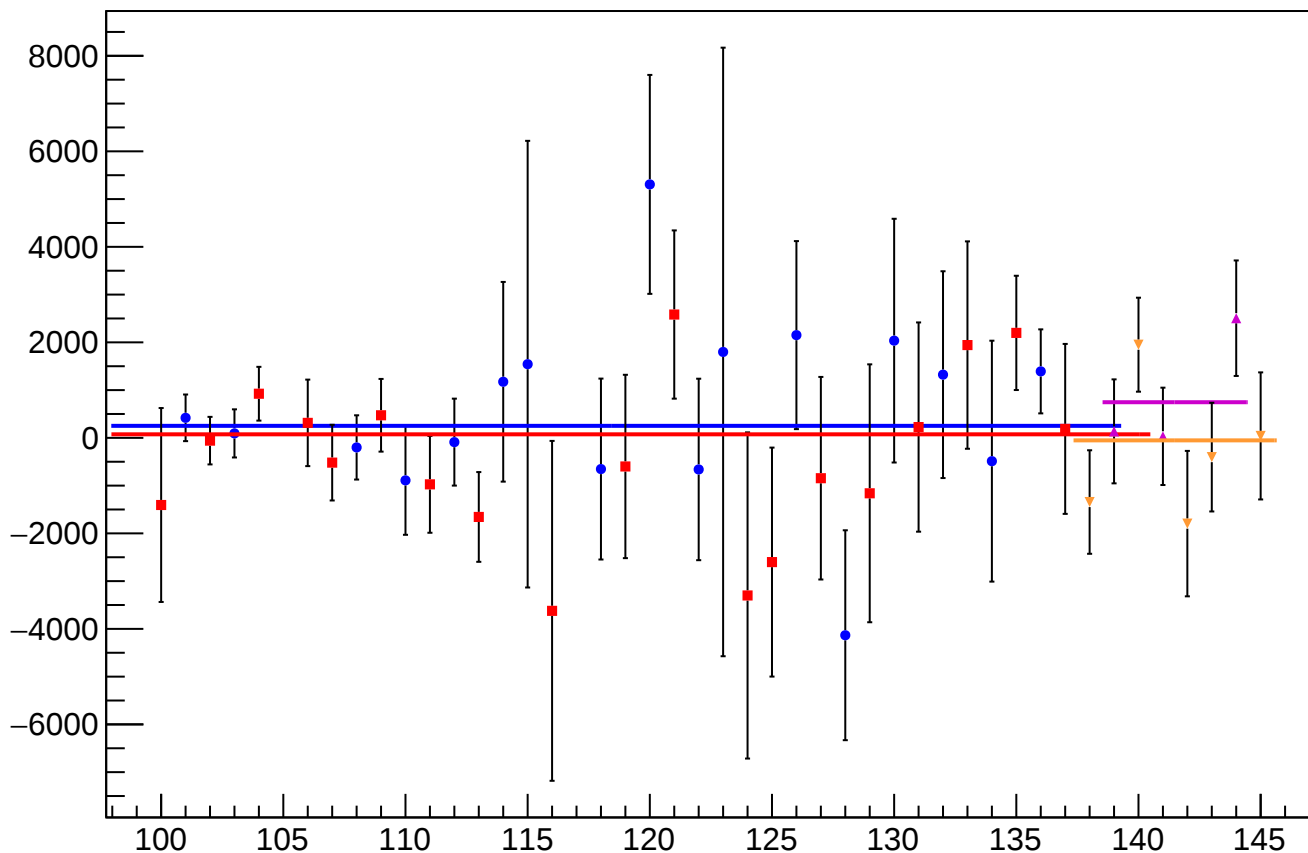
Right: 117.219 $\pm$ 0.023 χ^2/NDF : 1314582.7/35

In: 126.627 $\pm$ 0.030 χ^2/NDF :945229.5/19

Out: 124.231 $\pm$ 0.028 χ^2/NDF :1046185.0/23

All: 125.323 $\pm$ 0.021 χ^2/NDF : 1994797.8/43

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: -52.473+/-523.251 χ^2/NDF : 7.0/4

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 746.304+/-633.699 χ^2/NDF : 2.9/2

Left: 271.349+/-403.482 χ^2/NDF : 10.8/7

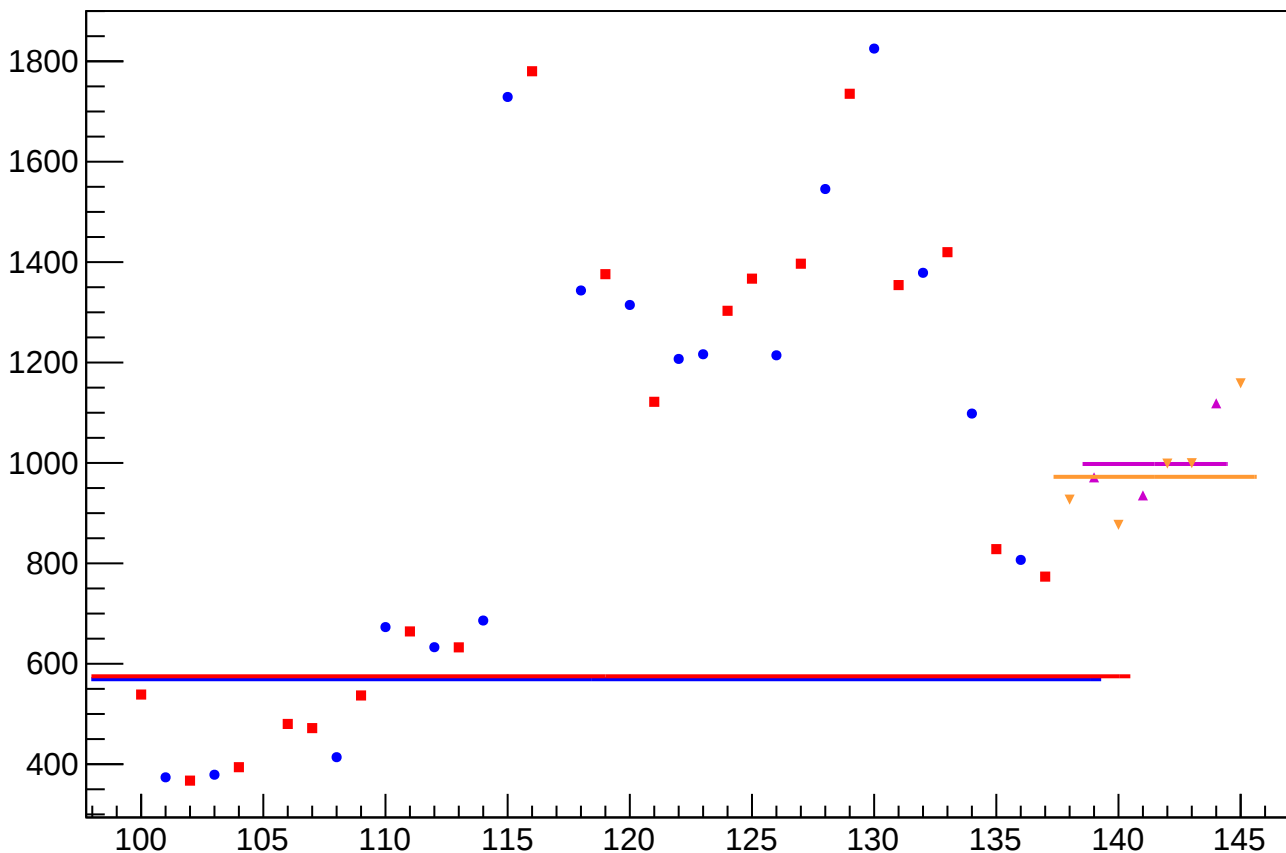
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 319.643+/-234.821 χ^2/NDF : 18.3/19

Out: 51.519+/-221.114 χ^2/NDF : 25.0/23

All: 177.527+/-160.979 χ^2/NDF : 44.0/43

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 972.364 $\pm$ 0.370 χ^2 /NDF: 63337.2/4

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 997.916 $\pm$ 0.448 χ^2 /NDF: 28705.3/2

Left: 982.723 $\pm$ 0.285 χ^2 /NDF: 93976.1/7

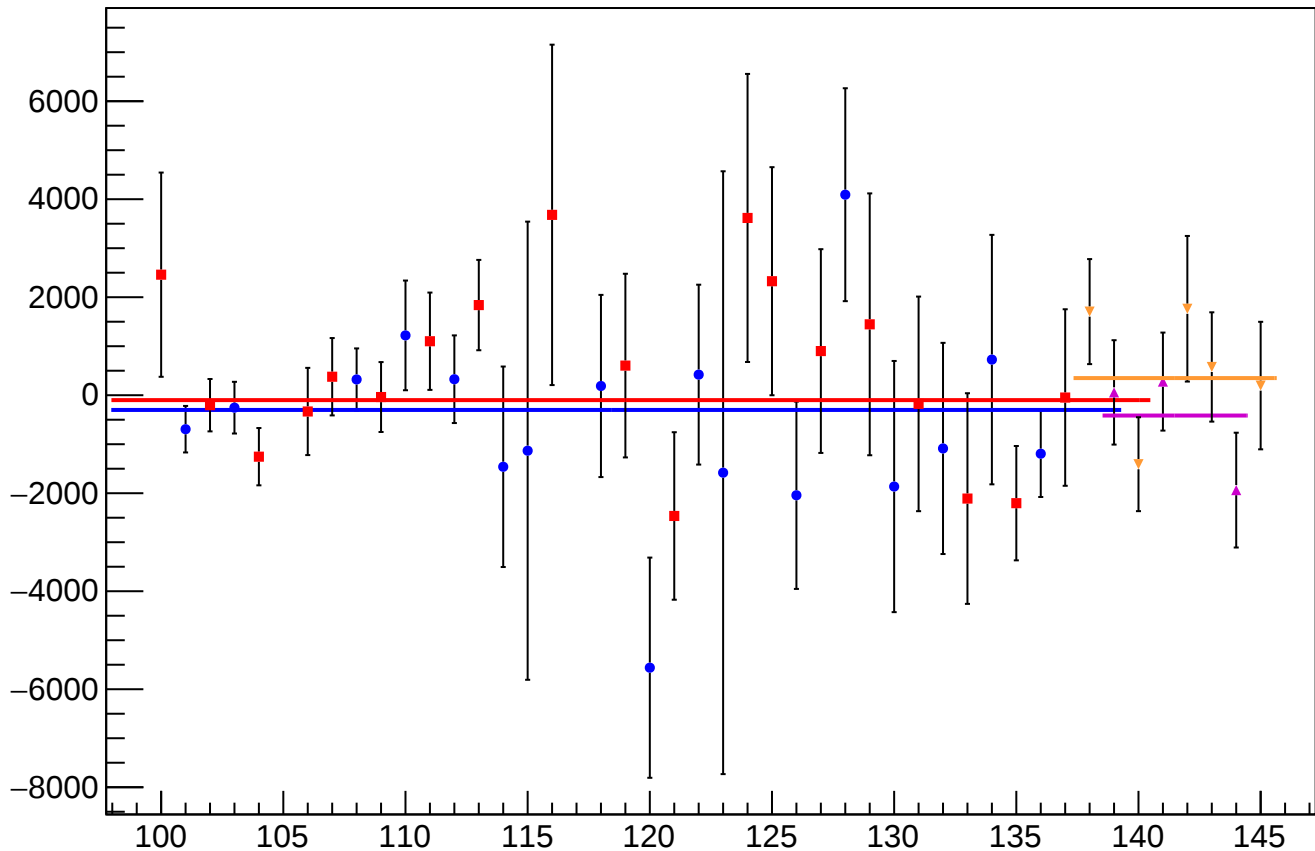
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 628.067 $\pm$ 0.166 χ^2 /NDF: 4085445.3/19

Out: 646.000 $\pm$ 0.156 χ^2 /NDF: 4069464.2/23

All: 637.572 $\pm$ 0.114 χ^2 /NDF: 8161091.8/43

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 349.645 ± 512.500 $\chi^2/\text{NDF}: 5.9/4$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -414.752 ± 619.004 $\chi^2/\text{NDF}: 2.4/2$

Left: 38.764 ± 394.758 $\chi^2/\text{NDF}: 9.2/7$

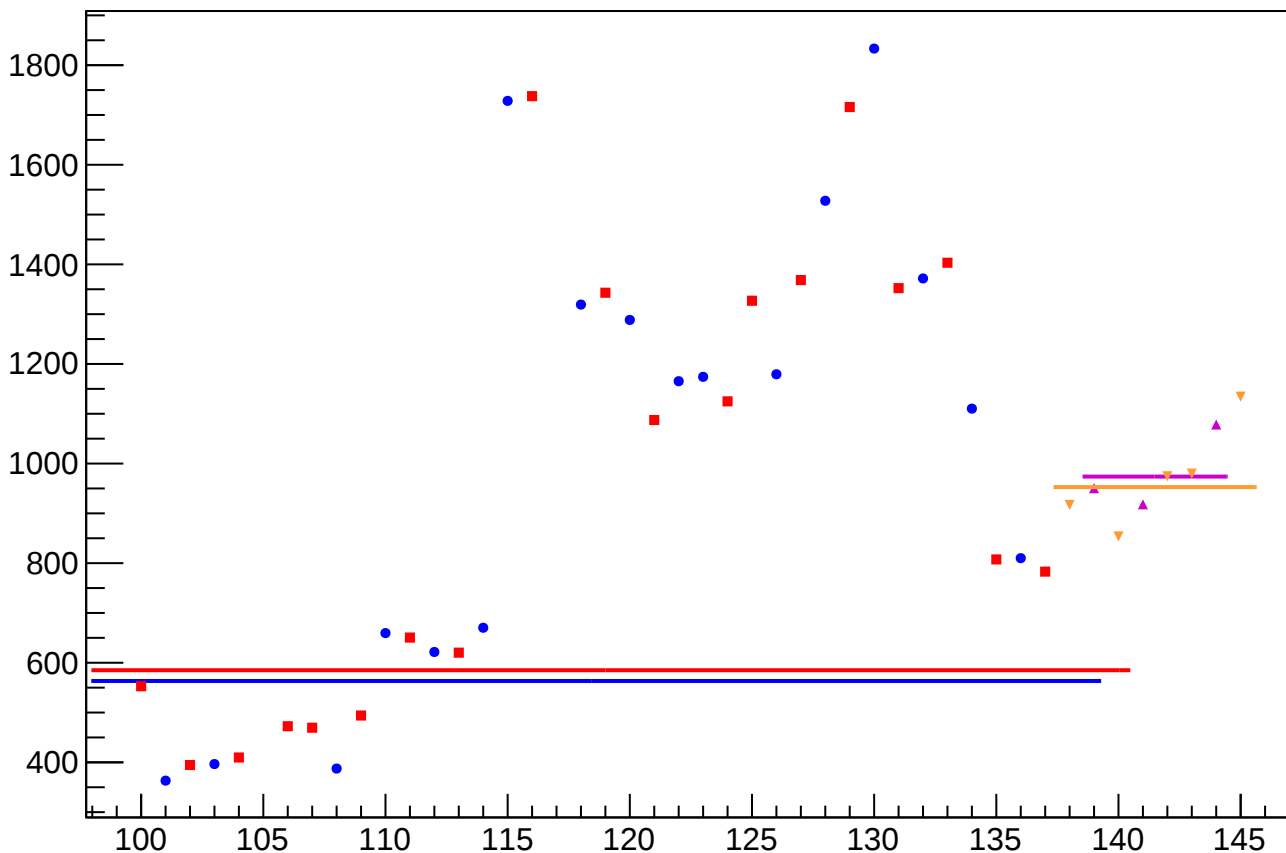
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -316.687 ± 232.049 $\chi^2/\text{NDF}: 19.1/19$

Out: -15.780 ± 221.746 $\chi^2/\text{NDF}: 28.9/23$

All: -159.405 ± 160.317 $\chi^2/\text{NDF}: 48.9/43$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 952.693+/-0.362 χ^2/NDF : 64143.4/4

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 973.845+/-0.438 χ^2/NDF : 23105.9/2

Left: 961.296+/-0.279 χ^2/NDF : 88634.8/7

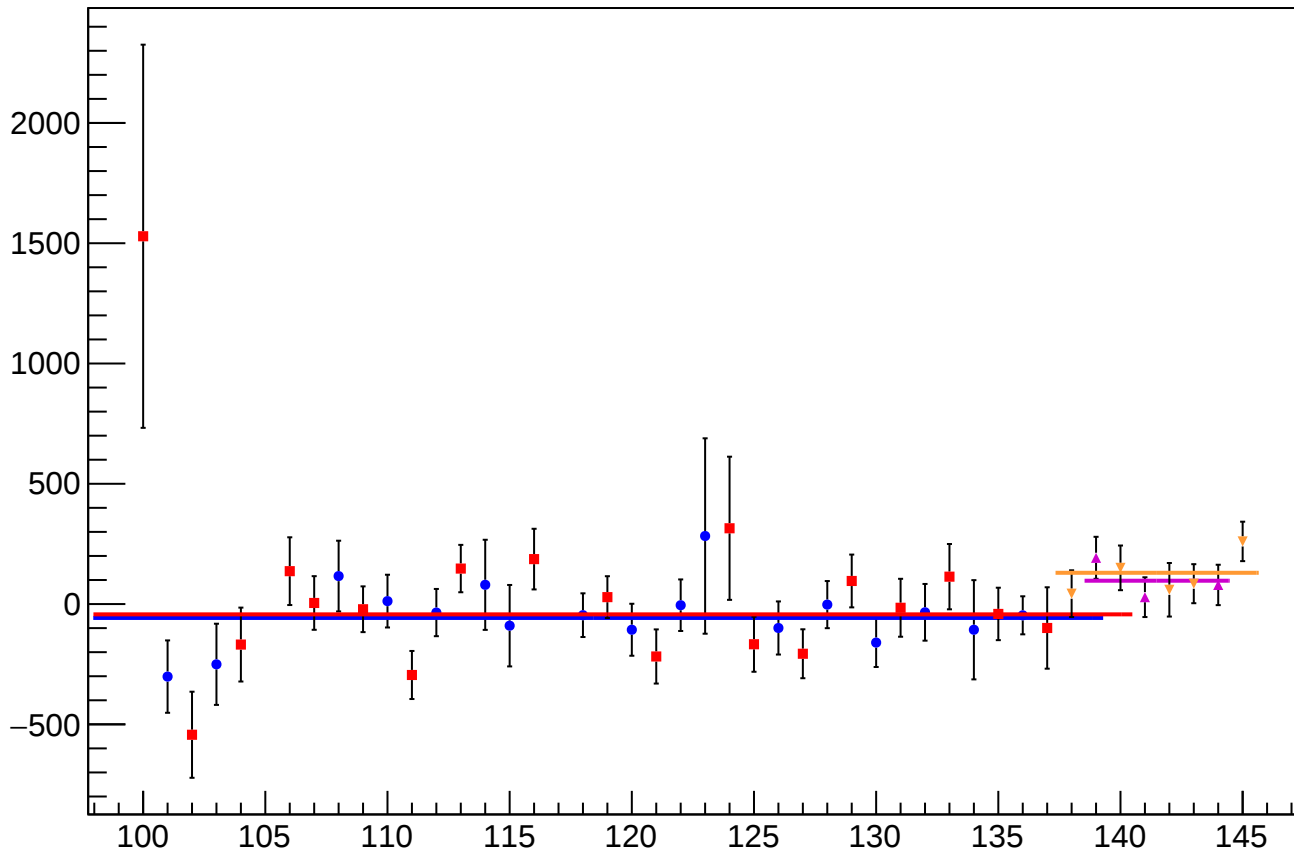
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 621.075+/-0.164 χ^2/NDF : 4037935.7/19

Out: 653.822+/-0.157 χ^2/NDF : 3719590.9/23

All: 638.191+/-0.113 χ^2/NDF : 7778345.7/43

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 130.015 ± 40.715 χ^2/NDF : 4.1/4

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 97.032 ± 48.815 χ^2/NDF : 1.9/2

Left: 116.483 ± 31.267 χ^2/NDF : 6.3/7

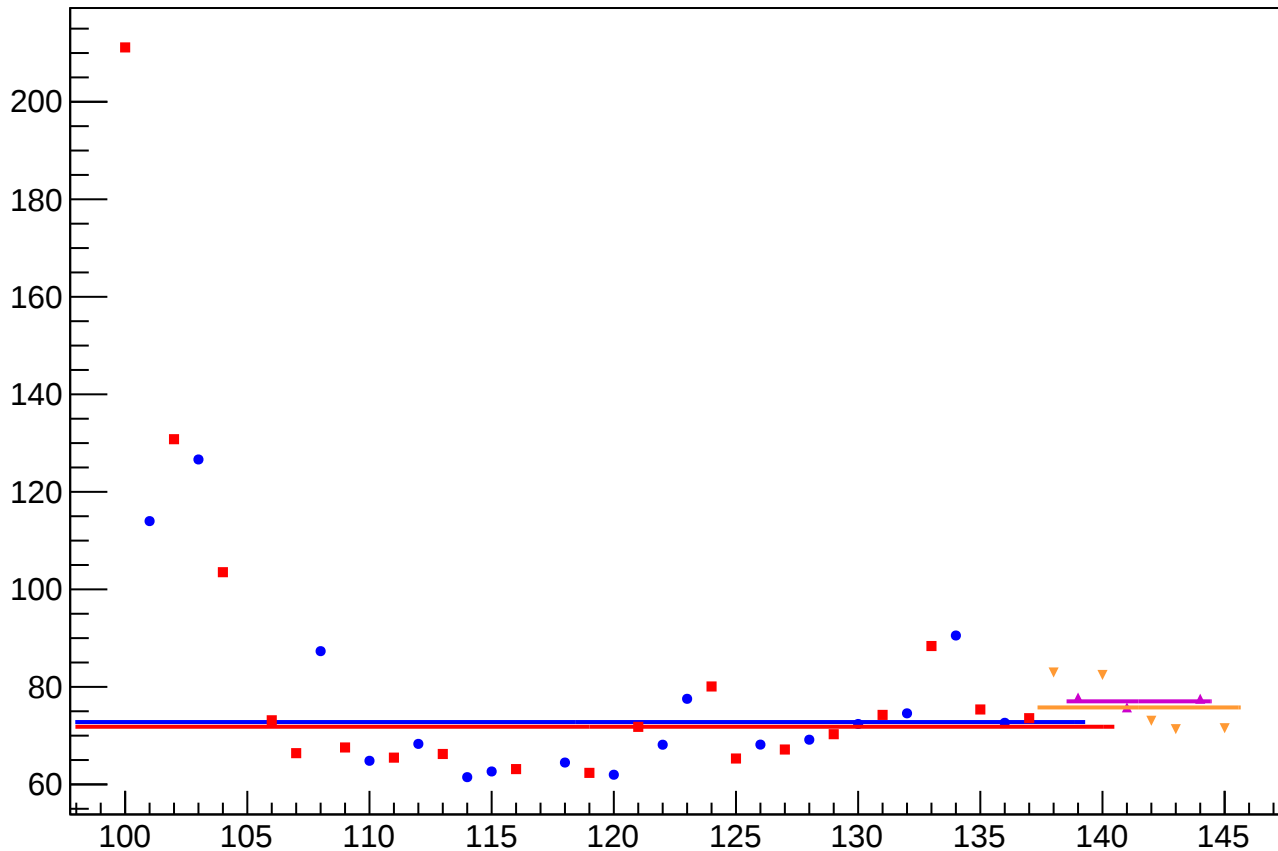
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: -17.974 ± 24.736 χ^2/NDF : 18.5/19

Out: 11.871 ± 22.899 χ^2/NDF : 55.5/23

All: -1.902 ± 16.804 χ^2/NDF : 74.8/43

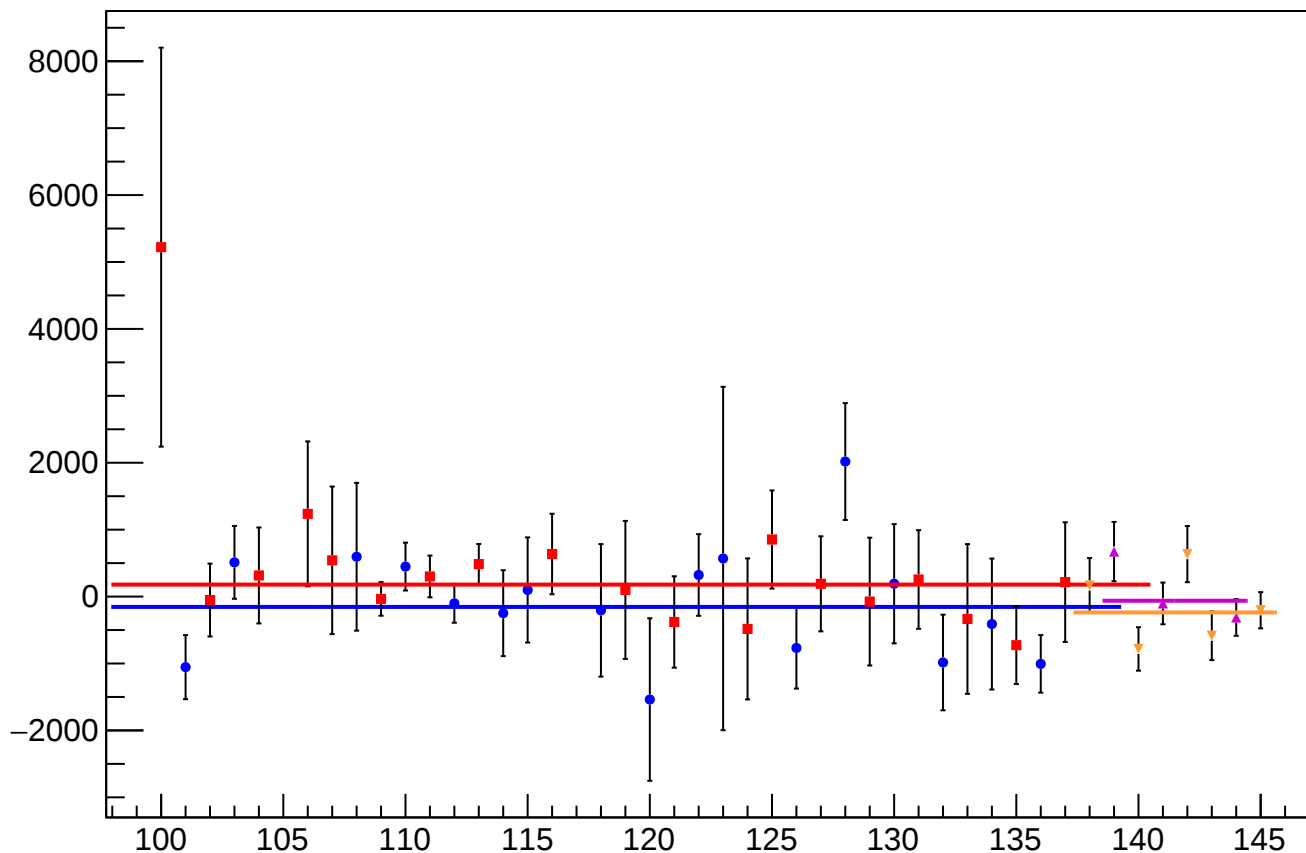
dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 χ^2/NDF : 464772.9/16
 Left Out: 75.784 ± 0.029 χ^2/NDF : 33809.6/4
 Right Out: 71.824 ± 0.020 χ^2/NDF : 465654.1/18
 Left In: 77.037 ± 0.035 χ^2/NDF : 685.0/2

Left: 76.298 ± 0.022 χ^2/NDF : 35271.1/7
 Right: 72.290 ± 0.014 χ^2/NDF : 931600.5/35
 In: 73.880 ± 0.017 χ^2/NDF : 476709.7/19
 Out: 73.077 ± 0.016 χ^2/NDF : 512401.5/23
 All: 73.448 ± 0.012 χ^2/NDF : 990248.3/43

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -236.995 ± 153.711 $\chi^2/\text{NDF}: 9.0/4$

Right Out: 179.068 ± 126.107 $\chi^2/\text{NDF}: 11.3/18$

Left In: -62.106 ± 186.764 $\chi^2/\text{NDF}: 3.6/2$

Left: -166.370 ± 118.683 $\chi^2/\text{NDF}: 13.1/7$

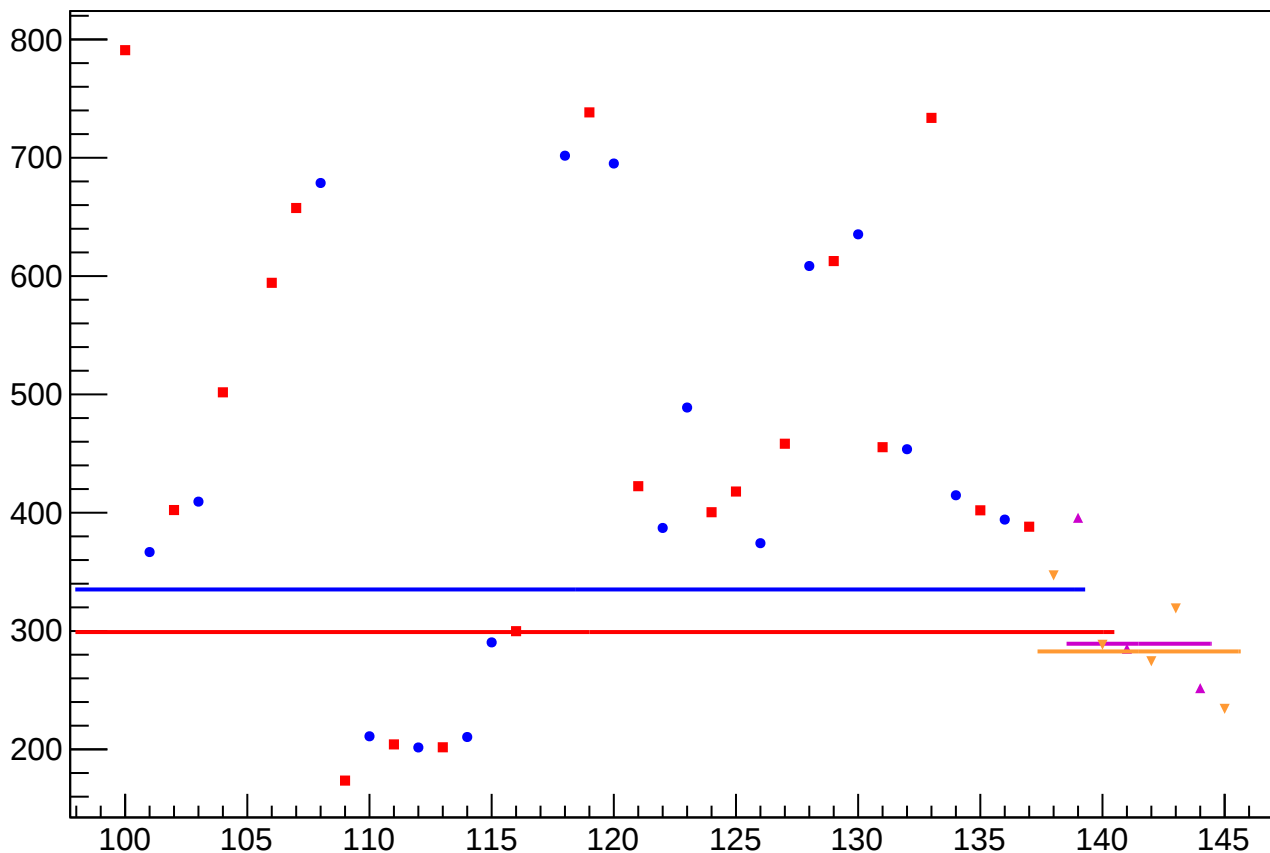
Right: 30.517 ± 93.908 $\chi^2/\text{NDF}: 37.6/35$

In: -120.987 ± 112.379 $\chi^2/\text{NDF}: 26.9/19$

Out: 11.684 ± 97.495 $\chi^2/\text{NDF}: 24.7/23$

All: -45.289 ± 73.643 $\chi^2/\text{NDF}: 52.4/43$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 282.757+/-0.109 χ^2/NDF :134913.8/4

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 289.264+/-0.132 χ^2/NDF :153075.7/2

Left: 285.385+/-0.084 χ^2/NDF : 289436.8/7

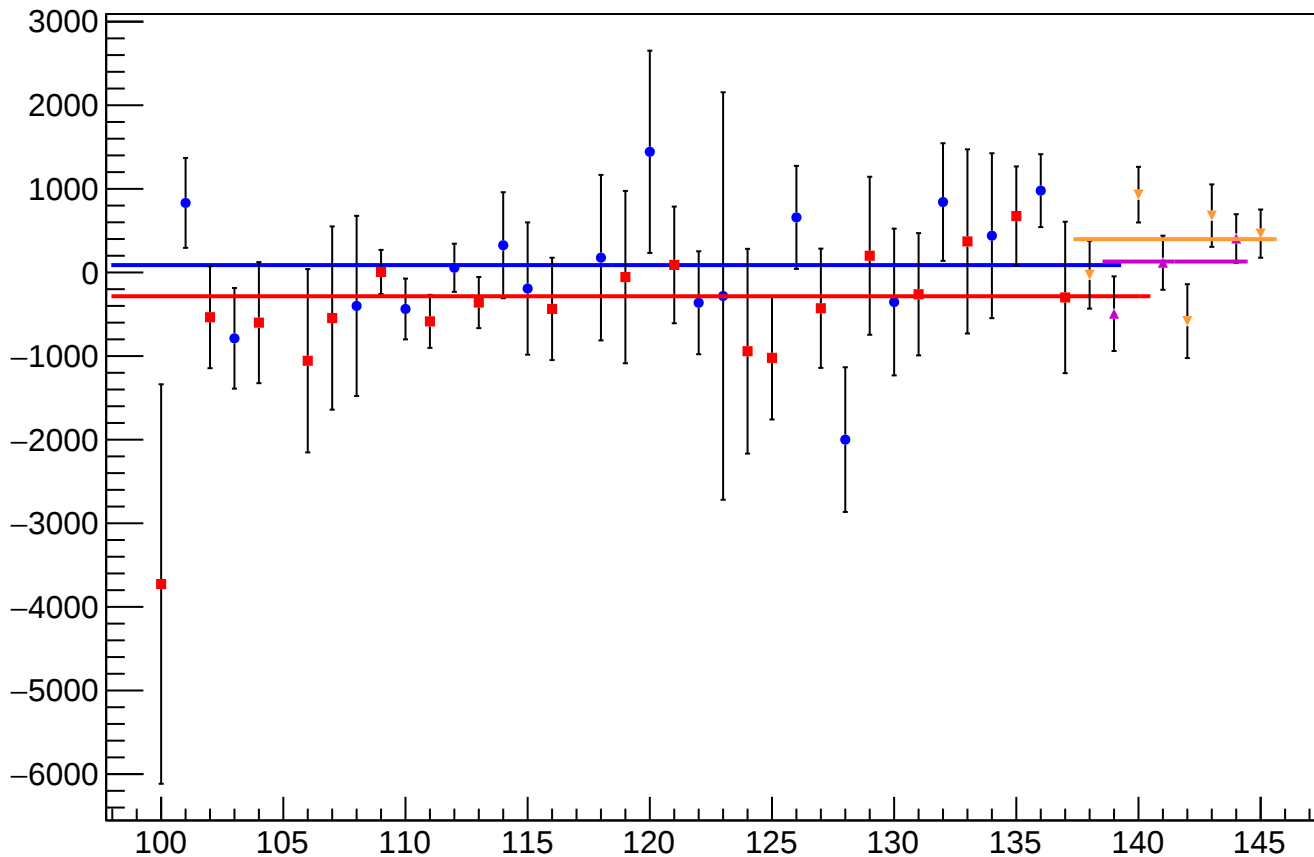
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 318.526+/-0.079 χ^2/NDF :2224084.8/19

Out: 292.546+/-0.069 χ^2/NDF :2979575.1/23

All: 303.703+/-0.052 χ^2/NDF : 5264648.7/43

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 398.388 ± 159.211 $\chi^2/\text{NDF}: 9.2/4$

Right Out: -284.510 ± 129.675 $\chi^2/\text{NDF}: 10.1/18$

Left In: 130.536 ± 194.612 $\chi^2/\text{NDF}: 2.9/2$

Left: 290.996 ± 123.227 $\chi^2/\text{NDF}: 13.2/7$

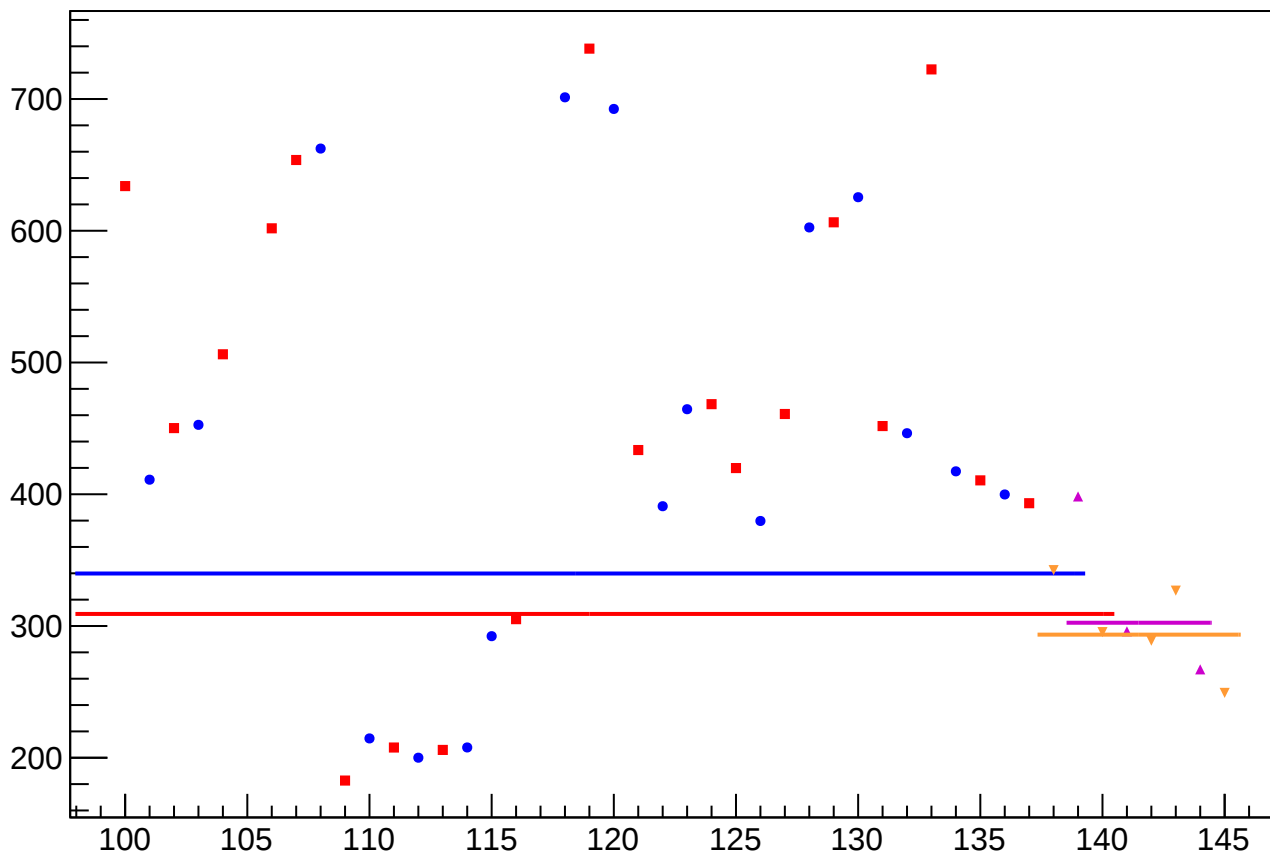
Right: -116.387 ± 96.066 $\chi^2/\text{NDF}: 34.7/35$

In: 102.991 ± 115.245 $\chi^2/\text{NDF}: 23.7/19$

Out: -12.158 ± 100.545 $\chi^2/\text{NDF}: 30.4/23$

All: 37.608 ± 75.763 $\chi^2/\text{NDF}: 54.6/43$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 293.448 $\pm$ 0.113 χ^2/NDF : 92536.4/4

Right Out: 309.158 $\pm$ 0.092 χ^2/NDF : 2735887.4/18

Left In: 302.477 $\pm$ 0.138 χ^2/NDF : 122703.0/2

Left: 297.068 $\pm$ 0.087 χ^2/NDF : 217818.5/7

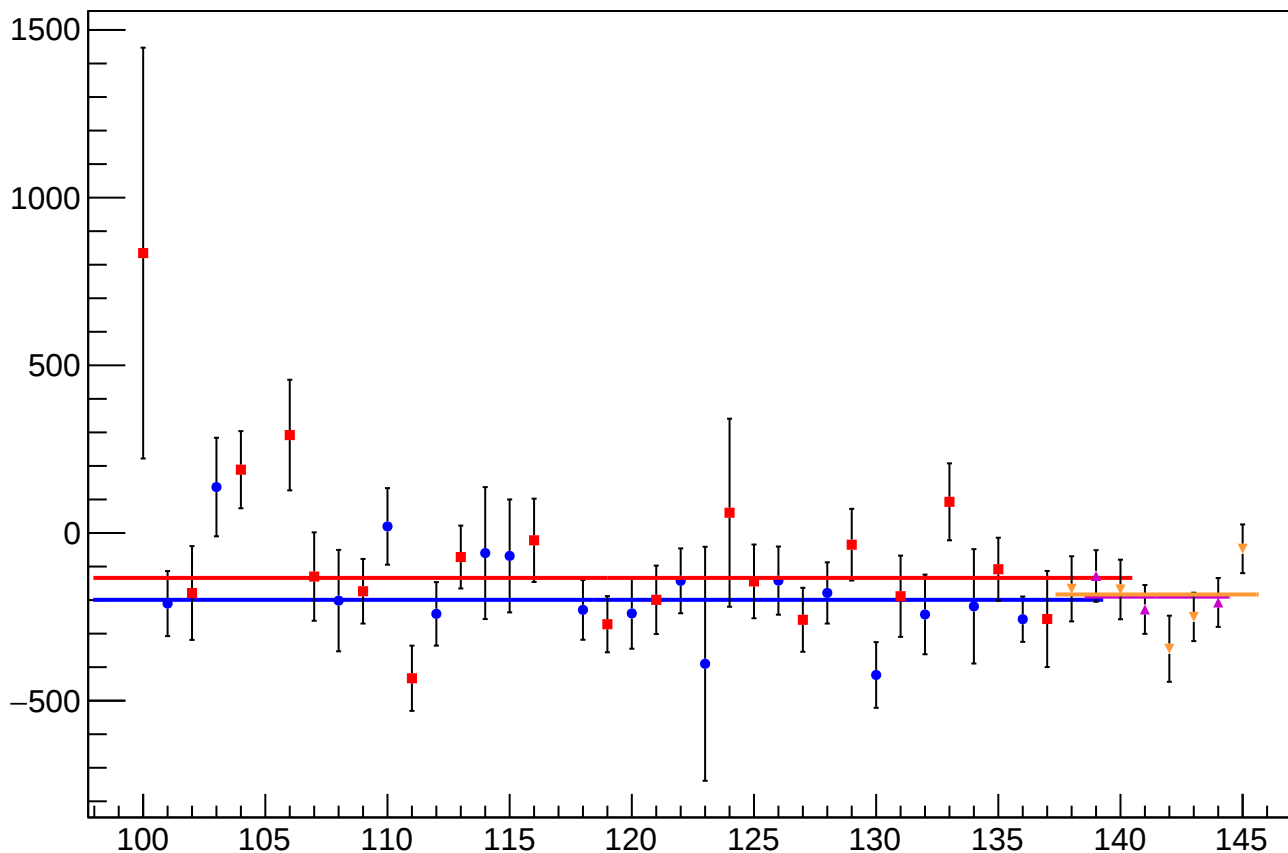
Right: 323.006 $\pm$ 0.068 χ^2/NDF : 4829958.1/35

In: 326.744 $\pm$ 0.081 χ^2/NDF : 2214117.9/19

Out: 302.893 $\pm$ 0.071 χ^2/NDF : 2840132.0/23

All: 313.201 $\pm$ 0.054 χ^2/NDF : 5102892.1/43

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -183.250 ± 37.335 $\chi^2/\text{NDF}: 7.1/4$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -189.817 ± 42.786 $\chi^2/\text{NDF}: 1.0/2$

Left: -186.089 ± 28.131 $\chi^2/\text{NDF}: 8.1/7$

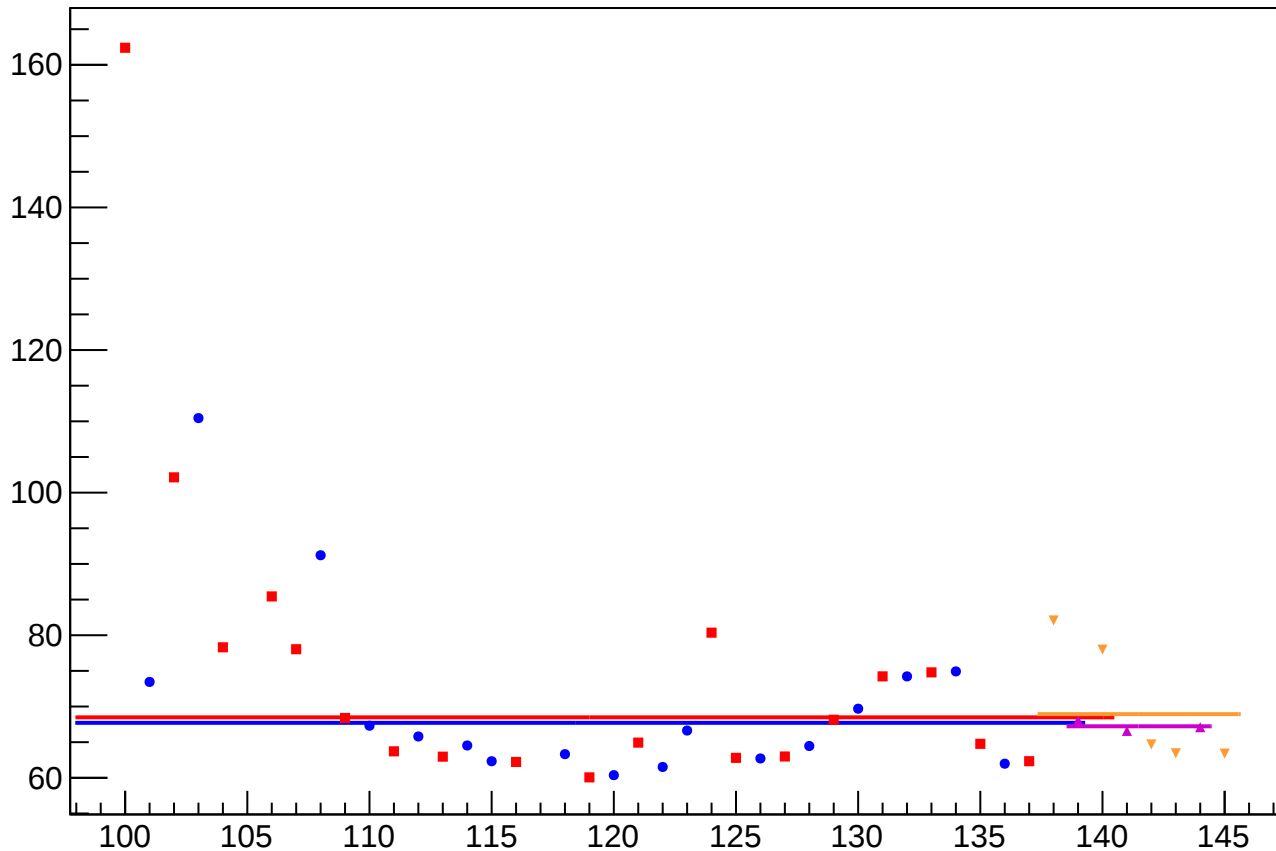
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -196.634 ± 22.538 $\chi^2/\text{NDF}: 18.6/19$

Out: -150.170 ± 21.462 $\chi^2/\text{NDF}: 47.5/23$

All: -172.266 ± 15.542 $\chi^2/\text{NDF}: 68.3/43$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 68.933 $\pm$ 0.026 χ^2 /NDF:84263.0/4

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 67.228 $\pm$ 0.030 χ^2 /NDF:412.2/2

Left: 68.196 $\pm$ 0.020 χ^2 /NDF: 86478.4/7

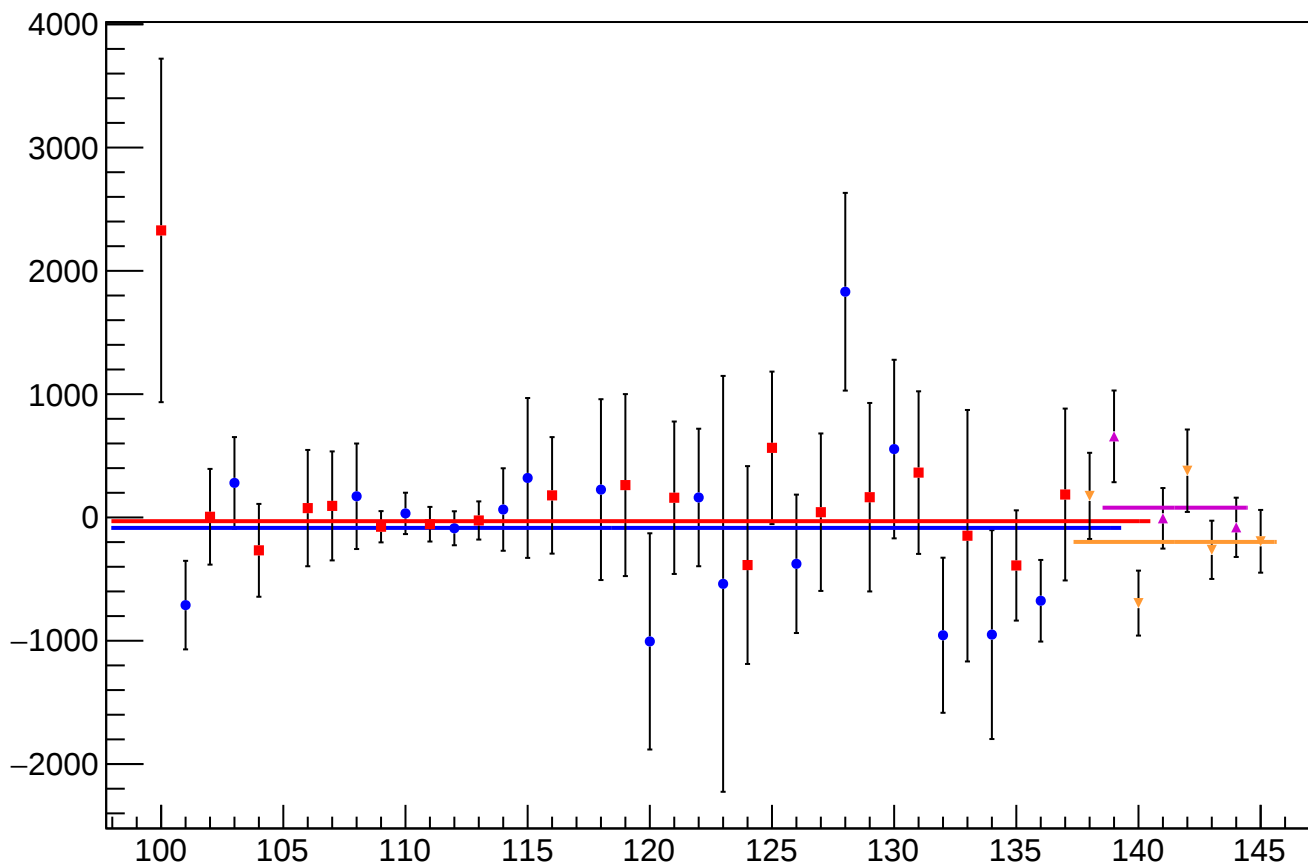
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 67.580 $\pm$ 0.016 χ^2 /NDF:283492.4/19

Out: 68.630 $\pm$ 0.015 χ^2 /NDF:365882.5/23

All: 68.131 $\pm$ 0.011 χ^2 /NDF: 651652.4/43

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -198.443 $\pm$ 124.117 χ^2/NDF : 7.7/4

Right Out: -30.219 $\pm$ 69.663 χ^2/NDF : 6.3/18

Left In: 79.158 $\pm$ 155.953 χ^2/NDF : 3.0/2

Left: -90.795 $\pm$ 97.115 χ^2/NDF : 12.7/7

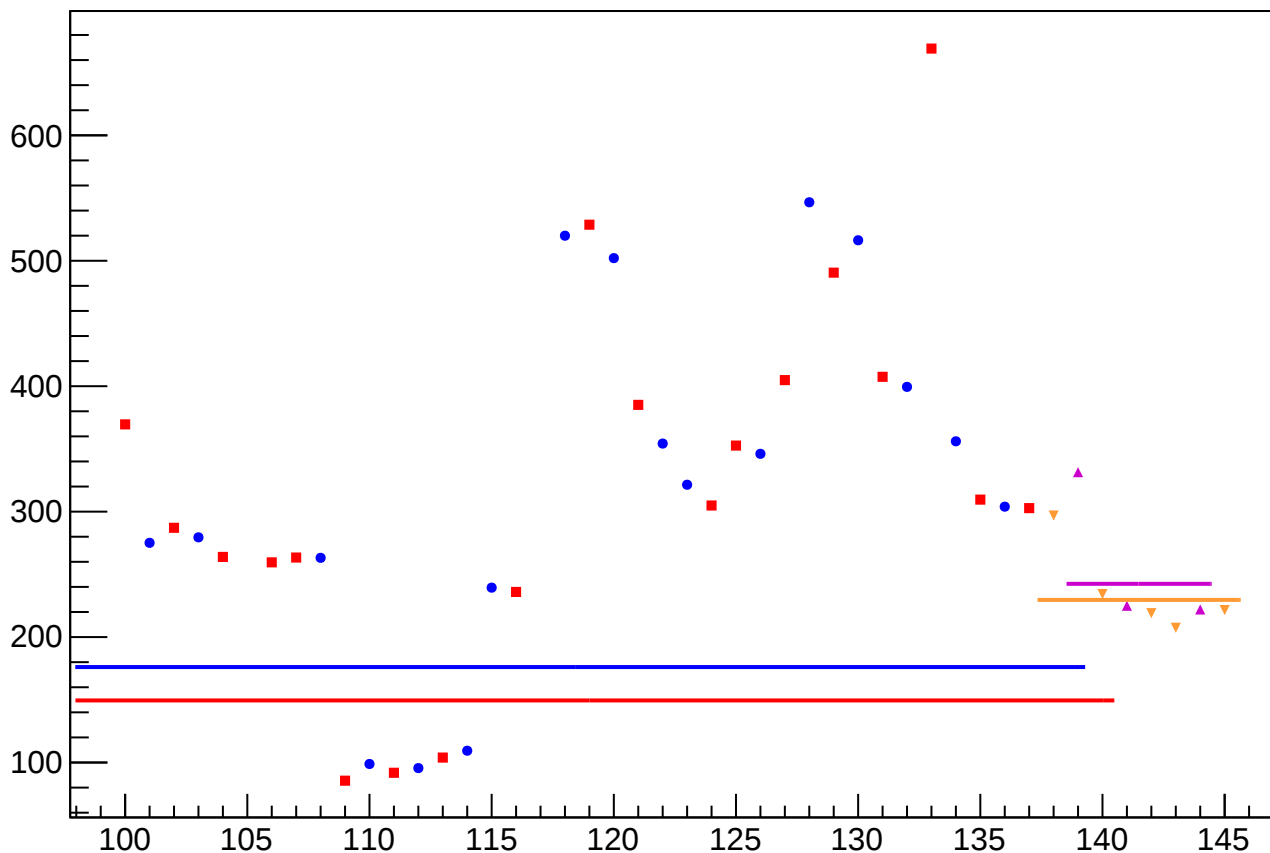
Right: -52.867 $\pm$ 53.271 χ^2/NDF : 26.5/35

In: -48.804 $\pm$ 73.040 χ^2/NDF : 23.7/19

Out: -70.518 $\pm$ 60.748 χ^2/NDF : 15.5/23

All: -61.639 $\pm$ 46.705 χ^2/NDF : 39.3/43

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 229.650+/-0.088 χ^2/NDF :96457.2/4

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 242.456+/-0.110 χ^2/NDF :139202.5/2

Left: 234.616+/-0.069 χ^2/NDF : 243916.1/7

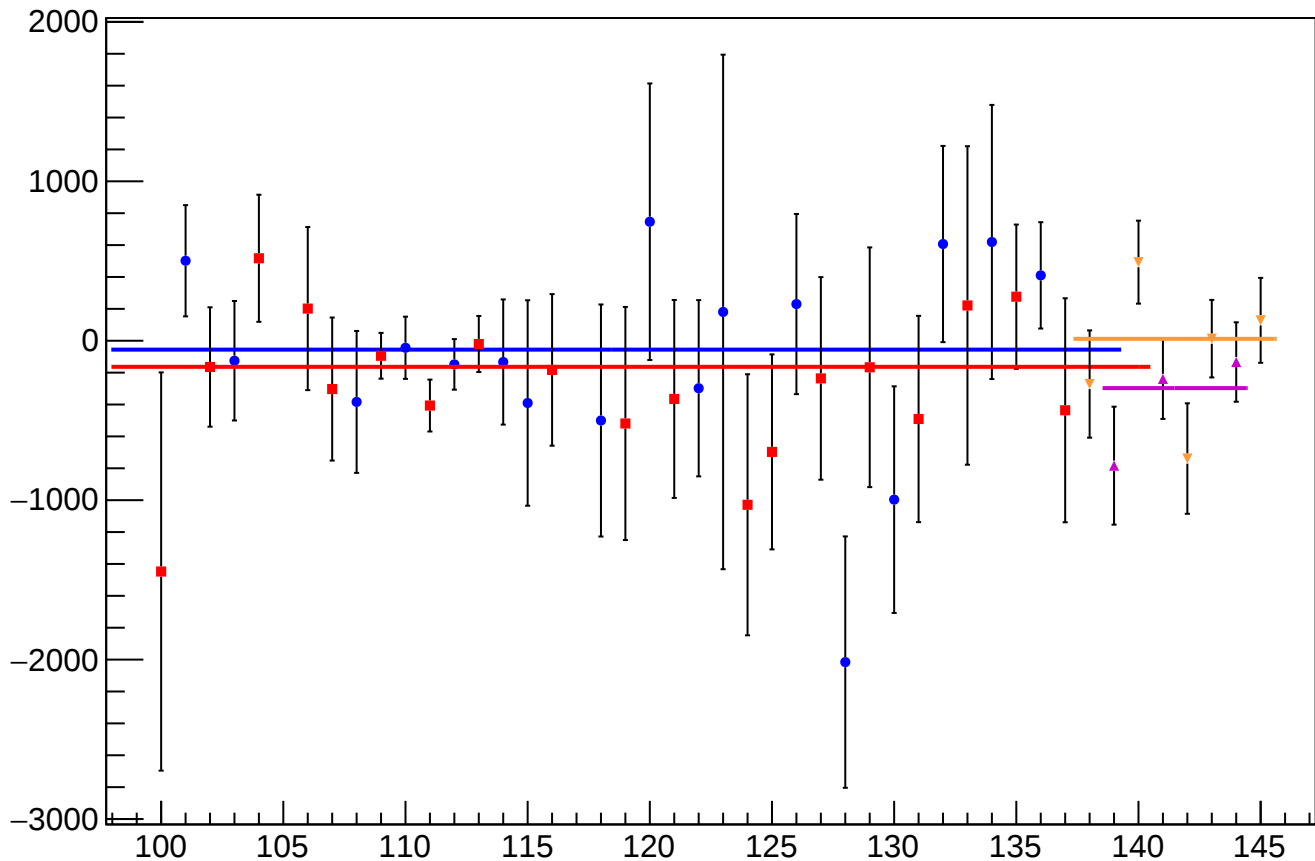
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 190.652+/-0.052 χ^2/NDF :4645544.1/19

Out: 168.688+/-0.043 χ^2/NDF :5551909.4/23

All: 177.669+/-0.033 χ^2/NDF : 10304362.5/43

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 11.995 ± 126.038 χ^2/NDF : 9.0/4

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -297.084 ± 159.512 χ^2/NDF : 2.2/2

Left: -106.803 ± 98.893 χ^2/NDF : 13.5/7

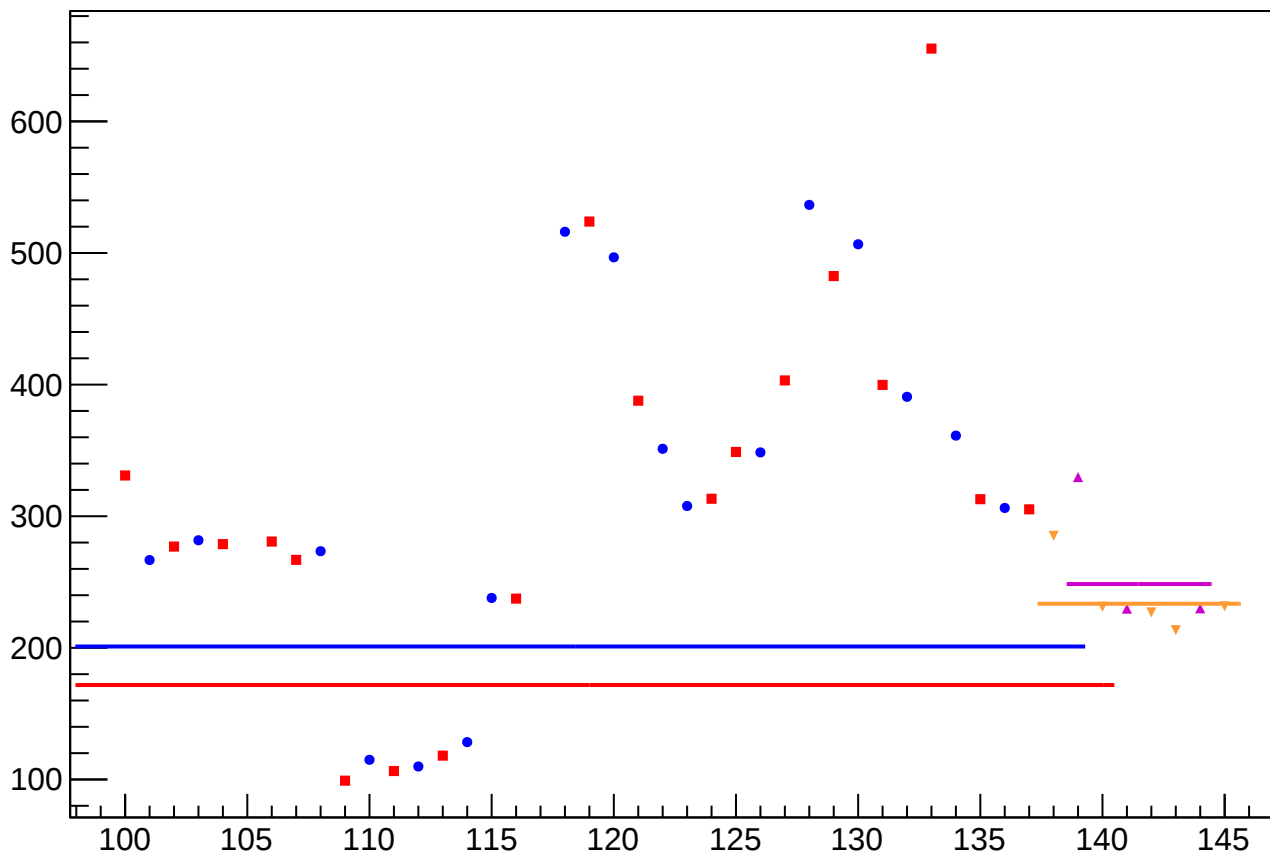
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -114.568 ± 78.761 χ^2/NDF : 21.1/19

Out: -115.916 ± 65.662 χ^2/NDF : 21.9/23

All: -115.363 ± 50.434 χ^2/NDF : 43.0/43

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 233.521+/-0.089 χ^2/NDF : 61664.0/4

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 248.483+/-0.113 χ^2/NDF : 118528.5/2

Left: 239.272+/-0.070 χ^2/NDF : 191024.8/7

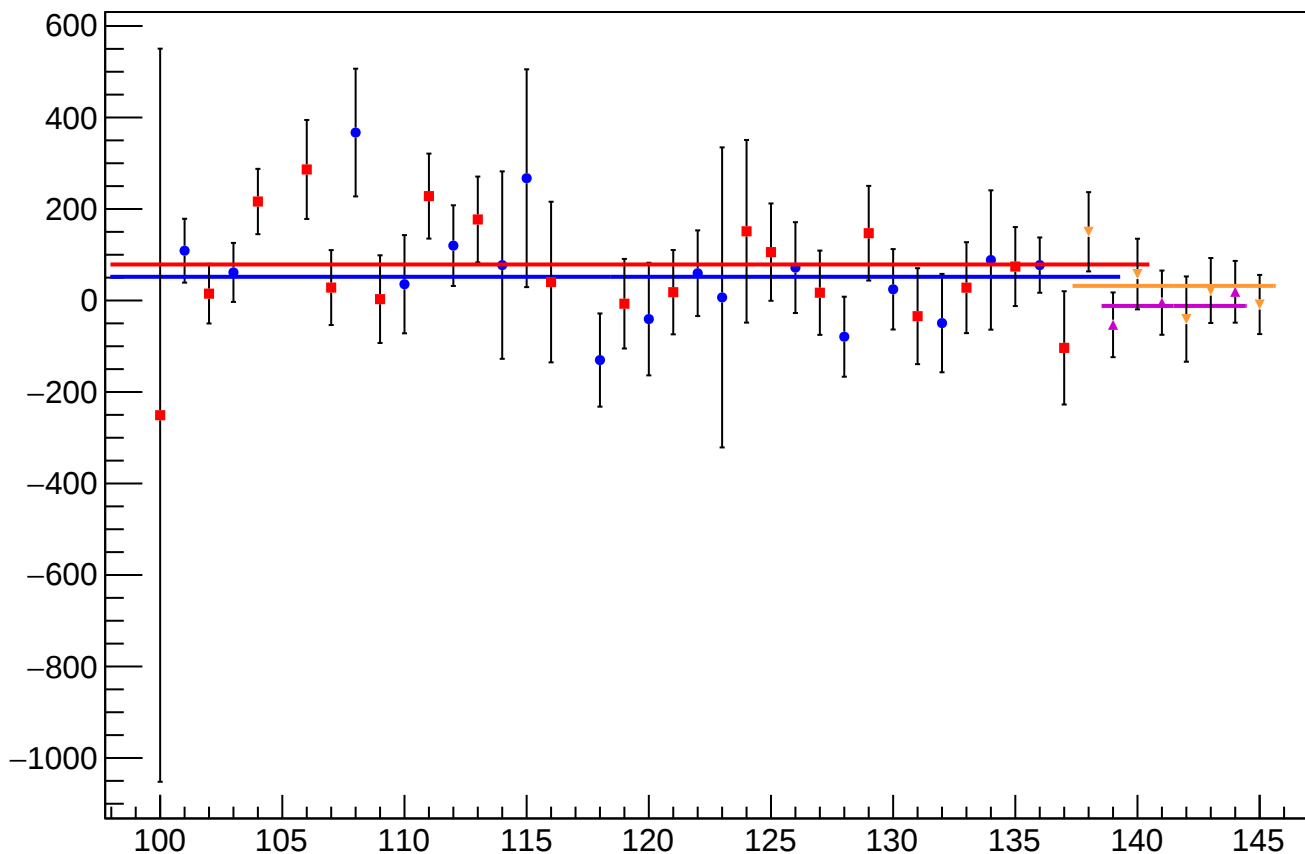
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 212.604+/-0.056 χ^2/NDF : 3685363.2/19

Out: 188.526+/-0.046 χ^2/NDF : 4509720.1/23

All: 198.399+/-0.036 χ^2/NDF : 8305352.3/43

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799+/-23.538 χ^2/NDF : 14.5/16

Left Out: 31.976+/-34.234 χ^2/NDF : 3.0/4

Right Out: 78.749+/-22.490 χ^2/NDF : 19.1/18

Left In: -11.891+/-40.089 χ^2/NDF : 0.6/2

Left: 13.477+/-26.033 χ^2/NDF : 4.3/7

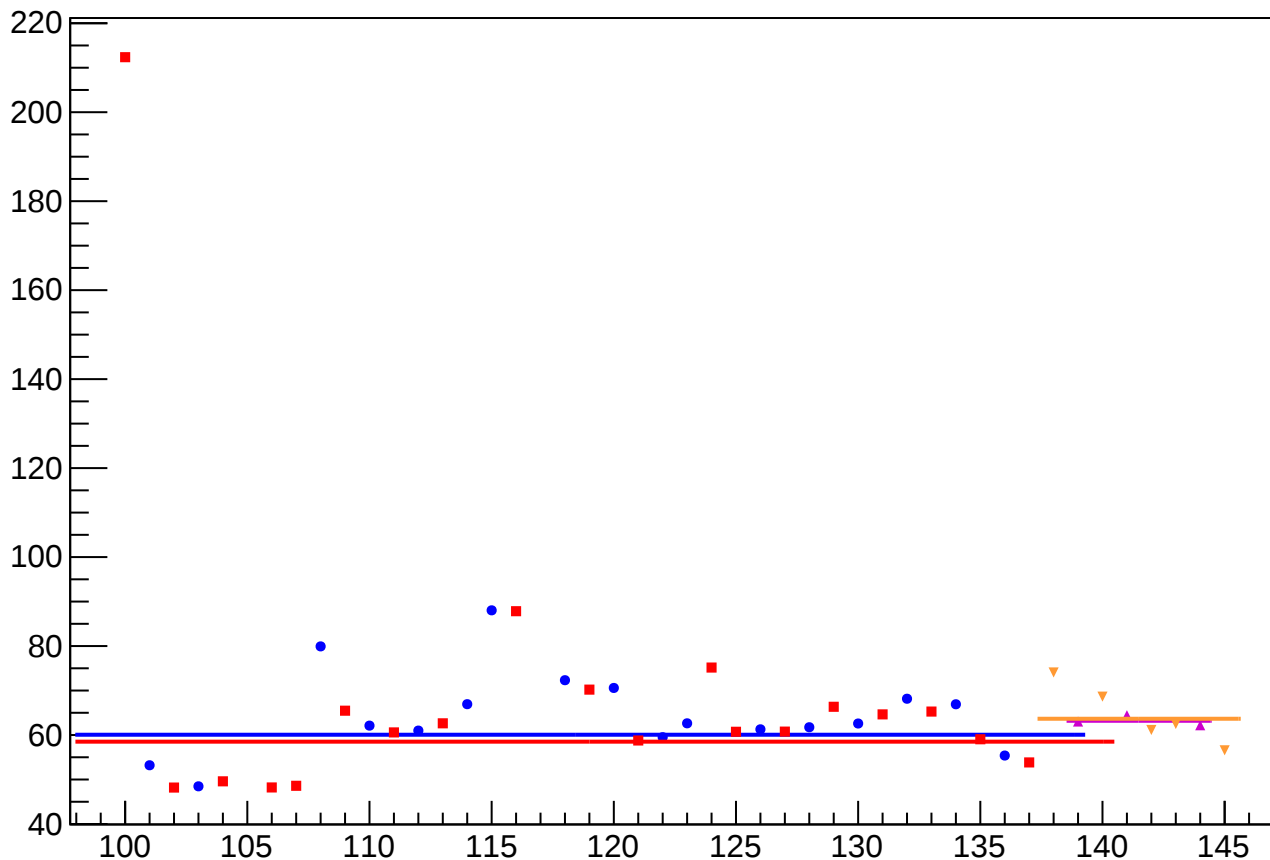
Right: 65.887+/-16.261 χ^2/NDF : 34.4/35

In: 35.472+/-20.298 χ^2/NDF : 17.0/19

Out: 64.648+/-18.797 χ^2/NDF : 23.4/23

All: 51.178+/-13.792 χ^2/NDF : 41.5/43

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 63.658 $\pm$ 0.024 χ^2 /NDF: 63235.9/4

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 63.202 $\pm$ 0.028 χ^2 /NDF: 1089.9/2

Left: 63.466 $\pm$ 0.018 χ^2 /NDF: 64475.4/7

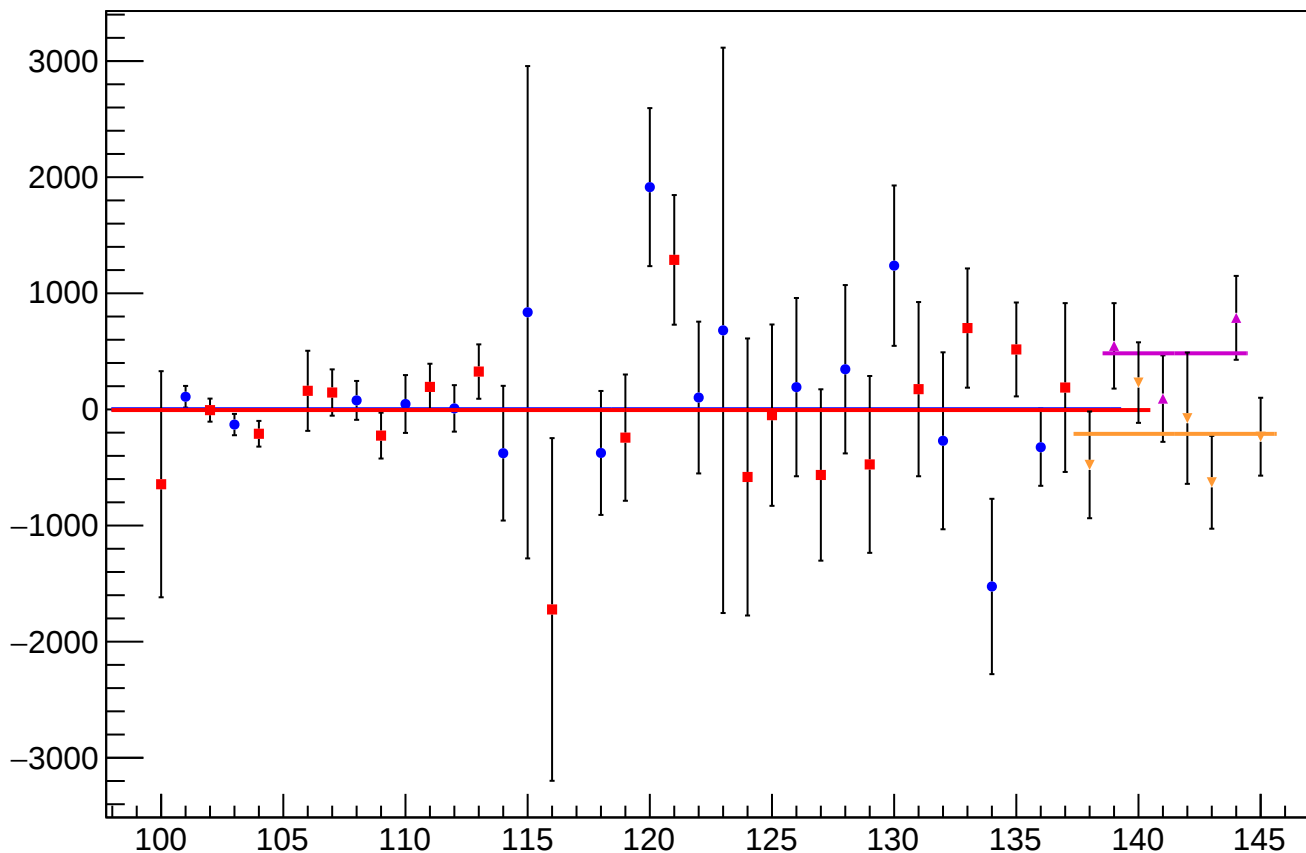
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 60.869 $\pm$ 0.014 χ^2 /NDF: 239293.4/19

Out: 60.061 $\pm$ 0.013 χ^2 /NDF: 443669.7/23

All: 60.434 $\pm$ 0.010 χ^2 /NDF: 684672.1/43

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -210.444+/-178.686 χ^2/NDF : 3.1/4

Right Out: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 483.224+/-211.916 χ^2/NDF : 1.8/2

Left: 77.801+/-136.606 χ^2/NDF : 11.2/7

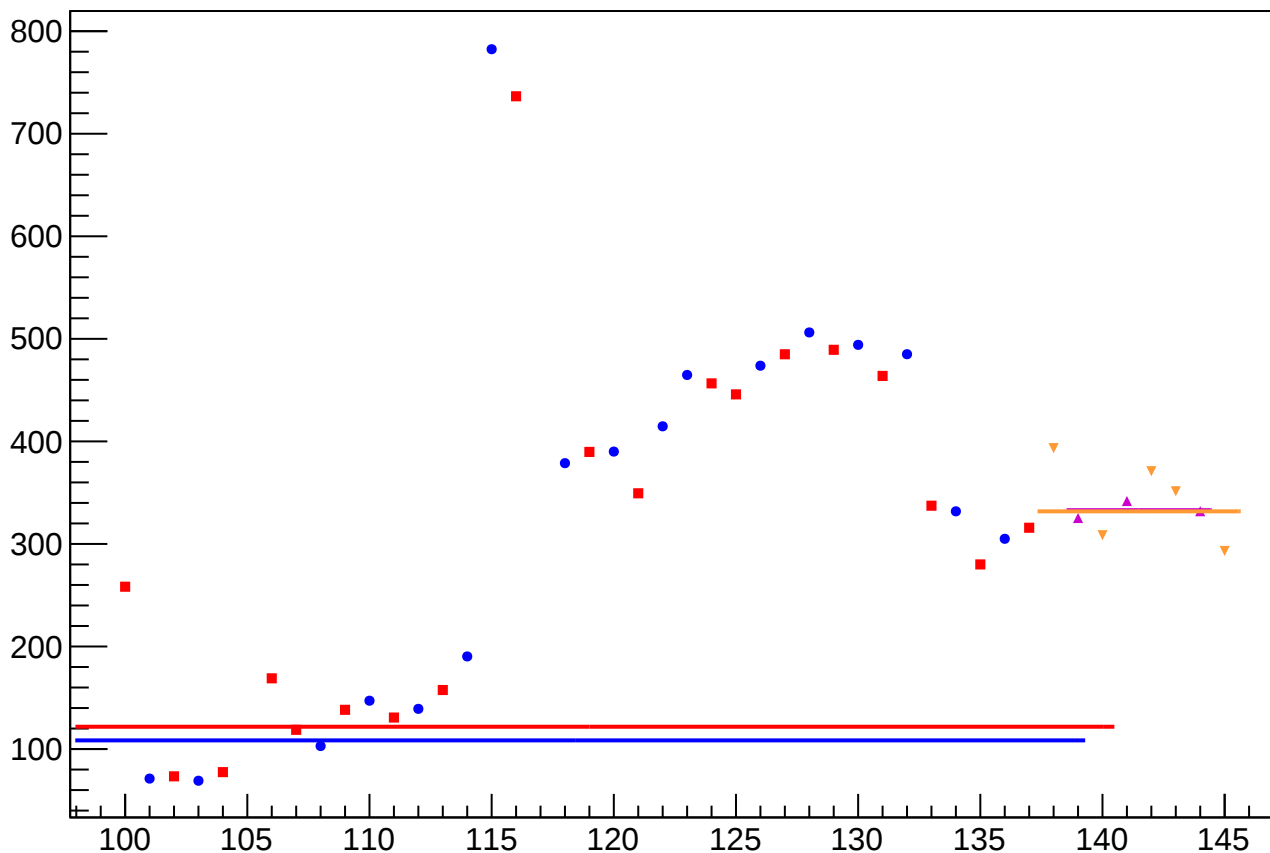
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 31.239+/-52.586 χ^2/NDF : 28.1/19

Out: -24.048+/-53.885 χ^2/NDF : 25.0/23

All: 4.269+/-37.635 χ^2/NDF : 53.6/43

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 331.790+/-0.126 χ^2/NDF : 85902.1/4

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 332.944+/-0.150 χ^2/NDF : 2028.0/2

Left: 332.269+/-0.097 χ^2/NDF : 87964.8/7

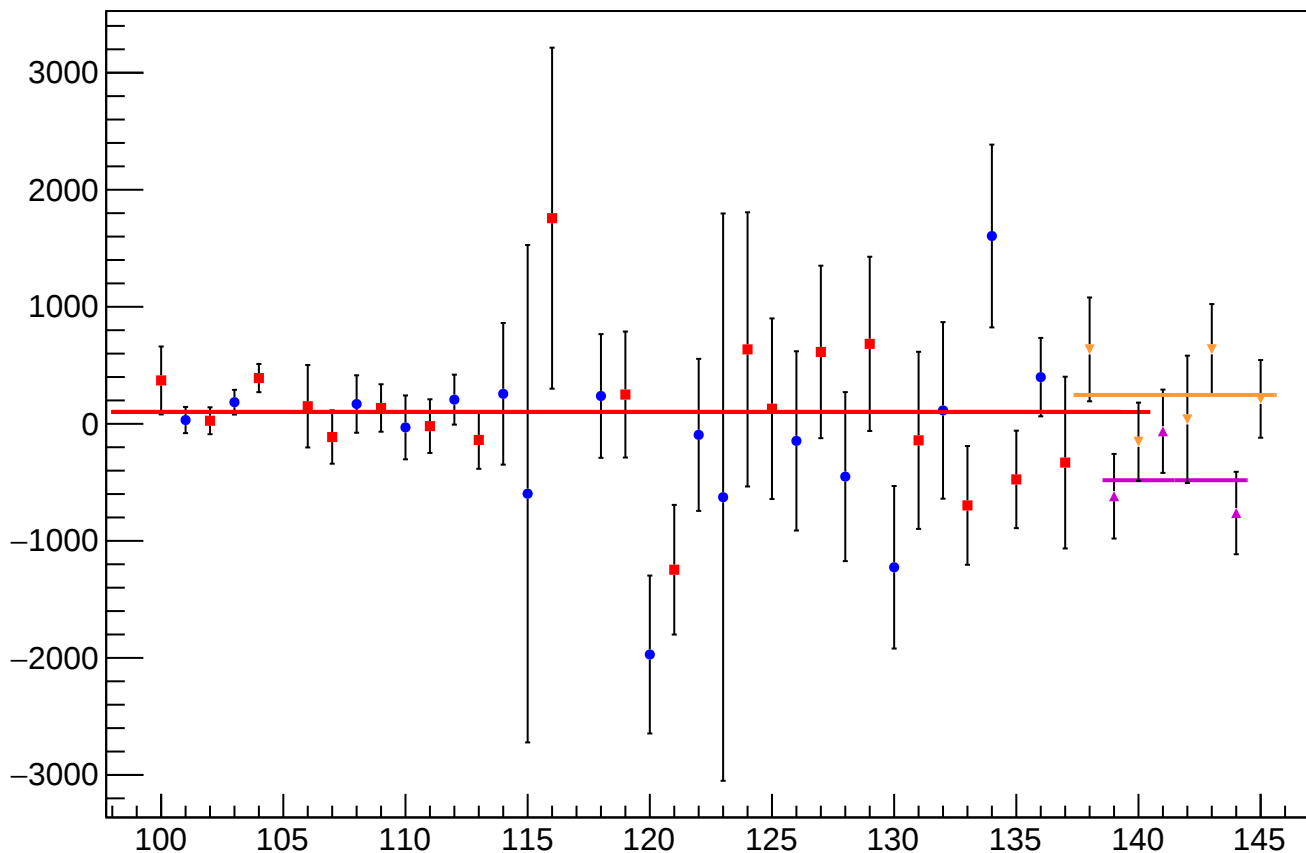
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 122.269+/-0.037 χ^2/NDF : 7512480.7/19

Out: 140.864+/-0.038 χ^2/NDF : 7368714.9/23

All: 131.340+/-0.027 χ^2/NDF : 15003192.6/43

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 246.812+/-173.595 χ^2/NDF : 3.4/4

Right Out: 101.249+/-60.846 χ^2/NDF : 22.6/18

Left In: -481.890+/-205.811 χ^2/NDF : 2.2/2

Left: -56.105+/-132.696 χ^2/NDF : 12.9/7

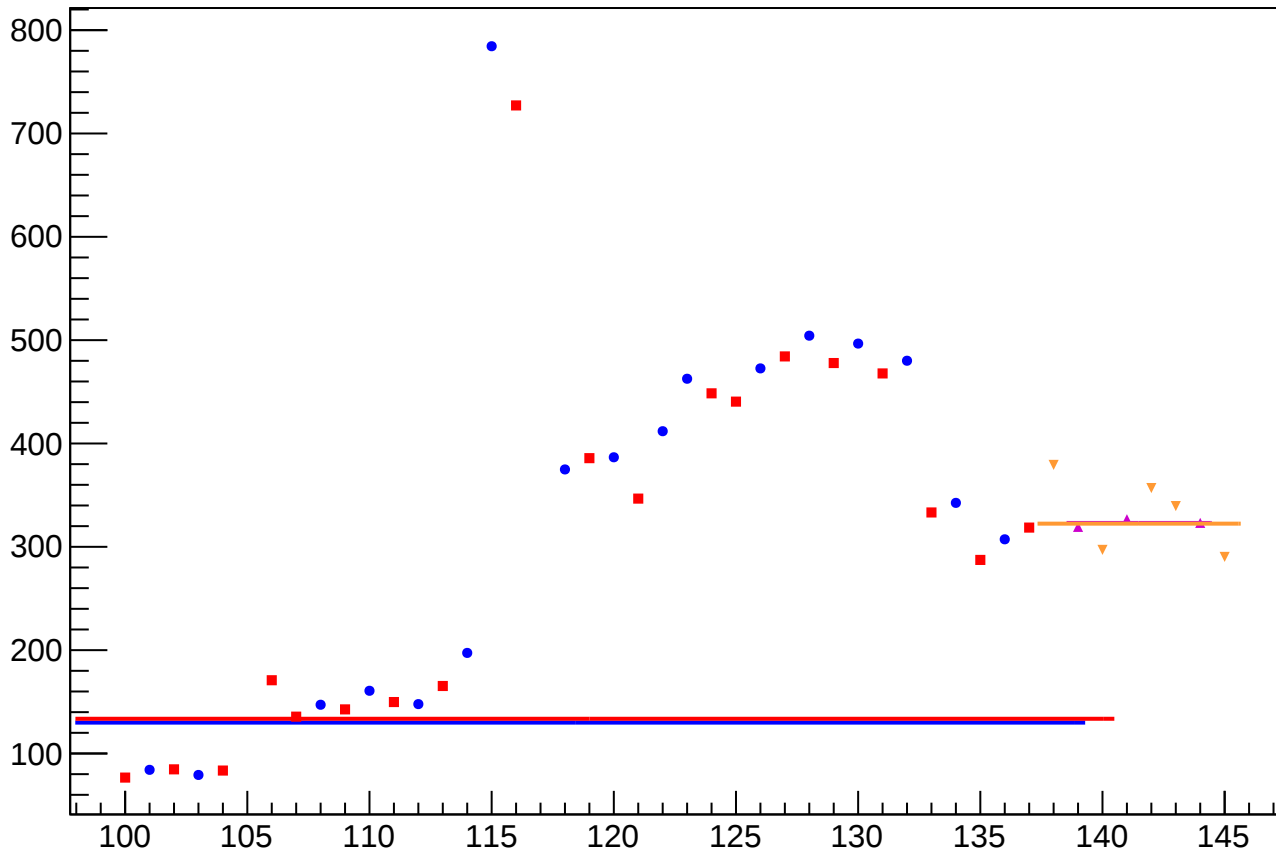
Right: 101.717+/-43.809 χ^2/NDF : 42.9/35

In: 51.993+/-60.352 χ^2/NDF : 29.8/19

Out: 117.175+/-57.421 χ^2/NDF : 26.6/23

All: 86.206+/-41.600 χ^2/NDF : 57.0/43

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 322.424+/-0.123 χ^2/NDF : 75071.3/4

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 323.105+/-0.146 χ^2/NDF : 425.1/2

Left: 322.707+/-0.094 χ^2/NDF : 75509.2/7

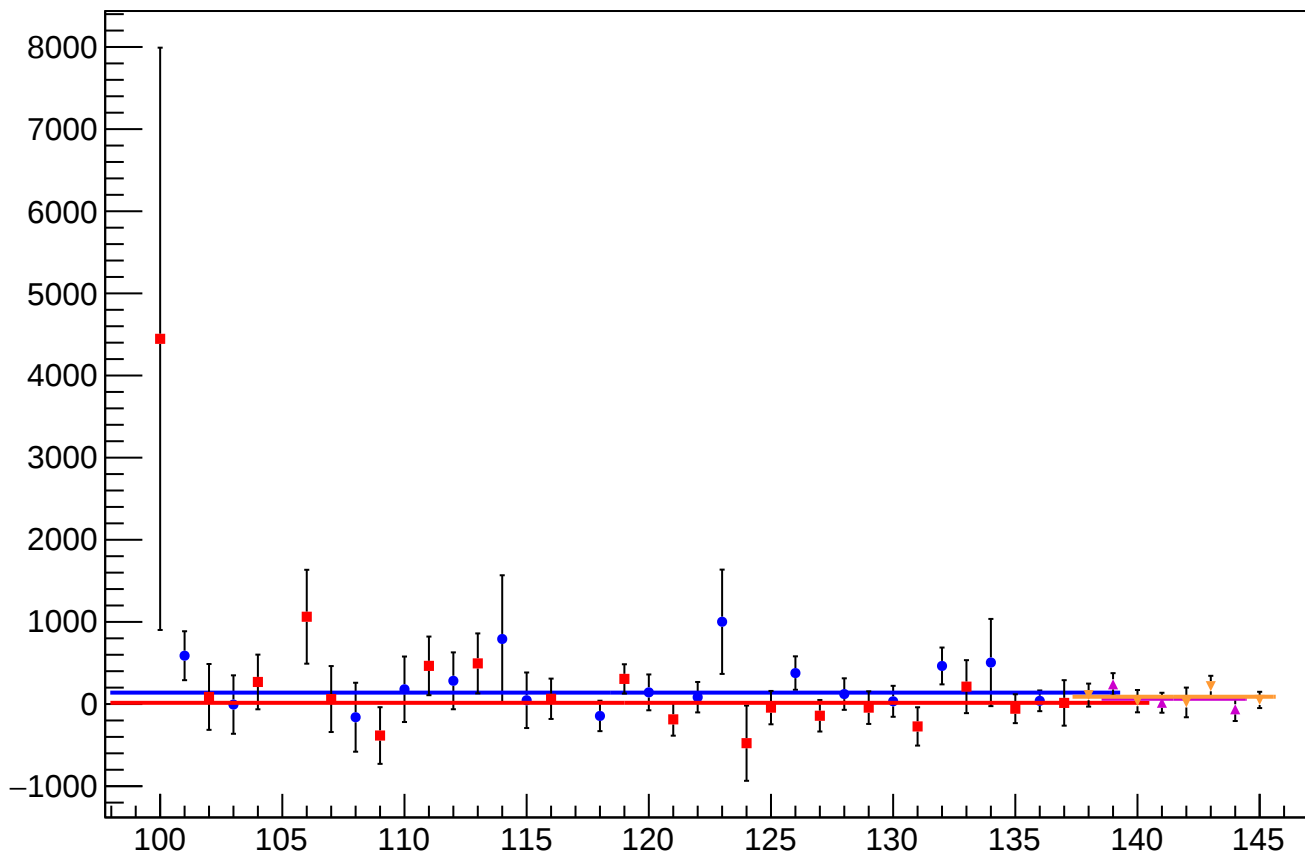
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 146.499+/-0.043 χ^2/NDF : 6441154.9/19

Out: 154.263+/-0.041 χ^2/NDF : 6545751.2/23

All: 150.574+/-0.029 χ^2/NDF : 13004281.2/43

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 88.992 $\pm$ 57.707 χ^2 /NDF:1.5/4

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 64.052 $\pm$ 76.499 χ^2 /NDF:2.6/2

Left: 79.947 $\pm$ 46.069 χ^2 /NDF: 4.2/7

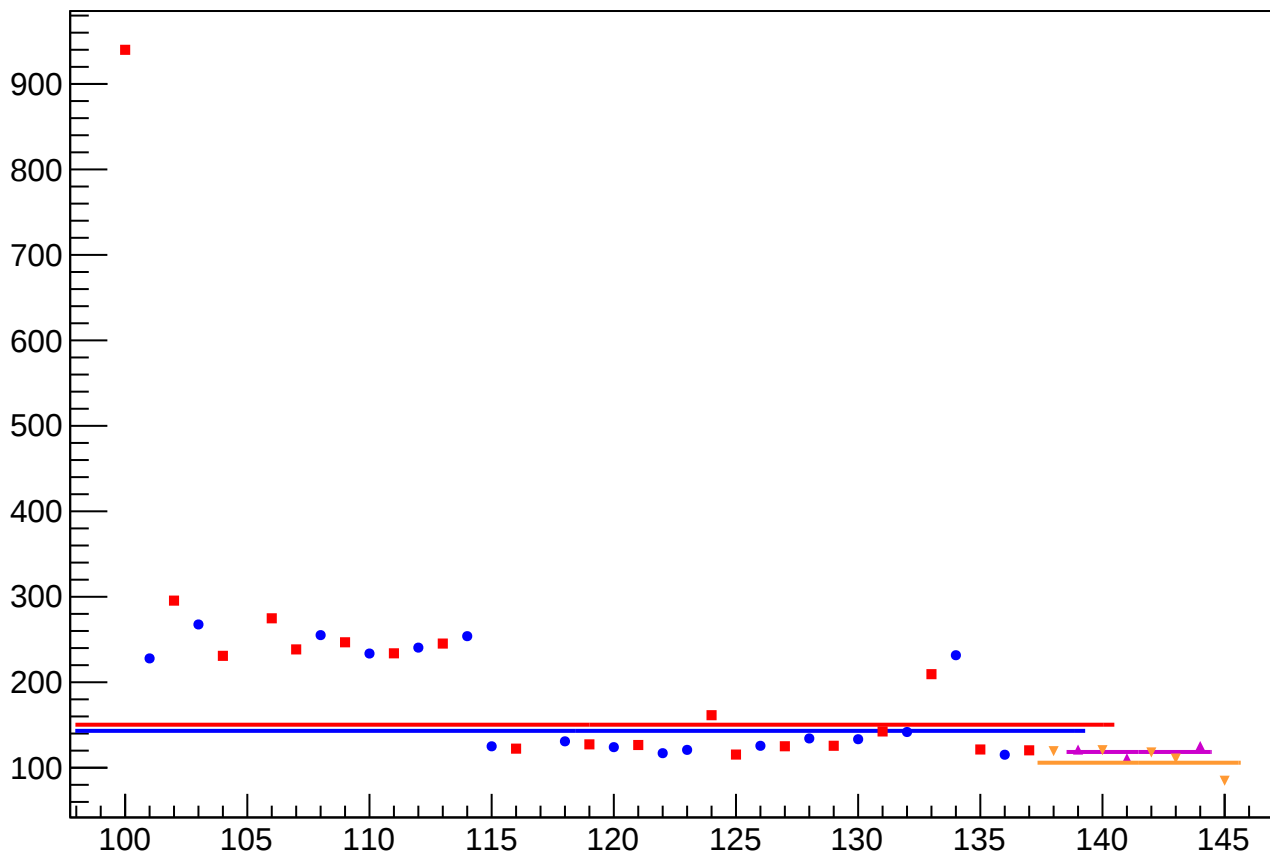
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 111.713 $\pm$ 46.209 χ^2 /NDF:16.3/19

Out: 53.468 $\pm$ 41.632 χ^2 /NDF:20.3/23

All: 79.563 $\pm$ 30.930 χ^2 /NDF: 37.5/43

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 105.866 $\pm$ 0.041 χ^2 /NDF:144433.6/4

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 118.444 $\pm$ 0.054 χ^2 /NDF:12863.5/2

Left: 110.428 $\pm$ 0.033 χ^2 /NDF: 191755.7/7

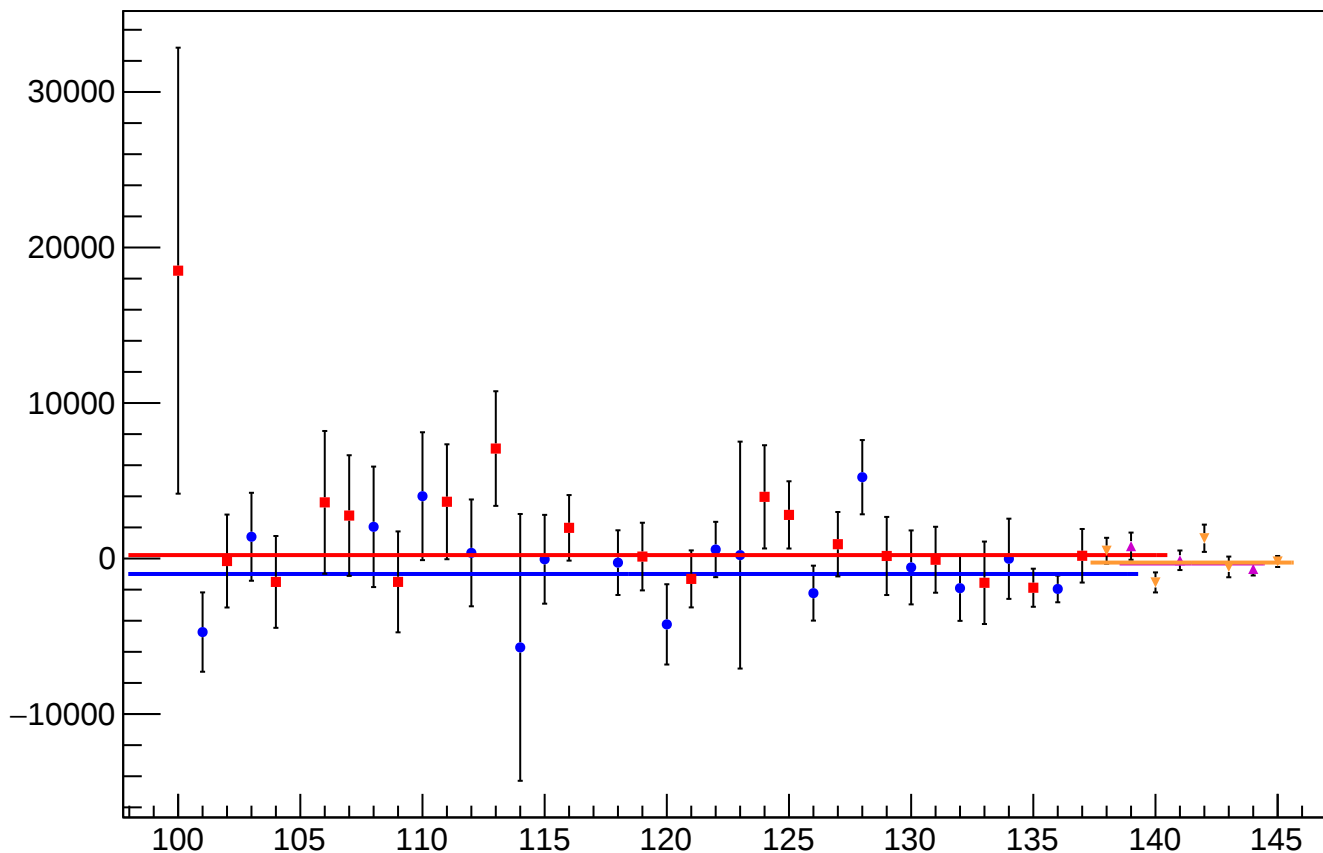
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 134.129 $\pm$ 0.033 χ^2 /NDF:1246512.5/19

Out: 127.192 $\pm$ 0.029 χ^2 /NDF:2146020.0/23

All: 130.300 $\pm$ 0.022 χ^2 /NDF: 3417414.7/43

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -260.118+/-254.621 χ^2/NDF : 8.2/4

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -318.627+/-324.576 χ^2/NDF : 2.4/2

Left: -282.408+/-200.334 χ^2/NDF : 10.6/7

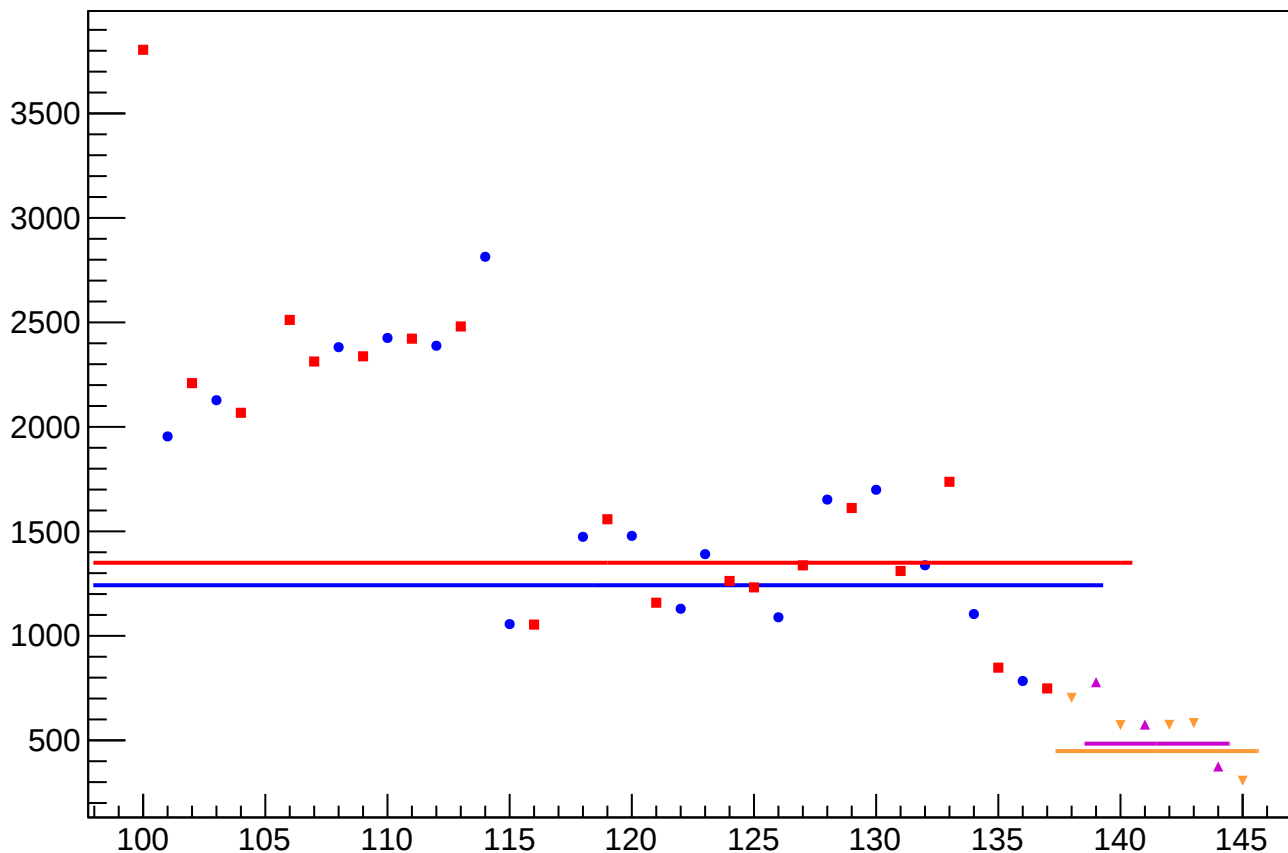
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -509.788+/-274.812 χ^2/NDF : 20.6/19

Out: -173.447+/-230.567 χ^2/NDF : 24.0/23

All: -312.395+/-176.633 χ^2/NDF : 45.5/43

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 448.508+/-0.180 χ^2/NDF : 707308.3/4

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 484.059+/-0.230 χ^2/NDF : 404238.1/2

Left: 462.051+/-0.142 χ^2/NDF : 1126400.0/7

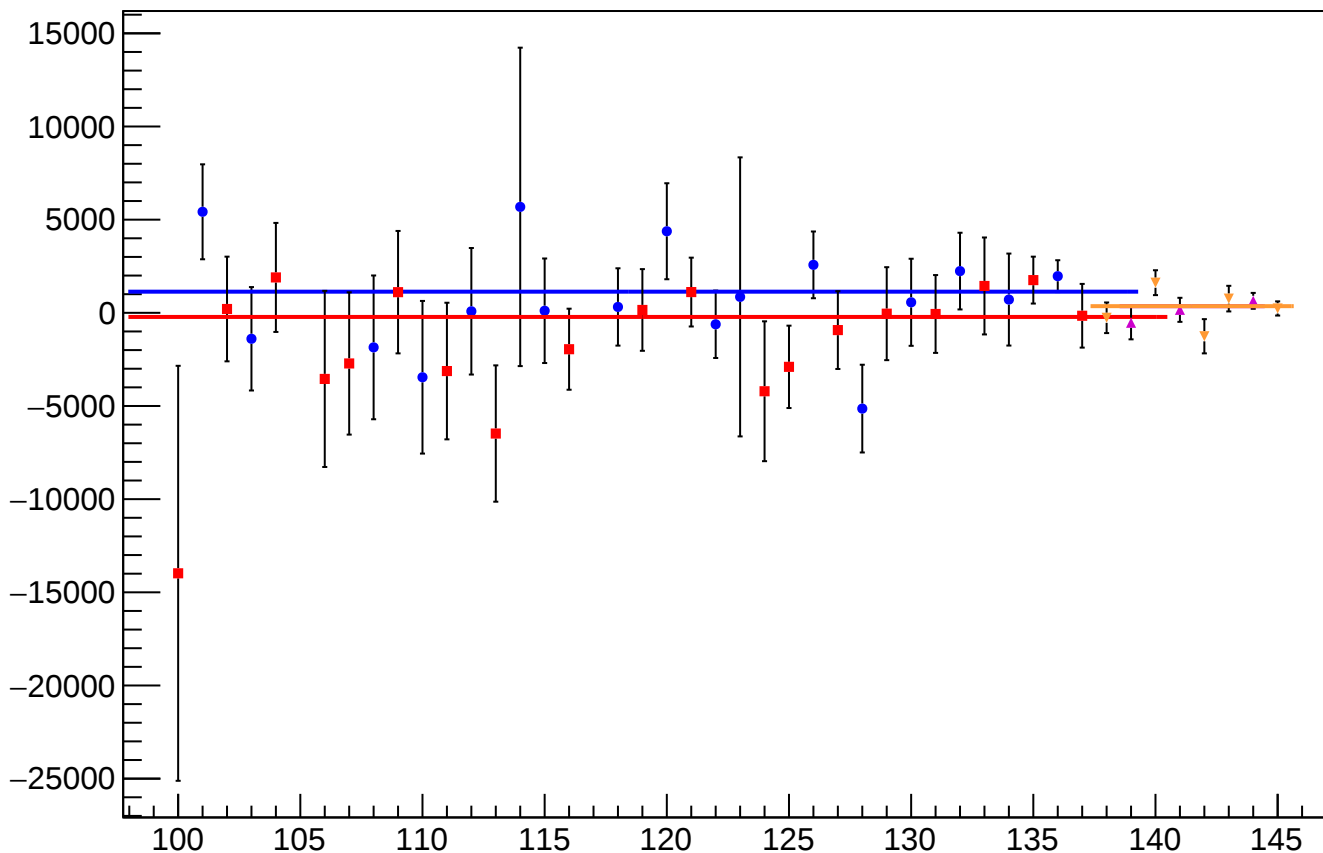
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 698.707+/-0.194 χ^2/NDF : 5260938.0/19

Out: 610.766+/-0.163 χ^2/NDF : 7086931.2/23

All: 647.096+/-0.125 χ^2/NDF : 12468066.5/43

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 357.533+/-267.984 χ^2/NDF : 7.7/4

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 355.604+/-330.029 χ^2/NDF : 1.5/2

Left: 356.766+/-208.037 χ^2/NDF : 9.2/7

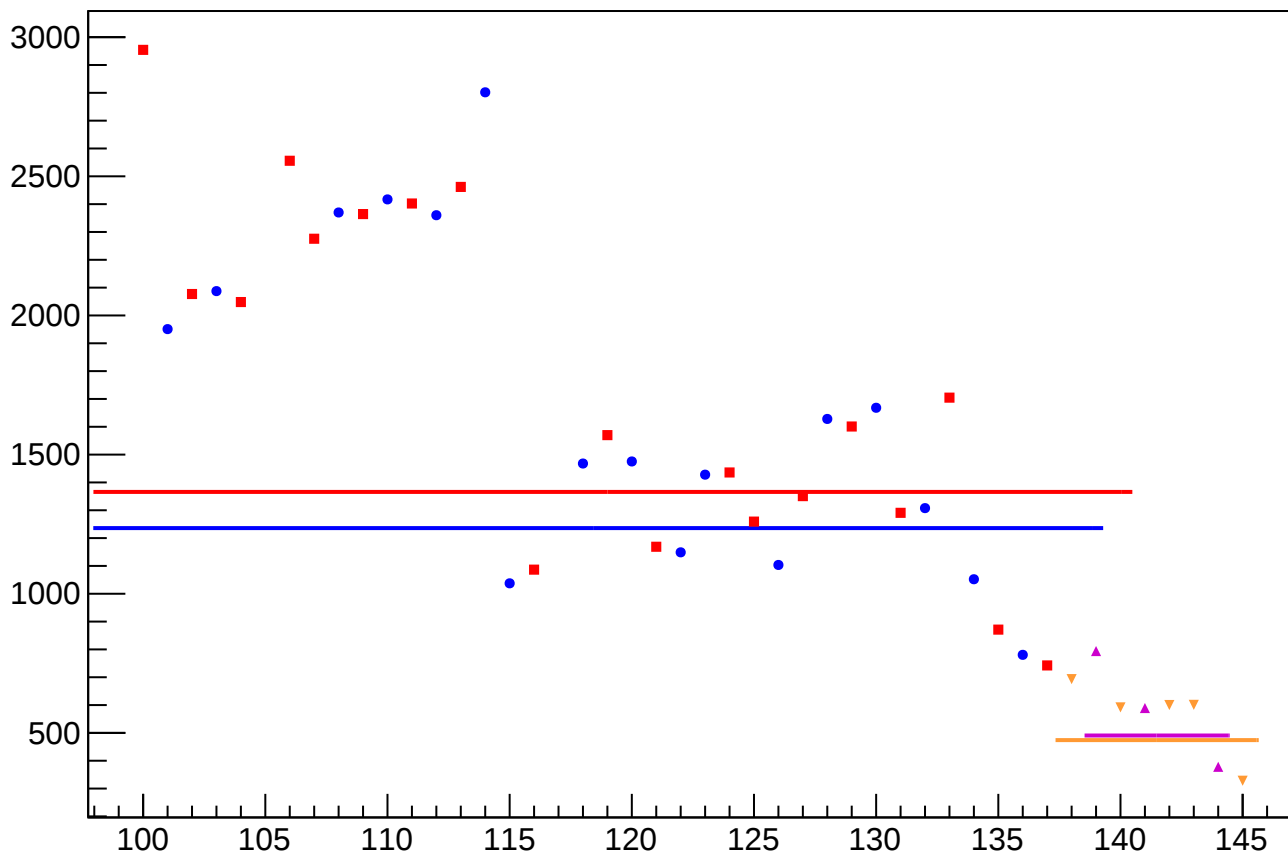
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 583.333+/-277.675 χ^2/NDF : 21.0/19

Out: 245.755+/-240.700 χ^2/NDF : 22.1/23

All: 390.587+/-181.879 χ^2/NDF : 43.9/43

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 474.084+/-0.189 χ^2/NDF : 603768.4/4

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 490.626+/-0.233 χ^2/NDF : 418571.8/2

Left: 480.657+/-0.147 χ^2/NDF : 1025368.4/7

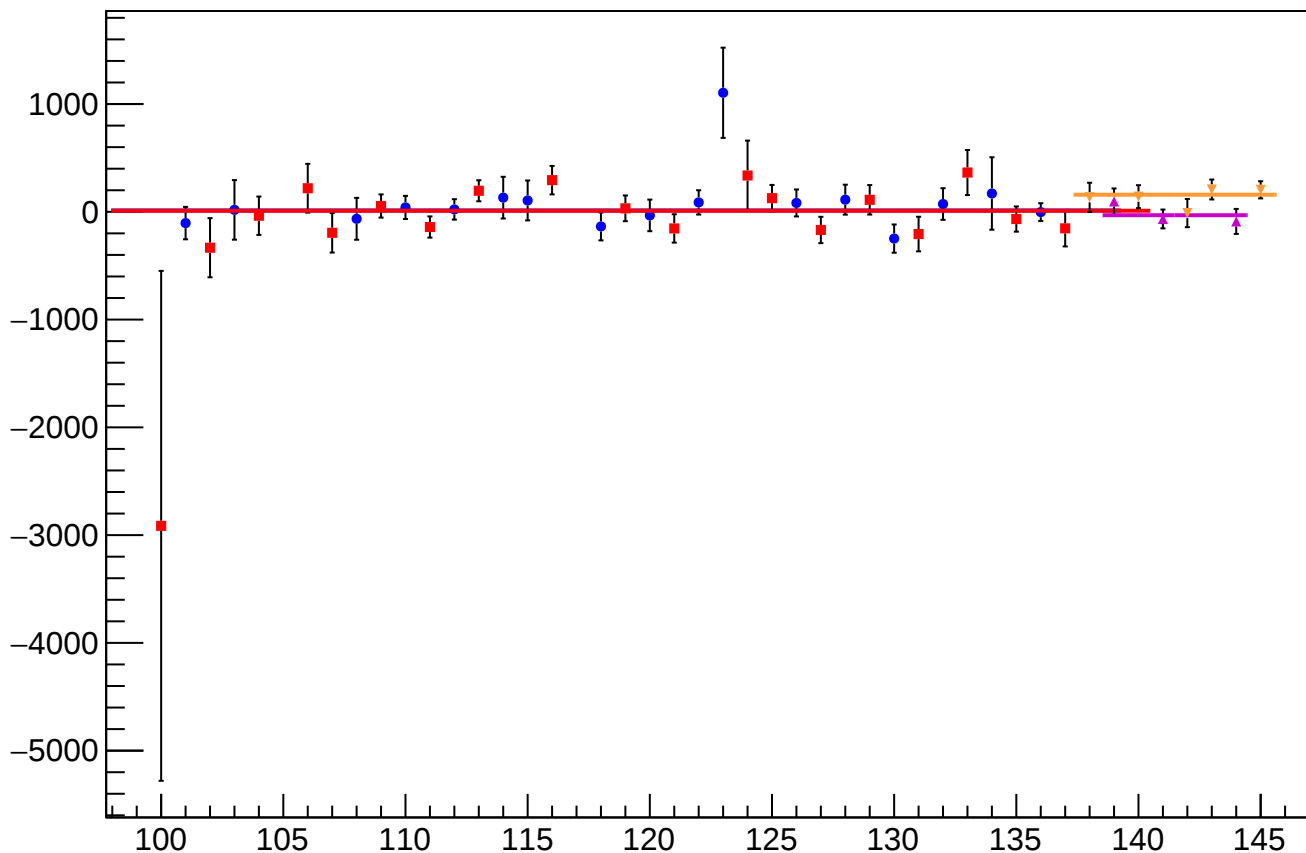
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 708.334+/-0.196 χ^2/NDF : 5143758.6/19

Out: 646.443+/-0.170 χ^2/NDF : 6634784.2/23

All: 672.996+/-0.129 χ^2/NDF : 11835274.1/43

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 158.659 $\pm$ 45.829 χ^2 /NDF: 2.4/4

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: -31.658 $\pm$ 60.408 χ^2 /NDF: 1.5/2

Left: 89.136 $\pm$ 36.511 χ^2 /NDF: 10.2/7

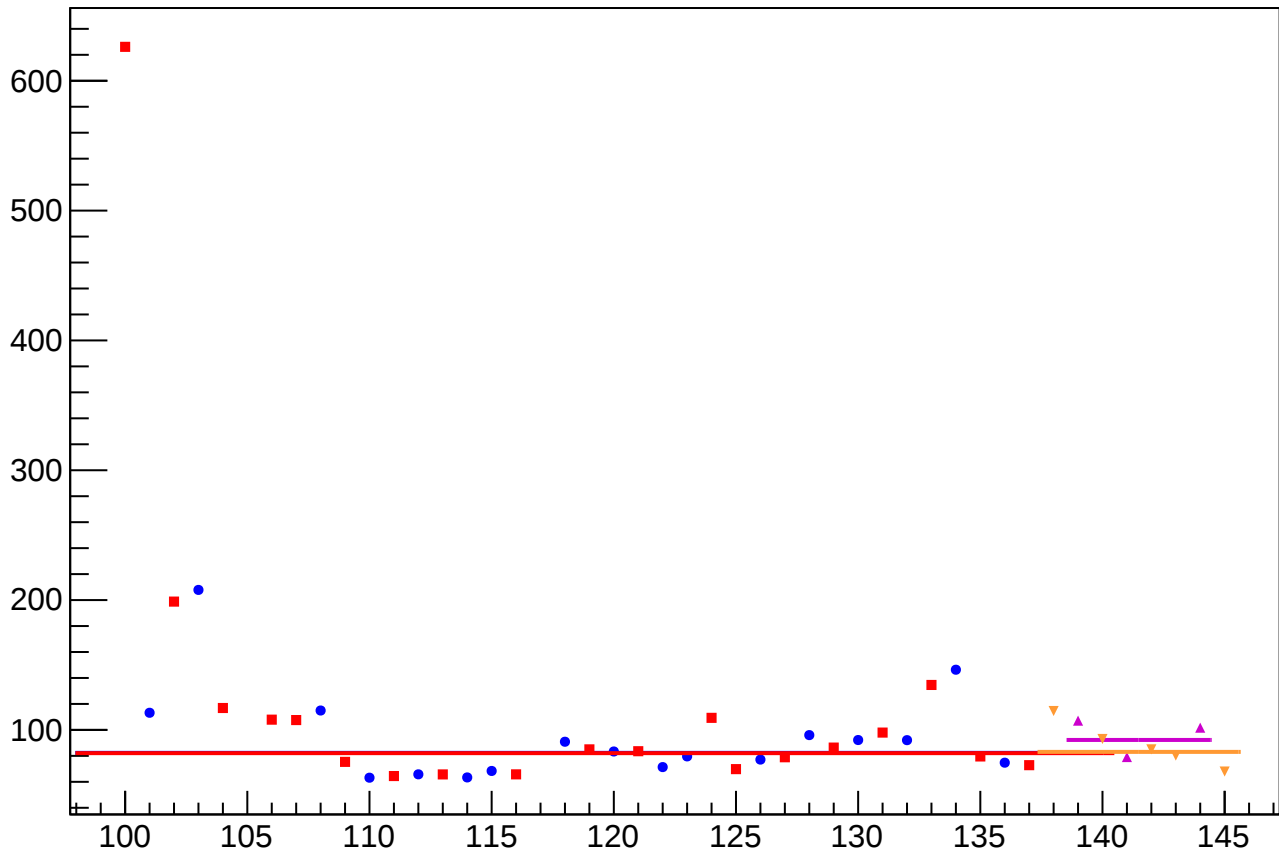
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 2.096 $\pm$ 29.114 χ^2 /NDF: 17.3/19

Out: 59.978 $\pm$ 26.566 χ^2 /NDF: 37.6/23

All: 33.680 $\pm$ 19.624 χ^2 /NDF: 57.0/43

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 83.065 $\pm$ 0.032 χ^2 /NDF: 200812.9/4

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 92.258 $\pm$ 0.043 χ^2 /NDF: 89141.4/2

Left: 86.424 $\pm$ 0.026 χ^2 /NDF: 319352.1/7

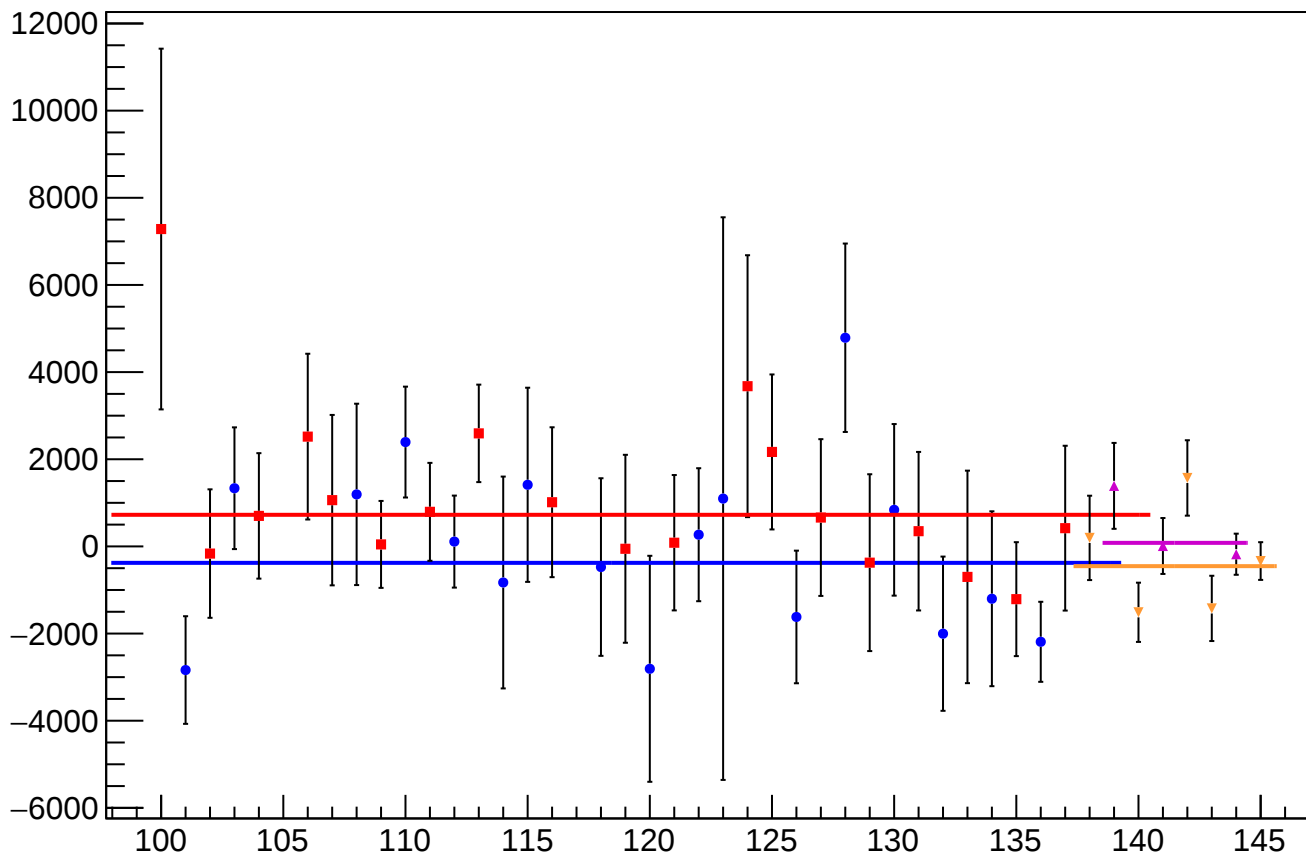
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 84.618 $\pm$ 0.021 χ^2 /NDF: 999561.9/19

Out: 82.418 $\pm$ 0.019 χ^2 /NDF: 1160422.2/23

All: 83.417 $\pm$ 0.014 χ^2 /NDF: 2166212.1/43

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 χ^2/NDF : 24.5/16

Left Out: -453.059 ± 292.465 χ^2/NDF : 10.1/4

Right Out: 725.204 ± 367.170 χ^2/NDF : 11.9/18

Left In: 81.421 ± 354.636 χ^2/NDF : 2.1/2

Left: -236.700 ± 225.634 χ^2/NDF : 13.5/7

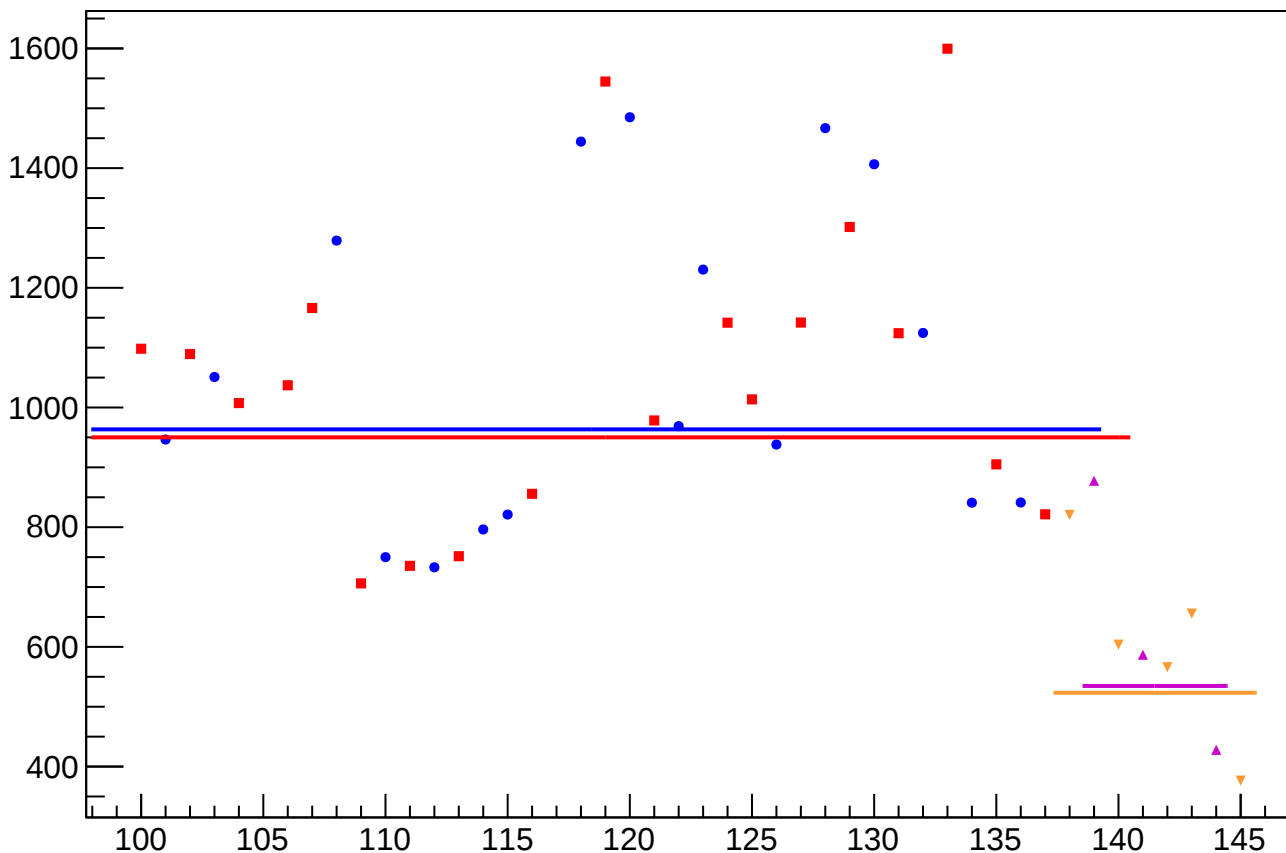
Right: 198.479 ± 265.345 χ^2/NDF : 40.7/35

In: -129.807 ± 260.497 χ^2/NDF : 27.3/19

Out: 4.321 ± 228.763 χ^2/NDF : 28.3/23

All: -54.080 ± 171.890 χ^2/NDF : 55.8/43

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 523.336 $\pm$ 0.207 χ^2 /NDF: 514139.7/4

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 534.734 $\pm$ 0.251 χ^2 /NDF: 357613.7/2

Left: 527.950 $\pm$ 0.160 χ^2 /NDF: 872983.1/7

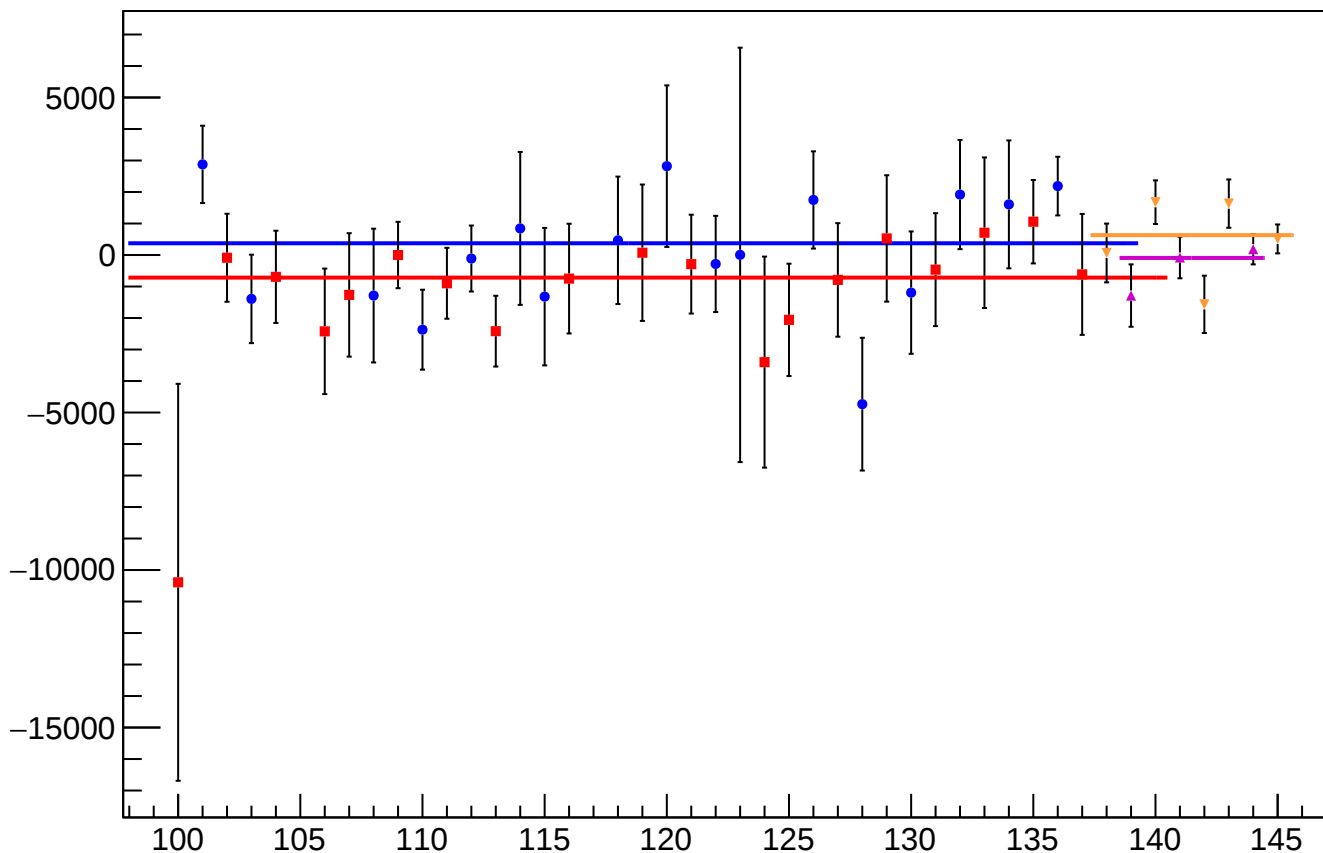
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 732.142 $\pm$ 0.184 χ^2 /NDF: 2392396.2/19

Out: 689.006 $\pm$ 0.162 χ^2 /NDF: 2899341.7/23

All: 707.788 $\pm$ 0.122 χ^2 /NDF: 5322699.3/43

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 630.797+/-303.157 χ^2/NDF : 10.2/4

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: -92.502+/-362.461 χ^2/NDF : 1.8/2

Left: 333.083+/-232.542 χ^2/NDF : 14.4/7

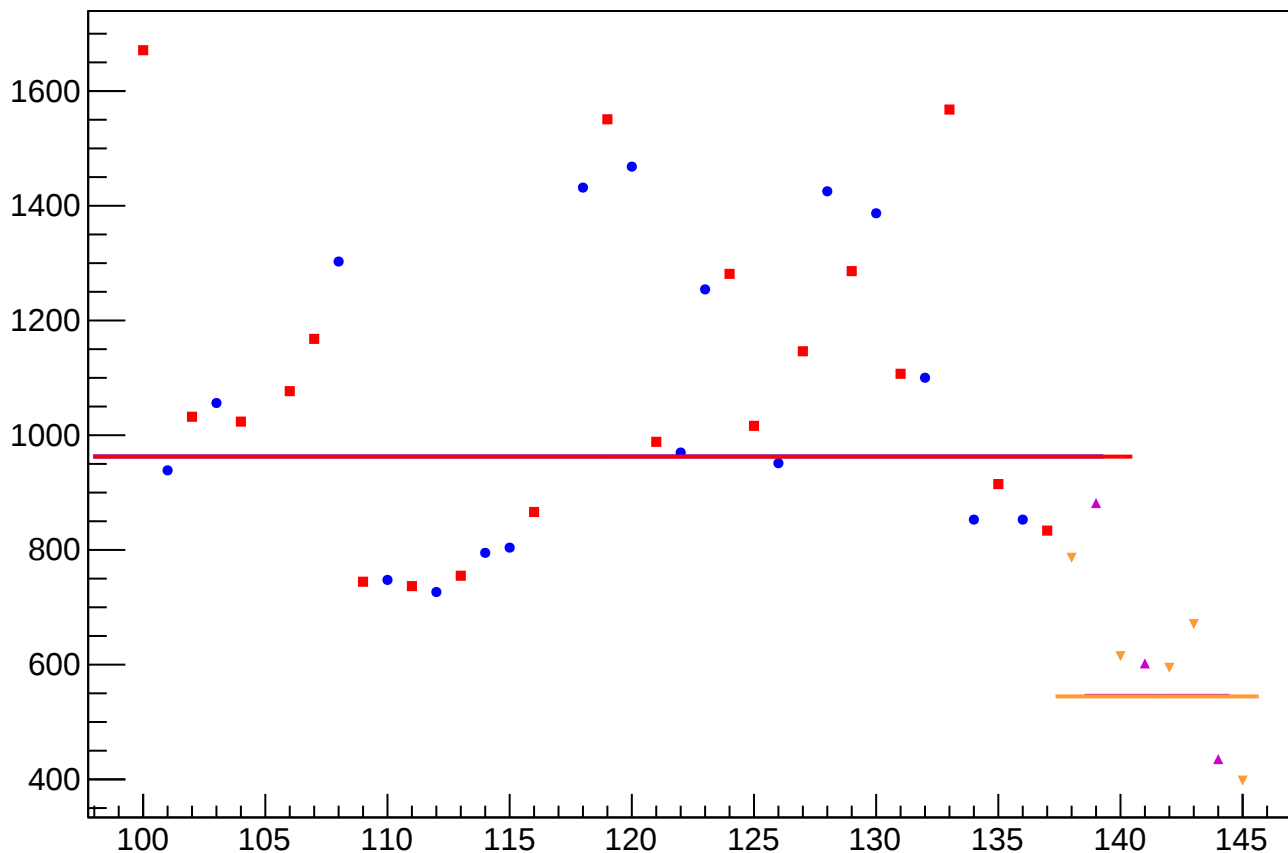
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 126.984+/-263.475 χ^2/NDF : 27.8/19

Out: 92.350+/-234.945 χ^2/NDF : 28.3/23

All: 107.691+/-175.354 χ^2/NDF : 56.1/43

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 544.650+/-0.214 χ^2/NDF : 419178.7/4

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 545.614+/-0.256 χ^2/NDF : 349481.9/2

Left: 545.046+/-0.164 χ^2/NDF : 768668.9/7

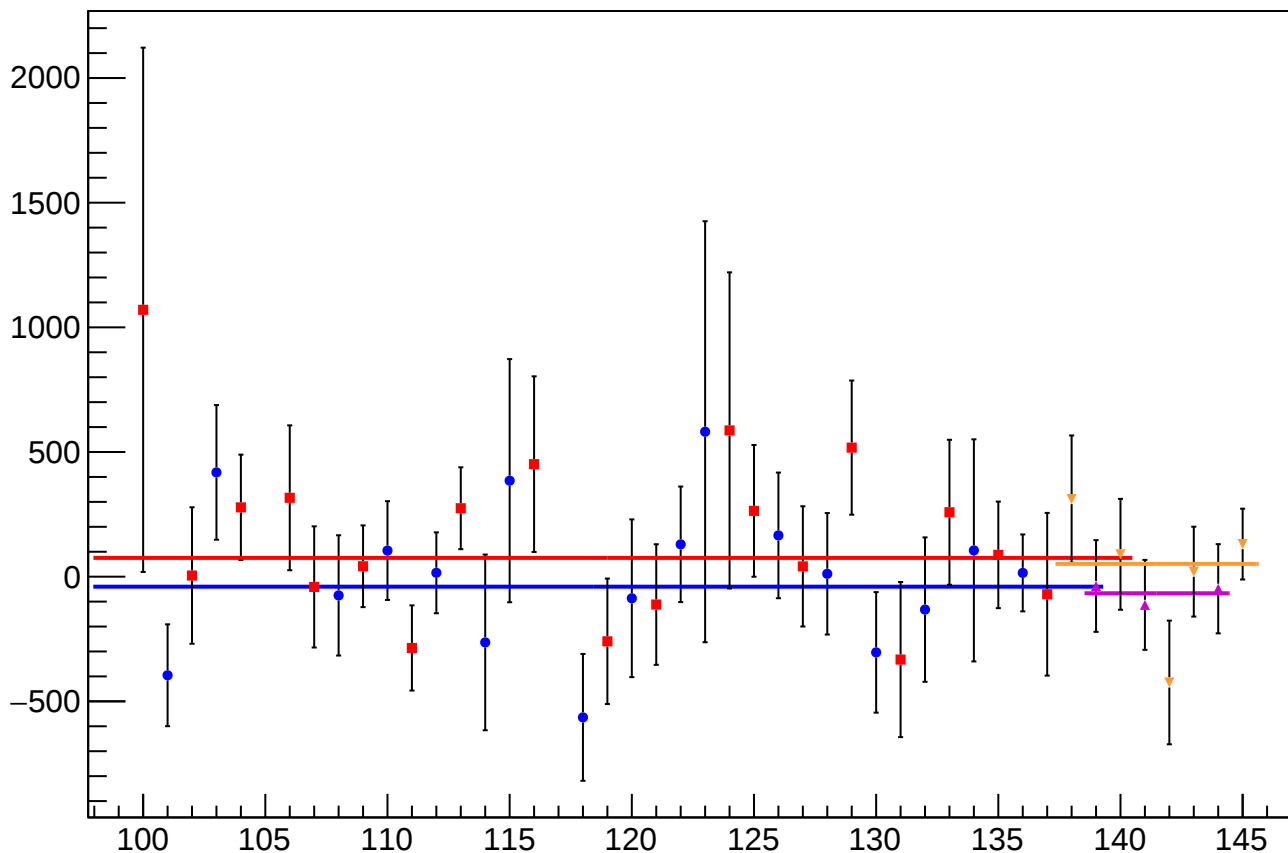
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 742.443+/-0.186 χ^2/NDF : 2267561.9/19

Out: 711.608+/-0.166 χ^2/NDF : 2634450.3/23

All: 725.266+/-0.124 χ^2/NDF : 4917271.3/43

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 51.421 ± 86.983 $\chi^2/\text{NDF}: 5.1/4$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: -66.521 ± 104.530 $\chi^2/\text{NDF}: 0.1/2$

Left: 3.166 ± 66.861 $\chi^2/\text{NDF}: 5.9/7$

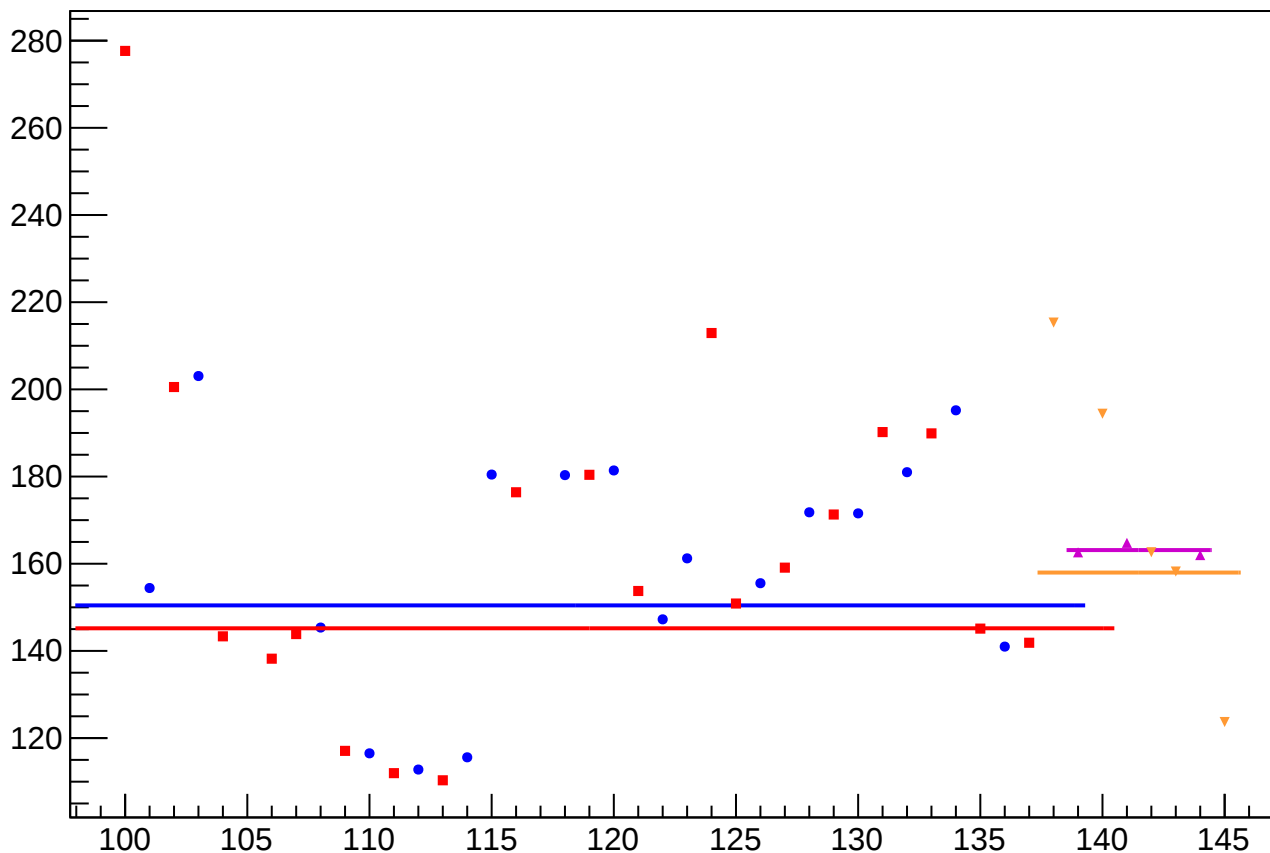
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: -46.542 ± 51.549 $\chi^2/\text{NDF}: 15.5/19$

Out: 68.375 ± 47.224 $\chi^2/\text{NDF}: 23.6/23$

All: 15.939 ± 34.821 $\chi^2/\text{NDF}: 41.8/43$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 157.976 $\pm$ 0.062 χ^2 /NDF: 271981.7/4

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 163.132 $\pm$ 0.074 χ^2 /NDF: 267.3/2

Left: 160.086 $\pm$ 0.047 χ^2 /NDF: 275124.0/7

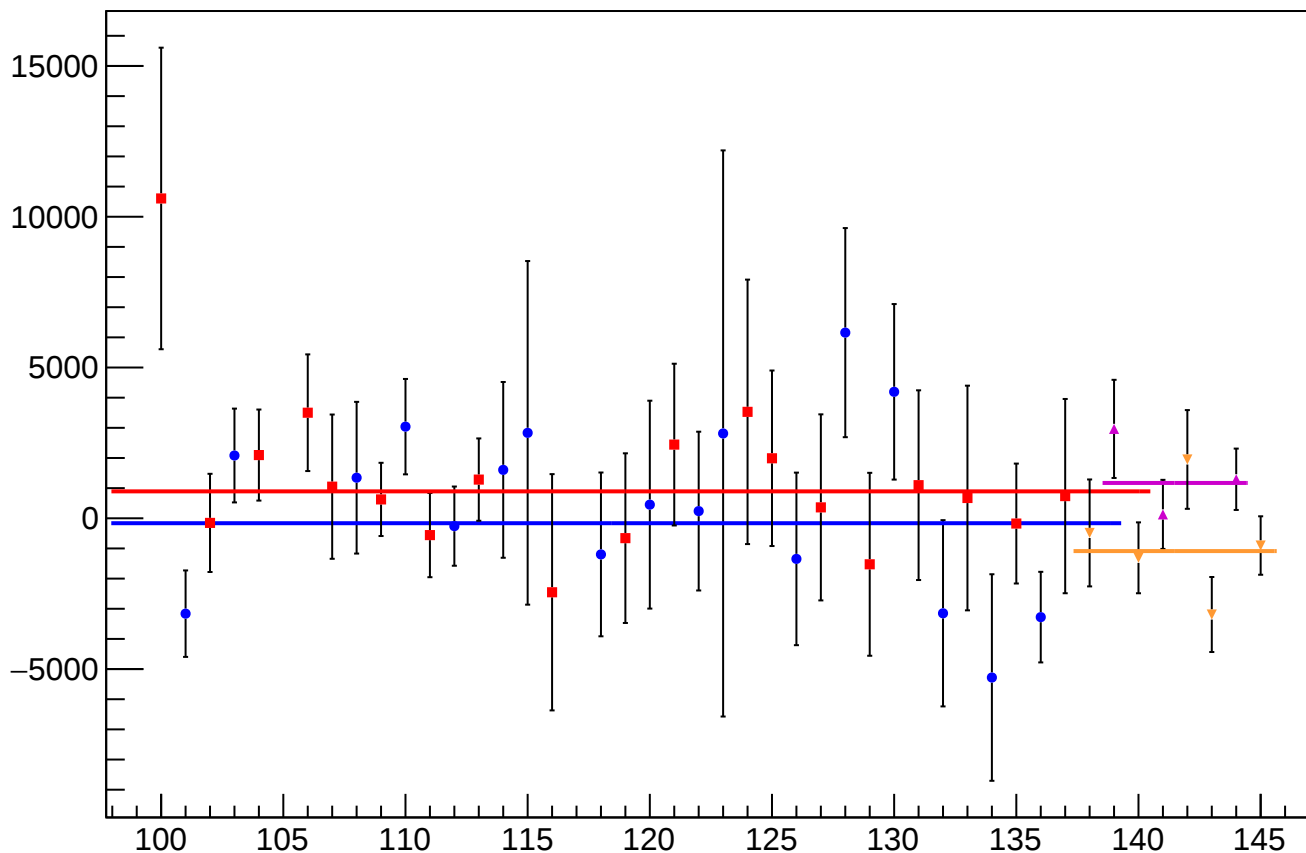
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 153.528 $\pm$ 0.036 χ^2 /NDF: 422698.0/19

Out: 148.957 $\pm$ 0.033 χ^2 /NDF: 838170.6/23

All: 151.043 $\pm$ 0.025 χ^2 /NDF: 1269420.0/43

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1087.232 $\pm$ 565.626 χ^2 /NDF:6.5/4

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 1172.148 $\pm$ 689.121 χ^2 /NDF:2.1/2

Left: -177.783 $\pm$ 437.210 χ^2 /NDF: 15.0/7

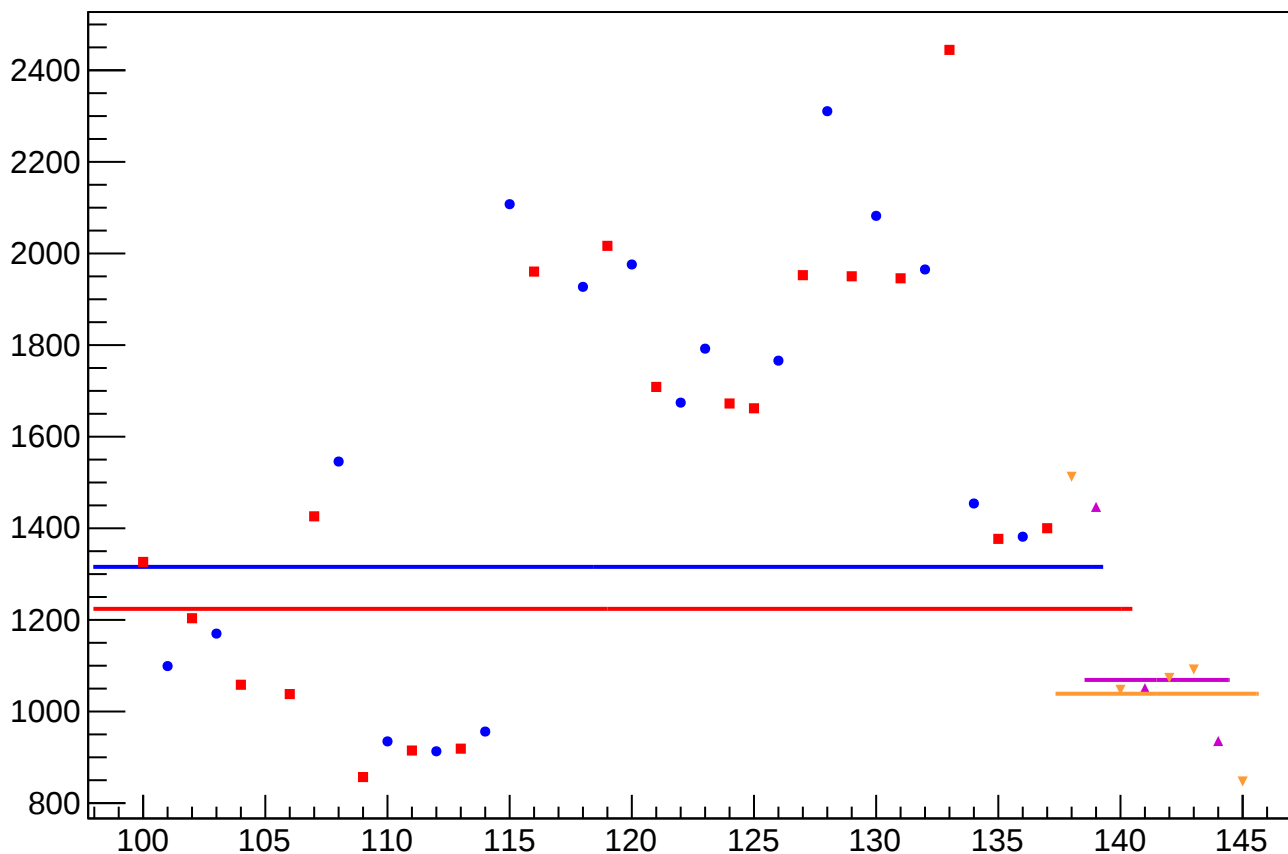
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 337.066 $\pm$ 421.689 χ^2 /NDF:29.5/19

Out: 55.391 $\pm$ 367.885 χ^2 /NDF:24.3/23

All: 177.123 $\pm$ 277.218 χ^2 /NDF: 54.0/43

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1038.810 $\pm$ 0.400 χ^2 /NDF: 225509.2/4

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1068.944 $\pm$ 0.487 χ^2 /NDF: 142668.8/2

Left: 1050.940 $\pm$ 0.309 χ^2 /NDF: 370463.0/7

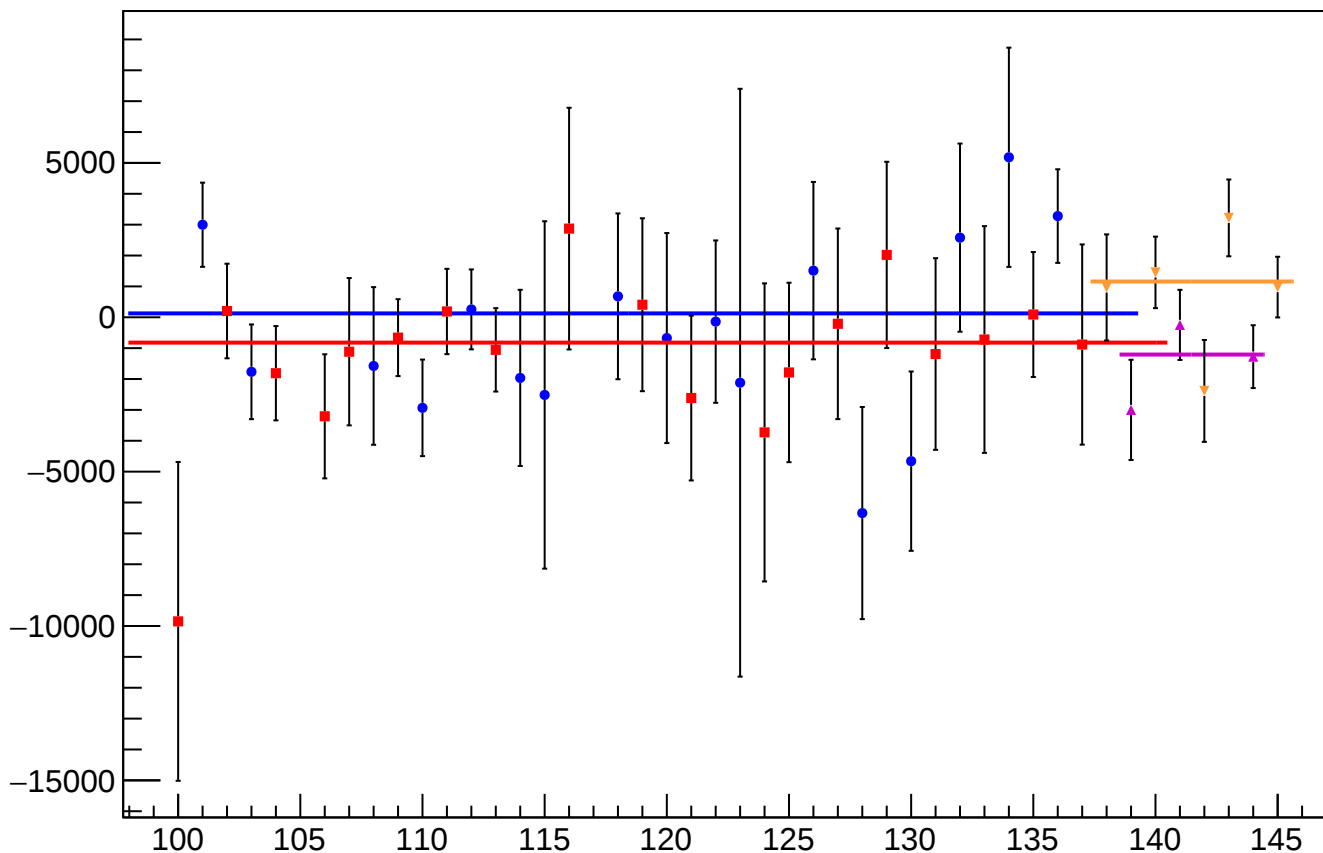
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1223.355 $\pm$ 0.298 χ^2 /NDF: 1421536.2/19

Out: 1145.746 $\pm$ 0.260 χ^2 /NDF: 1713309.6/23

All: 1179.286 $\pm$ 0.196 χ^2 /NDF: 3173313.1/43

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1158.029 $\pm$ 564.894 χ^2 /NDF: 7.5/4

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -1207.609 $\pm$ 686.782 χ^2 /NDF: 1.9/2

Left: 203.413 $\pm$ 436.274 χ^2 /NDF: 16.5/7

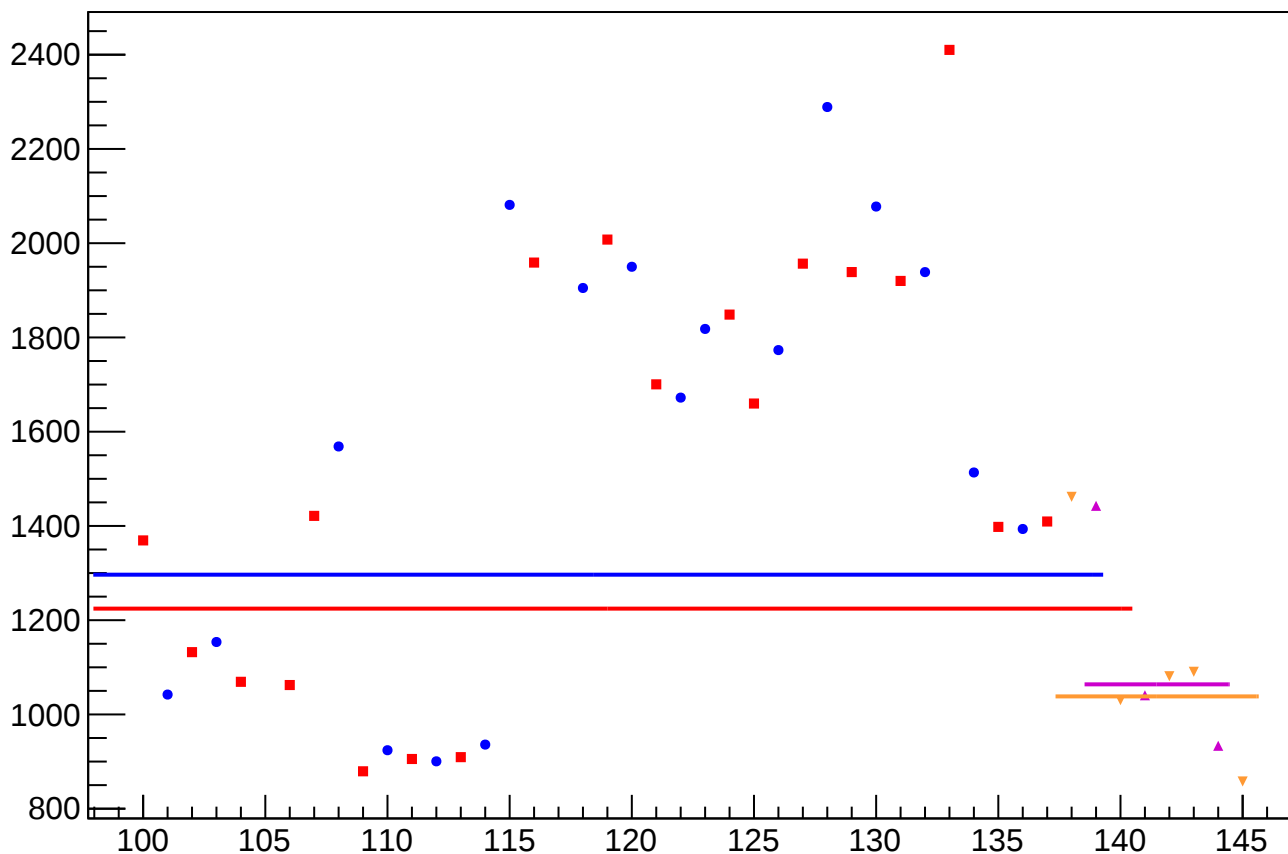
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -368.396 $\pm$ 417.994 χ^2 /NDF: 29.0/19

Out: 18.557 $\pm$ 367.831 χ^2 /NDF: 23.6/23

All: -150.319 $\pm$ 276.137 χ^2 /NDF: 53.1/43

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1038.279 $\pm$ 0.399 χ^2/NDF : 193844.6/4

Right Out: 1224.561 $\pm$ 0.343 χ^2/NDF : 1348274.4/18

Left In: 1063.858 $\pm$ 0.486 χ^2/NDF : 142527.9/2

Left: 1048.601 $\pm$ 0.308 χ^2/NDF : 338027.3/7

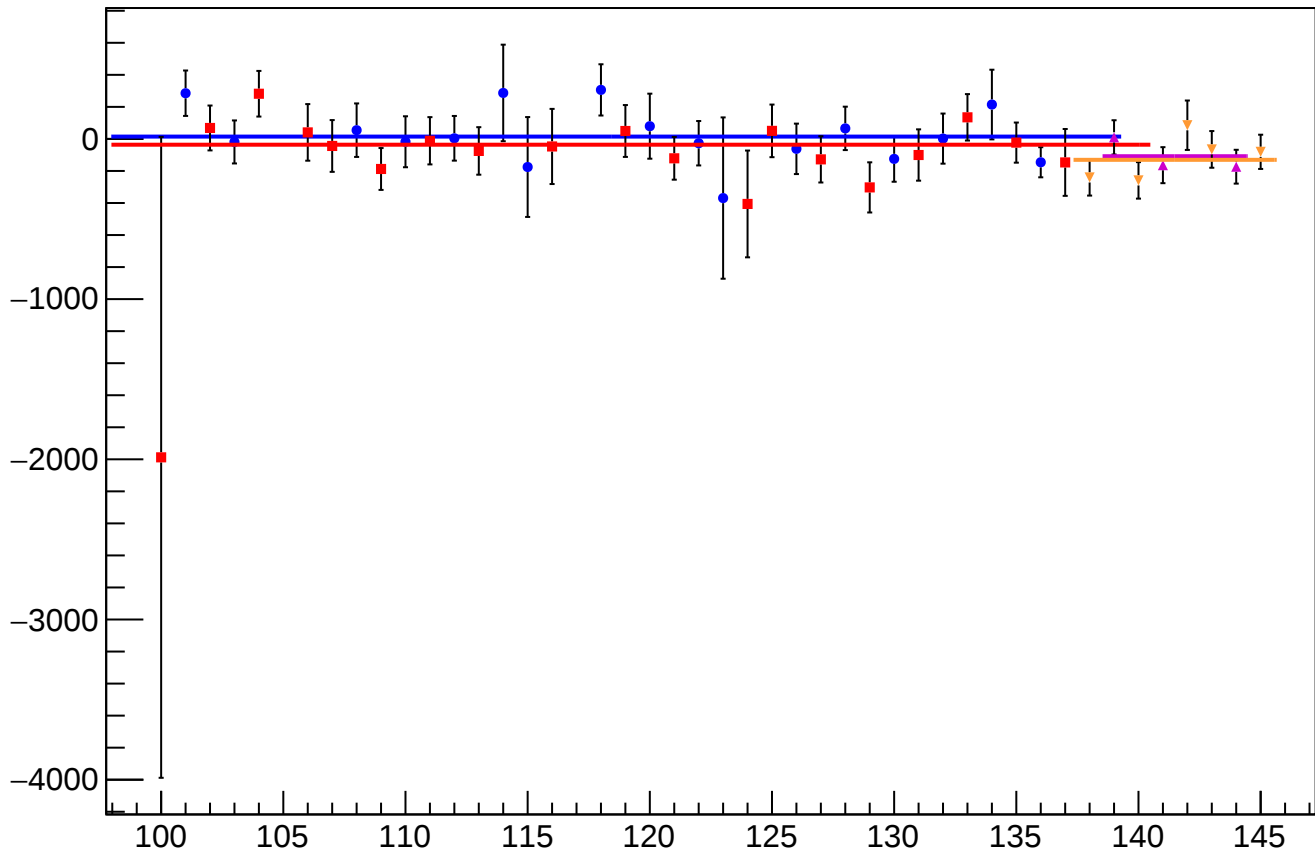
Right: 1257.572 $\pm$ 0.252 χ^2/NDF : 2543980.3/35

In: 1210.369 $\pm$ 0.296 χ^2/NDF : 1462566.8/19

Out: 1145.578 $\pm$ 0.260 χ^2/NDF : 1667393.4/23

All: 1173.854 $\pm$ 0.195 χ^2/NDF : 3157042.1/43

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -130.530 ± 52.651 $\chi^2/\text{NDF}: 4.7/4$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -107.965 ± 62.445 $\chi^2/\text{NDF}: 1.8/2$

Left: -121.154 ± 40.253 $\chi^2/\text{NDF}: 6.6/7$

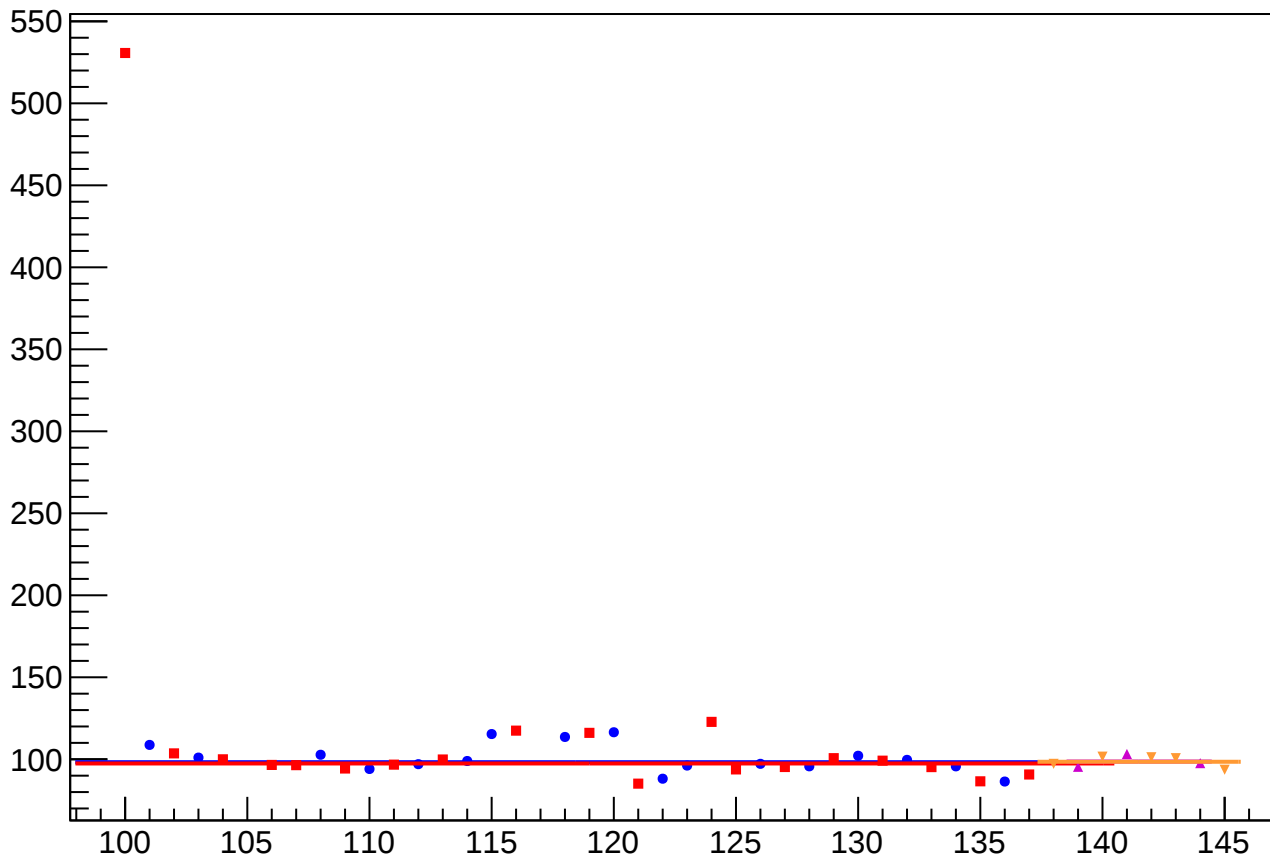
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -18.560 ± 32.472 $\chi^2/\text{NDF}: 18.8/19$

Out: -67.024 ± 30.120 $\chi^2/\text{NDF}: 22.3/23$

All: -44.611 ± 22.083 $\chi^2/\text{NDF}: 42.4/43$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 98.480+/-0.037 χ^2/NDF : 7259.5/4

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 98.610+/-0.044 χ^2/NDF : 5375.2/2

Left: 98.534+/-0.028 χ^2/NDF : 12639.8/7

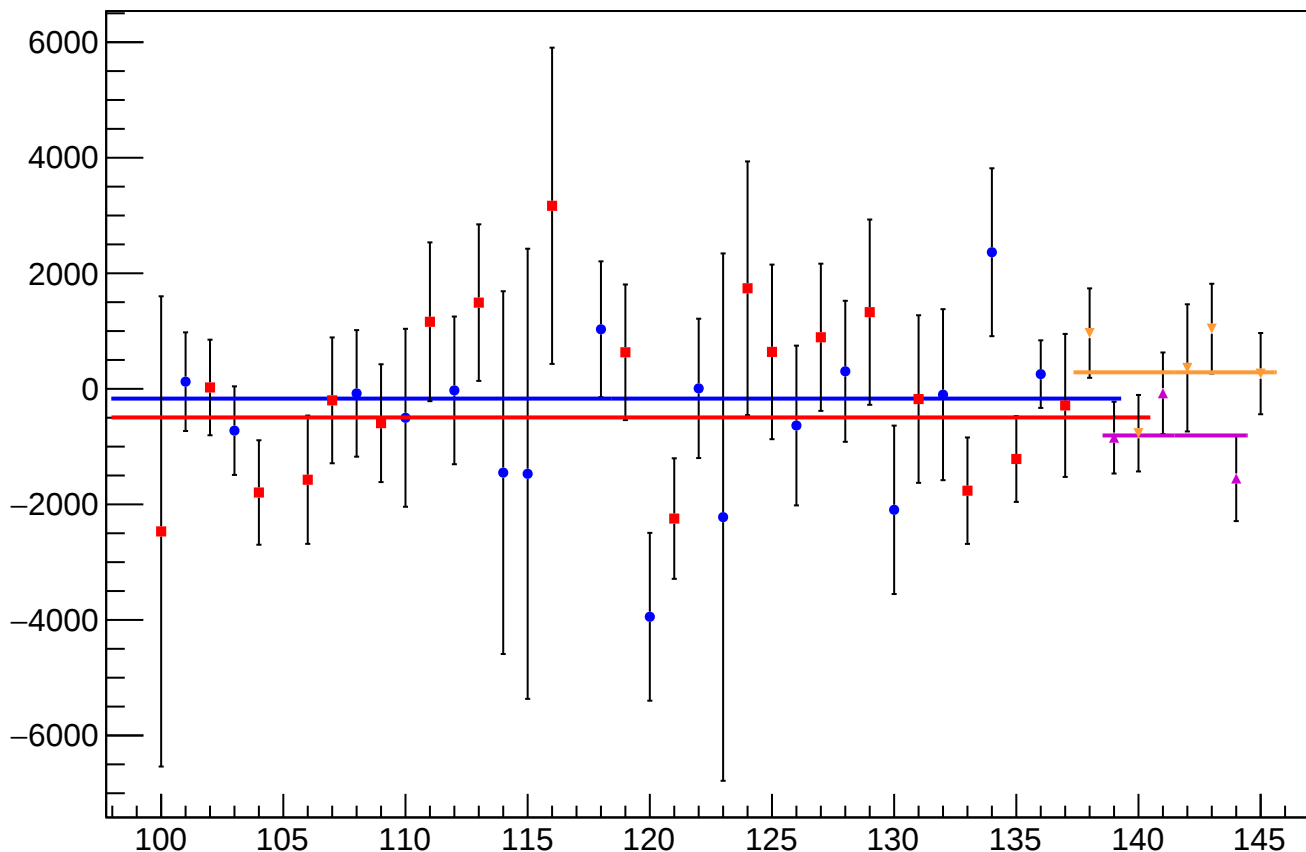
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 98.325+/-0.023 χ^2/NDF : 105942.8/19

Out: 97.778+/-0.021 χ^2/NDF : 197854.3/23

All: 98.031+/-0.016 χ^2/NDF : 304102.2/43

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 286.086 ± 343.846 $\chi^2/\text{NDF}: 4.3/4$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -806.949 ± 394.055 $\chi^2/\text{NDF}: 2.1/2$

Left: -186.402 ± 259.081 $\chi^2/\text{NDF}: 10.7/7$

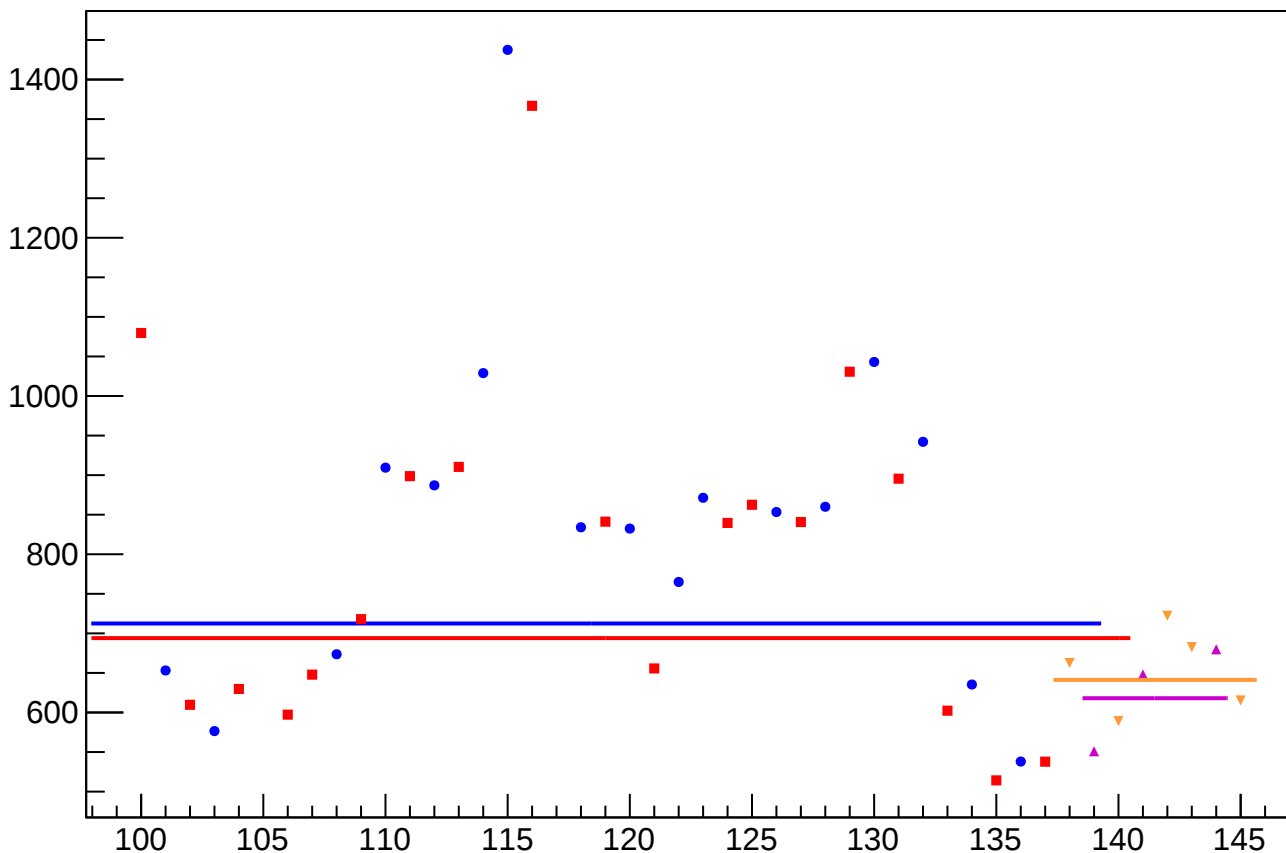
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -385.113 ± 229.422 $\chi^2/\text{NDF}: 18.4/19$

Out: -200.516 ± 211.098 $\chi^2/\text{NDF}: 27.3/23$

All: -285.150 ± 155.344 $\chi^2/\text{NDF}: 46.1/43$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 641.194+/-0.243 χ^2/NDF : 33186.8/4

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 618.052+/-0.279 χ^2/NDF : 40995.6/2

Left: 631.190+/-0.183 χ^2/NDF : 78098.5/7

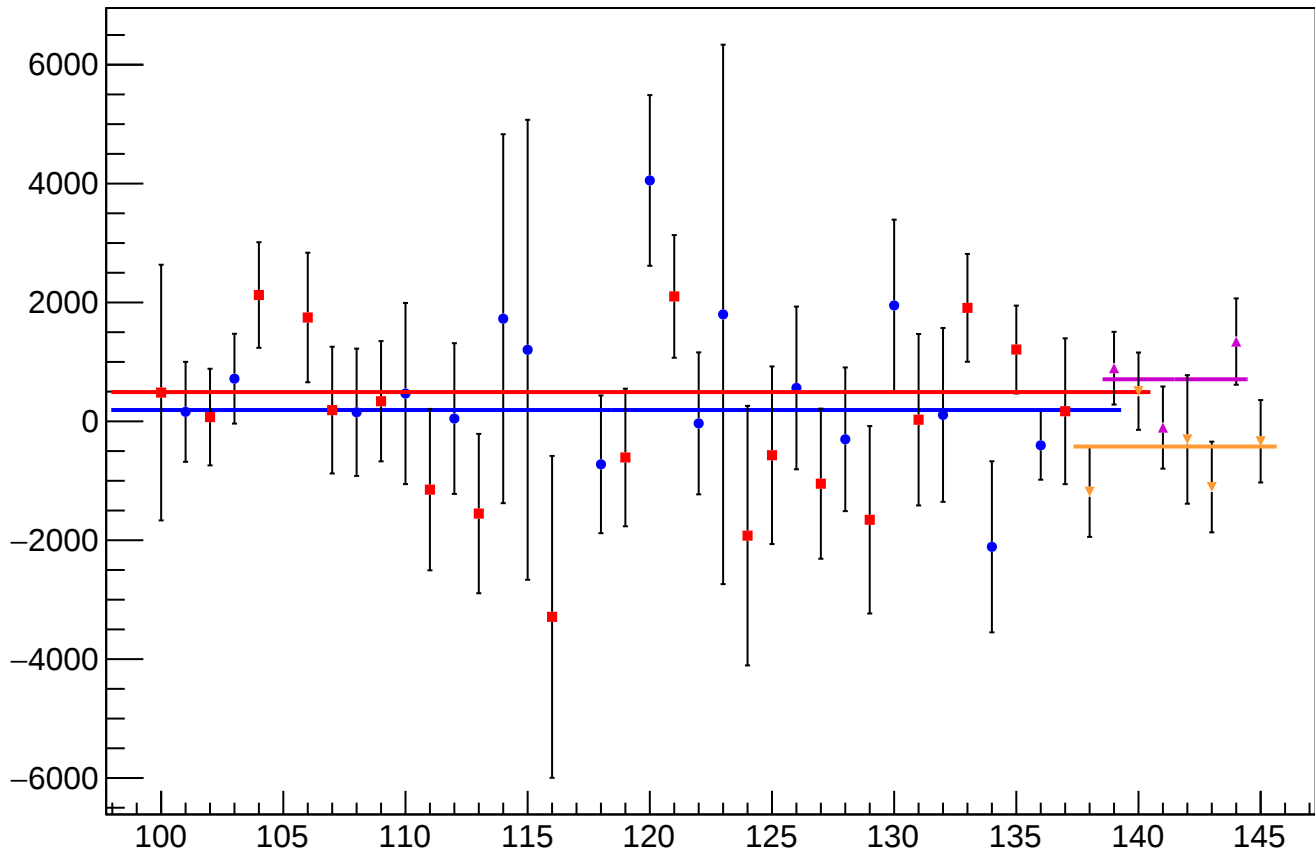
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 680.469+/-0.162 χ^2/NDF : 777427.1/19

Out: 674.106+/-0.149 χ^2/NDF : 737583.3/23

All: 677.023+/-0.110 χ^2/NDF : 1515843.6/43

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -423.305 $\pm$ 338.096 χ^2 /NDF:3.9/4

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 707.908 $\pm$ 387.452 χ^2 /NDF:2.2/2

Left: 65.704 $\pm$ 254.744 χ^2 /NDF: 11.0/7

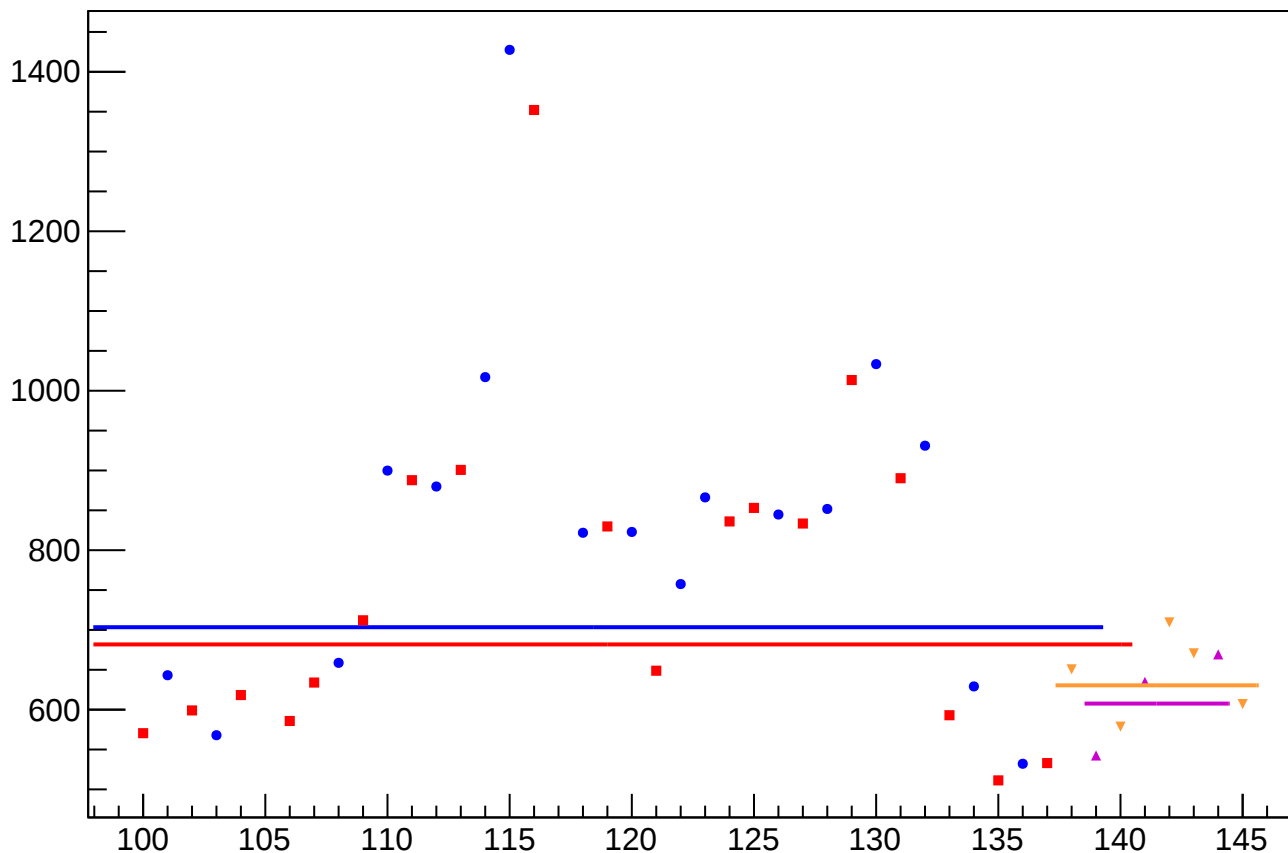
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 367.153 $\pm$ 226.232 χ^2 /NDF:17.6/19

Out: 147.927 $\pm$ 207.416 χ^2 /NDF:31.2/23

All: 248.046 $\pm$ 152.885 χ^2 /NDF: 49.4/43

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 630.502+/-0.239 χ^2/NDF : 32550.2/4

Right Out: 681.807+/-0.186 χ^2/NDF : 664797.9/18

Left In: 607.616+/-0.274 χ^2/NDF : 40187.2/2

Left: 620.609+/-0.180 χ^2/NDF : 76698.9/7

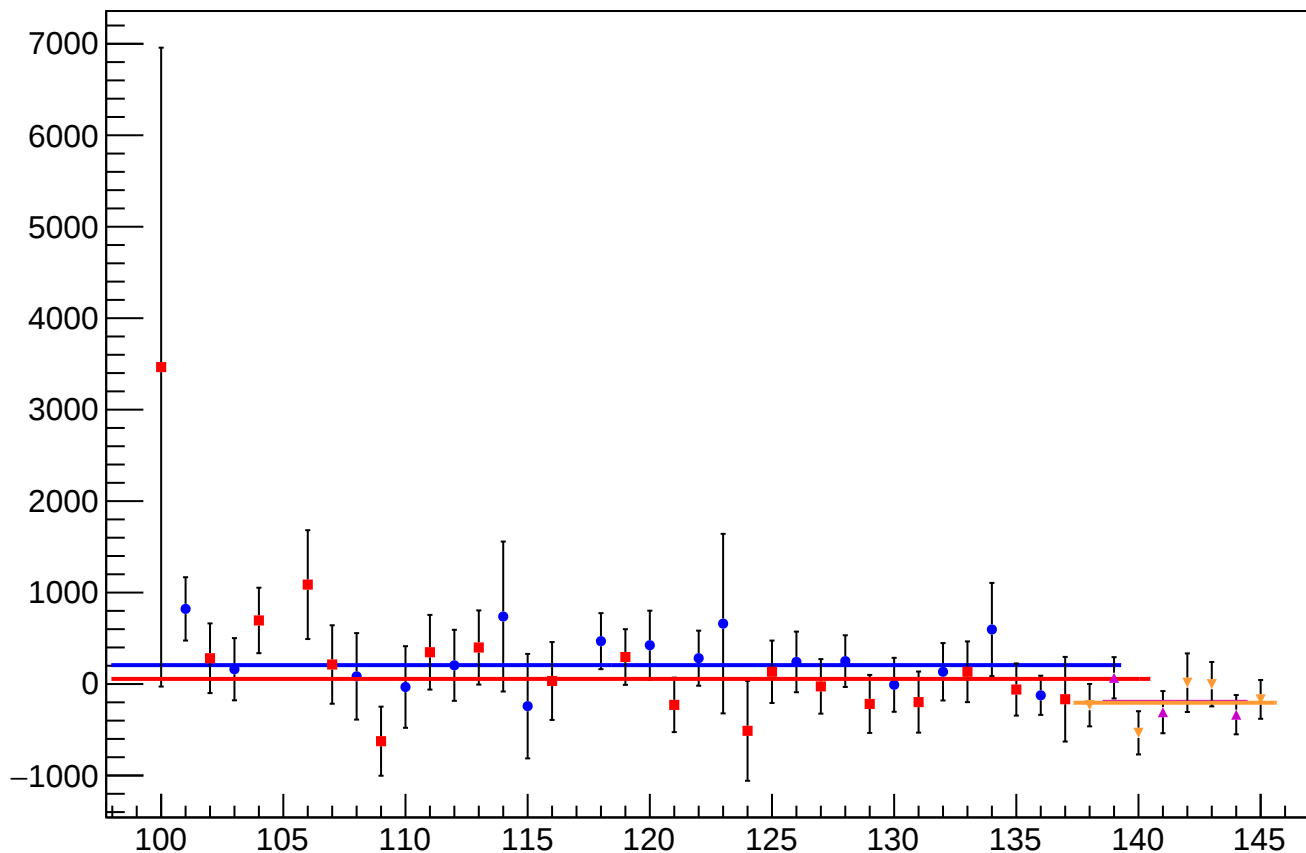
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 670.748+/-0.160 χ^2/NDF : 787640.7/19

Out: 662.498+/-0.147 χ^2/NDF : 726069.0/23

All: 666.266+/-0.108 χ^2/NDF : 1515154.9/43

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$

Left Out: -204.427 ± 108.164 $\chi^2/\text{NDF}: 3.2/4$

Right Out: 56.213 ± 85.167 $\chi^2/\text{NDF}: 16.6/18$

Left In: -194.586 ± 128.945 $\chi^2/\text{NDF}: 2.0/2$

Left: -200.362 ± 82.869 $\chi^2/\text{NDF}: 5.2/7$

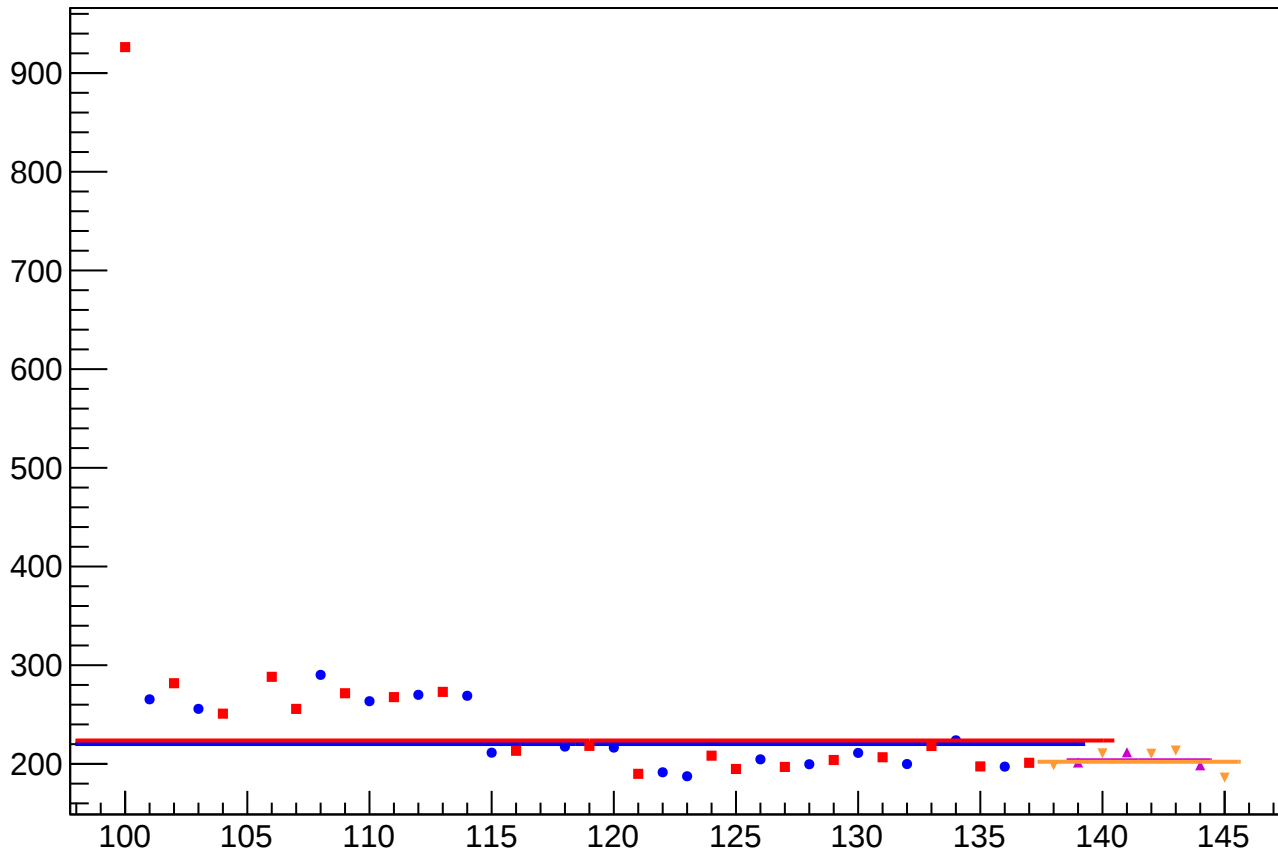
Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$

In: 84.008 ± 71.334 $\chi^2/\text{NDF}: 18.2/19$

Out: -43.536 ± 66.914 $\chi^2/\text{NDF}: 23.4/23$

All: 16.162 ± 48.803 $\chi^2/\text{NDF}: 43.3/43$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 202.172+/-0.076 χ^2/NDF : 20260.6/4

Right Out: 223.705+/-0.060 χ^2/NDF : 353242.3/18

Left In: 203.657+/-0.091 χ^2/NDF : 3812.2/2

Left: 202.785+/-0.059 χ^2/NDF : 24228.5/7

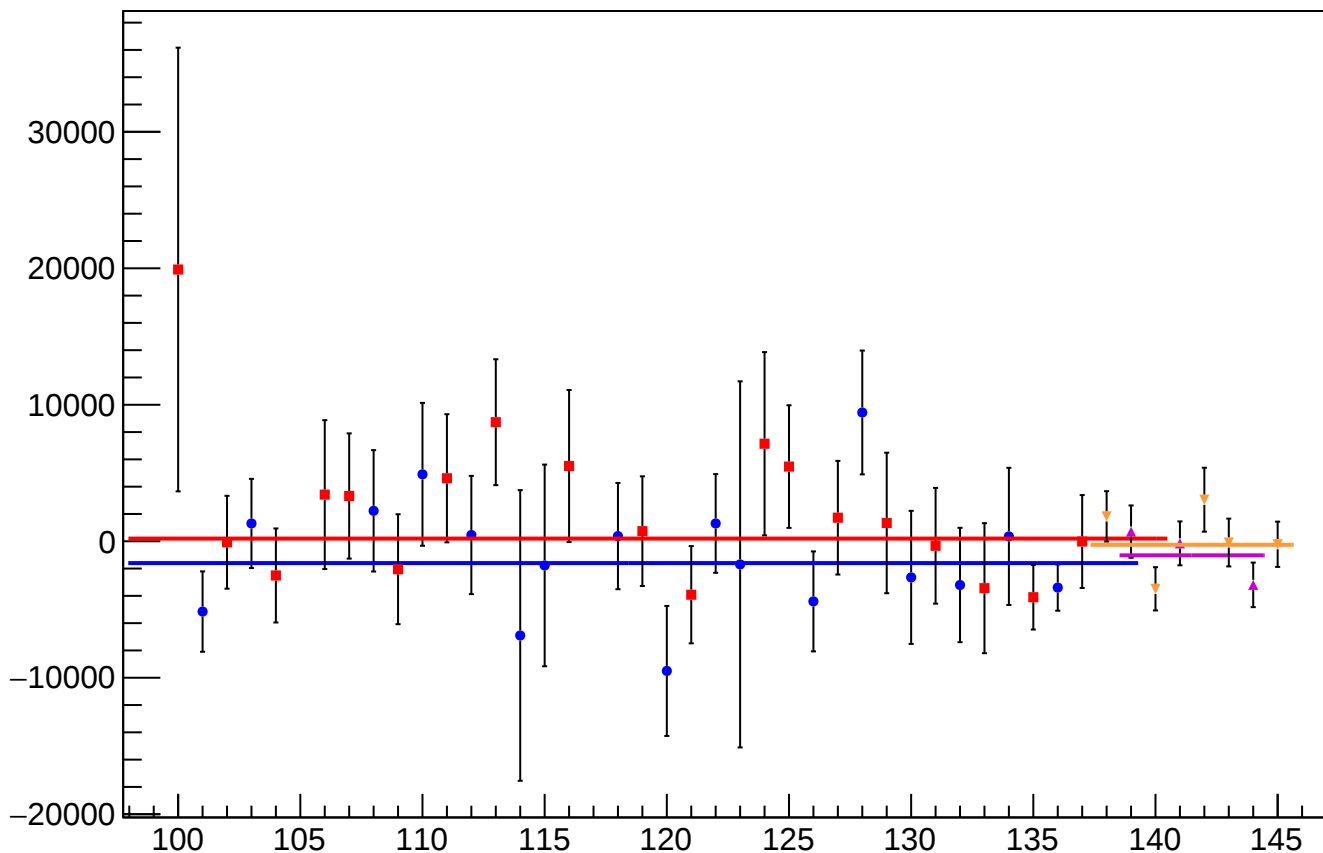
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 215.090+/-0.050 χ^2/NDF : 254915.8/19

Out: 215.464+/-0.047 χ^2/NDF : 422436.0/23

All: 215.289+/-0.035 χ^2/NDF : 677381.0/43

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -261.616 $\pm$ 799.703 χ^2 /NDF: 7.4/4

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -1030.488 $\pm$ 982.950 χ^2 /NDF: 2.9/2

Left: -567.842 $\pm$ 620.334 χ^2 /NDF: 10.7/7

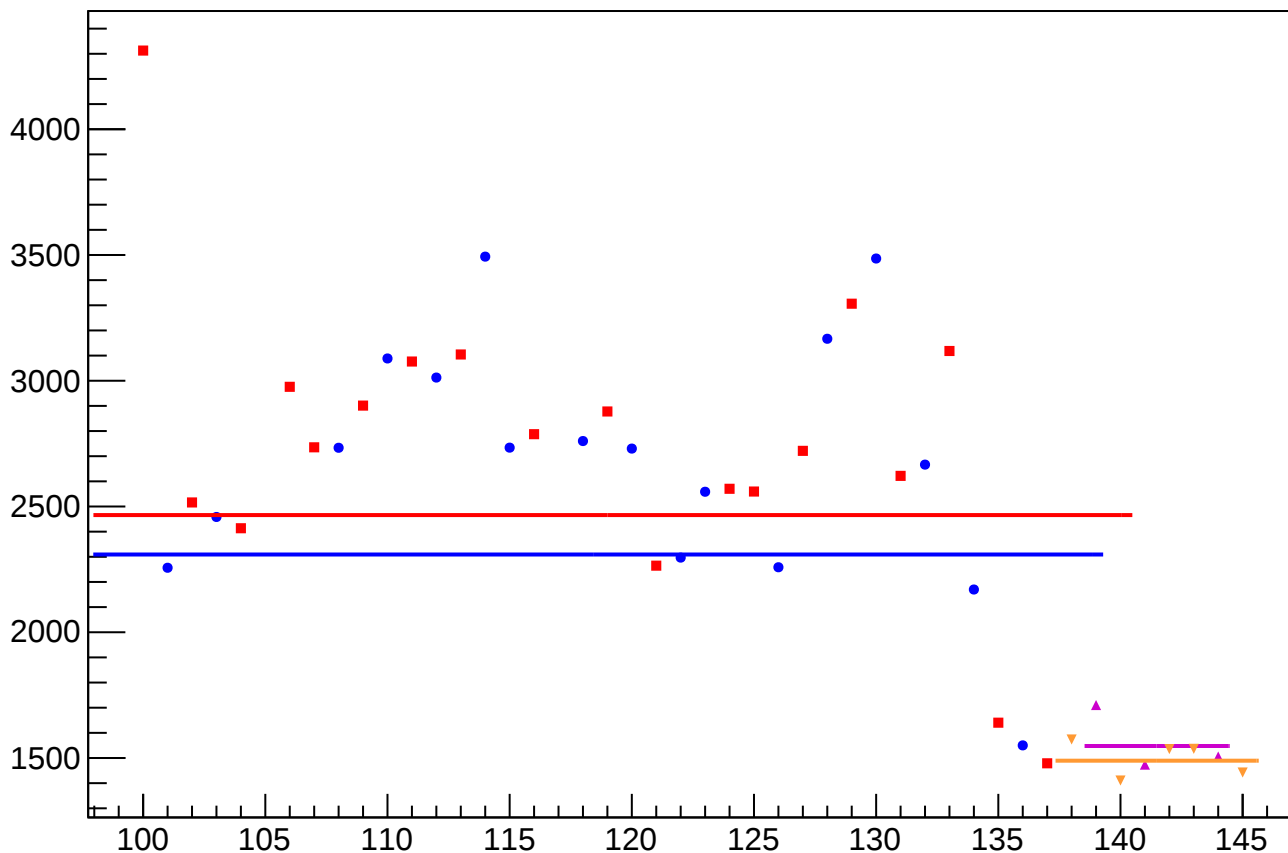
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -1333.234 $\pm$ 672.096 χ^2 /NDF: 19.7/19

Out: -71.667 $\pm$ 611.121 χ^2 /NDF: 23.9/23

All: -642.639 $\pm$ 452.151 χ^2 /NDF: 45.5/43

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2/NDF : 800728.2/16

Left Out: 1489.336 $\pm$ 0.565 χ^2/NDF : 12948.1/4

Right Out: 2465.900 $\pm$ 0.670 χ^2/NDF : 694086.3/18

Left In: 1547.746 $\pm$ 0.695 χ^2/NDF : 20010.8/2

Left: 1512.600 $\pm$ 0.439 χ^2/NDF : 37208.3/7

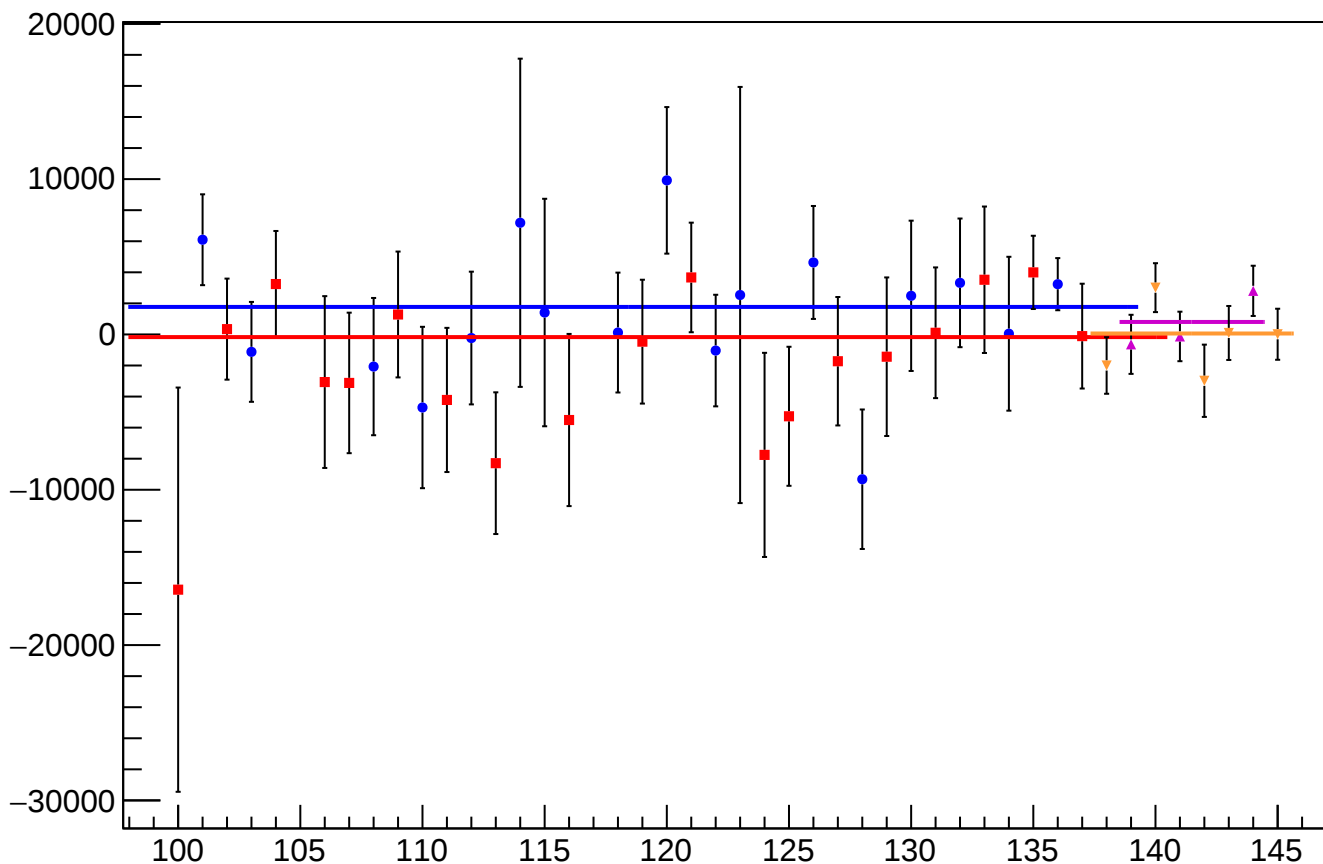
Right: 2385.298 $\pm$ 0.467 χ^2/NDF : 1522965.3/35

In: 1953.169 $\pm$ 0.475 χ^2/NDF : 1459708.7/19

Out: 1895.606 $\pm$ 0.432 χ^2/NDF : 1947795.0/23

All: 1921.659 $\pm$ 0.320 χ^2/NDF : 3415534.5/43

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 60.319+/-792.803 χ^2/NDF : 6.5/4

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 803.556+/-974.680 χ^2/NDF : 2.5/2

Left: 356.258+/-615.035 χ^2/NDF : 9.3/7

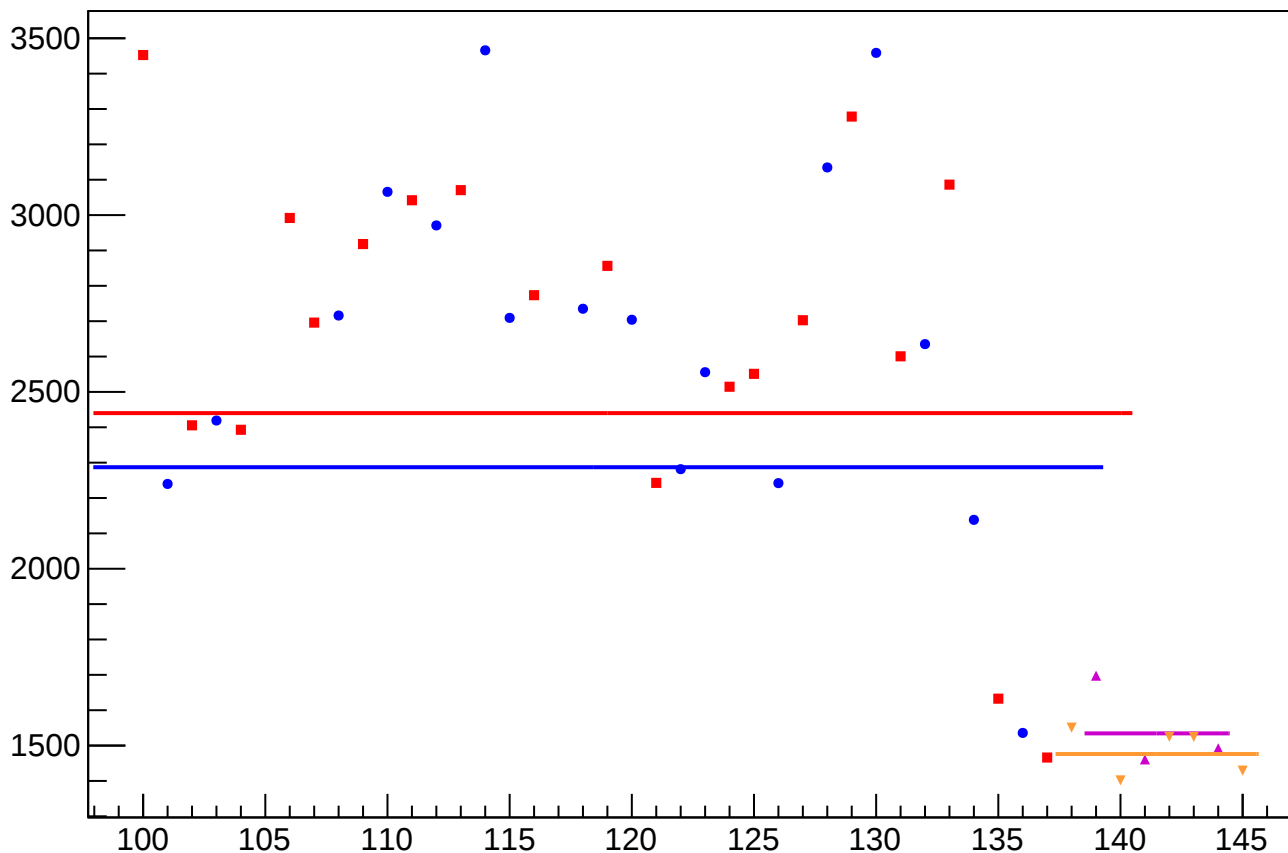
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1319.359+/-666.066 χ^2/NDF : 20.3/19

Out: -36.101+/-605.339 χ^2/NDF : 22.6/23

All: 577.035+/-447.974 χ^2/NDF : 45.2/43

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 1227.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1476.103 $\pm$ 0.561 χ^2/NDF : 11906.8/4

Right Out: 2440.067 $\pm$ 0.663 χ^2/NDF : 679108.5/18

Left In: 1534.499 $\pm$ 0.689 χ^2/NDF : 20343.3/2

Left: 1499.355 $\pm$ 0.435 χ^2/NDF : 36570.8/7

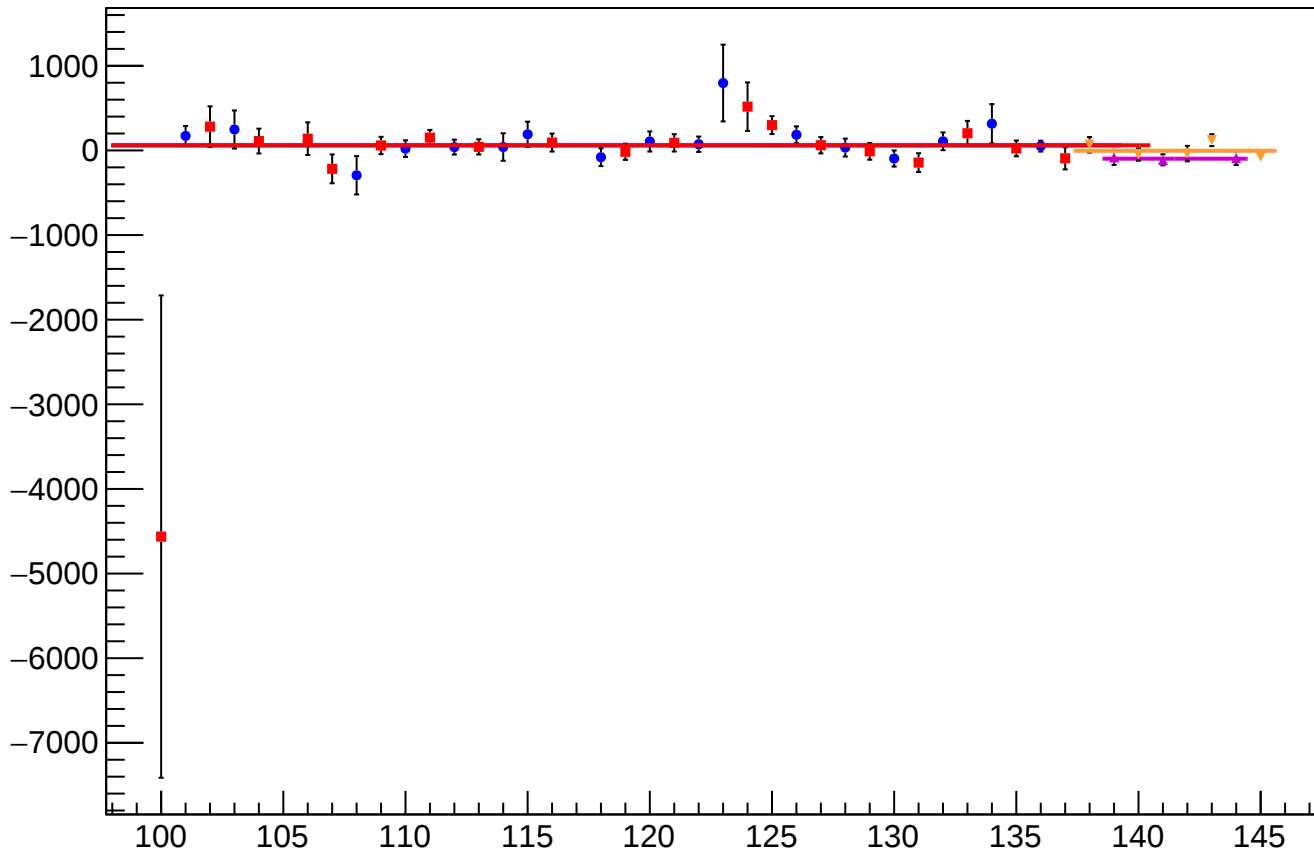
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1935.642 $\pm$ 0.471 χ^2/NDF : 1455321.8/19

Out: 1878.078 $\pm$ 0.428 χ^2/NDF : 1924005.2/23

All: 1904.116 $\pm$ 0.317 χ^2/NDF : 3387507.9/43

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -4.445 $\pm$ 32.743 χ^2 /NDF: 5.9/4

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -97.527 $\pm$ 44.287 χ^2 /NDF: 0.1/2

Left: -37.343 $\pm$ 26.329 χ^2 /NDF: 8.8/7

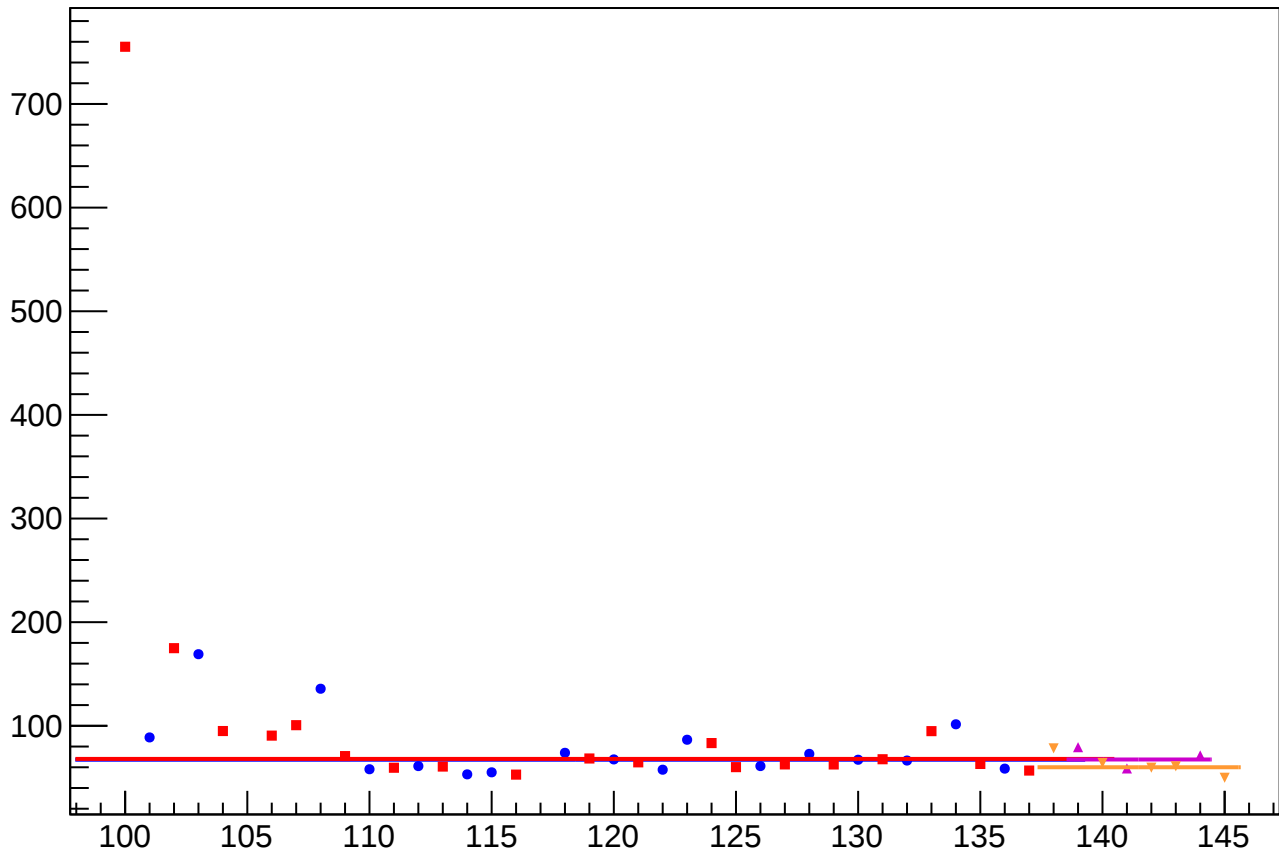
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: 16.881 $\pm$ 23.103 χ^2 /NDF: 24.6/19

Out: 34.491 $\pm$ 20.835 χ^2 /NDF: 30.6/23

All: 26.592 $\pm$ 15.473 χ^2 /NDF: 55.5/43

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 60.021+/-0.023 χ^2/NDF :148280.0/4

Right Out: 68.060+/-0.019 χ^2/NDF : 870616.5/18

Left In: 67.509+/-0.031 χ^2/NDF :75690.8/2

Left: 62.668+/-0.019 χ^2/NDF : 260934.8/7

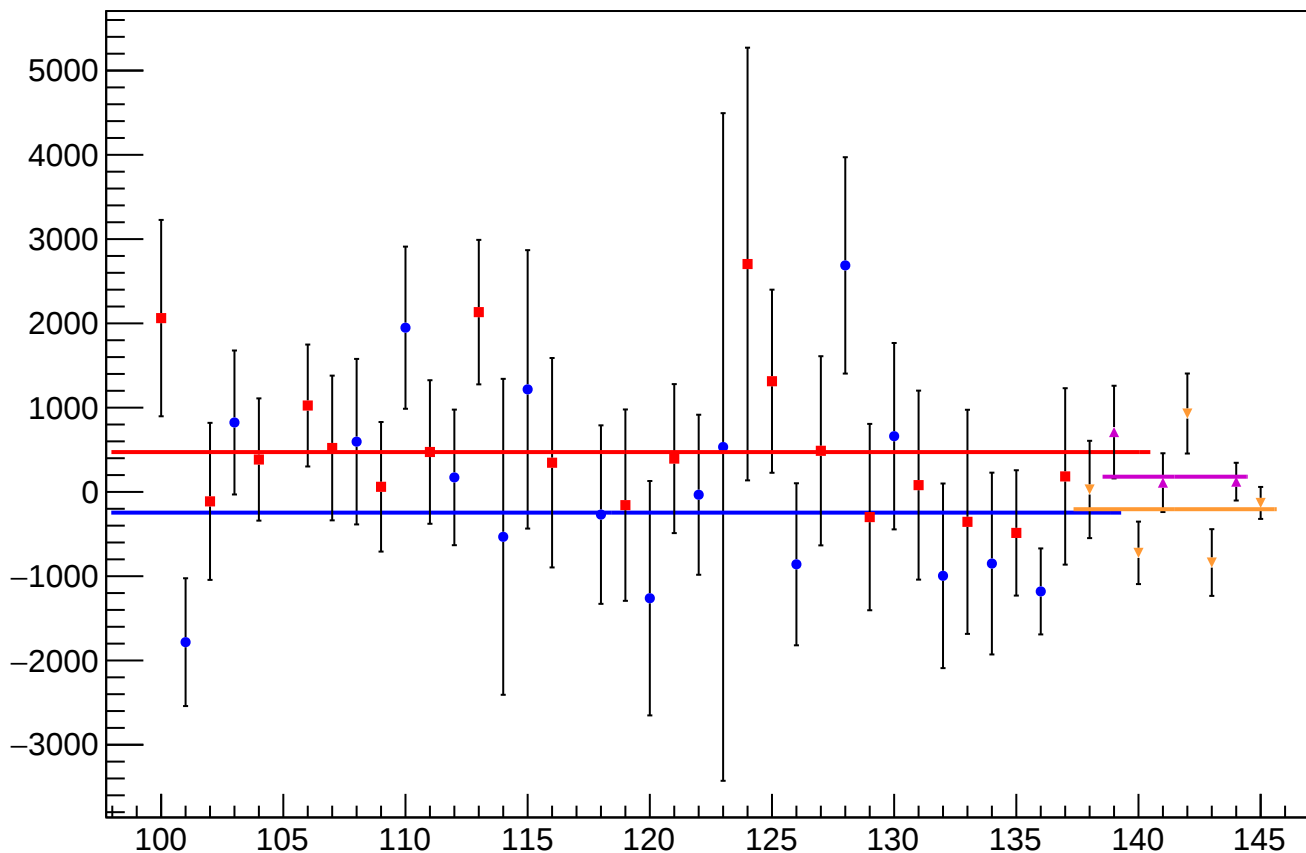
Right: 67.679+/-0.014 χ^2/NDF : 1712764.6/35

In: 67.355+/-0.016 χ^2/NDF :917076.3/19

Out: 64.805+/-0.015 χ^2/NDF :1090630.6/23

All: 65.949+/-0.011 χ^2/NDF : 2021140.0/43

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -204.956 ± 143.044 χ^2/NDF : 10.5/4

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 180.717 ± 178.172 χ^2/NDF : 1.0/2

Left: -53.799 ± 111.544 χ^2/NDF : 14.4/7

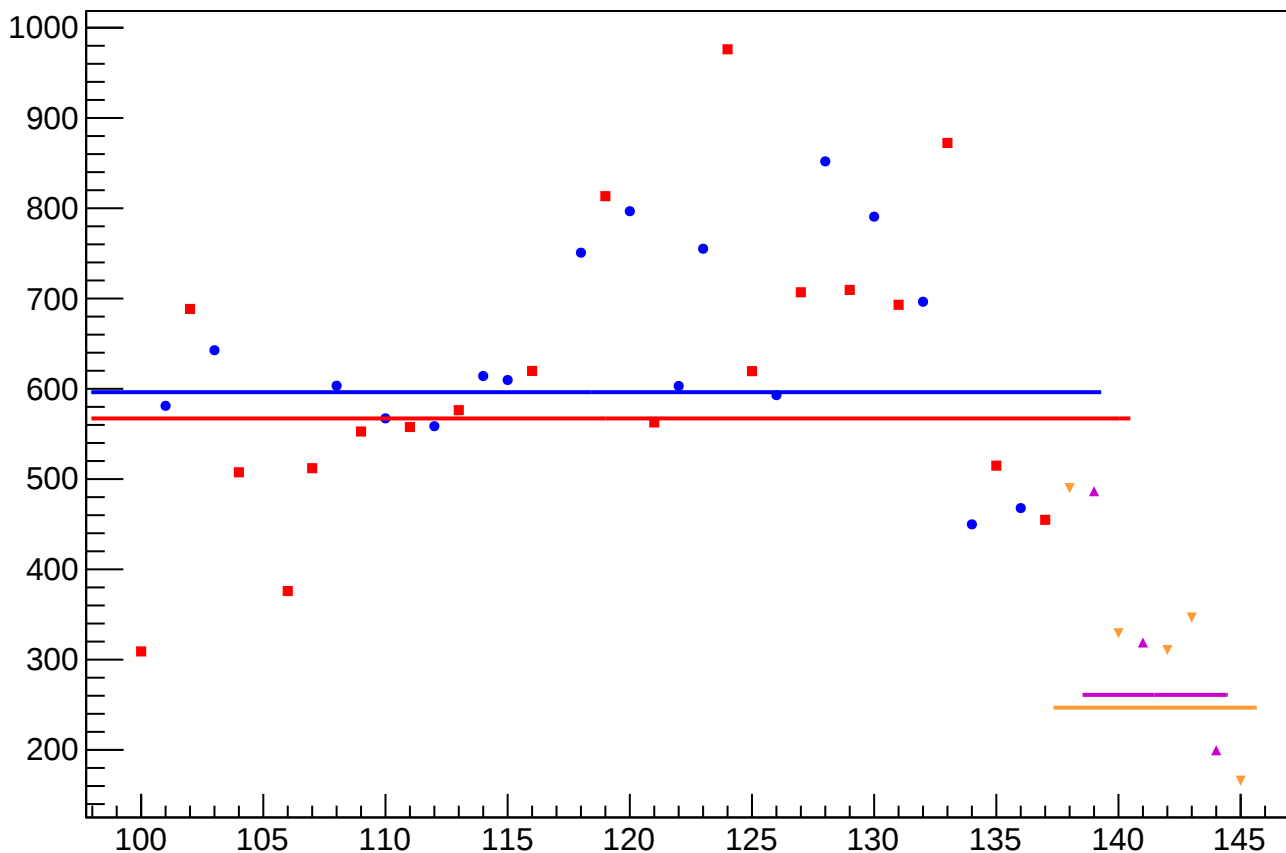
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 25.434 ± 142.067 χ^2/NDF : 26.9/19

Out: -2.028 ± 119.732 χ^2/NDF : 28.6/23

All: 9.377 ± 91.554 χ^2/NDF : 55.5/43

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 246.869+/-0.101 χ^2/NDF : 980304.8/4

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 260.957+/-0.126 χ^2/NDF : 542661.1/2

Left: 252.390+/-0.079 χ^2/NDF : 1530569.2/7

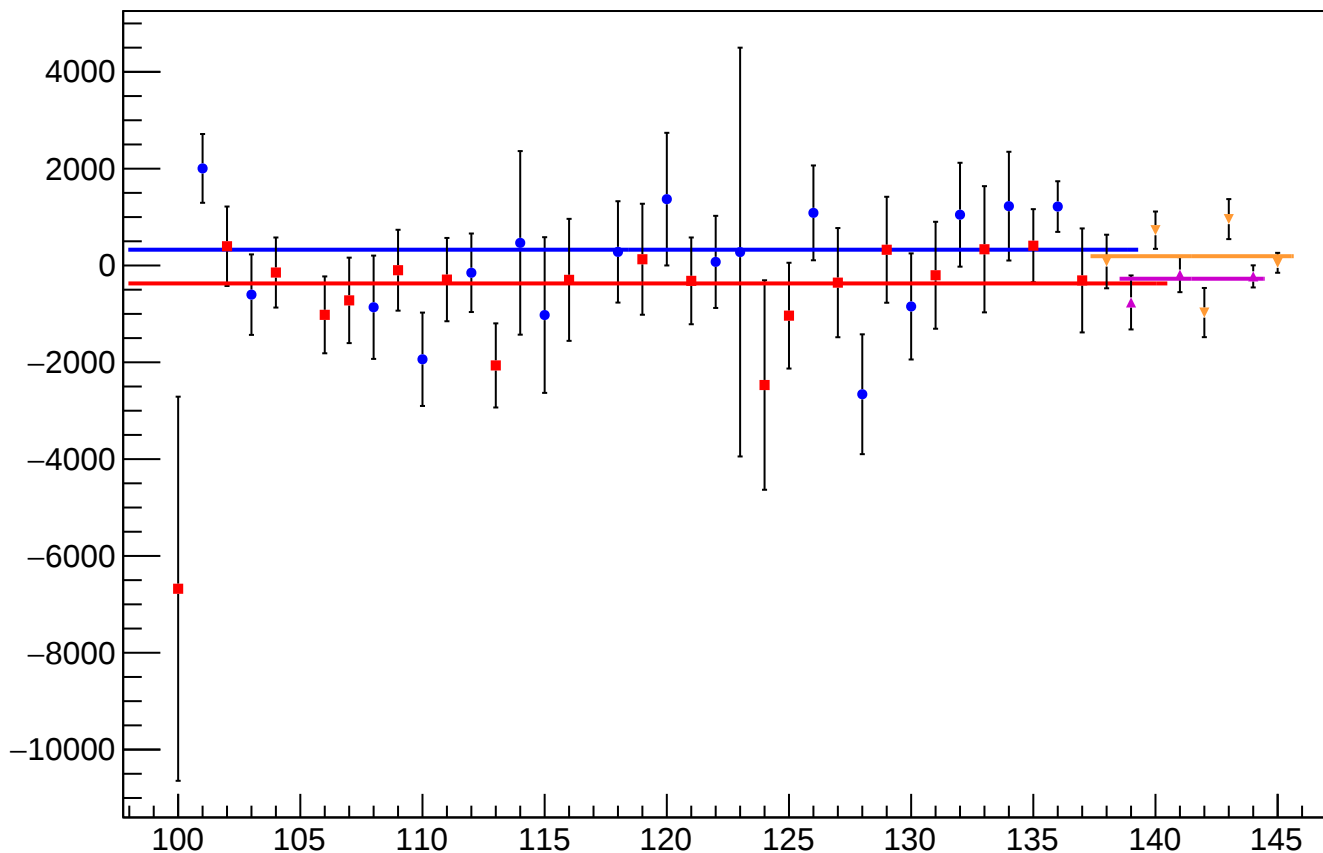
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 383.075+/-0.100 χ^2/NDF : 3544393.4/19

Out: 342.764+/-0.085 χ^2/NDF : 4658024.7/23

All: 359.505+/-0.065 χ^2/NDF : 8296566.7/43

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 191.943 ± 151.873 $\chi^2/\text{NDF}: 11.1/4$

Right Out: -370.721 ± 224.892 $\chi^2/\text{NDF}: 11.5/18$

Left In: -273.684 ± 182.607 $\chi^2/\text{NDF}: 0.9/2$

Left: 1.557 ± 116.766 $\chi^2/\text{NDF}: 15.8/7$

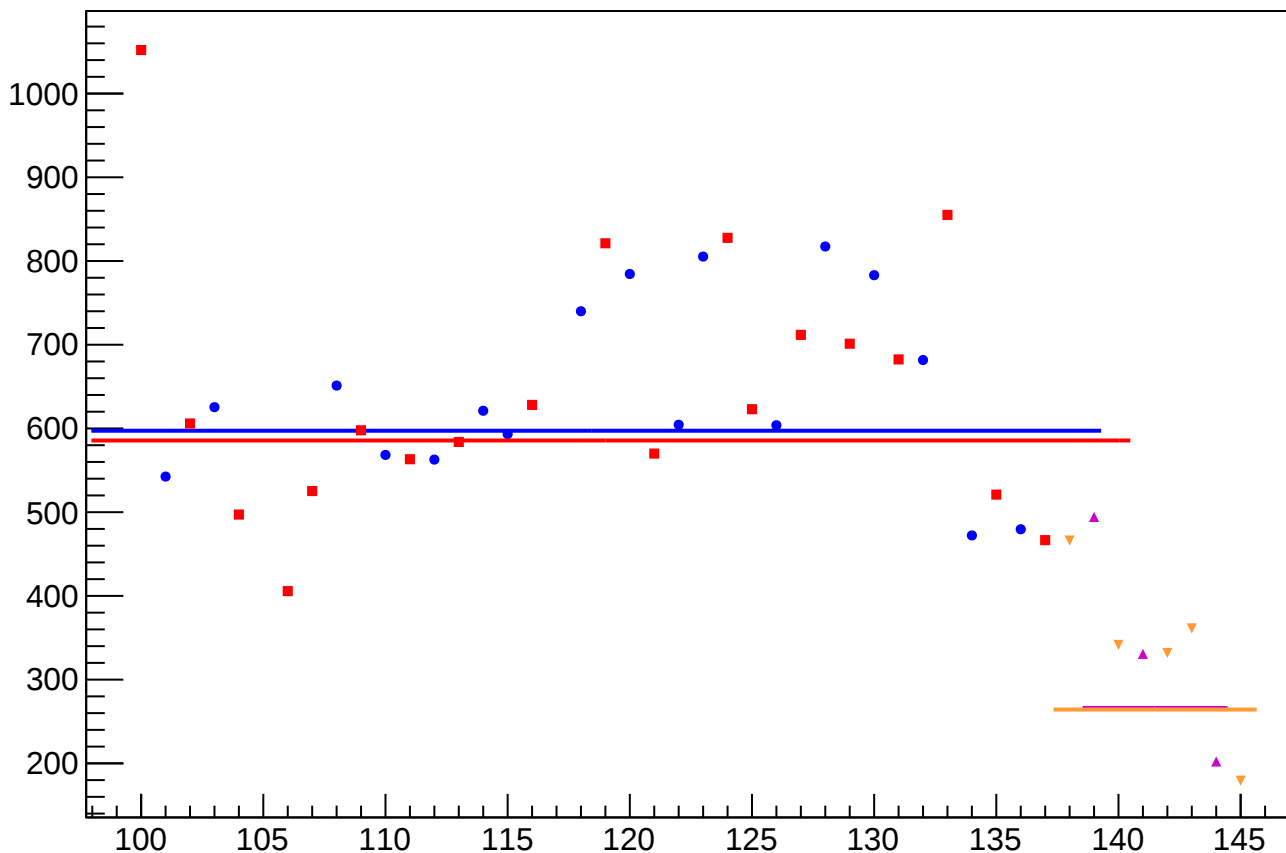
Right: -38.515 ± 162.676 $\chi^2/\text{NDF}: 43.0/35$

In: -48.600 ± 144.330 $\chi^2/\text{NDF}: 31.8/19$

Out: 15.711 ± 125.861 $\chi^2/\text{NDF}: 26.9/23$

All: -12.069 ± 94.859 $\chi^2/\text{NDF}: 58.8/43$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 264.231 $\pm$ 0.107 χ^2 /NDF:832655.0/4

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 266.184 $\pm$ 0.129 χ^2 /NDF:554935.3/2

Left: 265.029 $\pm$ 0.083 χ^2 /NDF: 1387725.6/7

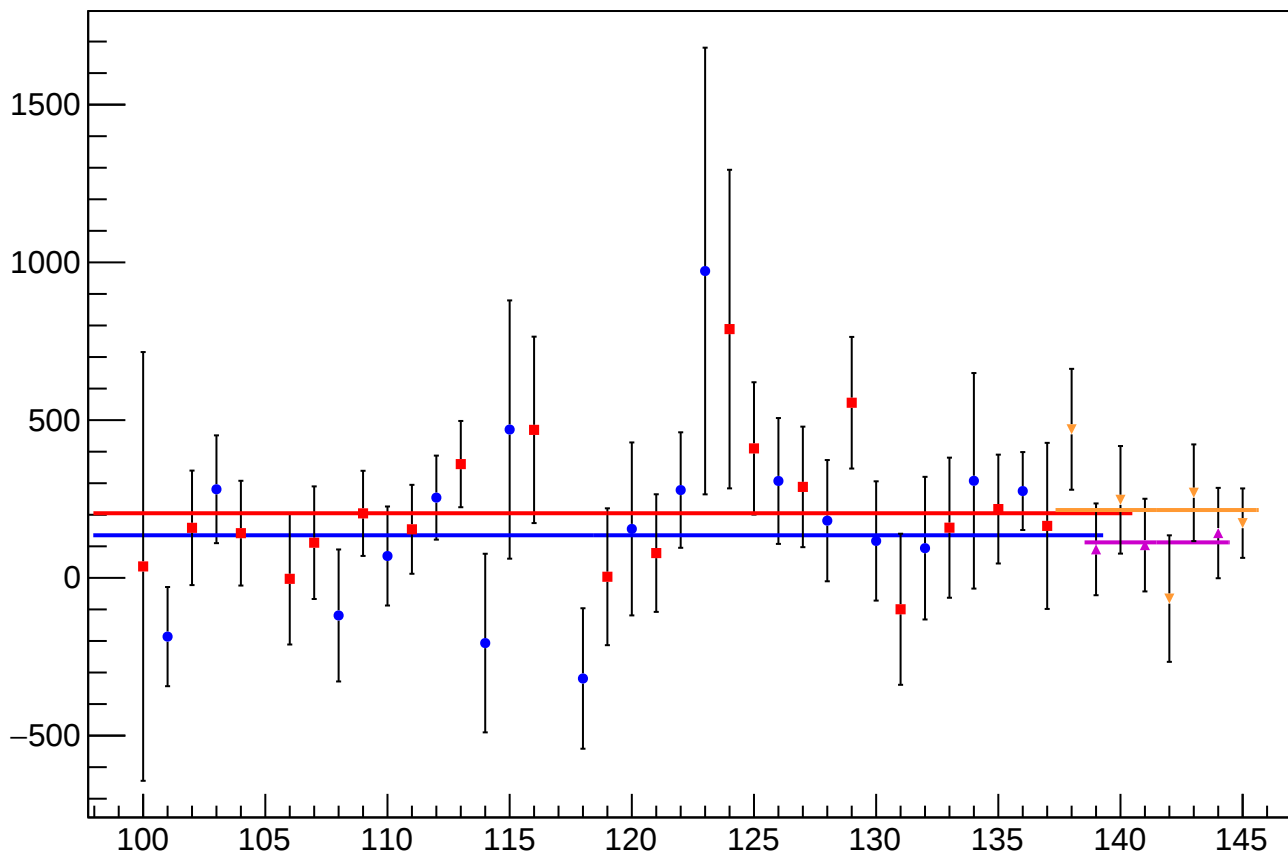
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 390.448 $\pm$ 0.102 χ^2 /NDF:3386428.8/19

Out: 364.892 $\pm$ 0.089 χ^2 /NDF:4112415.9/23

All: 375.931 $\pm$ 0.067 χ^2 /NDF: 7534463.5/43

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 215.061 $\pm$ 68.739 χ^2 /NDF: 4.1/4

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 112.514 $\pm$ 83.812 χ^2 /NDF: 0.1/2

Left: 173.822 $\pm$ 53.150 χ^2 /NDF: 5.0/7

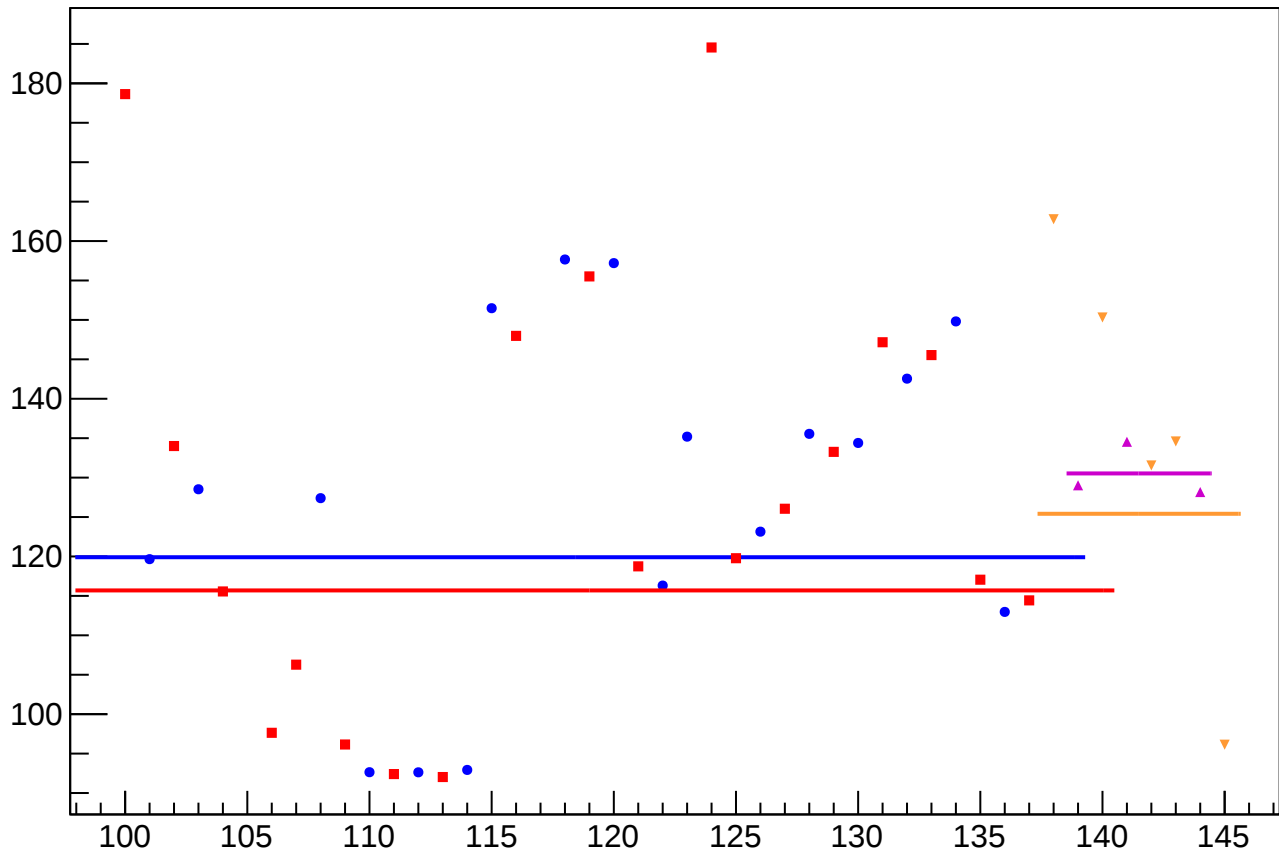
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 129.638 $\pm$ 41.010 χ^2 /NDF: 18.2/19

Out: 207.871 $\pm$ 37.320 χ^2 /NDF: 16.2/23

All: 172.432 $\pm$ 27.602 χ^2 /NDF: 36.3/43

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 125.412+/-0.049 χ^2/NDF : 269274.3/4

Right Out: 115.693+/-0.031 χ^2/NDF : 435335.9/18

Left In: 130.530+/-0.059 χ^2/NDF : 2251.4/2

Left: 127.471+/-0.038 χ^2/NDF : 275984.8/7

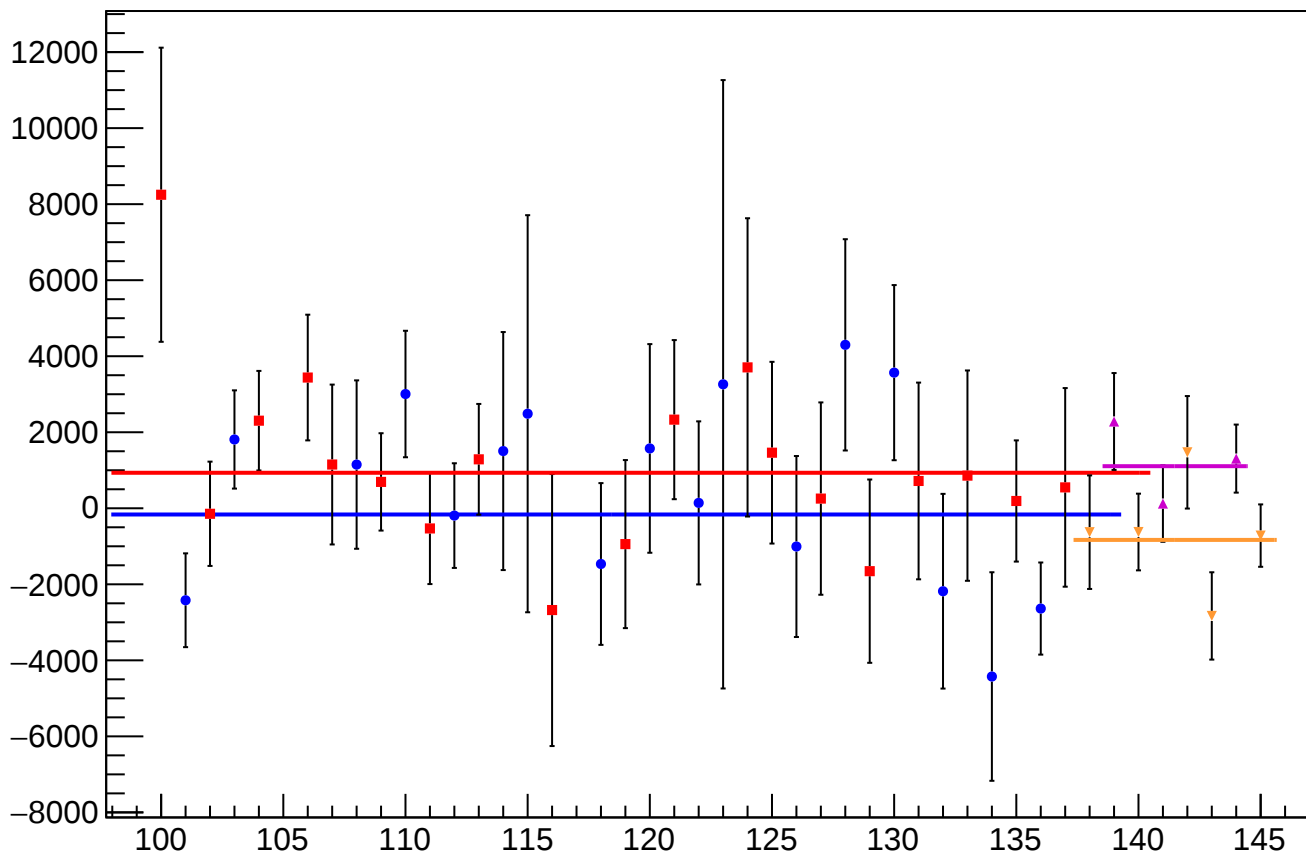
Right: 117.679+/-0.023 χ^2/NDF : 789317.7/35

In: 122.448+/-0.029 χ^2/NDF : 372217.5/19

Out: 118.558+/-0.026 χ^2/NDF : 732811.1/23

All: 120.320+/-0.020 χ^2/NDF : 1114873.0/43

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -832.207+/-492.031 χ^2/NDF : 5.5/4

Right Out: 933.992+/-437.648 χ^2/NDF : 12.9/18

Left In: 1107.181+/-592.016 χ^2/NDF : 1.9/2

Left: -39.880+/-378.402 χ^2/NDF : 13.7/7

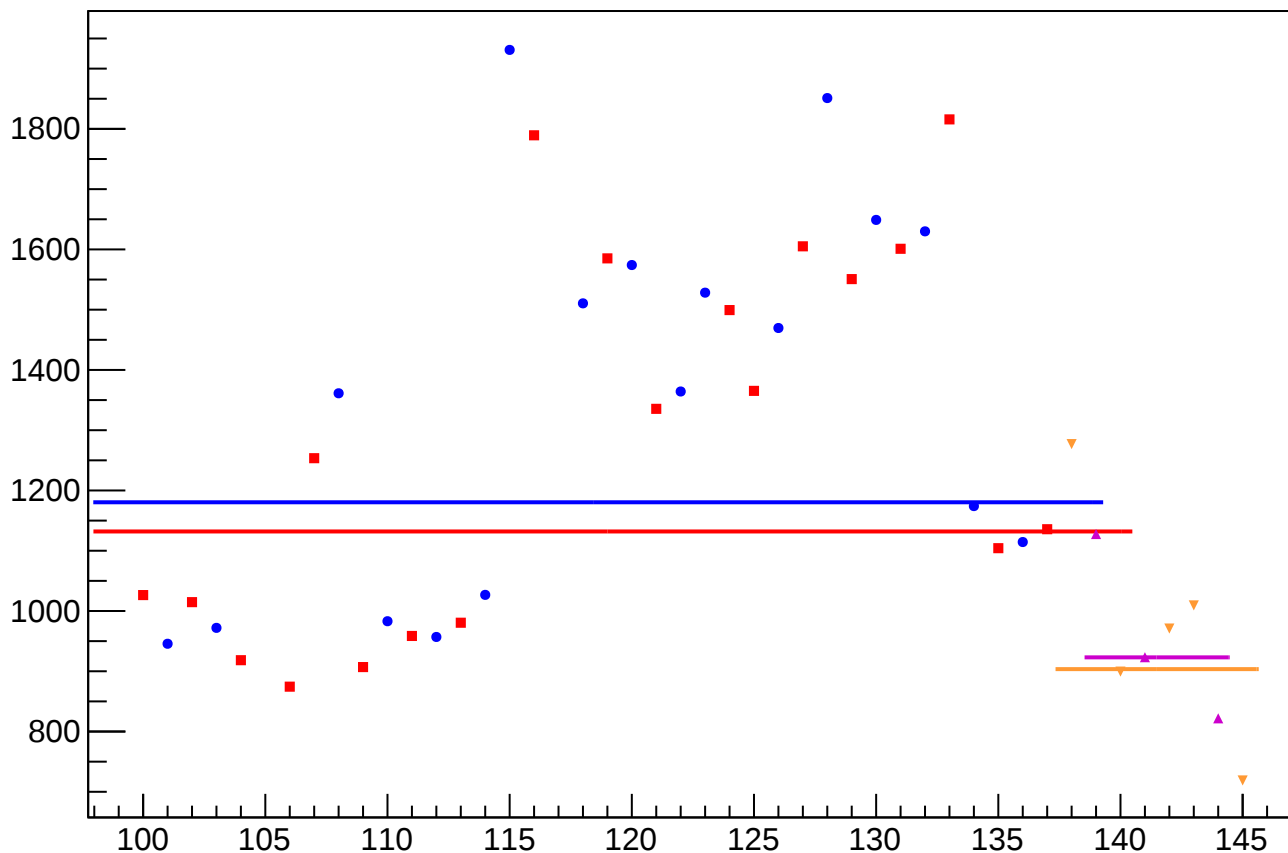
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 327.206+/-367.905 χ^2/NDF : 28.4/19

Out: 153.856+/-327.008 χ^2/NDF : 25.6/23

All: 230.364+/-244.415 χ^2/NDF : 54.1/43

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 903.559+/-0.348 χ^2/NDF : 247517.5/4

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 923.066+/-0.419 χ^2/NDF : 77119.5/2

Left: 911.529+/-0.268 χ^2/NDF : 325921.2/7

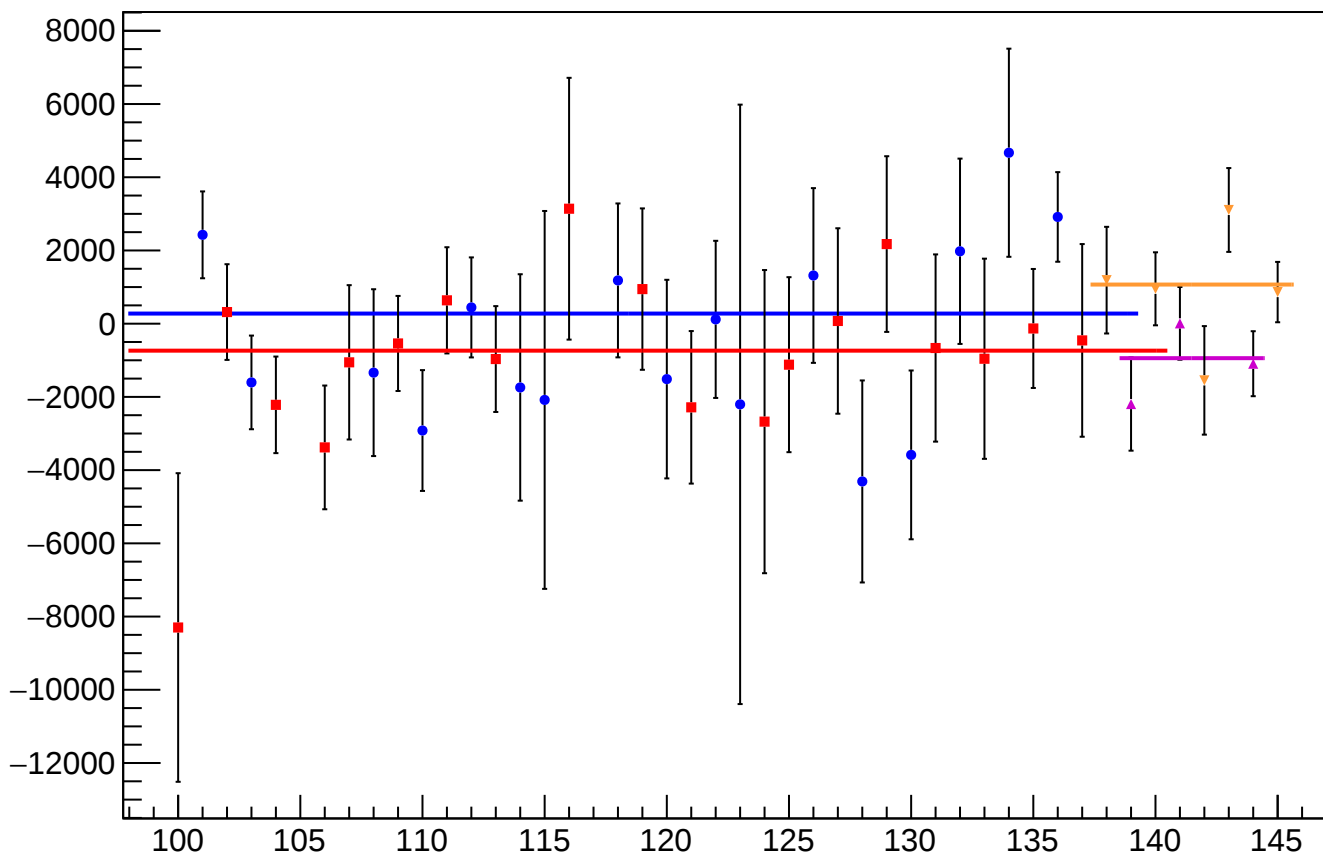
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1081.021+/-0.260 χ^2/NDF : 977917.9/19

Out: 1031.085+/-0.231 χ^2/NDF : 1250065.9/23

All: 1053.124+/-0.173 χ^2/NDF : 2248567.4/43

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1068.844 $\pm$ 489.914 χ^2 /NDF:6.4/4

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -941.951 $\pm$ 587.260 χ^2 /NDF:1.9/2

Left: 243.694 $\pm$ 376.195 χ^2 /NDF: 15.2/7

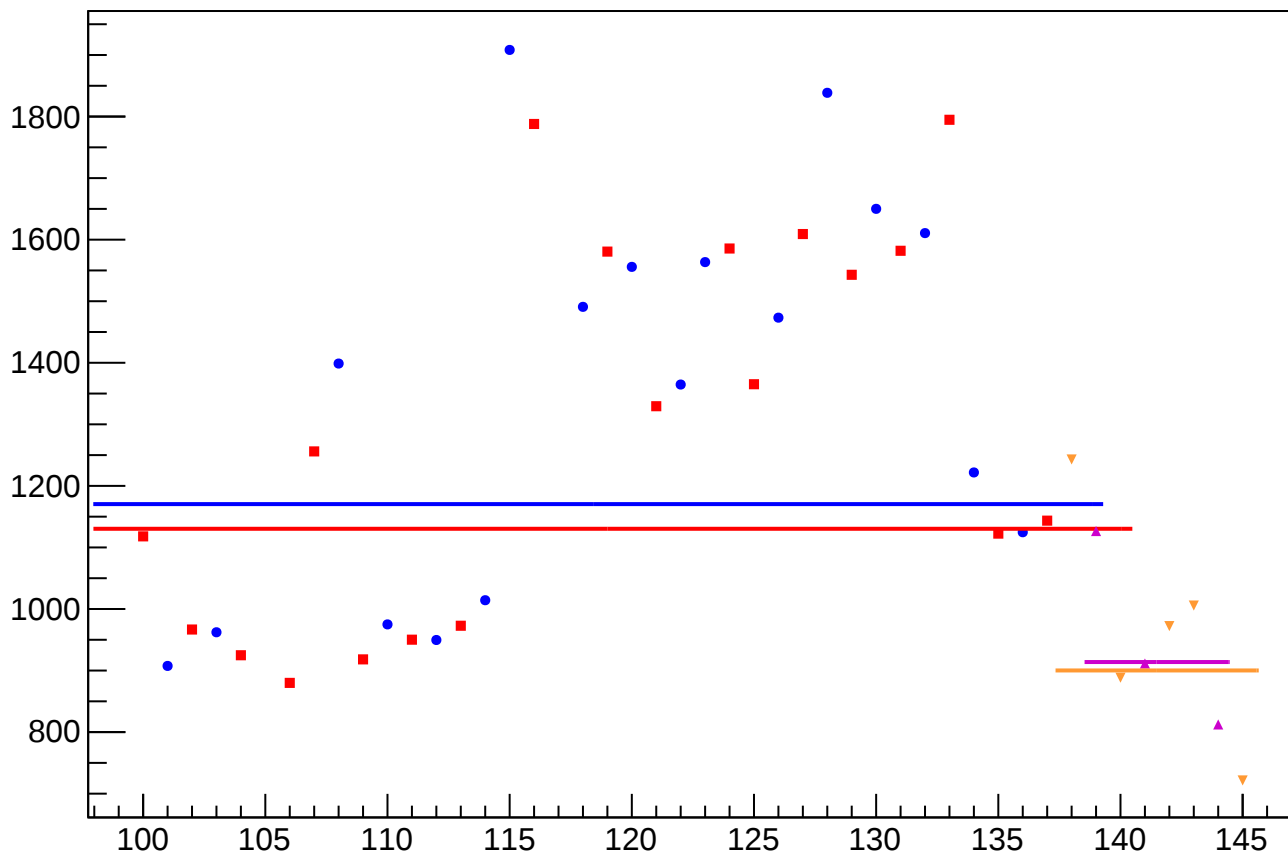
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -194.857 $\pm$ 365.240 χ^2 /NDF:28.9/19

Out: 64.223 $\pm$ 326.301 χ^2 /NDF:26.8/23

All: -50.775 $\pm$ 243.336 χ^2 /NDF: 55.9/43

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 900.152+/-0.346 χ^2/NDF : 226685.5/4

Right Out: 1130.322+/-0.309 χ^2/NDF : 763044.5/18

Left In: 913.832+/-0.415 χ^2/NDF : 81928.5/2

Left: 905.766+/-0.266 χ^2/NDF : 309253.9/7

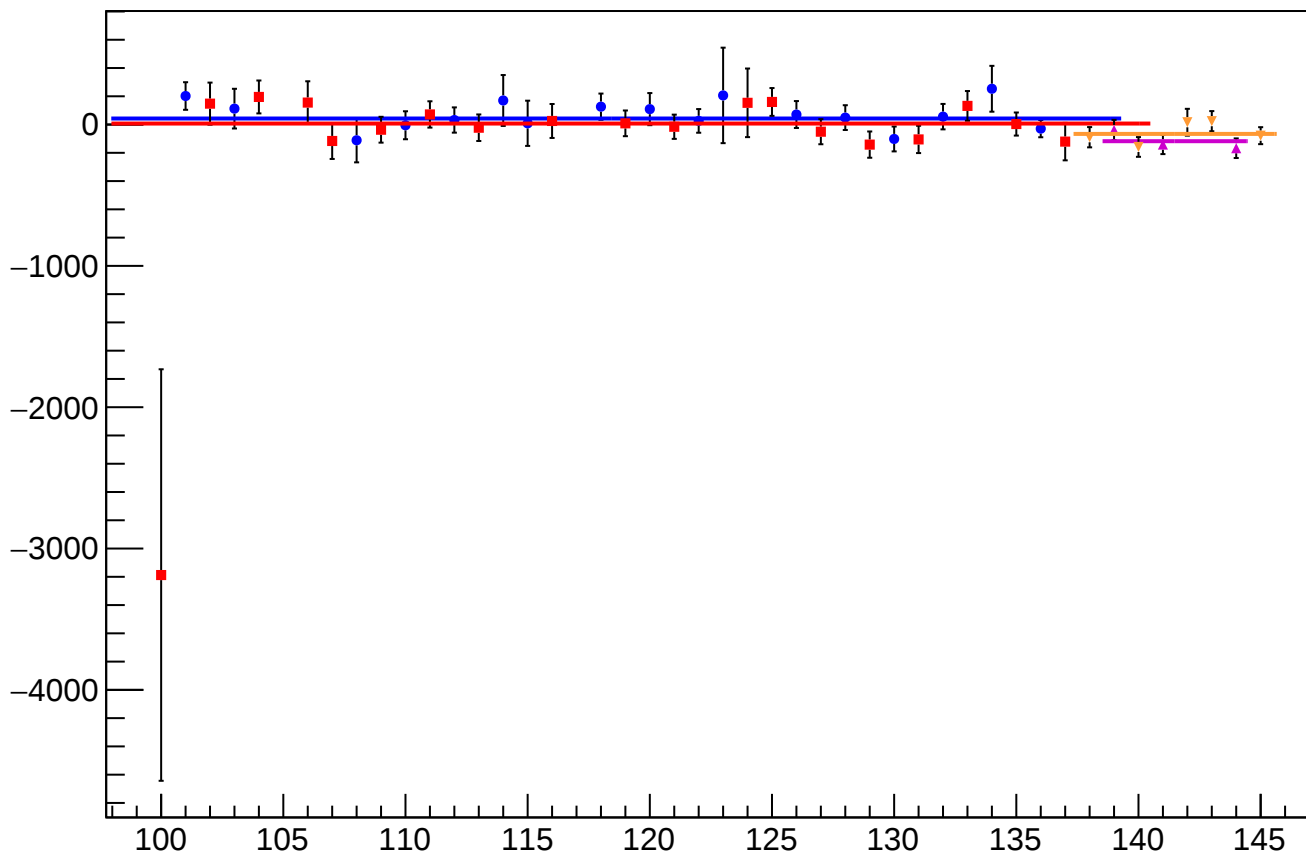
Right: 1149.080+/-0.226 χ^2/NDF : 1476389.1/35

In: 1071.160+/-0.258 χ^2/NDF : 1021505.9/19

Out: 1028.217+/-0.231 χ^2/NDF : 1235355.4/23

All: 1047.278+/-0.172 χ^2/NDF : 2272236.5/43

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -66.238 ± 31.853 $\chi^2/\text{NDF}: 4.3/4$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -117.792 ± 40.110 $\chi^2/\text{NDF}: 1.9/2$

Left: -86.177 ± 24.944 $\chi^2/\text{NDF}: 7.1/7$

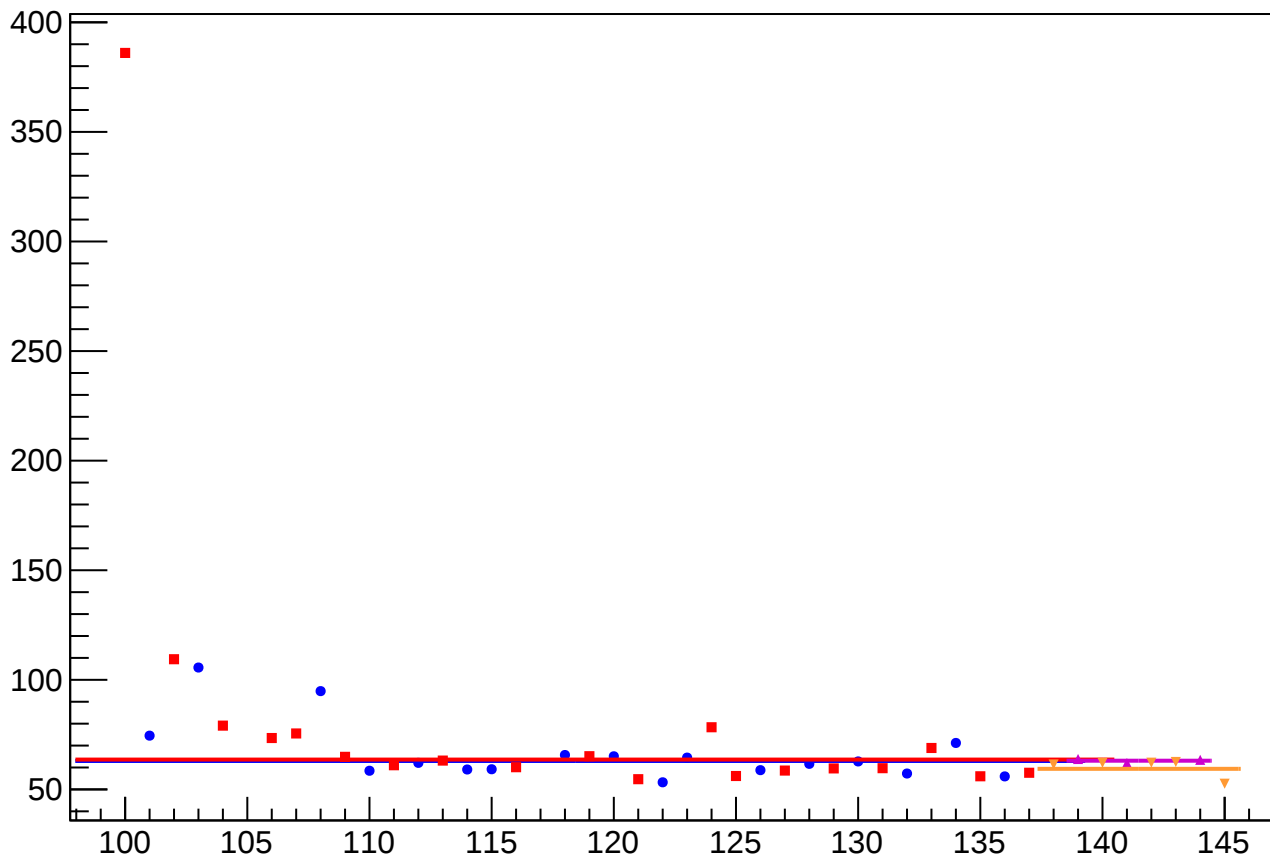
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -1.449 ± 21.032 $\chi^2/\text{NDF}: 25.4/19$

Out: -20.150 ± 19.415 $\chi^2/\text{NDF}: 28.2/23$

All: -11.546 ± 14.266 $\chi^2/\text{NDF}: 54.1/43$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 59.390 $\pm$ 0.023 χ^2 /NDF:35809.0/4

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.096 $\pm$ 0.028 χ^2 /NDF:819.3/2

Left: 60.824 $\pm$ 0.018 χ^2 /NDF: 47097.3/7

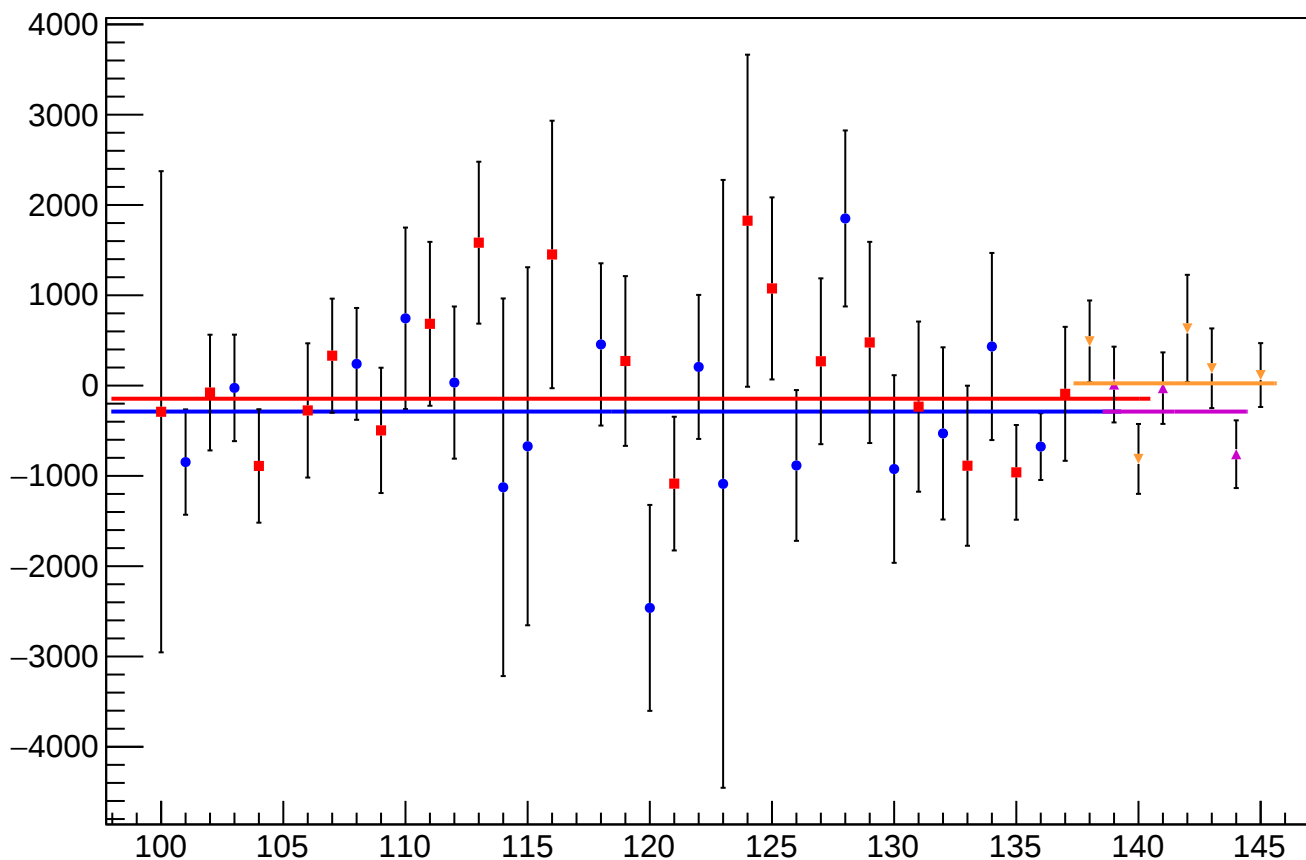
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.012 $\pm$ 0.015 χ^2 /NDF:376094.8/19

Out: 62.045 $\pm$ 0.014 χ^2 /NDF:491452.0/23

All: 62.490 $\pm$ 0.010 χ^2 /NDF: 869831.1/43

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 24.802 ± 190.592 $\chi^2/\text{NDF}: 7.0/4$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -287.923 ± 228.366 $\chi^2/\text{NDF}: 2.5/2$

Left: -103.592 ± 146.326 $\chi^2/\text{NDF}: 10.6/7$

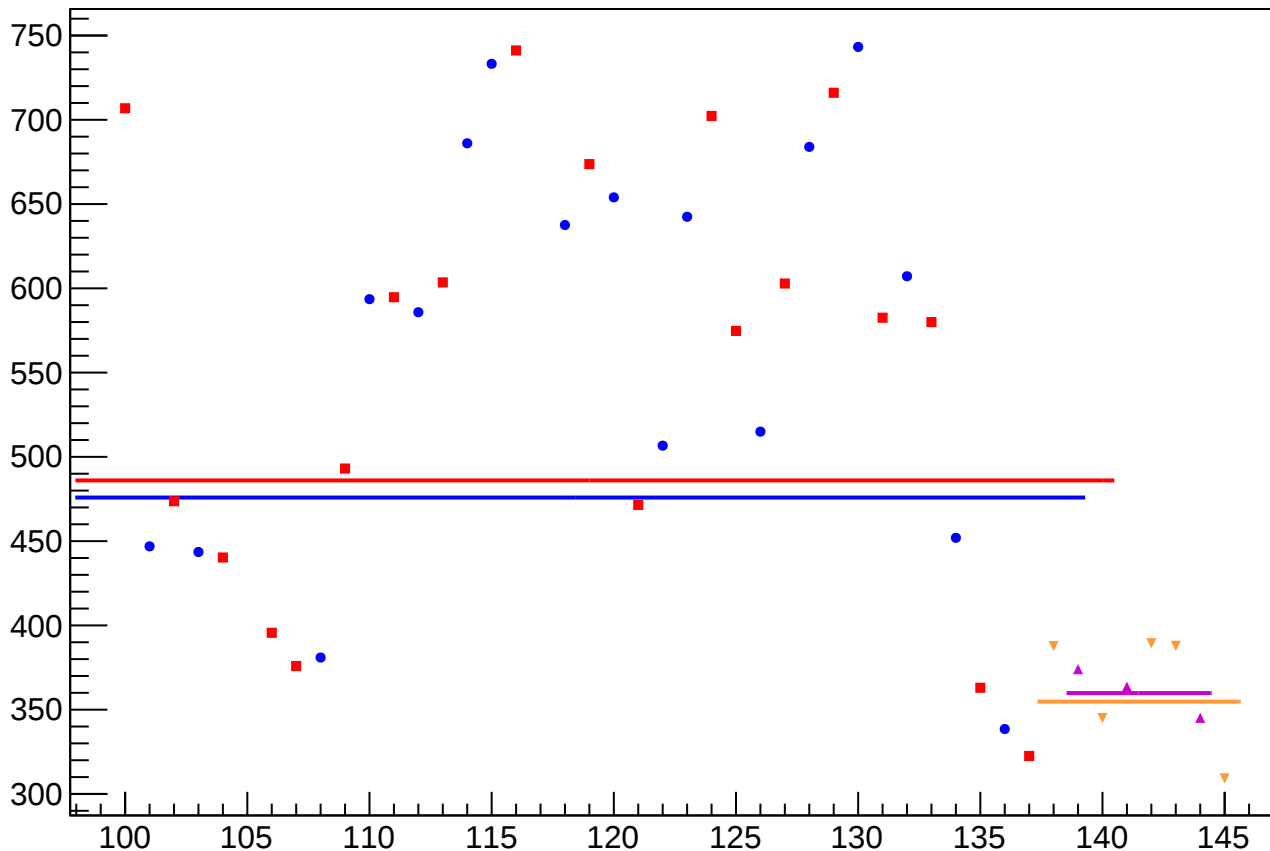
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -287.781 ± 146.007 $\chi^2/\text{NDF}: 17.9/19$

Out: -61.746 ± 133.594 $\chi^2/\text{NDF}: 23.5/23$

All: -164.748 ± 98.562 $\chi^2/\text{NDF}: 42.6/43$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 354.766+/-0.135 χ^2/NDF :63154.2/4

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 359.860+/-0.161 χ^2/NDF :5528.0/2

Left: 356.857+/-0.103 χ^2/NDF : 69268.6/7

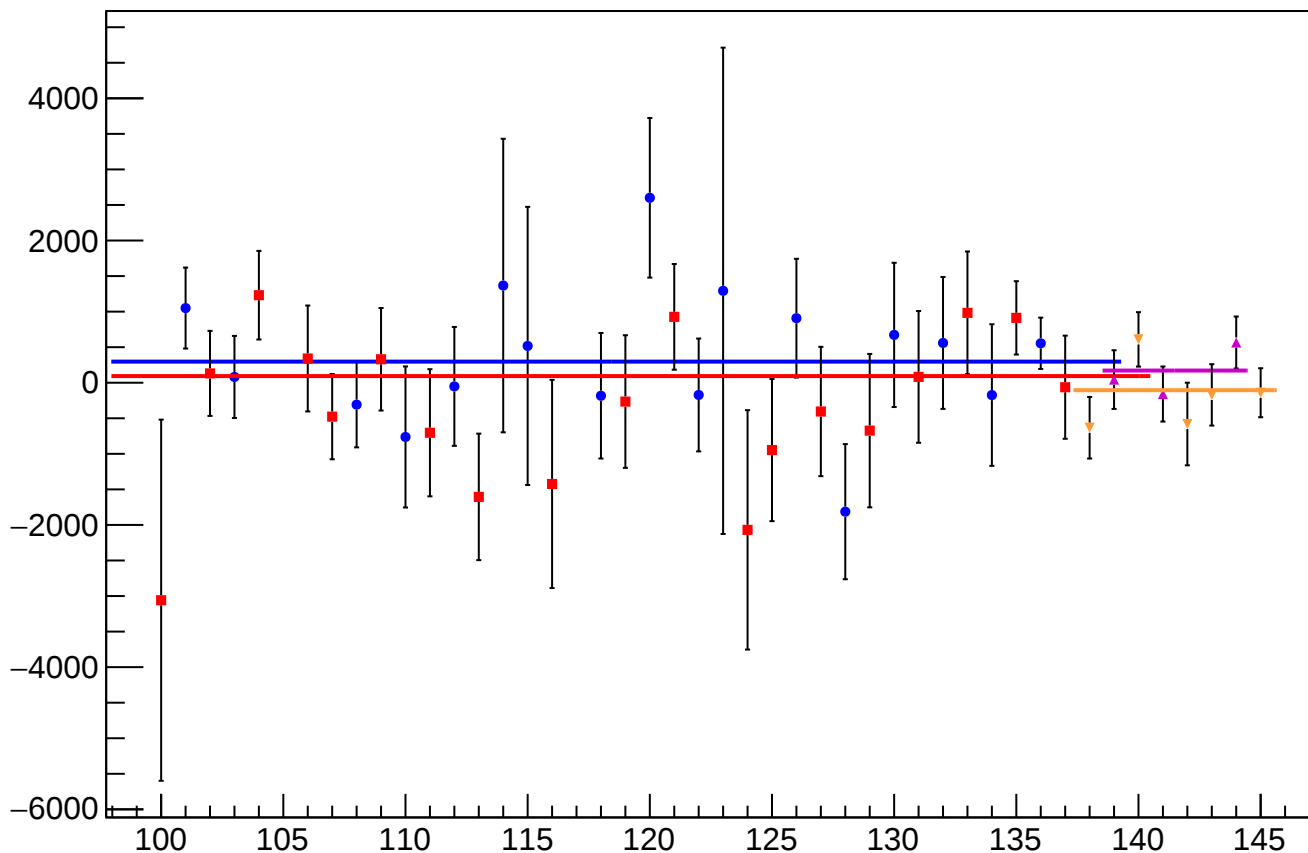
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 428.448+/-0.103 χ^2/NDF :1148489.4/19

Out: 421.527+/-0.094 χ^2/NDF :1275698.4/23

All: 424.681+/-0.070 χ^2/NDF : 2426633.9/43

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -104.907 $\pm$ 186.002 χ^2 /NDF:5.7/4

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 171.287 $\pm$ 223.357 χ^2 /NDF:2.0/2

Left: 8.195 $\pm$ 142.931 χ^2 /NDF: 8.6/7

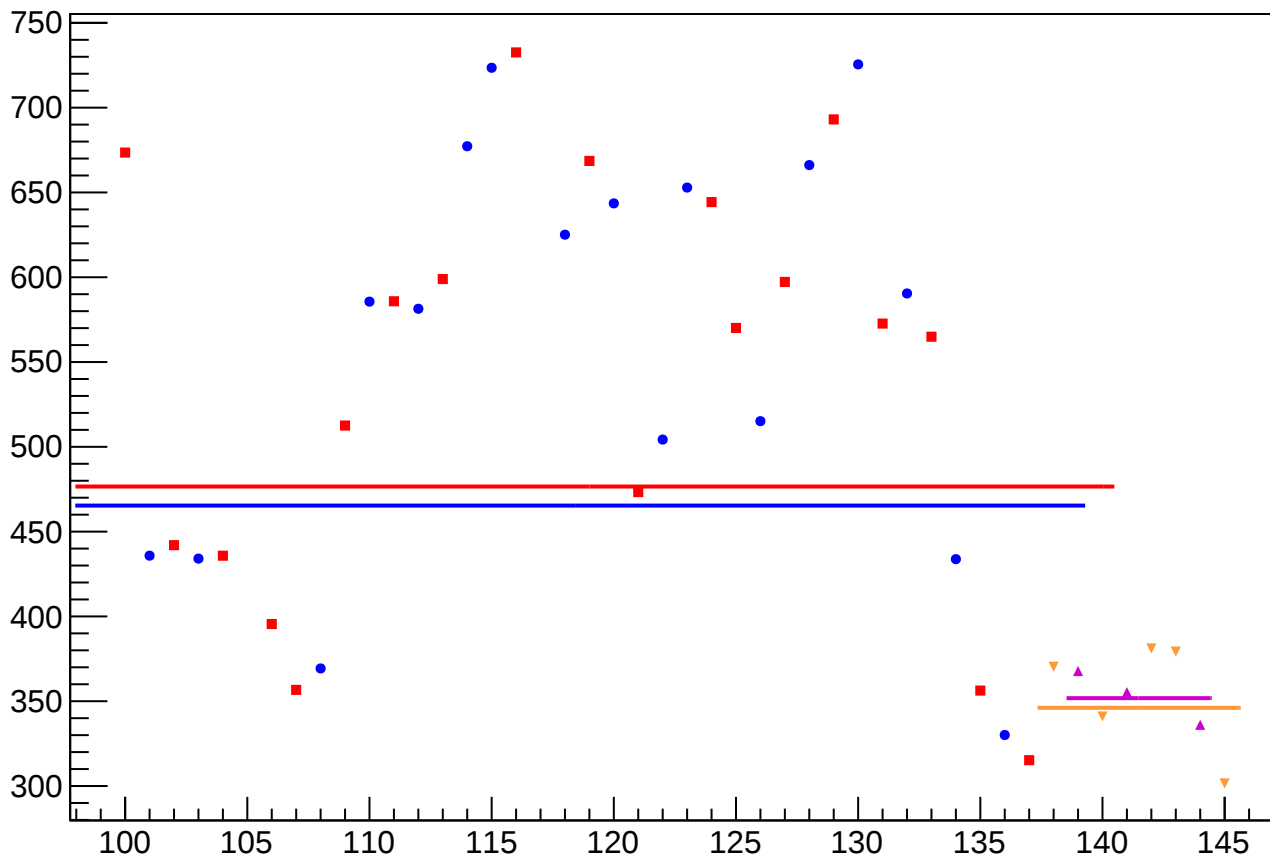
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 245.519 $\pm$ 142.919 χ^2 /NDF:18.0/19

Out: -4.573 $\pm$ 130.780 χ^2 /NDF:26.3/23

All: 109.402 $\pm$ 96.482 χ^2 /NDF: 46.0/43

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 346.133 $\pm$ 0.132 χ^2 /NDF: 59081.2/4

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 351.799 $\pm$ 0.158 χ^2 /NDF: 6871.5/2

Left: 348.453 $\pm$ 0.101 χ^2 /NDF: 66712.8/7

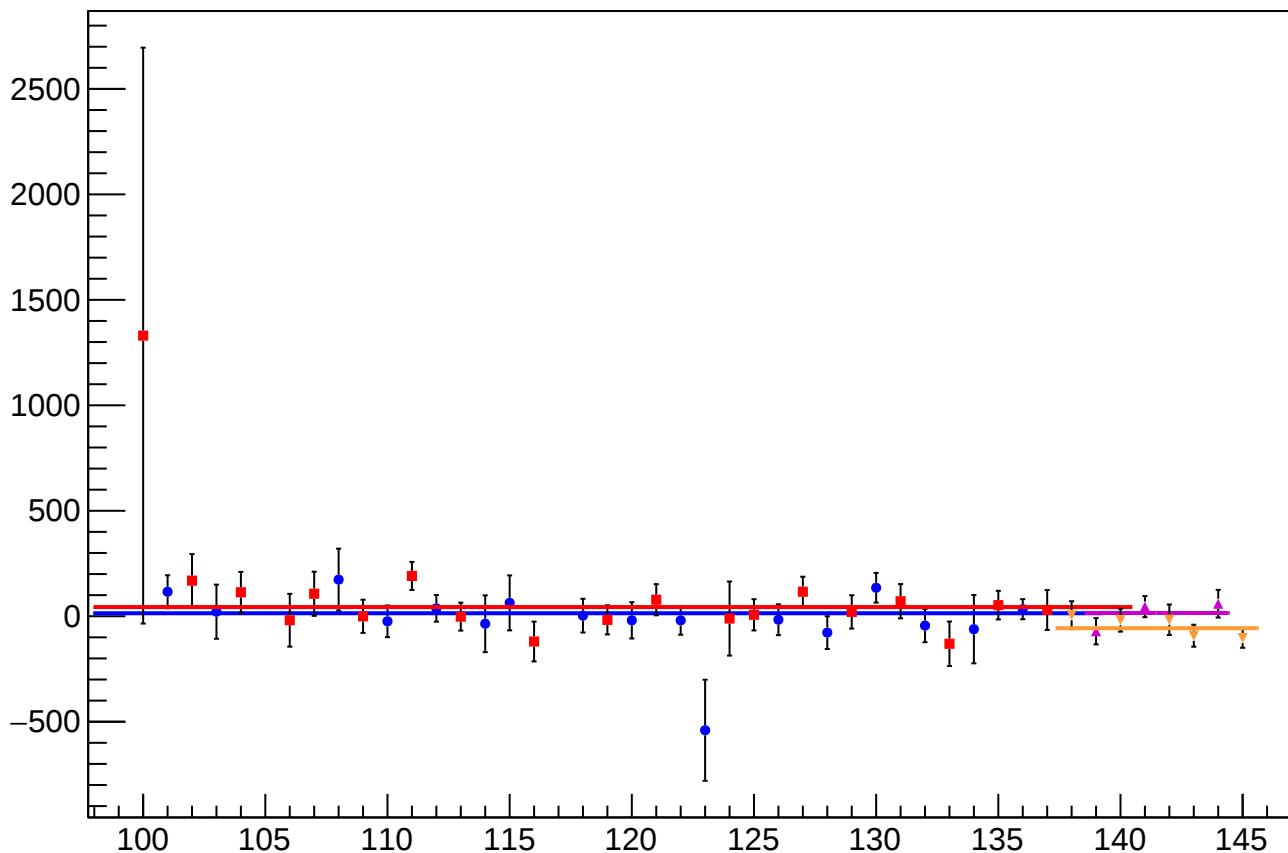
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 418.862 $\pm$ 0.101 χ^2 /NDF: 1172588.9/19

Out: 412.101 $\pm$ 0.092 χ^2 /NDF: 1309547.0/23

All: 415.182 $\pm$ 0.068 χ^2 /NDF: 2484572.3/43

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -56.772+/-25.046 χ^2/NDF : 3.2/4

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: 15.412+/-33.540 χ^2/NDF : 2.7/2

Left: -30.930+/-20.068 χ^2/NDF : 8.9/7

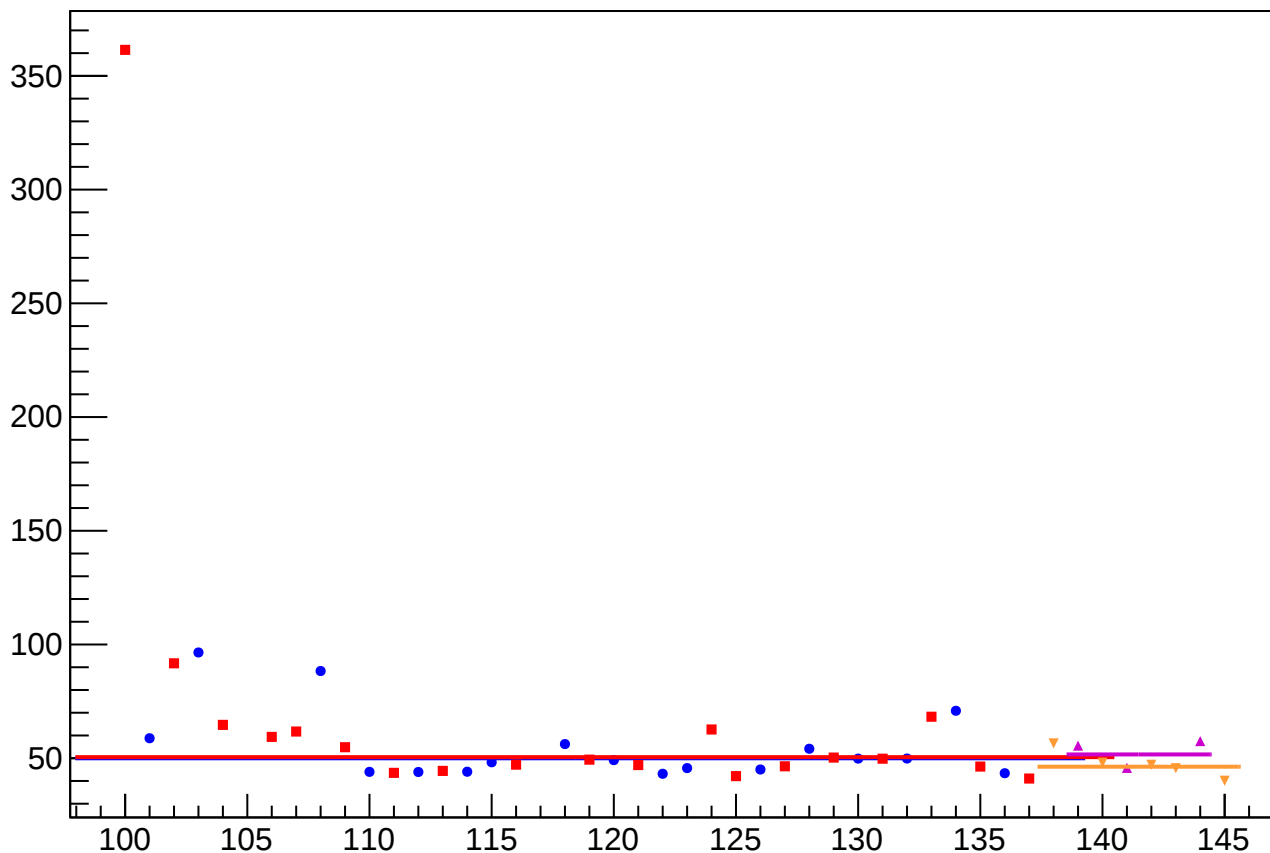
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: 14.554+/-17.093 χ^2/NDF : 17.5/19

Out: 5.364+/-15.459 χ^2/NDF : 30.1/23

All: 9.499+/-11.465 χ^2/NDF : 47.8/43

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 46.275+/-0.018 χ^2/NDF : 86271.6/4

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 51.665+/-0.024 χ^2/NDF : 51591.9/2

Left: 48.205+/-0.014 χ^2/NDF : 171017.5/7

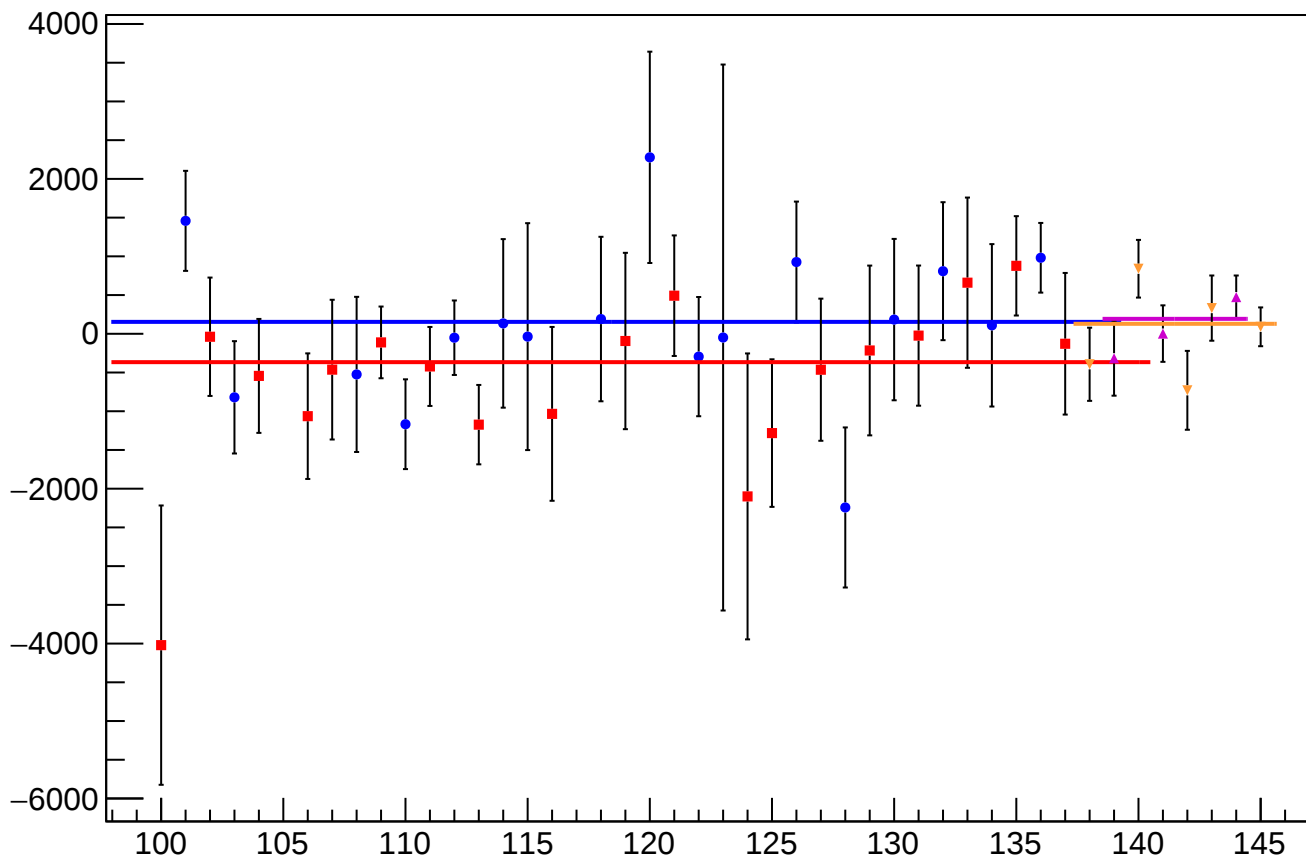
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 50.412+/-0.012 χ^2/NDF : 634108.3/19

Out: 48.873+/-0.011 χ^2/NDF : 692336.3/23

All: 49.566+/-0.008 χ^2/NDF : 1335363.2/43

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 128.732 $\pm$ 164.119 χ^2 /NDF:8.0/4

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 192.929 $\pm$ 201.384 χ^2 /NDF:2.4/2

Left: 154.353 $\pm$ 127.222 χ^2 /NDF: 10.4/7

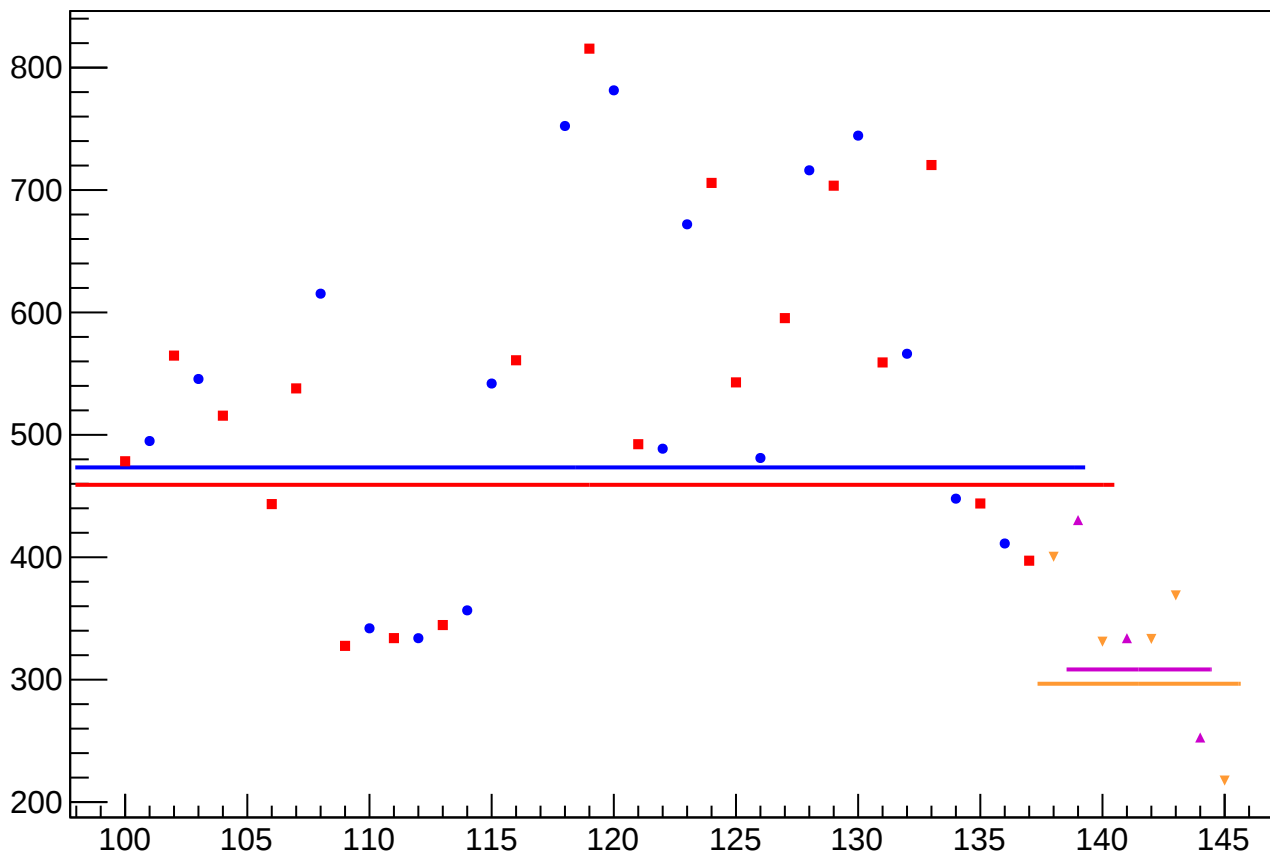
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 172.246 $\pm$ 138.185 χ^2 /NDF:27.2/19

Out: -97.471 $\pm$ 120.940 χ^2 /NDF:28.3/23

All: 19.517 $\pm$ 91.008 χ^2 /NDF: 57.7/43

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 296.677 $\pm$ 0.116 χ^2 /NDF: 382042.7/4

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 308.353 $\pm$ 0.142 χ^2 /NDF: 216776.7/2

Left: 301.337 $\pm$ 0.090 χ^2 /NDF: 602859.5/7

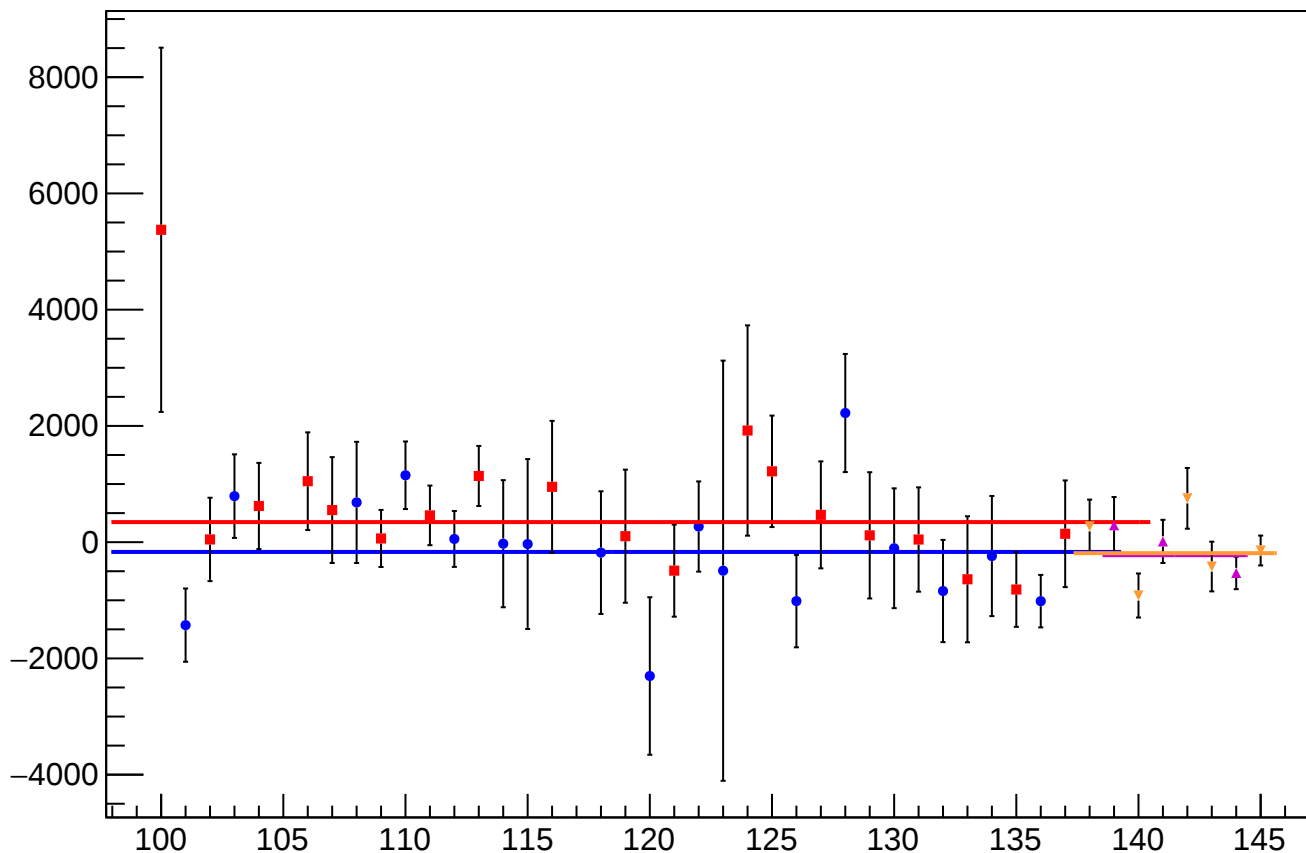
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 395.692 $\pm$ 0.098 χ^2 /NDF: 1842616.6/19

Out: 370.935 $\pm$ 0.086 χ^2 /NDF: 2284555.7/23

All: 381.674 $\pm$ 0.064 χ^2 /NDF: 4163523.1/43

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -189.096 ± 166.707 $\chi^2/\text{NDF}: 8.3/4$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -224.120 ± 202.830 $\chi^2/\text{NDF}: 2.7/2$

Left: -203.217 ± 128.789 $\chi^2/\text{NDF}: 11.0/7$

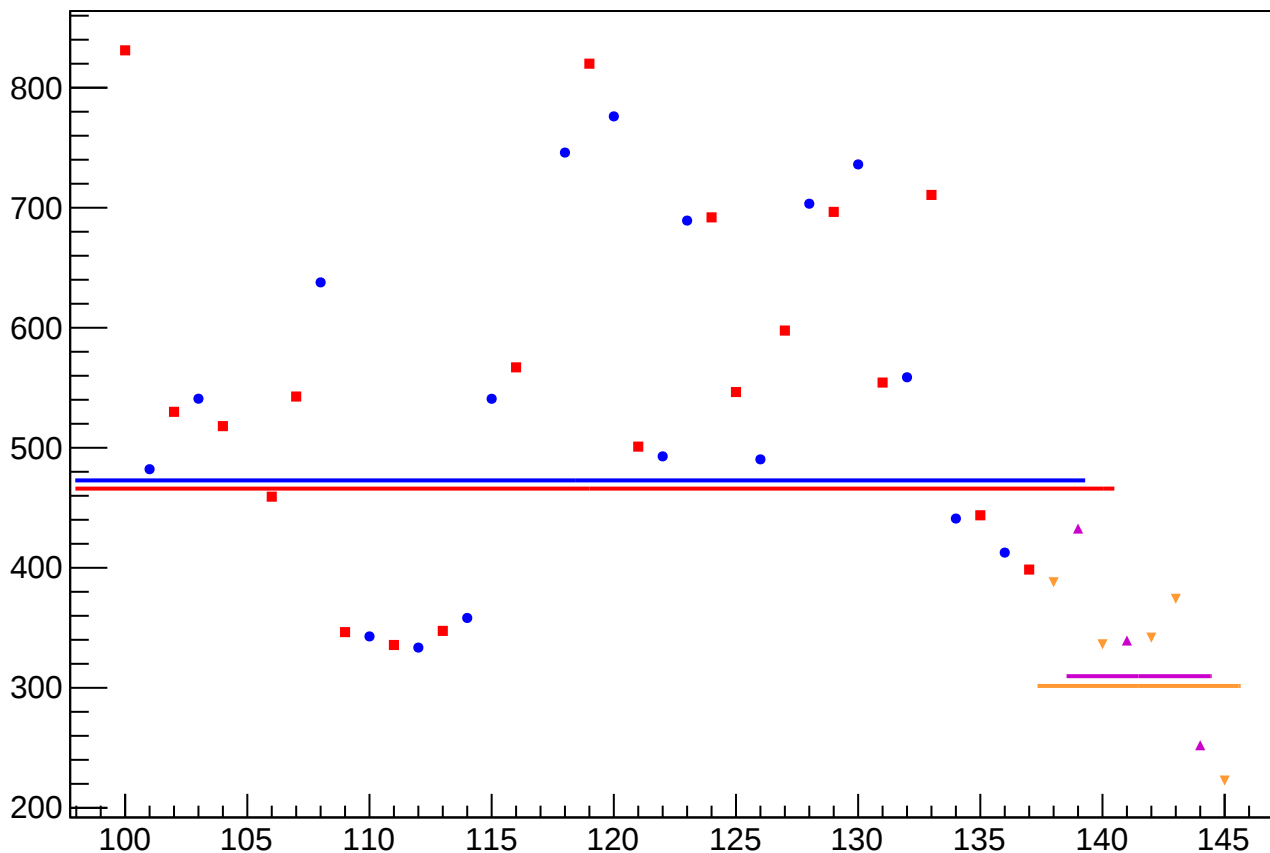
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -194.220 ± 138.570 $\chi^2/\text{NDF}: 28.2/19$

