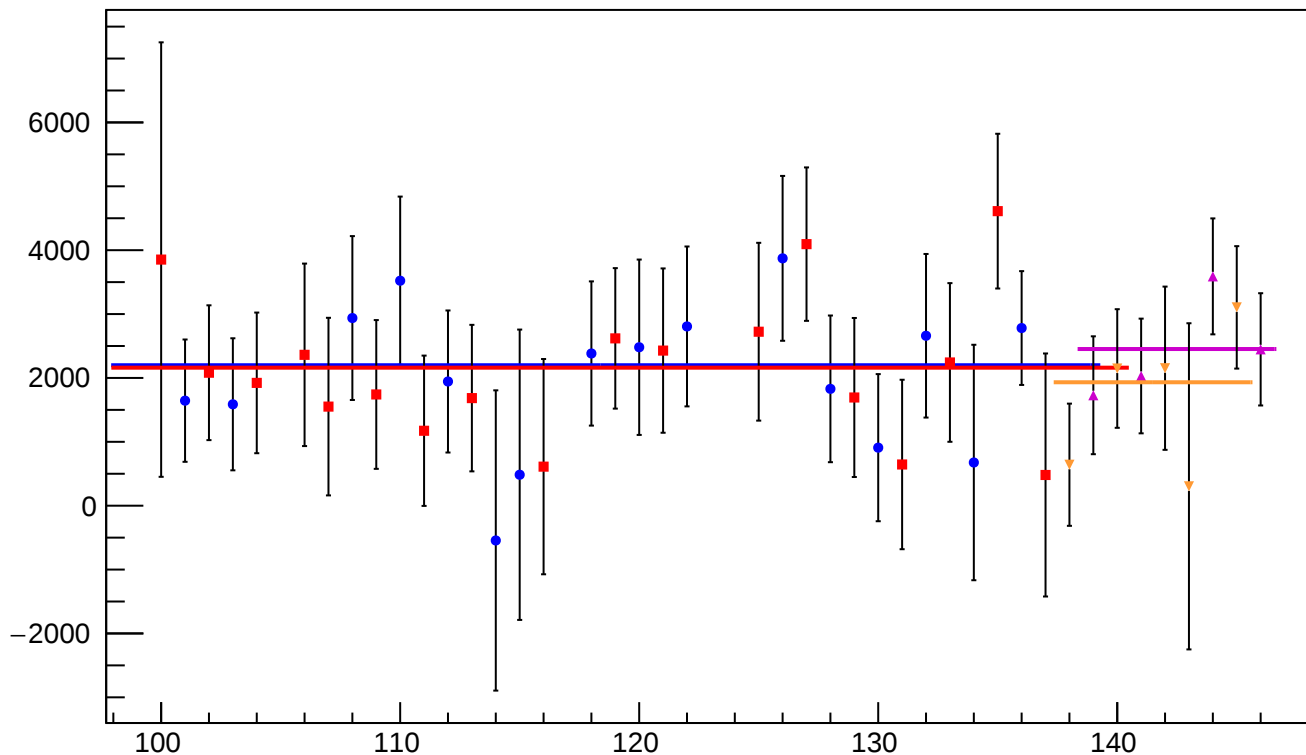


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1932.270+/-493.423

Right Out: 2160.742+/-303.587

Left In: 2452.726+/-450.656

χ^2/NDF : 8.6/15

χ^2/NDF : 3.8/4

χ^2/NDF : 11.7/17

χ^2/NDF : 2.4/3

Left: 2216.026+/-332.756

Right: 2179.612+/-215.784

In: 2279.259+/-253.590

Out: 2098.003+/-258.566

All: 2190.392+/-181.049

χ^2/NDF : 6.8/8

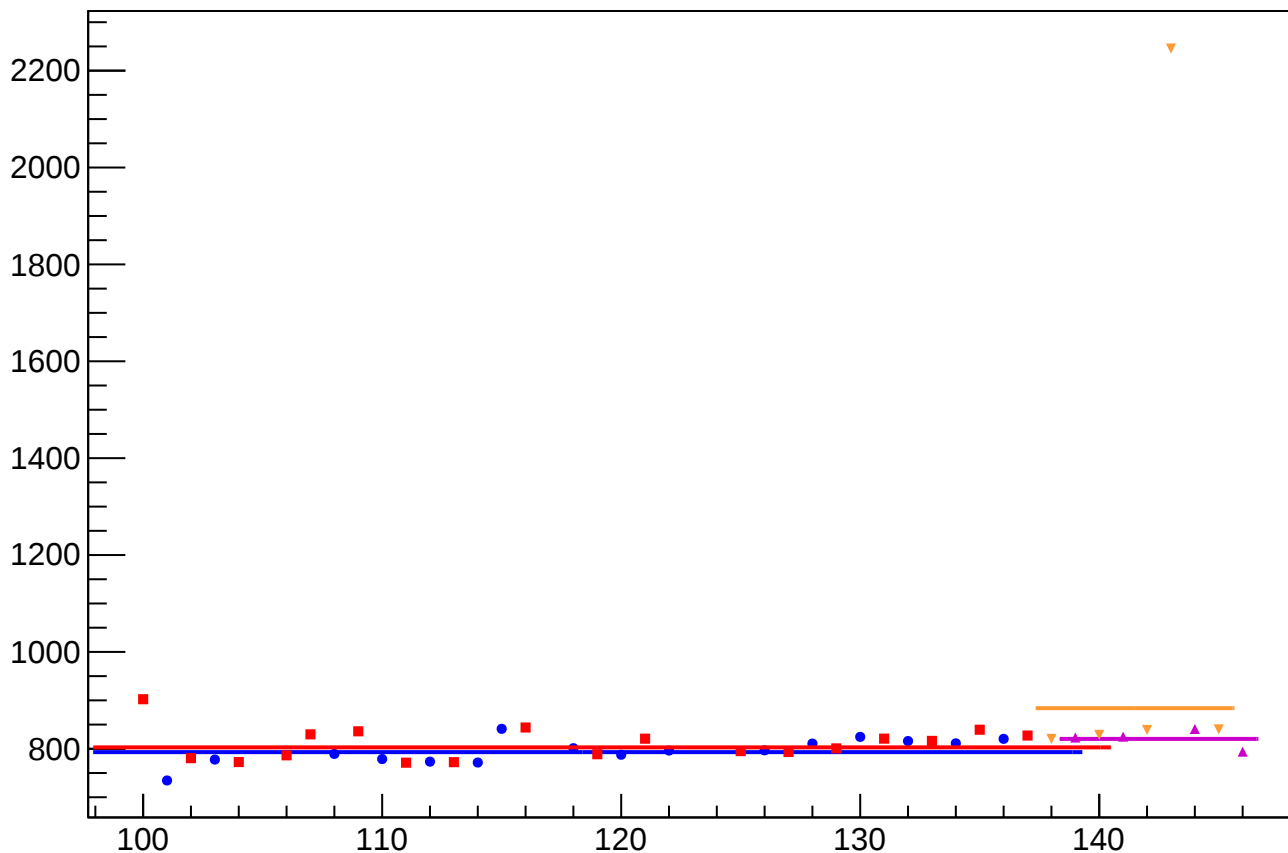
χ^2/NDF : 20.3/33

χ^2/NDF : 11.2/19

χ^2/NDF : 15.6/22

χ^2/NDF : 27.1/42

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 802.946 $\pm$ 0.215 χ^2 /NDF: 14445.6/17

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

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

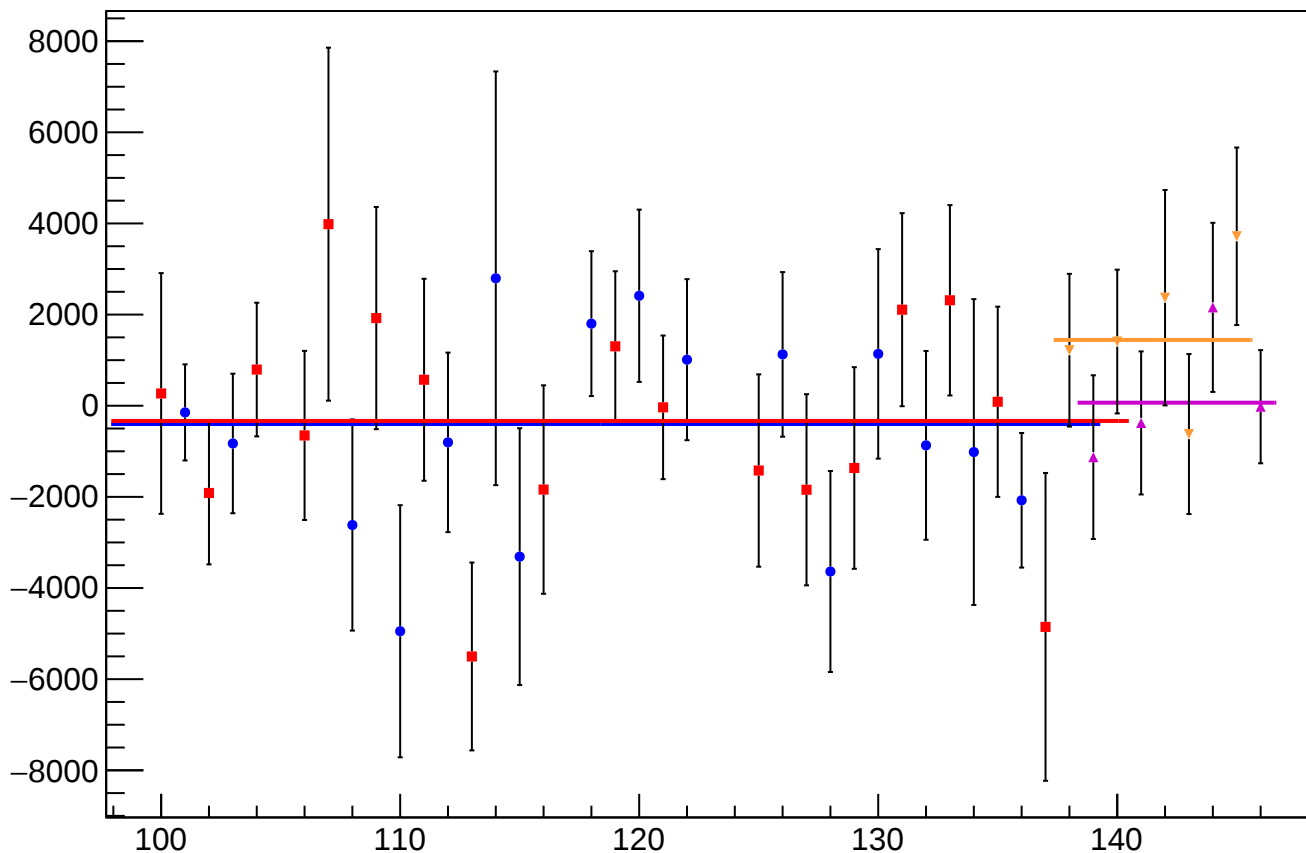
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

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

Out: 825.182 $\pm$ 0.183 χ^2 /NDF: 645056.1/22

All: 813.236 $\pm$ 0.128 χ^2 /NDF: 676051.7/42

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 ± 468.669 $\chi^2/\text{NDF}: 14.8/15$

Left Out: 1444.154 ± 809.644 $\chi^2/\text{NDF}: 2.9/4$

Right Out: -333.998 ± 478.476 $\chi^2/\text{NDF}: 17.5/17$

Left In: 66.804 ± 777.479 $\chi^2/\text{NDF}: 1.8/3$

Left: 727.576 ± 560.787 $\chi^2/\text{NDF}: 6.2/8$

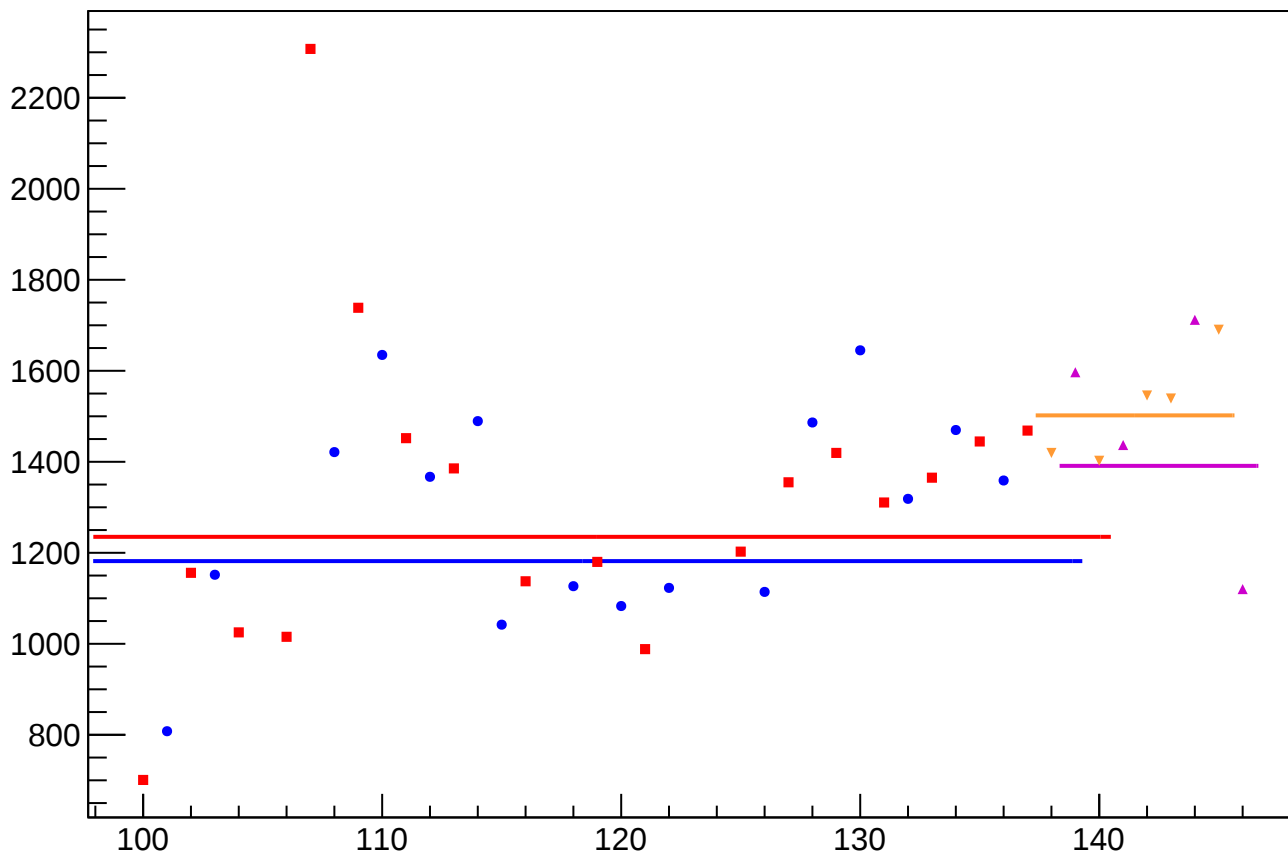
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: -276.659 ± 401.383 $\chi^2/\text{NDF}: 16.9/19$

Out: 126.268 ± 411.922 $\chi^2/\text{NDF}: 24.0/22$

All: -80.416 ± 287.474 $\chi^2/\text{NDF}: 41.3/42$

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: 1391.083+/-0.550 χ^2/NDF : 182888.2/3

Left: 1444.301+/-0.397 χ^2/NDF : 235530.8/8

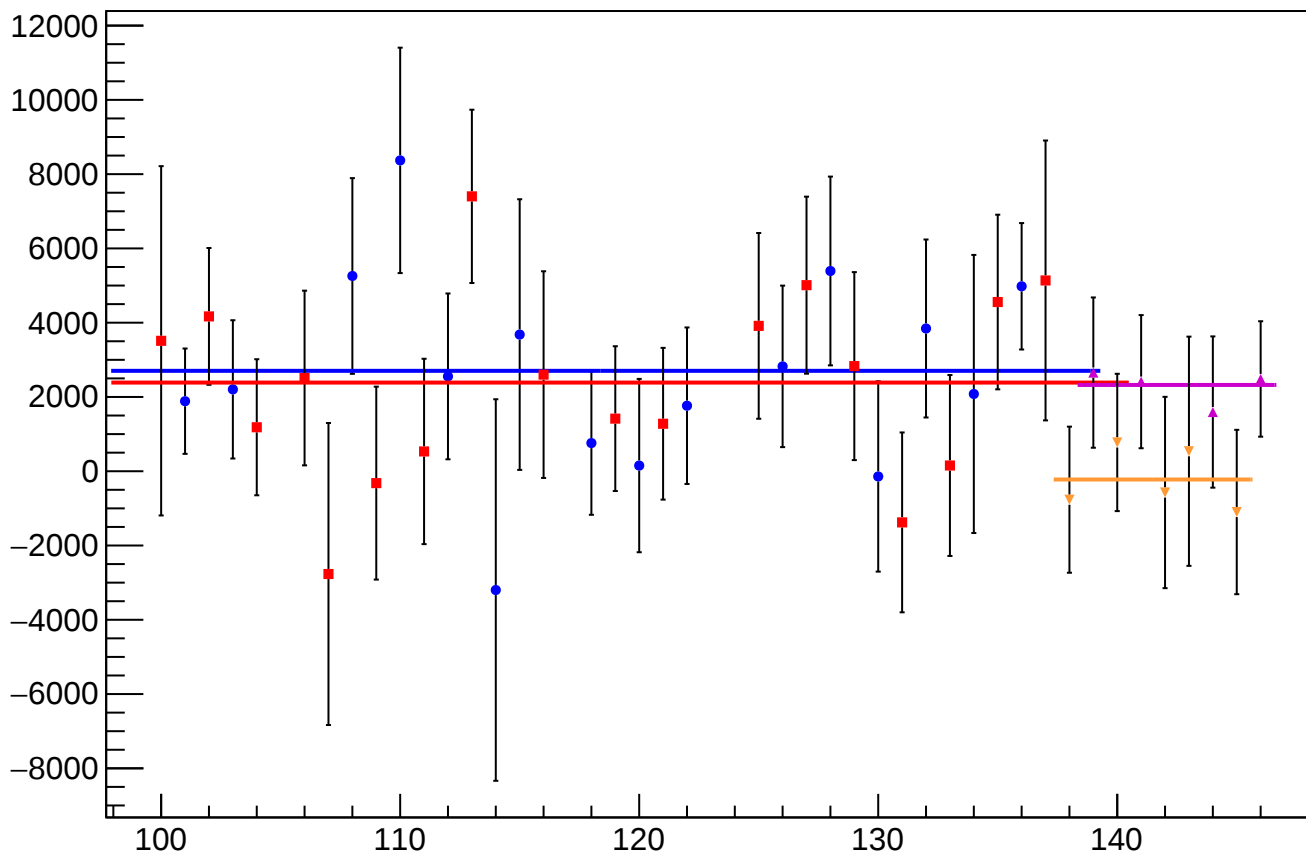
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1237.555+/-0.284 χ^2/NDF : 832708.5/19

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

All: 1270.007+/-0.203 χ^2/NDF : 1594019.3/42

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: 2323.289+/-908.917 χ^2/NDF : 0.2/3

Left: 1164.610+/-670.946 χ^2/NDF : 4.3/8

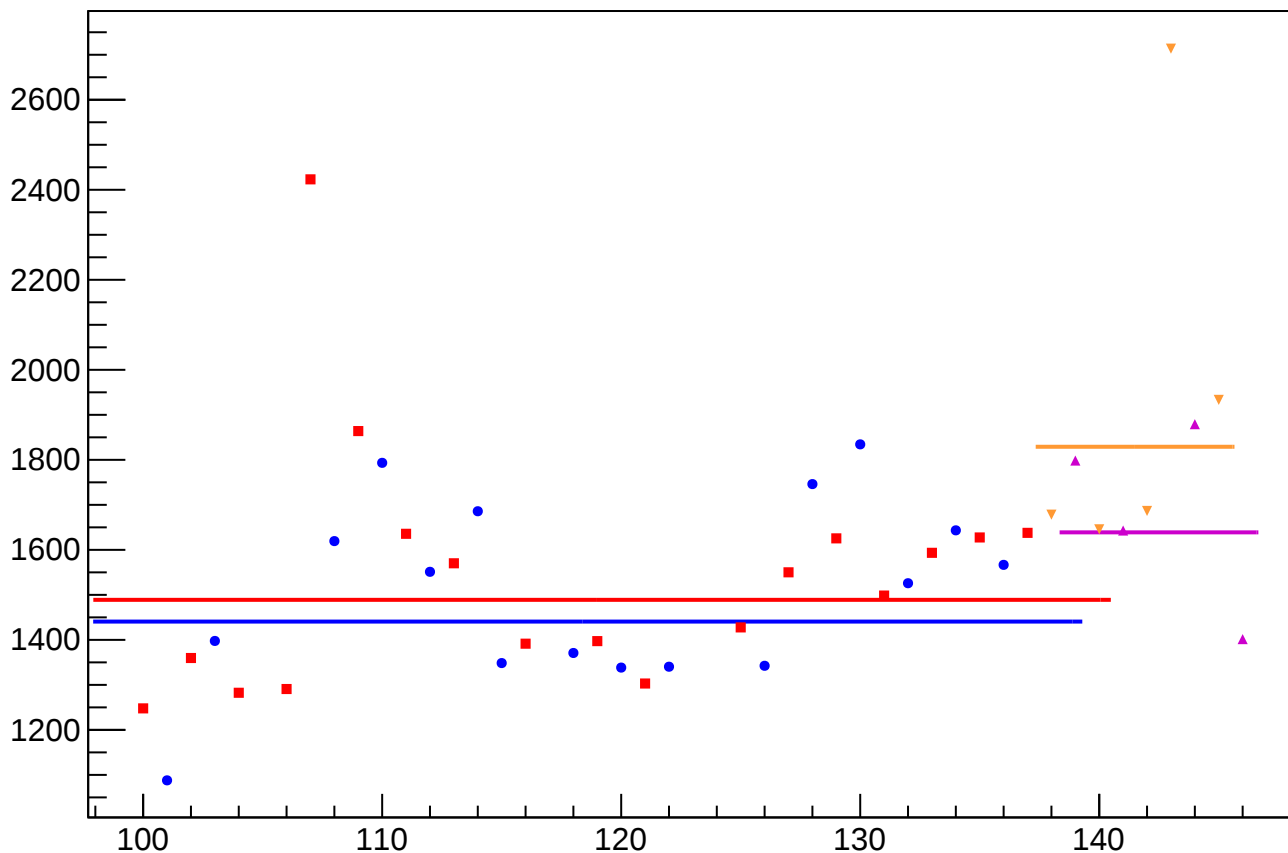
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

In: 2597.801+/-479.544 χ^2/NDF : 13.3/19

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

All: 2183.270+/-344.106 χ^2/NDF : 36.8/42

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

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

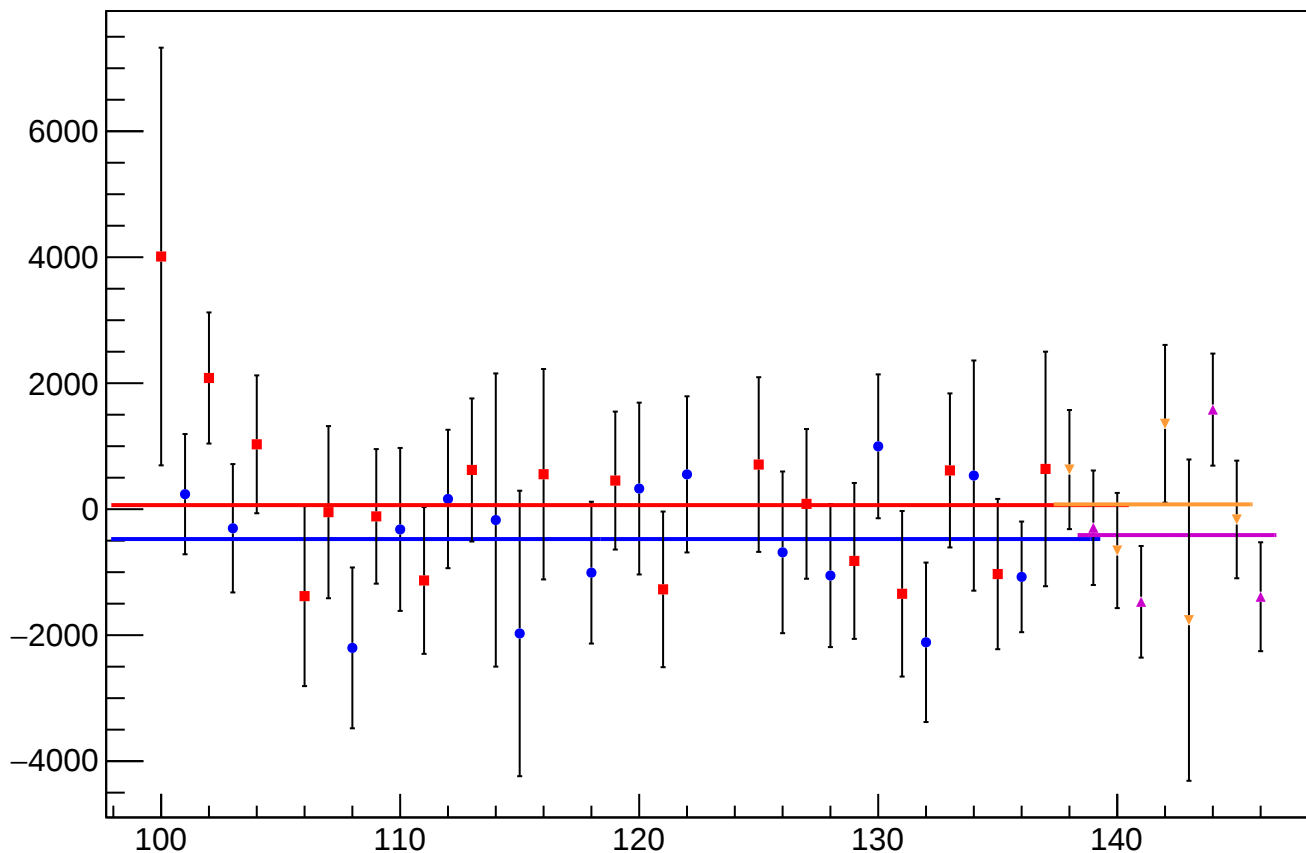
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

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

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

All: 1533.201 $\pm$ 0.243 χ^2/NDF : 1102131.4/42

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: -411.124+/-443.377 χ^2/NDF : 7.7/3

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

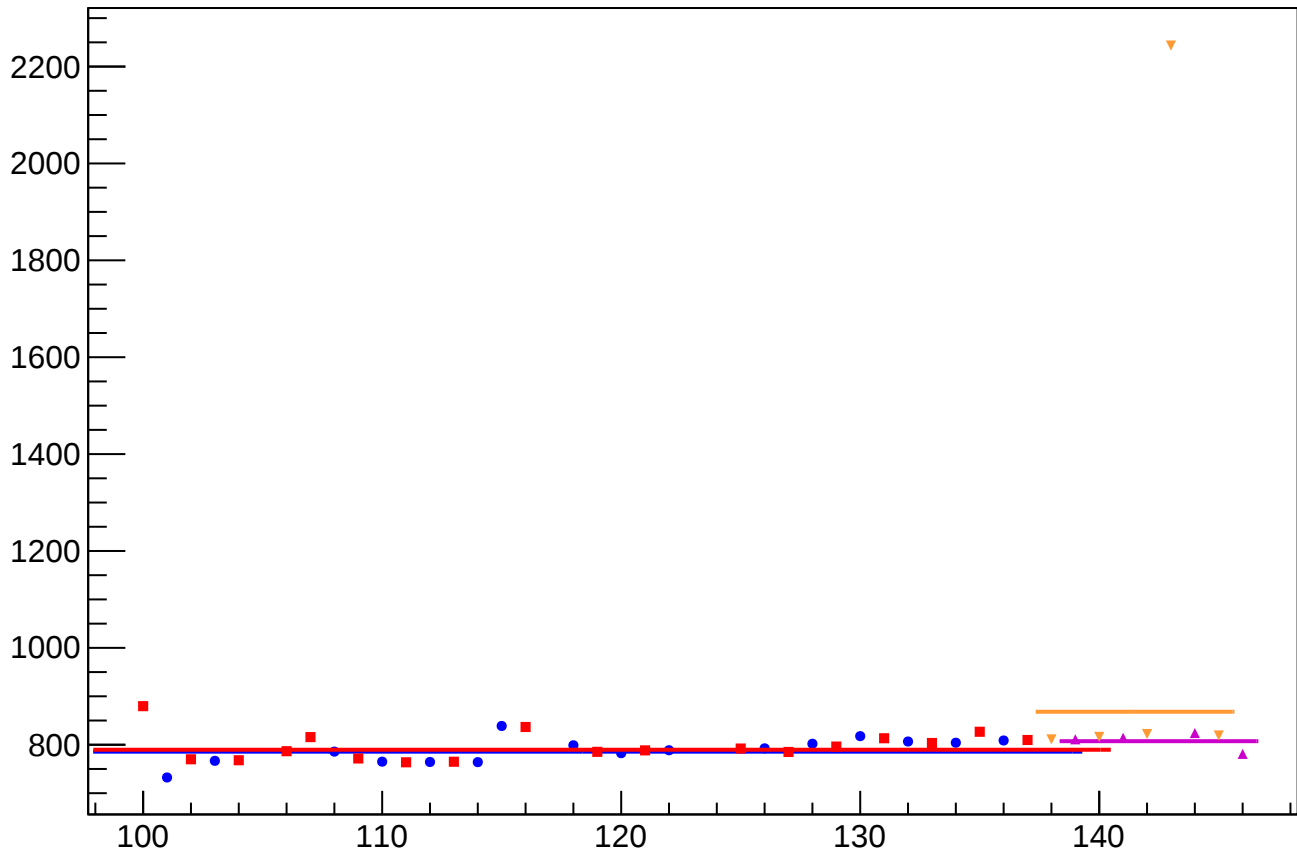
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

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

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

All: -196.591+/-178.465 χ^2/NDF : 34.1/42

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746+/-0.215 χ^2/NDF : 13921.5/15

Left Out: 868.127+/-0.343 χ^2/NDF : 603421.9/4

Right Out: 789.675+/-0.211 χ^2/NDF : 11010.0/17

Left In: 807.346+/-0.314 χ^2/NDF : 2713.3/3

Left: 835.022+/-0.231 χ^2/NDF : 623249.4/8

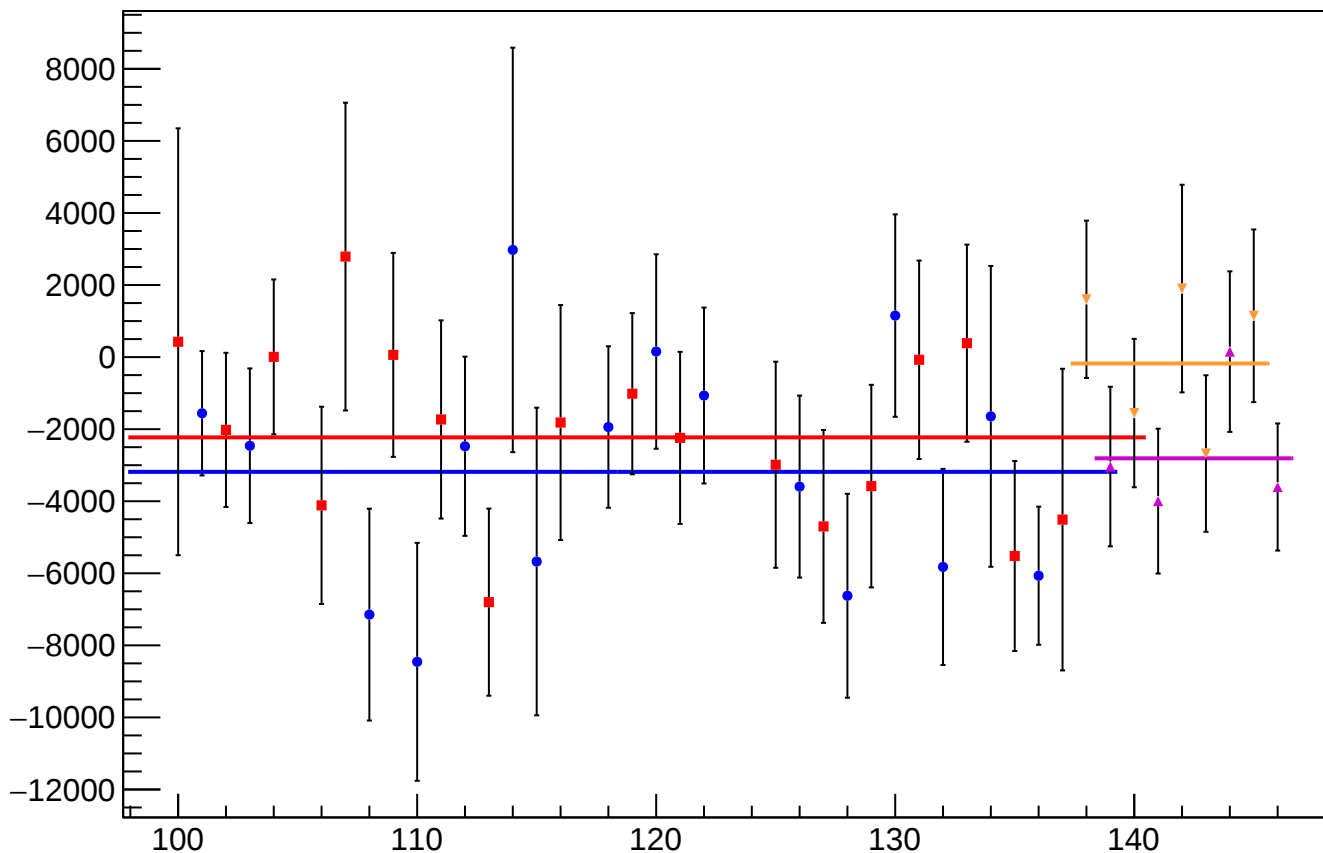
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 792.650+/-0.177 χ^2/NDF : 19864.2/19

Out: 811.223+/-0.180 χ^2/NDF : 652402.4/22

All: 801.809+/-0.126 χ^2/NDF : 677680.6/42

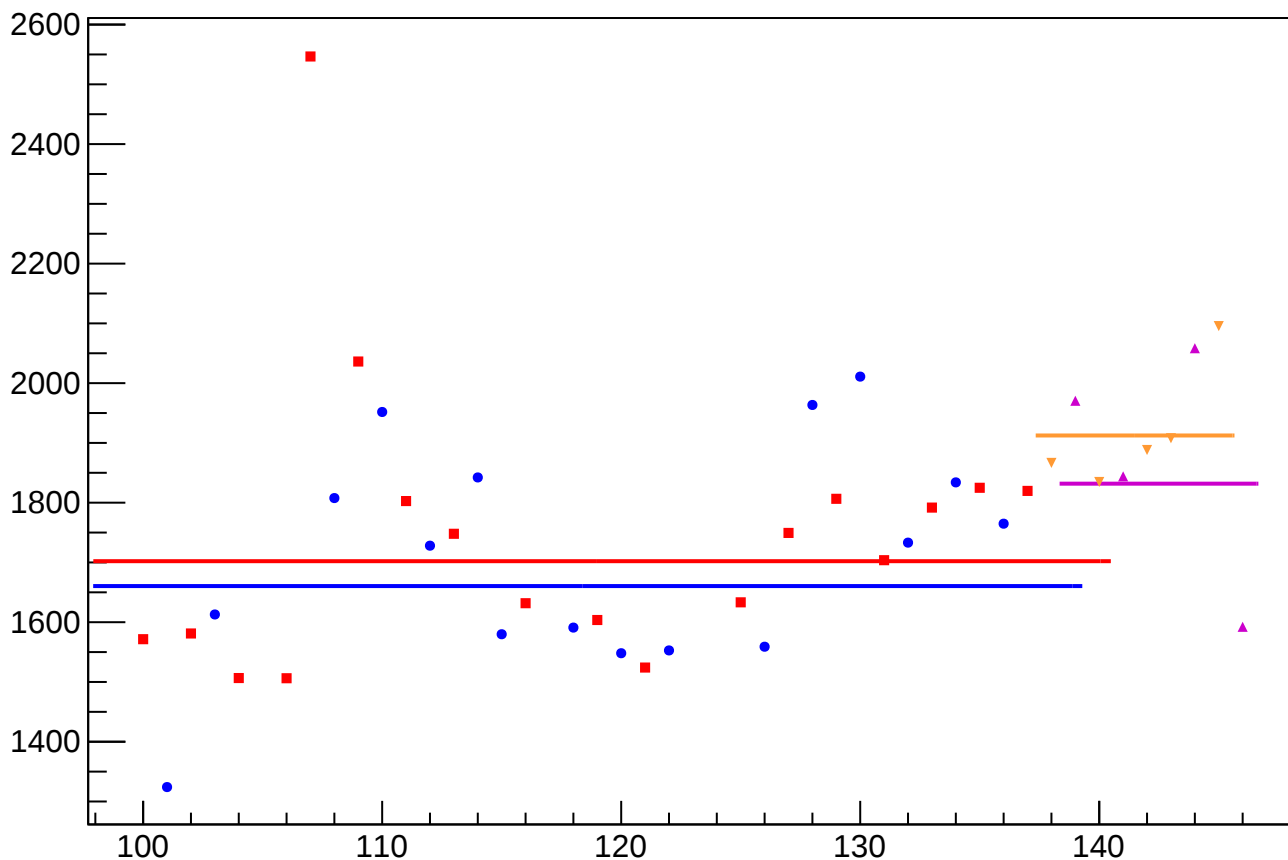
asym_us_dd_correction_mean vs Slug, Sign Corrected



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: -2809.162 ± 1012.957 $\chi^2/\text{NDF}: 2.3/3$

Left: -1508.269 ± 720.420 $\chi^2/\text{NDF}: 8.9/8$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -3075.673 ± 545.481 $\chi^2/\text{NDF}: 19.2/19$
 Out: -1642.129 ± 547.721 $\chi^2/\text{NDF}: 17.9/22$
 All: -2361.837 ± 386.503 $\chi^2/\text{NDF}: 40.6/42$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1912.432 $\pm$ 0.725 χ^2 /NDF:15556.3/4

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

Left In: 1831.806 $\pm$ 0.716 χ^2 /NDF:65503.1/3

Left: 1871.650 $\pm$ 0.509 χ^2 /NDF: 87321.1/8

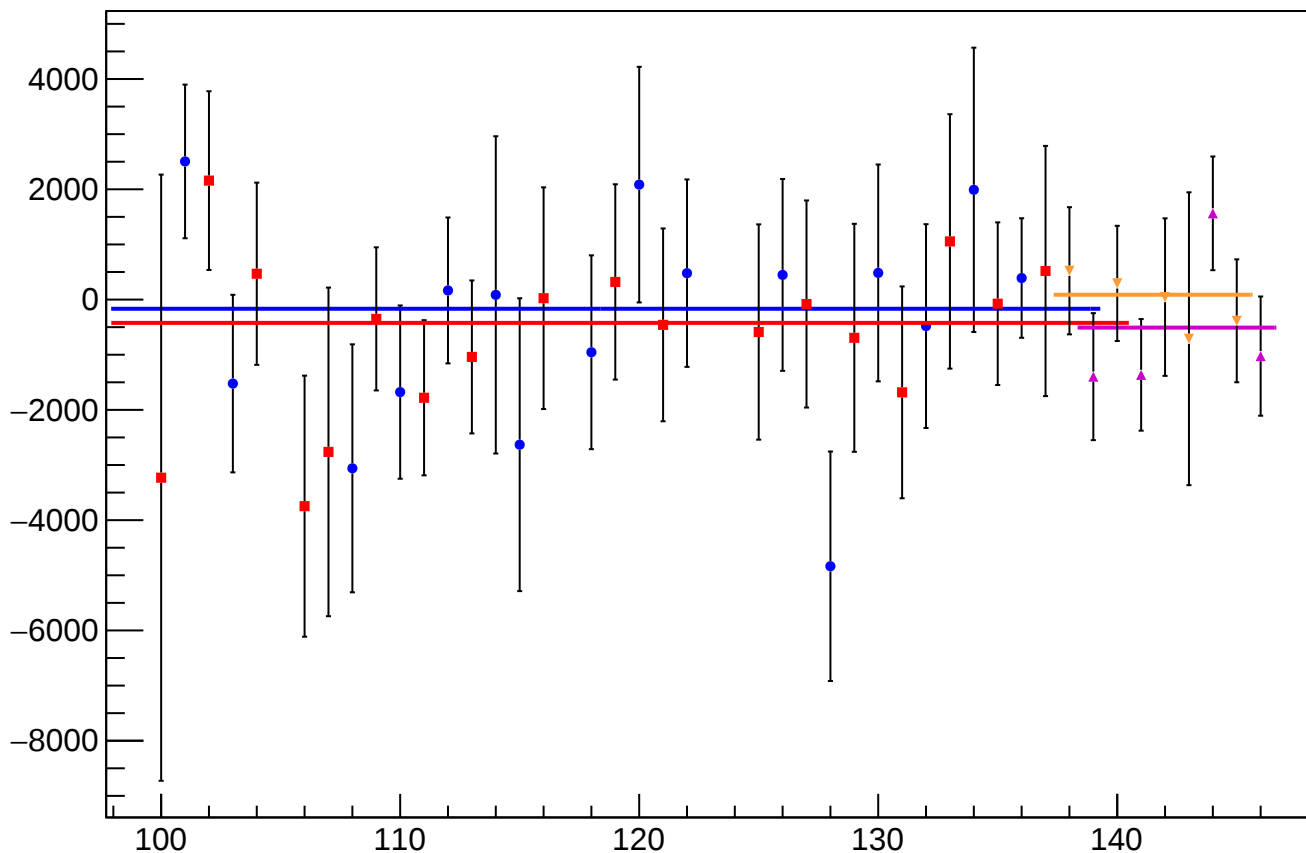
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1710.149 $\pm$ 0.386 χ^2 /NDF:285339.7/19

Out: 1762.180 $\pm$ 0.387 χ^2 /NDF:247748.0/22

All: 1736.058 $\pm$ 0.273 χ^2 /NDF: 542149.0/42

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: -508.287 ± 532.453 $\chi^2/\text{NDF}: 5.6/3$

Left: -229.080 ± 388.301 $\chi^2/\text{NDF}: 6.6/8$

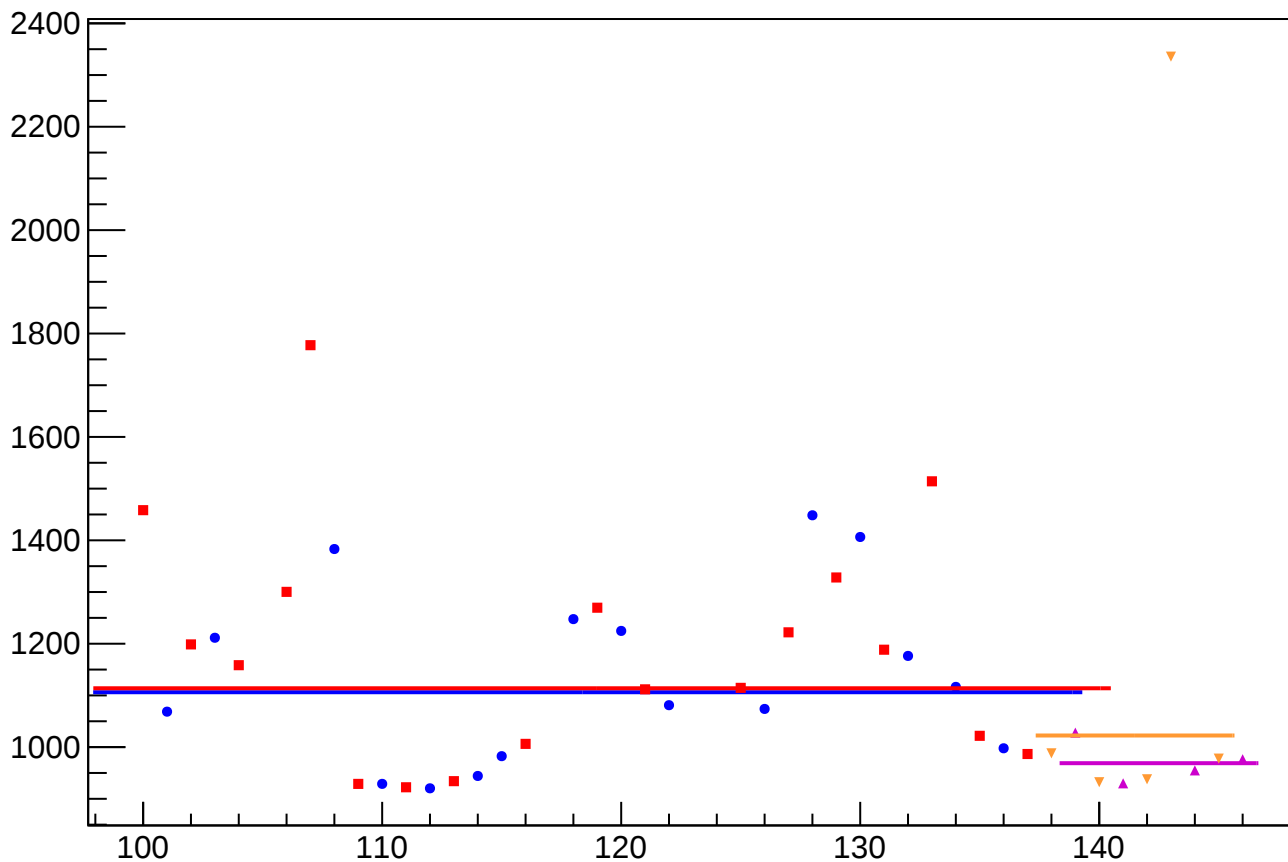
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -302.349 ± 335.790 $\chi^2/\text{NDF}: 21.5/19$

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

All: -270.537 ± 239.387 $\chi^2/\text{NDF}: 30.6/42$

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: 968.914+/-0.377 χ^2/NDF : 8699.1/3

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

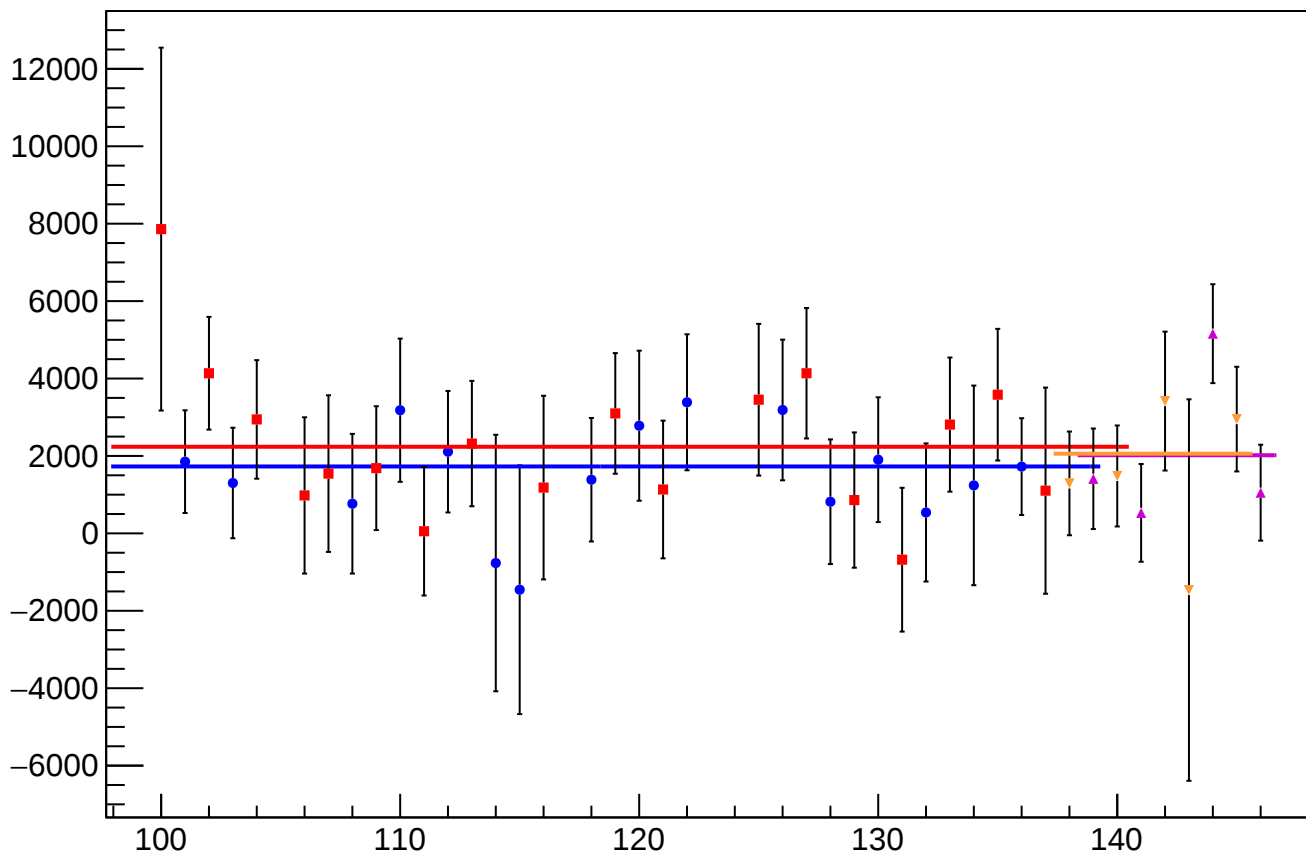
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

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

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

All: 1065.929+/-0.169 χ^2/NDF : 1269551.3/42

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

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

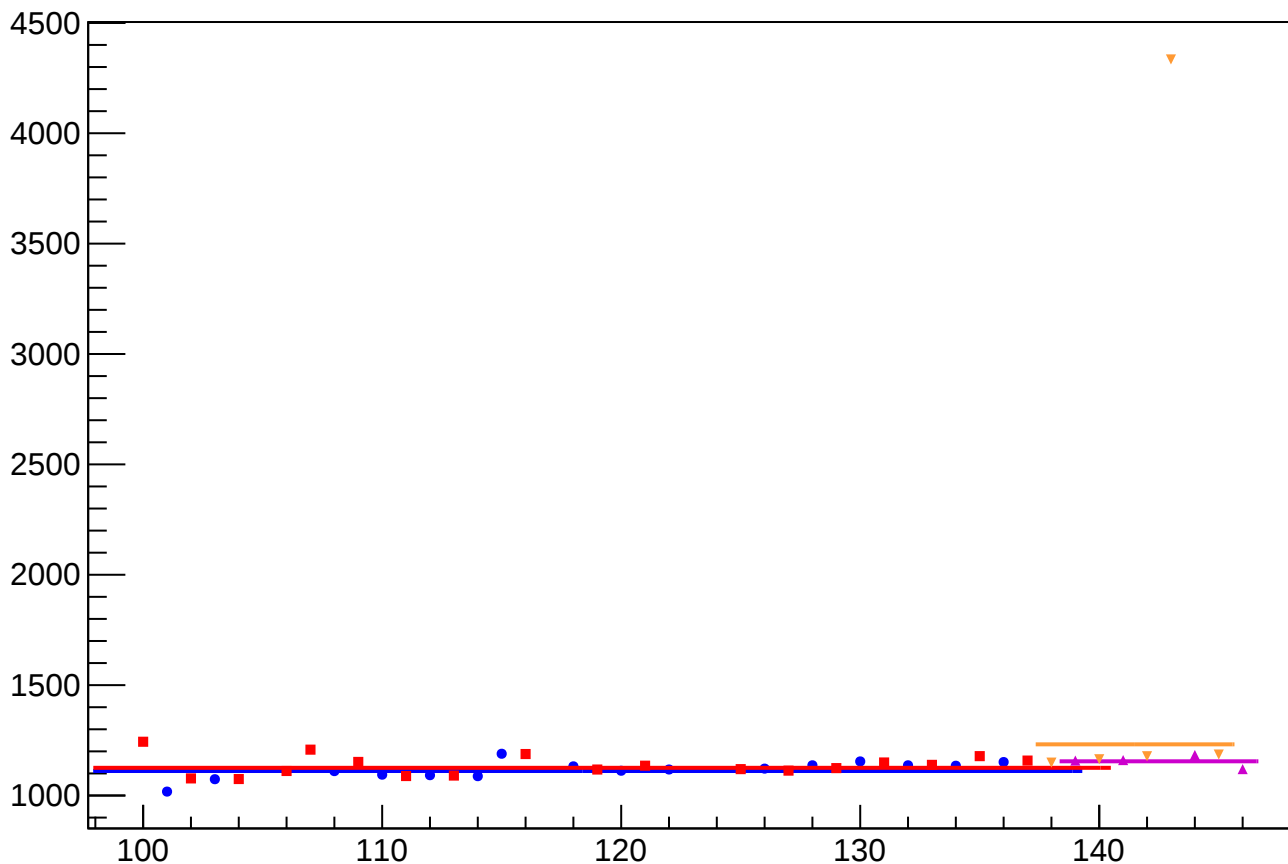
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

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

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

All: 2000.520 $\pm$ 254.279 χ^2 /NDF: 28.6/42

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: 1154.986 $\pm$ 0.449 χ^2 /NDF: 2685.1/3

Left: 1189.659 $\pm$ 0.332 χ^2 /NDF: 825839.5/8

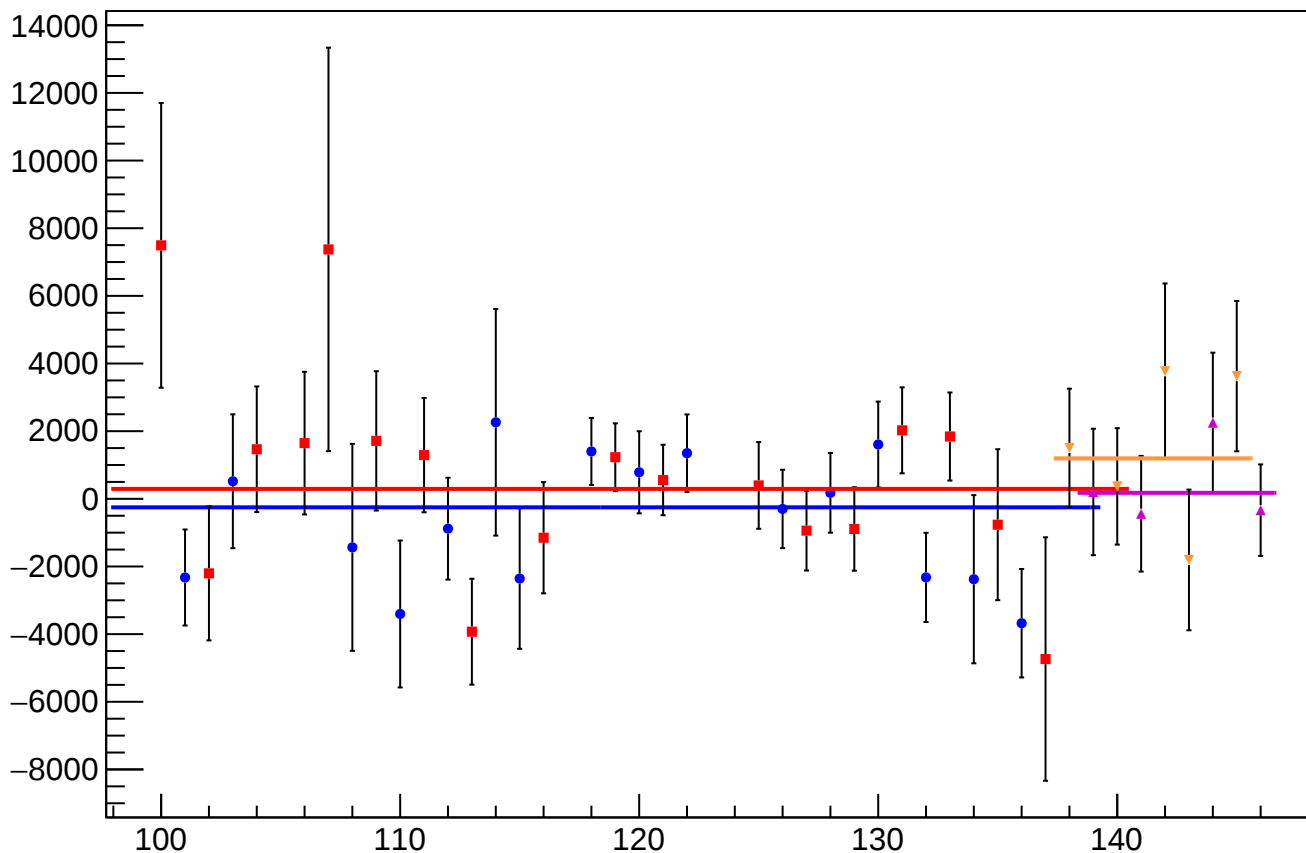
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1124.867 $\pm$ 0.252 χ^2 /NDF: 27353.4/19

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

All: 1139.223 $\pm$ 0.180 χ^2 /NDF: 893530.1/42

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: 177.055+/-842.660 χ^2/NDF : 1.3/3

Left: 655.771+/-613.844 χ^2/NDF : 6.5/8

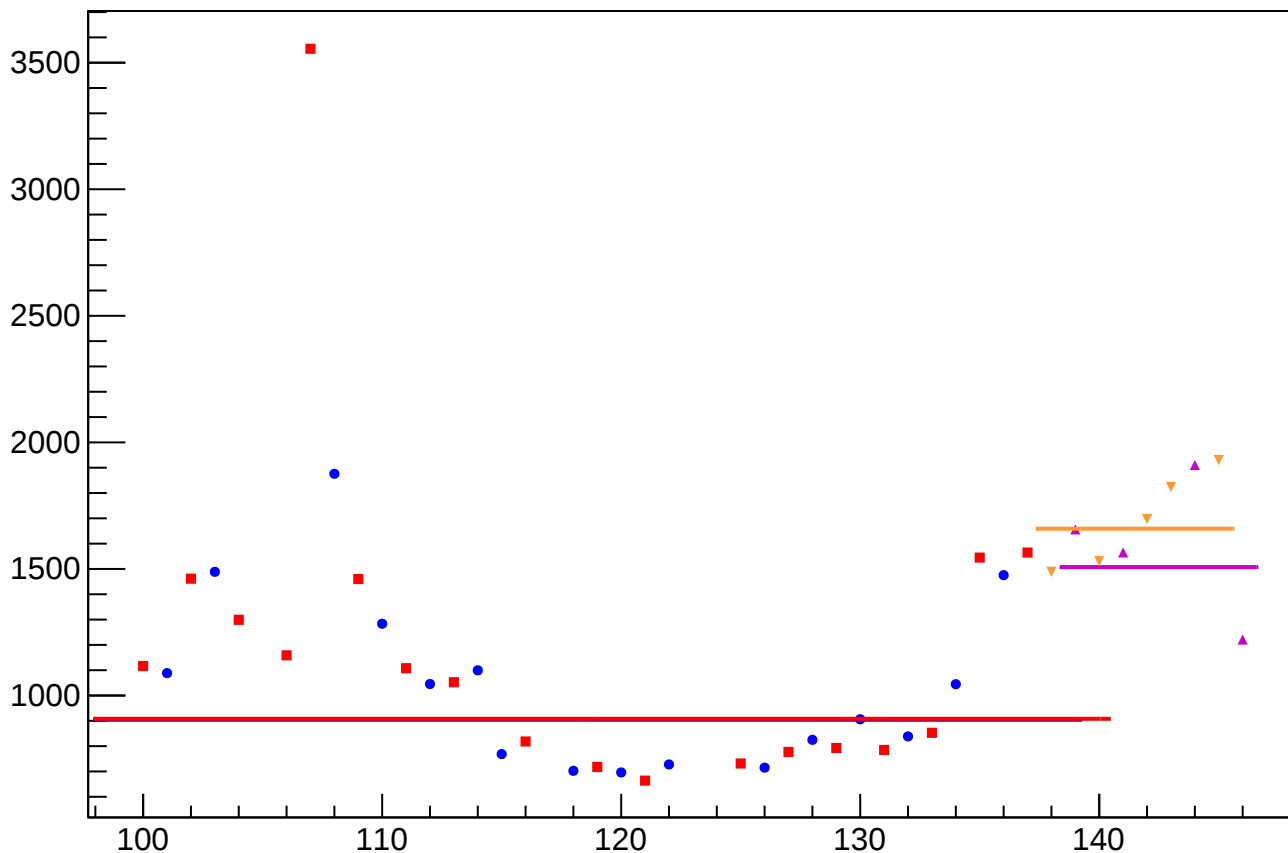
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -183.666+/-334.892 χ^2/NDF : 23.3/19

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

All: 117.498+/-237.206 χ^2/NDF : 54.4/42

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

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

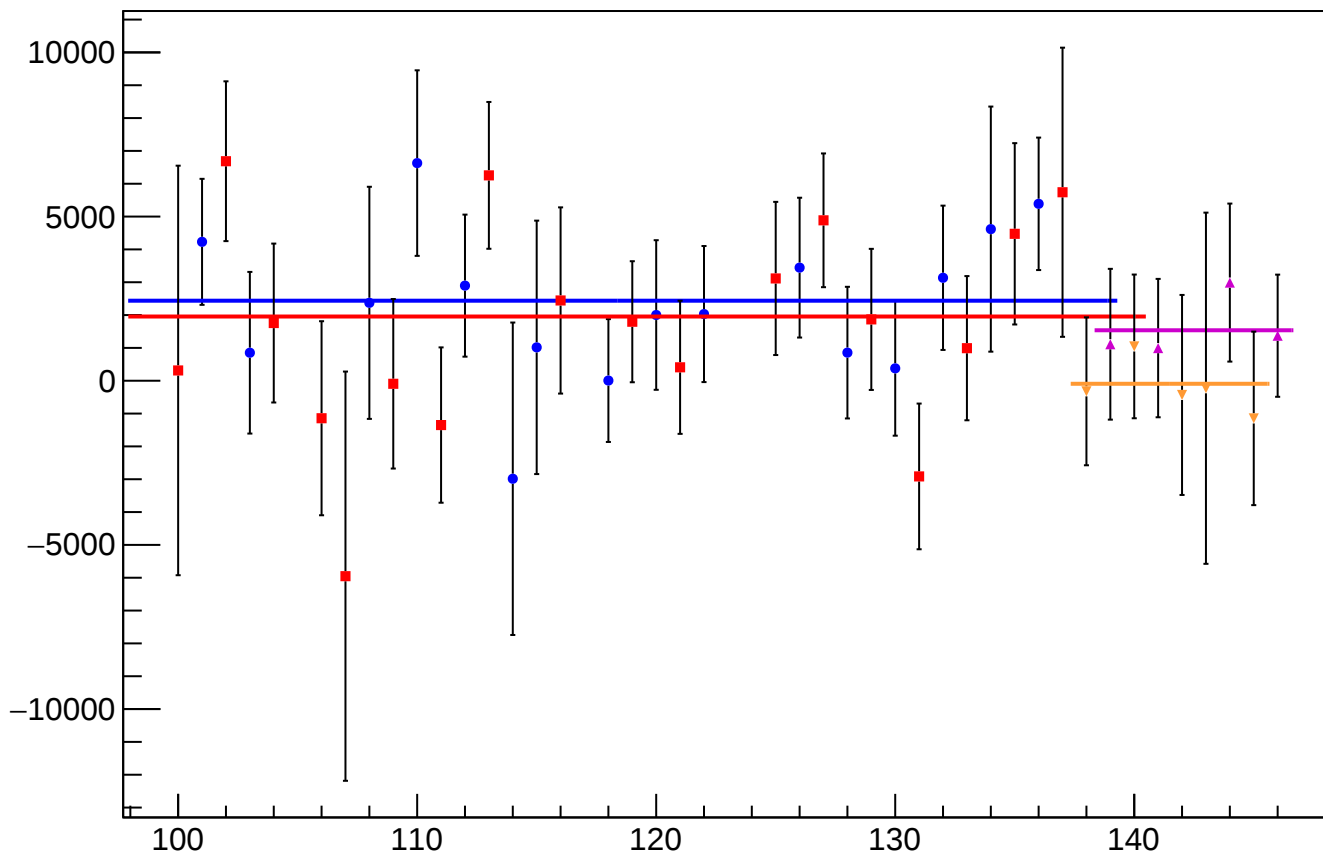
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

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

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

All: 1006.732+/-0.168 χ^2/NDF : 4726877.0/42

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: 1536.980+/-1068.175 χ^2/NDF : 0.5/3

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

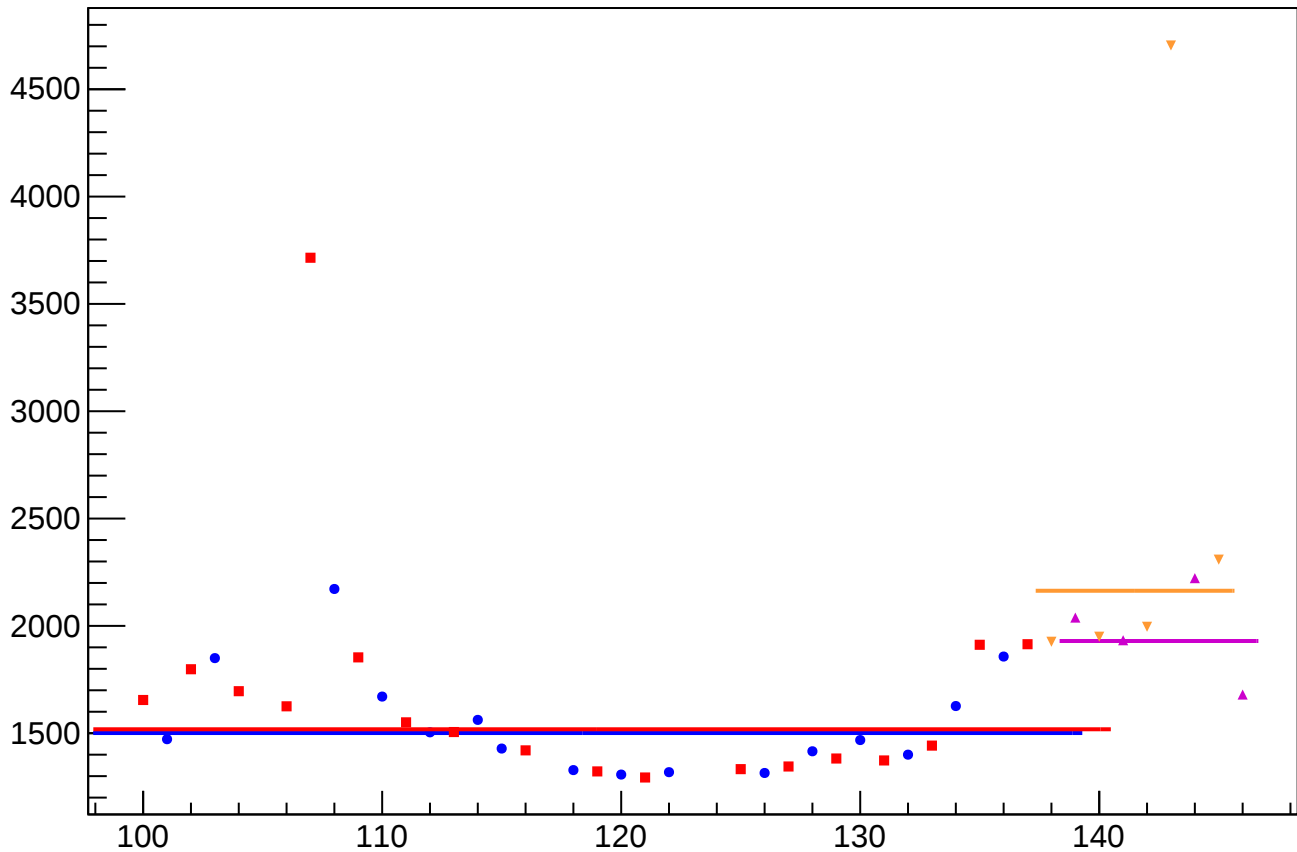
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

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

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

All: 1904.194+/-367.377 χ^2/NDF : 38.2/42

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

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

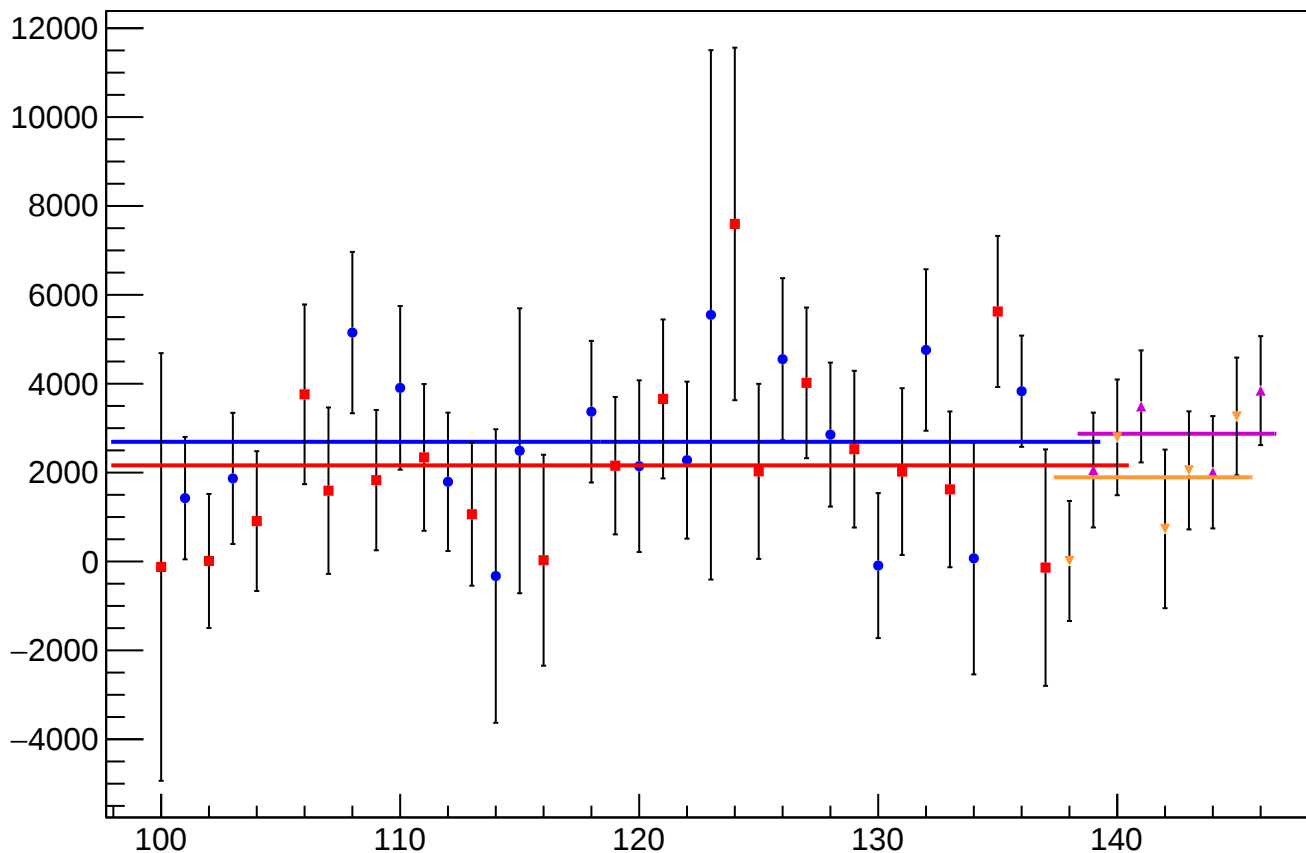
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

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

All: 1620.357+/-0.260 χ^2/NDF : 2027170.8/42

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

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

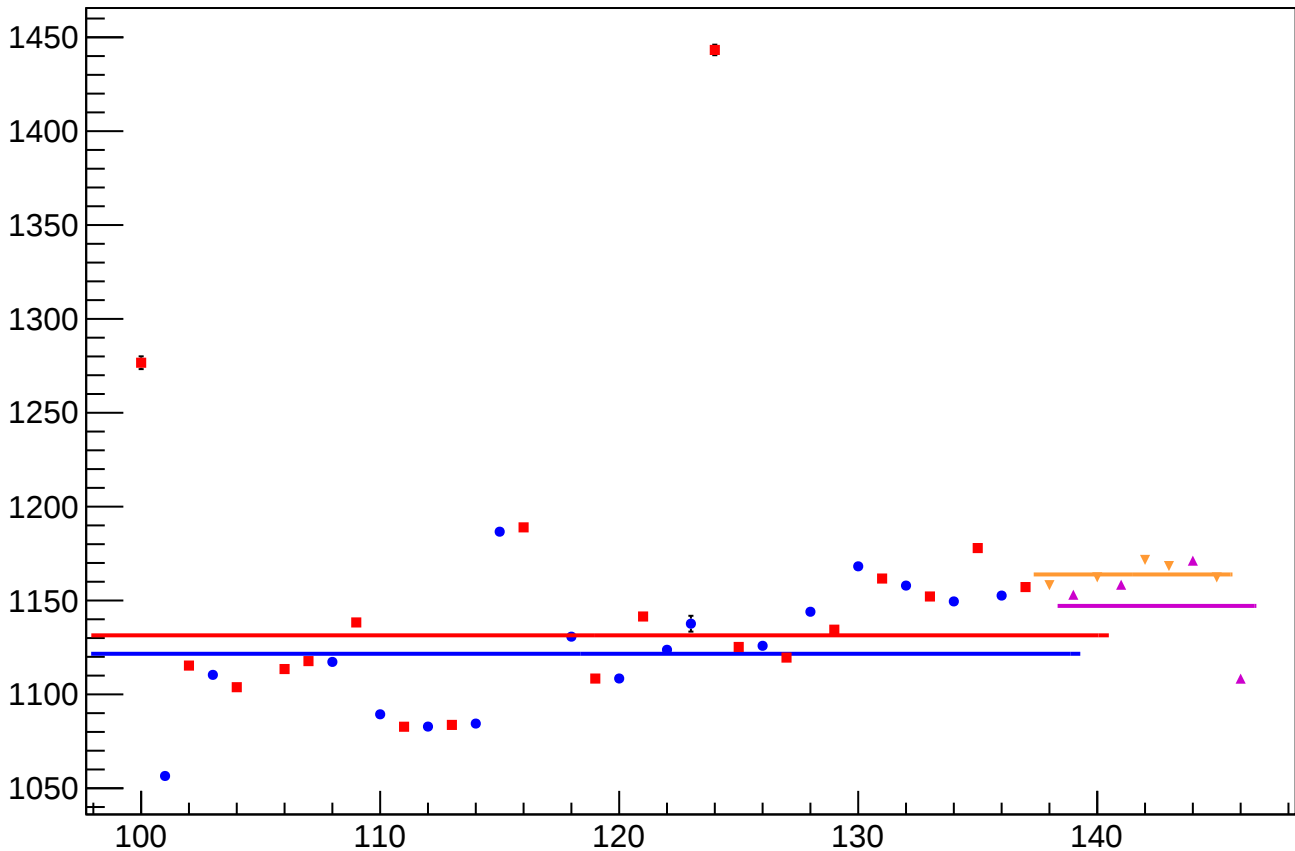
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

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

All: 2408.375 $\pm$ 249.854 χ^2 /NDF: 33.7/44

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 $\chi^2/\text{NDF}: 11980.2/16$

Left Out: 1163.881 ± 0.440 $\chi^2/\text{NDF}: 101.8/4$

Right Out: 1131.451 ± 0.300 $\chi^2/\text{NDF}: 23111.7/18$

Left In: 1147.127 ± 0.445 $\chi^2/\text{NDF}: 2925.1/3$

Left: 1155.617 ± 0.313 $\chi^2/\text{NDF}: 3743.6/8$

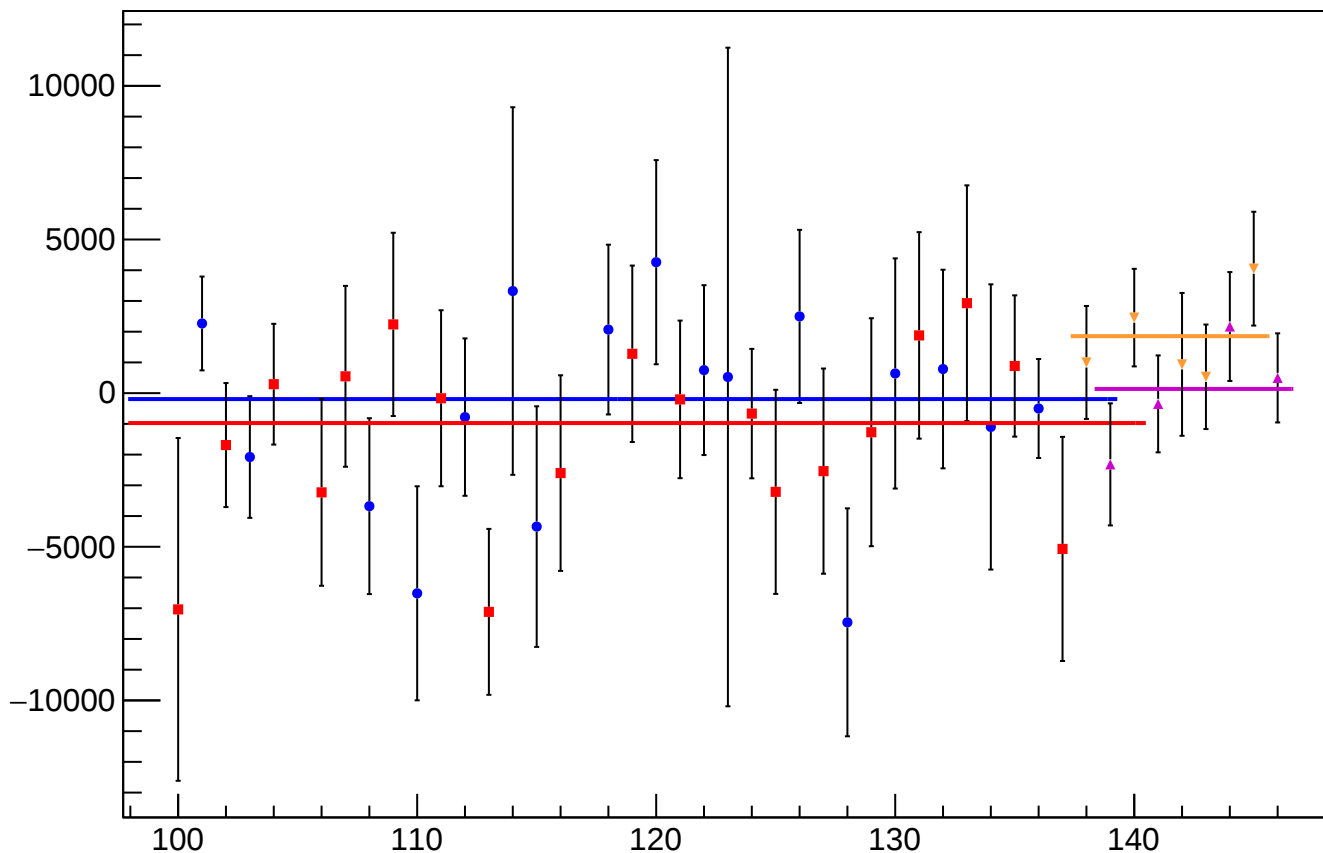
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1129.798 ± 0.252 $\chi^2/\text{NDF}: 17132.1/20$

Out: 1141.742 ± 0.248 $\chi^2/\text{NDF}: 26929.8/23$

All: 1135.880 ± 0.177 $\chi^2/\text{NDF}: 45204.3/44$

asym_usr_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

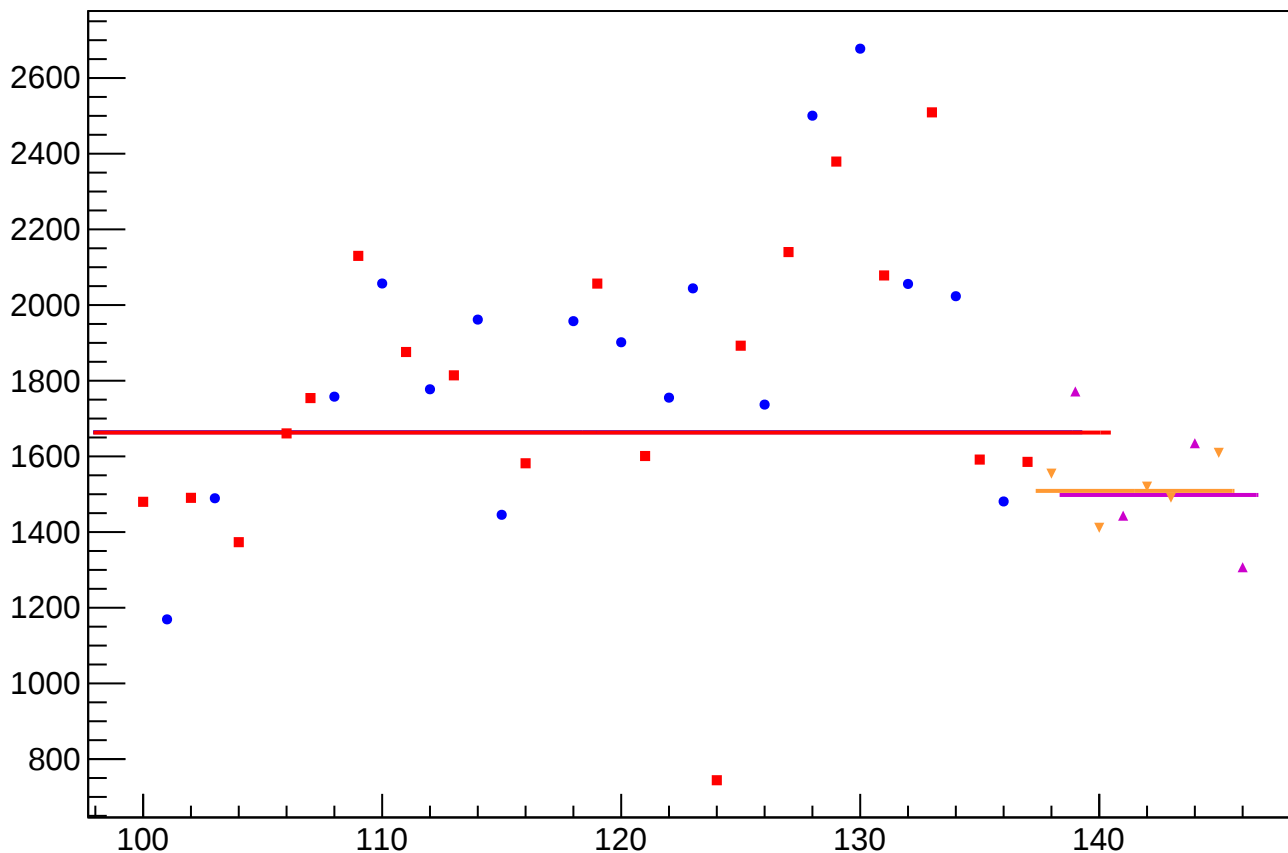
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

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

Out: 119.906+/-505.194 χ^2/NDF : 24.3/23

All: 29.320+/-361.297 χ^2/NDF : 44.8/44

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

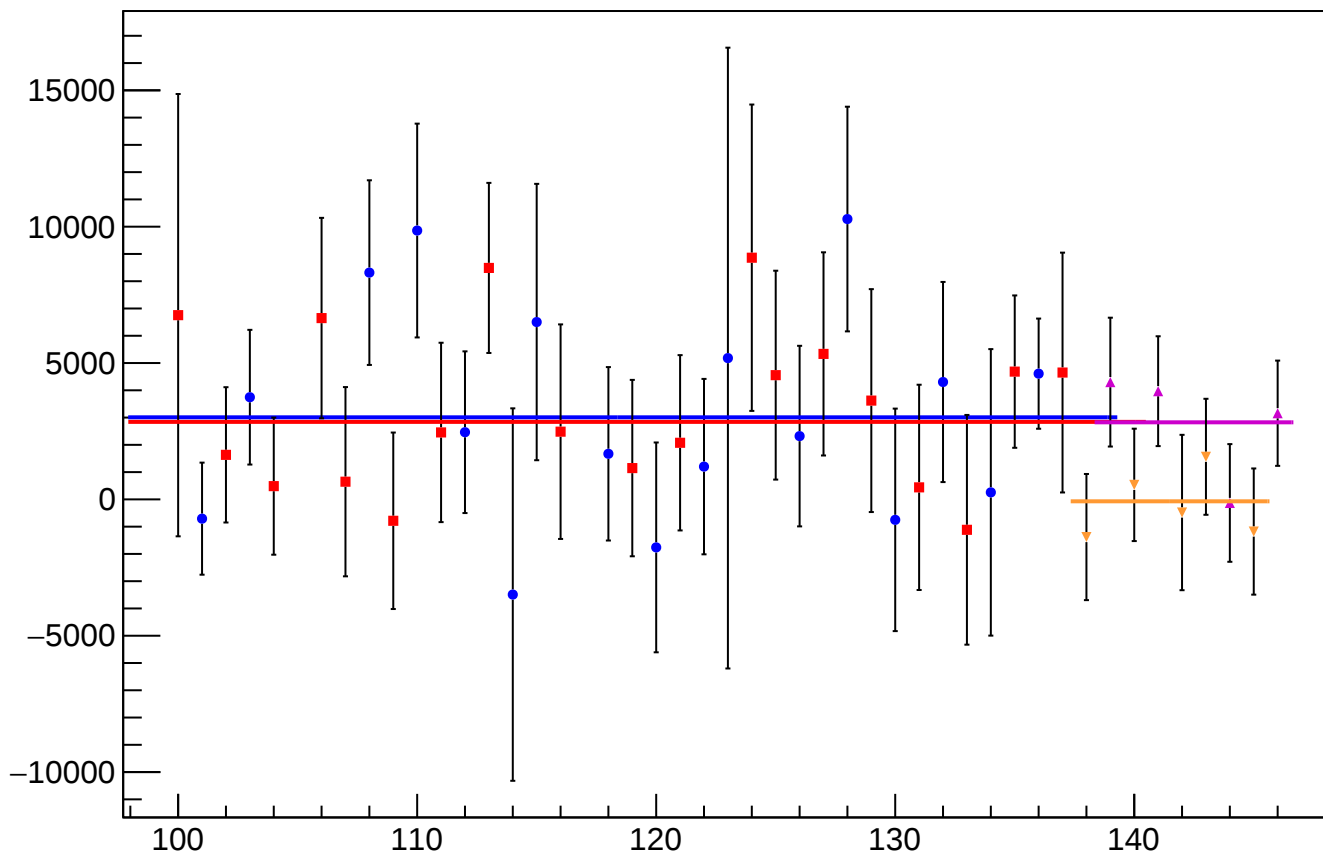
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

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

Out: 1603.391+/-0.357 χ^2/NDF : 864066.0/23

All: 1601.543+/-0.255 χ^2/NDF : 1622335.0/44

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: 2826.033+/-1048.838 χ^2/NDF : 2.6/3

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

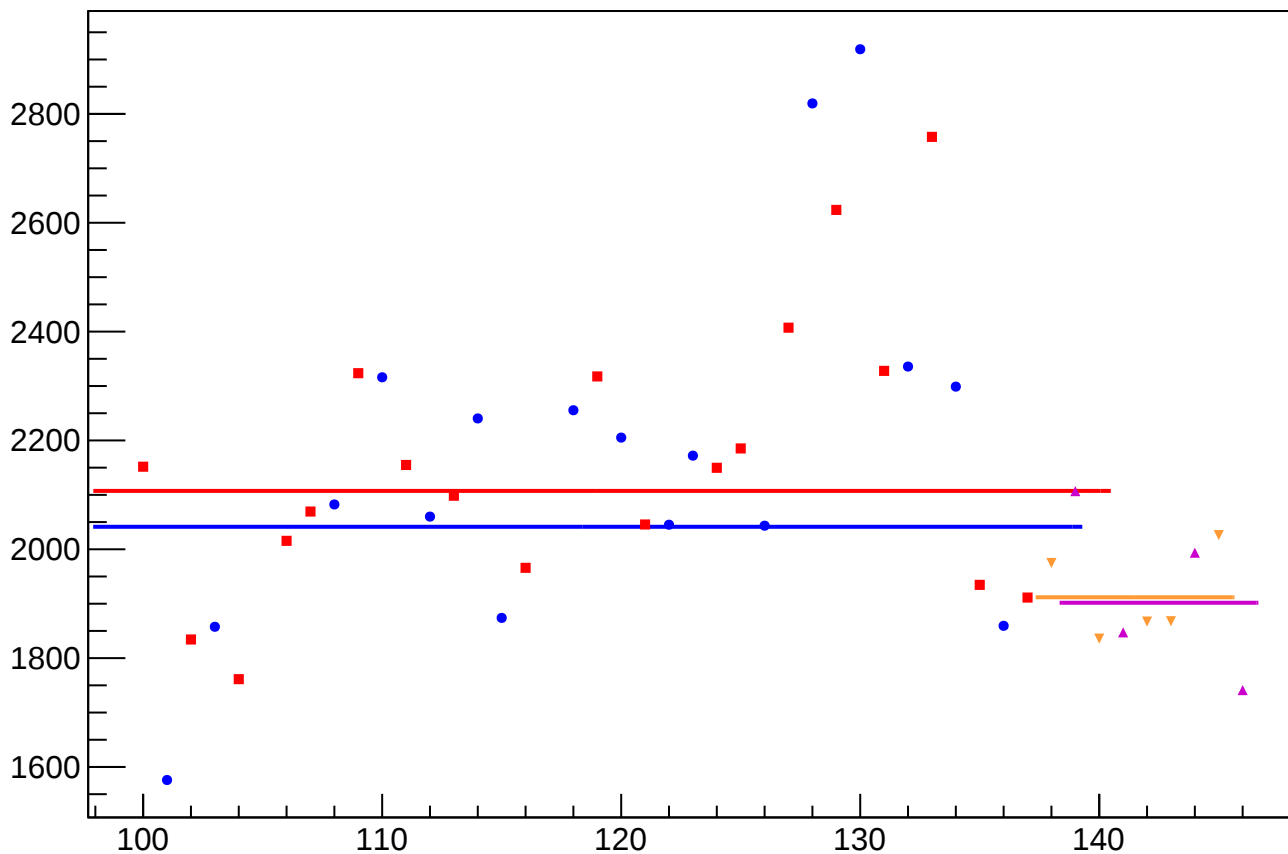
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

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

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

All: 2336.503+/-446.958 χ^2/NDF : 39.5/44

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: 1901.751 ± 0.742 χ^2/NDF : 34003.5/3

Left: 1906.910 ± 0.518 χ^2/NDF : 44523.3/8

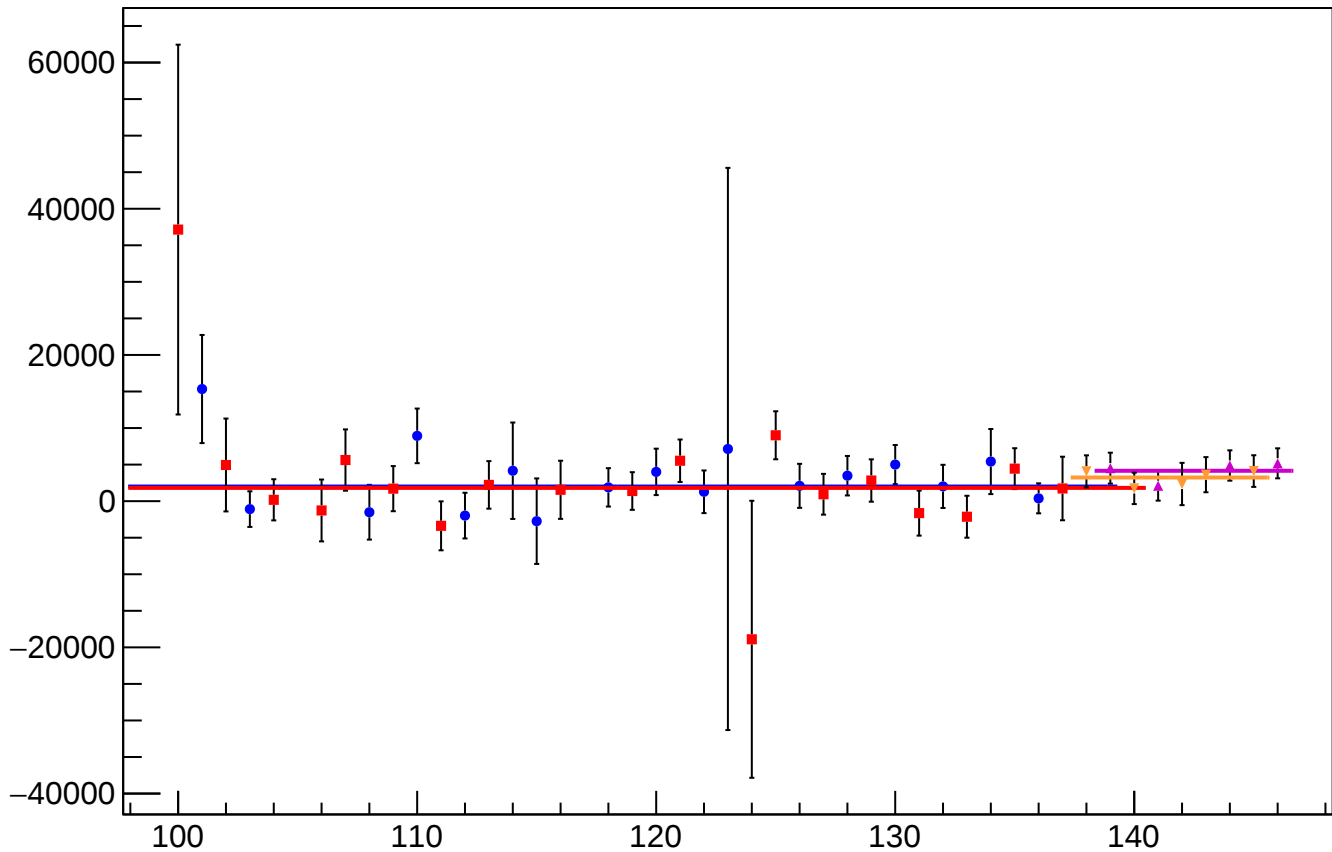
Right: 2074.475 ± 0.399 χ^2/NDF : 542049.1/35

In: 1990.033 ± 0.450 χ^2/NDF : 394846.0/20

Out: 2033.699 ± 0.444 χ^2/NDF : 252629.7/23

All: 2012.127 ± 0.316 χ^2/NDF : 652247.5/44

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: 4154.866+/-1035.150 χ^2/NDF : 1.4/3

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

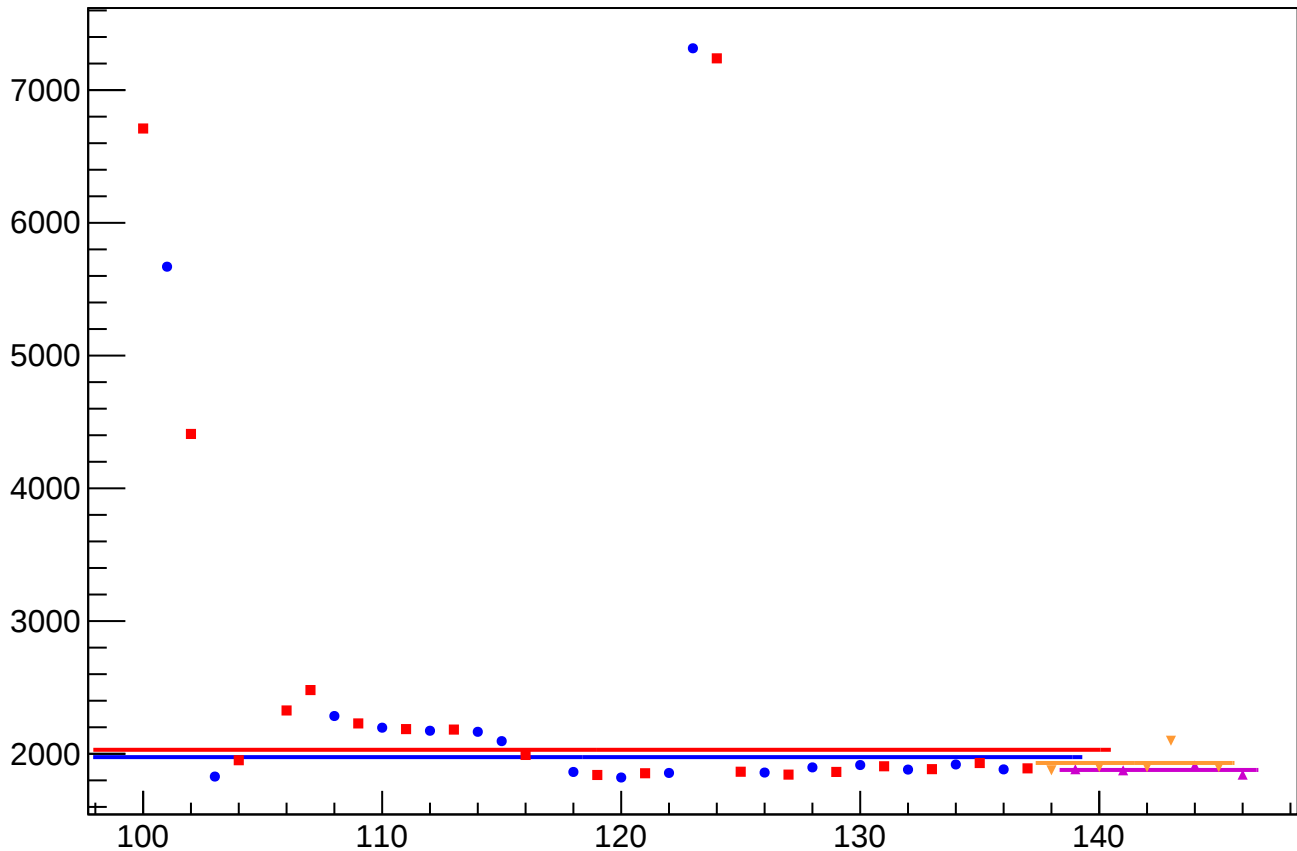
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

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

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

All: 2556.318+/-441.138 χ^2/NDF : 39.6/44

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: 1878.459+/-0.732 χ^2/NDF : 1117.9/3

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

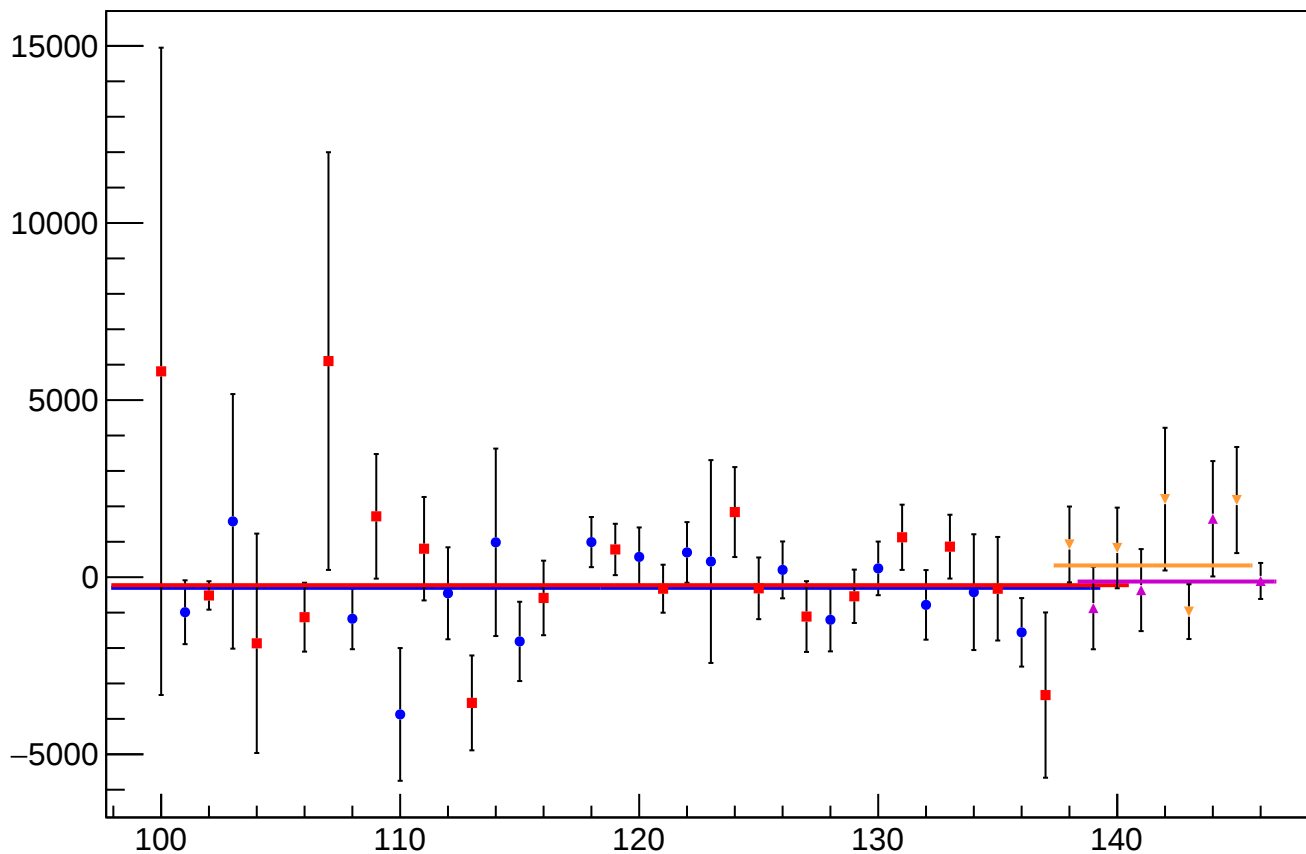
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

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

All: 1967.171+/-0.312 χ^2/NDF : 1247354.6/44

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: -122.743+/-417.947 χ^2/NDF : 1.6/3

Left: 64.394+/-320.504 χ^2/NDF : 7.9/8

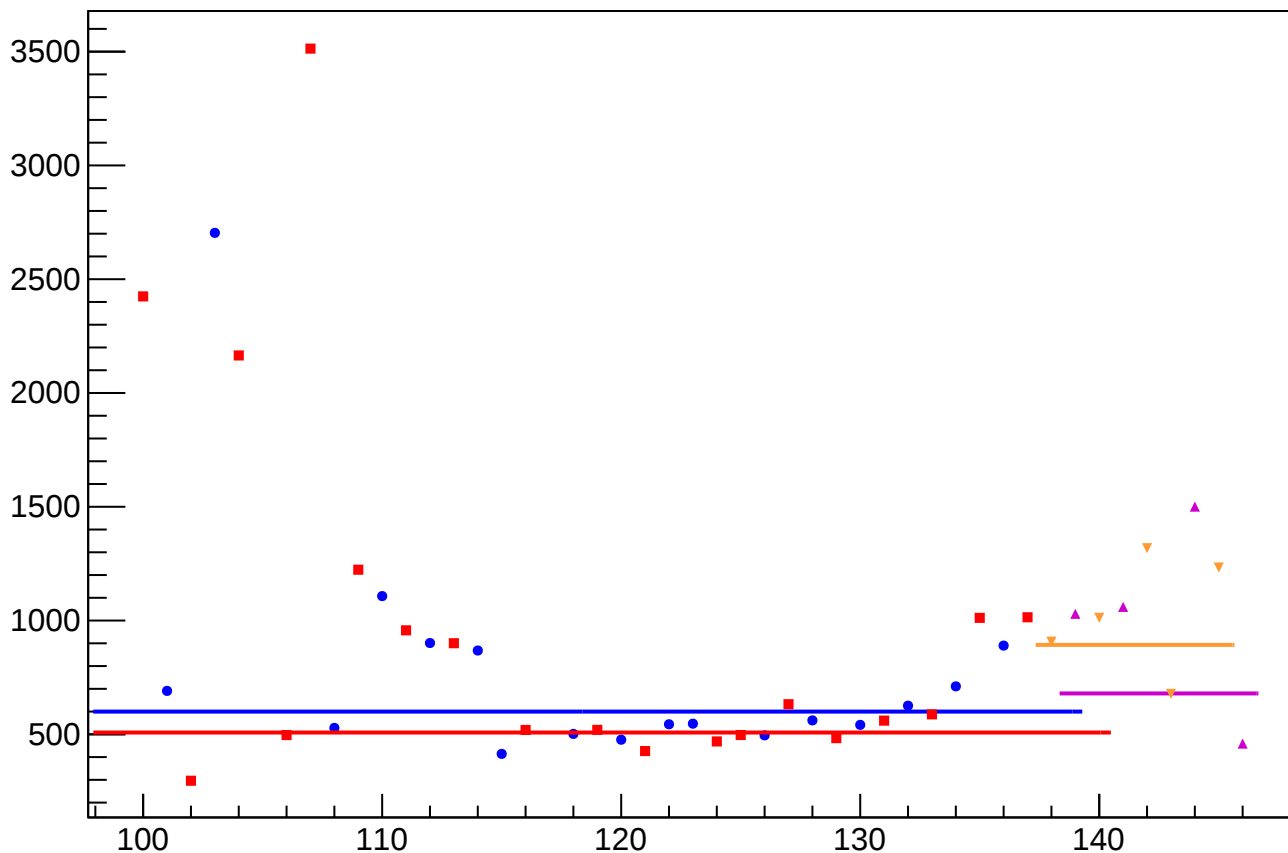
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -254.215+/-212.396 χ^2/NDF : 19.1/20

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

All: -191.981+/-144.795 χ^2/NDF : 48.3/44

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

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

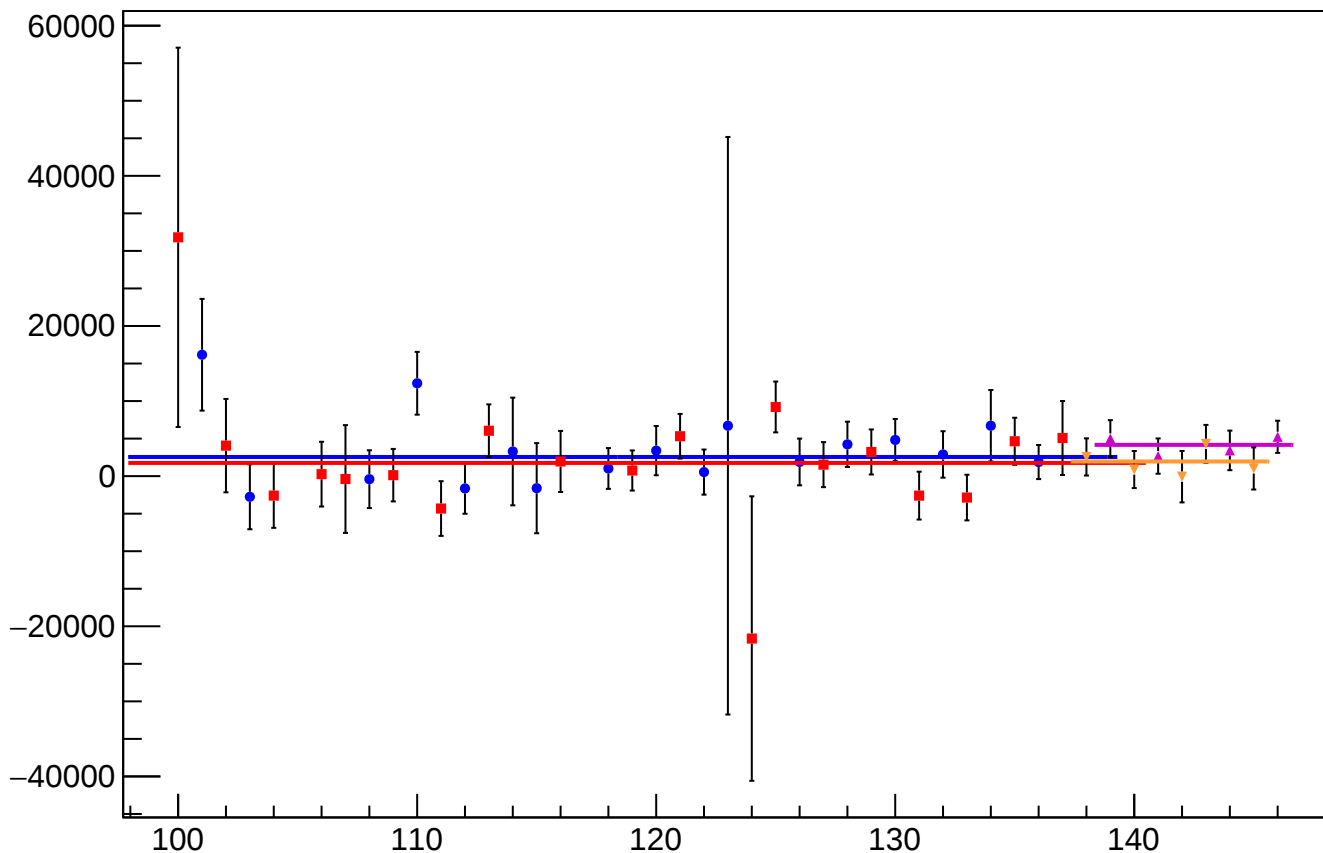
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

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

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

All: 592.652+/-0.102 χ^2/NDF : 7000317.0/44

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1952.227+/-1198.536 χ^2/NDF : 1.6/4

Right Out: 1761.499+/-854.672 χ^2/NDF : 20.9/18

Left In: 4165.112+/-1186.096 χ^2/NDF : 0.9/3

Left: 3070.214+/-843.060 χ^2/NDF : 4.1/8

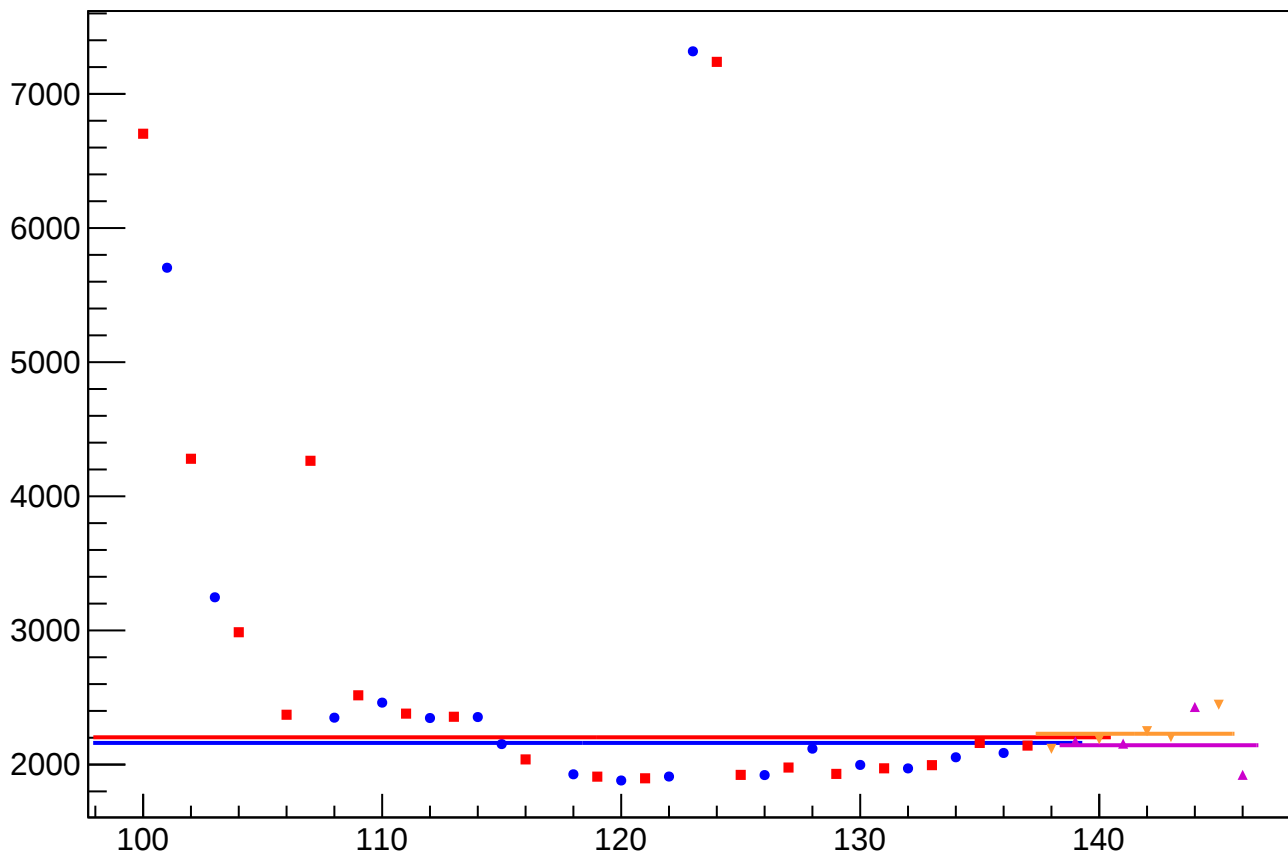
Right: 2155.591+/-605.836 χ^2/NDF : 37.1/35

In: 3107.956+/-695.662 χ^2/NDF : 17.8/20

Out: 1825.792+/-695.867 χ^2/NDF : 22.5/23

All: 2467.063+/-491.979 χ^2/NDF : 42.0/44

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: 2144.158+/-0.839 χ^2/NDF :44979.2/3

Left: 2186.506+/-0.596 χ^2/NDF : 66982.7/8

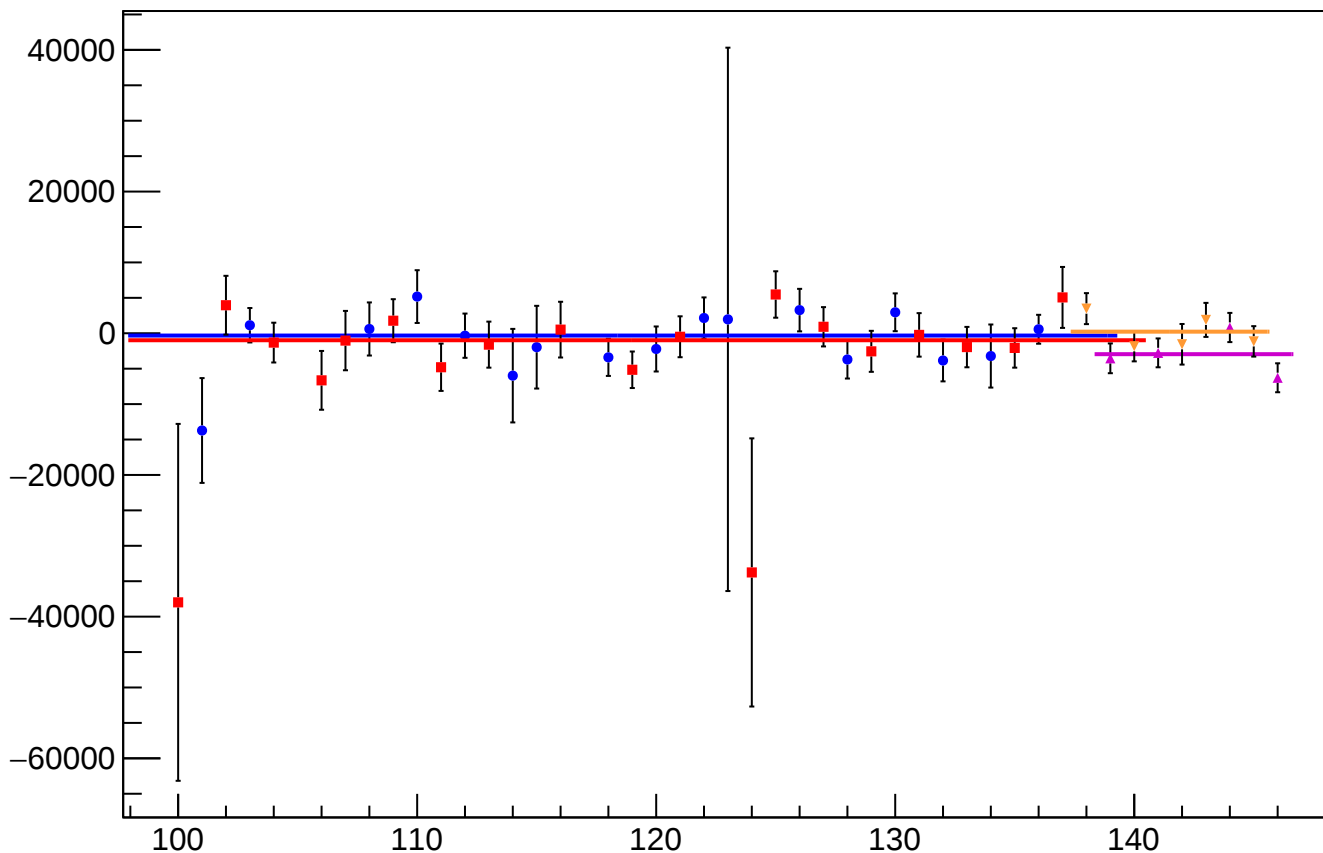
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2155.481+/-0.492 χ^2/NDF :756510.3/20

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

All: 2183.854+/-0.348 χ^2/NDF : 1578053.5/44

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: -2951.760 ± 1030.040 $\chi^2/\text{NDF}: 6.1/3$

Left: -1364.342 ± 728.712 $\chi^2/\text{NDF}: 15.3/8$

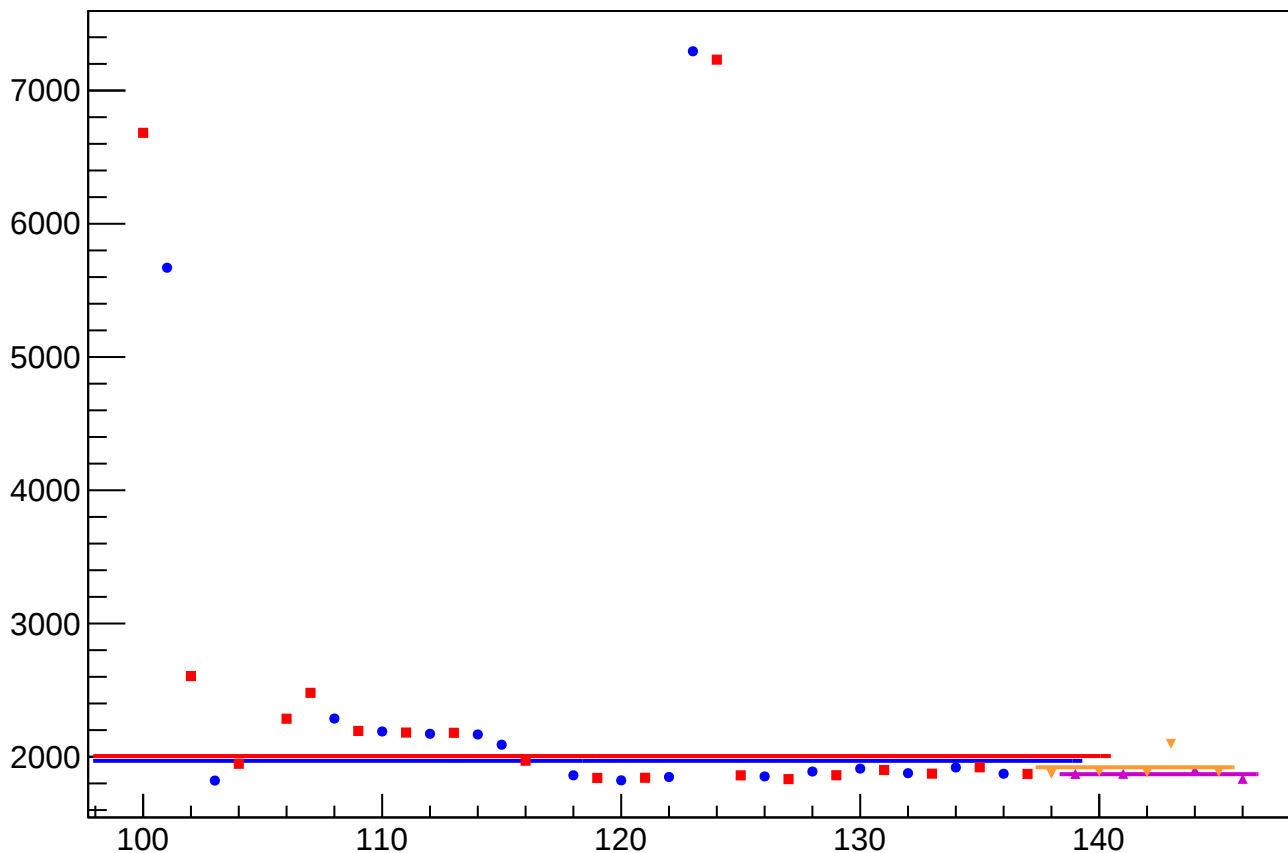
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -1280.743 ± 621.580 $\chi^2/\text{NDF}: 26.0/20$

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

All: -913.607 ± 437.862 $\chi^2/\text{NDF}: 52.3/44$

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: 1869.344+/-0.728 χ^2 /NDF:996.6/3

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

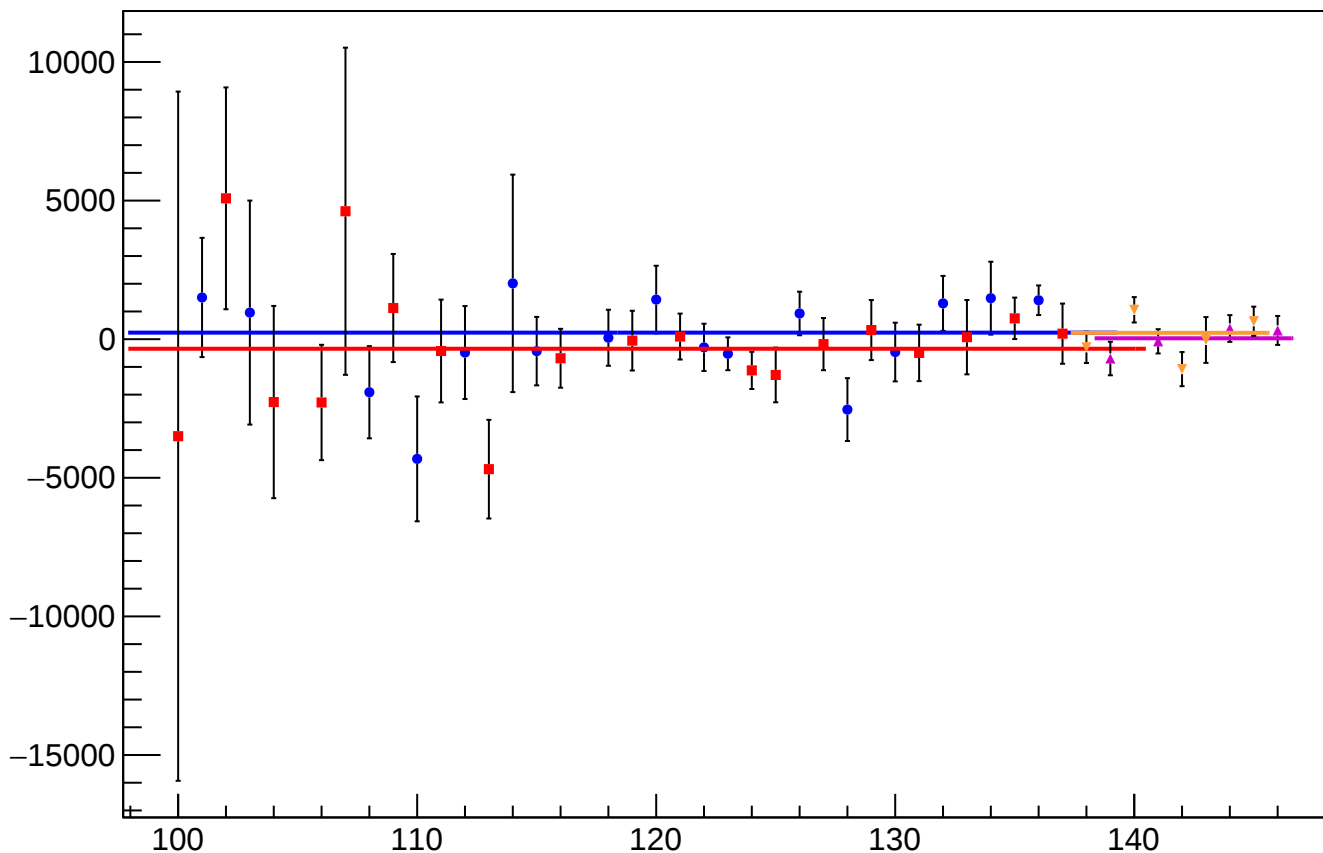
Right: 1987.746+/-0.387 χ^2 /NDF: 964621.5/35

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

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

All: 1954.327+/-0.310 χ^2 /NDF: 1001945.0/44

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

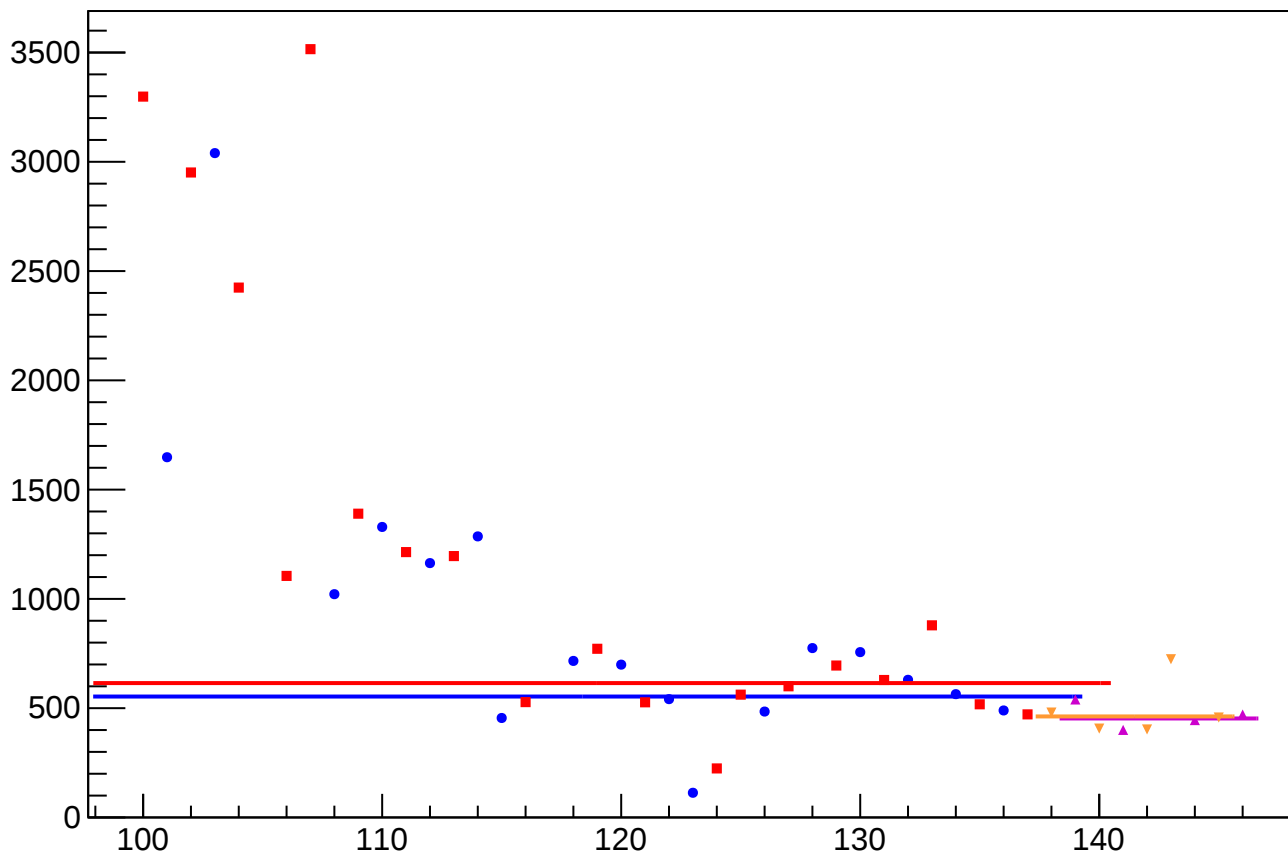
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

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

Out: -40.109 $\pm$ 184.172 χ^2 /NDF:27.8/23

All: 51.393 $\pm$ 127.450 χ^2 /NDF: 54.8/44

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: 452.898+/-0.177 χ^2/NDF : 72694.4/3

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

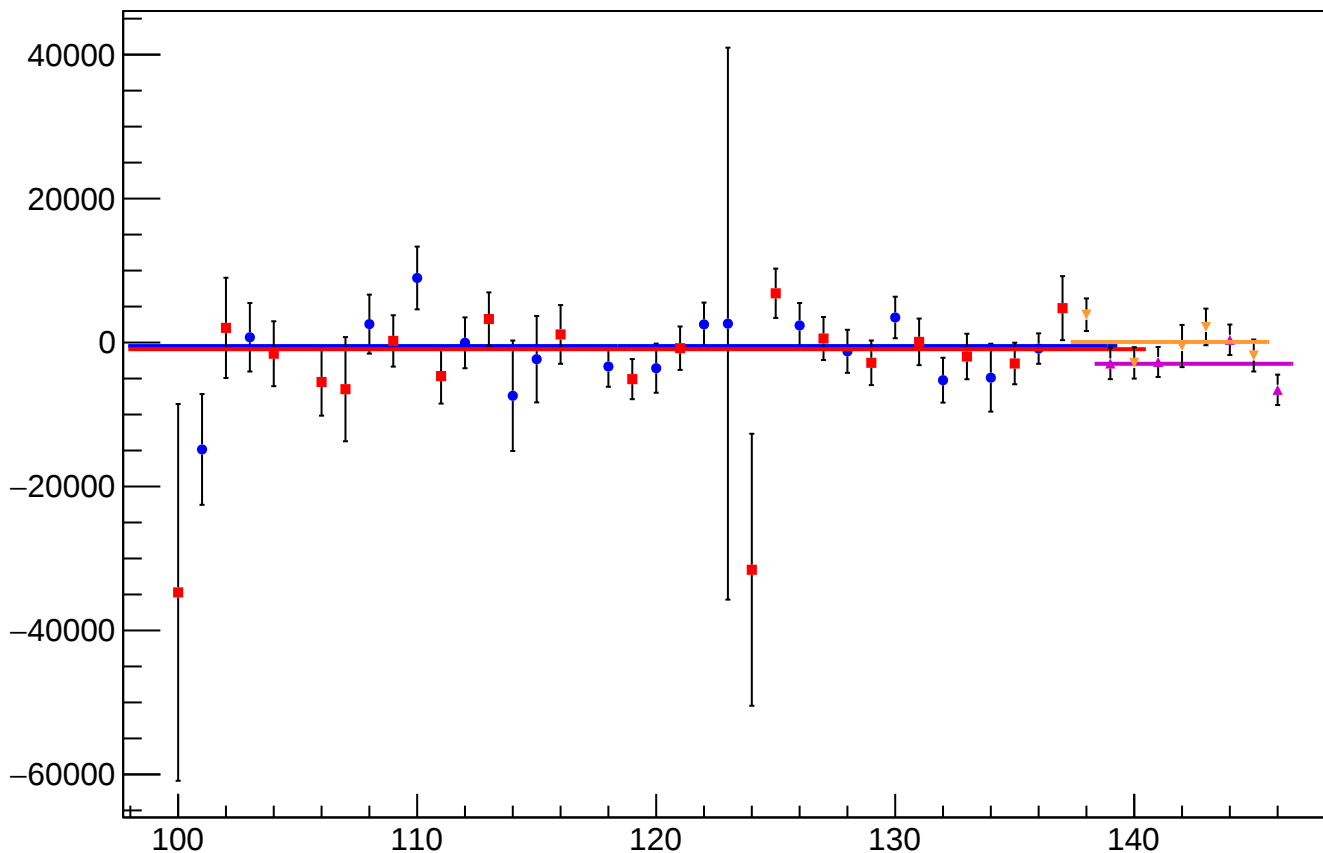
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

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

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

All: 518.125+/-0.090 χ^2/NDF : 7838649.0/44

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

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

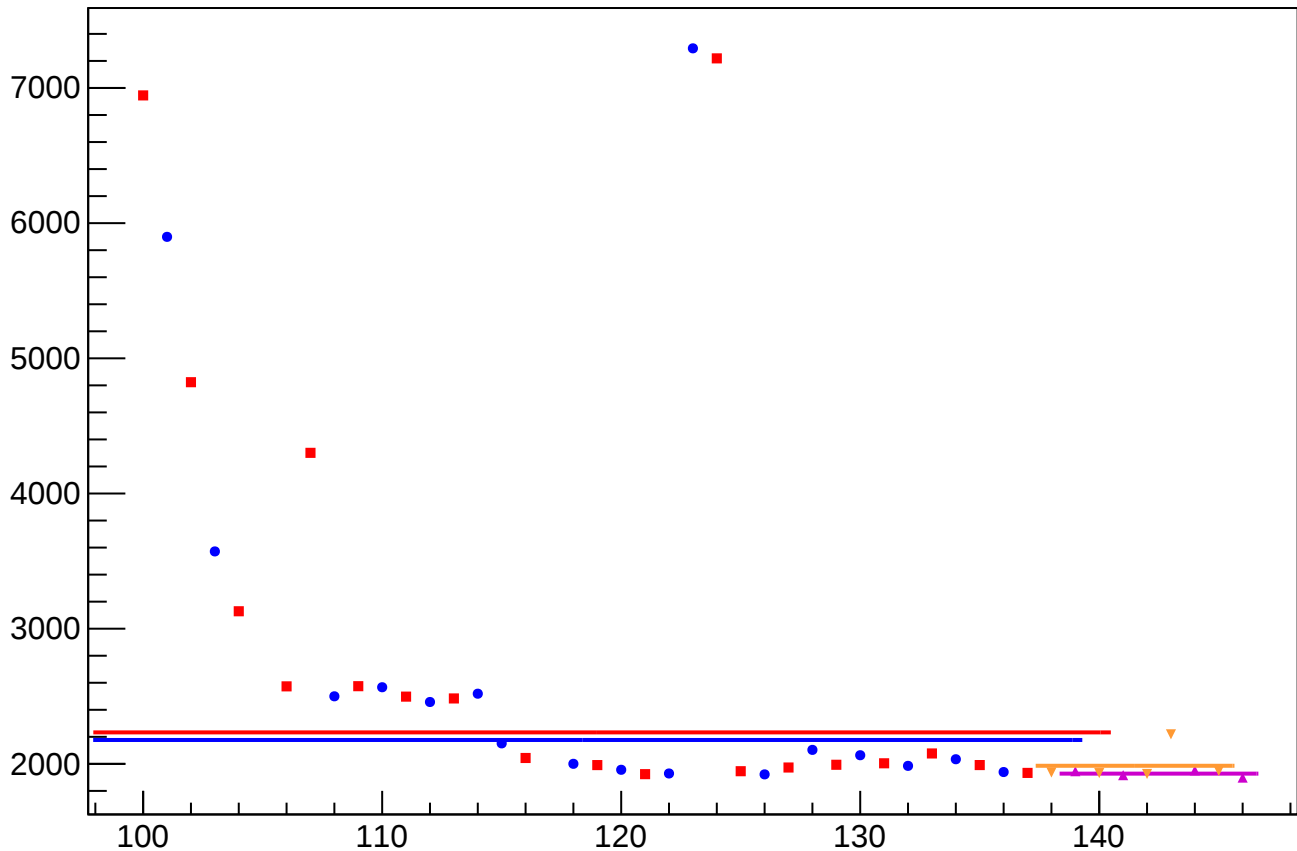
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

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

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

All: -998.930+/-475.729 χ^2/NDF : 53.7/44

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: 1927.819 $\pm$ 0.751 χ^2 /NDF:844.5/3

Left: 1956.764 $\pm$ 0.532 χ^2 /NDF: 24262.8/8

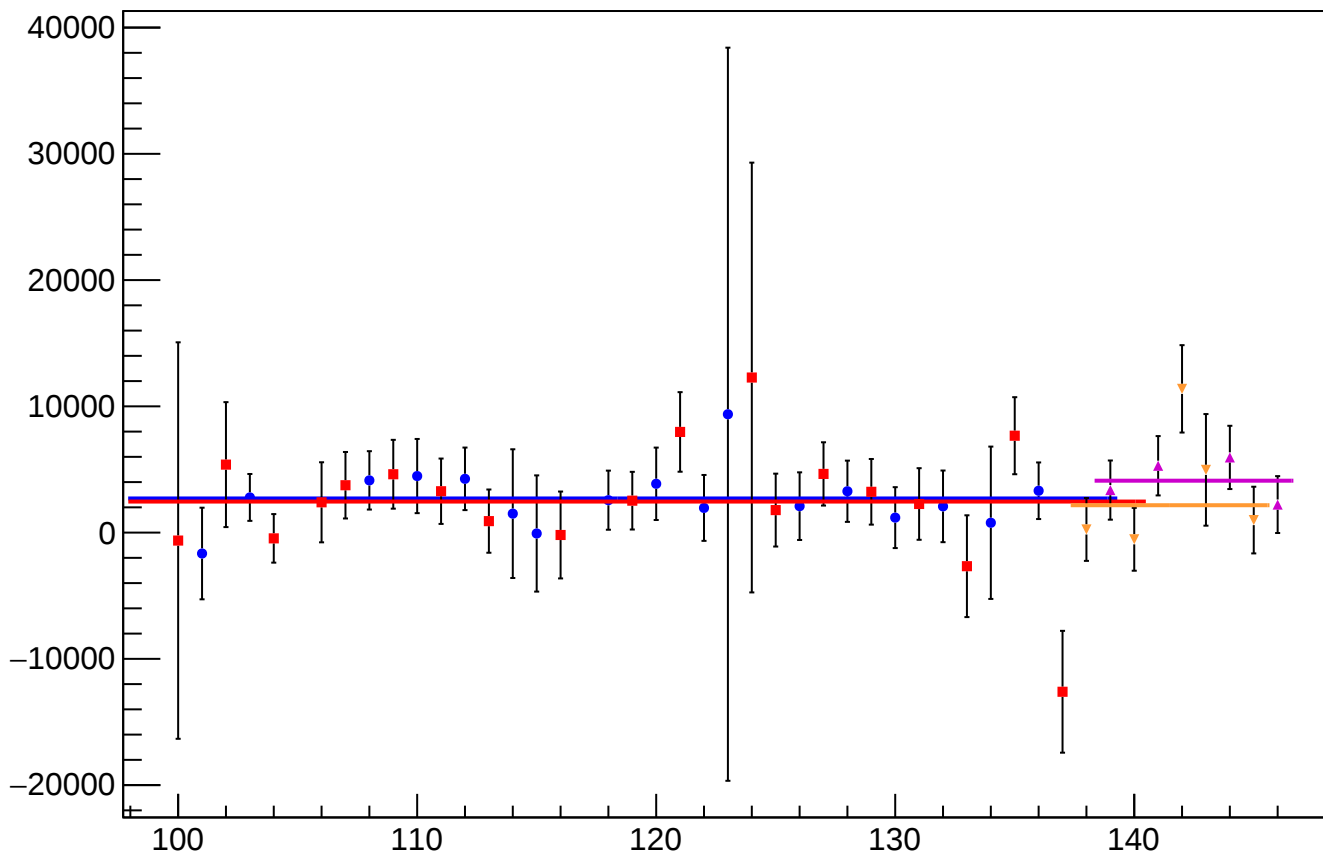
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2077.070 $\pm$ 0.475 χ^2 /NDF:869389.0/20

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

All: 2105.662 $\pm$ 0.336 χ^2 /NDF: 1852112.7/44

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

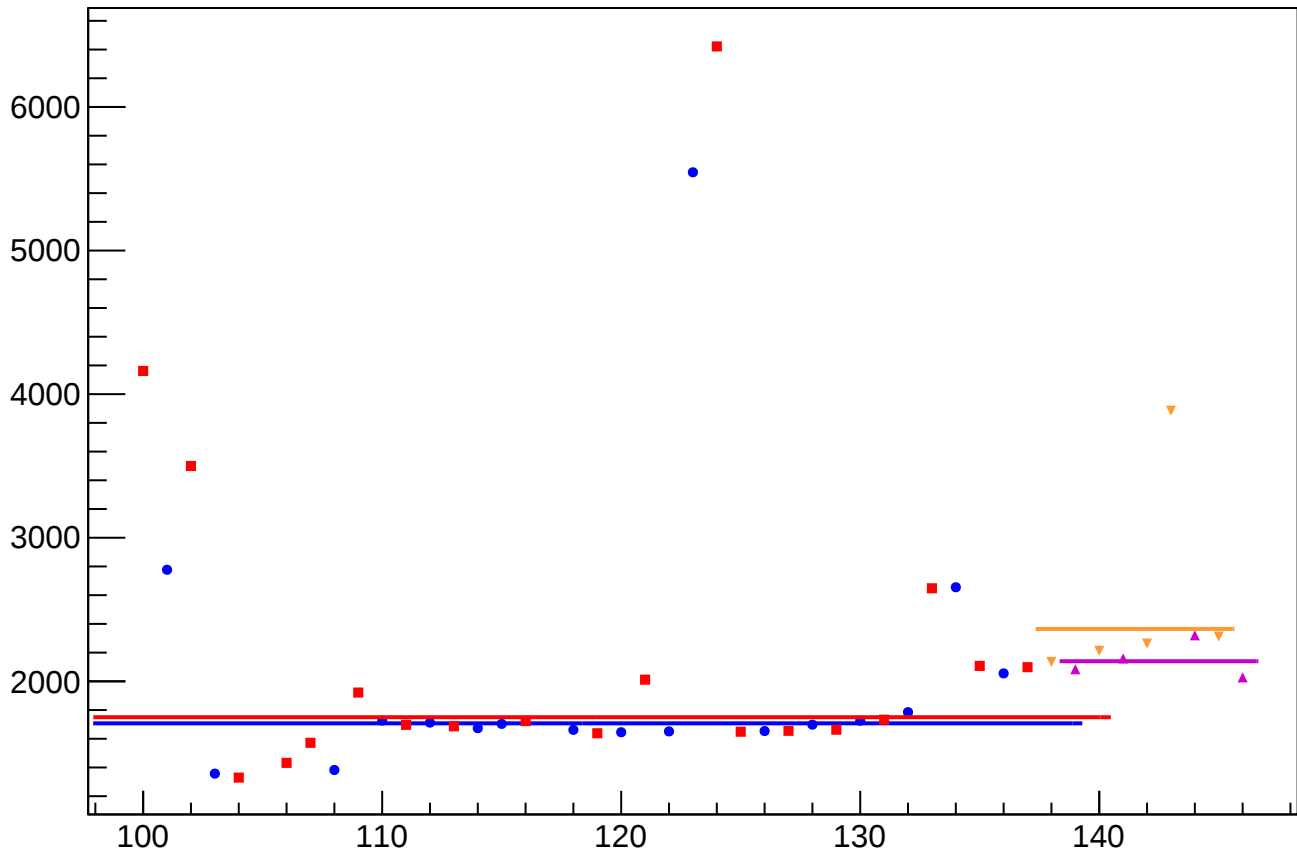
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

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

Out: 2395.208 $\pm$ 603.393 χ^2 /NDF:32.7/23

All: 2732.814 $\pm$ 420.028 χ^2 /NDF: 40.0/44

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 $\pm$ 0.477 χ^2 /NDF: 422166.4/16

Left Out: 2364.679 $\pm$ 0.912 χ^2 /NDF: 263451.9/4

Right Out: 1750.114 $\pm$ 0.483 χ^2 /NDF: 746498.0/18

Left In: 2140.027 $\pm$ 0.834 χ^2 /NDF: 16628.7/3

Left: 2242.231 $\pm$ 0.615 χ^2 /NDF: 313124.9/8

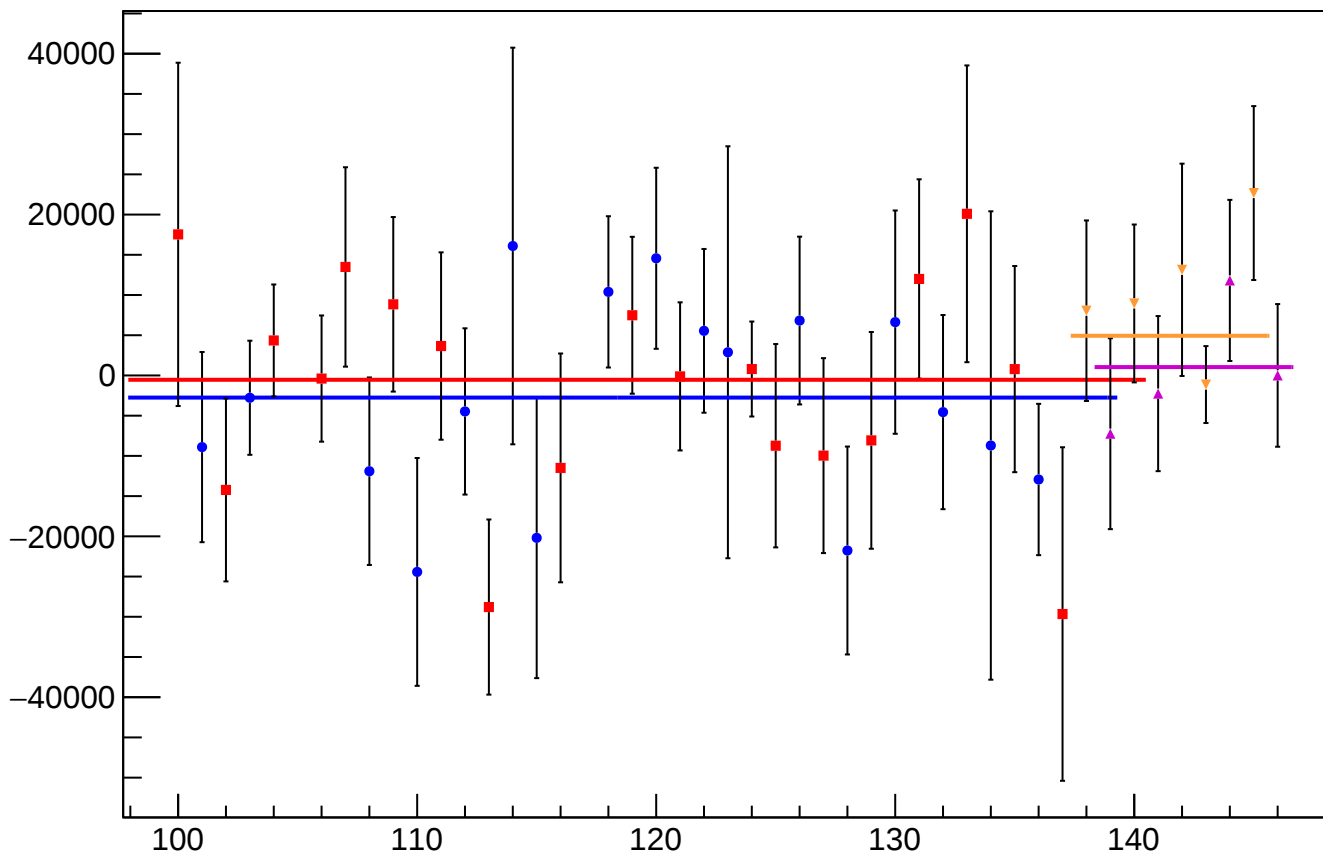
Right: 1728.481 $\pm$ 0.339 χ^2 /NDF: 1172634.0/35

In: 1813.948 $\pm$ 0.414 χ^2 /NDF: 641829.8/20

Out: 1884.449 $\pm$ 0.427 χ^2 /NDF: 1364478.6/23

All: 1848.118 $\pm$ 0.297 χ^2 /NDF: 2020384.7/44

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: 1039.356+/-4966.143 χ^2/NDF : 1.8/3

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

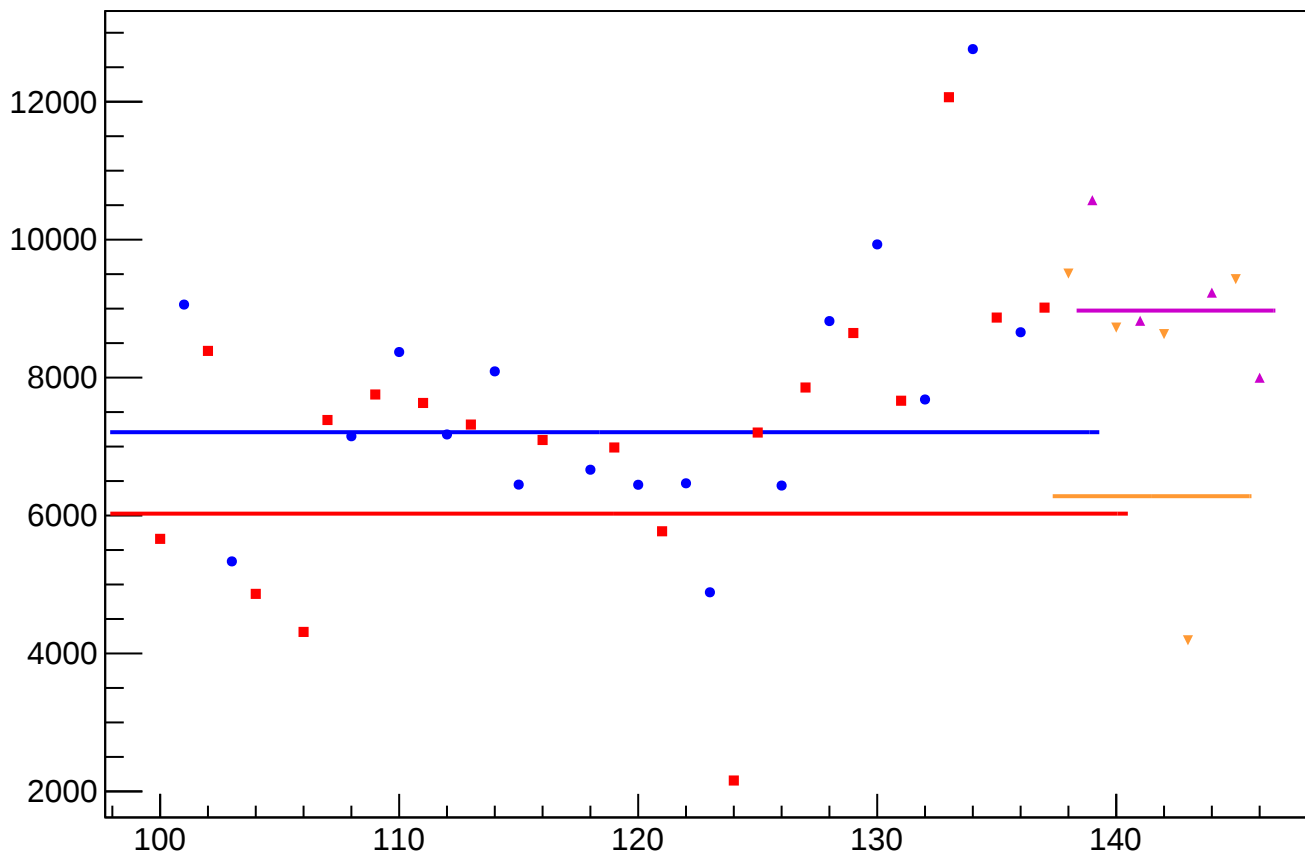
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

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

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

All: -32.031+/-1560.281 χ^2/NDF : 42.6/44

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

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

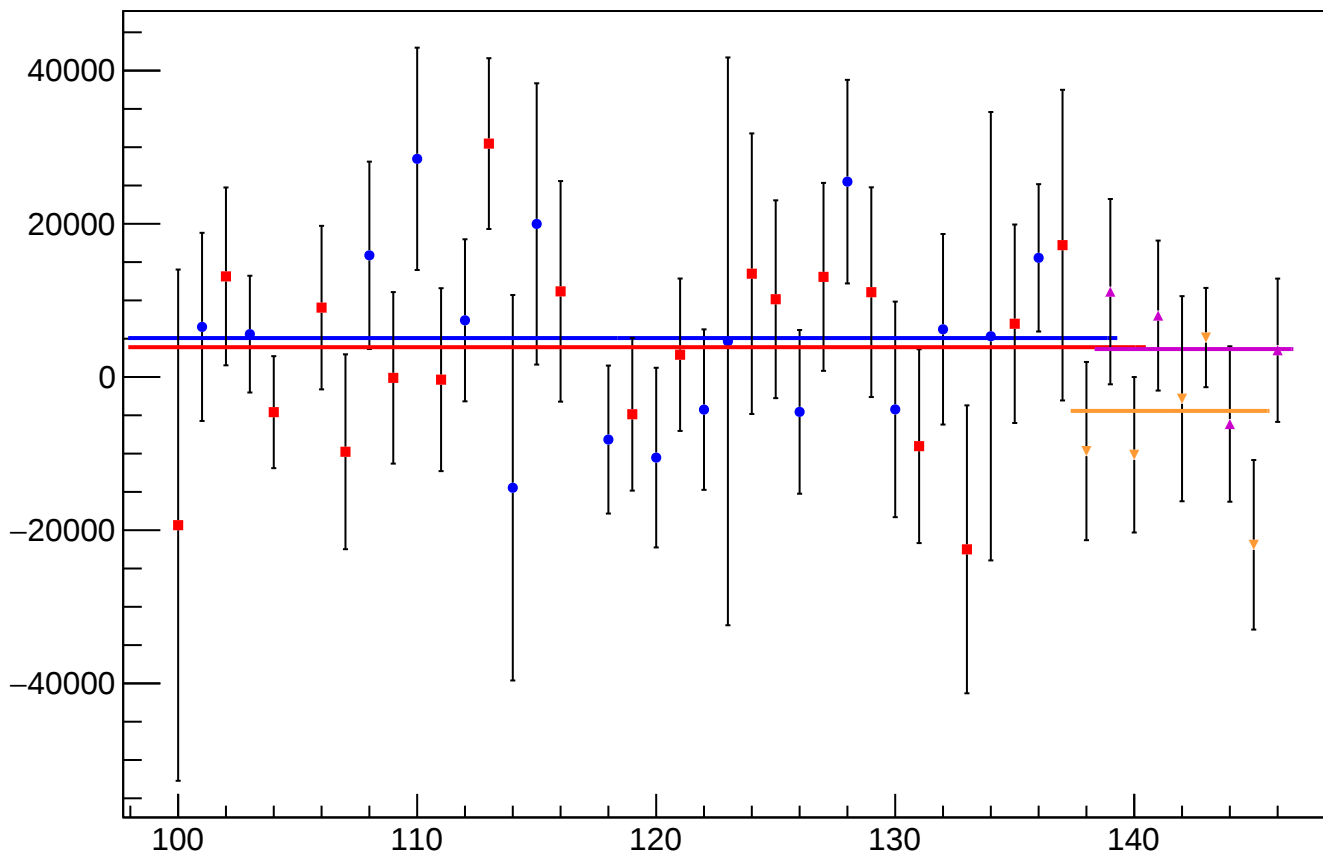
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

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

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

All: 6720.916+/-1.103 χ^2/NDF : 3921705.4/44

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: 3647.857+/-5102.399 χ^2/NDF : 1.5/3

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

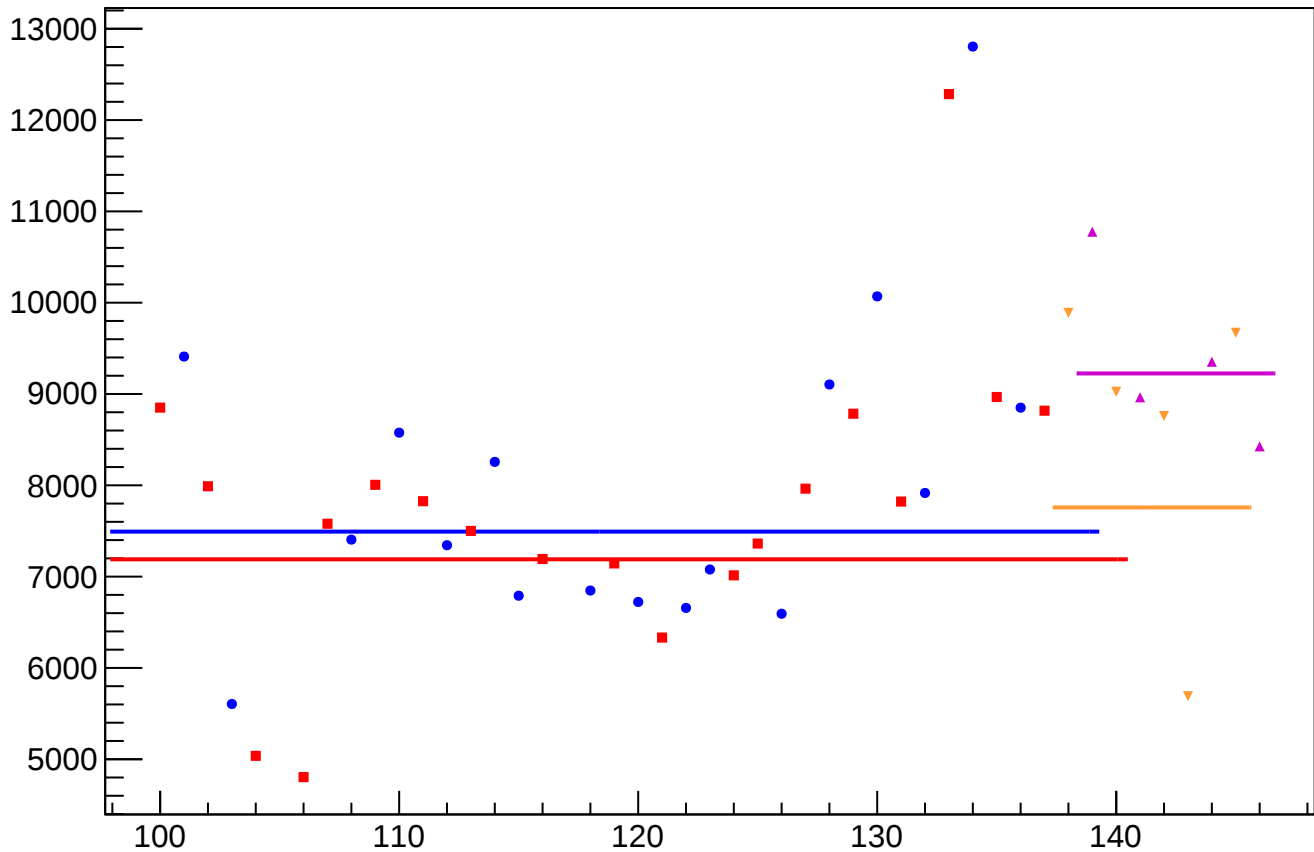
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

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

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

All: 2917.366+/-1725.119 χ^2/NDF : 40.0/44

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

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

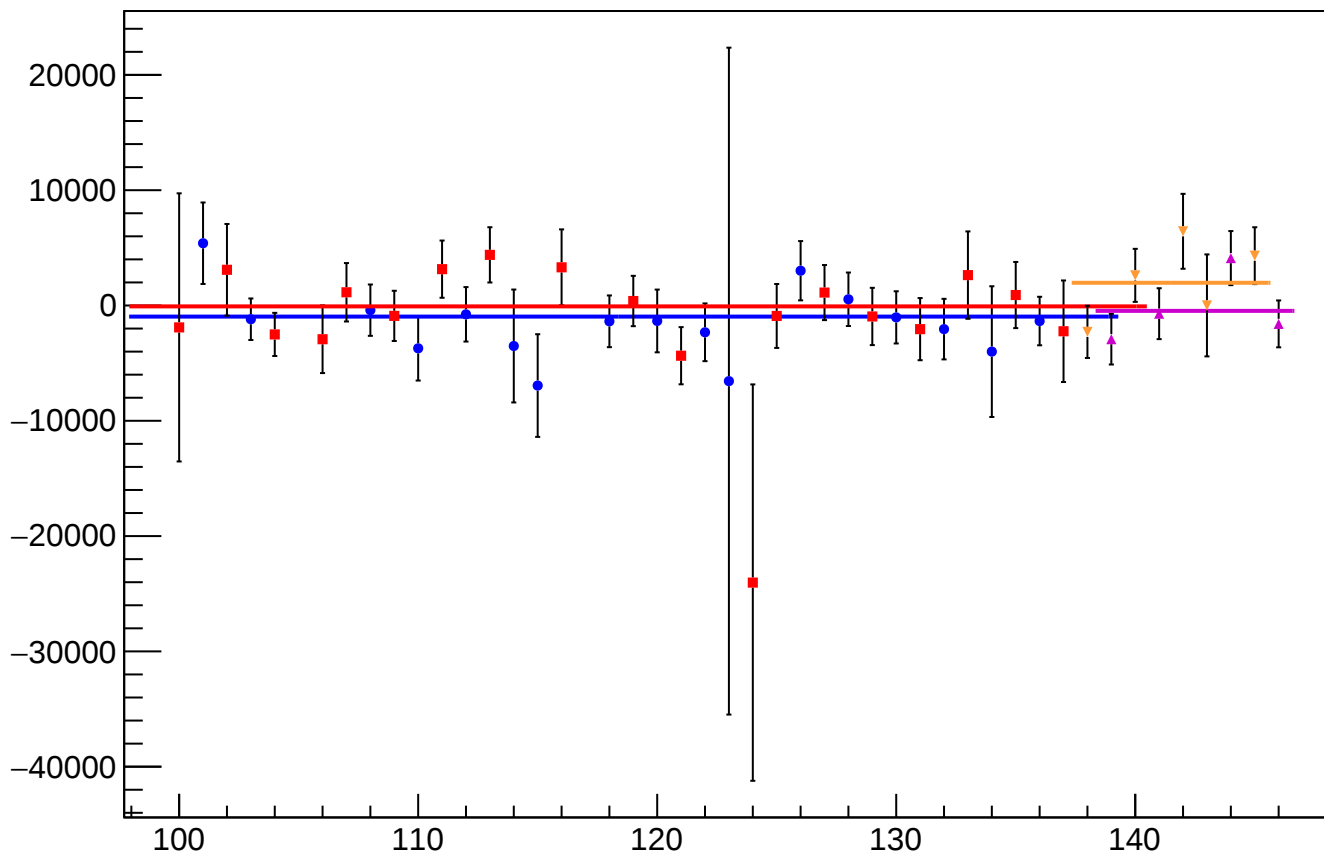
Right: 7332.491 $\pm$ 1.434 χ^2/NDF : 1009125.7/35

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

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

All: 7617.984 $\pm$ 1.220 χ^2/NDF : 1671364.5/44

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: -466.088+/-1093.468 χ^2/NDF : 5.4/3

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

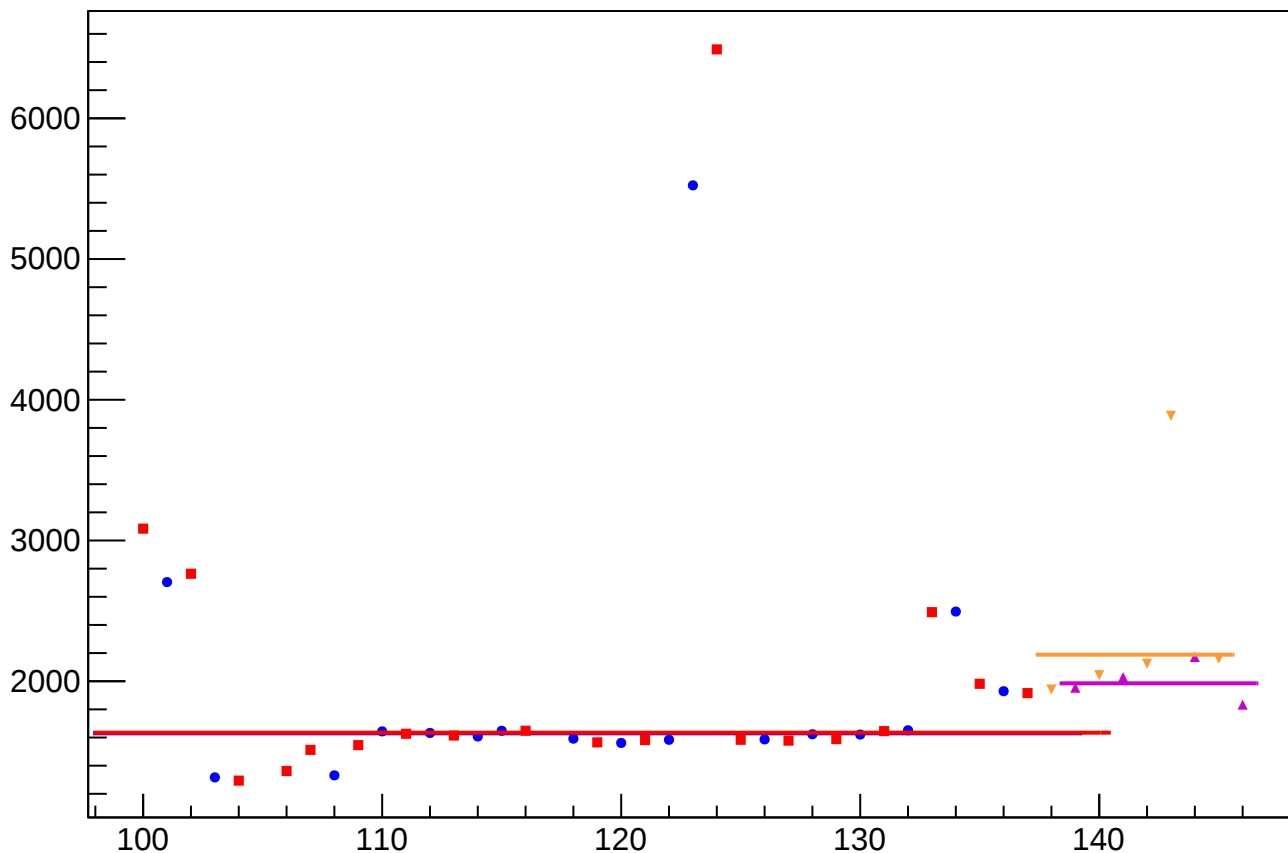
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

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

Out: 369.349+/-560.197 χ^2/NDF : 25.6/23

All: -239.199+/-394.013 χ^2/NDF : 43.6/44

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

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

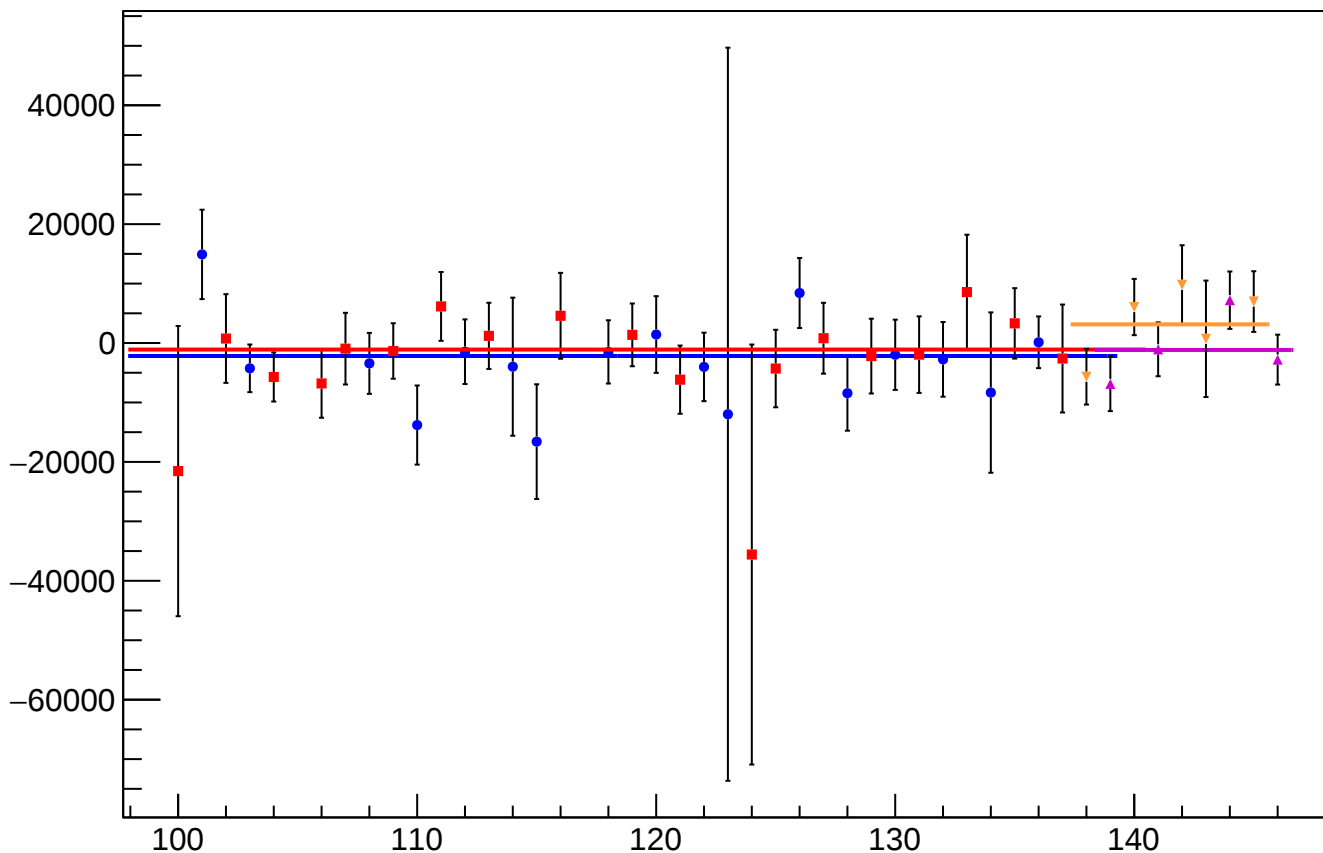
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

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

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

All: 1737.986+/-0.279 χ^2/NDF : 1843870.5/44

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

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

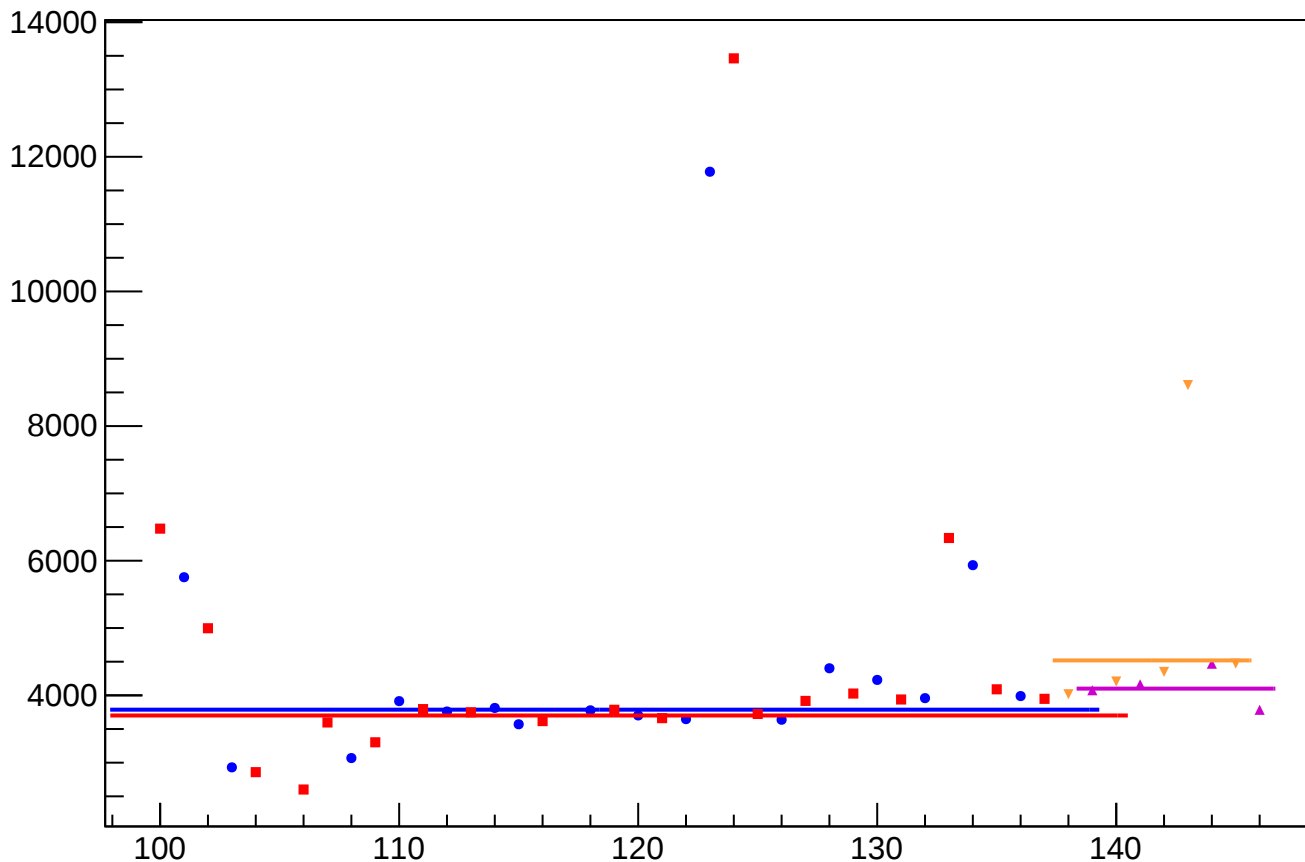
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

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

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

All: -952.348+/-880.890 χ^2/NDF : 38.9/44

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301 $\pm$ 1.056 χ^2/NDF : 392650.8/16

Left Out: 4519.018 $\pm$ 1.759 χ^2/NDF : 381847.8/4

Right Out: 3700.932 $\pm$ 1.018 χ^2/NDF : 581094.9/18

Left In: 4100.114 $\pm$ 1.597 χ^2/NDF : 23450.2/3

Left: 4289.396 $\pm$ 1.182 χ^2/NDF : 436394.7/8

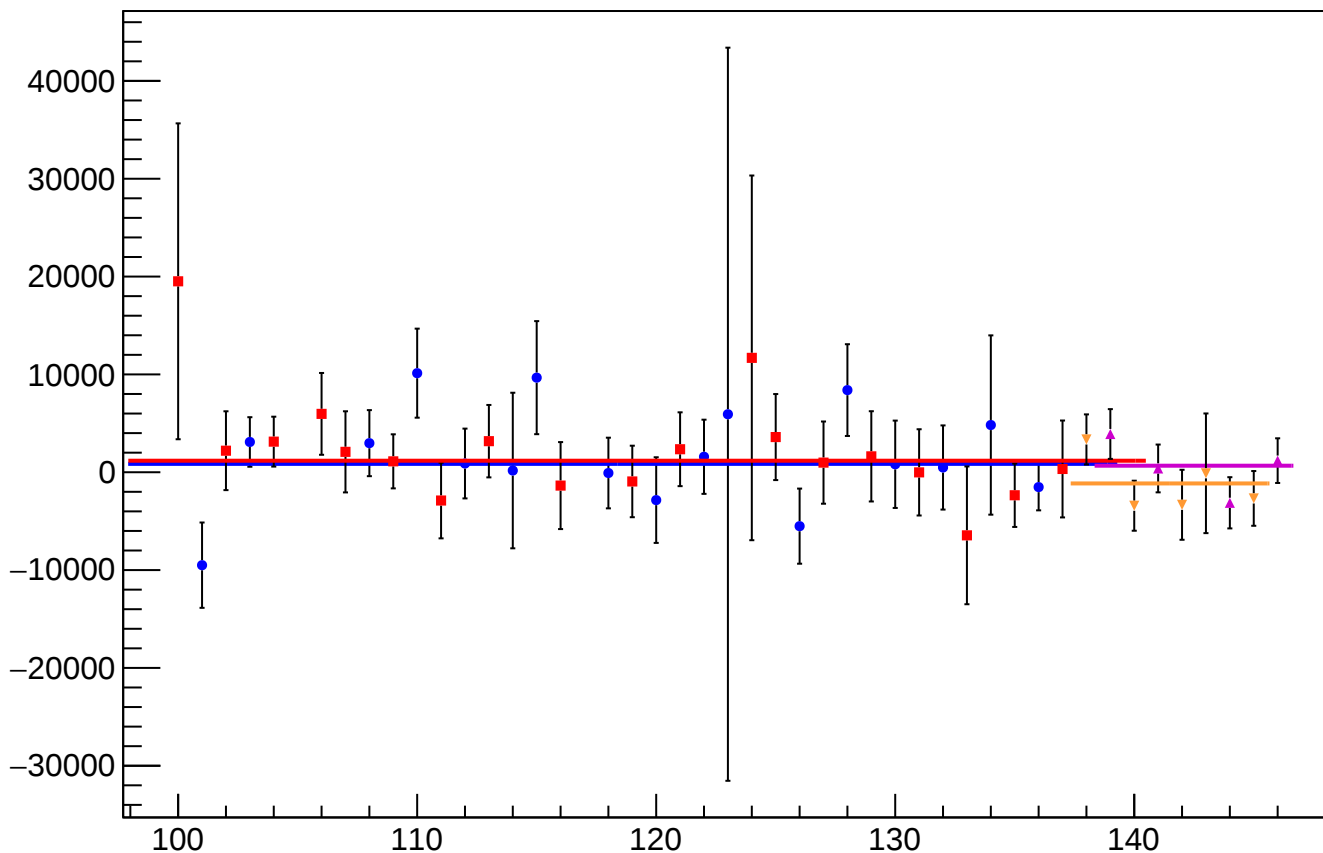
Right: 3742.549 $\pm$ 0.733 χ^2/NDF : 977213.6/35

In: 3882.446 $\pm$ 0.881 χ^2/NDF : 442804.3/20

Out: 3906.257 $\pm$ 0.881 χ^2/NDF : 1125002.6/23

All: 3894.346 $\pm$ 0.623 χ^2/NDF : 1568172.2/4

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: 668.181+/-1230.837 χ^2/NDF : 3.8/3

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

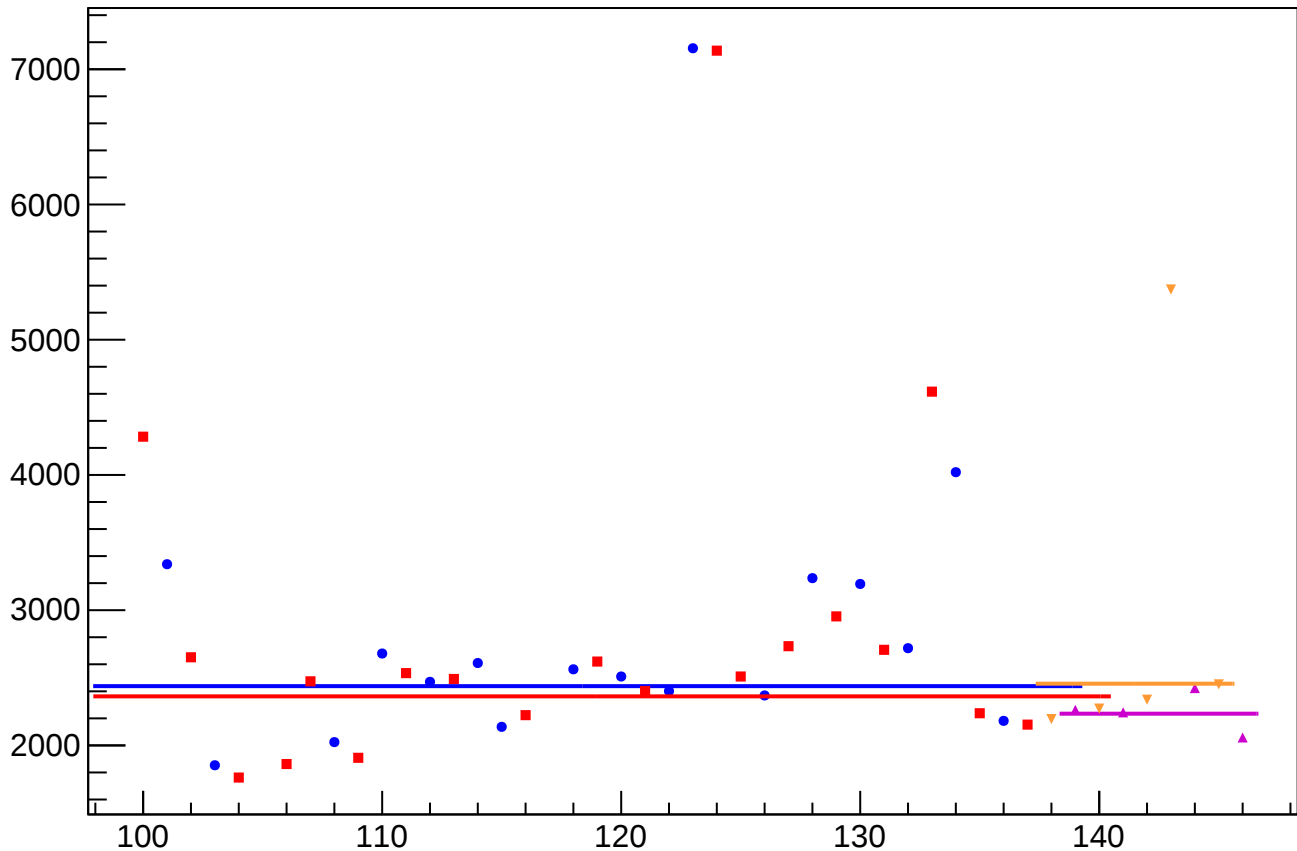
Right: 1023.765+/-667.934 χ^2/NDF : 29.3/35

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

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

All: 616.156+/-539.174 χ^2/NDF : 39.7/44

asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 2234.695 ± 0.870 $\chi^2/\text{NDF}: 22579.8/3$

Left: 2334.279 ± 0.646 $\chi^2/\text{NDF}: 539657.7/8$

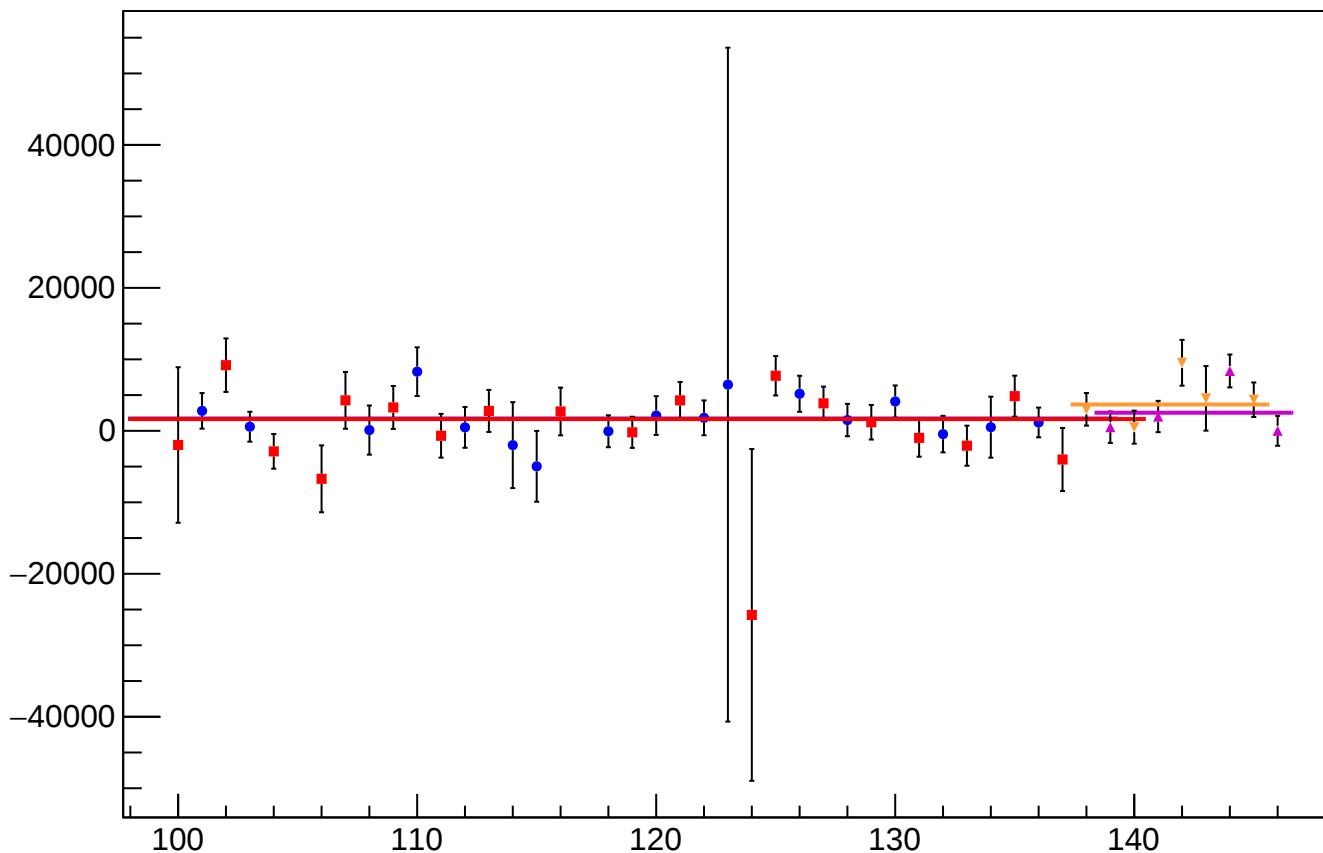
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2360.801 ± 0.537 $\chi^2/\text{NDF}: 533195.6/20$

Out: 2392.301 ± 0.541 $\chi^2/\text{NDF}: 1151919.2/23$

All: 2376.417 ± 0.381 $\chi^2/\text{NDF}: 1686821.3/44$

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: 2534.793+/-1096.385 χ^2/NDF : 8.8/3

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

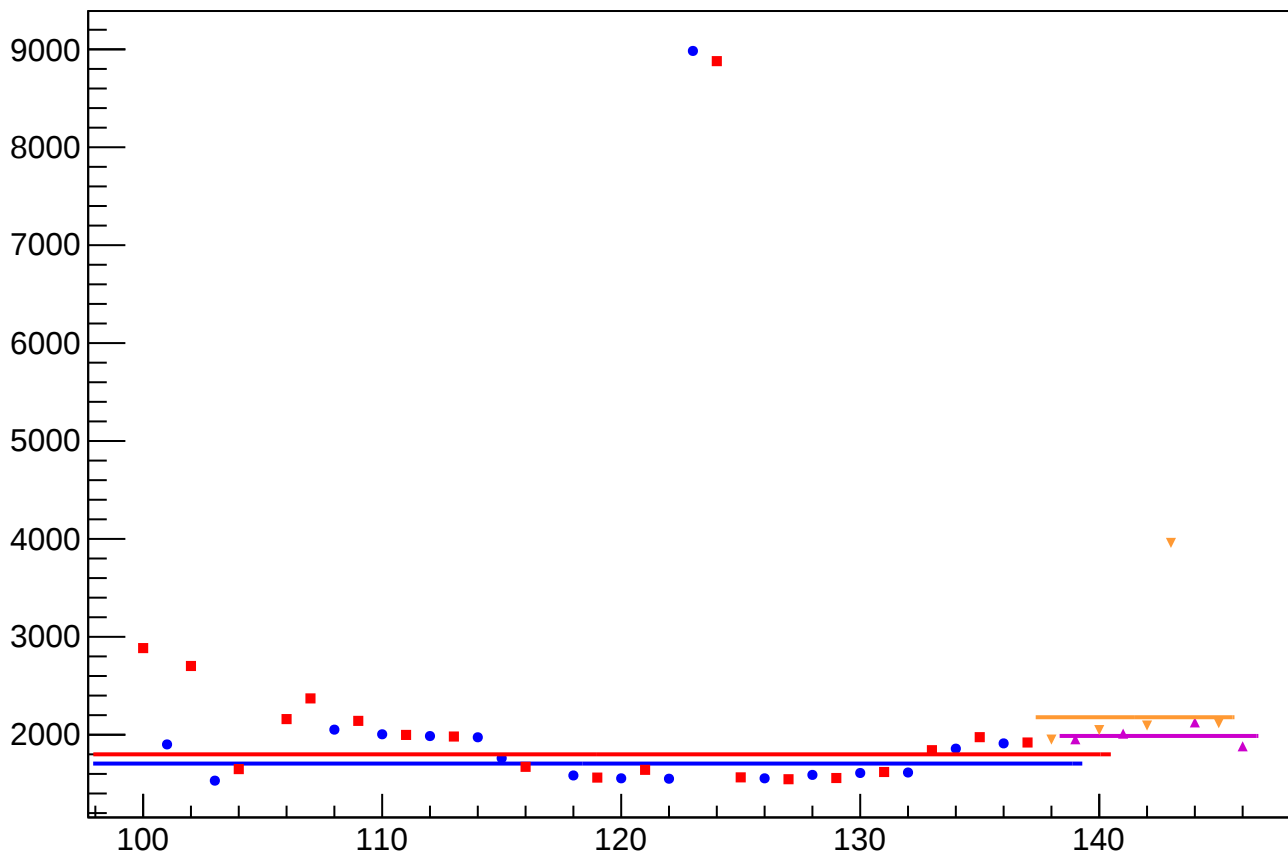
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

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

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

All: 2042.781+/-413.432 χ^2/NDF : 55.2/44

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

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

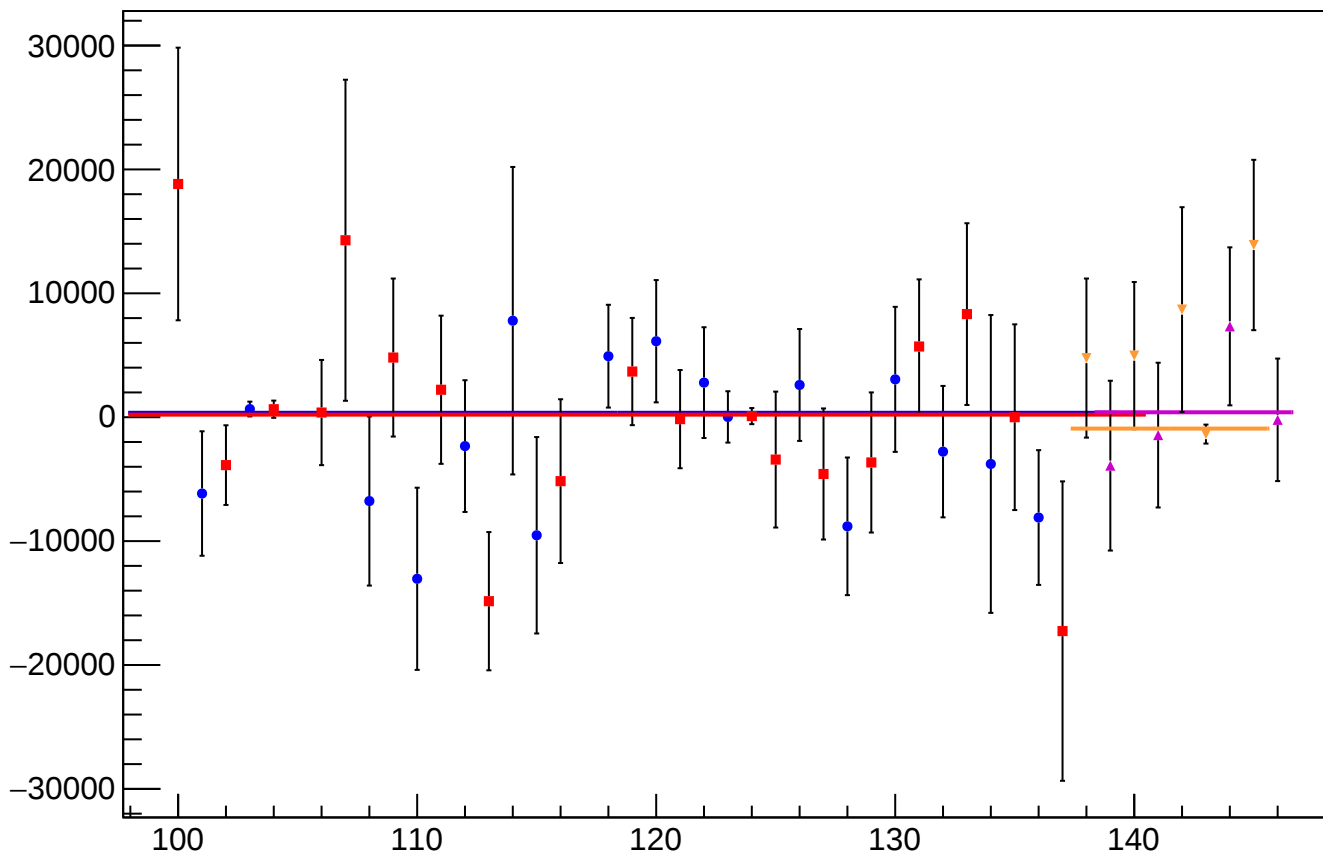
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

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

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

All: 1835.538+/-0.292 χ^2/NDF : 1369760.0/44

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

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

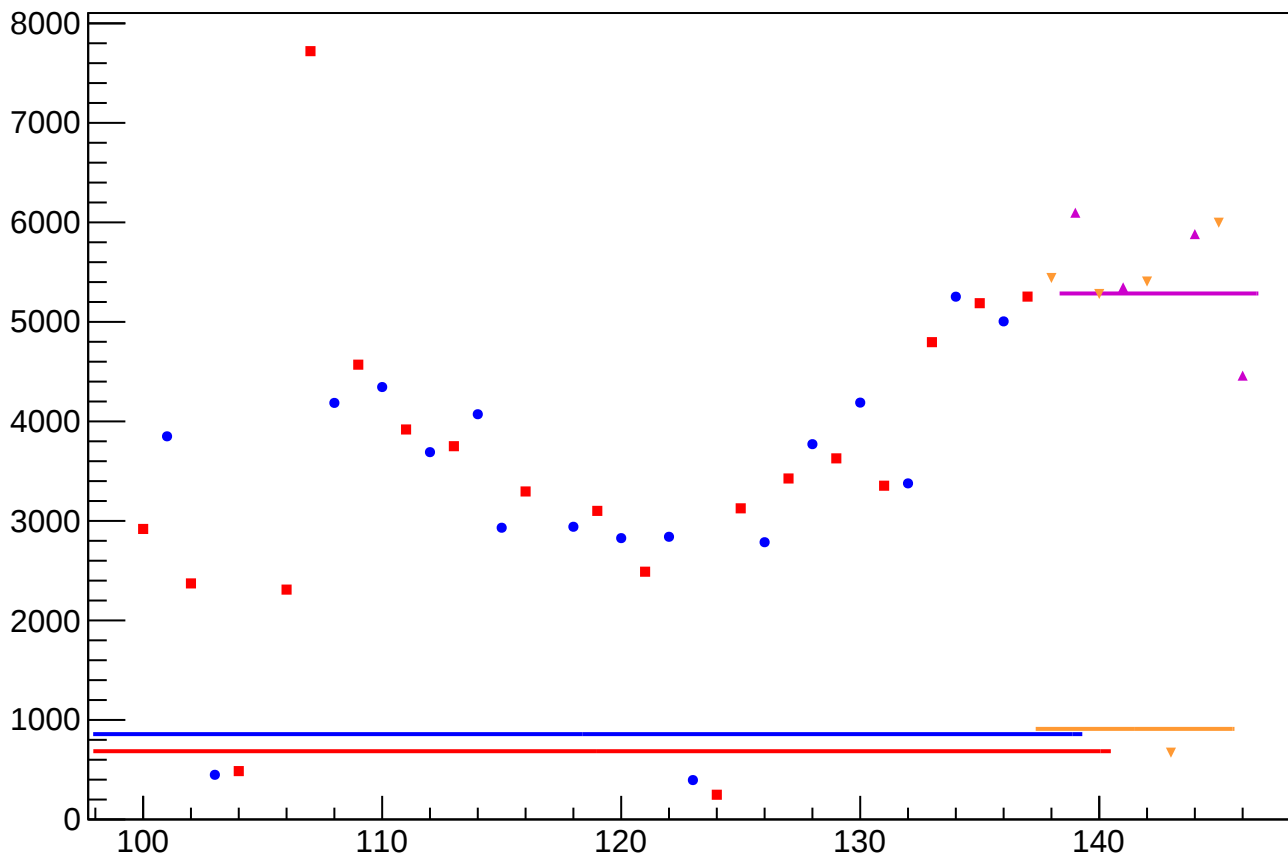
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

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

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

All: 68.096 $\pm$ 309.512 χ^2 /NDF: 50.8/44

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: 5285.571+/-2.075 χ^2/NDF : 101549.5/3

Left: 1176.357+/-0.512 χ^2/NDF : 8236751.2/8

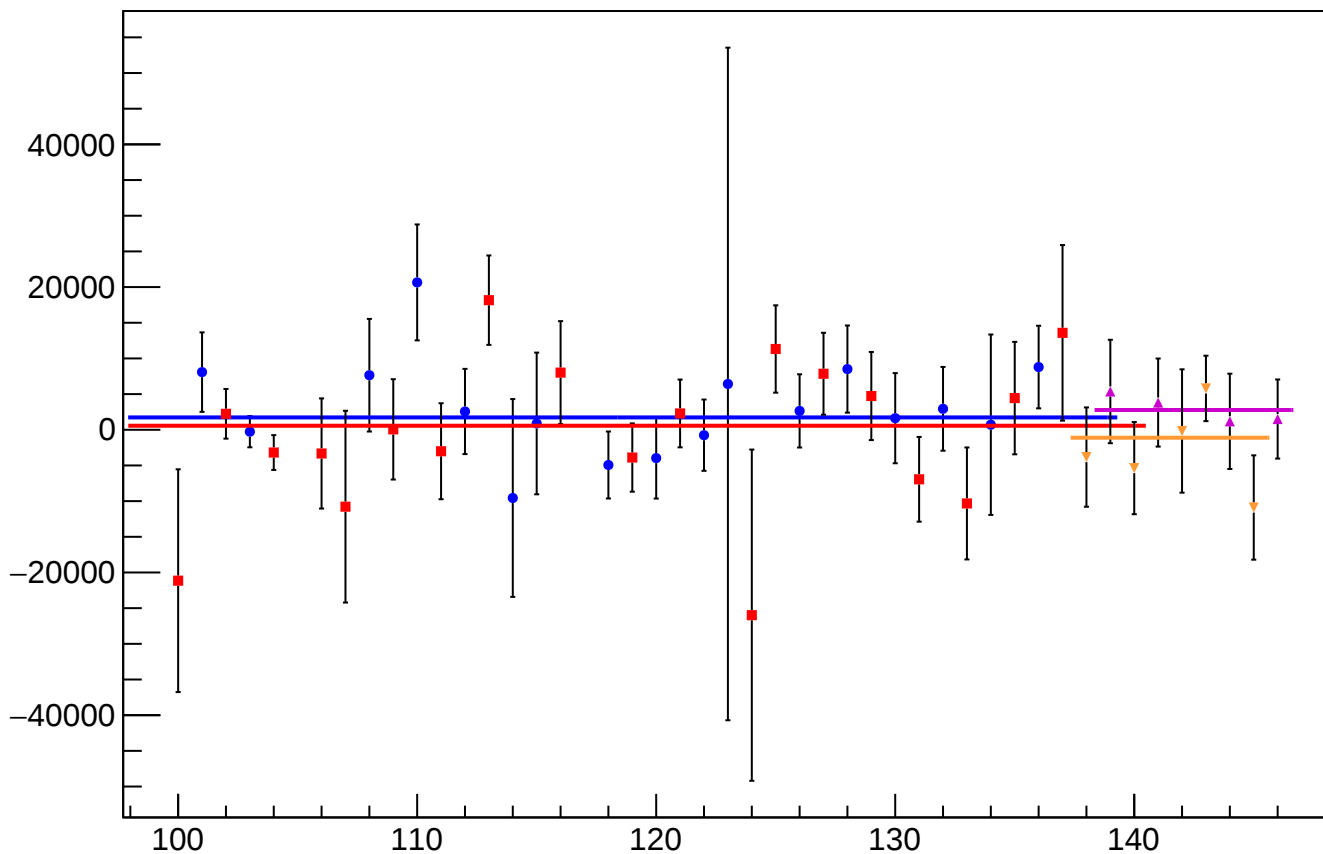
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

In: 998.966+/-0.371 χ^2/NDF : 12684289.0/20

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

All: 833.322+/-0.219 χ^2/NDF : 26544532.7/4

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: 2771.479+/-3158.281 χ^2/NDF : 0.3/3

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

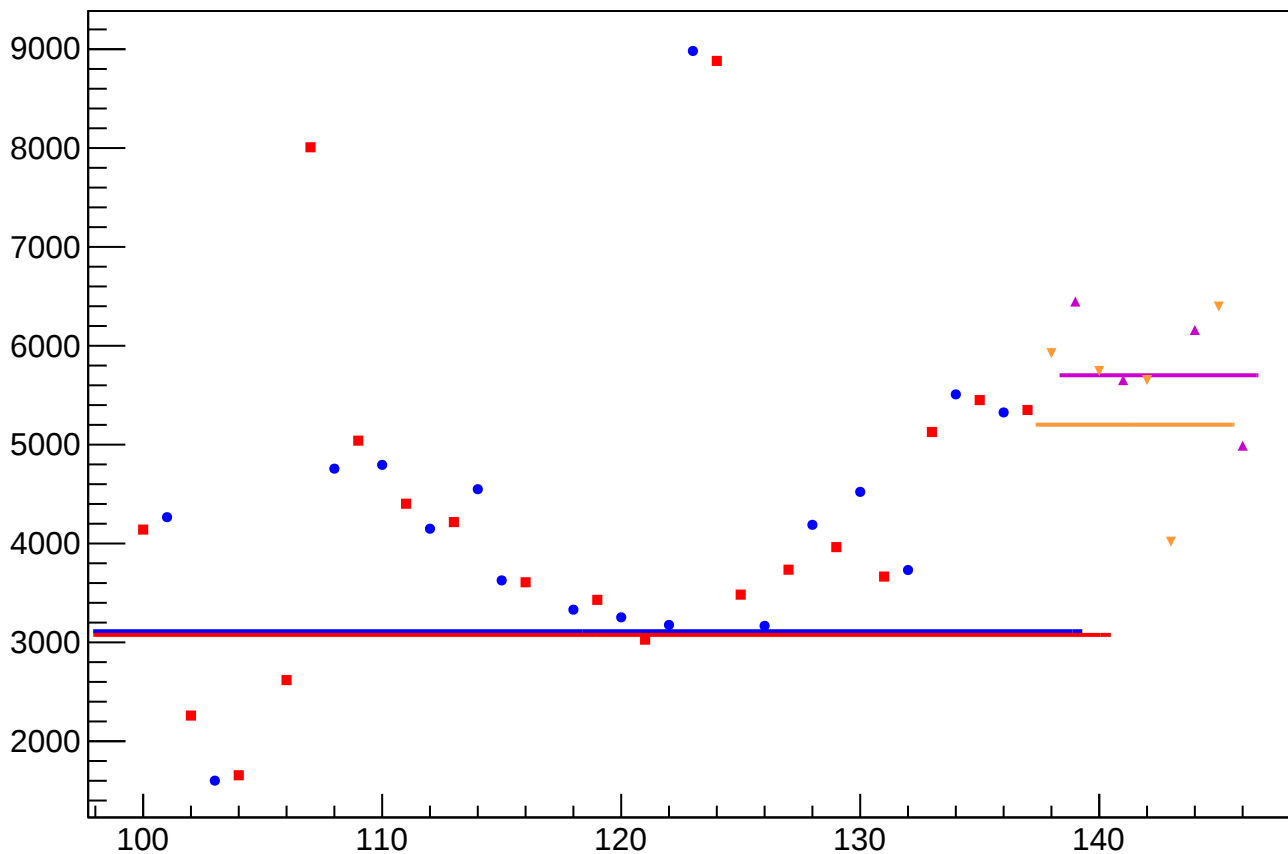
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

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

All: 1059.573+/-840.232 χ^2/NDF : 48.2/44

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5201.982 $\pm$ 2.006 χ^2 /NDF:227842.9/4

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

Left In: 5701.801 $\pm$ 2.233 χ^2 /NDF:63722.3/3

Left: 5425.154 $\pm$ 1.492 χ^2 /NDF: 319290.0/8

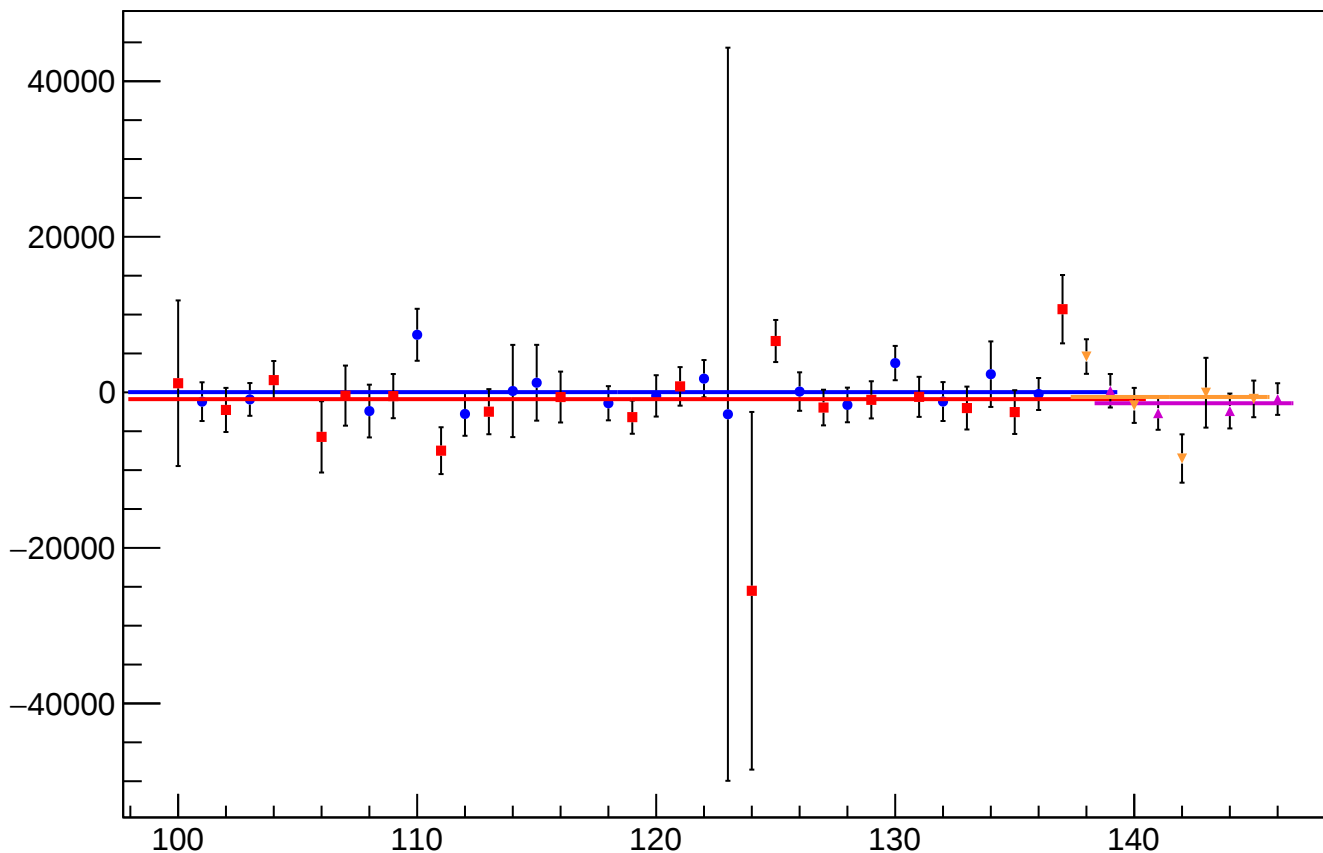
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 3490.071 $\pm$ 0.853 χ^2 /NDF:3096418.7/20

Out: 3429.660 $\pm$ 0.818 χ^2 /NDF:3175498.9/23

All: 3458.629 $\pm$ 0.590 χ^2 /NDF: 6274530.5/44

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: -1400.220+/-1069.894 χ^2/NDF :1.2/3

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

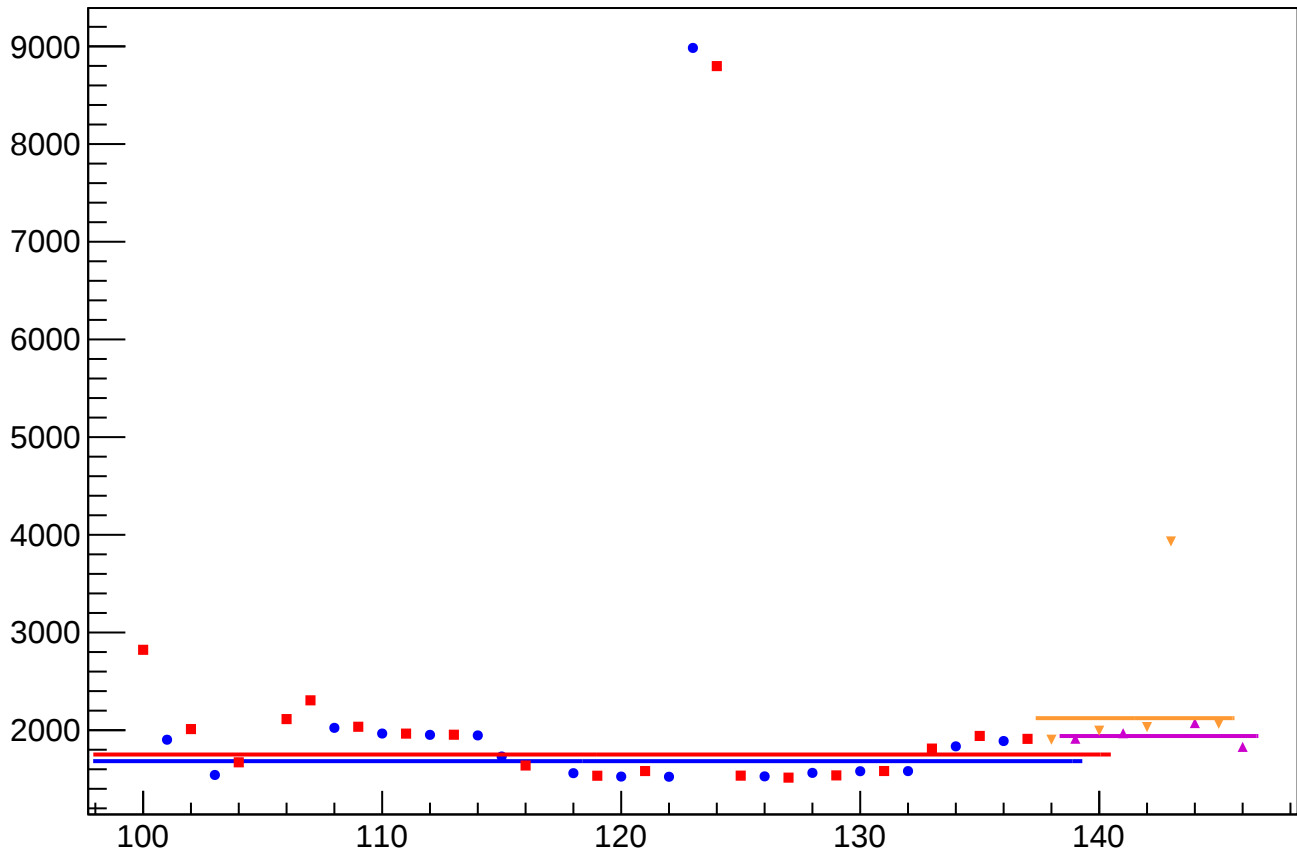
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

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

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

All: -575.355+/-404.248 χ^2/NDF : 52.5/44

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

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

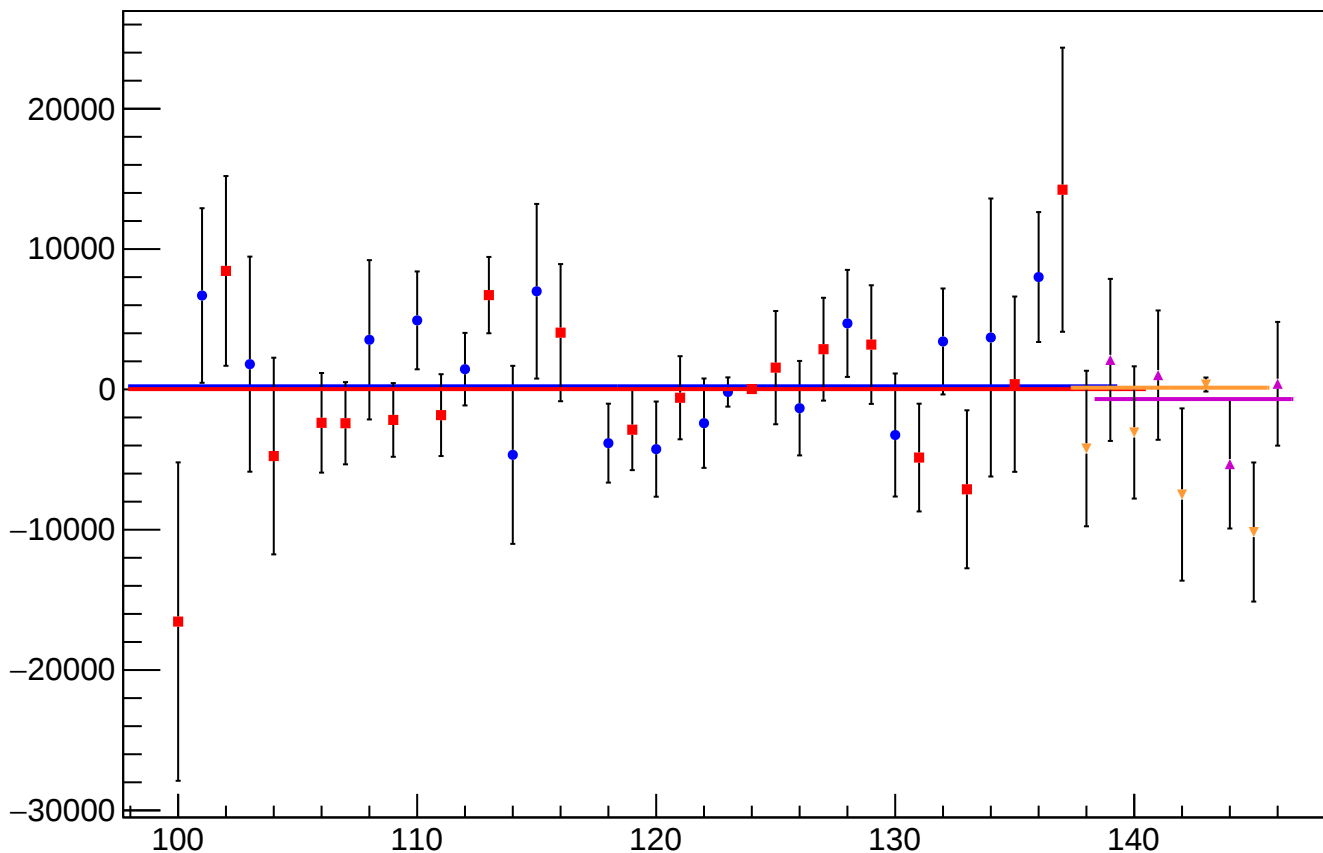
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

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

All: 1796.958+/-0.286 χ^2/NDF : 1251644.7/44

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

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

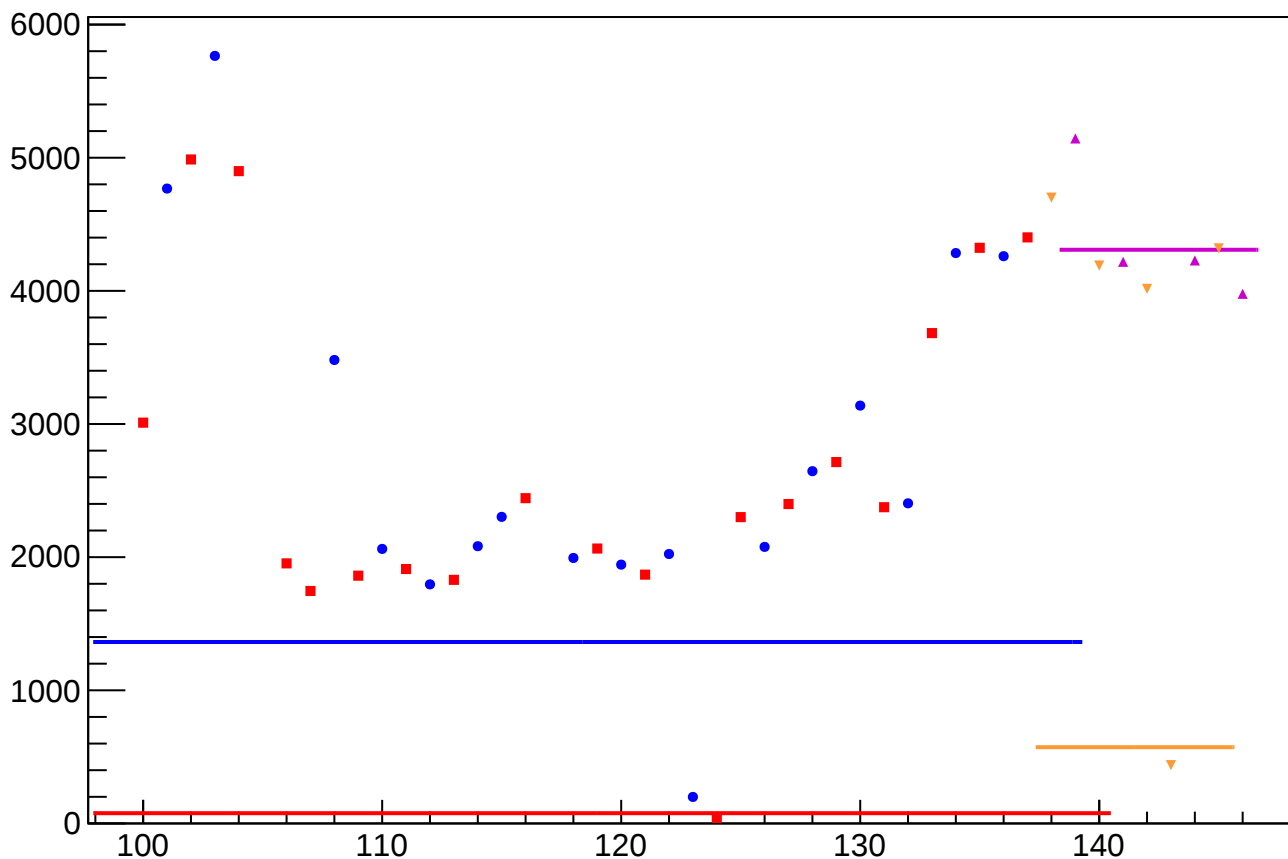
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

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

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

All: 28.476 $\pm$ 109.745 χ^2 /NDF: 45.3/44

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

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

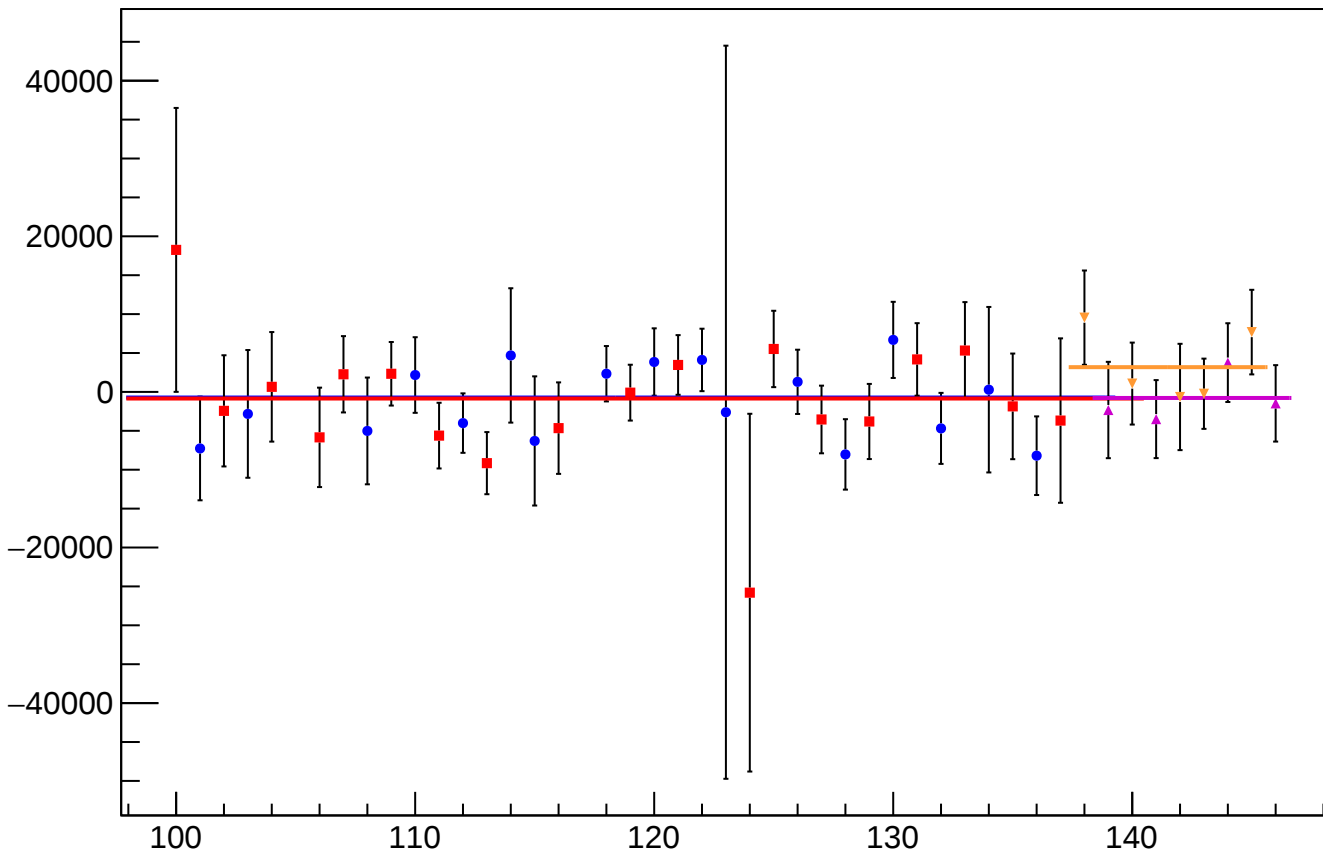
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

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

All: 140.707 $\pm$ 0.078 χ^2 /NDF: 37778996.4/44

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: -778.054+/-2614.087 χ^2/NDF :1.2/3

Left: 1335.511 ± 1784.694 χ^2/NDF : 5.2/8

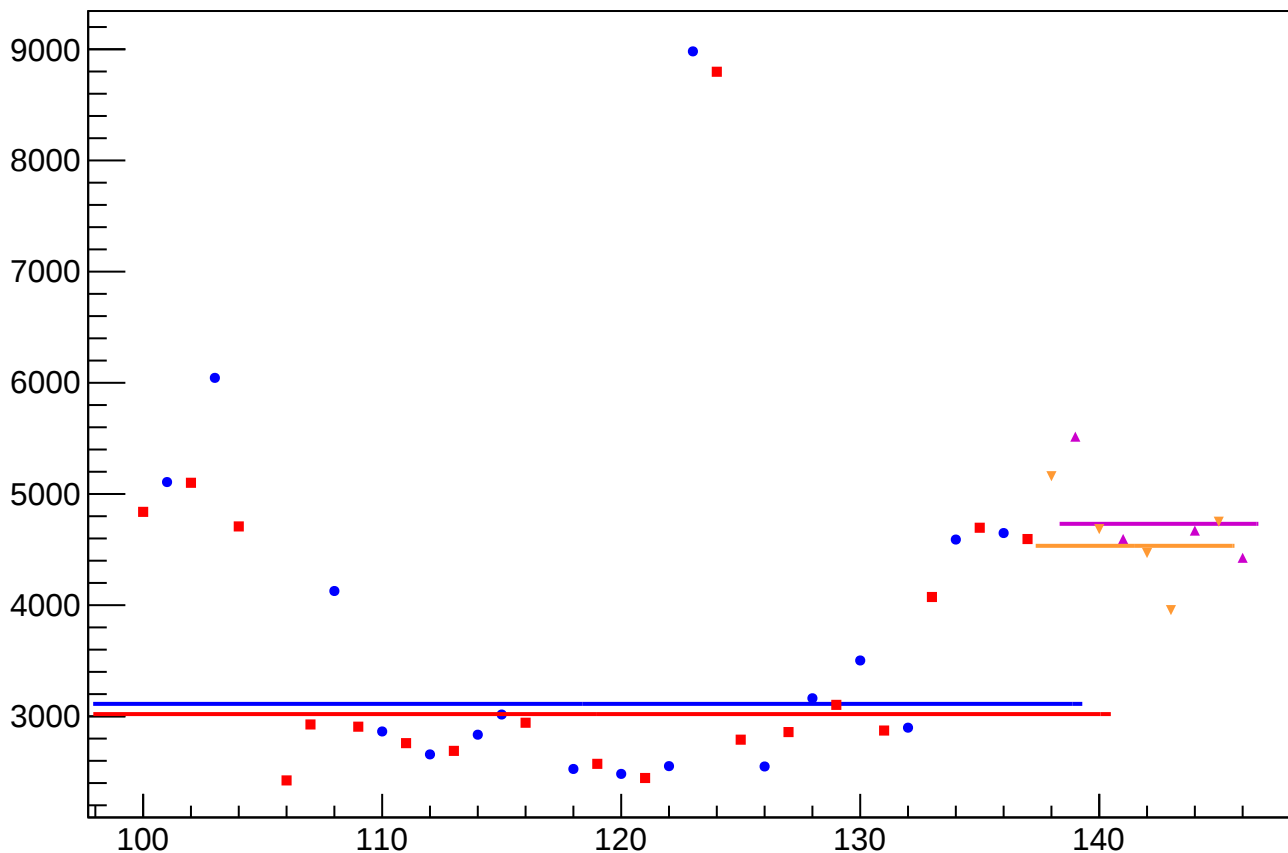
Right: -788.845 ± 863.438 χ^2/NDF : 30.8/35

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

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

All: -385.919 ± 777.253 χ^2/NDF : 37.2/44

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: 4731.637+/-1.848 χ^2/NDF : 41567.3/3

Left: 4626.041+/-1.262 χ^2/NDF : 106852.0/8

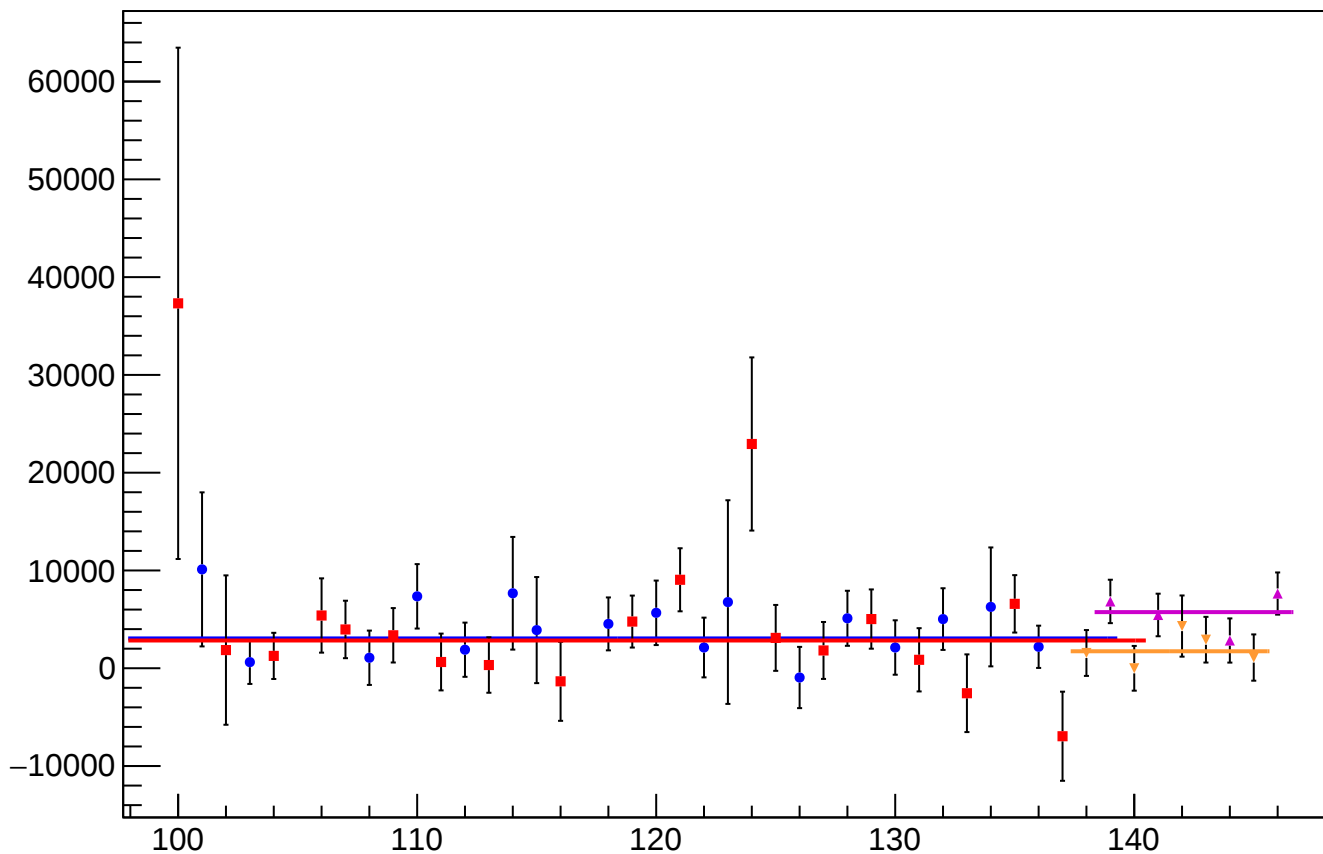
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3414.592+/-0.799 χ^2/NDF : 1624297.1/20

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

All: 3356.653+/-0.547 χ^2/NDF : 3110780.7/44

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

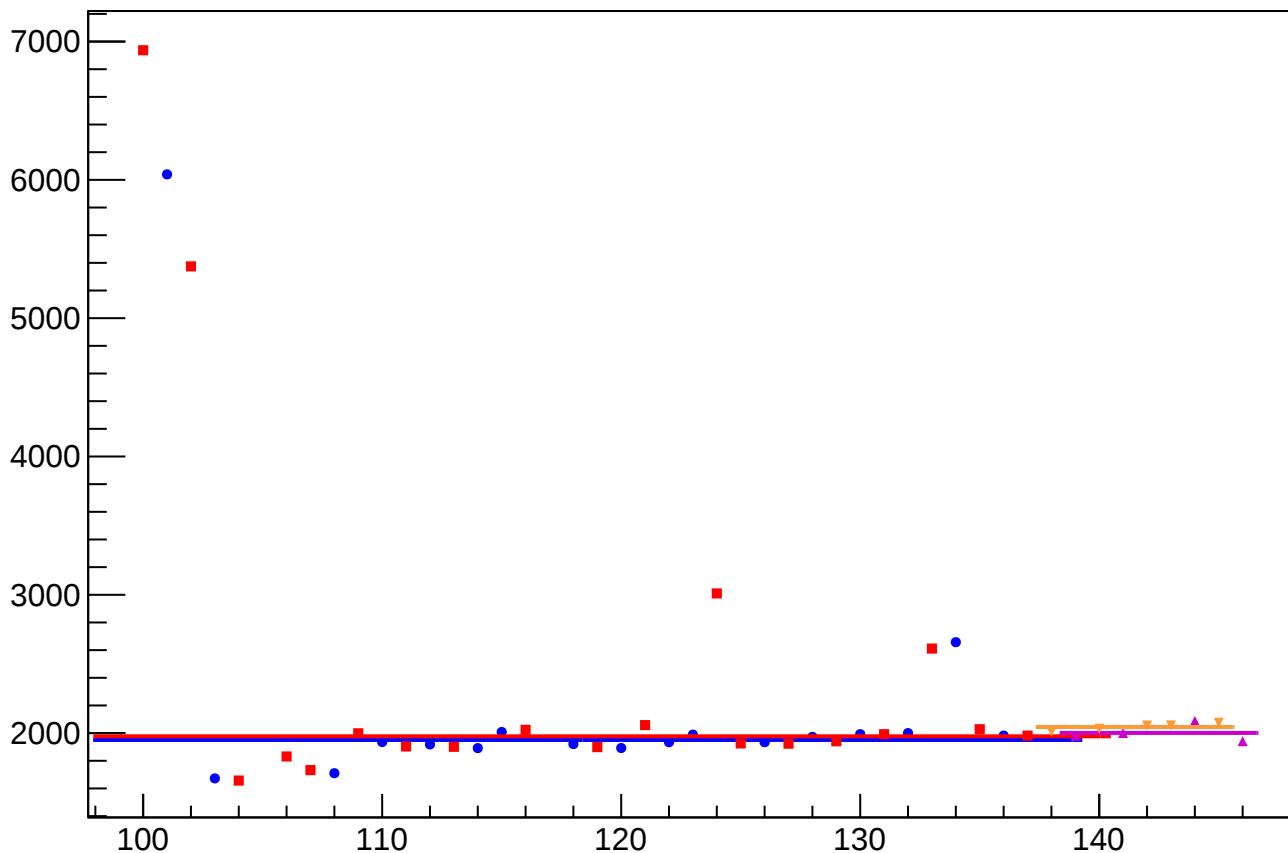
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

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

Out: 2475.932+/-627.278 χ^2/NDF : 26.0/23

All: 3200.495+/-445.309 χ^2/NDF : 44.7/44

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

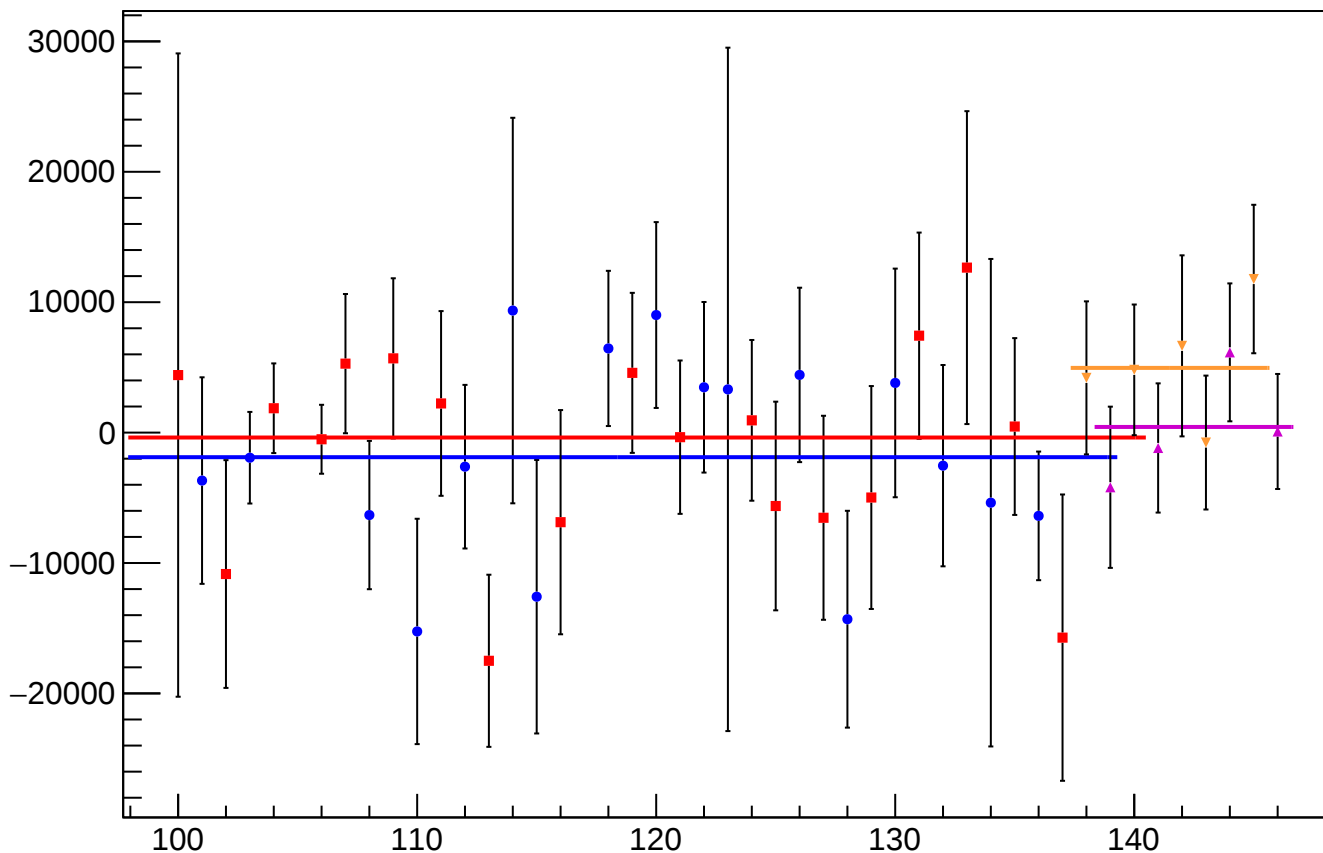
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

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

Out: 1999.123 $\pm$ 0.443 χ^2 /NDF:613653.5/23

All: 1983.411 $\pm$ 0.315 χ^2 /NDF: 1238821.0/44

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: 4961.854+/-2512.232 χ^2/NDF : 2.8/4

Right Out: -376.861+/-1359.615 χ^2/NDF : 17.6/18

Left In: 433.278+/-2547.675 χ^2/NDF : 1.8/3

Left: 2729.286+/-1788.815 χ^2/NDF : 6.2/8

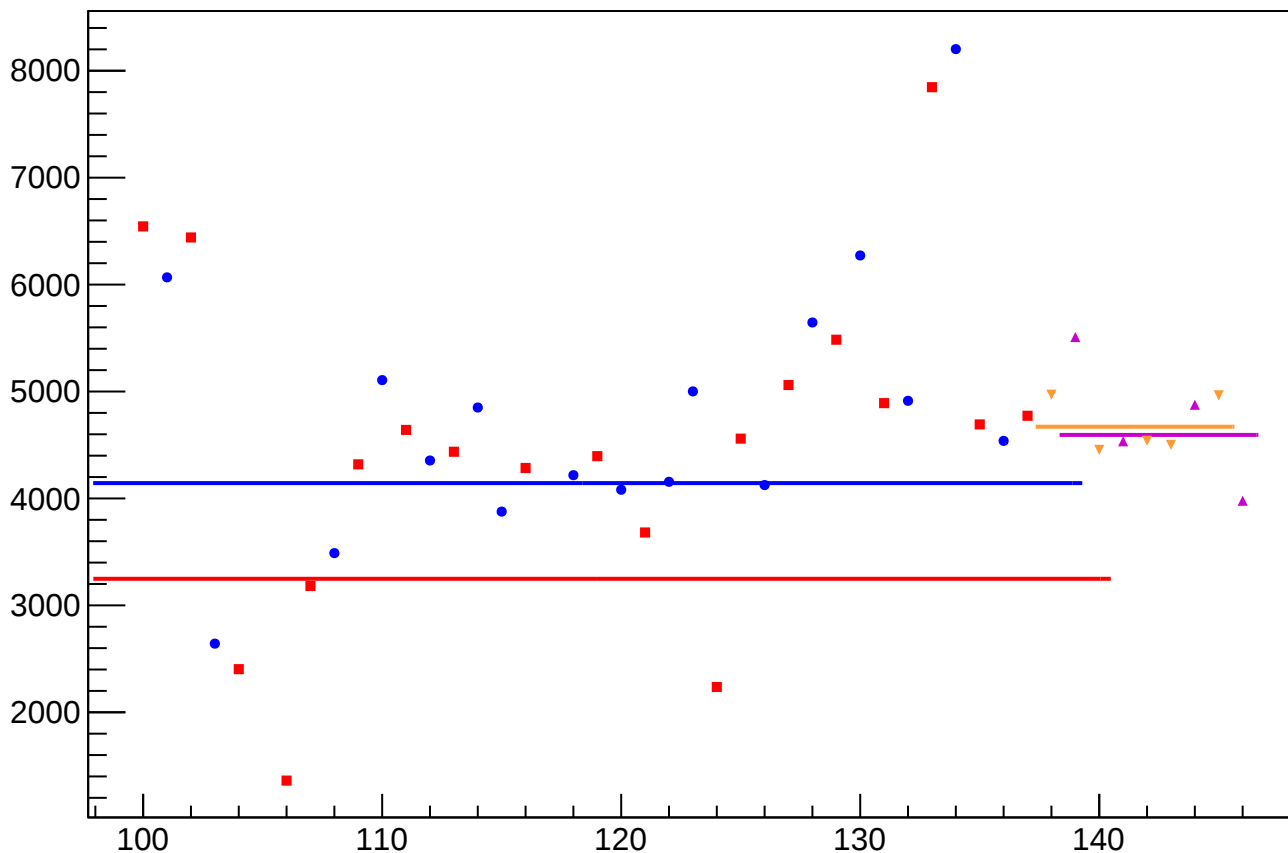
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -1195.479+/-1389.626 χ^2/NDF : 16.5/20

Out: 832.584+/-1195.733 χ^2/NDF : 23.9/23

All: -30.201+/-906.376 χ^2/NDF : 41.6/44

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

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

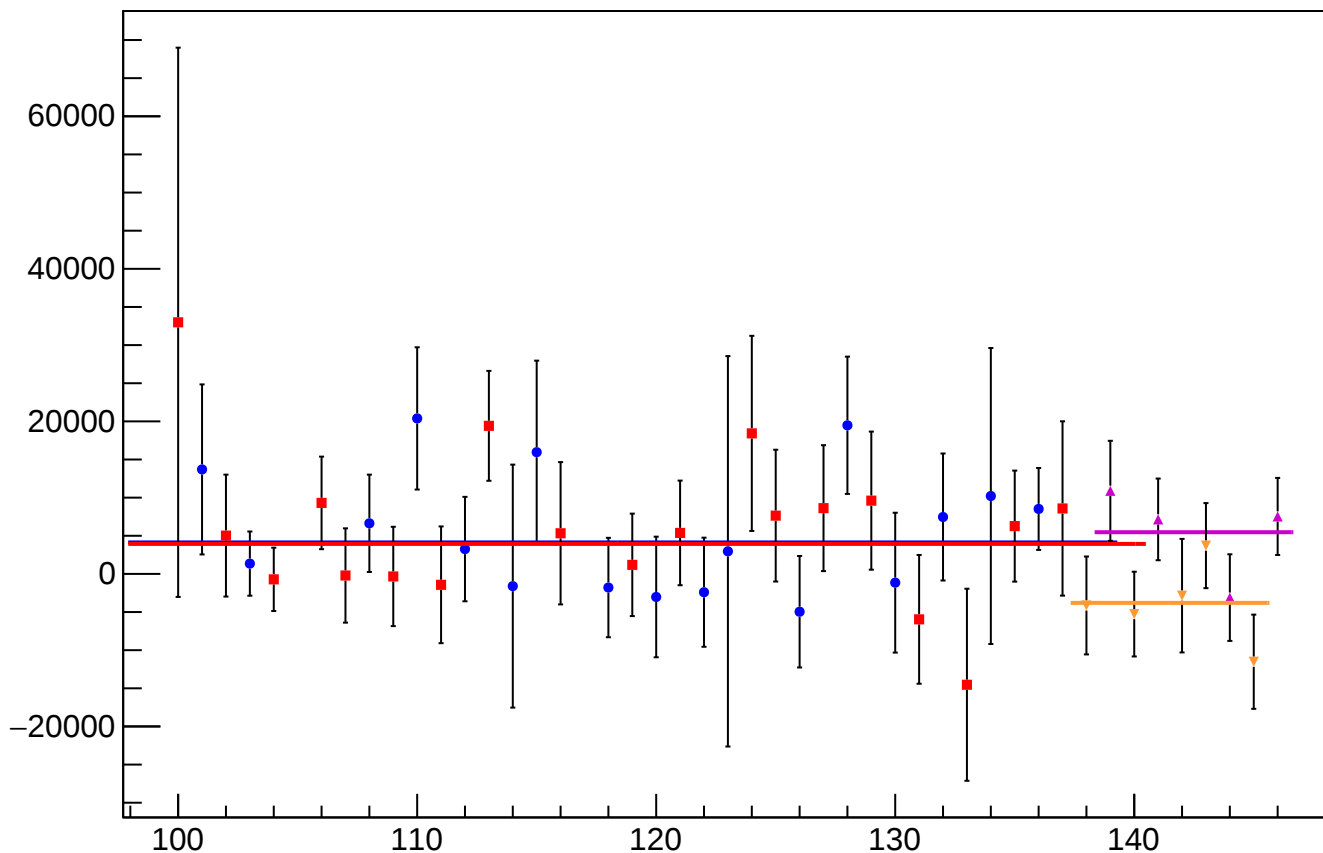
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

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

All: 3871.454+/-0.641 χ^2/NDF : 4416556.9/44

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -3795.280 $\pm$ 2741.213 χ^2 /NDF:3.5/4

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

Left In: 5469.066 $\pm$ 2791.218 χ^2 /NDF:3.2/3

Left: 753.165 $\pm$ 1955.770 χ^2 /NDF: 12.3/8

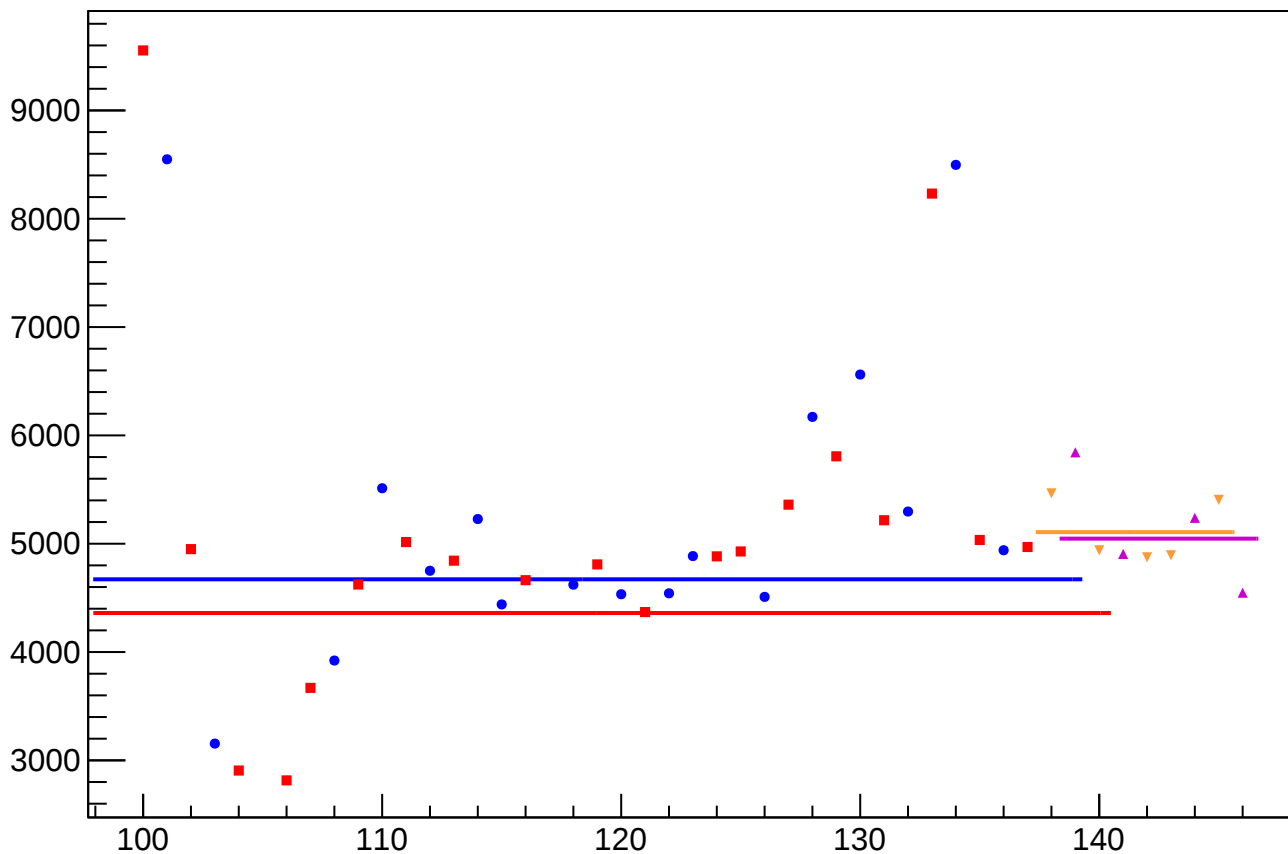
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 4540.380 $\pm$ 1549.584 χ^2 /NDF:17.1/20

Out: 1740.088 $\pm$ 1460.282 χ^2 /NDF:24.1/23

All: 3057.223 $\pm$ 1062.744 χ^2 /NDF: 42.9/44

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

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

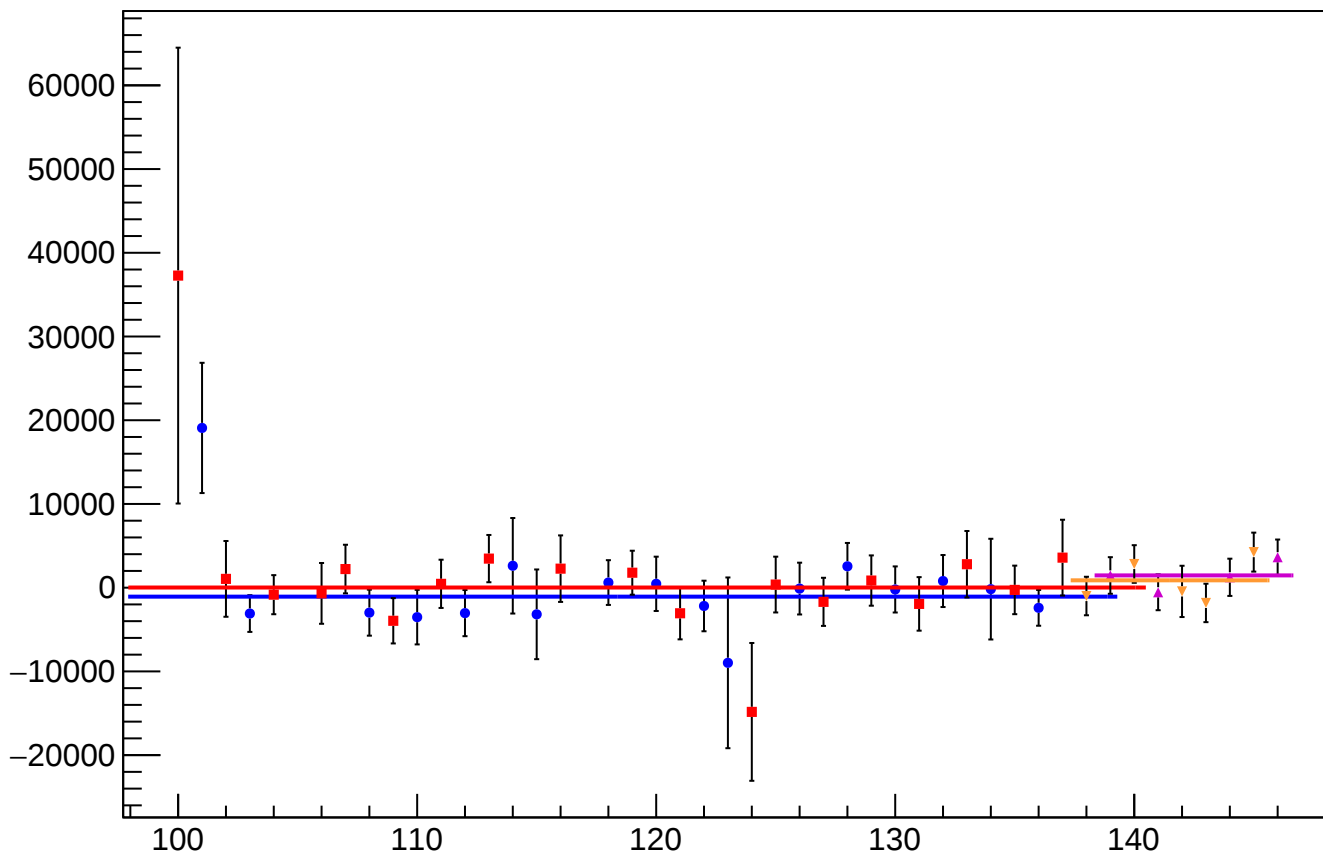
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

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

All: 4671.978+/-0.750 χ^2/NDF : 1842960.8/44

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

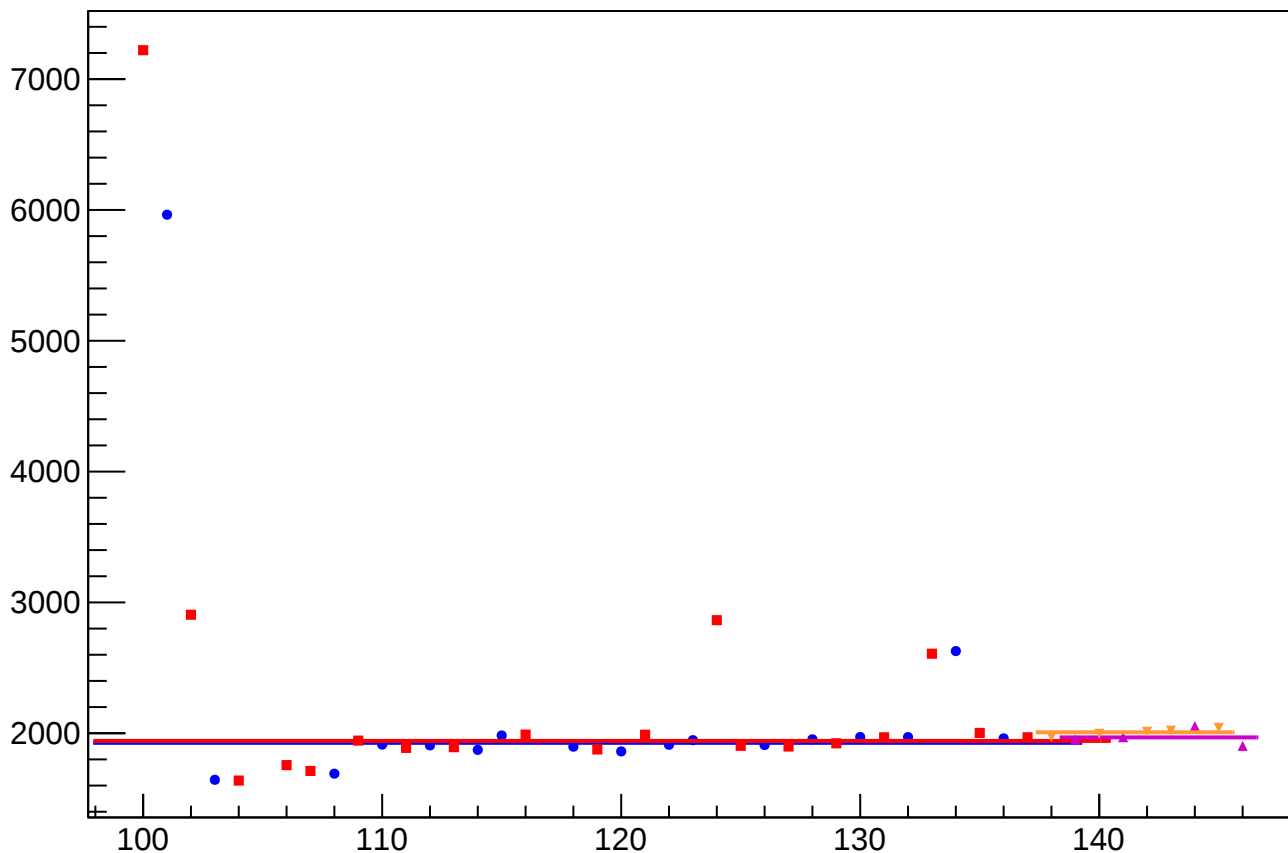
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

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

Out: 299.907 ± 613.598 $\chi^2/\text{NDF}: 18.8/23$

All: 39.664 ± 437.393 $\chi^2/\text{NDF}: 38.5/44$

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: 1968.231+/-0.766 χ^2/NDF : 4993.5/3

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

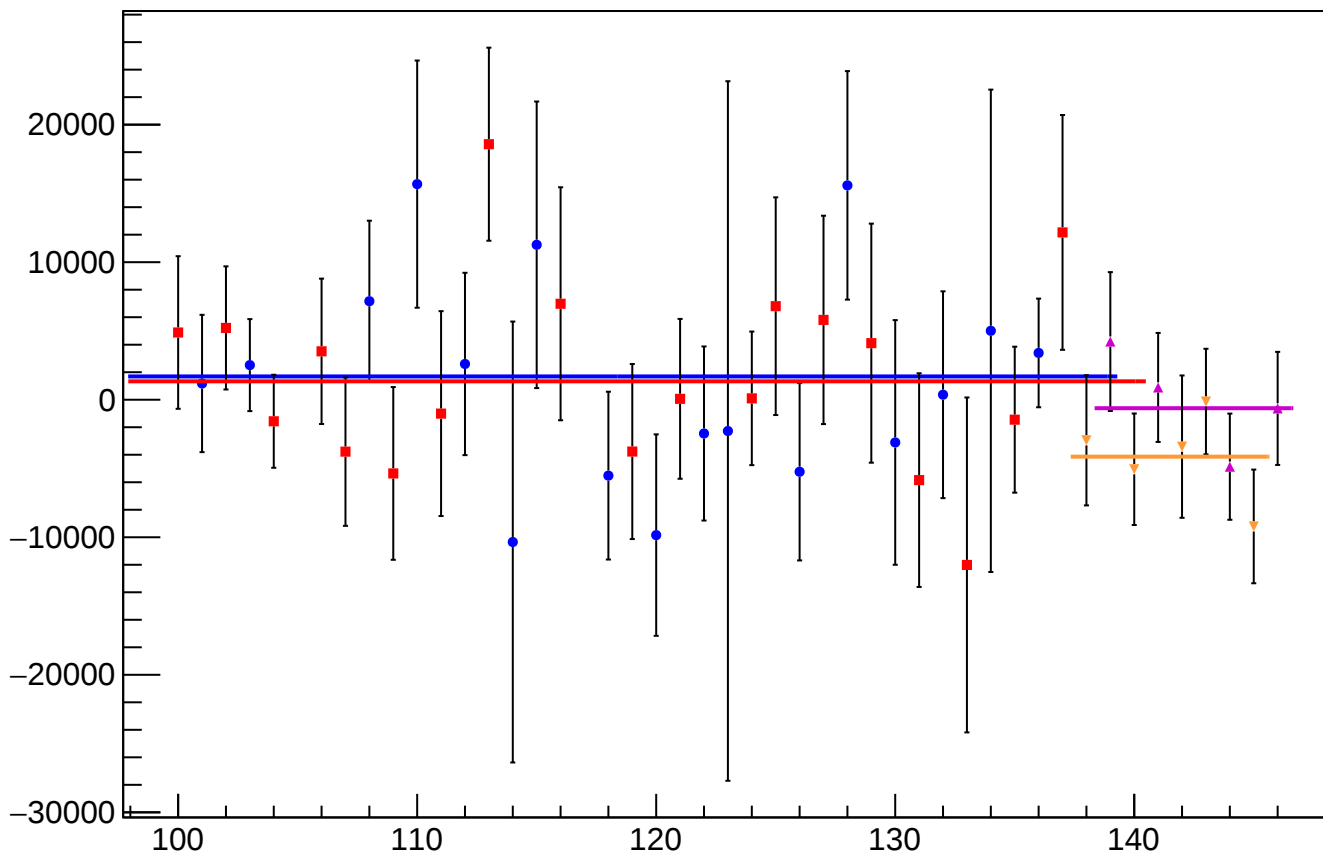
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

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

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

All: 1951.901+/-0.309 χ^2/NDF : 935805.4/44

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

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

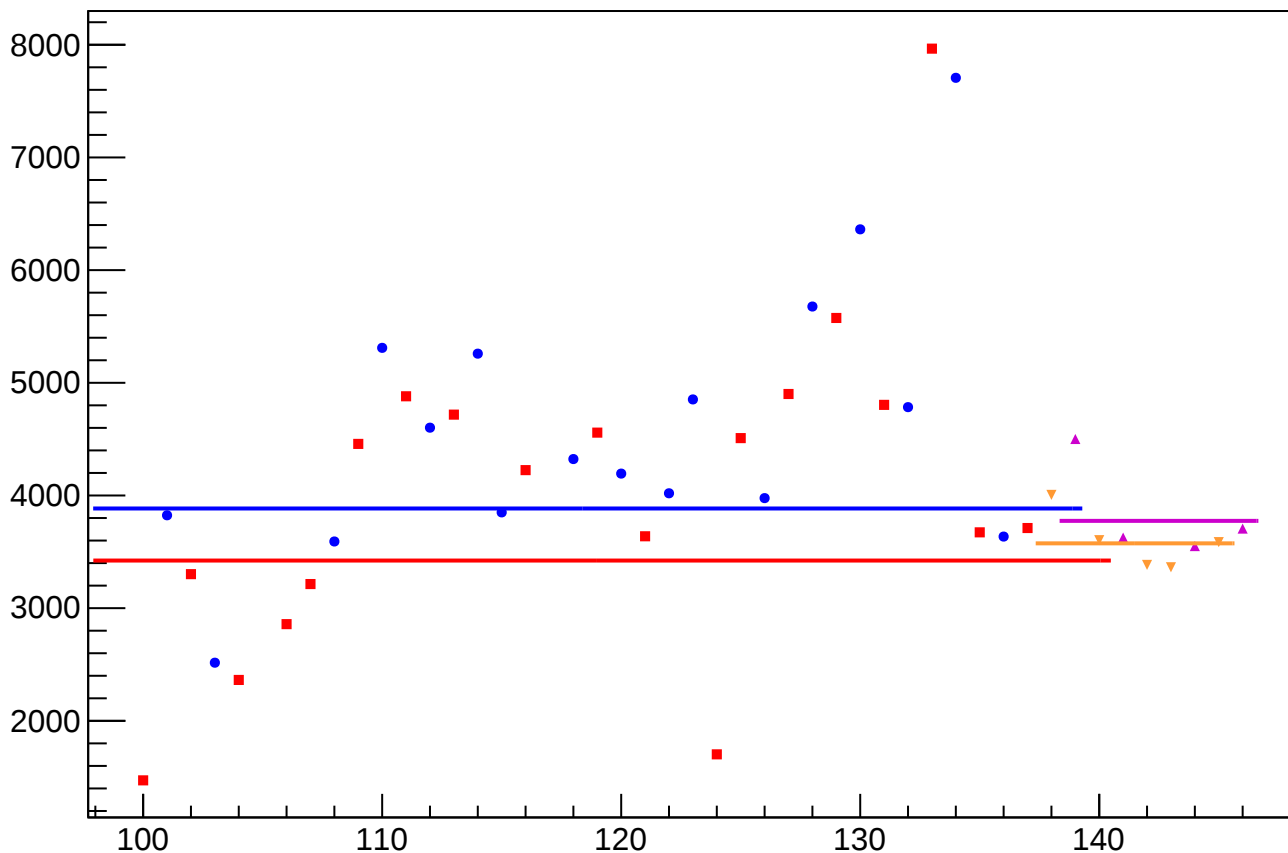
Right: 1493.873 $\pm$ 1026.648 χ^2 /NDF: 30.0/35

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

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

All: 111.195 $\pm$ 831.214 χ^2 /NDF: 41.8/44

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 3422.628+/-0.968 χ^2/NDF : 1590296.5/18

Left In: 3774.749+/-1.477 χ^2/NDF : 51535.4/3

Left: 3666.945+/-1.001 χ^2/NDF : 86884.6/8

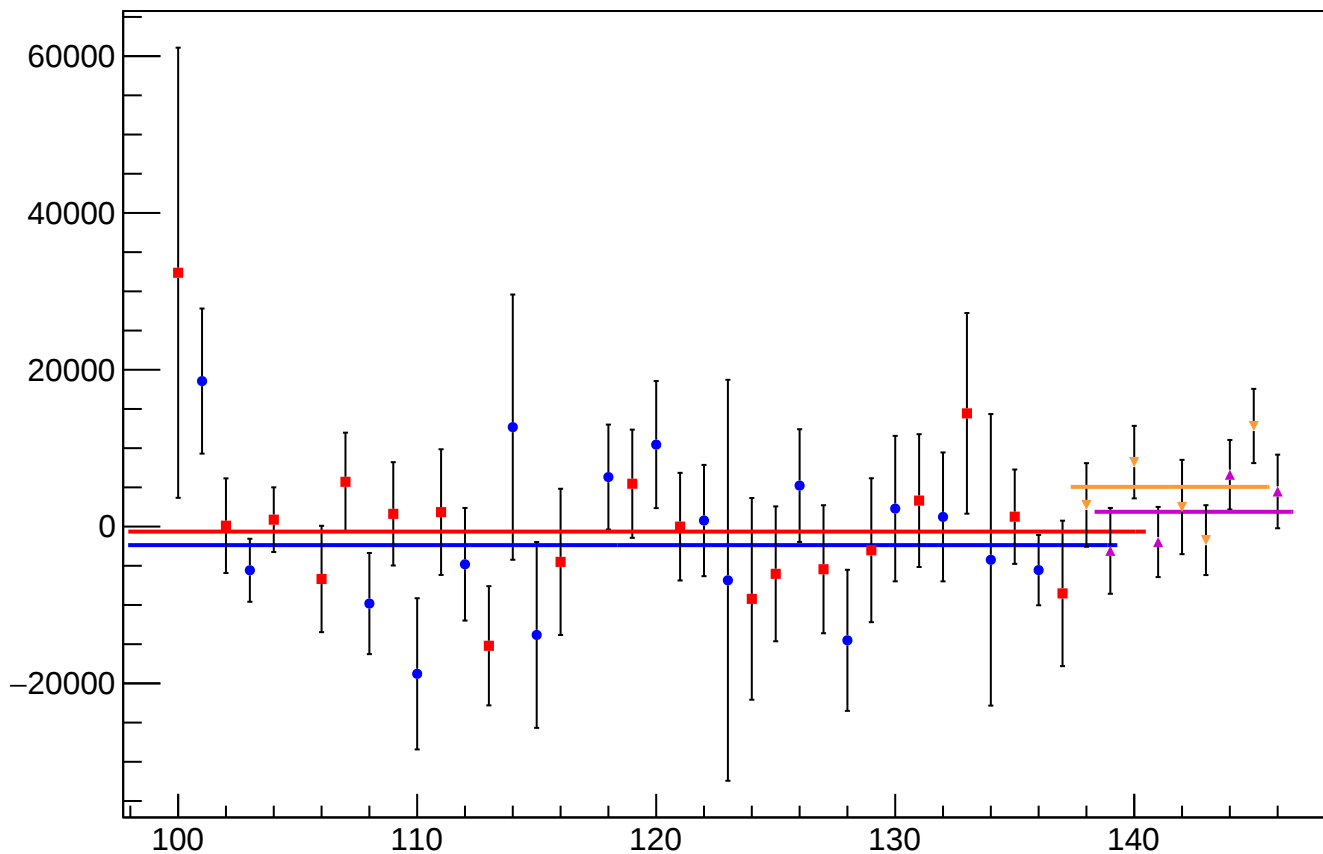
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 3845.526+/-0.881 χ^2/NDF : 881663.7/20

Out: 3473.812+/-0.789 χ^2/NDF : 1624116.7/23

All: 3639.315+/-0.588 χ^2/NDF : 2604572.5/44

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

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

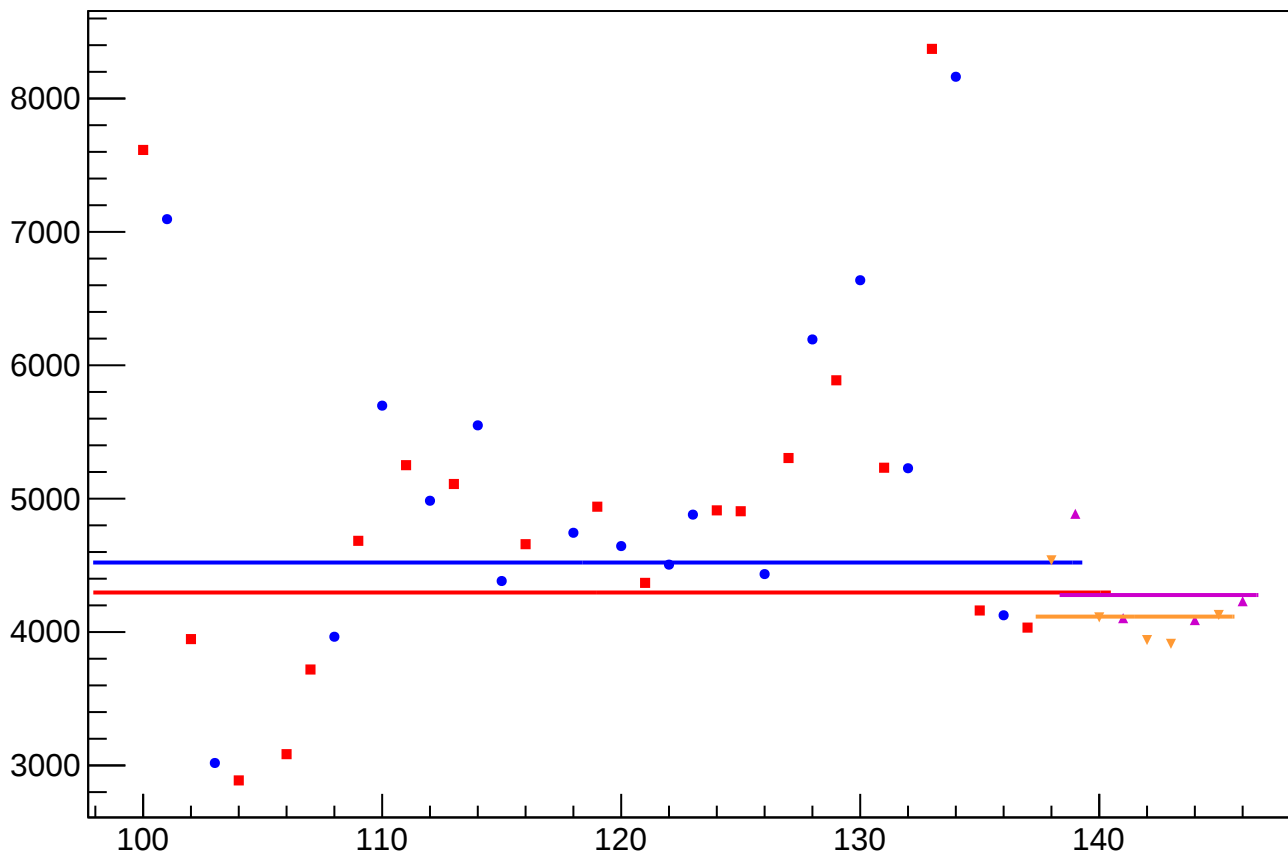
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

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

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

All: 403.543 $\pm$ 979.598 χ^2 /NDF: 48.4/44

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

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

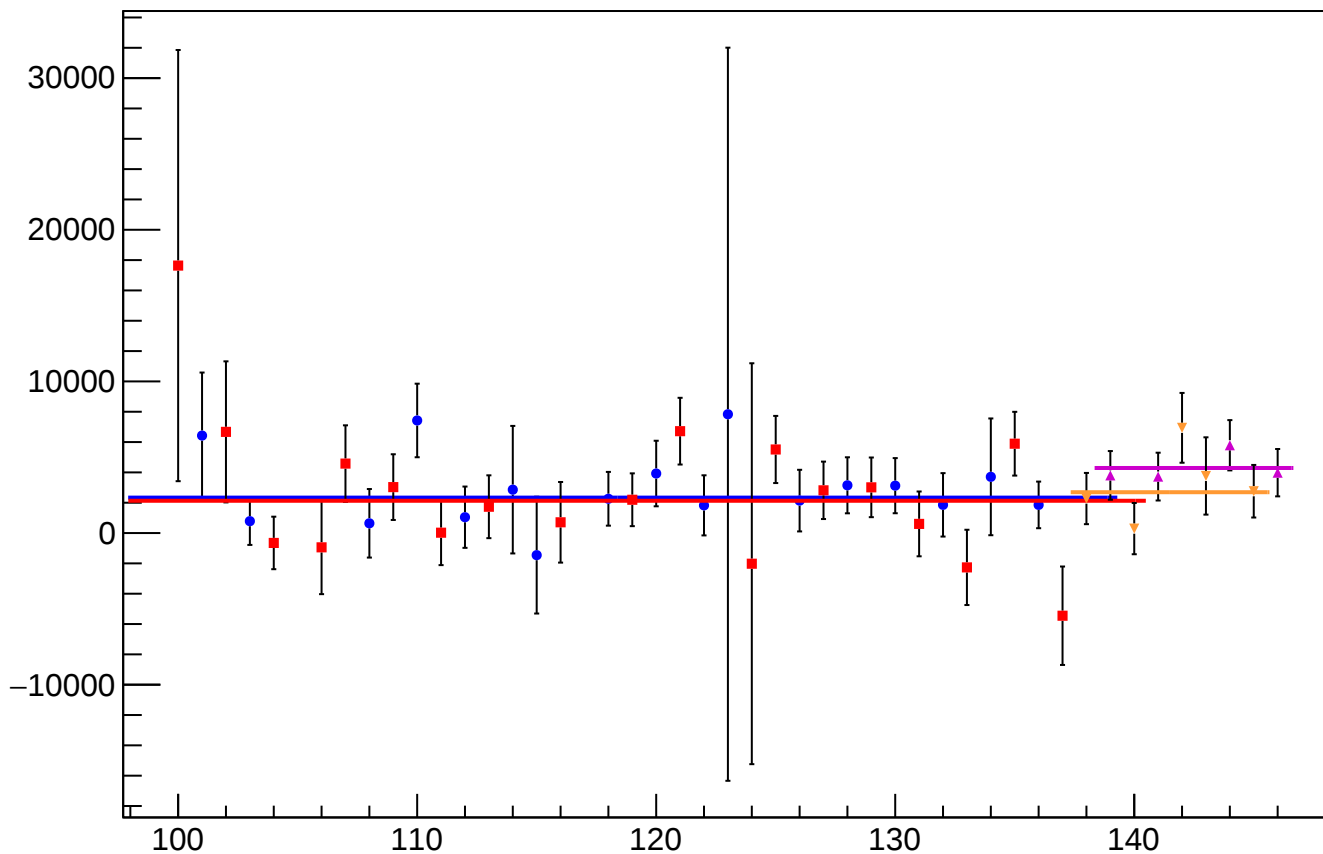
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

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

All: 4324.051+/-0.691 χ^2/NDF : 1644870.5/44

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

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

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

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

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

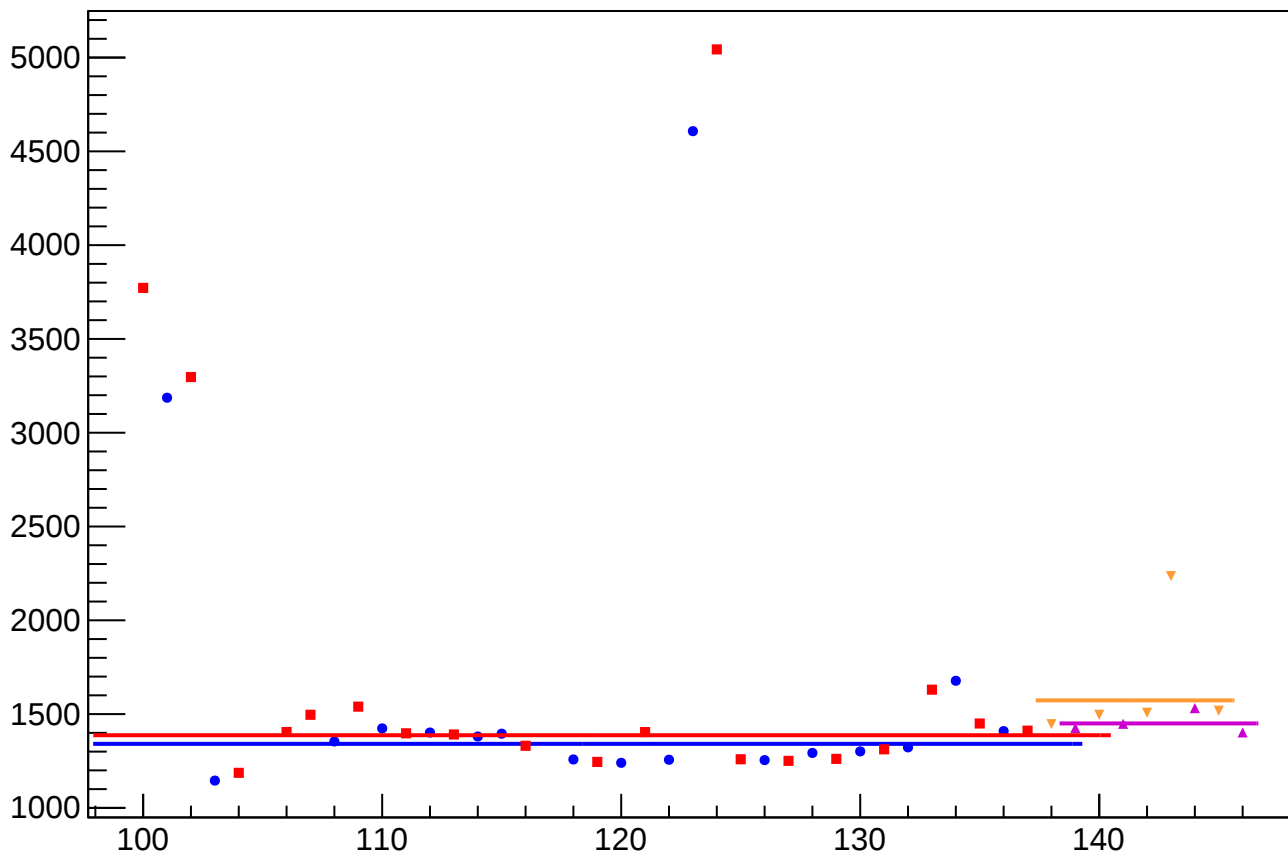
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 2290.517 $\pm$ 455.704 χ^2 /NDF:33.5/23

All: 2622.445 $\pm$ 317.421 χ^2 /NDF: 49.4/44

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: 1450.243+/-0.565 χ^2/NDF :7182.0/3

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

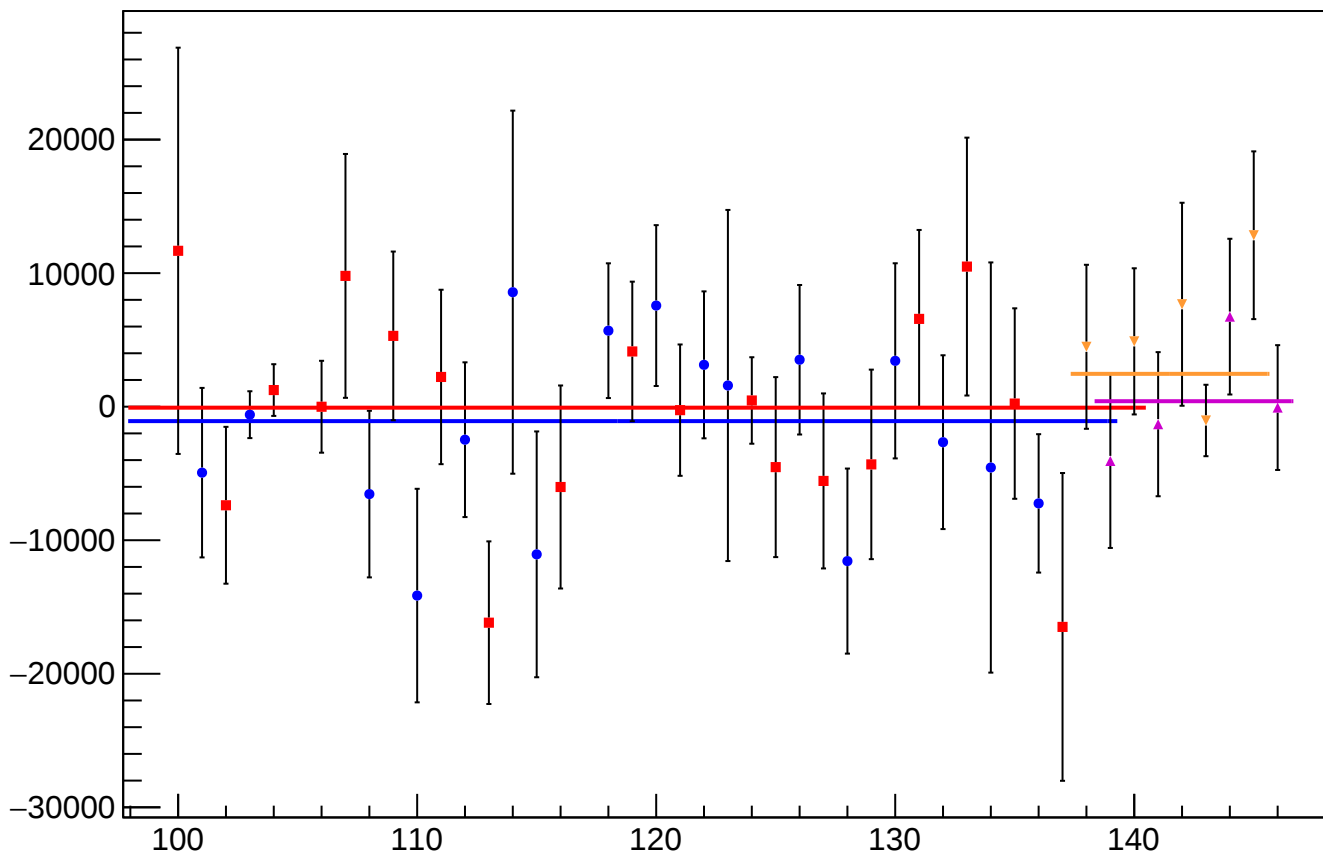
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

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

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

All: 1406.582+/-0.224 χ^2/NDF : 1430731.0/44

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 ± 1212.382 $\chi^2/\text{NDF}: 15.0/16$

Left Out: 2458.864 ± 2031.200 $\chi^2/\text{NDF}: 5.2/4$

Right Out: -74.089 ± 1126.219 $\chi^2/\text{NDF}: 18.6/18$

Left In: 410.230 ± 2740.918 $\chi^2/\text{NDF}: 1.8/3$

Left: 1732.631 ± 1631.932 $\chi^2/\text{NDF}: 7.3/8$

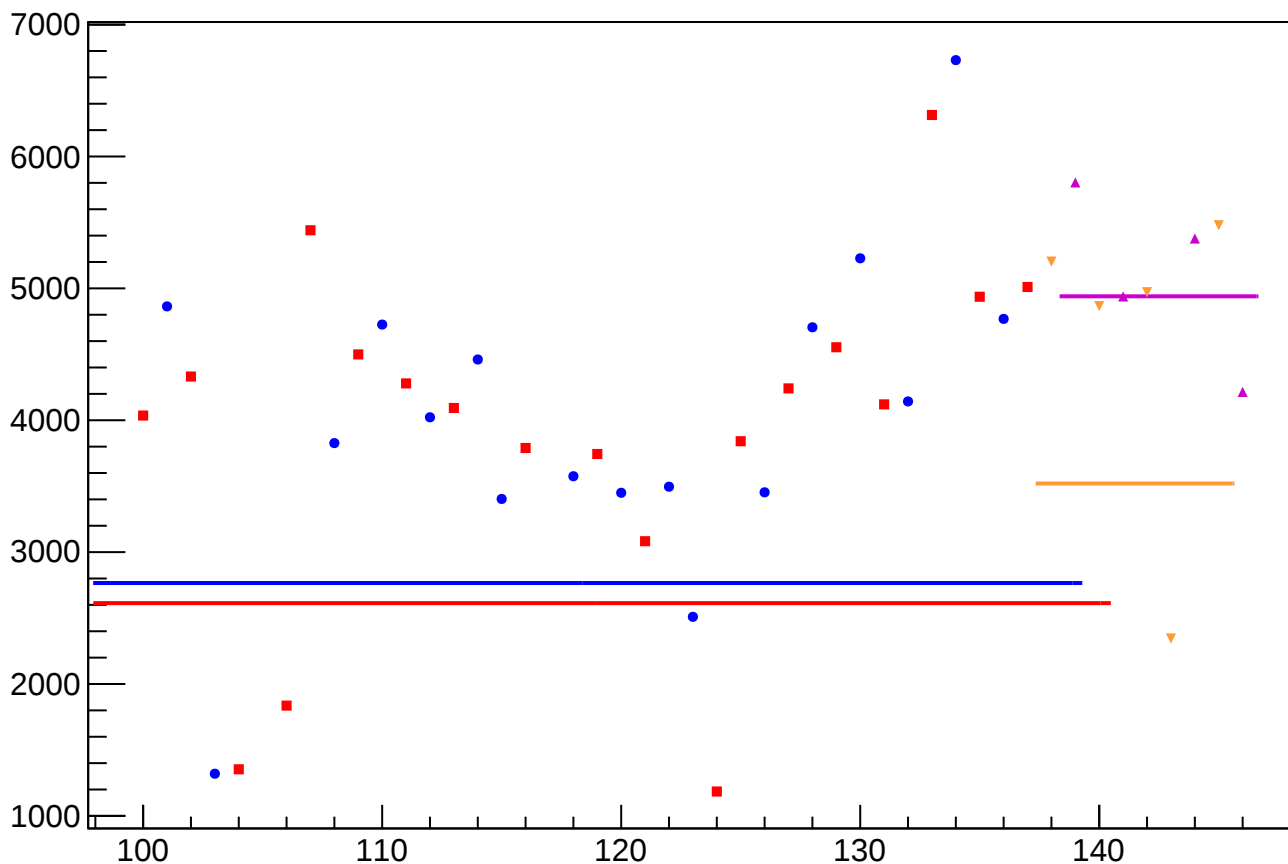
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -837.013 ± 1108.759 $\chi^2/\text{NDF}: 17.0/20$

Out: 521.505 ± 984.950 $\chi^2/\text{NDF}: 25.0/23$

All: -77.700 ± 736.363 $\chi^2/\text{NDF}: 42.9/44$

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

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

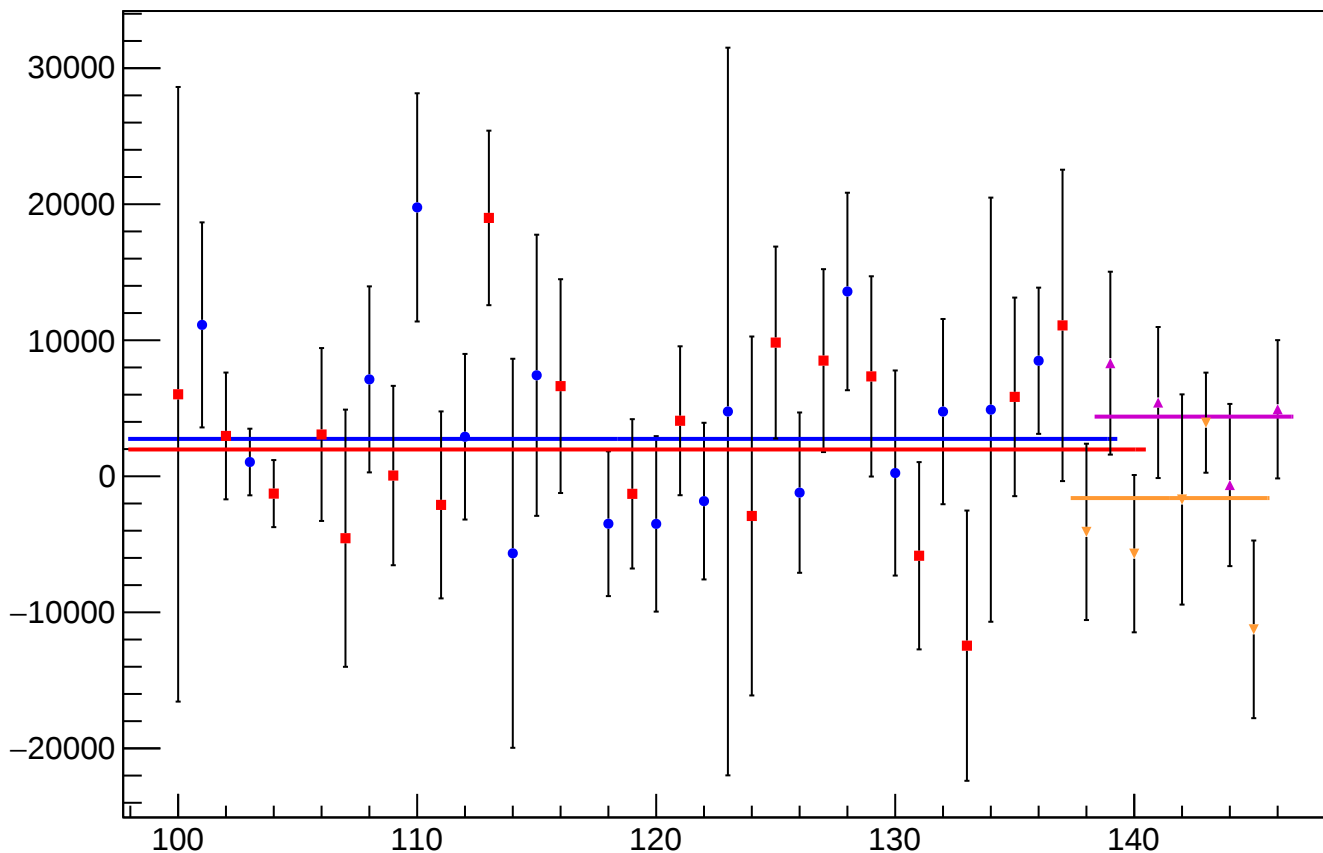
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

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

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

All: 2956.684+/-0.521 χ^2/NDF : 8734347.0/44

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: 4385.899+/-2869.744 χ^2/NDF : 1.1/3

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

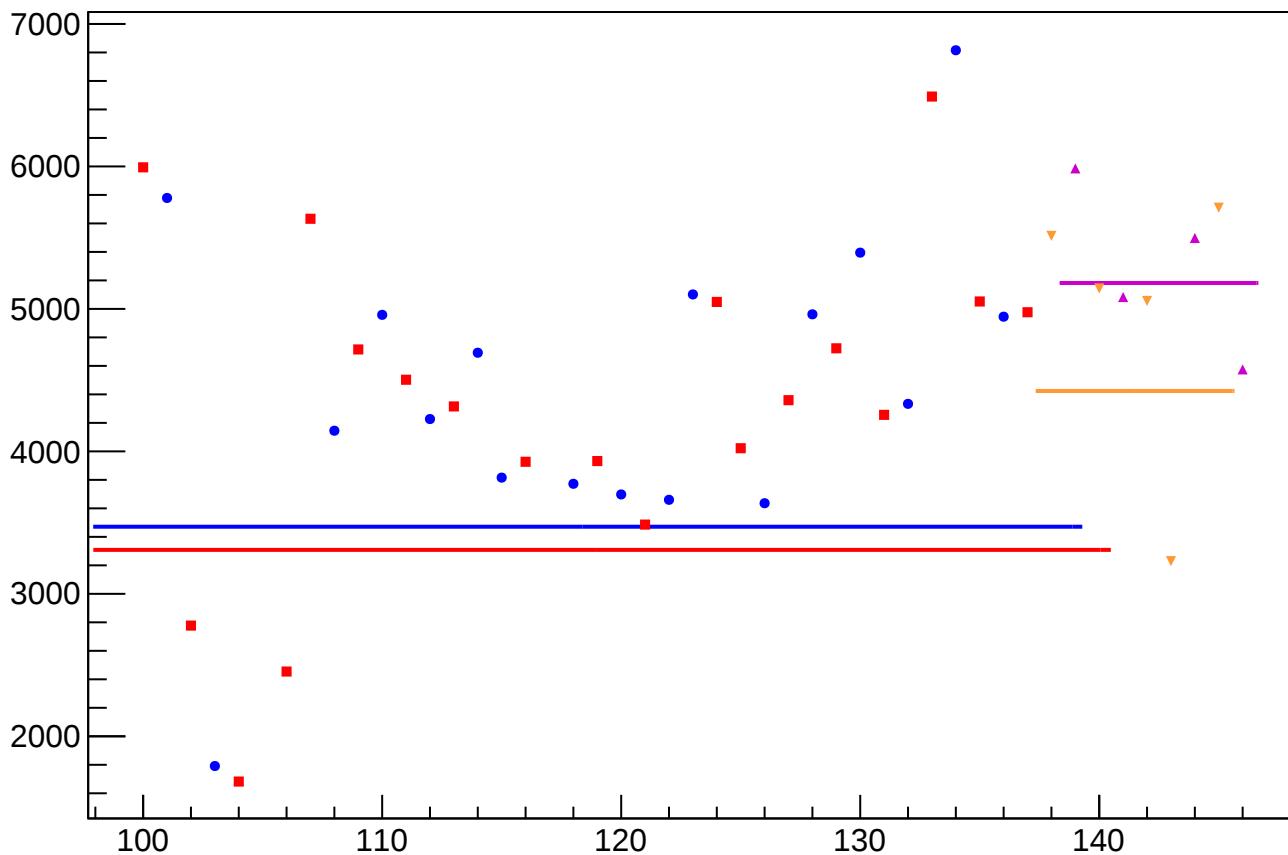
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

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

All: 2021.536+/-880.152 χ^2/NDF : 40.9/44

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

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

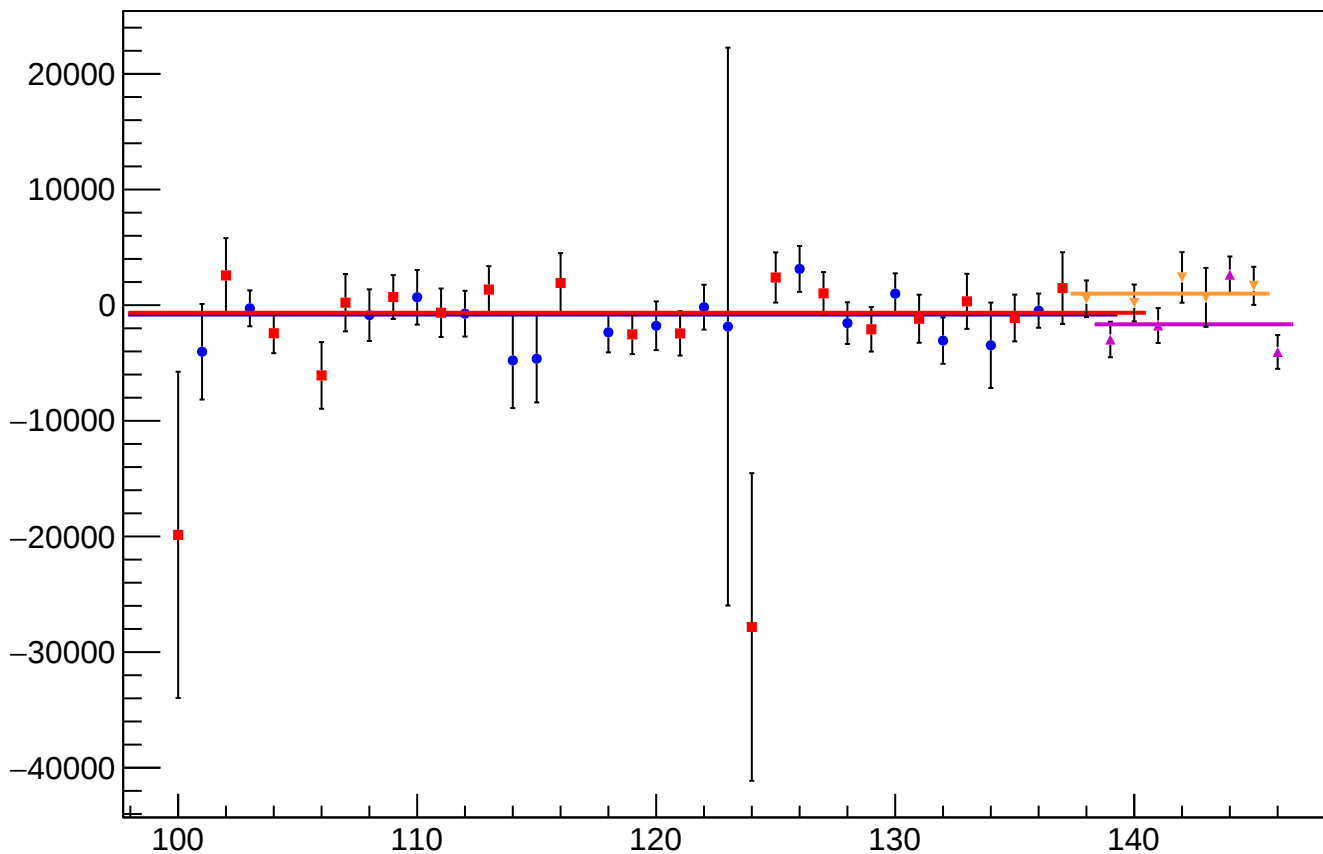
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

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

All: 3687.099+/-0.620 χ^2/NDF : 5057210.8/44

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

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

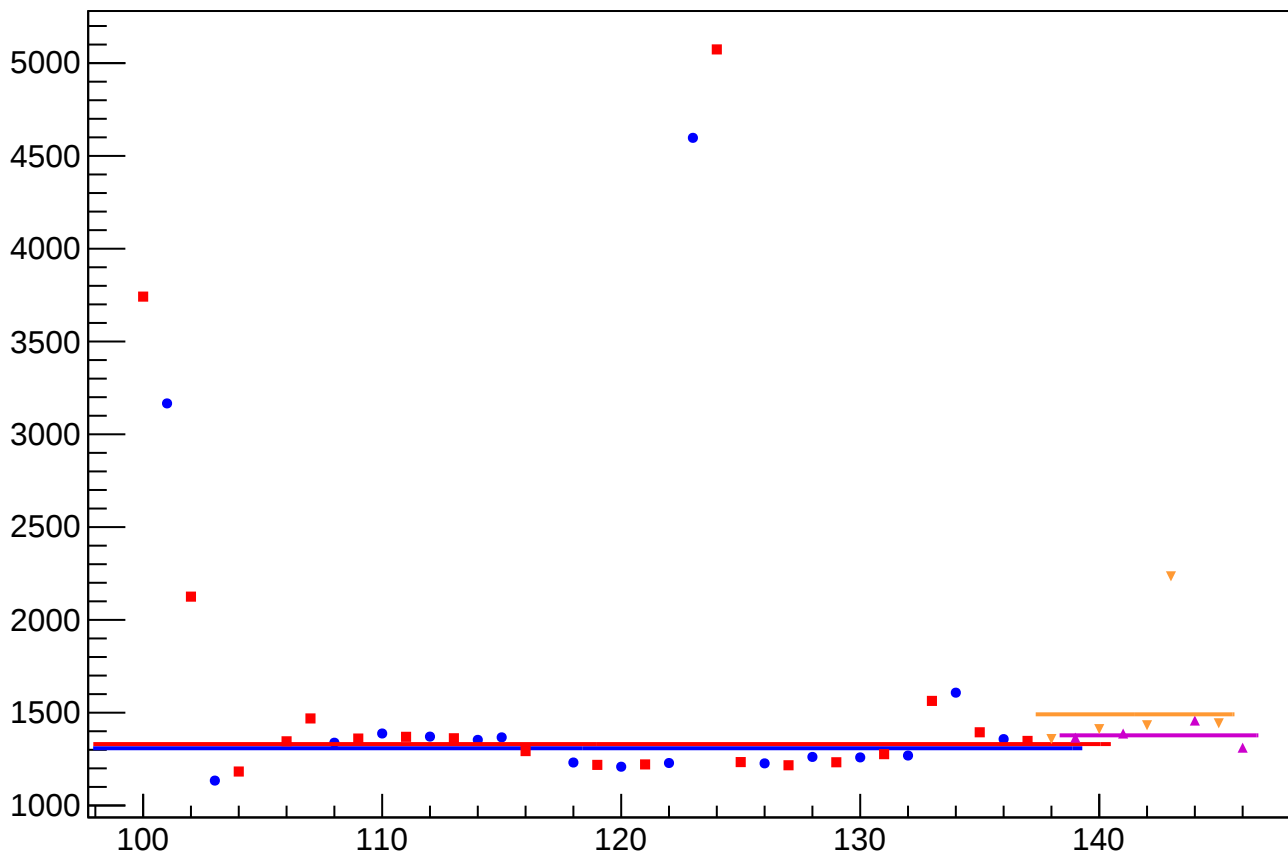
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

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

All: -636.215+/-304.886 χ^2/NDF : 49.3/44

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2 /NDF: 506545.0/16

Left Out: 1491.186 $\pm$ 0.573 χ^2 /NDF:192584.8/4

Right Out: 1330.860 $\pm$ 0.364 χ^2 /NDF: 415845.6/18

Left In: 1377.946 $\pm$ 0.537 χ^2 /NDF:9458.5/3

Left: 1430.898 $\pm$ 0.392 χ^2 /NDF: 222840.5/8

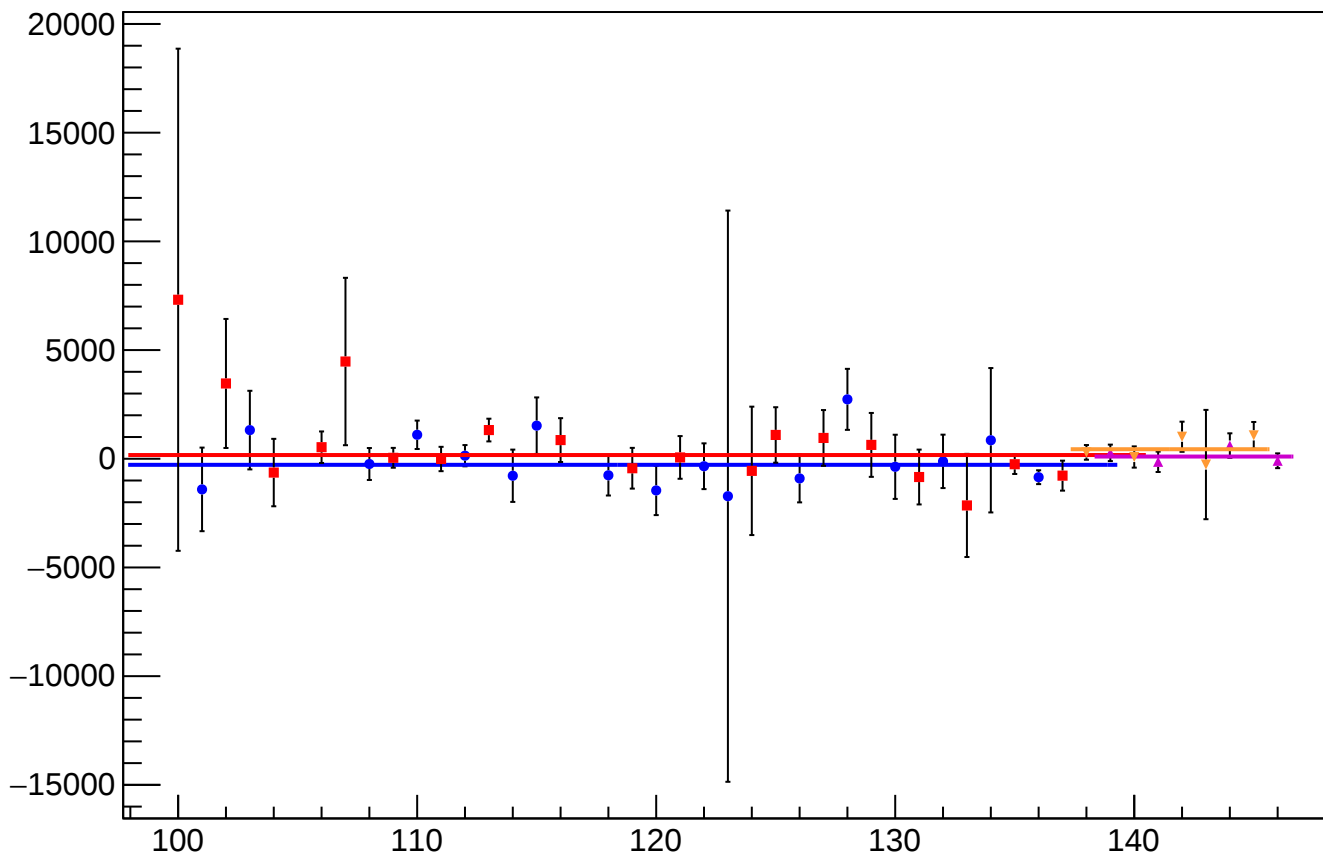
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1330.472 $\pm$ 0.303 χ^2 /NDF:527459.8/20