Out: 55.881 ± 122.701 $\chi^2/\text{NDF}: 26.7/23$

All: -54.034 ± 91.863 $\chi^2/\text{NDF}: 56.7/43$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 301.562 $\pm$ 0.118 χ^2 /NDF:345397.0/4

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 309.705 $\pm$ 0.143 χ^2 /NDF:225882.0/2

Left: 304.845 $\pm$ 0.091 χ^2 /NDF: 573202.7/7

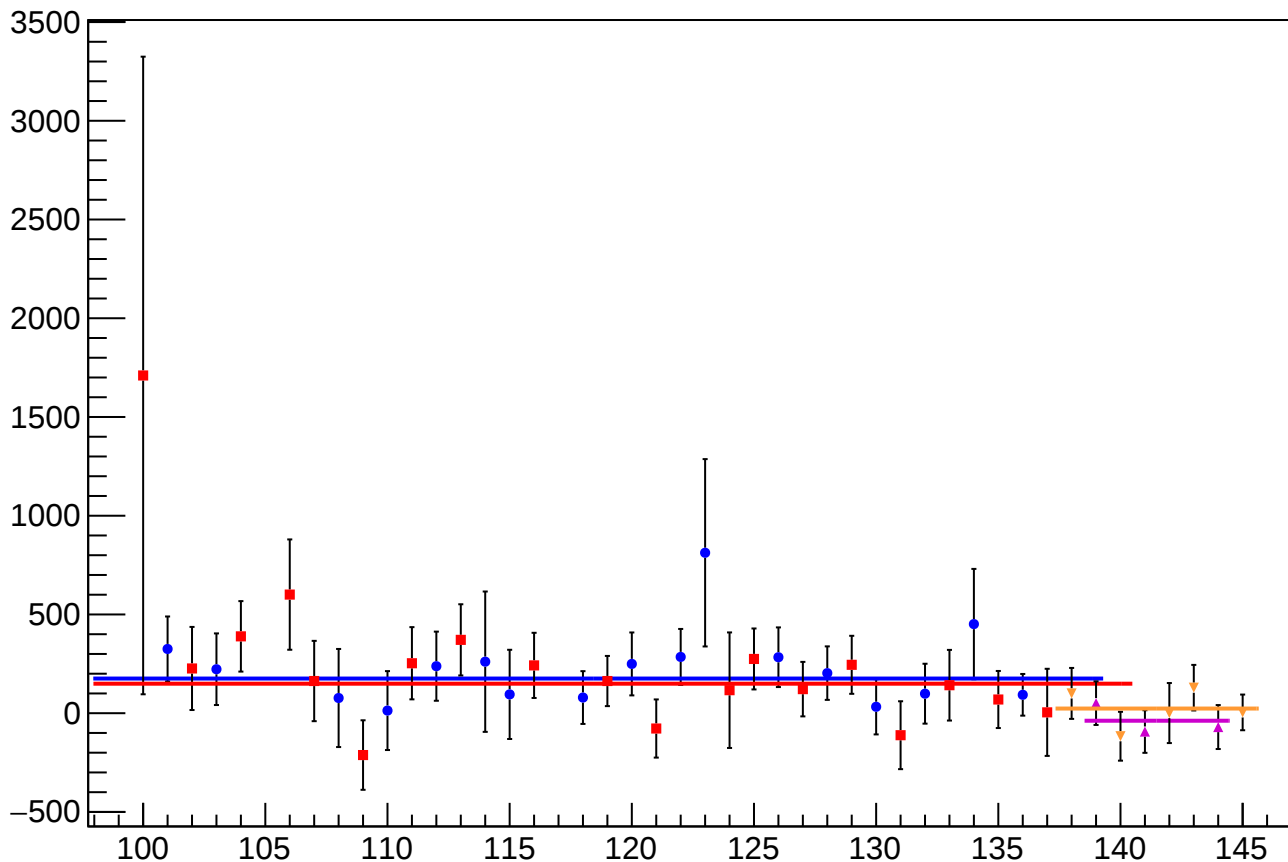
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 396.688 $\pm$ 0.098 χ^2 /NDF:1812003.0/19

Out: 376.912 $\pm$ 0.087 χ^2 /NDF:2179026.1/23

All: 385.603 $\pm$ 0.065 χ^2 /NDF: 4013860.8/43

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: 23.577 ± 52.251 χ^2/NDF : 2.5/4

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -38.124 ± 63.388 χ^2/NDF : 1.0/2

Left: -1.386 ± 40.319 χ^2/NDF : 4.1/7

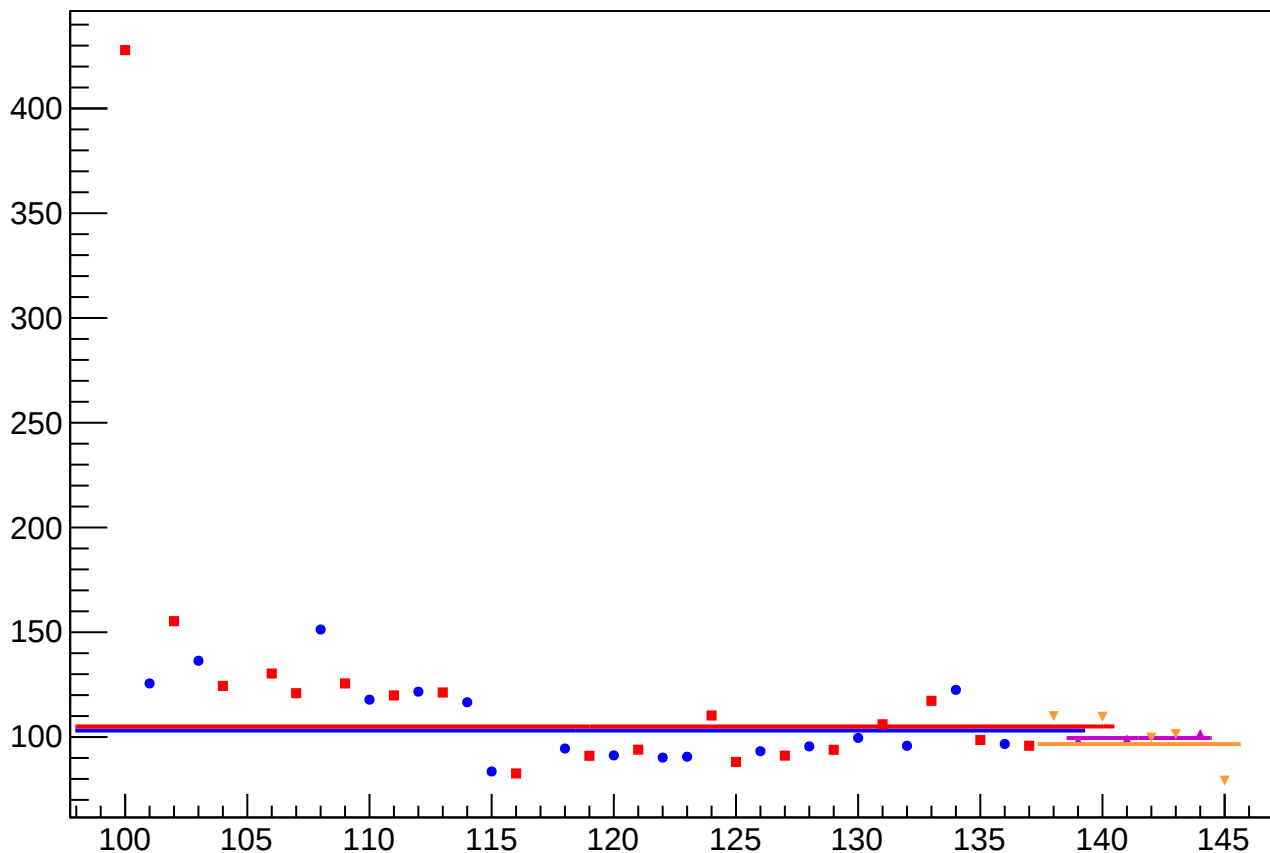
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 113.858 ± 34.044 χ^2/NDF : 17.7/19

Out: 102.453 ± 31.921 χ^2/NDF : 24.6/23

All: 107.789 ± 23.286 χ^2/NDF : 42.3/43

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 96.640 $\pm$ 0.037 χ^2 /NDF:122479.6/4

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 99.515 $\pm$ 0.045 χ^2 /NDF:983.5/2

Left: 97.803 $\pm$ 0.029 χ^2 /NDF: 125912.3/7

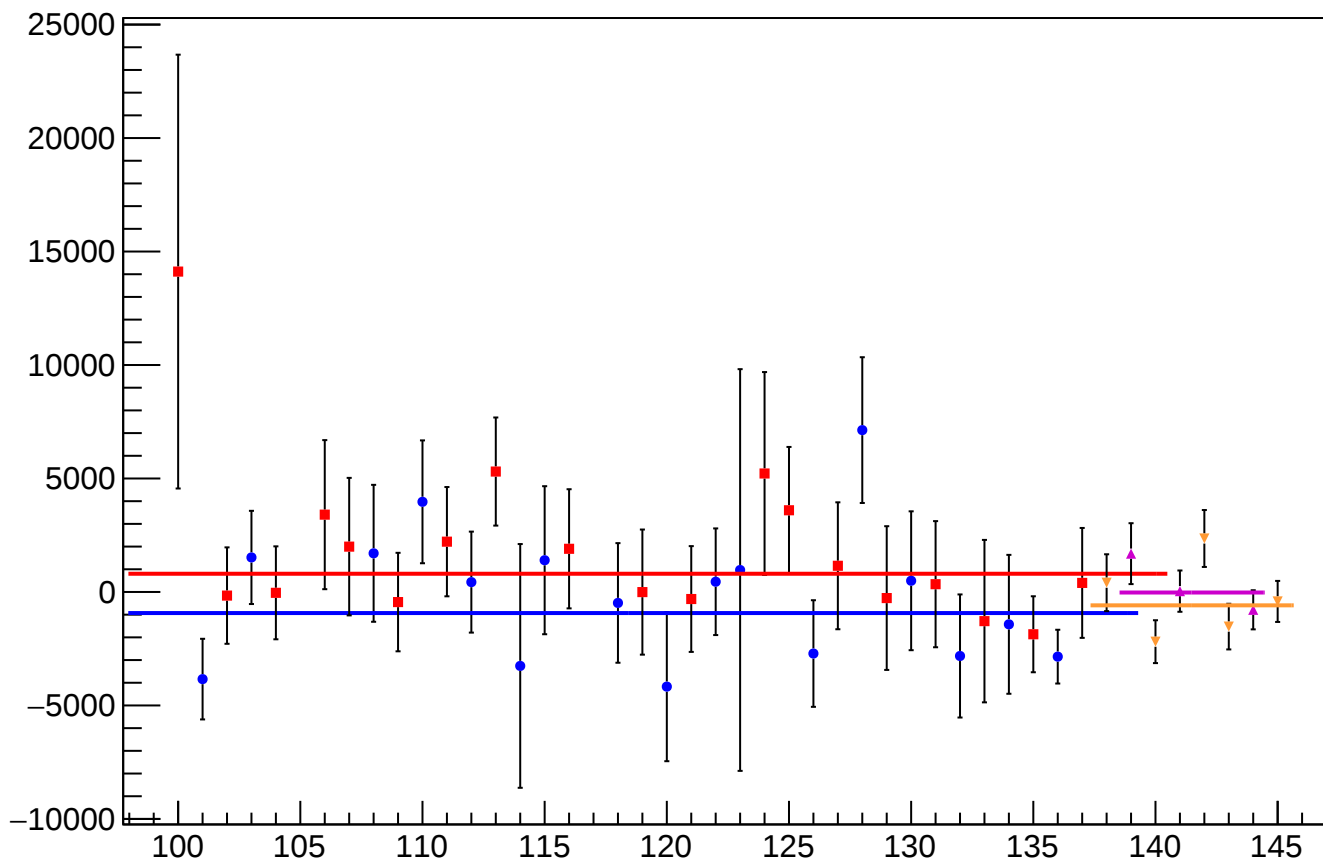
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 102.075 $\pm$ 0.024 χ^2 /NDF:312005.3/19

Out: 101.909 $\pm$ 0.023 χ^2 /NDF:603617.3/23

All: 101.986 $\pm$ 0.016 χ^2 /NDF: 915648.0/43

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -589.129+/-465.948 χ^2/NDF : 9.9/4

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -24.171+/-566.989 χ^2/NDF : 2.4/2

Left: -361.390+/-359.986 χ^2/NDF : 12.9/7

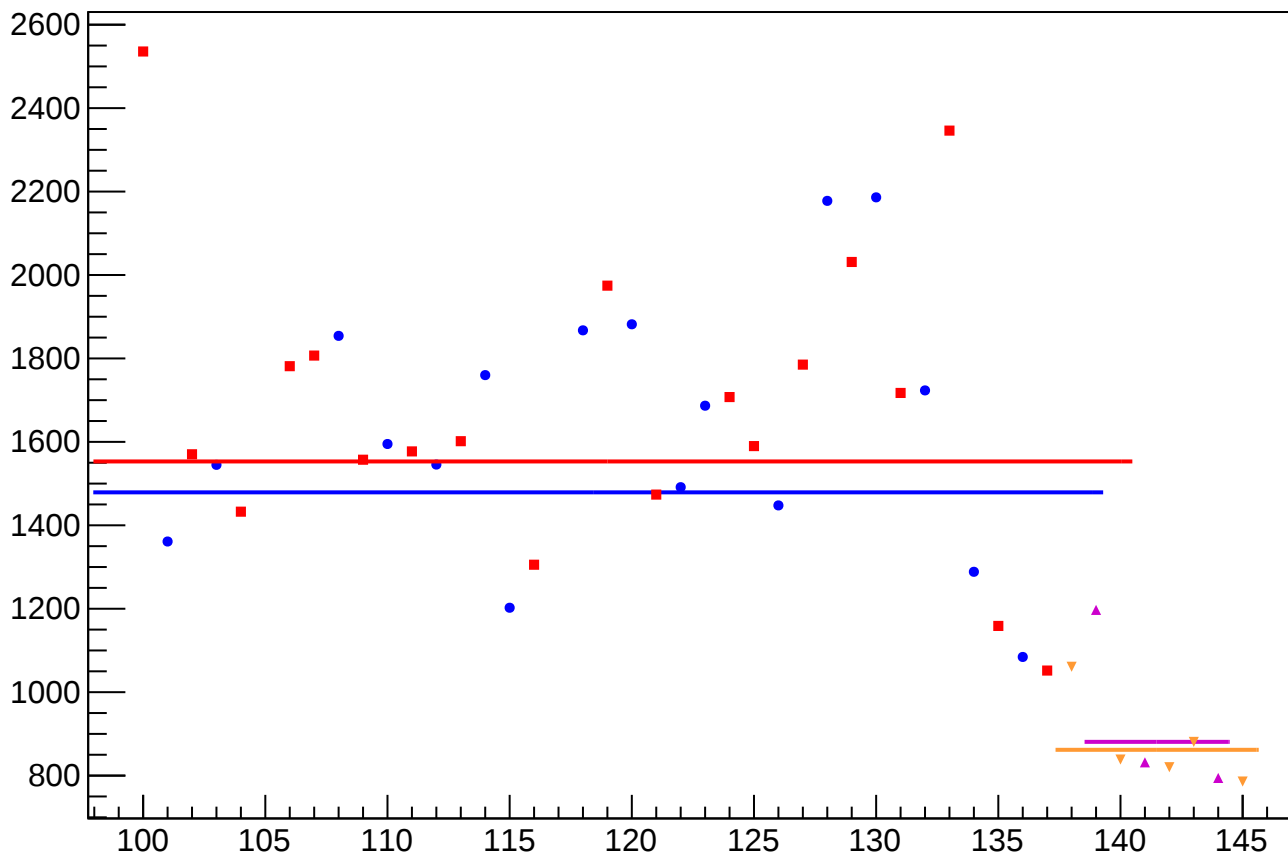
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -460.892+/-407.802 χ^2/NDF : 24.5/19

Out: -58.673+/-366.569 χ^2/NDF : 26.2/23

All: -238.426+/-272.619 χ^2/NDF : 51.2/43

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 861.834+/-0.329 χ^2/NDF : 68824.0/4

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 880.907+/-0.401 χ^2/NDF : 137168.8/2

Left: 869.523+/-0.255 χ^2/NDF : 207343.7/7

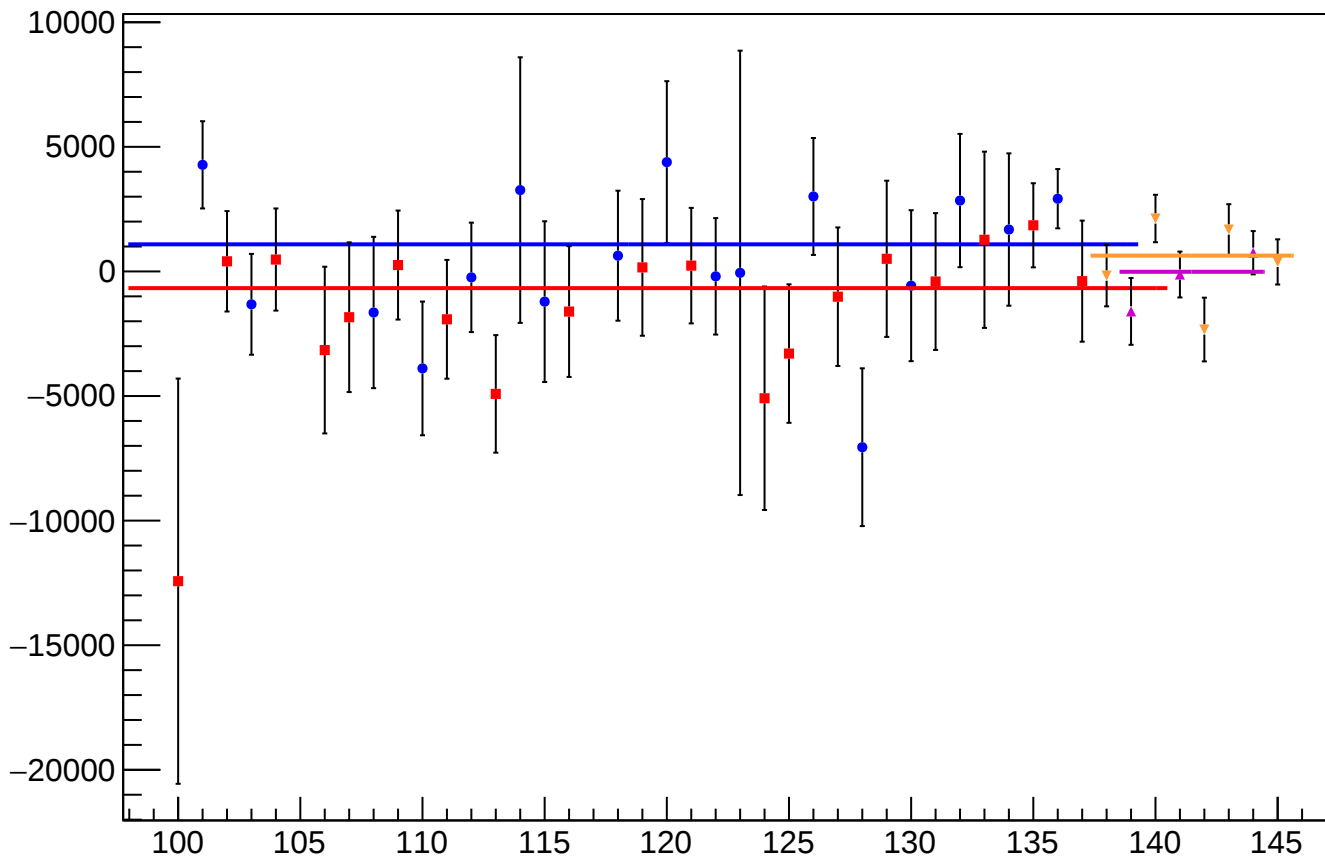
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1169.597+/-0.288 χ^2/NDF : 1800963.6/19

Out: 1125.251+/-0.259 χ^2/NDF : 2229971.6/23

All: 1145.070+/-0.193 χ^2/NDF : 4044016.1/43

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 634.279 $\pm$ 468.666 χ^2 /NDF:9.4/4

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -13.947 $\pm$ 571.594 χ^2 /NDF:2.2/2

Left: 373.682 $\pm$ 362.417 χ^2 /NDF: 12.3/7

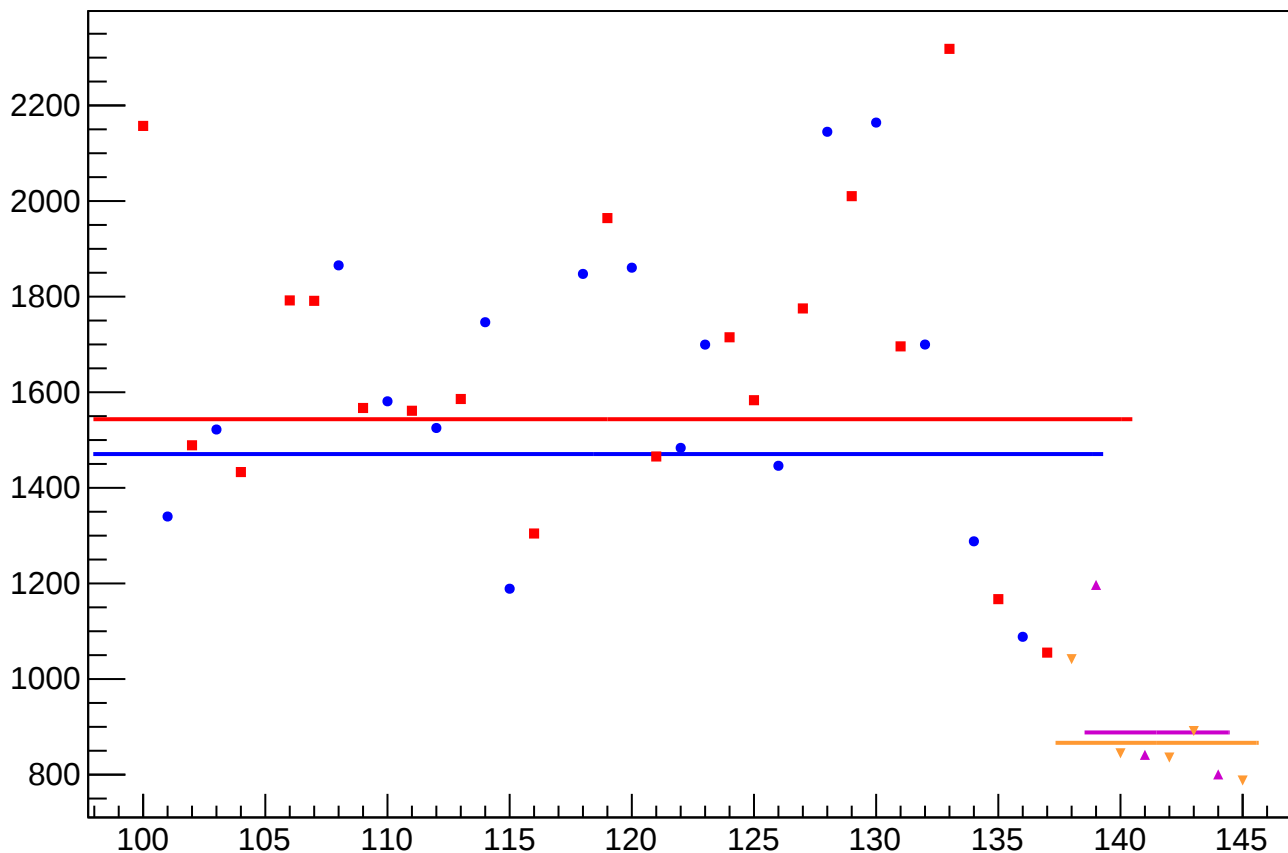
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 525.827 $\pm$ 408.263 χ^2 /NDF:25.8/19

Out: 129.607 $\pm$ 366.974 χ^2 /NDF:24.4/23

All: 306.674 $\pm$ 272.923 χ^2 /NDF: 50.8/43

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 866.592 $\pm$ 0.331 χ^2 /NDF: 58797.9/4

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 888.290 $\pm$ 0.404 χ^2 /NDF: 131475.4/2

Left: 875.315 $\pm$ 0.256 χ^2 /NDF: 191996.7/7

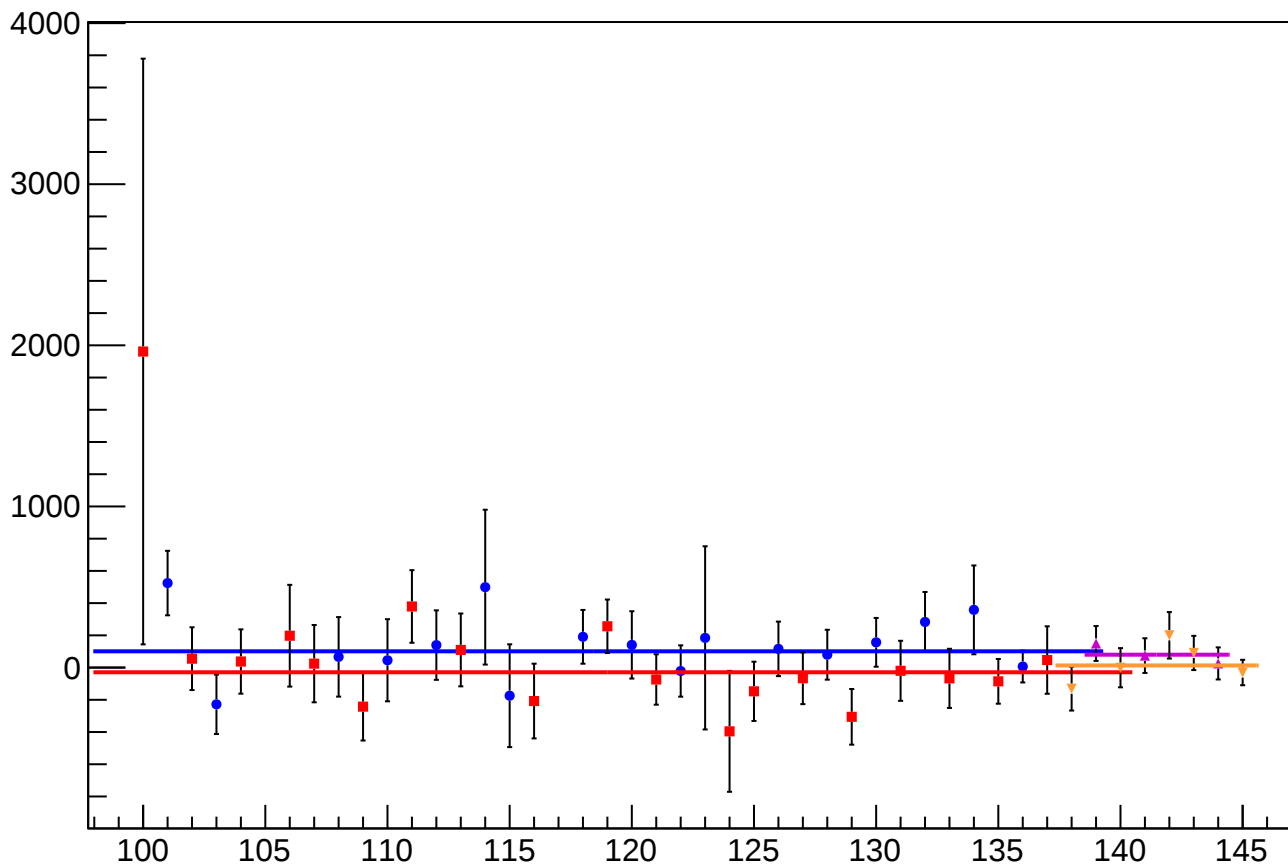
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1173.571 $\pm$ 0.289 χ^2 /NDF: 1716254.0/19

Out: 1128.511 $\pm$ 0.259 χ^2 /NDF: 2127616.3/23

All: 1148.648 $\pm$ 0.193 χ^2 /NDF: 3857345.8/43

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: 13.248 ± 48.844 $\chi^2/\text{NDF}: 3.7/4$

Right Out: -29.152 ± 45.695 $\chi^2/\text{NDF}: 14.7/18$

Left In: 79.903 ± 60.581 $\chi^2/\text{NDF}: 0.7/2$

Left: 39.507 ± 38.024 $\chi^2/\text{NDF}: 5.1/7$

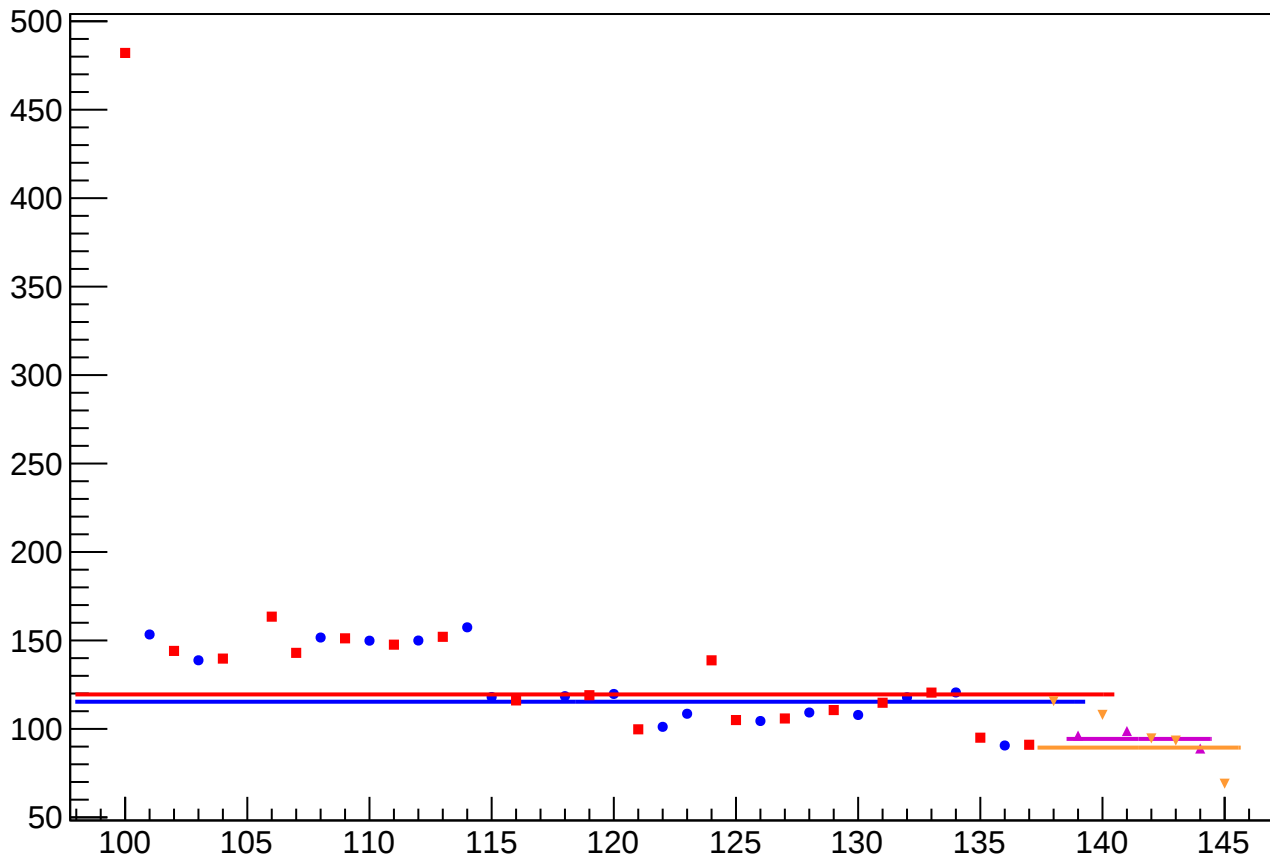
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 93.385 ± 36.271 $\chi^2/\text{NDF}: 13.8/19$

Out: -9.362 ± 33.369 $\chi^2/\text{NDF}: 18.8/23$

All: 37.738 ± 24.557 $\chi^2/\text{NDF}: 36.9/43$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 ± 0.032 χ^2/NDF : 411362.6/16

Left Out: 89.439 ± 0.035 χ^2/NDF : 260182.9/4

Right Out: 119.492 ± 0.032 χ^2/NDF : 477965.0/18

Left In: 94.346 ± 0.043 χ^2/NDF : 9984.6/2

Left: 91.372 ± 0.027 χ^2/NDF : 278119.5/7

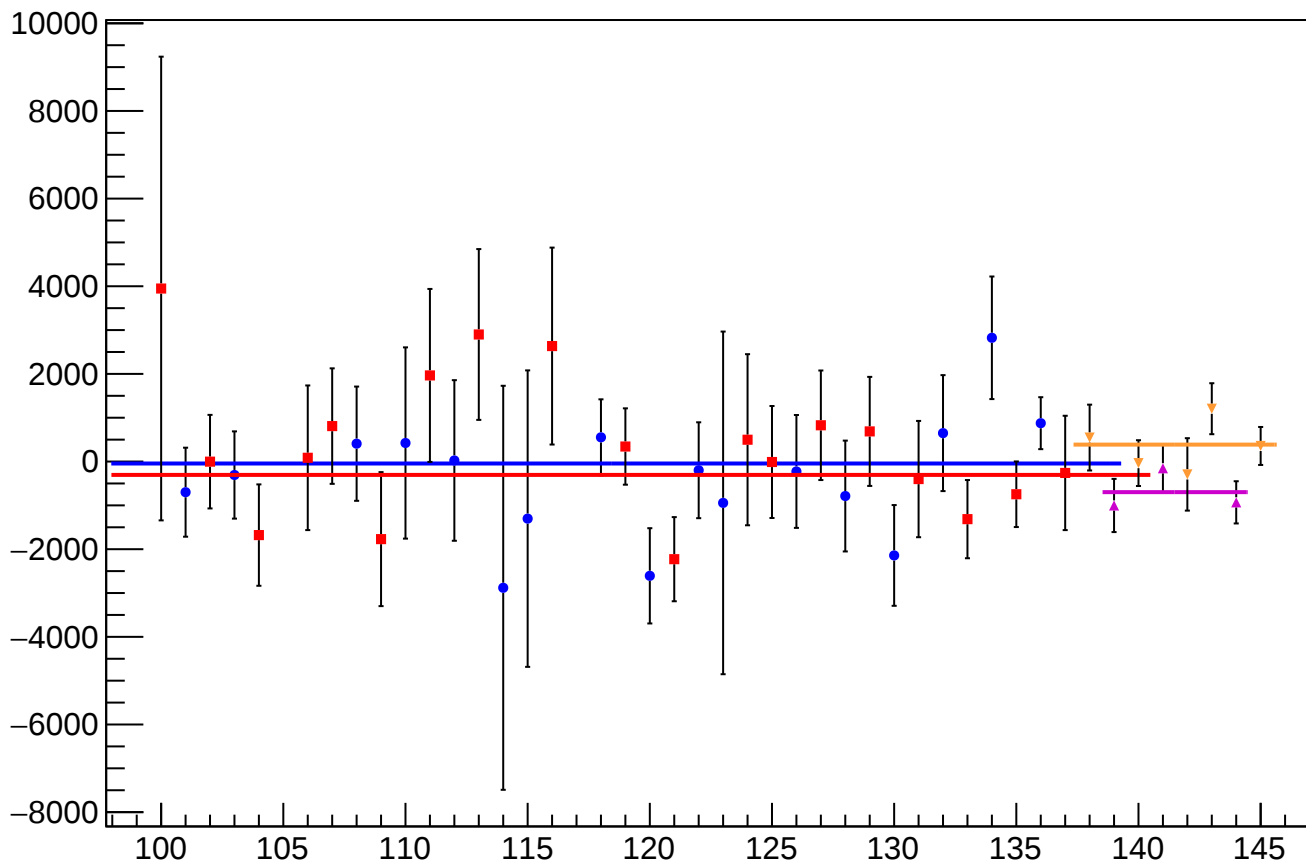
Right: 117.411 ± 0.023 χ^2/NDF : 897552.7/35

In: 107.831 ± 0.026 χ^2/NDF : 575831.8/19

Out: 105.465 ± 0.024 χ^2/NDF : 1141926.8/23

All: 106.550 ± 0.017 χ^2/NDF : 1722368.9/43

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: 386.560 ± 256.629 $\chi^2/\text{NDF}: 3.4/4$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -698.065 ± 310.323 $\chi^2/\text{NDF}: 1.5/2$

Left: -53.945 ± 197.765 $\chi^2/\text{NDF}: 12.1/7$

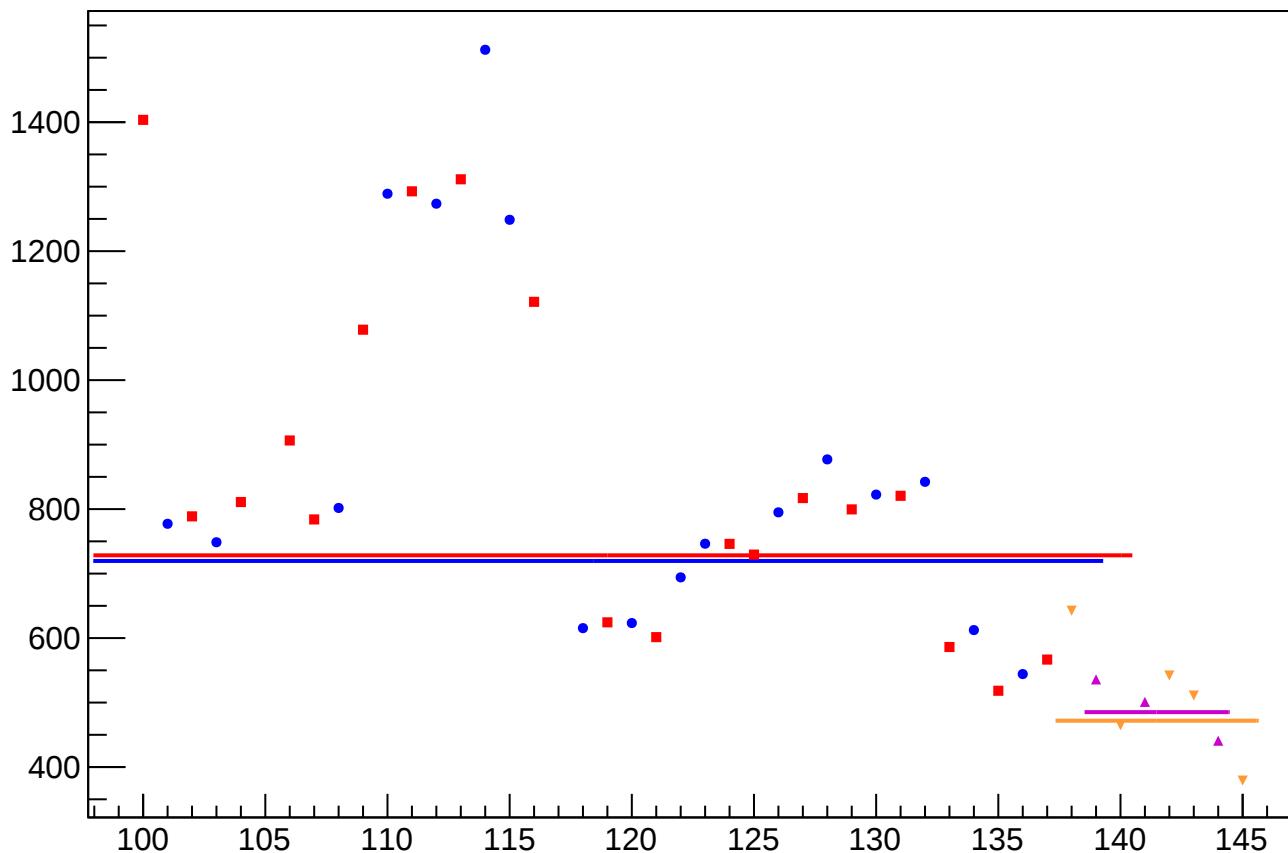
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -345.020 ± 210.419 $\chi^2/\text{NDF}: 21.7/19$

Out: 74.234 ± 190.017 $\chi^2/\text{NDF}: 24.1/23$

All: -114.087 ± 141.025 $\chi^2/\text{NDF}: 48.0/43$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 471.897 $\pm$ 0.181 χ^2 /NDF: 218845.4/4

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 485.175 $\pm$ 0.219 χ^2 /NDF: 32623.6/2

Left: 477.289 $\pm$ 0.140 χ^2 /NDF: 253643.4/7

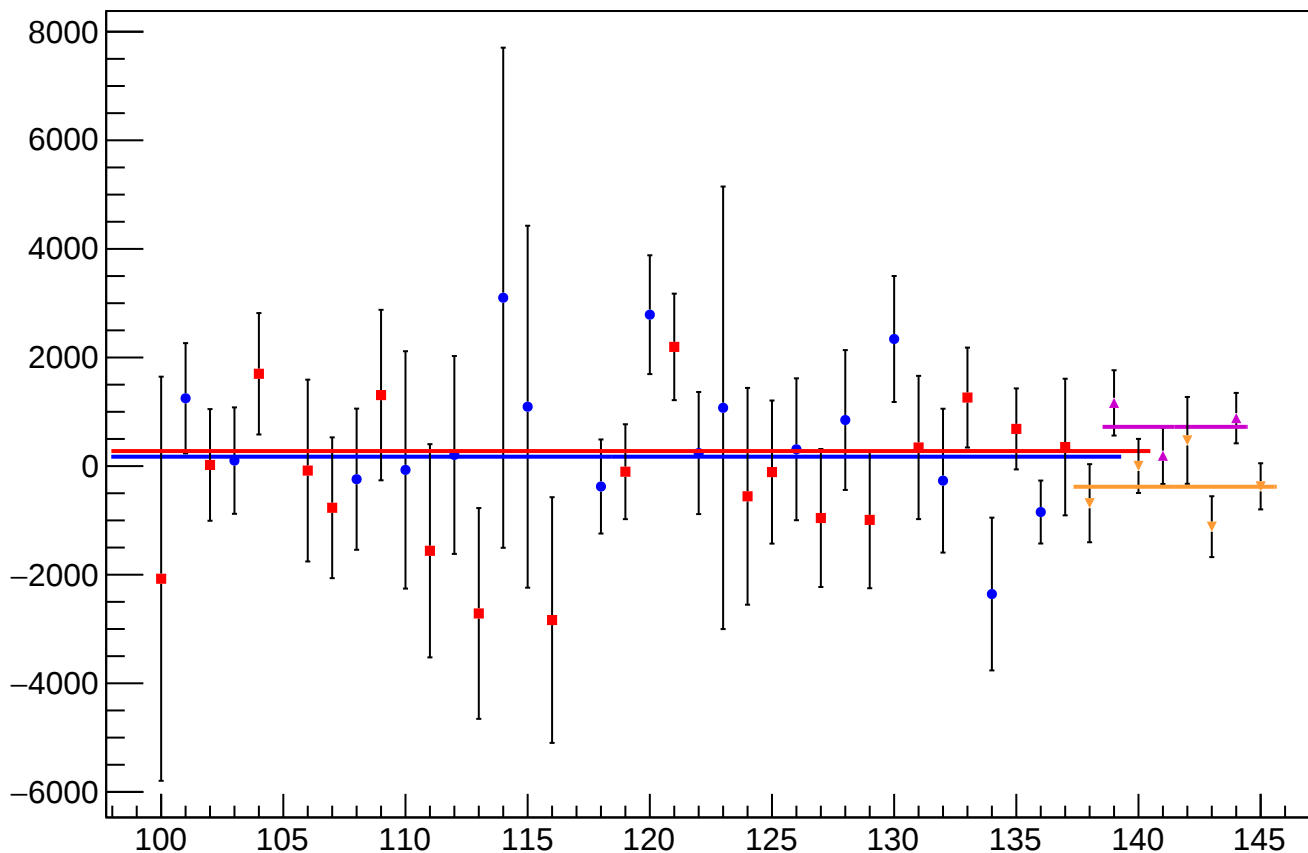
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 611.821 $\pm$ 0.149 χ^2 /NDF: 1396180.5/19

Out: 587.743 $\pm$ 0.134 χ^2 /NDF: 2034659.0/23

All: 598.558 $\pm$ 0.100 χ^2 /NDF: 3445264.0/43

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -380.241 $\pm$ 248.035 χ^2 /NDF:3.6/4

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 722.828 $\pm$ 300.054 χ^2 /NDF:1.7/2

Left: 67.537 $\pm$ 191.174 χ^2 /NDF: 13.4/7

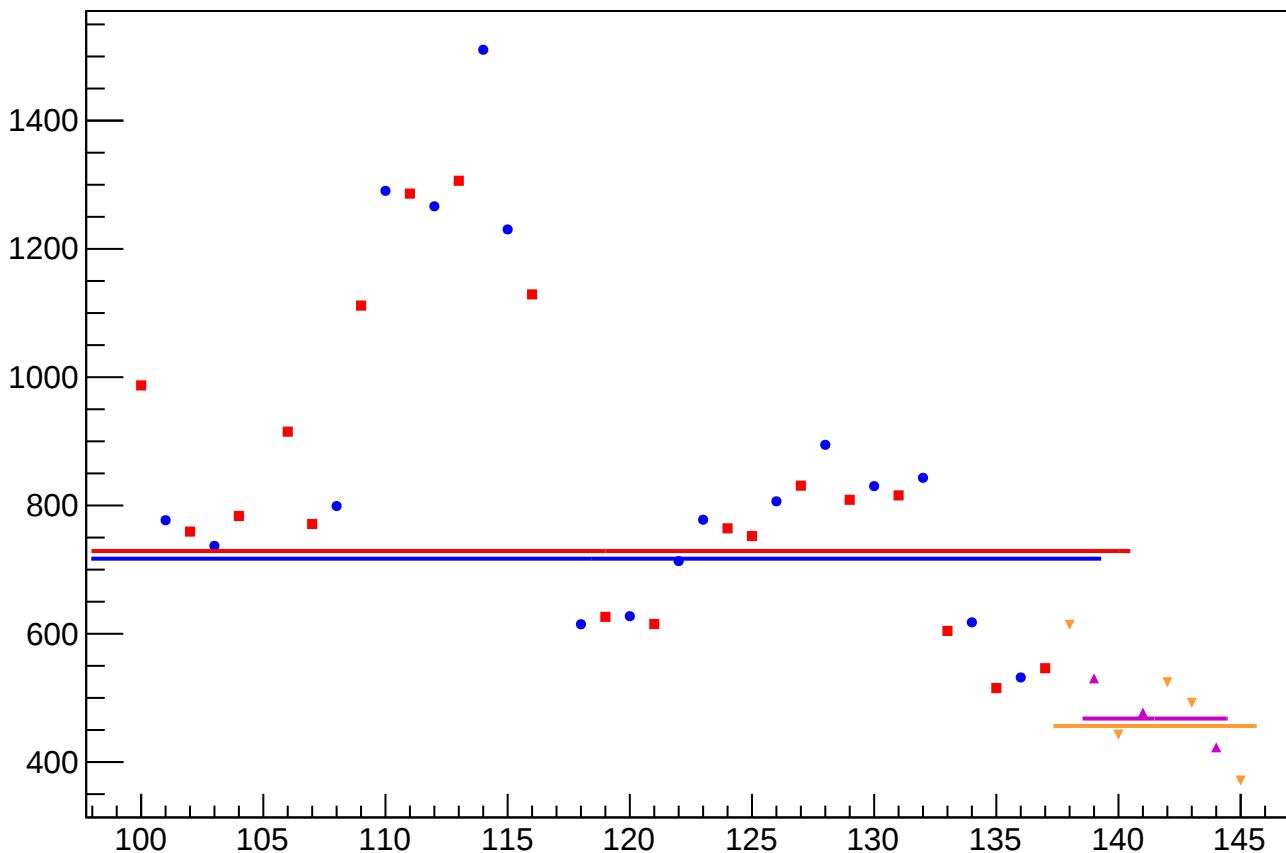
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 434.517 $\pm$ 206.898 χ^2 /NDF:21.6/19

Out: -94.332 $\pm$ 186.453 χ^2 /NDF:22.7/23

All: 142.679 $\pm$ 138.508 χ^2 /NDF: 47.9/43

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 456.240 $\pm$ 0.175 χ^2 /NDF: 200857.8/4

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 467.793 $\pm$ 0.212 χ^2 /NDF: 41021.8/2

Left: 460.930 $\pm$ 0.135 χ^2 /NDF: 243640.8/7

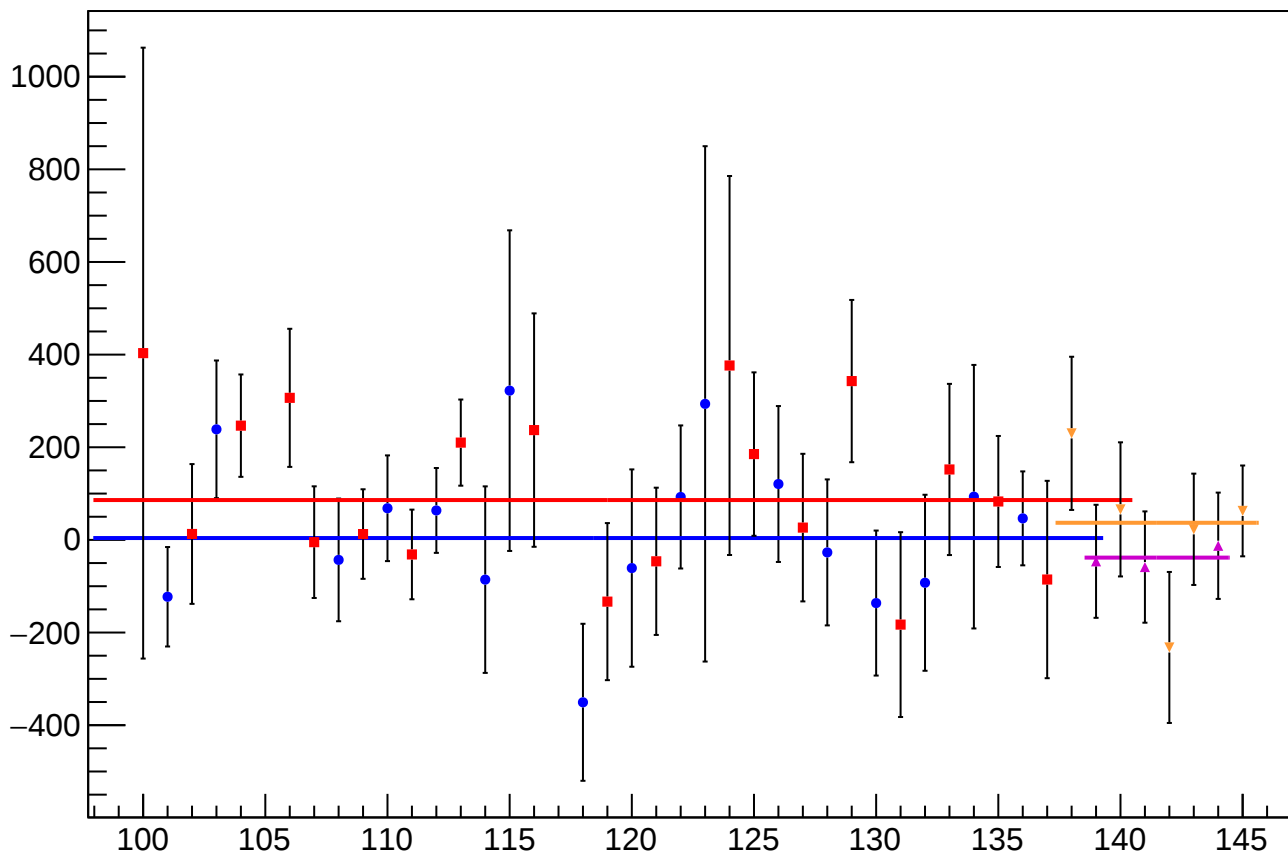
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 598.555 $\pm$ 0.146 χ^2 /NDF: 1547606.2/19

Out: 574.864 $\pm$ 0.132 χ^2 /NDF: 2143390.3/23

All: 585.481 $\pm$ 0.098 χ^2 /NDF: 3705467.6/43

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2 /NDF: 12.7/16

Left Out: 36.960 $\pm$ 58.201 χ^2 /NDF: 4.2/4

Right Out: 86.020 $\pm$ 33.370 χ^2 /NDF: 17.6/18

Left In: -38.262 $\pm$ 68.621 χ^2 /NDF: 0.1/2

Left: 5.488 $\pm$ 44.386 χ^2 /NDF: 5.0/7

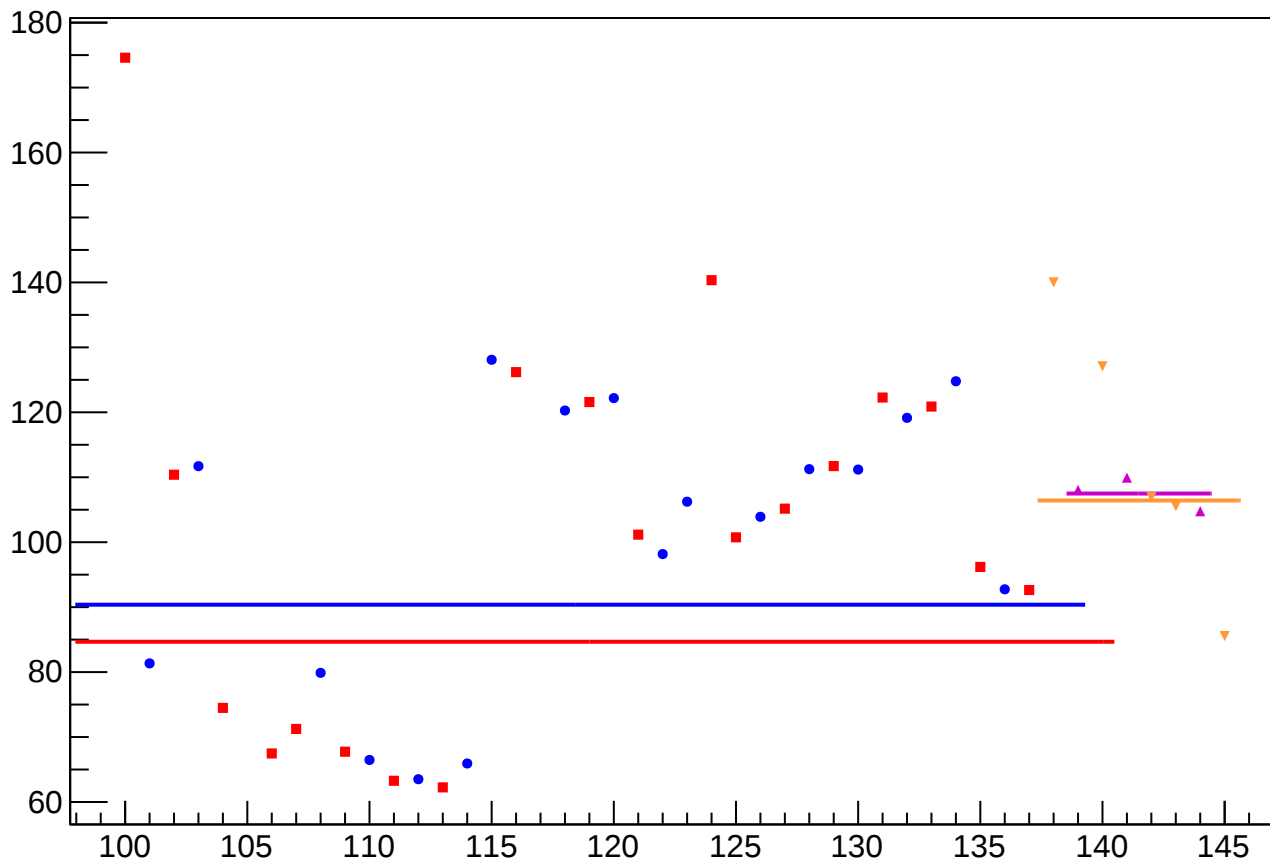
Right: 48.064 $\pm$ 24.458 χ^2 /NDF: 33.1/35

In: -5.093 $\pm$ 31.845 χ^2 /NDF: 13.1/19

Out: 73.882 $\pm$ 28.949 χ^2 /NDF: 22.3/23

All: 38.148 $\pm$ 21.421 χ^2 /NDF: 38.8/43

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2/NDF : 654139.7/16

Left Out: 106.424 $\pm$ 0.041 χ^2/NDF : 214069.2/4

Right Out: 84.673 $\pm$ 0.024 χ^2/NDF : 908123.4/18

Left In: 107.494 $\pm$ 0.049 χ^2/NDF : 1996.7/2

Left: 106.872 $\pm$ 0.031 χ^2/NDF : 216348.7/7

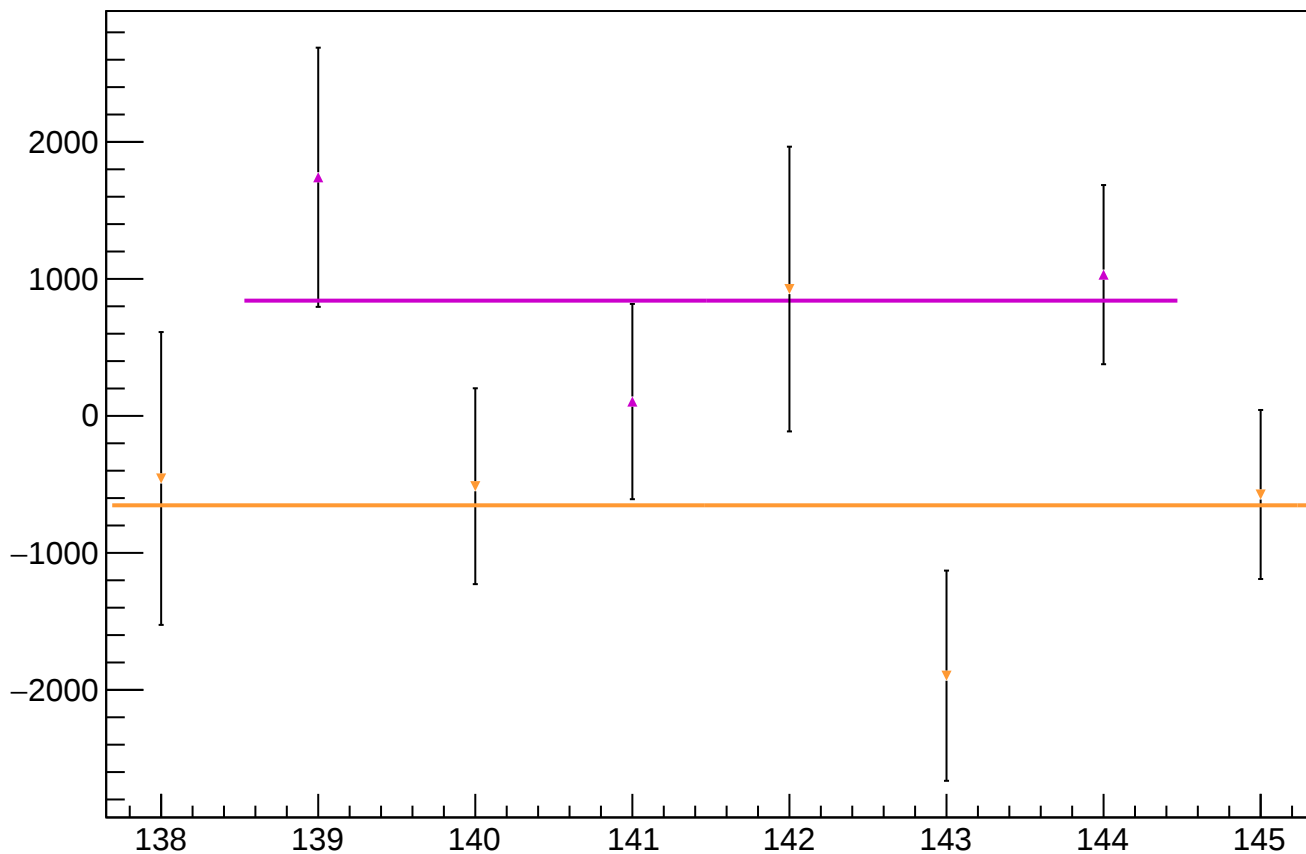
Right: 87.312 $\pm$ 0.017 χ^2/NDF : 1589292.9/35

In: 94.062 $\pm$ 0.023 χ^2/NDF : 753802.1/19

Out: 90.054 $\pm$ 0.020 χ^2/NDF : 1332428.5/23

All: 91.868 $\pm$ 0.015 χ^2/NDF : 2103572.9/43

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -652.637+/-351.710 χ^2/NDF : 5.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 841.369+/-429.365 χ^2/NDF : 2.1/2

Left: -52.715+/-272.081 χ^2/NDF : 14.3/7

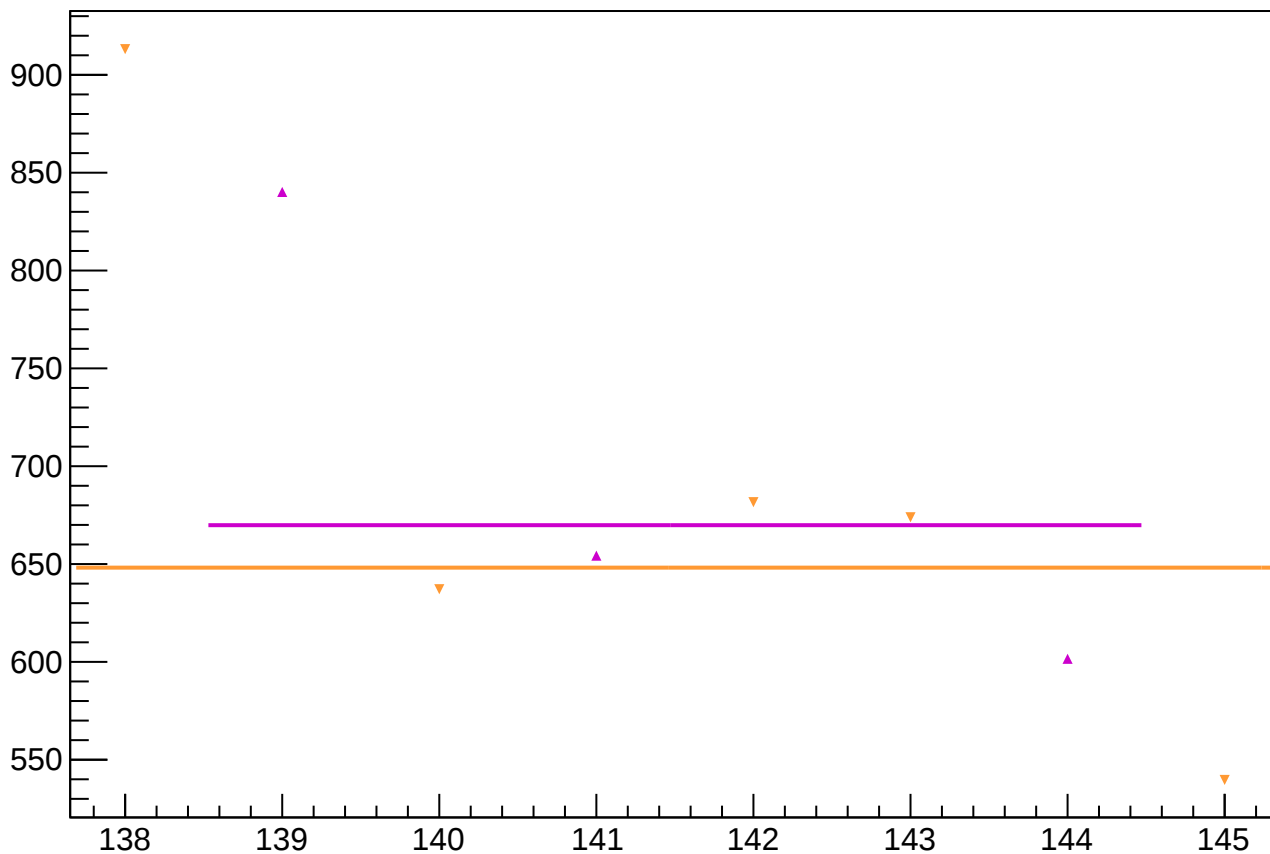
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 841.369+/-429.365 χ^2/NDF : 2.1/2

Out: -652.637+/-351.710 χ^2/NDF : 5.0/4

All: -52.715+/-272.081 χ^2/NDF : 14.3/7

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 648.166+/-0.249 χ^2/NDF :189572.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 669.861+/-0.304 χ^2/NDF :87573.4/2

Left: 656.878+/-0.192 χ^2/NDF : 280202.0/7

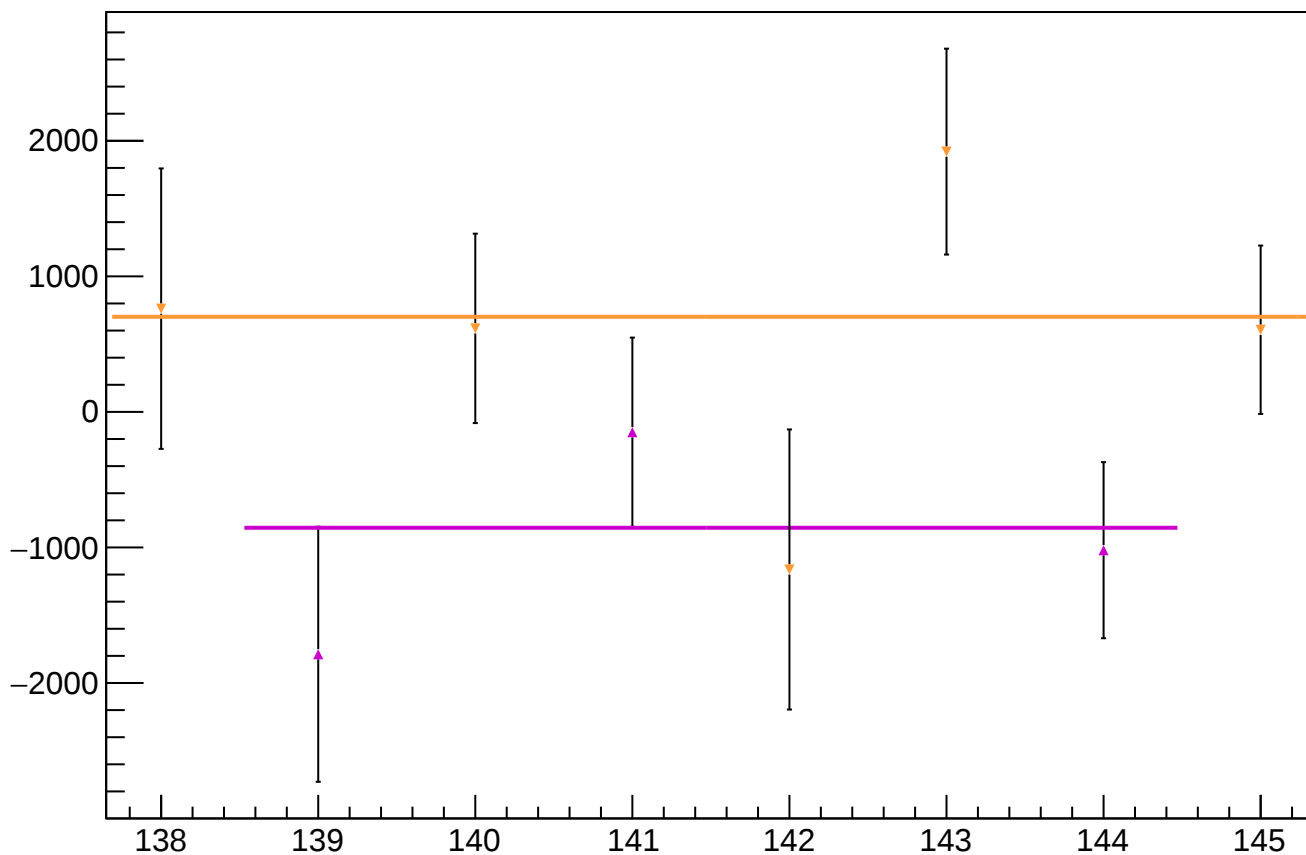
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 669.861+/-0.304 χ^2/NDF :87573.4/2

Out: 648.166+/-0.249 χ^2/NDF :189572.7/4

All: 656.878+/-0.192 χ^2/NDF : 280202.0/7

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 701.699+/-348.258 χ^2/NDF : 5.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -854.828+/-424.369 χ^2/NDF : 2.1/2

Left: 75.295+/-269.211 χ^2/NDF : 16.0/7

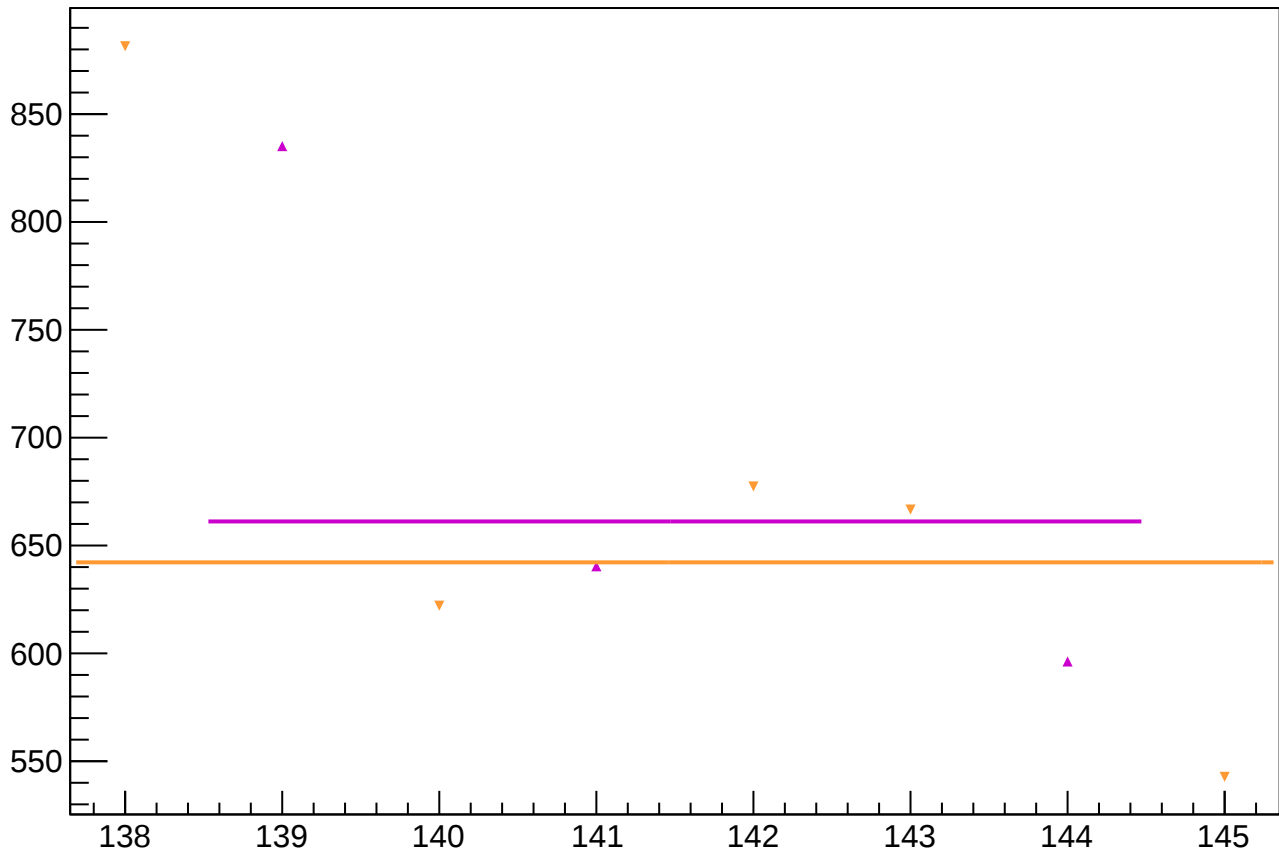
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -854.828+/-424.369 χ^2/NDF : 2.1/2

Out: 701.699+/-348.258 χ^2/NDF : 5.9/4

All: 75.295+/-269.211 χ^2/NDF : 16.0/7

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 642.200+/-0.246 χ^2/NDF :164295.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 661.162+/-0.300 χ^2/NDF :90166.5/2

Left: 649.831+/-0.190 χ^2/NDF : 256848.3/7

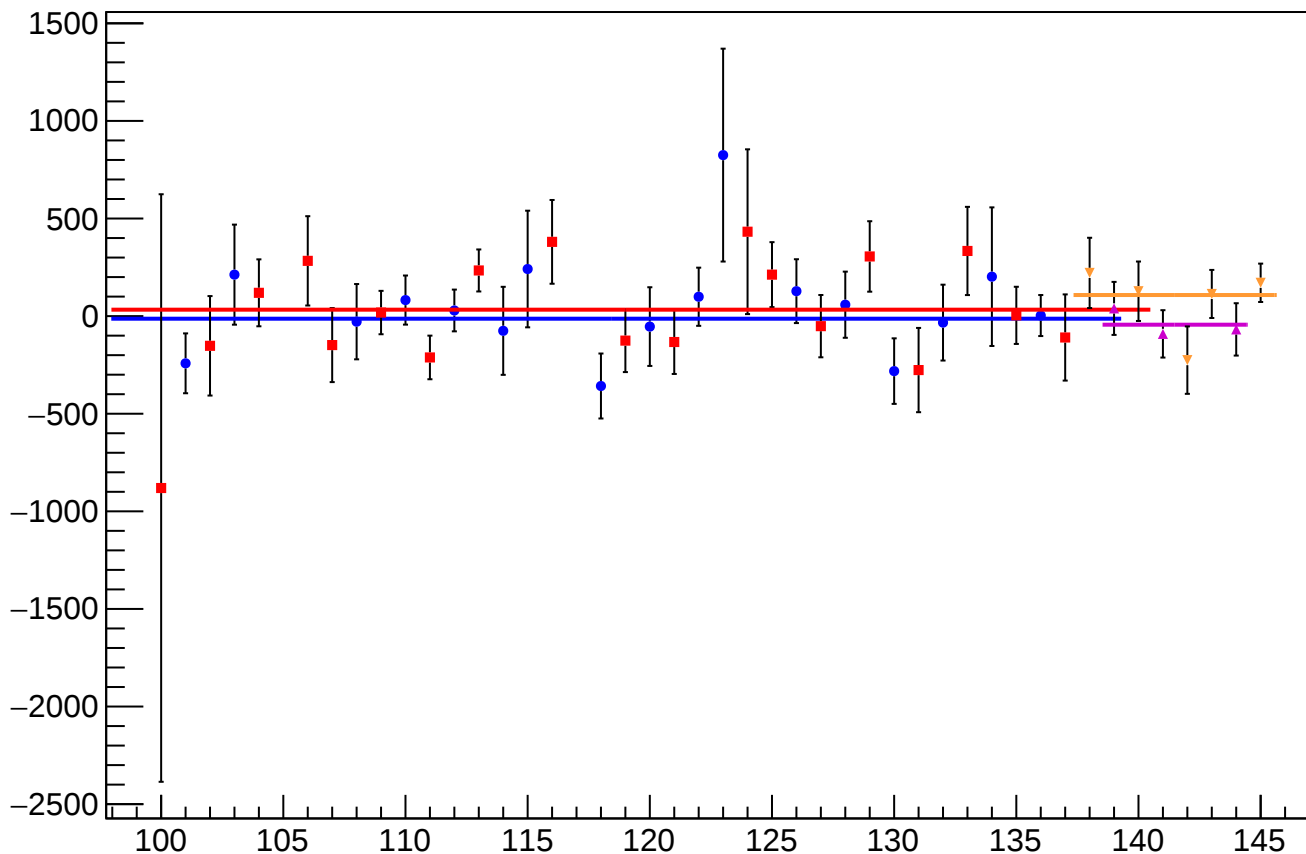
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 661.162+/-0.300 χ^2/NDF :90166.5/2

Out: 642.200+/-0.246 χ^2/NDF :164295.5/4

All: 649.831+/-0.190 χ^2/NDF : 256848.3/7

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 108.077 $\pm$ 60.079 χ^2 /NDF:4.6/4

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: -43.936 $\pm$ 74.999 χ^2 /NDF:0.6/2

Left: 48.659 $\pm$ 46.889 χ^2 /NDF: 7.6/7

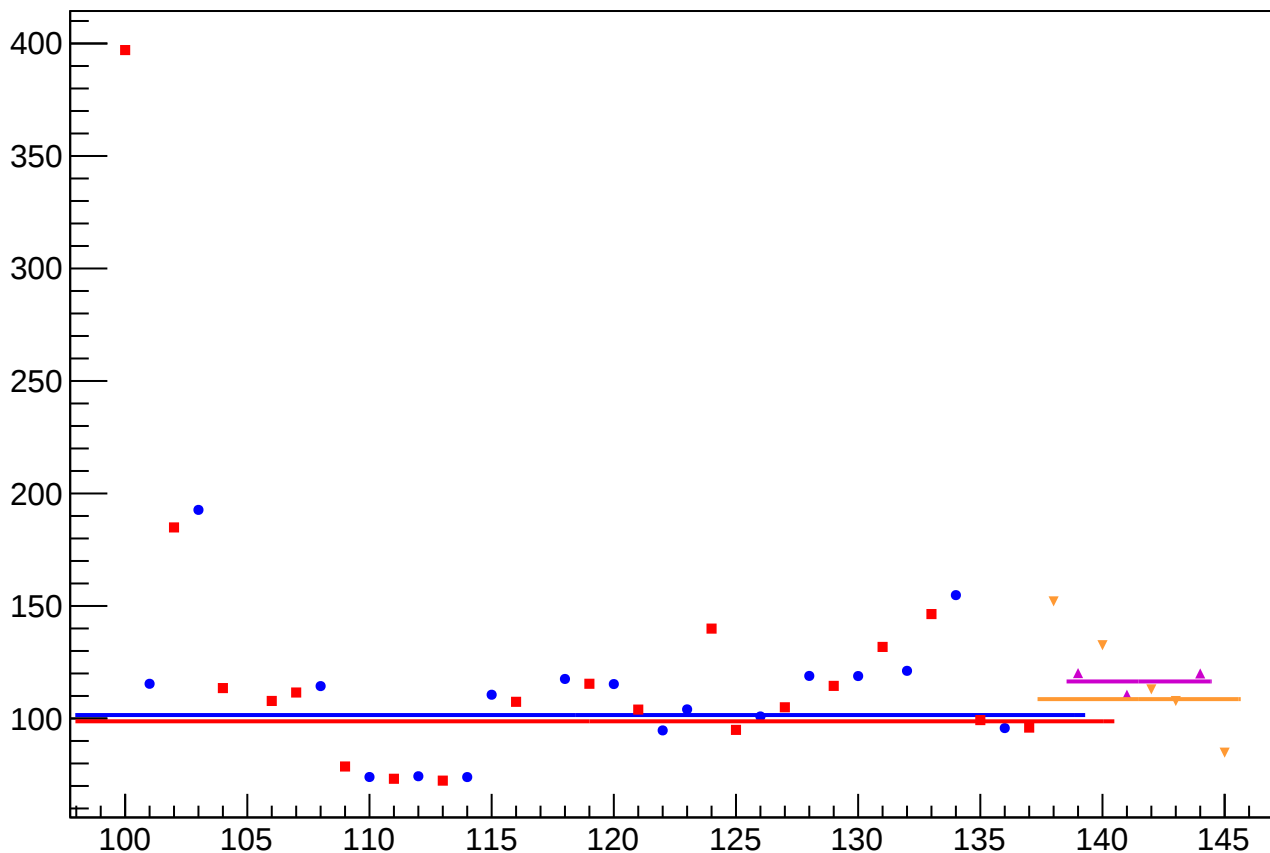
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: -20.165 $\pm$ 35.673 χ^2 /NDF:16.4/19

Out: 55.179 $\pm$ 32.640 χ^2 /NDF:30.7/23

All: 20.845 $\pm$ 24.081 χ^2 /NDF: 49.5/43

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 108.597 $\pm$ 0.042 χ^2 /NDF: 284647.9/4

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 116.449 $\pm$ 0.053 χ^2 /NDF: 7626.2/2

Left: 111.666 $\pm$ 0.033 χ^2 /NDF: 305627.9/7

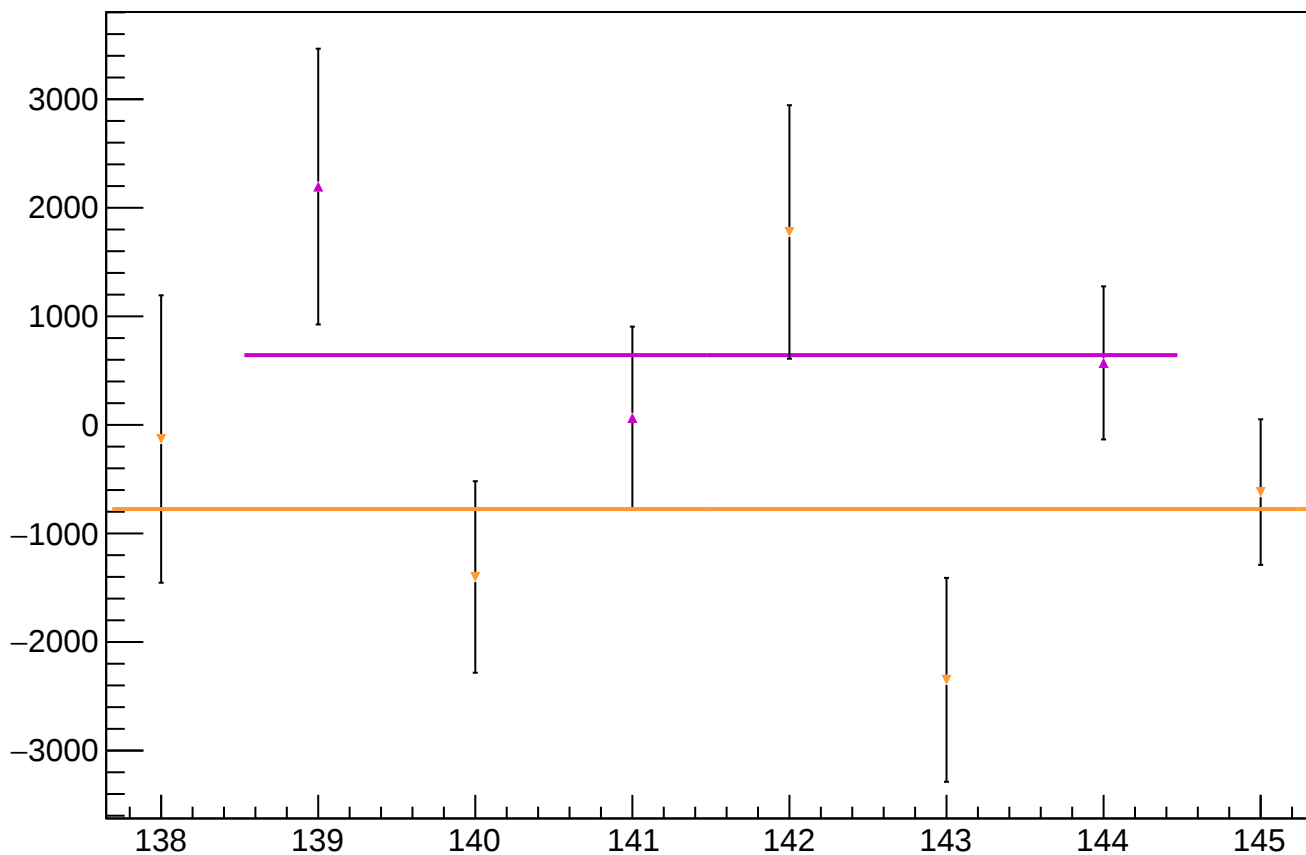
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.897 $\pm$ 0.025 χ^2 /NDF: 750667.9/19

Out: 101.646 $\pm$ 0.023 χ^2 /NDF: 1148258.9/23

All: 103.128 $\pm$ 0.017 χ^2 /NDF: 1907964.5/43

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -775.138+/-410.081 χ^2/NDF : 8.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 642.950+/-497.122 χ^2/NDF : 2.0/2

Left: -200.910+/-316.339 χ^2/NDF : 15.2/7

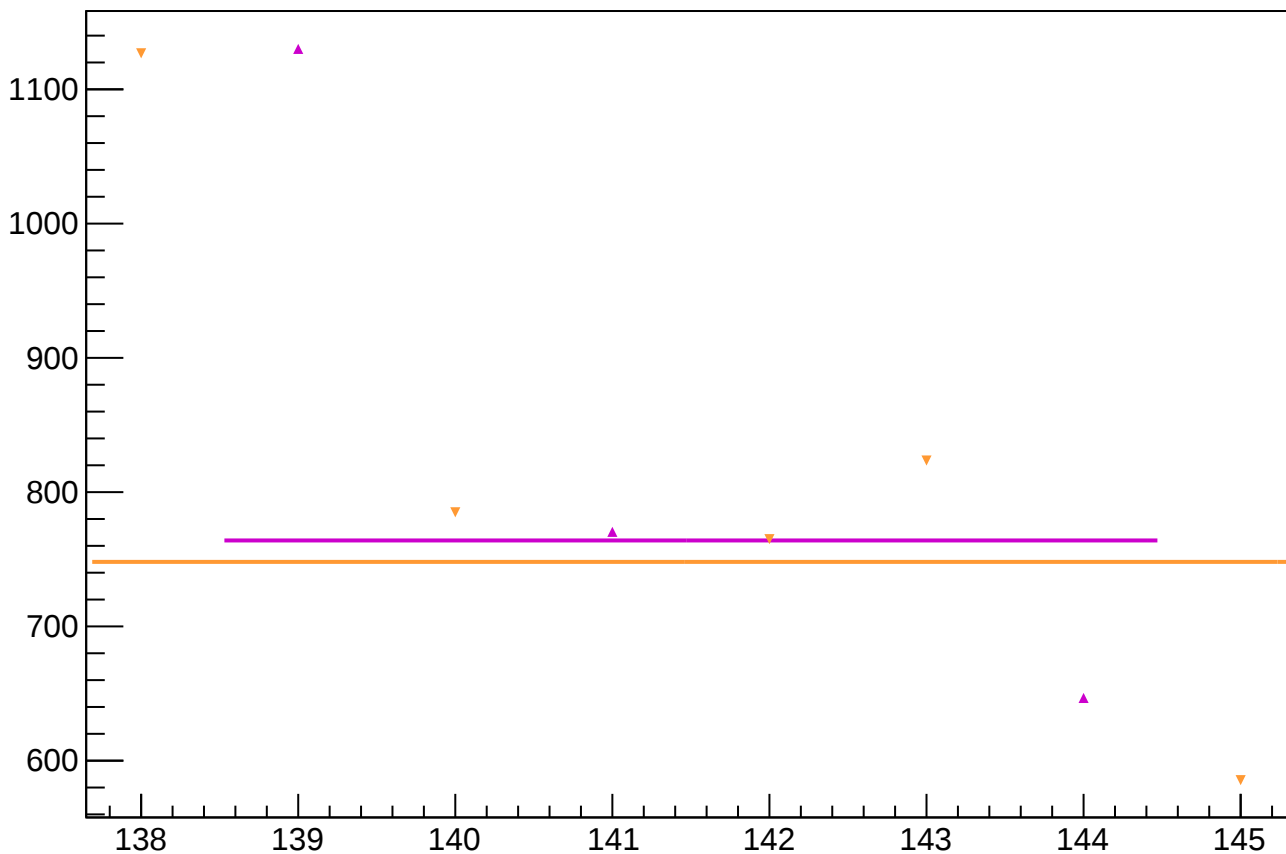
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.950+/-497.122 χ^2/NDF : 2.0/2

Out: -775.138+/-410.081 χ^2/NDF : 8.4/4

All: -200.910+/-316.339 χ^2/NDF : 15.2/7

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 748.060+/-0.290 χ^2/NDF :298110.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 764.017+/-0.352 χ^2/NDF :221643.5/2

Left: 754.522+/-0.224 χ^2/NDF : 520979.8/7

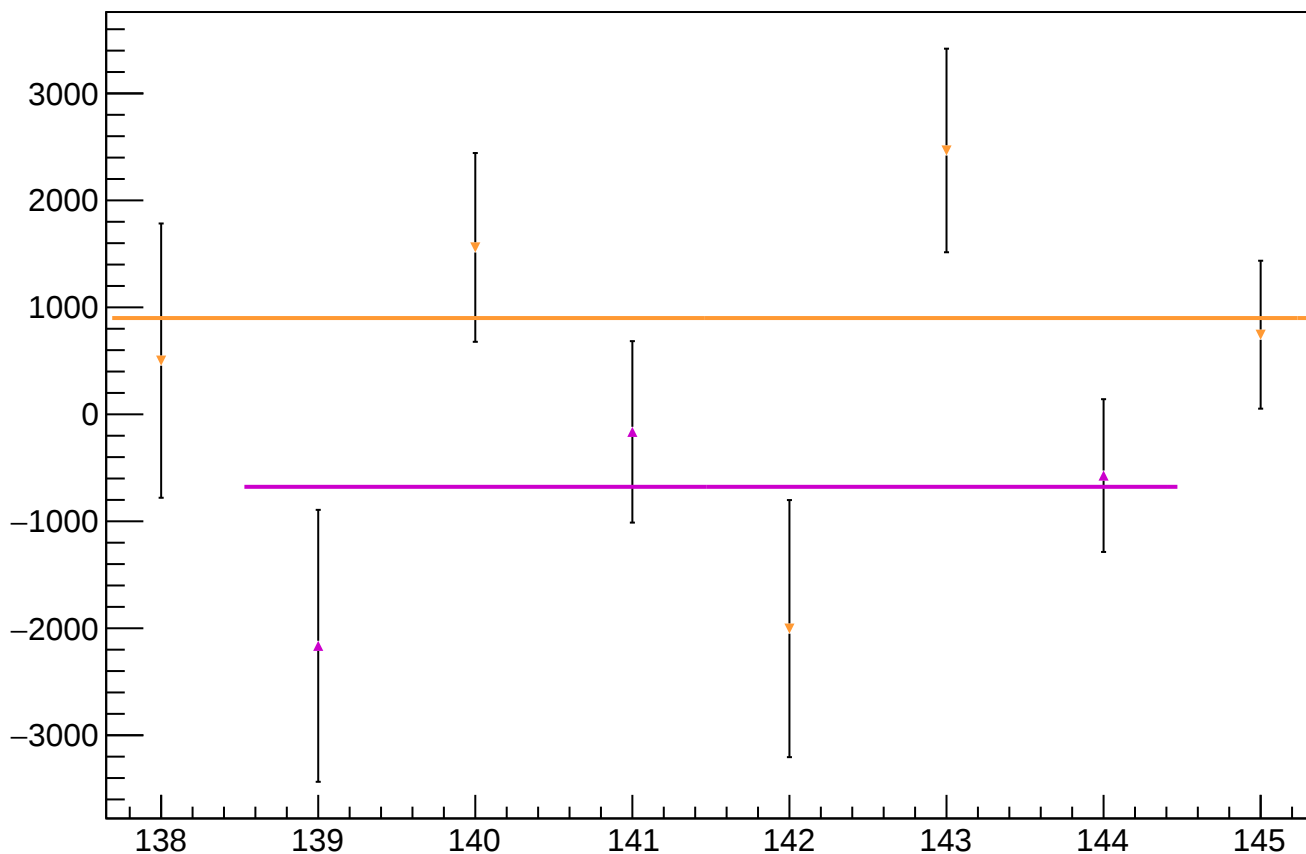
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 764.017+/-0.352 χ^2/NDF :221643.5/2

Out: 748.060+/-0.290 χ^2/NDF :298110.1/4

All: 754.522+/-0.224 χ^2/NDF : 520979.8/7

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 900.029+/-415.917 χ^2/NDF : 9.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -677.613+/-501.866 χ^2/NDF : 1.8/2

Left: 257.667+/-320.238 χ^2/NDF : 16.9/7

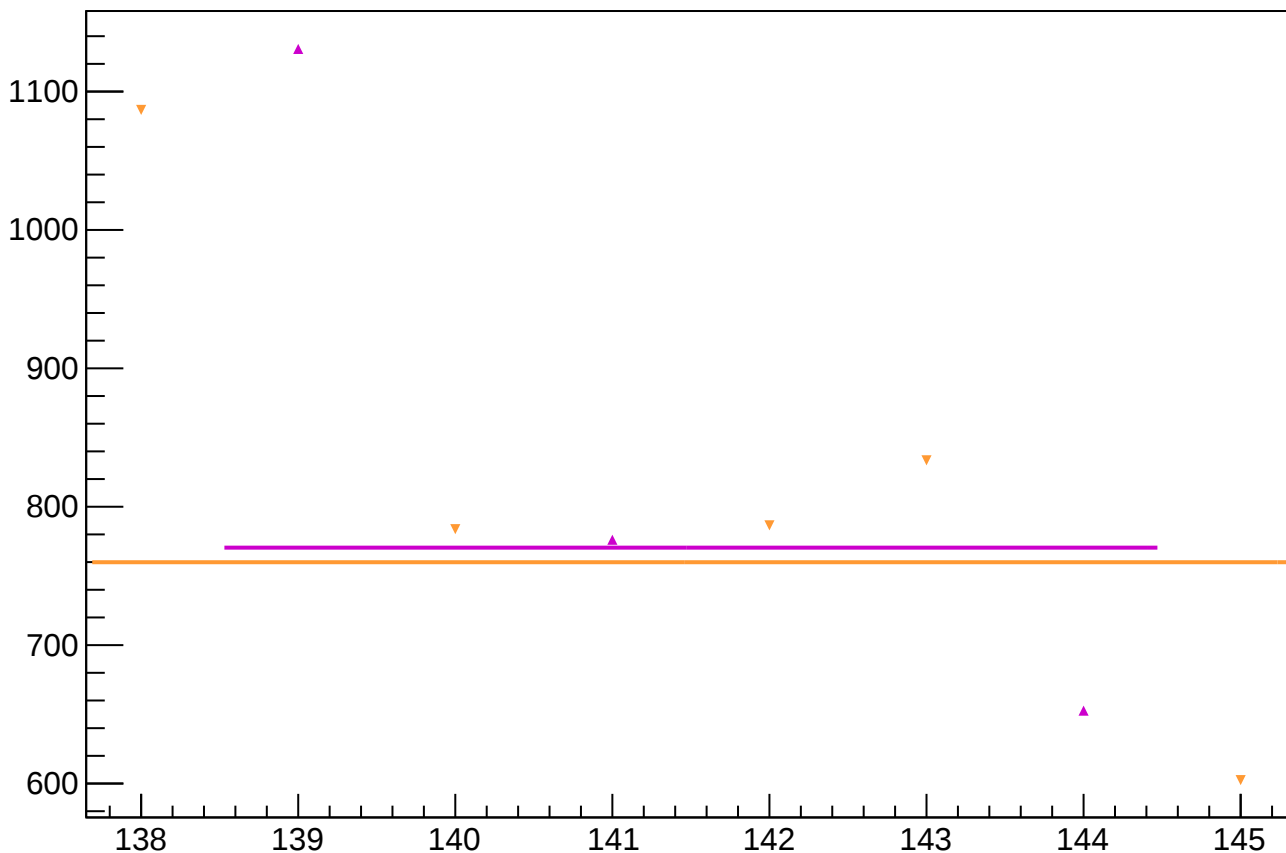
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -677.613+/-501.866 χ^2/NDF : 1.8/2

Out: 900.029+/-415.917 χ^2/NDF : 9.3/4

All: 257.667+/-320.238 χ^2/NDF : 16.9/7

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 759.907+/-0.294 χ^2/NDF :248079.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 770.440+/-0.355 χ^2/NDF :215261.2/2

Left: 764.196+/-0.226 χ^2/NDF : 463863.2/7

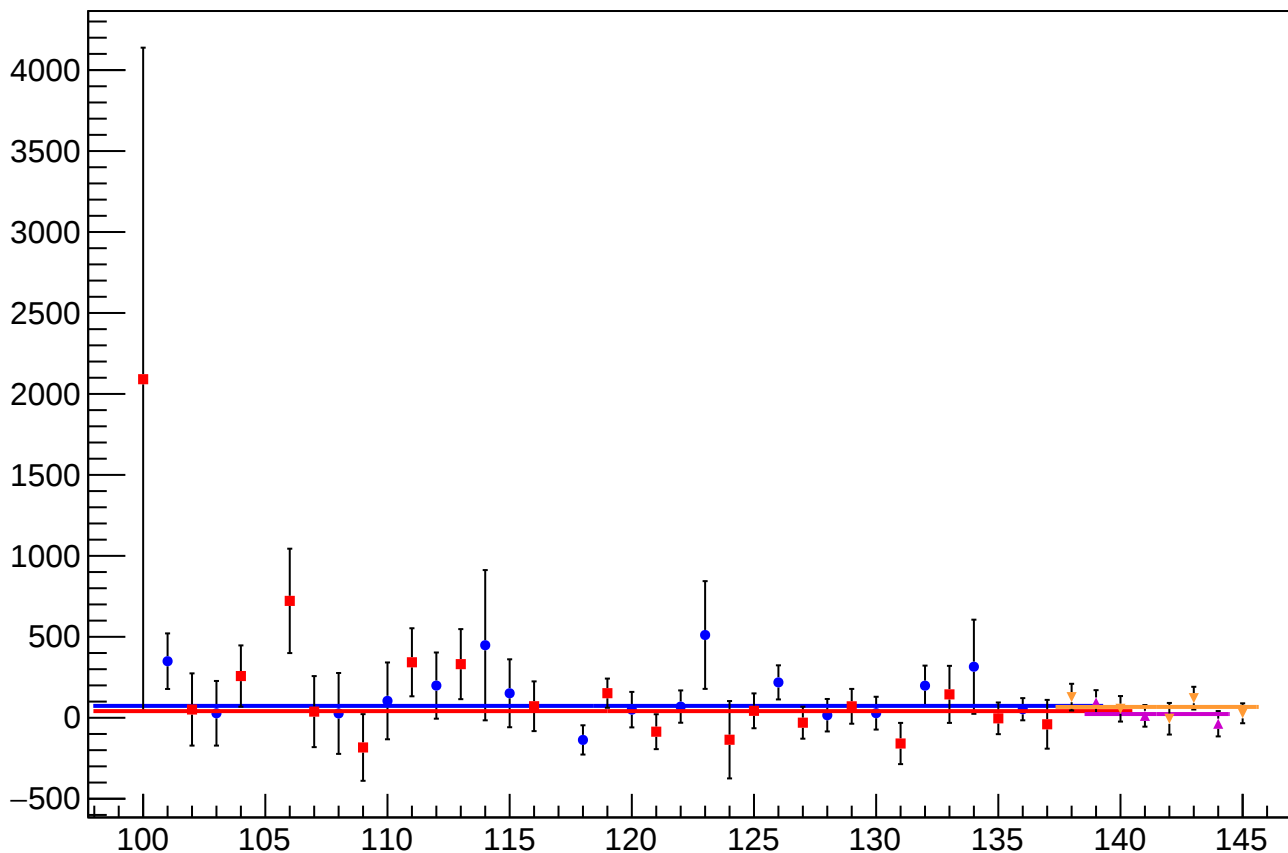
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 770.440+/-0.355 χ^2/NDF :215261.2/2

Out: 759.907+/-0.294 χ^2/NDF :248079.8/4

All: 764.196+/-0.226 χ^2/NDF : 463863.2/7

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 67.031 $\pm$ 33.706 χ^2 /NDF:2.1/4

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 23.114 $\pm$ 42.298 χ^2 /NDF:1.5/2

Left: 49.974 $\pm$ 26.360 χ^2 /NDF: 4.3/7

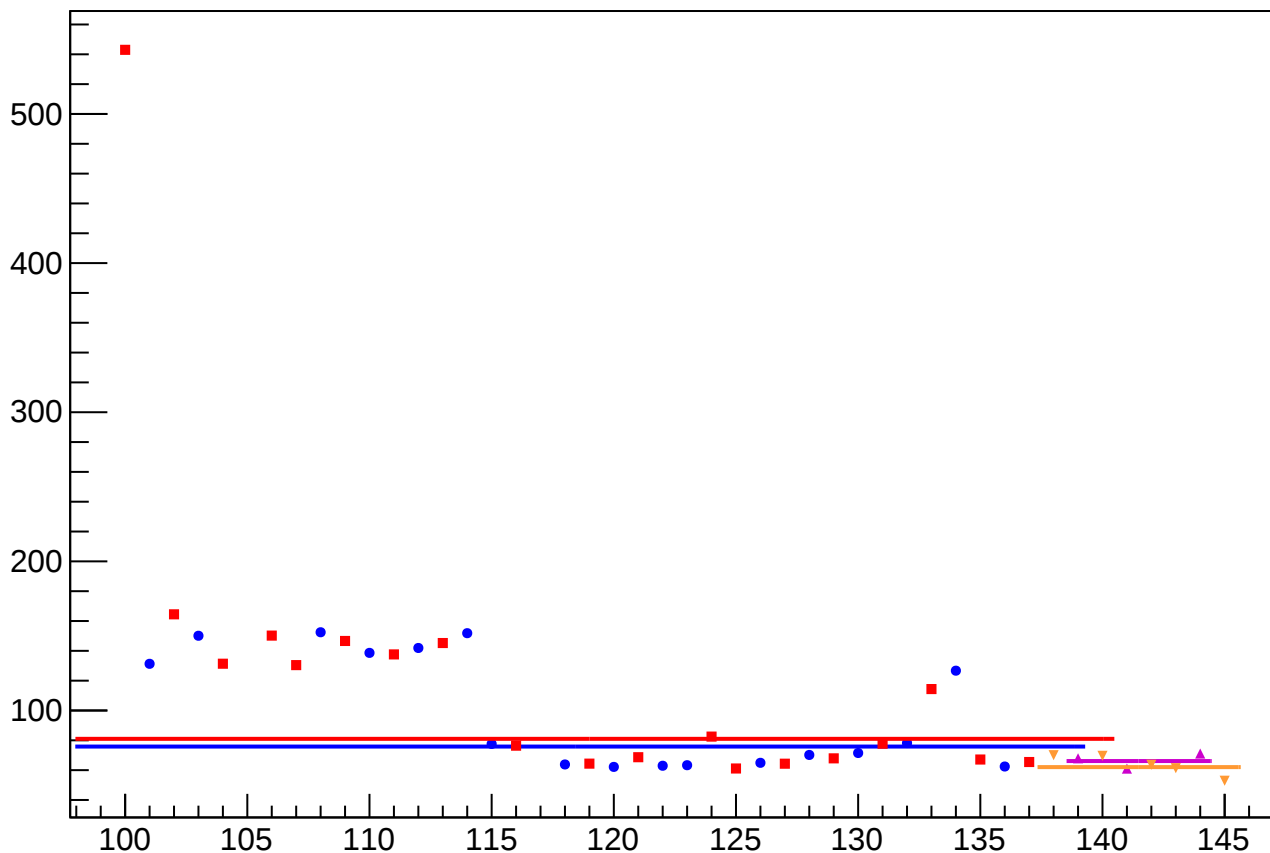
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 55.814 $\pm$ 25.035 χ^2 /NDF:17.7/19

Out: 53.698 $\pm$ 23.485 χ^2 /NDF:21.6/23

All: 54.688 $\pm$ 17.128 χ^2 /NDF: 39.3/43

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 62.040 $\pm$ 0.024 χ^2 /NDF: 82053.7/4

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 66.107 $\pm$ 0.030 χ^2 /NDF: 20977.1/2

Left: 63.619 $\pm$ 0.019 χ^2 /NDF: 114336.5/7

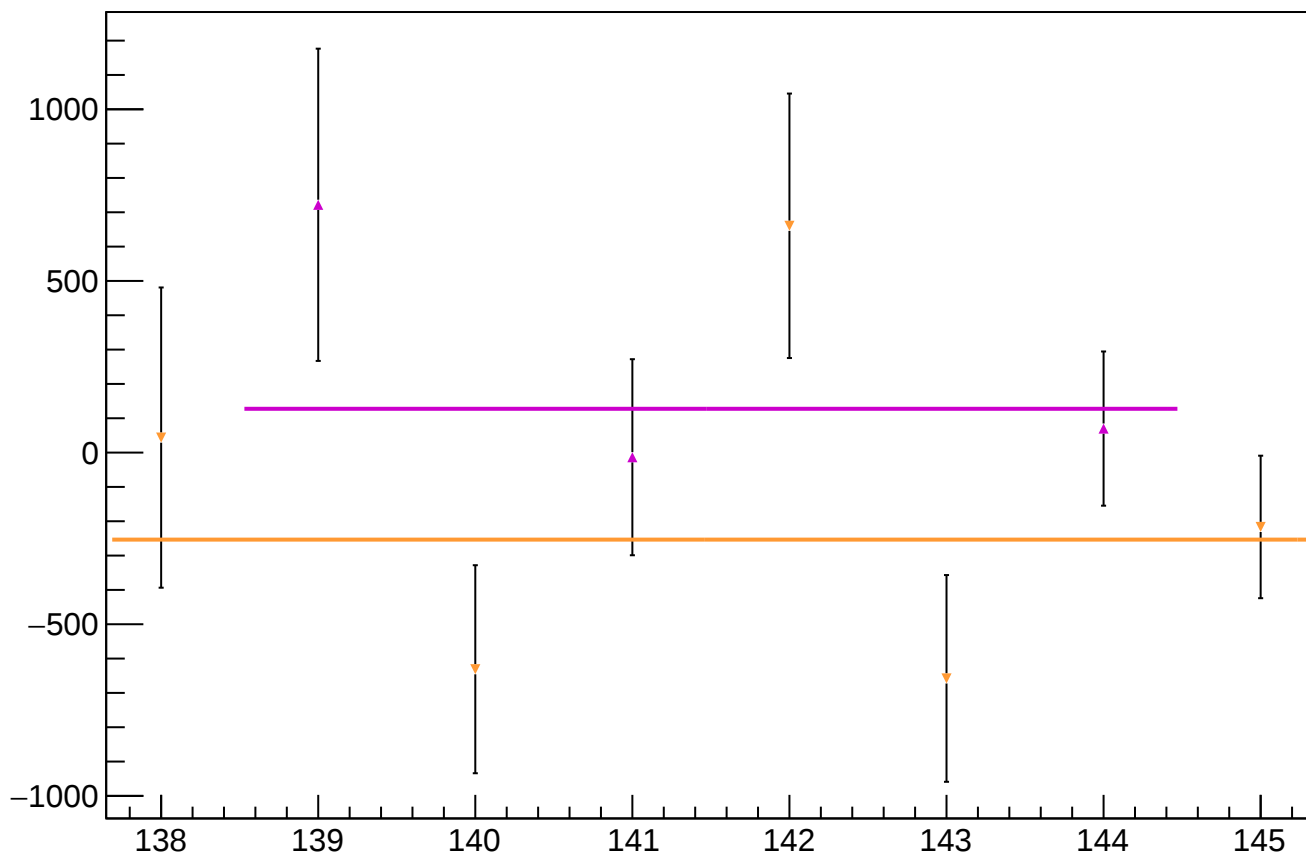
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 72.417 $\pm$ 0.018 χ^2 /NDF: 1439458.8/19

Out: 71.795 $\pm$ 0.017 χ^2 /NDF: 2035540.8/23

All: 72.086 $\pm$ 0.012 χ^2 /NDF: 3475655.6/43

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -253.494+/-132.327 χ^2/NDF :9.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.571+/-164.563 χ^2/NDF :2.0/2

Left: -103.855+/-103.123 χ^2/NDF : 14.8/7

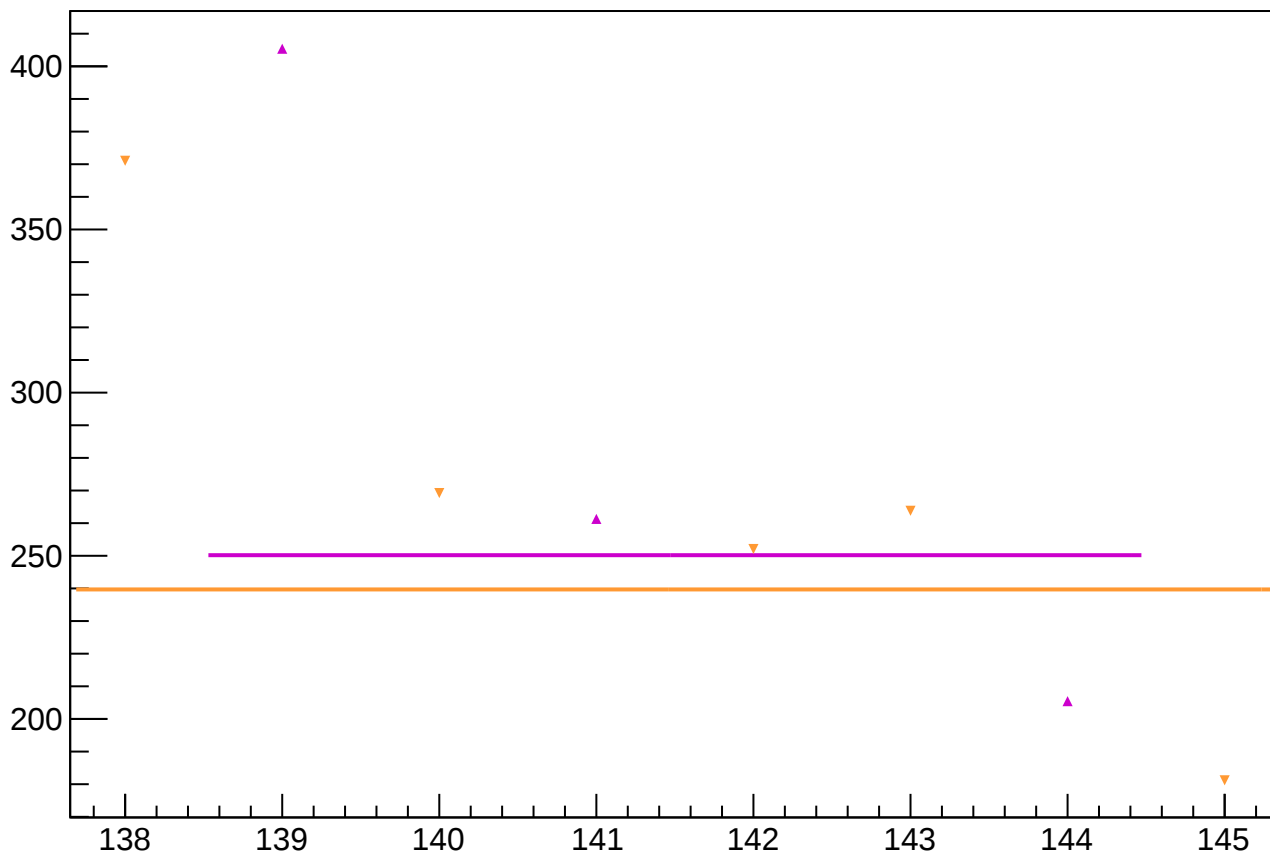
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.571+/-164.563 χ^2/NDF :2.0/2

Out: -253.494+/-132.327 χ^2/NDF :9.5/4

All: -103.855+/-103.123 χ^2/NDF : 14.8/7

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 239.688+/-0.094 χ^2/NDF :373304.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 250.184+/-0.116 χ^2/NDF :315355.3/2

Left: 243.809+/-0.073 χ^2/NDF : 693601.3/7

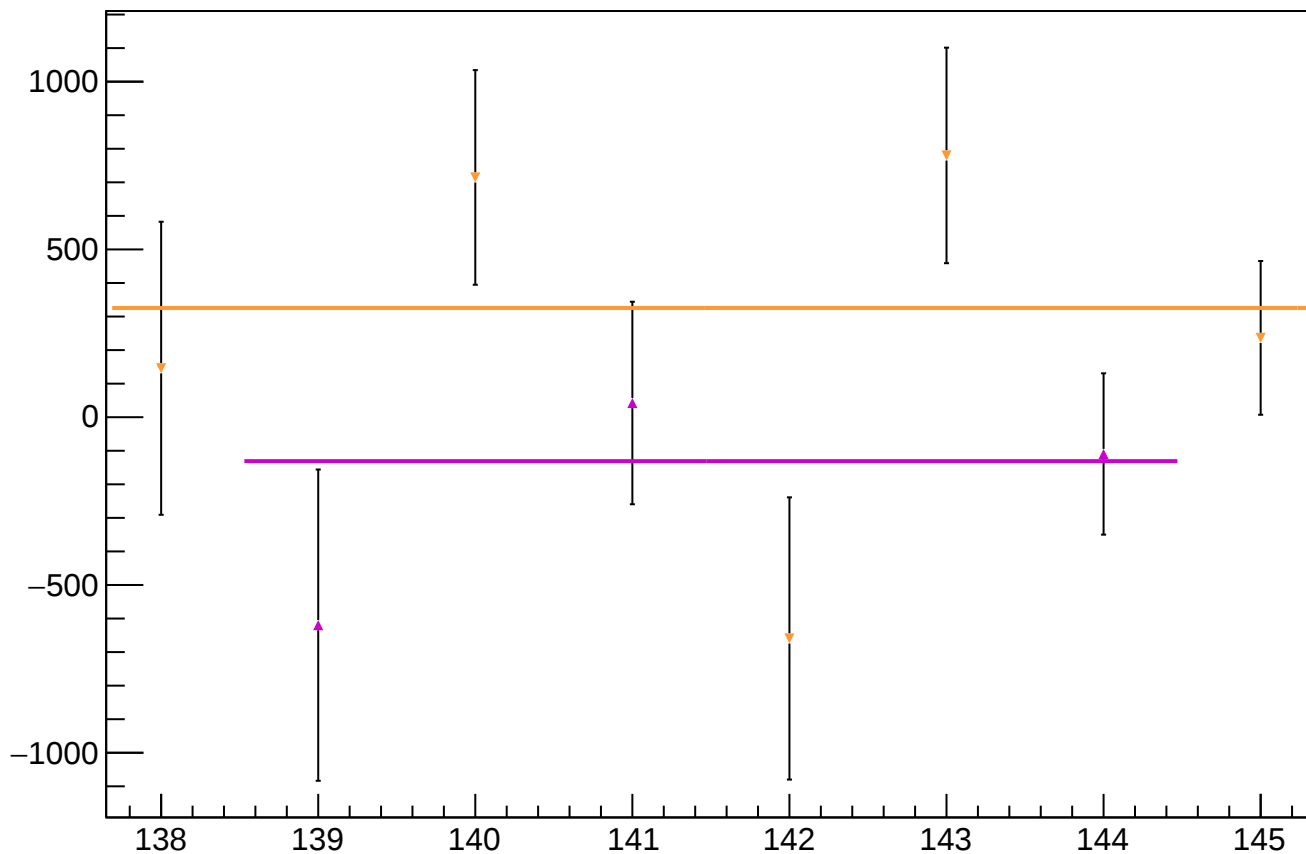
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 250.184+/-0.116 χ^2/NDF :315355.3/2

Out: 239.688+/-0.094 χ^2/NDF :373304.4/4

All: 243.809+/-0.073 χ^2/NDF : 693601.3/7

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 325.533+/-142.246 χ^2/NDF :9.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -130.942+/-174.269 χ^2/NDF :1.4/2

Left: 143.010+/-110.197 χ^2/NDF : 14.9/7

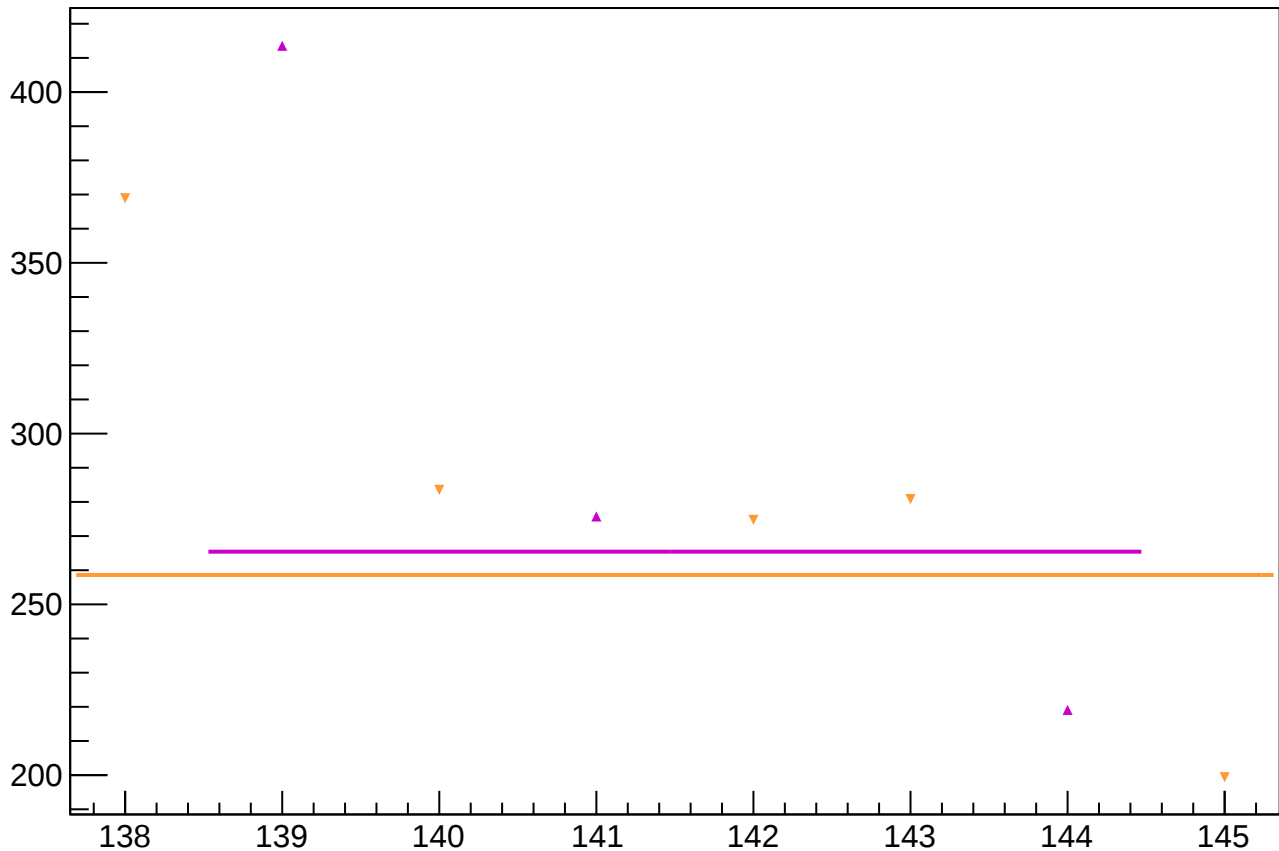
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -130.942+/-174.269 χ^2/NDF :1.4/2

Out: 325.533+/-142.246 χ^2/NDF :9.3/4

All: 143.010+/-110.197 χ^2/NDF : 14.9/7

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 258.613+/-0.101 χ^2/NDF :285950.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 265.430+/-0.123 χ^2/NDF :280541.2/2

Left: 261.339+/-0.078 χ^2/NDF : 568328.5/7

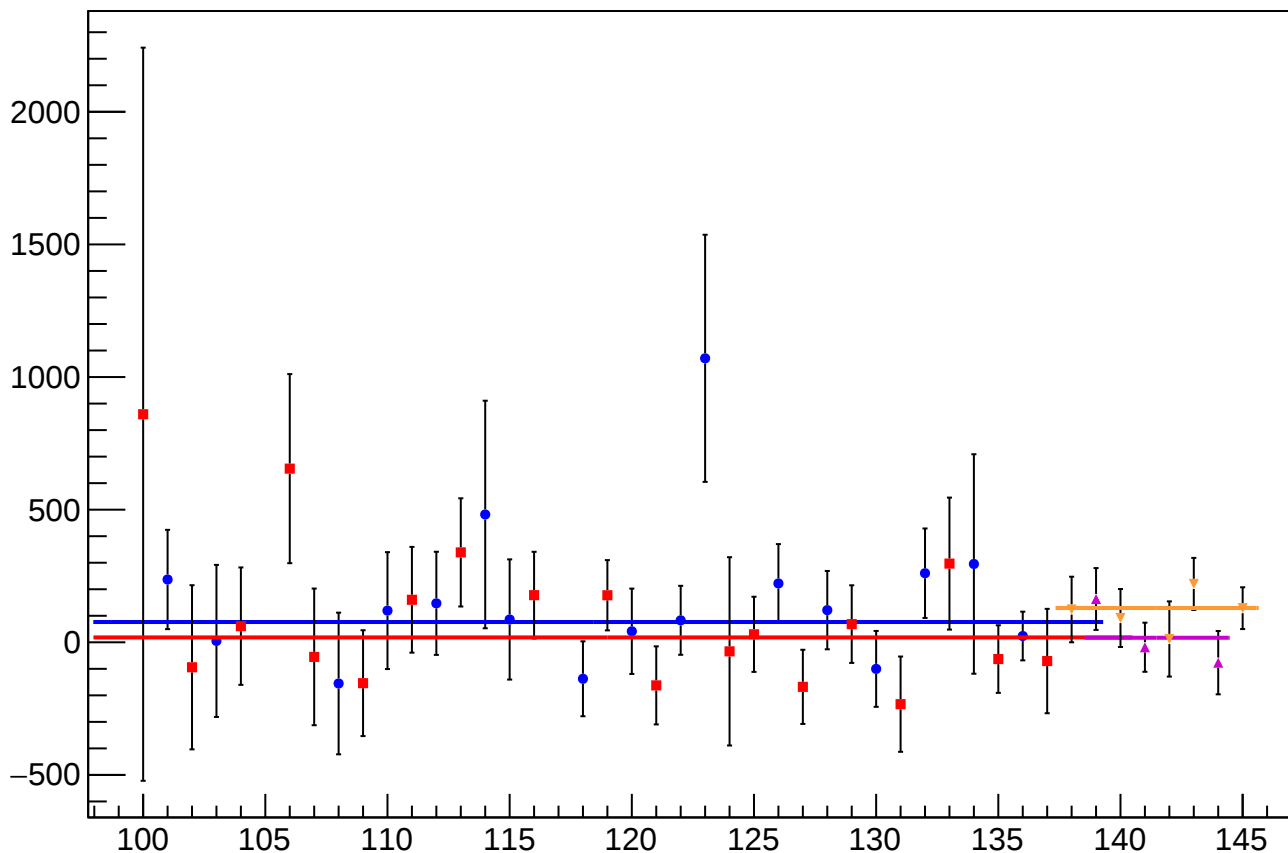
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 265.430+/-0.123 χ^2/NDF :280541.2/2

Out: 258.613+/-0.101 χ^2/NDF :285950.8/4

All: 261.339+/-0.078 χ^2/NDF : 568328.5/7

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 129.306+/-46.422 χ^2/NDF : 1.7/4

Right Out: 18.393+/-42.277 χ^2/NDF : 17.2/18

Left In: 17.117+/-61.967 χ^2/NDF : 2.3/2

Left: 88.976+/-37.153 χ^2/NDF : 6.1/7

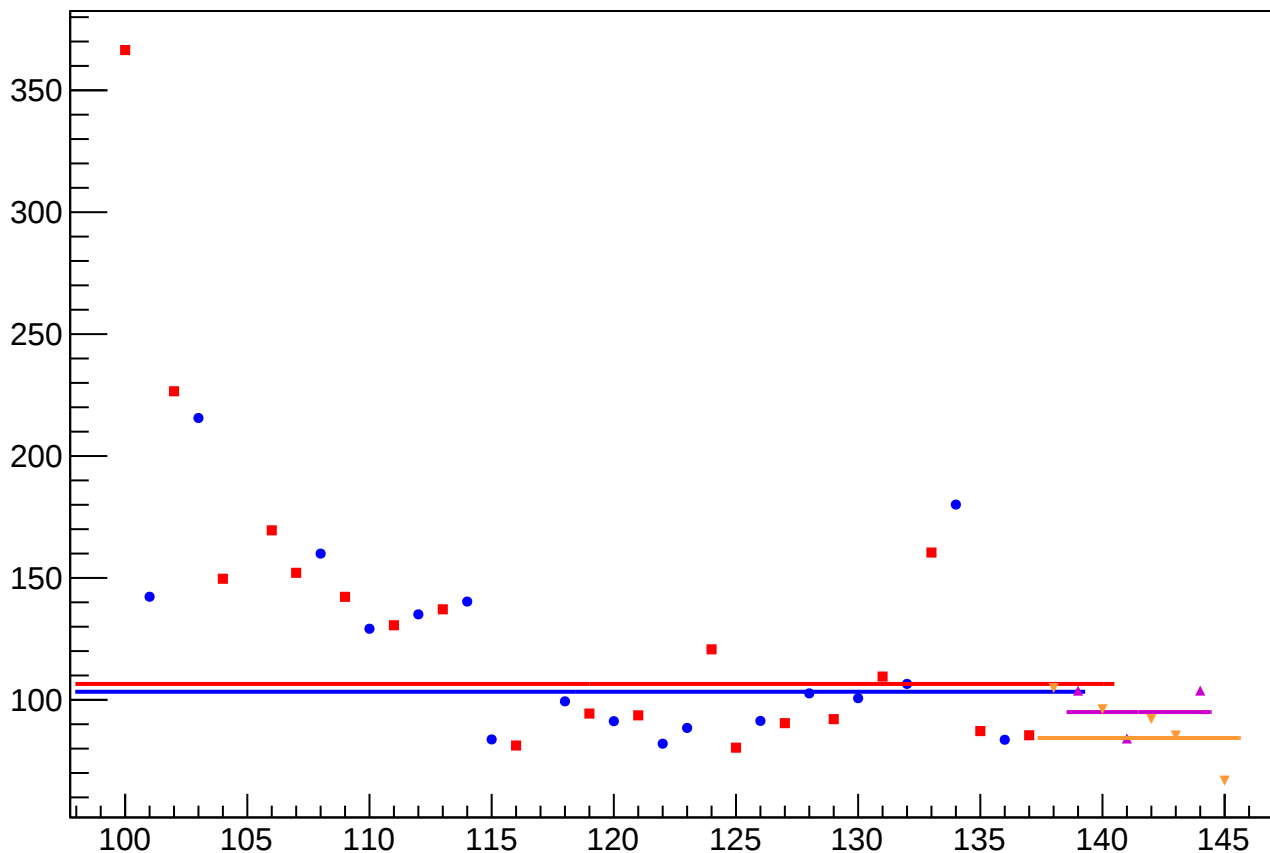
Right: 47.947+/-29.637 χ^2/NDF : 32.0/35

In: 58.079+/-34.514 χ^2/NDF : 16.9/19

Out: 68.678+/-31.258 χ^2/NDF : 22.0/23

All: 63.902+/-23.168 χ^2/NDF : 38.9/43

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 84.352+/-0.033 χ^2/NDF : 182954.8/4

Right Out: 106.532+/-0.030 χ^2/NDF : 1071553.9/18

Left In: 94.993+/-0.044 χ^2/NDF : 49706.4/2

Left: 88.178+/-0.026 χ^2/NDF : 270435.6/7

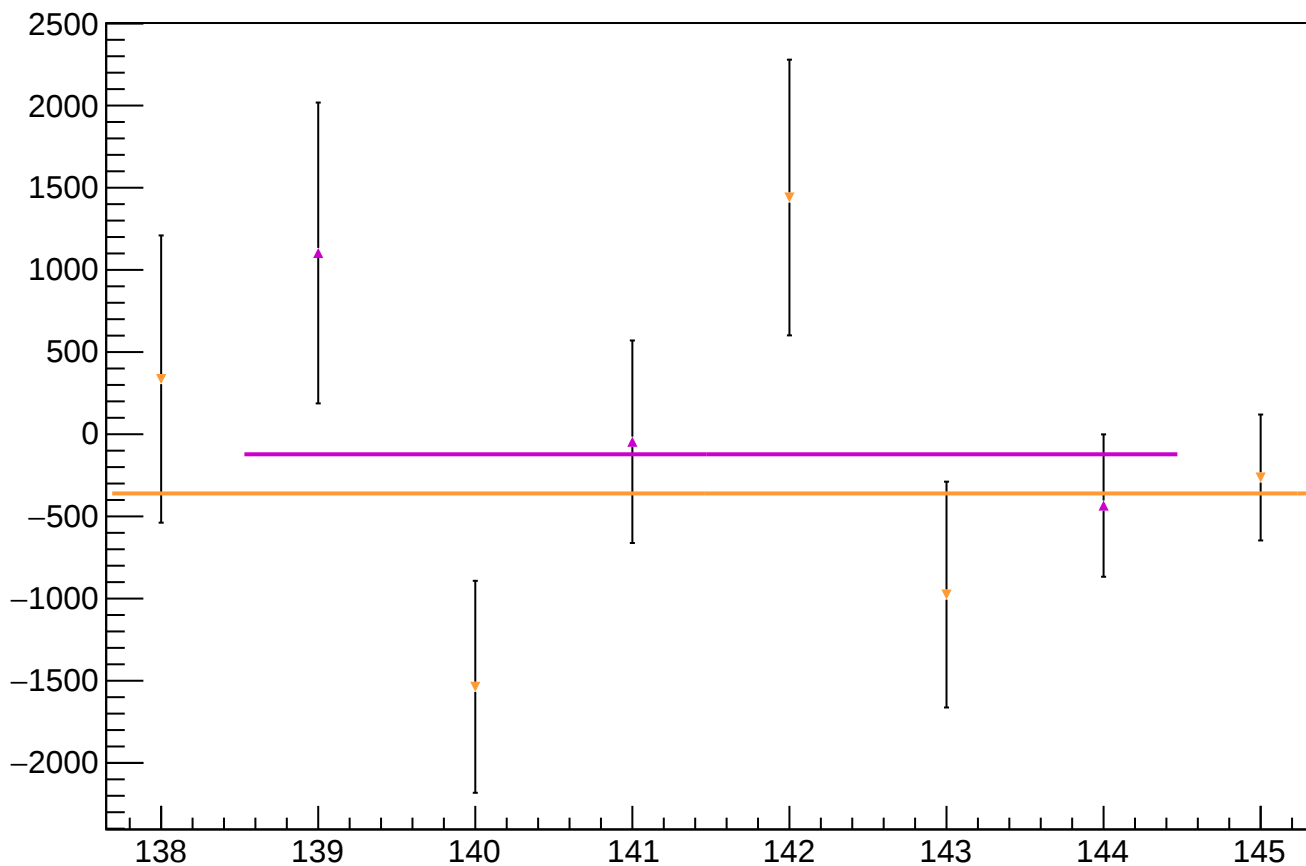
Right: 104.897+/-0.021 χ^2/NDF : 1915236.3/35

In: 100.735+/-0.024 χ^2/NDF : 912403.7/19

Out: 96.477+/-0.022 χ^2/NDF : 1504073.5/23

All: 98.396+/-0.016 χ^2/NDF : 2433205.6/43

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -360.326 ± 266.623 $\chi^2/\text{NDF}: 9.4/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -121.994 ± 330.443 $\chi^2/\text{NDF}: 2.3/2$

Left: -266.348 ± 207.501 $\chi^2/\text{NDF}: 12.1/7$

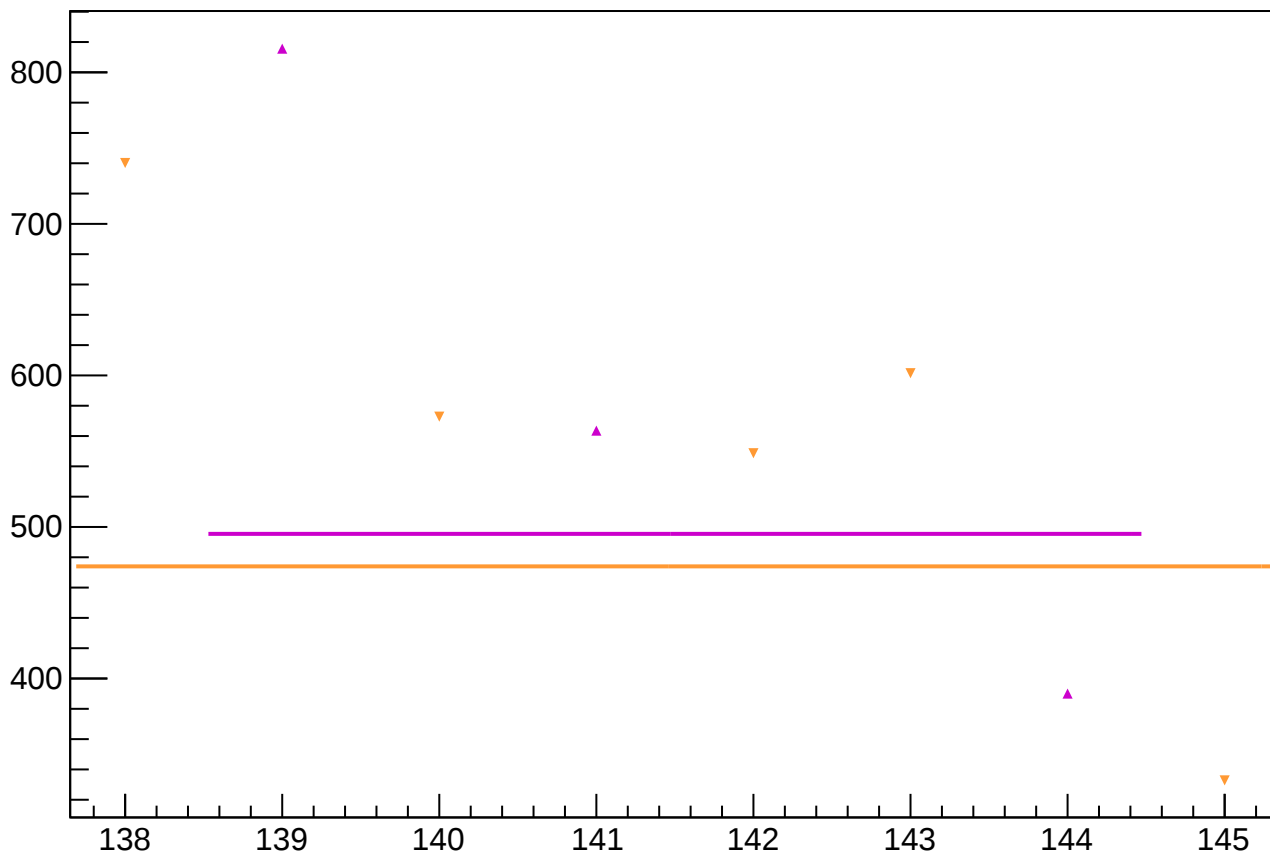
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -121.994 ± 330.443 $\chi^2/\text{NDF}: 2.3/2$

Out: -360.326 ± 266.623 $\chi^2/\text{NDF}: 9.4/4$

All: -266.348 ± 207.501 $\chi^2/\text{NDF}: 12.1/7$

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 473.995+/-0.189 χ^2/NDF :588955.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 495.445+/-0.234 χ^2/NDF :387585.5/2

Left: 482.453+/-0.147 χ^2/NDF : 981644.9/7

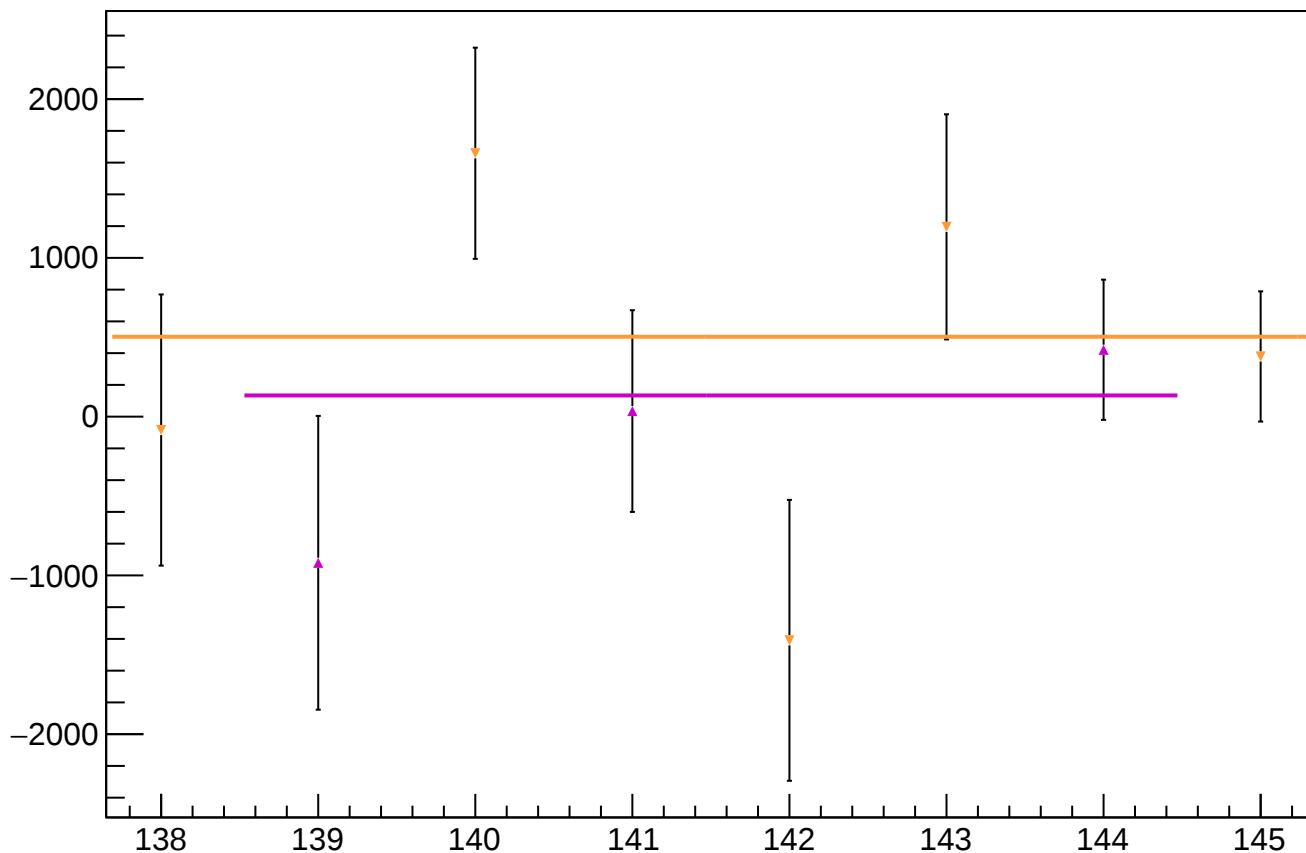
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 495.445+/-0.234 χ^2/NDF :387585.5/2

Out: 473.995+/-0.189 χ^2/NDF :588955.1/4

All: 482.453+/-0.147 χ^2/NDF : 981644.9/7

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 503.412+/-278.998 χ^2/NDF : 9.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.546+/-337.622 χ^2/NDF : 1.7/2

Left: 353.328+/-215.068 χ^2/NDF : 11.7/7

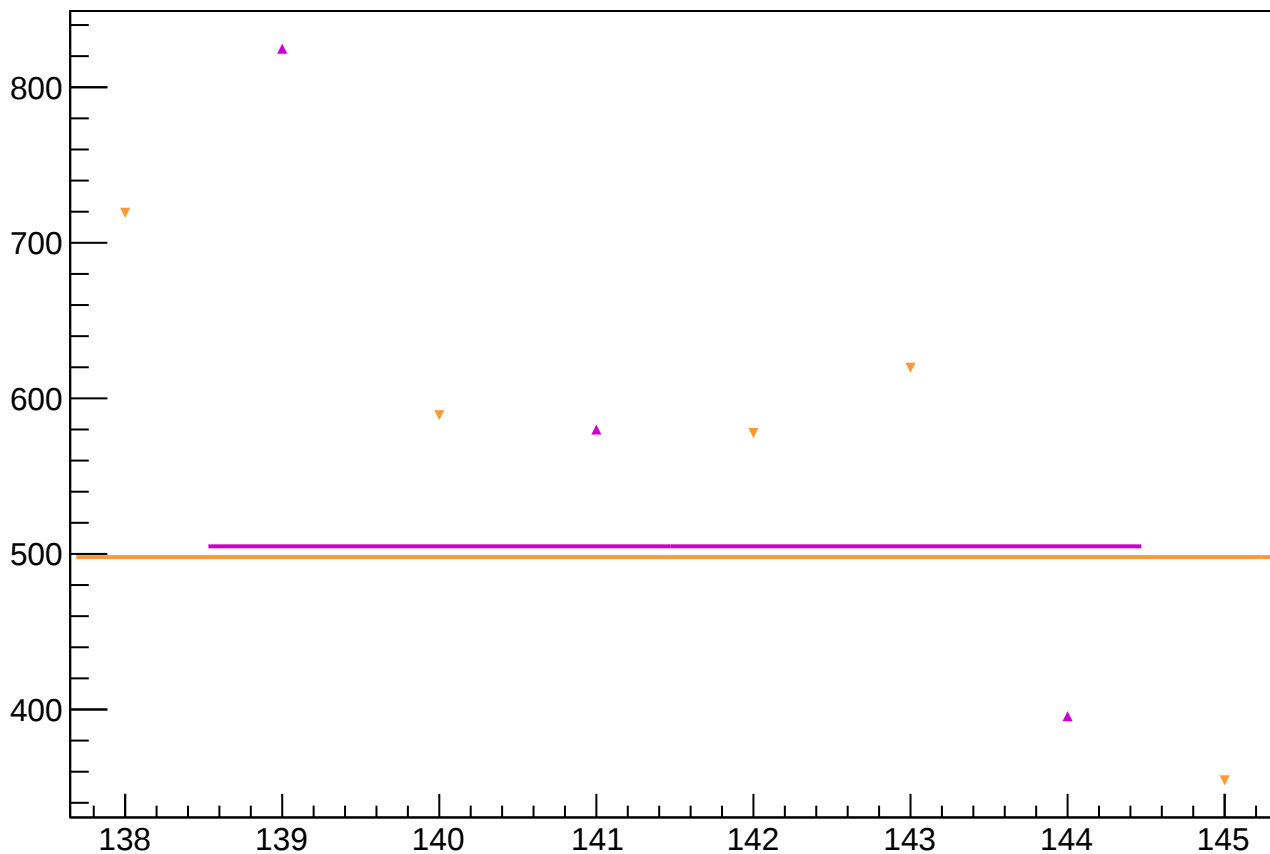
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.546+/-337.622 χ^2/NDF : 1.7/2

Out: 503.412+/-278.998 χ^2/NDF : 9.2/4

All: 353.328+/-215.068 χ^2/NDF : 11.7/7

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 497.959+/-0.197 χ^2/NDF : 492166.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 504.882+/-0.239 χ^2/NDF : 389300.9/2

Left: 500.768+/-0.152 χ^2/NDF : 881966.7/7

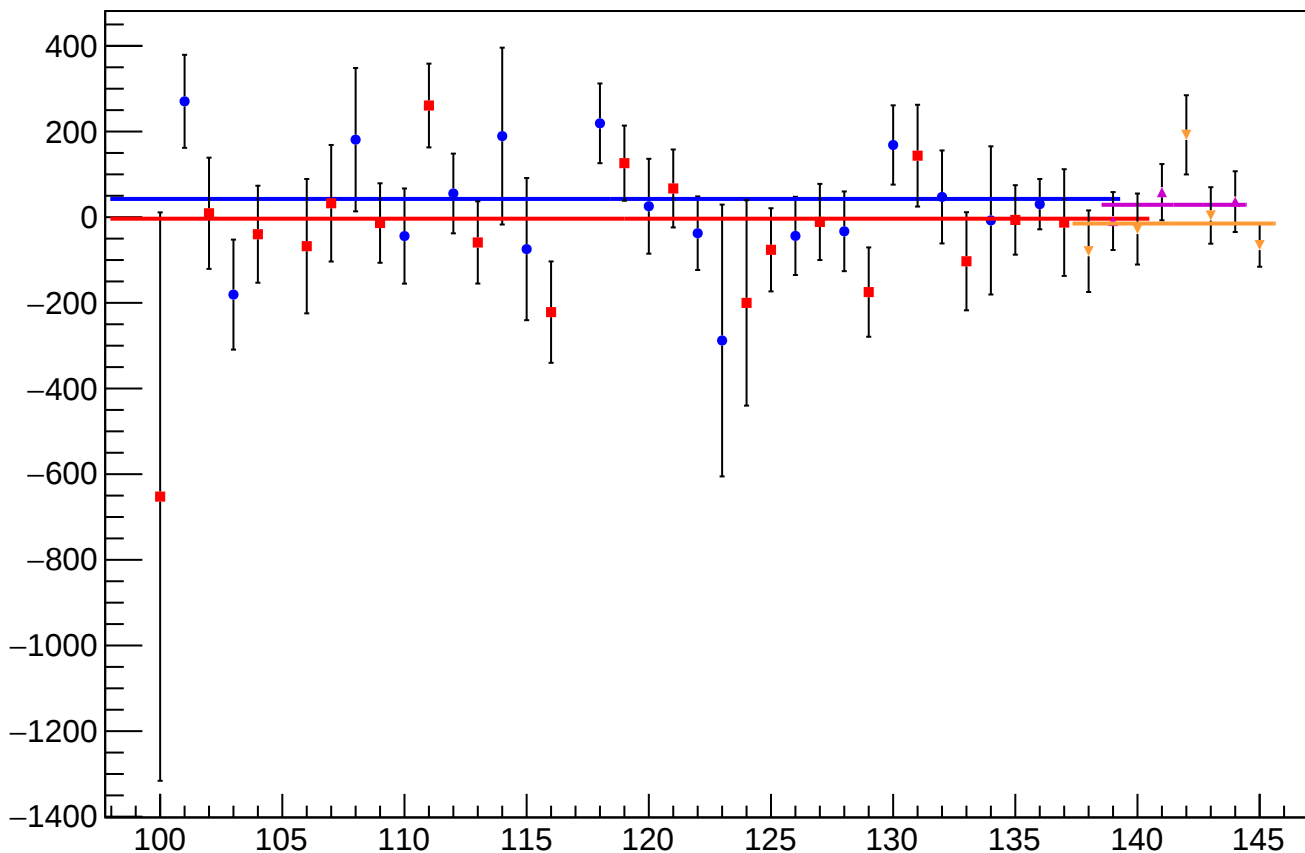
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 504.882+/-0.239 χ^2/NDF : 389300.9/2

Out: 497.959+/-0.197 χ^2/NDF : 492166.1/4

All: 500.768+/-0.152 χ^2/NDF : 881966.7/7

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2/NDF : 18.9/16

Left Out: -14.775 $\pm$ 31.751 χ^2/NDF : 6.6/4

Right Out: -3.503 $\pm$ 25.070 χ^2/NDF : 21.4/18

Left In: 28.954 $\pm$ 39.242 χ^2/NDF : 0.5/2

Left: 2.526 $\pm$ 24.683 χ^2/NDF : 7.8/7

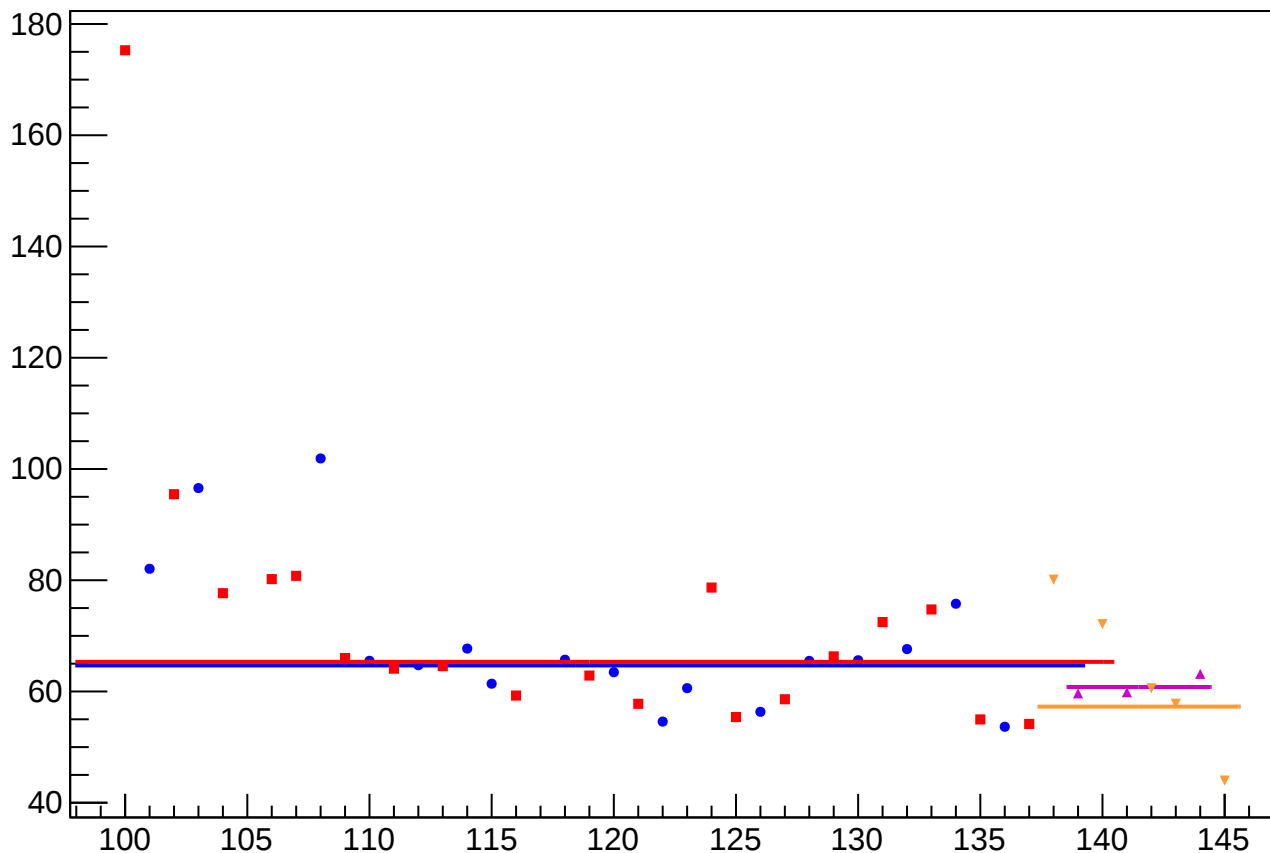
Right: 19.196 $\pm$ 17.872 χ^2/NDF : 41.9/35

In: 38.590 $\pm$ 21.374 χ^2/NDF : 19.5/19

Out: -7.832 $\pm$ 19.676 χ^2/NDF : 28.0/23

All: 13.462 $\pm$ 14.476 χ^2/NDF : 50.0/43

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 57.281 $\pm$ 0.022 χ^2 /NDF:319172.9/4

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 60.808 $\pm$ 0.028 χ^2 /NDF:3192.1/2

Left: 58.676 $\pm$ 0.017 χ^2 /NDF: 332133.1/7

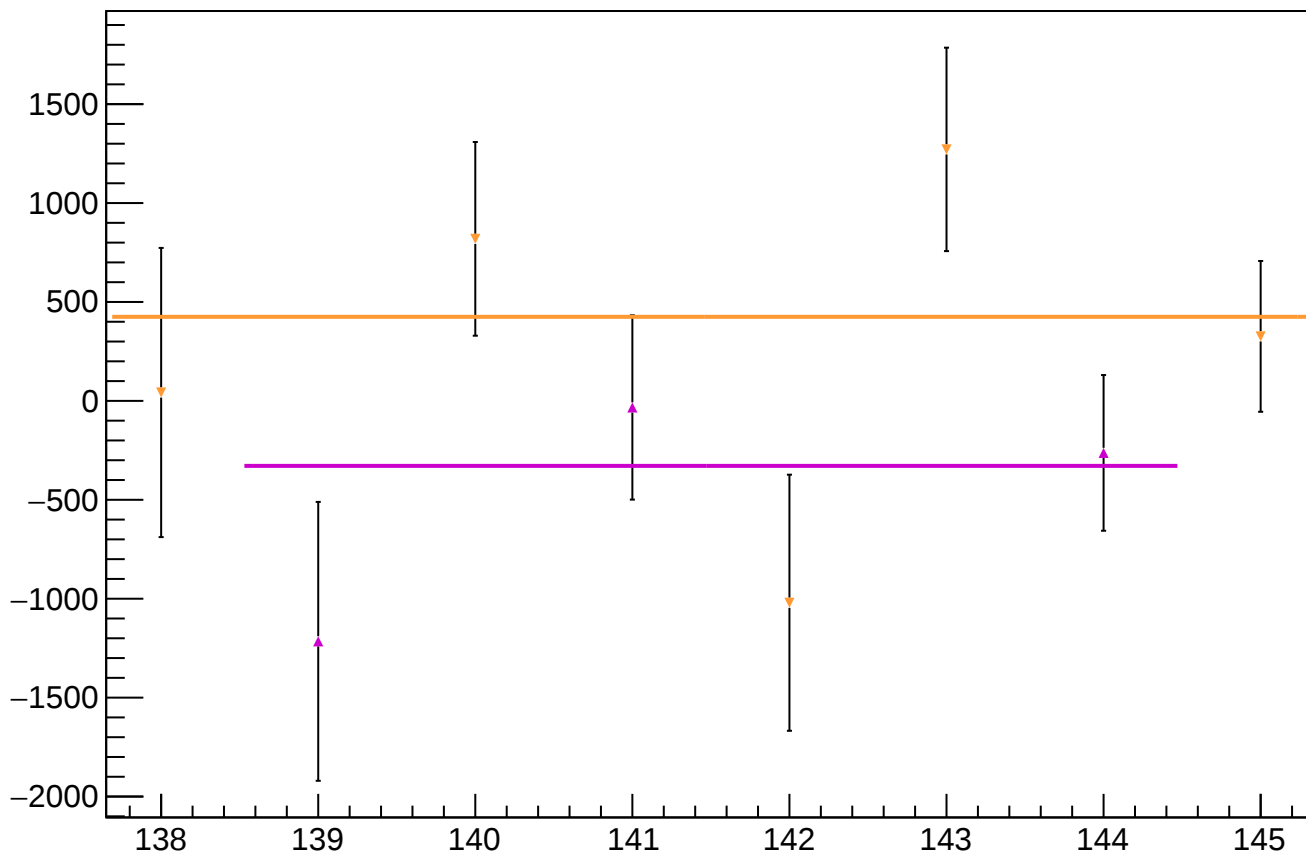
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 63.535 $\pm$ 0.015 χ^2 /NDF:417111.6/19

Out: 62.235 $\pm$ 0.014 χ^2 /NDF:757815.2/23

All: 62.832 $\pm$ 0.010 χ^2 /NDF: 1178931.0/43

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 424.893+/-228.826 χ^2/NDF : 8.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -328.534+/-276.500 χ^2/NDF : 2.0/2

Left: 118.633+/-176.287 χ^2/NDF : 15.1/7

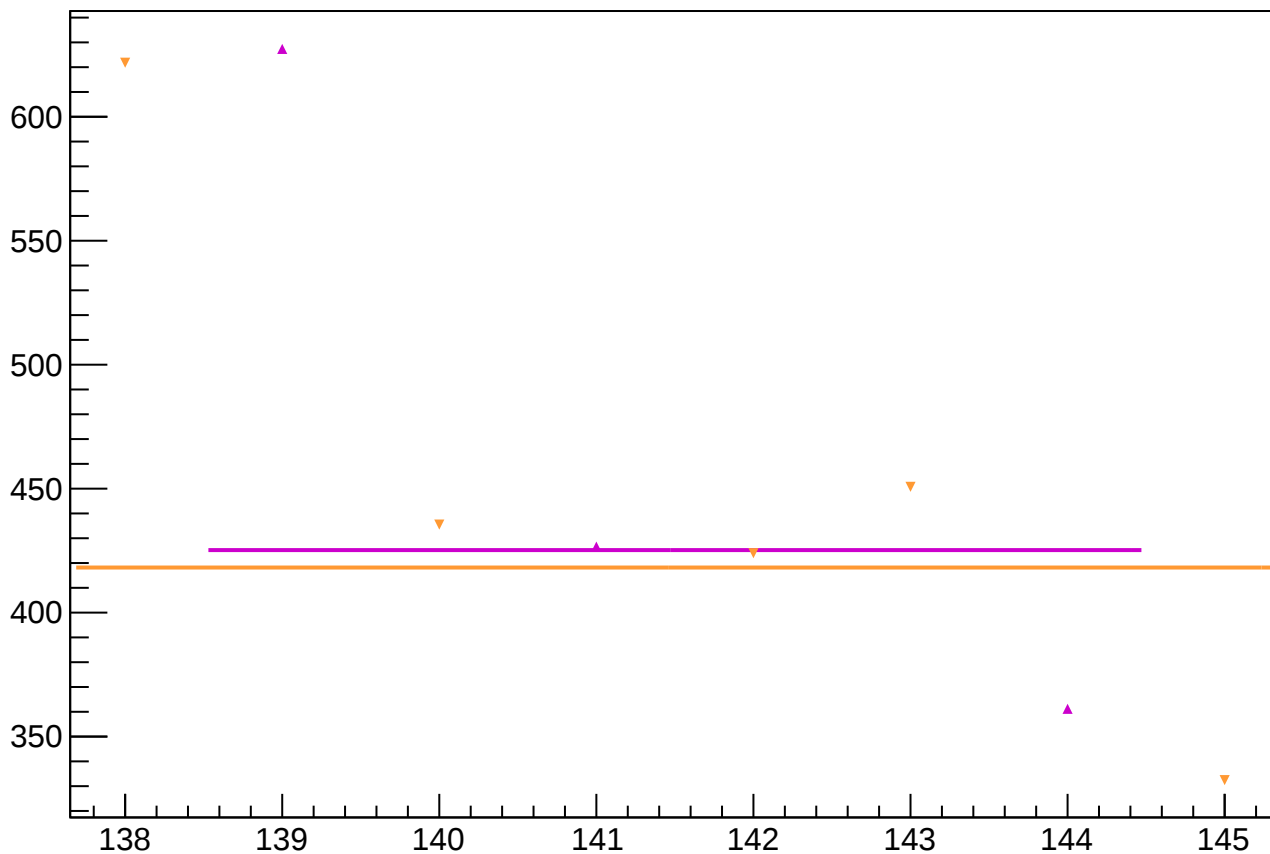
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -328.534+/-276.500 χ^2/NDF : 2.0/2

Out: 424.893+/-228.826 χ^2/NDF : 8.7/4

All: 118.633+/-176.287 χ^2/NDF : 15.1/7

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 418.186+/-0.162 χ^2/NDF :267155.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 425.219+/-0.196 χ^2/NDF :217431.2/2

Left: 421.045+/-0.125 χ^2/NDF : 485354.6/7

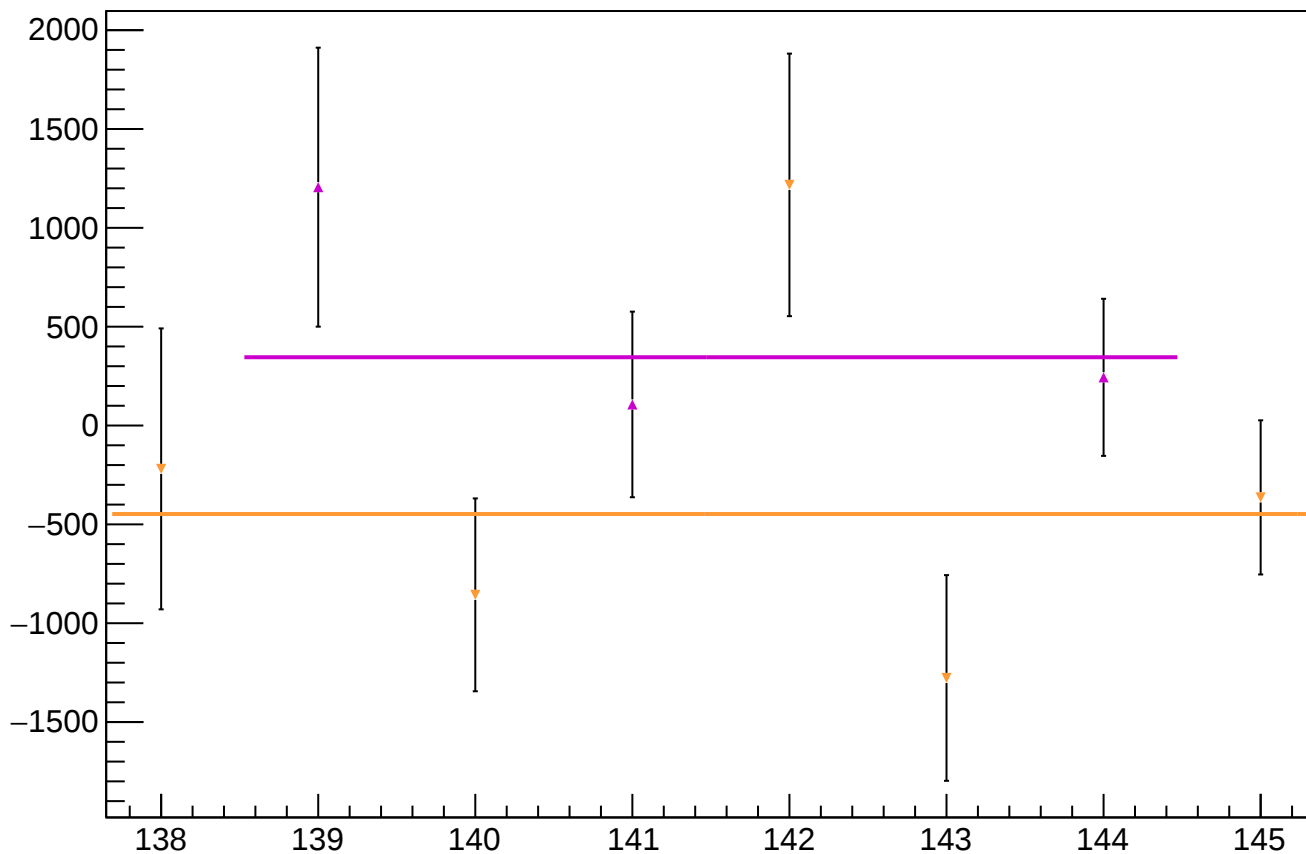
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 425.219+/-0.196 χ^2/NDF :217431.2/2

Out: 418.186+/-0.162 χ^2/NDF :267155.4/4

All: 421.045+/-0.125 χ^2/NDF : 485354.6/7

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -447.694+/-231.105 χ^2/NDF :9.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 345.477+/-278.641 χ^2/NDF :1.8/2

Left: -124.437+/-177.883 χ^2/NDF : 16.3/7

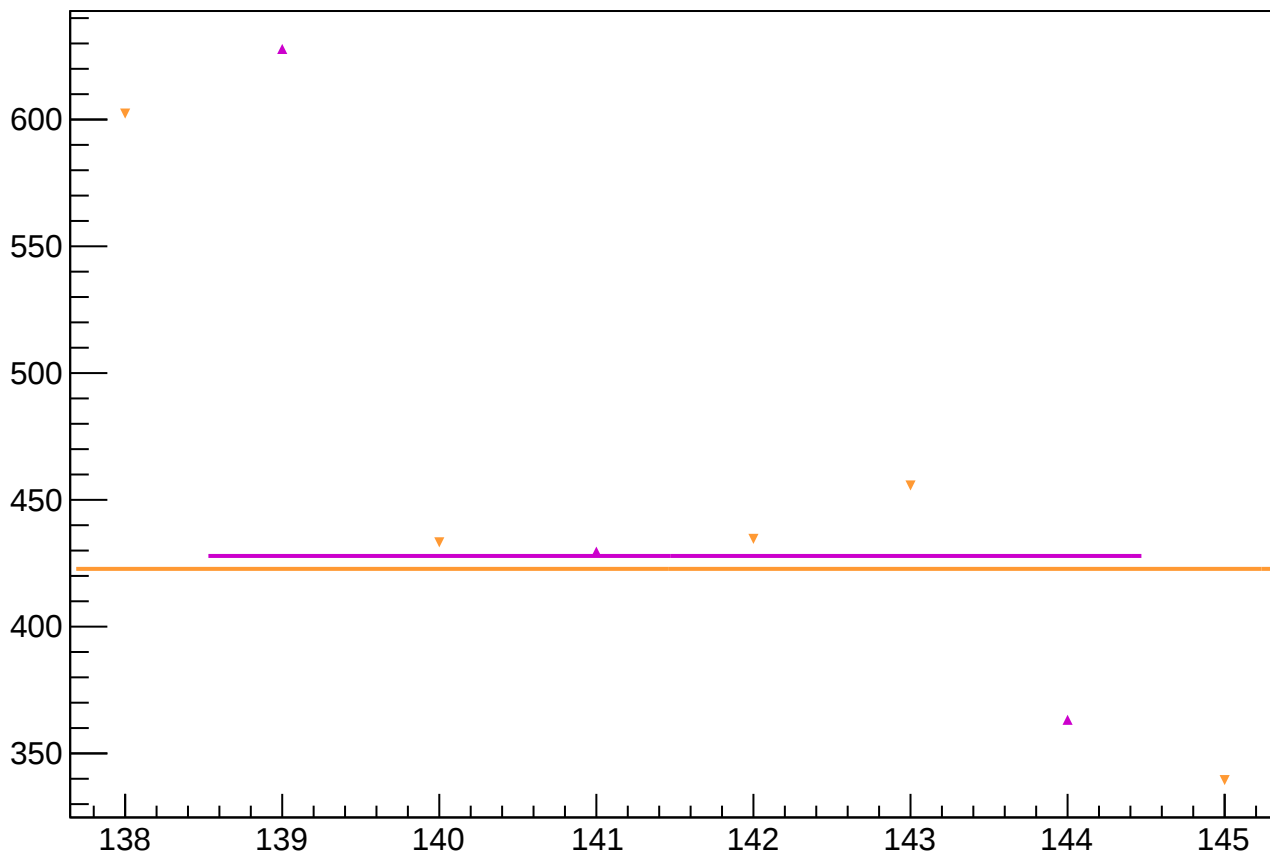
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.477+/-278.641 χ^2/NDF :1.8/2

Out: -447.694+/-231.105 χ^2/NDF :9.7/4

All: -124.437+/-177.883 χ^2/NDF : 16.3/7

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 422.780+/-0.163 χ^2/NDF :228567.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 427.878+/-0.197 χ^2/NDF :213540.4/2

Left: 424.858+/-0.126 χ^2/NDF : 442504.0/7

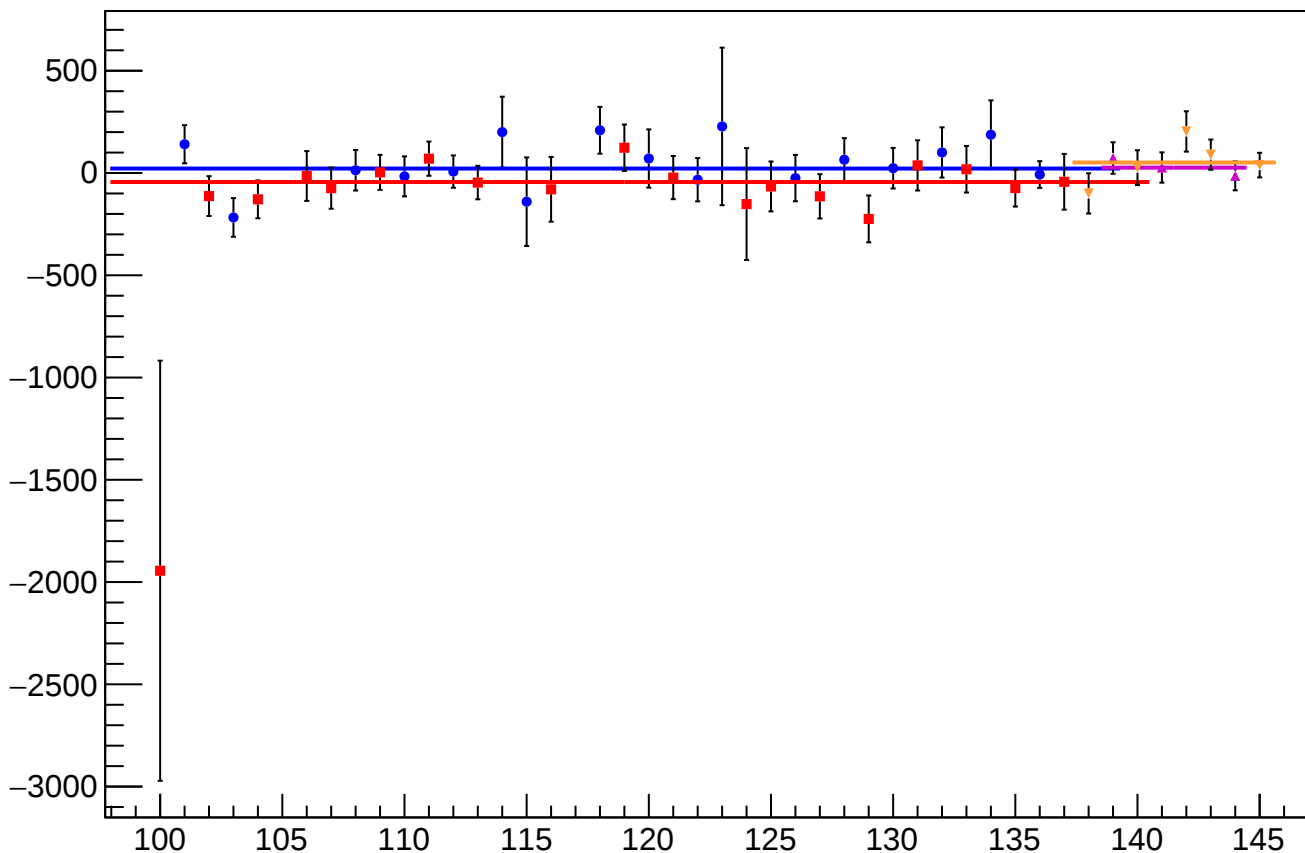
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.878+/-0.197 χ^2/NDF :213540.4/2

Out: 422.780+/-0.163 χ^2/NDF :228567.0/4

All: 424.858+/-0.126 χ^2/NDF : 442504.0/7

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 51.461 $\pm$ 35.255 χ^2 /NDF: 5.1/4

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 26.335 $\pm$ 42.637 χ^2 /NDF: 0.7/2

Left: 41.258 $\pm$ 27.170 χ^2 /NDF: 6.0/7

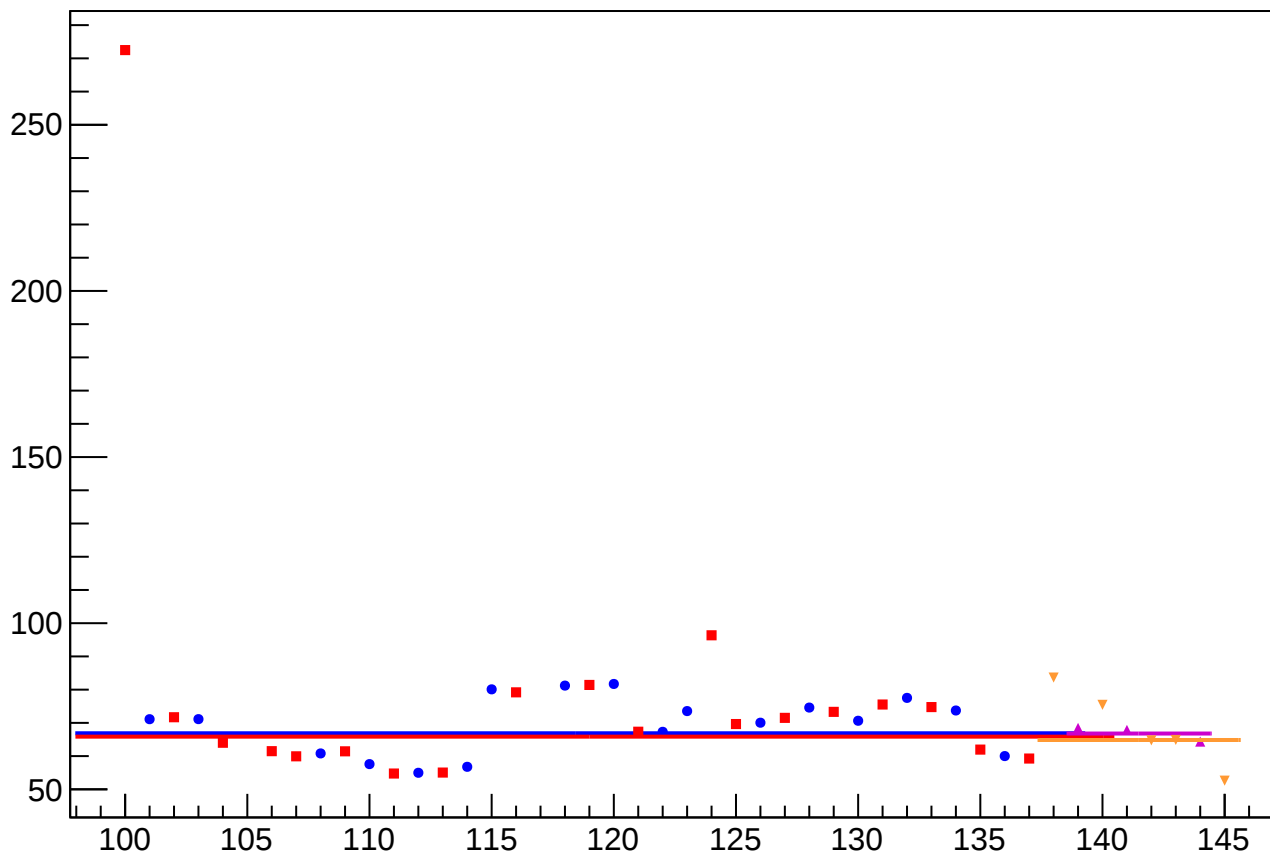
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 23.111 $\pm$ 22.232 χ^2 /NDF: 15.8/19

Out: -11.844 $\pm$ 20.452 χ^2 /NDF: 23.3/23

All: 4.178 $\pm$ 15.052 χ^2 /NDF: 40.4/43

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 64.847 $\pm$ 0.025 χ^2 /NDF:186826.0/4

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 66.792 $\pm$ 0.030 χ^2 /NDF:3750.8/2

Left: 65.637 $\pm$ 0.019 χ^2 /NDF: 193048.1/7

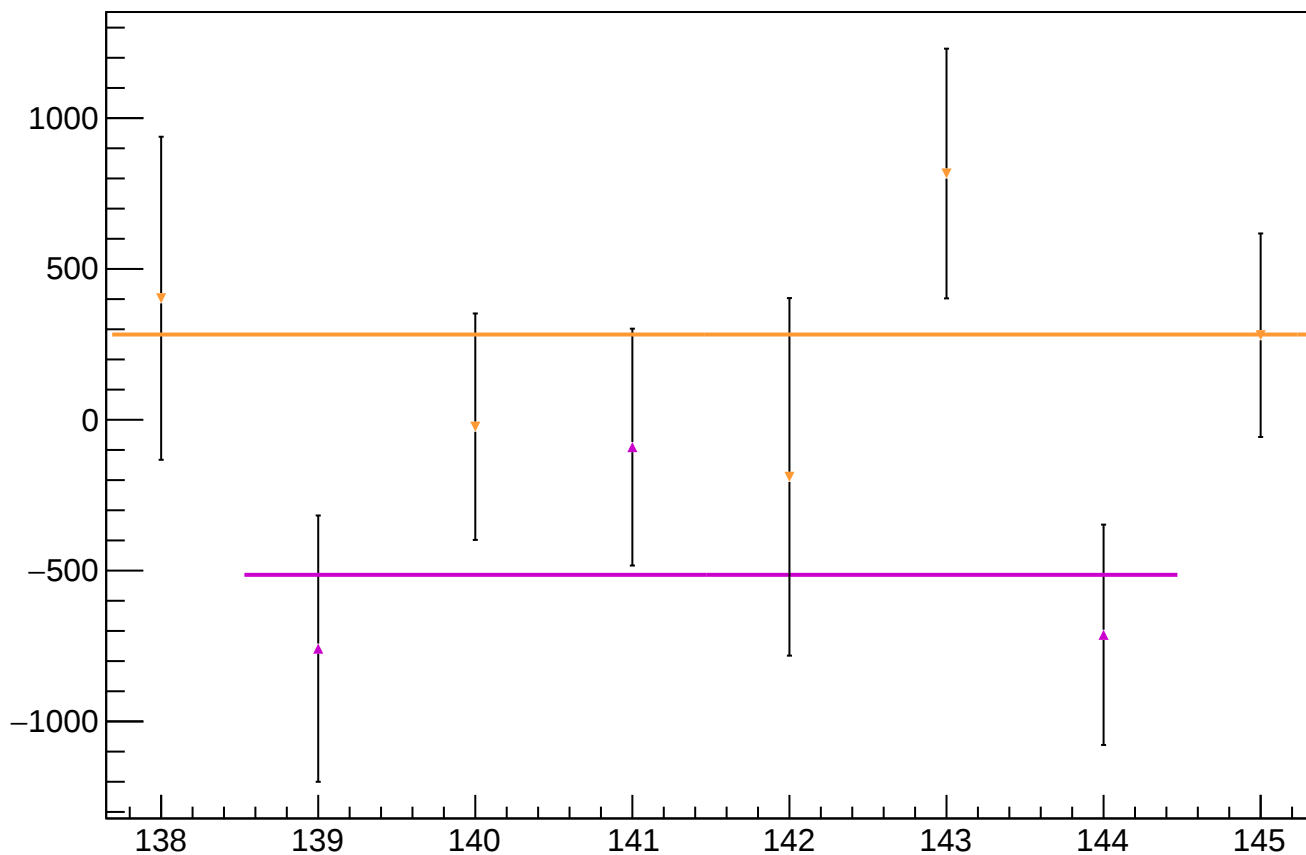
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 66.850 $\pm$ 0.016 χ^2 /NDF:206271.5/19

Out: 65.515 $\pm$ 0.014 χ^2 /NDF:487781.8/23

All: 66.127 $\pm$ 0.011 χ^2 /NDF: 697959.4/43

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.669+/-188.784 χ^2/NDF : 3.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -513.999+/-228.704 χ^2/NDF : 1.8/2

Left: -40.178+/-145.591 χ^2/NDF : 12.0/7

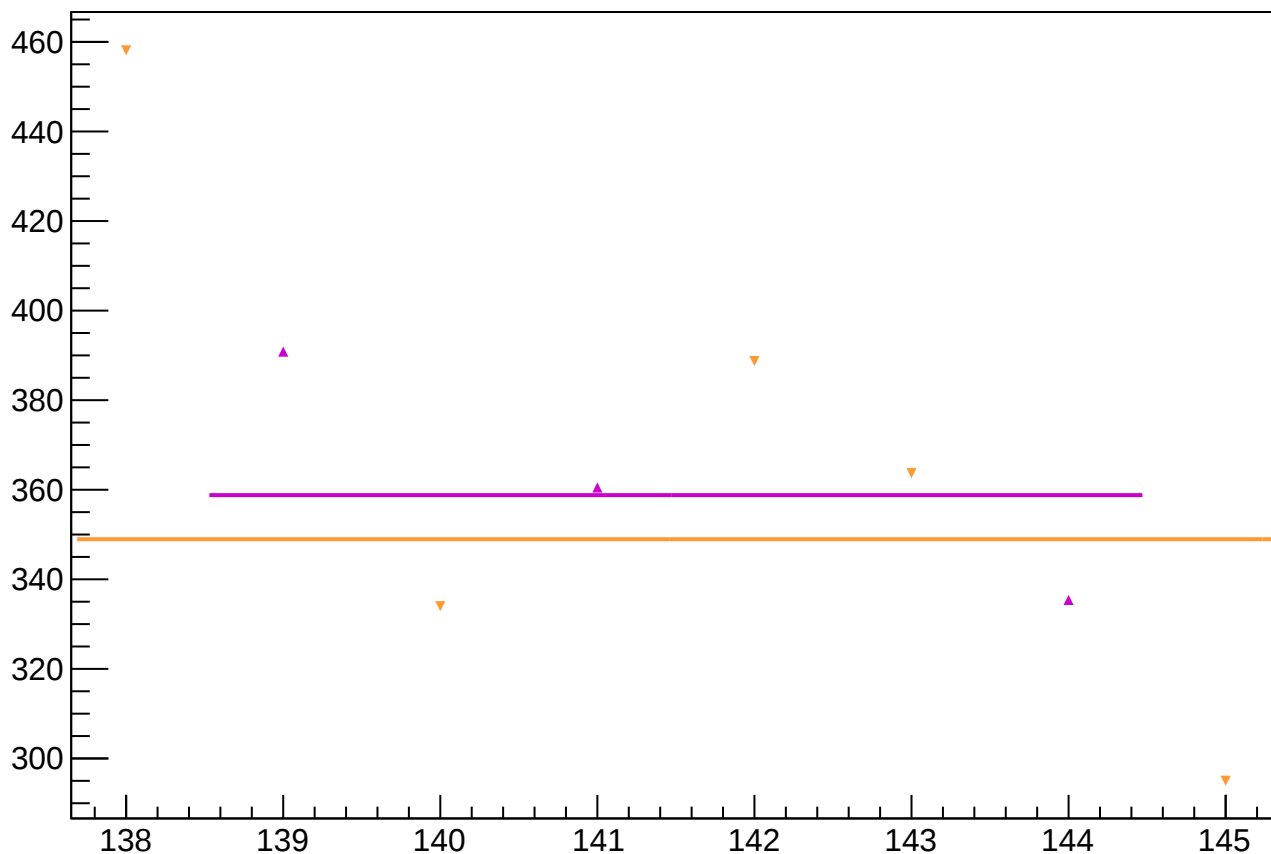
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -513.999+/-228.704 χ^2/NDF : 1.8/2

Out: 282.669+/-188.784 χ^2/NDF : 3.0/4

All: -40.178+/-145.591 χ^2/NDF : 12.0/7

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 348.956+/-0.133 χ^2/NDF :148959.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 358.800+/-0.162 χ^2/NDF :18794.0/2

Left: 352.945+/-0.103 χ^2/NDF : 169957.1/7

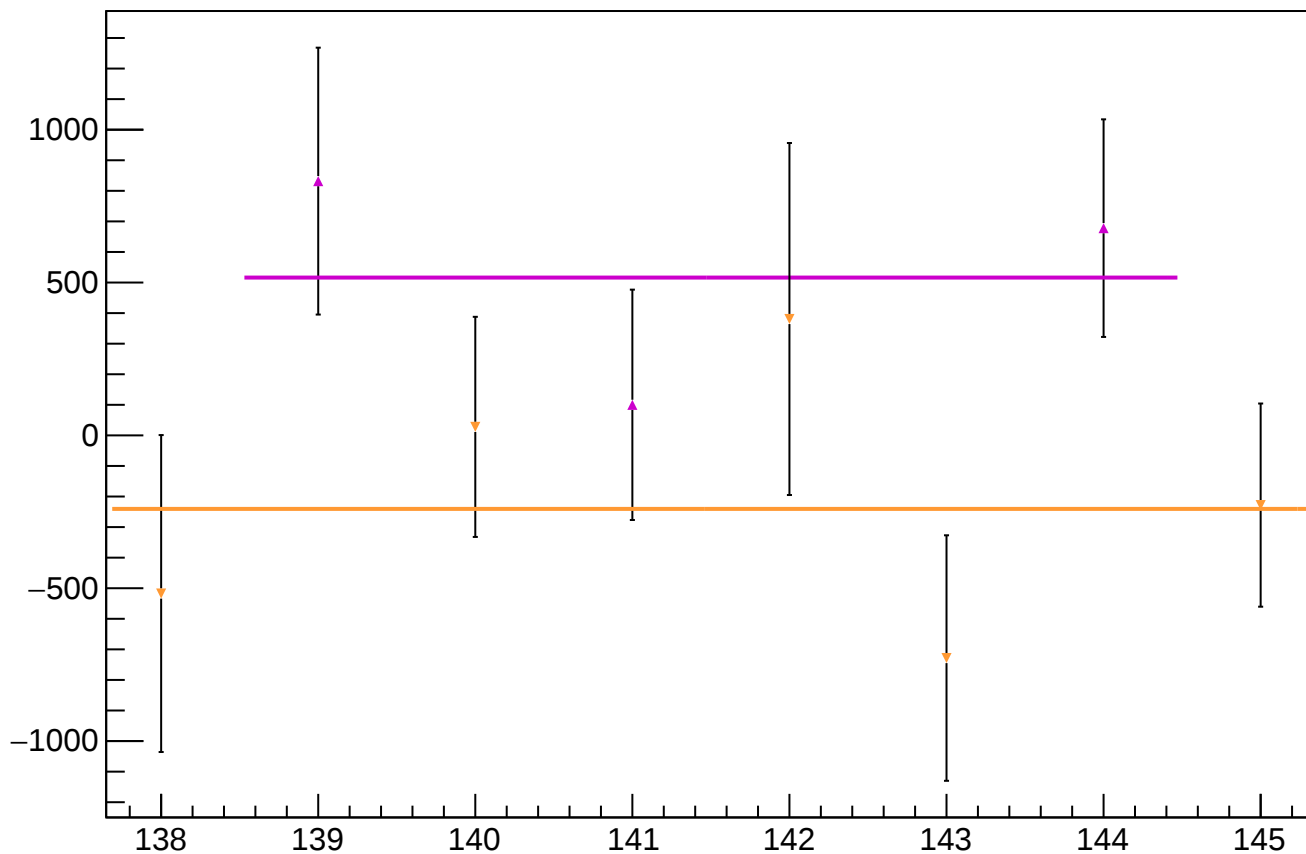
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.800+/-0.162 χ^2/NDF :18794.0/2

Out: 348.956+/-0.133 χ^2/NDF :148959.7/4

All: 352.945+/-0.103 χ^2/NDF : 169957.1/7

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -240.491+/-183.471 χ^2/NDF : 3.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 516.244+/-222.577 χ^2/NDF : 1.9/2

Left: 65.666+/-141.573 χ^2/NDF : 12.3/7

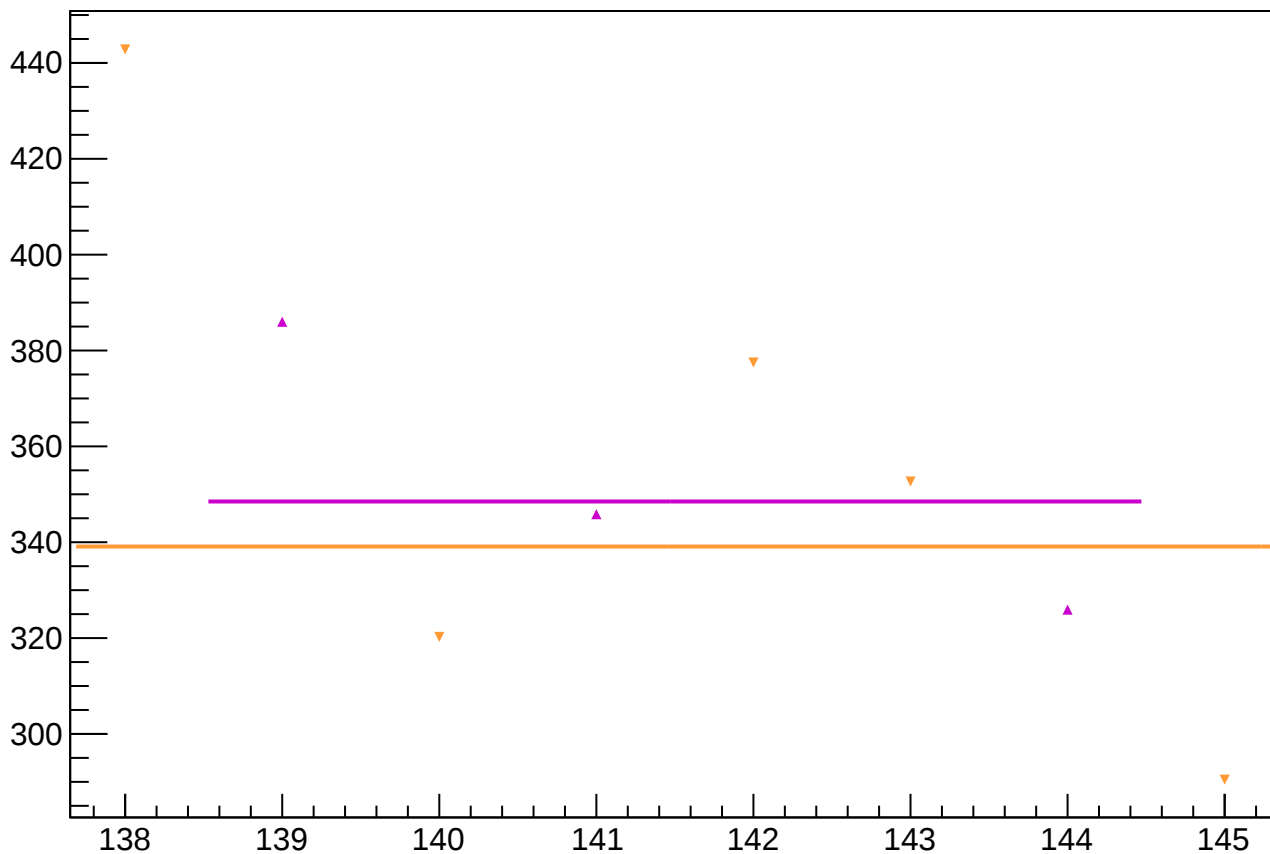
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 516.244+/-222.577 χ^2/NDF : 1.9/2

Out: -240.491+/-183.471 χ^2/NDF : 3.5/4

All: 65.666+/-141.573 χ^2/NDF : 12.3/7

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 339.100+/-0.130 χ^2/NDF :139566.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 348.501+/-0.157 χ^2/NDF :22891.6/2

Left: 342.903+/-0.100 χ^2/NDF : 164582.4/7

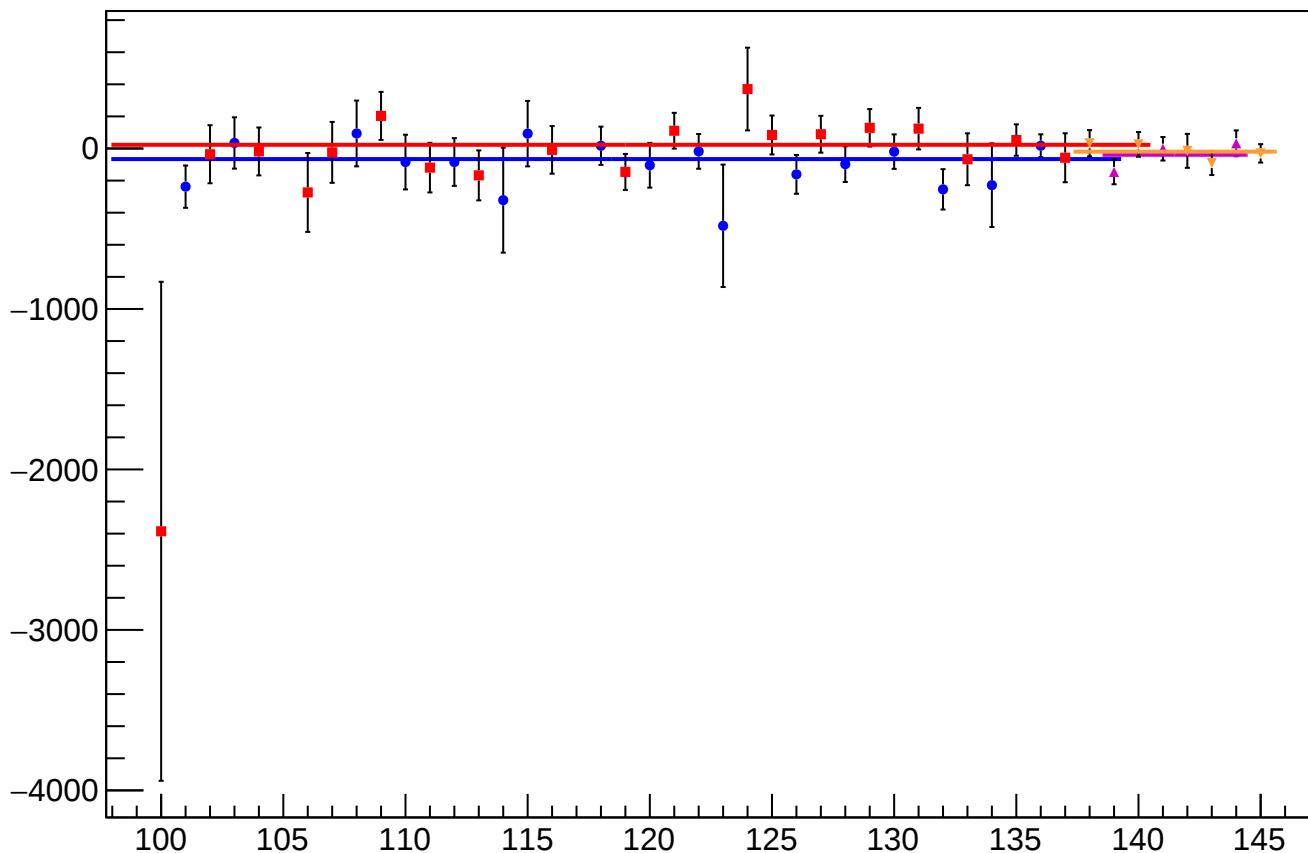
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.501+/-0.157 χ^2/NDF :22891.6/2

Out: 339.100+/-0.130 χ^2/NDF :139566.1/4

All: 342.903+/-0.100 χ^2/NDF : 164582.4/7

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -19.586 ± 33.588 χ^2/NDF : 1.7/4

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -39.175 ± 44.325 χ^2/NDF : 3.0/2

Left: -26.731 ± 26.770 χ^2/NDF : 4.8/7

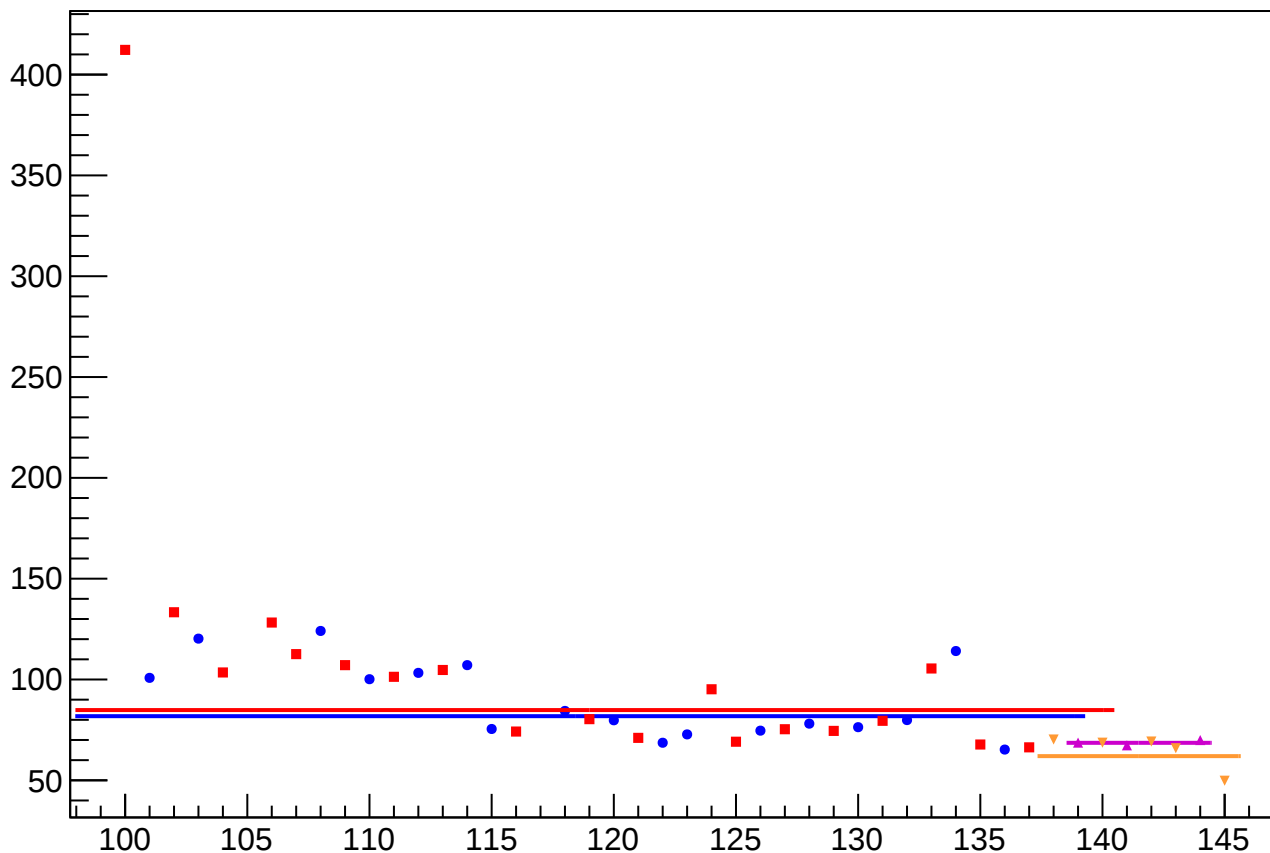
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -56.684 ± 26.099 χ^2/NDF : 14.0/19

Out: 2.177 ± 23.460 χ^2/NDF : 17.8/23

All: -24.129 ± 17.447 χ^2/NDF : 34.6/43

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 61.991 $\pm$ 0.024 χ^2/NDF : 140079.6/4

Right Out: 84.836 $\pm$ 0.023 χ^2/NDF : 704648.9/18

Left In: 68.593 $\pm$ 0.031 χ^2/NDF : 1155.1/2

Left: 64.399 $\pm$ 0.019 χ^2/NDF : 169419.8/7

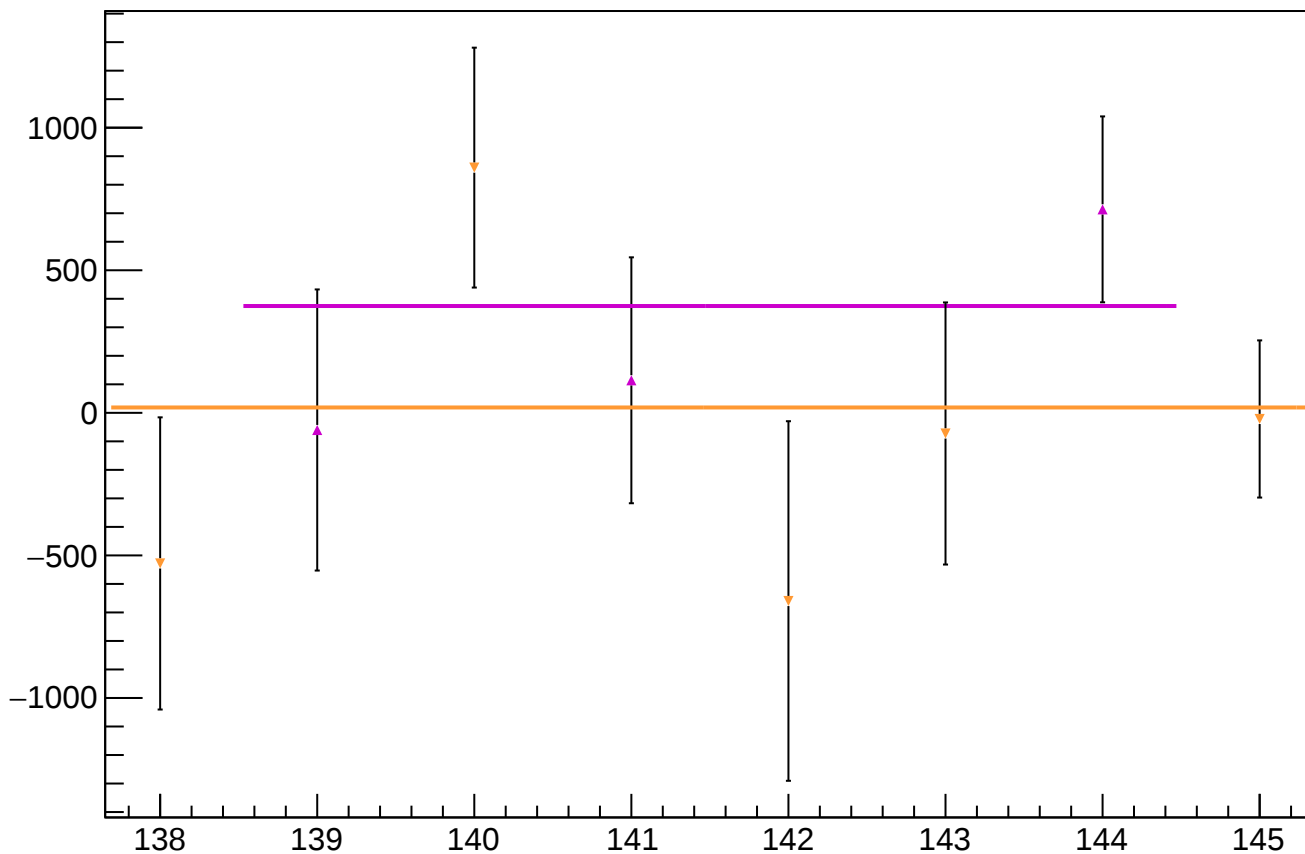
Right: 83.300 $\pm$ 0.016 χ^2/NDF : 1220504.3/35

In: 77.227 $\pm$ 0.018 χ^2/NDF : 624497.6/19

Out: 73.691 $\pm$ 0.017 χ^2/NDF : 1318570.6/23

All: 75.271 $\pm$ 0.012 χ^2/NDF : 1963374.3/43

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 18.829+/-182.948 χ^2/NDF : 6.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 374.624+/-229.993 χ^2/NDF : 2.2/2

Left: 156.711+/-143.176 χ^2/NDF : 10.0/7

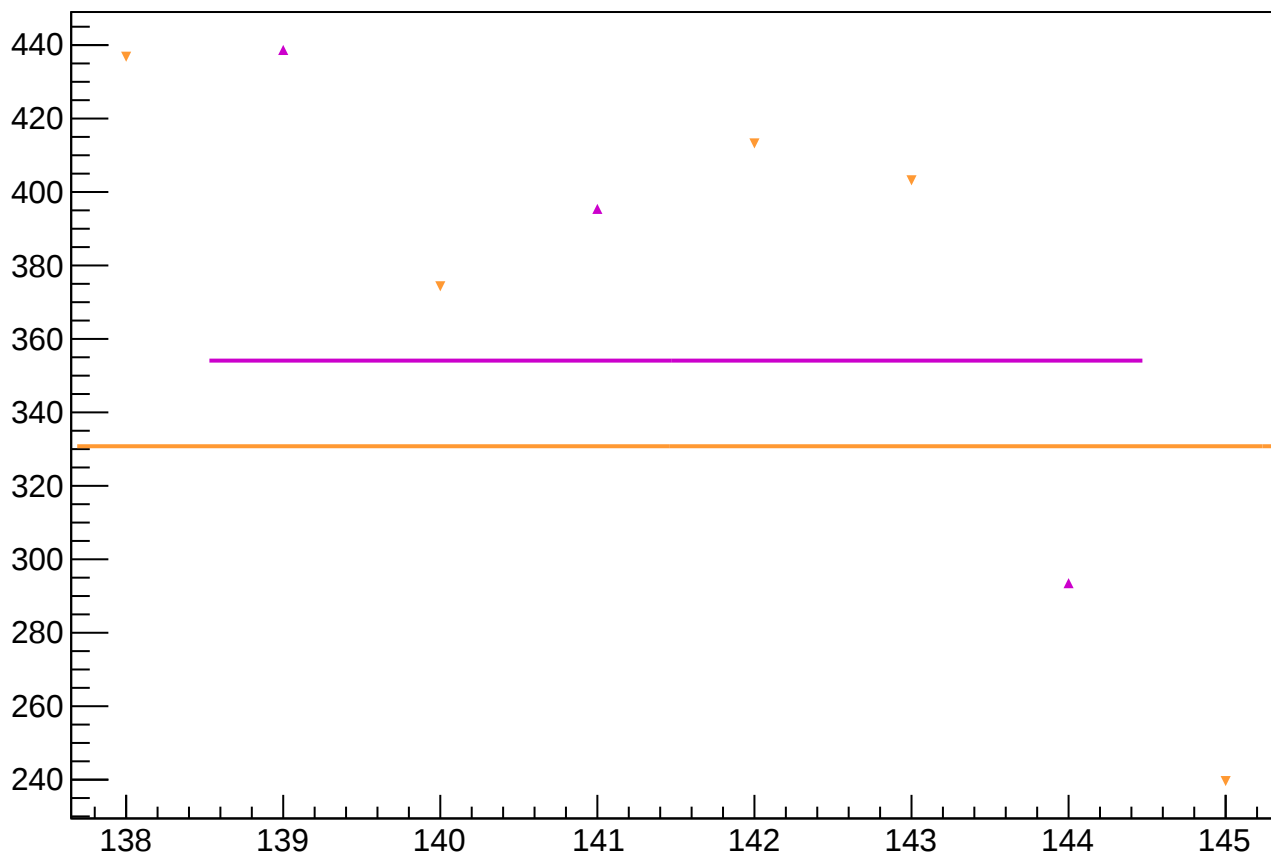
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 374.624+/-229.993 χ^2/NDF : 2.2/2

Out: 18.829+/-182.948 χ^2/NDF : 6.4/4

All: 156.711+/-143.176 χ^2/NDF : 10.0/7

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 330.781+/-0.129 χ^2/NDF :409817.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 354.096+/-0.163 χ^2/NDF :146351.3/2

Left: 339.816+/-0.101 χ^2/NDF : 568757.4/7

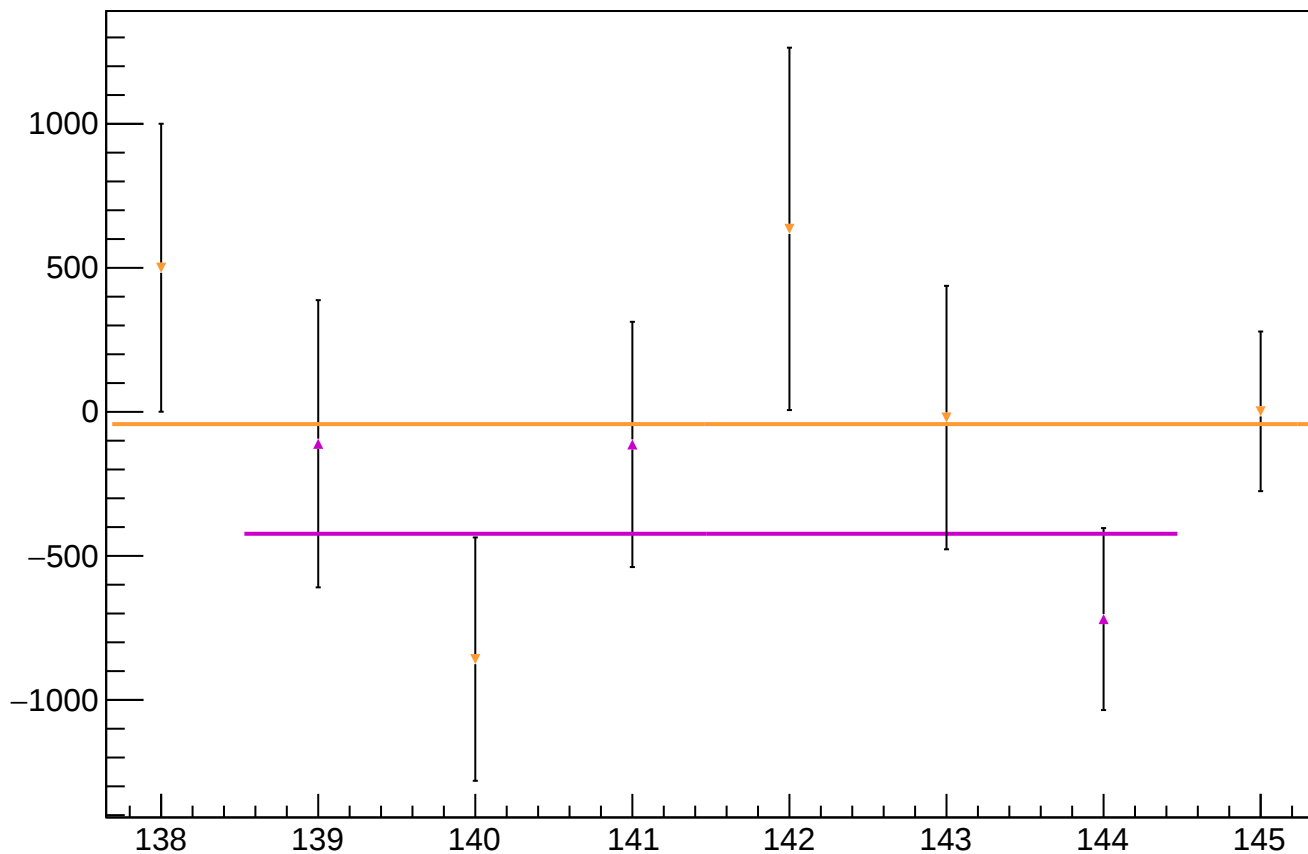
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.096+/-0.163 χ^2/NDF :146351.3/2

Out: 330.781+/-0.129 χ^2/NDF :409817.6/4

All: 339.816+/-0.101 χ^2/NDF : 568757.4/7

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -42.458 ± 182.772 χ^2/NDF : 6.1/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -423.164 ± 226.091 χ^2/NDF : 1.8/2

Left: -192.923 ± 142.137 χ^2/NDF : 9.6/7

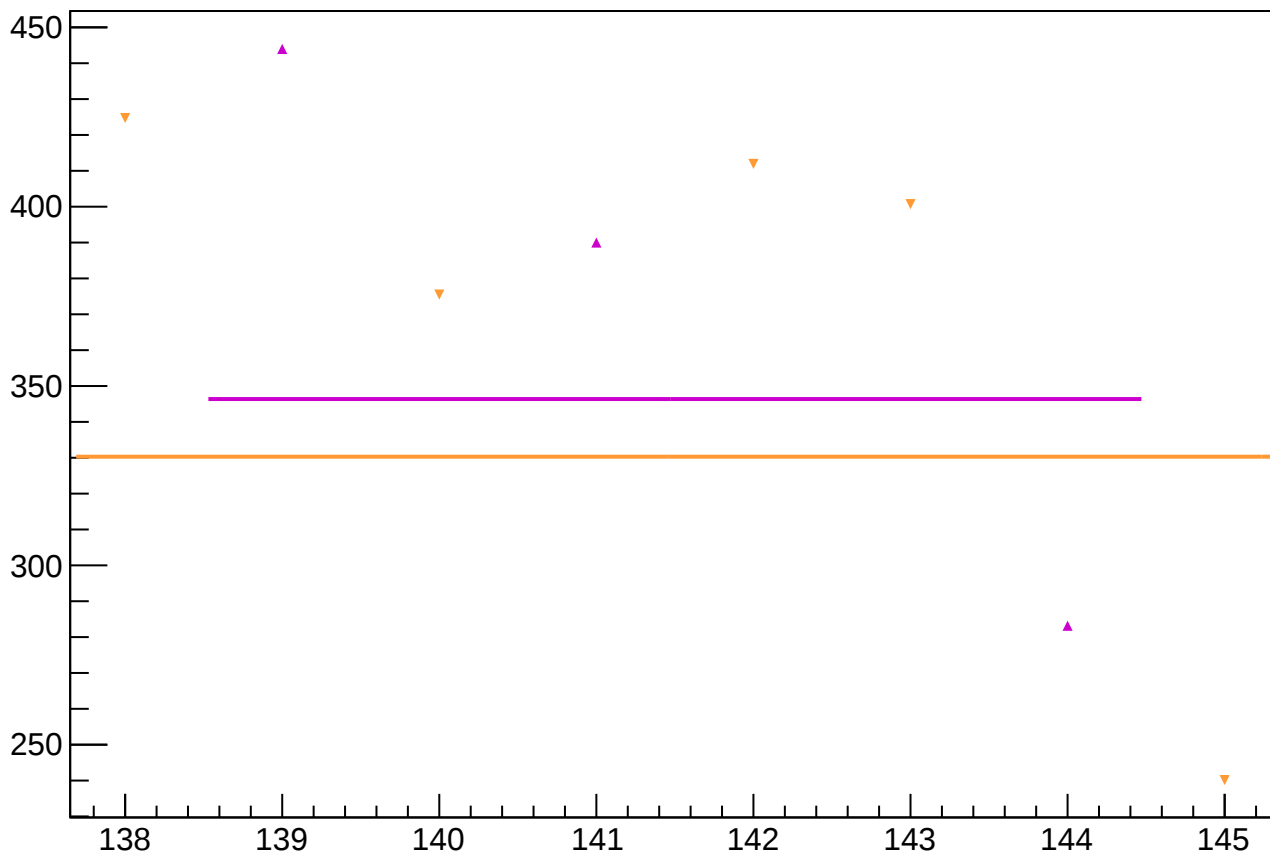
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -423.164 ± 226.091 χ^2/NDF : 1.8/2

Out: -42.458 ± 182.772 χ^2/NDF : 6.1/4

All: -192.923 ± 142.137 χ^2/NDF : 9.6/7

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 330.298+/-0.129 χ^2/NDF : 387097.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 346.369+/-0.160 χ^2/NDF : 177766.7/2

Left: 336.650+/-0.101 χ^2/NDF : 570975.8/7

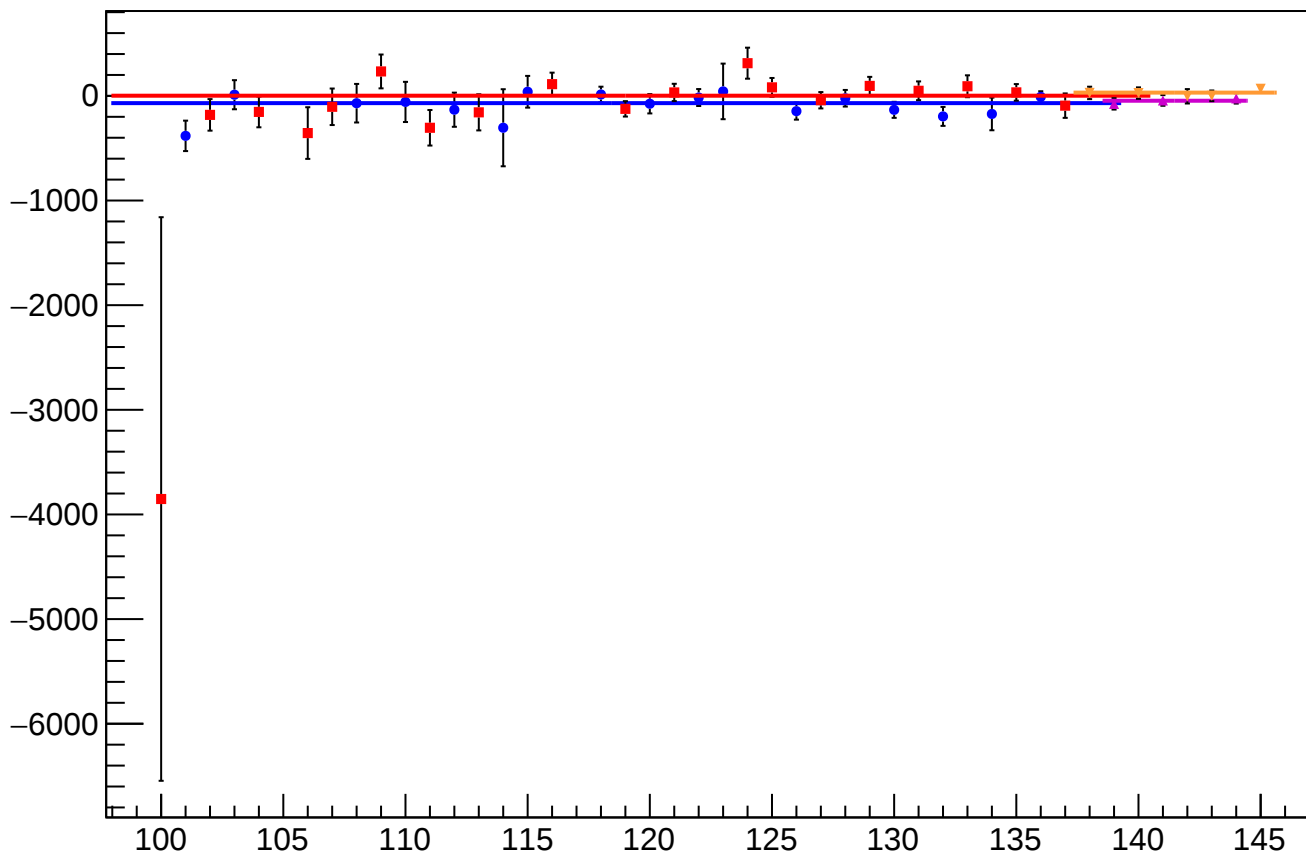
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.369+/-0.160 χ^2/NDF : 177766.7/2

Out: 330.298+/-0.129 χ^2/NDF : 387097.6/4

All: 336.650+/-0.101 χ^2/NDF : 570975.8/7

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 31.296 ± 23.561 χ^2/NDF : 1.4/4

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -46.366 ± 29.697 χ^2/NDF : 0.5/2

Left: 1.295 ± 18.458 χ^2/NDF : 6.1/7

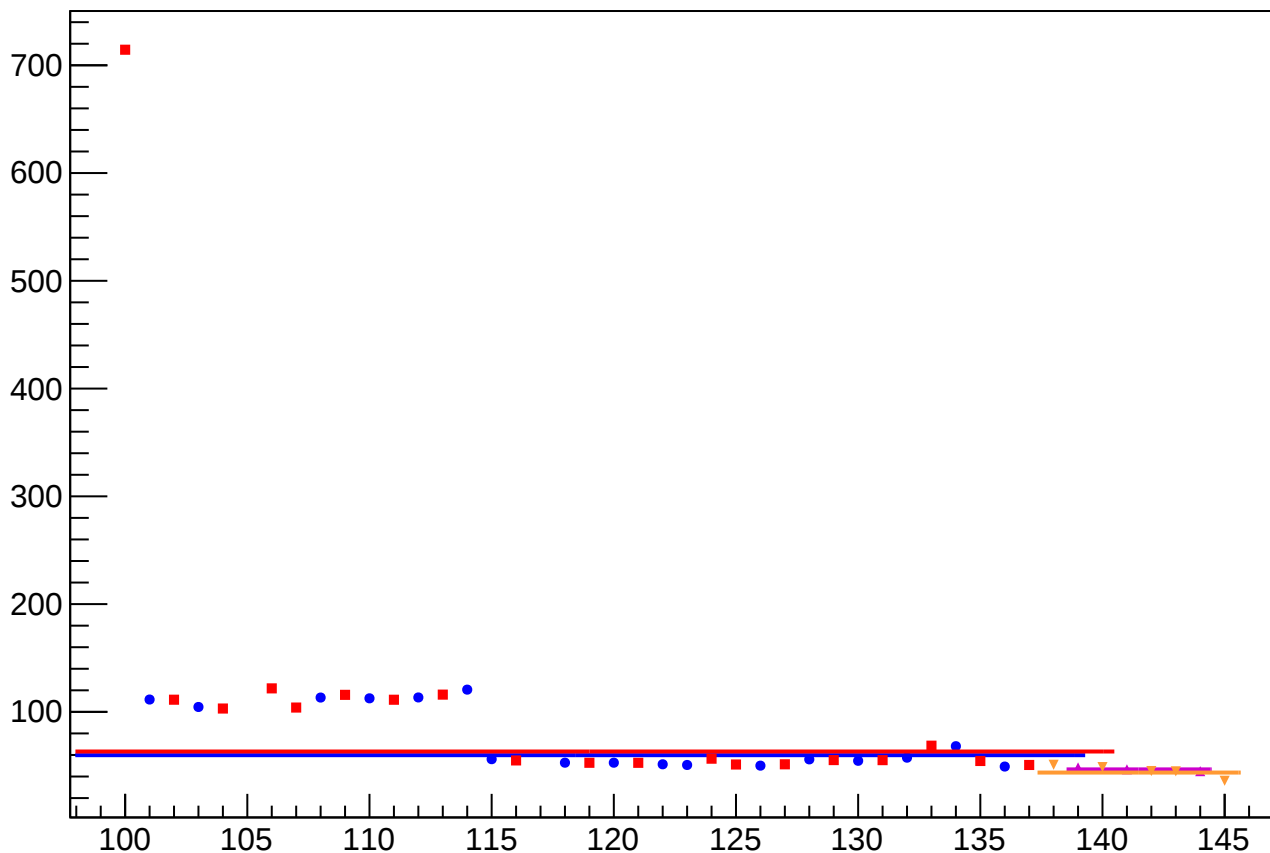
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -60.054 ± 18.788 χ^2/NDF : 14.3/19

Out: 17.504 ± 17.206 χ^2/NDF : 28.0/23

All: -17.873 ± 12.689 χ^2/NDF : 51.6/43

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 43.683 $\pm$ 0.017 χ^2 /NDF: 116808.5/4

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 46.618 $\pm$ 0.021 χ^2 /NDF: 4480.6/2

Left: 44.817 $\pm$ 0.013 χ^2 /NDF: 133276.0/7

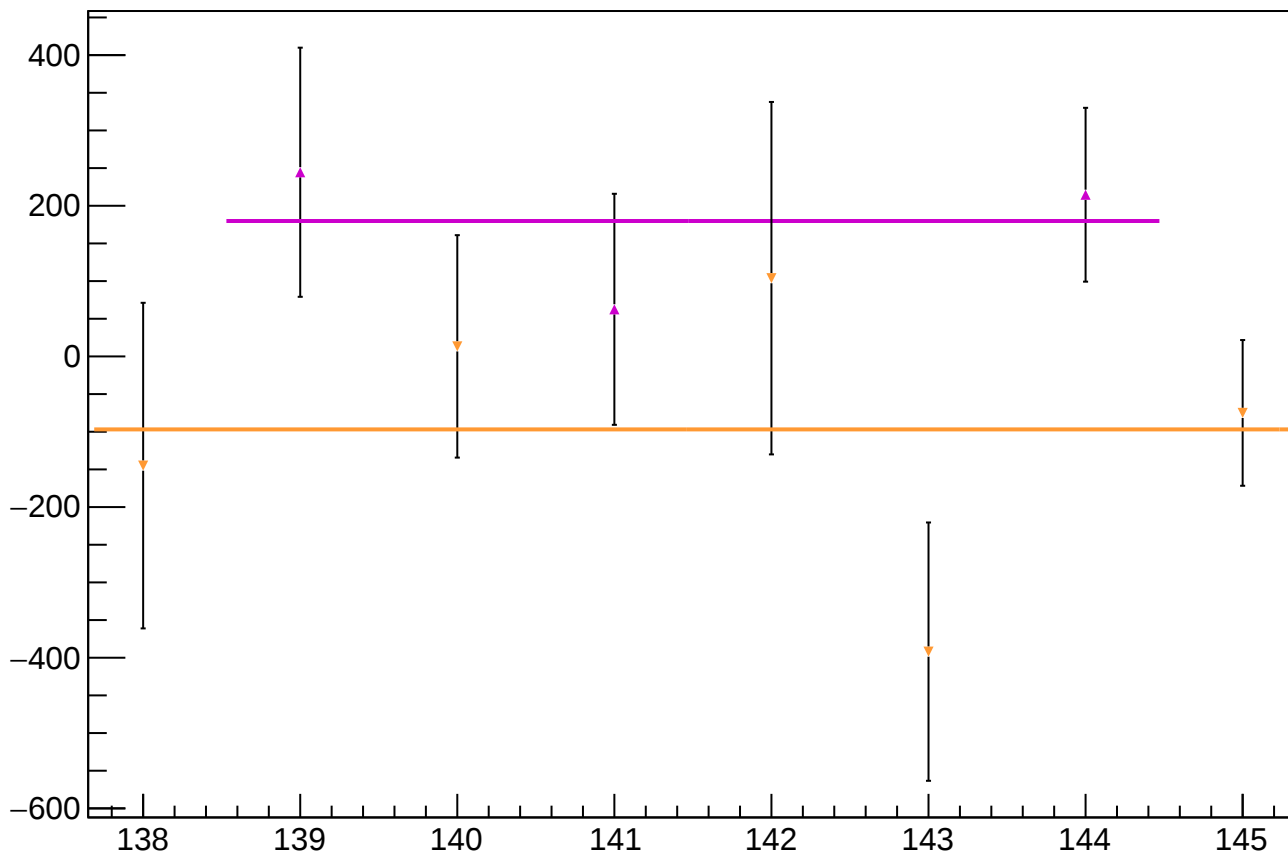
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 54.529 $\pm$ 0.013 χ^2 /NDF: 1471119.6/19

Out: 52.802 $\pm$ 0.012 χ^2 /NDF: 2263036.1/23

All: 53.590 $\pm$ 0.009 χ^2 /NDF: 3743343.7/43

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -96.885 $\pm$ 66.455 χ^2 /NDF:4.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 179.780 $\pm$ 80.533 χ^2 /NDF:0.8/2

Left: 15.189 $\pm$ 51.257 χ^2 /NDF: 12.2/7

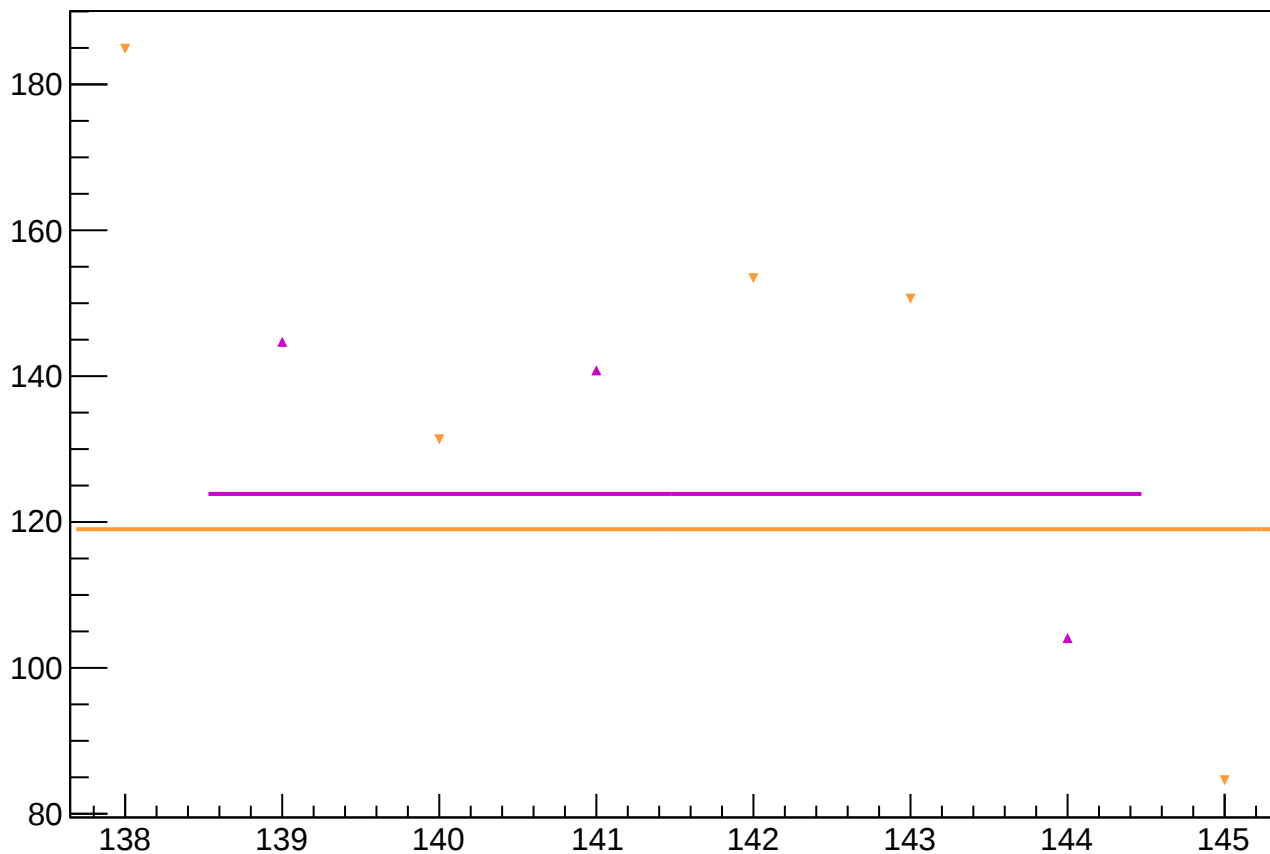
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 179.780 $\pm$ 80.533 χ^2 /NDF:0.8/2

Out: -96.885 $\pm$ 66.455 χ^2 /NDF:4.4/4

All: 15.189 $\pm$ 51.257 χ^2 /NDF: 12.2/7

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 119.011+/-0.047 χ^2/NDF :564189.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 123.852+/-0.057 χ^2/NDF :114856.6/2

Left: 120.972+/-0.036 χ^2/NDF : 683344.7/7

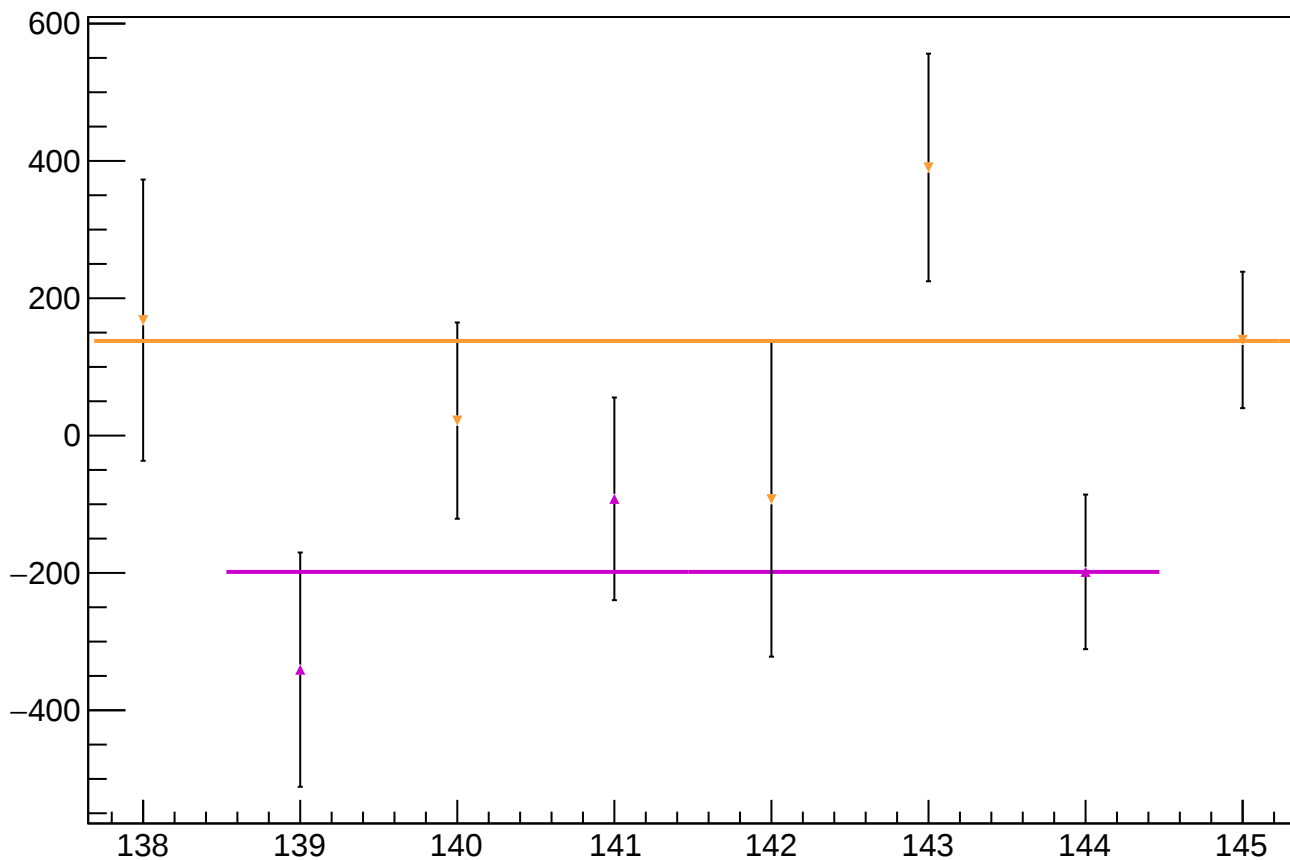
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.852+/-0.057 χ^2/NDF :114856.6/2

Out: 119.011+/-0.047 χ^2/NDF :564189.3/4

All: 120.972+/-0.036 χ^2/NDF : 683344.7/7

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.837+/-65.993 χ^2/NDF :4.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -198.523+/-79.254 χ^2/NDF :1.2/2

Left: 0.113+/-50.714 χ^2/NDF : 15.9/7

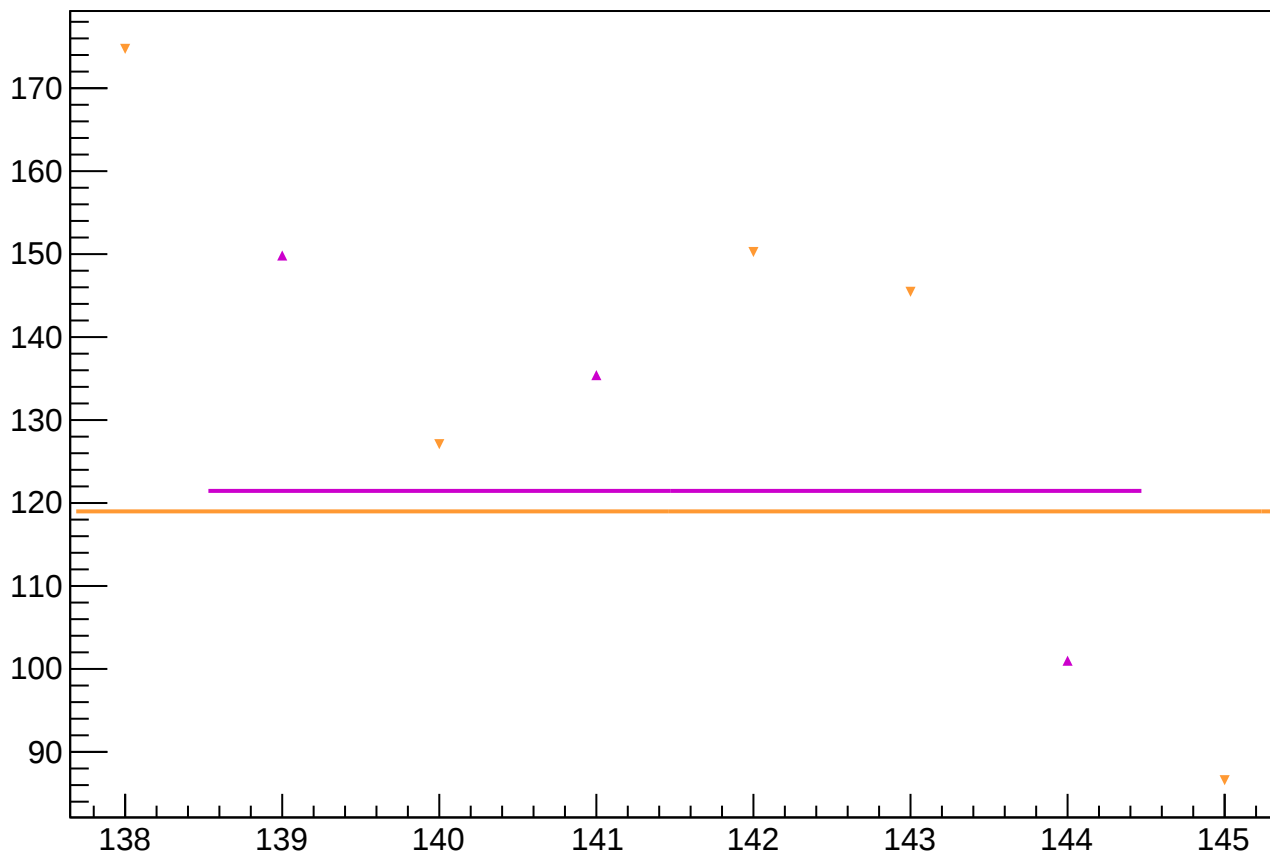
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.523+/-79.254 χ^2/NDF :1.2/2

Out: 137.837+/-65.993 χ^2/NDF :4.0/4

All: 0.113+/-50.714 χ^2/NDF : 15.9/7

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 118.991+/-0.047 χ^2/NDF : 455694.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Left: 120.002+/-0.036 χ^2/NDF : 596176.4/7

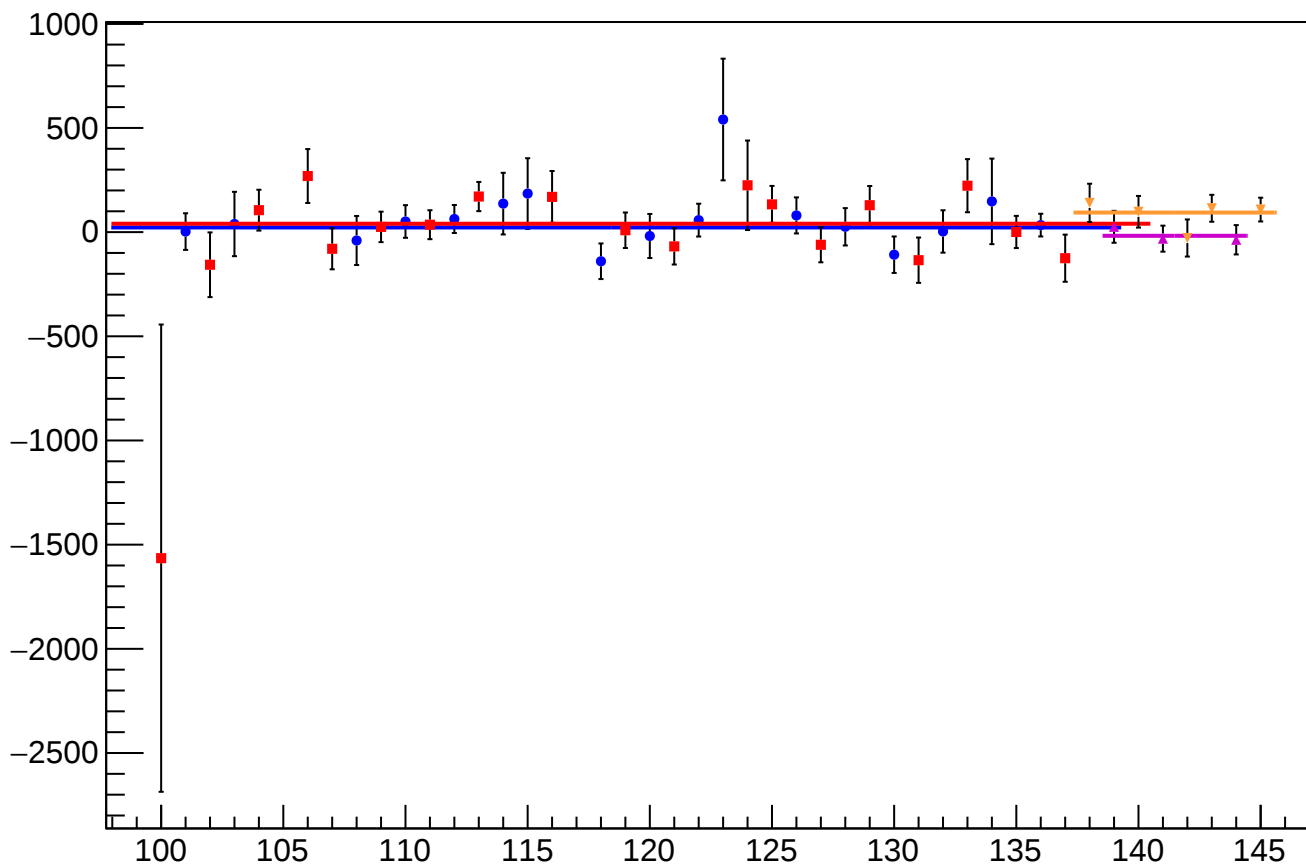
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Out: 118.991+/-0.047 χ^2/NDF : 455694.8/4

All: 120.002+/-0.036 χ^2/NDF : 596176.4/7

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 93.942 $\pm$ 32.197 χ^2 /NDF: 2.3/4

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: -17.669 $\pm$ 39.888 χ^2 /NDF: 0.4/2

Left: 49.910 $\pm$ 25.054 χ^2 /NDF: 7.5/7

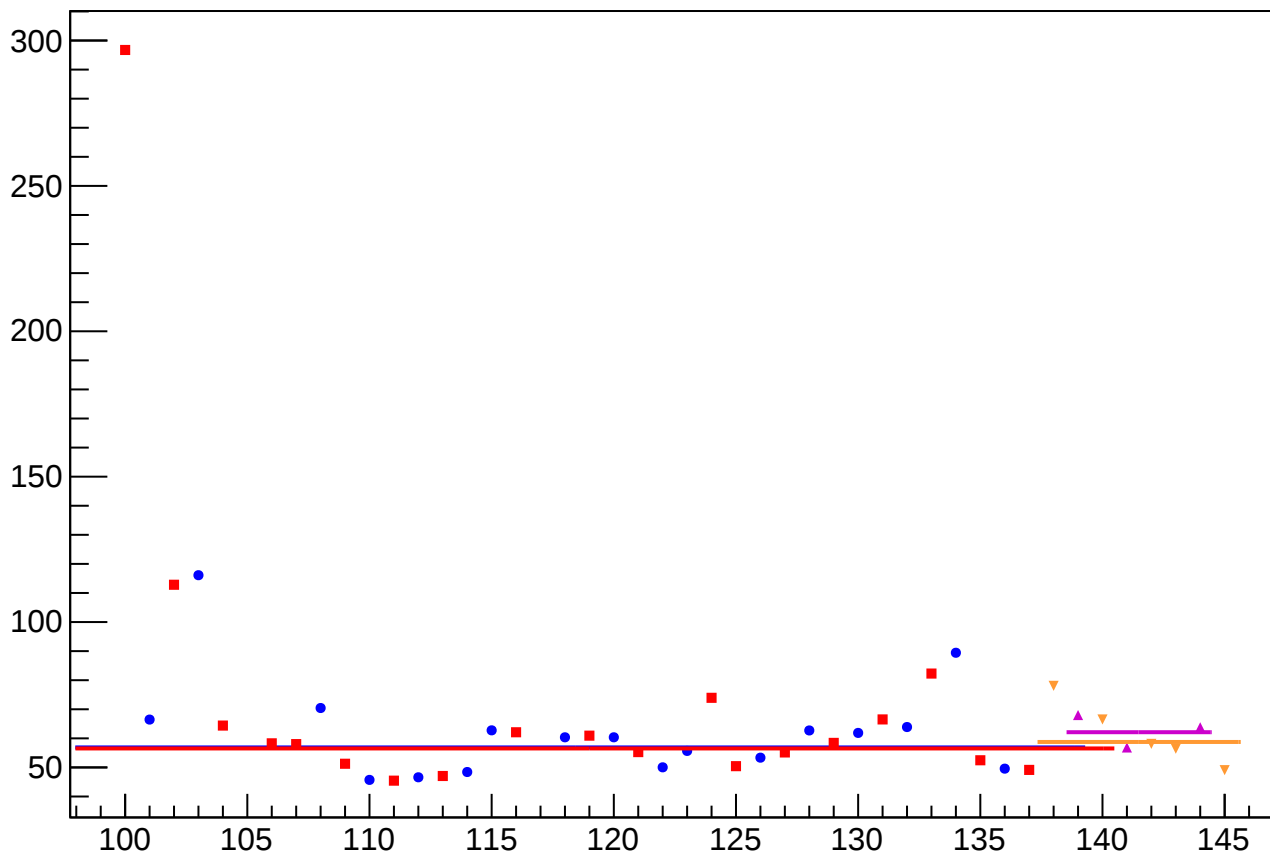
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 12.617 $\pm$ 19.679 χ^2 /NDF: 13.8/19

Out: 57.473 $\pm$ 18.239 χ^2 /NDF: 30.4/23

All: 36.747 $\pm$ 13.377 χ^2 /NDF: 47.0/43

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 58.759 $\pm$ 0.023 χ^2 /NDF: 169445.0/4

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 62.115 $\pm$ 0.028 χ^2 /NDF: 27187.0/2

Left: 60.083 $\pm$ 0.018 χ^2 /NDF: 205207.7/7

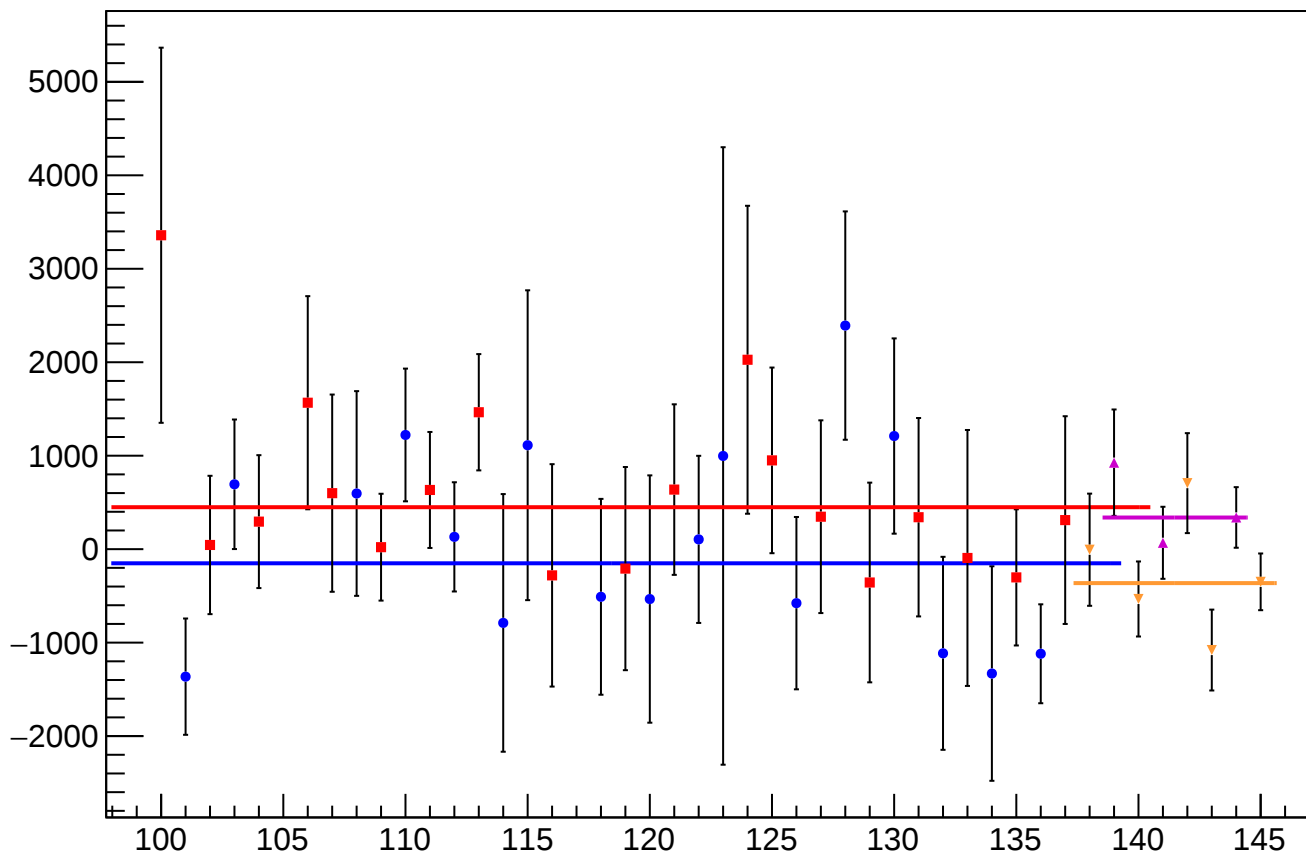
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 58.153 $\pm$ 0.014 χ^2 /NDF: 628753.4/19

Out: 57.244 $\pm$ 0.013 χ^2 /NDF: 788240.0/23

All: 57.664 $\pm$ 0.009 χ^2 /NDF: 1419293.3/43

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -363.218+/-186.713 χ^2/NDF : 7.3/4

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 338.445+/-227.413 χ^2/NDF : 1.6/2

Left: -80.687+/-144.306 χ^2/NDF : 14.5/7

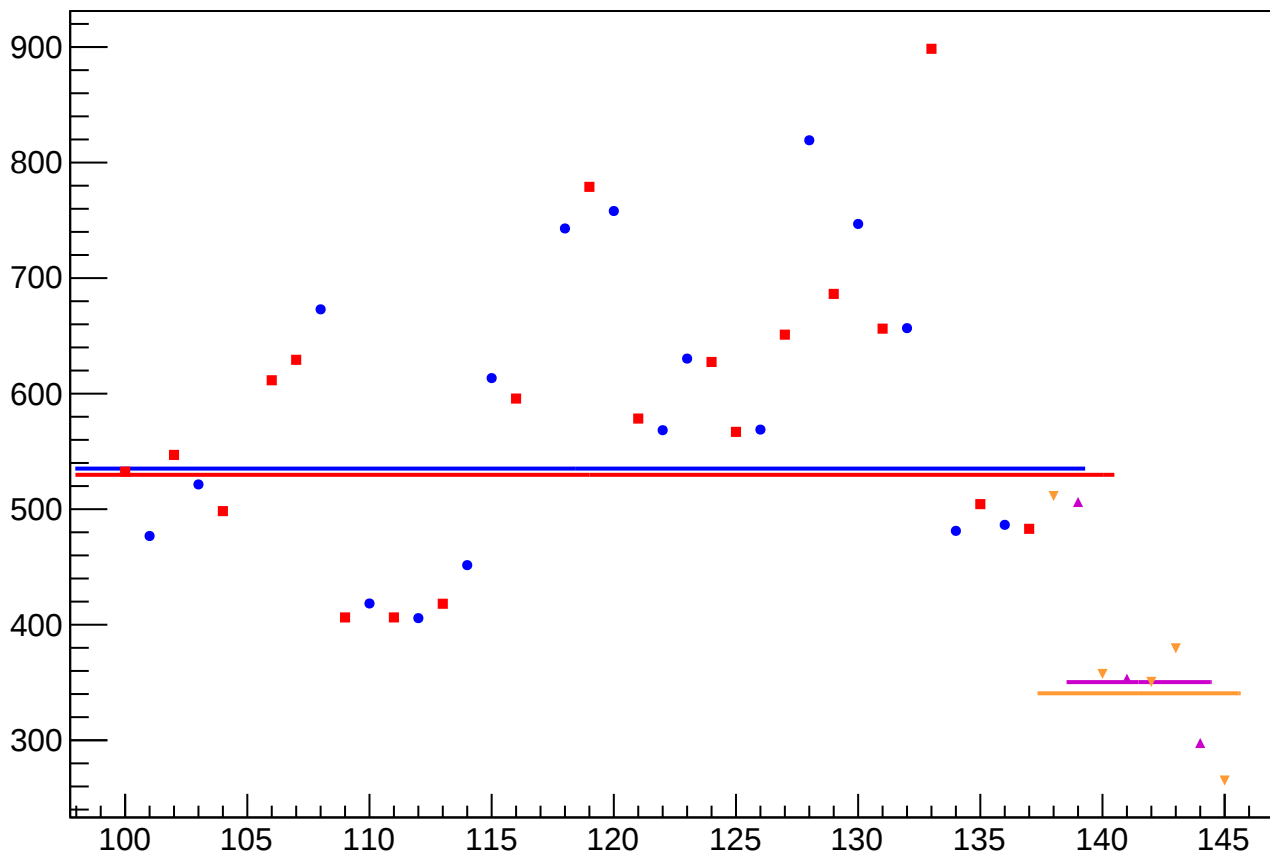
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 76.986+/-155.245 χ^2/NDF : 26.5/19

Out: 6.994+/-137.732 χ^2/NDF : 26.4/23

All: 37.821+/-103.029 χ^2/NDF : 53.0/43

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 340.647 $\pm$ 0.132 χ^2 /NDF: 306135.6/4

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 350.338 $\pm$ 0.161 χ^2 /NDF: 203070.6/2

Left: 344.549 $\pm$ 0.102 χ^2 /NDF: 511376.0/7

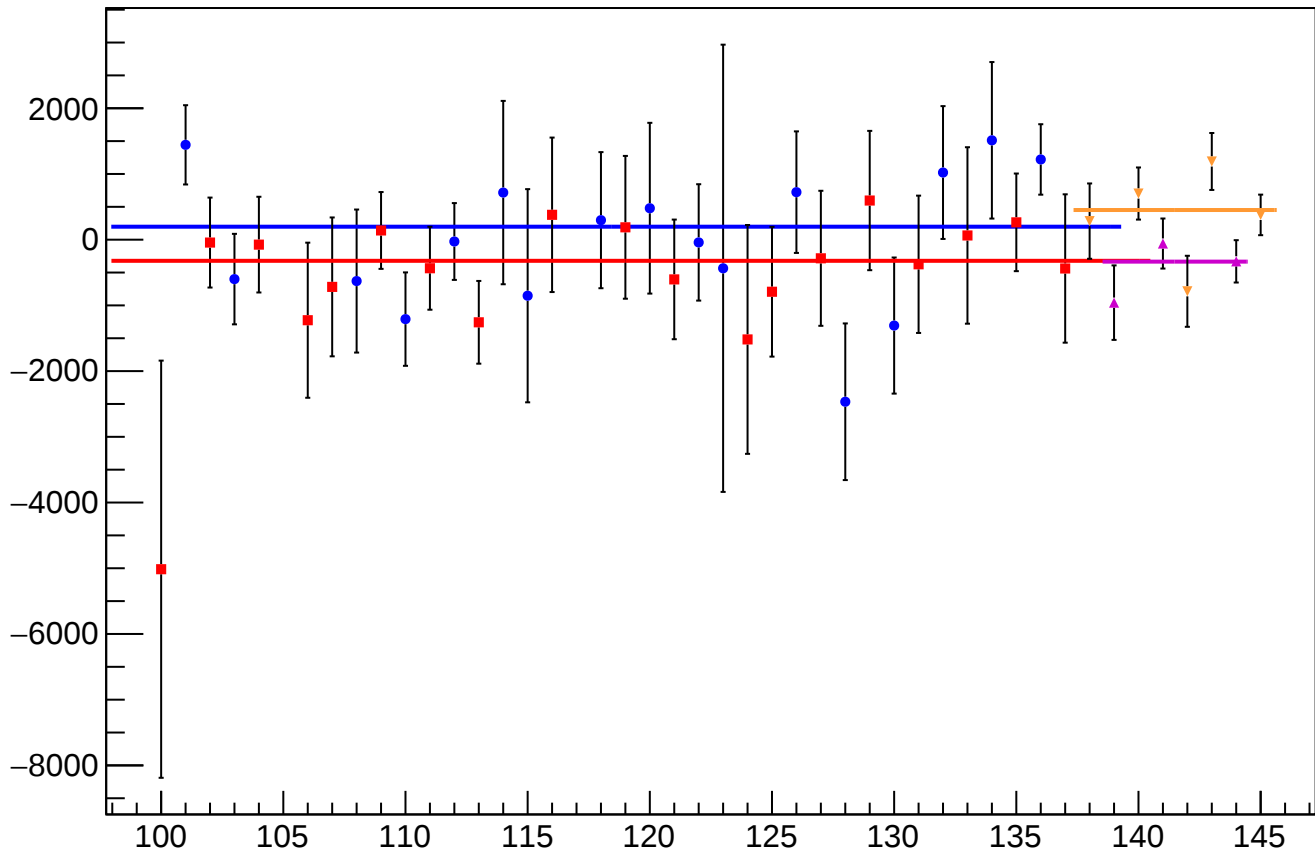
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 449.018 $\pm$ 0.110 χ^2 /NDF: 1504377.9/19

Out: 426.847 $\pm$ 0.097 χ^2 /NDF: 1888029.9/23

All: 436.612 $\pm$ 0.073 χ^2 /NDF: 3415232.6/43

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 451.426+/-186.813 χ^2/NDF : 8.7/4

Right Out: -321.565+/-205.269 χ^2/NDF : 8.9/18

Left In: -334.054+/-225.609 χ^2/NDF : 1.7/2

Left: 131.927+/-143.887 χ^2/NDF : 17.6/7

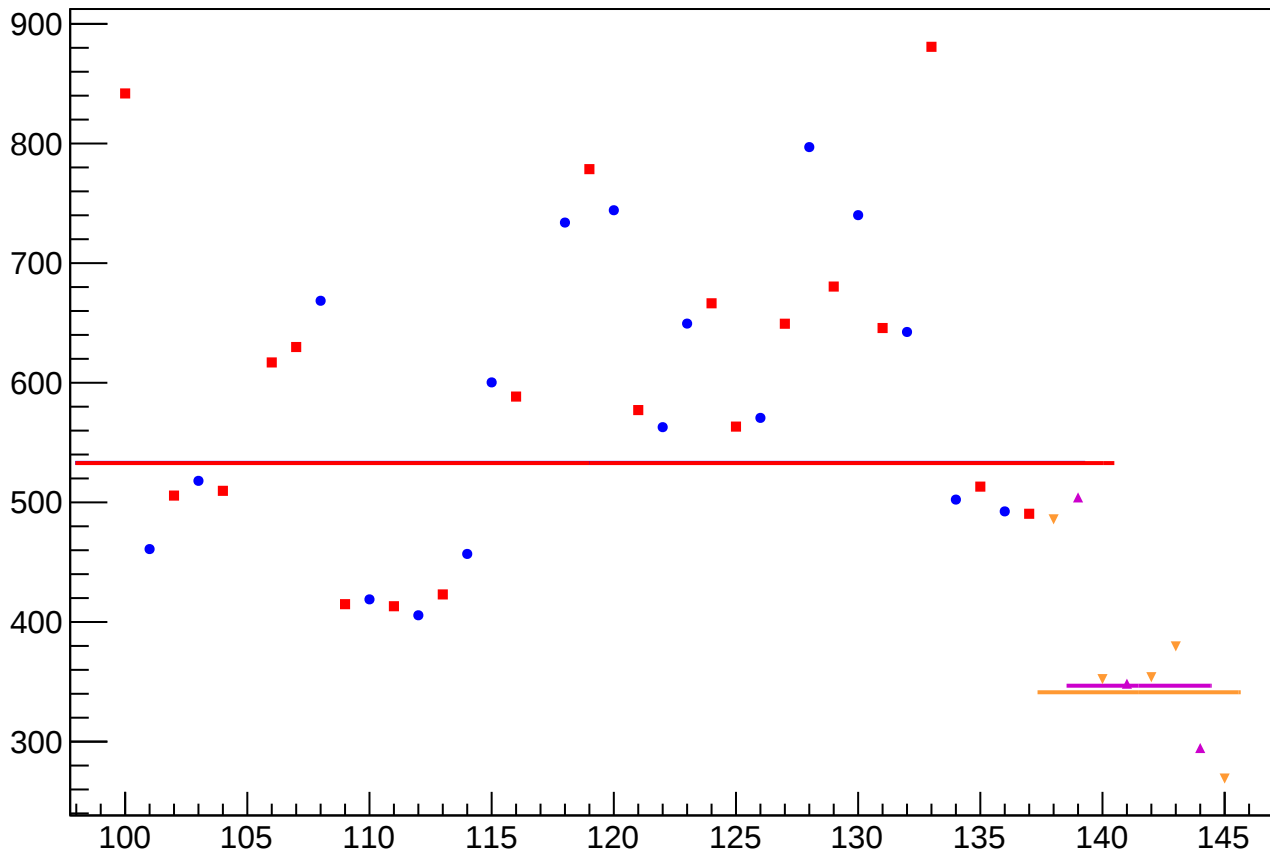
Right: -69.737+/-147.294 χ^2/NDF : 35.9/35

In: -51.080+/-154.292 χ^2/NDF : 28.6/19

Out: 101.237+/-138.162 χ^2/NDF : 25.3/23

All: 33.454+/-102.927 χ^2/NDF : 54.5/43

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 341.263 $\pm$ 0.132 χ^2 /NDF: 254780.1/4

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 346.746 $\pm$ 0.160 χ^2 /NDF: 206588.4/2

Left: 343.493 $\pm$ 0.102 χ^2 /NDF: 462069.5/7

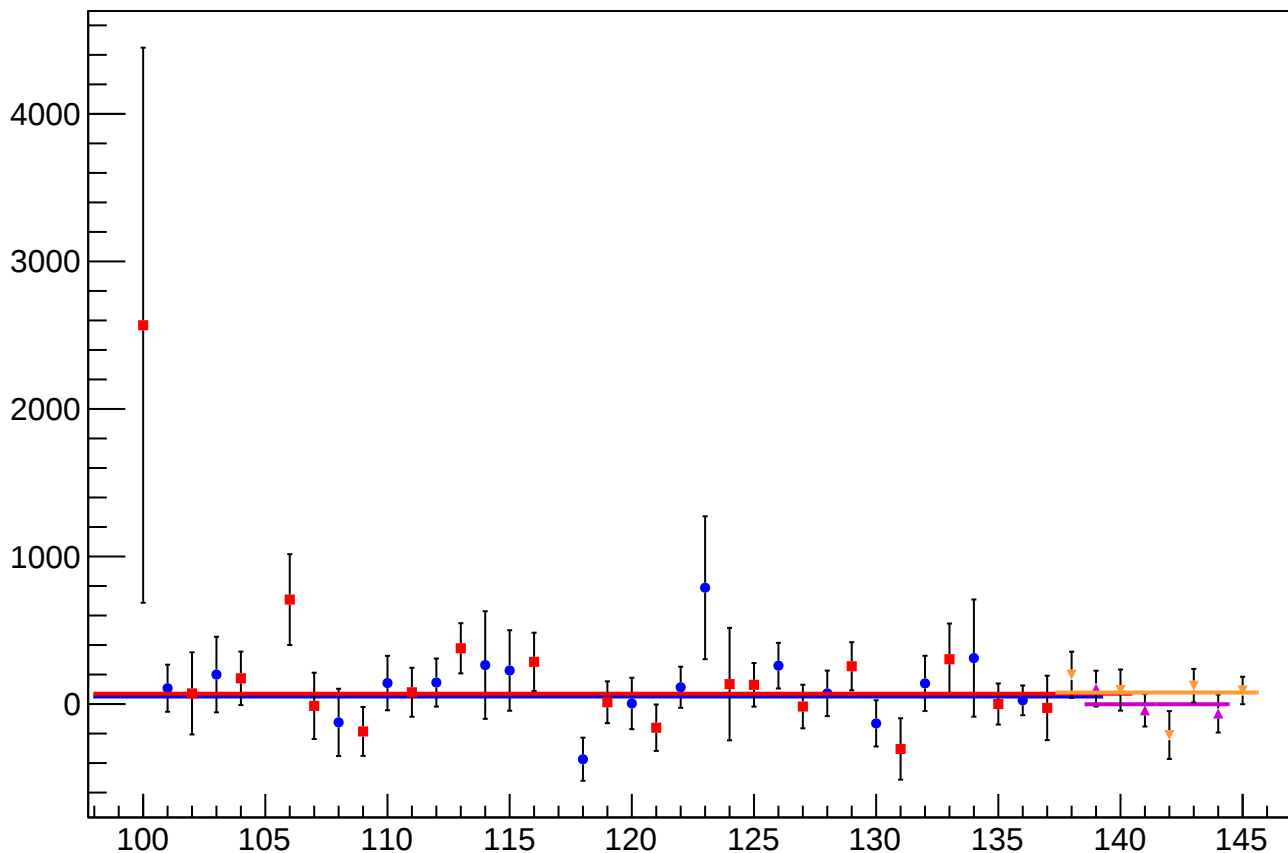
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 445.904 $\pm$ 0.109 χ^2 /NDF: 1499252.1/19

Out: 428.061 $\pm$ 0.098 χ^2 /NDF: 1824771.7/23

All: 436.001 $\pm$ 0.073 χ^2 /NDF: 3338868.9/43

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 77.917 $\pm$ 55.611 χ^2 /NDF:4.0/4

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: -1.264 $\pm$ 68.874 χ^2 /NDF:1.1/2

Left: 46.668 $\pm$ 43.268 χ^2 /NDF: 5.9/7

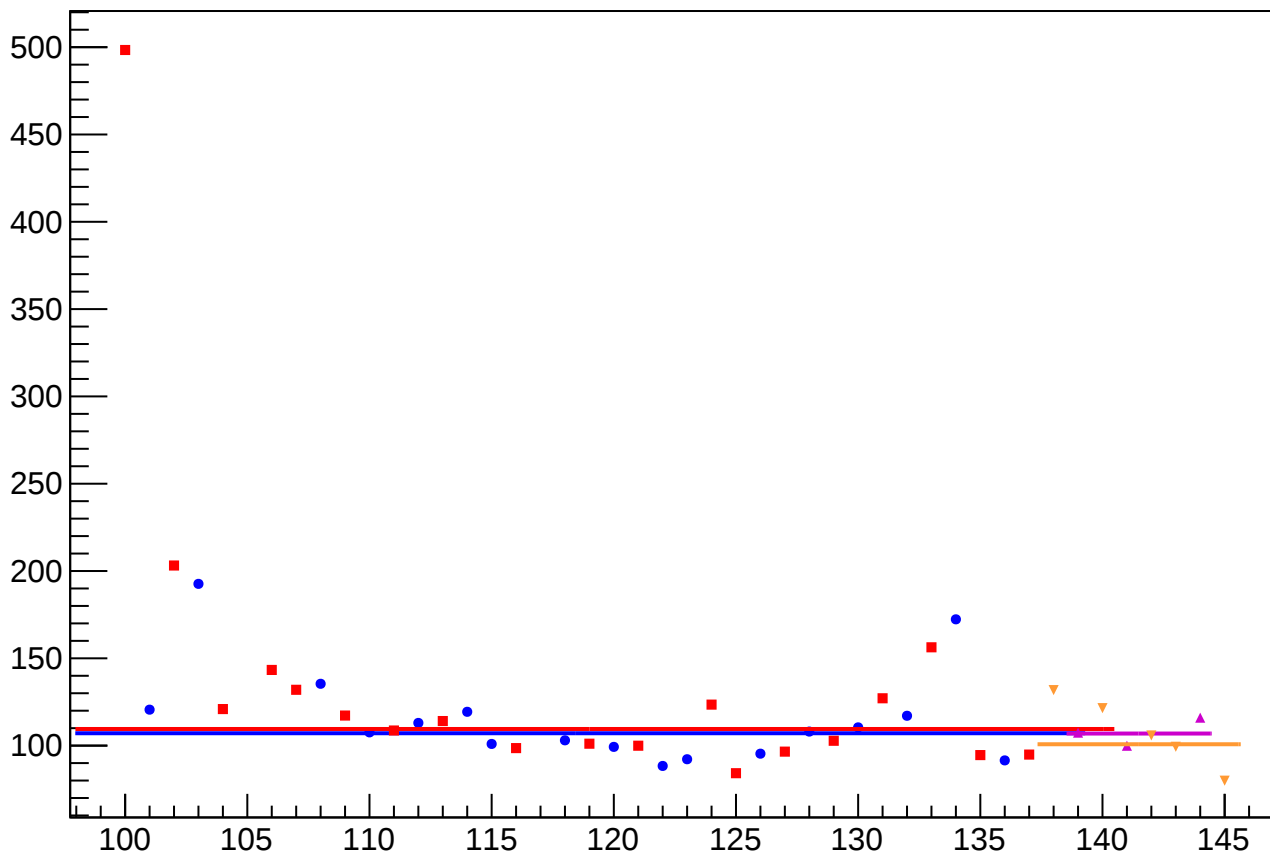
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 36.749 $\pm$ 36.116 χ^2 /NDF:18.9/19

Out: 72.989 $\pm$ 33.914 χ^2 /NDF:26.1/23

All: 56.008 $\pm$ 24.723 χ^2 /NDF: 45.6/43

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 100.788 $\pm$ 0.039 χ^2 /NDF:225521.8/4

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 106.920 $\pm$ 0.049 χ^2 /NDF:18045.9/2

Left: 103.208 $\pm$ 0.031 χ^2 /NDF: 253166.0/7

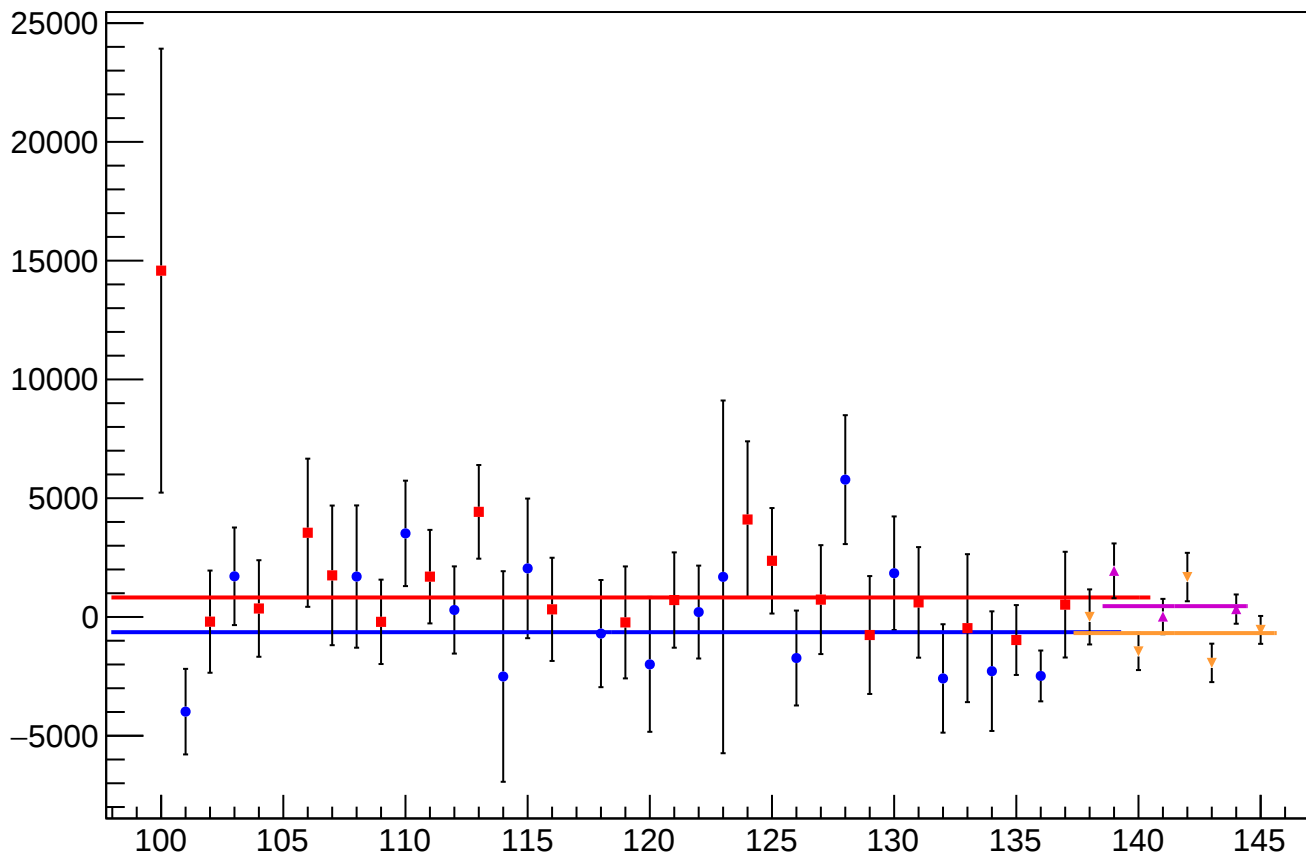
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 107.046 $\pm$ 0.026 χ^2 /NDF:455810.5/19

Out: 106.279 $\pm$ 0.024 χ^2 /NDF:848094.0/23

All: 106.638 $\pm$ 0.017 χ^2 /NDF: 1304383.9/43

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -678.275+/-359.059 χ^2/NDF : 9.1/4

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 455.935+/-438.634 χ^2/NDF : 2.1/2

Left: -223.200+/-277.842 χ^2/NDF : 15.2/7

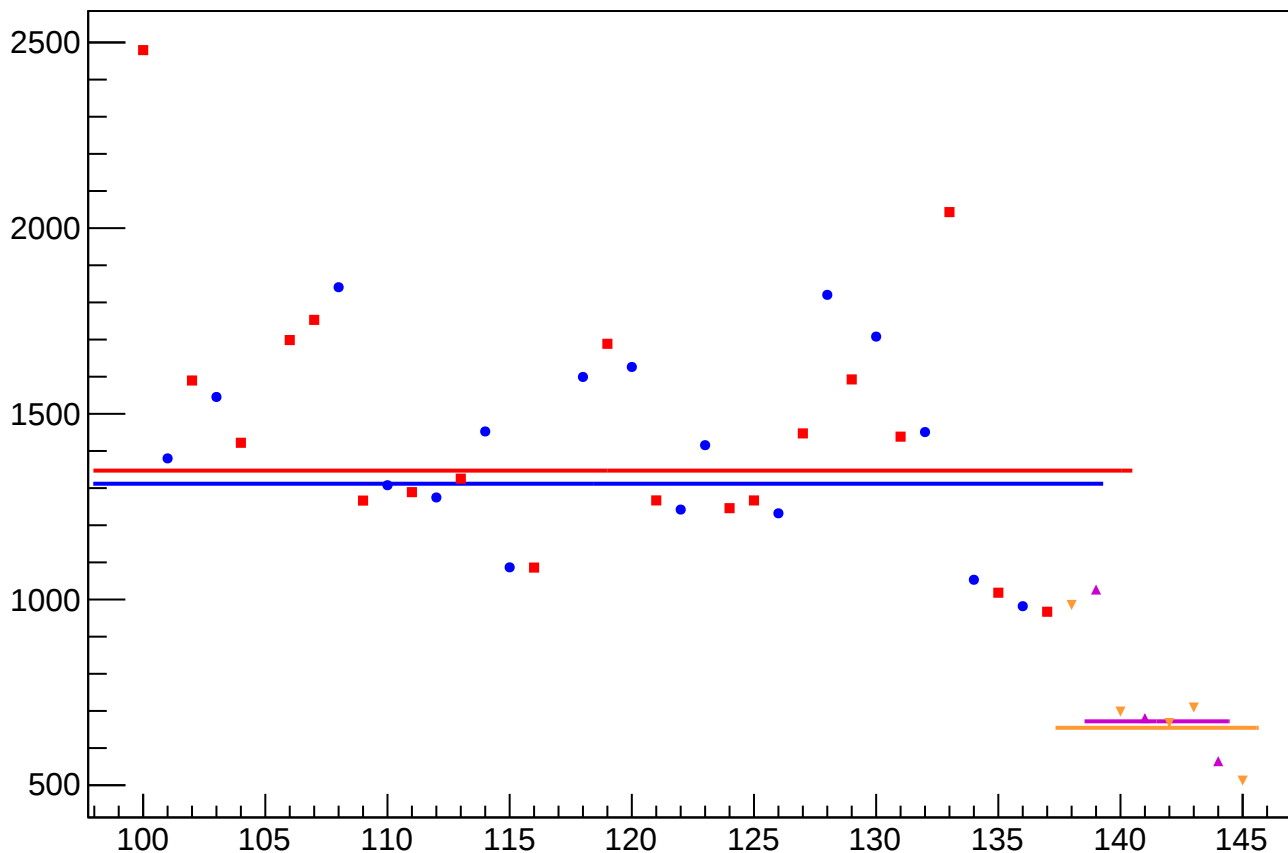
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -0.385+/-335.079 χ^2/NDF : 26.4/19

Out: -188.567+/-294.663 χ^2/NDF : 25.8/23

All: -106.504+/-221.275 χ^2/NDF : 52.4/43

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 654.551+/-0.254 χ^2/NDF : 295805.6/4

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 672.019+/-0.310 χ^2/NDF : 250541.6/2

Left: 661.560+/-0.196 χ^2/NDF : 548246.2/7

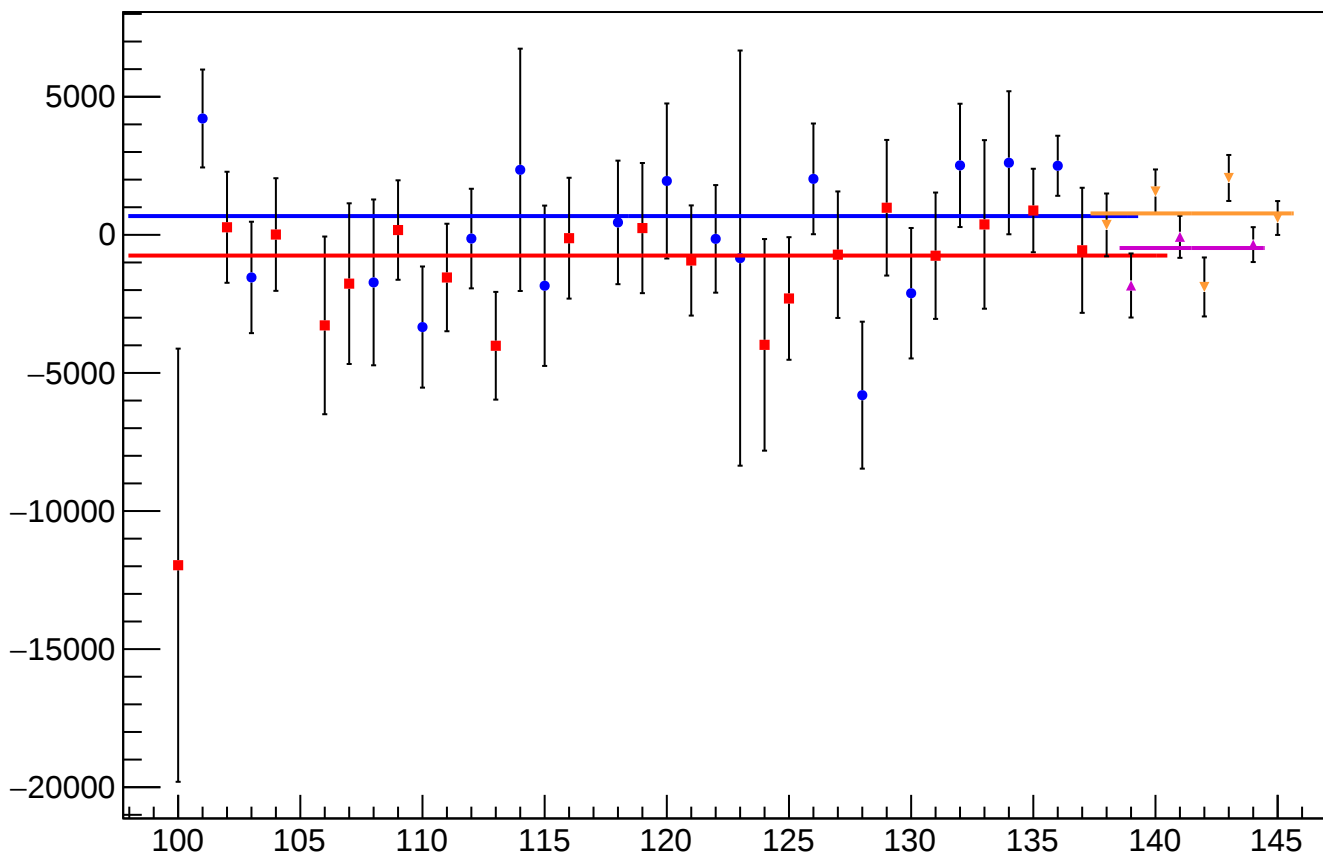
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 938.443+/-0.237 χ^2/NDF : 2535066.5/19

Out: 880.693+/-0.208 χ^2/NDF : 3215893.9/23

All: 905.877+/-0.156 χ^2/NDF : 5784461.2/43

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 776.348+/-369.627 χ^2/NDF : 9.8/4

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -476.331+/-448.321 χ^2/NDF : 1.7/2

Left: 269.423+/-285.194 χ^2/NDF : 16.1/7

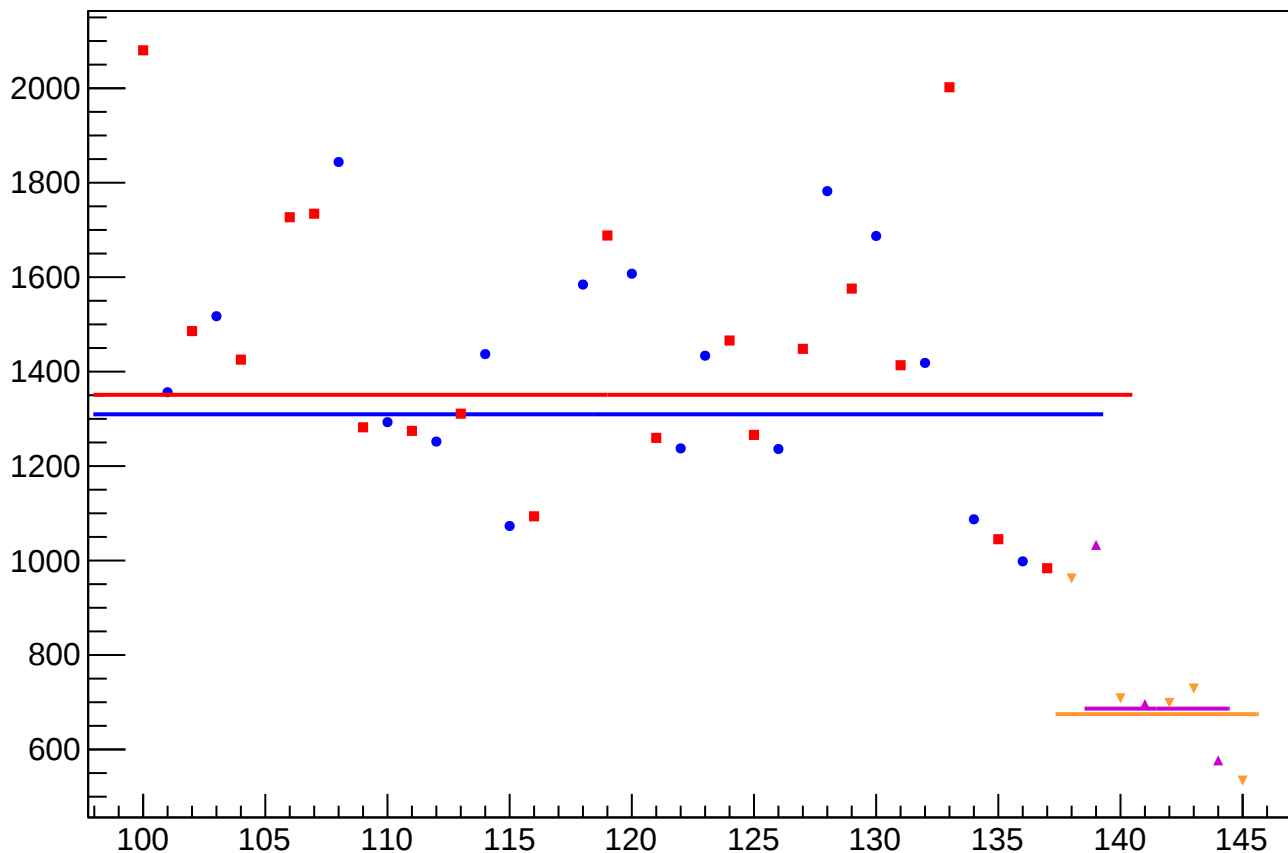
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 19.392+/-338.851 χ^2/NDF : 27.1/19

Out: 259.093+/-300.526 χ^2/NDF : 25.3/23

All: 153.559+/-224.838 χ^2/NDF : 52.6/43

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 674.828 $\pm$ 0.261 χ^2/NDF : 245900.2/4

Right Out: 1350.942 $\pm$ 0.365 χ^2/NDF : 422723.4/18

Left In: 686.457 $\pm$ 0.317 χ^2/NDF : 239061.1/2

Left: 679.534 $\pm$ 0.202 χ^2/NDF : 485762.4/7

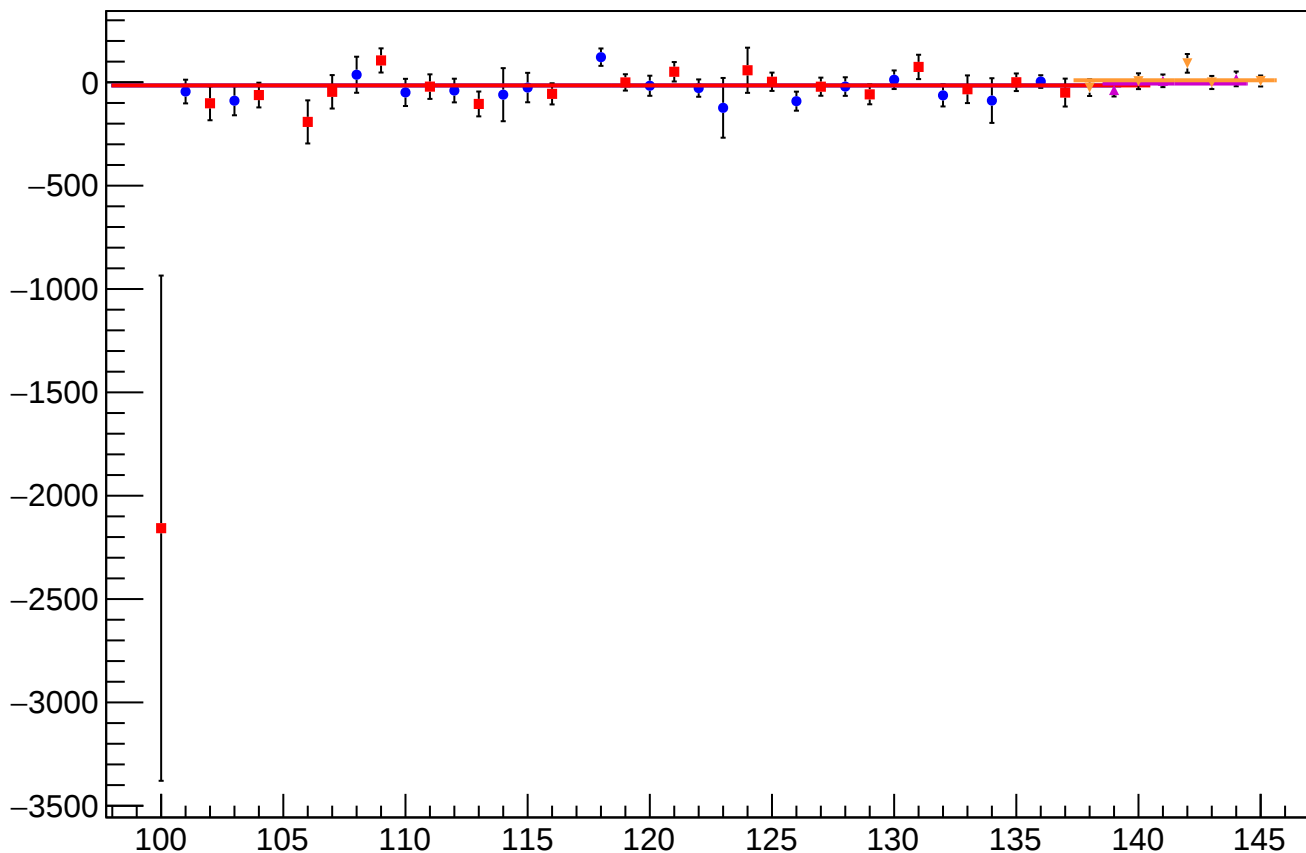
Right: 1330.350 $\pm$ 0.258 χ^2/NDF : 888419.4/35

In: 953.641 $\pm$ 0.240 χ^2/NDF : 2355241.6/19

Out: 903.995 $\pm$ 0.213 χ^2/NDF : 2936784.2/23

All: 925.853 $\pm$ 0.159 χ^2/NDF : 5316056.1/43

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: 9.772 ± 15.444 $\chi^2/\text{NDF}: 4.2/4$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -5.985 ± 18.658 $\chi^2/\text{NDF}: 1.6/2$

Left: 3.365 ± 11.897 $\chi^2/\text{NDF}: 6.2/7$

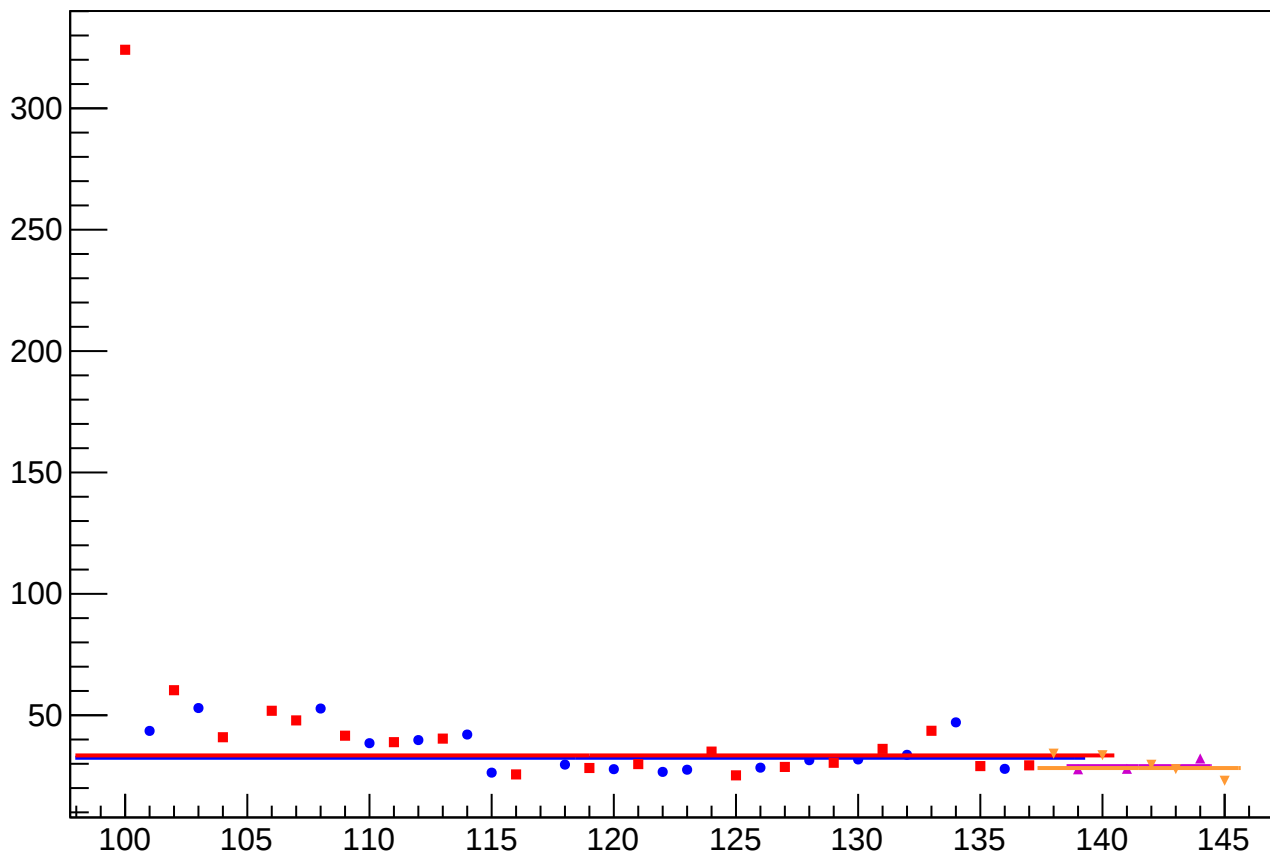
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -12.272 ± 10.615 $\chi^2/\text{NDF}: 20.1/19$

Out: -4.687 ± 9.989 $\chi^2/\text{NDF}: 27.0/23$

All: -8.249 ± 7.274 $\chi^2/\text{NDF}: 47.3/43$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.248 $\pm$ 0.011 χ^2 /NDF: 160594.7/4

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 29.038 $\pm$ 0.013 χ^2 /NDF: 21801.6/2

Left: 28.569 $\pm$ 0.008 χ^2 /NDF: 184521.7/7

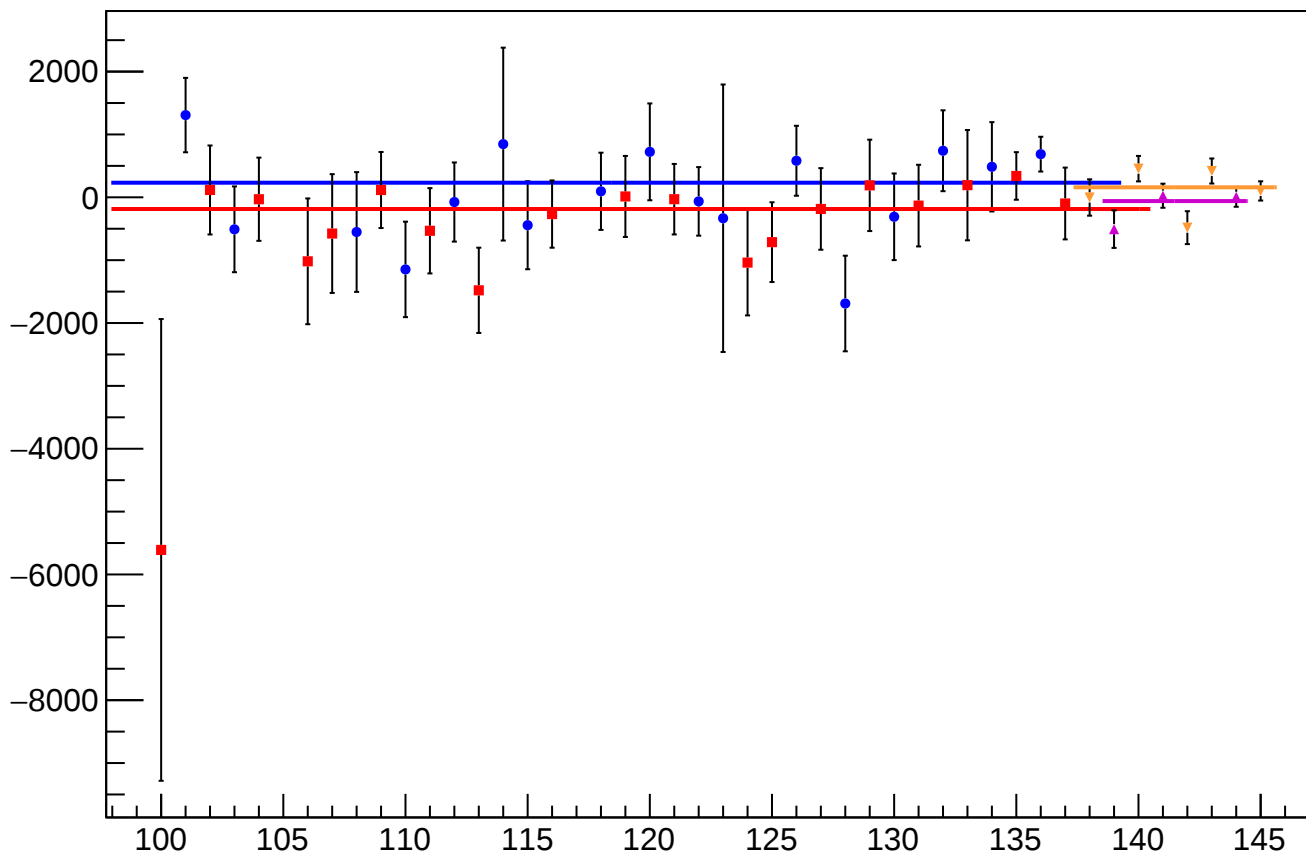
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 31.372 $\pm$ 0.008 χ^2 /NDF: 662567.8/19

Out: 31.271 $\pm$ 0.007 χ^2 /NDF: 1130635.8/23

All: 31.318 $\pm$ 0.005 χ^2 /NDF: 1793299.9/43

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2/NDF : 21.5/16

Left Out: 159.173 $\pm$ 91.782 χ^2/NDF : 10.3/4

Right Out: -186.198 $\pm$ 149.878 χ^2/NDF : 11.8/18

Left In: -60.033 $\pm$ 112.832 χ^2/NDF : 2.6/2

Left: 71.885 $\pm$ 71.201 χ^2/NDF : 15.2/7

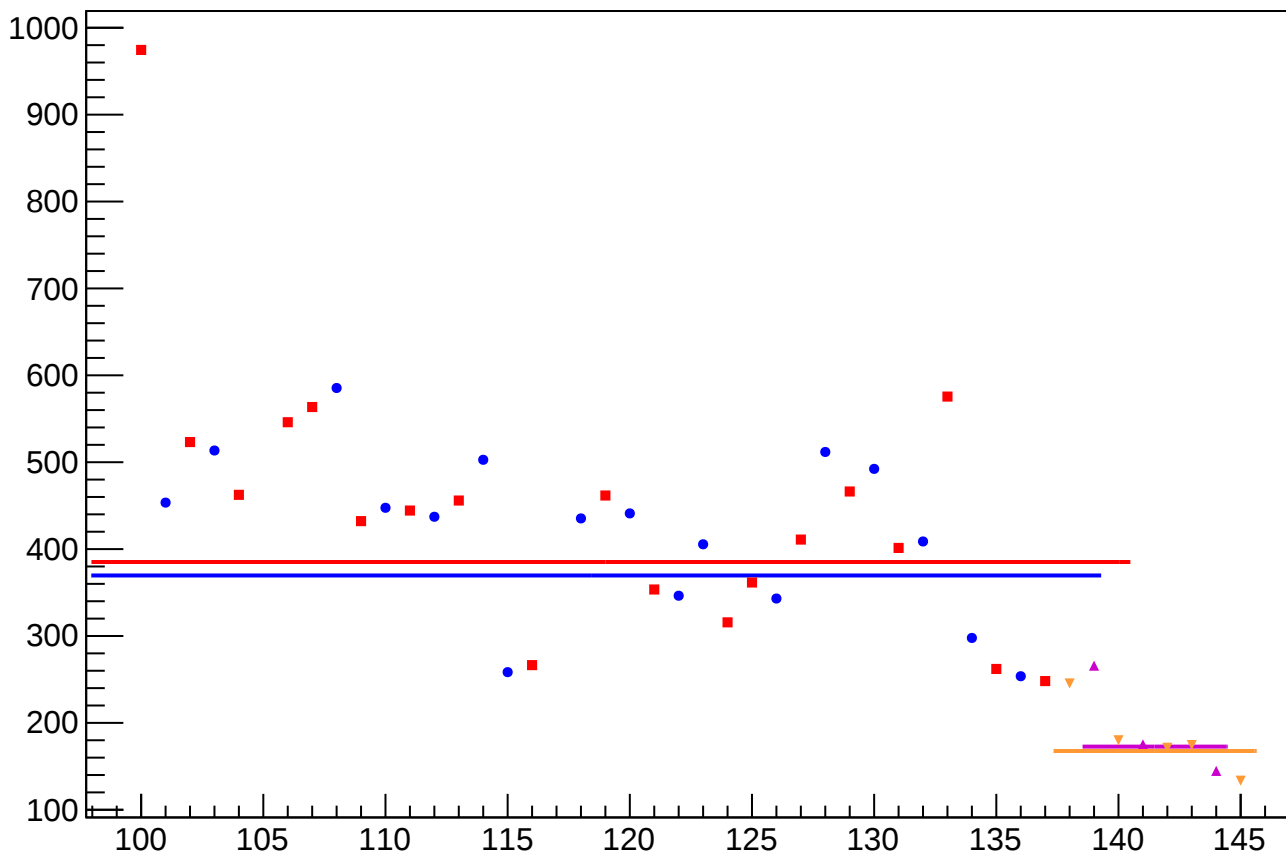
Right: 24.849 $\pm$ 105.528 χ^2/NDF : 37.2/35

In: 46.878 $\pm$ 89.865 χ^2/NDF : 26.5/19

Out: 64.979 $\pm$ 78.272 χ^2/NDF : 25.9/23

All: 57.171 $\pm$ 59.023 χ^2/NDF : 52.5/43

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 167.641+/-0.065 χ^2/NDF : 254212.4/4

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 172.682+/-0.080 χ^2/NDF : 258230.7/2