Out: 1376.939 $\pm$ 0.307 χ^2 /NDF:664229.0/23

All: 1353.363 $\pm$ 0.216 χ^2 /NDF: 1203300.1/44

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 438.744 ± 236.980 χ^2/NDF : 2.6/4

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

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

Left: 247.907 ± 155.905 χ^2/NDF : 5.3/8

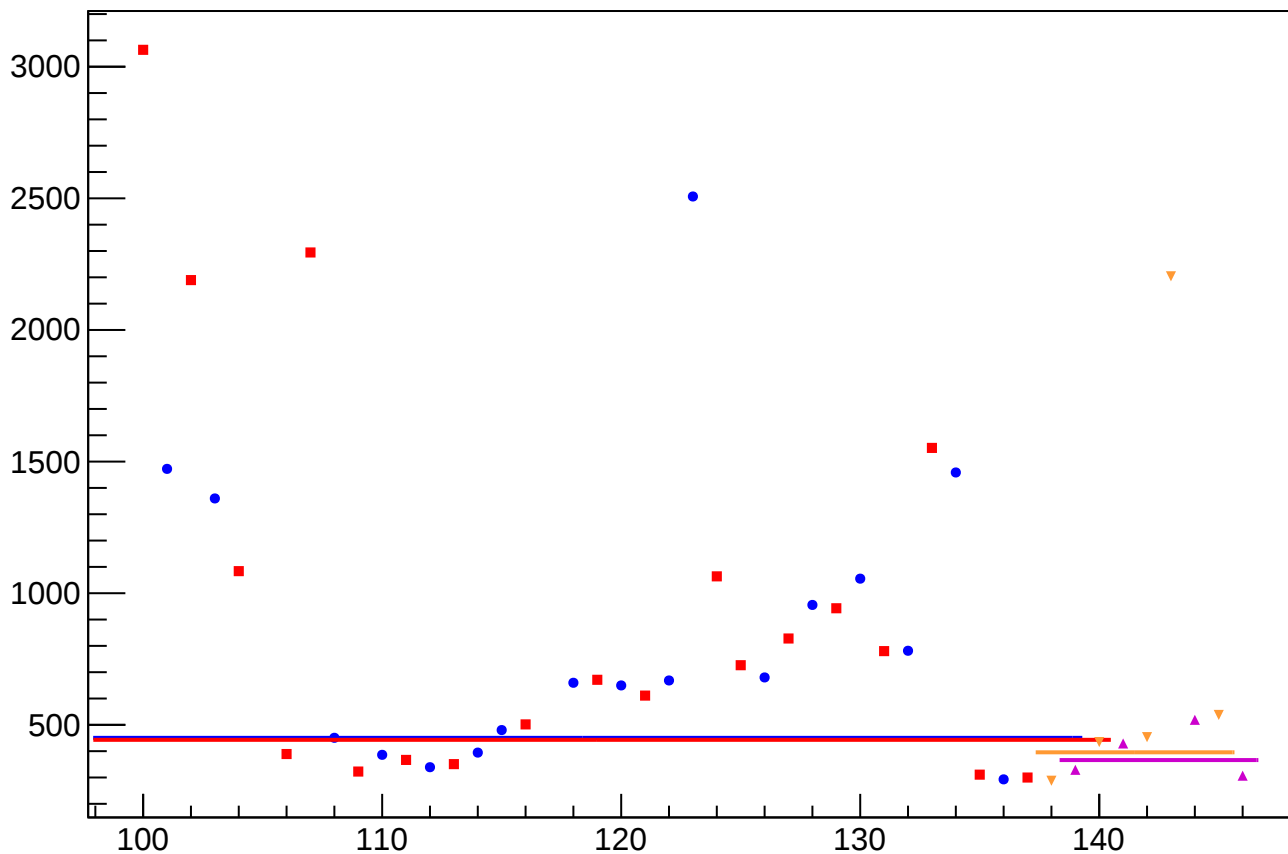
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

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

Out: 277.768 ± 149.398 χ^2/NDF : 18.1/23

All: 82.587 ± 103.354 χ^2/NDF : 42.7/44

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595 $\pm$ 0.140 χ^2 /NDF: 2997735.1/16

Left Out: 395.661 $\pm$ 0.168 χ^2 /NDF:1371164.9/4

Right Out: 443.096 $\pm$ 0.136 χ^2 /NDF: 3471372.7/18

Left In: 366.202 $\pm$ 0.146 χ^2 /NDF:263973.5/3

Left: 378.952 $\pm$ 0.110 χ^2 /NDF: 1652667.2/8

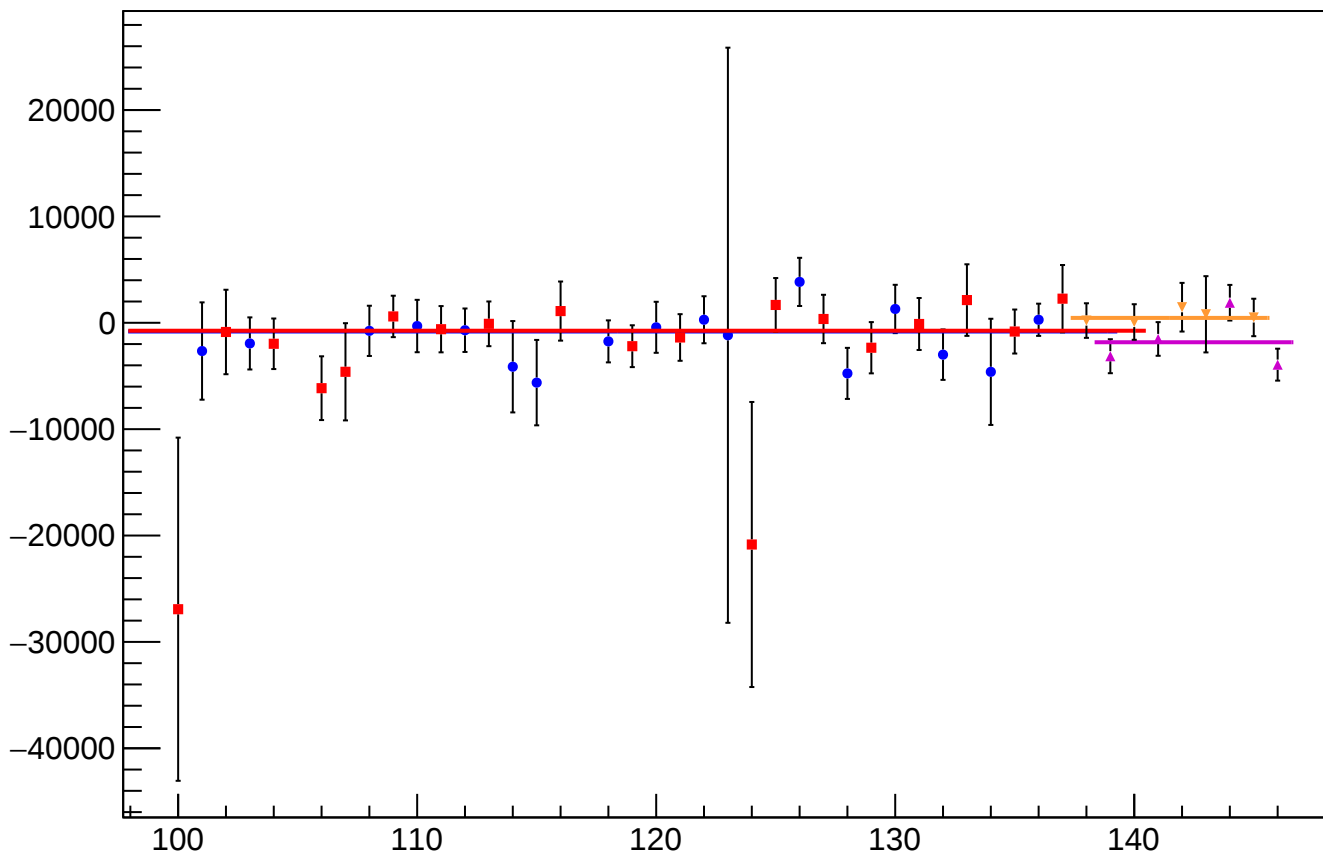
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 410.250 $\pm$ 0.101 χ^2 /NDF:3435194.1/20

Out: 424.243 $\pm$ 0.106 χ^2 /NDF:4890821.8/23

All: 416.947 $\pm$ 0.073 χ^2 /NDF: 8335164.8/44

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -746.365 ± 595.659 $\chi^2/\text{NDF}: 14.1/18$

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

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

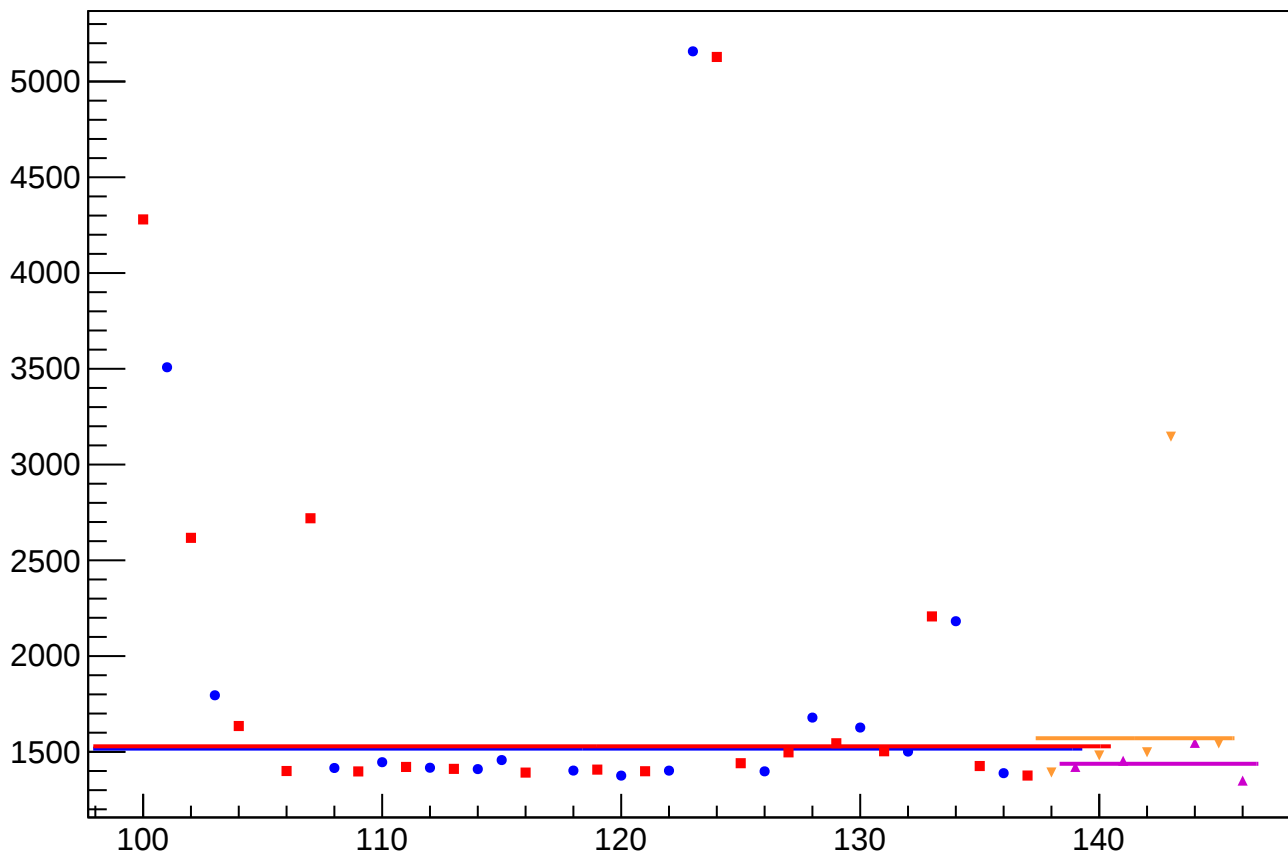
Right: -781.413 ± 423.122 $\chi^2/\text{NDF}: 26.8/35$

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

Out: -360.488 ± 491.134 $\chi^2/\text{NDF}: 15.7/23$

All: -783.888 ± 342.905 $\chi^2/\text{NDF}: 38.4/44$

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: 1437.661+/-0.560 χ^2/NDF : 15766.7/3

Left: 1498.318+/-0.414 χ^2/NDF : 460113.9/8

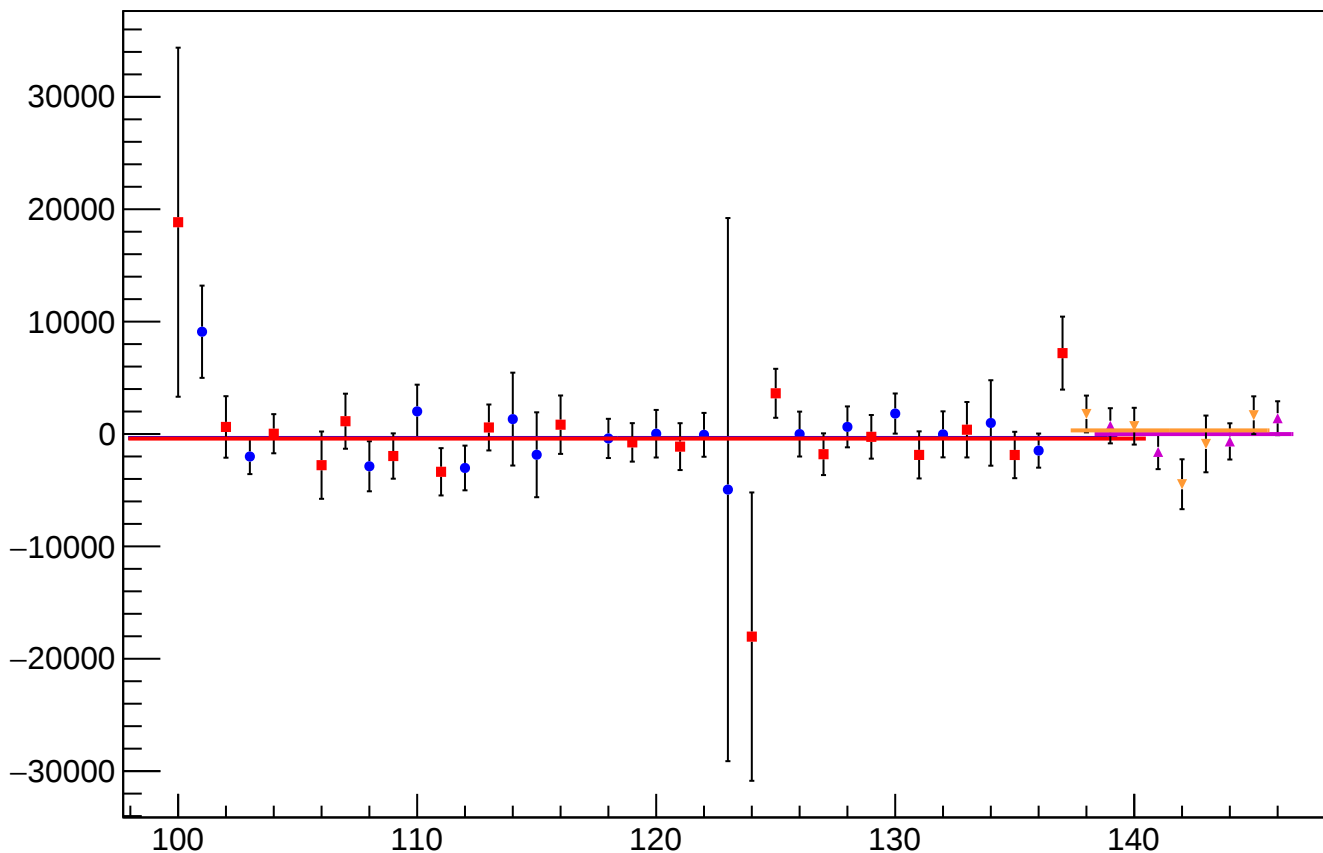
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1487.987+/-0.339 χ^2/NDF : 569506.5/20

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

All: 1514.496+/-0.242 χ^2/NDF : 1634058.4/44

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: -7.355+/-776.994 χ^2/NDF : 2.3/3

Left: 146.205+/-566.467 χ^2/NDF : 8.8/8

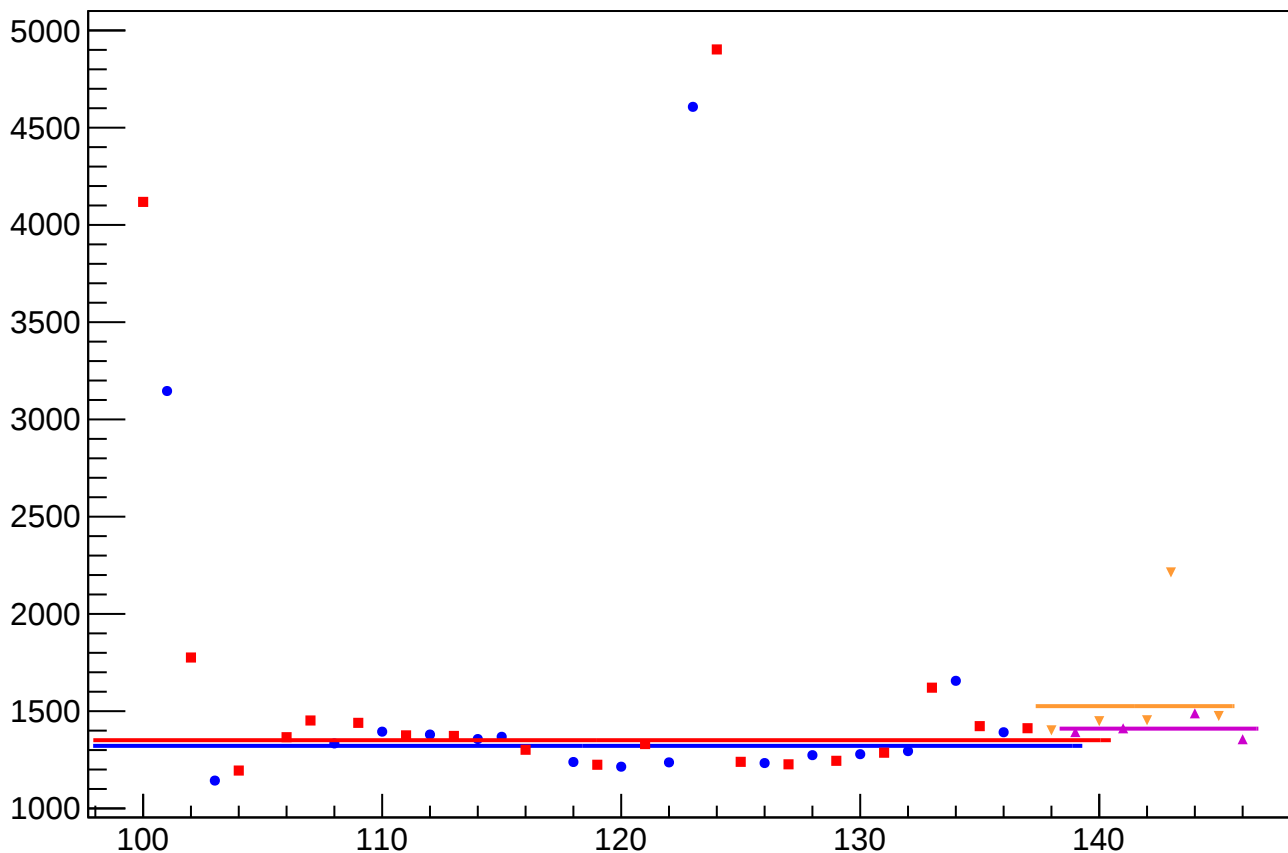
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

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

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

All: -223.110+/-309.536 χ^2/NDF : 41.2/44

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1525.855 $\pm$ 0.585 χ^2 /NDF: 168404.8/4

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

Left In: 1410.196 $\pm$ 0.549 χ^2 /NDF: 7637.6/3

Left: 1464.381 $\pm$ 0.401 χ^2 /NDF: 196803.8/8

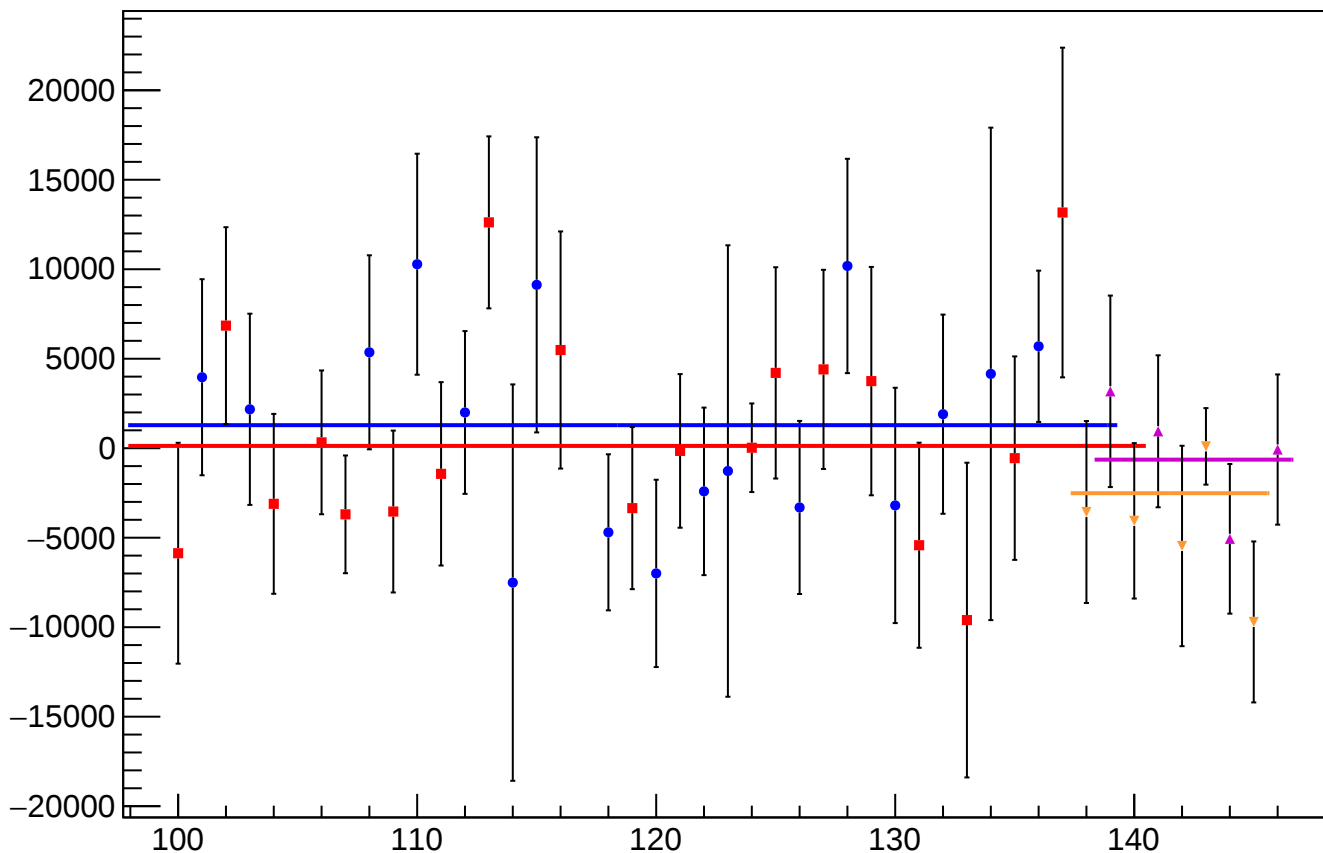
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1349.318 $\pm$ 0.307 χ^2 /NDF: 527730.0/20

Out: 1400.569 $\pm$ 0.312 χ^2 /NDF: 582339.5/23

All: 1374.515 $\pm$ 0.219 χ^2 /NDF: 1123778.1/44

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

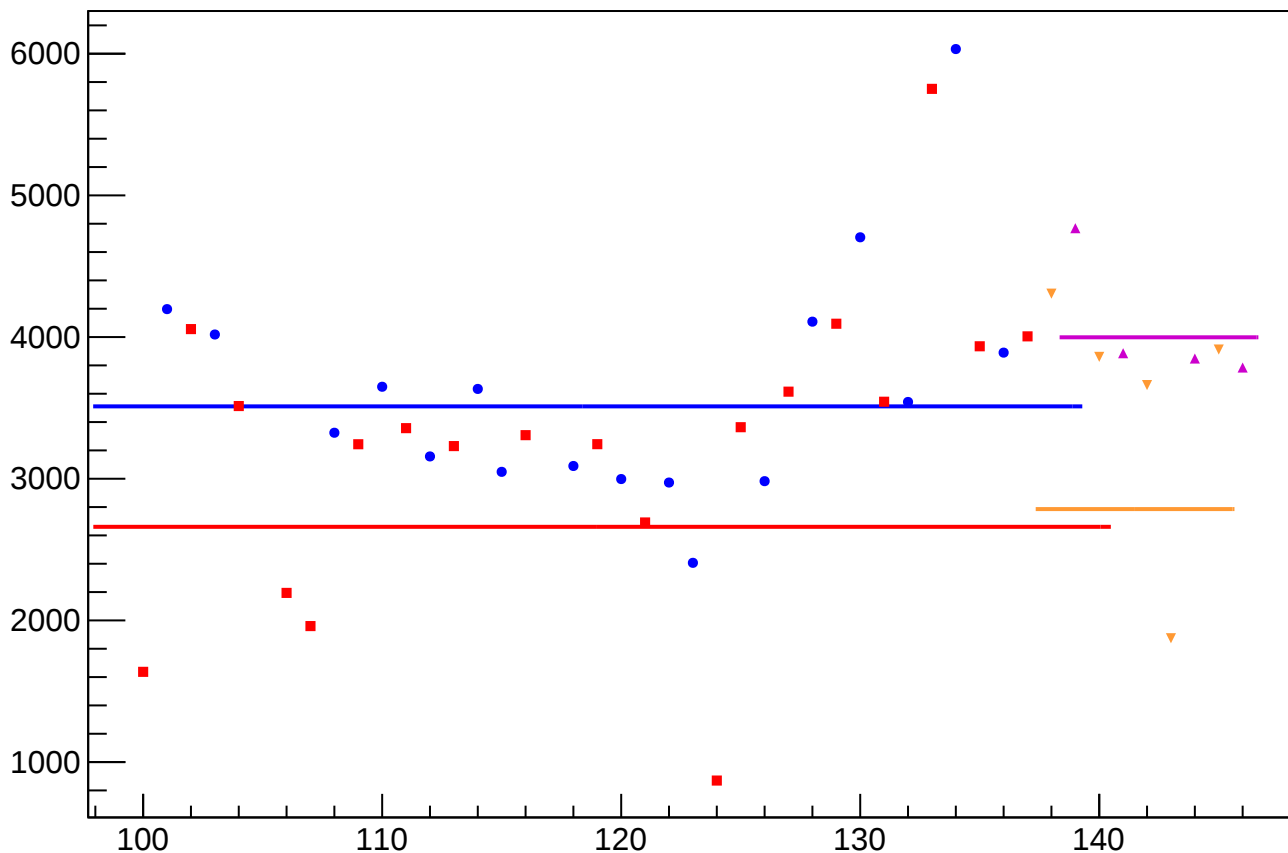
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: -708.463+/-899.373 χ^2/NDF : 24.9/23

All: -165.701+/-712.655 χ^2/NDF : 42.5/44

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 2785.804 $\pm$ 1.130 χ^2 /NDF: 839467.8/4

Right Out: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

Left In: 3998.293 $\pm$ 1.564 χ^2 /NDF: 50583.2/3

Left: 3201.447 $\pm$ 0.916 χ^2 /NDF: 1285054.2/8

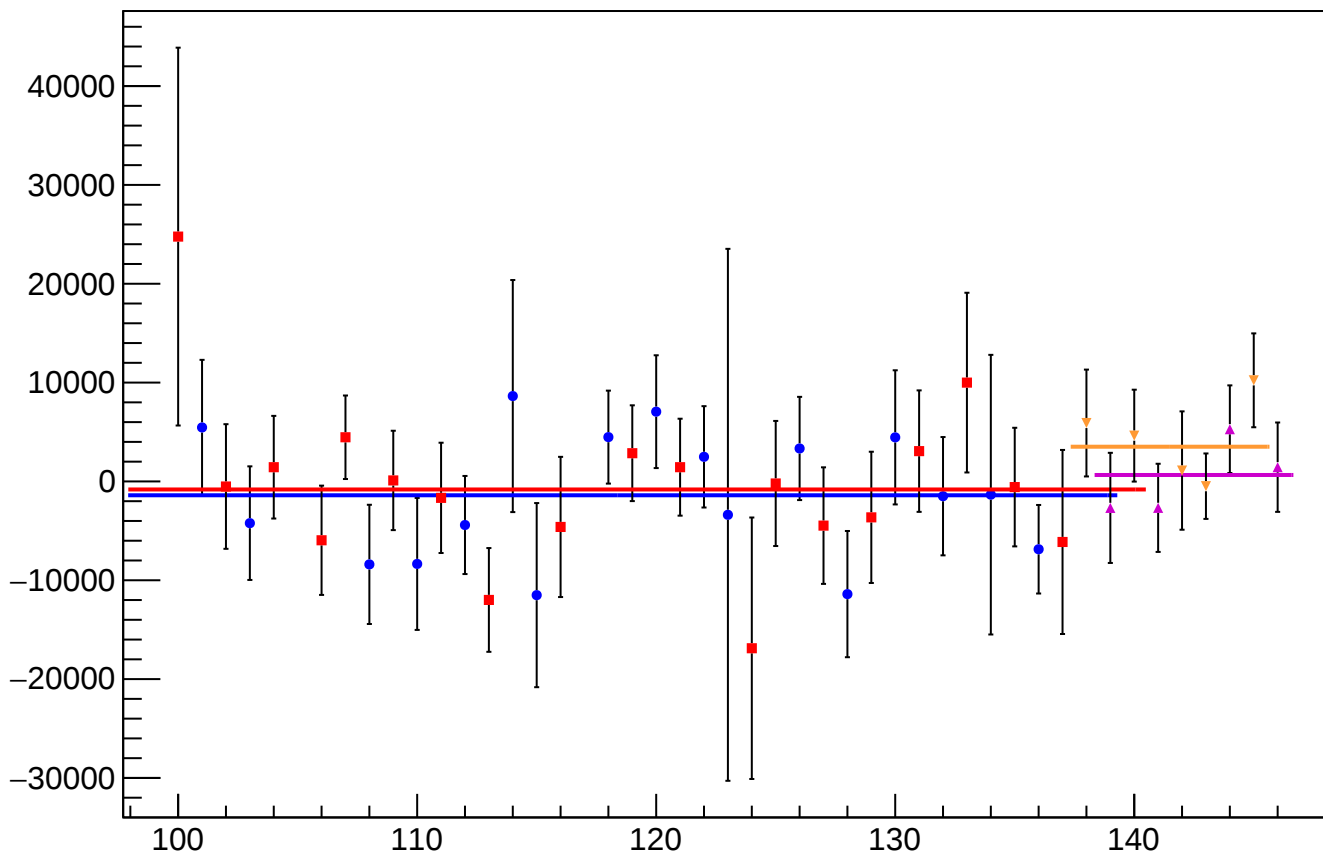
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3646.808 $\pm$ 0.826 χ^2 /NDF: 464690.1/20

Out: 2700.314 $\pm$ 0.636 χ^2 /NDF: 3030512.9/23

All: 3052.519 $\pm$ 0.504 χ^2 /NDF: 4319463.7/44

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

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

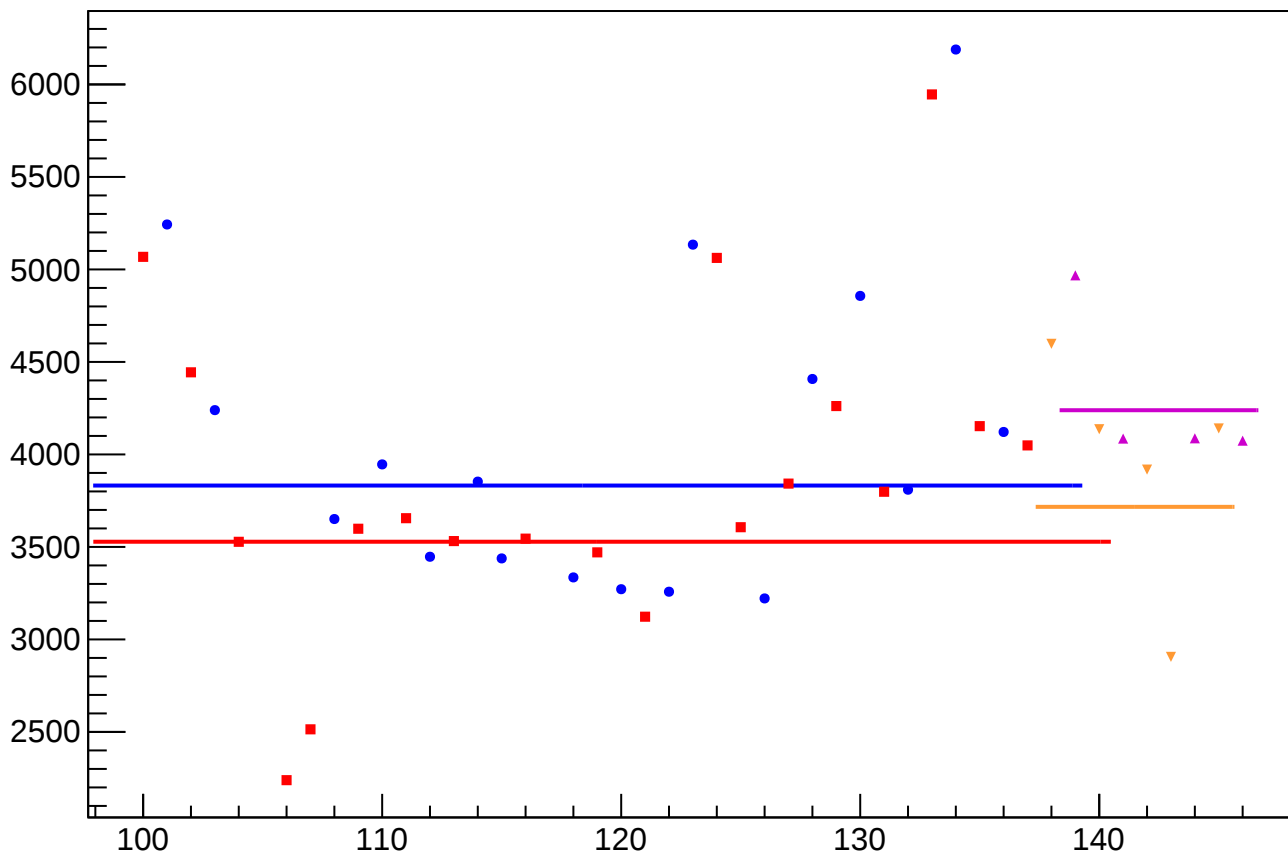
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

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

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

All: -51.529 $\pm$ 846.955 χ^2 /NDF: 40.3/44

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 3528.100 $\pm$ 0.966 χ^2/NDF : 557192.5/18

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

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

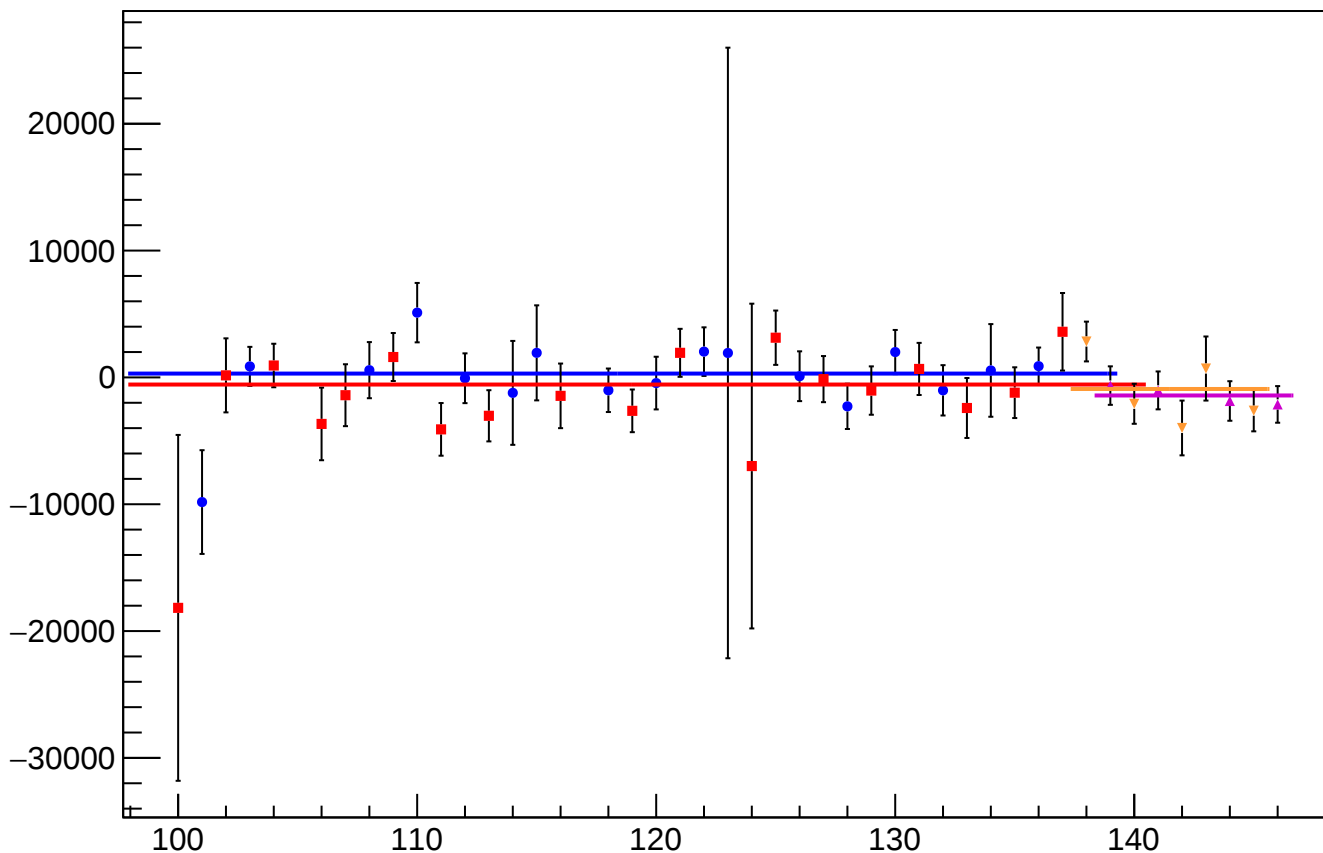
Right: 3665.441 $\pm$ 0.715 χ^2/NDF : 939571.7/35

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

Out: 3587.126 $\pm$ 0.801 χ^2/NDF : 776769.9/23

All: 3748.827 $\pm$ 0.597 χ^2/NDF : 1290525.9/44

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -562.233+/-508.331 χ^2/NDF : 19.1/18

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

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

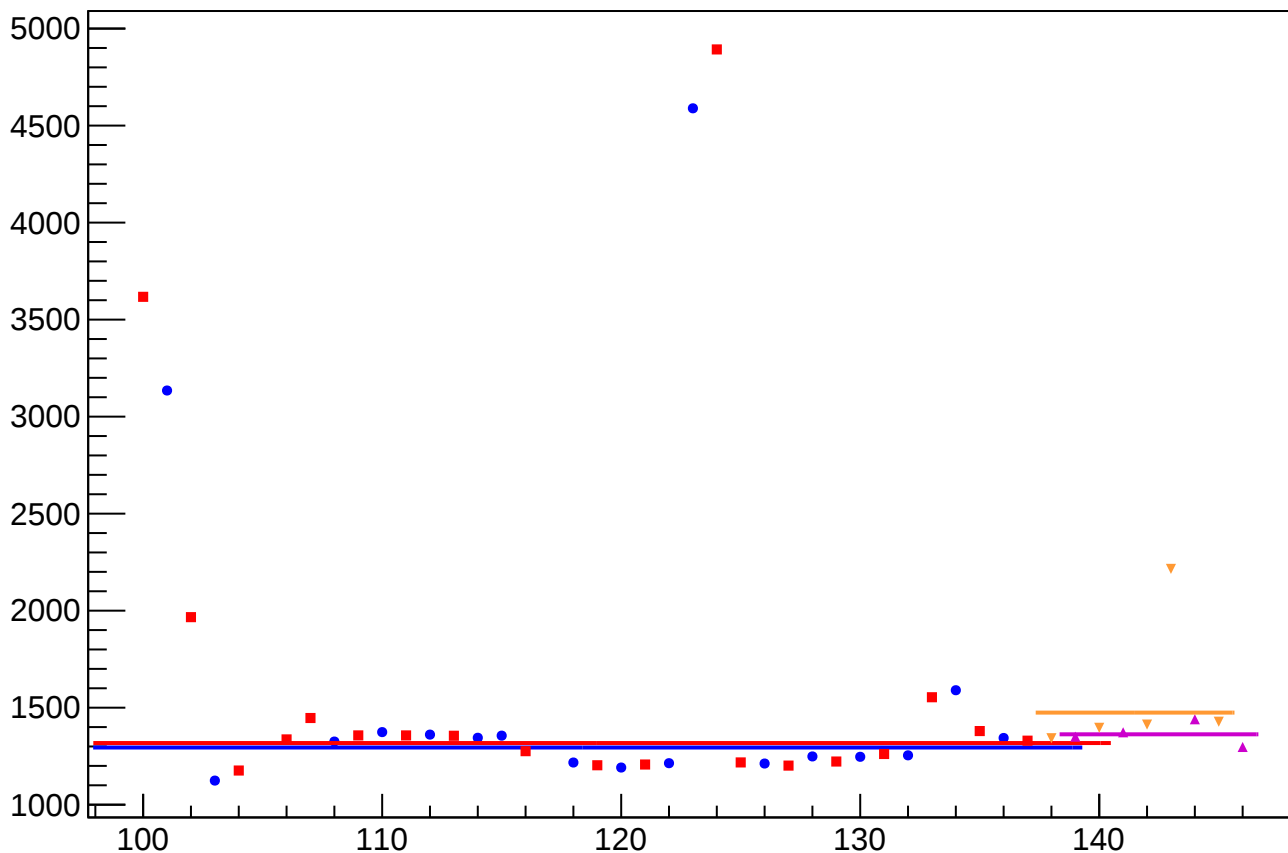
Right: -133.943+/-361.026 χ^2/NDF : 36.6/35

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

Out: -662.649+/-429.265 χ^2/NDF : 29.1/23

All: -452.005+/-301.480 χ^2/NDF : 49.9/44

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: 1362.763+/-0.531 χ^2/NDF : 9247.7/3

Left: 1415.062+/-0.387 χ^2/NDF : 224373.5/8

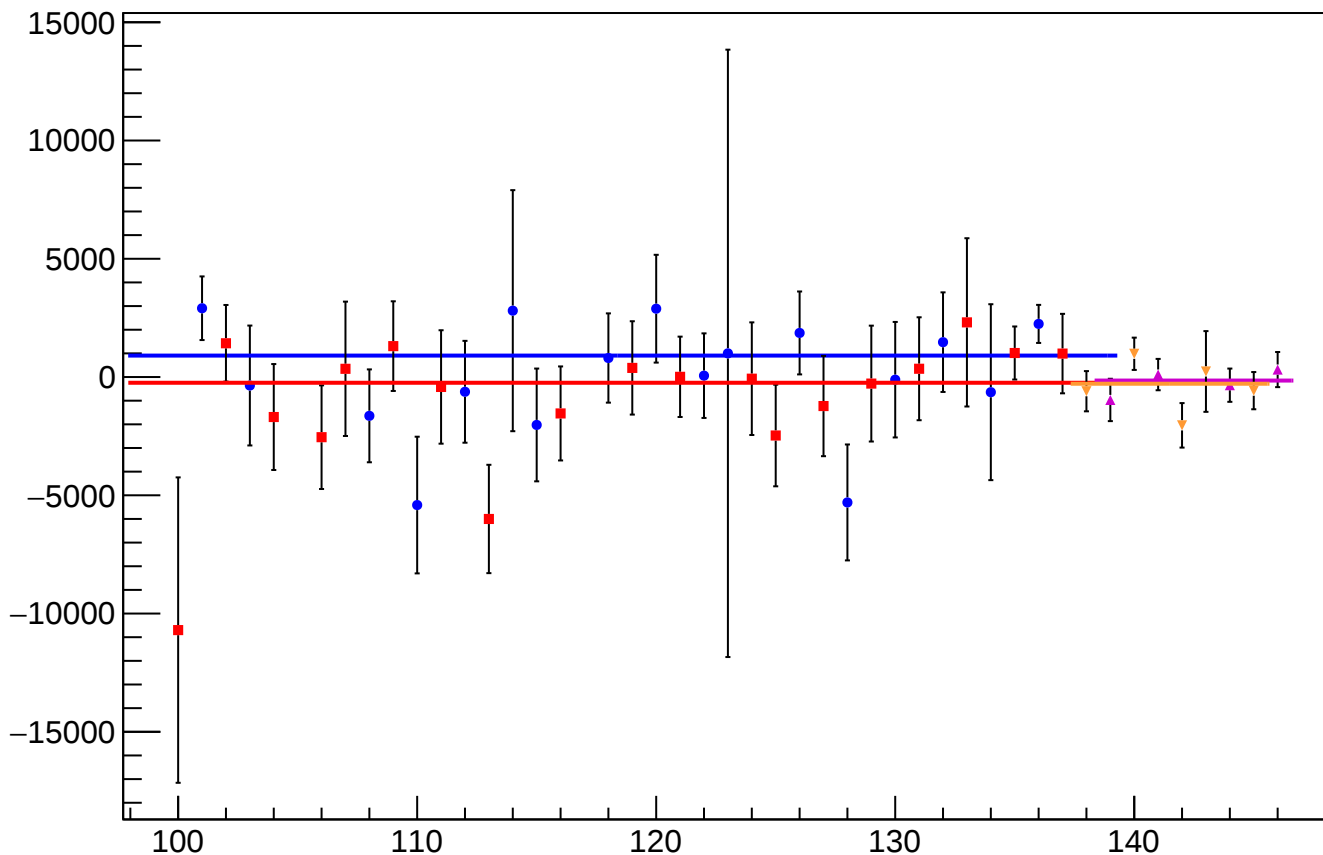
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1316.366+/-0.299 χ^2/NDF : 528245.8/20

Out: 1362.783+/-0.304 χ^2/NDF : 639805.4/23

All: 1339.261+/-0.213 χ^2/NDF : 1179901.3/44

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: -283.358 $\pm$ 388.663 χ^2 /NDF:7.3/4

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -149.158 $\pm$ 368.604 χ^2 /NDF:1.5/3

Left: -212.706 $\pm$ 267.453 χ^2 /NDF: 8.8/8

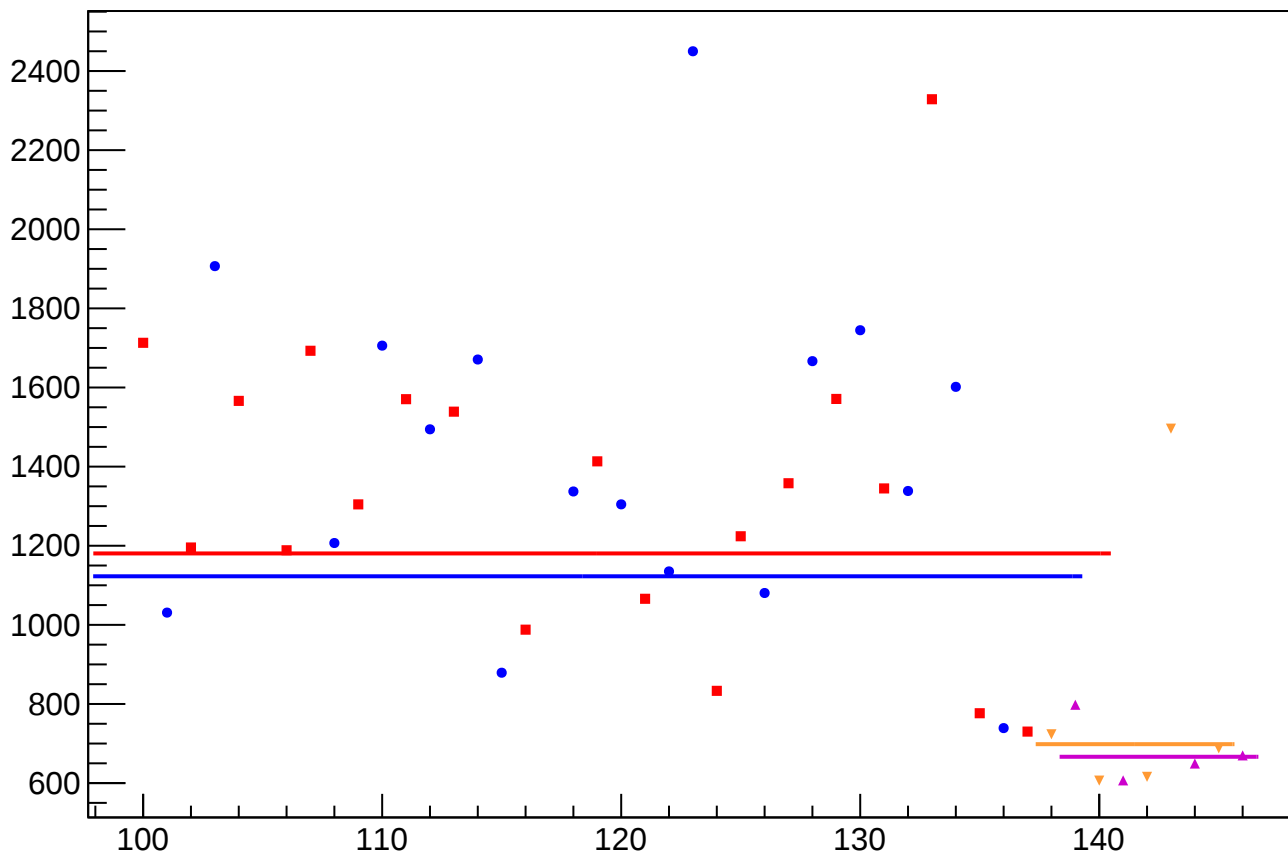
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 268.281 $\pm$ 286.621 χ^2 /NDF:26.7/20

Out: -266.403 $\pm$ 297.773 χ^2 /NDF:23.8/23

All: 11.138 $\pm$ 206.502 χ^2 /NDF: 52.1/44

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2 /NDF: 1187996.4/16

Left Out: 698.405 $\pm$ 0.275 χ^2 /NDF: 490675.1/4

Right Out: 1180.554 $\pm$ 0.328 χ^2 /NDF: 1035382.2/18

Left In: 666.551 $\pm$ 0.261 χ^2 /NDF: 60562.7/3

Left: 681.635 $\pm$ 0.189 χ^2 /NDF: 558310.6/8

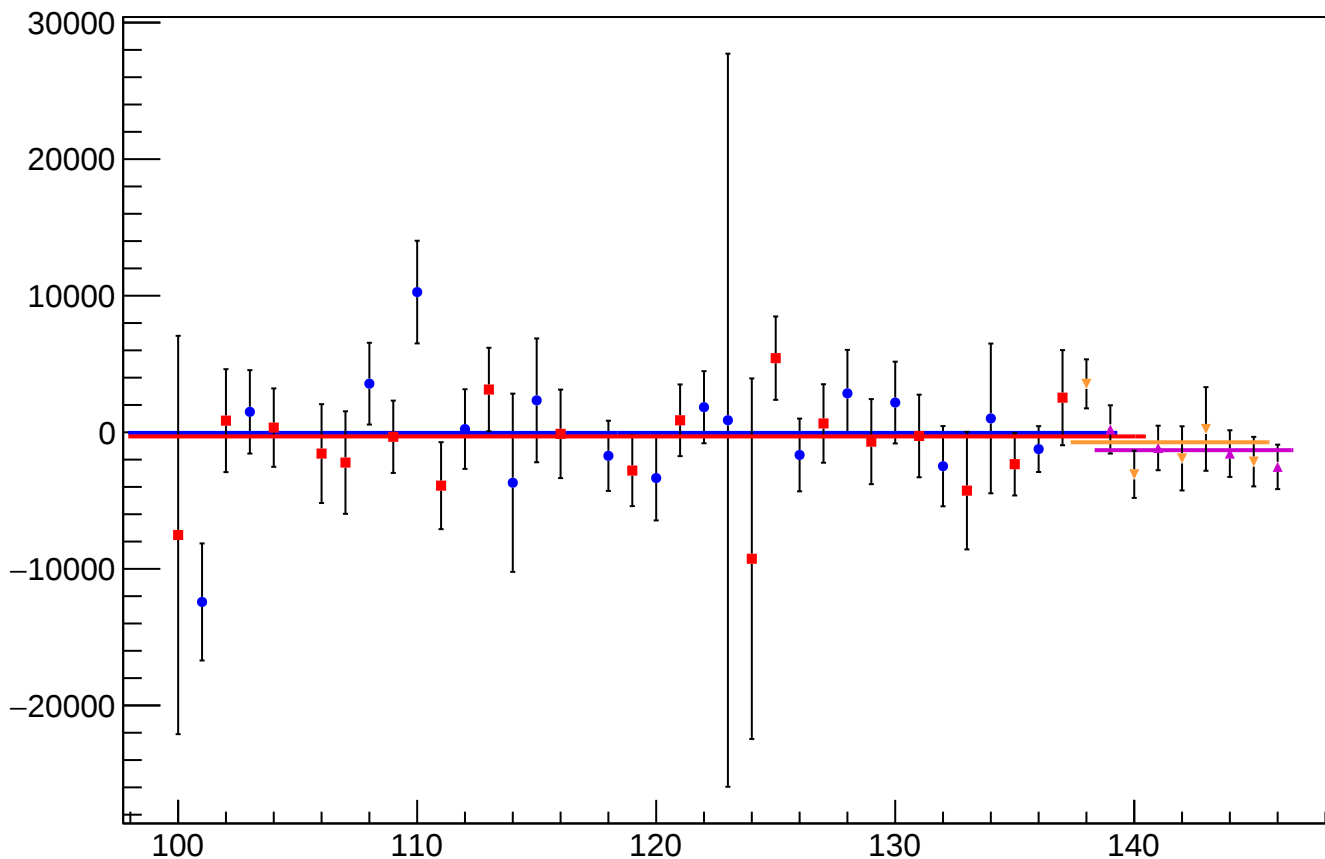
Right: 1151.192 $\pm$ 0.230 χ^2 /NDF: 2239183.7/35

In: 846.923 $\pm$ 0.203 χ^2 /NDF: 2459870.4/20

Out: 897.542 $\pm$ 0.211 χ^2 /NDF: 2797266.4/23

All: 871.267 $\pm$ 0.146 χ^2 /NDF: 5287137.6/44

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: -1309.224 ± 840.274 $\chi^2/\text{NDF}: 1.3/3$

Left: -1039.473 ± 613.808 $\chi^2/\text{NDF}: 10.0/8$

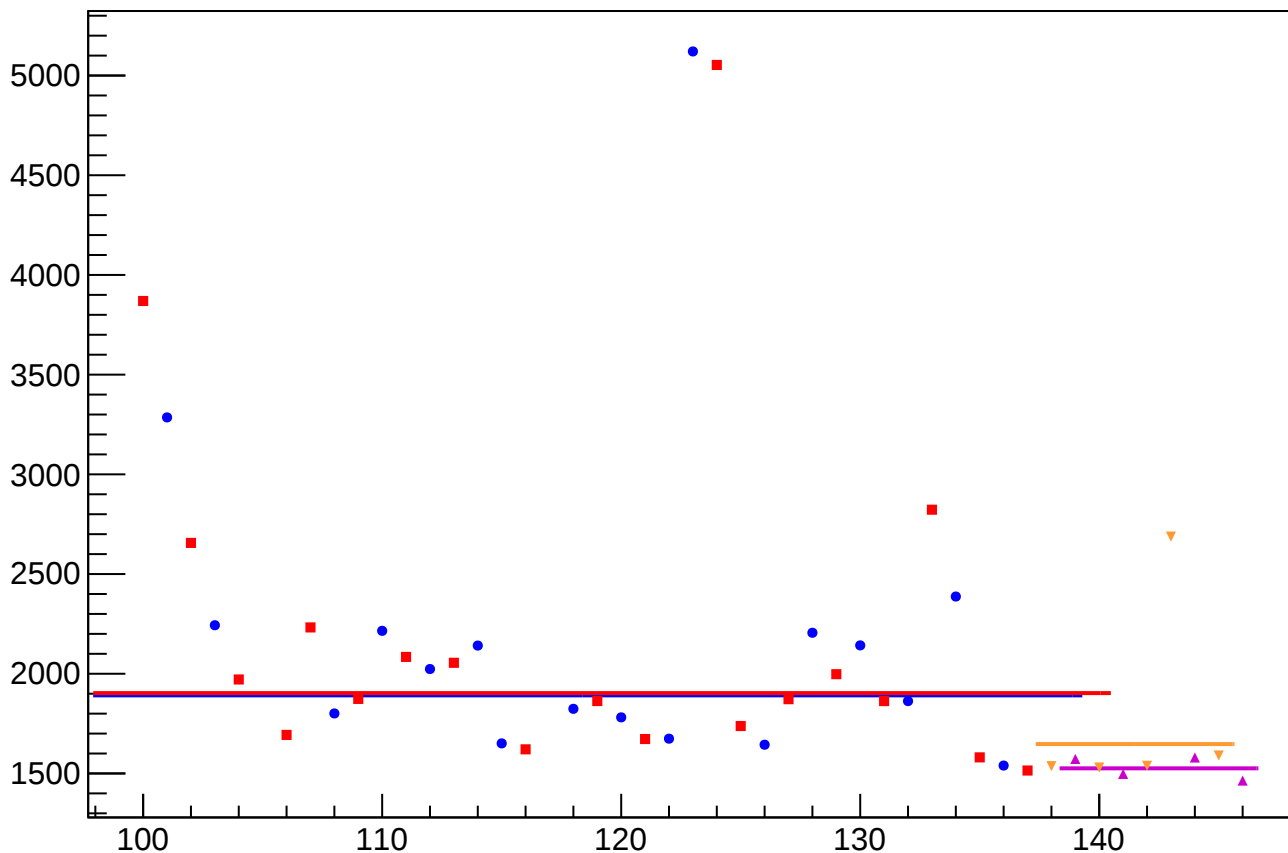
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -603.215 ± 558.531 $\chi^2/\text{NDF}: 25.8/20$

Out: -474.738 ± 568.722 $\chi^2/\text{NDF}: 19.5/23$

All: -540.138 ± 398.495 $\chi^2/\text{NDF}: 45.3/44$

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: 1525.662 $\pm$ 0.594 χ^2 /NDF: 6863.4/3

Left: 1582.402 $\pm$ 0.434 χ^2 /NDF: 280450.0/8

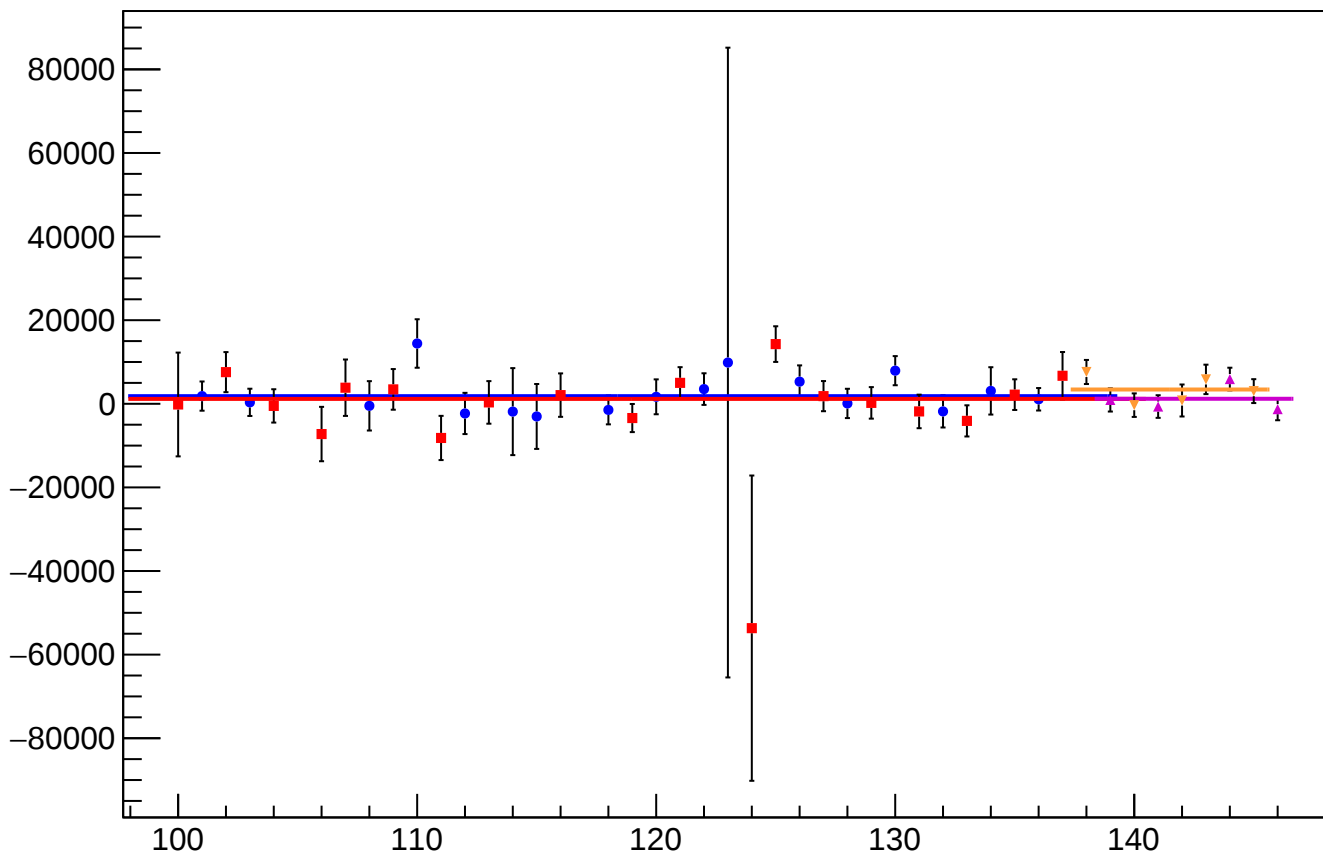
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1729.958 $\pm$ 0.395 χ^2 /NDF: 687756.8/20

Out: 1800.635 $\pm$ 0.402 χ^2 /NDF: 811234.6/23

All: 1764.658 $\pm$ 0.282 χ^2 /NDF: 1514714.8/44

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: 1201.128 $\pm$ 1356.568 χ^2 /NDF:4.4/3

Left: 2284.058 $\pm$ 970.494 χ^2 /NDF: 10.5/8

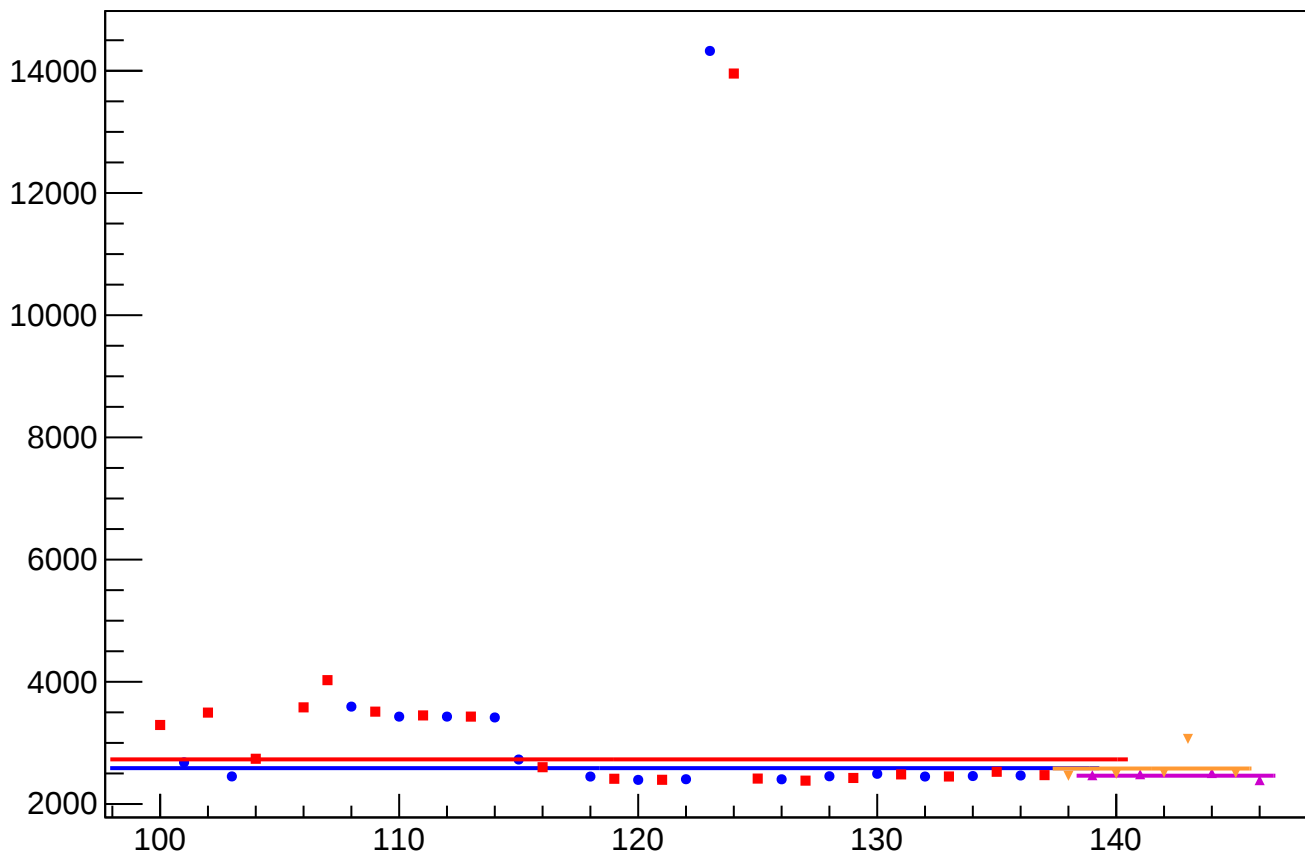
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1602.487 $\pm$ 810.210 χ^2 /NDF:17.1/20

Out: 1986.260 $\pm$ 835.663 χ^2 /NDF:32.0/23

All: 1788.440 $\pm$ 581.695 χ^2 /NDF: 49.2/44

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: 2463.372+/-0.959 χ^2/NDF : 2195.4/3

Left: 2520.723+/-0.686 χ^2/NDF : 54720.8/8

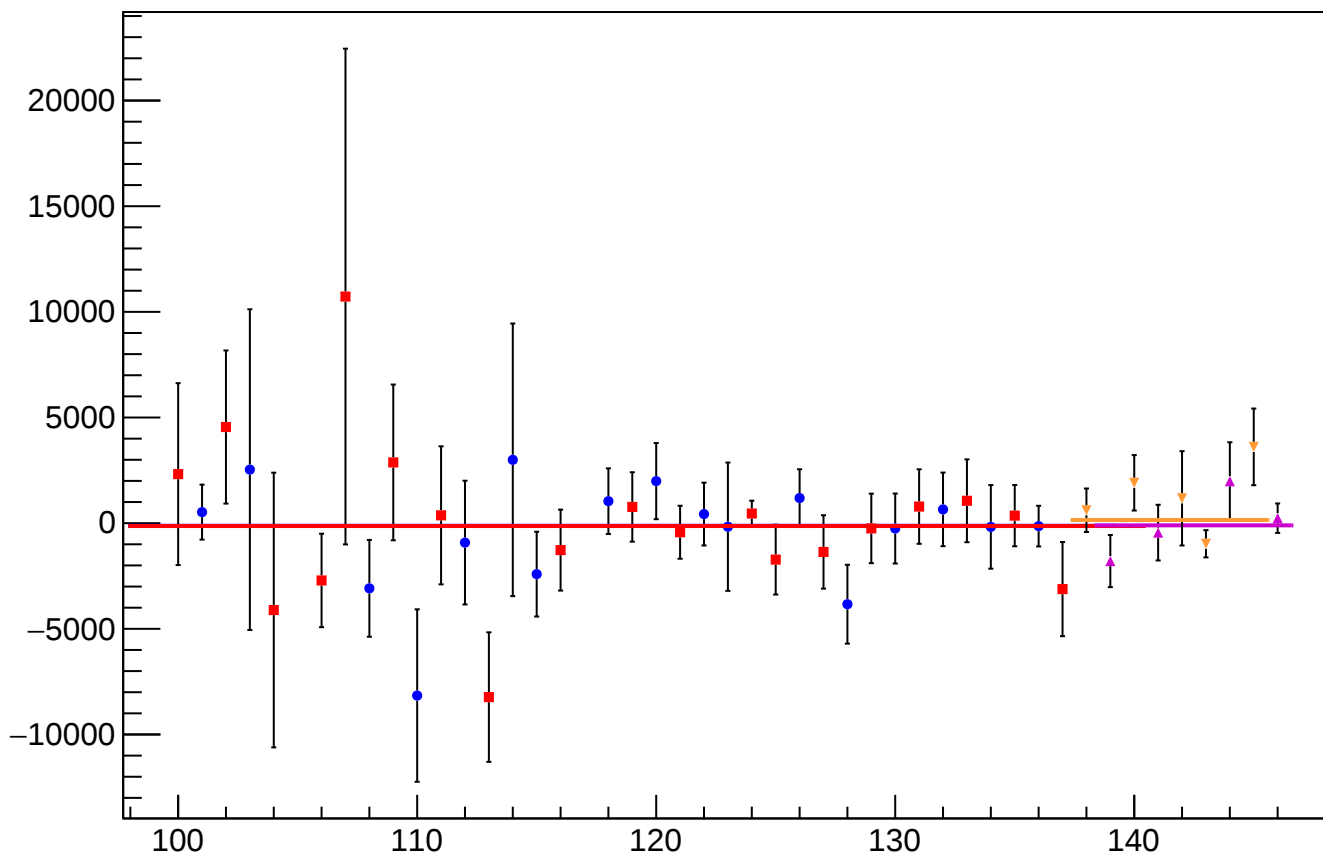
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2542.887+/-0.573 χ^2/NDF : 266989.8/20

Out: 2676.321+/-0.591 χ^2/NDF : 645006.3/23

All: 2607.541+/-0.411 χ^2/NDF : 938280.3/44

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: -103.188+/-527.955 χ^2/NDF : 3.5/3

Left: 37.074+/-352.899 χ^2/NDF : 12.5/8

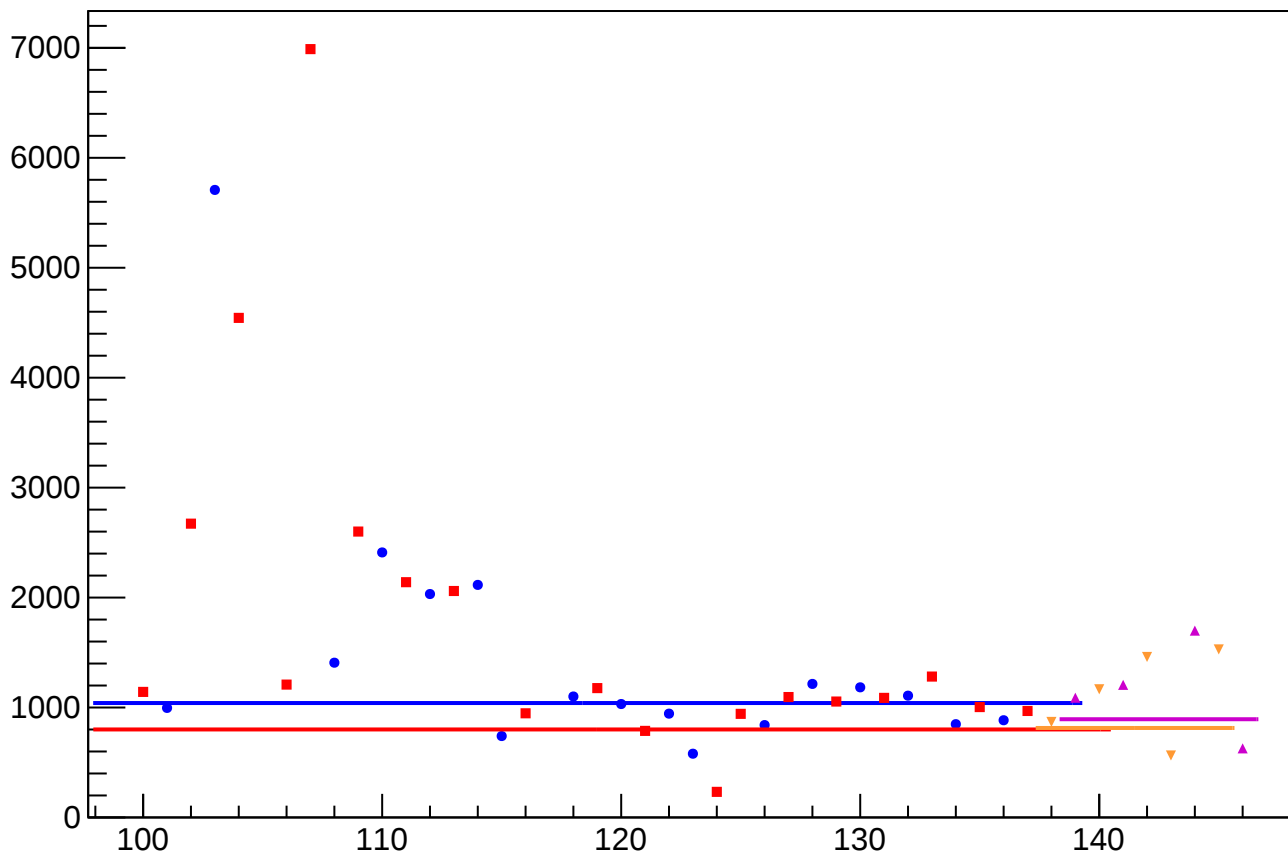
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -115.966+/-333.763 χ^2/NDF : 18.2/20

Out: -23.897+/-296.333 χ^2/NDF : 27.0/23

All: -64.482+/-221.596 χ^2/NDF : 45.2/44

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: 893.427+/-0.373 χ^2/NDF : 834405.4/3

Left: 849.428+/-0.250 χ^2/NDF : 1788722.2/8

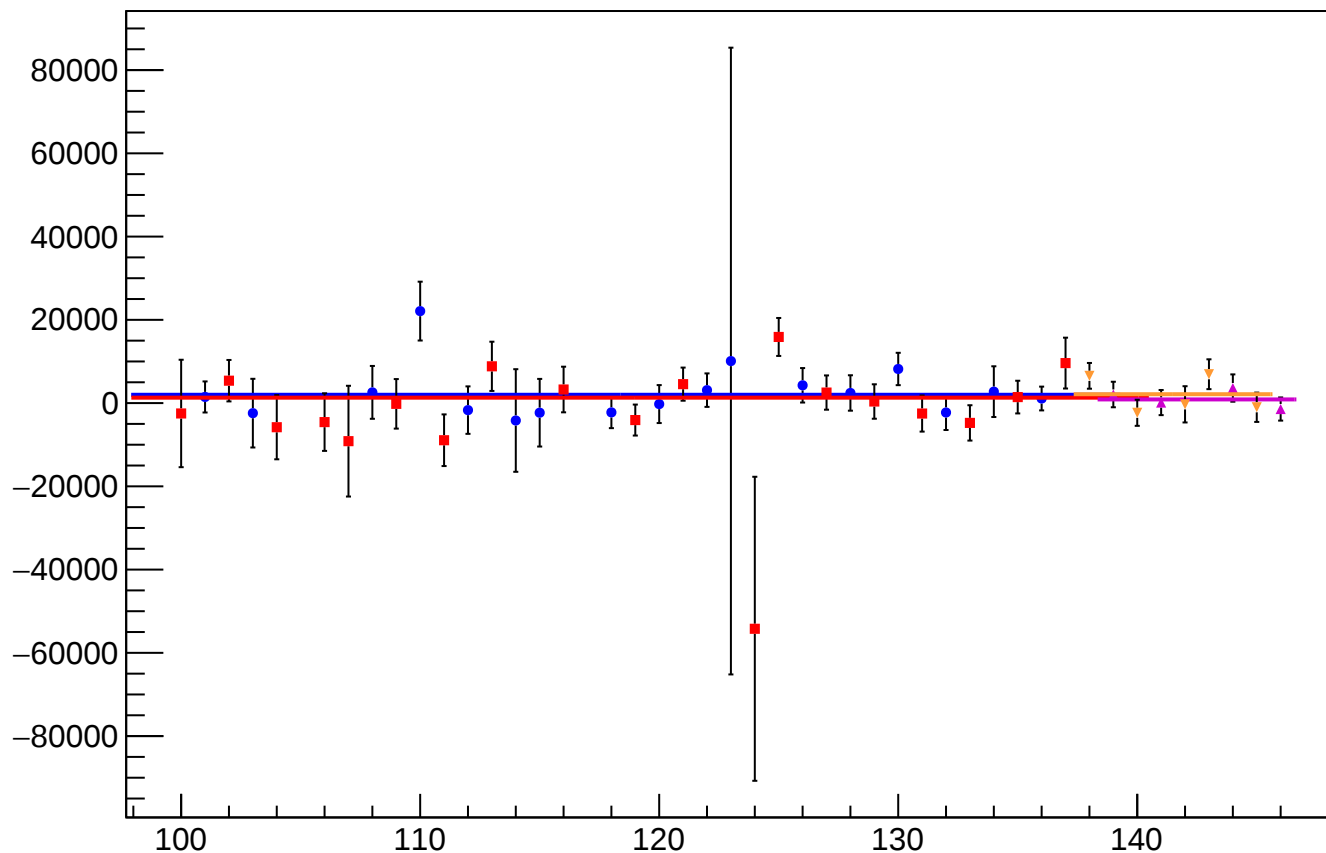
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 981.878+/-0.236 χ^2/NDF : 2500946.4/20

Out: 805.667+/-0.210 χ^2/NDF : 6117219.1/23

All: 883.342+/-0.157 χ^2/NDF : 8929899.5/44

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: 878.778+/-1510.692 χ^2/NDF : 1.6/3

Left: 1489.845+/-1081.044 χ^2/NDF : 8.9/8

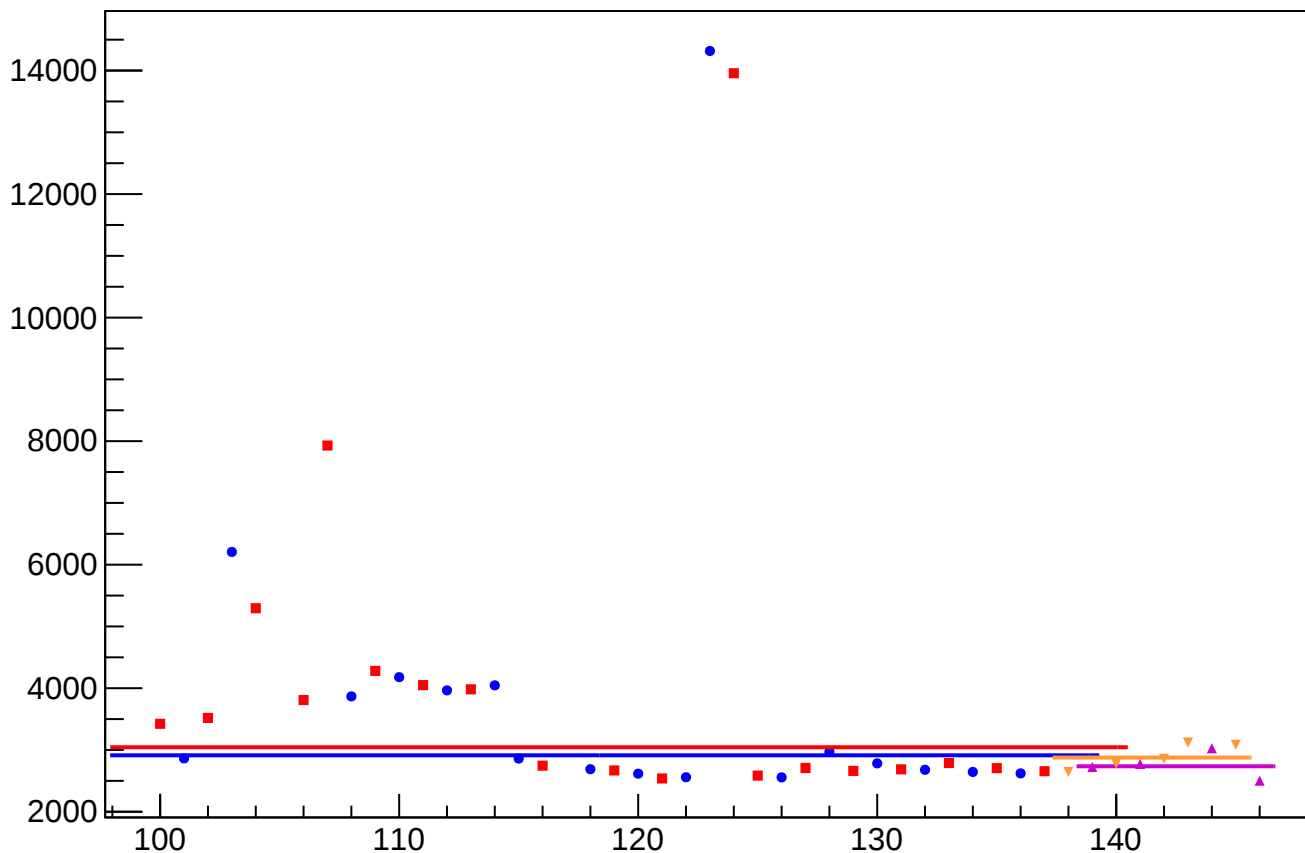
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1583.997+/-917.579 χ^2/NDF : 16.9/20

Out: 1610.978+/-942.695 χ^2/NDF : 34.7/23

All: 1597.124+/-657.526 χ^2/NDF : 51.6/44

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: 2736.155+/-1.068 χ^2/NDF : 30175.5/3

Left: 2804.998+/-0.764 χ^2/NDF : 68252.6/8

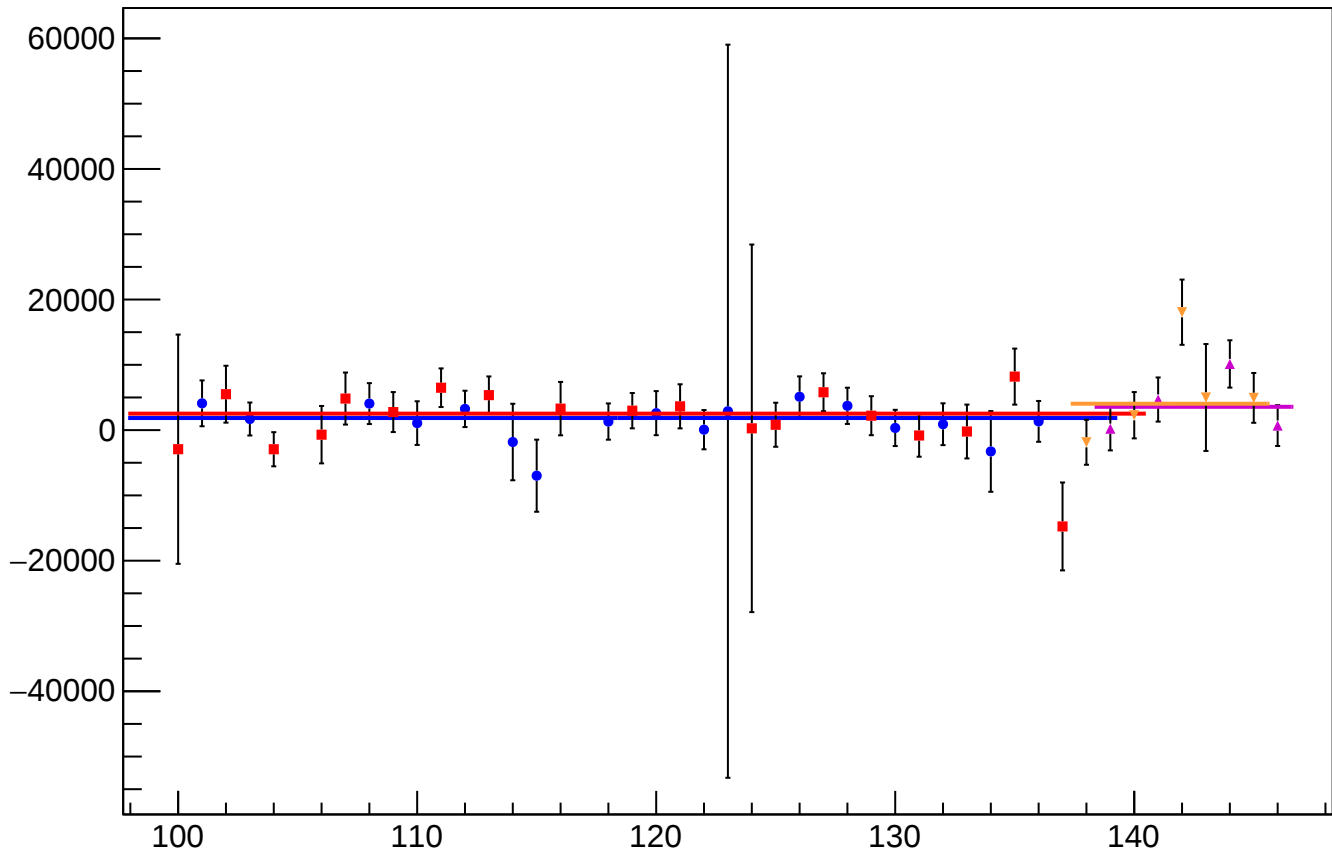
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2848.310+/-0.649 χ^2/NDF : 686627.7/20

Out: 2982.428+/-0.667 χ^2/NDF : 1049578.2/23

All: 2913.559+/-0.465 χ^2/NDF : 1756993.3/44

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 4042.217 $\pm$ 1865.134 χ^2 /NDF:11.1/4

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 3570.203 $\pm$ 1675.559 χ^2 /NDF:5.2/3

Left: 3781.010 $\pm$ 1246.450 χ^2 /NDF: 16.4/8

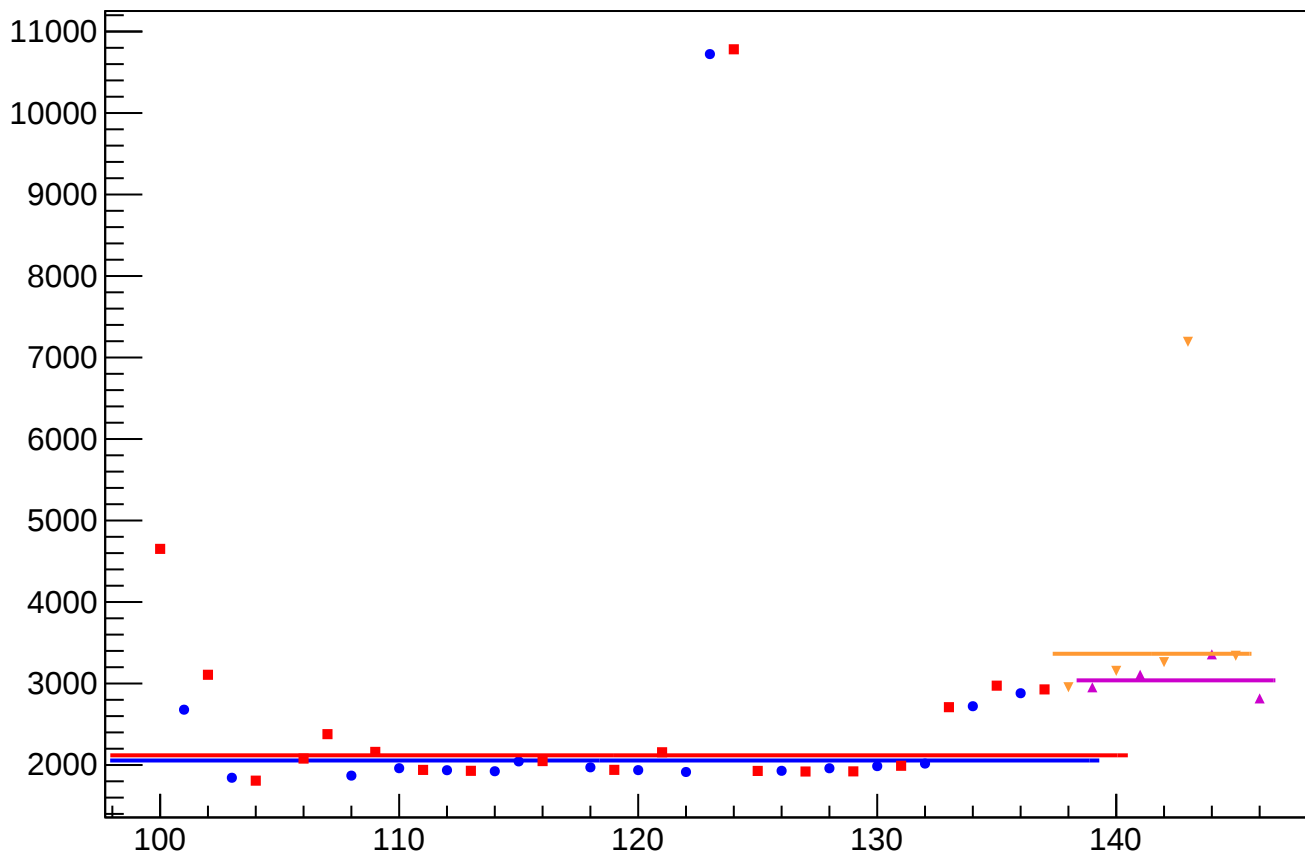
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2173.817 $\pm$ 726.890 χ^2 /NDF:13.4/20

Out: 2768.549 $\pm$ 749.452 χ^2 /NDF:31.8/23

All: 2462.096 $\pm$ 521.783 χ^2 /NDF: 45.5/44

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: 3038.725+/-1.185 χ^2/NDF : 27675.8/3

Left: 3184.419+/-0.881 χ^2/NDF : 535151.4/8

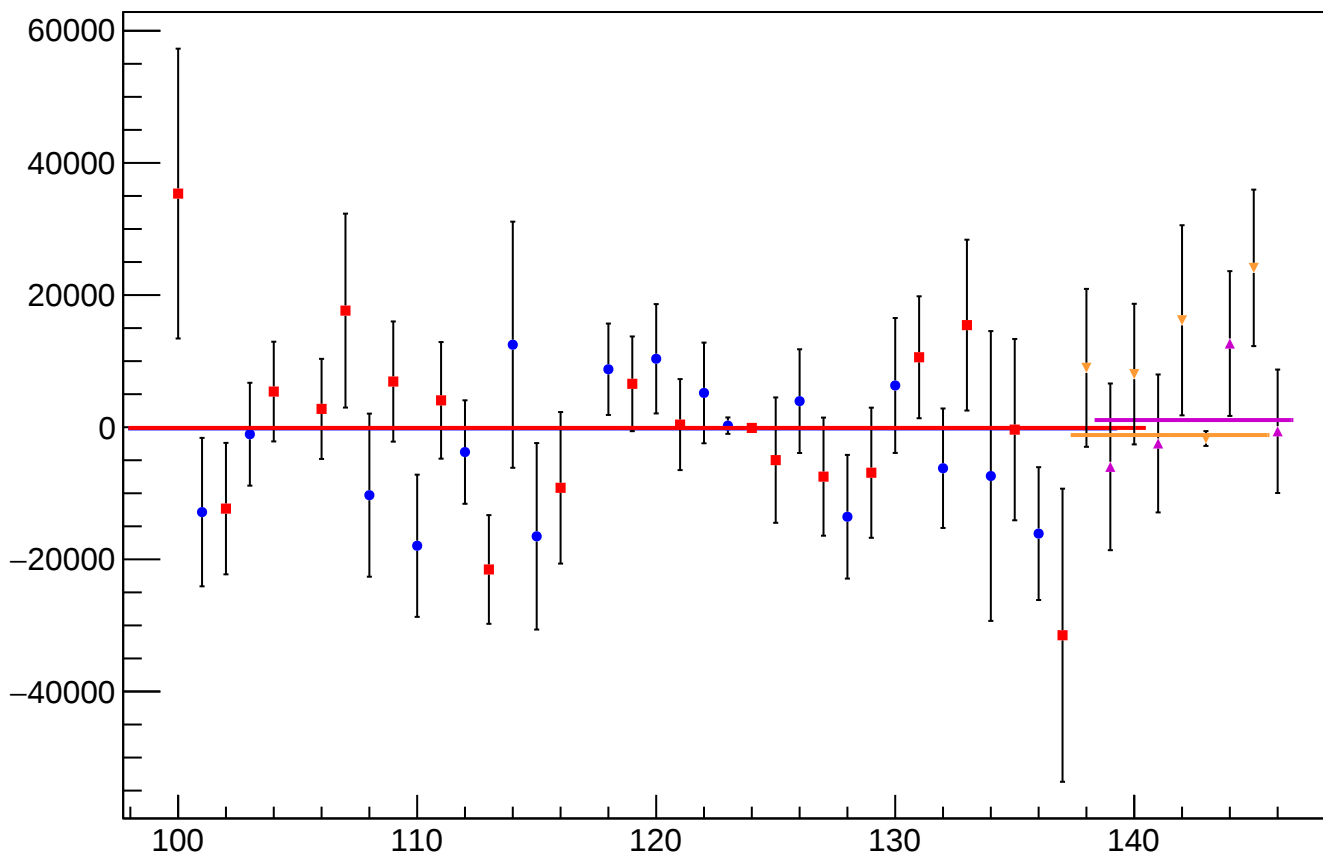
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2240.499+/-0.514 χ^2/NDF : 903190.0/20

Out: 2319.502+/-0.529 χ^2/NDF : 1796338.6/23

All: 2278.843+/-0.369 χ^2/NDF : 2710995.1/44

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: 1082.997+/-5326.511 χ^2/NDF : 1.6/3

Left: -1094.416+/-1080.209 χ^2/NDF : 9.5/8

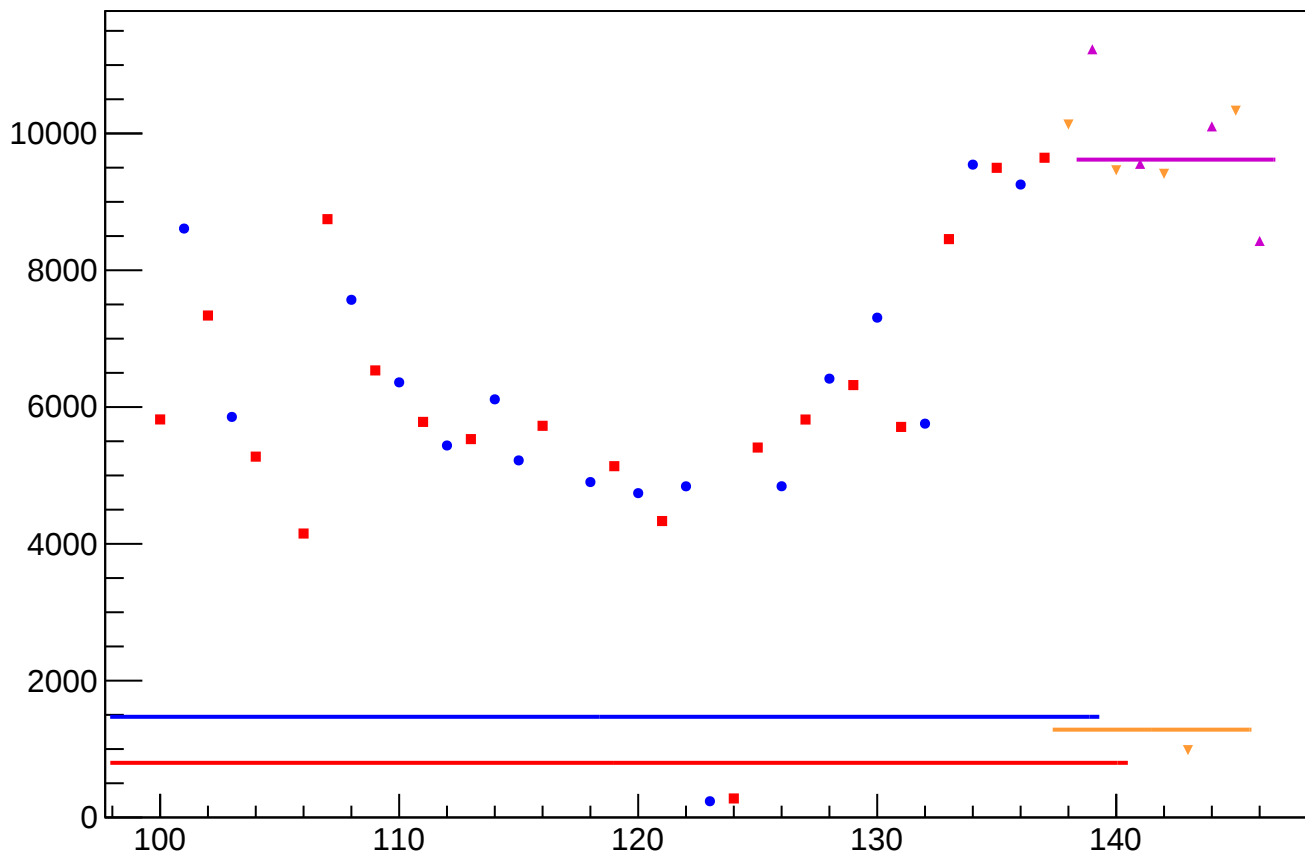
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -133.299+/-1078.000 χ^2/NDF : 18.0/20

Out: -411.153+/-585.377 χ^2/NDF : 30.0/23

All: -347.880+/-514.425 χ^2/NDF : 48.0/44

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left: 1626.434+/-0.764

χ^2/NDF : 8989726.8/8

Left Out: 1283.682+/-0.780

χ^2/NDF : 4225921.5/4

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

In: 1805.263+/-0.762

χ^2/NDF : 14343507.3/20

Out: 935.225+/-0.414

χ^2/NDF : 16031183.9/23

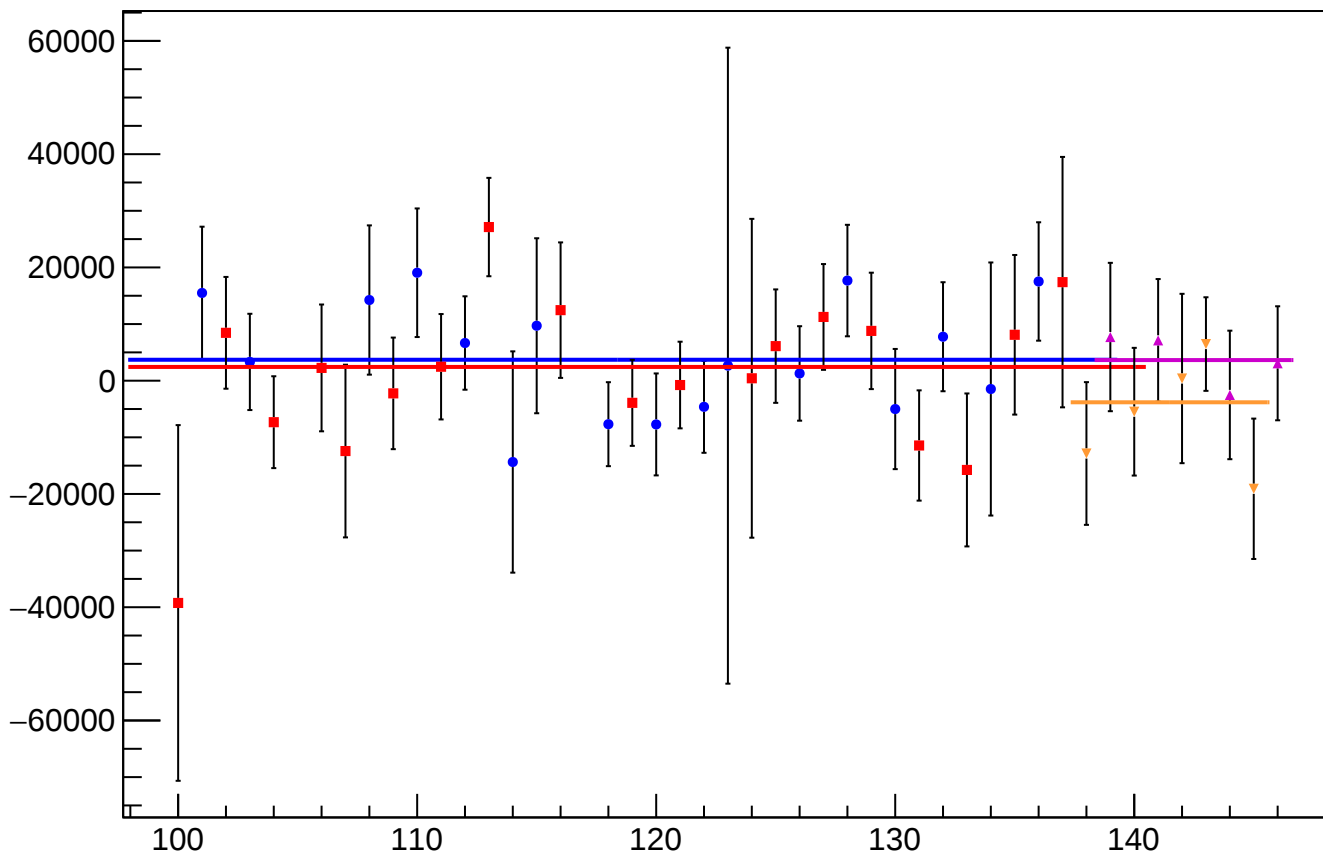
Left In: 9617.622+/-3.766

χ^2/NDF : 69124.0/3

All: 1133.352+/-0.364

χ^2/NDF : 31380794.7/4

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: 3642.005+/-5590.813 χ^2/NDF : 0.5/3

Left: -490.984+/-3732.268 χ^2/NDF : 5.2/8

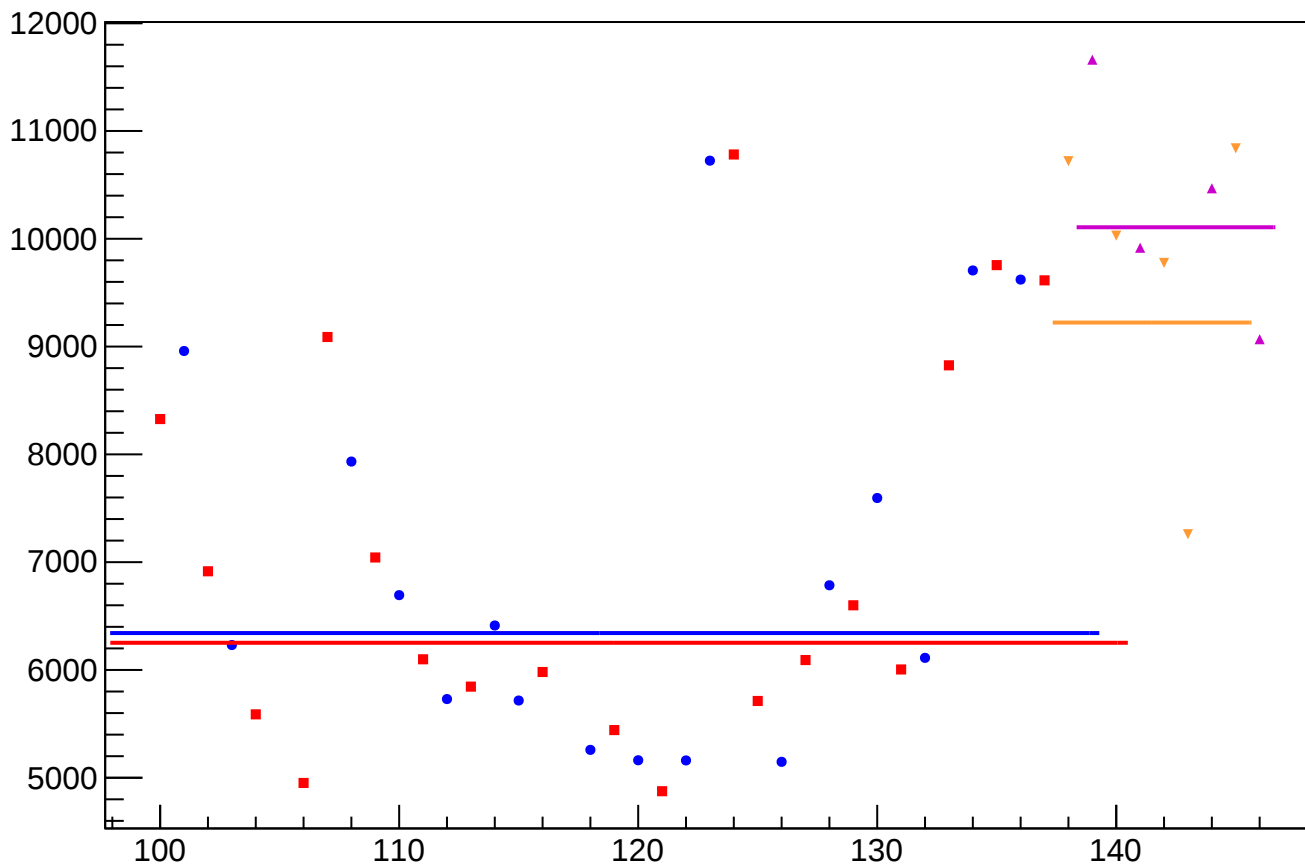
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3688.923+/-2295.852 χ^2/NDF : 14.9/20

Out: 1248.969+/-2180.367 χ^2/NDF : 25.2/23

All: 2406.038+/-1581.003 χ^2/NDF : 40.7/44

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9222.799+/-3.545 χ^2/NDF :188180.7/4

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10106.781+/-3.953 χ^2/NDF :52102.7/3

Left: 9616.747+/-2.639 χ^2/NDF : 268000.7/8

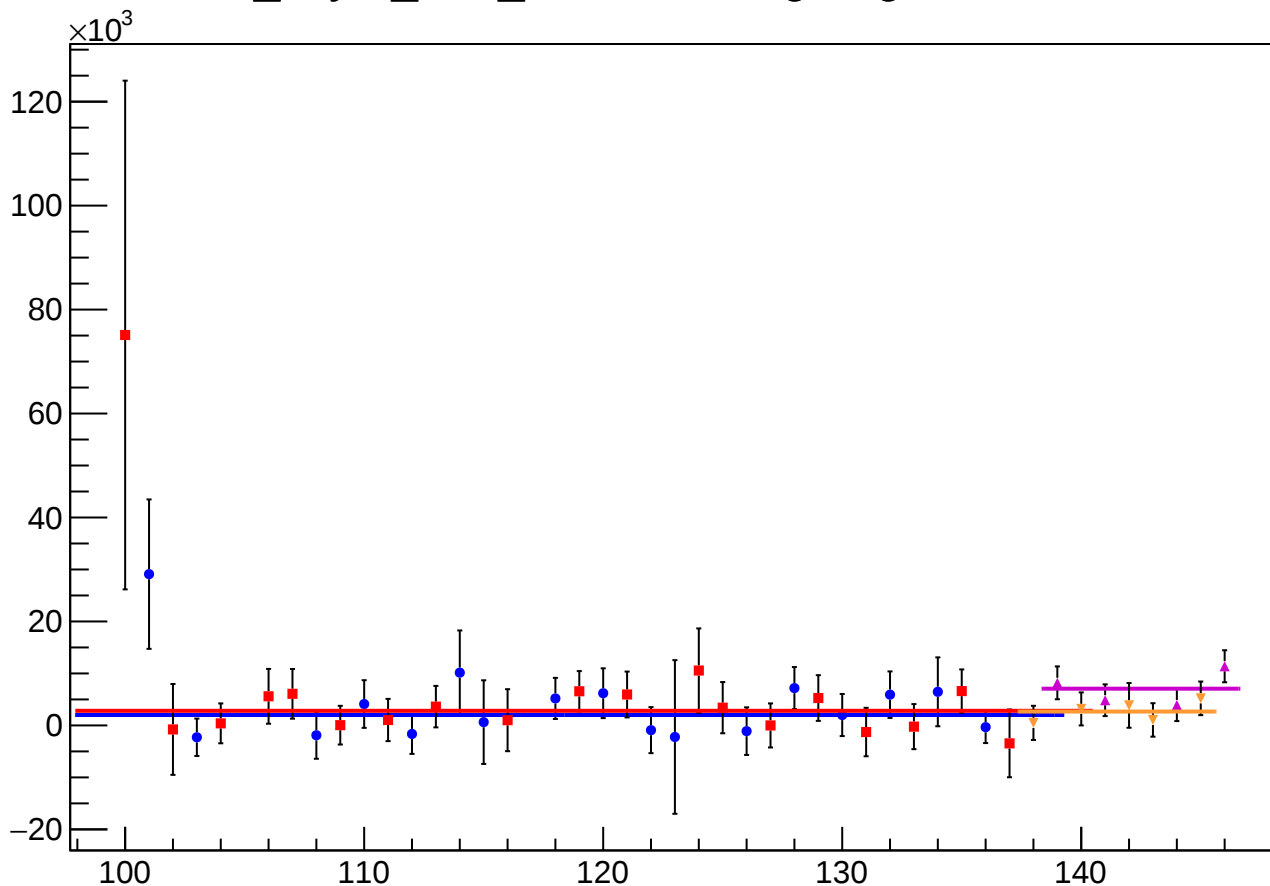
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 6977.126+/-1.623 χ^2/NDF :1399610.6/20

Out: 6814.112+/-1.542 χ^2/NDF :1295721.0/23

All: 6891.413+/-1.118 χ^2/NDF : 2700633.3/44

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: 7067.661+/-1547.050 χ^2/NDF : 3.7/3

Left: 4814.810+/-1080.722 χ^2/NDF : 9.2/8

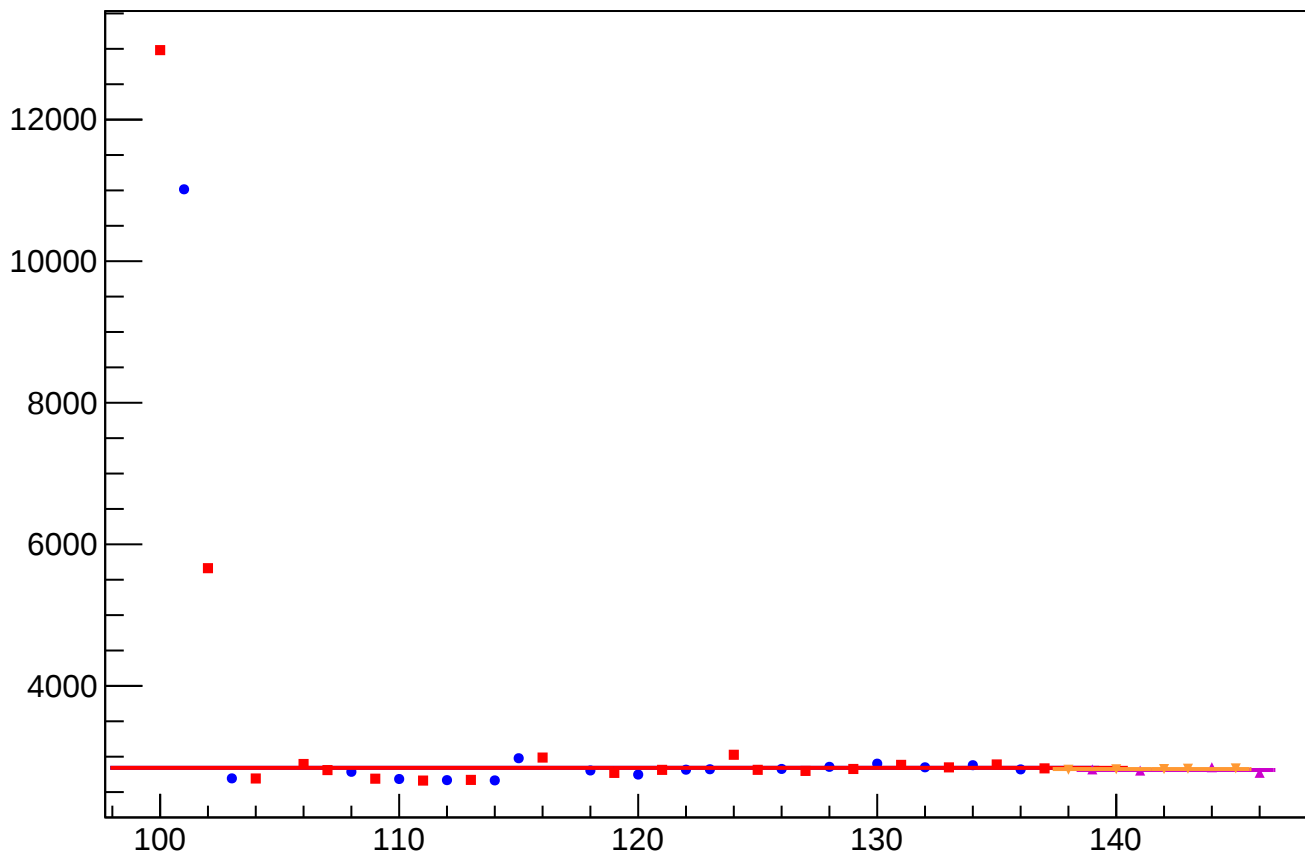
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 3756.759+/-910.092 χ^2/NDF : 24.4/20

Out: 2762.547+/-882.020 χ^2/NDF : 11.9/23

All: 3244.083+/-633.374 χ^2/NDF : 36.9/44

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: 2811.827+/-1.094 χ^2/NDF : 680.9/3

Left: 2818.768+/-0.764 χ^2/NDF : 799.8/8

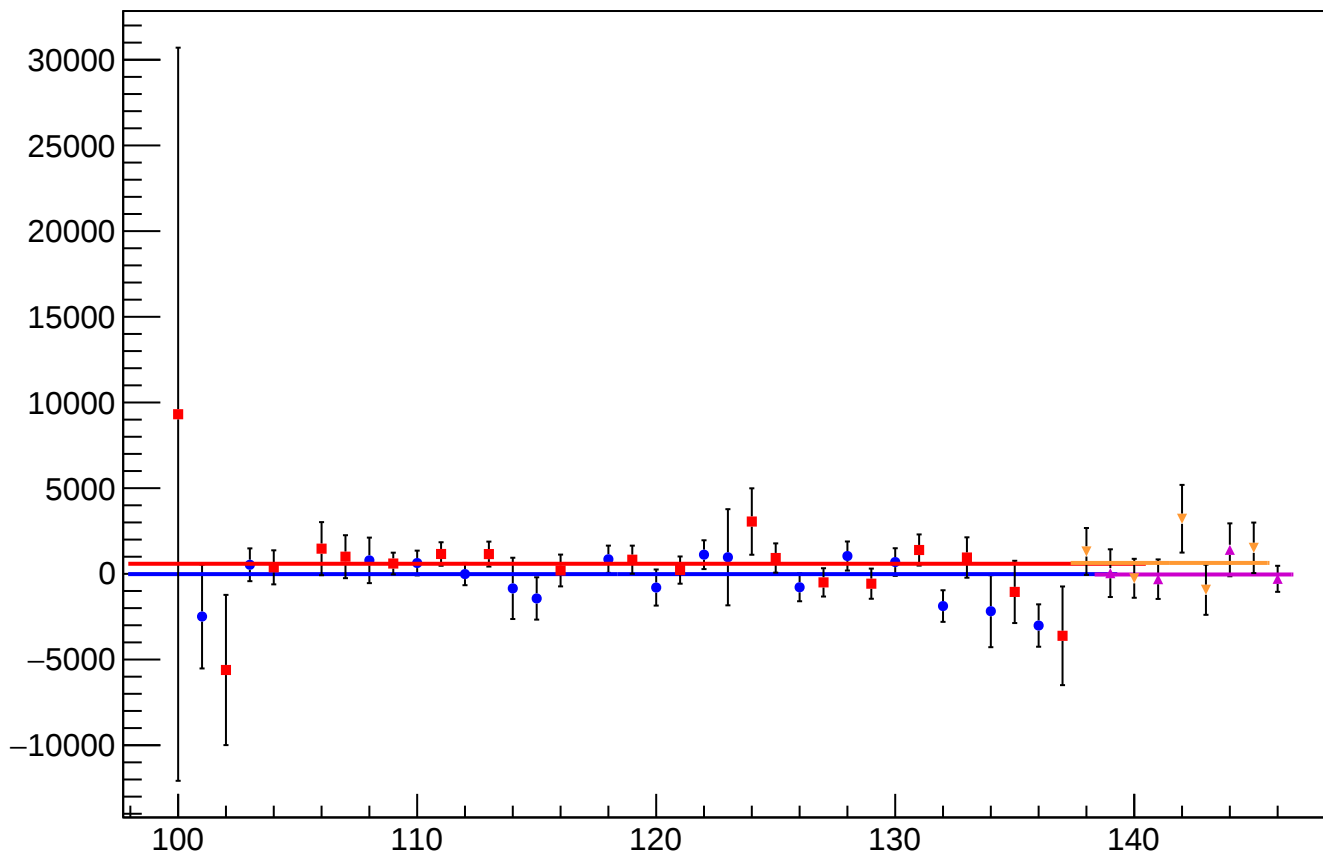
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2831.969+/-0.644 χ^2/NDF : 661504.5/20

Out: 2836.623+/-0.624 χ^2/NDF : 312543.9/23

All: 2834.369+/-0.448 χ^2/NDF : 974075.3/44

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: -36.905 ± 540.783 χ^2/NDF : 1.0/3

Left: 247.429 ± 411.313 χ^2/NDF : 5.8/8

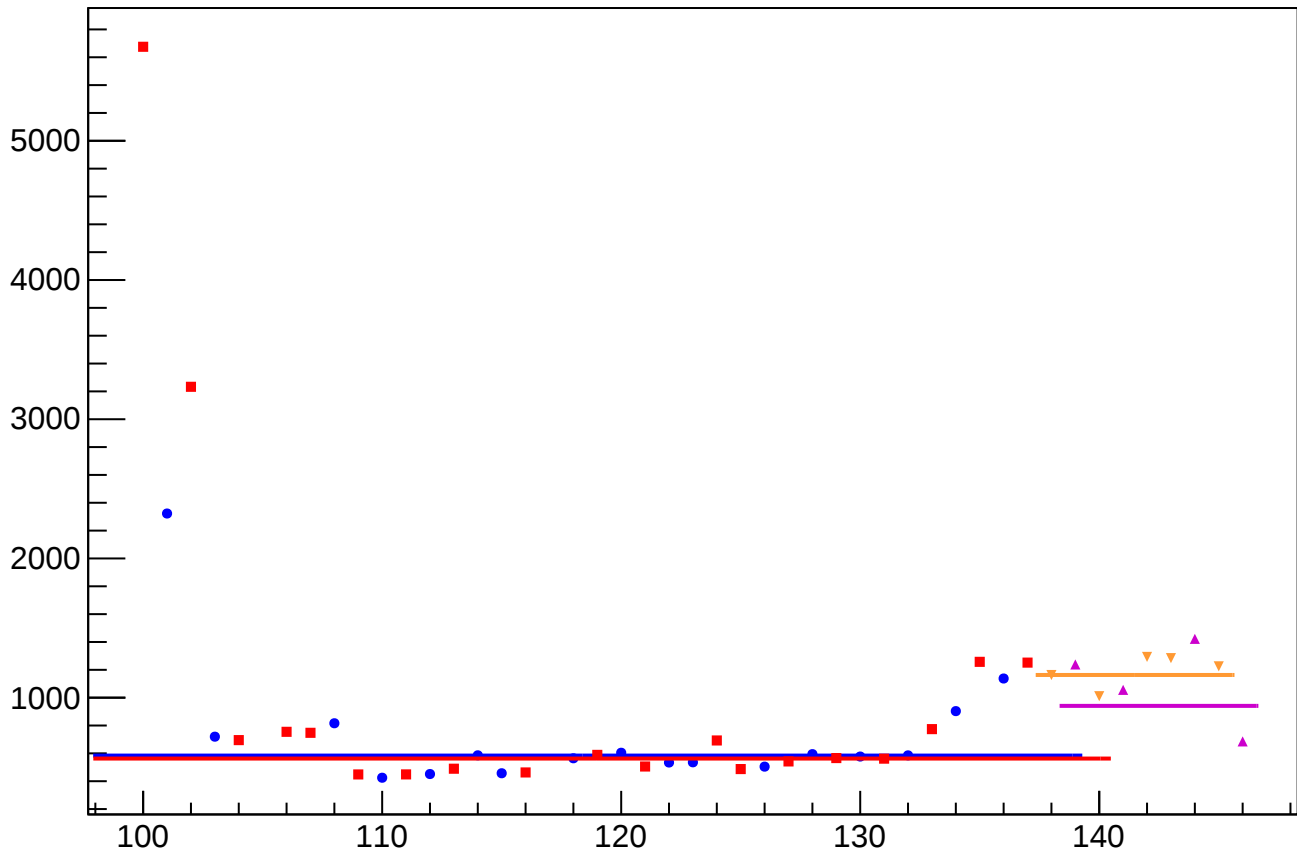
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: -19.104 ± 218.497 χ^2/NDF : 22.6/20

Out: 594.113 ± 212.693 χ^2/NDF : 17.6/23

All: 295.757 ± 152.407 χ^2/NDF : 44.3/44

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: 941.114+/-0.382 χ^2/NDF : 531435.2/3

Left: 1034.677+/-0.291 χ^2/NDF : 735299.3/8

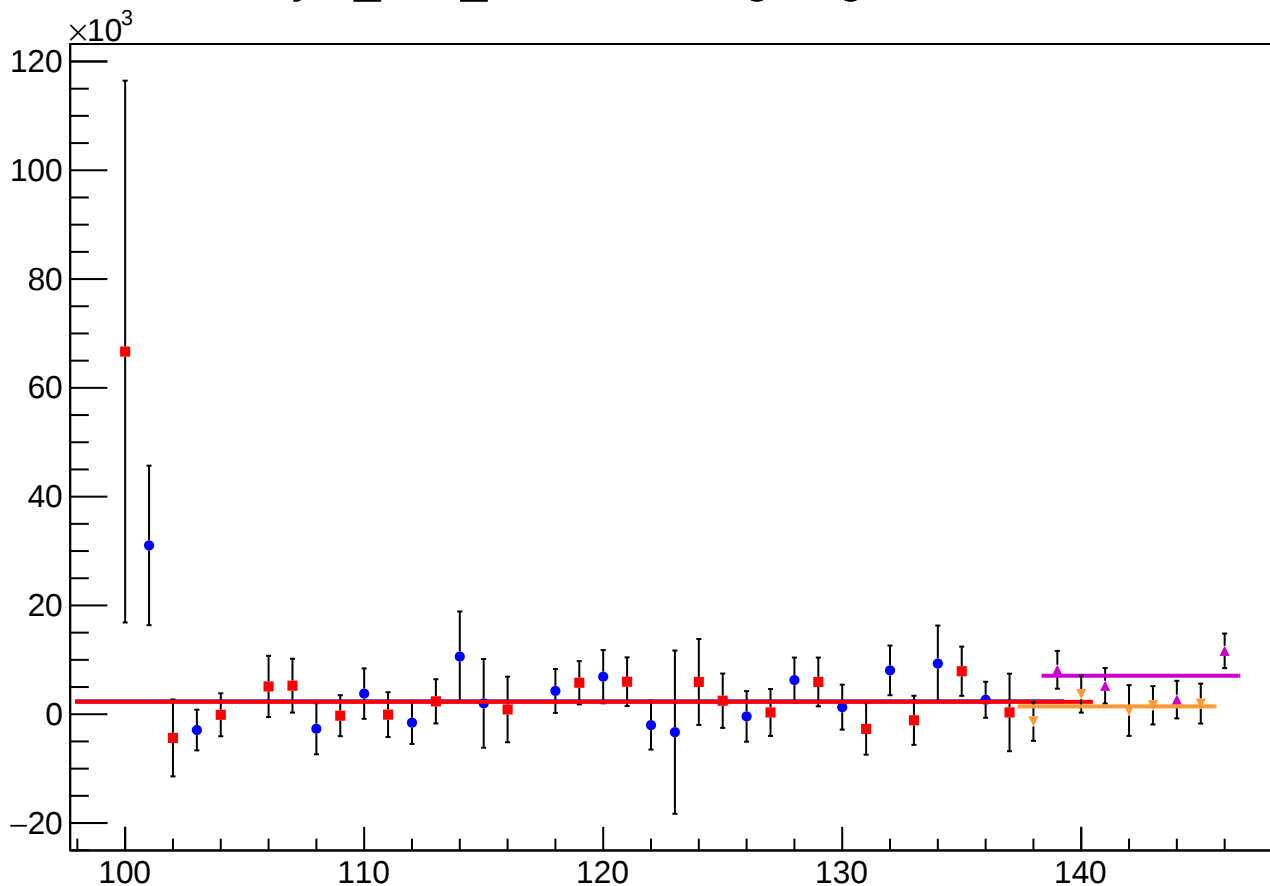
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 642.344+/-0.155 χ^2/NDF : 2697607.7/20

Out: 630.363+/-0.150 χ^2/NDF : 3295173.4/23

All: 636.192+/-0.108 χ^2/NDF : 5995869.0/44

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: 7080.042 $\pm$ 1667.042 χ^2 /NDF:4.1/3

Left: 4237.754 $\pm$ 1174.185 χ^2 /NDF: 11.0/8

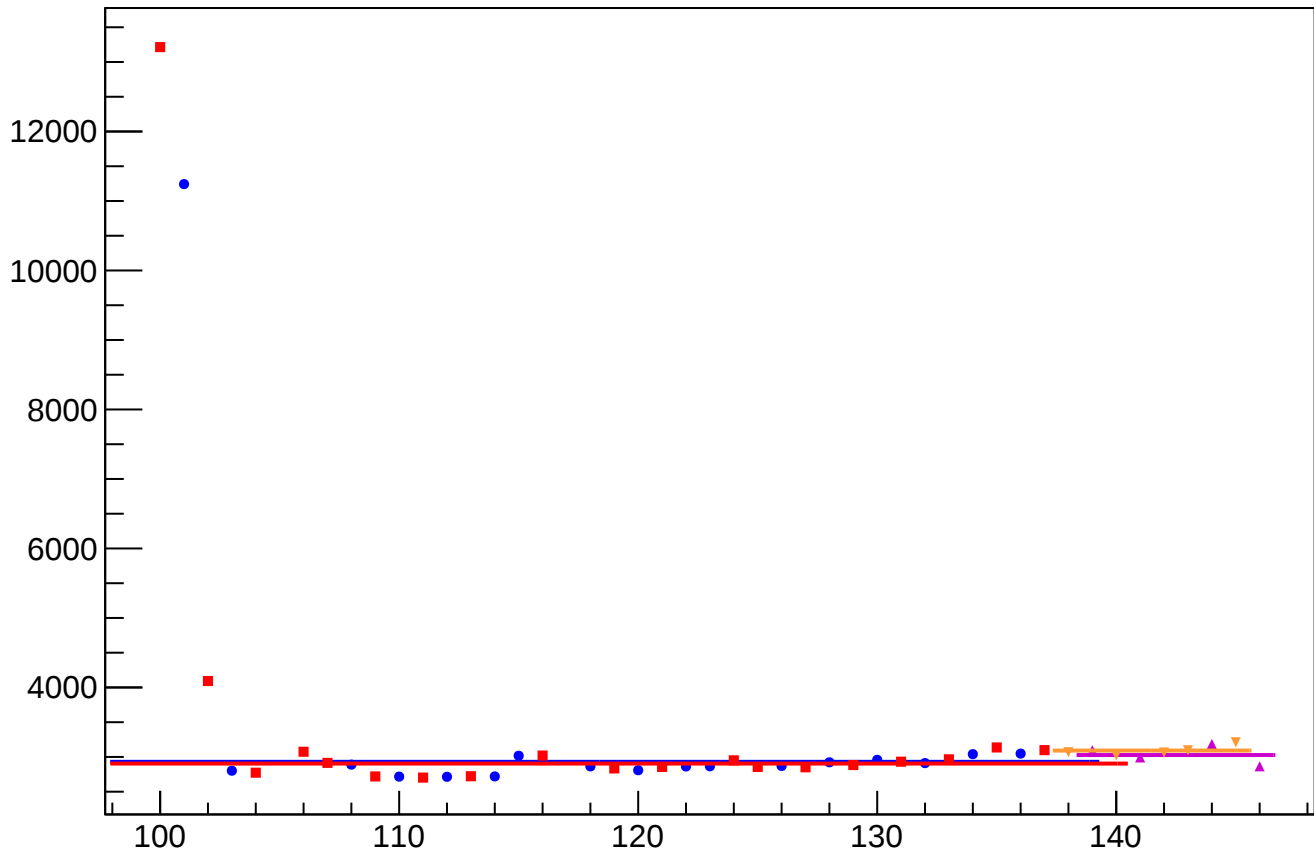
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3901.628 $\pm$ 952.133 χ^2 /NDF:24.6/20

Out: 2016.725 $\pm$ 922.656 χ^2 /NDF:11.5/23

All: 2929.548 $\pm$ 662.592 χ^2 /NDF: 38.1/44

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: 3027.275+/-1.179 χ^2/NDF : 10441.0/3

Left: 3059.950+/-0.830 χ^2/NDF : 15073.3/8

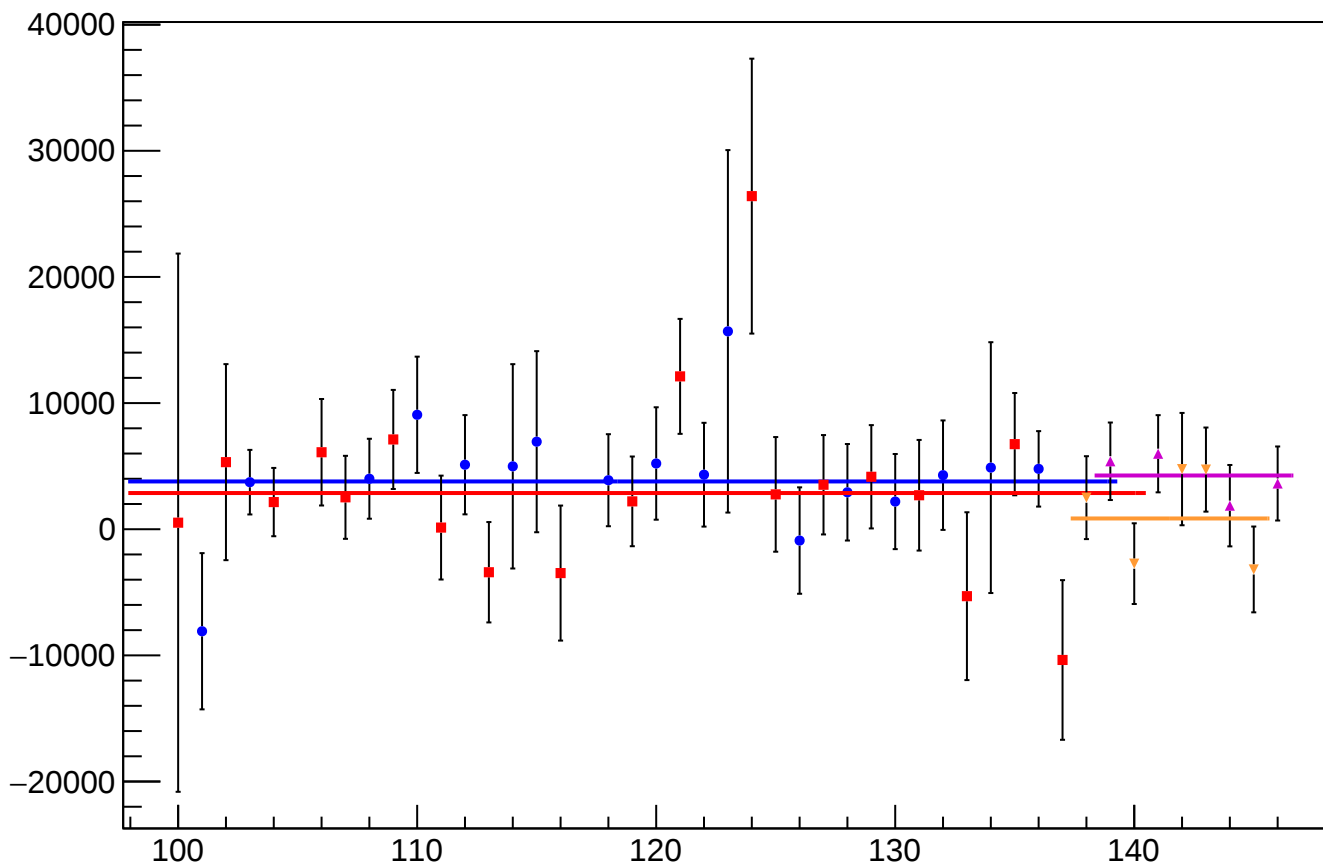
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2961.499+/-0.673 χ^2/NDF : 677691.2/20

Out: 2962.923+/-0.652 χ^2/NDF : 190108.2/23

All: 2962.233+/-0.469 χ^2/NDF : 867801.7/44

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: 4259.988+/-1533.918 χ^2/NDF : 1.0/3

Left: 2572.241+/-1089.662 χ^2/NDF : 8.5/8

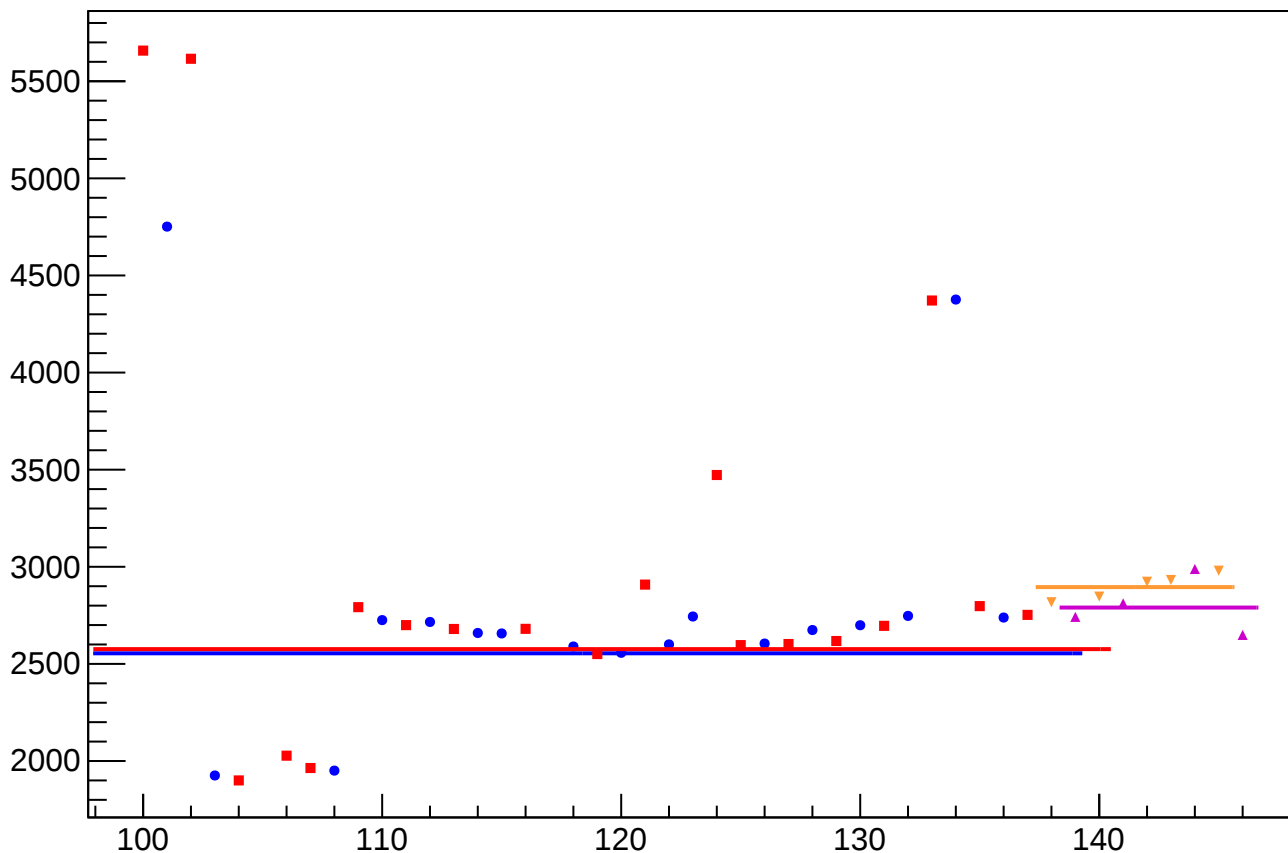
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3930.261+/-842.462 χ^2/NDF : 8.8/20

Out: 2273.354+/-841.767 χ^2/NDF : 28.3/23

All: 3101.124+/-595.465 χ^2/NDF : 39.1/44

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 +/- 0.713 χ^2/NDF : 536626.0/16

Left Out: 2895.400 +/- 1.095 χ^2/NDF : 3148.7/4

Right Out: 2576.077 +/- 0.709 χ^2/NDF : 765156.6/18

Left In: 2790.041 +/- 1.085 χ^2/NDF : 12774.5/3

Left: 2842.232 +/- 0.771 χ^2/NDF : 20597.2/8

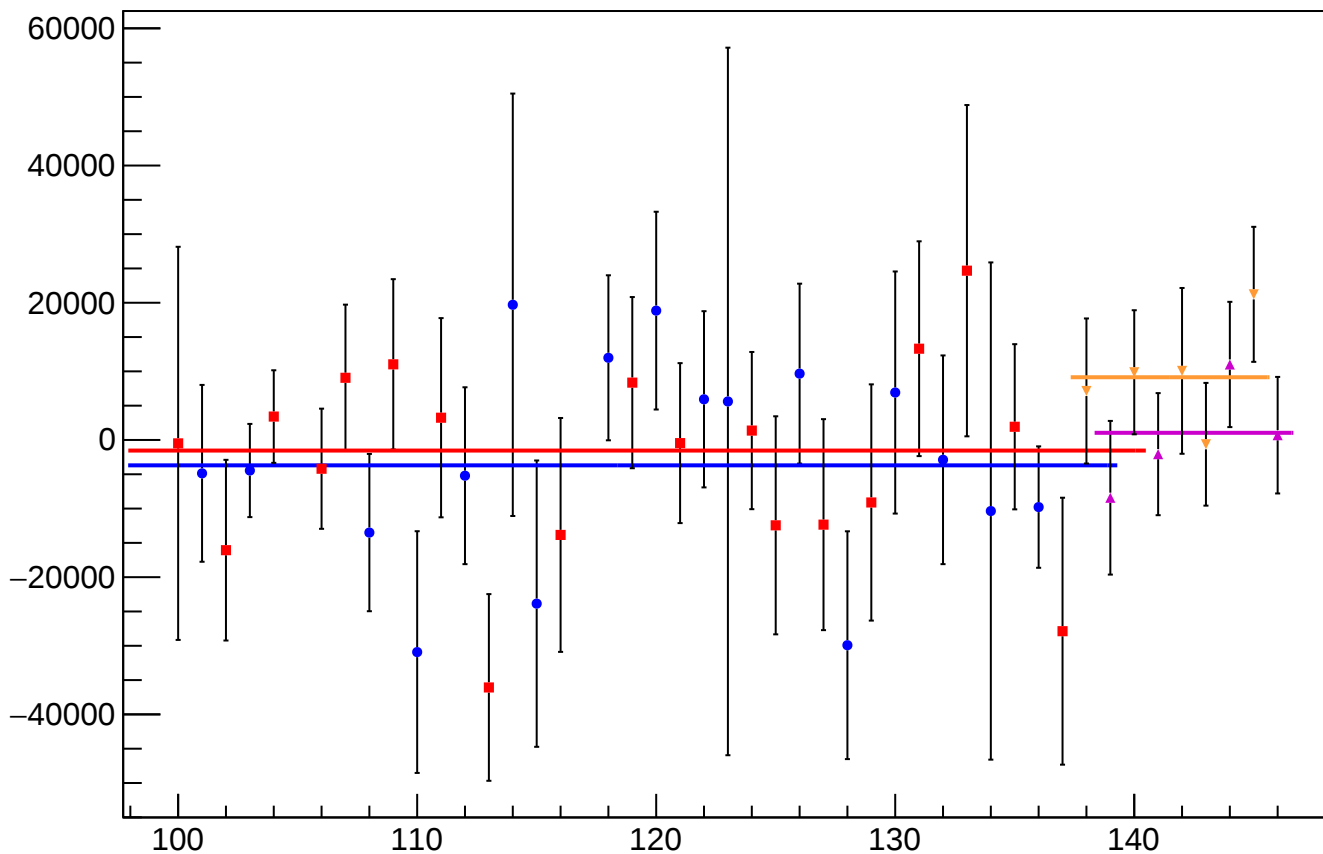
Right: 2565.366 +/- 0.503 χ^2/NDF : 1302241.7/35

In: 2625.576 +/- 0.596 χ^2/NDF : 582323.6/20

Out: 2670.419 +/- 0.595 χ^2/NDF : 828249.4/23

All: 2648.022 +/- 0.421 χ^2/NDF : 1413409.5/44

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: 1041.909 ± 4639.122 χ^2/NDF : 2.0/3

Left: 5274.365 ± 3205.561 χ^2/NDF : 6.4/8

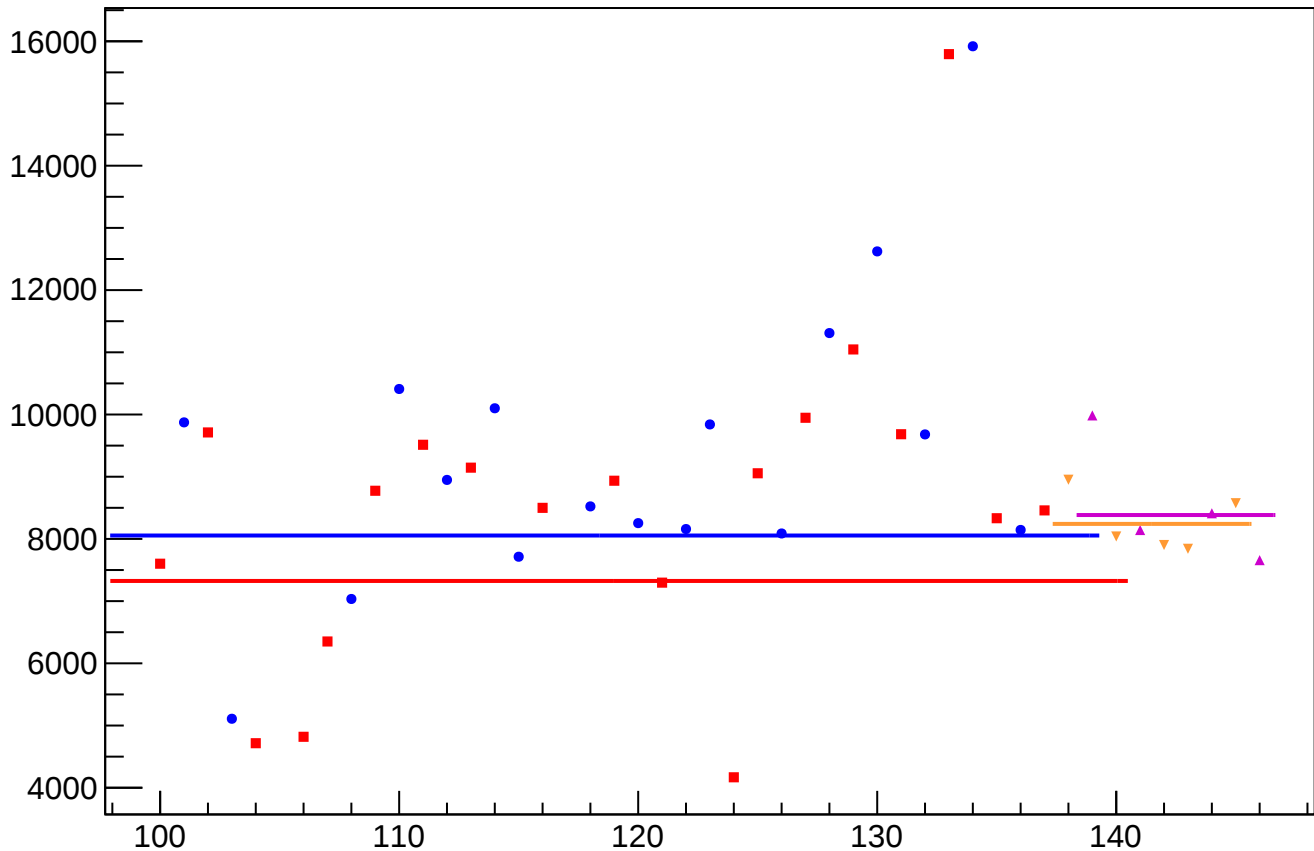
Right: -2509.390 ± 2152.947 χ^2/NDF : 30.8/35

In: -2159.326 ± 2644.046 χ^2/NDF : 16.5/20

Out: 1651.499 ± 2425.232 χ^2/NDF : 23.6/23

All: -89.727 ± 1787.257 χ^2/NDF : 41.3/44

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: 8384.131 $\pm$ 3.280 χ^2/NDF :56960.1/3

Left: 8309.571 $\pm$ 2.267 χ^2/NDF : 75837.5/8

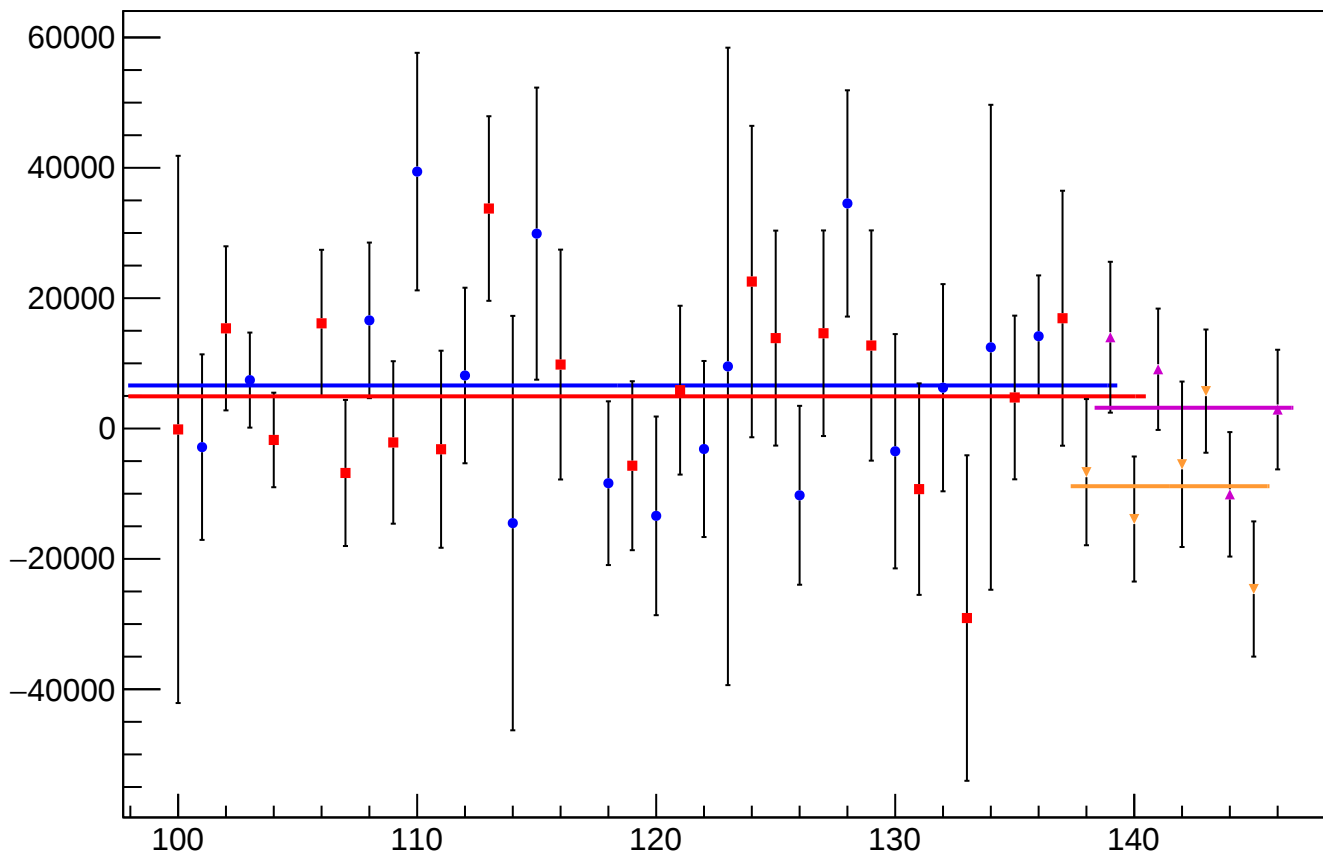
Right: 7651.290 $\pm$ 1.522 χ^2/NDF : 2213838.0/35

In: 8161.760 $\pm$ 1.870 χ^2/NDF :884529.7/20

Out: 7598.613 $\pm$ 1.715 χ^2/NDF :1413996.8/23

All: 7855.924 $\pm$ 1.264 χ^2/NDF : 2347798.9/44

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: 3186.237+/-4888.364 χ^2/NDF : 3.2/3

Left: -3083.925+/-3383.441 χ^2/NDF : 11.4/8

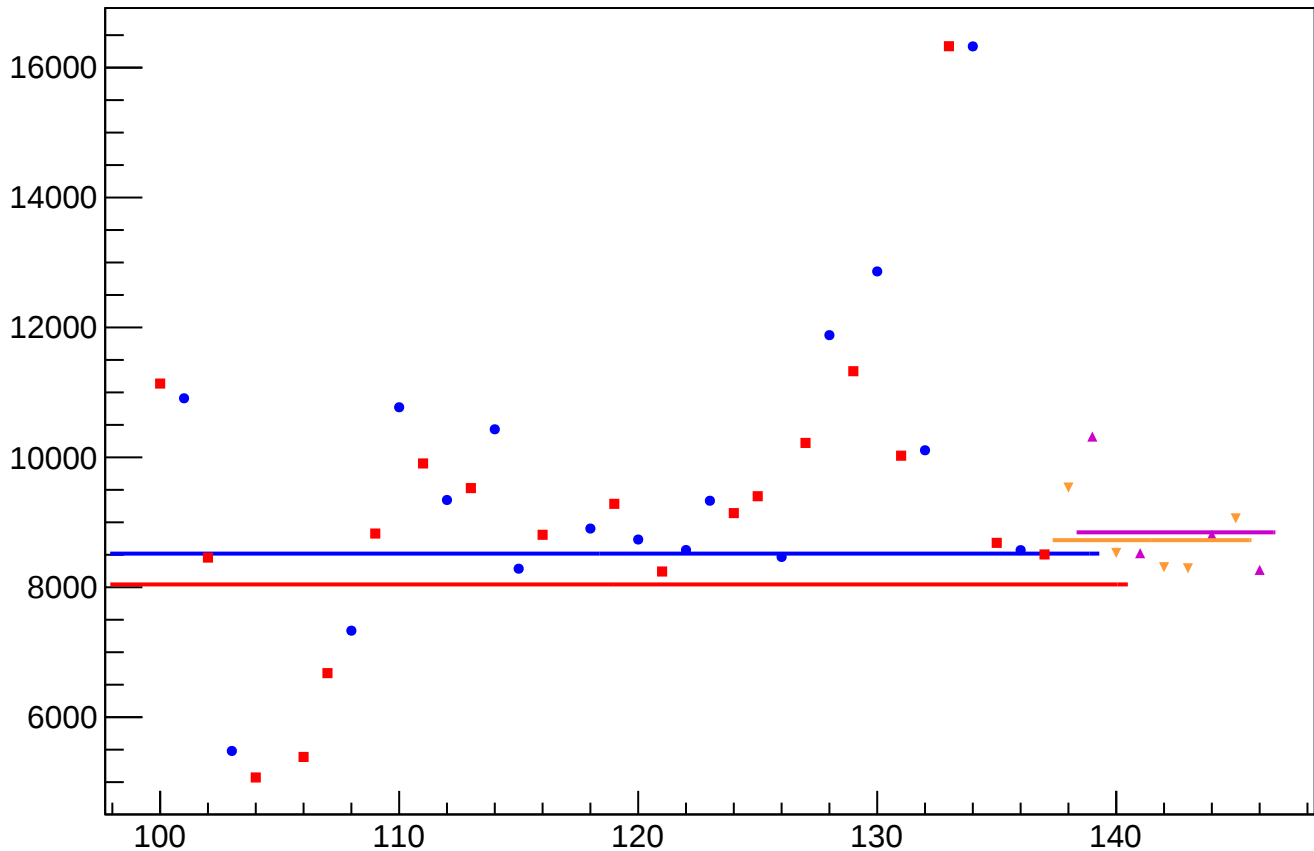
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 5493.757+/-2788.950 χ^2/NDF : 18.2/20

Out: 616.019+/-2624.705 χ^2/NDF : 24.6/23

All: 2907.038+/-1911.375 χ^2/NDF : 44.4/44

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: 8845.704+/-3.457 χ^2/NDF : 42807.8/3

Left: 8782.922+/-2.392 χ^2/NDF : 63150.0/8

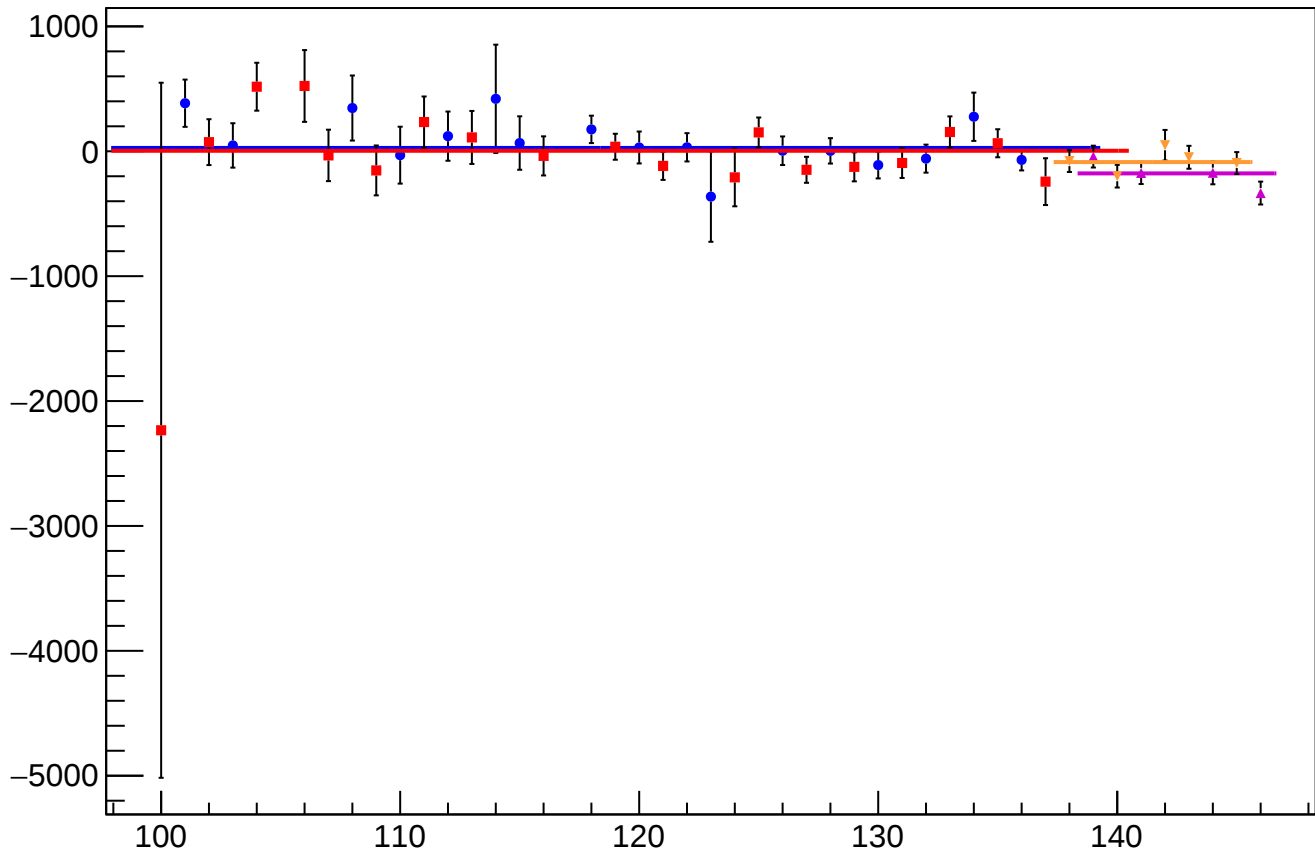
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8624.852+/-1.972 χ^2/NDF : 820855.1/20

Out: 8257.369+/-1.856 χ^2/NDF : 1002295.4/23

All: 8429.968+/-1.352 χ^2/NDF : 1841565.2/44

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: -177.144 ± 45.019 $\chi^2/\text{NDF}: 5.3/3$

Left: -128.617 ± 30.678 $\chi^2/\text{NDF}: 10.5/8$

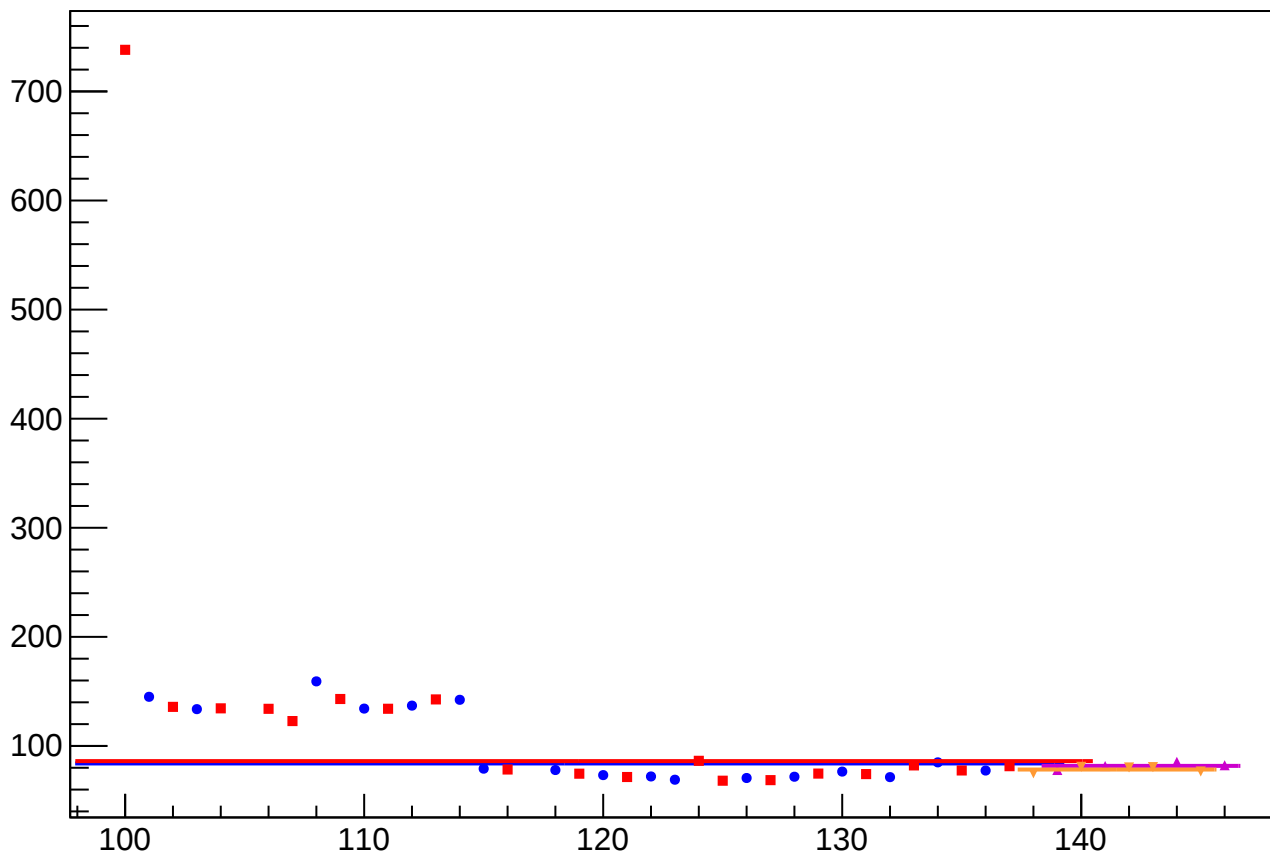
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -46.290 ± 26.941 $\chi^2/\text{NDF}: 33.0/20$

Out: -31.725 ± 26.330 $\chi^2/\text{NDF}: 30.4/23$

All: -38.841 ± 18.830 $\chi^2/\text{NDF}: 63.5/44$

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: 81.728+/-0.032 χ^2/NDF : 6990.2/3

Left: 79.938+/-0.022 χ^2/NDF : 20099.3/8

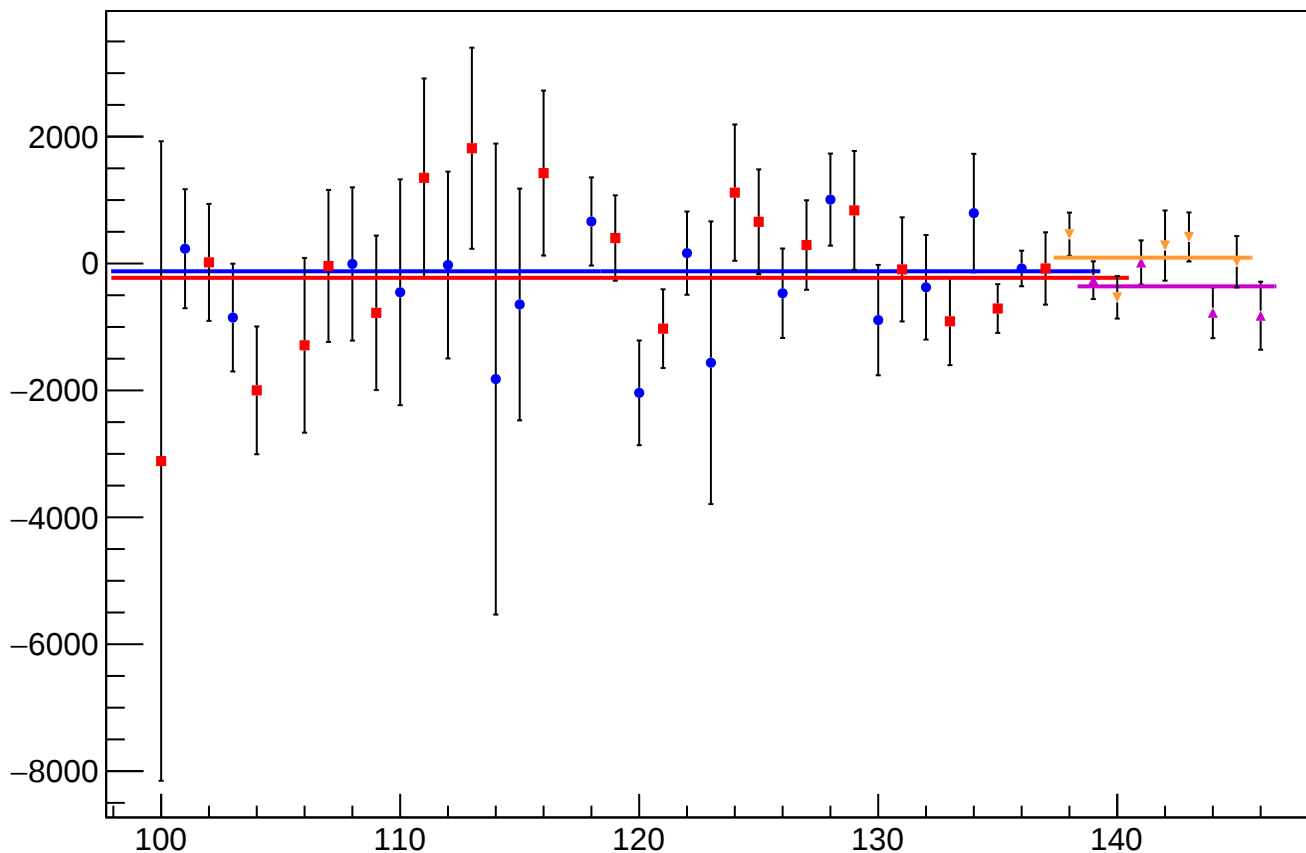
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.161+/-0.019 χ^2/NDF : 970400.8/20

Out: 83.061+/-0.019 χ^2/NDF : 1184537.2/23

All: 83.110+/-0.013 χ^2/NDF : 2154952.1/44

asym_sam1_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -225.420 ± 184.973 $\chi^2/\text{NDF}: 18.3/18$

Left In: -359.899 ± 184.925 $\chi^2/\text{NDF}: 3.1/3$

Left: -118.097 ± 126.166 $\chi^2/\text{NDF}: 11.8/8$

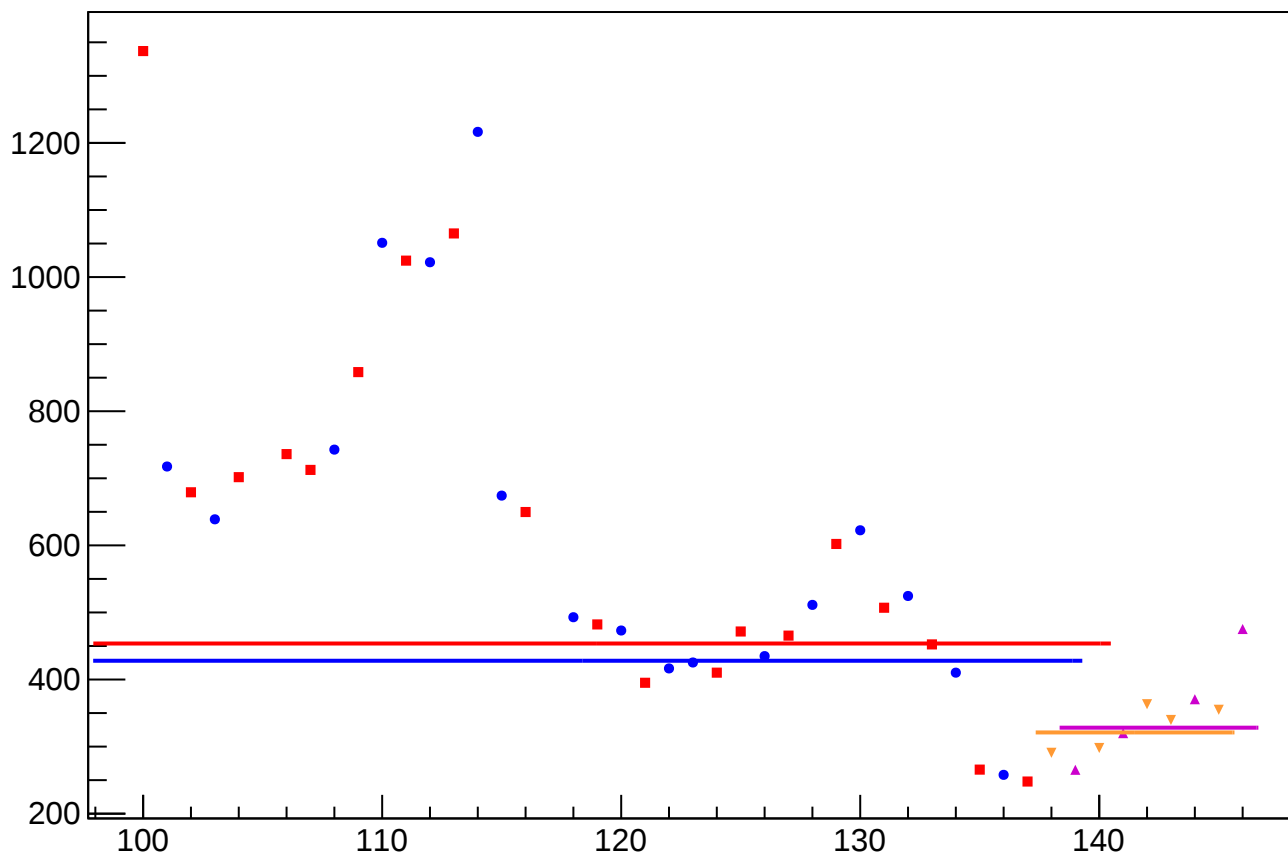
Right: -172.394 ± 128.849 $\chi^2/\text{NDF}: 31.5/35$

In: -237.678 ± 128.833 $\chi^2/\text{NDF}: 17.0/20$

Out: -55.459 ± 126.182 $\chi^2/\text{NDF}: 25.4/23$

All: -144.674 ± 90.147 $\chi^2/\text{NDF}: 43.4/44$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 321.112 $\pm$ 0.122 χ^2 /NDF:55517.8/4

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 328.206 $\pm$ 0.131 χ^2 /NDF:263120.2/3

Left: 324.414 $\pm$ 0.089 χ^2 /NDF: 320210.8/8

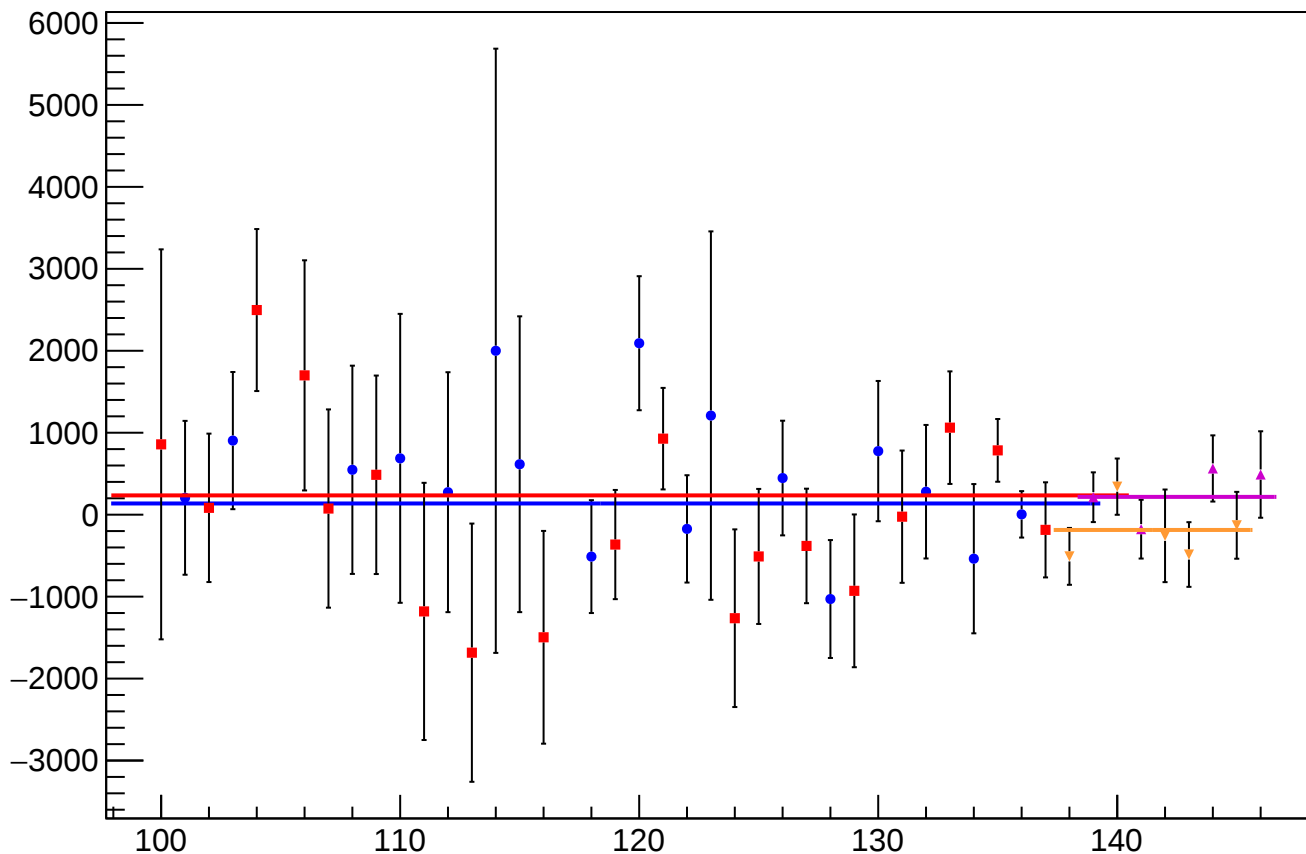
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 379.556 $\pm$ 0.091 χ^2 /NDF:2625026.2/20

Out: 382.811 $\pm$ 0.089 χ^2 /NDF:2739459.0/23

All: 381.218 $\pm$ 0.064 χ^2 /NDF: 5365136.5/44

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: 217.188 $\pm$ 187.795 χ^2 /NDF: 2.2/3

Left: 2.065 $\pm$ 128.335 χ^2 /NDF: 8.5/8

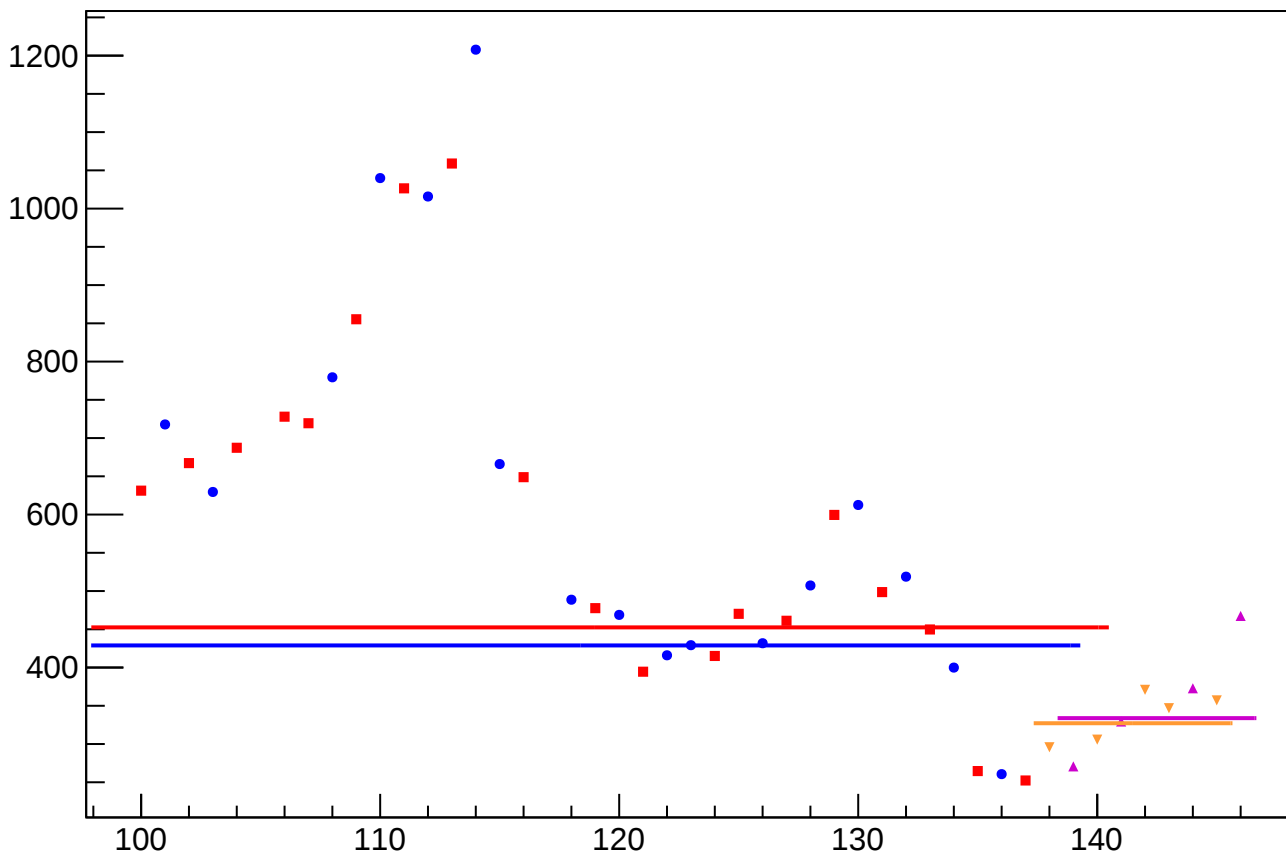
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 175.209 $\pm$ 129.800 χ^2 /NDF: 14.9/20

Out: 14.802 $\pm$ 127.113 χ^2 /NDF: 28.4/23

All: 93.328 $\pm$ 90.818 χ^2 /NDF: 44.1/44

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: 333.843 $\pm$ 0.133 χ^2 /NDF: 233673.1/3

Left: 330.287 $\pm$ 0.091 χ^2 /NDF: 286876.5/8

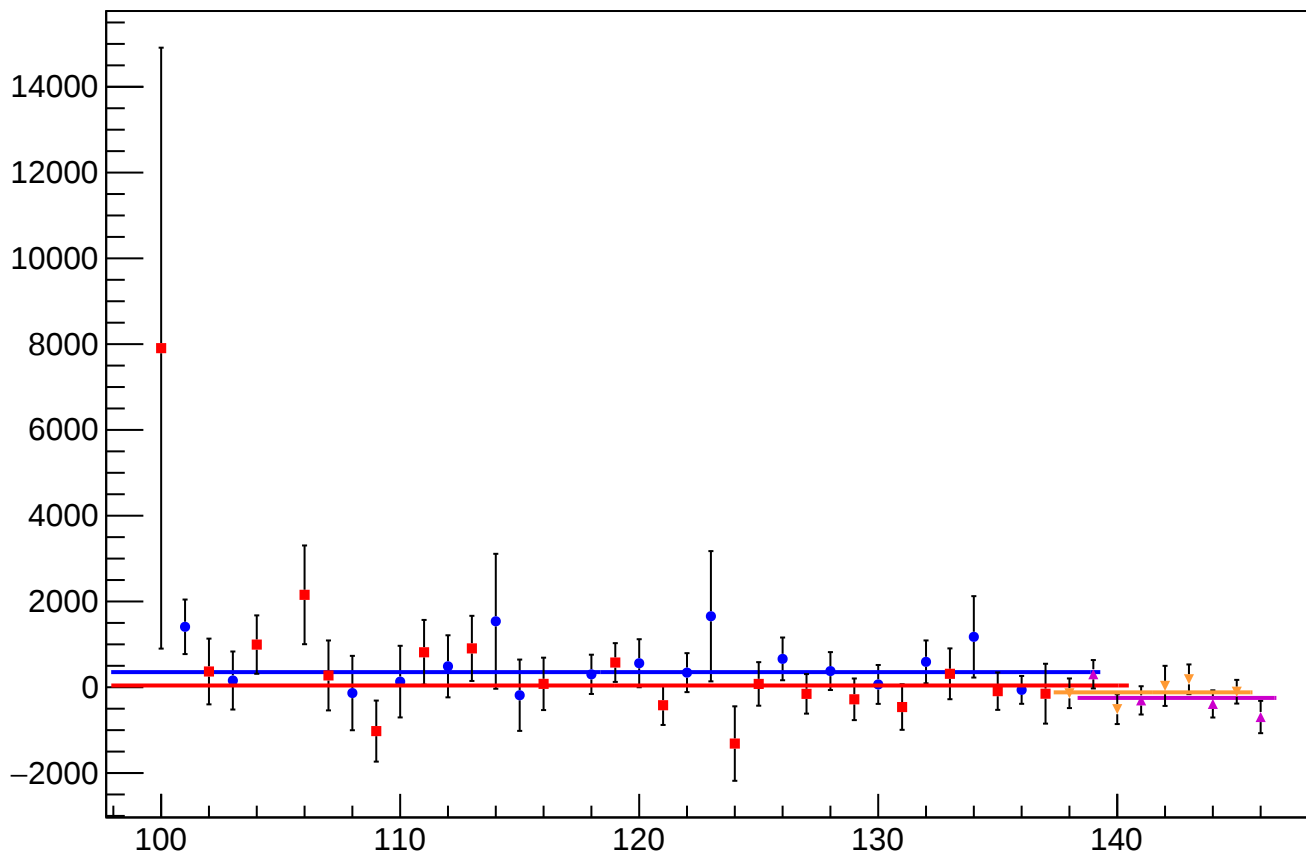
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 383.483 $\pm$ 0.092 χ^2 /NDF: 2511828.5/20

Out: 386.961 $\pm$ 0.090 χ^2 /NDF: 2578901.8/23

All: 385.258 $\pm$ 0.064 χ^2 /NDF: 5091463.2/44

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -119.121 ± 153.016 χ^2/NDF : 2.2/4

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -248.837 ± 168.279 χ^2/NDF : 4.4/3

Left: -177.830 ± 113.211 χ^2/NDF : 6.9/8

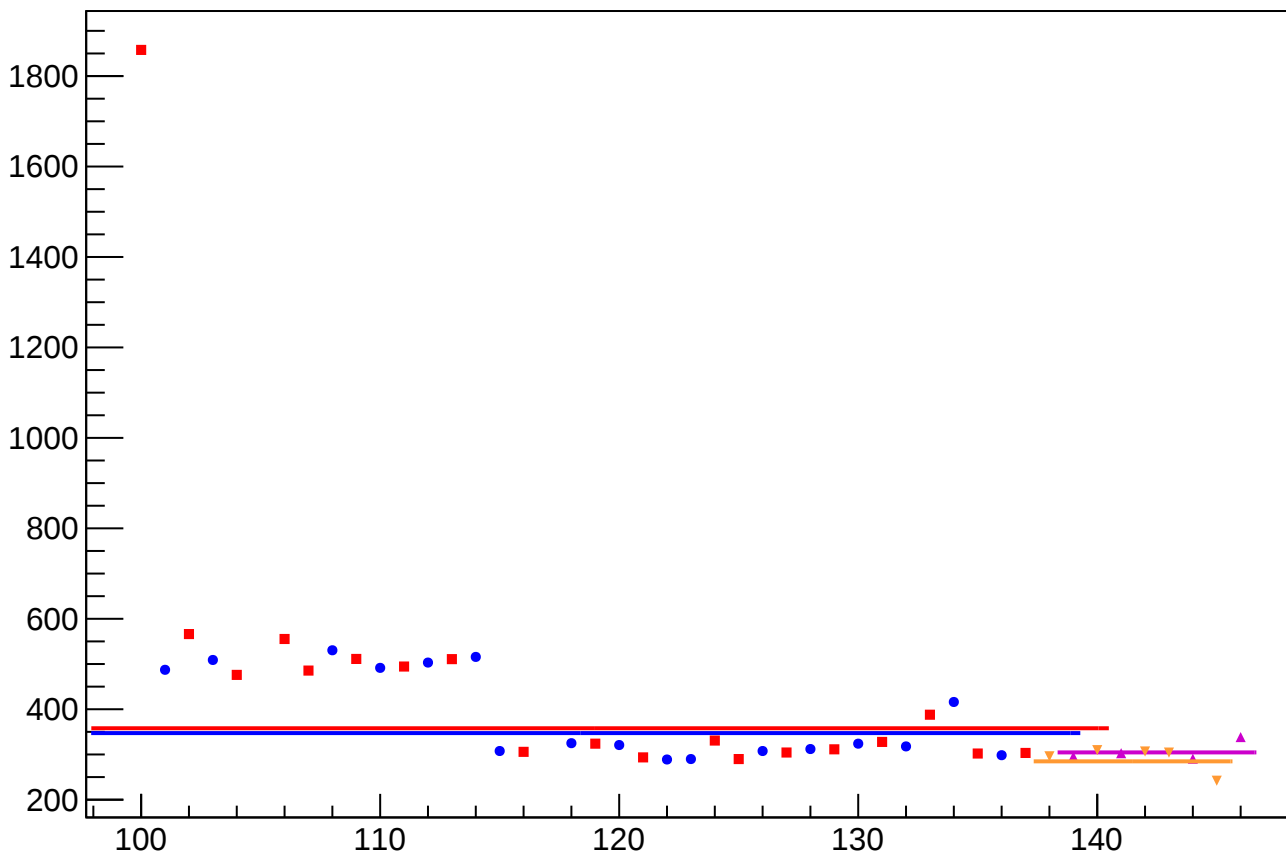
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 112.434 ± 106.382 χ^2/NDF : 20.6/20

Out: -31.347 ± 102.885 χ^2/NDF : 20.9/23

All: 38.142 ± 73.956 χ^2/NDF : 42.5/44

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: 304.562+/-0.119 χ^2/NDF : 21605.0/3

Left: 293.743+/-0.080 χ^2/NDF : 107657.0/8

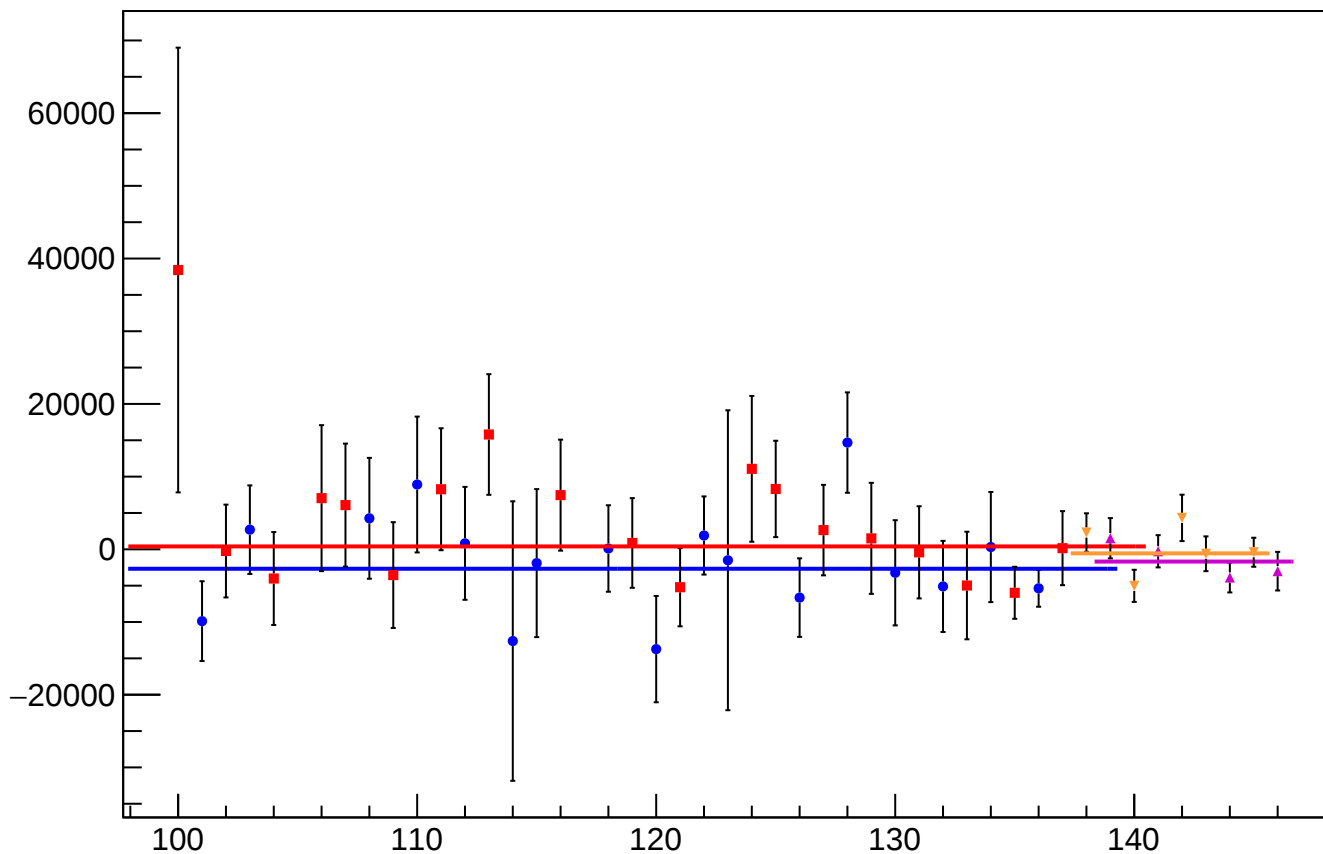
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 330.208+/-0.075 χ^2/NDF : 717884.4/20

Out: 324.880+/-0.073 χ^2/NDF : 1173085.6/23

All: 327.455+/-0.052 χ^2/NDF : 1893561.7/44

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: -1685.381+/-1185.081 χ^2/NDF : 3.1/3

Left: -1063.657+/-794.626 χ^2/NDF : 11.2/8

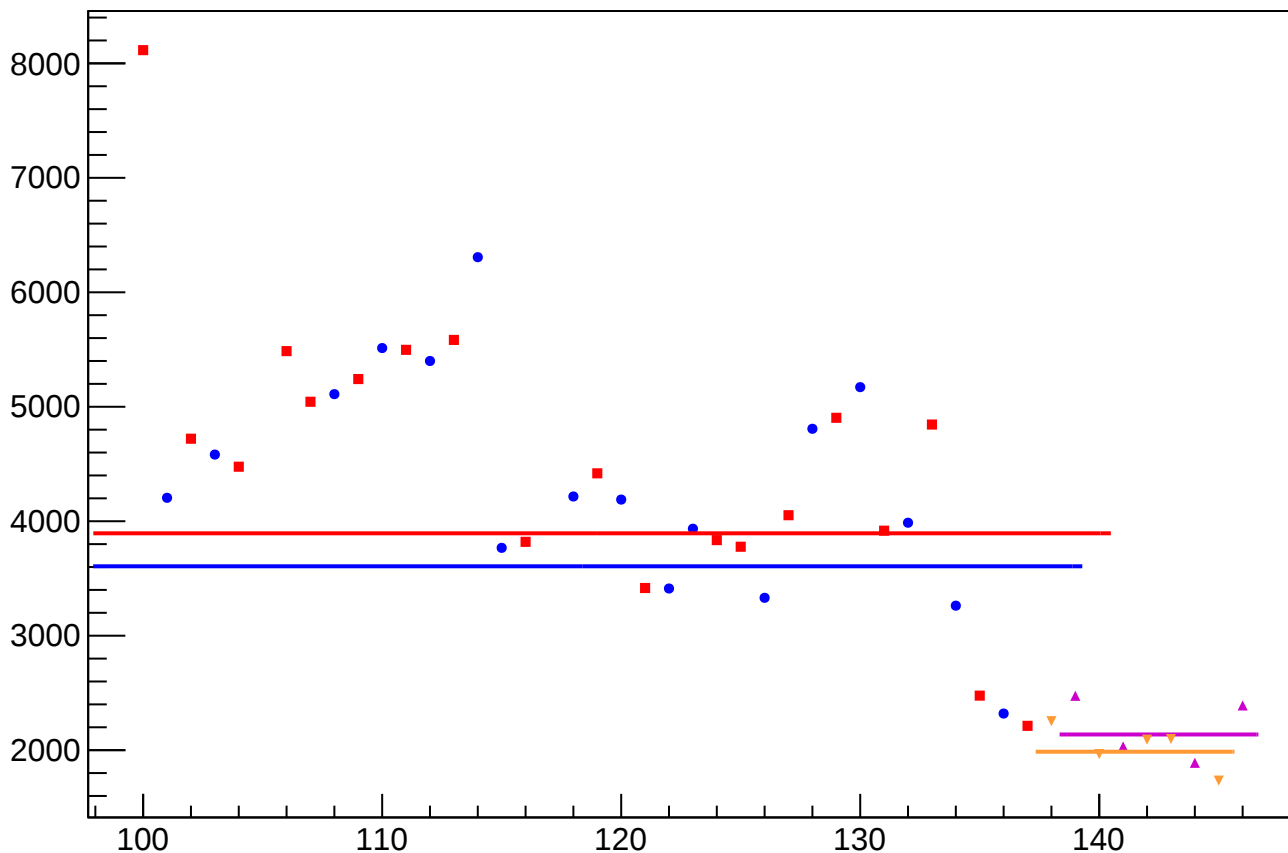
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -2079.284+/-919.162 χ^2/NDF : 20.2/20

Out: -238.055+/-874.773 χ^2/NDF : 23.8/23

All: -1113.138+/-633.670 χ^2/NDF : 46.0/44

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: 2137.142+/-0.838 χ^2/NDF : 81408.1/3

Left: 2054.265+/-0.562 χ^2/NDF : 158215.3/8

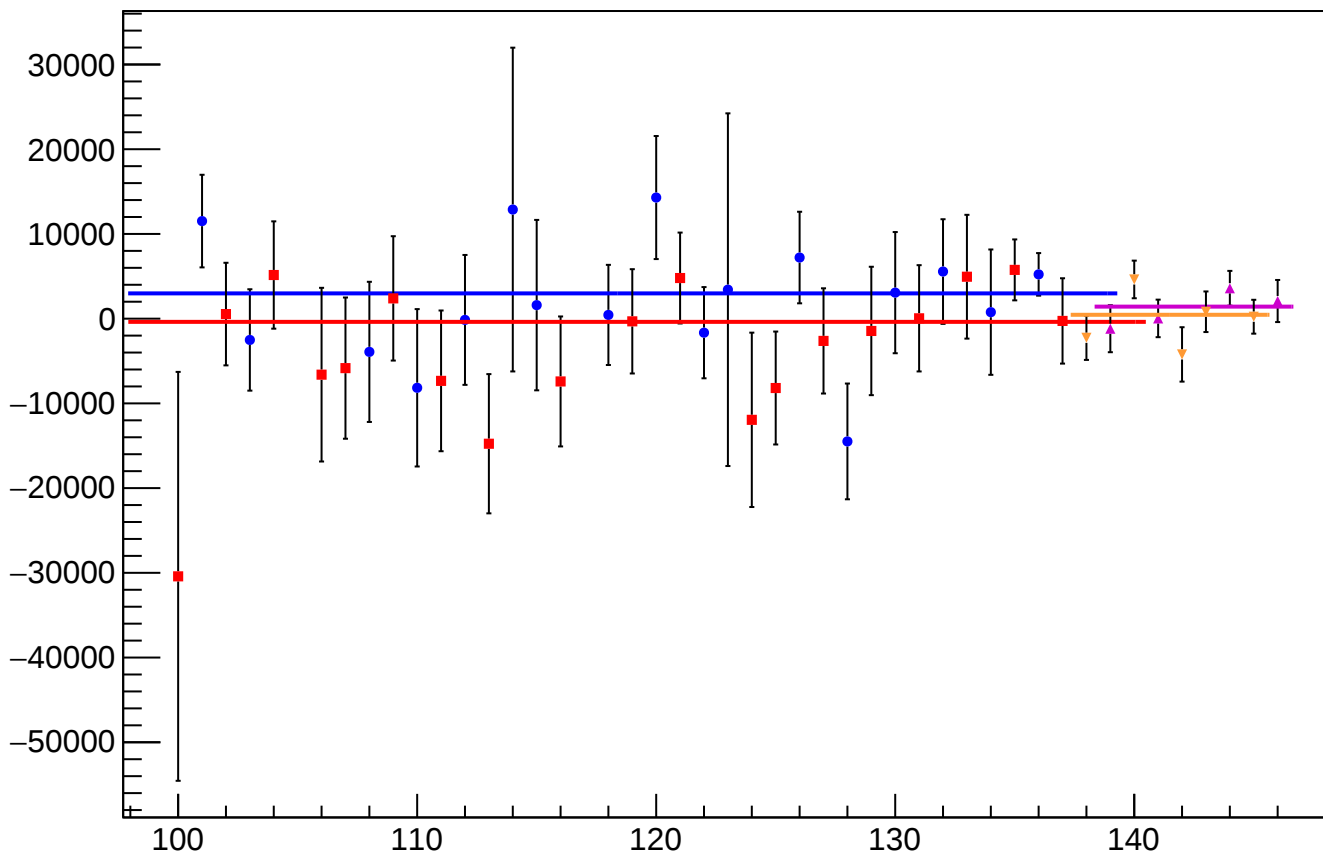
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2722.519+/-0.650 χ^2/NDF : 2398696.6/20

Out: 2621.891+/-0.619 χ^2/NDF : 3205097.9/23

All: 2669.716+/-0.448 χ^2/NDF : 5616372.8/44

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: 1420.943+/-1167.602 χ^2/NDF : 2.5/3

Left: 897.786+/-789.466 χ^2/NDF : 9.6/8

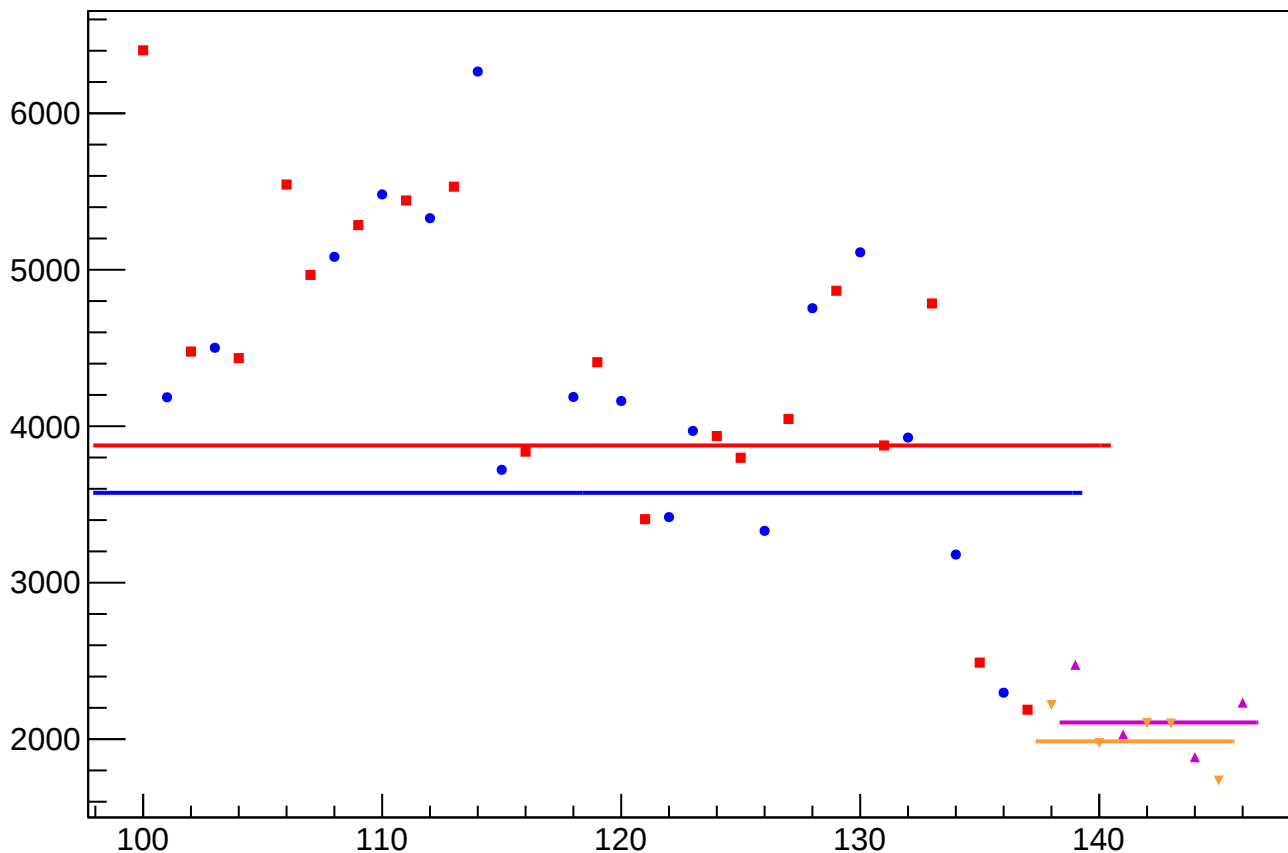
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 2038.915+/-907.836 χ^2/NDF : 20.6/20

Out: 177.039+/-873.353 χ^2/NDF : 22.0/23

All: 1071.946+/-629.391 χ^2/NDF : 44.8/44

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: 2106.595 $\pm$ 0.826 χ^2 /NDF: 66398.2/3

Left: 2041.104 $\pm$ 0.558 χ^2 /NDF: 132510.7/8

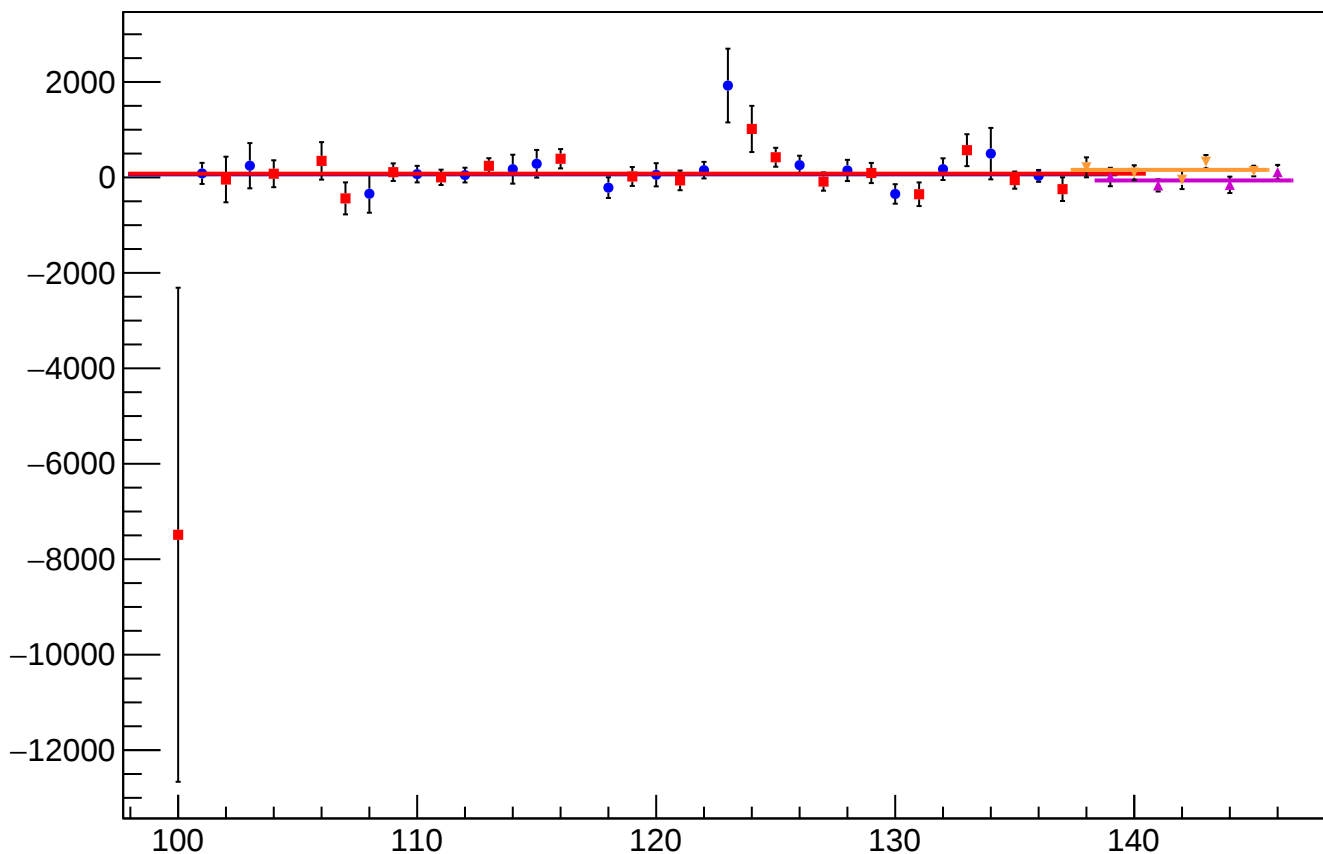
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2687.039 $\pm$ 0.642 χ^2 /NDF: 2407597.3/20

Out: 2620.778 $\pm$ 0.618 χ^2 /NDF: 3135948.9/23

All: 2652.626 $\pm$ 0.445 χ^2 /NDF: 5549079.7/44

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: -63.295+/-77.761 χ^2/NDF : 2.4/3

Left: 63.620+/-50.860 χ^2/NDF : 9.9/8

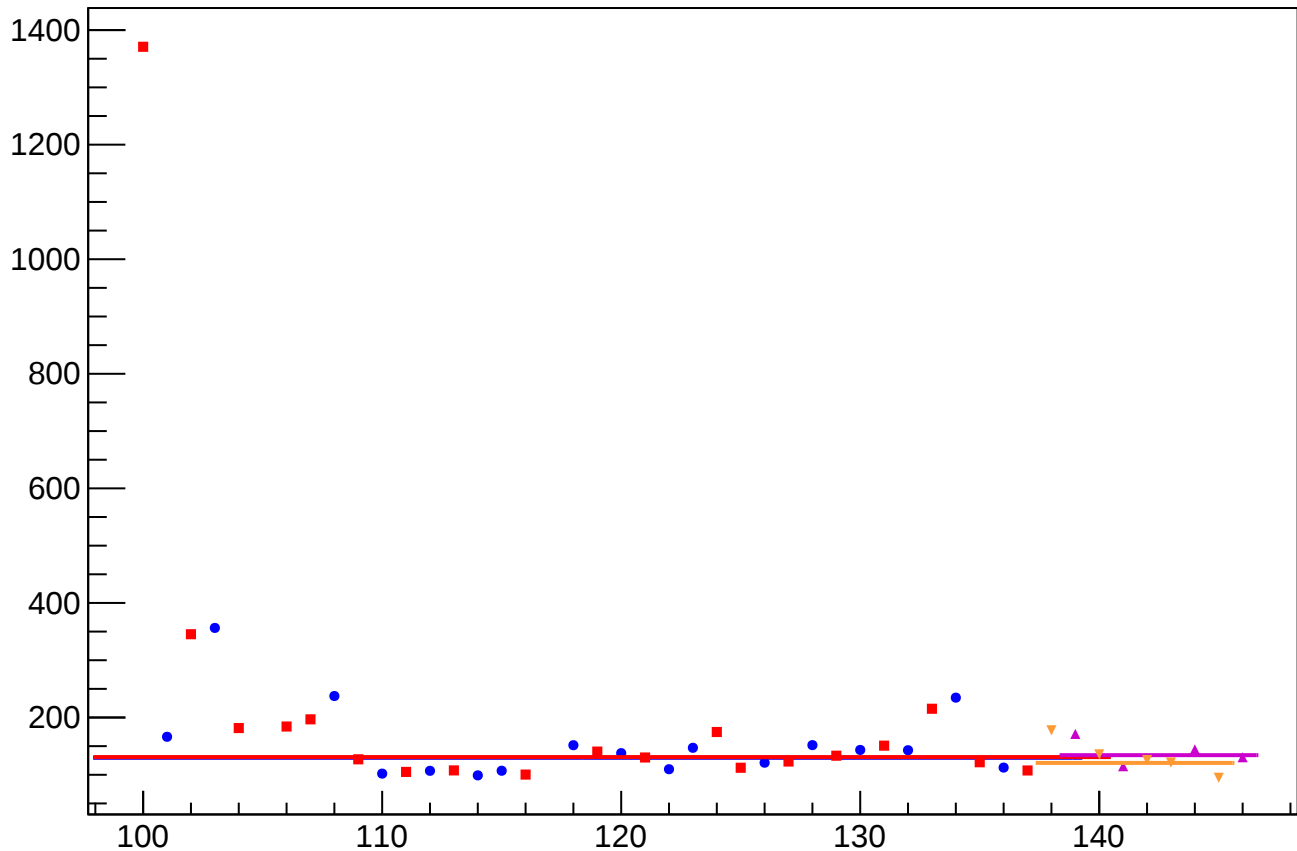
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 24.774+/-43.625 χ^2/NDF : 20.0/20

Out: 108.812+/-41.301 χ^2/NDF : 28.0/23

All: 69.091+/-29.992 χ^2/NDF : 50.0/44

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: 134.260 $\pm$ 0.055 χ^2 /NDF: 127722.6/3

Left: 126.515 $\pm$ 0.036 χ^2 /NDF: 438364.9/8

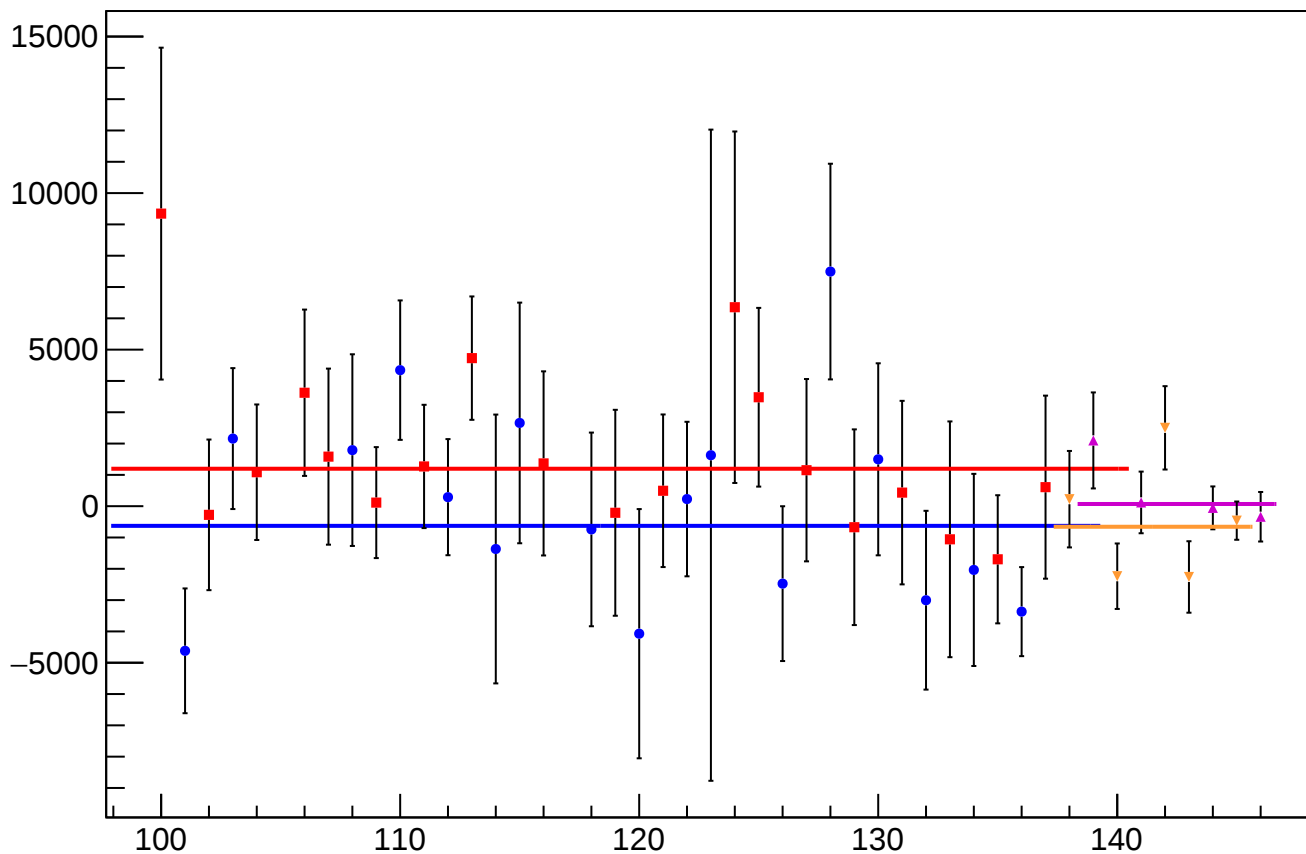
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 131.133 $\pm$ 0.031 χ^2 /NDF: 1122125.7/20

Out: 127.047 $\pm$ 0.029 χ^2 /NDF: 1346690.9/23

All: 128.978 $\pm$ 0.021 χ^2 /NDF: 2478069.9/44

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: 70.008+/-439.110 χ^2/NDF : 2.1/3

Left: -299.067+/-308.105 χ^2/NDF : 13.8/8

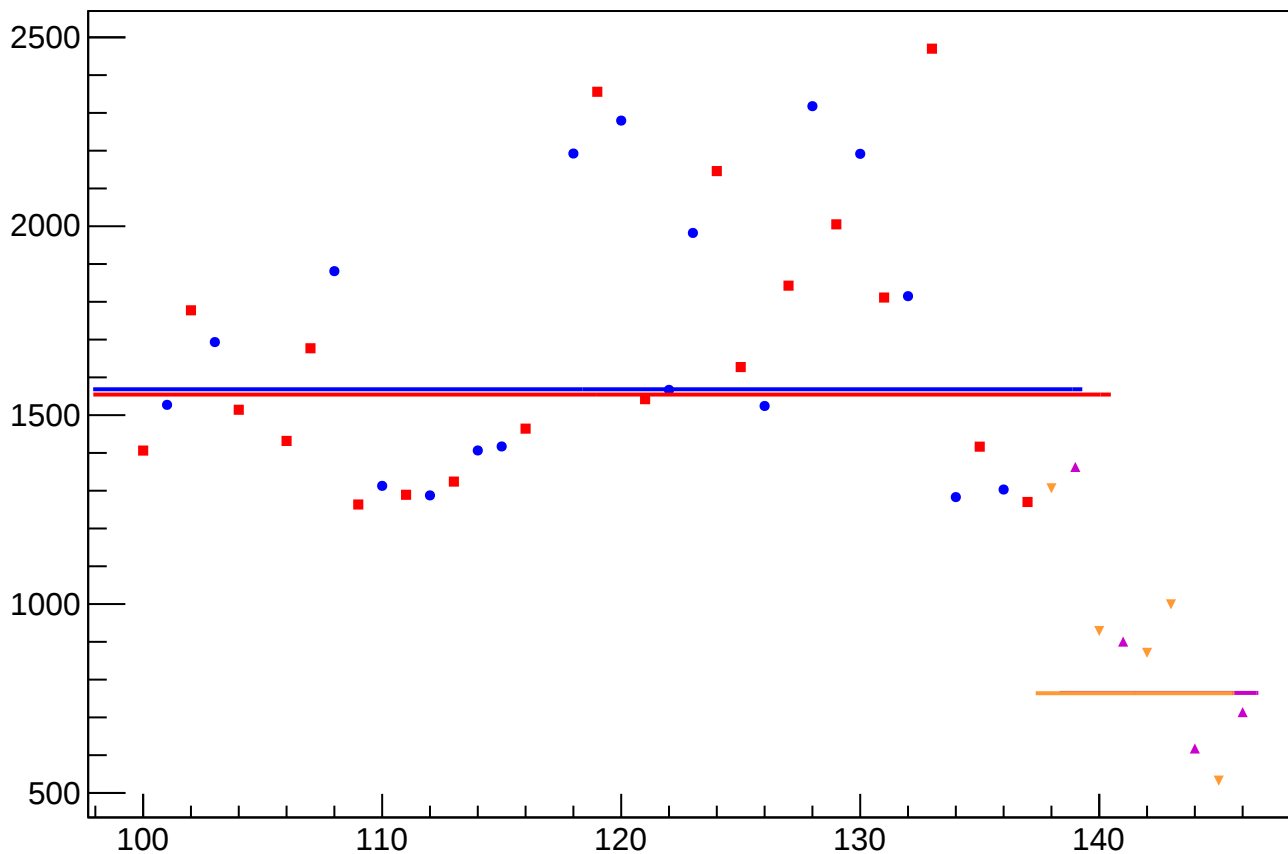
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -162.474+/-358.626 χ^2/NDF : 27.2/20

Out: -17.445+/-349.939 χ^2/NDF : 28.4/23

All: -88.182+/-250.459 χ^2/NDF : 55.7/44

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 763.986 $\pm$ 0.306 χ^2 /NDF:682286.7/4

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 764.751 $\pm$ 0.310 χ^2 /NDF:442905.3/3

Left: 764.362 $\pm$ 0.218 χ^2 /NDF: 1125195.1/8

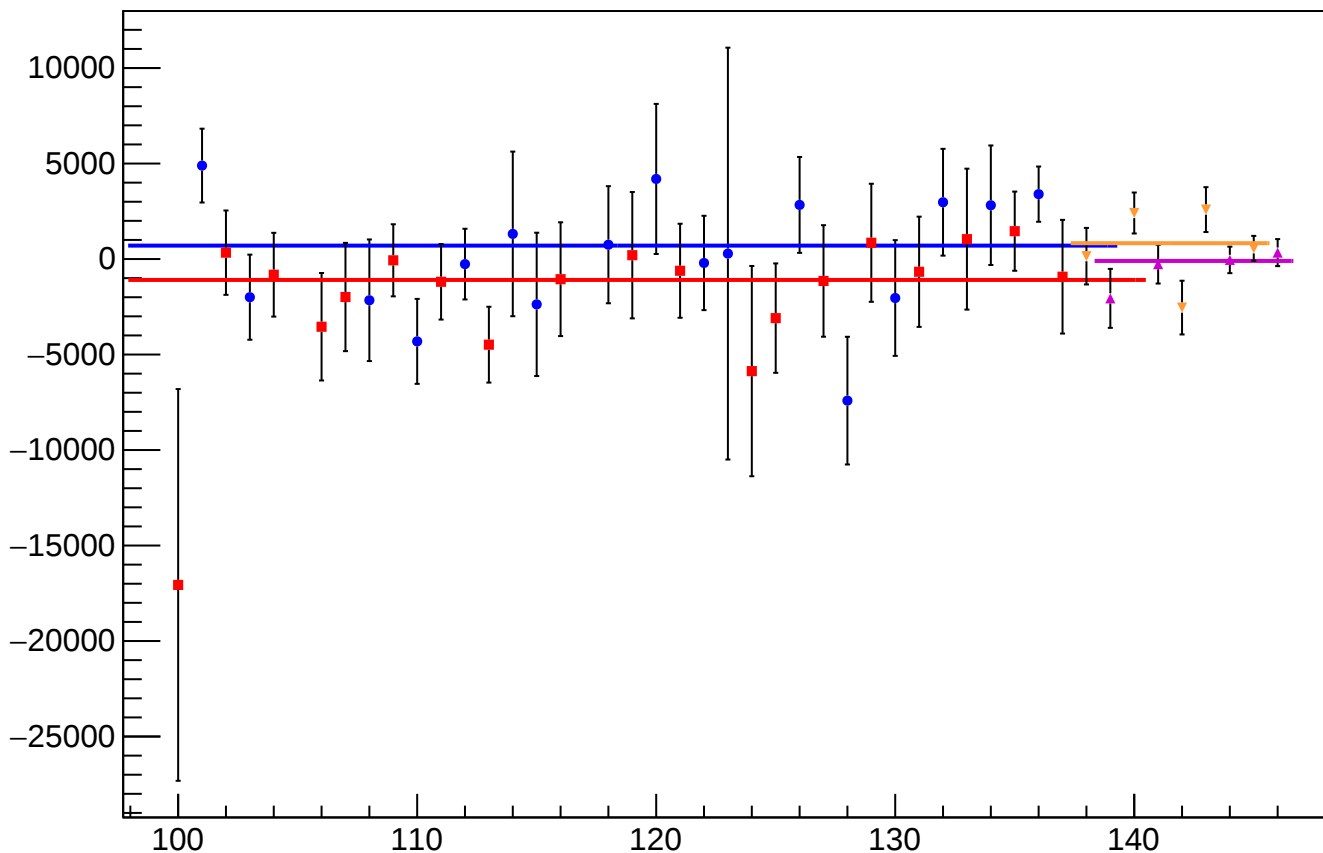
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1032.378 $\pm$ 0.254 χ^2 /NDF:3208228.6/20

Out: 1036.805 $\pm$ 0.247 χ^2 /NDF:3501166.5/23

All: 1034.646 $\pm$ 0.177 χ^2 /NDF: 6709551.3/44

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 830.216 $\pm$ 450.695 χ^2 /NDF:10.5/4

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -99.663 $\pm$ 427.637 χ^2 /NDF:2.0/3

Left: 340.883 $\pm$ 310.216 χ^2 /NDF: 14.8/8

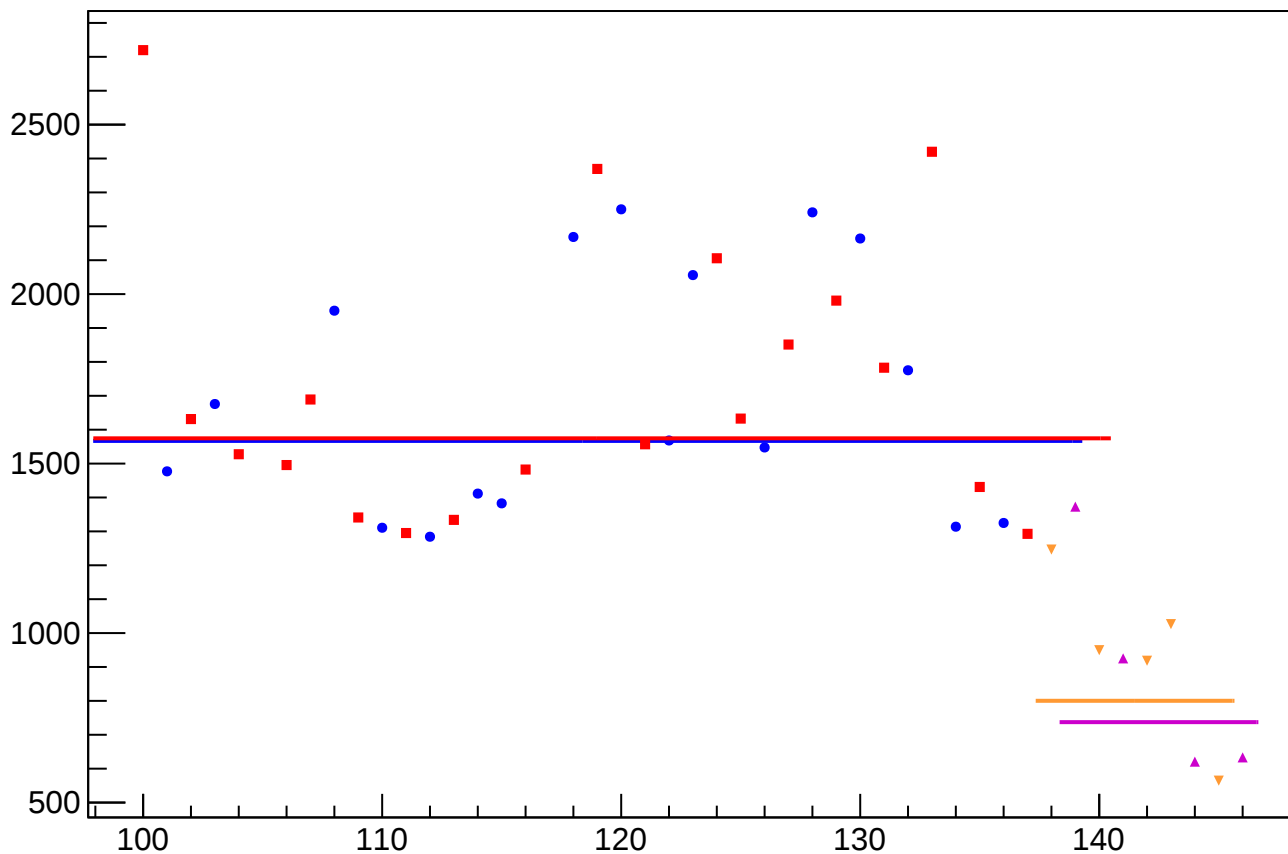
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 158.763 $\pm$ 352.136 χ^2 /NDF:29.1/20

Out: 140.898 $\pm$ 361.046 χ^2 /NDF:27.7/23

All: 150.054 $\pm$ 252.089 χ^2 /NDF: 56.8/44

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: 737.241 $\pm$ 0.302 χ^2 /NDF: 507643.3/3

Left: 767.087 $\pm$ 0.219 χ^2 /NDF: 1099667.0/8

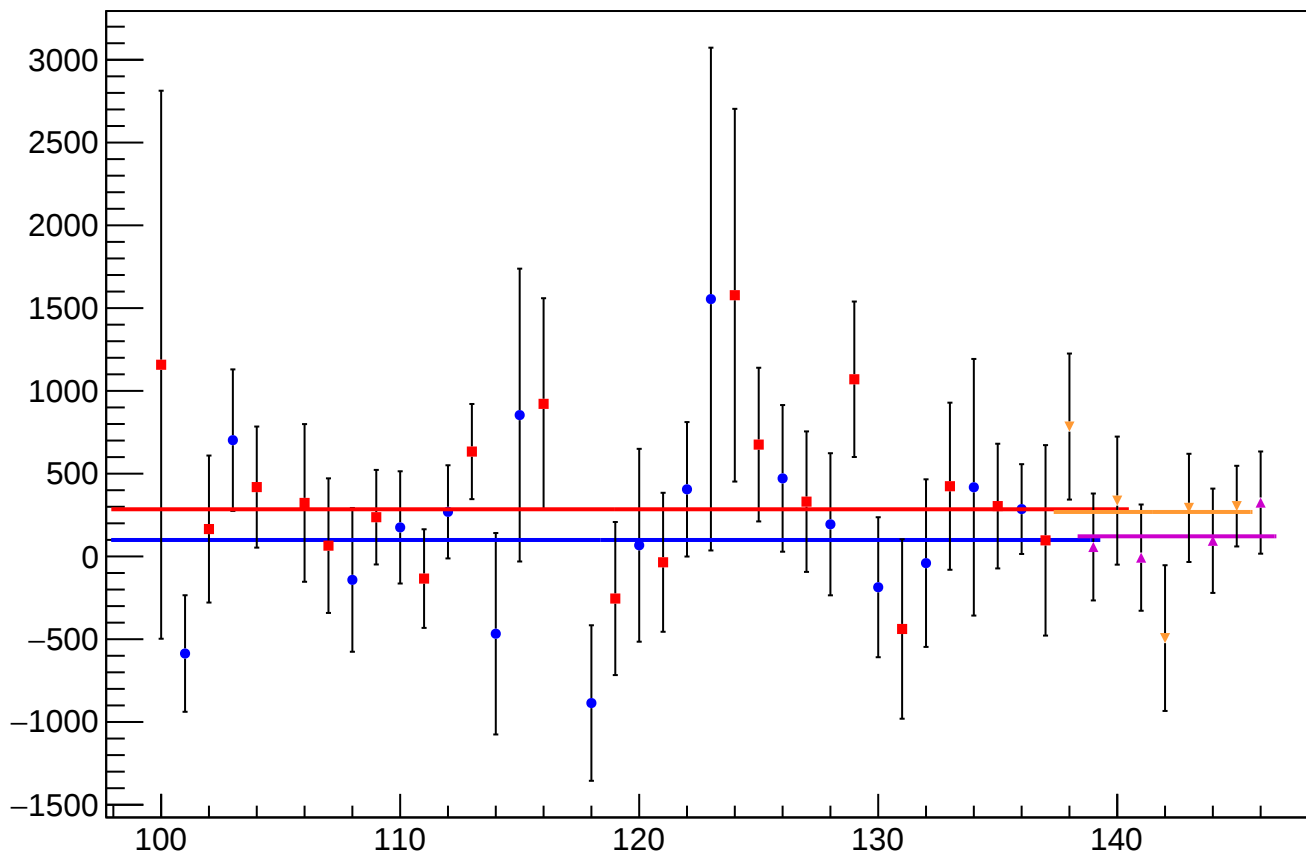
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1004.351 $\pm$ 0.249 χ^2 /NDF: 3431241.0/20

Out: 1077.633 $\pm$ 0.255 χ^2 /NDF: 3150528.7/23

All: 1040.077 $\pm$ 0.178 χ^2 /NDF: 6623996.5/44

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: 121.555 $\pm$ 158.369 χ^2 /NDF: 0.6/3

Left: 198.055 $\pm$ 109.716 χ^2 /NDF: 5.5/8

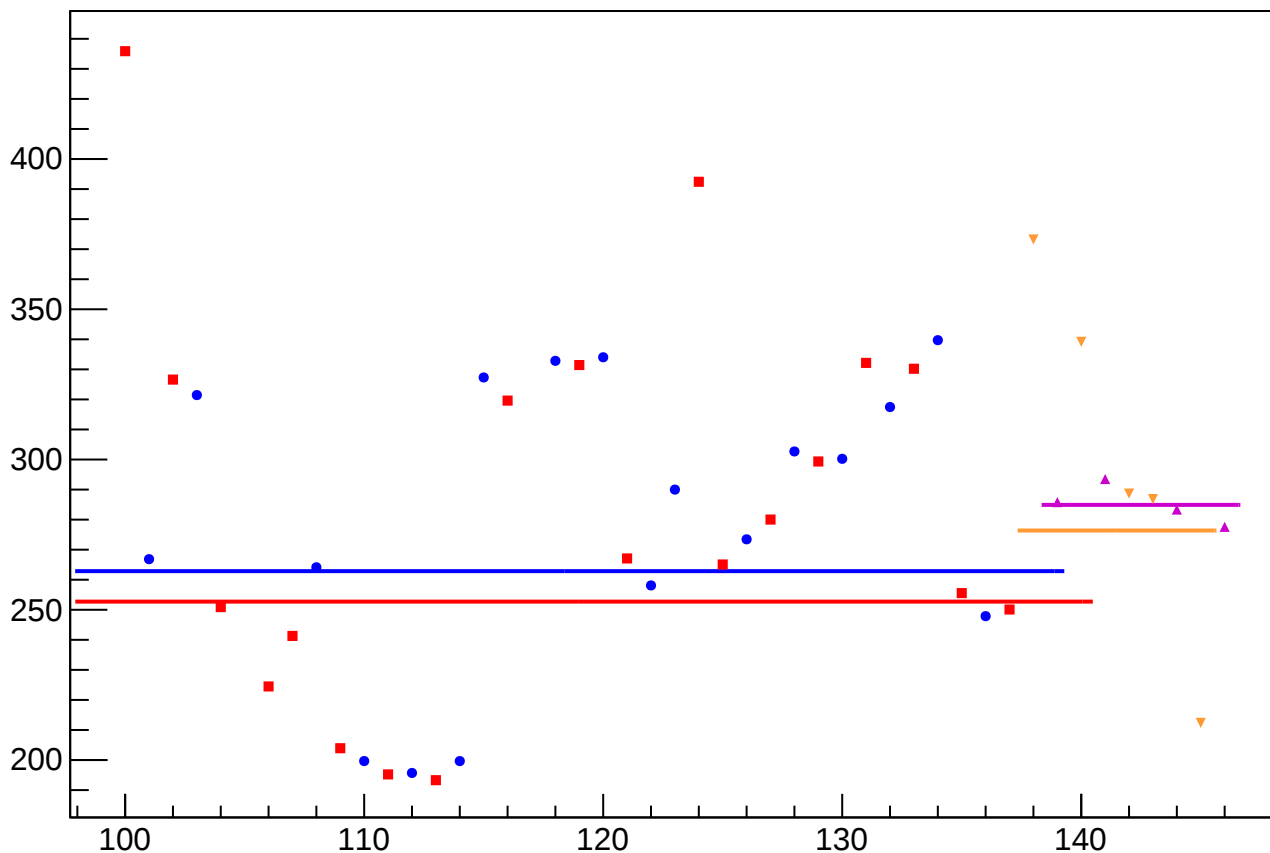
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 106.018 $\pm$ 86.617 χ^2 /NDF: 16.6/20

Out: 280.145 $\pm$ 82.215 χ^2 /NDF: 18.4/23

All: 197.619 $\pm$ 59.630 χ^2 /NDF: 37.1/44

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2/NDF : 411698.3/16

Left Out: 276.384 $\pm$ 0.108 χ^2/NDF :290823.3/4

Right Out: 252.720 $\pm$ 0.069 χ^2/NDF : 539727.3/18

Left In: 284.906 $\pm$ 0.112 χ^2/NDF :2622.5/3

Left: 280.474 $\pm$ 0.078 χ^2/NDF : 296457.4/8

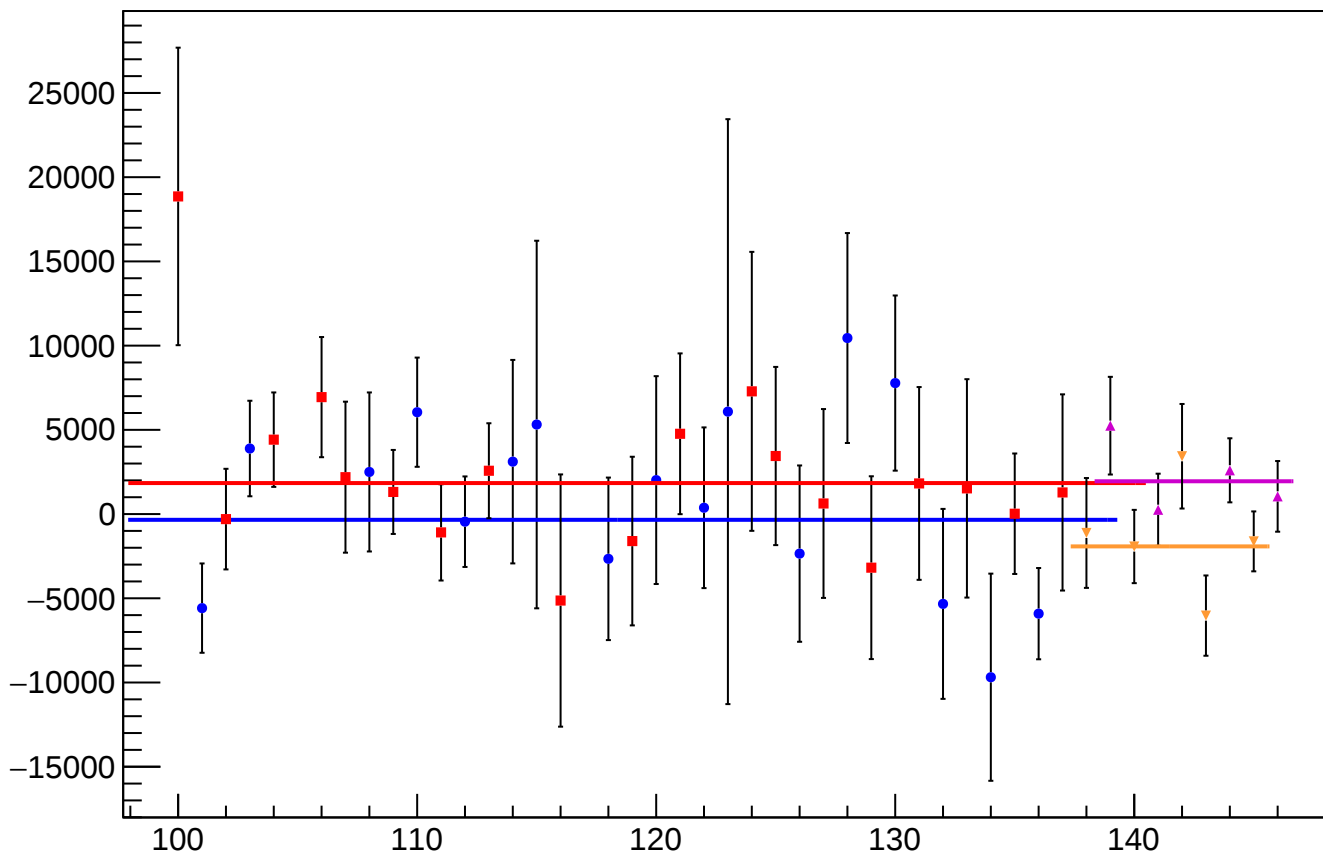
Right: 257.498 $\pm$ 0.050 χ^2/NDF : 961572.8/35

In: 269.452 $\pm$ 0.061 χ^2/NDF :441492.1/20

Out: 259.630 $\pm$ 0.058 χ^2/NDF :864805.9/23

All: 264.285 $\pm$ 0.042 χ^2/NDF : 1319827.0/44

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2 /NDF: 24.4/16

Left Out: -1919.474 $\pm$ 1053.350 χ^2 /NDF: 6.0/4

Right Out: 1840.596 $\pm$ 924.746 χ^2 /NDF: 11.7/18

Left In: 1946.843 $\pm$ 1090.677 χ^2 /NDF: 2.2/3

Left: -53.606 $\pm$ 757.684 χ^2 /NDF: 14.8/8

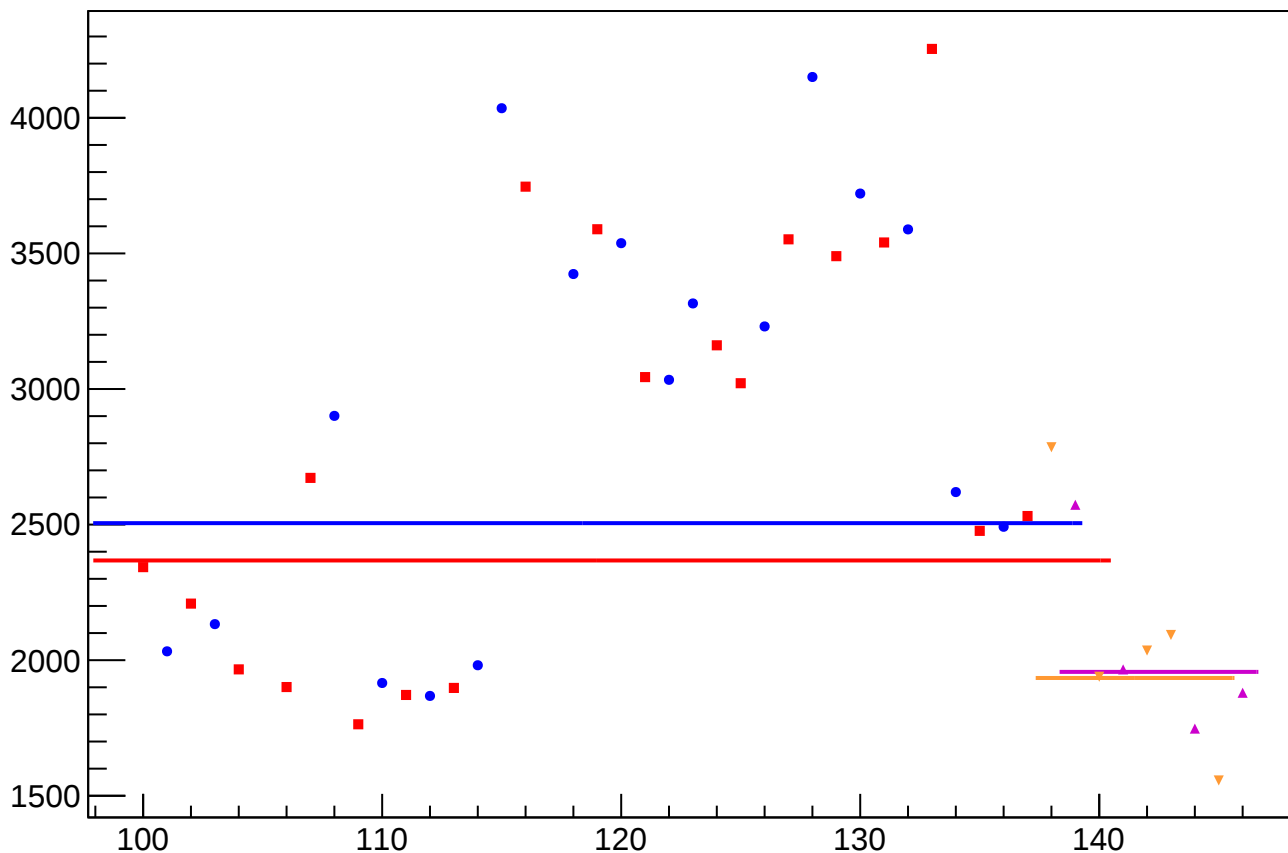
Right: 839.728 $\pm$ 680.387 χ^2 /NDF: 38.7/35

In: 708.840 $\pm$ 738.933 χ^2 /NDF: 29.0/20

Out: 203.990 $\pm$ 694.939 χ^2 /NDF: 24.9/23

All: 440.940 $\pm$ 506.235 χ^2 /NDF: 54.2/44

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: 1956.854+/-0.771 χ^2/NDF : 117249.1/3

Left: 1945.214+/-0.536 χ^2/NDF : 355108.6/8

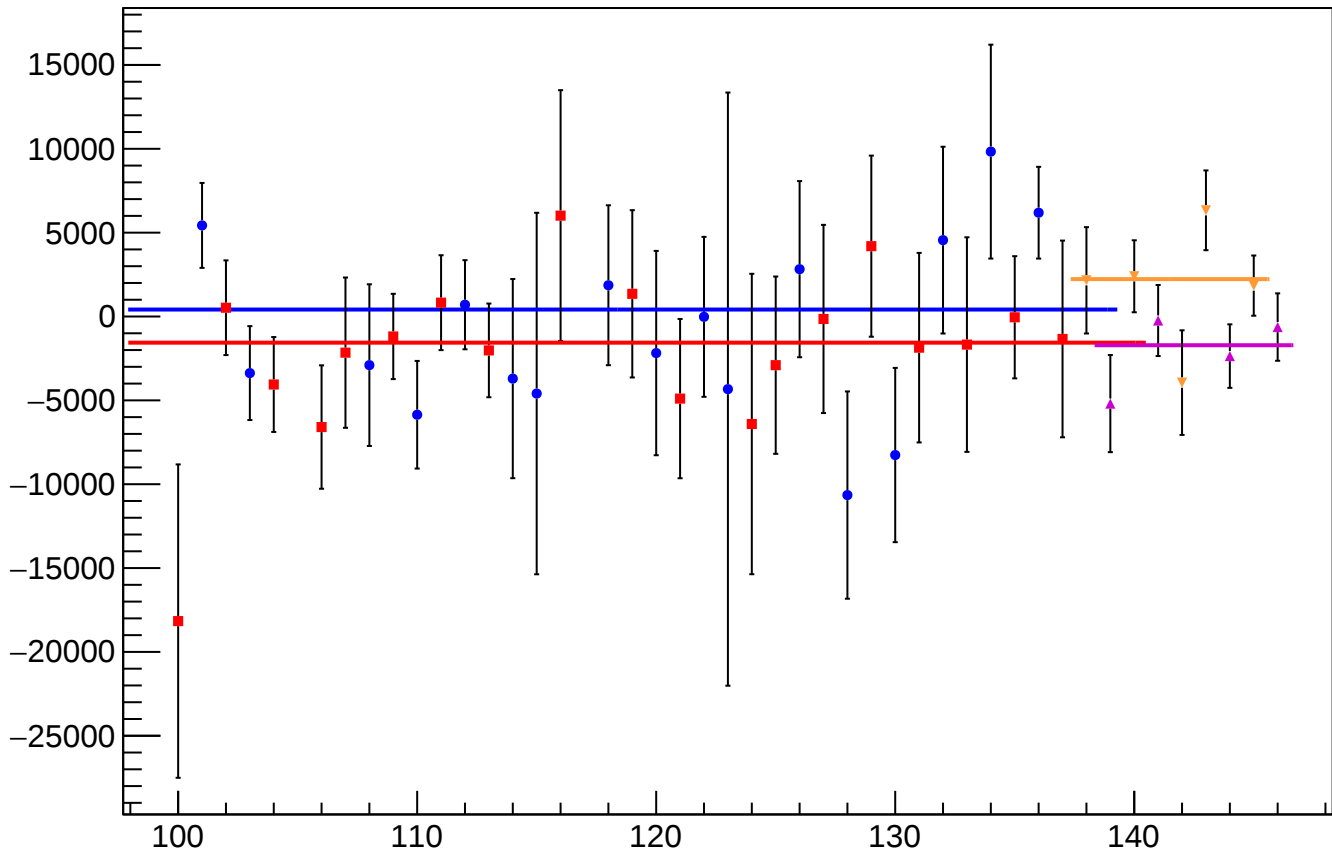
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2253.577+/-0.523 χ^2/NDF : 1255000.6/20

Out: 2179.100+/-0.491 χ^2/NDF : 1459501.6/23

All: 2214.056+/-0.358 χ^2/NDF : 2725283.5/44

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: -1712.406+/-1073.115 χ^2/NDF : 2.3/3

Left: 301.049+/-750.626 χ^2/NDF : 16.2/8

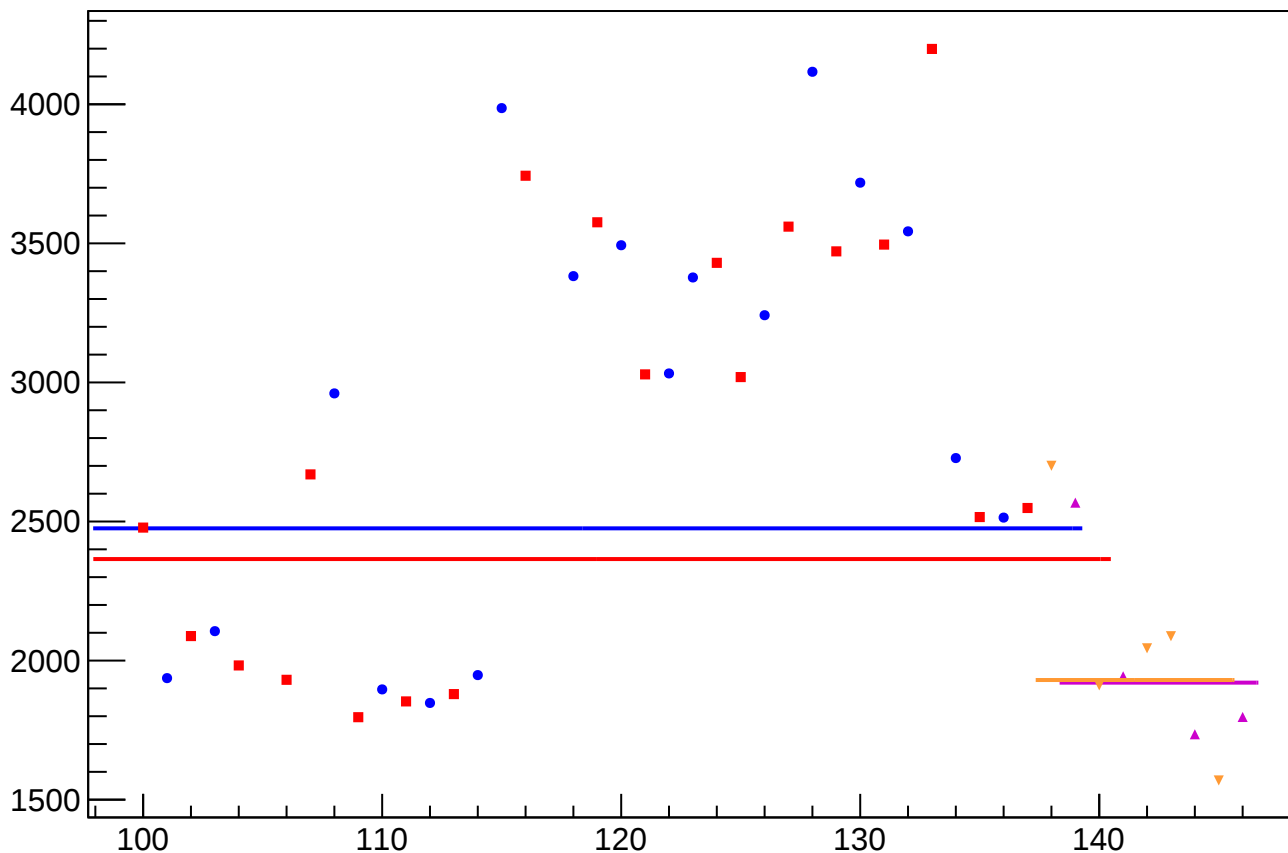
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -568.076+/-729.591 χ^2/NDF : 29.0/20

Out: 95.008+/-693.944 χ^2/NDF : 25.0/23

All: -219.940+/-502.822 χ^2/NDF : 54.4/44

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 +/- 0.704 χ^2/NDF : 913073.5/16

Left Out: 1930.140 +/- 0.743 χ^2/NDF : 210550.2/4

Right Out: 2365.025 +/- 0.654 χ^2/NDF : 1027171.5/18

Left In: 1920.742 +/- 0.759 χ^2/NDF : 126908.6/3

Left: 1925.542 +/- 0.531 χ^2/NDF : 337537.1/8

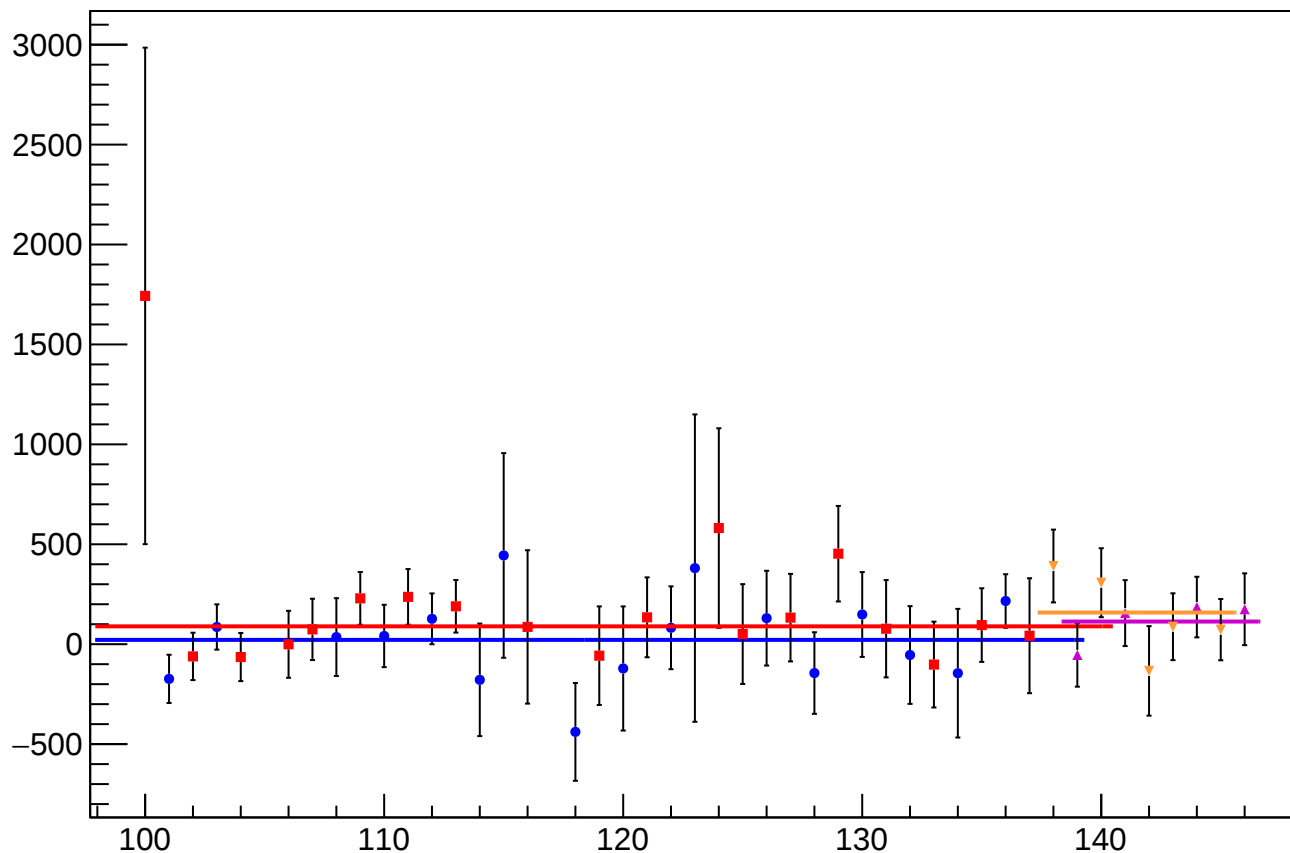
Right: 2416.181 +/- 0.479 χ^2/NDF : 1953463.4/35

In: 2219.034 +/- 0.516 χ^2/NDF : 1327345.3/20

Out: 2175.197 +/- 0.491 χ^2/NDF : 1430922.0/23

All: 2196.019 +/- 0.356 χ^2/NDF : 2762058.1/44

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: 113.355 $\pm$ 81.430 χ^2 /NDF:1.5/3

Left: 136.755 $\pm$ 56.542 χ^2 /NDF: 6.2/8

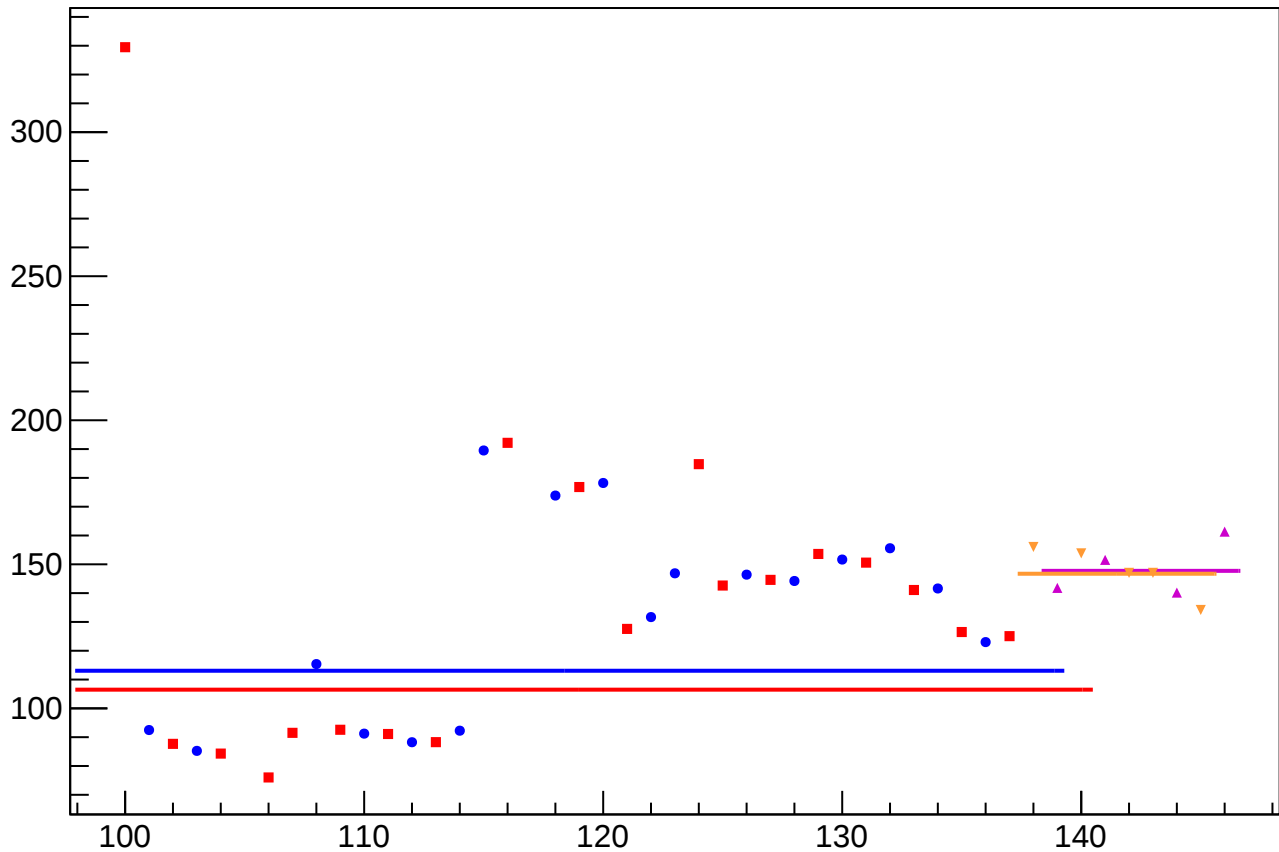
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 43.217 $\pm$ 39.491 χ^2 /NDF:15.1/20

Out: 104.586 $\pm$ 36.905 χ^2 /NDF:17.9/23

All: 75.977 $\pm$ 26.963 χ^2 /NDF: 34.2/44

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 146.727+/-0.056 χ^2/NDF :22027.3/4

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 147.731+/-0.058 χ^2/NDF :20273.0/3

Left: 147.211+/-0.040 χ^2/NDF : 42457.7/8

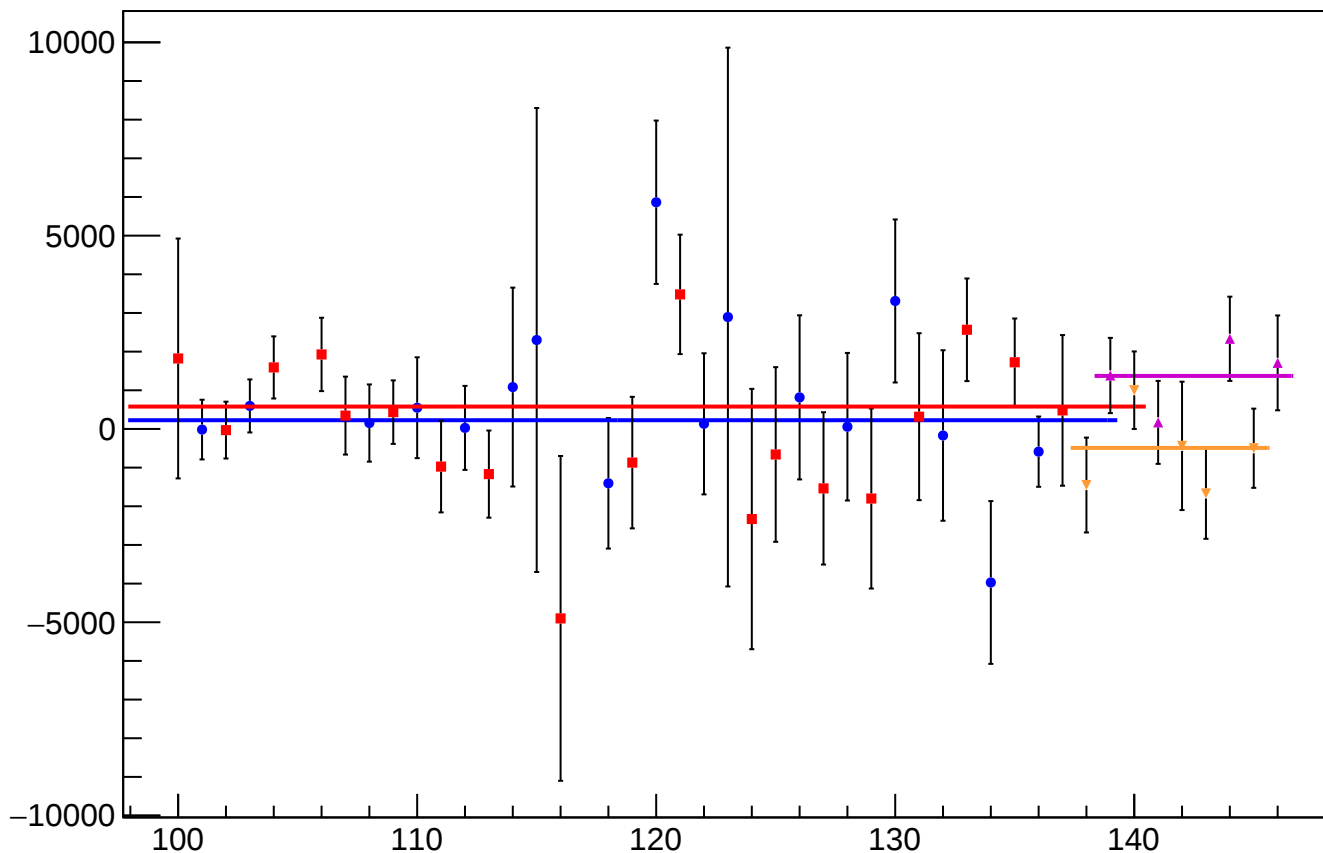
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 121.214+/-0.028 χ^2/NDF :1118390.7/20

Out: 115.369+/-0.026 χ^2/NDF :1446994.1/23

All: 118.094+/-0.019 χ^2/NDF : 2588767.5/44

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: 1372.002 $\pm$ 539.877 χ^2 /NDF:2.1/3

Left: 405.742 $\pm$ 374.451 χ^2 /NDF: 12.1/8

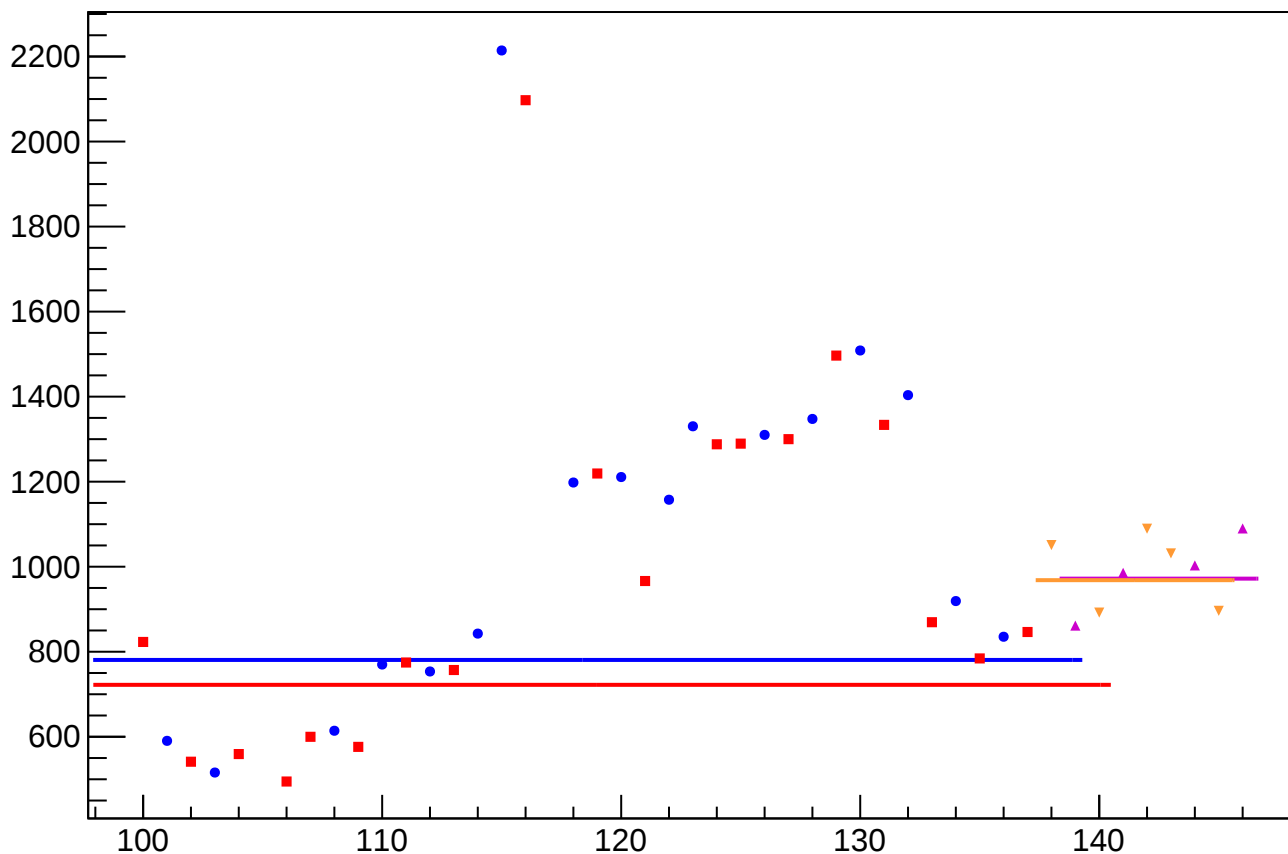
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 525.621 $\pm$ 276.174 χ^2 /NDF:21.4/20

Out: 326.284 $\pm$ 252.742 χ^2 /NDF:28.2/23

All: 417.139 $\pm$ 186.450 χ^2 /NDF: 49.9/44

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: 971.932 $\pm$ 0.382 χ^2 /NDF: 46227.0/3

Left: 970.058 $\pm$ 0.265 χ^2 /NDF: 93195.0/8

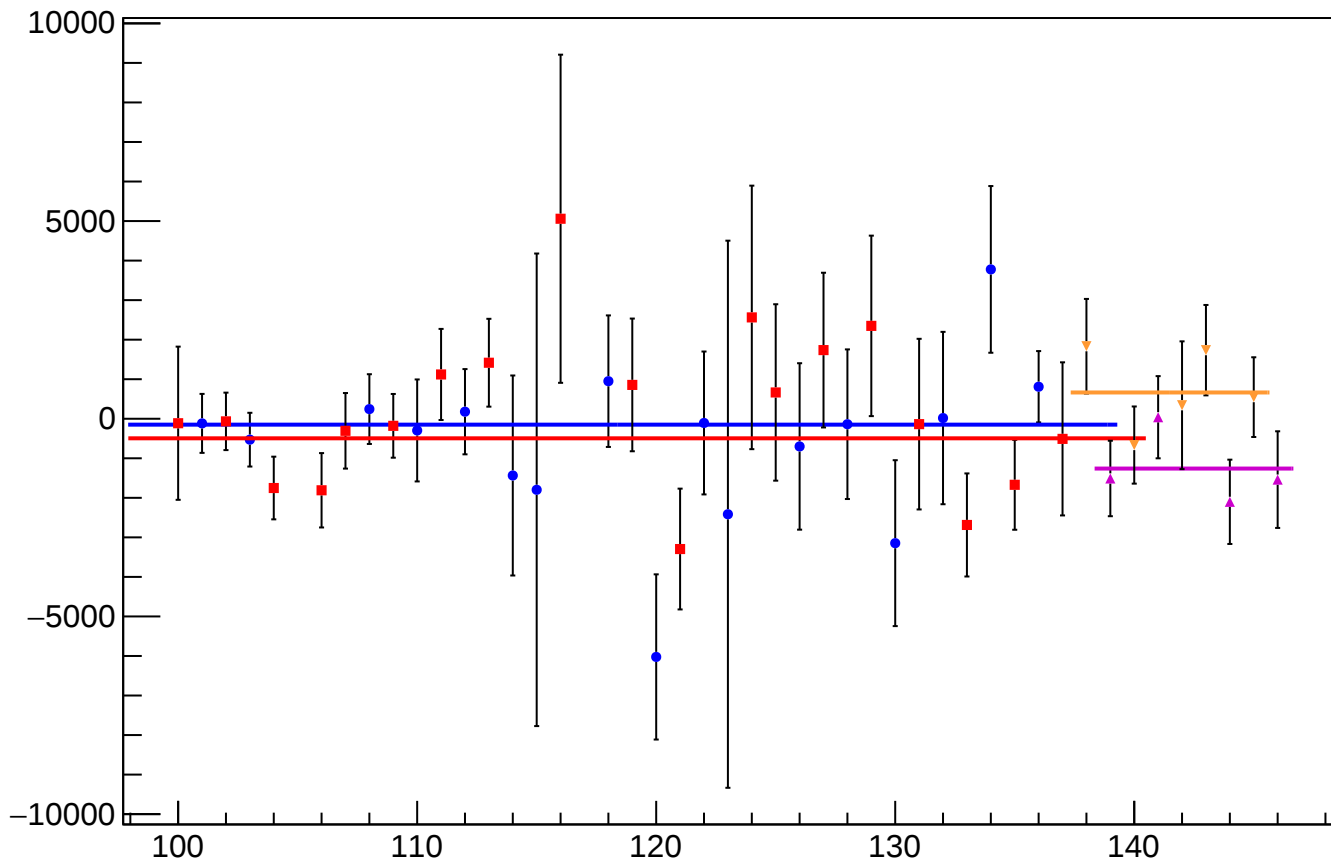
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 830.742 $\pm$ 0.195 χ^2 /NDF: 1841007.5/20

Out: 780.348 $\pm$ 0.179 χ^2 /NDF: 2018204.6/23

All: 803.317 $\pm$ 0.132 χ^2 /NDF: 3895453.3/44

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 664.569+/-507.573 χ^2/NDF : 3.7/4

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -1259.858+/-529.036 χ^2/NDF : 2.3/3

Left: -257.815+/-366.261 χ^2/NDF : 12.9/8

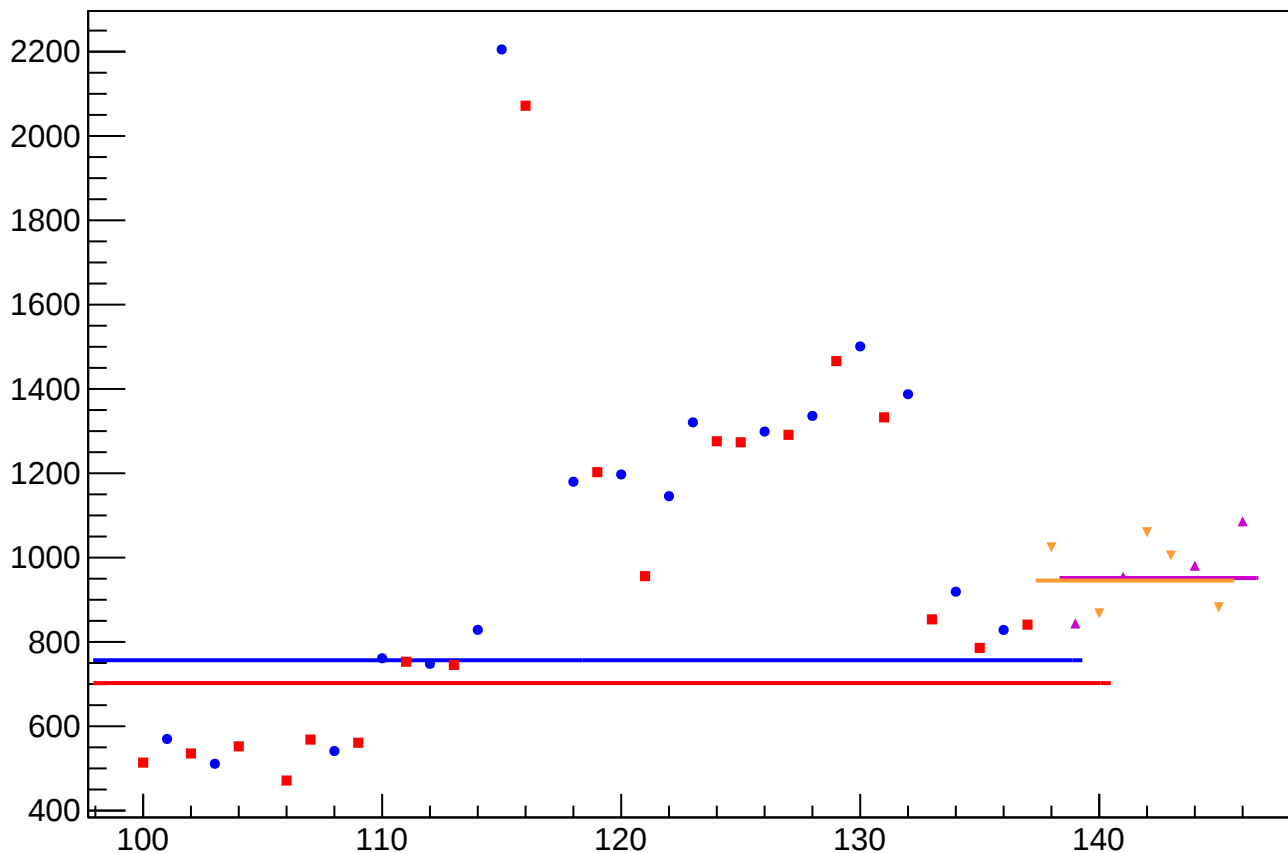
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -437.095+/-269.360 χ^2/NDF : 21.7/20

Out: -220.316+/-246.990 χ^2/NDF : 31.4/23

All: -319.332+/-182.044 χ^2/NDF : 53.4/44

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 945.610 $\pm$ 0.359 χ^2 /NDF: 44695.5/4

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 951.685 $\pm$ 0.374 χ^2 /NDF: 51216.1/3

Left: 948.522 $\pm$ 0.259 χ^2 /NDF: 96048.9/8

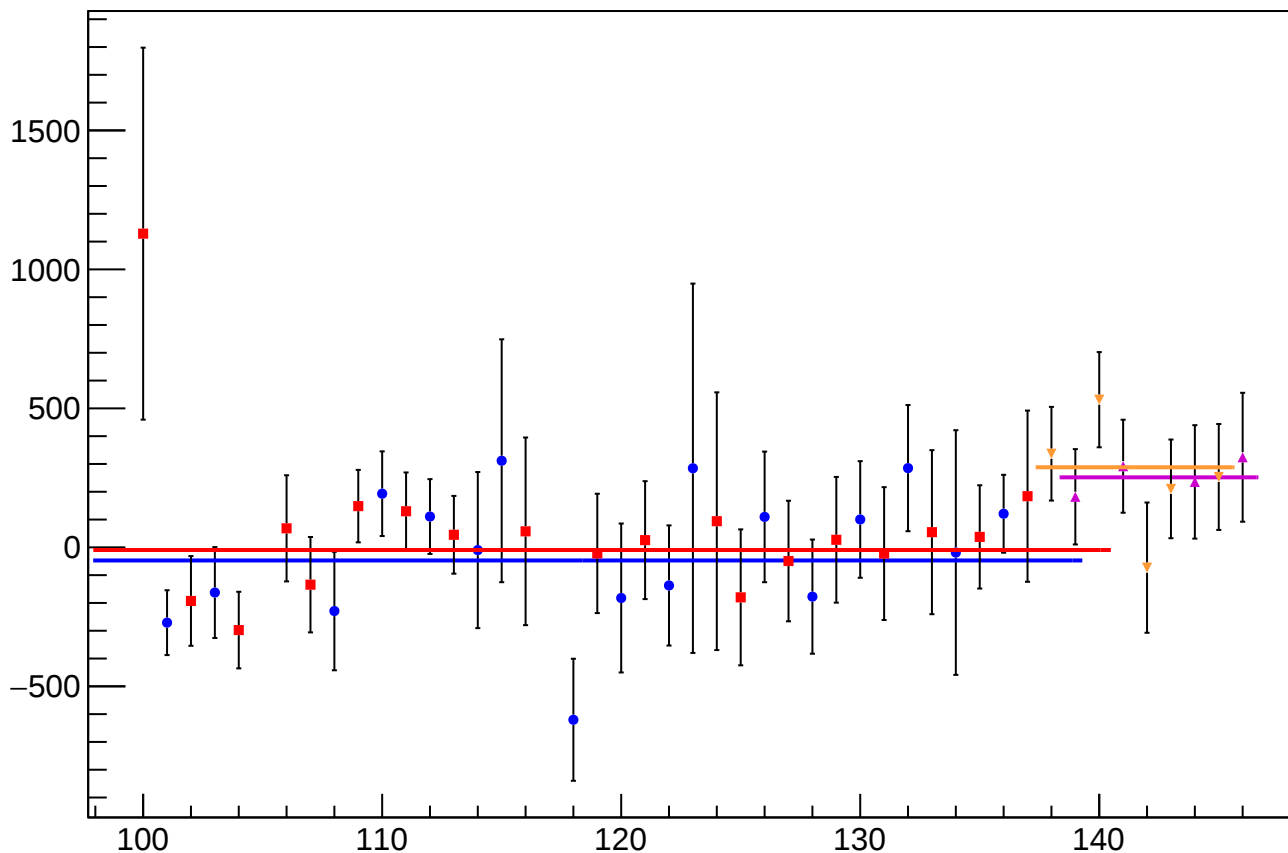
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 807.128 $\pm$ 0.190 χ^2 /NDF: 1966444.0/20

Out: 760.023 $\pm$ 0.175 χ^2 /NDF: 2084423.9/23

All: 781.539 $\pm$ 0.129 χ^2 /NDF: 4084094.1/44

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: 251.883 ± 94.356 $\chi^2/\text{NDF}: 0.3/3$

Left: 272.409 ± 62.123 $\chi^2/\text{NDF}: 5.1/8$

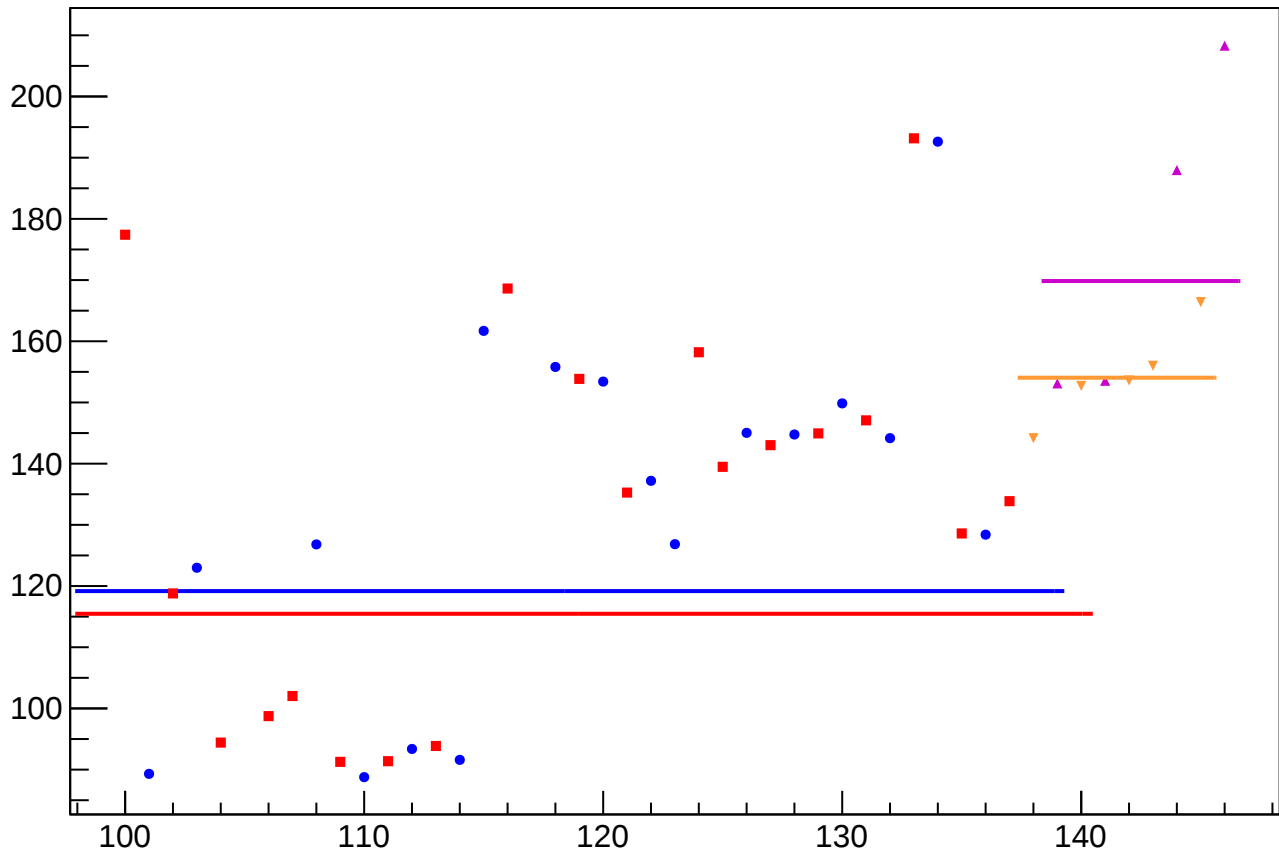
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 12.835 ± 42.262 $\chi^2/\text{NDF}: 30.2/20$

Out: 58.104 ± 39.339 $\chi^2/\text{NDF}: 27.8/23$

All: 37.089 ± 28.795 $\chi^2/\text{NDF}: 58.6/44$

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: 169.843 $\pm$ 0.067 χ^2 /NDF:108795.2/3

Left: 160.895 $\pm$ 0.044 χ^2 /NDF: 156207.0/8

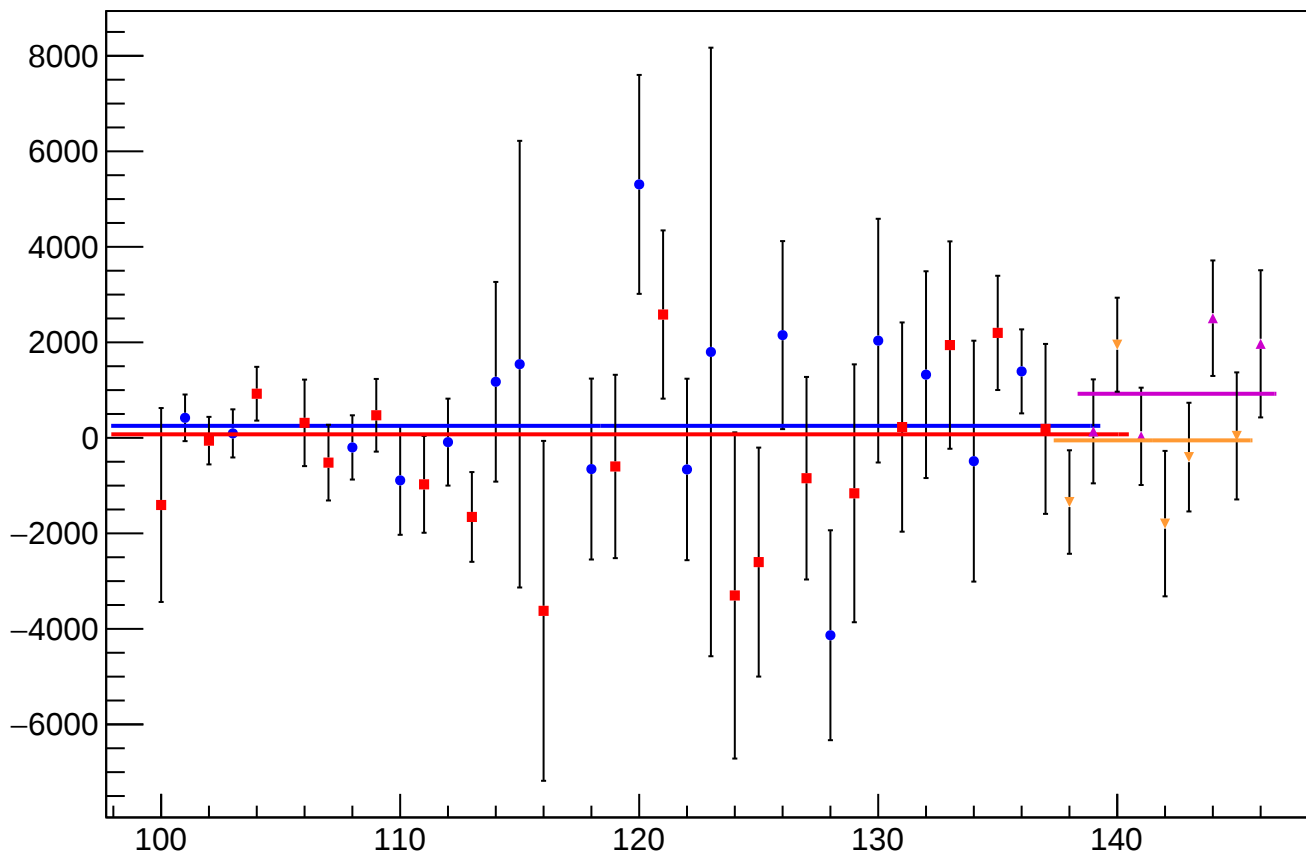
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 129.340 $\pm$ 0.030 χ^2 /NDF:1185115.1/20

Out: 124.231 $\pm$ 0.028 χ^2 /NDF:1046185.0/23

All: 126.602 $\pm$ 0.020 χ^2 /NDF: 2246962.3/44

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: 923.172+/-586.077 χ^2/NDF : 3.5/3

Left: 380.271+/-390.323 χ^2/NDF : 12.0/8

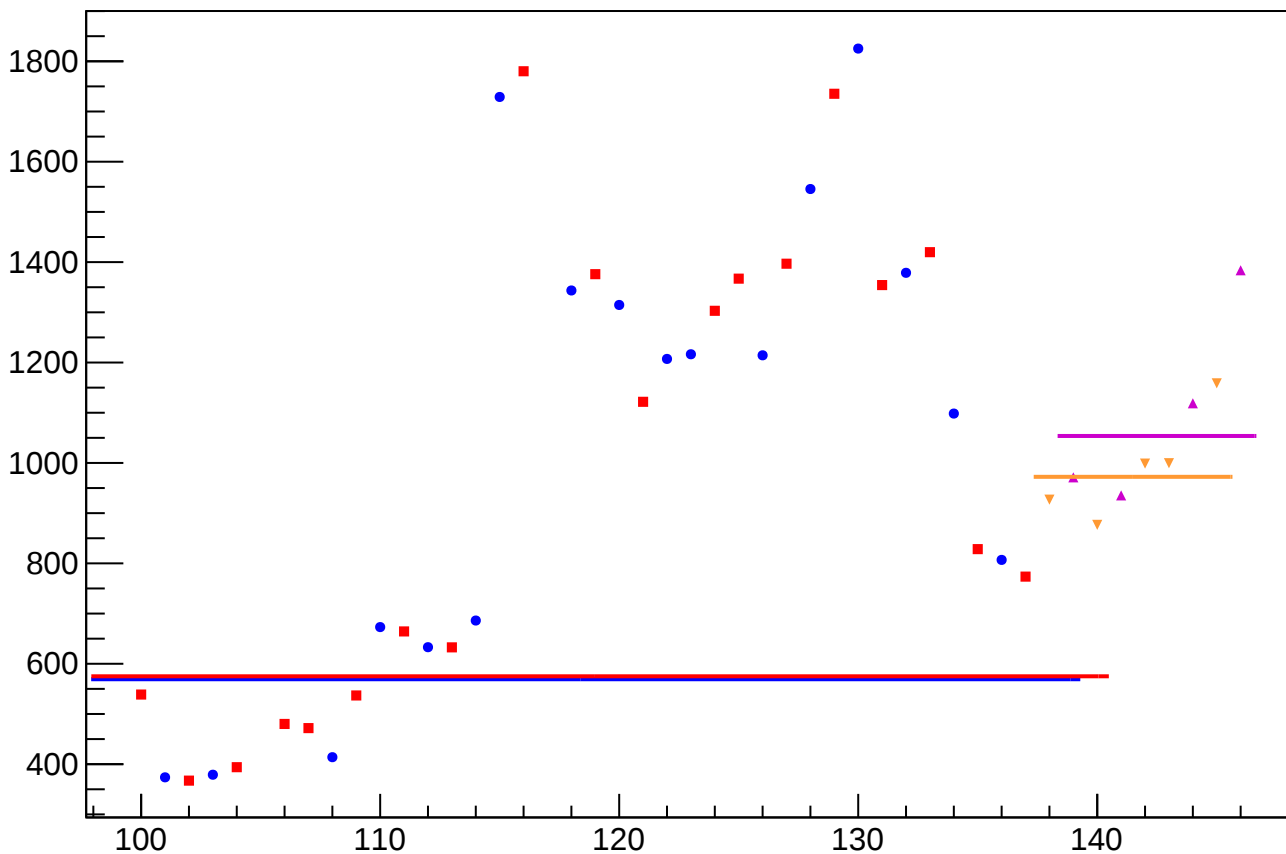
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 357.075+/-232.141 χ^2/NDF : 19.4/20

Out: 51.519+/-221.114 χ^2/NDF : 25.0/23

All: 196.867+/-160.108 χ^2/NDF : 45.4/44

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: 1053.729 $\pm$ 0.414 χ^2 /NDF: 135958.9/3

Left: 1008.453 $\pm$ 0.276 χ^2 /NDF: 220746.3/8

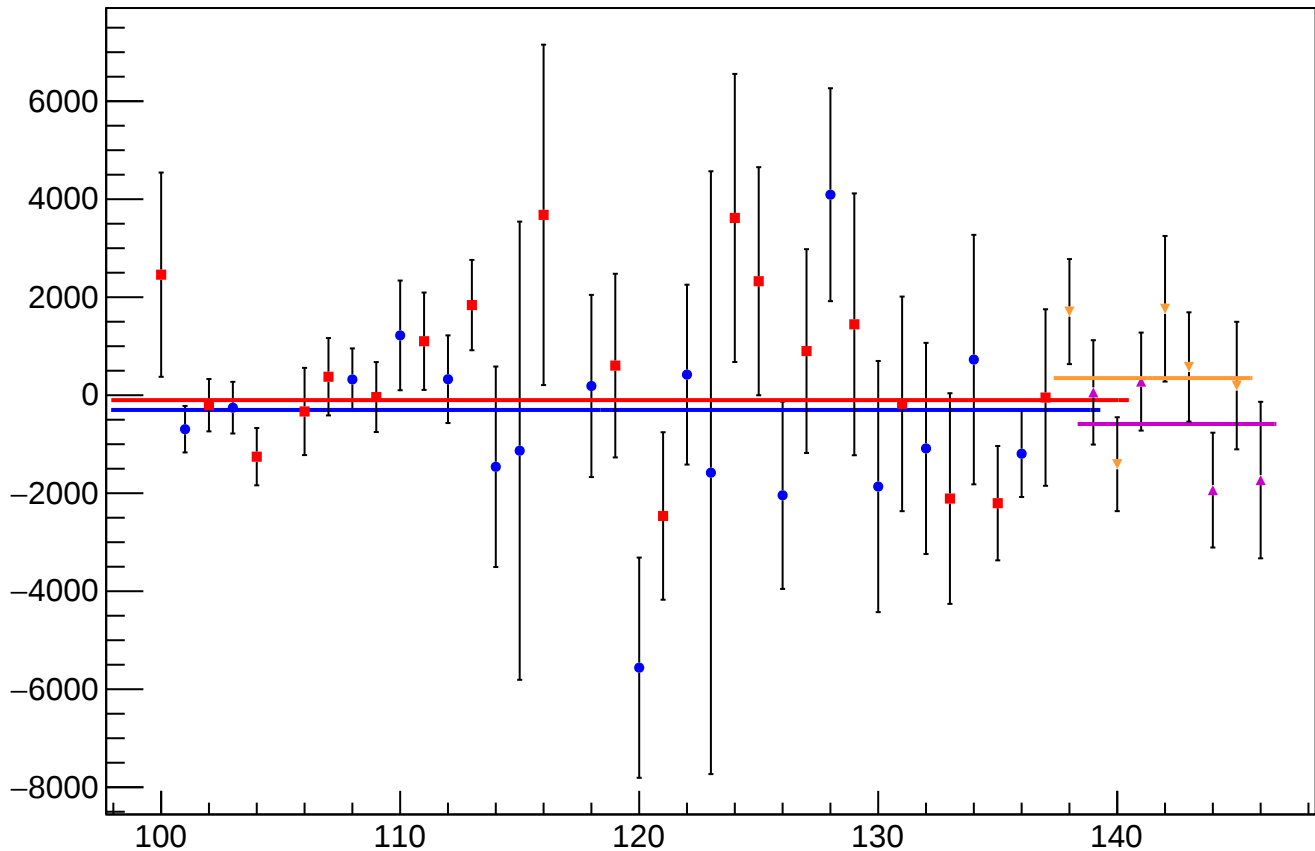
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 645.217 $\pm$ 0.164 χ^2 /NDF: 4555517.6/20

Out: 646.000 $\pm$ 0.156 χ^2 /NDF: 4069464.2/23

All: 645.628 $\pm$ 0.113 χ^2 /NDF: 8624993.7/44

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: 349.645 ± 512.500 χ^2/NDF : 5.9/4

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: -586.723 ± 577.170 χ^2/NDF : 3.0/3

Left: -63.162 ± 383.225 χ^2/NDF : 10.4/8

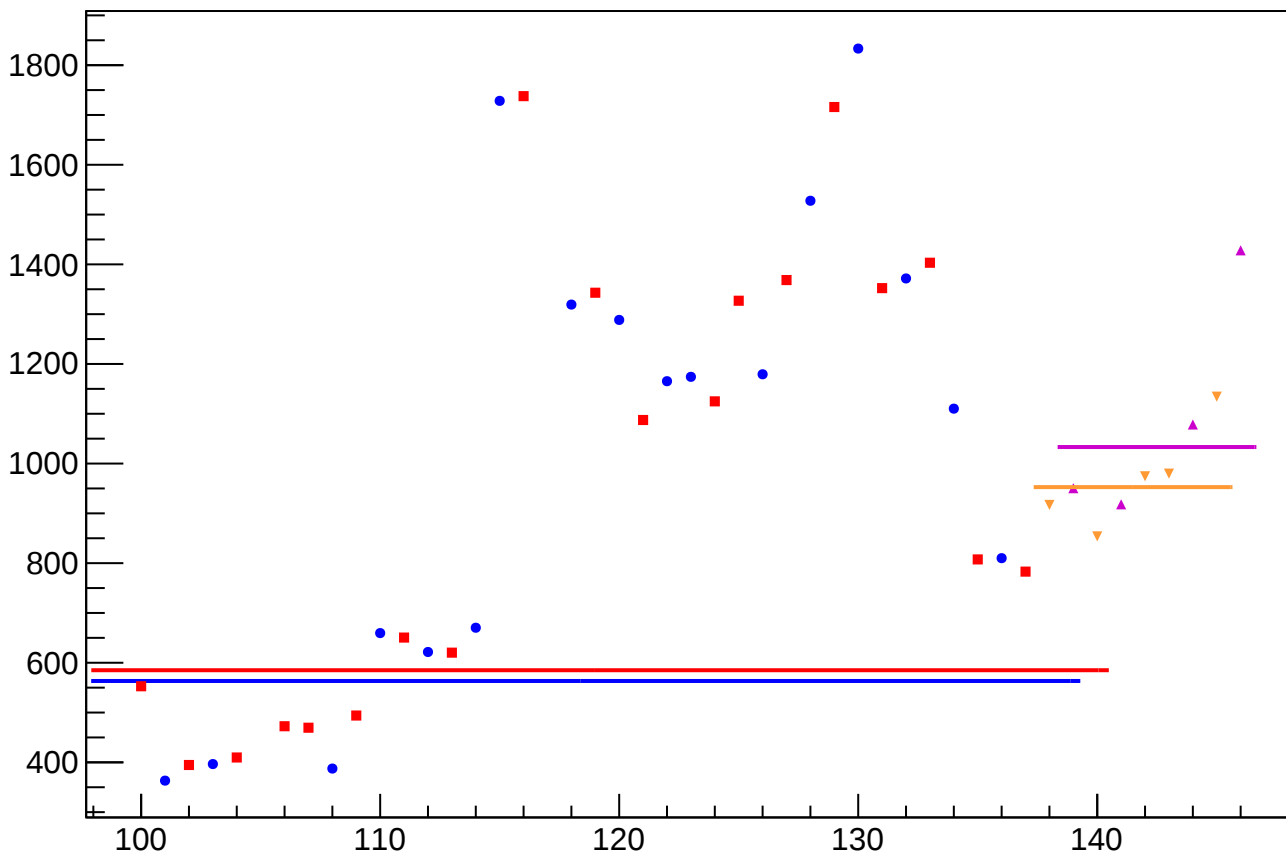
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -345.937 ± 229.638 χ^2/NDF : 19.9/20

Out: -15.780 ± 221.746 χ^2/NDF : 28.9/23

All: -175.088 ± 159.515 χ^2/NDF : 49.9/44

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: 1033.180+/-0.408 χ^2/NDF : 163818.7/3

Left: 988.177+/-0.271 χ^2/NDF : 249708.6/8

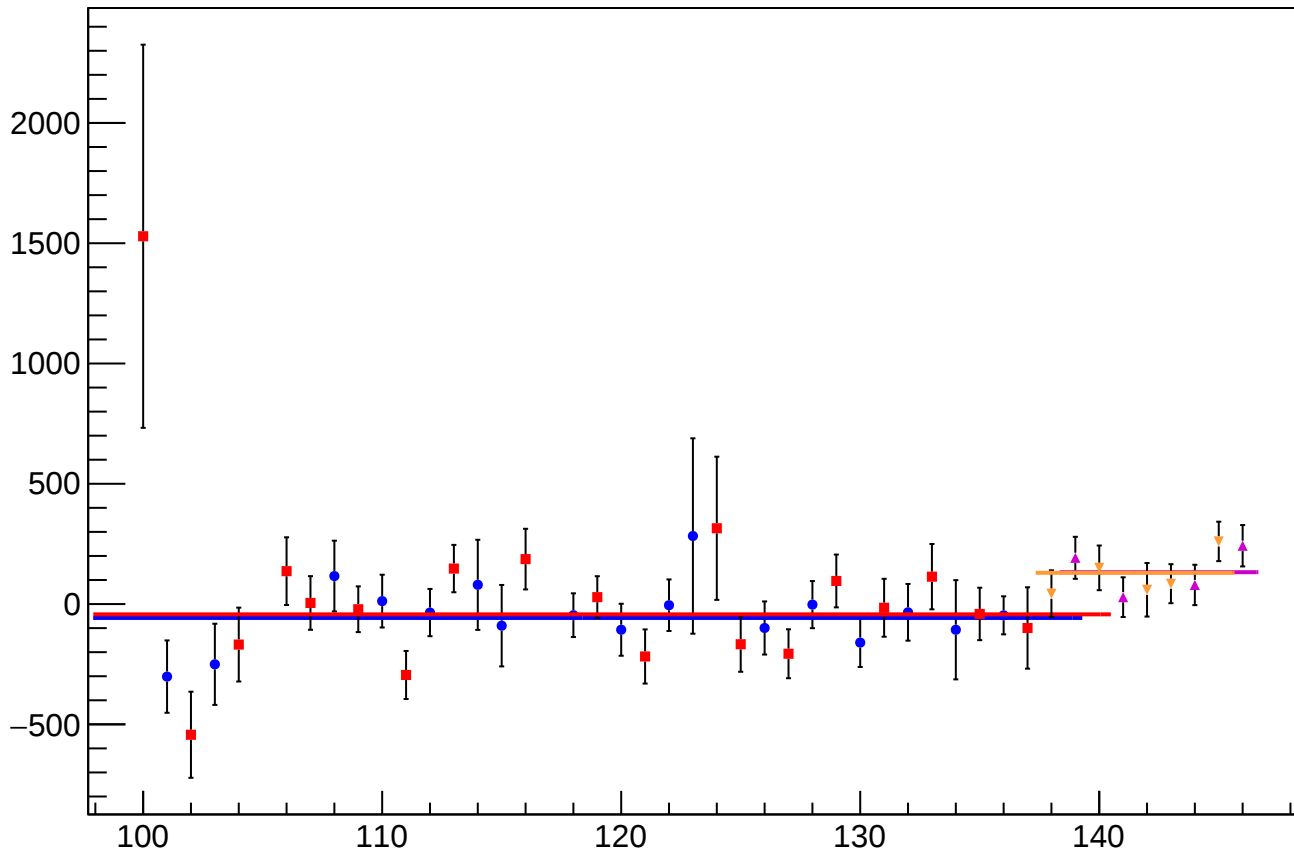
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 637.760+/-0.162 χ^2/NDF : 4538136.1/20

Out: 653.822+/-0.157 χ^2/NDF : 3719590.9/23

All: 646.072+/-0.113 χ^2/NDF : 8262790.0/44

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: 132.460 ± 42.453 χ^2/NDF : 4.1/3

Left: 131.187 ± 29.385 χ^2/NDF : 8.2/8

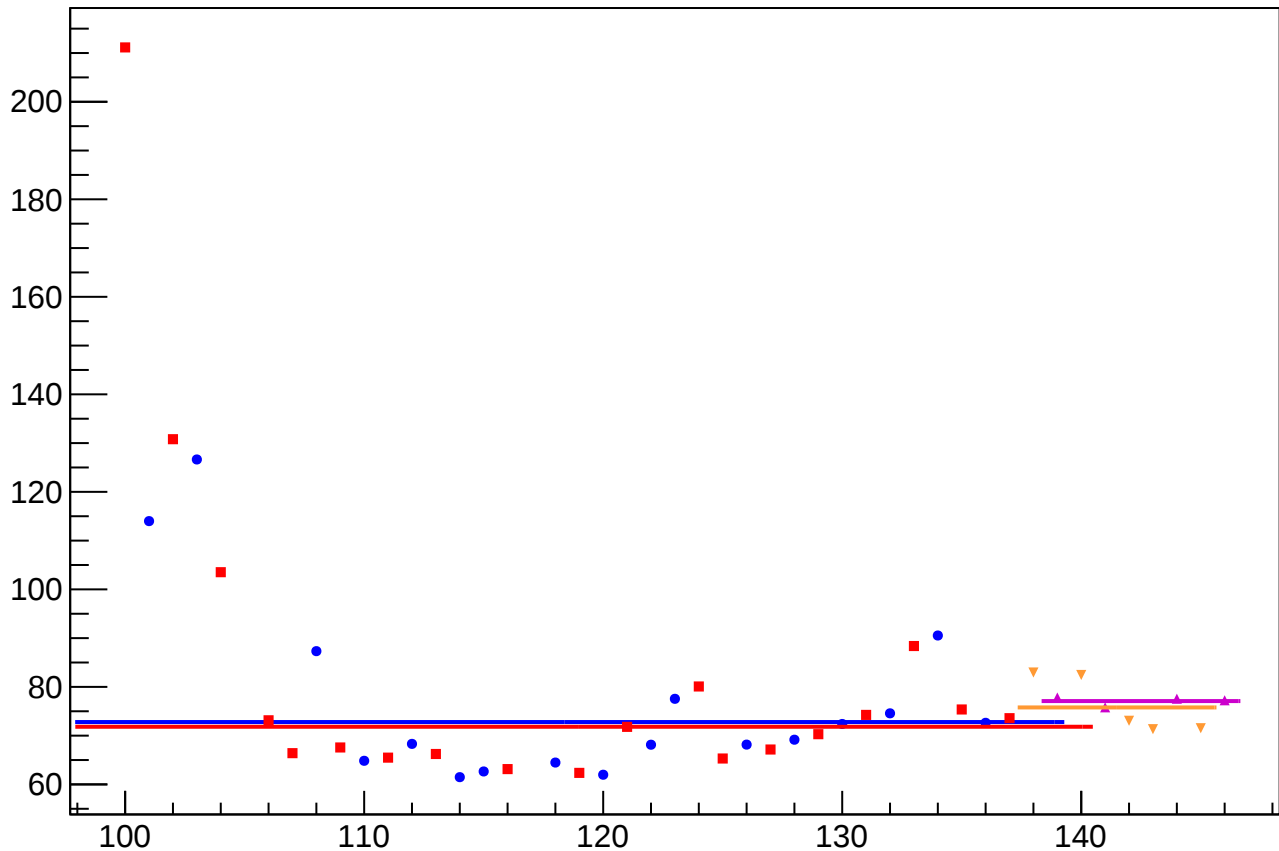
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 1.923 ± 23.773 χ^2/NDF : 27.0/20

Out: 11.871 ± 22.899 χ^2/NDF : 55.5/23

All: 7.083 ± 16.492 χ^2/NDF : 82.6/44

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 75.784 $\pm$ 0.029 χ^2 /NDF:33809.6/4

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 77.090 $\pm$ 0.030 χ^2 /NDF:694.7/3