Left: 169.648+/-0.050 χ^2/NDF : 514845.3/7

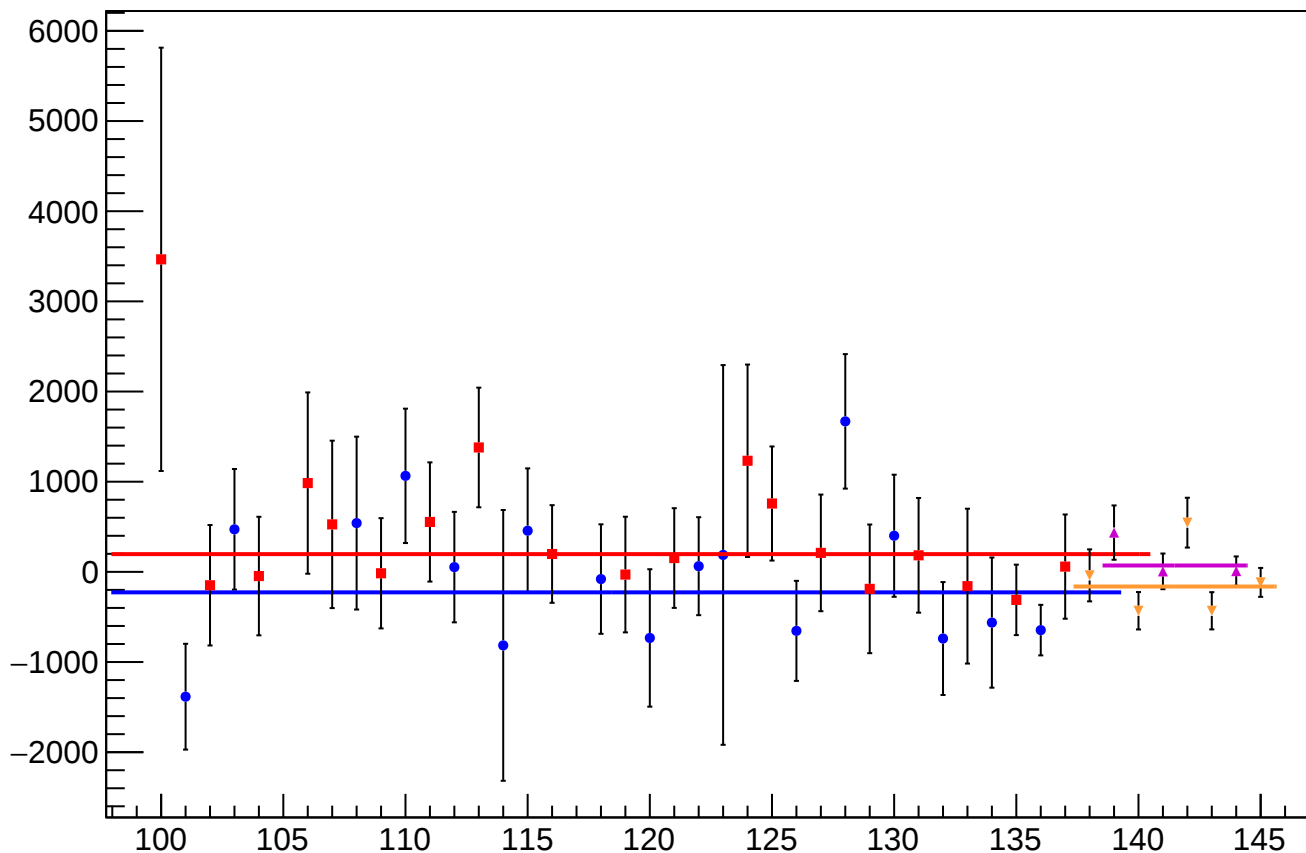
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 244.709+/-0.064 χ^2/NDF : 3389705.2/19

Out: 226.964+/-0.055 χ^2/NDF : 4244295.6/23

All: 234.619+/-0.042 χ^2/NDF : 7678342.5/43

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -162.554 ± 95.057 $\chi^2/\text{NDF}: 10.2/4$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 70.749 ± 116.034 $\chi^2/\text{NDF}: 1.7/2$

Left: -68.859 ± 73.533 $\chi^2/\text{NDF}: 14.4/7$

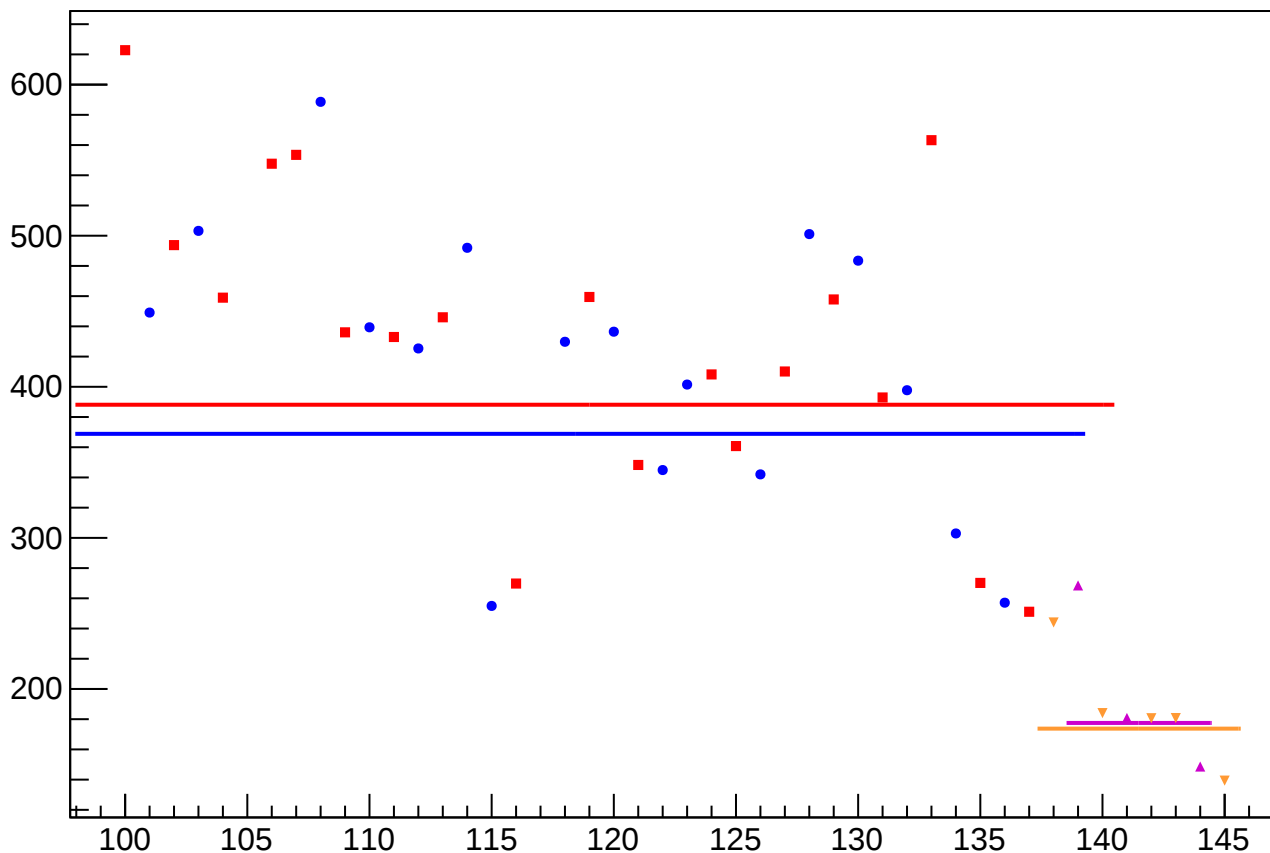
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -42.777 ± 91.297 $\chi^2/\text{NDF}: 26.1/19$

Out: -59.777 ± 80.319 $\chi^2/\text{NDF}: 25.0/23$

All: -52.360 ± 60.304 $\chi^2/\text{NDF}: 51.1/43$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 173.751 $\pm$ 0.067 χ^2 /NDF: 219300.0/4

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 177.516 $\pm$ 0.082 χ^2 /NDF: 245901.5/2

Left: 175.263 $\pm$ 0.052 χ^2 /NDF: 466462.1/7

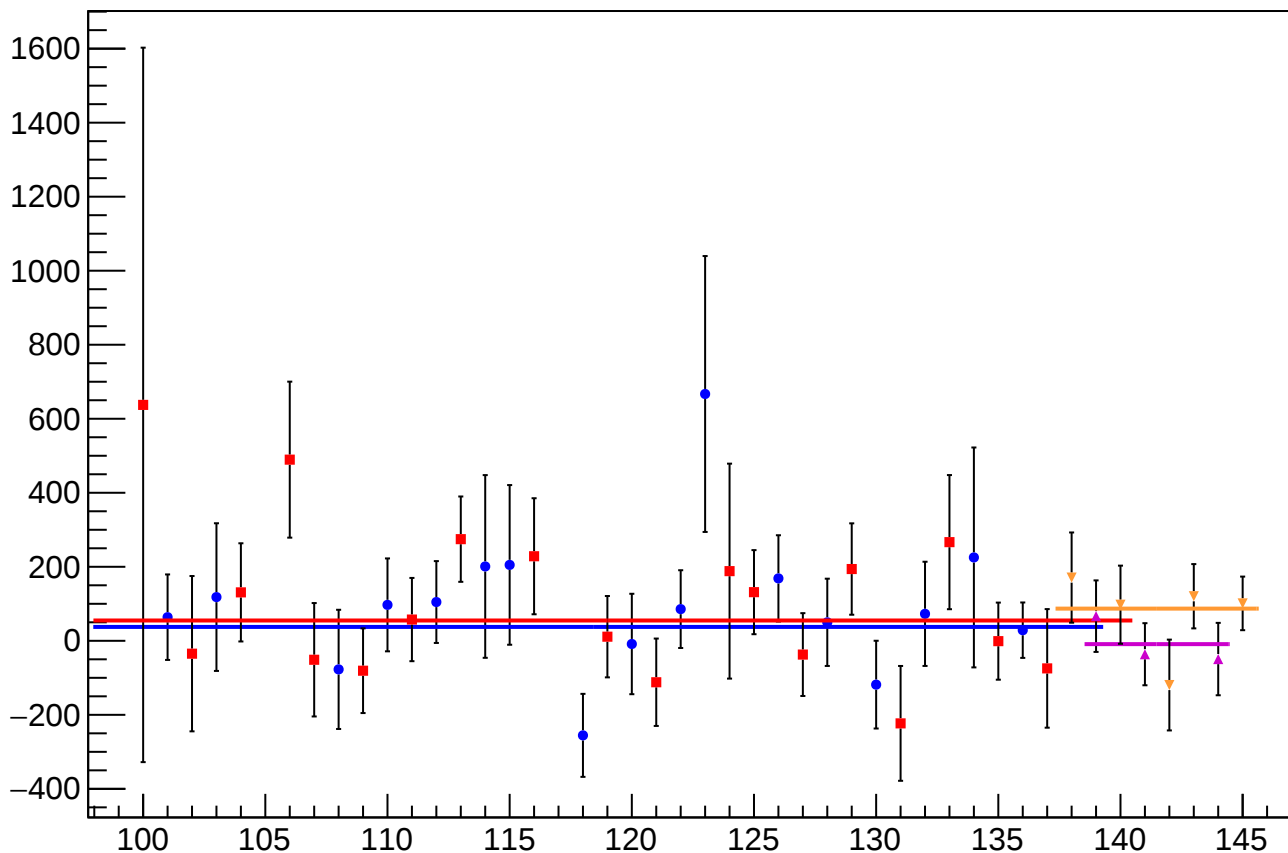
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 250.406 $\pm$ 0.065 χ^2 /NDF: 3147427.0/19

Out: 235.072 $\pm$ 0.057 χ^2 /NDF: 3907209.8/23

All: 241.762 $\pm$ 0.043 χ^2 /NDF: 7086440.0/43

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 86.989 $\pm$ 42.766 χ^2 /NDF:3.5/4

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: -8.976 $\pm$ 53.168 χ^2 /NDF:0.9/2

Left: 49.291 $\pm$ 33.323 χ^2 /NDF: 6.4/7

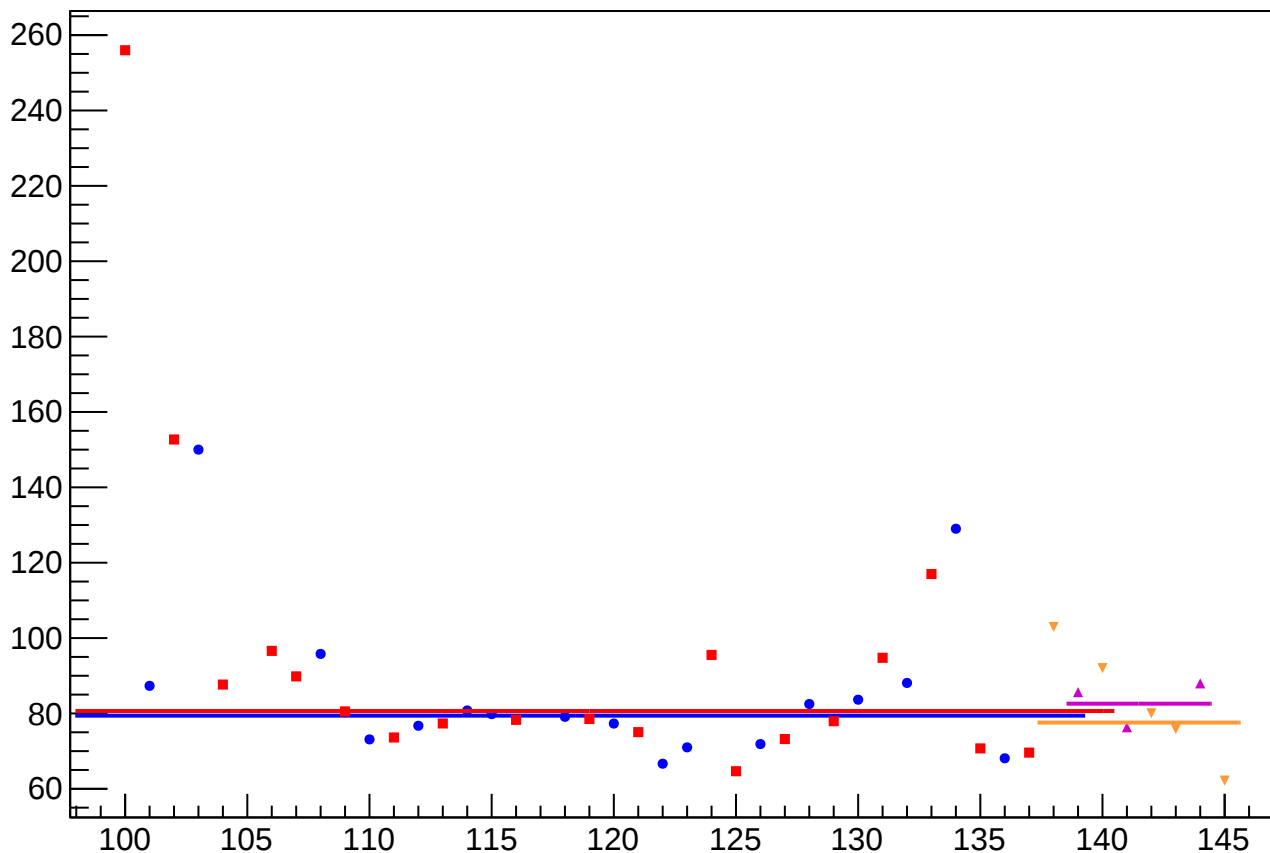
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 25.473 $\pm$ 27.075 χ^2 /NDF:17.3/19

Out: 66.170 $\pm$ 25.348 χ^2 /NDF:26.0/23

All: 47.161 $\pm$ 18.504 χ^2 /NDF: 44.5/43

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 77.582 $\pm$ 0.030 χ^2 /NDF: 216164.4/4

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 82.595 $\pm$ 0.038 χ^2 /NDF: 19192.9/2

Left: 79.551 $\pm$ 0.024 χ^2 /NDF: 246152.3/7

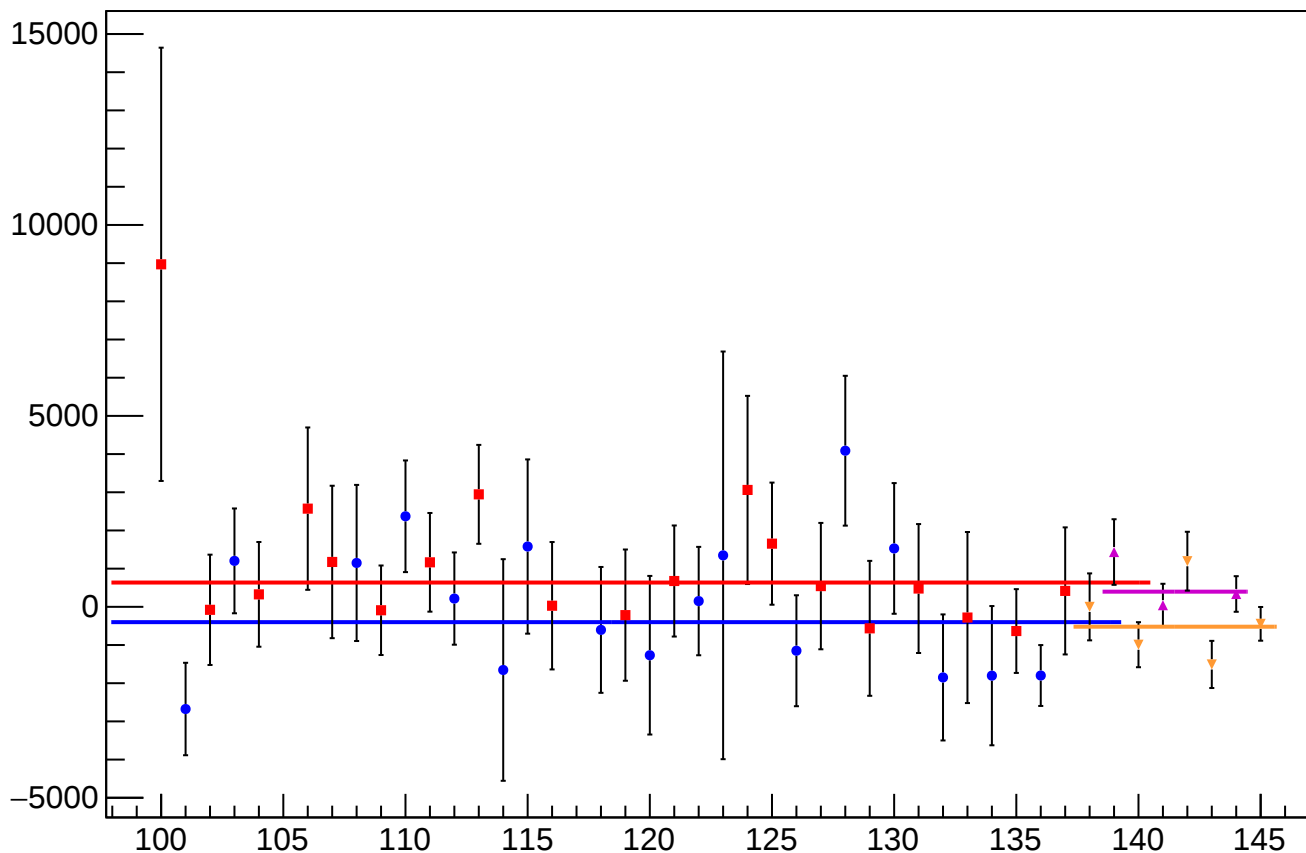
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 80.244 $\pm$ 0.019 χ^2 /NDF: 463516.8/19

Out: 79.573 $\pm$ 0.018 χ^2 /NDF: 743291.2/23

All: 79.887 $\pm$ 0.013 χ^2 /NDF: 1207462.4/43

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -520.314 ± 271.046 $\chi^2/\text{NDF}: 8.5/4$

Right Out: 636.133 ± 362.923 $\chi^2/\text{NDF}: 10.8/18$

Left In: 397.076 ± 330.717 $\chi^2/\text{NDF}: 1.9/2$

Left: -151.703 ± 209.635 $\chi^2/\text{NDF}: 15.0/7$

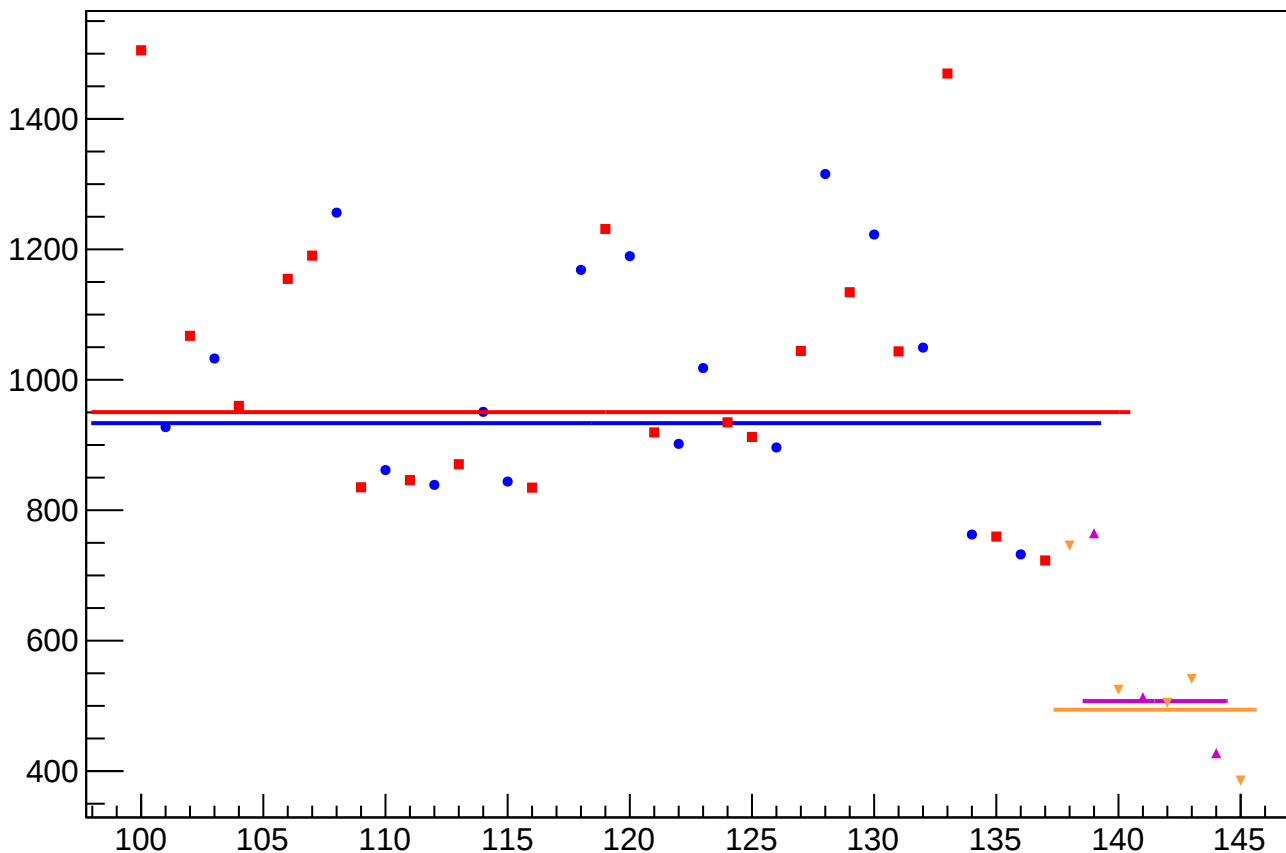
Right: 125.423 ± 258.567 $\chi^2/\text{NDF}: 36.8/35$

In: 40.995 ± 246.124 $\chi^2/\text{NDF}: 26.4/19$

Out: -106.240 ± 217.165 $\chi^2/\text{NDF}: 25.9/23$

All: -41.790 ± 162.840 $\chi^2/\text{NDF}: 52.5/43$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 494.087+/-0.192 χ^2/NDF : 303373.3/4

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 507.420+/-0.234 χ^2/NDF : 238410.0/2

Left: 499.444+/-0.148 χ^2/NDF : 543727.8/7

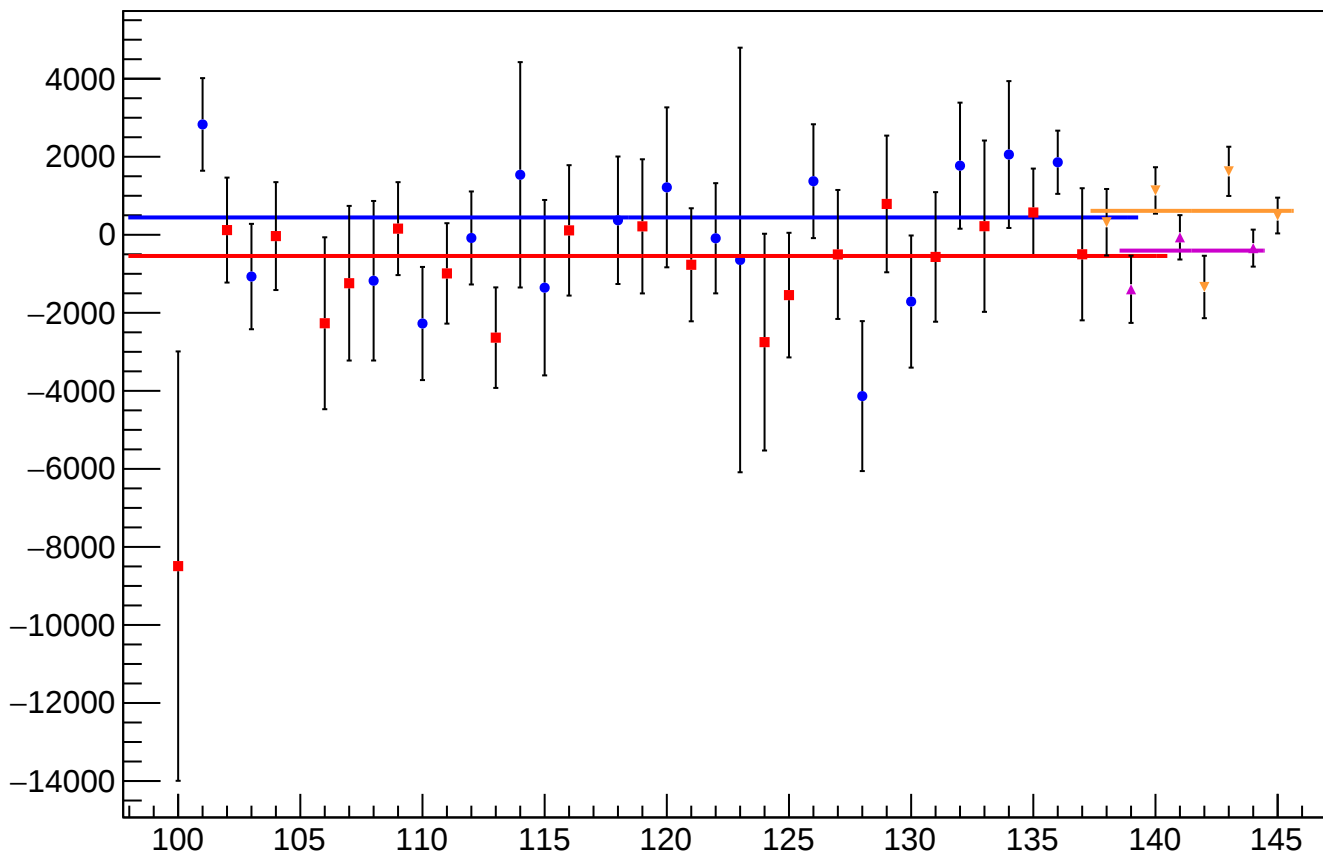
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 697.528+/-0.174 χ^2/NDF : 2162024.5/19

Out: 657.477+/-0.154 χ^2/NDF : 2757497.5/23

All: 675.009+/-0.115 χ^2/NDF : 4949300.0/43

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 613.641+/-276.988 χ^2/NDF : 9.5/4

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -405.272+/-335.422 χ^2/NDF : 1.7/2

Left: 200.530+/-213.578 χ^2/NDF : 16.7/7

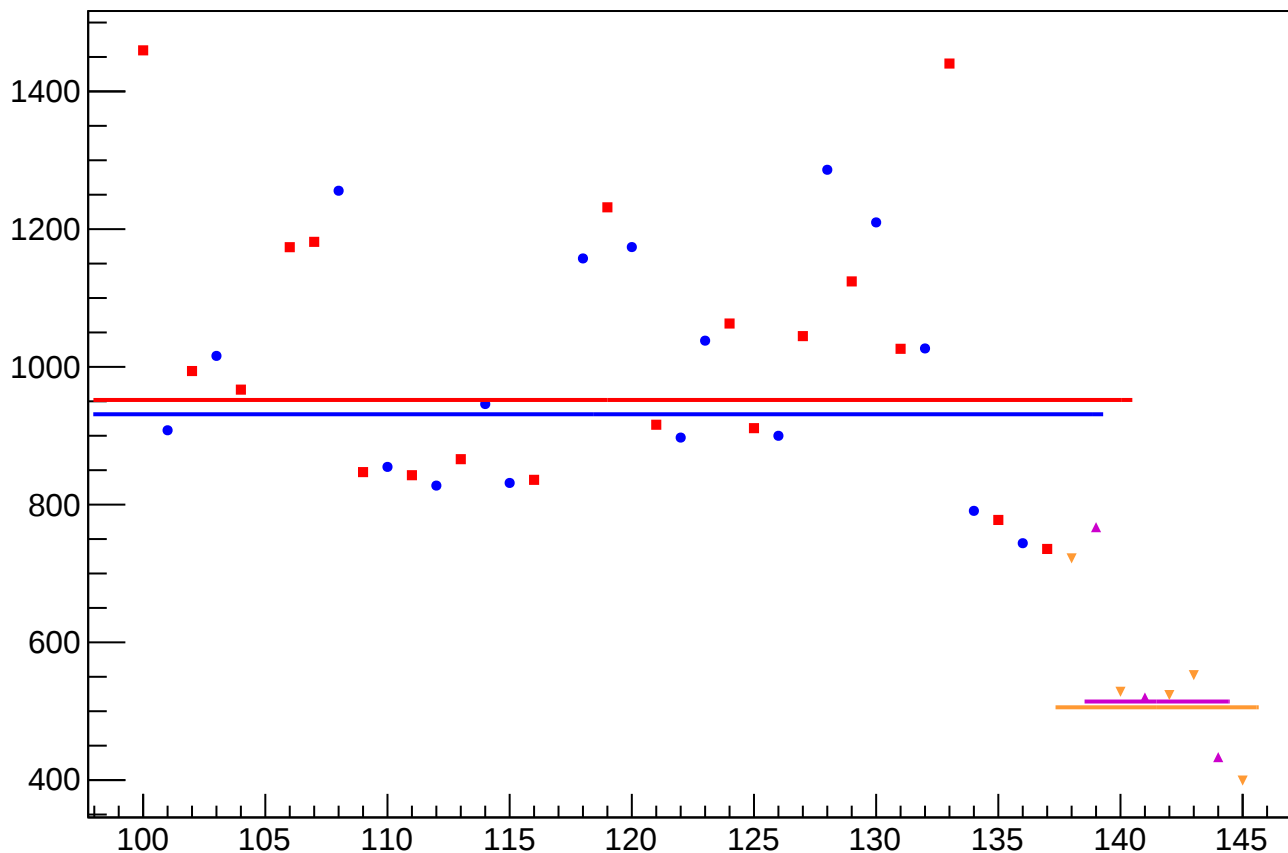
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -18.547+/-247.622 χ^2/NDF : 27.5/19

Out: 188.472+/-220.274 χ^2/NDF : 25.3/23

All: 97.021+/-164.580 χ^2/NDF : 53.2/43

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 505.691+/-0.196 χ^2/NDF :251239.3/4

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 514.093+/-0.237 χ^2/NDF :230801.4/2

Left: 509.098+/-0.151 χ^2/NDF : 482786.7/7

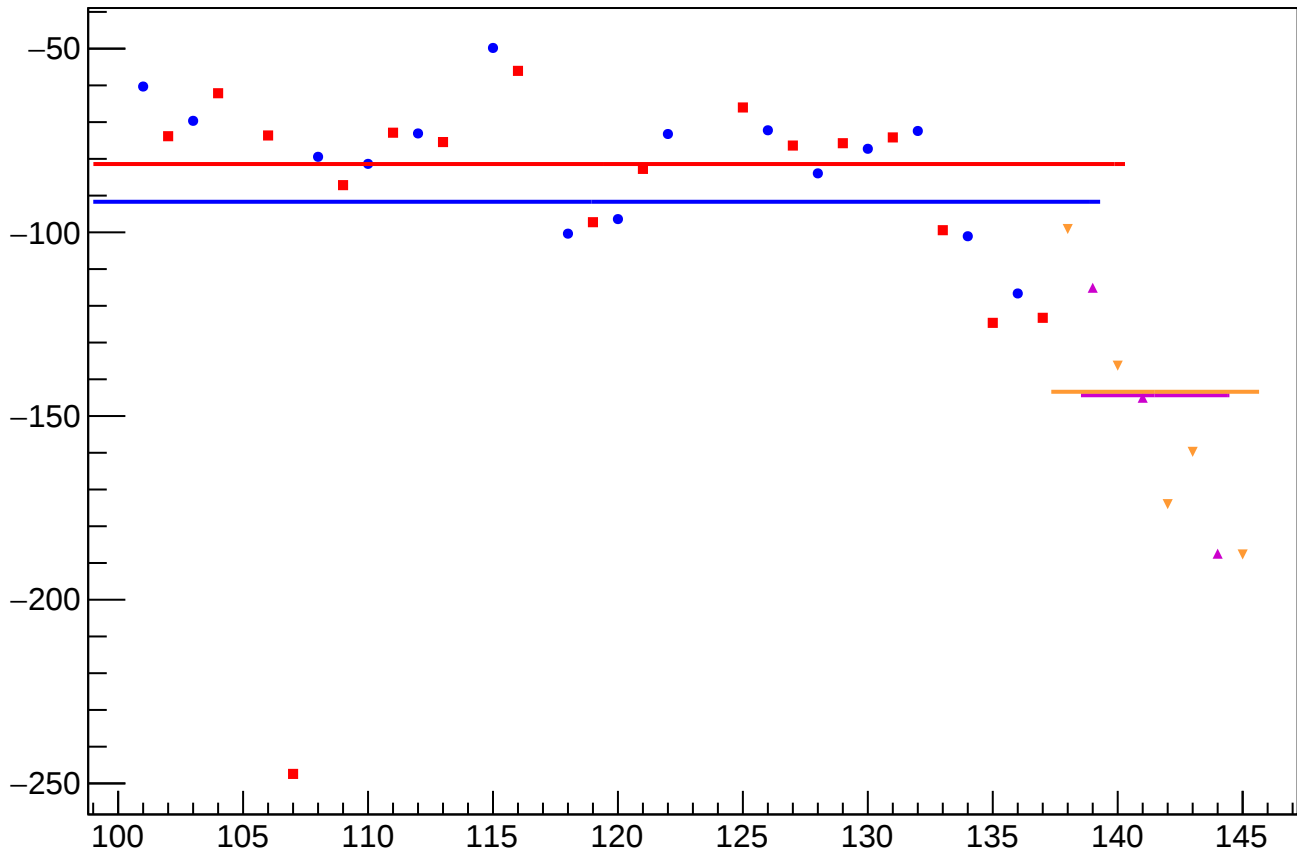
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 703.879+/-0.175 χ^2/NDF :2038254.4/19

Out: 669.733+/-0.156 χ^2/NDF :2542252.8/23

All: 684.817+/-0.116 χ^2/NDF : 4601738.0/43

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -143.396 ± 0.231 χ^2/NDF : 8560.0/4

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -144.343 ± 0.153 χ^2/NDF : 12099.9/2

Left: -144.055 ± 0.128 χ^2/NDF : 20671.6/7

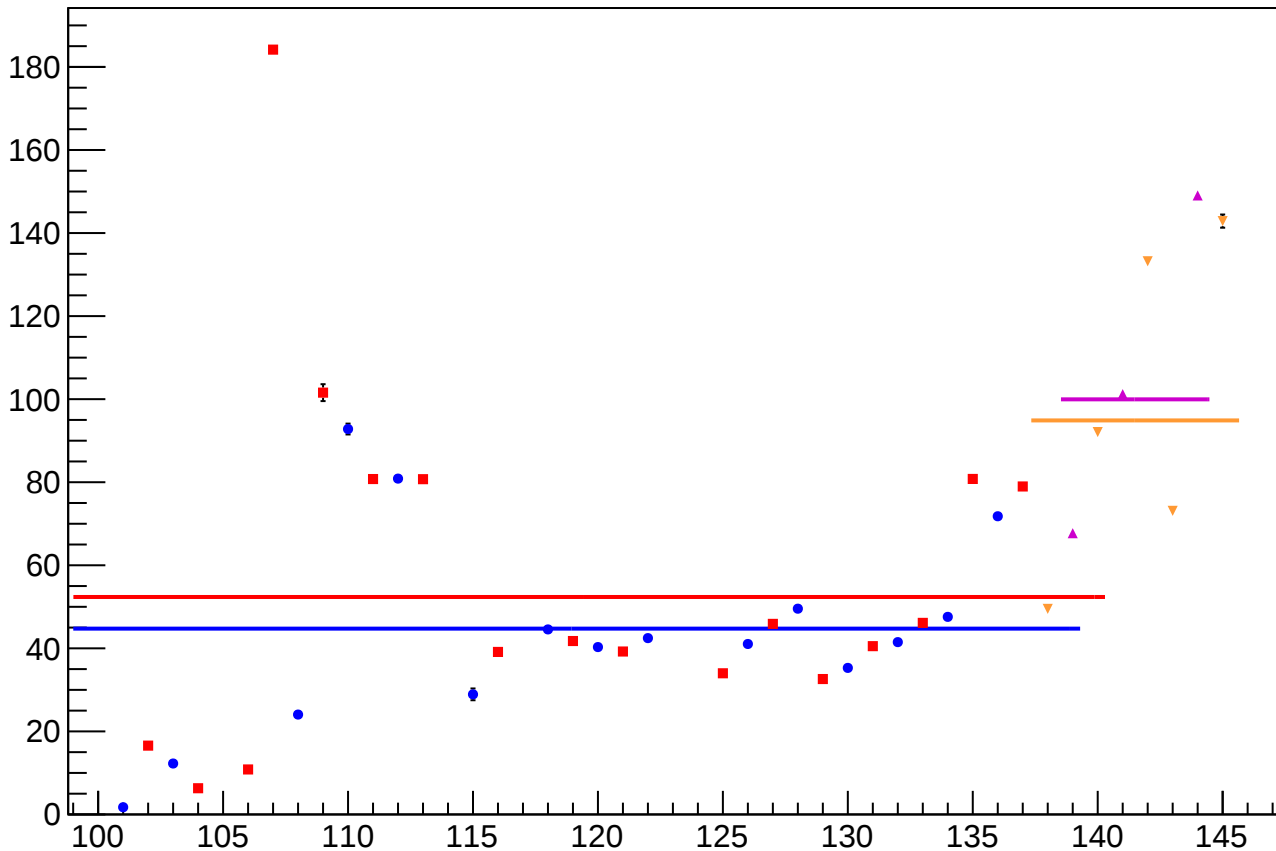
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -100.830 ± 0.064 χ^2/NDF : 174693.5/17

Out: -90.922 ± 0.091 χ^2/NDF : 111105.5/21

All: -97.548 ± 0.052 χ^2/NDF : 293798.8/39

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 94.881 $\pm$ 0.248 χ^2/NDF : 8120.1/4

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 99.956 $\pm$ 0.155 χ^2/NDF : 12483.1/2

Left: 98.535 $\pm$ 0.131 χ^2/NDF : 20903.6/7

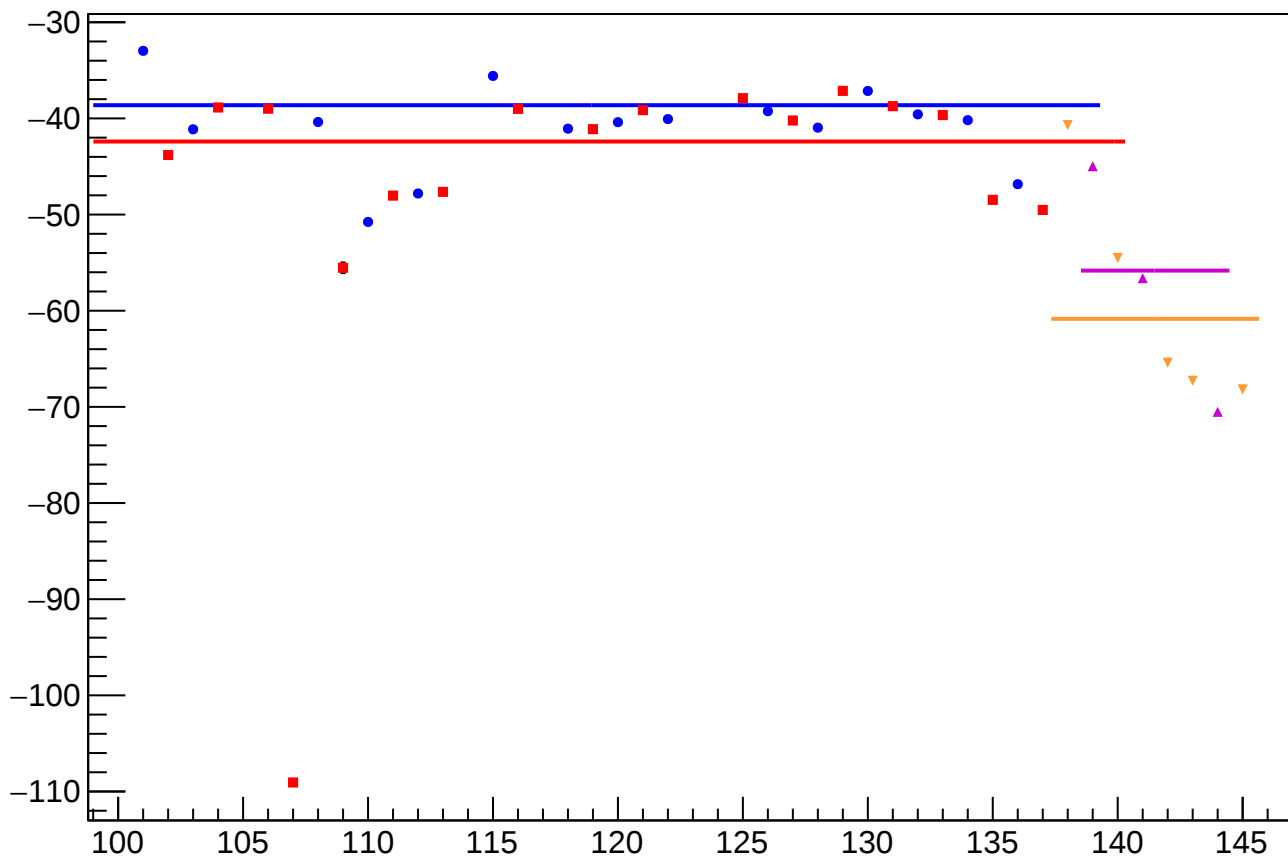
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 52.065 $\pm$ 0.056 χ^2/NDF : 207345.7/17

Out: 59.606 $\pm$ 0.103 χ^2/NDF : 101697.2/21

All: 53.817 $\pm$ 0.049 χ^2/NDF : 313195.4/39

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -60.842 ± 0.051 χ^2/NDF : 21007.3/4

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -55.825 ± 0.044 χ^2/NDF : 17748.1/2

Left: -57.974 ± 0.034 χ^2/NDF : 44202.5/7

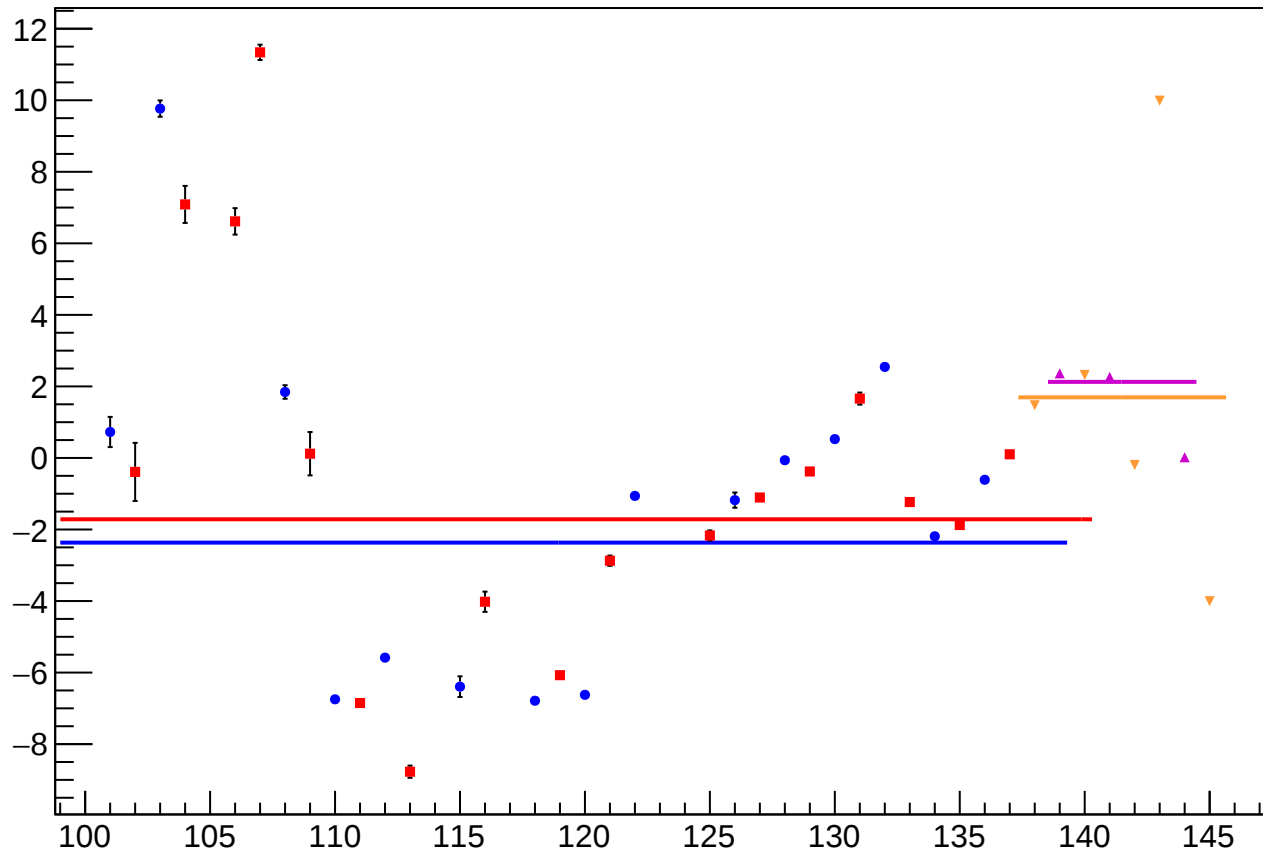
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.200 ± 0.008 χ^2/NDF : 402407.8/17

Out: -45.106 ± 0.020 χ^2/NDF : 399980.1/21

All: -40.061 ± 0.008 χ^2/NDF : 879415.1/39

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.694 ± 0.030 χ^2/NDF : 8989.0/4

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: 1.984 ± 0.017 χ^2/NDF : 9904.3/7

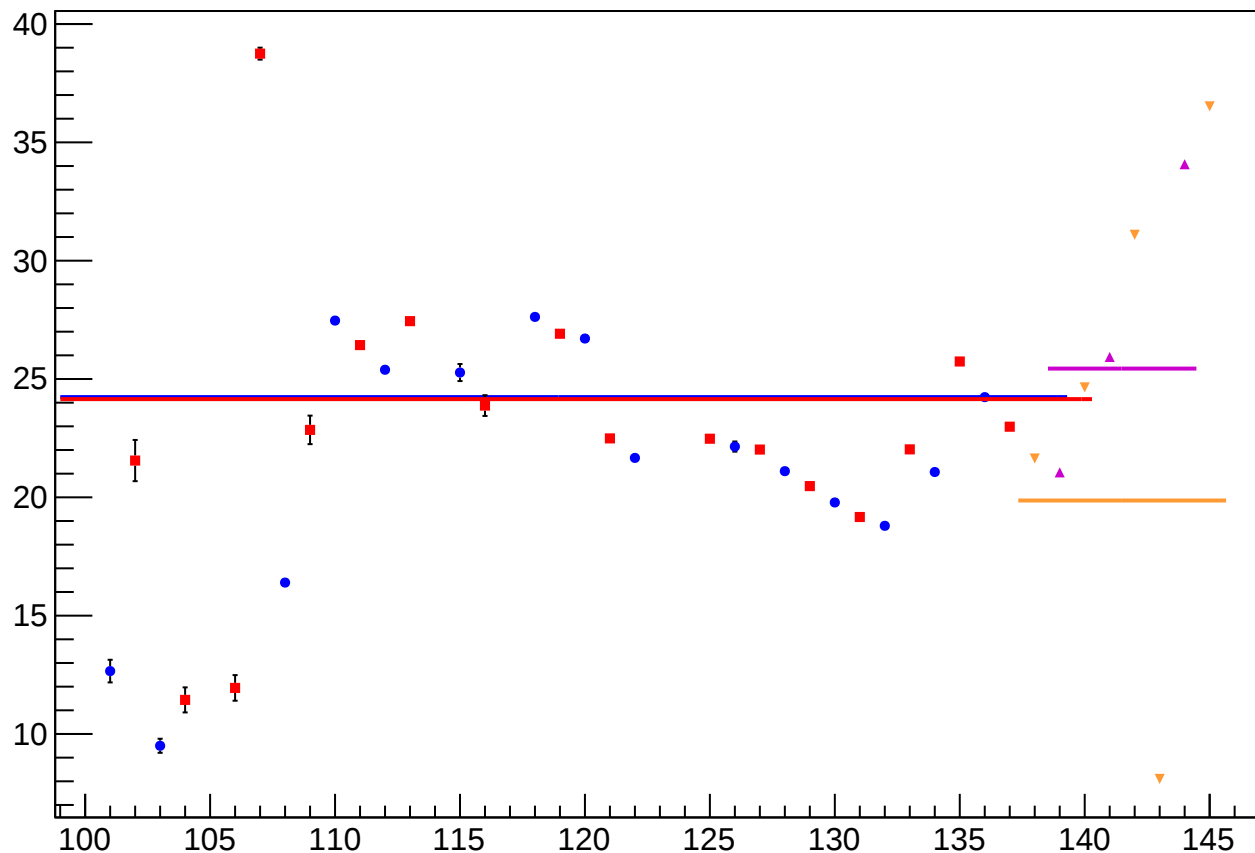
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -0.972 ± 0.012 χ^2/NDF : 61222.1/17

Out: -0.177 ± 0.020 χ^2/NDF : 28904.6/21

All: -0.769 ± 0.010 χ^2/NDF : 91304.1/39

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 19.866+/-0.047 χ^2/NDF : 37874.0/4

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 25.440+/-0.036 χ^2/NDF : 7805.0/2

Left: 23.406+/-0.029 χ^2/NDF : 54509.3/7

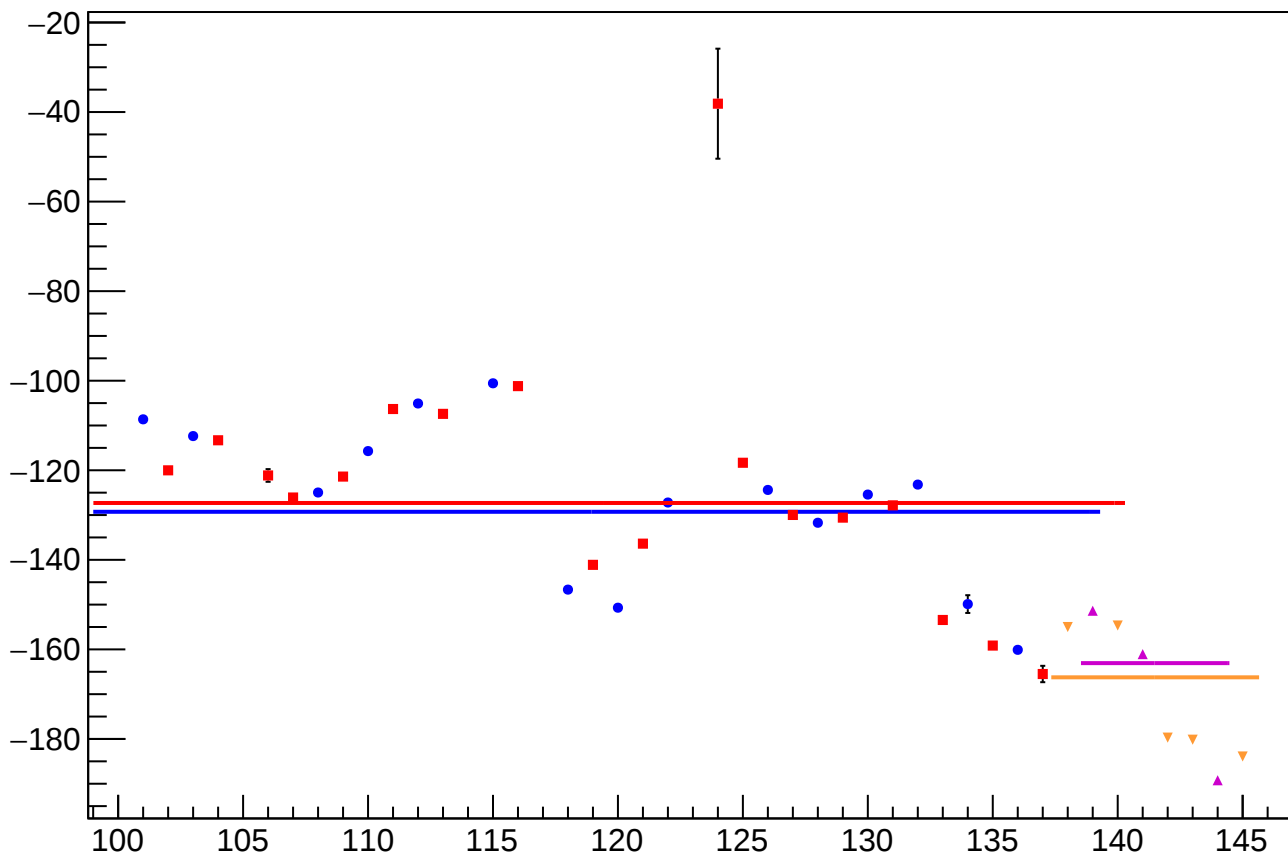
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 24.566+/-0.019 χ^2/NDF : 30522.9/17

Out: 23.251+/-0.022 χ^2/NDF : 57584.9/21

All: 24.002+/-0.014 χ^2/NDF : 90213.1/39

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -166.240 ± 0.137 χ^2/NDF : 8445.6/4

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -163.067 ± 0.152 χ^2/NDF : 7892.6/2

Left: -164.813 ± 0.102 χ^2/NDF : 16579.2/7

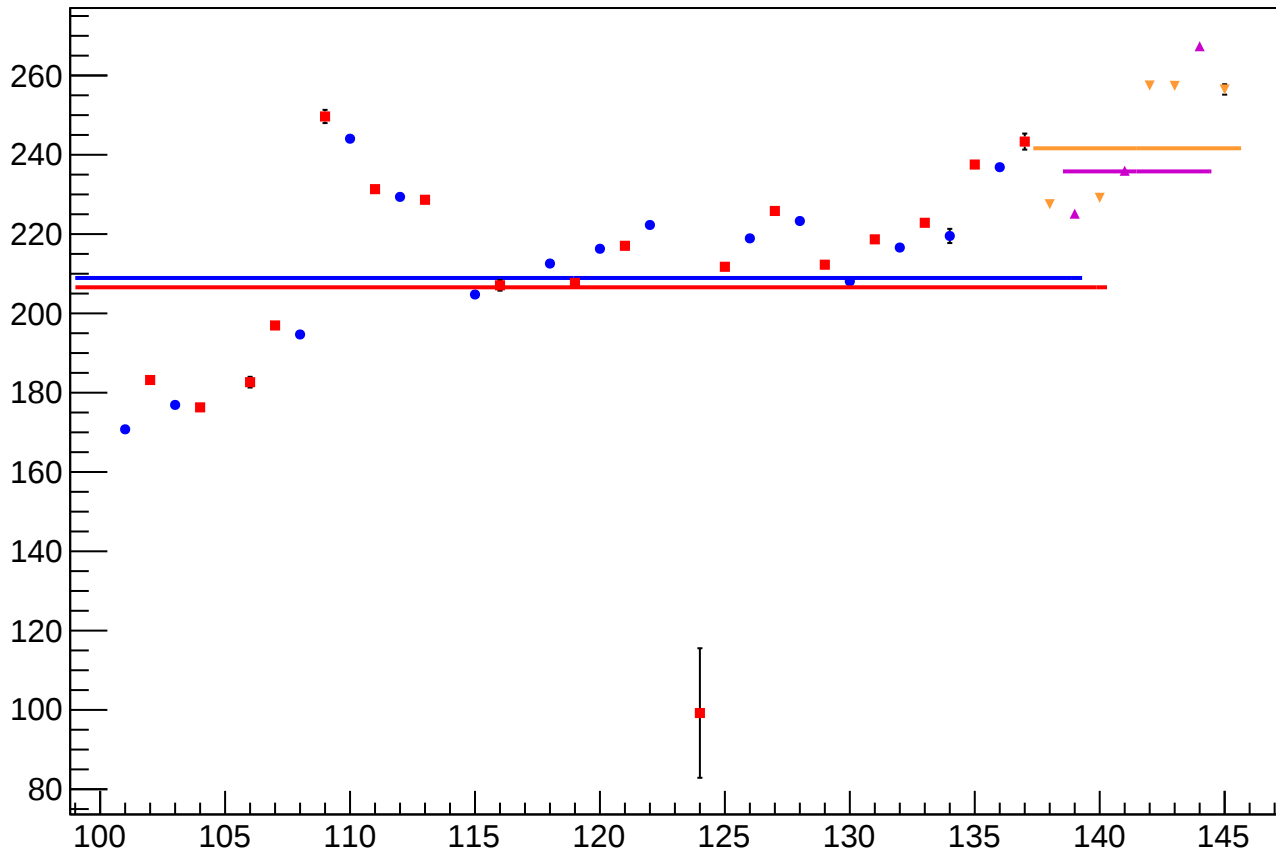
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -137.757 ± 0.076 χ^2/NDF : 80220.7/17

Out: -137.992 ± 0.072 χ^2/NDF : 96584.7/22

All: -137.881 ± 0.052 χ^2/NDF : 176810.4/40

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 241.638 $\pm$ 0.139 χ^2 /NDF:10895.5/4

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 235.807 $\pm$ 0.144 χ^2 /NDF:8754.3/2

Left: 238.817 $\pm$ 0.100 χ^2 /NDF: 20496.7/7

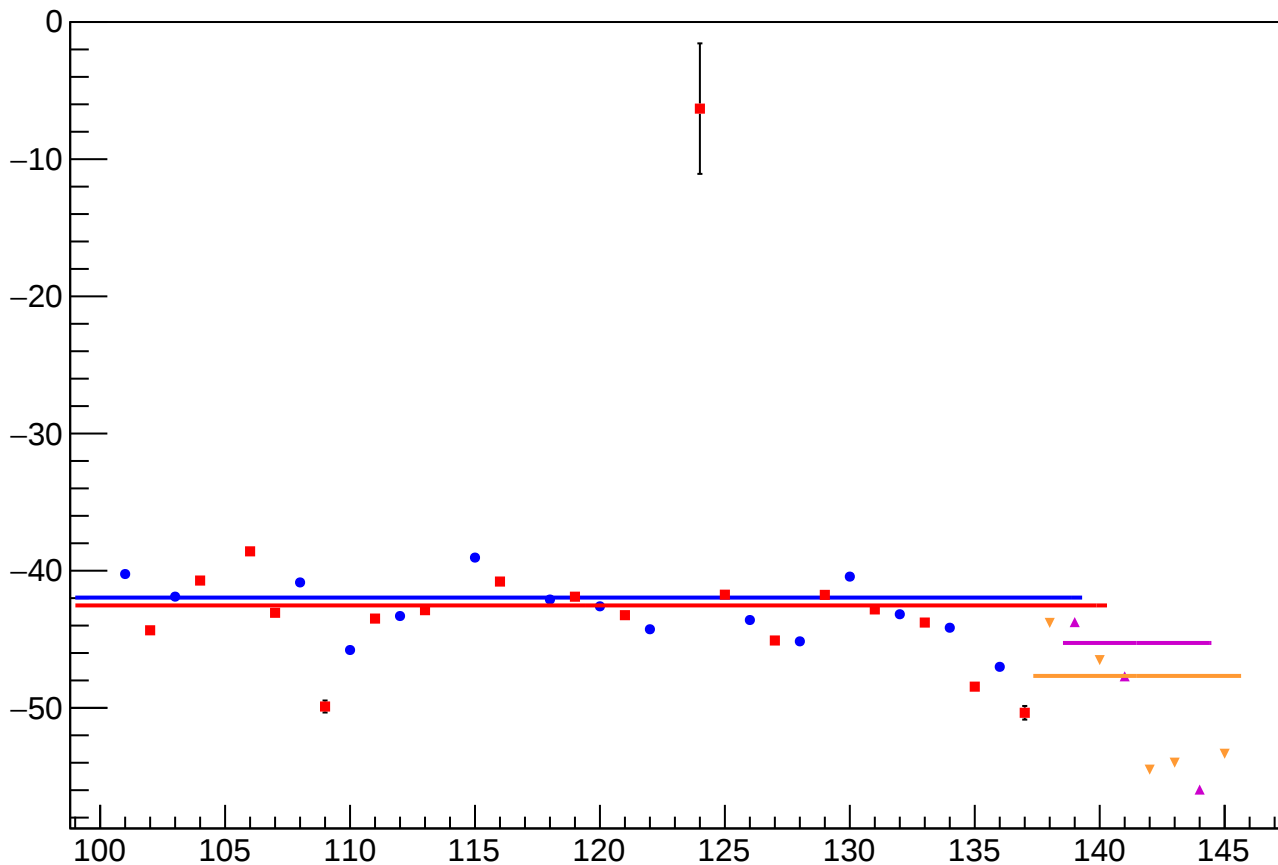
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 216.388 $\pm$ 0.076 χ^2 /NDF:78613.3/17

Out: 215.792 $\pm$ 0.071 χ^2 /NDF:105769.2/22

All: 216.072 $\pm$ 0.052 χ^2 /NDF: 184415.3/40

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959±/0.016 χ^2/NDF : 24229.7/14

Left Out: -47.670±/0.025 χ^2/NDF :33960.8/4

Right Out: -42.532±/0.021 χ^2/NDF : 6137.0/17

Left In: -45.267±/0.023 χ^2/NDF :15546.2/2

Left: -46.371±/0.017 χ^2/NDF : 54660.7/7

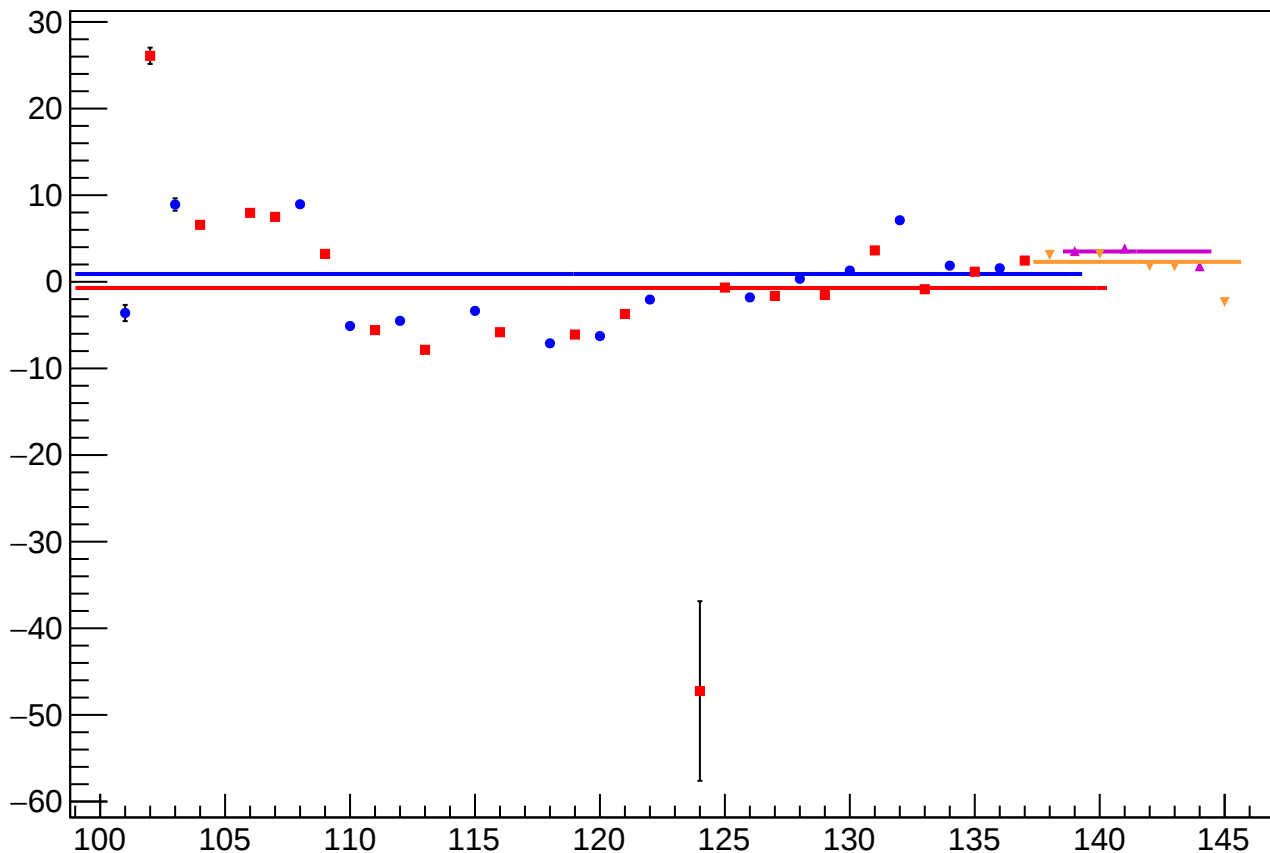
Right: -42.168±/0.012 χ^2/NDF : 30855.6/32

In: -43.022±/0.013 χ^2/NDF :54199.6/17

Out: -44.655±/0.016 χ^2/NDF :65675.0/22

All: -43.672±/0.010 χ^2/NDF : 126295.5/40

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.301 ± 0.023 χ^2/NDF : 5078.8/4

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.503 ± 0.023 χ^2/NDF : 947.9/2

Left: 2.895 ± 0.016 χ^2/NDF : 7396.6/7

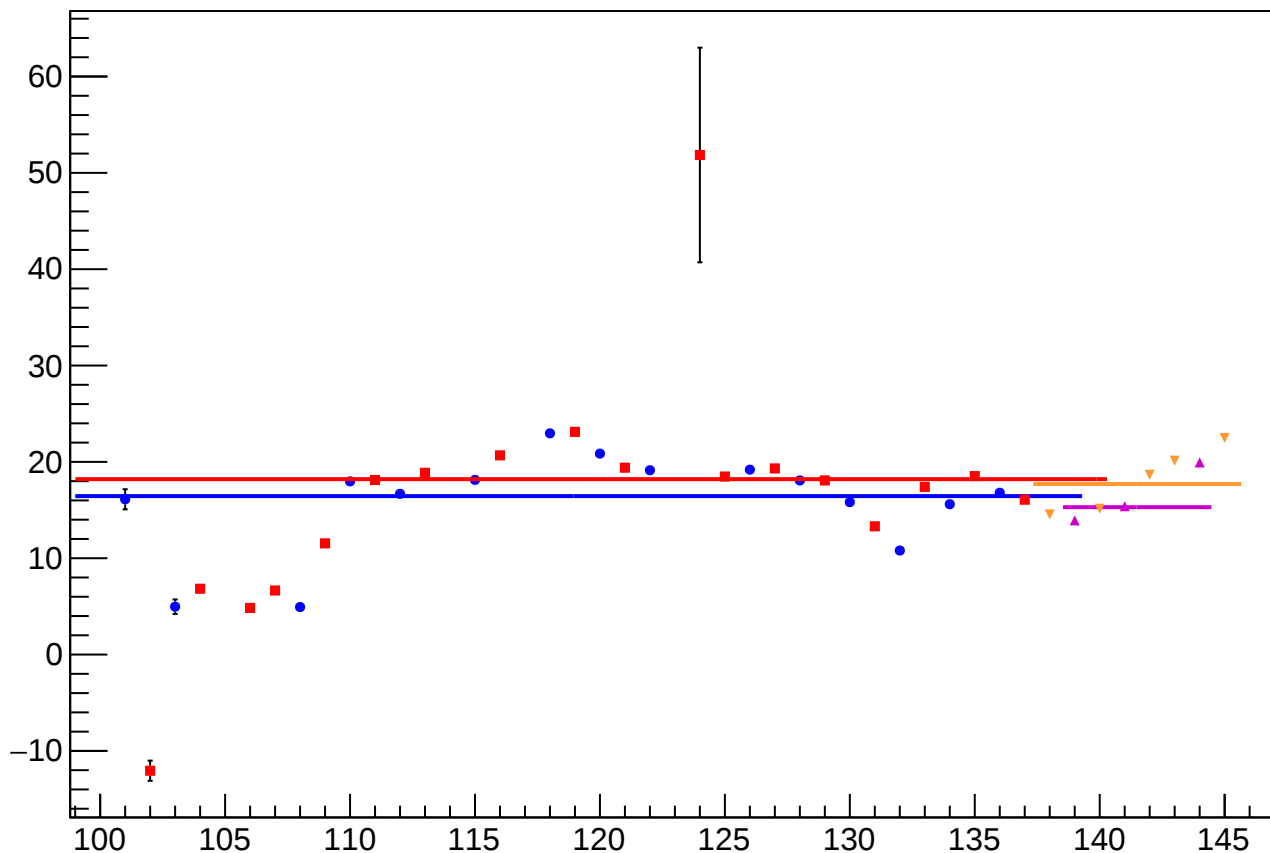
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.020 ± 0.015 χ^2/NDF : 29312.9/17

Out: 0.889 ± 0.017 χ^2/NDF : 43967.6/22

All: 1.508 ± 0.011 χ^2/NDF : 75806.2/40

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 χ^2/NDF : 14183.1/14

Left Out: 17.699 ± 0.028 χ^2/NDF : 8174.2/4

Right Out: 18.207 ± 0.020 χ^2/NDF : 27493.7/17

Left In: 15.299 ± 0.030 χ^2/NDF : 3313.1/2

Left: 16.581 ± 0.020 χ^2/NDF : 14977.2/7

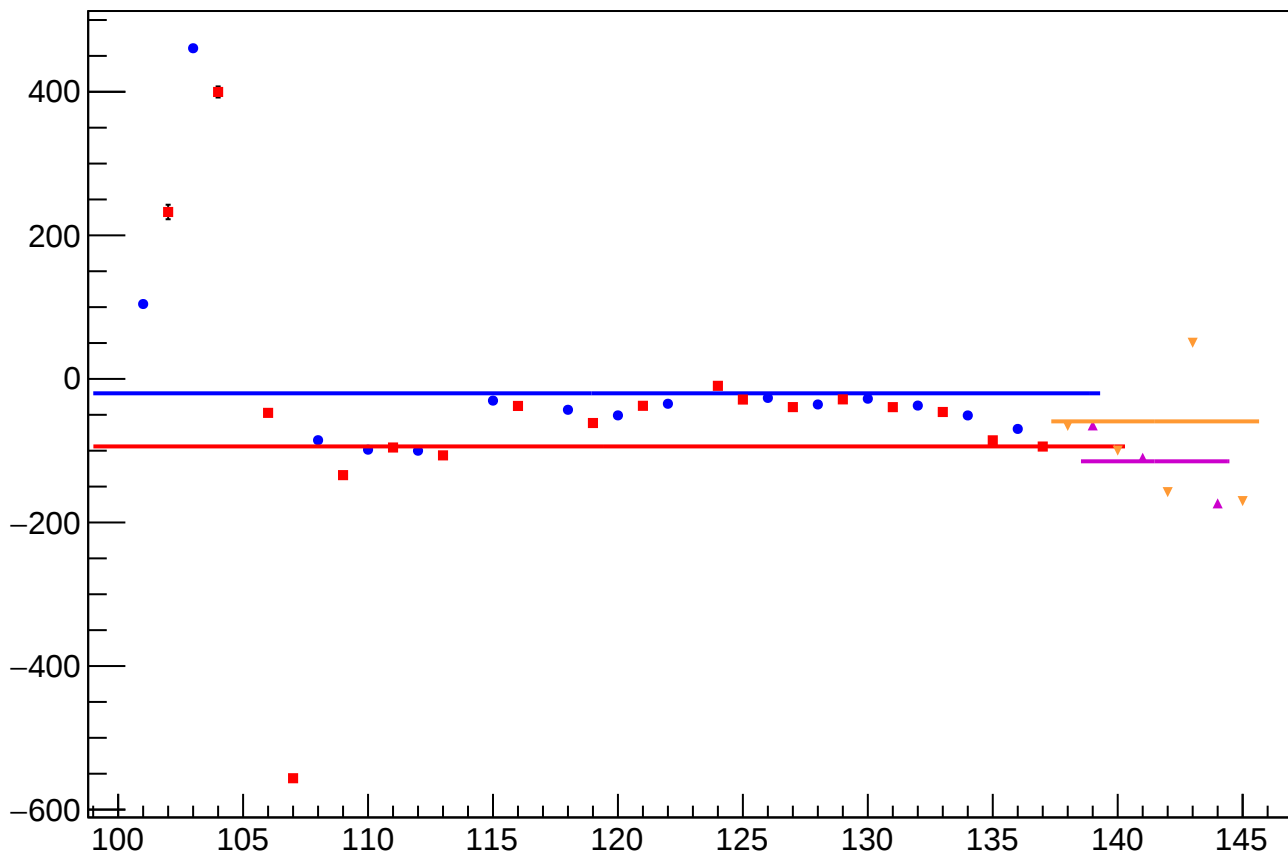
Right: 17.482 ± 0.016 χ^2/NDF : 44731.9/32

In: 15.984 ± 0.019 χ^2/NDF : 18388.6/17

Out: 18.028 ± 0.016 χ^2/NDF : 35885.1/22

All: 17.145 ± 0.012 χ^2/NDF : 60944.8/40

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -59.154 ± 0.274 χ^2/NDF : 42844.1/4

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -114.791 ± 0.336 χ^2/NDF : 13041.5/2

Left: -81.332 ± 0.212 χ^2/NDF : 72370.8/7

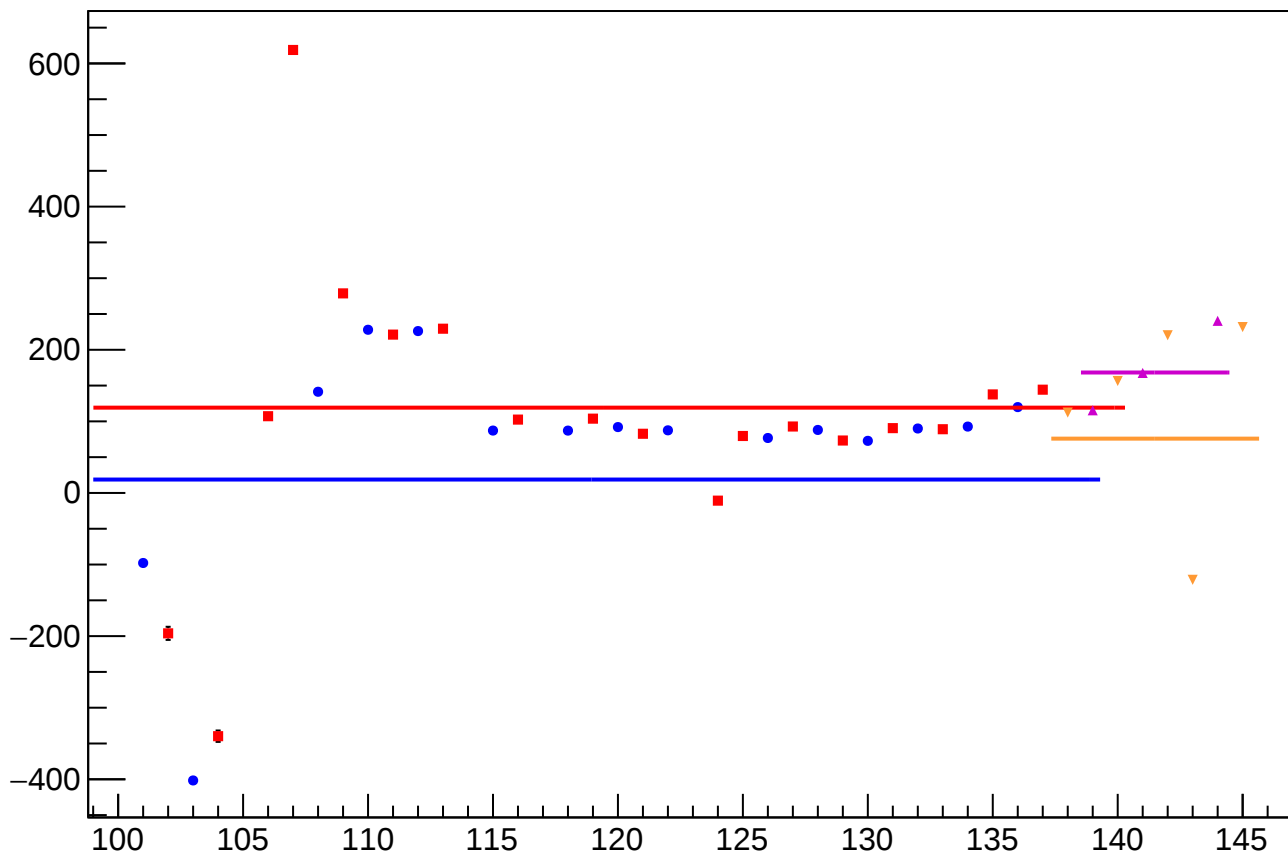
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -36.351 ± 0.139 χ^2/NDF : 520308.4/17

Out: -93.978 ± 0.012 χ^2/NDF : 146566.9/22

All: -93.524 ± 0.012 χ^2/NDF : 836528.6/40

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2 /NDF: 1101803.8/14

Left Out: 75.873+/-0.272 χ^2 /NDF:159900.2/4

Right Out: 119.167+/-0.199 χ^2 /NDF: 87450.0/17

Left In: 168.260+/-0.338 χ^2 /NDF:13826.6/2

Left: 112.166+/-0.212 χ^2 /NDF: 219170.4/7

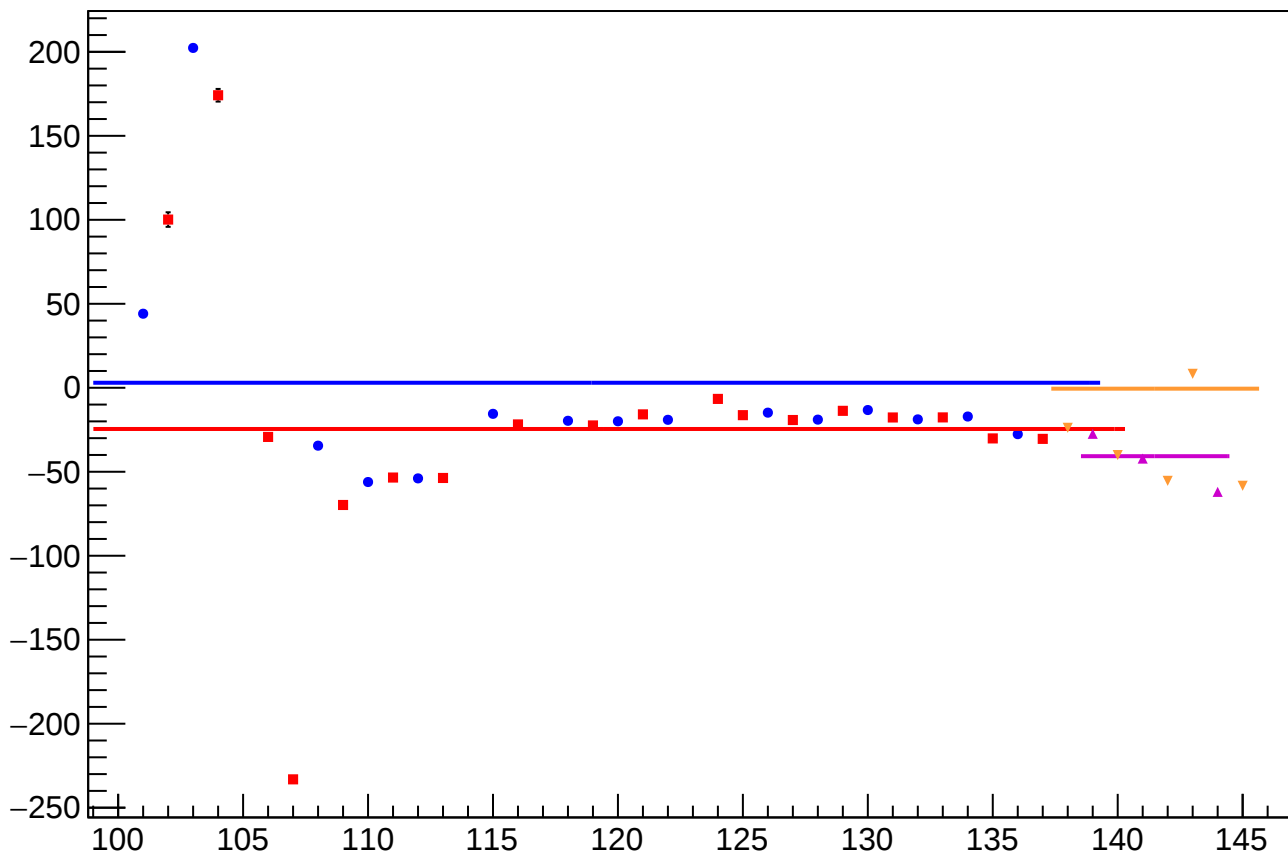
Right: 55.701+/-0.121 χ^2 /NDF: 1349806.5/32

In: 43.943+/-0.139 χ^2 /NDF:1278634.0/17

Out: 104.021+/-0.161 χ^2 /NDF:263866.9/22

All: 69.590+/-0.105 χ^2 /NDF: 1622639.0/40

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -0.532 ± 0.034 χ^2/NDF : 263495.3/4

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -40.726 ± 0.064 χ^2/NDF : 17017.4/2

Left: -9.317 ± 0.030 χ^2/NDF : 590557.5/7

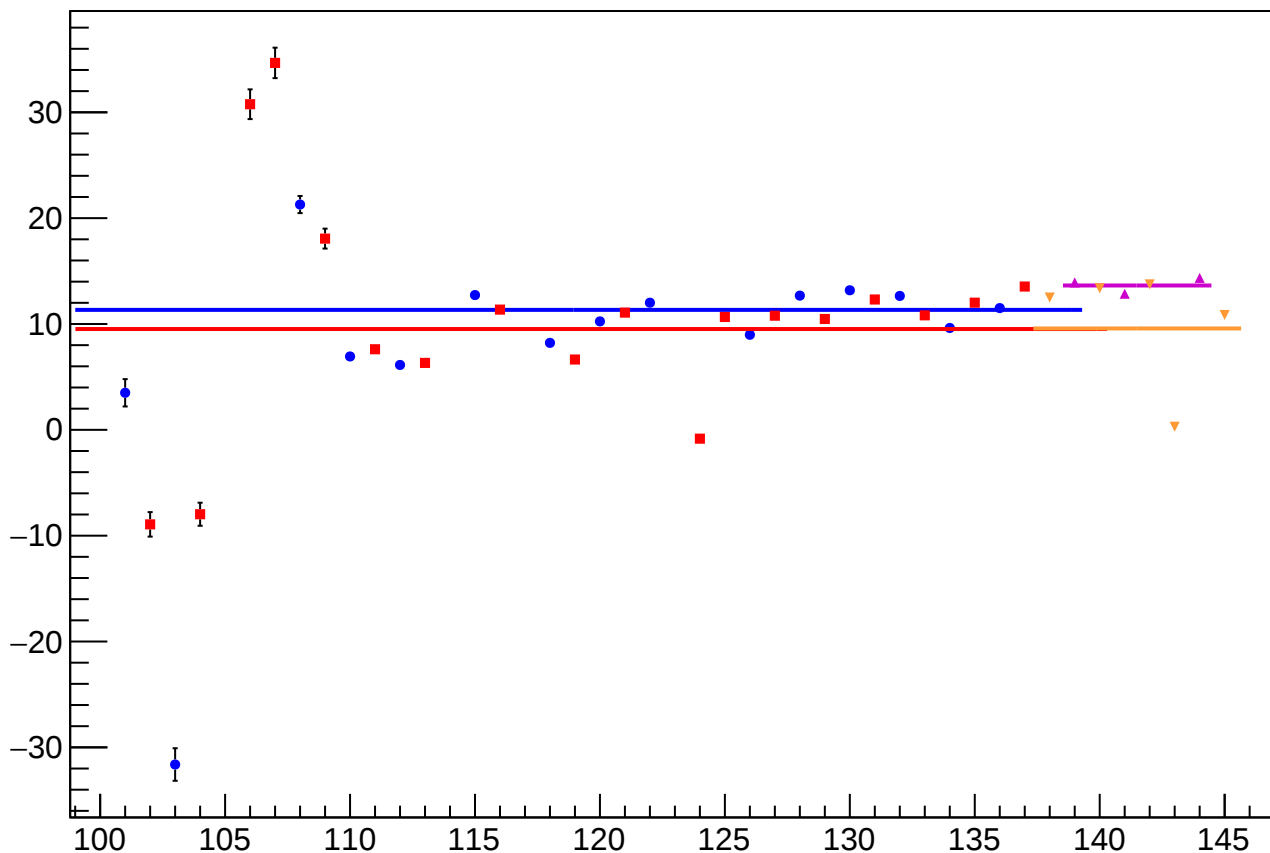
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -3.600 ± 0.025 χ^2/NDF : 3912356.8/17

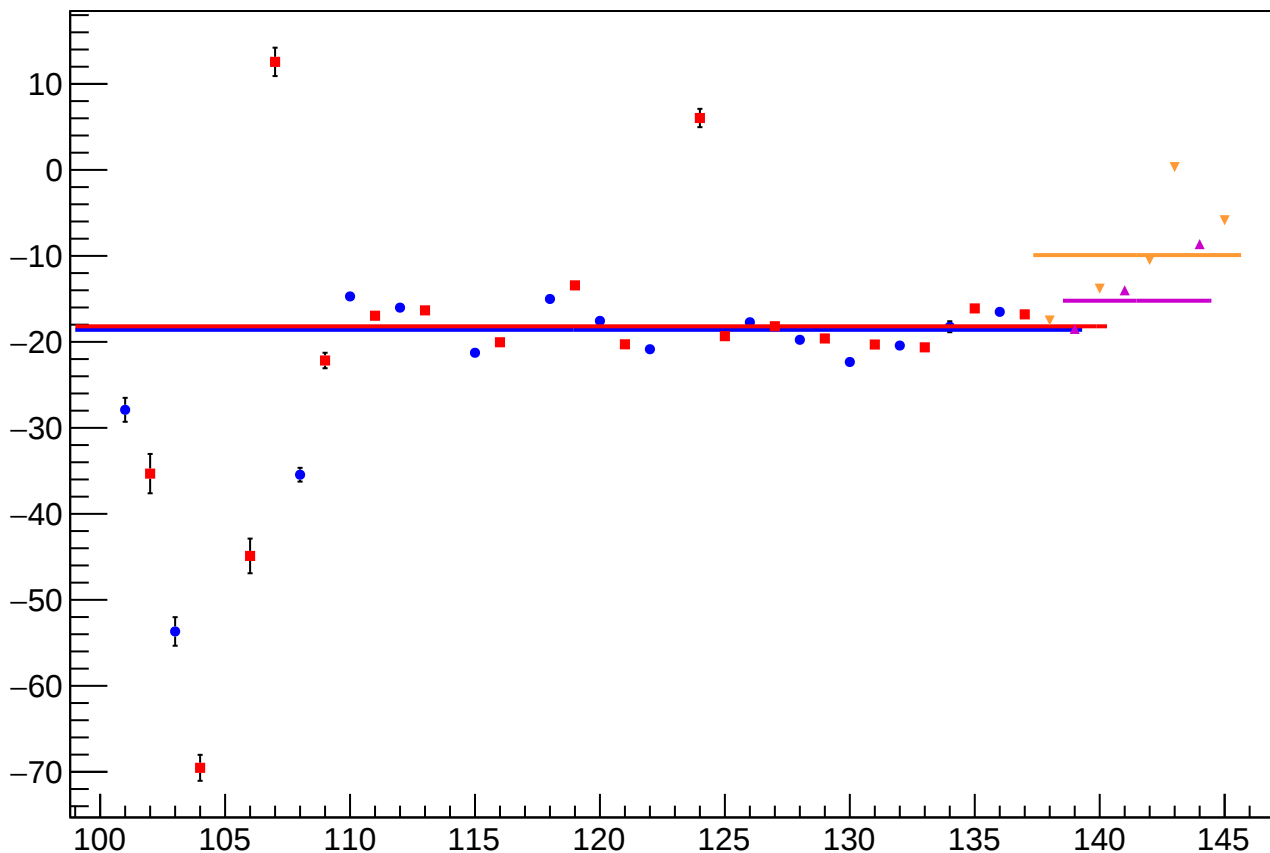
Out: -9.517 ± 0.027 χ^2/NDF : 629342.8/22

All: -6.339 ± 0.018 χ^2/NDF : 4568099.1/40

dit_atl1_4aY_slope vs Slug, Sign Corrected



dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -9.908 ± 0.050 $\chi^2/\text{NDF}: 16119.5/4$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -15.214 ± 0.074 $\chi^2/\text{NDF}: 2589.5/2$

Left: -11.588 ± 0.042 $\chi^2/\text{NDF}: 22210.2/7$

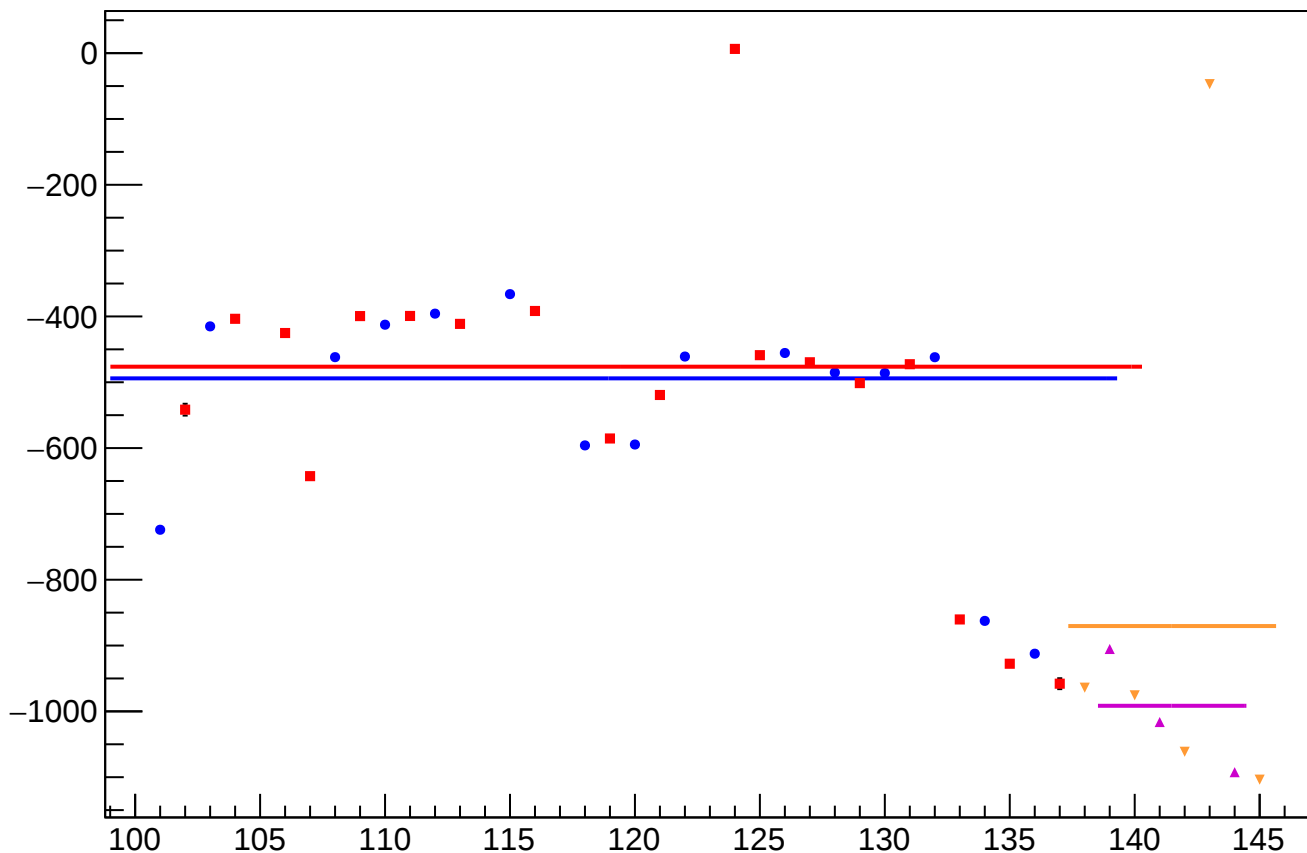
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -17.917 ± 0.033 $\chi^2/\text{NDF}: 10442.6/17$

Out: -14.132 ± 0.035 $\chi^2/\text{NDF}: 34740.2/22$

All: -16.140 ± 0.024 $\chi^2/\text{NDF}: 51275.7/40$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -870.383 ± 0.648 $\chi^2/\text{NDF}: 283658.5/4$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -991.516 ± 0.643 $\chi^2/\text{NDF}: 13049.6/2$

Left: -931.426 ± 0.456 $\chi^2/\text{NDF}: 314312.0/7$

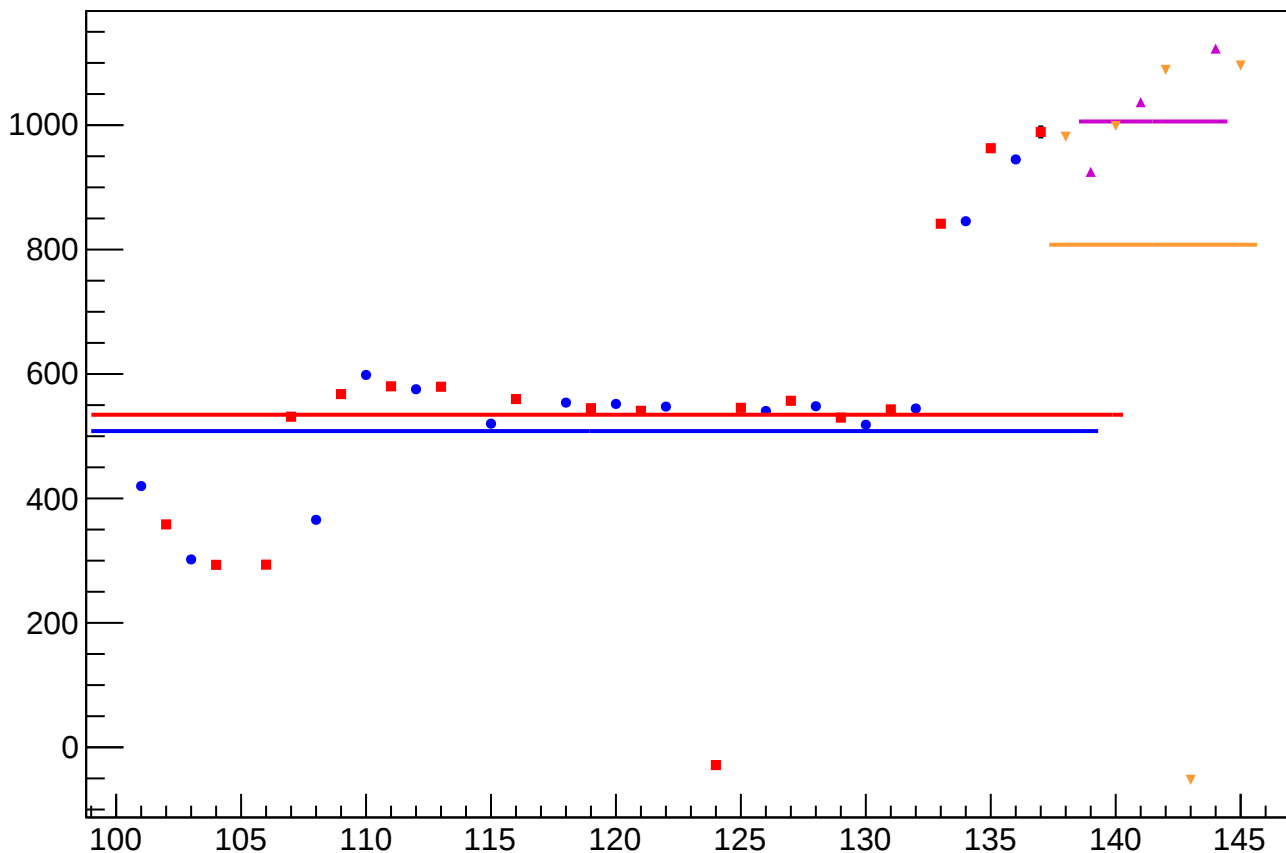
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -551.417 ± 0.218 $\chi^2/\text{NDF}: 868494.7/17$

Out: -506.073 ± 0.178 $\chi^2/\text{NDF}: 1219528.6/22$

All: -524.181 ± 0.138 $\chi^2/\text{NDF}: 2113935.8/40$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 807.832 $\pm$ 0.673 χ^2 /NDF: 401017.8/4

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 1005.892 $\pm$ 0.617 χ^2 /NDF: 14260.5/2

Left: 915.554 $\pm$ 0.455 χ^2 /NDF: 462334.3/7

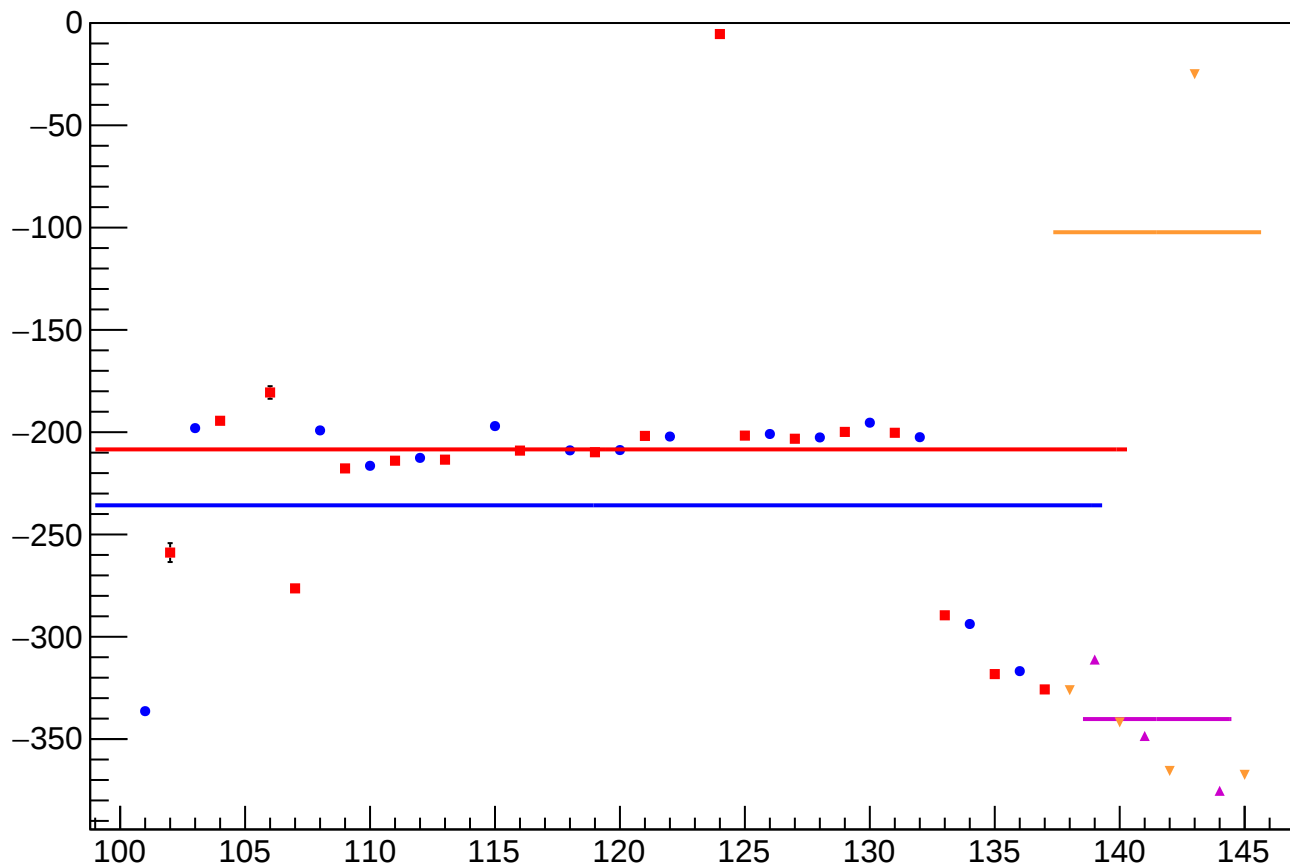
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 565.216 $\pm$ 0.209 χ^2 /NDF: 1030480.8/17

Out: 560.287 $\pm$ 0.207 χ^2 /NDF: 918490.8/22

All: 562.729 $\pm$ 0.147 χ^2 /NDF: 1949253.4/40

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -102.263+/-0.091 χ^2/NDF : 2287305.9/4

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -340.218+/-0.105 χ^2/NDF : 34769.6/2

Left: -203.642+/-0.069 χ^2/NDF : 5267240.8/7

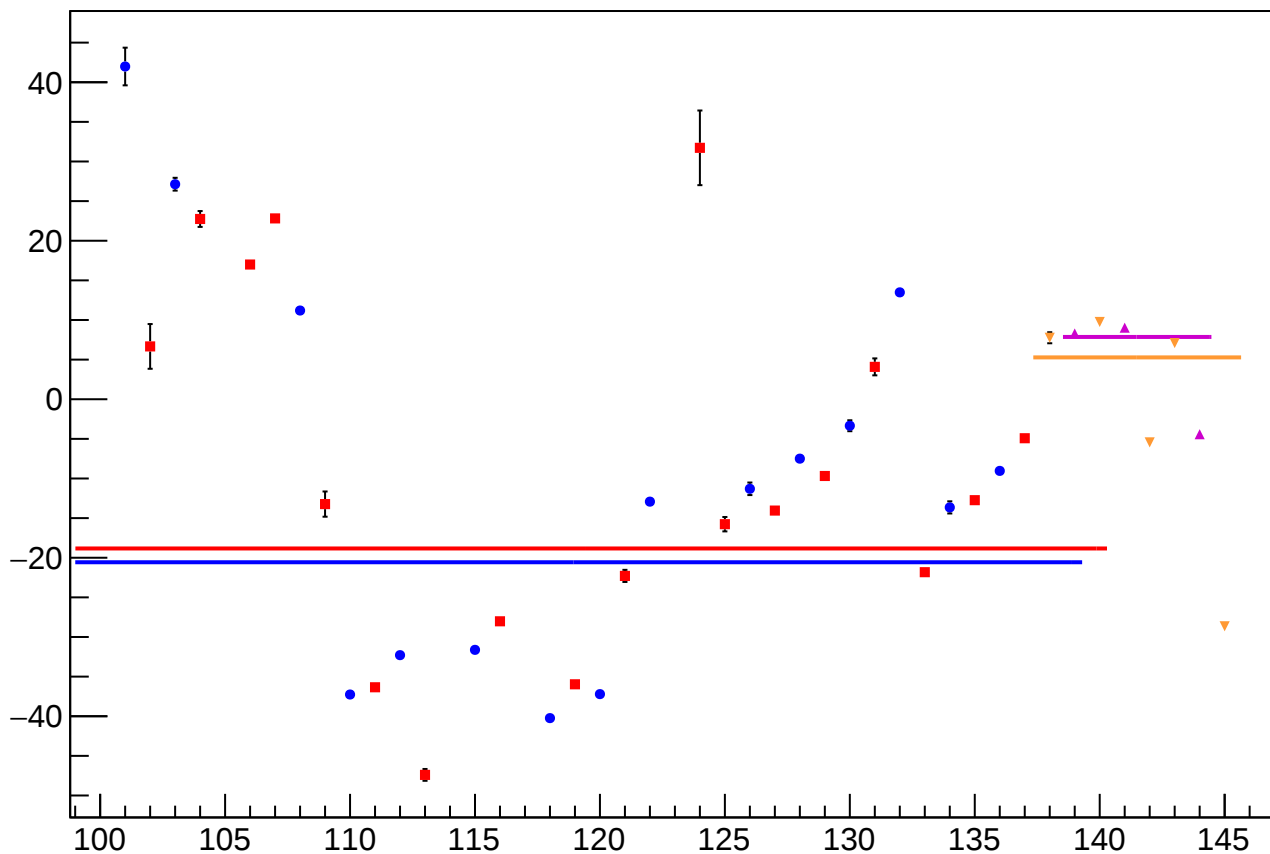
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -258.369+/-0.049 χ^2/NDF : 1685886.3/17

Out: -186.058+/-0.042 χ^2/NDF : 3748249.8/22

All: -216.375+/-0.032 χ^2/NDF : 6705045.9/40

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 5.280 ± 0.104 χ^2/NDF : 6298.1/4

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 7.861 ± 0.091 χ^2/NDF : 1521.0/2

Left: 6.748 ± 0.069 χ^2/NDF : 8166.4/7

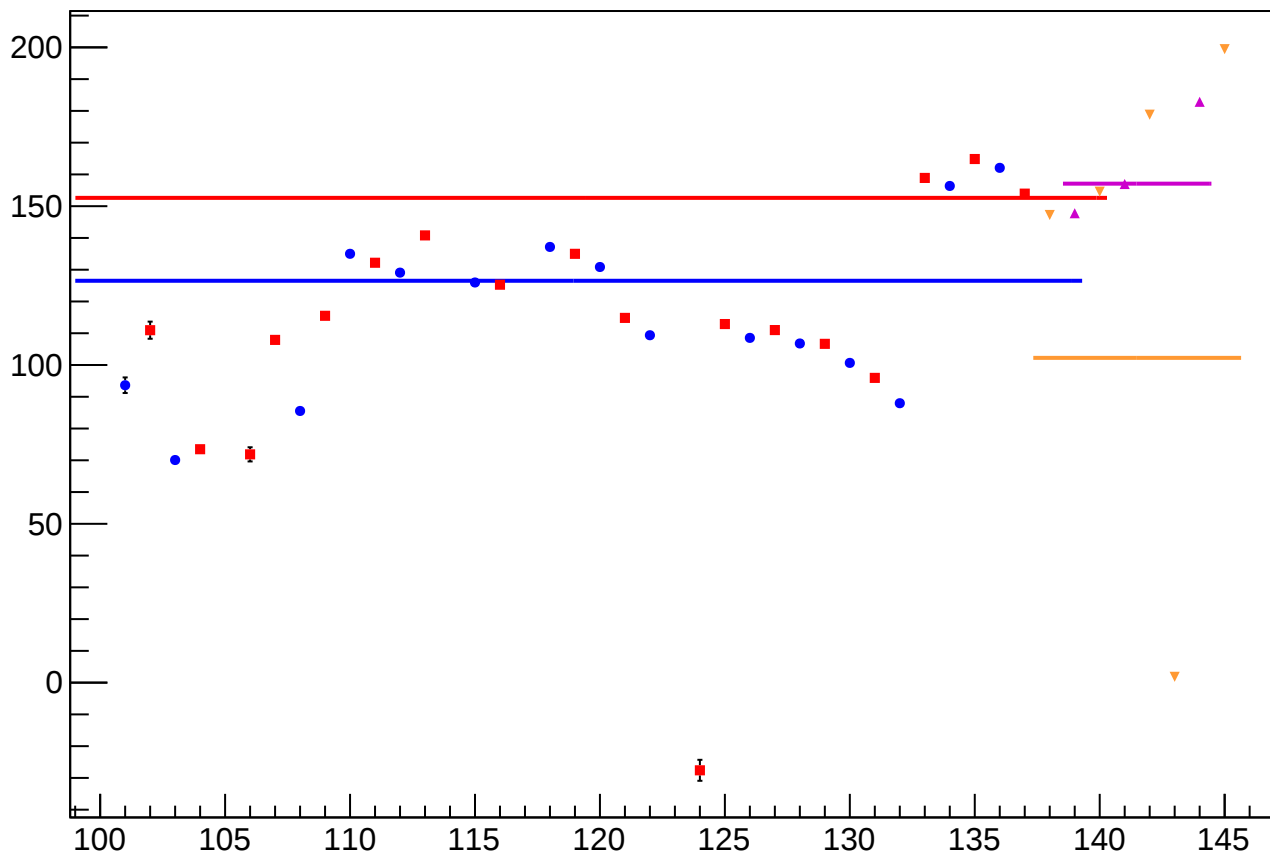
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -9.741 ± 0.056 χ^2/NDF : 125419.3/17

Out: -6.372 ± 0.075 χ^2/NDF : 52904.2/22

All: -8.533 ± 0.045 χ^2/NDF : 179614.9/40

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 102.247 $\pm$ 0.142 χ^2 /NDF:322621.8/4

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 157.092 $\pm$ 0.118 χ^2 /NDF:6069.8/2

Left: 134.651 $\pm$ 0.091 χ^2 /NDF: 417318.6/7

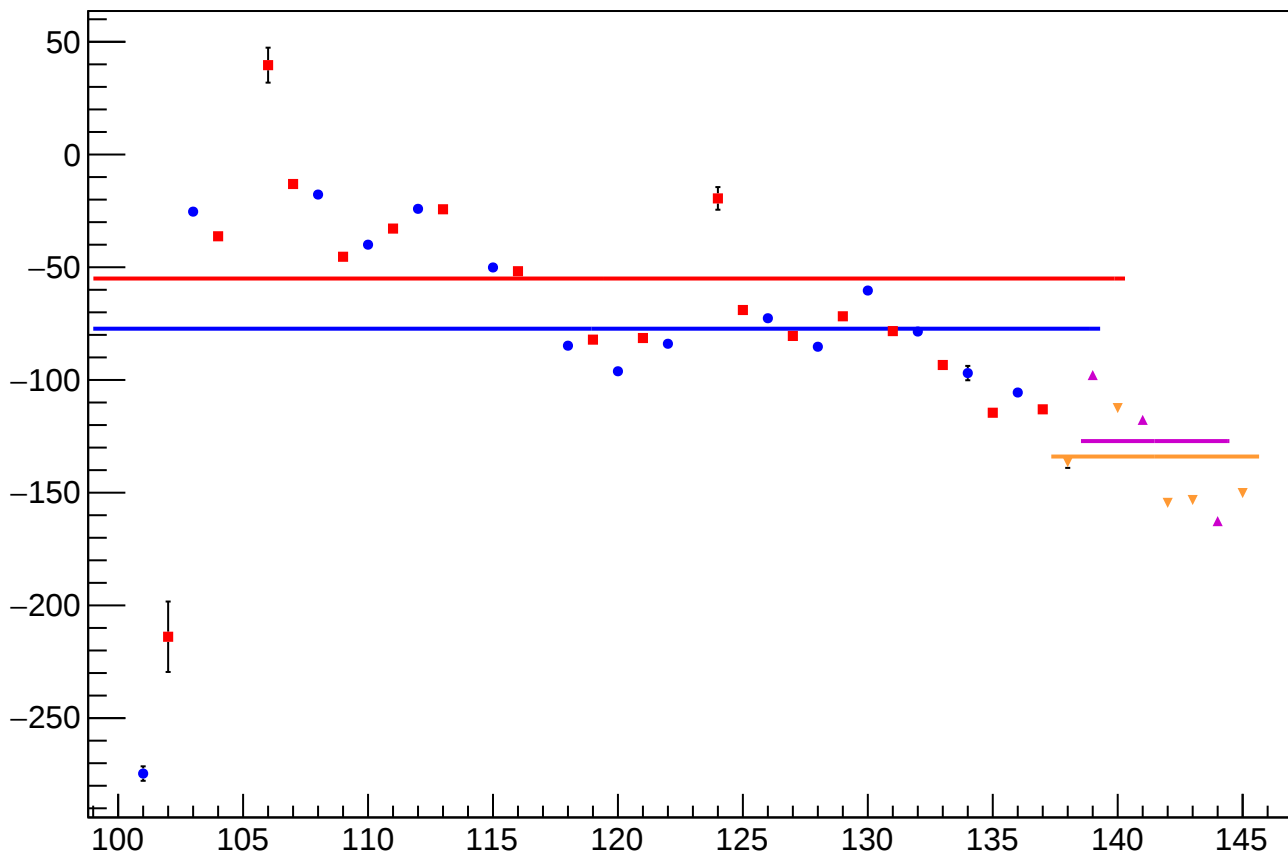
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.818 $\pm$ 0.068 χ^2 /NDF:165673.8/17

Out: 150.407 $\pm$ 0.030 χ^2 /NDF:517623.6/22

All: 148.254 $\pm$ 0.027 χ^2 /NDF: 716516.1/40

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -133.964 ± 0.278 χ^2/NDF : 5346.0/4

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -127.109 ± 0.250 χ^2/NDF : 7678.9/2

Left: -130.182 ± 0.186 χ^2/NDF : 13361.4/7

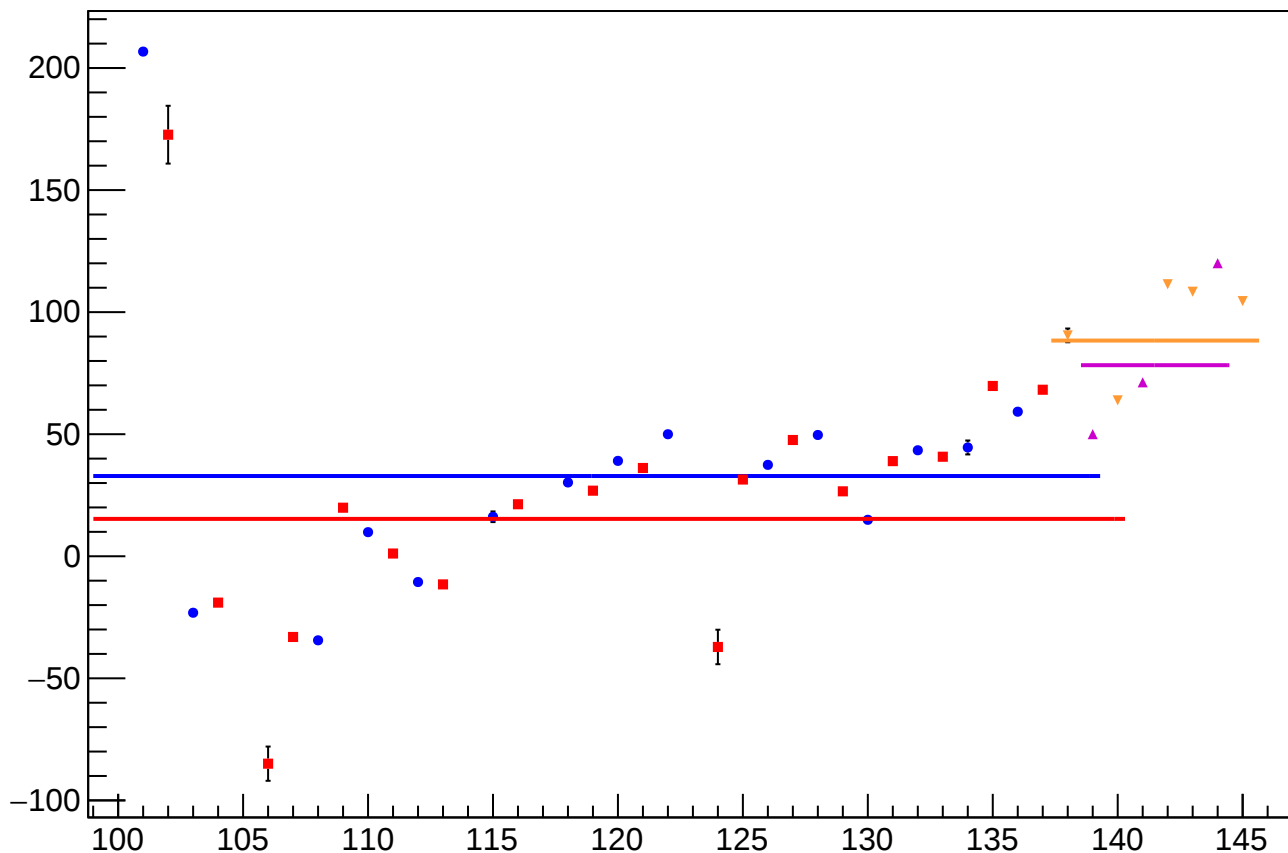
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -89.982 ± 0.126 χ^2/NDF : 67600.6/17

Out: -80.247 ± 0.157 χ^2/NDF : 84032.4/22

All: -86.152 ± 0.098 χ^2/NDF : 153966.9/40

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 88.357+/-0.275 χ^2/NDF : 6647.3/4

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: 82.650+/-0.181 χ^2/NDF : 15716.4/7

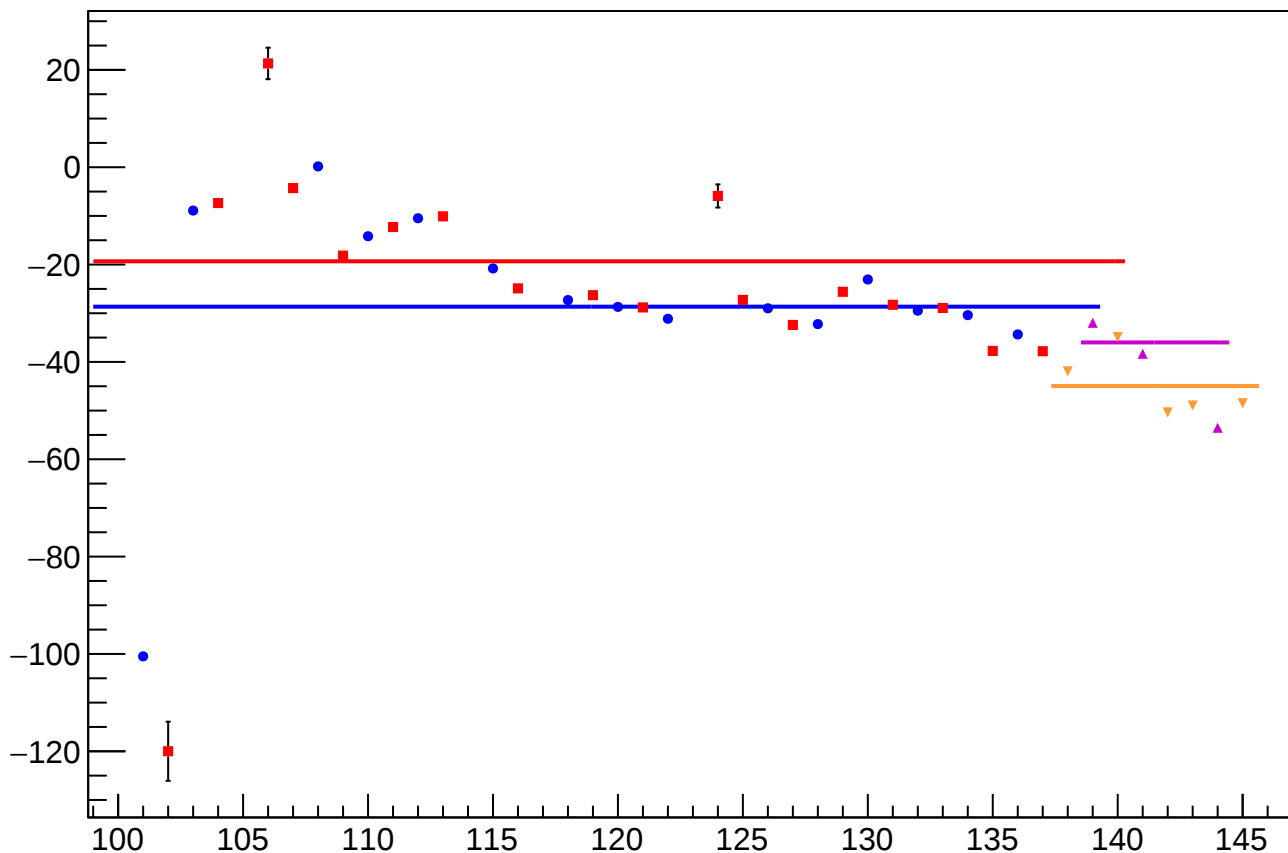
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 45.038+/-0.125 χ^2/NDF : 65618.5/17

Out: 42.115+/-0.167 χ^2/NDF : 67935.2/22

All: 43.988+/-0.100 χ^2/NDF : 133750.5/40

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -44.944 ± 0.062 $\chi^2/\text{NDF}: 11068.7/4$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -35.995 ± 0.044 $\chi^2/\text{NDF}: 16992.9/2$

Left: -38.987 ± 0.036 $\chi^2/\text{NDF}: 42105.2/7$

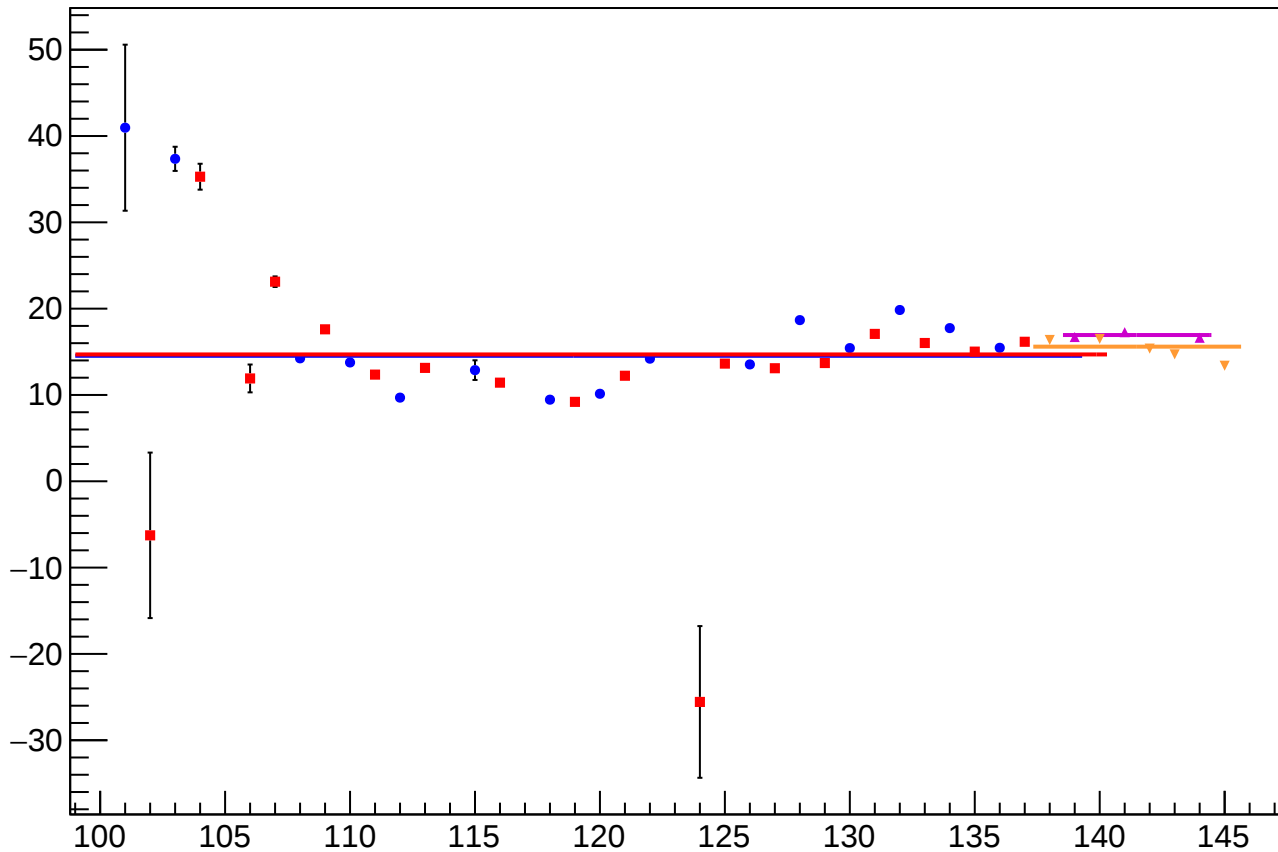
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -31.449 ± 0.027 $\chi^2/\text{NDF}: 147958.0/17$

Out: -26.749 ± 0.033 $\chi^2/\text{NDF}: 190458.0/22$

All: -29.579 ± 0.021 $\chi^2/\text{NDF}: 350508.1/40$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 ± 0.030 $\chi^2/\text{NDF}: 12071.8/14$

Left Out: 15.597 ± 0.035 $\chi^2/\text{NDF}: 930.3/4$

Right Out: 14.695 ± 0.044 $\chi^2/\text{NDF}: 1633.0/17$

Left In: 16.944 ± 0.041 $\chi^2/\text{NDF}: 54.3/2$

Left: 16.167 ± 0.027 $\chi^2/\text{NDF}: 1596.4/7$

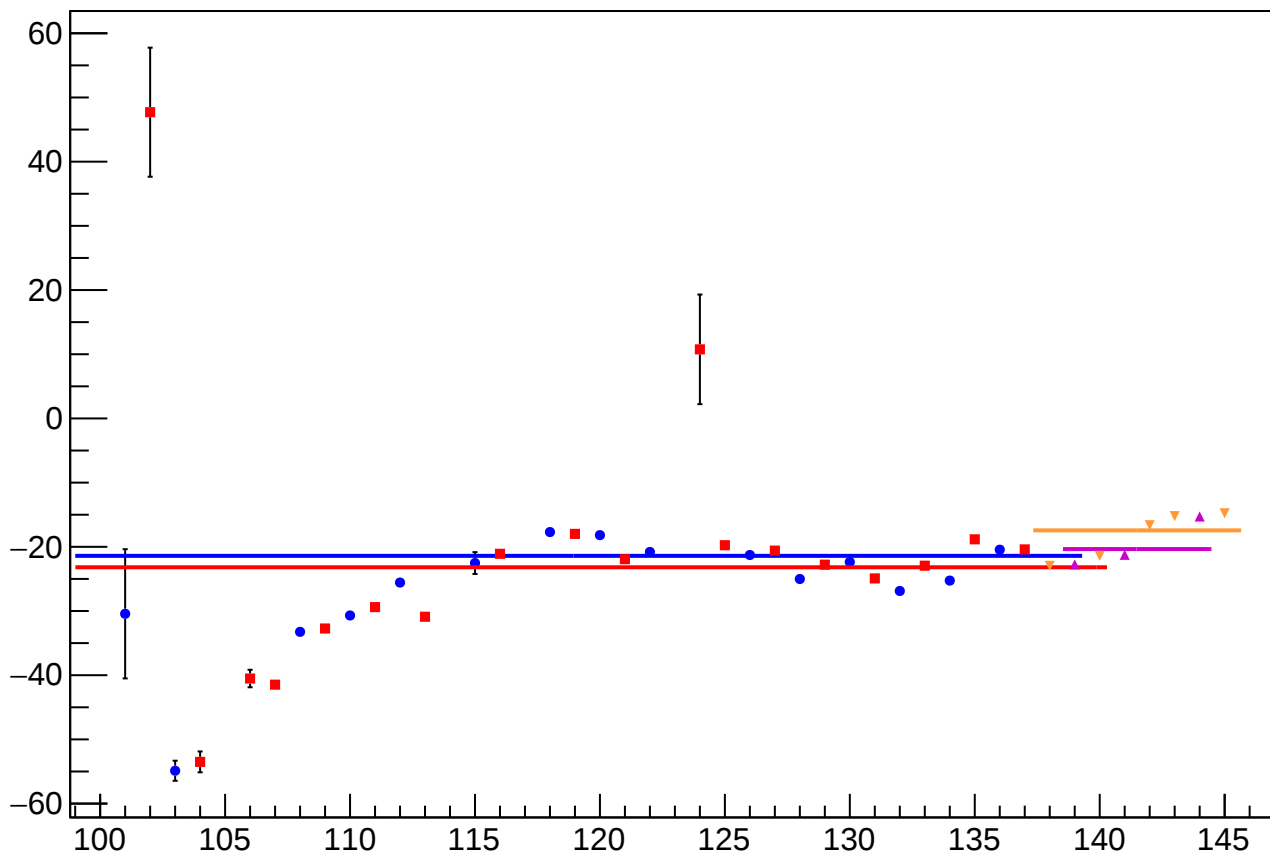
Right: 14.589 ± 0.025 $\chi^2/\text{NDF}: 13713.5/32$

In: 15.361 ± 0.024 $\chi^2/\text{NDF}: 14352.2/17$

Out: 15.238 ± 0.027 $\chi^2/\text{NDF}: 2822.1/22$

All: 15.307 ± 0.018 $\chi^2/\text{NDF}: 17185.6/40$

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -17.436 ± 0.042 $\chi^2/\text{NDF}: 5039.0/4$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -20.350 ± 0.065 $\chi^2/\text{NDF}: 2247.3/2$

Left: -18.291 ± 0.035 $\chi^2/\text{NDF}: 8699.0/7$

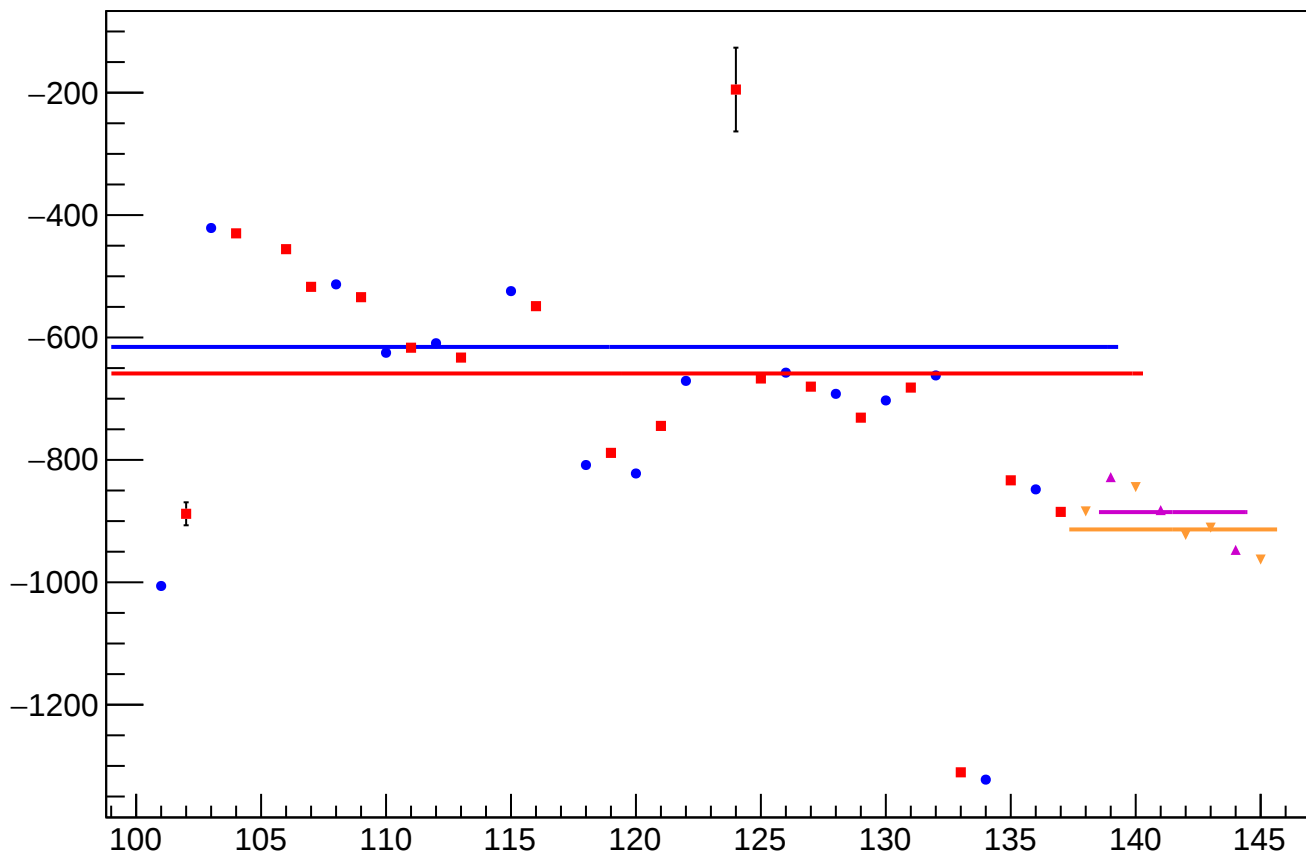
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -21.164 ± 0.031 $\chi^2/\text{NDF}: 12136.5/17$

Out: -19.754 ± 0.032 $\chi^2/\text{NDF}: 21722.0/22$

All: -20.486 ± 0.022 $\chi^2/\text{NDF}: 34839.3/40$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -913.614+/-0.509 χ^2/NDF : 6247.4/4

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -885.303+/-0.525 χ^2/NDF : 7876.1/2

Left: -899.909+/-0.366 χ^2/NDF : 15621.4/7

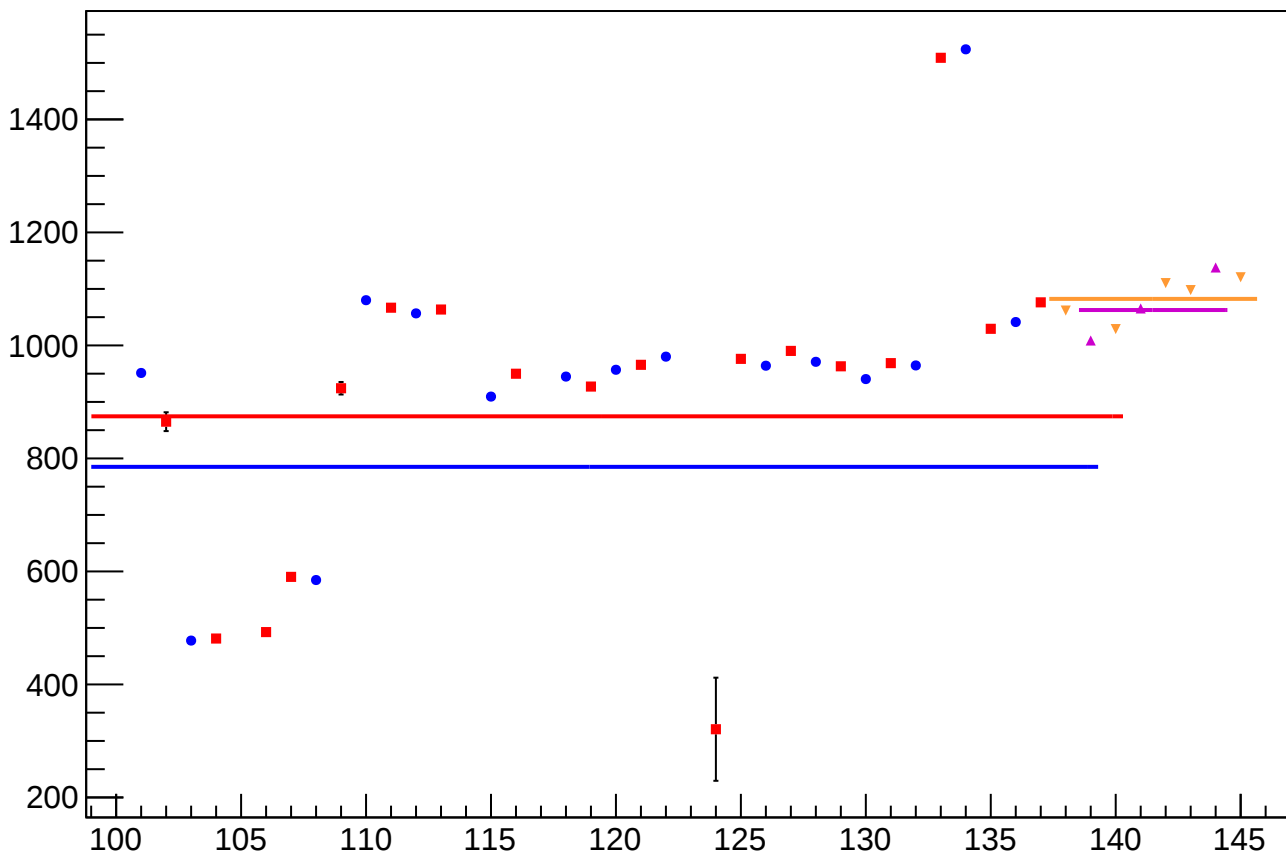
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -661.237+/-0.216 χ^2/NDF : 609732.1/17

Out: -710.334+/-0.229 χ^2/NDF : 591478.8/22

All: -684.418+/-0.157 χ^2/NDF : 1225492.7/40

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 1082.364+/-0.582 χ^2/NDF : 3386.3/4

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 1062.654+/-0.503 χ^2/NDF : 9847.7/2

Left: 1071.086+/-0.380 χ^2/NDF : 13890.9/7

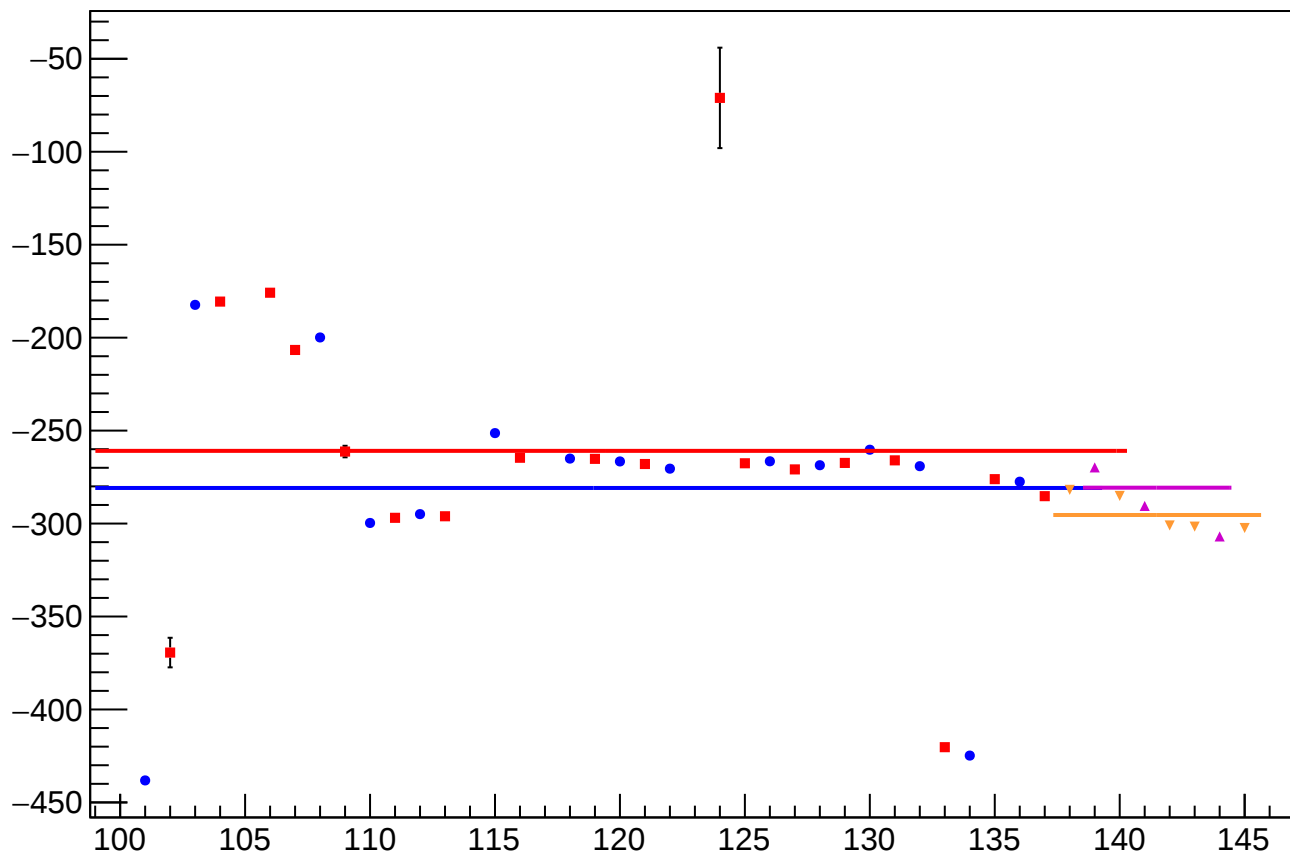
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 832.415+/-0.208 χ^2/NDF : 1148562.8/17

Out: 909.404+/-0.238 χ^2/NDF : 952190.2/22

All: 865.646+/-0.157 χ^2/NDF : 2160064.9/40

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -295.392+/-0.106 χ^2/NDF : 5696.6/4

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -280.708+/-0.065 χ^2/NDF : 38165.7/2

Left: -284.673+/-0.055 χ^2/NDF : 57763.3/7

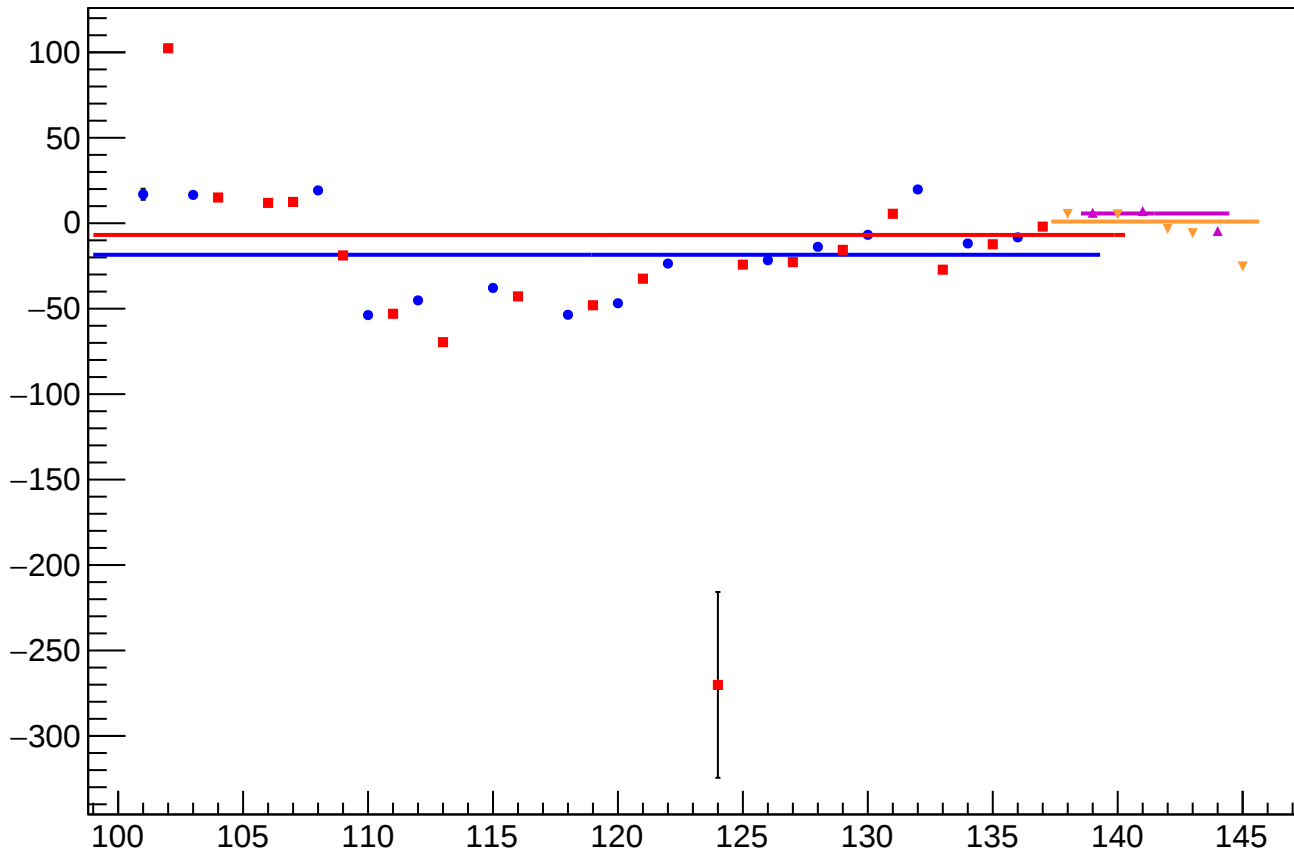
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -280.789+/-0.043 χ^2/NDF : 911779.7/17

Out: -270.808+/-0.057 χ^2/NDF : 428318.4/22

All: -277.128+/-0.035 χ^2/NDF : 1359493.3/40

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 0.979 ± 0.098 $\chi^2/\text{NDF}: 5414.3/4$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.713 ± 0.088 $\chi^2/\text{NDF}: 1602.9/2$

Left: 3.607 ± 0.065 $\chi^2/\text{NDF}: 8315.4/7$

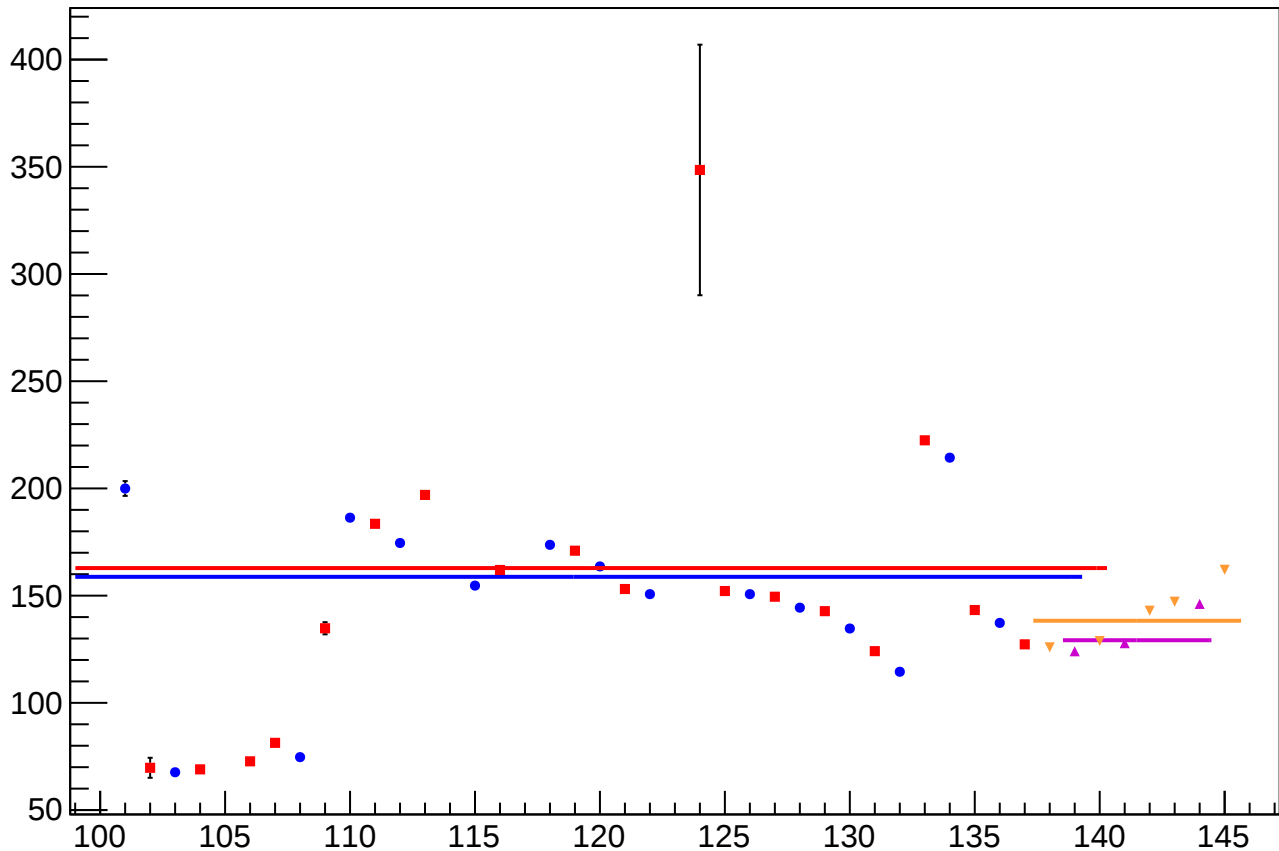
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.877 ± 0.063 $\chi^2/\text{NDF}: 84653.3/17$

Out: -4.472 ± 0.054 $\chi^2/\text{NDF}: 59884.9/22$

All: -5.064 ± 0.041 $\chi^2/\text{NDF}: 144824.3/40$

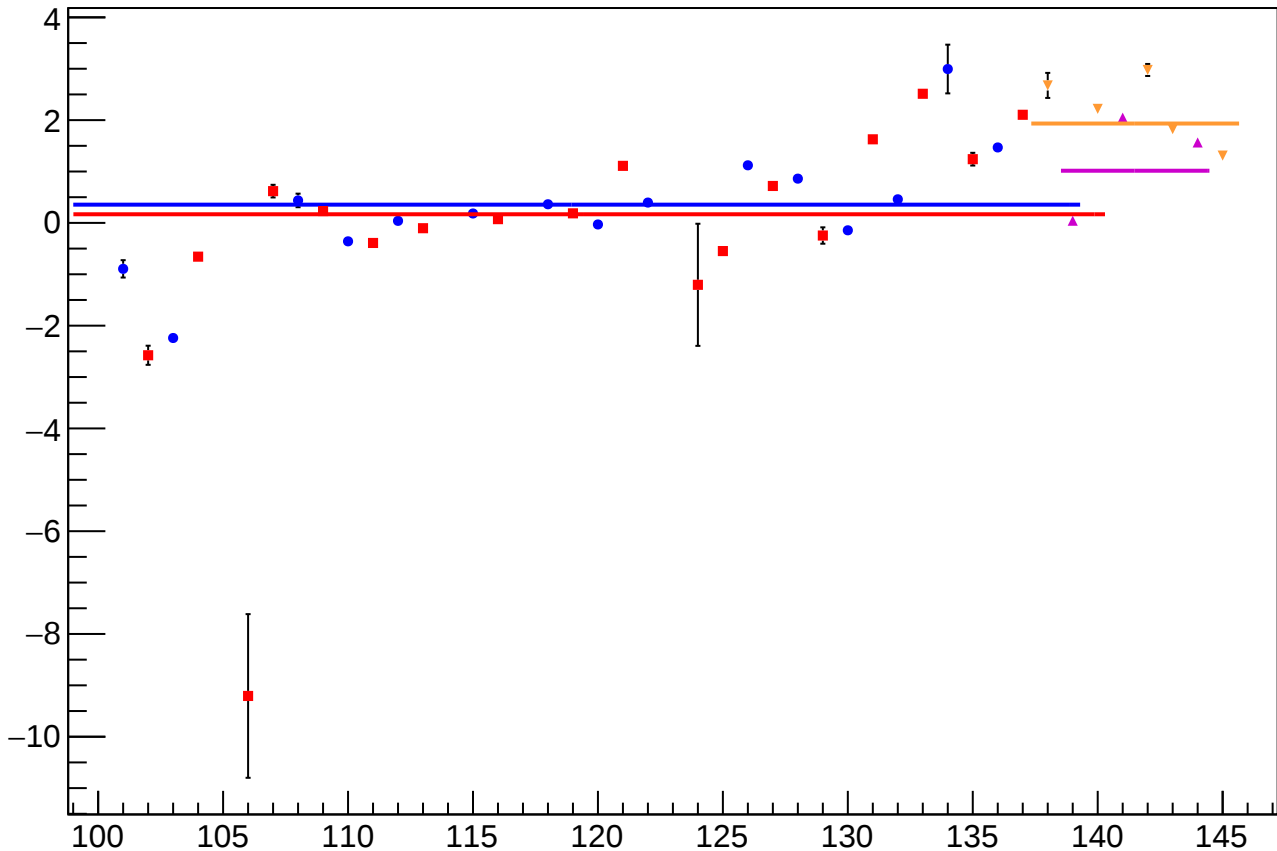
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 138.293 $\pm$ 0.116 χ^2/NDF :8292.5/4
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 129.202 $\pm$ 0.100 χ^2/NDF :4288.4/2

Left: 133.042 $\pm$ 0.076 χ^2/NDF : 16105.5/7
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 145.747 $\pm$ 0.066 χ^2/NDF :212693.9/17
 Out: 153.251 $\pm$ 0.073 χ^2/NDF :191590.5/22
 All: 149.136 $\pm$ 0.049 χ^2/NDF : 410113.9/40

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.934 ± 0.028 χ^2/NDF : 244.0/4

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.015 ± 0.019 χ^2/NDF : 2016.1/2

Left: 1.311 ± 0.016 χ^2/NDF : 2981.5/7

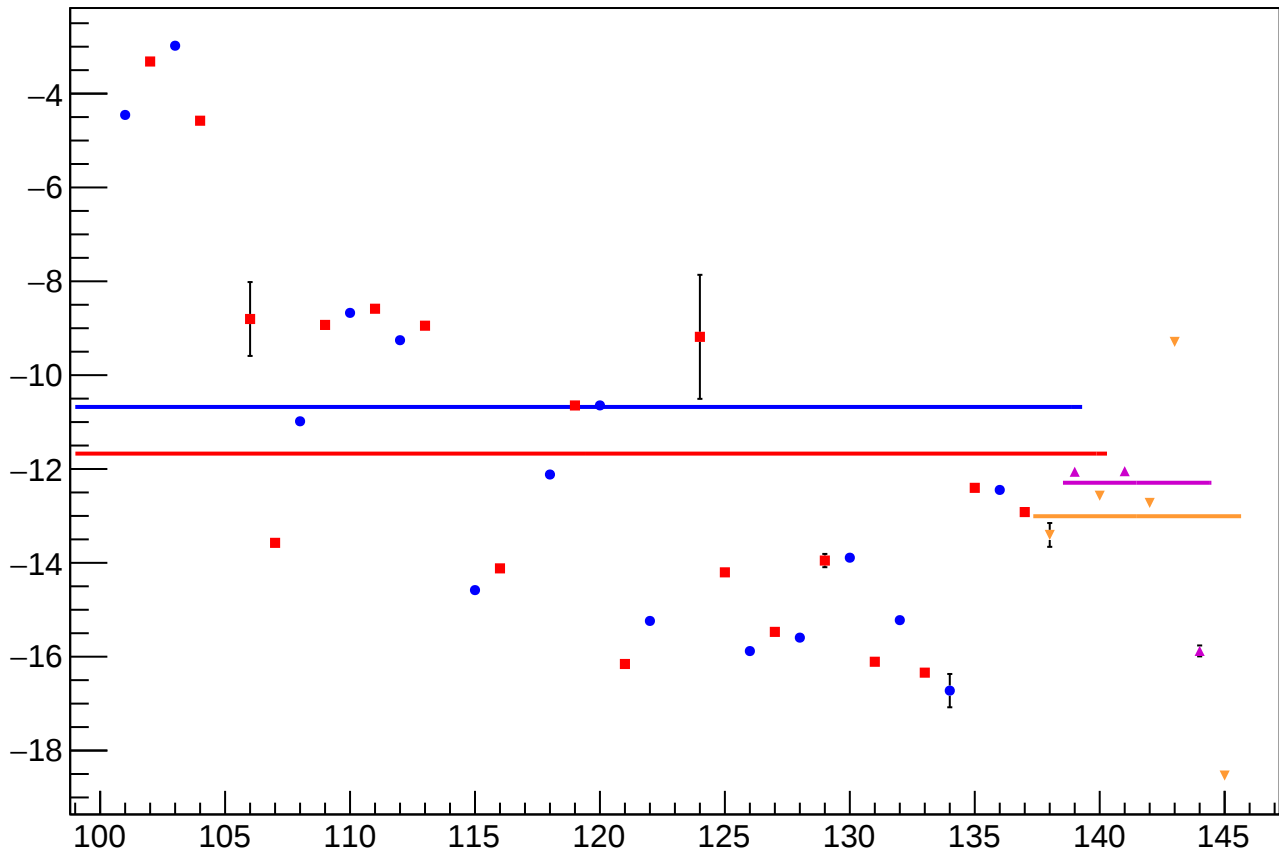
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.532 ± 0.010 χ^2/NDF : 6874.9/17

Out: 0.289 ± 0.007 χ^2/NDF : 8492.9/22

All: 0.374 ± 0.006 χ^2/NDF : 15749.0/40

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -13.006 ± 0.023 $\chi^2/\text{NDF}: 21326.6/4$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -12.293 ± 0.029 $\chi^2/\text{NDF}: 1014.9/2$

Left: -12.732 ± 0.018 $\chi^2/\text{NDF}: 22703.5/7$

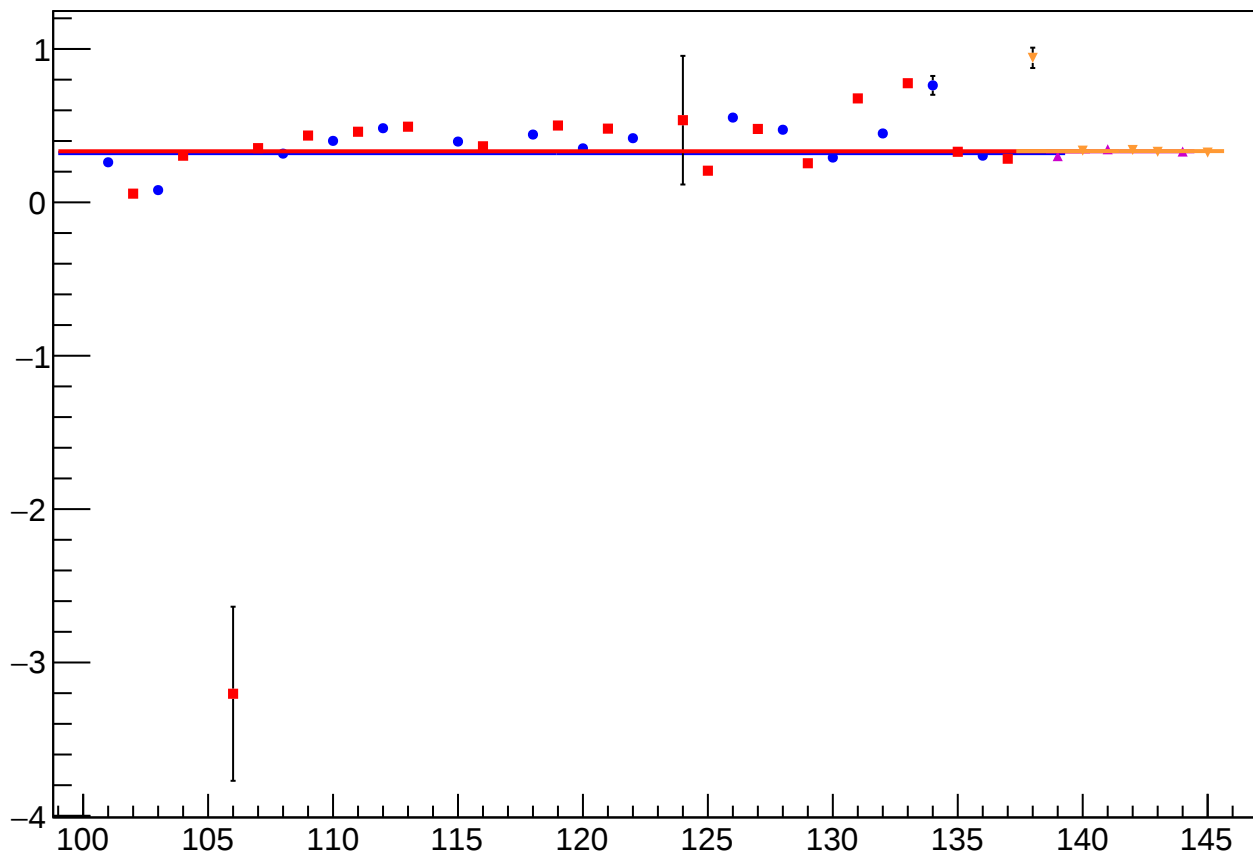
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.853 ± 0.010 $\chi^2/\text{NDF}: 230493.4/17$

Out: -11.940 ± 0.010 $\chi^2/\text{NDF}: 131807.2/22$

All: -11.358 ± 0.007 $\chi^2/\text{NDF}: 368127.7/40$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.334 $\pm$ 0.001 χ^2 /NDF:170.7/4

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.333 $\pm$ 0.001 χ^2 /NDF:261.8/2

Left: 0.334 $\pm$ 0.000 χ^2 /NDF: 434.5/7

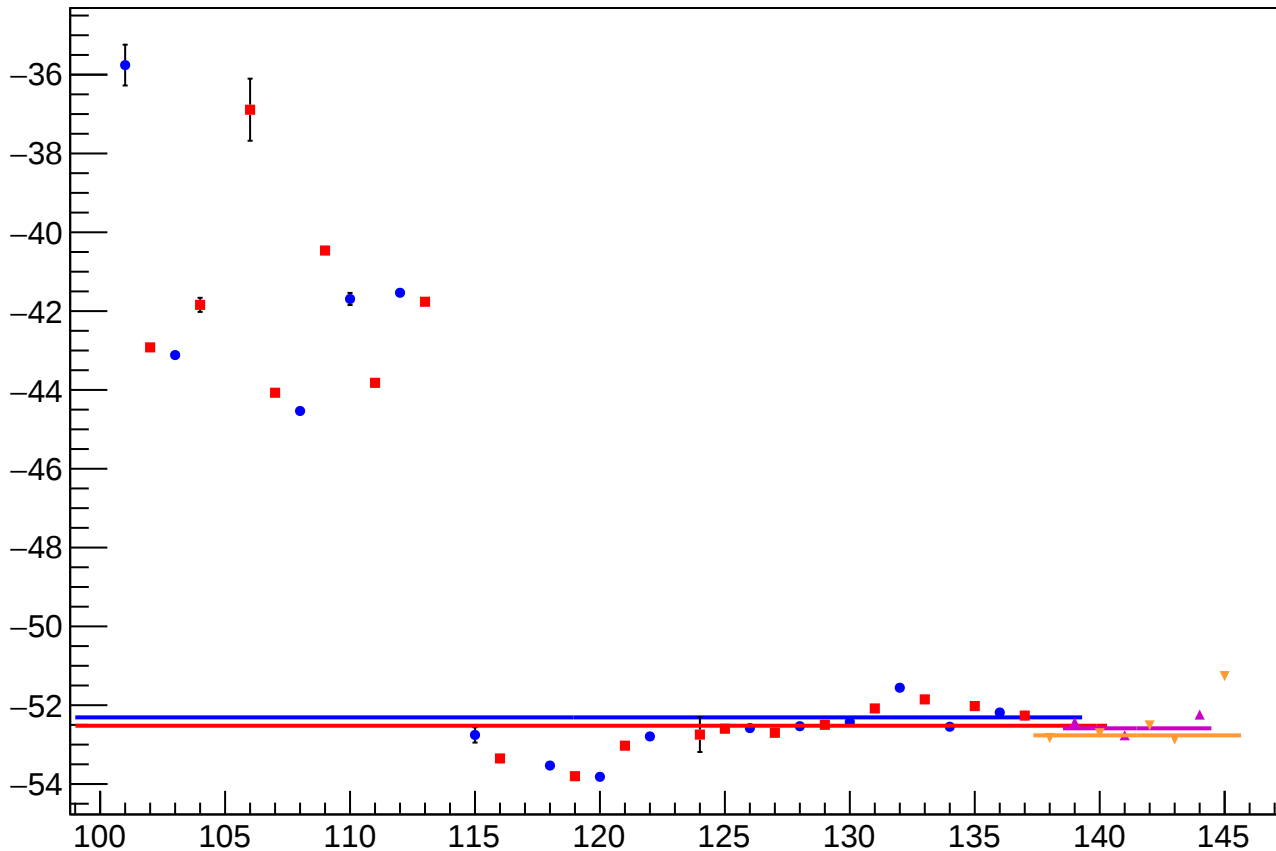
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:4375.2/17

Out: 0.334 $\pm$ 0.001 χ^2 /NDF:4341.3/22

All: 0.331 $\pm$ 0.000 χ^2 /NDF: 8766.7/40

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -52.765 ± 0.006 χ^2/NDF : 1953.0/4

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -52.586 ± 0.006 χ^2/NDF : 1017.5/2

Left: -52.688 ± 0.004 χ^2/NDF : 3420.7/7

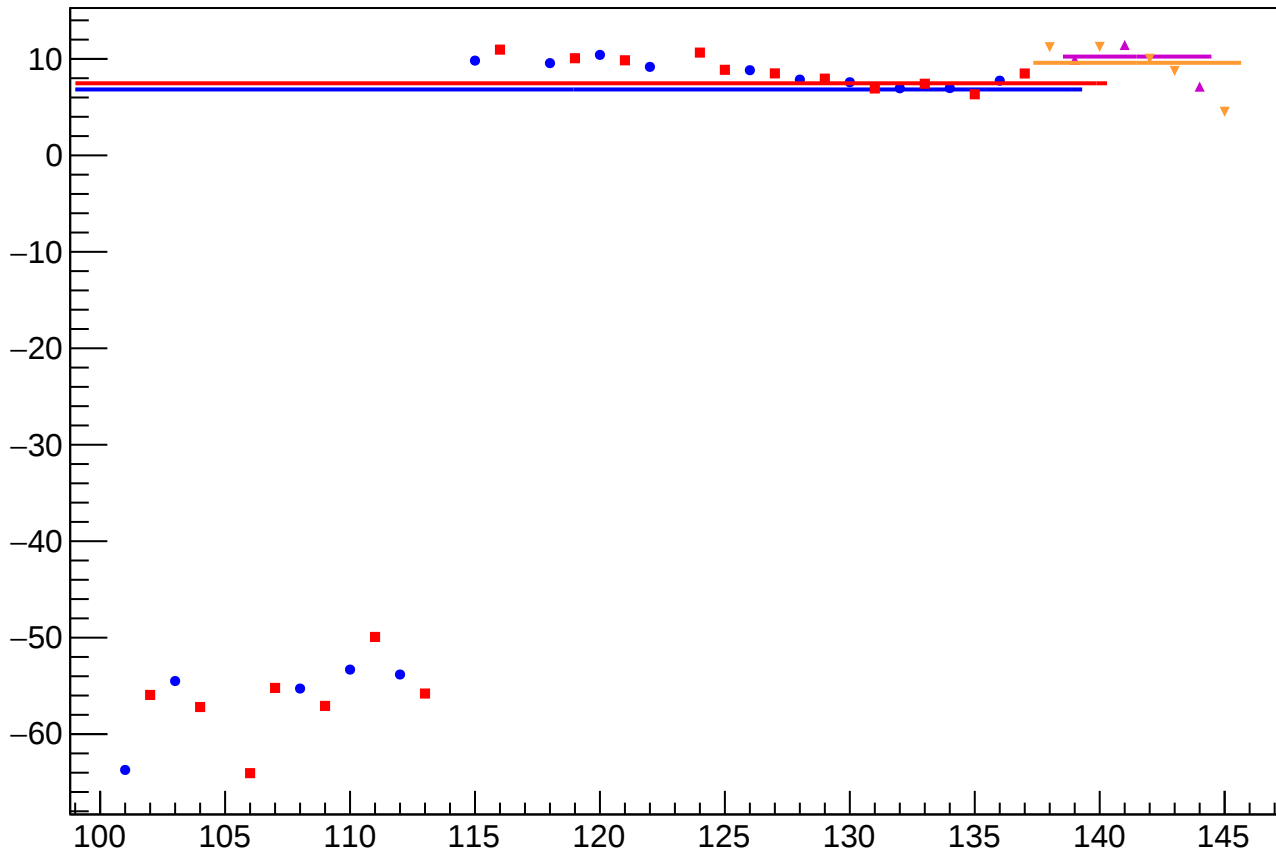
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -52.399 ± 0.004 χ^2/NDF : 55755.3/17

Out: -52.621 ± 0.004 χ^2/NDF : 79724.0/22

All: -52.513 ± 0.003 χ^2/NDF : 137398.9/40

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 9.597 $\pm$ 0.012 χ^2 /NDF:28199.4/4

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 10.242 $\pm$ 0.018 χ^2 /NDF:2942.7/2

Left: 9.804 $\pm$ 0.010 χ^2 /NDF: 32001.0/7

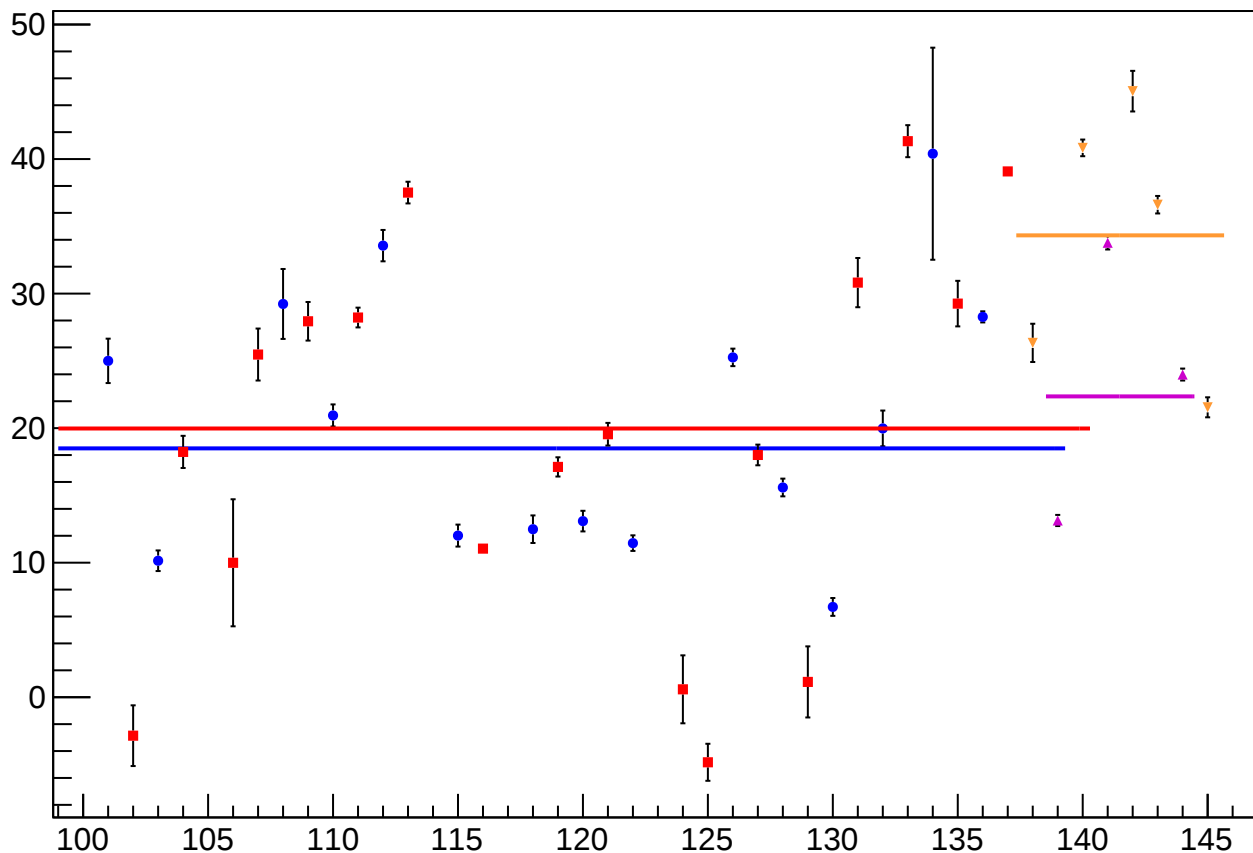
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.080 $\pm$ 0.005 χ^2 /NDF:1026314.1/17

Out: 8.232 $\pm$ 0.007 χ^2 /NDF:1242334.7/22

All: 7.426 $\pm$ 0.004 χ^2 /NDF: 2285371.1/40

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 34.329 $\pm$ 0.360 χ^2 /NDF:499.8/4

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 22.359 $\pm$ 0.259 χ^2 /NDF:1028.8/2

Left: 26.446 $\pm$ 0.210 χ^2 /NDF: 2256.2/7

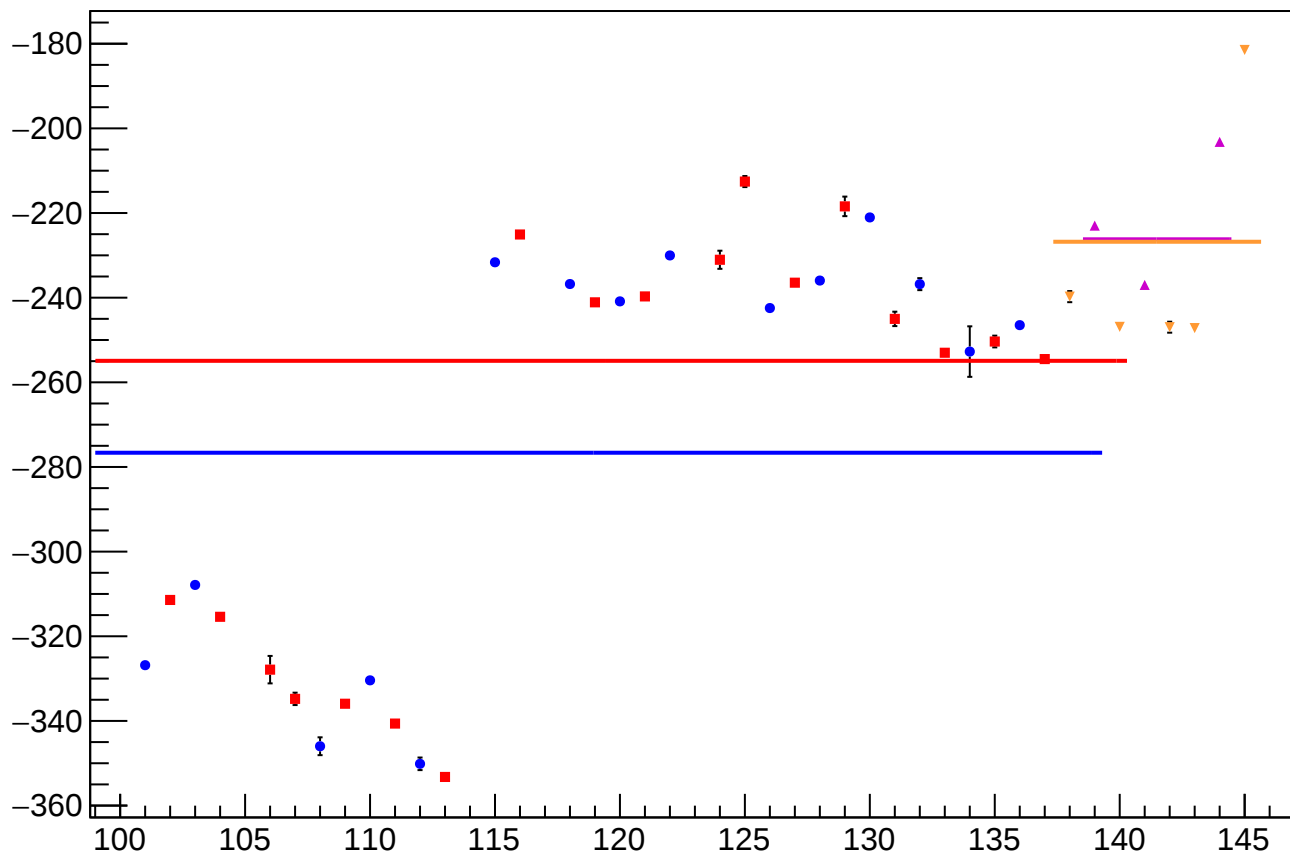
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 19.938 $\pm$ 0.158 χ^2 /NDF:2804.7/17

Out: 21.633 $\pm$ 0.122 χ^2 /NDF:11106.5/22

All: 20.999 $\pm$ 0.097 χ^2 /NDF: 13982.9/40

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -226.789 $\pm$ 0.297 χ^2 /NDF:10182.2/4

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -226.209 $\pm$ 0.256 χ^2 /NDF:1679.7/2

Left: -226.456 $\pm$ 0.194 χ^2 /NDF: 11864.0/7

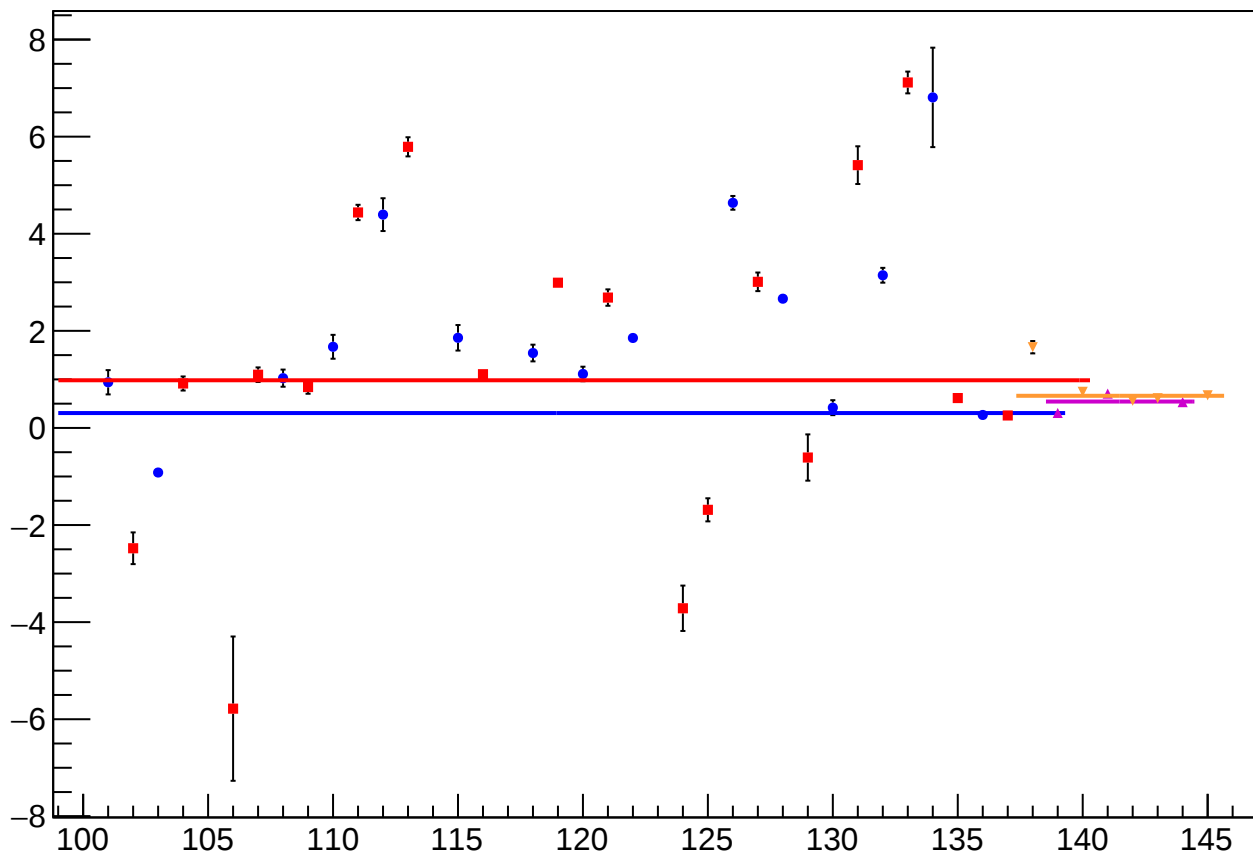
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -264.039 $\pm$ 0.128 χ^2 /NDF:107980.6/17

Out: -253.387 $\pm$ 0.069 χ^2 /NDF:90632.5/22

All: -255.806 $\pm$ 0.061 χ^2 /NDF: 203982.8/40

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.662 ± 0.005 $\chi^2/\text{NDF}: 223.4/4$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.544 ± 0.004 $\chi^2/\text{NDF}: 1589.4/2$

Left: 0.589 ± 0.003 $\chi^2/\text{NDF}: 2123.4/7$

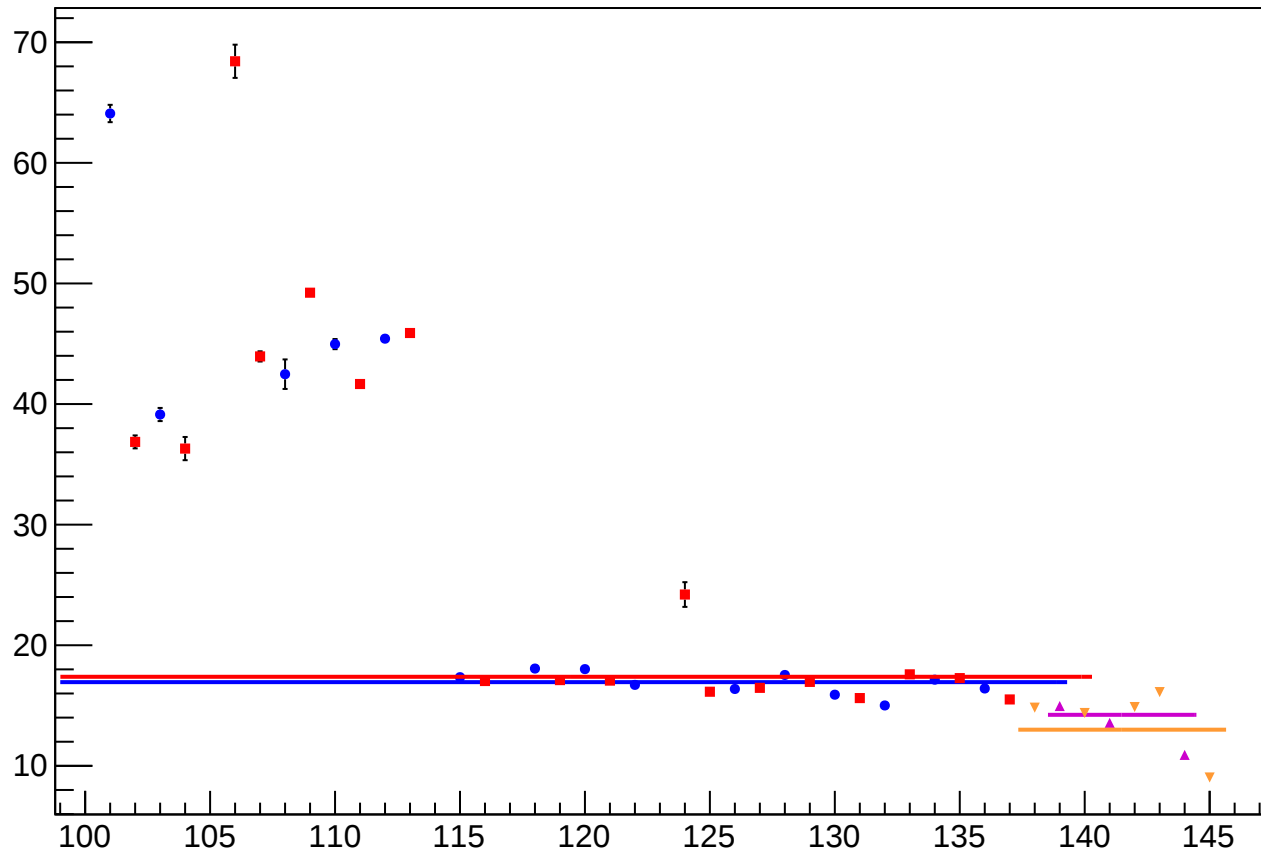
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.477 ± 0.004 $\chi^2/\text{NDF}: 5292.7/17$

Out: 0.699 ± 0.005 $\chi^2/\text{NDF}: 4017.5/22$

All: 0.551 ± 0.003 $\chi^2/\text{NDF}: 10635.3/40$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 12.999 ± 0.016 χ^2/NDF : 37662.8/4

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 14.231 ± 0.025 χ^2/NDF : 2000.5/2

Left: 13.342 ± 0.013 χ^2/NDF : 41378.5/7

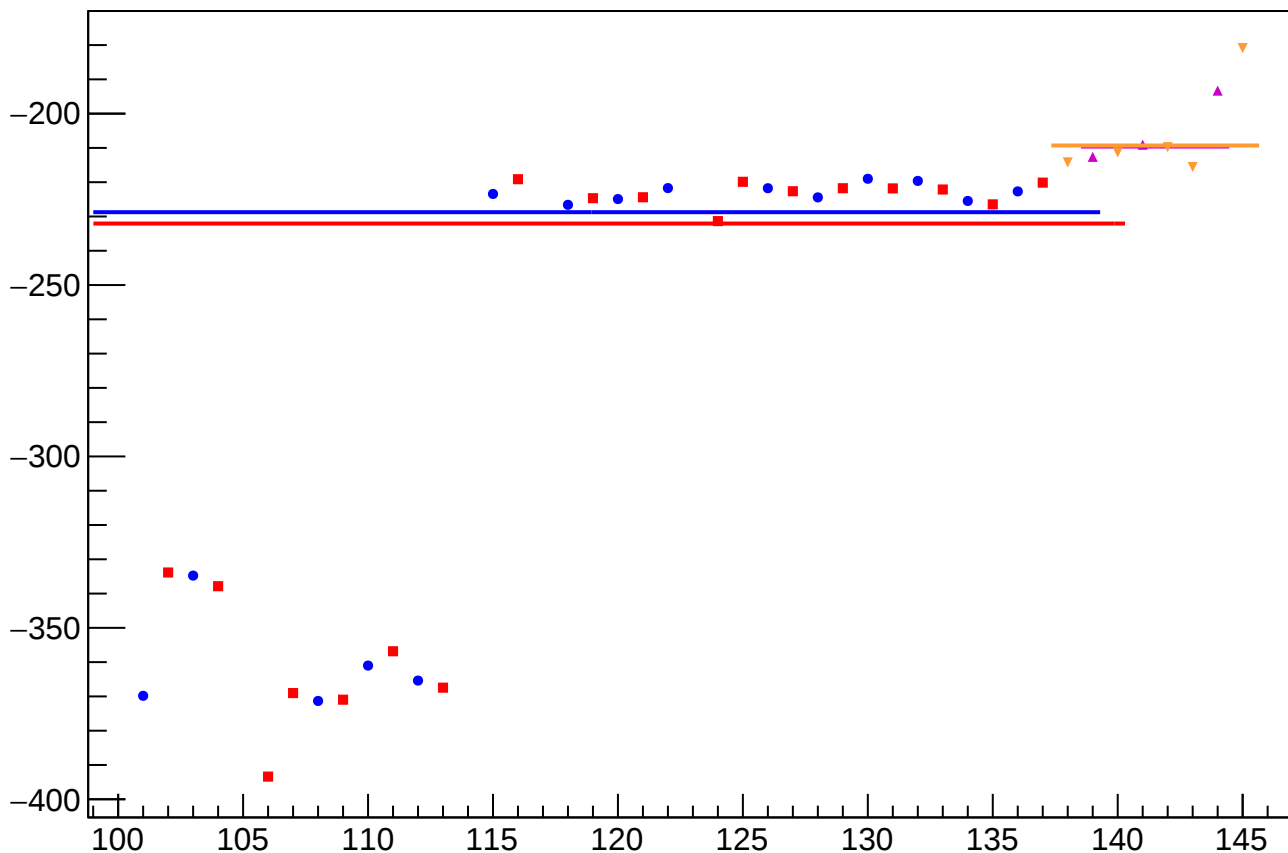
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 16.383 ± 0.011 χ^2/NDF : 40148.7/17

Out: 14.944 ± 0.012 χ^2/NDF : 133400.7/22

All: 15.679 ± 0.008 χ^2/NDF : 181255.6/40

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -209.292+/-0.038 χ^2/NDF : 64884.5/4

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -209.610+/-0.044 χ^2/NDF : 3185.7/2

Left: -209.425+/-0.029 χ^2/NDF : 68100.2/7

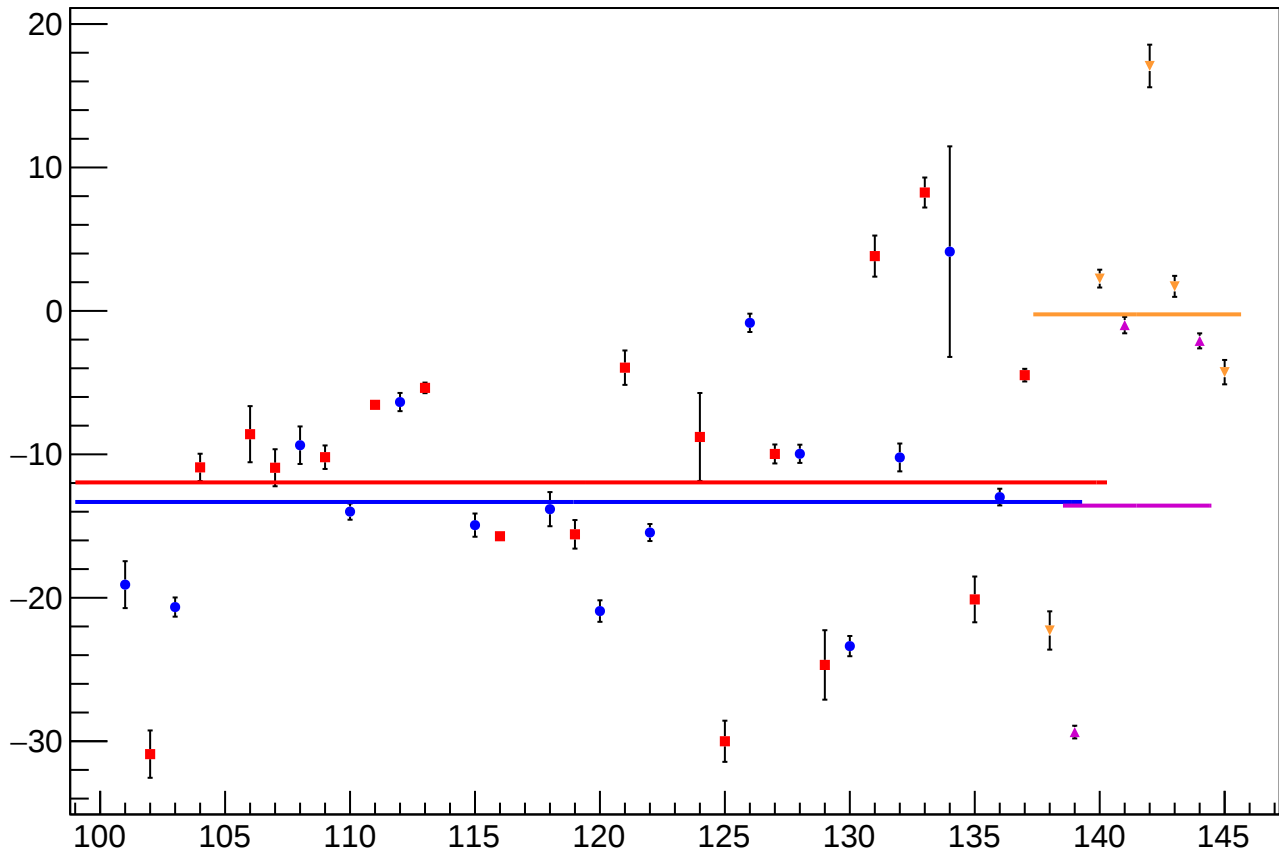
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -221.472+/-0.027 χ^2/NDF : 776521.8/17

Out: -219.597+/-0.028 χ^2/NDF : 1022713.6/22

All: -220.551+/-0.019 χ^2/NDF : 1801552.1/40

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -0.241 ± 0.382 χ^2/NDF : 454.1/4

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -13.575 ± 0.291 χ^2/NDF : 2230.3/2

Left: -8.670 ± 0.232 χ^2/NDF : 3454.4/7

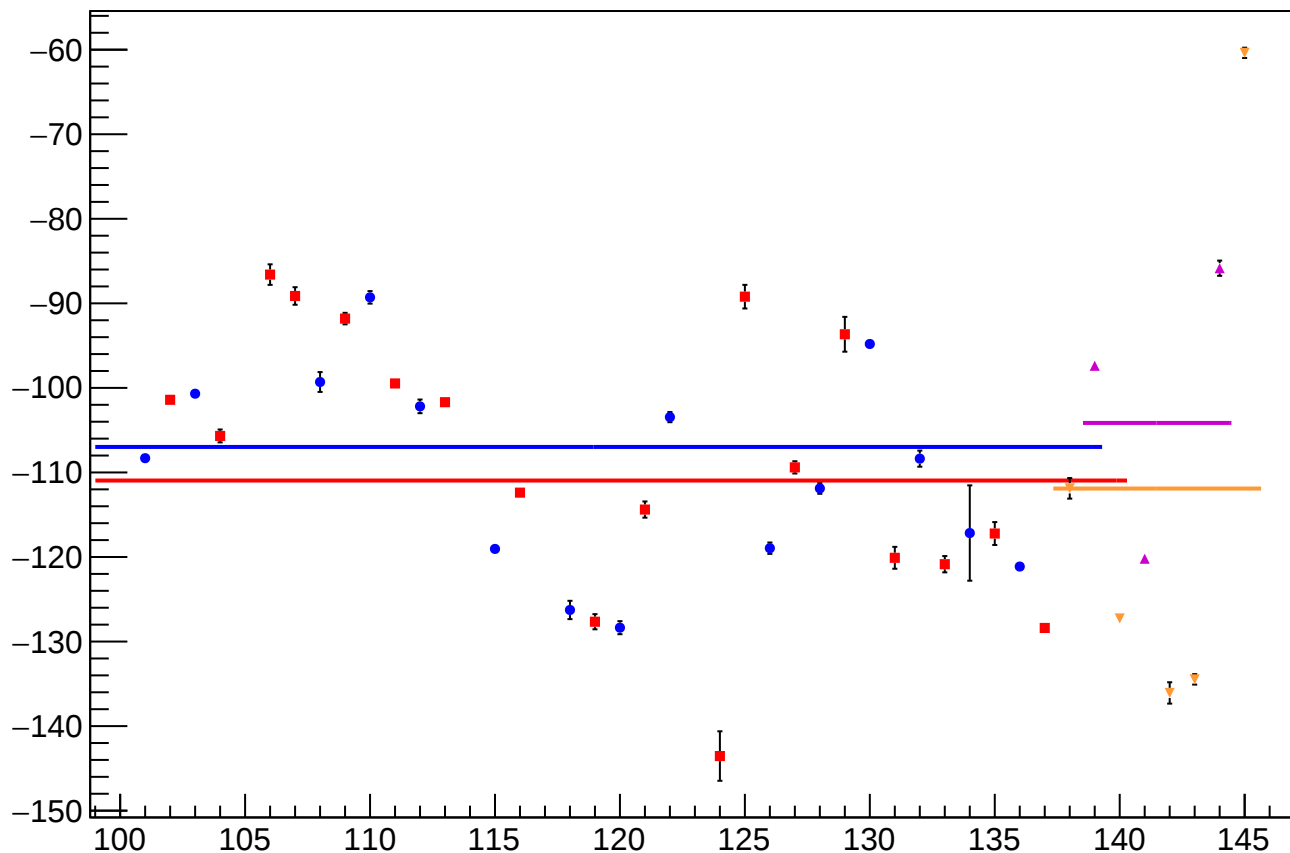
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.399 ± 0.161 χ^2/NDF : 3243.8/17

Out: -11.020 ± 0.108 χ^2/NDF : 3806.4/22

All: -11.756 ± 0.090 χ^2/NDF : 7200.3/40

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -111.901 ± 0.304 $\chi^2/\text{NDF}: 9865.0/4$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -104.143 ± 0.268 $\chi^2/\text{NDF}: 1997.2/2$

Left: -107.544 ± 0.201 $\chi^2/\text{NDF}: 12228.5/7$

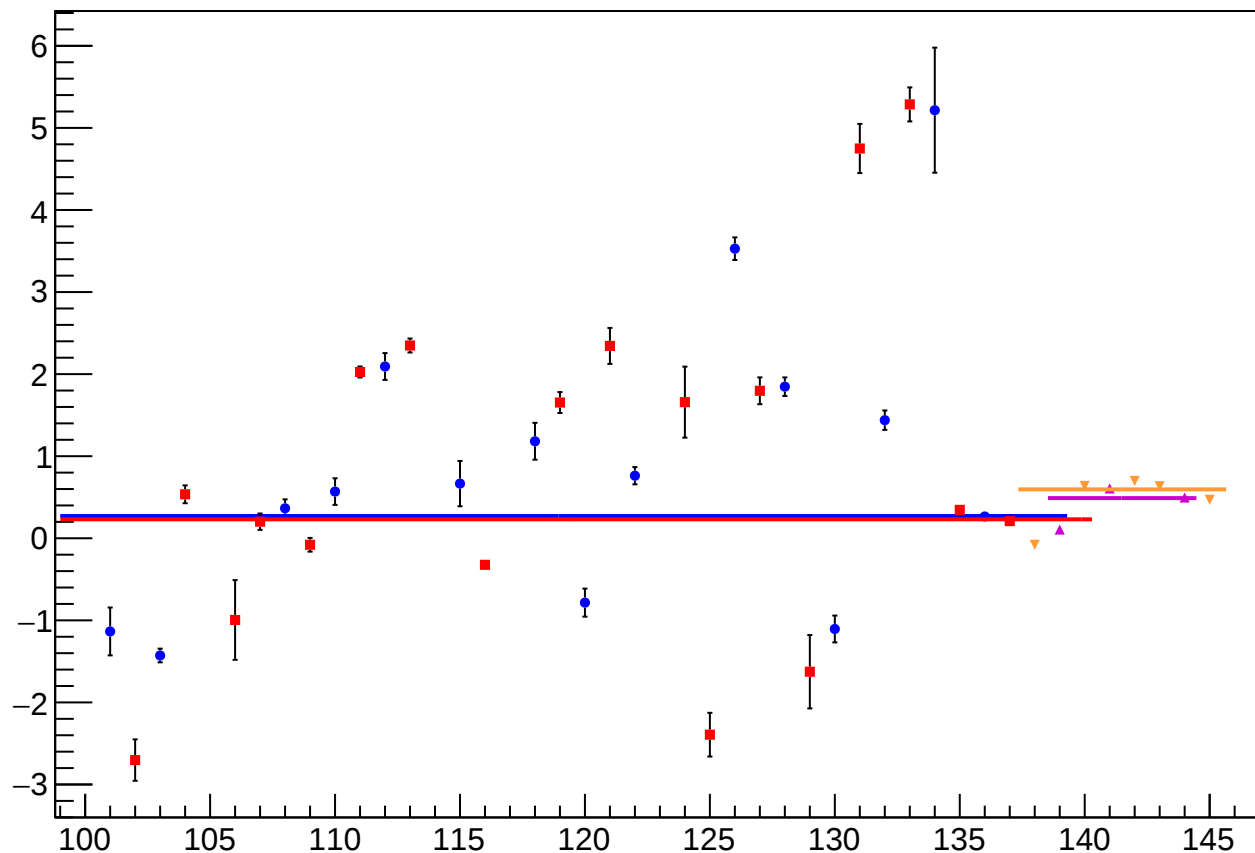
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -106.574 ± 0.102 $\chi^2/\text{NDF}: 6751.3/17$

Out: -110.980 ± 0.050 $\chi^2/\text{NDF}: 20549.4/22$

All: -110.137 ± 0.045 $\chi^2/\text{NDF}: 28815.4/40$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.596+/-0.006 χ^2/NDF :896.5/4

Right Out: 0.231+/-0.004 χ^2/NDF : 2907.8/17

Left In: 0.489+/-0.004 χ^2/NDF :2396.5/2

Left: 0.518+/-0.003 χ^2/NDF : 3518.3/7

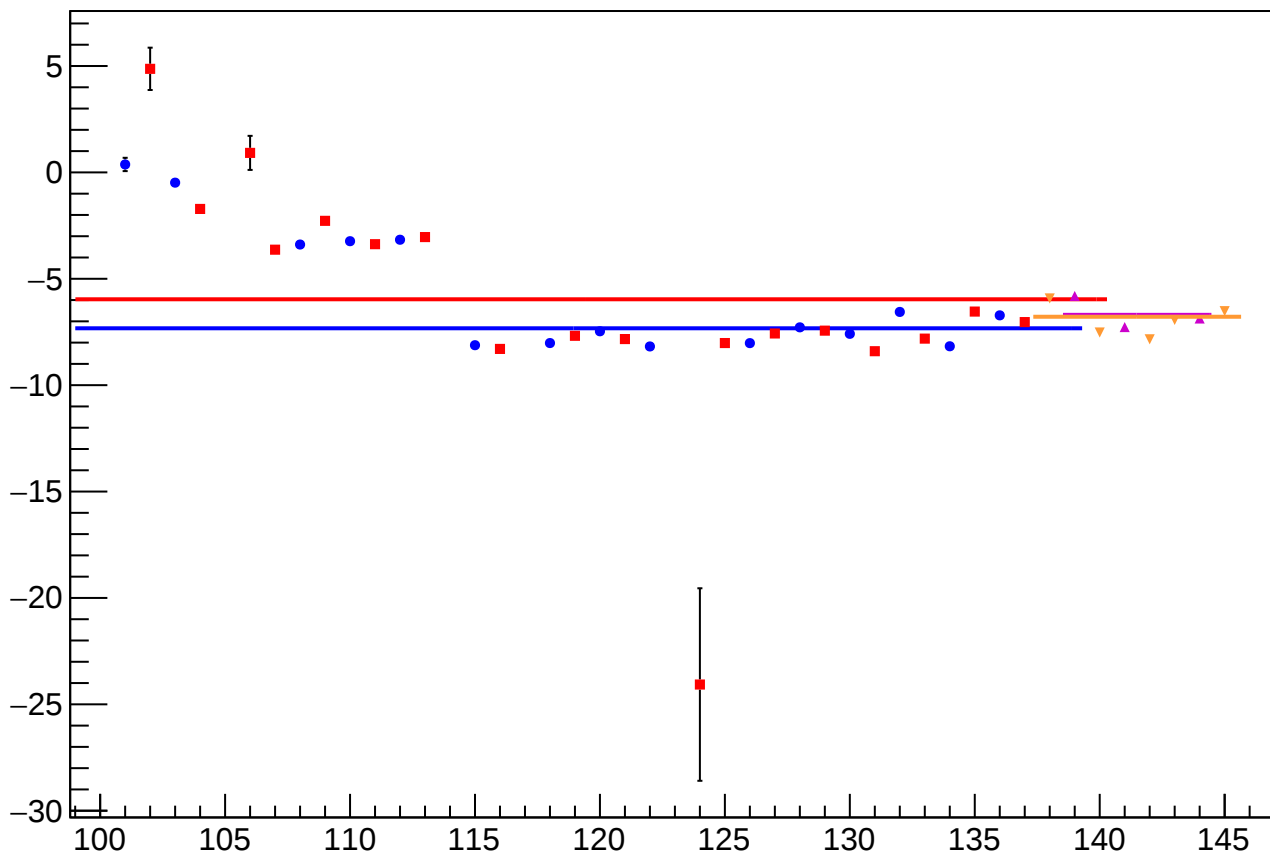
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.419+/-0.003 χ^2/NDF :5146.9/17

Out: 0.357+/-0.004 χ^2/NDF :6164.1/22

All: 0.393+/-0.002 χ^2/NDF : 11487.2/40

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14

Left Out: -6.784 ± 0.013 χ^2/NDF : 1414.0/4

Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17

Left In: -6.695 ± 0.010 χ^2/NDF : 2685.1/2

Left: -6.729 ± 0.008 χ^2/NDF : 4130.8/7

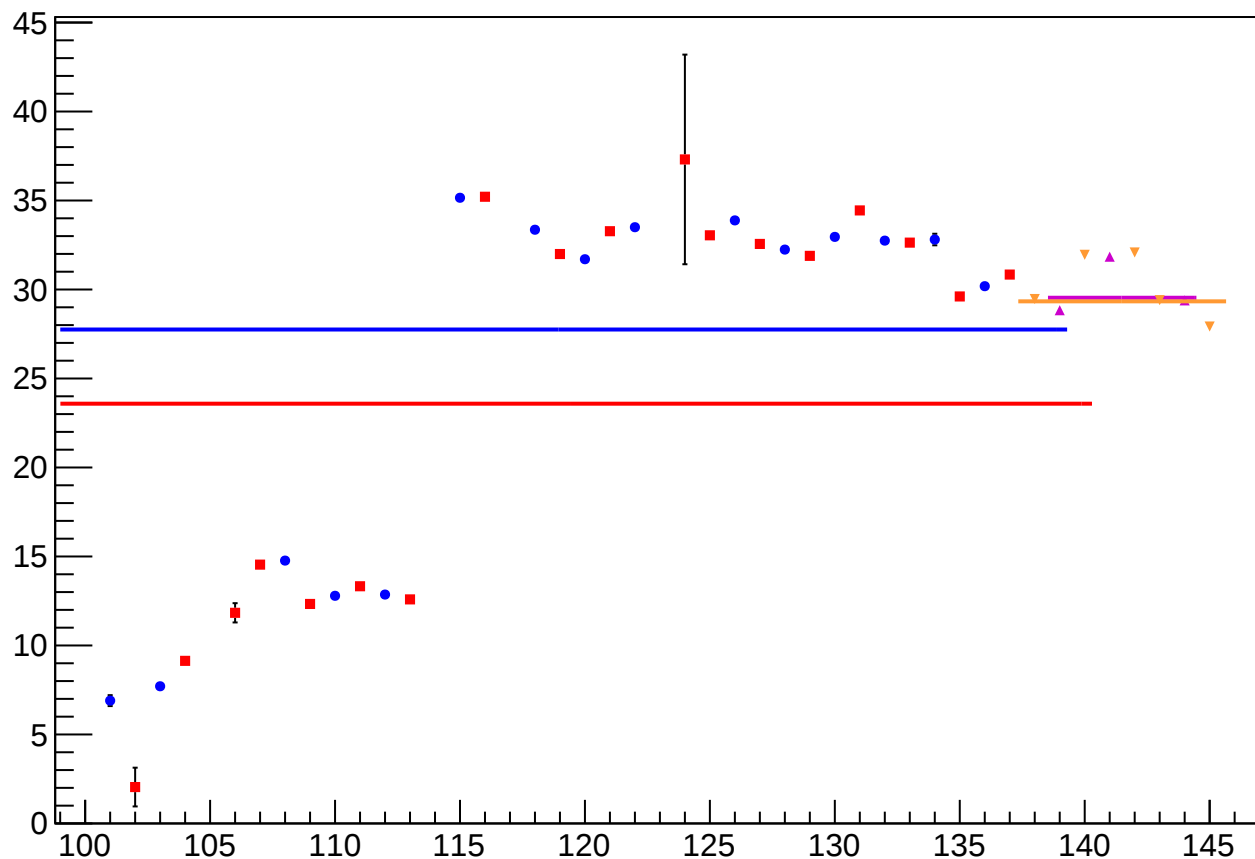
Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32

In: -7.059 ± 0.006 χ^2/NDF : 35583.8/17

Out: -6.234 ± 0.007 χ^2/NDF : 76102.5/22

All: -6.697 ± 0.005 χ^2/NDF : 119076.8/40

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752+/-0.015 χ^2/NDF : 332926.6/14

Left Out: 29.335+/-0.022 χ^2/NDF : 5576.1/4

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: 29.412+/-0.017 χ^2/NDF : 6922.2/7

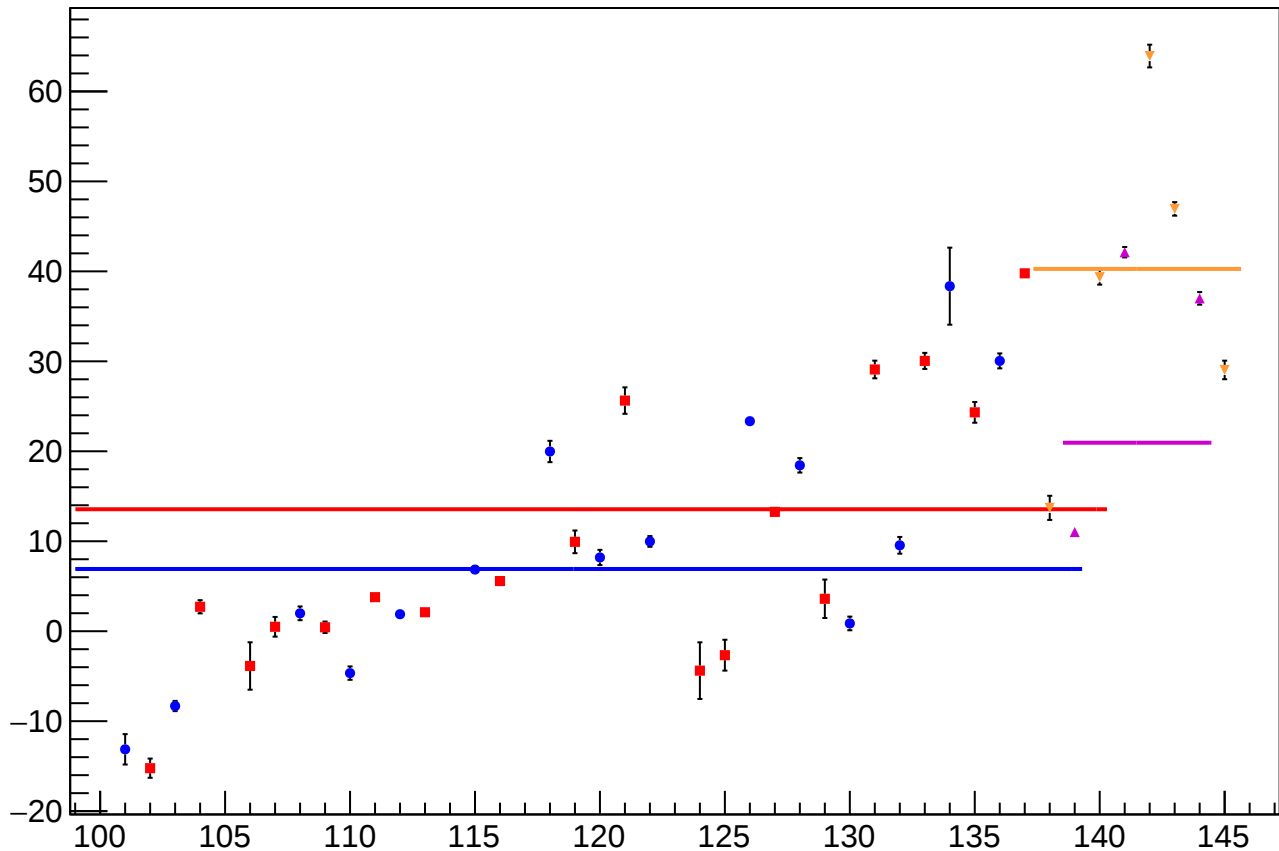
Right: 25.477+/-0.010 χ^2/NDF : 914478.1/32

In: 28.150+/-0.013 χ^2/NDF : 337382.1/17

Out: 25.191+/-0.012 χ^2/NDF : 594302.1/22

All: 26.480+/-0.009 χ^2/NDF : 959824.8/40

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 40.270 ± 0.433 $\chi^2/\text{NDF}: 940.6/4$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 20.952 ± 0.261 $\chi^2/\text{NDF}: 2807.2/2$

Left: 26.103 ± 0.224 $\chi^2/\text{NDF}: 5204.2/7$

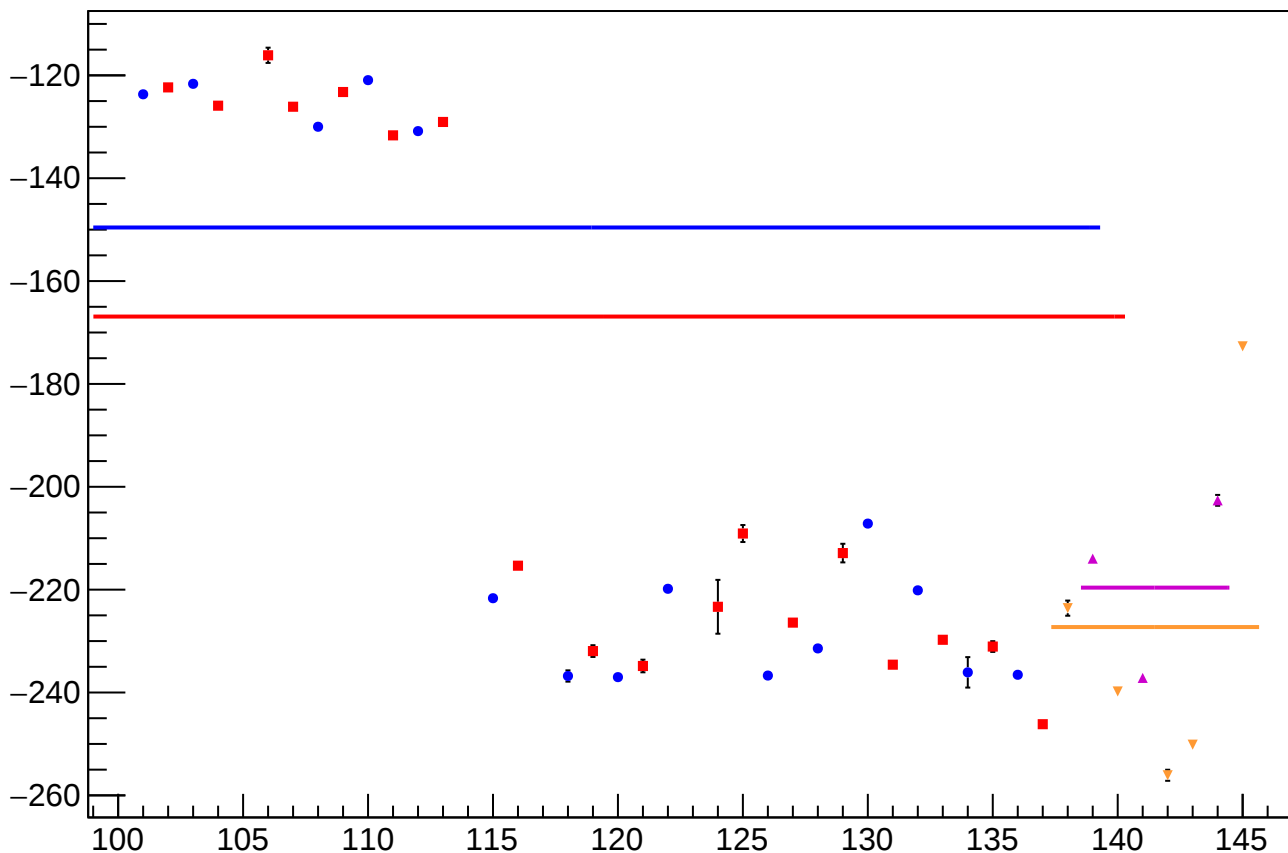
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 11.314 ± 0.146 $\chi^2/\text{NDF}: 8290.6/17$

Out: 16.247 ± 0.138 $\chi^2/\text{NDF}: 16012.8/22$

All: 13.932 ± 0.100 $\chi^2/\text{NDF}: 24906.8/40$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -227.273+/-0.355 χ^2/NDF : 8065.0/4

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: -221.940+/-0.196 χ^2/NDF : 10538.5/7

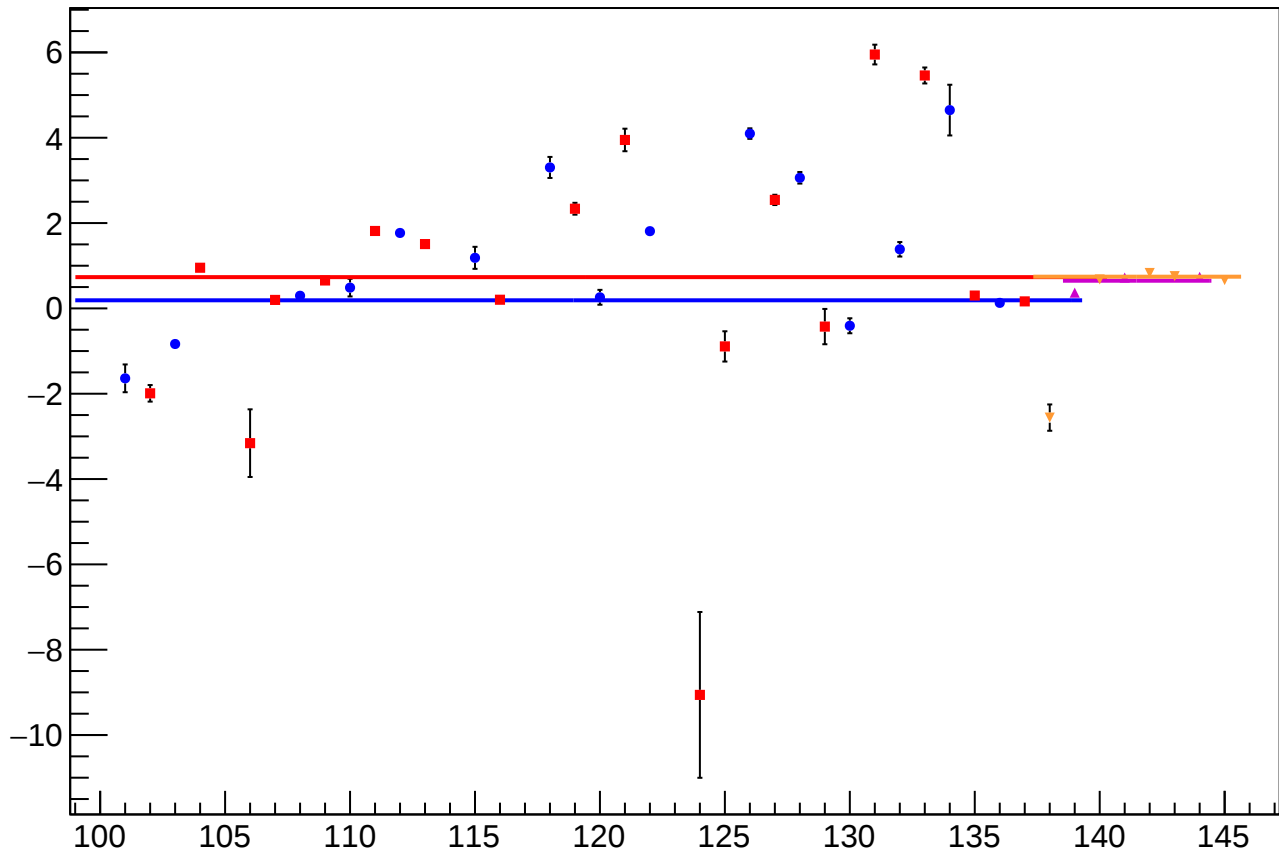
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -160.501+/-0.093 χ^2/NDF : 272396.6/17

Out: -171.391+/-0.097 χ^2/NDF : 330359.2/22

All: -165.710+/-0.067 χ^2/NDF : 609361.5/40

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.743 $\pm$ 0.008 χ^2 /NDF:162.3/4

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.648 $\pm$ 0.006 χ^2 /NDF:761.6/2

Left: 0.678 $\pm$ 0.005 χ^2 /NDF: 1014.2/7

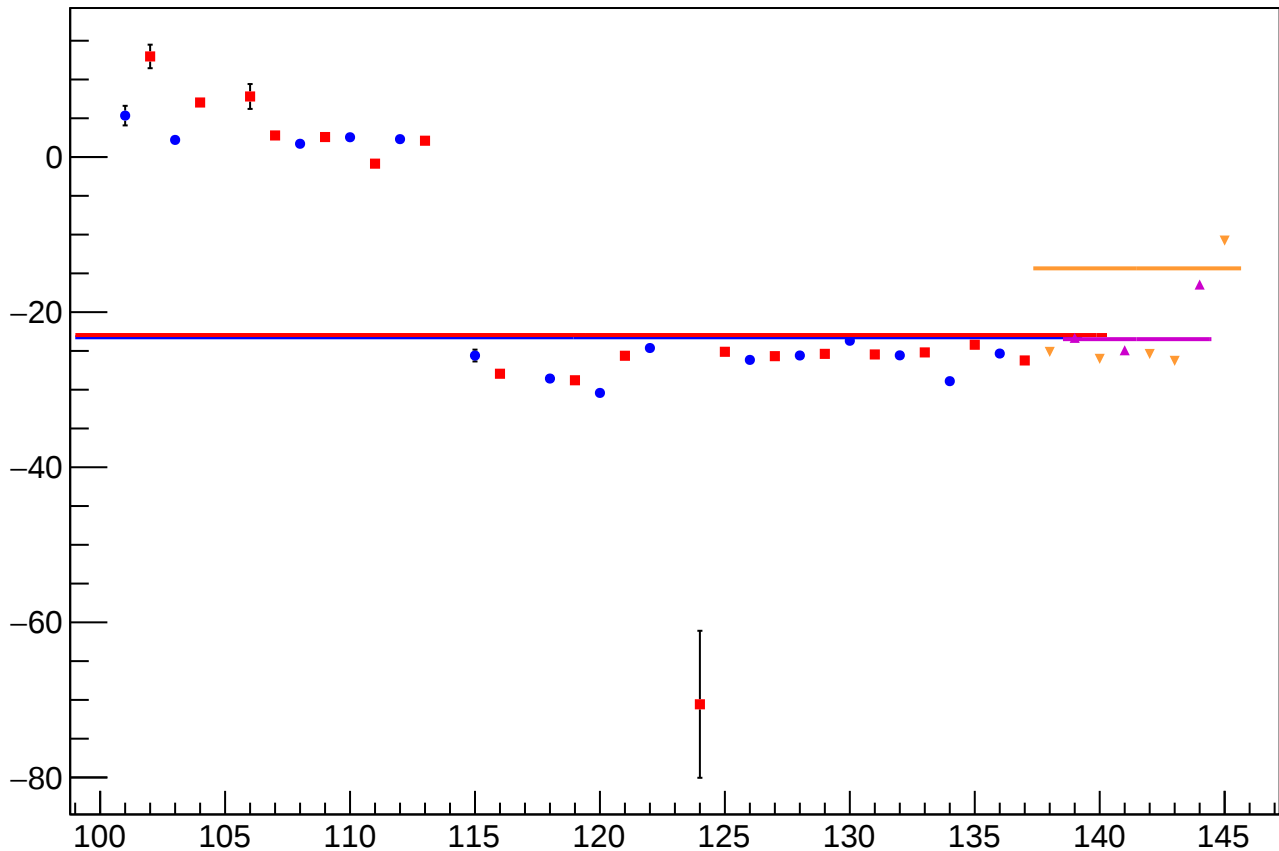
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.512 $\pm$ 0.005 χ^2 /NDF:5486.3/17

Out: 0.741 $\pm$ 0.008 χ^2 /NDF:2829.4/22

All: 0.576 $\pm$ 0.004 χ^2 /NDF: 8974.3/40

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -14.354 ± 0.023 $\chi^2/\text{NDF}: 79554.9/4$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -23.482 ± 0.059 $\chi^2/\text{NDF}: 1390.5/2$

Left: -15.535 ± 0.021 $\chi^2/\text{NDF}: 102040.1/7$

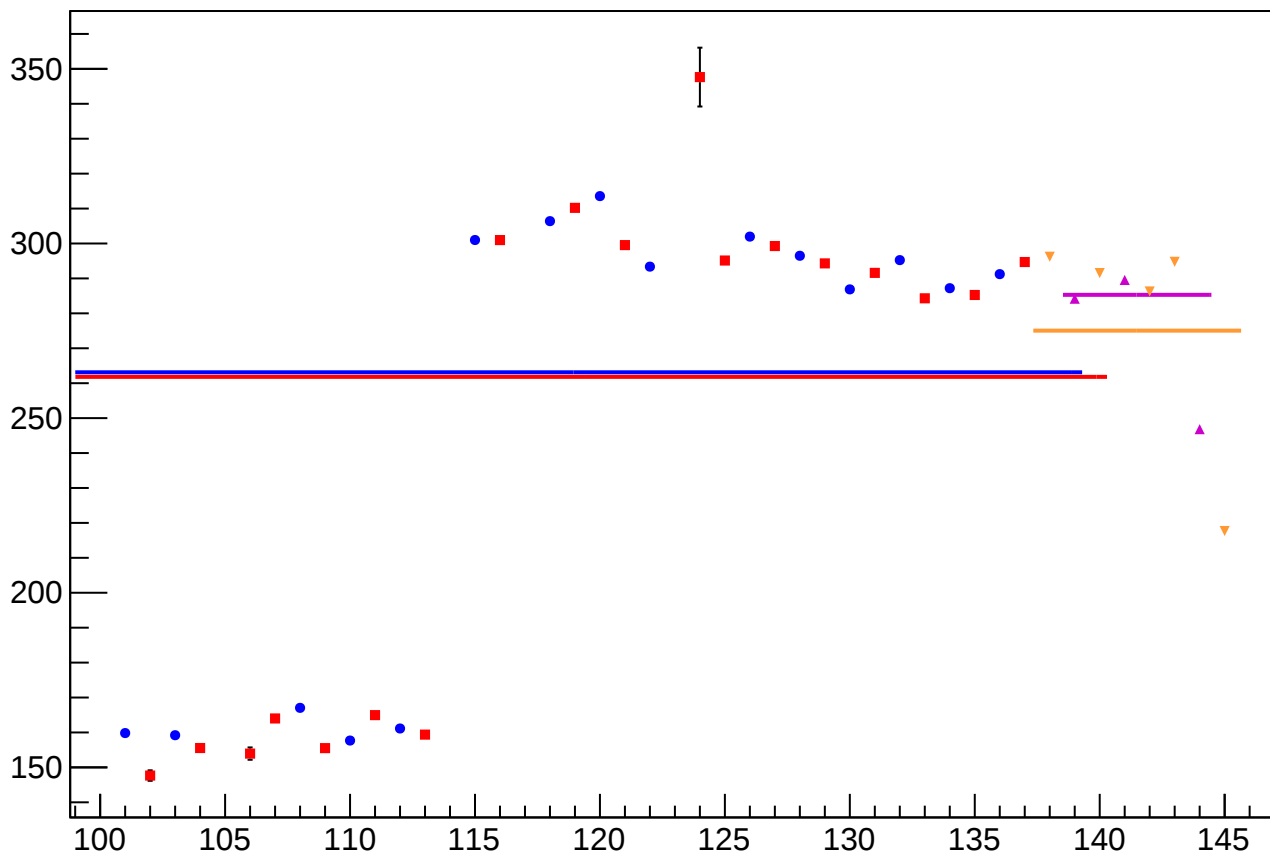
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -23.277 ± 0.023 $\chi^2/\text{NDF}: 104507.6/17$

Out: -18.275 ± 0.017 $\chi^2/\text{NDF}: 253532.5/22$

All: -20.017 ± 0.013 $\chi^2/\text{NDF}: 389383.0/40$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 275.049+/-0.078 χ^2/NDF :164802.8/4

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: 276.541+/-0.072 χ^2/NDF : 169132.5/7

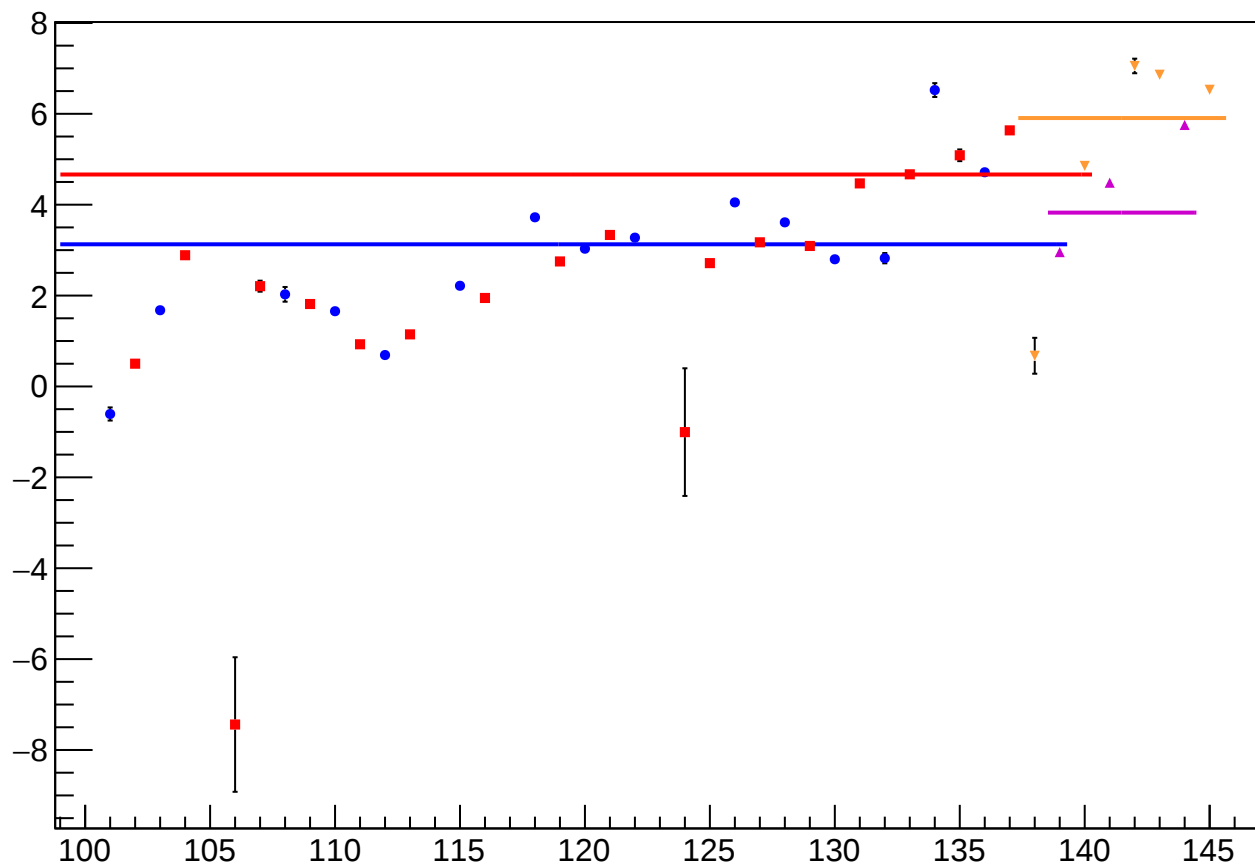
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 265.716+/-0.065 χ^2/NDF :706787.6/17

Out: 266.754+/-0.048 χ^2/NDF :1188889.8/22

All: 266.389+/-0.039 χ^2/NDF : 1895843.0/40

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.907 ± 0.051 $\chi^2/\text{NDF}: 518.3/4$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 3.825 ± 0.028 $\chi^2/\text{NDF}: 1300.5/2$

Left: 4.305 ± 0.025 $\chi^2/\text{NDF}: 3084.3/7$

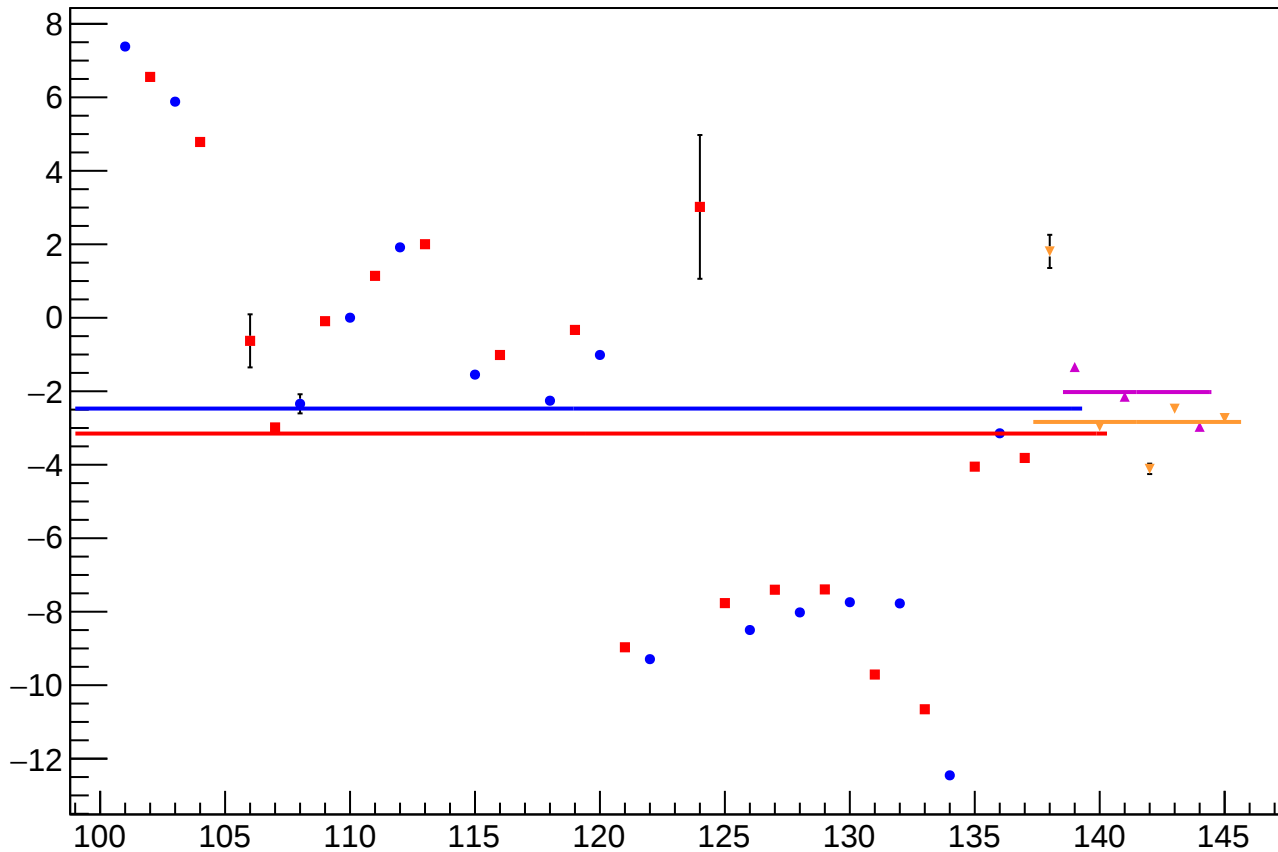
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.295 ± 0.014 $\chi^2/\text{NDF}: 7436.7/17$

Out: 4.683 ± 0.006 $\chi^2/\text{NDF}: 67958.0/22$

All: 4.442 ± 0.006 $\chi^2/\text{NDF}: 83821.6/40$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: -2.835 ± 0.042 $\chi^2/\text{NDF}: 209.7/4$

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: -2.284 ± 0.024 $\chi^2/\text{NDF}: 896.7/7$

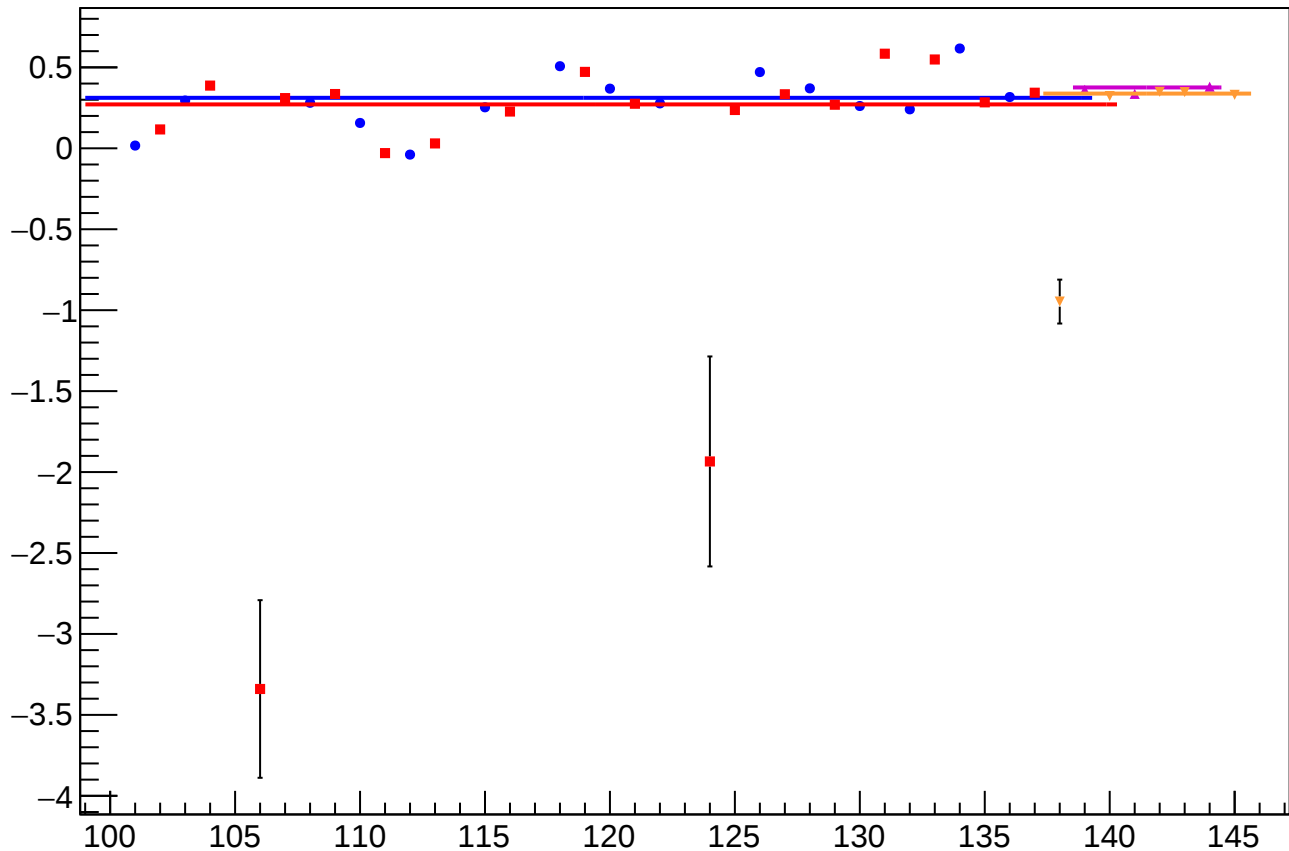
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.384 ± 0.013 $\chi^2/\text{NDF}: 243205.8/17$

Out: -3.141 ± 0.007 $\chi^2/\text{NDF}: 247692.9/22$

All: -2.952 ± 0.006 $\chi^2/\text{NDF}: 493575.0/40$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.338 ± 0.002 $\chi^2/\text{NDF}: 141.0/4$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.376 ± 0.001 $\chi^2/\text{NDF}: 72.7/2$

Left: 0.358 ± 0.001 $\chi^2/\text{NDF}: 535.0/7$

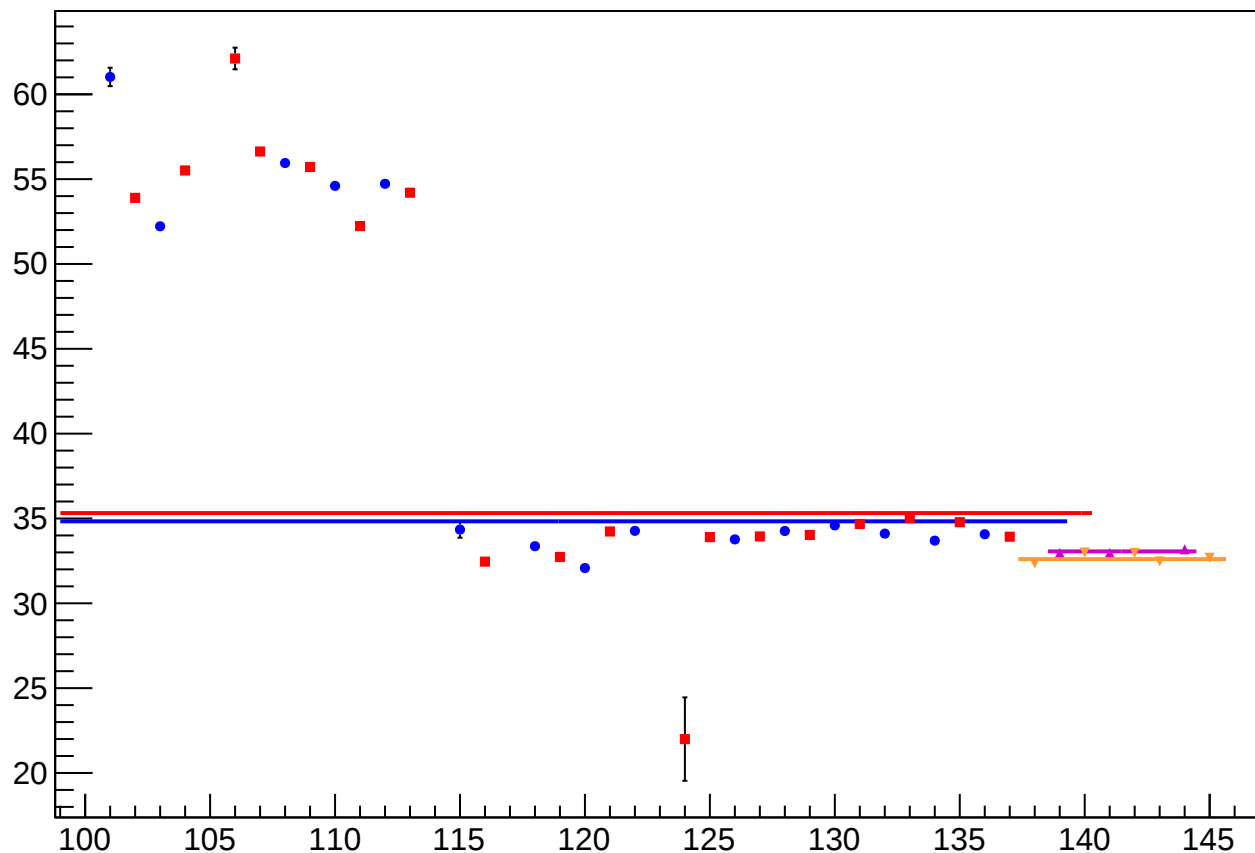
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2482.4/17$

Out: 0.315 ± 0.001 $\chi^2/\text{NDF}: 6940.9/22$

All: 0.331 ± 0.001 $\chi^2/\text{NDF}: 9676.8/40$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.604 $\pm$ 0.012 χ^2 /NDF:307.1/4

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 33.059 $\pm$ 0.016 χ^2 /NDF:44.8/2

Left: 32.770 $\pm$ 0.010 χ^2 /NDF: 863.9/7

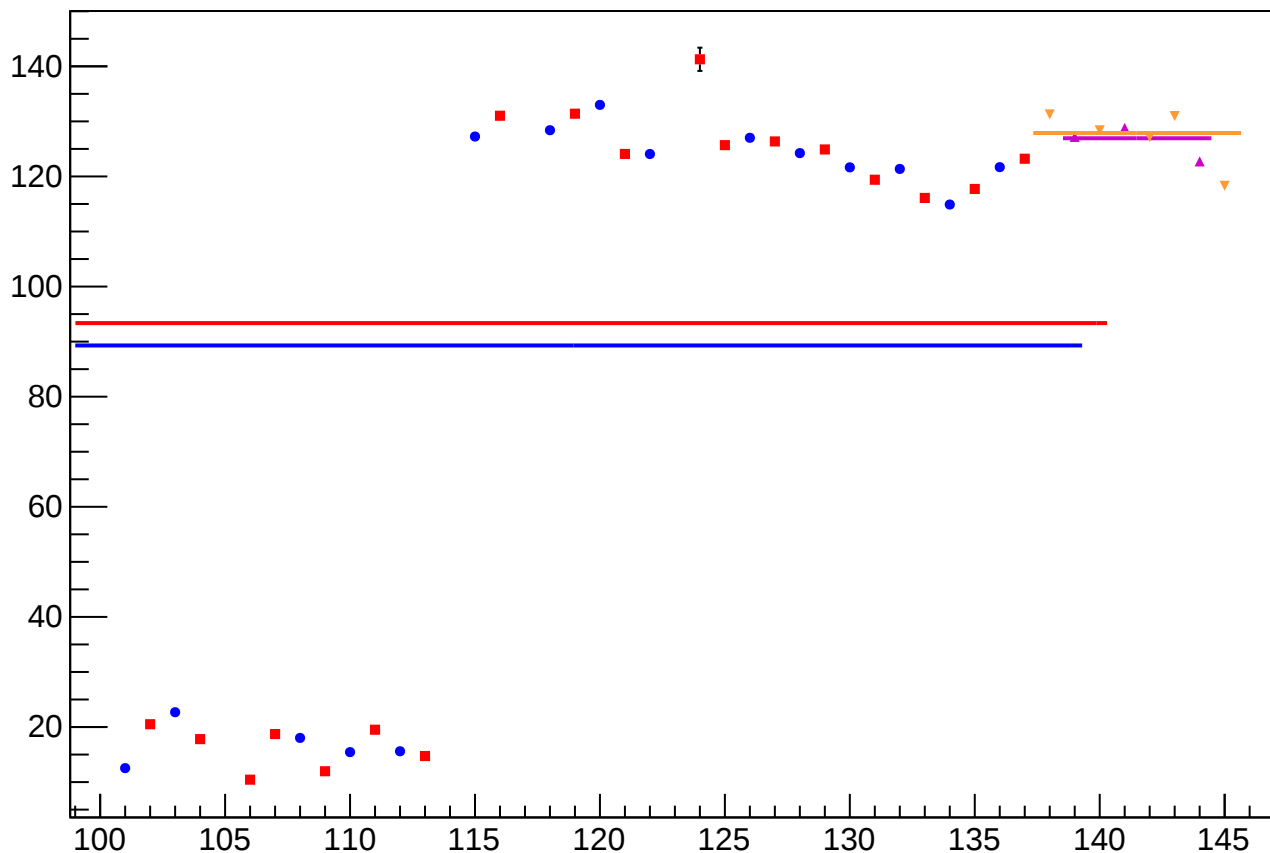
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 34.434 $\pm$ 0.008 χ^2 /NDF:255112.9/17

Out: 34.231 $\pm$ 0.008 χ^2 /NDF:291615.9/22

All: 34.334 $\pm$ 0.005 χ^2 /NDF: 547078.7/40

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 127.891 ± 0.036 $\chi^2/\text{NDF}: 13504.4/4$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 126.934 ± 0.060 $\chi^2/\text{NDF}: 1399.1/2$

Left: 127.640 ± 0.031 $\chi^2/\text{NDF}: 15089.1/7$

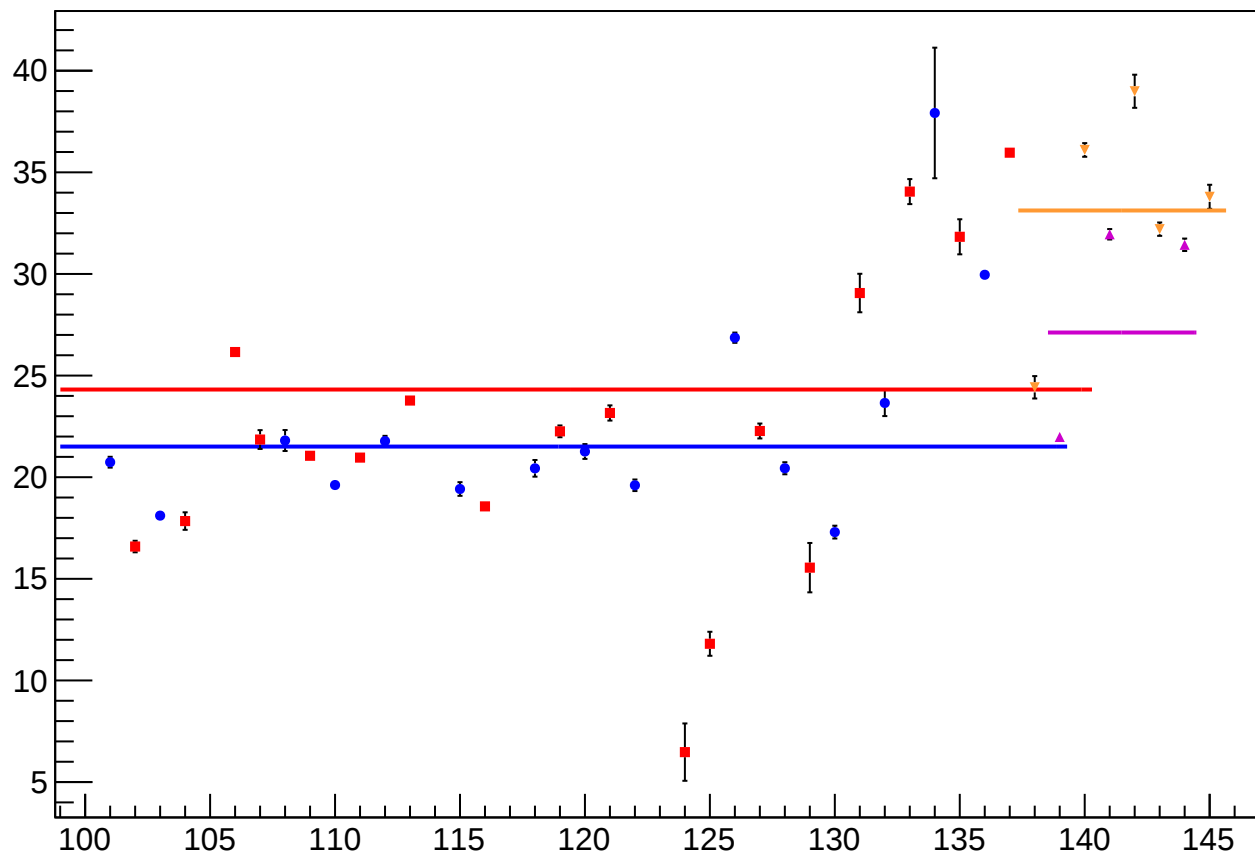
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 95.754 ± 0.025 $\chi^2/\text{NDF}: 3358401.6/17$

Out: 107.499 ± 0.023 $\chi^2/\text{NDF}: 3410220.2/22$

All: 102.107 ± 0.017 $\chi^2/\text{NDF}: 6888236.5/40$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 33.123 $\pm$ 0.197 χ^2 /NDF:388.6/4

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 27.119 $\pm$ 0.143 χ^2 /NDF:1165.4/2

Left: 29.186 $\pm$ 0.116 χ^2 /NDF: 2162.4/7

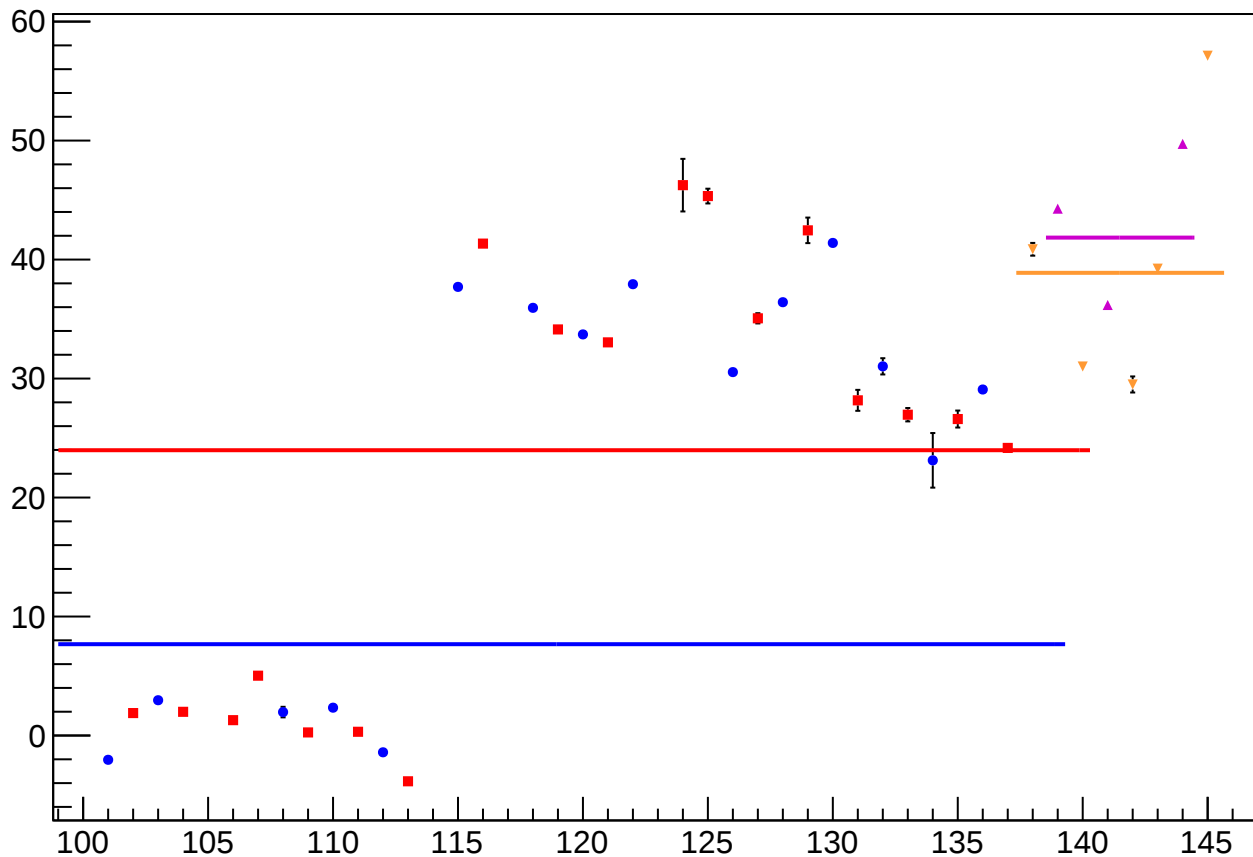
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.652 $\pm$ 0.065 χ^2 /NDF:5356.9/17

Out: 25.026 $\pm$ 0.056 χ^2 /NDF:16519.7/22

All: 24.005 $\pm$ 0.042 χ^2 /NDF: 22648.1/40

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 38.886 ± 0.167 χ^2/NDF : 2792.5/4

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 41.845 ± 0.125 χ^2/NDF : 1392.3/2

Left: 40.779 ± 0.100 χ^2/NDF : 4386.9/7

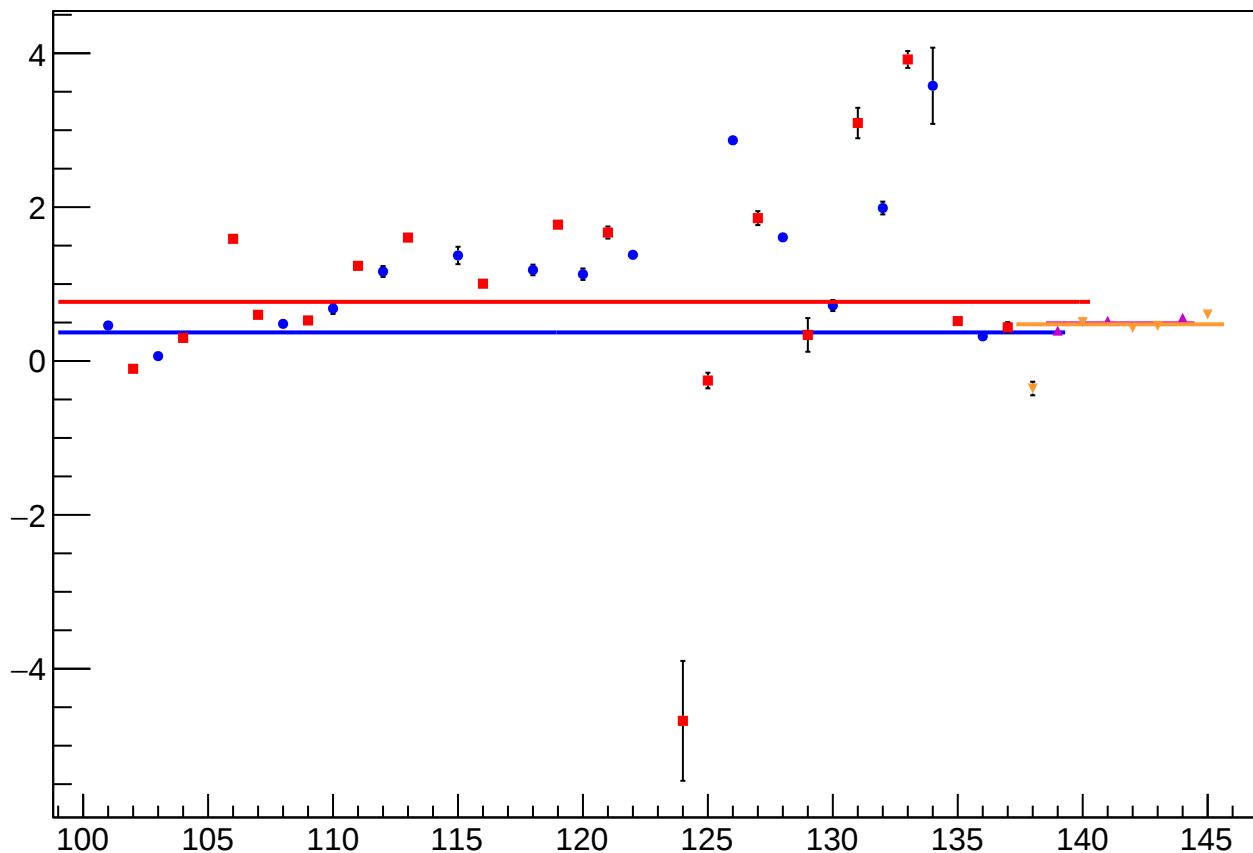
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 11.634 ± 0.043 χ^2/NDF : 163949.6/17

Out: 24.013 ± 0.008 χ^2/NDF : 121349.4/22

All: 23.573 ± 0.008 χ^2/NDF : 366988.5/40

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.477 $\pm$ 0.003 χ^2 /NDF:235.3/4

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.489 $\pm$ 0.003 χ^2 /NDF:578.4/2

Left: 0.483 $\pm$ 0.002 χ^2 /NDF: 822.7/7

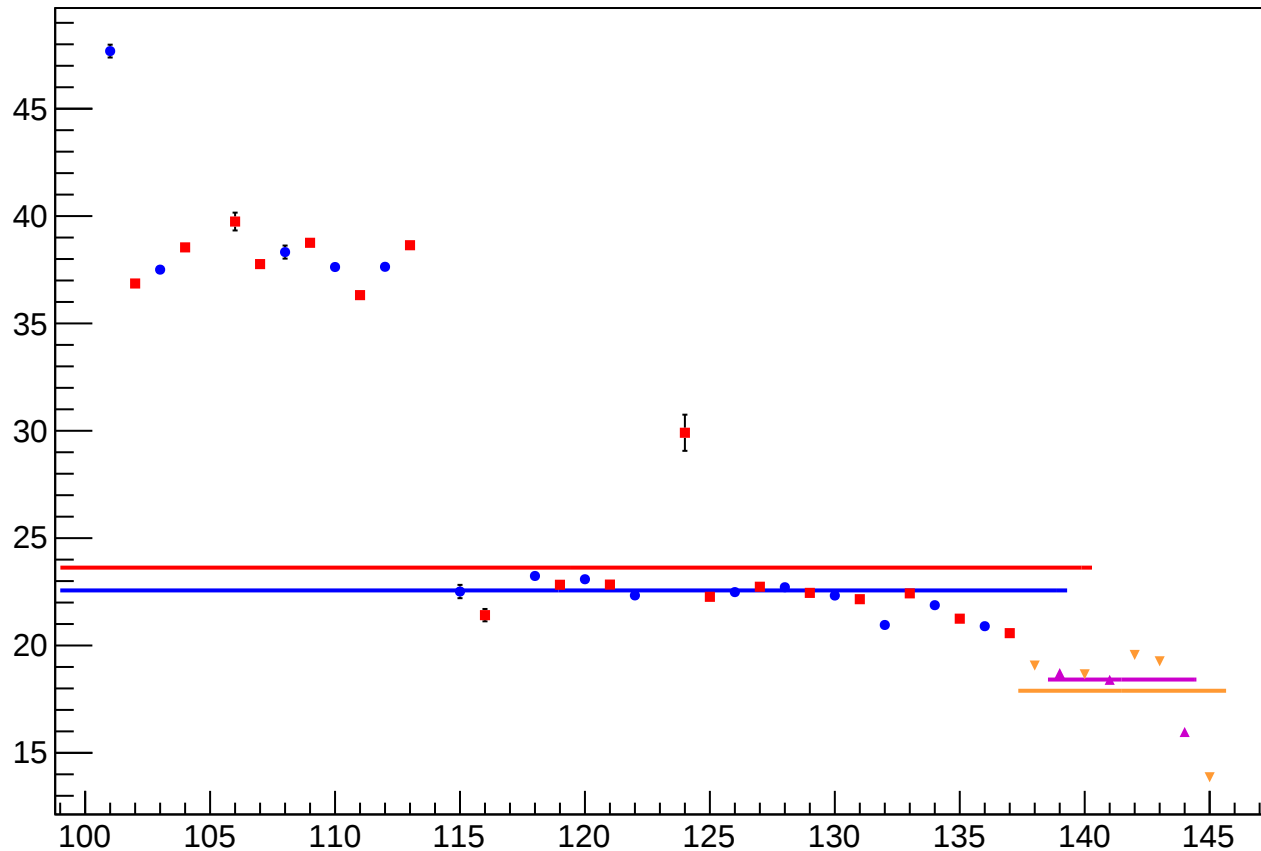
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.454 $\pm$ 0.002 χ^2 /NDF:5834.5/17

Out: 0.520 $\pm$ 0.003 χ^2 /NDF:5880.3/22

All: 0.483 $\pm$ 0.002 χ^2 /NDF: 12060.6/40

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.892 $\pm$ 0.012 χ^2 /NDF:35377.3/4

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: 18.042 $\pm$ 0.010 χ^2 /NDF: 36812.8/7

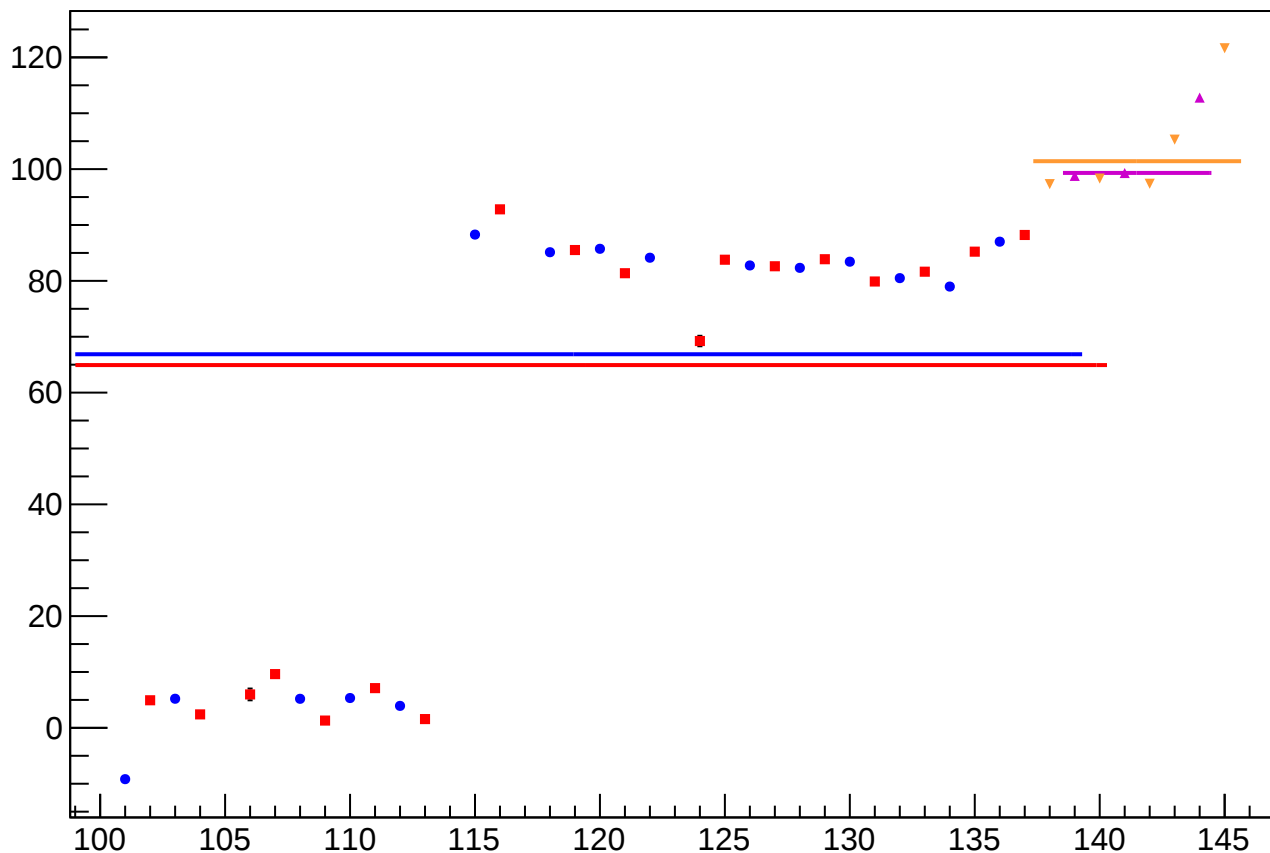
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.627 $\pm$ 0.009 χ^2 /NDF:131353.9/17

Out: 20.944 $\pm$ 0.008 χ^2 /NDF:280739.9/22

All: 21.255 $\pm$ 0.006 χ^2 /NDF: 415262.5/40

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2/NDF : 1494212.3/14

Left Out: 101.418 $\pm$ 0.029 χ^2/NDF : 53614.1/4

Right Out: 64.929 $\pm$ 0.030 χ^2/NDF : 1334580.7/17

Left In: 99.319 $\pm$ 0.033 χ^2/NDF : 1173.1/2

Left: 100.505 $\pm$ 0.021 χ^2/NDF : 57132.5/7

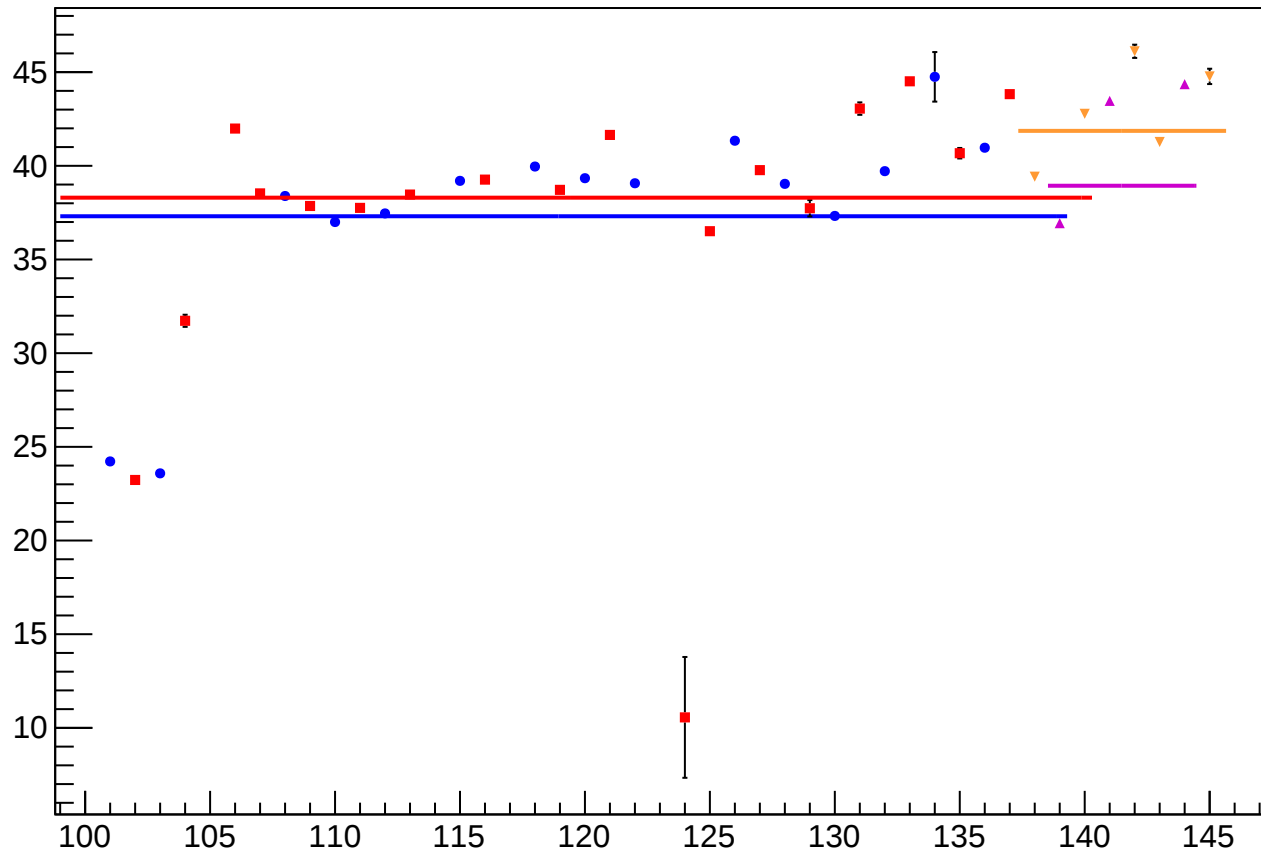
Right: 65.988 $\pm$ 0.020 χ^2/NDF : 2831116.5/32

In: 80.116 $\pm$ 0.021 χ^2/NDF : 2082581.4/17

Out: 83.883 $\pm$ 0.021 χ^2/NDF : 2170811.6/22

All: 82.018 $\pm$ 0.015 χ^2/NDF : 4269937.4/40

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 41.865 $\pm$ 0.079 χ^2 /NDF: 365.9/4

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.937 $\pm$ 0.058 χ^2 /NDF: 2900.2/2

Left: 39.962 $\pm$ 0.047 χ^2 /NDF: 4155.5/7

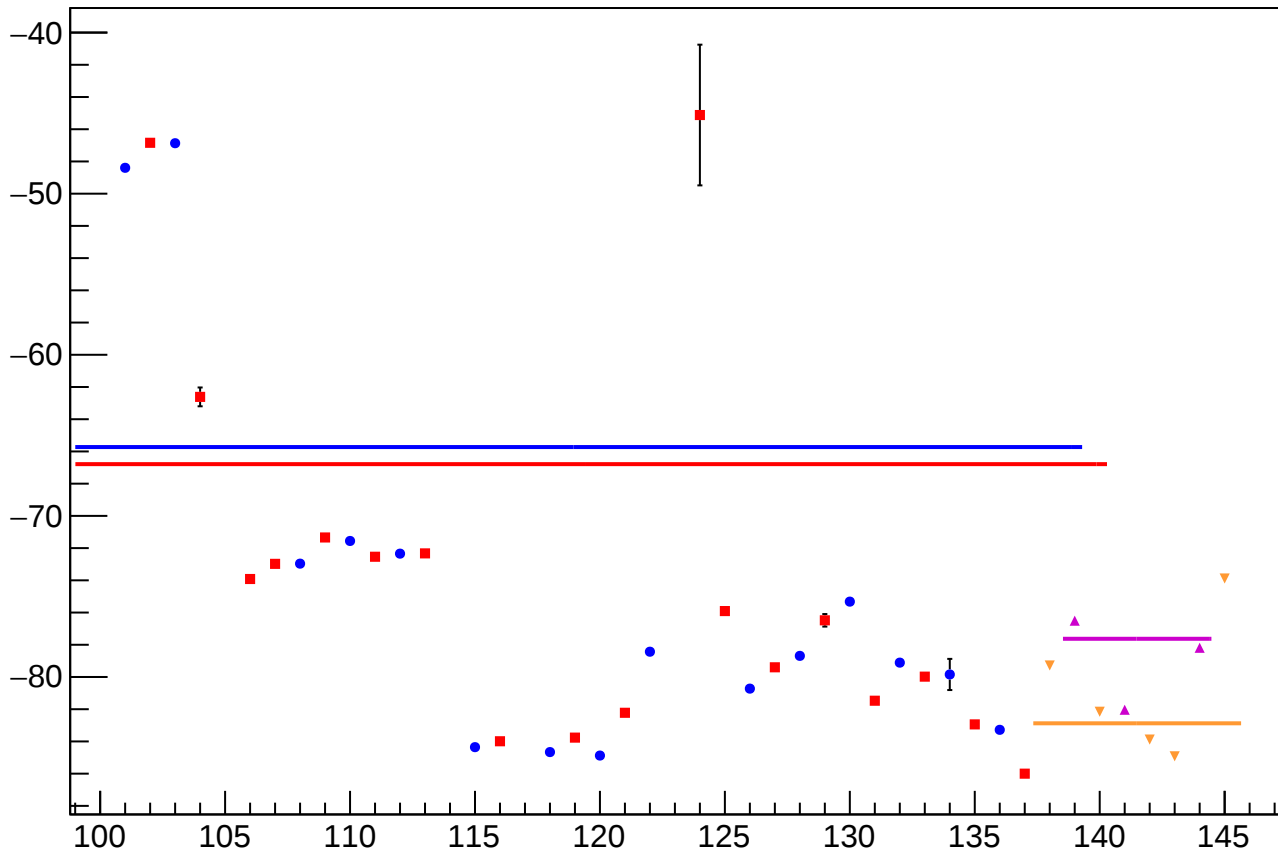
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.530 $\pm$ 0.021 χ^2 /NDF: 63158.8/17

Out: 38.524 $\pm$ 0.020 χ^2 /NDF: 21106.7/22

All: 38.065 $\pm$ 0.015 χ^2 /NDF: 85422.6/40

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728+/-0.017 χ^2/NDF : 903051.8/14

Left Out: -82.875+/-0.067 χ^2/NDF :1761.4/4

Right Out: -66.788+/-0.016 χ^2/NDF : 809356.5/17

Left In: -77.628+/-0.046 χ^2/NDF :2042.9/2

Left: -79.297+/-0.038 χ^2/NDF : 7962.5/7

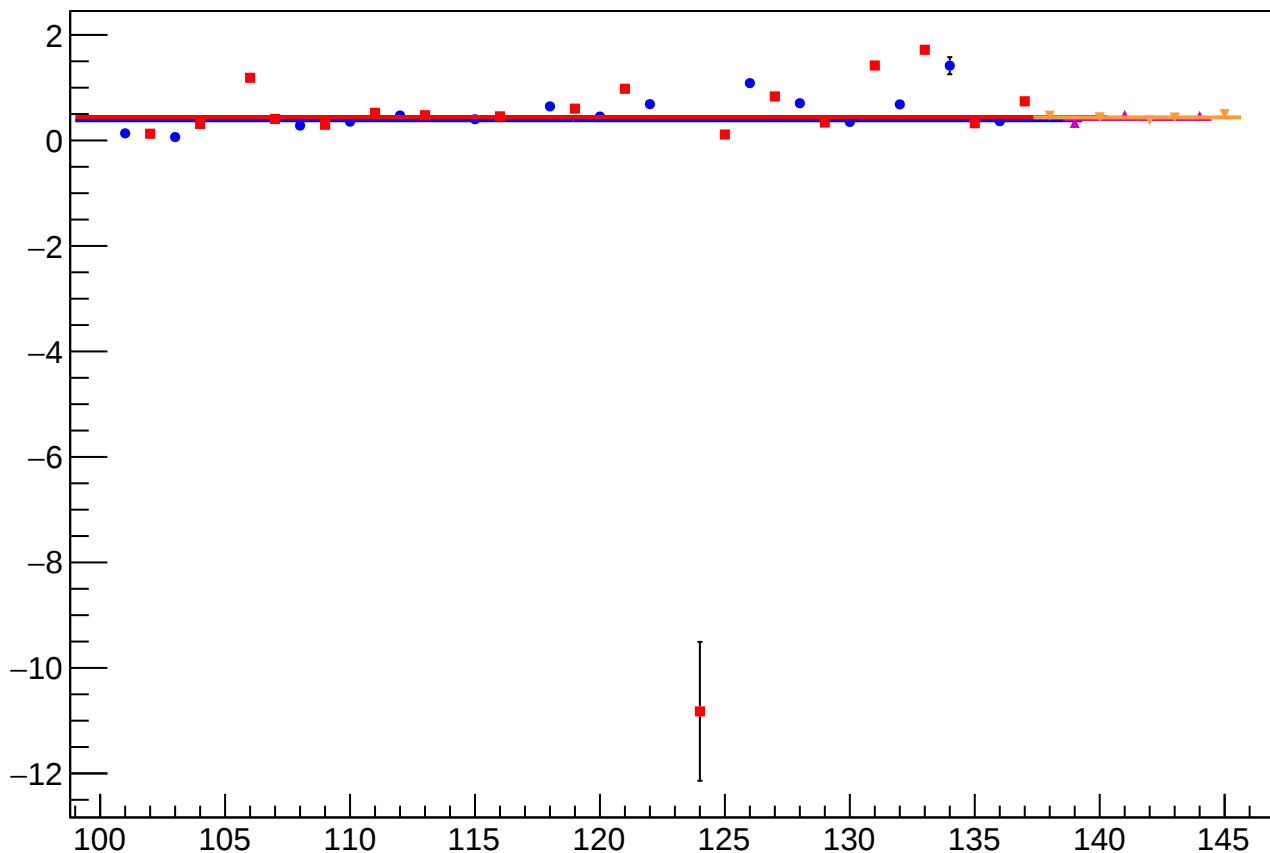
Right: -66.292+/-0.012 χ^2/NDF : 1714516.0/32

In: -67.142+/-0.016 χ^2/NDF :964365.1/17

Out: -67.632+/-0.015 χ^2/NDF :865432.5/22

All: -67.393+/-0.011 χ^2/NDF : 1830291.0/40

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.436 $\pm$ 0.002 χ^2 /NDF:83.3/4

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.407 $\pm$ 0.002 χ^2 /NDF:1947.1/2

Left: 0.421 $\pm$ 0.001 χ^2 /NDF: 2179.2/7

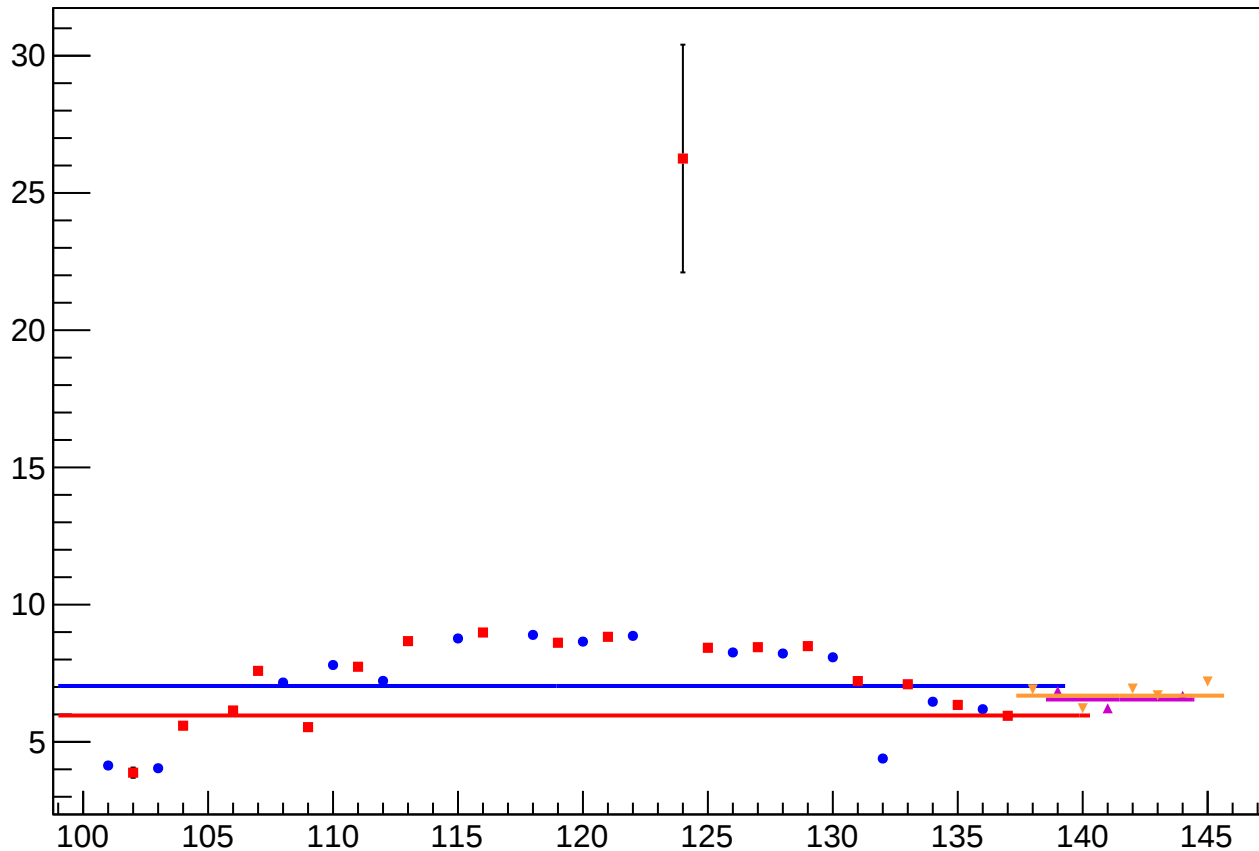
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.396 $\pm$ 0.001 χ^2 /NDF:10216.1/17

Out: 0.438 $\pm$ 0.002 χ^2 /NDF:2873.3/22

All: 0.413 $\pm$ 0.001 χ^2 /NDF: 13521.2/40

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.685 ± 0.005 χ^2/NDF : 3431.0/4

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.544 ± 0.005 χ^2/NDF : 3025.0/2

Left: 6.620 ± 0.003 χ^2/NDF : 6901.0/7

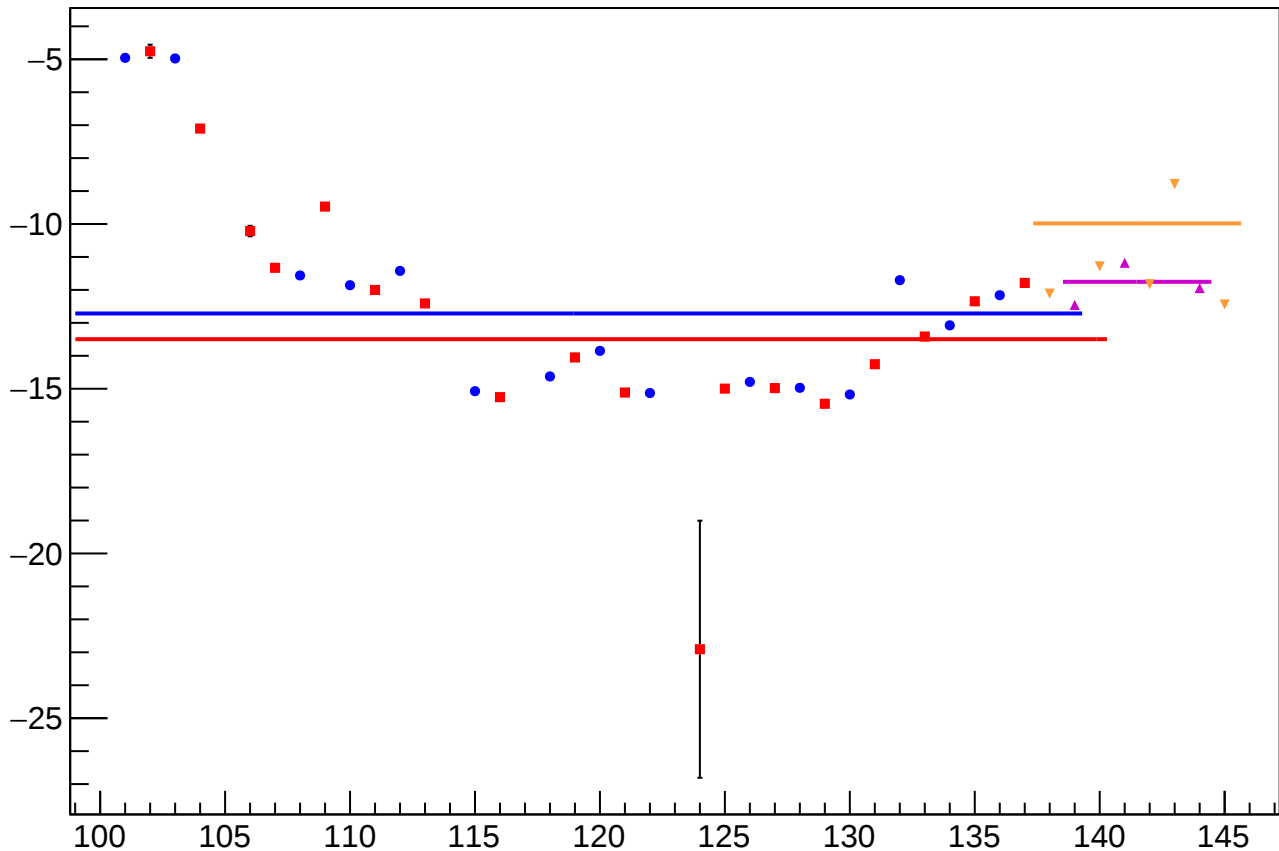
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.810 ± 0.003 χ^2/NDF : 78374.8/17

Out: 5.968 ± 0.000 χ^2/NDF : 197125.3/22

All: 5.980 ± 0.000 χ^2/NDF : 338751.6/40

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2/NDF : 85219.4/14

Left Out: -9.982 $\pm$ 0.005 χ^2/NDF : 96170.4/4

Right Out: -13.496 $\pm$ 0.006 χ^2/NDF : 55753.8/17

Left In: -11.755 $\pm$ 0.009 χ^2/NDF : 3490.4/2

Left: -10.402 $\pm$ 0.004 χ^2/NDF : 131243.6/7

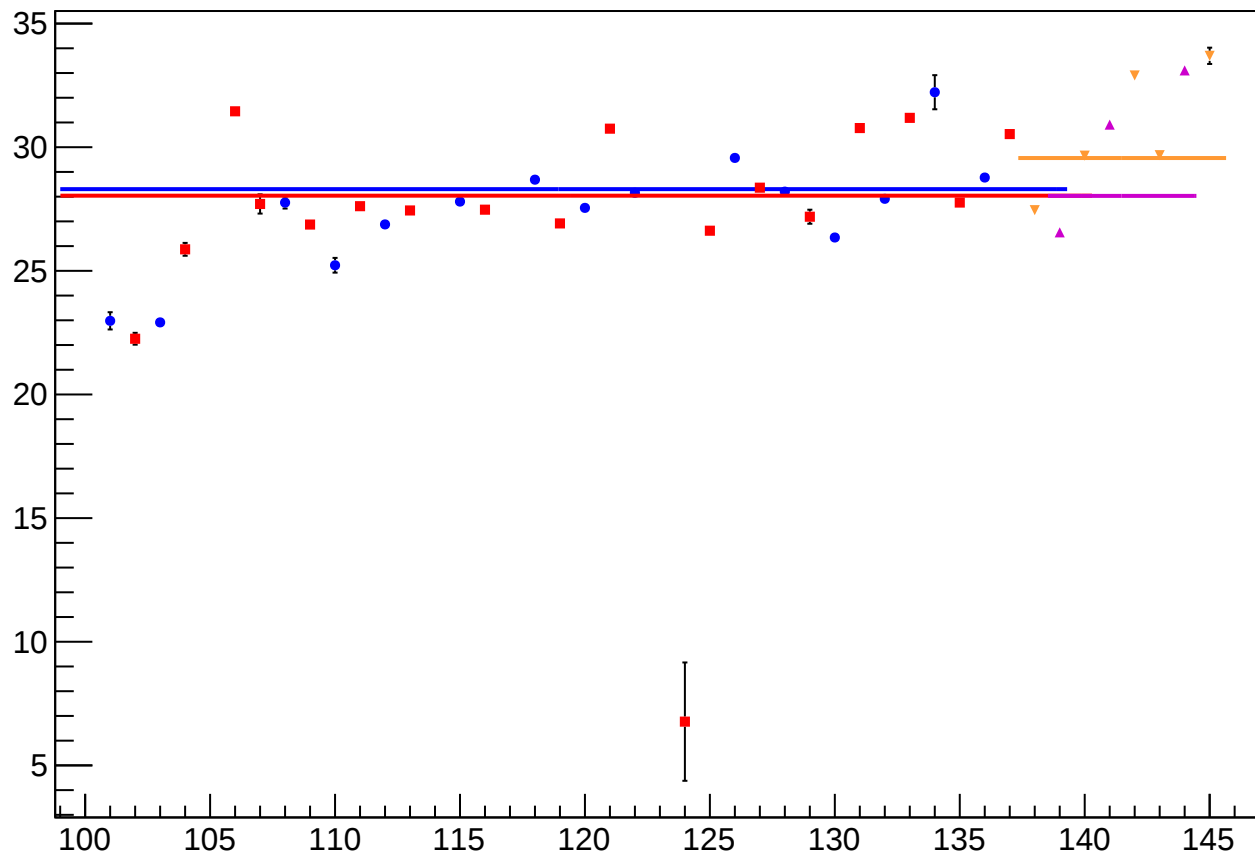
Right: -13.142 $\pm$ 0.004 χ^2/NDF : 149153.5/32

In: -12.380 $\pm$ 0.005 χ^2/NDF : 96625.9/17

Out: -11.428 $\pm$ 0.004 χ^2/NDF : 367139.7/22

All: -11.755 $\pm$ 0.003 χ^2/NDF : 486231.5/40

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.562 $\pm$ 0.053 χ^2 /NDF:751.9/4

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.031 $\pm$ 0.045 χ^2 /NDF:2678.2/2

Left: 28.669 $\pm$ 0.034 χ^2 /NDF: 3916.5/7

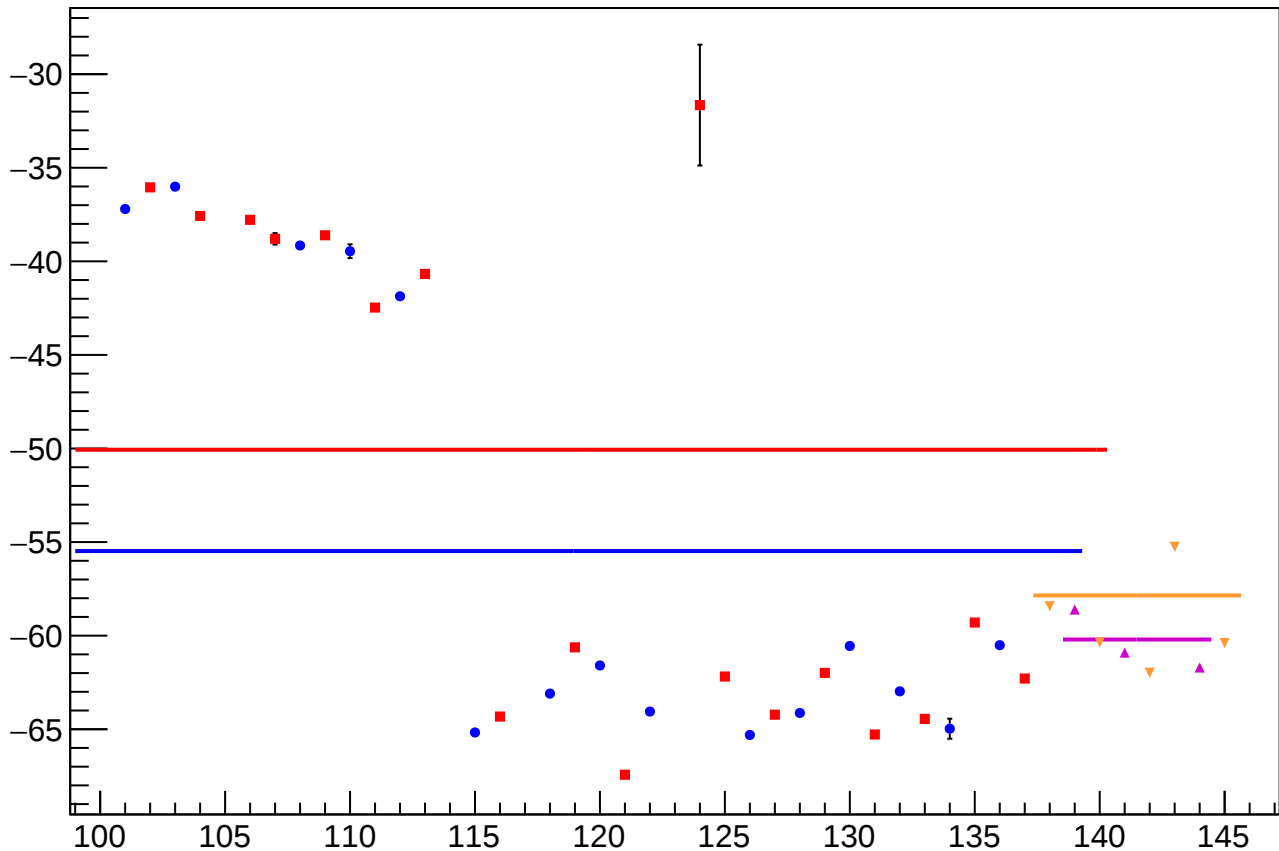
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.247 $\pm$ 0.021 χ^2 /NDF:6107.6/17

Out: 28.415 $\pm$ 0.026 χ^2 /NDF:3934.7/22

All: 28.310 $\pm$ 0.016 χ^2 /NDF: 10067.6/40

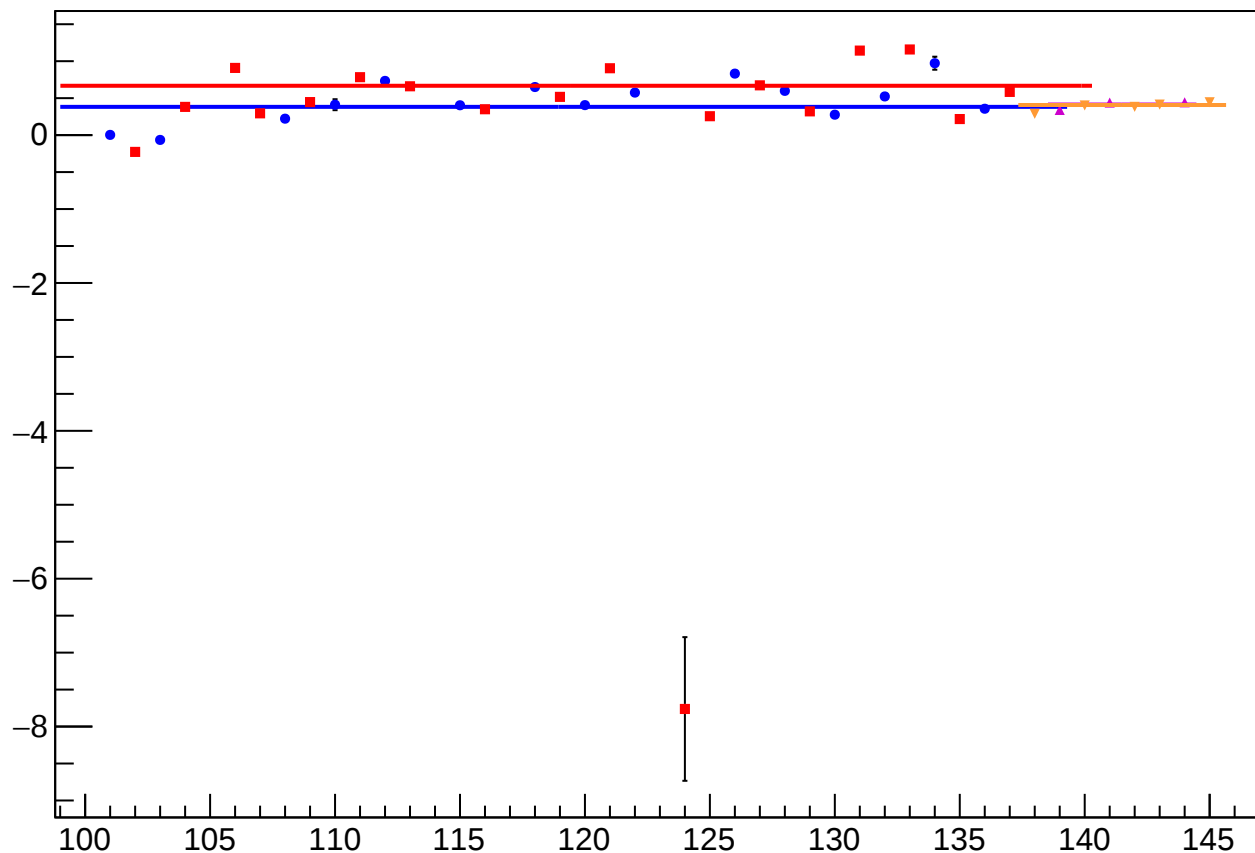
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 +/- 0.017 χ^2/NDF : 595140.3/14
 Left Out: -57.853 +/- 0.046 χ^2/NDF : 3036.4/4
 Right Out: -50.065 +/- 0.023 χ^2/NDF : 340098.3/17
 Left In: -60.206 +/- 0.053 χ^2/NDF : 544.4/2

Left: -58.863 +/- 0.035 χ^2/NDF : 4713.8/7
 Right: -53.644 +/- 0.013 χ^2/NDF : 971470.1/32
 In: -55.903 +/- 0.016 χ^2/NDF : 602972.6/17
 Out: -51.647 +/- 0.021 χ^2/NDF : 366165.6/22
 All: -54.330 +/- 0.013 χ^2/NDF : 995934.2/40

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.407 ± 0.001 $\chi^2/\text{NDF}: 260.2/4$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.414 ± 0.001 $\chi^2/\text{NDF}: 958.8/2$

Left: 0.410 ± 0.001 $\chi^2/\text{NDF}: 1232.0/7$

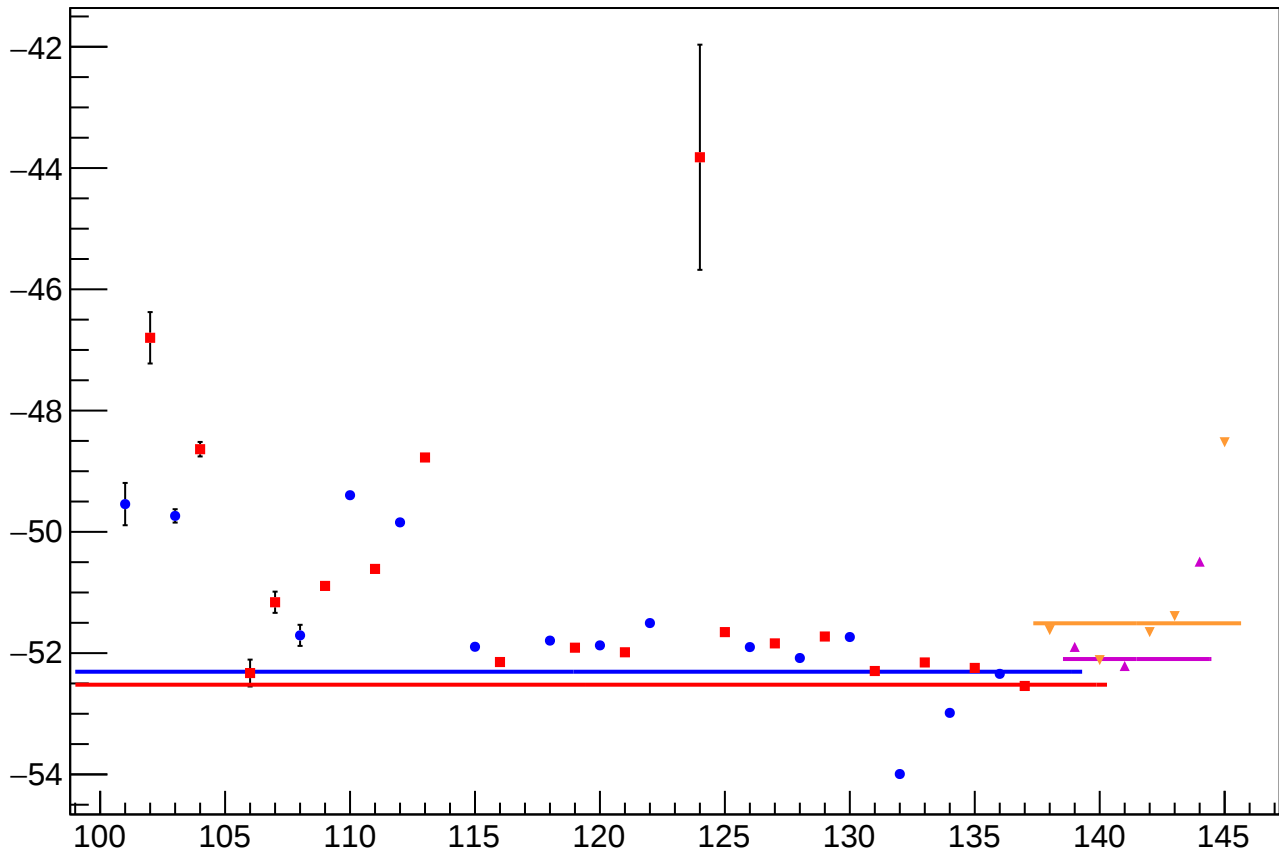
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.400 ± 0.001 $\chi^2/\text{NDF}: 5773.8/17$

Out: 0.424 ± 0.001 $\chi^2/\text{NDF}: 6947.4/22$

All: 0.411 ± 0.001 $\chi^2/\text{NDF}: 12956.3/40$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$

Left Out: -51.508 ± 0.005 $\chi^2/\text{NDF}: 6630.3/4$

Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$

Left In: -52.097 ± 0.005 $\chi^2/\text{NDF}: 3914.3/2$

Left: -51.772 ± 0.003 $\chi^2/\text{NDF}: 17885.8/7$

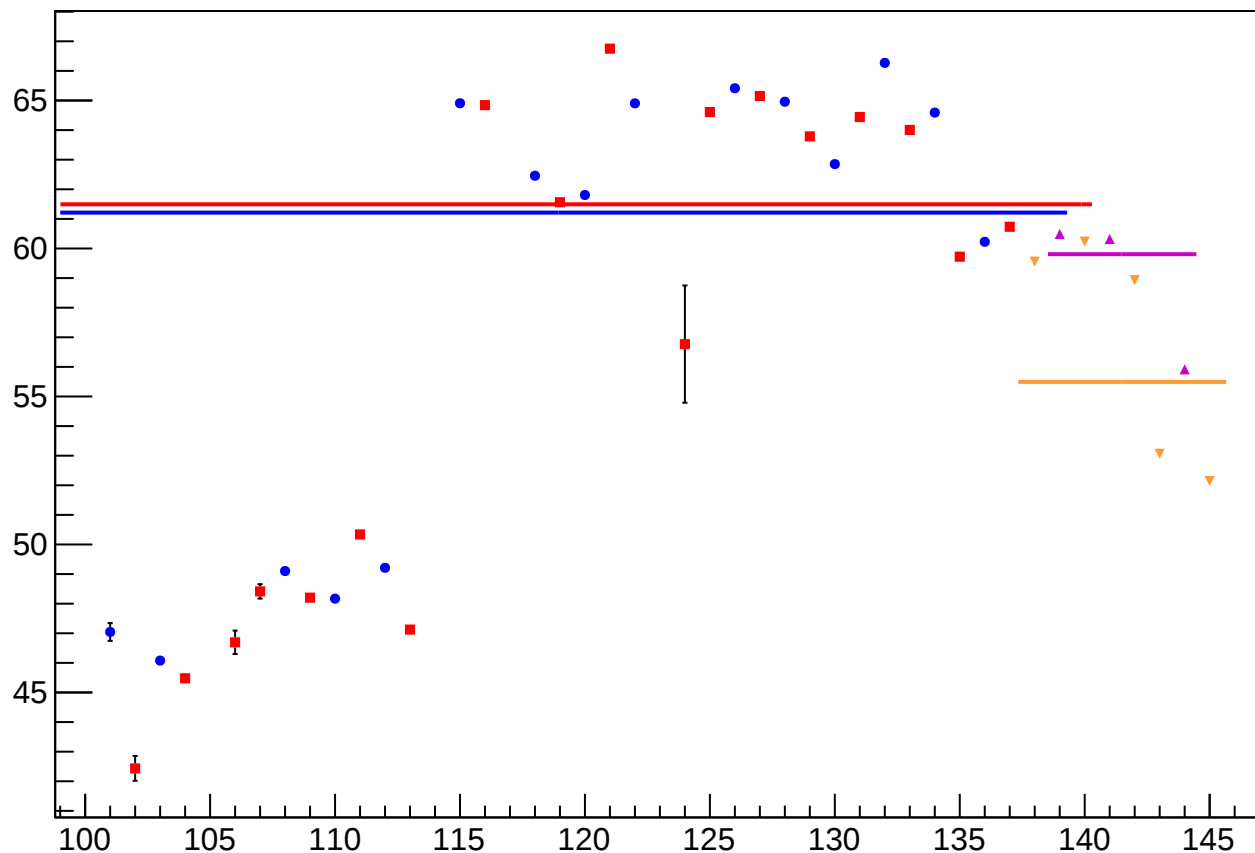
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -52.230 ± 0.003 $\chi^2/\text{NDF}: 30407.5/17$