Left: 76.410 $\pm$ 0.021 χ^2 /NDF: 35490.0/8

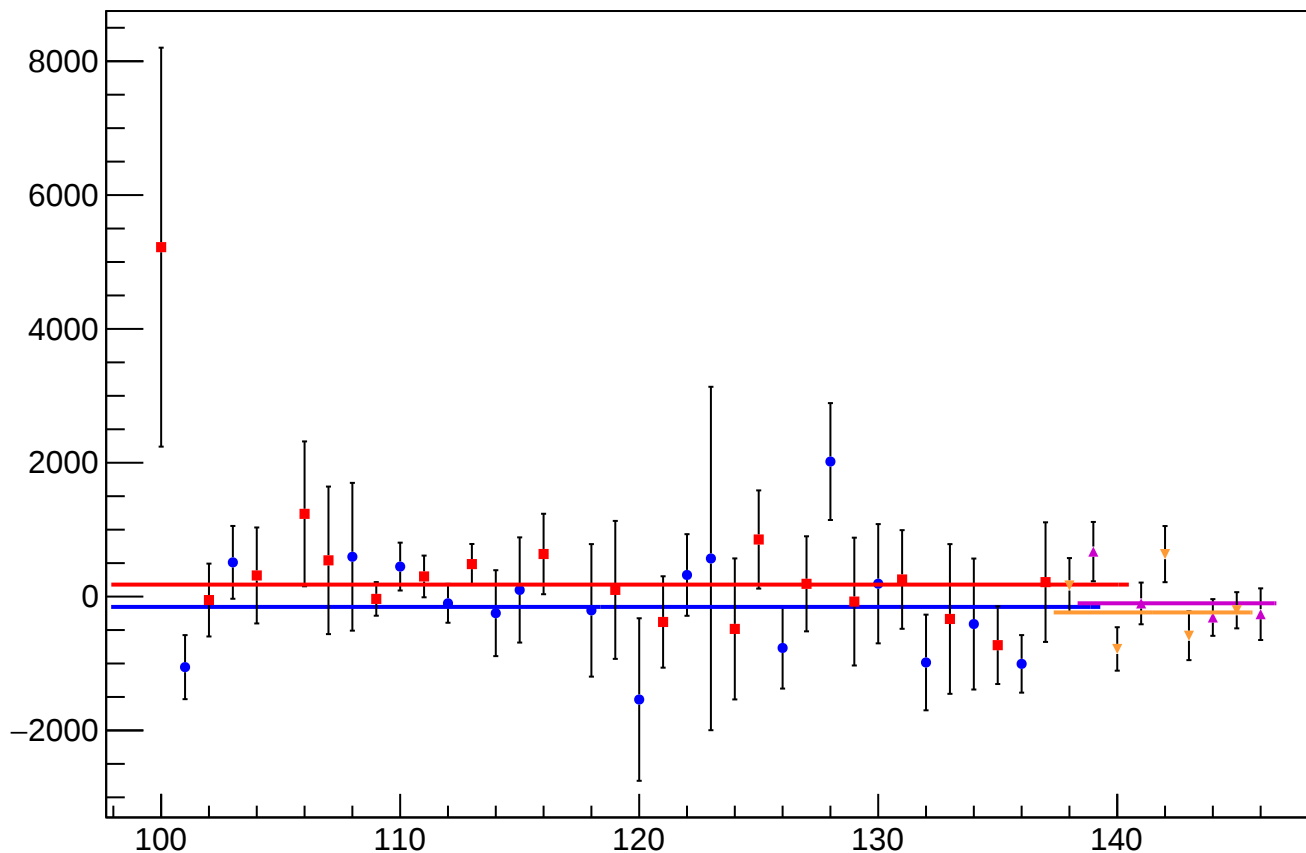
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 74.138 $\pm$ 0.017 χ^2 /NDF:479554.3/20

Out: 73.077 $\pm$ 0.016 χ^2 /NDF:512401.5/23

All: 73.588 $\pm$ 0.012 χ^2 /NDF: 994024.8/44

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -236.995 $\pm$ 153.711 χ^2/NDF : 9.0/4

Right Out: 179.068 $\pm$ 126.107 χ^2/NDF : 11.3/18

Left In: -100.215 $\pm$ 168.122 χ^2/NDF : 3.8/3

Left: -174.717 $\pm$ 113.443 χ^2/NDF : 13.2/8

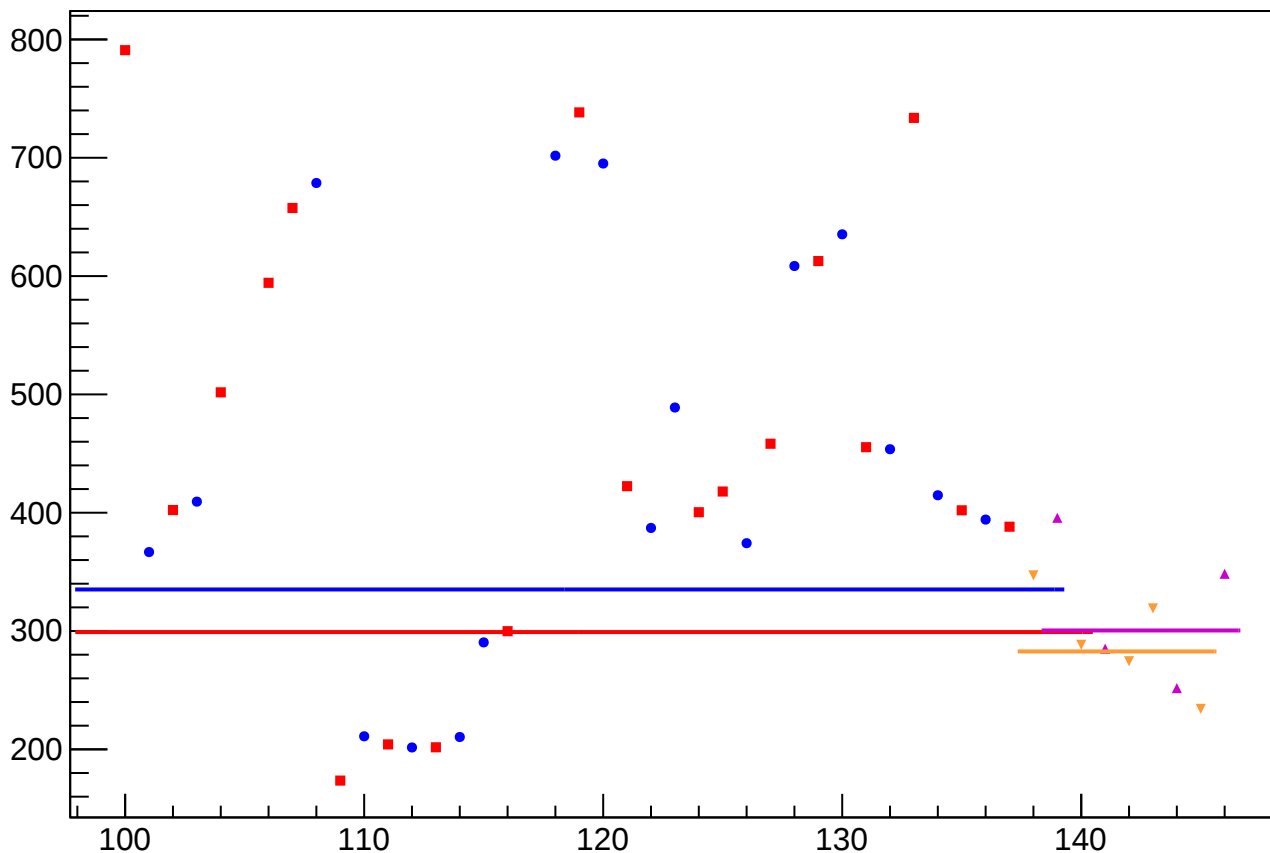
Right: 30.517 $\pm$ 93.908 χ^2/NDF : 37.6/35

In: -132.083 $\pm$ 107.900 χ^2/NDF : 27.0/20

Out: 11.684 $\pm$ 97.495 χ^2/NDF : 24.7/23

All: -52.935 $\pm$ 72.339 χ^2/NDF : 52.7/44

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: 300.479+/-0.119 χ^2/NDF :191101.9/3

Left: 290.826+/-0.080 χ^2/NDF : 338120.8/8

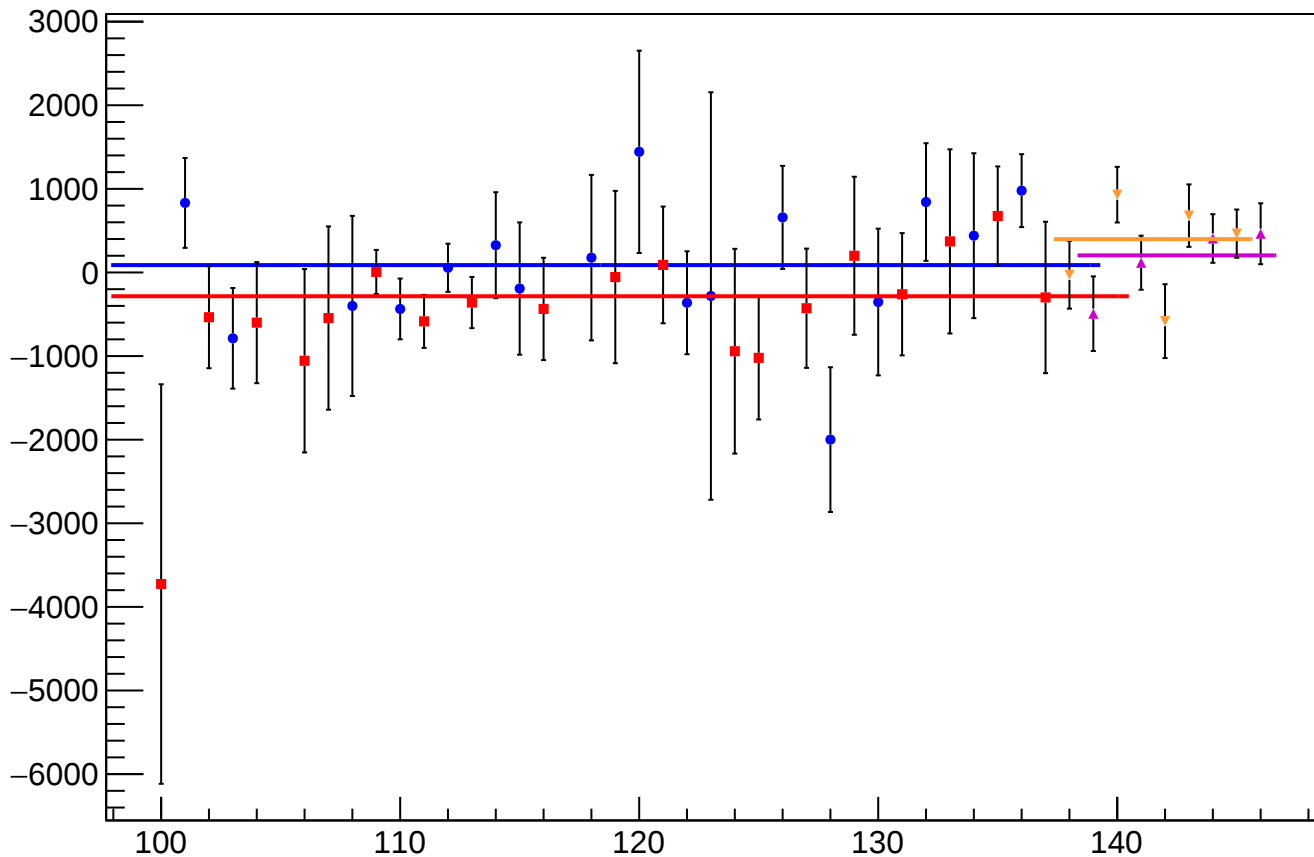
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 320.860+/-0.076 χ^2/NDF :2235123.1/20

Out: 292.546+/-0.069 χ^2/NDF :2979575.1/23

All: 305.272+/-0.051 χ^2/NDF : 5290514.6/44

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 398.388+/-159.211 χ^2/NDF : 9.2/4

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 204.294+/-171.670 χ^2/NDF : 3.5/3

Left: 308.639+/-116.735 χ^2/NDF : 13.4/8

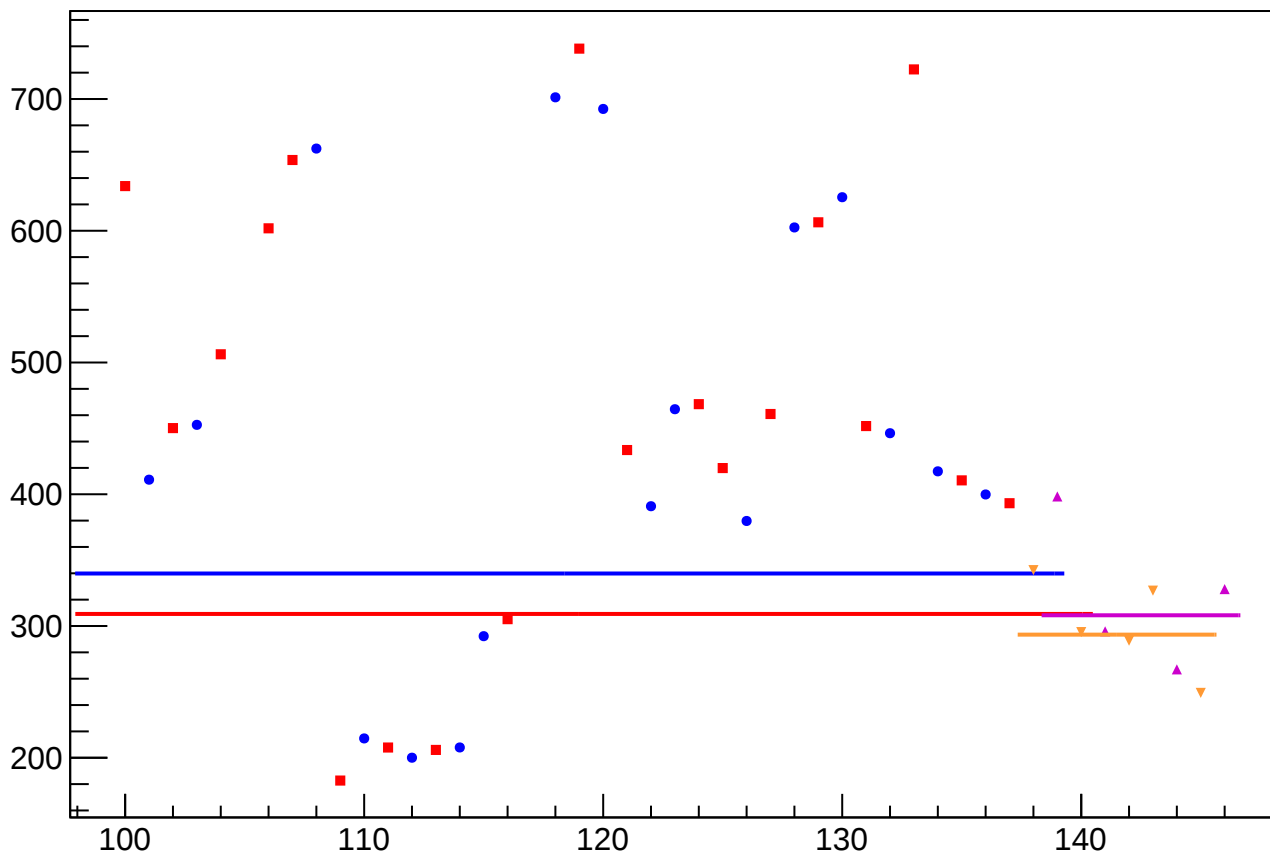
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 135.714+/-109.882 χ^2/NDF : 24.6/20

Out: -12.158+/-100.545 χ^2/NDF : 30.4/23

All: 55.229+/-74.178 χ^2/NDF : 56.0/44

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 293.448+/-0.113 χ^2/NDF : 92536.4/4

Right Out: 309.158+/-0.092 χ^2/NDF : 2735887.4/18

Left In: 308.143+/-0.121 χ^2/NDF : 130345.2/3

Left: 300.243+/-0.083 χ^2/NDF : 230760.8/8

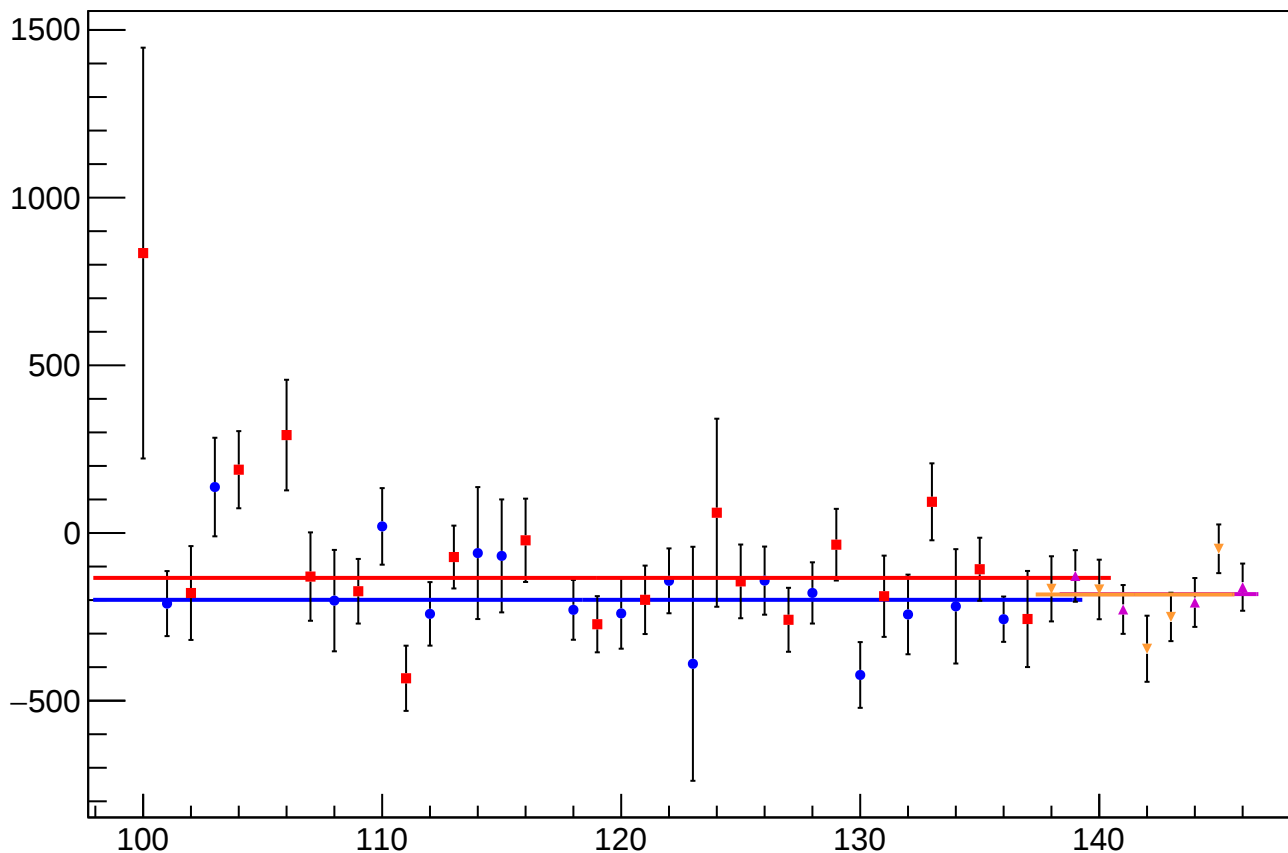
Right: 323.006+/-0.068 χ^2/NDF : 4829958.1/35

In: 326.860+/-0.078 χ^2/NDF : 2214140.1/20

Out: 302.893+/-0.071 χ^2/NDF : 2840132.0/23

All: 313.815+/-0.052 χ^2/NDF : 5106060.2/44

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 χ^2/NDF : 17.6/16

Left Out: -183.250 ± 37.335 χ^2/NDF : 7.1/4

Right Out: -133.844 ± 26.228 χ^2/NDF : 39.2/18

Left In: -182.161 ± 36.555 χ^2/NDF : 1.1/3

Left: -182.694 ± 26.120 χ^2/NDF : 8.2/8

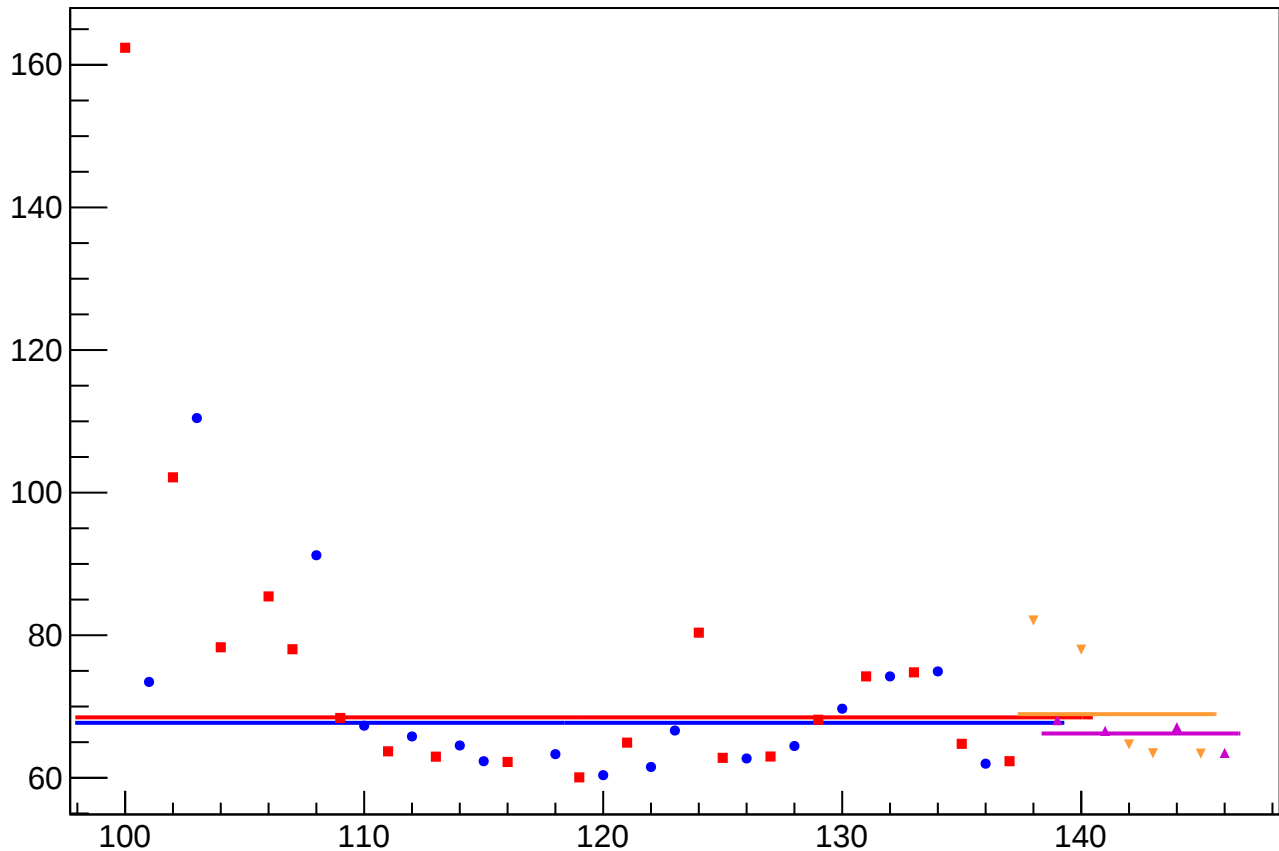
Right: -166.192 ± 18.647 χ^2/NDF : 59.8/35

In: -193.360 ± 21.463 χ^2/NDF : 18.8/20

Out: -150.170 ± 21.462 χ^2/NDF : 47.5/23

All: -171.763 ± 15.176 χ^2/NDF : 68.3/44

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: 66.218 $\pm$ 0.026 χ^2/NDF : 4533.3/3

Left: 67.547 $\pm$ 0.018 χ^2/NDF : 94193.5/8

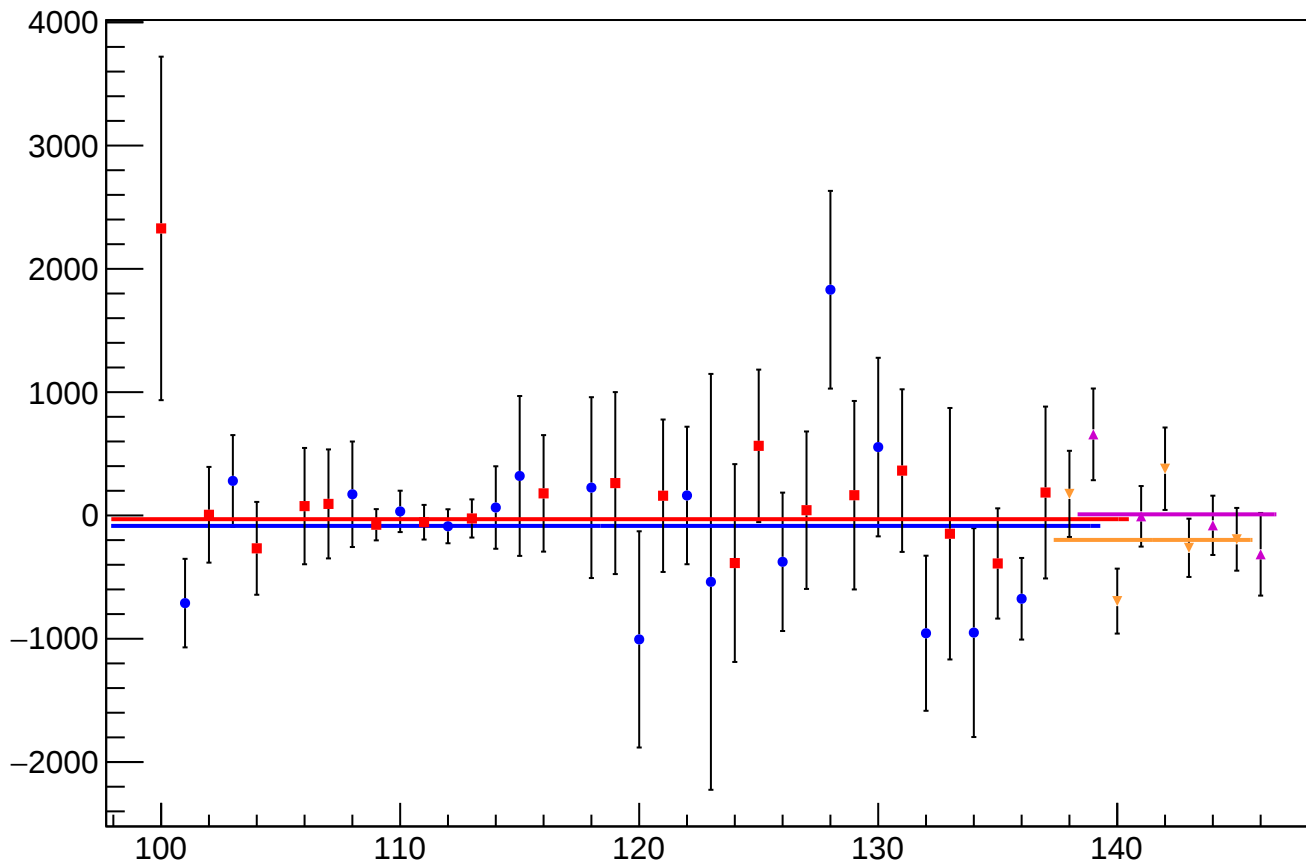
Right: 68.102 $\pm$ 0.013 χ^2/NDF : 565158.7/35

In: 67.199 $\pm$ 0.015 χ^2/NDF : 289623.3/20

Out: 68.630 $\pm$ 0.015 χ^2/NDF : 365882.5/23

All: 67.915 $\pm$ 0.011 χ^2/NDF : 659951.1/44

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -198.443 ± 124.117 χ^2/NDF : 7.7/4

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 9.028 ± 141.397 χ^2/NDF : 4.1/3

Left: -108.153 ± 93.279 χ^2/NDF : 13.1/8

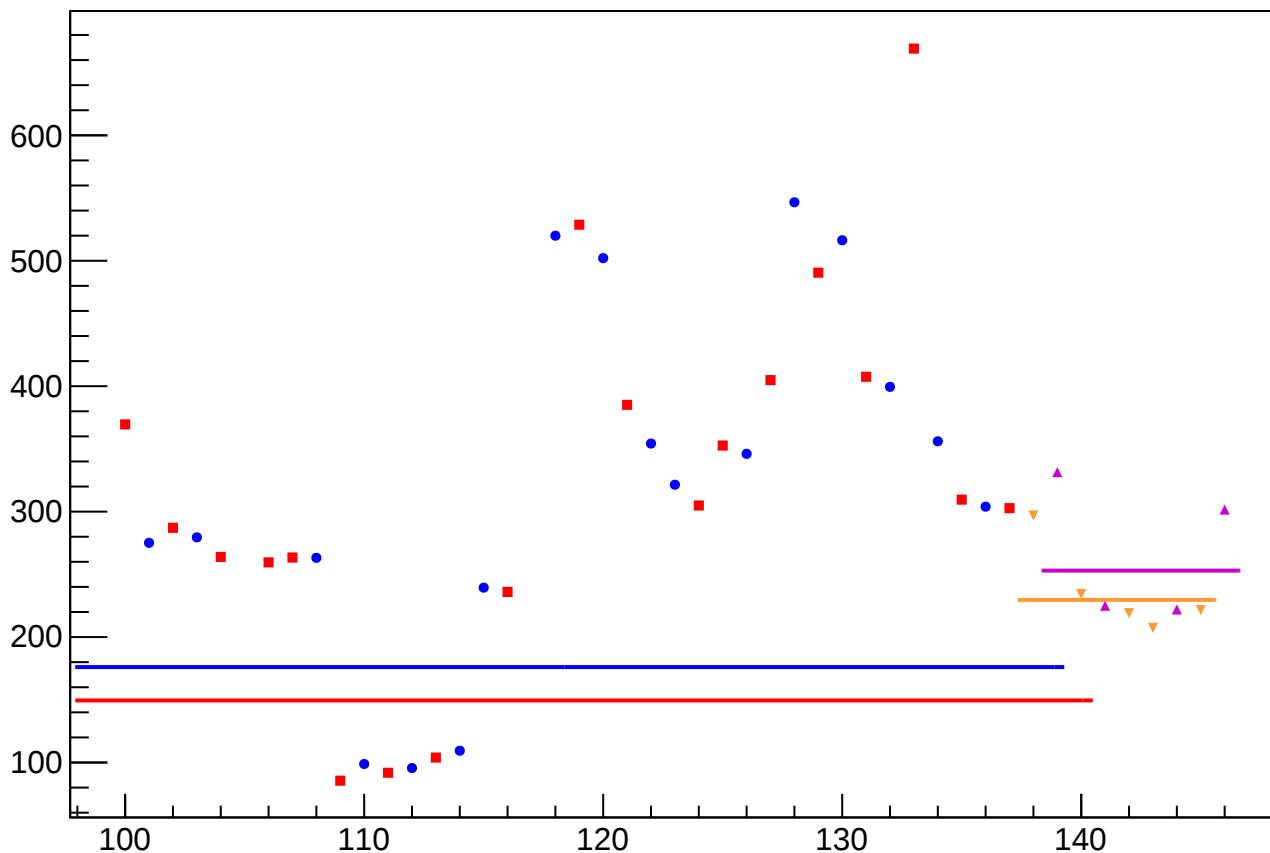
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -60.868 ± 71.366 χ^2/NDF : 24.3/20

Out: -70.518 ± 60.748 χ^2/NDF : 15.5/23

All: -66.463 ± 46.259 χ^2/NDF : 39.8/44

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 229.650 $\pm$ 0.088 χ^2/NDF : 96457.2/4

Right Out: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

Left In: 252.988 $\pm$ 0.100 χ^2/NDF : 190455.2/3

Left: 239.807 $\pm$ 0.066 χ^2/NDF : 317685.1/8

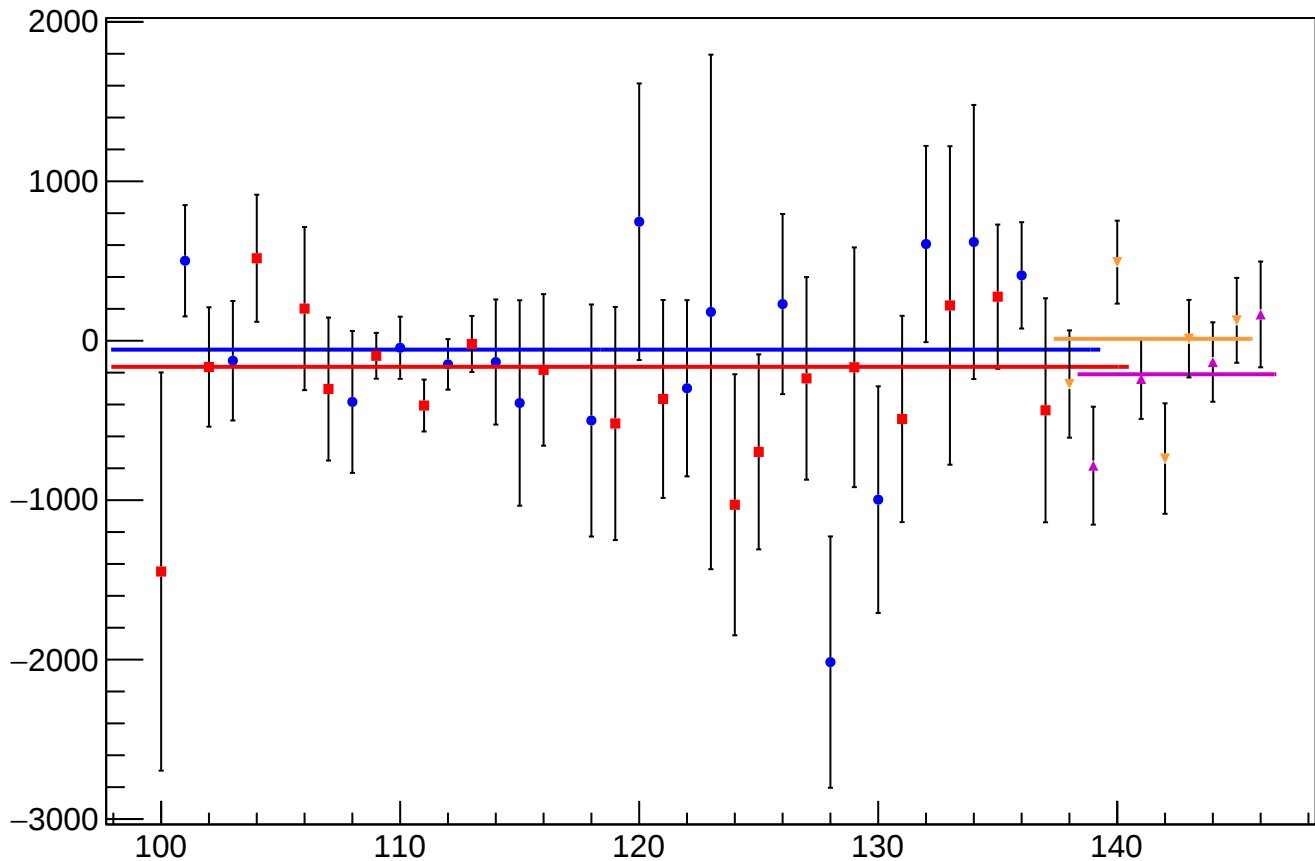
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 195.684 $\pm$ 0.050 χ^2/NDF : 4854877.8/20

Out: 168.688 $\pm$ 0.043 χ^2/NDF : 5551909.4/23

All: 180.030 $\pm$ 0.033 χ^2/NDF : 10572729.6/4

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 $\pm$ 90.572 χ^2/NDF : 17.1/16

Left Out: 11.995 $\pm$ 126.038 χ^2/NDF : 9.0/4

Right Out: -163.564 $\pm$ 76.926 χ^2/NDF : 11.4/18

Left In: -210.343 $\pm$ 143.768 χ^2/NDF : 3.8/3

Left: -84.626 $\pm$ 94.775 χ^2/NDF : 14.2/8

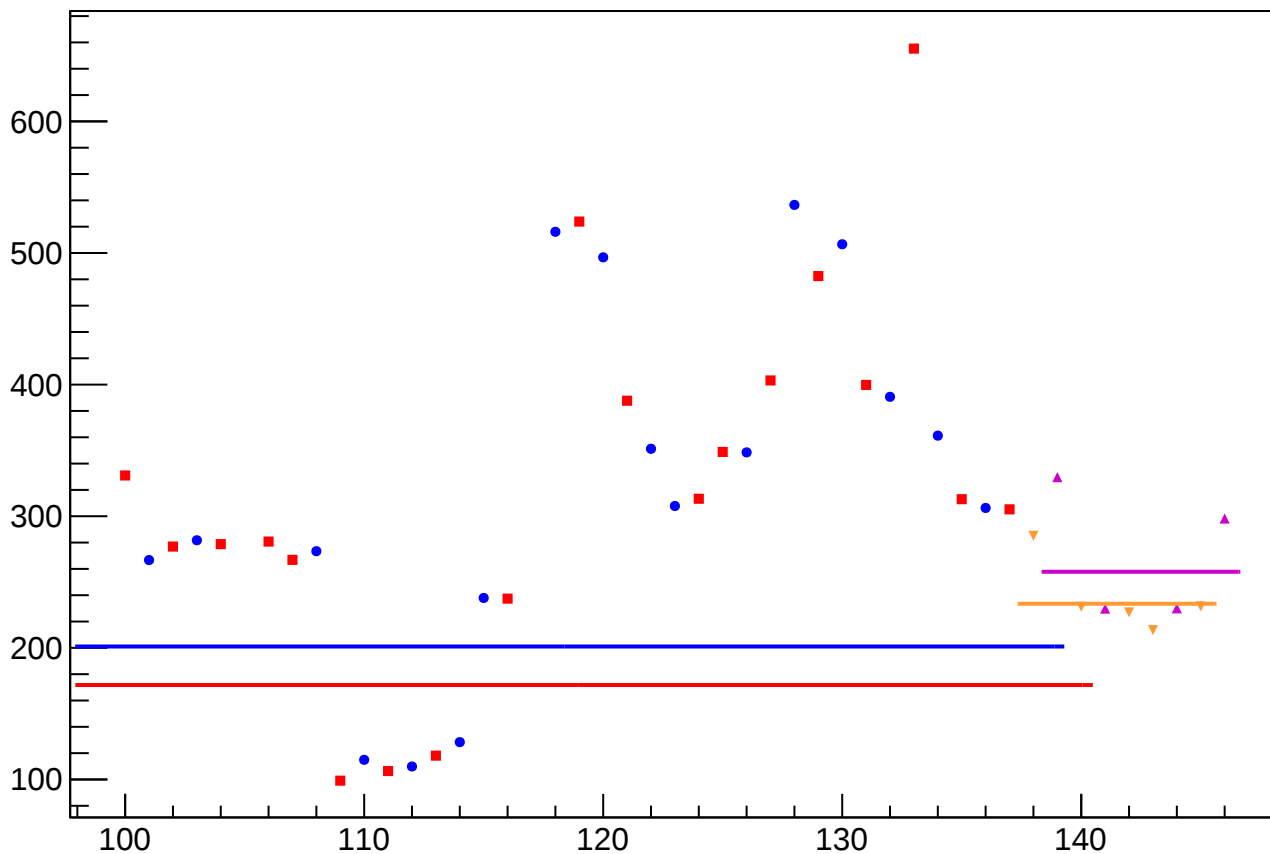
Right: -118.372 $\pm$ 58.632 χ^2/NDF : 29.4/35

In: -99.654 $\pm$ 76.633 χ^2/NDF : 21.8/20

Out: -115.916 $\pm$ 65.662 χ^2/NDF : 21.9/23

All: -109.031 $\pm$ 49.862 χ^2/NDF : 43.7/44

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 233.521 $\pm$ 0.089 χ^2/NDF :61664.0/4

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 257.825 $\pm$ 0.102 χ^2/NDF :155083.3/3

Left: 244.083 $\pm$ 0.067 χ^2/NDF : 249063.9/8

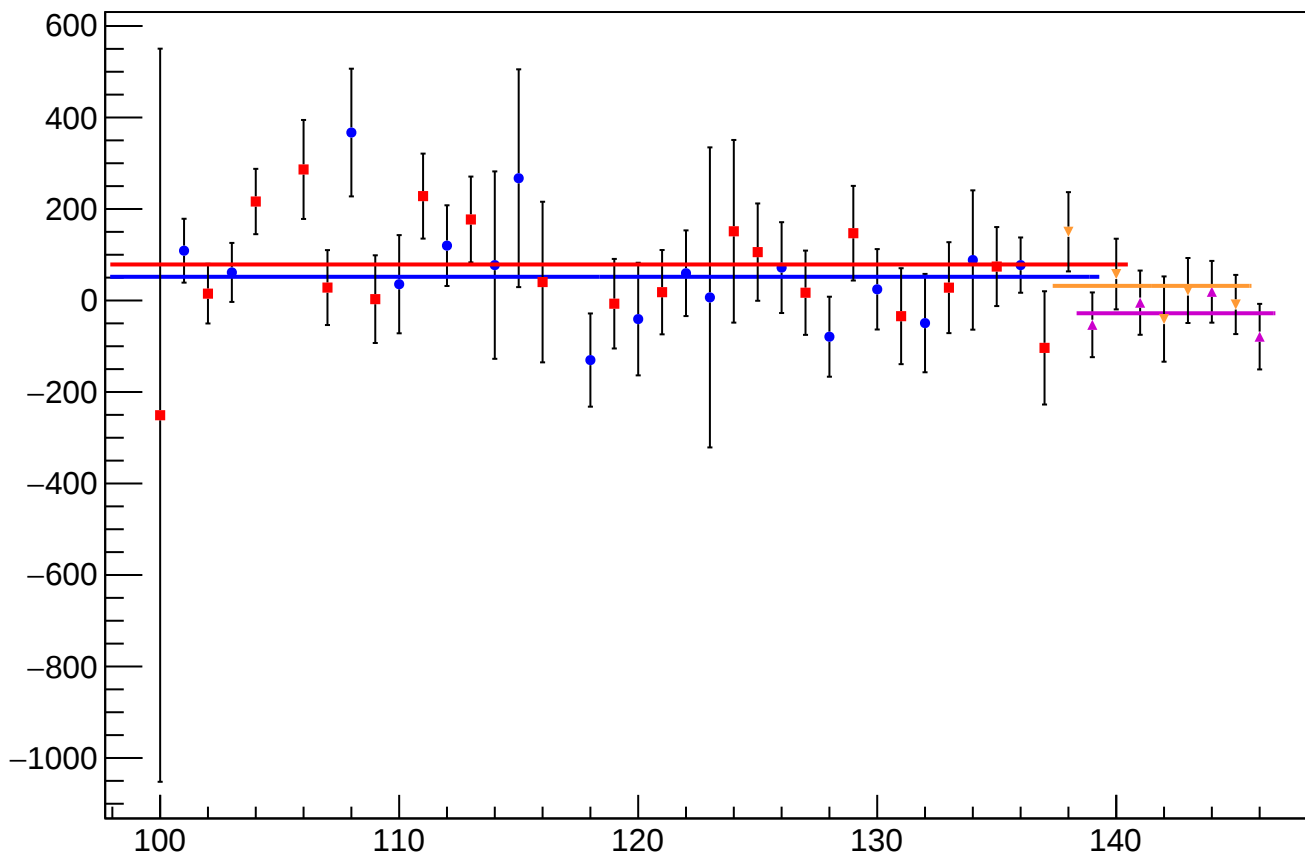
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 217.171 $\pm$ 0.054 χ^2/NDF :3811500.1/20

Out: 188.526 $\pm$ 0.046 χ^2/NDF :4509720.1/23

All: 200.653 $\pm$ 0.035 χ^2/NDF : 8482360.1/44

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: -27.899+/-34.984 χ^2/NDF : 1.2/3

Left: 2.688+/-24.468 χ^2/NDF : 5.7/8

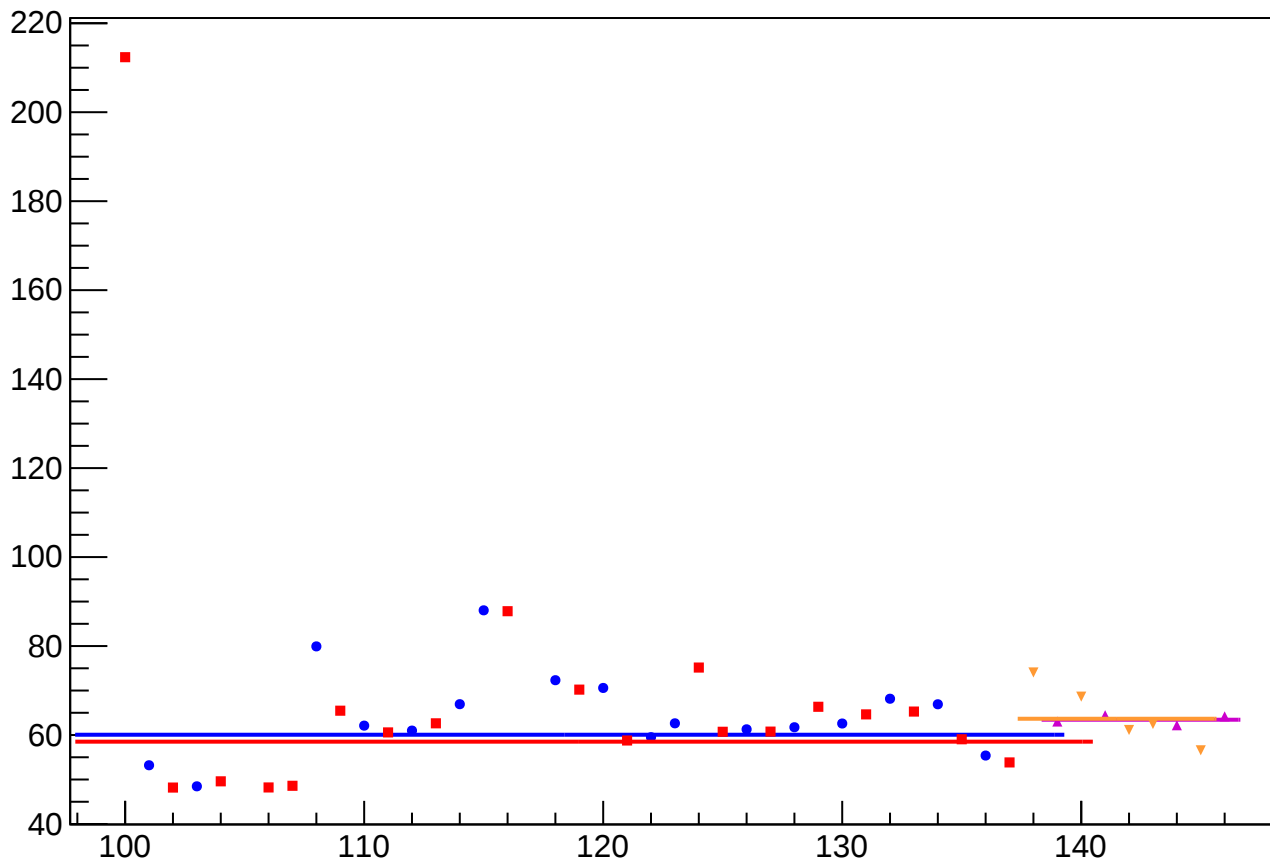
Right: 65.887+/-16.261 χ^2/NDF : 34.4/35

In: 26.964+/-19.529 χ^2/NDF : 19.3/20

Out: 64.648+/-18.797 χ^2/NDF : 23.4/23

All: 46.526+/-13.543 χ^2/NDF : 44.7/44

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: 63.438 $\pm$ 0.025 χ^2 /NDF: 1381.8/3

Left: 63.551 $\pm$ 0.017 χ^2 /NDF: 64657.9/8

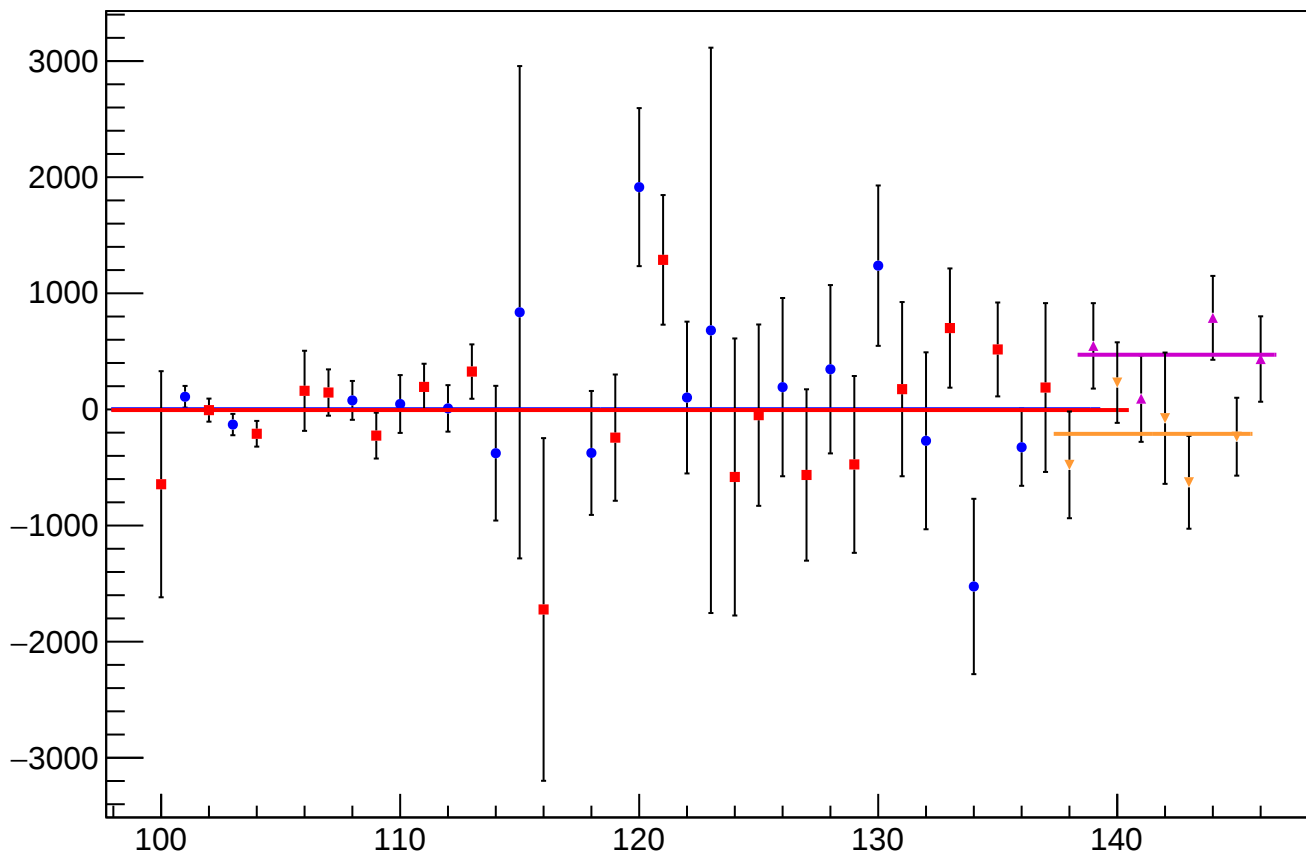
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 61.116 $\pm$ 0.014 χ^2 /NDF: 243279.3/20

Out: 60.061 $\pm$ 0.013 χ^2 /NDF: 443669.7/23

All: 60.568 $\pm$ 0.010 χ^2 /NDF: 689982.9/44

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: 470.947+/-183.623 χ^2/NDF : 1.9/3

Left: 120.968+/-128.060 χ^2/NDF : 12.0/8

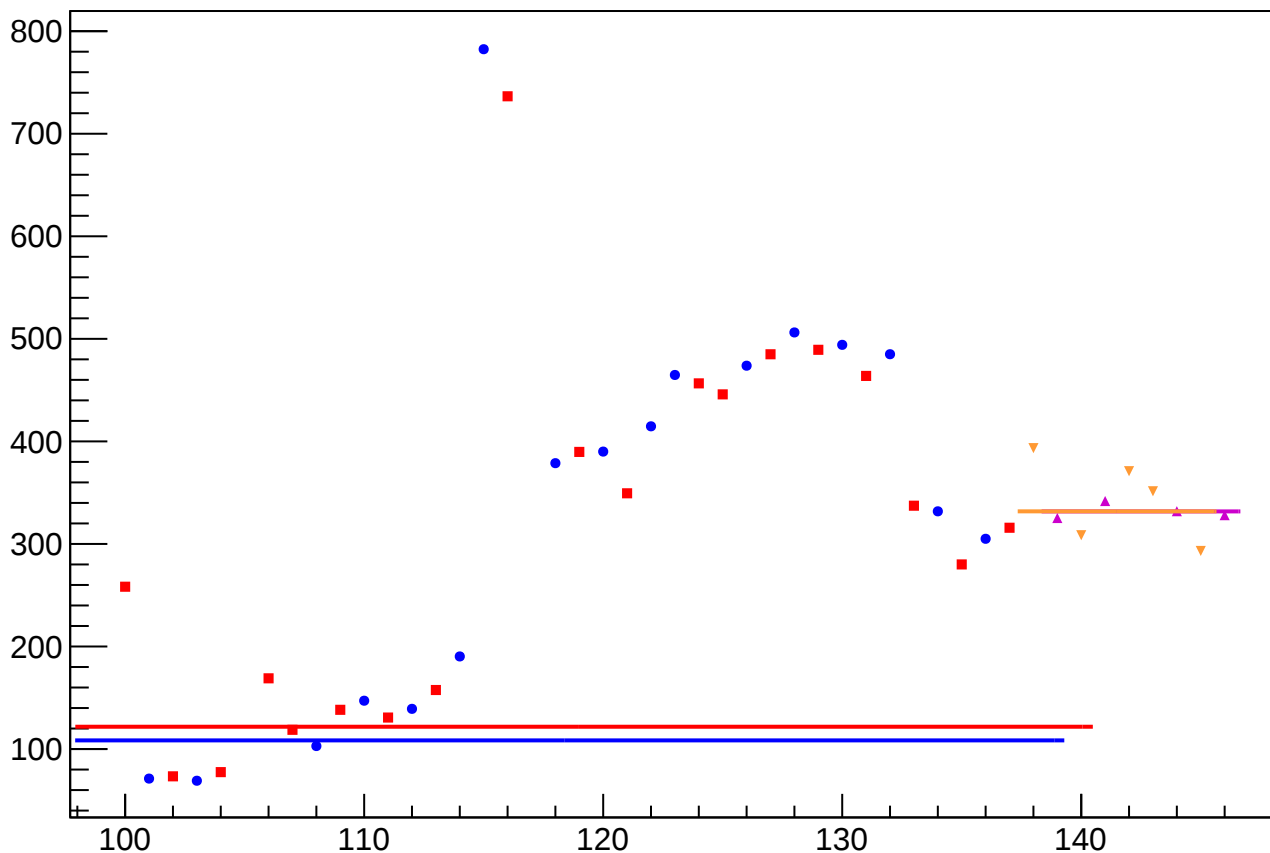
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 39.304+/-52.057 χ^2/NDF : 29.3/20

Out: -24.048+/-53.885 χ^2/NDF : 25.0/23

All: 8.721+/-37.439 χ^2/NDF : 54.9/44

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: 331.725+/-0.130 χ^2/NDF : 2293.3/3

Left: 331.758+/-0.091 χ^2/NDF : 88195.5/8

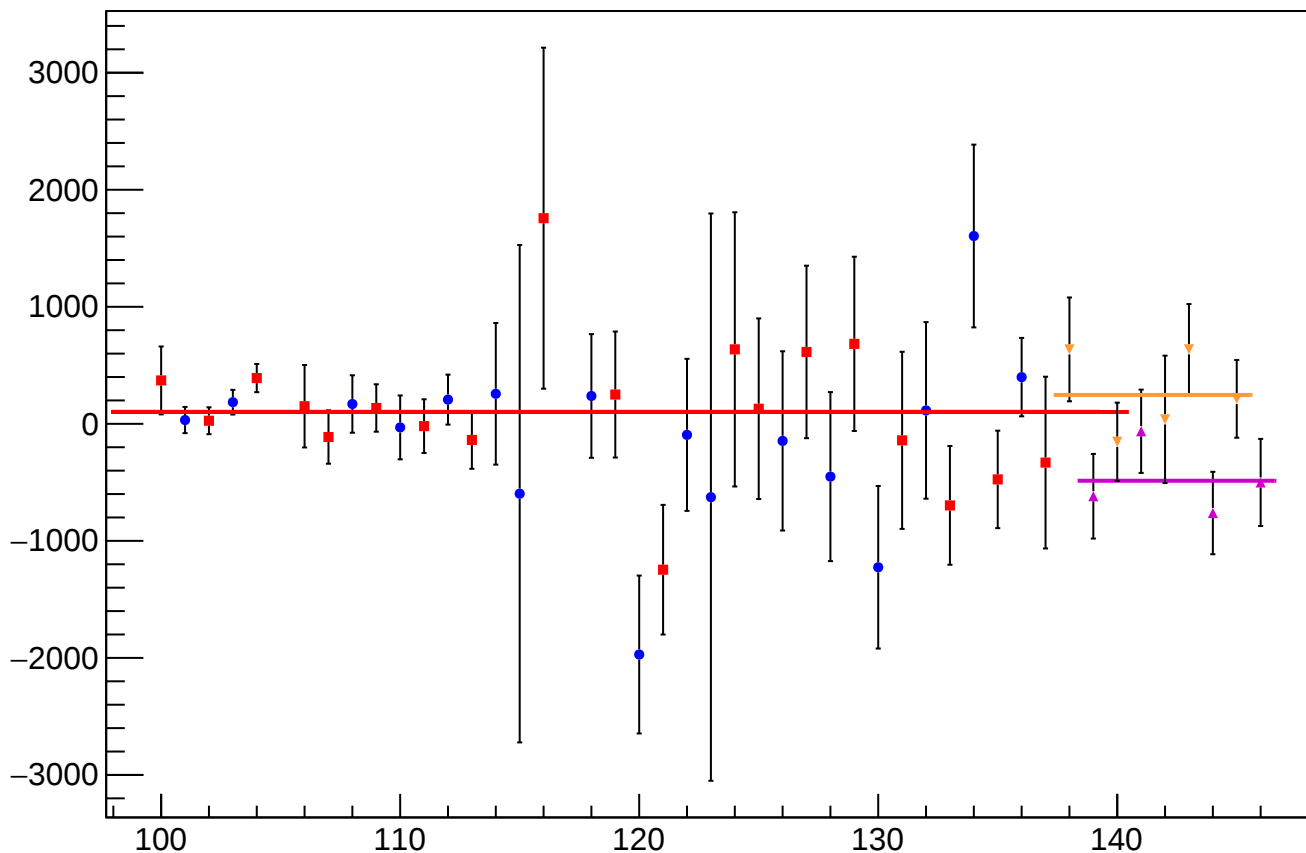
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 126.390+/-0.037 χ^2/NDF : 8125896.2/20

Out: 140.864+/-0.038 χ^2/NDF : 7368714.9/23

All: 133.378+/-0.026 χ^2/NDF : 15569251.9/4

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 246.812 $\pm$ 173.595 χ^2 /NDF:3.4/4

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -486.351 $\pm$ 180.121 χ^2 /NDF:2.2/3

Left: -106.247 $\pm$ 124.993 χ^2 /NDF: 14.1/8

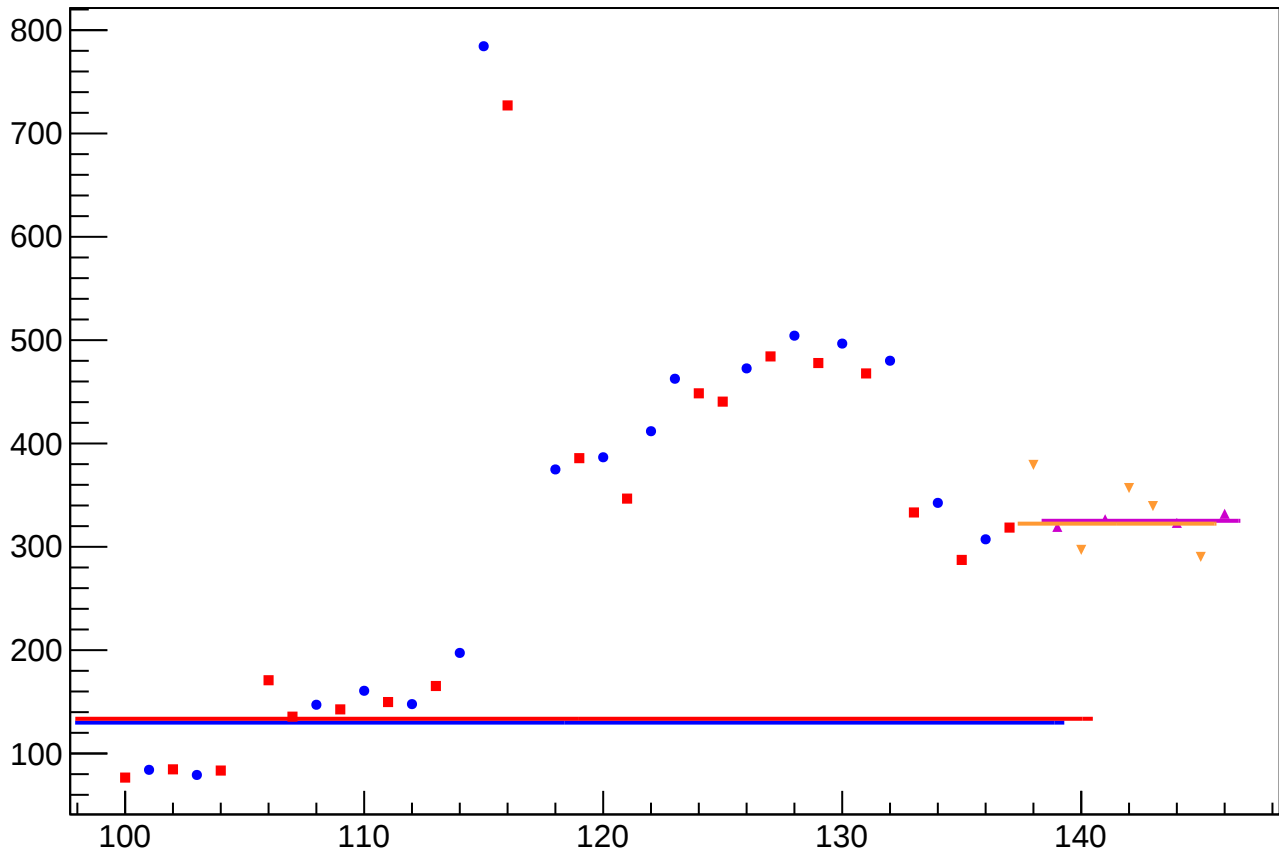
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 37.835 $\pm$ 59.575 χ^2 /NDF:31.9/20

Out: 117.175 $\pm$ 57.421 χ^2 /NDF:26.6/23

All: 78.965 $\pm$ 41.343 χ^2 /NDF: 59.5/44

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: 325.188+/-0.127 χ^2/NDF : 1299.8/3

Left: 323.755+/-0.088 χ^2/NDF : 76615.3/8

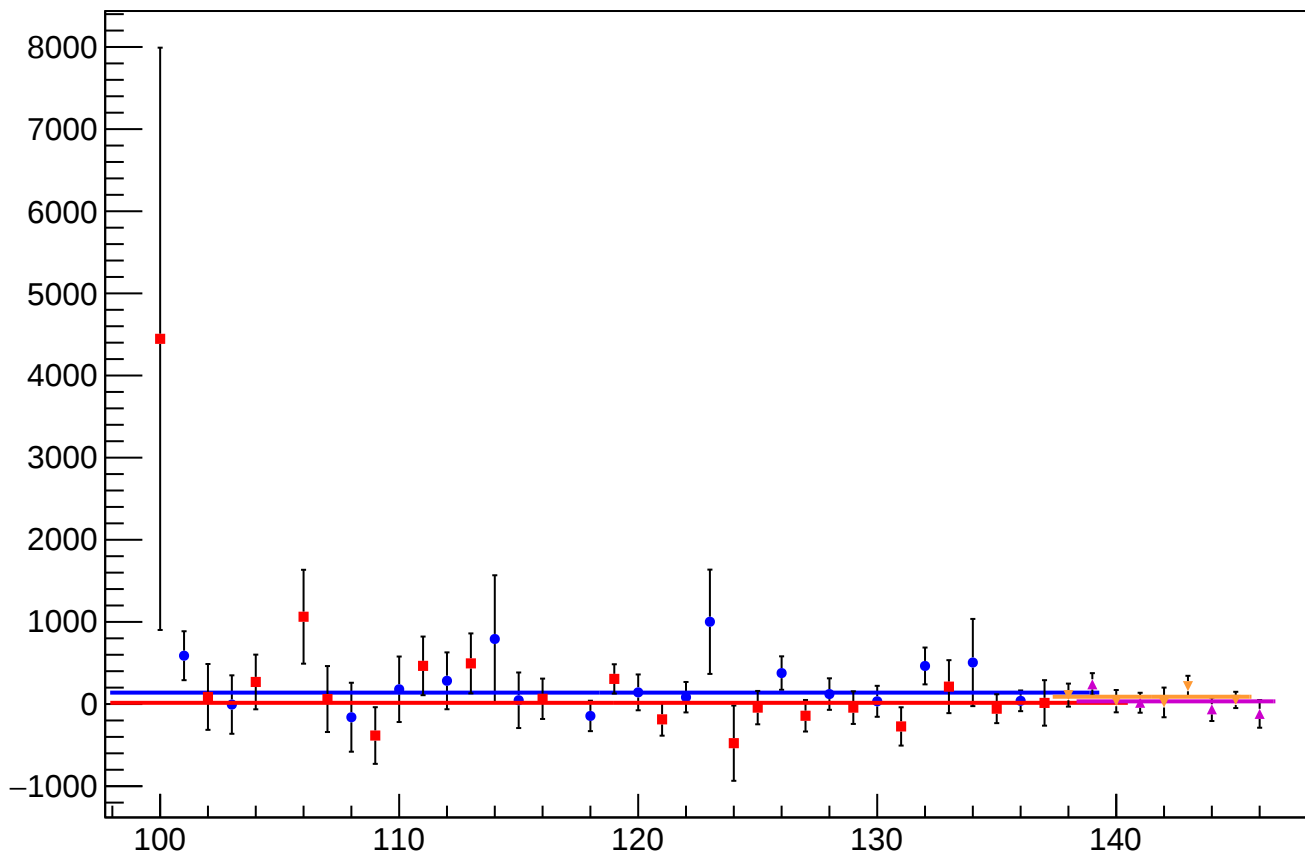
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 151.249+/-0.042 χ^2/NDF : 6924971.8/20

Out: 154.263+/-0.041 χ^2/NDF : 6545751.2/23

All: 152.812+/-0.029 χ^2/NDF : 13473377.8/44

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: 32.767 $\pm$ 69.678 χ^2 /NDF:3.6/3

Left: 66.117 $\pm$ 44.444 χ^2 /NDF: 5.5/8

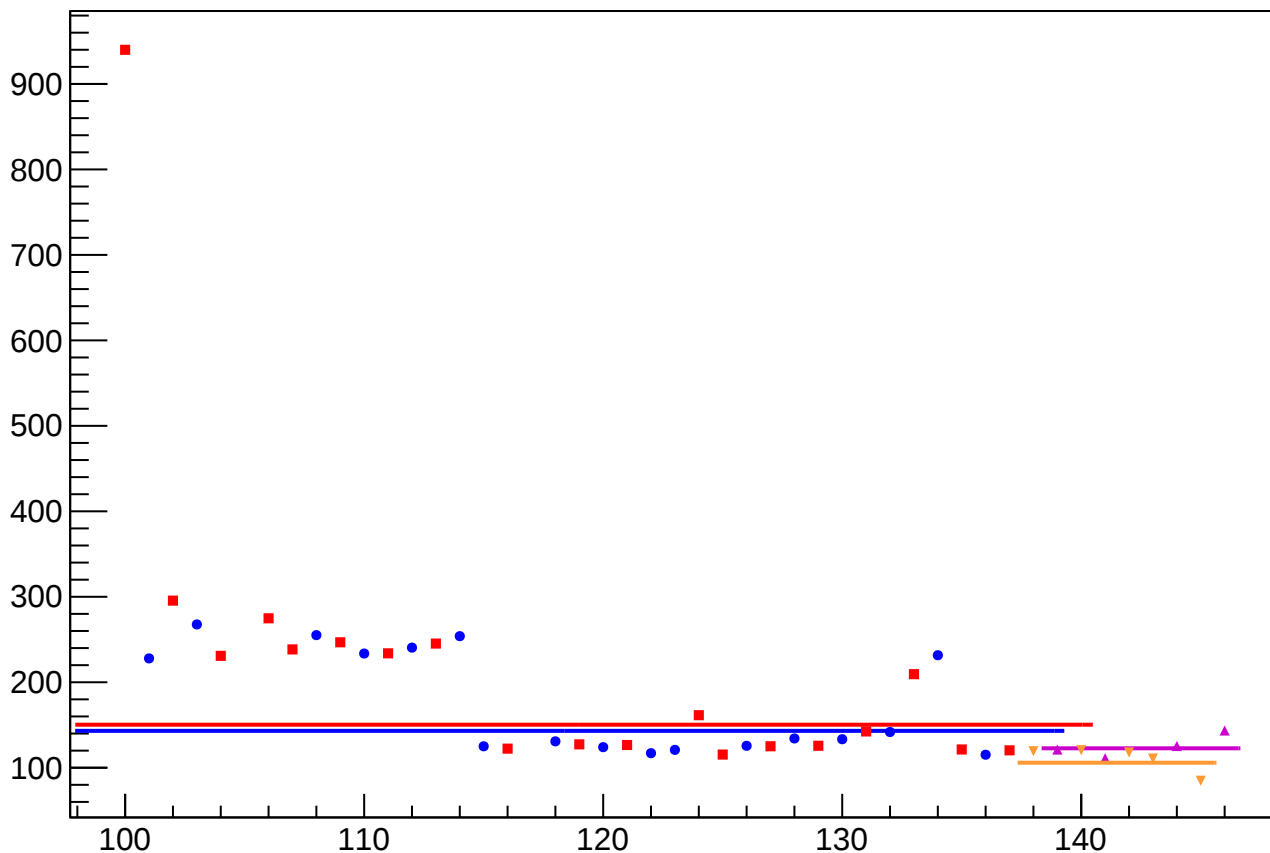
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 95.590 $\pm$ 44.569 χ^2 /NDF:18.1/20

Out: 53.468 $\pm$ 41.632 χ^2 /NDF:20.3/23

All: 73.095 $\pm$ 30.423 χ^2 /NDF: 38.9/44

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: 122.724 $\pm$ 0.049 χ^2 /NDF:49613.2/3

Left: 112.725 $\pm$ 0.031 χ^2 /NDF: 263488.5/8

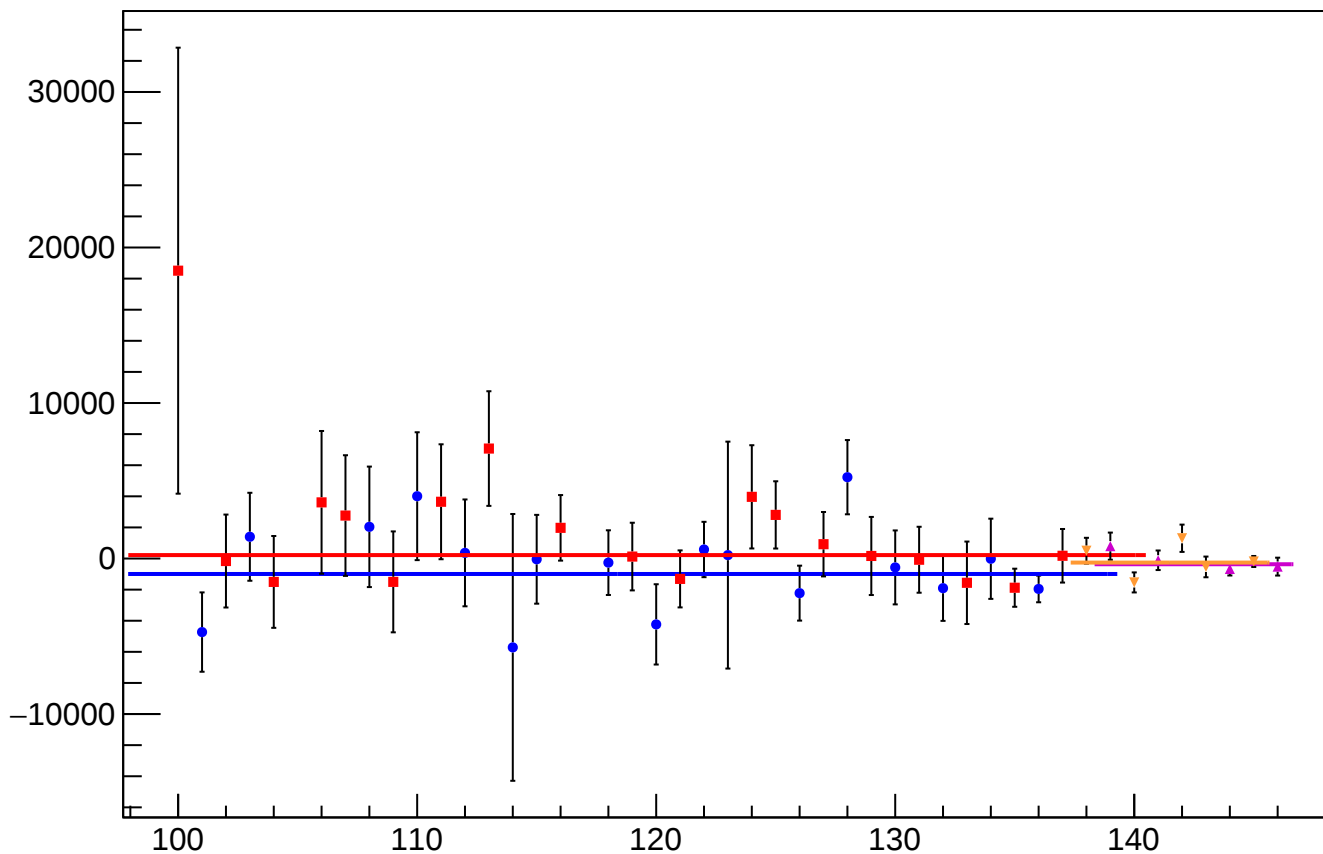
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 134.787 $\pm$ 0.032 χ^2 /NDF:1252328.2/20

Out: 127.192 $\pm$ 0.029 χ^2 /NDF:2146020.0/23

All: 130.731 $\pm$ 0.022 χ^2 /NDF: 3429366.7/44

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: -367.286+/-282.675 χ^2/NDF : 2.5/3

Left: -308.122+/-189.187 χ^2/NDF : 10.8/8

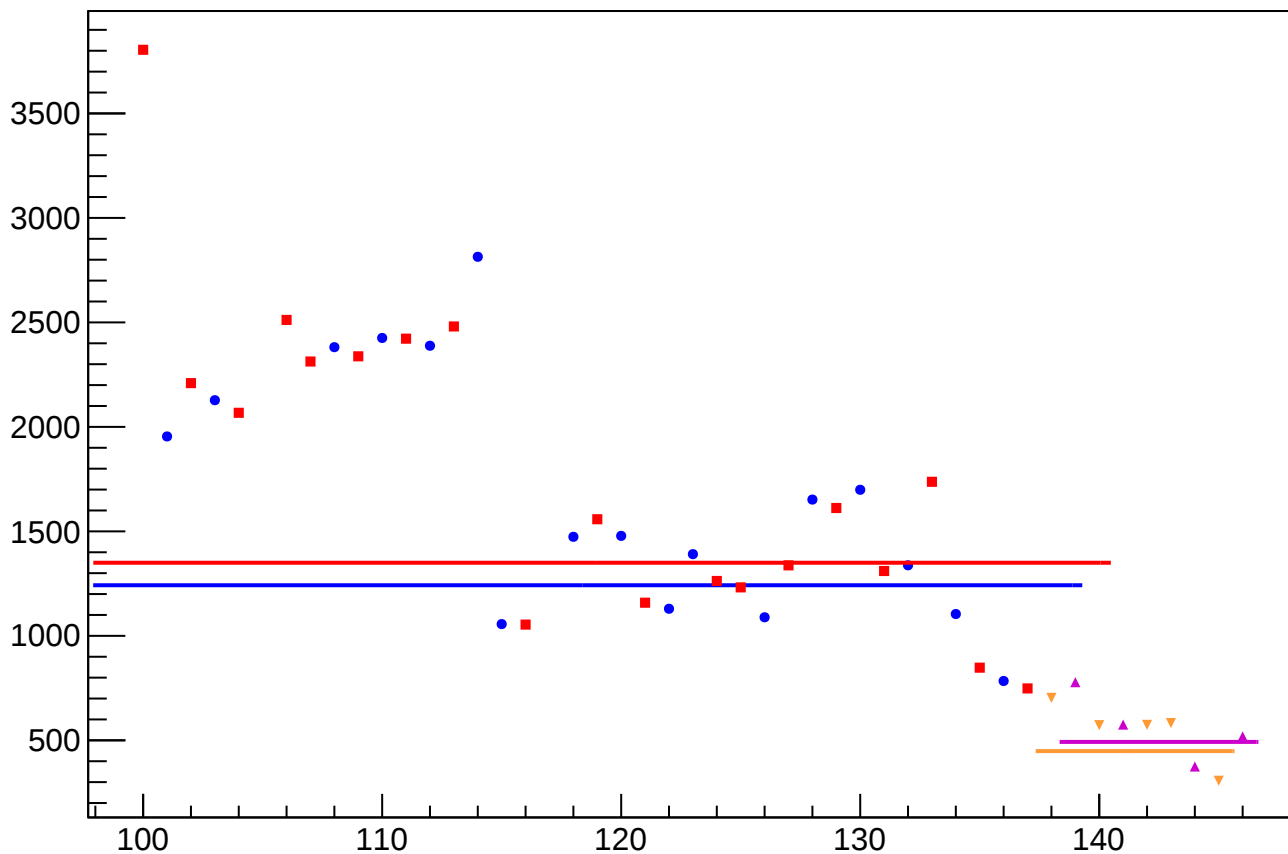
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -511.702+/-247.963 χ^2/NDF : 20.6/20

Out: -173.447+/-230.567 χ^2/NDF : 24.0/23

All: -330.294+/-168.851 χ^2/NDF : 45.6/44

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 448.508 $\pm$ 0.180 χ^2 /NDF: 707308.3/4

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 492.464 $\pm$ 0.200 χ^2 /NDF: 409790.5/3

Left: 468.197 $\pm$ 0.134 χ^2 /NDF: 1143797.6/8

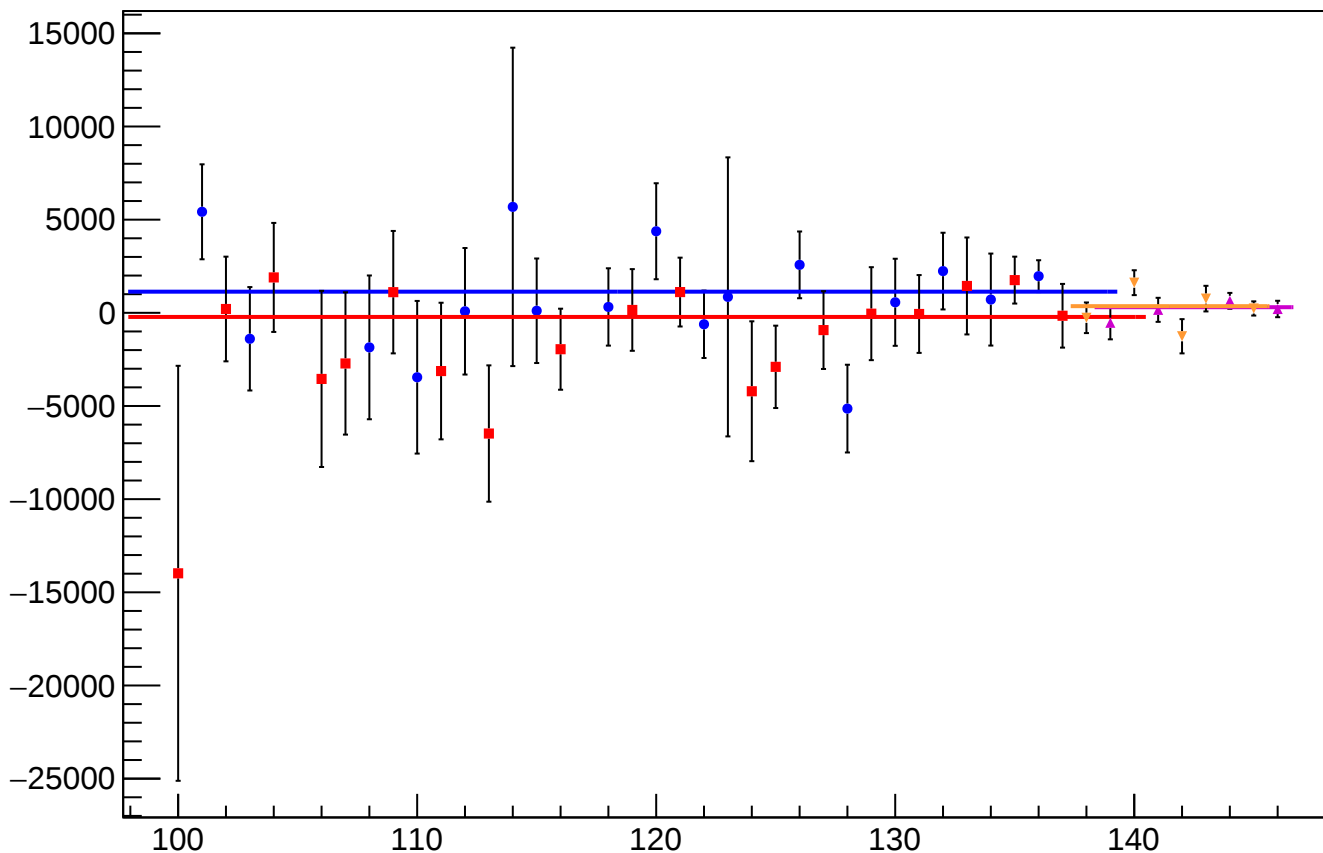
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 665.282 $\pm$ 0.175 χ^2 /NDF: 5420136.9/20

Out: 610.766 $\pm$ 0.163 χ^2 /NDF: 7086931.2/23

All: 636.045 $\pm$ 0.119 χ^2 /NDF: 12558914.3/4

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: 301.818+/-264.158 χ^2/NDF : 1.6/3

Left: 329.275+/-188.126 χ^2/NDF : 9.3/8

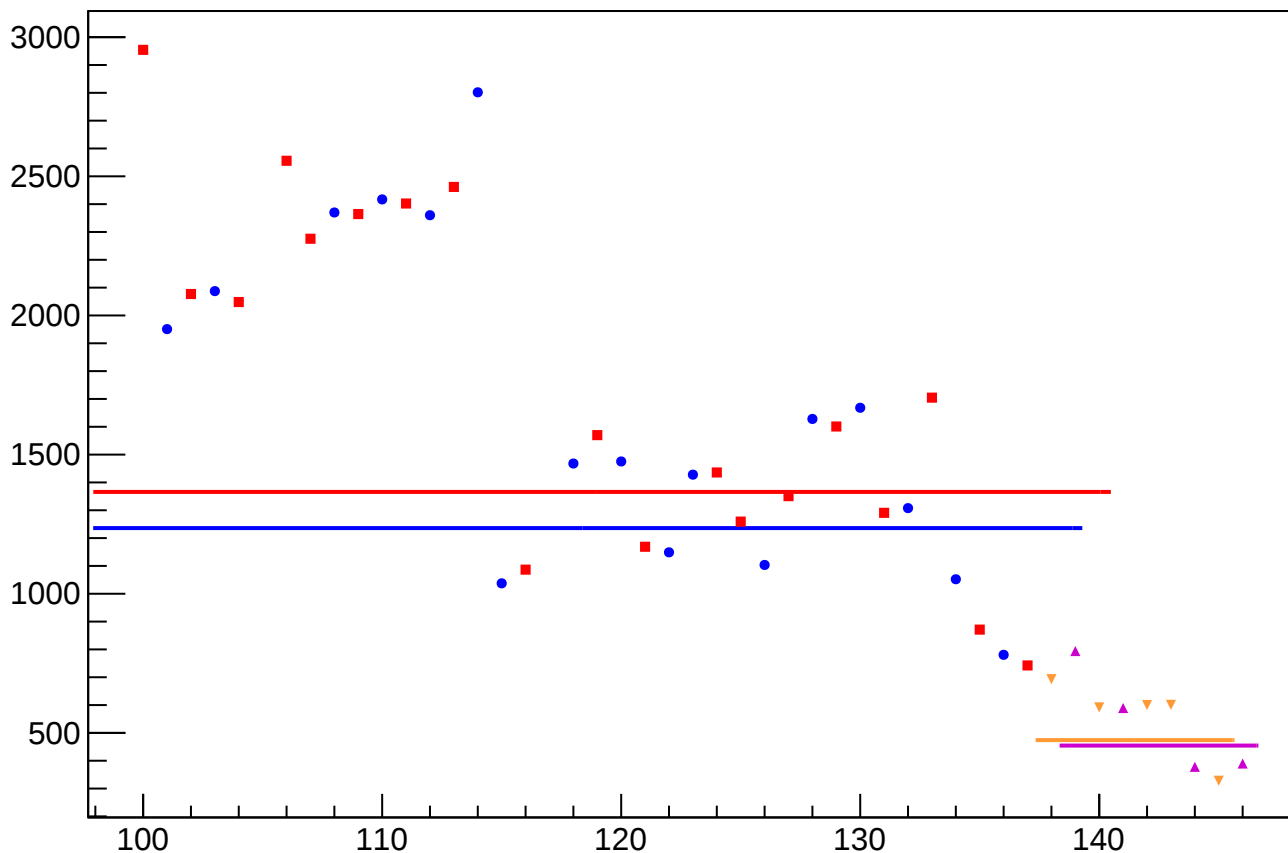
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 476.069+/-234.925 χ^2/NDF : 21.5/20

Out: 245.755+/-240.700 χ^2/NDF : 22.1/23

All: 363.708+/-168.122 χ^2/NDF : 44.0/44

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: 454.462+/-0.187 χ^2/NDF : 485401.1/3

Left: 464.131+/-0.133 χ^2/NDF : 1094607.9/8

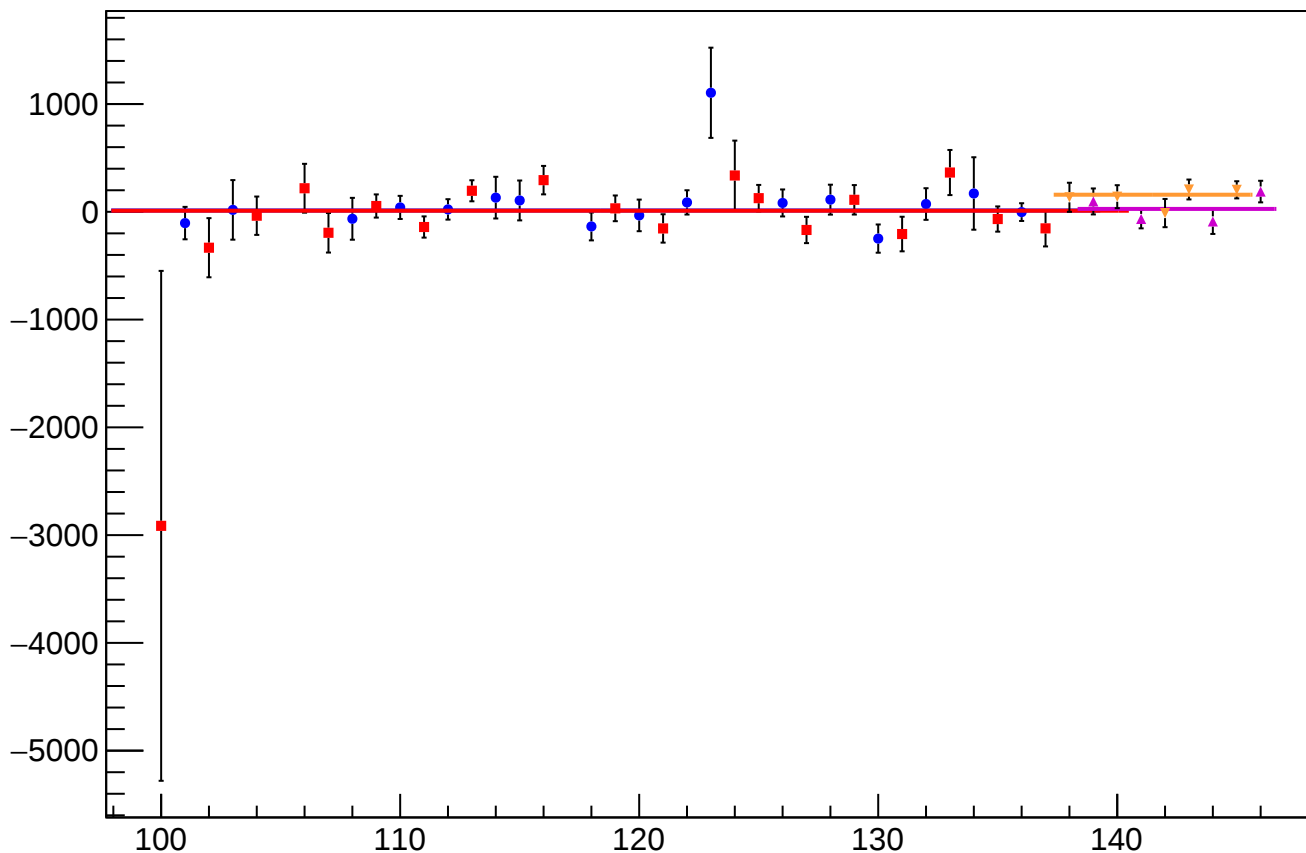
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 617.855+/-0.166 χ^2/NDF : 5890899.9/20

Out: 646.443+/-0.170 χ^2/NDF : 6634784.2/23

All: 631.802+/-0.119 χ^2/NDF : 12540132.8/44

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 158.659+/-45.829 χ^2/NDF : 2.4/4

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 26.871+/-51.732 χ^2/NDF : 5.0/3

Left: 100.710+/-34.304 χ^2/NDF : 11.0/8

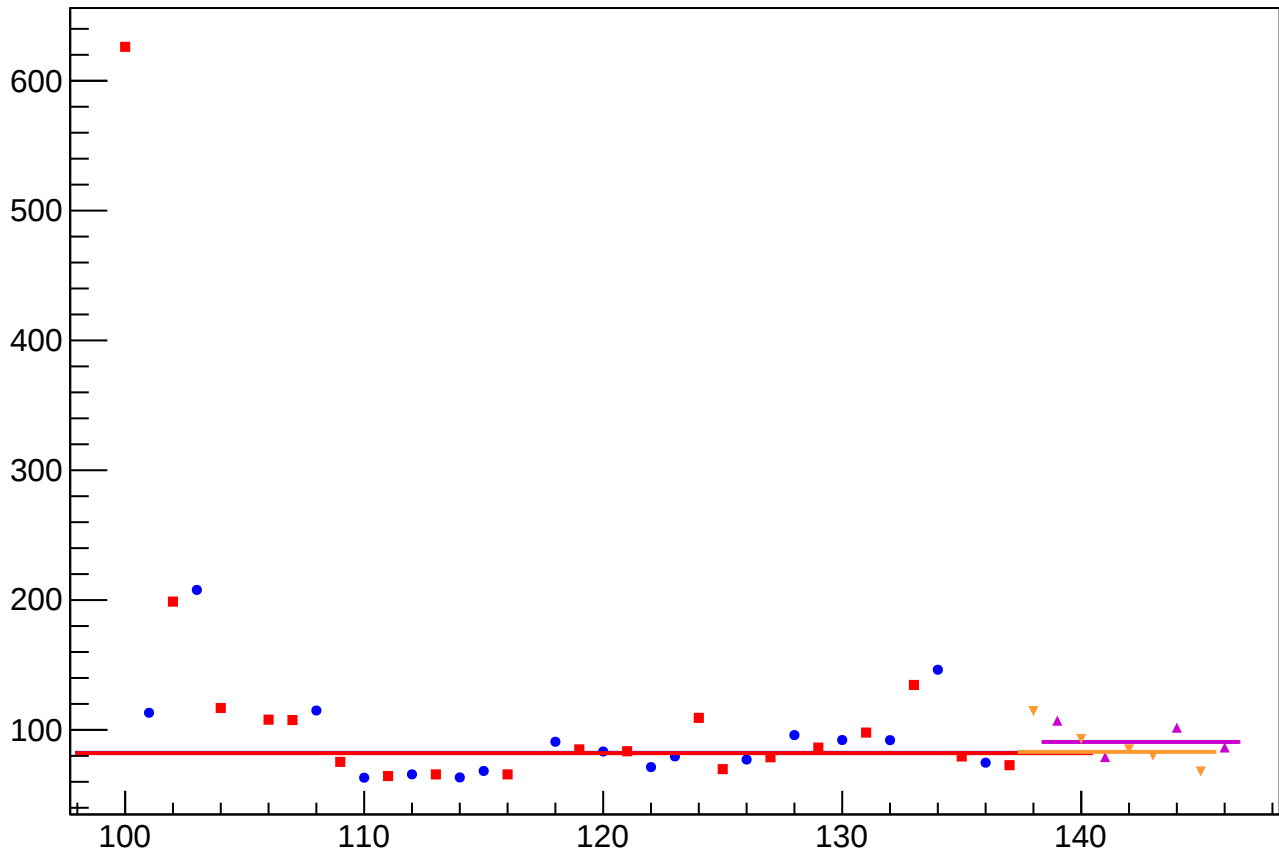
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 16.562+/-27.958 χ^2/NDF : 20.5/20

Out: 59.978+/-26.566 χ^2/NDF : 37.6/23

All: 39.377+/-19.258 χ^2/NDF : 59.3/44

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: 90.709 $\pm$ 0.037 χ^2 /NDF: 94073.4/3

Left: 86.427 $\pm$ 0.024 χ^2 /NDF: 319352.2/8

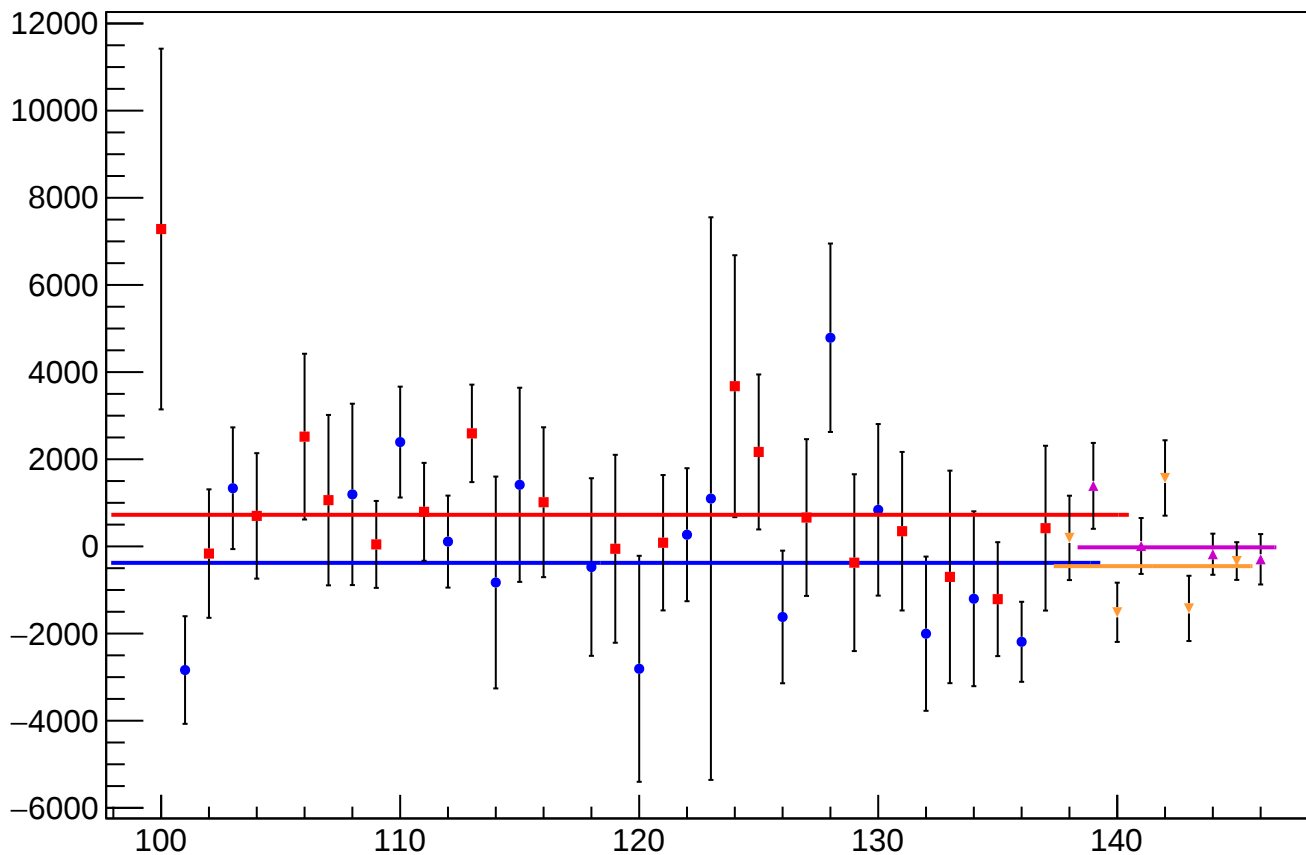
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 84.760 $\pm$ 0.020 χ^2 /NDF: 1000178.0/20

Out: 82.418 $\pm$ 0.019 χ^2 /NDF: 1160422.2/23

All: 83.529 $\pm$ 0.014 χ^2 /NDF: 2167975.4/44

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -453.059 ± 292.465 $\chi^2/\text{NDF}: 10.1/4$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: -21.507 ± 302.337 $\chi^2/\text{NDF}: 2.4/3$

Left: -244.444 ± 210.207 $\chi^2/\text{NDF}: 13.5/8$

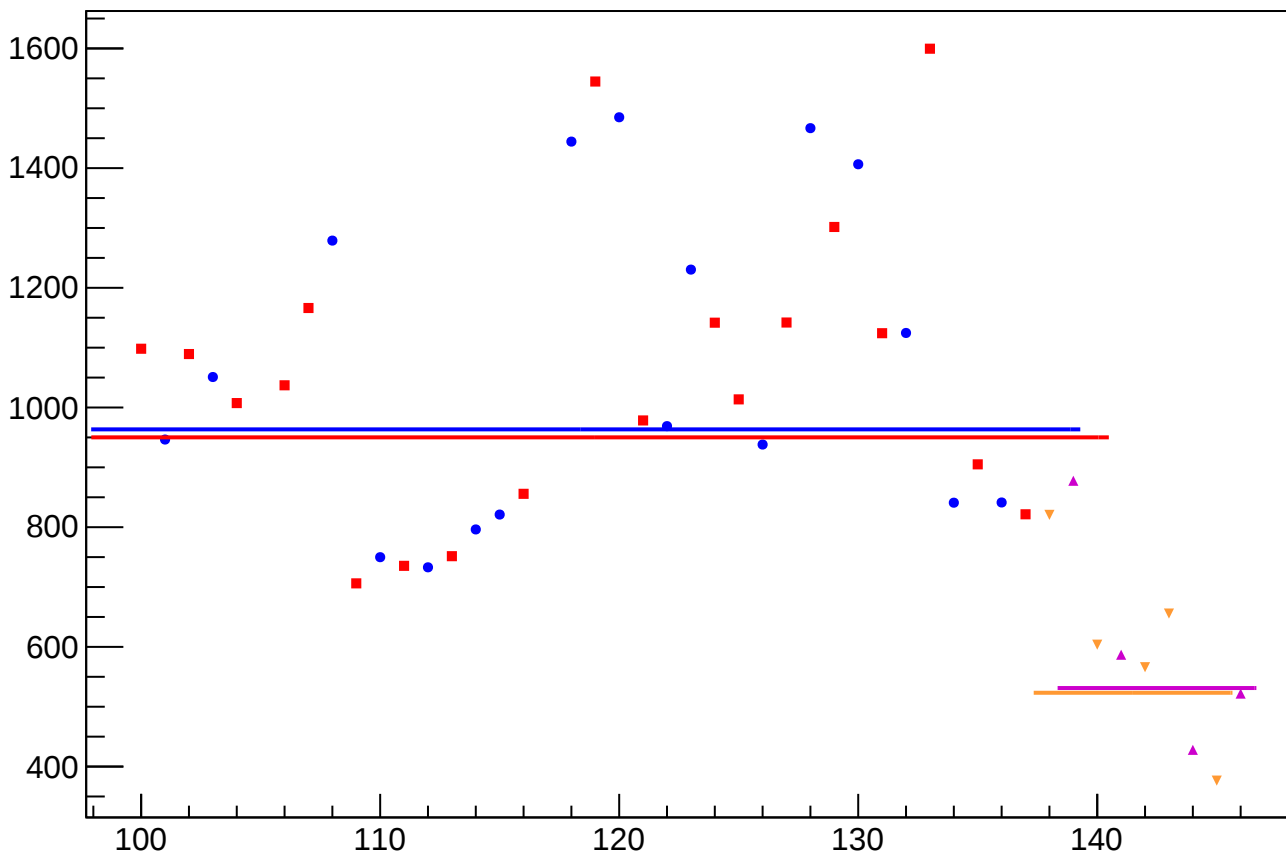
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -157.718 ± 237.522 $\chi^2/\text{NDF}: 27.4/20$

Out: 4.321 ± 228.763 $\chi^2/\text{NDF}: 28.3/23$

All: -73.655 ± 164.769 $\chi^2/\text{NDF}: 55.9/44$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 523.336+/-0.207 χ^2/NDF : 514139.7/4

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 531.242+/-0.214 χ^2/NDF : 358323.7/3

Left: 527.158+/-0.149 χ^2/NDF : 873169.8/8

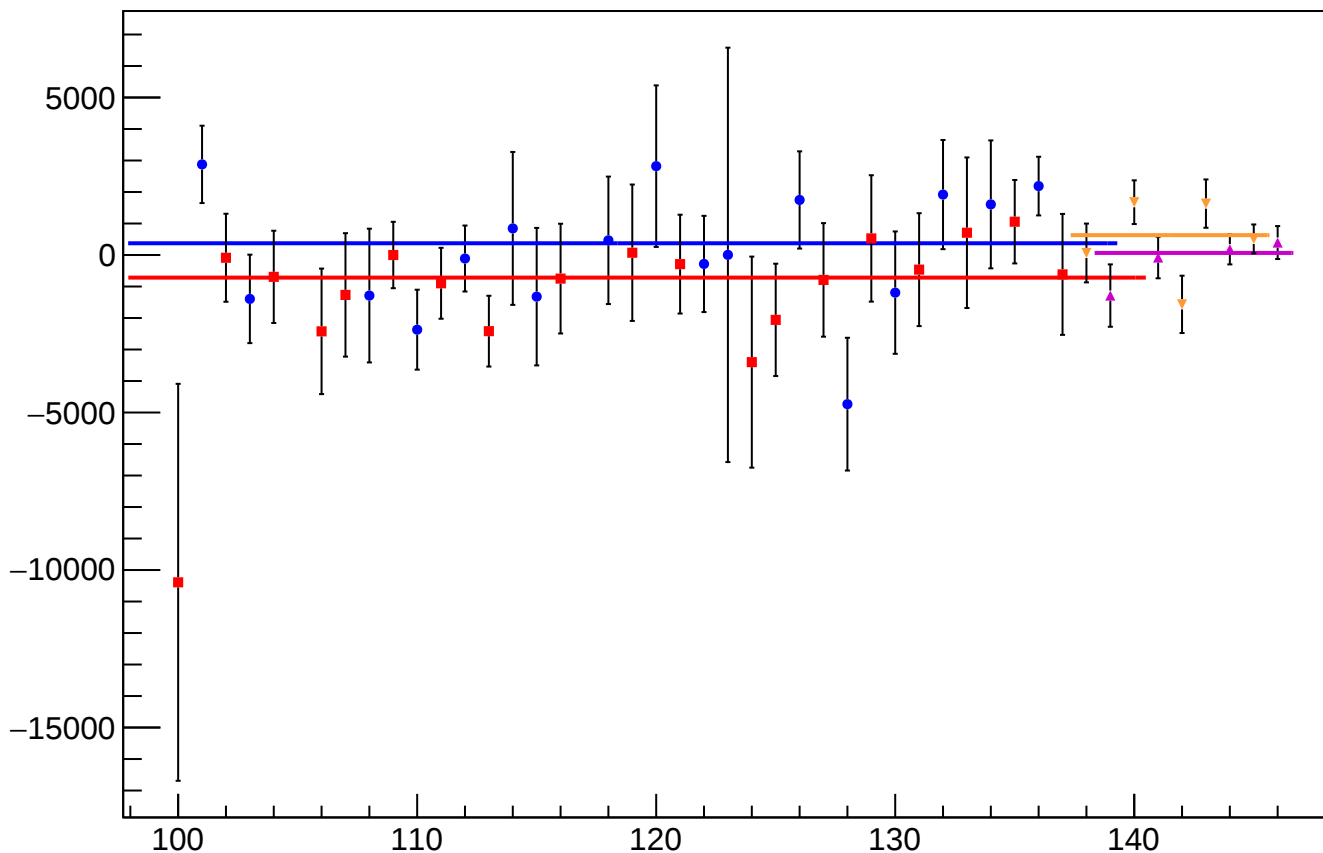
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 696.700+/-0.168 χ^2/NDF : 2611953.5/20

Out: 689.006+/-0.162 χ^2/NDF : 2899341.7/23

All: 692.709+/-0.117 χ^2/NDF : 5512383.9/44

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 630.797 $\pm$ 303.157 χ^2 /NDF:10.2/4

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: 65.853 $\pm$ 297.896 χ^2 /NDF:2.4/3

Left: 343.380 $\pm$ 212.480 χ^2 /NDF: 14.4/8

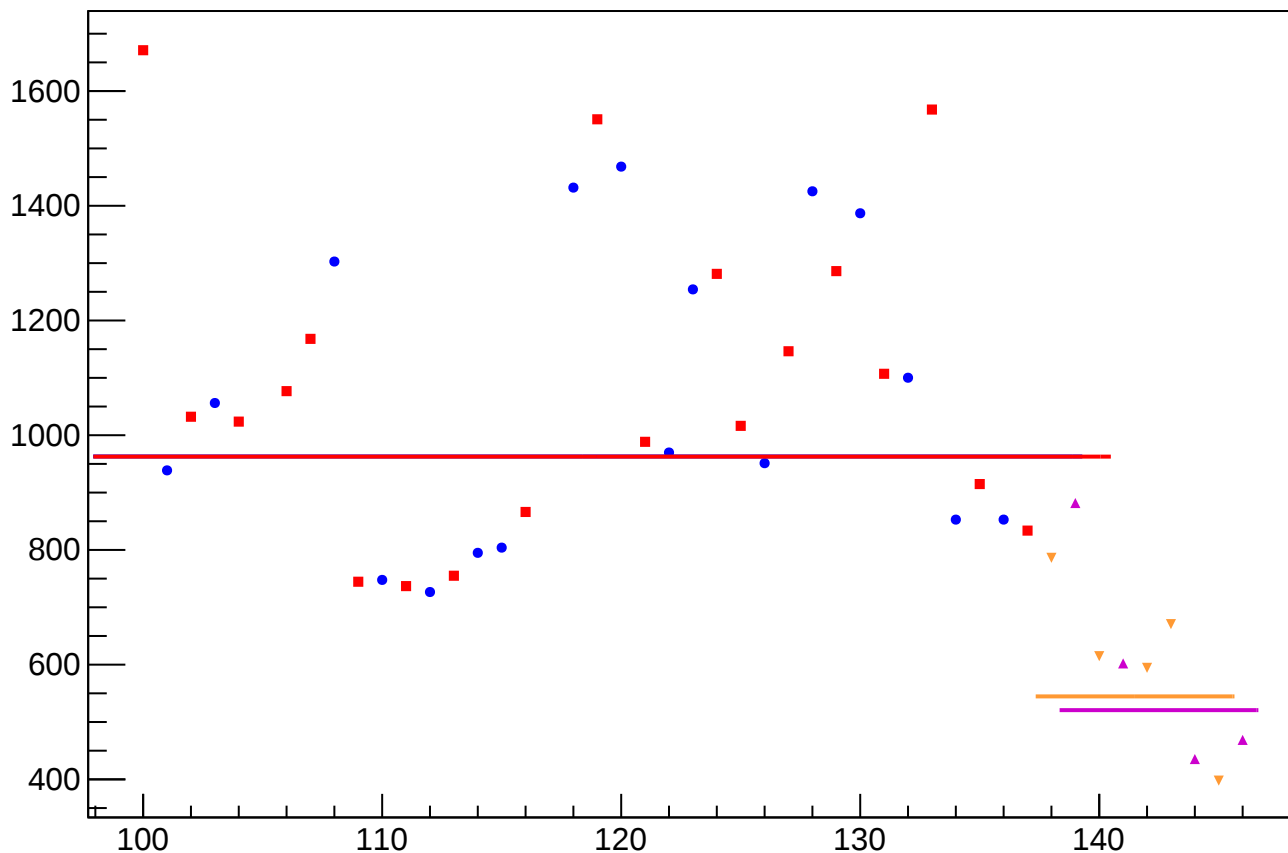
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 181.339 $\pm$ 235.296 χ^2 /NDF:28.0/20

Out: 92.350 $\pm$ 234.945 χ^2 /NDF:28.3/23

All: 136.779 $\pm$ 166.255 χ^2 /NDF: 56.4/44

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: 520.699+/-0.211 χ^2/NDF : 378601.0/3

Left: 532.465+/-0.150 χ^2/NDF : 804130.7/8

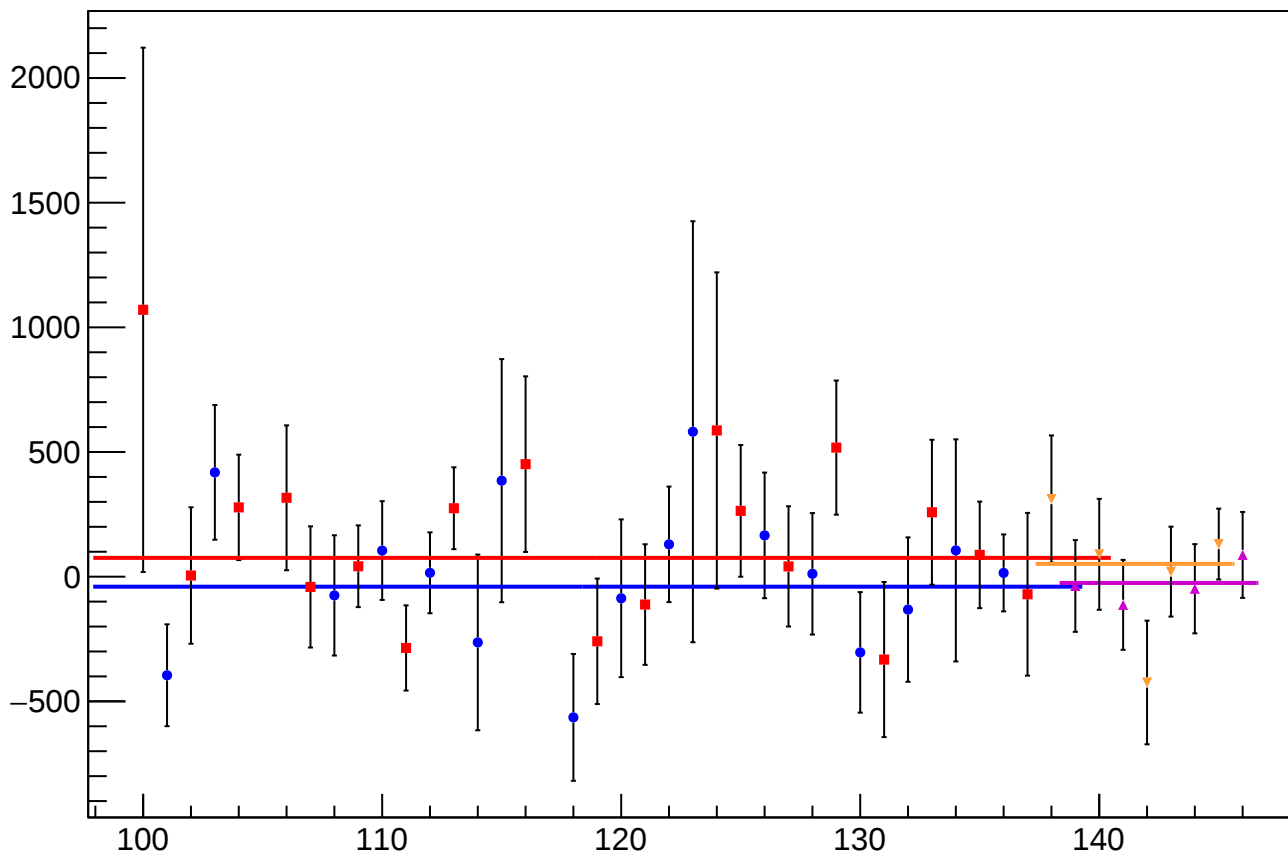
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 687.048+/-0.166 χ^2/NDF : 2704221.2/20

Out: 711.608+/-0.166 χ^2/NDF : 2634450.3/23

All: 699.346+/-0.118 χ^2/NDF : 5349583.0/44

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 51.421 ± 86.983 χ^2/NDF : 5.1/4

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: -25.161 ± 89.385 χ^2/NDF : 0.7/3

Left: 14.173 ± 62.338 χ^2/NDF : 6.1/8

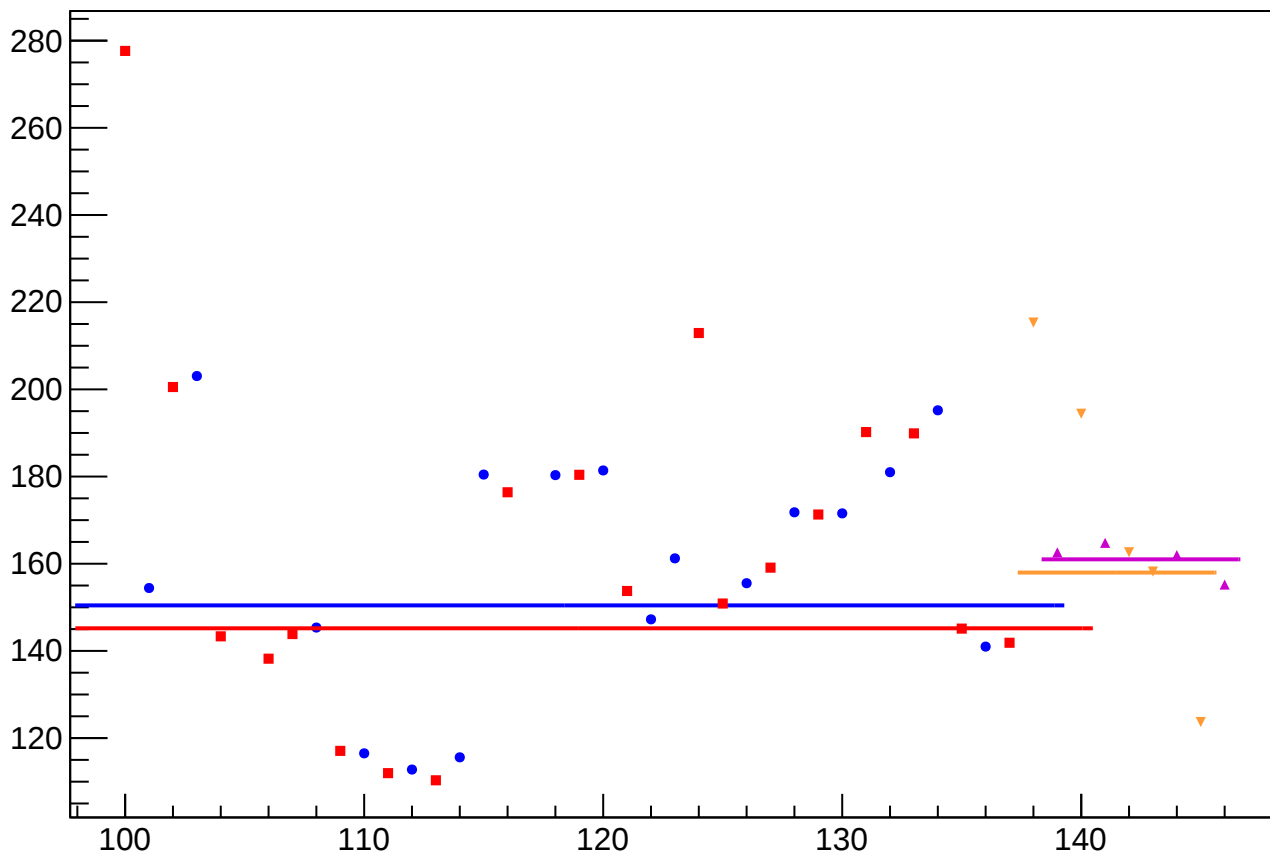
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: -35.554 ± 49.389 χ^2/NDF : 16.0/20

Out: 68.375 ± 47.224 χ^2/NDF : 23.6/23

All: 18.738 ± 34.132 χ^2/NDF : 42.0/44

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: 161.005 $\pm$ 0.063 χ^2 /NDF: 3347.6/3

Left: 159.450 $\pm$ 0.044 χ^2 /NDF: 276508.9/8

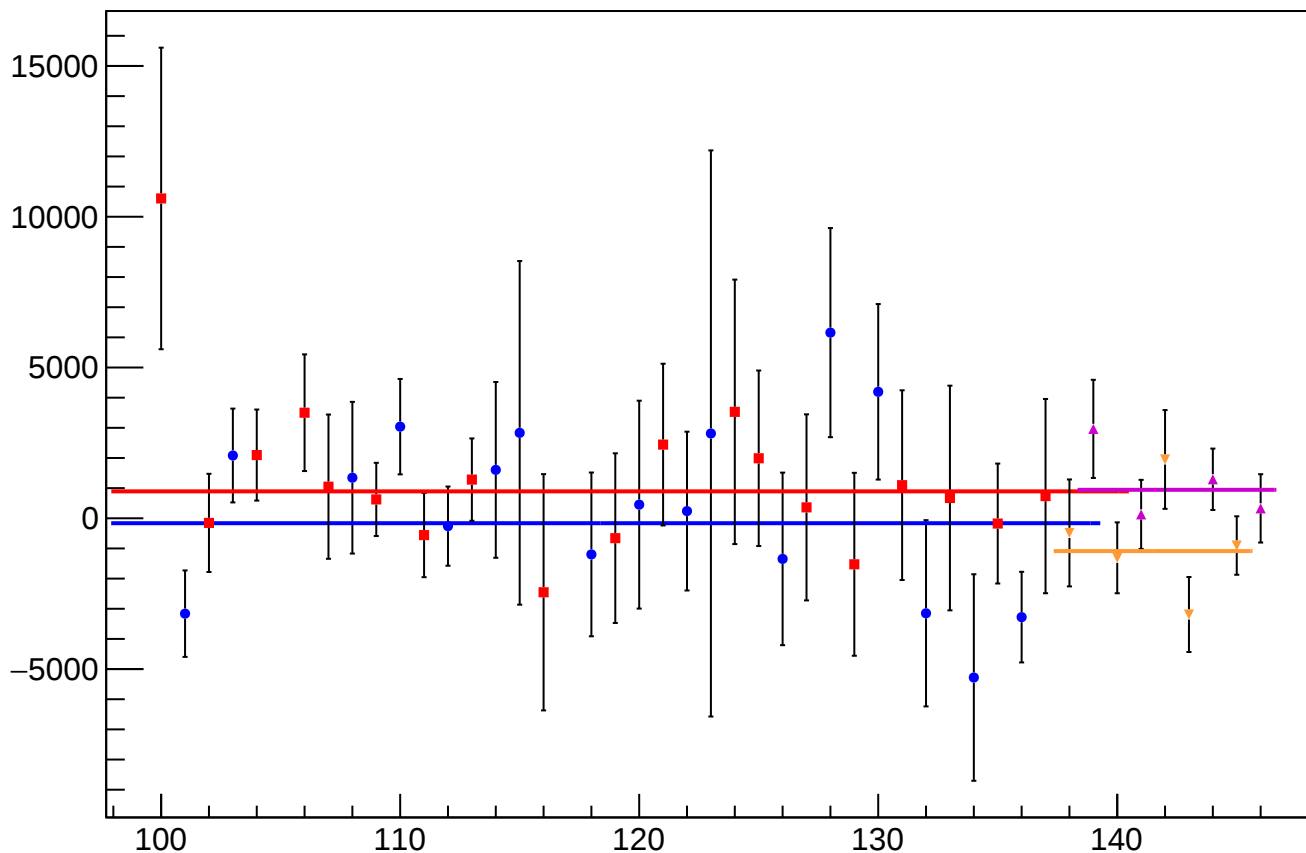
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 153.667 $\pm$ 0.035 χ^2 /NDF: 422874.7/20

Out: 148.957 $\pm$ 0.033 χ^2 /NDF: 838170.6/23

All: 151.206 $\pm$ 0.024 χ^2 /NDF: 1270547.9/44

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1087.232 ± 565.626 χ^2/NDF : 6.5/4

Right Out: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 944.573 ± 588.803 χ^2/NDF : 2.5/3

Left: -112.105 ± 407.906 χ^2/NDF : 15.1/8

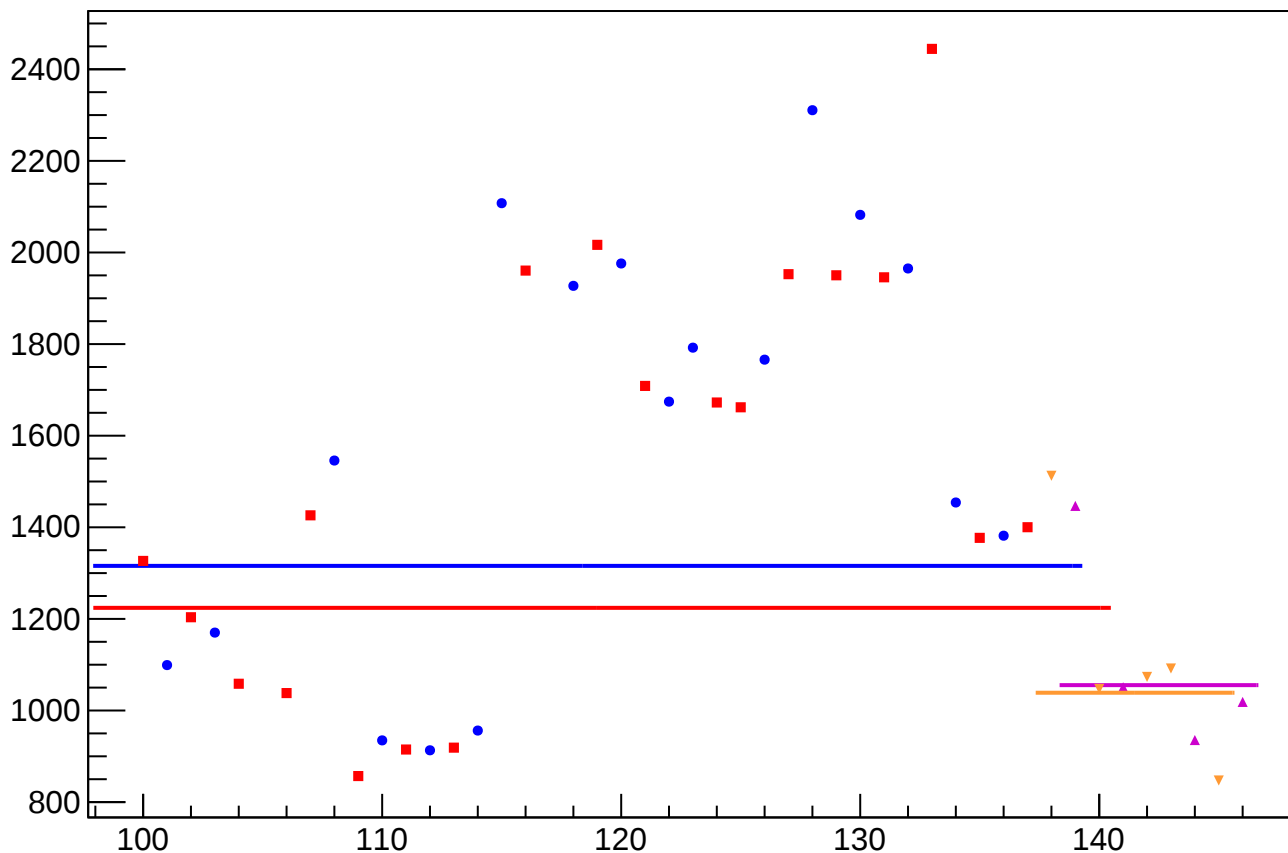
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 336.103 ± 395.214 χ^2/NDF : 29.5/20

Out: 55.391 ± 367.885 χ^2/NDF : 24.3/23

All: 185.706 ± 269.278 χ^2/NDF : 54.0/44

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1038.810+/-0.400 χ^2/NDF : 225509.2/4

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1055.401+/-0.416 χ^2/NDF : 145530.1/3

Left: 1046.773+/-0.288 χ^2/NDF : 371865.2/8

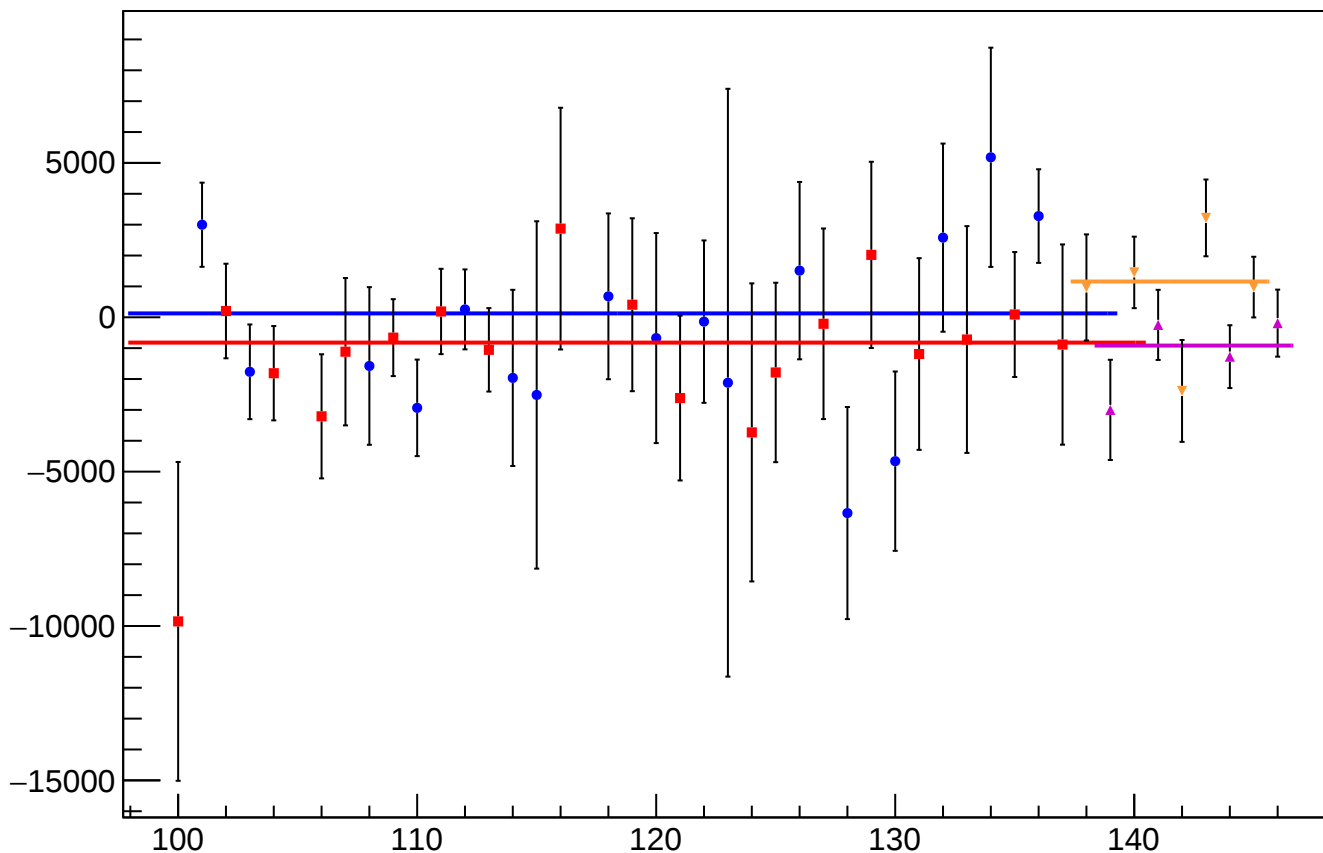
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1198.474+/-0.279 χ^2/NDF : 1478787.1/20

Out: 1145.746+/-0.260 χ^2/NDF : 1713309.6/23

All: 1170.224+/-0.190 χ^2/NDF : 3211169.8/44

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: -916.865 $\pm$ 580.422 χ^2 /NDF: 2.6/3

Left: 148.709 $\pm$ 404.819 χ^2 /NDF: 16.6/8

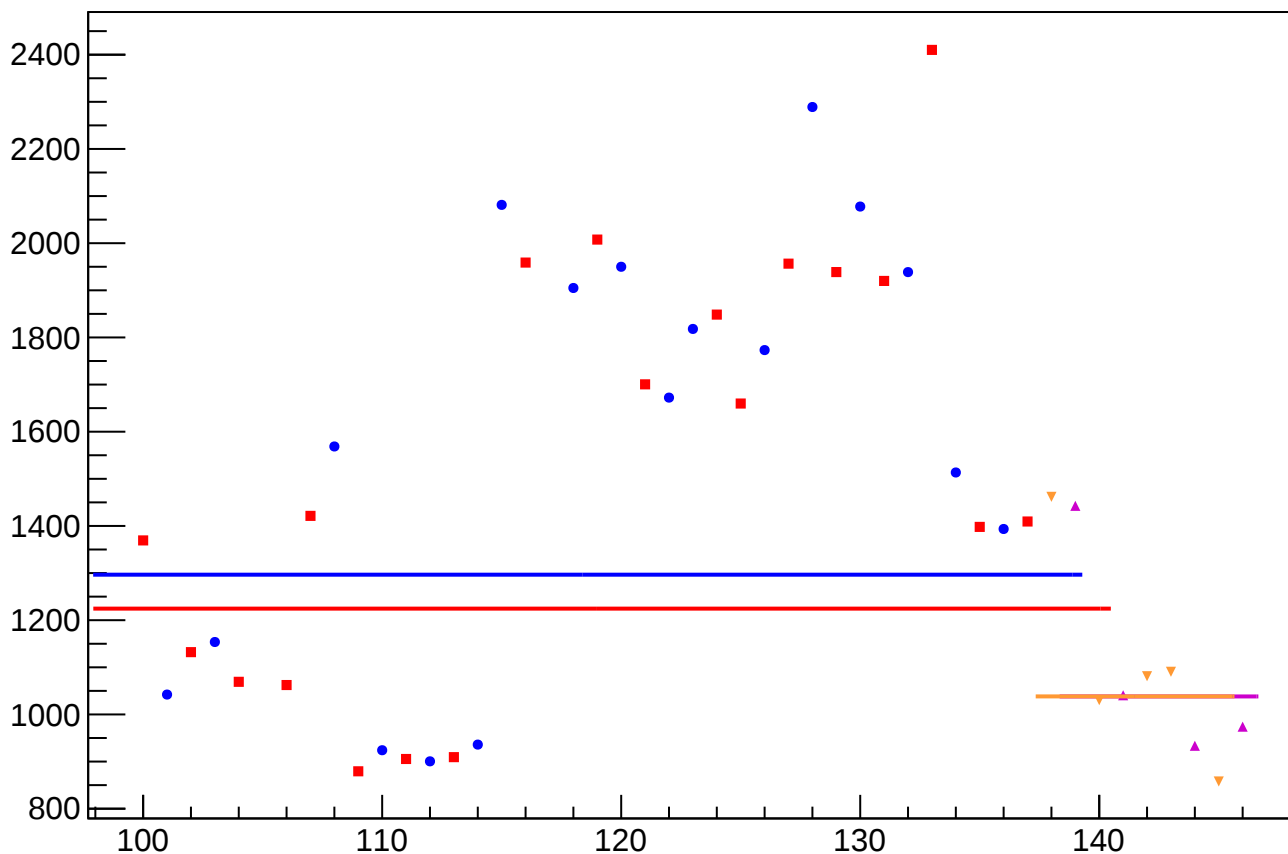
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -345.388 $\pm$ 390.087 χ^2 /NDF: 29.0/20

Out: 18.557 $\pm$ 367.831 χ^2 /NDF: 23.6/23

All: -152.738 $\pm$ 267.618 χ^2 /NDF: 53.1/44

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1038.279+/-0.399 χ^2/NDF : 193844.6/4

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1038.199+/-0.410 χ^2/NDF : 152297.4/3

Left: 1038.240+/-0.286 χ^2/NDF : 346142.0/8

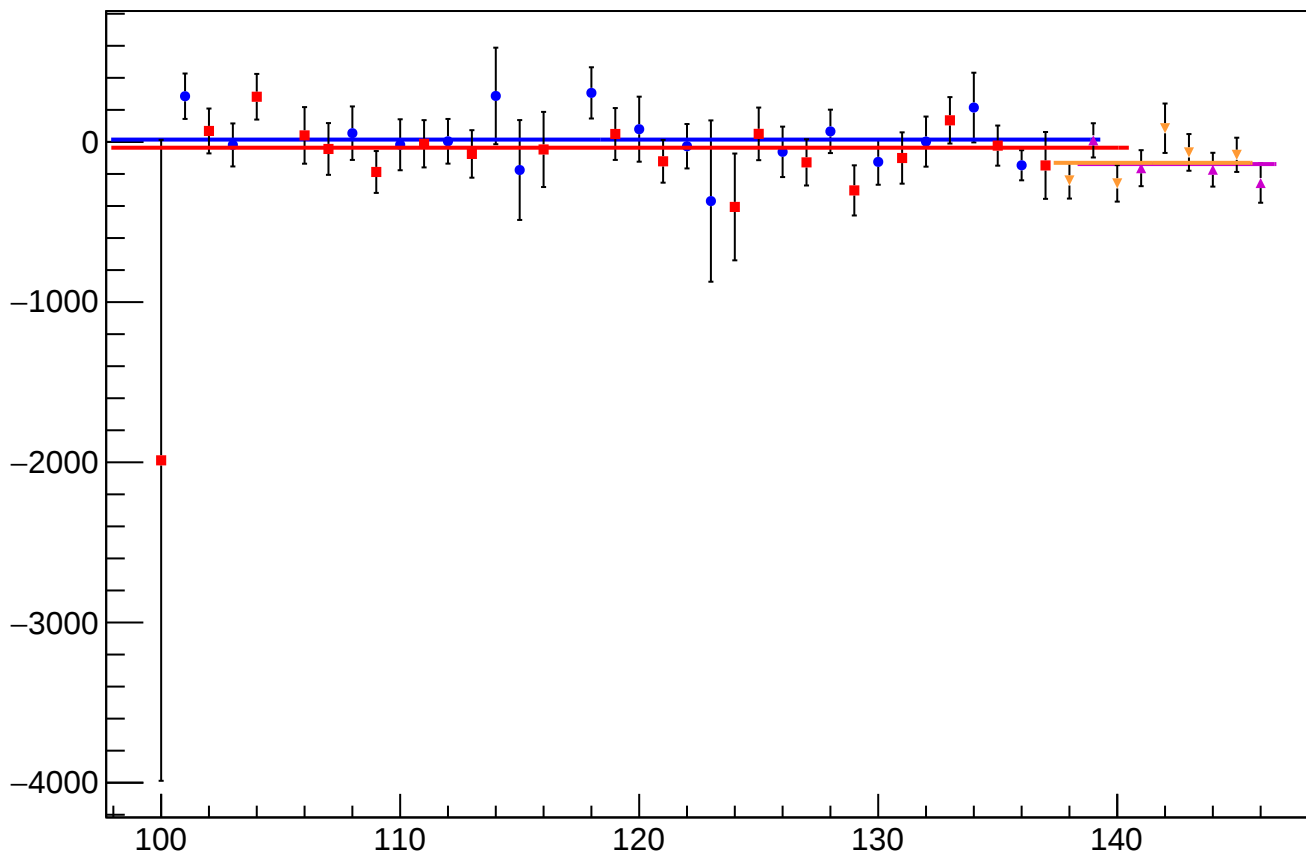
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1179.870+/-0.276 χ^2/NDF : 1545068.2/20

Out: 1145.578+/-0.260 χ^2/NDF : 1667393.4/23

All: 1161.718+/-0.189 χ^2/NDF : 3220642.9/44

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: -138.321 ± 55.700 $\chi^2/\text{NDF}: 3.0/3$

Left: -134.206 ± 38.262 $\chi^2/\text{NDF}: 7.7/8$

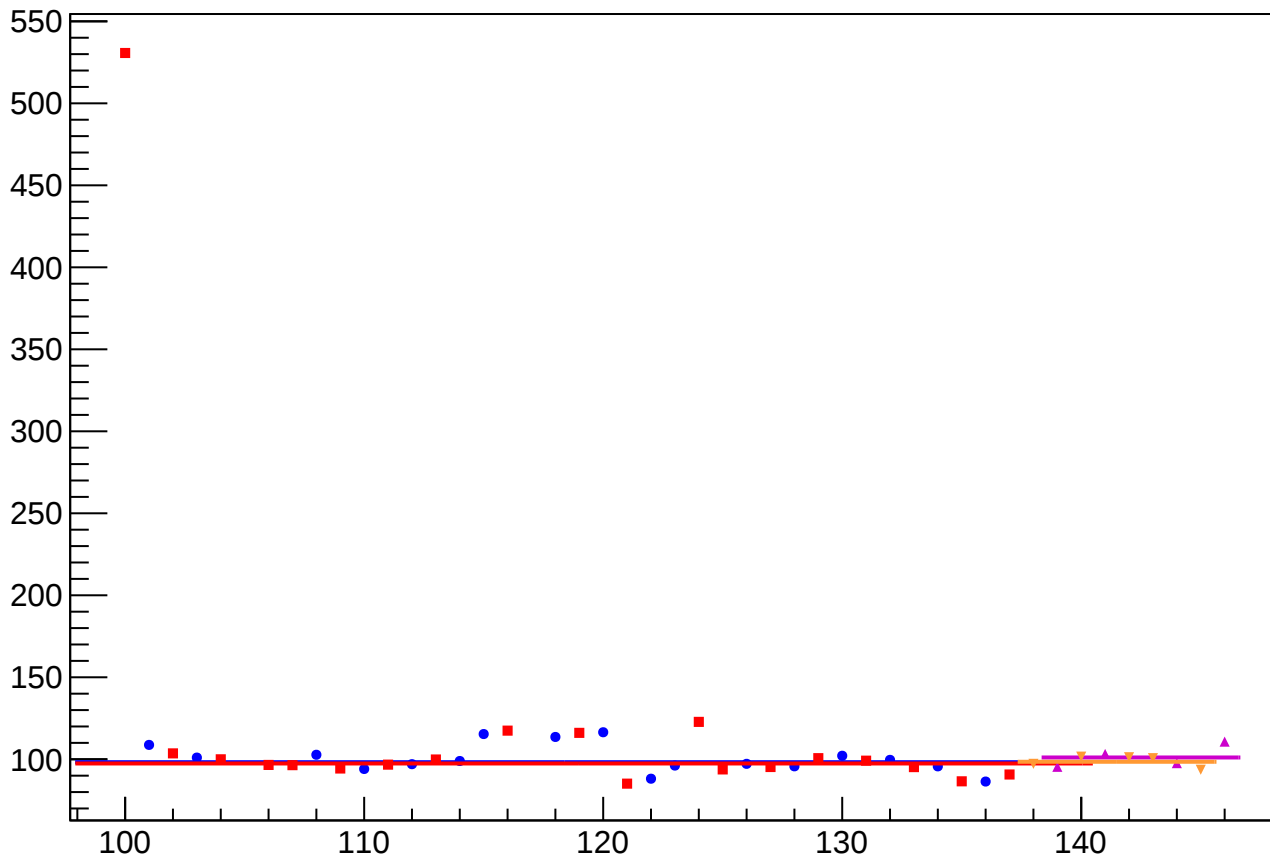
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -34.014 ± 31.400 $\chi^2/\text{NDF}: 22.3/20$

Out: -67.024 ± 30.120 $\chi^2/\text{NDF}: 22.3/23$

All: -51.206 ± 21.736 $\chi^2/\text{NDF}: 45.2/44$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 98.480 $\pm$ 0.037 χ^2 /NDF: 7259.5/4

Right Out: 97.436 $\pm$ 0.026 χ^2 /NDF: 190066.6/18

Left In: 101.093 $\pm$ 0.039 χ^2 /NDF: 20846.8/3

Left: 99.713 $\pm$ 0.027 χ^2 /NDF: 30431.7/8

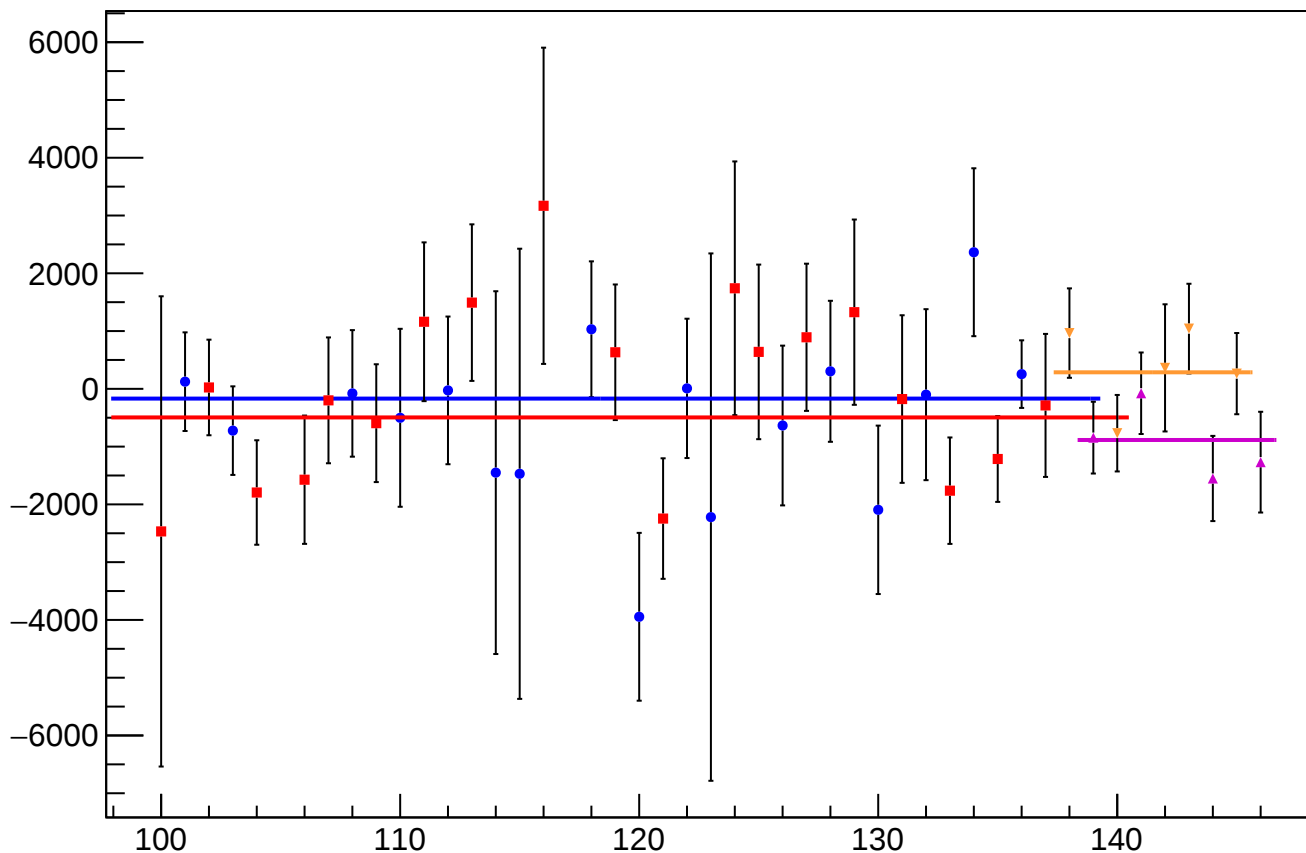
Right: 97.814 $\pm$ 0.019 χ^2 /NDF: 291015.4/35

In: 99.132 $\pm$ 0.022 χ^2 /NDF: 124990.2/20

Out: 97.778 $\pm$ 0.021 χ^2 /NDF: 197854.3/23

All: 98.427 $\pm$ 0.015 χ^2 /NDF: 324783.0/44

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: -885.312 ± 359.089 $\chi^2/\text{NDF}: 2.3/3$

Left: -274.224 ± 248.350 $\chi^2/\text{NDF}: 12.1/8$

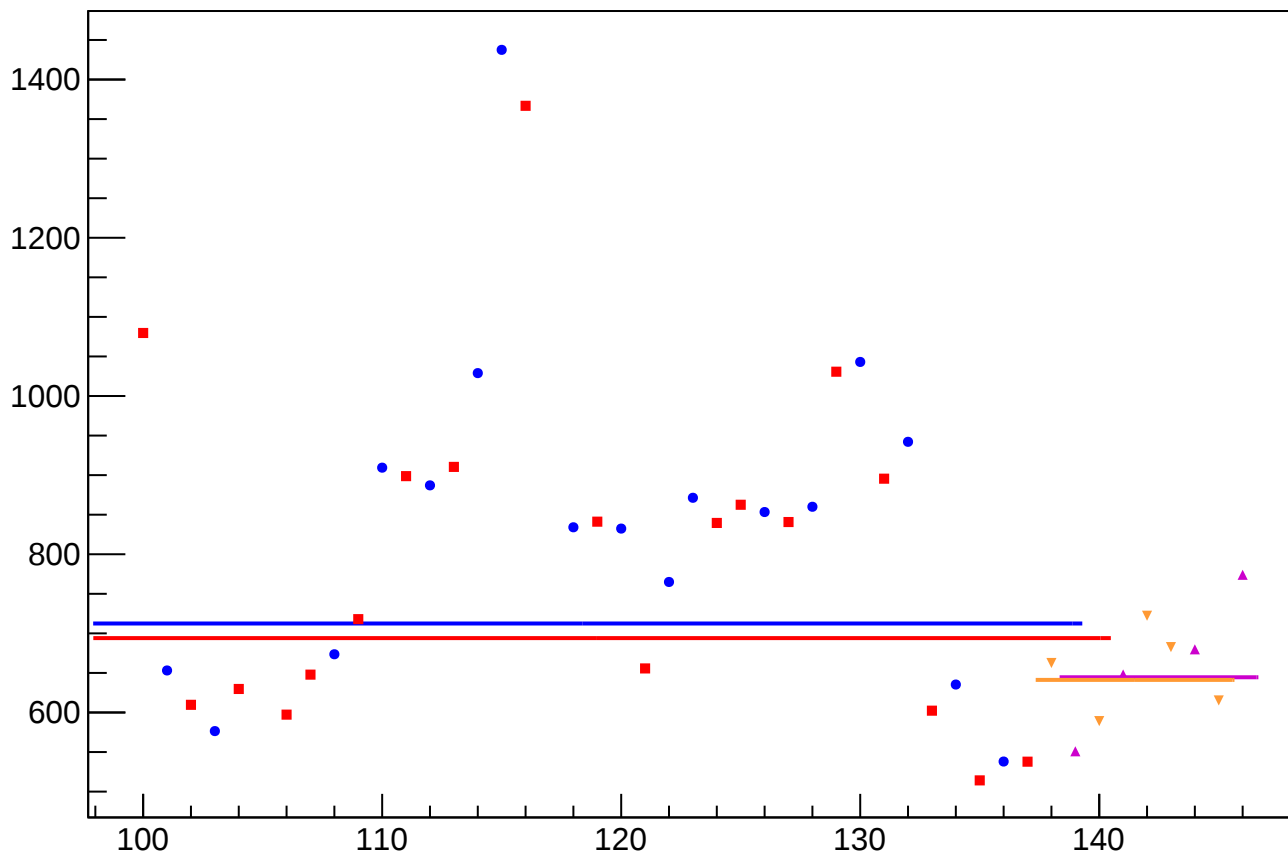
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -442.341 ± 221.871 $\chi^2/\text{NDF}: 19.4/20$

Out: -200.516 ± 211.098 $\chi^2/\text{NDF}: 27.3/23$

All: -315.416 ± 152.936 $\chi^2/\text{NDF}: 47.3/44$

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: 644.509+/-0.254 χ^2/NDF : 94154.6/3

Left: 642.779+/-0.176 χ^2/NDF : 127430.2/8

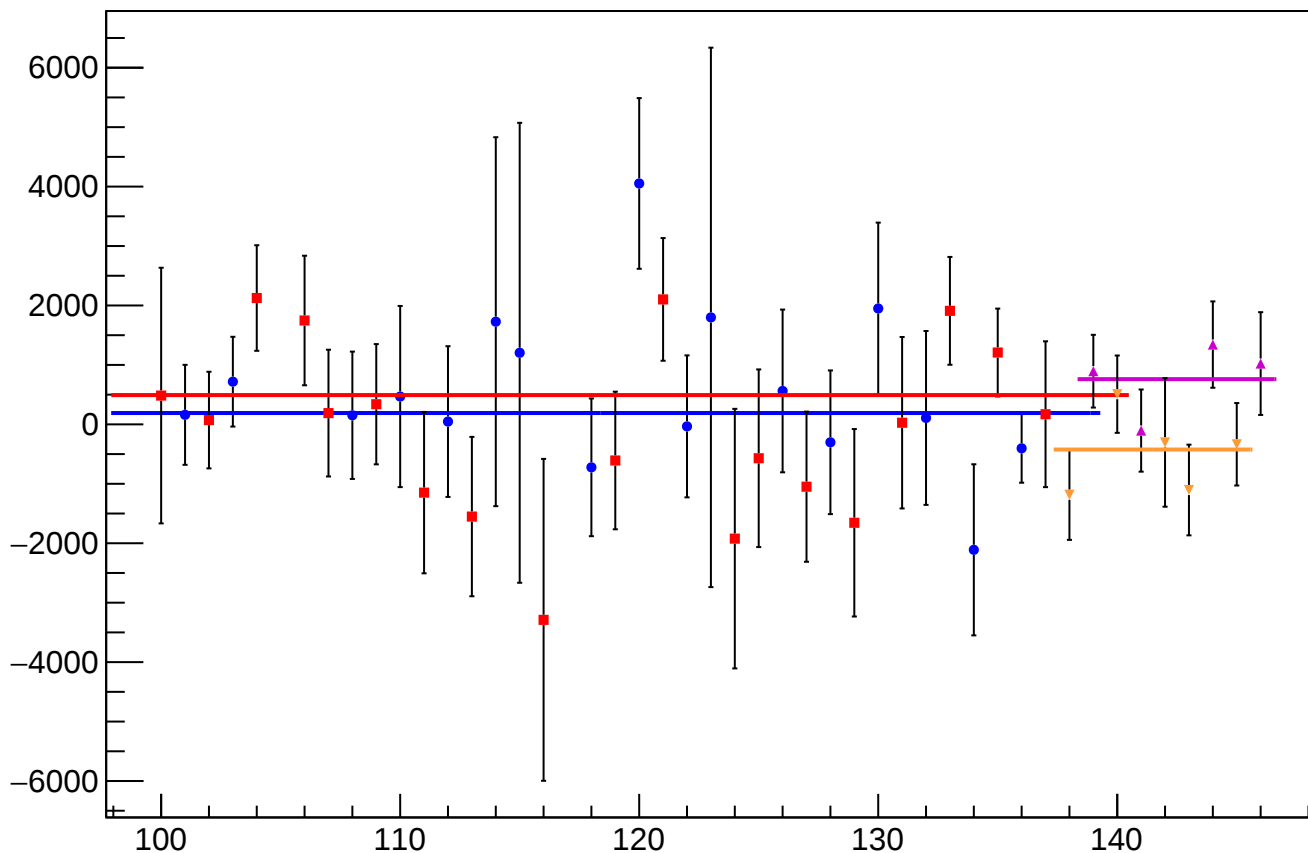
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 686.528+/-0.157 χ^2/NDF : 798972.7/20

Out: 674.106+/-0.149 χ^2/NDF : 737583.3/23

All: 680.008+/-0.108 χ^2/NDF : 1539846.7/44

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: 760.602 $\pm$ 353.558 χ^2 /NDF:2.3/3