Out: -52.466 ± 0.001 $\chi^2/\text{NDF}: 67336.1/22$

All: -52.440 ± 0.001 $\chi^2/\text{NDF}: 102934.7/40$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.494 ± 0.007 $\chi^2/\text{NDF}: 186482.0/4$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 59.807 ± 0.023 $\chi^2/\text{NDF}: 4019.2/2$

Left: 55.907 ± 0.007 $\chi^2/\text{NDF}: 222597.6/7$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 60.990 ± 0.009 $\chi^2/\text{NDF}: 163815.8/17$

Out: 58.805 ± 0.005 $\chi^2/\text{NDF}: 787360.1/22$

All: 59.310 ± 0.004 $\chi^2/\text{NDF}: 995458.8/40$

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

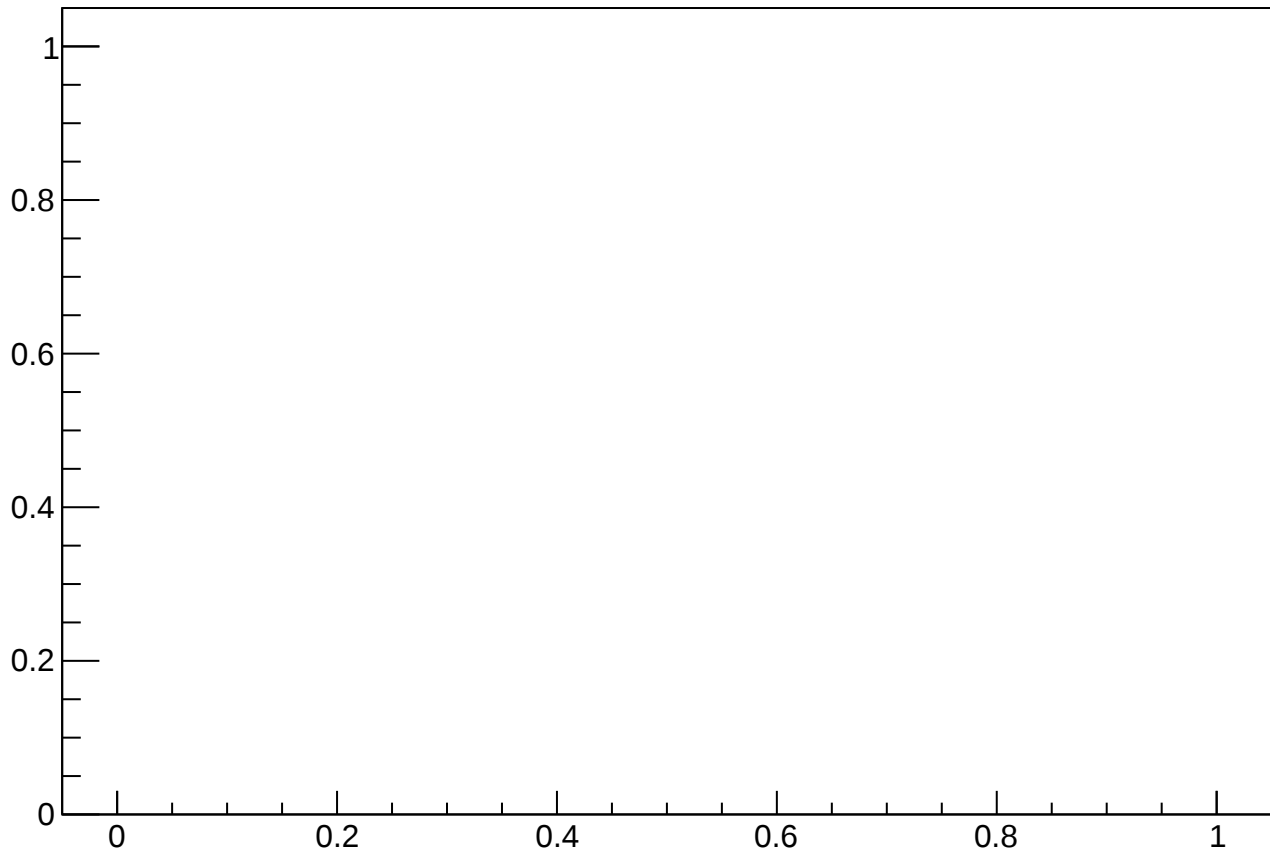
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

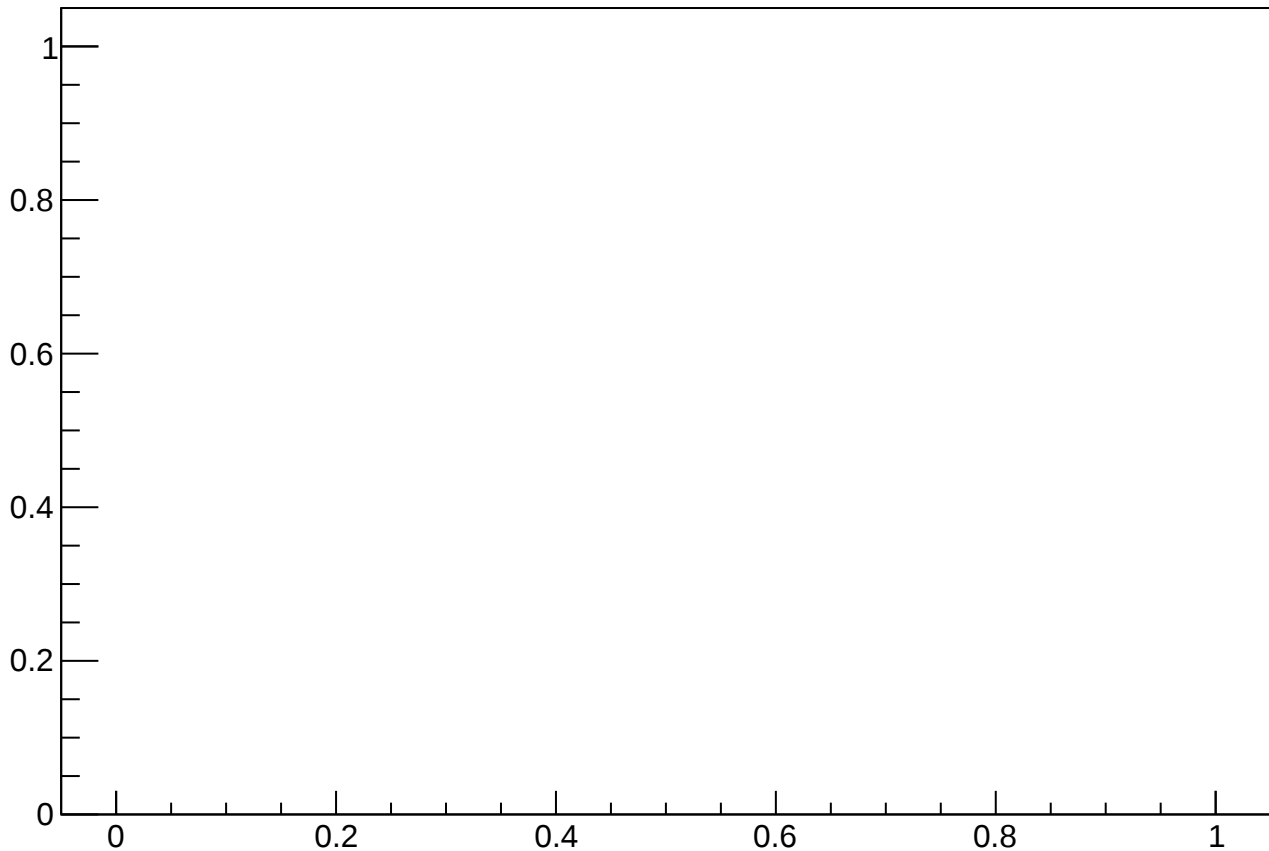
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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_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

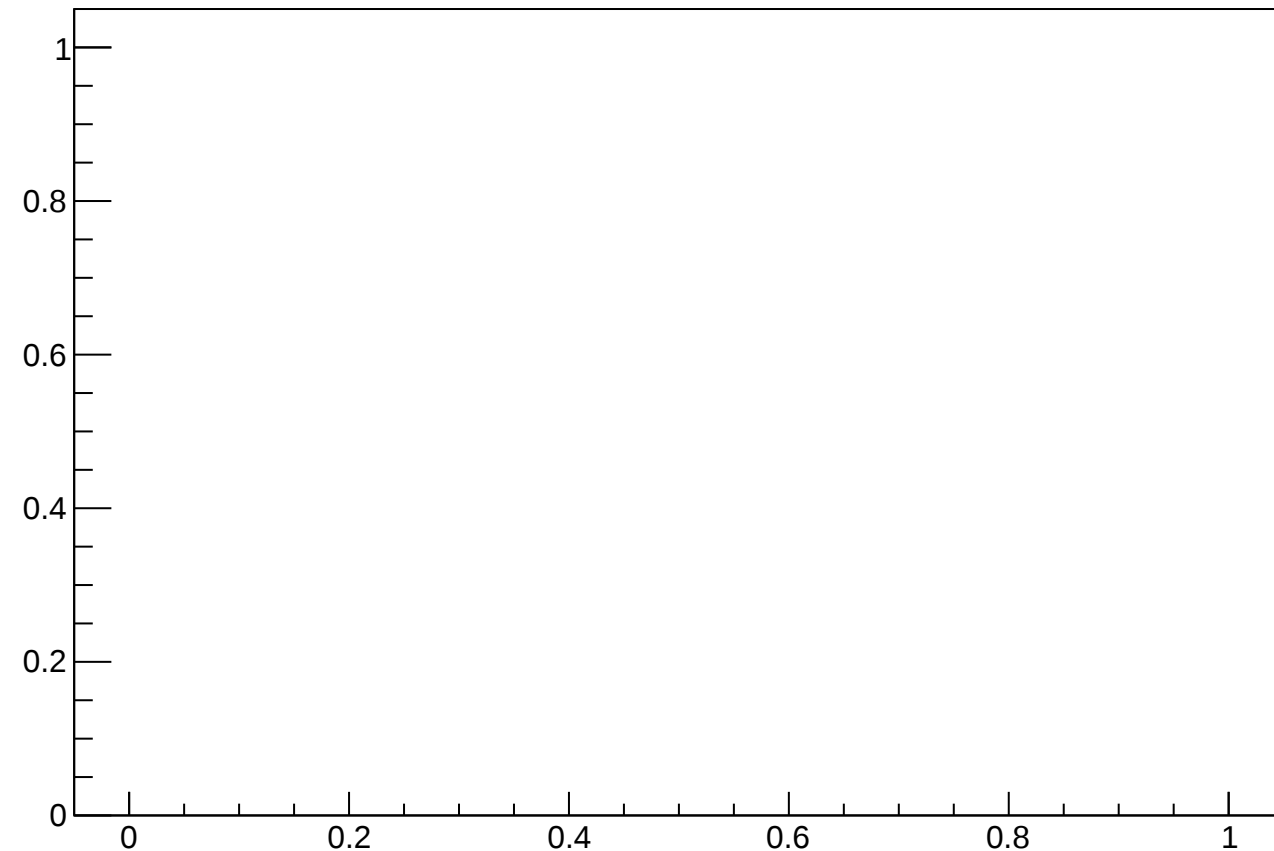
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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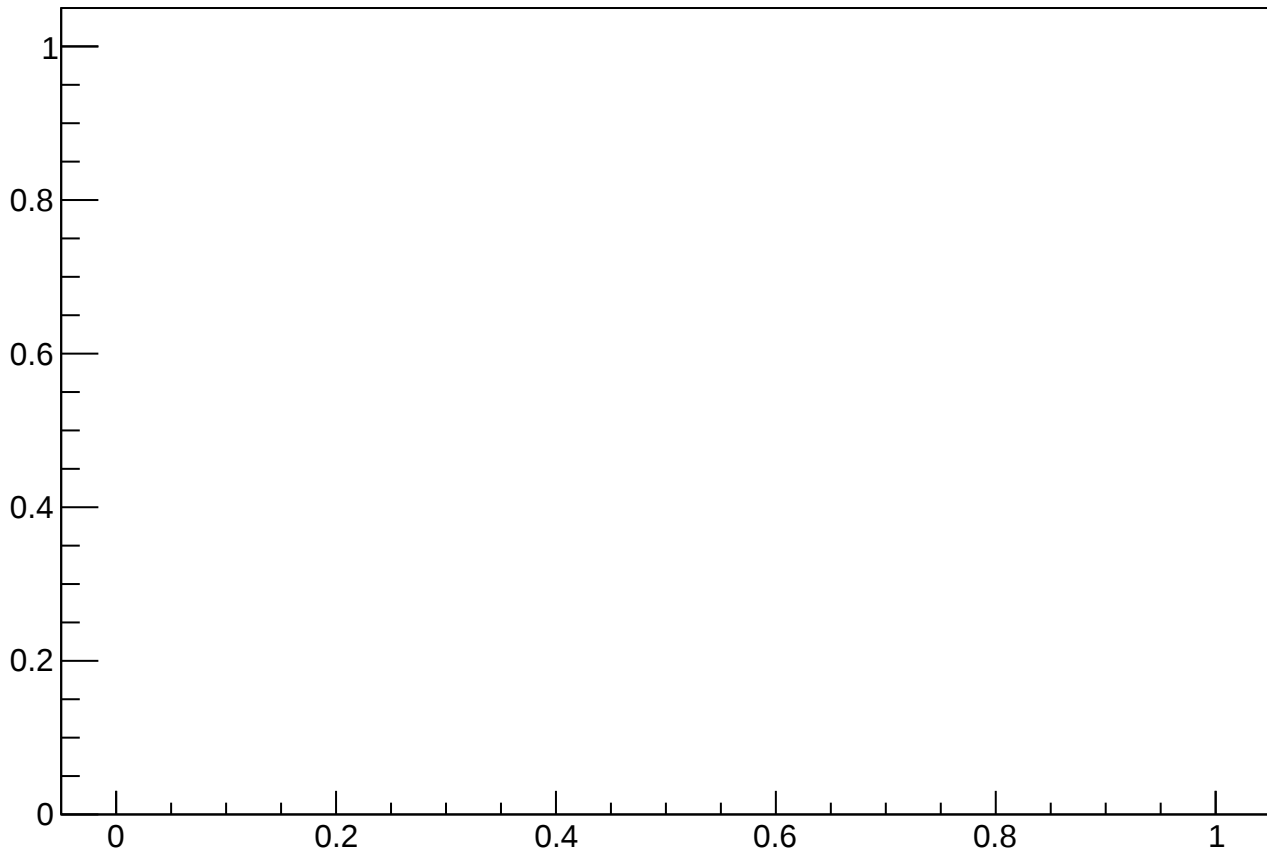
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_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

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Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

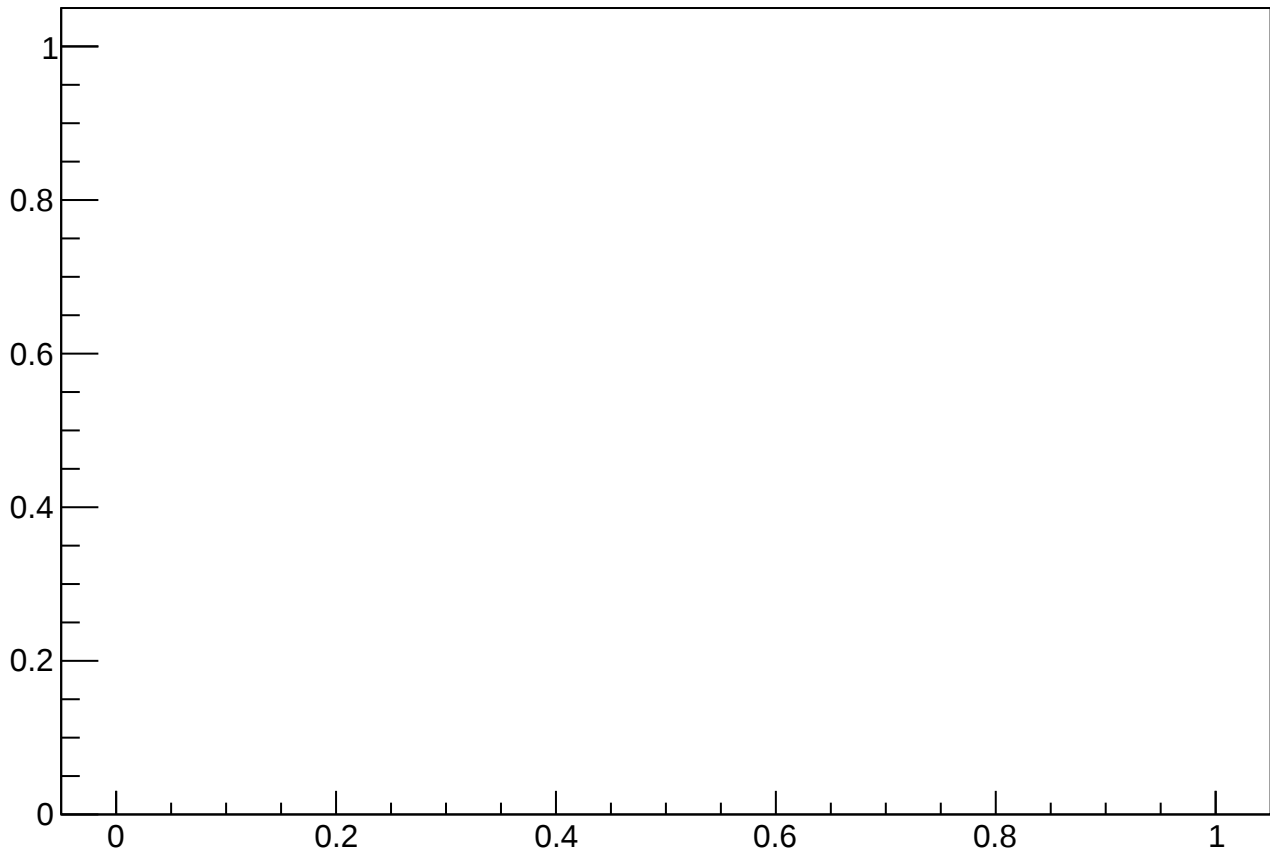
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

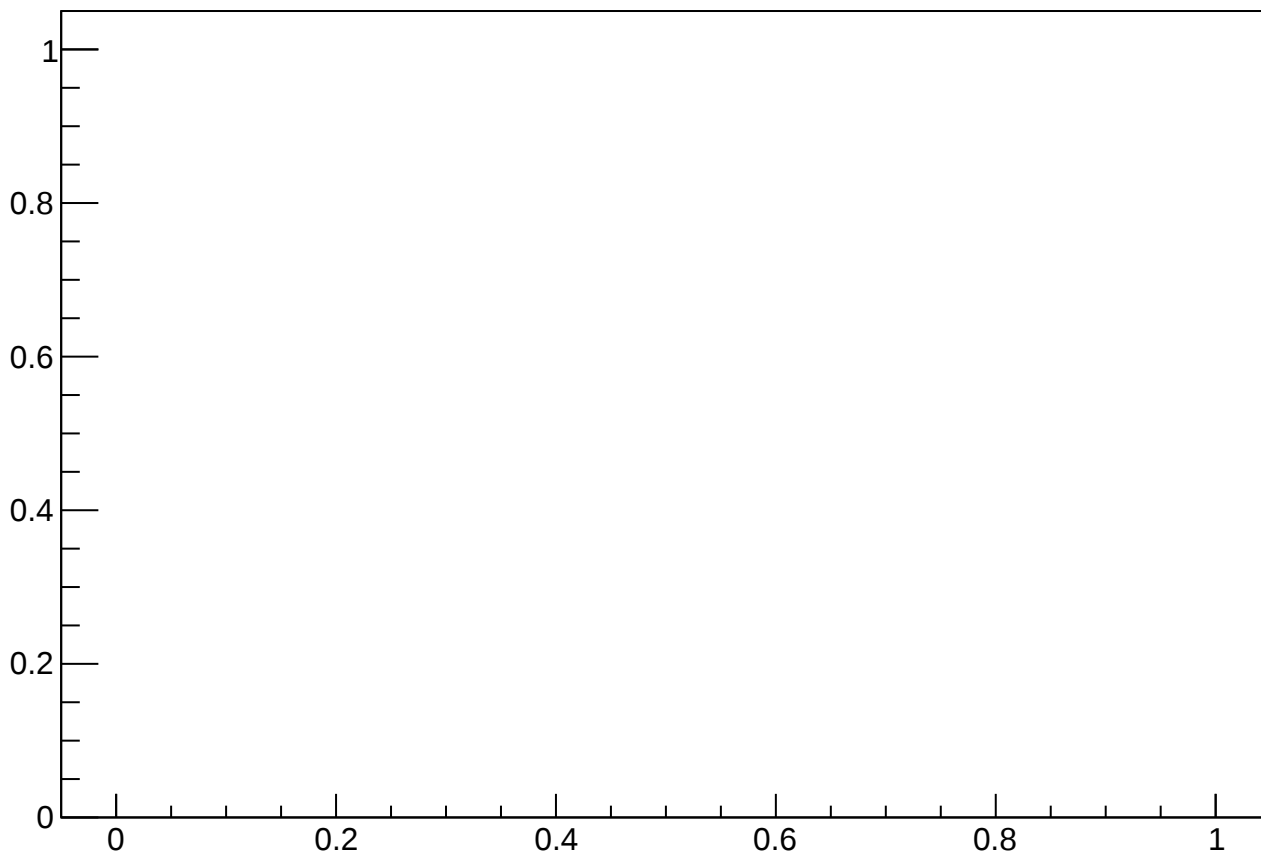
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

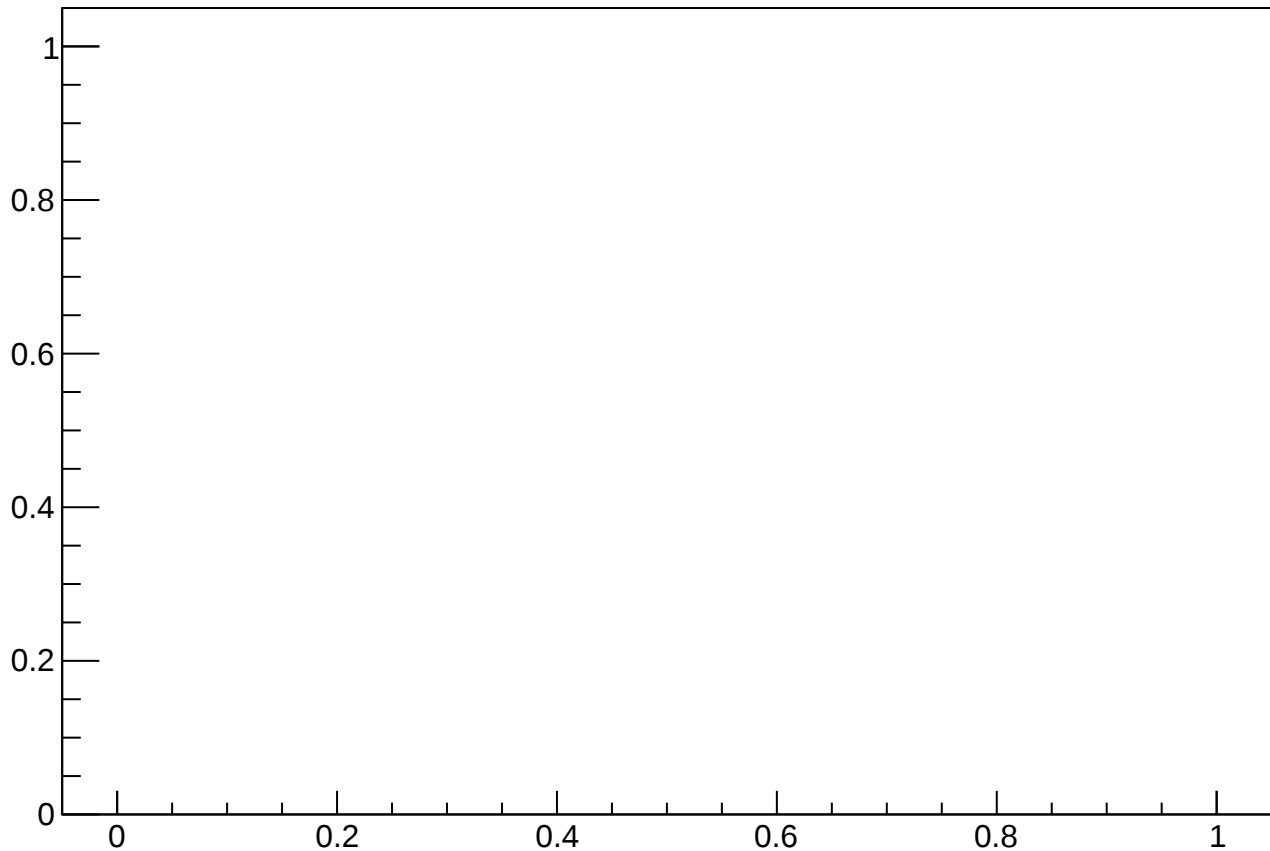
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

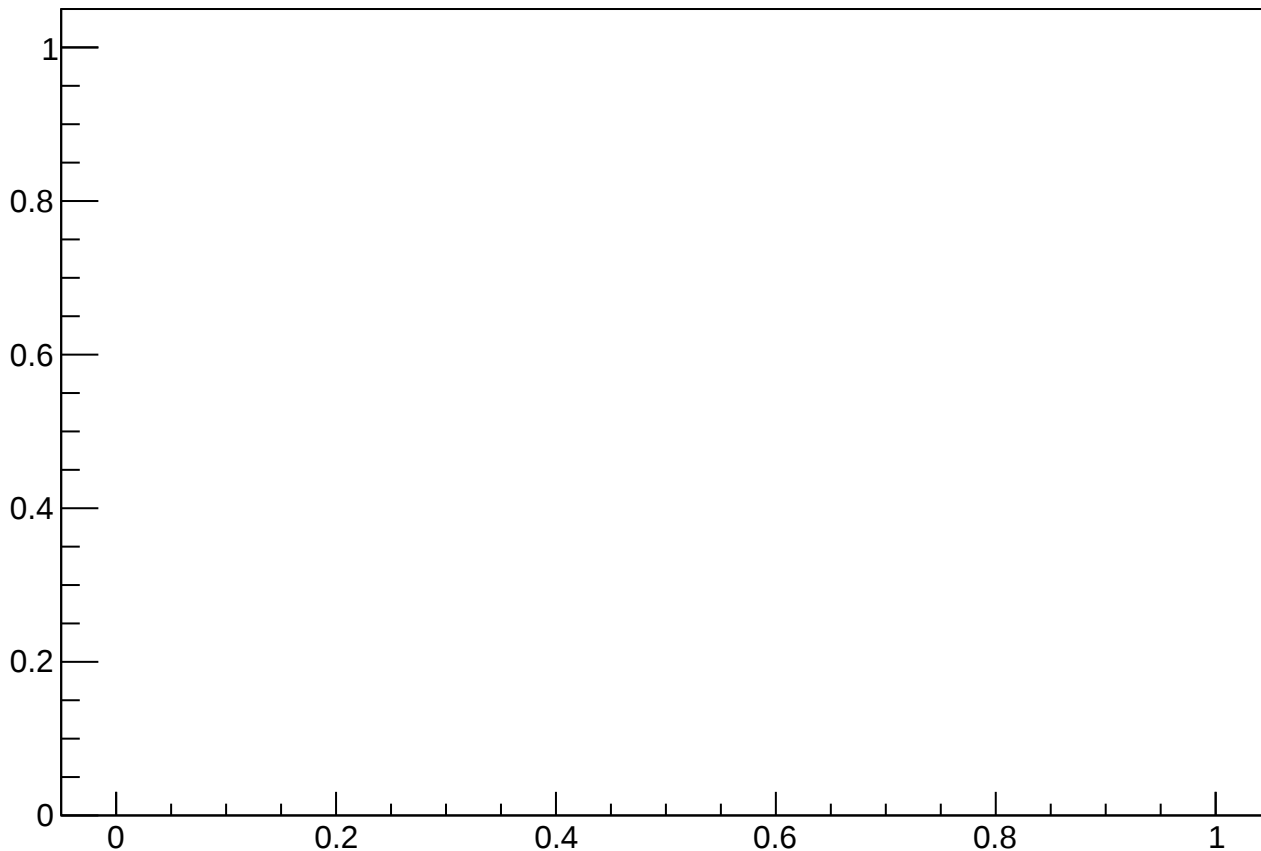
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

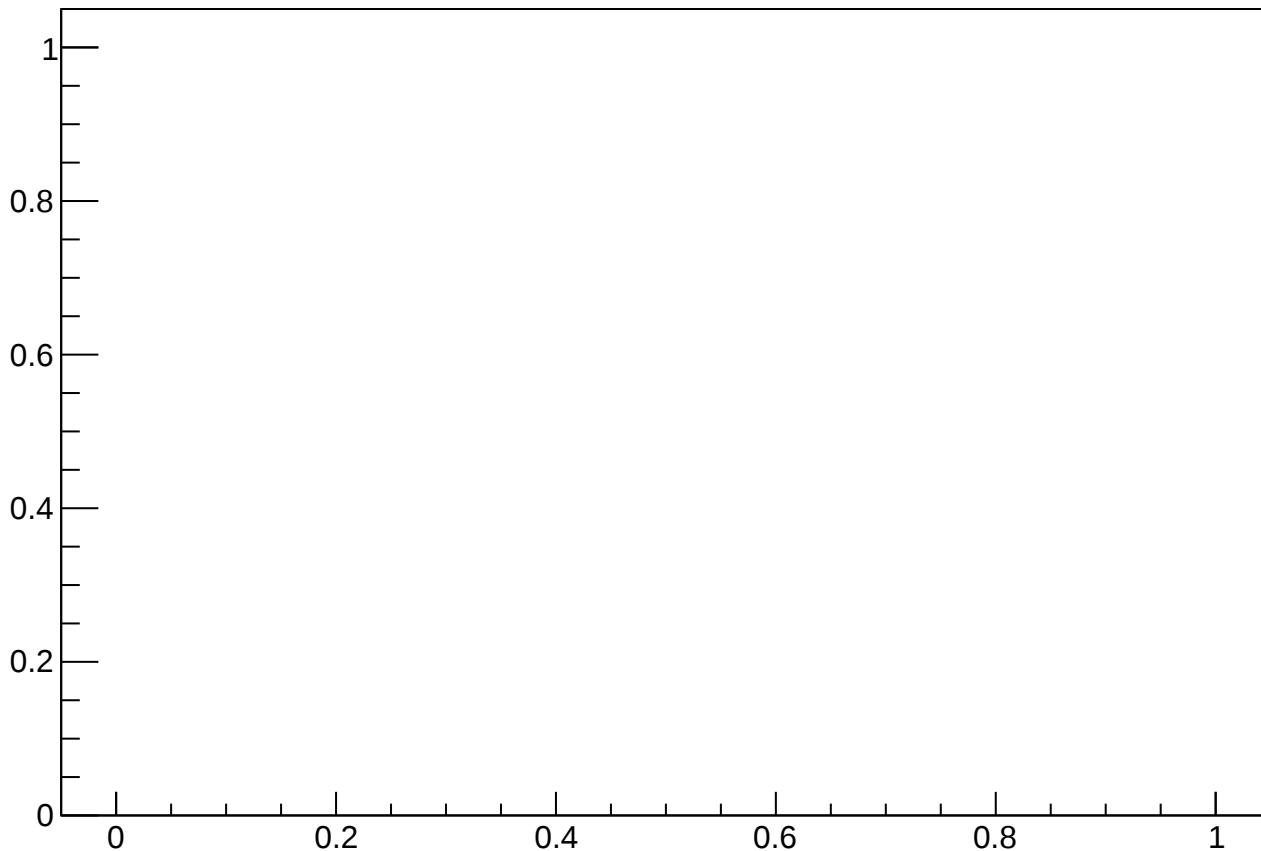
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

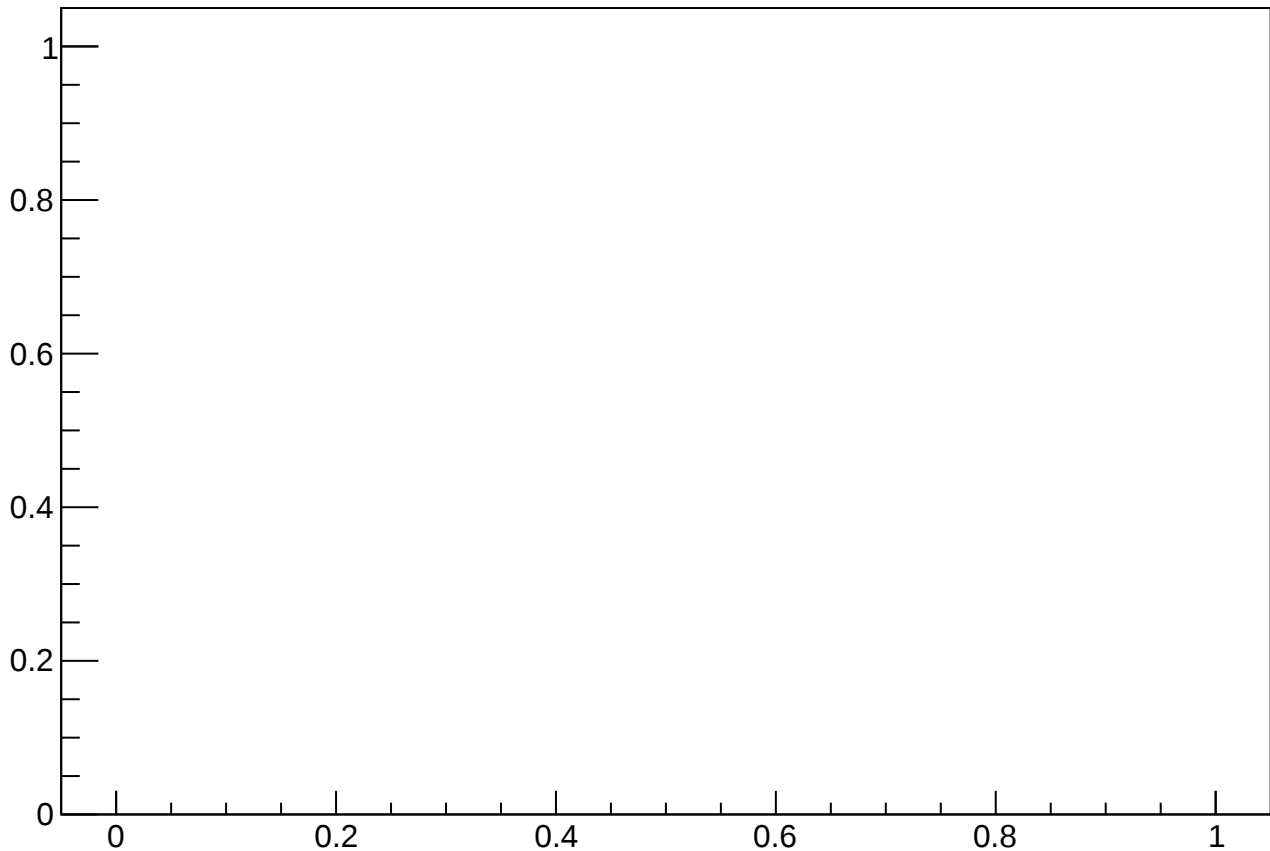
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

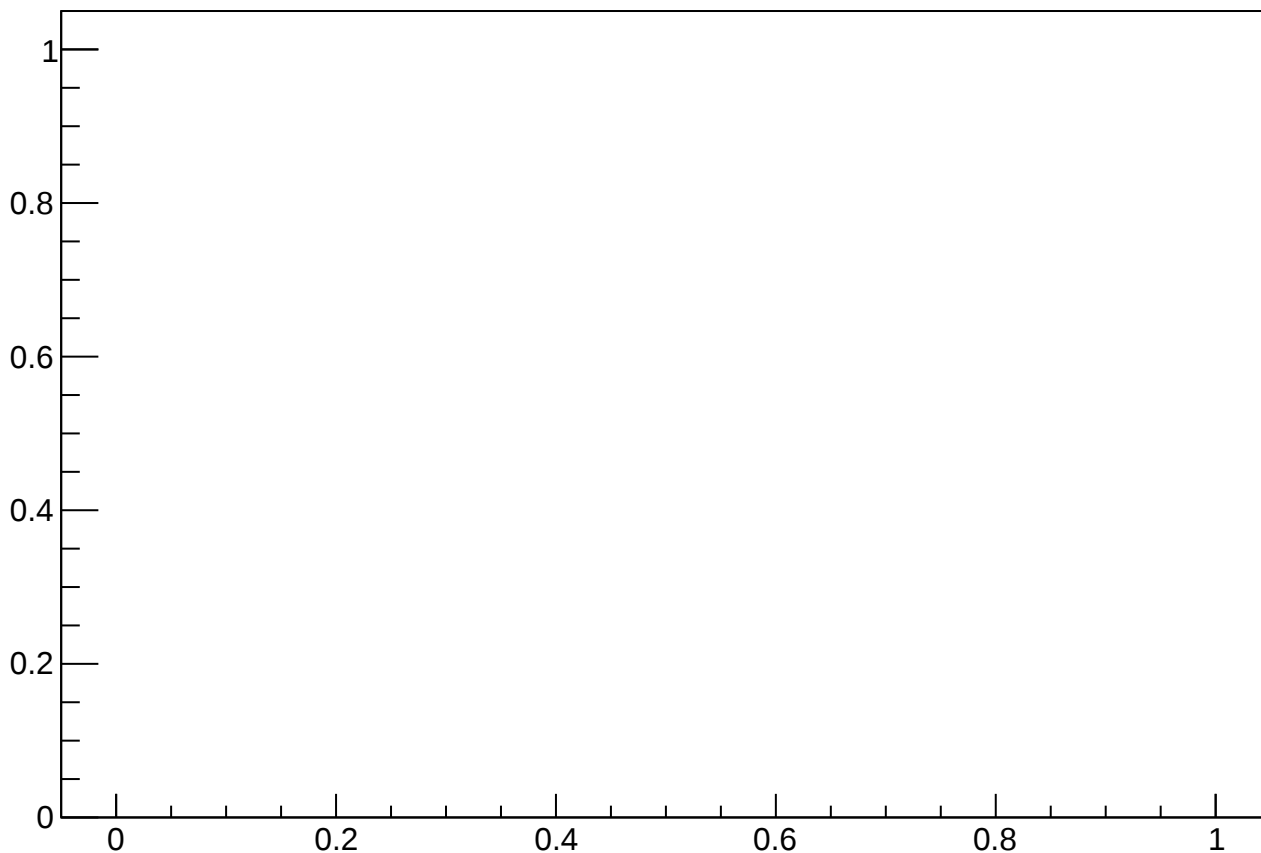
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

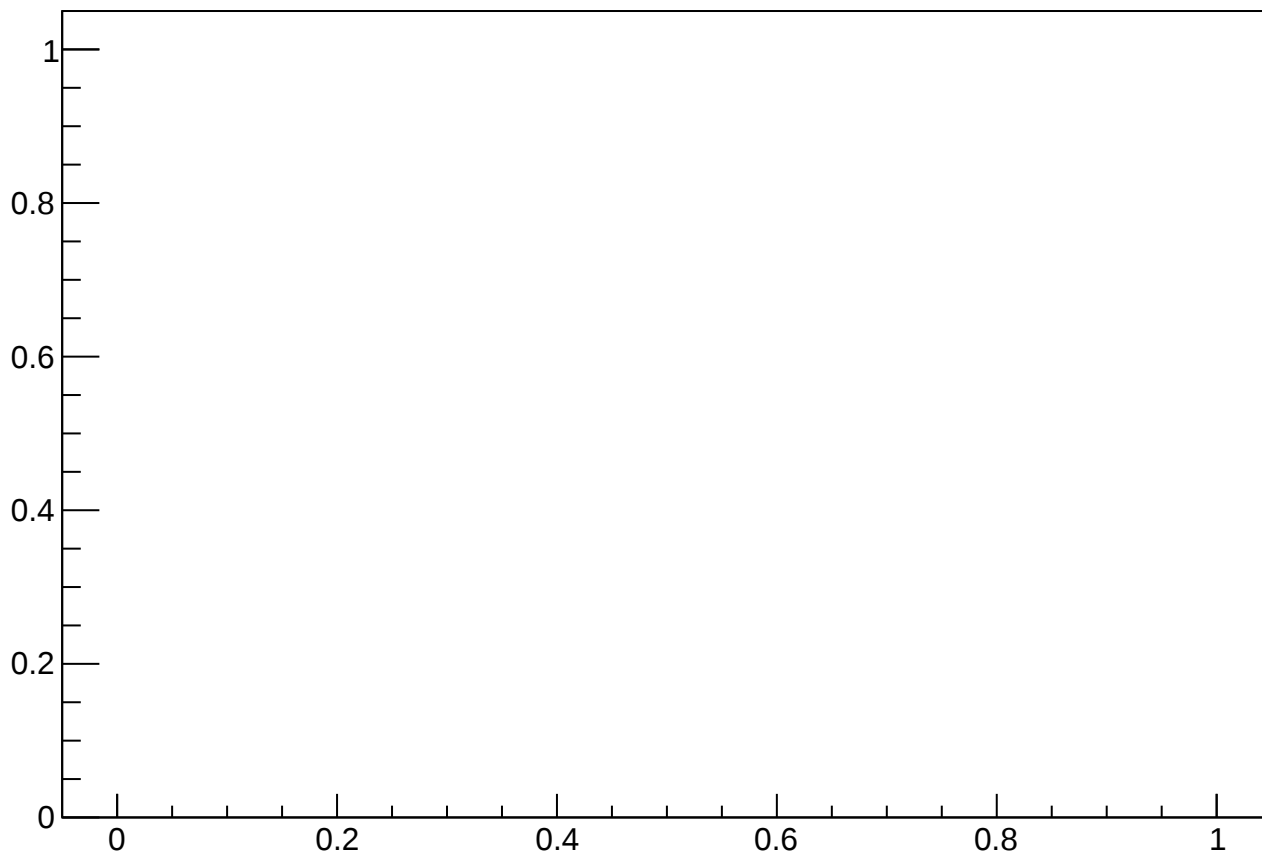
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

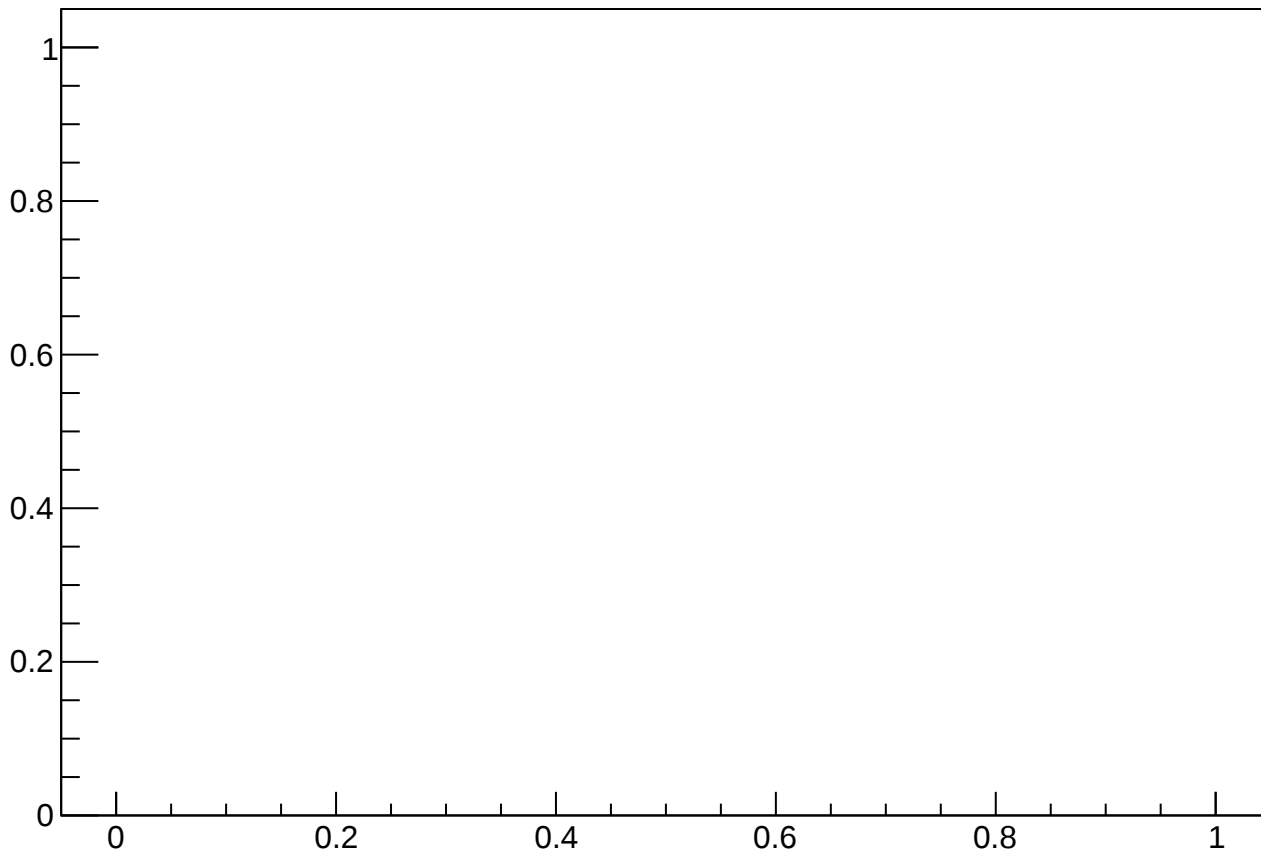
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

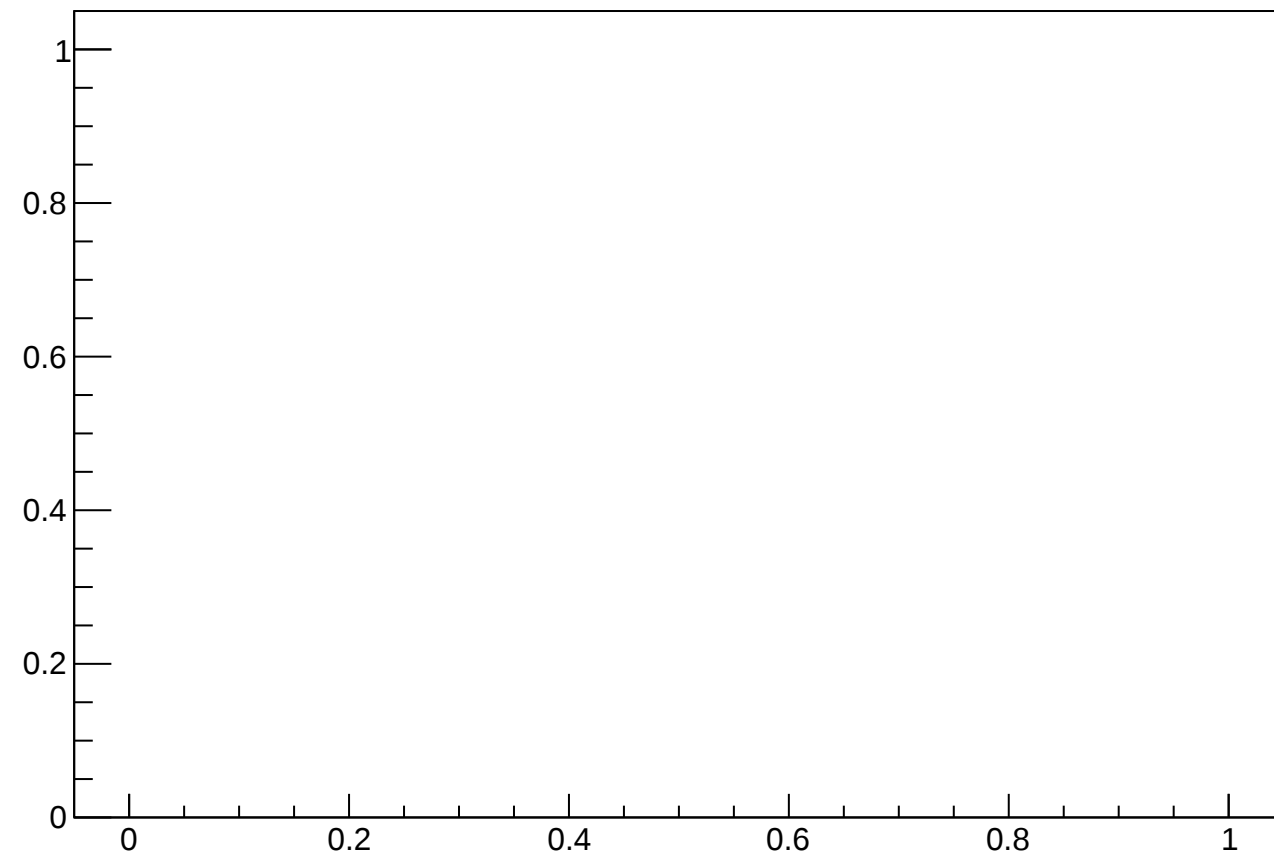
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

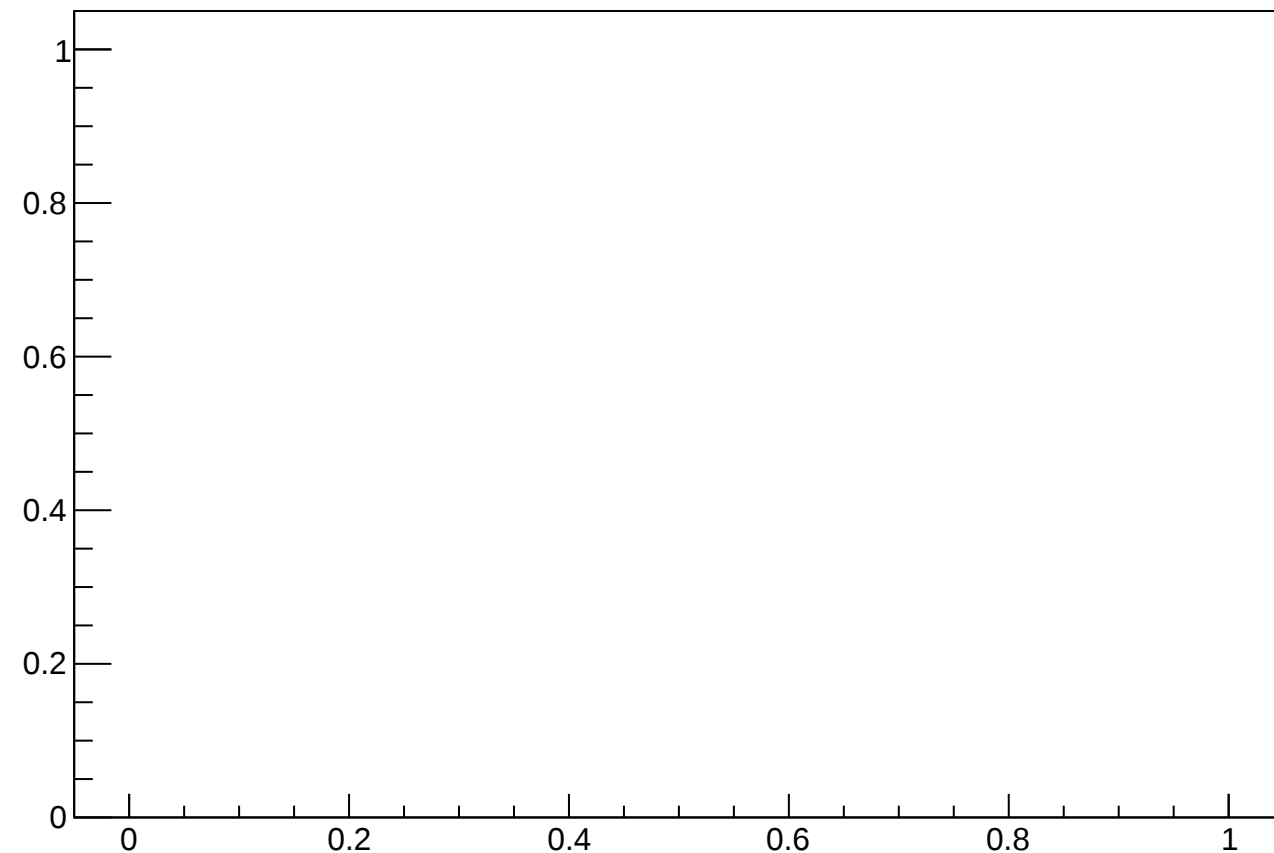
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

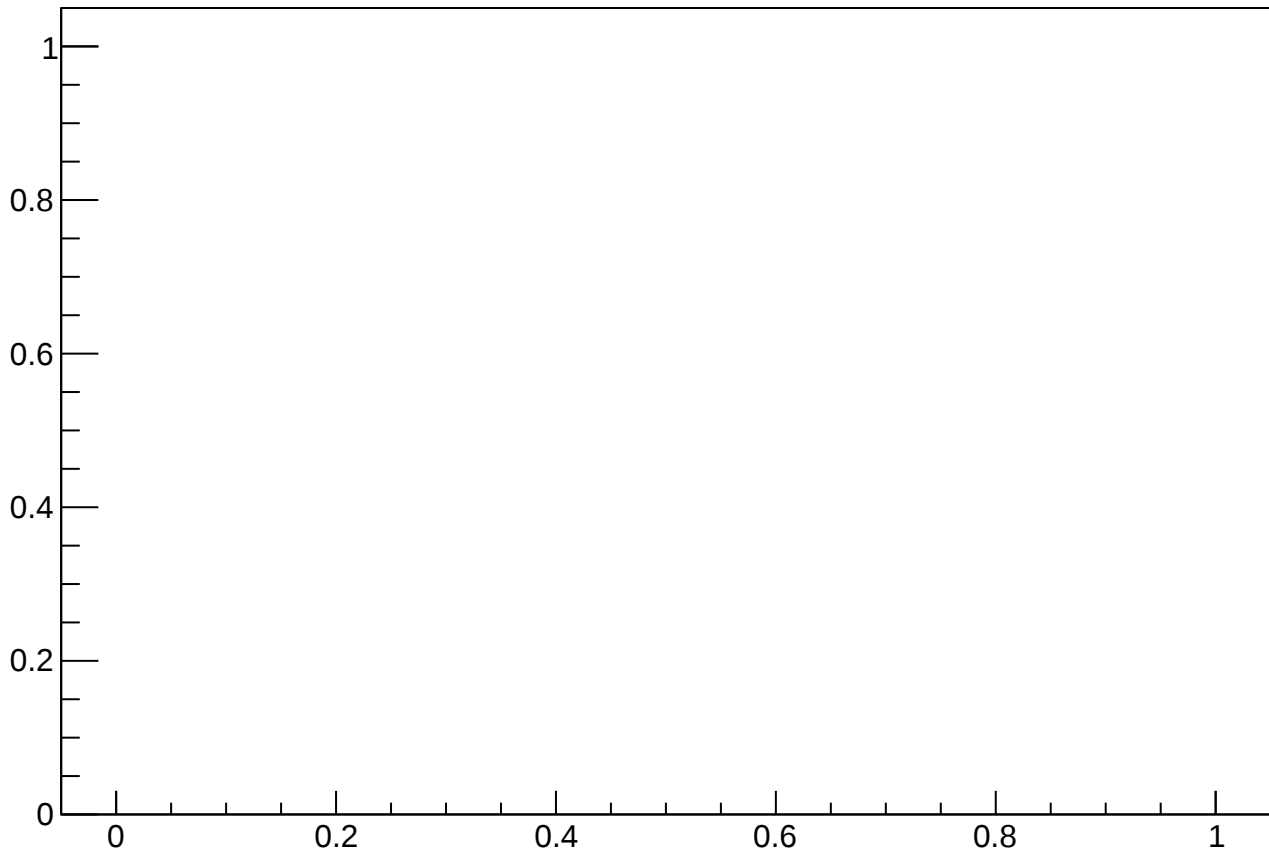
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

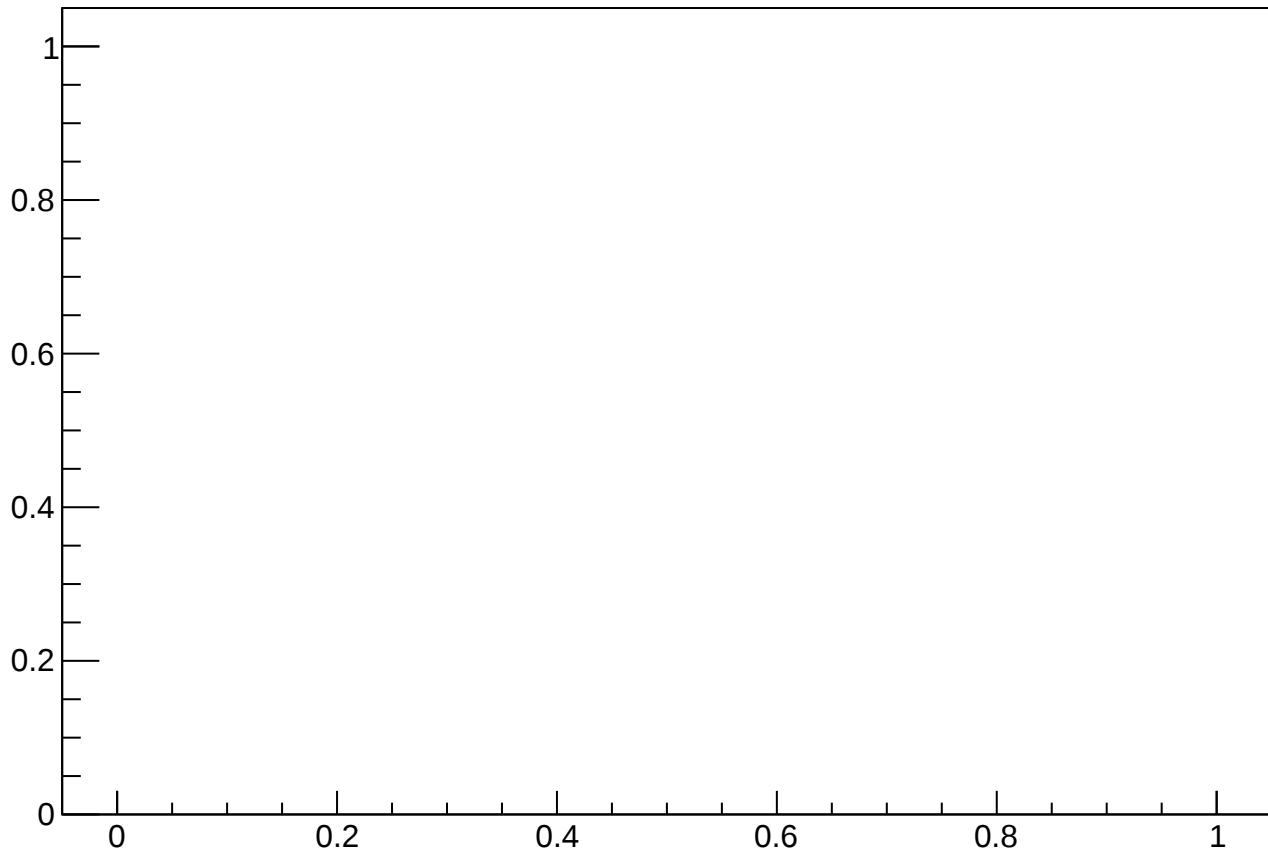
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

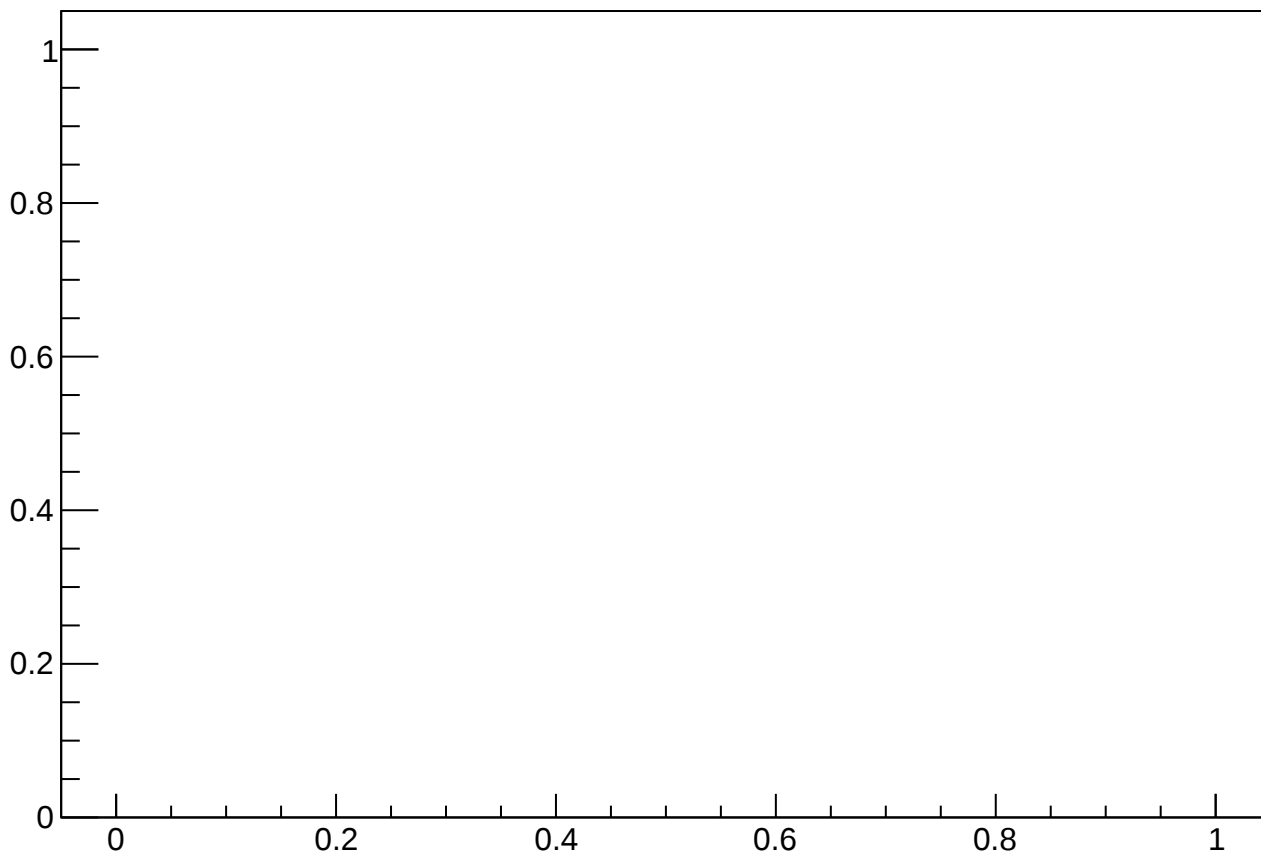
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

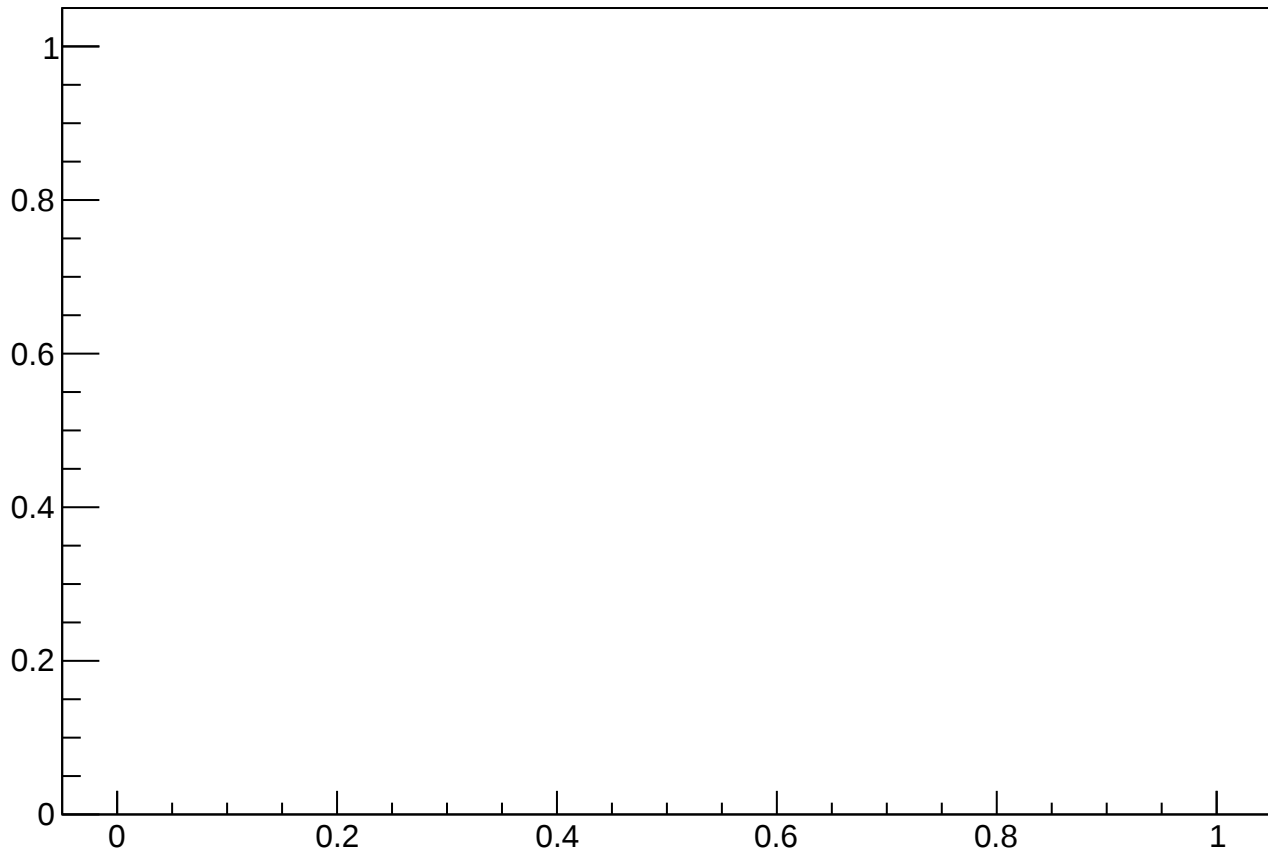
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

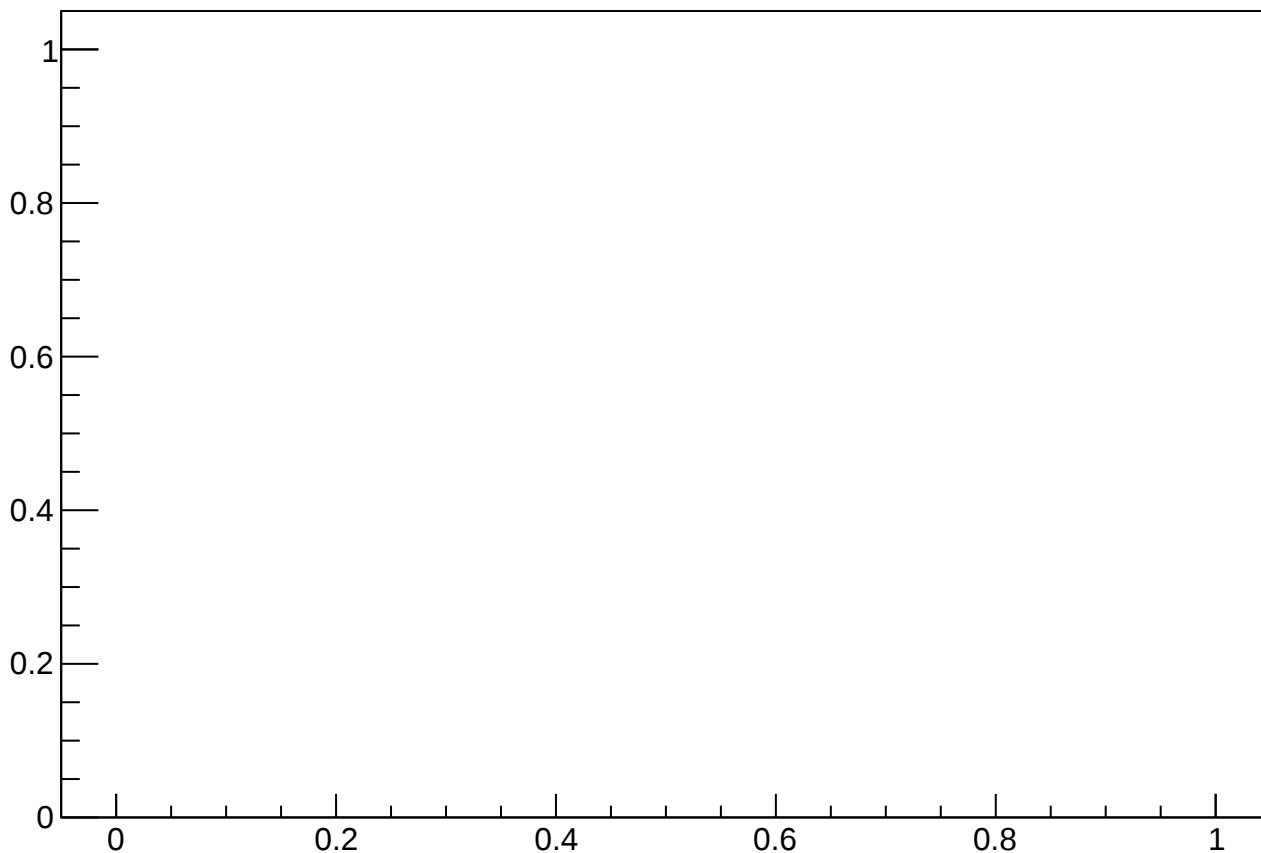
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

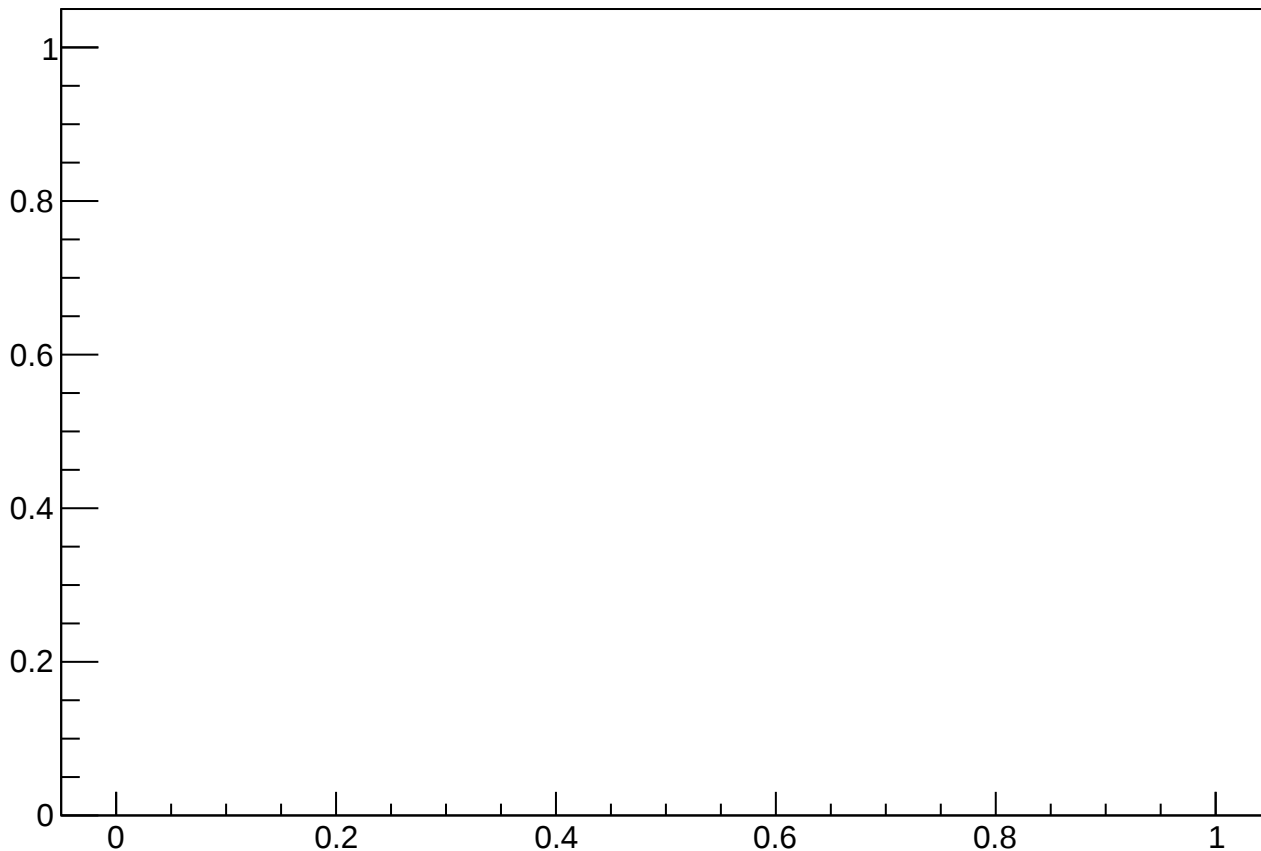
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

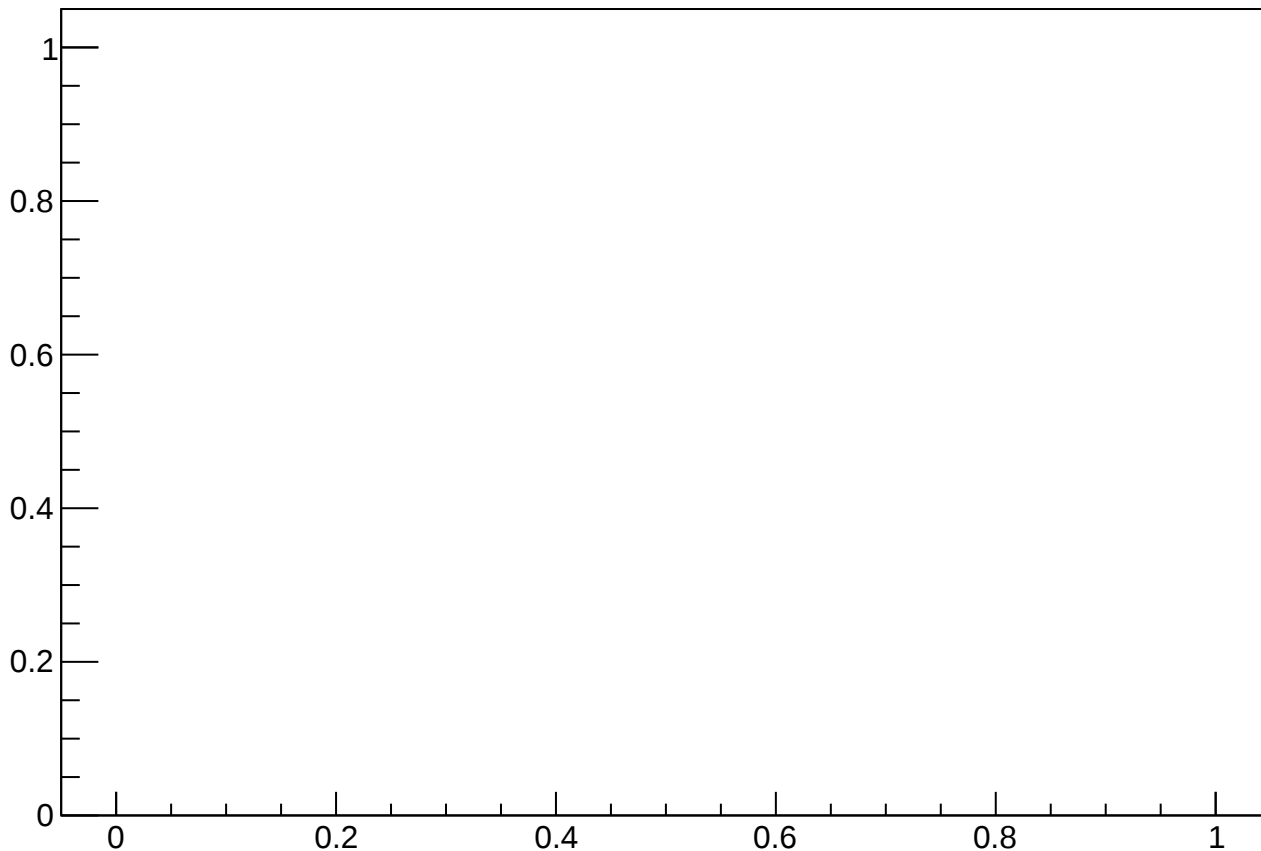
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

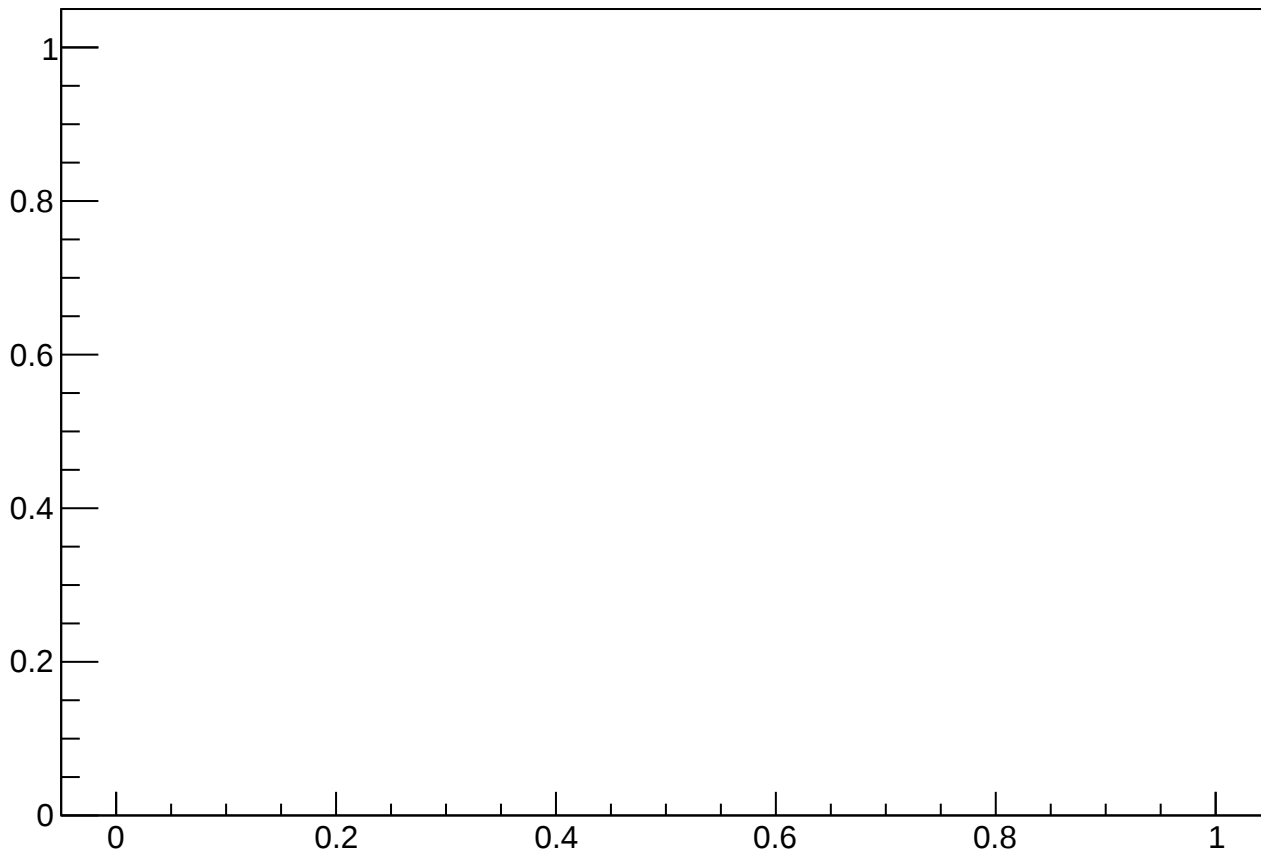
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

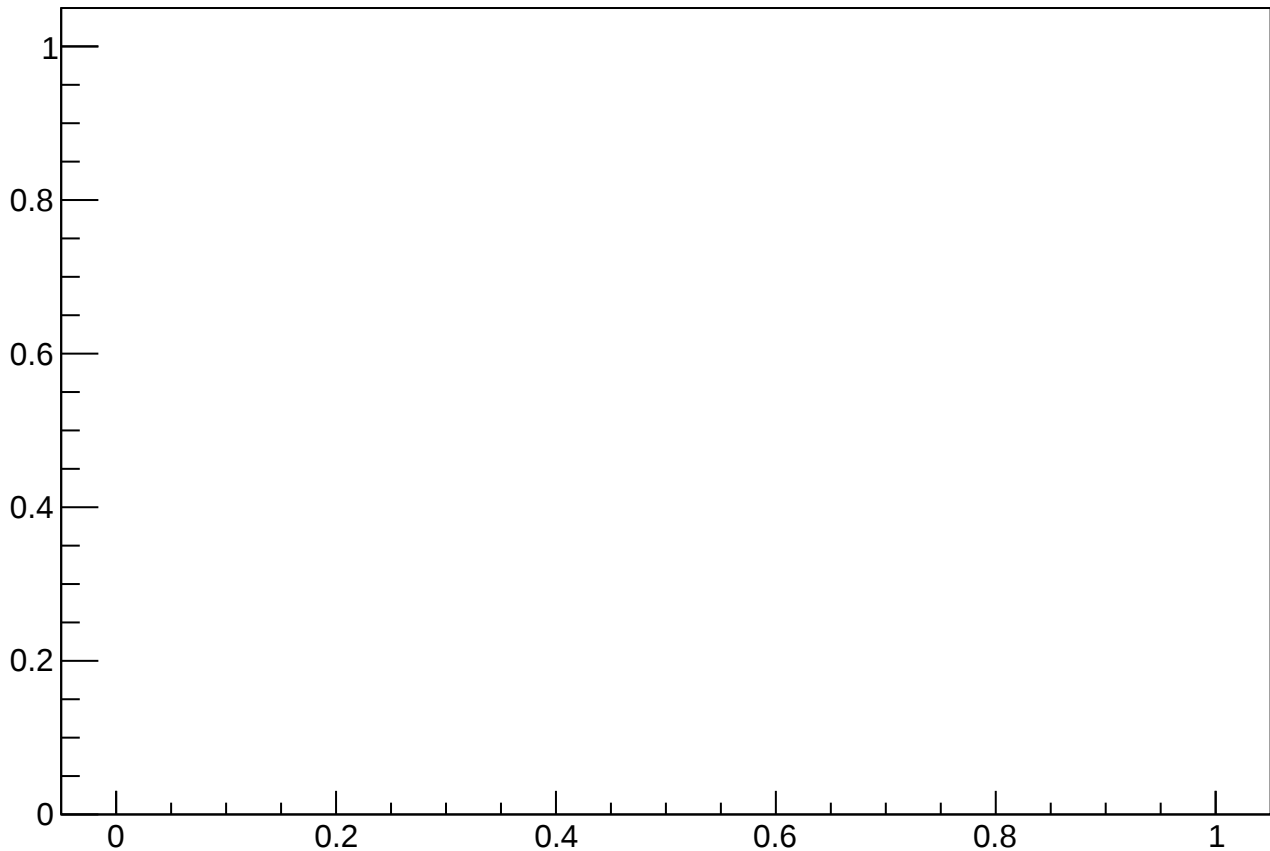
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

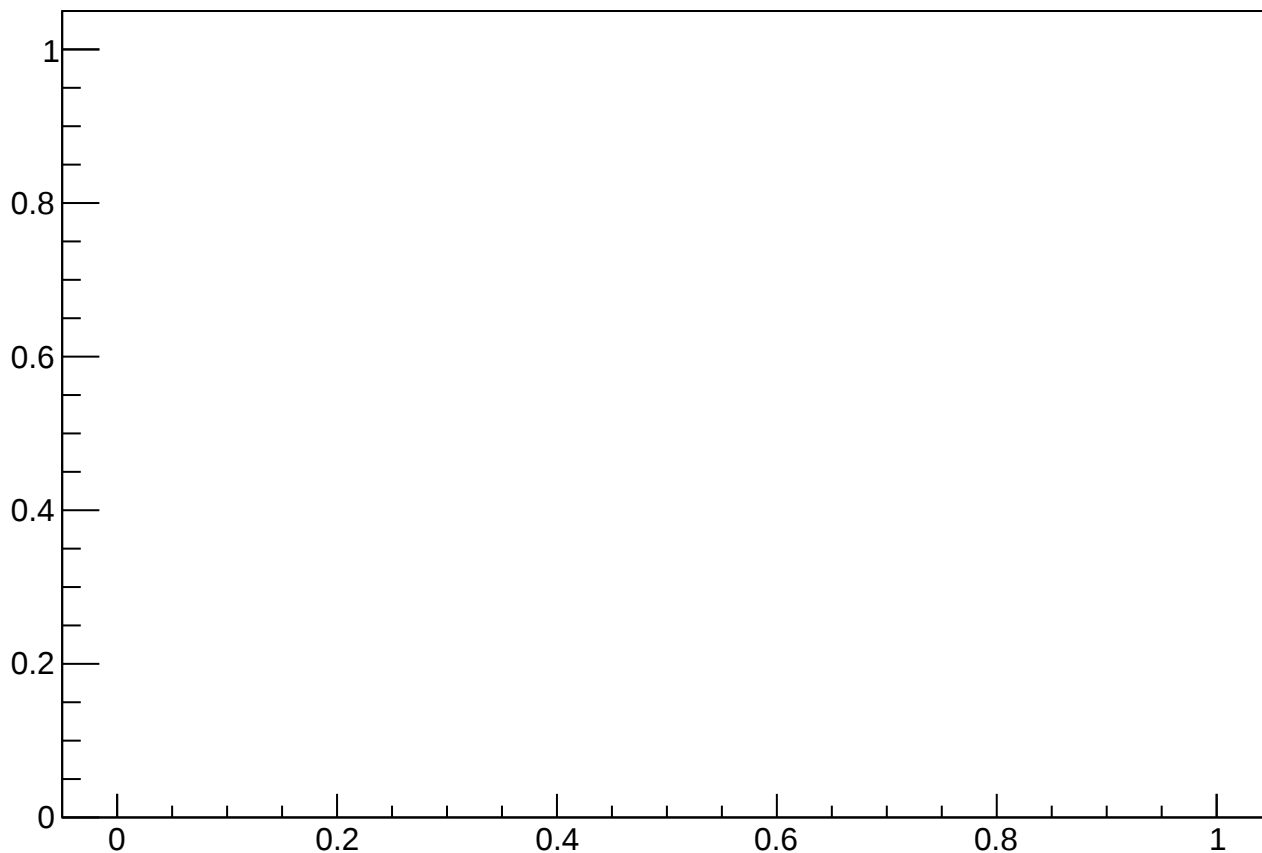
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

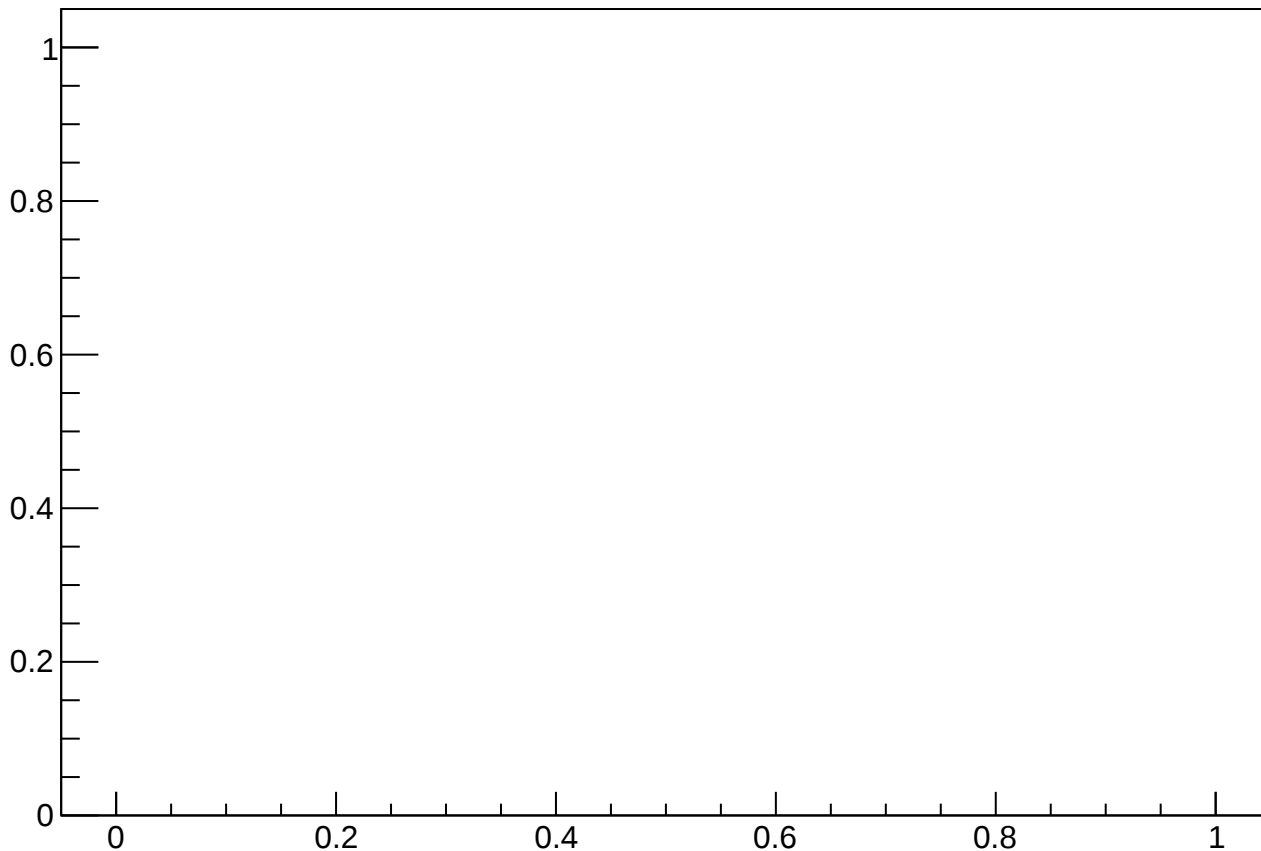
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

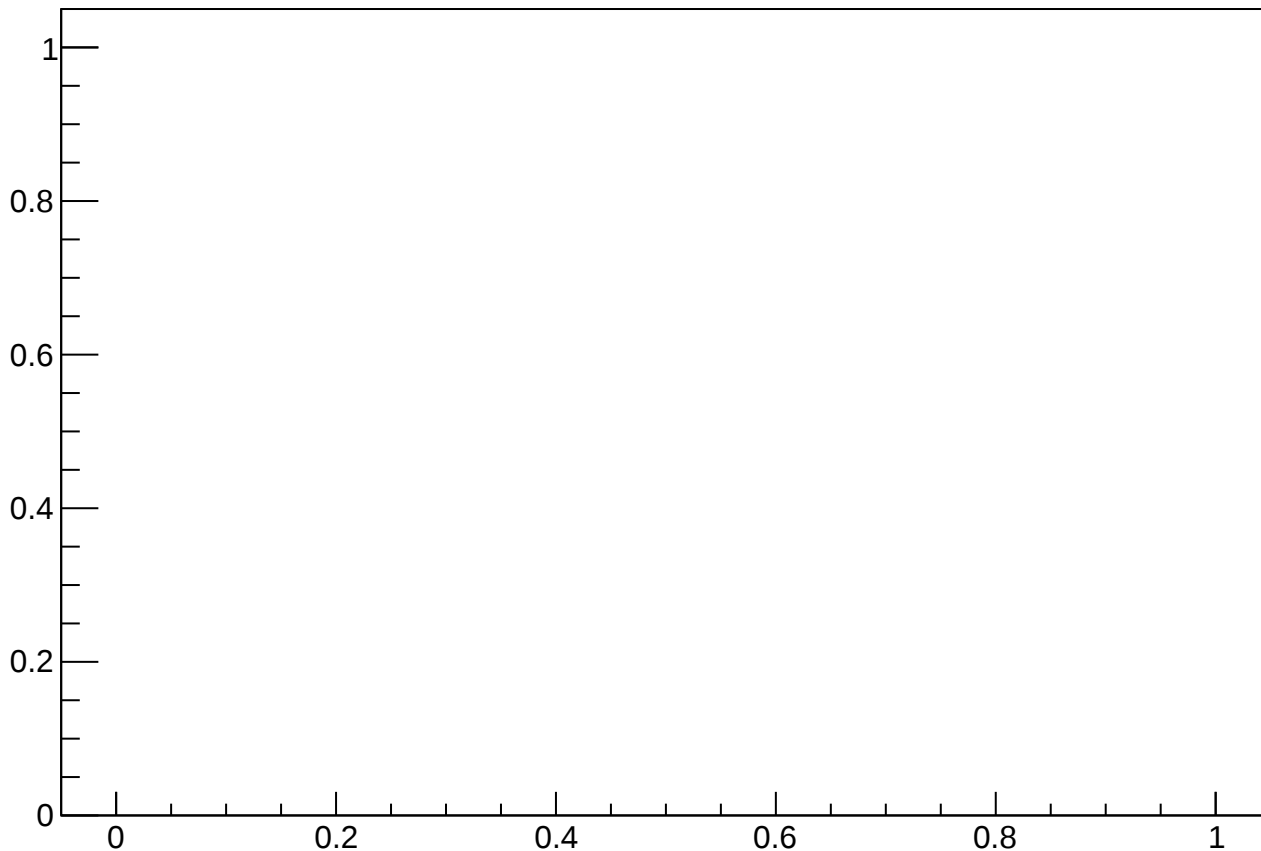
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

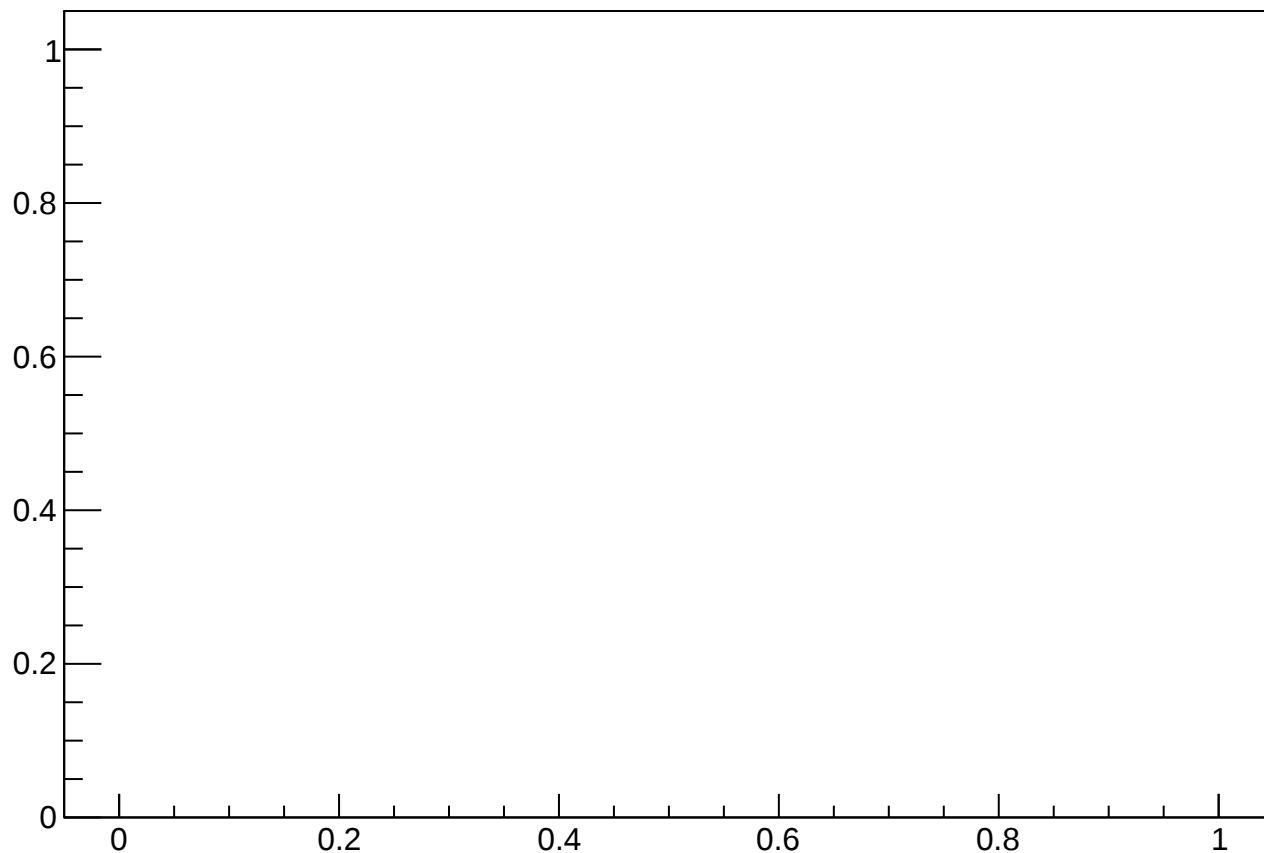
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

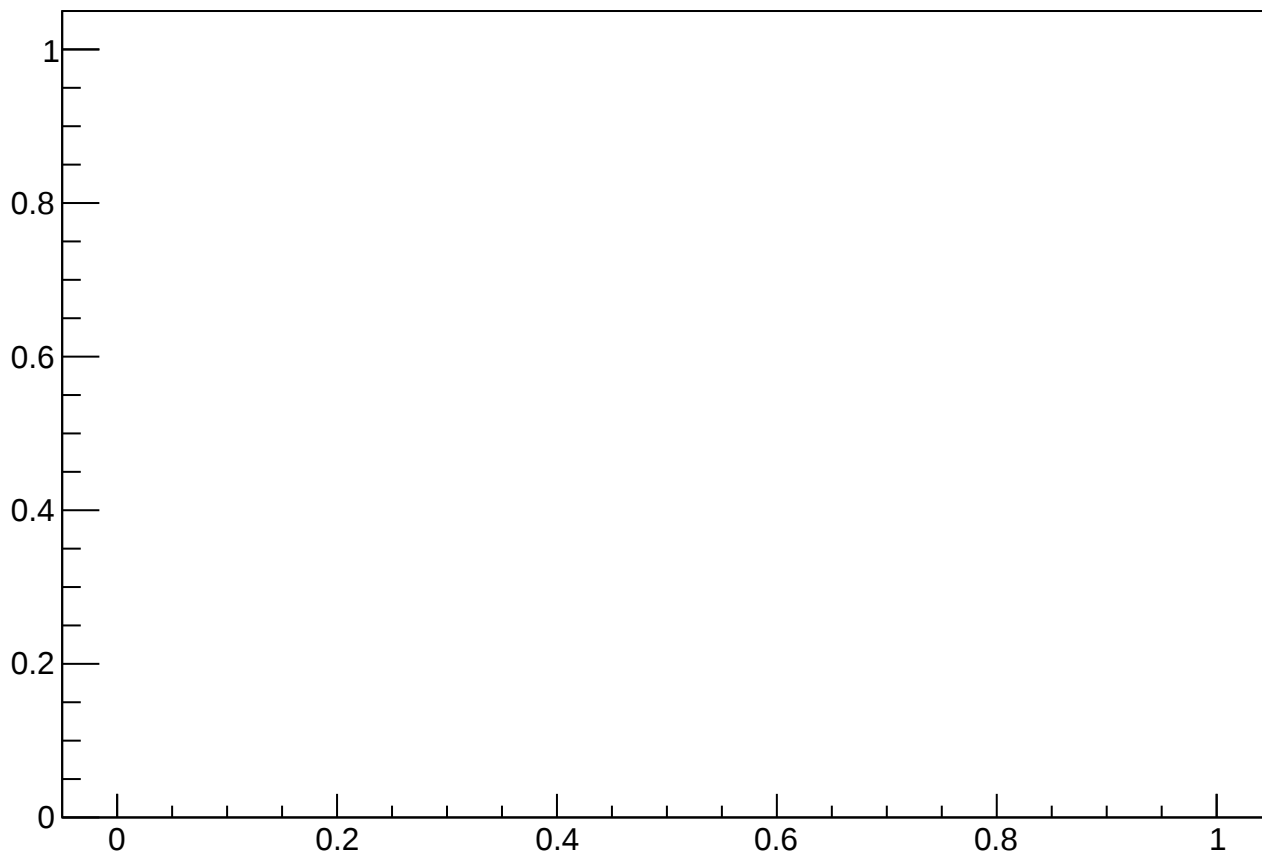
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

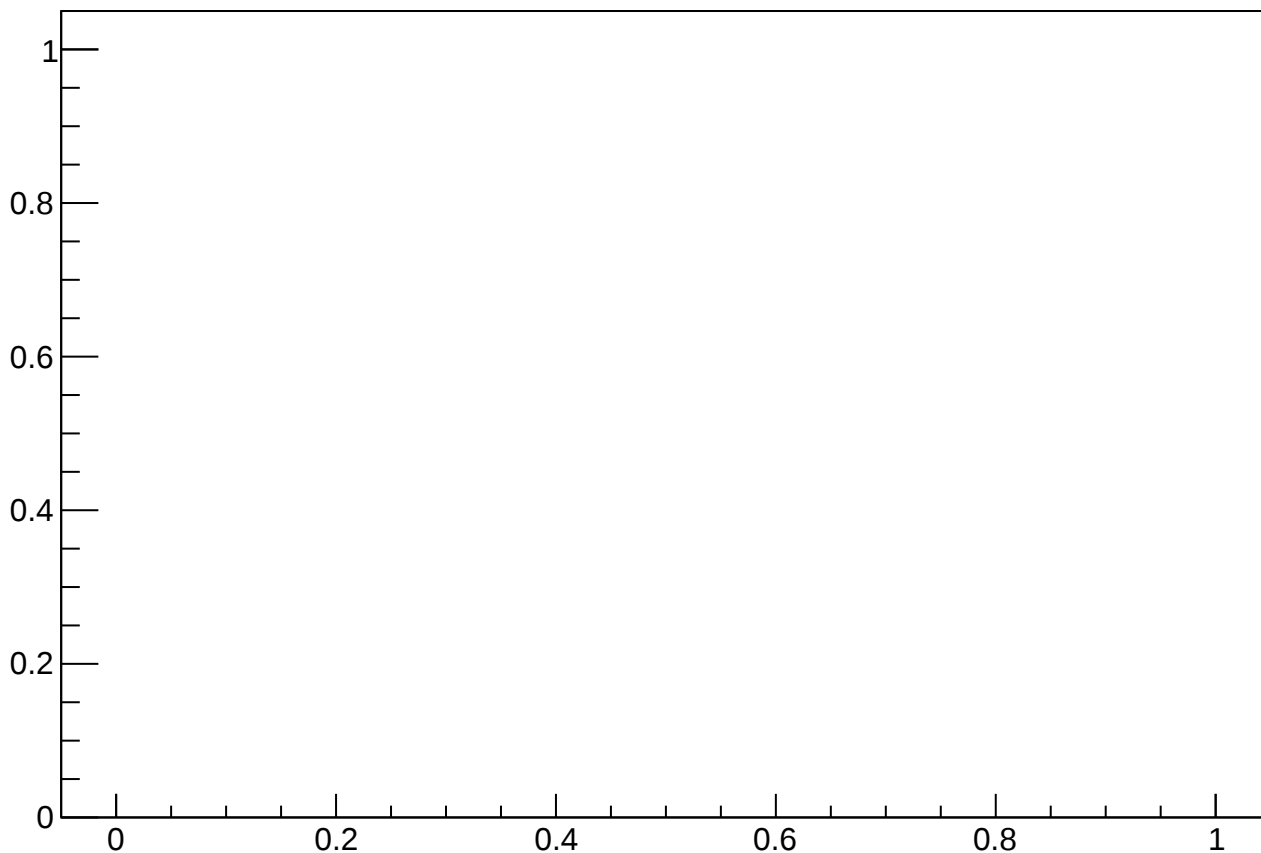
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

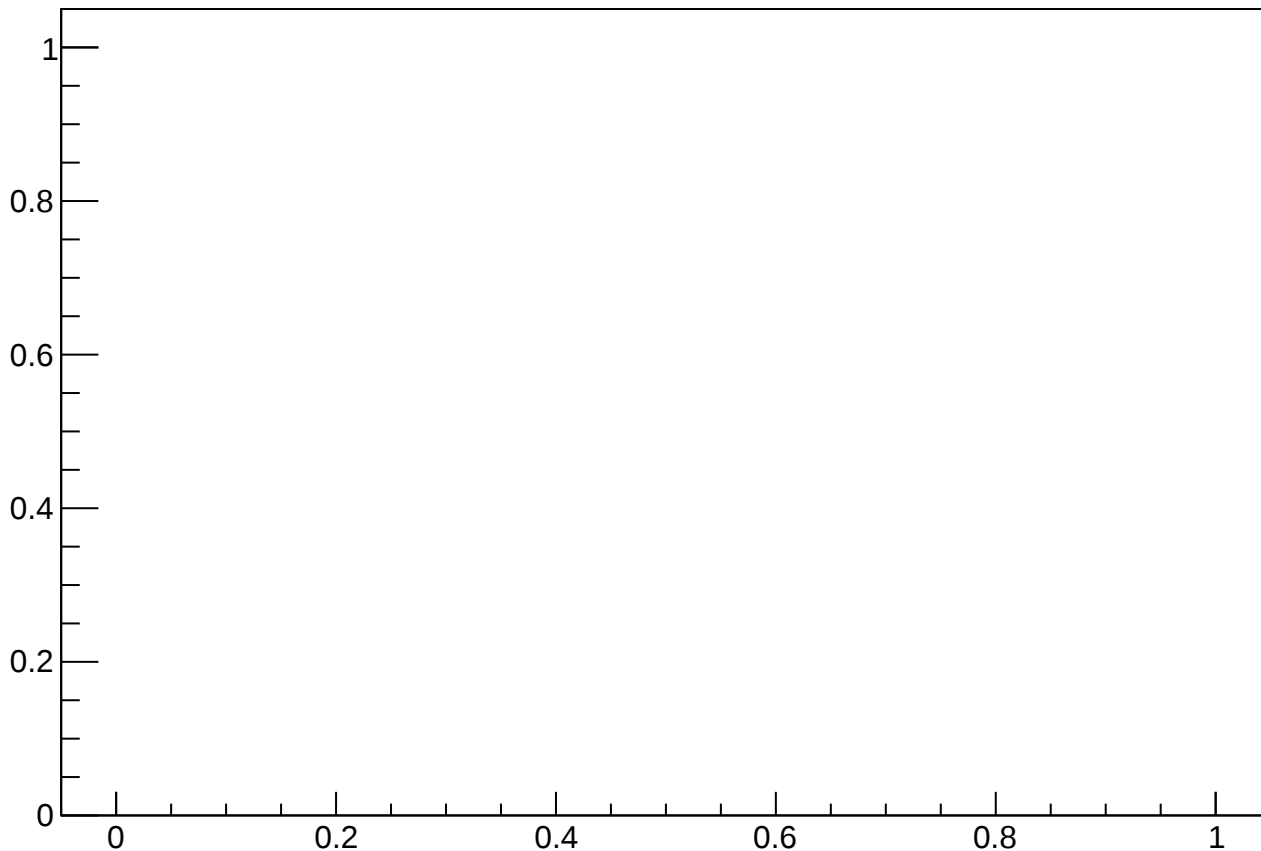
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

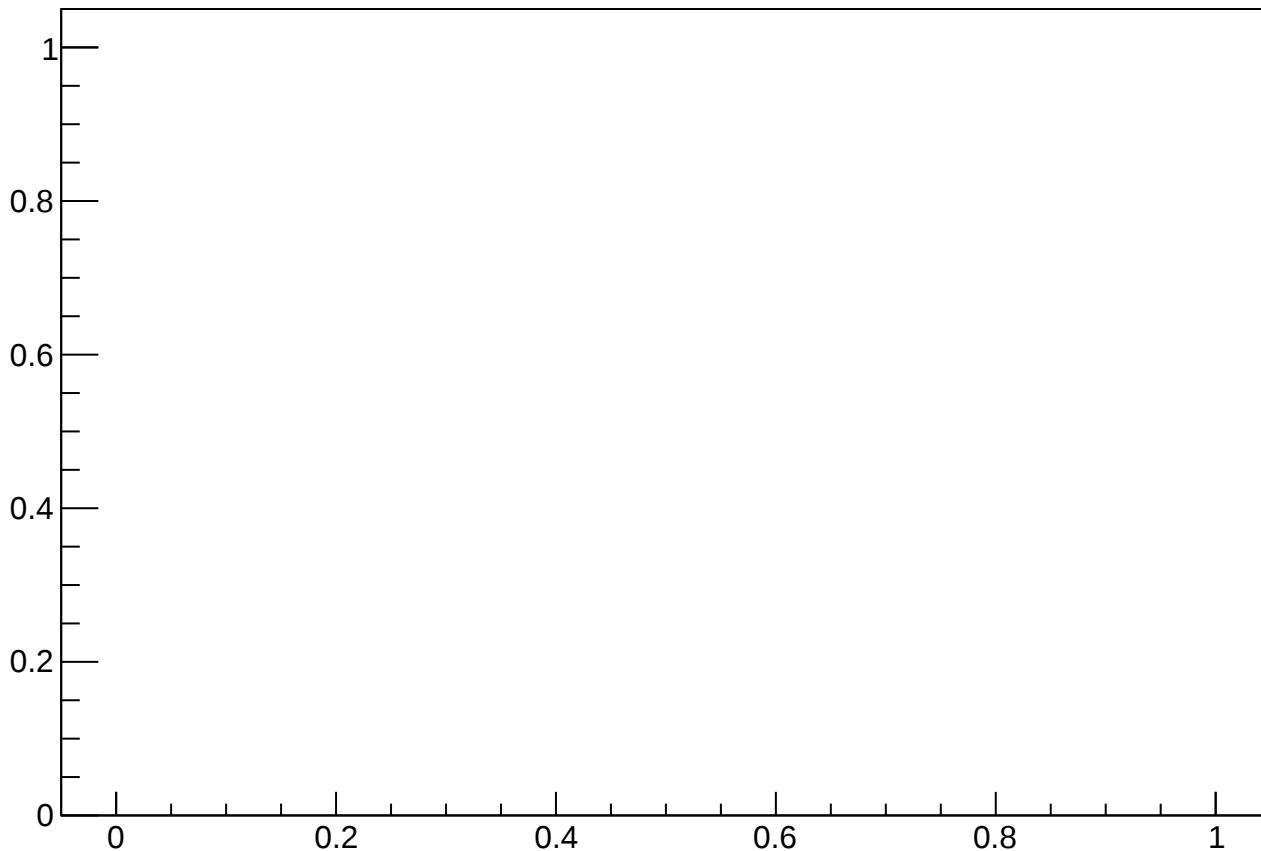
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

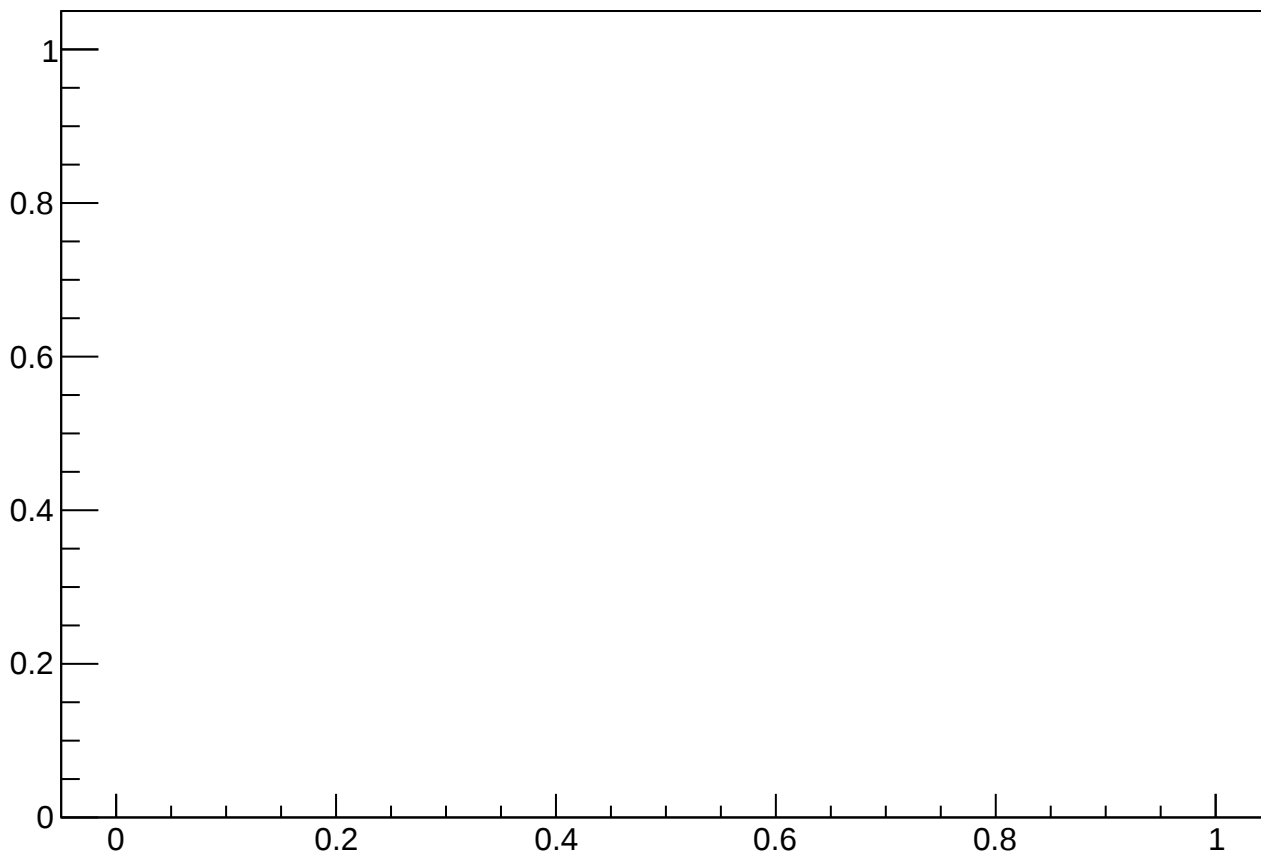
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

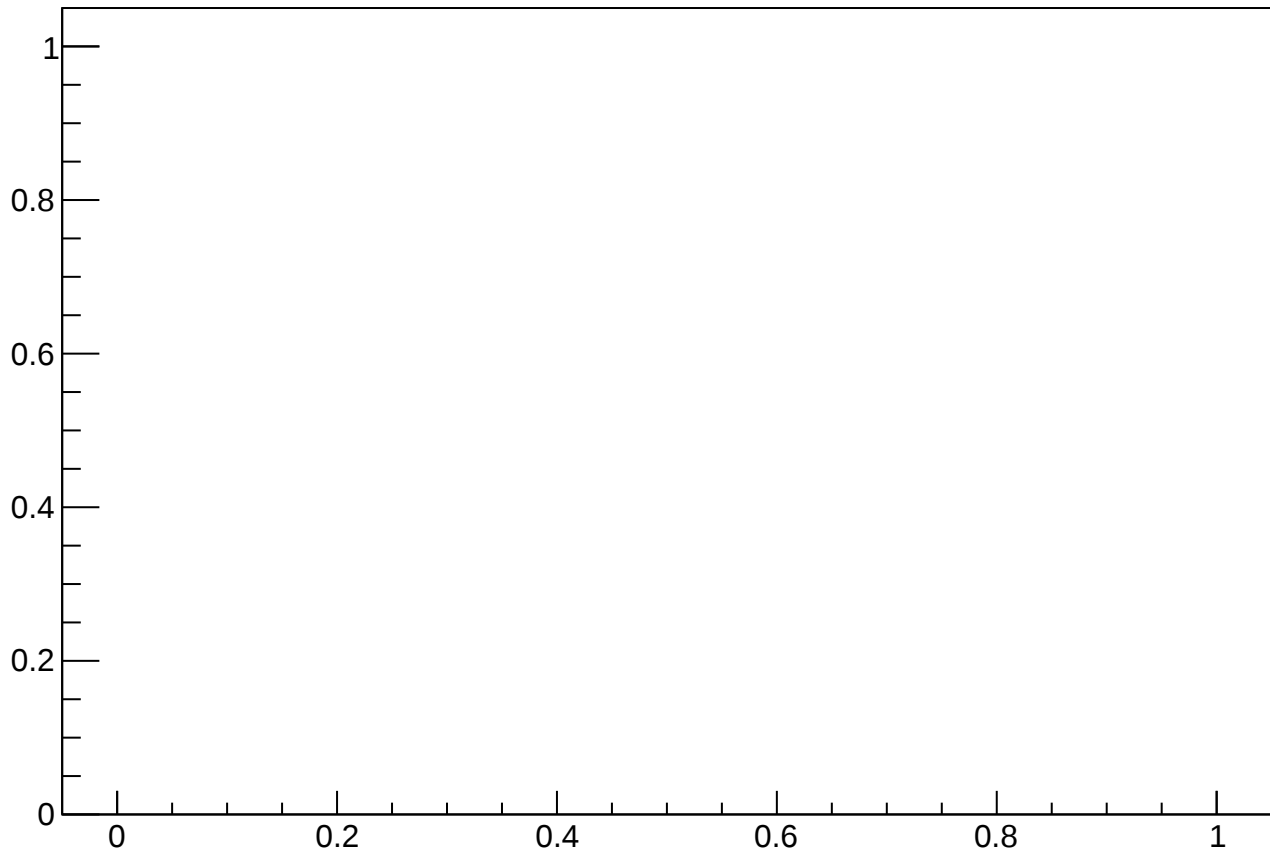
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

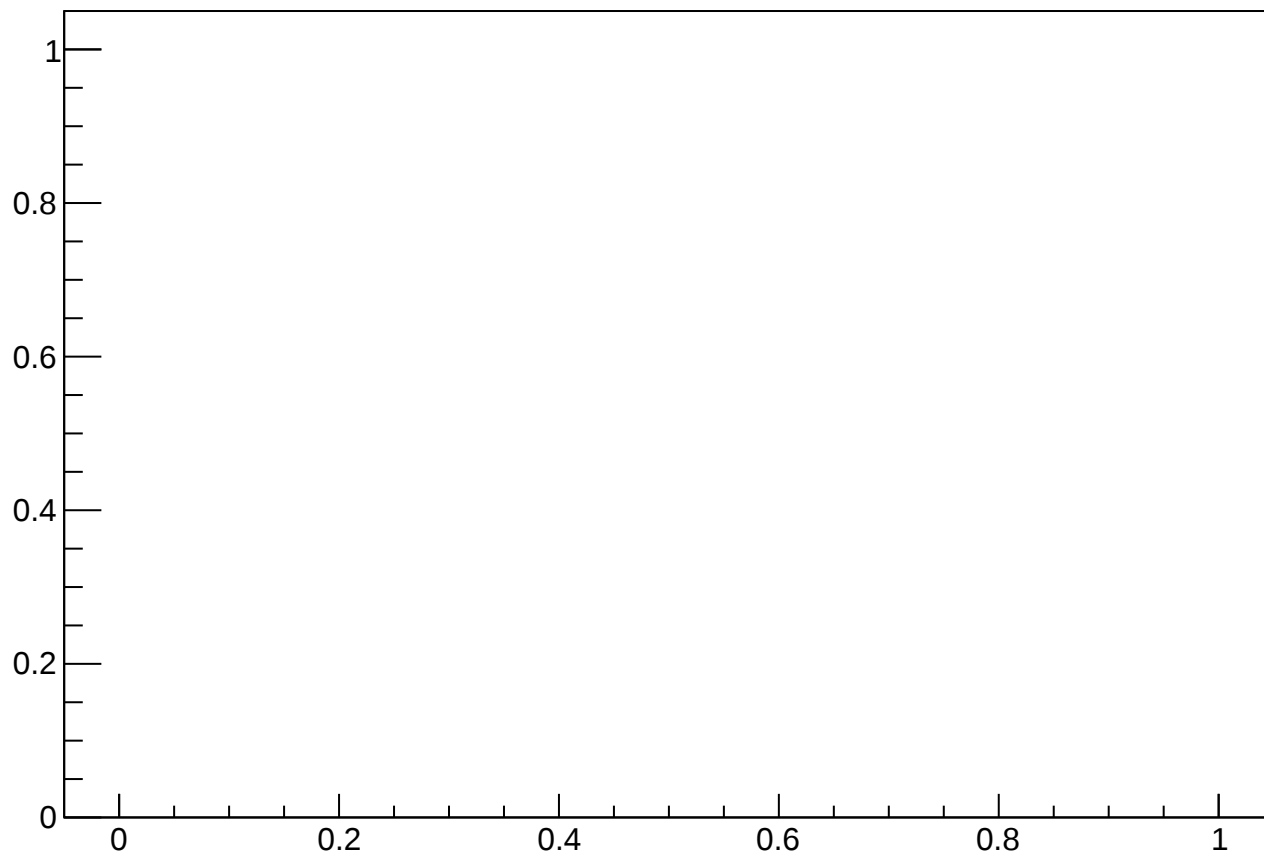
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

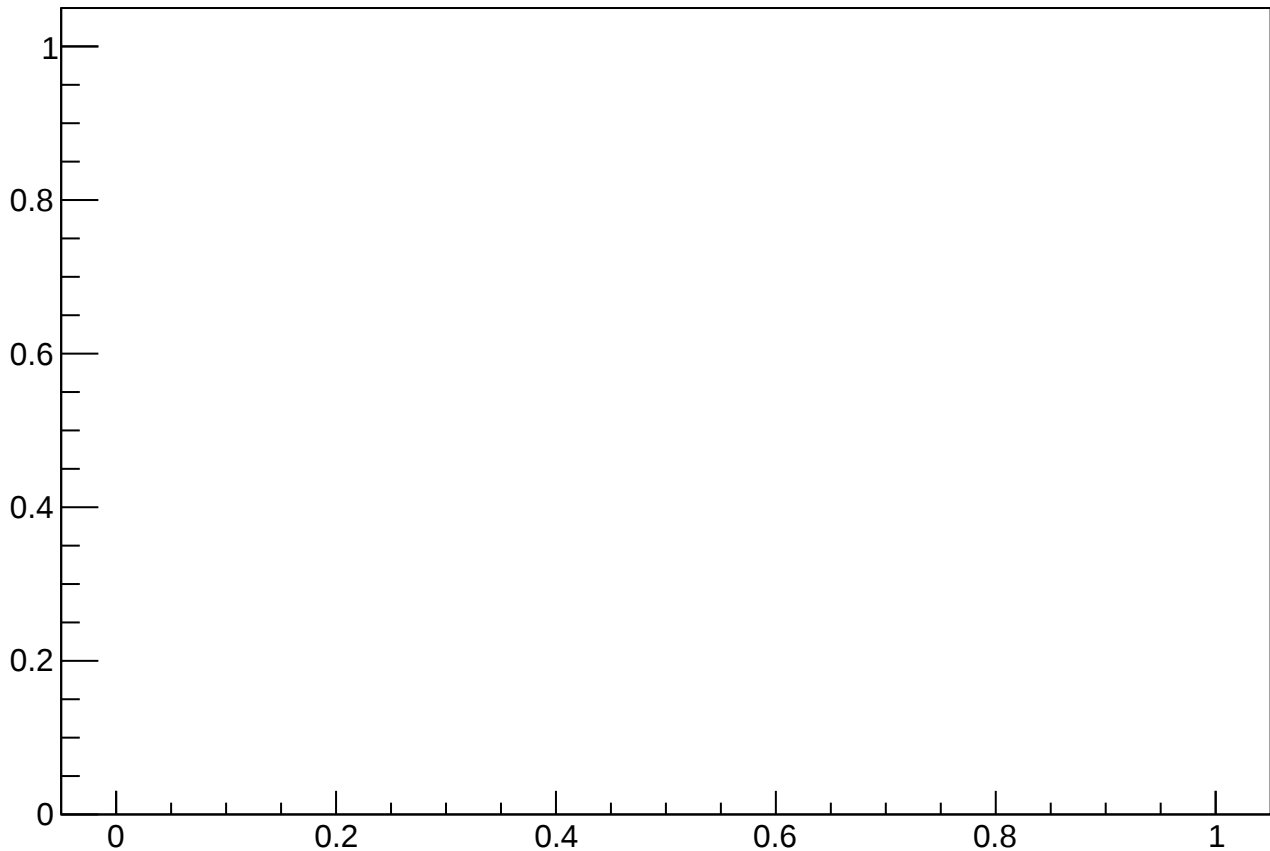
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

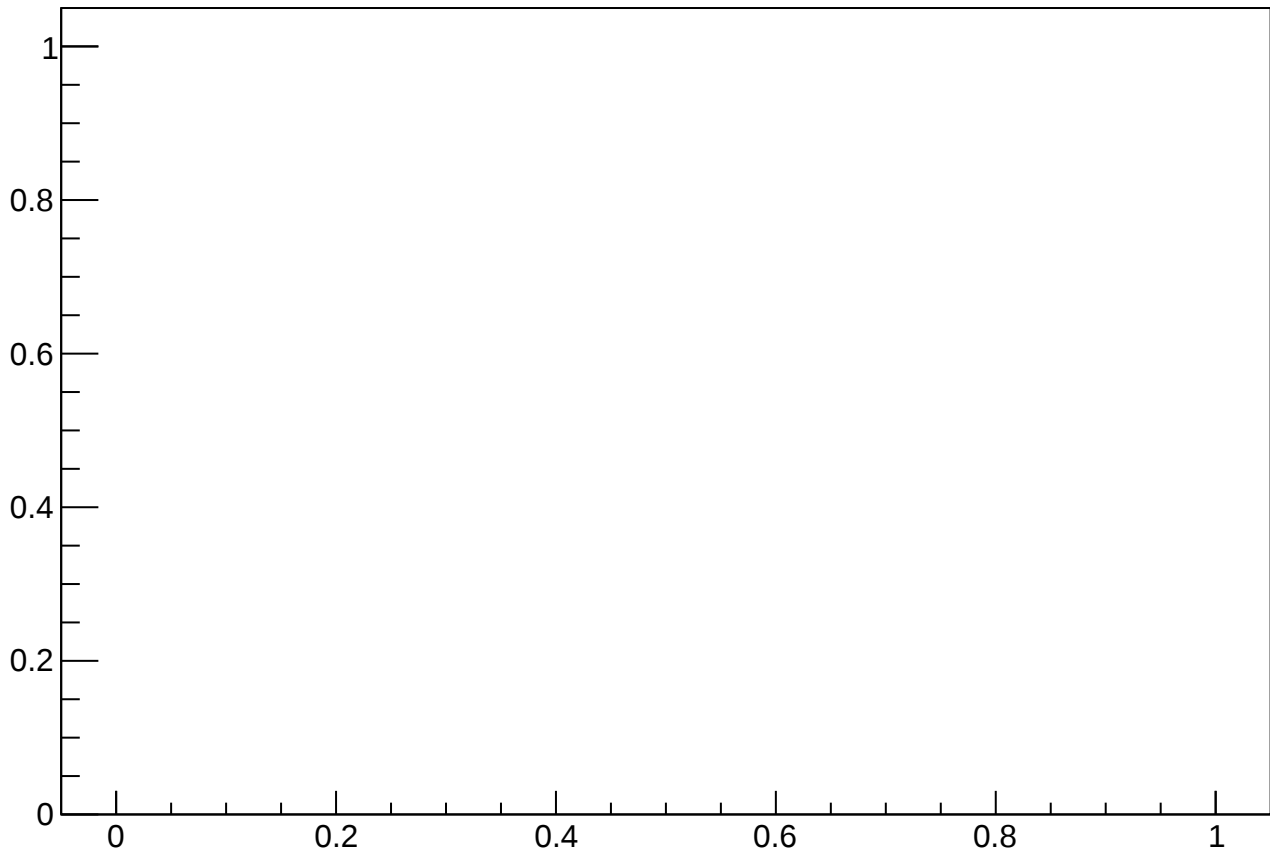
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

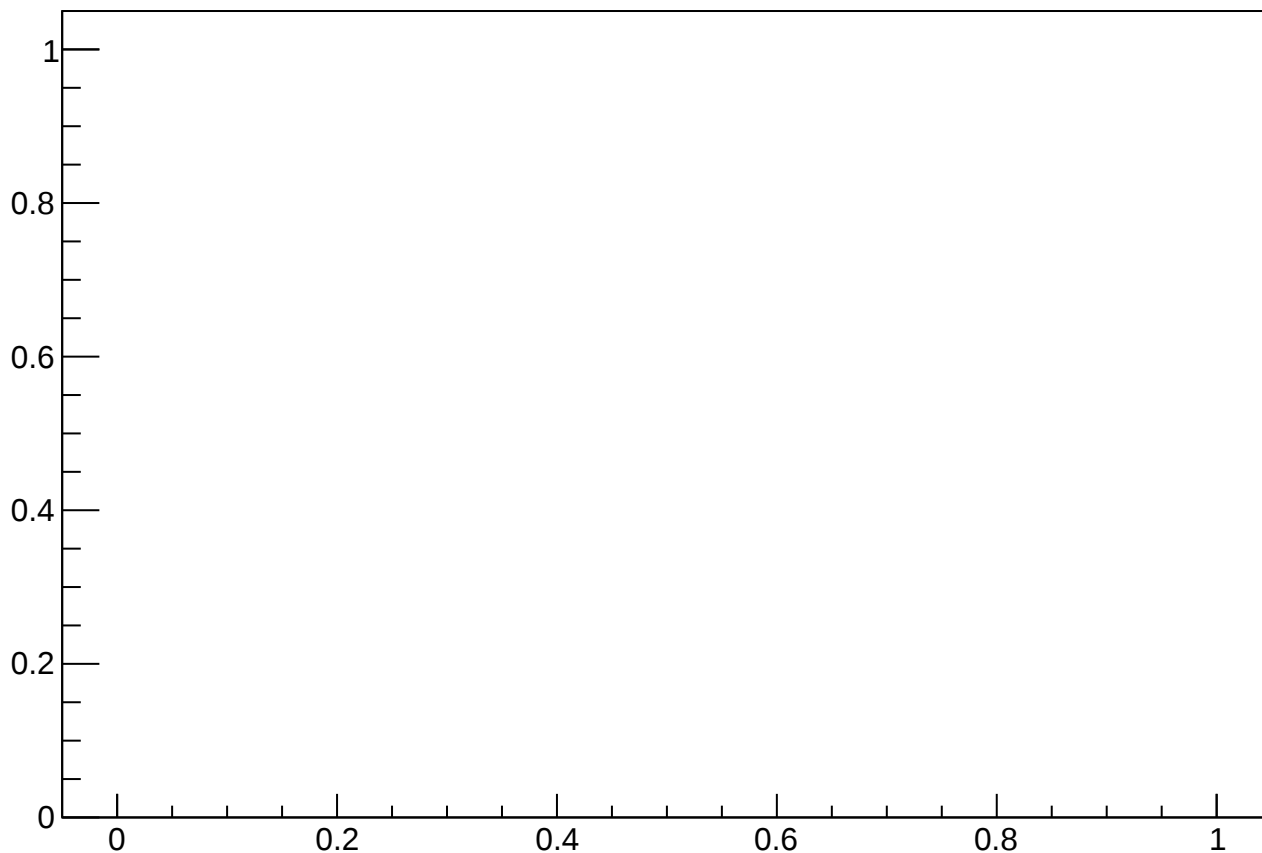
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

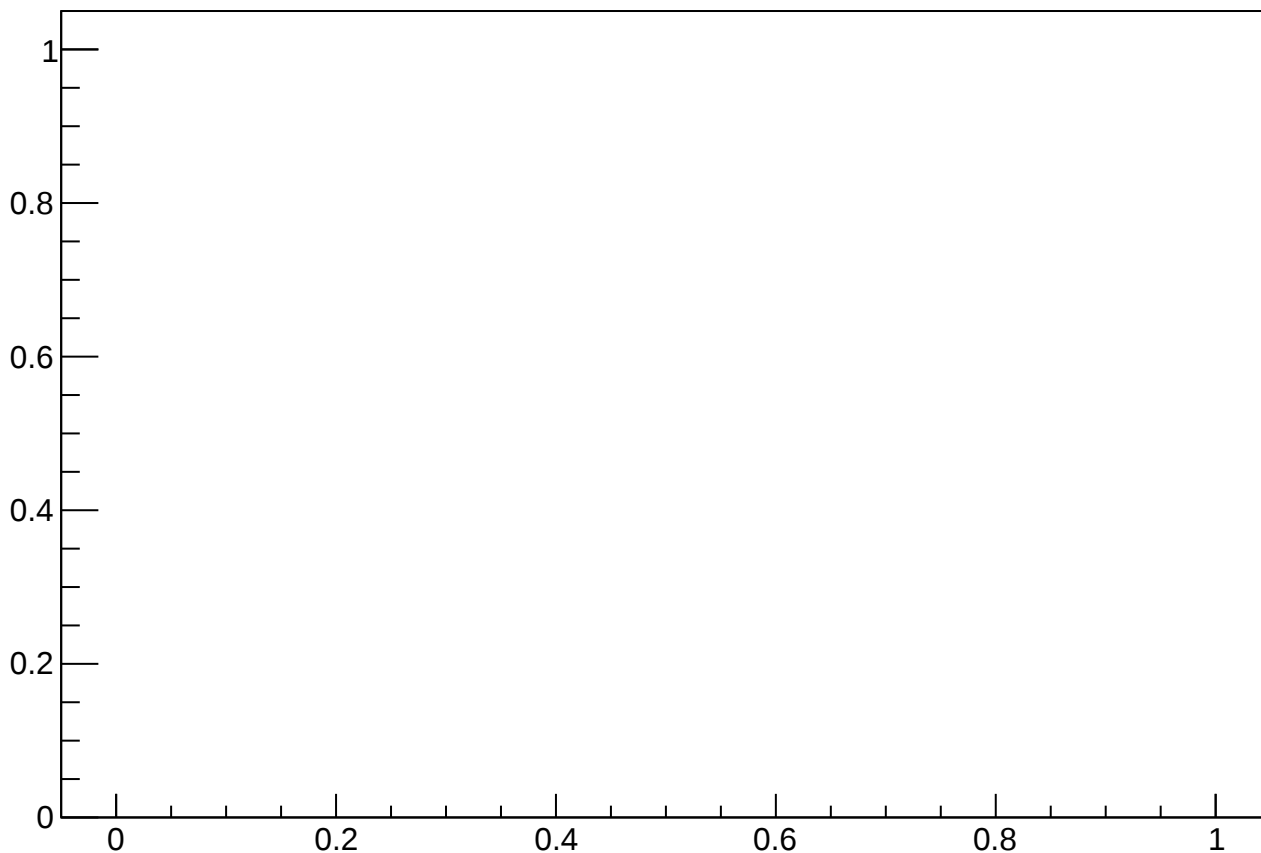
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

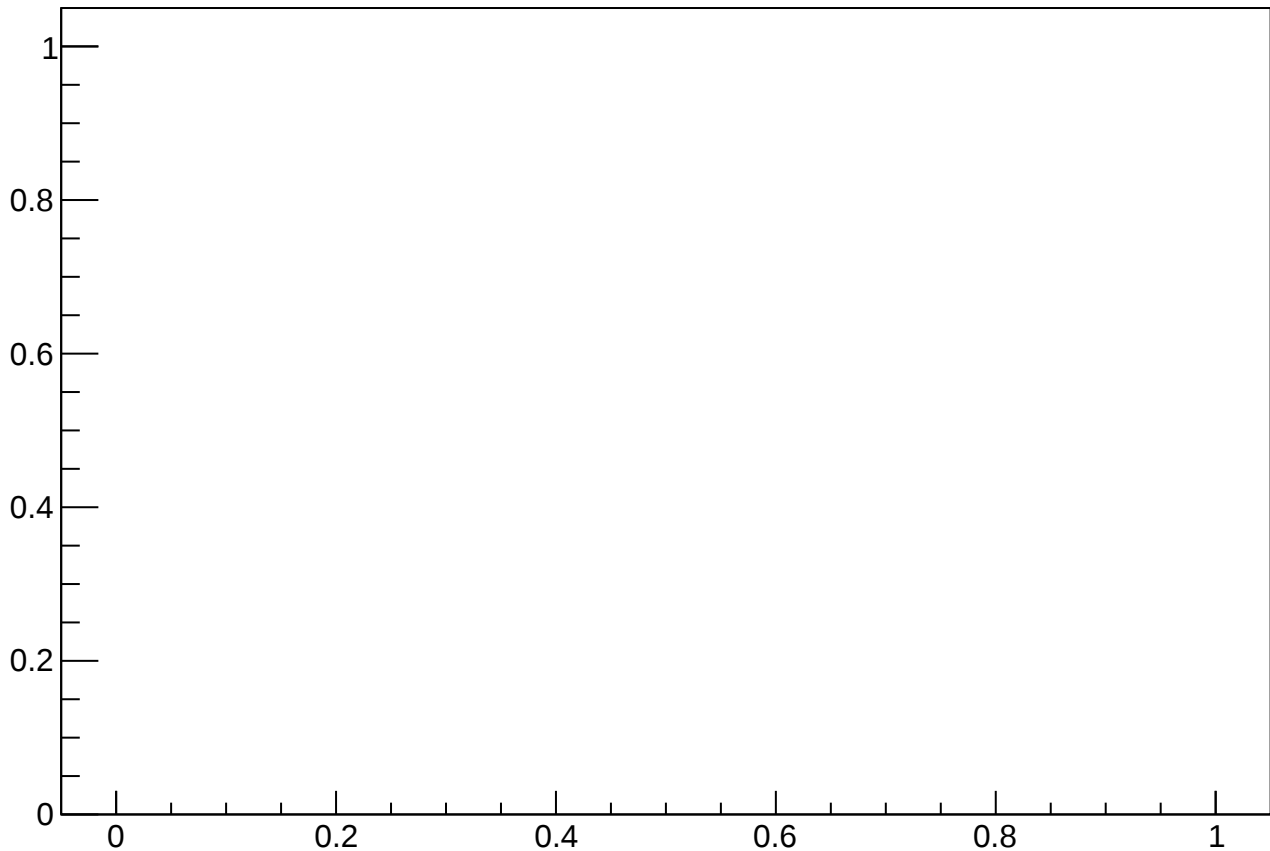
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

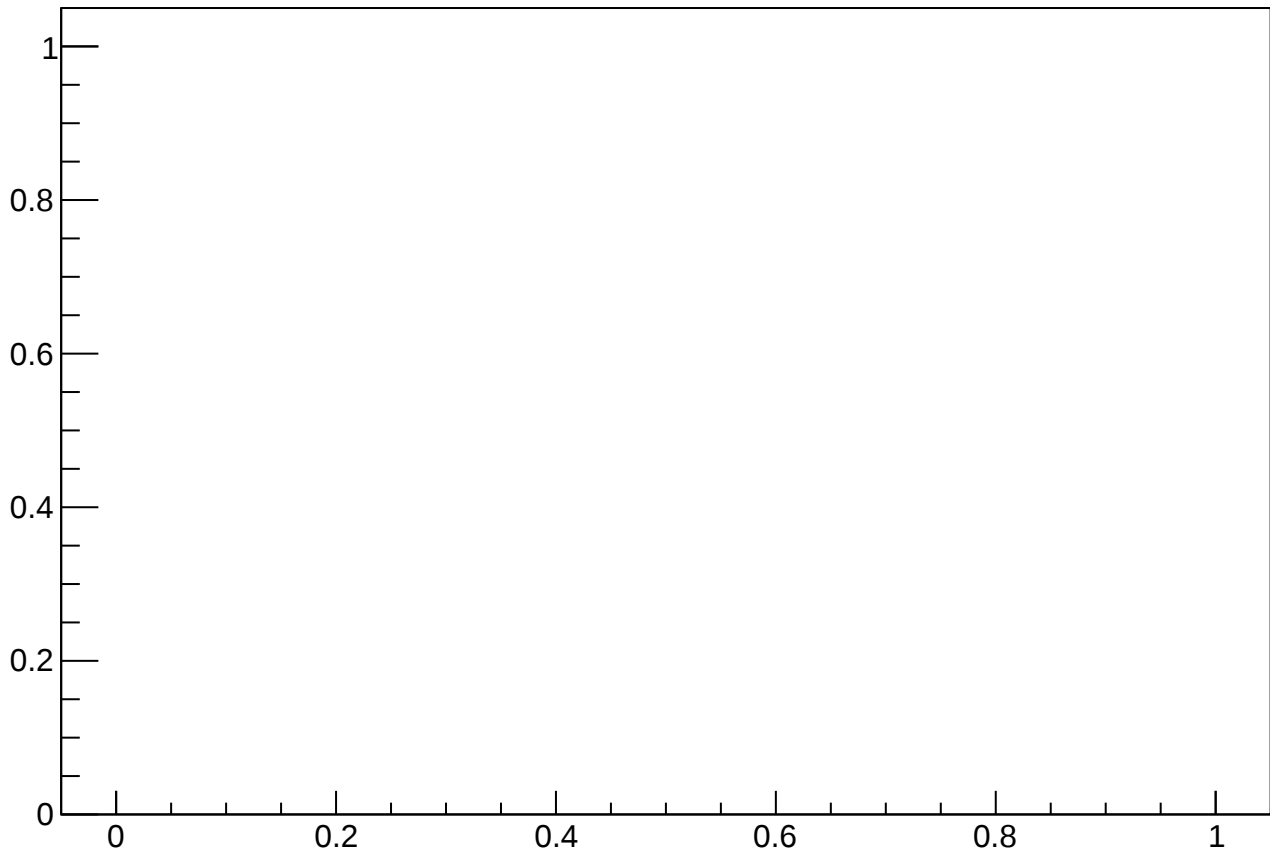
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

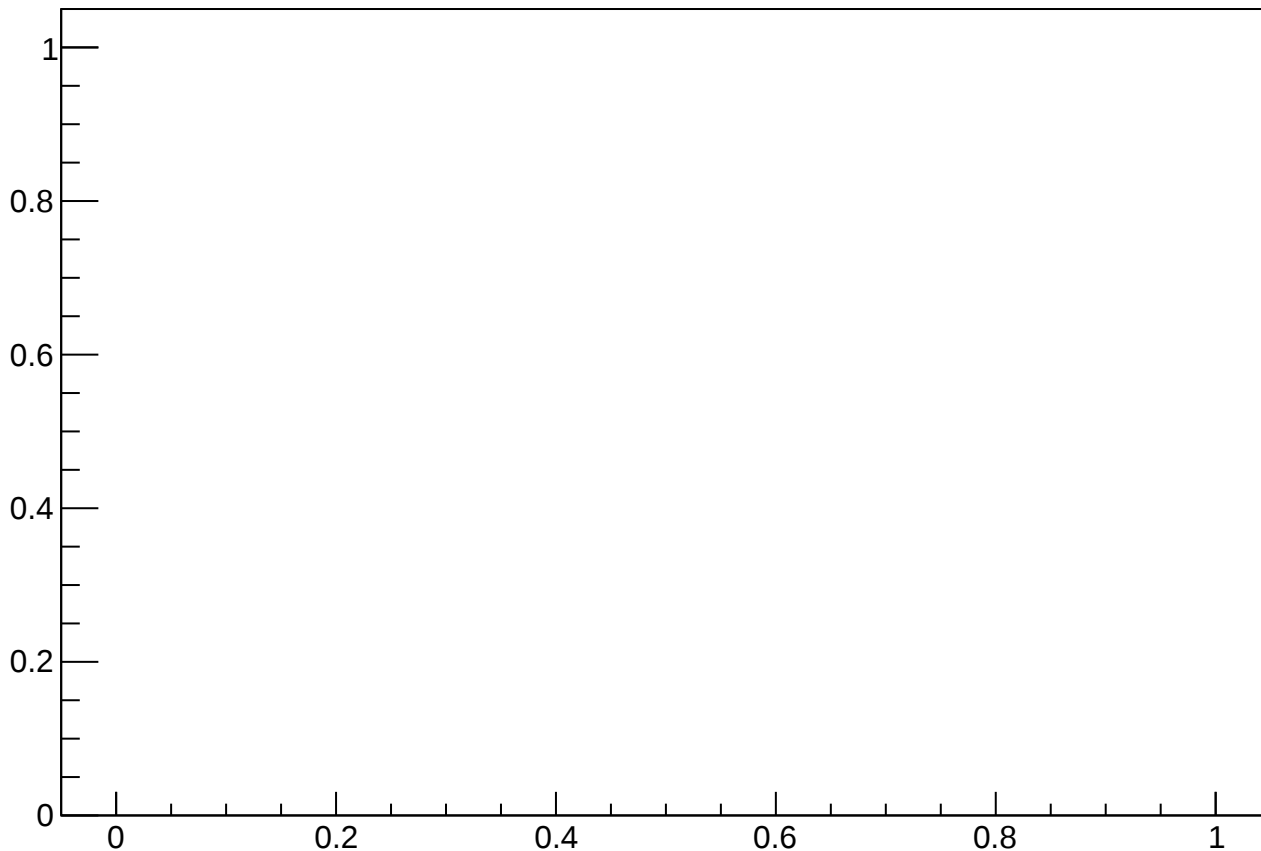
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

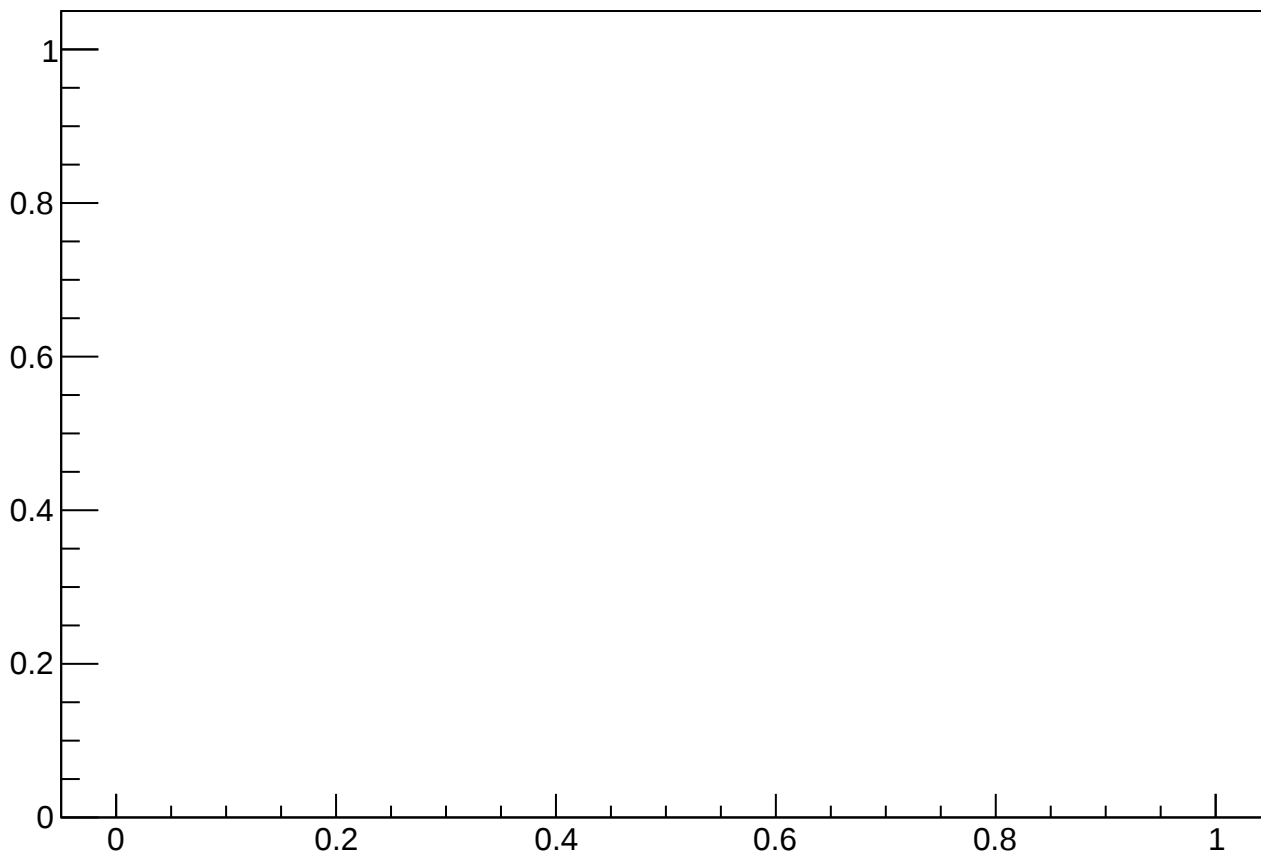
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

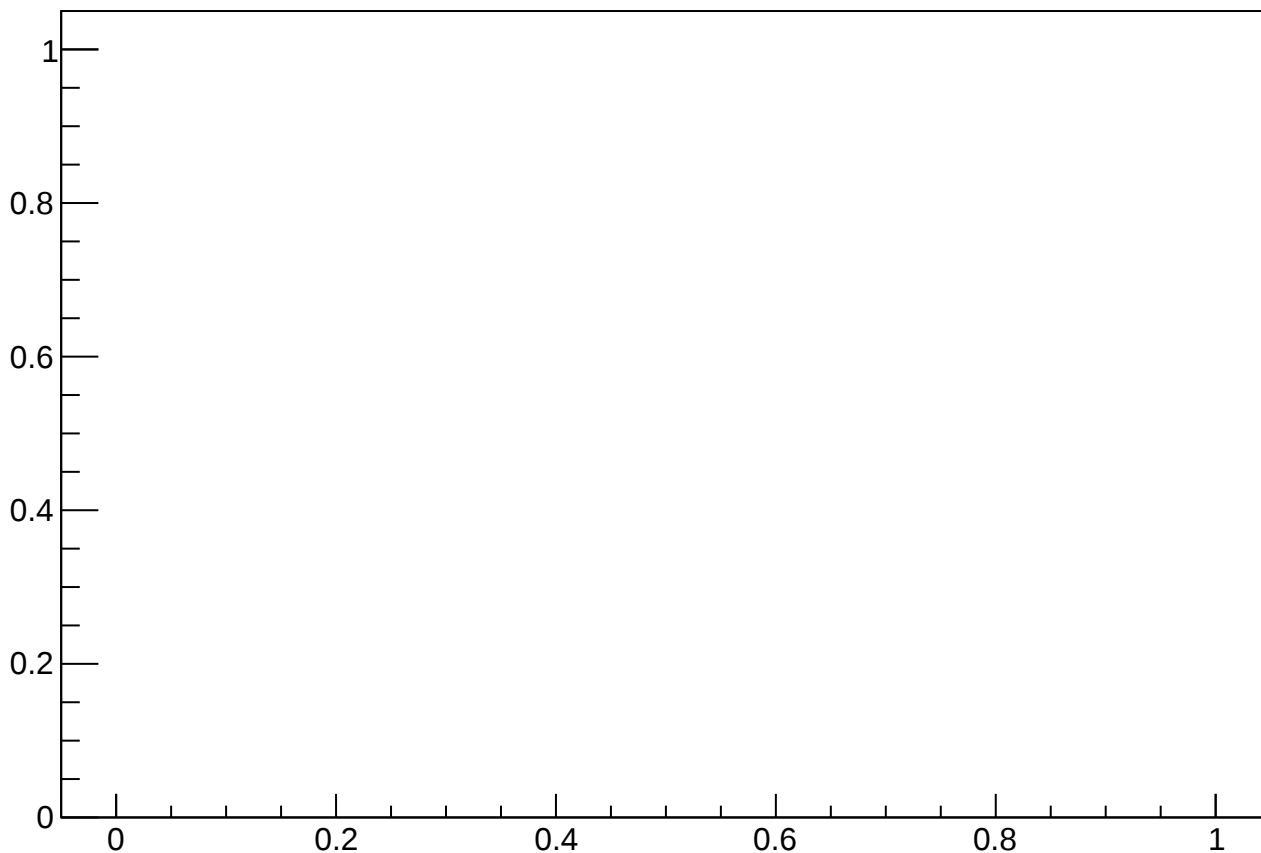
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

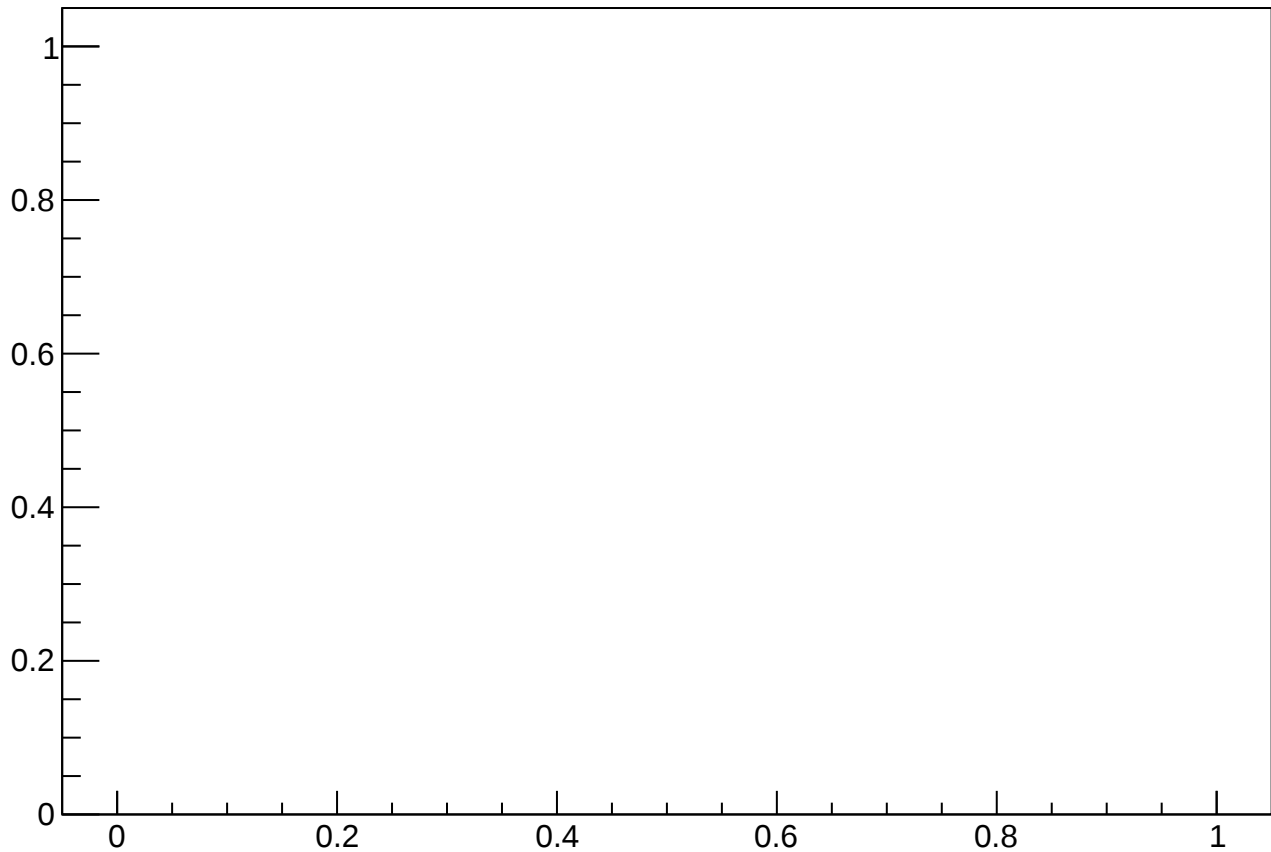
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

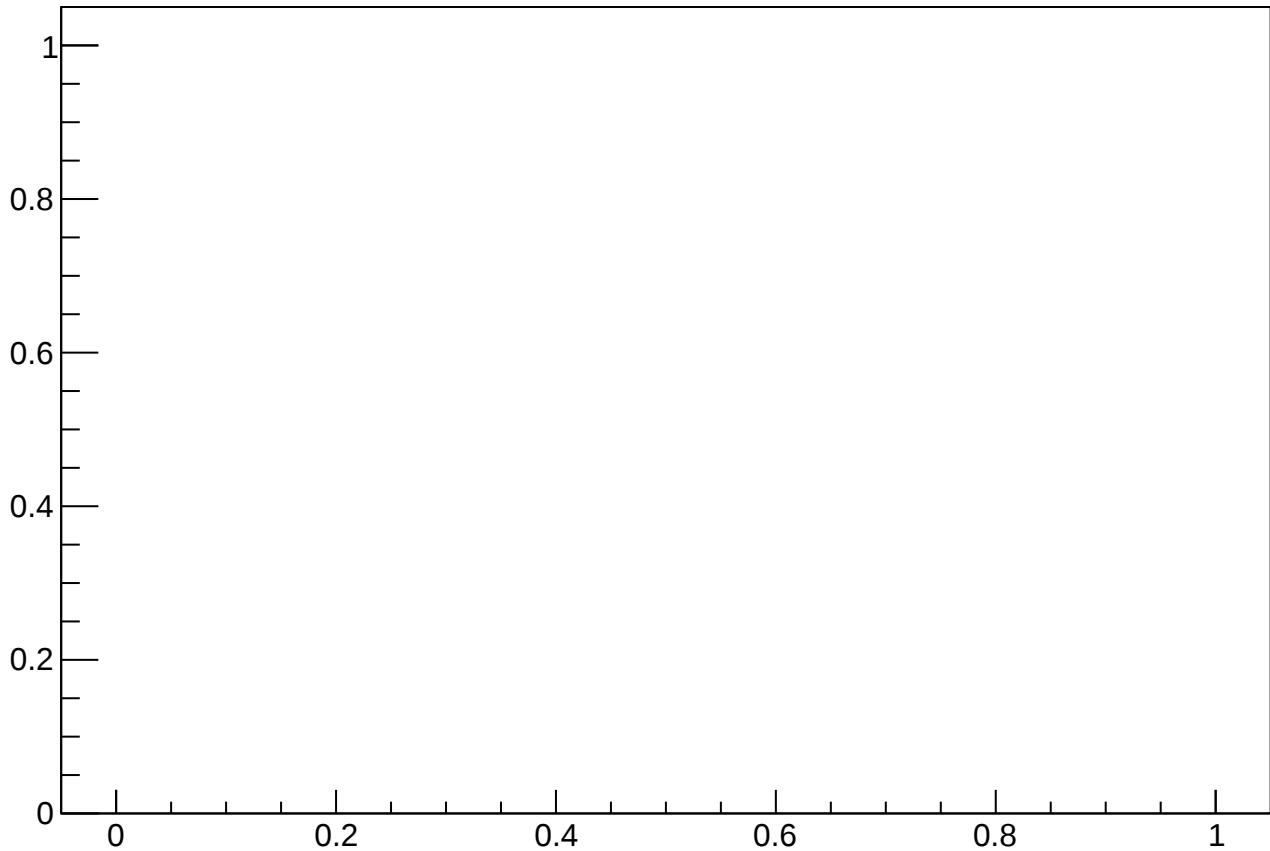
dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

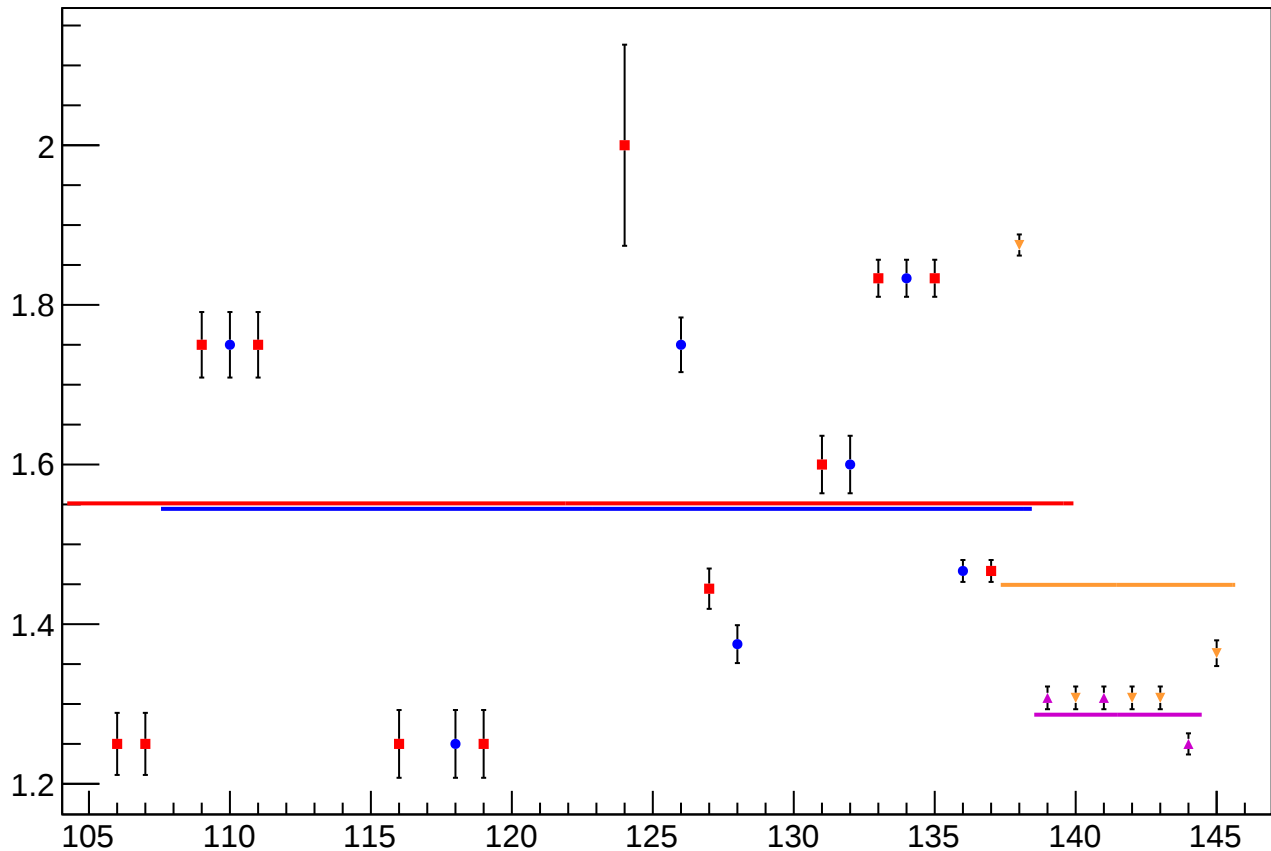
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.449+/-0.006 χ^2/NDF :1359.5/4

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.287+/-0.008 χ^2/NDF :12.0/2

Left: 1.386+/-0.005 χ^2/NDF : 1623.1/7

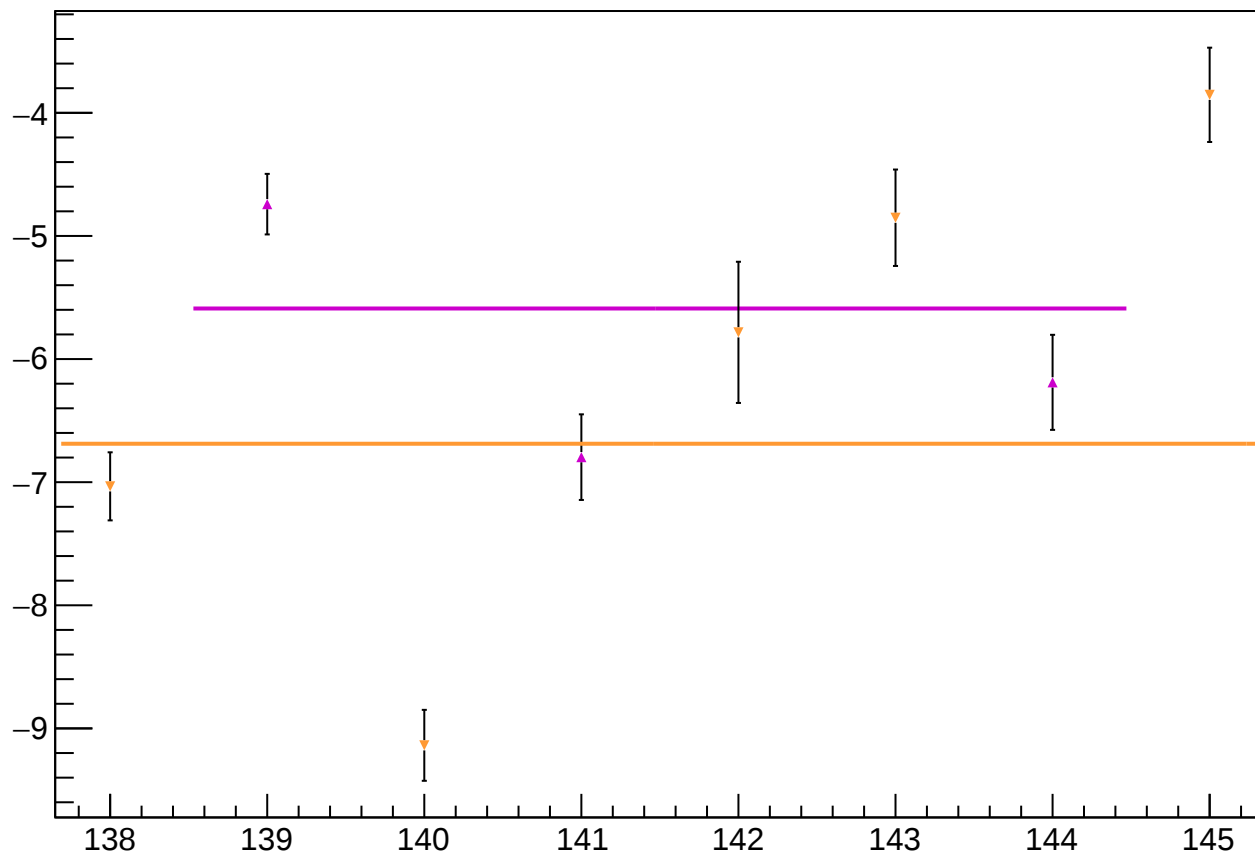
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.397+/-0.006 χ^2/NDF :806.2/9

Out: 1.488+/-0.005 χ^2/NDF :2090.0/16

All: 1.451+/-0.004 χ^2/NDF : 3029.6/26

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.688+/-0.155 χ^2/NDF :153.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.589+/-0.178 χ^2/NDF :26.3/2

Left: -6.214+/-0.117 χ^2/NDF : 201.0/7

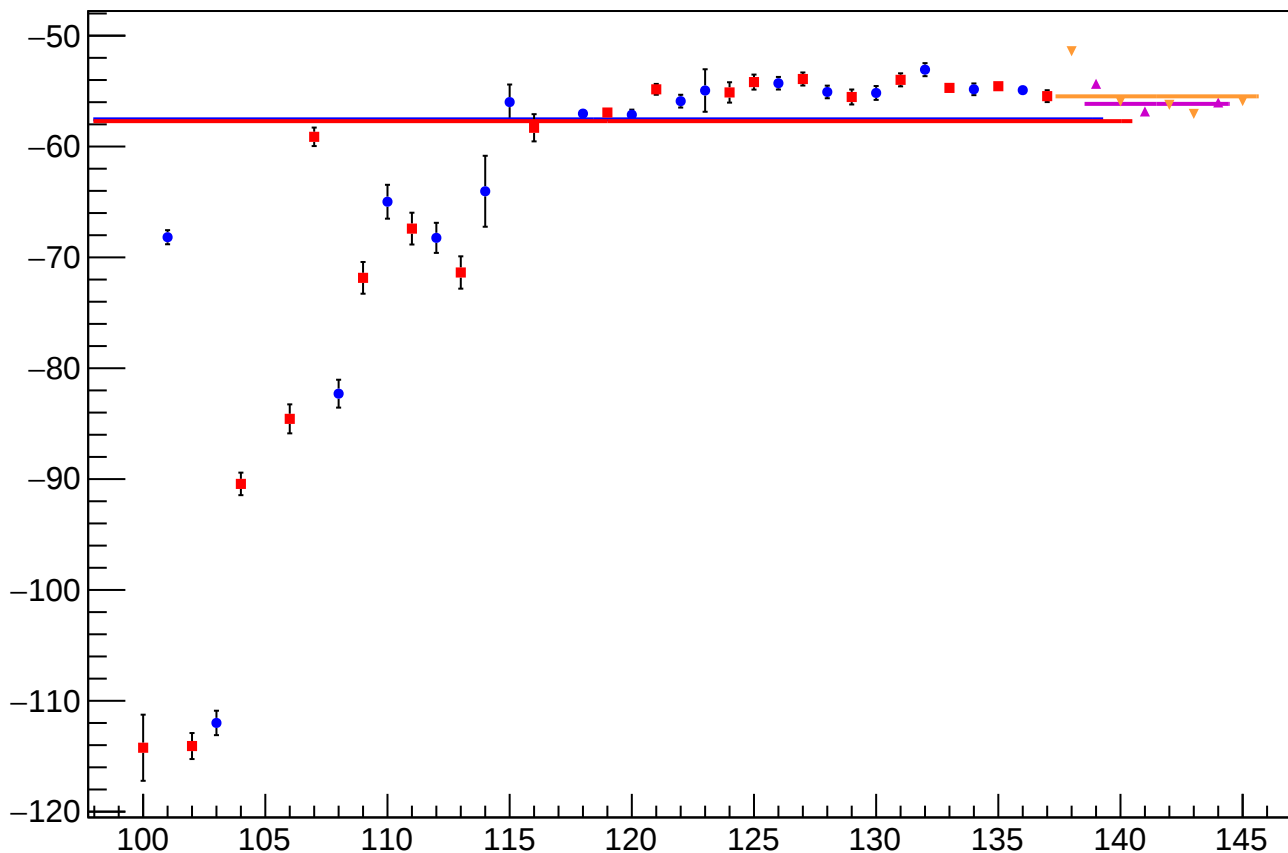
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.589+/-0.178 χ^2/NDF :26.3/2

Out: -6.688+/-0.155 χ^2/NDF :153.1/4

All: -6.214+/-0.117 χ^2/NDF : 201.0/7

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -55.473 ± 0.132 χ^2/NDF : 203.0/4

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -56.152 ± 0.172 χ^2/NDF : 24.2/2

Left: -55.725 ± 0.105 χ^2/NDF : 237.0/7

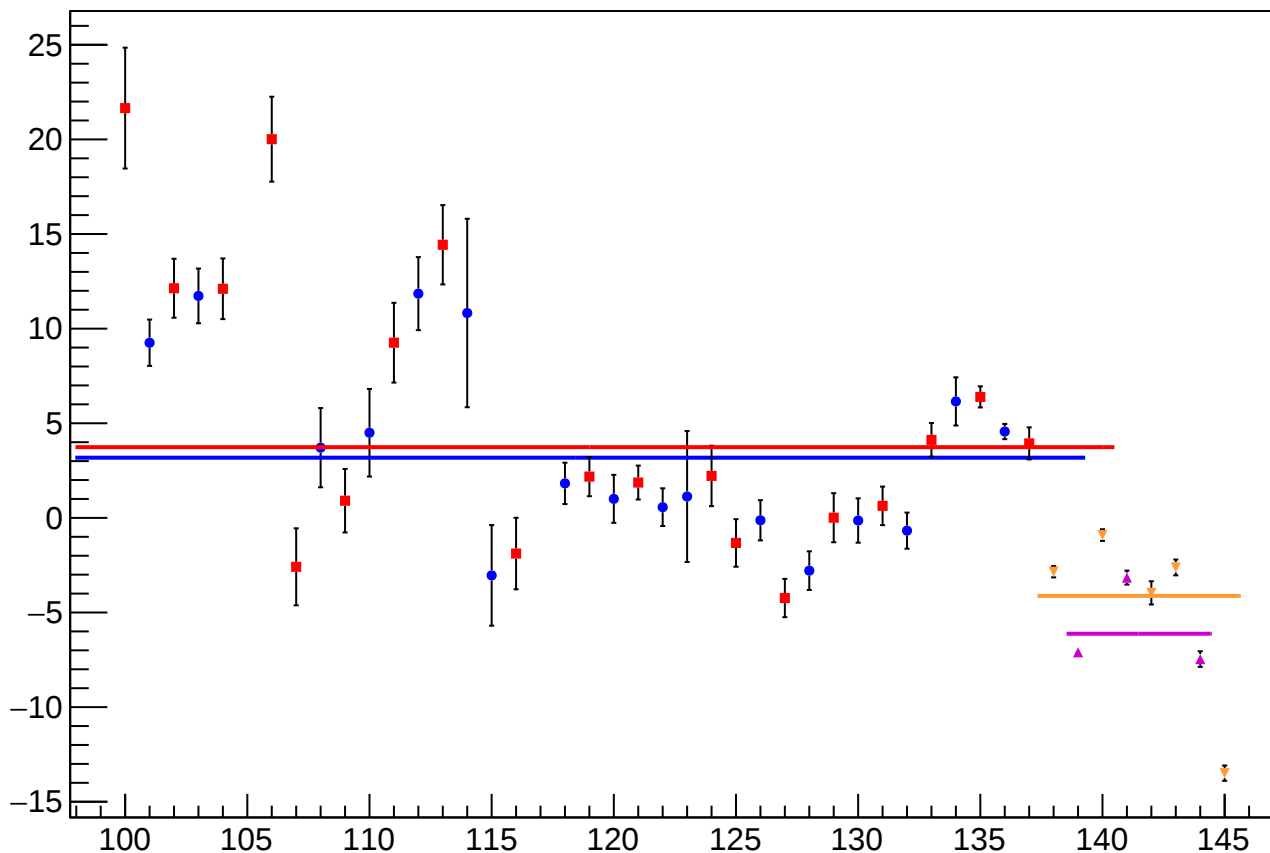
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -56.984 ± 0.109 χ^2/NDF : 3524.0/19

Out: -56.503 ± 0.097 χ^2/NDF : 5039.3/23

All: -56.715 ± 0.072 χ^2/NDF : 8574.1/43

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -4.121 ± 0.166 $\chi^2/\text{NDF}: 677.1/4$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -6.122 ± 0.191 $\chi^2/\text{NDF}: 88.3/2$

Left: -4.981 ± 0.126 $\chi^2/\text{NDF}: 827.7/7$

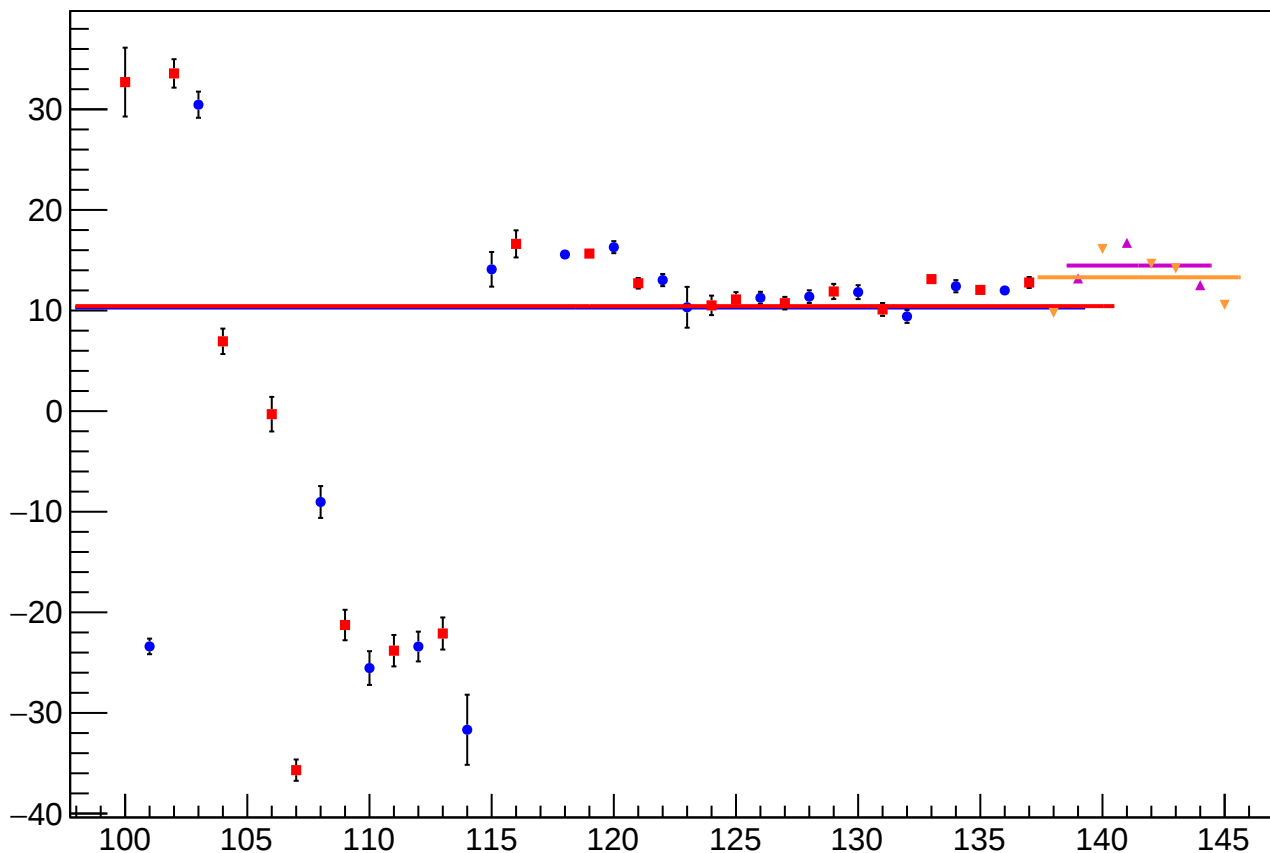
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -2.818 ± 0.154 $\chi^2/\text{NDF}: 1112.1/19$

Out: -1.926 ± 0.141 $\chi^2/\text{NDF}: 1622.7/23$

All: -2.334 ± 0.104 $\chi^2/\text{NDF}: 2753.1/43$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.306+/-0.154 χ^2/NDF : 266.9/4

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 14.472+/-0.197 χ^2/NDF : 101.0/2

Left: 13.749+/-0.121 χ^2/NDF : 389.6/7

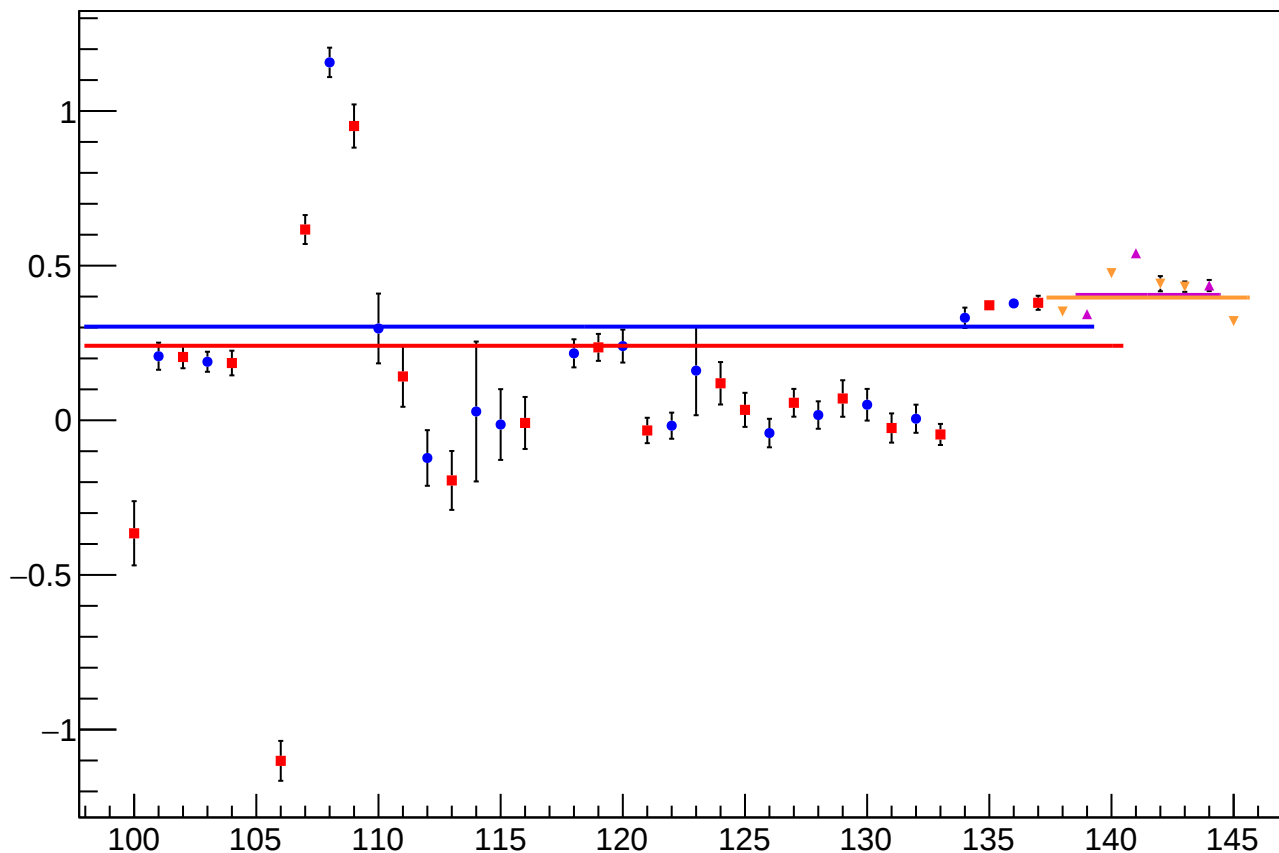
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 11.923+/-0.123 χ^2/NDF : 4074.9/19

Out: 11.921+/-0.111 χ^2/NDF : 4262.7/23

All: 11.922+/-0.082 χ^2/NDF : 8337.7/43

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.397 ± 0.007 χ^2/NDF : 81.4/4

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.405 ± 0.007 χ^2/NDF : 128.7/2

Left: 0.401 ± 0.005 χ^2/NDF : 210.9/7

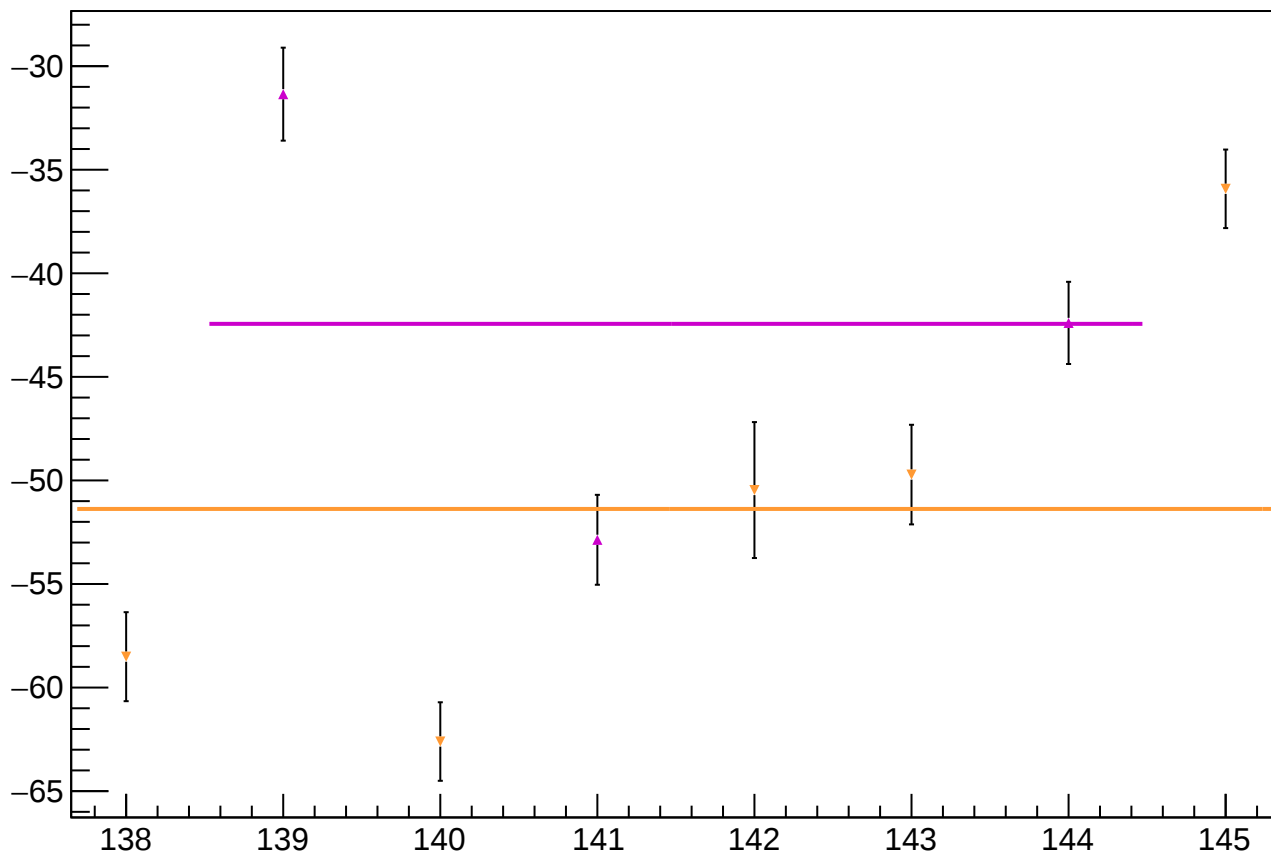
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.360 ± 0.005 χ^2/NDF : 863.5/19

Out: 0.337 ± 0.005 χ^2/NDF : 1278.6/23

All: 0.348 ± 0.004 χ^2/NDF : 2151.4/43

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.376+/-0.981 χ^2/NDF :113.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.441+/-1.226 χ^2/NDF :47.5/2

Left: -47.890+/-0.766 χ^2/NDF : 193.0/7

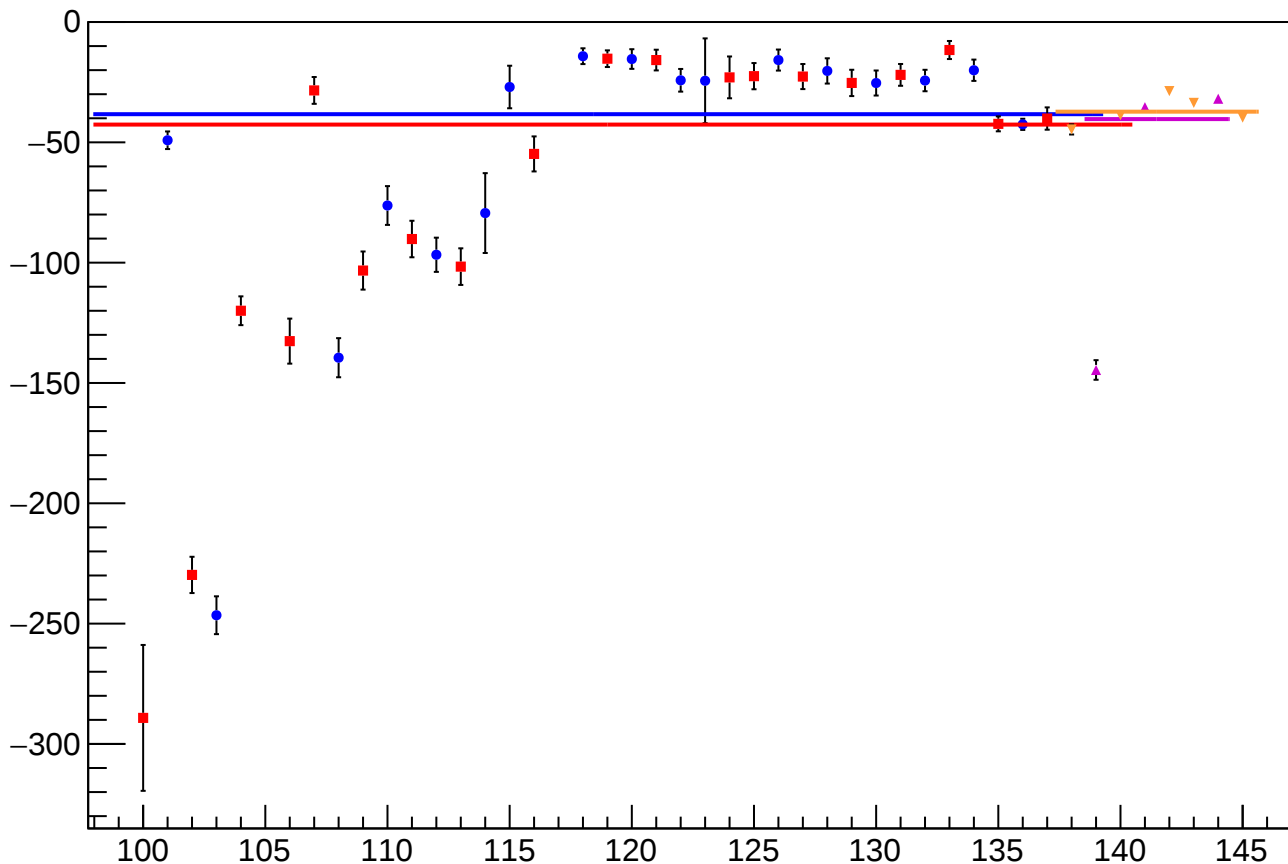
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.441+/-1.226 χ^2/NDF :47.5/2

Out: -51.376+/-0.981 χ^2/NDF :113.1/4

All: -47.890+/-0.766 χ^2/NDF : 193.0/7

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -37.255 ± 0.773 $\chi^2/\text{NDF}: 37.8/4$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -40.343 ± 1.011 $\chi^2/\text{NDF}: 701.6/2$

Left: -38.394 ± 0.614 $\chi^2/\text{NDF}: 745.3/7$

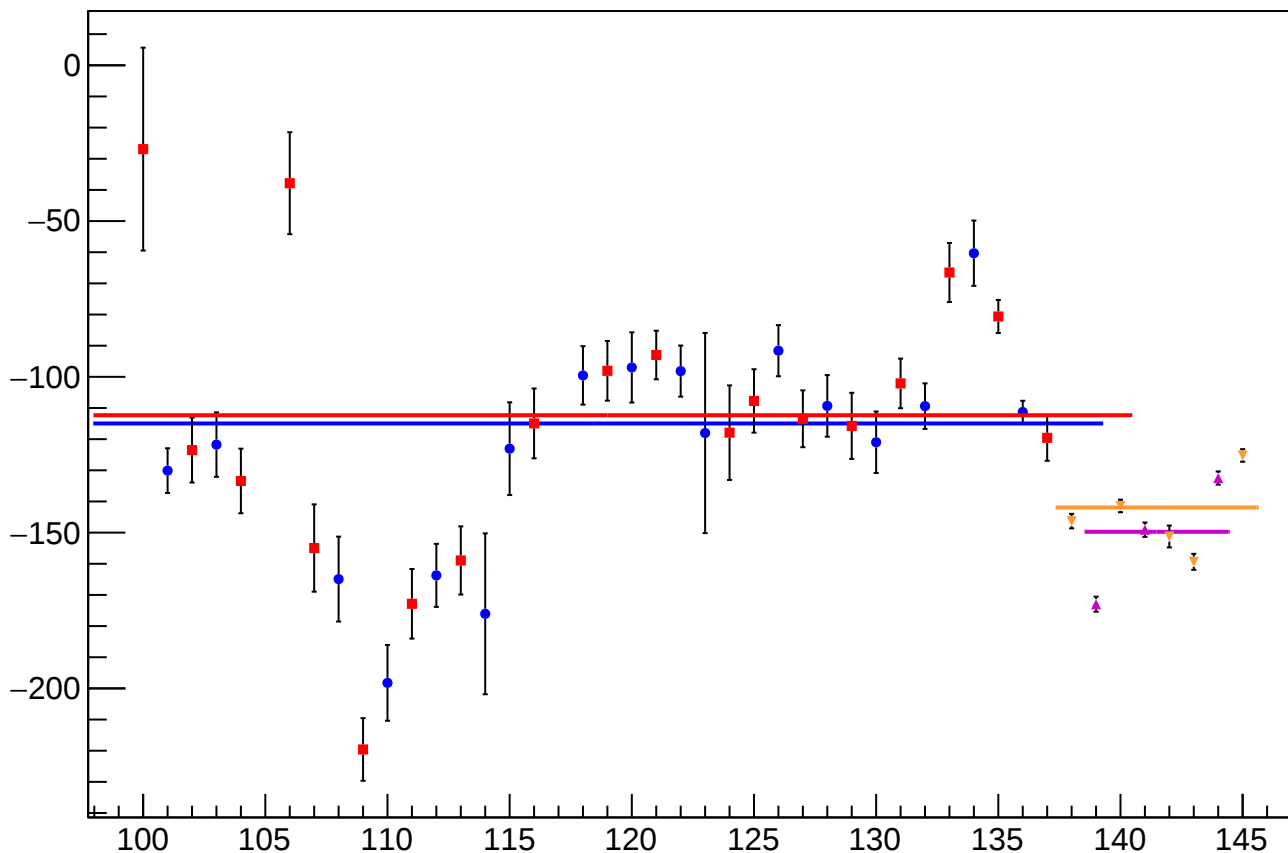
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -39.443 ± 0.756 $\chi^2/\text{NDF}: 1836.2/19$

Out: -38.815 ± 0.651 $\chi^2/\text{NDF}: 1396.2/23$

All: -39.082 ± 0.493 $\chi^2/\text{NDF}: 3232.8/43$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -141.922 ± 1.049 $\chi^2/\text{NDF}: 125.4/4$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -149.730 ± 1.314 $\chi^2/\text{NDF}: 157.6/2$

Left: -144.960 ± 0.820 $\chi^2/\text{NDF}: 304.5/7$

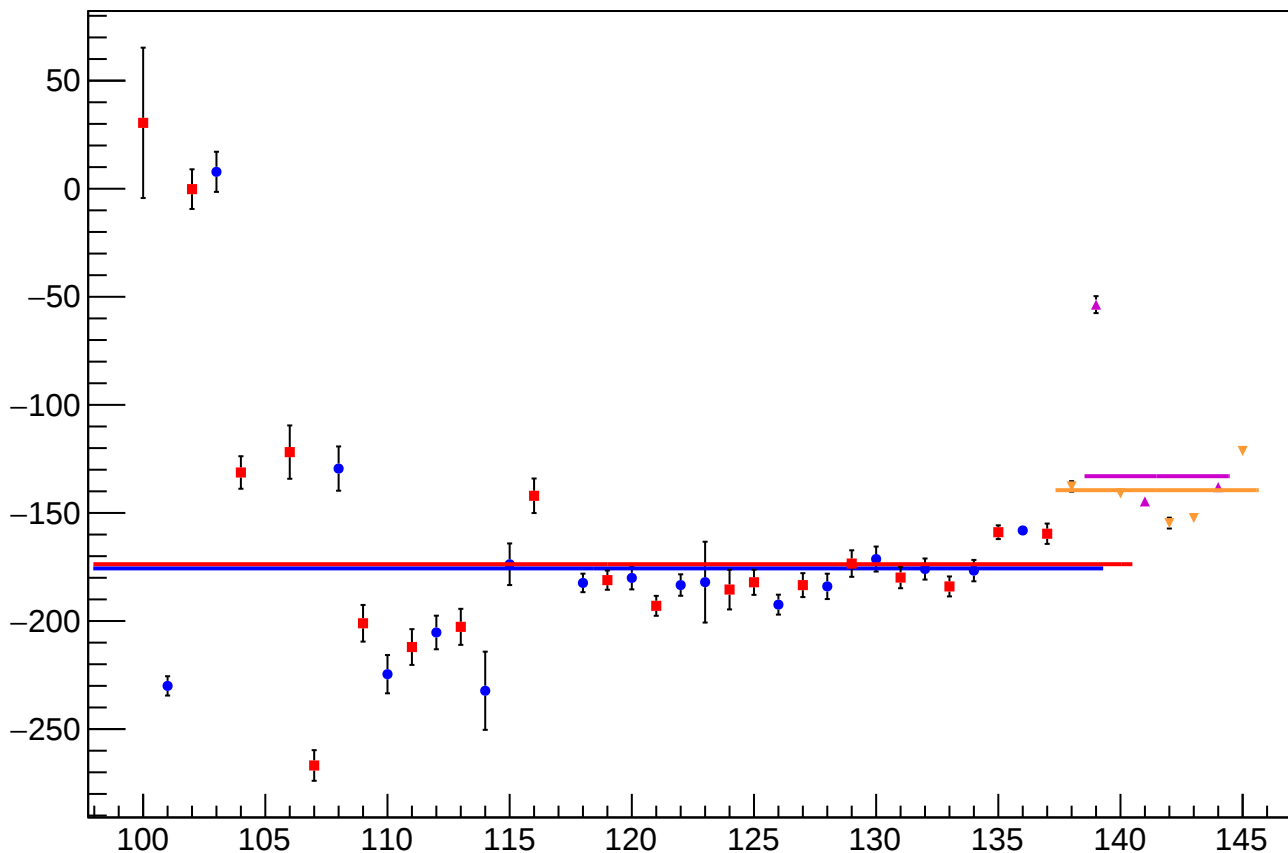
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -139.773 ± 1.110 $\chi^2/\text{NDF}: 499.4/19$

Out: -136.459 ± 0.947 $\chi^2/\text{NDF}: 546.3/23$

All: -137.855 ± 0.721 $\chi^2/\text{NDF}: 1050.9/43$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -139.475 ± 0.916 χ^2/NDF : 186.4/4

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -132.999 ± 1.188 χ^2/NDF : 458.1/2

Left: -137.059 ± 0.726 χ^2/NDF : 663.1/7

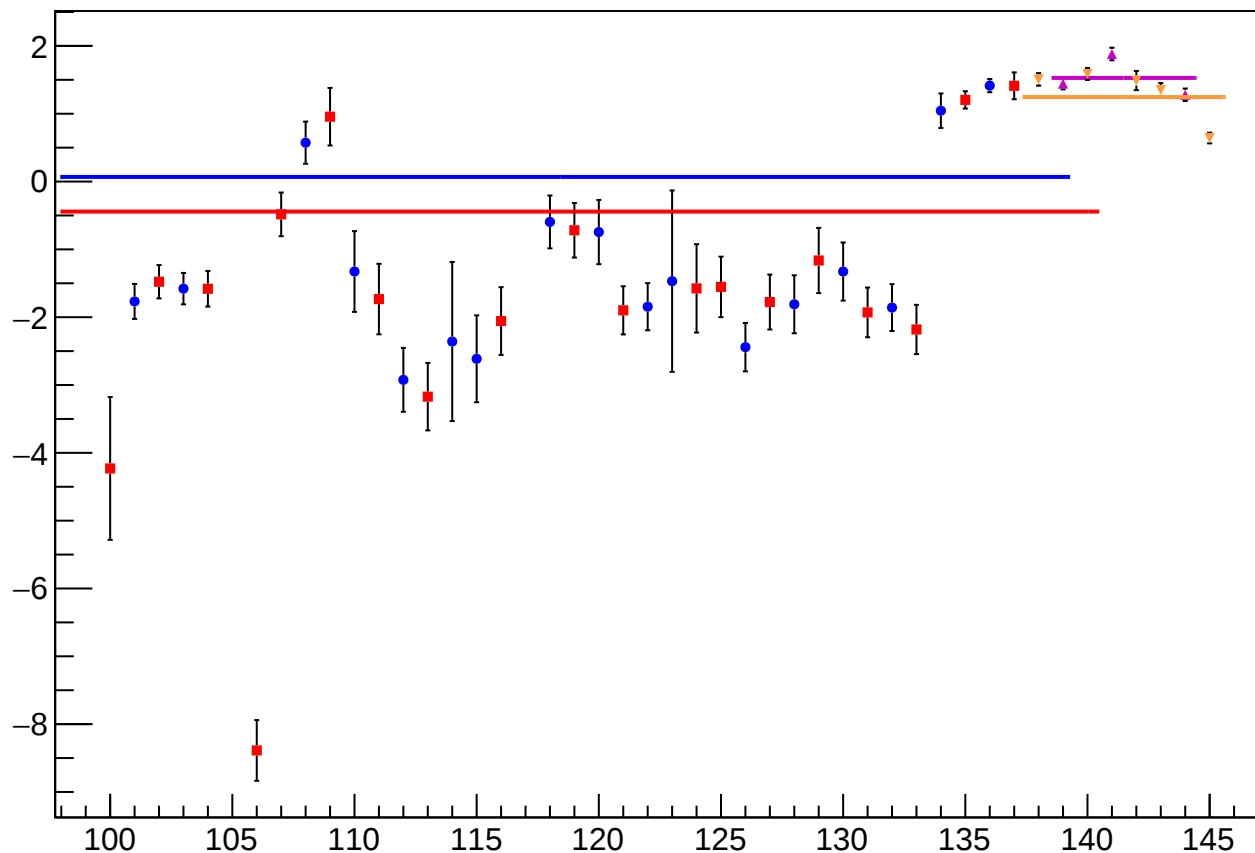
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -152.926 ± 0.867 χ^2/NDF : 1752.0/19

Out: -150.231 ± 0.759 χ^2/NDF : 1362.9/23

All: -151.400 ± 0.571 χ^2/NDF : 3120.3/43

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.246 ± 0.043 χ^2/NDF : 85.2/4

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.528 ± 0.052 χ^2/NDF : 22.5/2

Left: 1.359 ± 0.033 χ^2/NDF : 125.3/7

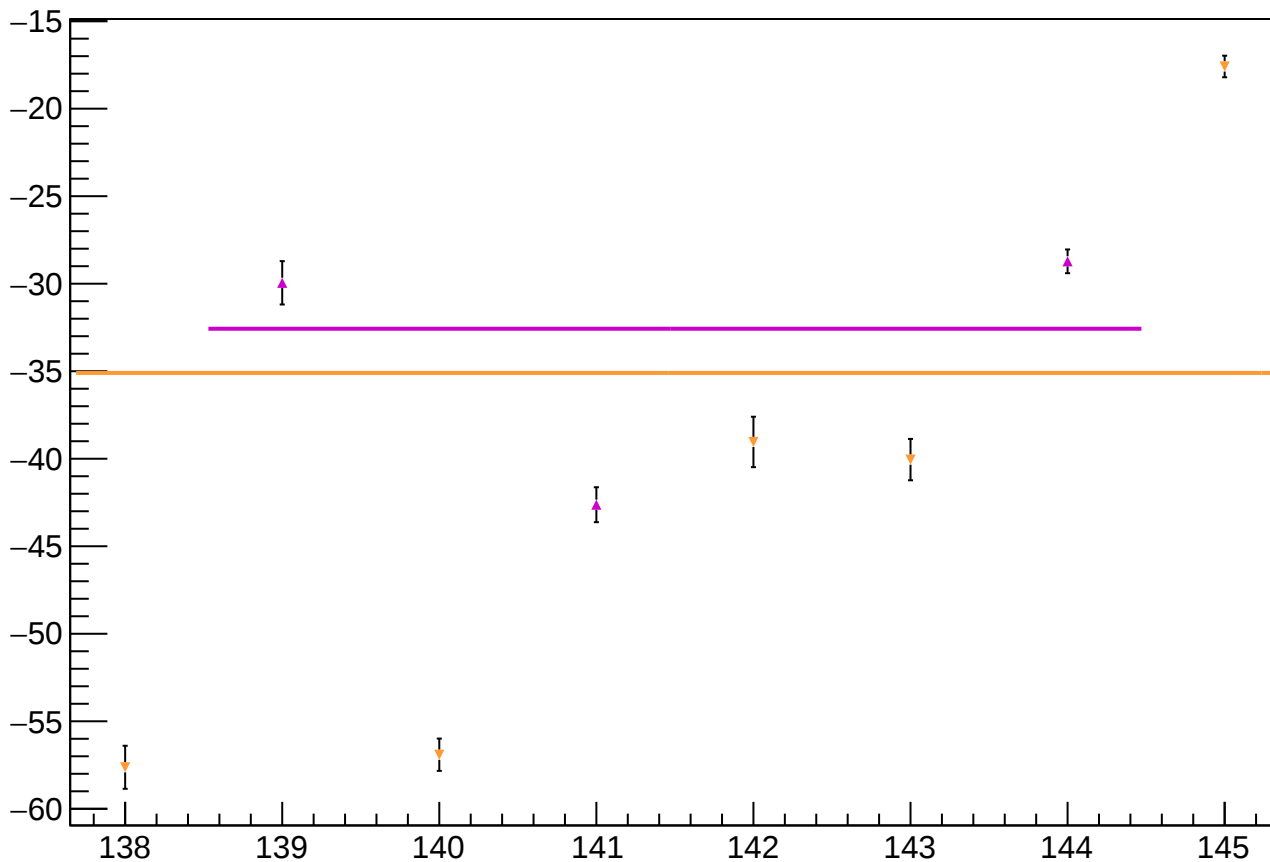
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 0.978 ± 0.041 χ^2/NDF : 844.0/19

Out: 0.799 ± 0.037 χ^2/NDF : 1256.1/23

All: 0.878 ± 0.027 χ^2/NDF : 2110.6/43

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.098+/-0.420 χ^2/NDF :1724.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.573+/-0.511 χ^2/NDF :138.2/2

Left: -34.079+/-0.325 χ^2/NDF : 1877.5/7

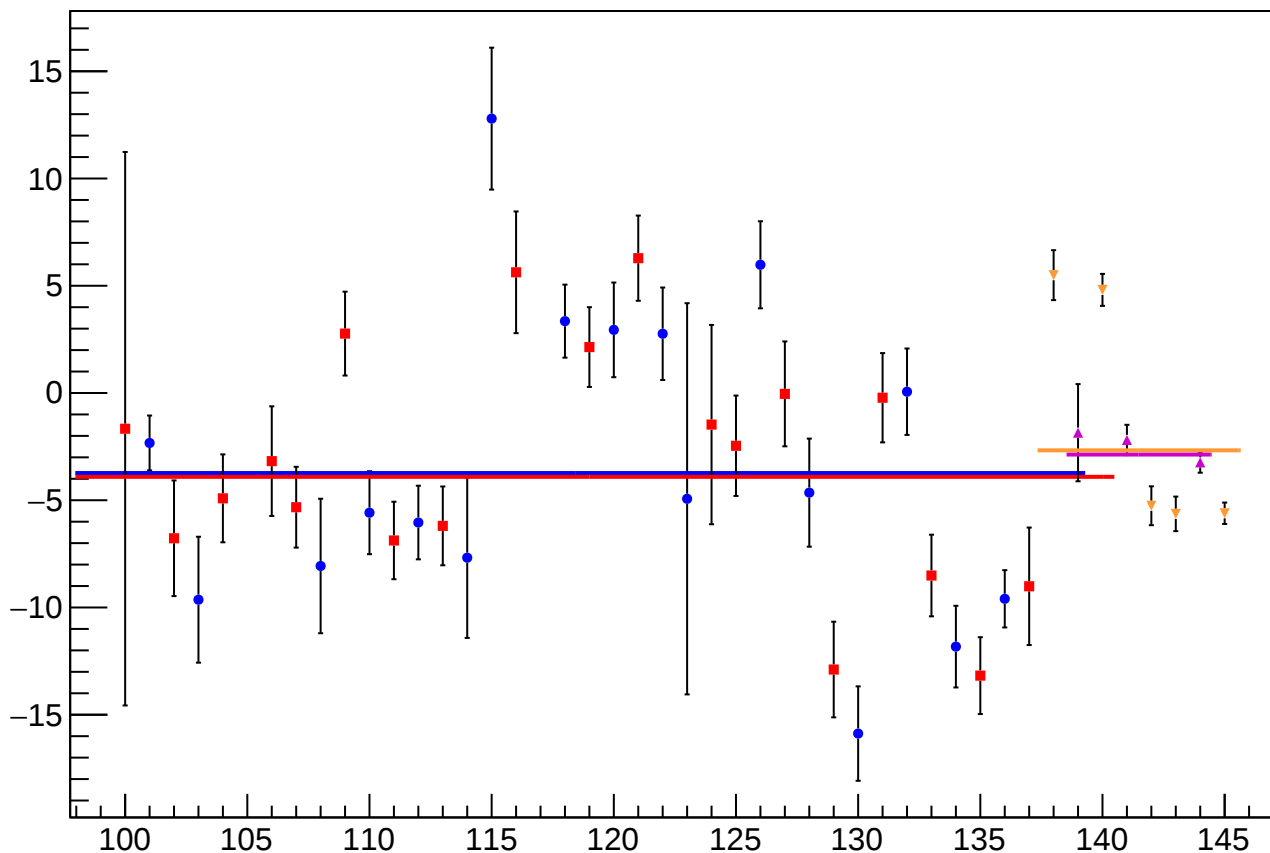
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.573+/-0.511 χ^2/NDF :138.2/2

Out: -35.098+/-0.420 χ^2/NDF :1724.7/4

All: -34.079+/-0.325 χ^2/NDF : 1877.5/7

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -2.673 ± 0.328 $\chi^2/\text{NDF}: 206.2/4$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -2.869 ± 0.392 $\chi^2/\text{NDF}: 1.7/2$

Left: -2.754 ± 0.252 $\chi^2/\text{NDF}: 208.1/7$

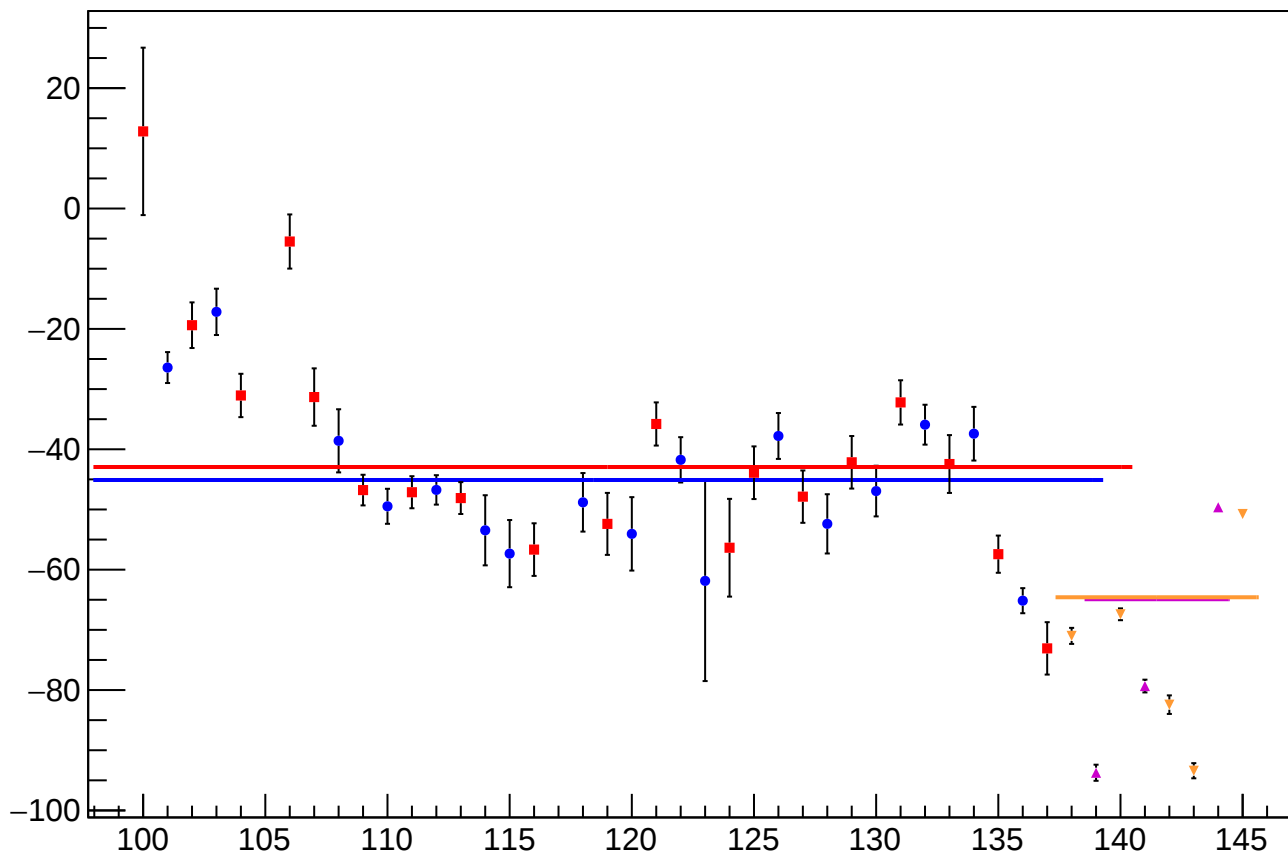
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -3.201 ± 0.308 $\chi^2/\text{NDF}: 169.4/19$

Out: -3.038 ± 0.275 $\chi^2/\text{NDF}: 335.2/23$

All: -3.110 ± 0.205 $\chi^2/\text{NDF}: 504.7/43$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -64.586 ± 0.448 χ^2/NDF : 1134.1/4

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -64.910 ± 0.547 χ^2/NDF : 1090.5/2

Left: -64.716 ± 0.347 χ^2/NDF : 2224.9/7

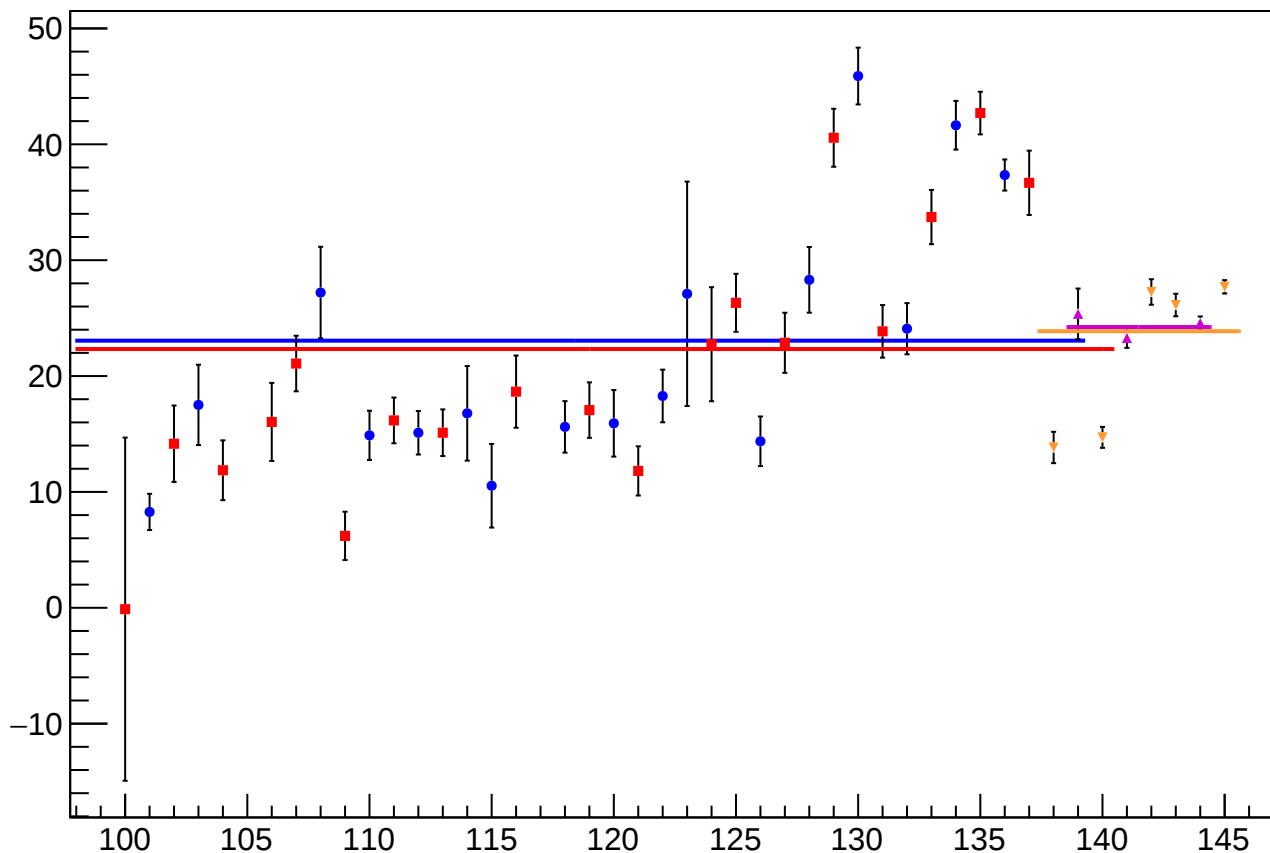
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -59.409 ± 0.465 χ^2/NDF : 1684.9/19

Out: -60.107 ± 0.399 χ^2/NDF : 1865.6/23

All: -59.811 ± 0.303 χ^2/NDF : 3551.9/43

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 23.869 ± 0.387 $\chi^2/\text{NDF}: 217.2/4$

Right Out: 22.331 ± 0.572 $\chi^2/\text{NDF}: 371.1/18$

Left In: 24.227 ± 0.464 $\chi^2/\text{NDF}: 1.9/2$

Left: 24.016 ± 0.297 $\chi^2/\text{NDF}: 219.4/7$

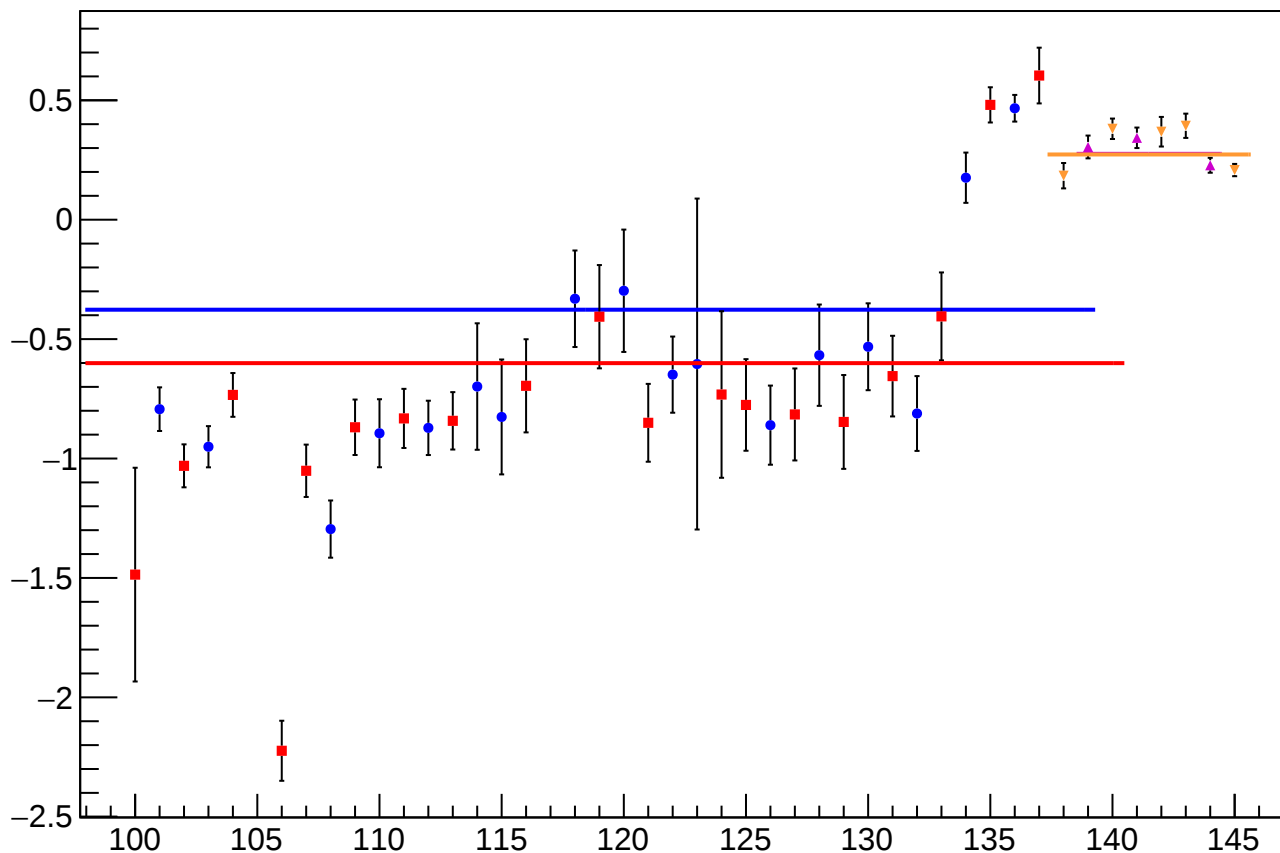
Right: 22.703 ± 0.399 $\chi^2/\text{NDF}: 833.0/35$

In: 23.746 ± 0.357 $\chi^2/\text{NDF}: 465.6/19$

Out: 23.386 ± 0.321 $\chi^2/\text{NDF}: 593.2/23$

All: 23.547 ± 0.238 $\chi^2/\text{NDF}: 1059.4/43$

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.273 ± 0.018 $\chi^2/\text{NDF}: 23.5/4$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.276 ± 0.022 $\chi^2/\text{NDF}: 5.2/2$

Left: 0.274 ± 0.014 $\chi^2/\text{NDF}: 28.7/7$

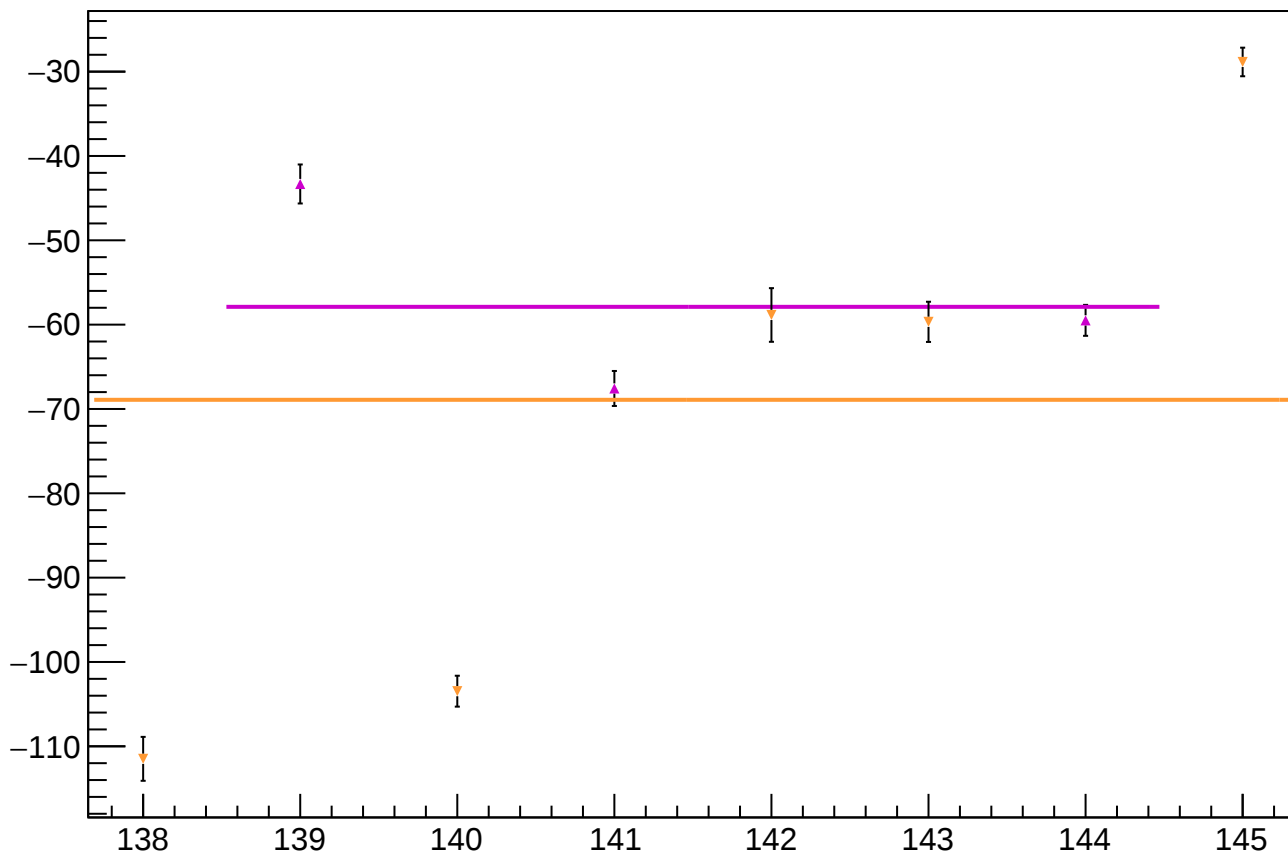
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.044 ± 0.018 $\chi^2/\text{NDF}: 745.8/19$

Out: 0.042 ± 0.016 $\chi^2/\text{NDF}: 1195.5/23$

All: 0.043 ± 0.012 $\chi^2/\text{NDF}: 1941.3/43$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.914+/-0.968 χ^2/NDF :1206.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -57.888+/-1.181 χ^2/NDF :62.2/2

Left: -64.488+/-0.749 χ^2/NDF : 1320.6/7

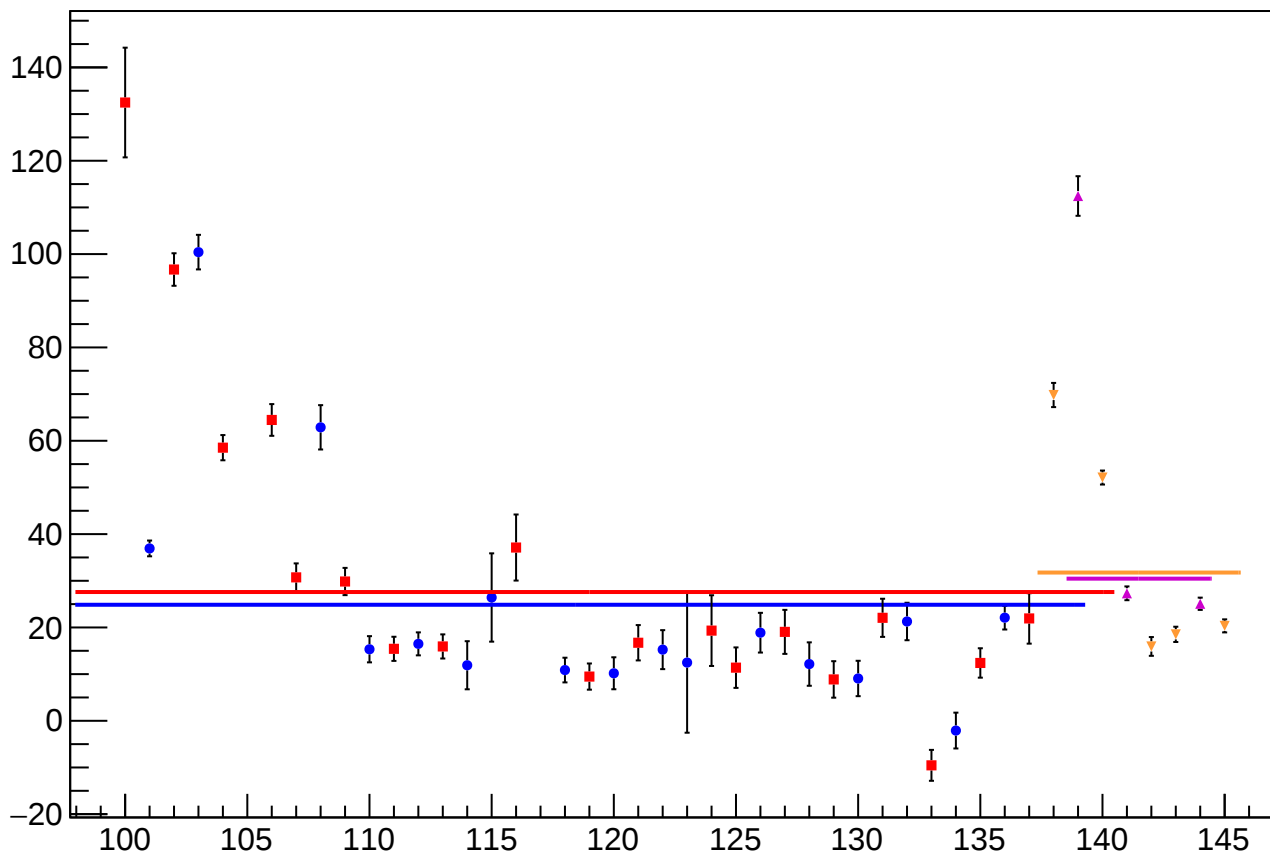
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.888+/-1.181 χ^2/NDF :62.2/2

Out: -68.914+/-0.968 χ^2/NDF :1206.2/4

All: -64.488+/-0.749 χ^2/NDF : 1320.6/7

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 31.768 $\pm$ 0.761 χ^2 /NDF: 593.9/4

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 30.458 $\pm$ 0.956 χ^2 /NDF: 394.8/2

Left: 31.260 $\pm$ 0.596 χ^2 /NDF: 989.9/7

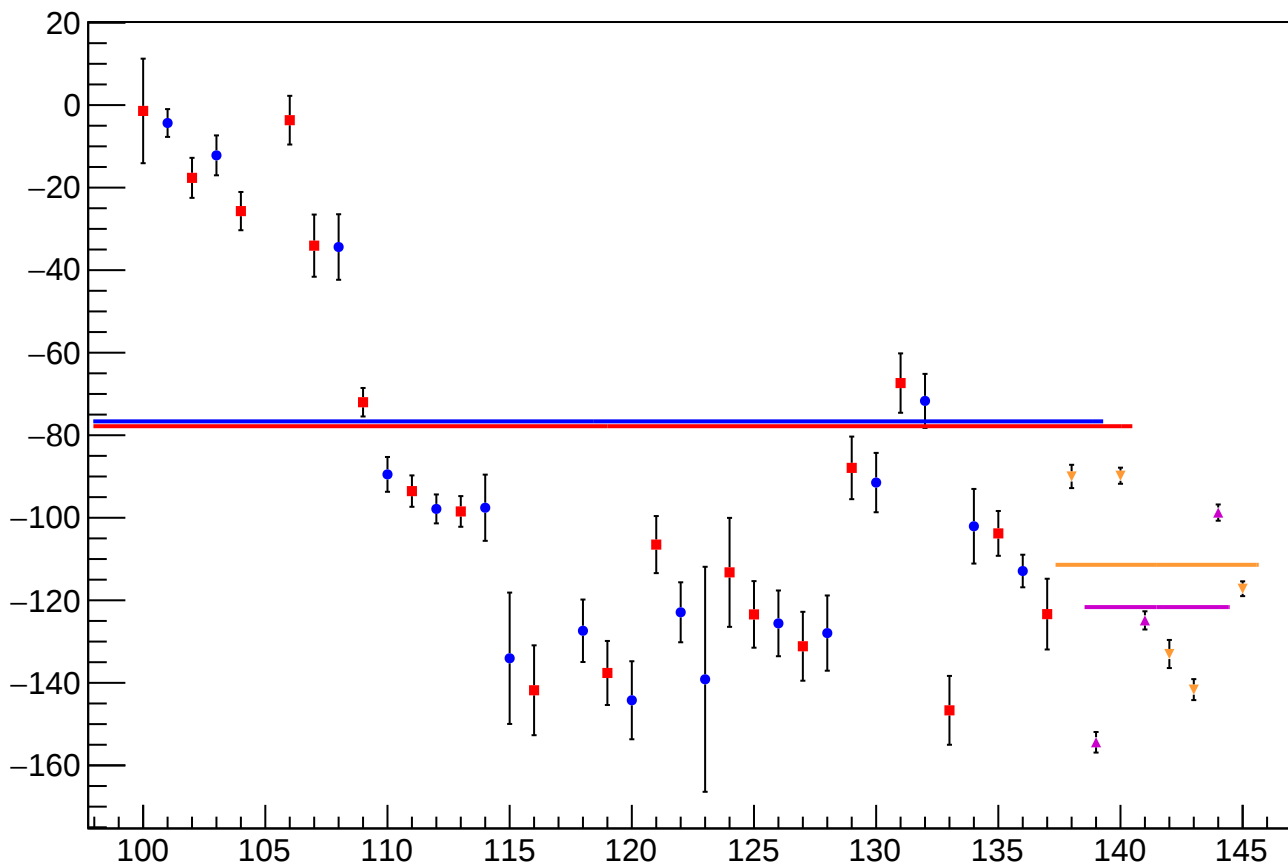
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 27.172 $\pm$ 0.615 χ^2 /NDF: 1105.9/19

Out: 29.810 $\pm$ 0.555 χ^2 /NDF: 1619.0/23

All: 28.626 $\pm$ 0.412 χ^2 /NDF: 2735.0/43

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -111.399 ± 1.031 $\chi^2/\text{NDF}: 372.2/4$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -121.642 ± 1.265 $\chi^2/\text{NDF}: 309.9/2$

Left: -115.486 ± 0.799 $\chi^2/\text{NDF}: 721.4/7$

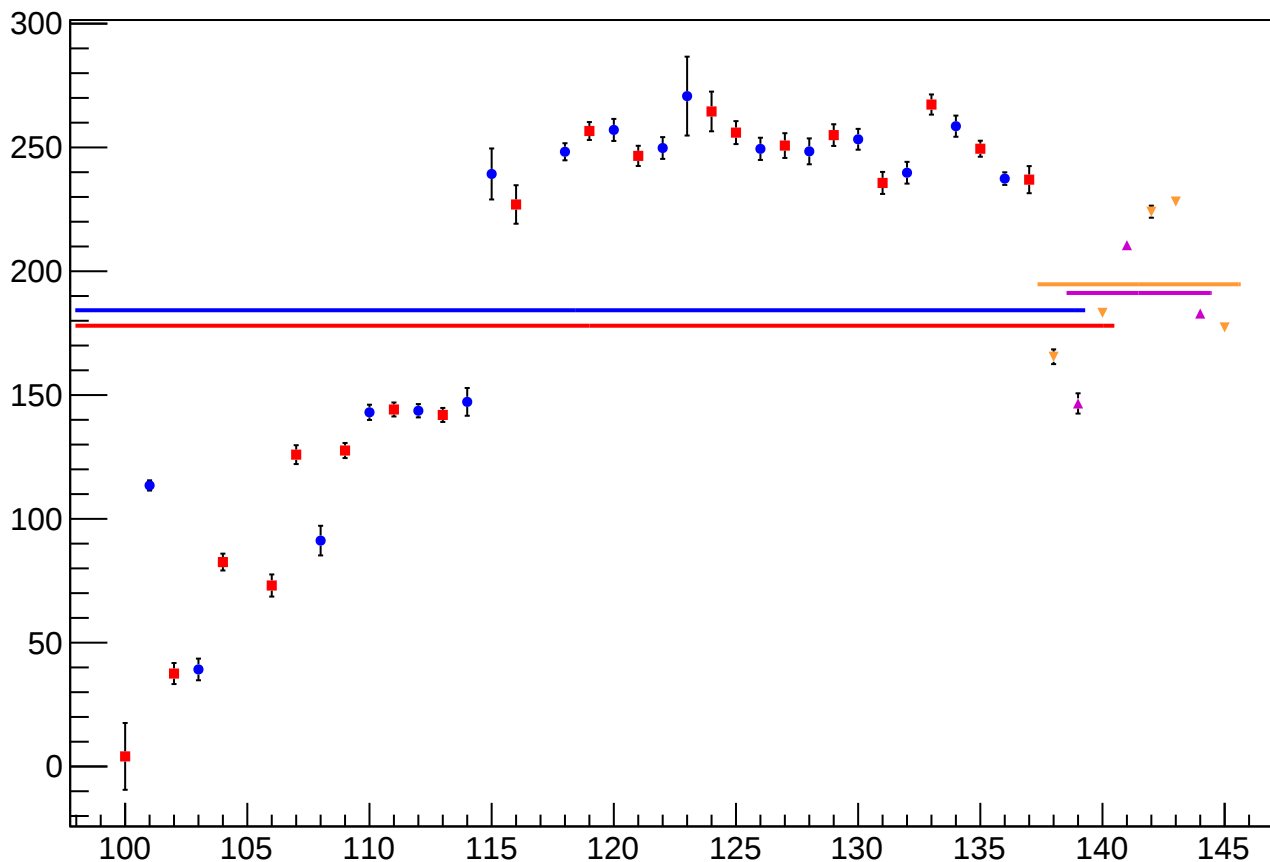
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -101.641 ± 0.943 $\chi^2/\text{NDF}: 1912.7/19$

Out: -99.049 ± 0.820 $\chi^2/\text{NDF}: 1635.5/23$

All: -100.165 ± 0.619 $\chi^2/\text{NDF}: 3552.5/43$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 194.736 $\pm$ 0.900 χ^2 /NDF: 688.9/4

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 191.226 $\pm$ 1.125 χ^2 /NDF: 265.4/2

Left: 193.366 $\pm$ 0.703 χ^2 /NDF: 960.2/7

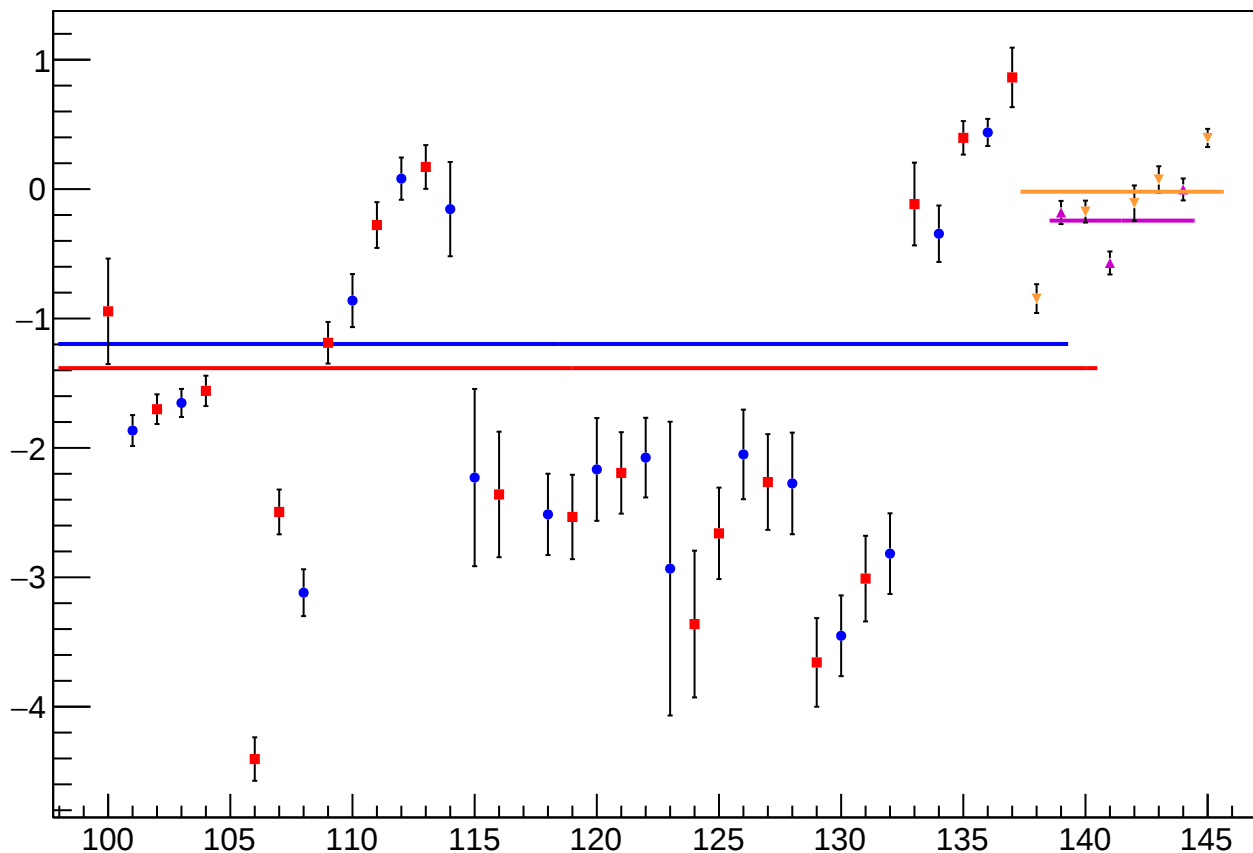
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 187.026 $\pm$ 0.710 χ^2 /NDF: 5677.1/19

Out: 186.583 $\pm$ 0.645 χ^2 /NDF: 7195.2/23

All: 186.784 $\pm$ 0.477 χ^2 /NDF: 12872.6/43

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.020 ± 0.042 χ^2/NDF : 94.6/4

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.243 ± 0.051 χ^2/NDF : 22.1/2

Left: -0.111 ± 0.032 χ^2/NDF : 128.3/7

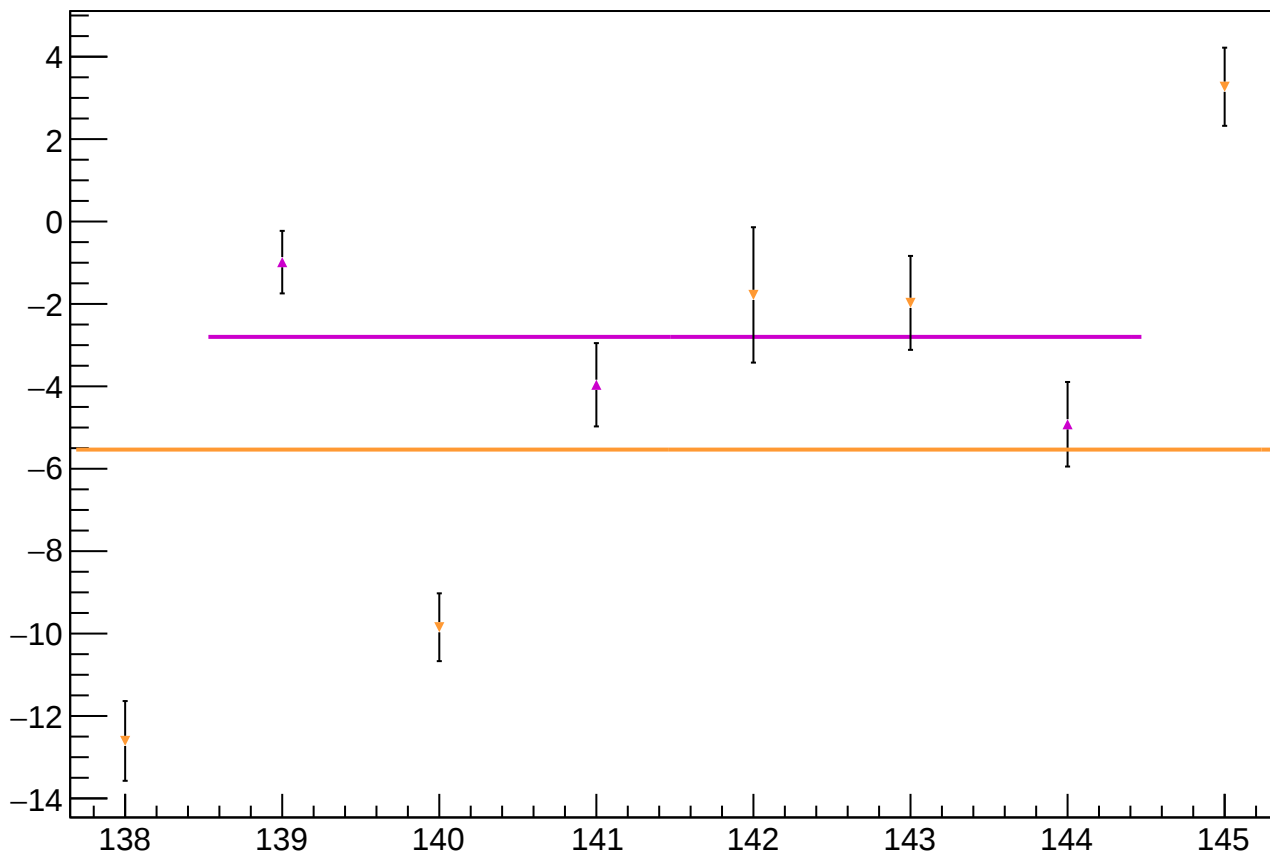
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.744 ± 0.035 χ^2/NDF : 830.0/19

Out: -0.640 ± 0.031 χ^2/NDF : 1501.6/23

All: -0.686 ± 0.023 χ^2/NDF : 2336.6/43

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.535+/-0.457 χ^2/NDF :182.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.800+/-0.522 χ^2/NDF :11.3/2

Left: -4.350+/-0.344 χ^2/NDF : 208.9/7

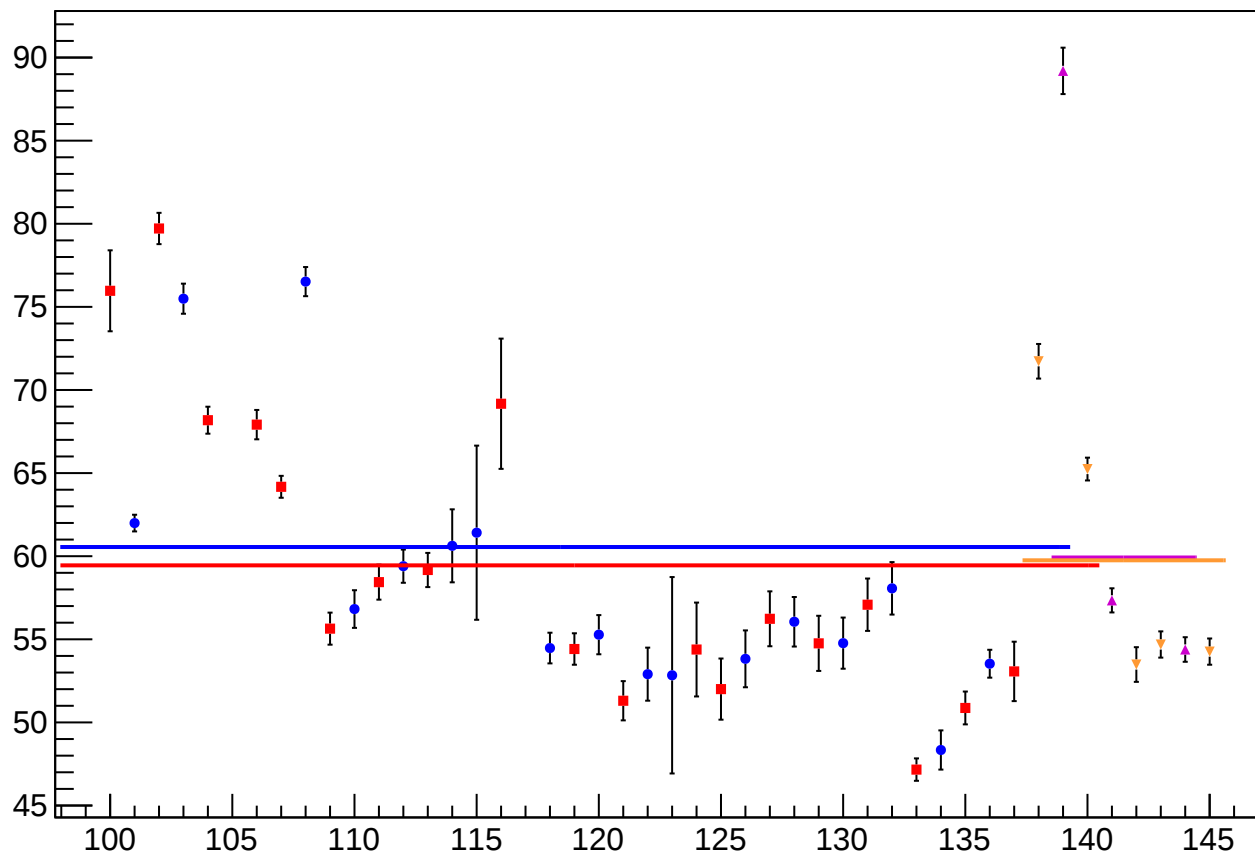
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.800+/-0.522 χ^2/NDF :11.3/2

Out: -5.535+/-0.457 χ^2/NDF :182.0/4

All: -4.350+/-0.344 χ^2/NDF : 208.9/7

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 +/- 0.262 χ^2/NDF : 931.0/16

Left Out: 59.753 +/- 0.373 χ^2/NDF : 321.9/4

Right Out: 59.449 +/- 0.248 χ^2/NDF : 1321.3/18

Left In: 59.922 +/- 0.486 χ^2/NDF : 508.4/2

Left: 59.815 +/- 0.296 χ^2/NDF : 830.4/7

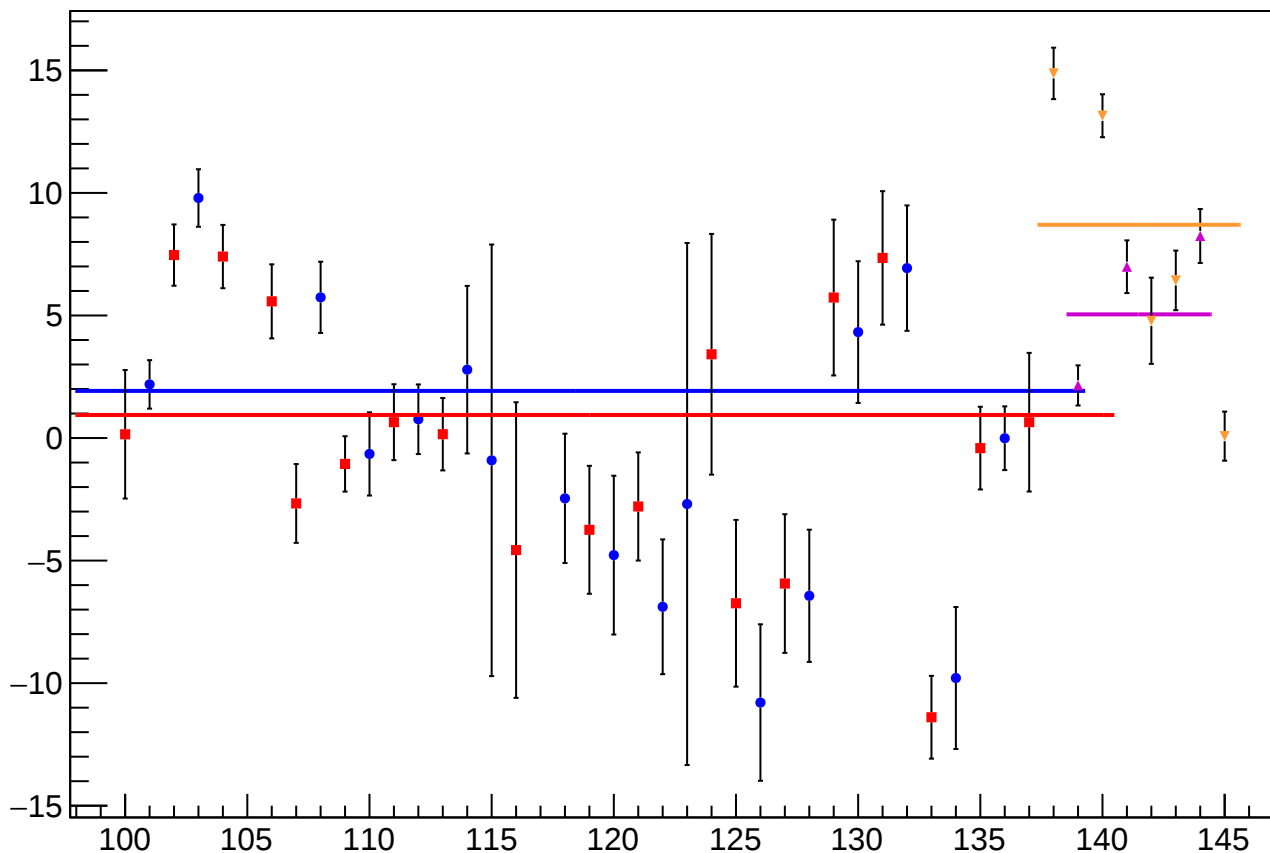
Right: 59.970 +/- 0.180 χ^2/NDF : 2261.6/35

In: 60.410 +/- 0.230 χ^2/NDF : 1440.7/19

Out: 59.542 +/- 0.206 χ^2/NDF : 1643.6/23

All: 59.928 +/- 0.154 χ^2/NDF : 3092.3/43

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 $\pm$ 0.458 χ^2 /NDF: 121.1/16

Left Out: 8.699 $\pm$ 0.488 χ^2 /NDF:142.9/4

Right Out: 0.941 $\pm$ 0.424 χ^2 /NDF: 150.2/18

Left In: 5.045 $\pm$ 0.560 χ^2 /NDF:24.3/2

Left: 7.124 $\pm$ 0.368 χ^2 /NDF: 191.3/7

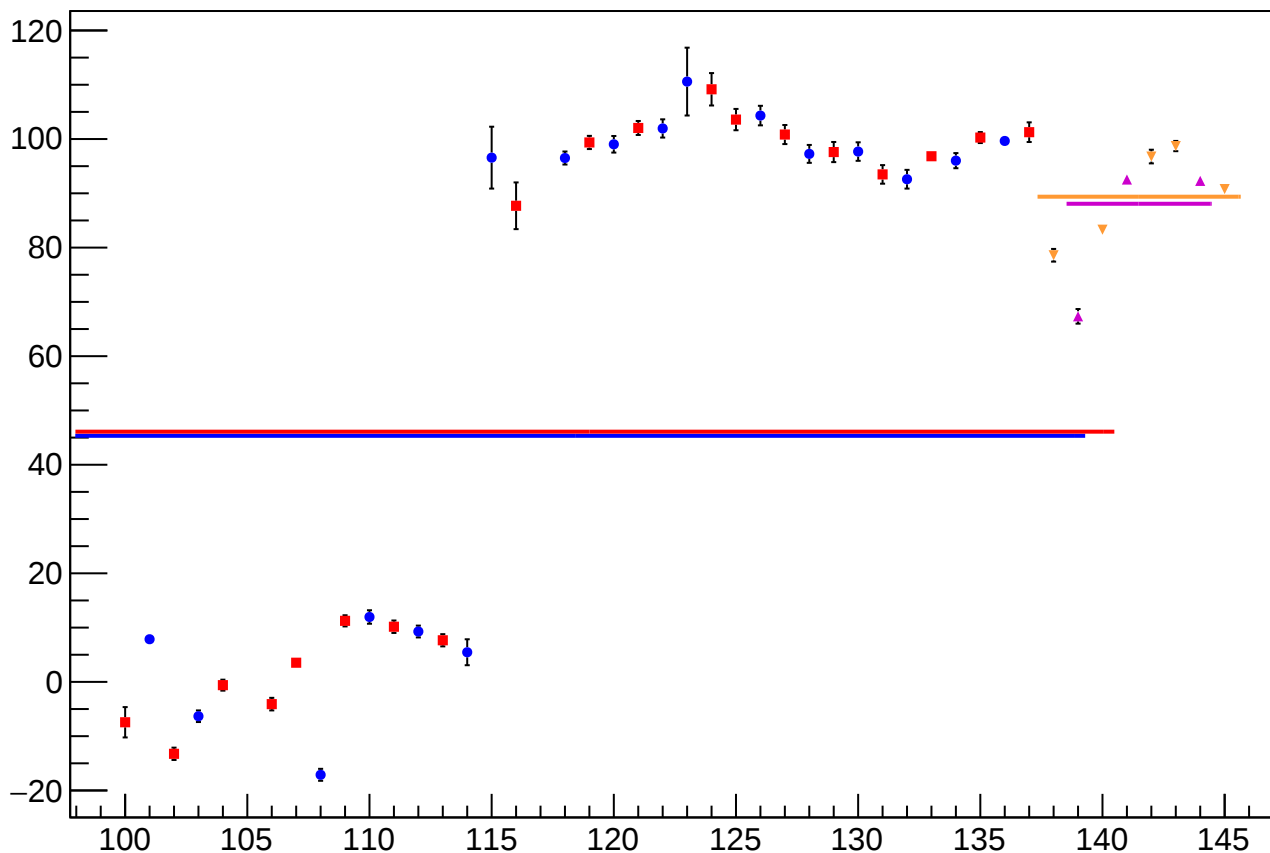
Right: 1.394 $\pm$ 0.311 χ^2 /NDF: 273.7/35

In: 3.174 $\pm$ 0.355 χ^2 /NDF:163.9/19

Out: 4.281 $\pm$ 0.320 χ^2 /NDF:437.2/23

All: 3.784 $\pm$ 0.238 χ^2 /NDF: 606.5/43

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 89.378 $\pm$ 0.440 χ^2 /NDF:273.8/4

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 88.075 $\pm$ 0.560 χ^2 /NDF:286.8/2

Left: 88.881 $\pm$ 0.346 χ^2 /NDF: 564.0/7

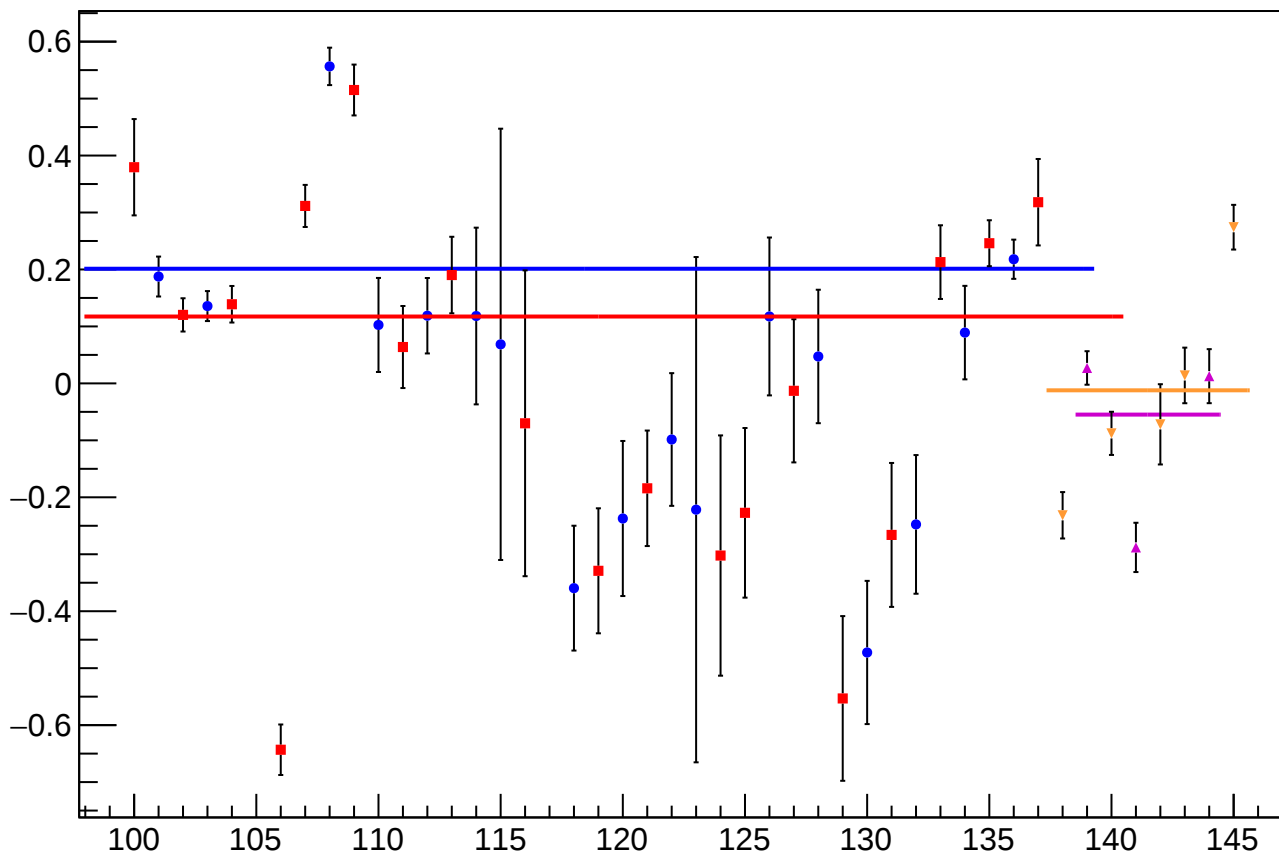
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 55.033 $\pm$ 0.267 χ^2 /NDF:29793.1/19

Out: 59.171 $\pm$ 0.242 χ^2 /NDF:35309.1/23

All: 57.308 $\pm$ 0.179 χ^2 /NDF: 65234.2/43

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.012 ± 0.020 χ^2/NDF : 87.3/4

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.055 ± 0.022 χ^2/NDF : 38.8/2

Left: -0.032 ± 0.015 χ^2/NDF : 128.2/7

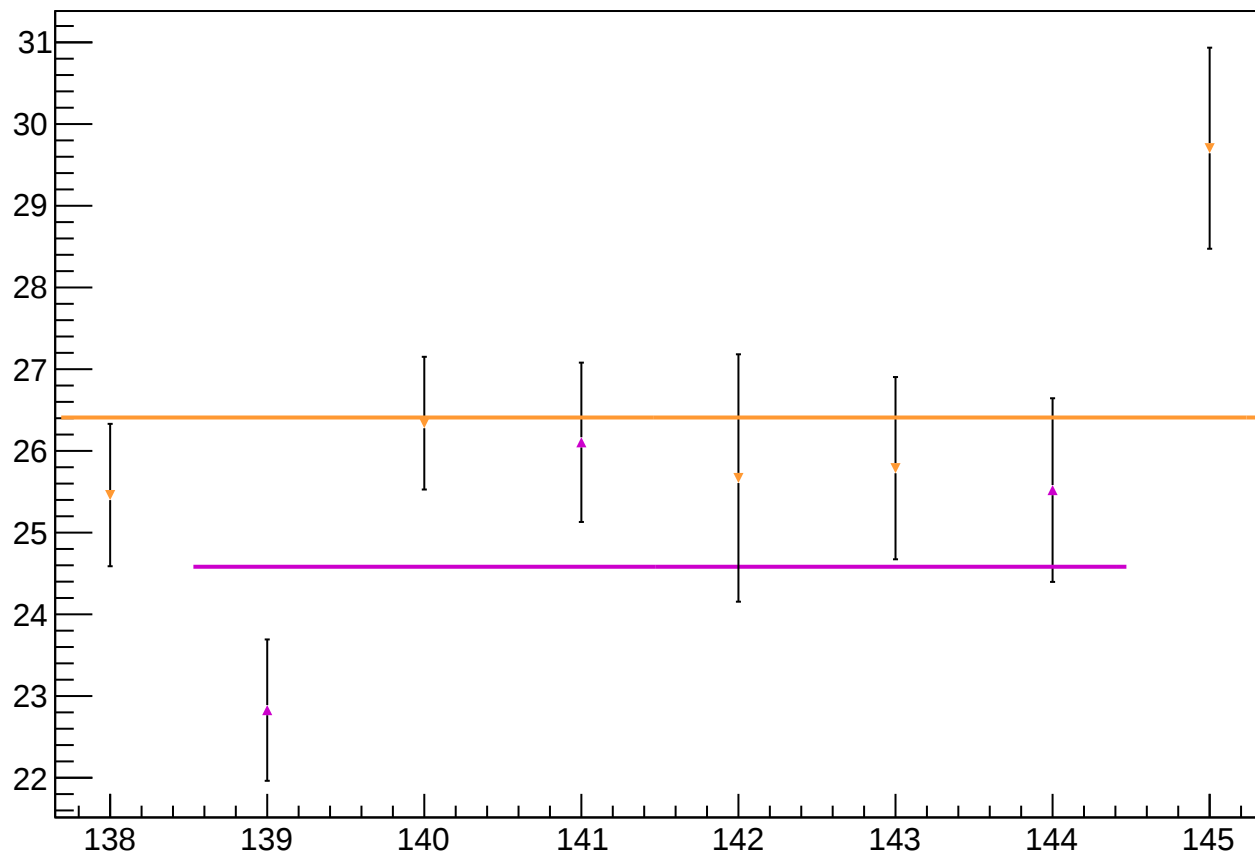
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.125 ± 0.012 χ^2/NDF : 354.6/19

Out: 0.078 ± 0.011 χ^2/NDF : 616.8/23

All: 0.100 ± 0.008 χ^2/NDF : 980.1/43

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.409+/-0.460 χ^2/NDF : 8.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.582+/-0.561 χ^2/NDF : 7.3/2

Left: 25.675+/-0.355 χ^2/NDF : 22.5/7

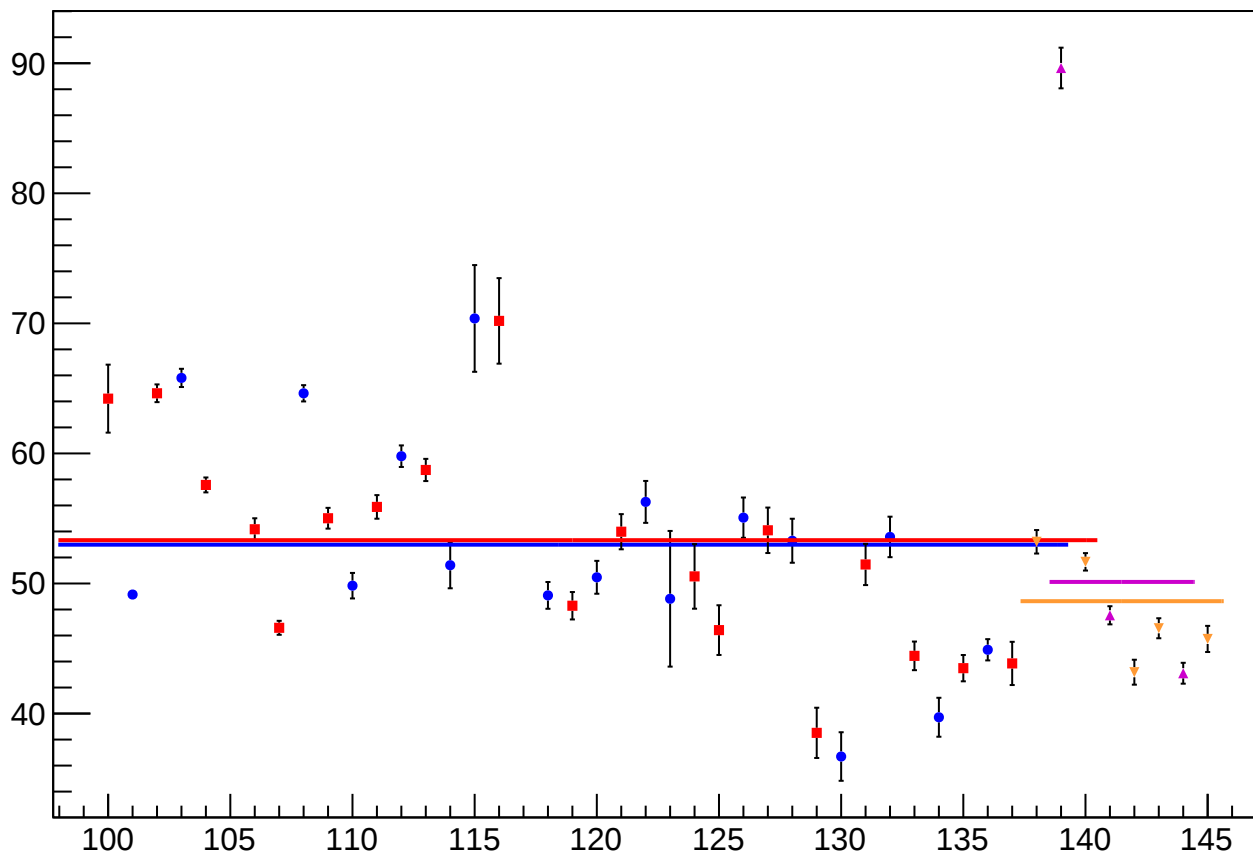
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.582+/-0.561 χ^2/NDF : 7.3/2

Out: 26.409+/-0.460 χ^2/NDF : 8.9/4

All: 25.675+/-0.355 χ^2/NDF : 22.5/7

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985+/-0.210 χ^2/NDF : 1197.9/16

Left Out: 48.640+/-0.372 χ^2/NDF : 94.1/4

Right Out: 53.330+/-0.227 χ^2/NDF : 873.8/18

Left In: 50.121+/-0.499 χ^2/NDF : 729.0/2

Left: 49.169+/-0.298 χ^2/NDF : 828.7/7

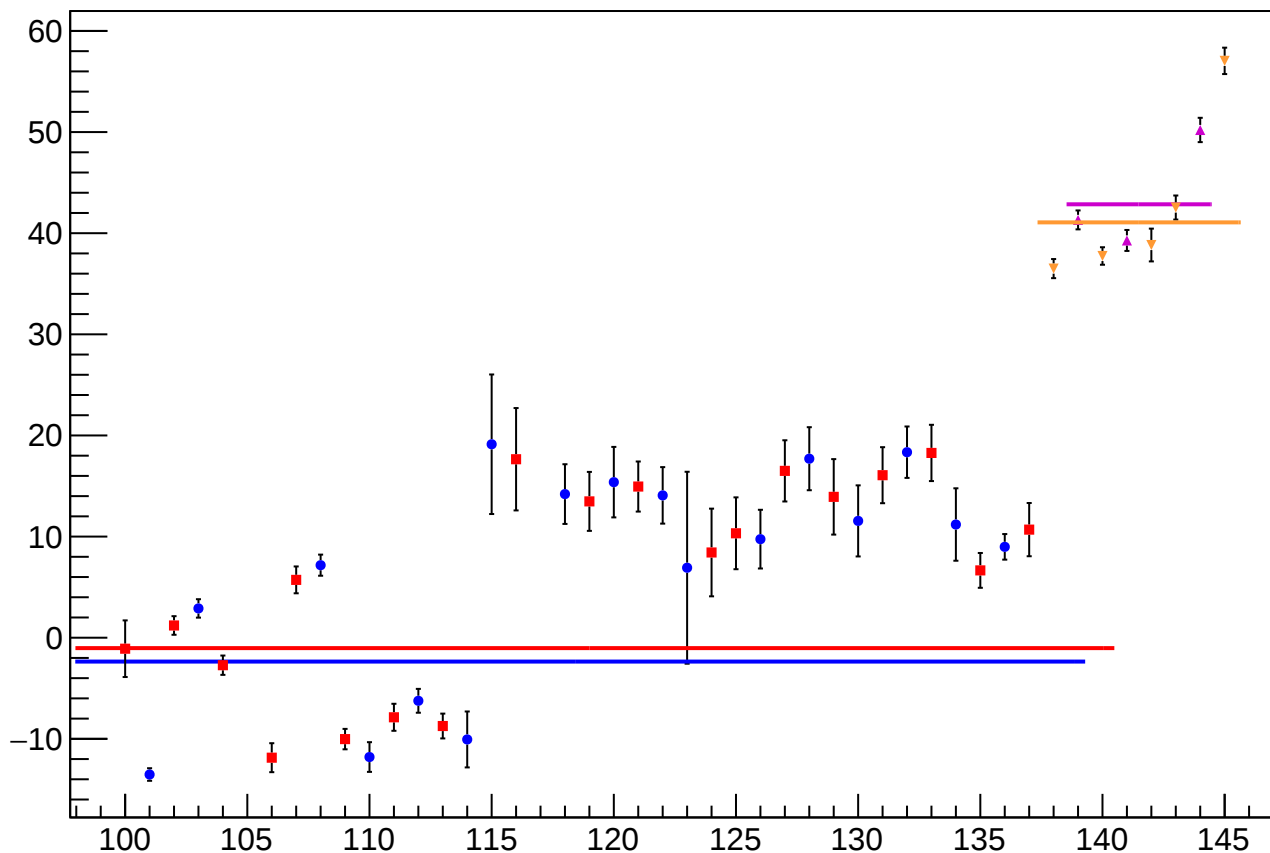
Right: 53.145+/-0.154 χ^2/NDF : 2073.0/35

In: 52.553+/-0.194 χ^2/NDF : 1954.9/19

Out: 52.062+/-0.193 χ^2/NDF : 1083.8/23

All: 52.307+/-0.137 χ^2/NDF : 3041.9/43

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 41.070 ± 0.492 χ^2/NDF : 191.4/4

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 42.858 ± 0.602 χ^2/NDF : 52.0/2

Left: 41.787 ± 0.381 χ^2/NDF : 248.7/7

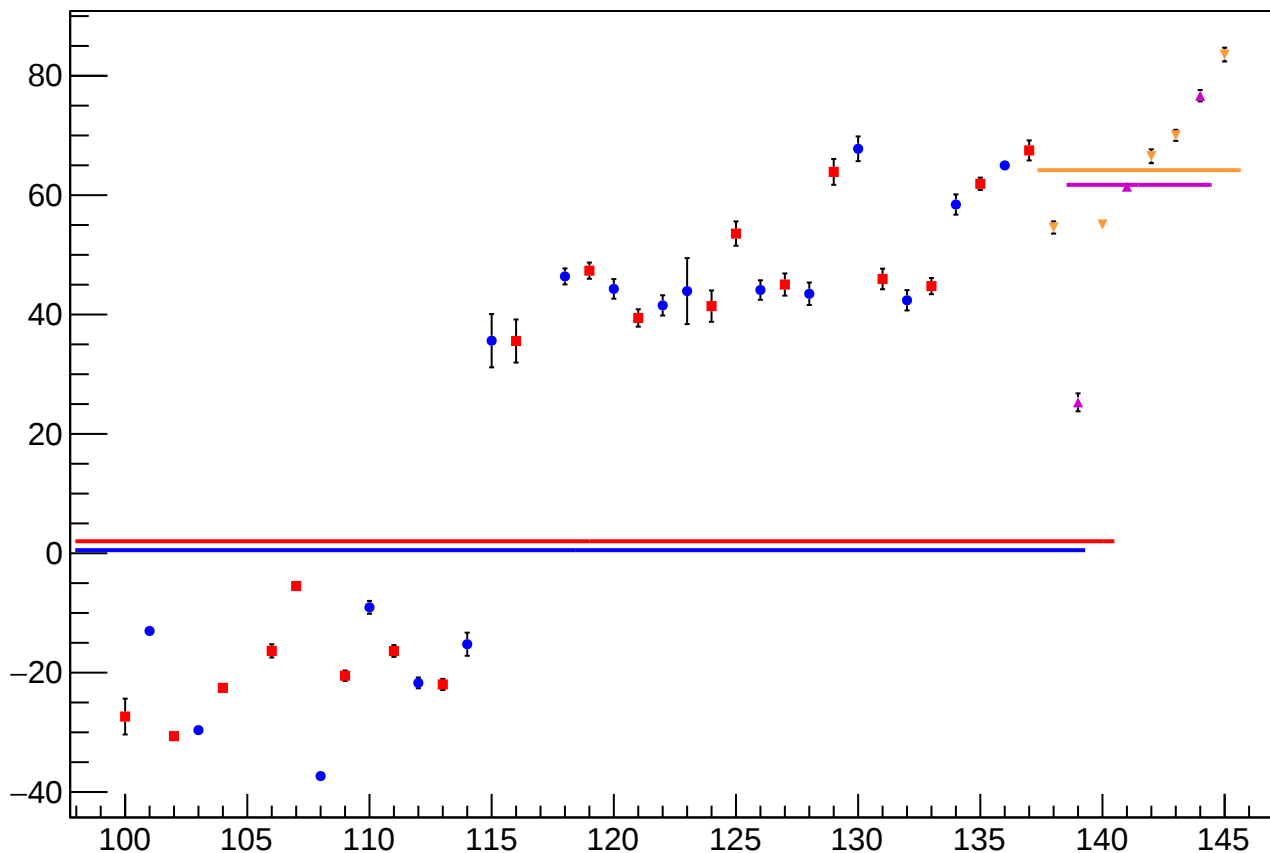
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 9.766 ± 0.312 χ^2/NDF : 5024.9/19

Out: 14.535 ± 0.299 χ^2/NDF : 5314.4/23

All: 12.247 ± 0.216 χ^2/NDF : 10461.2/43

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 64.186 $\pm$ 0.441 χ^2 /NDF:539.9/4

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 61.724 $\pm$ 0.580 χ^2 /NDF:832.5/2

Left: 63.286 $\pm$ 0.351 χ^2 /NDF: 1383.9/7

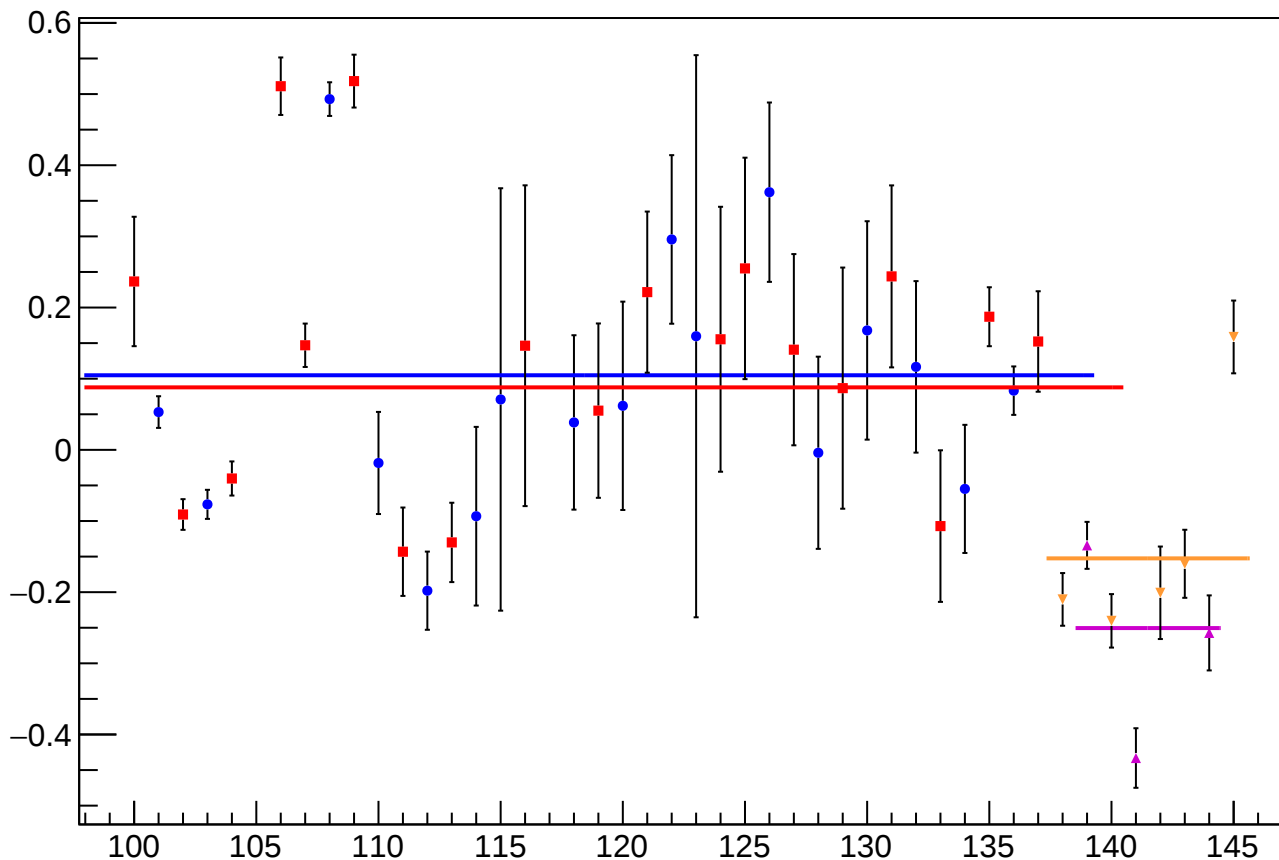
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 9.900 $\pm$ 0.227 χ^2 /NDF:28636.2/19

Out: 18.657 $\pm$ 0.228 χ^2 /NDF:30601.1/23

All: 14.265 $\pm$ 0.161 χ^2 /NDF: 59977.7/43

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.153 ± 0.020 $\chi^2/\text{NDF}: 45.5/4$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.250 ± 0.023 $\chi^2/\text{NDF}: 31.5/2$

Left: -0.194 ± 0.015 $\chi^2/\text{NDF}: 87.2/7$

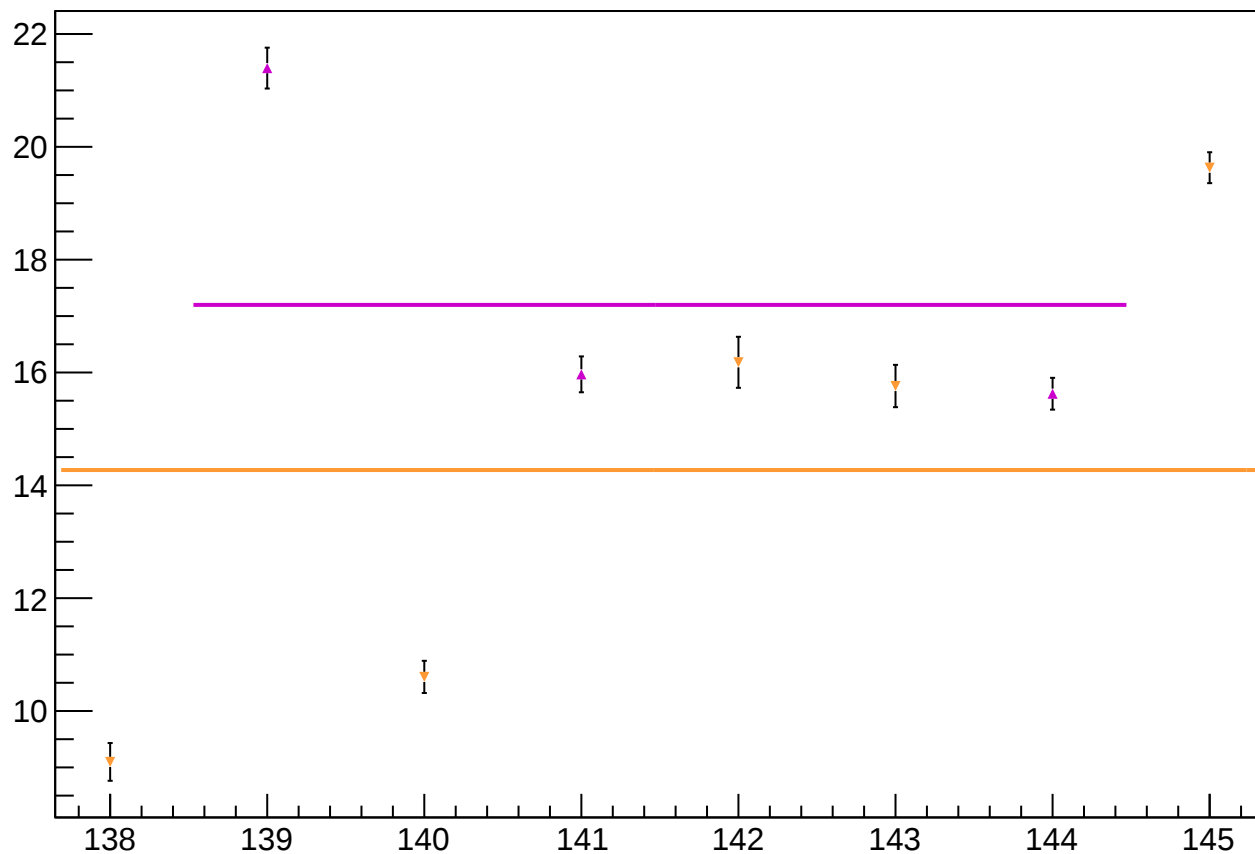
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: 0.040 ± 0.010 $\chi^2/\text{NDF}: 622.7/19$

Out: 0.032 ± 0.010 $\chi^2/\text{NDF}: 547.2/23$

All: 0.036 ± 0.007 $\chi^2/\text{NDF}: 1170.2/43$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.271+/-0.147 χ^2/NDF :820.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.198+/-0.182 χ^2/NDF :180.6/2

Left: 15.422+/-0.114 χ^2/NDF : 1157.4/7

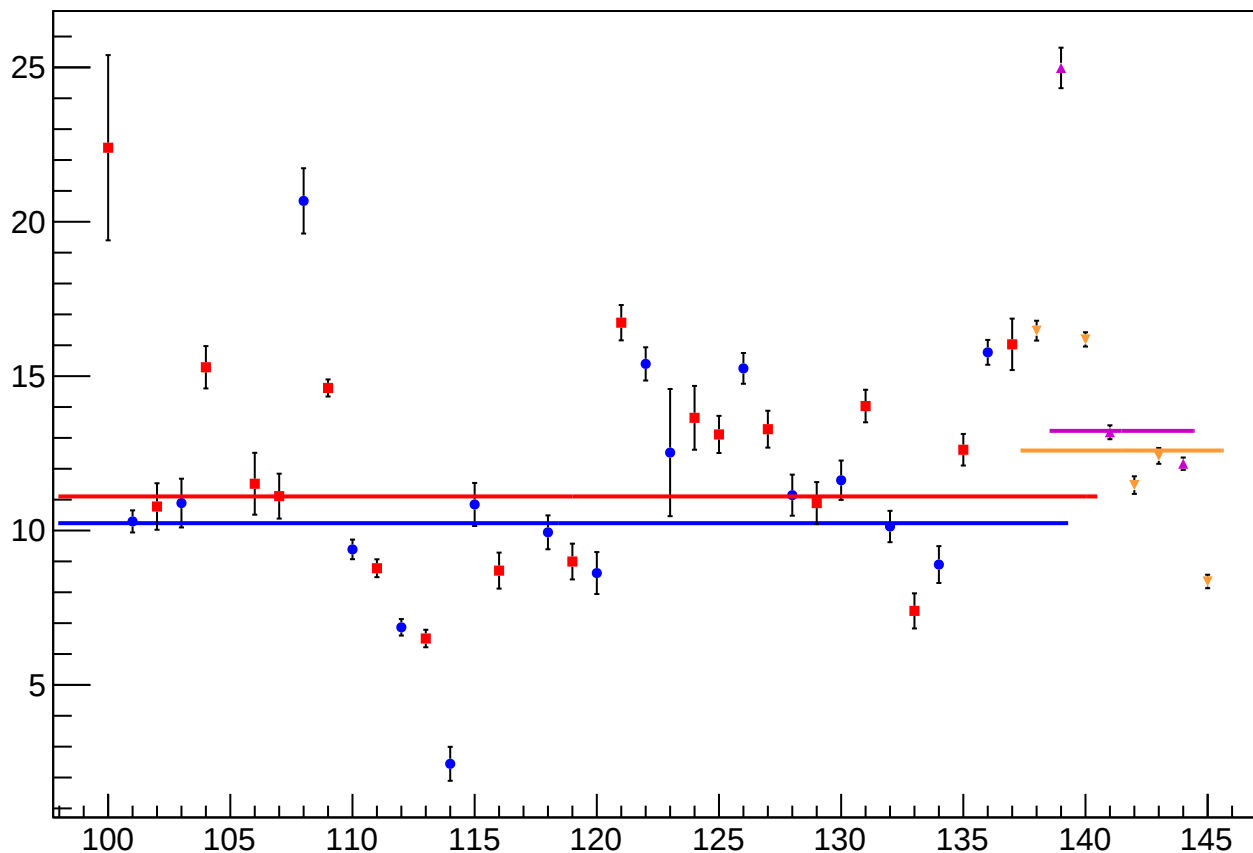
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.198+/-0.182 χ^2/NDF :180.6/2

Out: 14.271+/-0.147 χ^2/NDF :820.1/4

All: 15.422+/-0.114 χ^2/NDF : 1157.4/7

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 12.591 $\pm$ 0.114 χ^2 /NDF: 777.5/4

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 13.228 $\pm$ 0.146 χ^2 /NDF: 349.3/2

Left: 12.833 $\pm$ 0.090 χ^2 /NDF: 1138.6/7

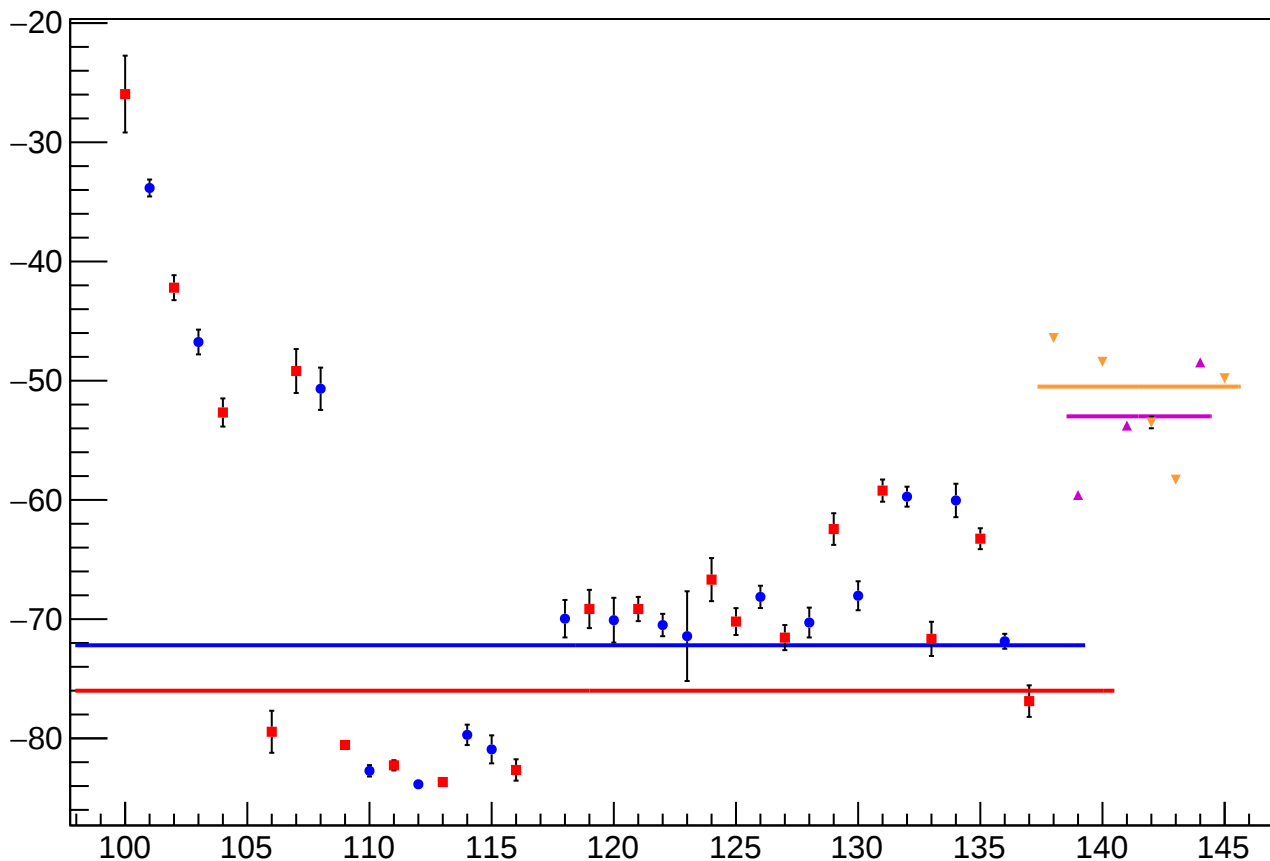
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 11.433 $\pm$ 0.092 χ^2 /NDF: 1468.3/19

Out: 11.861 $\pm$ 0.082 χ^2 /NDF: 1675.9/23

All: 11.674 $\pm$ 0.061 χ^2 /NDF: 3156.3/43

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192+/-0.198 χ^2/NDF : 5563.0/16

Left Out: -50.495+/-0.157 χ^2/NDF : 598.3/4

Right Out: -76.003+/-0.181 χ^2/NDF : 3465.3/18

Left In: -52.989+/-0.195 χ^2/NDF : 514.1/2

Left: -51.474+/-0.122 χ^2/NDF : 1211.5/7

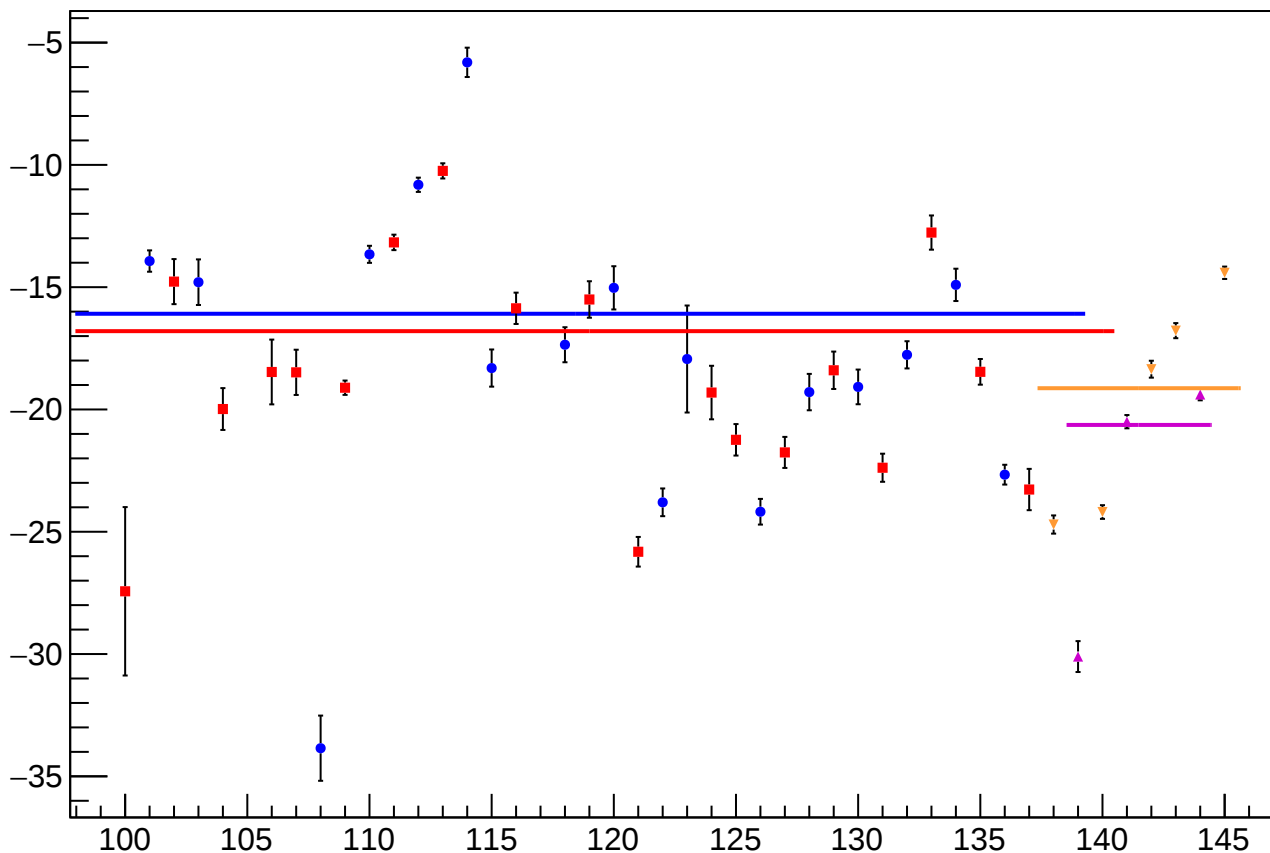
Right: -74.270+/-0.134 χ^2/NDF : 9230.0/35

In: -62.446+/-0.139 χ^2/NDF : 10844.3/19

Out: -61.439+/-0.119 χ^2/NDF : 15409.8/23

All: -61.863+/-0.090 χ^2/NDF : 26284.5/43

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2 /NDF: 1621.7/16

Left Out: -19.131 $\pm$ 0.136 χ^2 /NDF:961.4/4

Right Out: -16.798 $\pm$ 0.128 χ^2 /NDF: 1214.0/18

Left In: -20.632 $\pm$ 0.172 χ^2 /NDF:252.3/2

Left: -19.705 $\pm$ 0.107 χ^2 /NDF: 1260.5/7

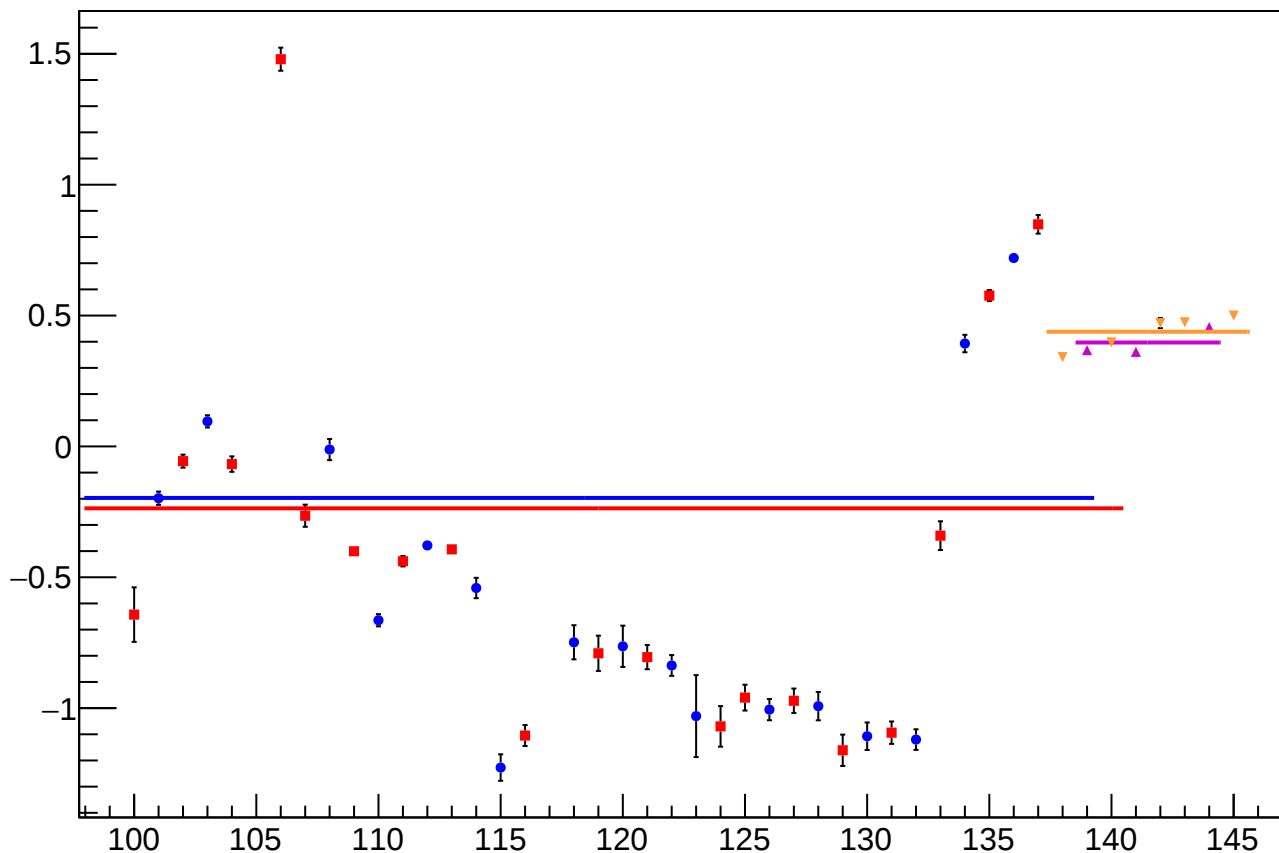
Right: -16.454 $\pm$ 0.092 χ^2 /NDF: 2850.6/35