Left: 142.195 $\pm$ 244.353 χ^2 /NDF: 12.1/8

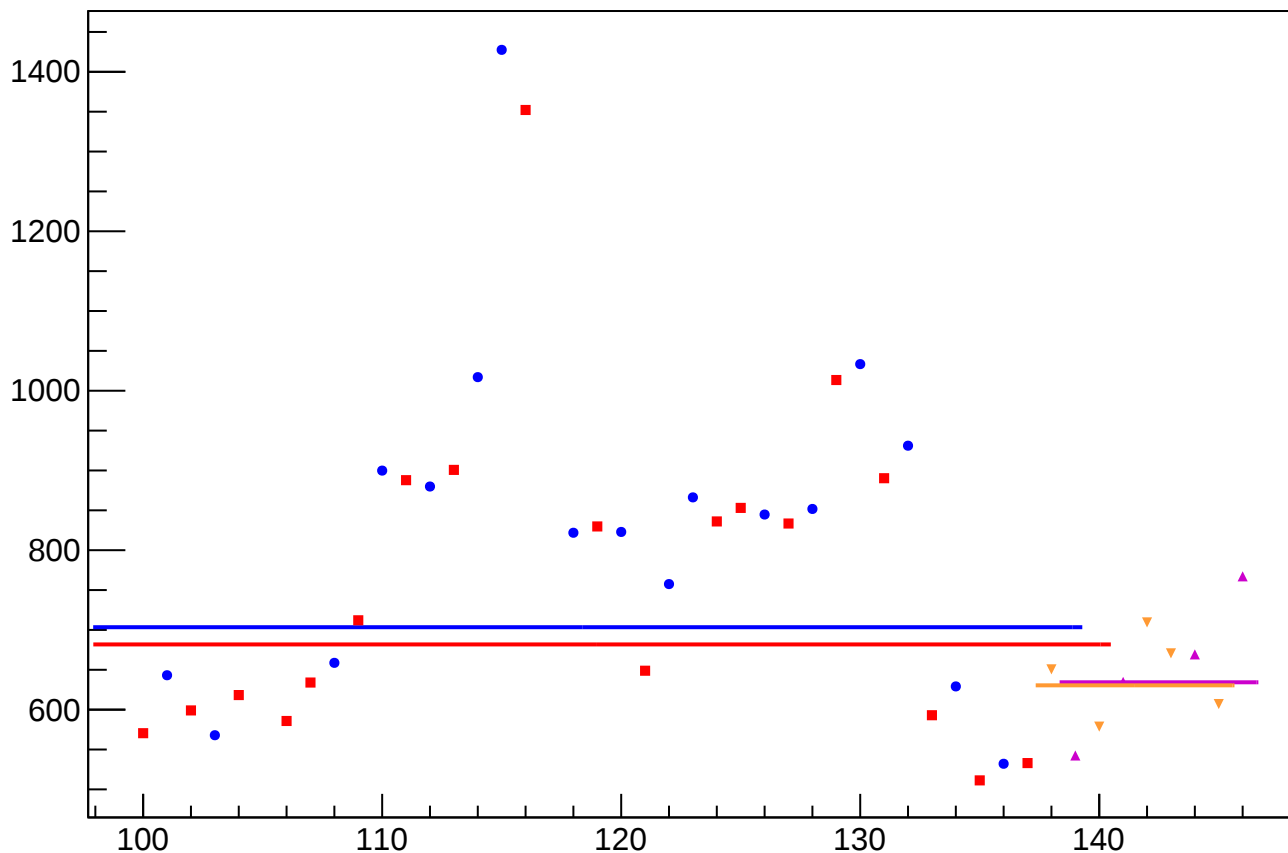
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 409.190 $\pm$ 218.860 χ^2 /NDF:18.2/20

Out: 147.927 $\pm$ 207.416 χ^2 /NDF:31.2/23

All: 271.550 $\pm$ 150.548 χ^2 /NDF: 50.1/44

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 630.502 $\pm$ 0.239 χ^2/NDF : 32550.2/4

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 634.316 $\pm$ 0.250 χ^2/NDF : 96956.9/3

Left: 632.324 $\pm$ 0.173 χ^2/NDF : 129628.7/8

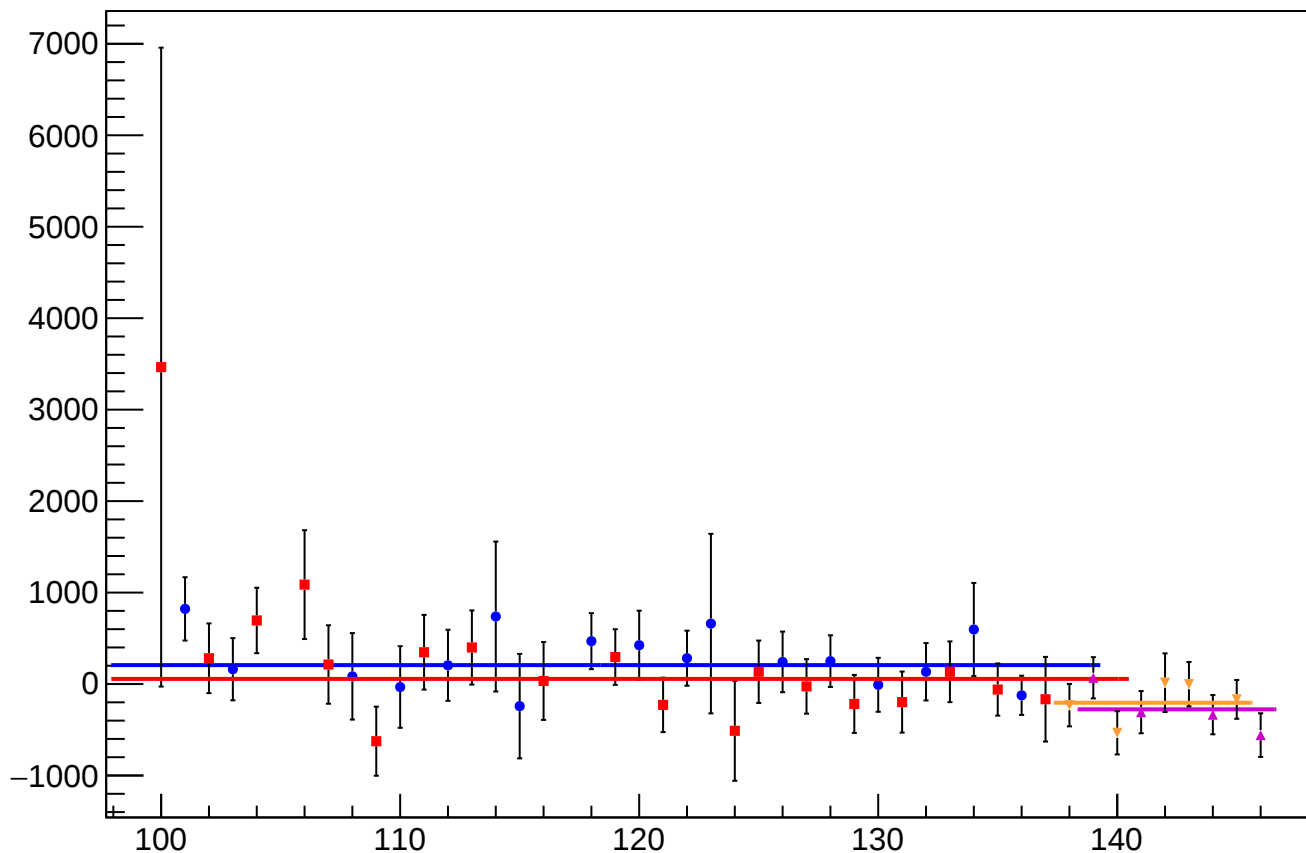
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 676.932 $\pm$ 0.155 χ^2/NDF : 810949.9/20

Out: 662.498 $\pm$ 0.147 χ^2/NDF : 726069.0/23

All: 669.328 $\pm$ 0.106 χ^2/NDF : 1541601.8/44

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: -276.690 ± 113.455 $\chi^2/\text{NDF}: 3.8/3$

Left: -238.834 ± 78.287 $\chi^2/\text{NDF}: 7.2/8$

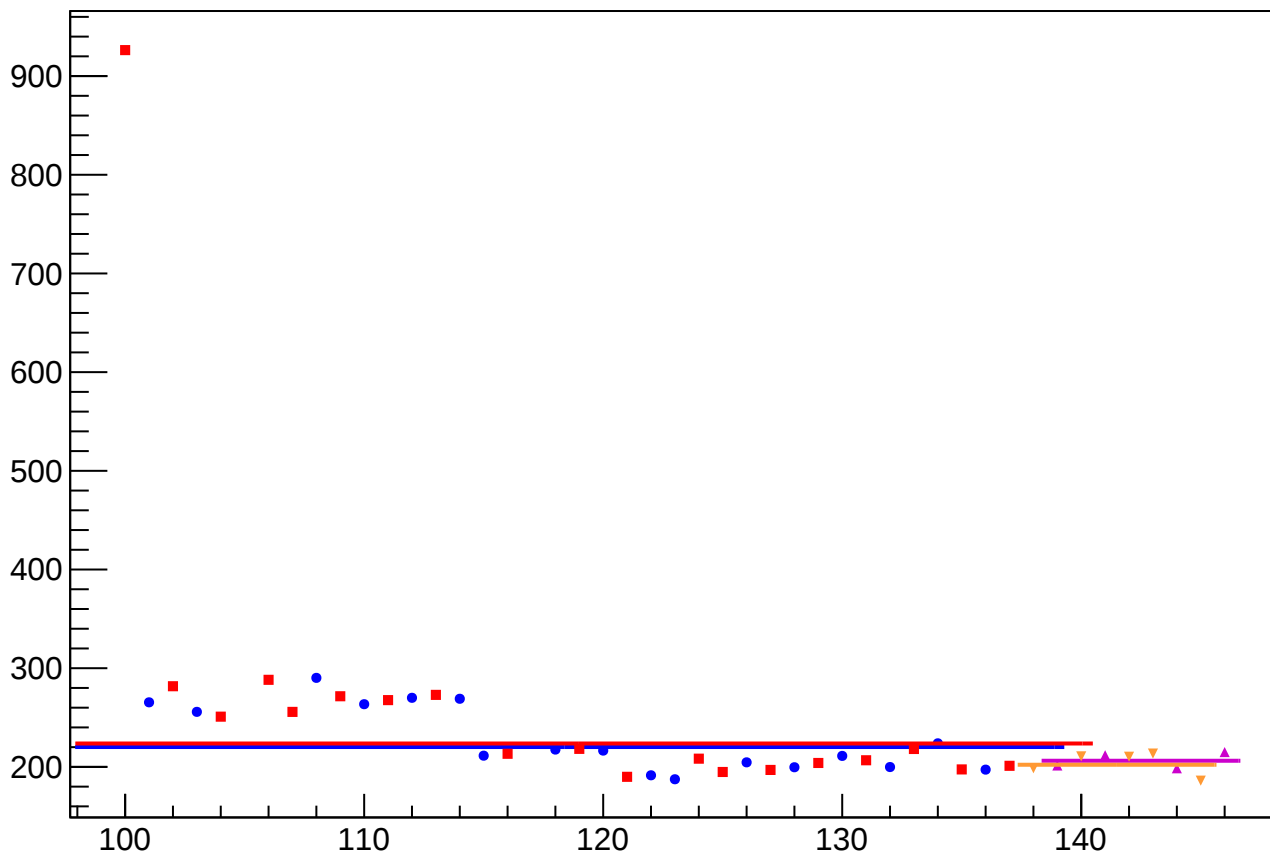
Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$

In: 31.378 ± 68.349 $\chi^2/\text{NDF}: 24.9/20$

Out: -43.536 ± 66.914 $\chi^2/\text{NDF}: 23.4/23$

All: -6.874 ± 47.814 $\chi^2/\text{NDF}: 48.8/44$

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: 206.223+/-0.080 χ^2/NDF : 7319.2/3

Left: 204.100+/-0.055 χ^2/NDF : 28915.5/8

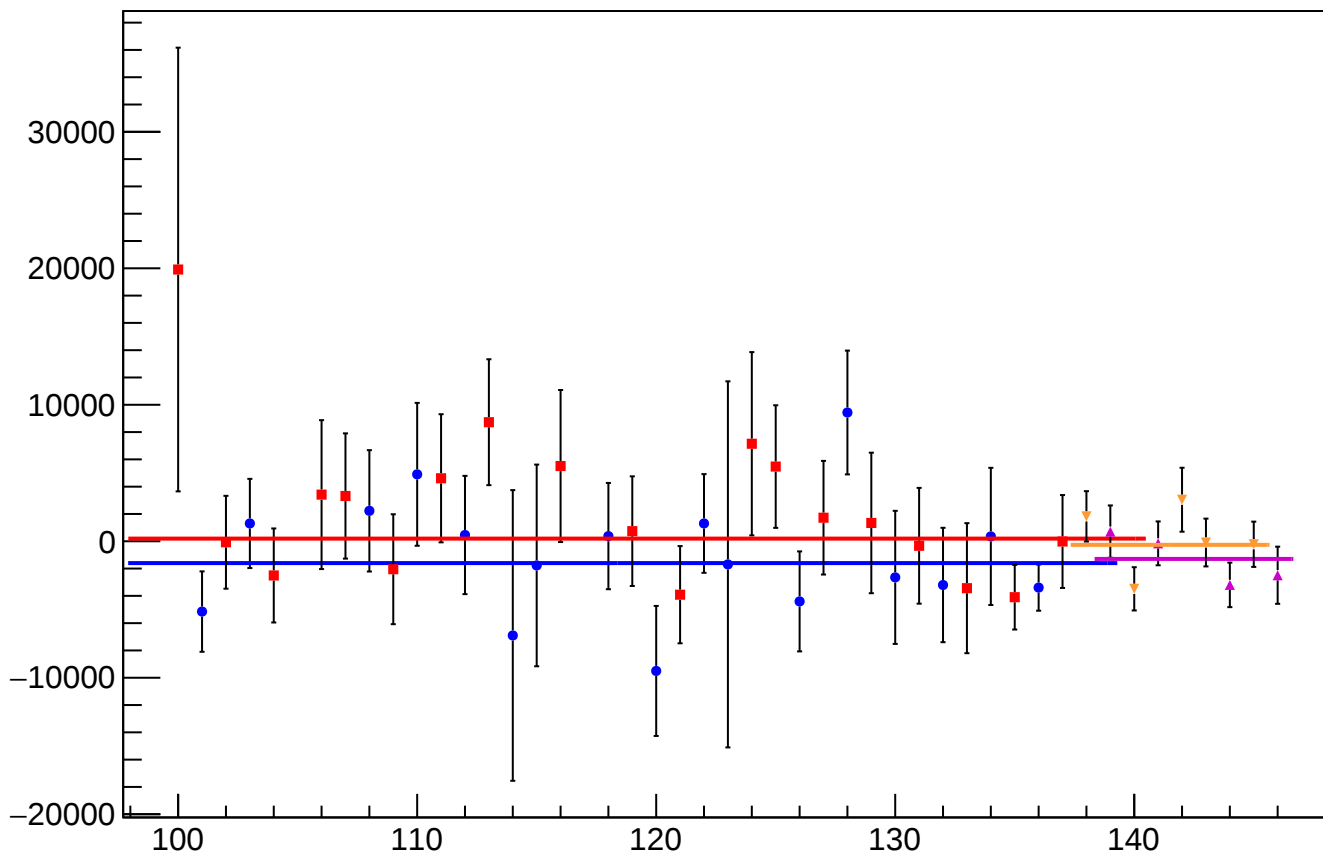
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 215.084+/-0.048 χ^2/NDF : 254916.0/20

Out: 215.464+/-0.047 χ^2/NDF : 422436.0/23

All: 215.278+/-0.034 χ^2/NDF : 677383.5/44

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: -1294.047 $\pm$ 889.748 χ^2 /NDF:3.3/3

Left: -722.960 $\pm$ 594.770 χ^2 /NDF: 11.4/8

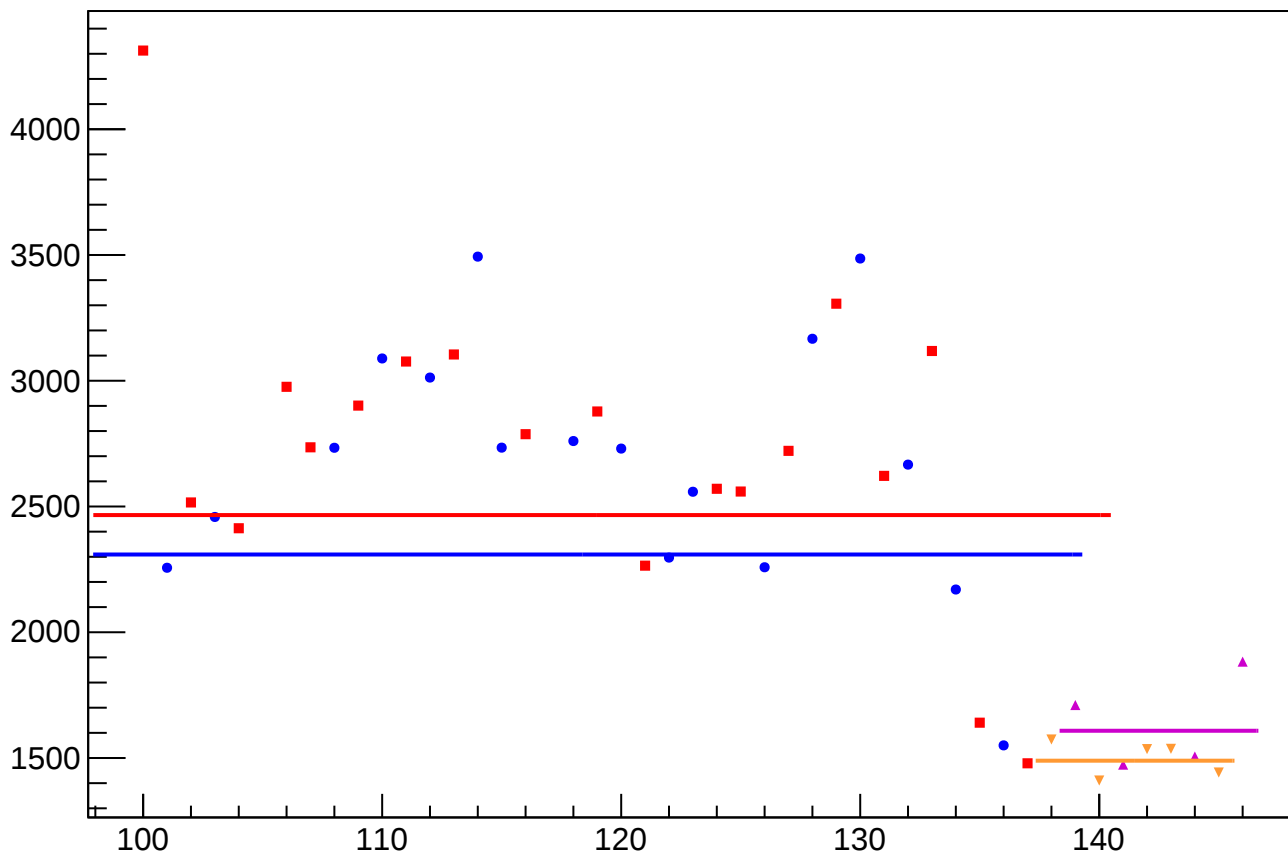
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -1441.276 $\pm$ 639.924 χ^2 /NDF:20.0/20

Out: -71.667 $\pm$ 611.121 χ^2 /NDF:23.9/23

All: -724.956 $\pm$ 441.960 χ^2 /NDF: 46.2/44

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: 1608.341 $\pm$ 0.629 χ^2 /NDF: 62084.4/3

Left: 1542.514 $\pm$ 0.421 χ^2 /NDF: 94823.2/8

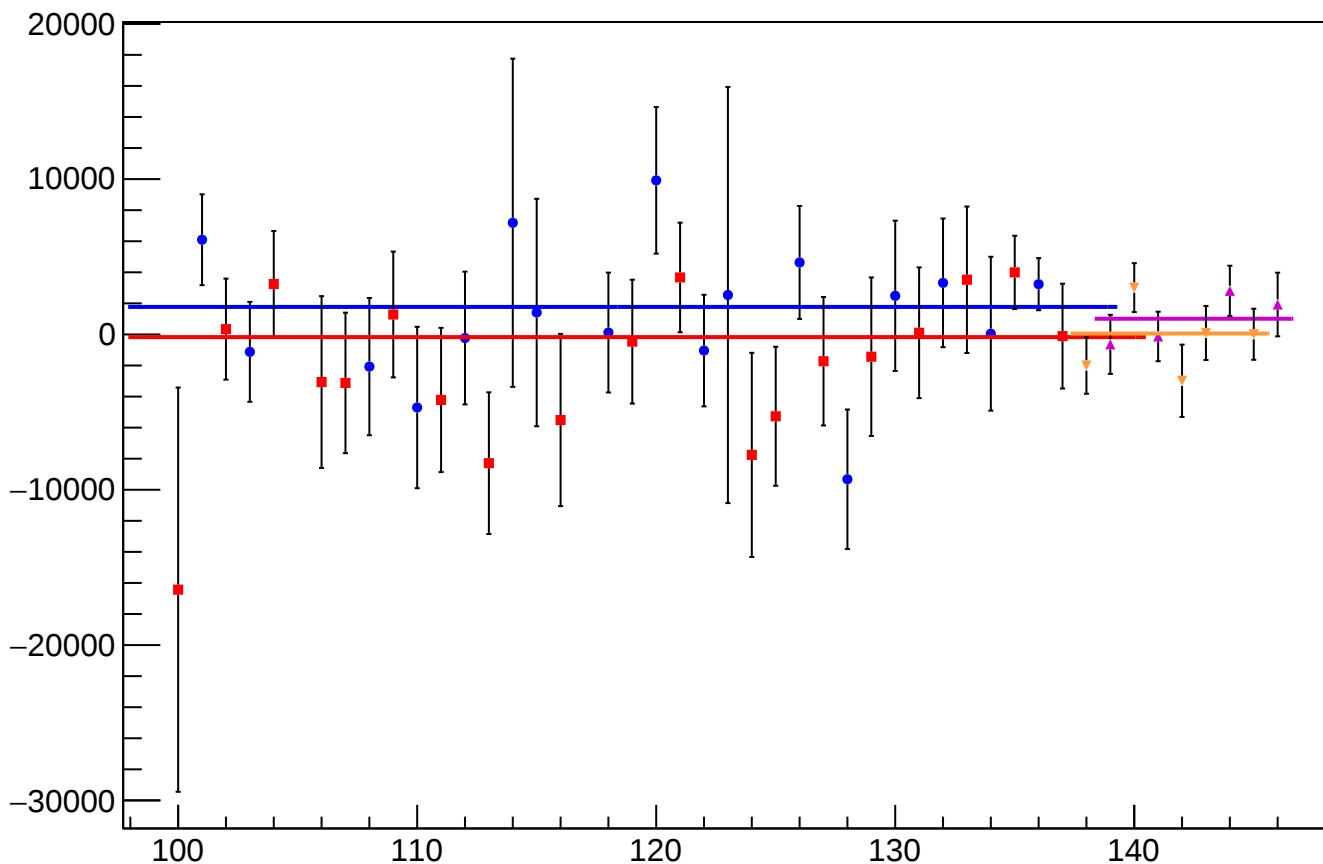
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1946.629 $\pm$ 0.452 χ^2 /NDF: 1461735.4/20

Out: 1895.606 $\pm$ 0.432 χ^2 /NDF: 1947795.0/23

All: 1919.944 $\pm$ 0.313 χ^2 /NDF: 3416180.1/44

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: 1010.897+/-880.161 χ^2/NDF : 2.7/3

Left: 486.106+/-589.067 χ^2/NDF : 9.8/8

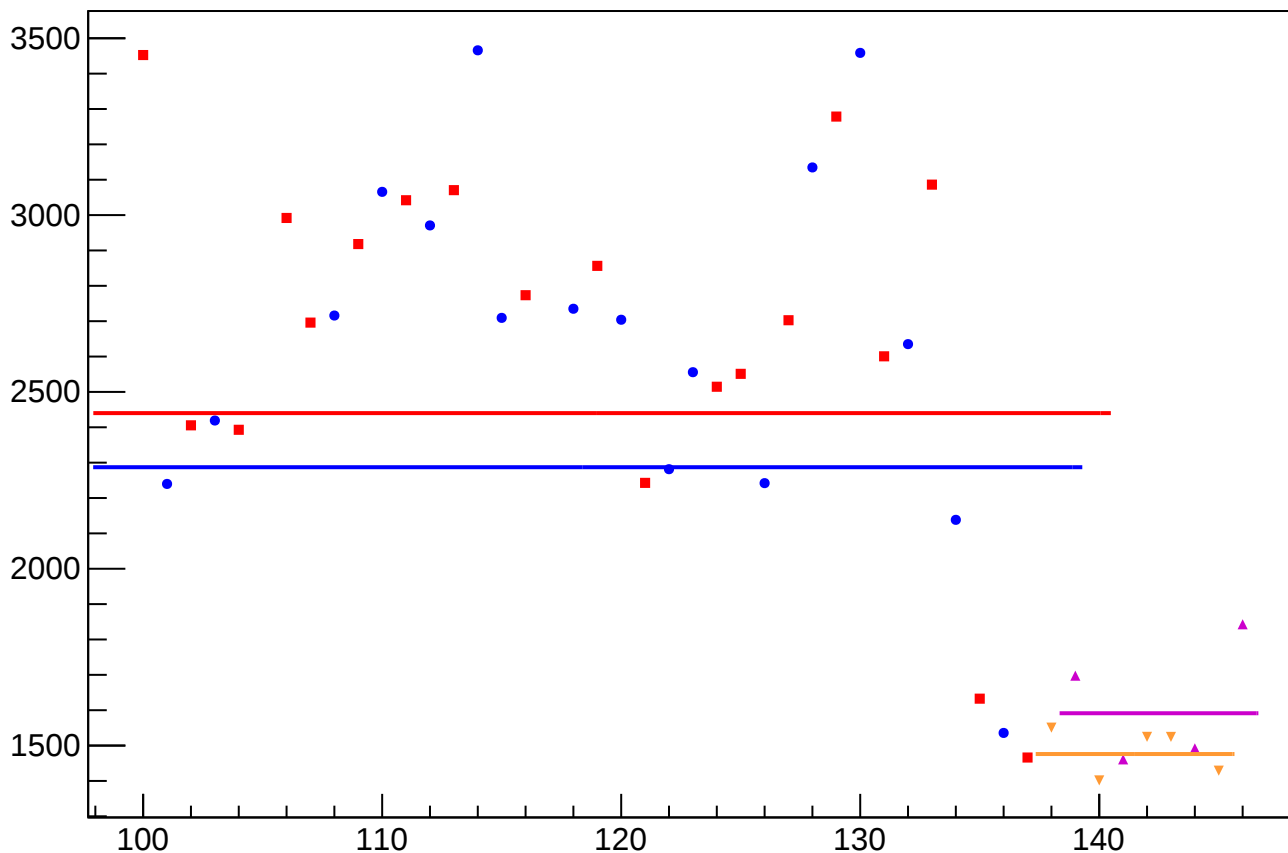
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1377.447+/-633.434 χ^2/NDF : 20.4/20

Out: -36.101+/-605.339 χ^2/NDF : 22.6/23

All: 638.631+/-437.635 χ^2/NDF : 45.6/44

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1476.103 $\pm$ 0.561 χ^2/NDF : 11906.8/4

Right Out: 2440.067 $\pm$ 0.663 χ^2/NDF : 679108.5/18

Left In: 1591.427 $\pm$ 0.622 χ^2/NDF : 57313.2/3

Left: 1527.759 $\pm$ 0.417 χ^2/NDF : 88176.0/8

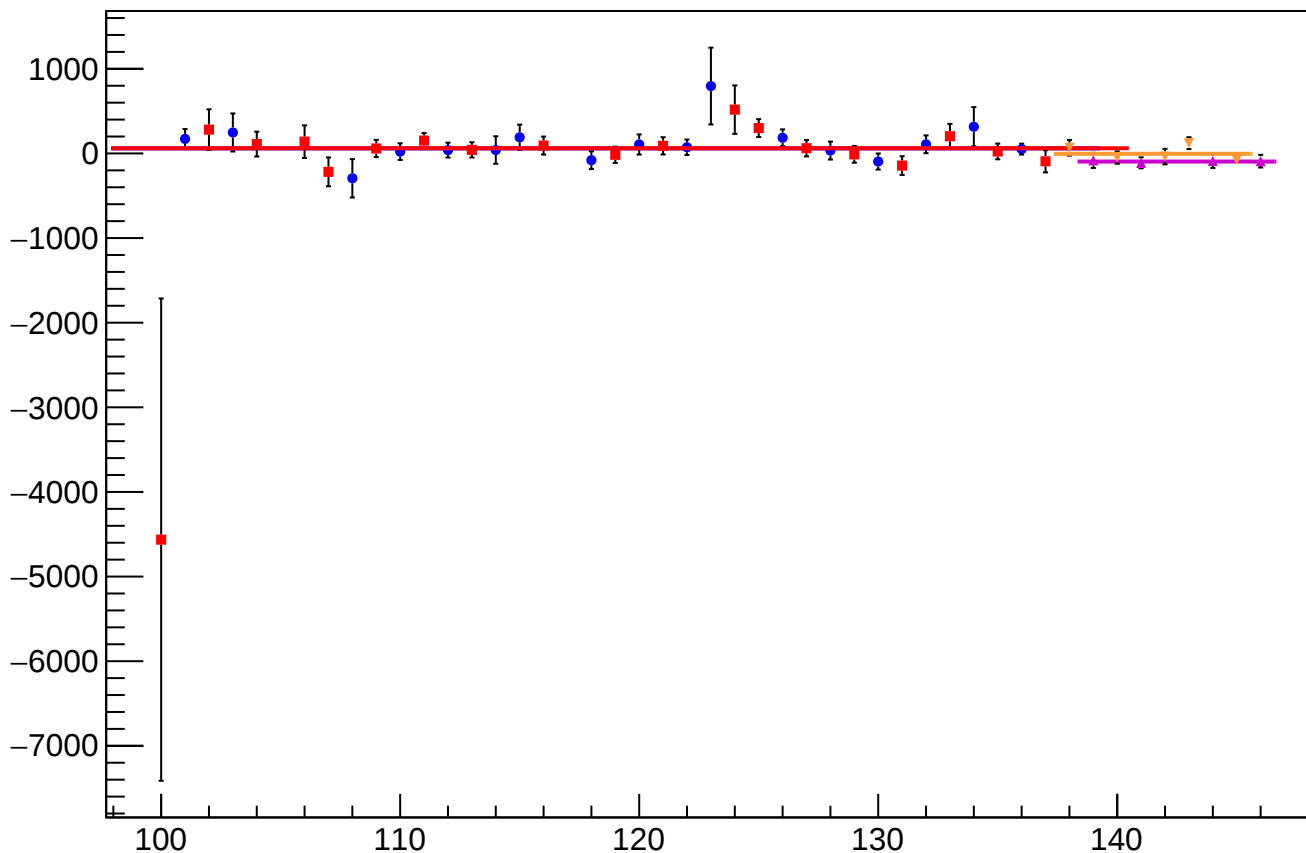
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1926.784 $\pm$ 0.448 χ^2/NDF : 1459022.1/20

Out: 1878.078 $\pm$ 0.428 χ^2/NDF : 1924005.2/23

All: 1901.327 $\pm$ 0.309 χ^2/NDF : 3389207.8/44

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: -95.893 $\pm$ 38.108 χ^2 /NDF: 0.1/3

Left: -43.283 $\pm$ 24.835 χ^2 /NDF: 9.3/8

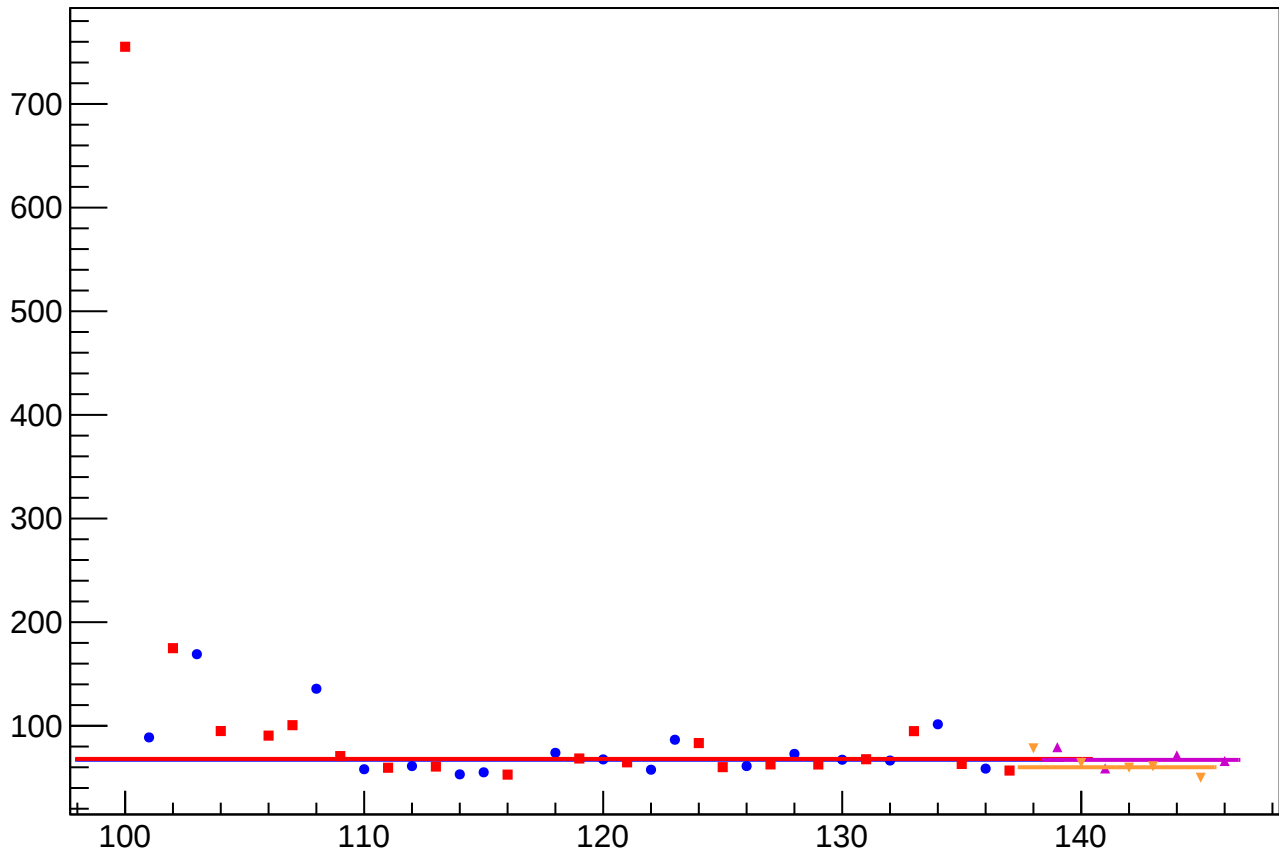
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: 7.466 $\pm$ 22.074 χ^2 /NDF: 26.5/20

Out: 34.491 $\pm$ 20.835 χ^2 /NDF: 30.6/23

All: 21.758 $\pm$ 15.152 χ^2 /NDF: 57.9/44

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: 67.132+/-0.027 χ^2/NDF :76248.4/3

Left: 63.041+/-0.018 χ^2/NDF : 264589.0/8

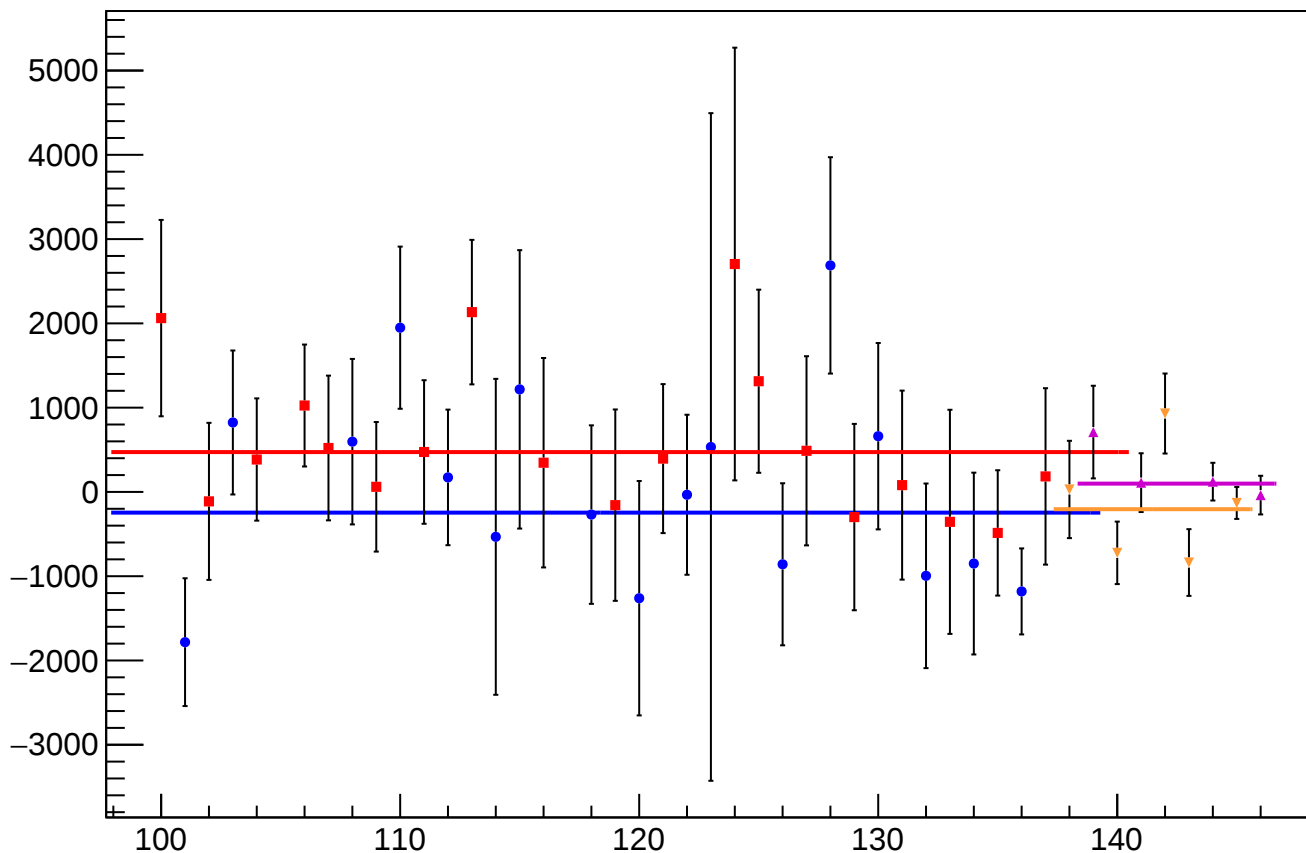
Right: 67.679+/-0.014 χ^2/NDF : 1712764.6/35

In: 67.242+/-0.016 χ^2/NDF :917625.5/20

Out: 64.805+/-0.015 χ^2/NDF :1090630.6/23

All: 65.953+/-0.011 χ^2/NDF : 2021144.1/44

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -204.956 $\pm$ 143.044 χ^2 /NDF:10.5/4

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

Left In: 98.466 $\pm$ 140.703 χ^2 /NDF:1.6/3

Left: -50.742 $\pm$ 100.309 χ^2 /NDF: 14.4/8

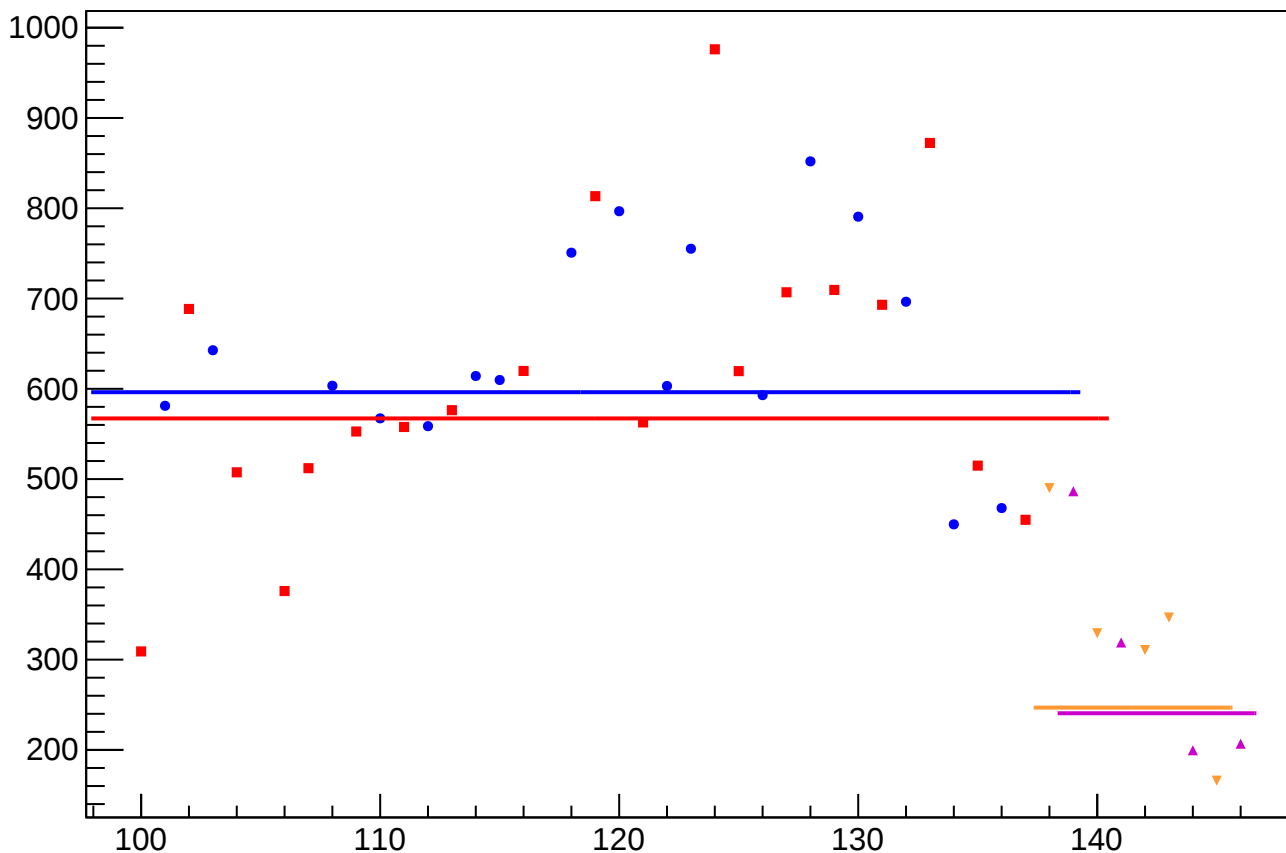
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: 7.893 $\pm$ 120.774 χ^2 /NDF:26.9/20

Out: -2.028 $\pm$ 119.732 χ^2 /NDF:28.6/23

All: 2.890 $\pm$ 85.029 χ^2 /NDF: 55.5/44

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 ± 0.166 $\chi^2/NDF: 422153.3/16$

Left Out: 246.869 ± 0.101 $\chi^2/NDF: 980304.8/4$

Right Out: 567.177 ± 0.155 $\chi^2/NDF: 675391.6/18$

Left In: 240.598 ± 0.099 $\chi^2/NDF: 612039.0/3$

Left: 243.682 ± 0.071 $\chi^2/NDF: 1594297.0/8$

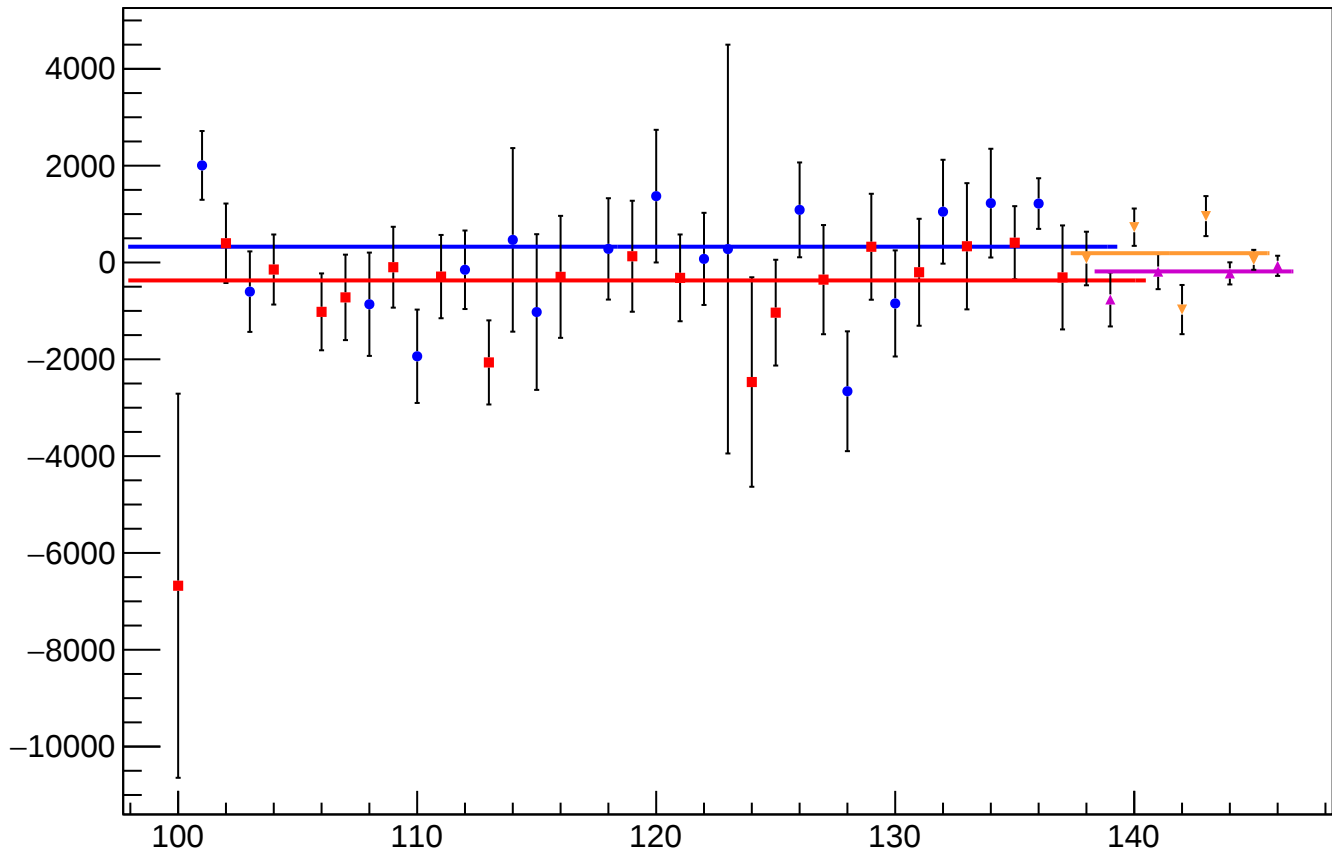
Right: 580.651 ± 0.113 $\chi^2/NDF: 1113905.5/35$

In: 334.211 ± 0.085 $\chi^2/NDF: 4397604.6/20$

Out: 342.764 ± 0.085 $\chi^2/NDF: 4658024.7/23$

All: 338.525 ± 0.060 $\chi^2/NDF: 9060688.1/44$

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 191.943+/-151.873 χ^2/NDF :11.1/4

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -184.656+/-137.297 χ^2/NDF :1.4/3

Left: -15.290+/-101.848 χ^2/NDF : 15.9/8

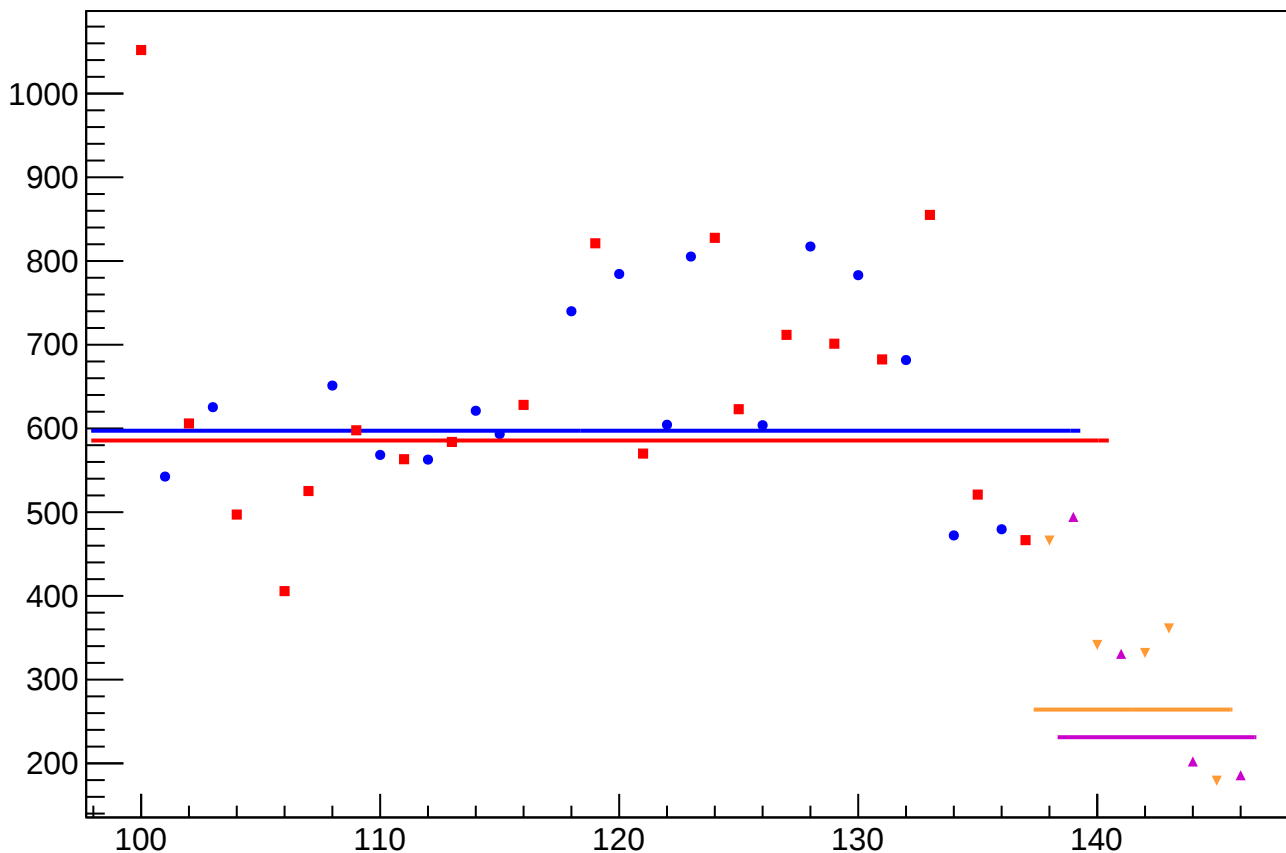
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -55.179+/-118.624 χ^2/NDF :31.8/20

Out: 15.711+/-125.861 χ^2/NDF :26.9/23

All: -21.830+/-86.325 χ^2/NDF : 58.9/44

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: 231.234 $\pm$ 0.097 χ^2 /NDF:723475.4/3

Left: 246.073 $\pm$ 0.072 χ^2 /NDF: 1608081.3/8

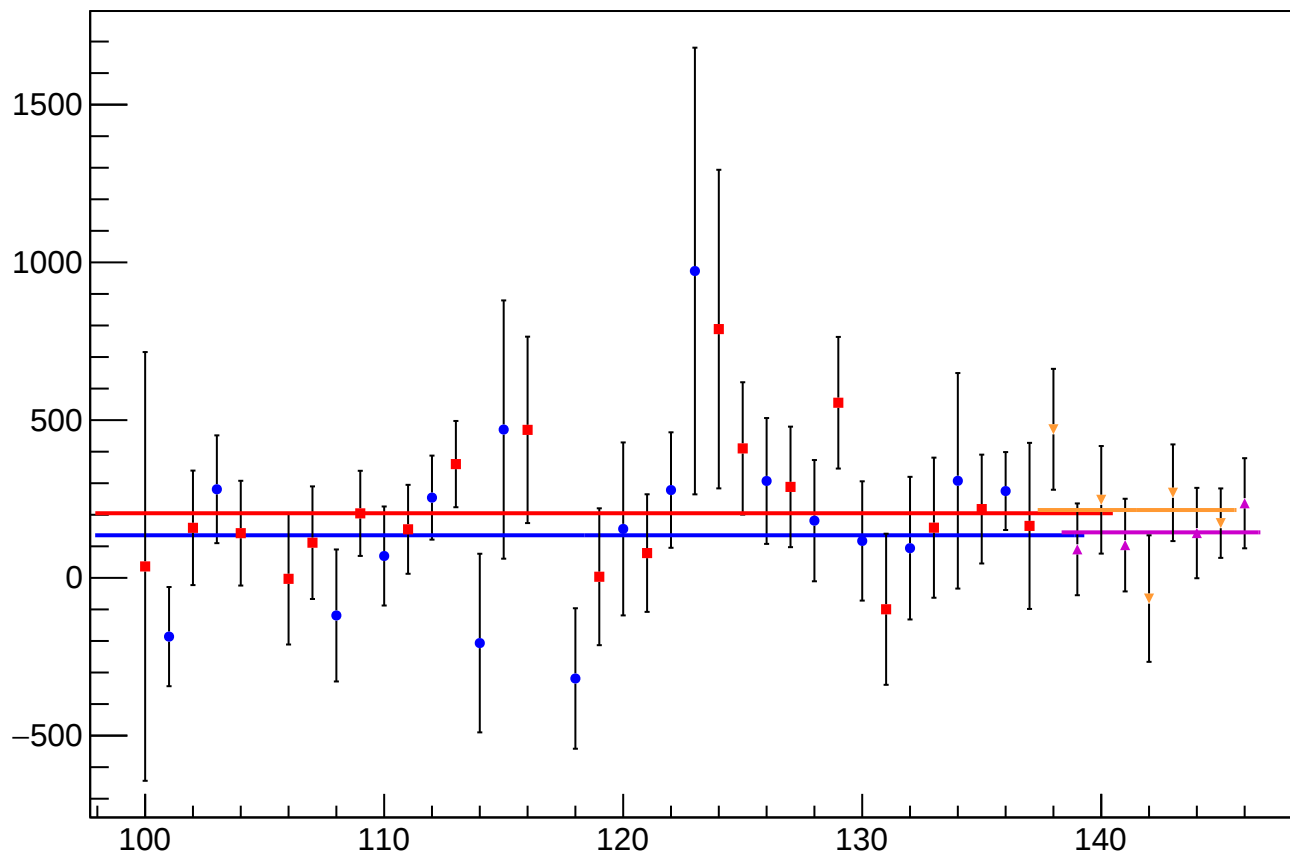
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 324.036 $\pm$ 0.084 χ^2 /NDF:4691416.5/20

Out: 364.892 $\pm$ 0.089 χ^2 /NDF:4112415.9/23

All: 343.255 $\pm$ 0.061 χ^2 /NDF: 8915437.7/44

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: 144.269 $\pm$ 72.289 χ^2 /NDF: 0.6/3

Left: 181.447 $\pm$ 49.814 χ^2 /NDF: 5.2/8

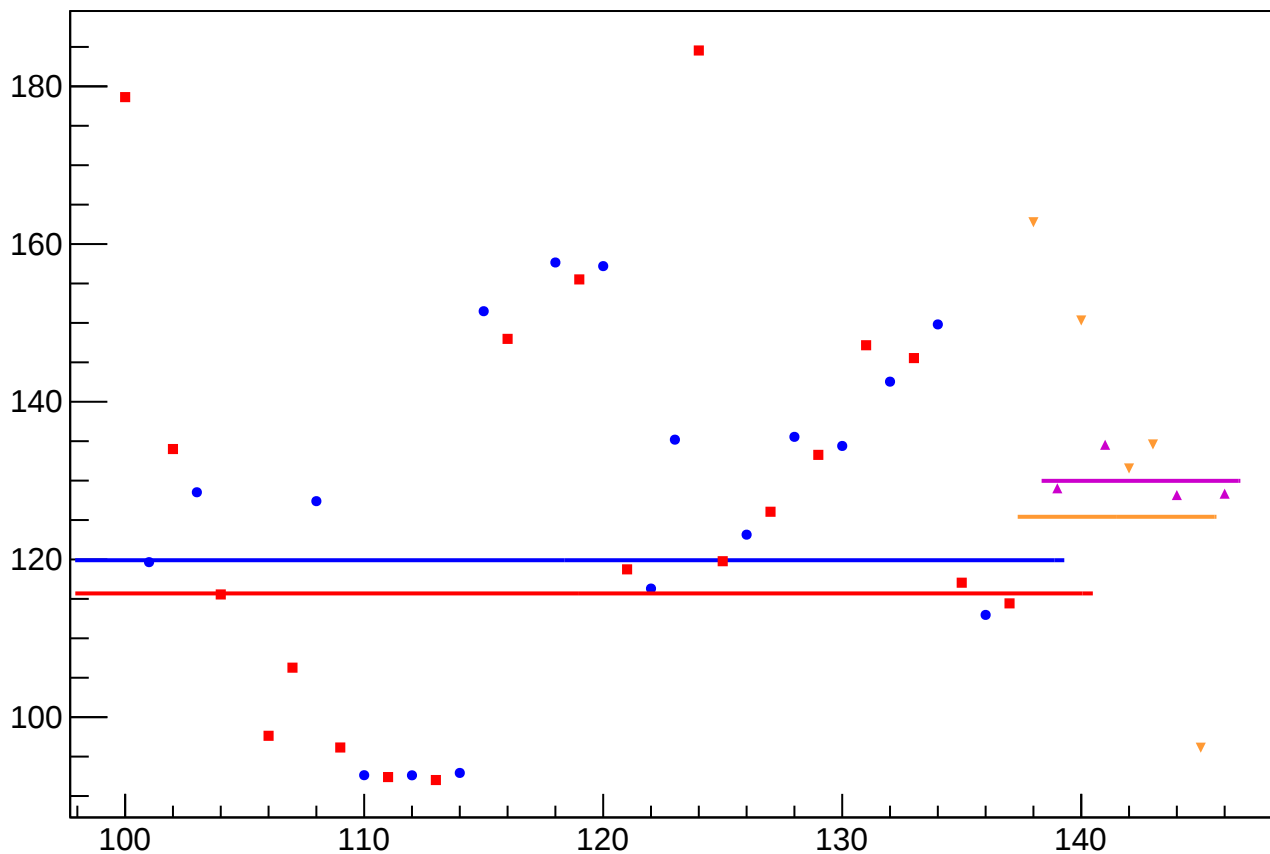
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 137.776 $\pm$ 39.418 χ^2 /NDF: 18.7/20

Out: 207.871 $\pm$ 37.320 χ^2 /NDF: 16.2/23

All: 174.739 $\pm$ 27.101 χ^2 /NDF: 36.5/44

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 125.412 $\pm$ 0.049 χ^2/NDF : 269274.3/4

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 129.971 $\pm$ 0.051 χ^2/NDF : 2599.4/3

Left: 127.577 $\pm$ 0.035 χ^2/NDF : 276050.7/8

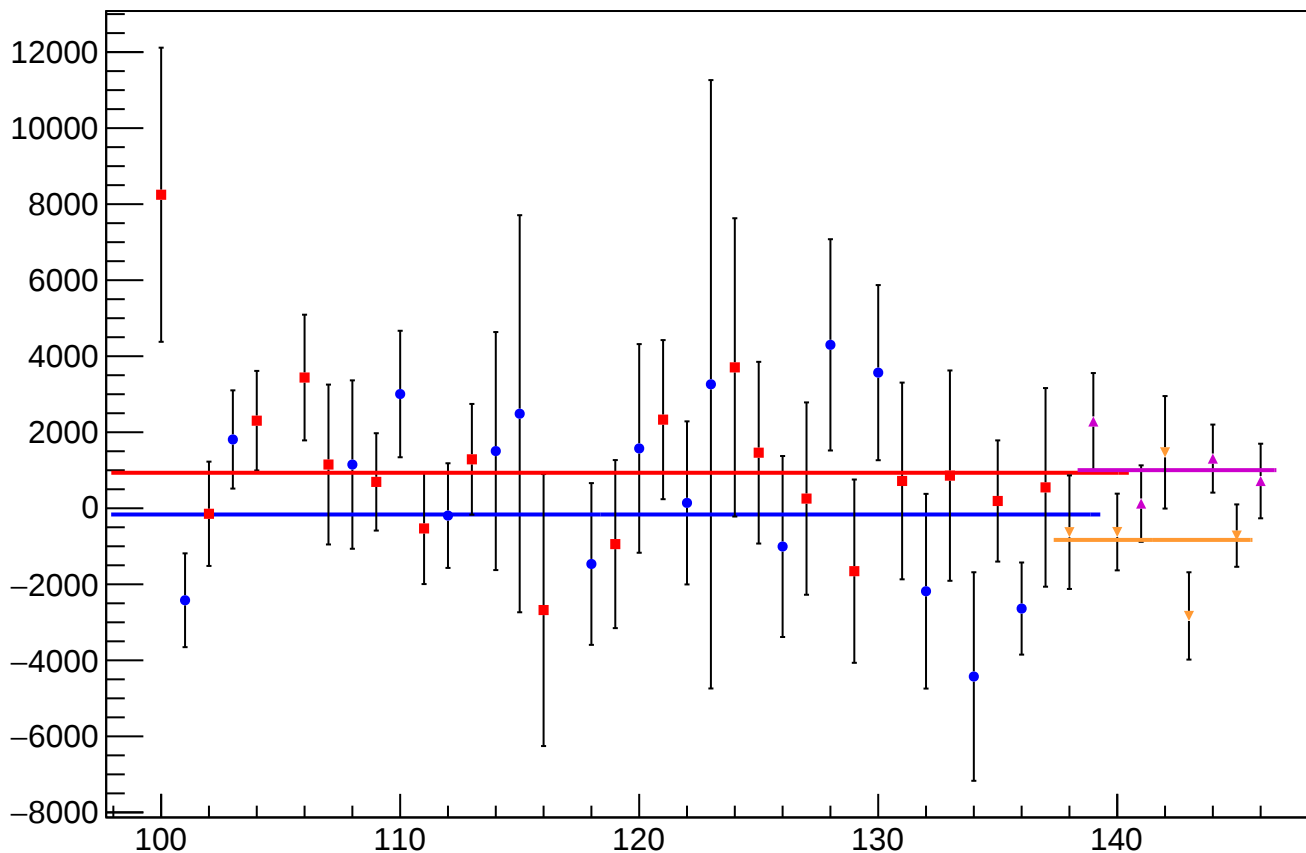
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 122.897 $\pm$ 0.028 χ^2/NDF : 375366.7/20

Out: 118.558 $\pm$ 0.026 χ^2/NDF : 732811.1/23

All: 120.609 $\pm$ 0.019 χ^2/NDF : 1120958.2/44

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -832.207 $\pm$ 492.031 χ^2 /NDF:5.5/4

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 1003.092 $\pm$ 506.900 χ^2 /NDF:2.0/3

Left: 58.129 $\pm$ 353.058 χ^2 /NDF: 14.3/8

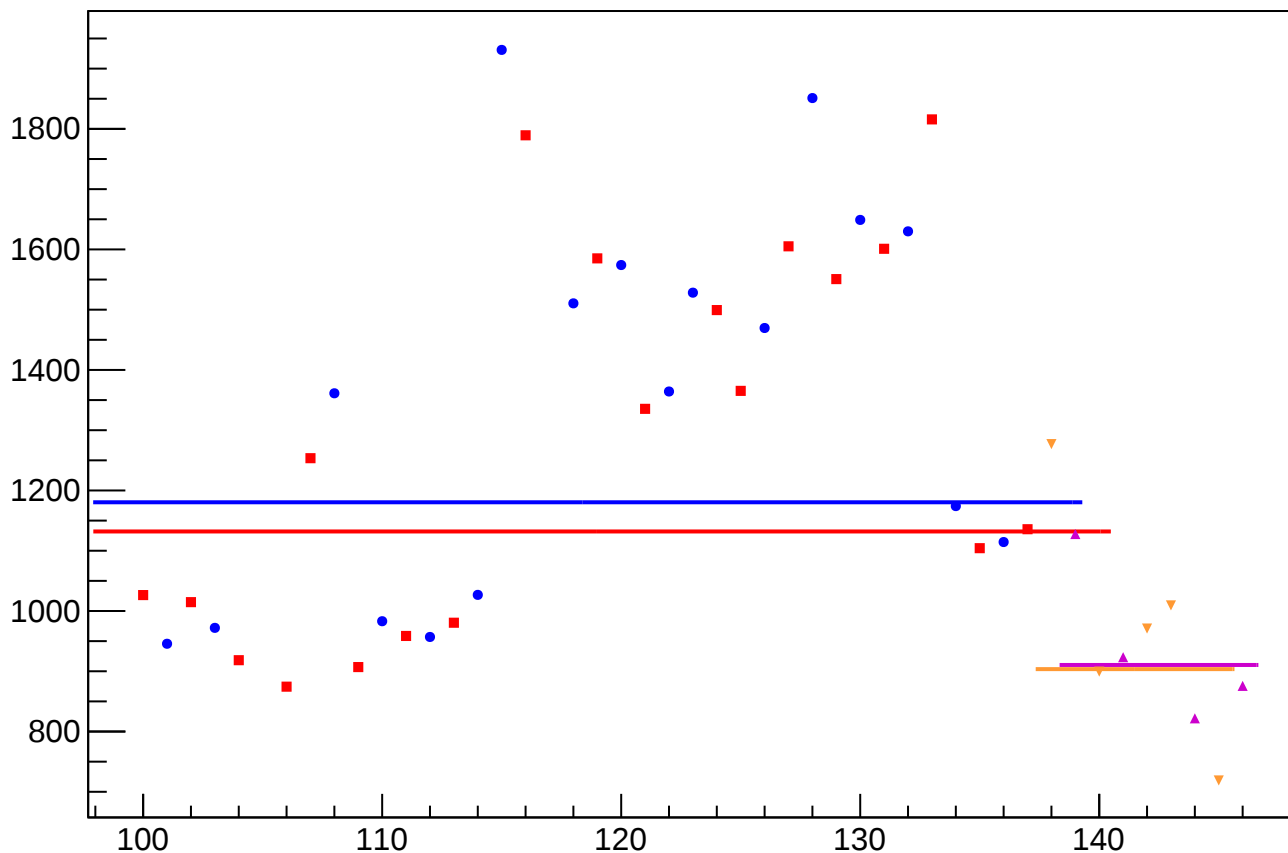
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 375.269 $\pm$ 344.487 χ^2 /NDF:28.5/20

Out: 153.856 $\pm$ 327.008 χ^2 /NDF:25.6/23

All: 258.803 $\pm$ 237.168 χ^2 /NDF: 54.4/44

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: 910.443+/-0.358 χ^2/NDF : 80526.4/3

Left: 906.899+/-0.250 χ^2/NDF : 328233.8/8

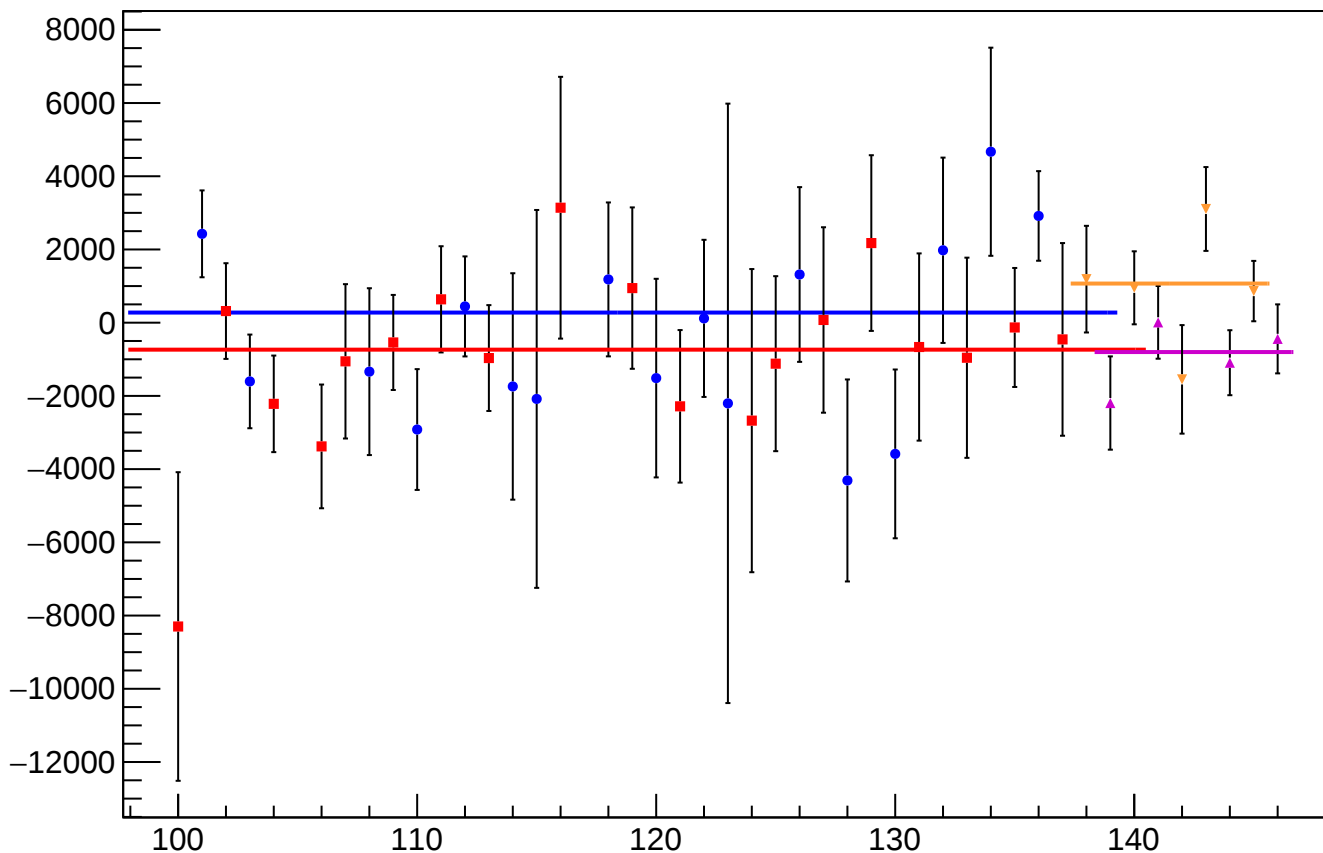
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1055.722+/-0.244 χ^2/NDF : 1054643.9/20

Out: 1031.085+/-0.231 χ^2/NDF : 1250065.9/23

All: 1042.763+/-0.168 χ^2/NDF : 2310090.8/44

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: -802.189 $\pm$ 498.424 χ^2 /NDF:2.1/3

Left: 149.437 $\pm$ 349.391 χ^2 /NDF: 15.6/8

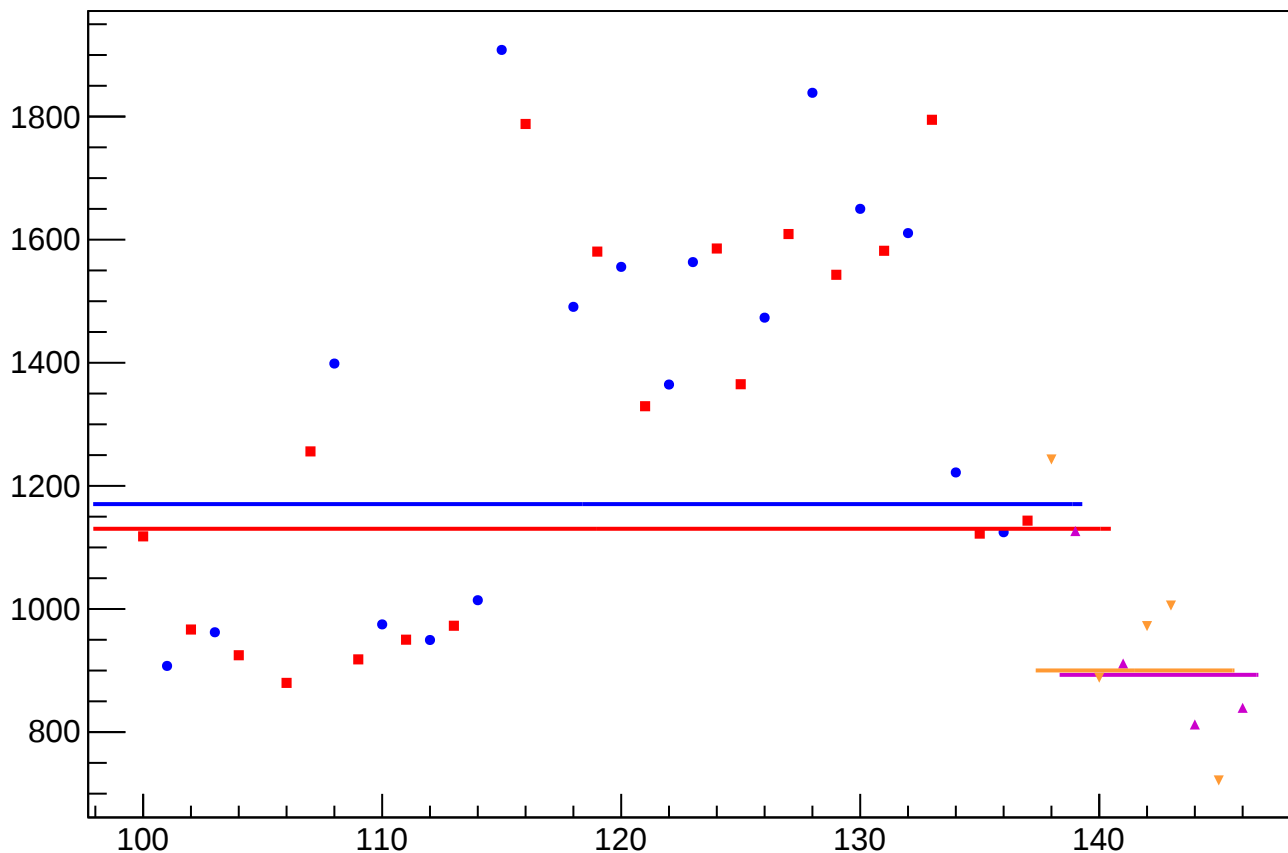
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -227.151 $\pm$ 340.563 χ^2 /NDF:28.9/20

Out: 64.223 $\pm$ 326.301 χ^2 /NDF:26.8/23

All: -75.235 $\pm$ 235.610 χ^2 /NDF: 56.1/44

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 900.152 $\pm$ 0.346 χ^2 /NDF:226685.5/4

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 893.037 $\pm$ 0.352 χ^2 /NDF:90895.5/3

Left: 896.656 $\pm$ 0.247 χ^2 /NDF: 317788.2/8

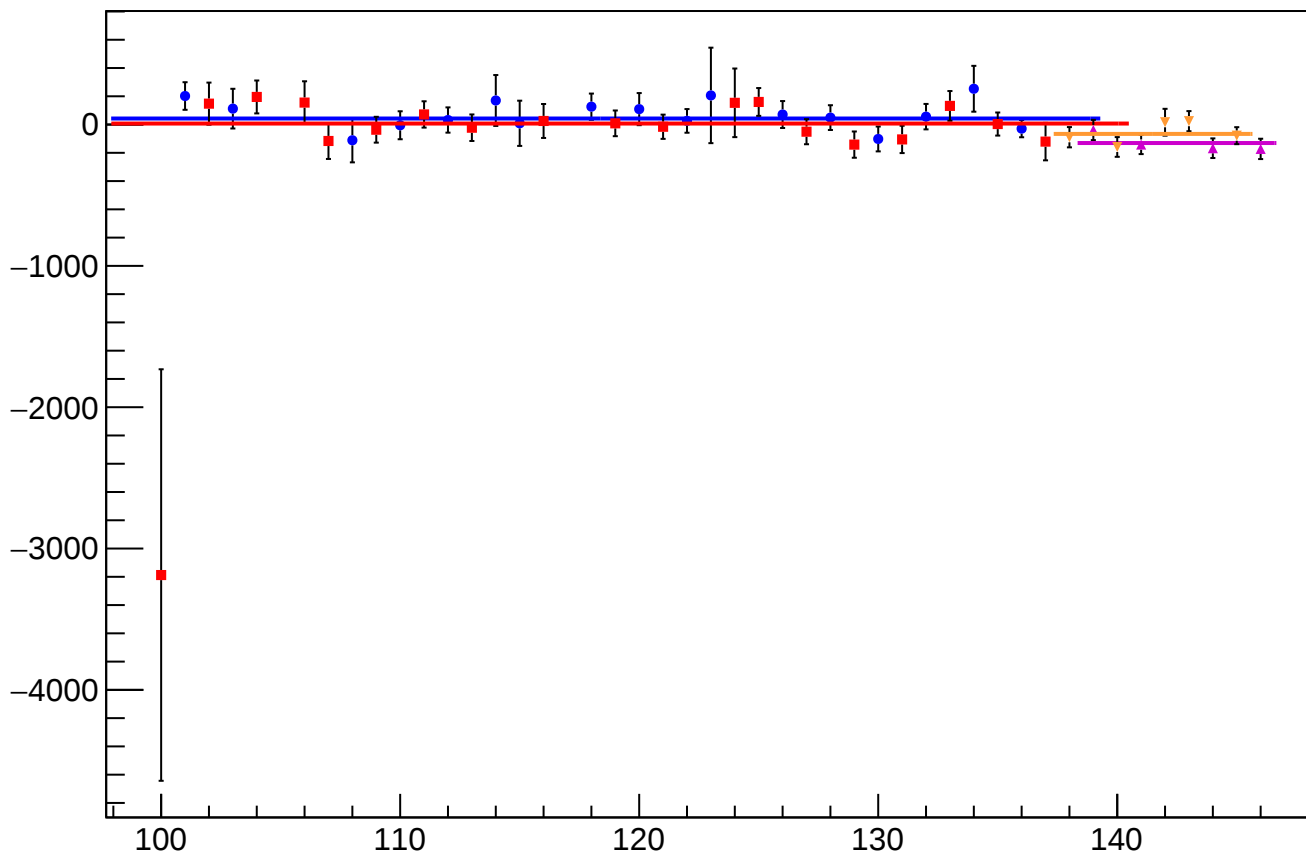
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1040.910 $\pm$ 0.241 χ^2 /NDF:1126579.7/20

Out: 1028.217 $\pm$ 0.231 χ^2 /NDF:1235355.4/23

All: 1034.292 $\pm$ 0.167 χ^2 /NDF: 2363383.4/44

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: -130.713 ± 35.032 $\chi^2/\text{NDF}: 2.3/3$

Left: -95.418 ± 23.568 $\chi^2/\text{NDF}: 8.4/8$

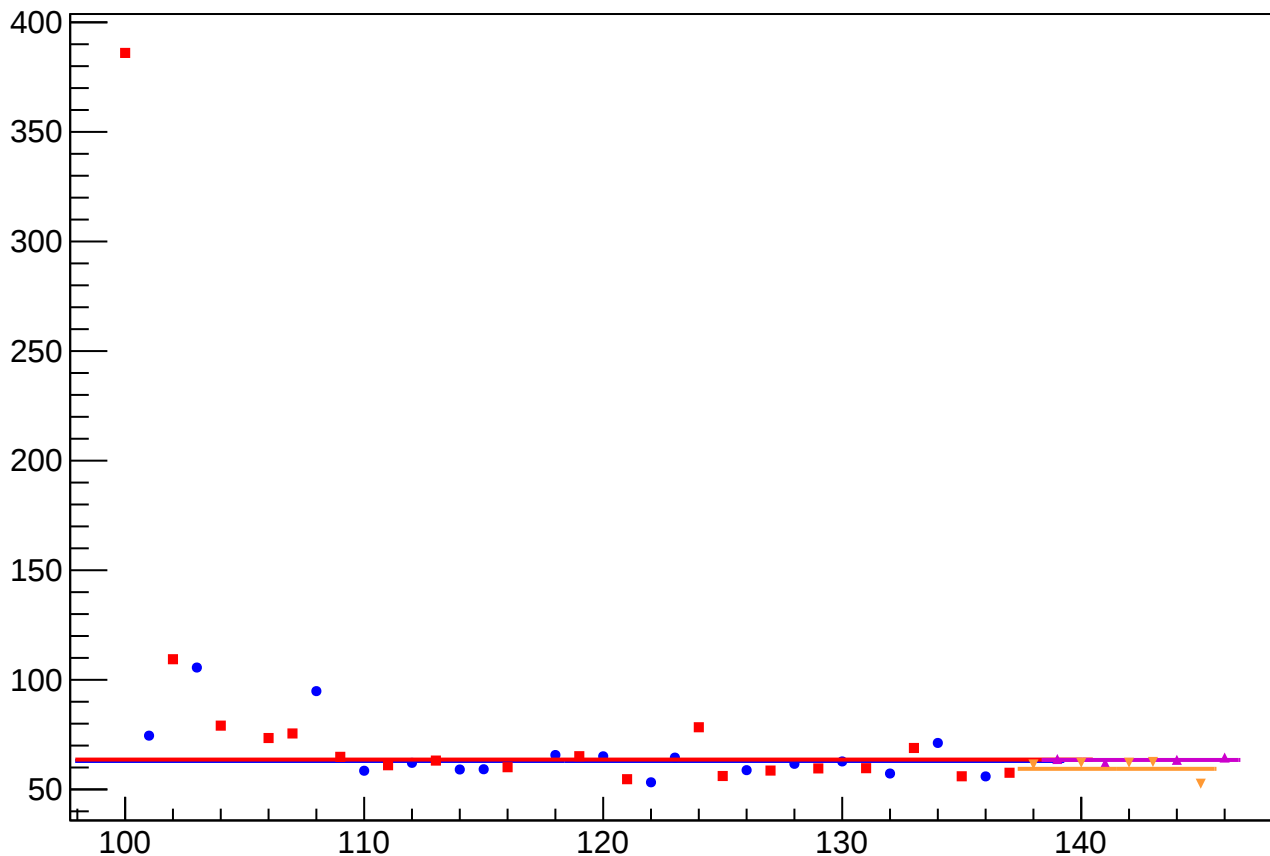
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -14.902 ± 20.187 $\chi^2/\text{NDF}: 30.6/20$

Out: -20.150 ± 19.415 $\chi^2/\text{NDF}: 28.2/23$

All: -17.628 ± 13.993 $\chi^2/\text{NDF}: 58.9/44$

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: 63.440 $\pm$ 0.025 χ^2 /NDF: 1437.7/3

Left: 61.223 $\pm$ 0.017 χ^2 /NDF: 51873.5/8

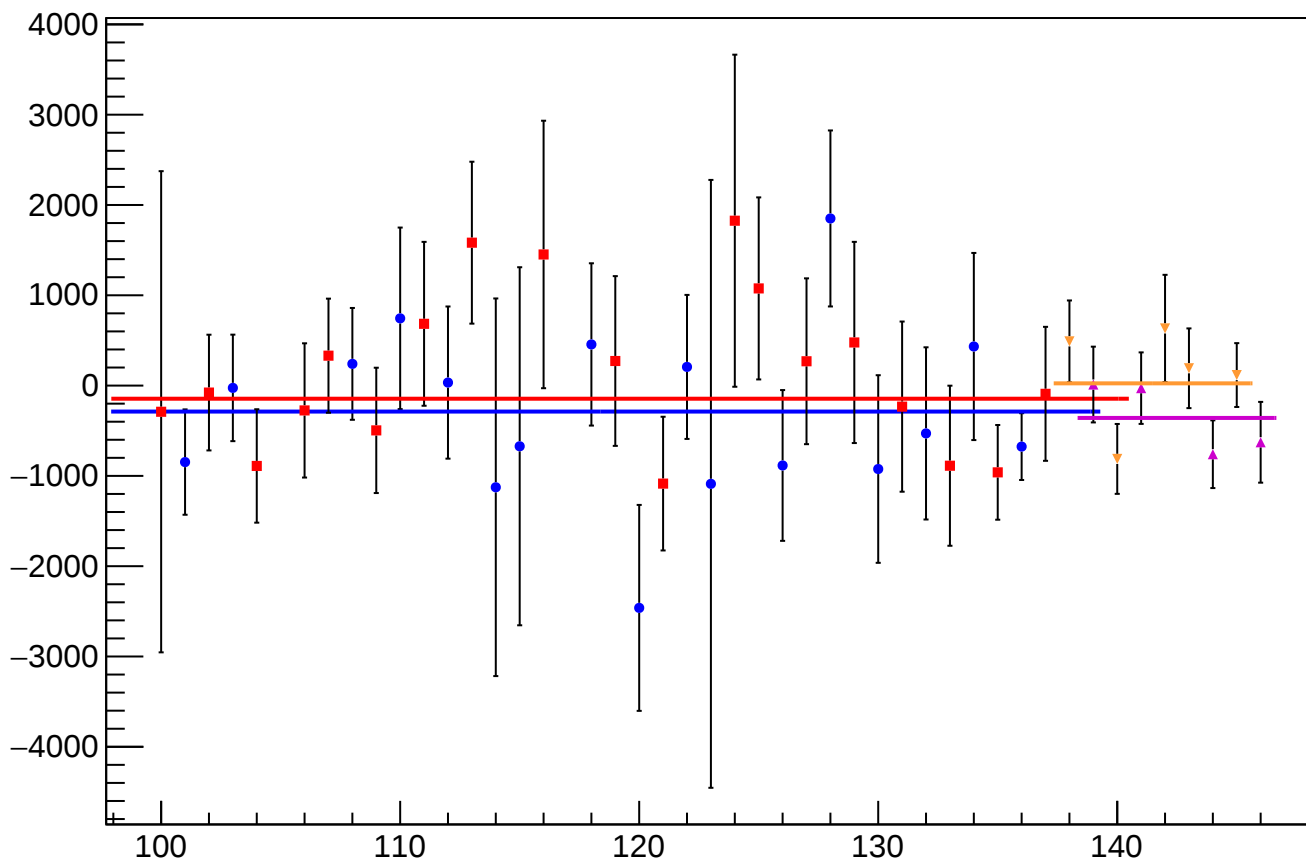
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.133 $\pm$ 0.014 χ^2 /NDF: 376930.9/20

Out: 62.045 $\pm$ 0.014 χ^2 /NDF: 491452.0/23

All: 62.567 $\pm$ 0.010 χ^2 /NDF: 871401.0/44

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: -358.195 ± 203.389 $\chi^2/\text{NDF}: 3.0/3$

Left: -154.269 ± 139.073 $\chi^2/\text{NDF}: 11.9/8$

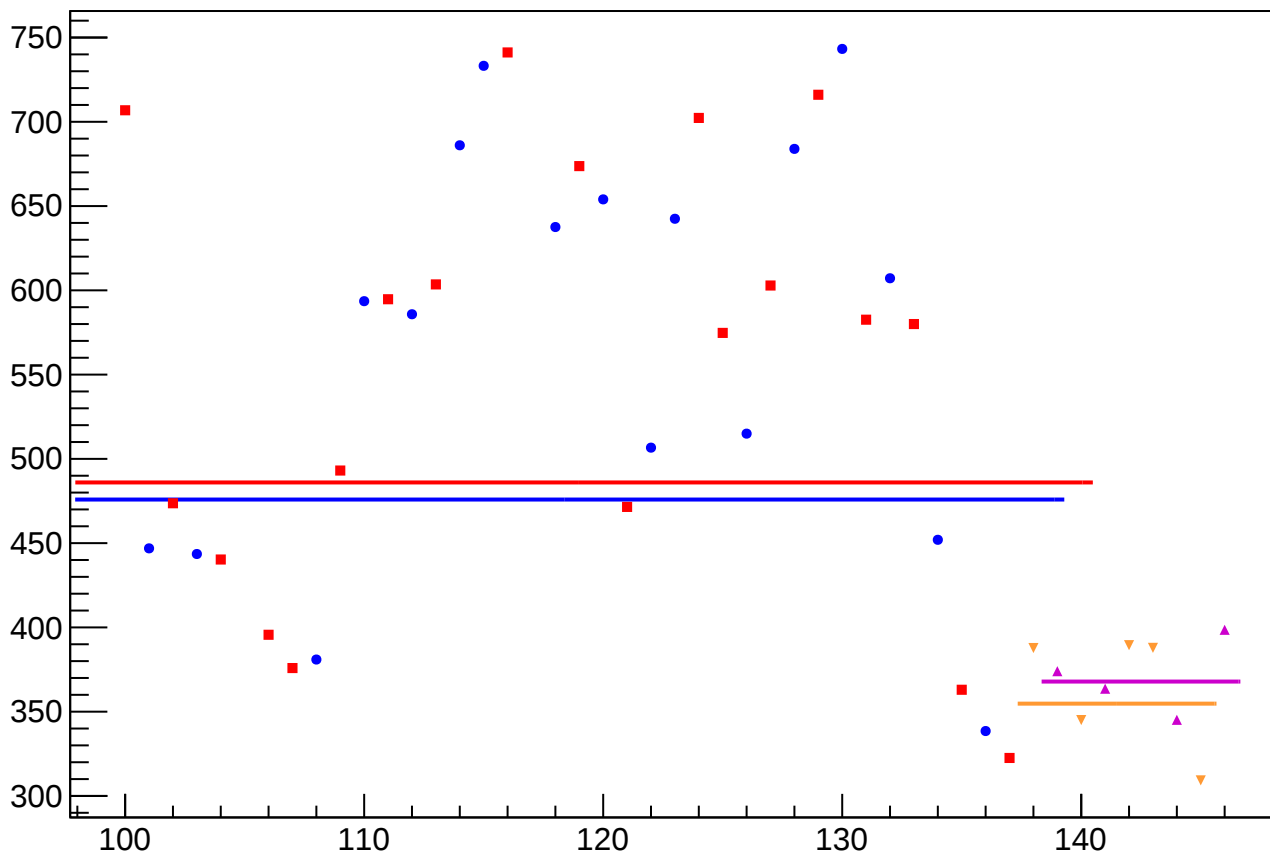
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -320.521 ± 138.799 $\chi^2/\text{NDF}: 18.4/20$

Out: -61.746 ± 133.594 $\chi^2/\text{NDF}: 23.5/23$

All: -186.191 ± 96.253 $\chi^2/\text{NDF}: 43.7/44$

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: 367.868+/-0.144 χ^2/NDF : 17422.2/3

Left: 360.892+/-0.098 χ^2/NDF : 84995.4/8

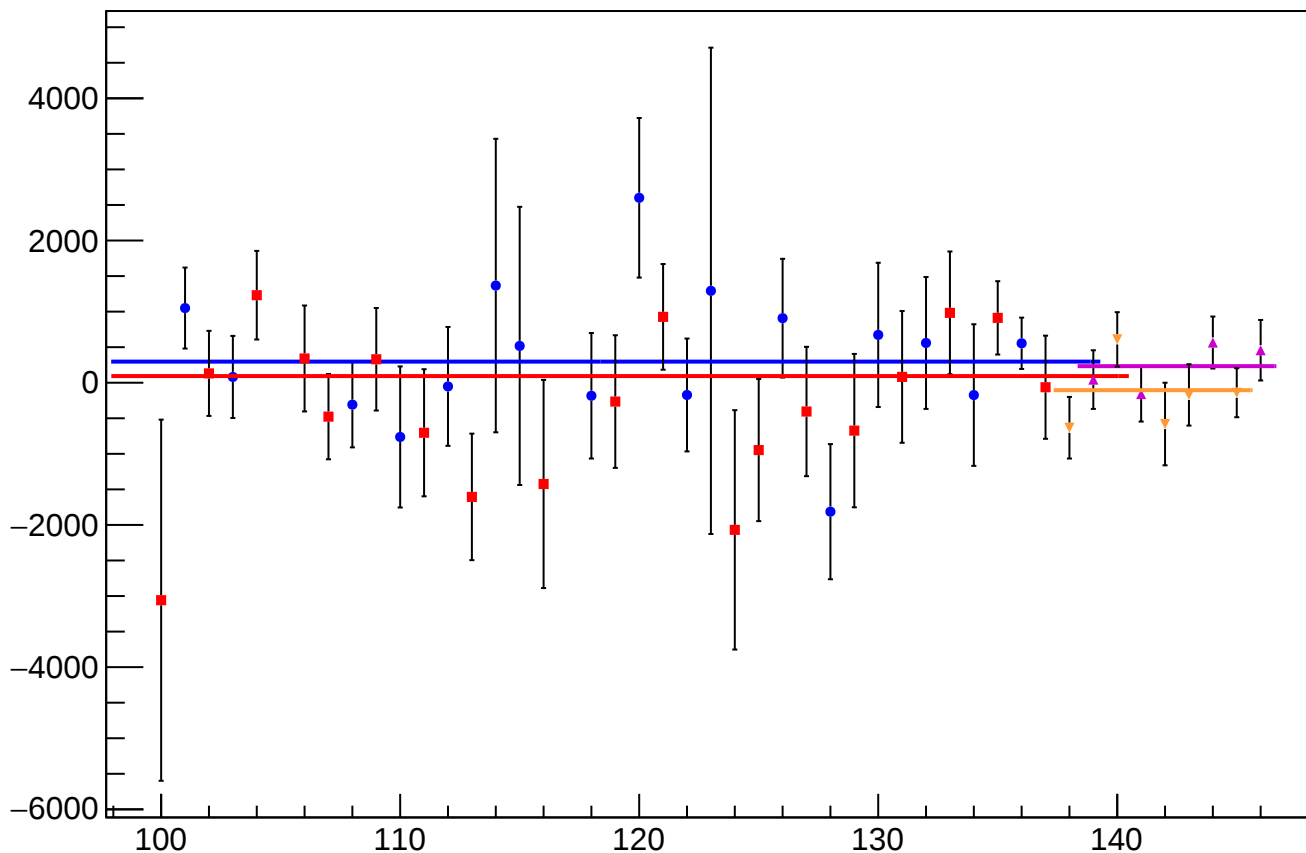
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 425.573+/-0.098 χ^2/NDF : 1156545.3/20

Out: 421.527+/-0.094 χ^2/NDF : 1275698.4/23

All: 423.473+/-0.068 χ^2/NDF : 2433125.6/44

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: 233.050 $\pm$ 197.773 χ^2 /NDF:2.3/3

Left: 53.715 $\pm$ 135.494 χ^2 /NDF: 9.6/8

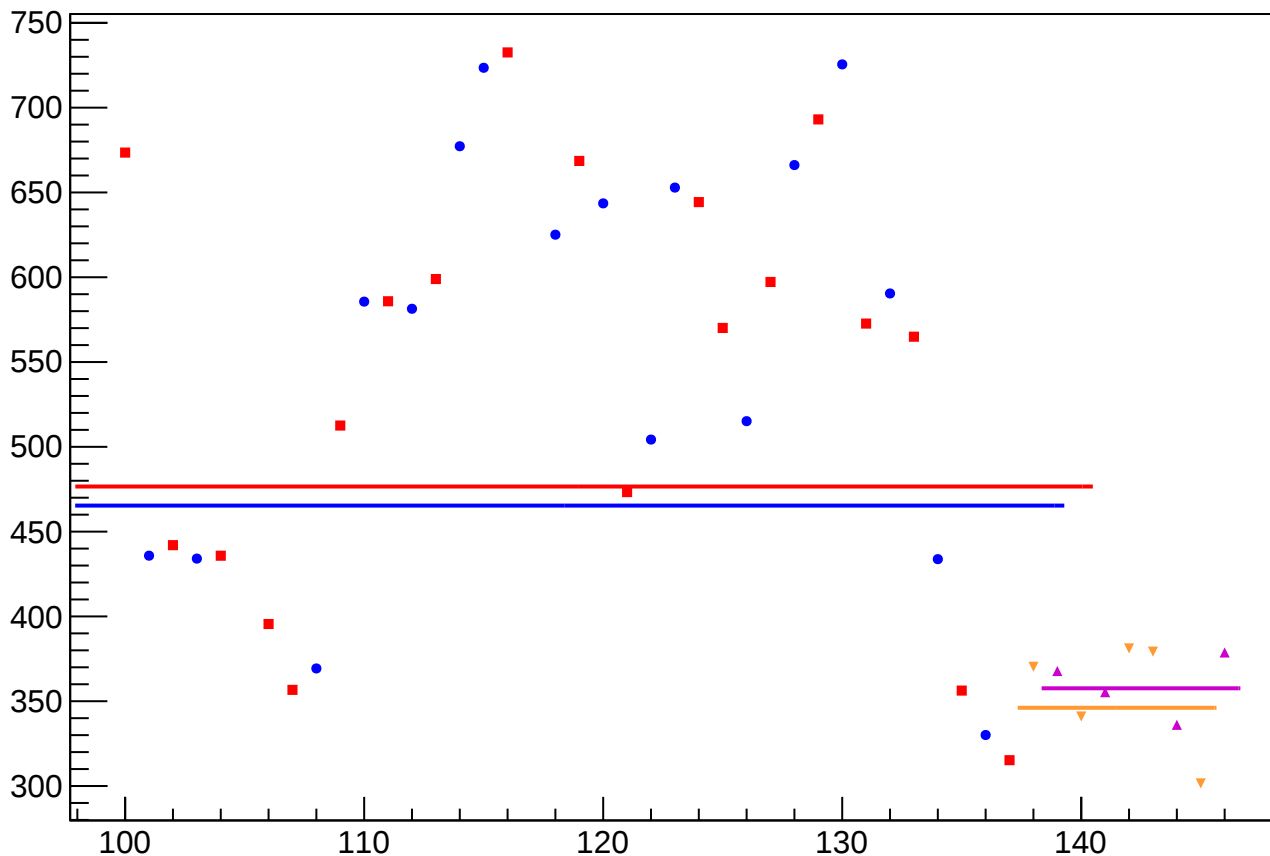
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 266.980 $\pm$ 135.483 χ^2 /NDF:18.3/20

Out: -4.573 $\pm$ 130.780 χ^2 /NDF:26.3/23

All: 126.408 $\pm$ 94.094 χ^2 /NDF: 46.7/44

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: 357.617 $\pm$ 0.140 χ^2 /NDF: 13154.8/3

Left: 351.523 $\pm$ 0.096 χ^2 /NDF: 75814.6/8

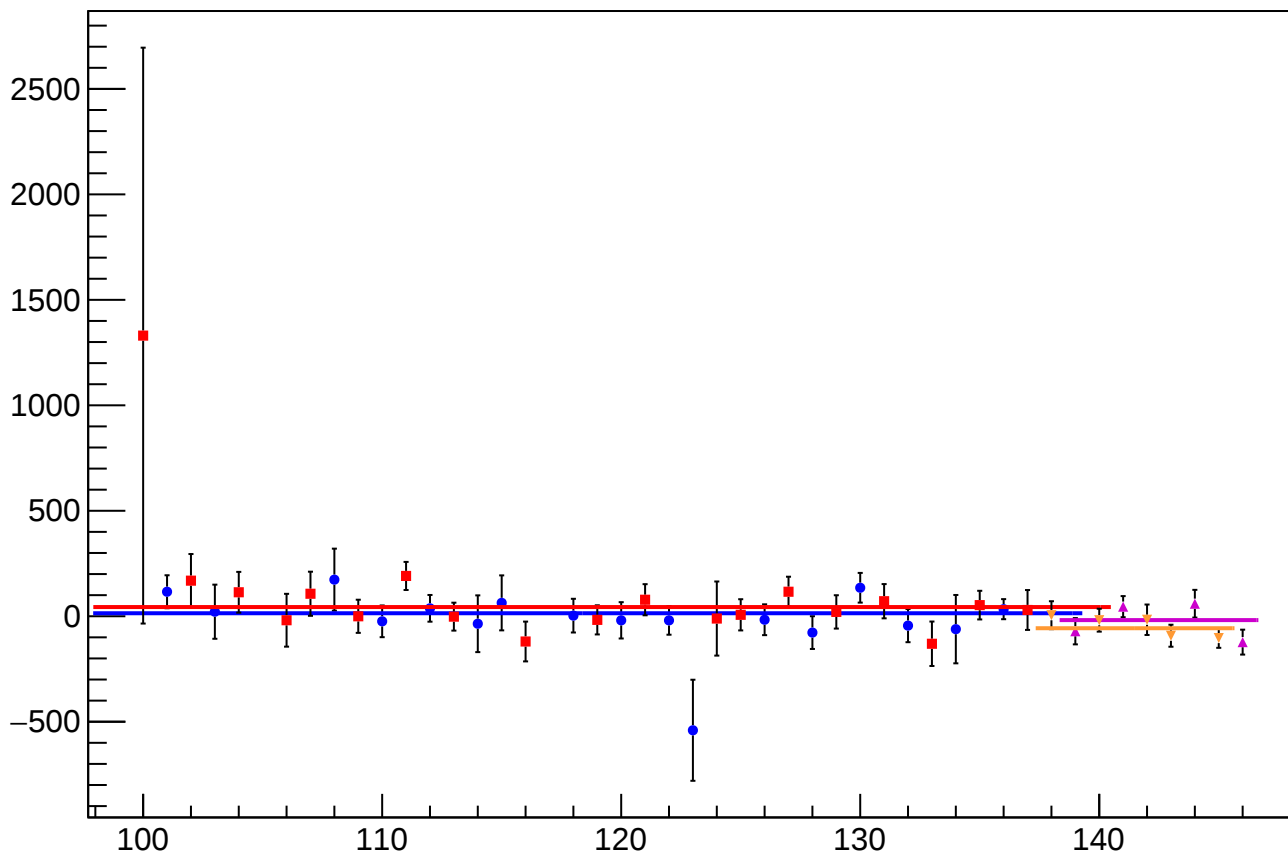
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 414.796 $\pm$ 0.096 χ^2 /NDF: 1188564.6/20

Out: 412.101 $\pm$ 0.092 χ^2 /NDF: 1309547.0/23

All: 413.401 $\pm$ 0.067 χ^2 /NDF: 2498521.3/44

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: -18.255+/-29.165 χ^2/NDF : 6.9/3

Left: -40.424+/-19.001 χ^2/NDF : 11.0/8

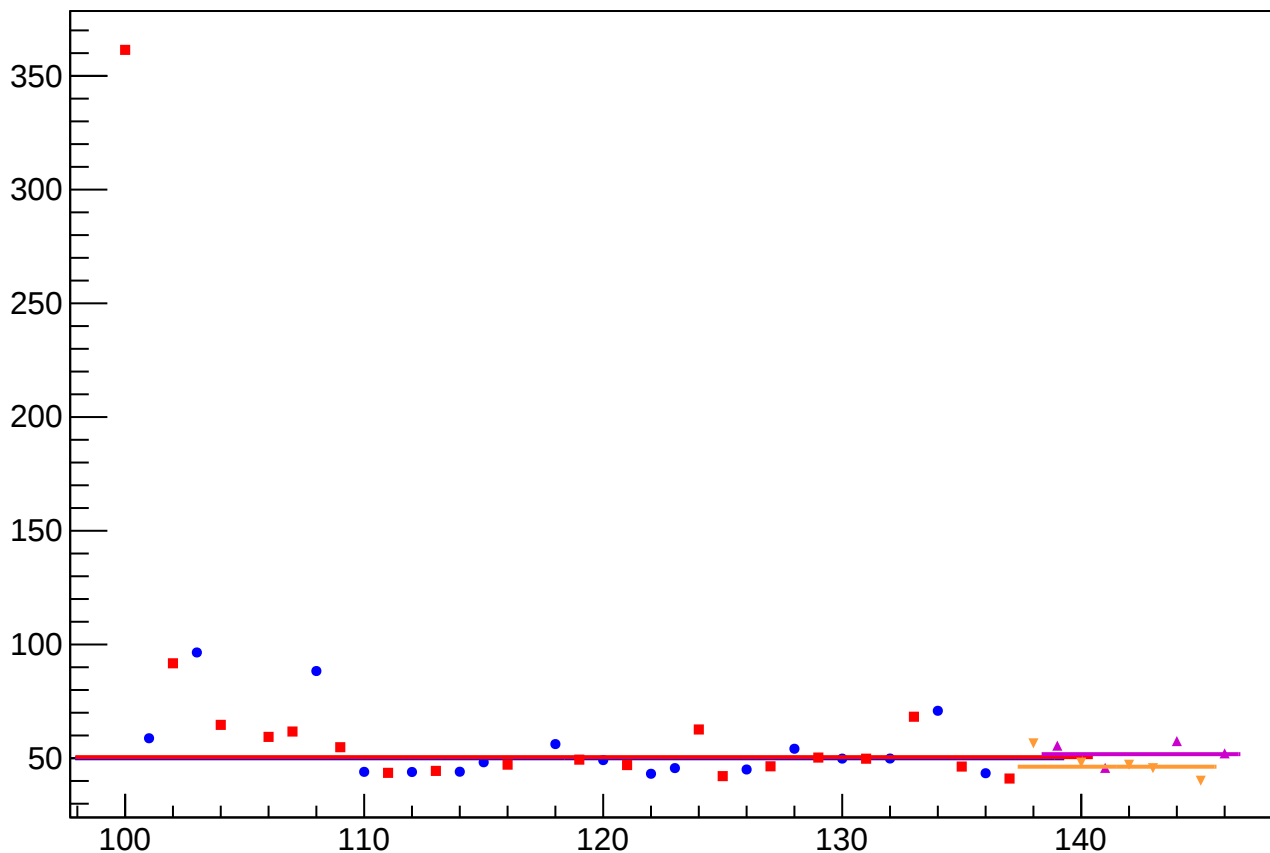
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: 3.950+/-16.419 χ^2/NDF : 22.5/20

Out: 5.364+/-15.459 χ^2/NDF : 30.1/23

All: 4.700+/-11.255 χ^2/NDF : 52.7/44

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 ± 0.014 $\chi^2/\text{NDF}: 578750.7/16$

Left Out: 46.275 ± 0.018 $\chi^2/\text{NDF}: 86271.6/4$

Right Out: 50.472 ± 0.014 $\chi^2/\text{NDF}: 571294.5/18$

Left In: 51.781 ± 0.021 $\chi^2/\text{NDF}: 51691.1/3$

Left: 48.612 ± 0.013 $\chi^2/\text{NDF}: 178989.3/8$

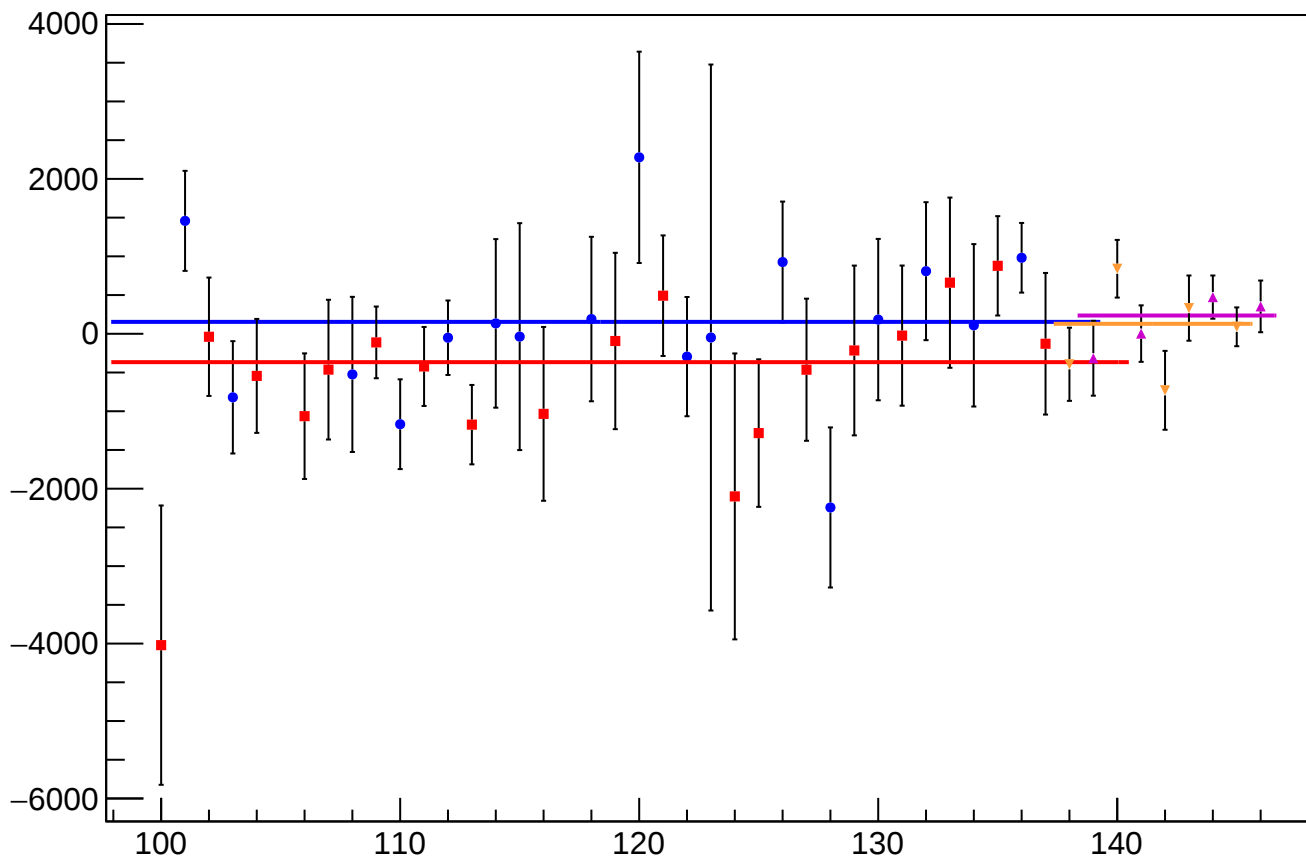
Right: 50.225 ± 0.010 $\chi^2/\text{NDF}: 1150683.7/35$

In: 50.546 ± 0.012 $\chi^2/\text{NDF}: 635692.4/20$

Out: 48.873 ± 0.011 $\chi^2/\text{NDF}: 692336.3/23$

All: 49.659 ± 0.008 $\chi^2/\text{NDF}: 1339032.4/44$

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: 235.867 $\pm$ 172.418 χ^2 /NDF:2.6/3

Left: 179.659 $\pm$ 118.875 χ^2 /NDF: 10.7/8

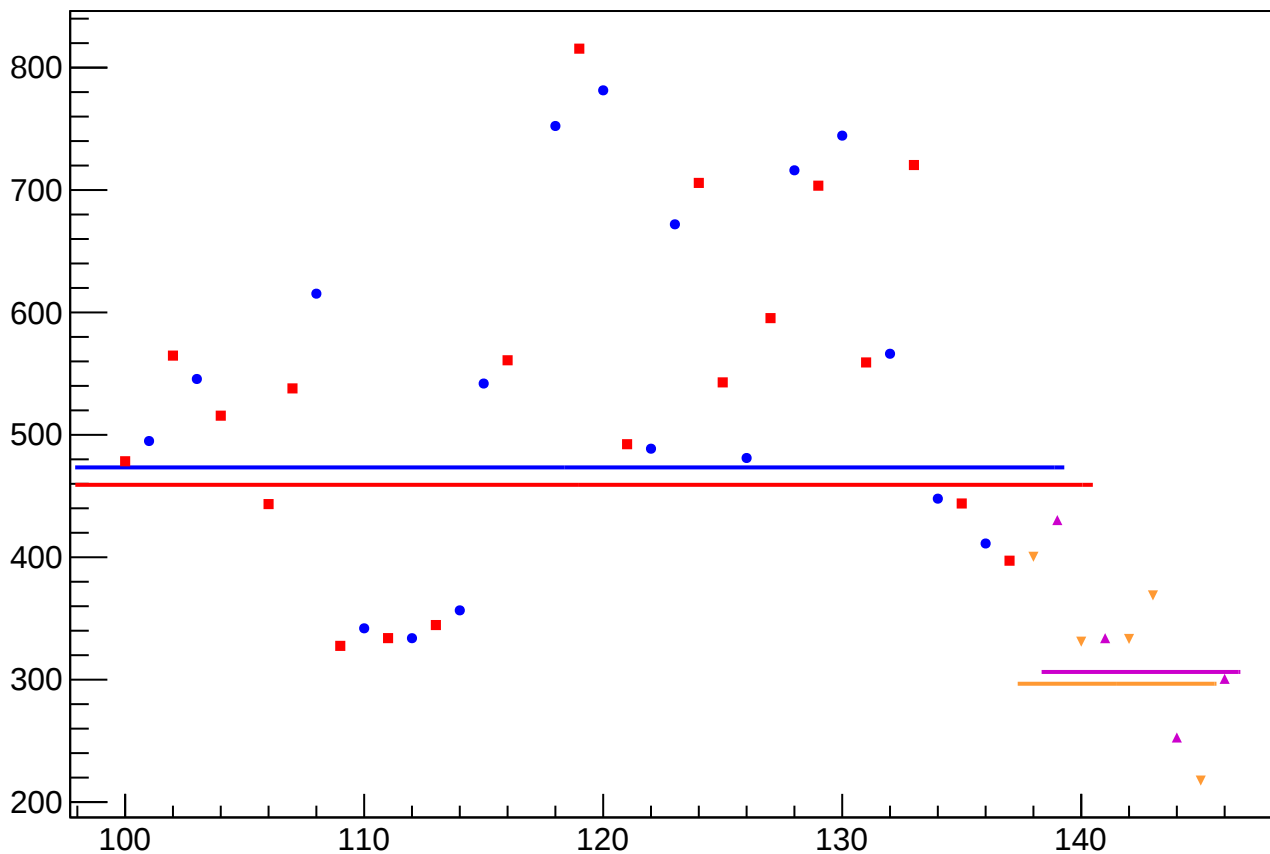
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 198.817 $\pm$ 127.671 χ^2 /NDF:27.5/20

Out: -97.471 $\pm$ 120.940 χ^2 /NDF:28.3/23

All: 42.657 $\pm$ 87.801 χ^2 /NDF: 58.6/44

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: 306.307 $\pm$ 0.122 χ^2 /NDF: 217550.2/3

Left: 301.254 $\pm$ 0.084 χ^2 /NDF: 602866.1/8

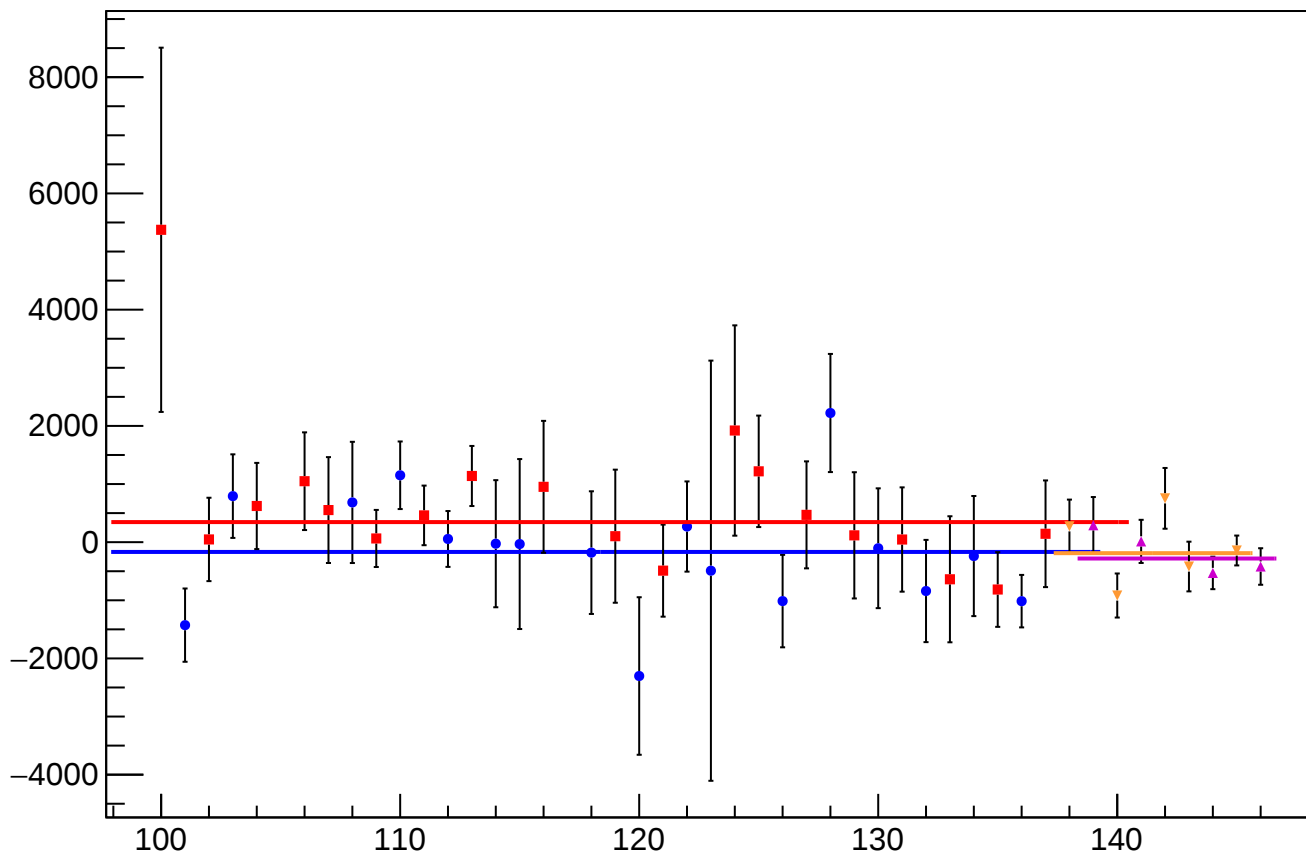
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 381.785 $\pm$ 0.090 χ^2 /NDF: 1981001.0/20

Out: 370.935 $\pm$ 0.086 χ^2 /NDF: 2284555.7/23

All: 376.067 $\pm$ 0.062 χ^2 /NDF: 4273169.6/44

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -189.096+/-166.707 χ^2/NDF : 8.3/4

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -281.277+/-170.430 χ^2/NDF : 3.0/3

Left: -234.168+/-119.174 χ^2/NDF : 11.4/8

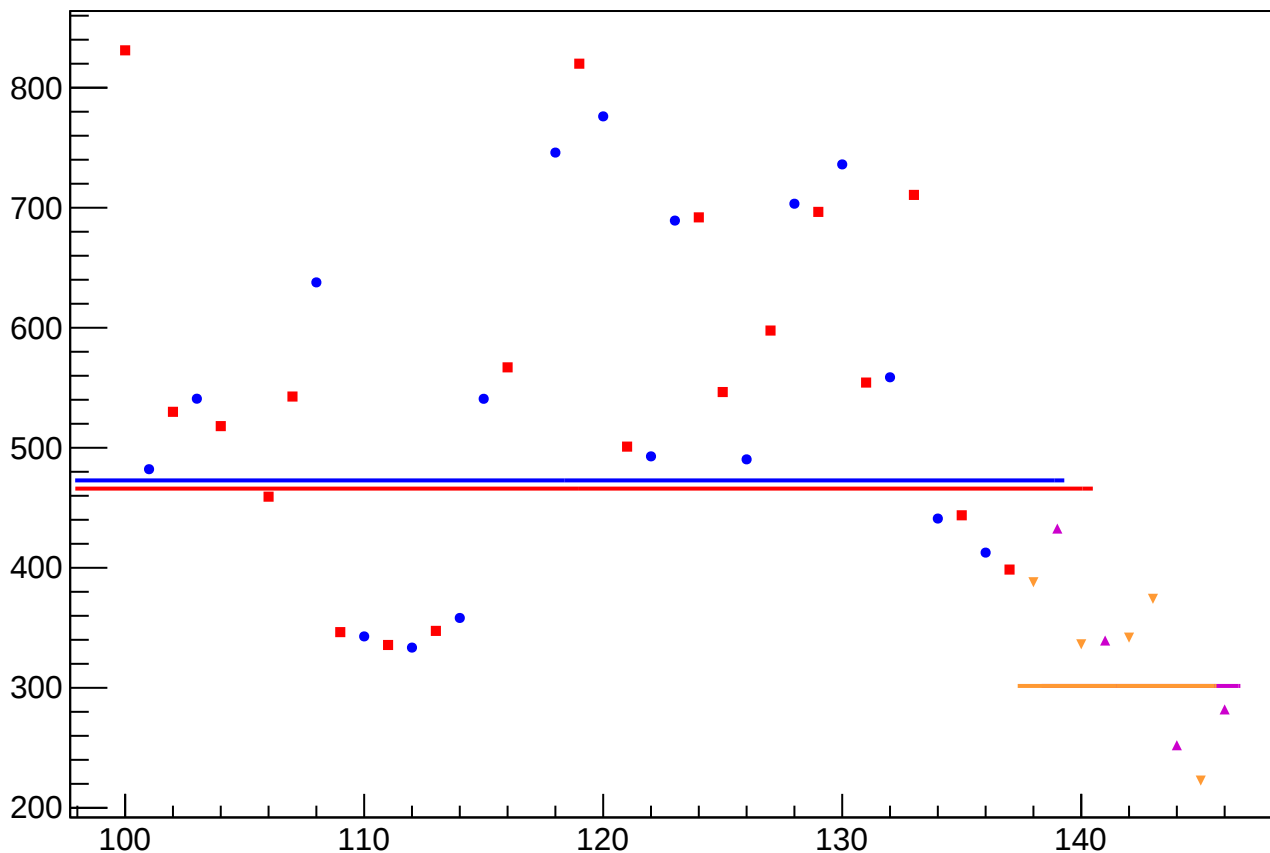
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -230.721+/-126.797 χ^2/NDF : 28.6/20

Out: 55.881+/-122.701 χ^2/NDF : 26.7/23

All: -82.717+/-88.175 χ^2/NDF : 57.9/44

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: 301.563 $\pm$ 0.121 χ^2 /NDF: 236845.3/3

Left: 301.563 $\pm$ 0.084 χ^2 /NDF: 582242.3/8

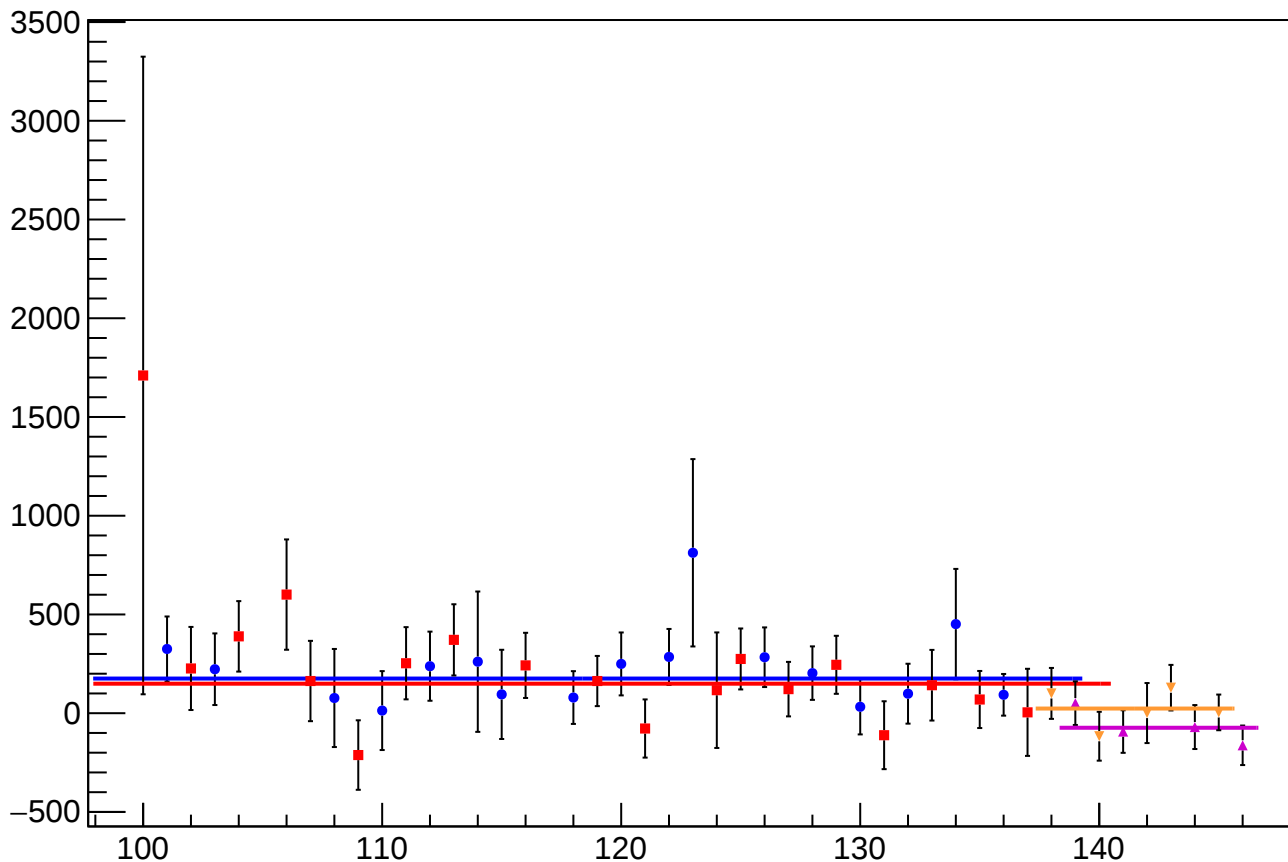
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 378.028 $\pm$ 0.090 χ^2 /NDF: 2034887.8/20

Out: 376.912 $\pm$ 0.087 χ^2 /NDF: 2179026.1/23

All: 377.452 $\pm$ 0.062 χ^2 /NDF: 4213993.9/44

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: -73.754 ± 53.549 χ^2/NDF : 2.1/3

Left: -23.894 ± 37.397 χ^2/NDF : 6.3/8

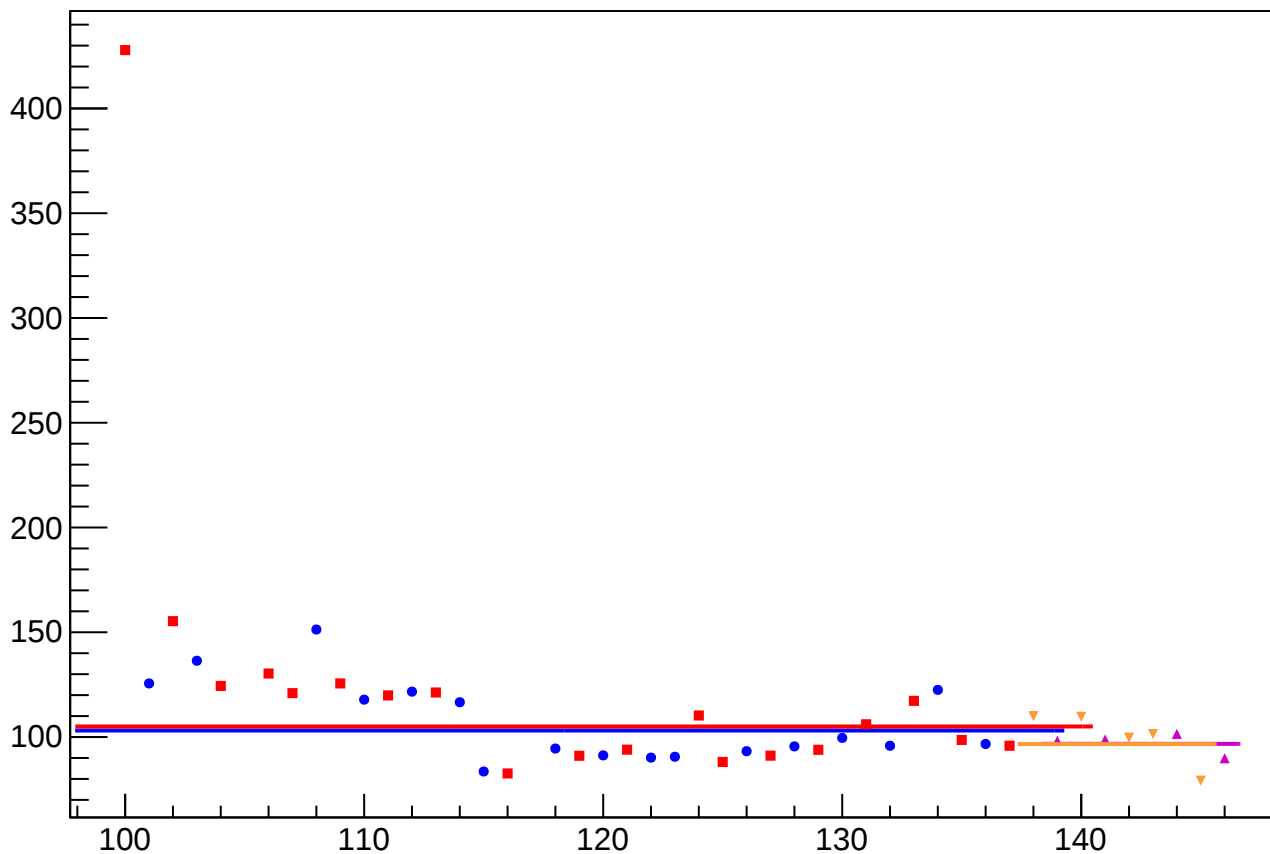
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 85.187 ± 32.230 χ^2/NDF : 24.5/20

Out: 102.453 ± 31.921 χ^2/NDF : 24.6/23

All: 93.903 ± 22.680 χ^2/NDF : 49.2/44

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: 96.751 $\pm$ 0.038 χ^2 /NDF:14268.0/3

Left: 96.694 $\pm$ 0.026 χ^2 /NDF: 136752.0/8

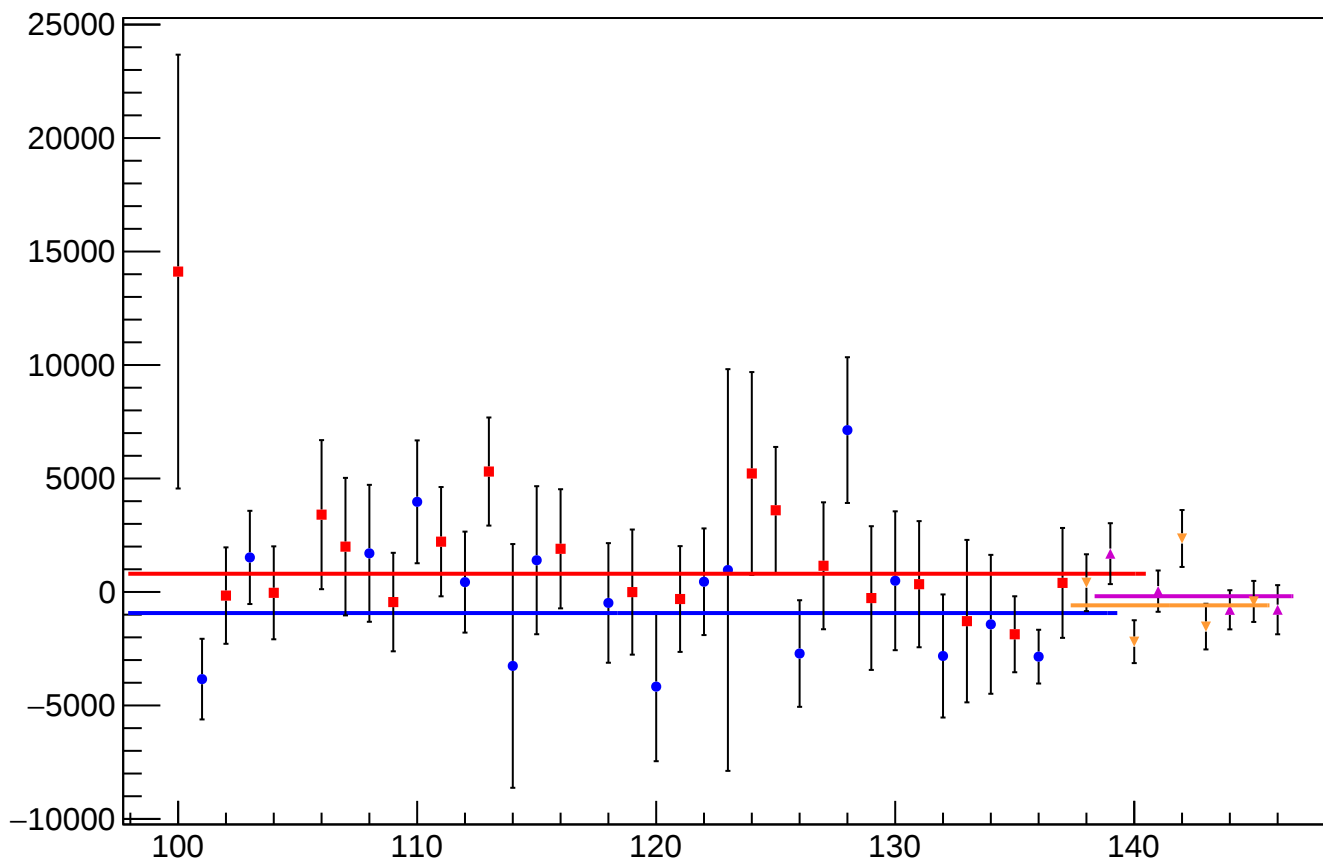
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 100.808 $\pm$ 0.023 χ^2 /NDF:338708.1/20

Out: 101.909 $\pm$ 0.023 χ^2 /NDF:603617.3/23

All: 101.363 $\pm$ 0.016 χ^2 /NDF: 943503.4/44

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: -187.176+/-502.292 χ^2/NDF : 2.8/3

Left: -403.219+/-341.602 χ^2/NDF : 13.1/8

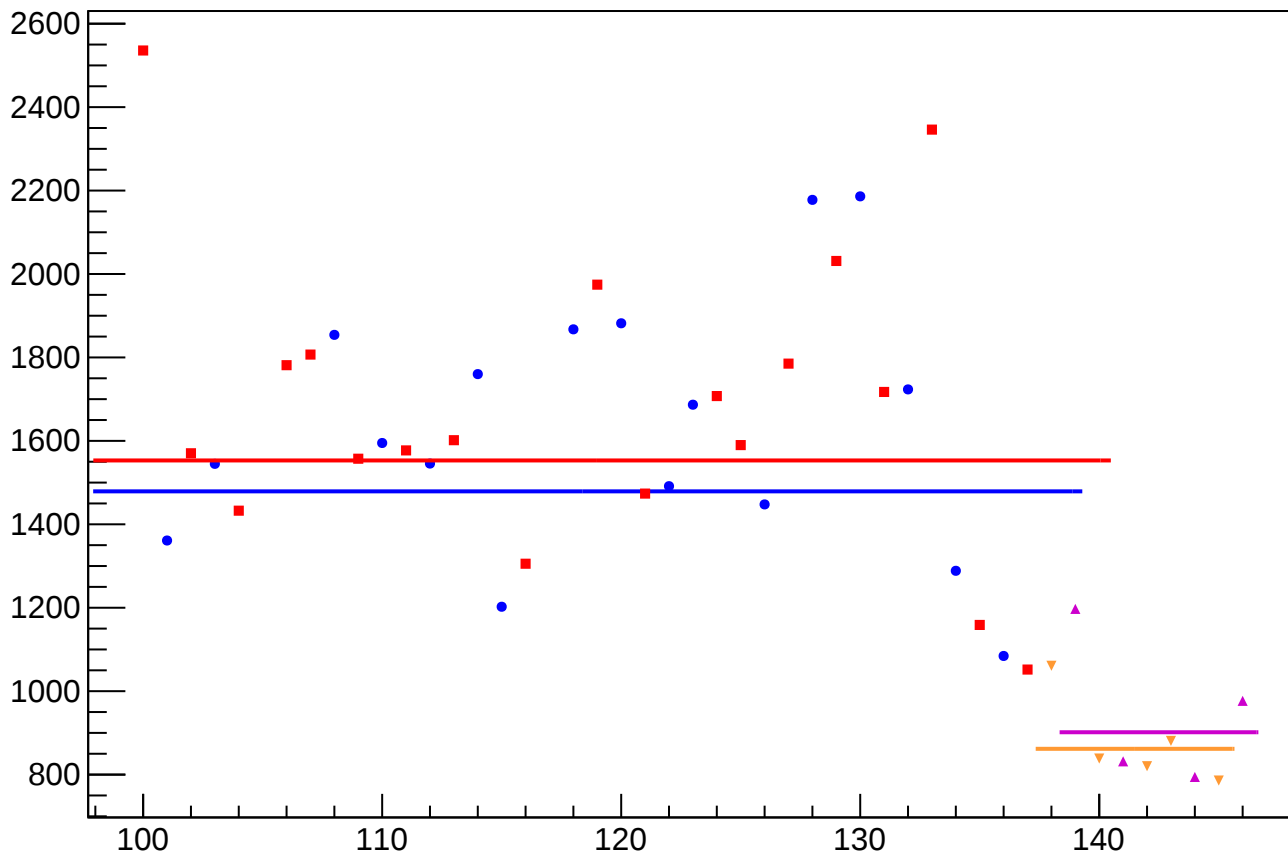
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -500.739+/-381.633 χ^2/NDF : 24.6/20

Out: -58.673+/-366.569 χ^2/NDF : 26.2/23

All: -270.809+/-264.368 χ^2/NDF : 51.5/44

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: 901.551+/-0.355 χ^2/NDF : 149489.3/3

Left: 880.204+/-0.242 χ^2/NDF : 225034.1/8

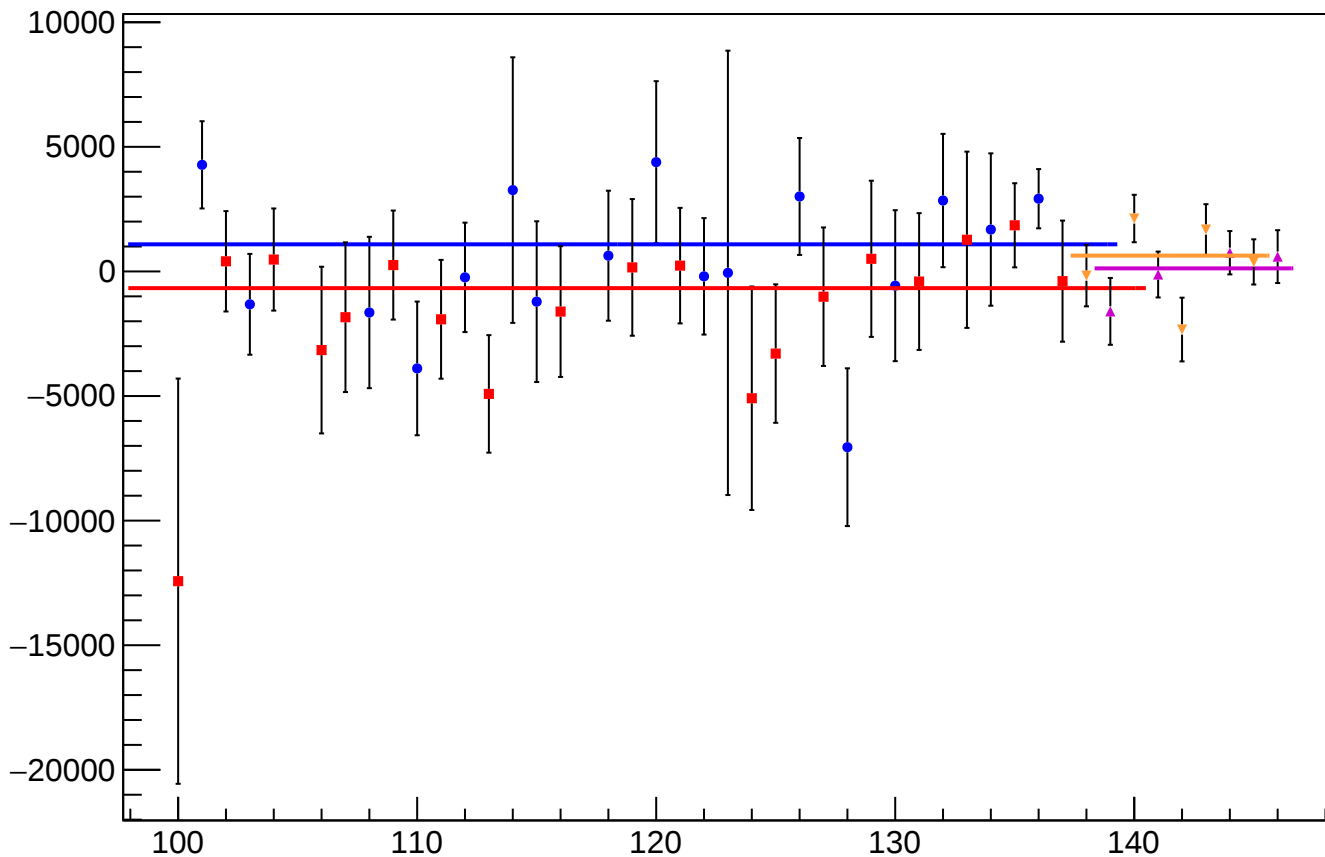
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1145.652+/-0.270 χ^2/NDF : 1856472.5/20

Out: 1125.251+/-0.259 χ^2/NDF : 2229971.6/23

All: 1135.041+/-0.187 χ^2/NDF : 4089416.7/44

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: 123.059 $\pm$ 503.163 χ^2 /NDF:2.4/3

Left: 396.793 $\pm$ 342.944 χ^2 /NDF: 12.4/8

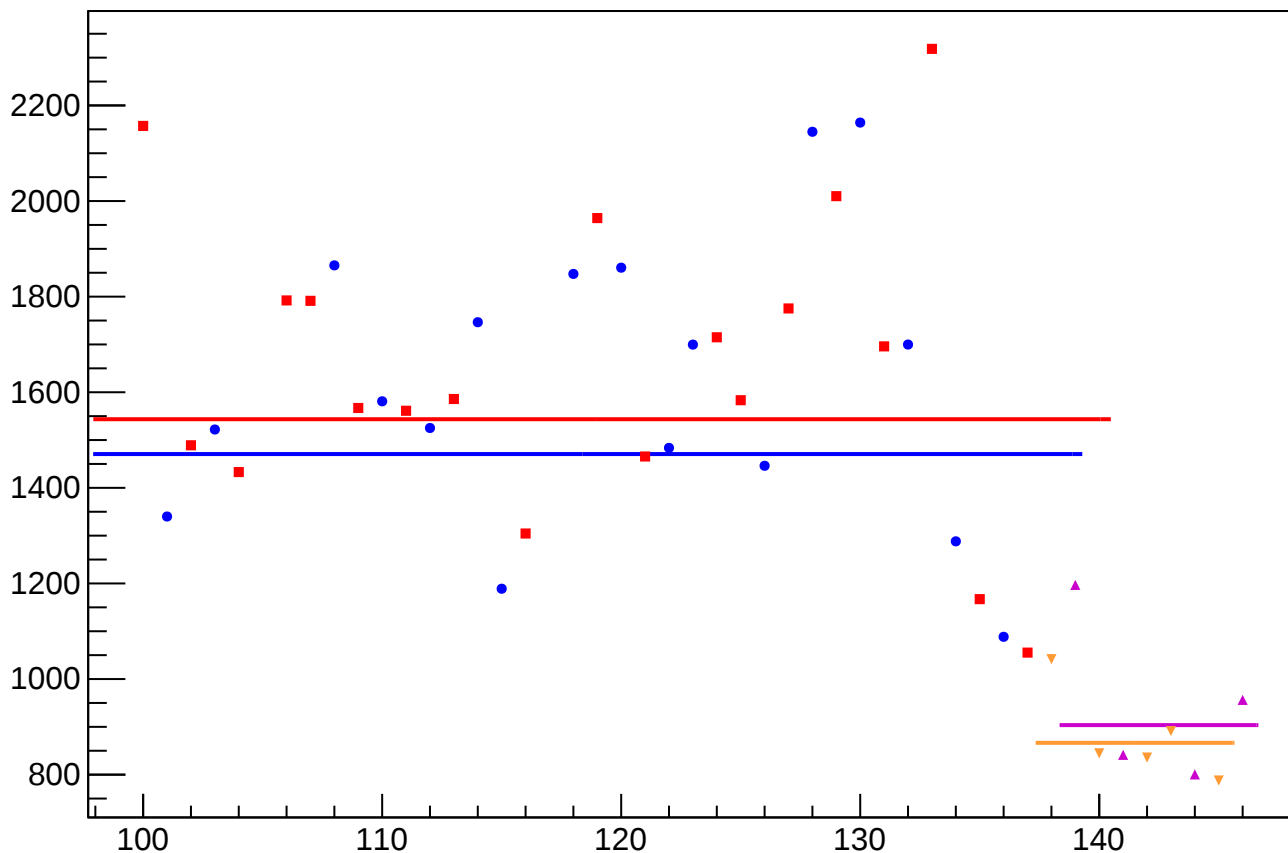
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 534.714 $\pm$ 381.005 χ^2 /NDF:25.9/20

Out: 129.607 $\pm$ 366.974 χ^2 /NDF:24.4/23

All: 324.564 $\pm$ 264.311 χ^2 /NDF: 50.9/44

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: 903.631 $\pm$ 0.356 χ^2 /NDF: 137874.8/3

Left: 883.798 $\pm$ 0.242 χ^2 /NDF: 202475.5/8

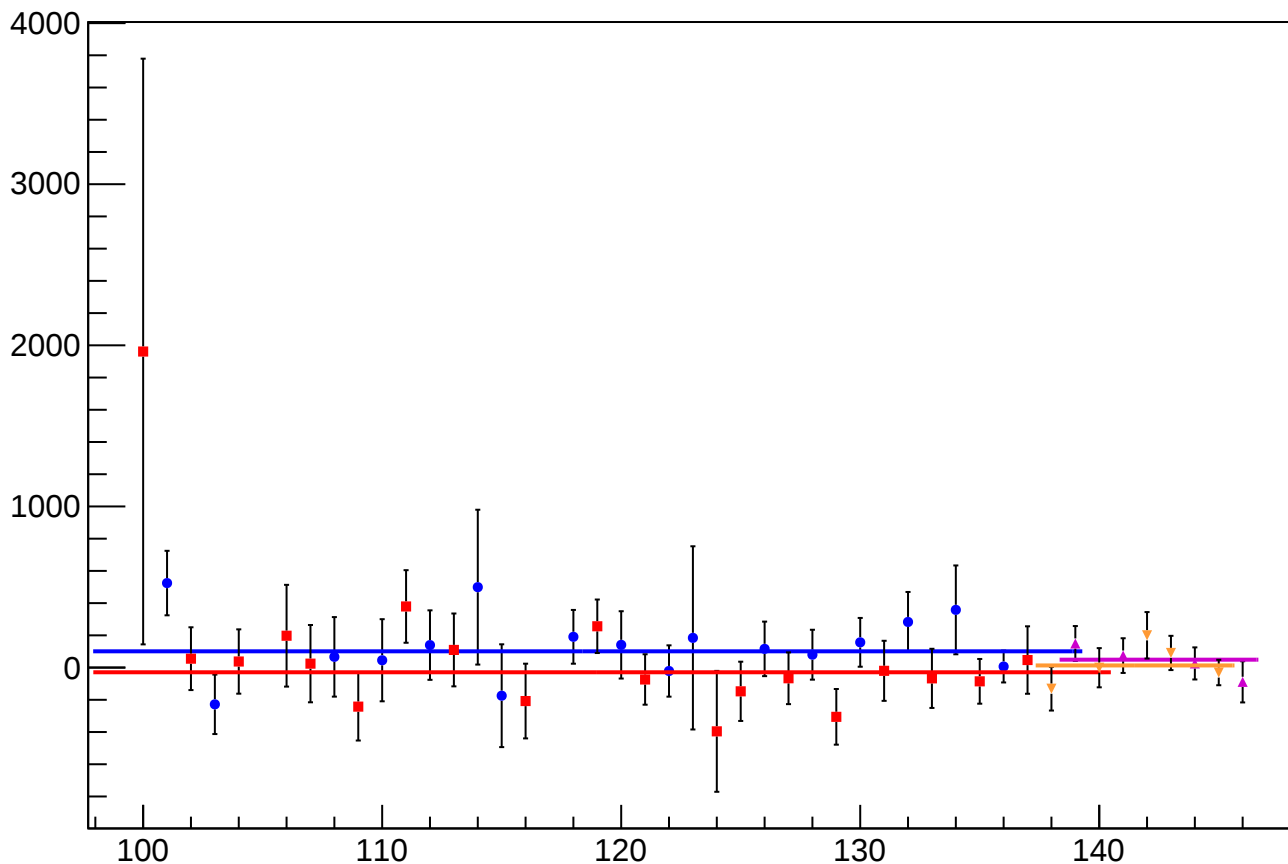
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1145.545 $\pm$ 0.269 χ^2 /NDF: 1789273.5/20

Out: 1128.511 $\pm$ 0.259 χ^2 /NDF: 2127616.3/23

All: 1136.708 $\pm$ 0.187 χ^2 /NDF: 3918963.5/44

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: 48.981 ± 54.739 $\chi^2/\text{NDF}: 2.1/3$

Left: 29.088 ± 36.445 $\chi^2/\text{NDF}: 6.0/8$

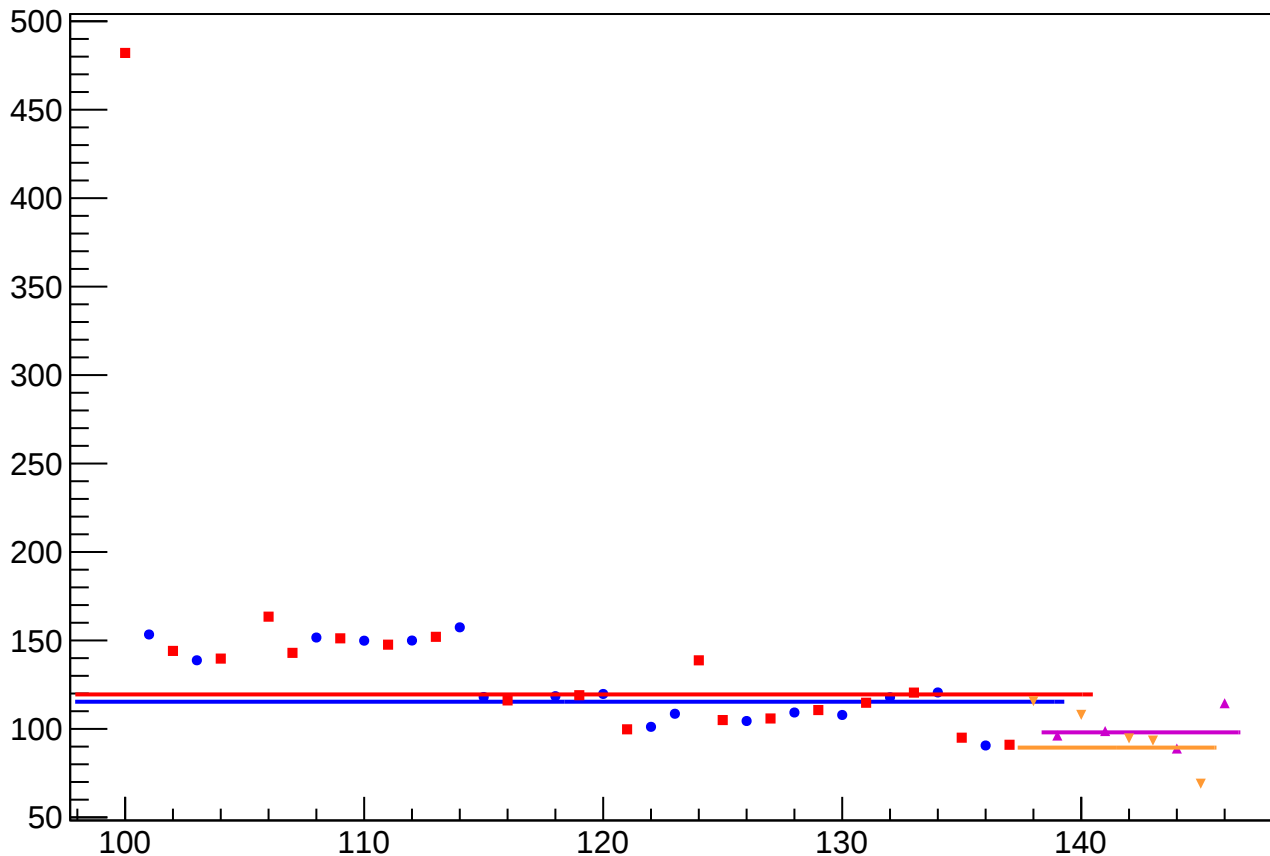
Right: 36.472 ± 32.165 $\chi^2/\text{NDF}: 31.8/35$

In: 79.816 ± 34.892 $\chi^2/\text{NDF}: 15.7/20$

Out: -9.362 ± 33.369 $\chi^2/\text{NDF}: 18.8/23$

All: 33.239 ± 24.116 $\chi^2/\text{NDF}: 37.9/44$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 89.439 $\pm$ 0.035 χ^2 /NDF:260182.9/4