In: -17.774 $\pm$ 0.105 χ^2 /NDF:2311.4/19

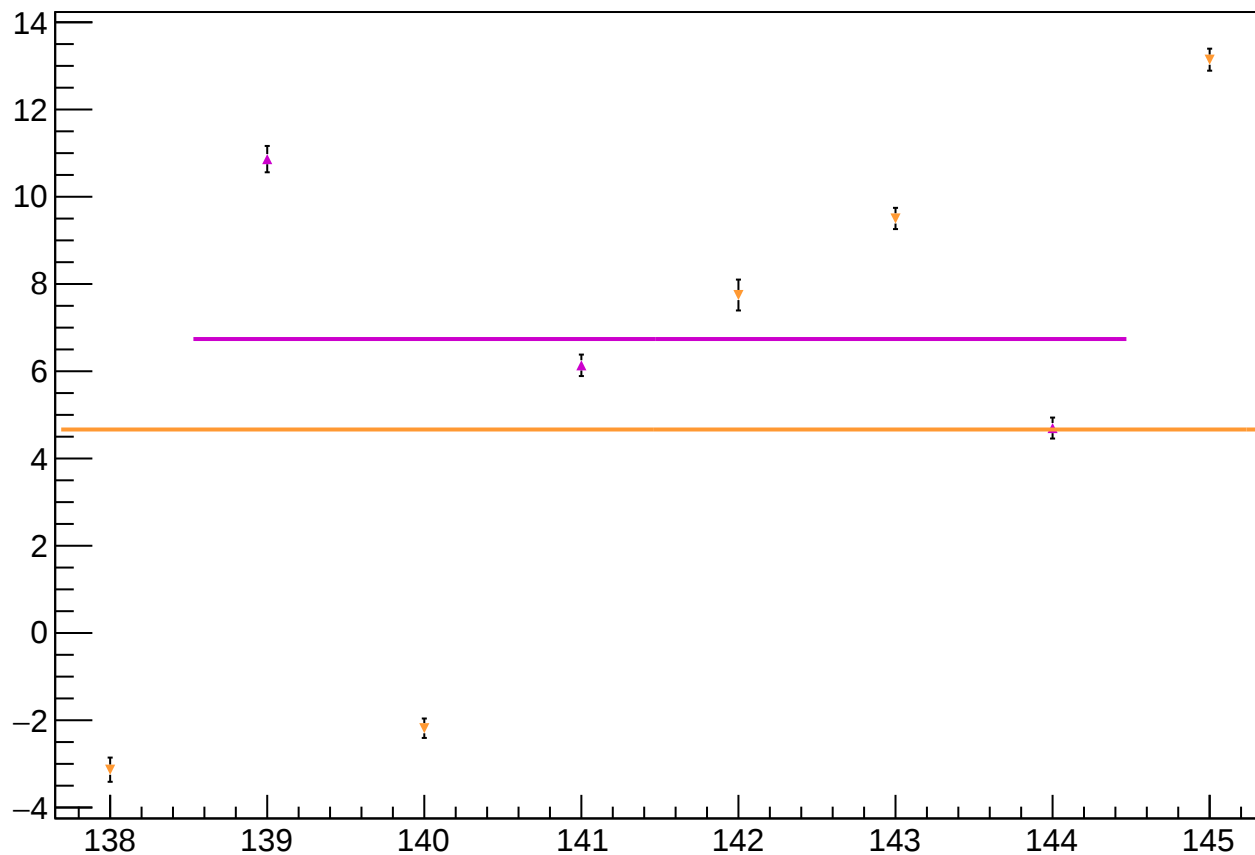
Out: -17.899 $\pm$ 0.093 χ^2 /NDF:2331.8/23

All: -17.844 $\pm$ 0.070 χ^2 /NDF: 4643.9/43

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



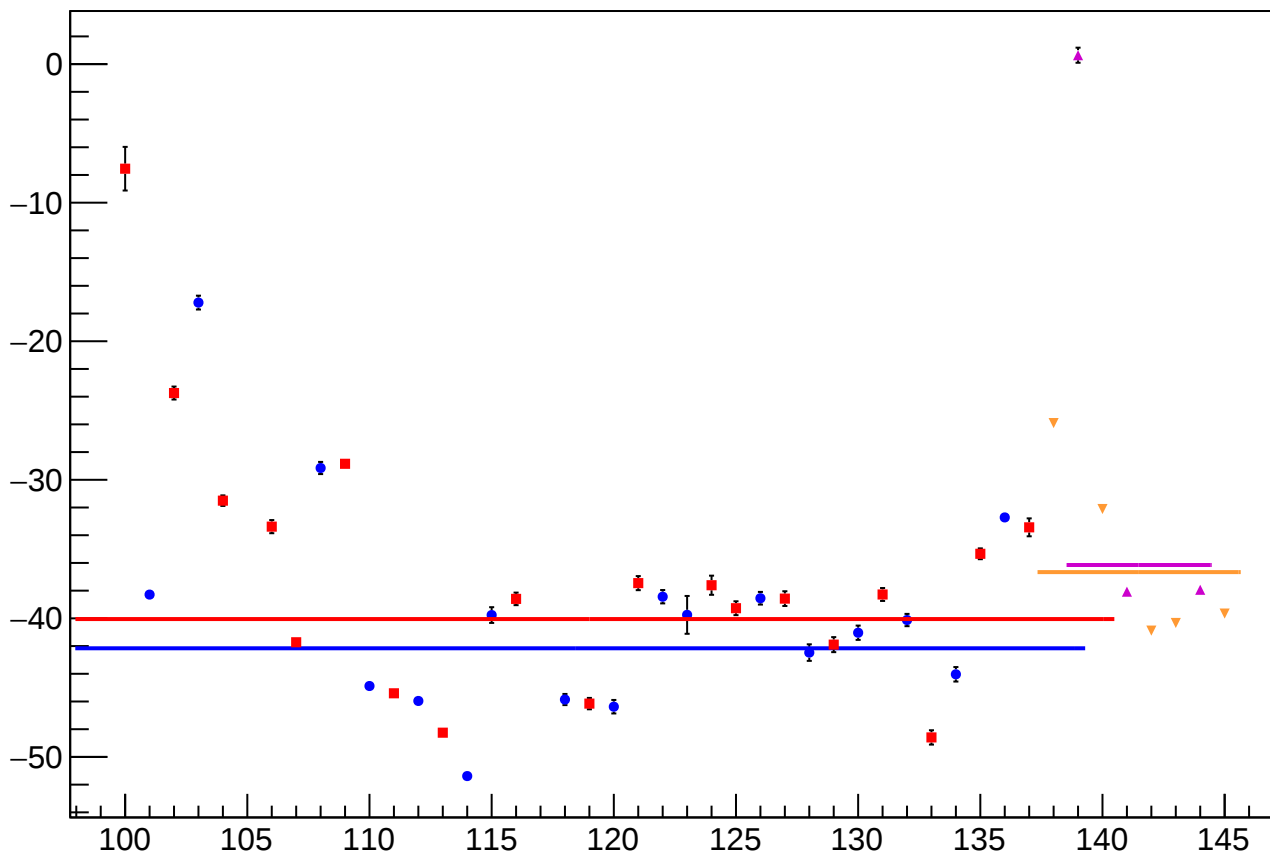
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.665+/-0.116 χ^2/NDF :3333.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.739+/-0.149 χ^2/NDF :264.8/2

Left: 5.449+/-0.092 χ^2/NDF : 3718.0/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.739+/-0.149 χ^2/NDF :264.8/2
 Out: 4.665+/-0.116 χ^2/NDF :3333.5/4
 All: 5.449+/-0.092 χ^2/NDF : 3718.0/7

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2/NDF : 6570.6/16

Left Out: -36.662 $\pm$ 0.090 χ^2/NDF : 3281.5/4

Right Out: -40.050 $\pm$ 0.073 χ^2/NDF : 11311.3/18

Left In: -36.149 $\pm$ 0.119 χ^2/NDF : 4794.2/2

Left: -36.476 $\pm$ 0.072 χ^2/NDF : 8087.5/7

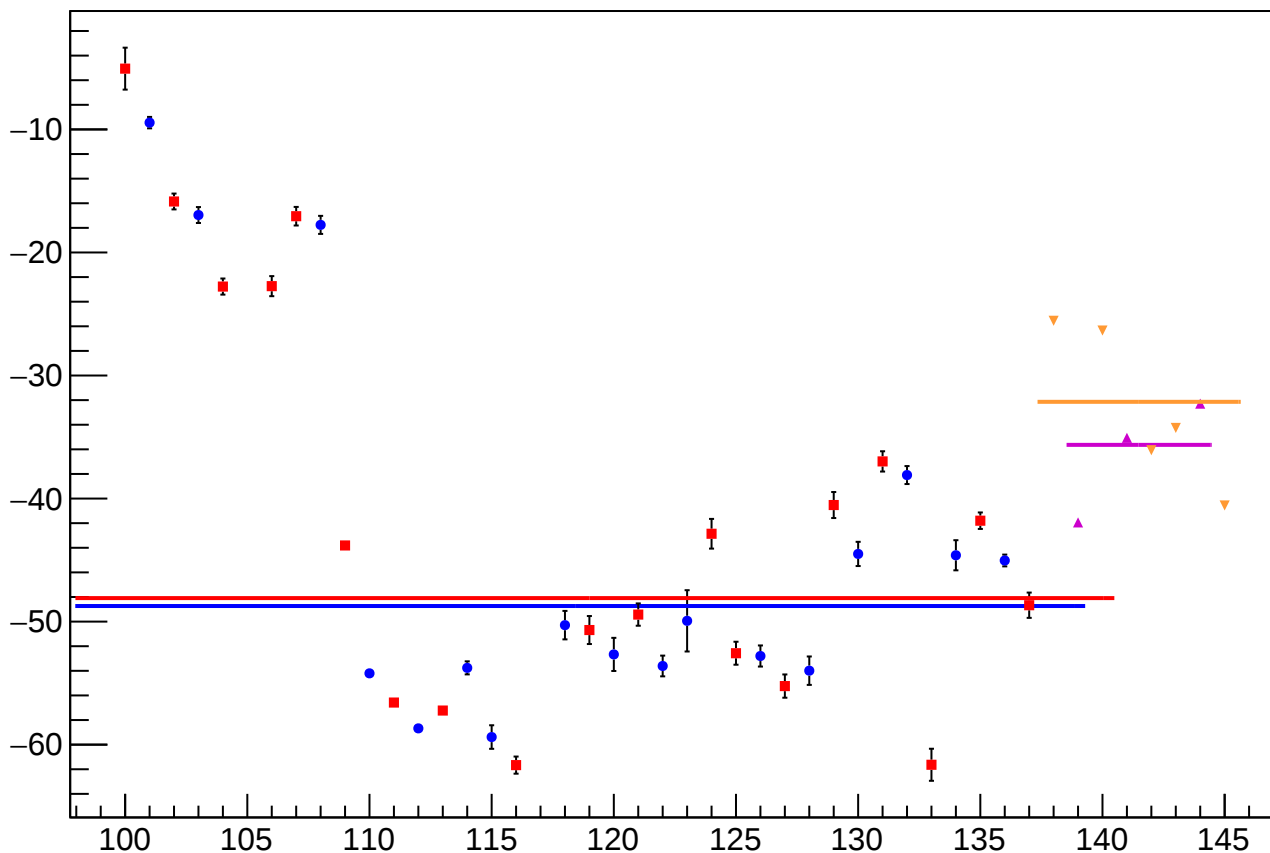
Right: -41.033 $\pm$ 0.053 χ^2/NDF : 18273.5/35

In: -40.363 $\pm$ 0.065 χ^2/NDF : 13144.5/19

Out: -38.707 $\pm$ 0.057 χ^2/NDF : 15452.2/23

All: -39.417 $\pm$ 0.043 χ^2/NDF : 28964.6/43

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -32.138 ± 0.125 $\chi^2/\text{NDF}: 2235.5/4$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -35.636 ± 0.160 $\chi^2/\text{NDF}: 546.1/2$

Left: -33.457 ± 0.098 $\chi^2/\text{NDF}: 3079.4/7$

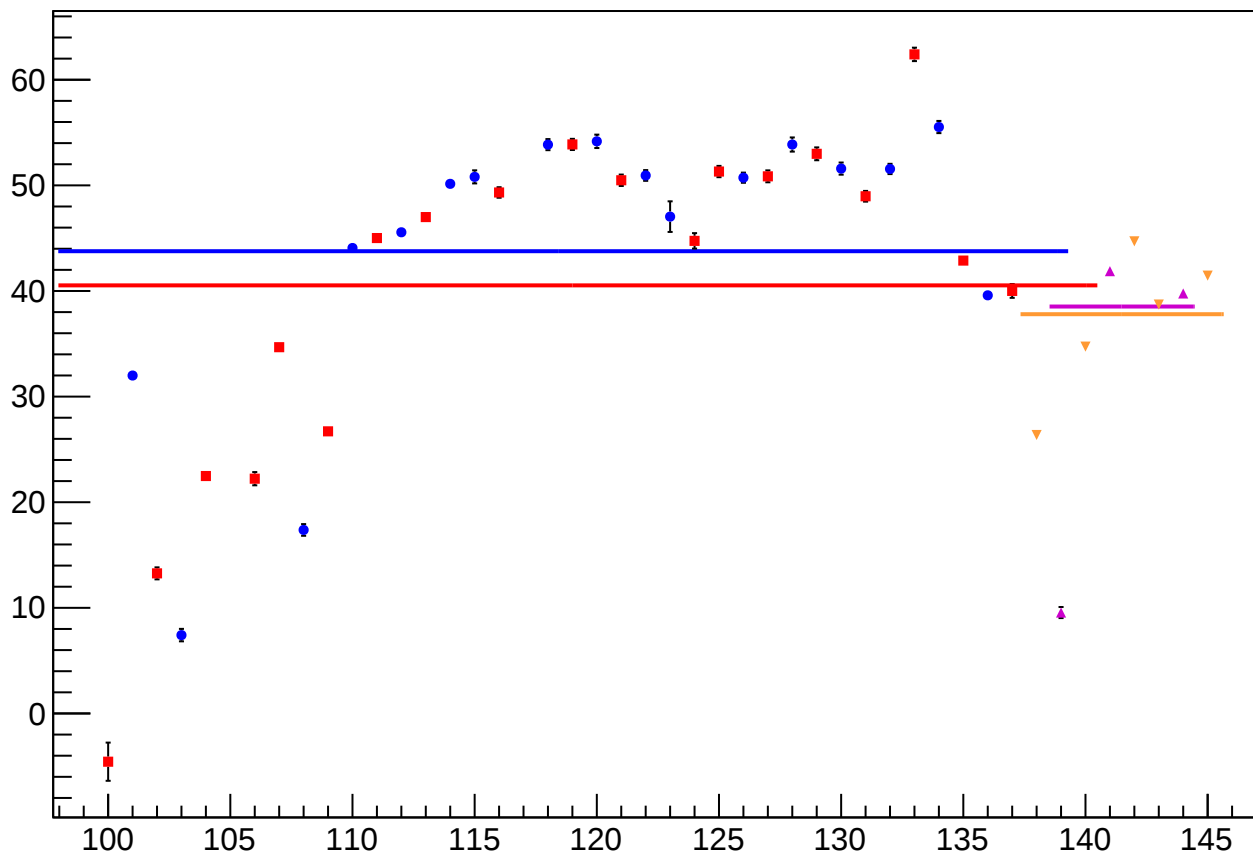
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -43.784 ± 0.098 $\chi^2/\text{NDF}: 19375.1/19$

Out: -41.297 ± 0.081 $\chi^2/\text{NDF}: 23392.2/23$

All: -42.306 ± 0.063 $\chi^2/\text{NDF}: 43147.5/43$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 37.802 $\pm$ 0.107 χ^2 /NDF: 2461.8/4

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 38.529 $\pm$ 0.141 χ^2 /NDF: 3343.6/2

Left: 38.067 $\pm$ 0.085 χ^2 /NDF: 5822.3/7

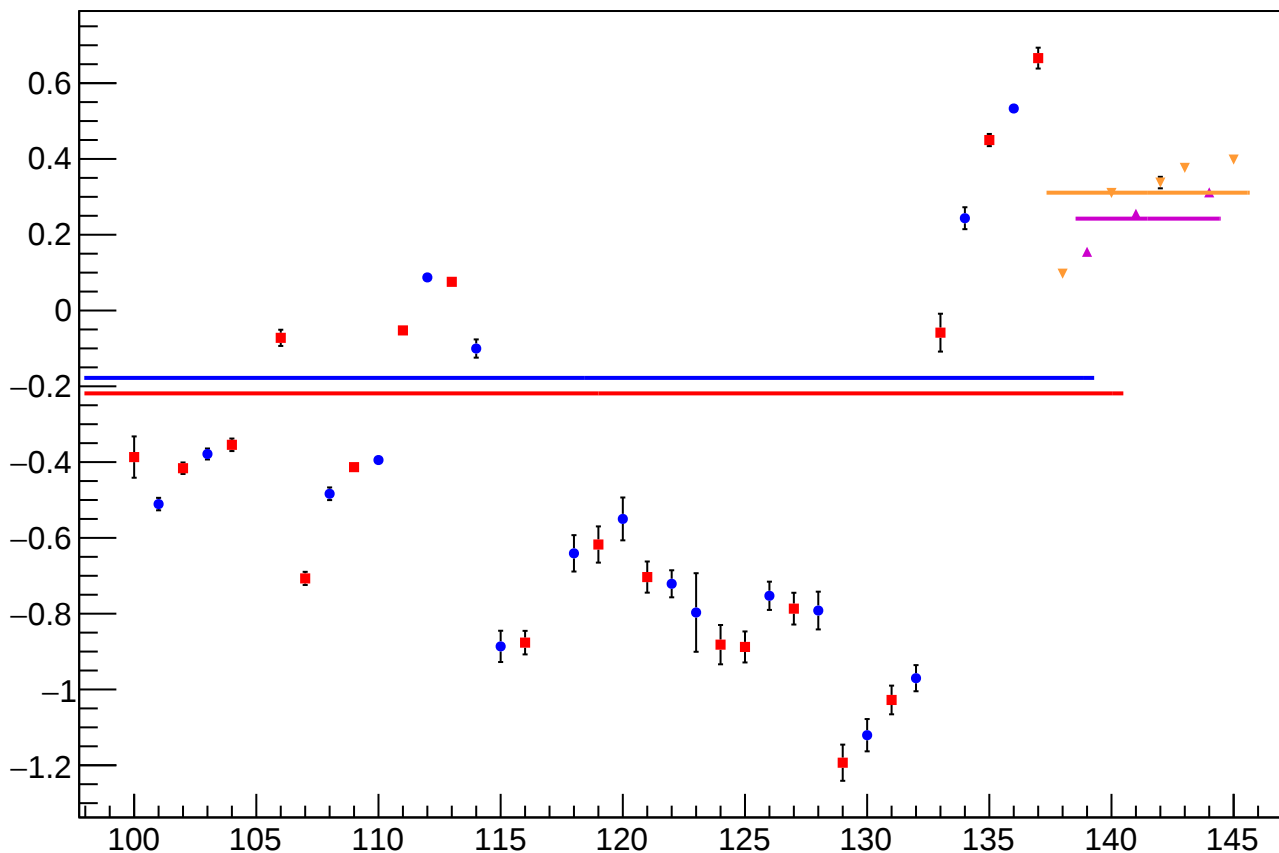
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.324 $\pm$ 0.074 χ^2 /NDF: 14979.8/19

Out: 39.547 $\pm$ 0.064 χ^2 /NDF: 20460.5/23

All: 40.740 $\pm$ 0.048 χ^2 /NDF: 36246.1/43

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.311 ± 0.005 χ^2/NDF : 431.4/4

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.242 ± 0.006 χ^2/NDF : 97.5/2

Left: 0.285 ± 0.004 χ^2/NDF : 599.3/7

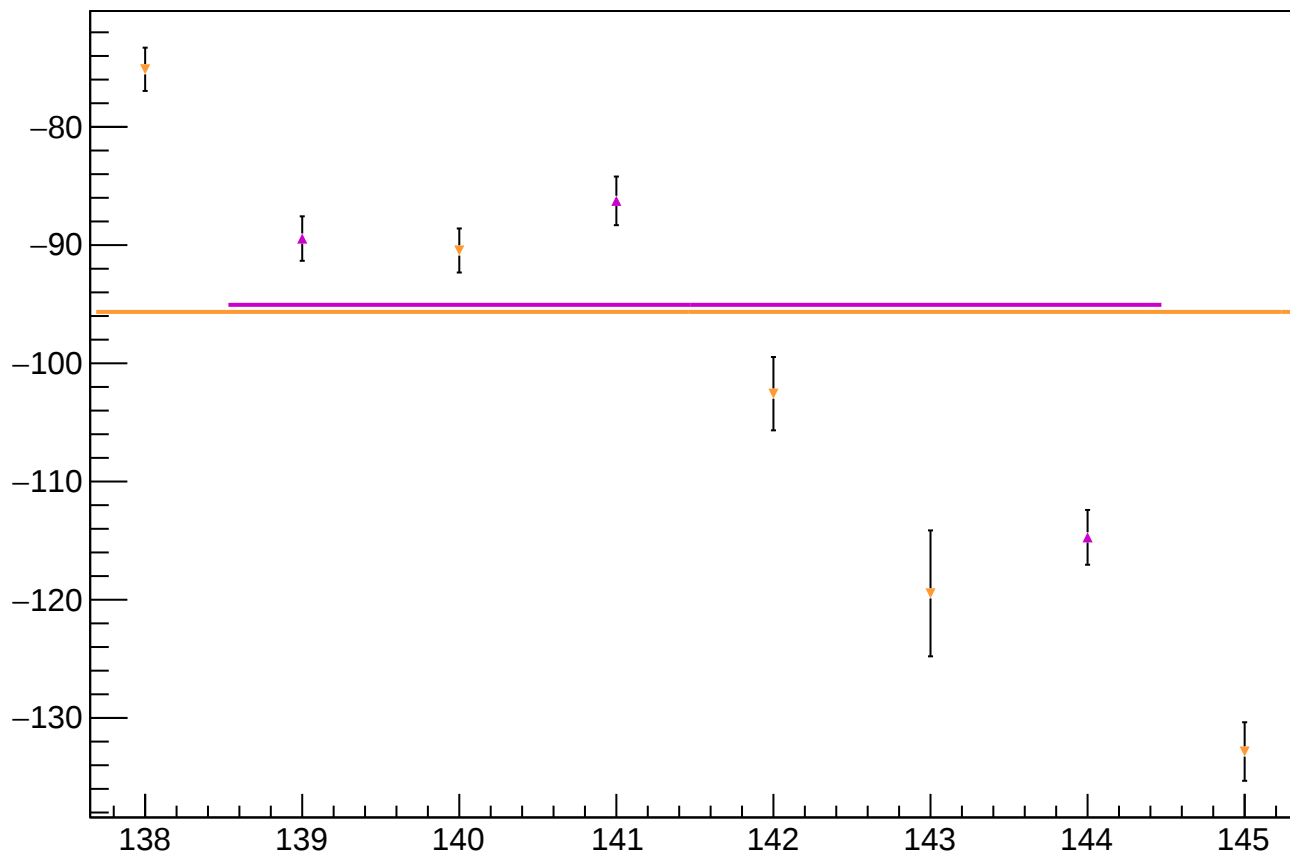
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: -0.025 ± 0.004 χ^2/NDF : 10205.8/19

Out: 0.003 ± 0.003 χ^2/NDF : 14243.5/23

All: -0.009 ± 0.002 χ^2/NDF : 24479.0/43

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -95.651+/-1.061 χ^2/NDF :384.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -95.053+/-1.191 χ^2/NDF :99.2/2

Left: -95.387+/-0.792 χ^2/NDF : 483.5/7

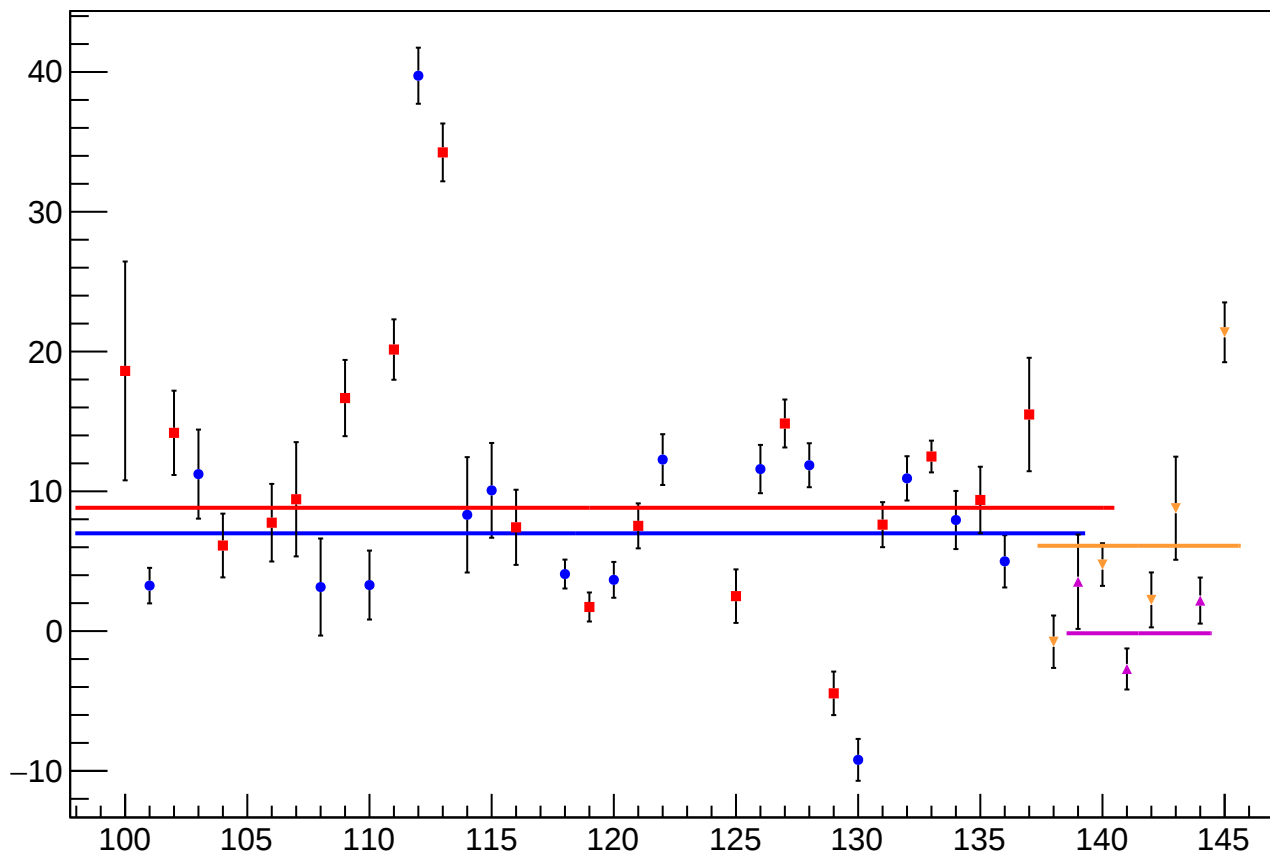
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.053+/-1.191 χ^2/NDF :99.2/2

Out: -95.651+/-1.061 χ^2/NDF :384.1/4

All: -95.387+/-0.792 χ^2/NDF : 483.5/7

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 6.104 $\pm$ 0.889 χ^2 /NDF:69.5/4

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: -0.156 $\pm$ 1.043 χ^2 /NDF:6.2/2

Left: 3.469 $\pm$ 0.677 χ^2 /NDF: 96.6/7

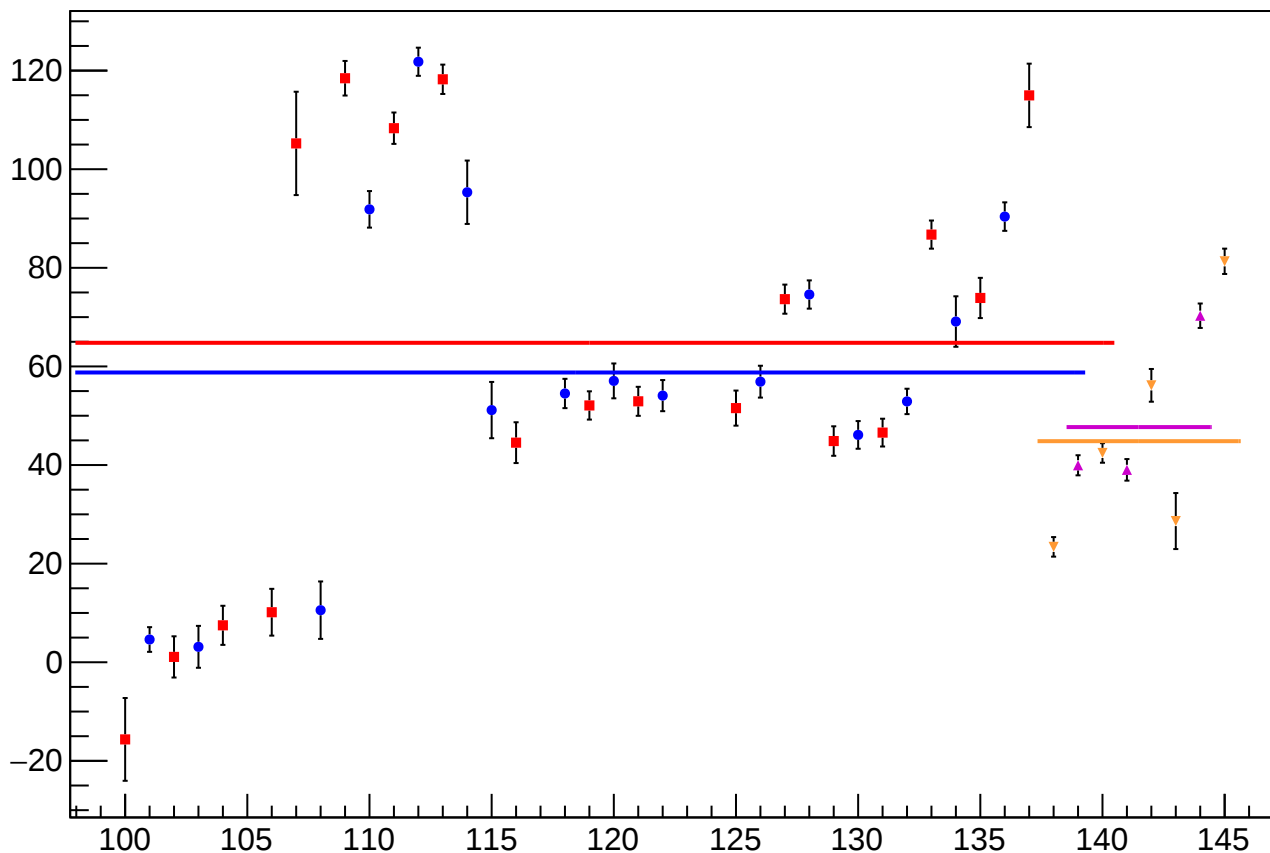
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 5.939 $\pm$ 0.401 χ^2 /NDF:491.7/18

Out: 8.271 $\pm$ 0.401 χ^2 /NDF:427.4/22

All: 7.106 $\pm$ 0.283 χ^2 /NDF: 936.0/41

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 +/- 0.833 χ^2/NDF : 1493.3/15

Left Out: 44.839 +/- 1.131 χ^2/NDF : 339.6/4

Right Out: 64.792 +/- 0.840 χ^2/NDF : 1718.1/17

Left In: 47.699 +/- 1.278 χ^2/NDF : 113.2/2

Left: 46.096 +/- 0.847 χ^2/NDF : 455.6/7

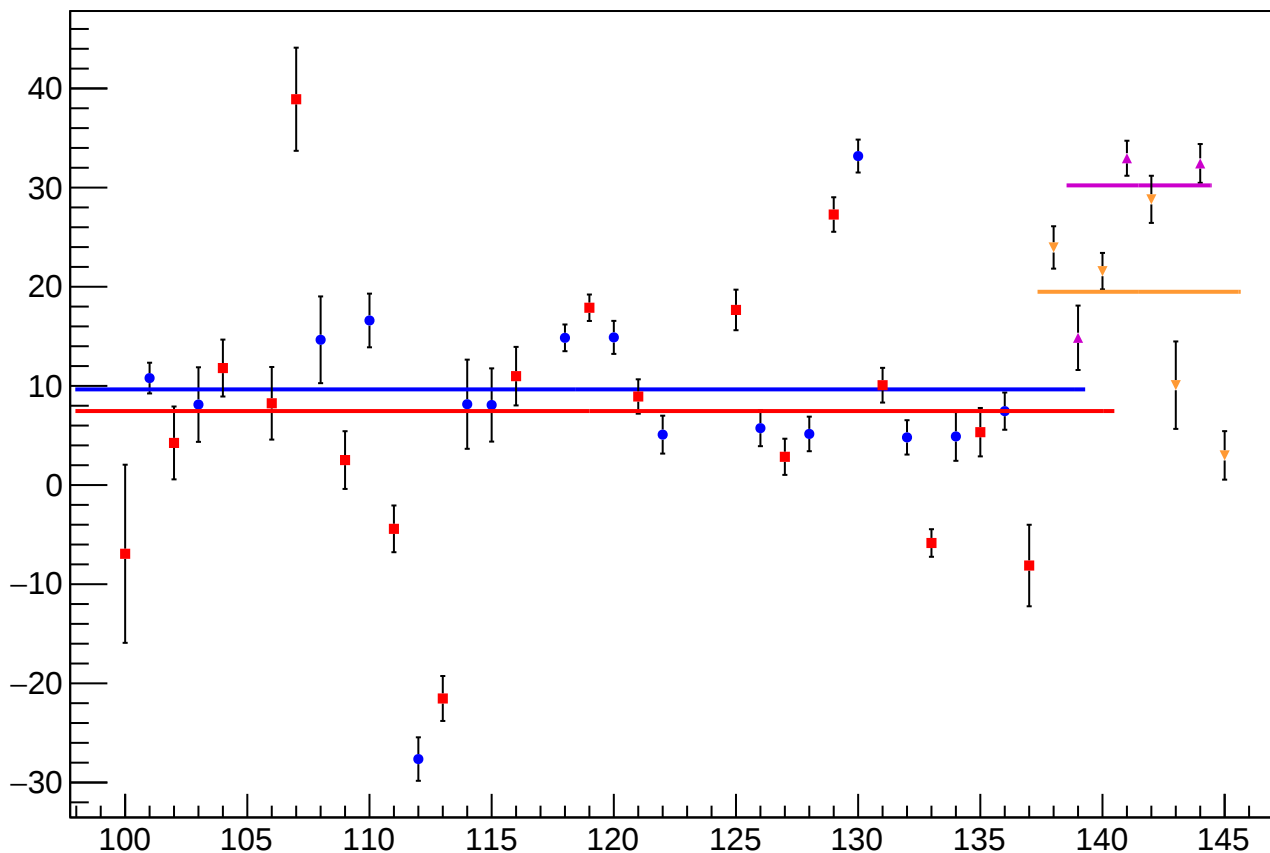
Right: 61.754 +/- 0.592 χ^2/NDF : 3237.3/33

In: 55.469 +/- 0.698 χ^2/NDF : 1659.2/18

Out: 57.696 +/- 0.675 χ^2/NDF : 2258.1/22

All: 56.620 +/- 0.485 χ^2/NDF : 3922.6/41

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 19.493 $\pm$ 1.048 χ^2 /NDF: 71.1/4

Right Out: 7.463 $\pm$ 0.516 χ^2 /NDF: 566.9/17

Left In: 30.223 $\pm$ 1.216 χ^2 /NDF: 26.1/2

Left: 24.070 $\pm$ 0.794 χ^2 /NDF: 141.9/7

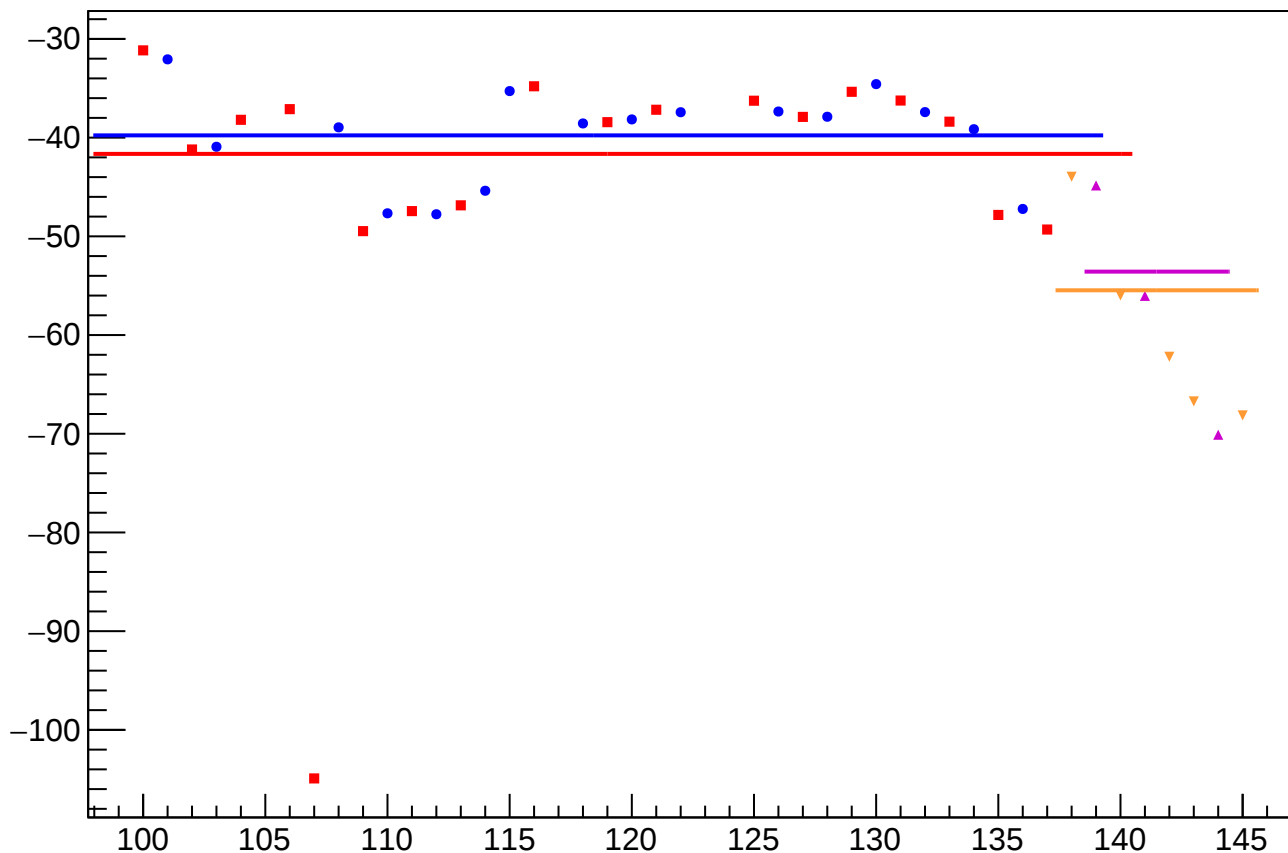
Right: 8.585 $\pm$ 0.360 χ^2 /NDF: 1129.6/33

In: 12.646 $\pm$ 0.464 χ^2 /NDF: 824.4/18

Out: 9.806 $\pm$ 0.463 χ^2 /NDF: 744.0/22

All: 11.222 $\pm$ 0.328 χ^2 /NDF: 1587.2/41

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -54.586 ± 0.034 χ^2/NDF : 81841.6/7

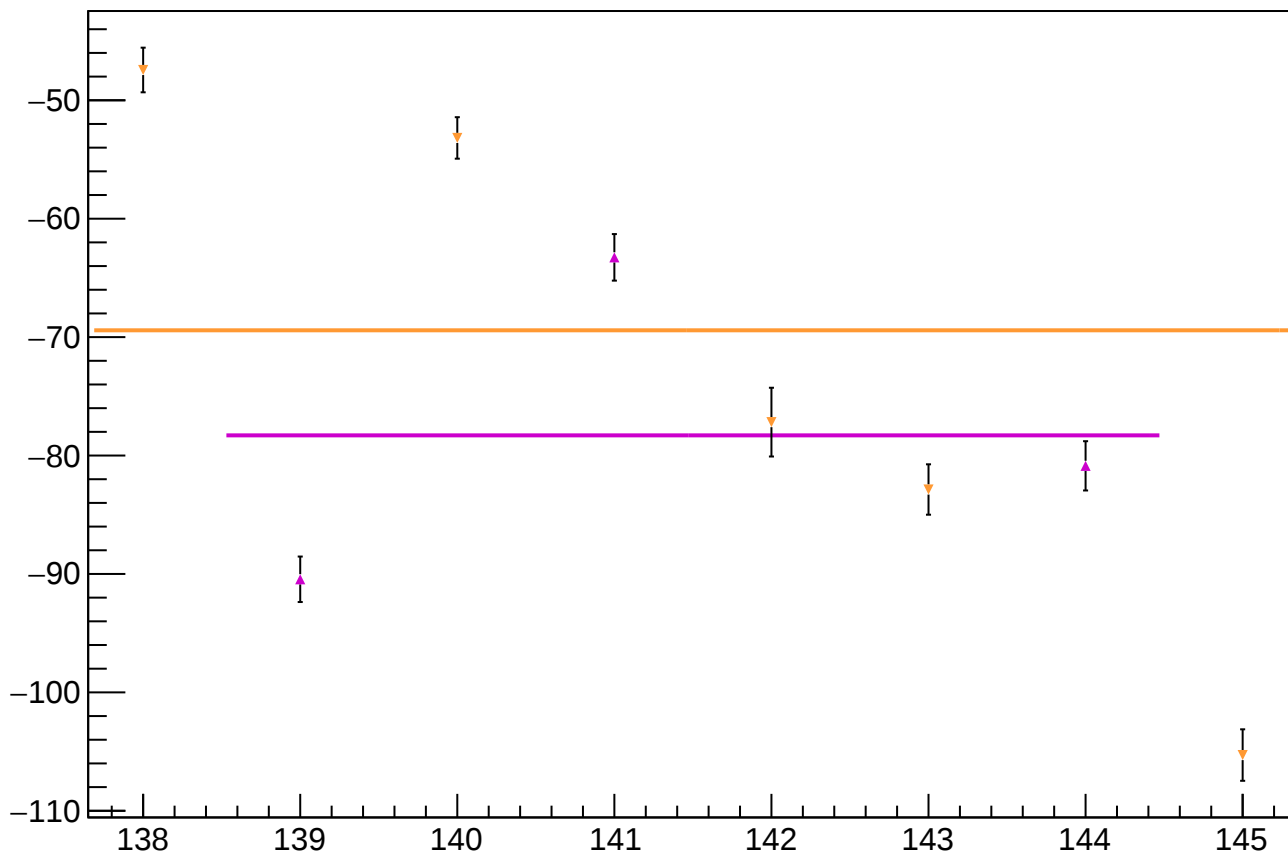
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -43.680 ± 0.026 χ^2/NDF : 120754.5/18

Out: -45.981 ± 0.026 χ^2/NDF : 198304.0/22

All: -44.852 ± 0.018 χ^2/NDF : 322946.5/41

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.424+/-0.929 χ^2/NDF :541.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.296+/-1.146 χ^2/NDF :100.1/2

Left: -72.942+/-0.722 χ^2/NDF : 677.5/7

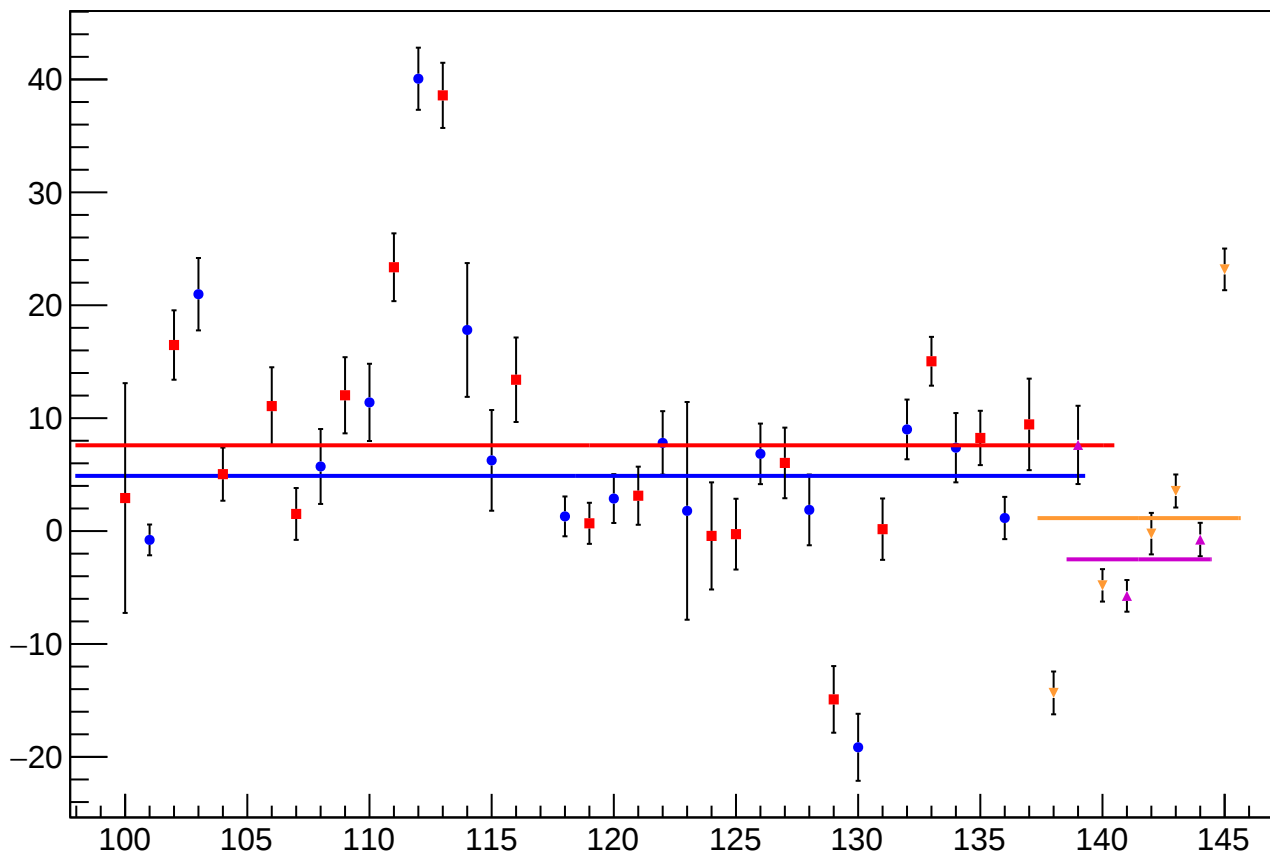
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.296+/-1.146 χ^2/NDF :100.1/2

Out: -69.424+/-0.929 χ^2/NDF :541.3/4

All: -72.942+/-0.722 χ^2/NDF : 677.5/7

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 1.148 ± 0.741 χ^2/NDF : 229.7/4

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: -2.504 ± 0.977 χ^2/NDF : 15.3/2

Left: -0.186 ± 0.591 χ^2/NDF : 253.8/7

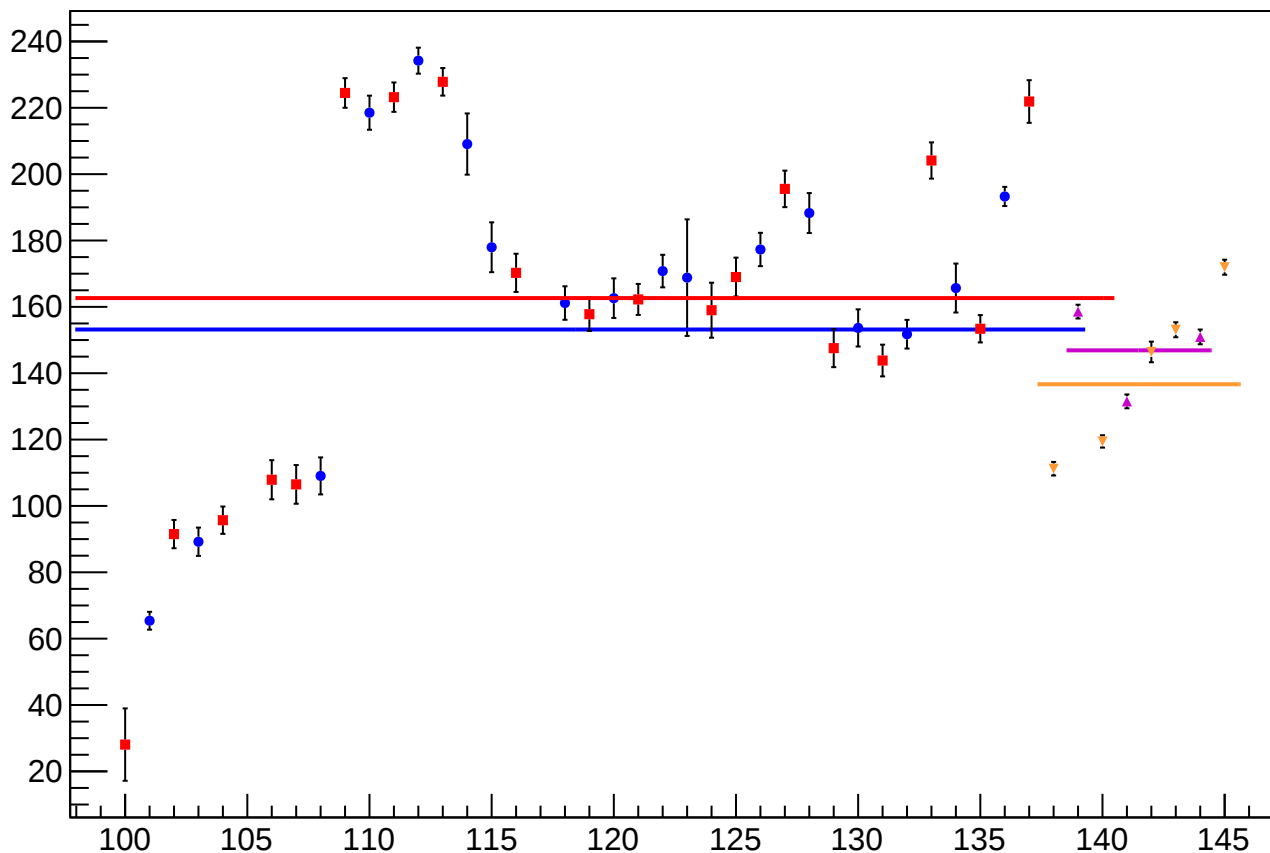
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 2.757 ± 0.525 χ^2/NDF : 350.7/19

Out: 4.789 ± 0.489 χ^2/NDF : 541.8/23

All: 3.844 ± 0.358 χ^2/NDF : 900.5/43

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2/NDF : 2264.3/16

Left Out: 136.671 $\pm$ 0.991 χ^2/NDF :544.3/4

Right Out: 162.650 $\pm$ 1.176 χ^2/NDF : 1708.7/18

Left In: 146.893 $\pm$ 1.229 χ^2/NDF :89.1/2

Left: 140.699 $\pm$ 0.771 χ^2/NDF : 675.3/7

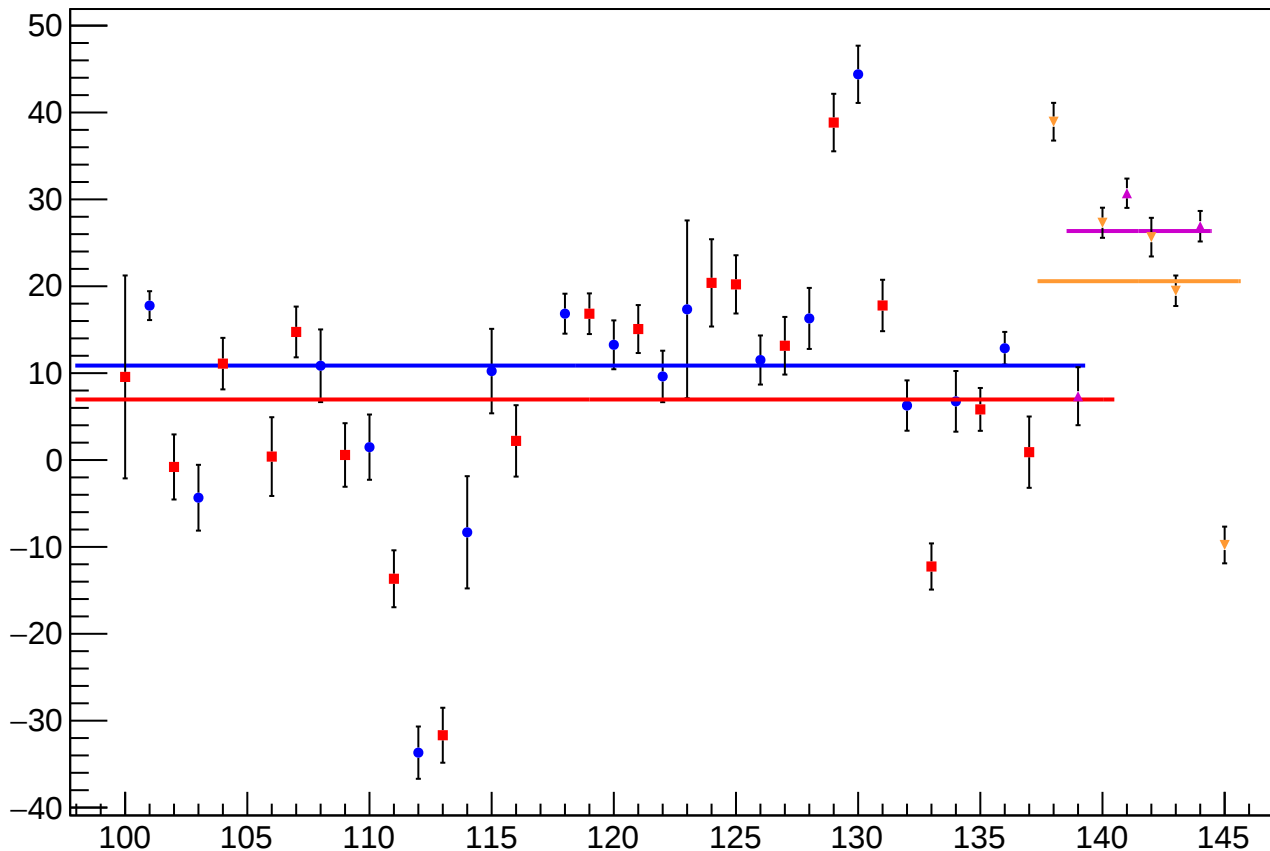
Right: 157.790 $\pm$ 0.821 χ^2/NDF : 4006.2/35

In: 150.251 $\pm$ 0.838 χ^2/NDF :2367.3/19

Out: 147.454 $\pm$ 0.758 χ^2/NDF :2538.3/23

All: 148.712 $\pm$ 0.562 χ^2/NDF : 4911.7/43

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 20.584 $\pm$ 0.879 χ^2 /NDF:298.6/4

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 26.358 $\pm$ 1.143 χ^2 /NDF:39.2/2

Left: 22.728 $\pm$ 0.697 χ^2 /NDF: 353.9/7

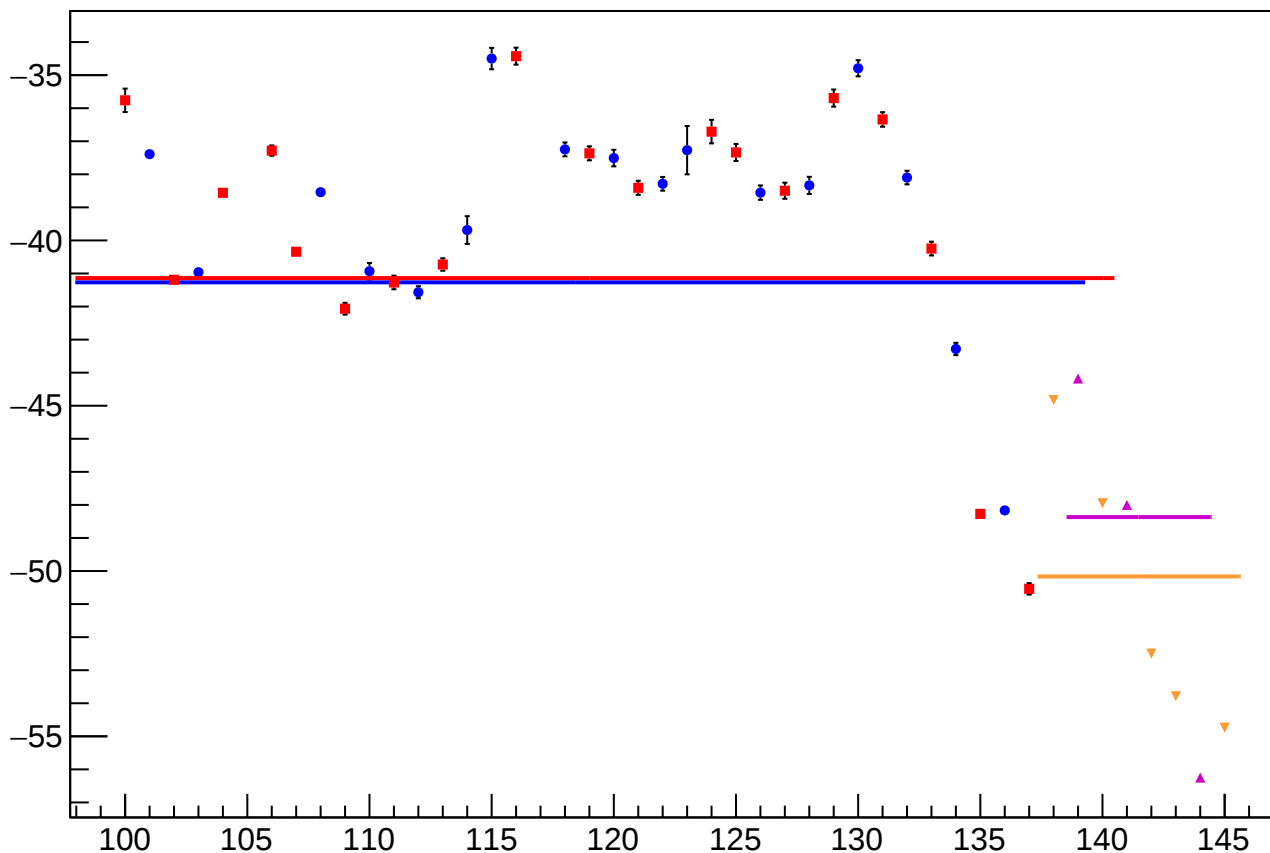
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 15.221 $\pm$ 0.606 χ^2 /NDF:557.8/19

Out: 12.687 $\pm$ 0.569 χ^2 /NDF:860.3/23

All: 13.875 $\pm$ 0.415 χ^2 /NDF: 1427.4/43

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267+/-0.039 χ^2/NDF : 12581.8/16

Left Out: -50.165+/-0.040 χ^2/NDF : 9632.0/4

Right Out: -41.139+/-0.039 χ^2/NDF : 12242.4/18

Left In: -48.368+/-0.048 χ^2/NDF : 9843.3/2

Left: -49.422+/-0.031 χ^2/NDF : 20291.8/7

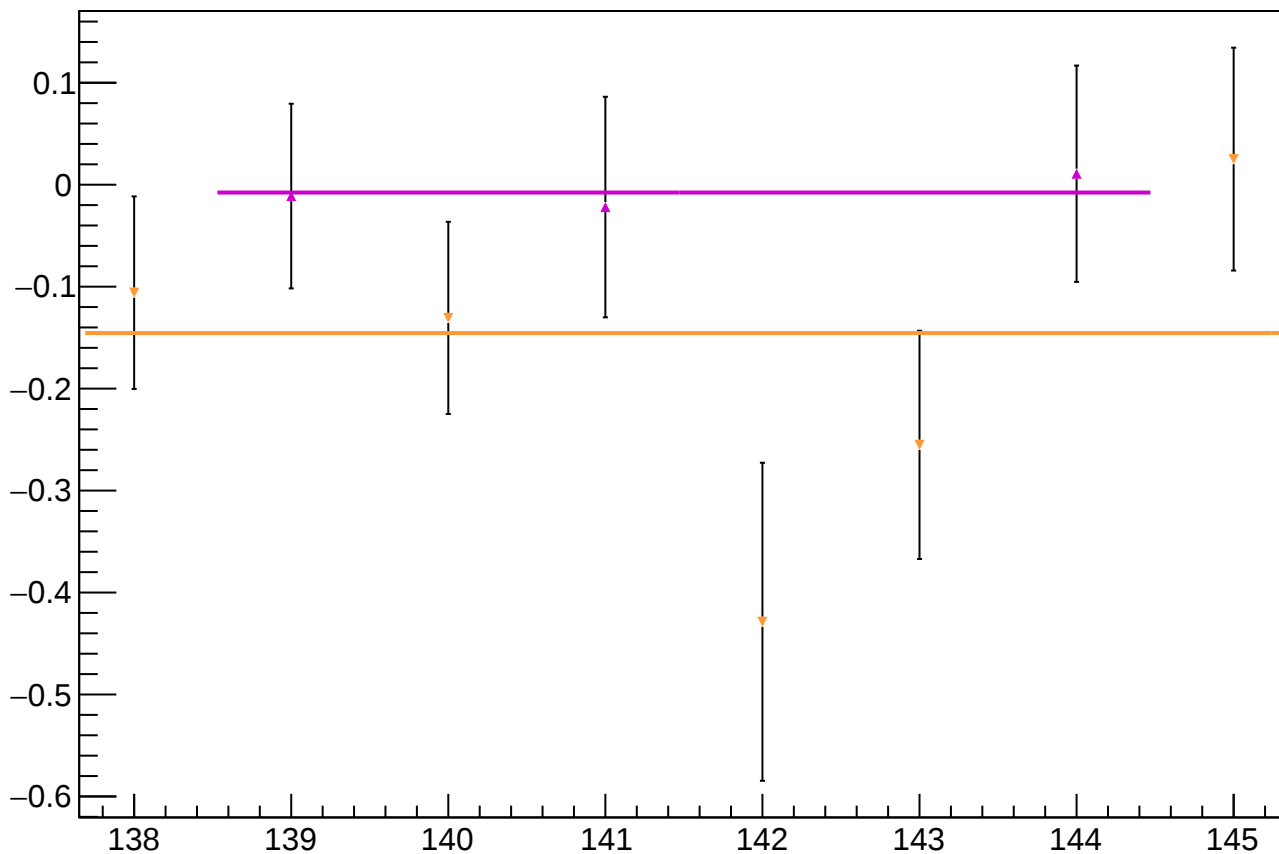
Right: -41.203+/-0.027 χ^2/NDF : 24829.7/35

In: -44.039+/-0.030 χ^2/NDF : 35690.5/19

Out: -45.445+/-0.028 χ^2/NDF : 47944.8/23

All: -44.795+/-0.020 χ^2/NDF : 84809.2/43

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.145 ± 0.048 $\chi^2/\text{NDF}: 6.9/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.008 ± 0.058 $\chi^2/\text{NDF}: 0.0/2$

Left: -0.089 ± 0.037 $\chi^2/\text{NDF}: 10.3/7$

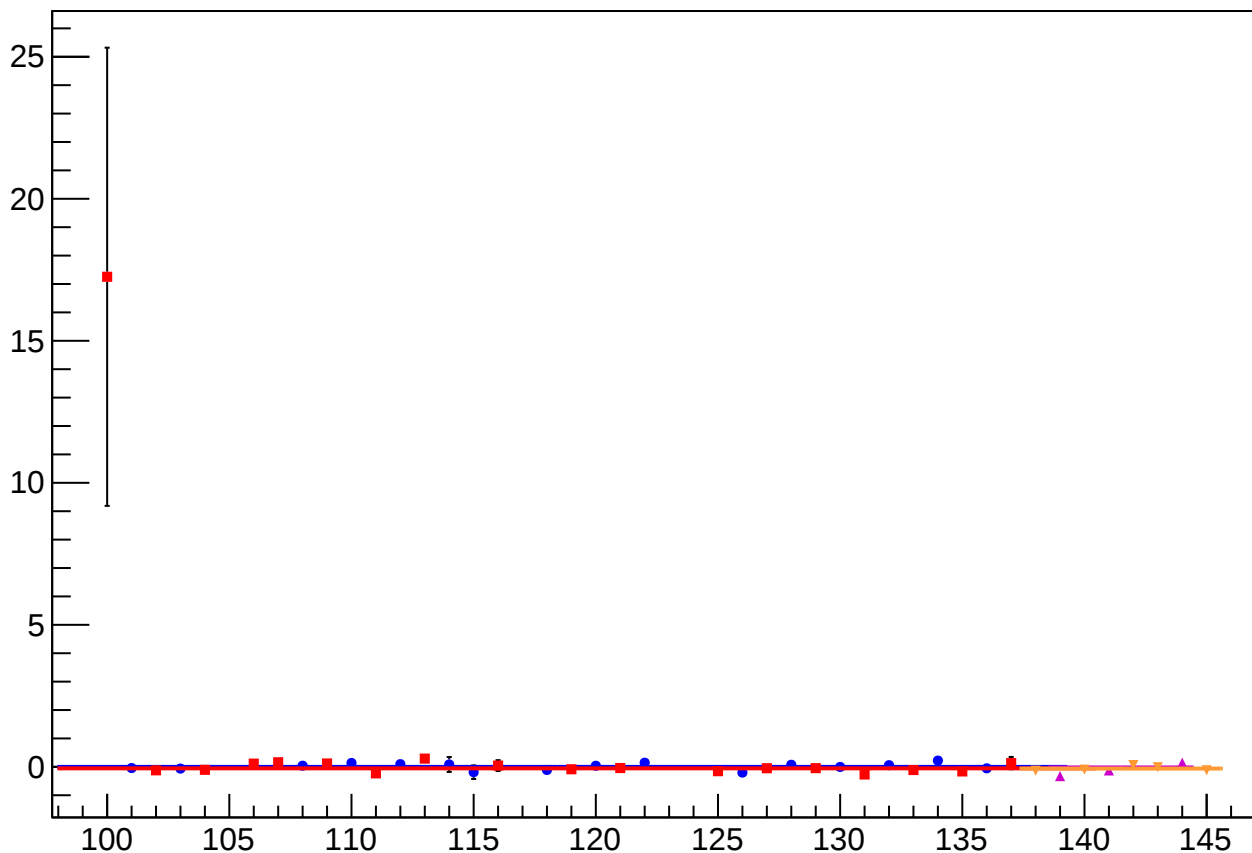
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.008 ± 0.058 $\chi^2/\text{NDF}: 0.0/2$

Out: -0.145 ± 0.048 $\chi^2/\text{NDF}: 6.9/4$

All: -0.089 ± 0.037 $\chi^2/\text{NDF}: 10.3/7$

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.060 ± 0.039 $\chi^2/\text{NDF}: 3.1/4$

Right Out: -0.053 ± 0.029 $\chi^2/\text{NDF}: 25.5/17$

Left In: -0.021 ± 0.052 $\chi^2/\text{NDF}: 10.1/2$

Left: -0.046 ± 0.031 $\chi^2/\text{NDF}: 13.6/7$

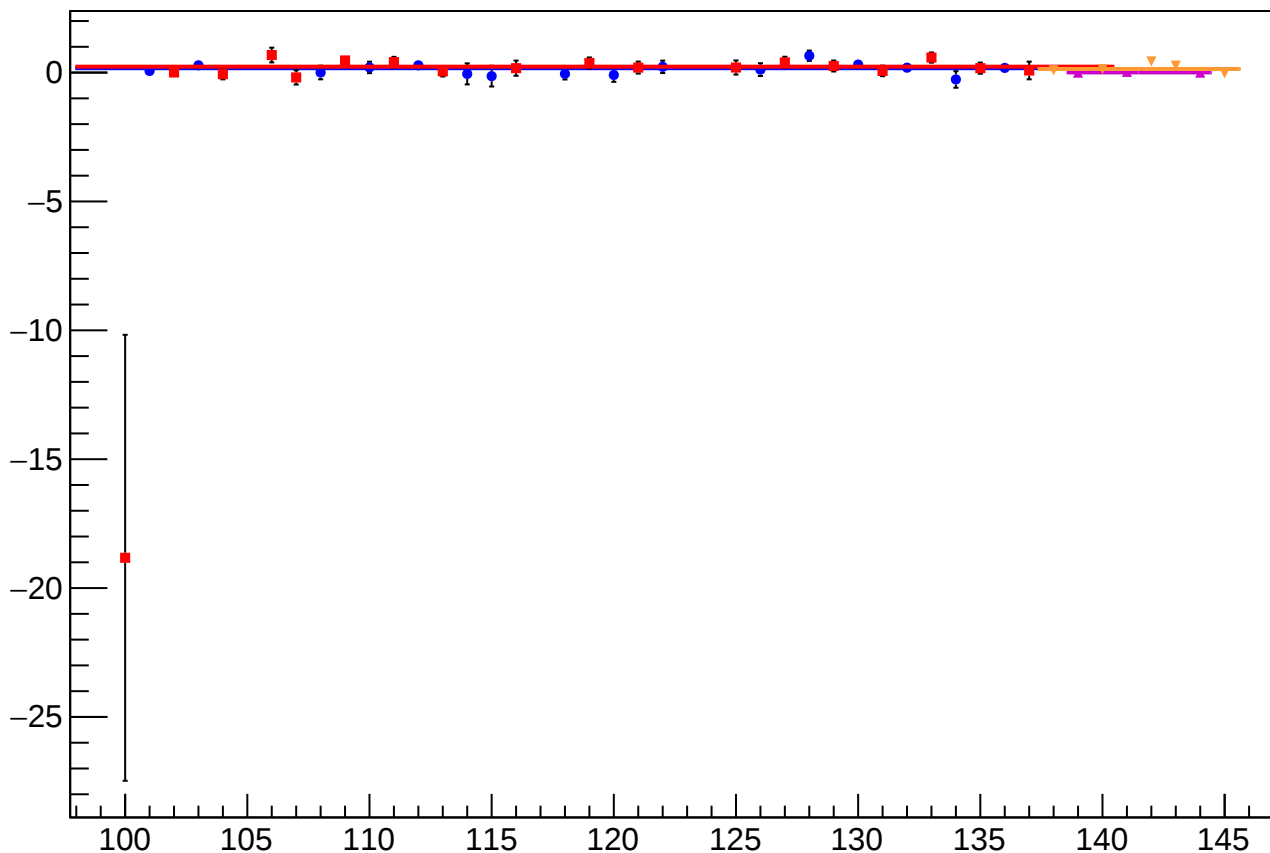
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 39.2/33$

In: -0.006 ± 0.025 $\chi^2/\text{NDF}: 22.3/18$

Out: -0.056 ± 0.024 $\chi^2/\text{NDF}: 28.7/22$

All: -0.032 ± 0.017 $\chi^2/\text{NDF}: 53.1/41$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170+/-0.052 χ^2/NDF : 13.0/15

Left Out: 0.141+/-0.052 χ^2/NDF : 6.7/4

Right Out: 0.229+/-0.054 χ^2/NDF : 21.7/17

Left In: 0.007+/-0.062 χ^2/NDF : 0.0/2

Left: 0.086+/-0.040 χ^2/NDF : 9.5/7

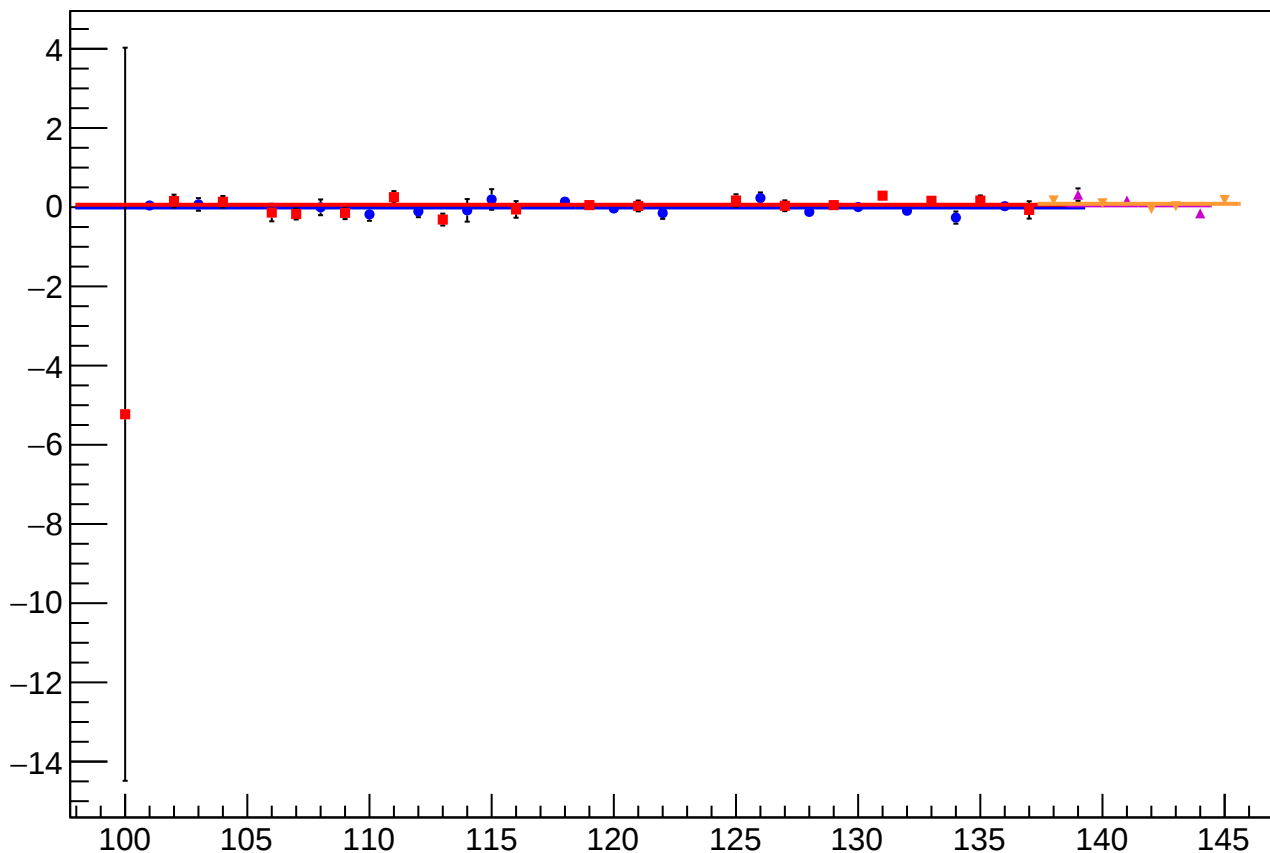
Right: 0.199+/-0.038 χ^2/NDF : 35.3/33

In: 0.103+/-0.040 χ^2/NDF : 17.1/18

Out: 0.183+/-0.037 χ^2/NDF : 29.7/22

All: 0.146+/-0.027 χ^2/NDF : 49.0/41

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.086 ± 0.046 $\chi^2/\text{NDF}: 3.1/4$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.3/17$

Left In: 0.047 ± 0.060 $\chi^2/\text{NDF}: 9.7/2$

Left: 0.071 ± 0.037 $\chi^2/\text{NDF}: 13.0/7$

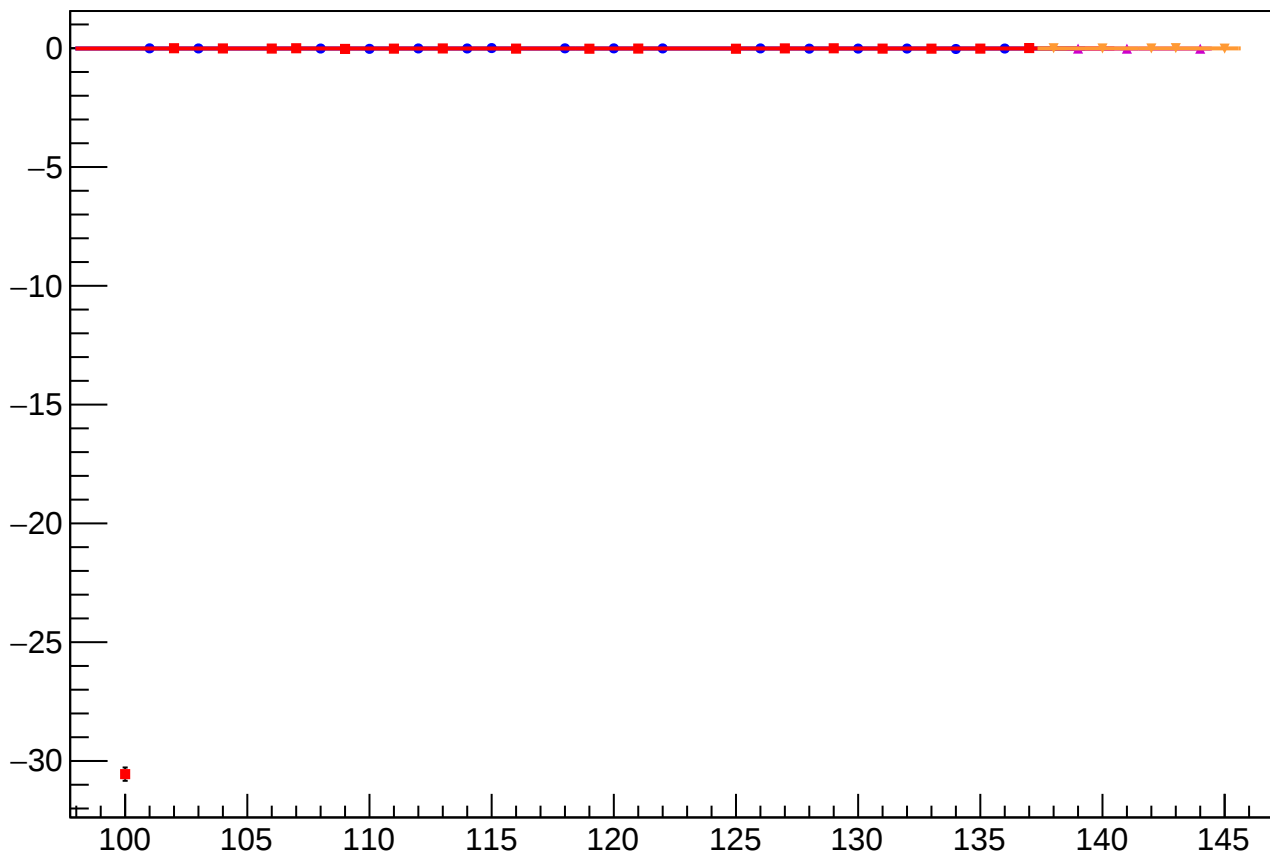
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.6/33$

In: 0.006 ± 0.029 $\chi^2/\text{NDF}: 23.5/18$

Out: 0.070 ± 0.027 $\chi^2/\text{NDF}: 23.6/22$

All: 0.039 ± 0.020 $\chi^2/\text{NDF}: 49.7/41$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 $\pm$ 0.002 χ^2/NDF : 11.7/4

Right Out: -0.012 $\pm$ 0.002 χ^2/NDF : 11890.6/17

Left In: -0.017 $\pm$ 0.002 χ^2/NDF : 0.6/2

Left: -0.011 $\pm$ 0.002 χ^2/NDF : 22.7/7

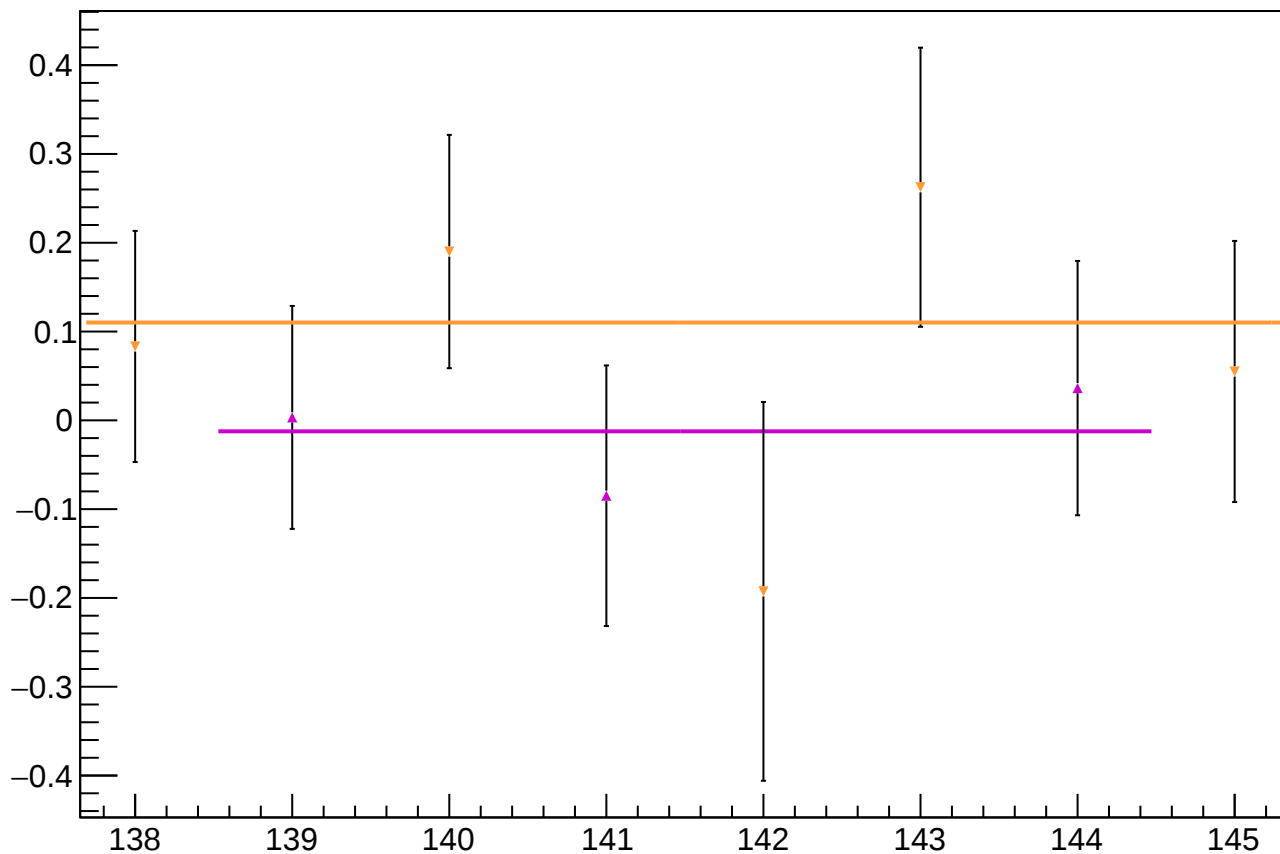
Right: -0.012 $\pm$ 0.001 χ^2/NDF : 11903.4/33

In: -0.014 $\pm$ 0.001 χ^2/NDF : 16.6/18

Out: -0.010 $\pm$ 0.001 χ^2/NDF : 11905.6/22

All: -0.012 $\pm$ 0.001 χ^2/NDF : 11926.2/41

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.110 $\pm$ 0.067 χ^2 /NDF:3.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.012 $\pm$ 0.079 χ^2 /NDF:0.4/2

Left: 0.060 $\pm$ 0.051 χ^2 /NDF: 5.3/7

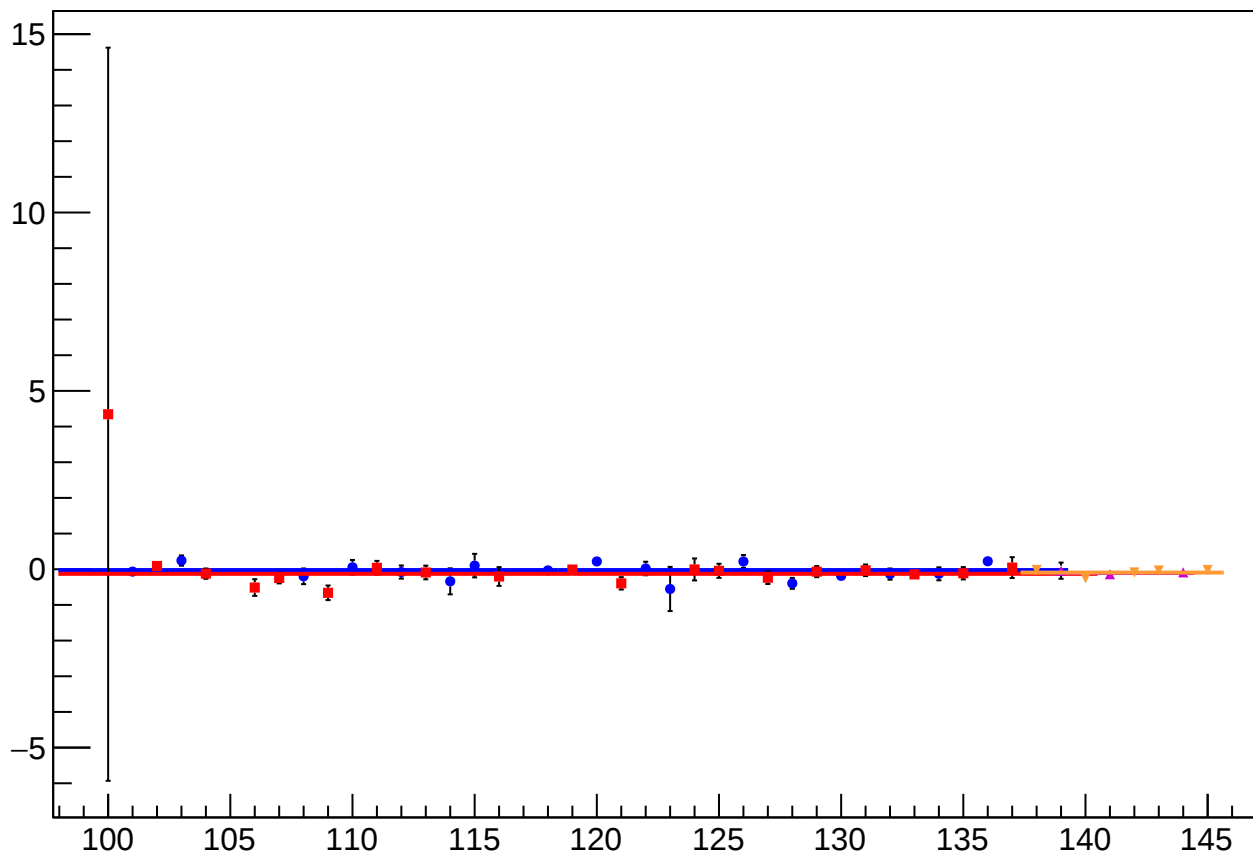
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.012 $\pm$ 0.079 χ^2 /NDF:0.4/2

Out: 0.110 $\pm$ 0.067 χ^2 /NDF:3.5/4

All: 0.060 $\pm$ 0.051 χ^2 /NDF: 5.3/7

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.093 ± 0.054 χ^2/NDF : 3.1/4

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.106 ± 0.070 χ^2/NDF : 0.2/2

Left: -0.098 ± 0.043 χ^2/NDF : 3.3/7

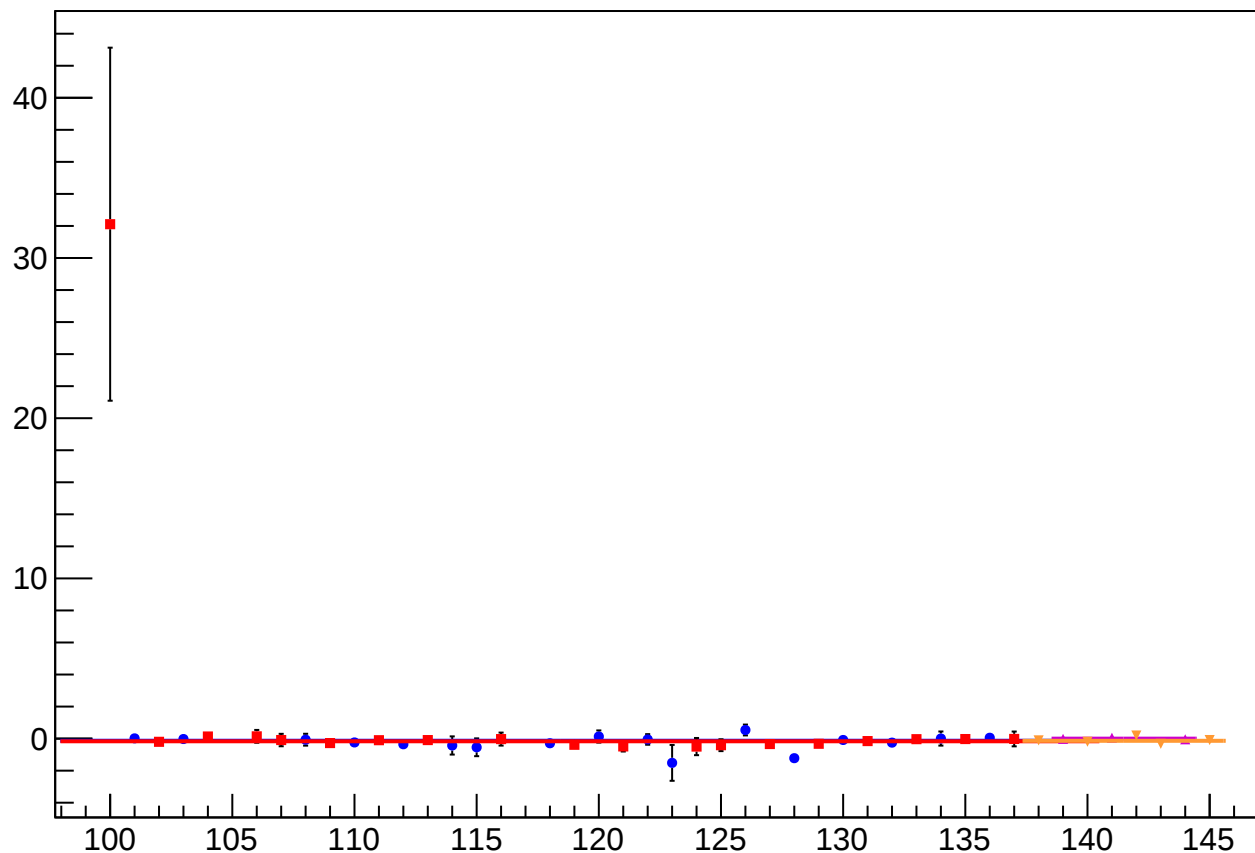
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.041 ± 0.032 χ^2/NDF : 23.7/19

Out: -0.117 ± 0.032 χ^2/NDF : 22.2/23

All: -0.079 ± 0.023 χ^2/NDF : 48.7/43

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.136 ± 0.071 χ^2/NDF : 3.7/4

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.002 ± 0.085 χ^2/NDF : 0.2/2

Left: -0.081 ± 0.055 χ^2/NDF : 5.3/7

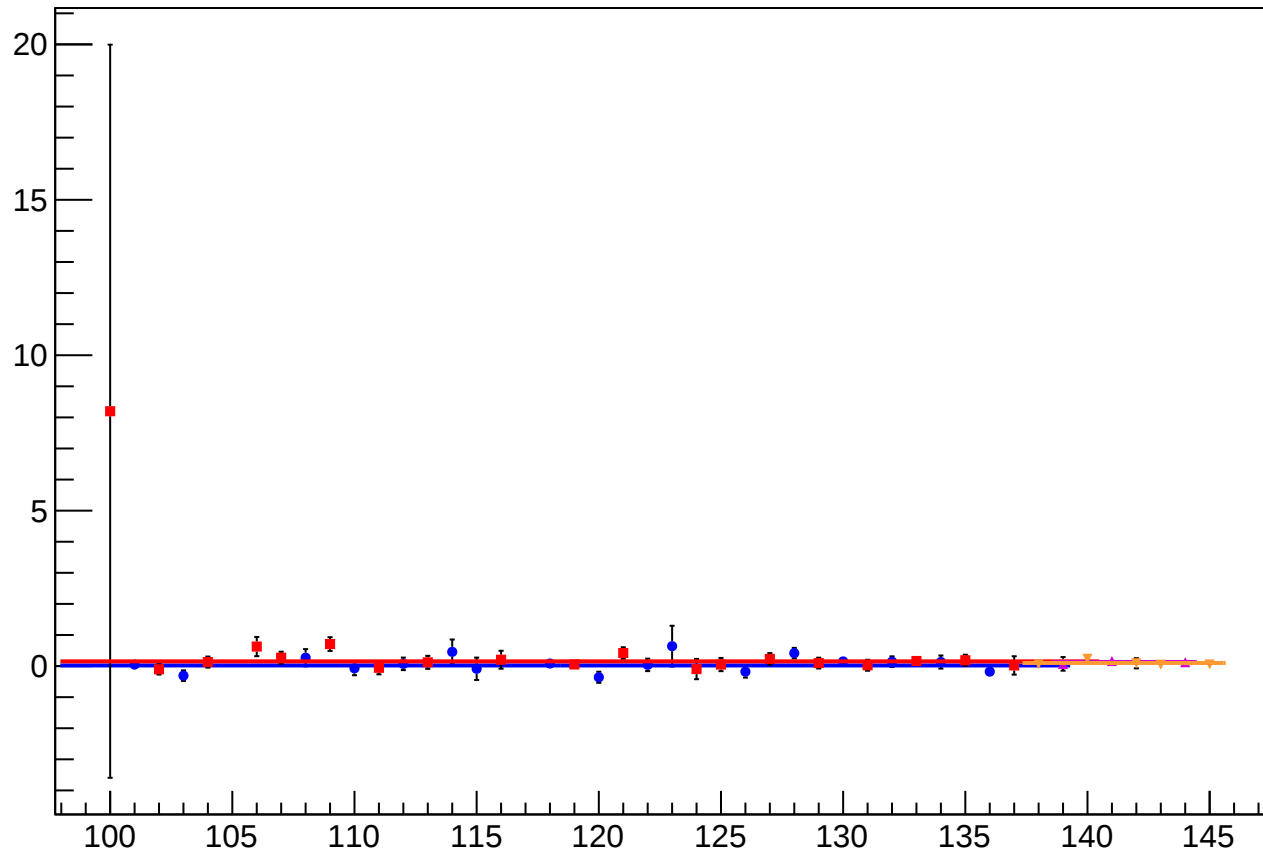
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.083 ± 0.053 χ^2/NDF : 27.4/19

Out: -0.151 ± 0.050 χ^2/NDF : 18.5/23

All: -0.119 ± 0.036 χ^2/NDF : 46.8/43

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.100+/-0.064 χ^2/NDF : 1.4/4

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.132+/-0.081 χ^2/NDF : 0.1/2

Left: 0.112+/-0.050 χ^2/NDF : 1.7/7

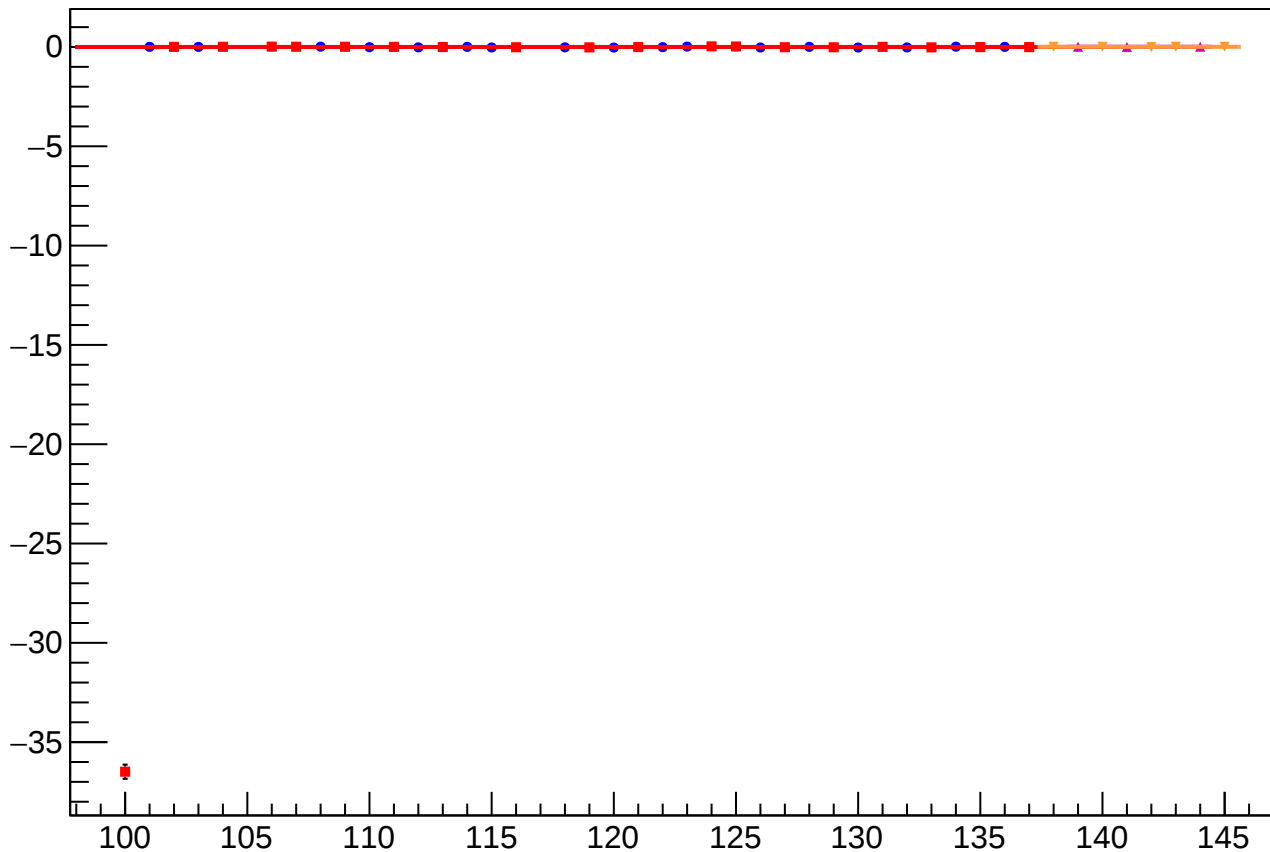
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.044+/-0.038 χ^2/NDF : 23.4/19

Out: 0.134+/-0.037 χ^2/NDF : 19.2/23

All: 0.090+/-0.026 χ^2/NDF : 45.5/43

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.003 χ^2 /NDF: 3.4/4

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.003 χ^2 /NDF: 2.0/2

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 5.6/7

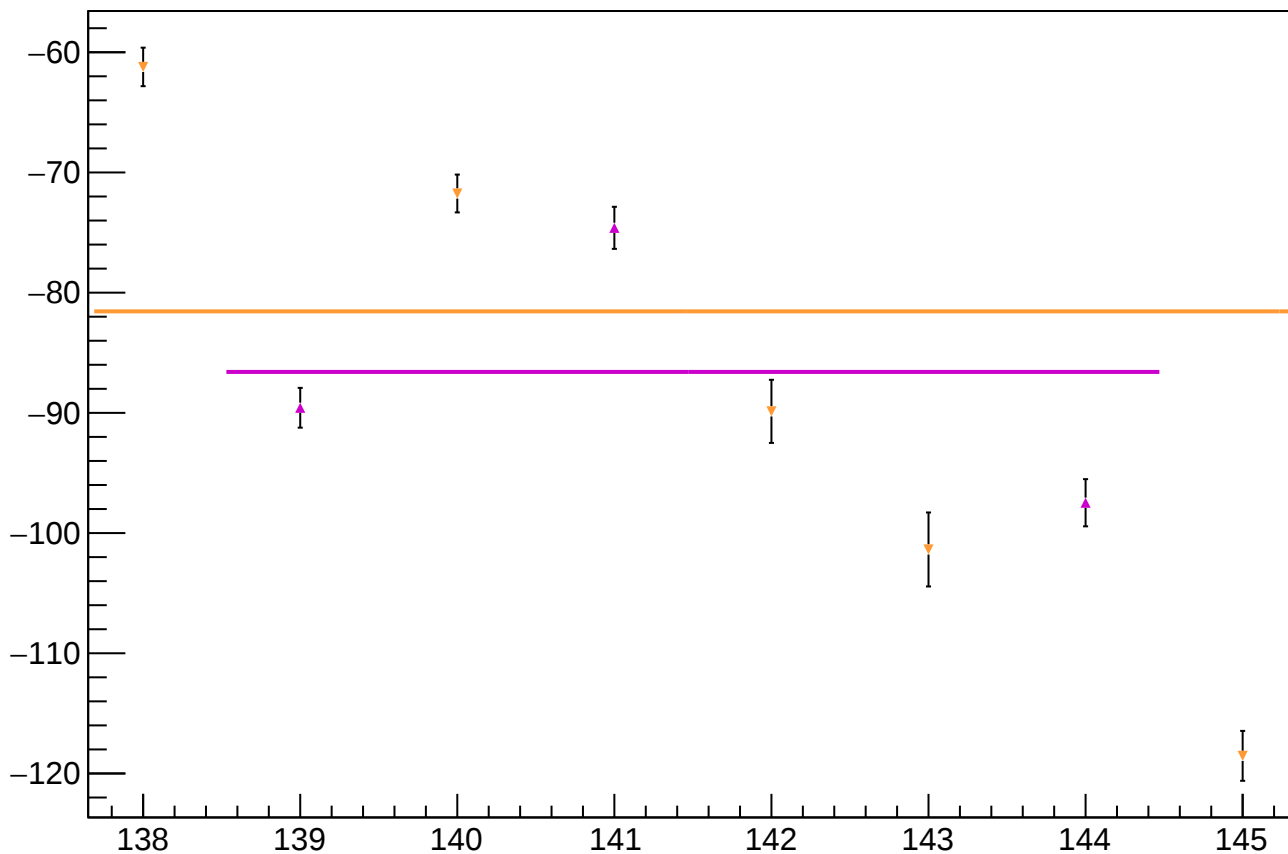
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.004 $\pm$ 0.002 χ^2 /NDF: 40.4/19

Out: 0.004 $\pm$ 0.002 χ^2 /NDF: 10457.9/23

All: 0.004 $\pm$ 0.001 χ^2 /NDF: 10498.3/43

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -81.555+/-0.885 χ^2/NDF :568.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -86.593+/-1.026 χ^2/NDF :80.9/2

Left: -83.706+/-0.670 χ^2/NDF : 663.5/7

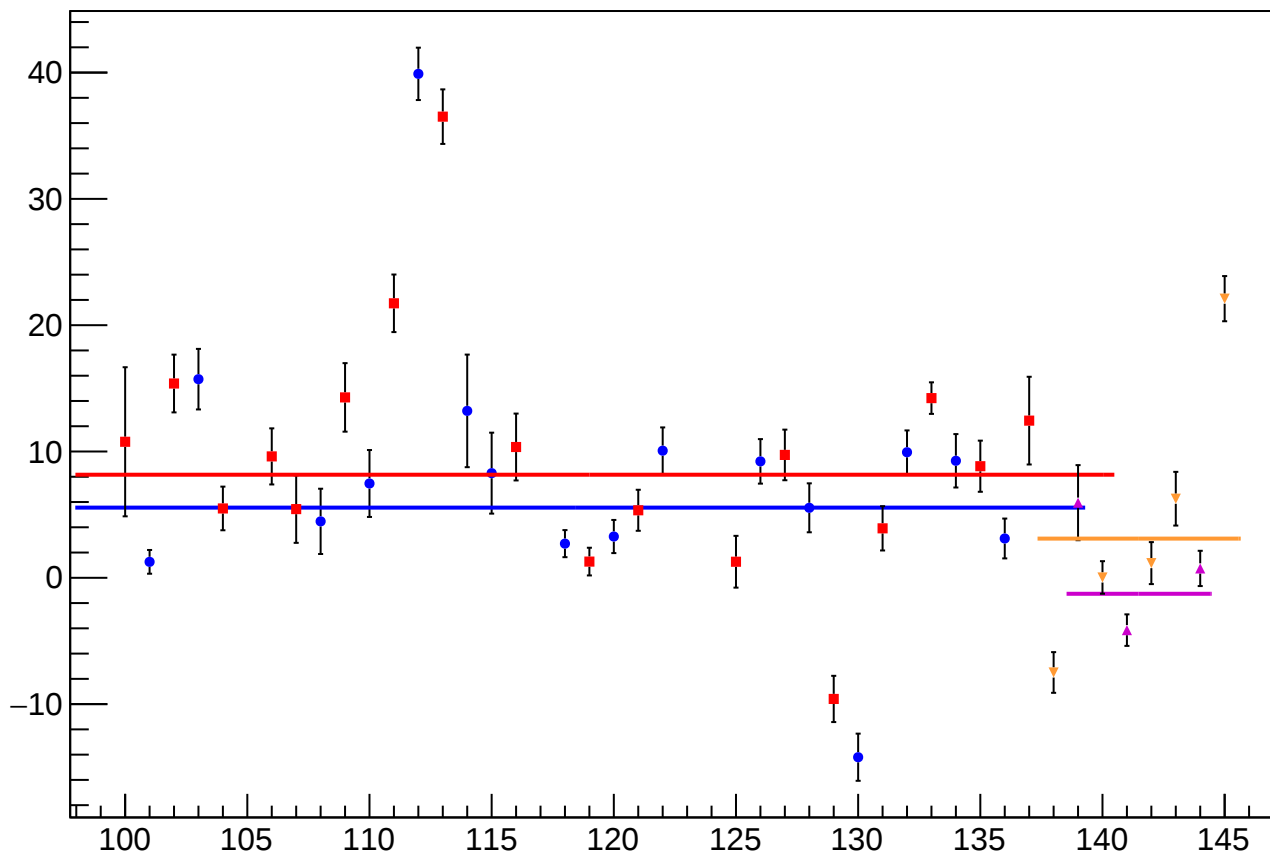
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.593+/-1.026 χ^2/NDF :80.9/2

Out: -81.555+/-0.885 χ^2/NDF :568.8/4

All: -83.706+/-0.670 χ^2/NDF : 663.5/7

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 3.104 ± 0.729 $\chi^2/\text{NDF}: 165.4/4$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: -1.265 ± 0.888 $\chi^2/\text{NDF}: 13.3/2$

Left: 1.346 ± 0.563 $\chi^2/\text{NDF}: 193.1/7$

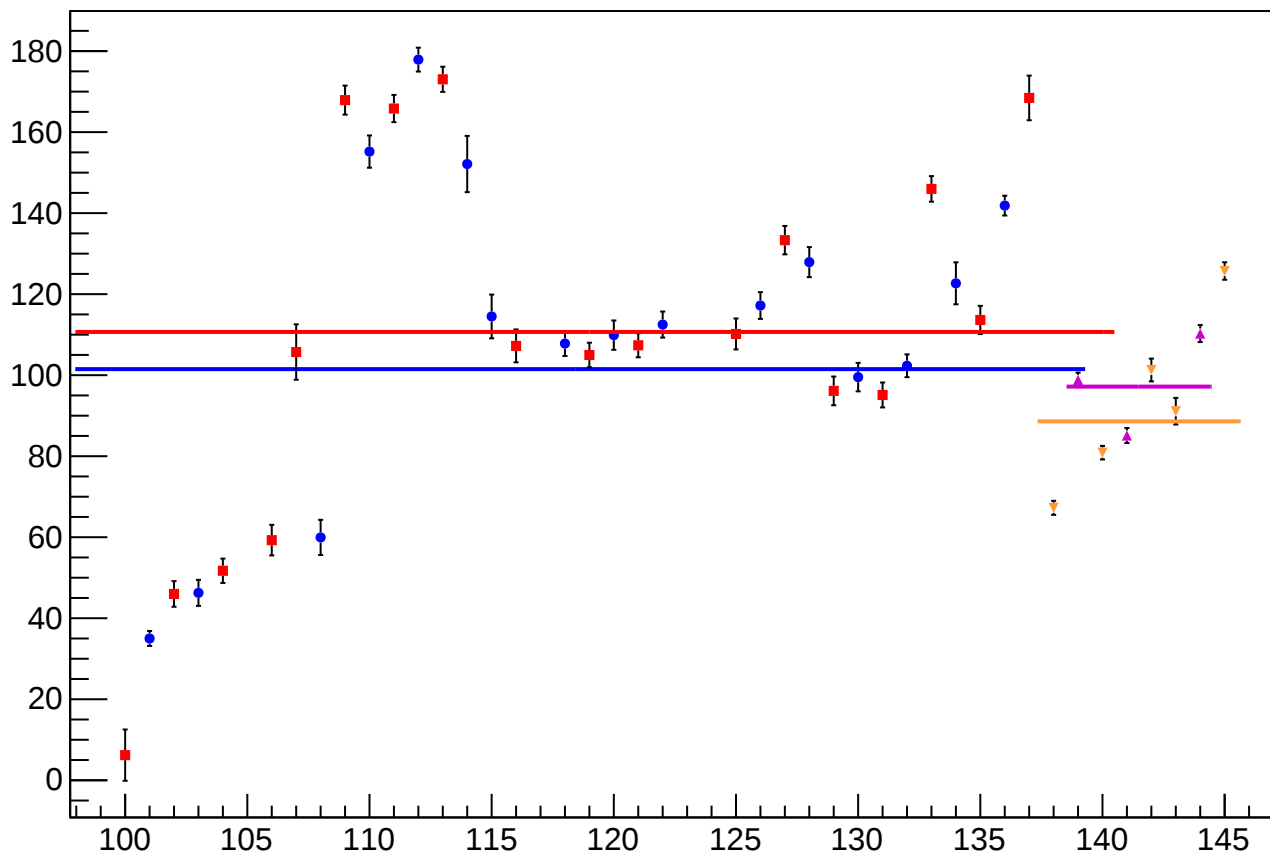
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.290 ± 0.383 $\chi^2/\text{NDF}: 523.3/18$

Out: 6.752 ± 0.385 $\chi^2/\text{NDF}: 607.1/22$

All: 5.514 ± 0.271 $\chi^2/\text{NDF}: 1151.0/41$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 88.604 $\pm$ 0.944 χ^2 /NDF:490.1/4

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 97.177 $\pm$ 1.100 χ^2 /NDF:81.8/2

Left: 92.239 $\pm$ 0.716 χ^2 /NDF: 606.9/7

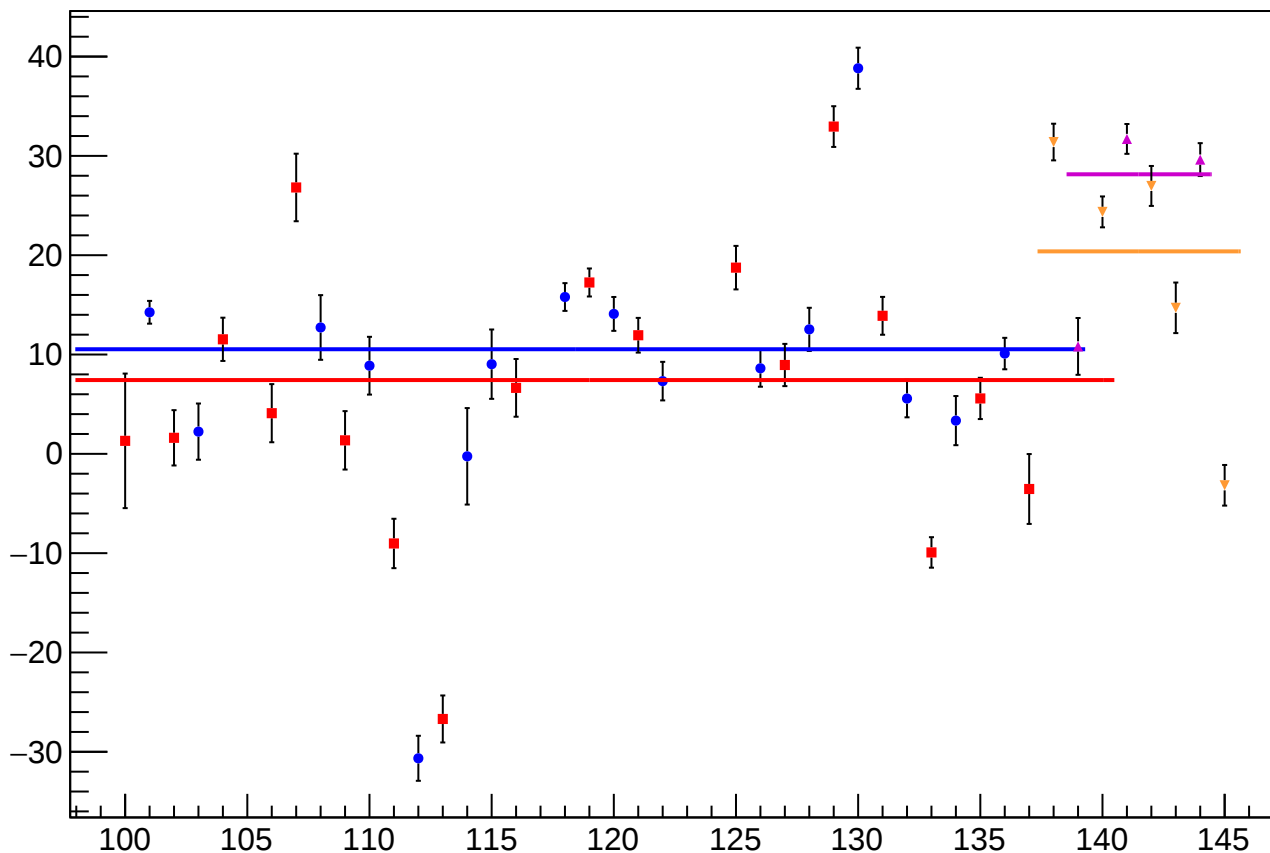
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 99.981 $\pm$ 0.651 χ^2 /NDF:3064.8/18

Out: 100.971 $\pm$ 0.626 χ^2 /NDF:3310.2/22

All: 100.496 $\pm$ 0.451 χ^2 /NDF: 6376.2/41

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 20.386 $\pm$ 0.861 χ^2 /NDF:190.3/4

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 28.147 $\pm$ 1.037 χ^2 /NDF:43.1/2

Left: 23.554 $\pm$ 0.663 χ^2 /NDF: 266.6/7

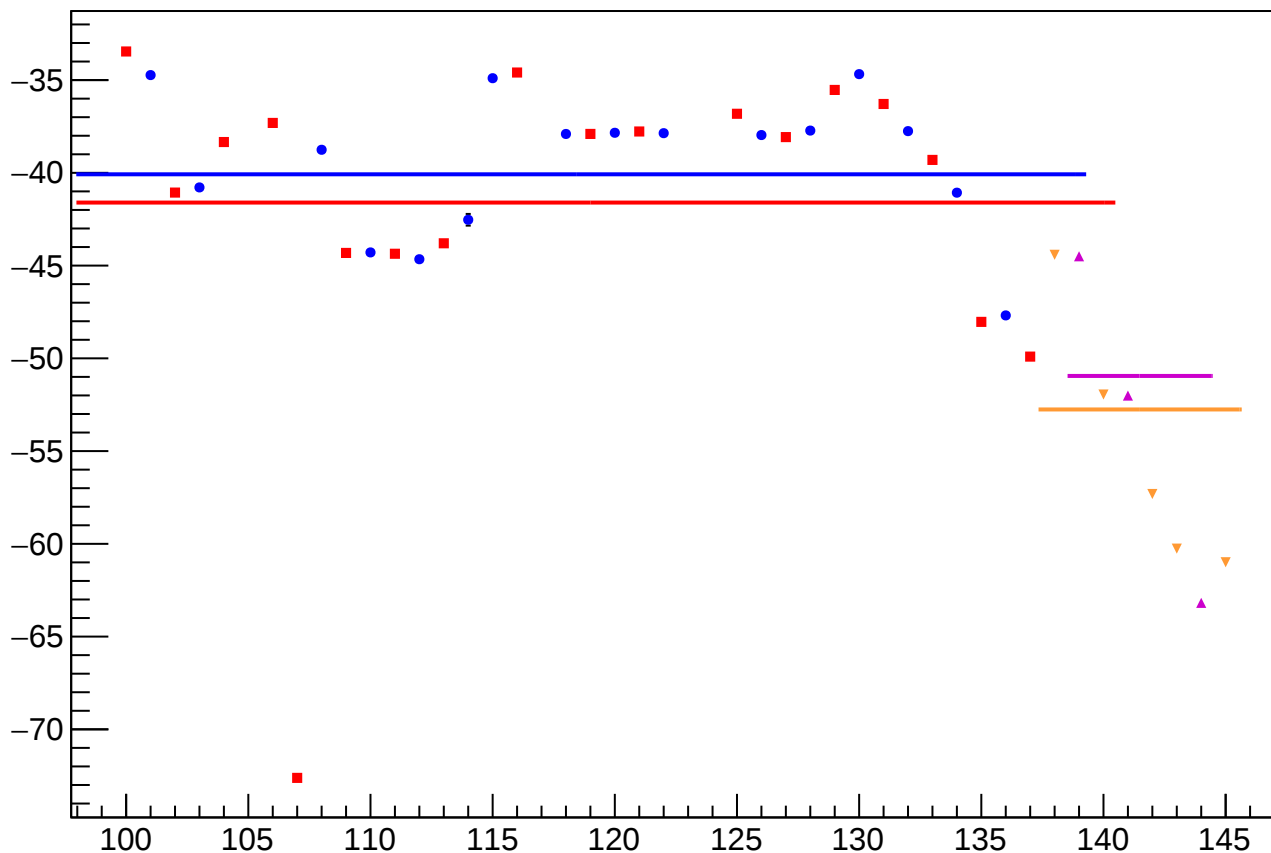
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 13.777 $\pm$ 0.445 χ^2 /NDF:858.7/18

Out: 10.923 $\pm$ 0.447 χ^2 /NDF:1041.3/22

All: 12.357 $\pm$ 0.316 χ^2 /NDF: 1920.5/41

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: -52.756 ± 0.039 χ^2/NDF : 29028.0/4

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -50.949 ± 0.043 χ^2/NDF : 28360.8/2

Left: -51.945 ± 0.029 χ^2/NDF : 58372.7/7

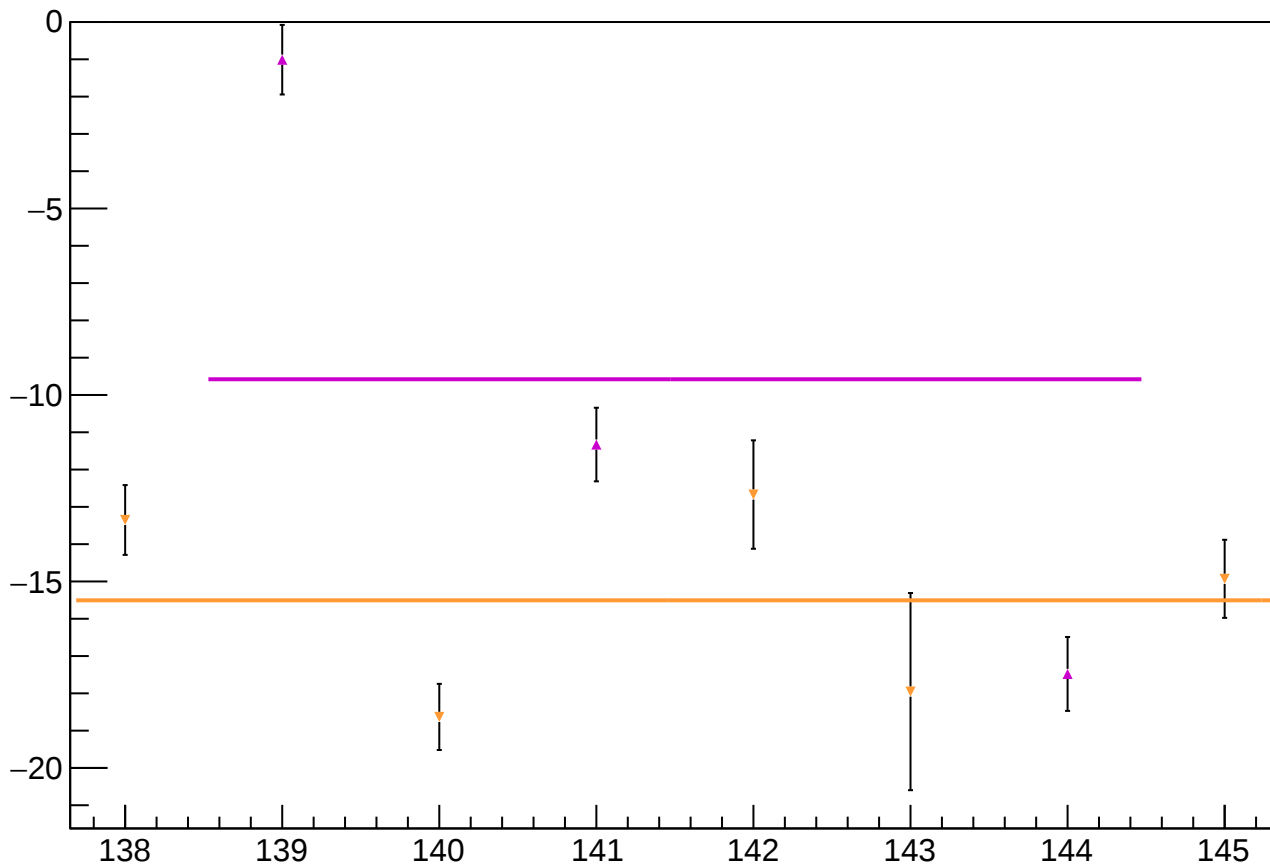
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -43.376 ± 0.024 χ^2/NDF : 98500.0/18

Out: -45.550 ± 0.023 χ^2/NDF : 144833.9/22

All: -44.491 ± 0.016 χ^2/NDF : 247703.9/41

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -15.506 $\pm$ 0.504 χ^2 /NDF:22.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.579 $\pm$ 0.560 χ^2 /NDF:151.0/2

Left: -12.853 $\pm$ 0.374 χ^2 /NDF: 235.7/7

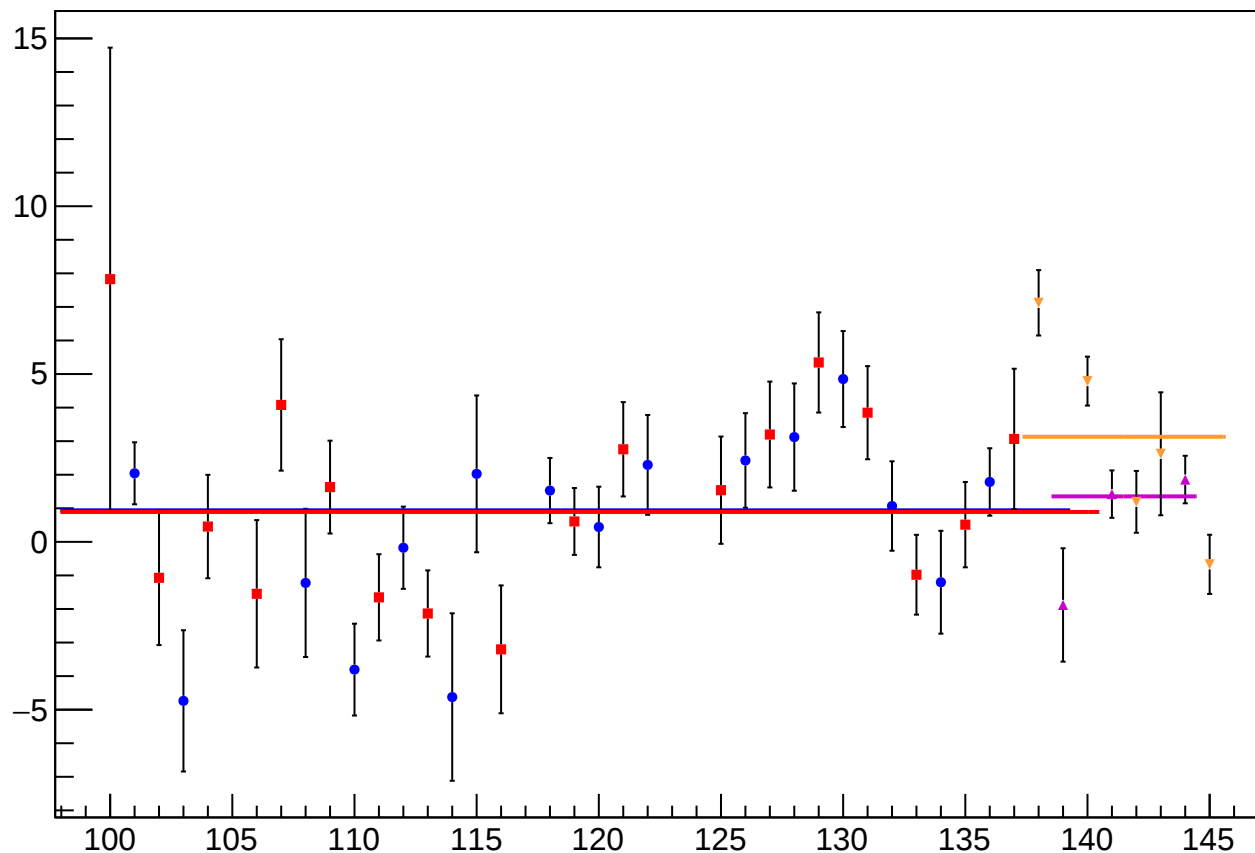
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.579 $\pm$ 0.560 χ^2 /NDF:151.0/2

Out: -15.506 $\pm$ 0.504 χ^2 /NDF:22.7/4

All: -12.853 $\pm$ 0.374 χ^2 /NDF: 235.7/7

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 3.131 ± 0.419 $\chi^2/\text{NDF}: 45.0/4$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 1.355 ± 0.480 $\chi^2/\text{NDF}: 4.2/2$

Left: 2.362 ± 0.315 $\chi^2/\text{NDF}: 57.0/7$

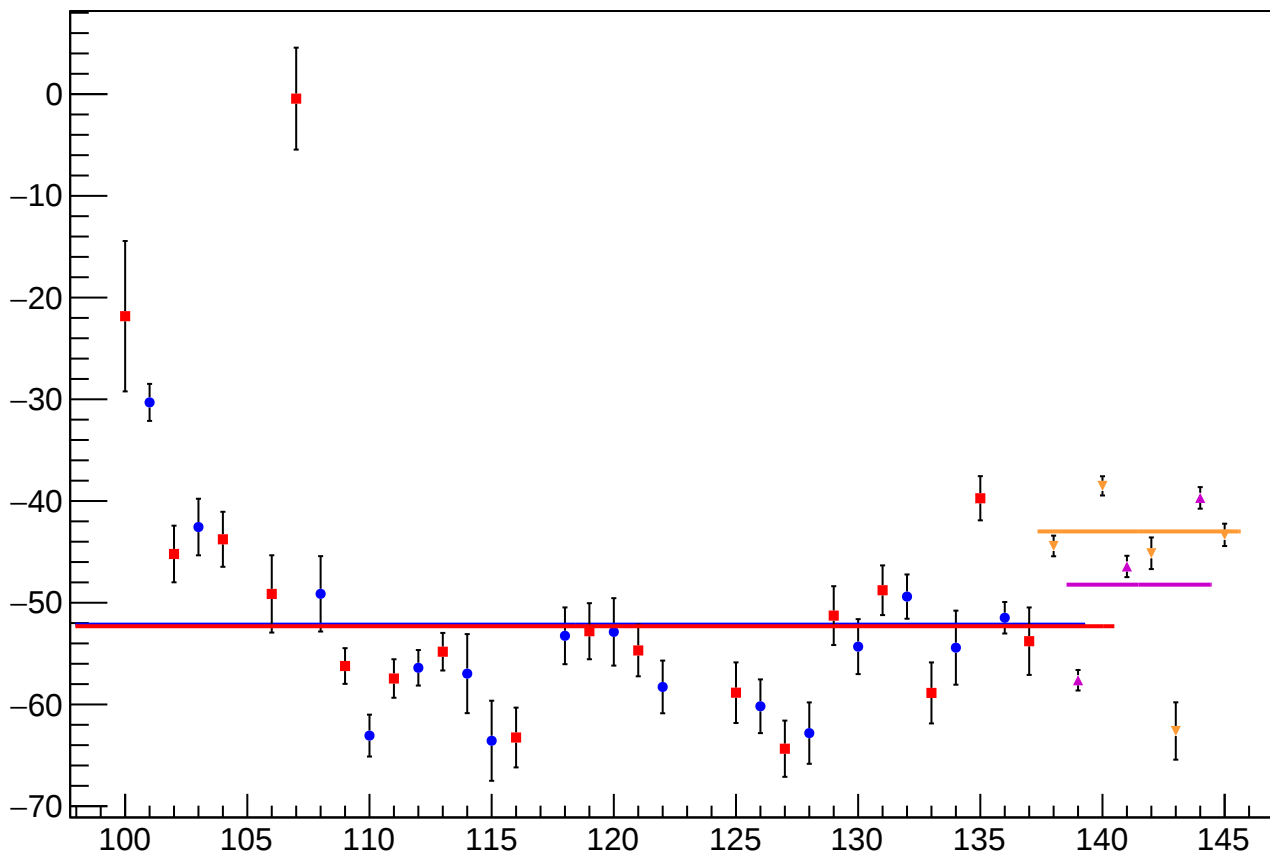
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 1.078 ± 0.277 $\chi^2/\text{NDF}: 46.9/18$

Out: 1.823 ± 0.270 $\chi^2/\text{NDF}: 103.3/22$

All: 1.459 ± 0.193 $\chi^2/\text{NDF}: 153.9/41$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -42.990 ± 0.538 χ^2/NDF : 74.9/4

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -48.223 ± 0.600 χ^2/NDF : 154.3/2

Left: -45.321 ± 0.400 χ^2/NDF : 271.4/7

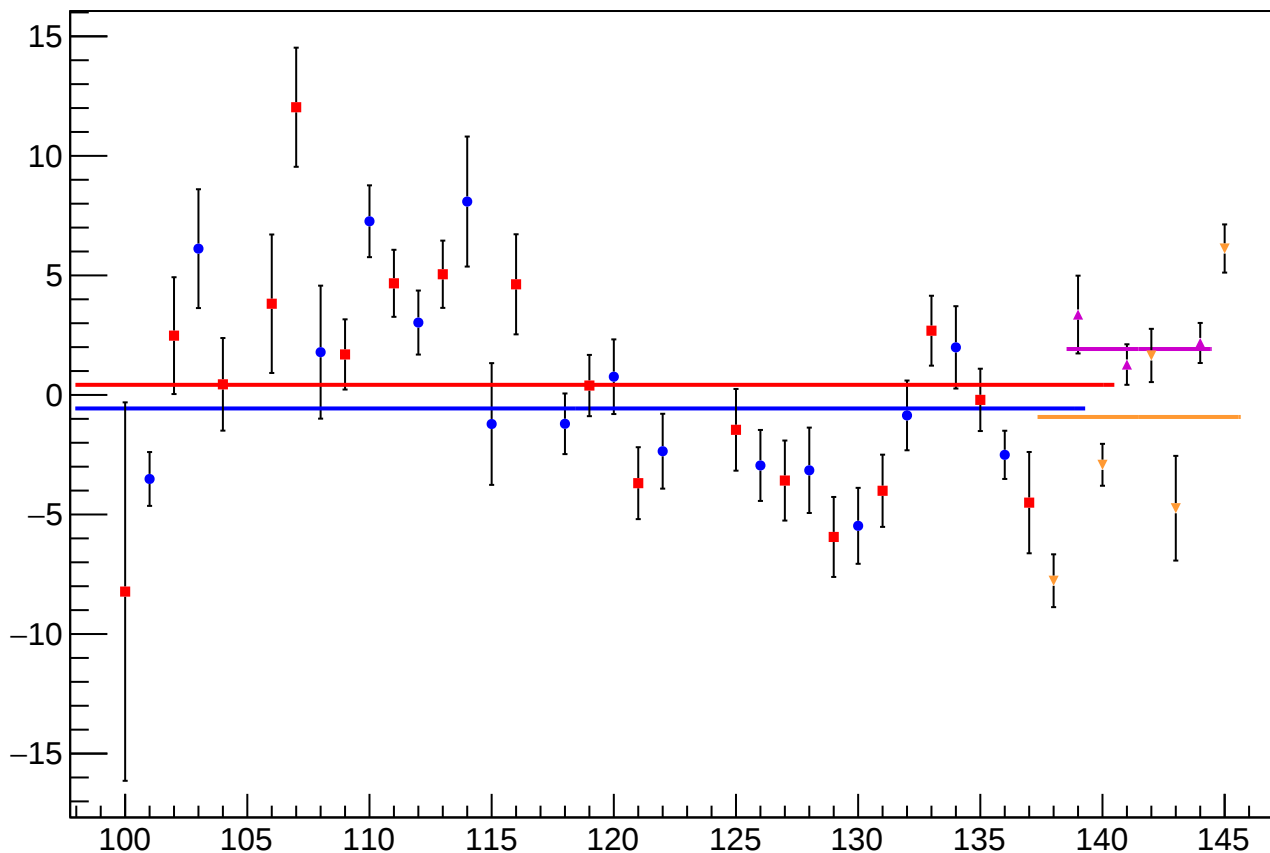
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -50.146 ± 0.429 χ^2/NDF : 406.3/18

Out: -47.021 ± 0.405 χ^2/NDF : 439.7/22

All: -48.495 ± 0.294 χ^2/NDF : 874.1/41

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -0.921 ± 0.493 χ^2/NDF : 100.9/4

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.921 ± 0.560 χ^2/NDF : 1.5/2

Left: 0.320 ± 0.370 χ^2/NDF : 116.9/7

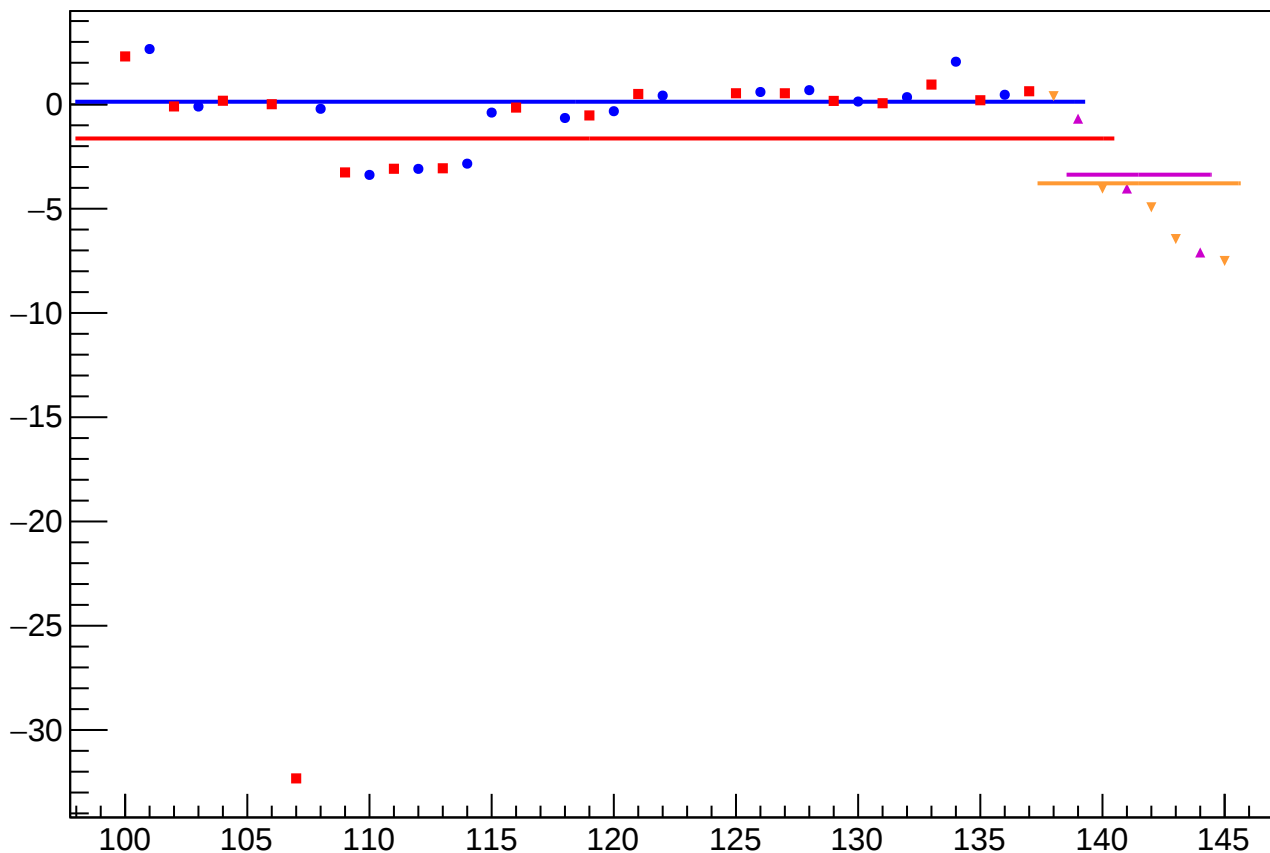
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 0.232 ± 0.317 χ^2/NDF : 96.7/18

Out: -0.110 ± 0.310 χ^2/NDF : 200.7/22

All: 0.057 ± 0.222 χ^2/NDF : 298.0/41

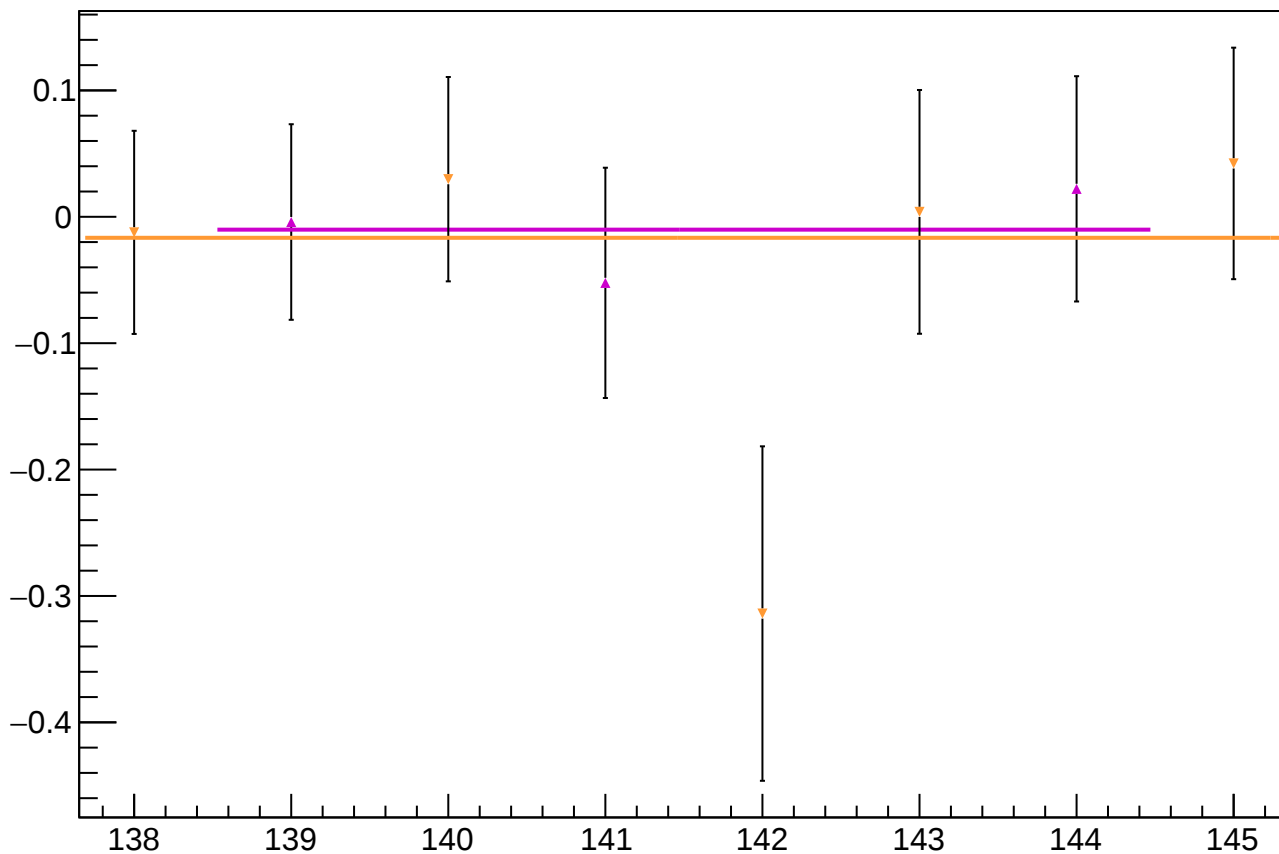
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -3.783 ± 0.022 $\chi^2/\text{NDF}: 19440.8/4$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -3.368 ± 0.023 $\chi^2/\text{NDF}: 12395.6/2$

Left: -3.591 ± 0.016 $\chi^2/\text{NDF}: 32003.7/7$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.465 ± 0.016 $\chi^2/\text{NDF}: 29686.4/18$
 Out: -2.706 ± 0.015 $\chi^2/\text{NDF}: 102177.0/22$
 All: -2.103 ± 0.011 $\chi^2/\text{NDF}: 135008.6/41$

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: -0.017+/-0.041 χ^2/NDF :5.8/4

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: -0.014+/-0.032 χ^2/NDF : 6.2/7

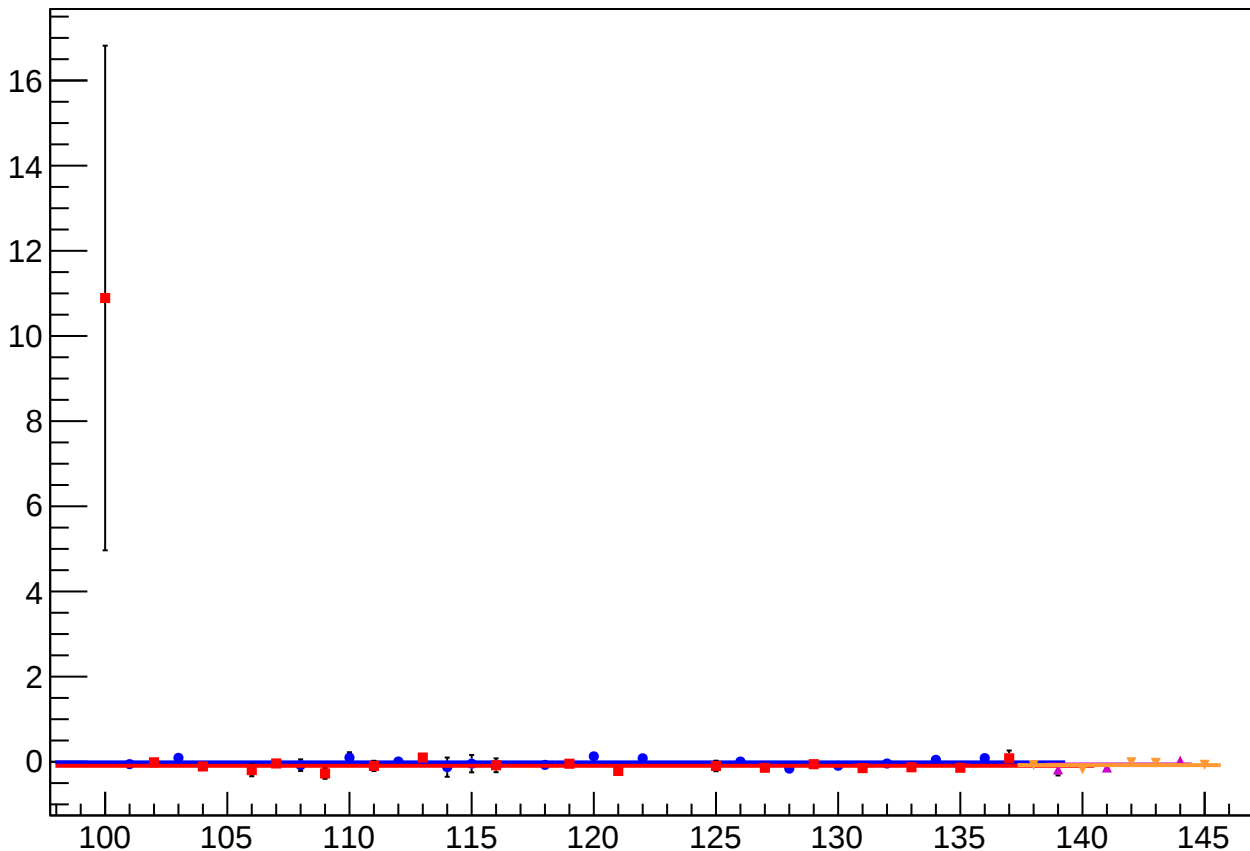
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.010+/-0.049 χ^2/NDF :0.4/2

Out: -0.017+/-0.041 χ^2/NDF :5.8/4

All: -0.014+/-0.032 χ^2/NDF : 6.2/7

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.078 ± 0.034 χ^2/NDF : 3.4/4

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.063 ± 0.043 χ^2/NDF : 4.0/2

Left: -0.072 ± 0.027 χ^2/NDF : 7.5/7

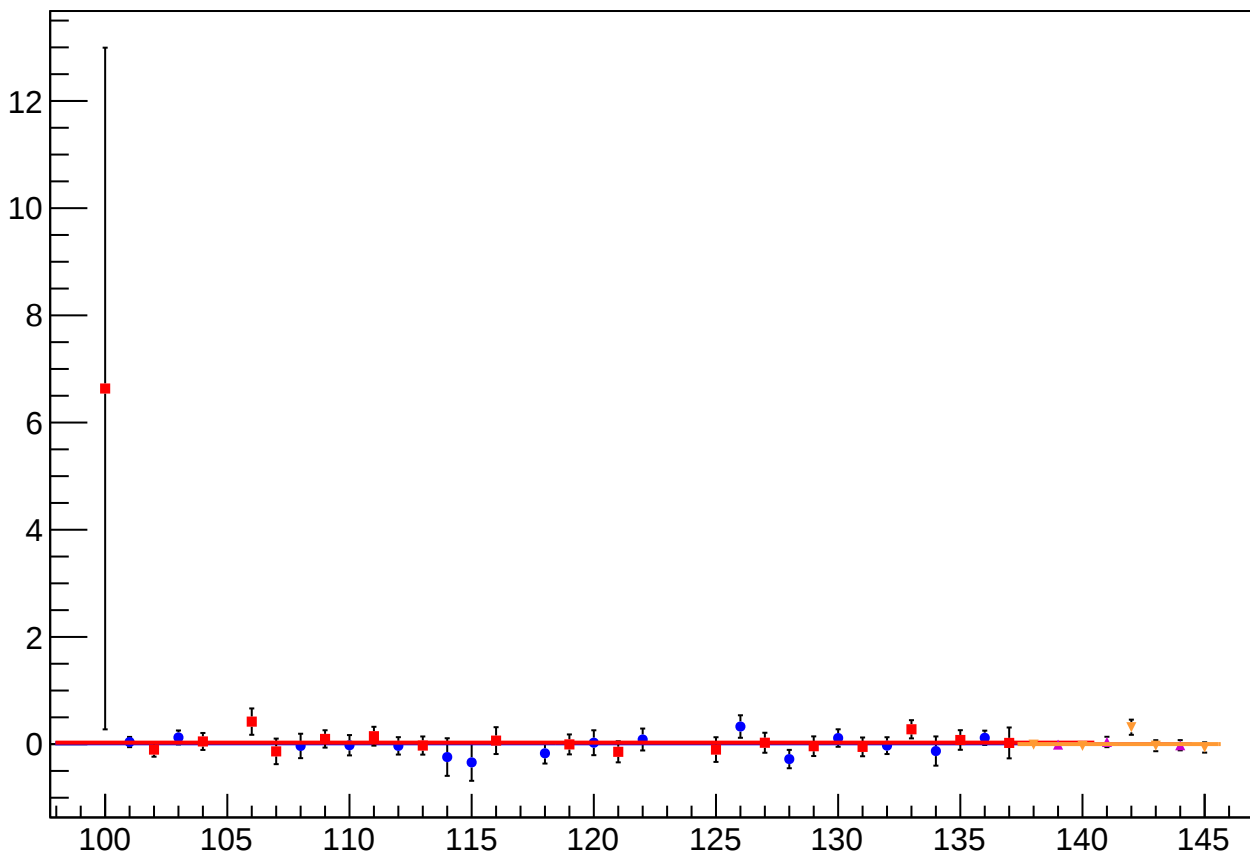
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.025 ± 0.021 χ^2/NDF : 17.4/18

Out: -0.088 ± 0.020 χ^2/NDF : 17.1/22

All: -0.057 ± 0.014 χ^2/NDF : 39.4/41

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.001+/-0.044 χ^2/NDF : 5.6/4

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.002+/-0.053 χ^2/NDF : 0.2/2

Left: 0.002+/-0.034 χ^2/NDF : 5.8/7

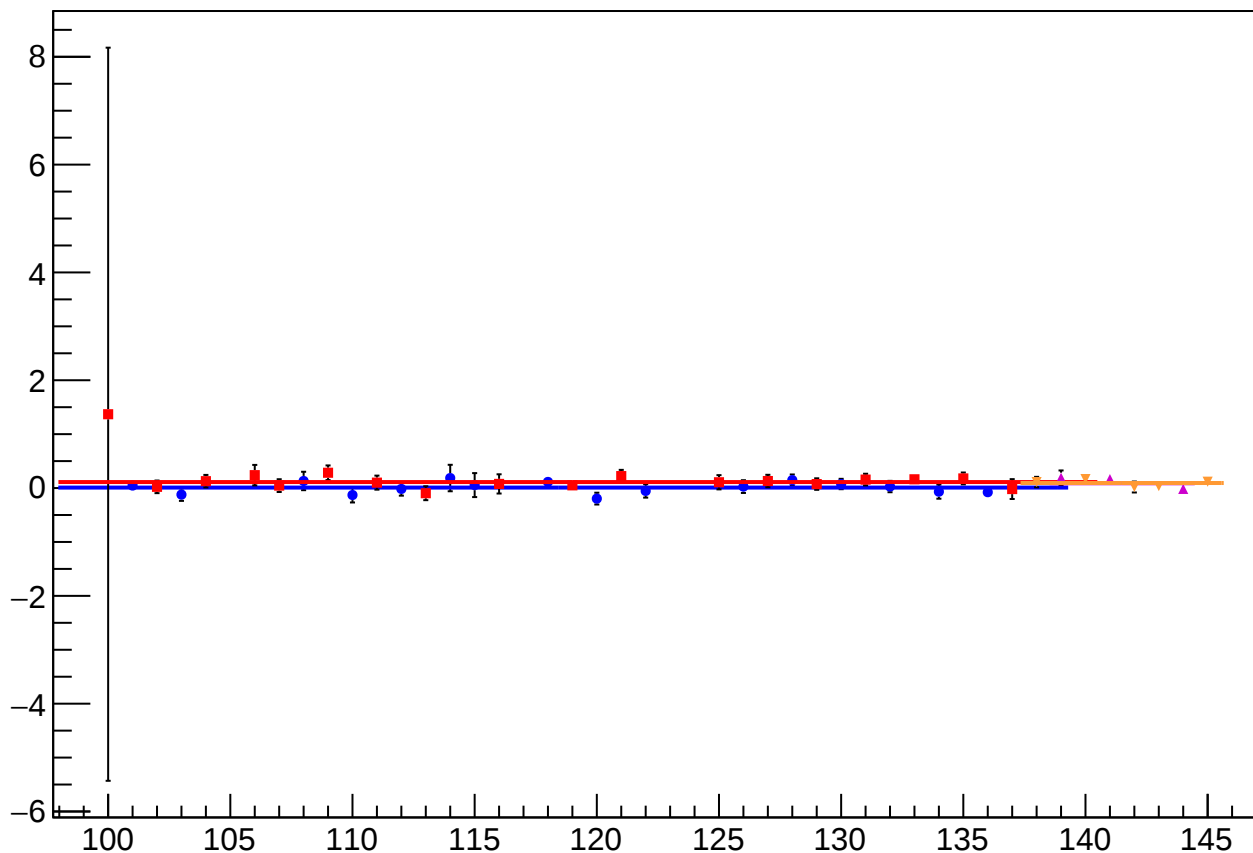
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.010+/-0.033 χ^2/NDF : 10.4/18

Out: 0.014+/-0.031 χ^2/NDF : 15.3/22

All: 0.012+/-0.023 χ^2/NDF : 25.7/41

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.094 $\pm$ 0.039 χ^2 /NDF: 2.0/4

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.088 $\pm$ 0.050 χ^2 /NDF: 3.5/2

Left: 0.092 $\pm$ 0.031 χ^2 /NDF: 5.5/7

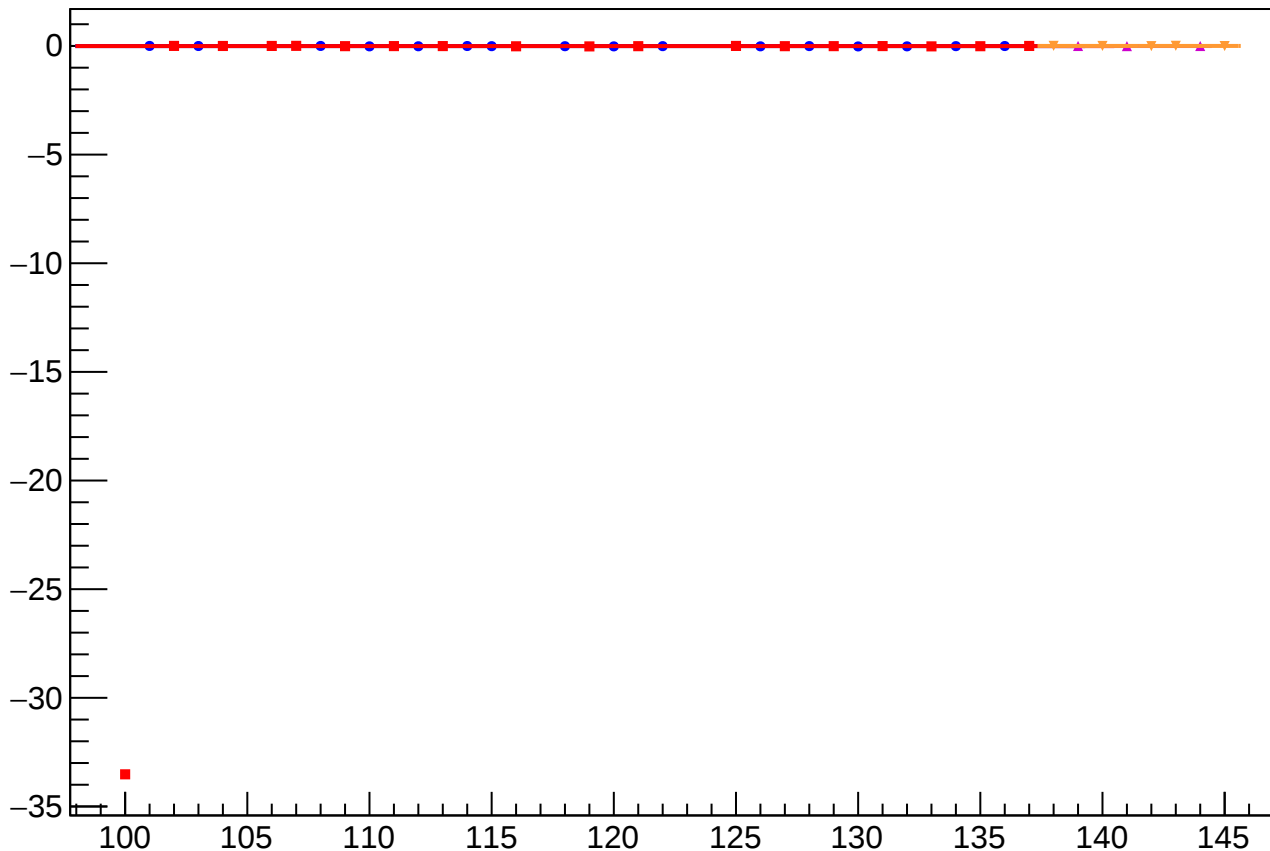
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.026 $\pm$ 0.024 χ^2 /NDF: 18.0/18

Out: 0.105 $\pm$ 0.023 χ^2 /NDF: 10.8/22

All: 0.067 $\pm$ 0.017 χ^2 /NDF: 34.4/41

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF : 22.3/15

Left Out: 0.001+/-0.002 χ^2/NDF : 8.3/4

Right Out: -0.006+/-0.001 χ^2/NDF : 26508.9/17

Left In: -0.003+/-0.002 χ^2/NDF : 1.7/2

Left: -0.001+/-0.001 χ^2/NDF : 12.2/7

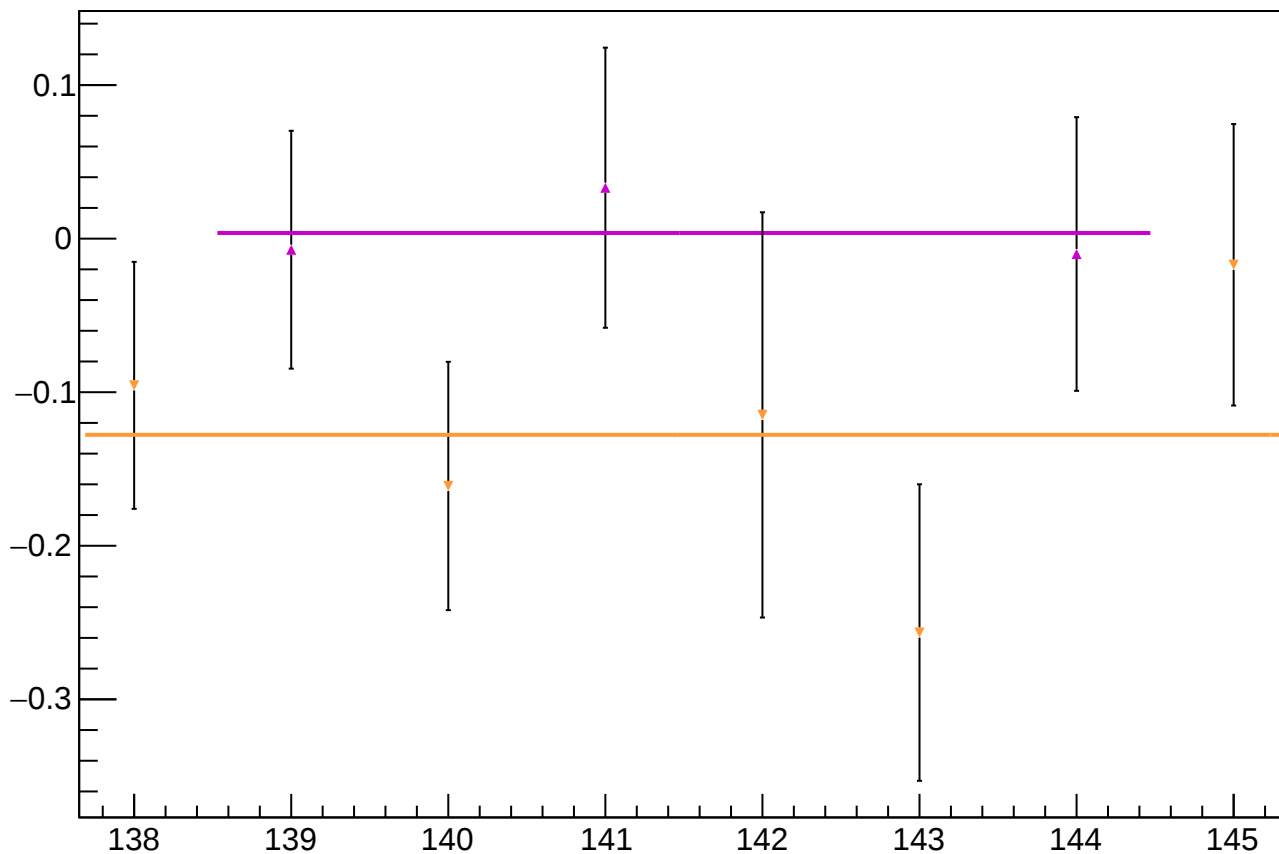
Right: -0.006+/-0.001 χ^2/NDF : 26531.2/33

In: -0.005+/-0.001 χ^2/NDF : 24.9/18

Out: -0.003+/-0.001 χ^2/NDF : 26526.5/22

All: -0.004+/-0.001 χ^2/NDF : 26552.4/41

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.128 $\pm$ 0.041 χ^2 /NDF:3.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2

Left: -0.074 $\pm$ 0.032 χ^2 /NDF: 7.9/7

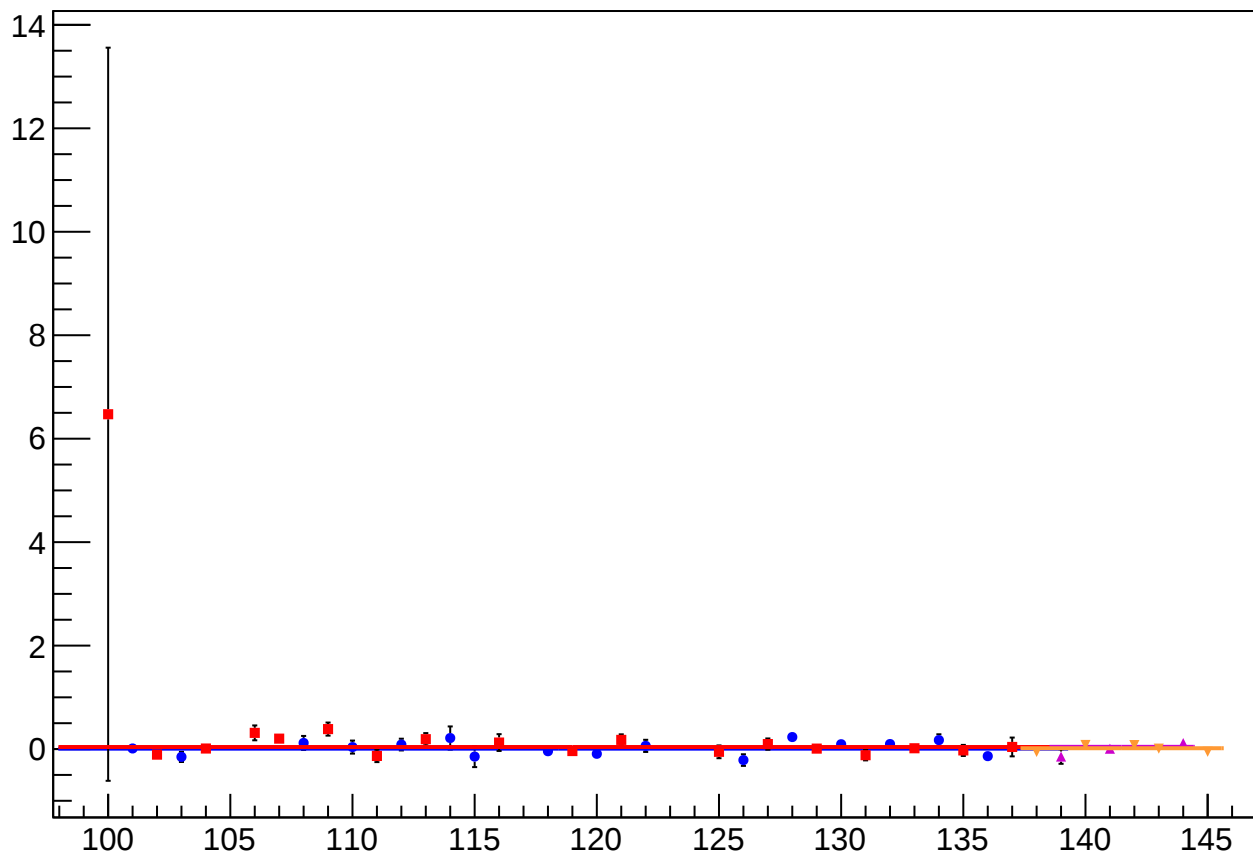
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2

Out: -0.128 $\pm$ 0.041 χ^2 /NDF:3.6/4

All: -0.074 $\pm$ 0.032 χ^2 /NDF: 7.9/7

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.023 χ^2/NDF : 23.7/15

Left Out: 0.016+/-0.034 χ^2/NDF : 2.9/4

Right Out: 0.039+/-0.025 χ^2/NDF : 28.4/17

Left In: 0.043+/-0.043 χ^2/NDF : 3.4/2

Left: 0.026+/-0.027 χ^2/NDF : 6.6/7

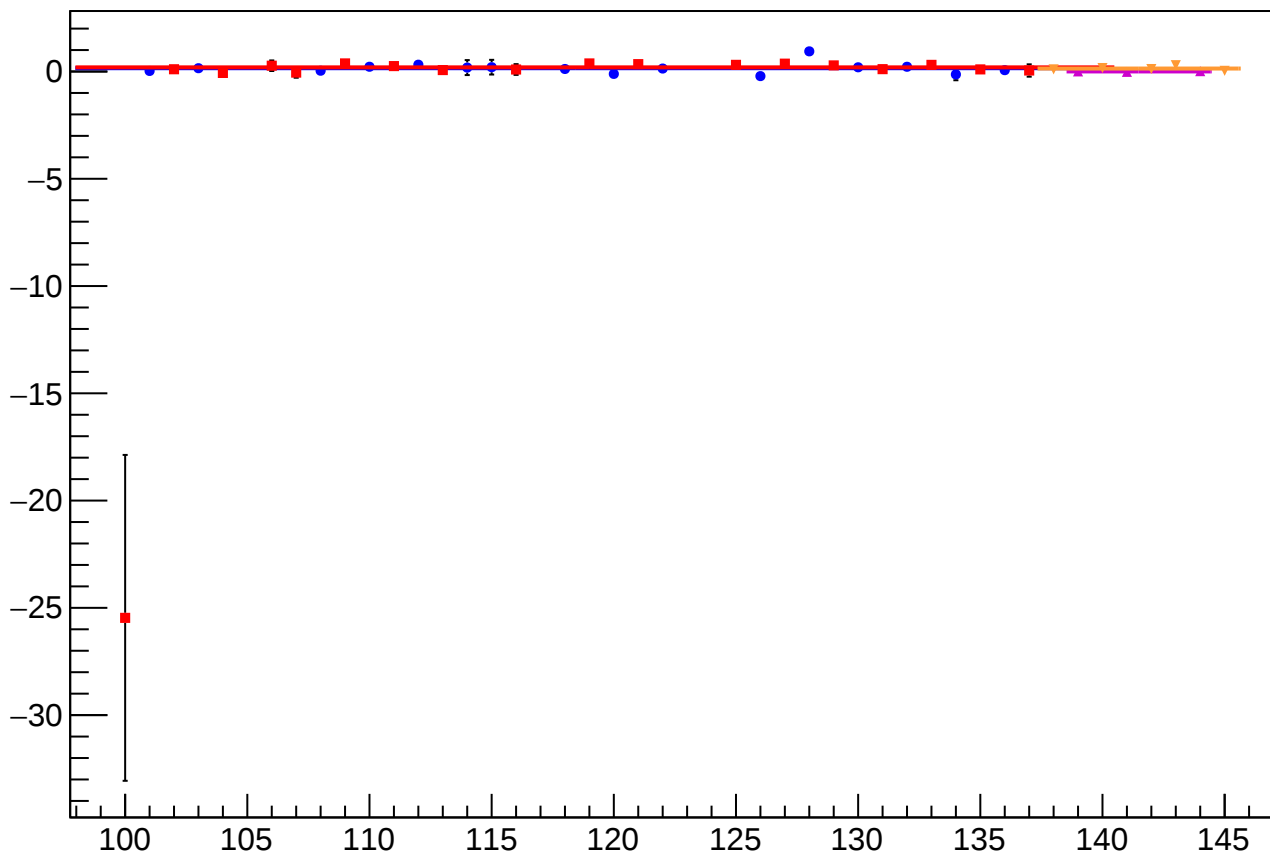
Right: 0.023+/-0.017 χ^2/NDF : 52.9/33

In: 0.016+/-0.021 χ^2/NDF : 27.5/18

Out: 0.031+/-0.020 χ^2/NDF : 31.7/22

All: 0.024+/-0.014 χ^2/NDF : 59.5/41

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: 0.138+/-0.044 χ^2/NDF : 3.8/4

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.003+/-0.053 χ^2/NDF : 0.1/2

Left: 0.083+/-0.034 χ^2/NDF : 7.8/7

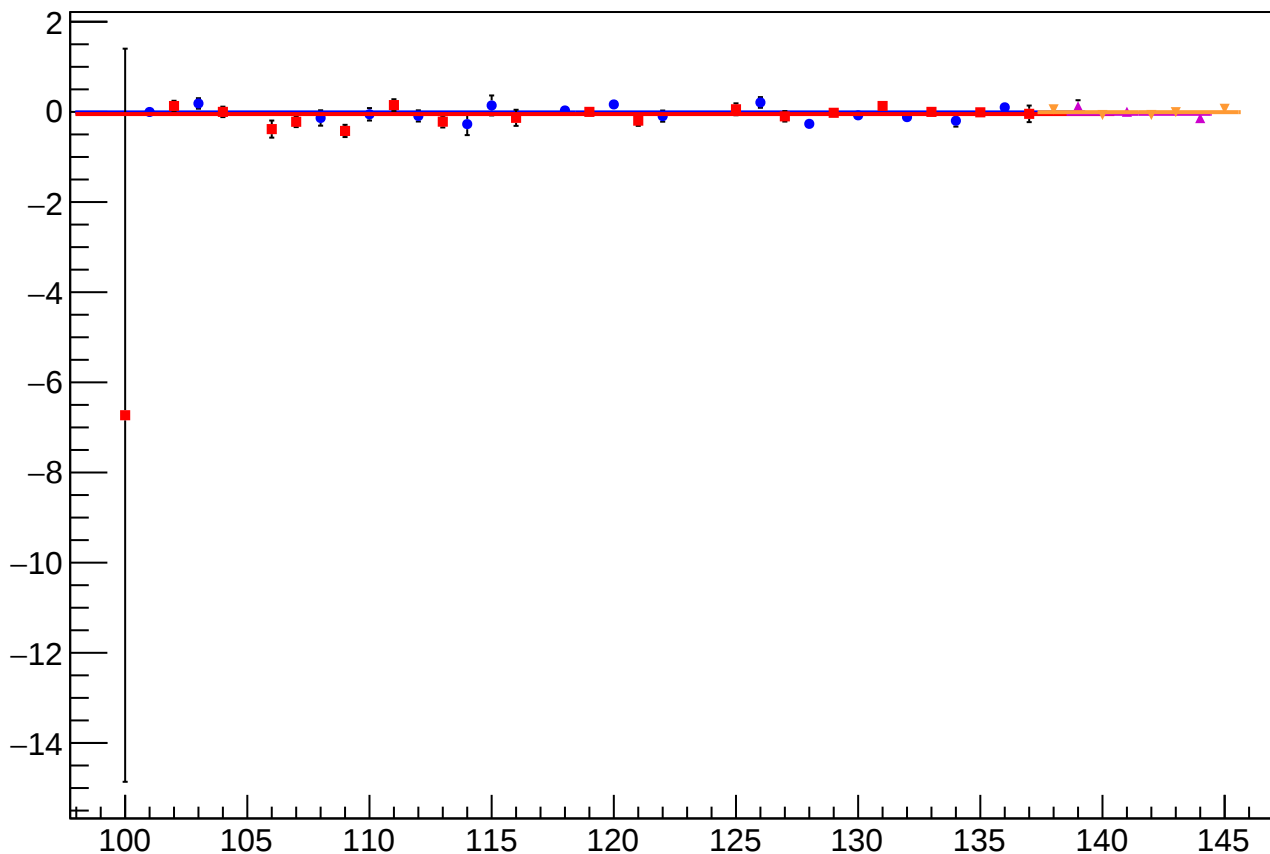
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.094+/-0.033 χ^2/NDF : 35.5/18

Out: 0.165+/-0.031 χ^2/NDF : 26.6/22

All: 0.132+/-0.023 χ^2/NDF : 64.5/41

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: -0.006 ± 0.039 χ^2/NDF : 2.1/4

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.043 ± 0.050 χ^2/NDF : 3.5/2

Left: -0.020 ± 0.031 χ^2/NDF : 5.9/7

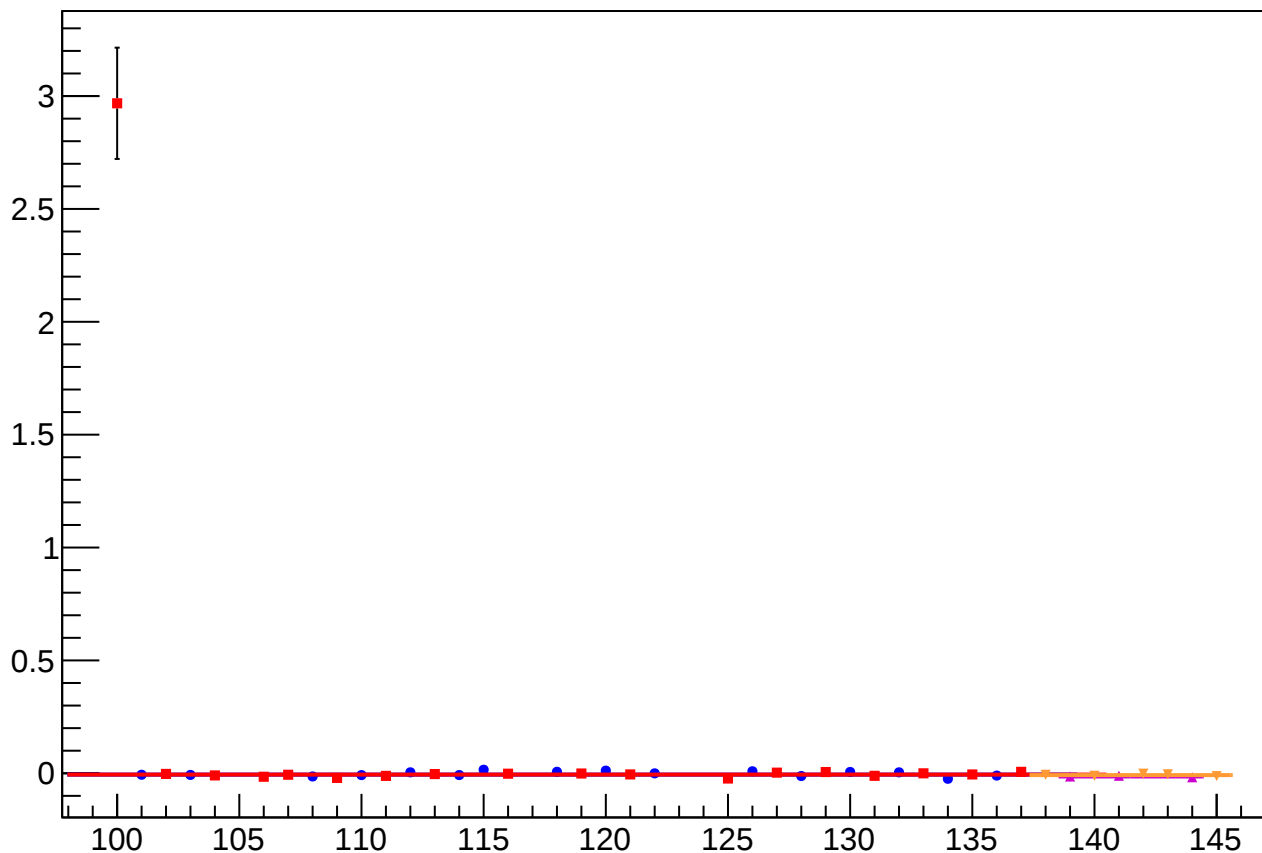
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.018 ± 0.024 χ^2/NDF : 27.2/18

Out: -0.034 ± 0.023 χ^2/NDF : 29.1/22

All: -0.026 ± 0.017 χ^2/NDF : 56.5/41

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.008 ± 0.002 χ^2/NDF : 4.2/4

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.014 ± 0.002 χ^2/NDF : 1.4/2

Left: -0.011 ± 0.001 χ^2/NDF : 10.7/7

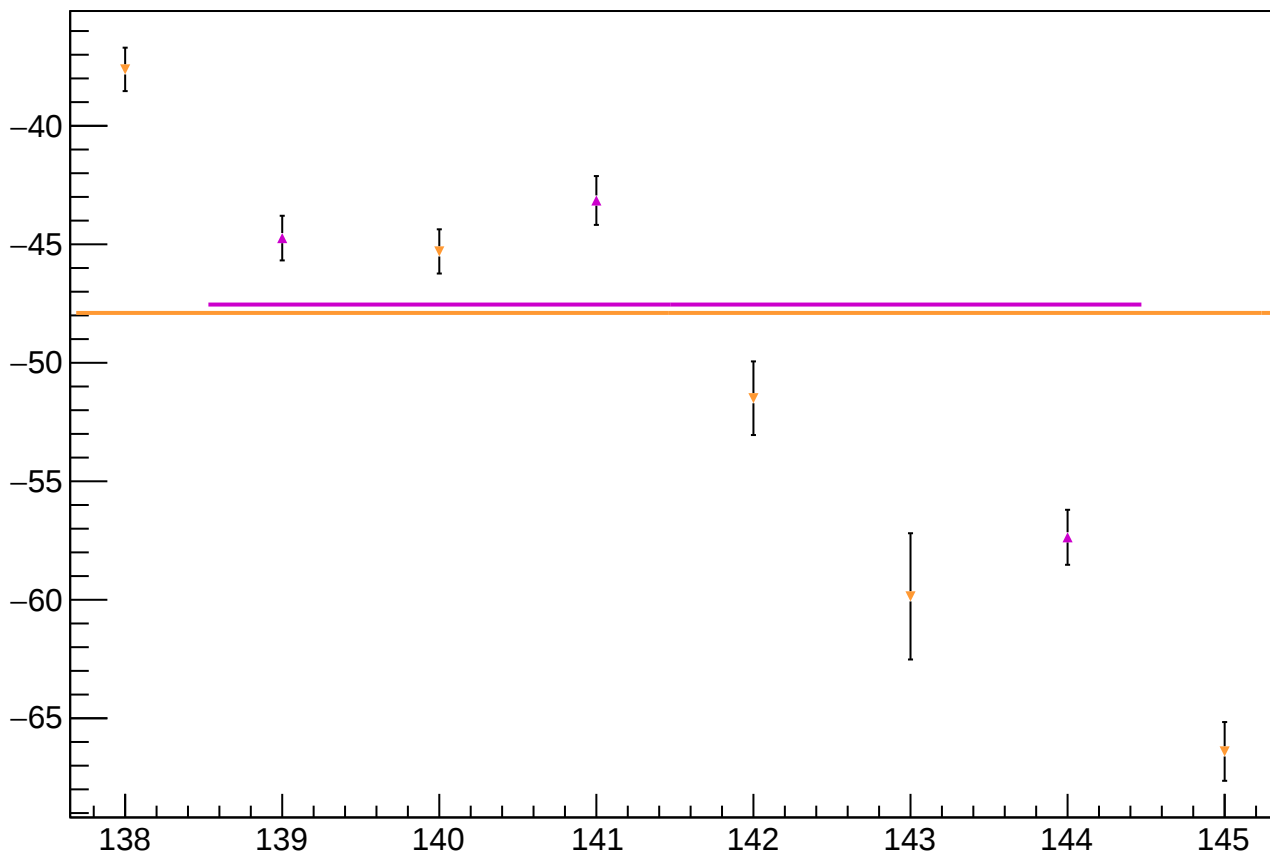
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 40.9/18

Out: -0.007 ± 0.001 χ^2/NDF : 170.4/22

All: -0.008 ± 0.001 χ^2/NDF : 212.8/41

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -47.895+/-0.531 χ^2/NDF :381.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.542+/-0.596 χ^2/NDF :98.7/2

Left: -47.739+/-0.397 χ^2/NDF : 480.7/7

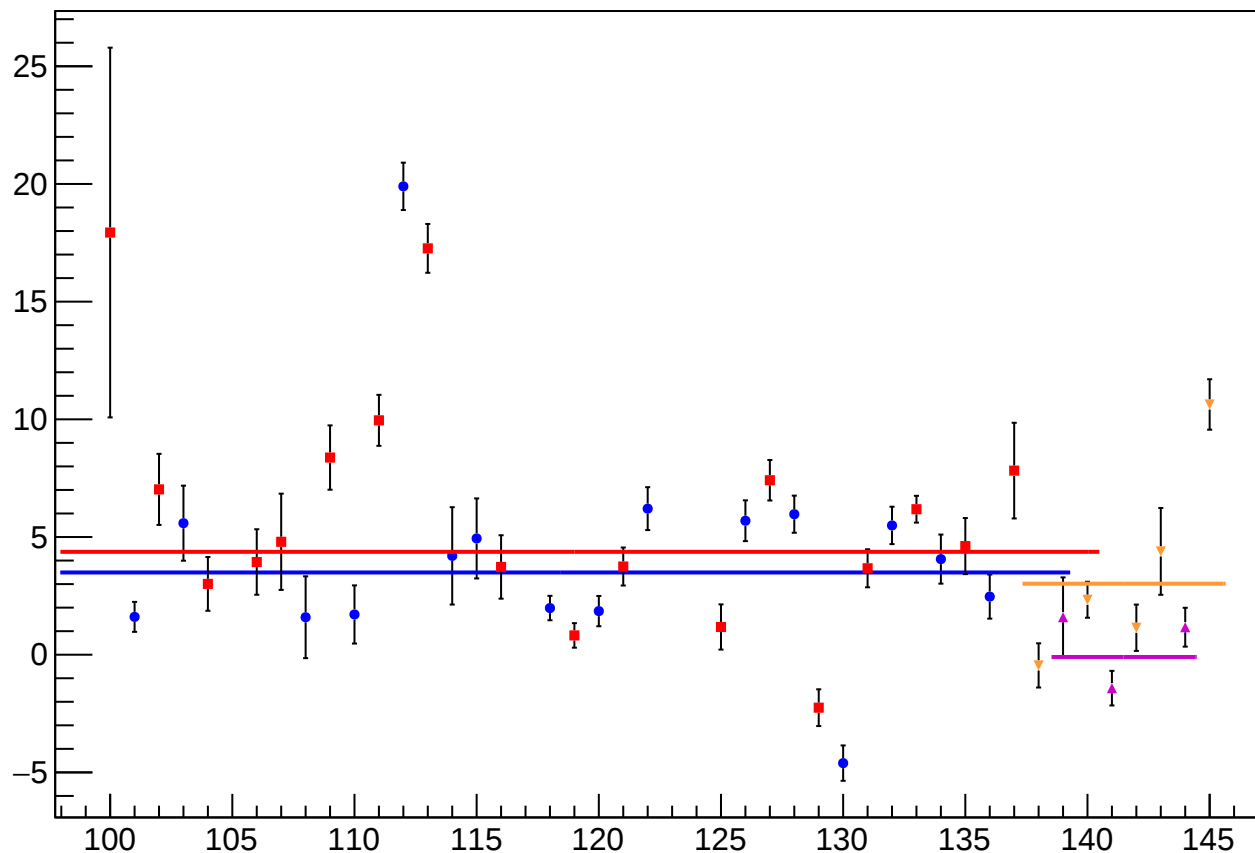
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.542+/-0.596 χ^2/NDF :98.7/2

Out: -47.895+/-0.531 χ^2/NDF :381.9/4

All: -47.739+/-0.397 χ^2/NDF : 480.7/7

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 3.017 $\pm$ 0.445 χ^2 /NDF:69.1/4

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: -0.096 $\pm$ 0.522 χ^2 /NDF:6.6/2

Left: 1.706 $\pm$ 0.339 χ^2 /NDF: 96.3/7

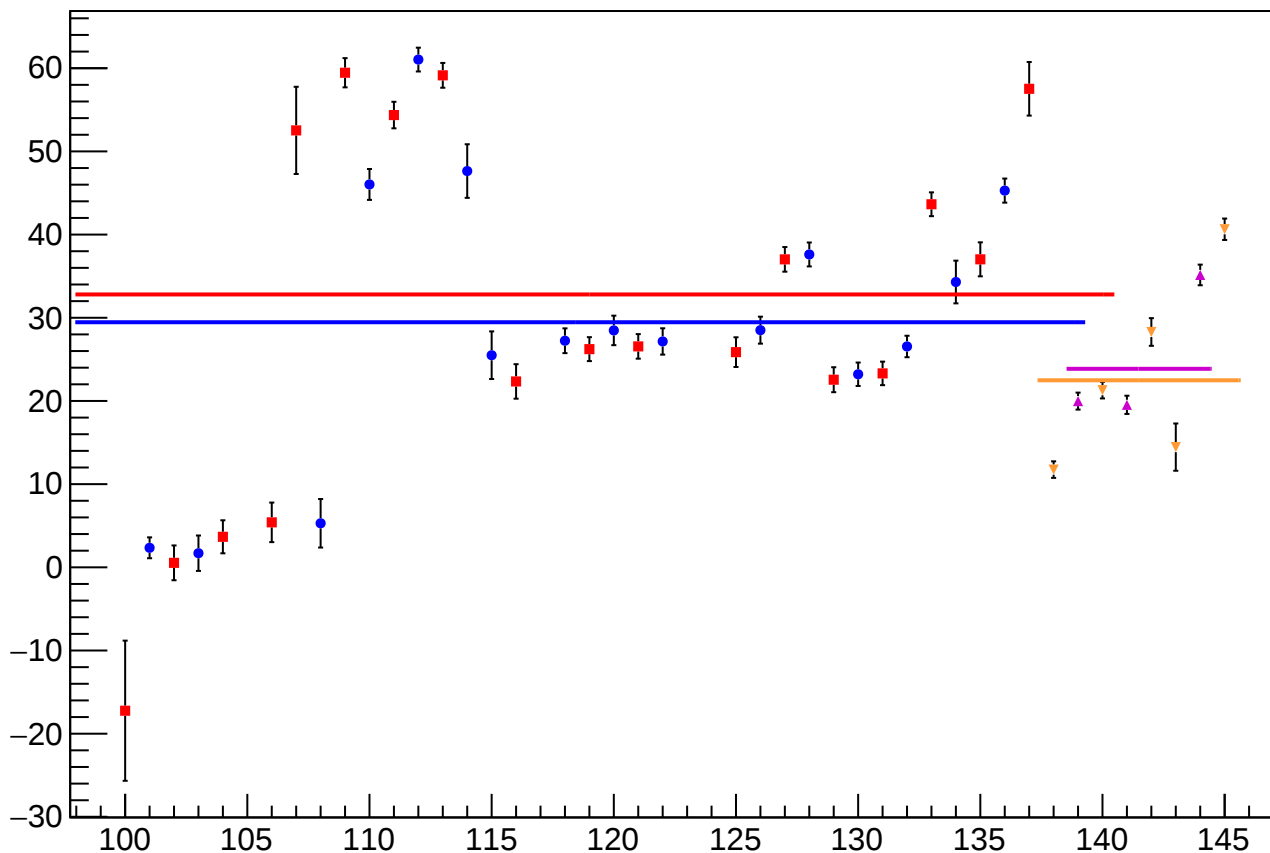
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.963 $\pm$ 0.201 χ^2 /NDF:491.8/18

Out: 4.095 $\pm$ 0.201 χ^2 /NDF:430.5/22

All: 3.529 $\pm$ 0.142 χ^2 /NDF: 938.1/41

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2/NDF : 1491.6/15

Left Out: 22.484 $\pm$ 0.566 χ^2/NDF : 337.6/4

Right Out: 32.804 $\pm$ 0.423 χ^2/NDF : 1659.8/17

Left In: 23.864 $\pm$ 0.640 χ^2/NDF : 112.8/2

Left: 23.090 $\pm$ 0.424 χ^2/NDF : 453.0/7

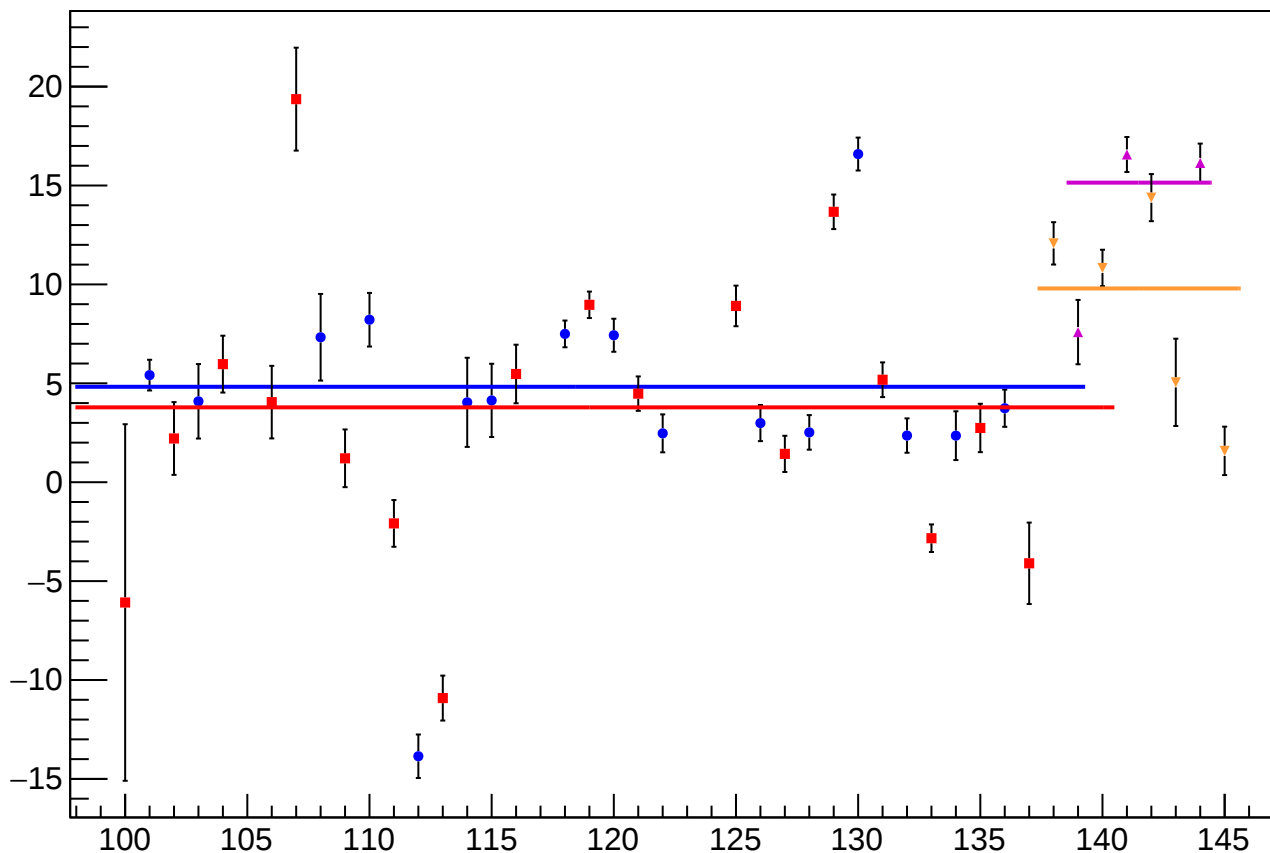
Right: 31.111 $\pm$ 0.297 χ^2/NDF : 3183.0/33

In: 27.791 $\pm$ 0.350 χ^2/NDF : 1658.1/18

Out: 29.110 $\pm$ 0.339 χ^2/NDF : 2210.5/22

All: 28.471 $\pm$ 0.243 χ^2/NDF : 3875.9/41

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 9.795 ± 0.525 χ^2/NDF : 70.3/4

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 15.145 ± 0.609 χ^2/NDF : 25.2/2

Left: 12.076 ± 0.398 χ^2/NDF : 139.8/7

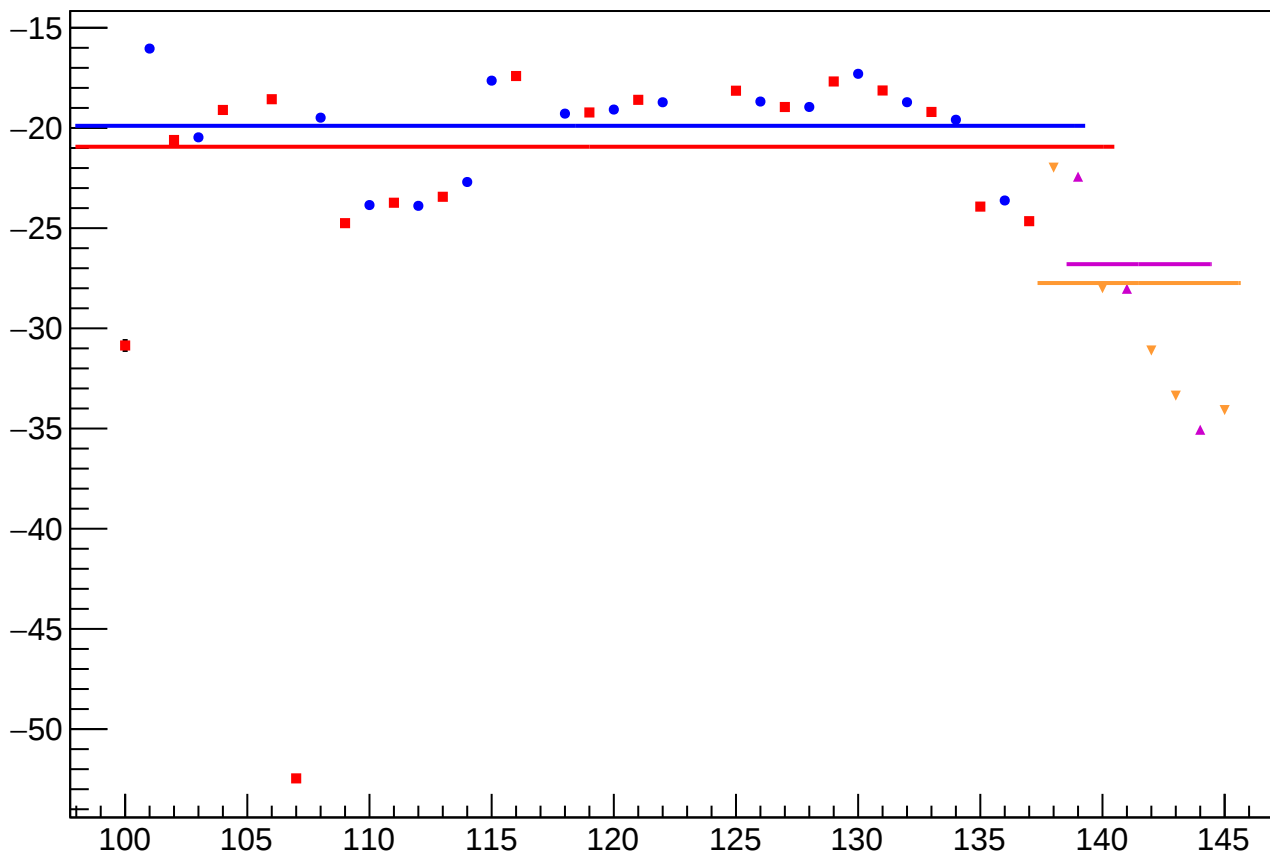
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 6.331 ± 0.233 χ^2/NDF : 823.6/18

Out: 4.960 ± 0.232 χ^2/NDF : 740.5/22

All: 5.644 ± 0.164 χ^2/NDF : 1581.6/41

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -27.738 $\pm$ 0.023 χ^2 /NDF: 42187.9/4

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -26.797 $\pm$ 0.025 χ^2 /NDF: 38710.5/2

Left: -27.301 $\pm$ 0.017 χ^2 /NDF: 81670.0/7

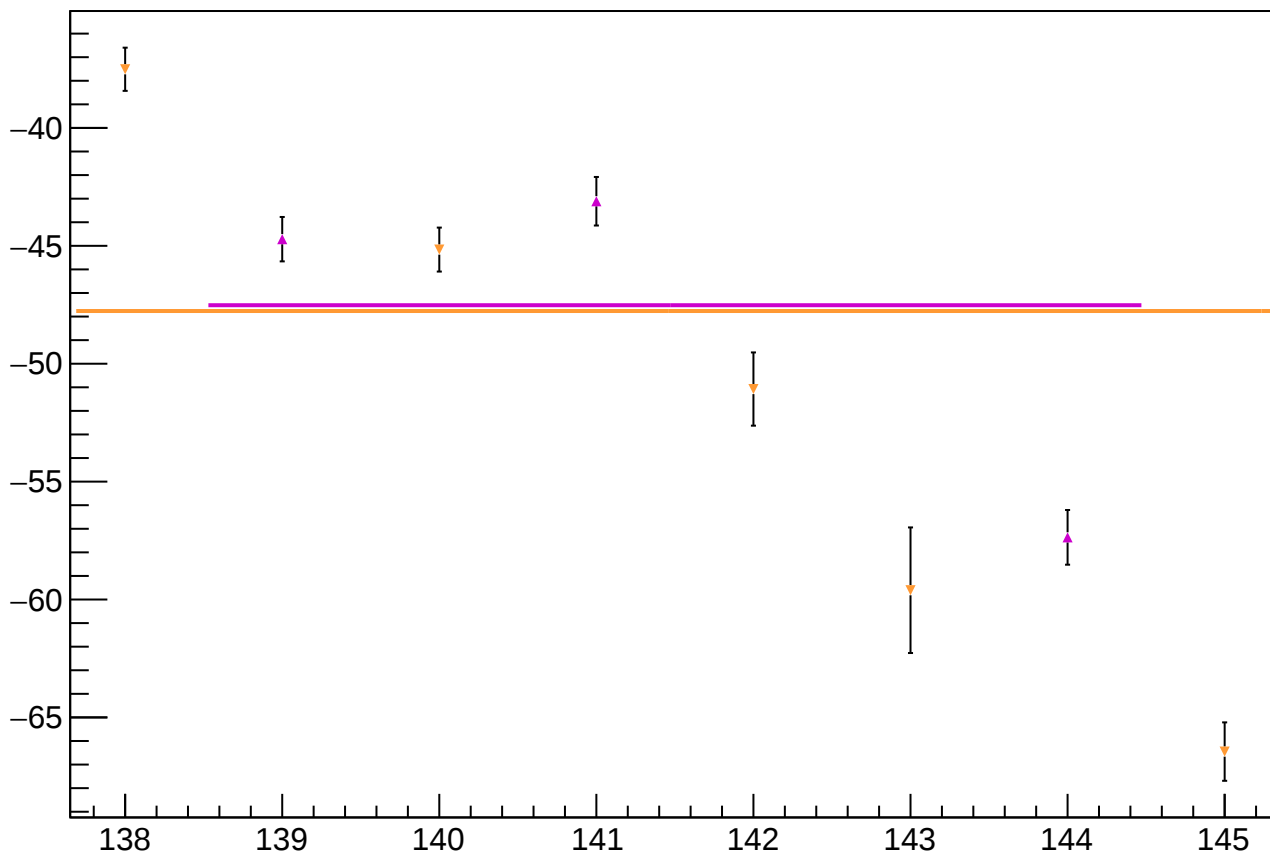
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.849 $\pm$ 0.013 χ^2 /NDF: 120426.5/18

Out: -23.087 $\pm$ 0.013 χ^2 /NDF: 195555.4/22

All: -22.478 $\pm$ 0.009 χ^2 /NDF: 320445.7/41

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -47.765+/-0.531 χ^2/NDF :384.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.519+/-0.596 χ^2/NDF :99.2/2

Left: -47.656+/-0.396 χ^2/NDF : 484.3/7

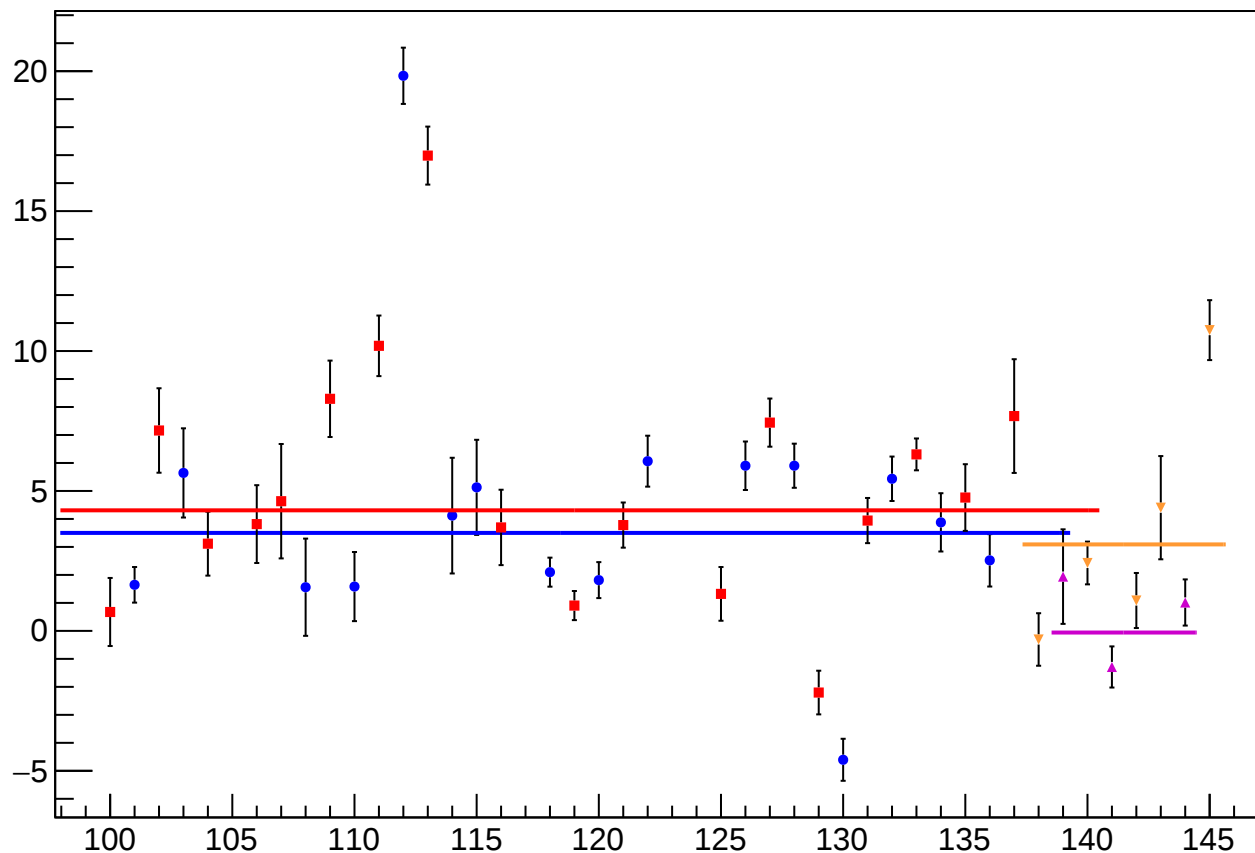
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.519+/-0.596 χ^2/NDF :99.2/2

Out: -47.765+/-0.531 χ^2/NDF :384.9/4

All: -47.656+/-0.396 χ^2/NDF : 484.3/7

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 3.090 ± 0.445 χ^2/NDF : 69.7/4

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: -0.059 ± 0.522 χ^2/NDF : 5.9/2

Left: 1.764 ± 0.339 χ^2/NDF : 96.6/7

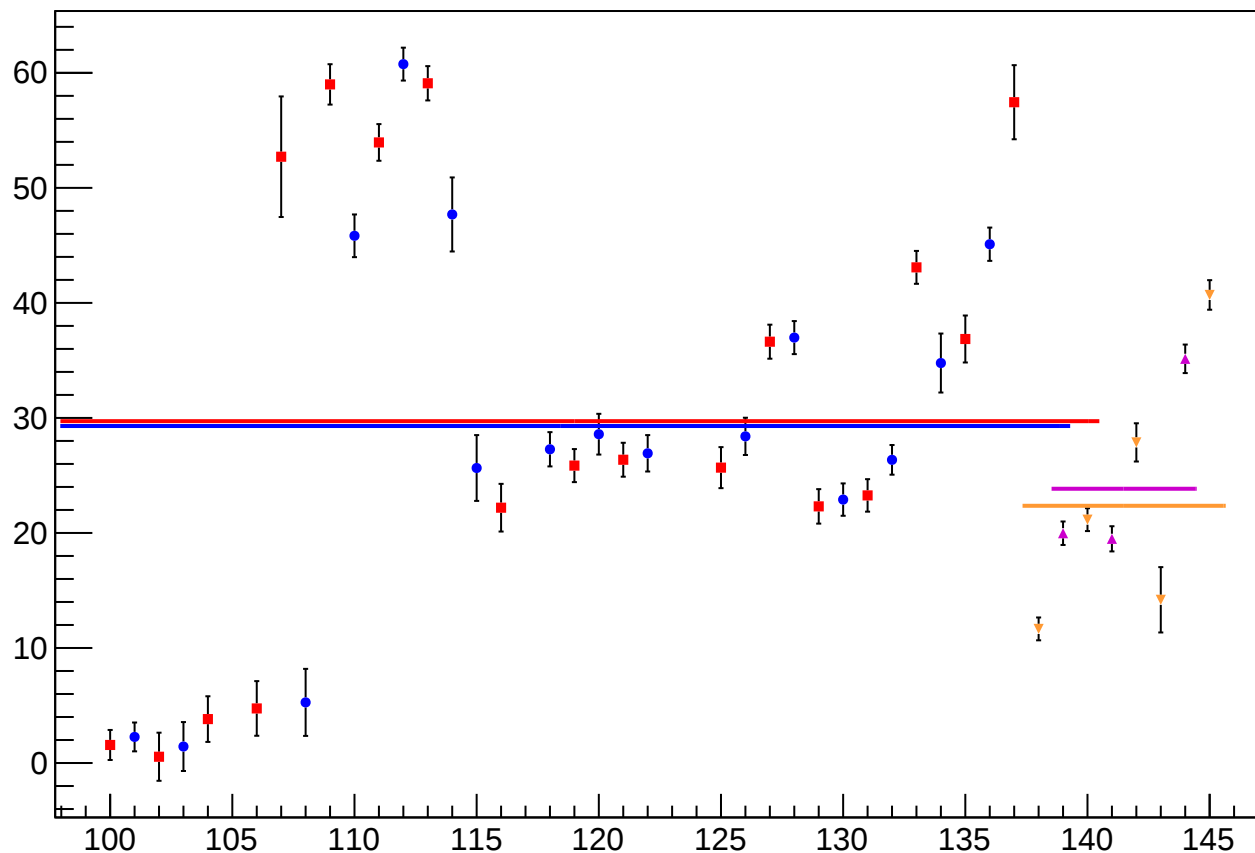
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.974 ± 0.201 χ^2/NDF : 487.5/18

Out: 4.066 ± 0.198 χ^2/NDF : 428.5/22

All: 3.527 ± 0.141 χ^2/NDF : 930.9/41

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297+/-0.417 χ^2/NDF : 1485.2/15

Left Out: 22.362+/-0.566 χ^2/NDF :340.2/4

Right Out: 29.719+/-0.403 χ^2/NDF : 2128.9/17

Left In: 23.843+/-0.640 χ^2/NDF :113.1/2

Left: 23.013+/-0.424 χ^2/NDF : 456.4/7

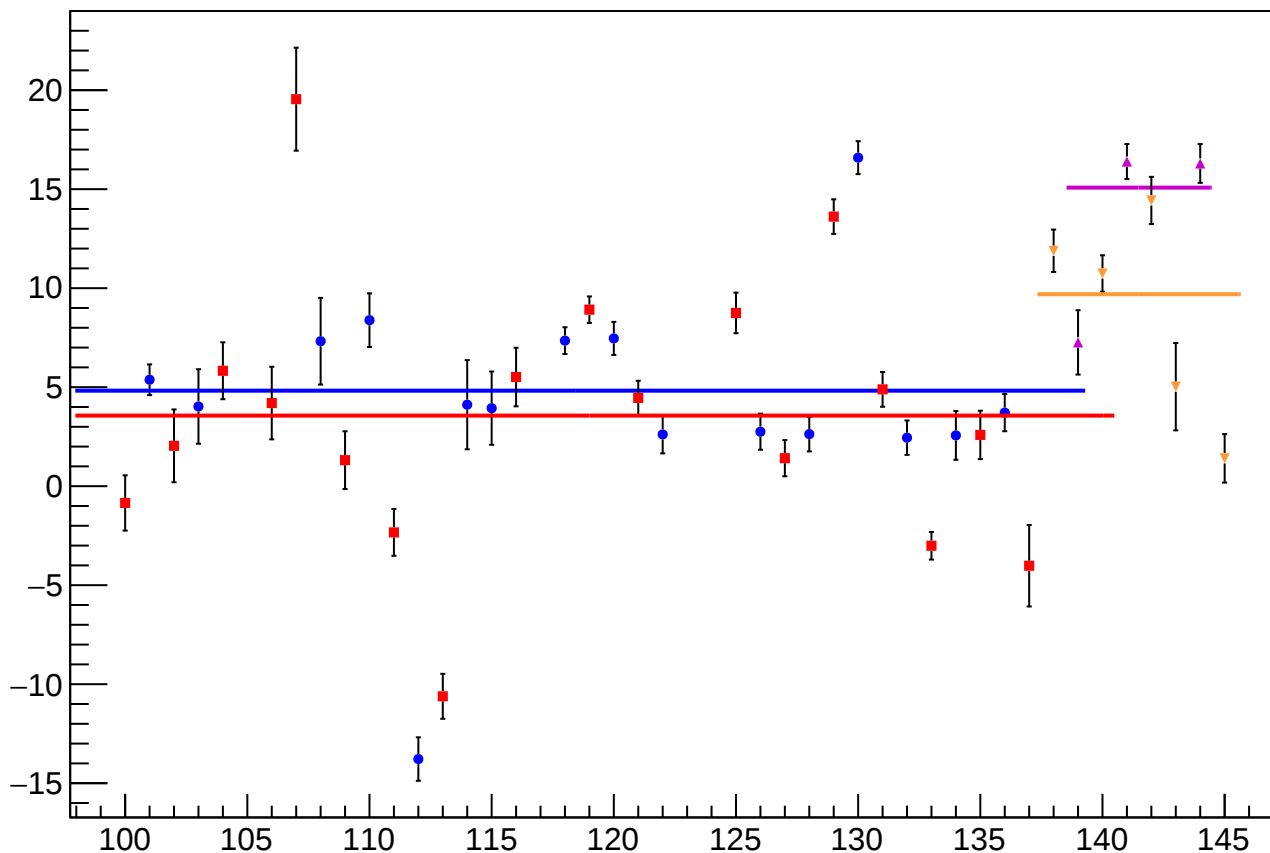
Right: 29.515+/-0.290 χ^2/NDF : 3614.7/33

In: 27.668+/-0.349 χ^2/NDF :1649.4/18

Out: 27.249+/-0.328 χ^2/NDF :2581.3/22

All: 27.445+/-0.239 χ^2/NDF : 4231.5/41

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.695 ± 0.525 $\chi^2/\text{NDF}: 71.7/4$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 15.078 ± 0.608 $\chi^2/\text{NDF}: 26.9/2$

Left: 11.991 ± 0.397 $\chi^2/\text{NDF}: 143.5/7$

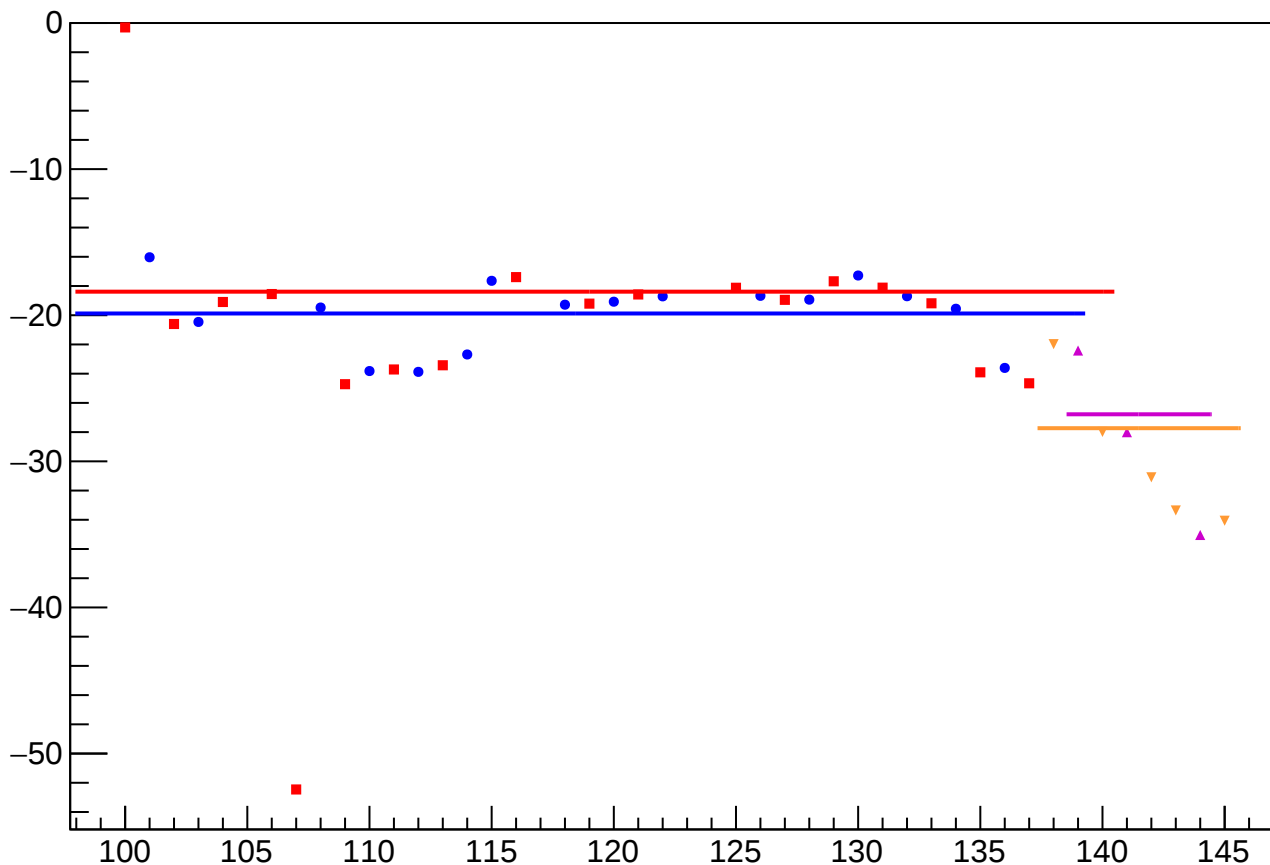
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 6.321 ± 0.232 $\chi^2/\text{NDF}: 818.8/18$

Out: 4.732 ± 0.229 $\chi^2/\text{NDF}: 752.5/22$

All: 5.514 ± 0.163 $\chi^2/\text{NDF}: 1595.0/41$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880+/-0.016 χ^2/NDF : 26082.0/15

Left Out: -27.731+/-0.023 χ^2/NDF : 42157.0/4

Right Out: -18.387+/-0.015 χ^2/NDF : 301256.3/17

Left In: -26.780+/-0.025 χ^2/NDF : 38717.6/2

Left: -27.289+/-0.017 χ^2/NDF : 81664.1/7

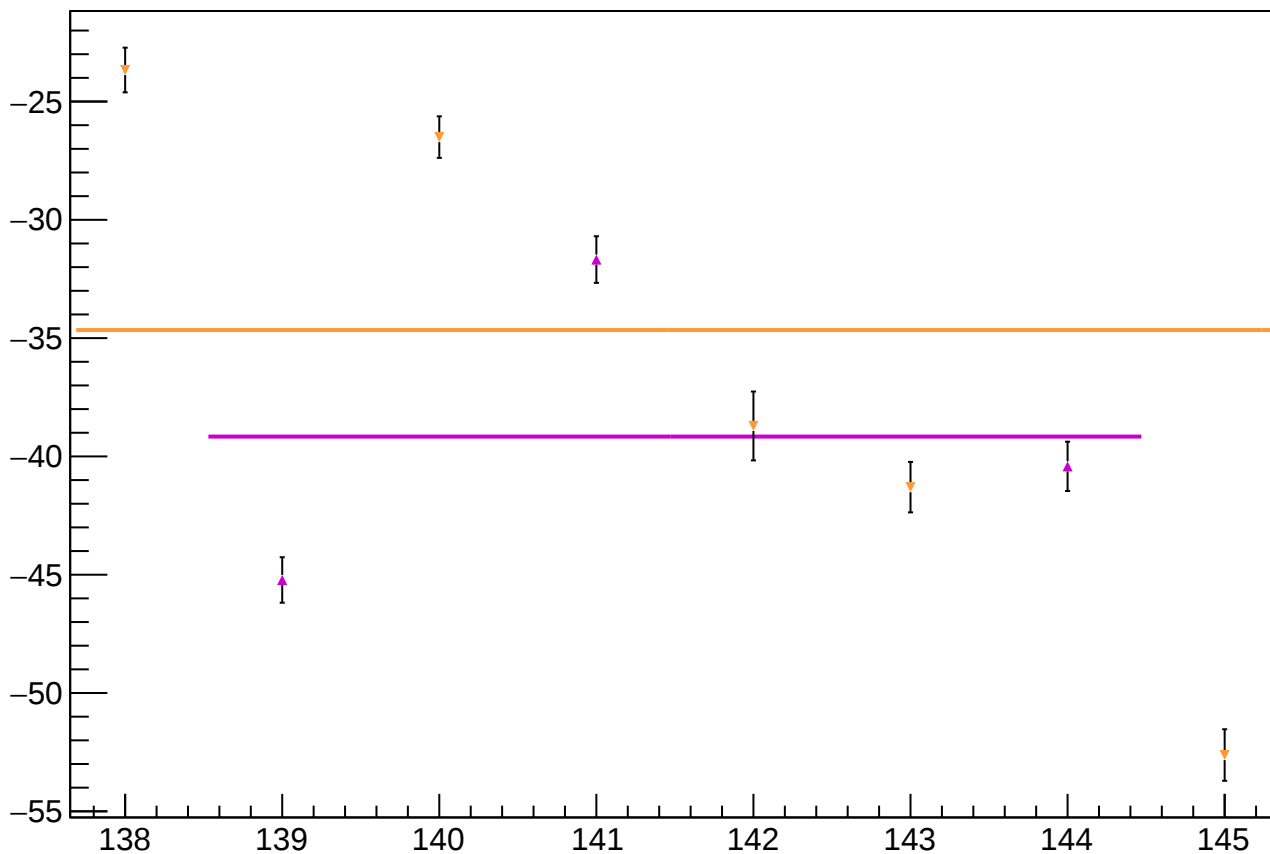
Right: -19.093+/-0.011 χ^2/NDF : 332185.5/33

In: -21.836+/-0.013 χ^2/NDF : 120409.6/18

Out: -21.092+/-0.012 χ^2/NDF : 459699.2/22

All: -21.442+/-0.009 χ^2/NDF : 581797.3/41

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.658+/-0.466 χ^2/NDF :540.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.161+/-0.574 χ^2/NDF :98.8/2

Left: -36.444+/-0.362 χ^2/NDF : 676.1/7

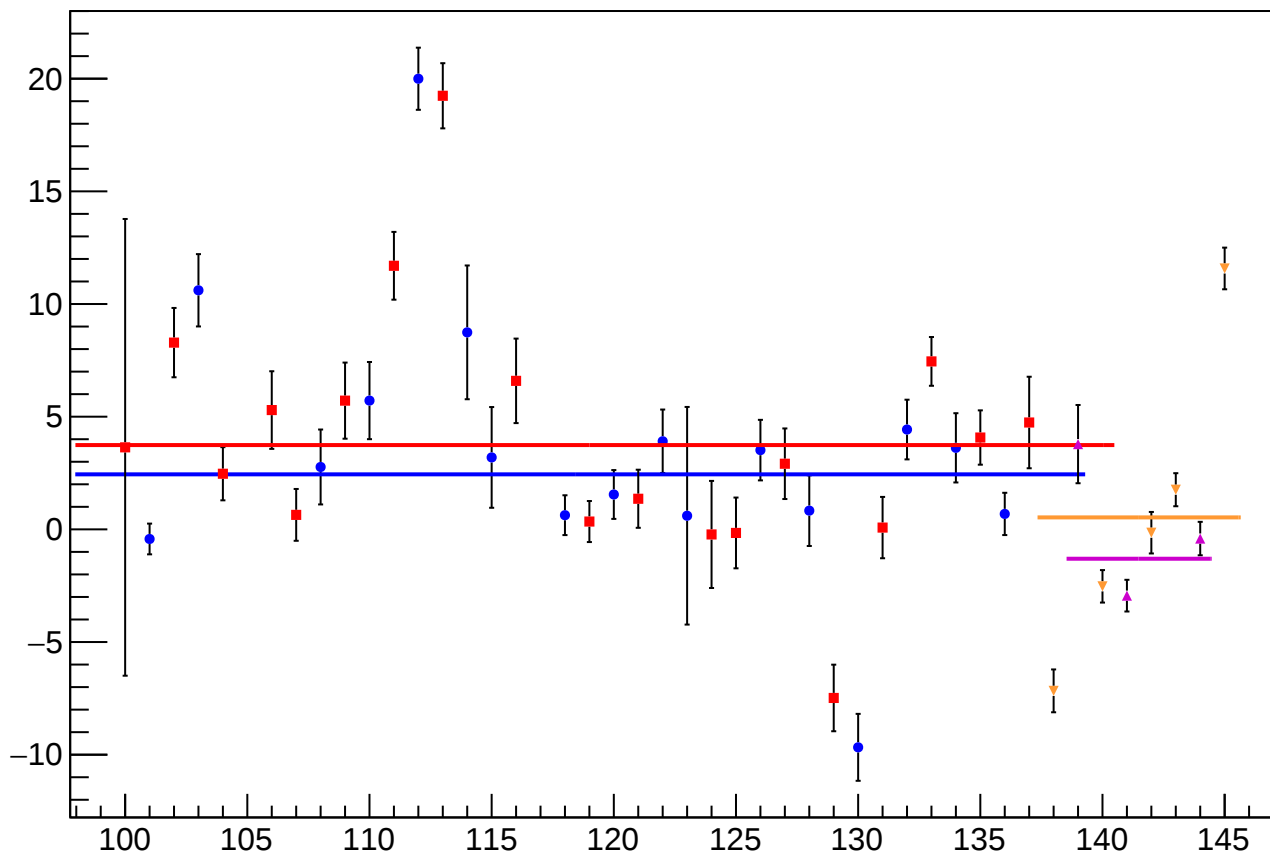
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.161+/-0.574 χ^2/NDF :98.8/2

Out: -34.658+/-0.466 χ^2/NDF :540.1/4

All: -36.444+/-0.362 χ^2/NDF : 676.1/7

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2/NDF : 294.7/16

Left Out: 0.531 $\pm$ 0.372 χ^2/NDF : 229.8/4

Right Out: 3.740 $\pm$ 0.326 χ^2/NDF : 268.1/18

Left In: -1.304 $\pm$ 0.490 χ^2/NDF : 15.5/2

Left: -0.139 $\pm$ 0.296 χ^2/NDF : 254.2/7

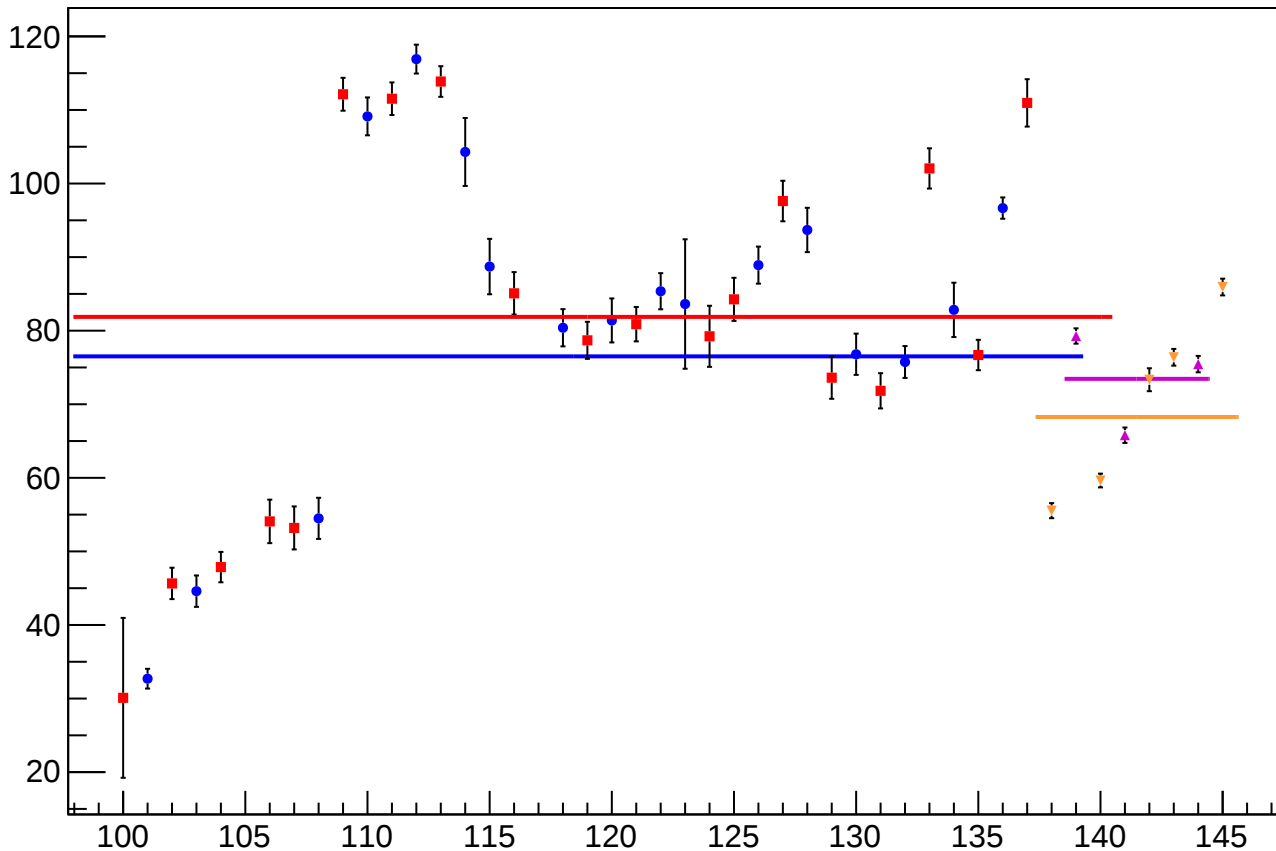
Right: 3.060 $\pm$ 0.225 χ^2/NDF : 571.1/35

In: 1.363 $\pm$ 0.263 χ^2/NDF : 351.8/19

Out: 2.342 $\pm$ 0.245 χ^2/NDF : 540.1/23

All: 1.886 $\pm$ 0.179 χ^2/NDF : 899.3/43

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 68.270 $\pm$ 0.497 χ^2 /NDF: 542.5/4

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 73.454 $\pm$ 0.616 χ^2 /NDF: 88.0/2

Left: 70.313 $\pm$ 0.387 χ^2 /NDF: 673.4/7

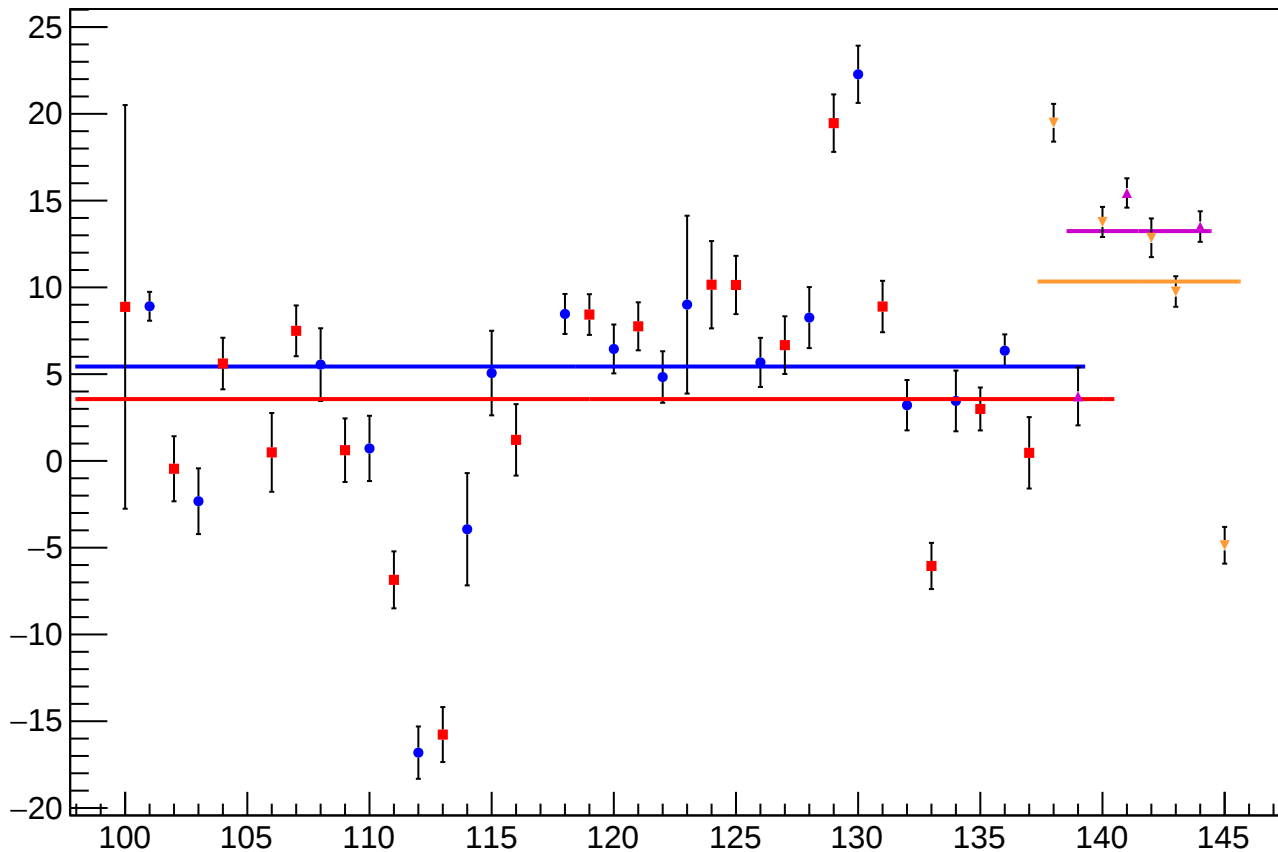
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 75.088 $\pm$ 0.420 χ^2 /NDF: 2352.0/19

Out: 73.892 $\pm$ 0.380 χ^2 /NDF: 2423.4/23

All: 74.431 $\pm$ 0.282 χ^2 /NDF: 4779.9/43

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: 10.337 $\pm$ 0.440 χ^2 /NDF:297.9/4

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 13.243 $\pm$ 0.573 χ^2 /NDF:39.3/2

Left: 11.416 $\pm$ 0.349 χ^2 /NDF: 353.4/7

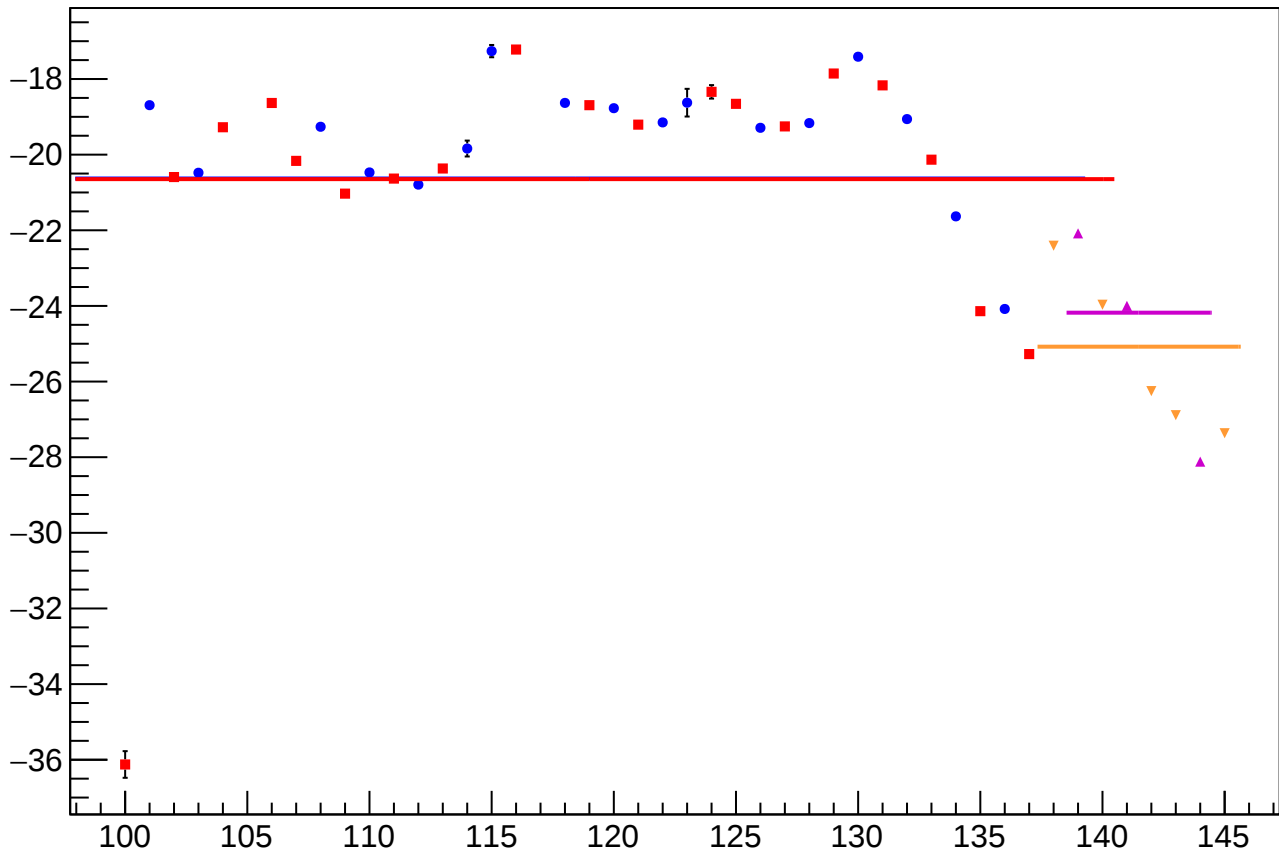
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 7.629 $\pm$ 0.303 χ^2 /NDF:559.0/19

Out: 6.410 $\pm$ 0.285 χ^2 /NDF:855.9/23

All: 6.982 $\pm$ 0.208 χ^2 /NDF: 1423.4/43

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: -25.078+/-0.020 χ^2/NDF : 9601.8/4

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -24.179+/-0.024 χ^2/NDF : 9801.3/2

Left: -24.706+/-0.016 χ^2/NDF : 20217.7/7

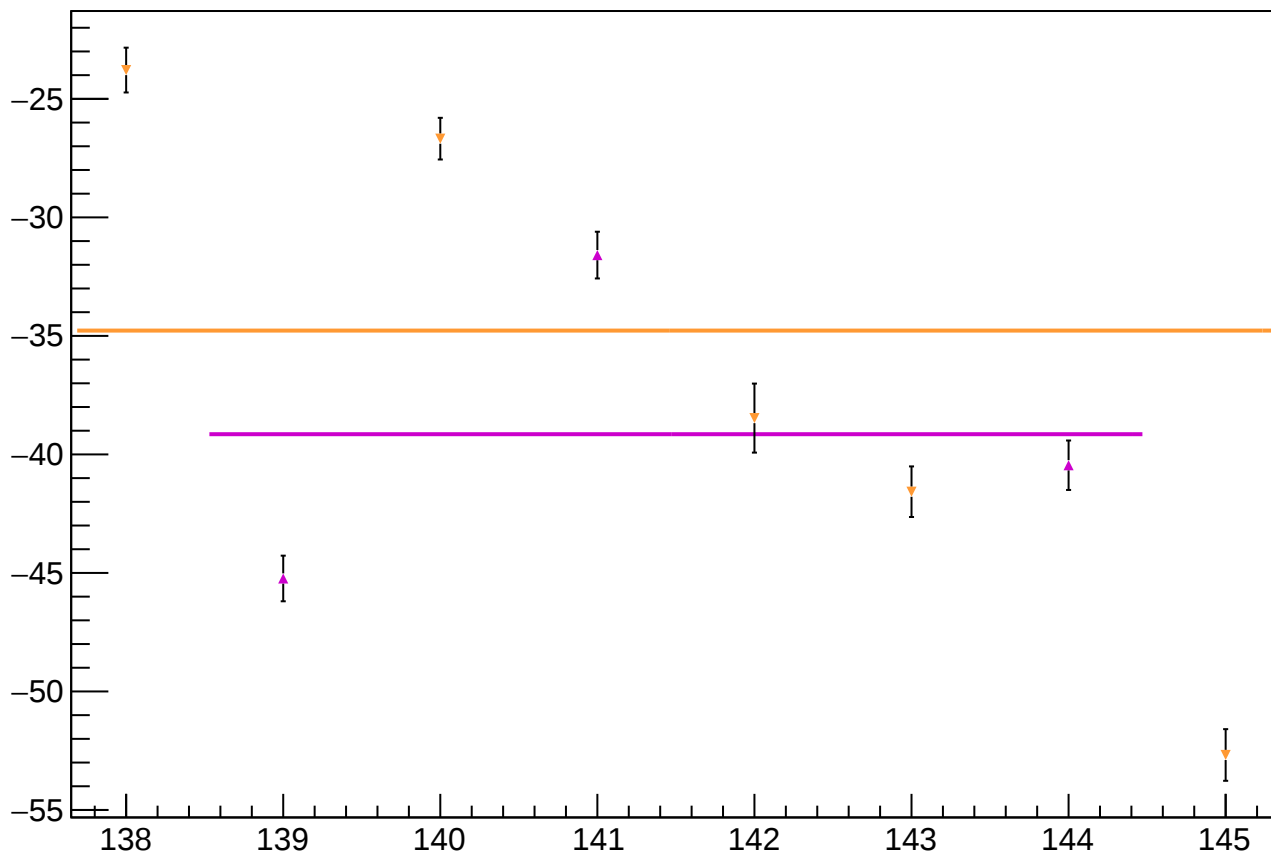
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -22.016+/-0.015 χ^2/NDF : 35493.5/19

Out: -22.770+/-0.014 χ^2/NDF : 48431.1/23

All: -22.420+/-0.010 χ^2/NDF : 85268.8/43

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.775+/-0.466 χ^2/NDF :537.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.147+/-0.575 χ^2/NDF :100.3/2

Left: -36.509+/-0.362 χ^2/NDF : 672.3/7

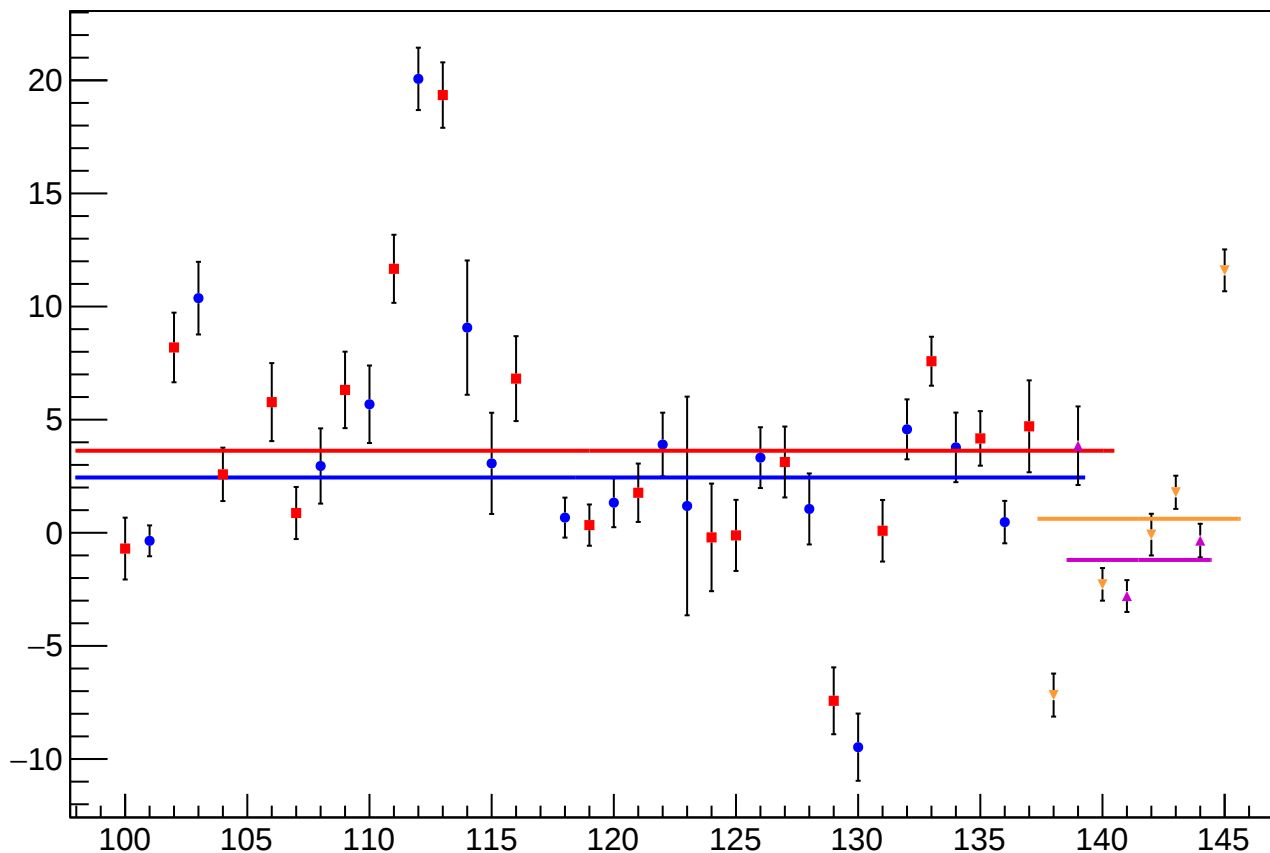
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.147+/-0.575 χ^2/NDF :100.3/2

Out: -34.775+/-0.466 χ^2/NDF :537.0/4

All: -36.509+/-0.362 χ^2/NDF : 672.3/7

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 0.619 $\pm$ 0.372 χ^2 /NDF:227.4/4

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: -1.200 $\pm$ 0.490 χ^2 /NDF:14.9/2

Left: -0.046 $\pm$ 0.296 χ^2 /NDF: 251.1/7

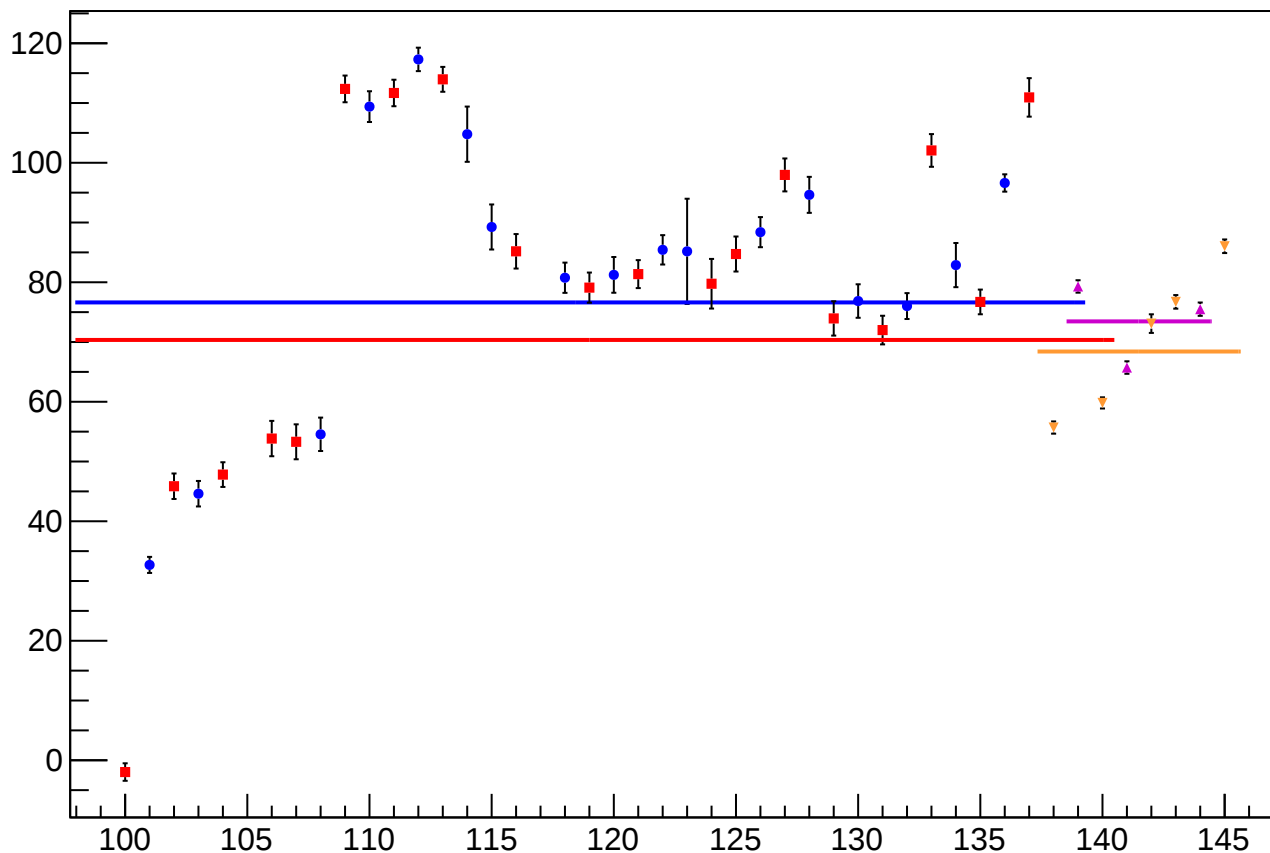
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 1.395 $\pm$ 0.263 χ^2 /NDF:347.0/19

Out: 2.356 $\pm$ 0.242 χ^2 /NDF:544.1/23

All: 1.916 $\pm$ 0.178 χ^2 /NDF: 898.3/43

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2/NDF : 2262.8/16

Left Out: 68.411 $\pm$ 0.497 χ^2/NDF : 540.7/4

Right Out: 70.347 $\pm$ 0.550 χ^2/NDF : 4388.1/18

Left In: 73.452 $\pm$ 0.616 χ^2/NDF : 89.2/2

Left: 70.398 $\pm$ 0.387 χ^2/NDF : 670.4/7

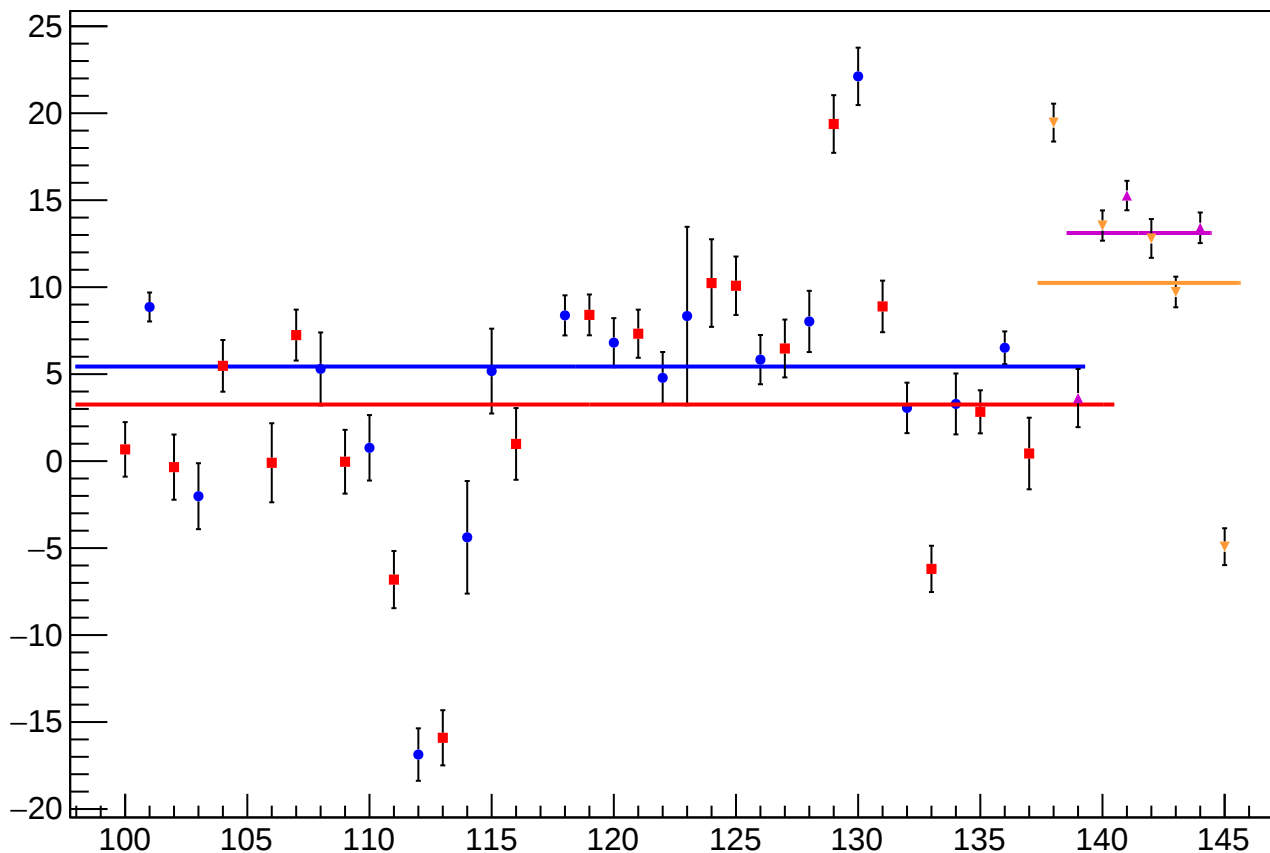
Right: 73.348 $\pm$ 0.397 χ^2/NDF : 6713.3/35

In: 75.150 $\pm$ 0.420 χ^2/NDF : 2366.2/19

Out: 69.282 $\pm$ 0.369 χ^2/NDF : 4935.6/23

All: 71.834 $\pm$ 0.277 χ^2/NDF : 7412.0/43

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 10.245 ± 0.441 $\chi^2/\text{NDF}: 296.6/4$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 13.114 ± 0.573 $\chi^2/\text{NDF}: 38.8/2$

Left: 11.310 ± 0.349 $\chi^2/\text{NDF}: 351.1/7$

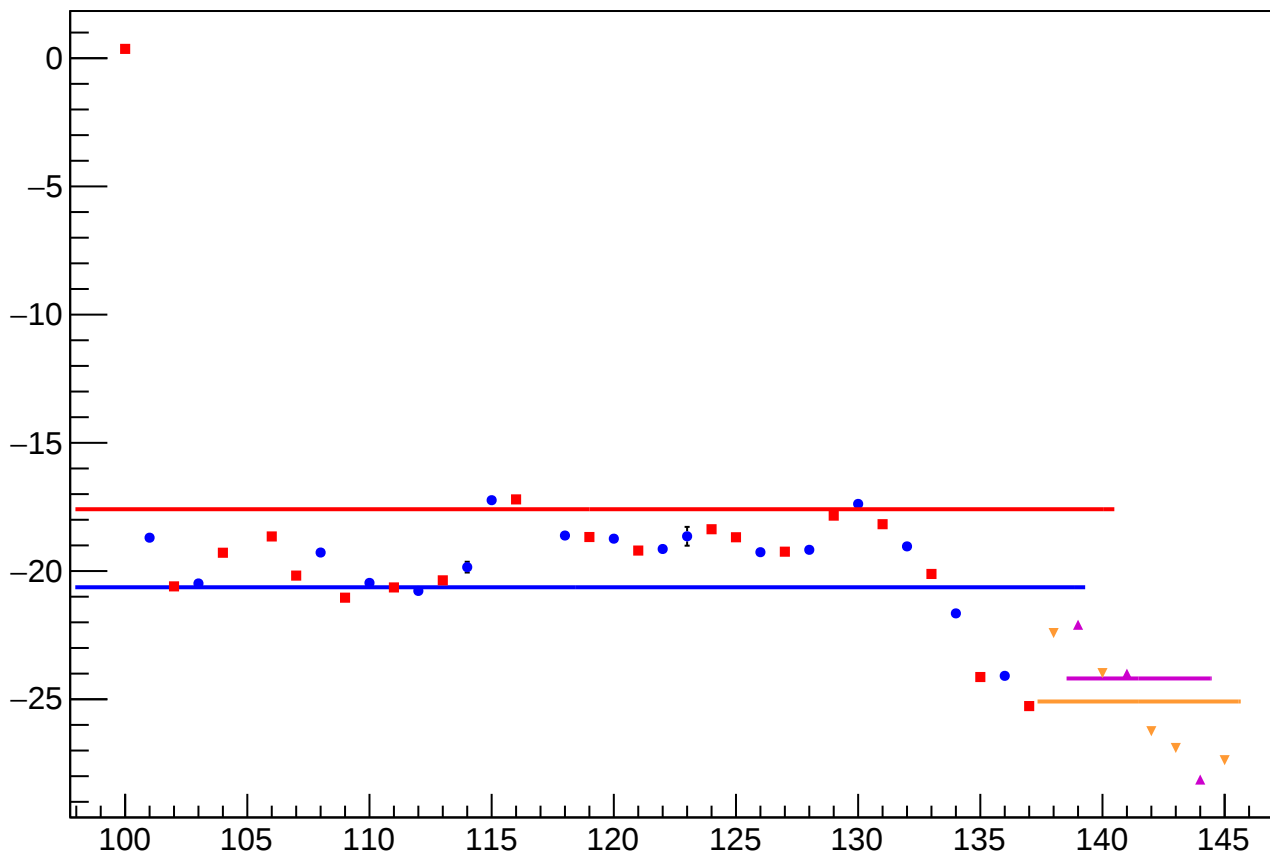
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.591 ± 0.304 $\chi^2/\text{NDF}: 552.3/19$

Out: 6.100 ± 0.281 $\chi^2/\text{NDF}: 869.6/23$

All: 6.788 ± 0.206 $\chi^2/\text{NDF}: 1434.9/43$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 χ^2/NDF : 12543.2/16

Left Out: -25.087 ± 0.020 χ^2/NDF : 9576.3/4

Right Out: -17.589 ± 0.018 χ^2/NDF : 178672.3/18

Left In: -24.189 ± 0.024 χ^2/NDF : 9793.5/2

Left: -24.716 ± 0.016 χ^2/NDF : 20181.5/7

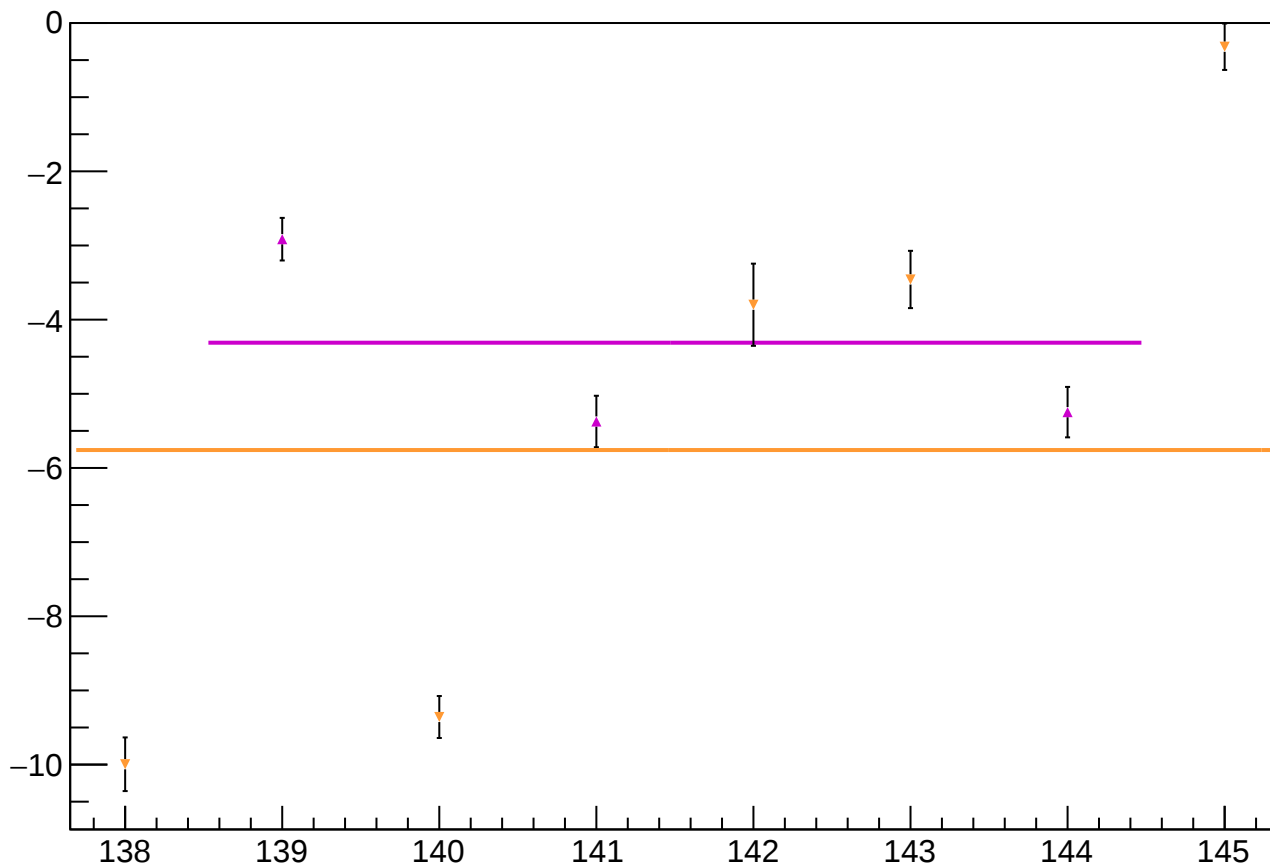
Right: -19.006 ± 0.013 χ^2/NDF : 204500.0/35

In: -22.020 ± 0.015 χ^2/NDF : 35580.8/19

Out: -20.898 ± 0.013 χ^2/NDF : 264707.3/23

All: -21.396 ± 0.010 χ^2/NDF : 303369.9/43

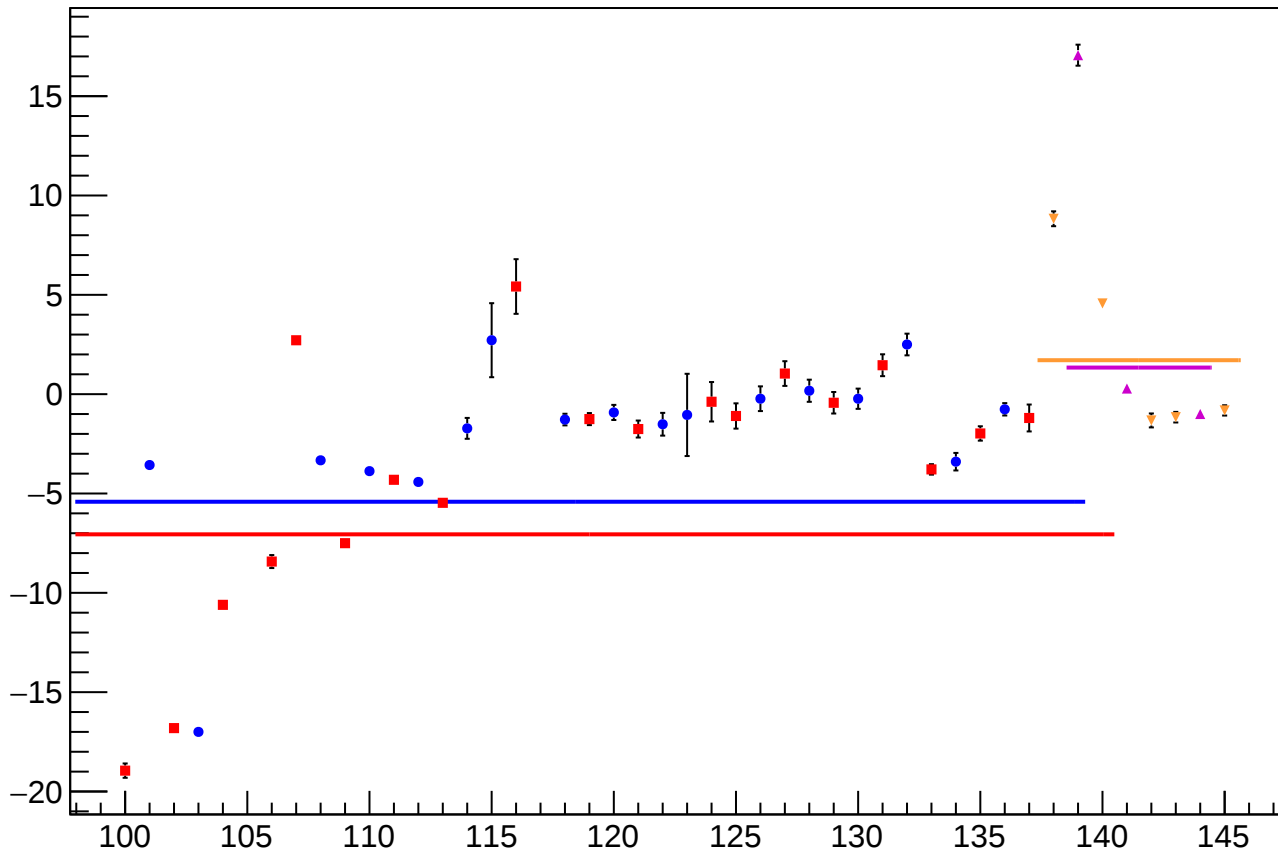
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.758+/-0.158 χ^2/NDF : 649.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.311+/-0.185 χ^2/NDF : 40.6/2

Left: -5.152+/-0.120 χ^2/NDF : 725.1/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.311+/-0.185 χ^2/NDF : 40.6/2
 Out: -5.758+/-0.158 χ^2/NDF : 649.1/4
 All: -5.152+/-0.120 χ^2/NDF : 725.1/7

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2 /NDF: 9255.1/16

Left Out: 1.709 $\pm$ 0.127 χ^2 /NDF: 794.7/4

Right Out: -7.056 $\pm$ 0.059 χ^2 /NDF: 12334.0/18

Left In: 1.338 $\pm$ 0.166 χ^2 /NDF: 992.4/2

Left: 1.572 $\pm$ 0.101 χ^2 /NDF: 1790.3/7

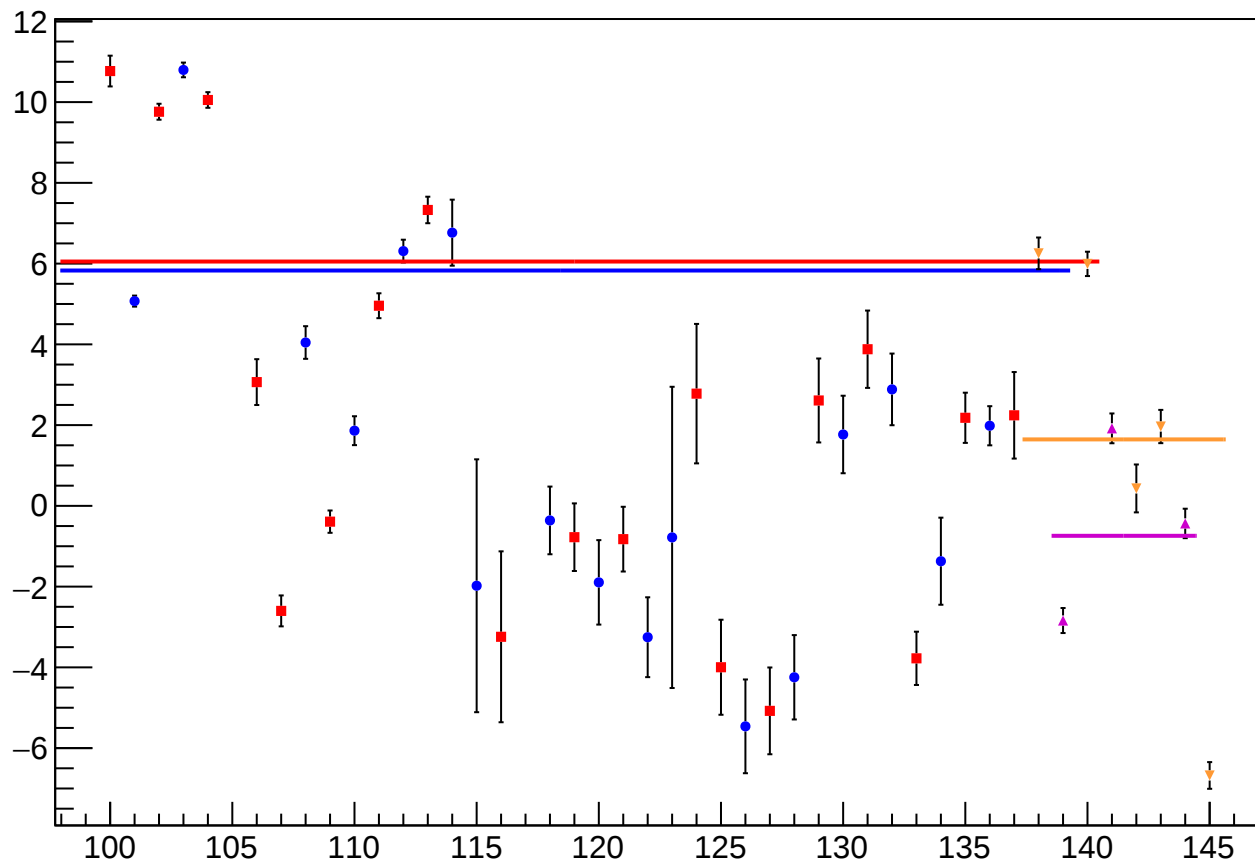
Right: -6.174 $\pm$ 0.040 χ^2 /NDF: 22004.4/35

In: -4.749 $\pm$ 0.052 χ^2 /NDF: 11747.9/19

Out: -5.494 $\pm$ 0.053 χ^2 /NDF: 17060.5/23

All: -5.111 $\pm$ 0.037 χ^2 /NDF: 28908.1/43

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 1.646 ± 0.168 $\chi^2/\text{NDF}: 984.7/4$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -0.742 ± 0.199 $\chi^2/\text{NDF}: 98.6/2$

Left: 0.651 ± 0.128 $\chi^2/\text{NDF}: 1167.4/7$

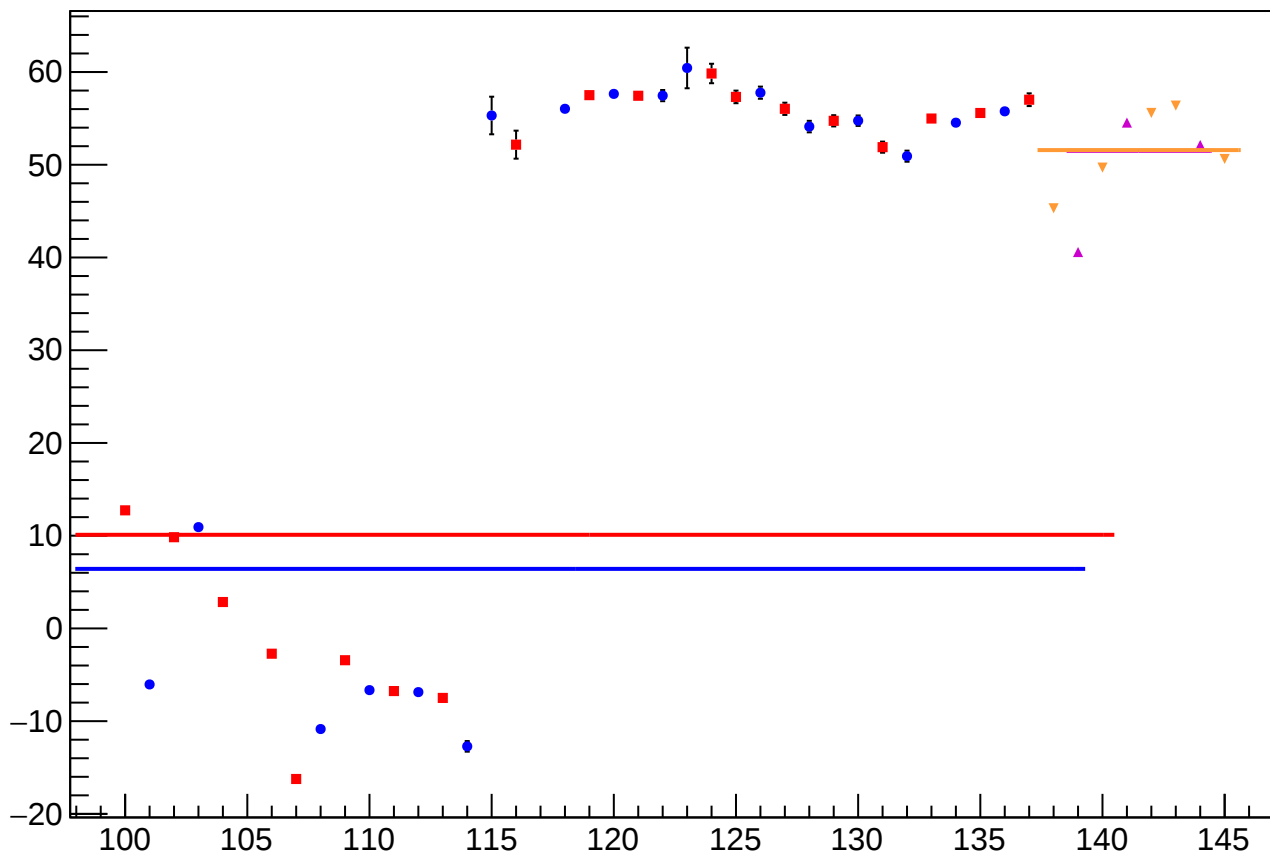
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 4.720 ± 0.082 $\chi^2/\text{NDF}: 2454.0/19$

Out: 5.014 ± 0.082 $\chi^2/\text{NDF}: 4183.8/23$

All: 4.867 ± 0.058 $\chi^2/\text{NDF}: 6644.4/43$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 51.581 ± 0.150 χ^2/NDF : 587.6/4

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 51.499 ± 0.192 χ^2/NDF : 566.2/2

Left: 51.550 ± 0.118 χ^2/NDF : 1153.9/7

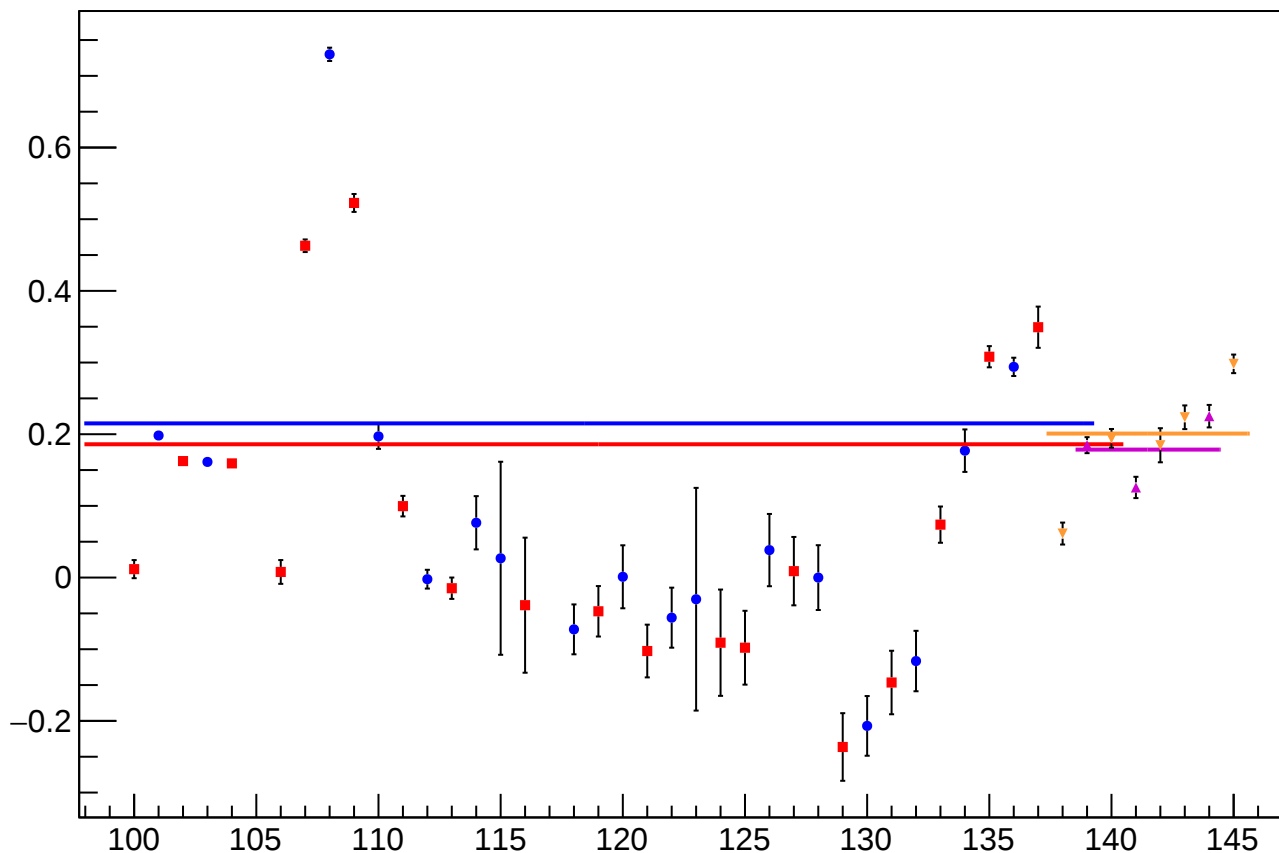
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 11.013 ± 0.061 χ^2/NDF : 173071.4/19

Out: 17.494 ± 0.063 χ^2/NDF : 185867.0/23

All: 14.157 ± 0.044 χ^2/NDF : 364354.6/43

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.201 $\pm$ 0.007 χ^2 /NDF:141.9/4

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.179 $\pm$ 0.008 χ^2 /NDF:21.8/2

Left: 0.191 $\pm$ 0.005 χ^2 /NDF: 168.4/7

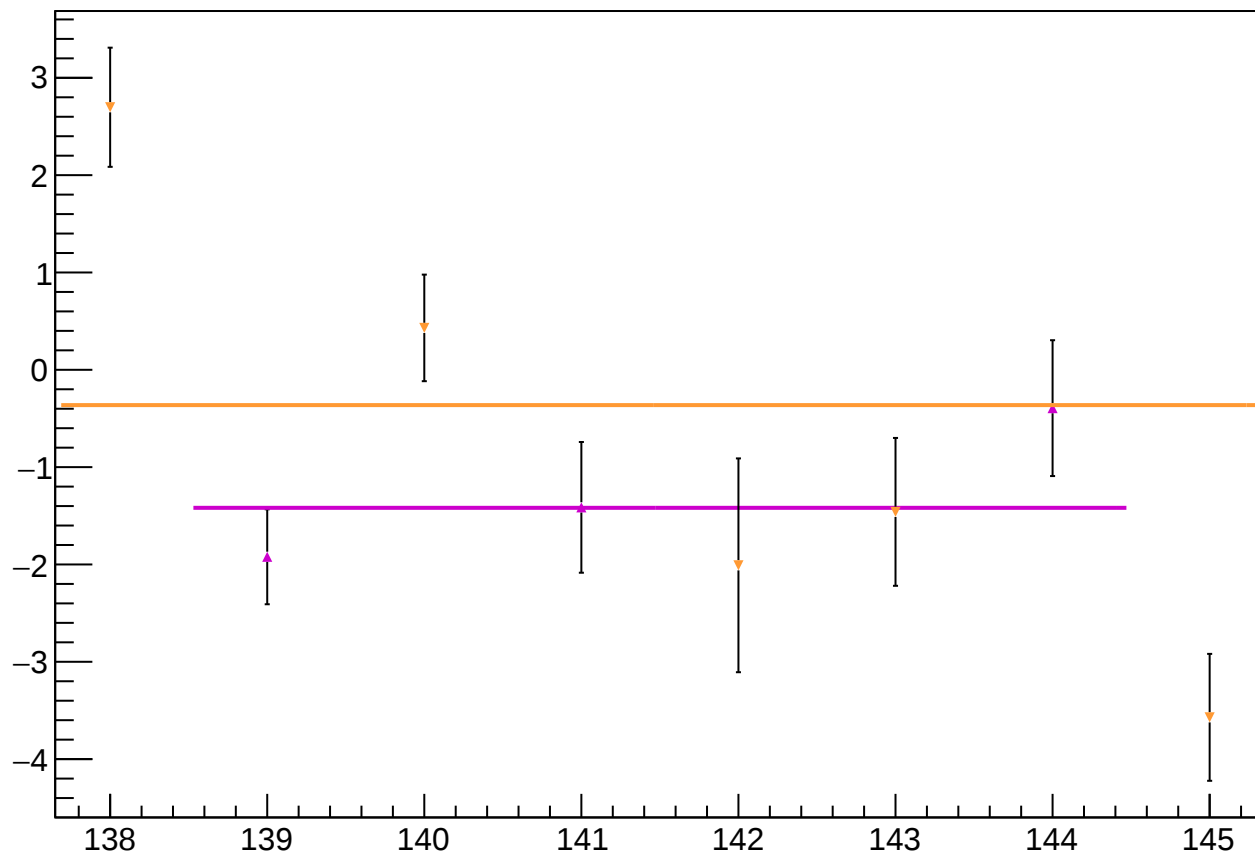
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.211 $\pm$ 0.003 χ^2 /NDF:3968.7/19

Out: 0.188 $\pm$ 0.002 χ^2 /NDF:2865.4/23

All: 0.199 $\pm$ 0.002 χ^2 /NDF: 6874.6/43

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -0.363 ± 0.303 χ^2/NDF : 55.6/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -1.418 ± 0.344 χ^2/NDF : 3.2/2

Left: -0.824 ± 0.227 χ^2/NDF : 64.2/7

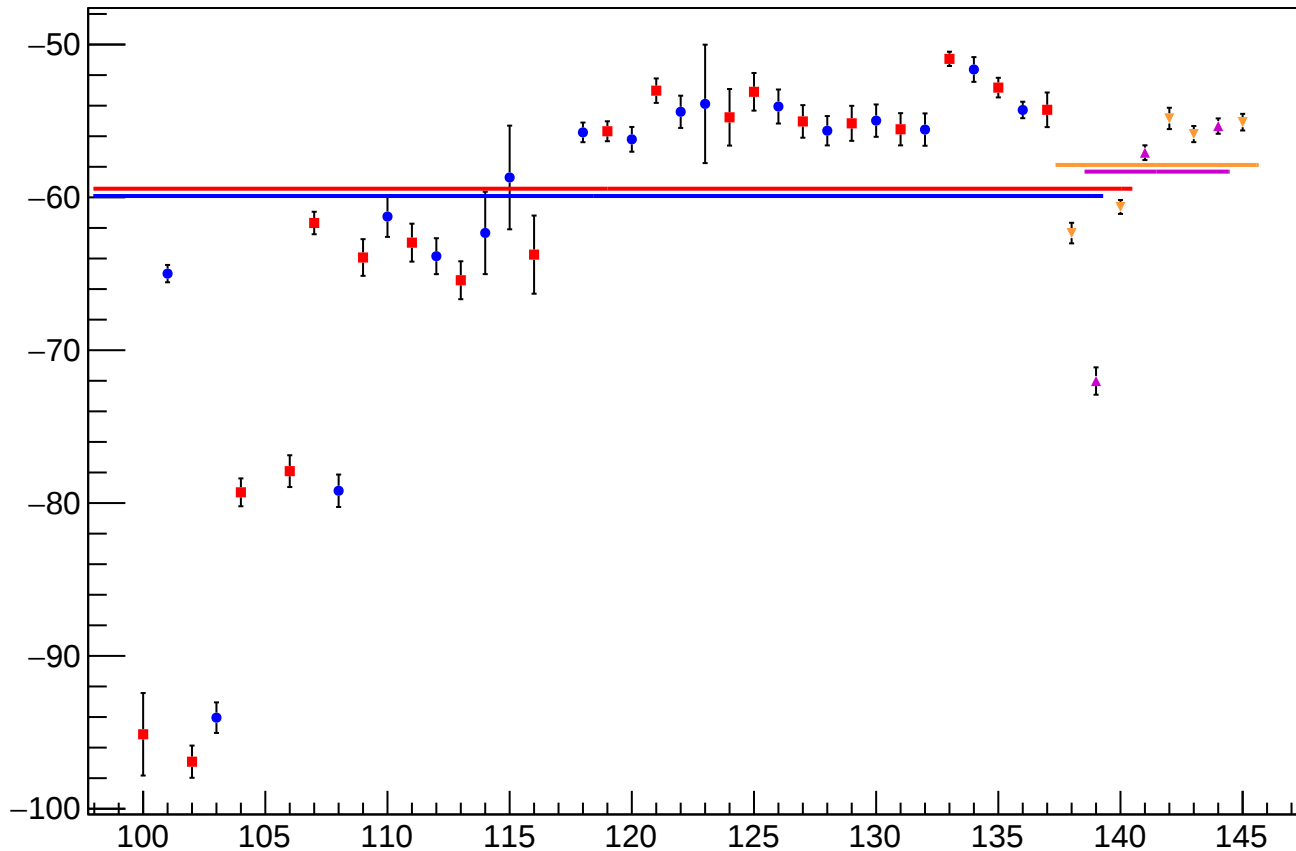
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -1.418 ± 0.344 χ^2/NDF : 3.2/2

Out: -0.363 ± 0.303 χ^2/NDF : 55.6/4

All: -0.824 ± 0.227 χ^2/NDF : 64.2/7

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -57.878 ± 0.250 χ^2/NDF : 140.2/4

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -58.316 ± 0.325 χ^2/NDF : 276.0/2

Left: -58.041 ± 0.198 χ^2/NDF : 417.3/7

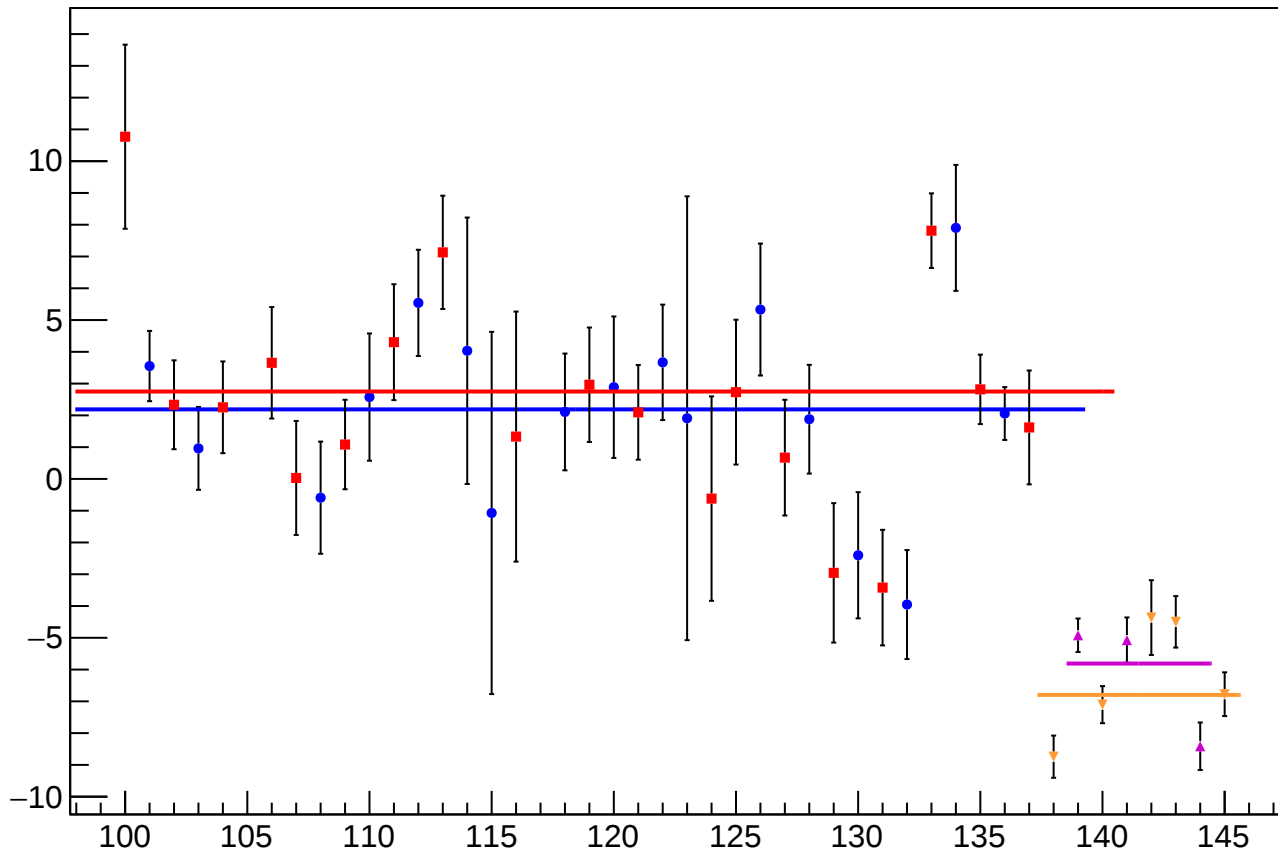
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -59.399 ± 0.184 χ^2/NDF : 2273.2/19

Out: -58.783 ± 0.162 χ^2/NDF : 3081.6/23

All: -59.051 ± 0.121 χ^2/NDF : 5361.2/43

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.797 ± 0.323 $\chi^2/\text{NDF}: 21.2/4$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -5.810 ± 0.369 $\chi^2/\text{NDF}: 16.0/2$

Left: -6.368 ± 0.243 $\chi^2/\text{NDF}: 41.3/7$

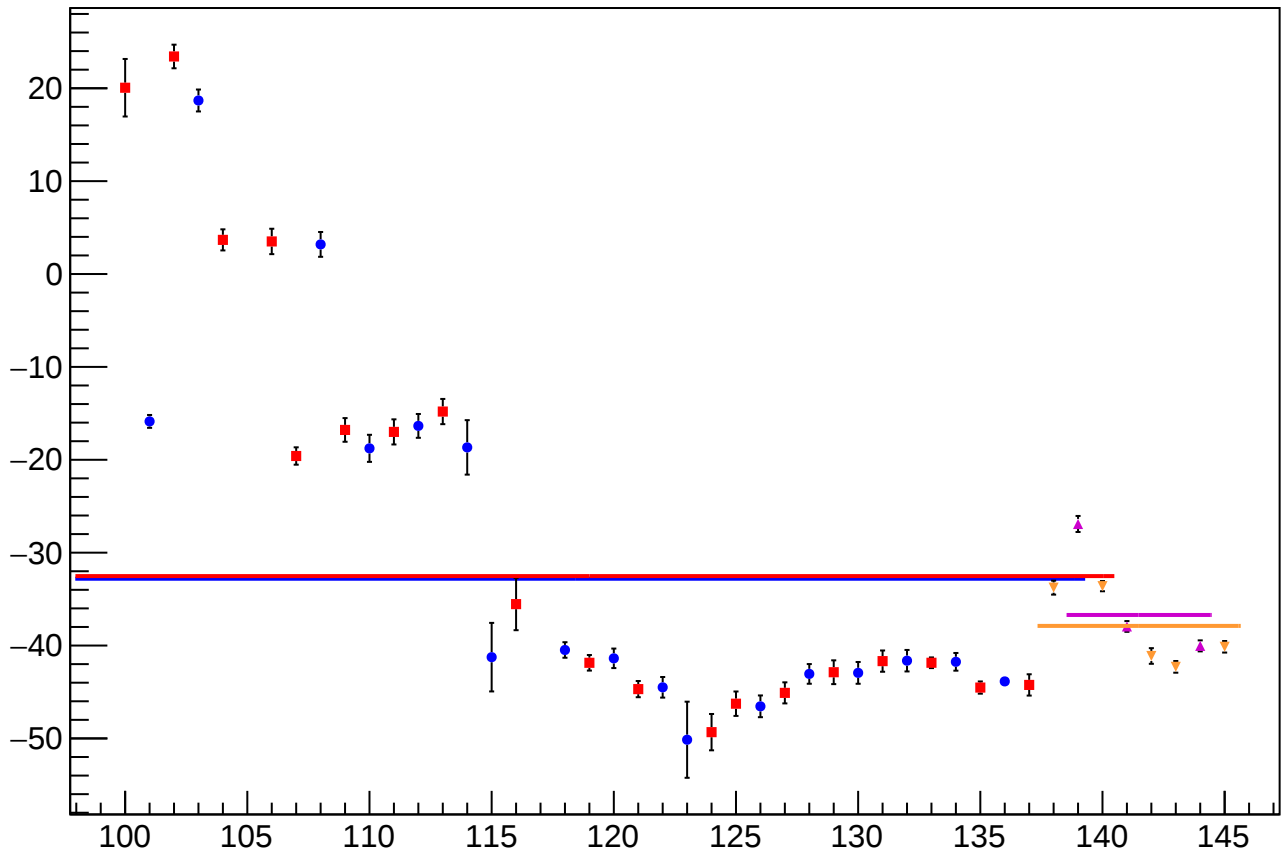
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -2.180 ± 0.273 $\chi^2/\text{NDF}: 268.6/19$

Out: -2.875 ± 0.248 $\chi^2/\text{NDF}: 437.8/23$

All: -2.560 ± 0.184 $\chi^2/\text{NDF}: 710.0/43$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.885 ± 0.294 $\chi^2/\text{NDF}: 167.5/4$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.707 ± 0.373 $\chi^2/\text{NDF}: 164.9/2$

Left: -37.435 ± 0.231 $\chi^2/\text{NDF}: 338.5/7$

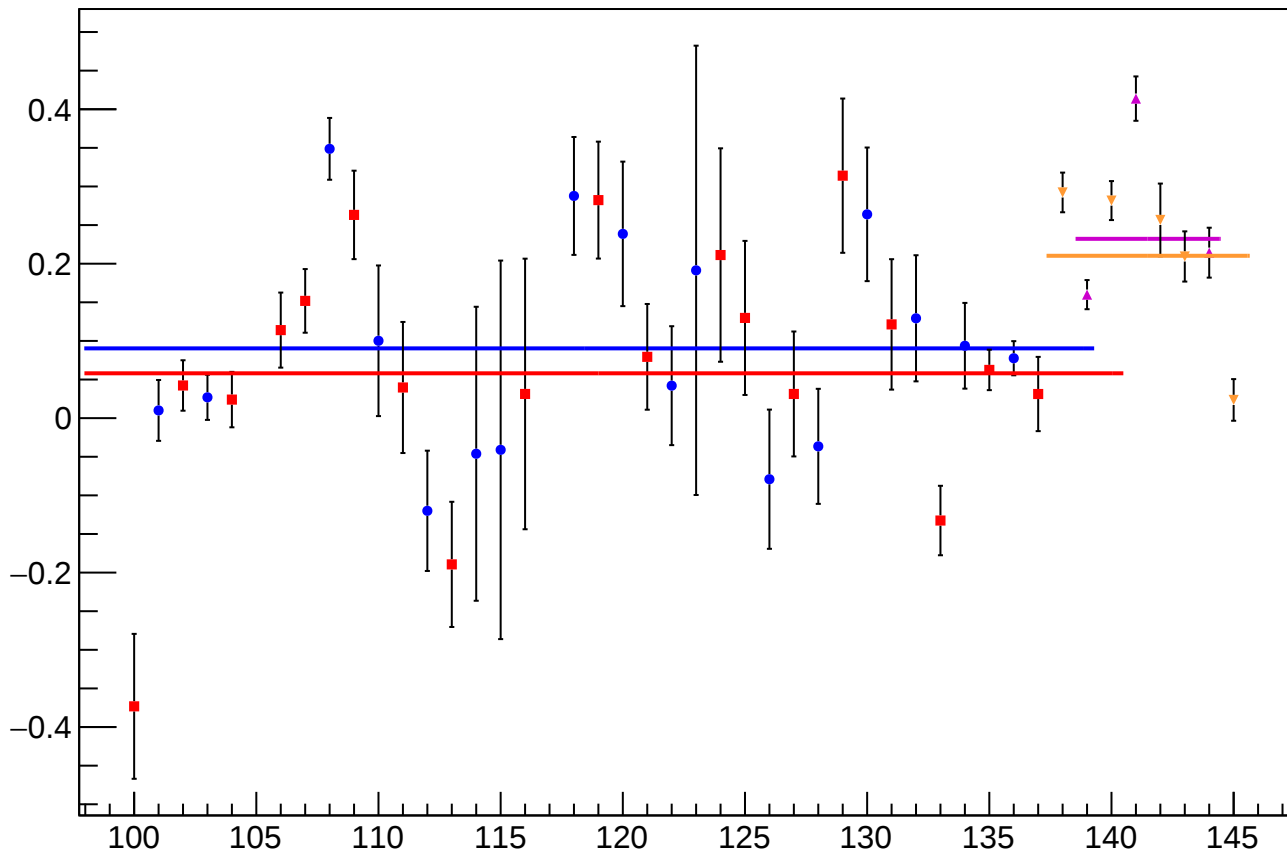
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -34.042 ± 0.210 $\chi^2/\text{NDF}: 4902.2/19$

Out: -34.709 ± 0.187 $\chi^2/\text{NDF}: 6405.2/23$

All: -34.413 ± 0.140 $\chi^2/\text{NDF}: 11313.1/43$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.210 ± 0.013 $\chi^2/\text{NDF}: 67.1/4$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.232 ± 0.014 $\chi^2/\text{NDF}: 54.9/2$

Left: 0.220 ± 0.010 $\chi^2/\text{NDF}: 123.3/7$

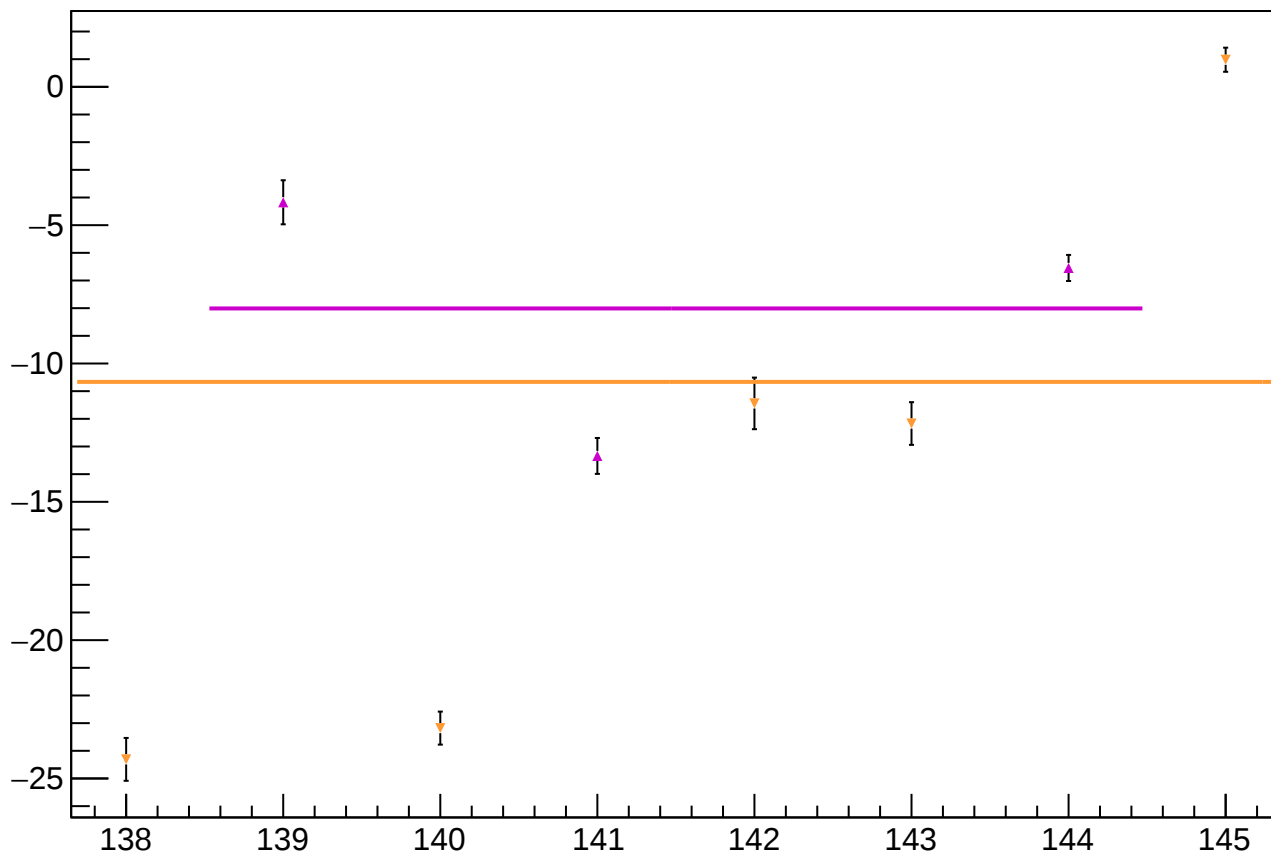
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.154 ± 0.009 $\chi^2/\text{NDF}: 189.7/19$

Out: 0.129 ± 0.009 $\chi^2/\text{NDF}: 227.0/23$

All: 0.140 ± 0.006 $\chi^2/\text{NDF}: 420.5/43$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.665+/-0.282 χ^2/NDF :1468.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.010+/-0.344 χ^2/NDF :100.3/2

Left: -9.597+/-0.218 χ^2/NDF : 1604.0/7

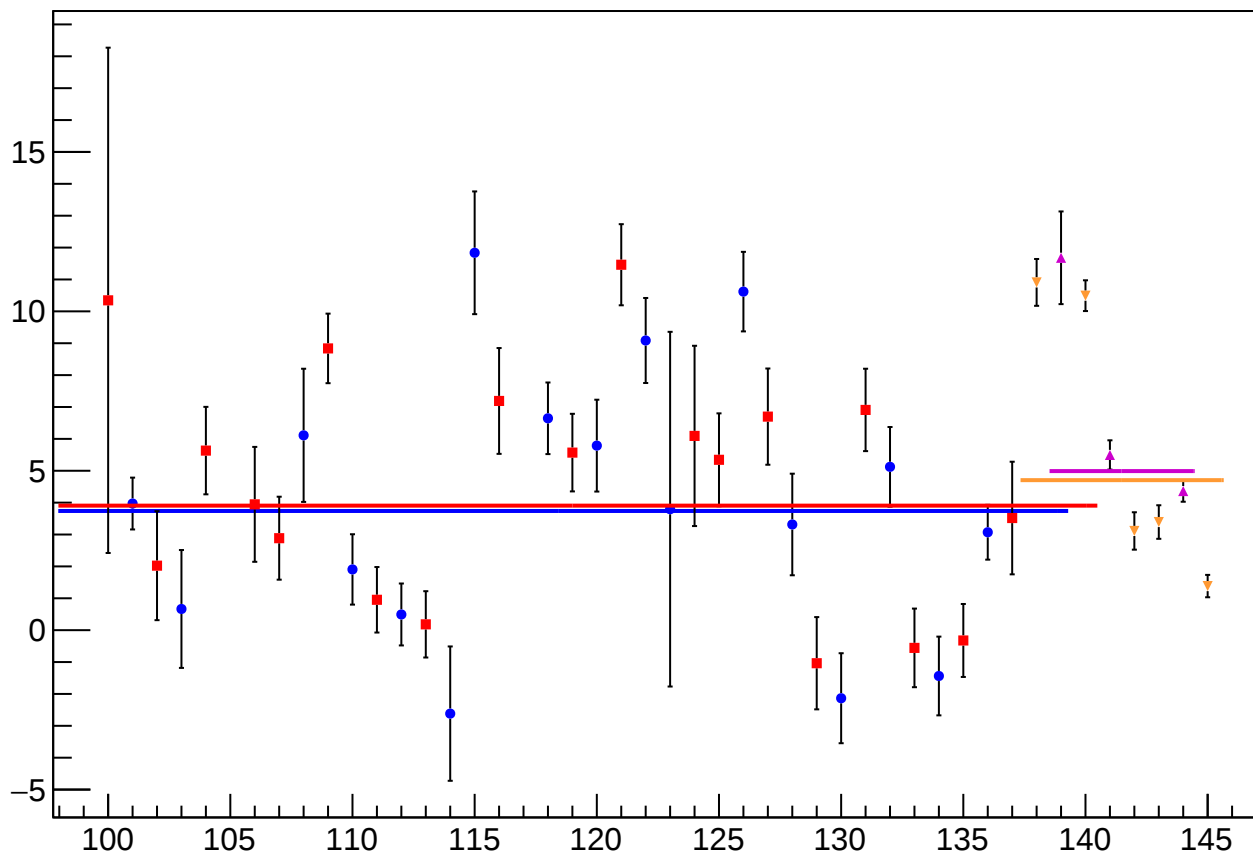
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.010+/-0.344 χ^2/NDF :100.3/2

Out: -10.665+/-0.282 χ^2/NDF :1468.1/4

All: -9.597+/-0.218 χ^2/NDF : 1604.0/7

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 4.705 ± 0.219 χ^2/NDF : 318.4/4

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 4.990 ± 0.266 χ^2/NDF : 25.9/2

Left: 4.820 ± 0.169 χ^2/NDF : 345.0/7

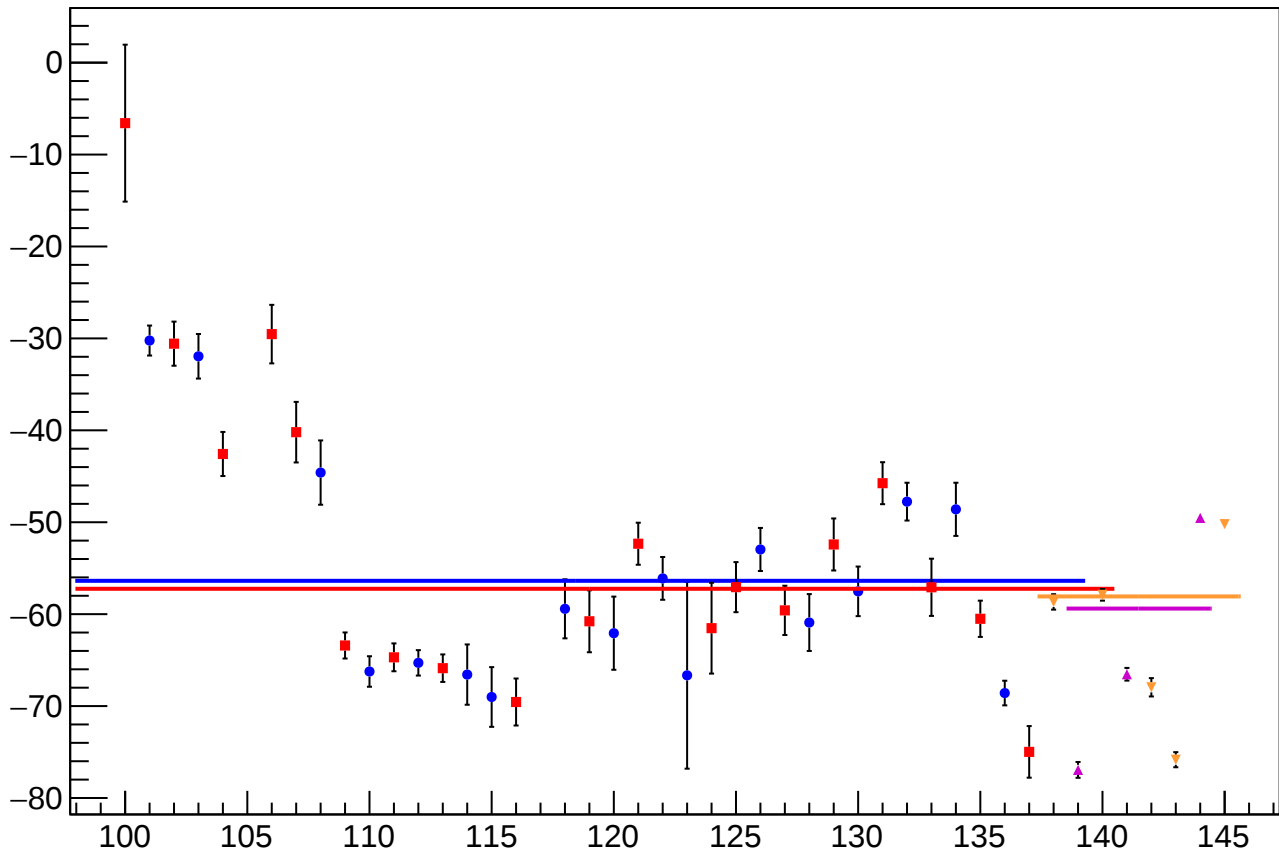
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 4.457 ± 0.202 χ^2/NDF : 172.2/19

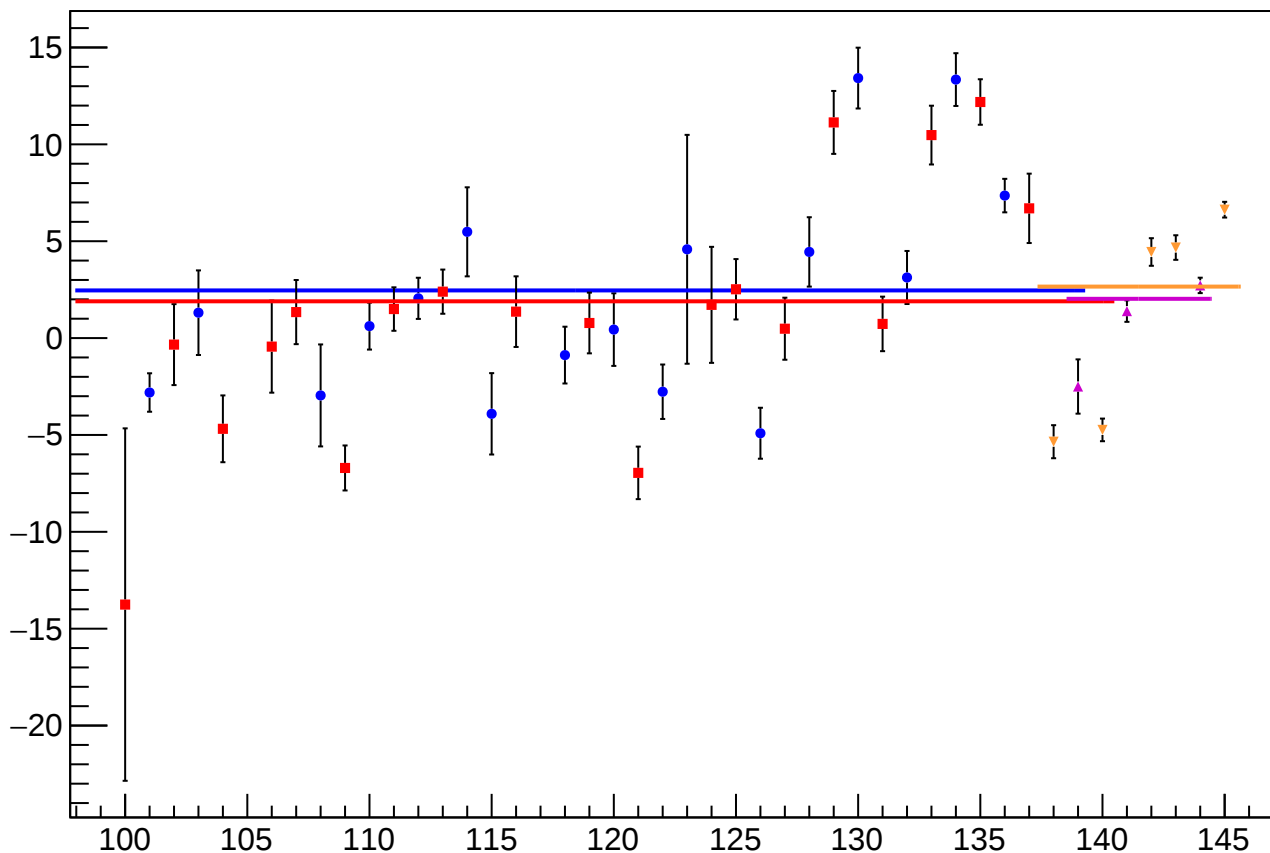
Out: 4.446 ± 0.180 χ^2/NDF : 458.2/23

All: 4.451 ± 0.134 χ^2/NDF : 630.4/43

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 2.658 $\pm$ 0.260 χ^2 /NDF:360.7/4

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 2.027 $\pm$ 0.315 χ^2 /NDF:14.8/2

Left: 2.403 $\pm$ 0.200 χ^2 /NDF: 377.9/7

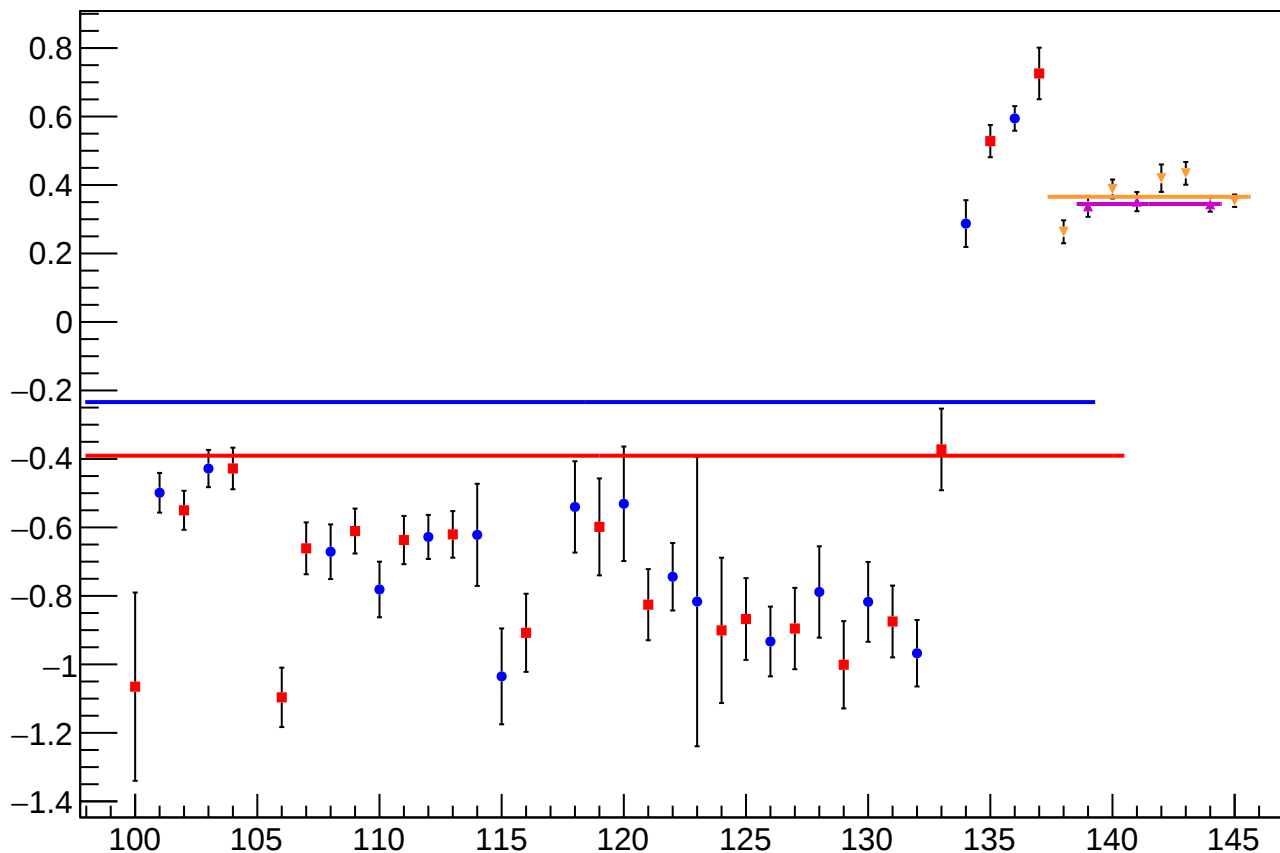
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 2.223 $\pm$ 0.233 χ^2 /NDF:259.6/19

Out: 2.393 $\pm$ 0.209 χ^2 /NDF:631.8/23

All: 2.317 $\pm$ 0.156 χ^2 /NDF: 891.7/43

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.366 ± 0.012 χ^2/NDF : 16.5/4

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.345 ± 0.015 χ^2/NDF : 0.1/2

Left: 0.357 ± 0.009 χ^2/NDF : 17.8/7

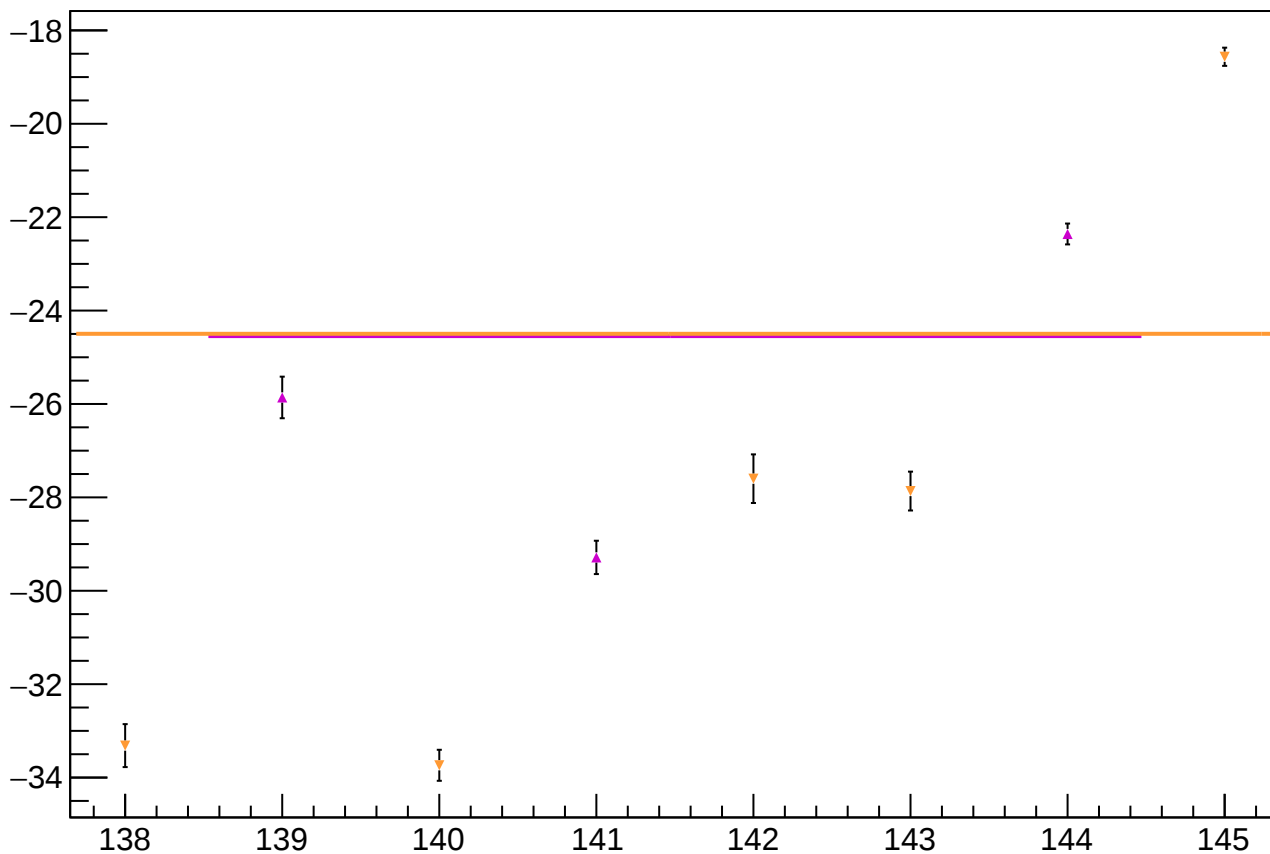
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.121 ± 0.012 χ^2/NDF : 1534.4/19

Out: 0.145 ± 0.010 χ^2/NDF : 1995.2/23

All: 0.135 ± 0.008 χ^2/NDF : 3531.8/43

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.497+/-0.142 χ^2/NDF :2170.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.546+/-0.174 χ^2/NDF :280.8/2

Left: -24.517+/-0.110 χ^2/NDF : 2451.4/7

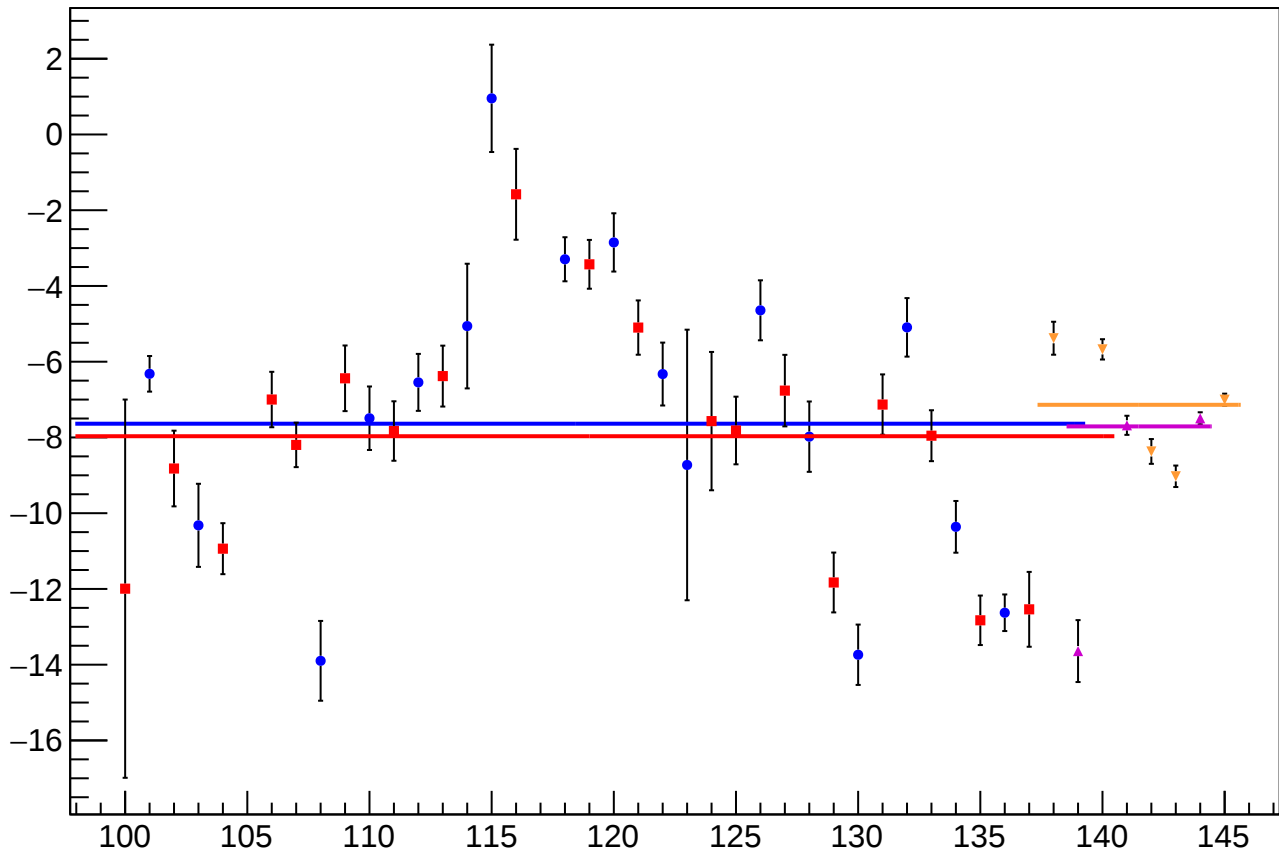
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.546+/-0.174 χ^2/NDF :280.8/2

Out: -24.497+/-0.142 χ^2/NDF :2170.6/4

All: -24.517+/-0.110 χ^2/NDF : 2451.4/7

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.138 ± 0.112 χ^2/NDF : 105.3/4

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.708 ± 0.133 χ^2/NDF : 54.5/2

Left: -7.374 ± 0.085 χ^2/NDF : 170.6/7

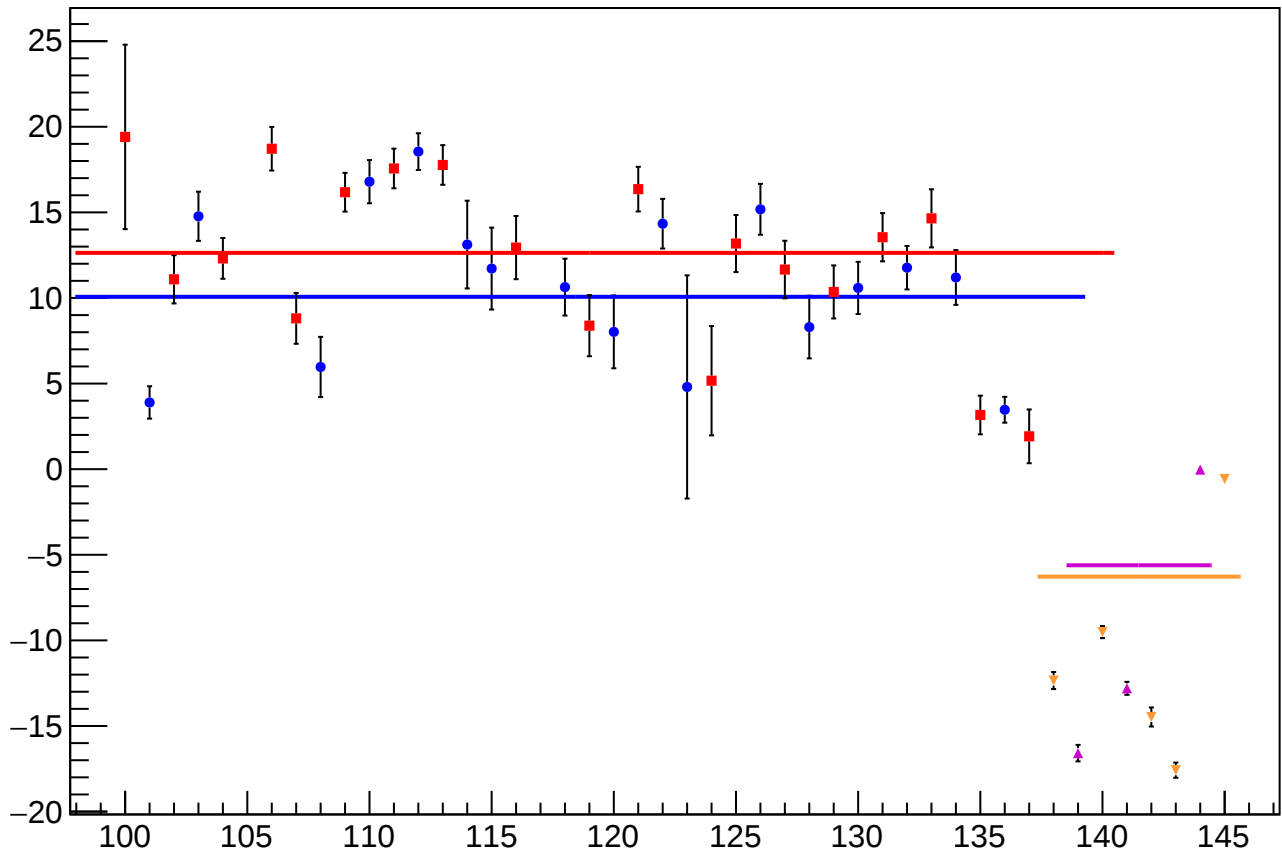
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.684 ± 0.108 χ^2/NDF : 448.5/19

Out: -7.358 ± 0.096 χ^2/NDF : 347.2/23

All: -7.501 ± 0.072 χ^2/NDF : 800.8/43

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: -6.275 ± 0.151 χ^2/NDF : 1864.0/4

Right Out: 12.635 ± 0.332 χ^2/NDF : 220.5/18

Left In: -5.614 ± 0.187 χ^2/NDF : 1423.8/2

Left: -6.014 ± 0.117 χ^2/NDF : 3295.3/7

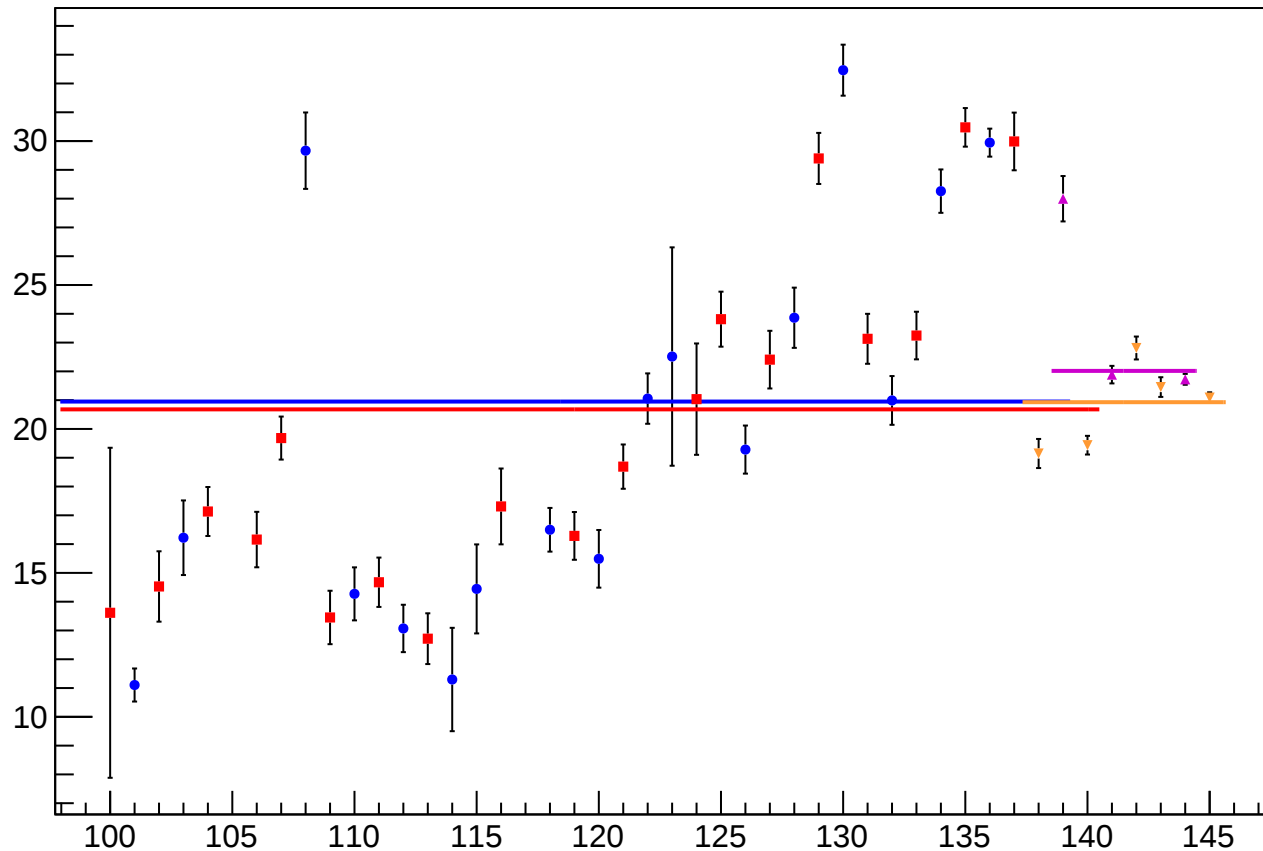
Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35

In: -1.938 ± 0.163 χ^2/NDF : 3331.2/19

Out: -3.043 ± 0.137 χ^2/NDF : 4766.8/23

All: -2.585 ± 0.105 χ^2/NDF : 8124.7/43

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.929 $\pm$ 0.131 χ^2 /NDF:59.1/4

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.017 $\pm$ 0.157 χ^2 /NDF:60.1/2

Left: 21.376 $\pm$ 0.101 χ^2 /NDF: 147.3/7

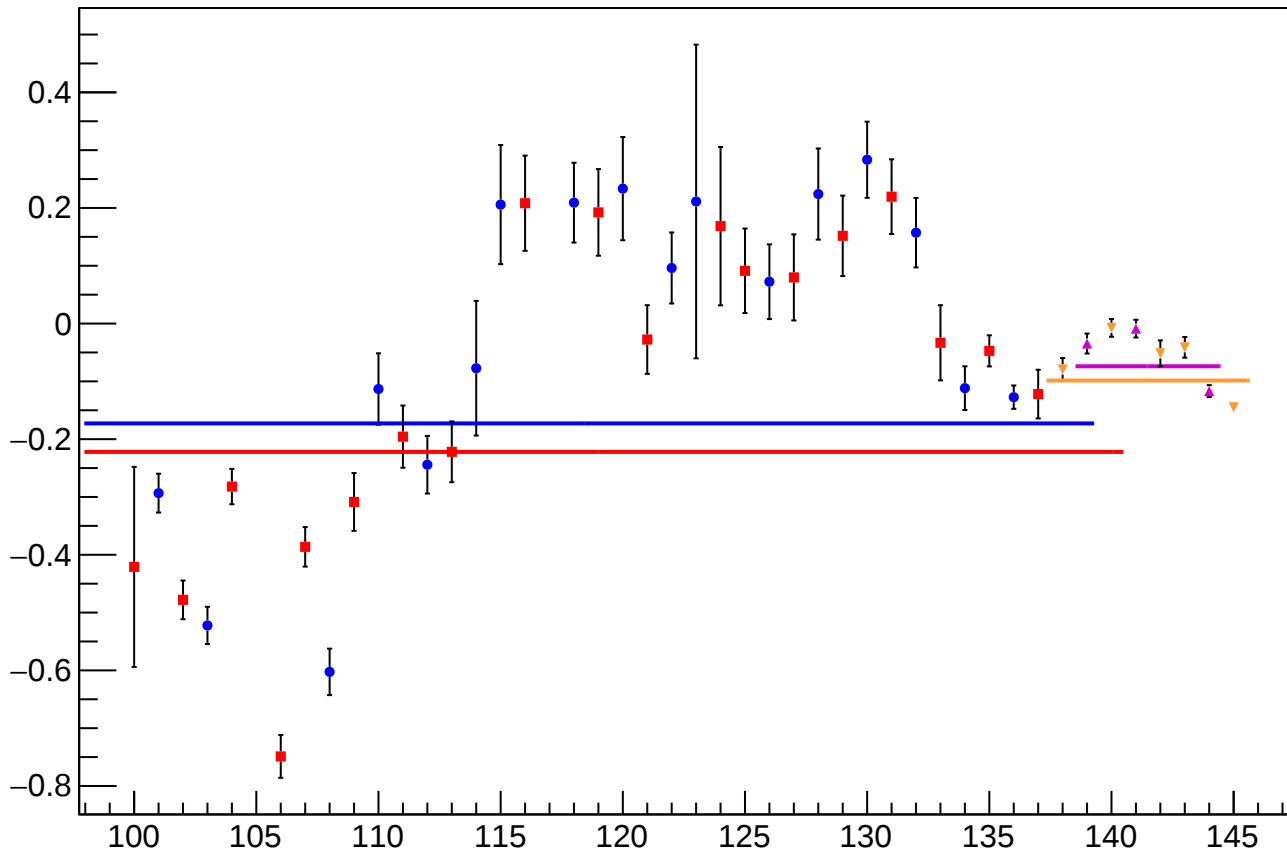
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.633 $\pm$ 0.126 χ^2 /NDF:1299.4/19

Out: 20.861 $\pm$ 0.112 χ^2 /NDF:788.5/23

All: 21.201 $\pm$ 0.084 χ^2 /NDF: 2109.0/43

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 $\pm$ 0.011 χ^2 /NDF: 460.3/16

Left Out: -0.099 $\pm$ 0.006 χ^2 /NDF:83.3/4

Right Out: -0.222 $\pm$ 0.011 χ^2 /NDF: 536.5/18

Left In: -0.074 $\pm$ 0.008 χ^2 /NDF:40.8/2

Left: -0.089 $\pm$ 0.005 χ^2 /NDF: 130.5/7

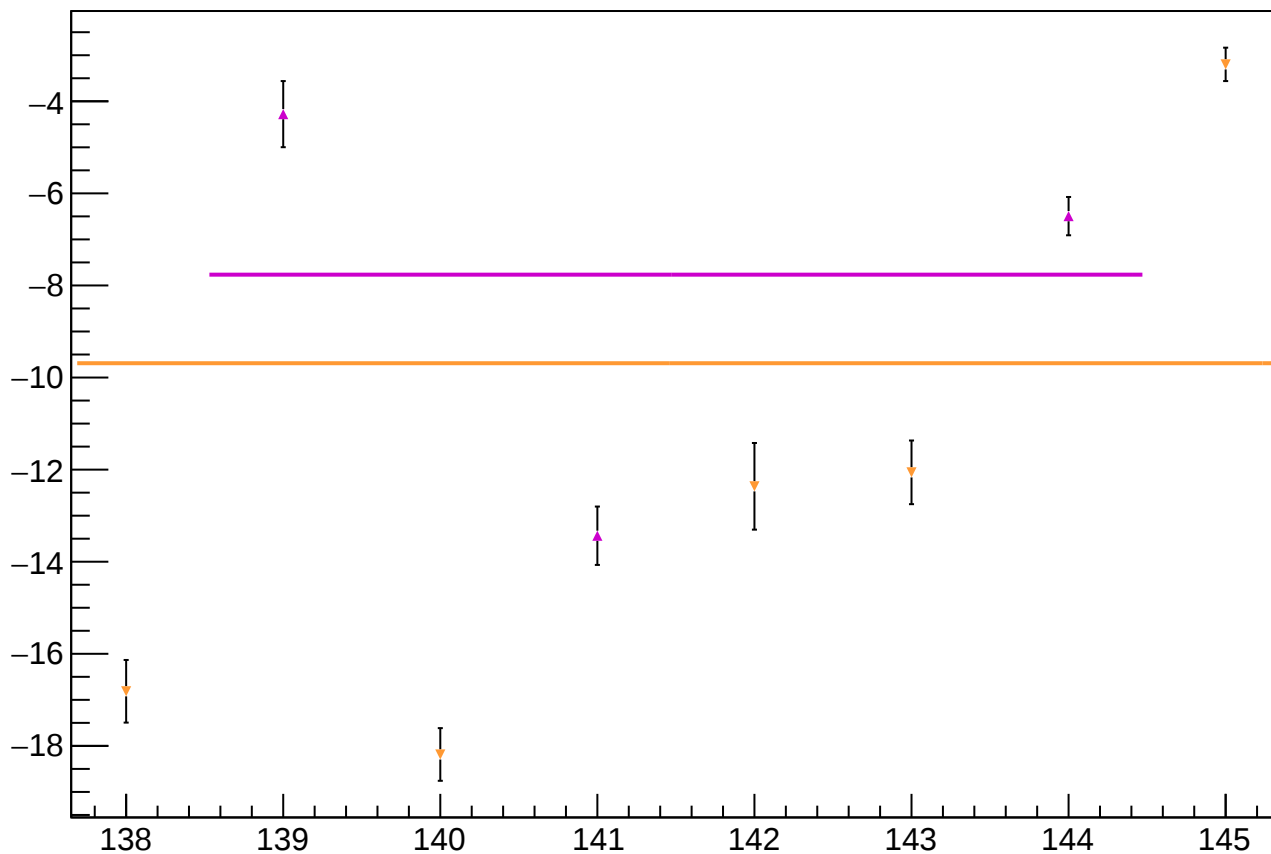
Right: -0.198 $\pm$ 0.008 χ^2 /NDF: 1006.7/35

In: -0.105 $\pm$ 0.006 χ^2 /NDF:554.4/19

Out: -0.128 $\pm$ 0.005 χ^2 /NDF:717.1/23

All: -0.118 $\pm$ 0.004 χ^2 /NDF: 1278.8/43

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.689+/-0.250 χ^2/NDF : 670.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.766+/-0.313 χ^2/NDF : 112.9/2

Left: -8.941+/-0.195 χ^2/NDF : 806.5/7

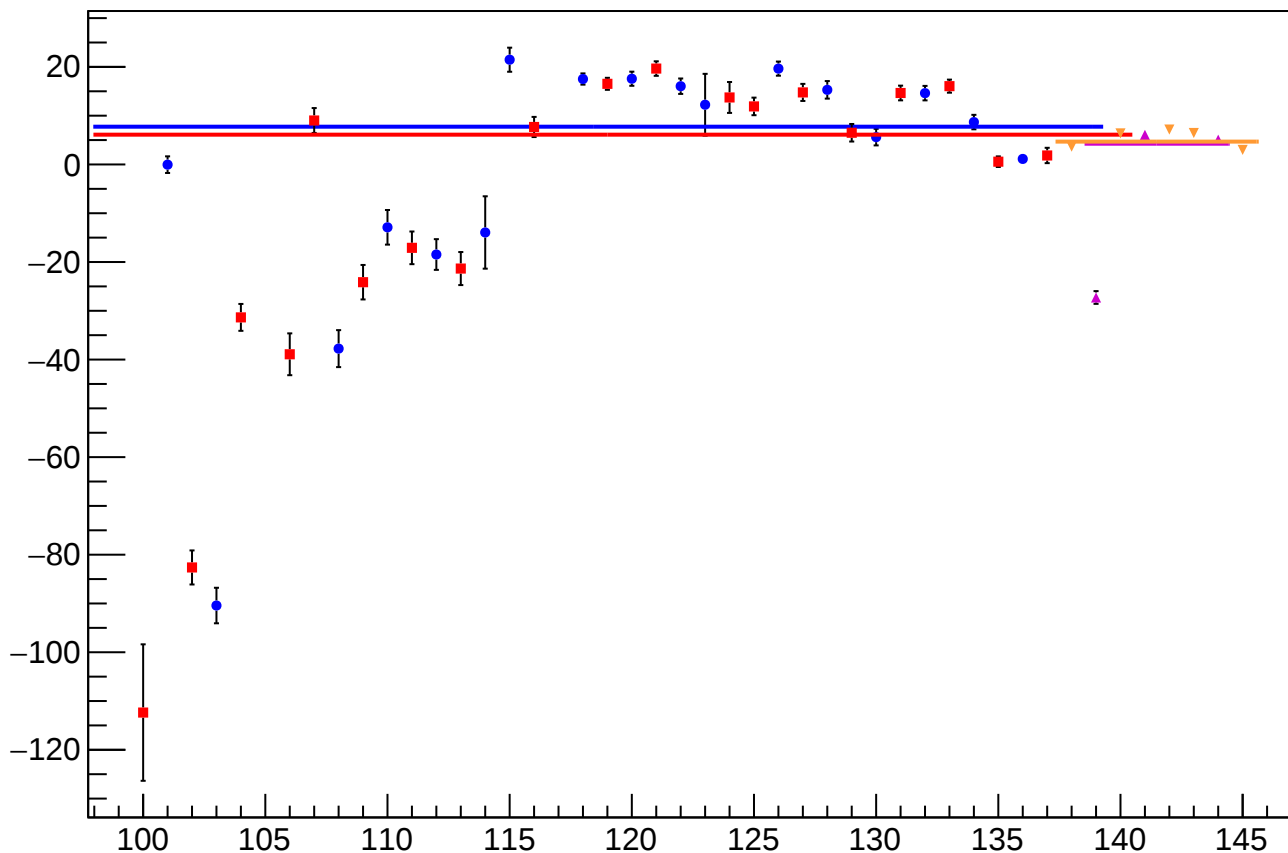
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.766+/-0.313 χ^2/NDF : 112.9/2

Out: -9.689+/-0.250 χ^2/NDF : 670.5/4

All: -8.941+/-0.195 χ^2/NDF : 806.5/7

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 4.683 ± 0.195 χ^2/NDF : 81.9/4

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.253 ± 0.243 χ^2/NDF : 605.9/2

Left: 4.515 ± 0.152 χ^2/NDF : 689.6/7

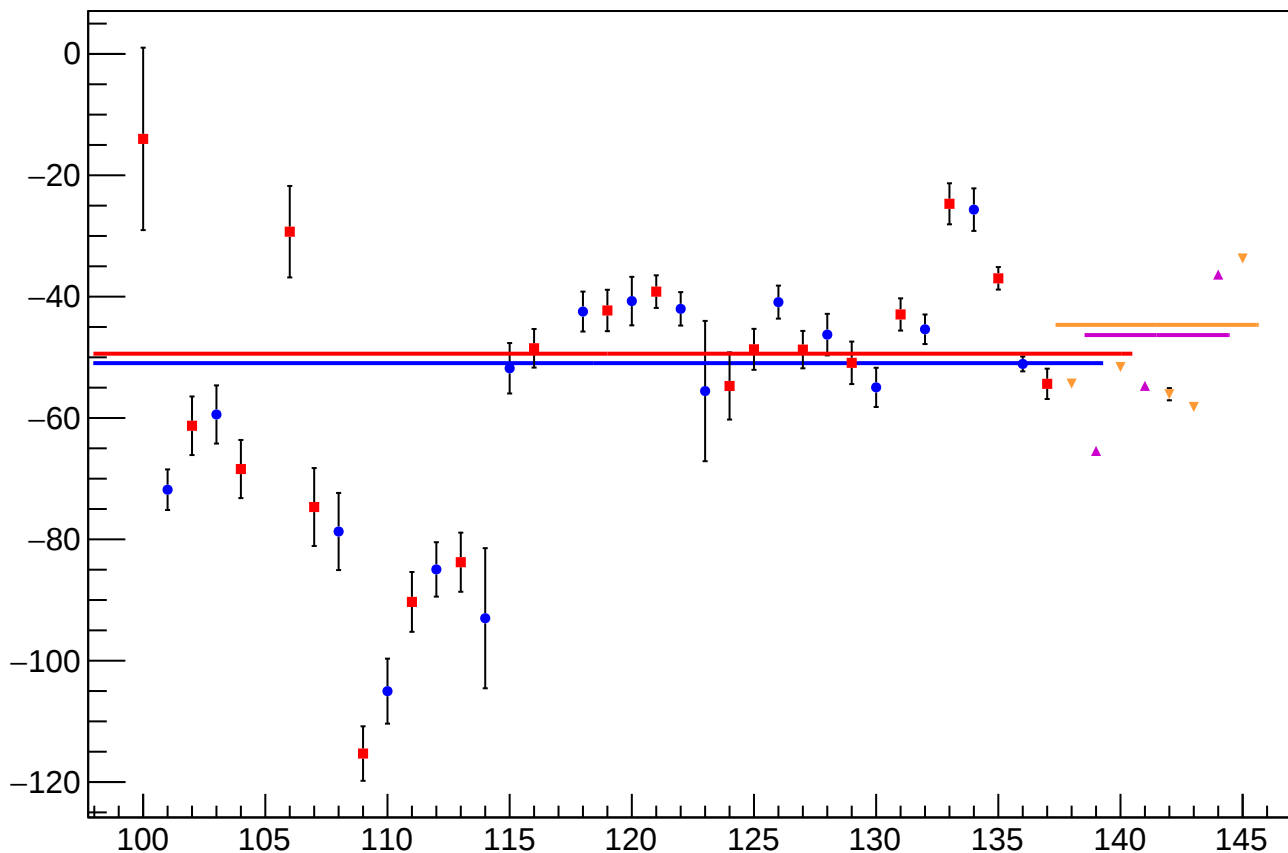
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.185 ± 0.208 χ^2/NDF : 2019.7/19

Out: 4.922 ± 0.178 χ^2/NDF : 1608.5/23

All: 5.033 ± 0.135 χ^2/NDF : 3629.2/43

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -44.647 ± 0.267 χ^2/NDF : 1564.5/4

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -46.332 ± 0.335 χ^2/NDF : 1258.6/2

Left: -45.301 ± 0.209 χ^2/NDF : 2838.6/7

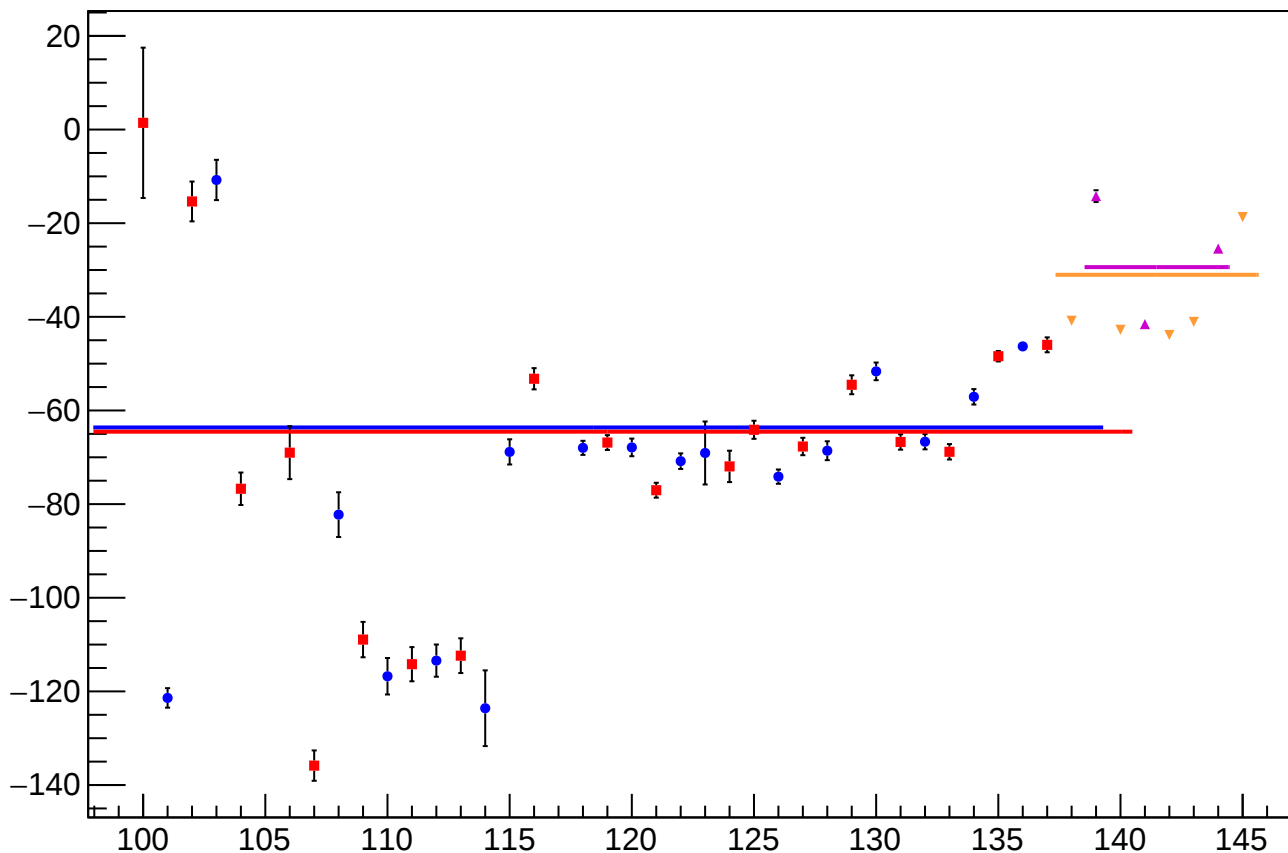
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -47.124 ± 0.305 χ^2/NDF : 1623.1/19

Out: -45.127 ± 0.253 χ^2/NDF : 2108.5/23

All: -45.940 ± 0.195 χ^2/NDF : 3756.9/43

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631+/-0.446 χ^2/NDF : 2011.2/16

Left Out: -31.021+/-0.230 χ^2/NDF : 2600.6/4

Right Out: -64.531+/-0.482 χ^2/NDF : 1611.2/18

Left In: -29.380+/-0.287 χ^2/NDF : 775.9/2

Left: -30.381+/-0.180 χ^2/NDF : 3396.4/7

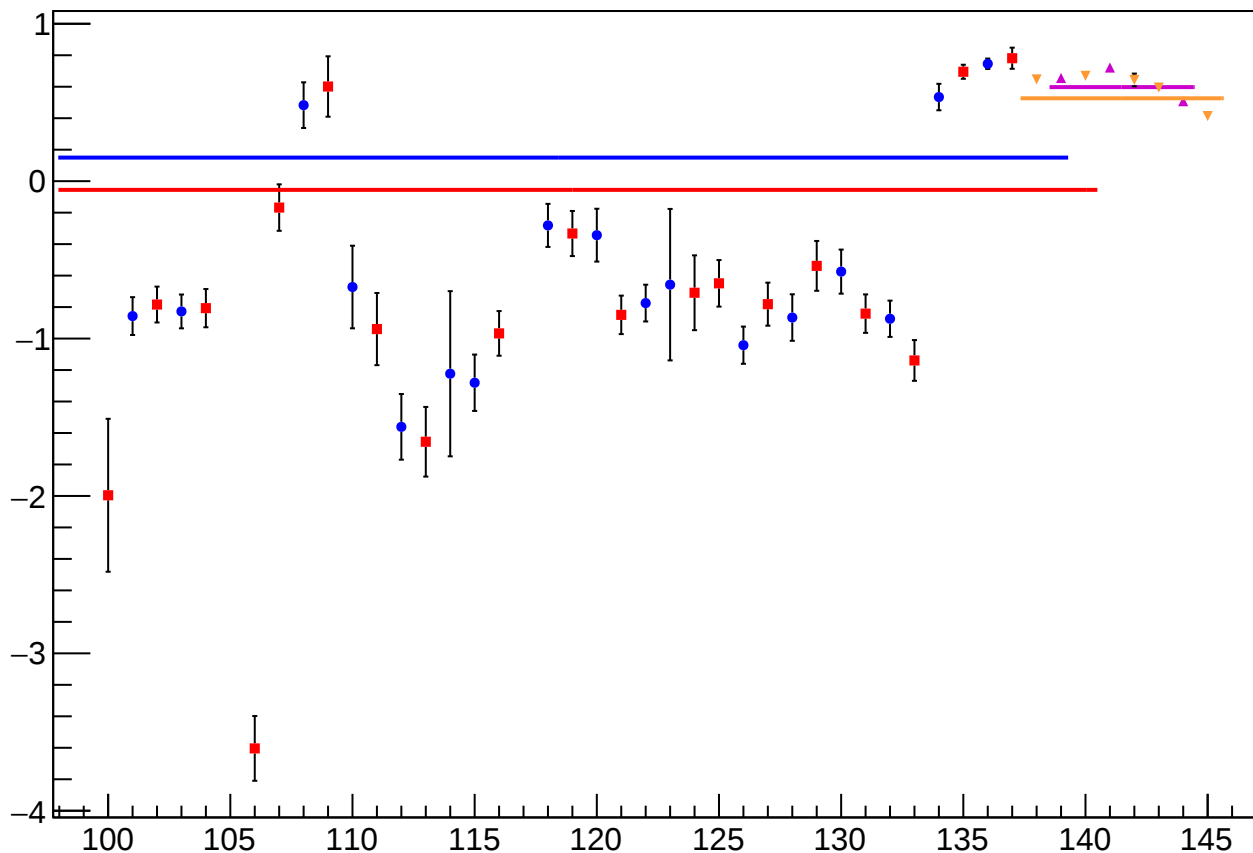
Right: -64.046+/-0.327 χ^2/NDF : 3624.3/35

In: -39.438+/-0.242 χ^2/NDF : 6955.9/19

Out: -37.231+/-0.207 χ^2/NDF : 8150.2/23

All: -38.168+/-0.157 χ^2/NDF : 15154.0/43

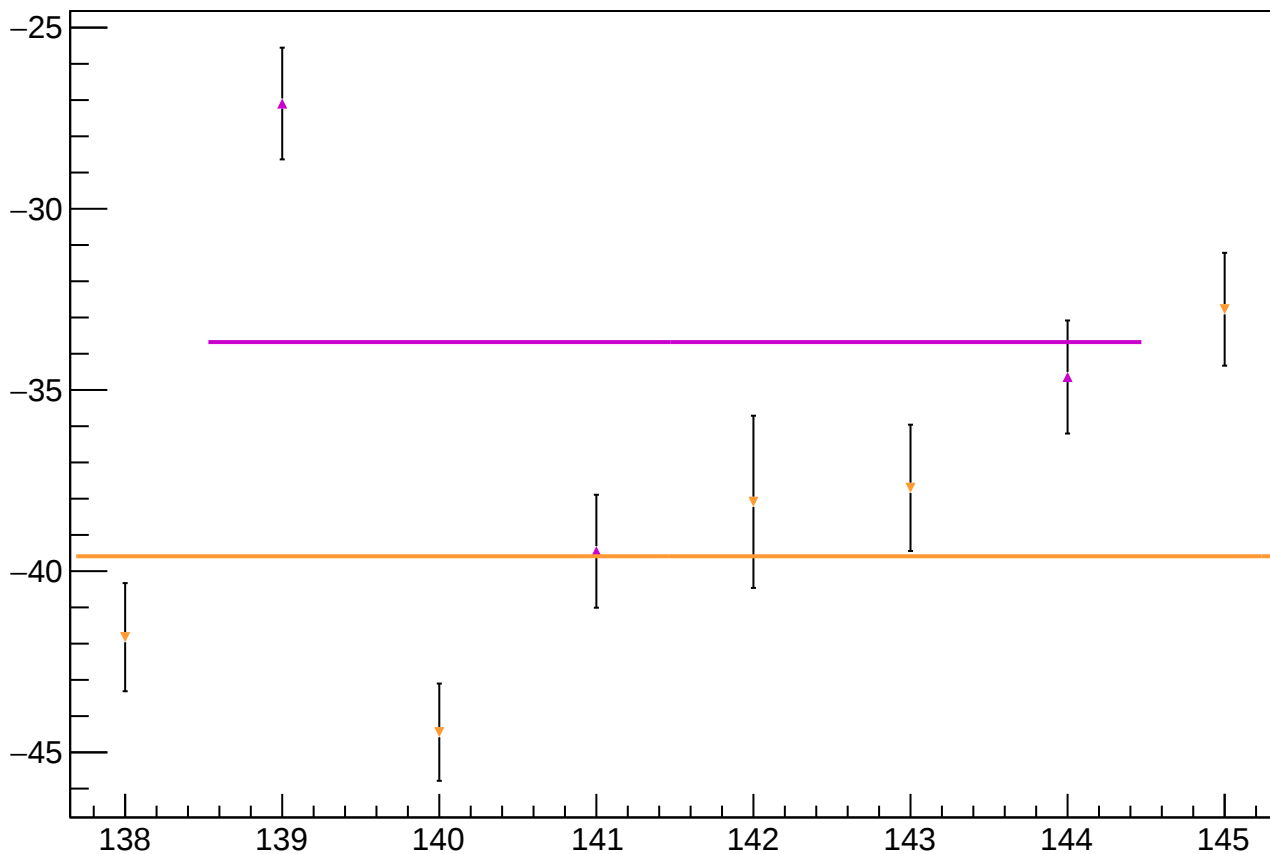
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.527 ± 0.011 χ^2/NDF : 114.2/4
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.598 ± 0.014 χ^2/NDF : 47.1/2

Left: 0.554 ± 0.008 χ^2/NDF : 178.1/7
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.488 ± 0.012 χ^2/NDF : 1299.7/19
 Out: 0.443 ± 0.010 χ^2/NDF : 1706.5/23
 All: 0.461 ± 0.008 χ^2/NDF : 3014.9/43

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.589+/-0.721 χ^2/NDF :36.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.679+/-0.897 χ^2/NDF :32.3/2

Left: -37.268+/-0.562 χ^2/NDF : 94.8/7

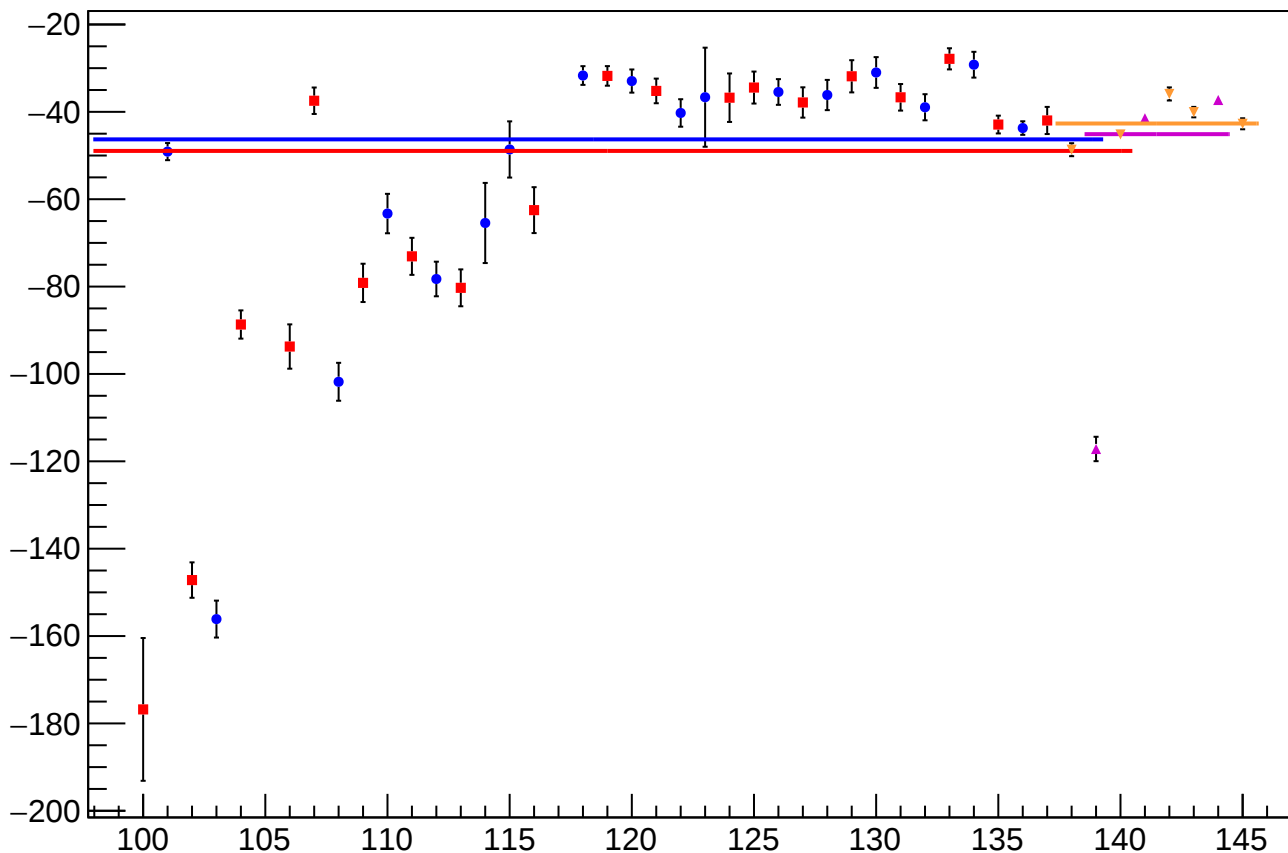
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.679+/-0.897 χ^2/NDF :32.3/2

Out: -39.589+/-0.721 χ^2/NDF :36.1/4

All: -37.268+/-0.562 χ^2/NDF : 94.8/7

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -42.668 ± 0.572 $\chi^2/\text{NDF}: 46.6/4$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -45.107 ± 0.757 $\chi^2/\text{NDF}: 726.2/2$

Left: -43.555 ± 0.457 $\chi^2/\text{NDF}: 779.4/7$

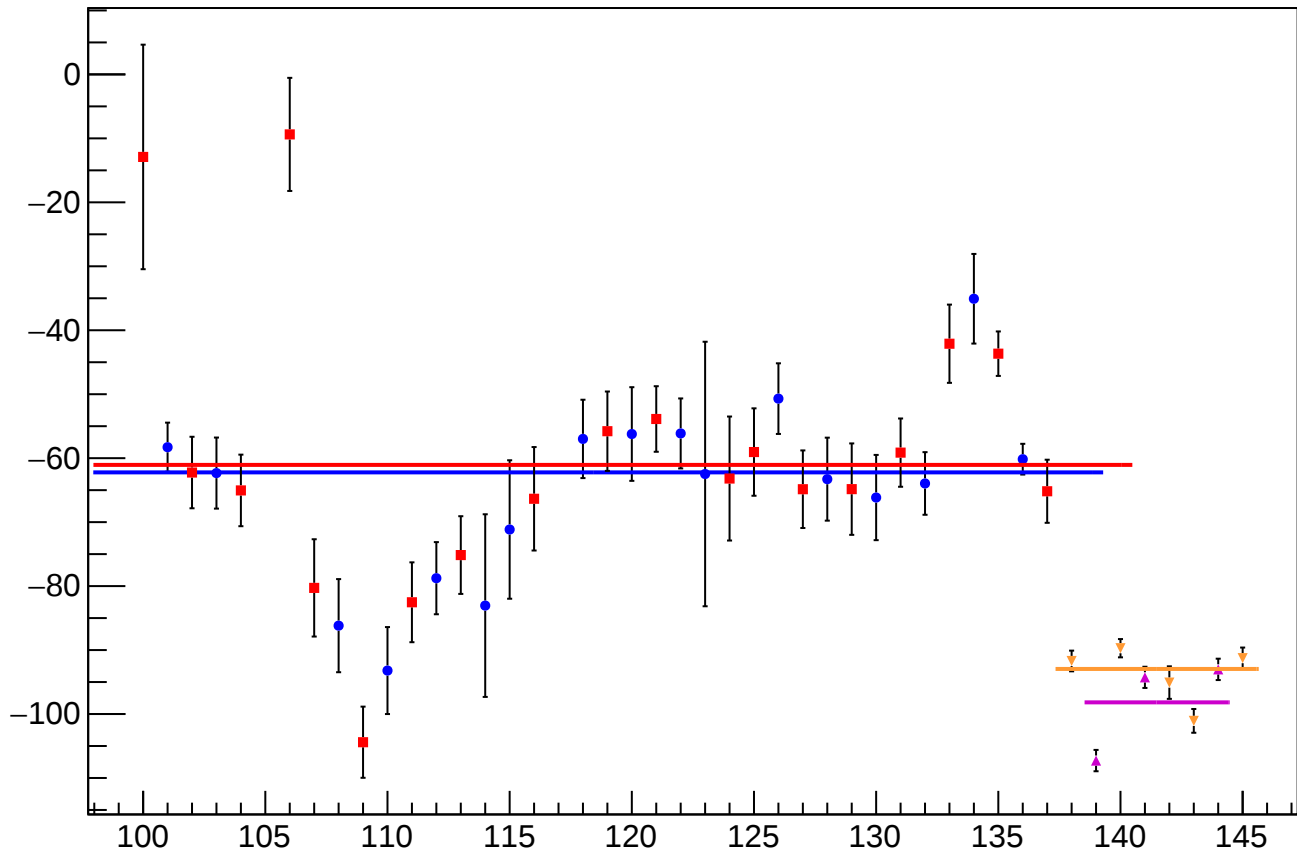
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -45.731 ± 0.523 $\chi^2/\text{NDF}: 1811.5/19$

Out: -44.930 ± 0.458 $\chi^2/\text{NDF}: 1363.5/23$

All: -45.278 ± 0.344 $\chi^2/\text{NDF}: 3176.3/43$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -92.953 ± 0.771 χ^2/NDF : 26.6/4

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -98.177 ± 0.961 χ^2/NDF : 44.9/2

Left: -94.999 ± 0.602 χ^2/NDF : 89.5/7

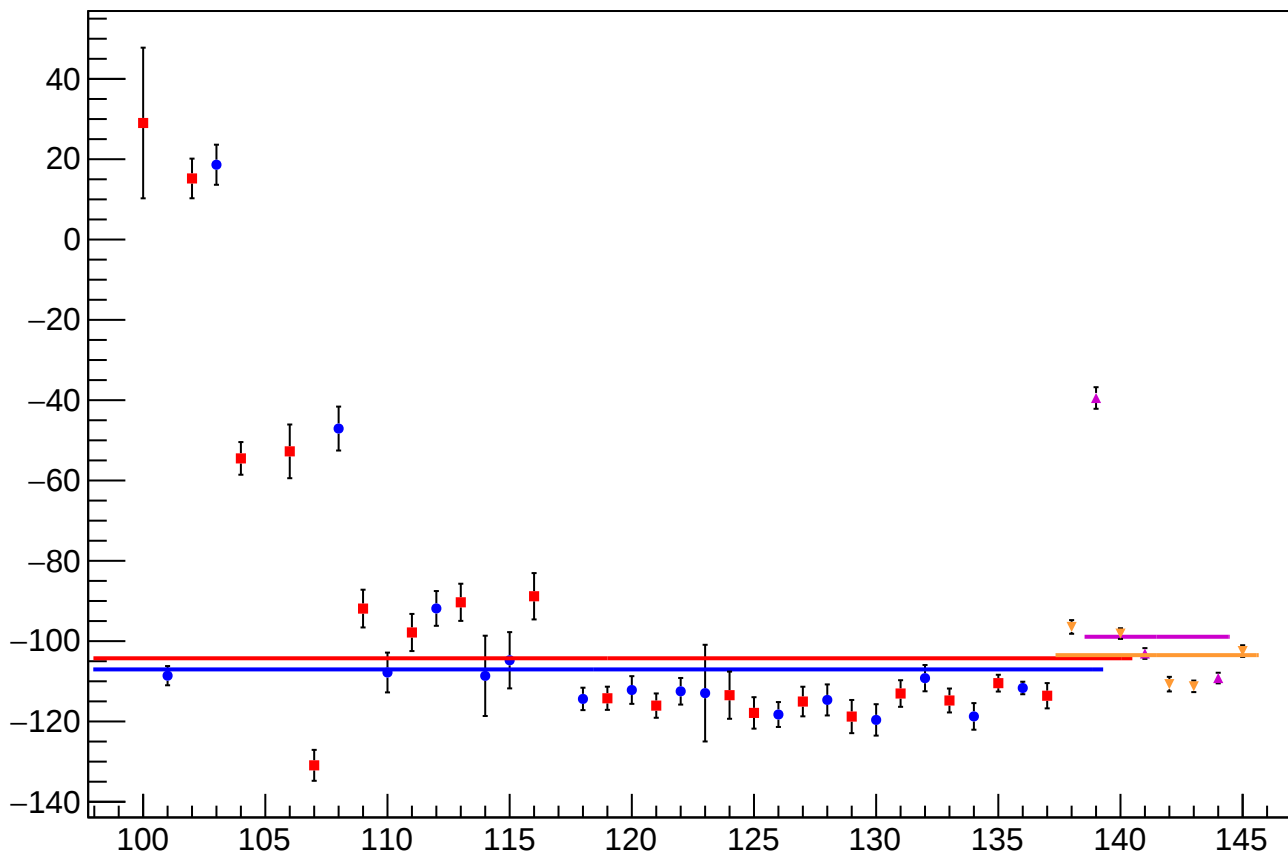
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -85.613 ± 0.775 χ^2/NDF : 601.1/19

Out: -85.349 ± 0.673 χ^2/NDF : 600.4/23

All: -85.462 ± 0.508 χ^2/NDF : 1201.6/43

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -103.486 ± 0.678 χ^2/NDF : 78.8/4

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -98.908 ± 0.887 χ^2/NDF : 559.1/2

Left: -101.797 ± 0.539 χ^2/NDF : 654.7/7

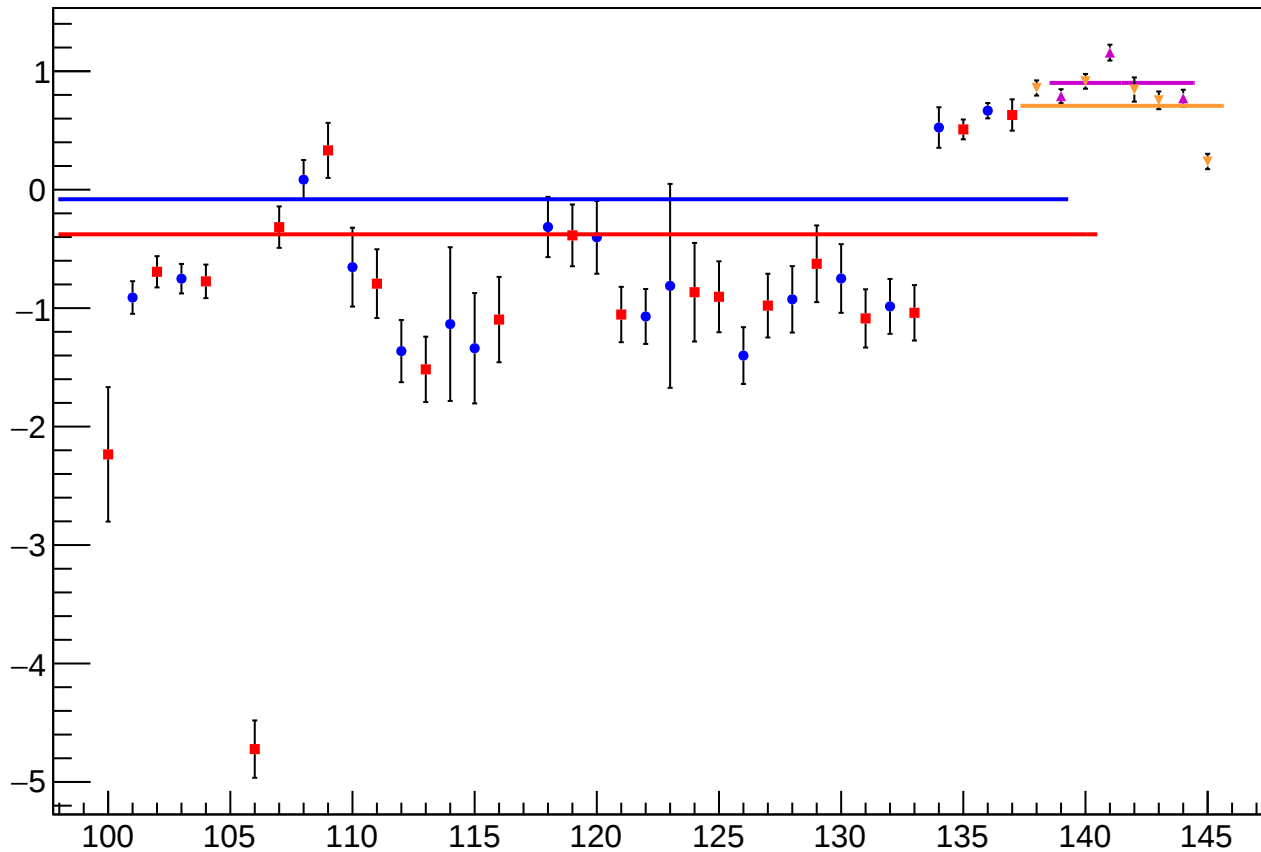
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -103.332 ± 0.599 χ^2/NDF : 1432.7/19

Out: -103.786 ± 0.533 χ^2/NDF : 1097.4/23

All: -103.586 ± 0.398 χ^2/NDF : 2530.4/43

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.708 ± 0.031 χ^2/NDF : 71.3/4

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.902 ± 0.038 χ^2/NDF : 21.4/2

Left: 0.787 ± 0.024 χ^2/NDF : 108.3/7

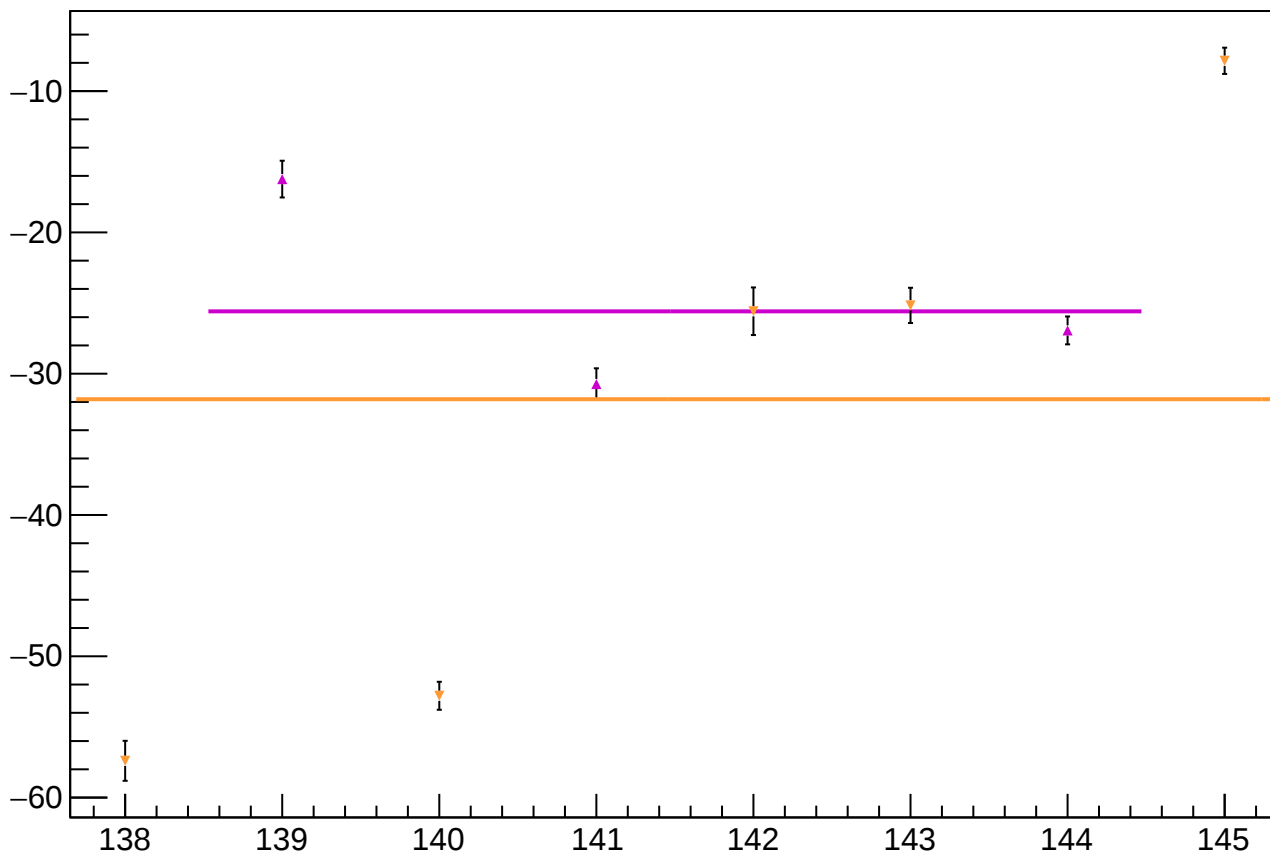
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.464 ± 0.028 χ^2/NDF : 651.0/19

Out: 0.341 ± 0.026 χ^2/NDF : 1059.3/23

All: 0.397 ± 0.019 χ^2/NDF : 1720.9/43

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.806+/-0.522 χ^2/NDF :1482.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -25.588+/-0.642 χ^2/NDF :75.1/2

Left: -29.333+/-0.405 χ^2/NDF : 1614.3/7

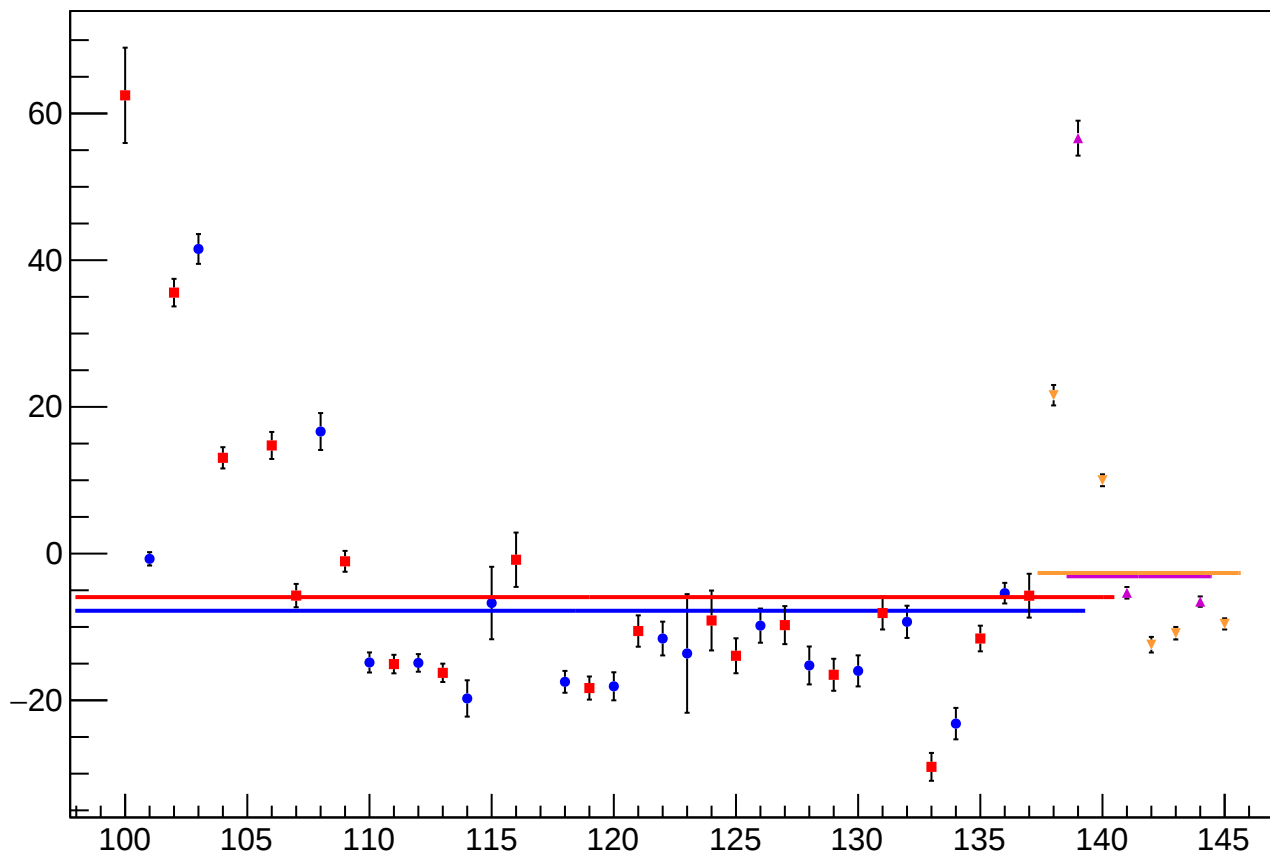
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.588+/-0.642 χ^2/NDF :75.1/2

Out: -31.806+/-0.522 χ^2/NDF :1482.8/4

All: -29.333+/-0.405 χ^2/NDF : 1614.3/7

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -2.644 ± 0.408 χ^2/NDF : 806.5/4

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -3.091 ± 0.514 χ^2/NDF : 661.5/2

Left: -2.816 ± 0.319 χ^2/NDF : 1468.5/7

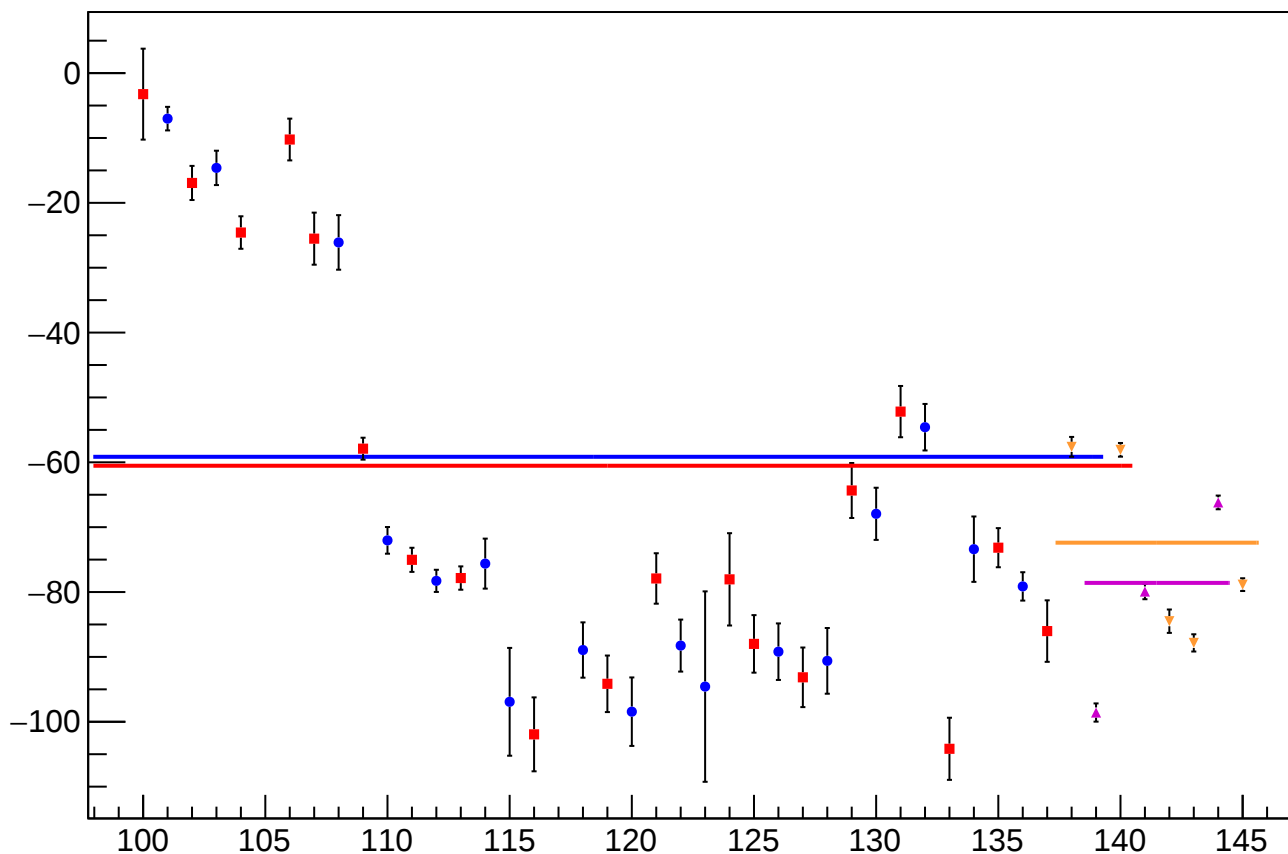
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -5.869 ± 0.329 χ^2/NDF : 1693.7/19

Out: -4.204 ± 0.295 χ^2/NDF : 2131.7/23

All: -4.948 ± 0.220 χ^2/NDF : 3839.5/43

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -72.389 ± 0.556 $\chi^2/\text{NDF}: 500.4/4$

Right Out: -60.530 ± 0.704 $\chi^2/\text{NDF}: 1385.2/18$

Left In: -78.589 ± 0.688 $\chi^2/\text{NDF}: 341.4/2$

Left: -74.842 ± 0.432 $\chi^2/\text{NDF}: 890.9/7$

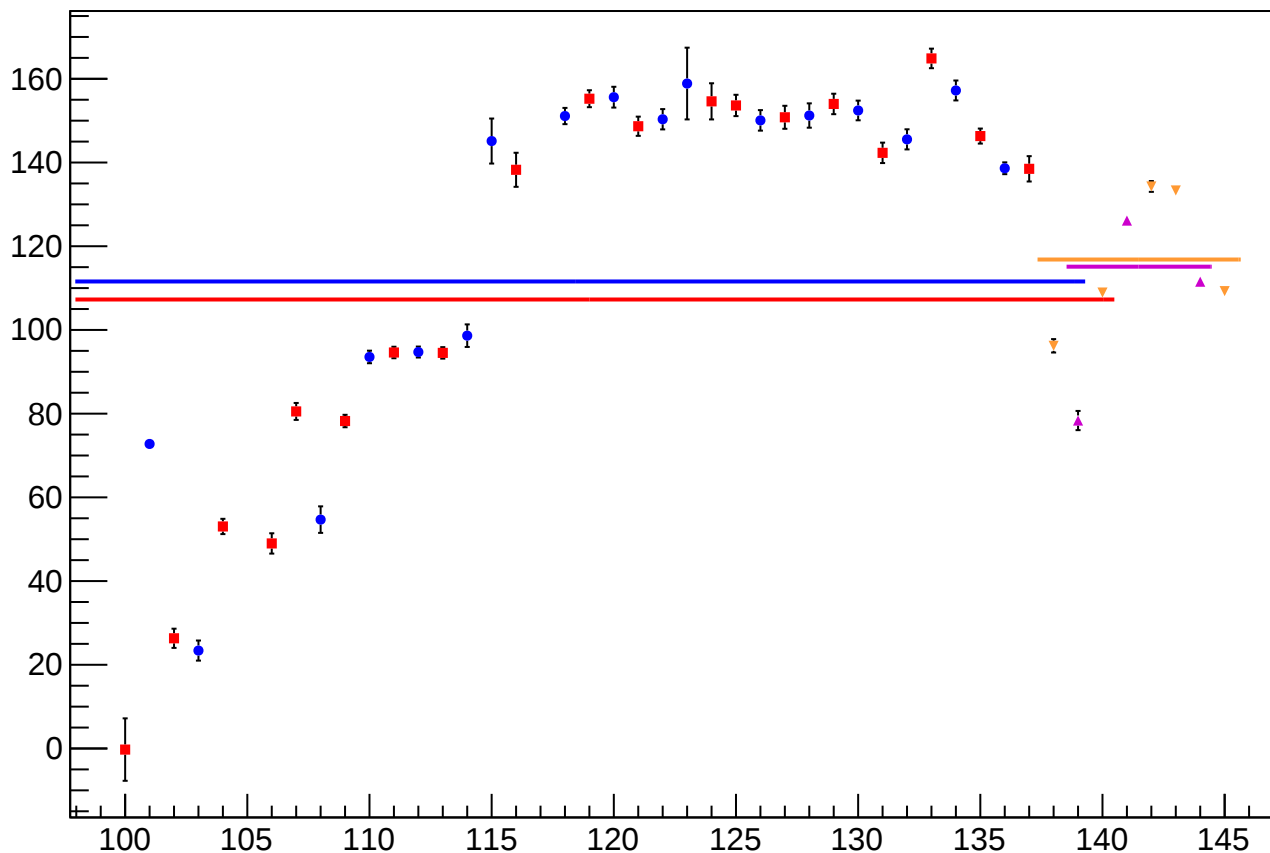
Right: -59.879 ± 0.512 $\chi^2/\text{NDF}: 3105.4/35$

In: -69.650 ± 0.505 $\chi^2/\text{NDF}: 2427.2/19$

Out: -67.832 ± 0.437 $\chi^2/\text{NDF}: 2060.3/23$

All: -68.609 ± 0.330 $\chi^2/\text{NDF}: 4494.9/43$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 116.825 $\pm$ 0.483 χ^2 /NDF: 746.3/4

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 115.115 $\pm$ 0.606 χ^2 /NDF: 408.5/2

Left: 116.161 $\pm$ 0.378 χ^2 /NDF: 1159.6/7

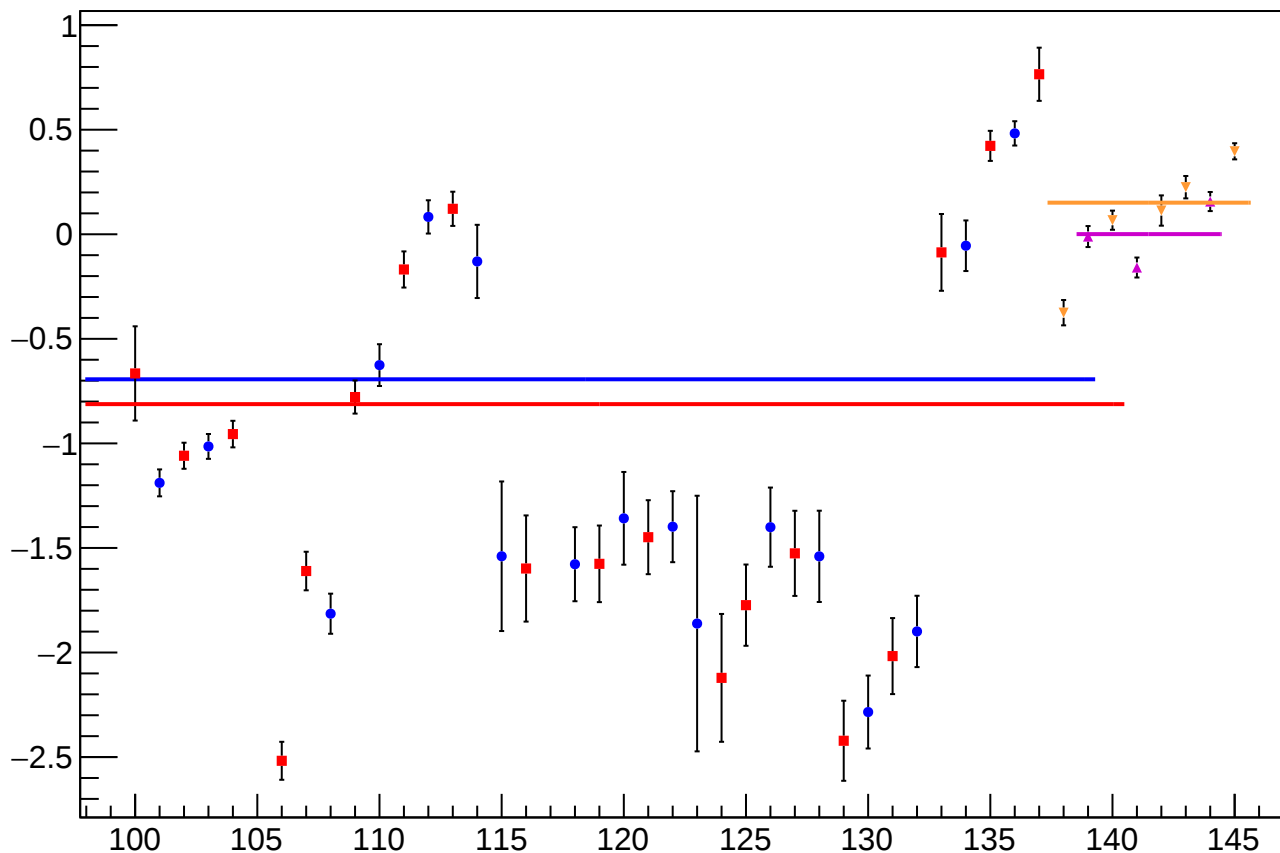
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 112.969 $\pm$ 0.380 χ^2 /NDF: 6375.1/19

Out: 112.095 $\pm$ 0.343 χ^2 /NDF: 7984.9/23

All: 112.488 $\pm$ 0.255 χ^2 /NDF: 14362.9/43

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: 0.151 ± 0.023 χ^2/NDF : 121.4/4

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: 0.001 ± 0.028 χ^2/NDF : 22.9/2

Left: 0.091 ± 0.017 χ^2/NDF : 162.1/7

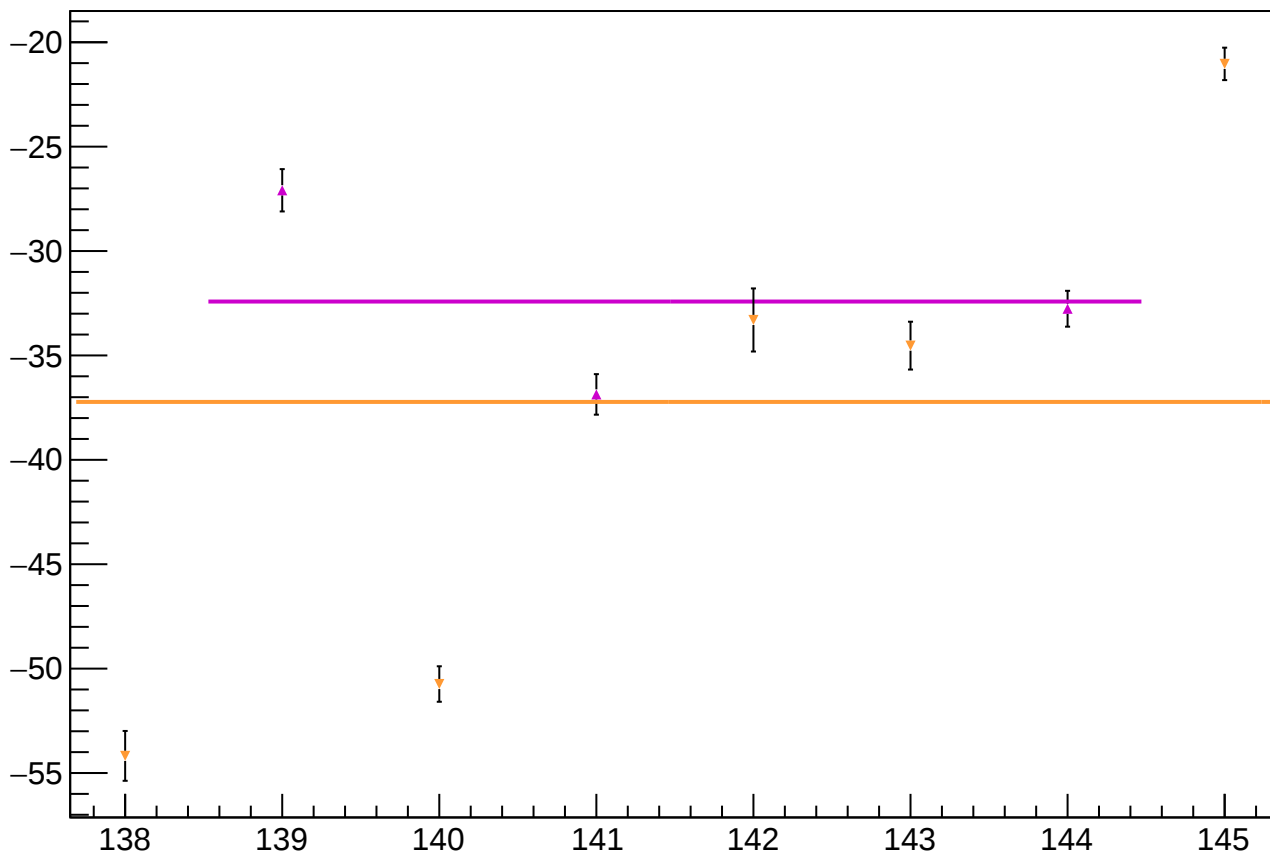
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.369 ± 0.019 χ^2/NDF : 1351.5/19

Out: -0.295 ± 0.017 χ^2/NDF : 2272.4/23

All: -0.327 ± 0.012 χ^2/NDF : 3632.8/43

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.226+/-0.450 χ^2/NDF : 901.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.419+/-0.543 χ^2/NDF : 48.8/2

Left: -35.271+/-0.346 χ^2/NDF : 996.4/7

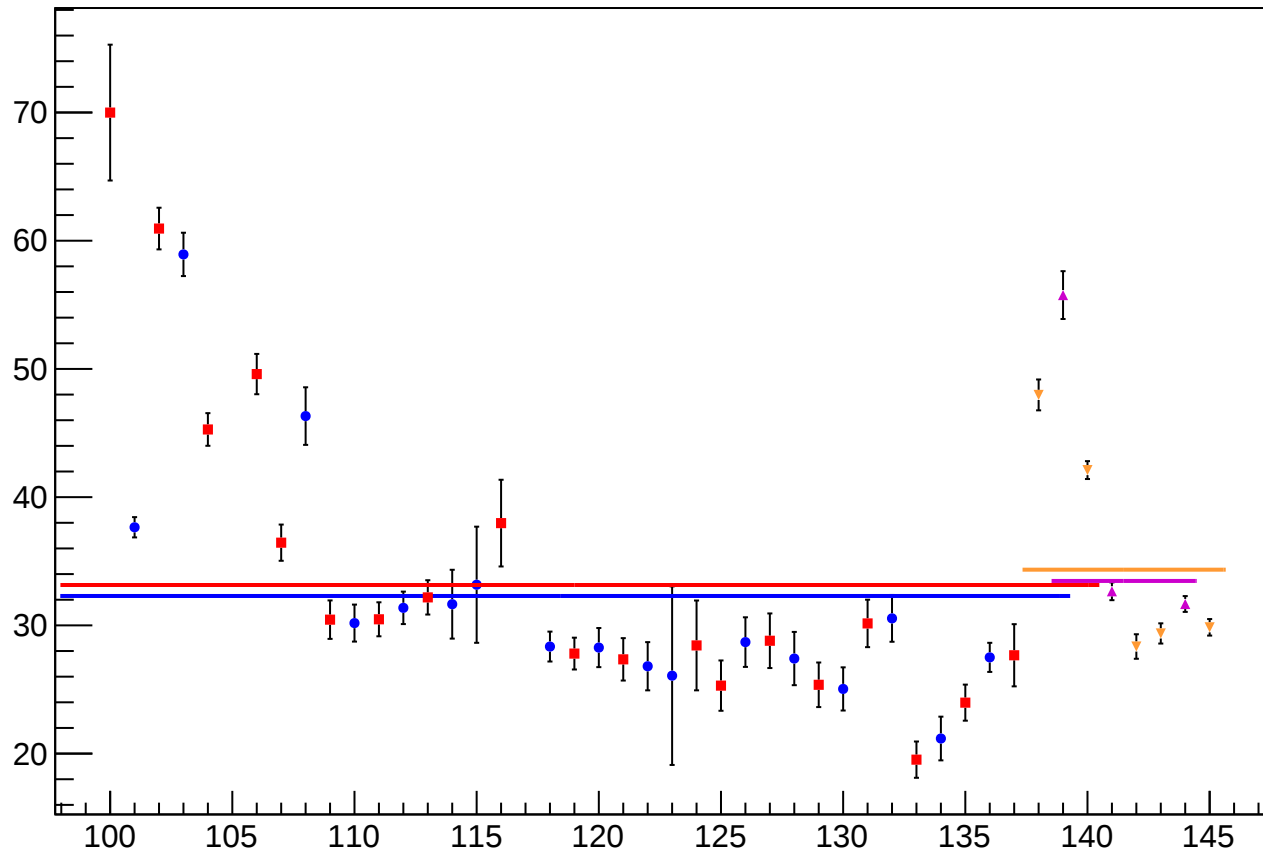
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.419+/-0.543 χ^2/NDF : 48.8/2

Out: -37.226+/-0.450 χ^2/NDF : 901.2/4

All: -35.271+/-0.346 χ^2/NDF : 996.4/7

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 34.344 $\pm$ 0.357 χ^2 /NDF:379.8/4

Right Out: 33.149 $\pm$ 0.379 χ^2 /NDF: 772.6/18

Left In: 33.465 $\pm$ 0.447 χ^2 /NDF:152.7/2

Left: 34.002 $\pm$ 0.279 χ^2 /NDF: 534.9/7

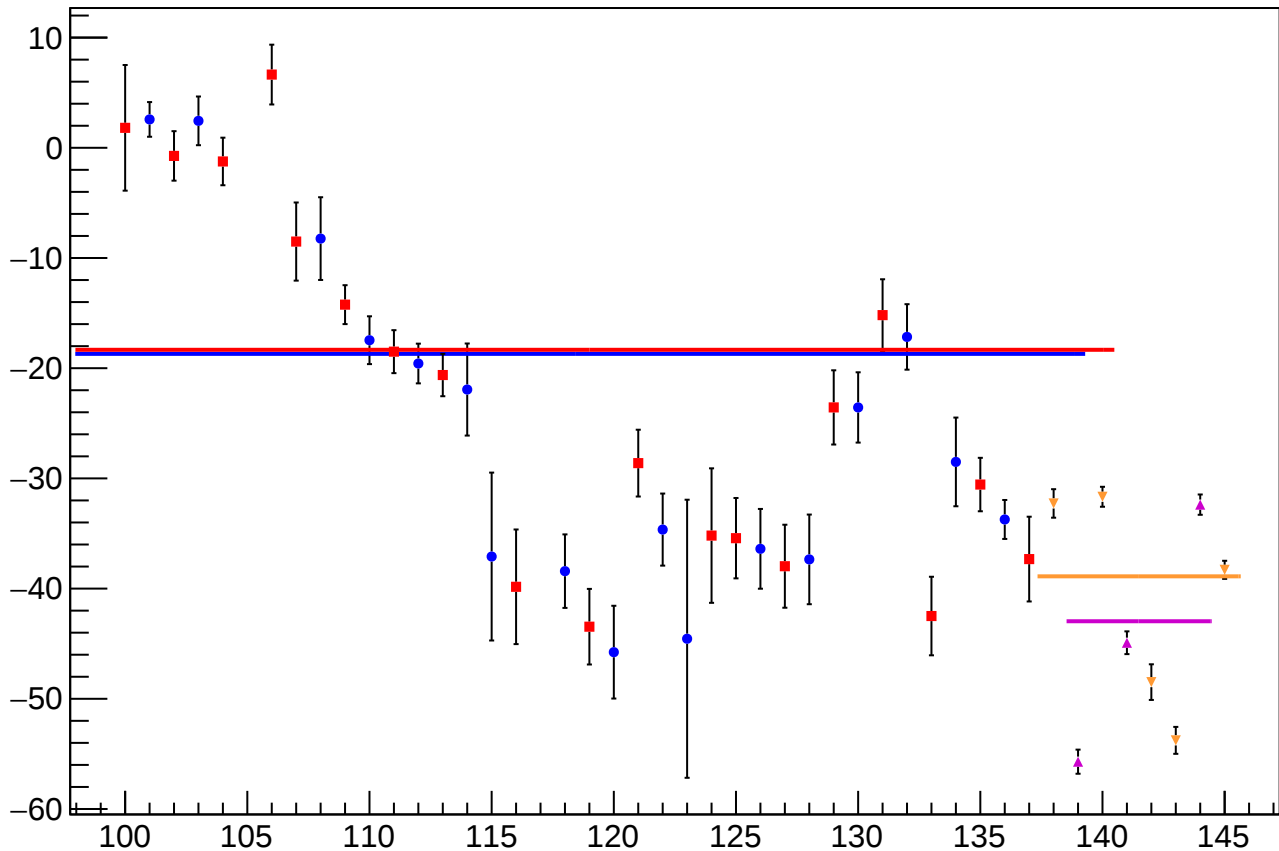
Right: 32.715 $\pm$ 0.266 χ^2 /NDF: 1227.8/35

In: 32.774 $\pm$ 0.287 χ^2 /NDF:609.3/19

Out: 33.782 $\pm$ 0.260 χ^2 /NDF:1157.7/23

All: 33.327 $\pm$ 0.192 χ^2 /NDF: 1773.8/43

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -38.888 ± 0.479 χ^2/NDF : 273.8/4

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -42.963 ± 0.582 χ^2/NDF : 271.3/2

Left: -40.534 ± 0.370 χ^2/NDF : 574.3/7

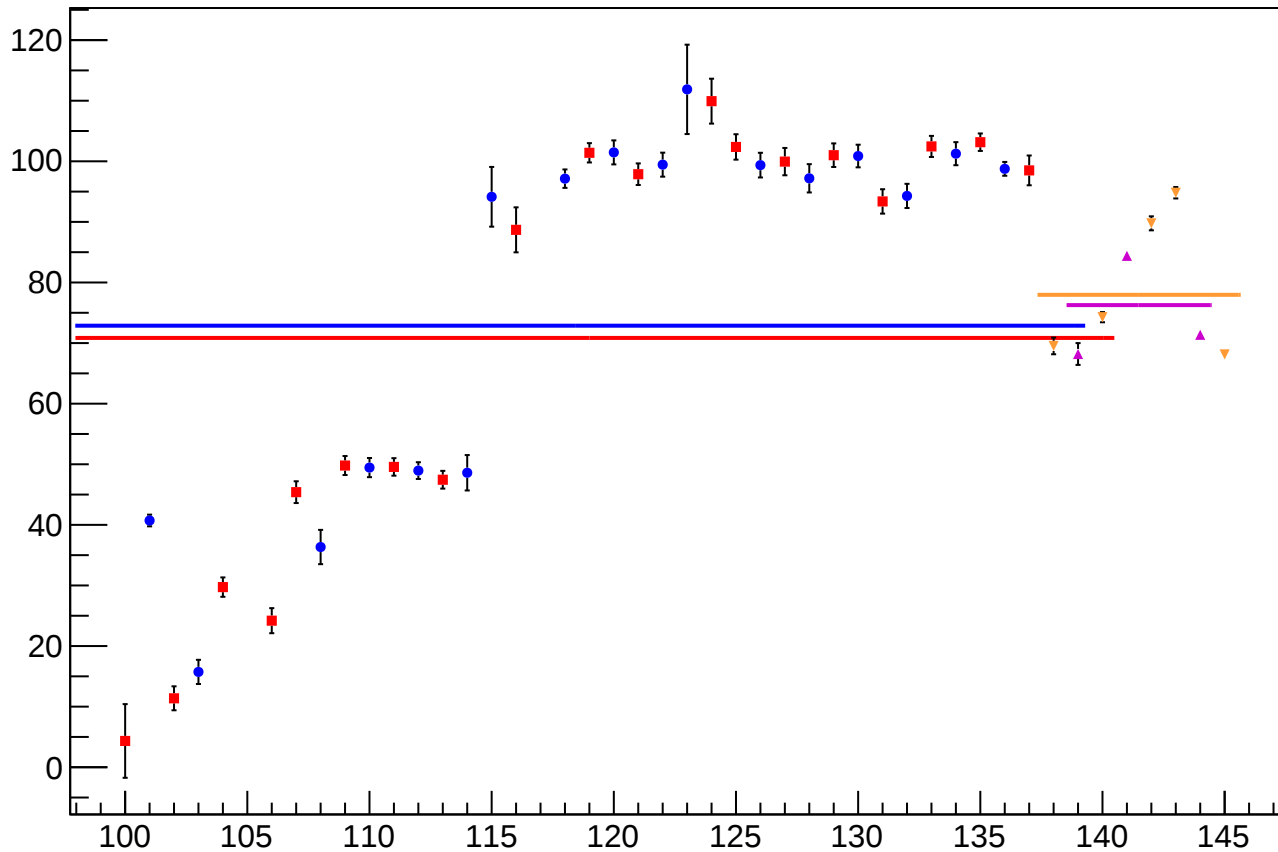
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -32.467 ± 0.438 χ^2/NDF : 1542.3/19

Out: -31.555 ± 0.384 χ^2/NDF : 1404.5/23

All: -31.951 ± 0.289 χ^2/NDF : 2949.3/43

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 77.964 $\pm$ 0.421 χ^2 /NDF: 654.9/4

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 76.267 $\pm$ 0.524 χ^2 /NDF: 160.7/2

Left: 77.298 $\pm$ 0.328 χ^2 /NDF: 822.0/7

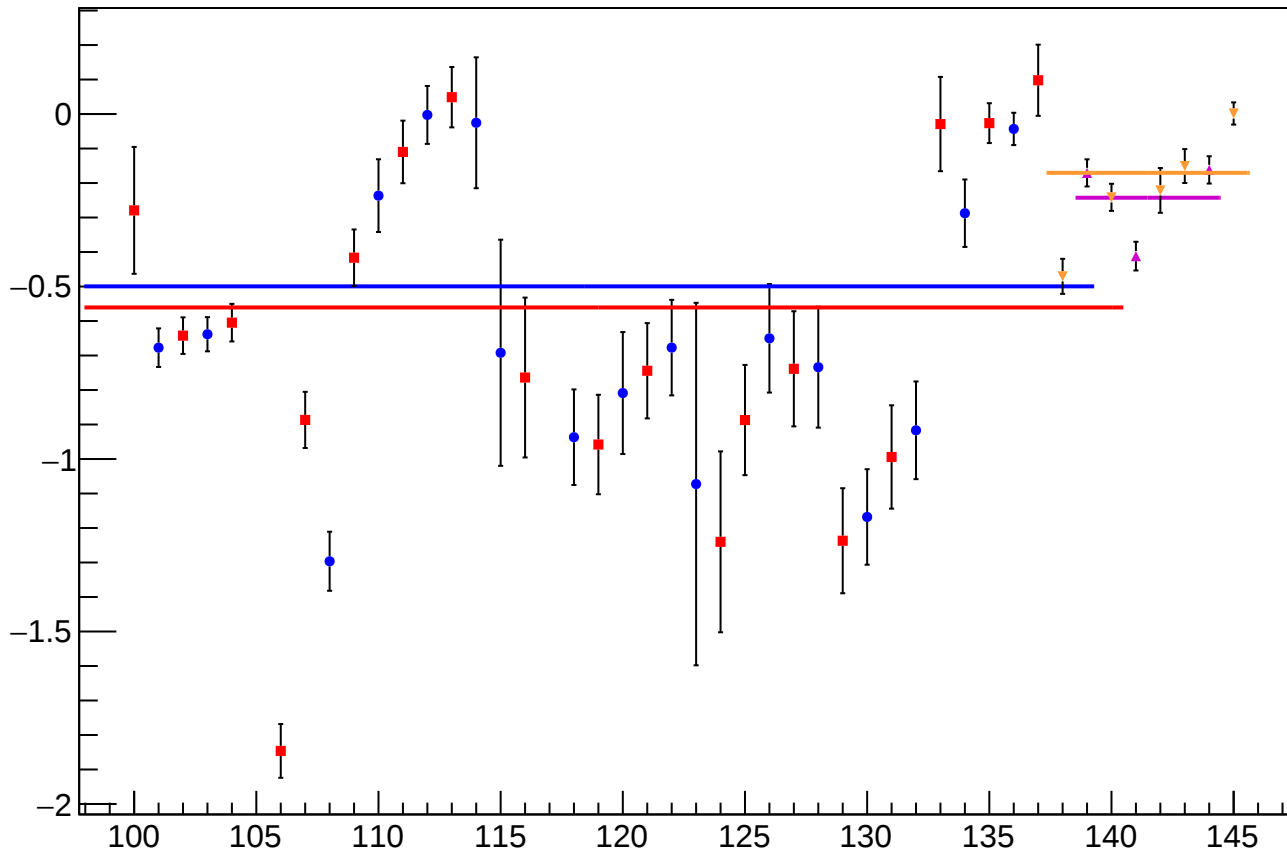
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.222 $\pm$ 0.331 χ^2 /NDF: 4913.0/19

Out: 74.505 $\pm$ 0.302 χ^2 /NDF: 6289.0/23

All: 74.377 $\pm$ 0.223 χ^2 /NDF: 11202.4/43

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.170 ± 0.019 χ^2/NDF : 67.5/4

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.243 ± 0.023 χ^2/NDF : 24.1/2

Left: -0.200 ± 0.015 χ^2/NDF : 97.3/7

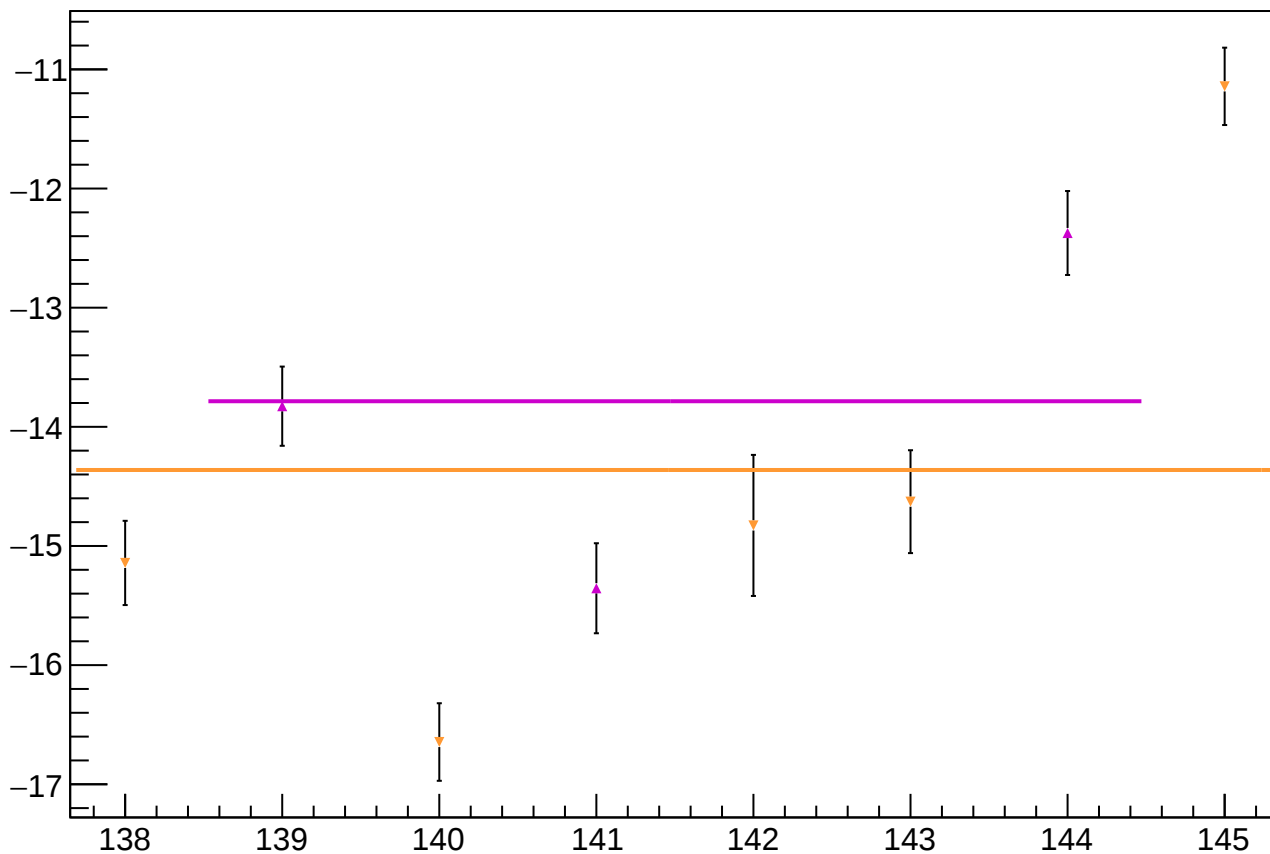
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.376 ± 0.016 χ^2/NDF : 390.5/19

Out: -0.347 ± 0.014 χ^2/NDF : 811.8/23

All: -0.360 ± 0.011 χ^2/NDF : 1204.0/43

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.362+/-0.169 χ^2/NDF :153.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.785+/-0.204 χ^2/NDF :33.3/2

Left: -14.127+/-0.130 χ^2/NDF : 191.6/7

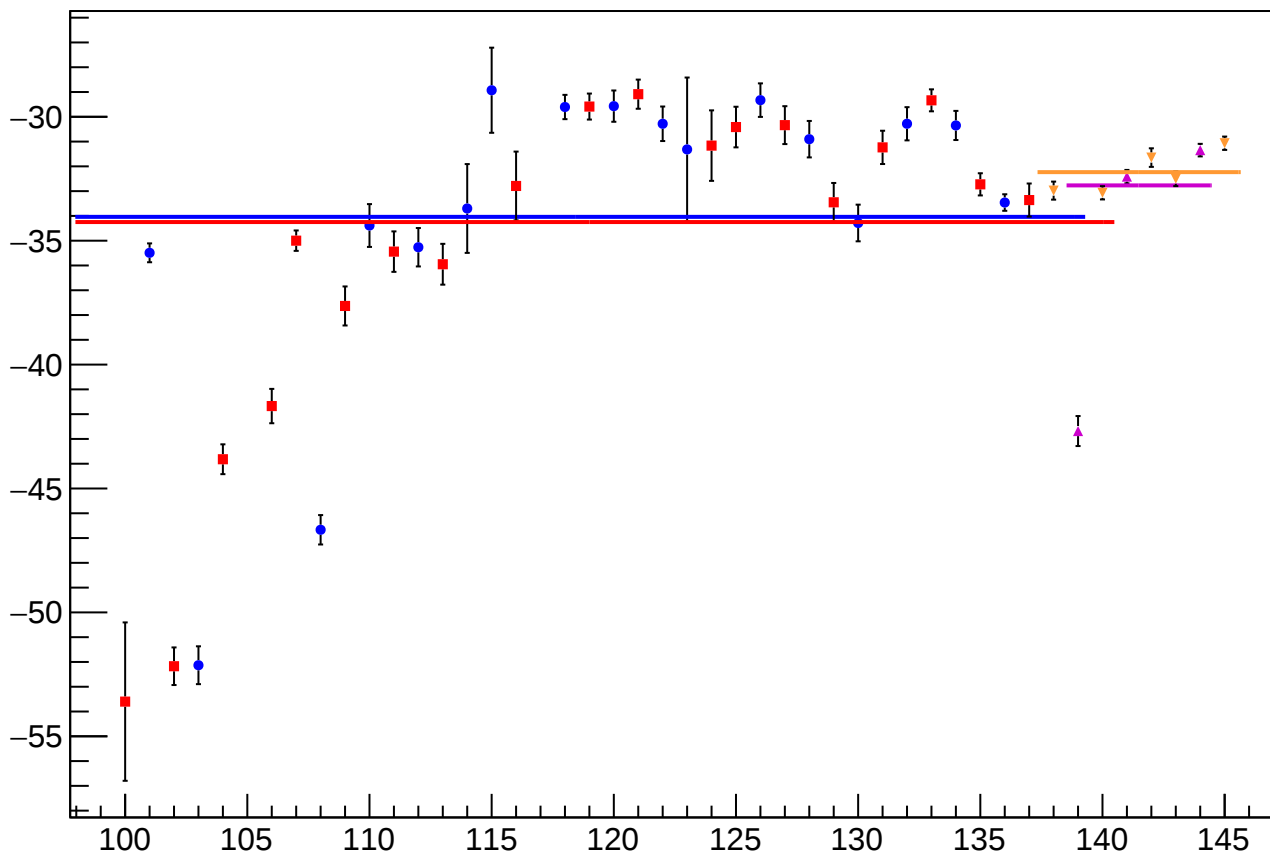
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.785+/-0.204 χ^2/NDF :33.3/2

Out: -14.362+/-0.169 χ^2/NDF :153.5/4

All: -14.127+/-0.130 χ^2/NDF : 191.6/7

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.233 ± 0.136 χ^2/NDF : 35.9/4

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -32.768 ± 0.177 χ^2/NDF : 301.4/2

Left: -32.433 ± 0.108 χ^2/NDF : 343.1/7

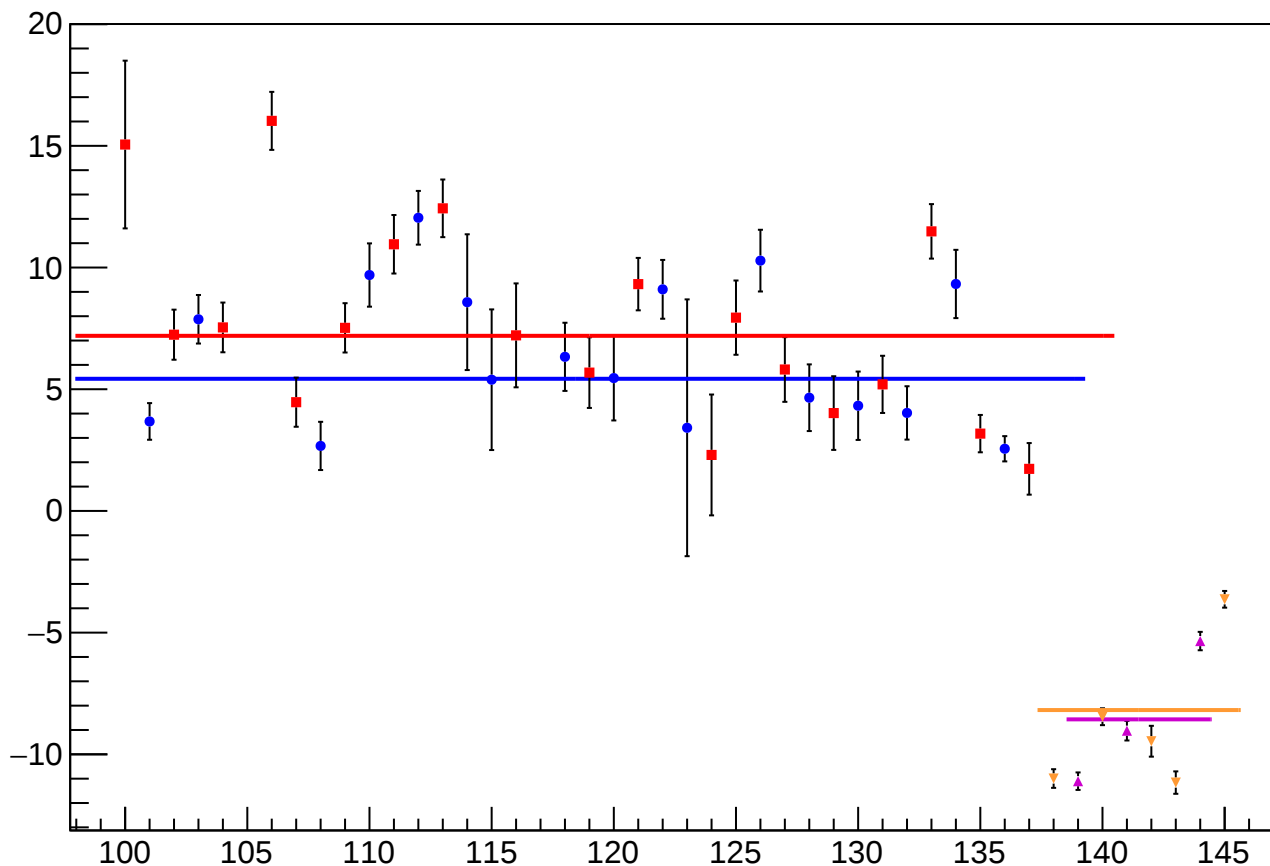
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -33.503 ± 0.115 χ^2/NDF : 1674.2/19

Out: -33.141 ± 0.101 χ^2/NDF : 1491.7/23

All: -33.299 ± 0.076 χ^2/NDF : 3171.4/43

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -8.181 ± 0.180 $\chi^2/\text{NDF}: 276.4/4$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -8.564 ± 0.218 $\chi^2/\text{NDF}: 123.9/2$

Left: -8.336 ± 0.139 $\chi^2/\text{NDF}: 402.1/7$

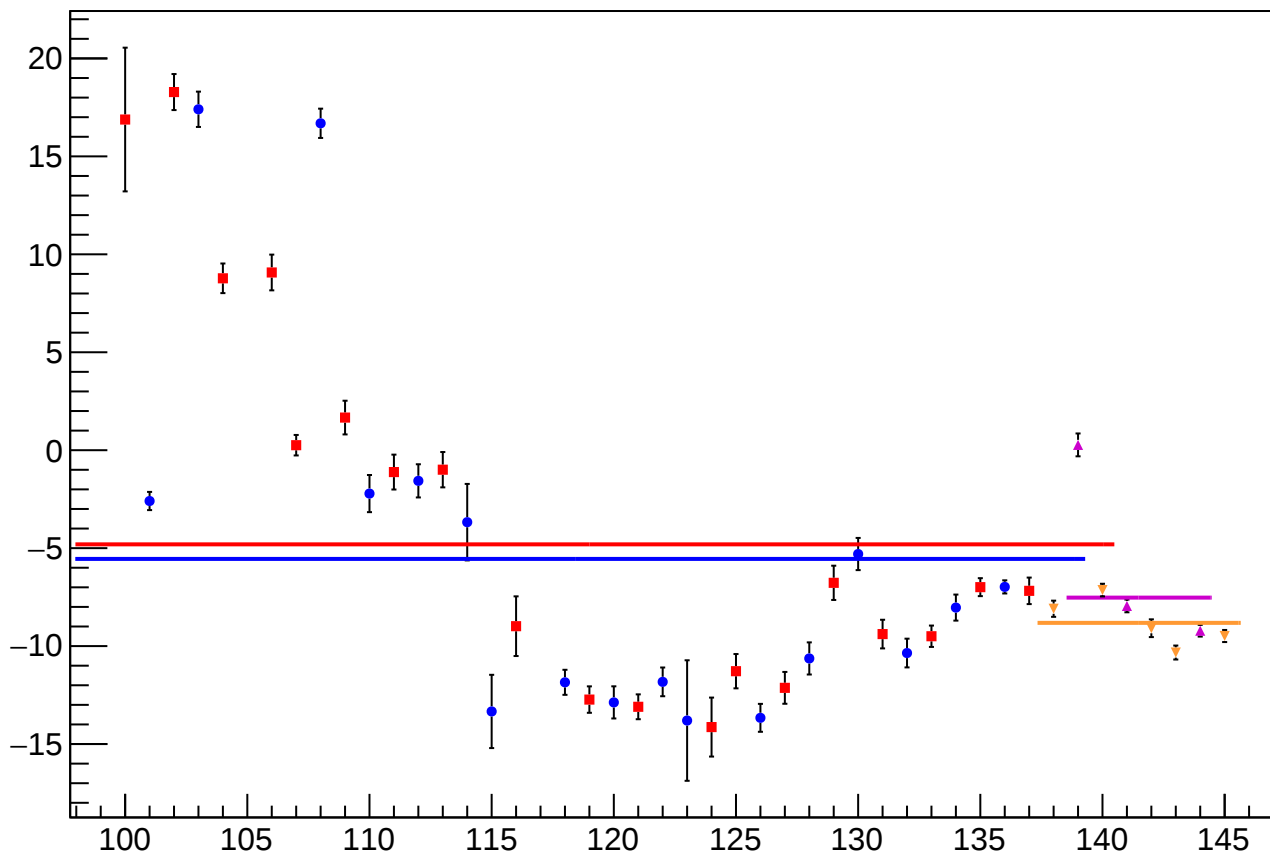
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -3.025 ± 0.170 $\chi^2/\text{NDF}: 1880.5/19$

Out: -3.544 ± 0.151 $\chi^2/\text{NDF}: 2657.7/23$

All: -3.315 ± 0.113 $\chi^2/\text{NDF}: 4543.4/43$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.814 ± 0.161 χ^2/NDF : 53.1/4

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -7.526 ± 0.206 χ^2/NDF : 212.2/2

Left: -8.326 ± 0.127 χ^2/NDF : 289.6/7

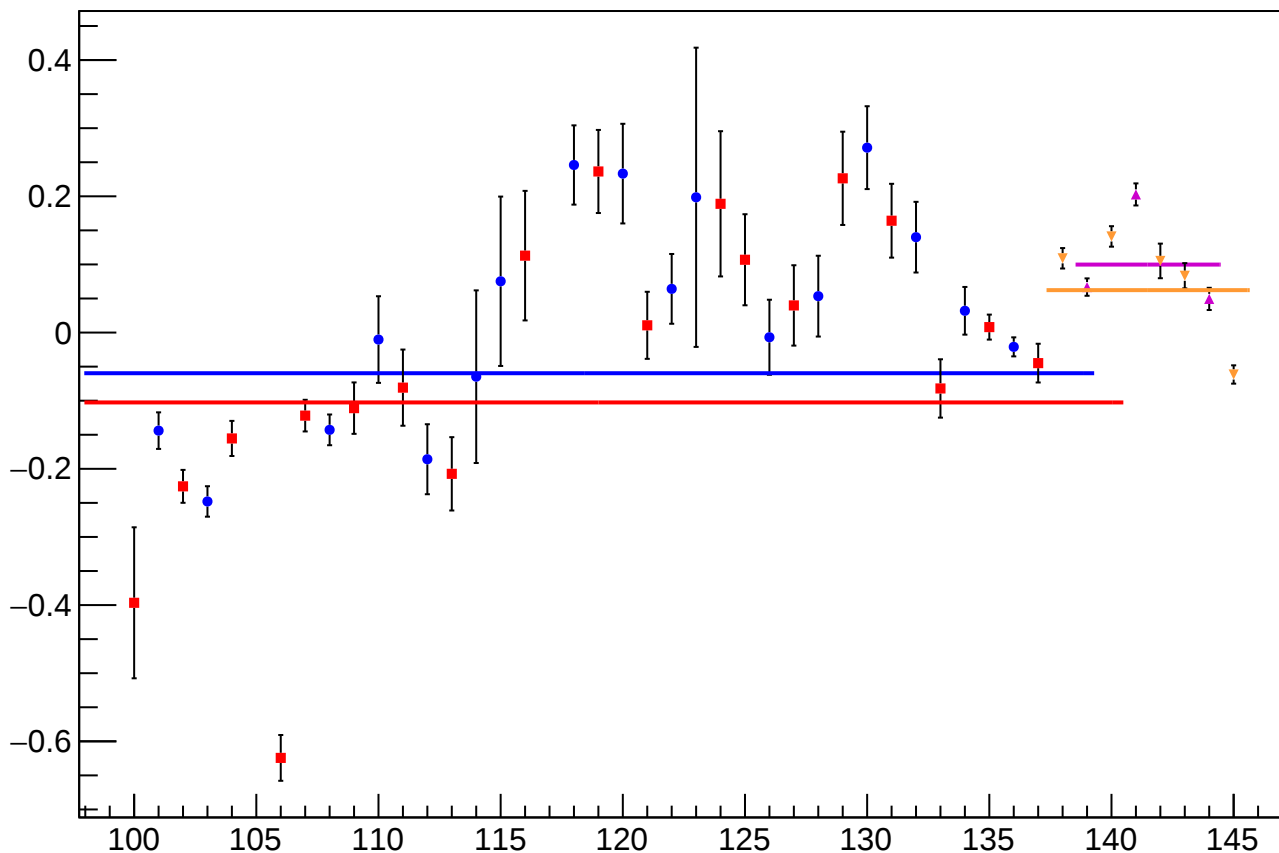
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -6.352 ± 0.131 χ^2/NDF : 2393.6/19

Out: -6.953 ± 0.118 χ^2/NDF : 2389.9/23

All: -6.685 ± 0.088 χ^2/NDF : 4795.1/43

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.062 ± 0.007 χ^2/NDF : 126.2/4

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.100 ± 0.009 χ^2/NDF : 56.7/2

Left: 0.078 ± 0.006 χ^2/NDF : 194.1/7

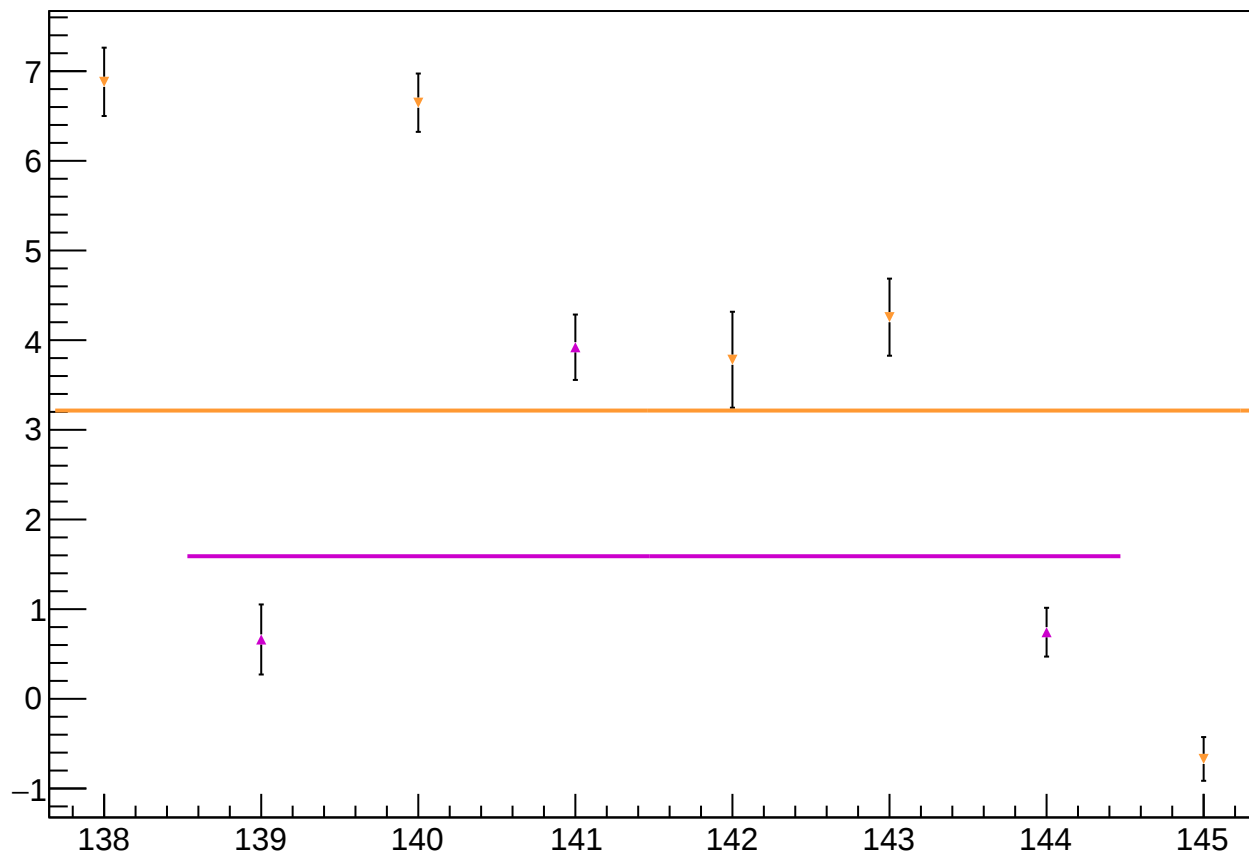
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.019 ± 0.006 χ^2/NDF : 450.7/19

Out: -0.008 ± 0.006 χ^2/NDF : 781.0/23

All: 0.004 ± 0.004 χ^2/NDF : 1242.7/43

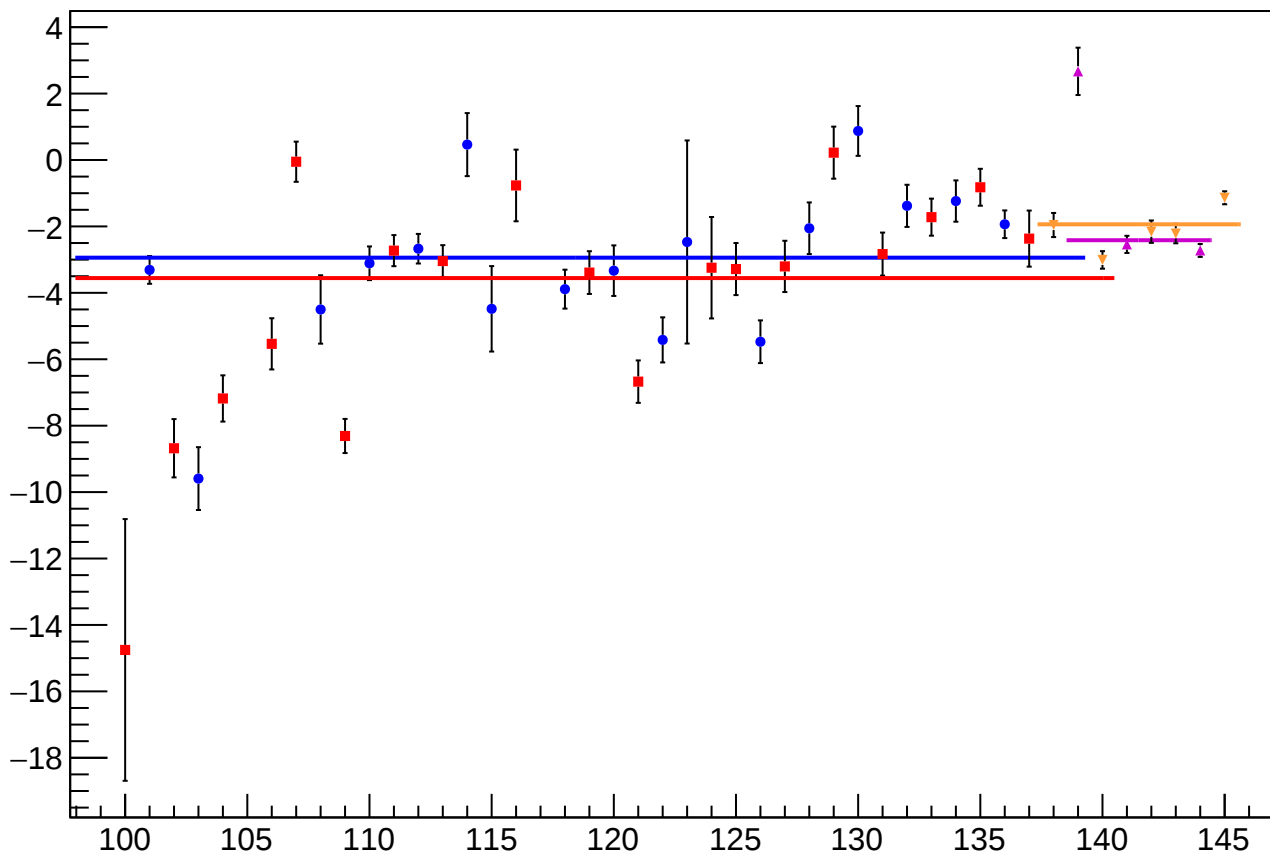
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.215 $\pm$ 0.154 χ^2 /NDF:464.8/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.590 $\pm$ 0.190 χ^2 /NDF:56.2/2

Left: 2.571 $\pm$ 0.120 χ^2 /NDF: 564.9/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.590 $\pm$ 0.190 χ^2 /NDF:56.2/2
 Out: 3.215 $\pm$ 0.154 χ^2 /NDF:464.8/4
 All: 2.571 $\pm$ 0.120 χ^2 /NDF: 564.9/7

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.937 ± 0.121 χ^2/NDF : 34.4/4

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -2.416 ± 0.152 χ^2/NDF : 53.6/2

Left: -2.123 ± 0.095 χ^2/NDF : 94.1/7

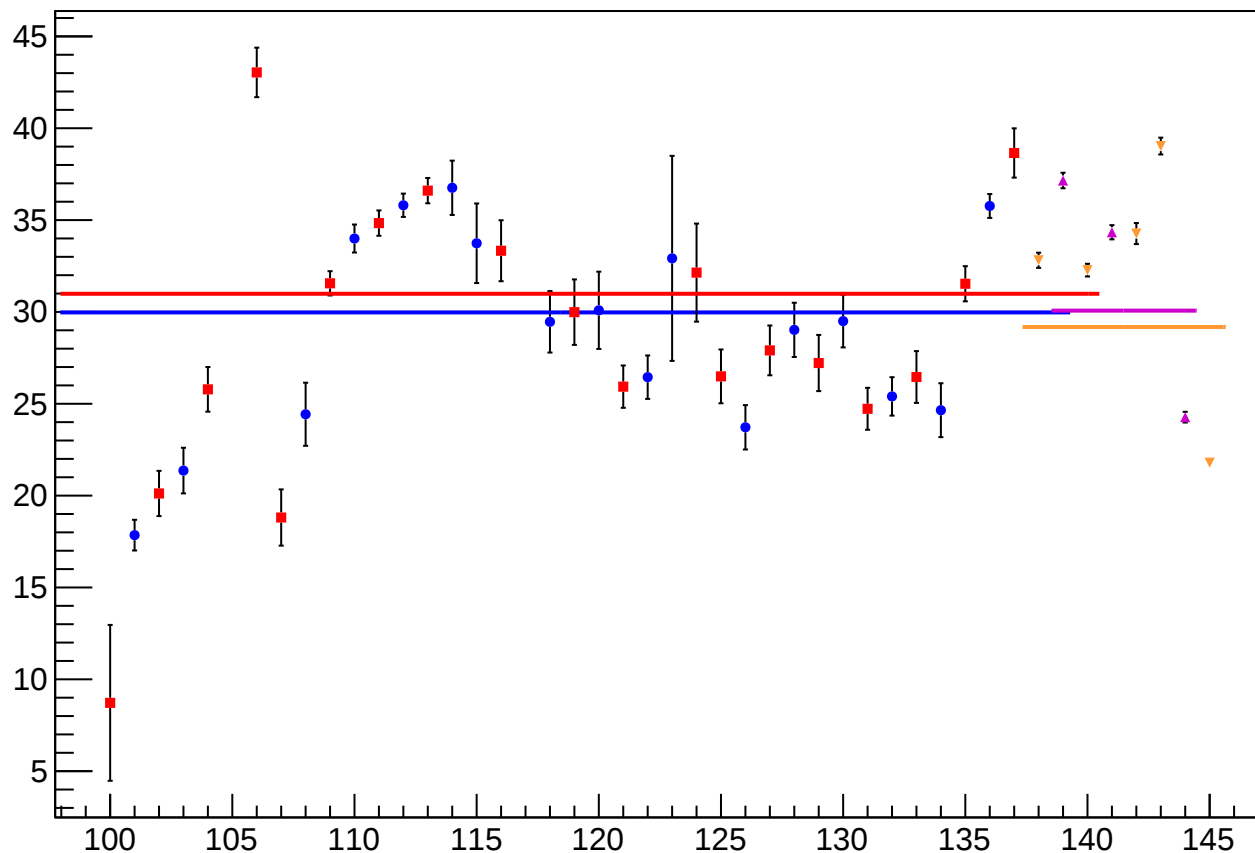
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.674 ± 0.108 χ^2/NDF : 205.1/19

Out: -2.552 ± 0.095 χ^2/NDF : 394.1/23

All: -2.606 ± 0.072 χ^2/NDF : 599.9/43

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 29.179 $\pm$ 0.165 χ^2 /NDF:1506.6/4

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 30.071 $\pm$ 0.204 χ^2 /NDF:797.8/2

Left: 29.531 $\pm$ 0.128 χ^2 /NDF: 2316.0/7

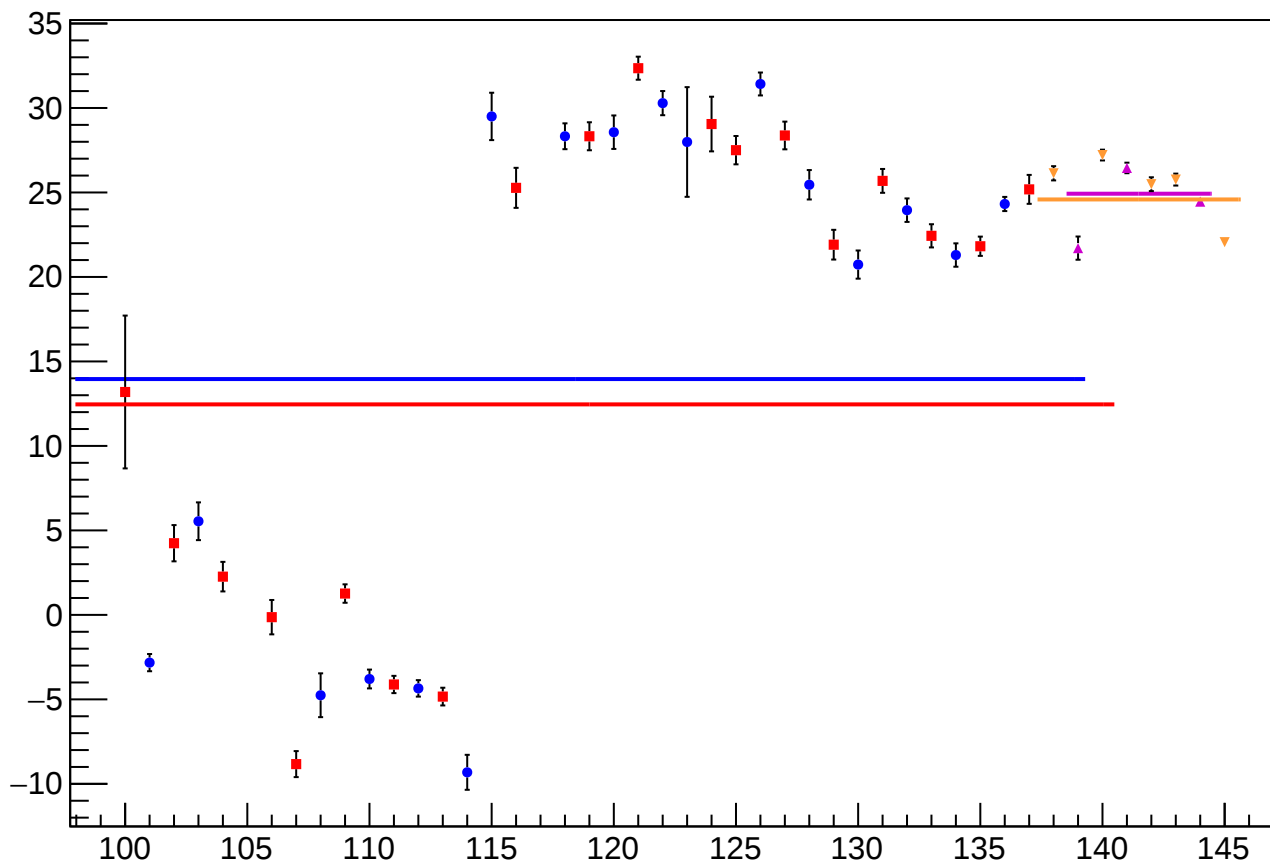
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 30.035 $\pm$ 0.162 χ^2 /NDF:1351.8/19

Out: 29.698 $\pm$ 0.139 χ^2 /NDF:2022.2/23

All: 29.841 $\pm$ 0.106 χ^2 /NDF: 3376.5/43

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 24.587 $\pm$ 0.143 χ^2 /NDF:221.6/4

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 24.927 $\pm$ 0.179 χ^2 /NDF:50.0/2

Left: 24.719 $\pm$ 0.112 χ^2 /NDF: 273.8/7

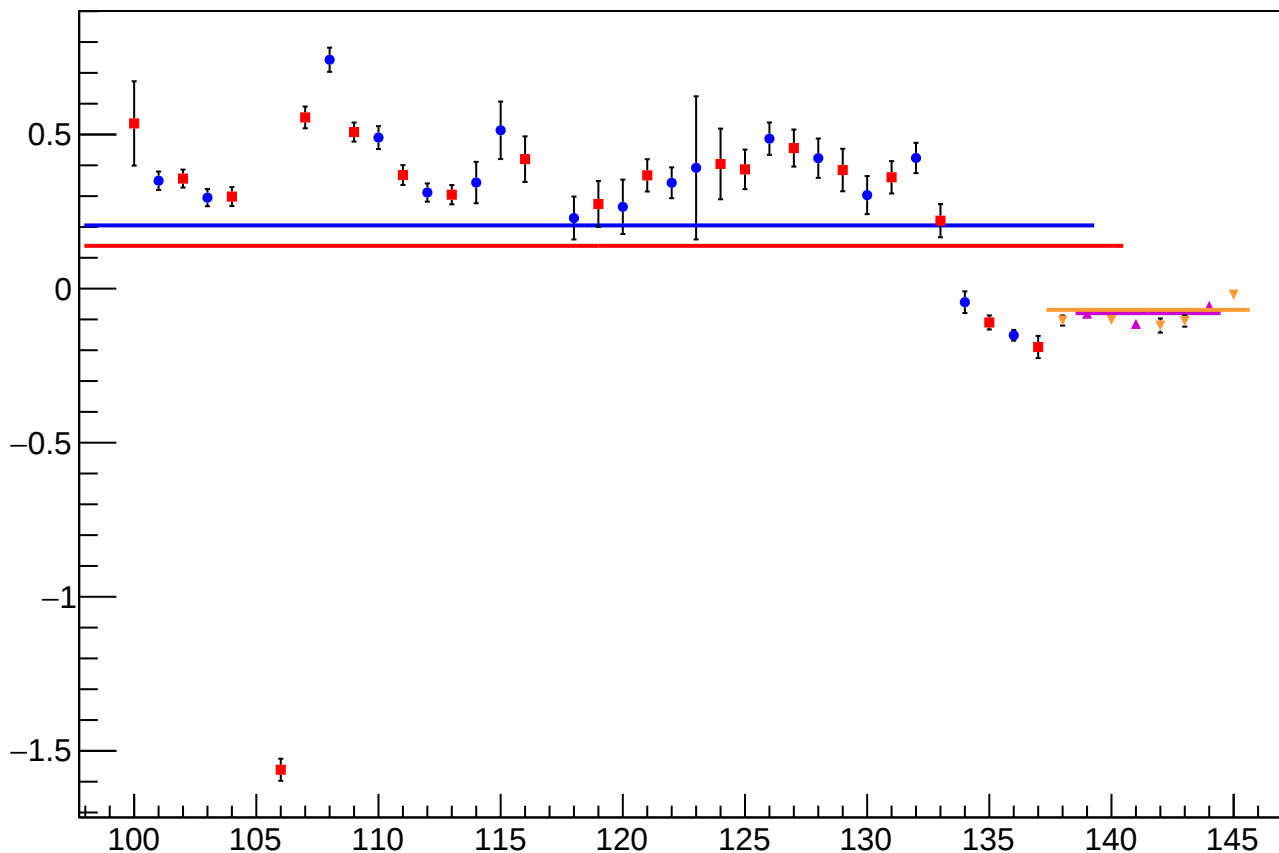
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.235 $\pm$ 0.124 χ^2 /NDF:9348.8/19

Out: 19.682 $\pm$ 0.110 χ^2 /NDF:10108.4/23

All: 19.484 $\pm$ 0.082 χ^2 /NDF: 19464.5/43

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: -0.069+/-0.007 χ^2/NDF : 41.2/4

Right Out: 0.139+/-0.009 χ^2/NDF : 3016.4/18

Left In: -0.080+/-0.008 χ^2/NDF : 8.5/2

Left: -0.073+/-0.005 χ^2/NDF : 50.7/7

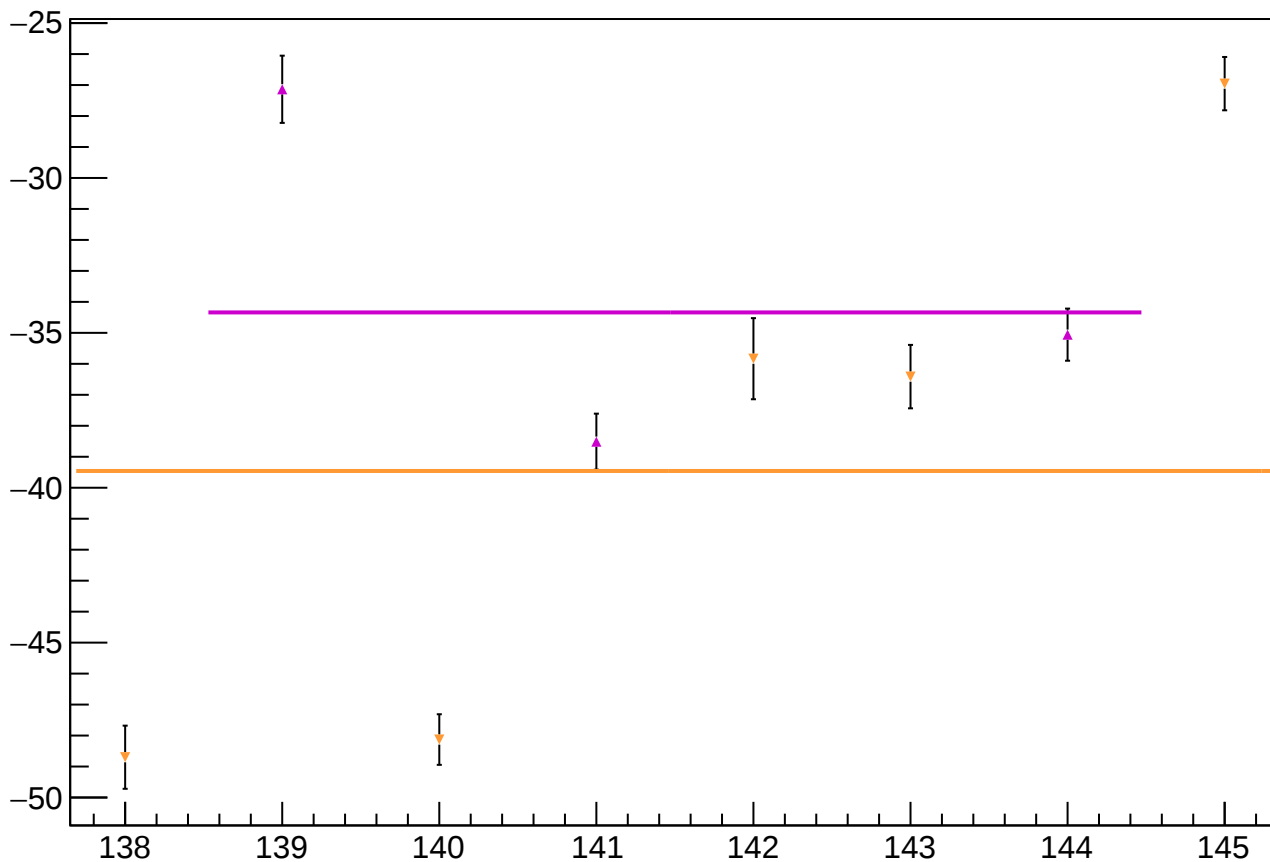
Right: 0.171+/-0.007 χ^2/NDF : 3888.5/35

In: 0.044+/-0.006 χ^2/NDF : 1377.6/19

Out: 0.002+/-0.005 χ^2/NDF : 3392.3/23

All: 0.020+/-0.004 χ^2/NDF : 4795.3/43

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.459+/-0.432 χ^2/NDF :422.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.340+/-0.536 χ^2/NDF :66.1/2

Left: -37.440+/-0.336 χ^2/NDF : 543.9/7

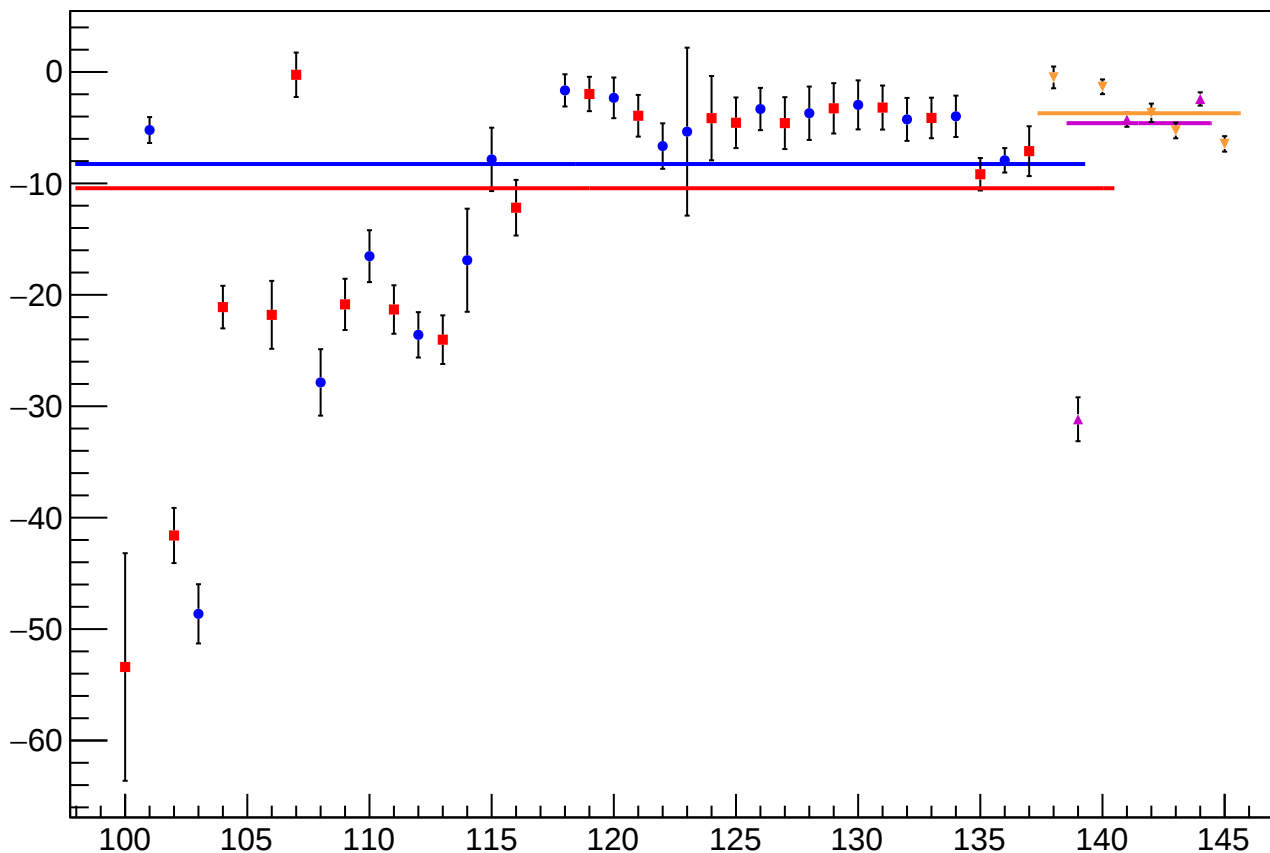
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.340+/-0.536 χ^2/NDF :66.1/2

Out: -39.459+/-0.432 χ^2/NDF :422.5/4

All: -37.440+/-0.336 χ^2/NDF : 543.9/7

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.703 ± 0.335 χ^2/NDF : 44.3/4

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -4.593 ± 0.427 χ^2/NDF : 195.3/2

Left: -4.042 ± 0.264 χ^2/NDF : 242.3/7

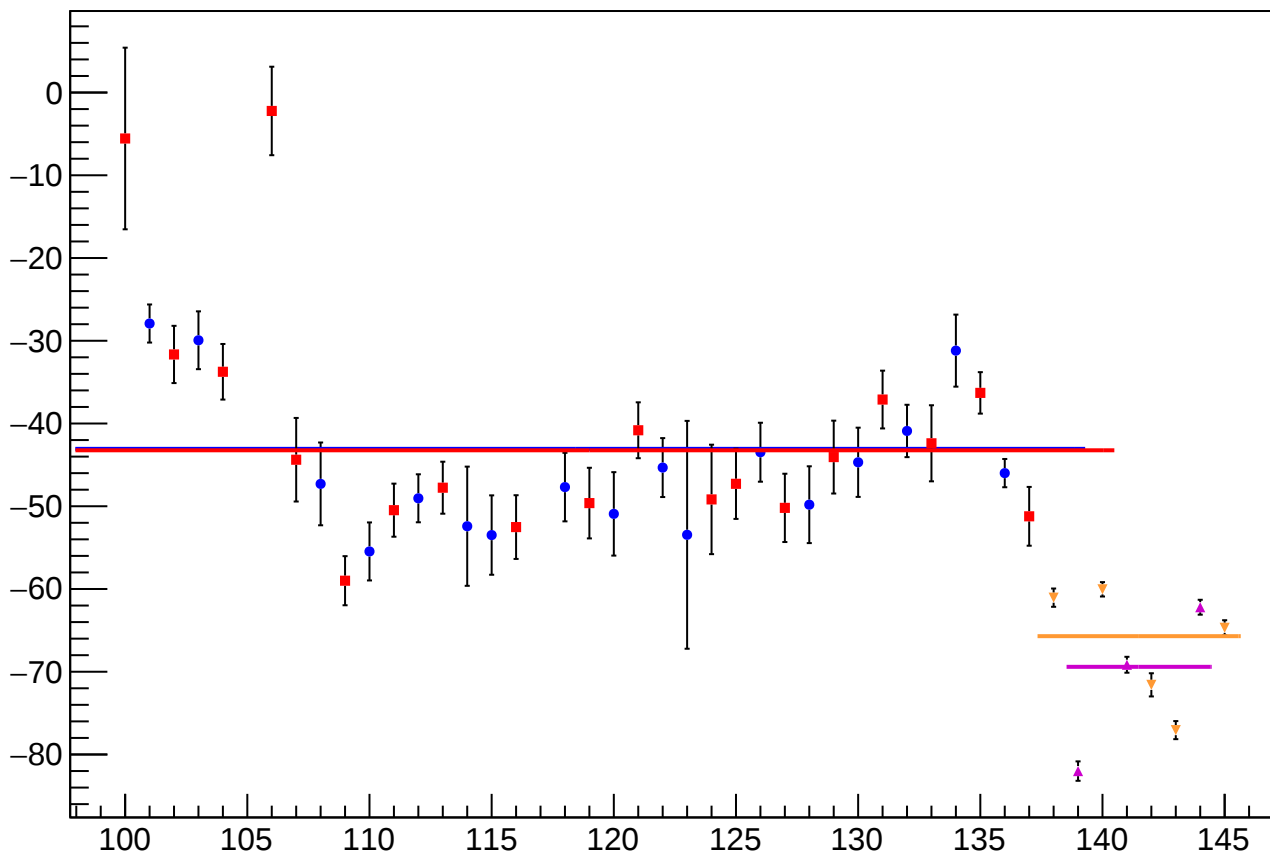
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -6.280 ± 0.314 χ^2/NDF : 641.2/19

Out: -5.843 ± 0.277 χ^2/NDF : 601.3/23

All: -6.034 ± 0.207 χ^2/NDF : 1243.5/43

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -65.702 ± 0.462 $\chi^2/\text{NDF}: 187.2/4$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -69.406 ± 0.573 $\chi^2/\text{NDF}: 179.3/2$

Left: -67.160 ± 0.360 $\chi^2/\text{NDF}: 391.8/7$

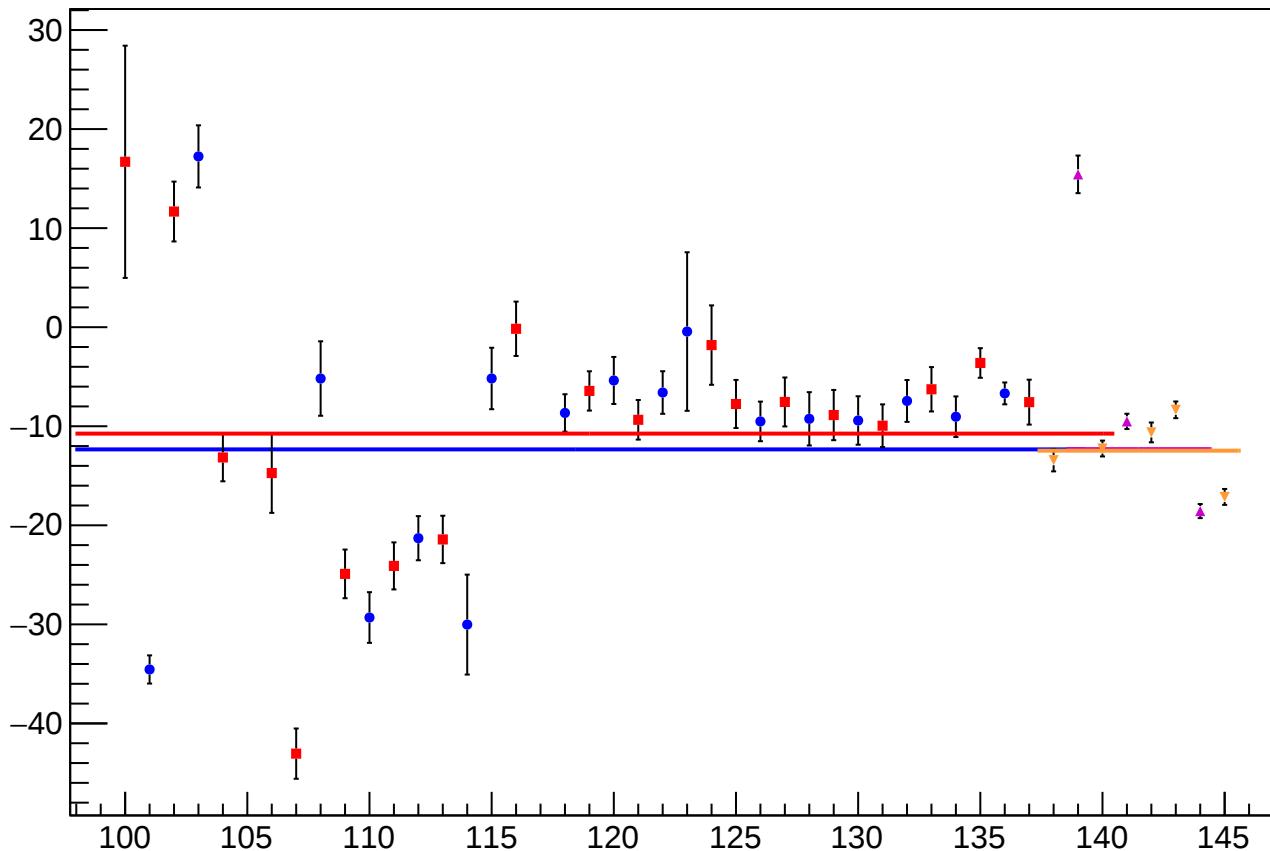
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -60.968 ± 0.473 $\chi^2/\text{NDF}: 954.3/19$

Out: -60.727 ± 0.408 $\chi^2/\text{NDF}: 865.2/23$

All: -60.830 ± 0.309 $\chi^2/\text{NDF}: 1819.7/43$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336+/-0.520 χ^2/NDF : 475.2/16

Left Out: -12.465+/-0.398 χ^2/NDF : 62.0/4

Right Out: -10.743+/-0.553 χ^2/NDF : 366.9/18

Left In: -12.310+/-0.504 χ^2/NDF : 304.1/2

Left: -12.405+/-0.313 χ^2/NDF : 366.2/7

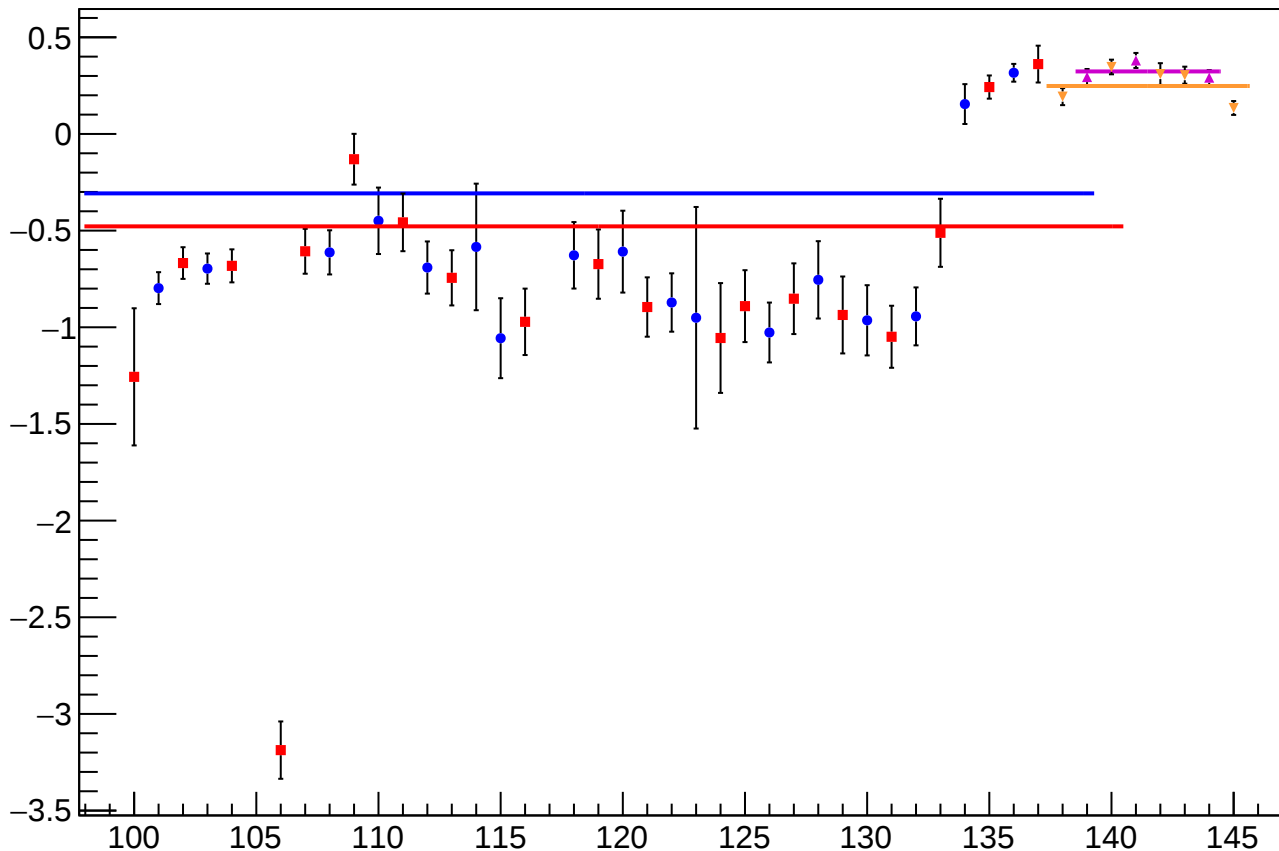
Right: -11.588+/-0.379 χ^2/NDF : 846.4/35

In: -12.322+/-0.362 χ^2/NDF : 779.3/19

Out: -11.877+/-0.323 χ^2/NDF : 435.3/23

All: -12.074+/-0.241 χ^2/NDF : 1215.4/43

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.248 ± 0.019 χ^2/NDF : 21.2/4

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.323 ± 0.023 χ^2/NDF : 3.3/2

Left: 0.278 ± 0.015 χ^2/NDF : 30.9/7

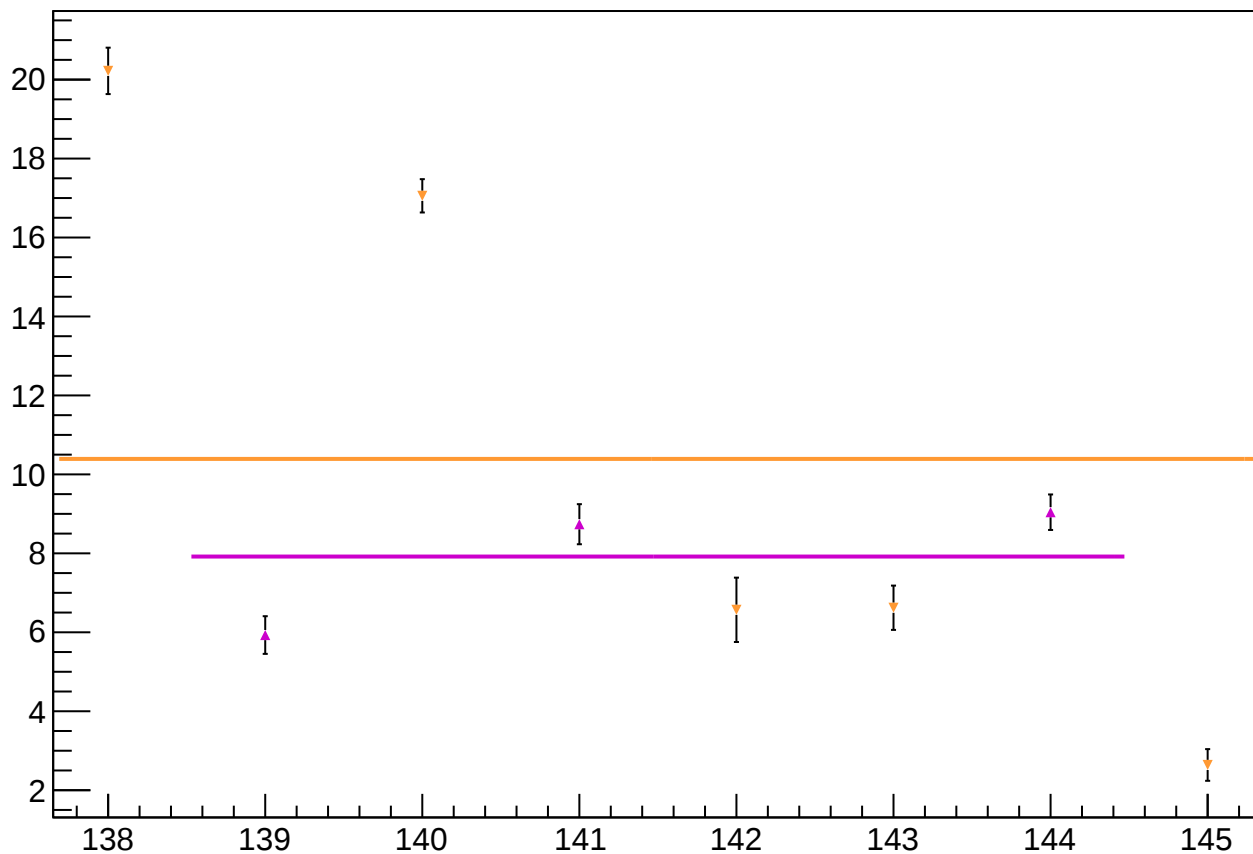
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.064 ± 0.018 χ^2/NDF : 684.6/19

Out: 0.028 ± 0.016 χ^2/NDF : 1103.7/23

All: 0.044 ± 0.012 χ^2/NDF : 1790.6/43

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.392+/-0.227 χ^2/NDF :969.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.919+/-0.275 χ^2/NDF :26.2/2

Left: 9.390+/-0.175 χ^2/NDF : 1043.6/7

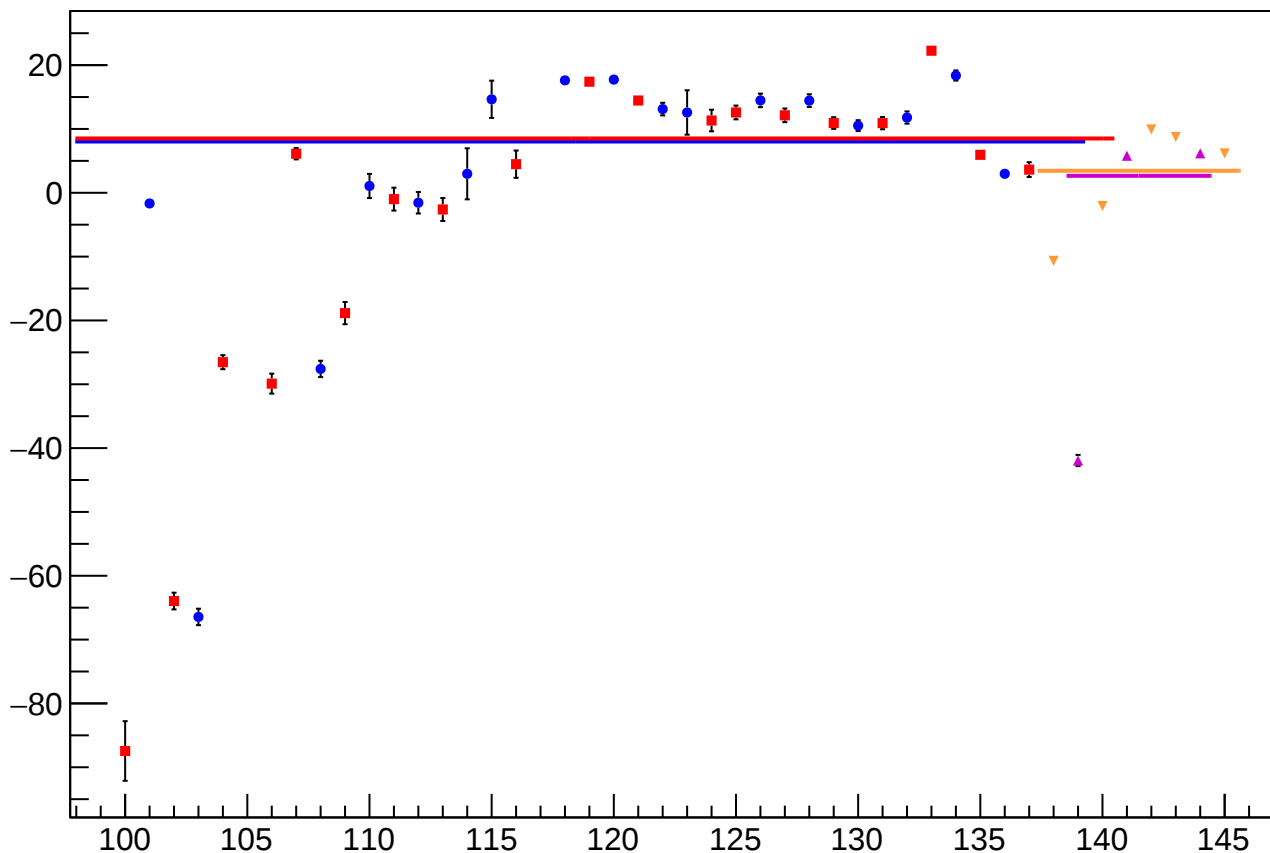
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.919+/-0.275 χ^2/NDF :26.2/2

Out: 10.392+/-0.227 χ^2/NDF :969.3/4

All: 9.390+/-0.175 χ^2/NDF : 1043.6/7

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 3.450 $\pm$ 0.181 χ^2 /NDF:1221.0/4

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 2.659 $\pm$ 0.233 χ^2 /NDF:2765.5/2

Left: 3.152 $\pm$ 0.143 χ^2 /NDF: 3993.8/7

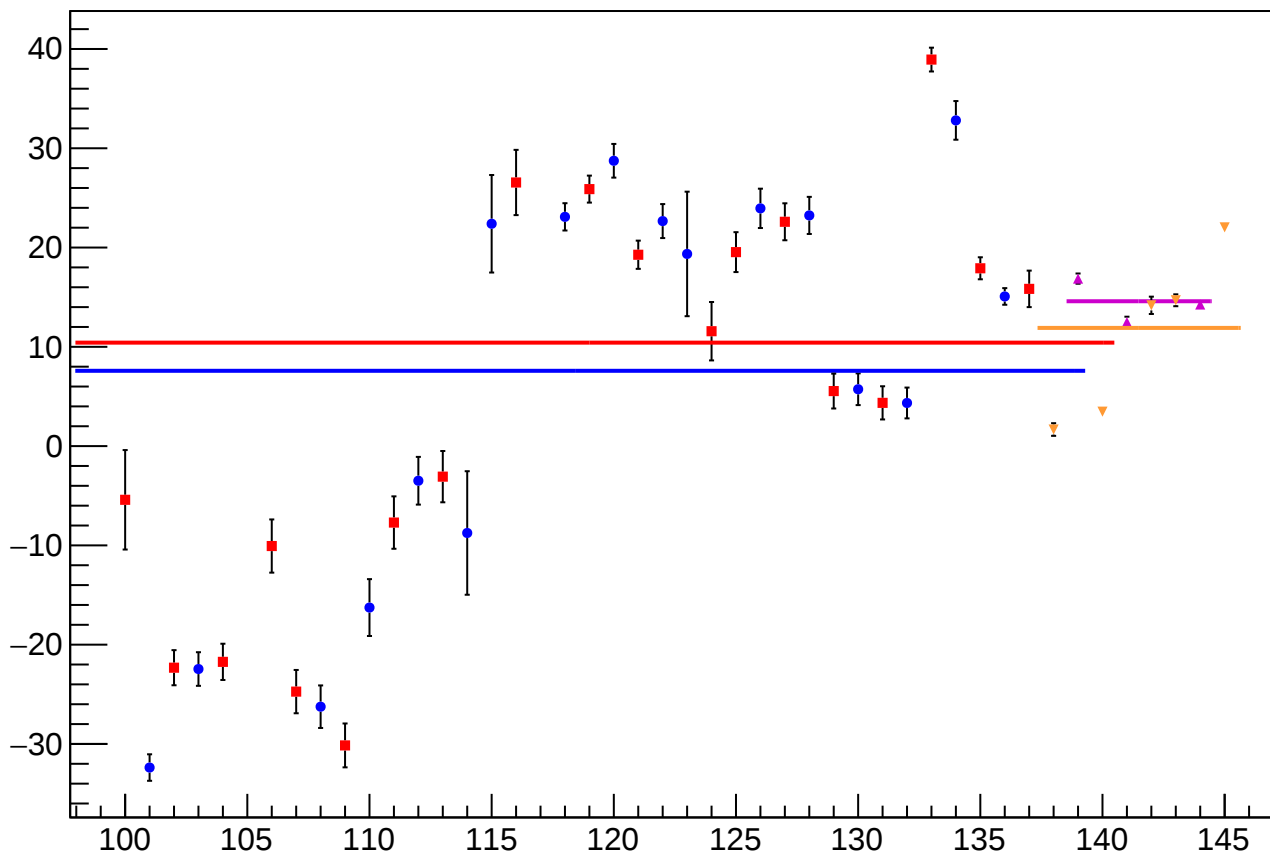
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 5.554 $\pm$ 0.158 χ^2 /NDF:8423.4/19

Out: 5.566 $\pm$ 0.138 χ^2 /NDF:8262.5/23

All: 5.561 $\pm$ 0.104 χ^2 /NDF: 16686.0/43

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 11.906 ± 0.242 χ^2/NDF : 1207.1/4

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 14.591 ± 0.295 χ^2/NDF : 35.2/2

Left: 12.988 ± 0.187 χ^2/NDF : 1291.8/7

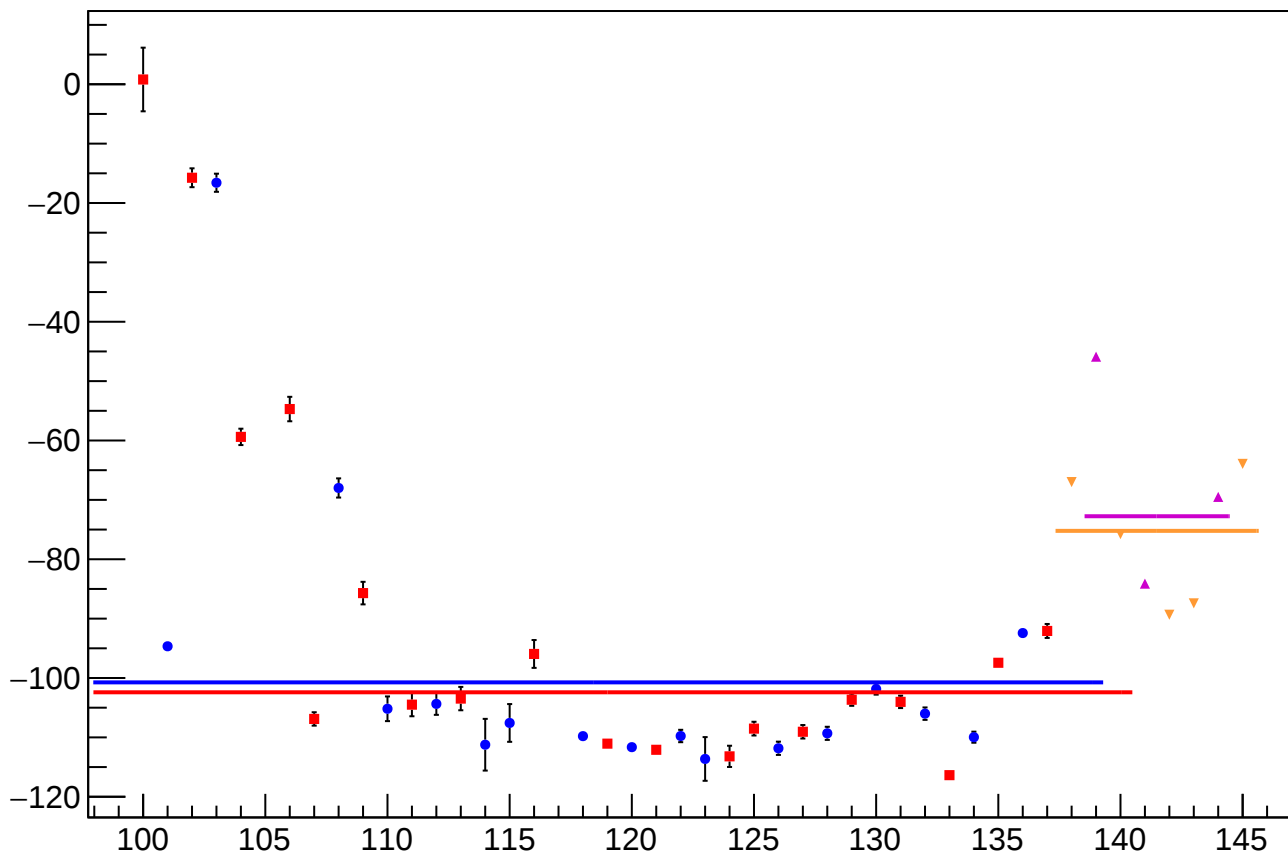
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 12.251 ± 0.241 χ^2/NDF : 2546.6/19

Out: 11.530 ± 0.209 χ^2/NDF : 3506.1/23

All: 11.841 ± 0.158 χ^2/NDF : 6057.8/43

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -75.218+/-0.213 χ^2/NDF : 2238.1/4

Right Out: -102.408+/-0.246 χ^2/NDF : 6088.0/18

Left In: -72.755+/-0.272 χ^2/NDF : 1753.8/2

Left: -74.280+/-0.168 χ^2/NDF : 4042.6/7

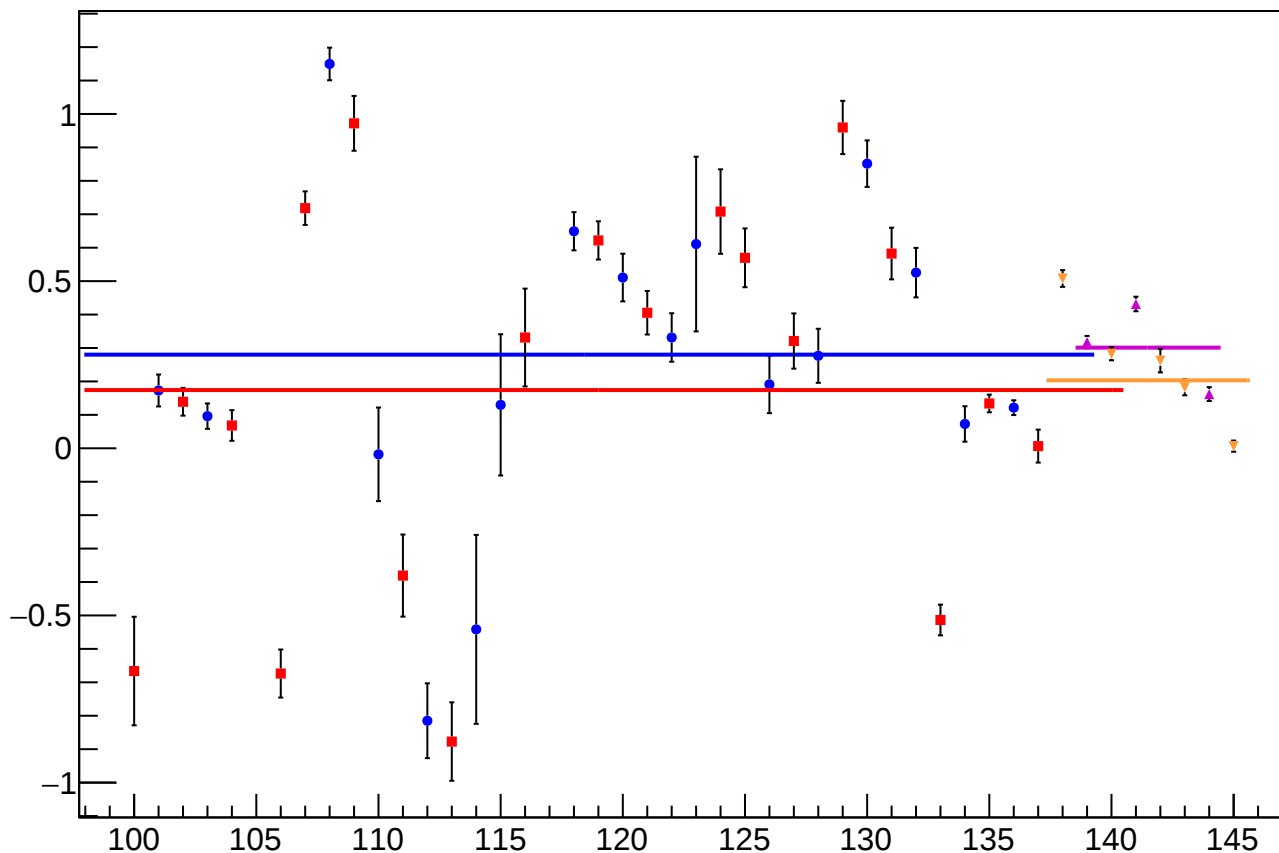
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -88.017+/-0.183 χ^2/NDF : 12046.3/19

Out: -86.899+/-0.161 χ^2/NDF : 15302.6/23

All: -87.386+/-0.121 χ^2/NDF : 27370.0/43

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2/NDF : 656.4/16

Left Out: 0.203 $\pm$ 0.010 χ^2/NDF :308.0/4

Right Out: 0.174 $\pm$ 0.013 χ^2/NDF : 964.1/18

Left In: 0.301 $\pm$ 0.012 χ^2/NDF :81.9/2

Left: 0.244 $\pm$ 0.008 χ^2/NDF : 431.0/7

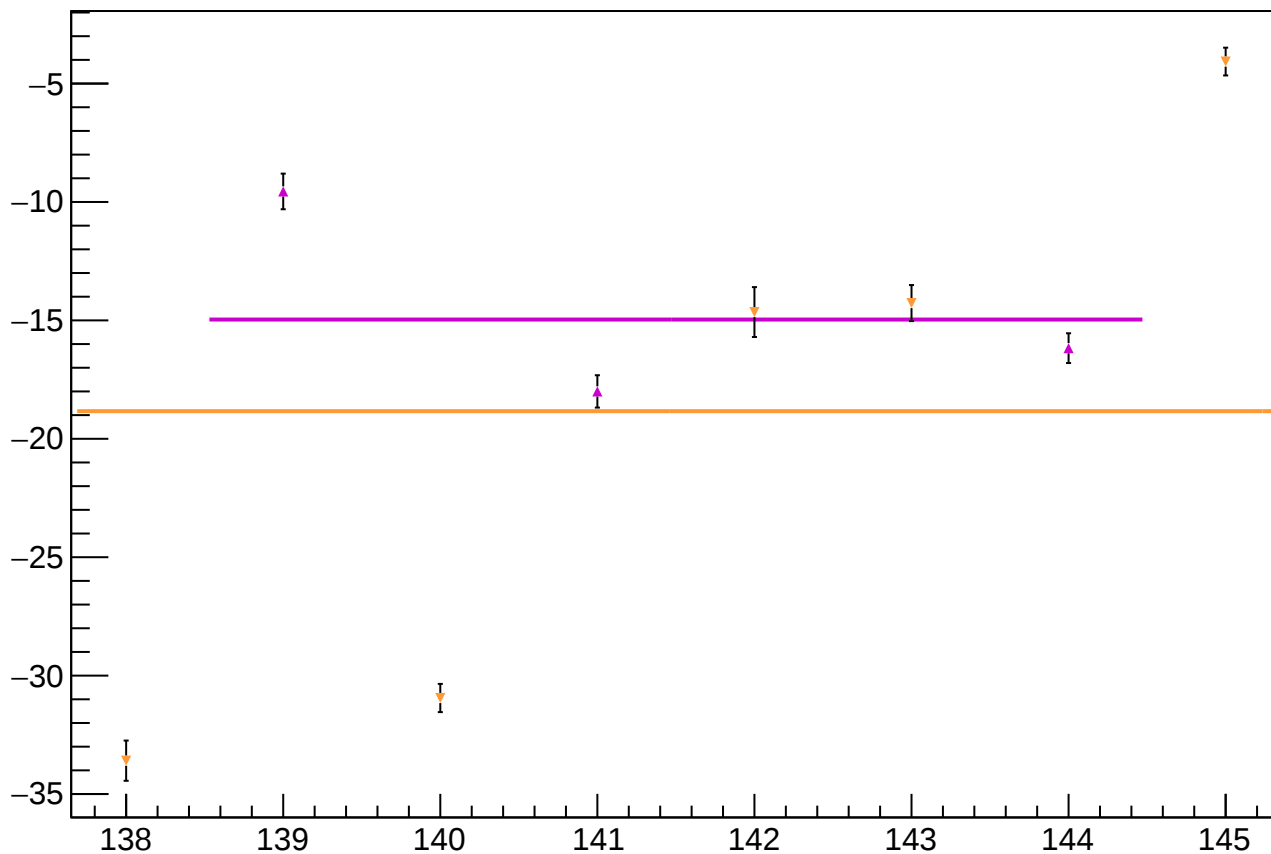
Right: 0.227 $\pm$ 0.010 χ^2/NDF : 1651.4/35

In: 0.292 $\pm$ 0.009 χ^2/NDF :739.6/19

Out: 0.193 $\pm$ 0.008 χ^2/NDF :1275.1/23

All: 0.237 $\pm$ 0.006 χ^2/NDF : 2084.4/43

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.833+/-0.320 χ^2/NDF :1399.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.964+/-0.394 χ^2/NDF :75.2/2

Left: -17.293+/-0.249 χ^2/NDF : 1533.1/7

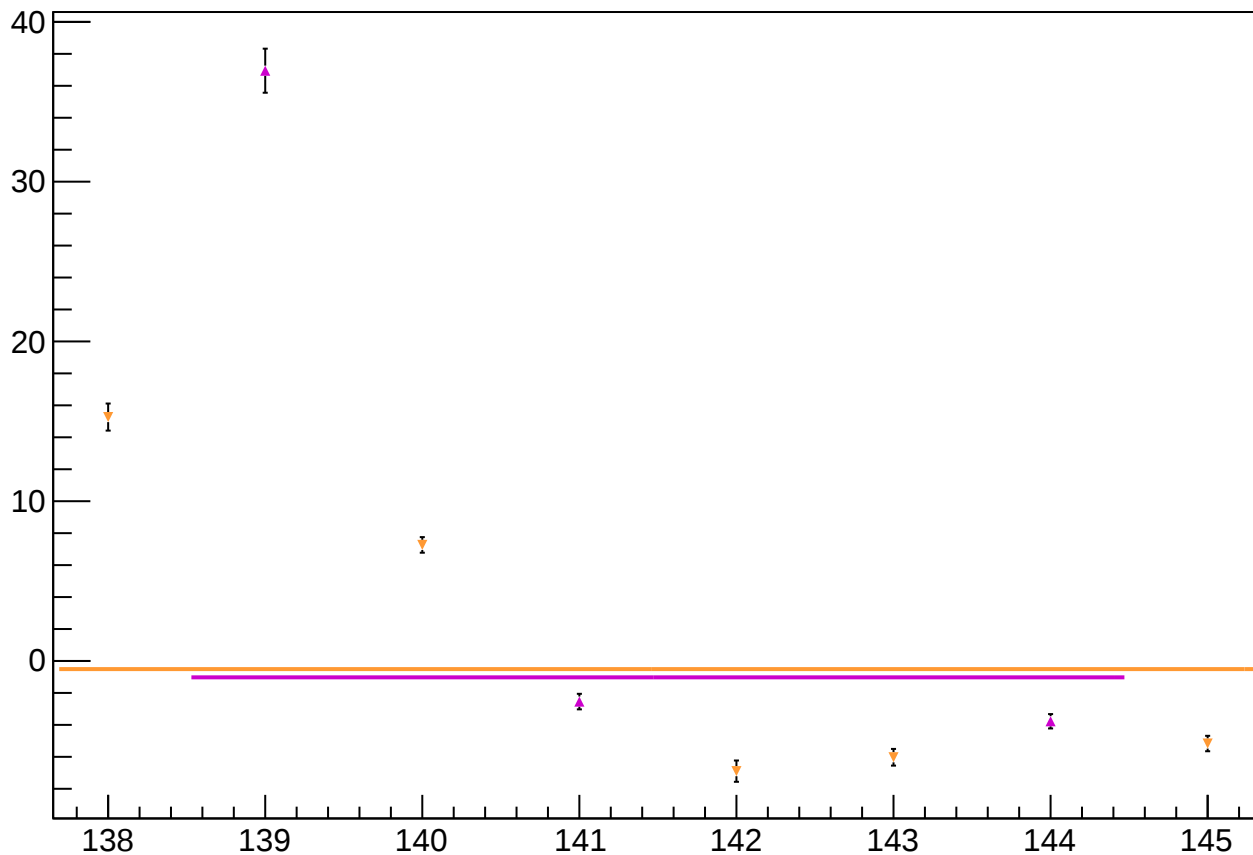
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.964+/-0.394 χ^2/NDF :75.2/2

Out: -18.833+/-0.320 χ^2/NDF :1399.9/4

All: -17.293+/-0.249 χ^2/NDF : 1533.1/7

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.508+/-0.252 χ^2/NDF : 896.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.025+/-0.321 χ^2/NDF : 805.1/2

Left: -0.705+/-0.198 χ^2/NDF : 1702.7/7

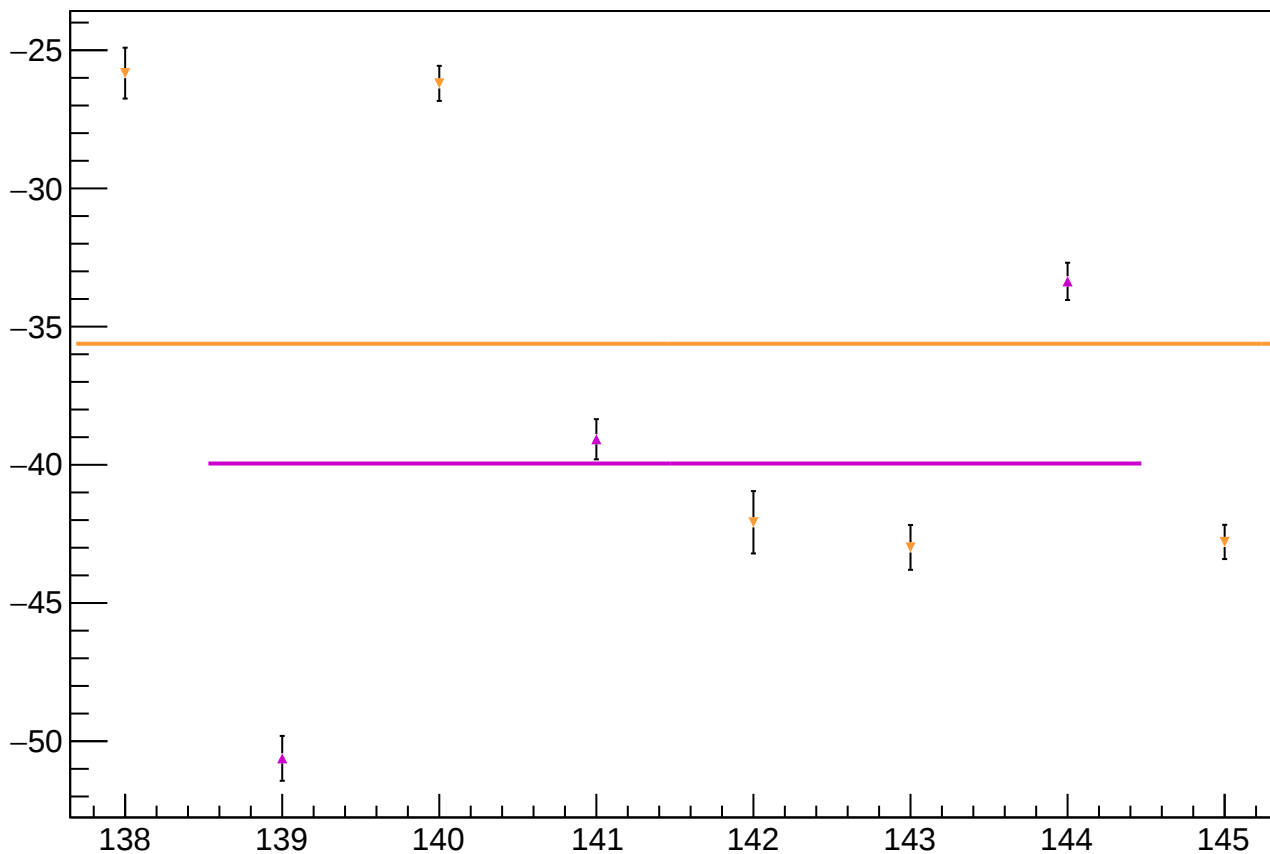
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.025+/-0.321 χ^2/NDF : 805.1/2

Out: -0.508+/-0.252 χ^2/NDF : 896.0/4

All: -0.705+/-0.198 χ^2/NDF : 1702.7/7

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -35.620 ± 0.342 χ^2/NDF : 582.1/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -39.953 ± 0.422 χ^2/NDF : 269.6/2

Left: -37.335 ± 0.266 χ^2/NDF : 915.4/7

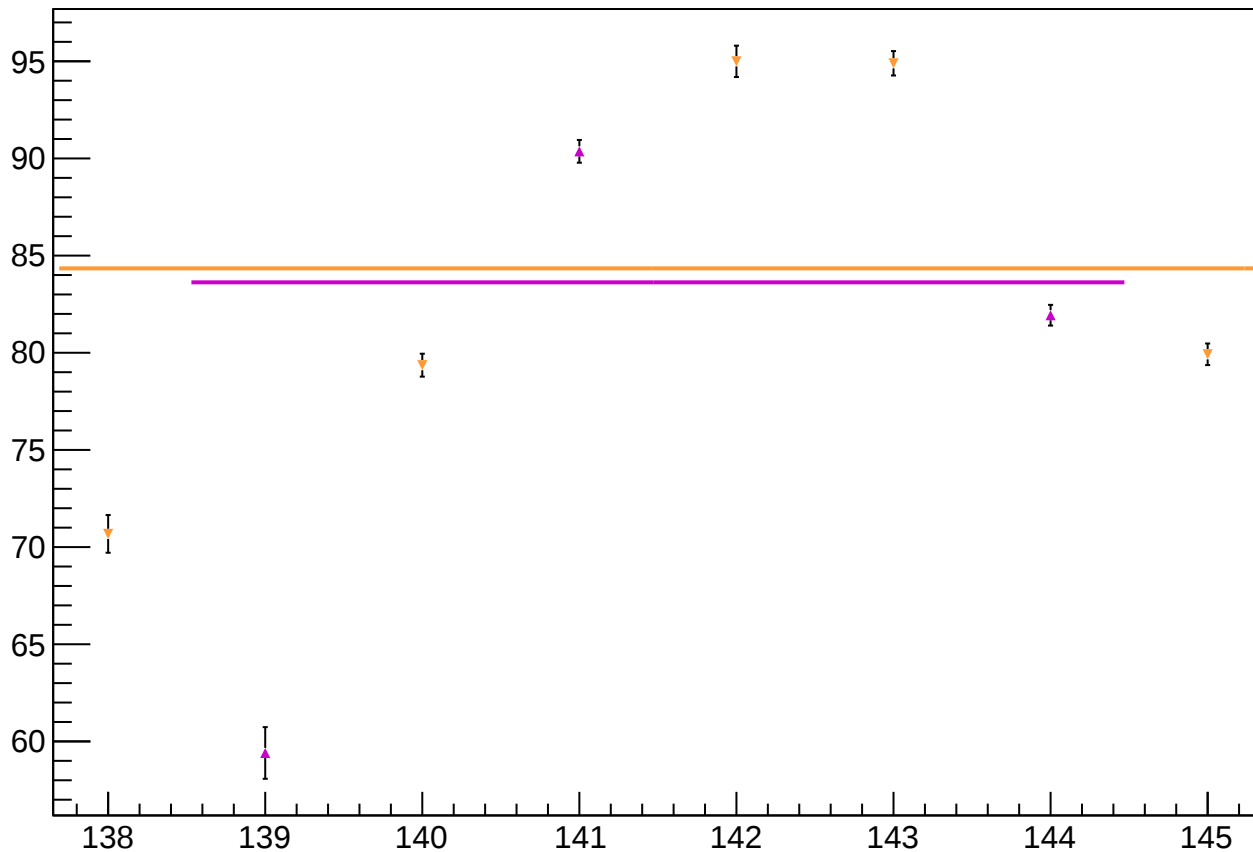
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -39.953 ± 0.422 χ^2/NDF : 269.6/2

Out: -35.620 ± 0.342 χ^2/NDF : 582.1/4

All: -37.335 ± 0.266 χ^2/NDF : 915.4/7

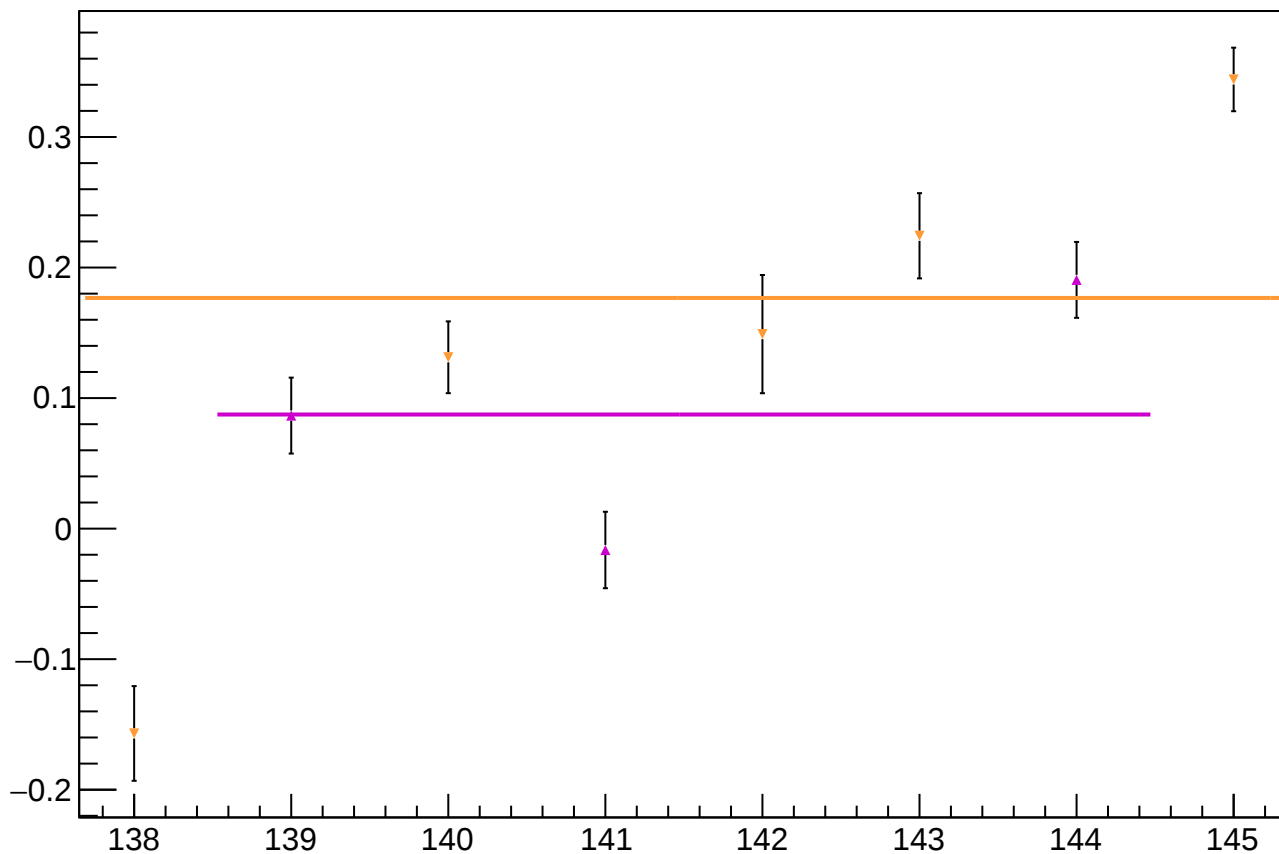
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.343+/-0.298 χ^2/NDF : 789.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.624+/-0.378 χ^2/NDF : 474.4/2

Left: 84.067+/-0.234 χ^2/NDF : 1266.5/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.624+/-0.378 χ^2/NDF : 474.4/2
 Out: 84.343+/-0.298 χ^2/NDF : 789.8/4
 All: 84.067+/-0.234 χ^2/NDF : 1266.5/7

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.177+/-0.014 χ^2/NDF :137.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.087+/-0.017 χ^2/NDF :25.2/2

Left: 0.141+/-0.011 χ^2/NDF : 179.0/7

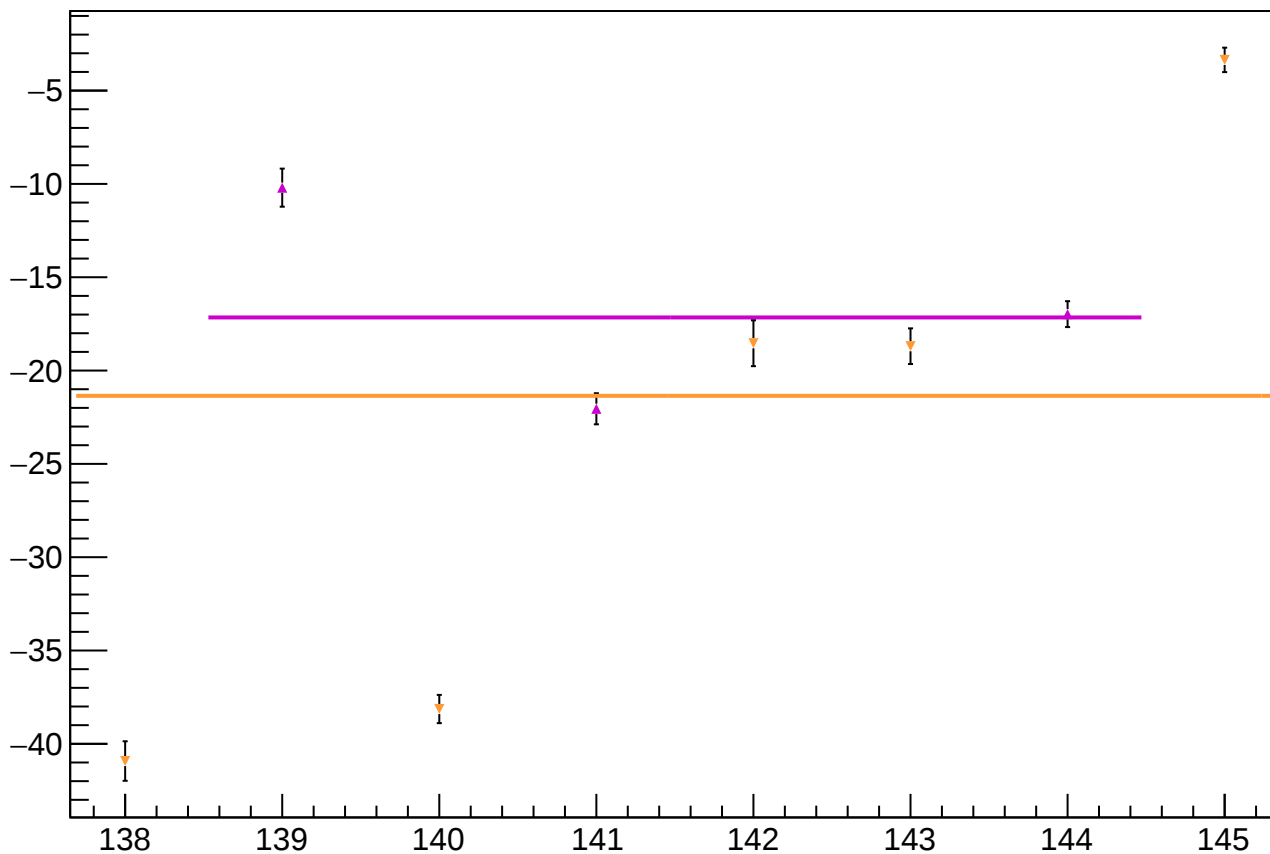
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.087+/-0.017 χ^2/NDF :25.2/2

Out: 0.177+/-0.014 χ^2/NDF :137.1/4

All: 0.141+/-0.011 χ^2/NDF : 179.0/7

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.355+/-0.386 χ^2/NDF :1601.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.154+/-0.473 χ^2/NDF :81.0/2

Left: -19.676+/-0.299 χ^2/NDF : 1730.2/7

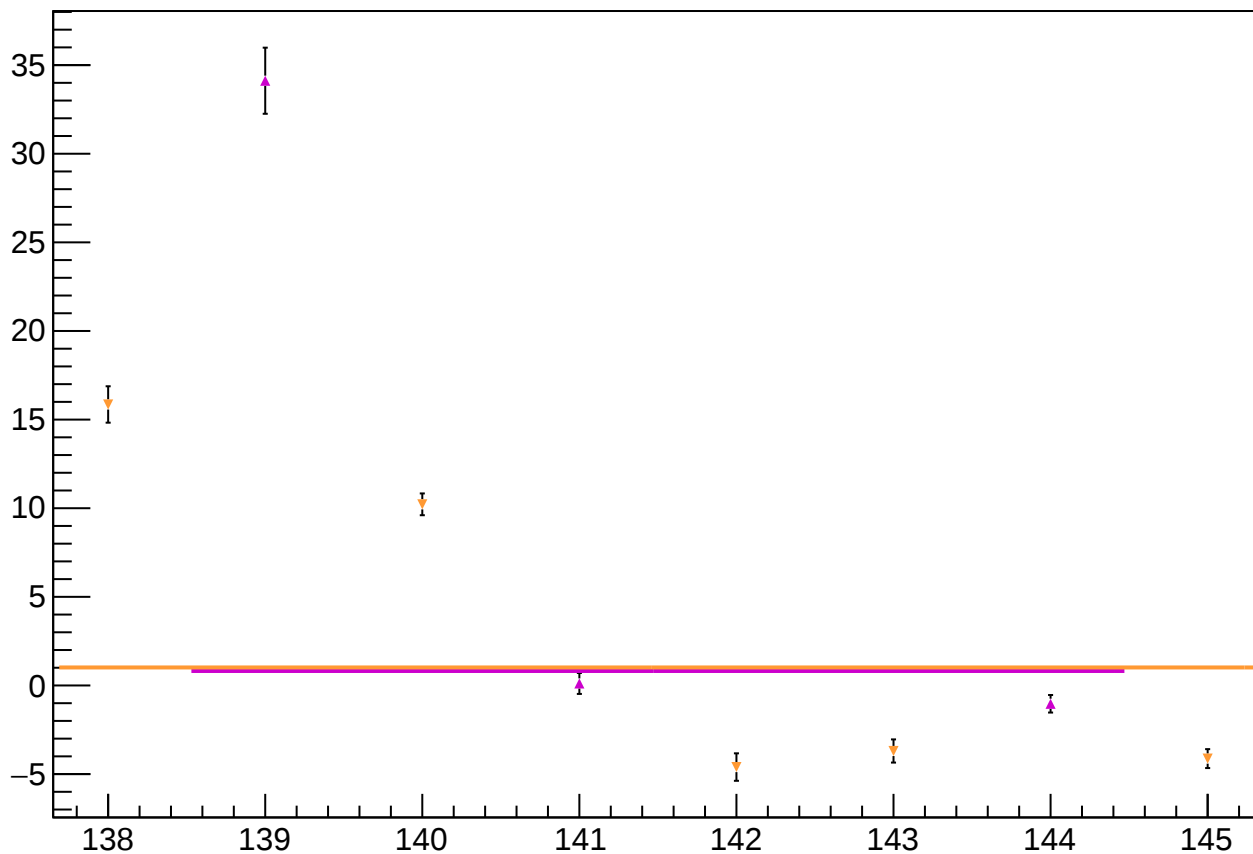
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.154+/-0.473 χ^2/NDF :81.0/2

Out: -21.355+/-0.386 χ^2/NDF :1601.8/4

All: -19.676+/-0.299 χ^2/NDF : 1730.2/7

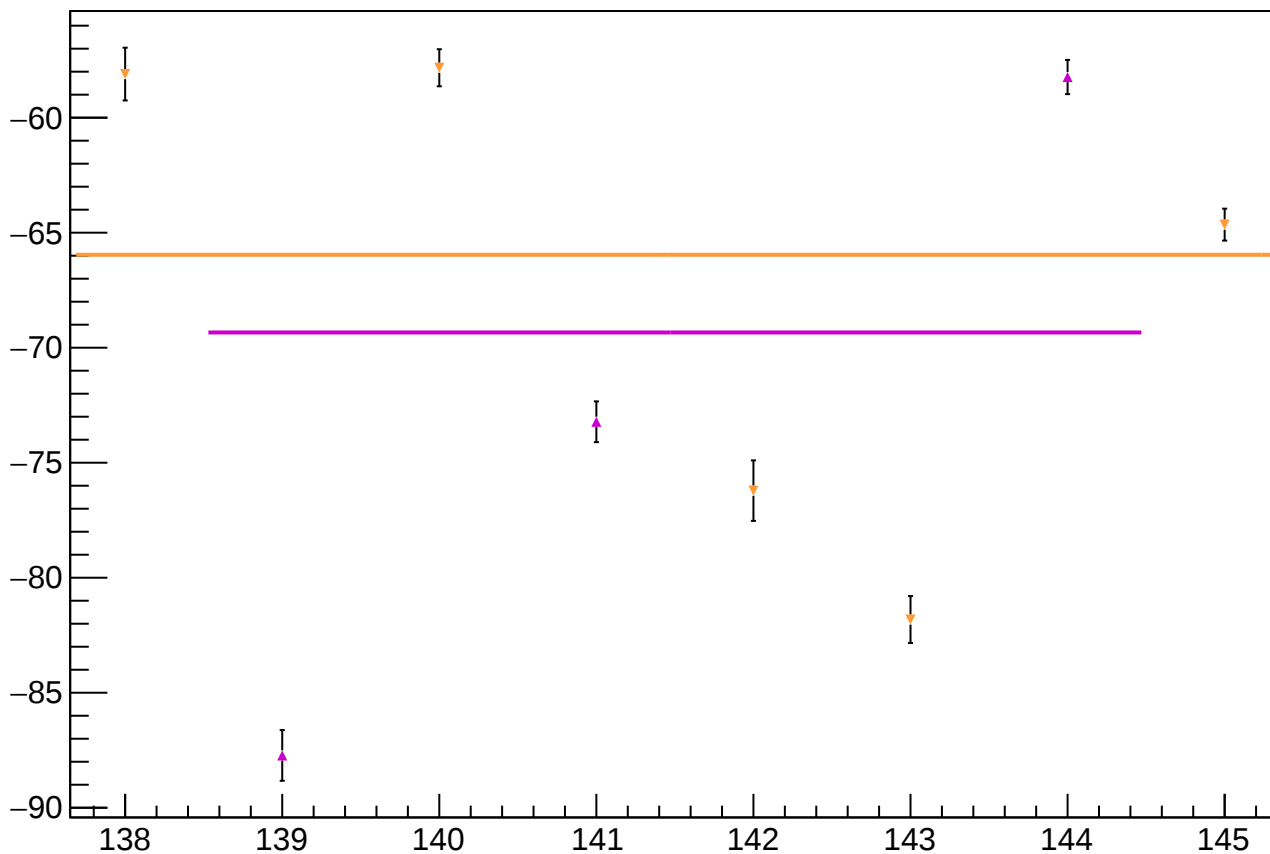
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.016+/-0.300 χ^2/NDF :630.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.817+/-0.372 χ^2/NDF :334.3/2

Left: 0.937+/-0.233 χ^2/NDF : 964.9/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.817+/-0.372 χ^2/NDF :334.3/2
 Out: 1.016+/-0.300 χ^2/NDF :630.4/4
 All: 0.937+/-0.233 χ^2/NDF : 964.9/7

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -65.959 ± 0.411 χ^2/NDF : 455.2/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -69.337 ± 0.506 χ^2/NDF : 520.7/2

Left: -67.302 ± 0.319 χ^2/NDF : 1002.7/7

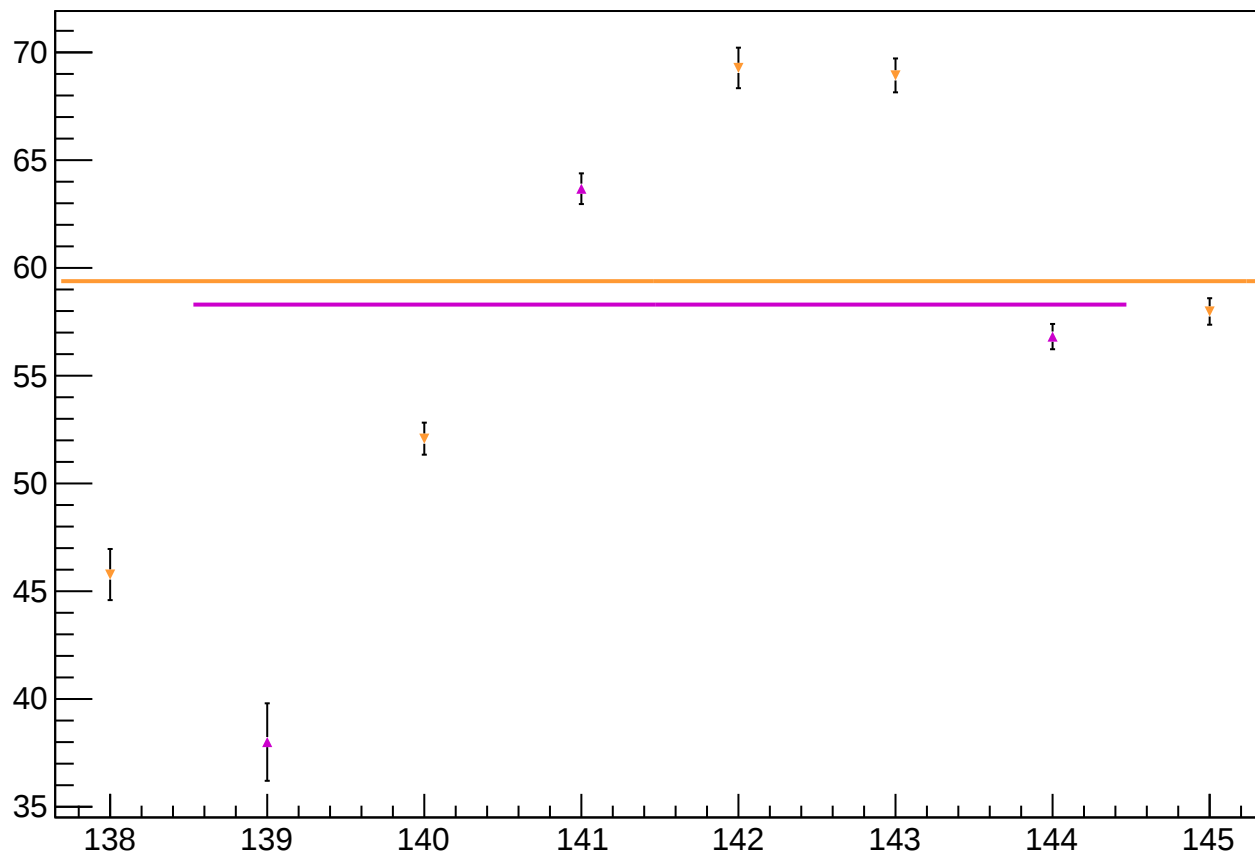
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -69.337 ± 0.506 χ^2/NDF : 520.7/2

Out: -65.959 ± 0.411 χ^2/NDF : 455.2/4

All: -67.302 ± 0.319 χ^2/NDF : 1002.7/7

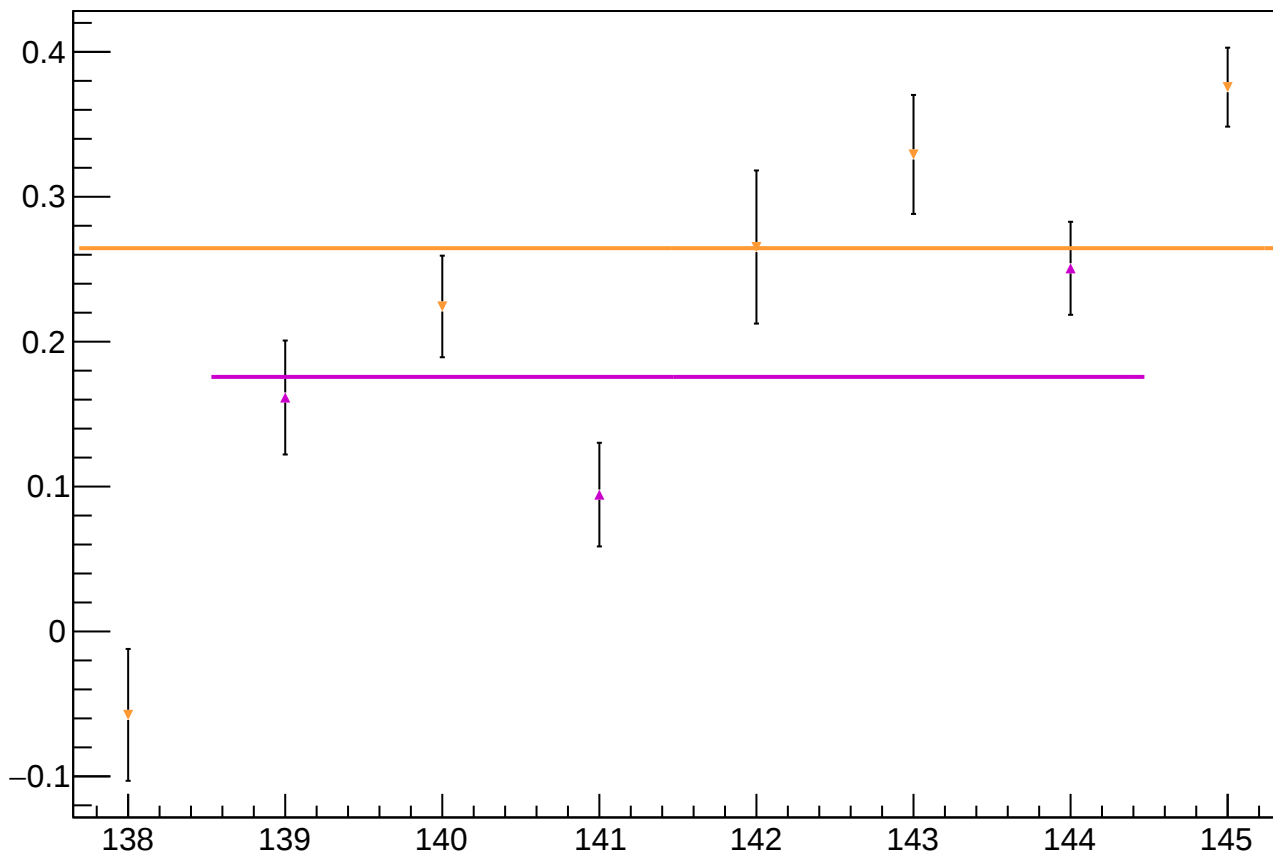
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 59.386+/-0.355 χ^2/NDF :491.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 58.299+/-0.439 χ^2/NDF :190.9/2

Left: 58.956+/-0.276 χ^2/NDF : 686.5/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 58.299+/-0.439 χ^2/NDF :190.9/2
 Out: 59.386+/-0.355 χ^2/NDF :491.9/4
 All: 58.956+/-0.276 χ^2/NDF : 686.5/7

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.265+/-0.017 χ^2/NDF : 70.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.176+/-0.020 χ^2/NDF : 10.7/2

Left: 0.229+/-0.013 χ^2/NDF : 92.6/7

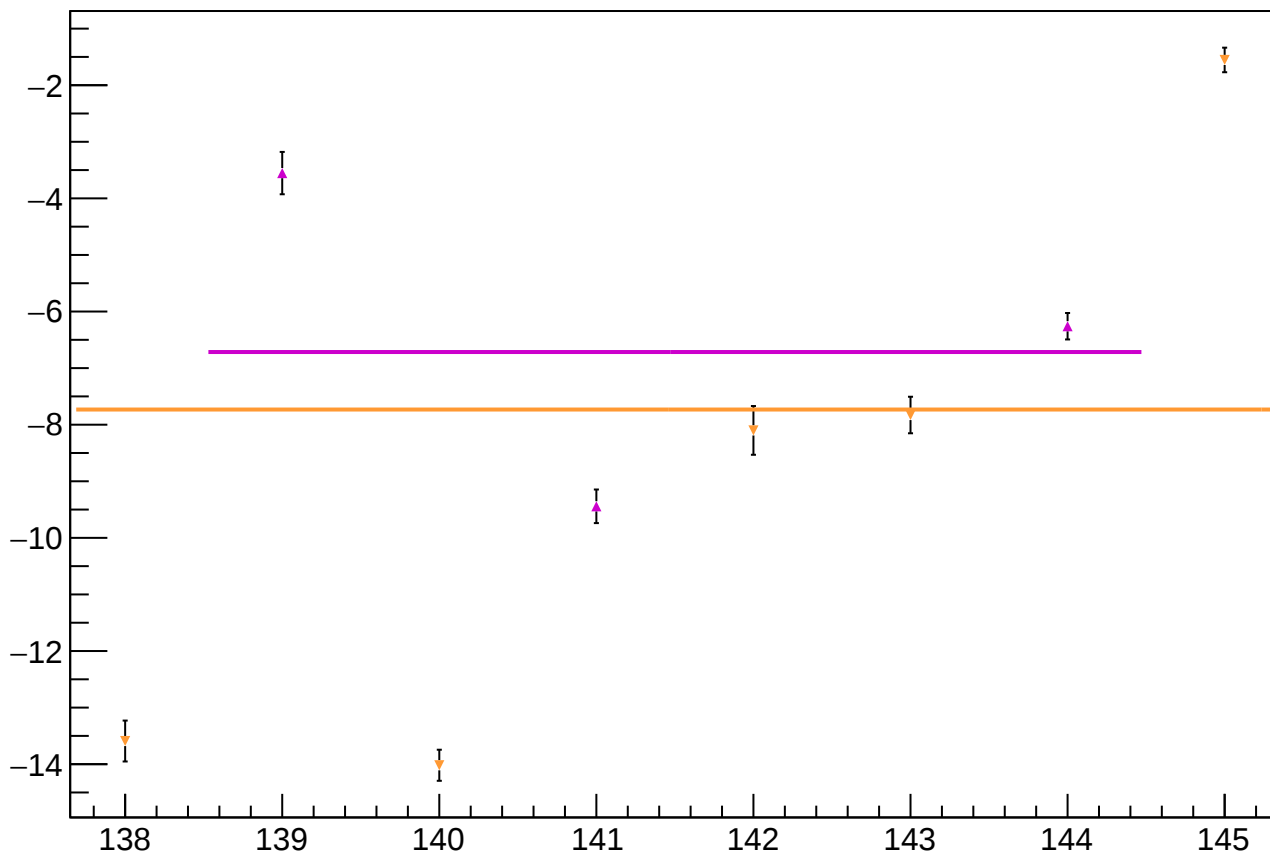
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.176+/-0.020 χ^2/NDF : 10.7/2

Out: 0.265+/-0.017 χ^2/NDF : 70.5/4

All: 0.229+/-0.013 χ^2/NDF : 92.6/7

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -7.732+/-0.132 χ^2/NDF :1598.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.716+/-0.165 χ^2/NDF :159.6/2

Left: -7.334+/-0.103 χ^2/NDF : 1780.8/7

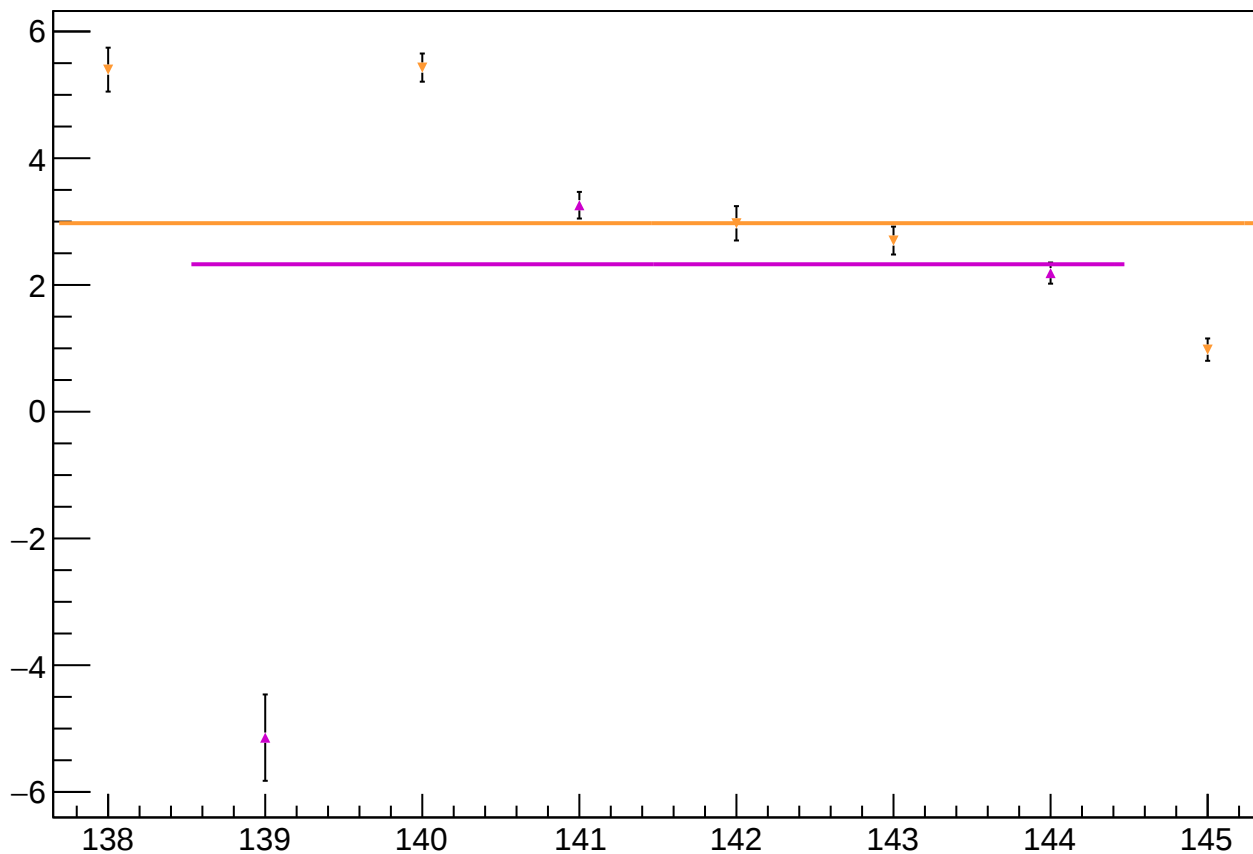
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.716+/-0.165 χ^2/NDF :159.6/2

Out: -7.732+/-0.132 χ^2/NDF :1598.1/4

All: -7.334+/-0.103 χ^2/NDF : 1780.8/7

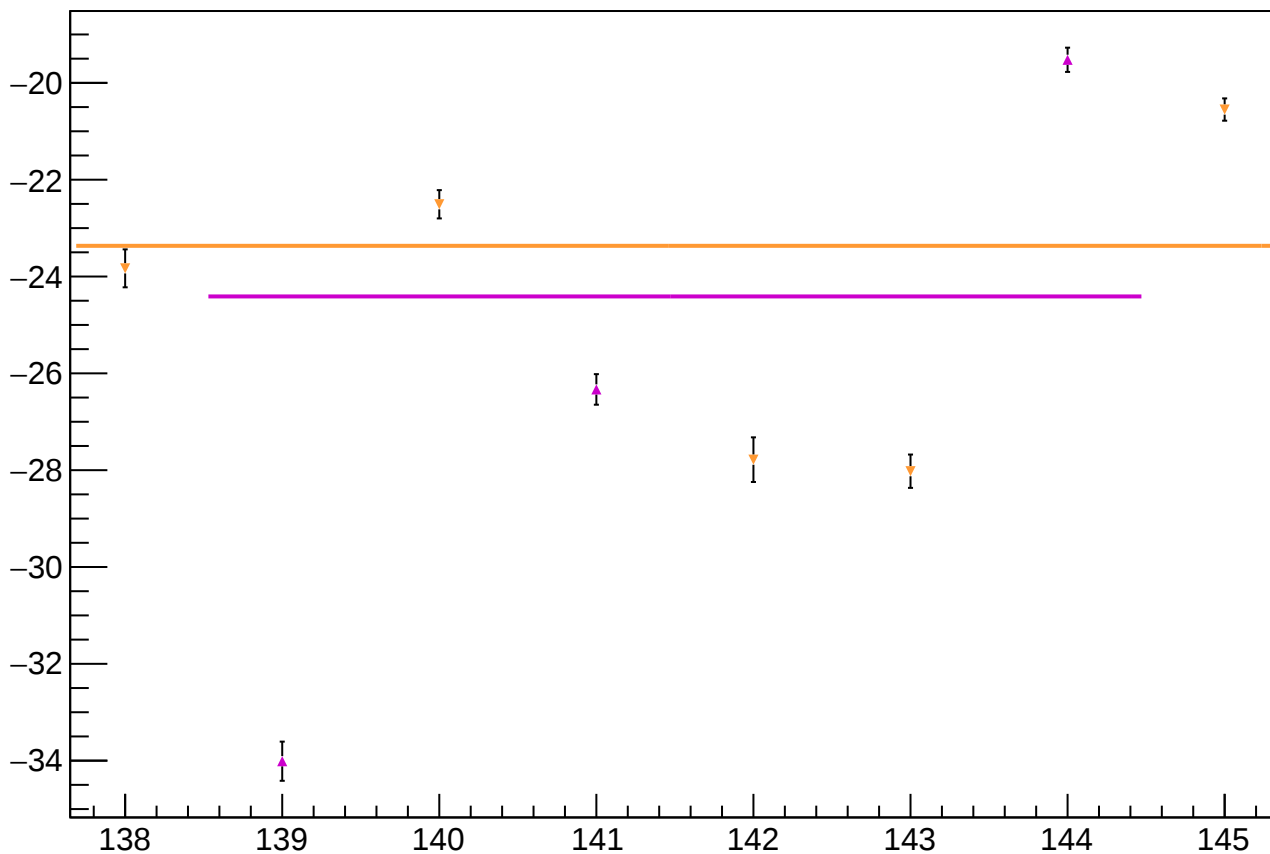
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.975 $\pm$ 0.103 χ^2 /NDF:300.4/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.327 $\pm$ 0.128 χ^2 /NDF:140.6/2

Left: 2.722 $\pm$ 0.080 χ^2 /NDF: 456.6/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.327 $\pm$ 0.128 χ^2 /NDF:140.6/2
 Out: 2.975 $\pm$ 0.103 χ^2 /NDF:300.4/4
 All: 2.722 $\pm$ 0.080 χ^2 /NDF: 456.6/7

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.366+/-0.141 χ^2/NDF :434.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.411+/-0.177 χ^2/NDF :981.0/2

Left: -23.773+/-0.110 χ^2/NDF : 1436.4/7

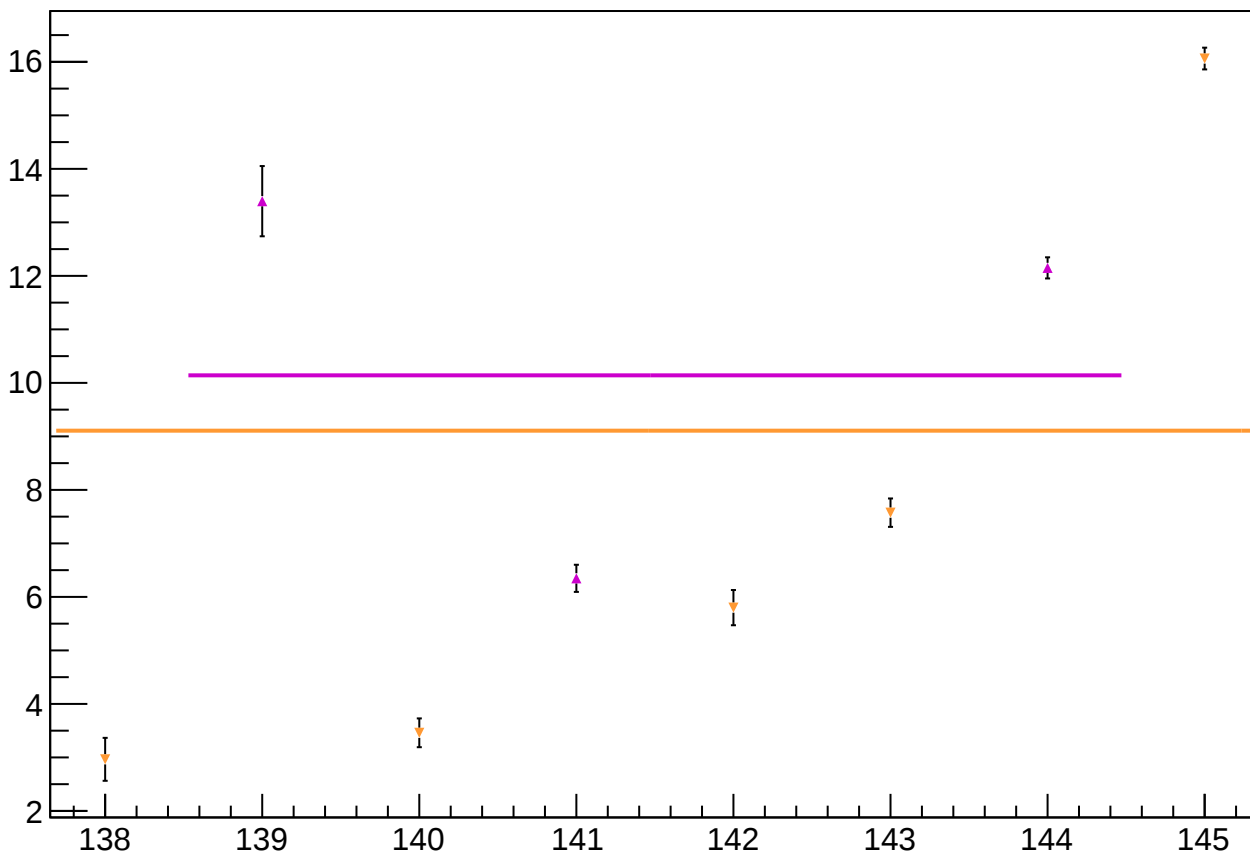
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.411+/-0.177 χ^2/NDF :981.0/2

Out: -23.366+/-0.141 χ^2/NDF :434.0/4

All: -23.773+/-0.110 χ^2/NDF : 1436.4/7

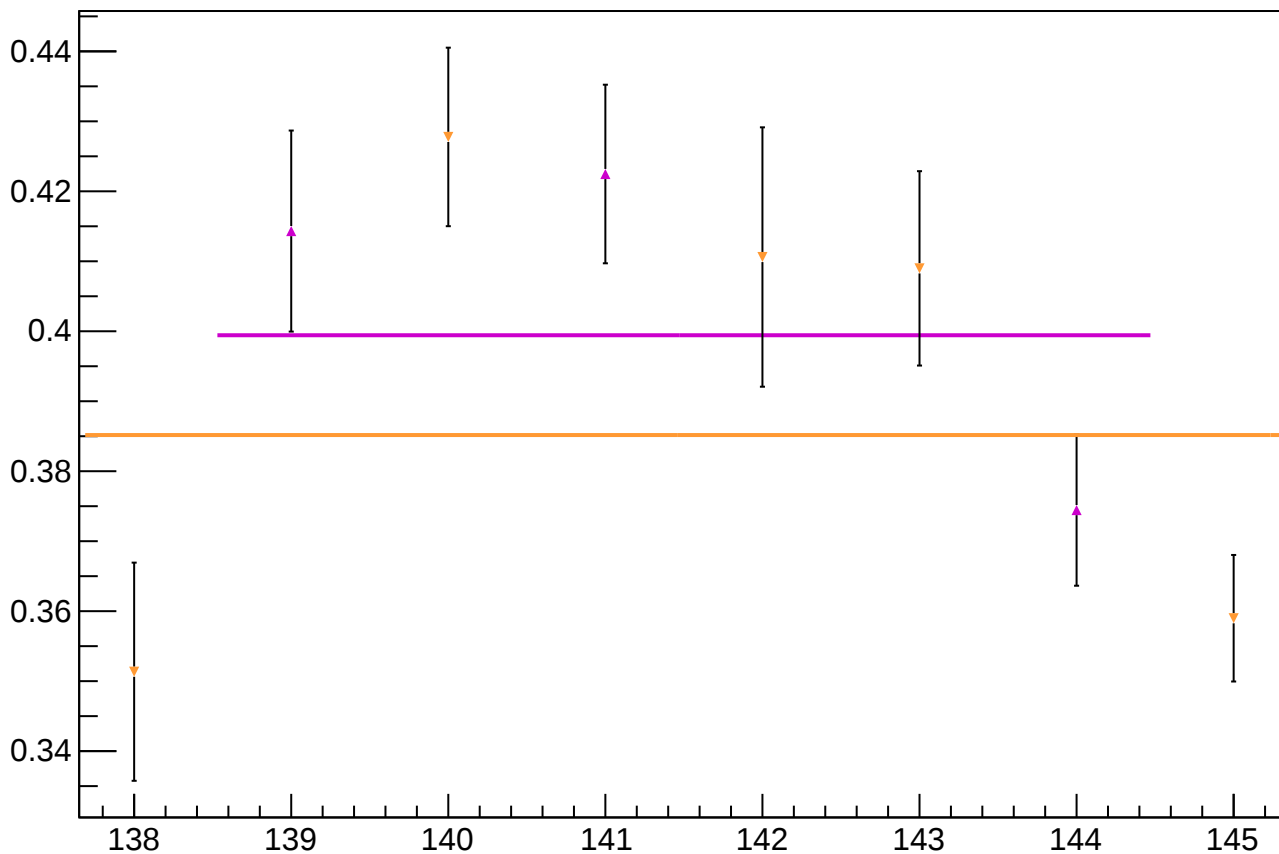
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.107+/-0.122 χ^2/NDF :1980.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.141+/-0.152 χ^2/NDF :351.6/2

Left: 9.511+/-0.095 χ^2/NDF : 2360.4/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.141+/-0.152 χ^2/NDF :351.6/2
 Out: 9.107+/-0.122 χ^2/NDF :1980.4/4
 All: 9.511+/-0.095 χ^2/NDF : 2360.4/7

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.385 $\pm$ 0.006 χ^2 /NDF:29.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Left: 0.391 $\pm$ 0.004 χ^2 /NDF: 41.2/7

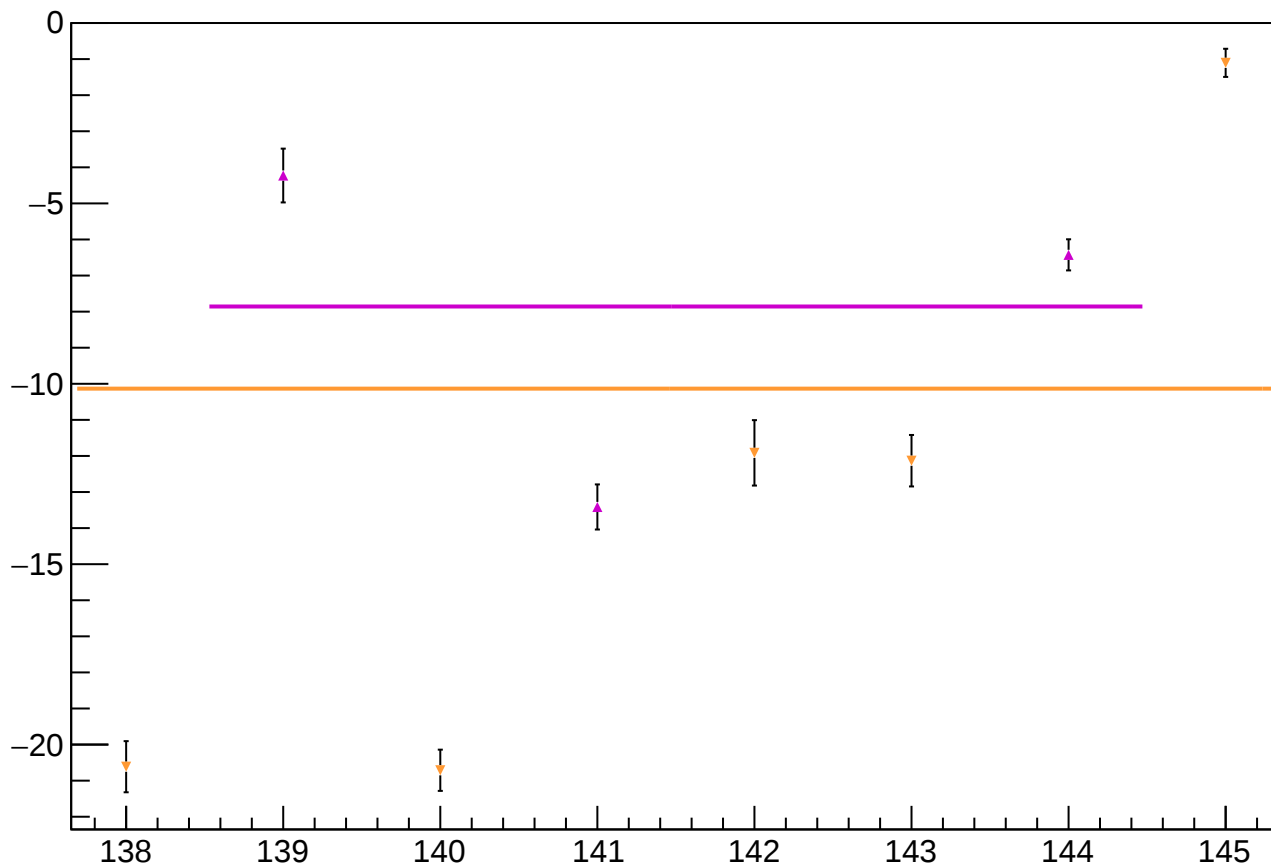
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Out: 0.385 $\pm$ 0.006 χ^2 /NDF:29.1/4

All: 0.391 $\pm$ 0.004 χ^2 /NDF: 41.2/7

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.134+/-0.260 χ^2/NDF :1109.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.858+/-0.321 χ^2/NDF :113.7/2

Left: -9.231+/-0.202 χ^2/NDF : 1253.2/7

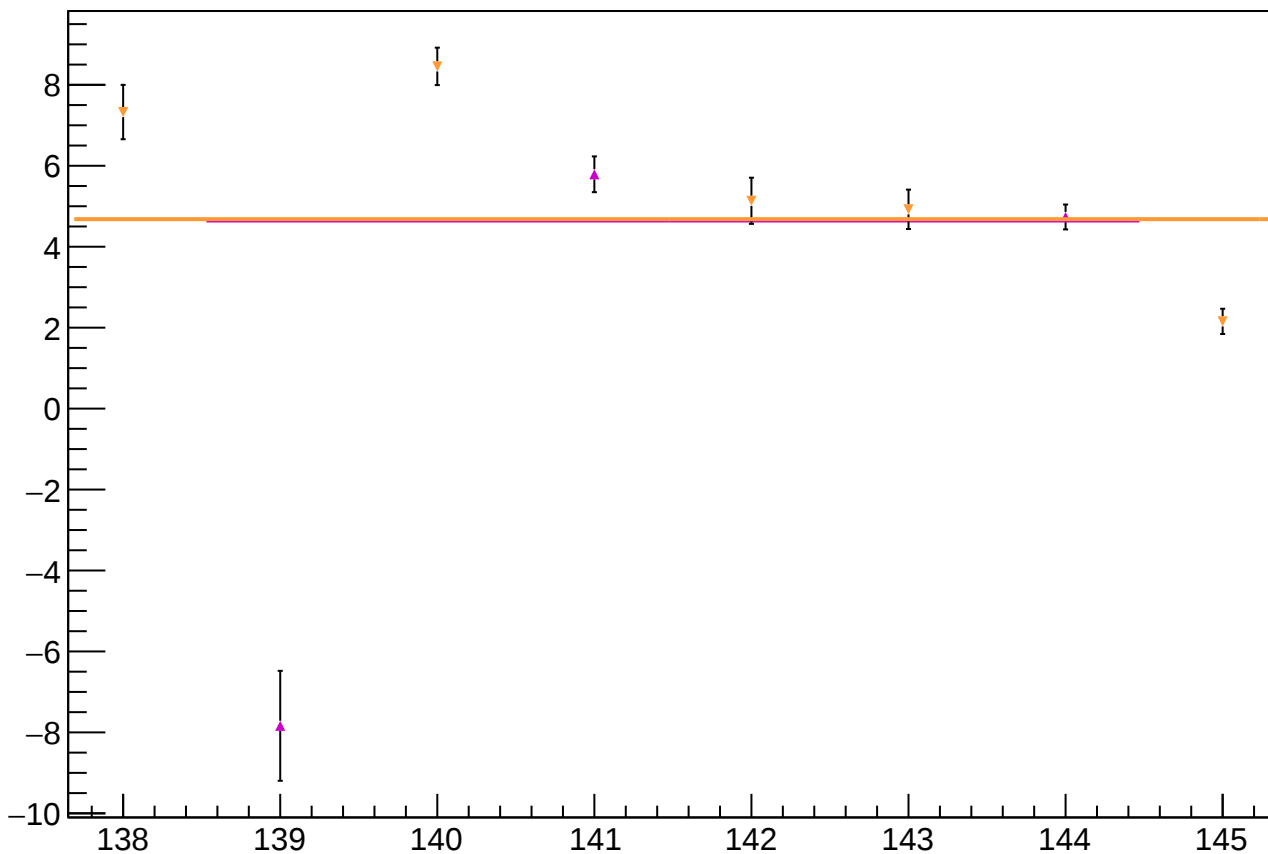
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.858+/-0.321 χ^2/NDF :113.7/2

Out: -10.134+/-0.260 χ^2/NDF :1109.0/4

All: -9.231+/-0.202 χ^2/NDF : 1253.2/7

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4.682+/-0.202 χ^2/NDF :148.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.648+/-0.248 χ^2/NDF :91.2/2

Left: 4.668+/-0.157 χ^2/NDF : 239.8/7

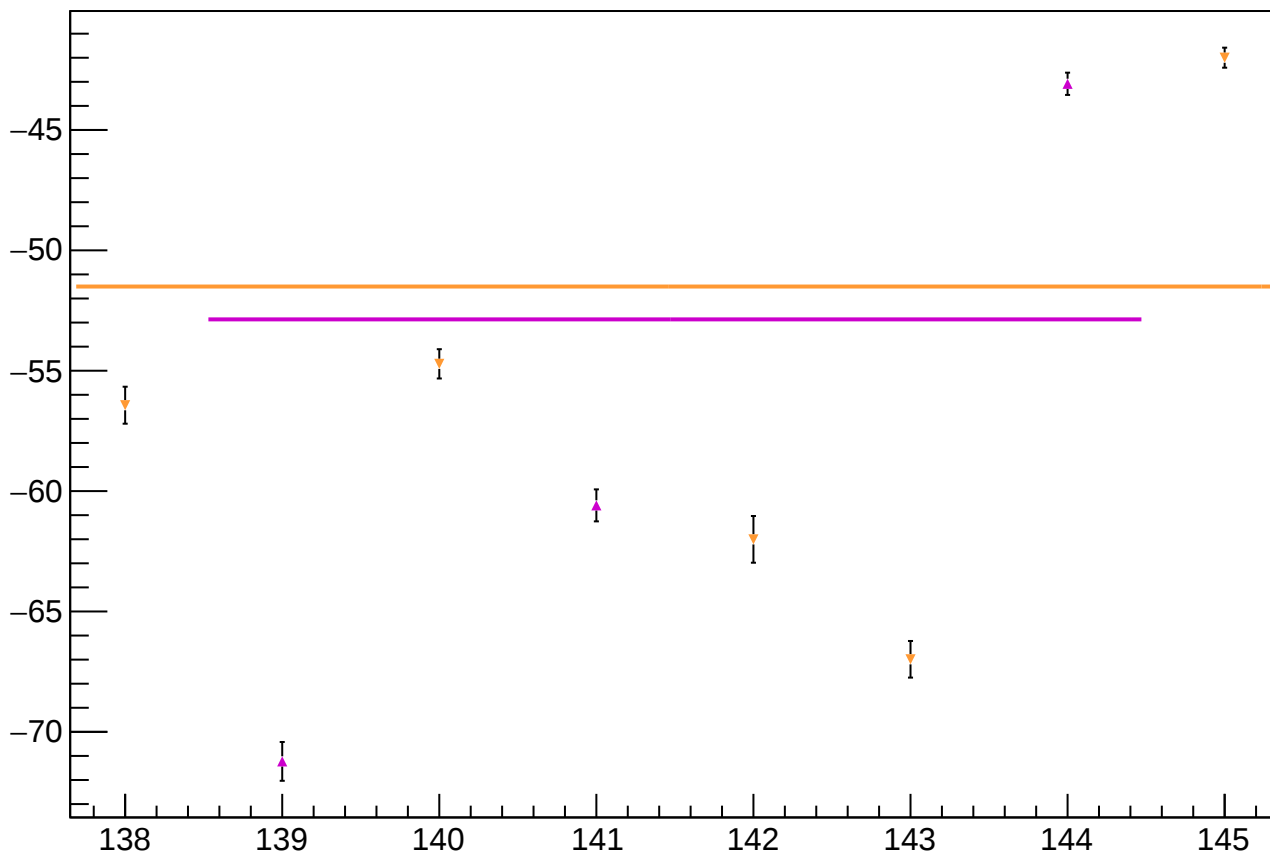
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.648+/-0.248 χ^2/NDF :91.2/2

Out: 4.682+/-0.202 χ^2/NDF :148.6/4

All: 4.668+/-0.157 χ^2/NDF : 239.8/7

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.503+/-0.278 χ^2/NDF :1122.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.867+/-0.343 χ^2/NDF :1101.7/2

Left: -52.042+/-0.216 χ^2/NDF : 2234.2/7

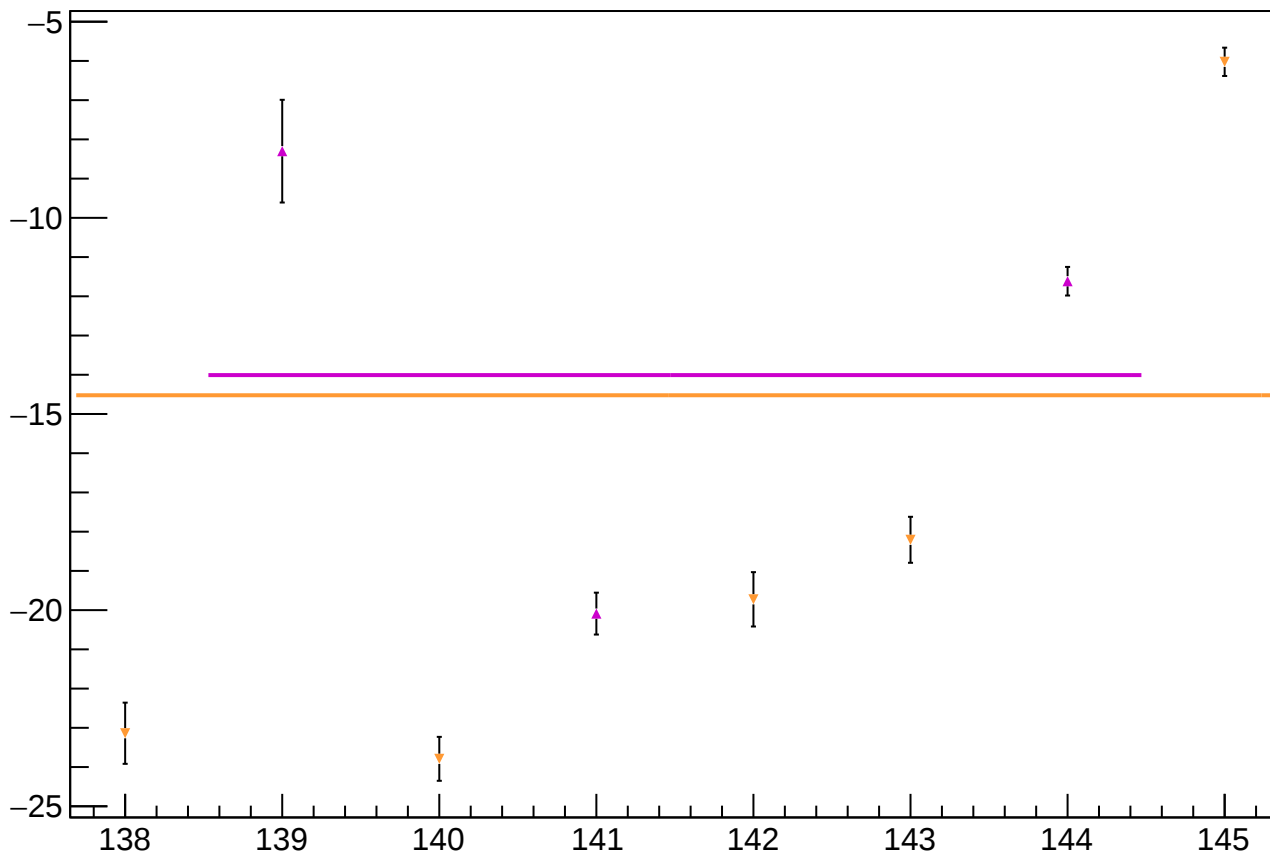
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.867+/-0.343 χ^2/NDF :1101.7/2

Out: -51.503+/-0.278 χ^2/NDF :1122.9/4

All: -52.042+/-0.216 χ^2/NDF : 2234.2/7

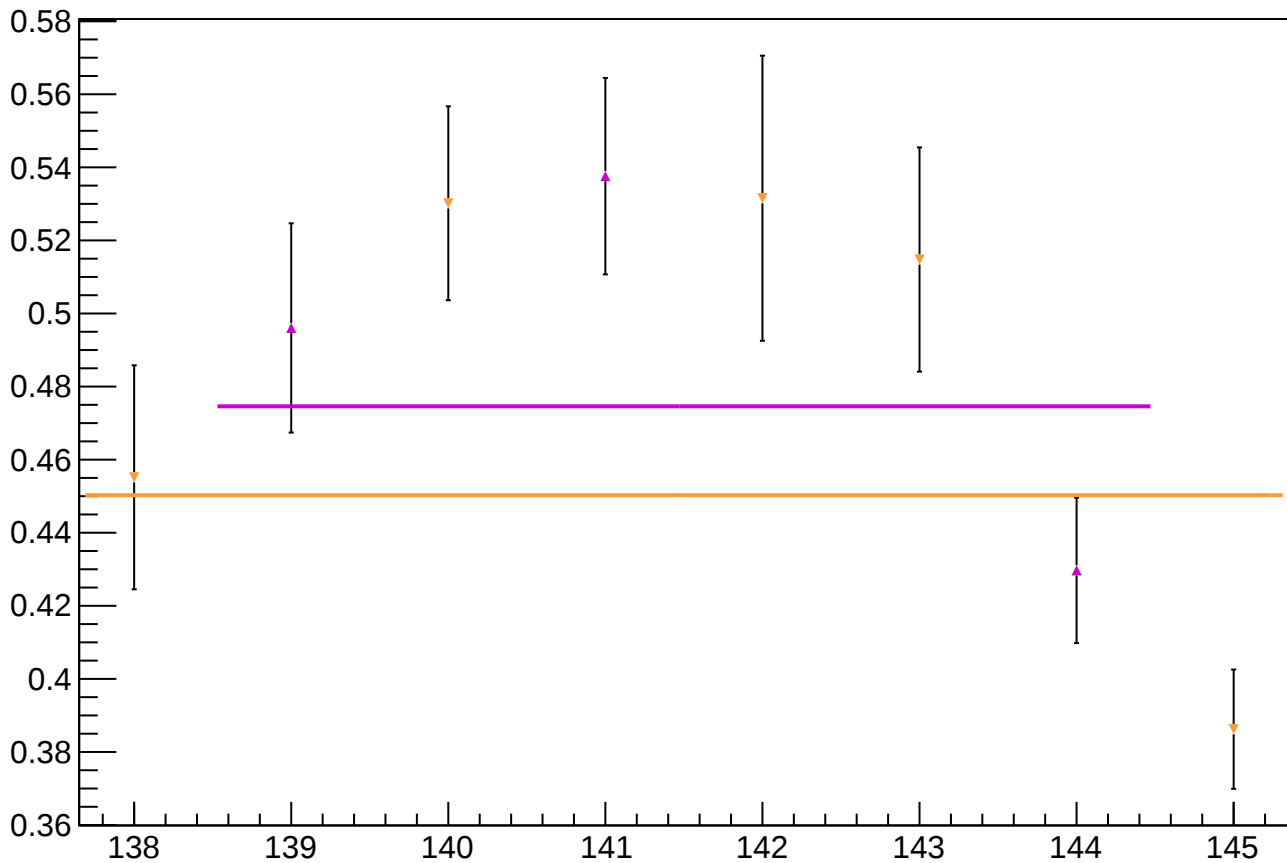
reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -14.522 ± 0.239 $\chi^2/\text{NDF}: 1046.6/4$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.009 ± 0.293 $\chi^2/\text{NDF}: 191.8/2$

Left: -14.318 ± 0.185 $\chi^2/\text{NDF}: 1240.2/7$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -14.009 ± 0.293 $\chi^2/\text{NDF}: 191.8/2$
 Out: -14.522 ± 0.239 $\chi^2/\text{NDF}: 1046.6/4$
 All: -14.318 ± 0.185 $\chi^2/\text{NDF}: 1240.2/7$

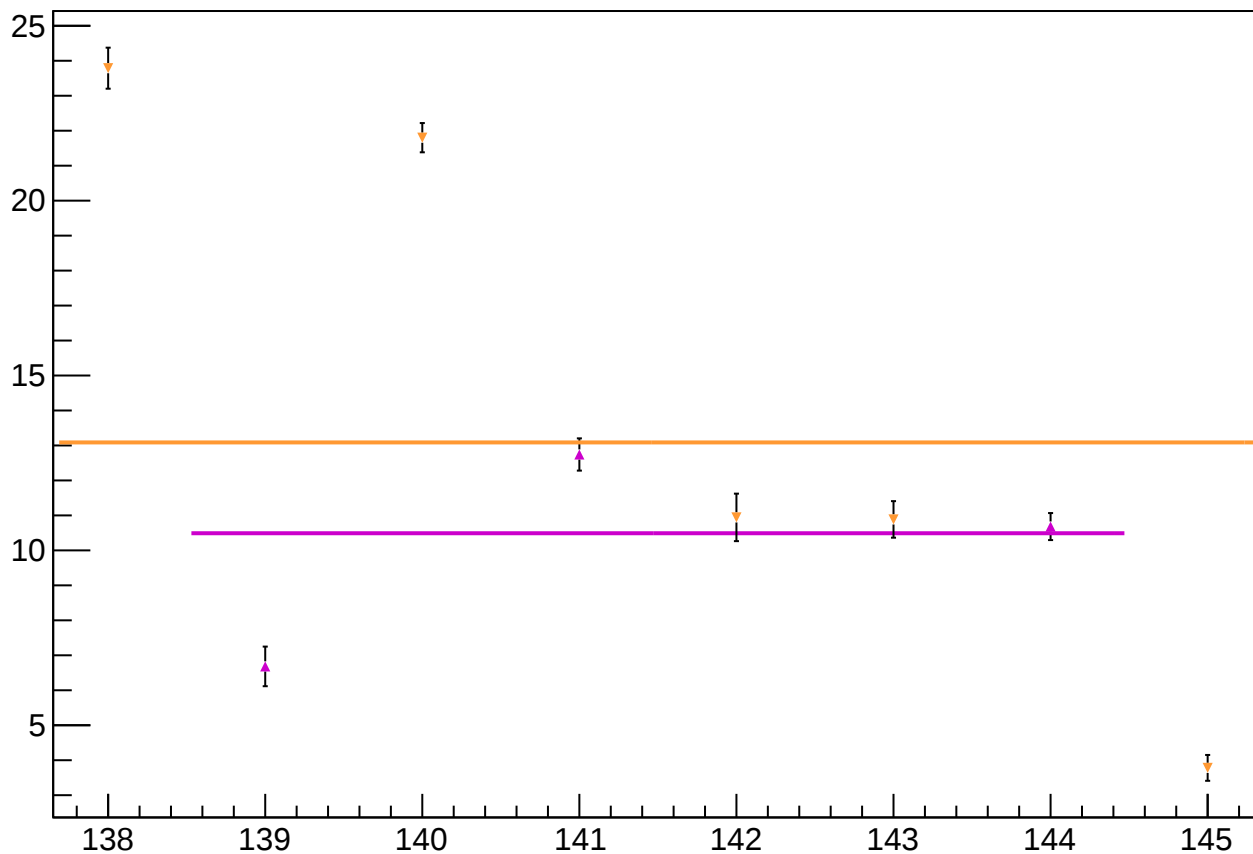
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.450 $\pm$ 0.011 χ^2 /NDF:33.2/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.475 $\pm$ 0.014 χ^2 /NDF:11.1/2

Left: 0.460 $\pm$ 0.009 χ^2 /NDF: 46.2/7
 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: 0.450 $\pm$ 0.011 χ^2 /NDF:33.2/4
 All: 0.460 $\pm$ 0.009 χ^2 /NDF: 46.2/7

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.087+/-0.214 χ^2/NDF :1428.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.490+/-0.262 χ^2/NDF :69.3/2

Left: 12.048+/-0.166 χ^2/NDF : 1556.9/7

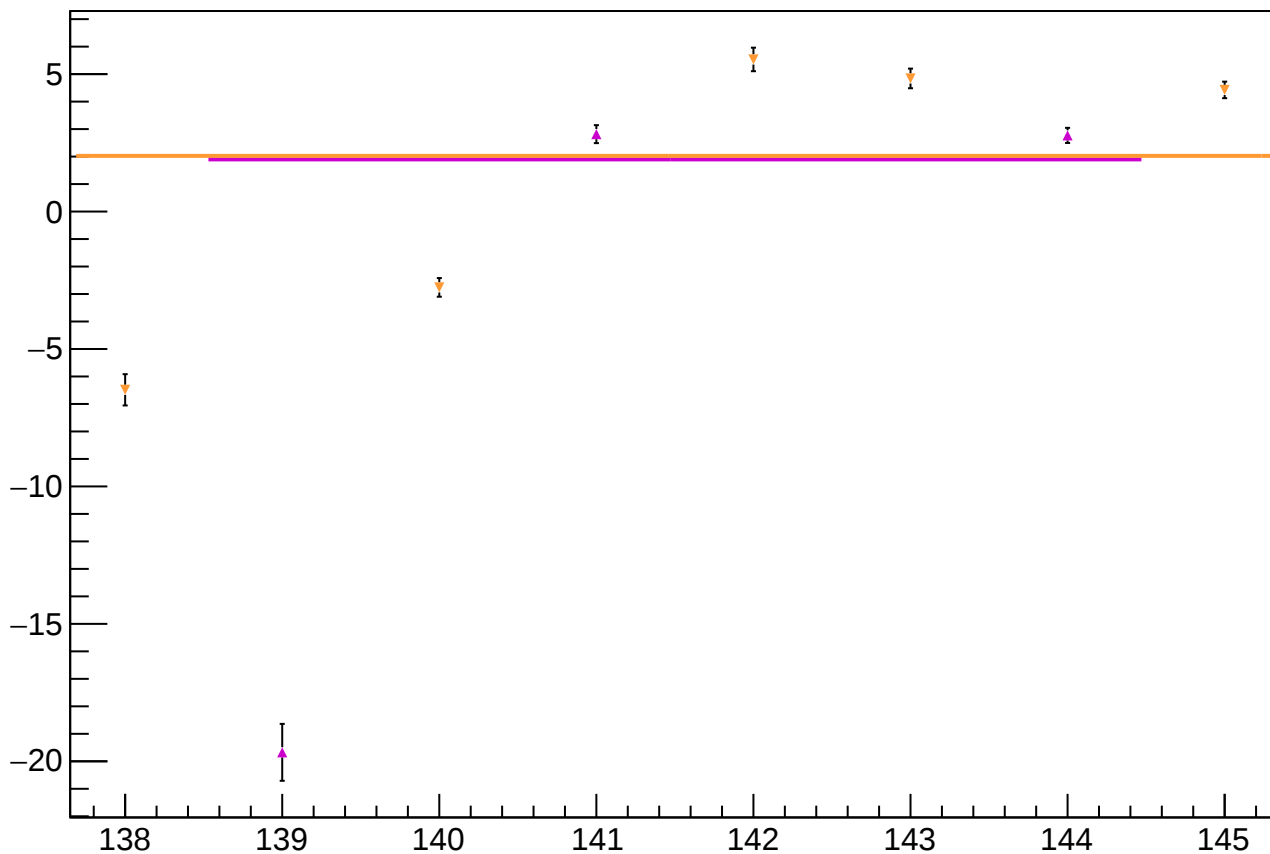
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.490+/-0.262 χ^2/NDF :69.3/2

Out: 13.087+/-0.214 χ^2/NDF :1428.8/4

All: 12.048+/-0.166 χ^2/NDF : 1556.9/7

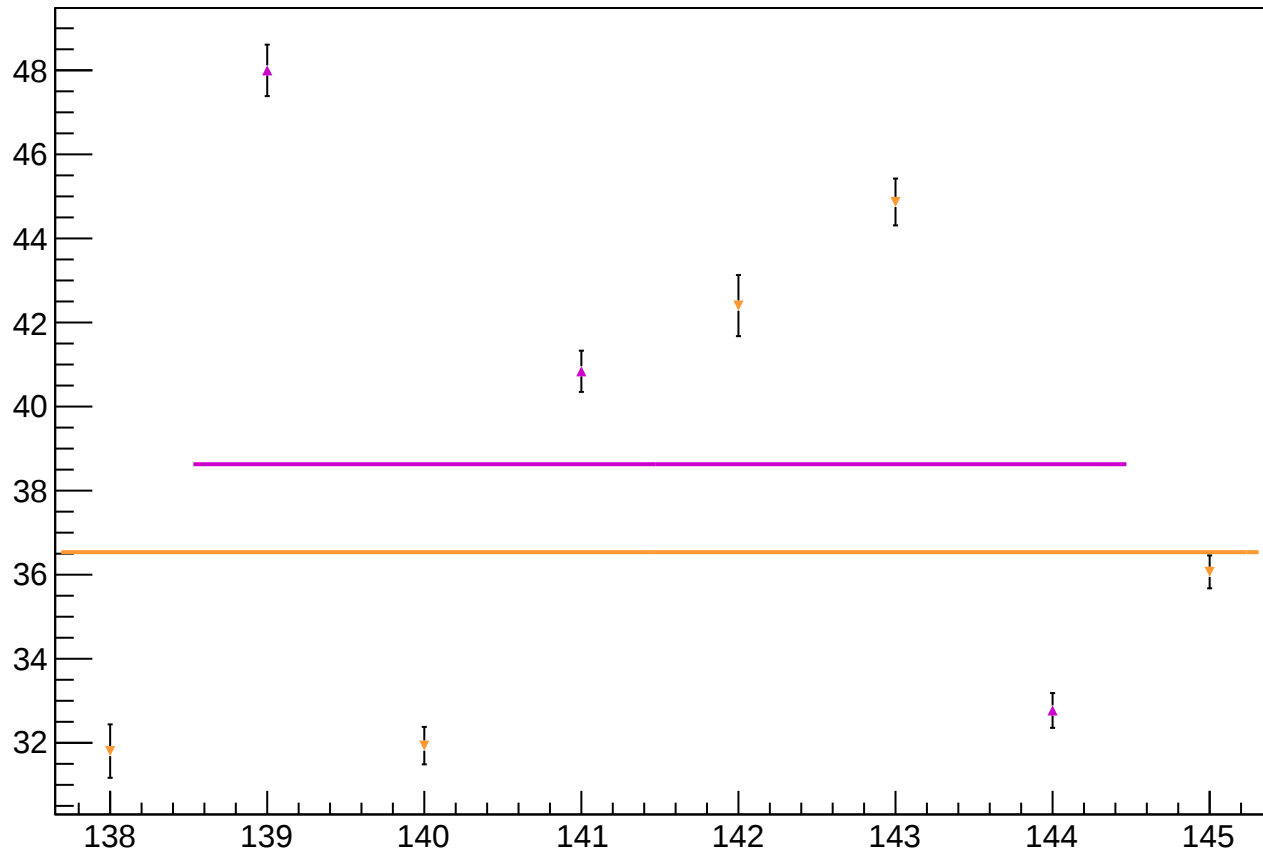
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.026+/-0.166 χ^2/NDF :615.2/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.897+/-0.206 χ^2/NDF :452.1/2

Left: 1.975+/-0.130 χ^2/NDF : 1067.6/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.897+/-0.206 χ^2/NDF :452.1/2
 Out: 2.026+/-0.166 χ^2/NDF :615.2/4
 All: 1.975+/-0.130 χ^2/NDF : 1067.6/7

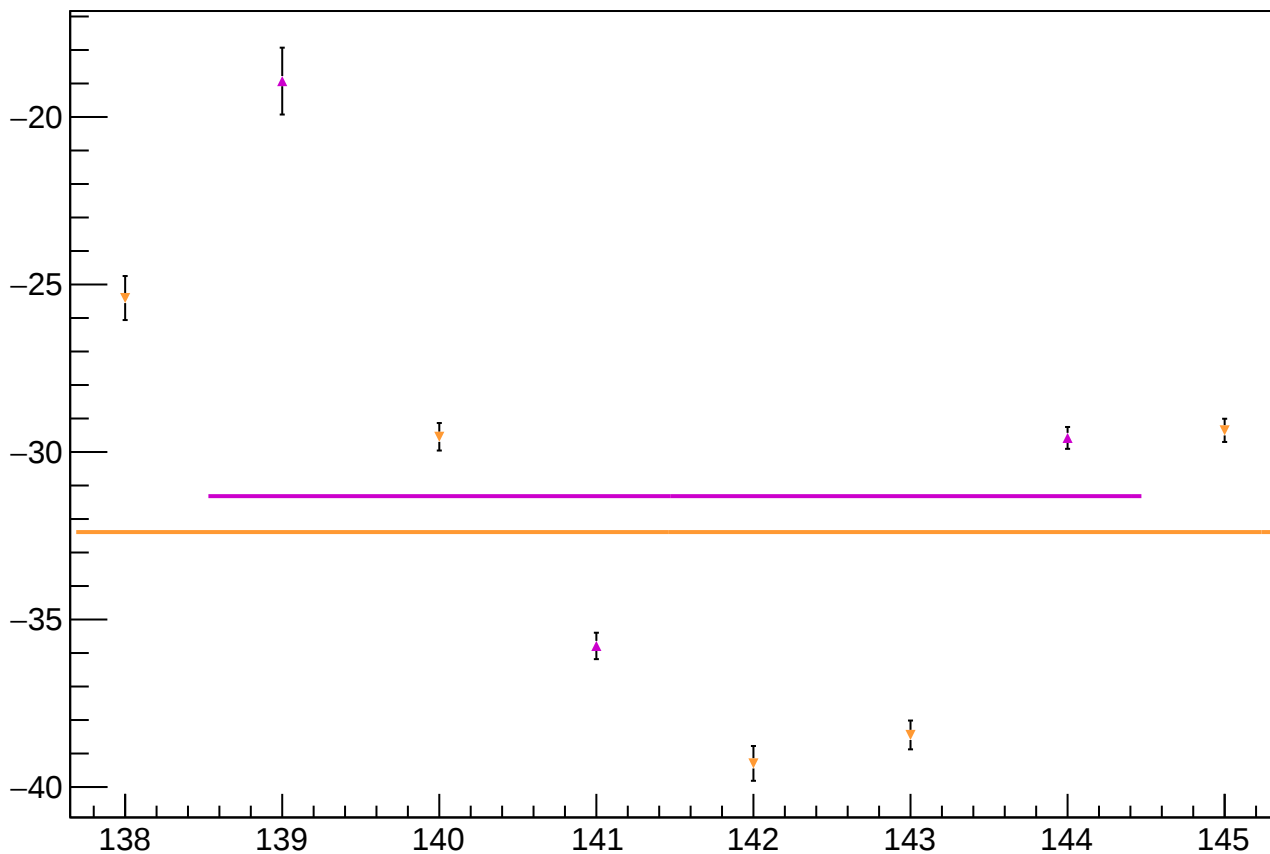
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.536+/-0.229 χ^2/NDF : 452.3/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 38.628+/-0.281 χ^2/NDF : 455.2/2

Left: 37.369+/-0.177 χ^2/NDF : 940.9/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 38.628+/-0.281 χ^2/NDF : 455.2/2
 Out: 36.536+/-0.229 χ^2/NDF : 452.3/4
 All: 37.369+/-0.177 χ^2/NDF : 940.9/7

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.390+/-0.197 χ^2/NDF : 612.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.317+/-0.244 χ^2/NDF : 311.1/2

Left: -31.965+/-0.153 χ^2/NDF : 935.7/7

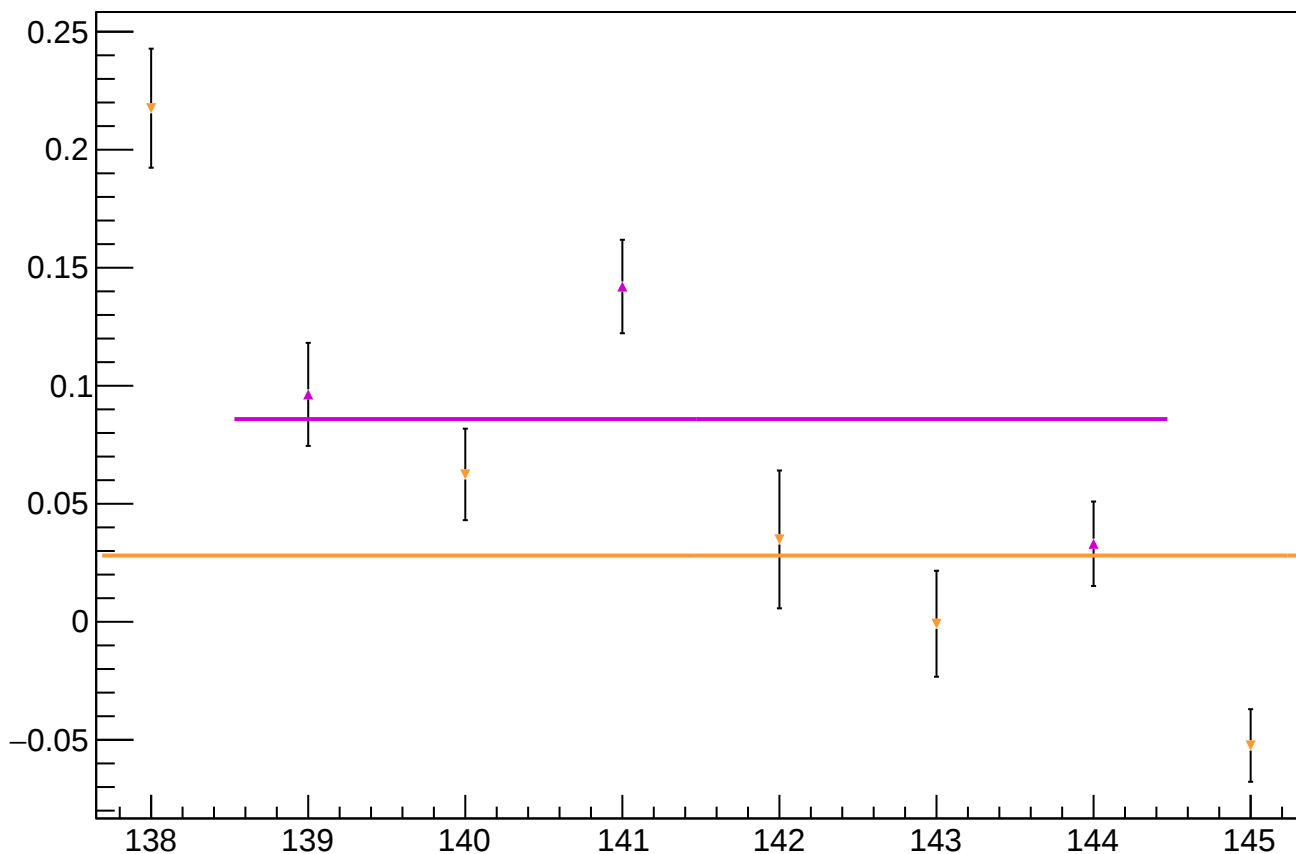
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.317+/-0.244 χ^2/NDF : 311.1/2

Out: -32.390+/-0.197 χ^2/NDF : 612.9/4

All: -31.965+/-0.153 χ^2/NDF : 935.7/7

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.028 $\pm$ 0.009 χ^2 /NDF:88.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.086 $\pm$ 0.011 χ^2 /NDF:17.0/2

Left: 0.051 $\pm$ 0.007 χ^2 /NDF: 121.3/7

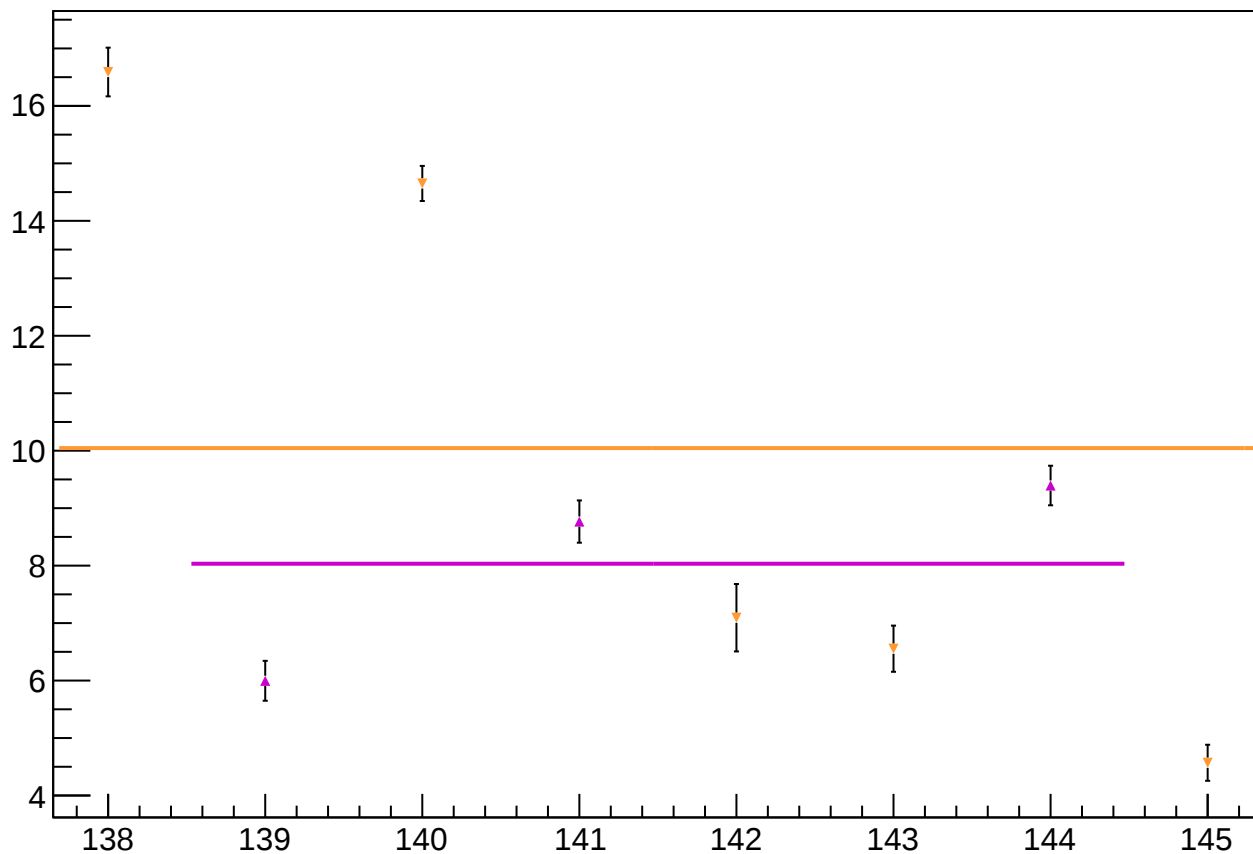
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.086 $\pm$ 0.011 χ^2 /NDF:17.0/2

Out: 0.028 $\pm$ 0.009 χ^2 /NDF:88.7/4

All: 0.051 $\pm$ 0.007 χ^2 /NDF: 121.3/7

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.046+/-0.168 χ^2/NDF :871.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.033+/-0.204 χ^2/NDF :54.0/2

Left: 9.232+/-0.129 χ^2/NDF : 983.9/7

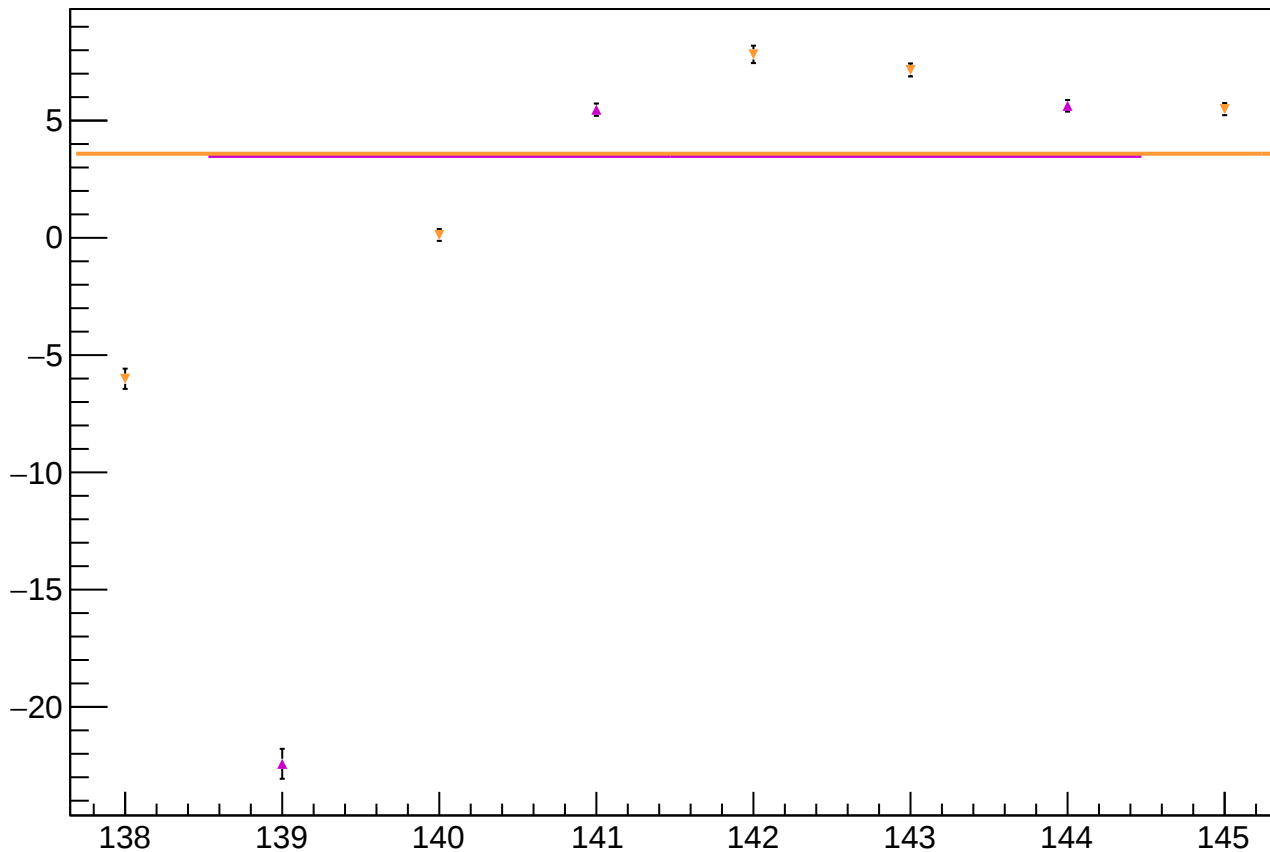
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.033+/-0.204 χ^2/NDF :54.0/2

Out: 10.046+/-0.168 χ^2/NDF :871.7/4

All: 9.232+/-0.129 χ^2/NDF : 983.9/7

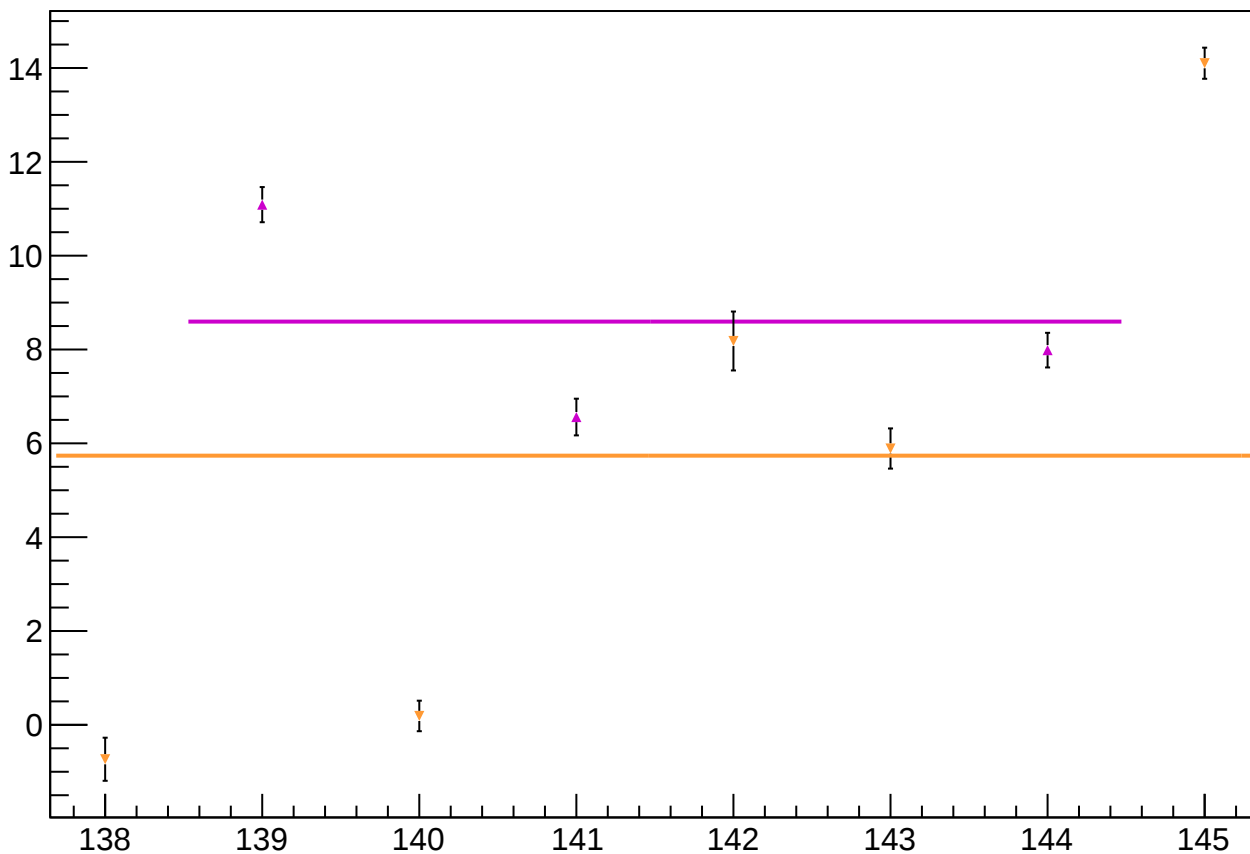
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.587+/-0.133 χ^2/NDF :1033.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.493+/-0.173 χ^2/NDF :1776.5/2

Left: 3.552+/-0.106 χ^2/NDF : 2809.7/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.493+/-0.173 χ^2/NDF :1776.5/2
 Out: 3.587+/-0.133 χ^2/NDF :1033.0/4
 All: 3.552+/-0.106 χ^2/NDF : 2809.7/7

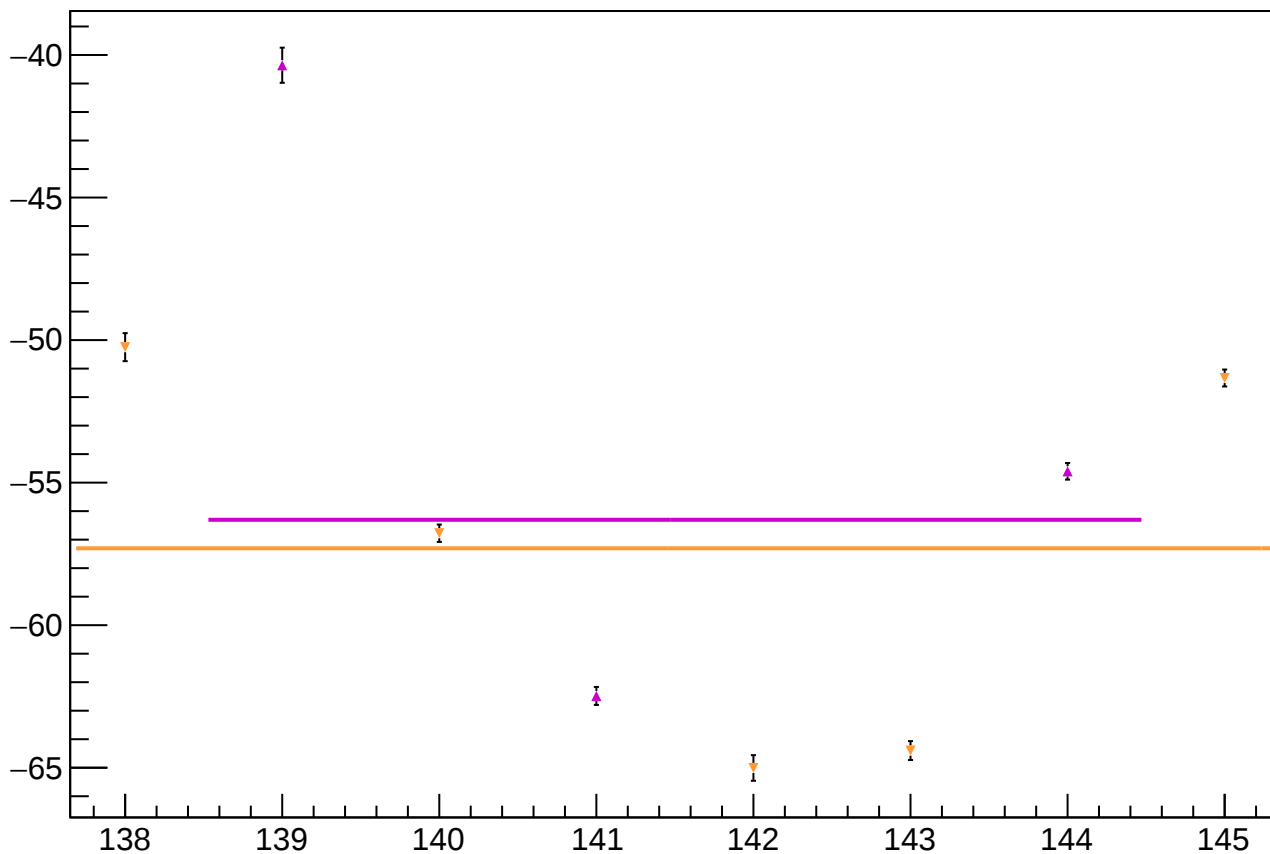
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.737 $\pm$ 0.179 χ^2 /NDF:1140.7/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.595 $\pm$ 0.218 χ^2 /NDF:74.0/2

Left: 6.886 $\pm$ 0.138 χ^2 /NDF: 1317.4/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.595 $\pm$ 0.218 χ^2 /NDF:74.0/2
 Out: 5.737 $\pm$ 0.179 χ^2 /NDF:1140.7/4
 All: 6.886 $\pm$ 0.138 χ^2 /NDF: 1317.4/7

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.303+/-0.158 χ^2/NDF :1363.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.303+/-0.203 χ^2/NDF :1085.6/2

Left: -56.926+/-0.124 χ^2/NDF : 2464.4/7

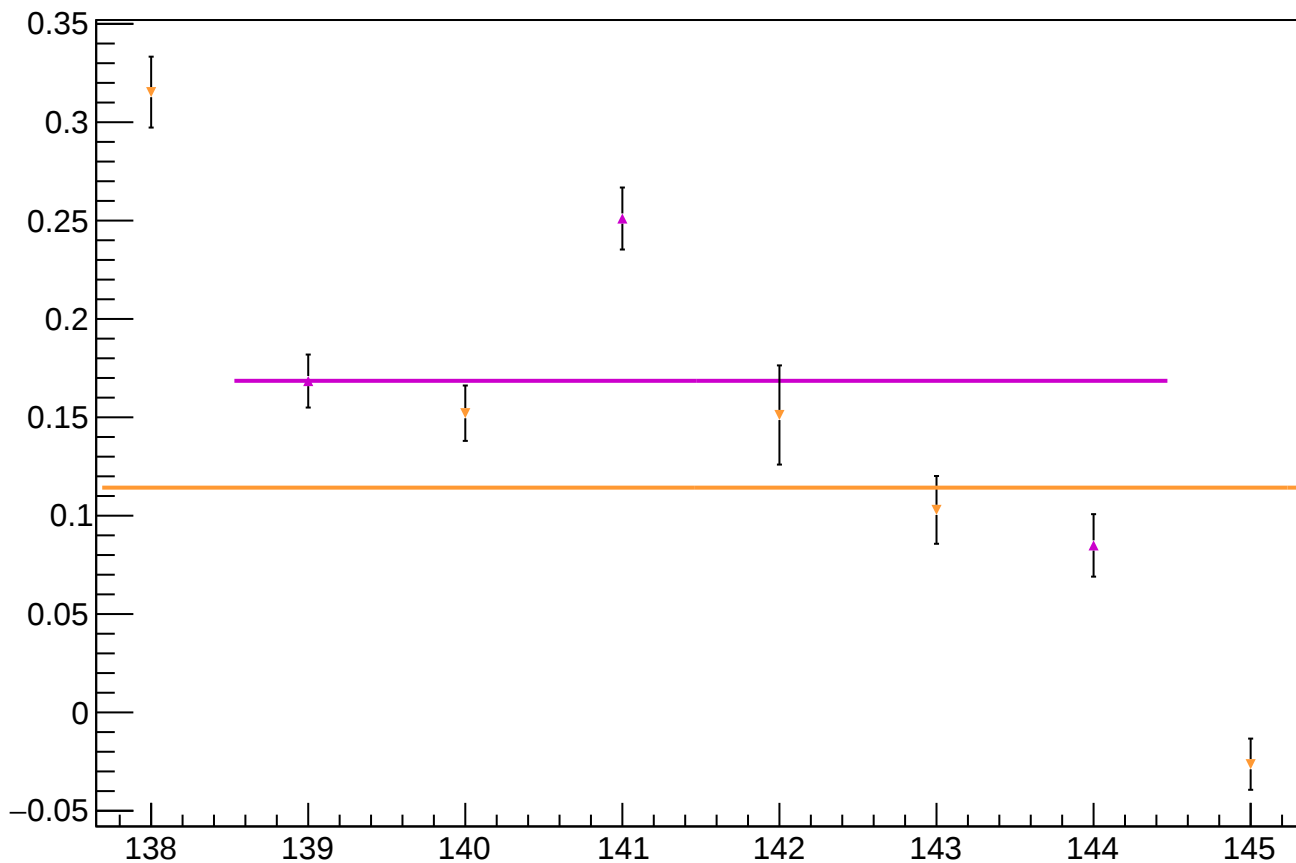
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.303+/-0.203 χ^2/NDF :1085.6/2

Out: -57.303+/-0.158 χ^2/NDF :1363.6/4

All: -56.926+/-0.124 χ^2/NDF : 2464.4/7

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.114 $\pm$ 0.007 χ^2 /NDF:251.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.169 $\pm$ 0.009 χ^2 /NDF:55.1/2

Left: 0.137 $\pm$ 0.006 χ^2 /NDF: 329.5/7

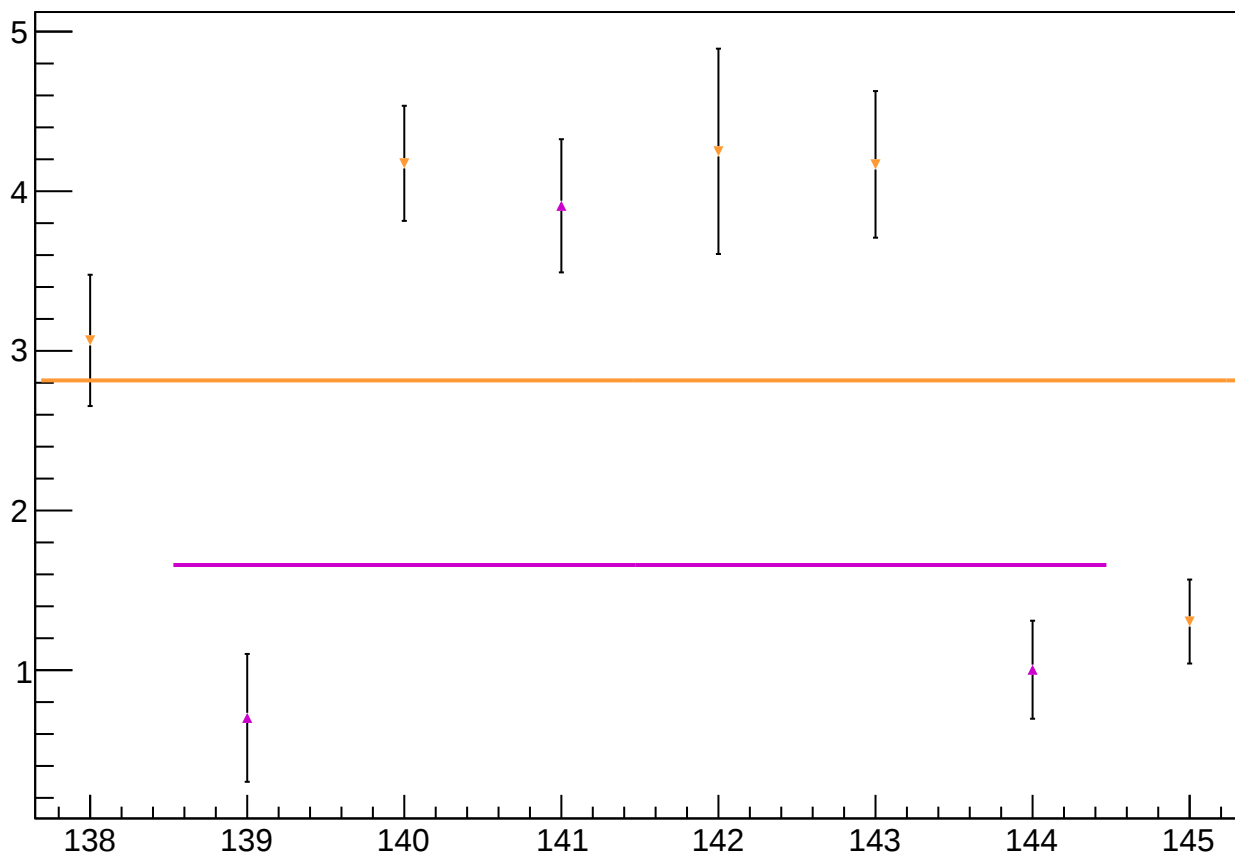
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.169 $\pm$ 0.009 χ^2 /NDF:55.1/2