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 98.050 $\pm$ 0.039 χ^2 /NDF:50721.6/3

Left: 93.256 $\pm$ 0.026 χ^2 /NDF: 338460.5/8

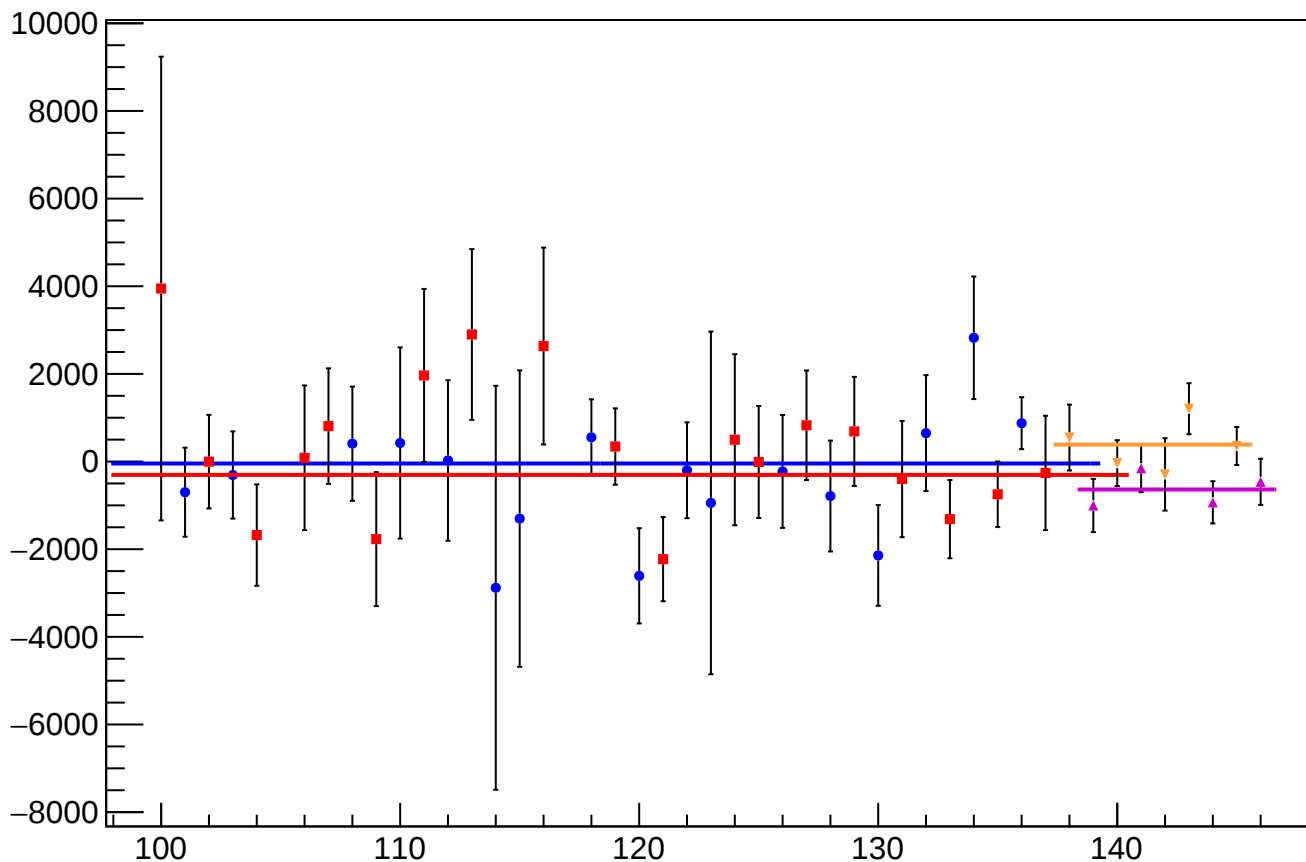
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 108.331 $\pm$ 0.025 χ^2 /NDF:580912.7/20

Out: 105.465 $\pm$ 0.024 χ^2 /NDF:1141926.8/23

All: 106.834 $\pm$ 0.017 χ^2 /NDF: 1729885.2/44

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: -637.363 ± 267.333 $\chi^2/\text{NDF}: 1.6/3$

Left: -104.492 ± 185.133 $\chi^2/\text{NDF}: 12.6/8$

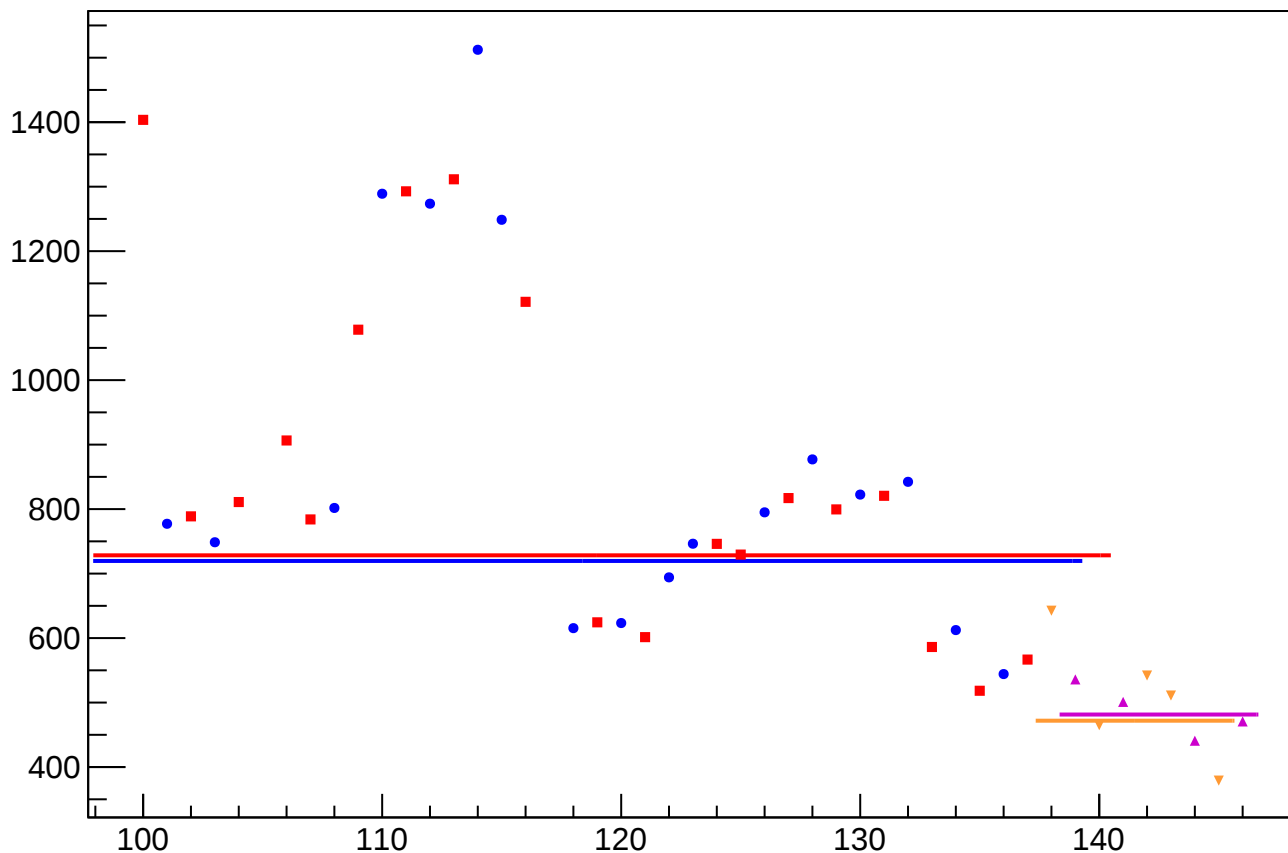
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -361.227 ± 195.390 $\chi^2/\text{NDF}: 21.8/20$

Out: 74.234 ± 190.017 $\chi^2/\text{NDF}: 24.1/23$

All: -137.427 ± 136.222 $\chi^2/\text{NDF}: 48.4/44$

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: 481.455 $\pm$ 0.189 χ^2 /NDF:33738.0/3

Left: 476.480 $\pm$ 0.131 χ^2 /NDF: 253913.9/8

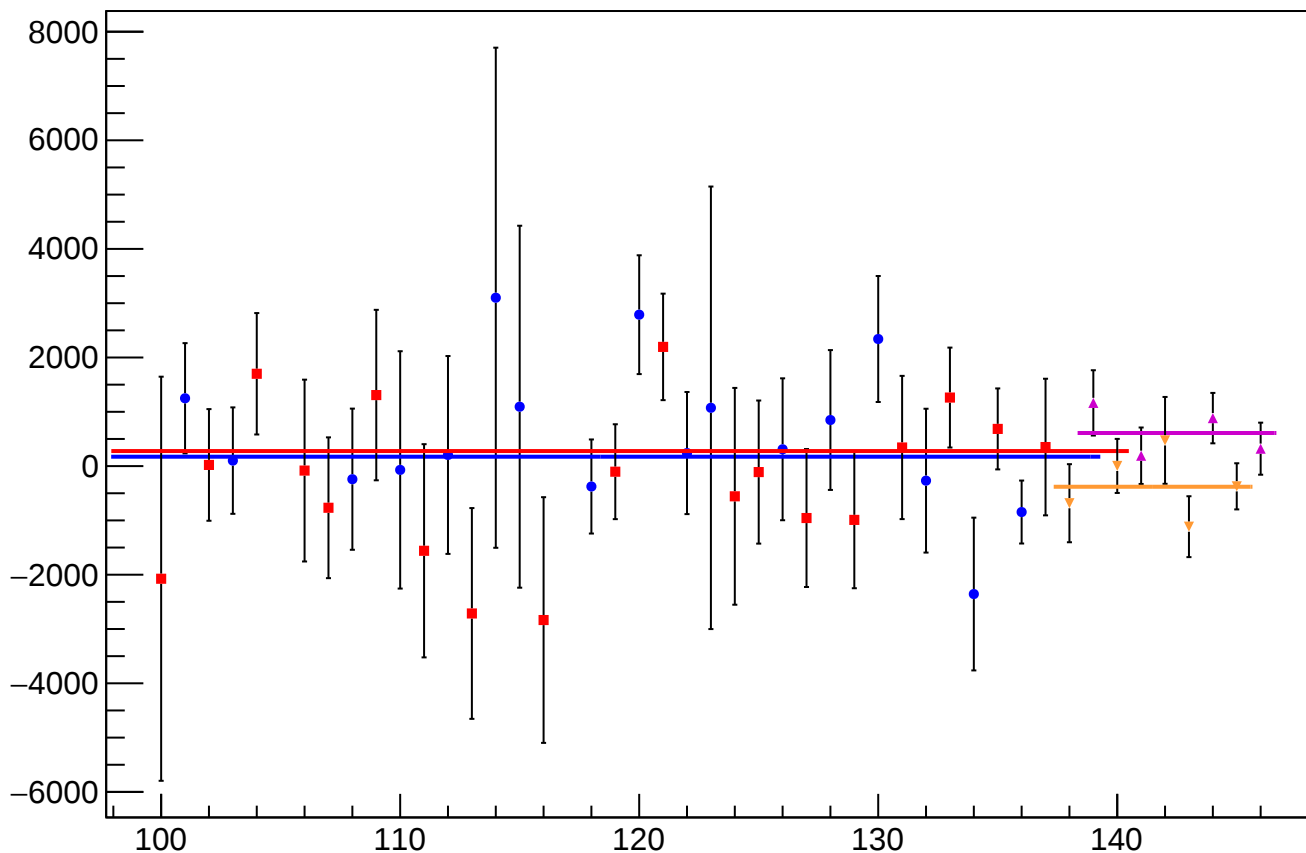
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 592.388 $\pm$ 0.138 χ^2 /NDF:1520014.2/20

Out: 587.743 $\pm$ 0.134 χ^2 /NDF:2034659.0/23

All: 590.001 $\pm$ 0.096 χ^2 /NDF: 3555254.0/44

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: 609.678 $\pm$ 254.345 χ^2 /NDF:2.2/3

Left: 102.287 $\pm$ 177.576 χ^2 /NDF: 13.6/8

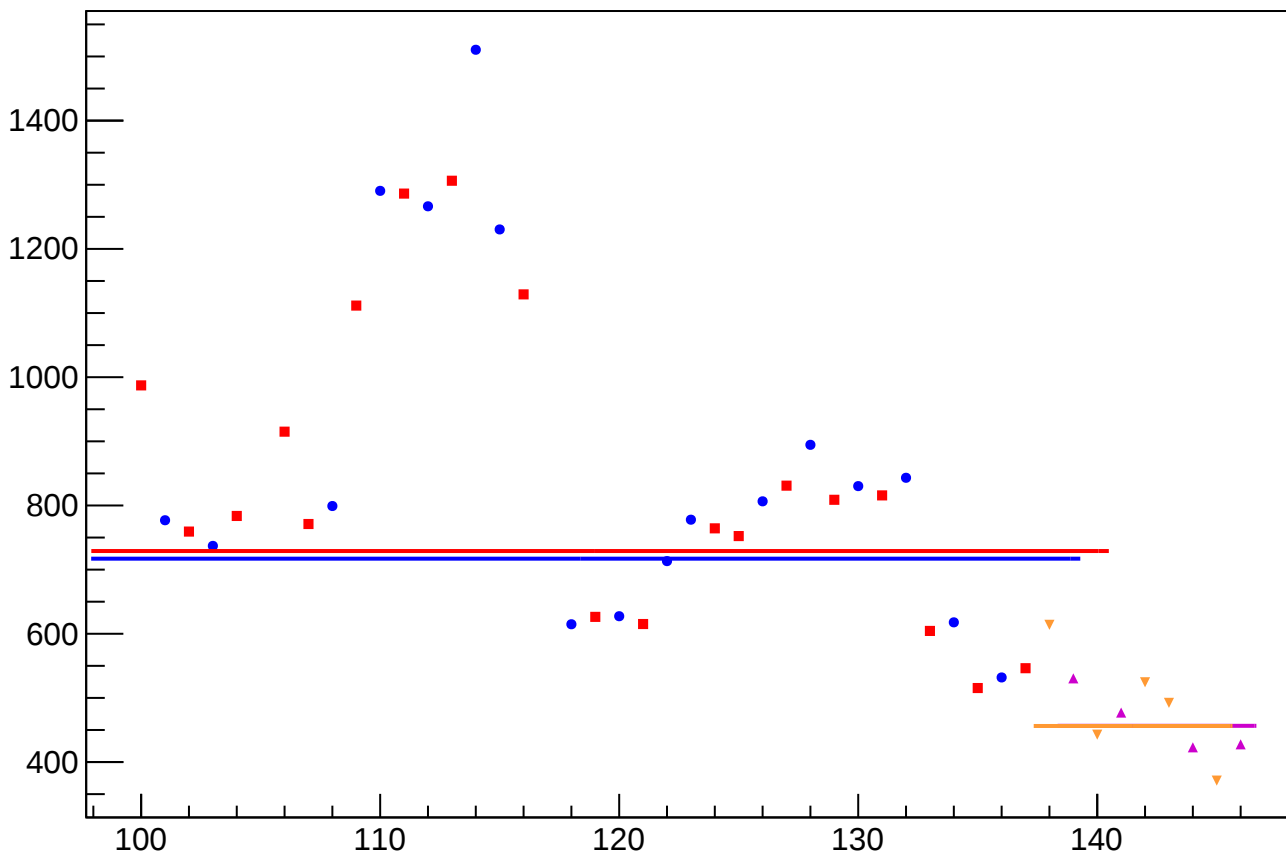
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 416.667 $\pm$ 189.963 χ^2 /NDF:21.6/20

Out: -94.332 $\pm$ 186.453 χ^2 /NDF:22.7/23

All: 156.403 $\pm$ 133.066 χ^2 /NDF: 48.0/44

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: 456.493 $\pm$ 0.180 χ^2 /NDF: 51098.5/3

Left: 456.364 $\pm$ 0.126 χ^2 /NDF: 251957.4/8

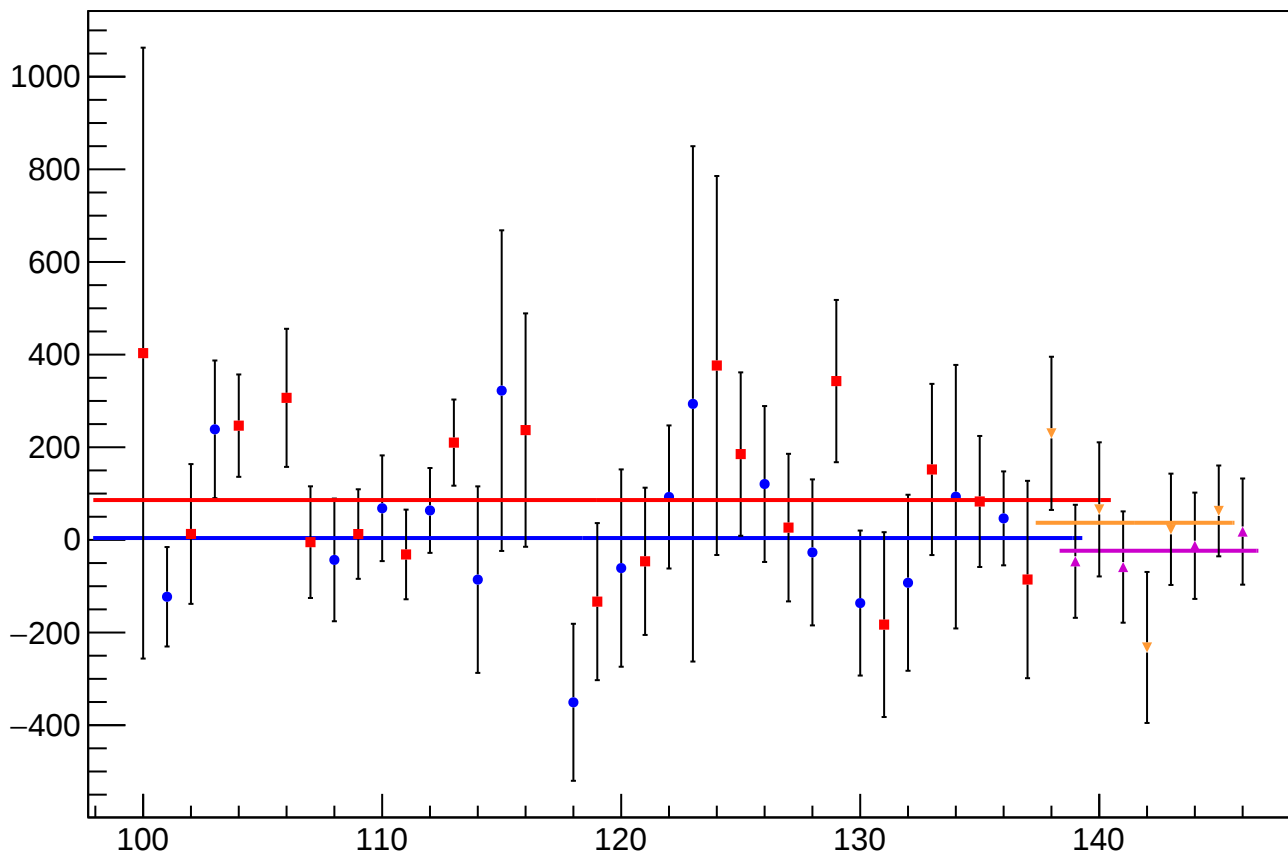
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 571.722 $\pm$ 0.134 χ^2 /NDF: 1761871.1/20

Out: 574.864 $\pm$ 0.132 χ^2 /NDF: 2143390.3/23

All: 573.322 $\pm$ 0.094 χ^2 /NDF: 3905540.1/44

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 36.960 ± 58.201 $\chi^2/\text{NDF}: 4.2/4$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: -23.427 ± 58.876 $\chi^2/\text{NDF}: 0.3/3$

Left: 7.115 ± 41.391 $\chi^2/\text{NDF}: 5.0/8$

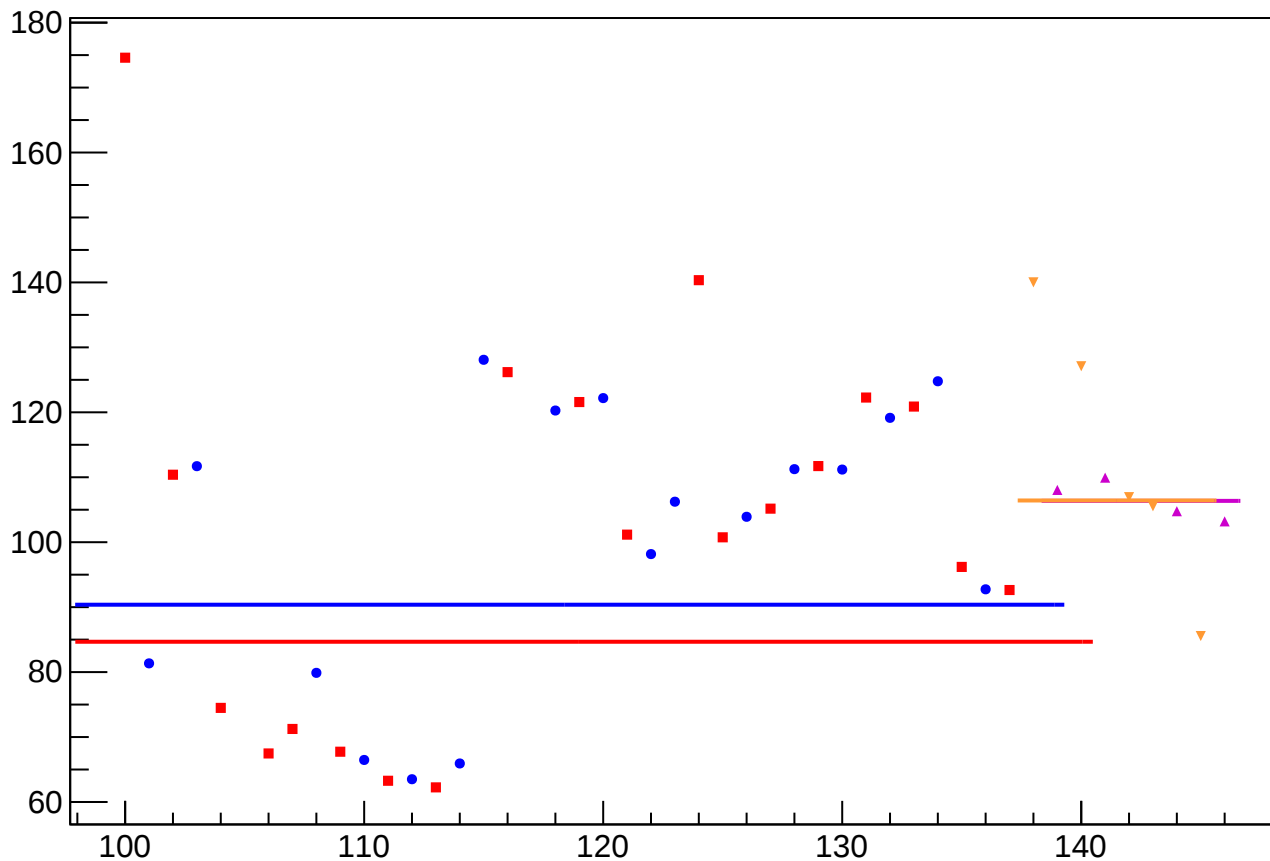
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: -3.441 ± 30.682 $\chi^2/\text{NDF}: 13.1/20$

Out: 73.882 ± 28.949 $\chi^2/\text{NDF}: 22.3/23$

All: 37.466 ± 21.056 $\chi^2/\text{NDF}: 38.8/44$

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: 106.363 $\pm$ 0.042 χ^2/NDF : 4055.4/3

Left: 106.394 $\pm$ 0.029 χ^2/NDF : 218125.8/8

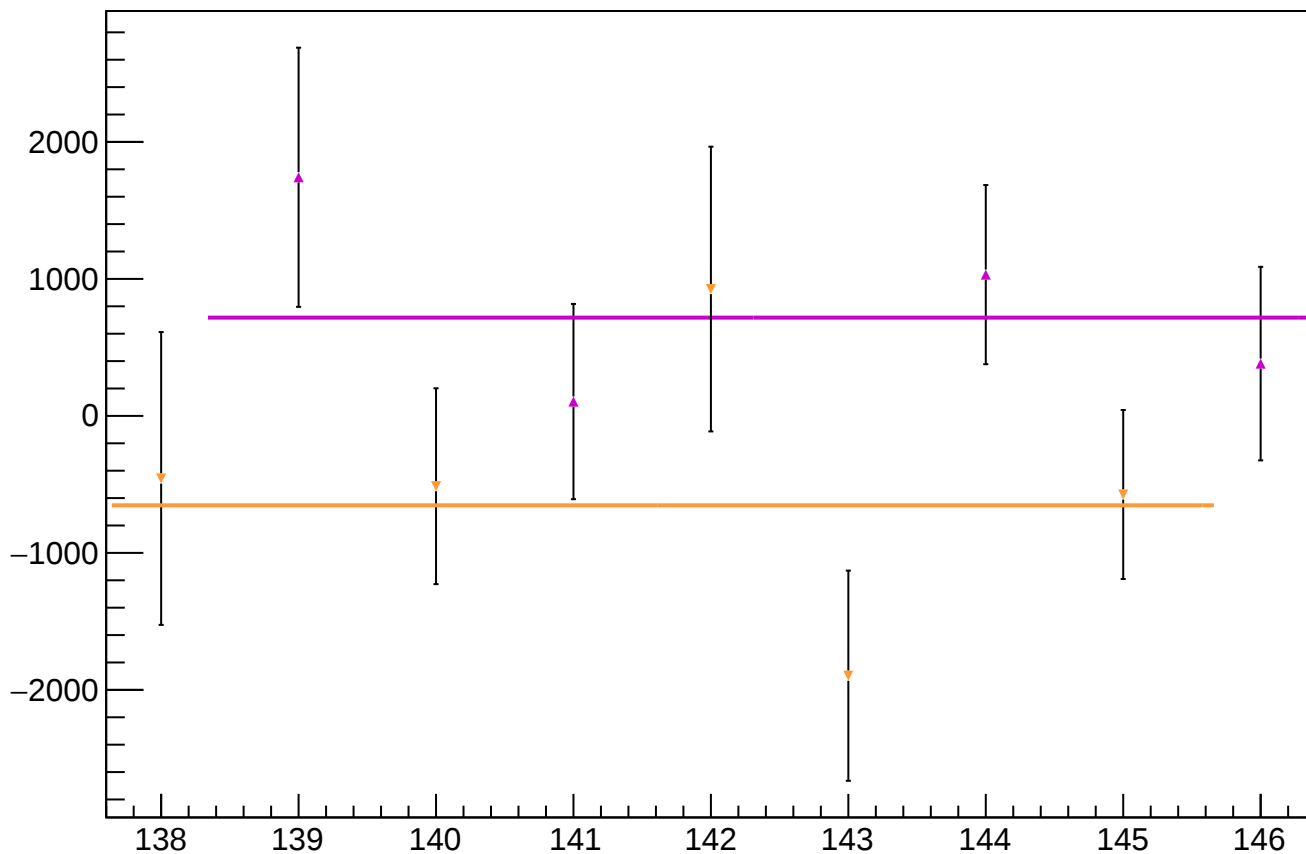
Right: 87.312 $\pm$ 0.017 χ^2/NDF : 1589292.9/35

In: 94.717 $\pm$ 0.022 χ^2/NDF : 765625.5/20

Out: 90.054 $\pm$ 0.020 χ^2/NDF : 1332428.5/23

All: 92.250 $\pm$ 0.015 χ^2/NDF : 2122491.8/44

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -652.637+/-351.710 χ^2/NDF :5.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 717.385+/-366.911 χ^2/NDF :2.4/3

Left: 3.406+/-253.901 χ^2/NDF : 14.7/8

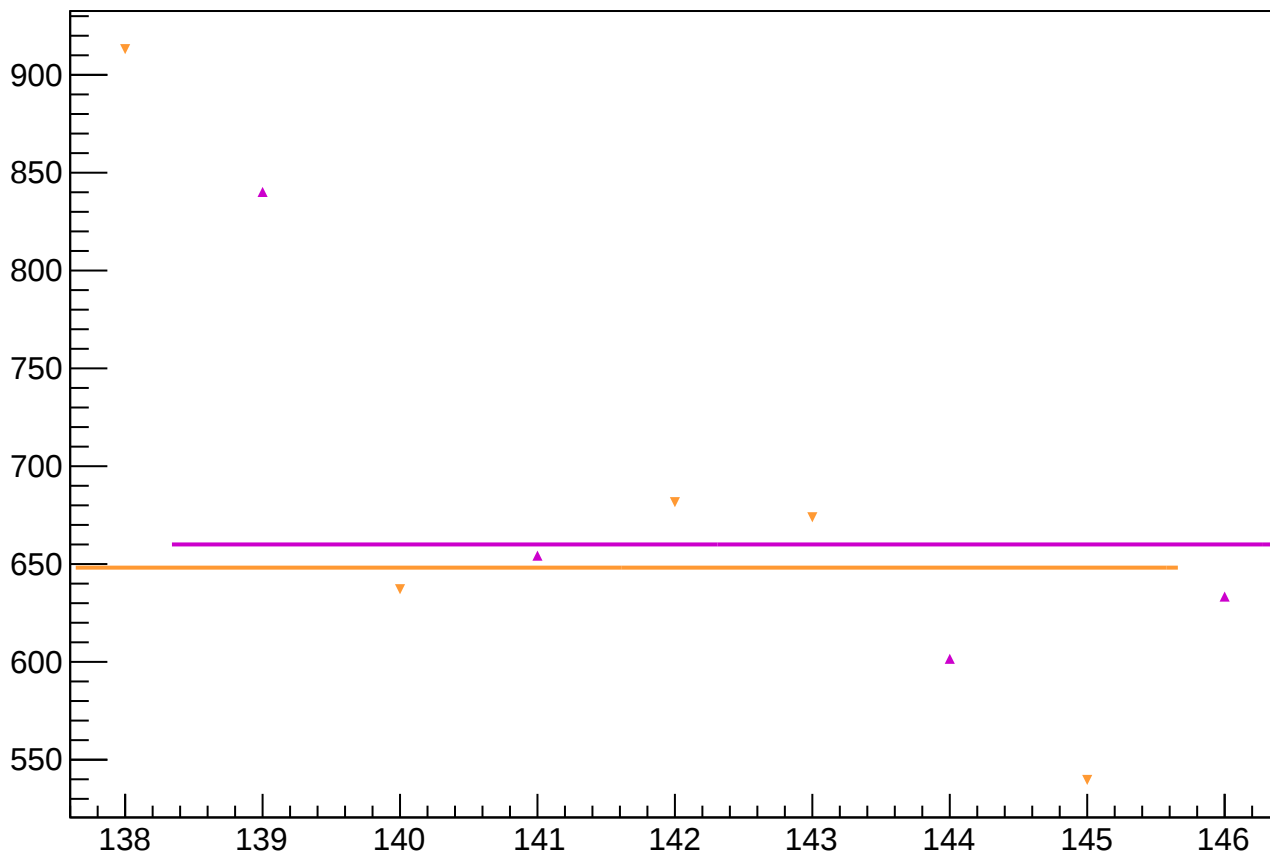
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 717.385+/-366.911 χ^2/NDF :2.4/3

Out: -652.637+/-351.710 χ^2/NDF :5.0/4

All: 3.406+/-253.901 χ^2/NDF : 14.7/8

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 648.166+/-0.249 χ^2/NDF :189572.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 660.019+/-0.259 χ^2/NDF :91469.2/3

Left: 653.842+/-0.180 χ^2/NDF : 282129.7/8

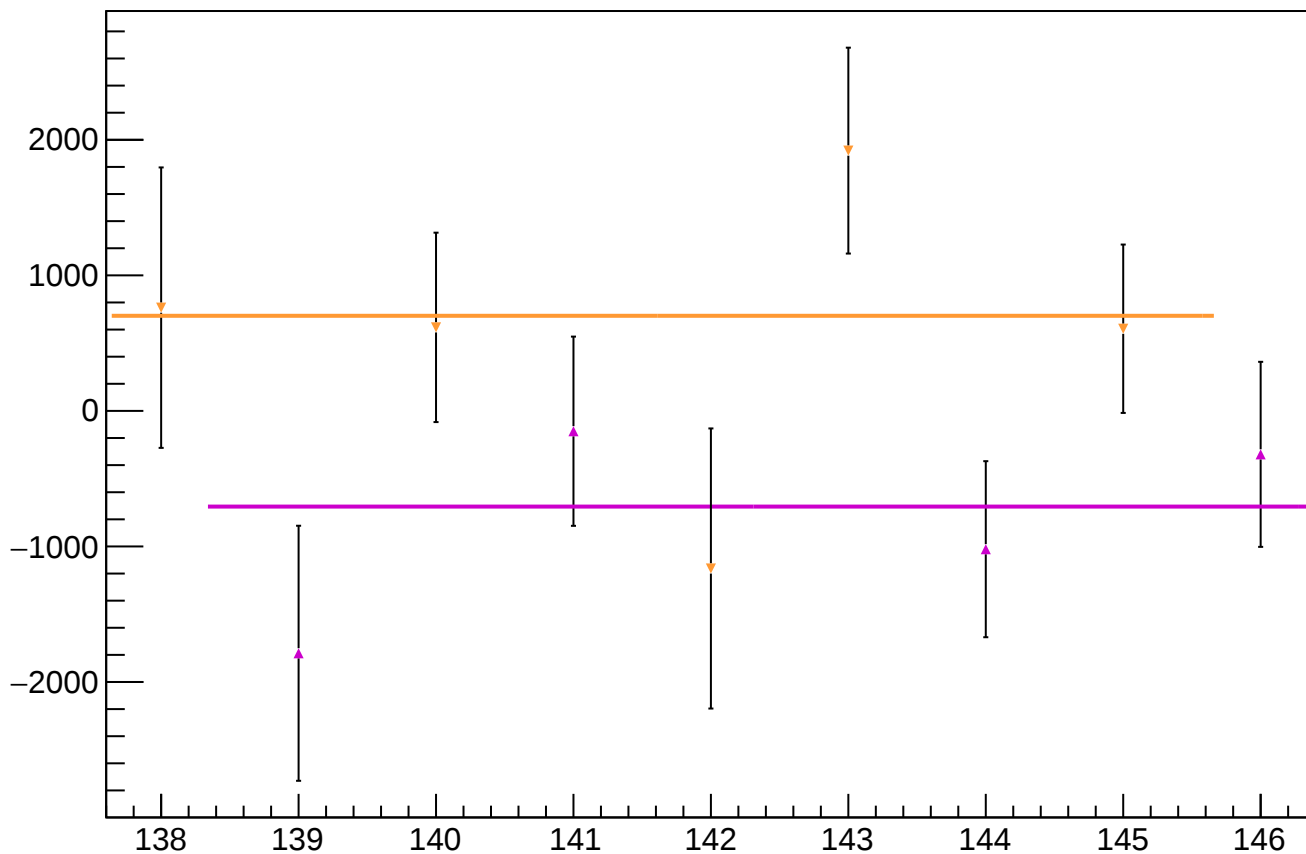
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 660.019+/-0.259 χ^2/NDF :91469.2/3

Out: 648.166+/-0.249 χ^2/NDF :189572.7/4

All: 653.842+/-0.180 χ^2/NDF : 282129.7/8

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-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: -705.881+/-360.399 χ^2/NDF : 2.5/3

Left: 22.018+/-250.438 χ^2/NDF : 16.3/8

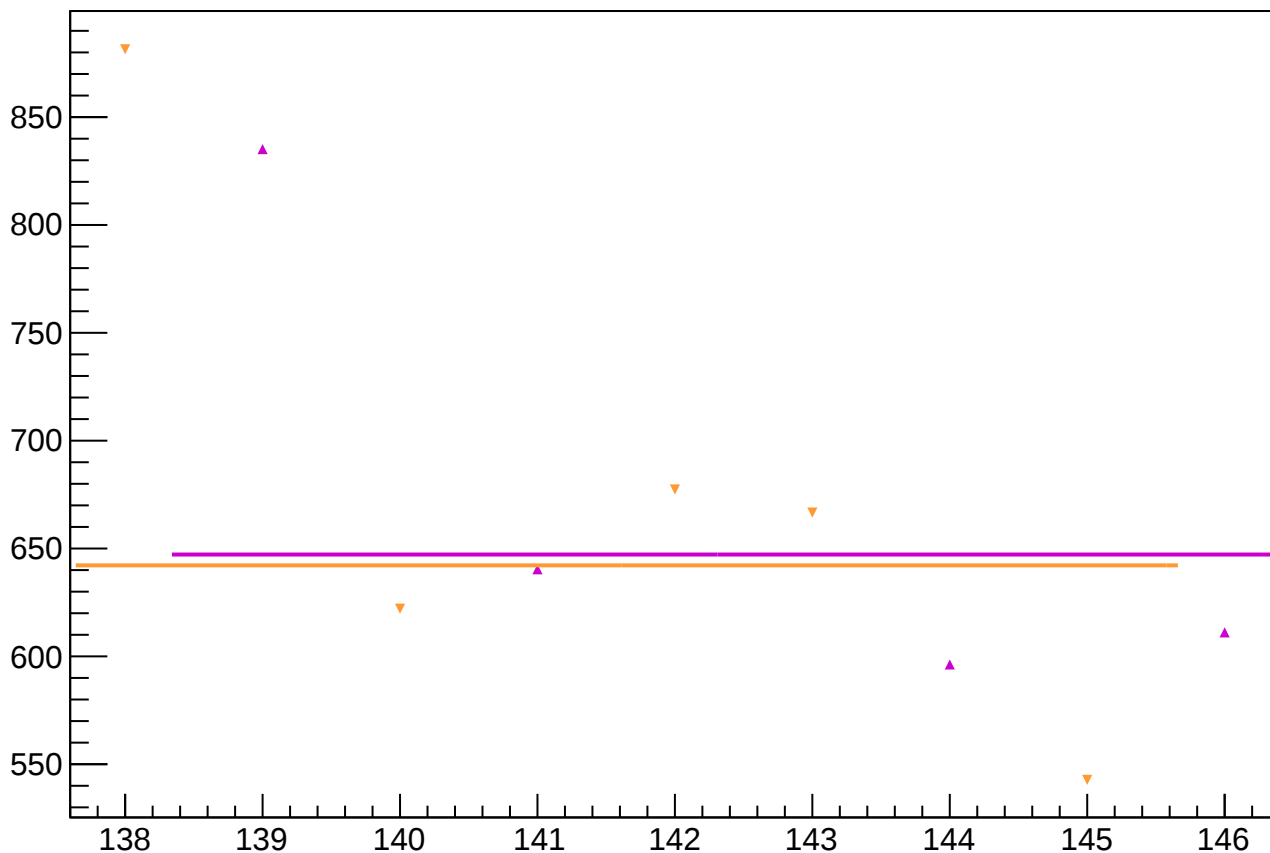
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -705.881+/-360.399 χ^2/NDF : 2.5/3

Out: 701.699+/-348.258 χ^2/NDF : 5.9/4

All: 22.018+/-250.438 χ^2/NDF : 16.3/8

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 642.200+/-0.246 χ^2/NDF :164295.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Left: 644.621+/-0.177 χ^2/NDF : 262413.9/8

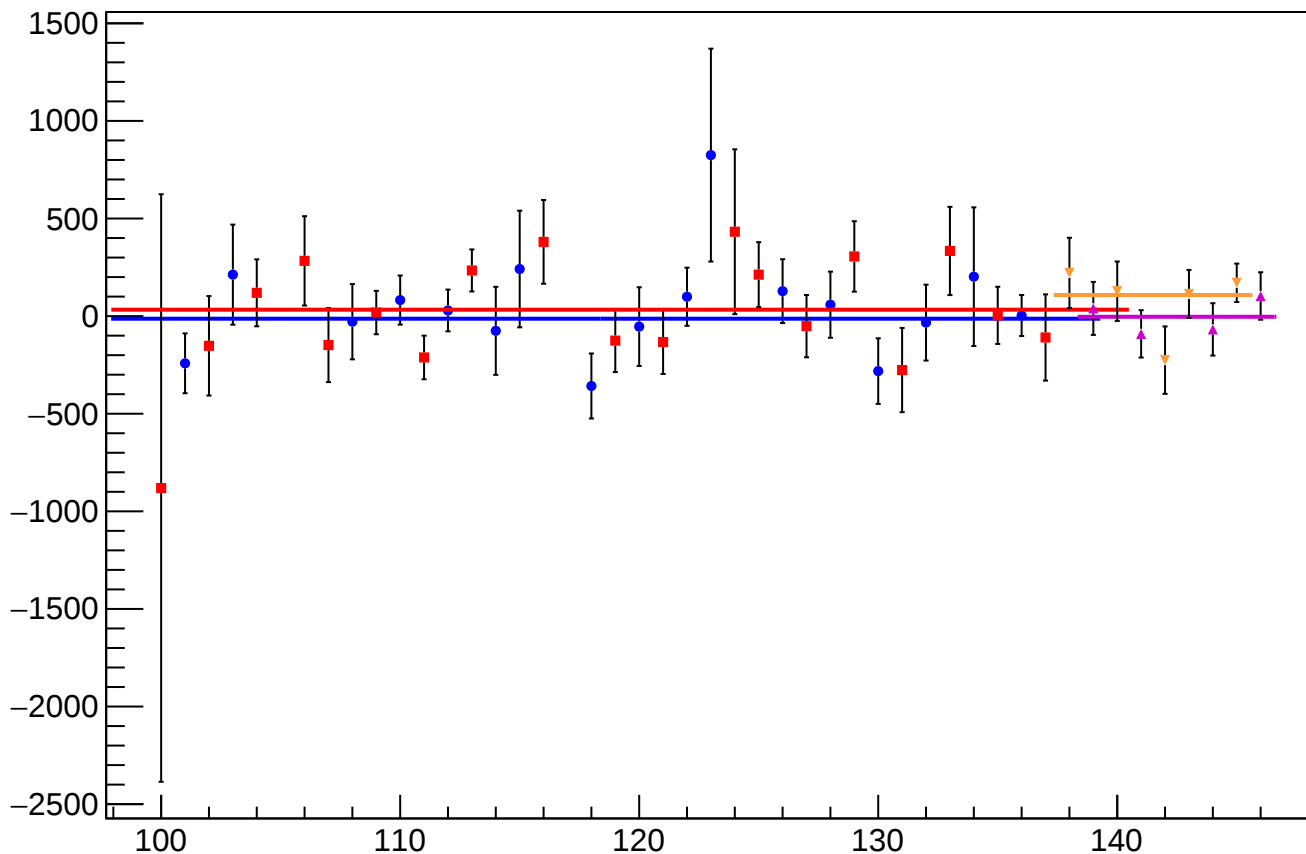
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 647.213+/-0.255 χ^2/NDF :97918.2/3

Out: 642.200+/-0.246 χ^2/NDF :164295.5/4

All: 644.621+/-0.177 χ^2/NDF : 262413.9/8

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 108.077 ± 60.079 χ^2/NDF : 4.6/4

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: -3.355 ± 63.821 χ^2/NDF : 1.6/3

Left: 55.724 ± 43.745 χ^2/NDF : 7.8/8

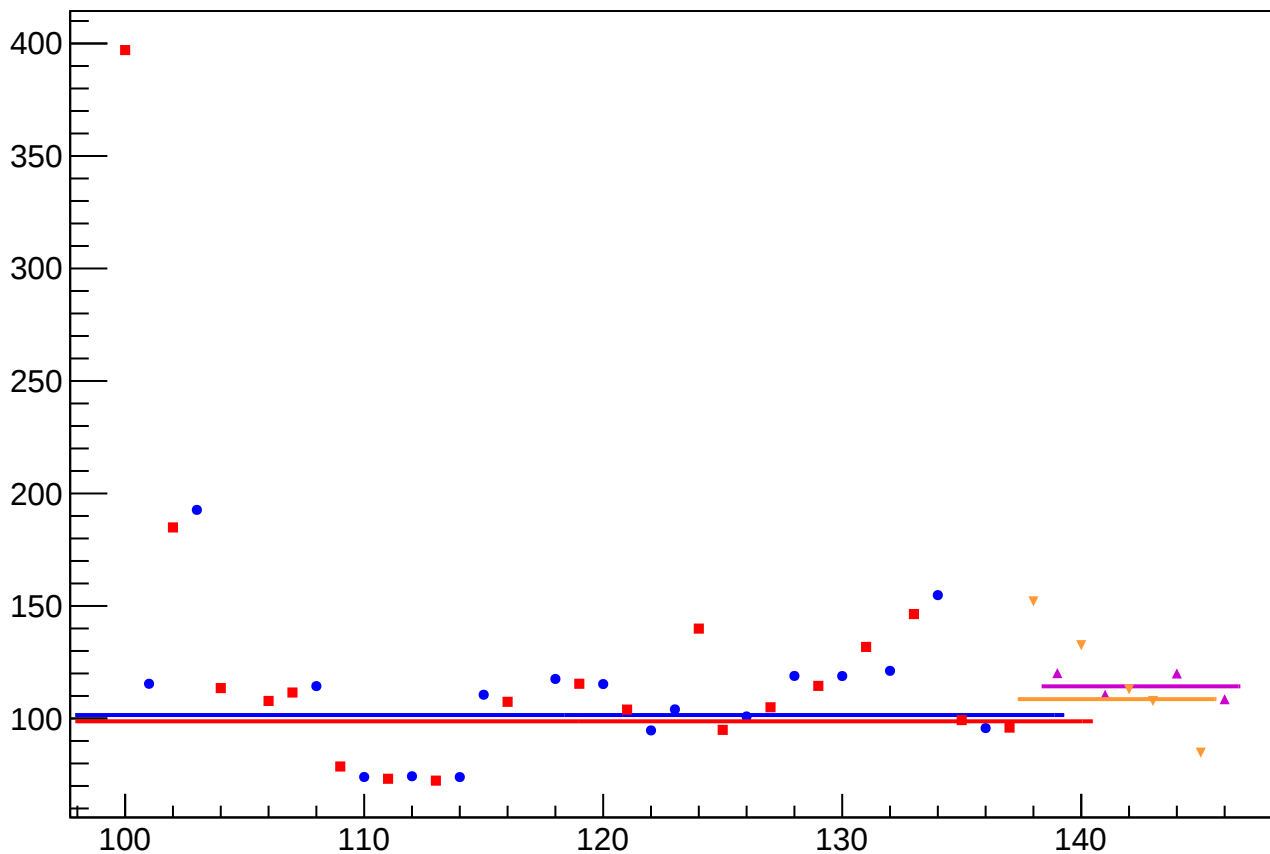
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: -10.379 ± 34.228 χ^2/NDF : 17.3/20

Out: 55.179 ± 32.640 χ^2/NDF : 30.7/23

All: 23.956 ± 23.621 χ^2/NDF : 50.0/44

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: 114.275 $\pm$ 0.045 χ^2 /NDF: 13718.7/3

Left: 111.265 $\pm$ 0.031 χ^2 /NDF: 306759.6/8

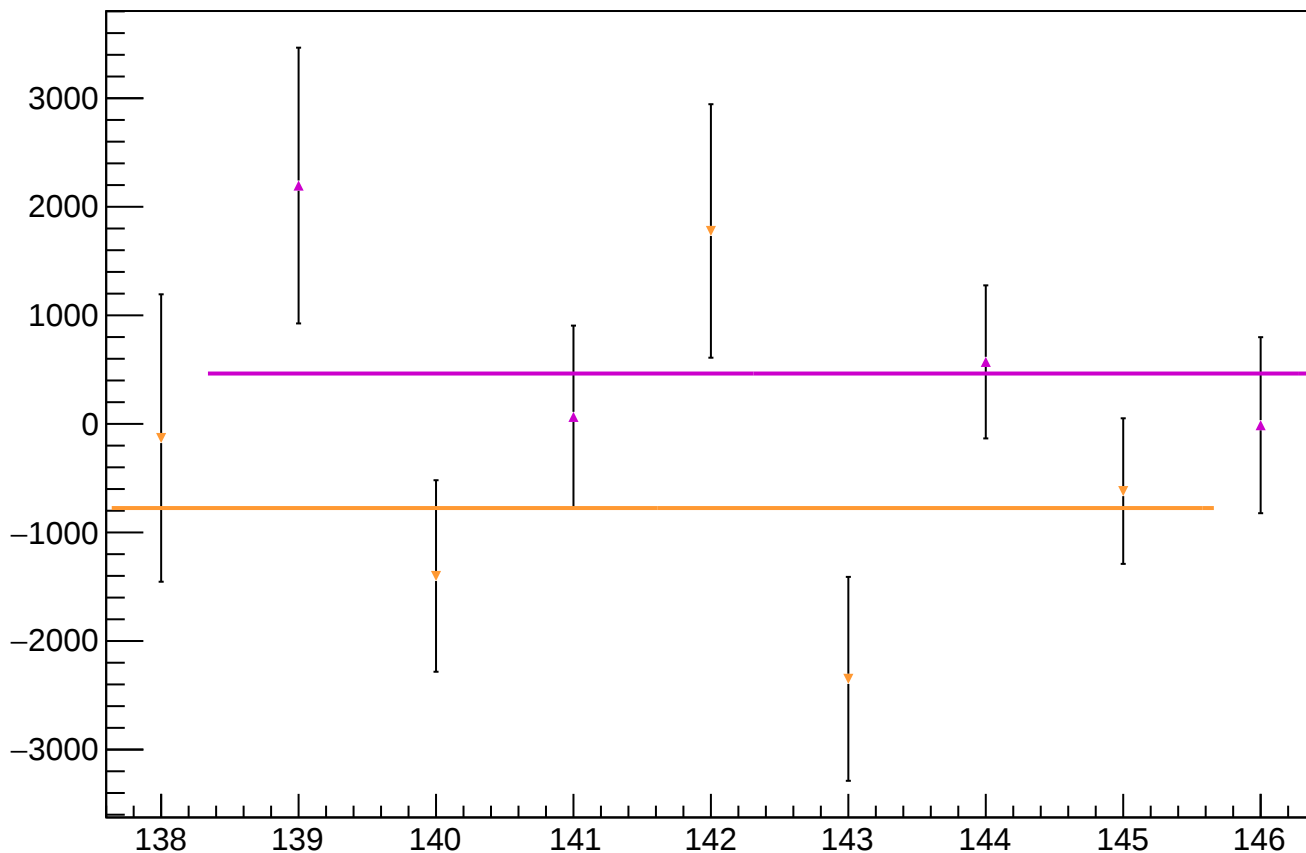
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 105.188 $\pm$ 0.024 χ^2 /NDF: 752348.8/20

Out: 101.646 $\pm$ 0.023 χ^2 /NDF: 1148258.9/23

All: 103.333 $\pm$ 0.017 χ^2 /NDF: 1911822.4/44

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -775.138+/-410.081 χ^2/NDF : 8.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 464.029+/-423.803 χ^2/NDF : 2.5/3

Left: -175.939+/-294.703 χ^2/NDF : 15.2/8

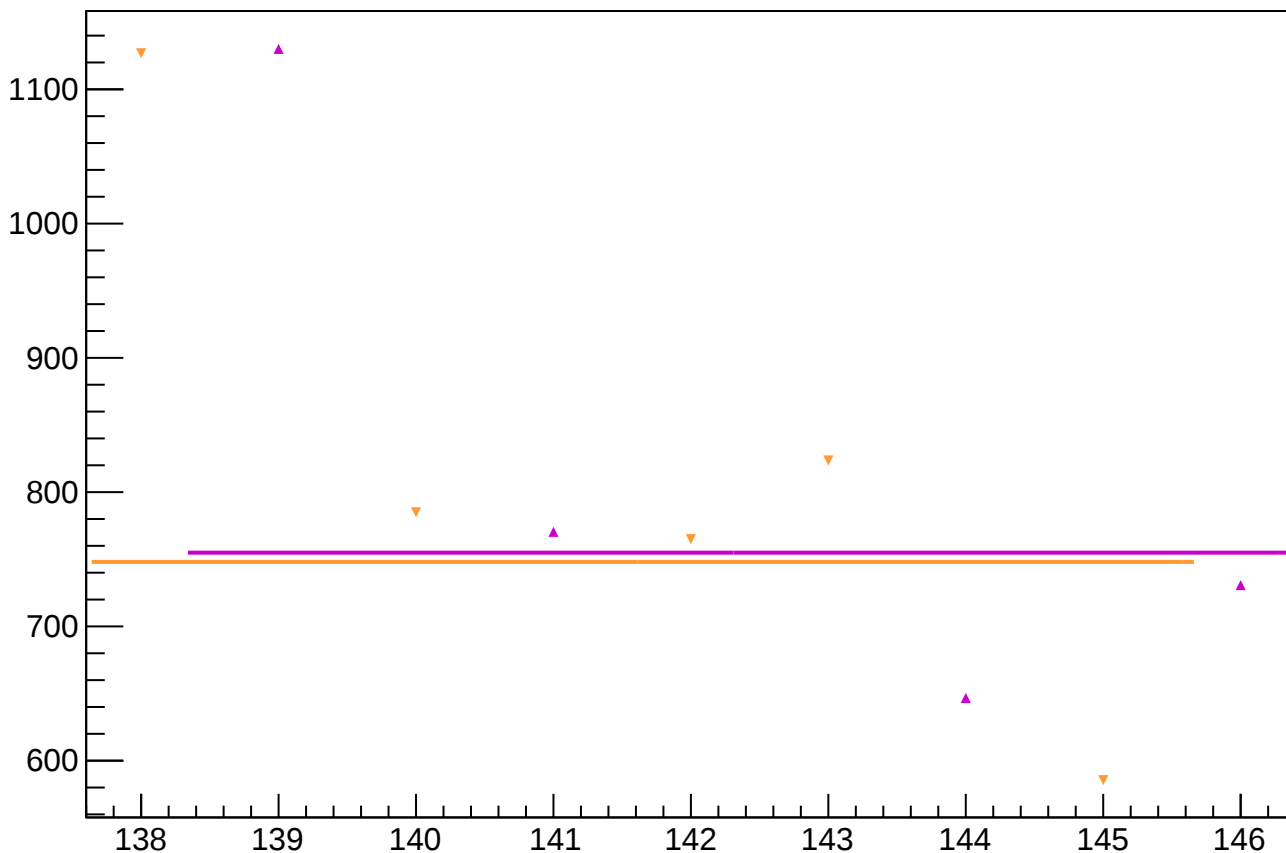
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 464.029+/-423.803 χ^2/NDF : 2.5/3

Out: -775.138+/-410.081 χ^2/NDF : 8.4/4

All: -175.939+/-294.703 χ^2/NDF : 15.2/8

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 748.060+/-0.290 χ^2/NDF :298110.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 754.931+/-0.300 χ^2/NDF :224088.8/3

Left: 751.383+/-0.208 χ^2/NDF : 522470.4/8

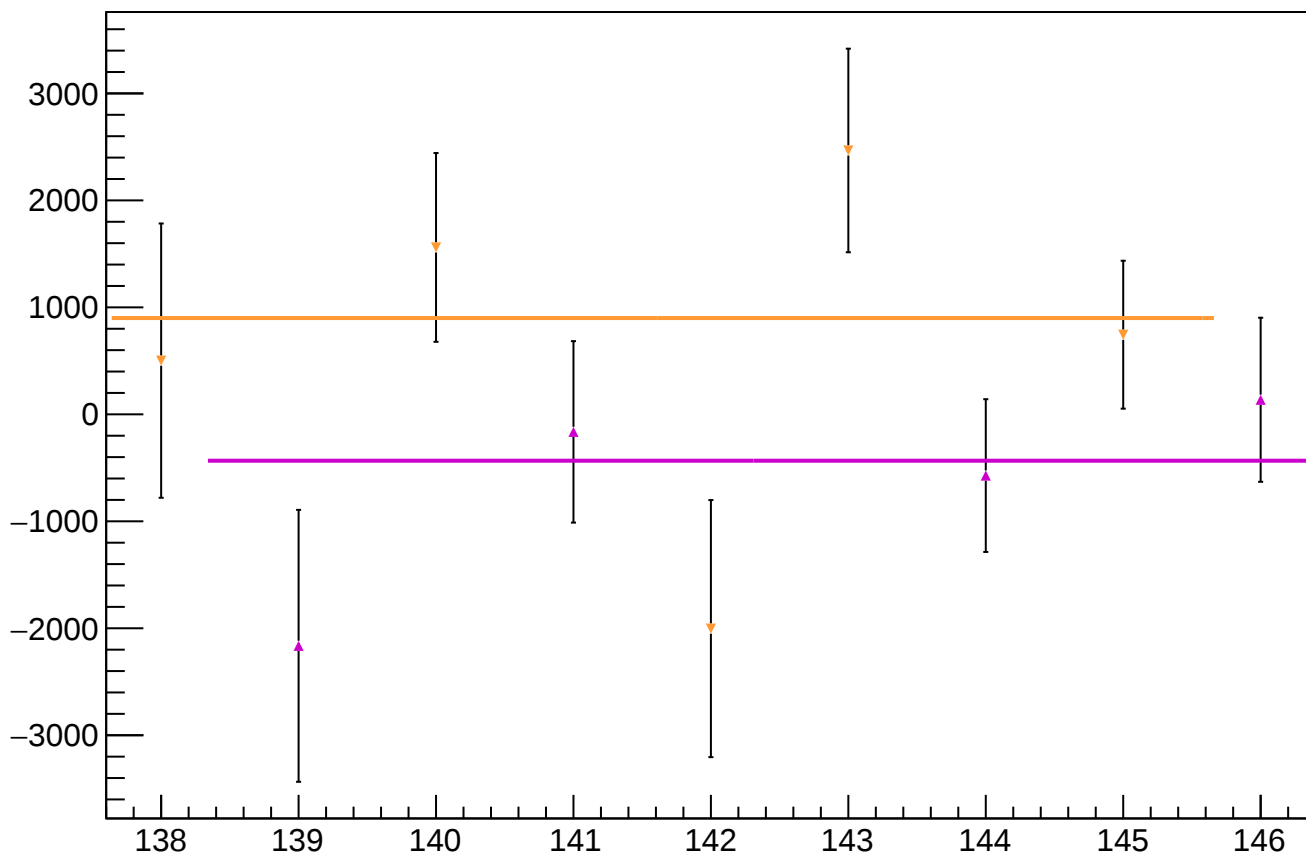
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 754.931+/-0.300 χ^2/NDF :224088.8/3

Out: 748.060+/-0.290 χ^2/NDF :298110.1/4

All: 751.383+/-0.208 χ^2/NDF : 522470.4/8

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 900.029+/-415.917 χ^2/NDF : 9.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -433.621+/-419.944 χ^2/NDF : 2.5/3

Left: 239.628+/-295.511 χ^2/NDF : 16.9/8

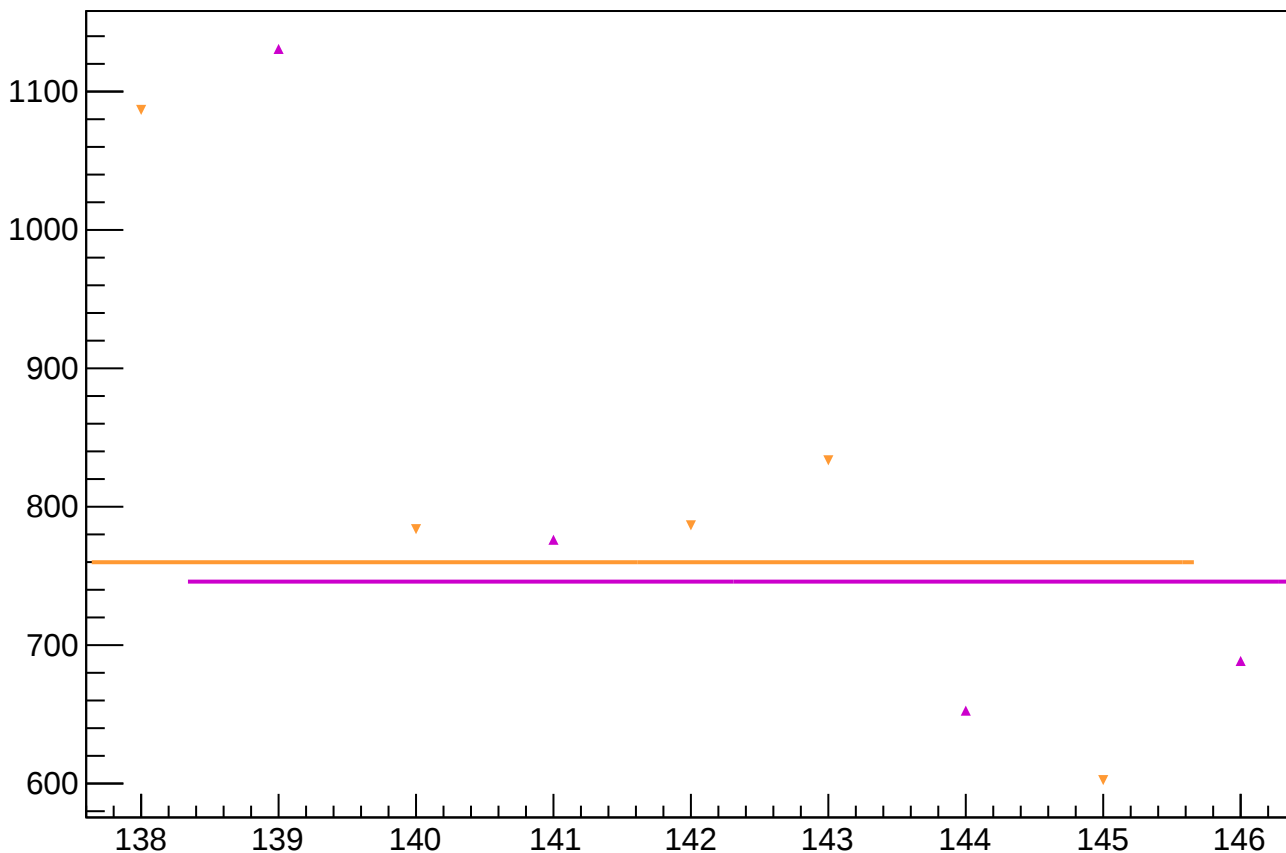
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -433.621+/-419.944 χ^2/NDF : 2.5/3

Out: 900.029+/-415.917 χ^2/NDF : 9.3/4

All: 239.628+/-295.511 χ^2/NDF : 16.9/8

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 759.907+/-0.294 χ^2/NDF :248079.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 745.892+/-0.297 χ^2/NDF :231219.9/3

Left: 752.967+/-0.209 χ^2/NDF : 480424.2/8

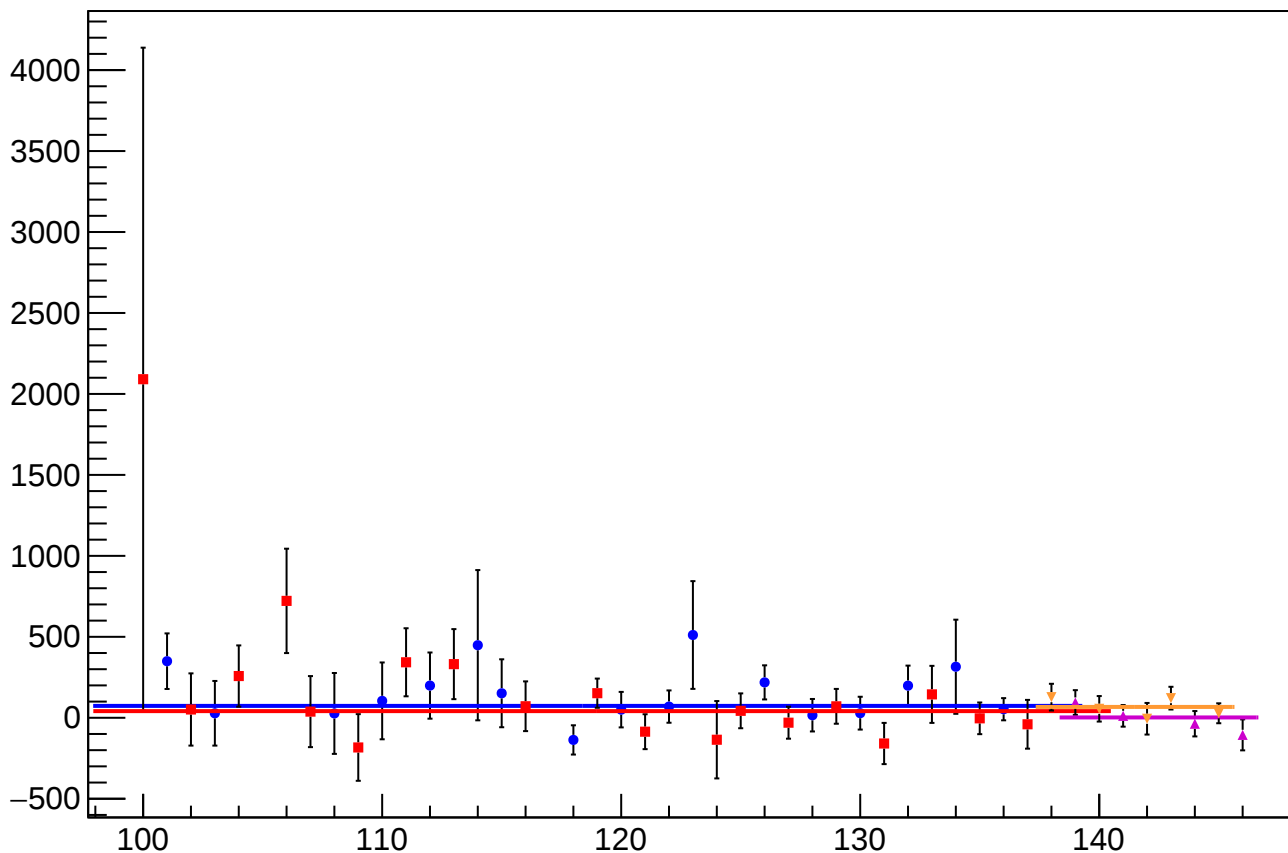
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 745.892+/-0.297 χ^2/NDF :231219.9/3

Out: 759.907+/-0.294 χ^2/NDF :248079.8/4

All: 752.967+/-0.209 χ^2/NDF : 480424.2/8

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 67.031 $\pm$ 33.706 χ^2 /NDF: 2.1/4

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 2.090 $\pm$ 38.687 χ^2 /NDF: 3.0/3

Left: 39.007 $\pm$ 25.413 χ^2 /NDF: 6.7/8

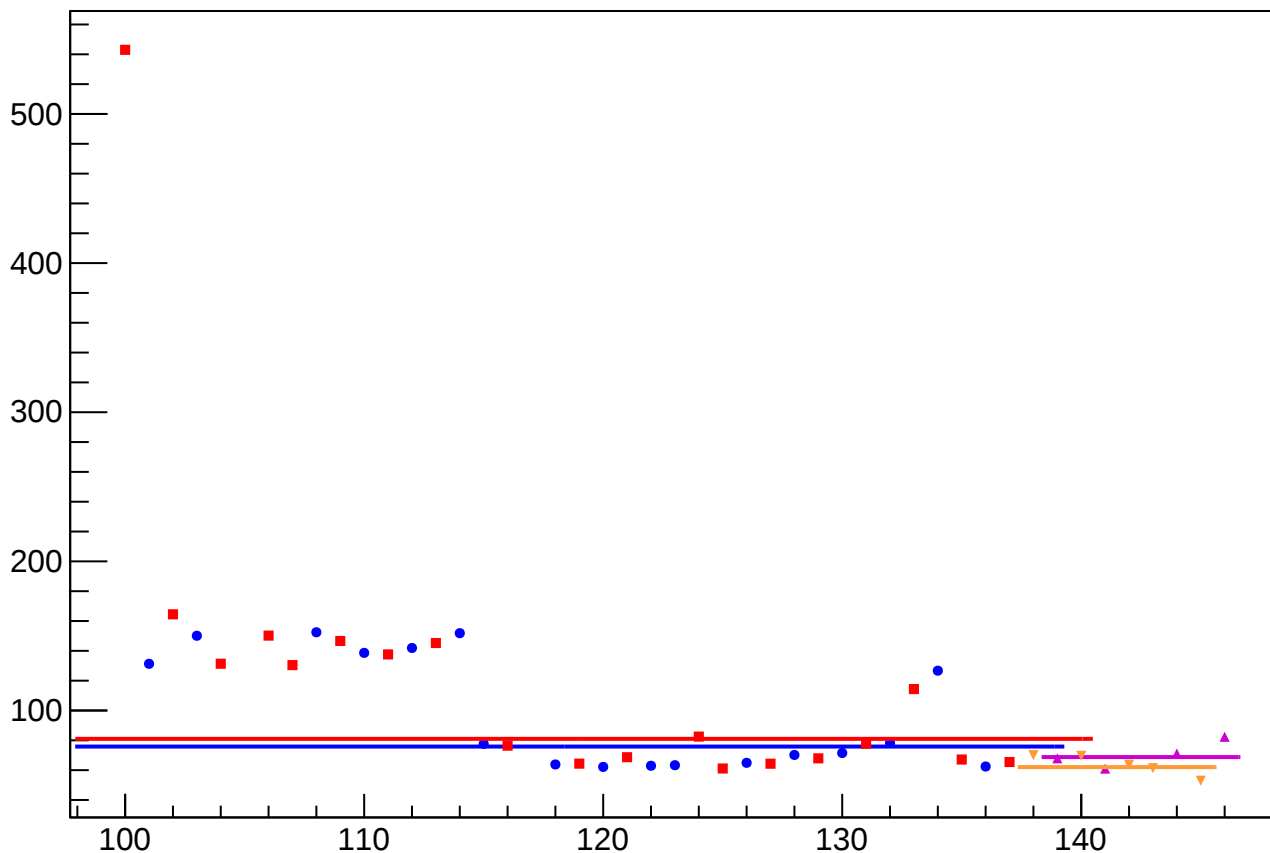
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 45.479 $\pm$ 24.220 χ^2 /NDF: 20.3/20

Out: 53.698 $\pm$ 23.485 χ^2 /NDF: 21.6/23

All: 49.715 $\pm$ 16.860 χ^2 /NDF: 42.0/44

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2/NDF : 1349961.8/16

Left Out: 62.040+/-0.024 χ^2/NDF : 82053.7/4

Right Out: 80.999+/-0.023 χ^2/NDF : 1627899.8/18

Left In: 68.768+/-0.027 χ^2/NDF : 69409.7/3

Left: 64.943+/-0.018 χ^2/NDF : 185846.4/8

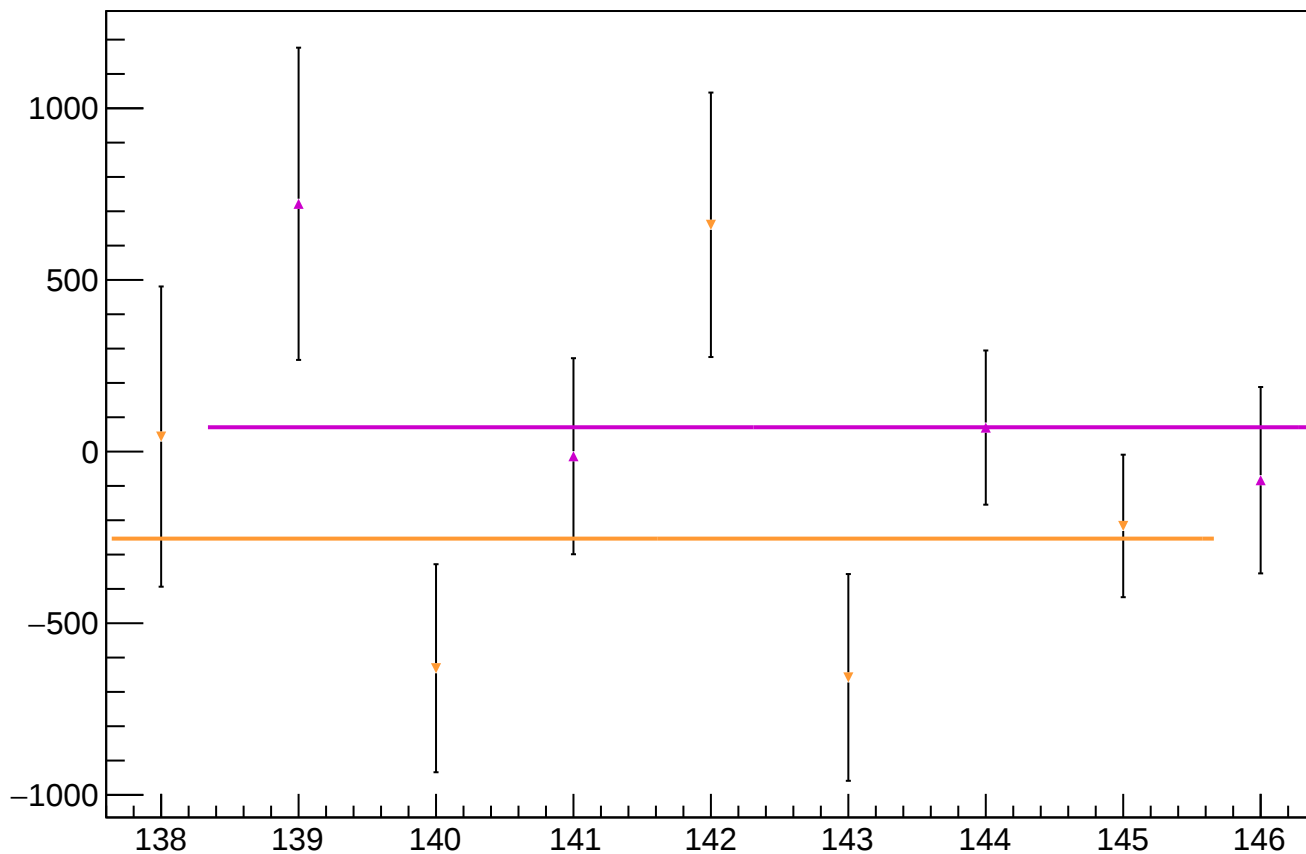
Right: 78.273+/-0.016 χ^2/NDF : 3004207.0/35

In: 73.056+/-0.017 χ^2/NDF : 1459780.2/20

Out: 71.795+/-0.017 χ^2/NDF : 2035540.8/23

All: 72.406+/-0.012 χ^2/NDF : 3498112.8/44

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -253.494+/-132.327 χ^2/NDF :9.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 70.882+/-140.724 χ^2/NDF :2.5/3

Left: -101.272+/-96.401 χ^2/NDF : 14.8/8

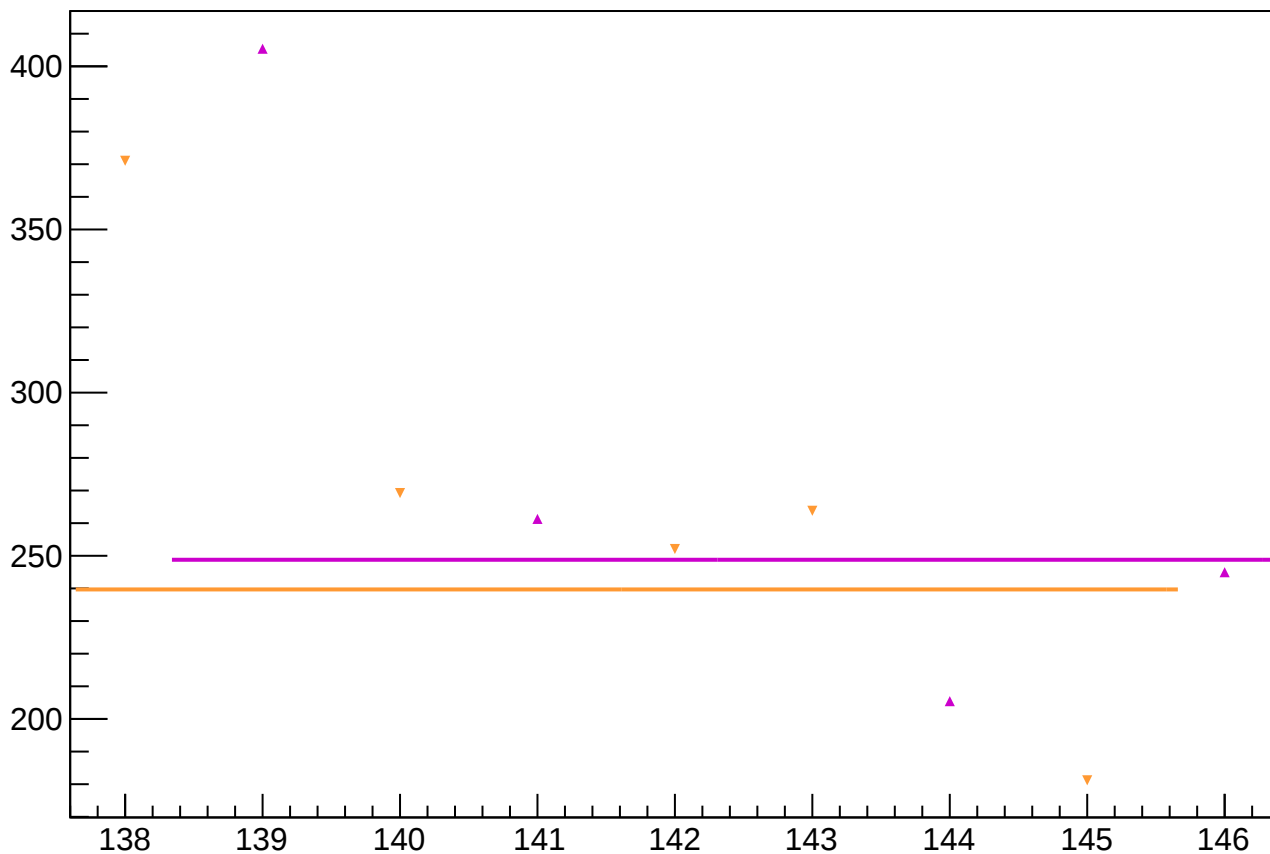
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.882+/-140.724 χ^2/NDF :2.5/3

Out: -253.494+/-132.327 χ^2/NDF :9.5/4

All: -101.272+/-96.401 χ^2/NDF : 14.8/8

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 239.688+/-0.094 χ^2/NDF :373304.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.781+/-0.100 χ^2/NDF :315896.0/3

Left: 243.955+/-0.068 χ^2/NDF : 693633.0/8

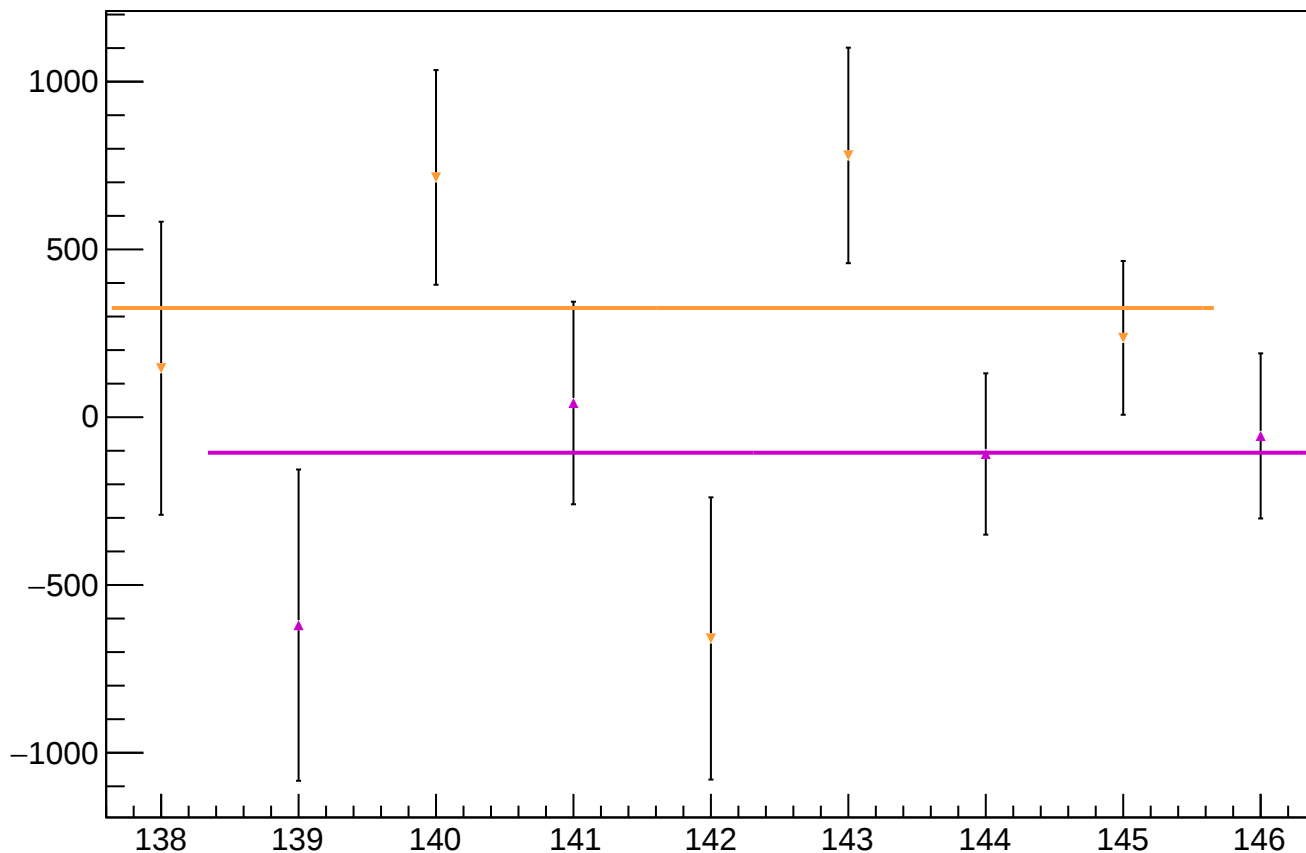
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.781+/-0.100 χ^2/NDF :315896.0/3

Out: 239.688+/-0.094 χ^2/NDF :373304.4/4

All: 243.955+/-0.068 χ^2/NDF : 693633.0/8

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-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: -105.829+/-142.213 χ^2/NDF : 1.5/3

Left: 109.801+/-100.571 χ^2/NDF : 15.4/8

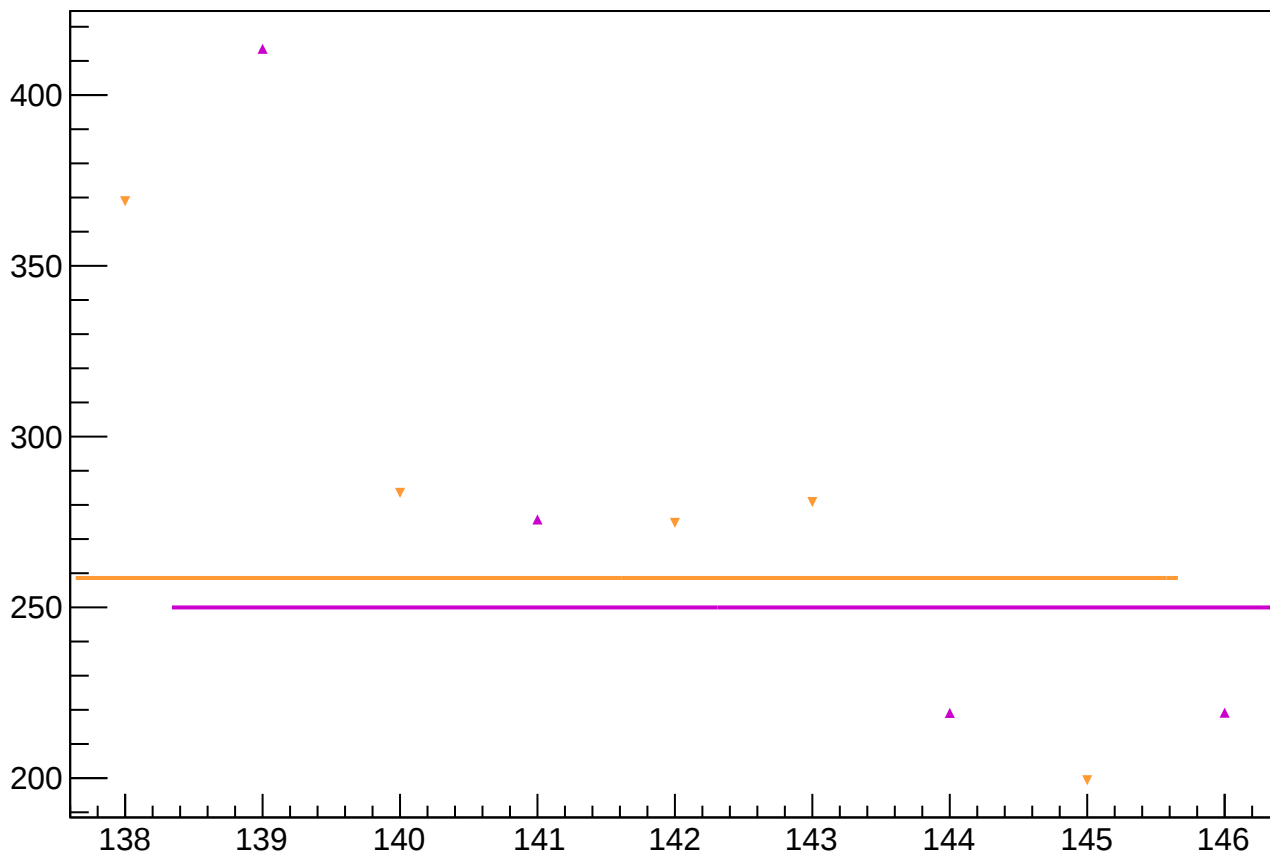
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -105.829+/-142.213 χ^2/NDF : 1.5/3

Out: 325.533+/-142.246 χ^2/NDF : 9.3/4

All: 109.801+/-100.571 χ^2/NDF : 15.4/8

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 258.613+/-0.101 χ^2/NDF :285950.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Left: 254.294+/-0.071 χ^2/NDF : 617251.9/8

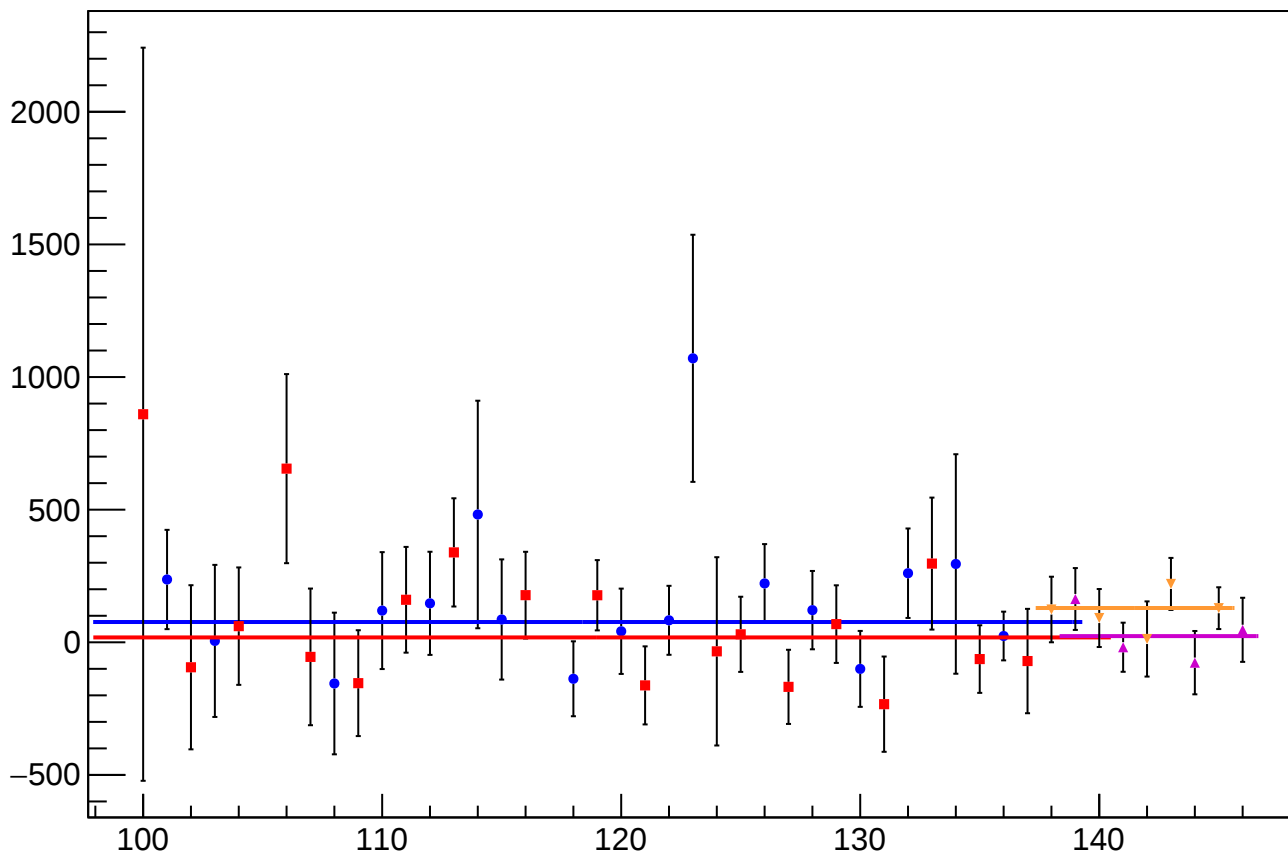
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.977+/-0.101 χ^2/NDF :327614.5/3

Out: 258.613+/-0.101 χ^2/NDF :285950.8/4

All: 254.294+/-0.071 χ^2/NDF : 617251.9/8

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 129.306 $\pm$ 46.422 χ^2 /NDF:1.7/4

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 23.355 $\pm$ 55.138 χ^2 /NDF:2.4/3

Left: 85.357 $\pm$ 35.512 χ^2 /NDF: 6.2/8

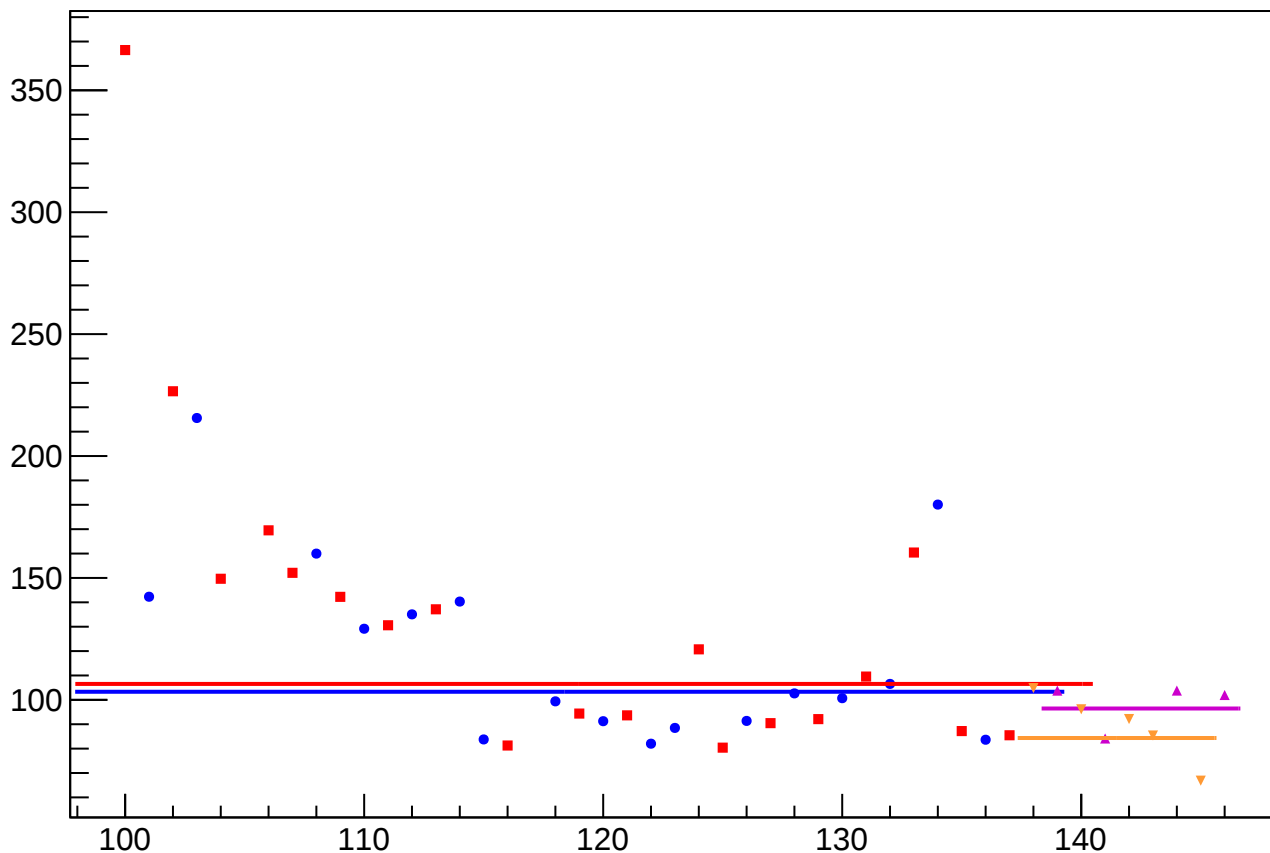
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 57.249 $\pm$ 33.187 χ^2 /NDF:16.9/20

Out: 68.678 $\pm$ 31.258 χ^2 /NDF:22.0/23

All: 63.305 $\pm$ 22.754 χ^2 /NDF: 38.9/44

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 84.352 $\pm$ 0.033 χ^2 /NDF:182954.8/4

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 96.451 $\pm$ 0.039 χ^2 /NDF:55021.4/3

Left: 89.371 $\pm$ 0.025 χ^2 /NDF: 294325.7/8

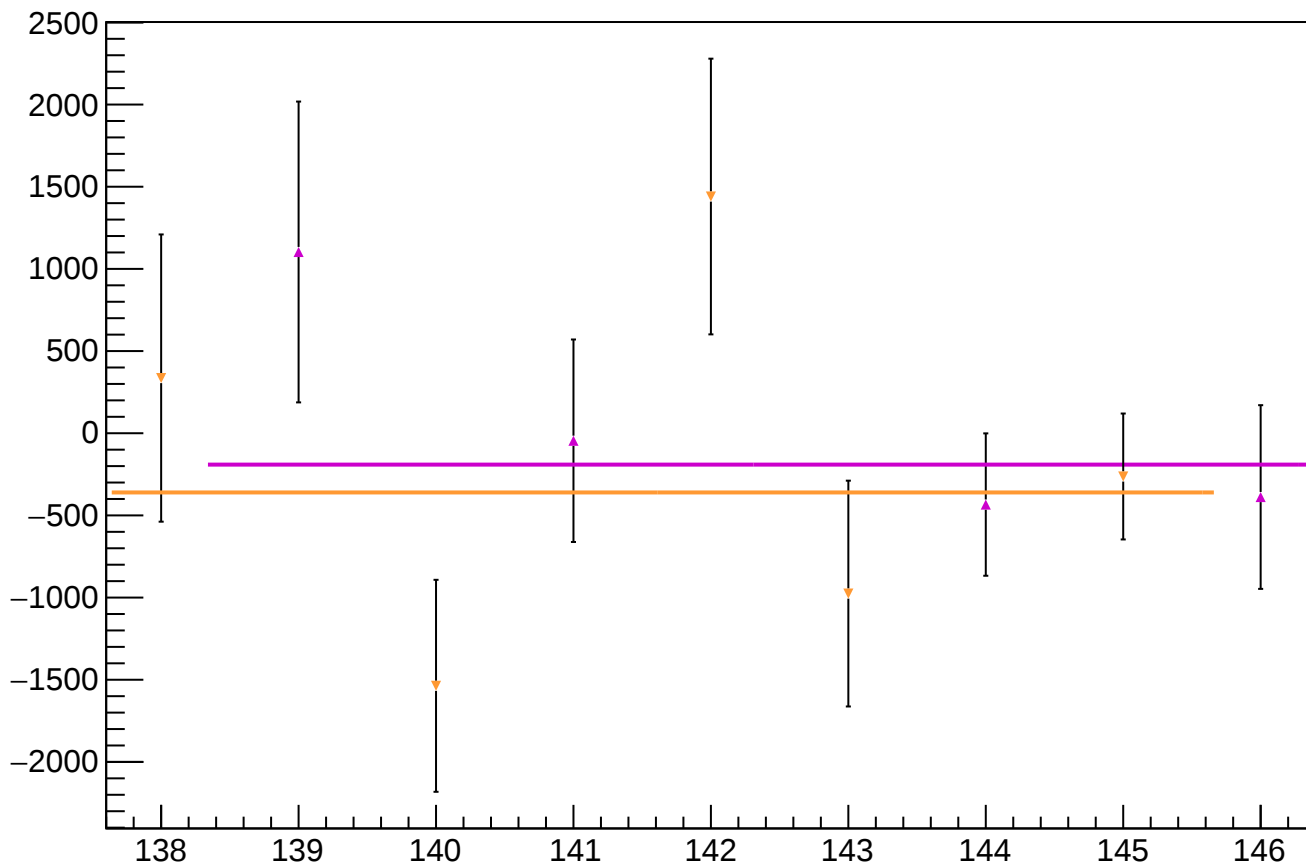
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 100.830 $\pm$ 0.023 χ^2 /NDF:912604.2/20

Out: 96.477 $\pm$ 0.022 χ^2 /NDF:1504073.5/23

All: 98.523 $\pm$ 0.016 χ^2 /NDF: 2434916.1/44

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -360.326 $\pm$ 266.623 χ^2 /NDF:9.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -190.939 $\pm$ 284.450 χ^2 /NDF:2.5/3

Left: -281.106 $\pm$ 194.528 χ^2 /NDF: 12.1/8

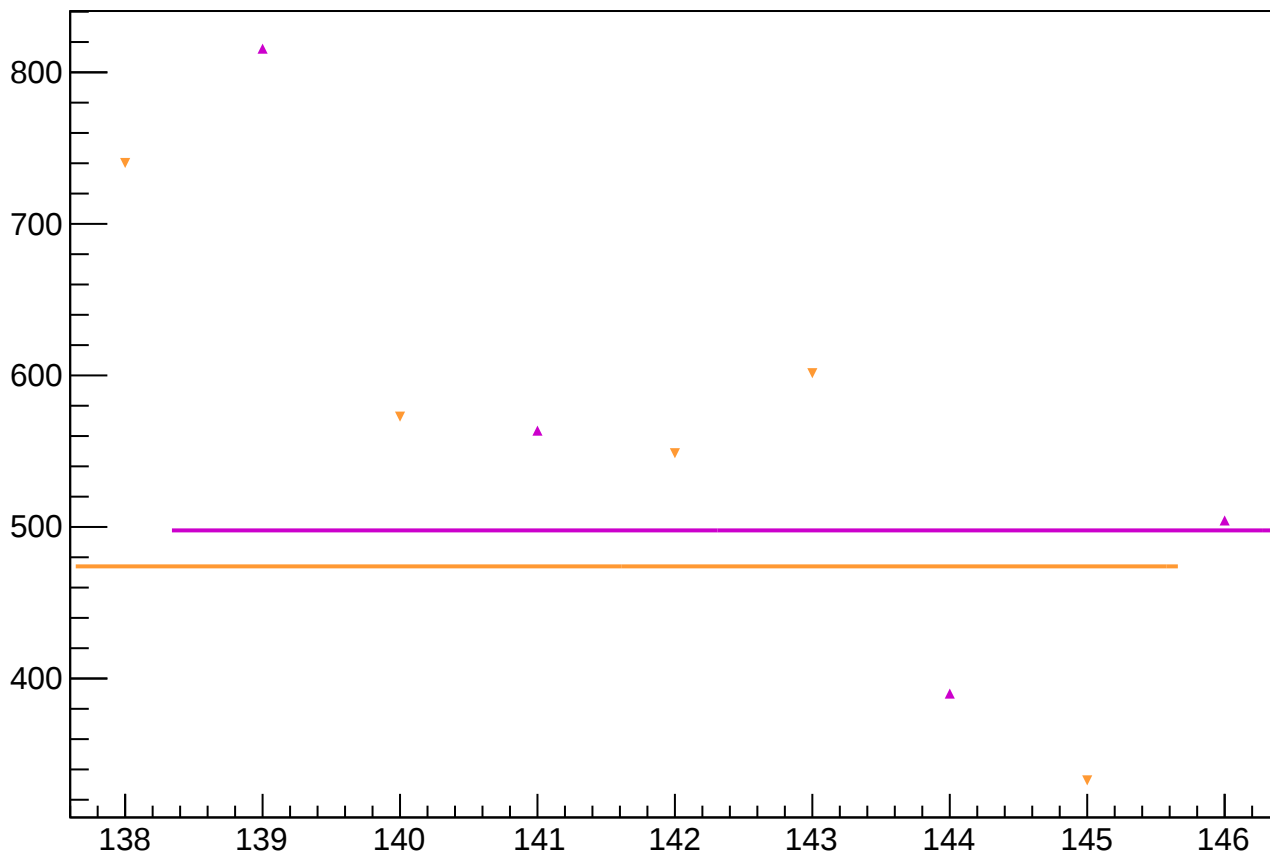
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -190.939 $\pm$ 284.450 χ^2 /NDF:2.5/3

Out: -360.326 $\pm$ 266.623 χ^2 /NDF:9.4/4

All: -281.106 $\pm$ 194.528 χ^2 /NDF: 12.1/8

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 473.995 ± 0.189 $\chi^2/\text{NDF}: 588955.1/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 497.739 ± 0.201 $\chi^2/\text{NDF}: 387957.4/3$

Left: 485.100 ± 0.138 $\chi^2/\text{NDF}: 984330.2/8$

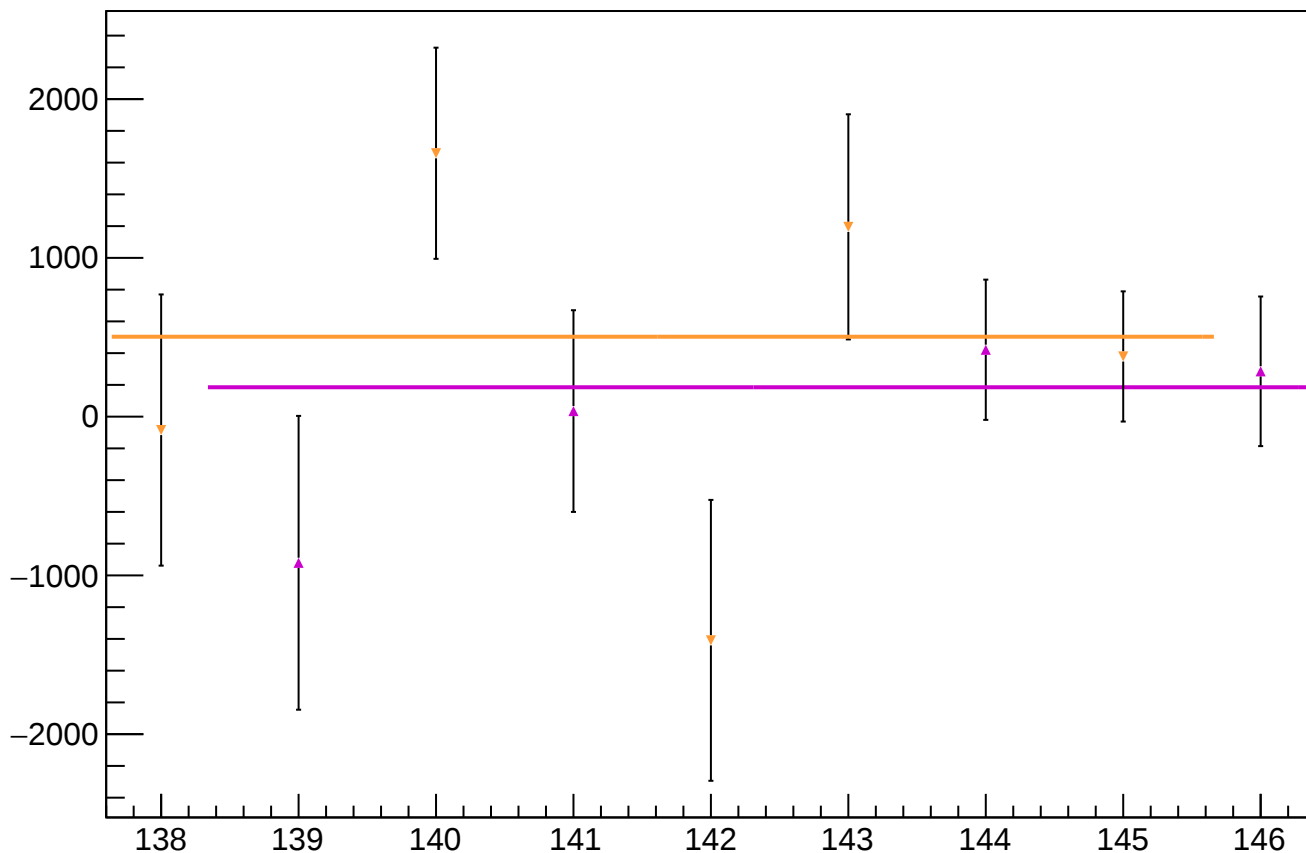
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 497.739 ± 0.201 $\chi^2/\text{NDF}: 387957.4/3$

Out: 473.995 ± 0.189 $\chi^2/\text{NDF}: 588955.1/4$

All: 485.100 ± 0.138 $\chi^2/\text{NDF}: 984330.2/8$

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 503.412+/-278.998 χ^2/NDF : 9.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 185.102+/-274.433 χ^2/NDF : 1.8/3

Left: 341.631+/-195.647 χ^2/NDF : 11.7/8

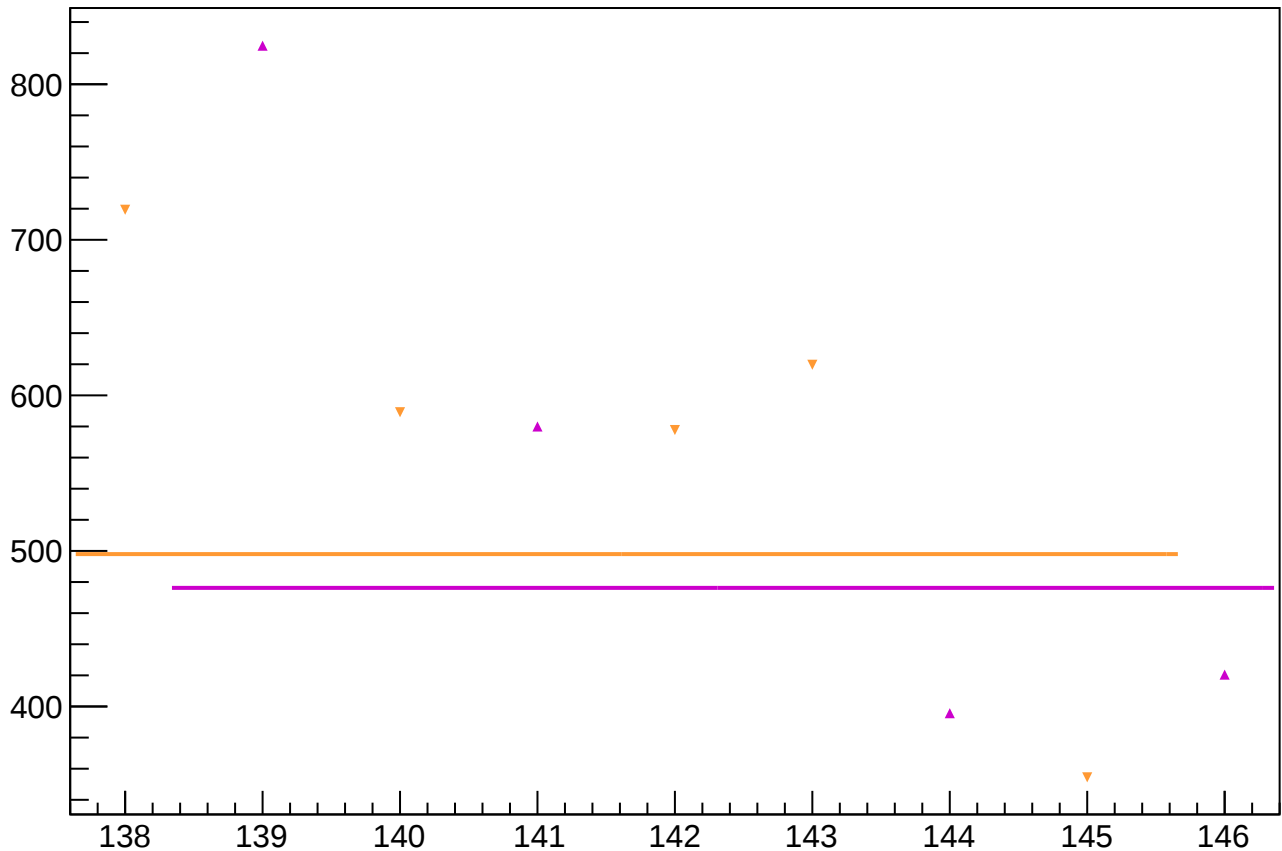
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 185.102+/-274.433 χ^2/NDF : 1.8/3

Out: 503.412+/-278.998 χ^2/NDF : 9.2/4

All: 341.631+/-195.647 χ^2/NDF : 11.7/8

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 497.959+/-0.197 χ^2/NDF :492166.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Left: 486.924+/-0.138 χ^2/NDF : 930023.1/8

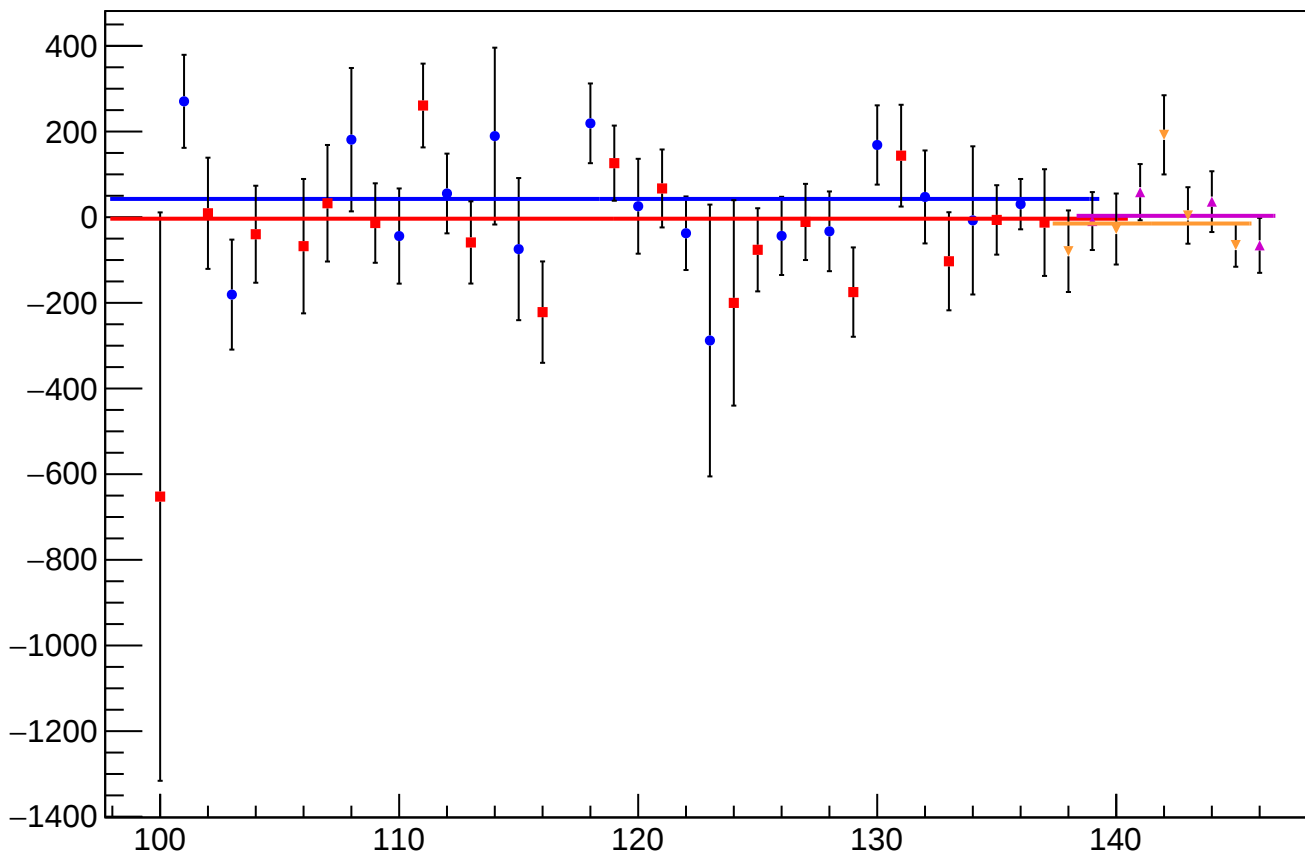
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.248+/-0.194 χ^2/NDF :431701.1/3

Out: 497.959+/-0.197 χ^2/NDF :492166.1/4

All: 486.924+/-0.138 χ^2/NDF : 930023.1/8

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -14.775 $\pm$ 31.751 χ^2 /NDF: 6.6/4

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: 3.193 $\pm$ 33.481 χ^2 /NDF: 2.1/3

Left: -6.267 $\pm$ 23.039 χ^2 /NDF: 8.8/8

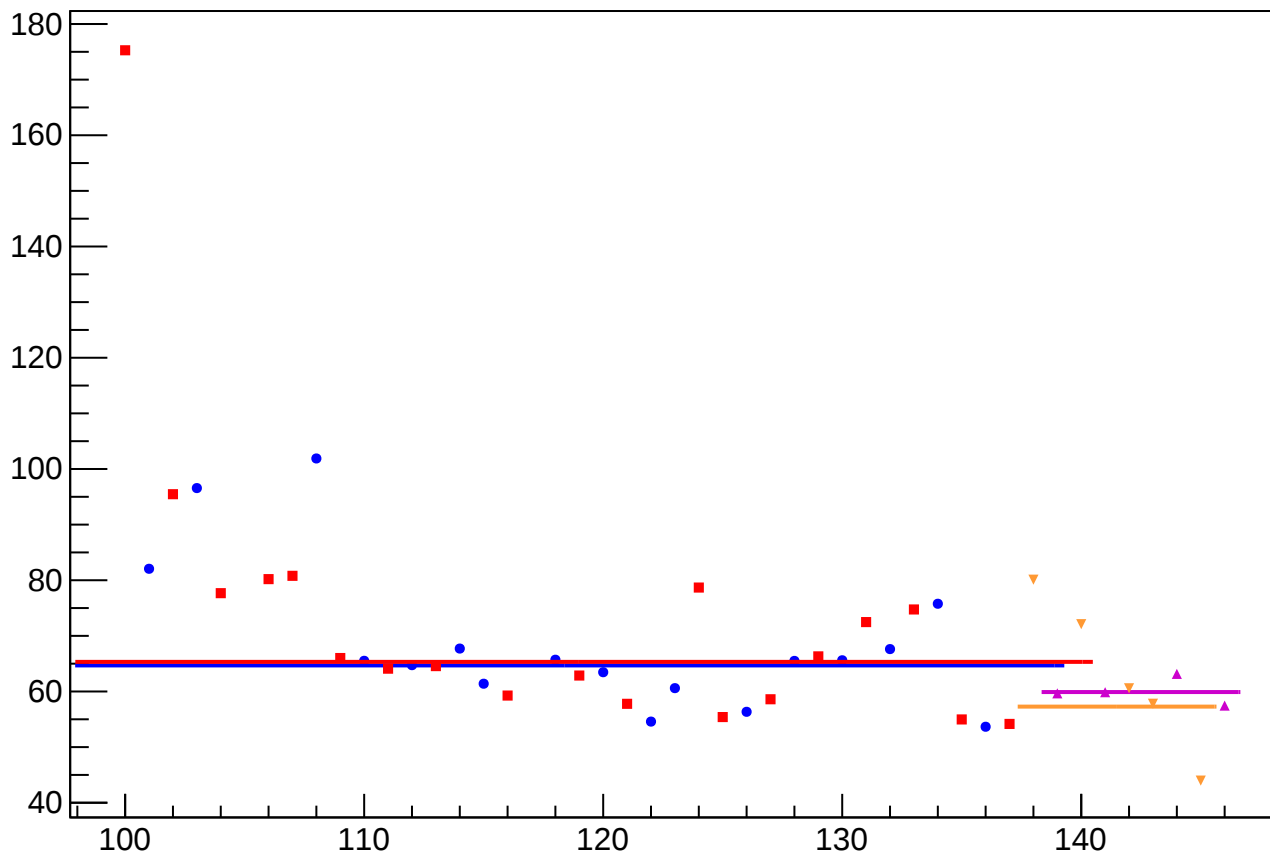
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 28.177 $\pm$ 20.279 χ^2 /NDF: 21.8/20

Out: -7.832 $\pm$ 19.676 χ^2 /NDF: 28.0/23

All: 9.629 $\pm$ 14.121 χ^2 /NDF: 51.5/44

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: 59.898 $\pm$ 0.024 χ^2 /NDF:7147.1/3

Left: 58.520 $\pm$ 0.016 χ^2 /NDF: 332755.9/8

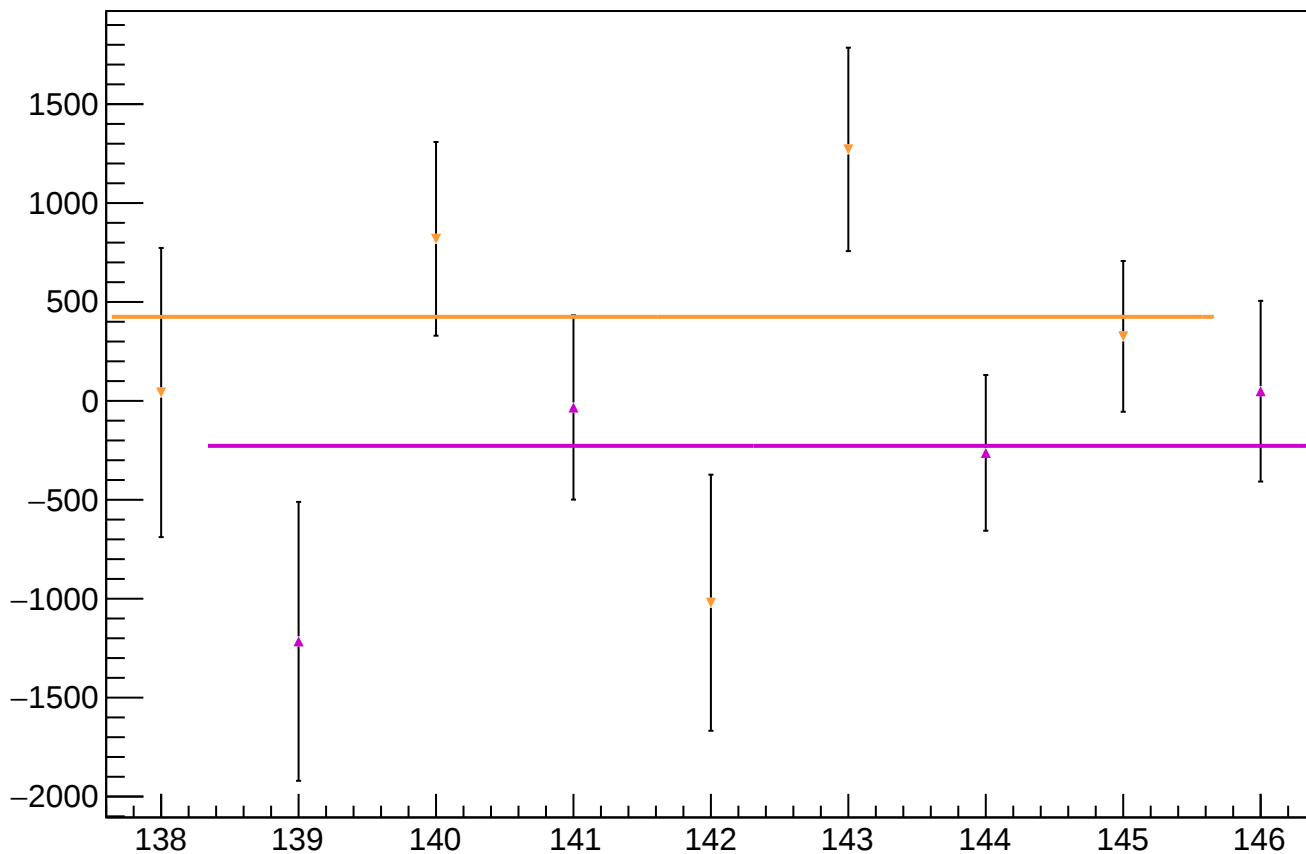
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 62.929 $\pm$ 0.014 χ^2 /NDF:433224.8/20

Out: 62.235 $\pm$ 0.014 χ^2 /NDF:757815.2/23

All: 62.572 $\pm$ 0.010 χ^2 /NDF: 1192245.9/44

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 424.893 ± 228.826 $\chi^2/\text{NDF}: 8.7/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -227.276 ± 236.524 $\chi^2/\text{NDF}: 2.5/3$

Left: 109.594 ± 164.458 $\chi^2/\text{NDF}: 15.1/8$

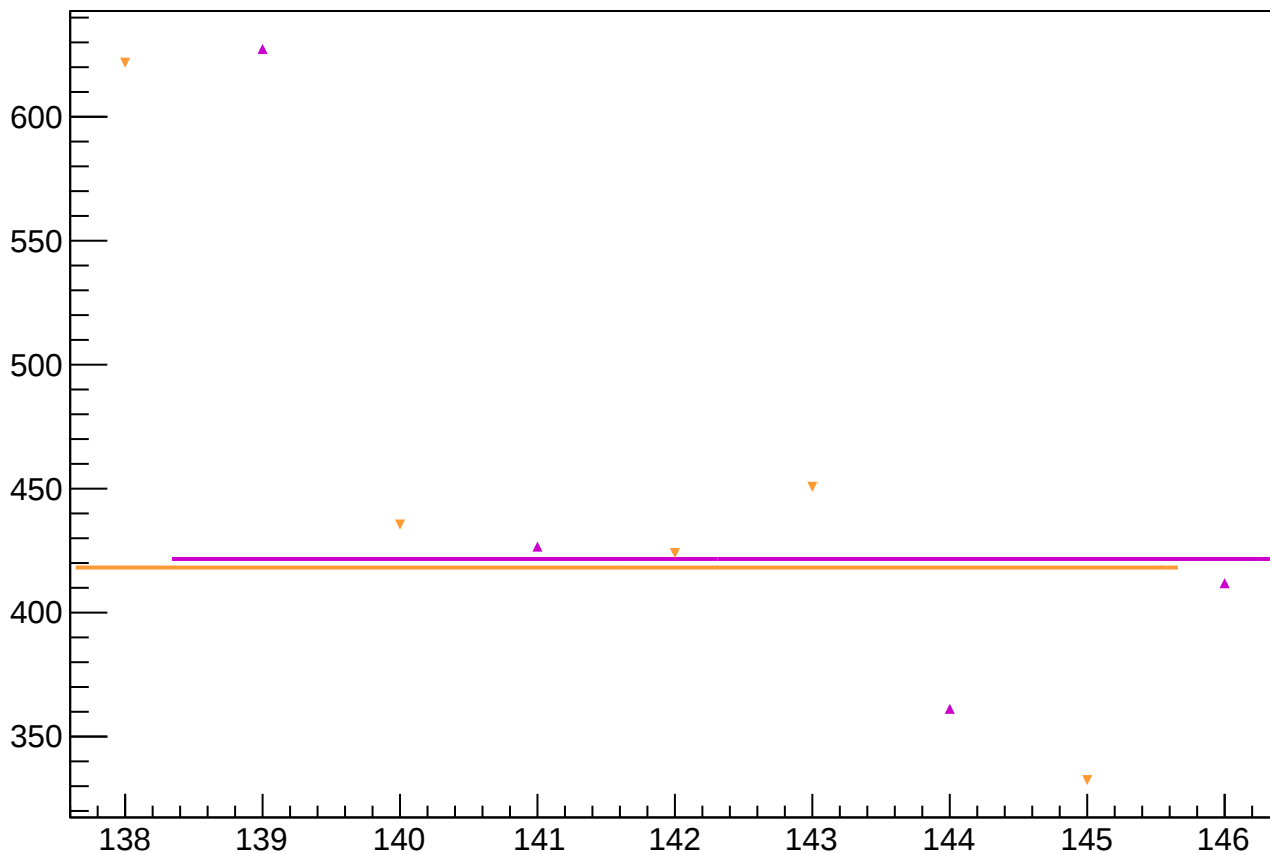
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -227.276 ± 236.524 $\chi^2/\text{NDF}: 2.5/3$

Out: 424.893 ± 228.826 $\chi^2/\text{NDF}: 8.7/4$

All: 109.594 ± 164.458 $\chi^2/\text{NDF}: 15.1/8$

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 418.186+/-0.162 χ^2/NDF :267155.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 421.639+/-0.167 χ^2/NDF :218681.3/3

Left: 419.856+/-0.116 χ^2/NDF : 486056.8/8

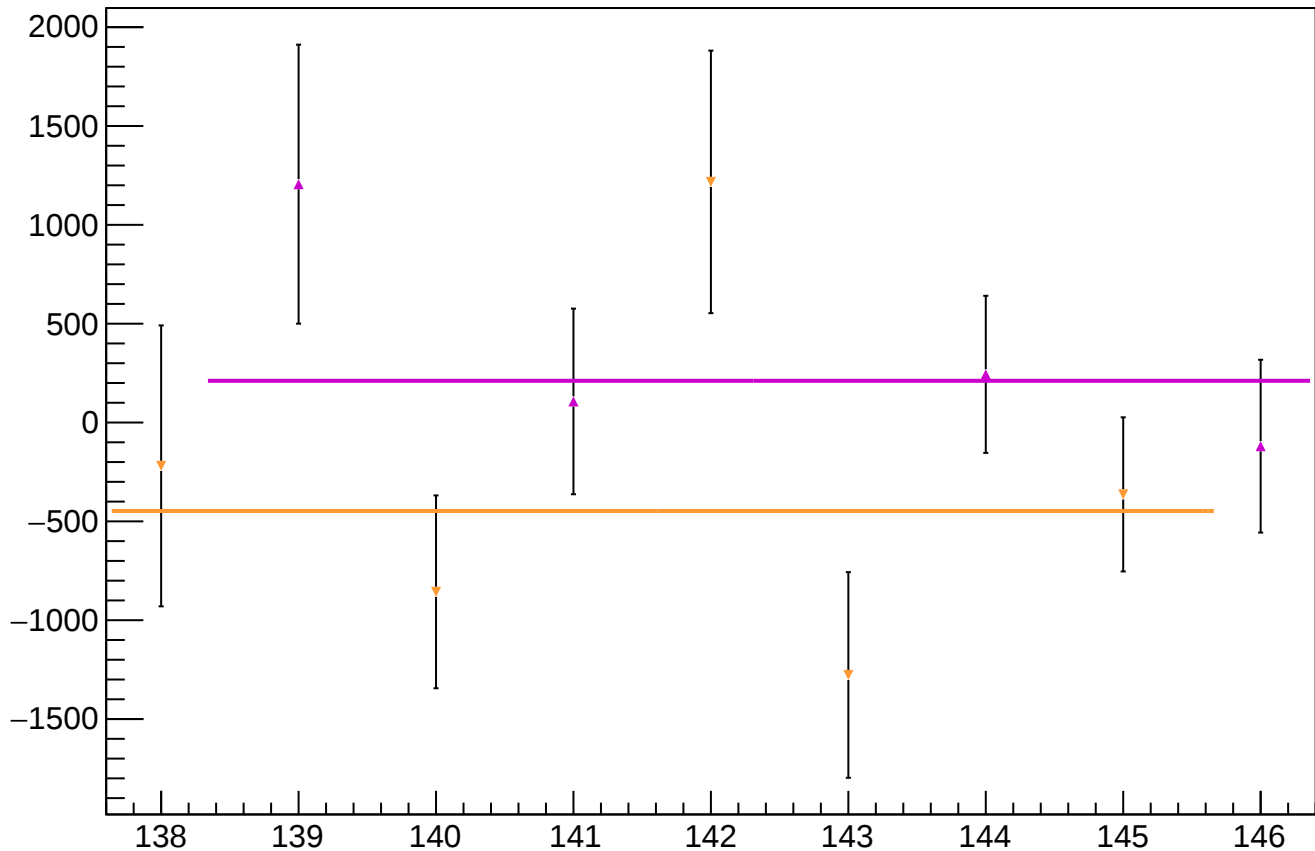
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 421.639+/-0.167 χ^2/NDF :218681.3/3

Out: 418.186+/-0.162 χ^2/NDF :267155.4/4

All: 419.856+/-0.116 χ^2/NDF : 486056.8/8

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -447.694+/-231.105 χ^2/NDF :9.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 211.095+/-234.962 χ^2/NDF :2.6/3

Left: -123.752+/-164.763 χ^2/NDF : 16.3/8

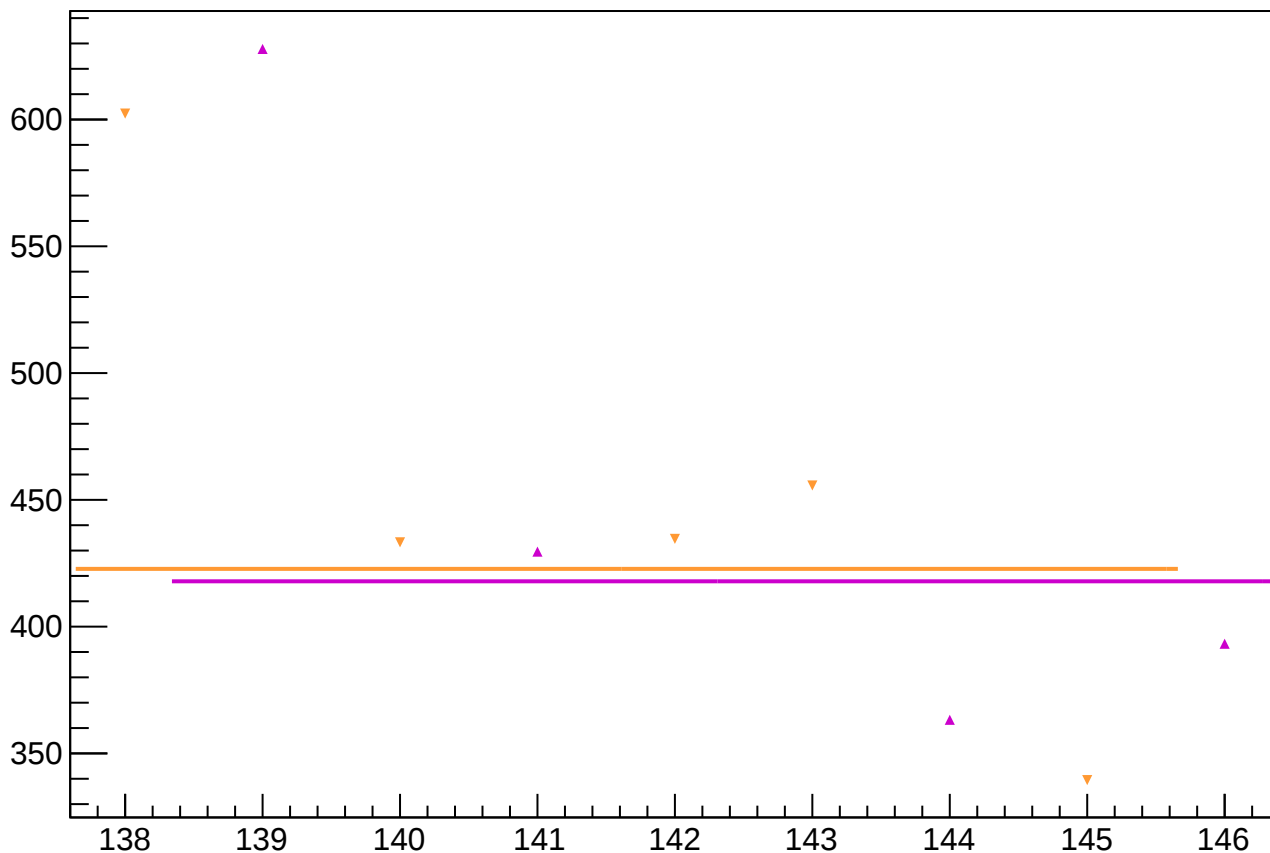
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 211.095+/-234.962 χ^2/NDF :2.6/3

Out: -447.694+/-231.105 χ^2/NDF :9.7/4

All: -123.752+/-164.763 χ^2/NDF : 16.3/8

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 422.780+/-0.163 χ^2/NDF : 228567.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 417.875+/-0.166 χ^2/NDF : 222461.8/3

Left: 420.368+/-0.117 χ^2/NDF : 451471.9/8

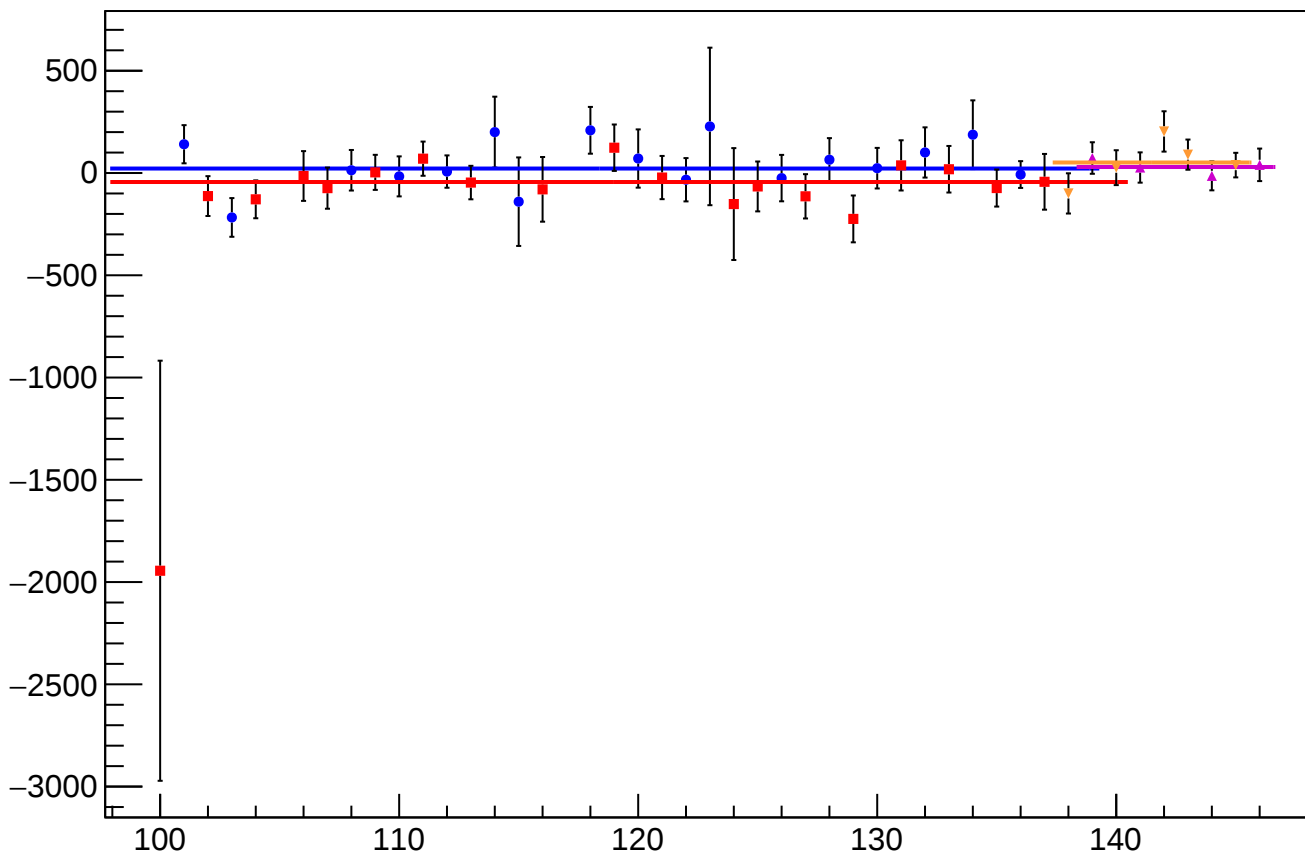
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 417.875+/-0.166 χ^2/NDF : 222461.8/3

Out: 422.780+/-0.163 χ^2/NDF : 228567.0/4

All: 420.368+/-0.117 χ^2/NDF : 451471.9/8

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 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: 29.390 $\pm$ 37.573 χ^2 /NDF: 0.7/3

Left: 41.128 $\pm$ 25.709 χ^2 /NDF: 6.0/8

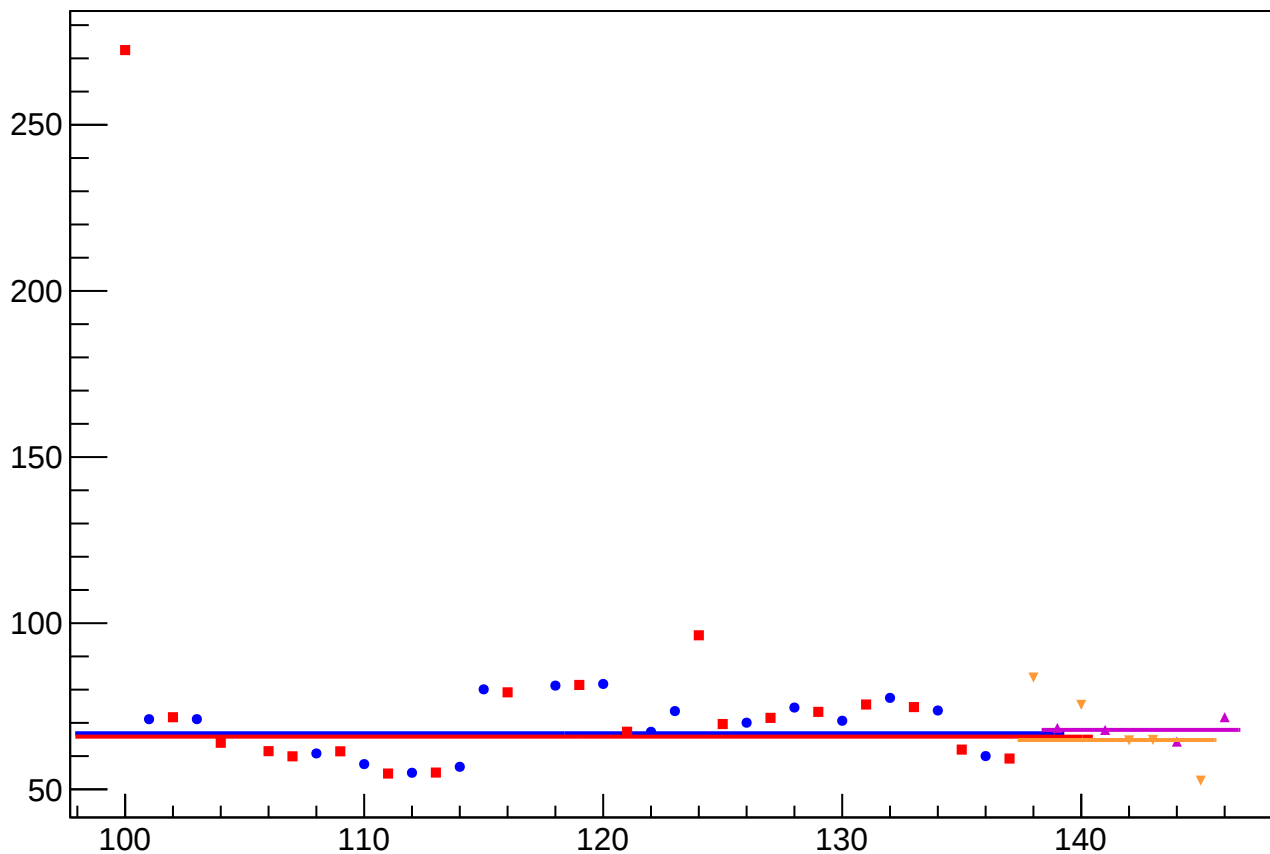
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 24.338 $\pm$ 21.411 χ^2 /NDF: 15.8/20

Out: -11.844 $\pm$ 20.452 χ^2 /NDF: 23.3/23

All: 5.419 $\pm$ 14.789 χ^2 /NDF: 40.6/44

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: 67.892 $\pm$ 0.027 χ^2 /NDF: 9708.0/3

Left: 66.273 $\pm$ 0.018 χ^2 /NDF: 203518.2/8

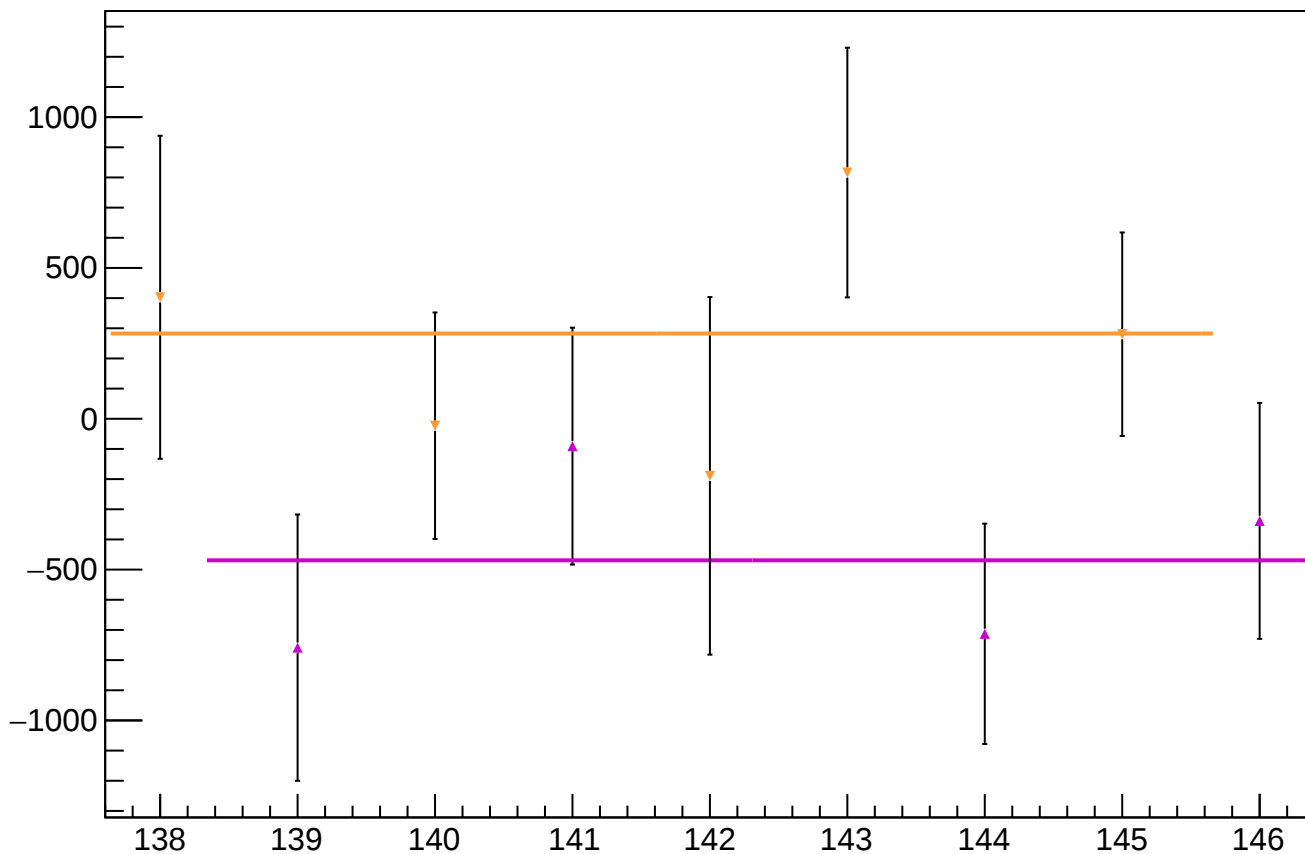
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.203 $\pm$ 0.015 χ^2 /NDF: 213218.9/20

Out: 65.515 $\pm$ 0.014 χ^2 /NDF: 487781.8/23

All: 66.321 $\pm$ 0.010 χ^2 /NDF: 707500.7/44

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.669+/-188.784 χ^2/NDF : 3.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -469.273+/-197.429 χ^2/NDF : 1.9/3

Left: -76.480+/-136.444 χ^2/NDF : 12.5/8

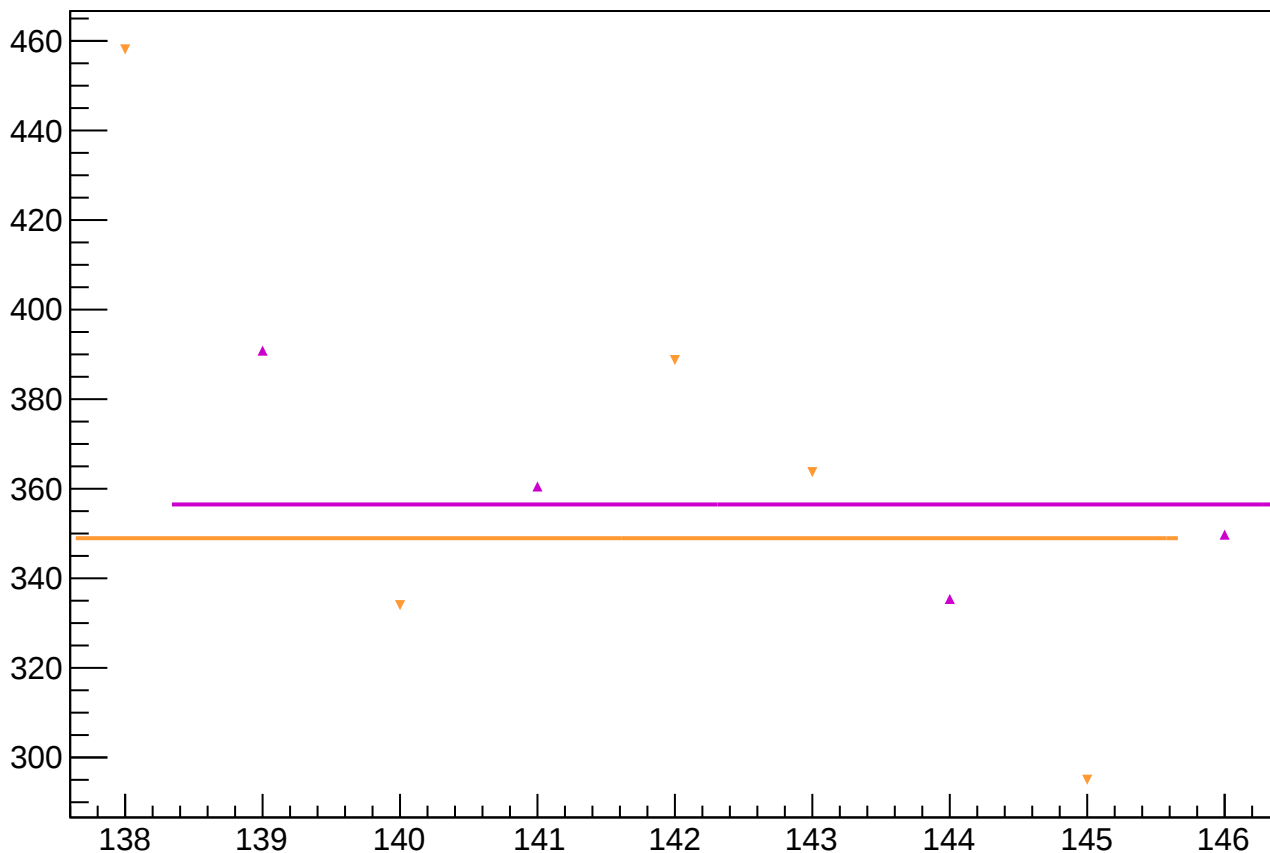
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -469.273+/-197.429 χ^2/NDF : 1.9/3

Out: 282.669+/-188.784 χ^2/NDF : 3.0/4

All: -76.480+/-136.444 χ^2/NDF : 12.5/8

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 348.956+/-0.133 χ^2/NDF :148959.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 356.493+/-0.140 χ^2/NDF :19592.2/3

Left: 352.556+/-0.096 χ^2/NDF : 170074.5/8

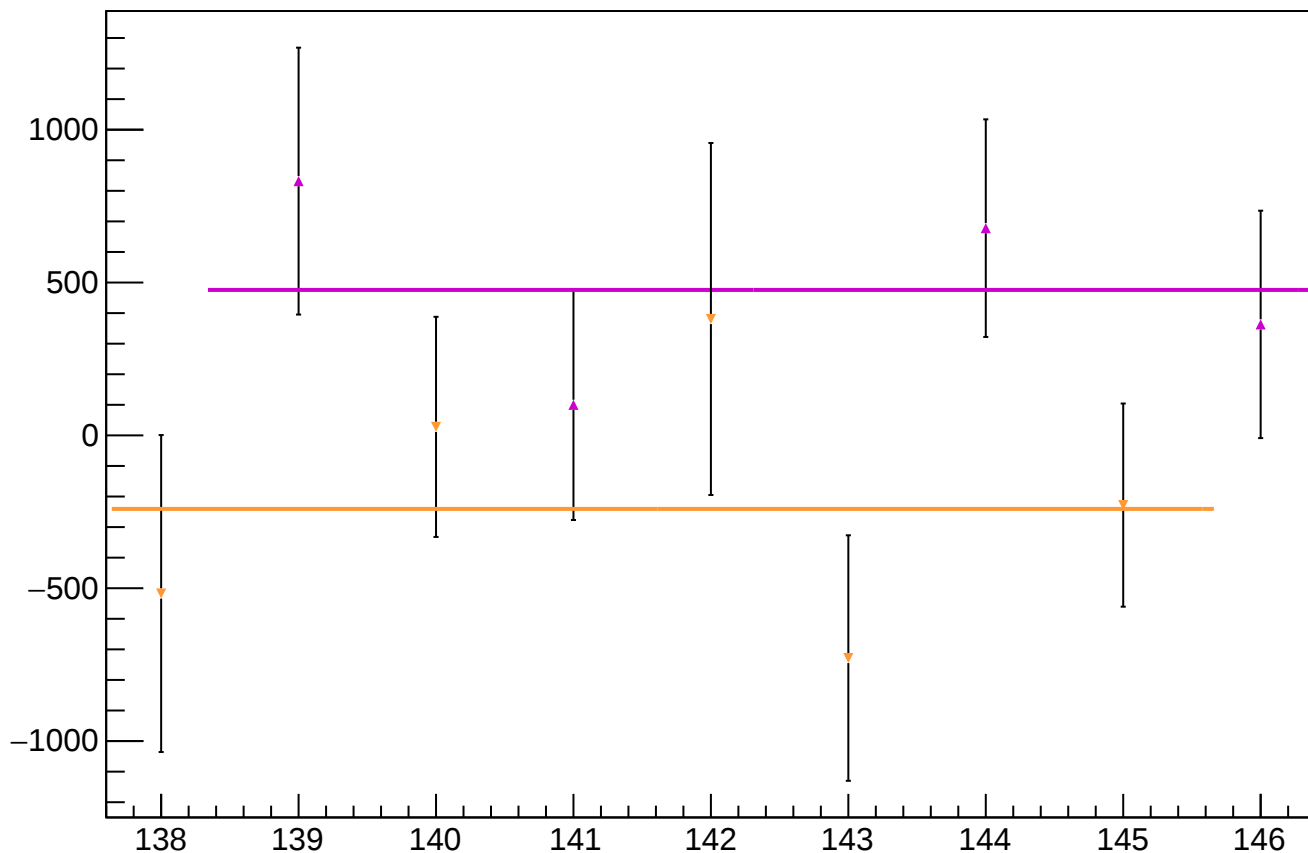
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.493+/-0.140 χ^2/NDF :19592.2/3

Out: 348.956+/-0.133 χ^2/NDF :148959.7/4

All: 352.556+/-0.096 χ^2/NDF : 170074.5/8

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -240.491+/-183.471 χ^2/NDF : 3.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.855+/-190.993 χ^2/NDF : 2.1/3