Out: 0.114 $\pm$ 0.007 χ^2 /NDF:251.1/4

All: 0.137 $\pm$ 0.006 χ^2 /NDF: 329.5/7

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.815+/-0.168 χ^2/NDF :61.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.659+/-0.210 χ^2/NDF :39.4/2

Left: 2.363+/-0.132 χ^2/NDF : 119.0/7

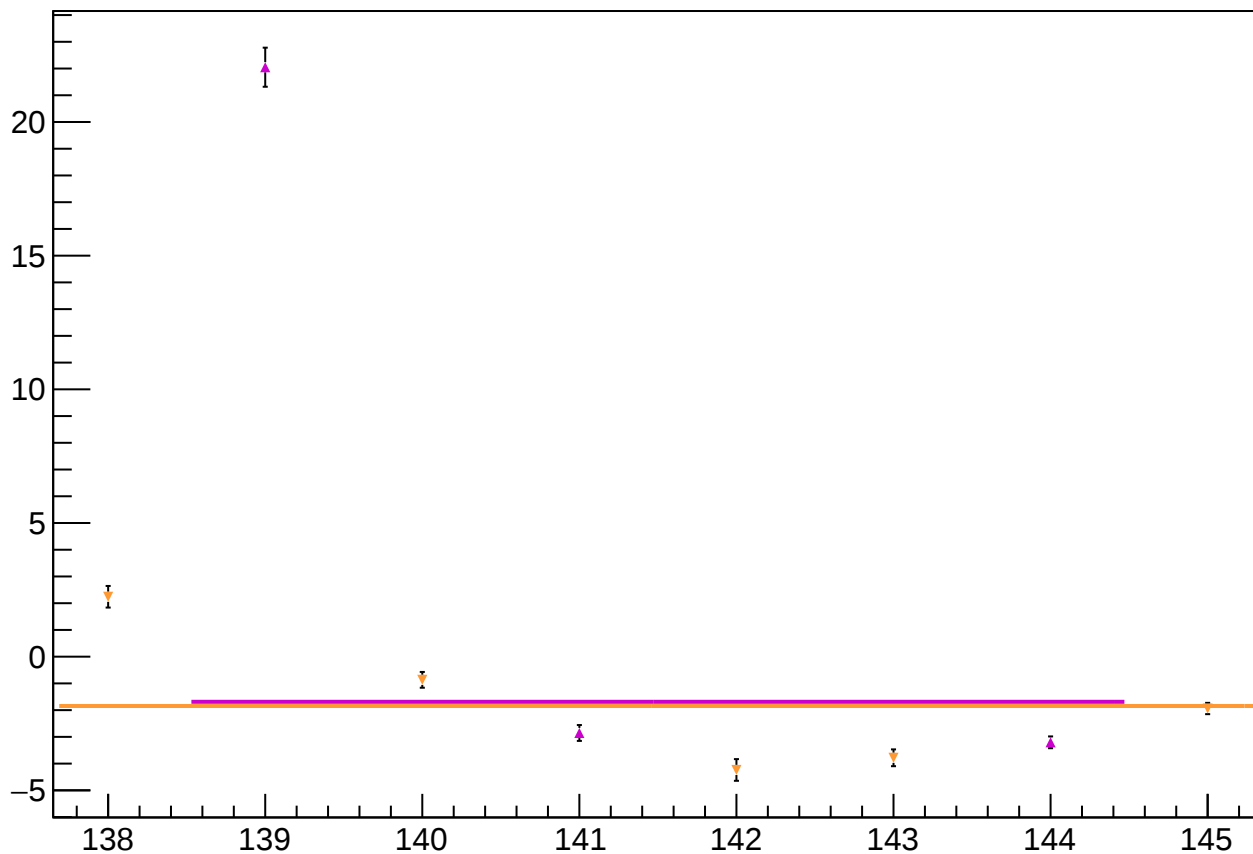
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.659+/-0.210 χ^2/NDF :39.4/2

Out: 2.815+/-0.168 χ^2/NDF :61.2/4

All: 2.363+/-0.132 χ^2/NDF : 119.0/7

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.845+/-0.133 χ^2/NDF :186.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.688+/-0.172 χ^2/NDF :1117.0/2

Left: -1.786+/-0.105 χ^2/NDF : 1303.7/7

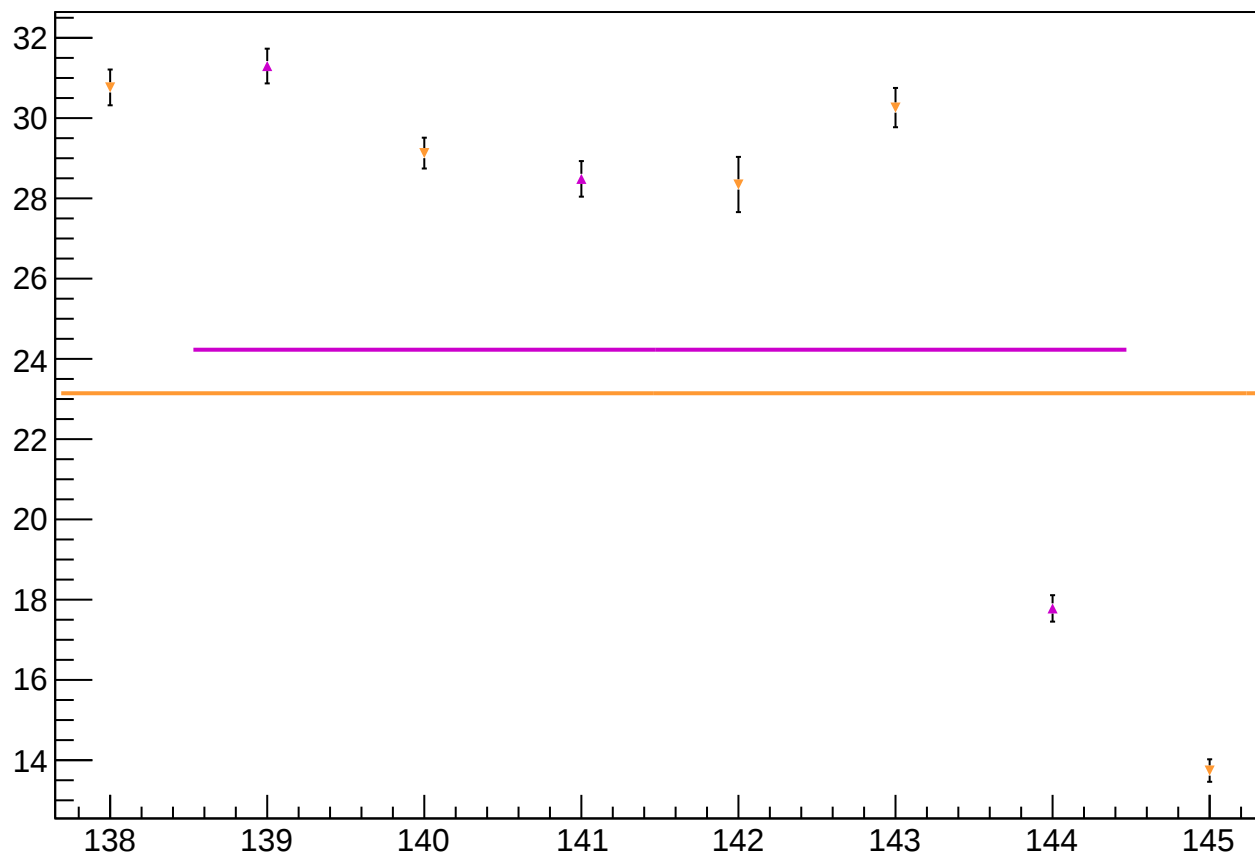
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.688+/-0.172 χ^2/NDF :1117.0/2

Out: -1.845+/-0.133 χ^2/NDF :186.1/4

All: -1.786+/-0.105 χ^2/NDF : 1303.7/7

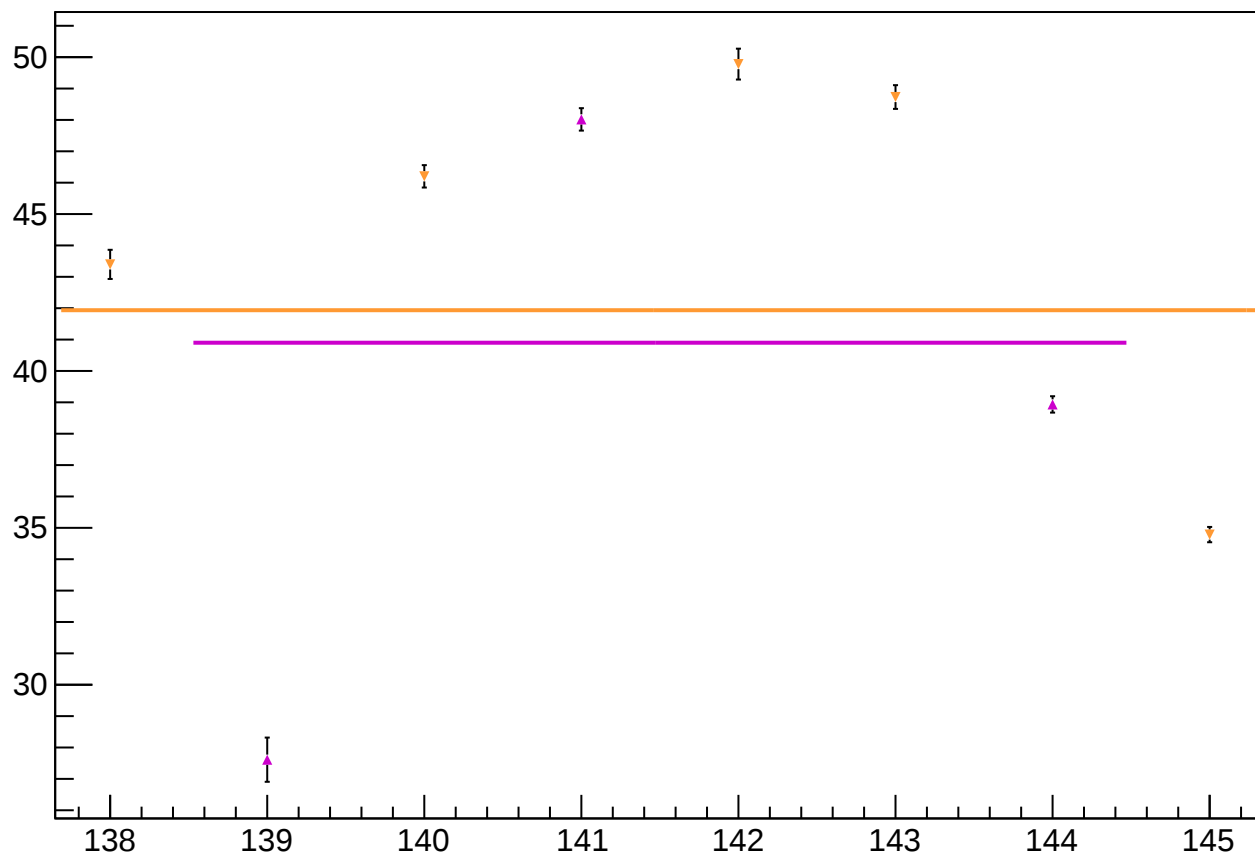
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.144+/-0.180 χ^2/NDF :1928.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.229+/-0.226 χ^2/NDF :741.9/2

Left: 23.566+/-0.141 χ^2/NDF : 2684.4/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.229+/-0.226 χ^2/NDF :741.9/2
 Out: 23.144+/-0.180 χ^2/NDF :1928.4/4
 All: 23.566+/-0.141 χ^2/NDF : 2684.4/7

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.936+/-0.157 χ^2/NDF :1588.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.900+/-0.202 χ^2/NDF :808.8/2

Left: 41.544+/-0.124 χ^2/NDF : 2413.9/7

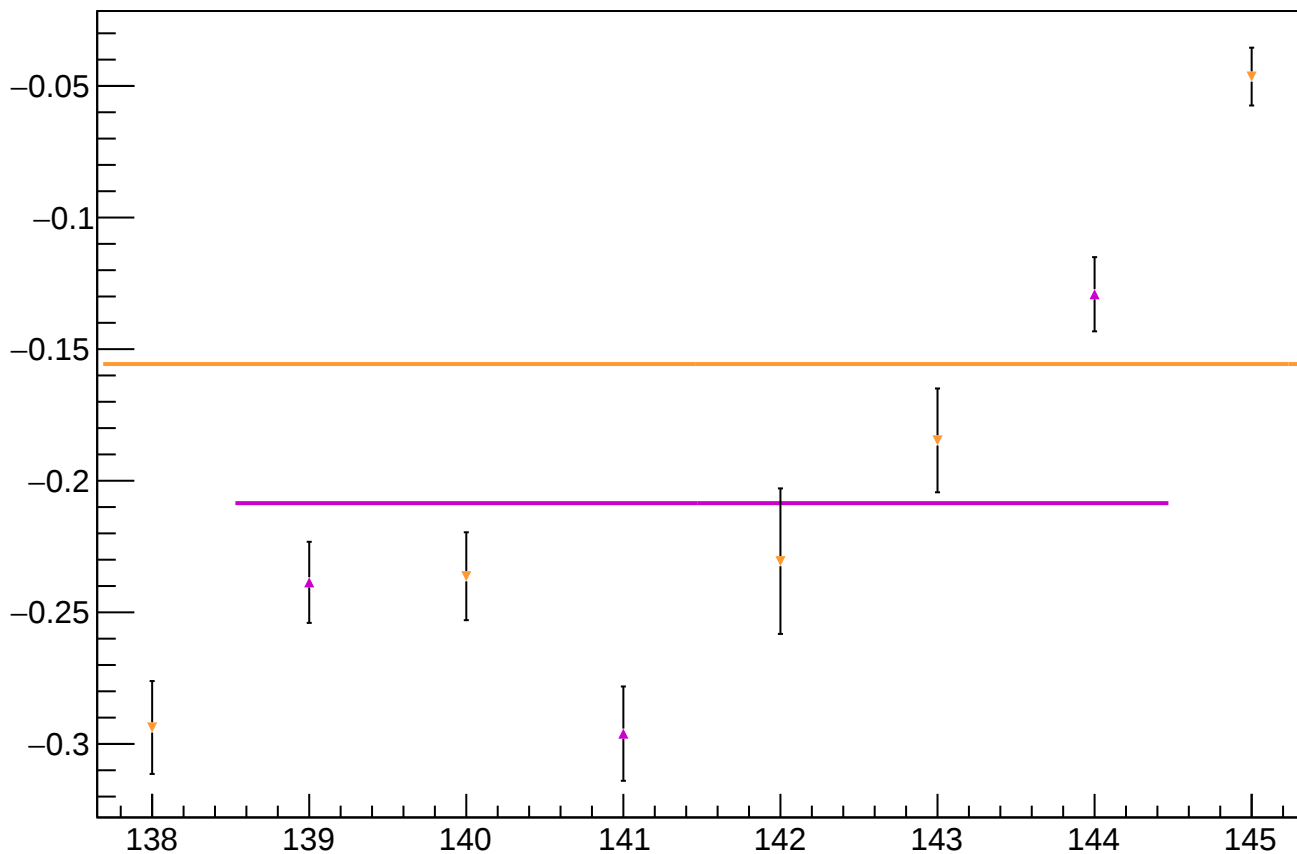
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.900+/-0.202 χ^2/NDF :808.8/2

Out: 41.936+/-0.157 χ^2/NDF :1588.7/4

All: 41.544+/-0.124 χ^2/NDF : 2413.9/7

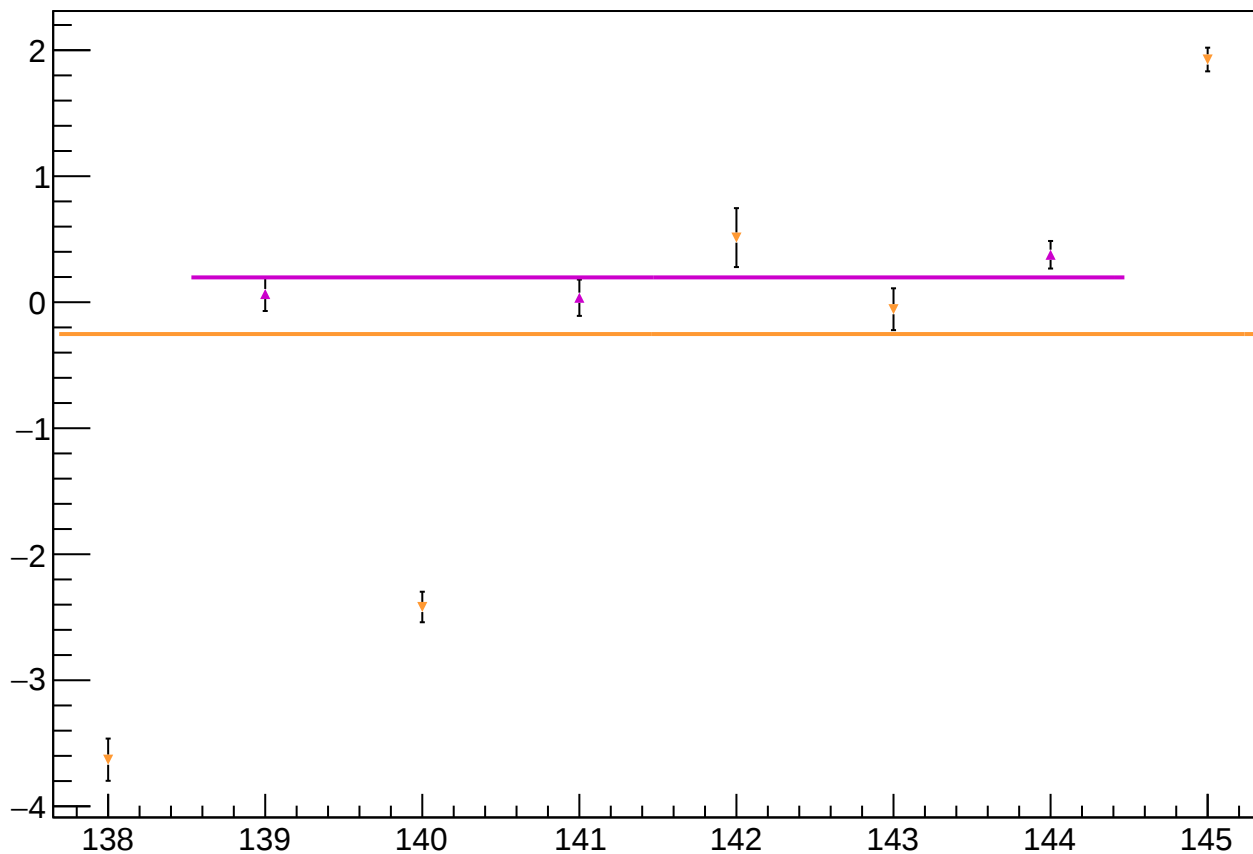
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.156 $\pm$ 0.007 χ^2 /NDF:192.9/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.209 $\pm$ 0.009 χ^2 /NDF:59.4/2

Left: -0.177 $\pm$ 0.006 χ^2 /NDF: 273.2/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.209 $\pm$ 0.009 χ^2 /NDF:59.4/2
 Out: -0.156 $\pm$ 0.007 χ^2 /NDF:192.9/4
 All: -0.177 $\pm$ 0.006 χ^2 /NDF: 273.2/7

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.253+/-0.061 χ^2/NDF :1276.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.197+/-0.073 χ^2/NDF :4.9/2

Left: -0.069+/-0.047 χ^2/NDF : 1303.5/7

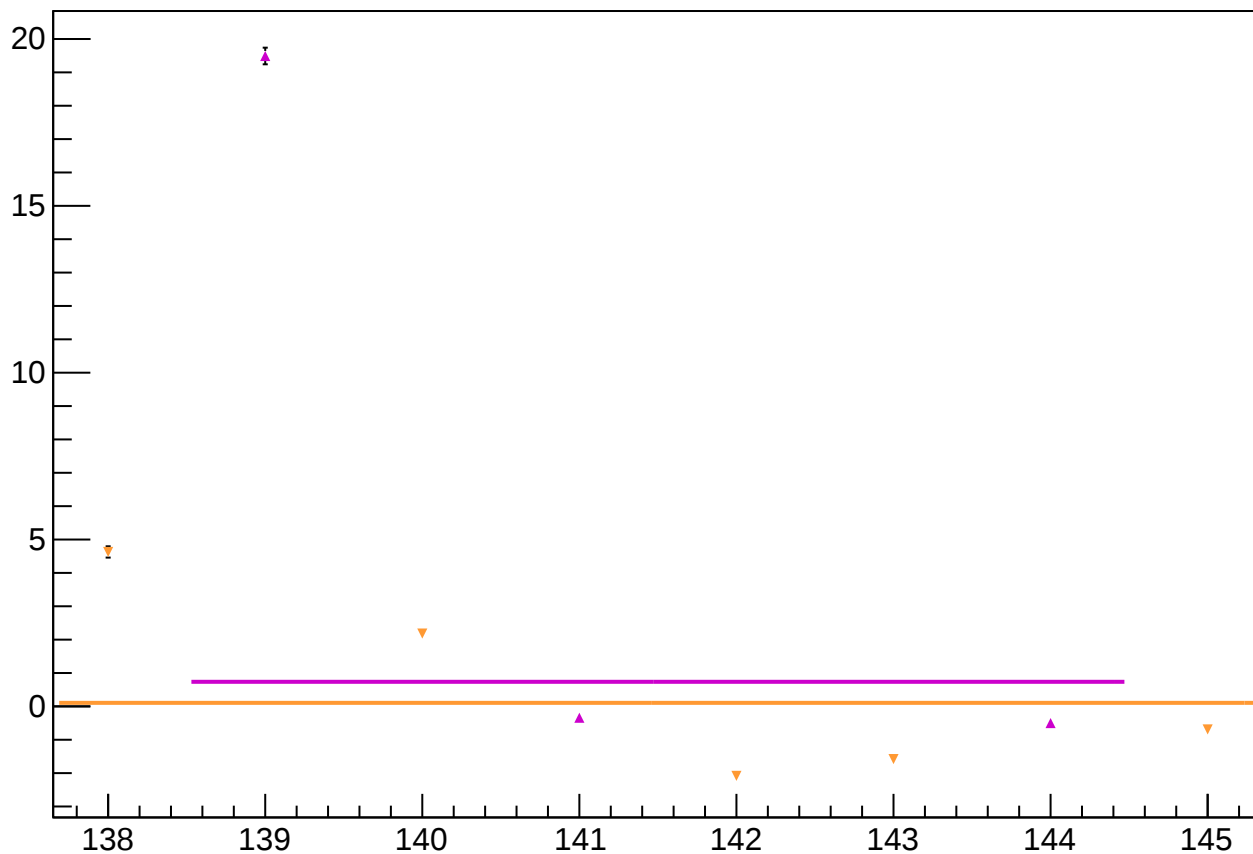
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.197+/-0.073 χ^2/NDF :4.9/2

Out: -0.253+/-0.061 χ^2/NDF :1276.3/4

All: -0.069+/-0.047 χ^2/NDF : 1303.5/7

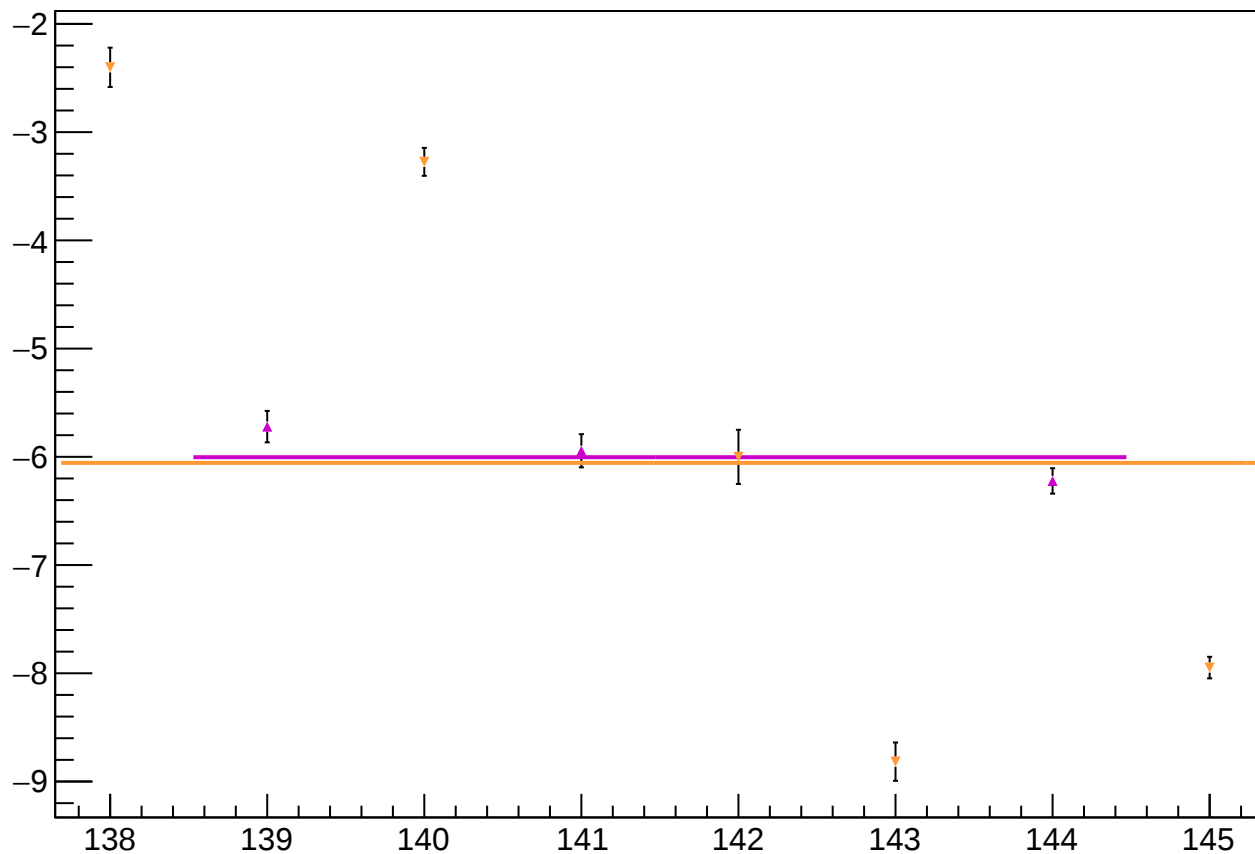
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.106+/-0.048 χ^2/NDF :1689.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.737+/-0.061 χ^2/NDF :6021.4/2

Left: 0.352+/-0.038 χ^2/NDF : 7777.3/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.737+/-0.061 χ^2/NDF :6021.4/2
 Out: 0.106+/-0.048 χ^2/NDF :1689.8/4
 All: 0.352+/-0.038 χ^2/NDF : 7777.3/7

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.056+/-0.065 χ^2/NDF :1473.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.004+/-0.078 χ^2/NDF :7.4/2

Left: -6.035+/-0.050 χ^2/NDF : 1481.1/7

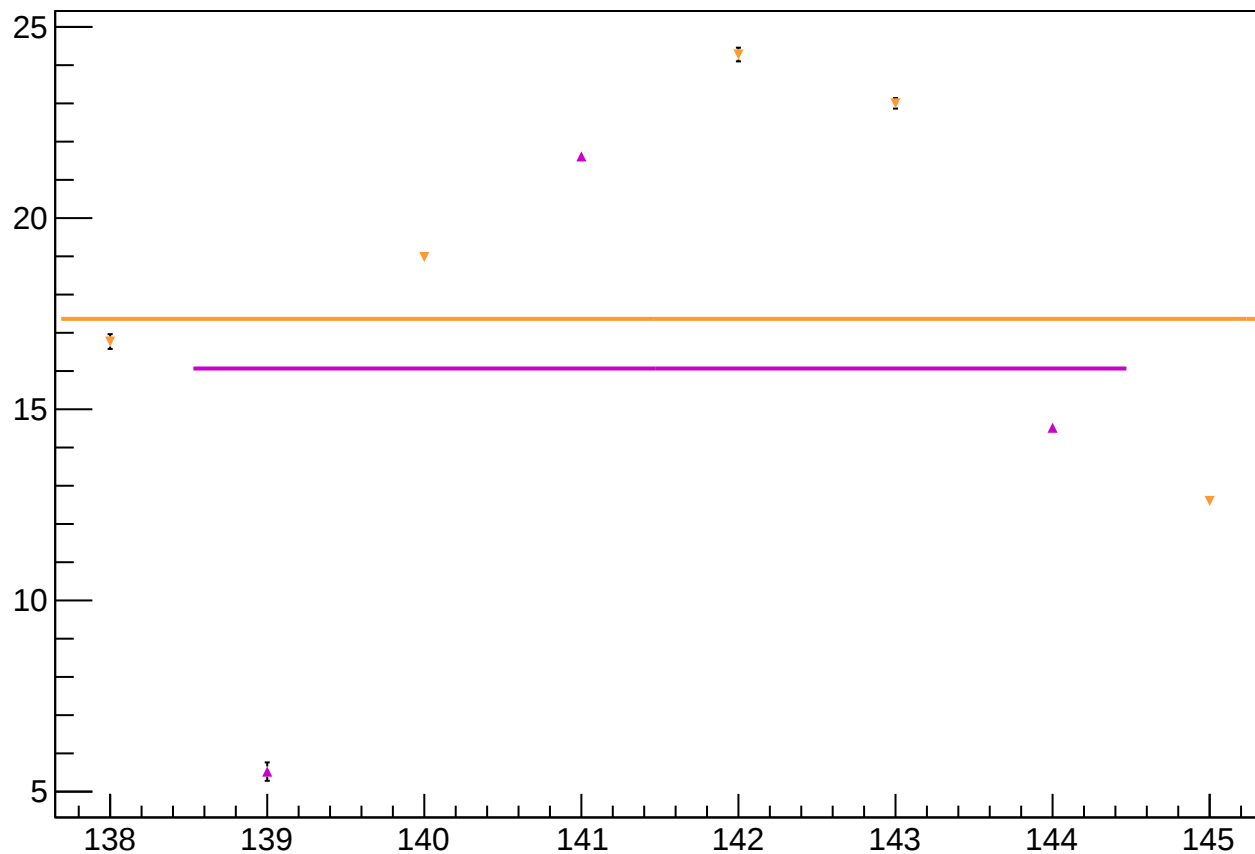
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.004+/-0.078 χ^2/NDF :7.4/2

Out: -6.056+/-0.065 χ^2/NDF :1473.4/4

All: -6.035+/-0.050 χ^2/NDF : 1481.1/7

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.365+/-0.057 χ^2/NDF : 6284.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.066+/-0.071 χ^2/NDF : 4208.8/2

Left: 16.856+/-0.044 χ^2/NDF : 10696.6/7

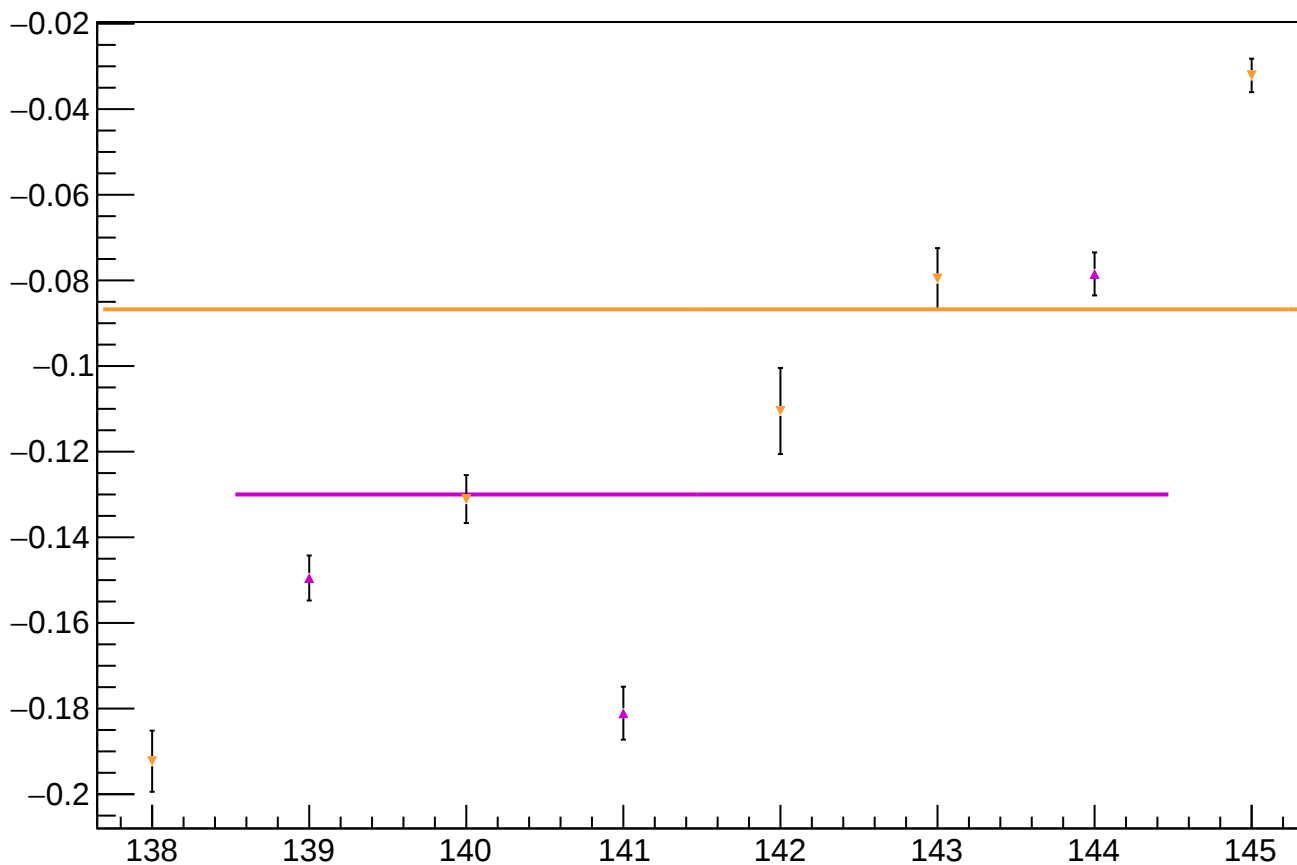
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.066+/-0.071 χ^2/NDF : 4208.8/2

Out: 17.365+/-0.057 χ^2/NDF : 6284.2/4

All: 16.856+/-0.044 χ^2/NDF : 10696.6/7

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.087+/-0.003 χ^2/NDF : 483.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.130+/-0.003 χ^2/NDF : 187.3/2

Left: -0.104+/-0.002 χ^2/NDF : 782.9/7

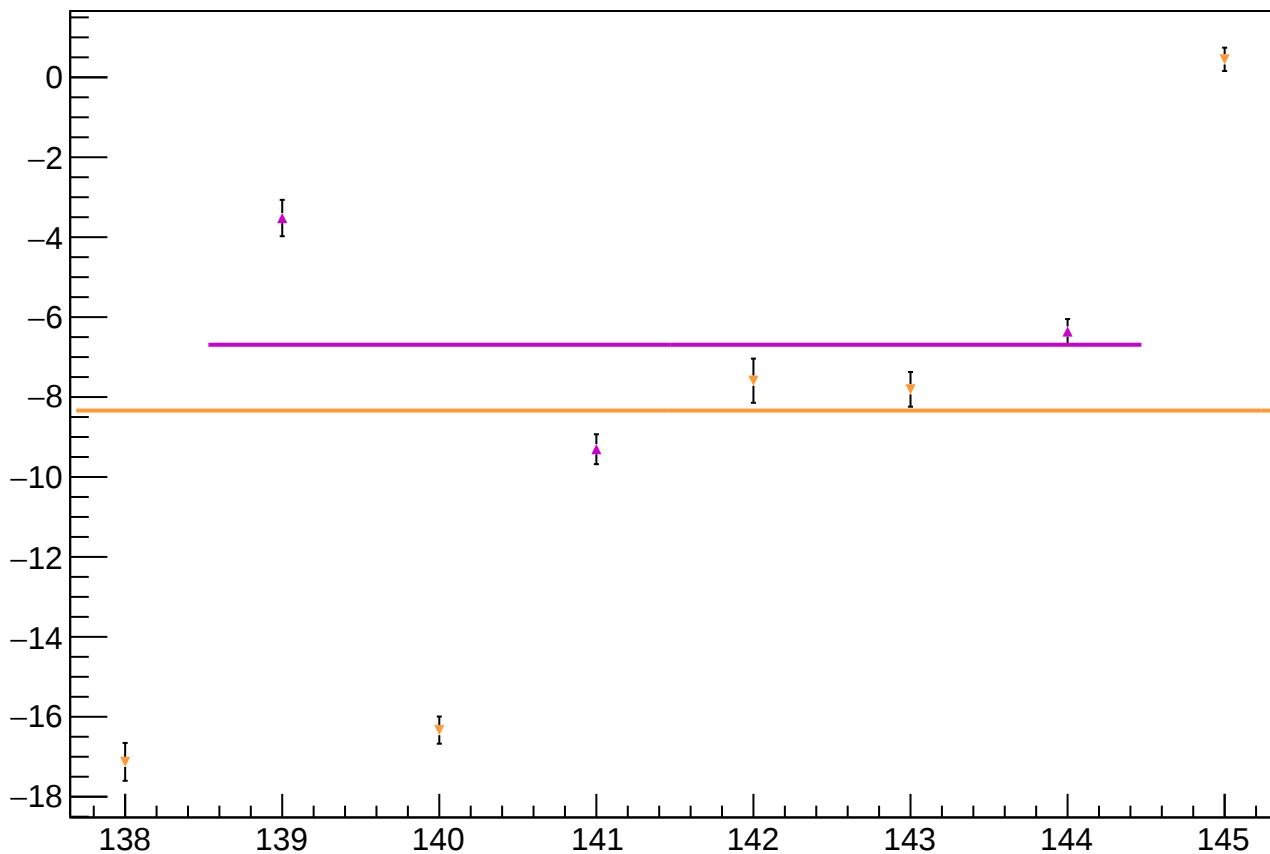
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.130+/-0.003 χ^2/NDF : 187.3/2

Out: -0.087+/-0.003 χ^2/NDF : 483.1/4

All: -0.104+/-0.002 χ^2/NDF : 782.9/7

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -8.338 ± 0.173 $\chi^2/\text{NDF}: 1807.0/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -6.691 ± 0.212 $\chi^2/\text{NDF}: 98.6/2$

Left: -7.680 ± 0.134 $\chi^2/\text{NDF}: 1941.8/7$

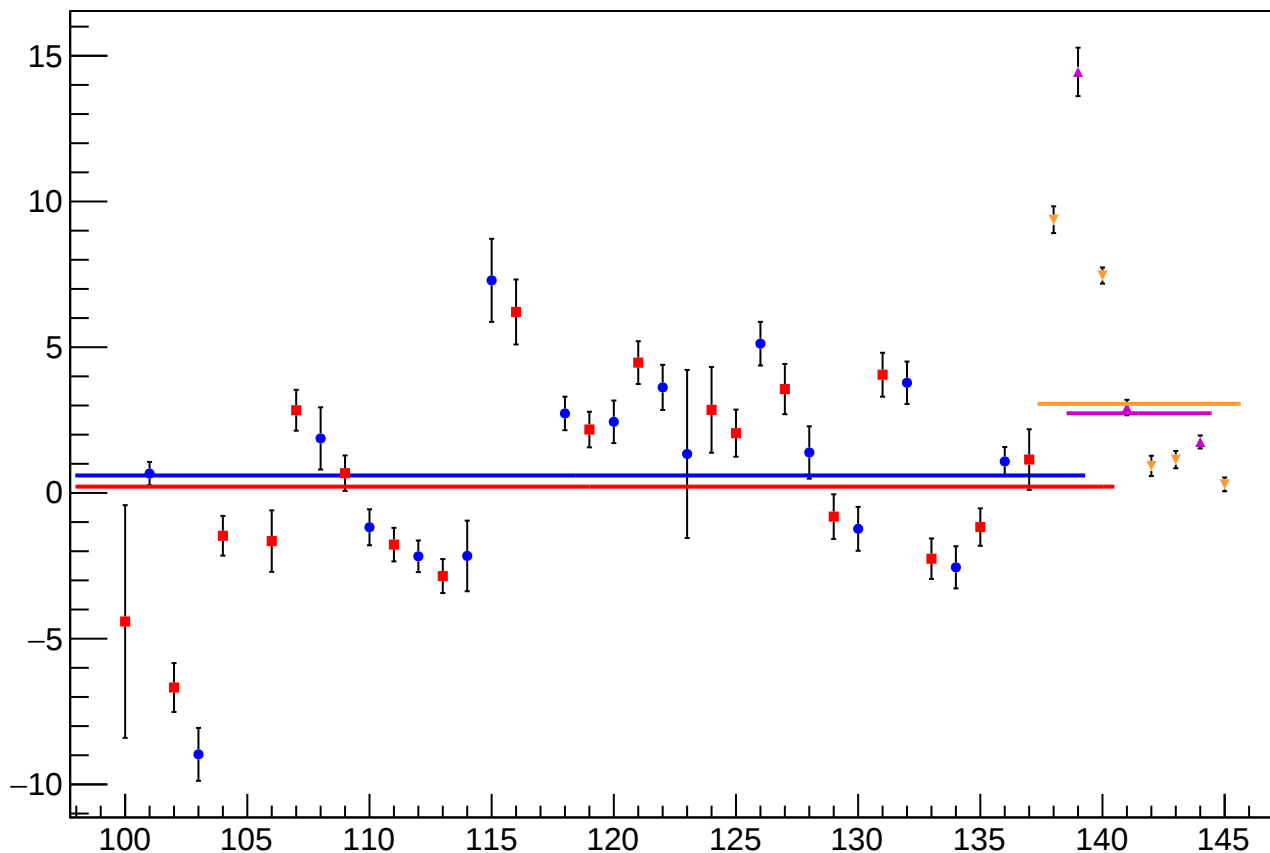
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -6.691 ± 0.212 $\chi^2/\text{NDF}: 98.6/2$

Out: -8.338 ± 0.173 $\chi^2/\text{NDF}: 1807.0/4$

All: -7.680 ± 0.134 $\chi^2/\text{NDF}: 1941.8/7$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 3.058 ± 0.135 χ^2/NDF : 655.5/4

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 2.734 ± 0.167 χ^2/NDF : 218.3/2

Left: 2.930 ± 0.105 χ^2/NDF : 876.1/7

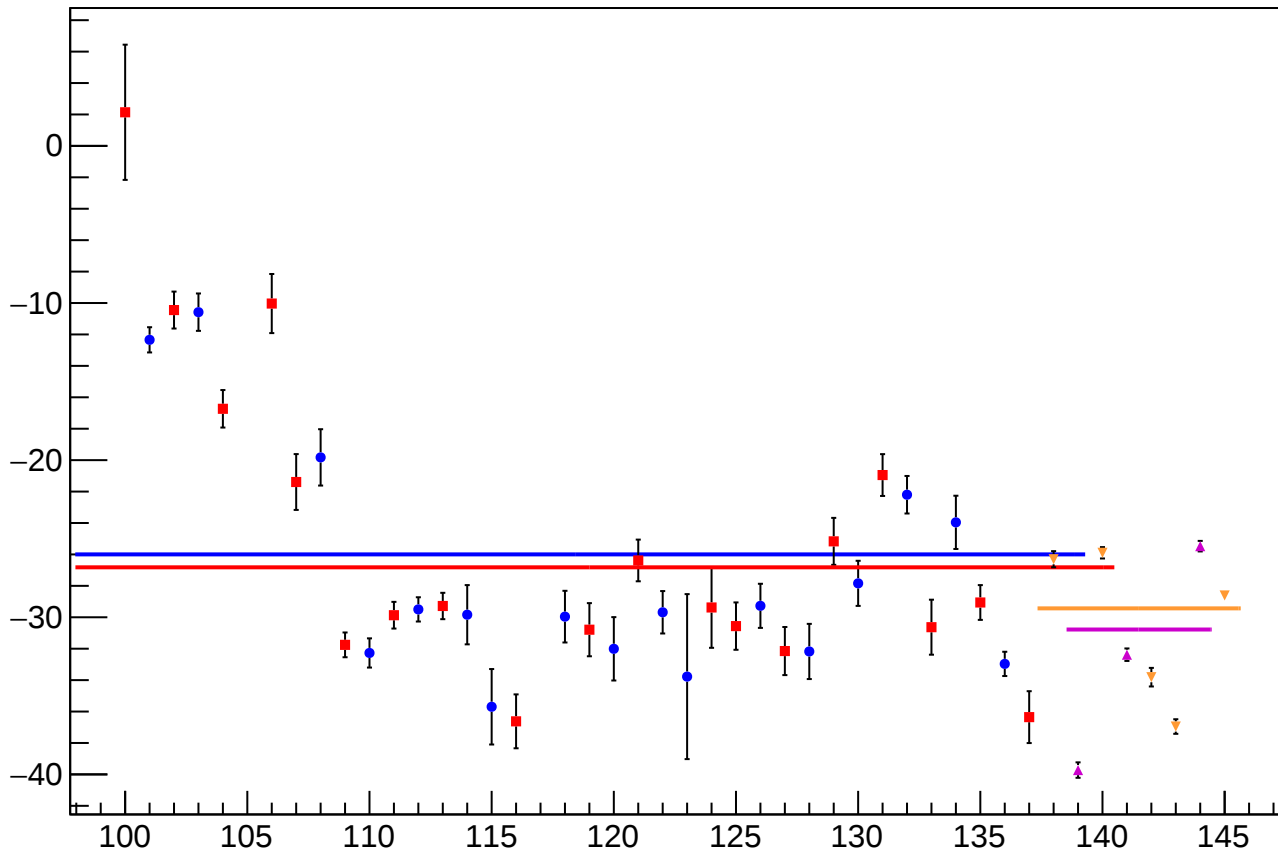
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.679 ± 0.119 χ^2/NDF : 590.7/19

Out: 1.995 ± 0.107 χ^2/NDF : 1095.9/23

All: 1.854 ± 0.079 χ^2/NDF : 1690.5/43

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -29.433 ± 0.184 χ^2/NDF : 457.1/4

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -30.779 ± 0.227 χ^2/NDF : 598.1/2

Left: -29.968 ± 0.143 χ^2/NDF : 1076.3/7

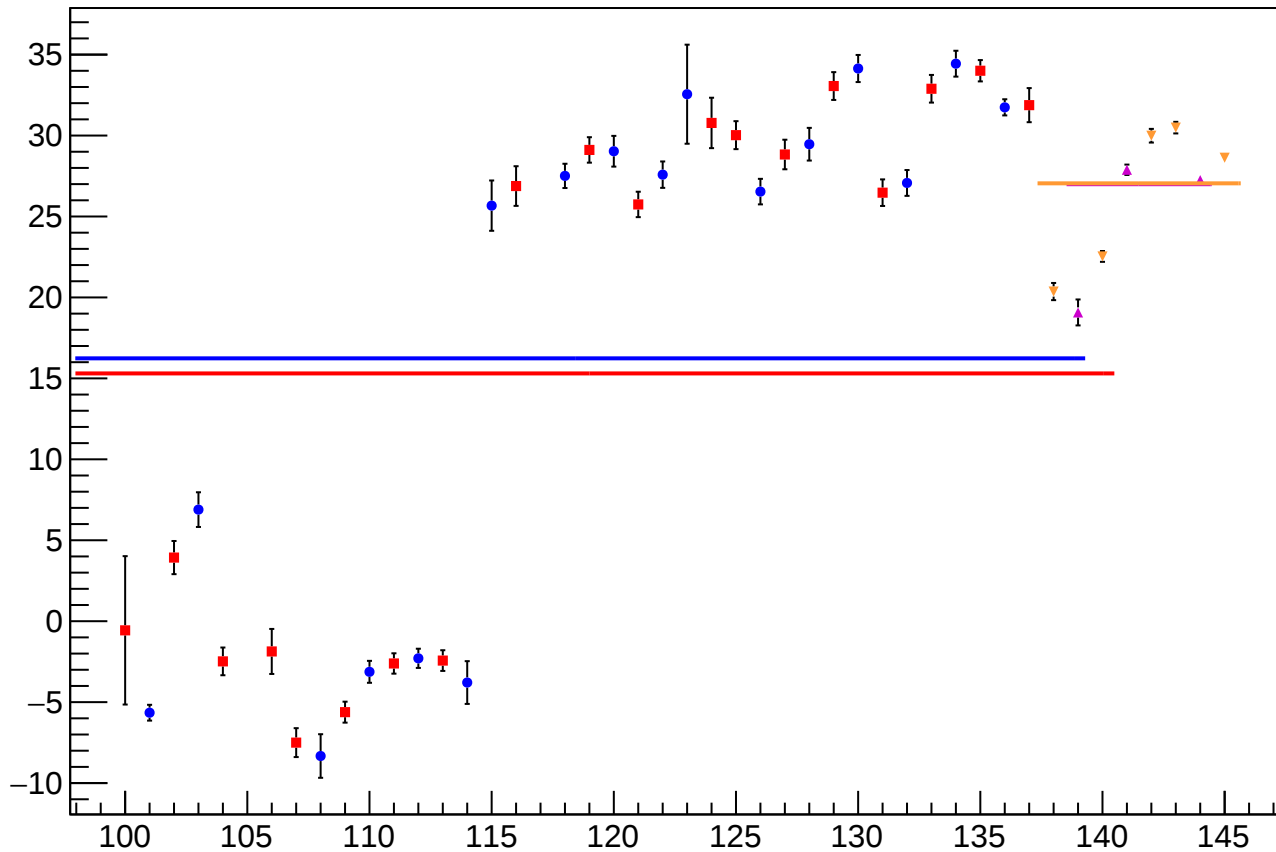
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -29.037 ± 0.181 χ^2/NDF : 1452.0/19

Out: -28.708 ± 0.157 χ^2/NDF : 1093.7/23

All: -28.849 ± 0.119 χ^2/NDF : 2547.6/43

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.048 $\pm$ 0.160 χ^2 /NDF:515.6/4

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 26.994 $\pm$ 0.198 χ^2 /NDF:106.3/2

Left: 27.027 $\pm$ 0.124 χ^2 /NDF: 622.0/7

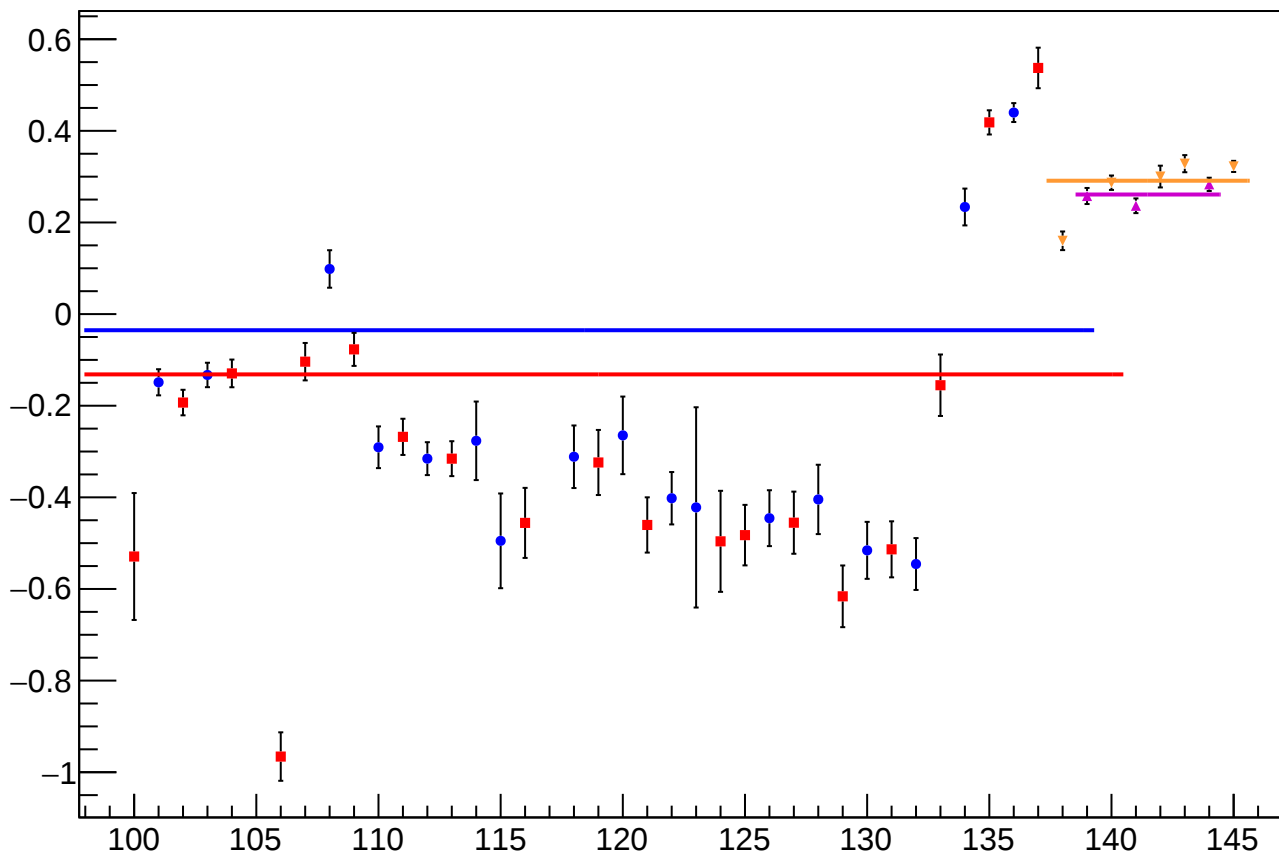
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 21.445 $\pm$ 0.137 χ^2 /NDF:9215.8/19

Out: 22.387 $\pm$ 0.124 χ^2 /NDF:9930.3/23

All: 21.964 $\pm$ 0.092 χ^2 /NDF: 19171.9/43

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.291 ± 0.007 χ^2/NDF : 52.4/4

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.261 ± 0.009 χ^2/NDF : 4.7/2

Left: 0.279 ± 0.006 χ^2/NDF : 63.6/7

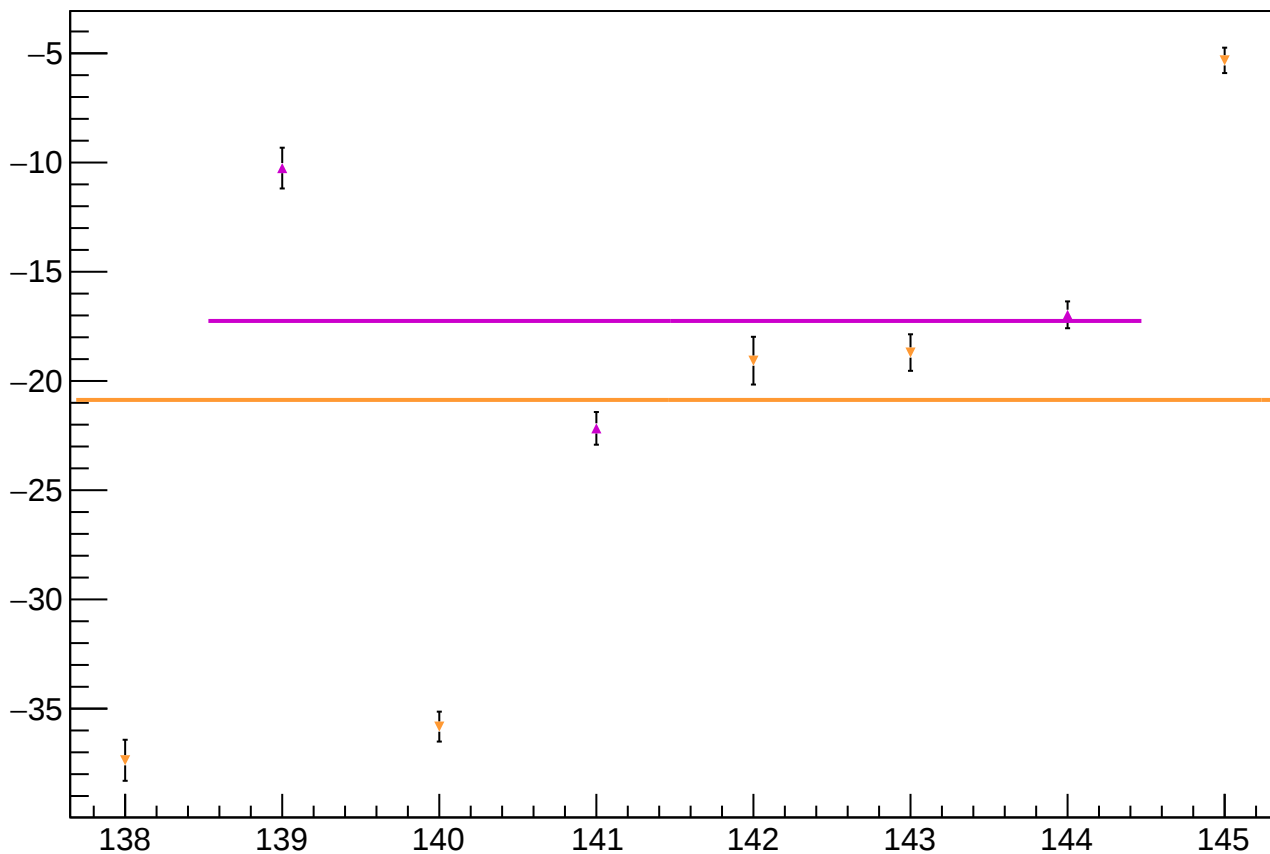
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.130 ± 0.007 χ^2/NDF : 1479.1/19

Out: 0.146 ± 0.006 χ^2/NDF : 2316.7/23

All: 0.139 ± 0.005 χ^2/NDF : 3798.7/43

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -20.867+/-0.343 χ^2/NDF :1509.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.252+/-0.423 χ^2/NDF :99.6/2

Left: -19.432+/-0.267 χ^2/NDF : 1653.2/7

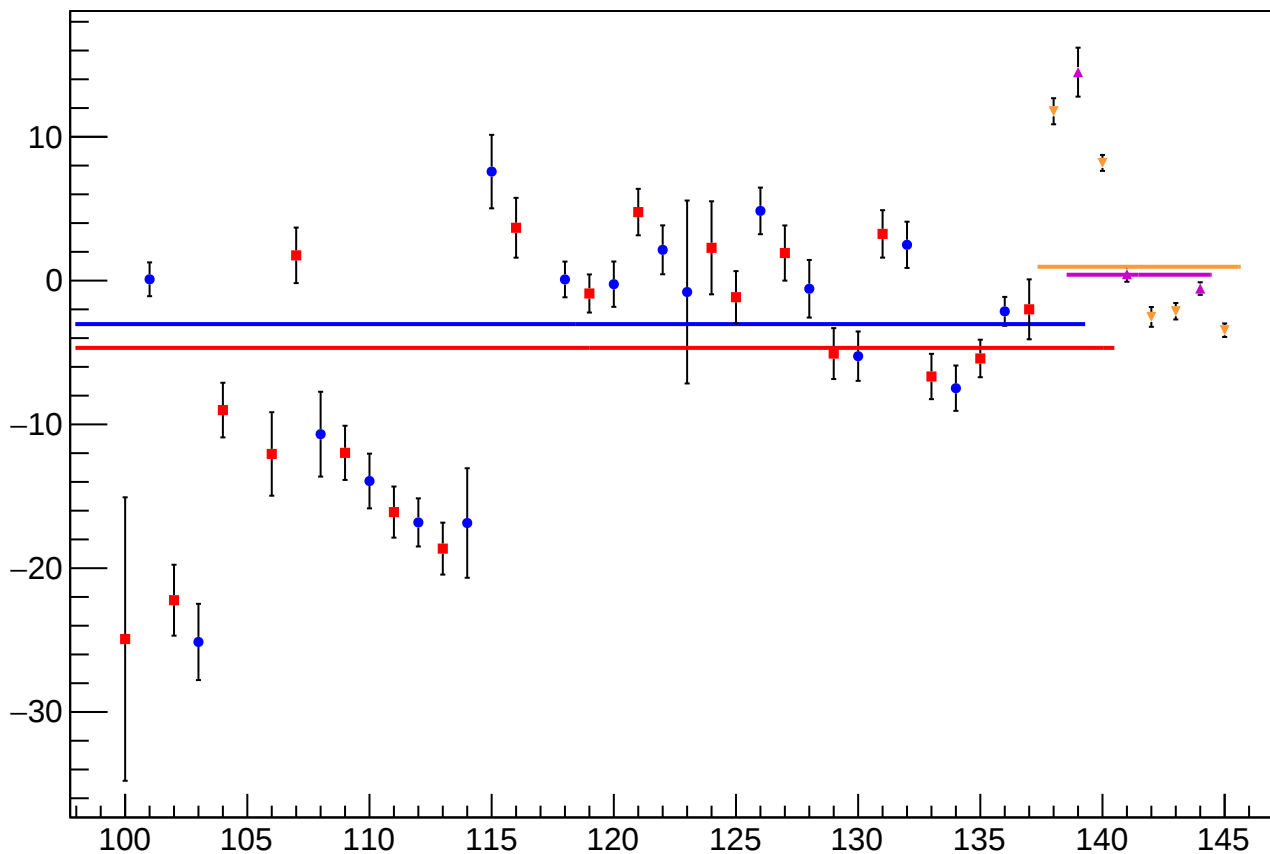
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.252+/-0.423 χ^2/NDF :99.6/2

Out: -20.867+/-0.343 χ^2/NDF :1509.5/4

All: -19.432+/-0.267 χ^2/NDF : 1653.2/7

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 0.963 ± 0.266 χ^2/NDF : 453.6/4

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 0.407 ± 0.331 χ^2/NDF : 73.3/2

Left: 0.745 ± 0.207 χ^2/NDF : 528.6/7

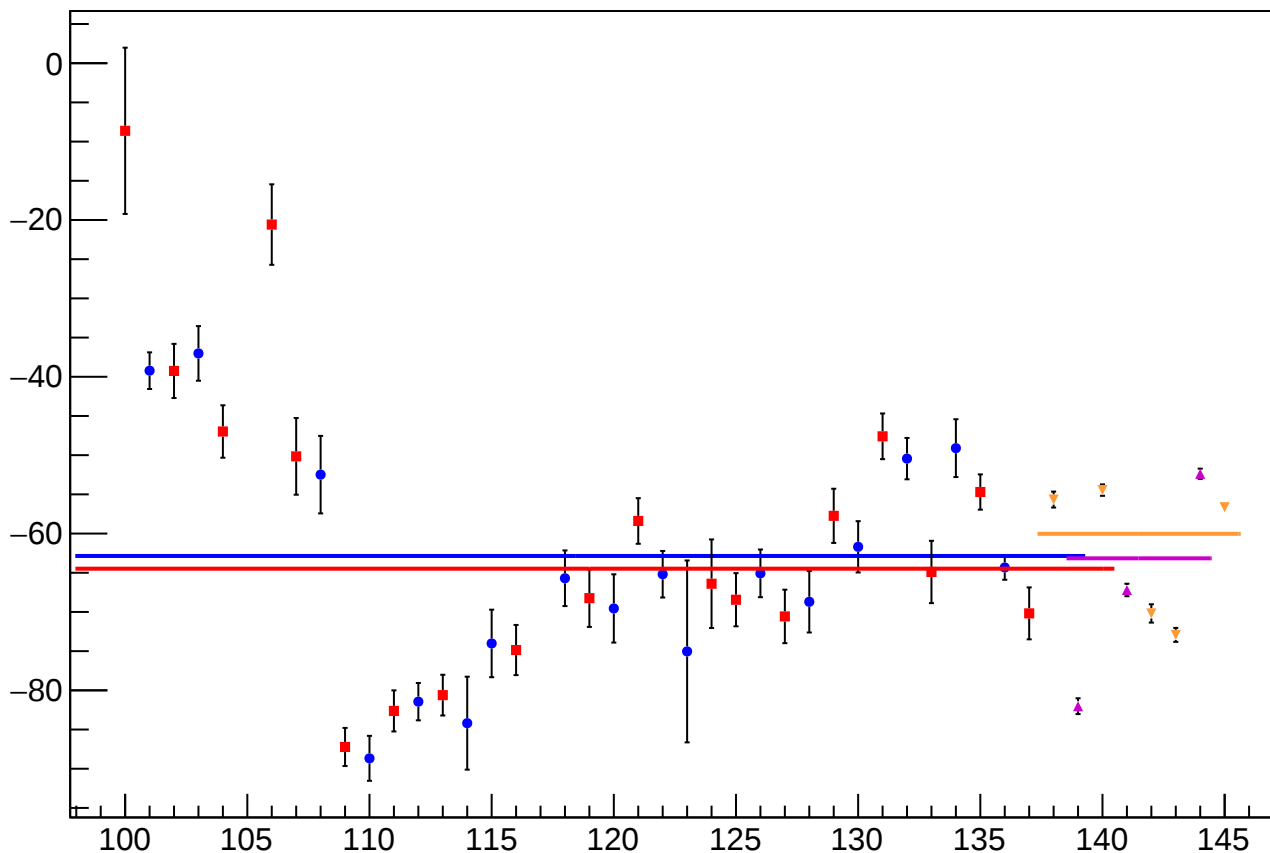
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.955 ± 0.257 χ^2/NDF : 396.6/19

Out: -0.621 ± 0.226 χ^2/NDF : 878.7/23

All: -0.766 ± 0.170 χ^2/NDF : 1276.2/43

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -60.033 ± 0.366 $\chi^2/\text{NDF}: 391.4/4$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -63.160 ± 0.453 $\chi^2/\text{NDF}: 644.2/2$

Left: -61.268 ± 0.285 $\chi^2/\text{NDF}: 1064.4/7$

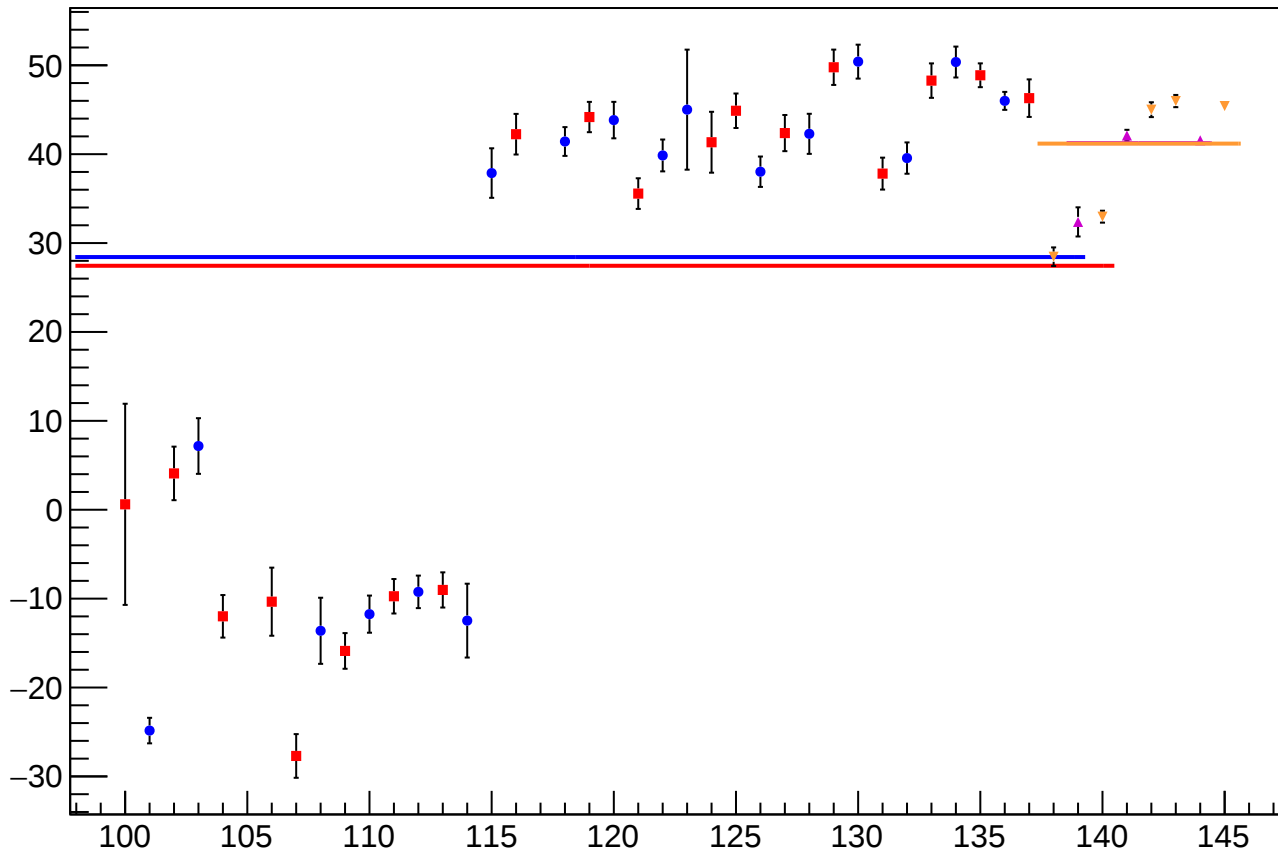
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -63.078 ± 0.386 $\chi^2/\text{NDF}: 1012.0/19$

Out: -60.887 ± 0.329 $\chi^2/\text{NDF}: 863.7/23$

All: -61.808 ± 0.250 $\chi^2/\text{NDF}: 1894.4/43$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.188 $\pm$ 0.316 χ^2 /NDF:426.6/4

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 41.240 $\pm$ 0.391 χ^2 /NDF:31.3/2

Left: 41.208 $\pm$ 0.246 χ^2 /NDF: 458.0/7

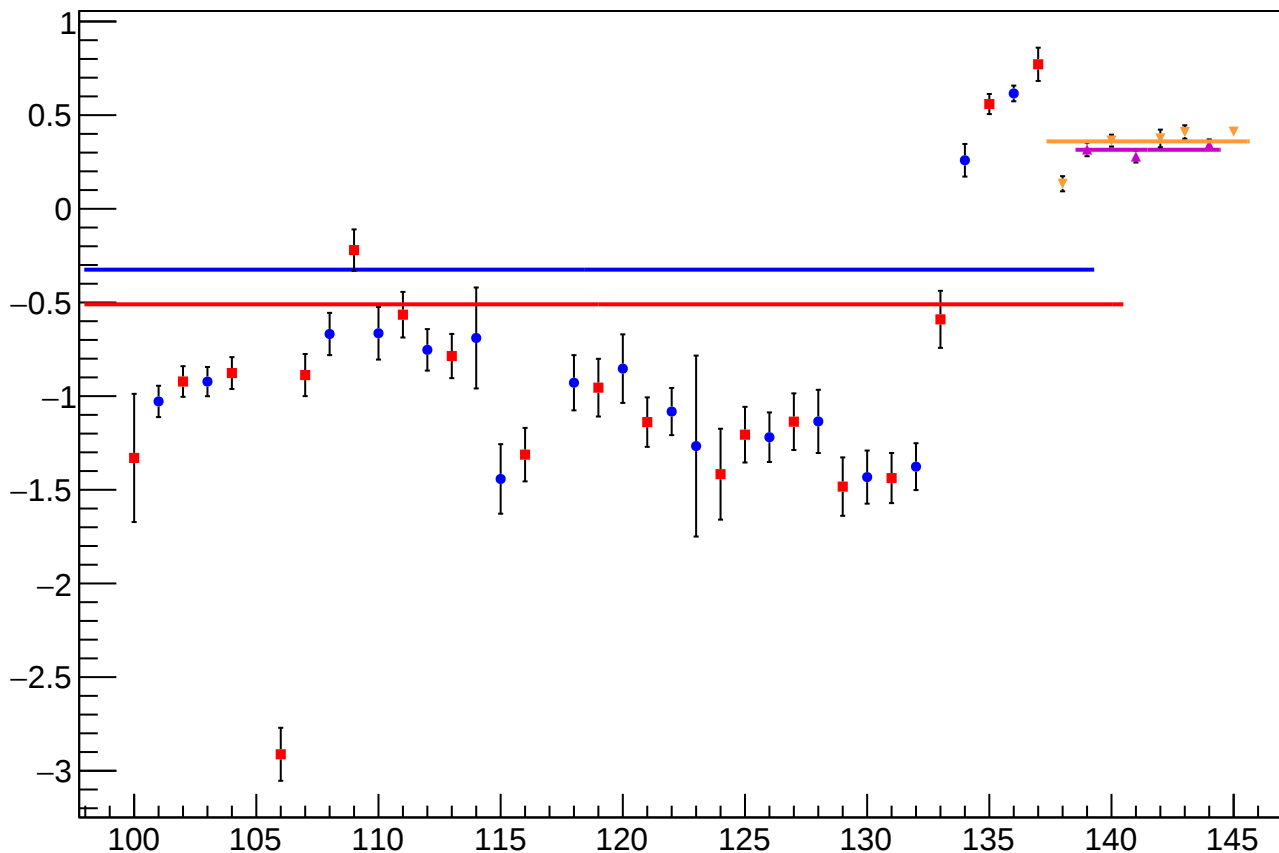
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 35.830 $\pm$ 0.297 χ^2 /NDF:3806.4/19

Out: 37.020 $\pm$ 0.263 χ^2 /NDF:4035.2/23

All: 36.497 $\pm$ 0.197 χ^2 /NDF: 7850.6/43

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.360 ± 0.015 χ^2/NDF : 37.9/4

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.315 ± 0.018 χ^2/NDF : 2.1/2

Left: 0.342 ± 0.012 χ^2/NDF : 43.7/7

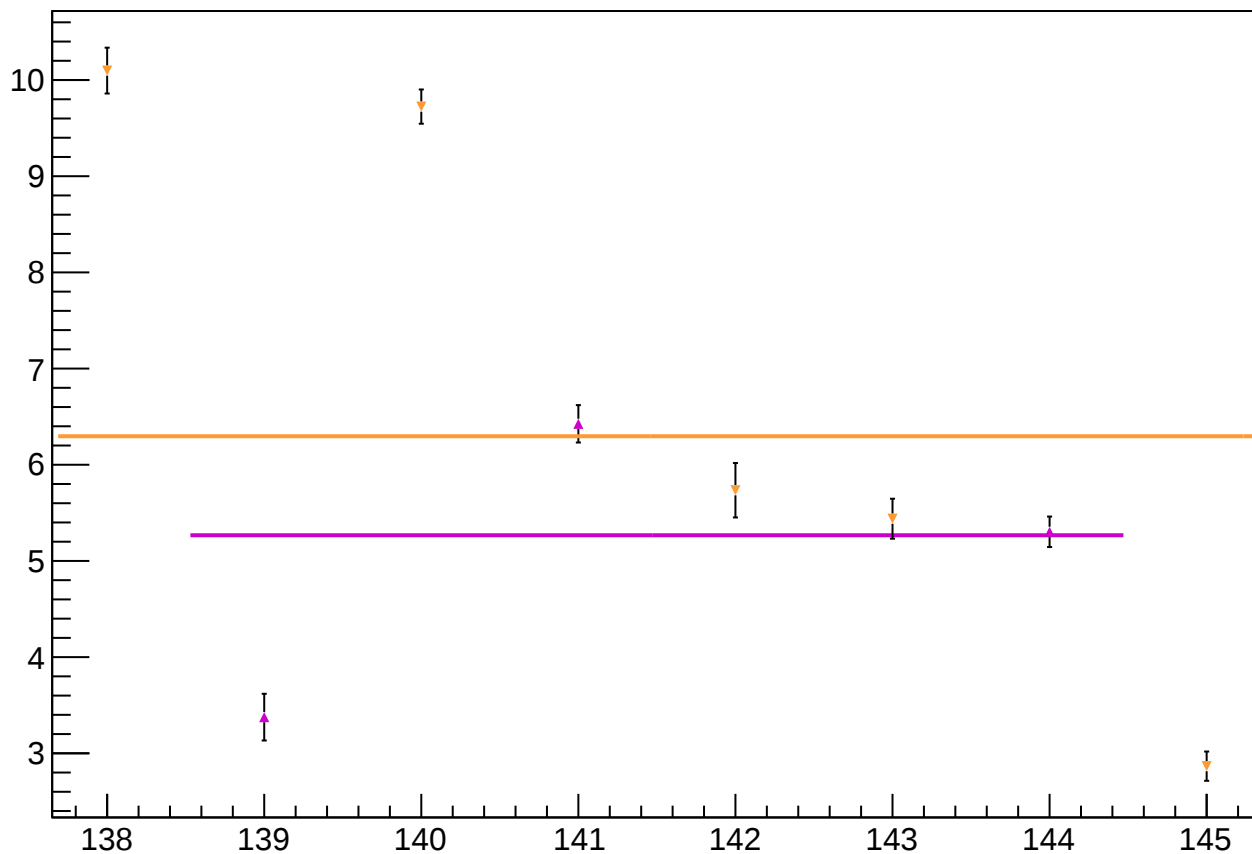
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.091 ± 0.015 χ^2/NDF : 1442.2/19

Out: 0.142 ± 0.013 χ^2/NDF : 2065.8/23

All: 0.120 ± 0.010 χ^2/NDF : 3514.9/43

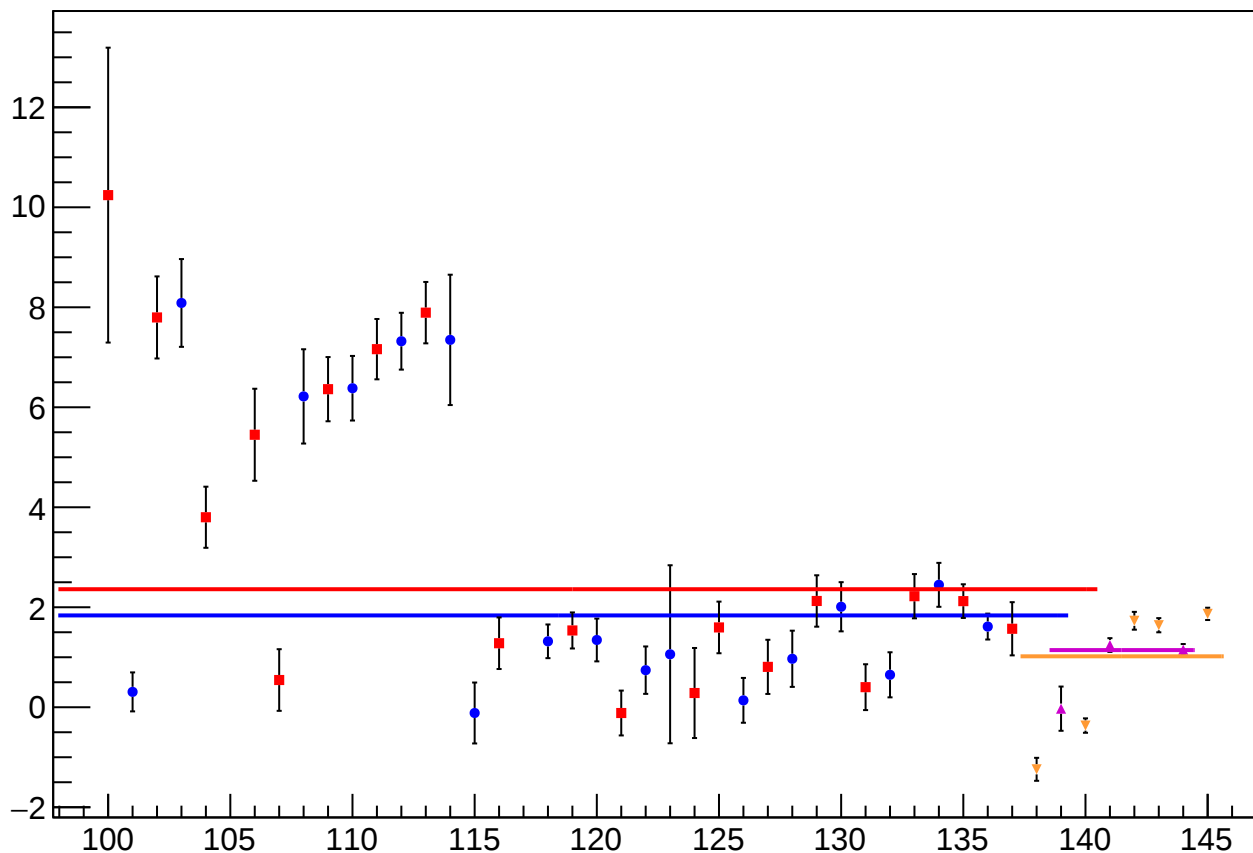
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.297+/-0.088 χ^2/NDF :1154.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.267+/-0.110 χ^2/NDF :96.2/2

Left: 5.891+/-0.069 χ^2/NDF : 1304.0/7
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.267+/-0.110 χ^2/NDF :96.2/2
 Out: 6.297+/-0.088 χ^2/NDF :1154.4/4
 All: 5.891+/-0.069 χ^2/NDF : 1304.0/7

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.019 ± 0.068 χ^2/NDF : 271.9/4

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.143 ± 0.086 χ^2/NDF : 7.6/2

Left: 1.067 ± 0.053 χ^2/NDF : 280.8/7

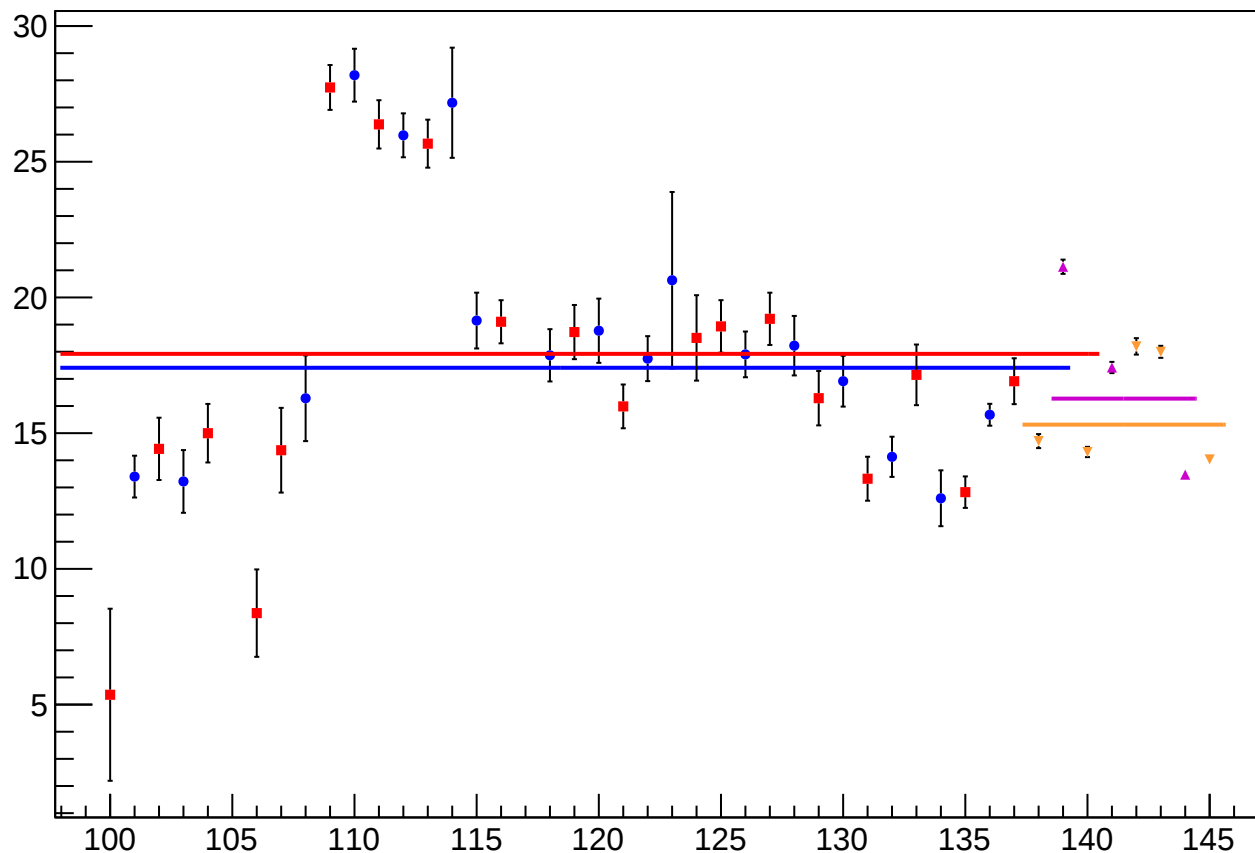
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.387 ± 0.069 χ^2/NDF : 324.7/19

Out: 1.337 ± 0.060 χ^2/NDF : 700.5/23

All: 1.359 ± 0.045 χ^2/NDF : 1025.5/43

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.314 $\pm$ 0.094 χ^2 /NDF:334.1/4

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.273 $\pm$ 0.117 χ^2 /NDF:645.9/2

Left: 15.691 $\pm$ 0.074 χ^2 /NDF: 1020.5/7

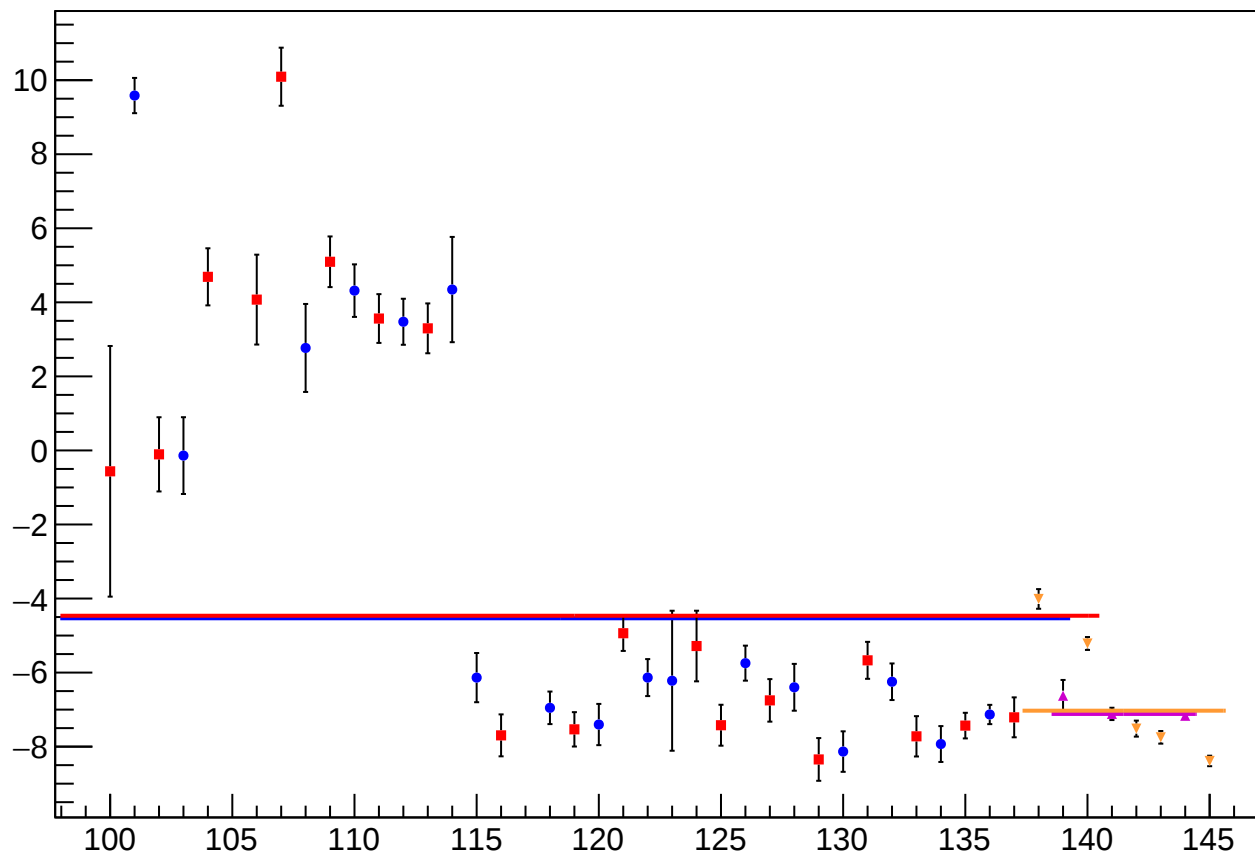
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.539 $\pm$ 0.103 χ^2 /NDF:1033.0/19

Out: 15.723 $\pm$ 0.087 χ^2 /NDF:960.4/23

All: 16.063 $\pm$ 0.066 χ^2 /NDF: 2030.3/43

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.029 ± 0.081 χ^2/NDF : 351.4/4

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.117 ± 0.101 χ^2/NDF : 1.5/2

Left: -7.063 ± 0.063 χ^2/NDF : 353.4/7

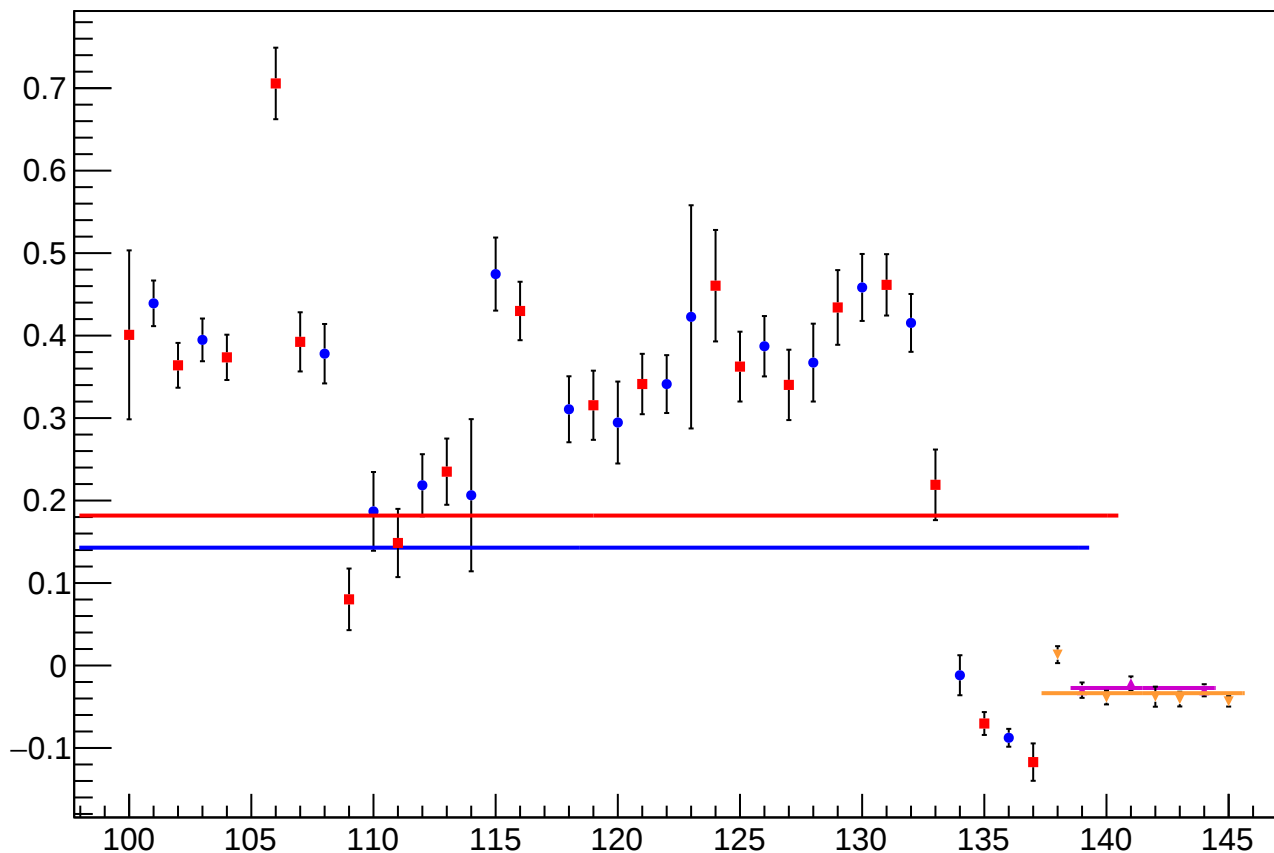
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.138 ± 0.080 χ^2/NDF : 1836.6/19

Out: -6.363 ± 0.070 χ^2/NDF : 1952.2/23

All: -6.266 ± 0.052 χ^2/NDF : 3793.3/43

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.034 $\pm$ 0.004 χ^2 /NDF:24.3/4

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.027 $\pm$ 0.005 χ^2 /NDF:0.7/2

Left: -0.031 $\pm$ 0.003 χ^2 /NDF: 26.1/7

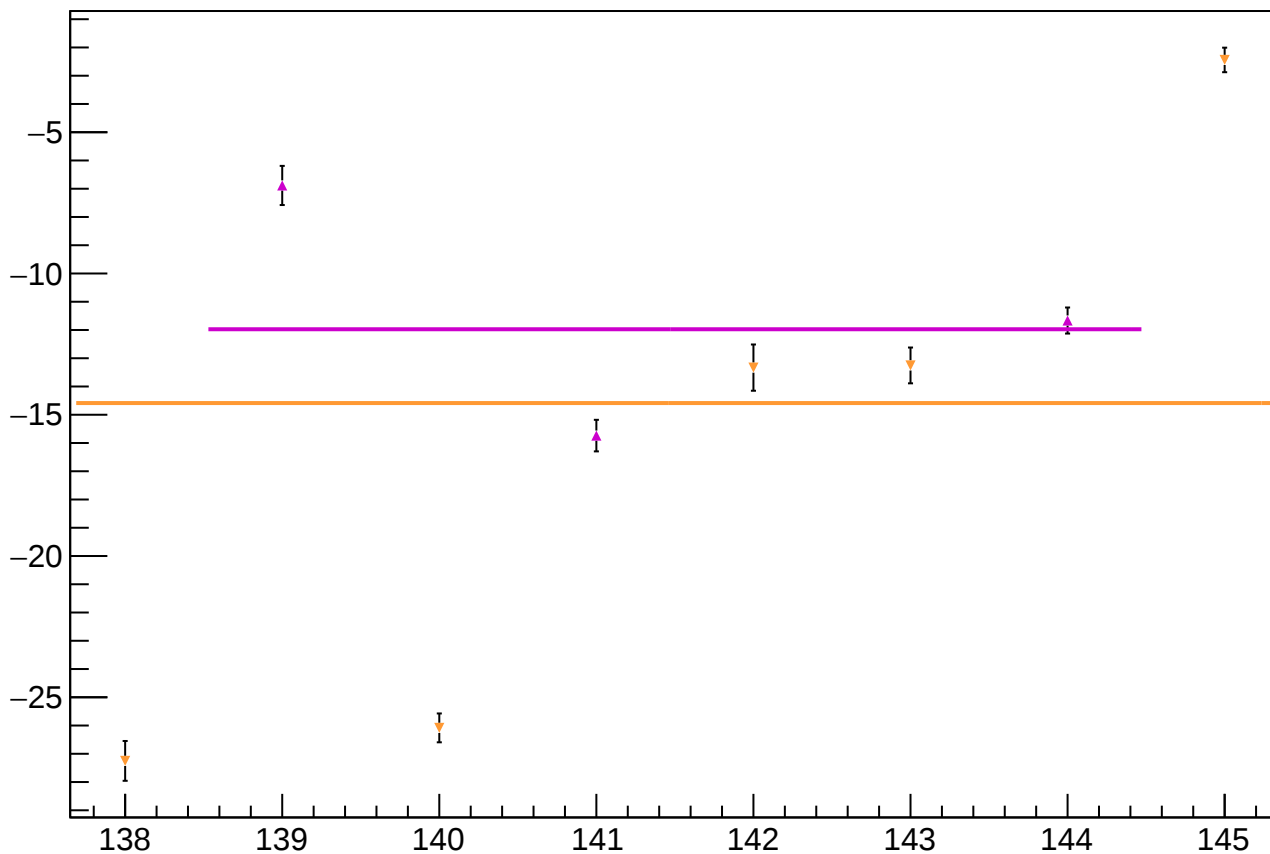
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.026 $\pm$ 0.004 χ^2 /NDF:1459.8/19

Out: 0.012 $\pm$ 0.003 χ^2 /NDF:1703.1/23

All: 0.018 $\pm$ 0.003 χ^2 /NDF: 3169.9/43

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.586+/-0.257 χ^2/NDF :1619.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.974+/-0.316 χ^2/NDF :99.8/2

Left: -13.547+/-0.199 χ^2/NDF : 1760.4/7

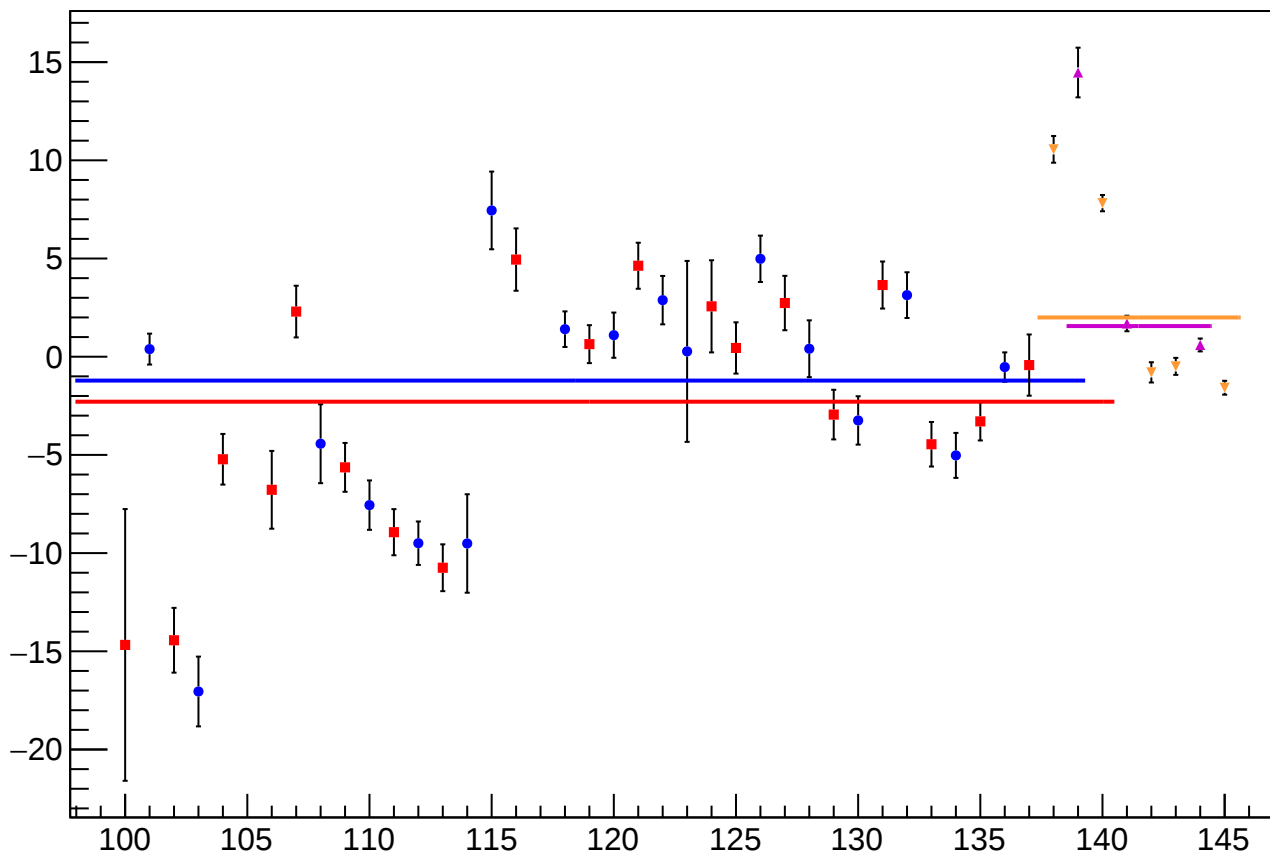
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.974+/-0.316 χ^2/NDF :99.8/2

Out: -14.586+/-0.257 χ^2/NDF :1619.4/4

All: -13.547+/-0.199 χ^2/NDF : 1760.4/7

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 1.999 ± 0.200 χ^2/NDF : 520.4/4

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 1.560 ± 0.248 χ^2/NDF : 112.9/2

Left: 1.826 ± 0.156 χ^2/NDF : 635.2/7

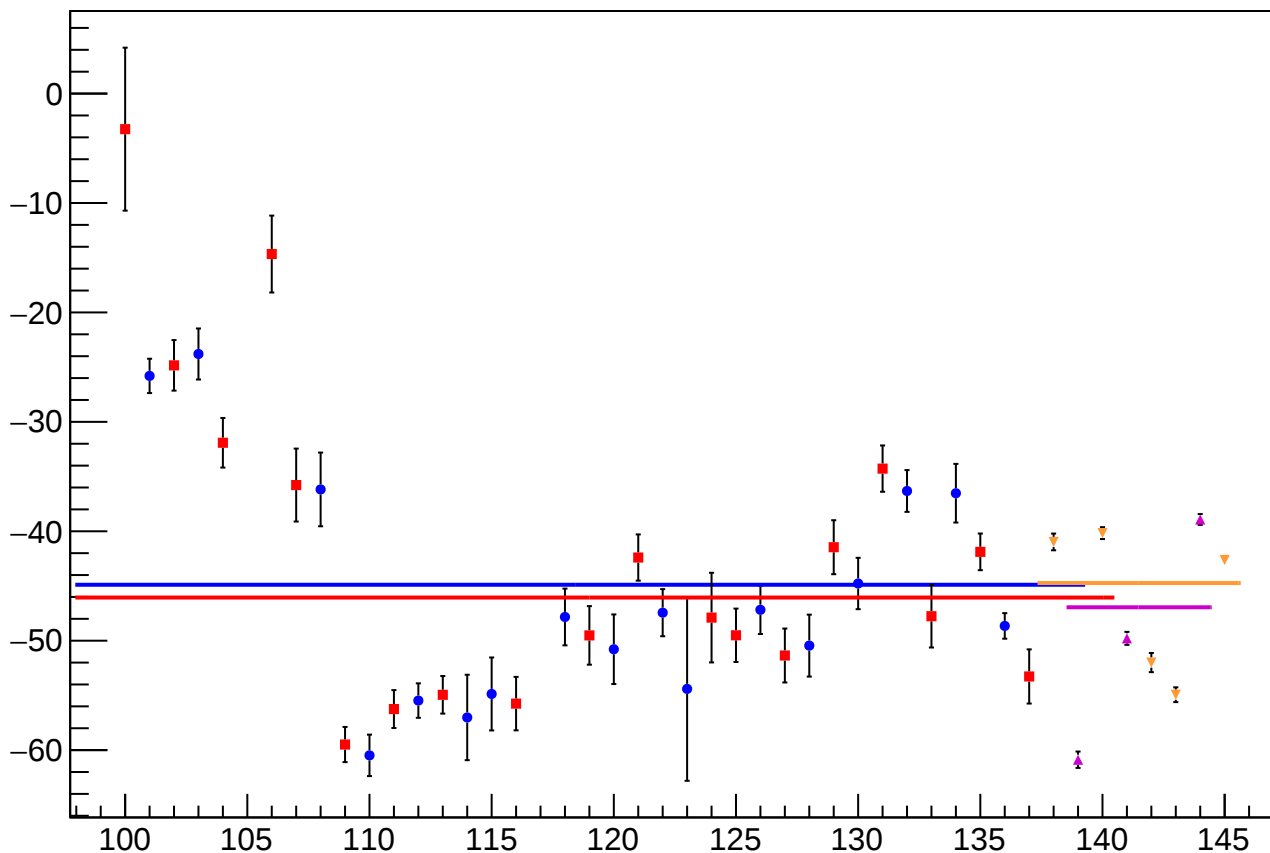
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.390 ± 0.189 χ^2/NDF : 444.4/19

Out: 0.695 ± 0.167 χ^2/NDF : 947.7/23

All: 0.561 ± 0.125 χ^2/NDF : 1393.7/43

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -44.730 ± 0.274 χ^2/NDF : 412.5/4

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -46.946 ± 0.339 χ^2/NDF : 633.3/2

Left: -45.607 ± 0.213 χ^2/NDF : 1071.7/7

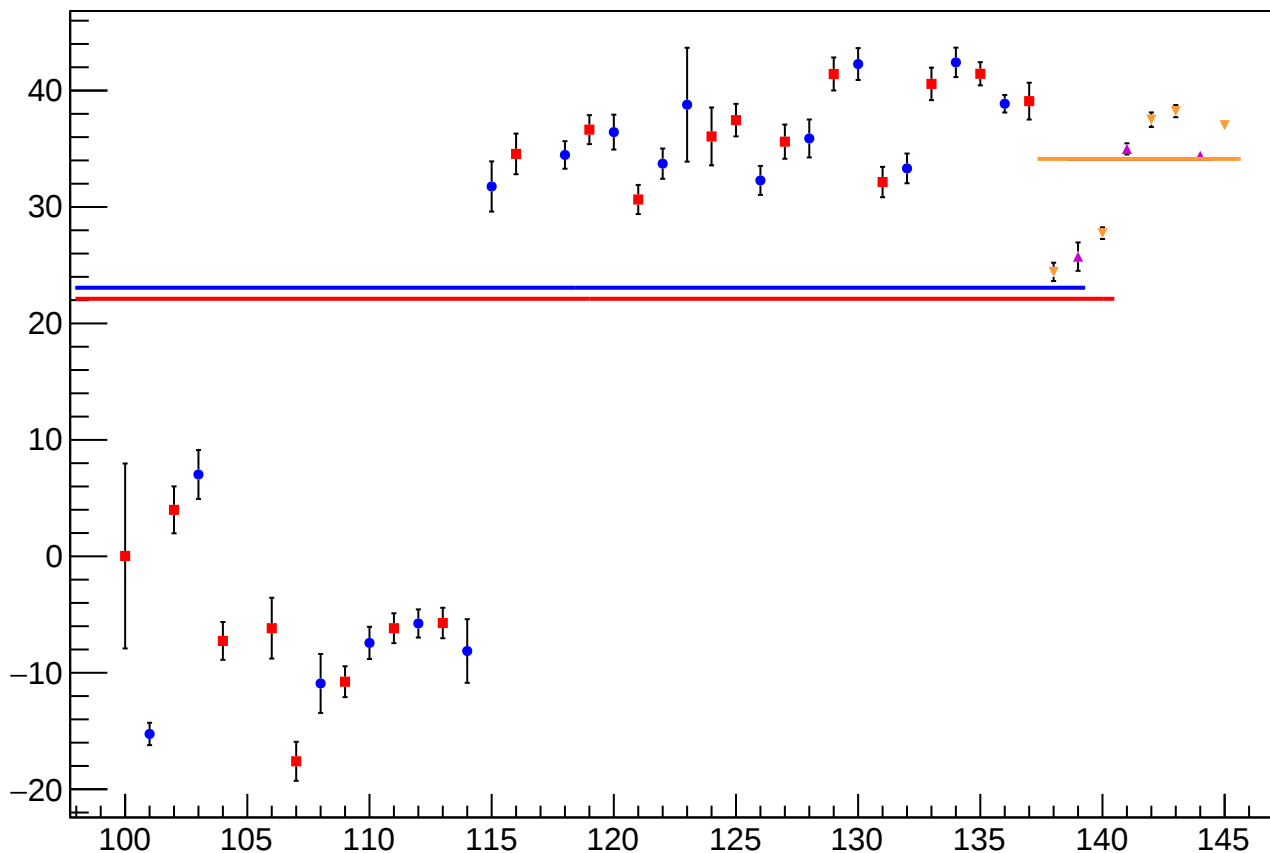
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -46.339 ± 0.284 χ^2/NDF : 1064.6/19

Out: -45.012 ± 0.243 χ^2/NDF : 871.2/23

All: -45.573 ± 0.185 χ^2/NDF : 1948.5/43

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.131 $\pm$ 0.237 χ^2 /NDF:455.2/4

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 34.121 $\pm$ 0.293 χ^2 /NDF:51.1/2

Left: 34.127 $\pm$ 0.184 χ^2 /NDF: 506.4/7

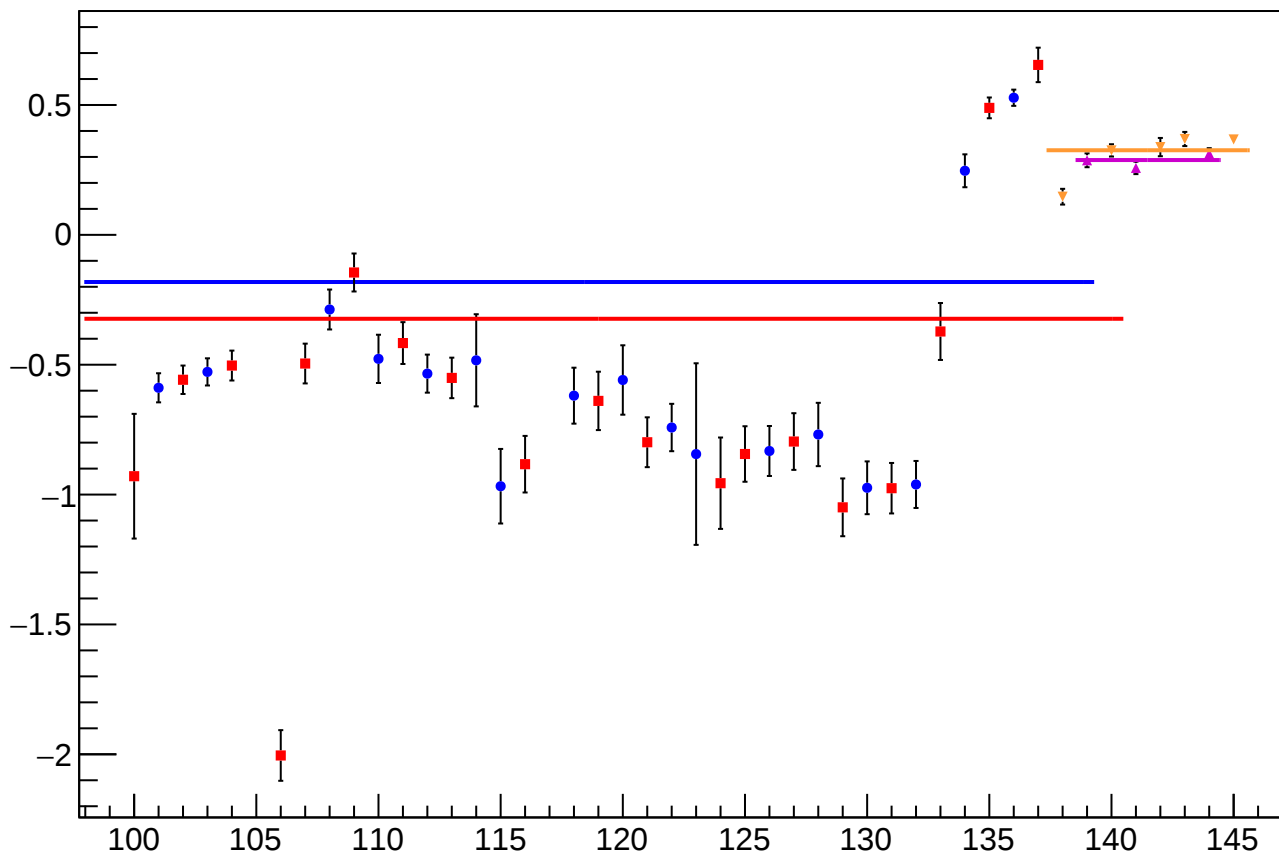
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 29.190 $\pm$ 0.218 χ^2 /NDF:5019.6/19

Out: 30.206 $\pm$ 0.194 χ^2 /NDF:5330.4/23

All: 29.757 $\pm$ 0.145 χ^2 /NDF: 10362.1/43

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.326 ± 0.011 χ^2/NDF : 42.8/4

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.288 ± 0.014 χ^2/NDF : 2.9/2

Left: 0.311 ± 0.009 χ^2/NDF : 50.3/7

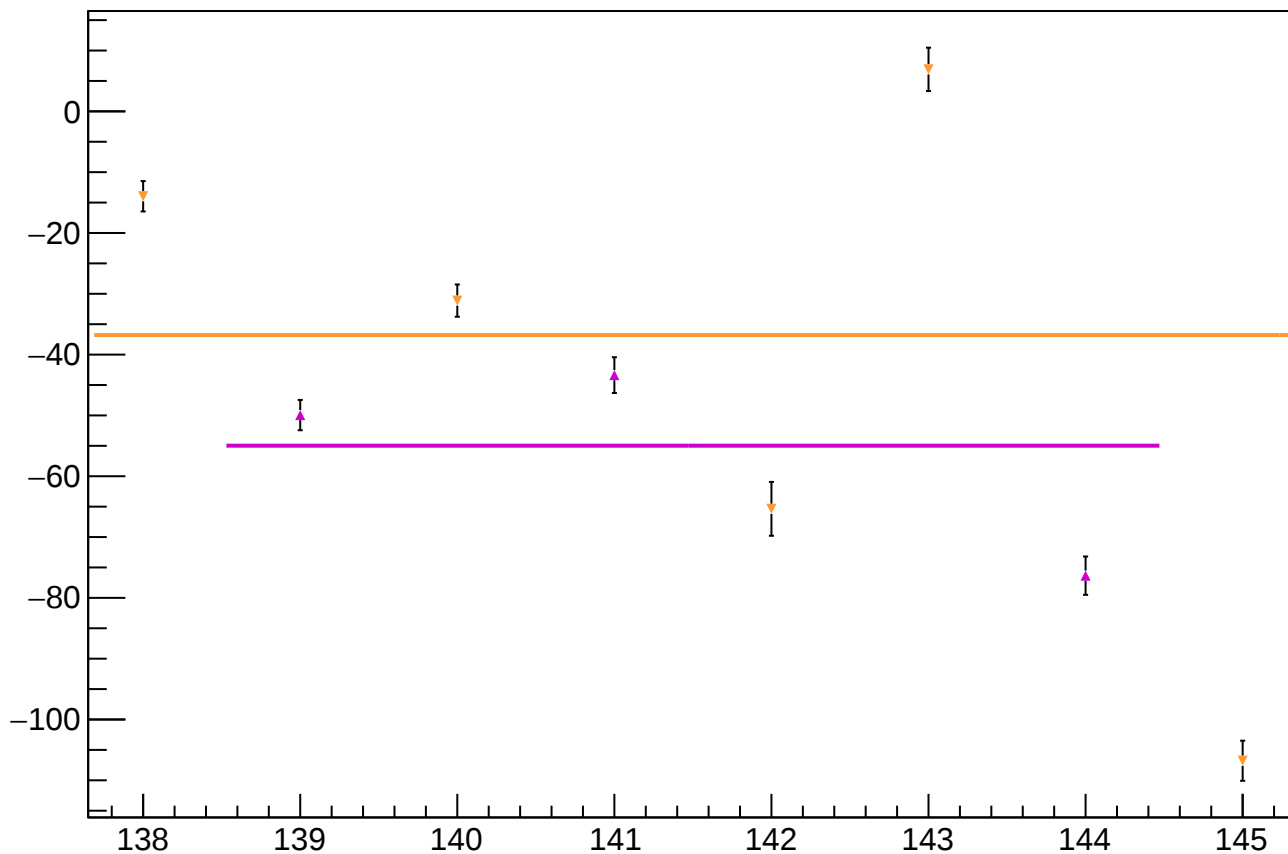
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.113 ± 0.011 χ^2/NDF : 1439.2/19

Out: 0.149 ± 0.009 χ^2/NDF : 2155.3/23

All: 0.133 ± 0.007 χ^2/NDF : 3600.7/43

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.783+/-1.381 χ^2/NDF : 730.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.973+/-1.628 χ^2/NDF : 65.6/2

Left: -44.395+/-1.053 χ^2/NDF : 869.0/7

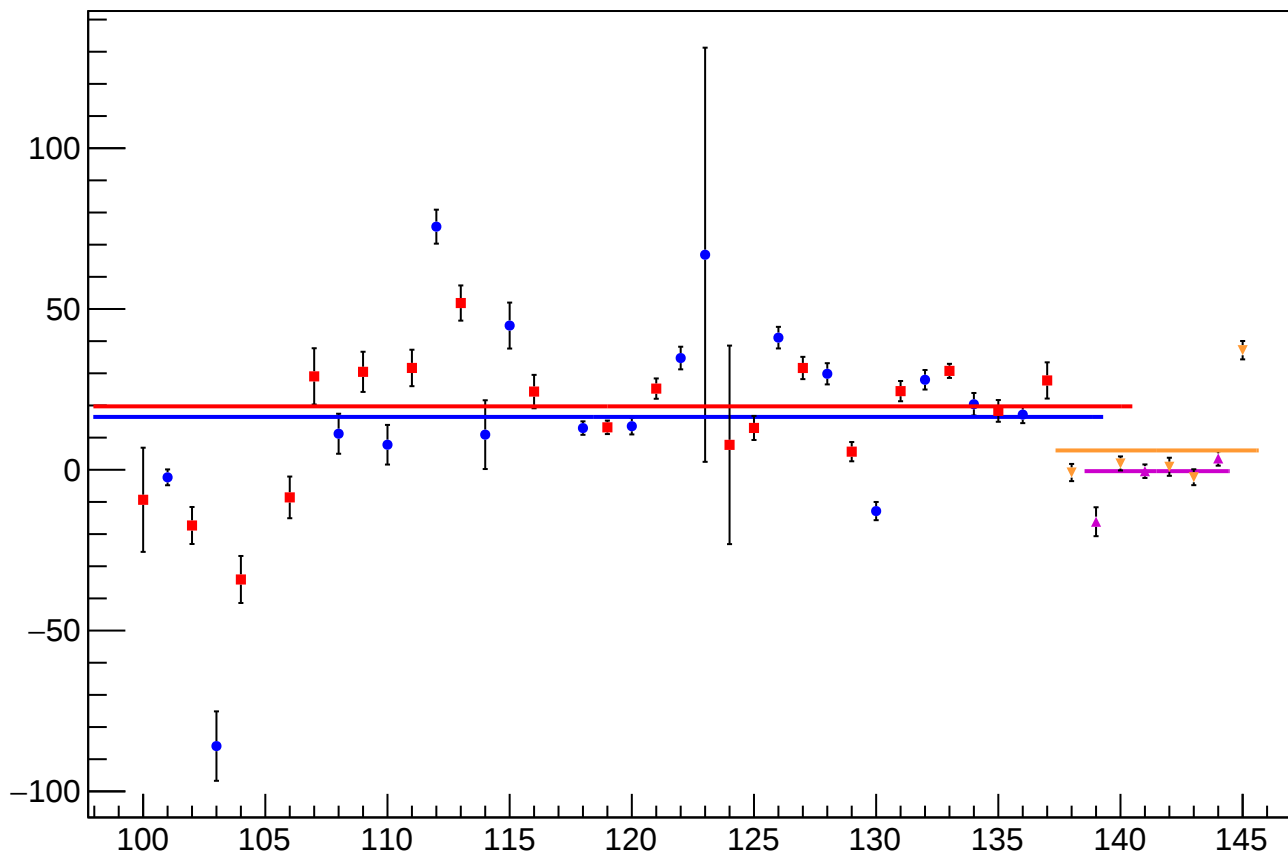
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.973+/-1.628 χ^2/NDF : 65.6/2

Out: -36.783+/-1.381 χ^2/NDF : 730.8/4

All: -44.395+/-1.053 χ^2/NDF : 869.0/7

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.013 $\pm$ 1.145 χ^2 /NDF:143.6/4

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: -0.424 $\pm$ 1.455 χ^2 /NDF:15.3/2

Left: 3.550 $\pm$ 0.900 χ^2 /NDF: 171.0/7

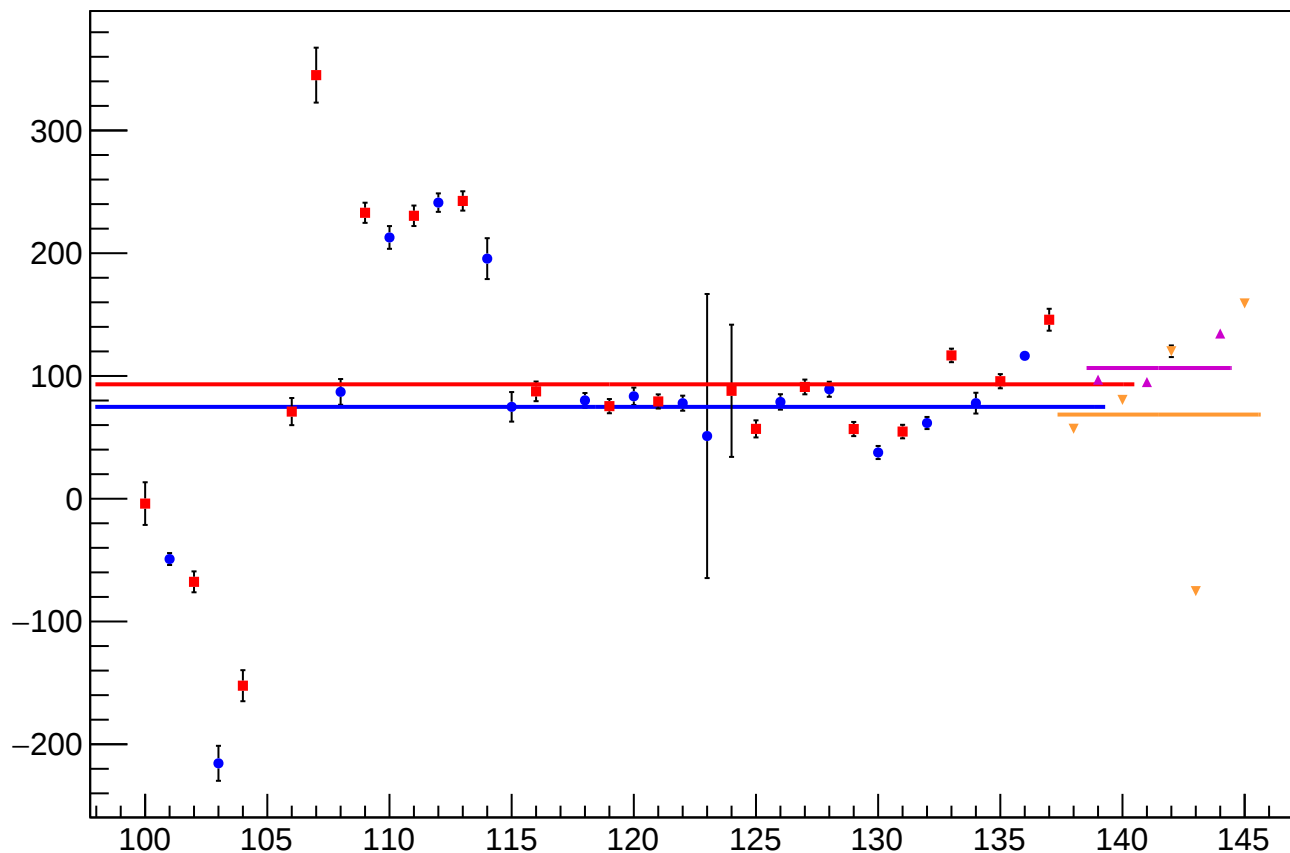
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 12.160 $\pm$ 0.733 χ^2 /NDF:632.5/19

Out: 14.506 $\pm$ 0.707 χ^2 /NDF:474.0/23

All: 13.376 $\pm$ 0.509 χ^2 /NDF: 1111.8/43

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 68.561+/-1.474 χ^2/NDF : 2284.6/4

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 106.483+/-1.747 χ^2/NDF : 95.3/2

Left: 84.324+/-1.126 χ^2/NDF : 2655.1/7

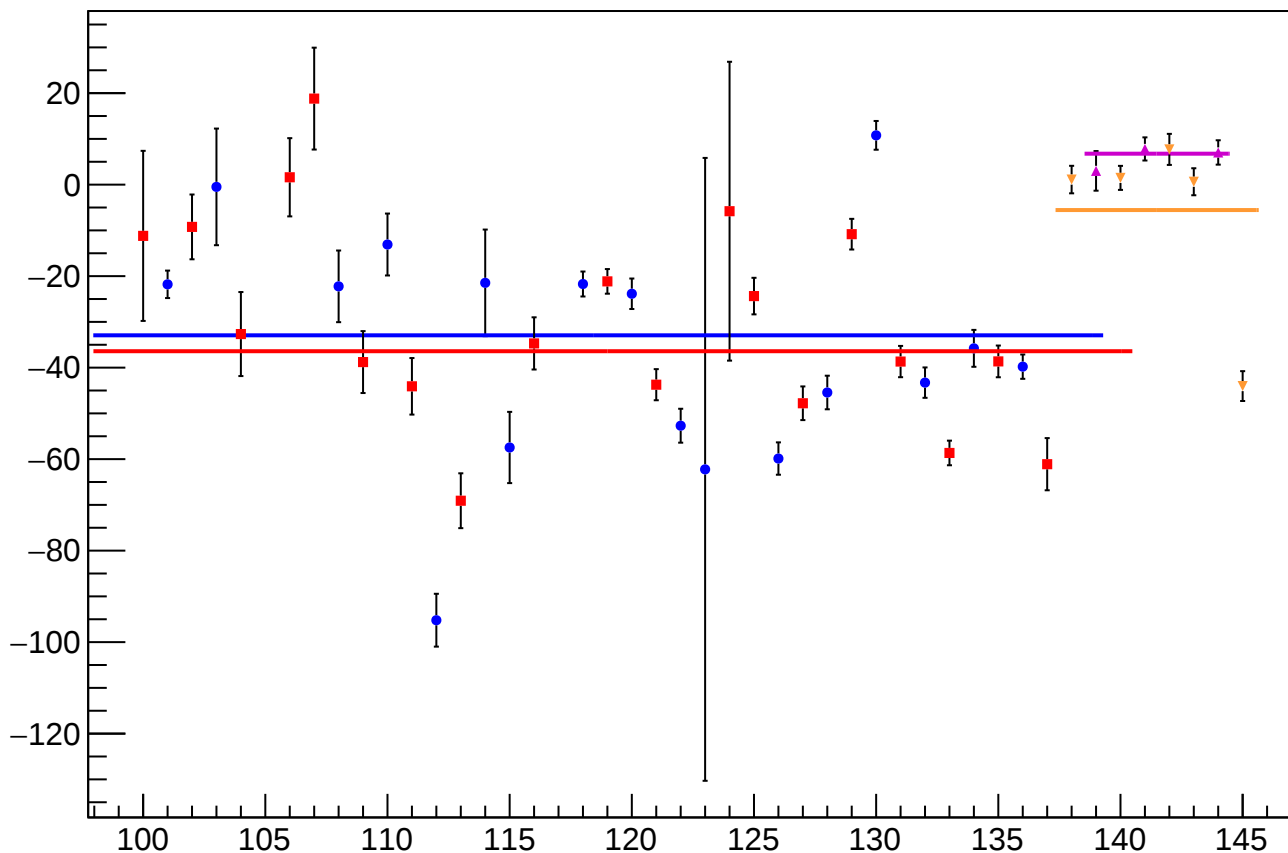
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 89.639+/-1.195 χ^2/NDF : 2266.8/19

Out: 79.050+/-1.117 χ^2/NDF : 4404.4/23

All: 83.986+/-0.816 χ^2/NDF : 6713.0/43

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -5.555 ± 1.347 $\chi^2/\text{NDF}: 171.0/4$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: 6.766 ± 1.689 $\chi^2/\text{NDF}: 0.9/2$

Left: -0.766 ± 1.053 $\chi^2/\text{NDF}: 204.4/7$

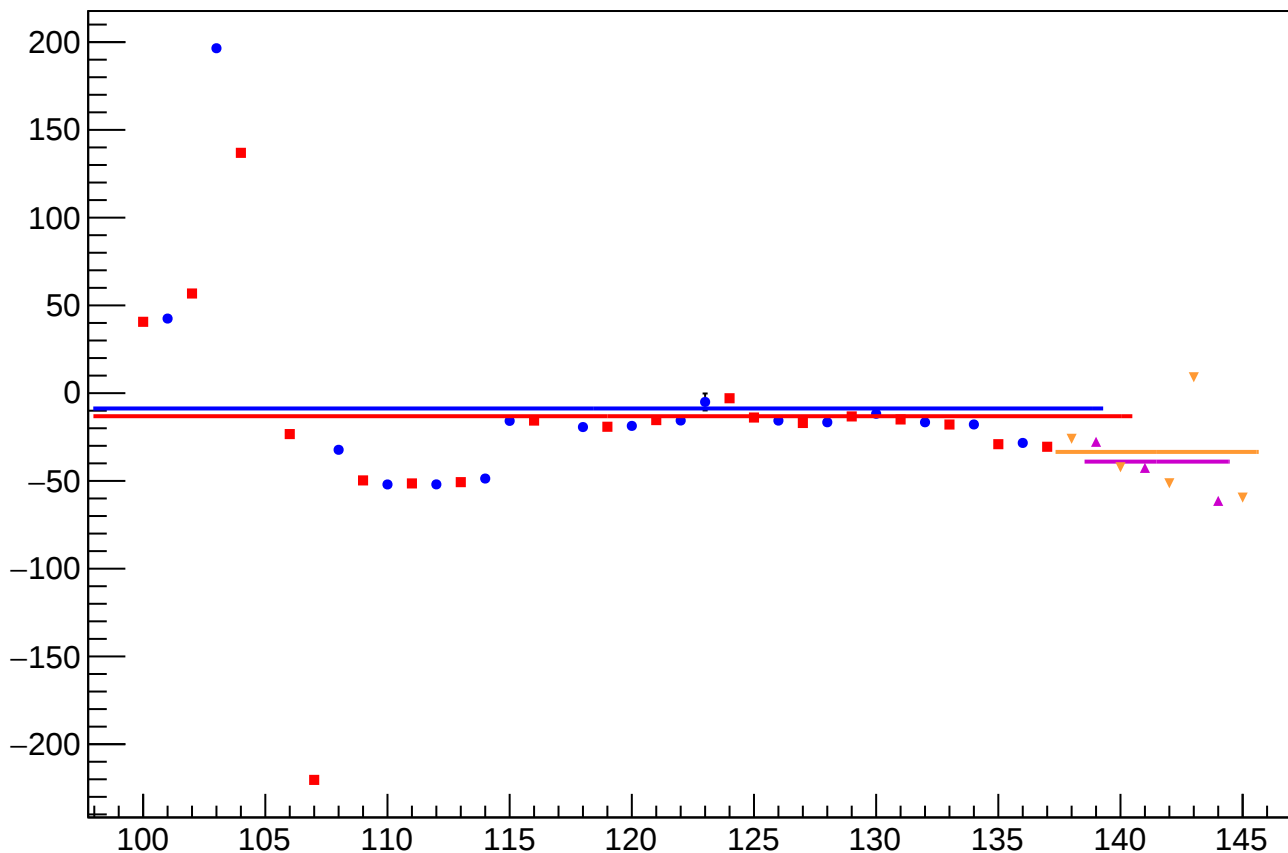
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -23.037 ± 0.843 $\chi^2/\text{NDF}: 906.5/19$

Out: -25.092 ± 0.816 $\chi^2/\text{NDF}: 798.4/23$

All: -24.098 ± 0.586 $\chi^2/\text{NDF}: 1708.0/43$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -33.474 ± 0.060 χ^2/NDF : 133628.5/4

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -39.009 ± 0.068 χ^2/NDF : 37832.3/2

Left: -35.897 ± 0.045 χ^2/NDF : 175238.2/7

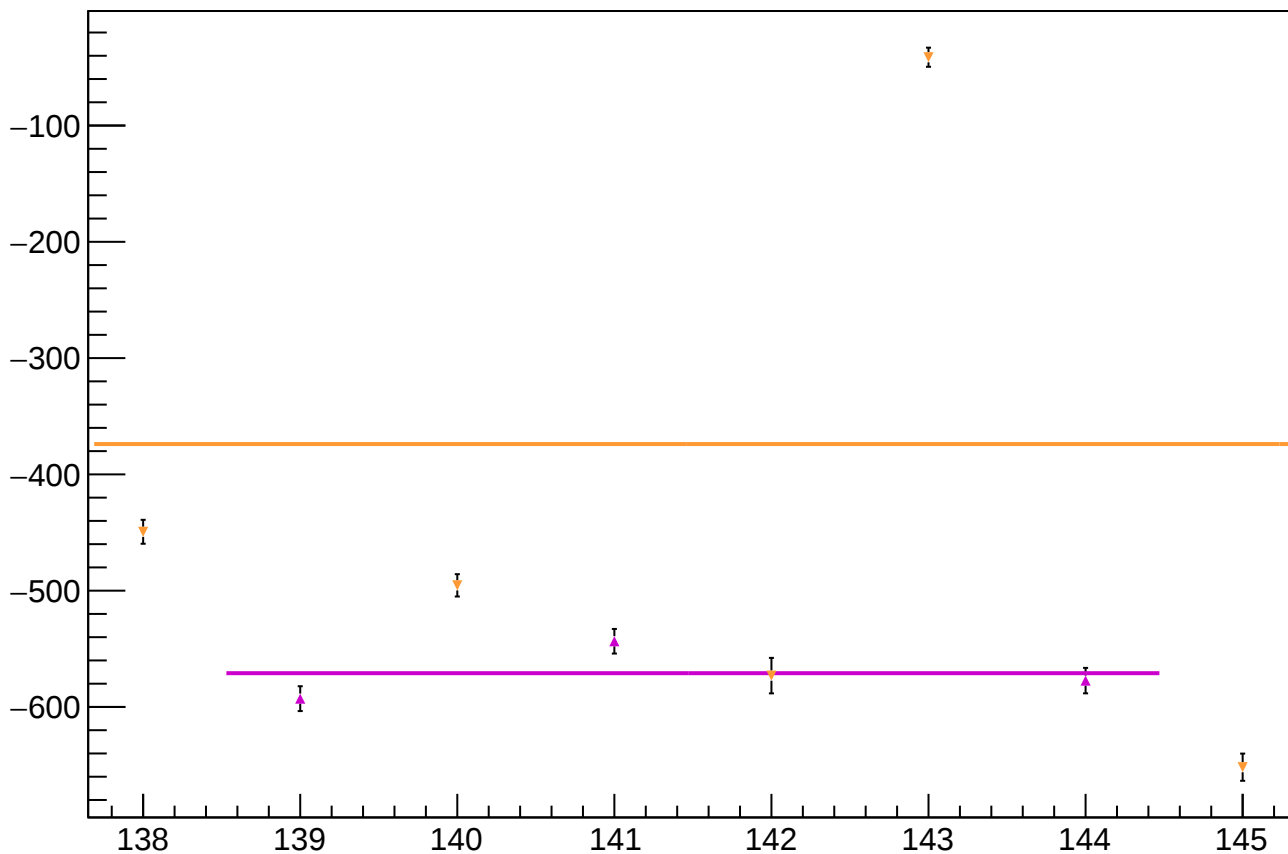
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -21.802 ± 0.044 χ^2/NDF : 727974.4/19

Out: -23.665 ± 0.043 χ^2/NDF : 748429.2/23

All: -22.765 ± 0.031 χ^2/NDF : 1477316.0/43

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -373.916+/-4.629 χ^2/NDF :2584.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -570.963+/-6.197 χ^2/NDF :11.3/2

Left: -444.484+/-3.708 χ^2/NDF : 3244.7/7

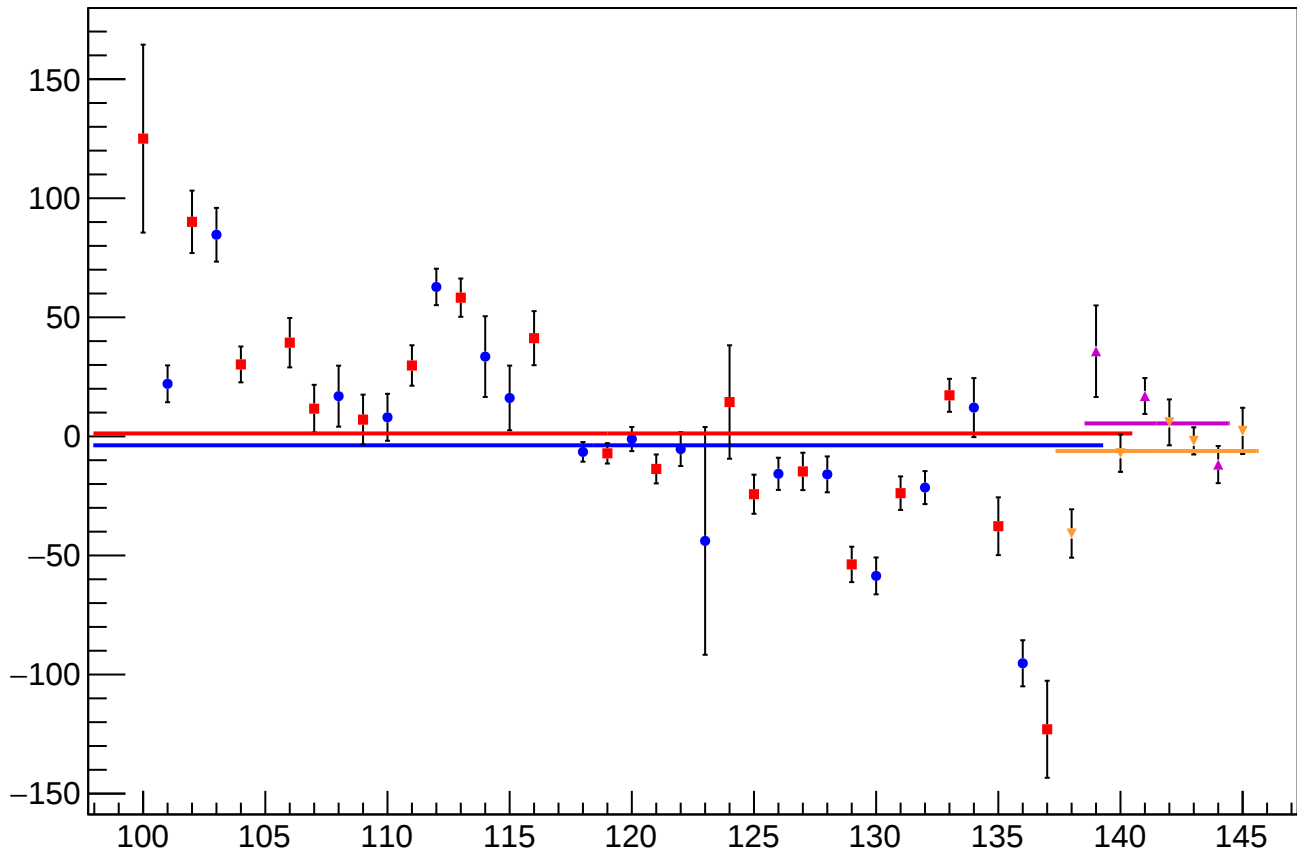
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -570.963+/-6.197 χ^2/NDF :11.3/2

Out: -373.916+/-4.629 χ^2/NDF :2584.3/4

All: -444.484+/-3.708 χ^2/NDF : 3244.7/7

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -6.142 ± 3.580 χ^2/NDF : 14.5/4

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 5.456 ± 5.215 χ^2/NDF : 9.7/2

Left: -2.427 ± 2.952 χ^2/NDF : 27.6/7

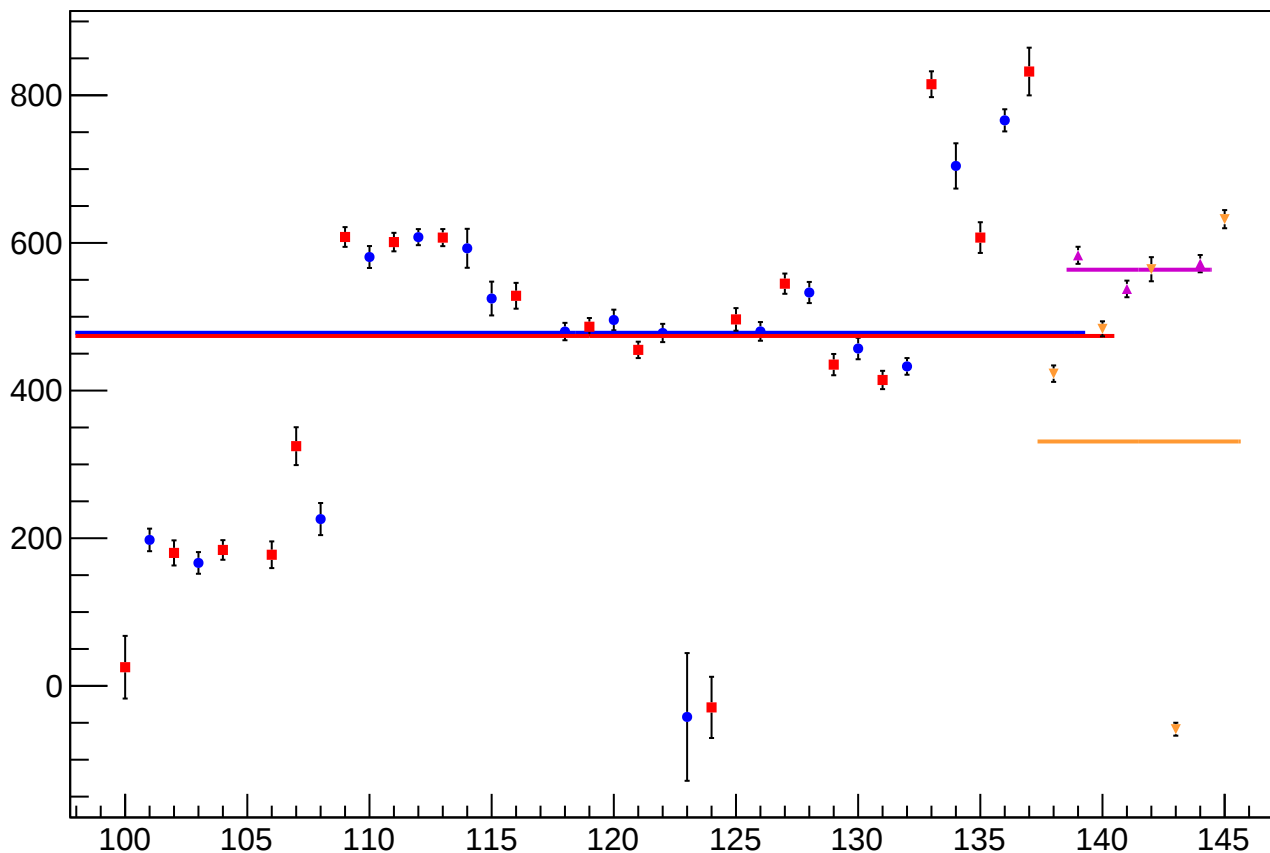
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -2.673 ± 1.778 χ^2/NDF : 326.6/19

Out: -0.403 ± 1.689 χ^2/NDF : 321.3/23

All: -1.479 ± 1.225 χ^2/NDF : 648.8/43

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 331.045+/-4.941 χ^2/NDF :3067.2/4

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 563.719+/-6.642 χ^2/NDF :8.7/2

Left: 413.943+/-3.965 χ^2/NDF : 3865.8/7

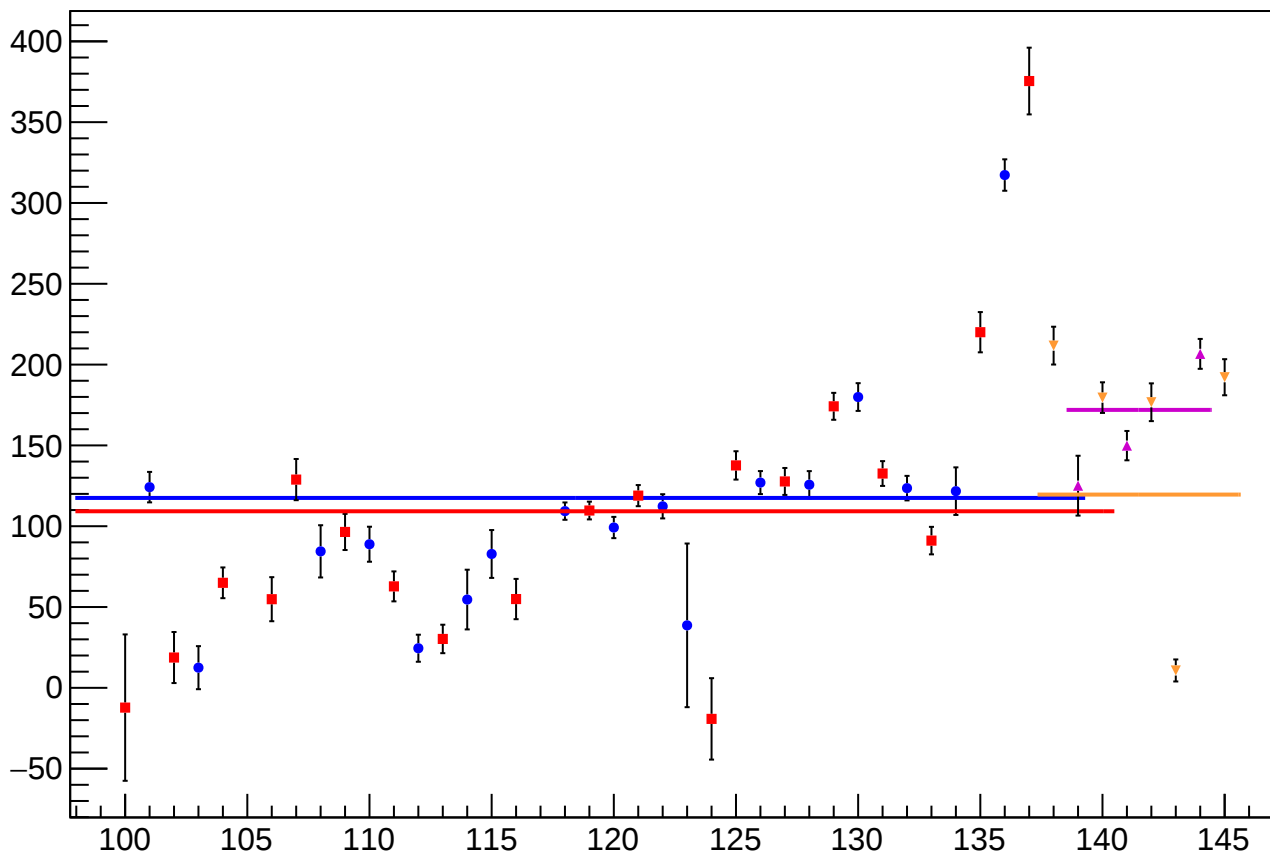
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 497.987+/-3.191 χ^2/NDF :1763.9/19

Out: 425.697+/-2.872 χ^2/NDF :5909.6/23

All: 458.050+/-2.135 χ^2/NDF : 7957.1/43

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 119.573 $\pm$ 4.252 χ^2 /NDF:423.3/4

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 171.972 $\pm$ 6.115 χ^2 /NDF:26.4/2

Left: 136.651 $\pm$ 3.491 χ^2 /NDF: 499.2/7

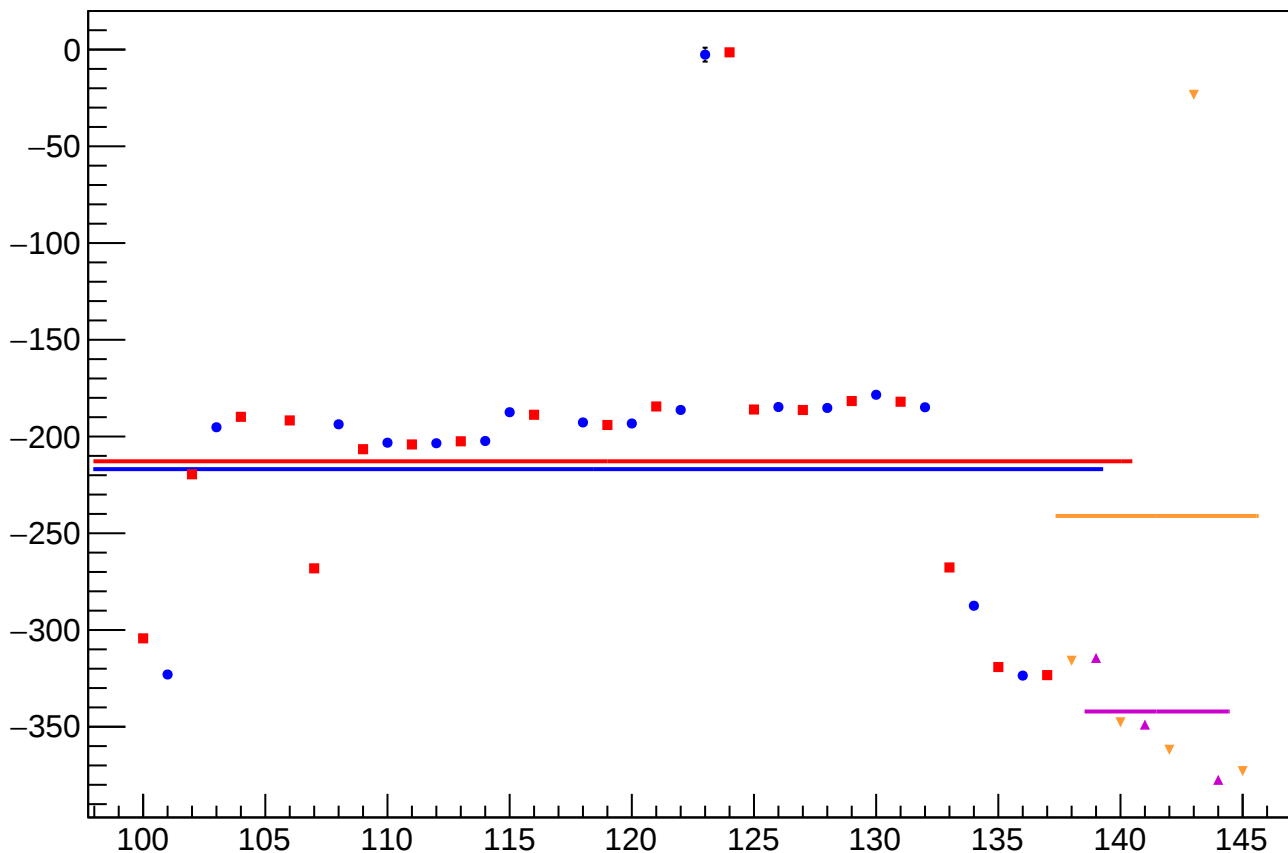
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 123.733 $\pm$ 2.068 χ^2 /NDF:802.6/19

Out: 111.437 $\pm$ 1.958 χ^2 /NDF:997.3/23

All: 117.249 $\pm$ 1.422 χ^2 /NDF: 1818.6/43

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -241.043+/-0.201 χ^2/NDF : 574892.8/4

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -342.113+/-0.261 χ^2/NDF : 9600.0/2

Left: -278.669+/-0.159 χ^2/NDF : 678466.1/7

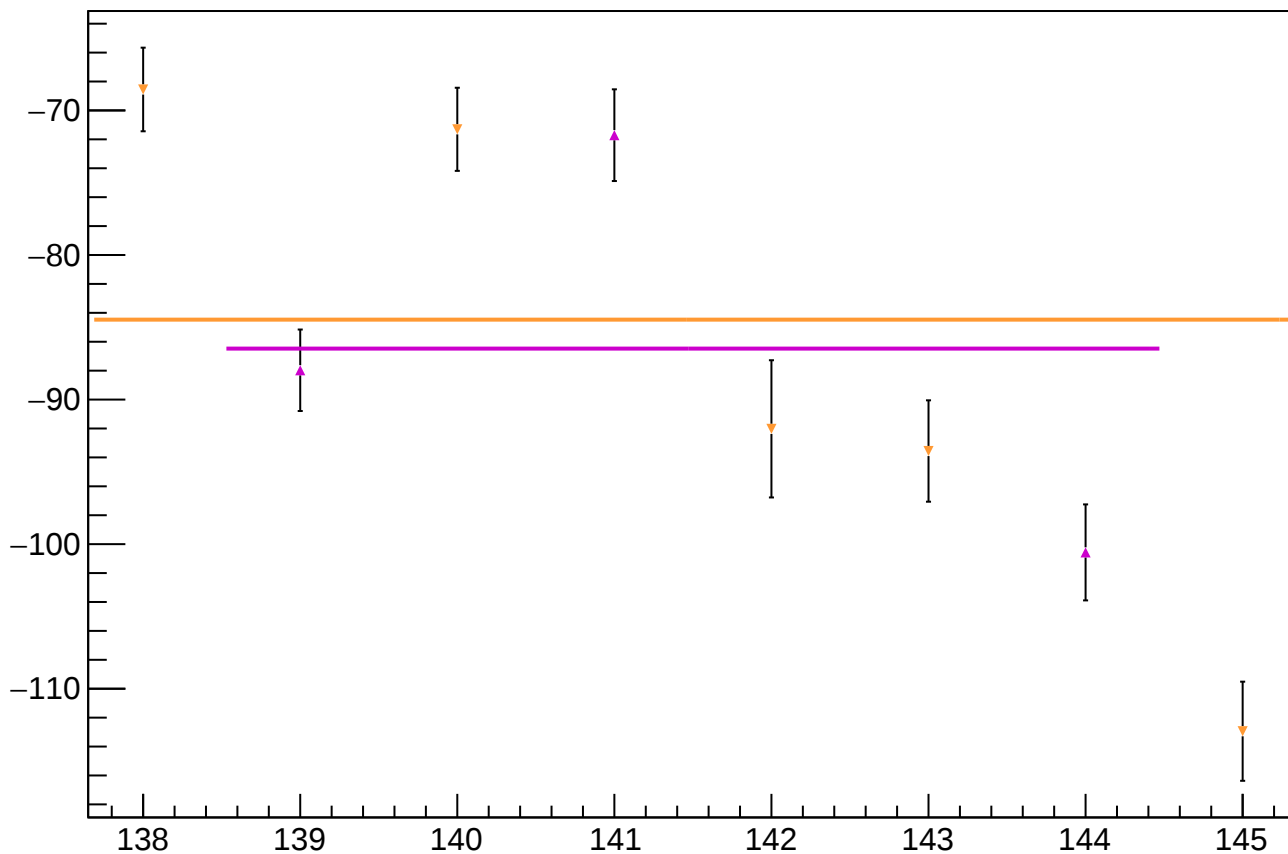
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -243.523+/-0.121 χ^2/NDF : 337506.6/19

Out: -221.121+/-0.109 χ^2/NDF : 705391.1/23

All: -231.223+/-0.081 χ^2/NDF : 1061866.5/43

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.471+/-1.488 χ^2/NDF :129.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -86.474+/-1.779 χ^2/NDF :40.0/2

Left: -85.296+/-1.141 χ^2/NDF : 170.2/7

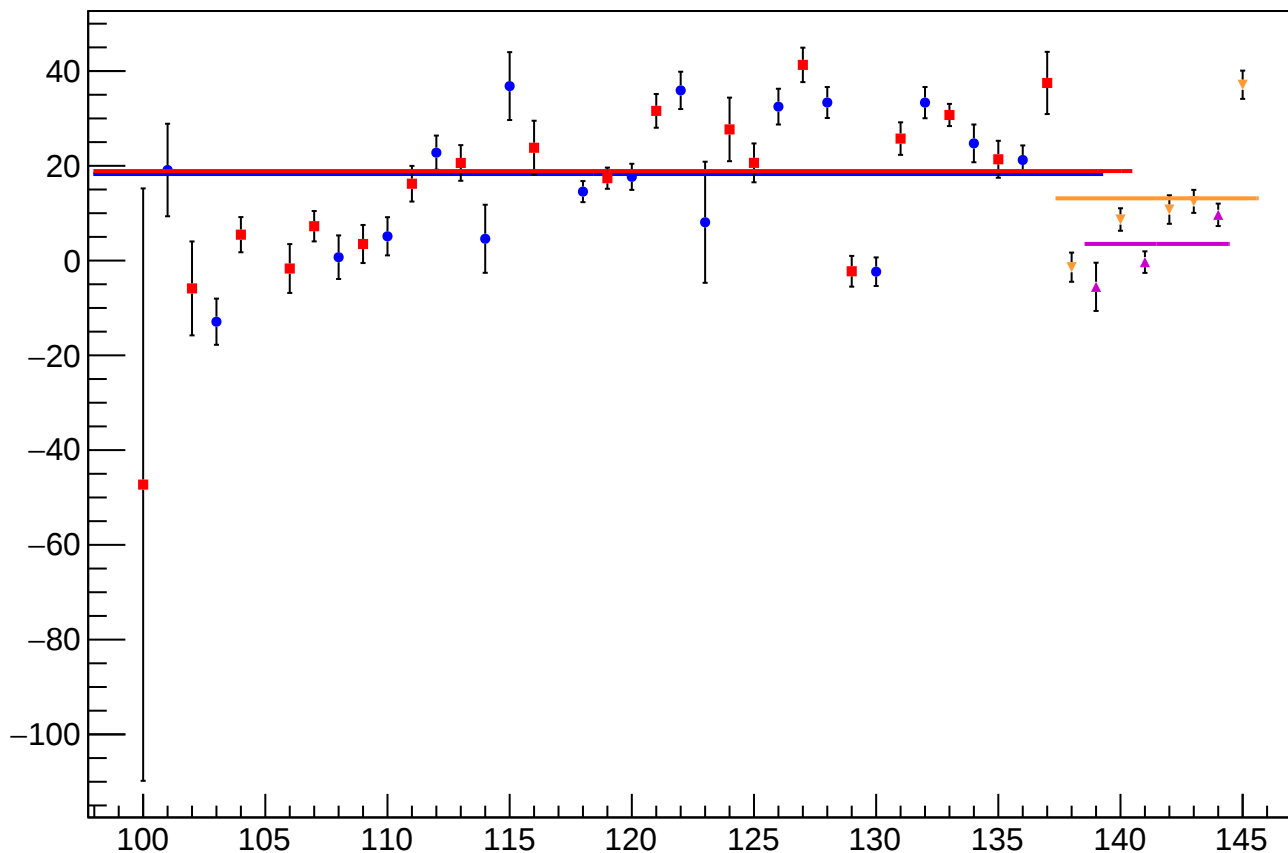
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.474+/-1.779 χ^2/NDF :40.0/2

Out: -84.471+/-1.488 χ^2/NDF :129.5/4

All: -85.296+/-1.141 χ^2/NDF : 170.2/7

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 13.141 ± 1.217 $\chi^2/\text{NDF}: 91.1/4$

Right Out: 18.897 ± 0.864 $\chi^2/\text{NDF}: 199.2/18$

Left In: 3.520 ± 1.562 $\chi^2/\text{NDF}: 12.7/2$

Left: 9.507 ± 0.960 $\chi^2/\text{NDF}: 127.5/7$

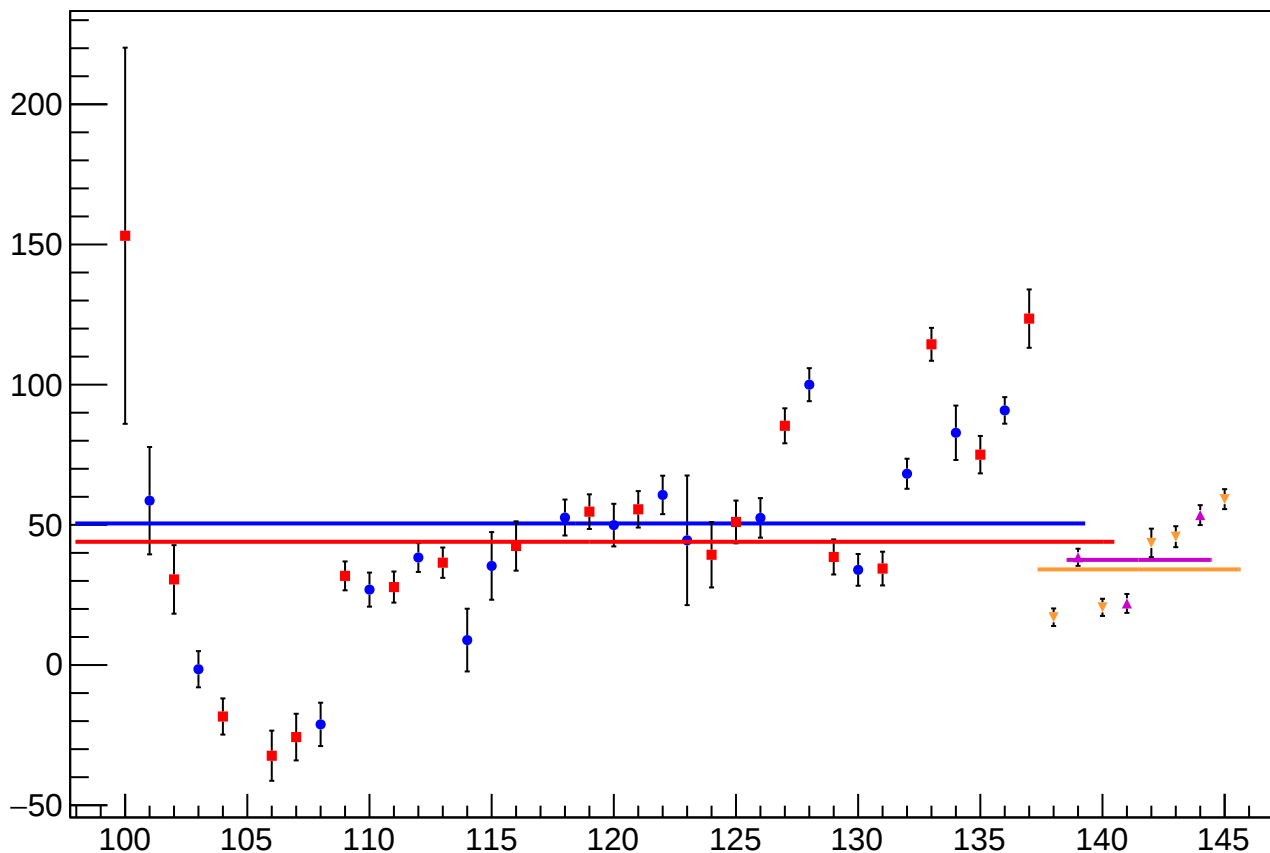
Right: 18.598 ± 0.626 $\chi^2/\text{NDF}: 407.8/35$

In: 14.552 ± 0.784 $\chi^2/\text{NDF}: 287.7/19$

Out: 16.967 ± 0.705 $\chi^2/\text{NDF}: 305.2/23$

All: 15.888 ± 0.524 $\chi^2/\text{NDF}: 598.2/43$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 34.108 $\pm$ 1.586 χ^2 /NDF:111.9/4

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 37.506 $\pm$ 1.908 χ^2 /NDF:41.5/2

Left: 35.497 $\pm$ 1.220 χ^2 /NDF: 155.3/7

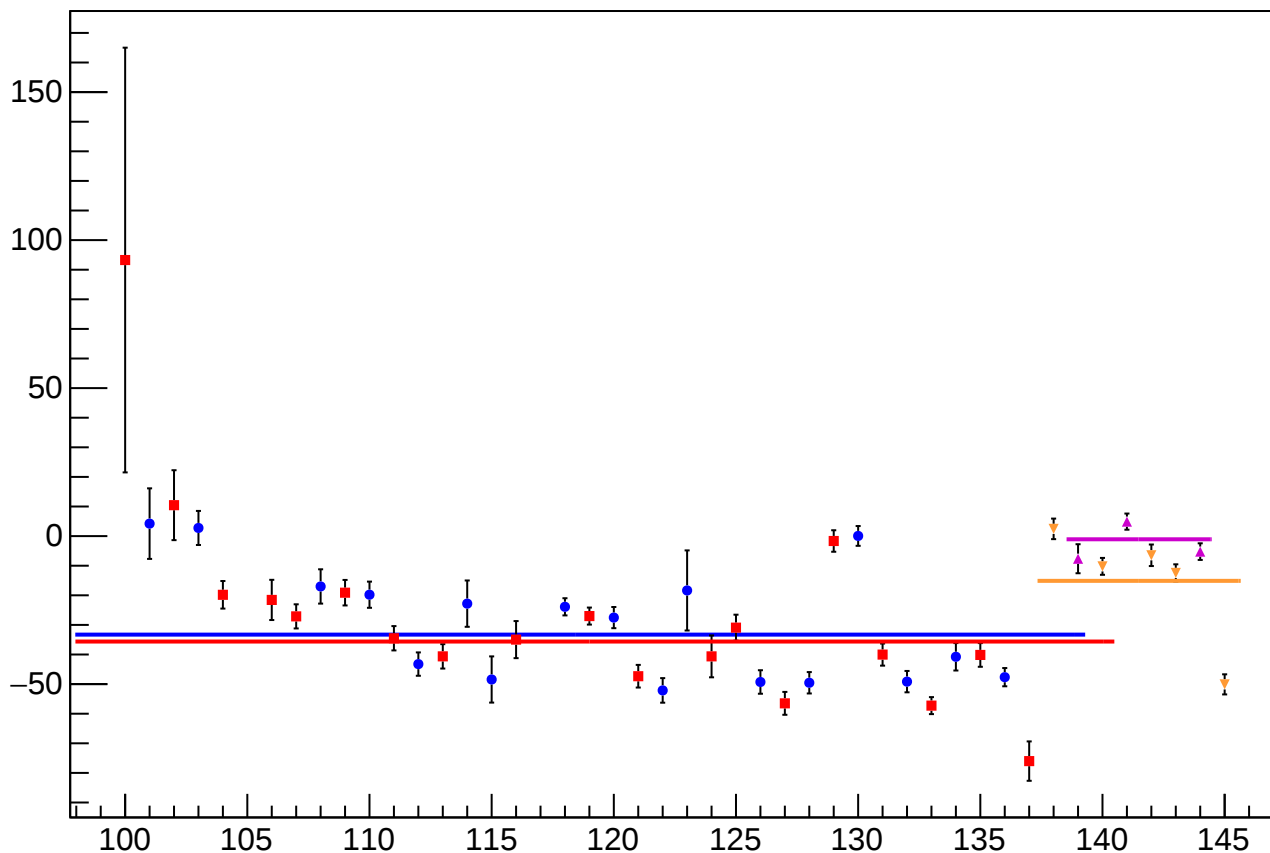
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 44.858 $\pm$ 1.257 χ^2 /NDF:430.9/19

Out: 38.980 $\pm$ 1.128 χ^2 /NDF:665.3/23

All: 41.601 $\pm$ 0.839 χ^2 /NDF: 1108.3/43

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.115 ± 1.433 χ^2/NDF : 141.1/4

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -1.075 ± 1.817 χ^2/NDF : 8.8/2

Left: -9.729 ± 1.125 χ^2/NDF : 186.7/7

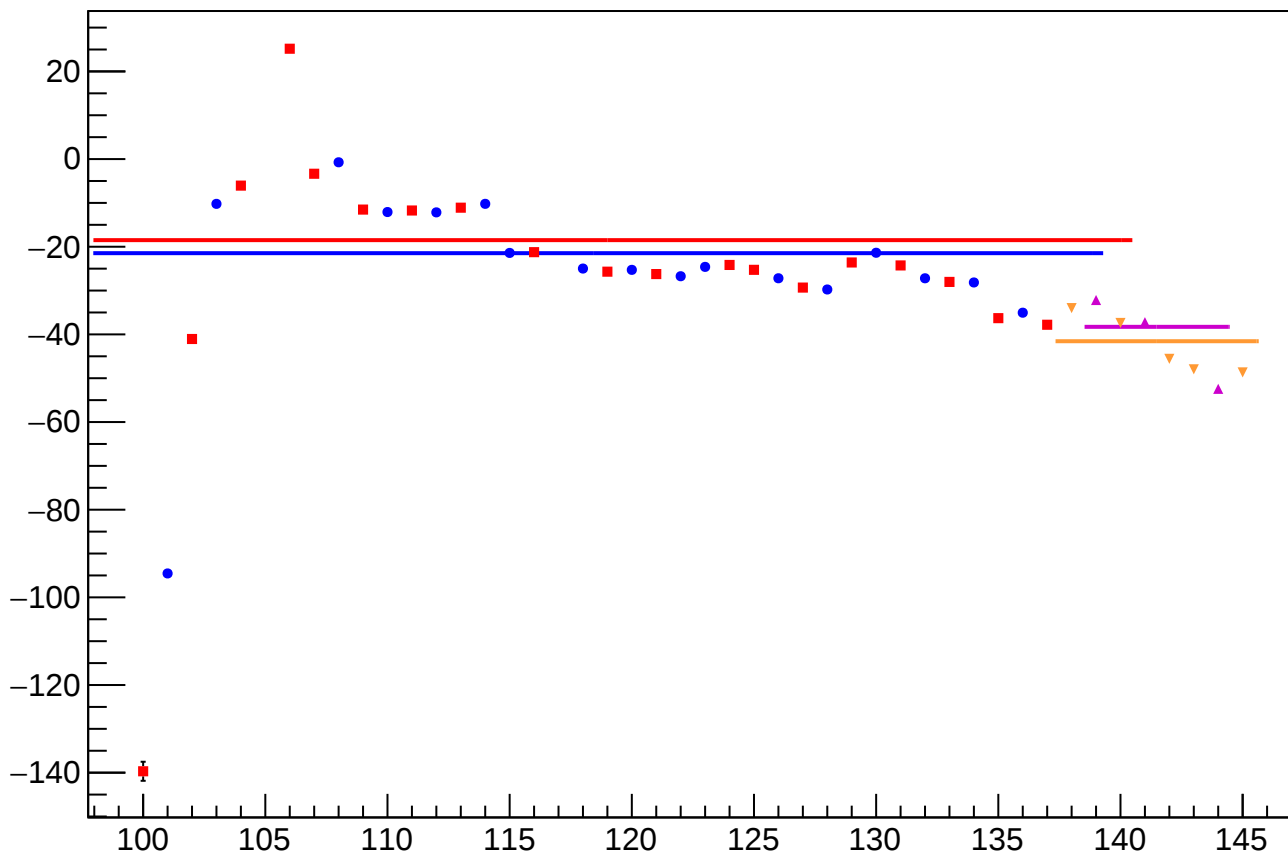
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -25.391 ± 0.899 χ^2/NDF : 539.0/19

Out: -28.973 ± 0.816 χ^2/NDF : 567.1/23

All: -27.355 ± 0.604 χ^2/NDF : 1114.9/43

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -41.559 ± 0.064 $\chi^2/\text{NDF}: 9574.8/4$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -38.276 ± 0.074 $\chi^2/\text{NDF}: 11584.0/2$

Left: -40.150 ± 0.049 $\chi^2/\text{NDF}: 22279.7/7$

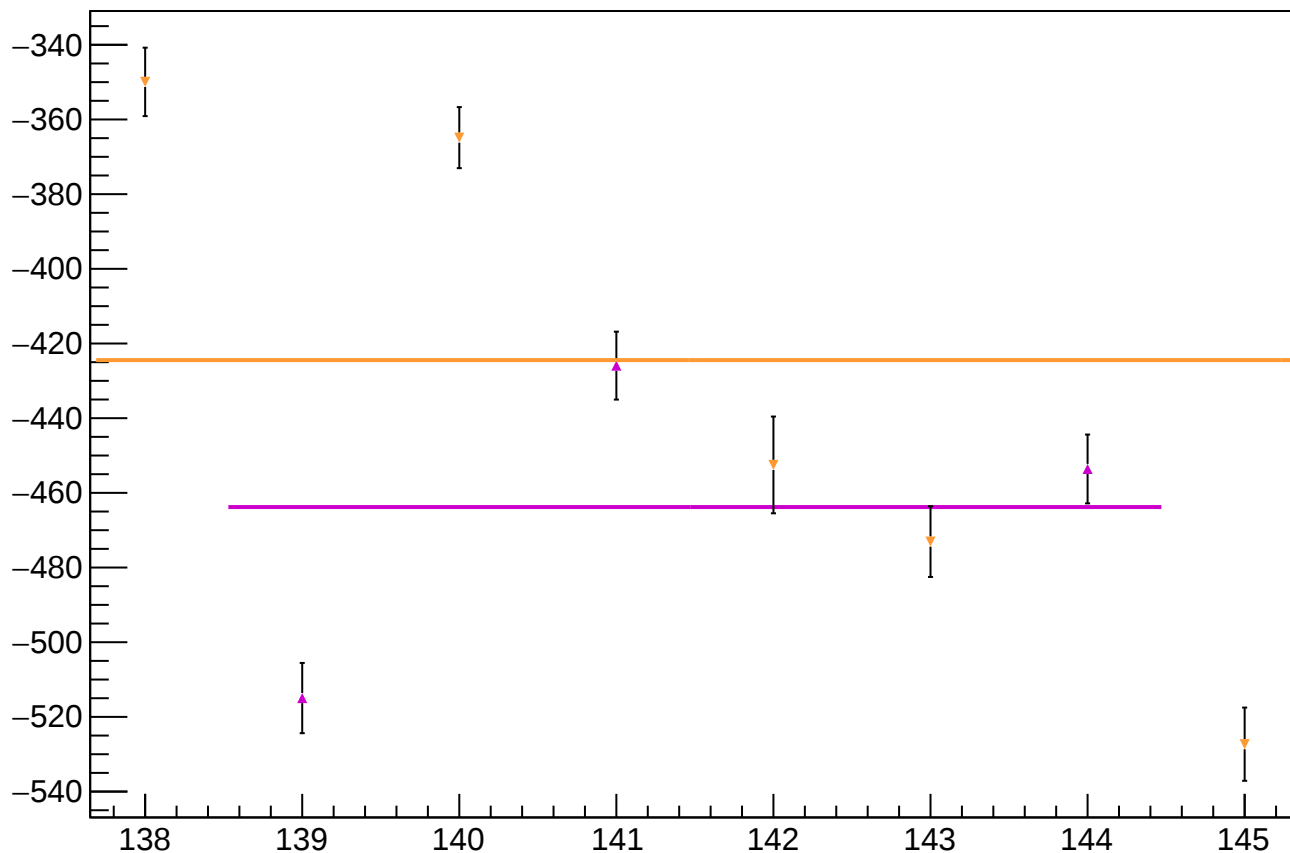
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -27.953 ± 0.046 $\chi^2/\text{NDF}: 92149.8/19$

Out: -28.726 ± 0.043 $\chi^2/\text{NDF}: 161987.7/23$

All: -28.368 ± 0.031 $\chi^2/\text{NDF}: 254288.7/43$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -424.449+/-4.289 χ^2/NDF :260.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -463.802+/-5.332 χ^2/NDF :48.1/2

Left: -439.906+/-3.342 χ^2/NDF : 341.5/7

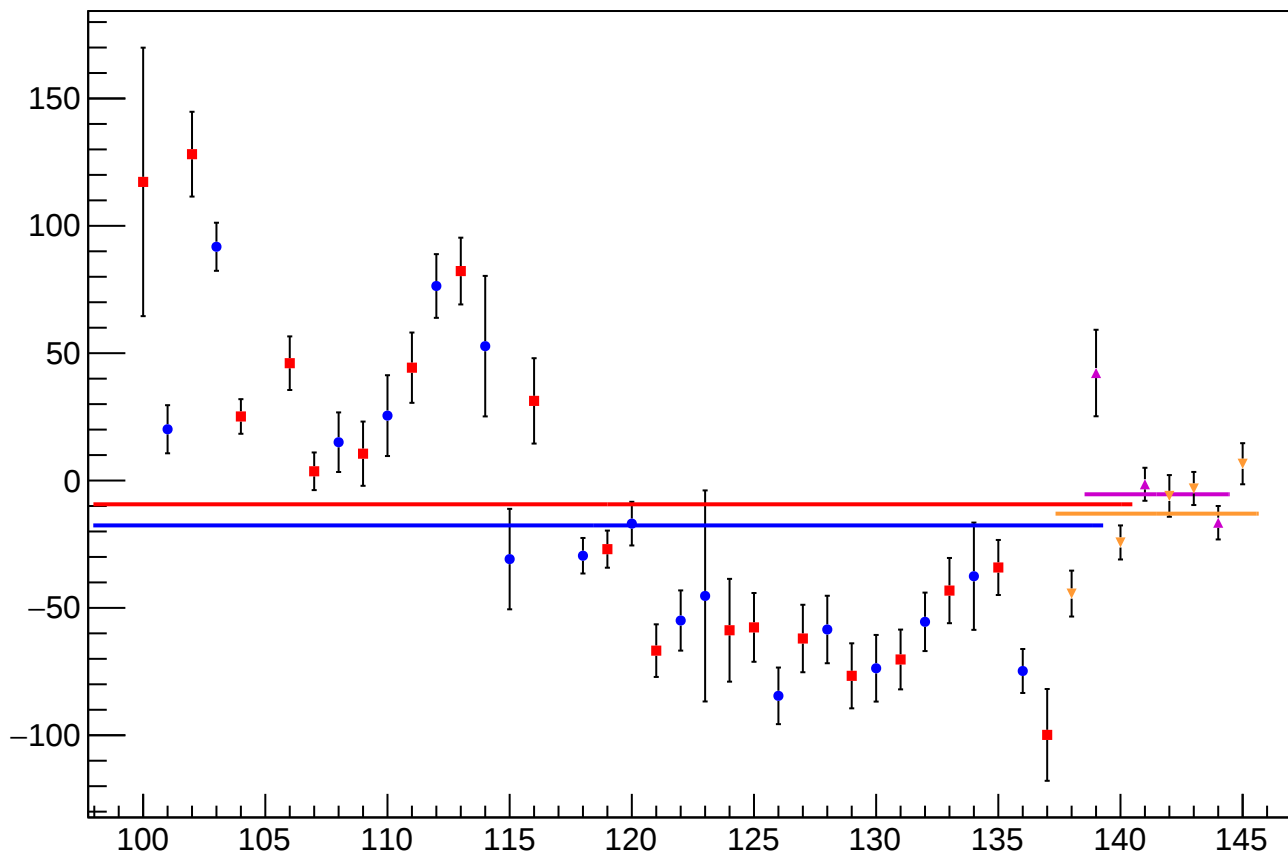
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.802+/-5.332 χ^2/NDF :48.1/2

Out: -424.449+/-4.289 χ^2/NDF :260.3/4

All: -439.906+/-3.342 χ^2/NDF : 341.5/7

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: -13.001 ± 3.358 χ^2/NDF : 23.9/4

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: -5.397 ± 4.451 χ^2/NDF : 11.1/2

Left: -10.243 ± 2.681 χ^2/NDF : 36.9/7

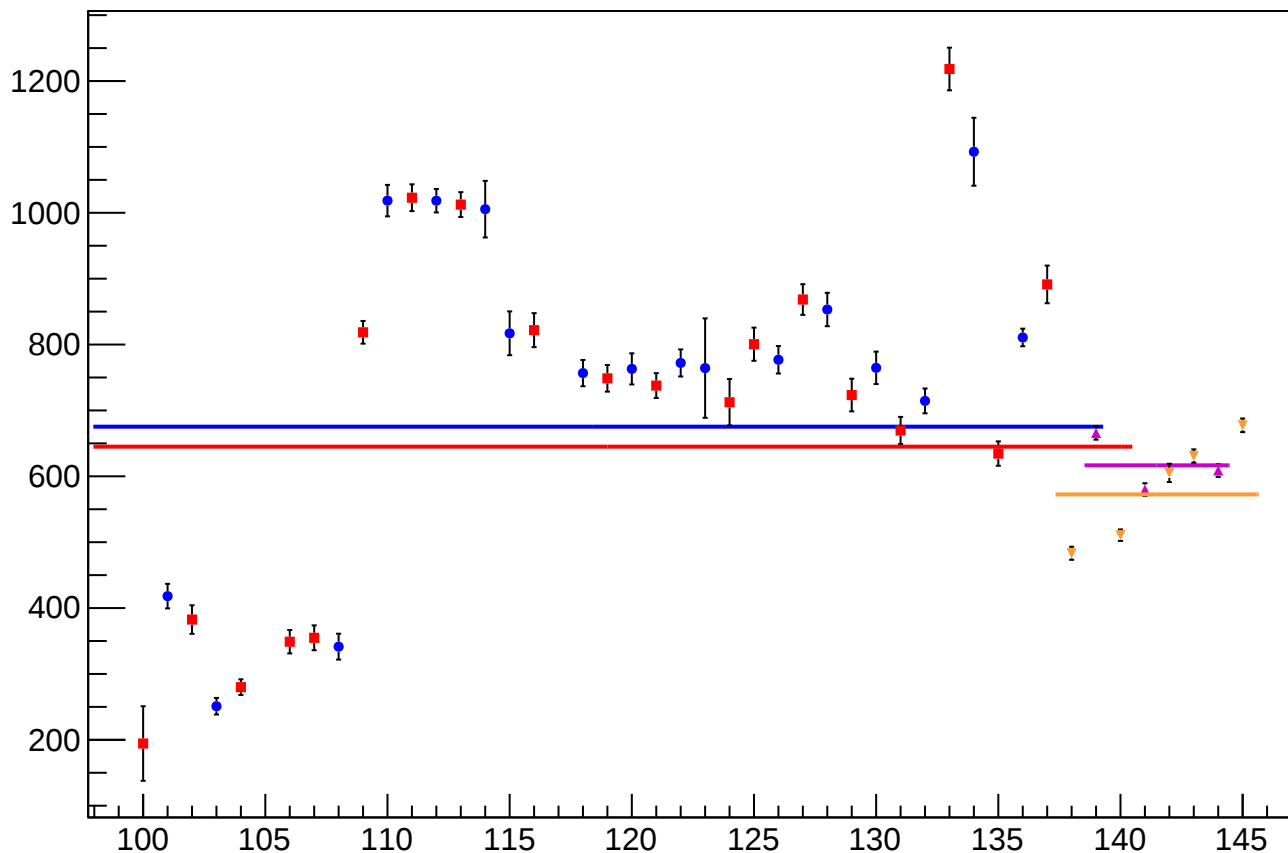
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -14.178 ± 2.362 χ^2/NDF : 378.6/19

Out: -10.712 ± 2.060 χ^2/NDF : 391.1/23

All: -12.210 ± 1.553 χ^2/NDF : 770.9/43

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 572.518+/-4.580 χ^2/NDF : 273.1/4

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 616.674+/-5.714 χ^2/NDF : 38.4/2

Left: 589.789+/-3.574 χ^2/NDF : 347.8/7

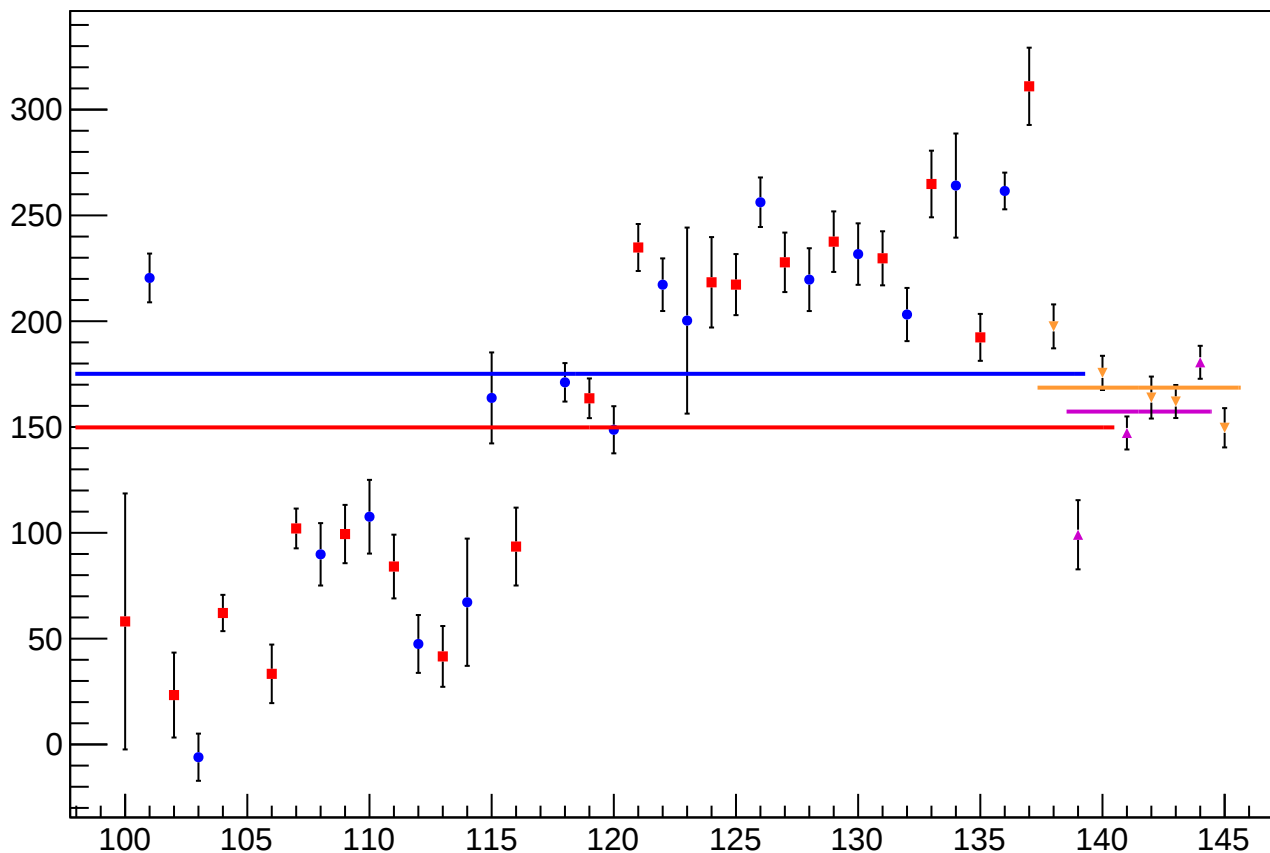
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 649.636+/-3.782 χ^2/NDF : 2680.4/19

Out: 607.387+/-3.300 χ^2/NDF : 3516.4/23

All: 625.646+/-2.486 χ^2/NDF : 6267.6/43

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 168.609 $\pm$ 3.991 χ^2 /NDF:13.6/4

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 157.294 $\pm$ 5.224 χ^2 /NDF:23.3/2

Left: 164.439 $\pm$ 3.171 χ^2 /NDF: 39.9/7

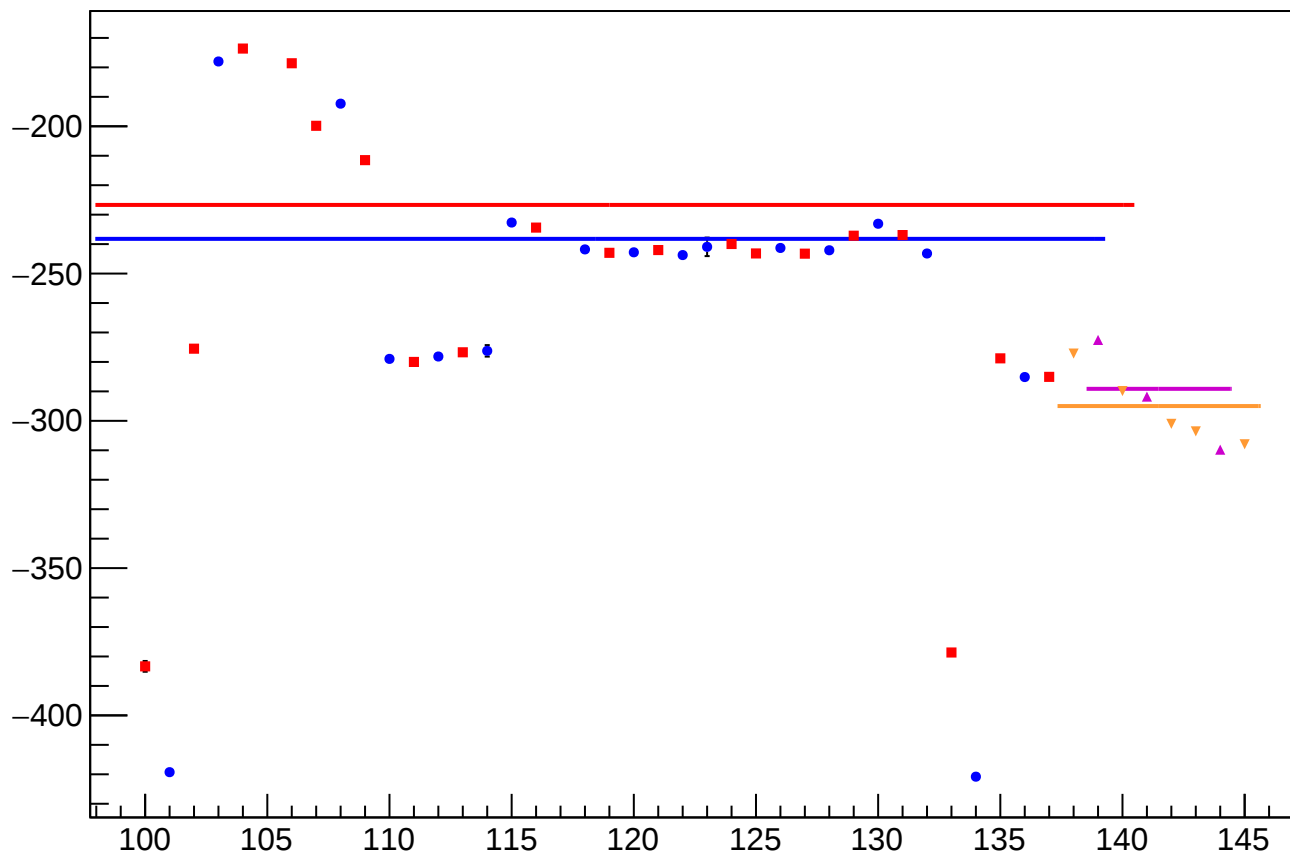
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 170.252 $\pm$ 2.734 χ^2 /NDF:667.4/19

Out: 156.724 $\pm$ 2.419 χ^2 /NDF:716.1/23

All: 162.663 $\pm$ 1.812 χ^2 /NDF: 1397.2/43

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -294.981+/-0.187 χ^2 /NDF:3784.7/4

Right Out: -226.696+/-0.151 χ^2 /NDF: 102814.8/18

Left In: -289.132+/-0.226 χ^2 /NDF:4479.0/2

Left: -292.597+/-0.144 χ^2 /NDF: 8661.5/7

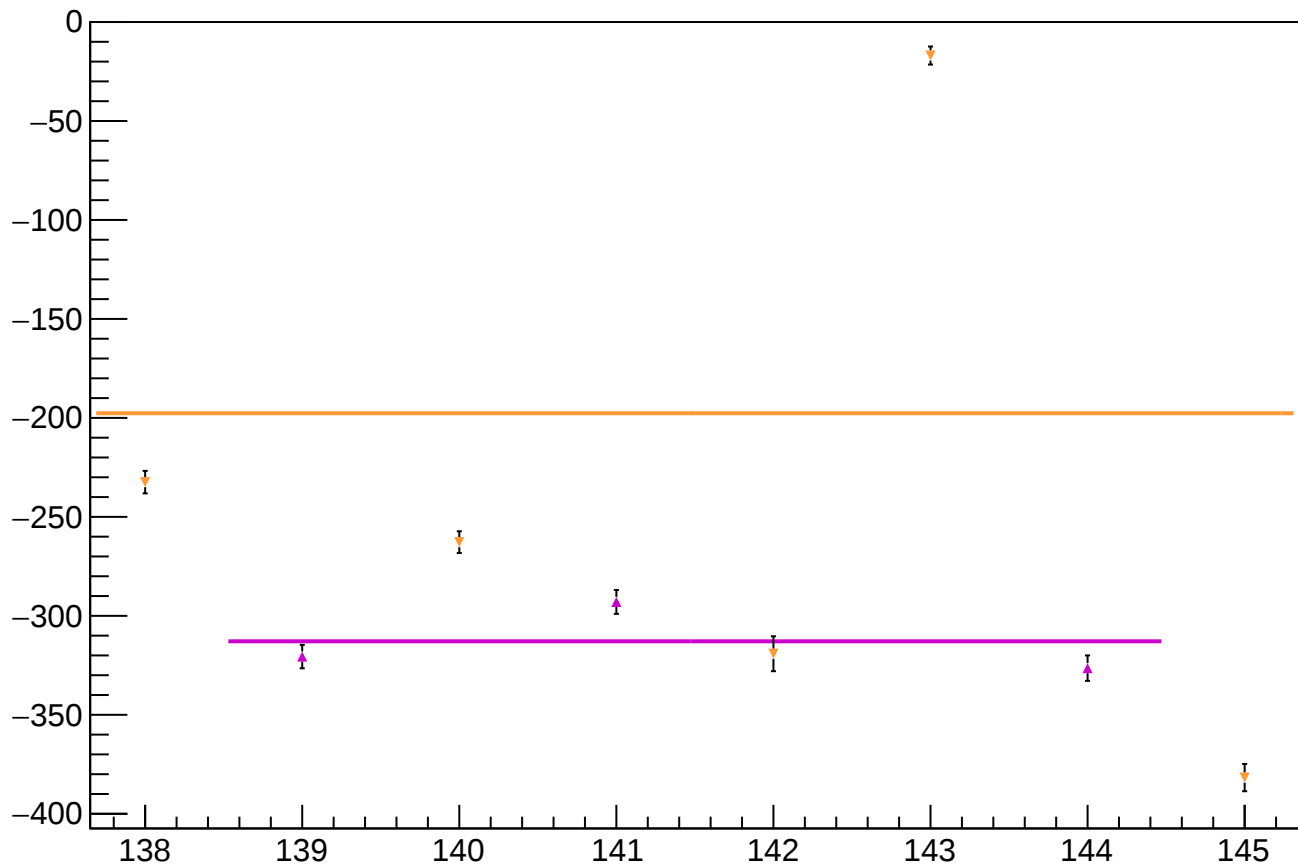
Right: -232.123+/-0.110 χ^2 /NDF: 272653.1/35

In: -255.258+/-0.131 χ^2 /NDF:205444.2/19

Out: -253.626+/-0.118 χ^2 /NDF:187193.2/23

All: -254.357+/-0.087 χ^2 /NDF: 392723.7/43

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -197.640+/-2.616 χ^2/NDF :2650.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -312.869+/-3.531 χ^2/NDF :17.0/2

Left: -238.476+/-2.102 χ^2/NDF : 3354.5/7

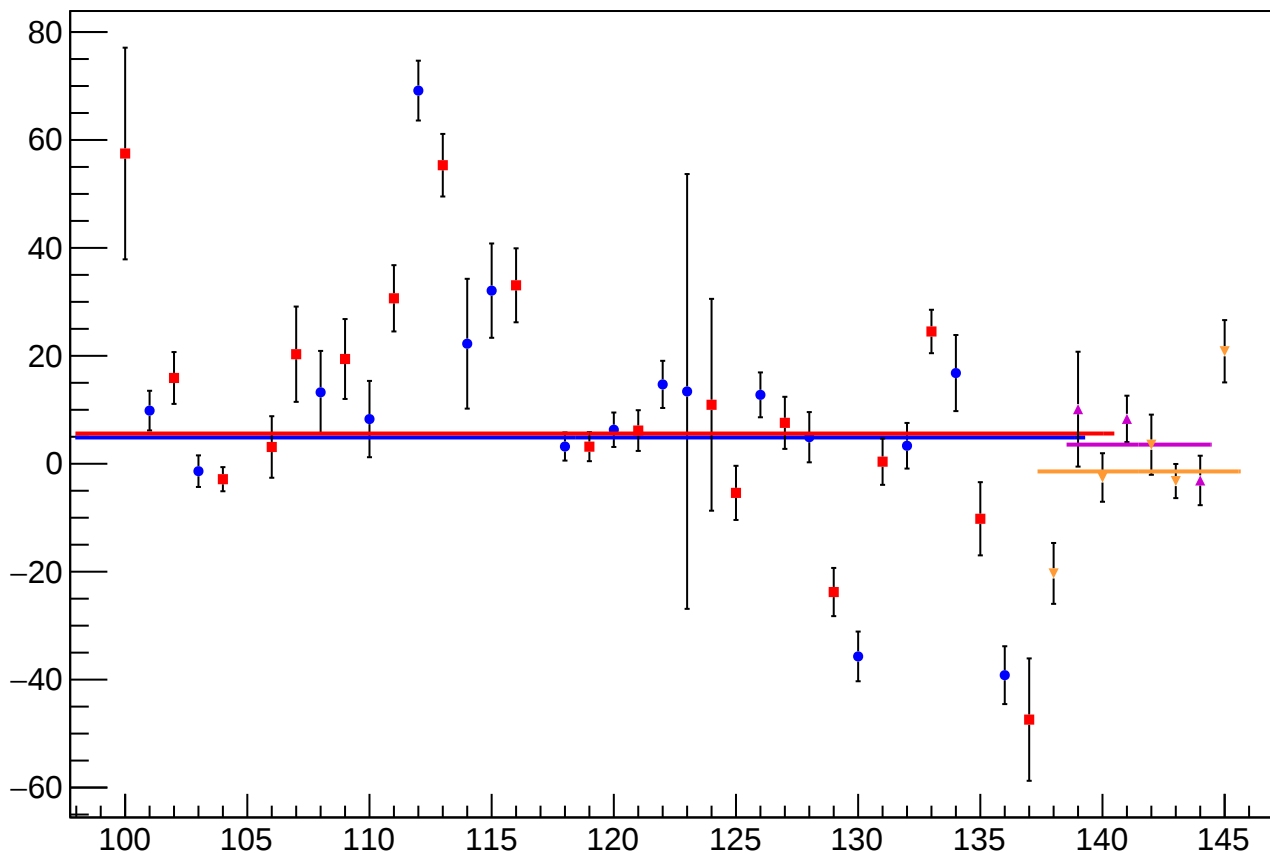
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -312.869+/-3.531 χ^2/NDF :17.0/2

Out: -197.640+/-2.616 χ^2/NDF :2650.2/4

All: -238.476+/-2.102 χ^2/NDF : 3354.5/7

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: -1.422 ± 2.029 $\chi^2/\text{NDF}: 27.3/4$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 3.549 ± 3.006 $\chi^2/\text{NDF}: 3.7/2$

Left: 0.133 ± 1.682 $\chi^2/\text{NDF}: 32.9/7$

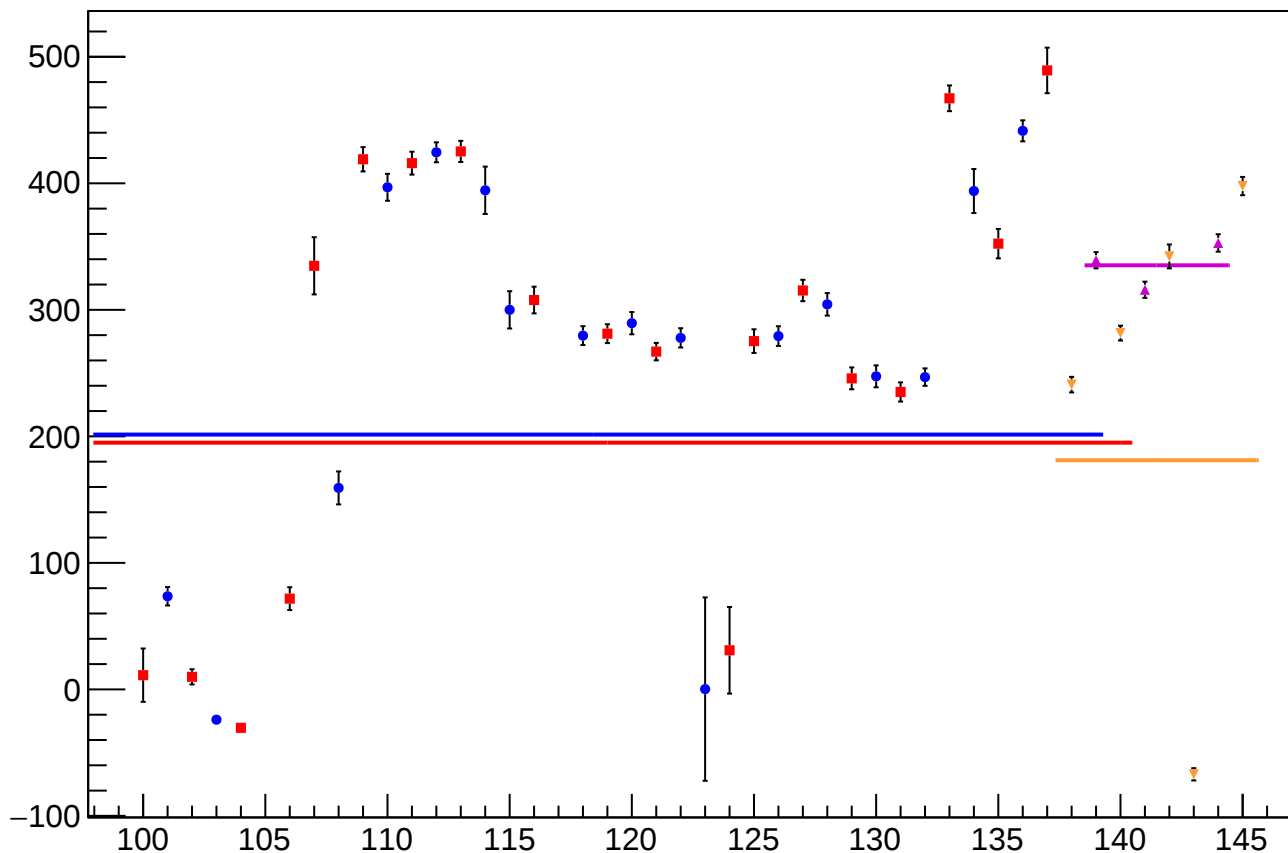
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 4.716 ± 1.025 $\chi^2/\text{NDF}: 315.4/19$

Out: 4.077 ± 0.946 $\chi^2/\text{NDF}: 275.2/23$

All: 4.371 ± 0.695 $\chi^2/\text{NDF}: 590.9/43$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 181.140 $\pm$ 2.793 χ^2 /NDF: 4182.6/4

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 335.189 $\pm$ 3.786 χ^2 /NDF: 16.0/2

Left: 235.423 $\pm$ 2.248 χ^2 /NDF: 5270.8/7

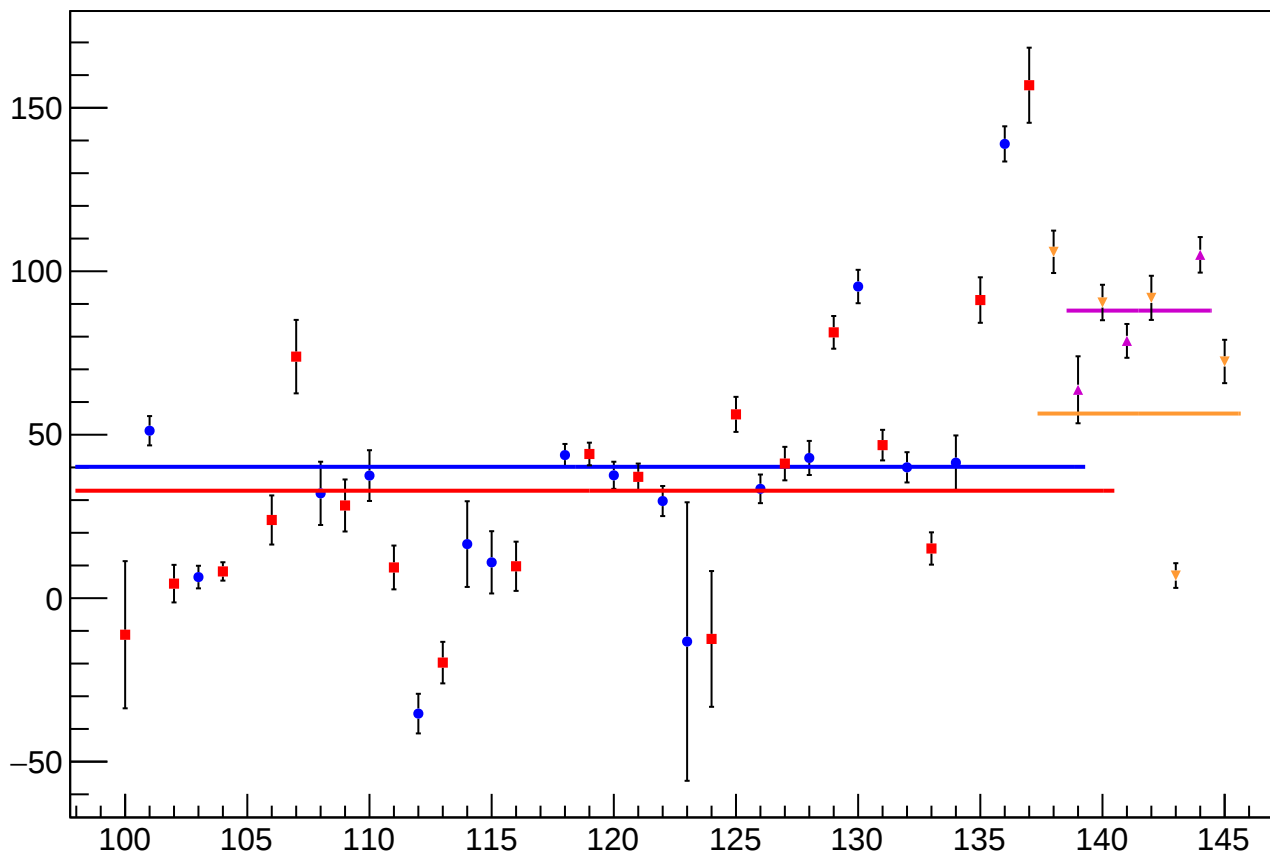
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 229.992 $\pm$ 1.750 χ^2 /NDF: 7738.2/19

Out: 190.558 $\pm$ 1.584 χ^2 /NDF: 12454.1/23

All: 208.314 $\pm$ 1.174 χ^2 /NDF: 20471.4/43

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 56.476 $\pm$ 2.408 χ^2 /NDF:302.6/4

Right Out: 32.873 $\pm$ 1.251 χ^2 /NDF: 551.0/18

Left In: 87.967 $\pm$ 3.520 χ^2 /NDF:18.6/2

Left: 66.513 $\pm$ 1.987 χ^2 /NDF: 375.7/7

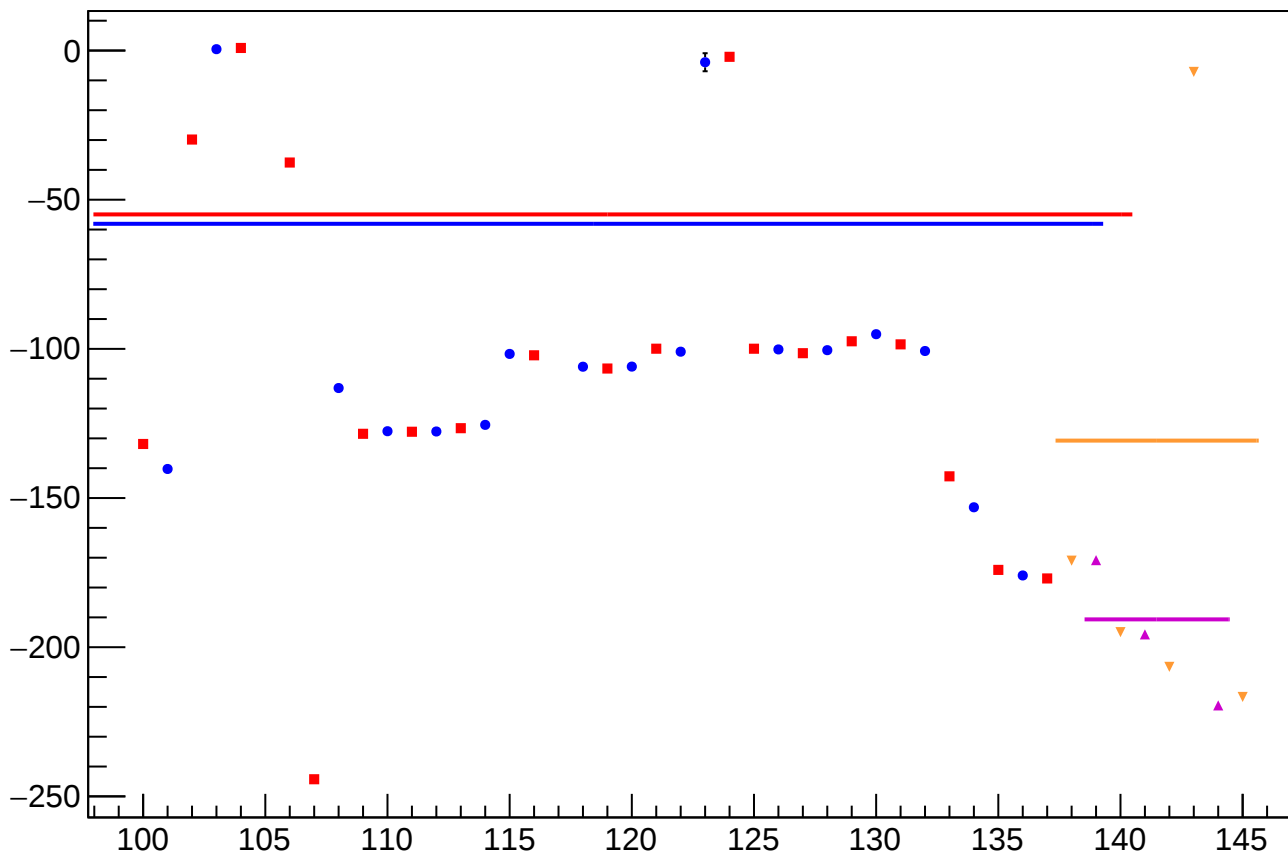
Right: 36.473 $\pm$ 0.891 χ^2 /NDF: 1301.8/35

In: 45.685 $\pm$ 1.195 χ^2 /NDF:915.7/19

Out: 37.888 $\pm$ 1.110 χ^2 /NDF:929.3/23

All: 41.501 $\pm$ 0.813 χ^2 /NDF: 1867.8/43

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -130.747 ± 0.114 $\chi^2/\text{NDF}: 621191.8/4$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -190.674 ± 0.148 $\chi^2/\text{NDF}: 17272.2/2$

Left: -152.910 ± 0.090 $\chi^2/\text{NDF}: 741399.9/7$

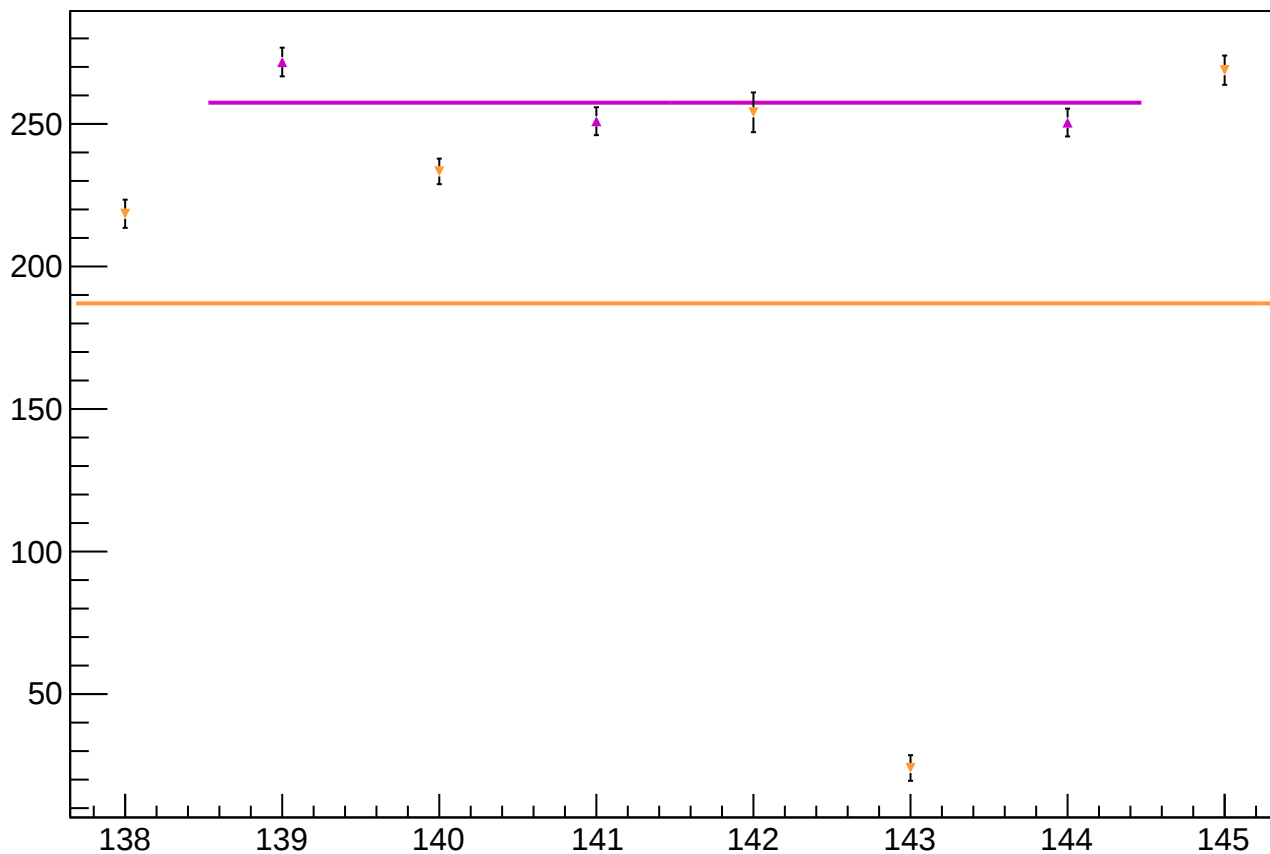
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -77.605 ± 0.057 $\chi^2/\text{NDF}: 1803650.7/19$

Out: -71.556 ± 0.053 $\chi^2/\text{NDF}: 1972931.2/23$

All: -74.377 ± 0.039 $\chi^2/\text{NDF}: 3782613.3/43$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 187.042+/-2.242 χ^2/NDF :1810.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 257.456+/-2.850 χ^2/NDF :11.8/2

Left: 213.967+/-1.762 χ^2/NDF : 2199.1/7

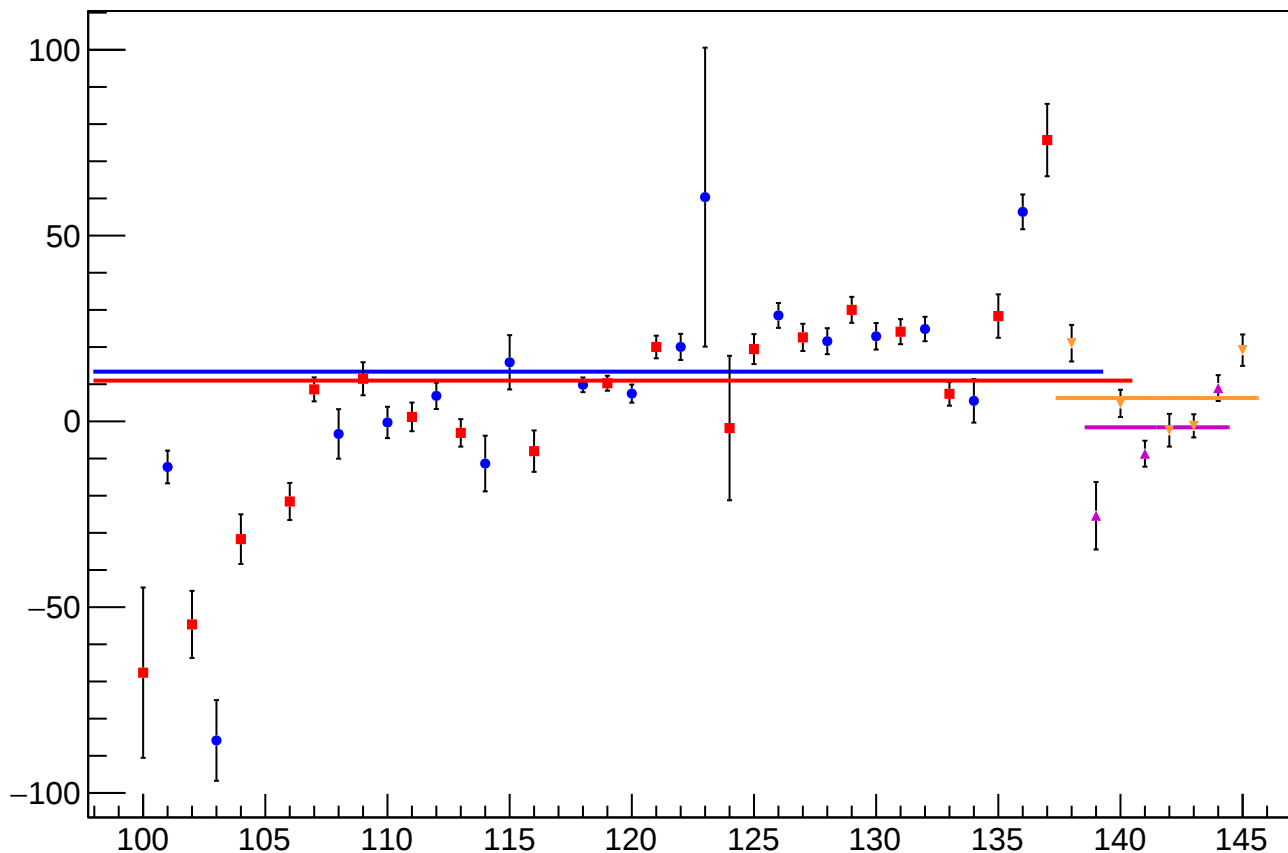
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.456+/-2.850 χ^2/NDF :11.8/2

Out: 187.042+/-2.242 χ^2/NDF :1810.2/4

All: 213.967+/-1.762 χ^2/NDF : 2199.1/7

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 6.290 $\pm$ 1.751 χ^2 /NDF: 28.1/4

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: -1.593 $\pm$ 2.379 χ^2 /NDF: 20.2/2

Left: 3.520 $\pm$ 1.410 χ^2 /NDF: 55.4/7

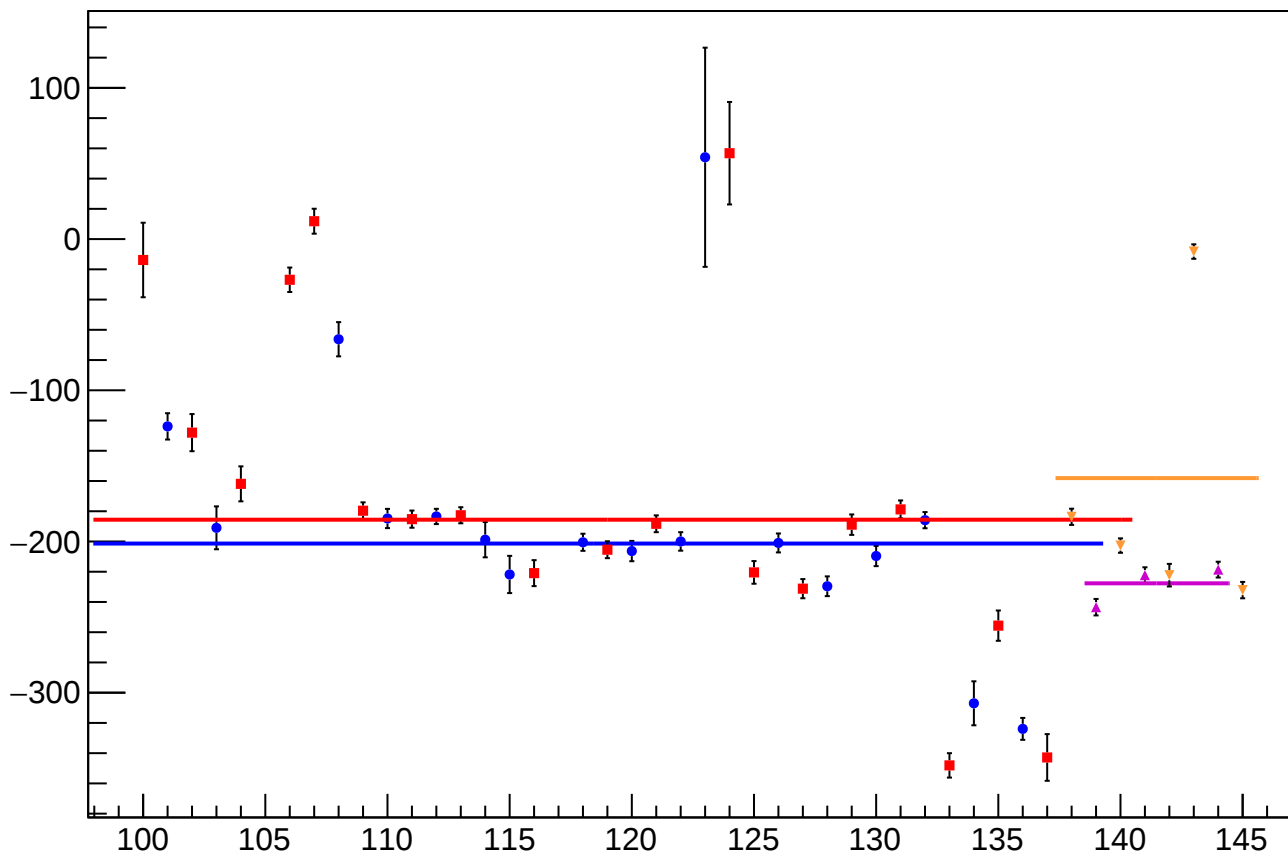
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 11.432 $\pm$ 0.859 χ^2 /NDF: 348.7/19

Out: 9.971 $\pm$ 0.811 χ^2 /NDF: 337.7/23

All: 10.659 $\pm$ 0.590 χ^2 /NDF: 688.0/43

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -158.083 ± 2.395 χ^2/NDF : 1349.0/4

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -227.669 ± 3.054 χ^2/NDF : 12.5/2

Left: -184.579 ± 1.885 χ^2/NDF : 1683.0/7

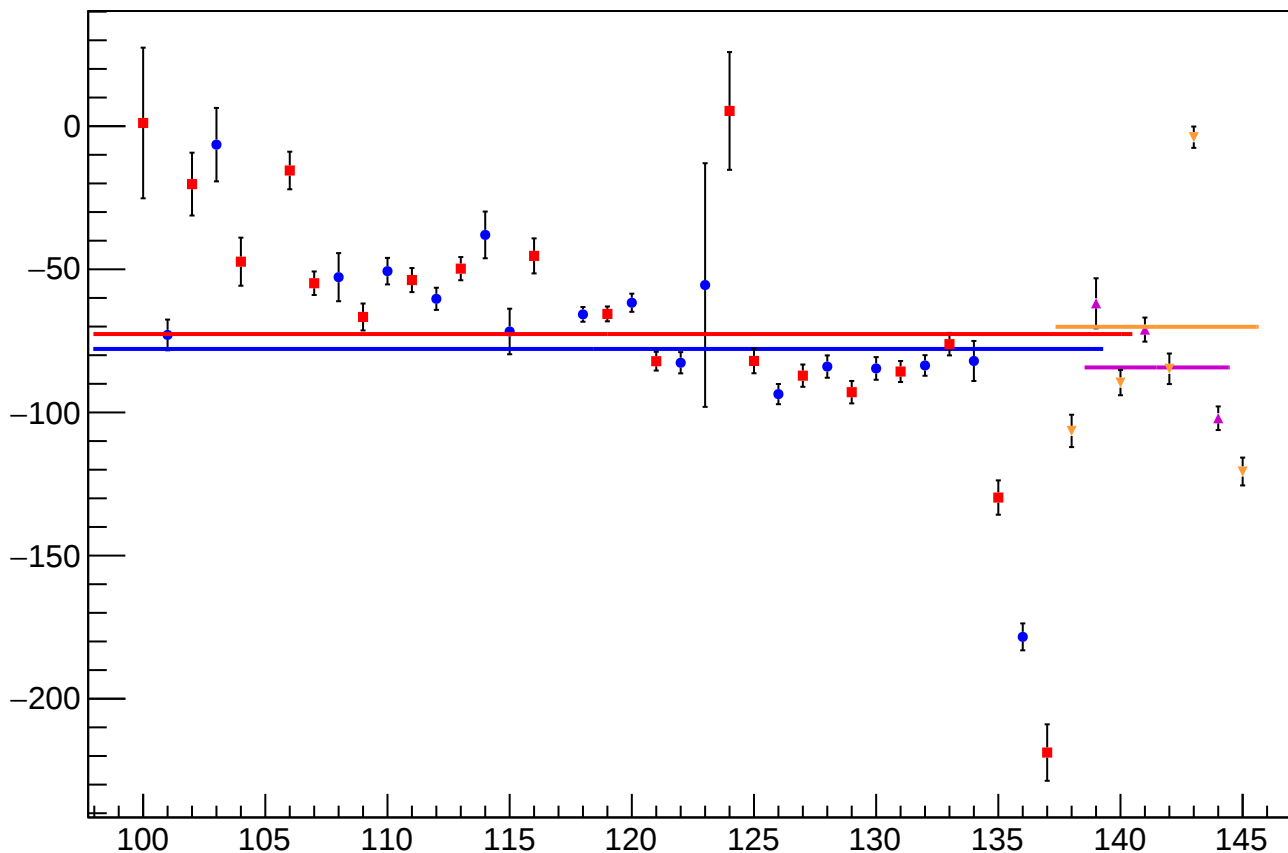
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -208.056 ± 1.540 χ^2/NDF : 692.8/19

Out: -176.378 ± 1.386 χ^2/NDF : 3185.0/23

All: -190.551 ± 1.030 χ^2/NDF : 4111.5/43

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -70.086 ± 2.076 $\chi^2/\text{NDF}: 493.4/4$

Right Out: -72.616 ± 1.053 $\chi^2/\text{NDF}: 606.8/18$

Left In: -84.279 ± 2.791 $\chi^2/\text{NDF}: 34.9/2$

Left: -75.141 ± 1.665 $\chi^2/\text{NDF}: 545.0/7$

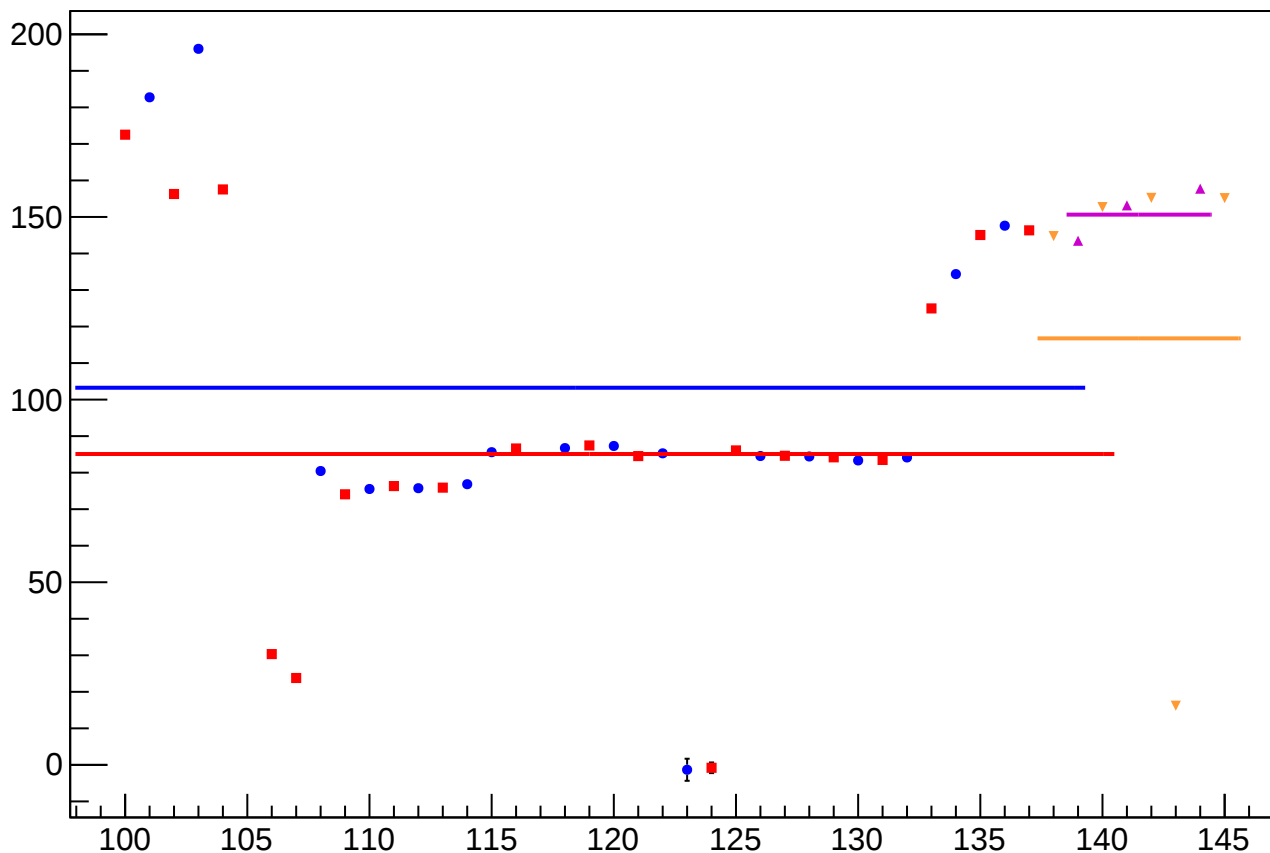
Right: -75.179 ± 0.750 $\chi^2/\text{NDF}: 1275.2/35$

In: -78.643 ± 0.997 $\chi^2/\text{NDF}: 696.0/19$

Out: -72.098 ± 0.939 $\chi^2/\text{NDF}: 1101.4/23$

All: -75.173 ± 0.684 $\chi^2/\text{NDF}: 1820.2/43$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 ± 0.070 $\chi^2/\text{NDF}: 273390.3/16$

Left Out: 116.759 ± 0.097 $\chi^2/\text{NDF}: 369558.1/4$

Right Out: 85.105 ± 0.064 $\chi^2/\text{NDF}: 423525.6/18$

Left In: 150.640 ± 0.121 $\chi^2/\text{NDF}: 2497.1/2$

Left: 130.137 ± 0.076 $\chi^2/\text{NDF}: 419810.8/7$

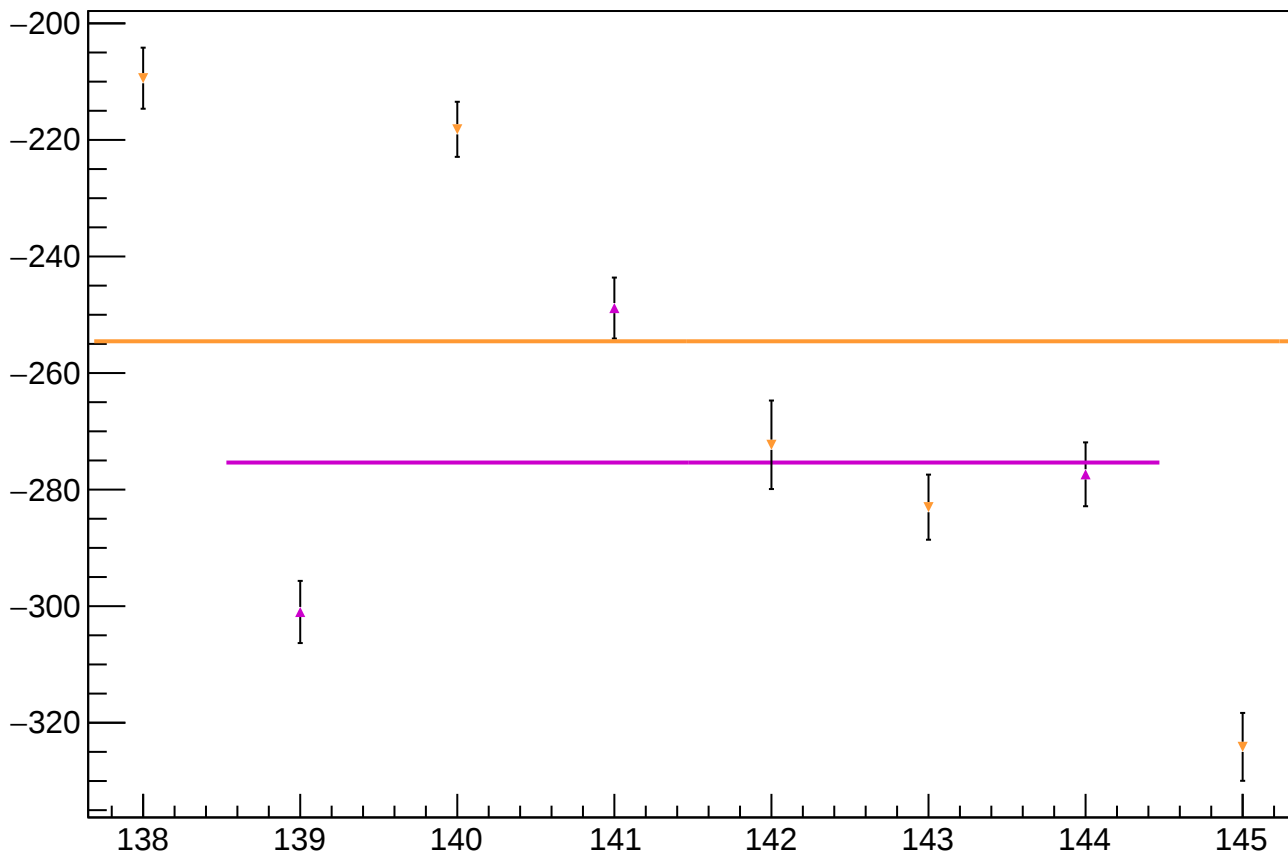
Right: 93.266 ± 0.047 $\chi^2/\text{NDF}: 733393.3/35$

In: 115.306 ± 0.061 $\chi^2/\text{NDF}: 391008.8/19$

Out: 94.587 ± 0.053 $\chi^2/\text{NDF}: 867029.9/23$

All: 103.588 ± 0.040 $\chi^2/\text{NDF}: 1323638.0/43$

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -254.550+/-2.499 χ^2/NDF :307.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -275.355+/-3.086 χ^2/NDF :48.9/2

Left: -262.791+/-1.942 χ^2/NDF : 384.1/7

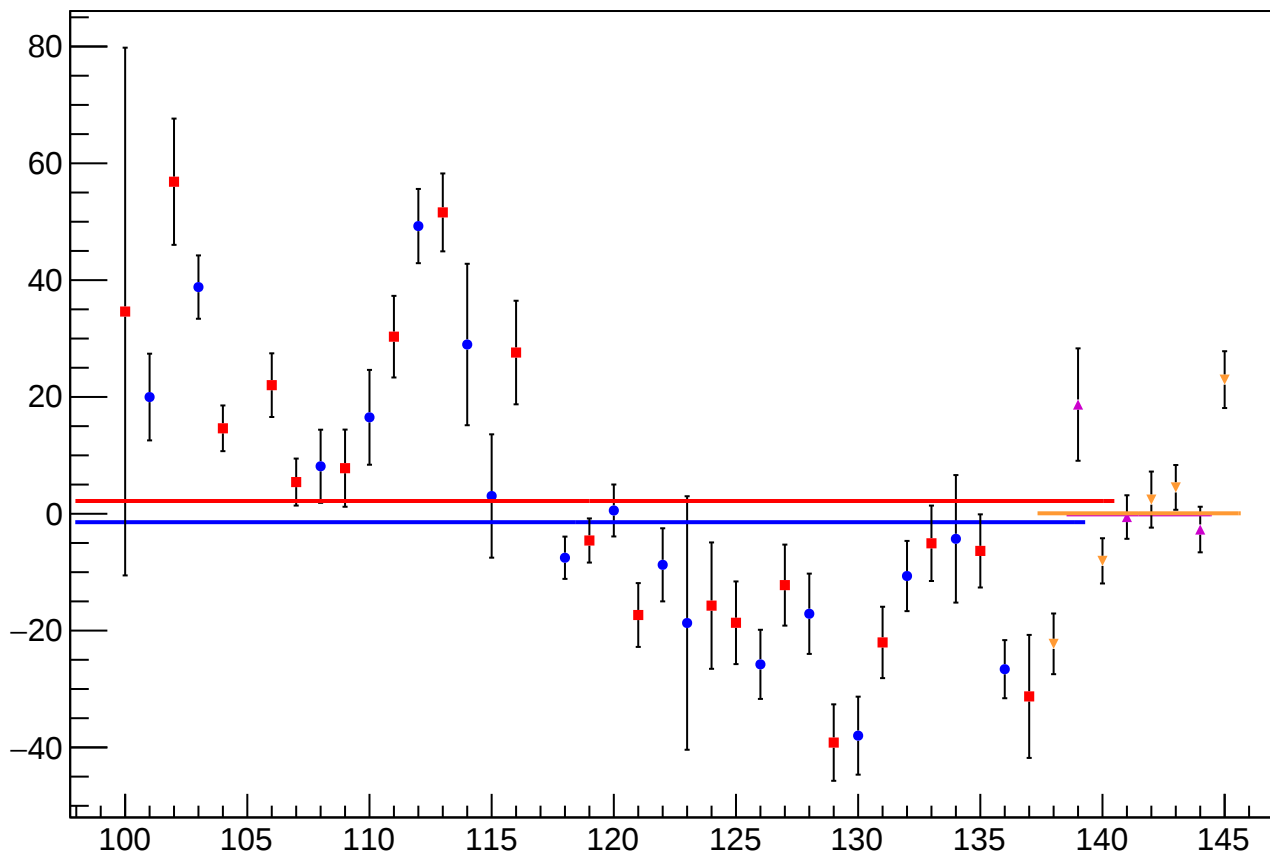
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.355+/-3.086 χ^2/NDF :48.9/2

Out: -254.550+/-2.499 χ^2/NDF :307.7/4

All: -262.791+/-1.942 χ^2/NDF : 384.1/7

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 0.080 ± 1.971 $\chi^2/\text{NDF}: 46.6/4$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: -0.104 ± 2.596 $\chi^2/\text{NDF}: 4.3/2$

Left: 0.013 ± 1.570 $\chi^2/\text{NDF}: 50.9/7$

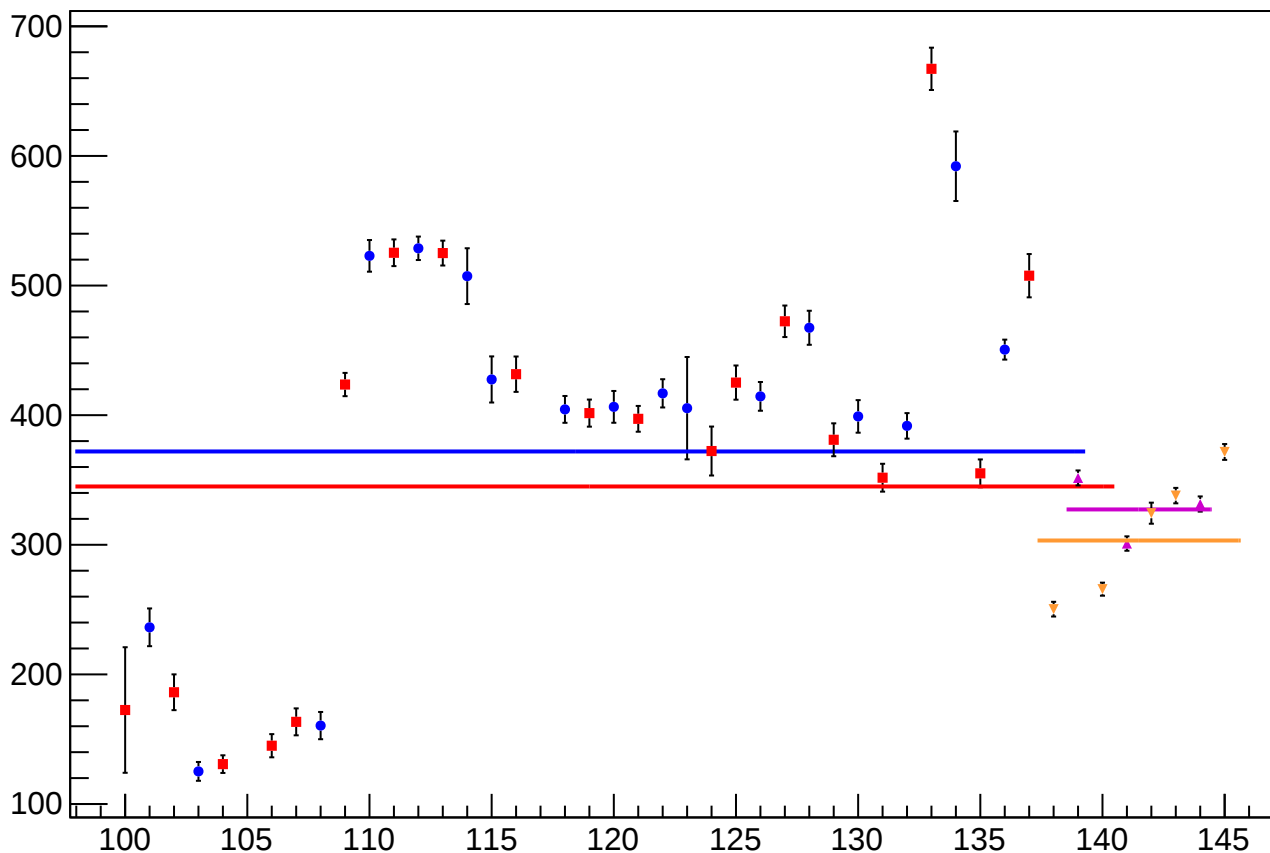
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: -1.100 ± 1.309 $\chi^2/\text{NDF}: 228.9/19$

Out: 1.481 ± 1.142 $\chi^2/\text{NDF}: 278.1/23$

All: 0.366 ± 0.860 $\chi^2/\text{NDF}: 509.2/43$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 303.305 $\pm$ 2.667 χ^2 /NDF:308.3/4

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 327.271 $\pm$ 3.307 χ^2 /NDF:40.6/2

Left: 312.748 $\pm$ 2.076 χ^2 /NDF: 380.7/7

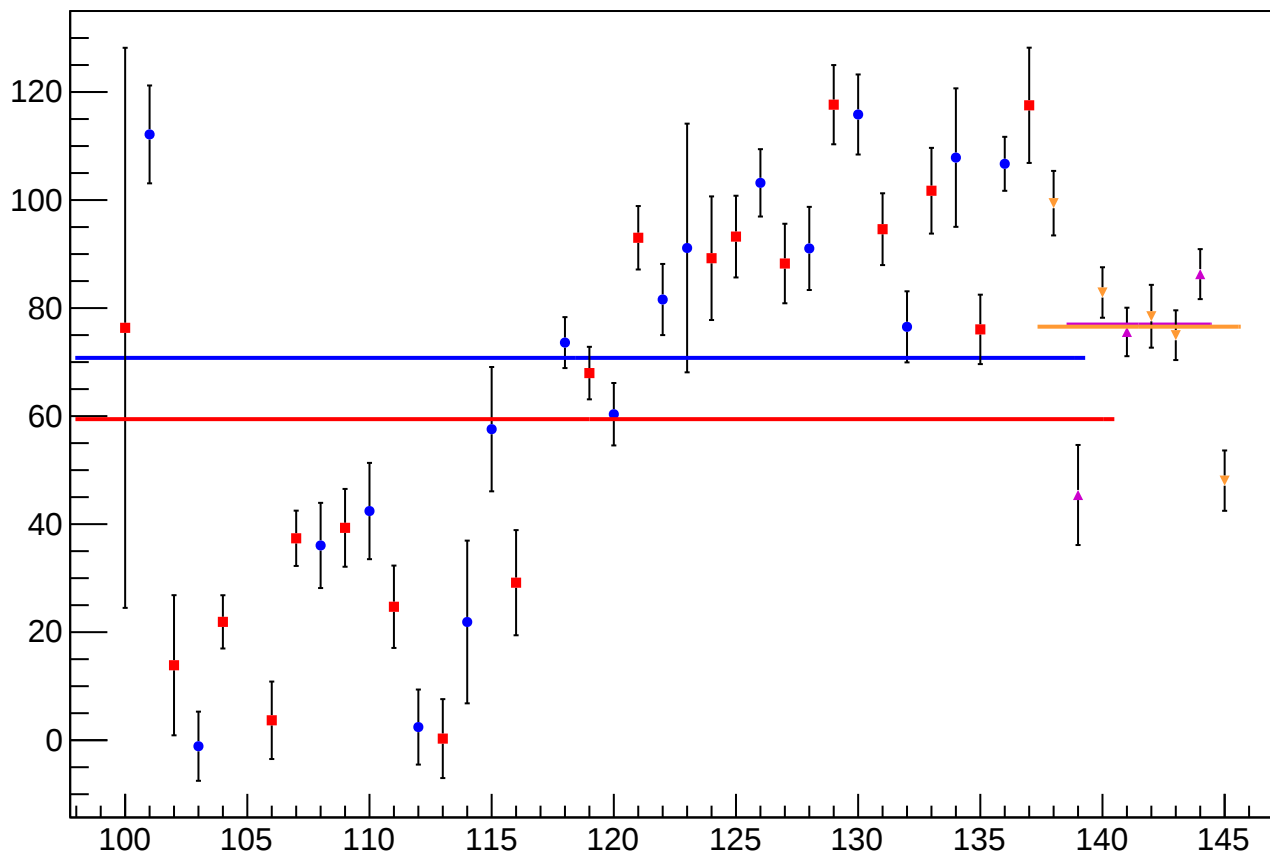
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 353.597 $\pm$ 2.121 χ^2 /NDF:2579.5/19

Out: 324.991 $\pm$ 1.847 χ^2 /NDF:3849.8/23

All: 337.328 $\pm$ 1.393 χ^2 /NDF: 6532.7/43

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 76.557 $\pm$ 2.340 χ^2 /NDF:42.7/4

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 76.951 $\pm$ 3.043 χ^2 /NDF:15.8/2

Left: 76.703 $\pm$ 1.855 χ^2 /NDF: 58.5/7

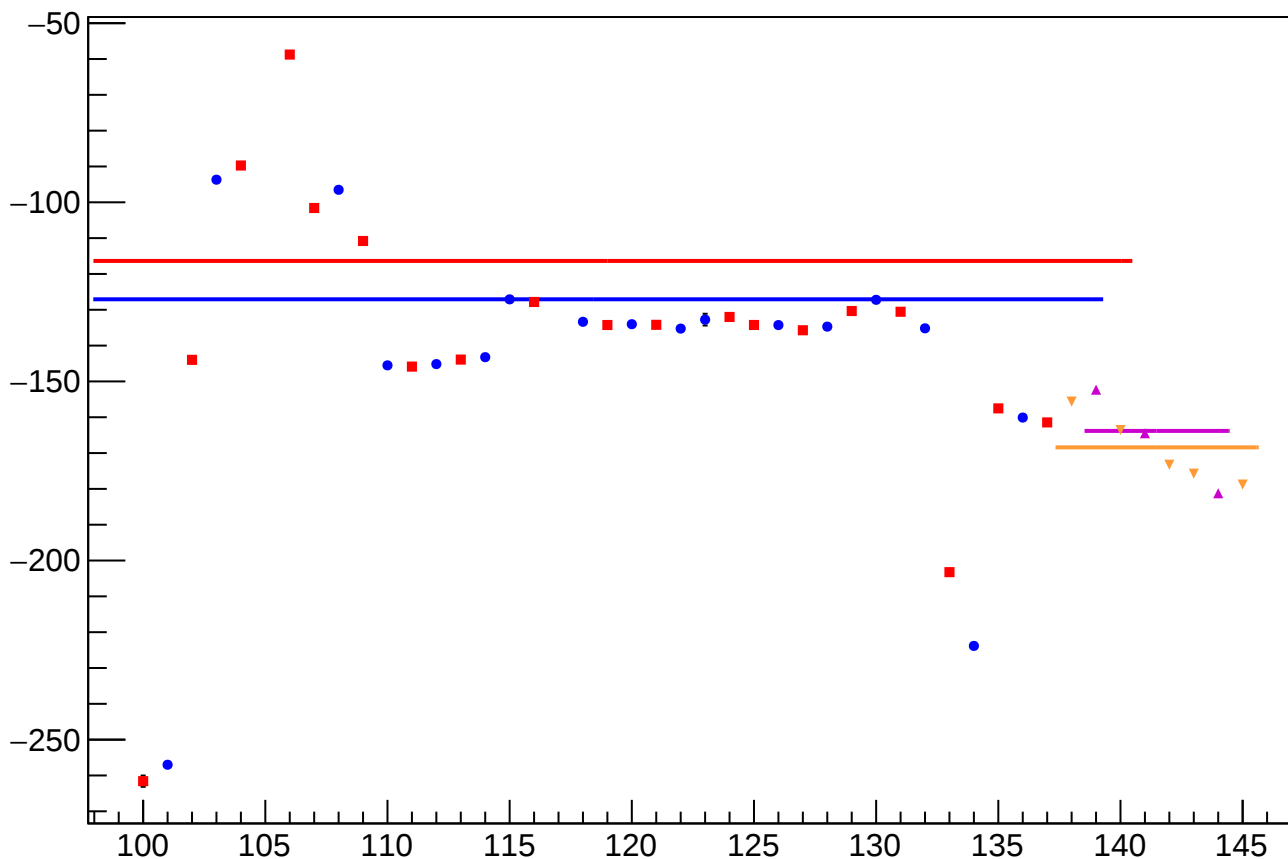
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 72.309 $\pm$ 1.515 χ^2 /NDF:442.8/19

Out: 65.036 $\pm$ 1.338 χ^2 /NDF:565.5/23

All: 68.224 $\pm$ 1.003 χ^2 /NDF: 1021.2/43

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -168.410+/-0.109 χ^2/NDF : 6700.3/4

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -163.816+/-0.130 χ^2/NDF : 7814.2/2

Left: -166.516+/-0.084 χ^2/NDF : 15246.6/7

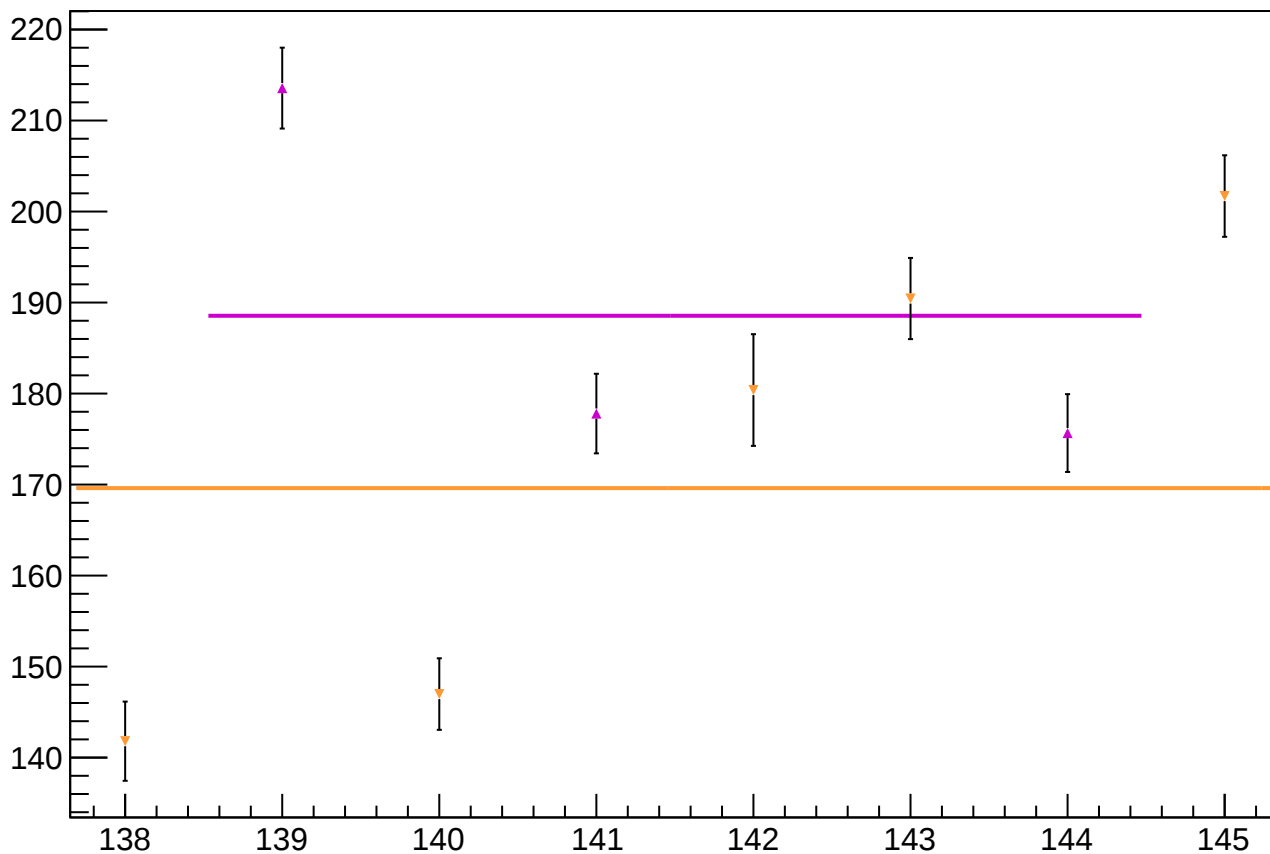
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.874+/-0.074 χ^2/NDF : 228923.2/19

Out: -135.434+/-0.066 χ^2/NDF : 318668.4/23

All: -136.963+/-0.049 χ^2/NDF : 548799.3/43

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 169.611+/-2.024 χ^2/NDF :150.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 188.547+/-2.518 χ^2/NDF :46.8/2

Left: 177.040+/-1.577 χ^2/NDF : 231.4/7

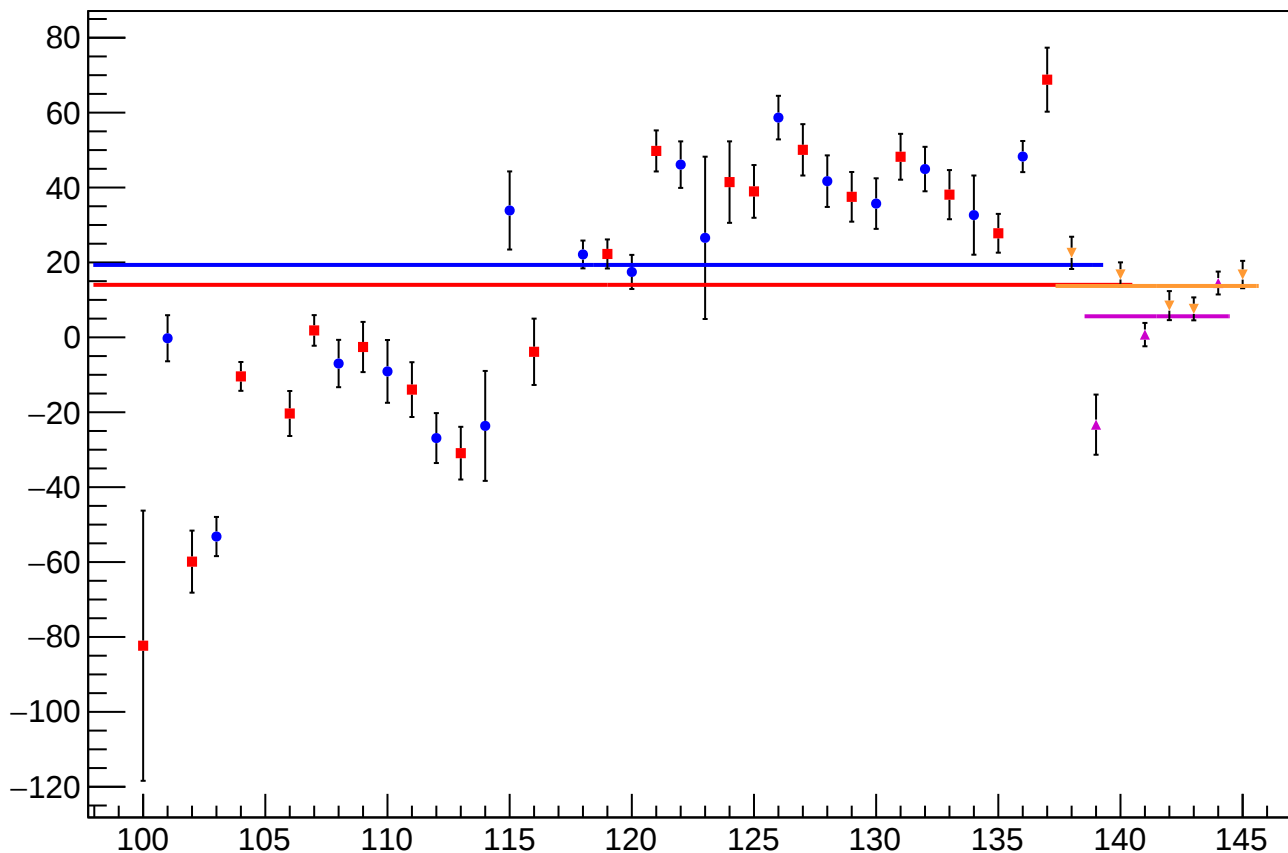
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 188.547+/-2.518 χ^2/NDF :46.8/2

Out: 169.611+/-2.024 χ^2/NDF :150.2/4

All: 177.040+/-1.577 χ^2/NDF : 231.4/7

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 13.722 ± 1.584 χ^2/NDF : 11.6/4

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

Left In: 5.622 ± 2.106 χ^2/NDF : 23.9/2

Left: 10.794 ± 1.266 χ^2/NDF : 45.0/7

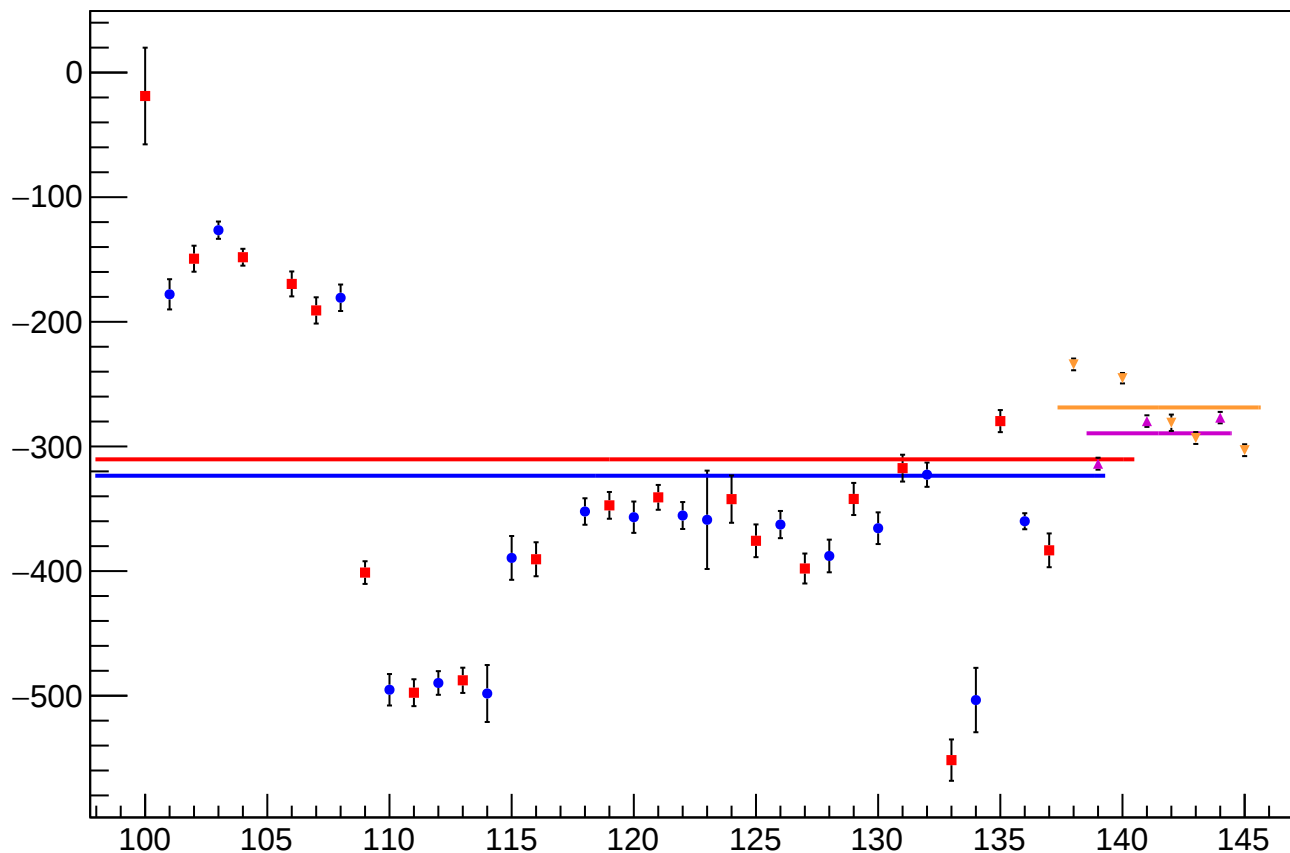
Right: 16.507 ± 1.014 χ^2/NDF : 879.9/35

In: 14.793 ± 1.212 χ^2/NDF : 492.1/19

Out: 13.889 ± 1.045 χ^2/NDF : 444.9/23

All: 14.275 ± 0.791 χ^2/NDF : 937.3/43

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491+/-2.673 χ^2/NDF : 1847.6/16

Left Out: -268.704+/-2.163 χ^2/NDF :167.3/4

Right Out: -310.336+/-2.522 χ^2/NDF : 2300.5/18

Left In: -289.453+/-2.699 χ^2/NDF :37.7/2

Left: -276.817+/-1.688 χ^2/NDF : 241.1/7

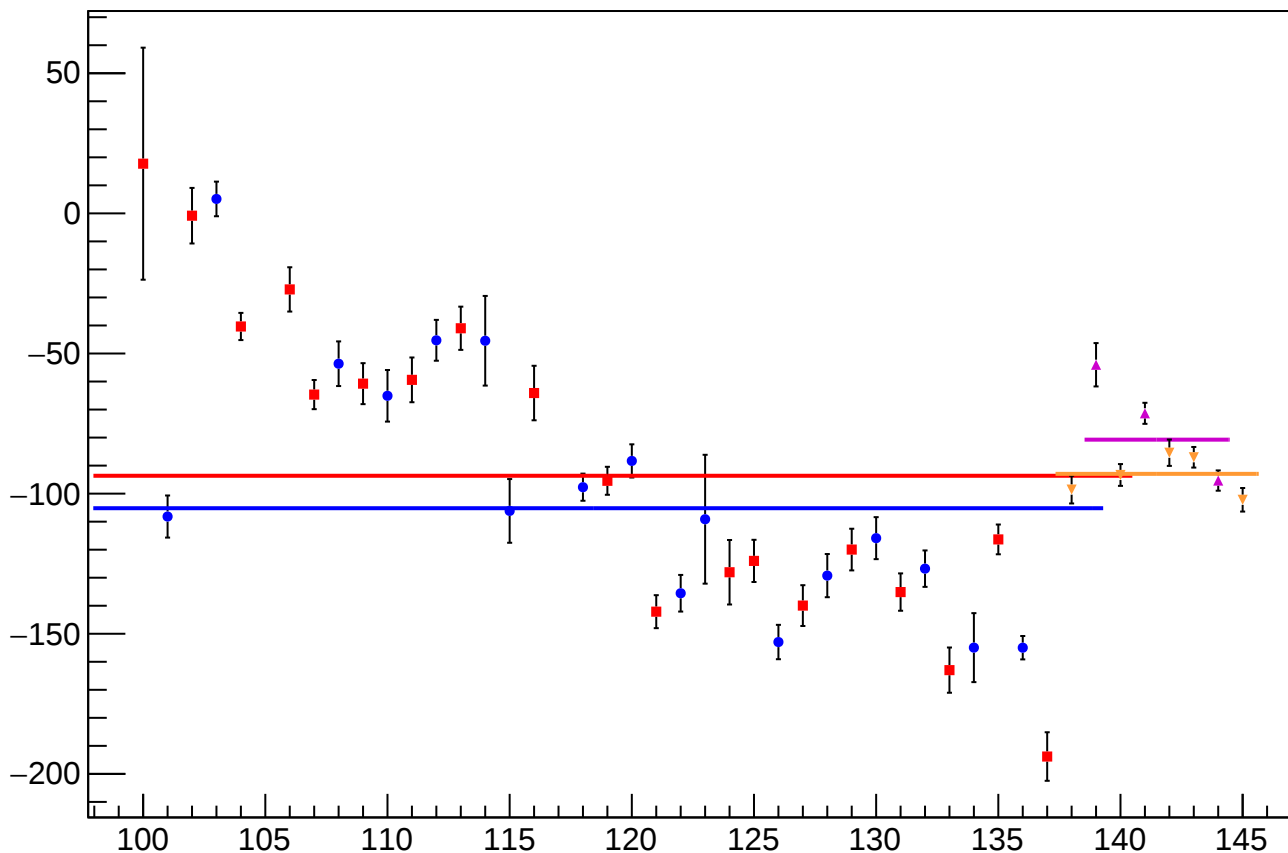
Right: -316.531+/-1.834 χ^2/NDF : 4160.9/35

In: -306.640+/-1.899 χ^2/NDF :1965.6/19

Out: -286.349+/-1.642 χ^2/NDF :2624.9/23

All: -295.026+/-1.242 χ^2/NDF : 4655.9/43

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203+/-1.697 χ^2 /NDF: 735.6/16

Left Out: -92.944+/-1.881 χ^2 /NDF:11.3/4

Right Out: -93.625+/-1.610 χ^2 /NDF: 822.7/18

Left In: -80.740+/-2.469 χ^2 /NDF:34.5/2

Left: -88.462+/-1.496 χ^2 /NDF: 61.2/7

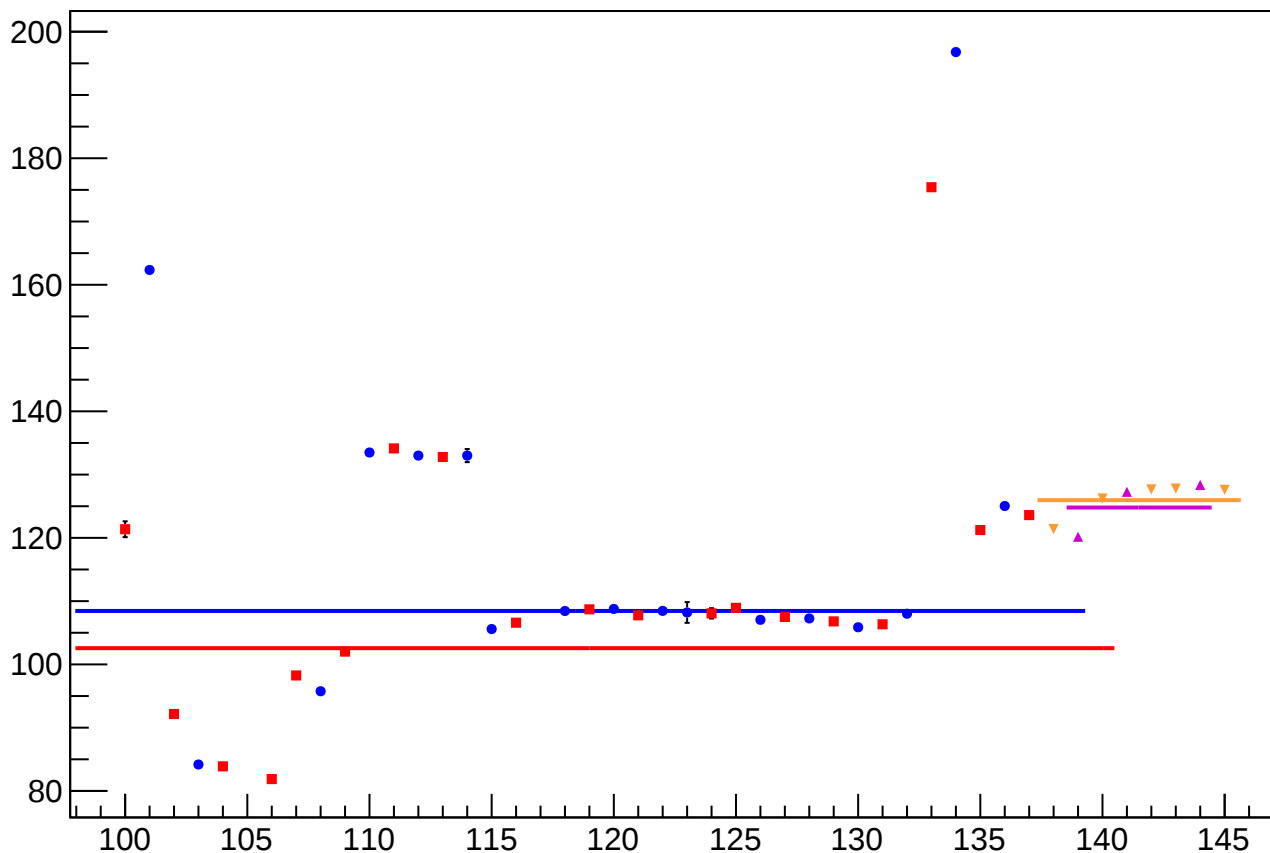
Right: -99.110+/-1.168 χ^2 /NDF: 1582.8/35

In: -97.355+/-1.398 χ^2 /NDF:836.8/19

Out: -93.337+/-1.223 χ^2 /NDF:834.0/23

All: -95.079+/-0.921 χ^2 /NDF: 1675.5/43

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2/NDF : 73265.3/16

Left Out: 125.956 $\pm$ 0.088 χ^2/NDF : 804.0/4

Right Out: 102.566 $\pm$ 0.079 χ^2/NDF : 53135.3/18

Left In: 124.794 $\pm$ 0.107 χ^2/NDF : 1232.6/2

Left: 125.484 $\pm$ 0.068 χ^2/NDF : 2107.1/7

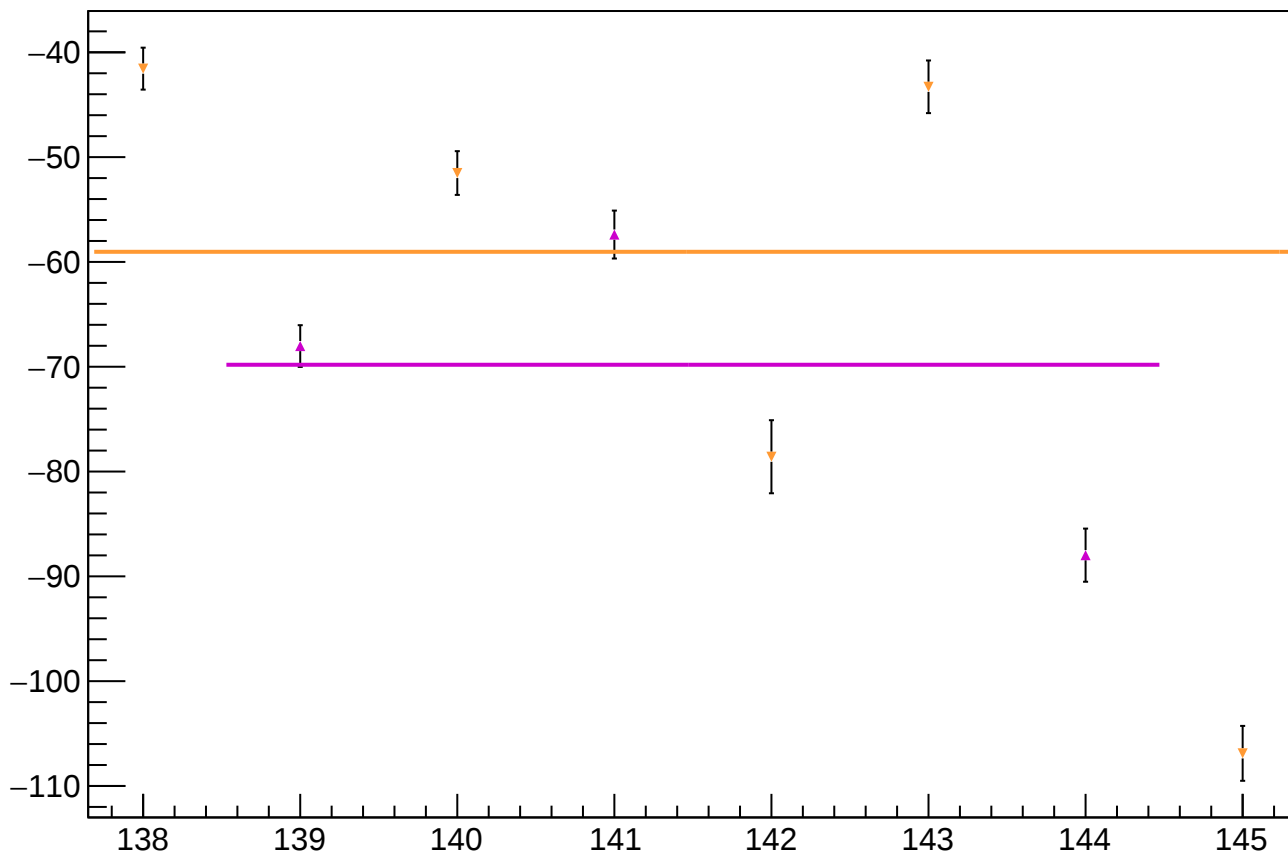
Right: 105.316 $\pm$ 0.058 χ^2/NDF : 128963.5/35

In: 114.779 $\pm$ 0.066 χ^2/NDF : 88891.7/19

Out: 113.044 $\pm$ 0.059 χ^2/NDF : 92775.4/23

All: 113.810 $\pm$ 0.044 χ^2/NDF : 182048.6/43

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.033+/-1.075 χ^2/NDF :493.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -69.811+/-1.292 χ^2/NDF :81.7/2

Left: -63.441+/-0.826 χ^2/NDF : 616.7/7

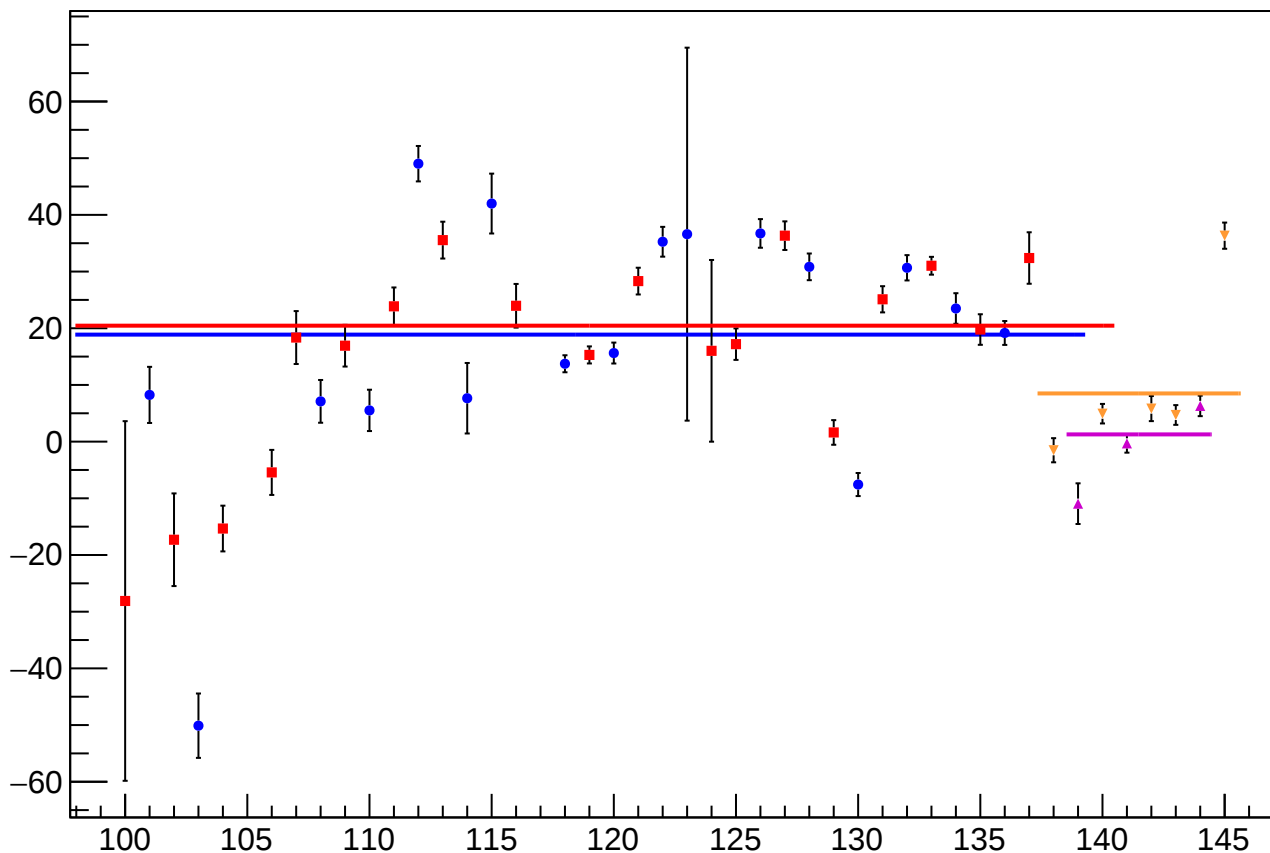
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.811+/-1.292 χ^2/NDF :81.7/2

Out: -59.033+/-1.075 χ^2/NDF :493.9/4

All: -63.441+/-0.826 χ^2/NDF : 616.7/7

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.500 $\pm$ 0.884 χ^2 /NDF:177.7/4

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 1.275 $\pm$ 1.149 χ^2 /NDF:20.3/2

Left: 5.814 $\pm$ 0.701 χ^2 /NDF: 222.8/7

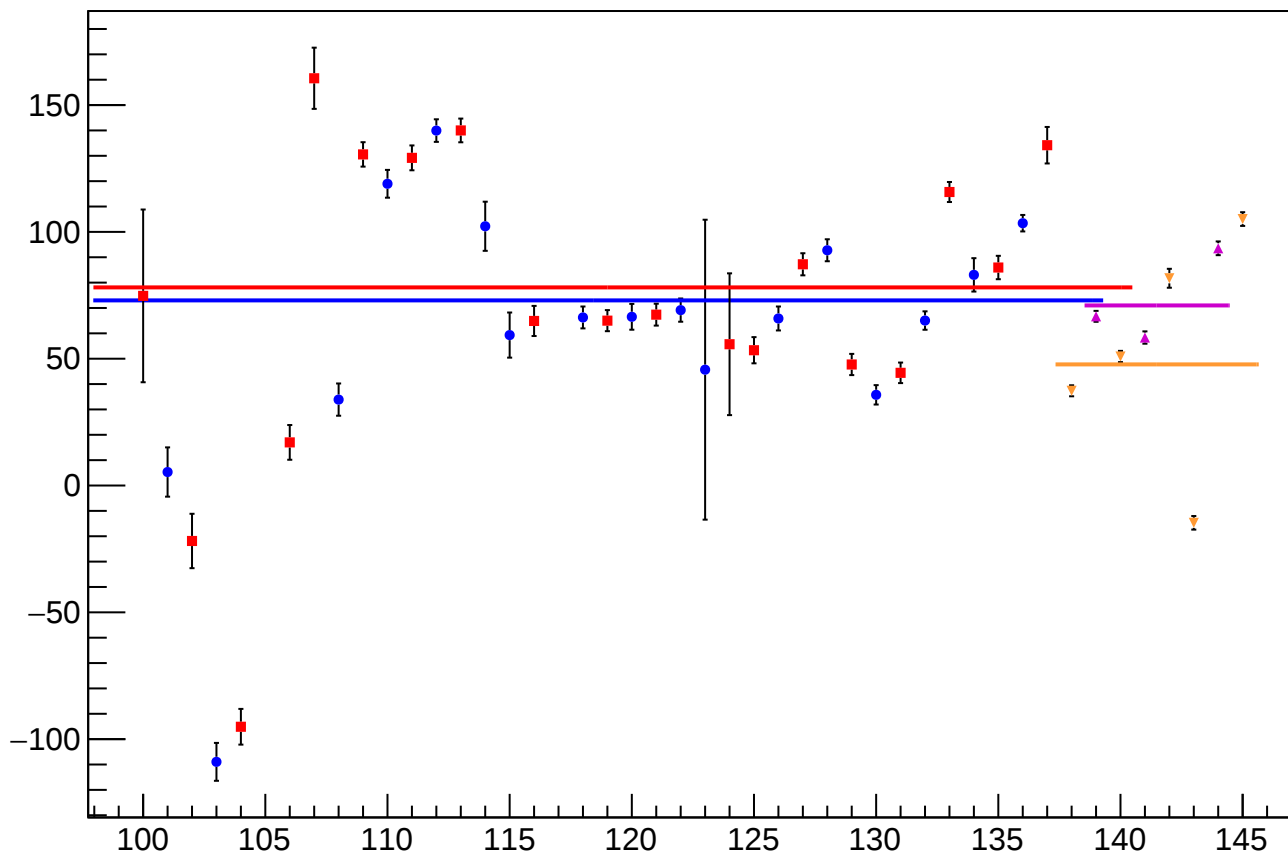
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 14.667 $\pm$ 0.562 χ^2 /NDF:819.2/19

Out: 16.315 $\pm$ 0.520 χ^2 /NDF:662.0/23

All: 15.555 $\pm$ 0.382 χ^2 /NDF: 1485.8/43

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 47.755 $\pm$ 1.145 χ^2 /NDF:1100.5/4

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 71.003 $\pm$ 1.386 χ^2 /NDF:100.1/2

Left: 57.186 $\pm$ 0.883 χ^2 /NDF: 1367.8/7

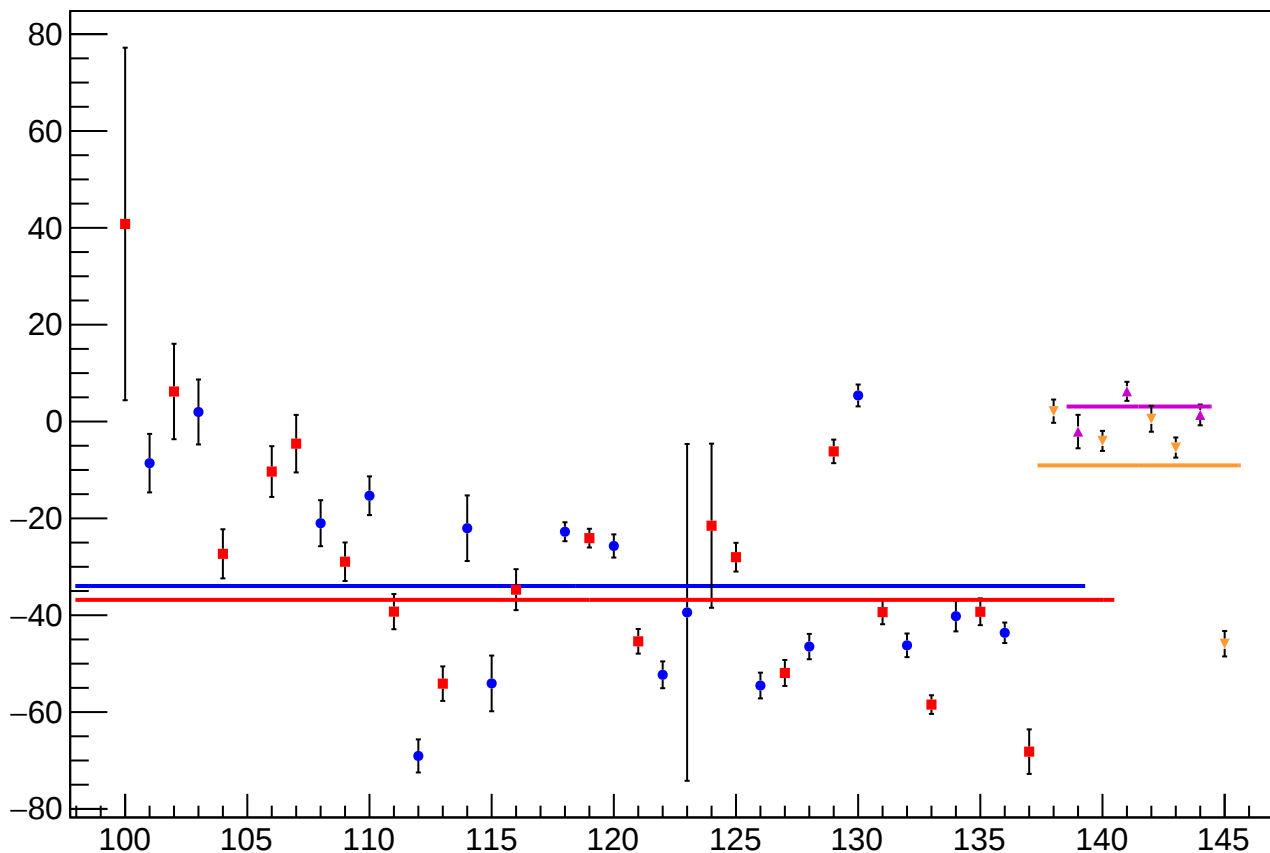
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 72.116 $\pm$ 0.920 χ^2 /NDF:1306.8/19

Out: 61.937 $\pm$ 0.836 χ^2 /NDF:2975.6/23

All: 66.540 $\pm$ 0.619 χ^2 /NDF: 4349.4/43

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 $\chi^2/\text{NDF}: 721.9/16$

Left Out: -9.054 ± 1.041 $\chi^2/\text{NDF}: 239.7/4$

Right Out: -36.824 ± 0.737 $\chi^2/\text{NDF}: 539.9/18$

Left In: 3.100 ± 1.335 $\chi^2/\text{NDF}: 5.4/2$

Left: -4.460 ± 0.821 $\chi^2/\text{NDF}: 296.7/7$

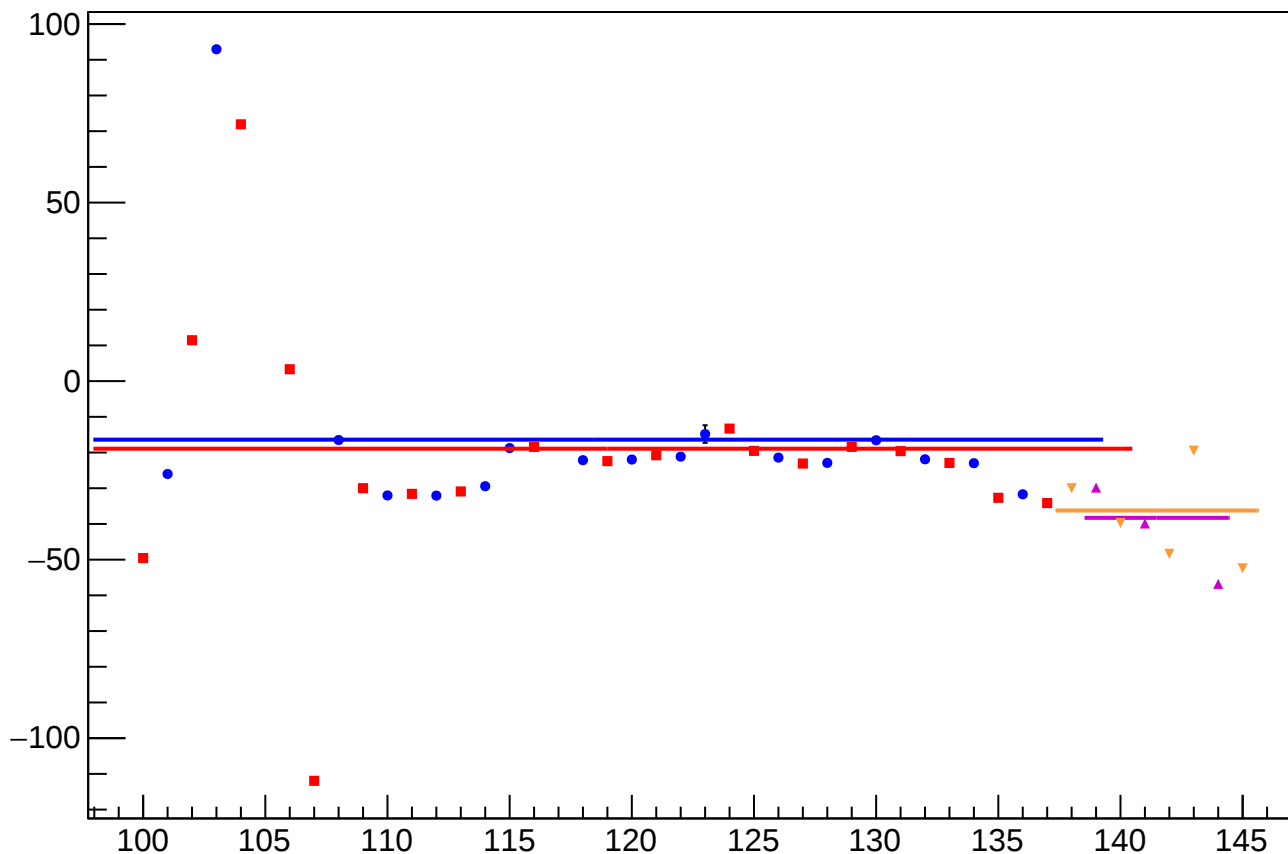
Right: -35.396 ± 0.521 $\chi^2/\text{NDF}: 1269.3/35$

In: -25.301 ± 0.646 $\chi^2/\text{NDF}: 1317.6/19$

Out: -27.556 ± 0.601 $\chi^2/\text{NDF}: 1253.7/23$

All: -26.509 ± 0.440 $\chi^2/\text{NDF}: 2577.8/43$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 $\pm$ 0.044 χ^2 /NDF: 474297.3/16

Left Out: -36.238 $\pm$ 0.046 χ^2 /NDF: 60425.4/4

Right Out: -18.925 $\pm$ 0.045 χ^2 /NDF: 434146.0/18

Left In: -38.285 $\pm$ 0.054 χ^2 /NDF: 36906.7/2

Left: -37.115 $\pm$ 0.035 χ^2 /NDF: 98167.0/7

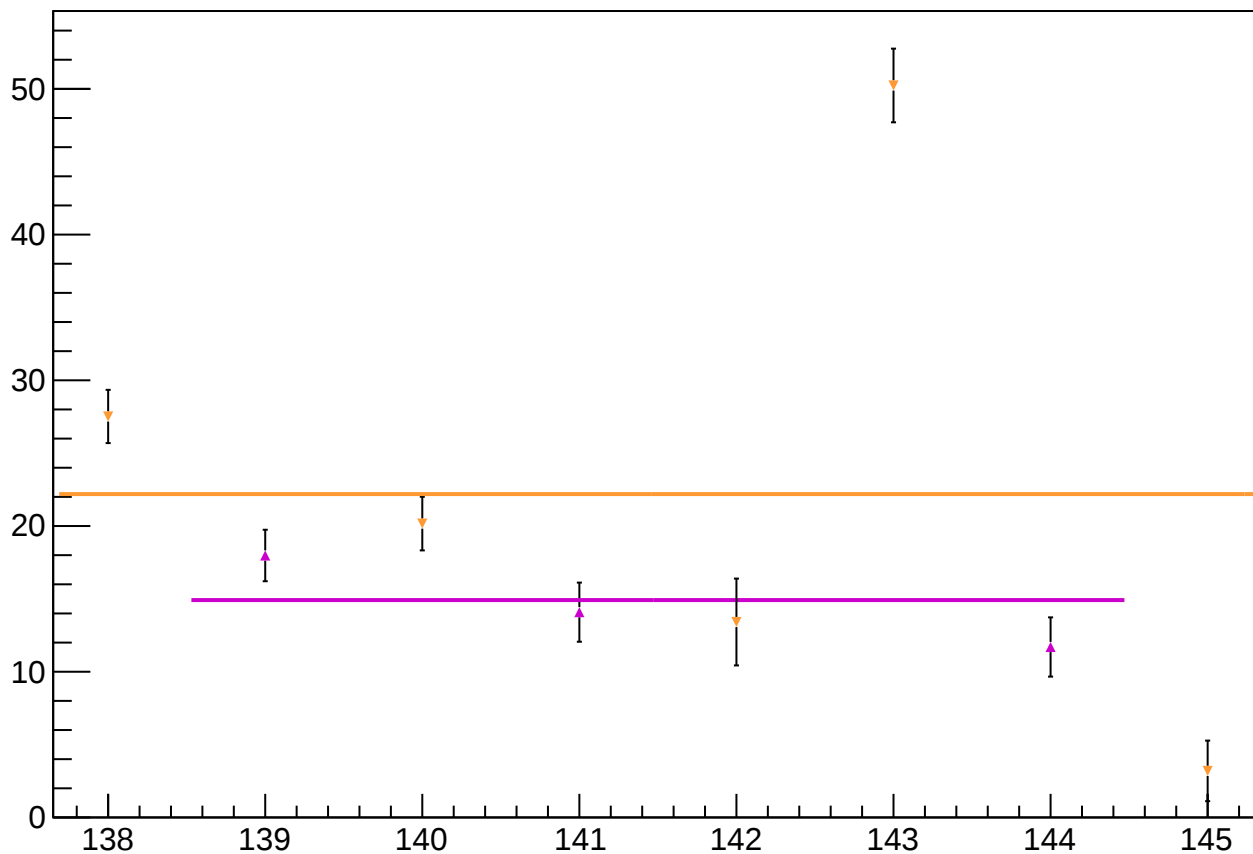
Right: -17.633 $\pm$ 0.032 χ^2 /NDF: 910044.8/35

In: -25.319 $\pm$ 0.034 χ^2 /NDF: 610142.9/19

Out: -27.368 $\pm$ 0.032 χ^2 /NDF: 565956.1/23

All: -26.400 $\pm$ 0.024 χ^2 /NDF: 1177990.4/43

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 22.193+/-0.955 χ^2/NDF :225.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.918+/-1.114 χ^2/NDF :5.7/2

Left: 19.111+/-0.725 χ^2/NDF : 255.2/7

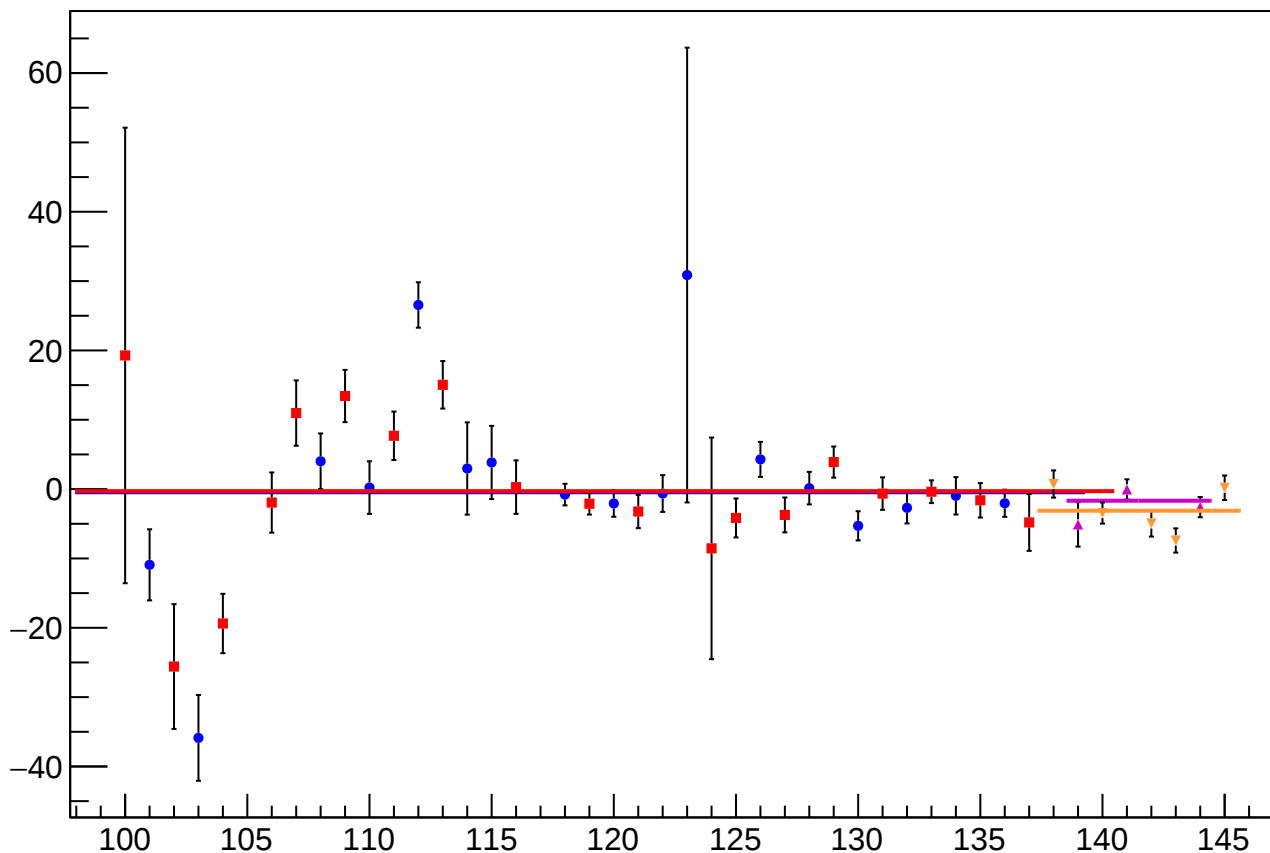
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.918+/-1.114 χ^2/NDF :5.7/2

Out: 22.193+/-0.955 χ^2/NDF :225.0/4

All: 19.111+/-0.725 χ^2/NDF : 255.2/7

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -3.116 ± 0.787 χ^2/NDF : 14.3/4

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.675 ± 0.980 χ^2/NDF : 2.8/2

Left: -2.552 ± 0.614 χ^2/NDF : 18.5/7

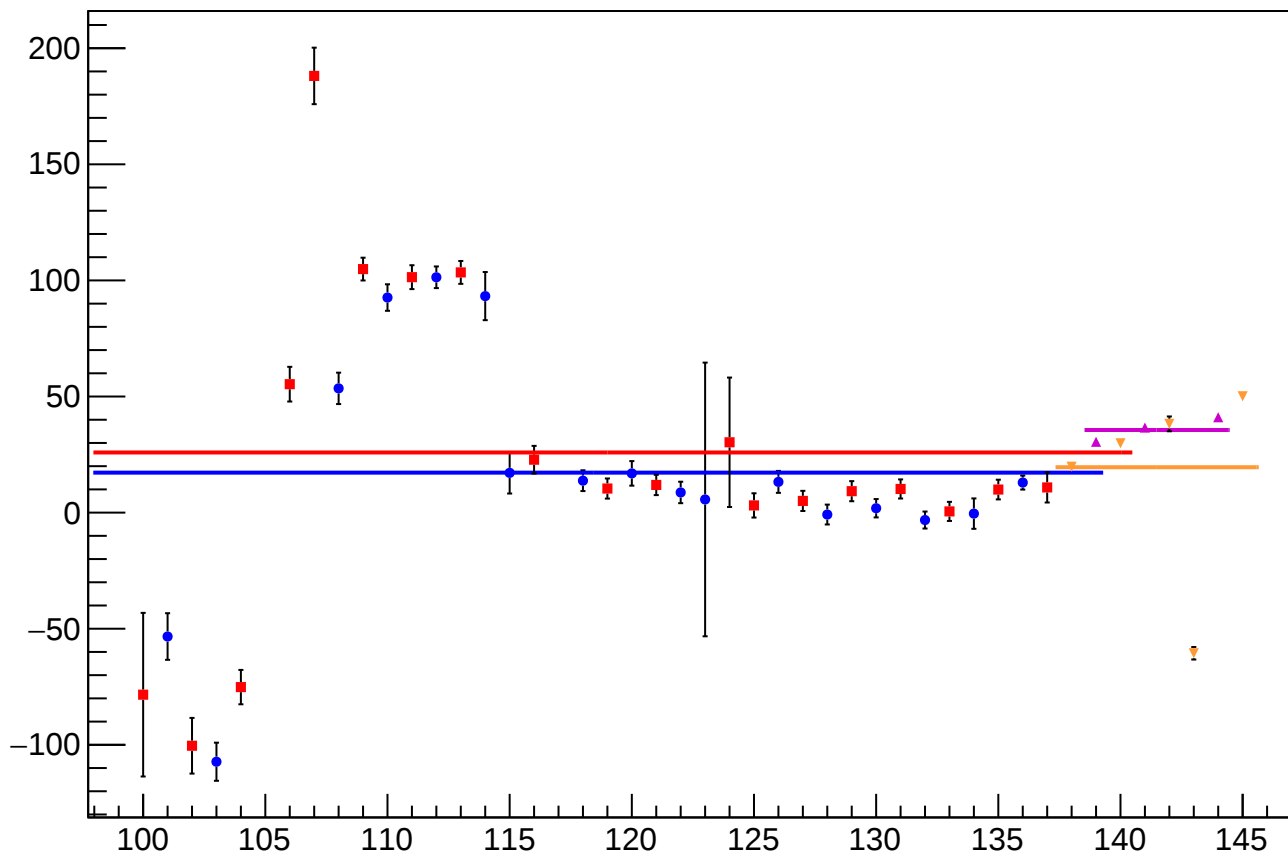
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.829 ± 0.544 χ^2/NDF : 123.4/19

Out: -1.456 ± 0.504 χ^2/NDF : 106.4/23

All: -1.166 ± 0.370 χ^2/NDF : 230.5/43

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 19.551+/-1.020 χ^2/NDF :1141.6/4

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 35.577+/-1.195 χ^2/NDF :13.6/2

Left: 26.301+/-0.776 χ^2/NDF : 1259.3/7

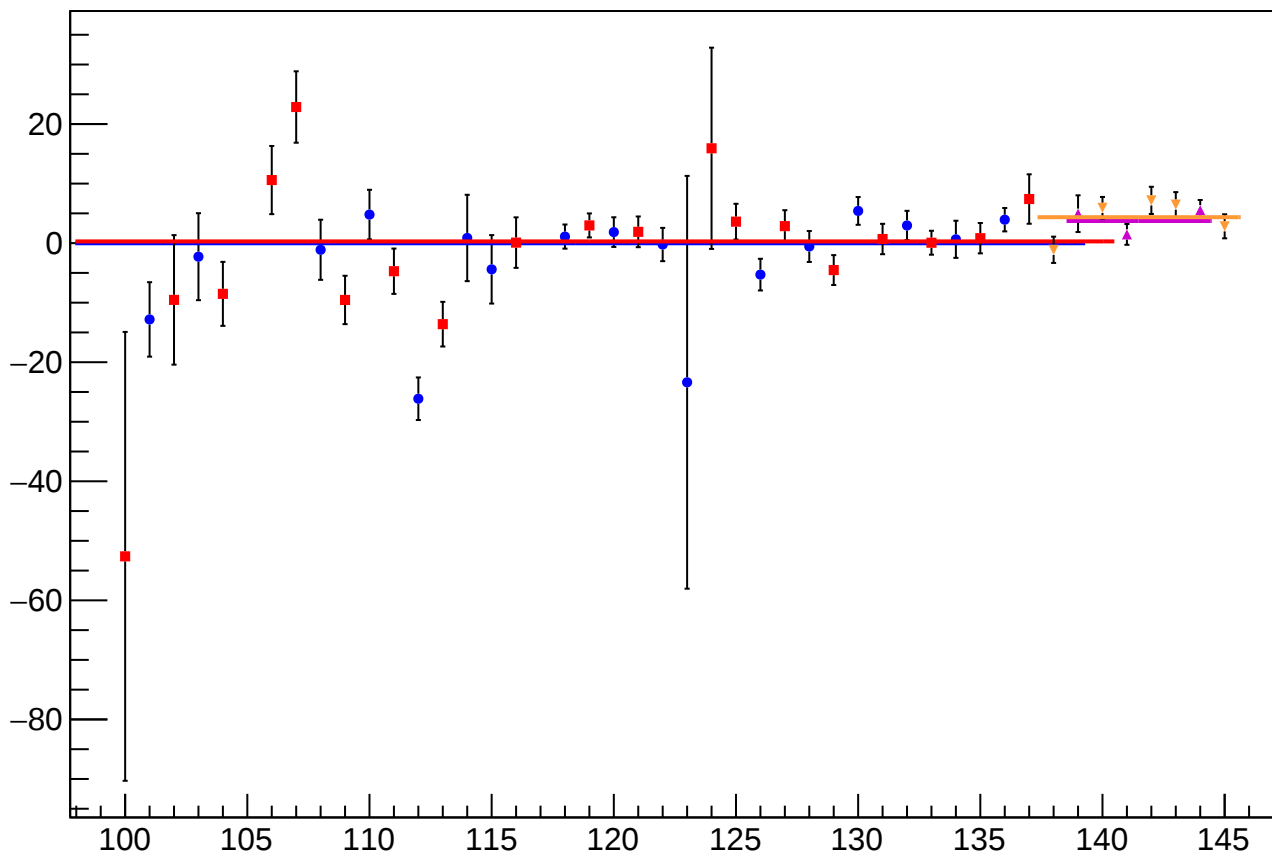
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 26.740+/-0.861 χ^2/NDF :1067.3/19

Out: 22.105+/-0.788 χ^2/NDF :2532.0/23

All: 24.220+/-0.581 χ^2/NDF : 3615.0/43

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022+/-0.745 χ^2 /NDF: 75.8/16

Left Out: 4.355+/-0.924 χ^2 /NDF:10.0/4

Right Out: 0.290+/-0.749 χ^2 /NDF: 56.1/18

Left In: 3.717+/-1.139 χ^2 /NDF:2.9/2

Left: 4.102+/-0.718 χ^2 /NDF: 13.1/7

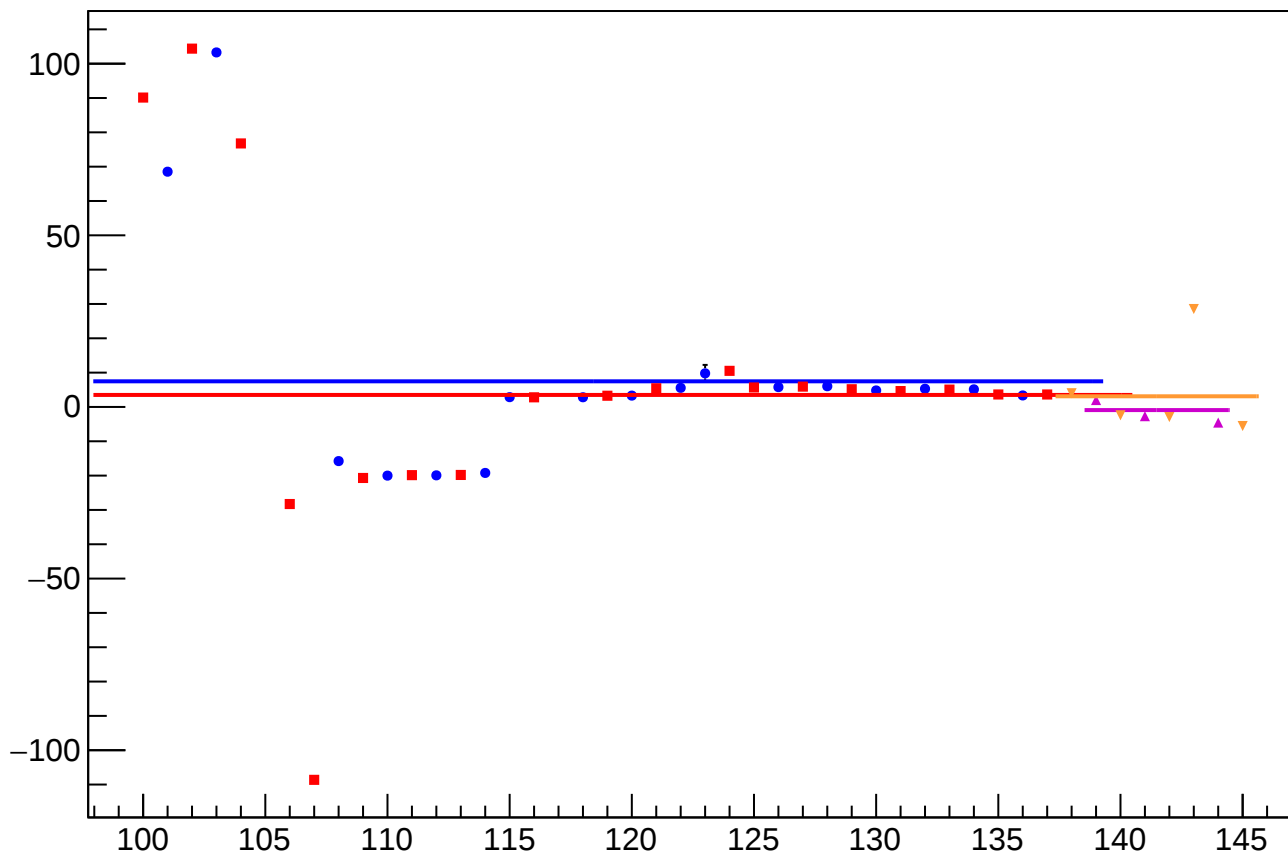
Right: 0.133+/-0.528 χ^2 /NDF: 132.0/35

In: 1.098+/-0.623 χ^2 /NDF:86.3/19

Out: 1.902+/-0.582 χ^2 /NDF:77.7/23

All: 1.528+/-0.425 χ^2 /NDF: 165.0/43

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: 3.105+/-0.041 χ^2/NDF : 71984.4/4

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -0.912+/-0.047 χ^2/NDF : 3756.7/2

Left: 1.341+/-0.031 χ^2/NDF : 79923.3/7

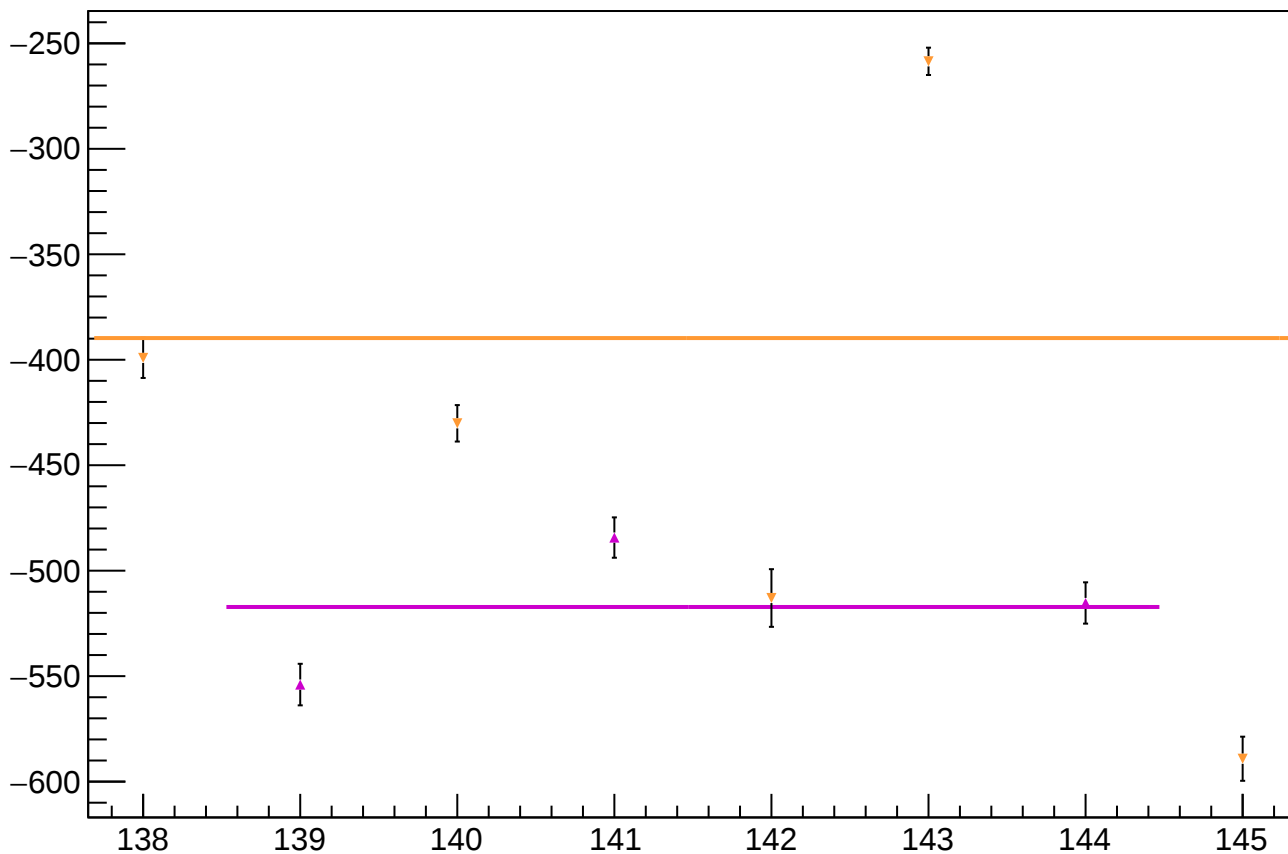
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 3.466+/-0.032 χ^2/NDF : 376597.9/19

Out: 3.283+/-0.031 χ^2/NDF : 582602.9/23

All: 3.370+/-0.022 χ^2/NDF : 959218.0/43

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -389.721+/-3.991 χ^2/NDF :878.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -517.208+/-5.620 χ^2/NDF :25.8/2

Left: -432.466+/-3.254 χ^2/NDF : 1245.9/7

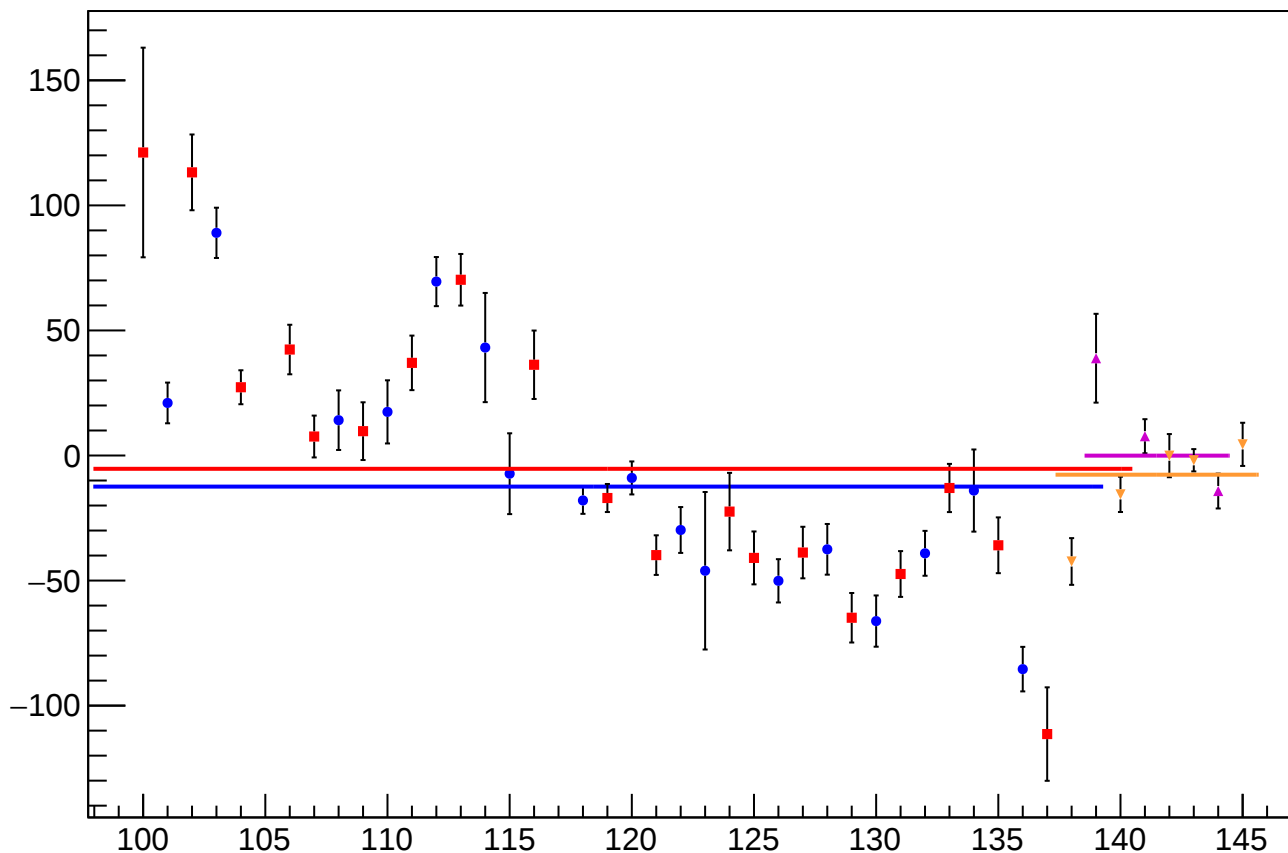
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.208+/-5.620 χ^2/NDF :25.8/2

Out: -389.721+/-3.991 χ^2/NDF :878.0/4

All: -432.466+/-3.254 χ^2/NDF : 1245.9/7

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: -7.669 ± 3.034 $\chi^2/\text{NDF}: 19.5/4$

Right Out: -5.317 ± 2.260 $\chi^2/\text{NDF}: 342.8/18$

Left In: -0.052 ± 4.700 $\chi^2/\text{NDF}: 10.2/2$

Left: -5.429 ± 2.549 $\chi^2/\text{NDF}: 31.5/7$

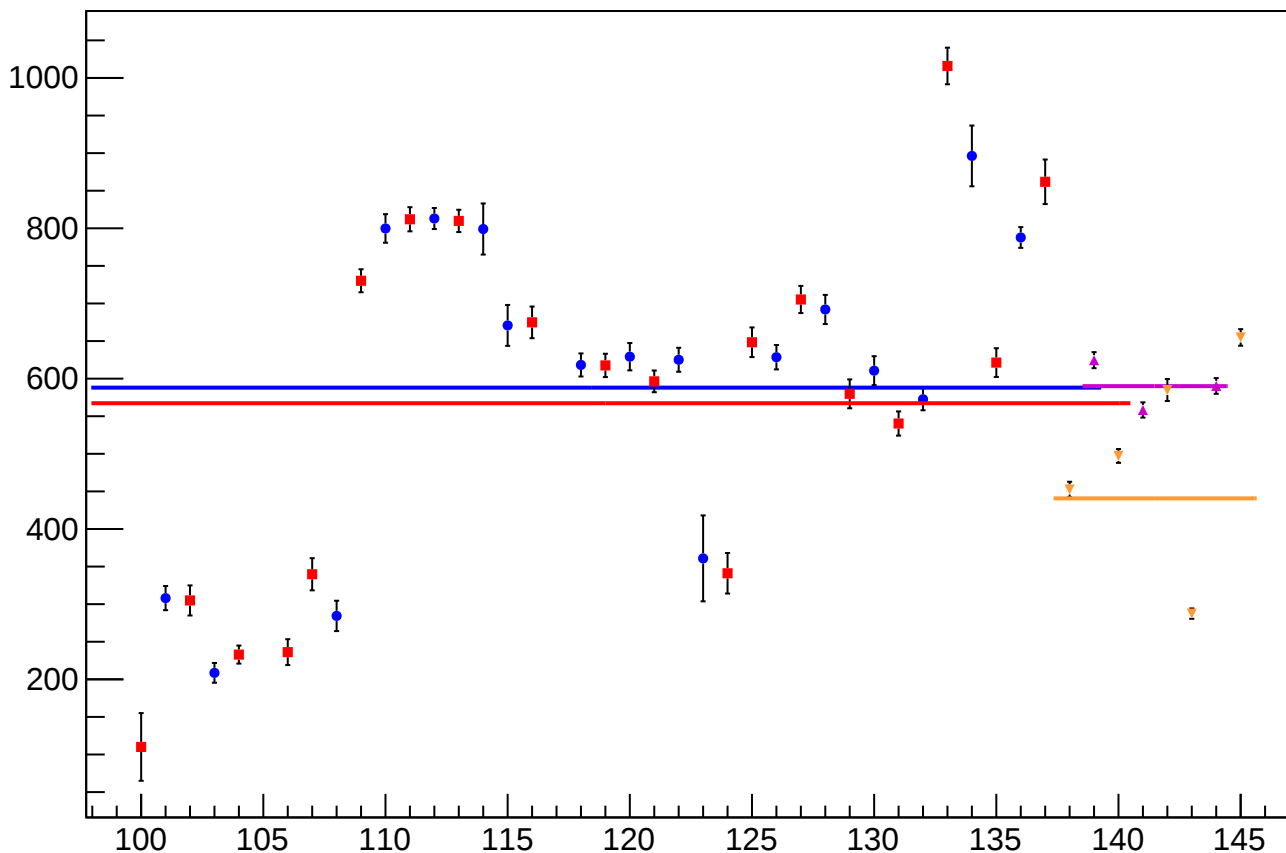
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: -10.014 ± 2.077 $\chi^2/\text{NDF}: 356.0/19$

Out: -6.156 ± 1.812 $\chi^2/\text{NDF}: 362.6/23$

All: -7.824 ± 1.365 $\chi^2/\text{NDF}: 720.6/43$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 440.720 $\pm$ 4.261 χ^2 /NDF:1005.7/4

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 590.025 $\pm$ 6.023 χ^2 /NDF:20.2/2

Left: 490.521 $\pm$ 3.478 χ^2 /NDF: 1435.5/7

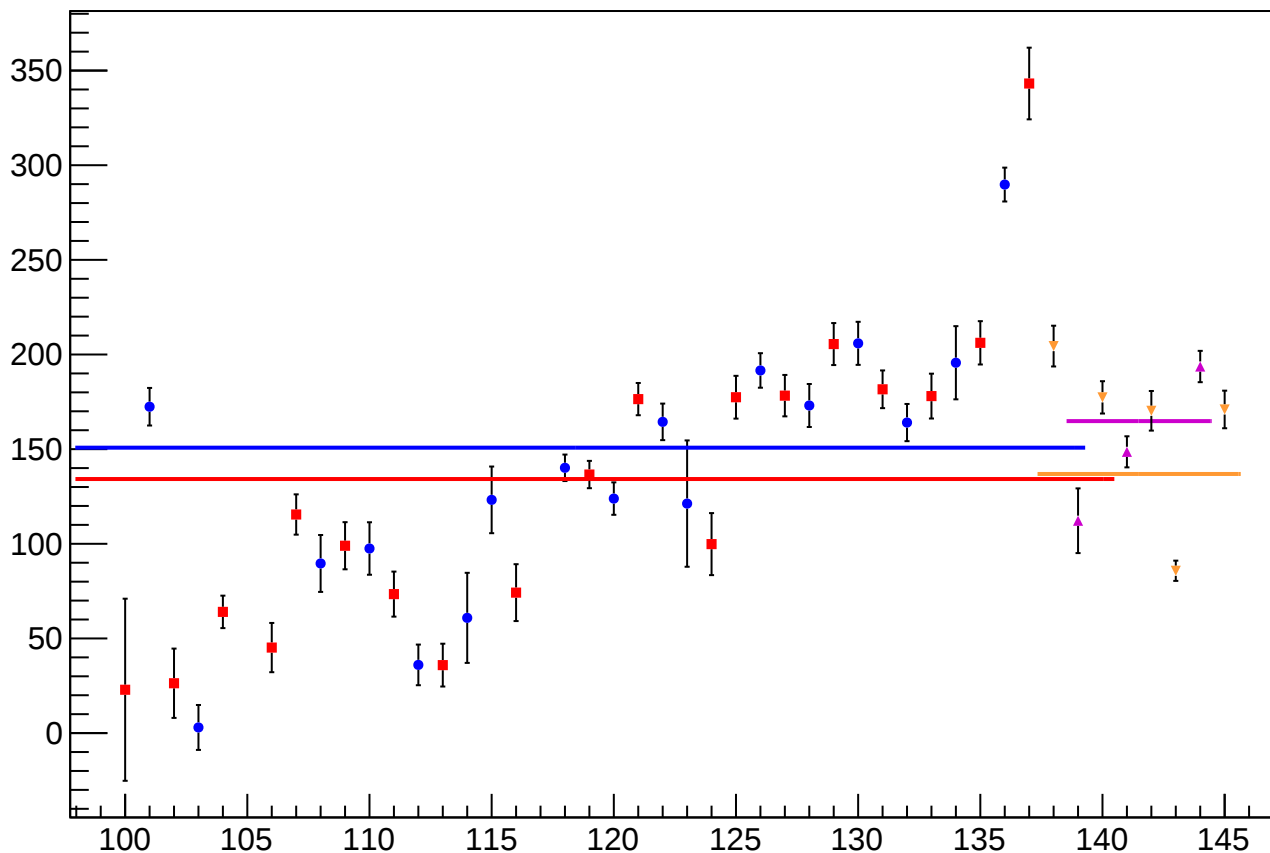
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 588.712 $\pm$ 3.515 χ^2 /NDF:2148.0/19

Out: 505.943 $\pm$ 2.967 χ^2 /NDF:4244.8/23

All: 540.374 $\pm$ 2.267 χ^2 /NDF: 6716.7/43

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 136.889 $\pm$ 3.613 χ^2 /NDF: 175.3/4

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 164.819 $\pm$ 5.516 χ^2 /NDF: 25.5/2

Left: 145.276 $\pm$ 3.022 χ^2 /NDF: 218.7/7

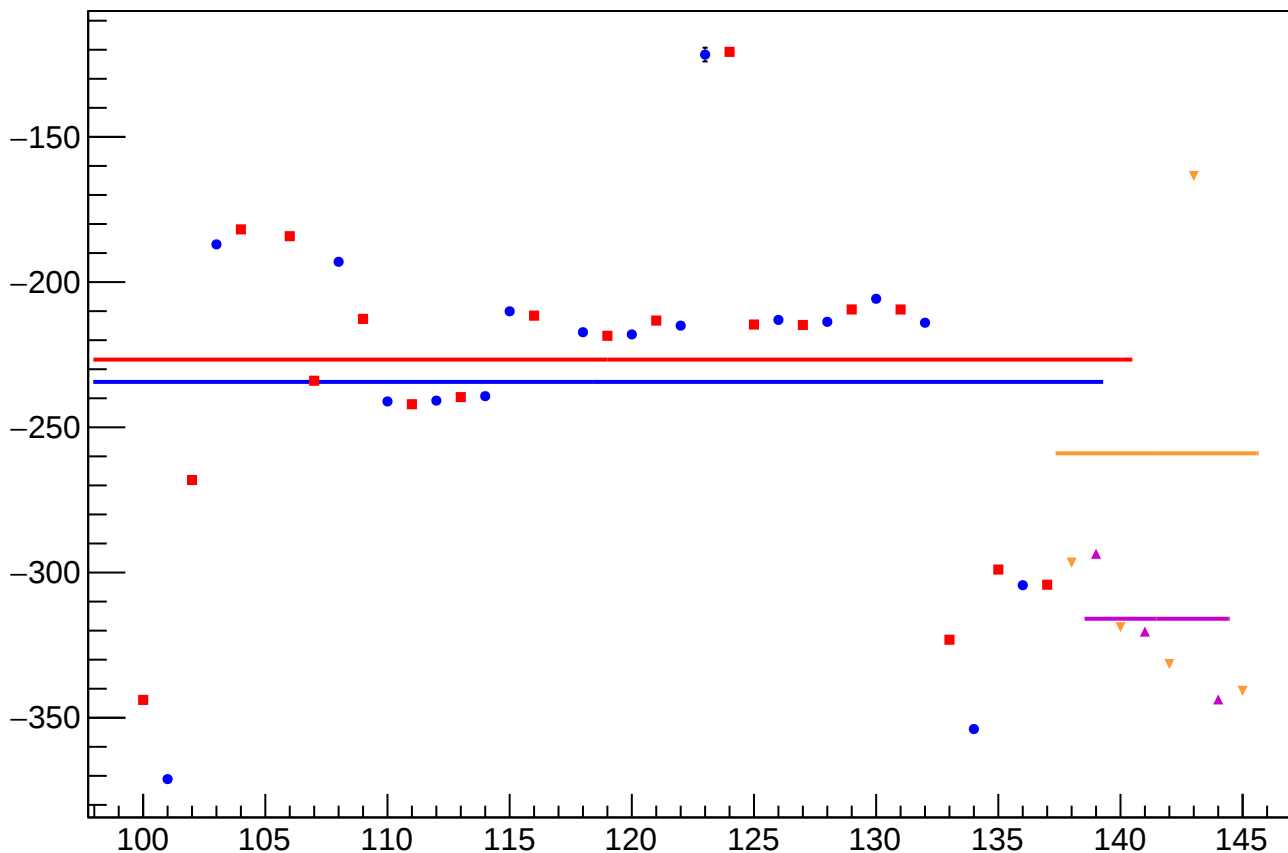
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 153.465 $\pm$ 2.410 χ^2 /NDF: 663.9/19

Out: 135.137 $\pm$ 2.119 χ^2 /NDF: 757.2/23

All: 143.126 $\pm$ 1.591 χ^2 /NDF: 1453.7/43

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -258.944+/-0.174 χ^2/NDF : 198961.1/4

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -315.910+/-0.238 χ^2/NDF : 7337.1/2

Left: -278.767+/-0.140 χ^2/NDF : 243796.8/7

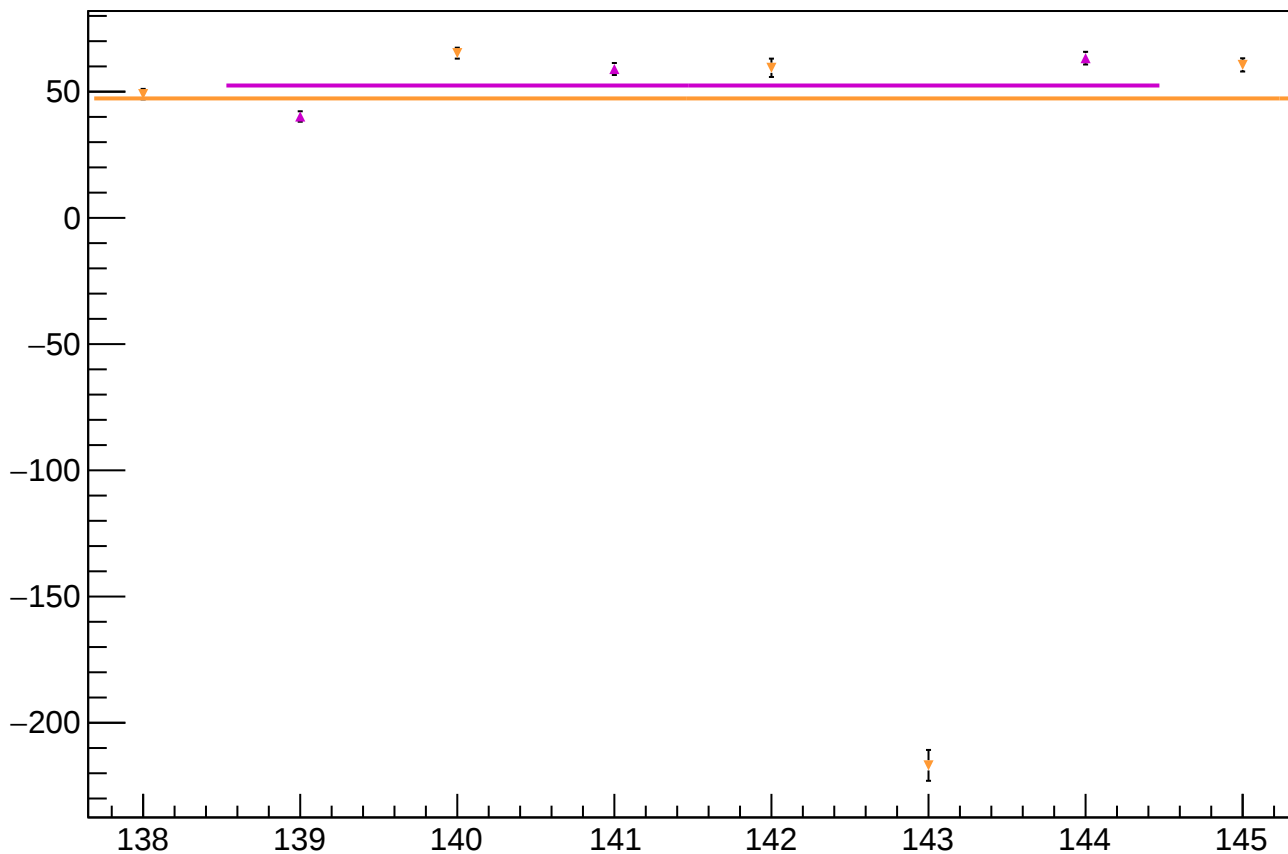
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -257.271+/-0.126 χ^2/NDF : 237245.3/19

Out: -239.534+/-0.110 χ^2/NDF : 319248.9/23

All: -247.176+/-0.083 χ^2/NDF : 567788.3/43

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 47.319+/-1.200 χ^2/NDF :1974.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 52.438+/-1.326 χ^2/NDF :61.3/2

Left: 49.623+/-0.890 χ^2/NDF : 2044.1/7

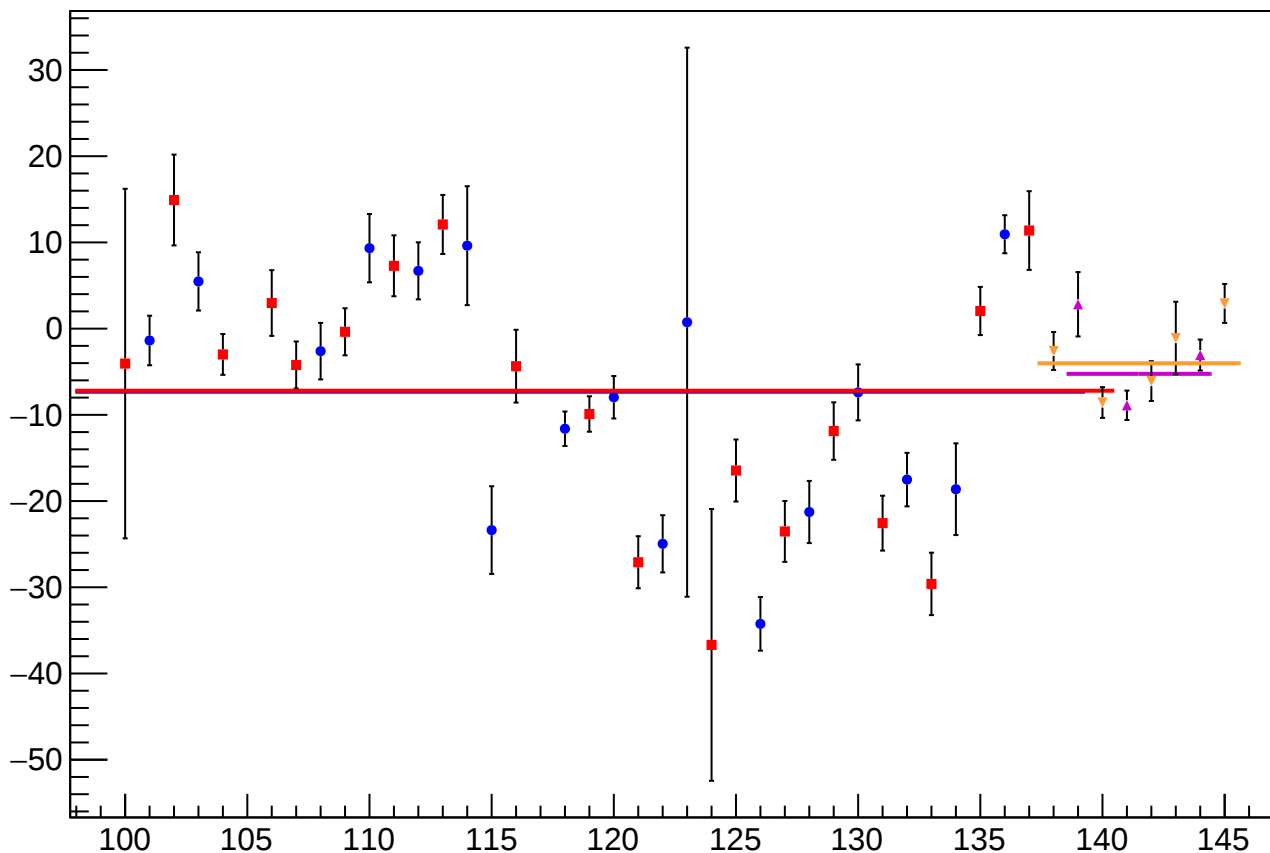
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 52.438+/-1.326 χ^2/NDF :61.3/2

Out: 47.319+/-1.200 χ^2/NDF :1974.5/4

All: 49.623+/-0.890 χ^2/NDF : 2044.1/7

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -4.016 ± 1.020 χ^2/NDF : 17.7/4

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -5.244 ± 1.174 χ^2/NDF : 10.7/2

Left: -4.544 ± 0.770 χ^2/NDF : 29.0/7

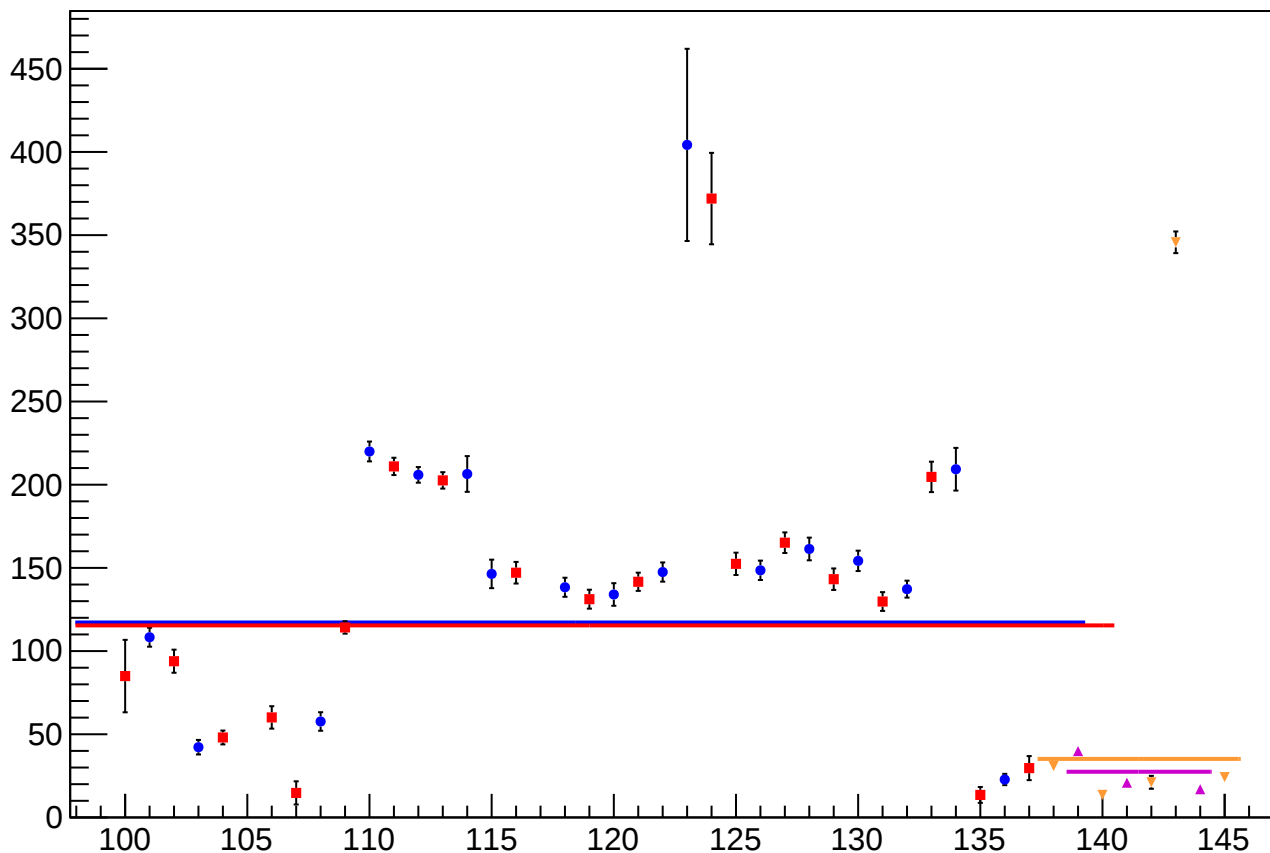
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -6.679 ± 0.650 χ^2/NDF : 292.0/19

Out: -6.059 ± 0.610 χ^2/NDF : 276.0/23

All: -6.349 ± 0.445 χ^2/NDF : 568.5/43

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 35.191+/-1.280 χ^2/NDF :2389.8/4

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 27.465+/-1.423 χ^2/NDF :52.7/2

Left: 31.735+/-0.952 χ^2/NDF : 2458.9/7

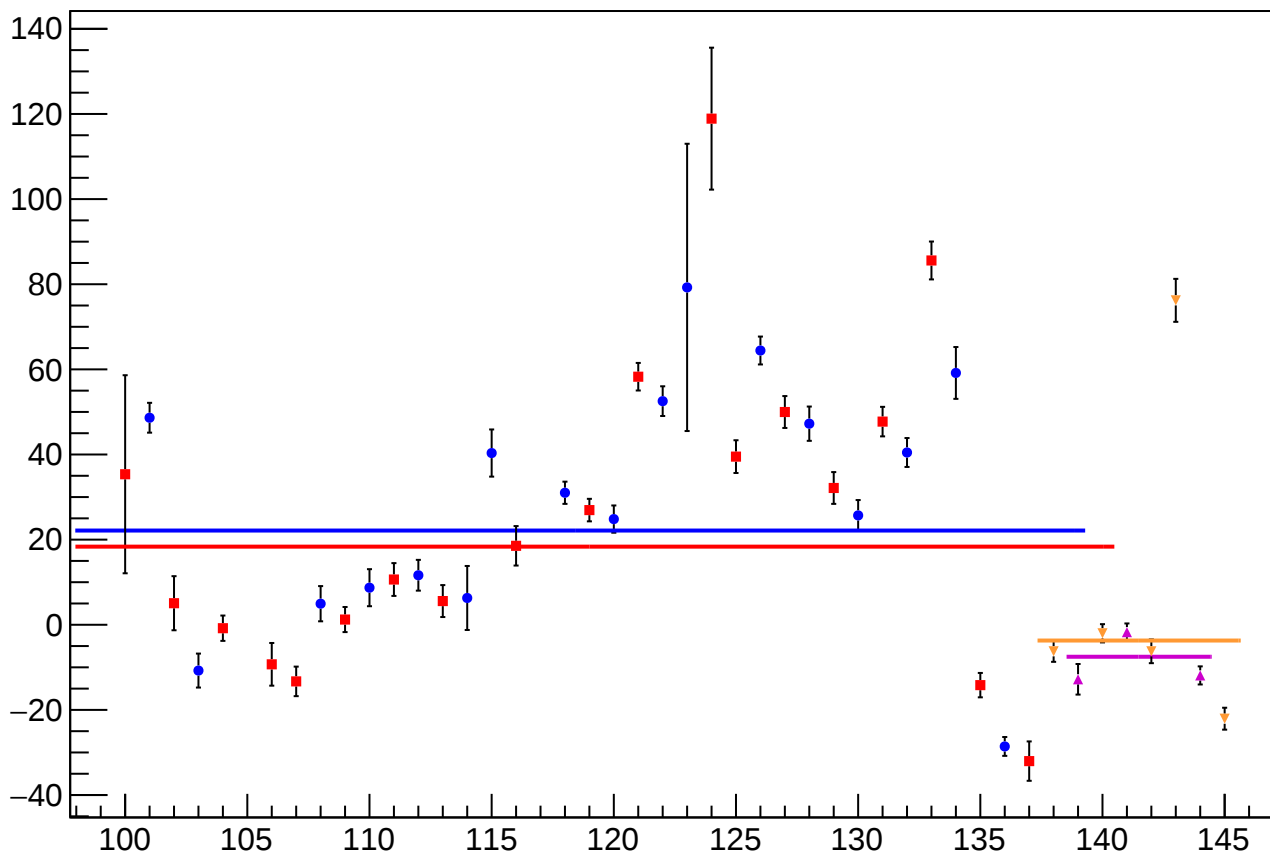
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 72.689+/-1.002 χ^2/NDF :4216.0/19

Out: 72.873+/-0.932 χ^2/NDF :6386.3/23

All: 72.787+/-0.683 χ^2/NDF : 10602.2/43

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -3.704 $\pm$ 1.196 χ^2 /NDF:304.0/4

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -7.514 $\pm$ 1.364 χ^2 /NDF:14.4/2

Left: -5.360 $\pm$ 0.899 χ^2 /NDF: 322.9/7

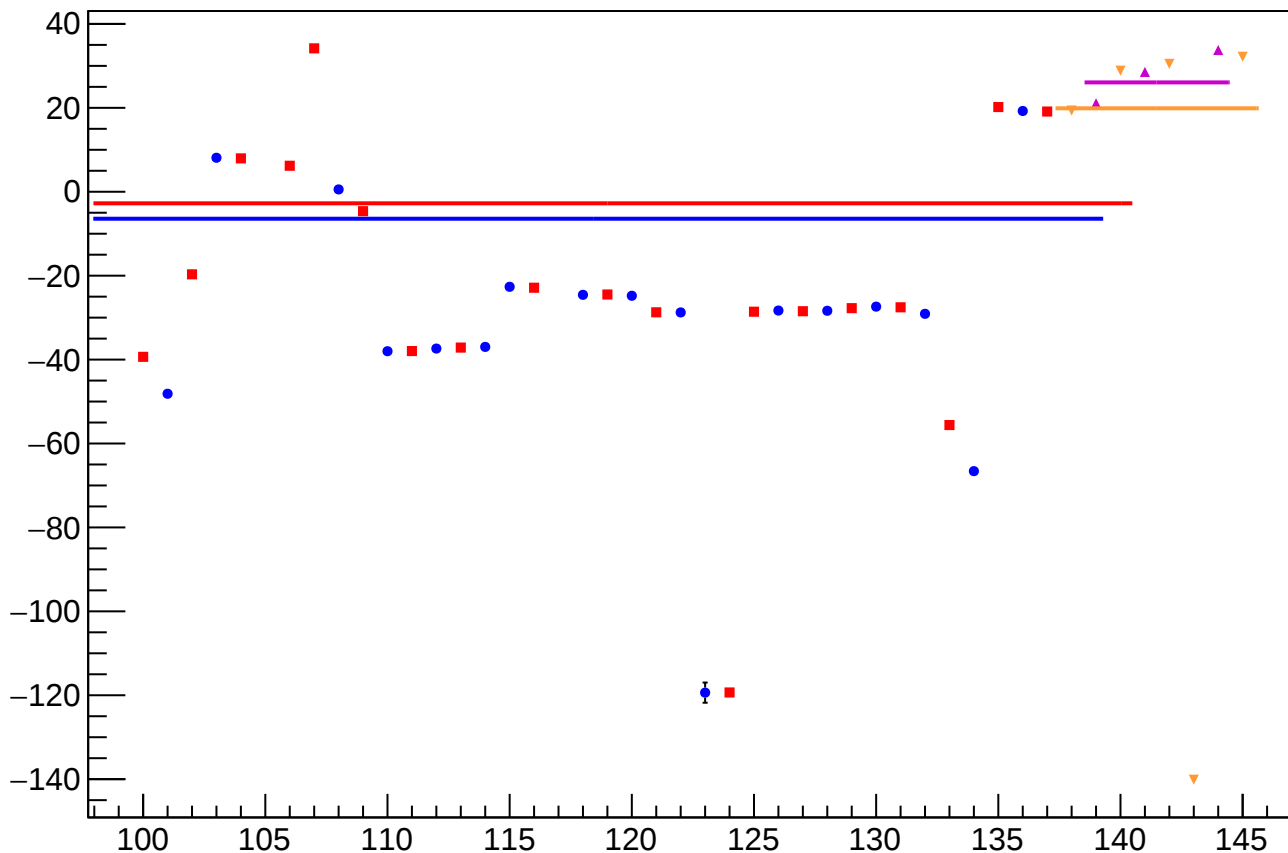
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 13.264 $\pm$ 0.746 χ^2 /NDF:1409.8/19

Out: 10.705 $\pm$ 0.704 χ^2 /NDF:1597.2/23

All: 11.911 $\pm$ 0.512 χ^2 /NDF: 3013.1/43

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: 19.885 ± 0.052 χ^2/NDF : 397759.2/4

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 26.060 ± 0.055 χ^2/NDF : 8879.4/2

Left: 22.783 ± 0.038 χ^2/NDF : 413306.7/7

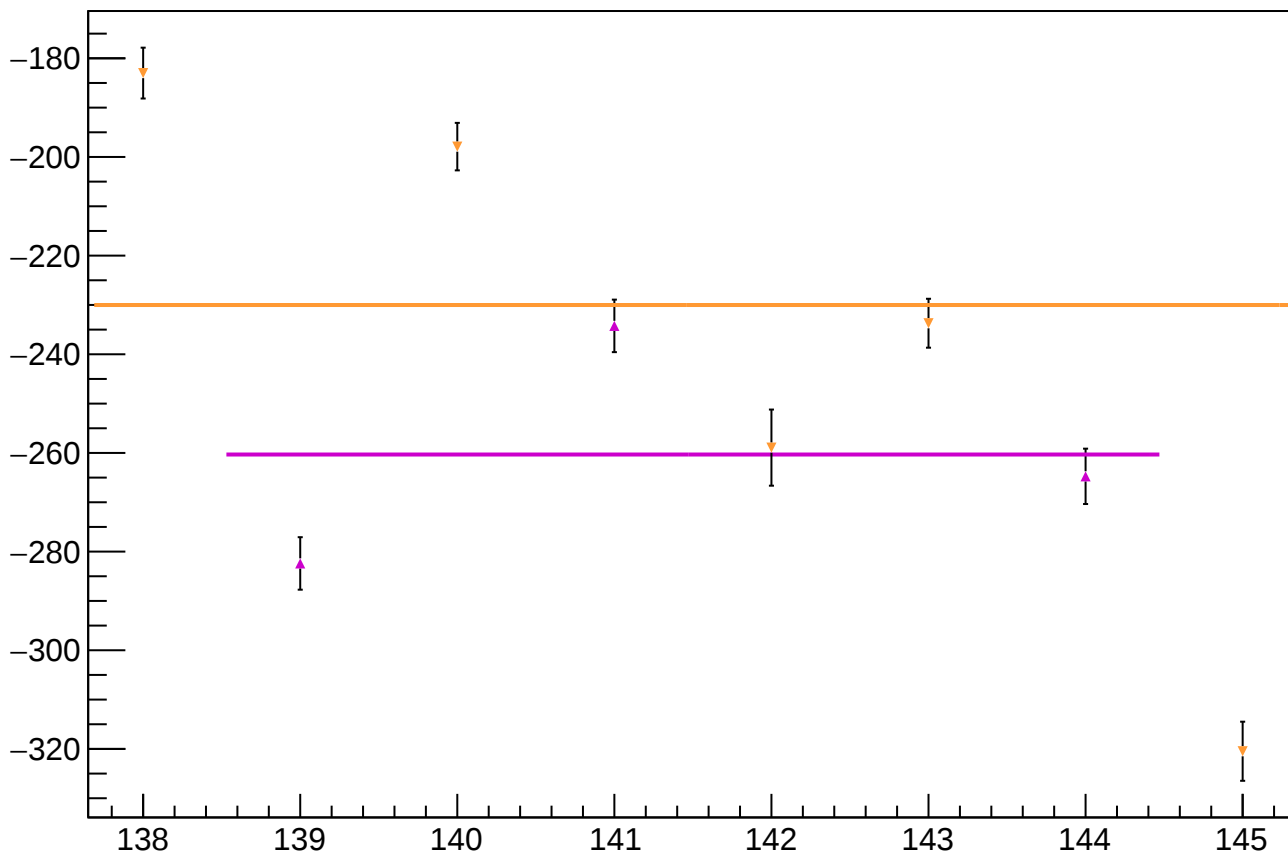
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 6.990 ± 0.035 χ^2/NDF : 478169.6/19

Out: 7.149 ± 0.034 χ^2/NDF : 771467.5/23

All: 7.072 ± 0.025 χ^2/NDF : 1249647.5/43

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -230.014+/-2.453 χ^2/NDF :370.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -260.320+/-3.125 χ^2/NDF :41.8/2

Left: -241.569+/-1.930 χ^2/NDF : 470.3/7

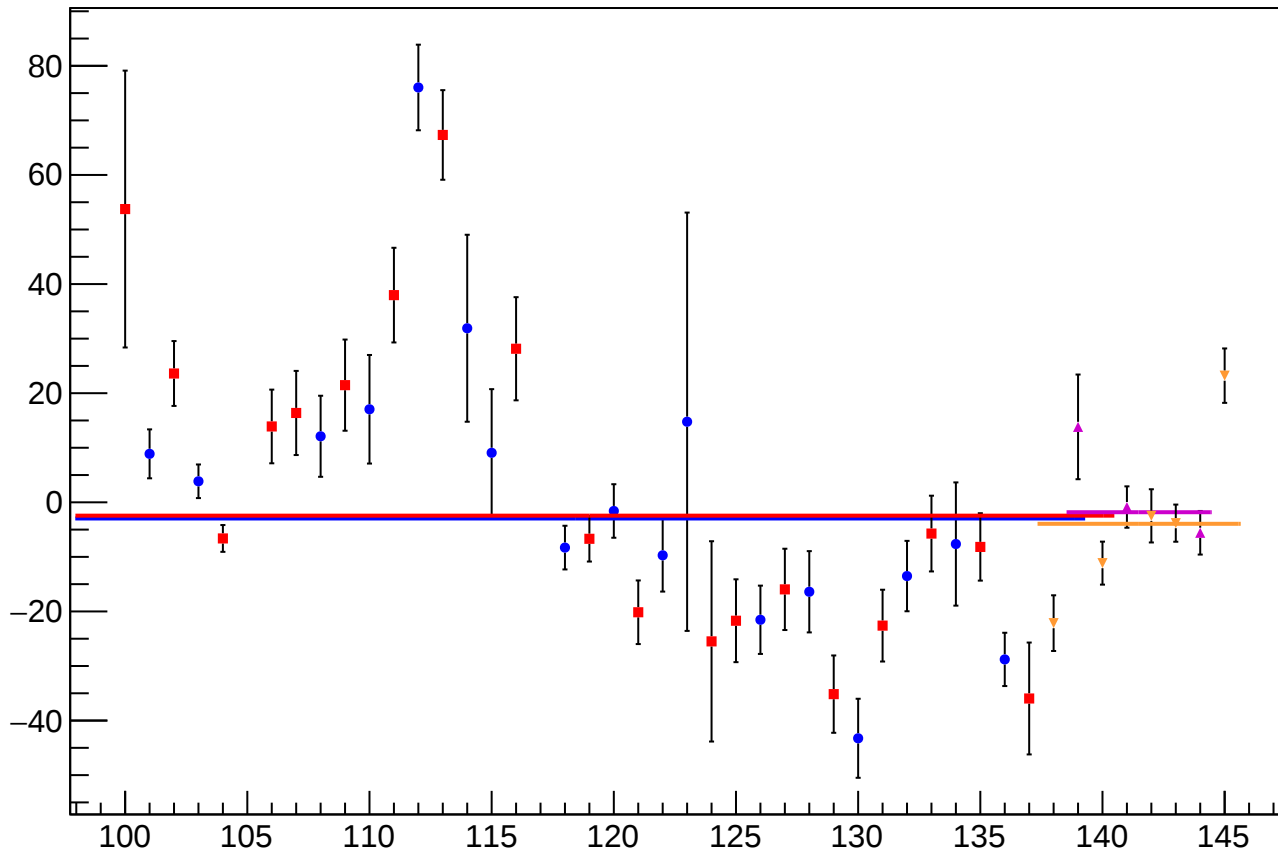
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -260.320+/-3.125 χ^2/NDF :41.8/2

Out: -230.014+/-2.453 χ^2/NDF :370.3/4

All: -241.569+/-1.930 χ^2/NDF : 470.3/7

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: -3.938 ± 1.920 χ^2/NDF : 45.8/4

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: -1.815 ± 2.644 χ^2/NDF : 3.6/2

Left: -3.205 ± 1.554 χ^2/NDF : 49.8/7

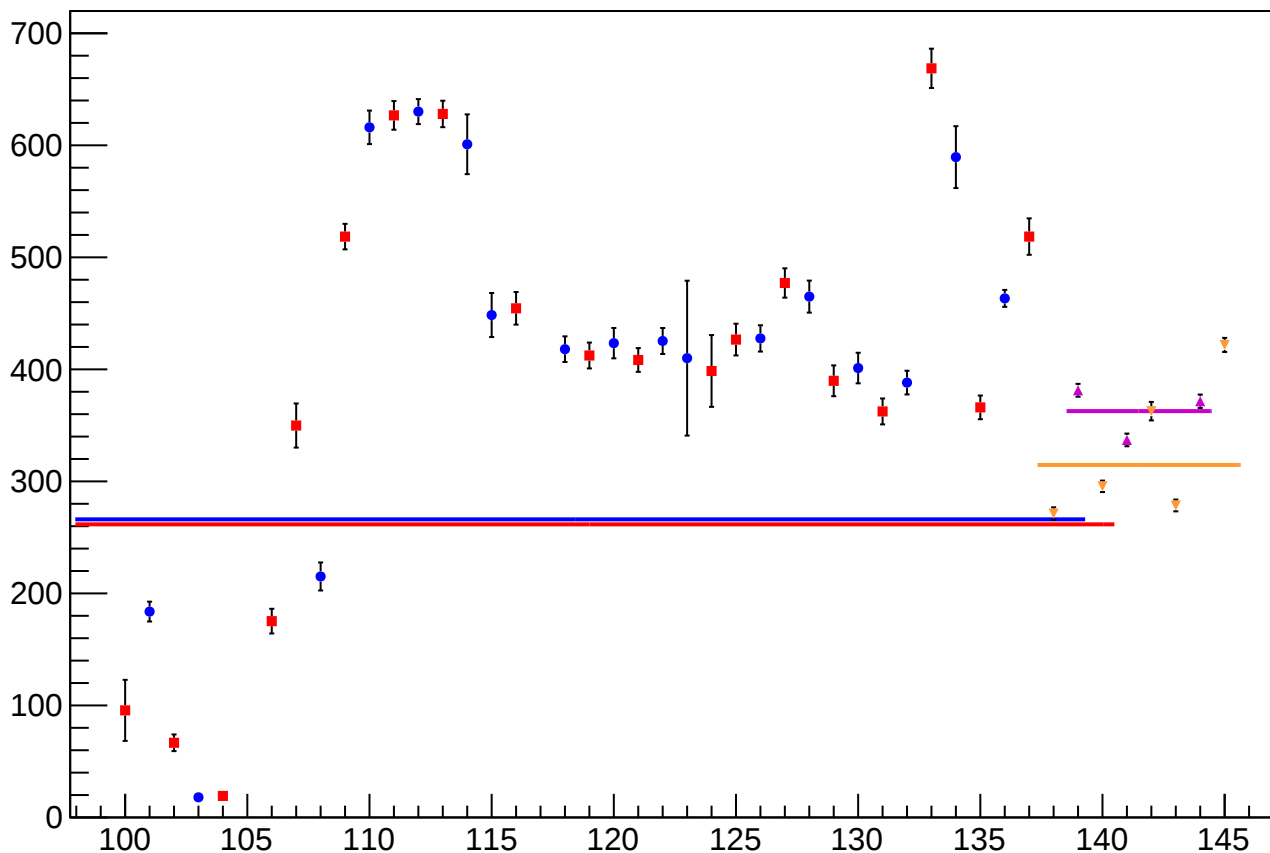
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: -2.698 ± 1.273 χ^2/NDF : 207.3/19

Out: -2.962 ± 1.129 χ^2/NDF : 261.6/23

All: -2.845 ± 0.845 χ^2/NDF : 468.9/43

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111+/-2.480 χ^2/NDF : 7644.0/16

Left Out: 314.666+/-2.619 χ^2/NDF :444.6/4

Right Out: 261.642+/-2.457 χ^2/NDF : 8209.5/18

Left In: 362.739+/-3.350 χ^2/NDF :33.2/2

Left: 332.904+/-2.063 χ^2/NDF : 605.6/7

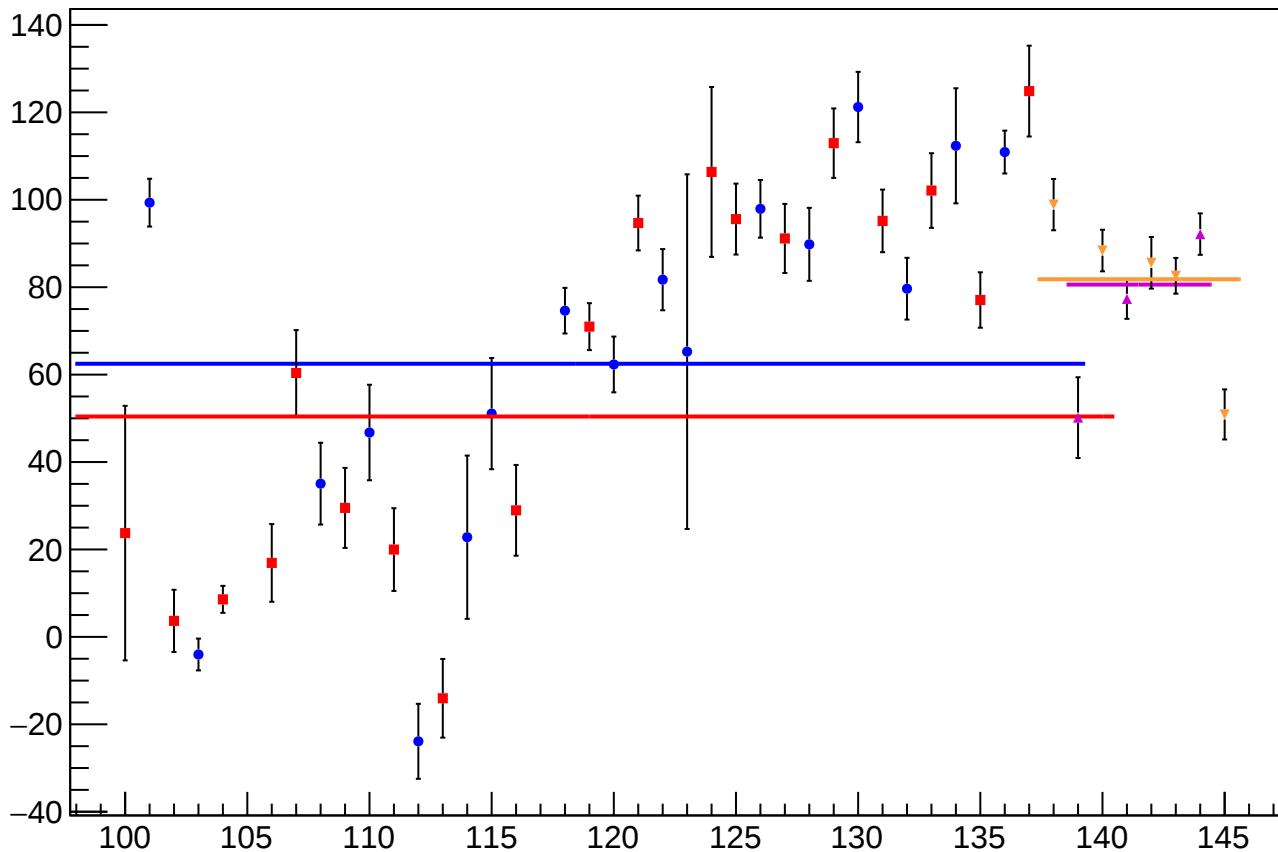
Right: 263.855+/-1.745 χ^2/NDF : 15855.1/35

In: 300.324+/-1.993 χ^2/NDF :8214.7/19

Out: 286.457+/-1.792 χ^2/NDF :8872.1/23

All: 292.654+/-1.333 χ^2/NDF : 17113.5/43

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 81.820 $\pm$ 2.281 χ^2 /NDF:39.9/4

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 80.599 $\pm$ 3.099 χ^2 /NDF:17.3/2

Left: 81.391 $\pm$ 1.837 χ^2 /NDF: 57.3/7

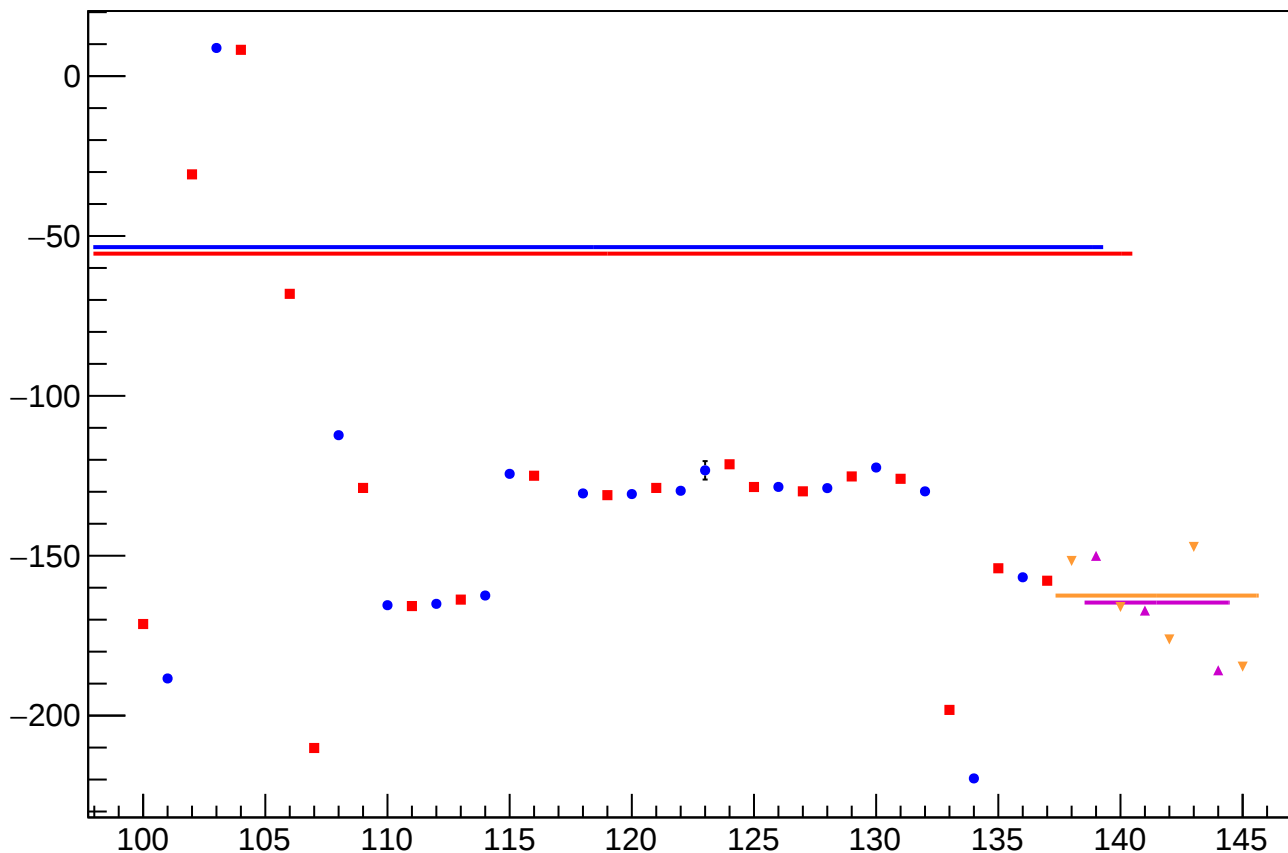
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 66.604 $\pm$ 1.478 χ^2 /NDF:764.5/19

Out: 61.136 $\pm$ 1.332 χ^2 /NDF:816.2/23

All: 63.588 $\pm$ 0.990 χ^2 /NDF: 1588.2/43

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -162.462+/-0.107 χ^2/NDF : 17444.5/4

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -164.648+/-0.132 χ^2/NDF : 11792.9/2

Left: -163.331+/-0.083 χ^2/NDF : 29403.6/7

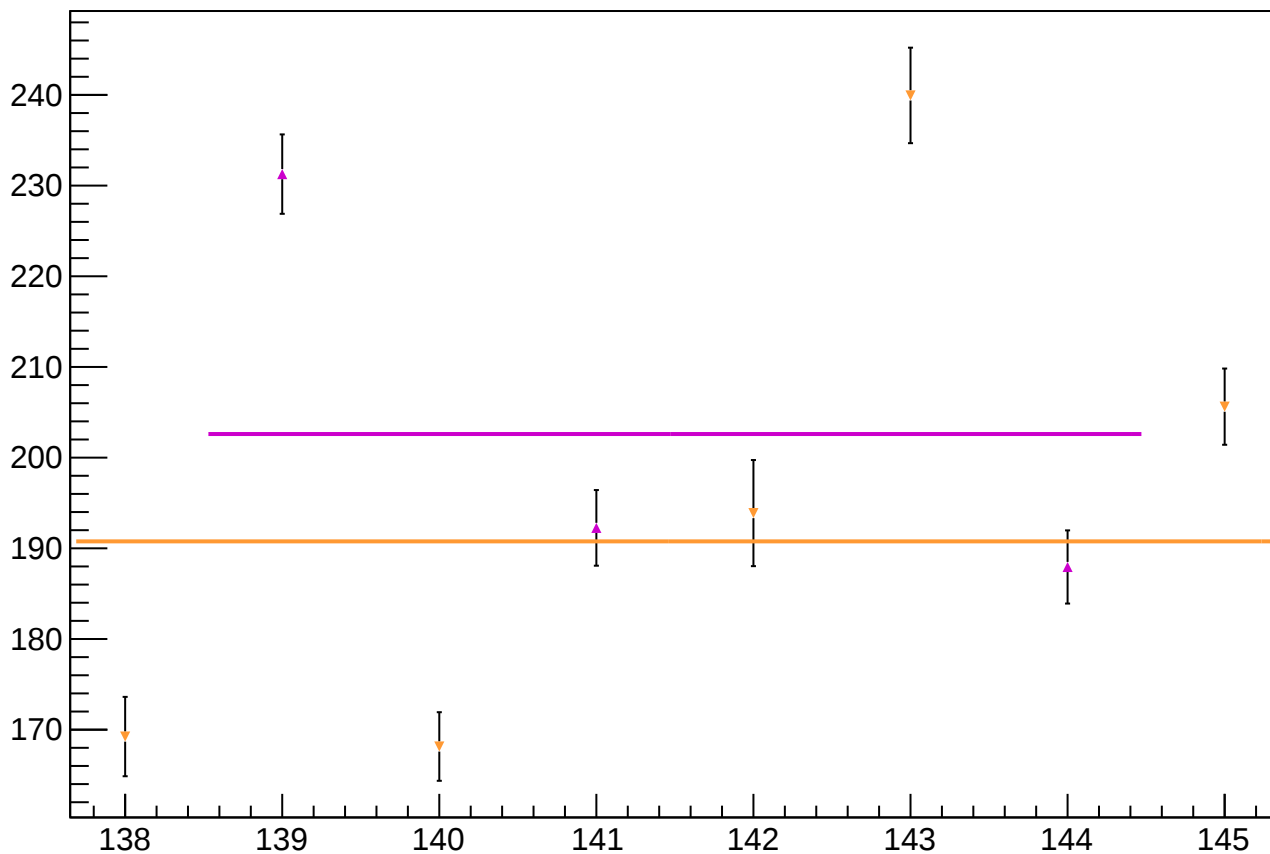
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -78.161+/-0.062 χ^2/NDF : 1795541.1/19

Out: -88.835+/-0.060 χ^2/NDF : 1676501.5/23

All: -83.705+/-0.043 χ^2/NDF : 3487428.1/43

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 190.766+/-2.024 χ^2/NDF :159.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 202.604+/-2.418 χ^2/NDF :62.2/2

Left: 195.645+/-1.552 χ^2/NDF : 236.3/7

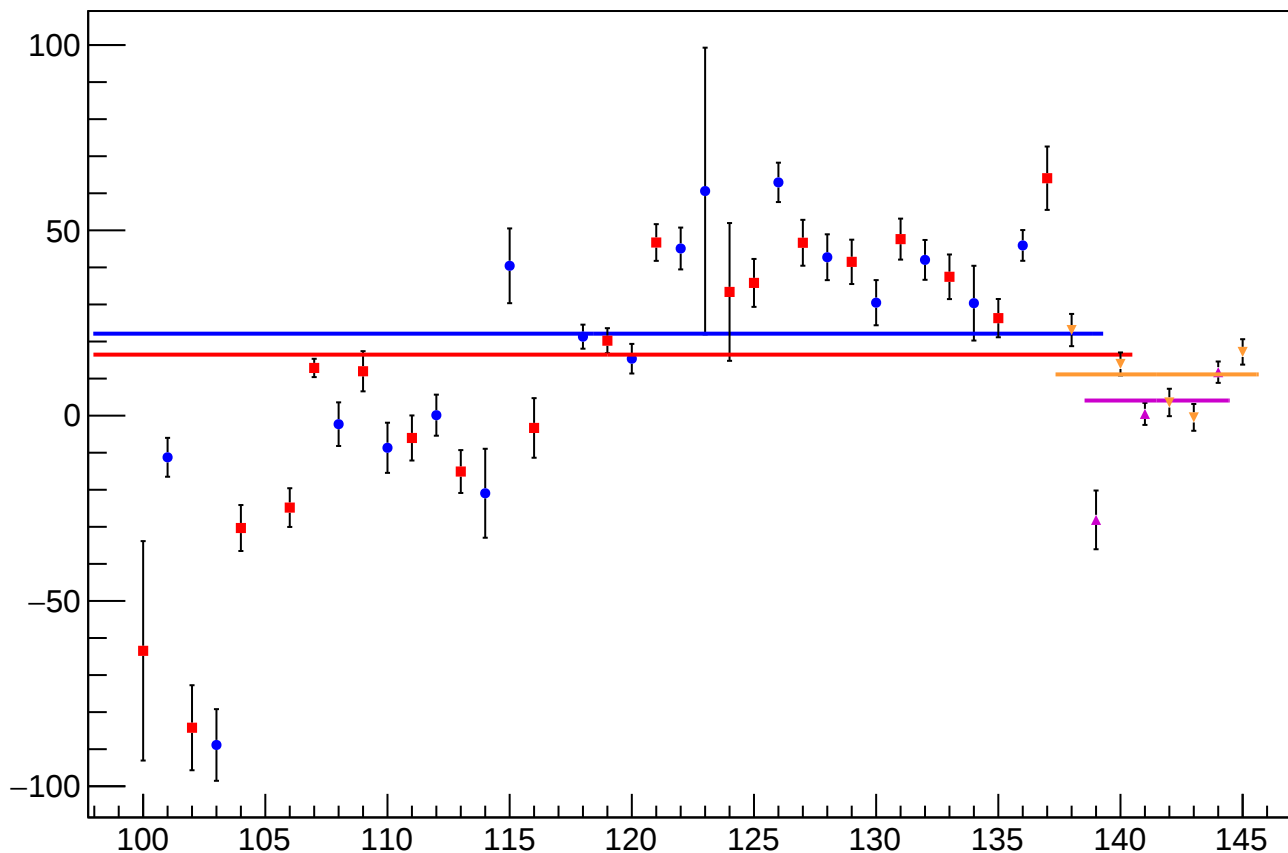
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.604+/-2.418 χ^2/NDF :62.2/2

Out: 190.766+/-2.024 χ^2/NDF :159.9/4

All: 195.645+/-1.552 χ^2/NDF : 236.3/7

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 11.128 $\pm$ 1.598 χ^2 /NDF:26.0/4

Right Out: 16.464 $\pm$ 1.228 χ^2 /NDF: 424.1/18

Left In: 4.080 $\pm$ 2.003 χ^2 /NDF:25.0/2

Left: 8.387 $\pm$ 1.249 χ^2 /NDF: 58.6/7

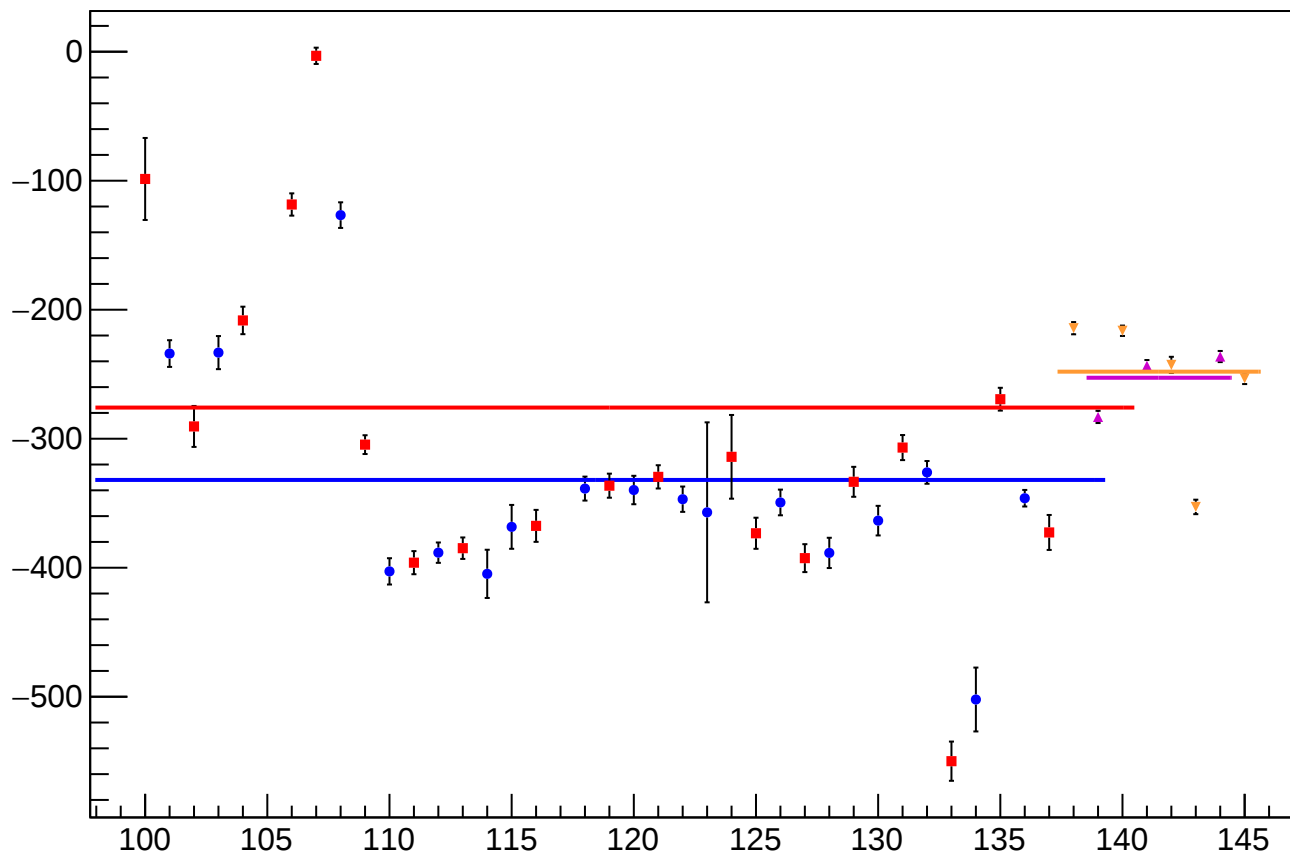
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 16.332 $\pm$ 1.134 χ^2 /NDF:462.1/19

Out: 14.482 $\pm$ 0.974 χ^2 /NDF:457.2/23

All: 15.267 $\pm$ 0.739 χ^2 /NDF: 920.8/43

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -248.015 ± 2.163 $\chi^2/\text{NDF}: 463.1/4$

Right Out: -275.853 ± 2.323 $\chi^2/\text{NDF}: 3361.7/18$

Left In: -252.734 ± 2.590 $\chi^2/\text{NDF}: 60.0/2$

Left: -249.954 ± 1.660 $\chi^2/\text{NDF}: 525.0/7$

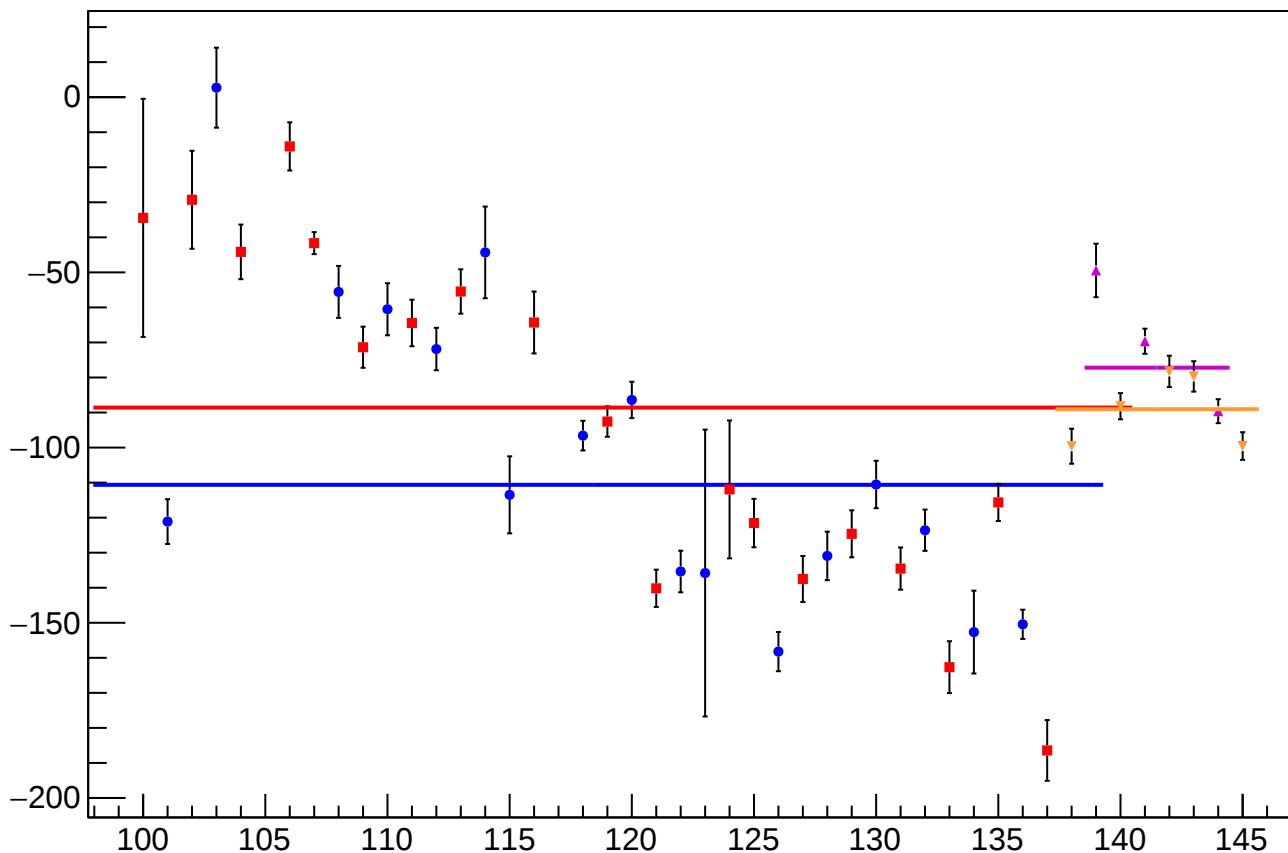
Right: -301.110 ± 1.723 $\chi^2/\text{NDF}: 4409.7/35$

In: -292.699 ± 1.823 $\chi^2/\text{NDF}: 1317.4/19$

Out: -260.942 ± 1.583 $\chi^2/\text{NDF}: 3901.6/23$

All: -274.592 ± 1.195 $\chi^2/\text{NDF}: 5391.9/43$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -89.056 ± 1.894 $\chi^2/\text{NDF}: 22.1/4$

Right Out: -88.586 ± 1.433 $\chi^2/\text{NDF}: 966.5/18$

Left In: -77.193 ± 2.351 $\chi^2/\text{NDF}: 30.9/2$

Left: -84.387 ± 1.475 $\chi^2/\text{NDF}: 68.4/7$

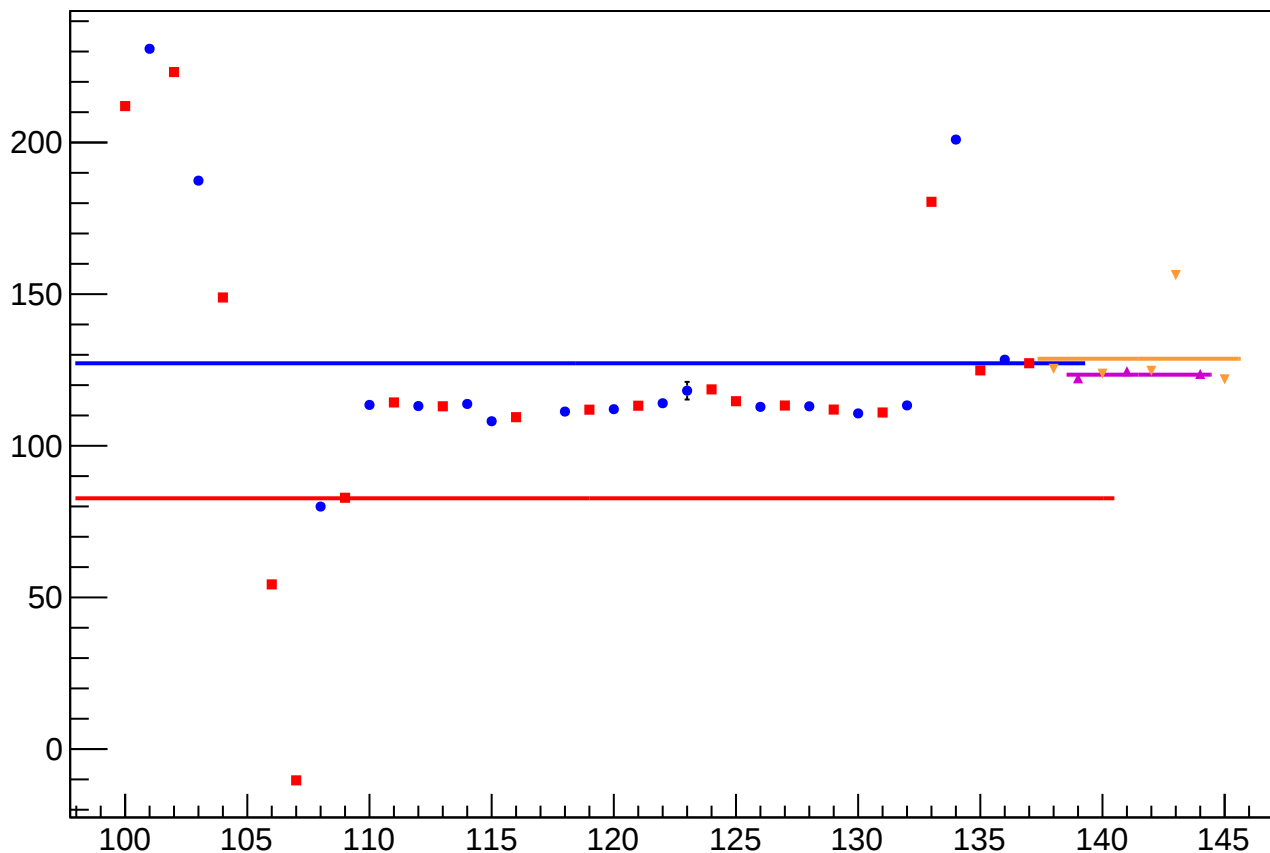
Right: -98.530 ± 1.062 $\chi^2/\text{NDF}: 1582.1/35$

In: -100.218 ± 1.312 $\chi^2/\text{NDF}: 679.0/19$

Out: -88.757 ± 1.143 $\chi^2/\text{NDF}: 988.6/23$

All: -93.702 ± 0.862 $\chi^2/\text{NDF}: 1711.1/43$

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: 128.708+/-0.088 χ^2/NDF : 17726.6/4

Right Out: 82.690+/-0.075 χ^2/NDF : 765706.3/18

Left In: 123.448+/-0.103 χ^2/NDF : 93.2/2

Left: 126.476+/-0.067 χ^2/NDF : 19328.6/7

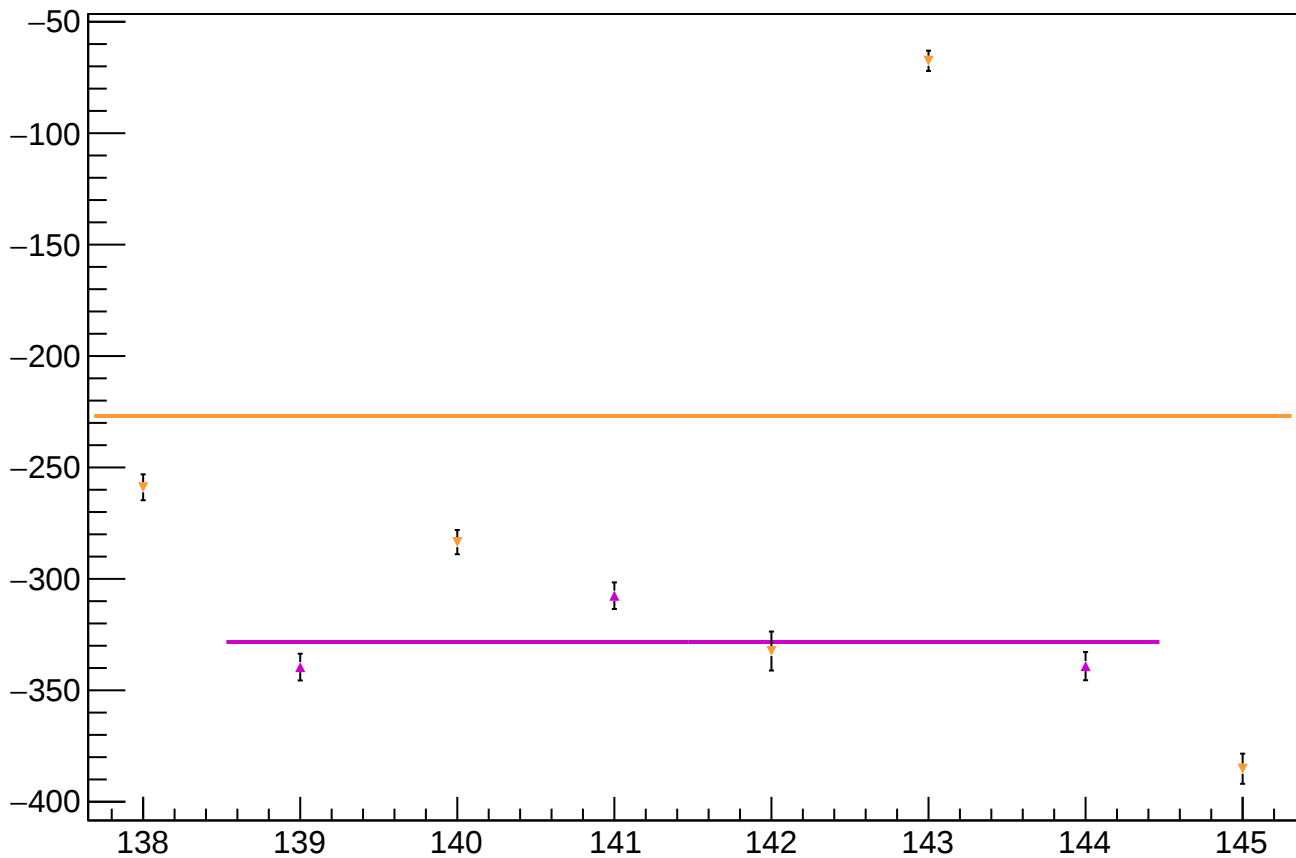
Right: 101.224+/-0.058 χ^2/NDF : 1099306.1/35

In: 125.591+/-0.067 χ^2/NDF : 188882.4/19

Out: 102.082+/-0.057 χ^2/NDF : 940892.1/23

All: 111.950+/-0.044 χ^2/NDF : 1200520.6/43

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -226.898+/-2.612 χ^2/NDF :2059.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -328.324+/-3.520 χ^2/NDF :18.5/2

Left: -262.912+/-2.097 χ^2/NDF : 2613.2/7

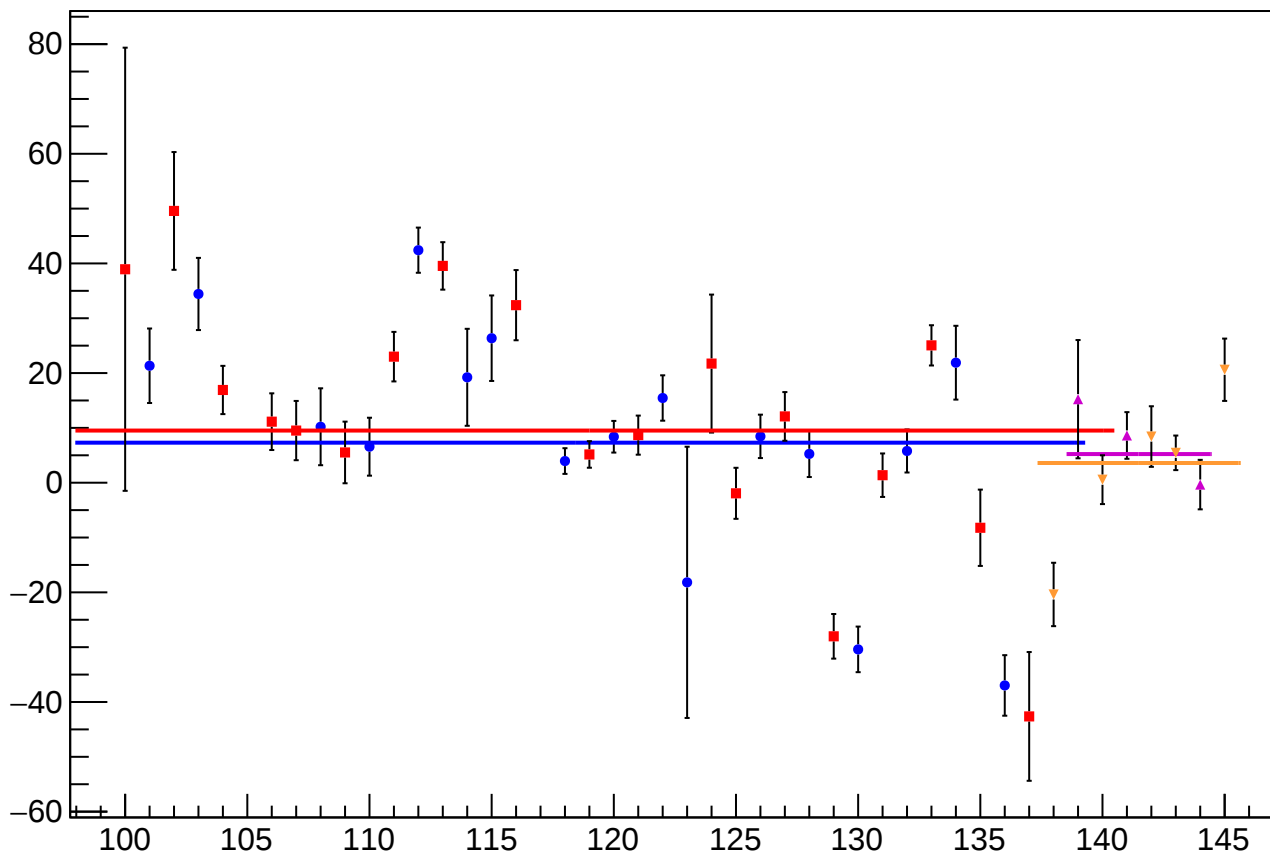
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -328.324+/-3.520 χ^2/NDF :18.5/2

Out: -226.898+/-2.612 χ^2/NDF :2059.1/4

All: -262.912+/-2.097 χ^2/NDF : 2613.2/7

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303+/-1.086 χ^2/NDF : 260.6/16

Left Out: 3.596+/-2.022 χ^2/NDF :27.7/4

Right Out: 9.513+/-1.073 χ^2/NDF : 231.7/18

Left In: 5.225+/-2.977 χ^2/NDF :3.0/2

Left: 4.111+/-1.672 χ^2/NDF : 31.0/7

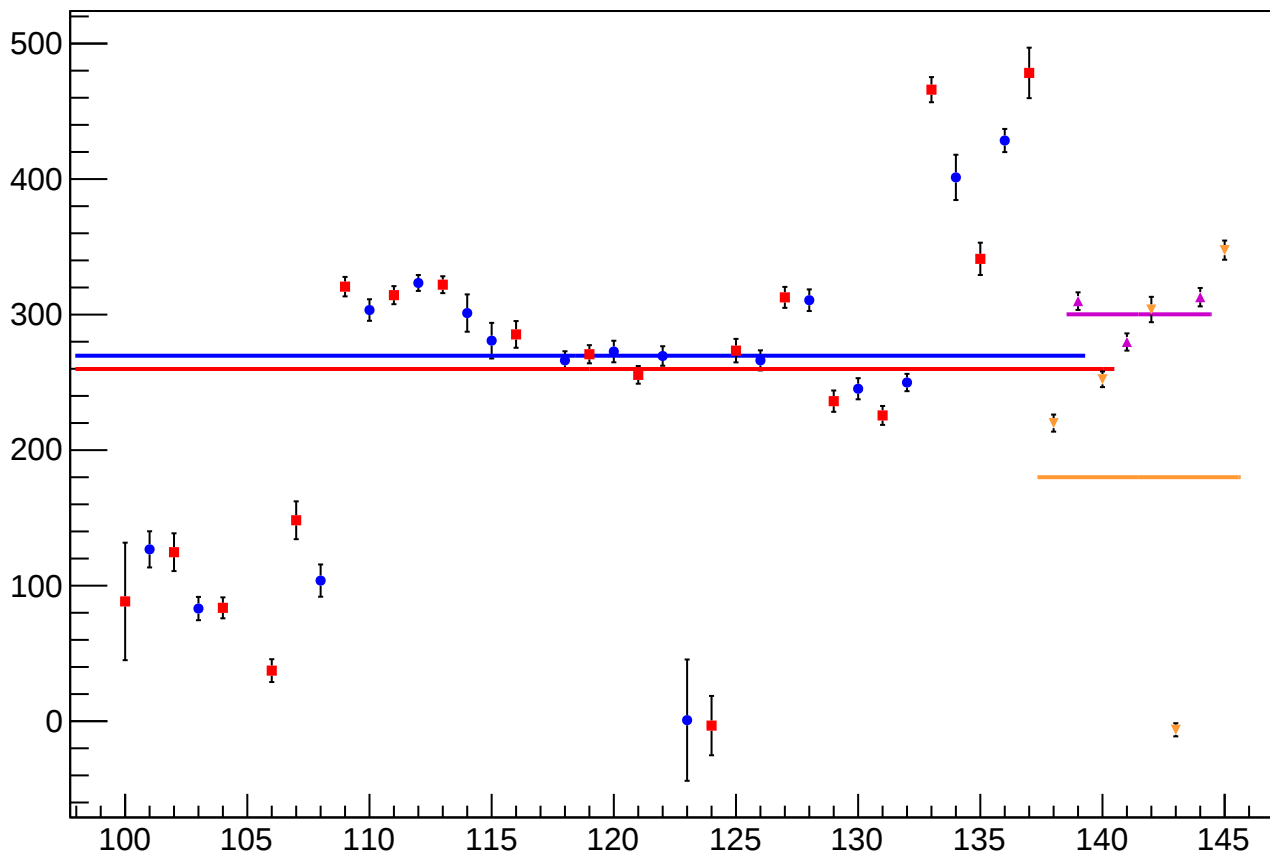
Right: 8.421+/-0.763 χ^2/NDF : 494.4/35

In: 7.059+/-1.020 χ^2/NDF :264.1/19

Out: 8.213+/-0.948 χ^2/NDF :266.1/23

All: 7.678+/-0.694 χ^2/NDF : 530.9/43

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 180.025 $\pm$ 2.786 χ^2 /NDF:2405.1/4

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 300.207 $\pm$ 3.773 χ^2 /NDF:16.1/2

Left: 222.443 $\pm$ 2.241 χ^2 /NDF: 3077.8/7

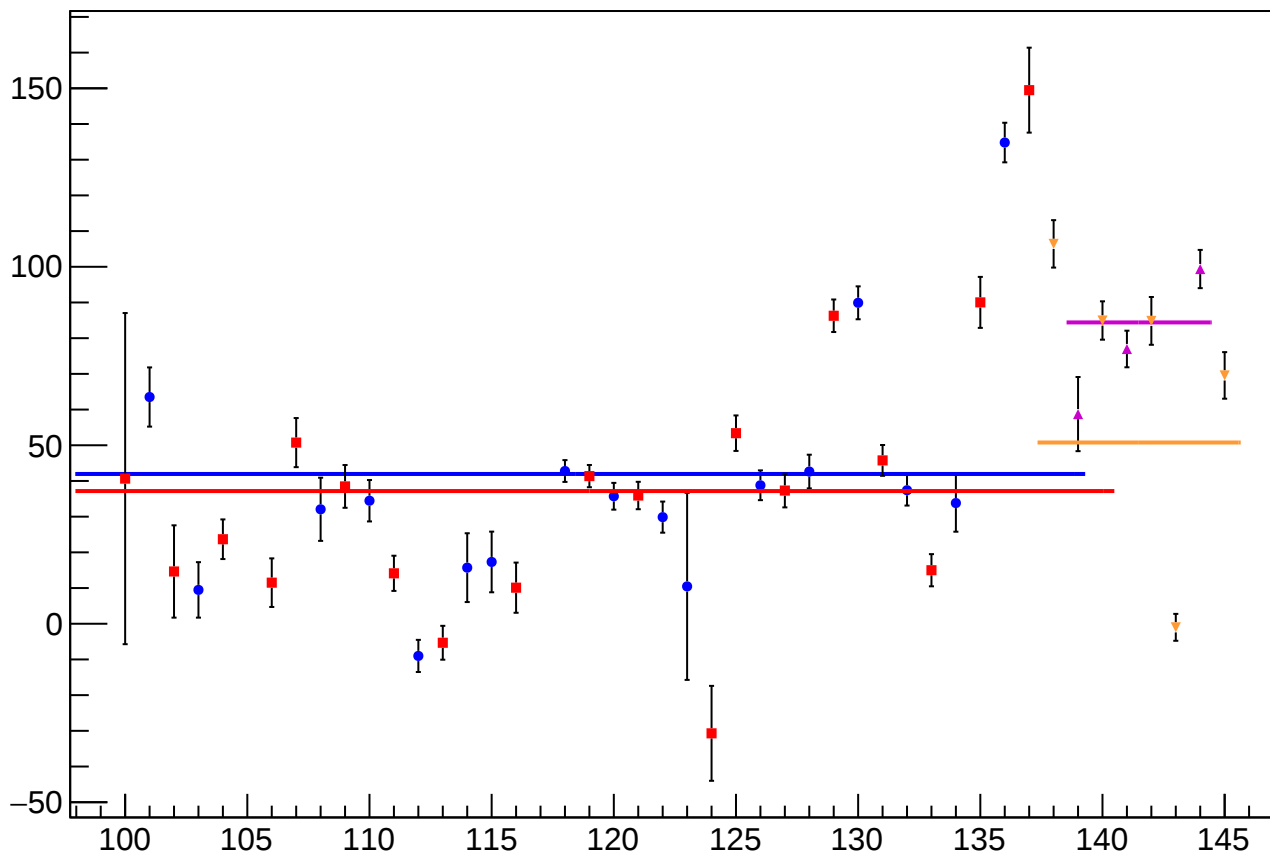
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 276.763 $\pm$ 1.819 χ^2 /NDF:1443.0/19

Out: 233.139 $\pm$ 1.612 χ^2 /NDF:5495.0/23

All: 252.333 $\pm$ 1.206 χ^2 /NDF: 7260.1/43

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 50.775 $\pm$ 2.401 χ^2 /NDF:333.5/4

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 84.413 $\pm$ 3.488 χ^2 /NDF:16.0/2

Left: 61.589 $\pm$ 1.978 χ^2 /NDF: 412.7/7

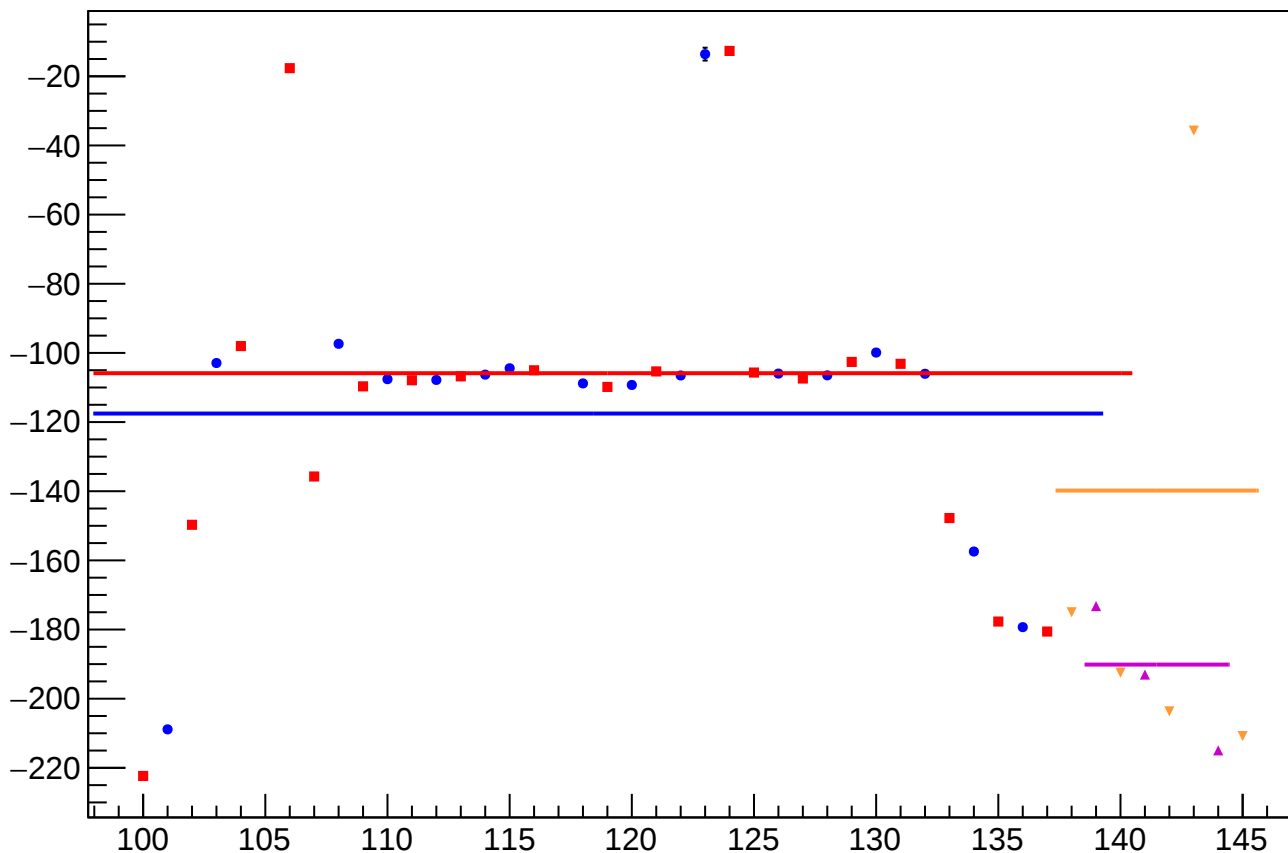
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 46.848 $\pm$ 1.184 χ^2 /NDF:721.4/19

Out: 40.022 $\pm$ 1.099 χ^2 /NDF:829.8/23

All: 43.181 $\pm$ 0.805 χ^2 /NDF: 1569.0/43

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -139.809 ± 0.113 $\chi^2/\text{NDF}: 441484.0/4$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -190.136 ± 0.148 $\chi^2/\text{NDF}: 12595.8/2$

Left: -158.424 ± 0.090 $\chi^2/\text{NDF}: 526882.8/7$

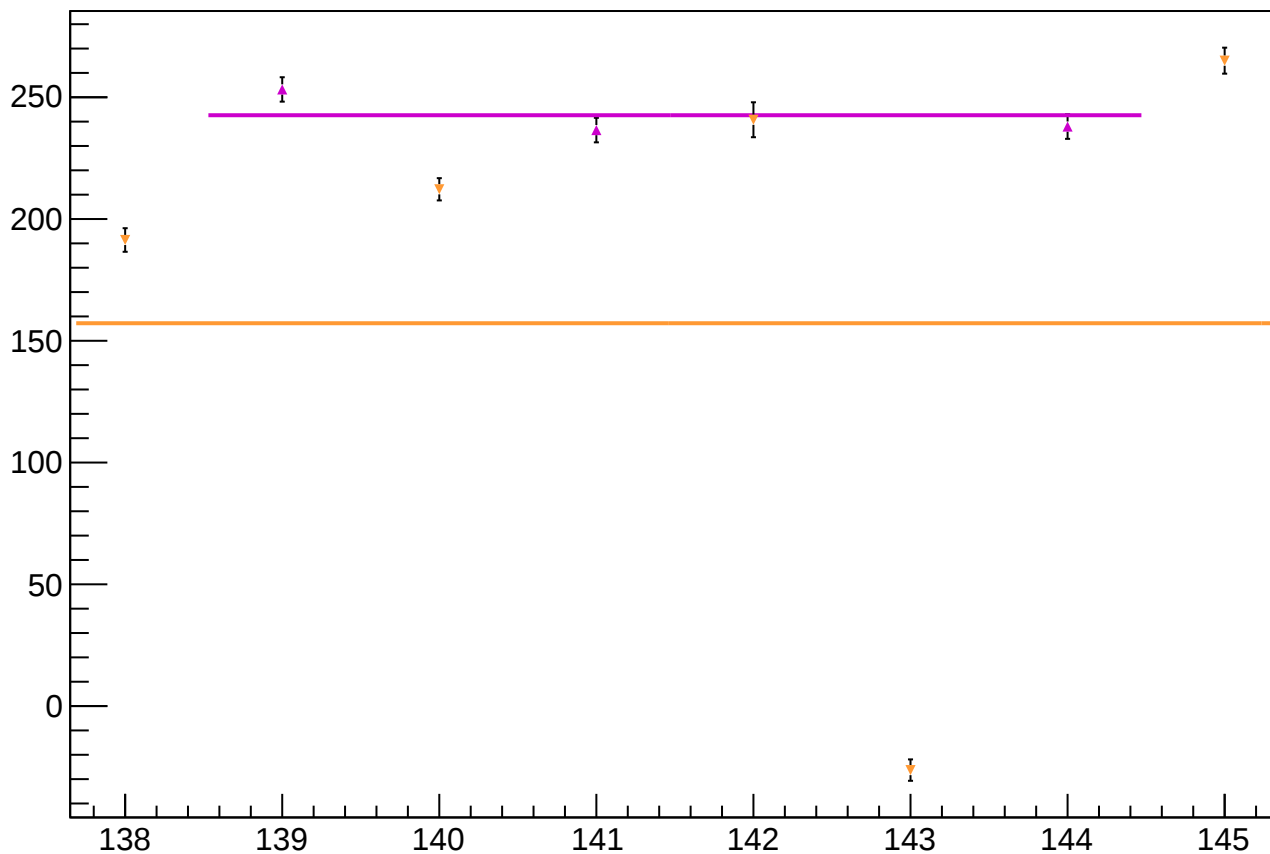
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -133.345 ± 0.069 $\chi^2/\text{NDF}: 342720.1/19$

Out: -115.764 ± 0.061 $\chi^2/\text{NDF}: 829220.9/23$

All: -123.500 ± 0.046 $\chi^2/\text{NDF}: 1208193.1/43$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 157.209+/-2.254 χ^2/NDF :2481.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 242.623+/-2.907 χ^2/NDF :6.8/2

Left: 189.278+/-1.781 χ^2/NDF : 3027.4/7

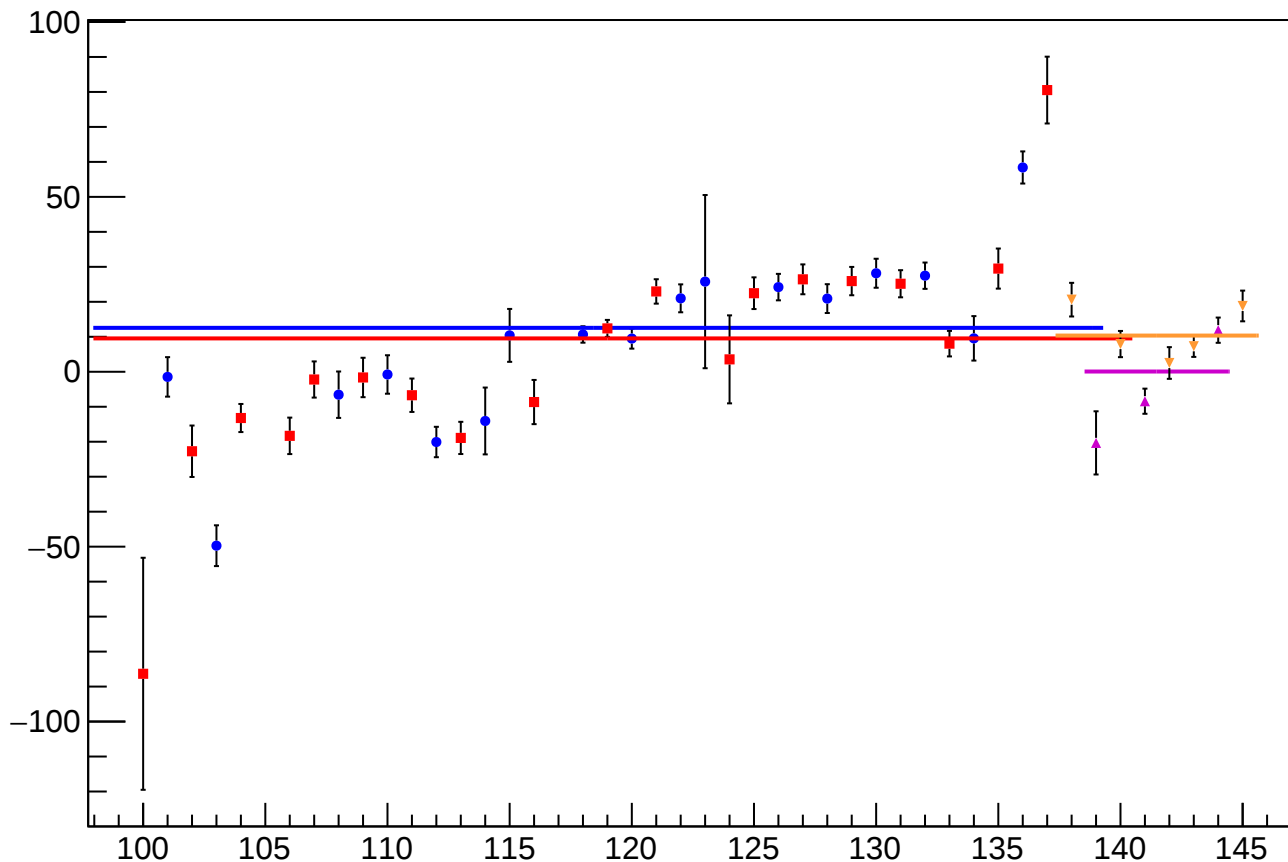
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.623+/-2.907 χ^2/NDF :6.8/2

Out: 157.209+/-2.254 χ^2/NDF :2481.6/4

All: 189.278+/-1.781 χ^2/NDF : 3027.4/7

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 χ^2/NDF : 348.6/16

Left Out: 10.349 ± 1.760 χ^2/NDF : 12.7/4

Right Out: 9.535 ± 1.049 χ^2/NDF : 295.8/18

Left In: 0.071 ± 2.450 χ^2/NDF : 21.4/2

Left: 6.850 ± 1.430 χ^2/NDF : 45.7/7

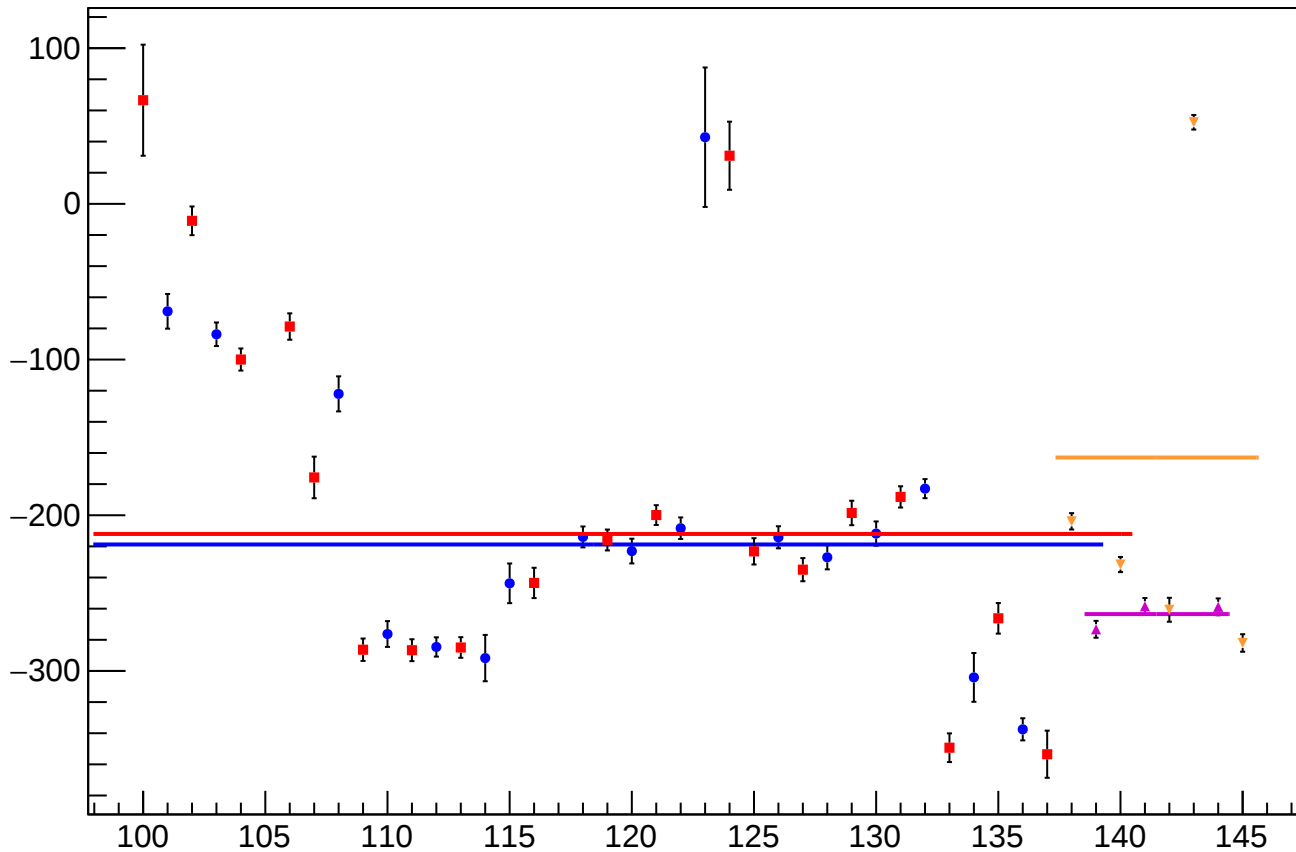
Right: 11.035 ± 0.745 χ^2/NDF : 648.5/35

In: 10.598 ± 0.971 χ^2/NDF : 391.9/19

Out: 9.749 ± 0.901 χ^2/NDF : 308.7/23

All: 10.142 ± 0.660 χ^2/NDF : 701.0/43

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770+/-2.010 χ^2/NDF : 1144.4/16

Left Out: -162.920+/-2.408 χ^2/NDF : 2978.7/4

Right Out: -212.004+/-1.923 χ^2/NDF : 1885.7/18

Left In: -263.477+/-3.117 χ^2/NDF : 4.8/2

Left: -200.513+/-1.906 χ^2/NDF : 3635.4/7

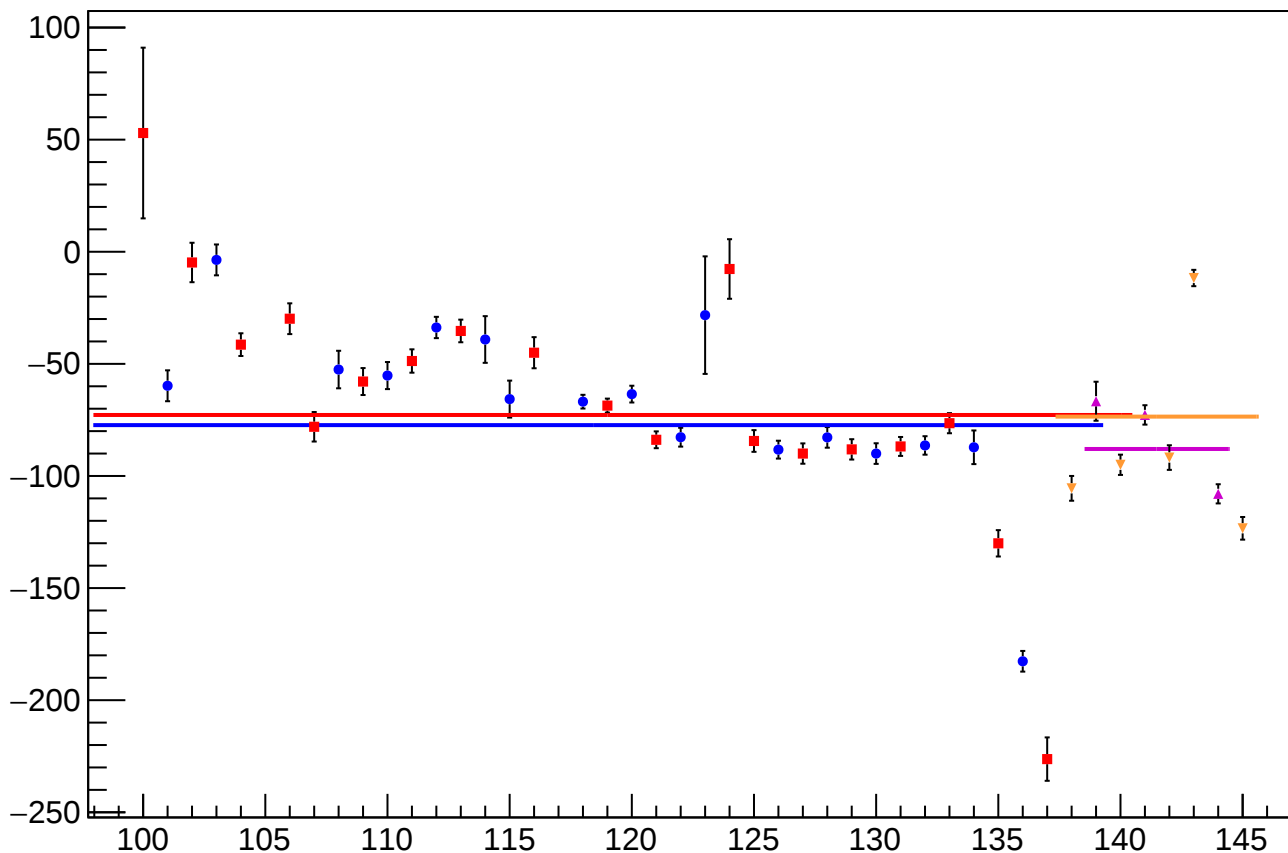
Right: -215.238+/-1.390 χ^2/NDF : 3036.0/35

In: -231.904+/-1.689 χ^2/NDF : 1294.6/19

Out: -192.887+/-1.503 χ^2/NDF : 5118.0/23

All: -210.125+/-1.123 χ^2/NDF : 6710.3/43

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -73.527 ± 2.088 χ^2/NDF : 452.5/4

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -87.960 ± 2.871 χ^2/NDF : 40.2/2

Left: -78.520 ± 1.688 χ^2/NDF : 509.3/7

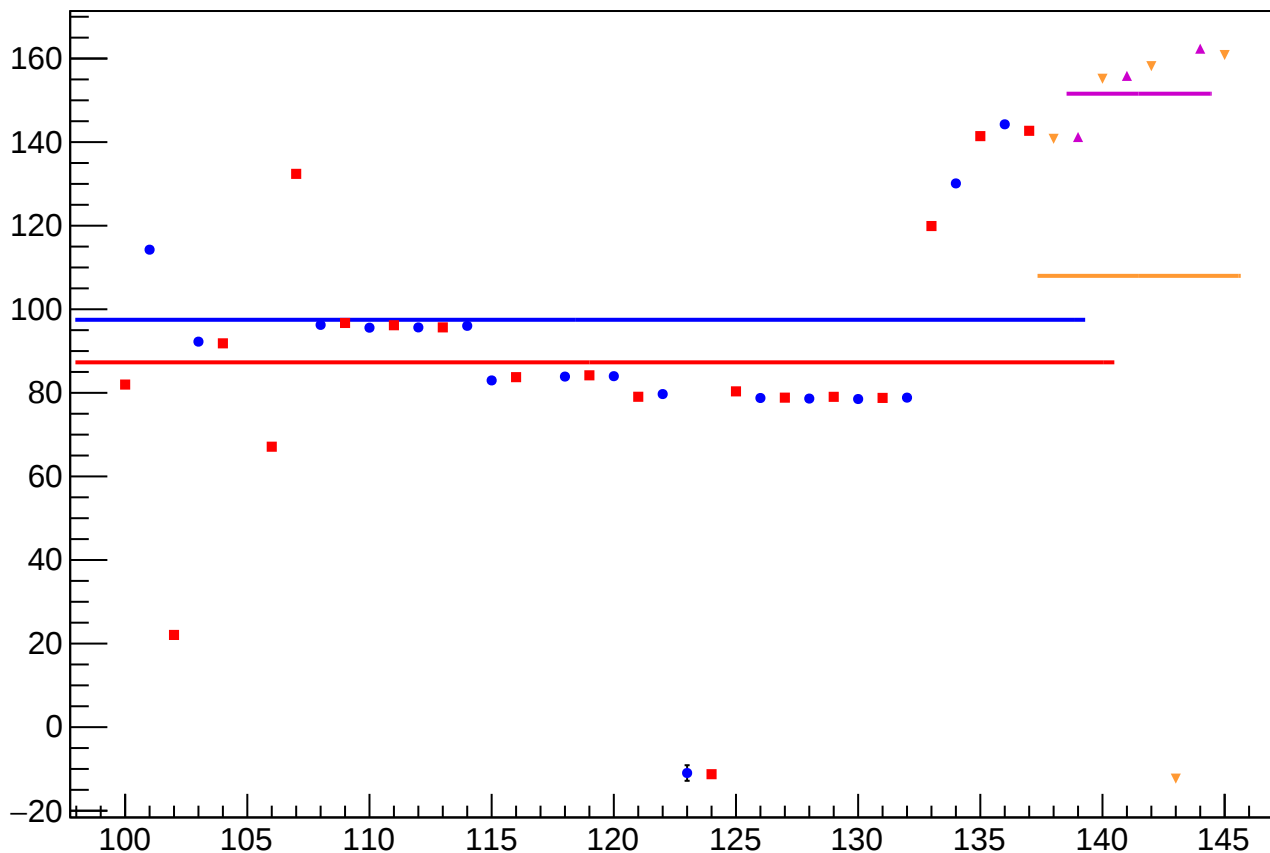
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -78.951 ± 1.124 χ^2/NDF : 869.5/19

Out: -72.979 ± 1.045 χ^2/NDF : 1124.4/23

All: -75.747 ± 0.765 χ^2/NDF : 2009.0/43

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 107.996+/-0.098 χ^2/NDF : 565645.2/4

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 151.584+/-0.123 χ^2/NDF : 5406.3/2

Left: 124.982+/-0.077 χ^2/NDF : 648156.3/7

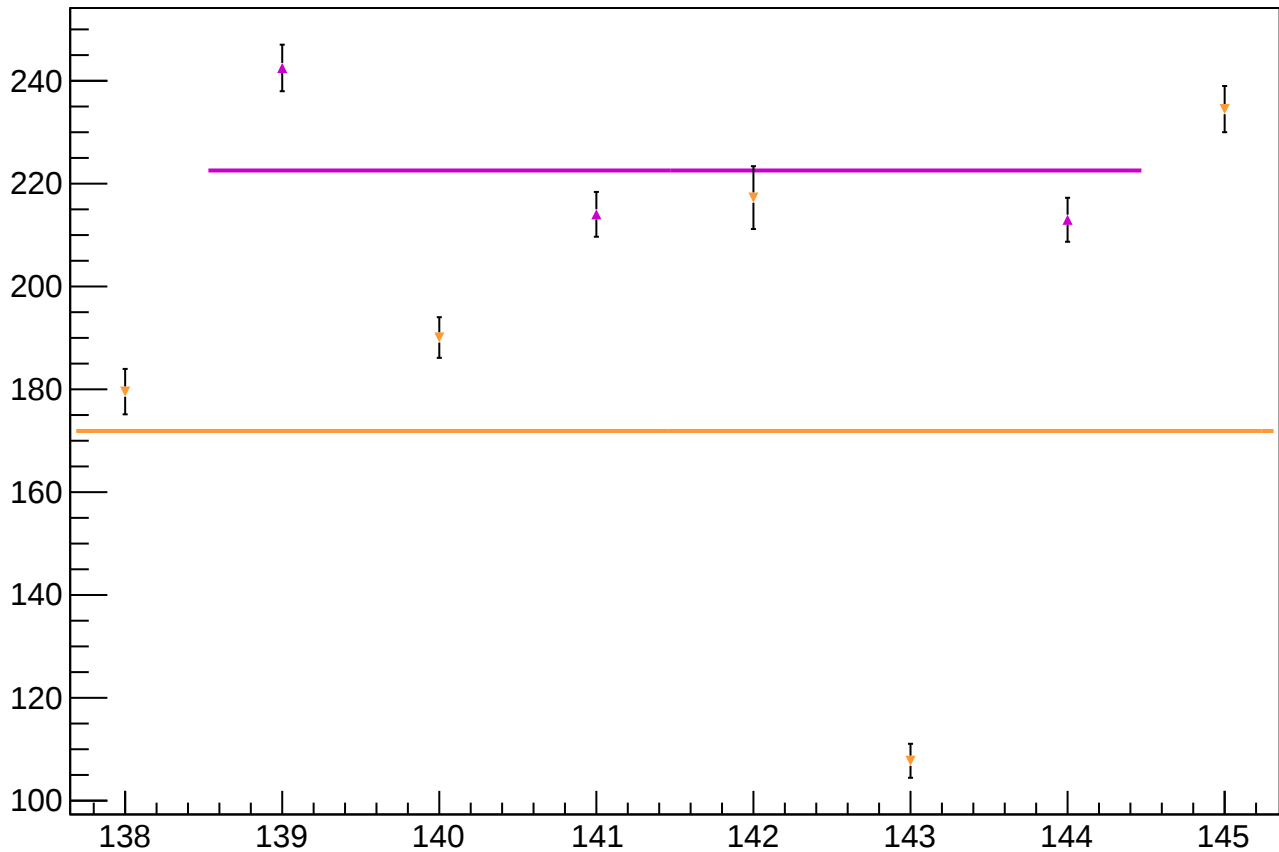
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 111.743+/-0.063 χ^2/NDF : 243130.7/19

Out: 94.055+/-0.056 χ^2/NDF : 817575.1/23

All: 101.866+/-0.042 χ^2/NDF : 1104778.7/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 171.899+/-1.880 χ^2 /NDF:649.7/4

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 222.561+/-2.531 χ^2 /NDF:28.3/2

Left: 189.913+/-1.509 χ^2 /NDF: 936.2/7

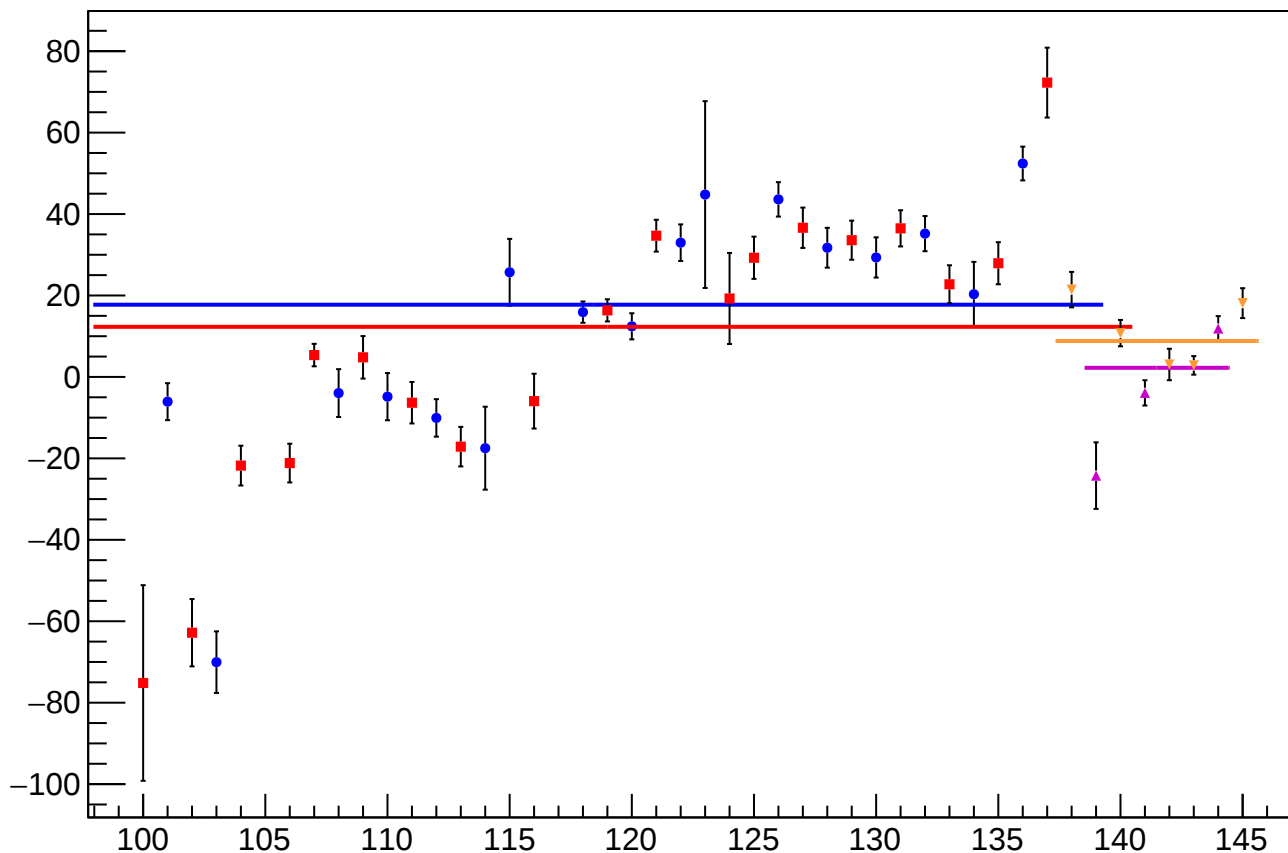
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 222.561+/-2.531 χ^2 /NDF:28.3/2

Out: 171.899+/-1.880 χ^2 /NDF:649.7/4

All: 189.913+/-1.509 χ^2 /NDF: 936.2/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 8.824 $\pm$ 1.440 χ^2 /NDF: 24.3/4

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: 2.243 $\pm$ 2.103 χ^2 /NDF: 24.4/2

Left: 6.724 $\pm$ 1.188 χ^2 /NDF: 55.4/7

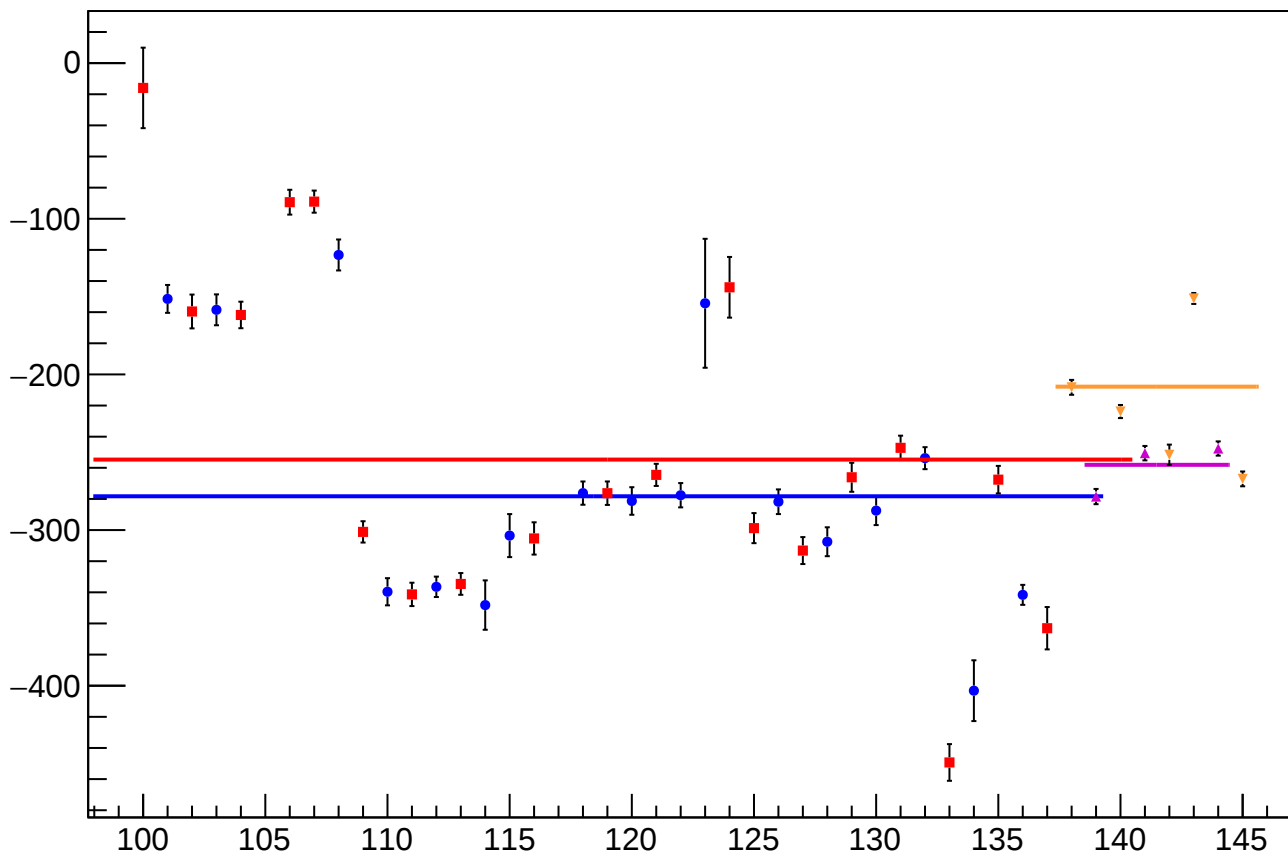
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 14.178 $\pm$ 1.008 χ^2 /NDF: 460.2/19

Out: 11.046 $\pm$ 0.866 χ^2 /NDF: 470.5/23

All: 12.376 $\pm$ 0.657 χ^2 /NDF: 936.3/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -207.866 ± 2.008 $\chi^2/\text{NDF}: 472.5/4$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -258.086 ± 2.712 $\chi^2/\text{NDF}: 25.2/2$

Left: -225.650 ± 1.614 $\chi^2/\text{NDF}: 719.1/7$

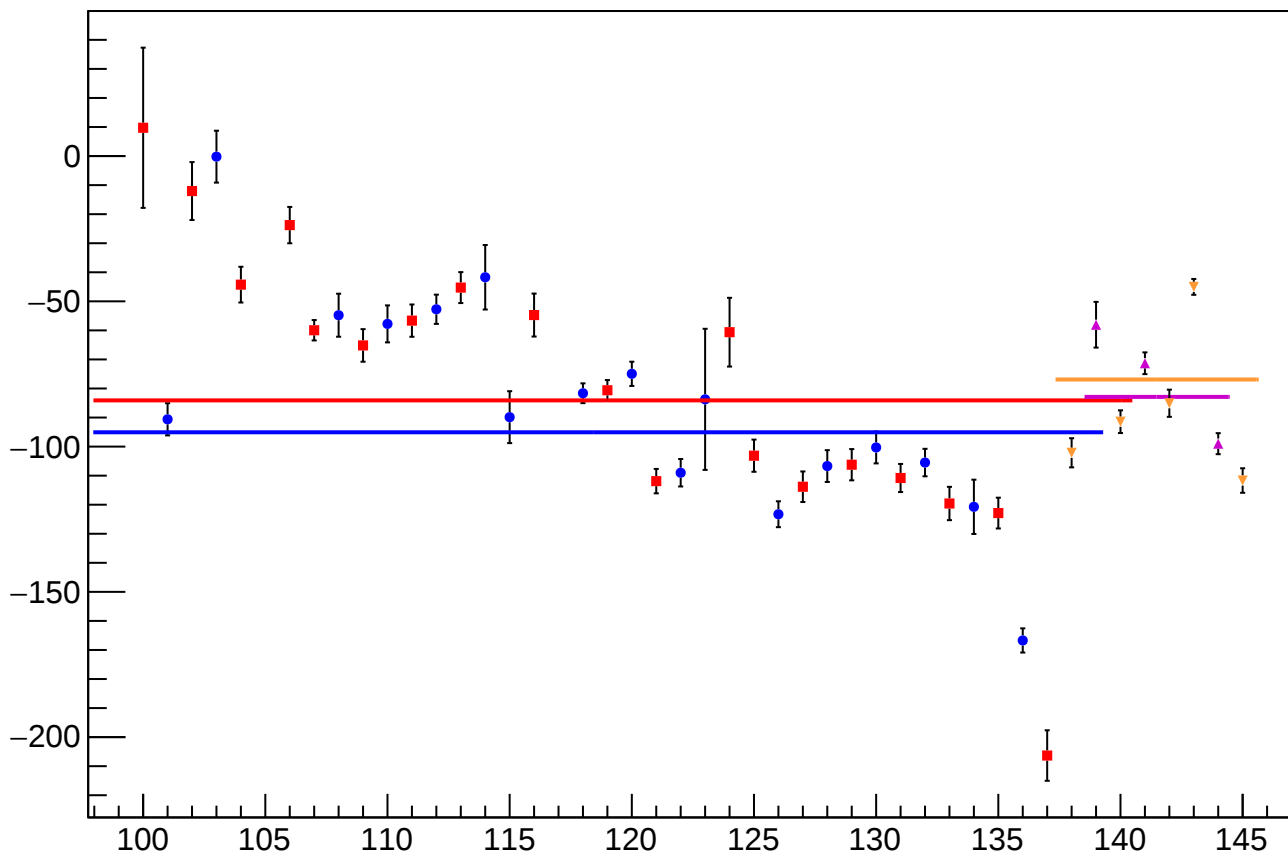
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -270.397 ± 1.695 $\chi^2/\text{NDF}: 969.0/19$

Out: -231.167 ± 1.424 $\chi^2/\text{NDF}: 2781.2/23$

All: -247.390 ± 1.090 $\chi^2/\text{NDF}: 4064.1/43$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -76.906 ± 1.712 $\chi^2/\text{NDF}: 246.4/4$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -82.891 ± 2.469 $\chi^2/\text{NDF}: 39.4/2$

Left: -78.849 ± 1.407 $\chi^2/\text{NDF}: 289.7/7$

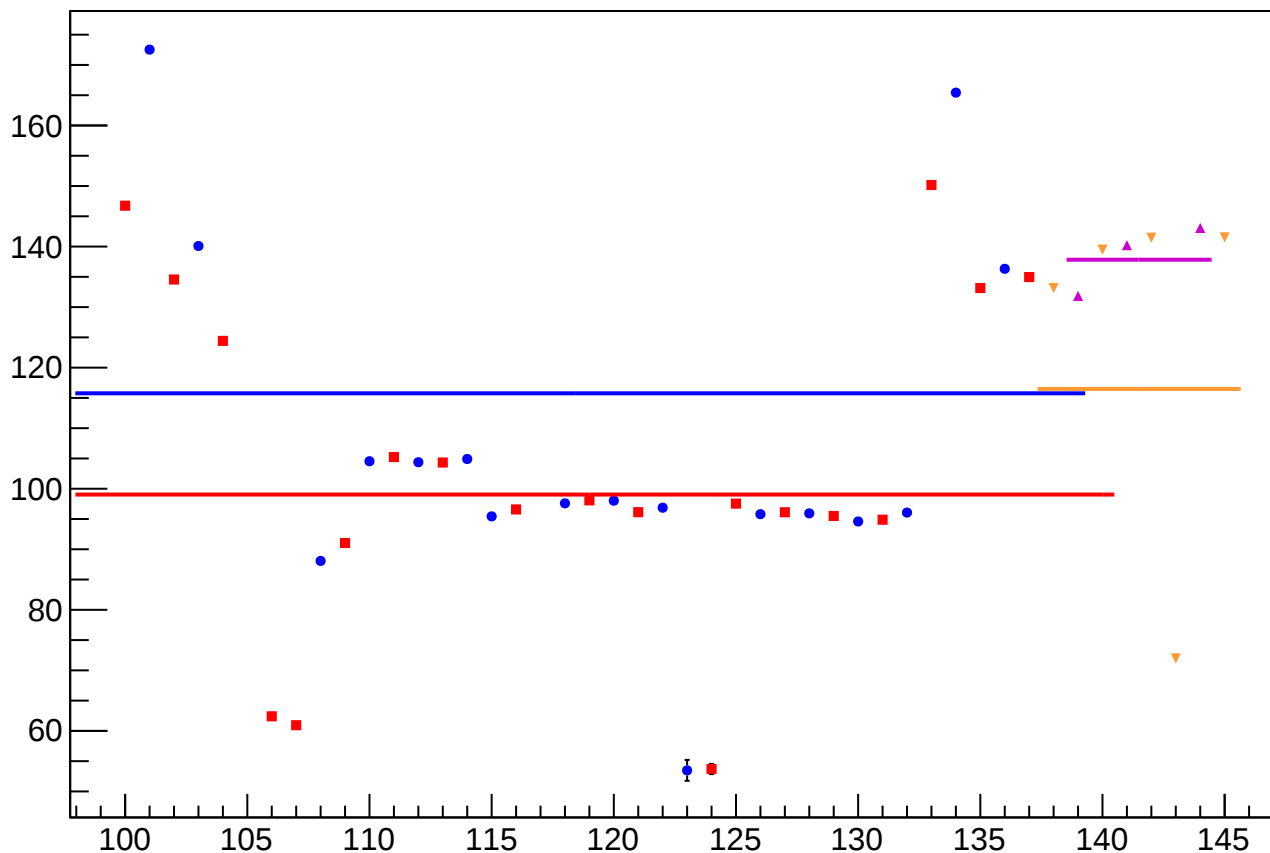
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -92.348 ± 1.168 $\chi^2/\text{NDF}: 731.5/19$

Out: -81.576 ± 1.013 $\chi^2/\text{NDF}: 1038.3/23$

All: -86.202 ± 0.765 $\chi^2/\text{NDF}: 1818.3/43$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2/NDF : 106297.4/16

Left Out: 116.484 $\pm$ 0.082 χ^2/NDF :148608.2/4

Right Out: 99.037 $\pm$ 0.068 χ^2/NDF : 173477.1/18

Left In: 137.827 $\pm$ 0.107 χ^2/NDF :2048.0/2

Left: 124.317 $\pm$ 0.065 χ^2/NDF : 175692.4/7

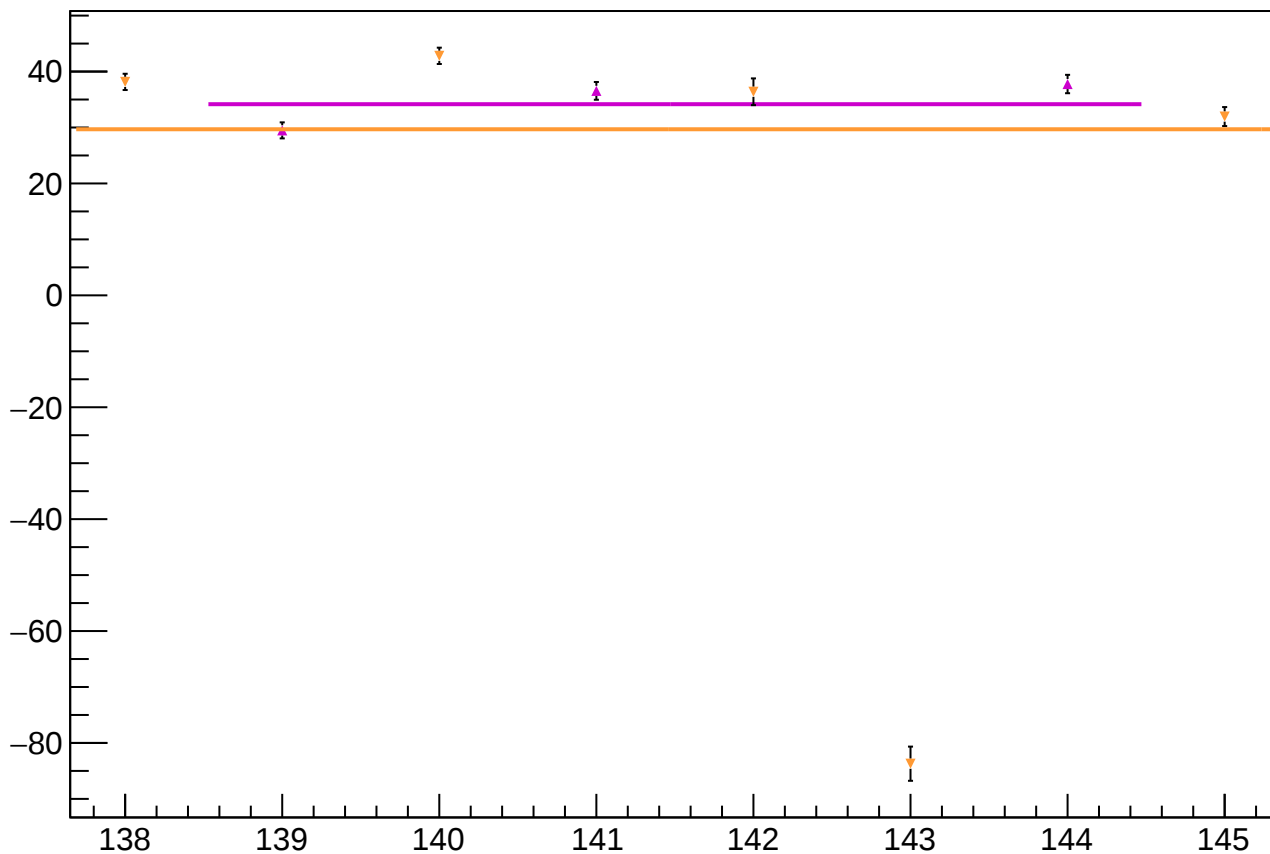
Right: 106.308 $\pm$ 0.051 χ^2/NDF : 305708.8/35

In: 123.400 $\pm$ 0.063 χ^2/NDF :135983.8/19

Out: 106.235 $\pm$ 0.052 χ^2/NDF :348866.7/23

All: 113.249 $\pm$ 0.040 χ^2/NDF : 528558.8/43

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 29.685+/-0.797 χ^2/NDF :1501.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 34.165+/-0.893 χ^2/NDF :17.7/2

Left: 31.673+/-0.595 χ^2/NDF : 1533.5/7

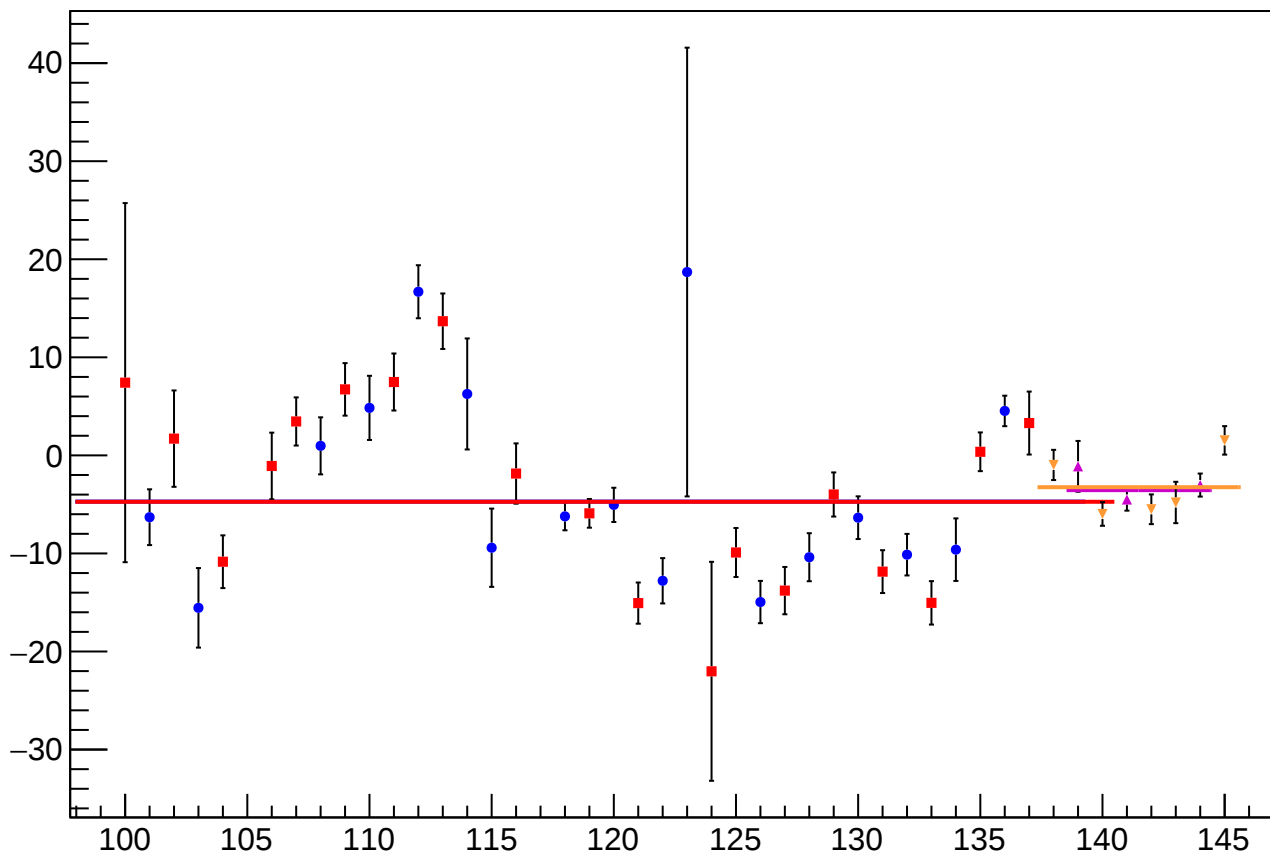
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.165+/-0.893 χ^2/NDF :17.7/2

Out: 29.685+/-0.797 χ^2/NDF :1501.7/4

All: 31.673+/-0.595 χ^2/NDF : 1533.5/7

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -3.244 ± 0.667 χ^2/NDF : 20.9/4

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -3.545 ± 0.779 χ^2/NDF : 1.8/2

Left: -3.372 ± 0.507 χ^2/NDF : 22.7/7

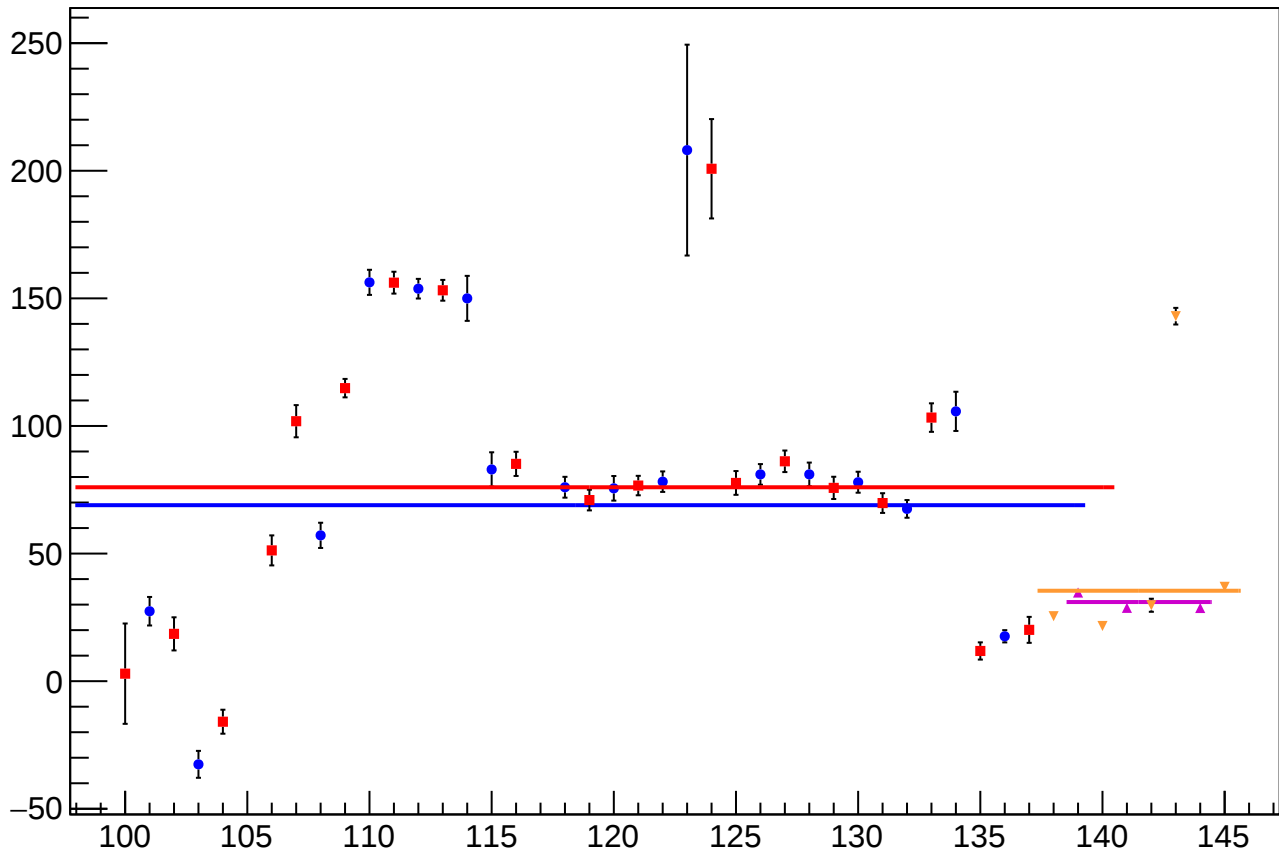
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -4.296 ± 0.466 χ^2/NDF : 177.9/19

Out: -4.086 ± 0.440 χ^2/NDF : 213.4/23

All: -4.185 ± 0.320 χ^2/NDF : 391.4/43

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 35.438 $\pm$ 0.850 χ^2 /NDF:1214.4/4

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 31.008 $\pm$ 0.957 χ^2 /NDF:9.4/2

Left: 33.484 $\pm$ 0.636 χ^2 /NDF: 1235.7/7

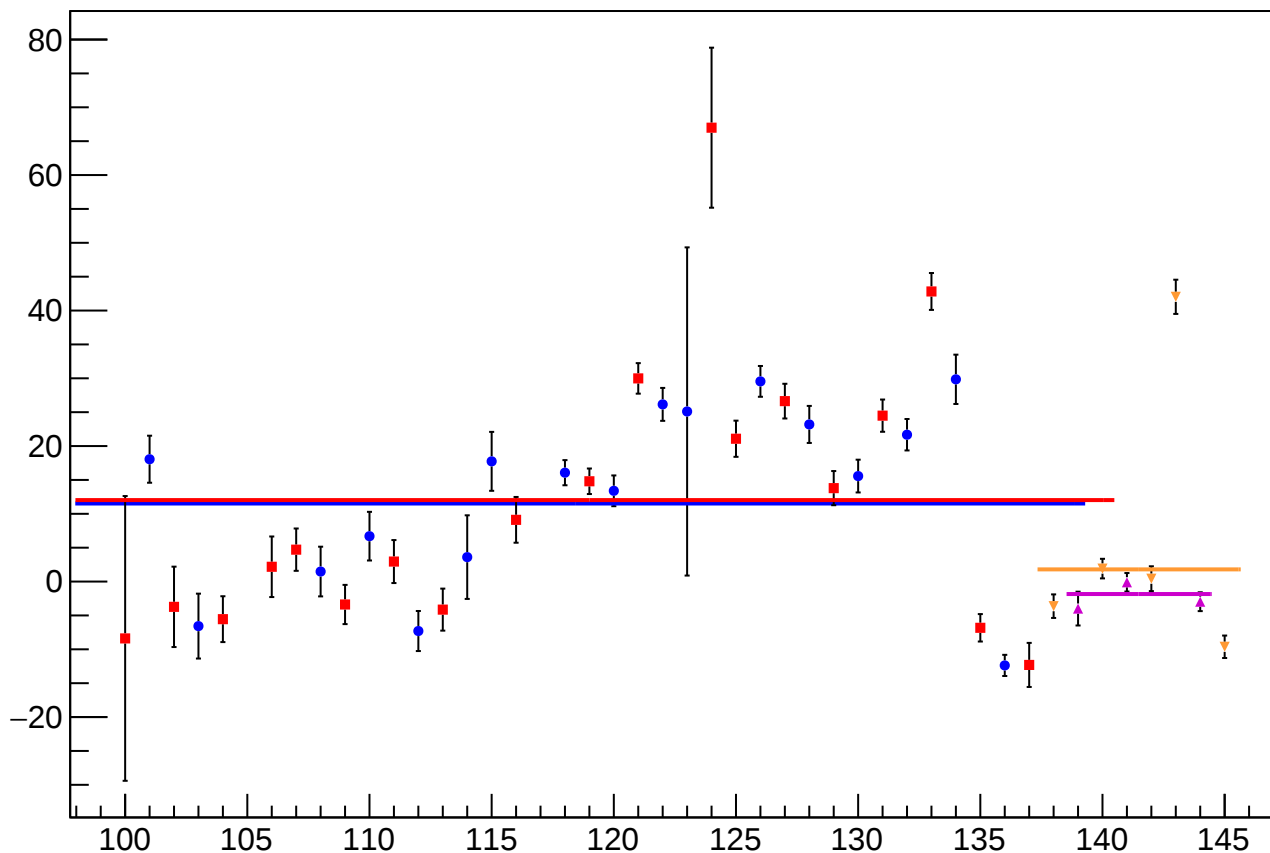
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 47.726 $\pm$ 0.716 χ^2 /NDF:2545.7/19

Out: 51.146 $\pm$ 0.666 χ^2 /NDF:3989.7/23

All: 49.561 $\pm$ 0.488 χ^2 /NDF: 6547.6/43

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 χ^2/NDF : 477.2/16

Left Out: 1.798 ± 0.784 χ^2/NDF : 311.7/4

Right Out: 12.026 ± 0.664 χ^2/NDF : 539.7/18

Left In: -1.840 ± 0.907 χ^2/NDF : 3.0/2

Left: 0.243 ± 0.593 χ^2/NDF : 323.9/7

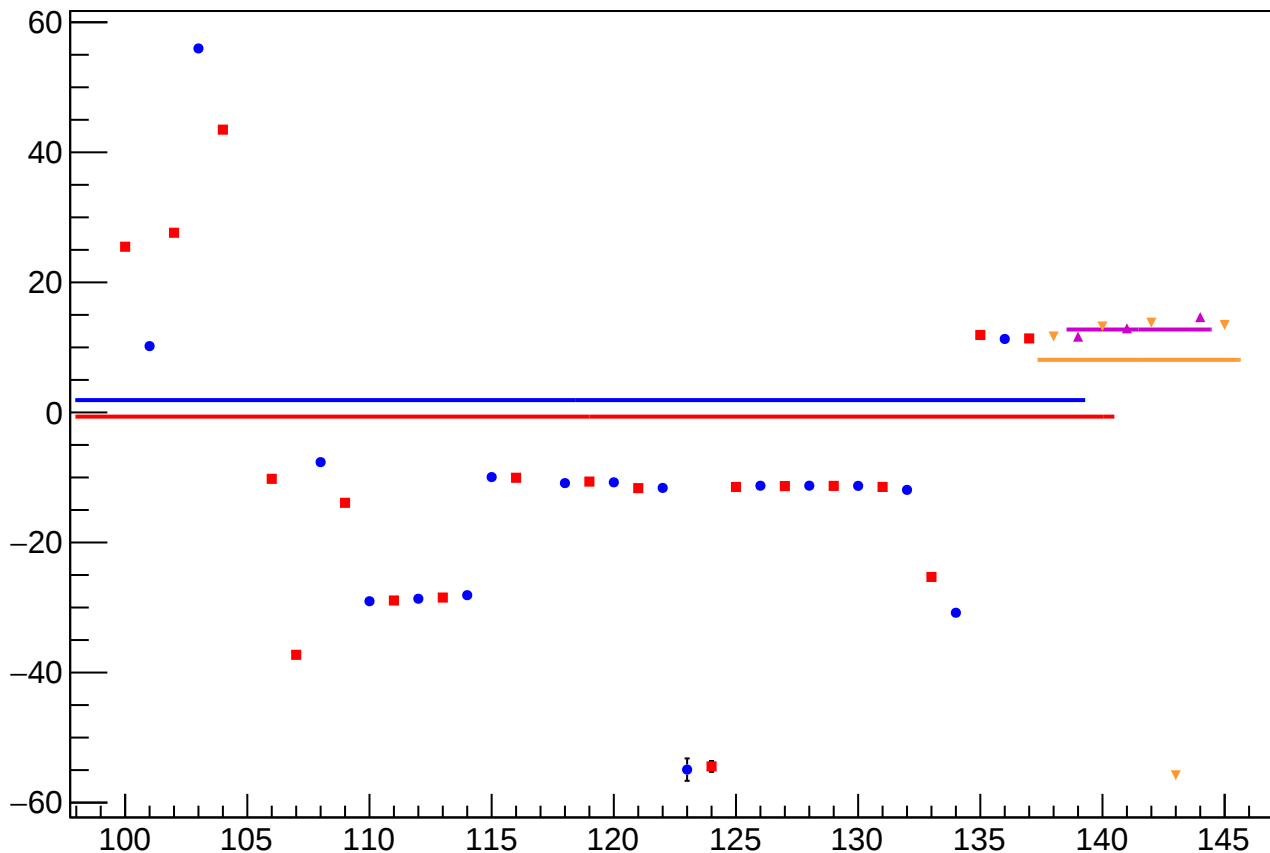
Right: 11.772 ± 0.468 χ^2/NDF : 1017.2/35

In: 6.898 ± 0.534 χ^2/NDF : 622.1/19

Out: 7.749 ± 0.507 χ^2/NDF : 950.5/23

All: 7.346 ± 0.367 χ^2/NDF : 1573.9/43

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 8.091+/-0.034 χ^2/NDF :255953.5/4

Right Out: -0.644+/-0.037 χ^2/NDF : 361626.2/18

Left In: 12.750+/-0.037 χ^2/NDF :1028.0/2

Left: 10.234+/-0.025 χ^2/NDF : 265416.3/7

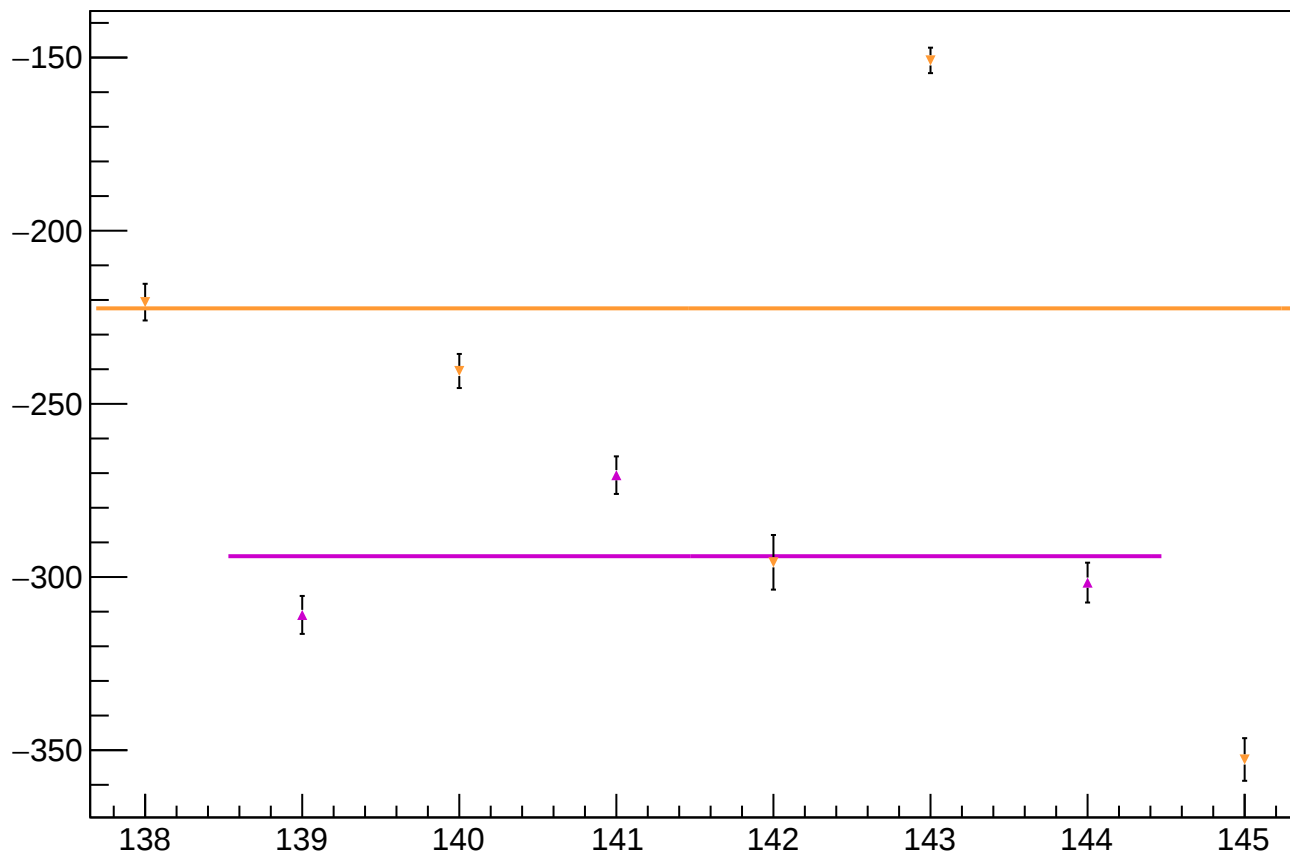
Right: 0.626+/-0.026 χ^2/NDF : 722831.9/35

In: 7.289+/-0.026 χ^2/NDF :402540.8/19

Out: 4.046+/-0.025 χ^2/NDF :647418.8/23

All: 5.600+/-0.018 χ^2/NDF : 1057891.3/43

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -222.422+/-2.274 χ^2/NDF : 927.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -293.987+/-3.203 χ^2/NDF : 29.9/2

Left: -246.403+/-1.854 χ^2/NDF : 1289.0/7

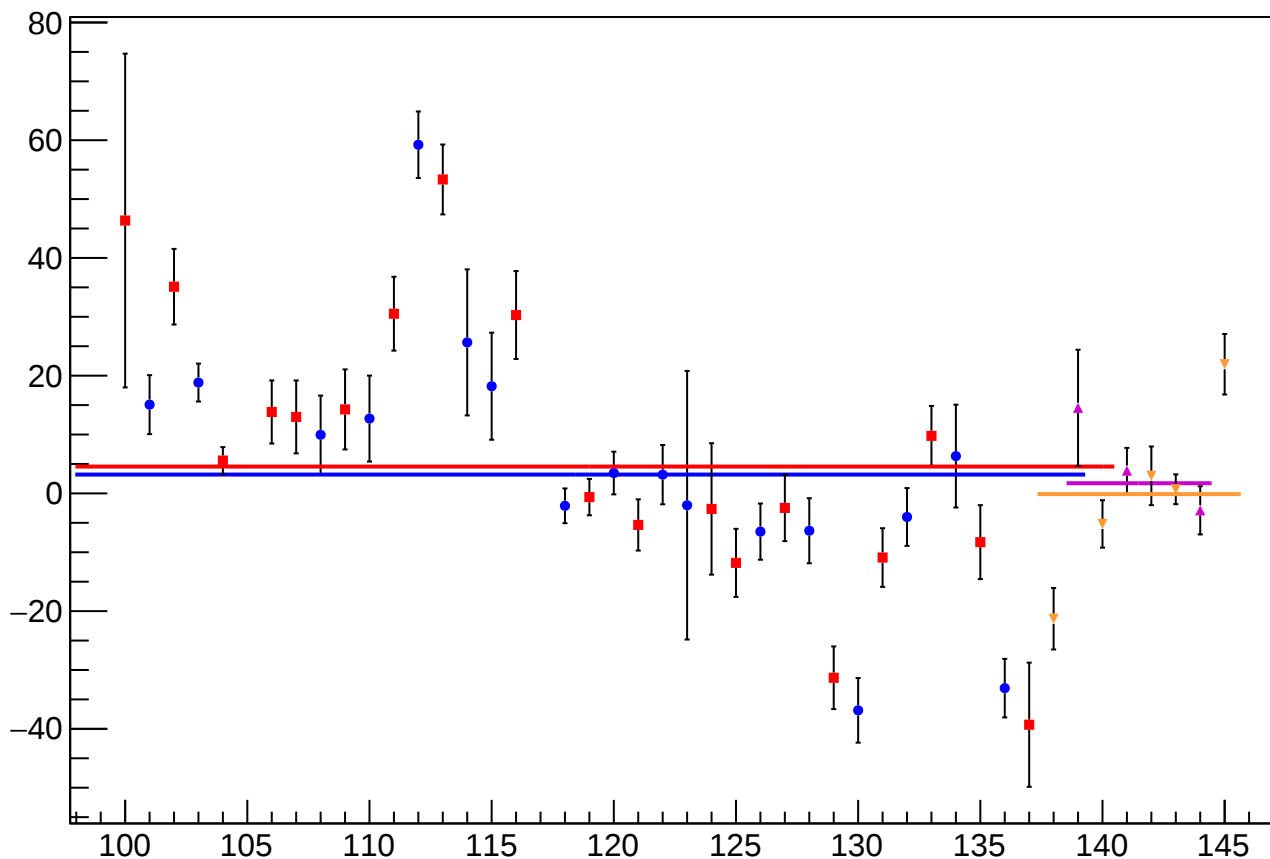
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -293.987+/-3.203 χ^2/NDF : 29.9/2

Out: -222.422+/-2.274 χ^2/NDF : 927.1/4

All: -246.403+/-1.854 χ^2/NDF : 1289.0/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2 /NDF: 255.2/16

Left Out: -0.123 $\pm$ 1.734 χ^2 /NDF:36.9/4

Right Out: 4.558 $\pm$ 1.158 χ^2 /NDF: 223.9/18

Left In: 1.725 $\pm$ 2.702 χ^2 /NDF:3.3/2

Left: 0.416 $\pm$ 1.460 χ^2 /NDF: 40.5/7

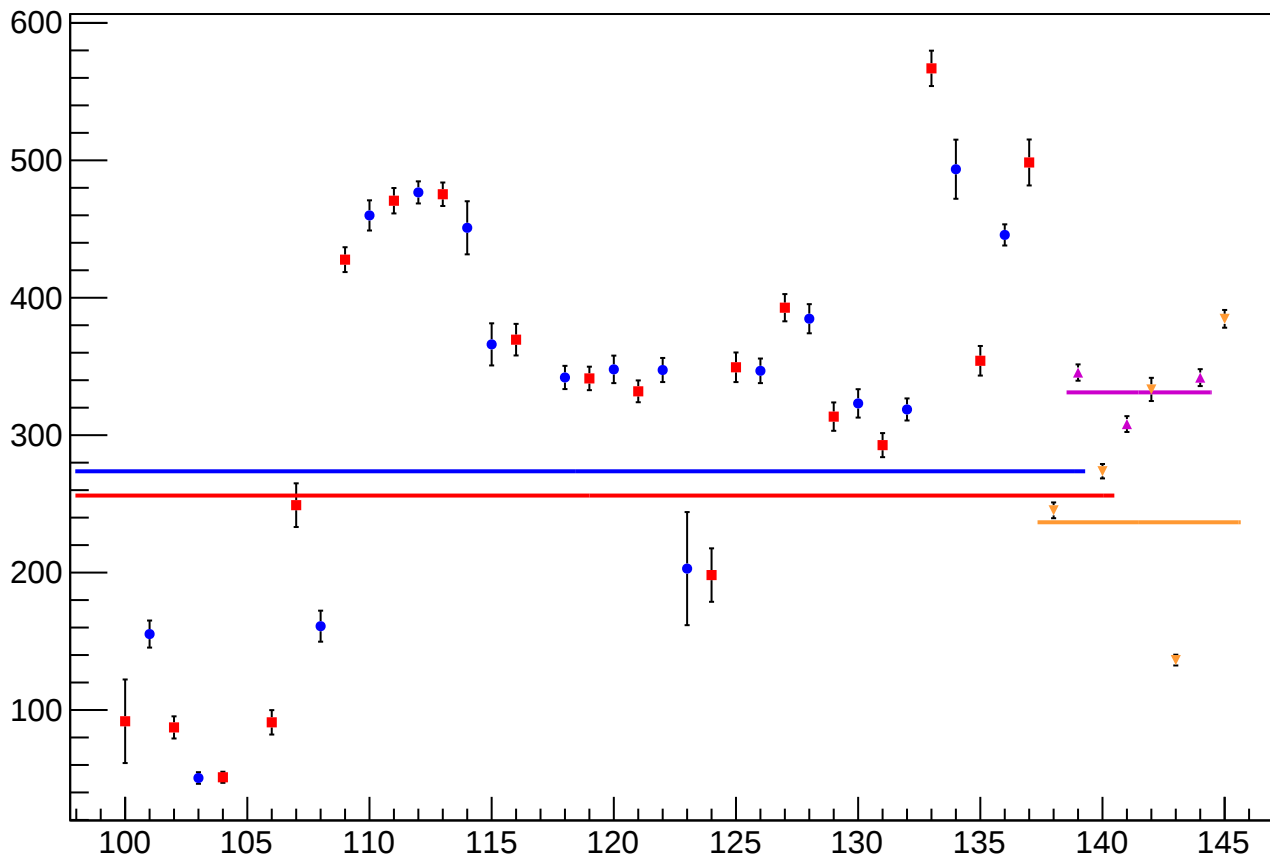
Right: 3.919 $\pm$ 0.842 χ^2 /NDF: 479.7/35

In: 2.948 $\pm$ 1.117 χ^2 /NDF:258.7/19

Out: 3.115 $\pm$ 0.963 χ^2 /NDF:265.9/23

All: 3.044 $\pm$ 0.729 χ^2 /NDF: 524.6/43

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 236.609 $\pm$ 2.426 χ^2 /NDF:1363.9/4

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 331.138 $\pm$ 3.433 χ^2 /NDF:24.9/2

Left: 268.098 $\pm$ 1.981 χ^2 /NDF: 1894.5/7

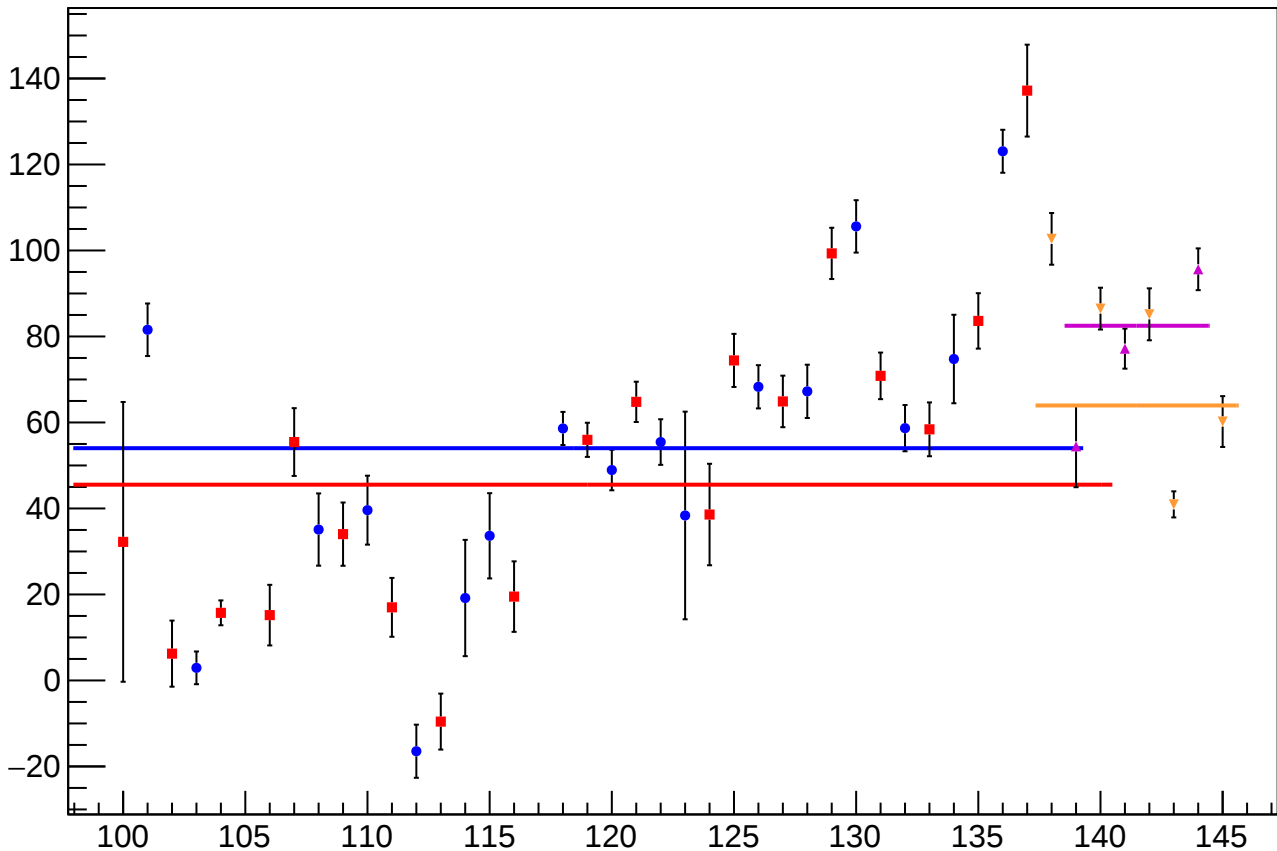
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 290.376 $\pm$ 1.849 χ^2 /NDF:5326.9/19

Out: 247.823 $\pm$ 1.579 χ^2 /NDF:7842.0/23

All: 265.763 $\pm$ 1.201 χ^2 /NDF: 13475.2/43

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 63.953 $\pm$ 2.065 χ^2 /NDF:133.2/4

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 82.494 $\pm$ 3.168 χ^2 /NDF:17.3/2

Left: 69.479 $\pm$ 1.730 χ^2 /NDF: 174.5/7

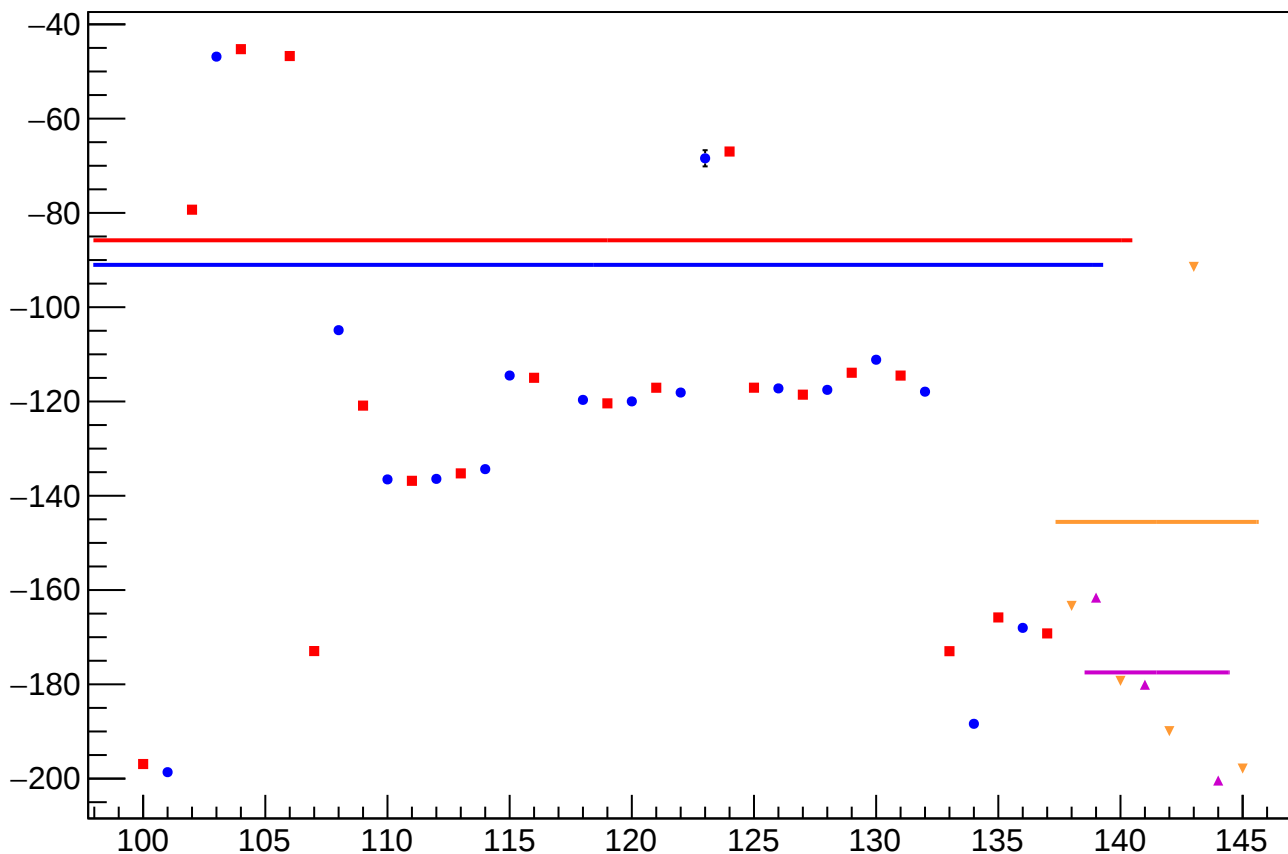
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 58.797 $\pm$ 1.298 χ^2 /NDF:717.4/19

Out: 51.089 $\pm$ 1.134 χ^2 /NDF:715.6/23

All: 54.425 $\pm$ 0.854 χ^2 /NDF: 1453.0/43

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.544 ± 0.099 $\chi^2/\text{NDF}: 204399.2/4$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -177.475 ± 0.135 $\chi^2/\text{NDF}: 13143.6/2$

Left: -156.693 ± 0.080 $\chi^2/\text{NDF}: 254014.7/7$

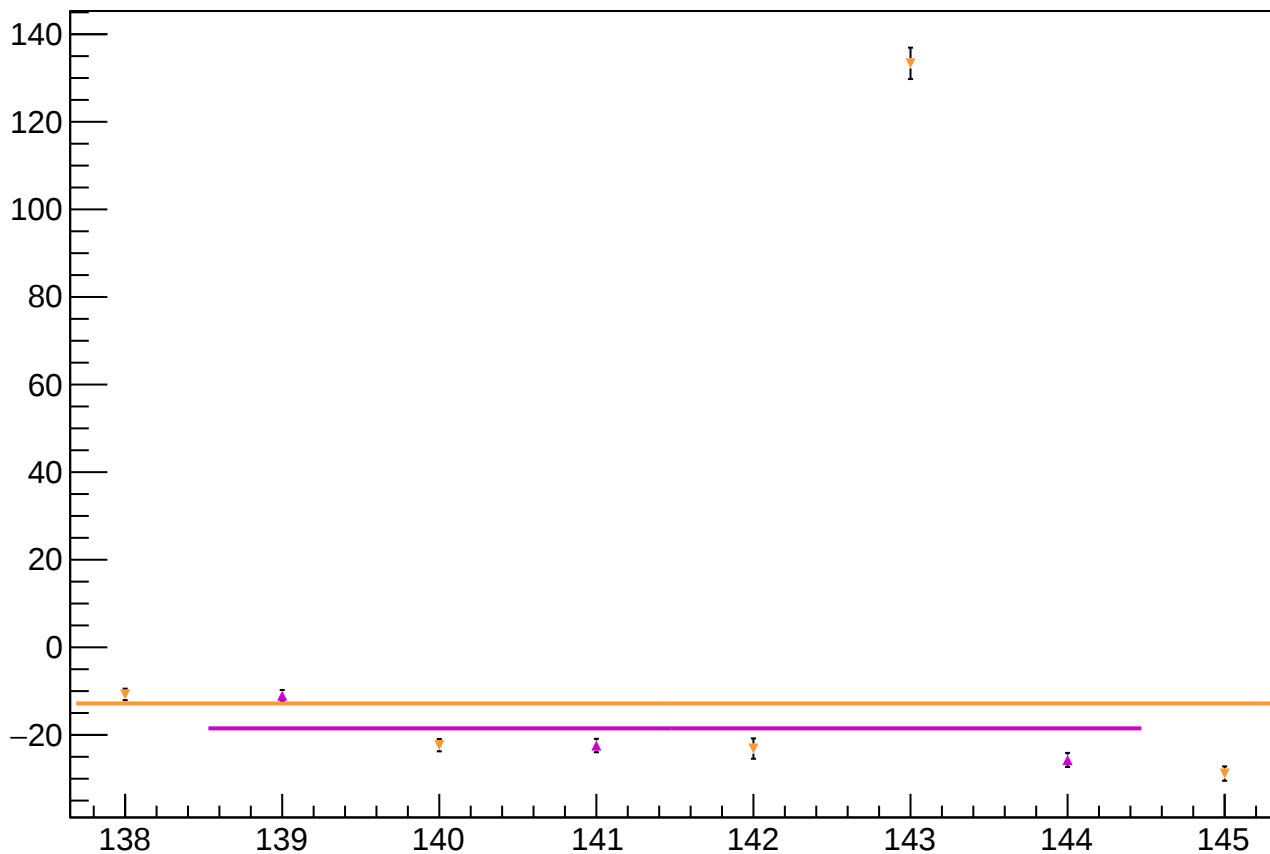
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -108.368 ± 0.060 $\chi^2/\text{NDF}: 875769.7/19$

Out: -103.863 ± 0.054 $\chi^2/\text{NDF}: 955336.9/23$

All: -105.877 ± 0.040 $\chi^2/\text{NDF}: 1834181.6/43$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.814+/-0.764 χ^2/NDF :1827.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.506+/-0.844 χ^2/NDF :59.8/2

Left: -15.376+/-0.566 χ^2/NDF : 1912.6/7

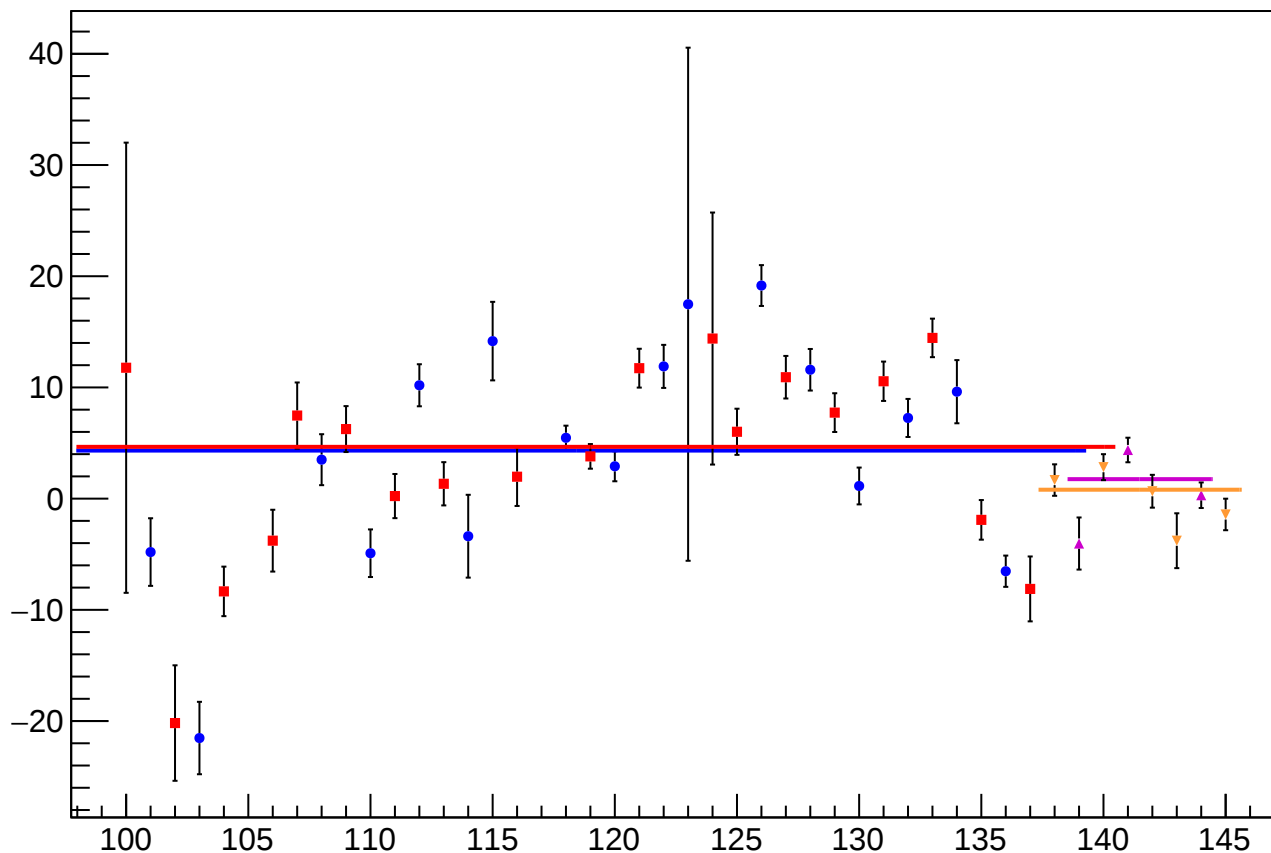
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.506+/-0.844 χ^2/NDF :59.8/2

Out: -12.814+/-0.764 χ^2/NDF :1827.8/4

All: -15.376+/-0.566 χ^2/NDF : 1912.6/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 0.802 ± 0.652 χ^2/NDF : 9.3/4

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 1.753 ± 0.754 χ^2/NDF : 13.3/2

Left: 1.209 ± 0.493 χ^2/NDF : 23.6/7

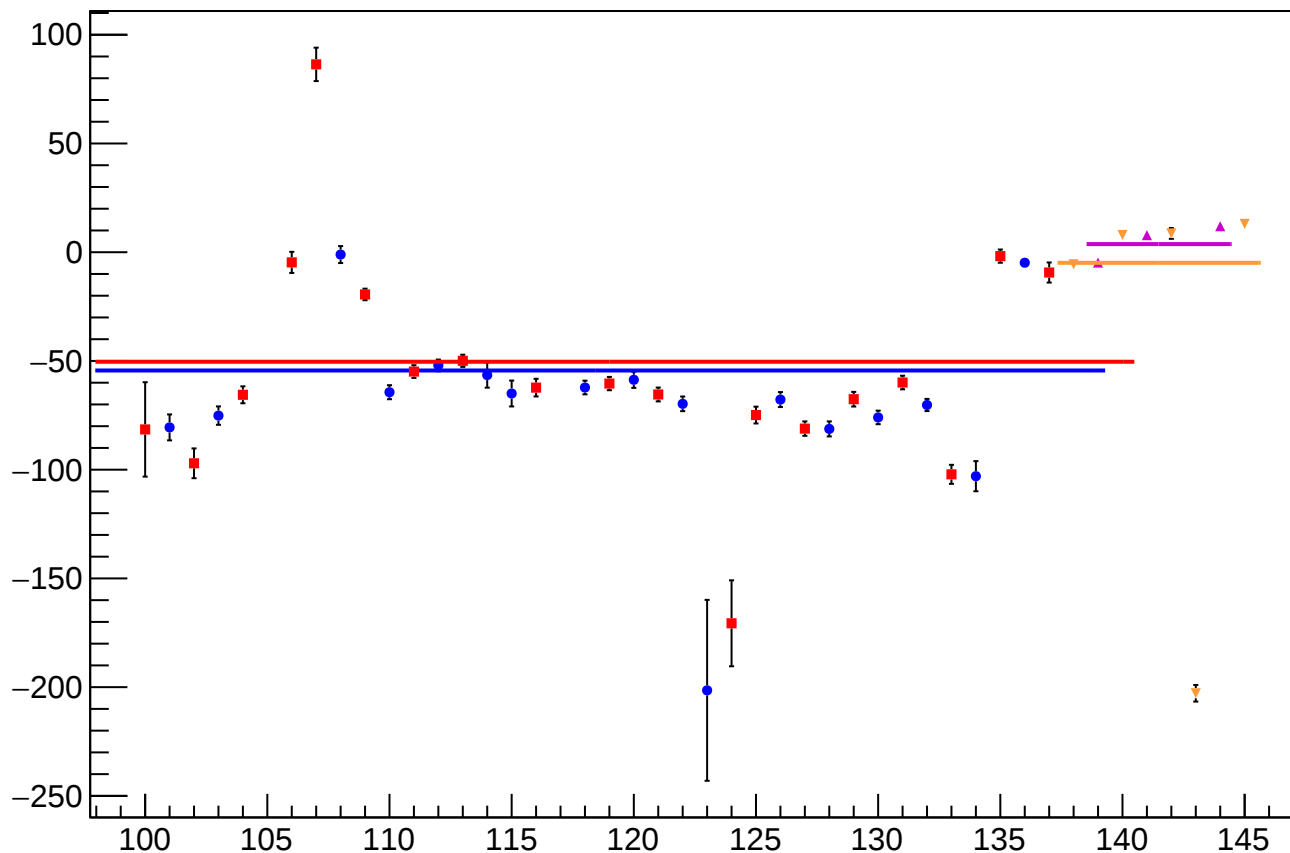
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 3.613 ± 0.396 χ^2/NDF : 302.0/19

Out: 3.324 ± 0.383 χ^2/NDF : 216.8/23

All: 3.464 ± 0.275 χ^2/NDF : 519.1/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: -4.873 ± 0.815 χ^2/NDF : 2896.5/4

Right Out: -50.364 ± 0.858 χ^2/NDF : 1321.3/18

Left In: 3.736 ± 0.906 χ^2/NDF : 65.9/2

Left: -1.021 ± 0.606 χ^2/NDF : 3012.3/7

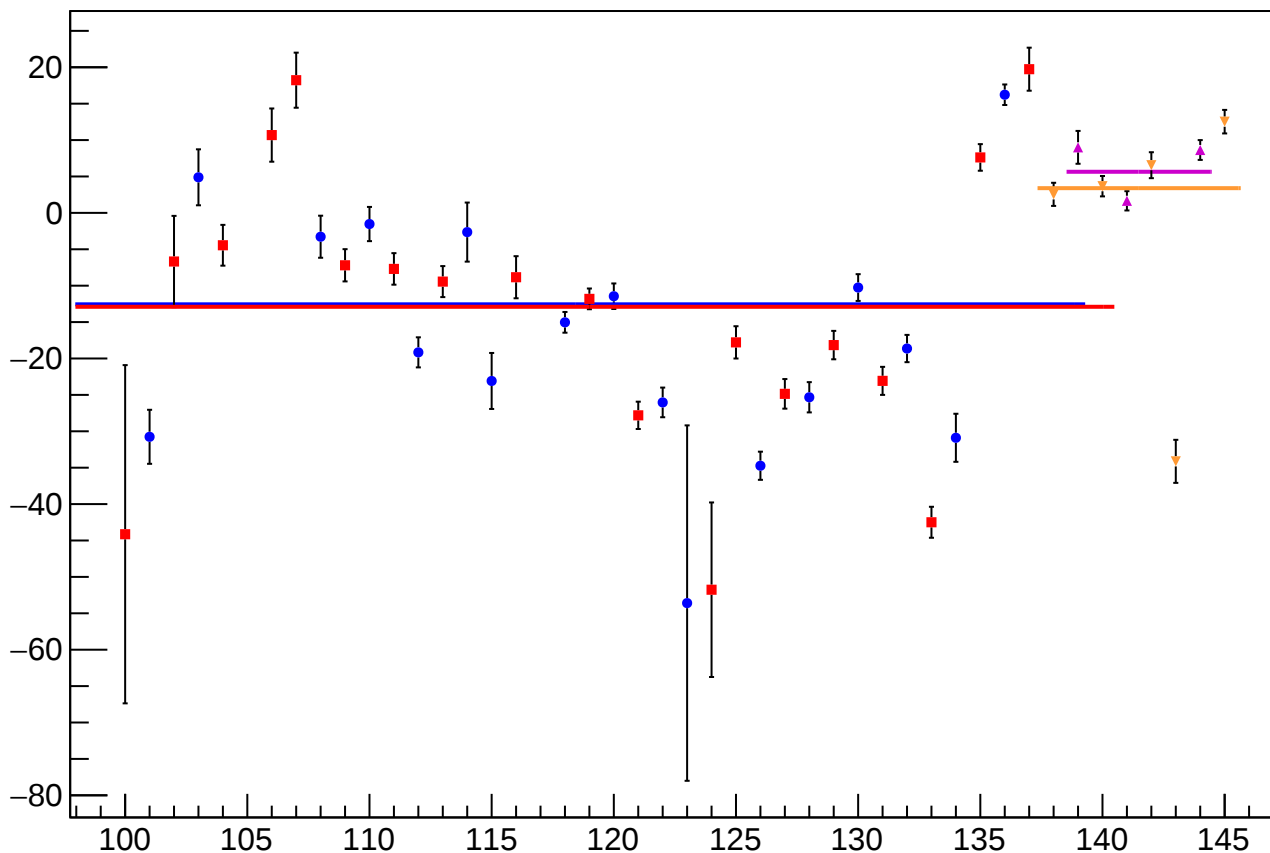
Right: -52.360 ± 0.609 χ^2/NDF : 2346.2/35

In: -26.679 ± 0.625 χ^2/NDF : 3234.8/19

Out: -26.461 ± 0.591 χ^2/NDF : 5696.2/23

All: -26.564 ± 0.429 χ^2/NDF : 8931.1/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 3.394 ± 0.763 χ^2/NDF : 196.5/4

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.646 ± 0.875 χ^2/NDF : 16.1/2

Left: 4.367 ± 0.575 χ^2/NDF : 216.4/7

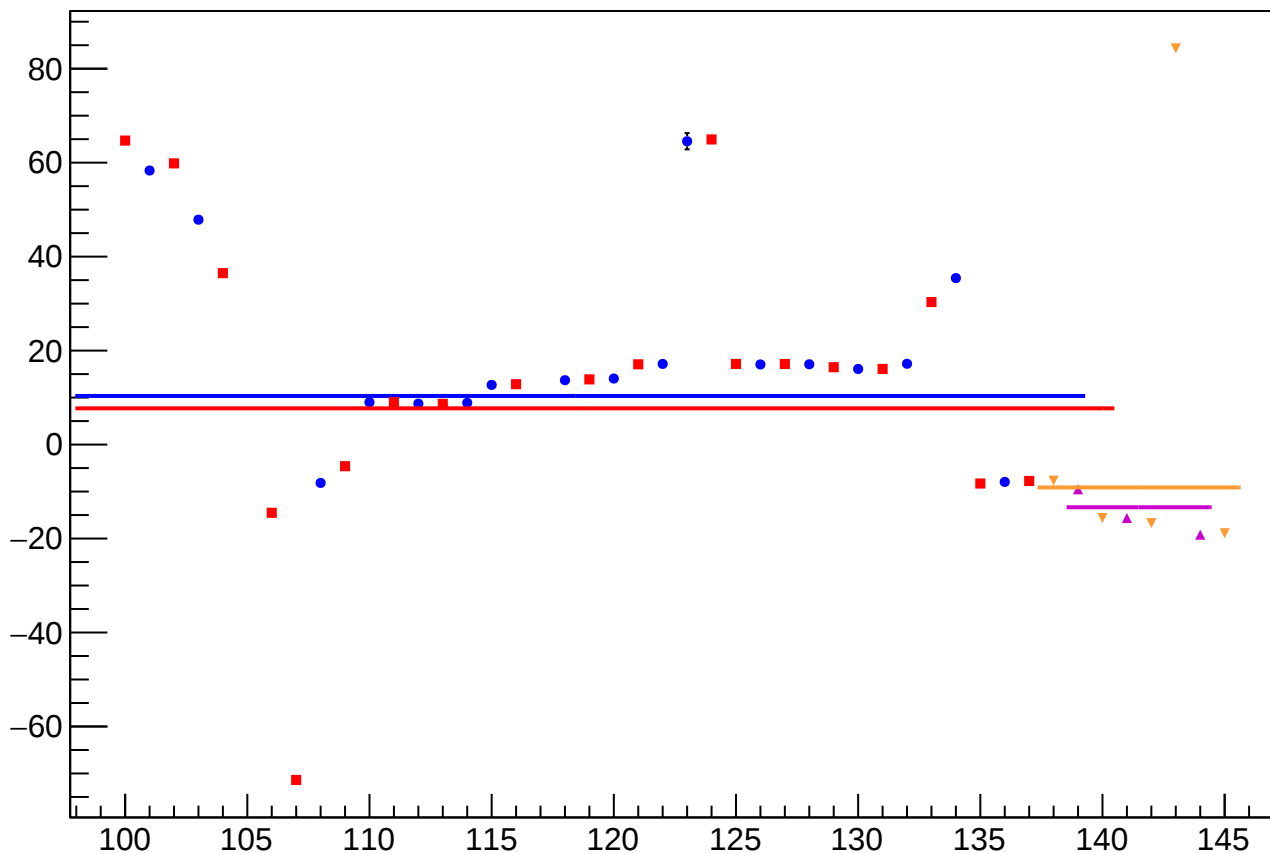
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -7.652 ± 0.454 χ^2/NDF : 1112.1/19

Out: -7.484 ± 0.440 χ^2/NDF : 1229.5/23

All: -7.565 ± 0.316 χ^2/NDF : 2341.7/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.122+/-0.033 χ^2/NDF :406941.1/4

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -13.340+/-0.035 χ^2/NDF :13206.6/2

Left: -11.098+/-0.024 χ^2/NDF : 427855.8/7

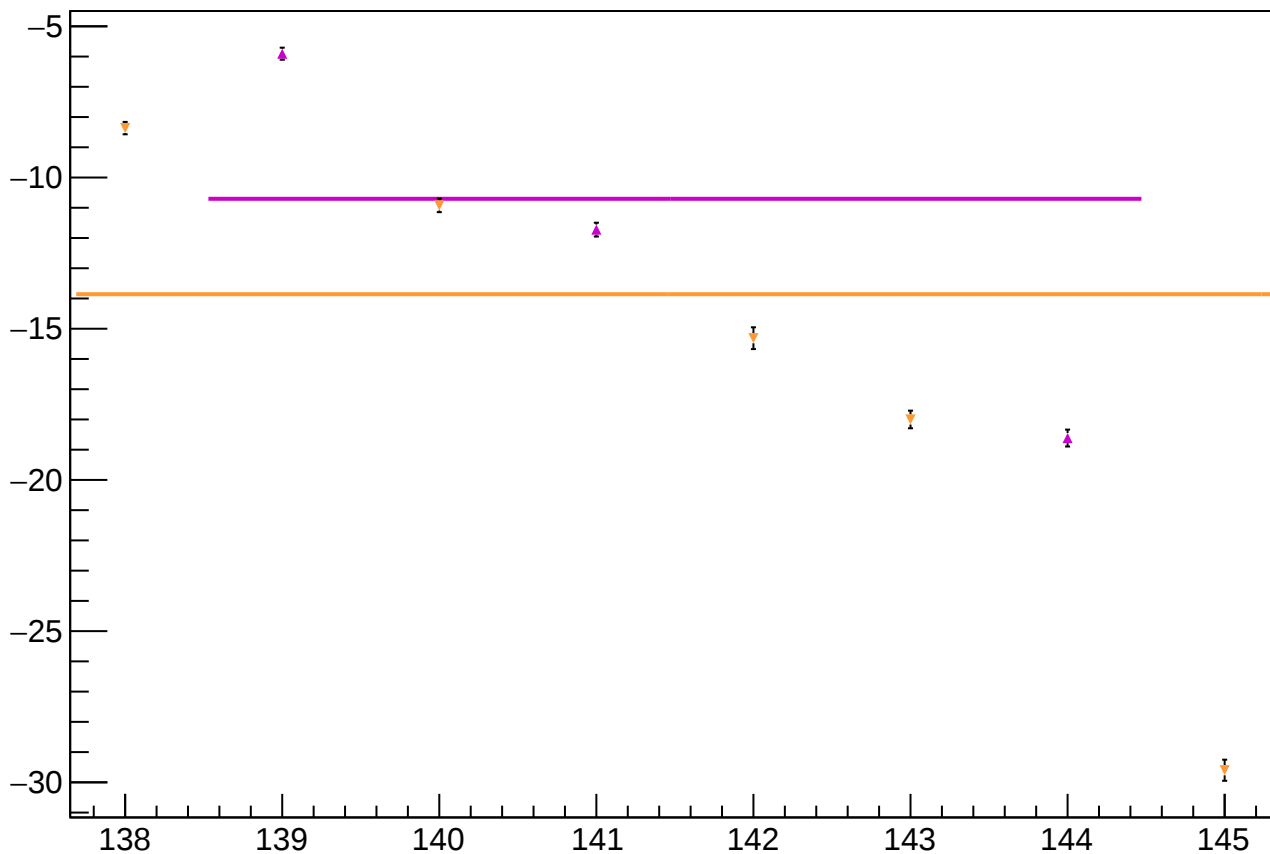
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: 0.103+/-0.023 χ^2/NDF :653663.3/19

Out: -0.277+/-0.023 χ^2/NDF :1089636.8/23

All: -0.090+/-0.016 χ^2/NDF : 1743438.3/43

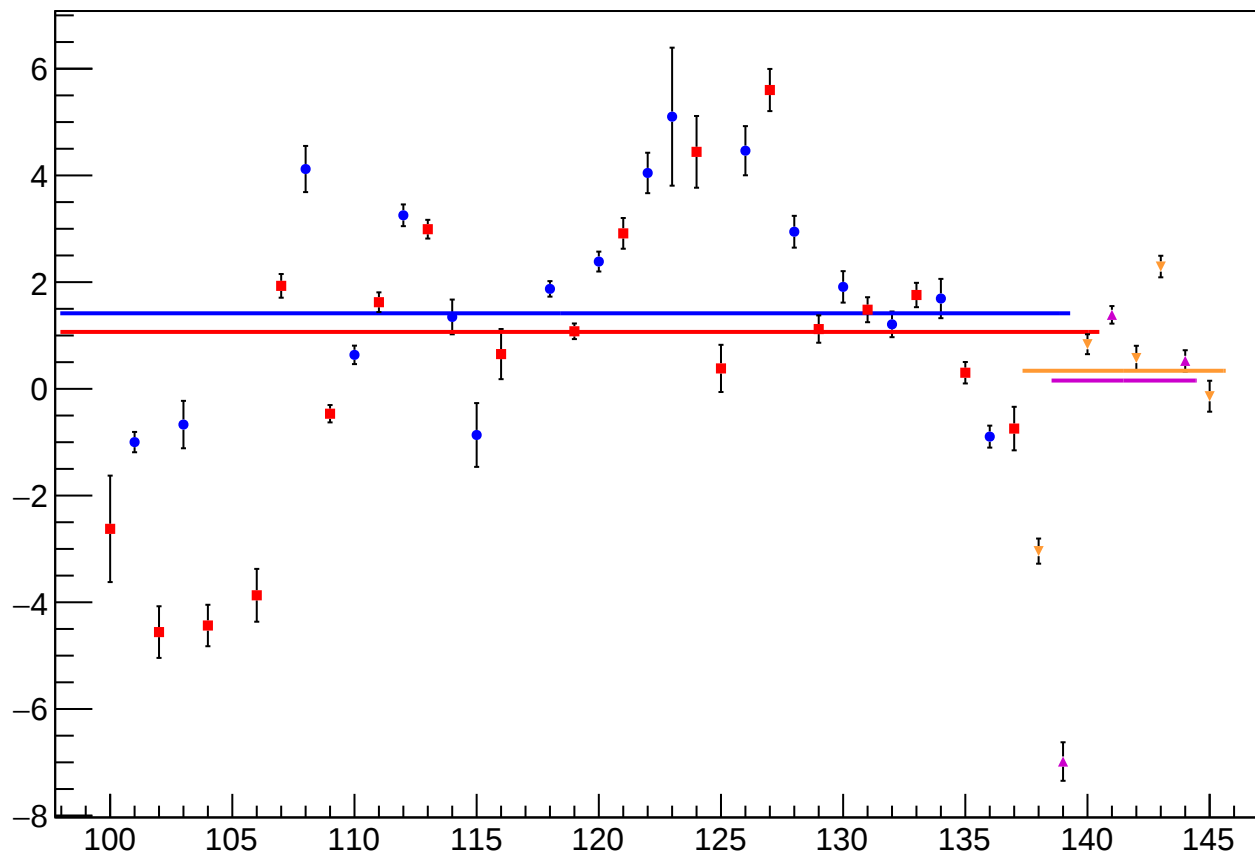
reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -13.858 $\pm$ 0.118 χ^2 /NDF:3139.8/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -10.703 $\pm$ 0.132 χ^2 /NDF:1396.7/2

Left: -12.457 $\pm$ 0.088 χ^2 /NDF: 4851.7/7
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -10.703 $\pm$ 0.132 χ^2 /NDF:1396.7/2
 Out: -13.858 $\pm$ 0.118 χ^2 /NDF:3139.8/4
 All: -12.457 $\pm$ 0.088 χ^2 /NDF: 4851.7/7

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2/NDF : 631.2/16

Left Out: 0.339 $\pm$ 0.099 χ^2/NDF :310.4/4

Right Out: 1.067 $\pm$ 0.058 χ^2/NDF : 929.9/18

Left In: 0.156 $\pm$ 0.120 χ^2/NDF :450.5/2

Left: 0.265 $\pm$ 0.076 χ^2/NDF : 762.4/7

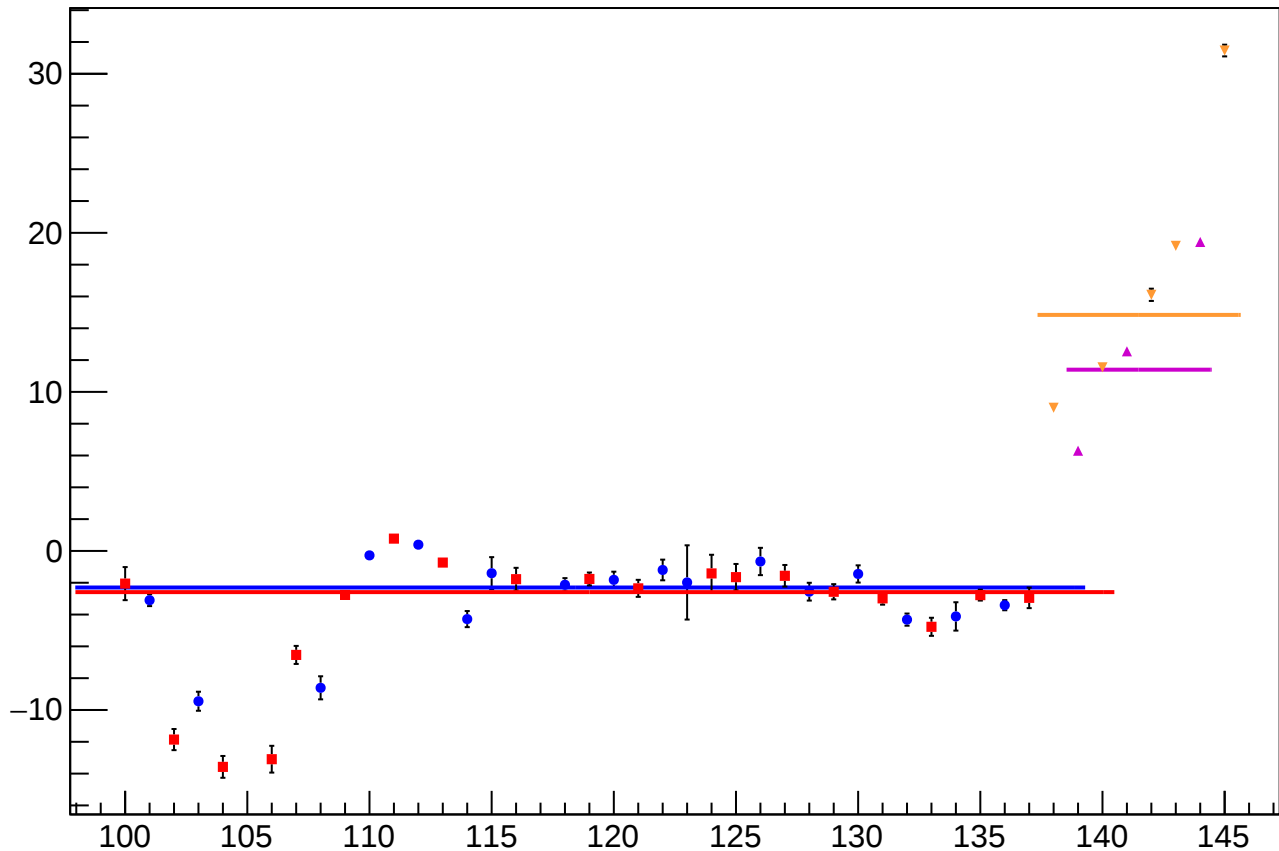
Right: 1.233 $\pm$ 0.042 χ^2/NDF : 1578.2/35

In: 1.155 $\pm$ 0.054 χ^2/NDF :1169.6/19

Out: 0.880 $\pm$ 0.050 χ^2/NDF :1280.6/23

All: 1.006 $\pm$ 0.037 χ^2/NDF : 2464.0/43

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 14.840 ± 0.127 χ^2/NDF : 3111.9/4

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 11.396 ± 0.142 χ^2/NDF : 1300.2/2

Left: 13.311 ± 0.095 χ^2/NDF : 4738.8/7

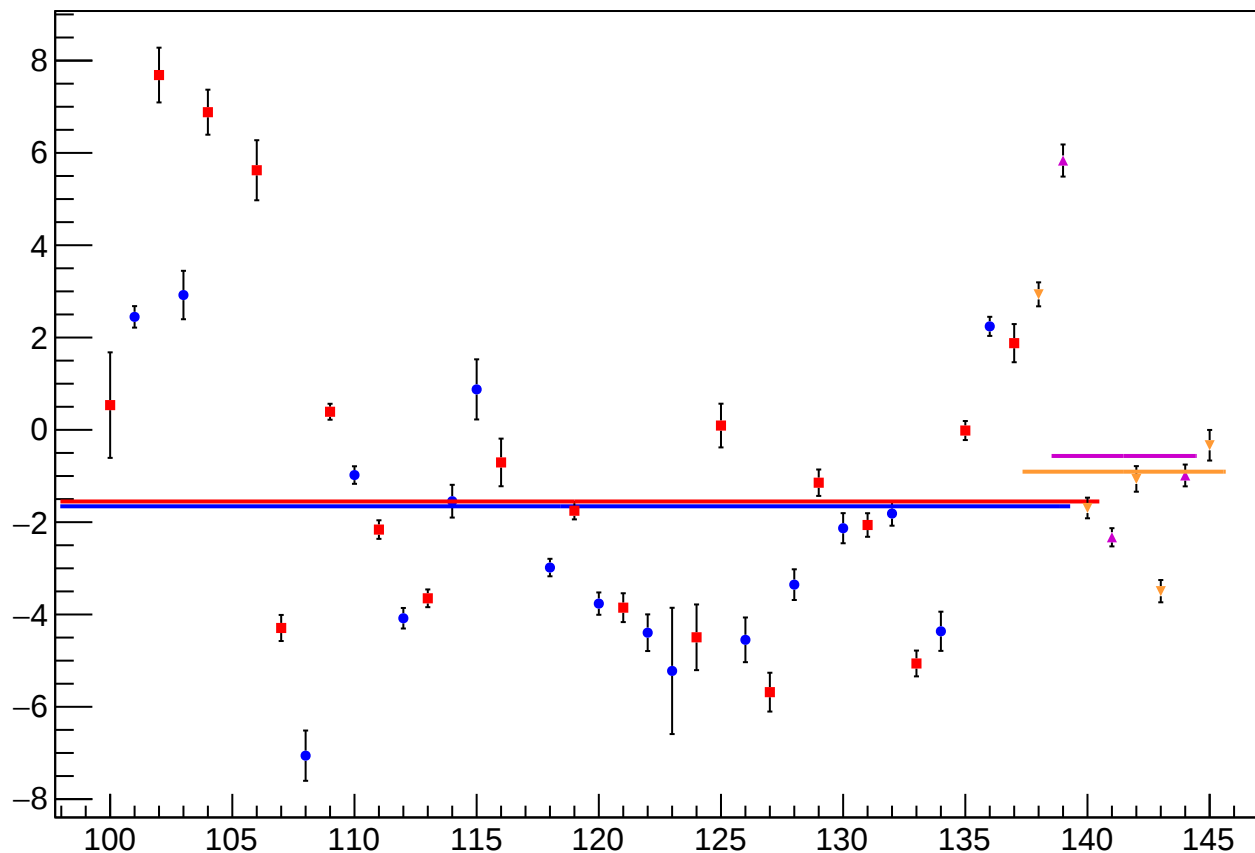
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 2.881 ± 0.087 χ^2/NDF : 7515.4/19

Out: 3.986 ± 0.078 χ^2/NDF : 15736.7/23

All: 3.496 ± 0.058 χ^2/NDF : 23341.0/43

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -0.906 ± 0.116 $\chi^2/\text{NDF}: 349.3/4$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -0.566 ± 0.139 $\chi^2/\text{NDF}: 421.5/2$

Left: -0.766 ± 0.089 $\chi^2/\text{NDF}: 774.4/7$

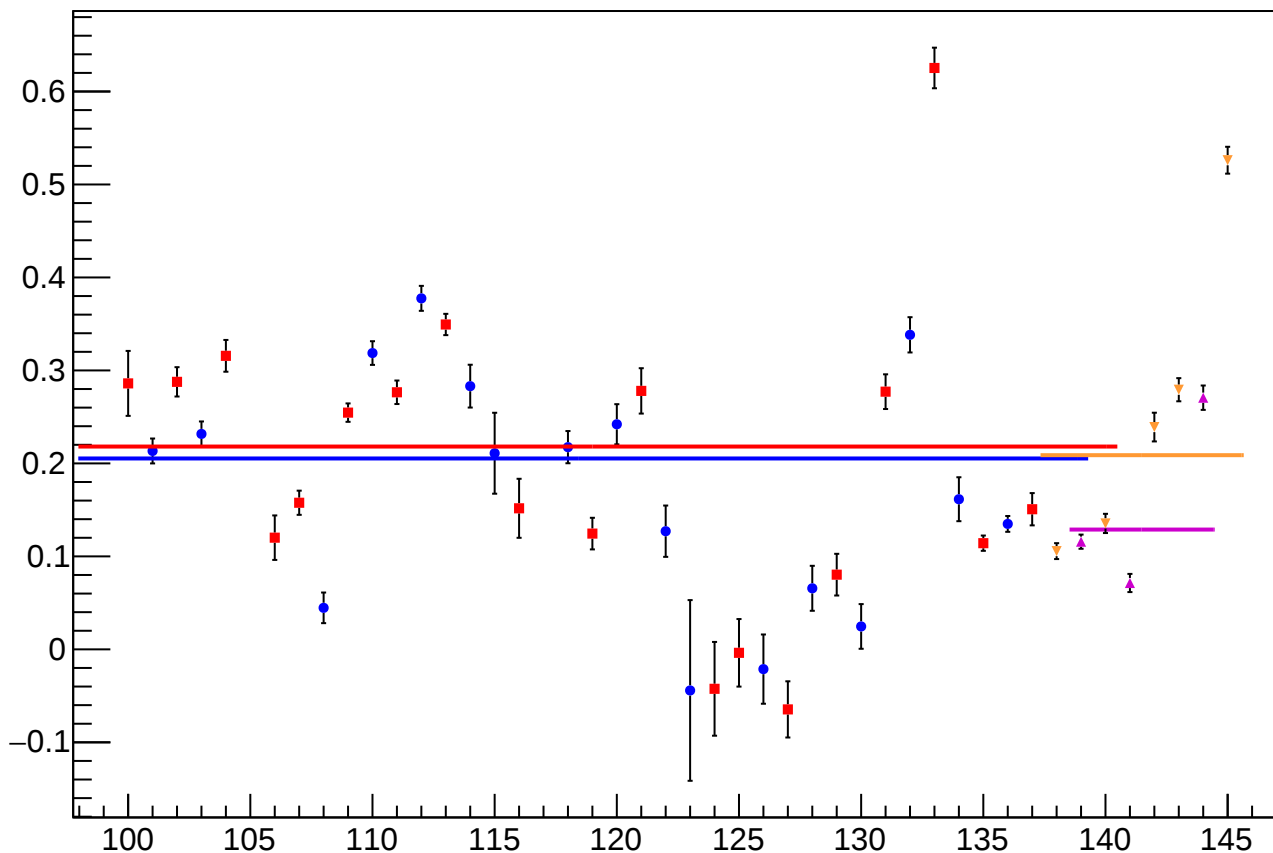
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -1.433 ± 0.063 $\chi^2/\text{NDF}: 1741.8/19$

Out: -1.395 ± 0.057 $\chi^2/\text{NDF}: 1860.8/23$

All: -1.412 ± 0.042 $\chi^2/\text{NDF}: 3602.8/43$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.209 $\pm$ 0.005 χ^2 /NDF: 714.2/4

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF: 154.7/2

Left: 0.172 $\pm$ 0.004 χ^2 /NDF: 983.5/7

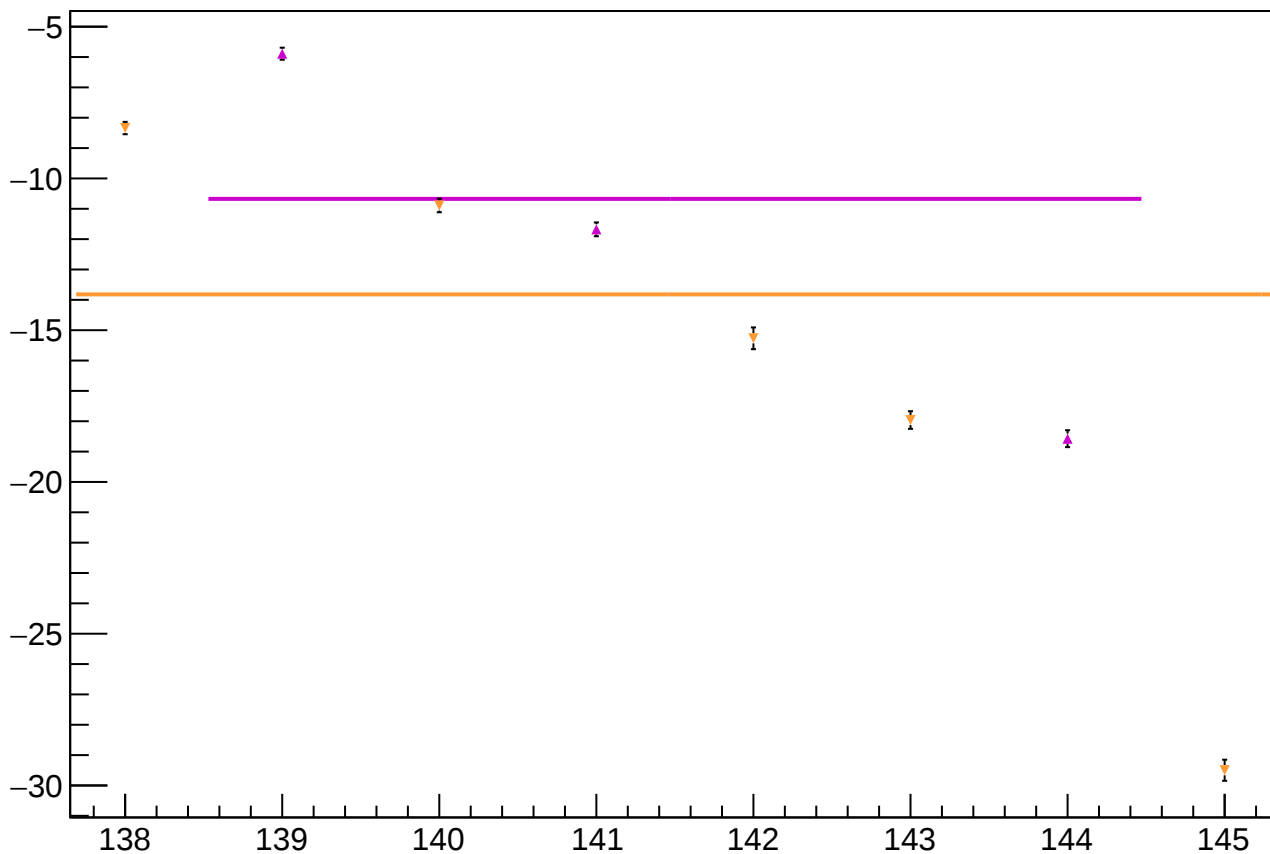
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.177 $\pm$ 0.003 χ^2 /NDF: 899.6/19

Out: 0.215 $\pm$ 0.003 χ^2 /NDF: 1739.6/23

All: 0.198 $\pm$ 0.002 χ^2 /NDF: 2710.2/43

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.820+/-0.118 χ^2/NDF :3147.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.673+/-0.132 χ^2/NDF :1402.8/2

Left: -12.422+/-0.088 χ^2/NDF : 4866.7/7

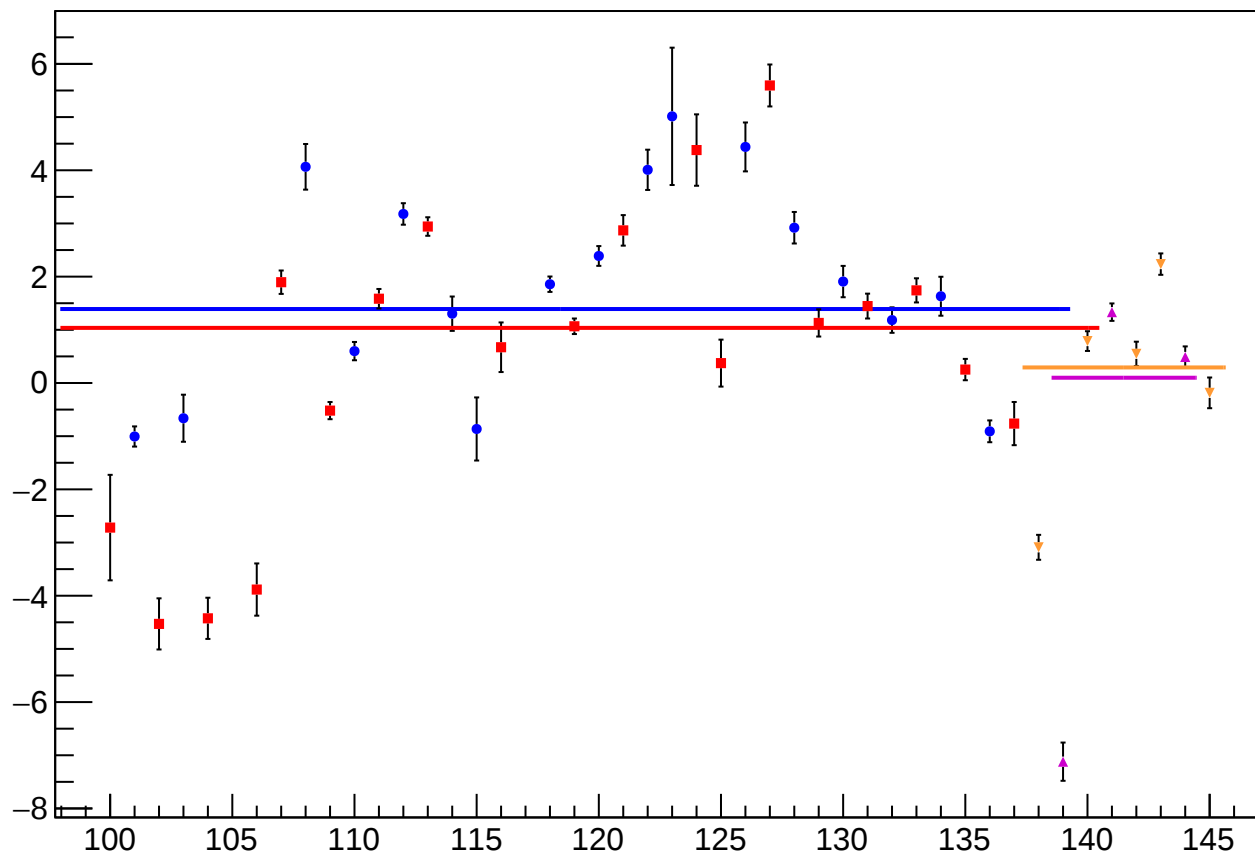
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.673+/-0.132 χ^2/NDF :1402.8/2

Out: -13.820+/-0.118 χ^2/NDF :3147.6/4

All: -12.422+/-0.088 χ^2/NDF : 4866.7/7

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 0.292 ± 0.098 χ^2/NDF : 312.6/4

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.099 ± 0.119 χ^2/NDF : 463.8/2

Left: 0.214 ± 0.076 χ^2/NDF : 778.0/7

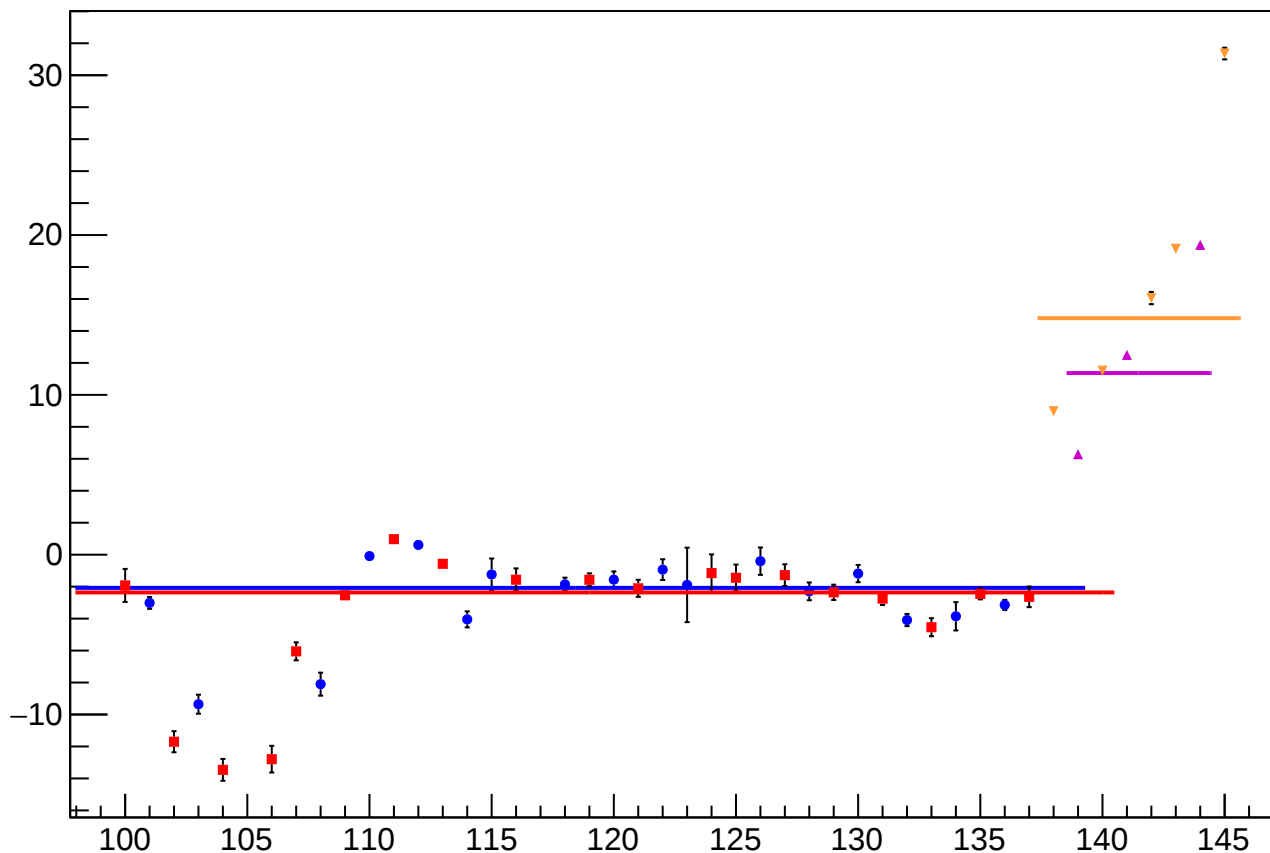
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.123 ± 0.054 χ^2/NDF : 1186.2/19

Out: 0.846 ± 0.050 χ^2/NDF : 1289.2/23

All: 0.973 ± 0.037 χ^2/NDF : 2489.6/43

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 14.800 ± 0.126 χ^2/NDF : 3120.0/4

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 11.365 ± 0.141 χ^2/NDF : 1305.5/2

Left: 13.275 ± 0.094 χ^2/NDF : 4753.2/7

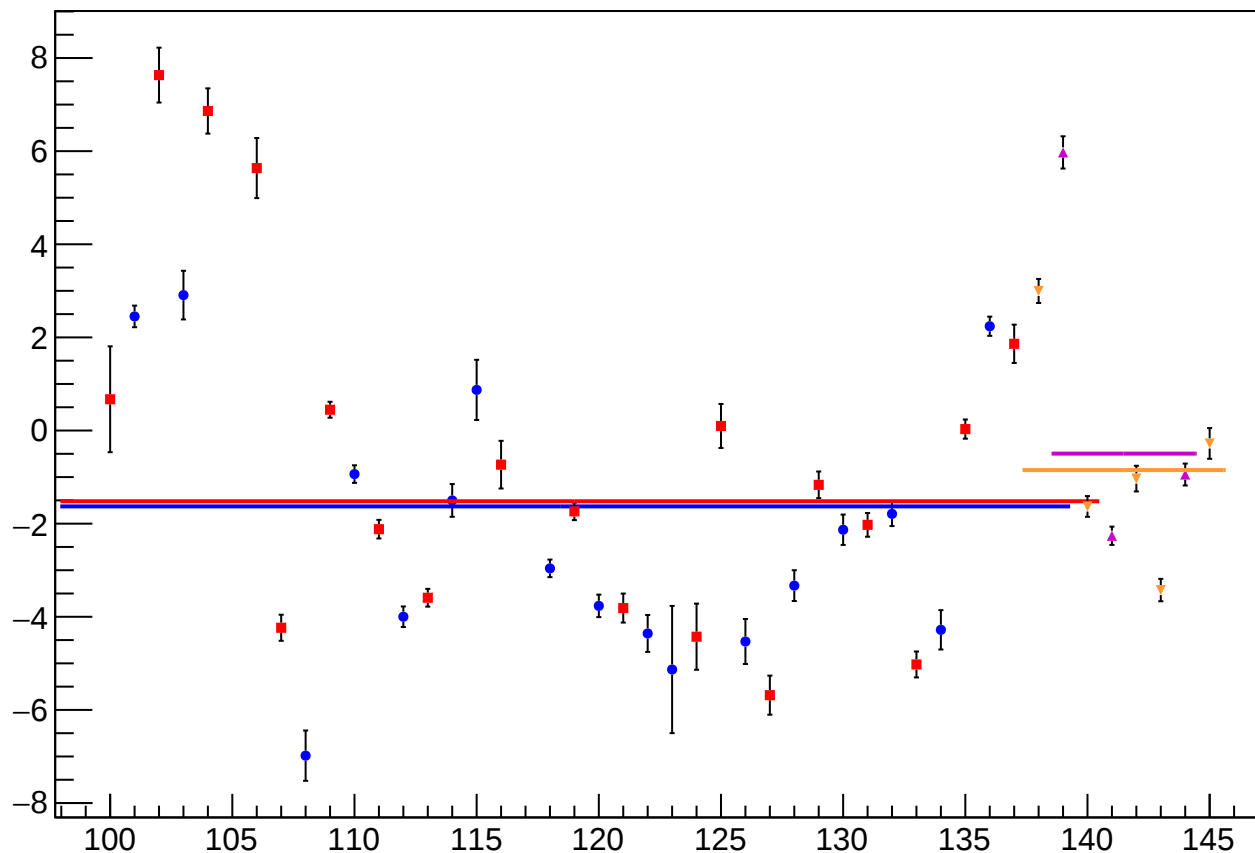
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 3.005 ± 0.087 χ^2/NDF : 7361.5/19

Out: 4.105 ± 0.078 χ^2/NDF : 15501.4/23

All: 3.618 ± 0.058 χ^2/NDF : 22952.1/43

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -0.849 ± 0.116 χ^2/NDF : 351.9/4

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -0.496 ± 0.138 χ^2/NDF : 433.2/2

Left: -0.704 ± 0.089 χ^2/NDF : 788.9/7

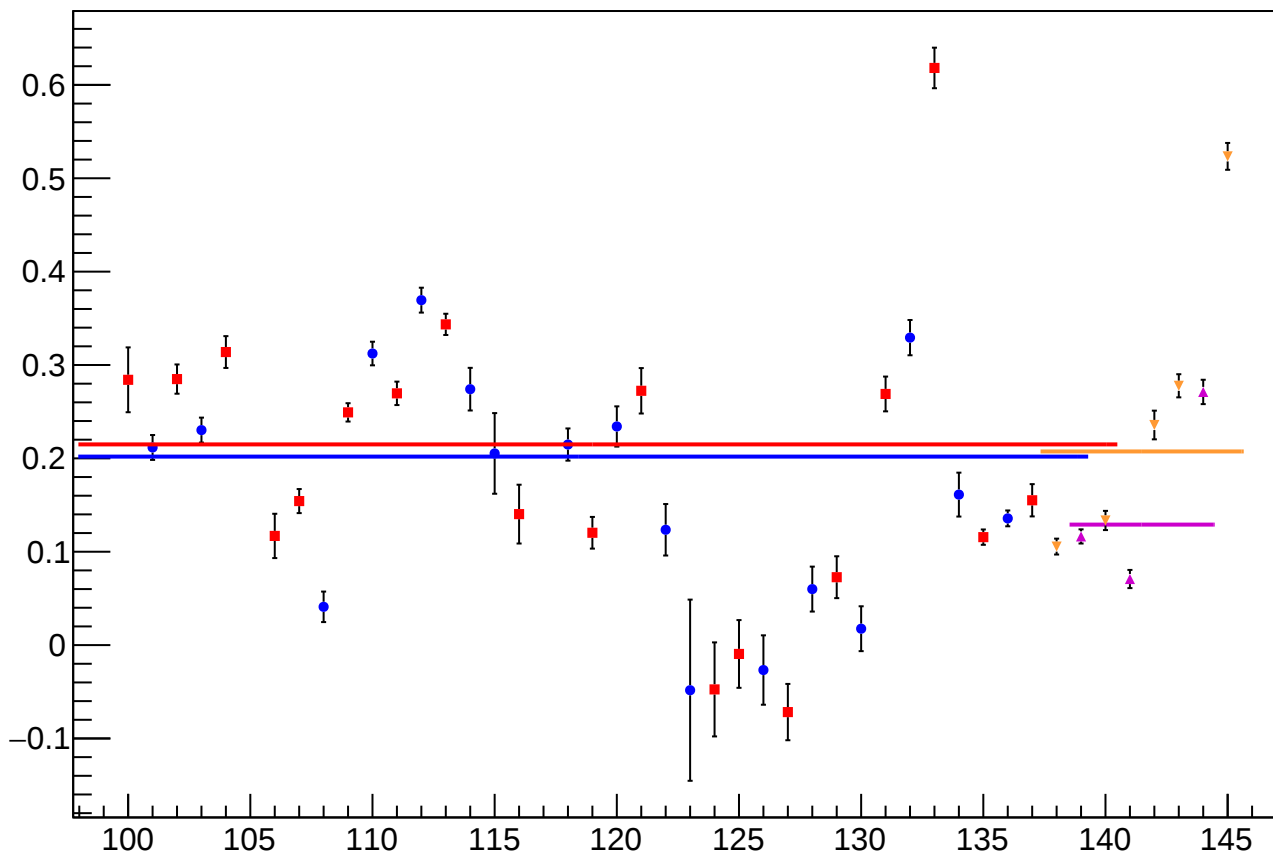
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.397 ± 0.063 χ^2/NDF : 1753.1/19

Out: -1.357 ± 0.057 χ^2/NDF : 1869.2/23

All: -1.375 ± 0.042 χ^2/NDF : 3622.5/43

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.207 ± 0.005 $\chi^2/\text{NDF}: 713.6/4$

Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1005.6/18$

Left In: 0.129 ± 0.005 $\chi^2/\text{NDF}: 157.3/2$

Left: 0.171 ± 0.004 $\chi^2/\text{NDF}: 981.8/7$

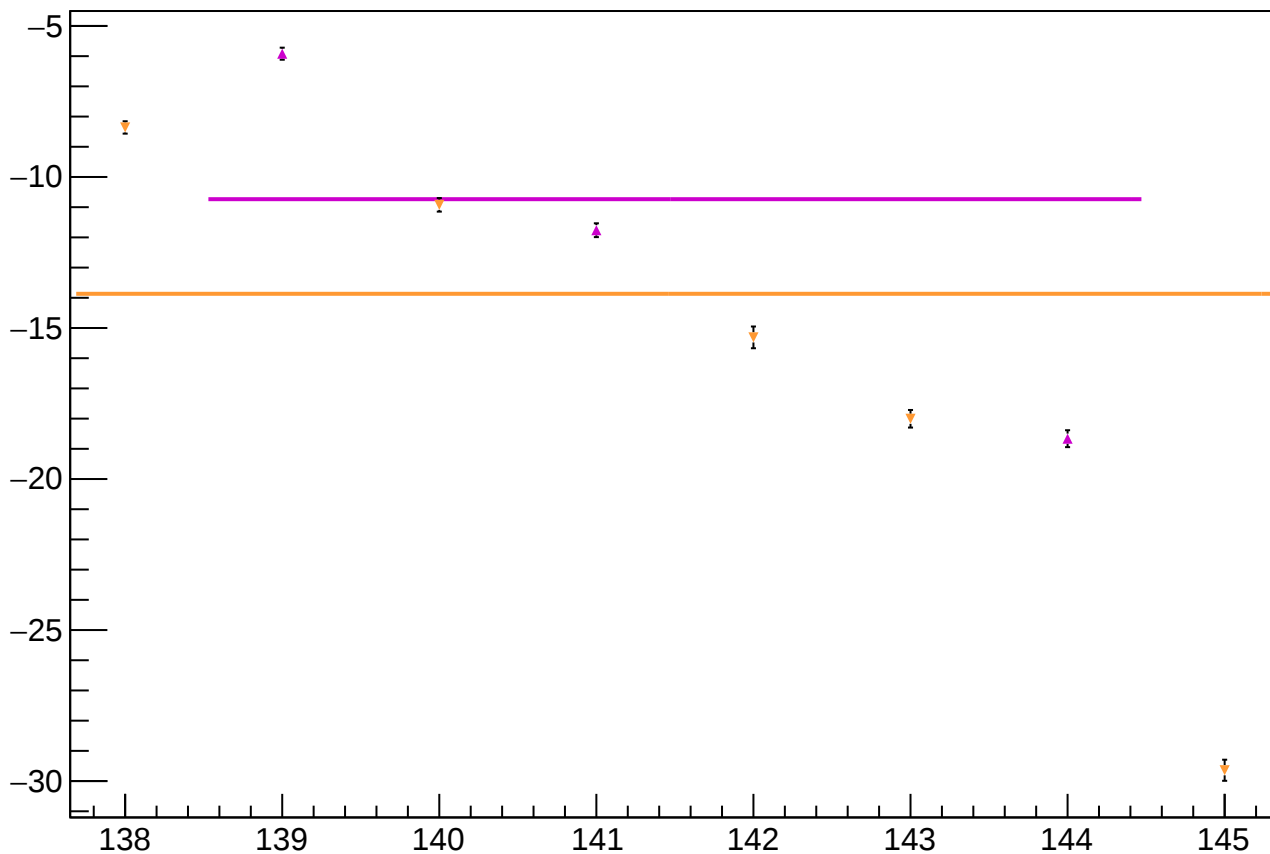
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1615.8/35$

In: 0.175 ± 0.003 $\chi^2/\text{NDF}: 875.9/19$

Out: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1720.6/23$

All: 0.196 ± 0.002 $\chi^2/\text{NDF}: 2666.3/43$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.868+/-0.118 χ^2/NDF :3152.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.735+/-0.132 χ^2/NDF :1405.0/2

Left: -12.476+/-0.088 χ^2/NDF : 4867.9/7

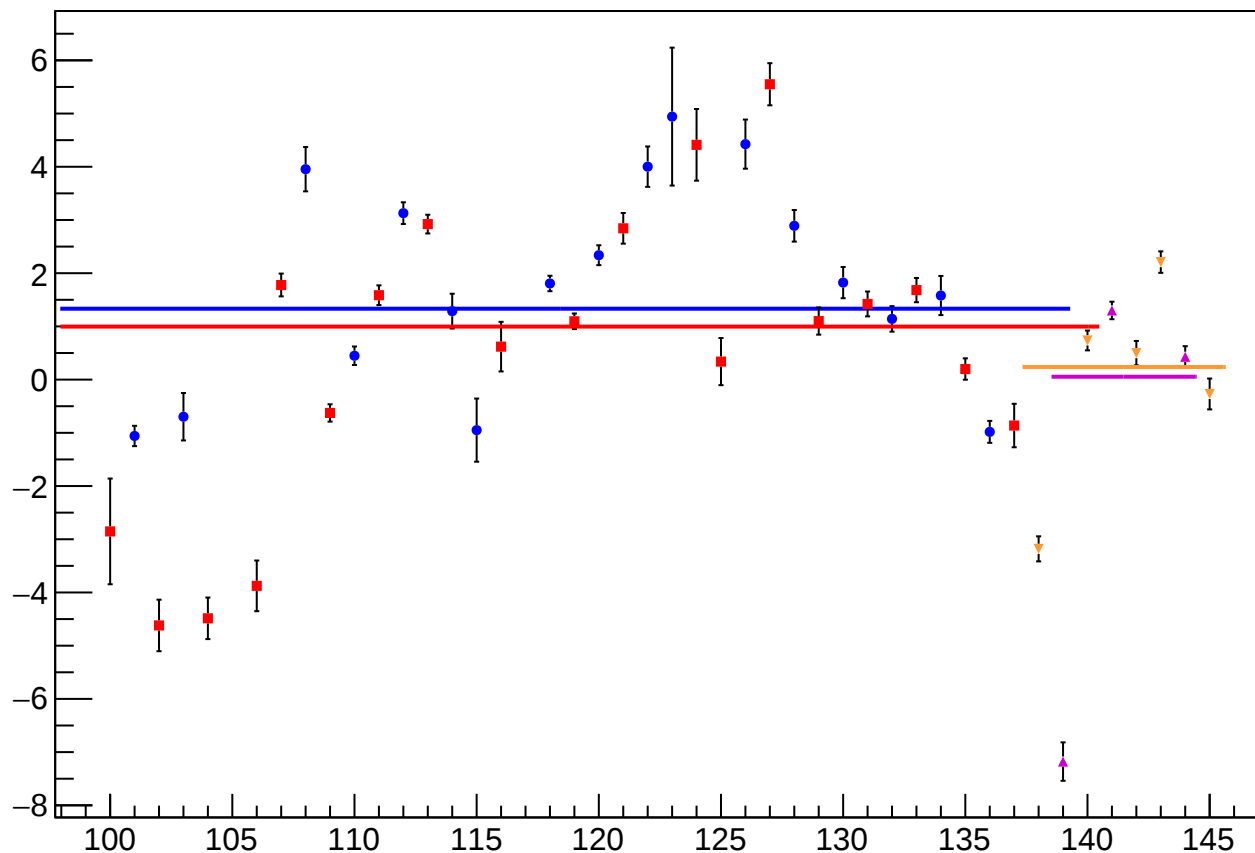
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.735+/-0.132 χ^2/NDF :1405.0/2

Out: -13.868+/-0.118 χ^2/NDF :3152.3/4

All: -12.476+/-0.088 χ^2/NDF : 4867.9/7

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 $\chi^2/\text{NDF}: 634.6/16$

Left Out: 0.238 ± 0.099 $\chi^2/\text{NDF}: 317.4/4$

Right Out: 0.997 ± 0.058 $\chi^2/\text{NDF}: 945.3/18$

Left In: 0.054 ± 0.120 $\chi^2/\text{NDF}: 462.0/2$

Left: 0.163 ± 0.076 $\chi^2/\text{NDF}: 780.7/7$

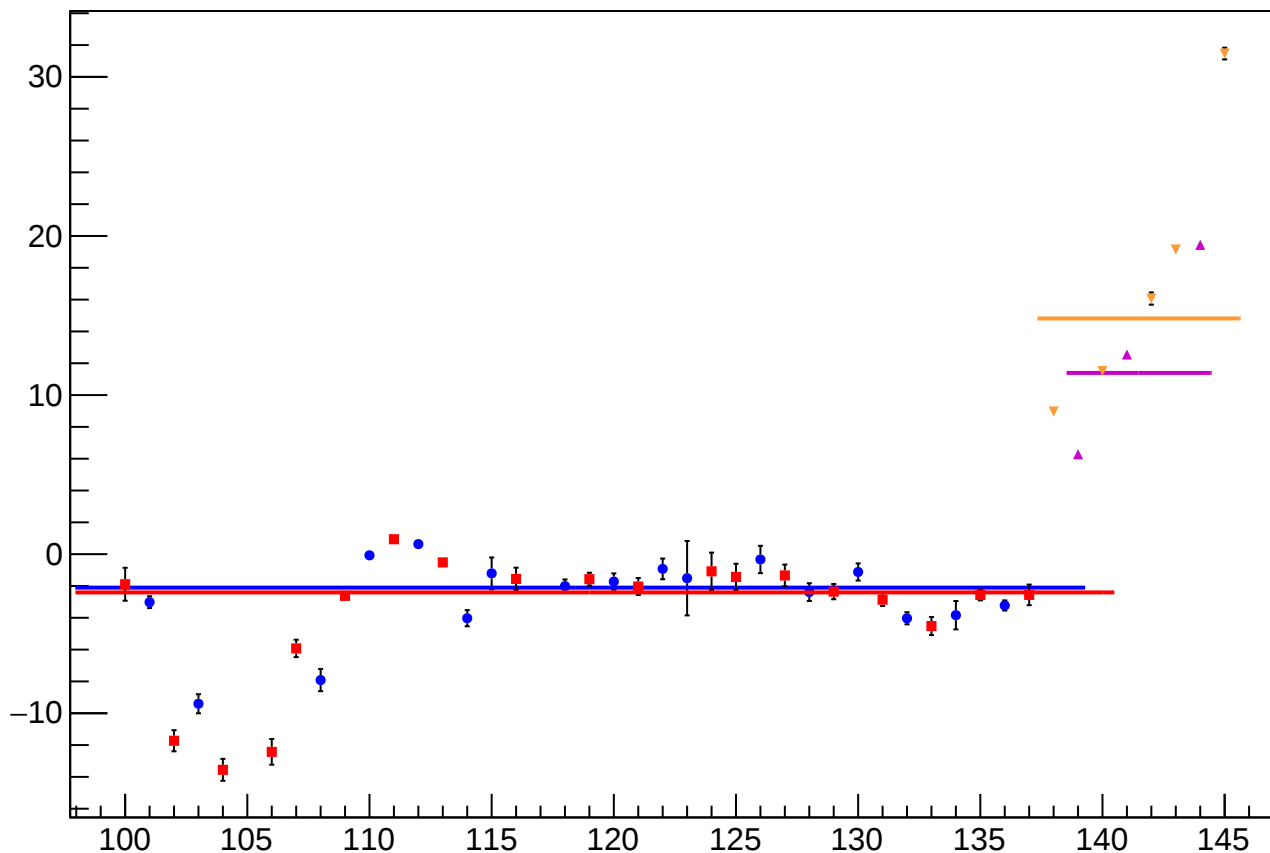
Right: 1.156 ± 0.042 $\chi^2/\text{NDF}: 1595.8/35$

In: 1.068 ± 0.054 $\chi^2/\text{NDF}: 1187.0/19$

Out: 0.803 ± 0.050 $\chi^2/\text{NDF}: 1306.6/23$

All: 0.924 ± 0.037 $\chi^2/\text{NDF}: 2506.4/43$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 14.815 ± 0.127 χ^2/NDF : 3122.4/4

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 11.393 ± 0.142 χ^2/NDF : 1307.2/2

Left: 13.296 ± 0.095 χ^2/NDF : 4752.0/7

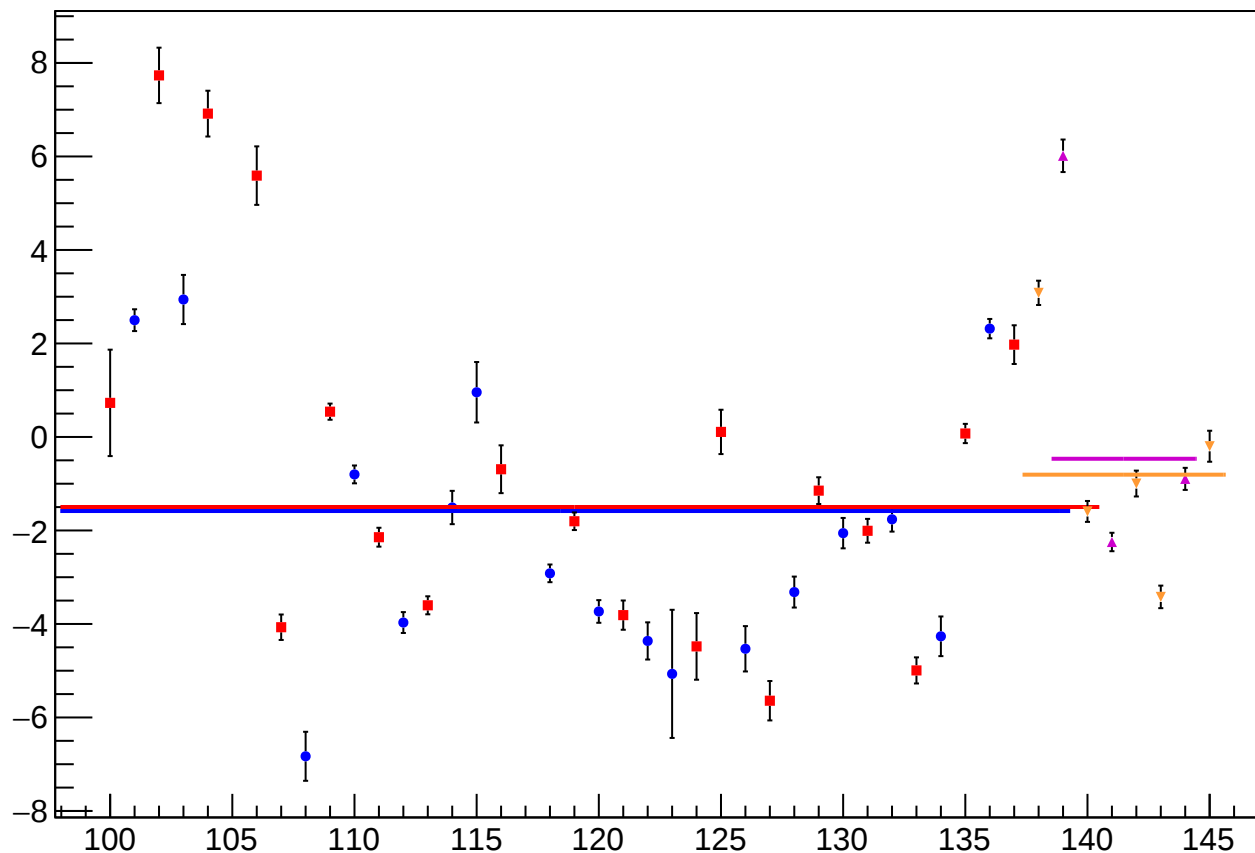
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 3.004 ± 0.087 χ^2/NDF : 7355.1/19

Out: 4.088 ± 0.078 χ^2/NDF : 15468.1/23

All: 3.607 ± 0.058 χ^2/NDF : 22908.8/43

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -0.807 ± 0.116 $\chi^2/\text{NDF}: 357.5/4$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -0.466 ± 0.139 $\chi^2/\text{NDF}: 431.8/2$

Left: -0.666 ± 0.089 $\chi^2/\text{NDF}: 792.9/7$

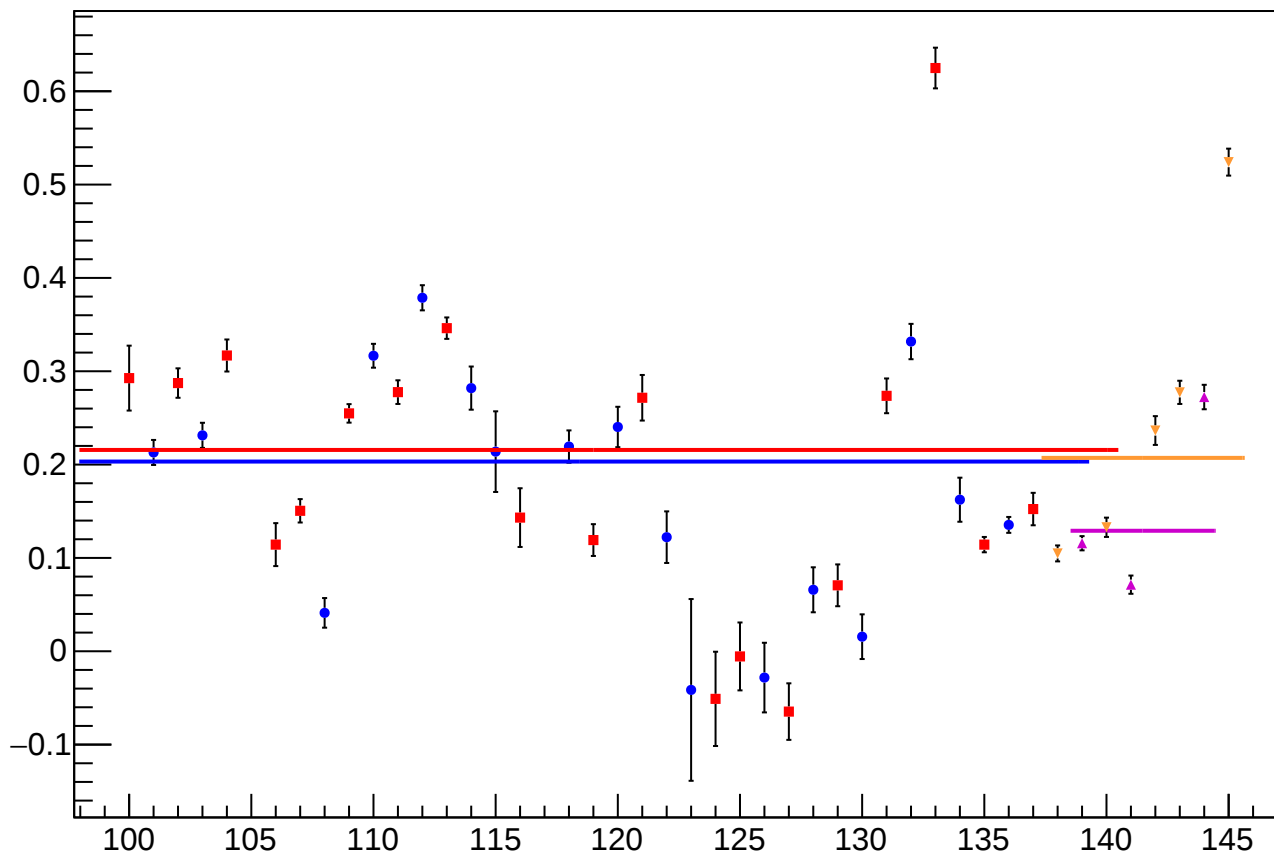
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.355 ± 0.063 $\chi^2/\text{NDF}: 1755.6/19$

Out: -1.331 ± 0.057 $\chi^2/\text{NDF}: 1888.1/23$

All: -1.342 ± 0.042 $\chi^2/\text{NDF}: 3643.8/43$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.207 ± 0.005 χ^2/NDF : 711.6/4

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.129 ± 0.005 χ^2/NDF : 157.6/2

Left: 0.171 ± 0.004 χ^2/NDF : 978.4/7

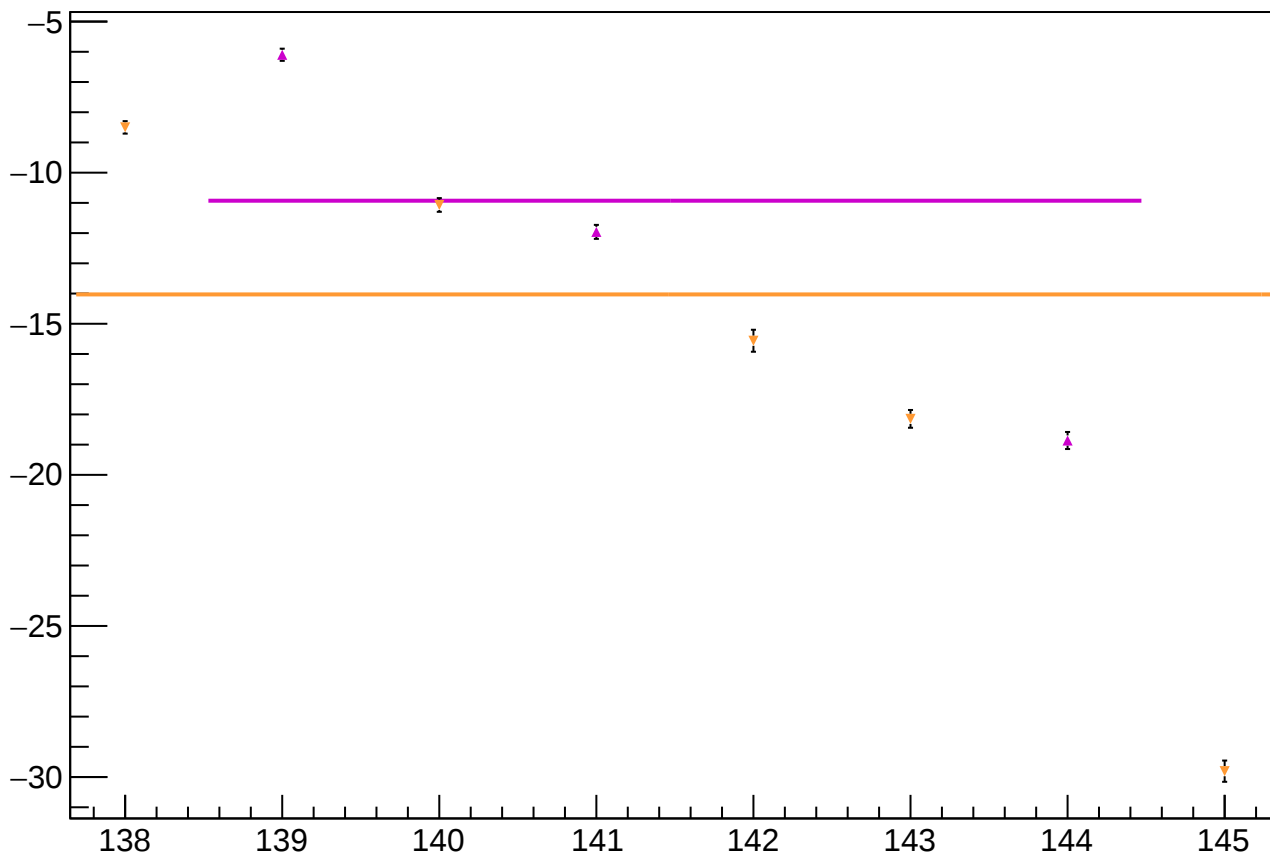
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.176 ± 0.003 χ^2/NDF : 907.5/19

Out: 0.213 ± 0.003 χ^2/NDF : 1751.3/23

All: 0.196 ± 0.002 χ^2/NDF : 2726.3/43

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.029+/-0.120 χ^2/NDF :3111.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.928+/-0.134 χ^2/NDF :1383.1/2

Left: -12.653+/-0.089 χ^2/NDF : 4793.4/7

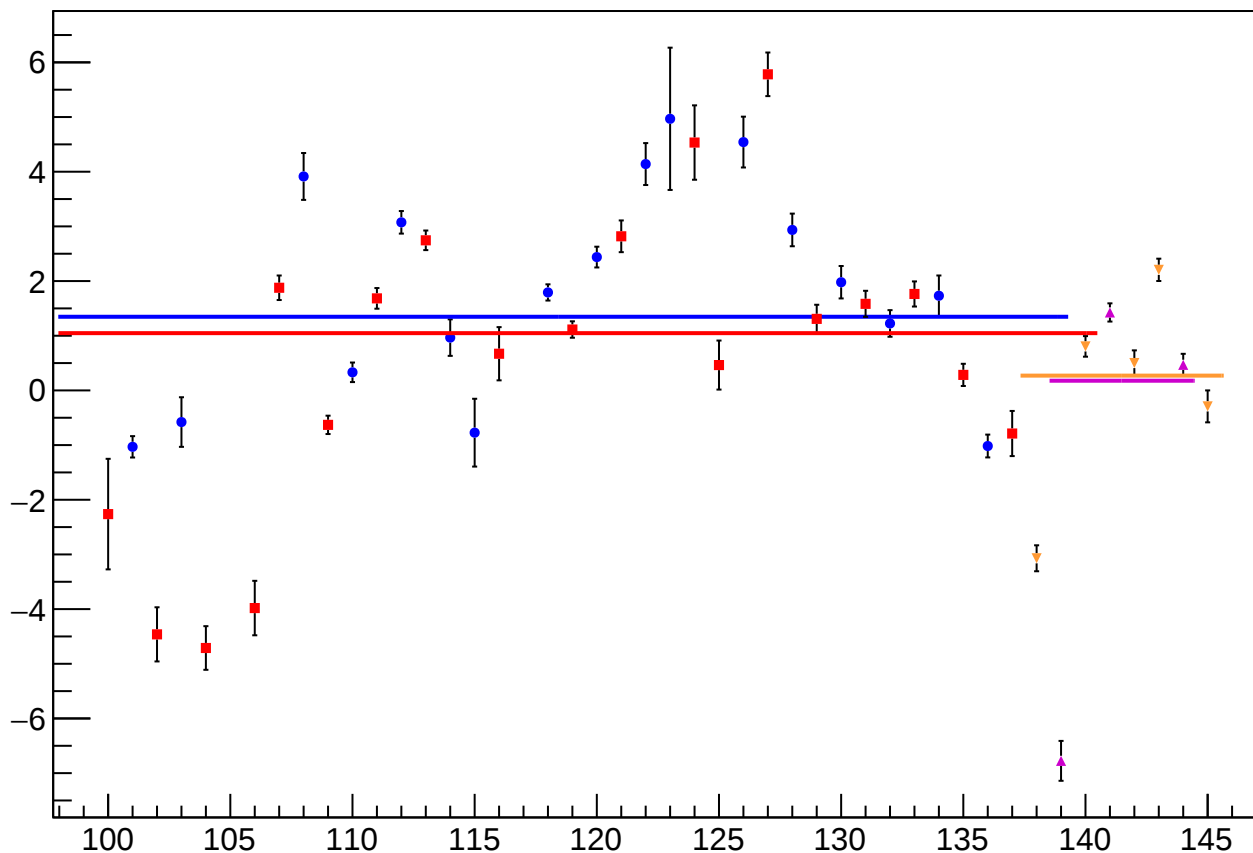
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.928+/-0.134 χ^2/NDF :1383.1/2

Out: -14.029+/-0.120 χ^2/NDF :3111.9/4

All: -12.653+/-0.089 χ^2/NDF : 4793.4/7

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.271 ± 0.100 χ^2/NDF : 300.5/4

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 0.177 ± 0.121 χ^2/NDF : 421.5/2

Left: 0.233 ± 0.077 χ^2/NDF : 722.3/7

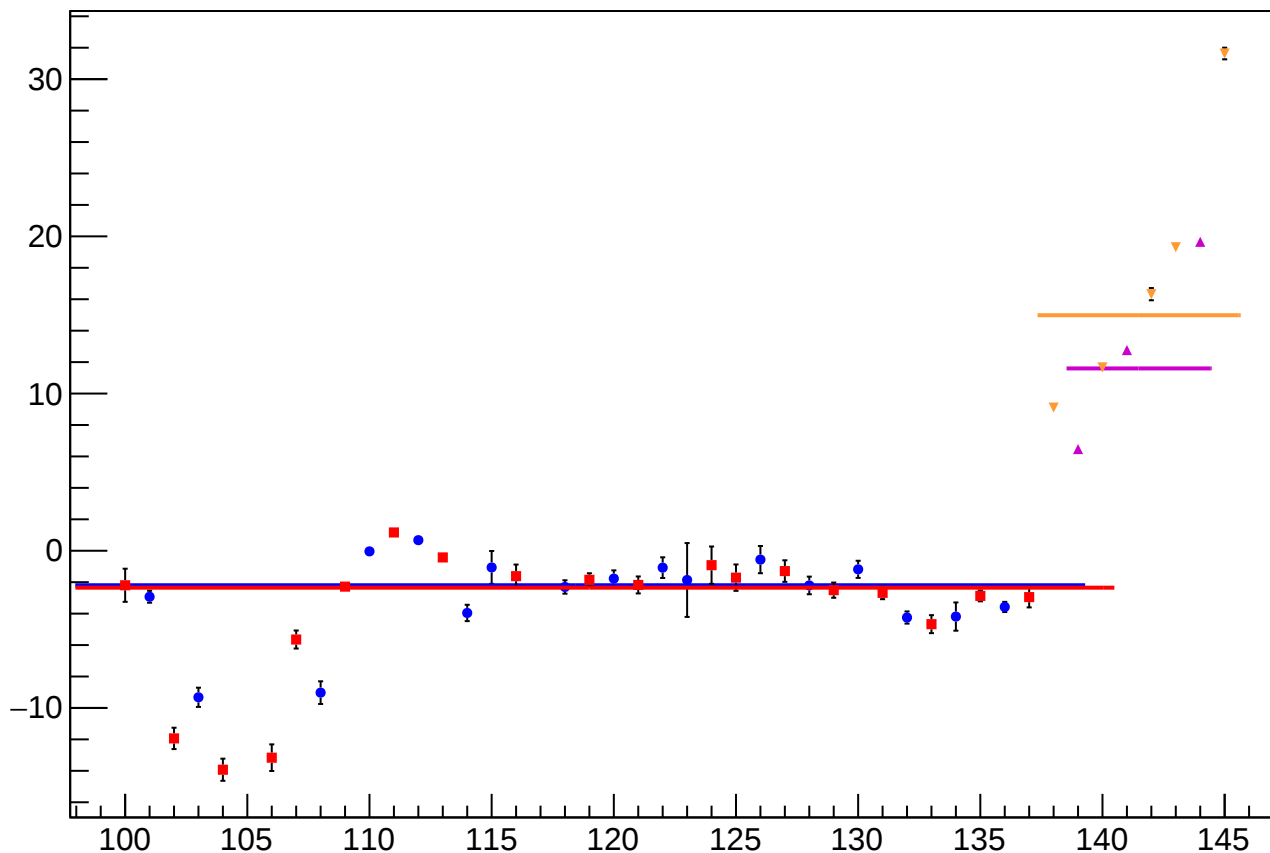
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.102 ± 0.055 χ^2/NDF : 1125.5/19

Out: 0.845 ± 0.051 χ^2/NDF : 1261.4/23

All: 0.963 ± 0.037 χ^2/NDF : 2398.5/43

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 14.983 ± 0.128 $\chi^2/\text{NDF}: 3082.8/4$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 11.598 ± 0.144 $\chi^2/\text{NDF}: 1288.1/2$

Left: 13.483 ± 0.096 $\chi^2/\text{NDF}: 4680.2/7$

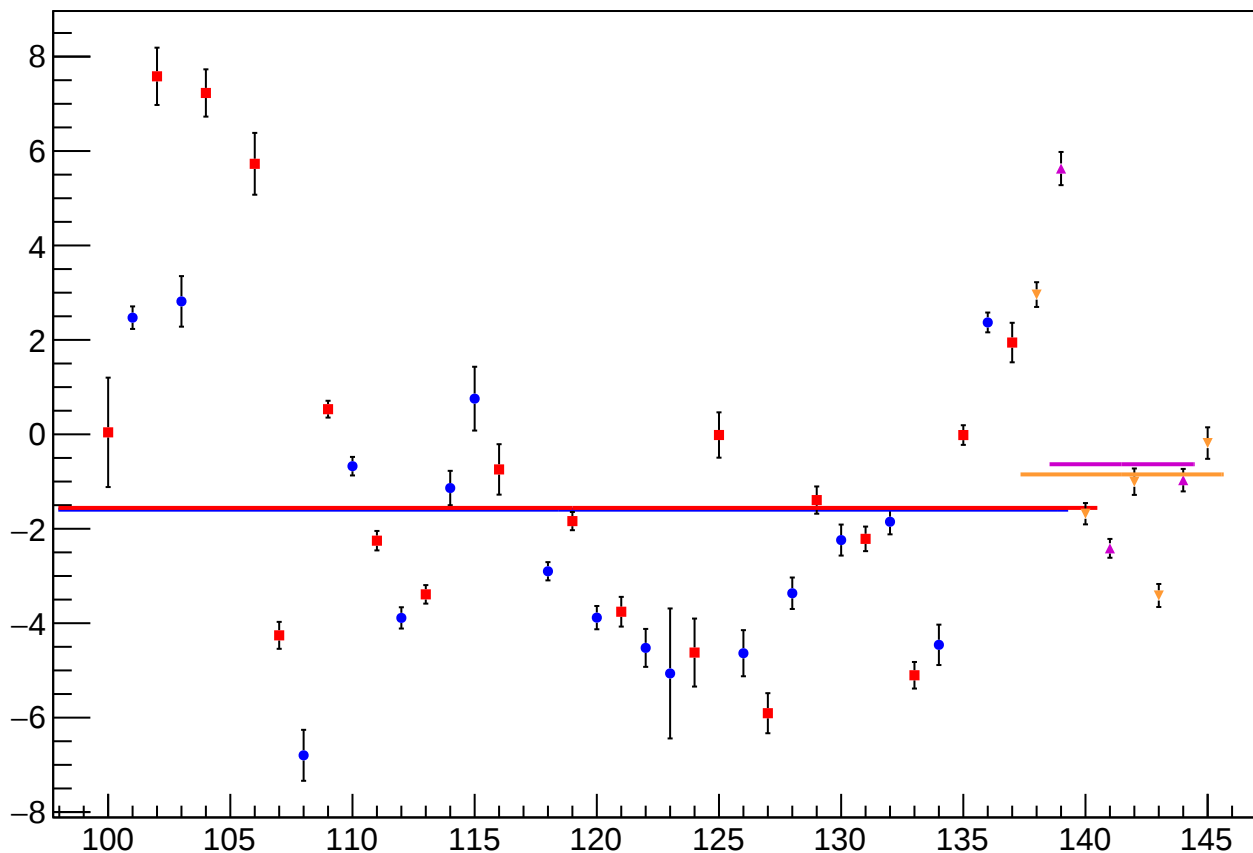
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 3.071 ± 0.089 $\chi^2/\text{NDF}: 7454.0/19$

Out: 4.283 ± 0.079 $\chi^2/\text{NDF}: 15285.6/23$

All: 3.745 ± 0.059 $\chi^2/\text{NDF}: 22843.3/43$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -0.849 ± 0.117 χ^2/NDF : 339.6/4

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -0.633 ± 0.140 χ^2/NDF : 399.1/2

Left: -0.760 ± 0.090 χ^2/NDF : 740.1/7

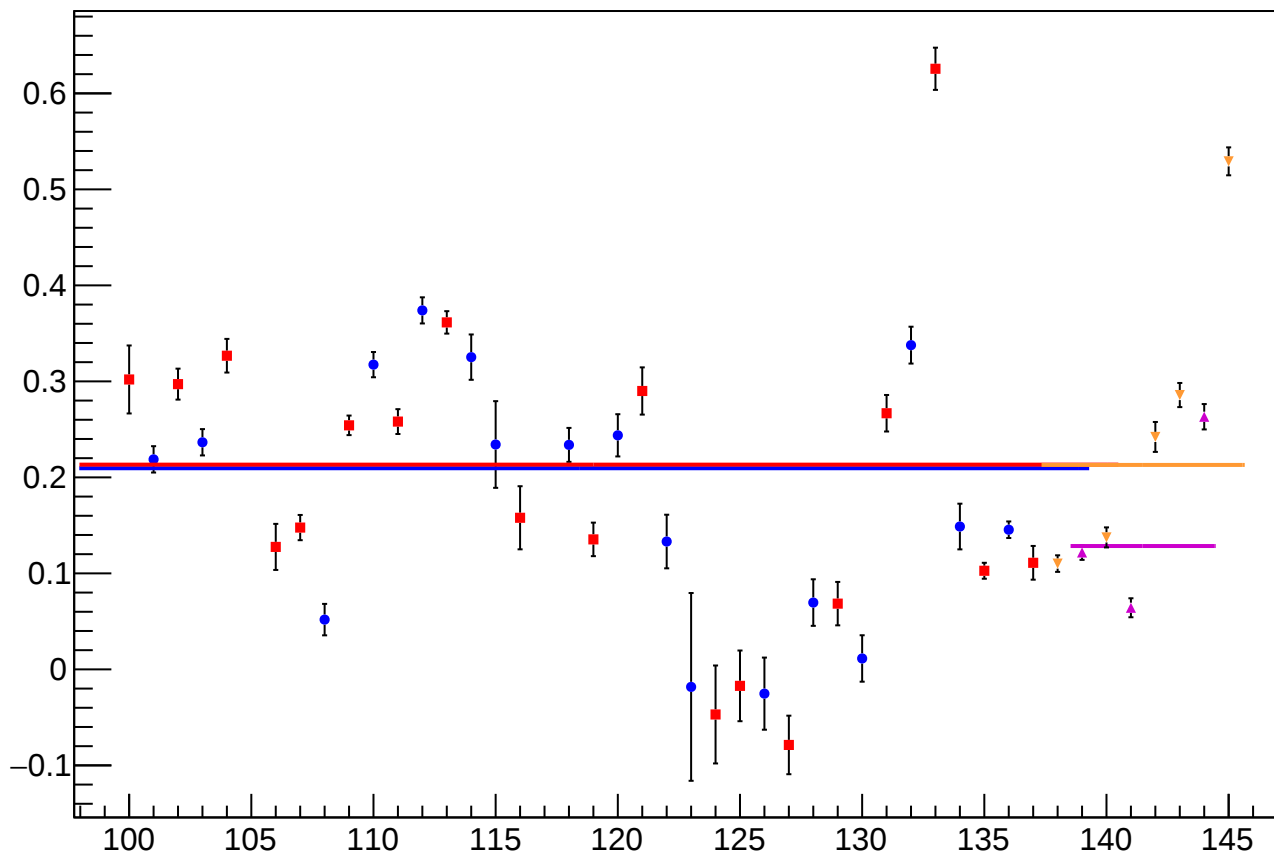
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.396 ± 0.064 χ^2/NDF : 1691.8/19

Out: -1.384 ± 0.058 χ^2/NDF : 1831.0/23

All: -1.390 ± 0.043 χ^2/NDF : 3522.8/43

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.213 ± 0.005 $\chi^2/\text{NDF}: 704.1/4$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1103.2/18$

Left In: 0.128 ± 0.006 $\chi^2/\text{NDF}: 146.9/2$

Left: 0.174 ± 0.004 $\chi^2/\text{NDF}: 976.2/7$

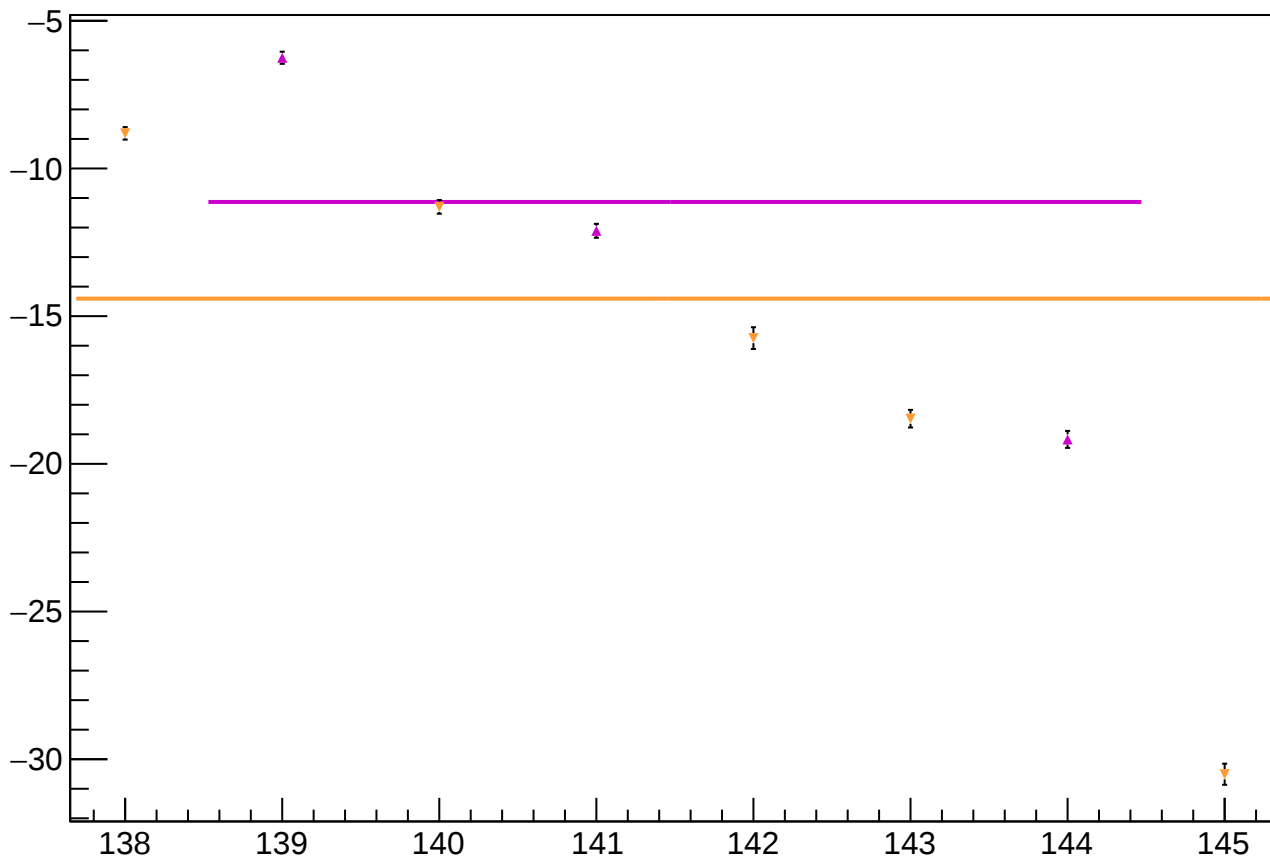
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1701.4/35$

In: 0.180 ± 0.003 $\chi^2/\text{NDF}: 880.8/19$

Out: 0.213 ± 0.003 $\chi^2/\text{NDF}: 1807.3/23$

All: 0.198 ± 0.002 $\chi^2/\text{NDF}: 2742.8/43$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.406+/-0.122 χ^2/NDF :3097.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.133+/-0.137 χ^2/NDF :1358.3/2

Left: -12.953+/-0.091 χ^2/NDF : 4775.0/7

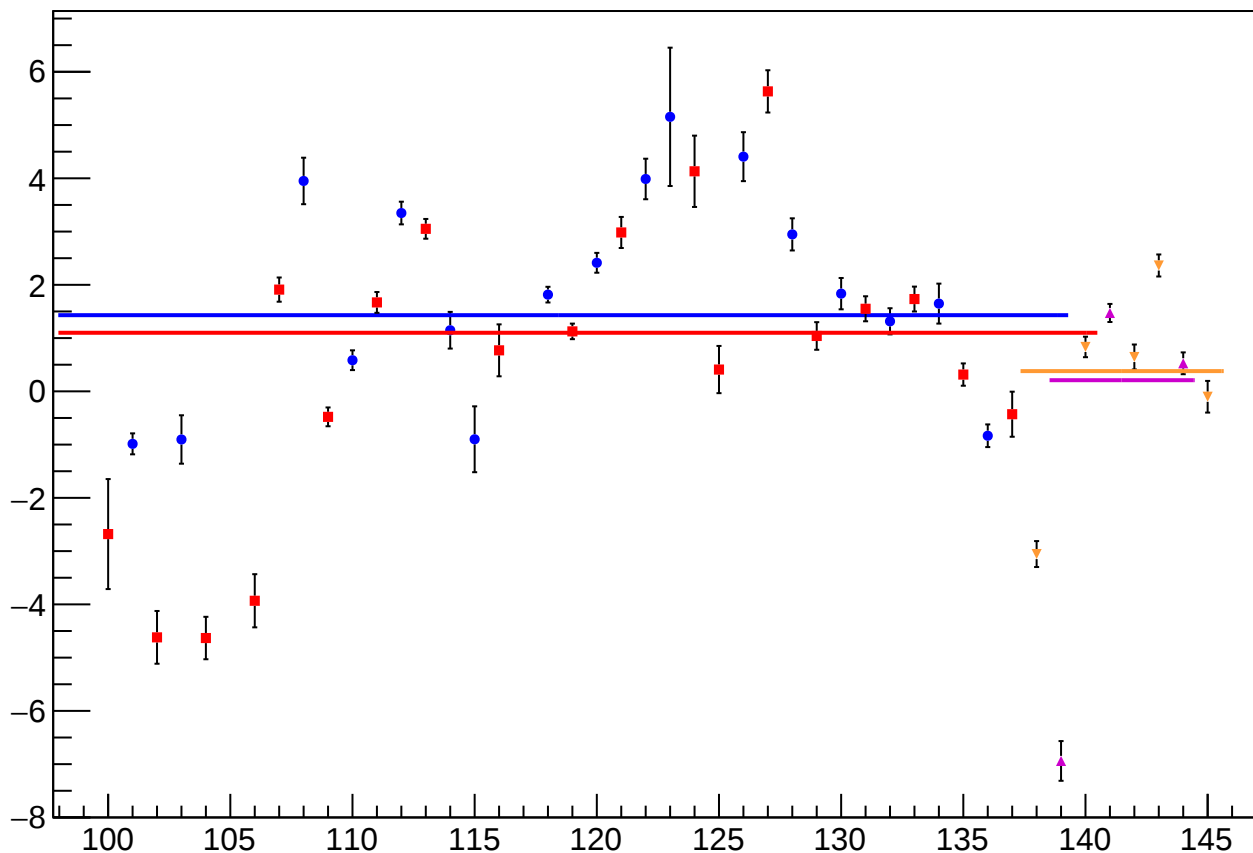
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.133+/-0.137 χ^2/NDF :1358.3/2

Out: -14.406+/-0.122 χ^2/NDF :3097.7/4

All: -12.953+/-0.091 χ^2/NDF : 4775.0/7

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 0.380 $\pm$ 0.102 χ^2 /NDF:300.3/4

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 0.209 $\pm$ 0.123 χ^2 /NDF:425.2/2

Left: 0.311 $\pm$ 0.078 χ^2 /NDF: 726.6/7

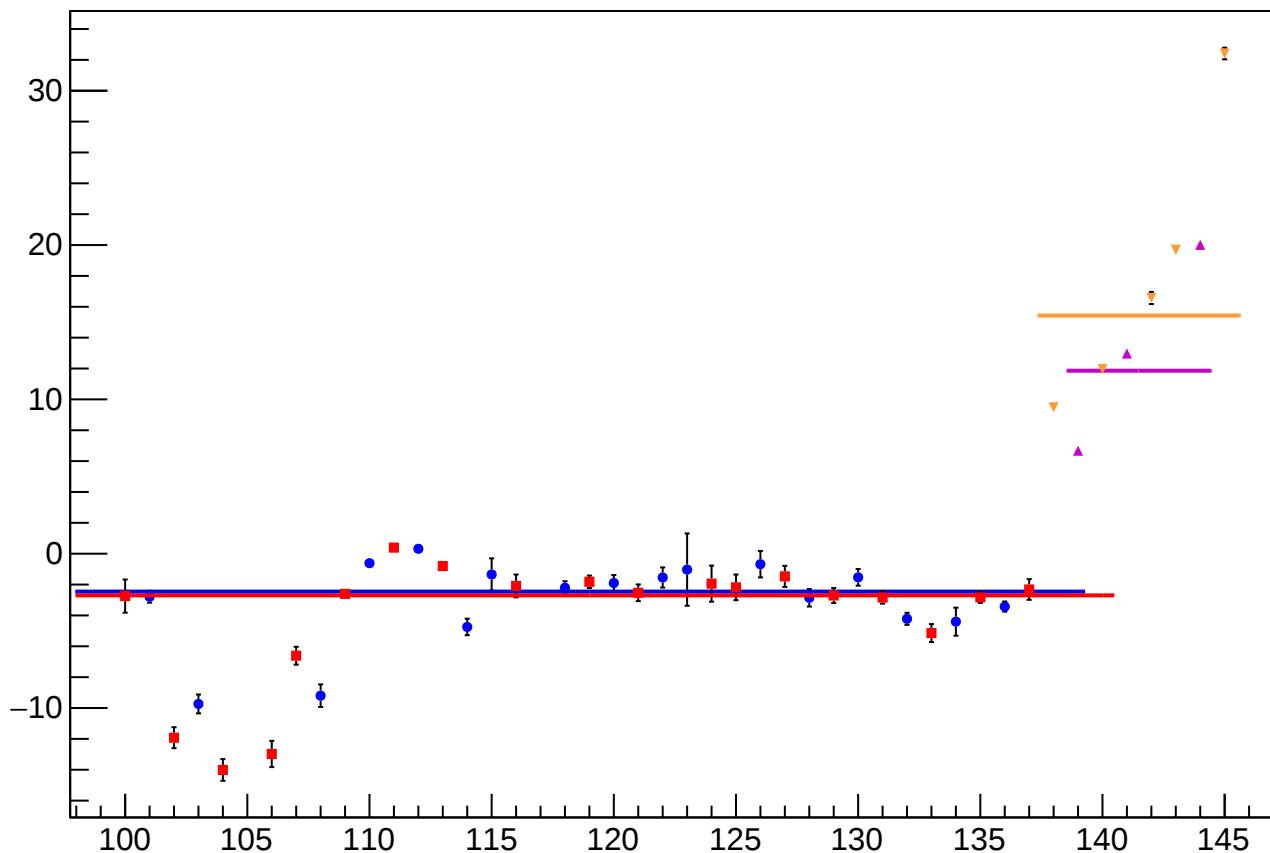
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.179 $\pm$ 0.056 χ^2 /NDF:1101.1/19

Out: 0.914 $\pm$ 0.052 χ^2 /NDF:1238.5/23

All: 1.036 $\pm$ 0.038 χ^2 /NDF: 2351.6/43

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456+/-0.115 χ^2/NDF : 419.1/16

Left Out: 15.432+/-0.131 χ^2/NDF :3068.0/4

Right Out: -2.700+/-0.103 χ^2/NDF : 829.7/18

Left In: 11.857+/-0.147 χ^2/NDF :1263.4/2

Left: 13.846+/-0.098 χ^2/NDF : 4662.5/7

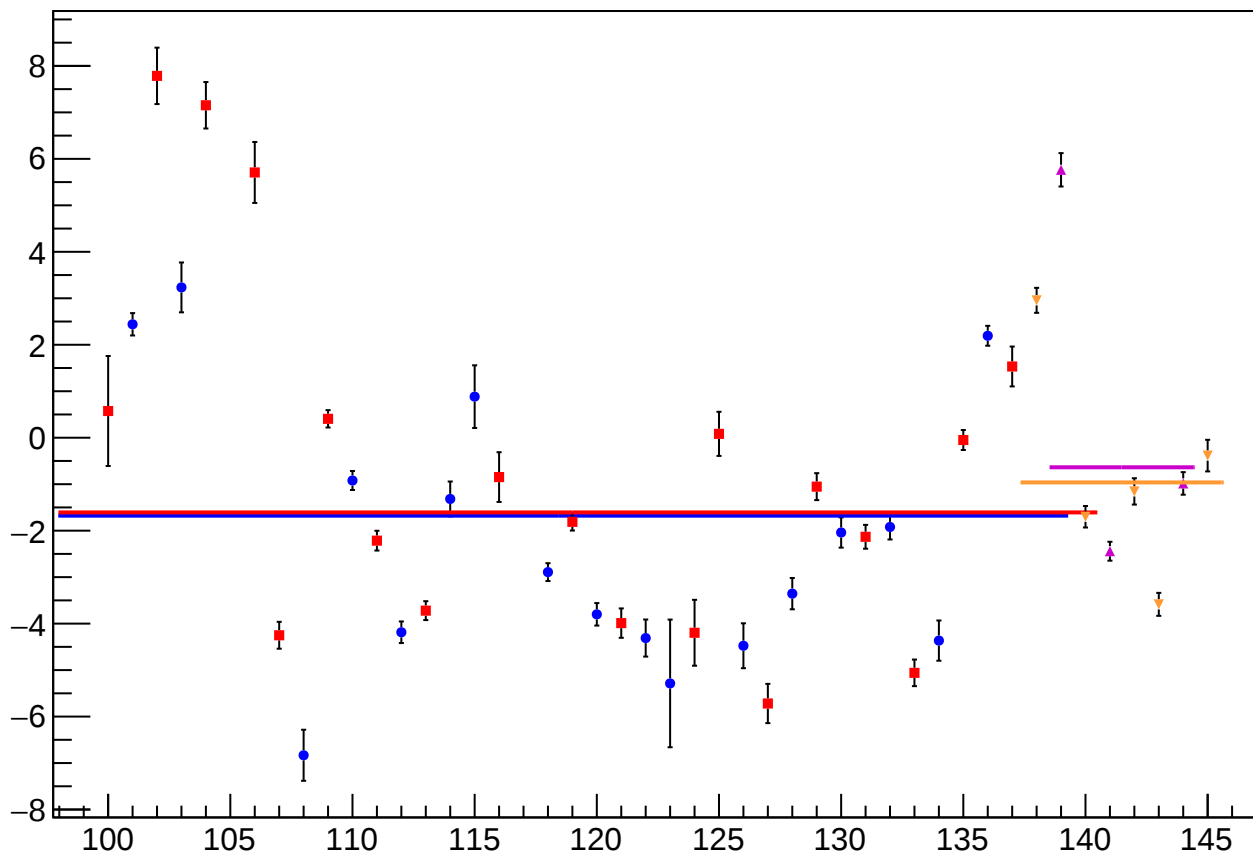
Right: -2.591+/-0.077 χ^2/NDF : 1251.4/35

In: 2.972+/-0.090 χ^2/NDF :7602.6/19

Out: 4.242+/-0.081 χ^2/NDF :15743.1/23

All: 3.676+/-0.060 χ^2/NDF : 23455.3/43

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: -0.962 ± 0.119 $\chi^2/\text{NDF}: 338.4/4$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -0.636 ± 0.143 $\chi^2/\text{NDF}: 398.3/2$

Left: -0.828 ± 0.092 $\chi^2/\text{NDF}: 739.7/7$

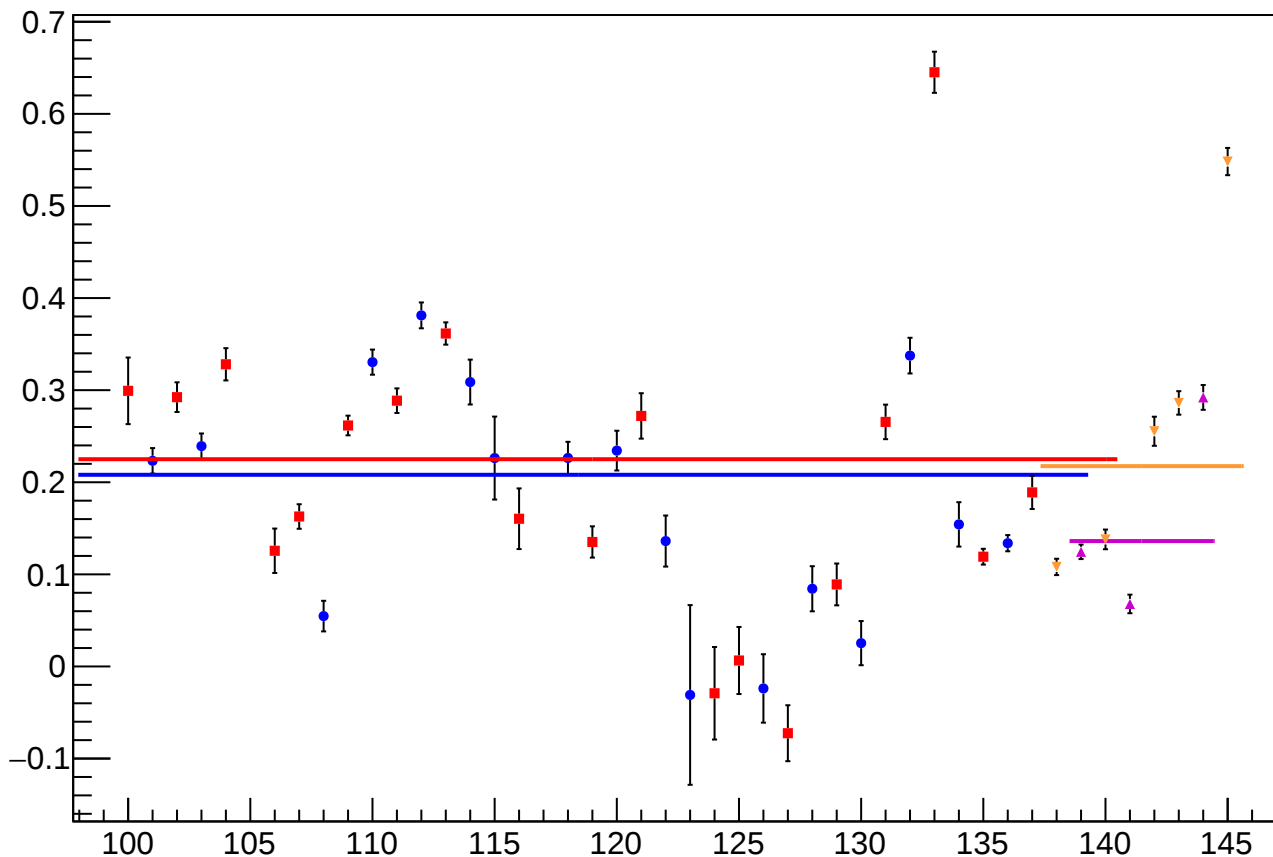
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.464 ± 0.065 $\chi^2/\text{NDF}: 1645.2/19$

Out: -1.450 ± 0.059 $\chi^2/\text{NDF}: 1791.2/23$

All: -1.457 ± 0.044 $\chi^2/\text{NDF}: 3436.4/43$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.218 $\pm$ 0.005 χ^2 /NDF: 742.0/4

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.136 $\pm$ 0.006 χ^2 /NDF: 182.4/2

Left: 0.180 $\pm$ 0.004 χ^2 /NDF: 1035.8/7

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.182 $\pm$ 0.003 χ^2 /NDF: 886.3/19

Out: 0.222 $\pm$ 0.003 χ^2 /NDF: 1743.4/23

All: 0.204 $\pm$ 0.002 χ^2 /NDF: 2707.3/43