Left: 103.299+/-132.313 χ^2/NDF : 12.9/8

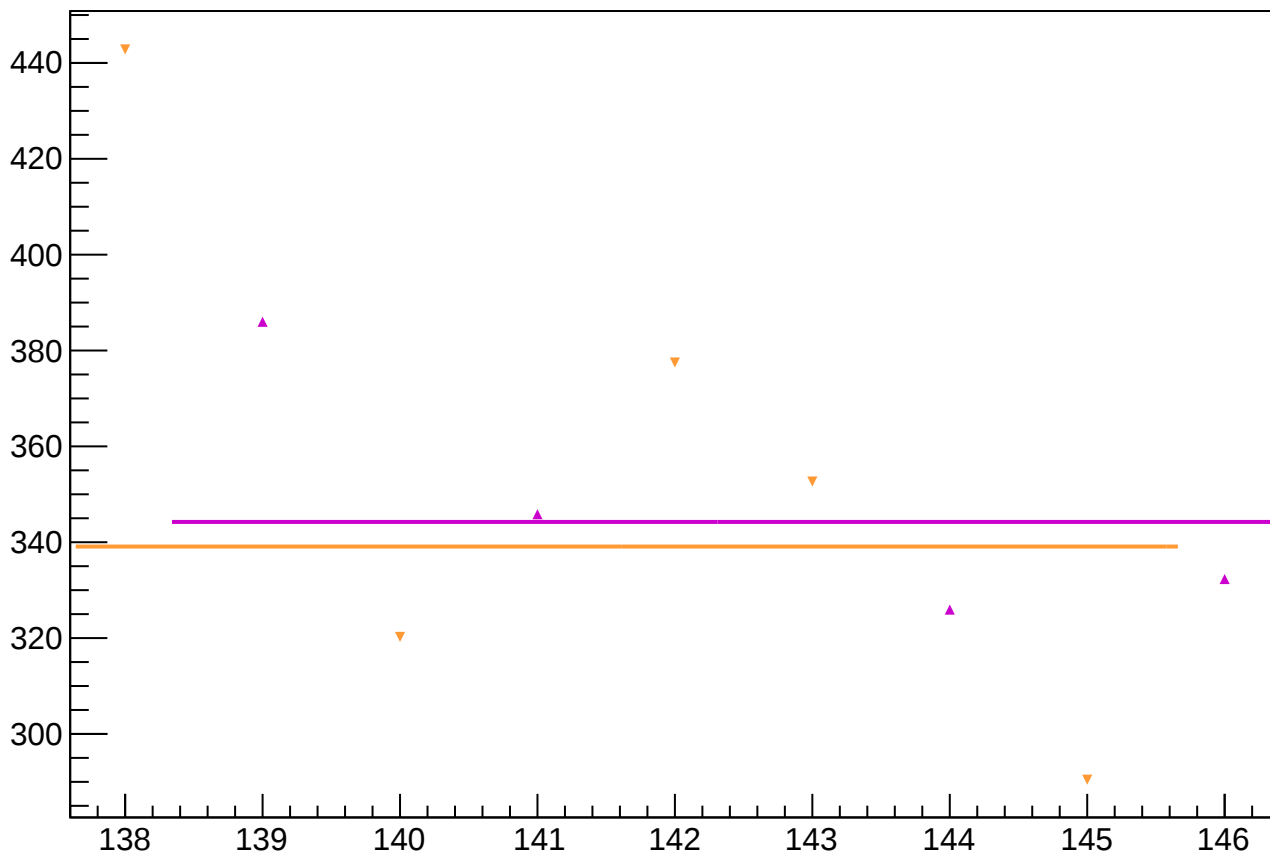
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.855+/-190.993 χ^2/NDF : 2.1/3

Out: -240.491+/-183.471 χ^2/NDF : 3.5/4

All: 103.299+/-132.313 χ^2/NDF : 12.9/8

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 339.100+/-0.130 χ^2/NDF :139566.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Left: 341.564+/-0.094 χ^2/NDF : 165996.4/8

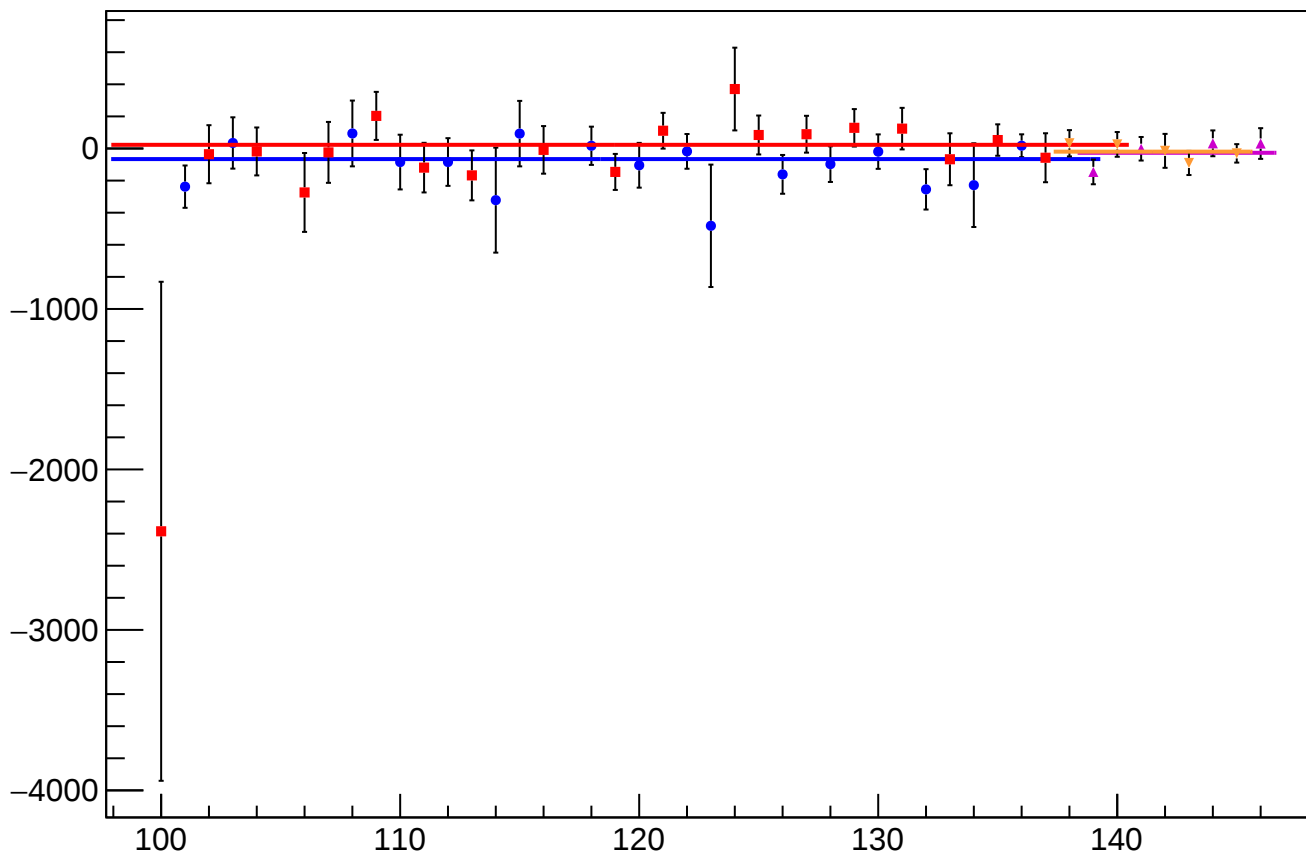
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.235+/-0.135 χ^2/NDF :25678.3/3

Out: 339.100+/-0.130 χ^2/NDF :139566.1/4

All: 341.564+/-0.094 χ^2/NDF : 165996.4/8

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -19.586 ± 33.588 χ^2/NDF : 1.7/4

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -26.778 ± 40.219 χ^2/NDF : 3.4/3

Left: -22.541 ± 25.780 χ^2/NDF : 5.1/8

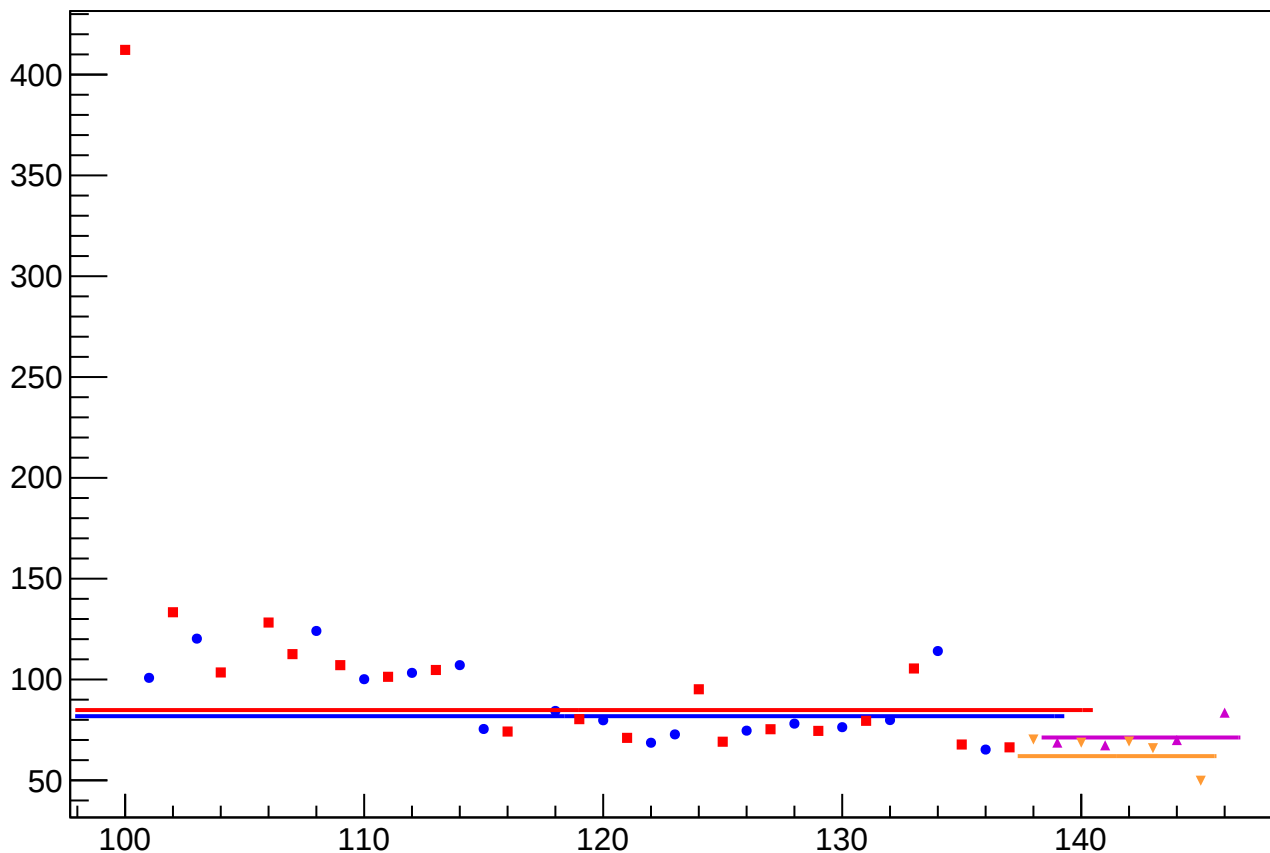
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -50.613 ± 25.179 χ^2/NDF : 14.8/20

Out: 2.177 ± 23.460 χ^2/NDF : 17.8/23

All: -22.355 ± 17.164 χ^2/NDF : 34.9/44

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: 71.237 $\pm$ 0.028 χ^2 /NDF: 41413.6/3

Left: 65.790 $\pm$ 0.018 χ^2 /NDF: 243754.0/8

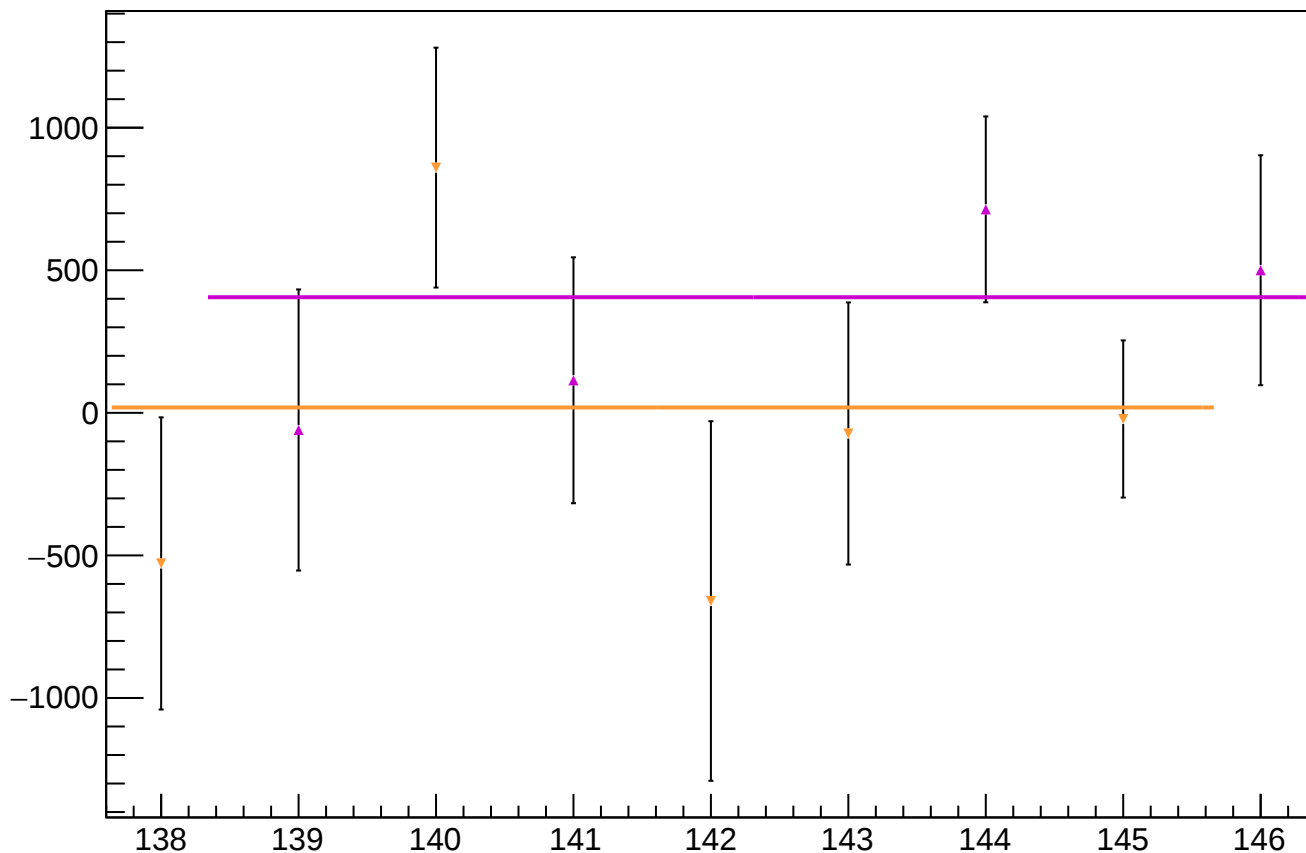
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 77.665 $\pm$ 0.018 χ^2 /NDF: 632638.4/20

Out: 73.691 $\pm$ 0.017 χ^2 /NDF: 1318570.6/23

All: 75.538 $\pm$ 0.012 χ^2 /NDF: 1977880.7/44

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 18.829+/-182.948 χ^2/NDF :6.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 405.439+/-199.778 χ^2/NDF :2.3/3

Left: 195.166+/-134.922 χ^2/NDF : 10.7/8

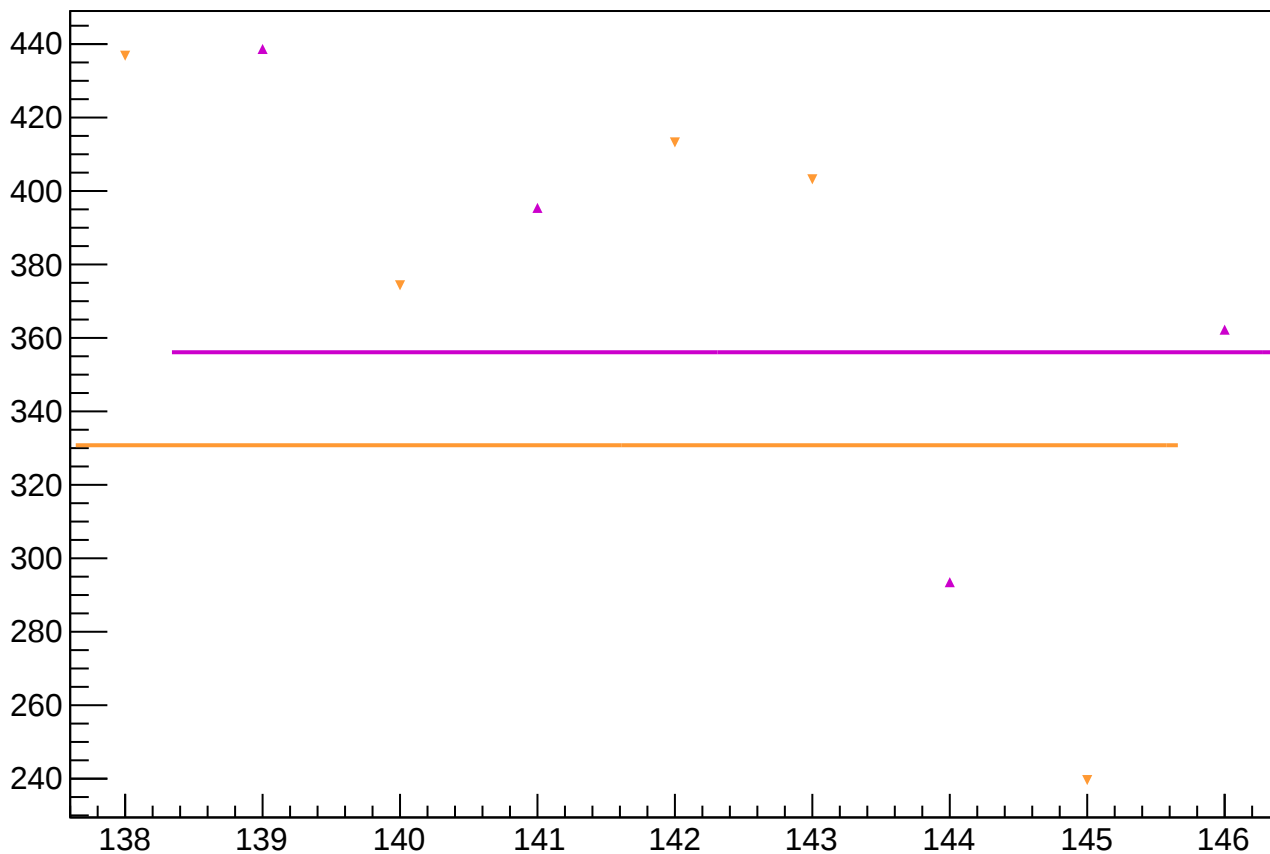
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 405.439+/-199.778 χ^2/NDF :2.3/3

Out: 18.829+/-182.948 χ^2/NDF :6.4/4

All: 195.166+/-134.922 χ^2/NDF : 10.7/8

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 330.781+/-0.129 χ^2/NDF :409817.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 356.099+/-0.141 χ^2/NDF :146968.8/3

Left: 342.328+/-0.095 χ^2/NDF : 574256.8/8

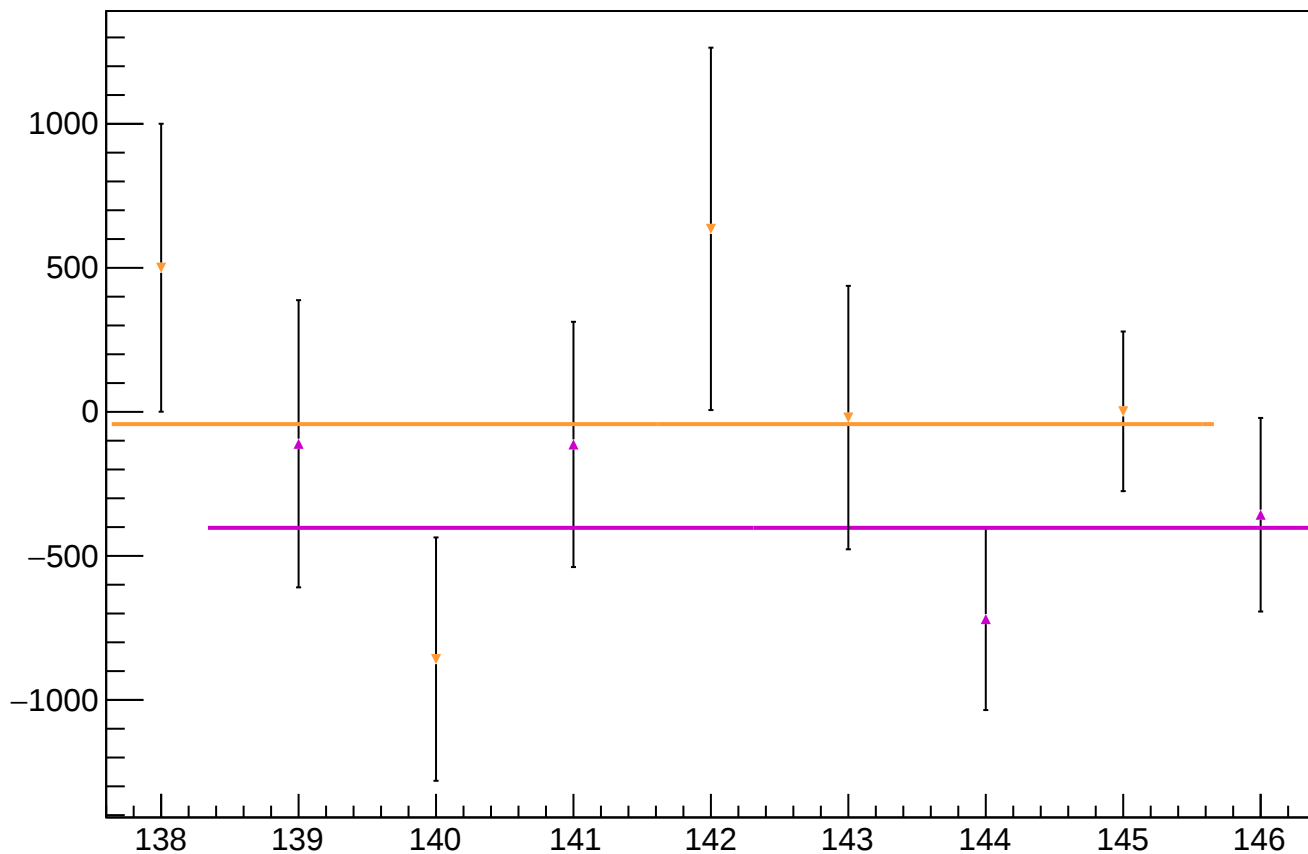
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.099+/-0.141 χ^2/NDF :146968.8/3

Out: 330.781+/-0.129 χ^2/NDF :409817.6/4

All: 342.328+/-0.095 χ^2/NDF : 574256.8/8

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -42.458 ± 182.772 $\chi^2/\text{NDF}: 6.1/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -402.567 ± 187.586 $\chi^2/\text{NDF}: 1.8/3$

Left: -217.833 ± 130.908 $\chi^2/\text{NDF}: 9.8/8$

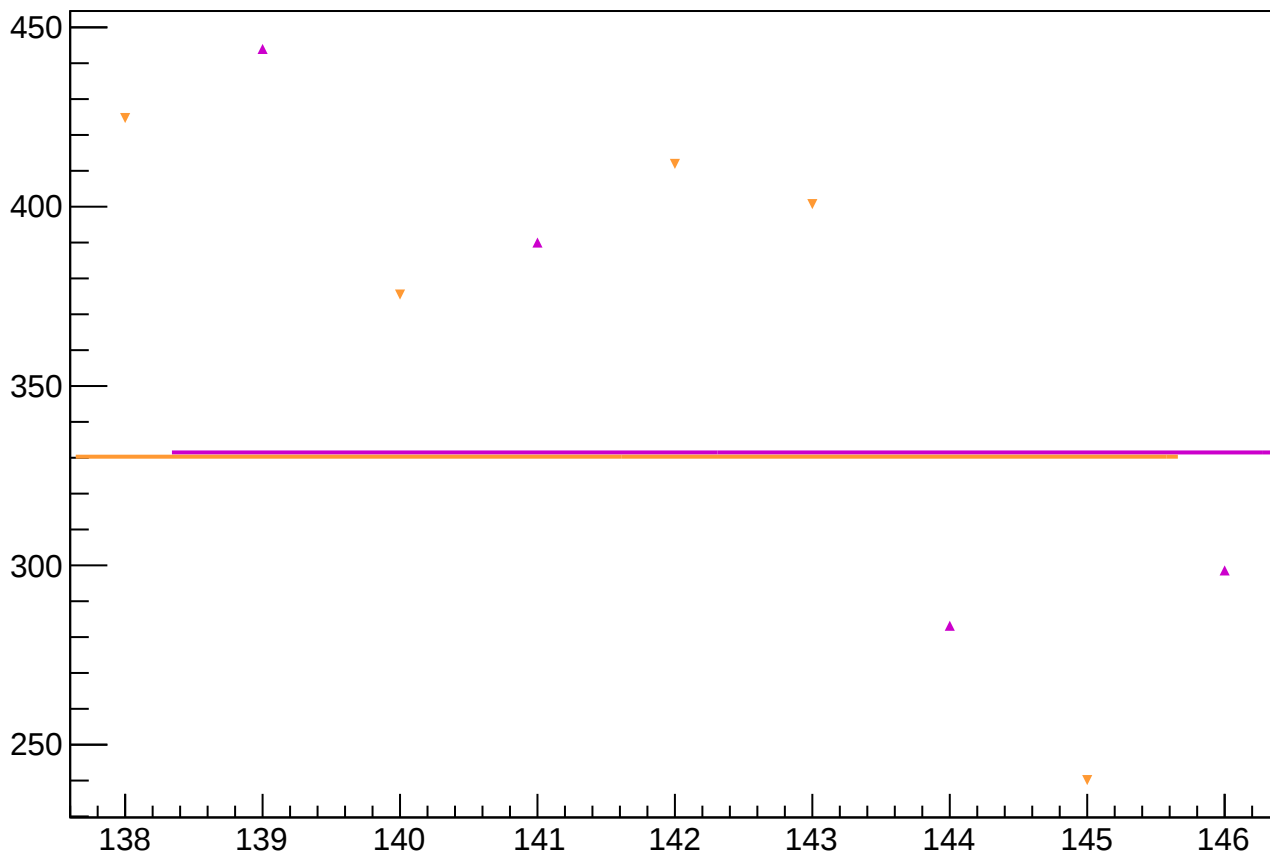
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -402.567 ± 187.586 $\chi^2/\text{NDF}: 1.8/3$

Out: -42.458 ± 182.772 $\chi^2/\text{NDF}: 6.1/4$

All: -217.833 ± 130.908 $\chi^2/\text{NDF}: 9.8/8$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 330.298+/-0.129 χ^2/NDF : 387097.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 331.480+/-0.133 χ^2/NDF : 205601.6/3

Left: 330.874+/-0.093 χ^2/NDF : 592739.9/8

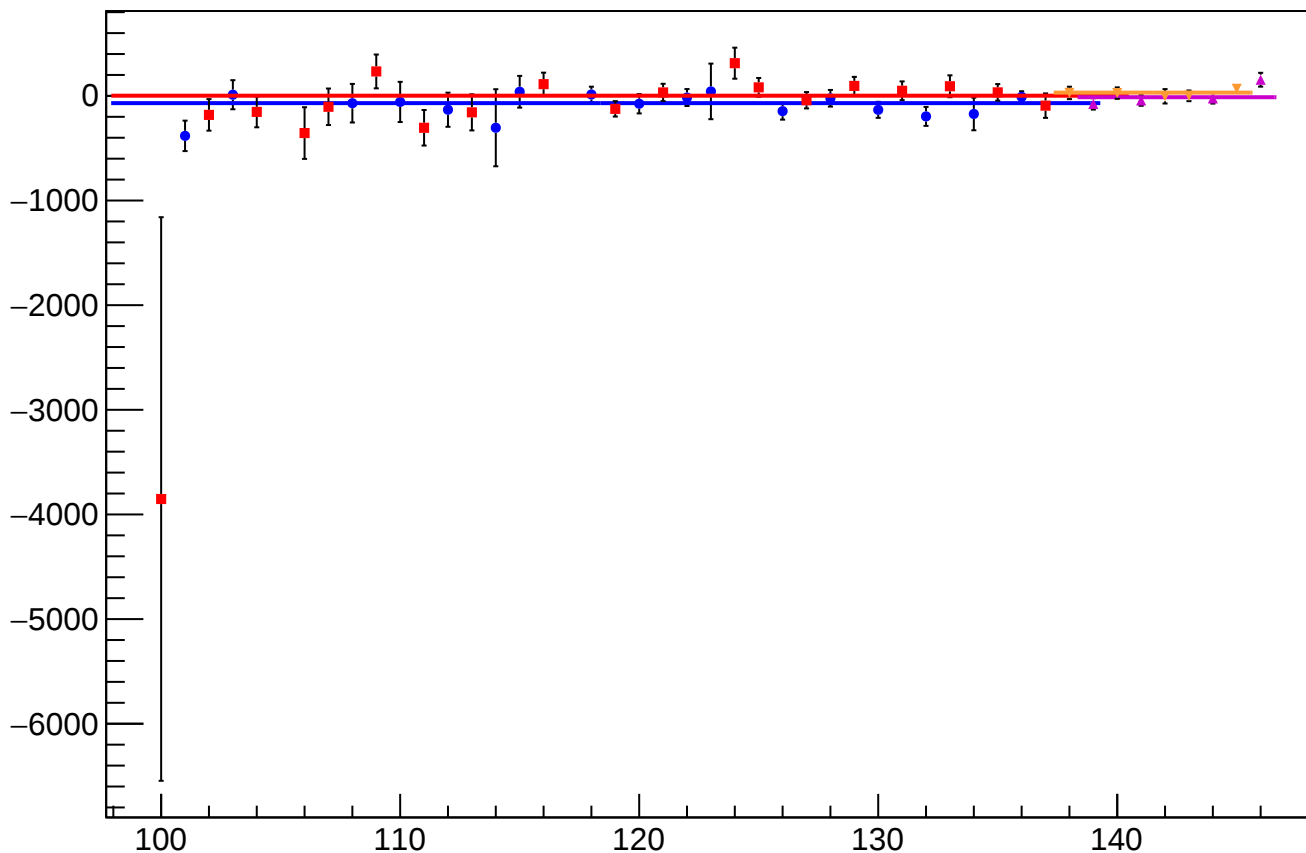
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 331.480+/-0.133 χ^2/NDF : 205601.6/3

Out: 330.298+/-0.129 χ^2/NDF : 387097.6/4

All: 330.874+/-0.093 χ^2/NDF : 592739.9/8

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 31.296 ± 23.561 χ^2/NDF : 1.4/4

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -12.690 ± 27.093 χ^2/NDF : 8.2/3

Left: 12.355 ± 17.779 χ^2/NDF : 11.1/8

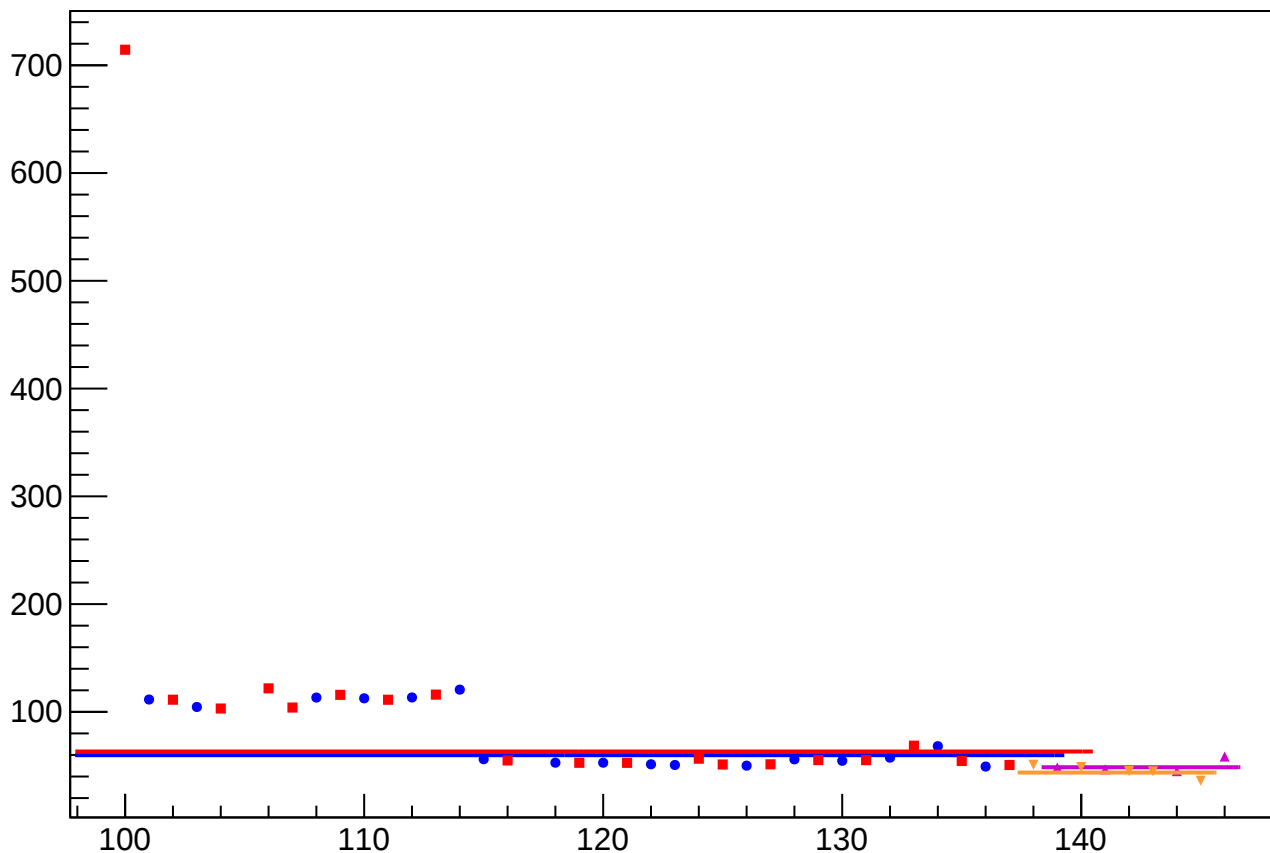
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -44.046 ± 18.073 χ^2/NDF : 24.1/20

Out: 17.504 ± 17.206 χ^2/NDF : 28.0/23

All: -11.759 ± 12.462 χ^2/NDF : 58.1/44

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: 48.620 $\pm$ 0.019 χ^2 /NDF: 58671.7/3

Left: 45.809 $\pm$ 0.013 χ^2 /NDF: 213290.7/8

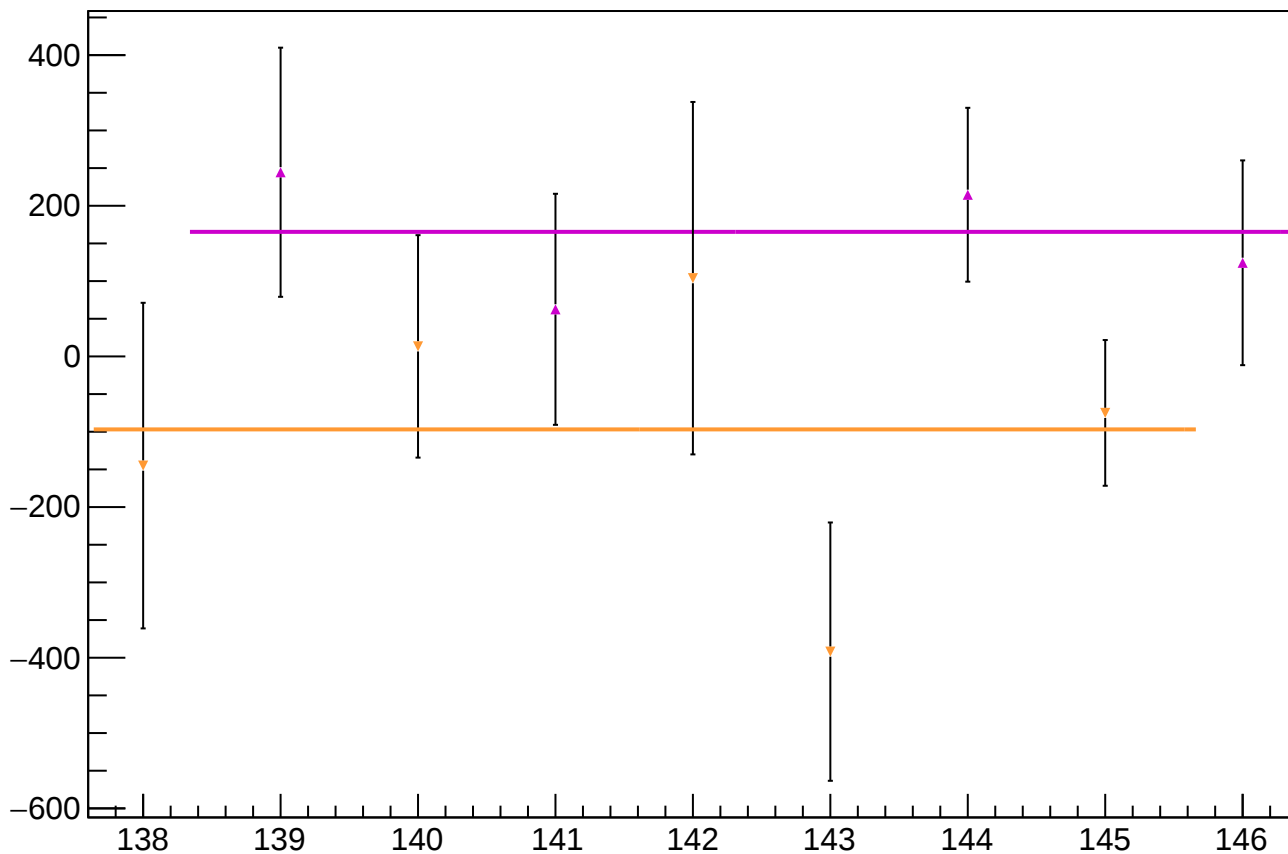
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 54.830 $\pm$ 0.013 χ^2 /NDF: 1477971.0/20

Out: 52.802 $\pm$ 0.012 χ^2 /NDF: 2263036.1/23

All: 53.766 $\pm$ 0.009 χ^2 /NDF: 3754206.1/44

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -96.885 $\pm$ 66.455 χ^2 /NDF:4.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 165.366 $\pm$ 69.284 χ^2 /NDF:1.0/3

Left: 28.776 $\pm$ 47.960 χ^2 /NDF: 12.8/8

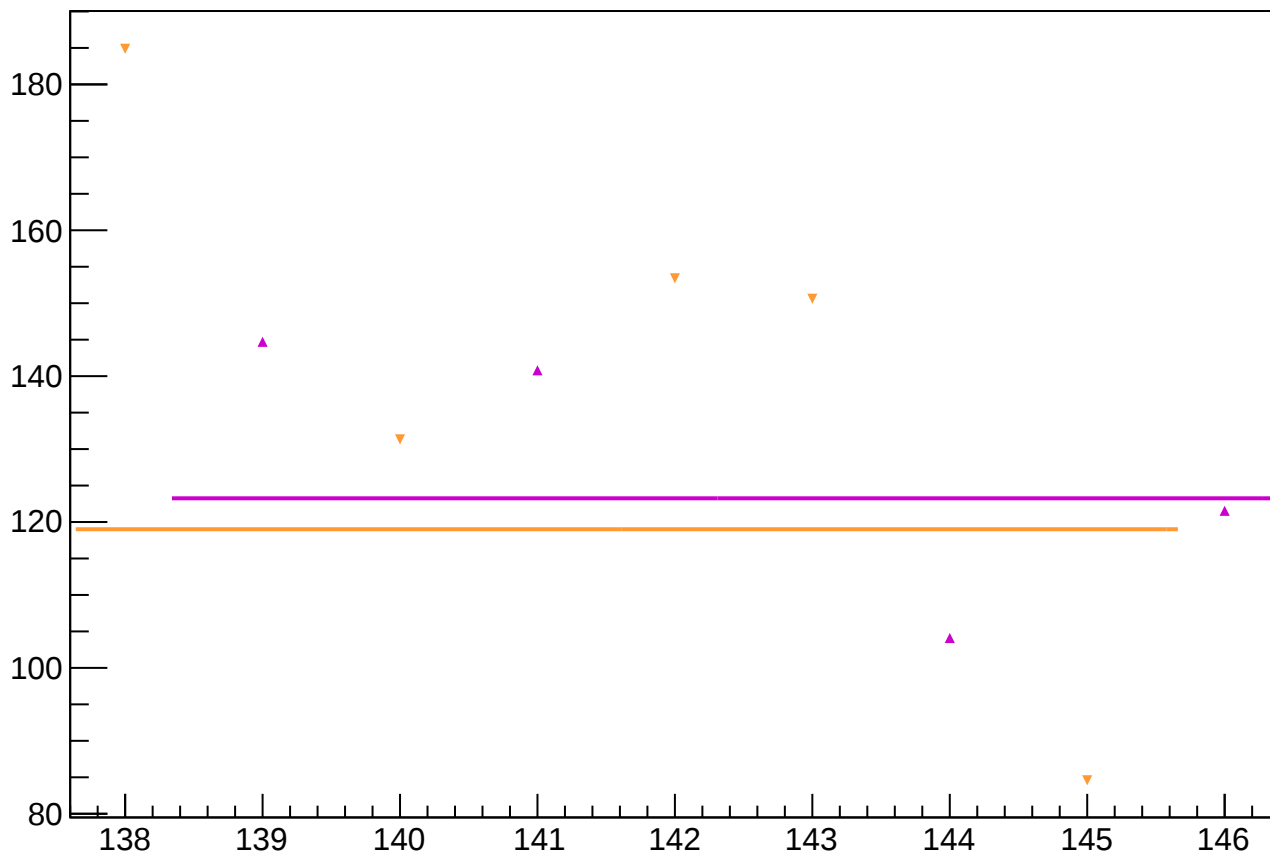
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 165.366 $\pm$ 69.284 χ^2 /NDF:1.0/3

Out: -96.885 $\pm$ 66.455 χ^2 /NDF:4.4/4

All: 28.776 $\pm$ 47.960 χ^2 /NDF: 12.8/8

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 119.011+/-0.047 χ^2/NDF :564189.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 123.251+/-0.049 χ^2/NDF :115285.1/3

Left: 121.043+/-0.034 χ^2/NDF : 683375.2/8

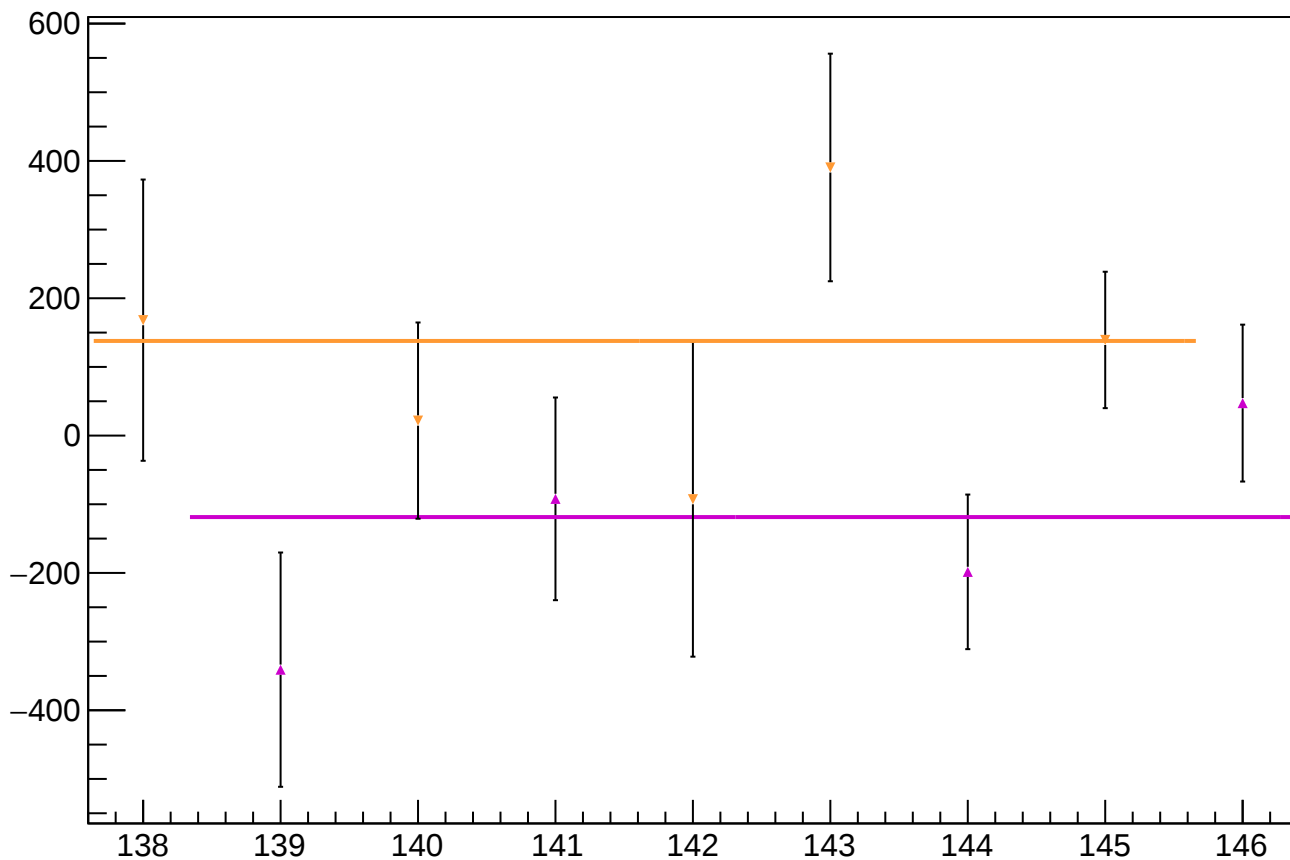
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.251+/-0.049 χ^2/NDF :115285.1/3

Out: 119.011+/-0.047 χ^2/NDF :564189.3/4

All: 121.043+/-0.034 χ^2/NDF : 683375.2/8

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.837+/-65.993 χ^2/NDF : 4.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -118.653+/-65.119 χ^2/NDF : 4.3/3

Left: 7.883+/-46.352 χ^2/NDF : 16.0/8

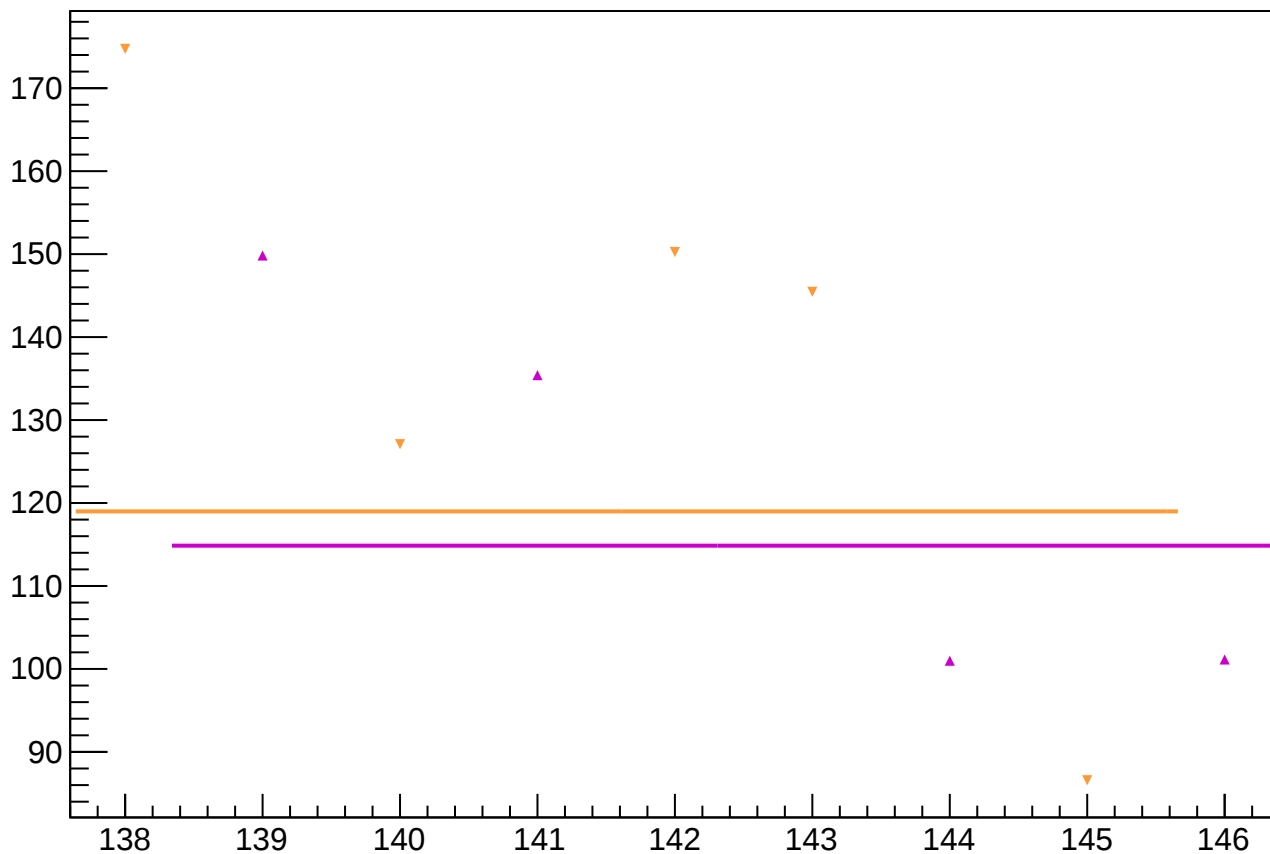
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -118.653+/-65.119 χ^2/NDF : 4.3/3

Out: 137.837+/-65.993 χ^2/NDF : 4.0/4

All: 7.883+/-46.352 χ^2/NDF : 16.0/8

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 118.991+/-0.047 χ^2/NDF : 455694.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

Left: 116.898+/-0.033 χ^2/NDF : 641712.7/8

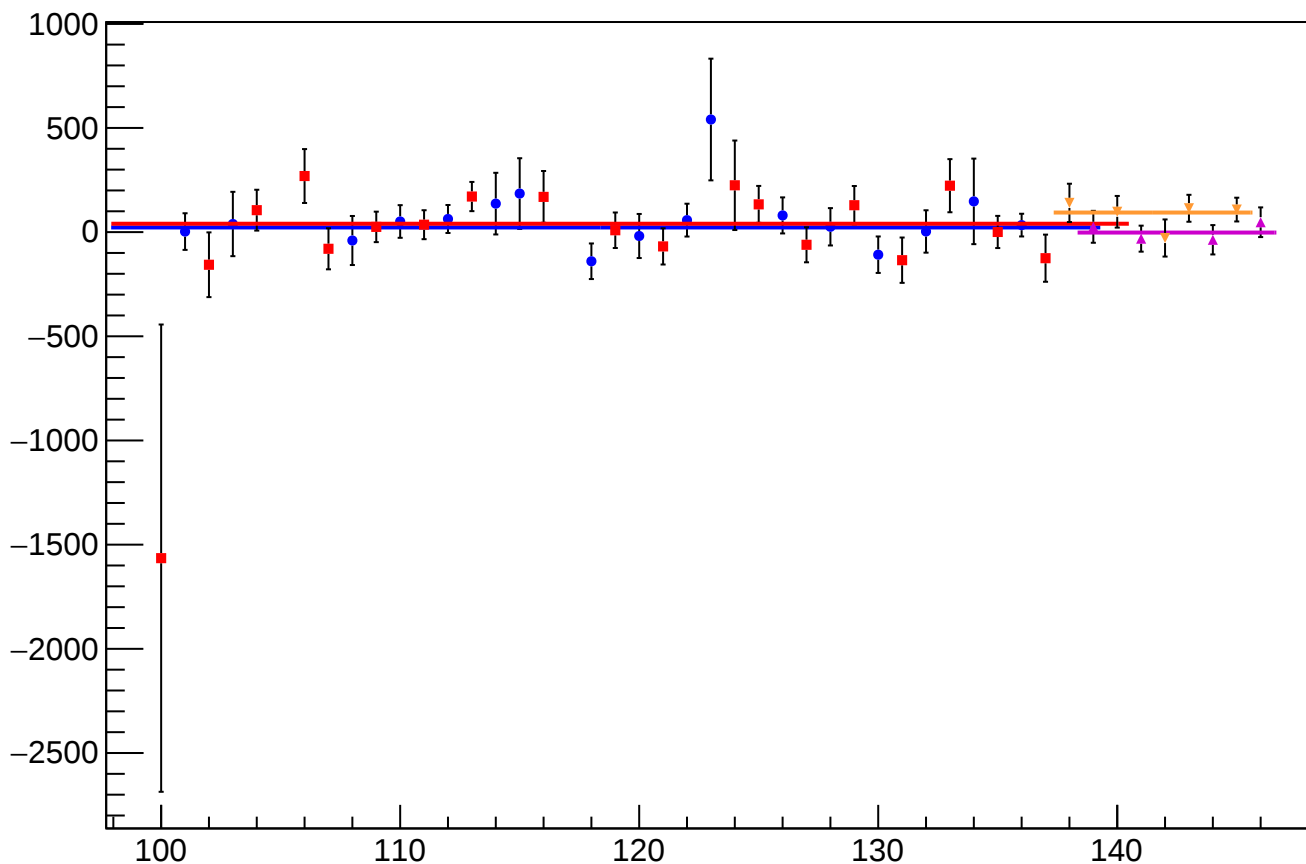
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

Out: 118.991+/-0.047 χ^2/NDF : 455694.8/4

All: 116.898+/-0.033 χ^2/NDF : 641712.7/8

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 93.942+/-32.197 χ^2/NDF : 2.3/4

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: -2.129+/-34.805 χ^2/NDF : 1.1/3

Left: 49.640+/-23.635 χ^2/NDF : 7.5/8

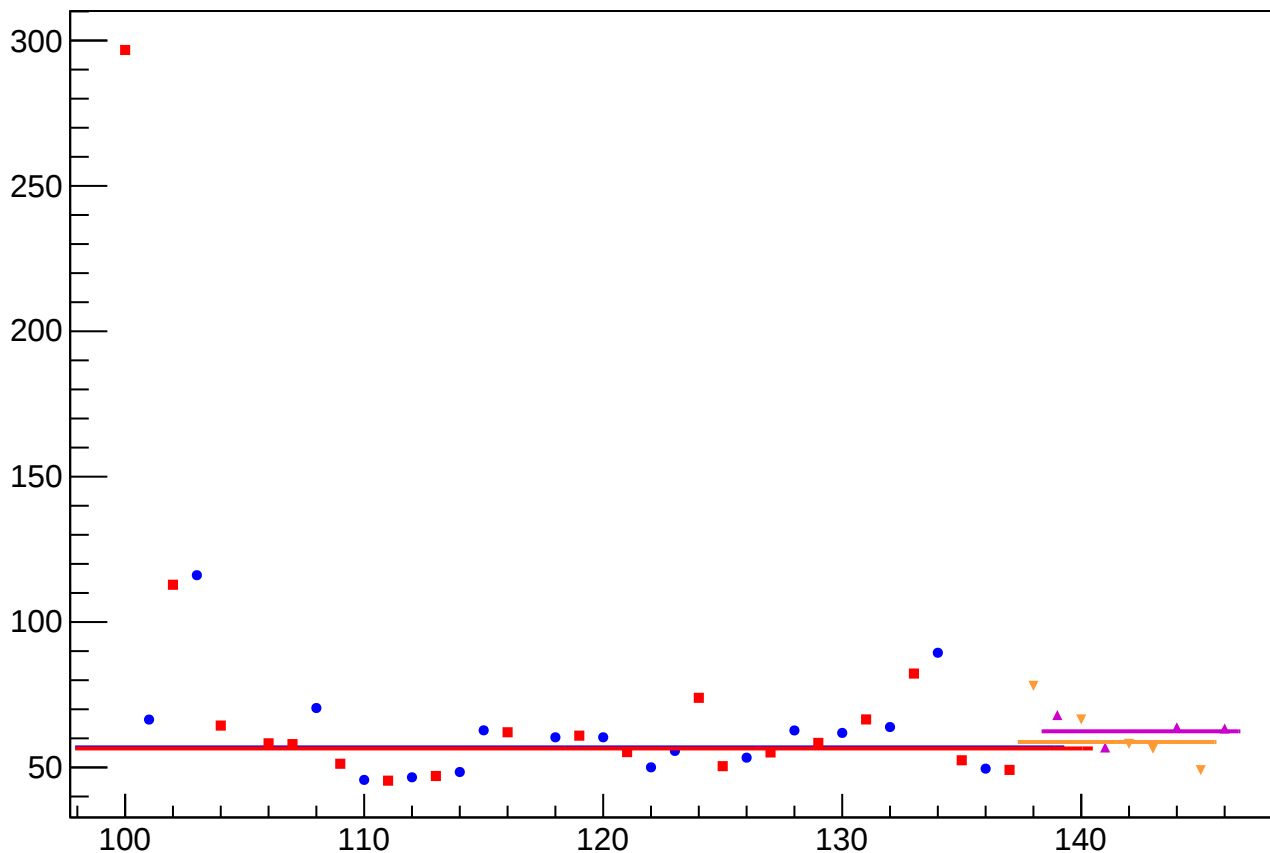
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 15.087+/-18.969 χ^2/NDF : 14.0/20

Out: 57.473+/-18.239 χ^2/NDF : 30.4/23

All: 37.112+/-13.147 χ^2/NDF : 47.1/44

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: 62.423 $\pm$ 0.025 χ^2 /NDF: 27686.4/3

Left: 60.448 $\pm$ 0.017 χ^2 /NDF: 209078.4/8

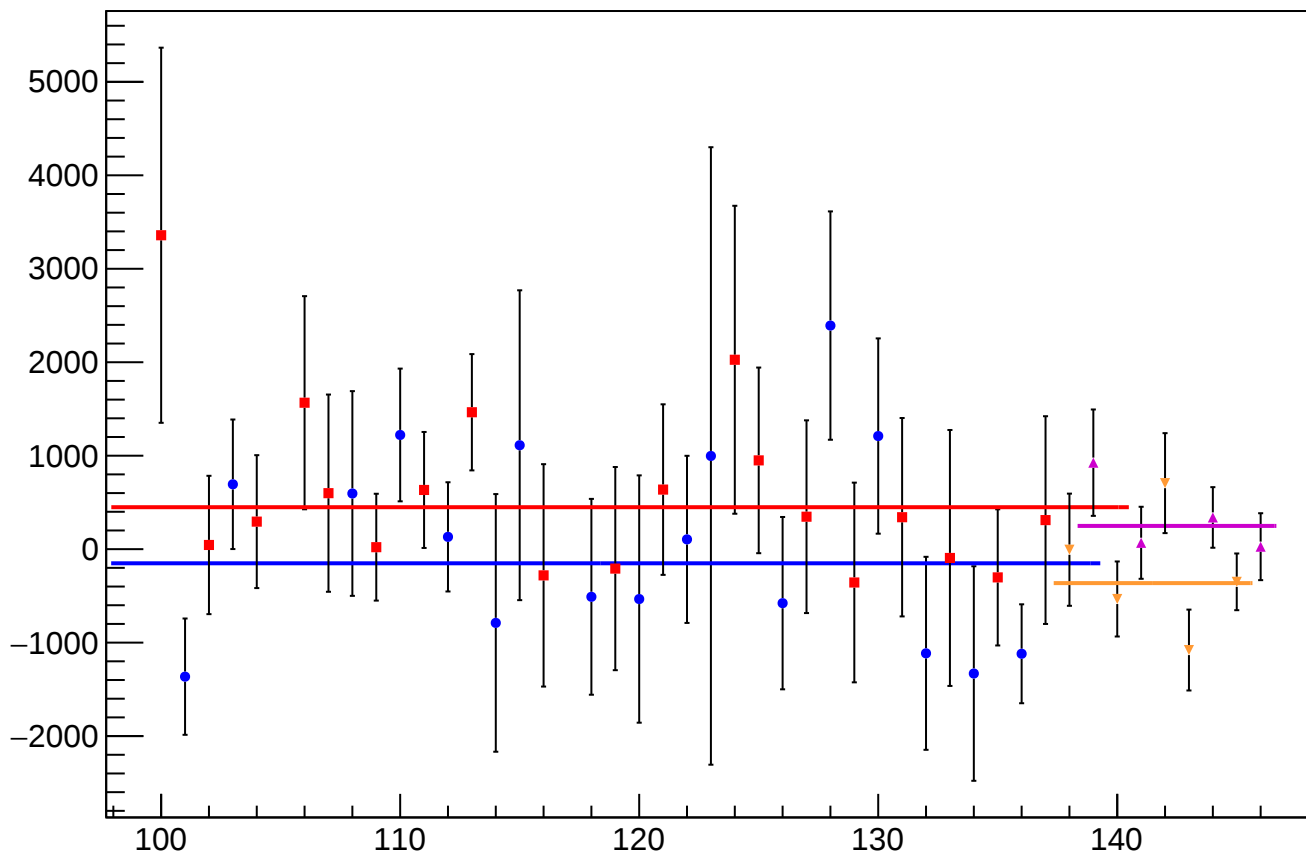
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 58.526 $\pm$ 0.013 χ^2 /NDF: 638850.5/20

Out: 57.244 $\pm$ 0.013 χ^2 /NDF: 788240.0/23

All: 57.859 $\pm$ 0.009 χ^2 /NDF: 1431838.5/44

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: 248.747+/-191.957 χ^2/NDF : 2.1/3

Left: -65.709+/-133.841 χ^2/NDF : 14.6/8

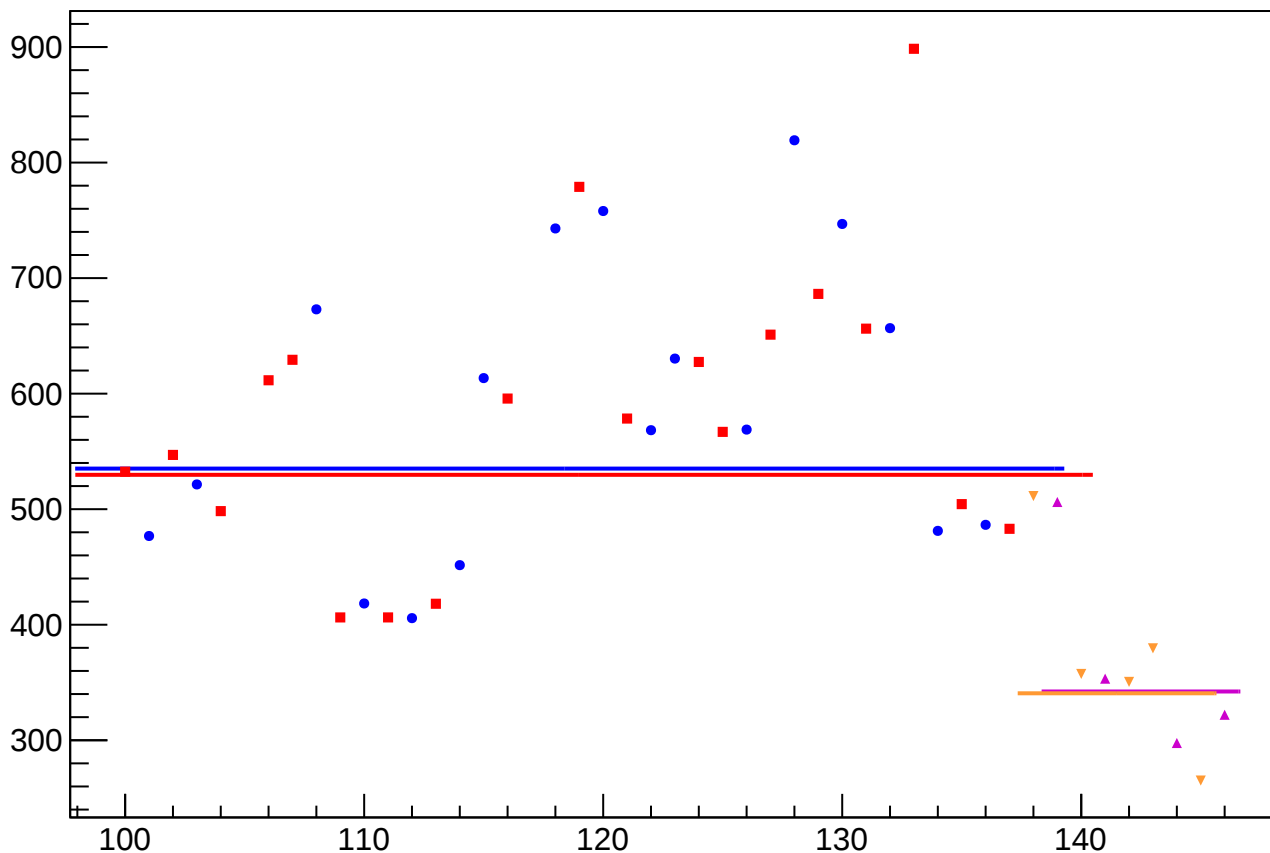
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 68.989+/-142.429 χ^2/NDF : 26.5/20

Out: 6.994+/-137.732 χ^2/NDF : 26.4/23

All: 36.953+/-99.010 χ^2/NDF : 53.0/44

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: 342.214 $\pm$ 0.136 χ^2 /NDF: 211949.3/3

Left: 341.408 $\pm$ 0.095 χ^2 /NDF: 518153.4/8

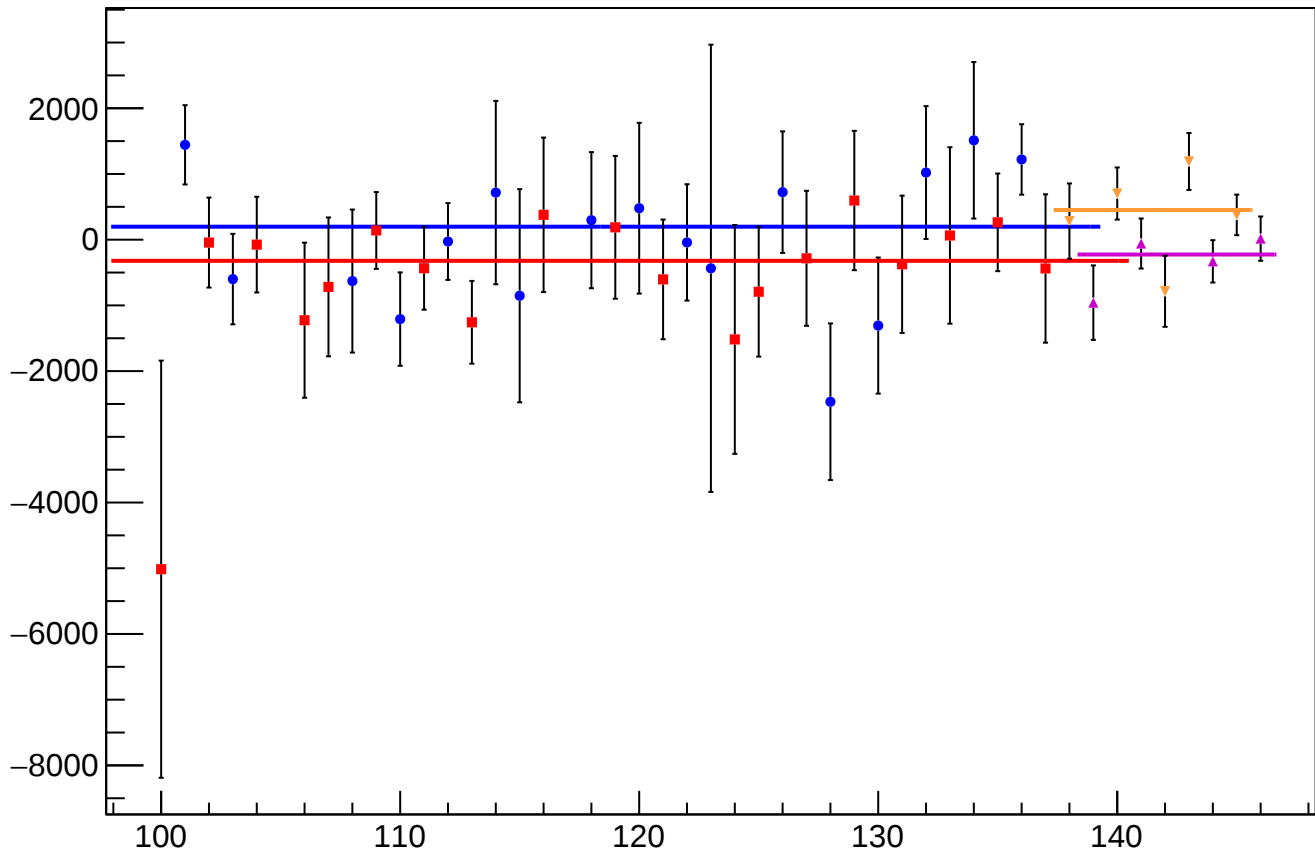
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 428.925 $\pm$ 0.101 χ^2 /NDF: 1716033.5/20

Out: 426.847 $\pm$ 0.097 χ^2 /NDF: 1888029.9/23

All: 427.851 $\pm$ 0.070 χ^2 /NDF: 3604283.3/44

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: -225.731+/-187.480 χ^2/NDF : 2.5/3

Left: 114.054+/-132.332 χ^2/NDF : 17.7/8

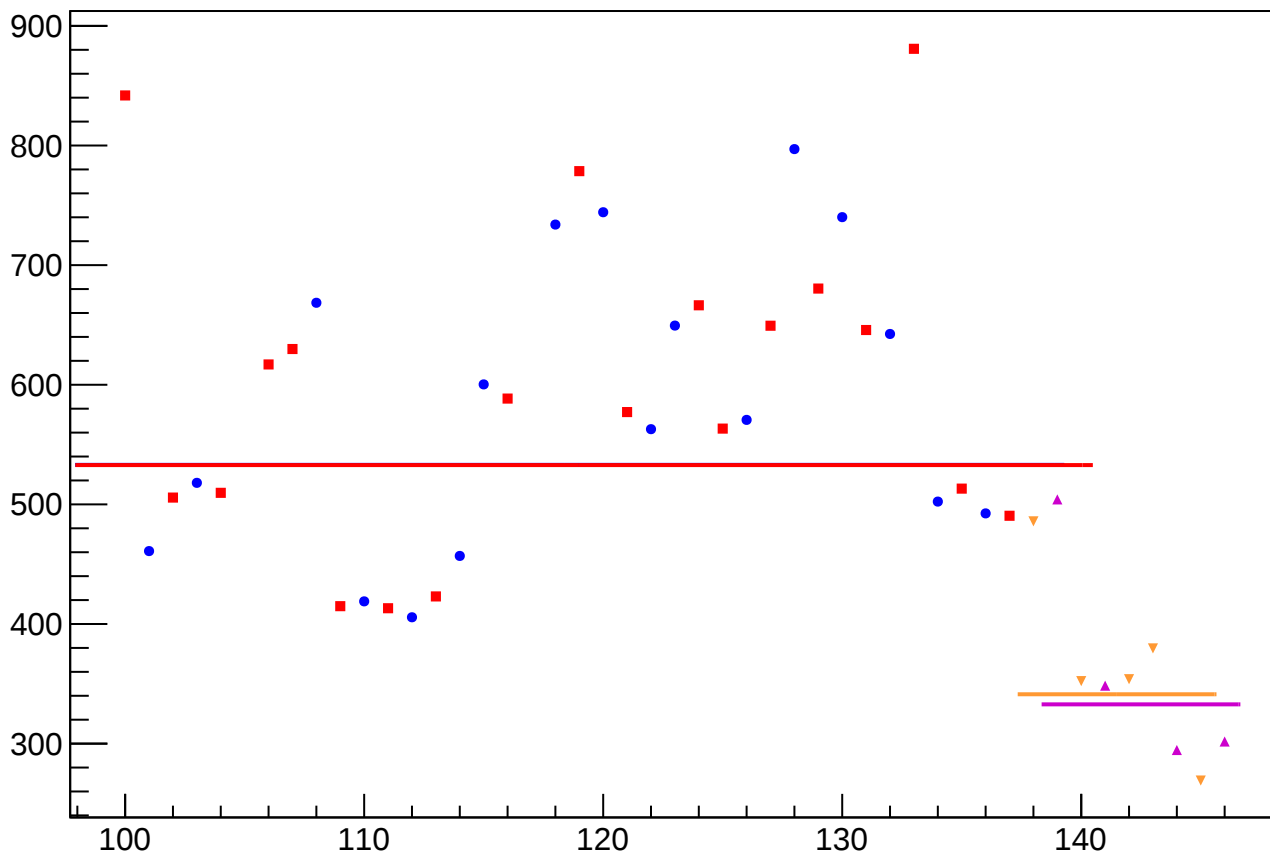
Right: -69.737+/-147.294 χ^2/NDF : 35.9/35

In: -39.457+/-140.289 χ^2/NDF : 28.6/20

Out: 101.237+/-138.162 χ^2/NDF : 25.3/23

All: 31.965+/-98.439 χ^2/NDF : 54.5/44

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: 332.827 $\pm$ 0.133 χ^2 /NDF: 231188.7/3

Left: 337.060 $\pm$ 0.094 χ^2 /NDF: 488000.5/8

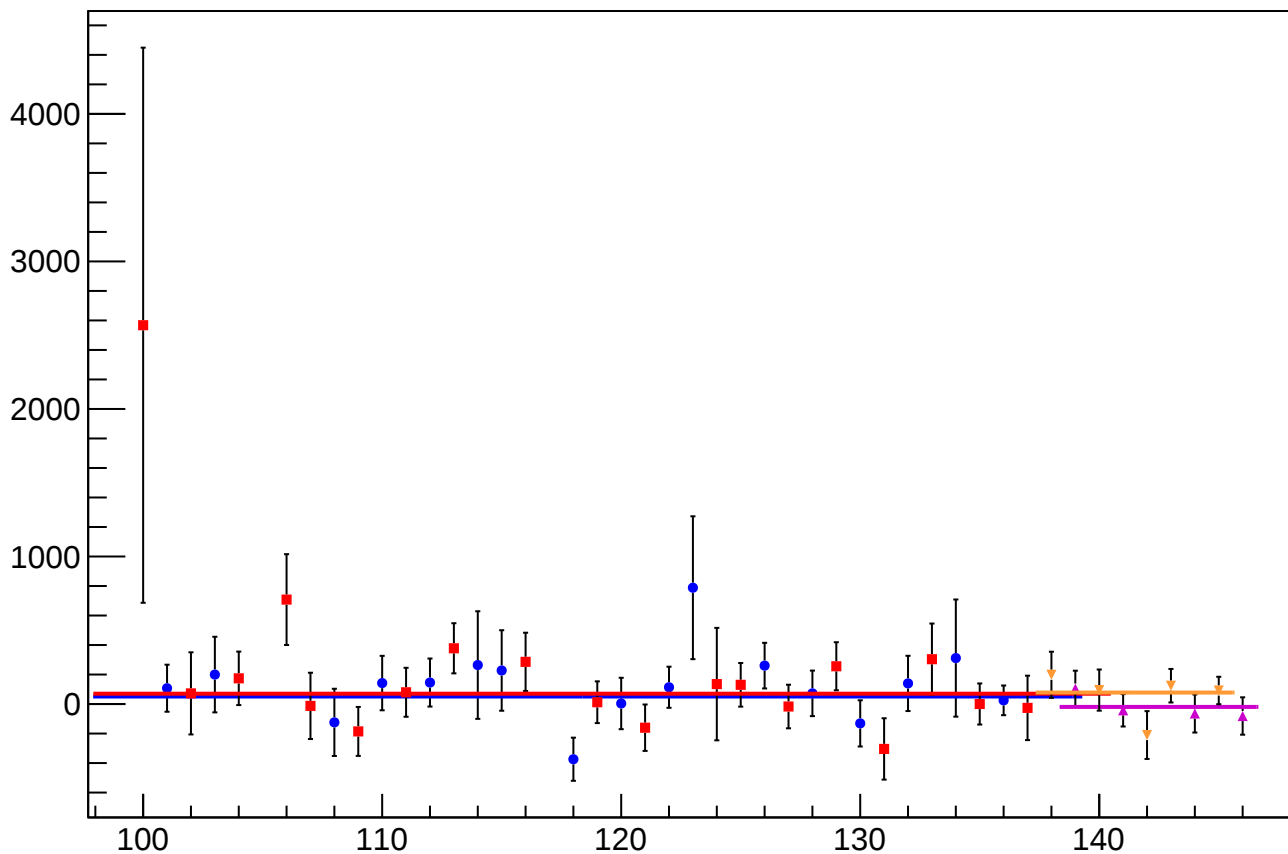
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 420.929 $\pm$ 0.099 χ^2 /NDF: 1801684.3/20

Out: 428.061 $\pm$ 0.098 χ^2 /NDF: 1824771.7/23

All: 424.549 $\pm$ 0.070 χ^2 /NDF: 3629079.7/44

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: -19.487 $\pm$ 60.506 χ^2 /NDF: 1.4/3

Left: 33.314 $\pm$ 40.944 χ^2 /NDF: 6.8/8

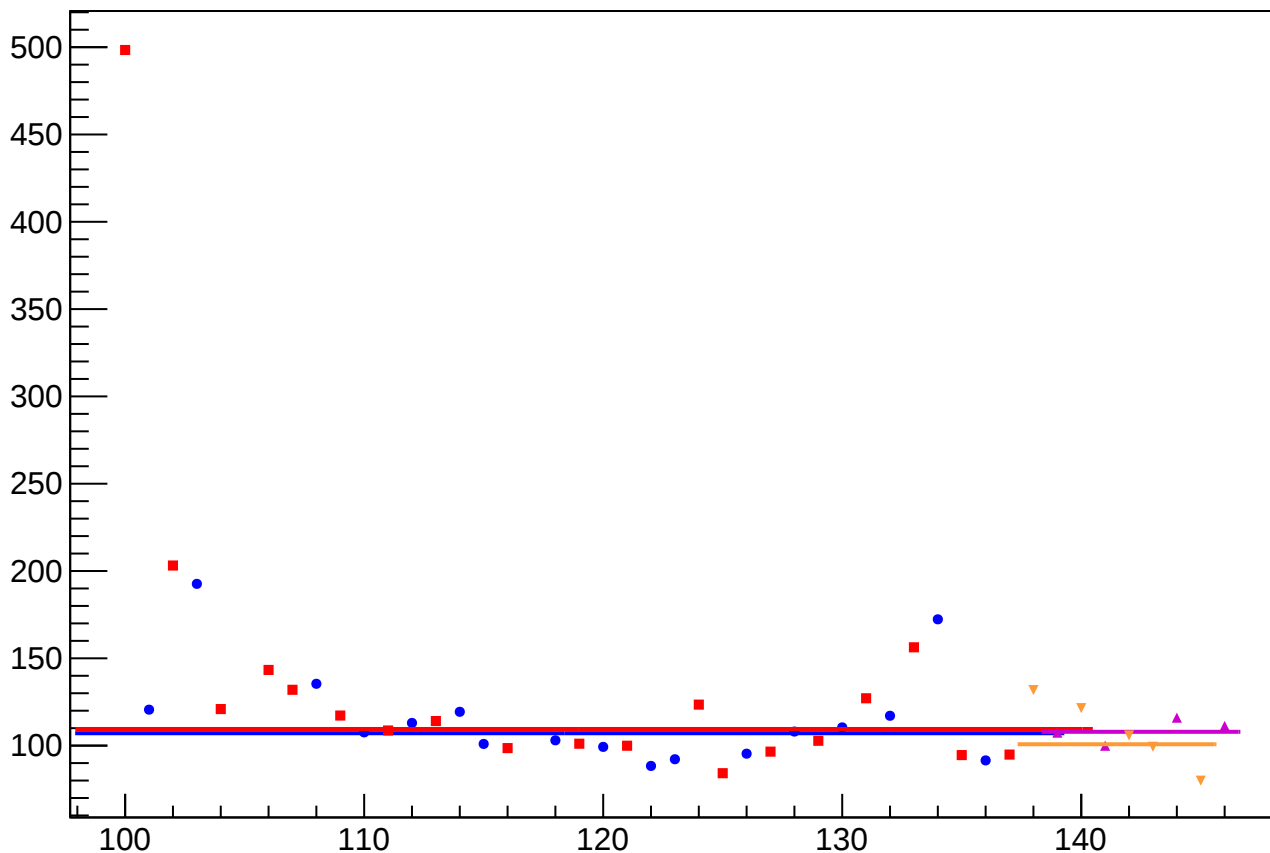
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 27.885 $\pm$ 34.732 χ^2 /NDF: 19.7/20

Out: 72.989 $\pm$ 33.914 χ^2 /NDF: 26.1/23

All: 50.975 $\pm$ 24.265 χ^2 /NDF: 46.7/44

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094+/-0.030 χ^2/NDF : 437755.4/16

Left Out: 100.788+/-0.039 χ^2/NDF : 225521.8/4

Right Out: 109.530+/-0.030 χ^2/NDF : 591522.9/18

Left In: 107.915+/-0.043 χ^2/NDF : 19875.5/3

Left: 104.051+/-0.029 χ^2/NDF : 260442.6/8

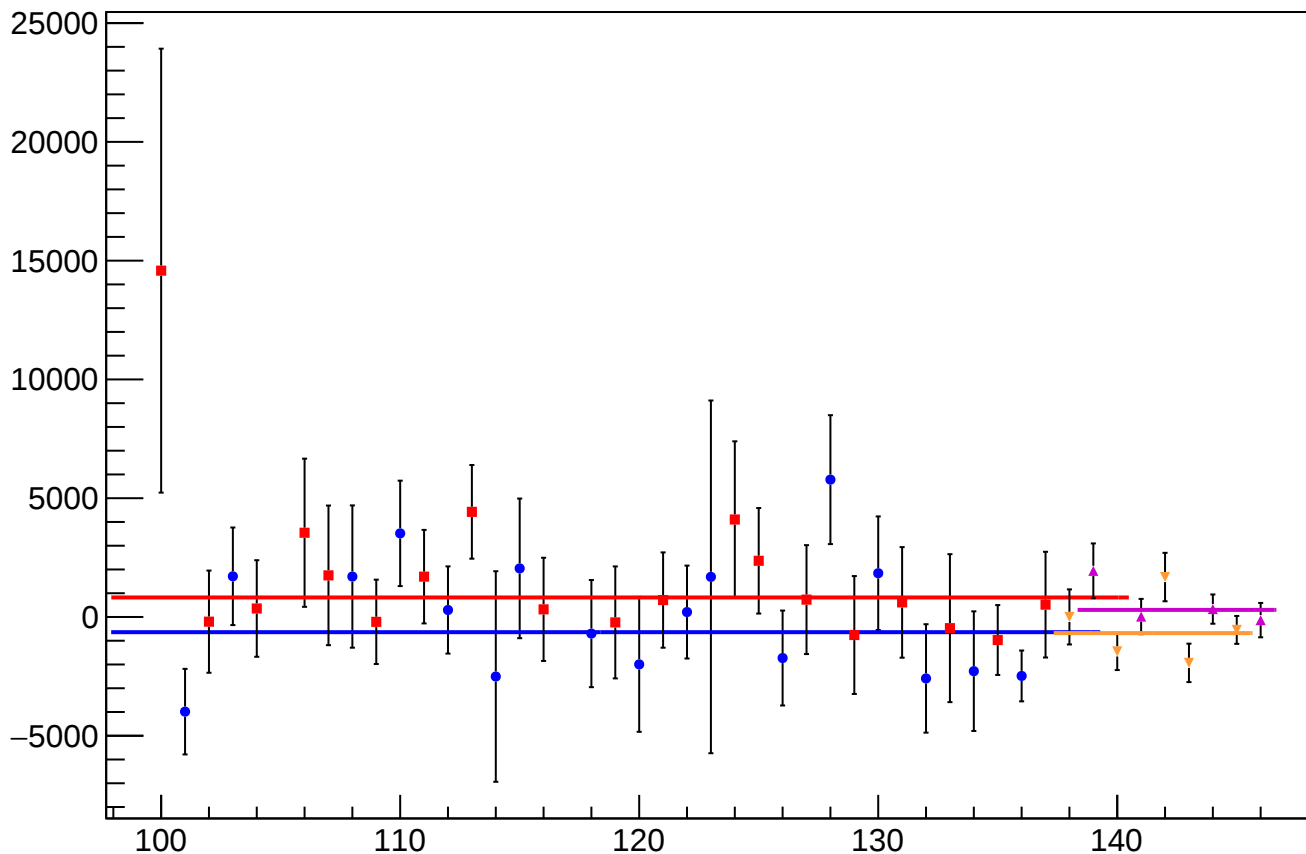
Right: 108.301+/-0.021 χ^2/NDF : 1032549.7/35

In: 107.364+/-0.025 χ^2/NDF : 457878.1/20

Out: 106.279+/-0.024 χ^2/NDF : 848094.0/23

All: 106.809+/-0.017 χ^2/NDF : 1306972.2/44

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: 298.065+/-375.133 χ^2/NDF : 2.5/3

Left: -211.470+/-259.390 χ^2/NDF : 15.2/8

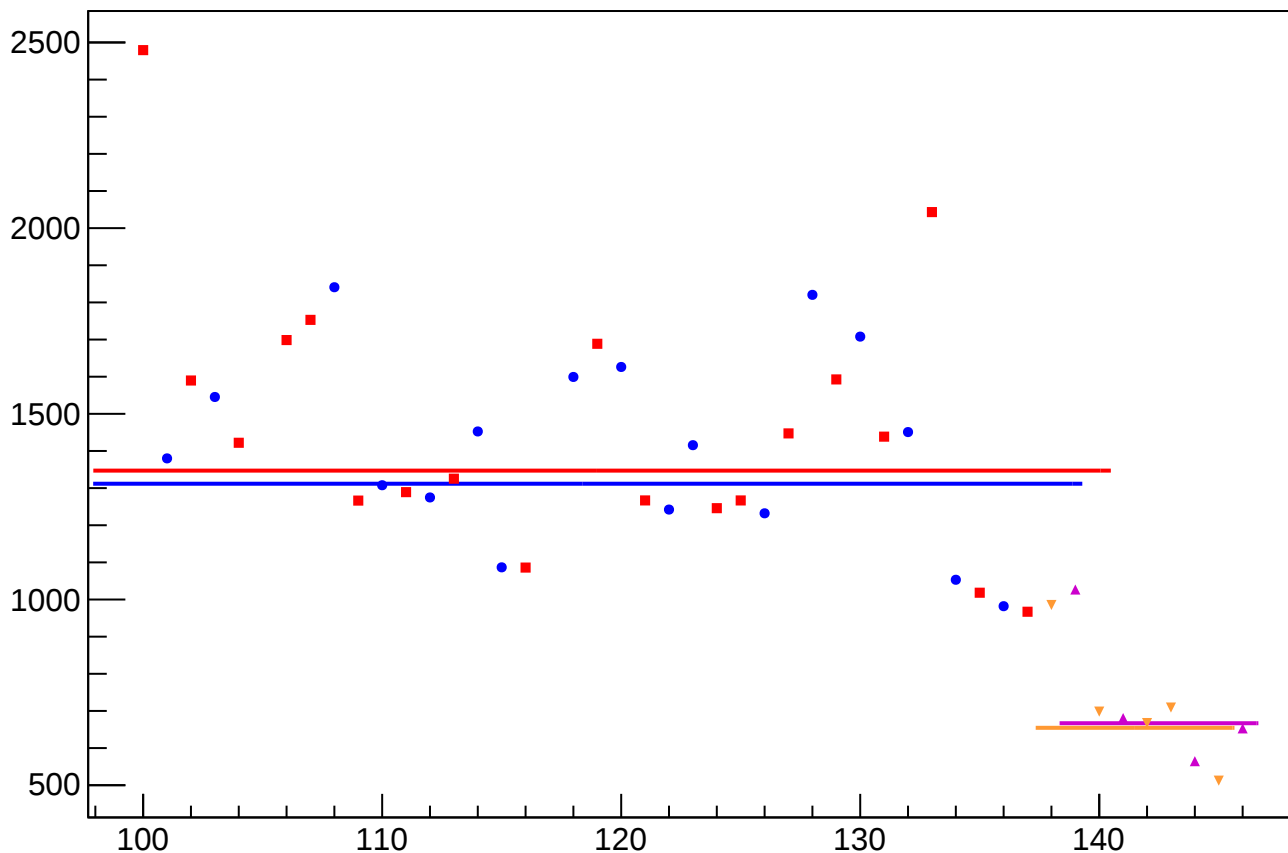
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -23.587+/-304.079 χ^2/NDF : 26.4/20

Out: -188.567+/-294.663 χ^2/NDF : 25.8/23

All: -108.671+/-211.609 χ^2/NDF : 52.4/44

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: 666.912+/-0.265 χ^2/NDF : 251550.7/3

Left: 660.461+/-0.183 χ^2/NDF : 548489.6/8

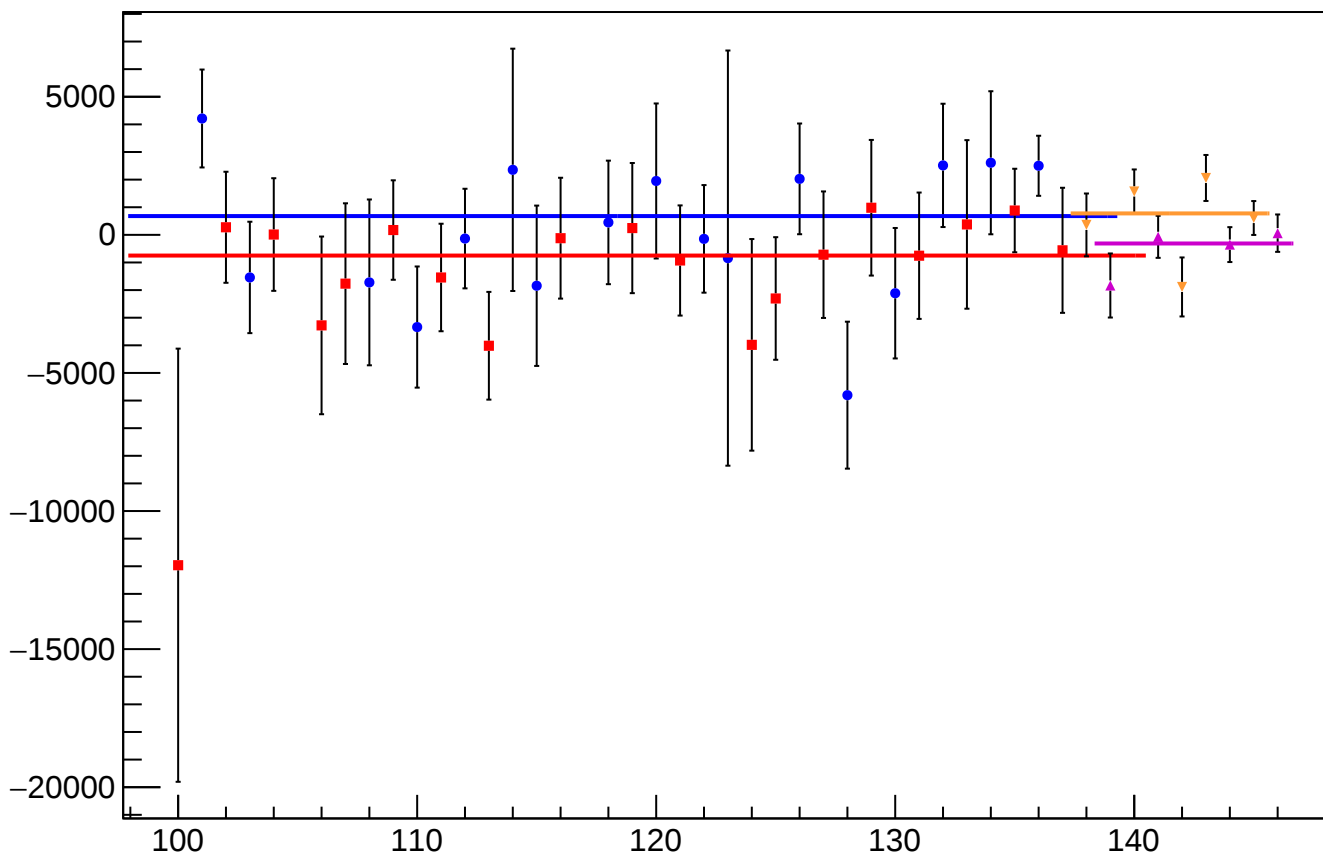
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 888.071+/-0.215 χ^2/NDF : 2791179.3/20

Out: 880.693+/-0.208 χ^2/NDF : 3215893.9/23

All: 884.266+/-0.150 χ^2/NDF : 6007680.5/44

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 ± 517.508 $\chi^2/\text{NDF}: 22.6/16$

Left Out: 776.348 ± 369.627 $\chi^2/\text{NDF}: 9.8/4$

Right Out: -749.718 ± 516.198 $\chi^2/\text{NDF}: 9.7/18$

Left In: -312.409 ± 373.771 $\chi^2/\text{NDF}: 2.1/3$

Left: 238.038 ± 262.818 $\chi^2/\text{NDF}: 16.2/8$

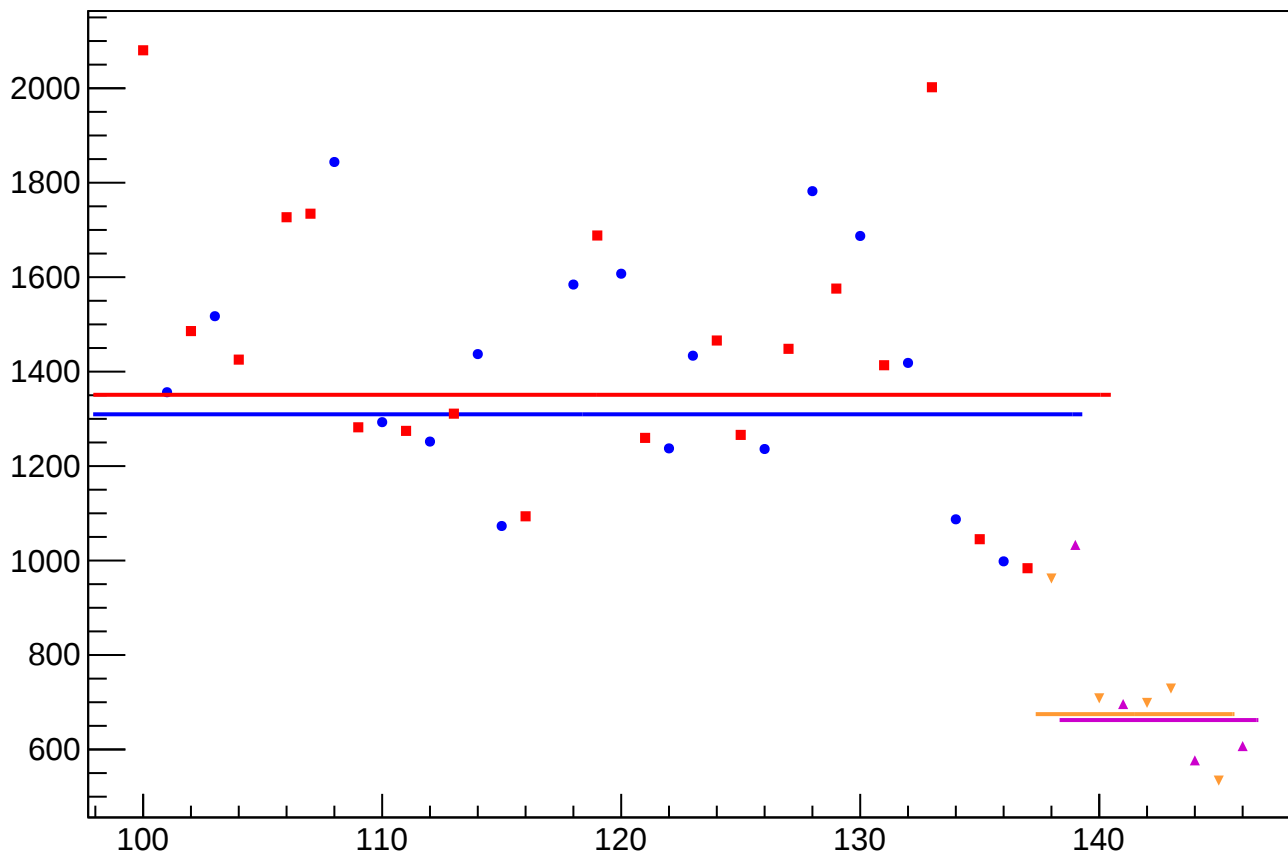
Right: -36.709 ± 365.469 $\chi^2/\text{NDF}: 36.1/35$

In: 27.780 ± 303.004 $\chi^2/\text{NDF}: 27.1/20$

Out: 259.093 ± 300.526 $\chi^2/\text{NDF}: 25.3/23$

All: 144.386 ± 213.375 $\chi^2/\text{NDF}: 52.6/44$

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: 662.282 $\pm$ 0.264 χ^2 /NDF: 258133.9/3

Left: 668.625 $\pm$ 0.186 χ^2 /NDF: 505173.5/8

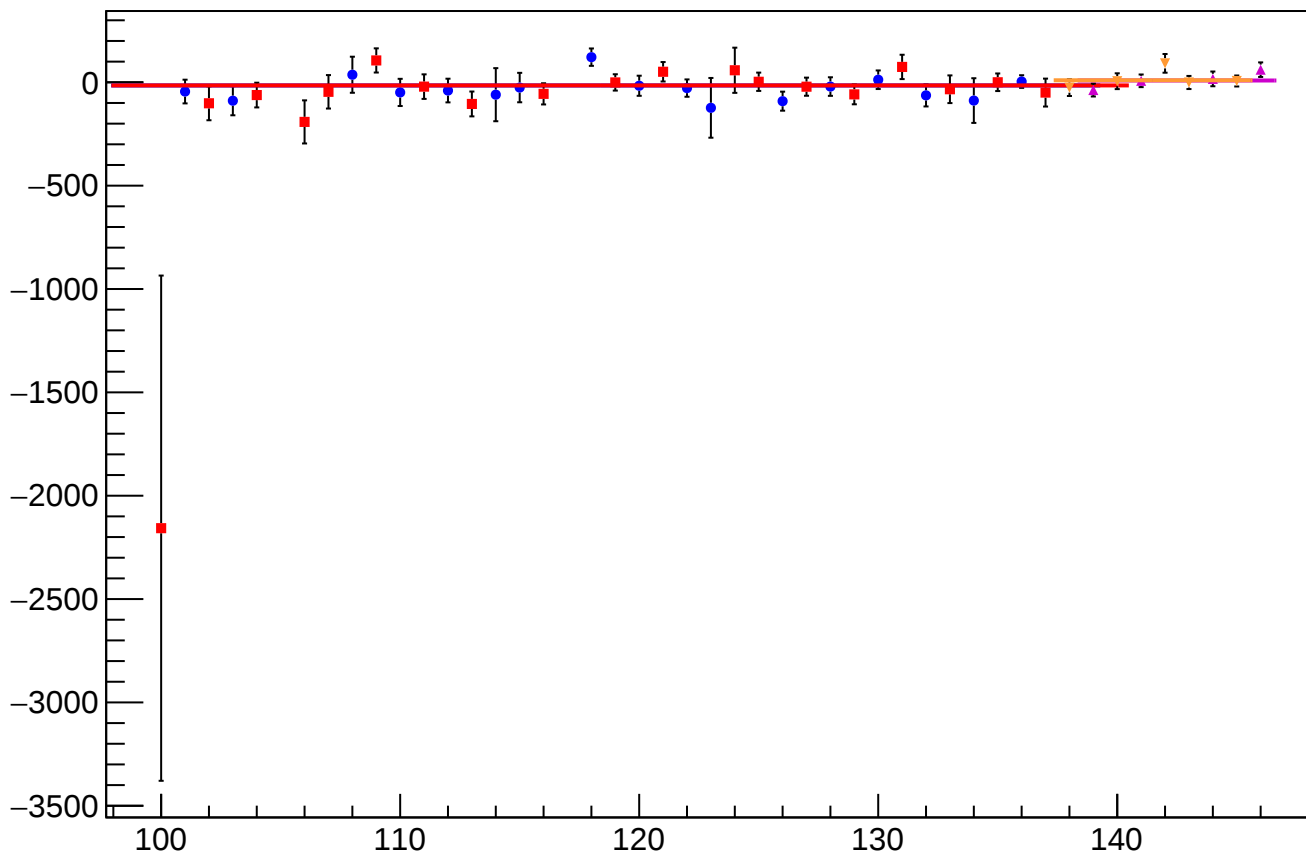
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 884.212 $\pm$ 0.214 χ^2 /NDF: 2774241.9/20

Out: 903.995 $\pm$ 0.213 χ^2 /NDF: 2936784.2/23

All: 894.185 $\pm$ 0.151 χ^2 /NDF: 5715323.6/44

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 9.772 ± 15.444 χ^2/NDF : 4.2/4

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: 8.717 ± 16.487 χ^2/NDF : 4.4/3

Left: 9.279 ± 11.271 χ^2/NDF : 8.6/8

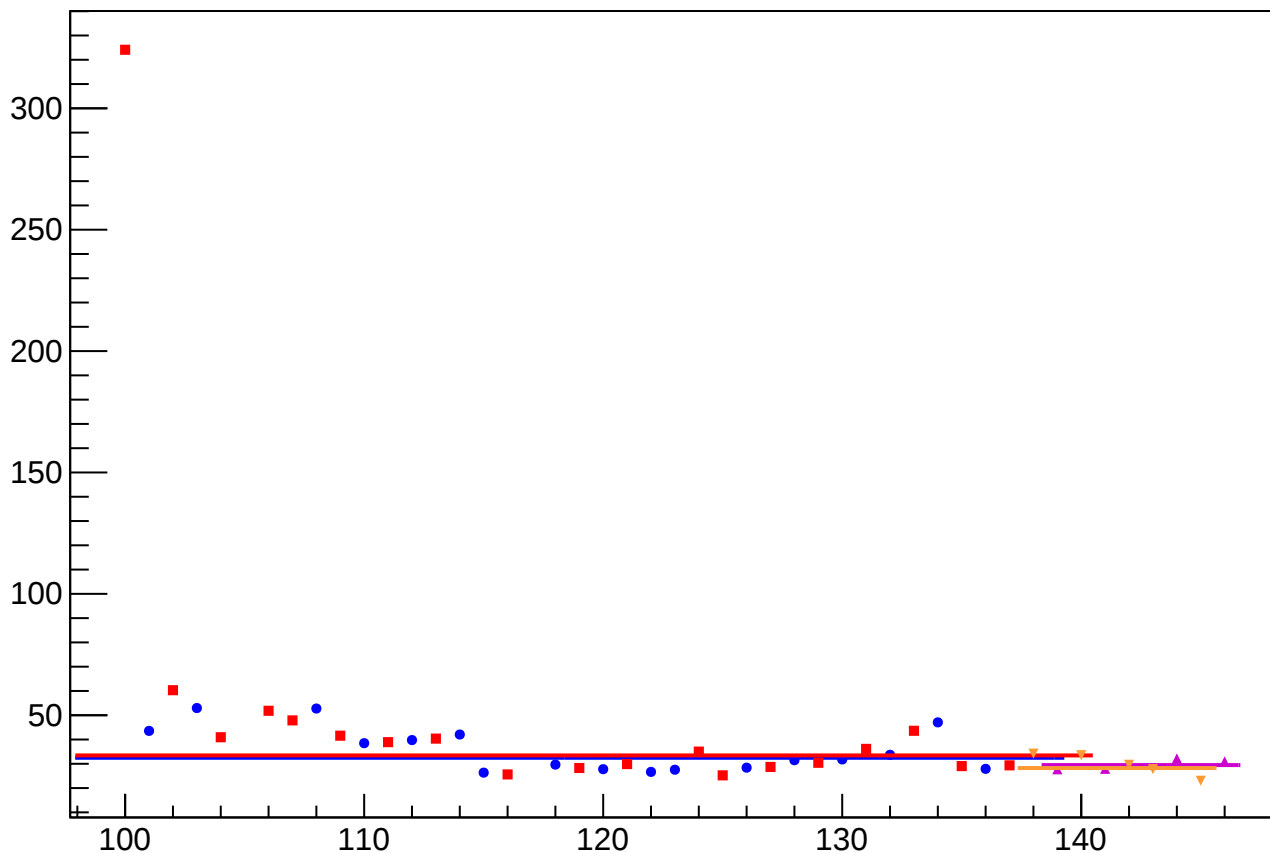
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -6.162 ± 10.163 χ^2/NDF : 24.0/20

Out: -4.687 ± 9.989 χ^2/NDF : 27.0/23

All: -5.412 ± 7.124 χ^2/NDF : 51.0/44

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: 29.468 $\pm$ 0.012 χ^2 /NDF: 26654.0/3

Left: 28.818 $\pm$ 0.008 χ^2 /NDF: 193080.0/8

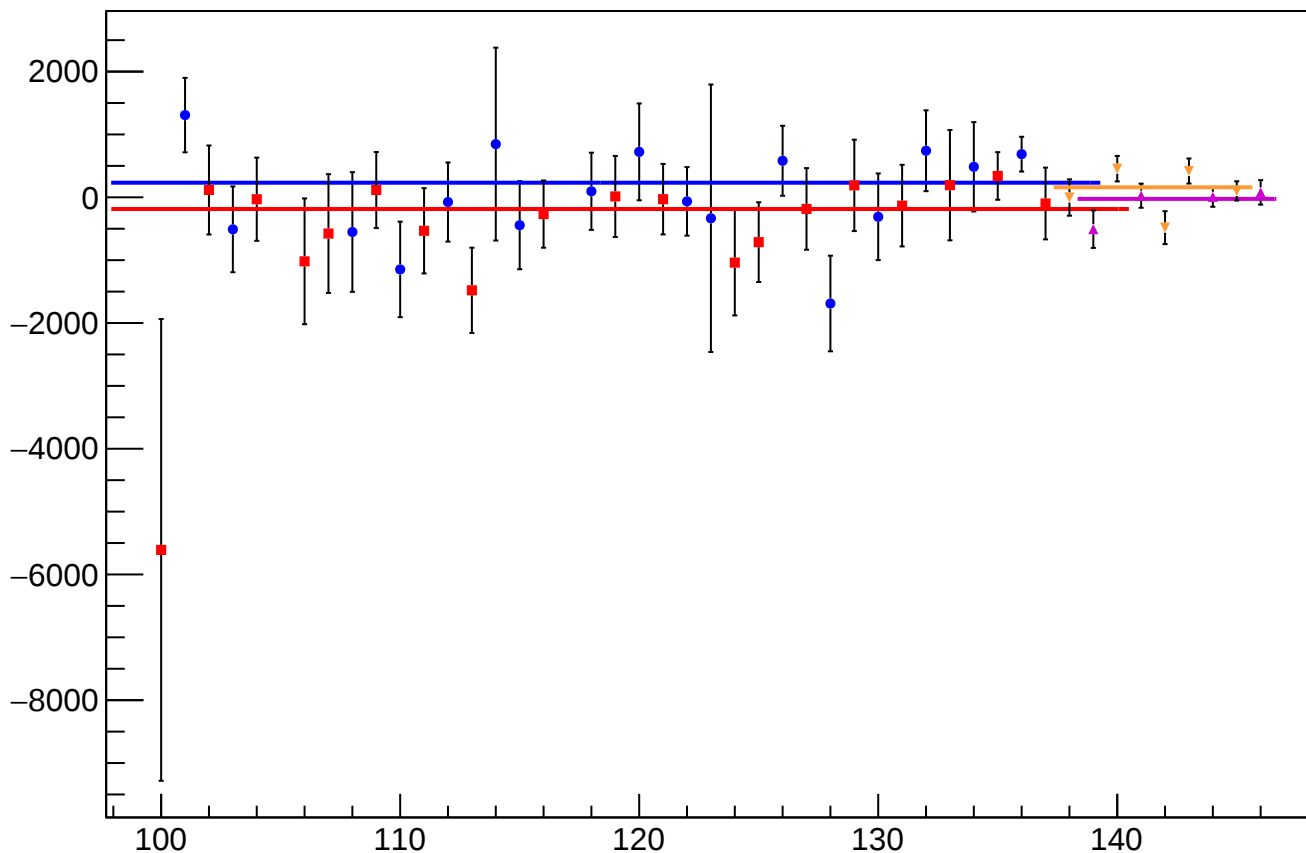
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 31.341 $\pm$ 0.007 χ^2 /NDF: 662771.5/20

Out: 31.271 $\pm$ 0.007 χ^2 /NDF: 1130635.8/23

All: 31.305 $\pm$ 0.005 χ^2 /NDF: 1793455.9/44

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: -25.305 $\pm$ 97.655 χ^2 /NDF:3.0/3

Left: 72.647 $\pm$ 66.880 χ^2 /NDF: 15.2/8

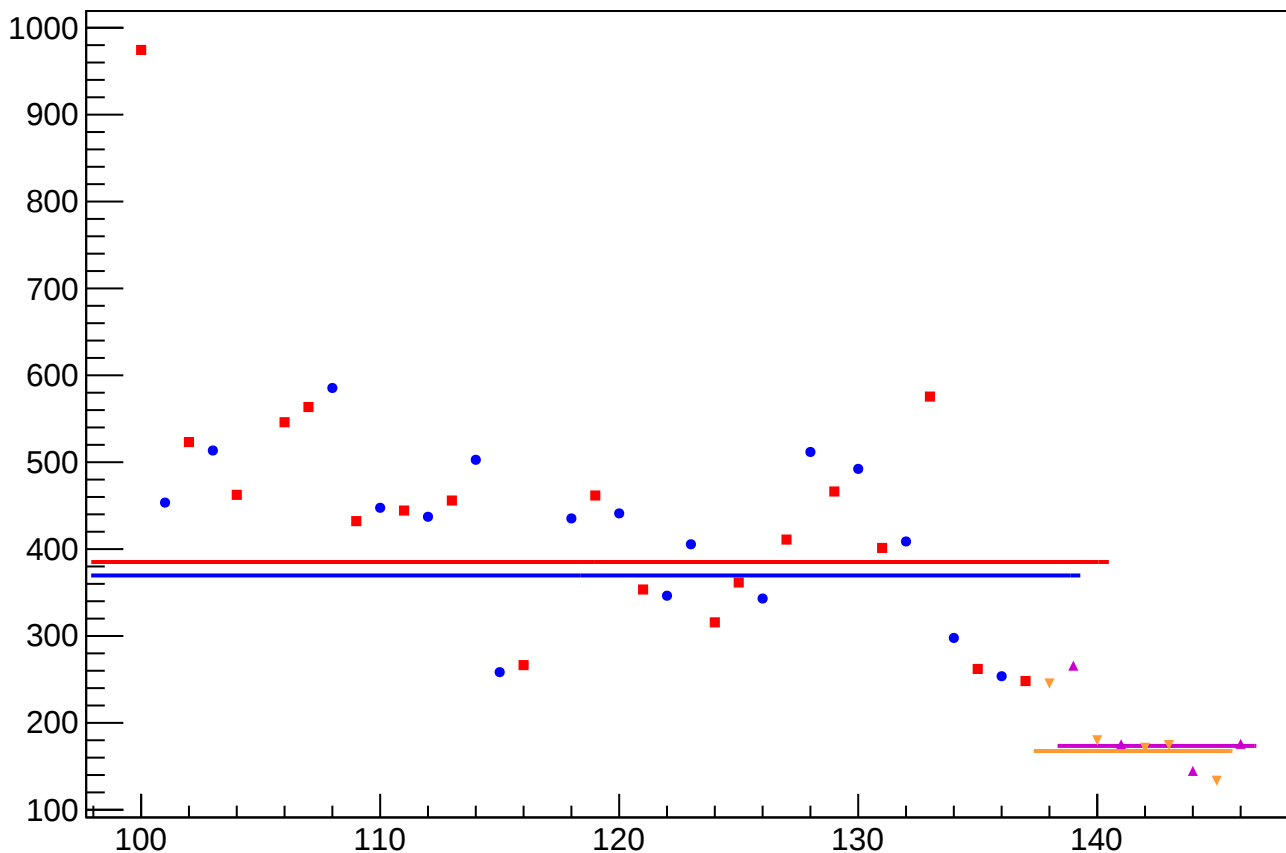
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 52.396 $\pm$ 81.611 χ^2 /NDF:26.6/20

Out: 64.979 $\pm$ 78.272 χ^2 /NDF:25.9/23

All: 58.950 $\pm$ 56.490 χ^2 /NDF: 52.5/44

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: 173.484+/-0.069 χ^2/NDF : 258634.1/3

Left: 170.382+/-0.047 χ^2/NDF : 516648.9/8

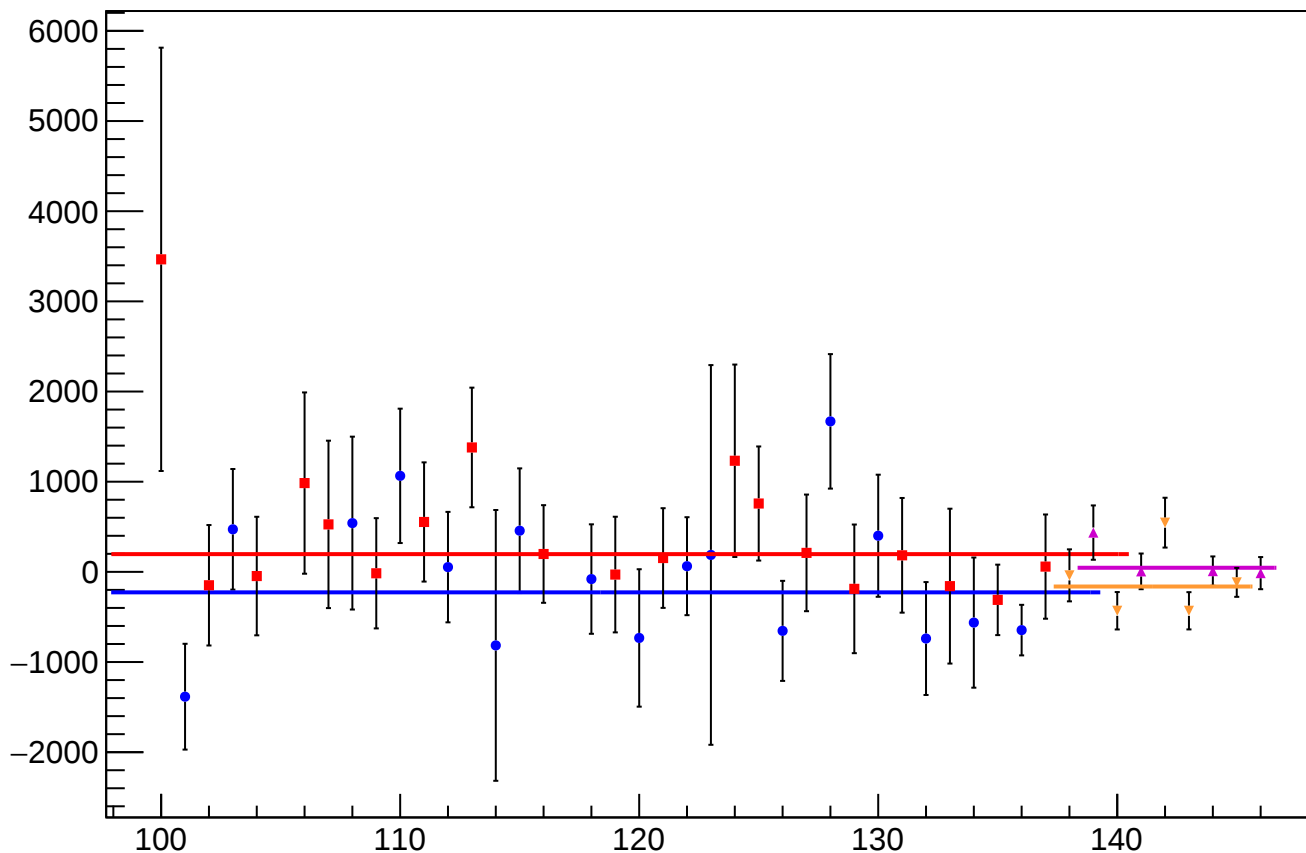
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 232.646+/-0.058 χ^2/NDF : 3595321.6/20

Out: 226.964+/-0.055 χ^2/NDF : 4244295.6/23

All: 229.686+/-0.040 χ^2/NDF : 7844667.1/44

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: 45.491 ± 97.235 $\chi^2/\text{NDF}: 1.9/3$

Left: -60.888 ± 67.973 $\chi^2/\text{NDF}: 14.4/8$

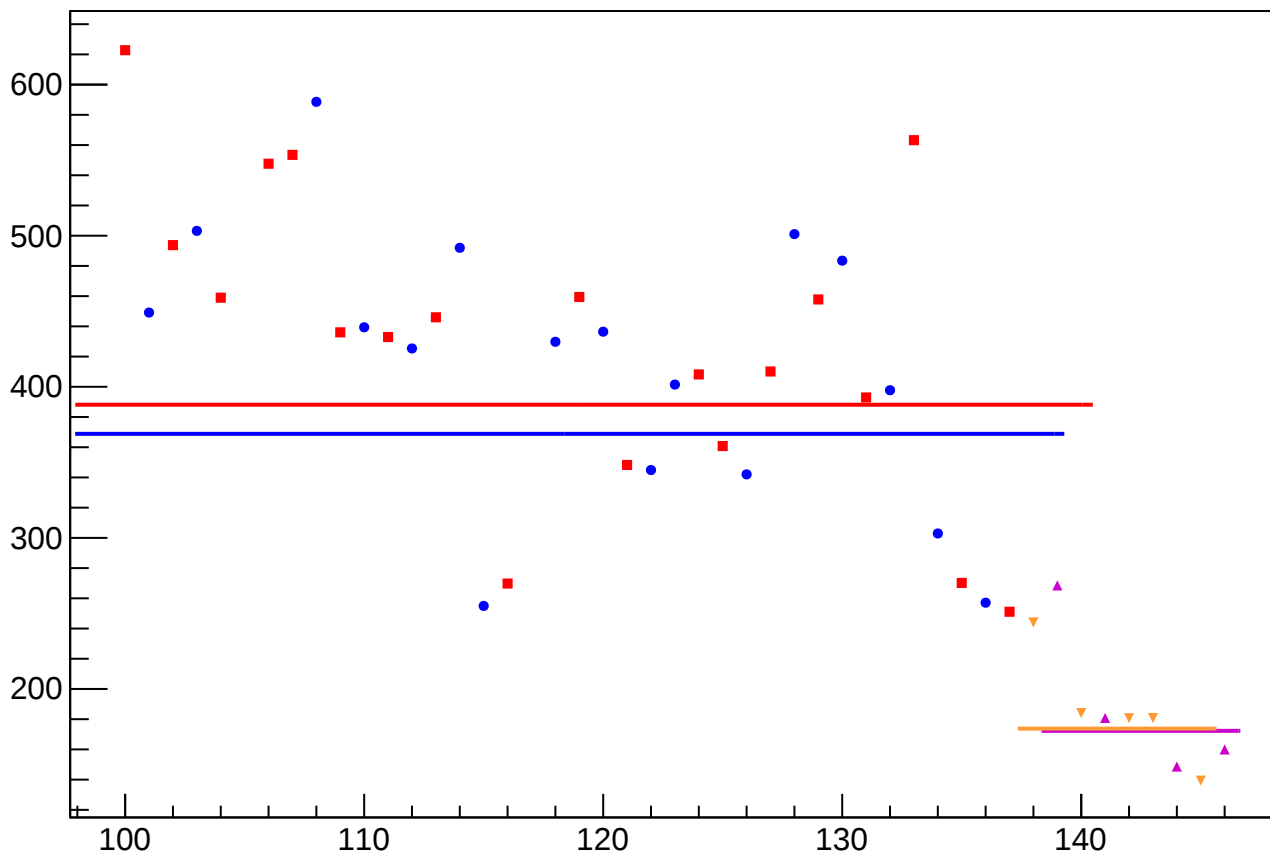
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -36.809 ± 81.253 $\chi^2/\text{NDF}: 26.1/20$

Out: -59.777 ± 80.319 $\chi^2/\text{NDF}: 25.0/23$

All: -48.426 ± 57.122 $\chi^2/\text{NDF}: 51.2/44$

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: 172.294 $\pm$ 0.069 χ^2 /NDF: 259506.1/3

Left: 173.039 $\pm$ 0.048 χ^2 /NDF: 479035.5/8

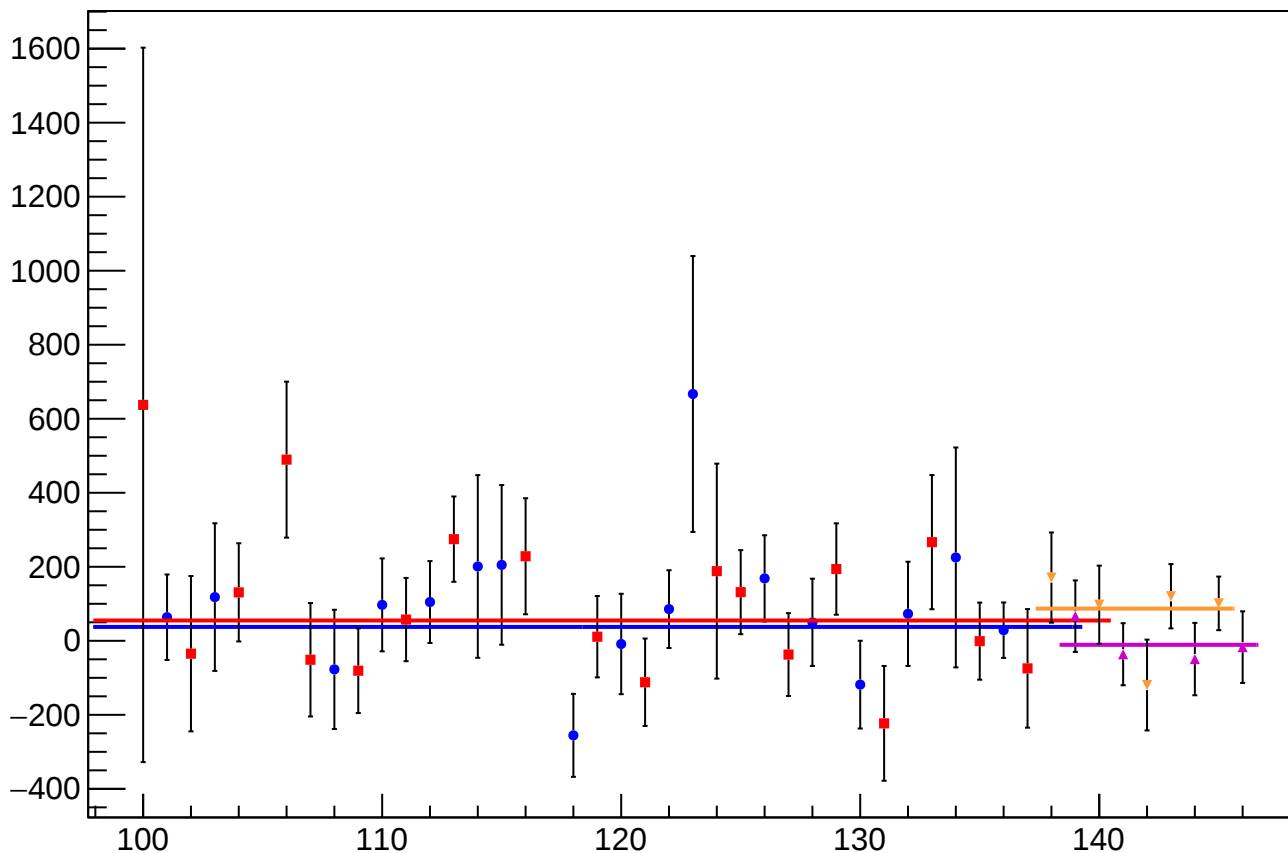
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 231.604 $\pm$ 0.057 χ^2 /NDF: 3555390.3/20

Out: 235.072 $\pm$ 0.057 χ^2 /NDF: 3907209.8/23

All: 233.358 $\pm$ 0.040 χ^2 /NDF: 7464443.0/44

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: -10.858 $\pm$ 46.589 χ^2 /NDF:0.9/3

Left: 42.245 $\pm$ 31.505 χ^2 /NDF: 6.8/8

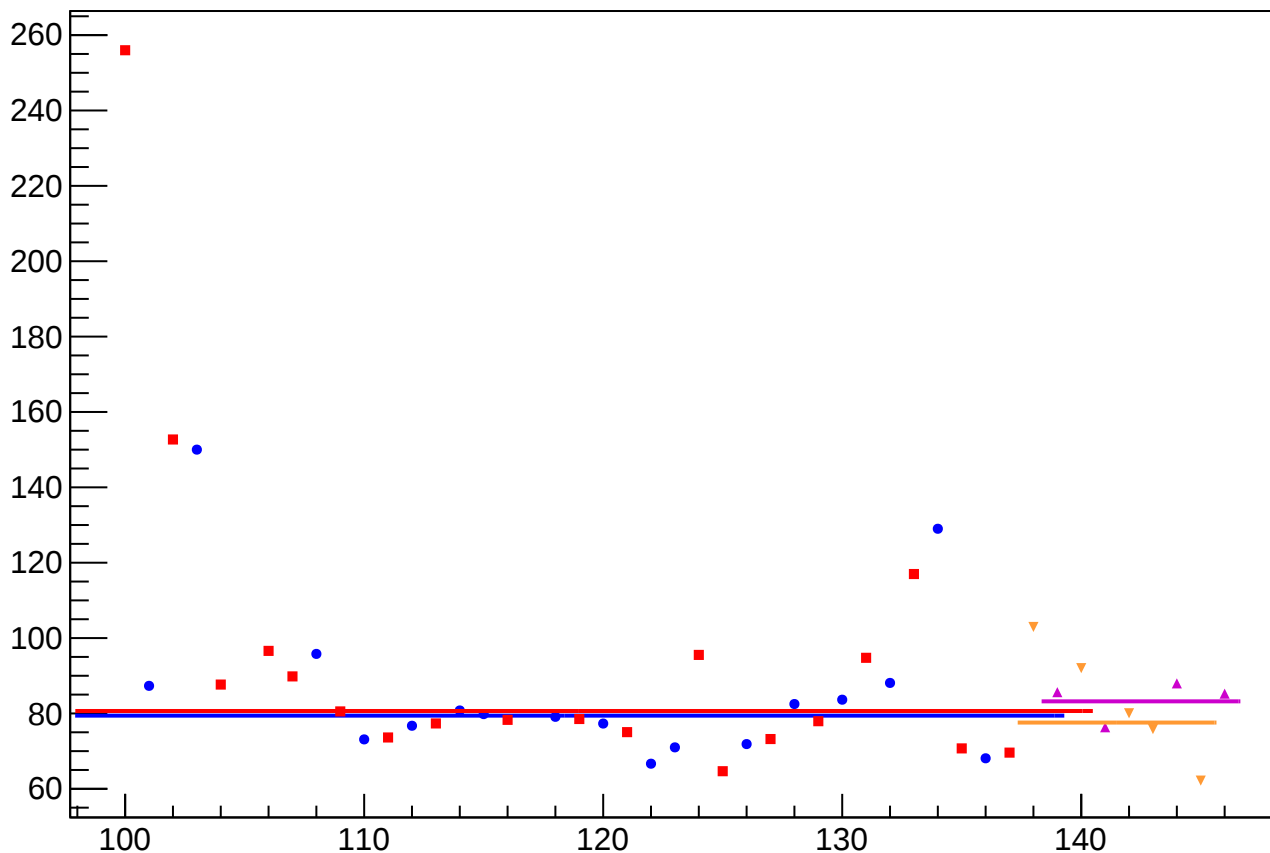
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 22.379 $\pm$ 26.072 χ^2 /NDF:17.5/20

Out: 66.170 $\pm$ 25.348 χ^2 /NDF:26.0/23

All: 44.891 $\pm$ 18.175 χ^2 /NDF: 45.0/44

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: 83.211 $\pm$ 0.033 χ^2/NDF : 20350.7/3

Left: 80.156 $\pm$ 0.022 χ^2/NDF : 252361.8/8

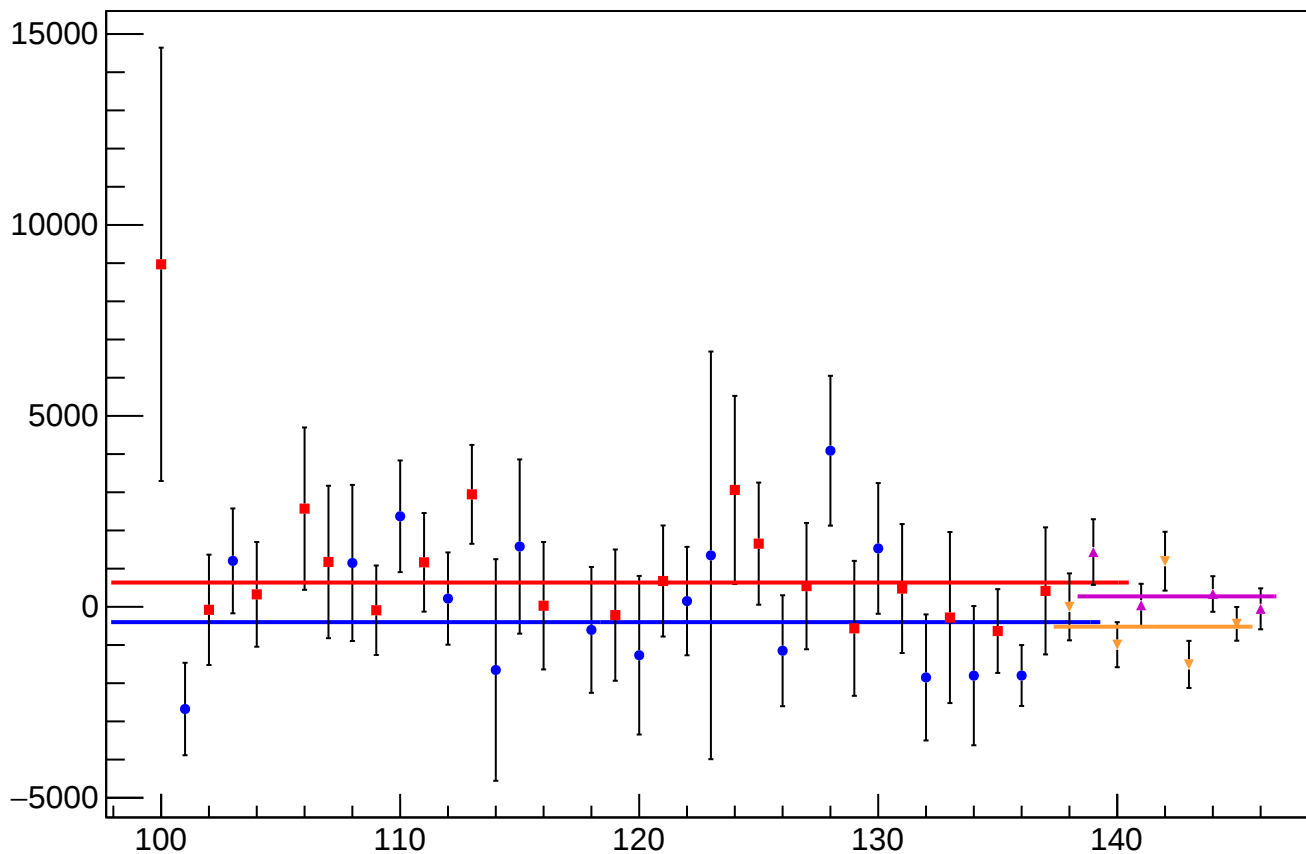
Right: 80.036 $\pm$ 0.016 χ^2/NDF : 961016.5/35

In: 80.608 $\pm$ 0.018 χ^2/NDF : 468486.5/20

Out: 79.573 $\pm$ 0.018 χ^2/NDF : 743291.2/23

All: 80.076 $\pm$ 0.013 χ^2/NDF : 1213397.4/44

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 χ^2/NDF : 21.9/16

Left Out: -520.314 ± 271.046 χ^2/NDF : 8.5/4

Right Out: 636.133 ± 362.923 χ^2/NDF : 10.8/18

Left In: 273.560 ± 281.570 χ^2/NDF : 2.4/3

Left: -138.490 ± 195.273 χ^2/NDF : 15.0/8

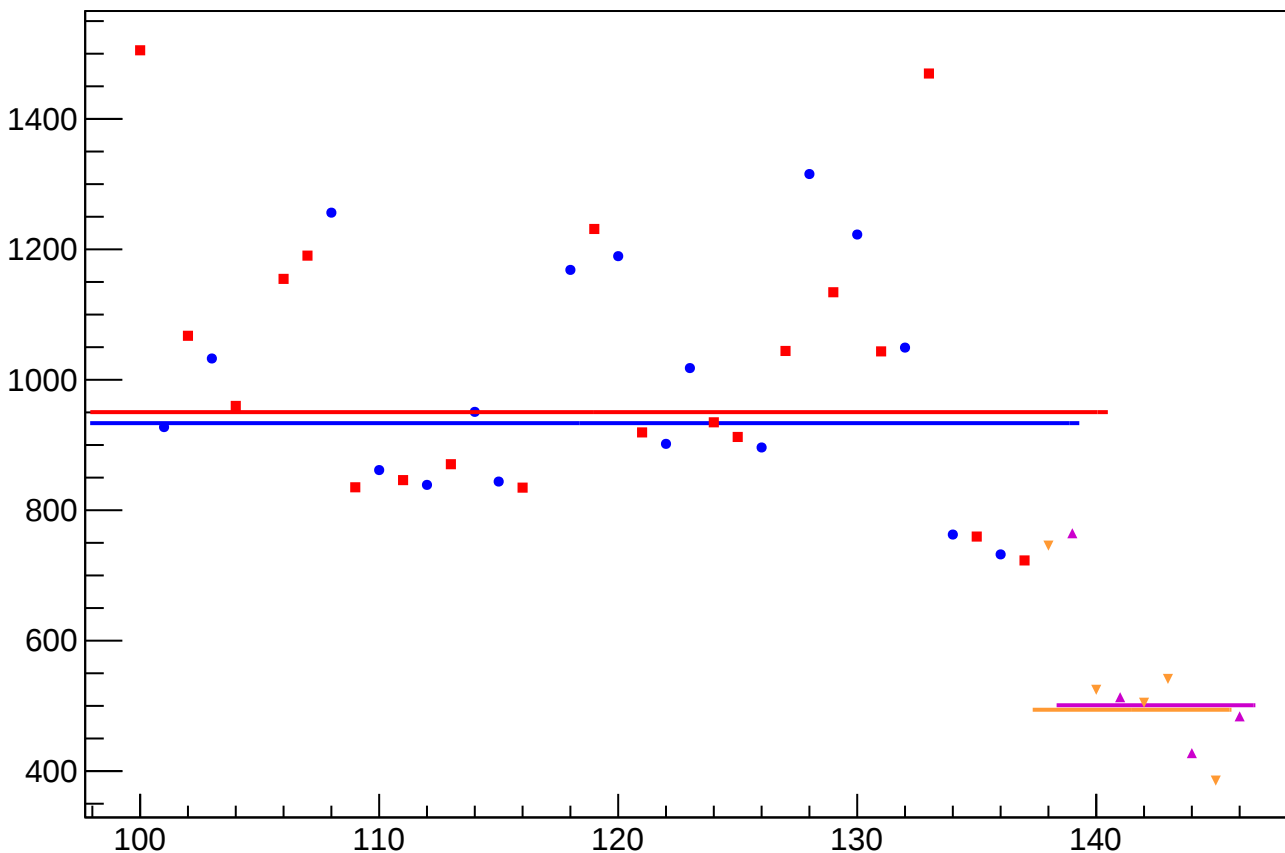
Right: 125.423 ± 258.567 χ^2/NDF : 36.8/35

In: 24.866 ± 223.728 χ^2/NDF : 26.4/20

Out: -106.240 ± 217.165 χ^2/NDF : 25.9/23

All: -42.638 ± 155.828 χ^2/NDF : 52.5/44

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: 500.967+/-0.199 χ^2/NDF : 241177.5/3

Left: 497.396+/-0.138 χ^2/NDF : 545170.6/8

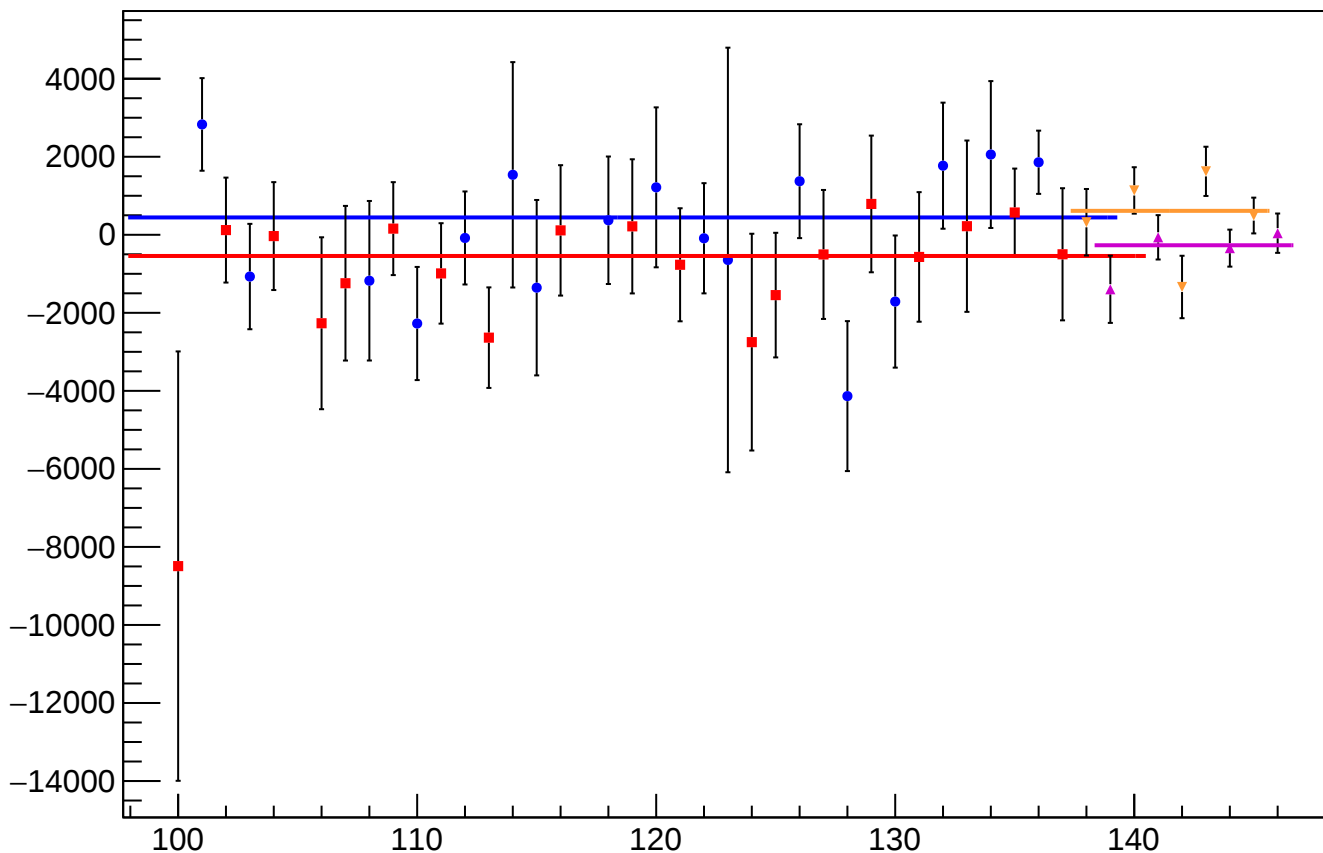
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 660.431+/-0.158 χ^2/NDF : 2423593.9/20

Out: 657.477+/-0.154 χ^2/NDF : 2757497.5/23

All: 658.910+/-0.110 χ^2/NDF : 5181271.0/44

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 613.641 $\pm$ 276.988 χ^2 /NDF:9.5/4

Right Out: -543.026 $\pm$ 363.317 χ^2 /NDF: 9.4/18

Left In: -268.308 $\pm$ 279.263 χ^2 /NDF:2.2/3

Left: 176.273 $\pm$ 196.659 χ^2 /NDF: 16.8/8

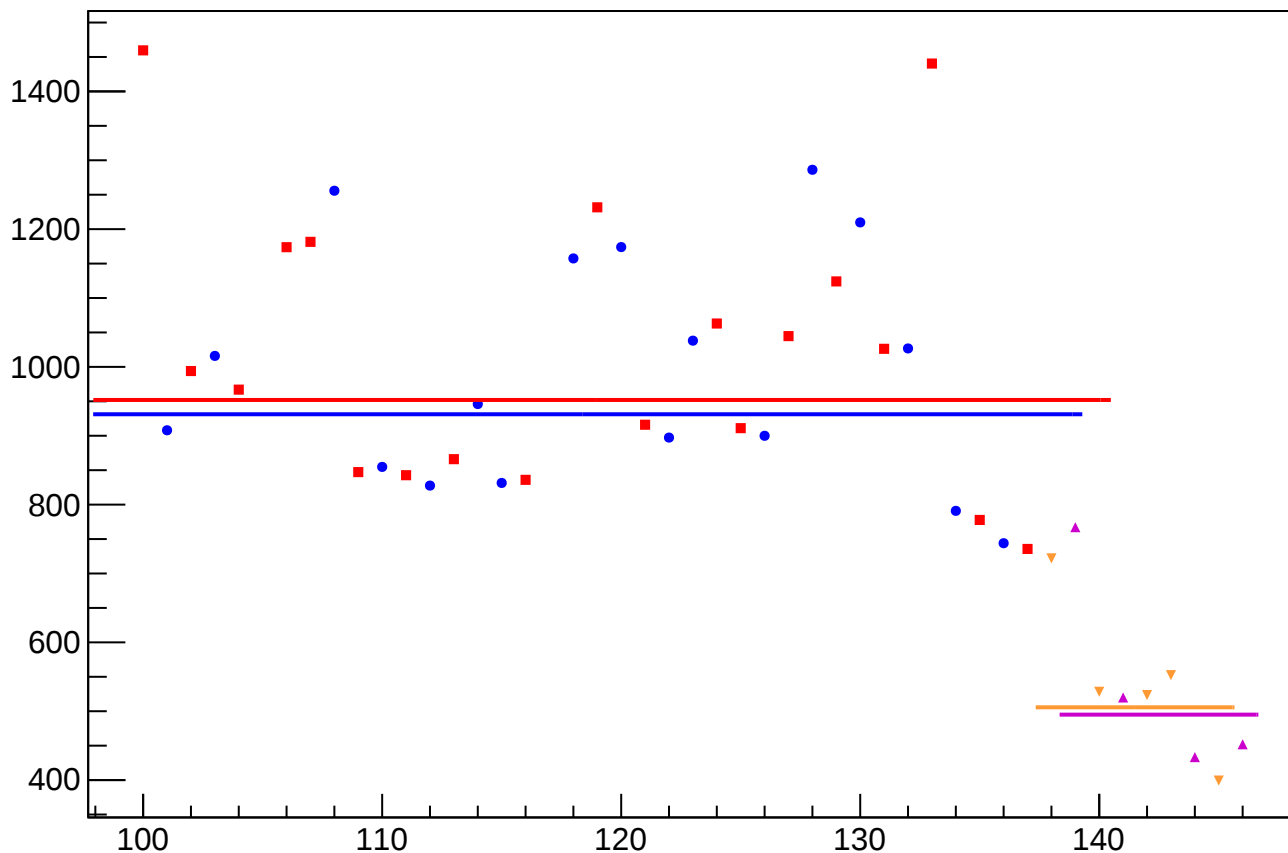
Right: -54.292 $\pm$ 258.231 χ^2 /NDF: 36.0/35

In: -6.951 $\pm$ 222.260 χ^2 /NDF:27.5/20

Out: 188.472 $\pm$ 220.274 χ^2 /NDF:25.3/23

All: 91.637 $\pm$ 156.455 χ^2 /NDF: 53.2/44

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: 495.041+/-0.197 χ^2/NDF : 251831.4/3

Left: 500.410+/-0.139 χ^2/NDF : 504537.0/8

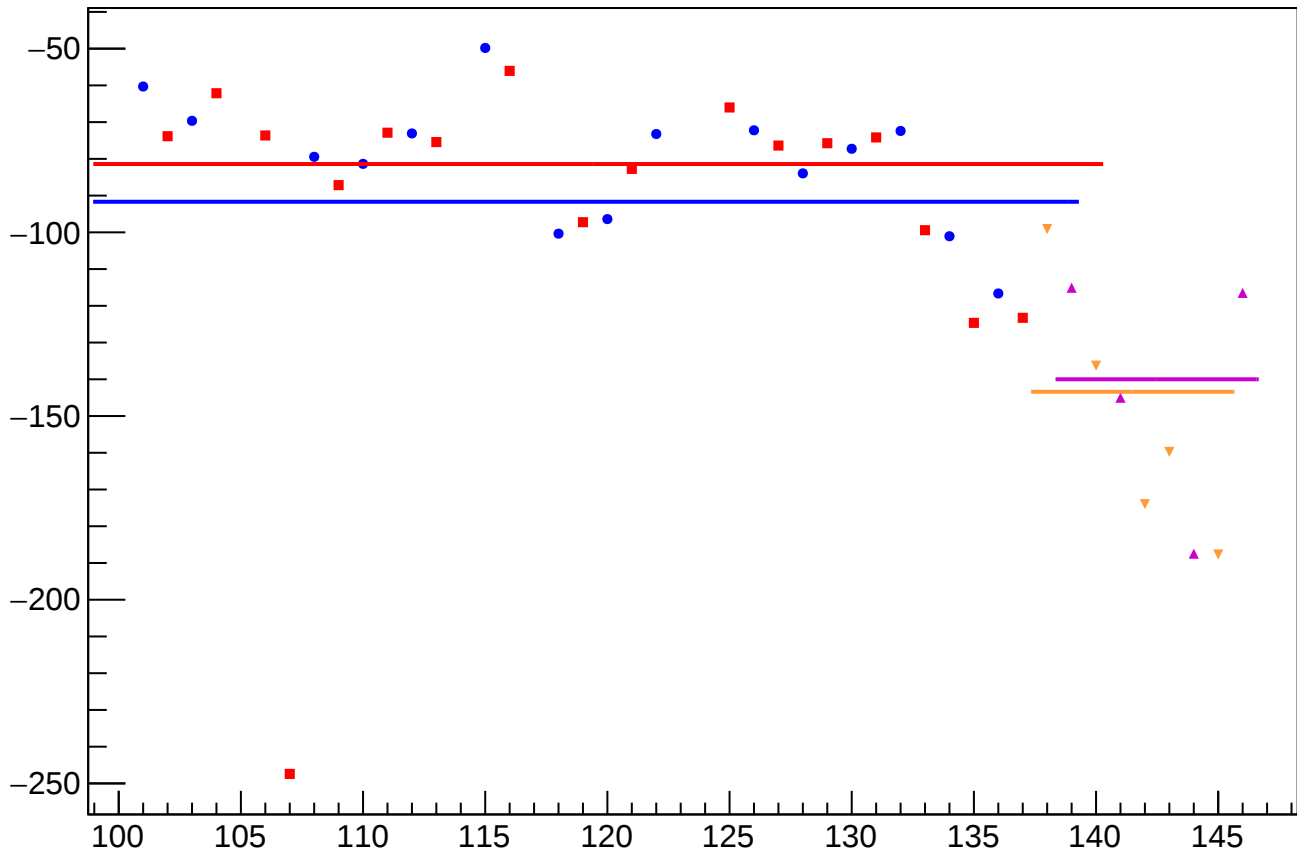
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 654.925+/-0.157 χ^2/NDF : 2440442.9/20

Out: 669.733+/-0.156 χ^2/NDF : 2542252.8/23

All: 662.395+/-0.111 χ^2/NDF : 4987174.1/44

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -143.396 ± 0.231 χ^2/NDF : 8560.0/4

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -139.994 ± 0.140 χ^2/NDF : 17280.0/3

Left: -140.911 ± 0.120 χ^2/NDF : 25998.1/8

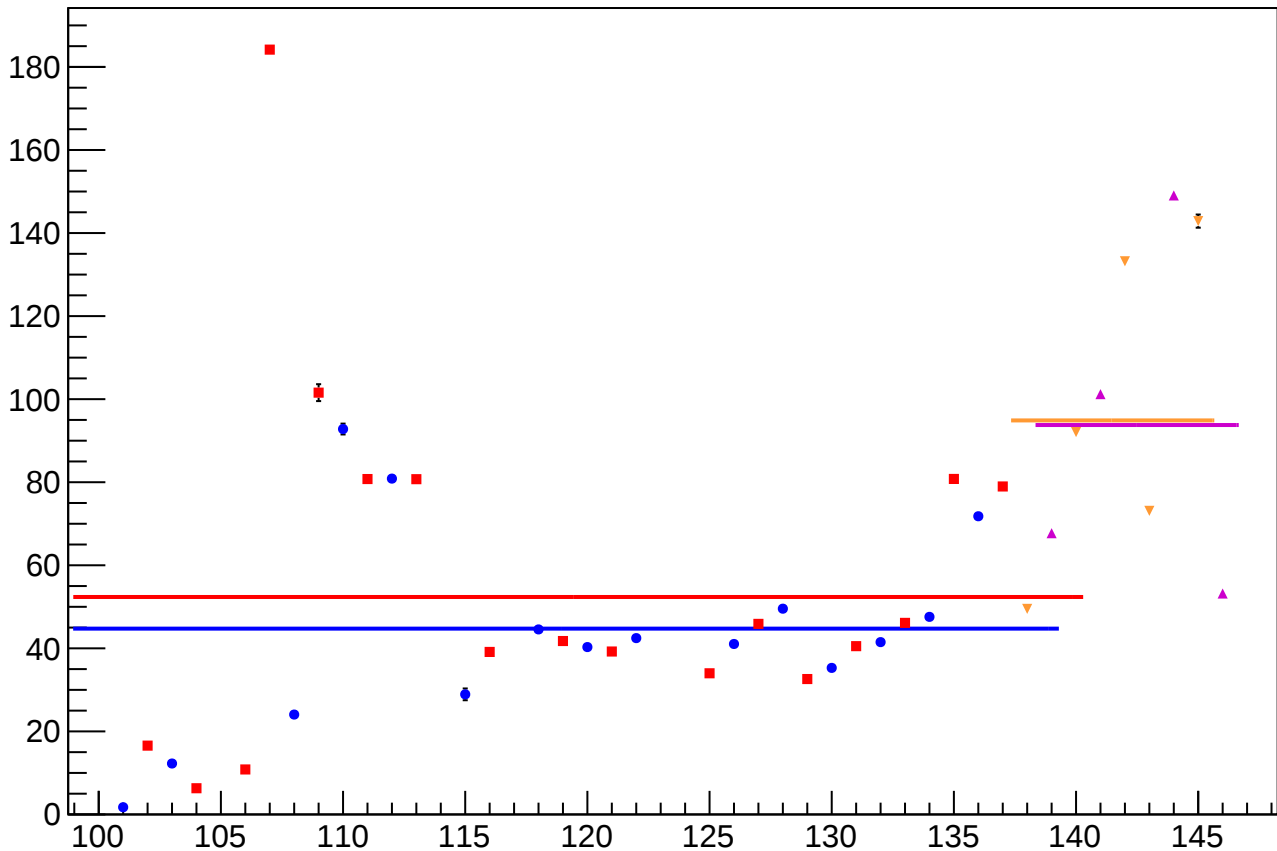
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -101.317 ± 0.063 χ^2/NDF : 176571.3/18

Out: -90.922 ± 0.091 χ^2/NDF : 111105.5/21

All: -97.947 ± 0.052 χ^2/NDF : 296575.0/40

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 +/- 0.061 χ^2/NDF : 84697.9/14

Left Out: 94.881 +/- 0.248 χ^2/NDF : 8120.1/4

Right Out: 52.367 +/- 0.113 χ^2/NDF : 69285.2/16

Left In: 93.773 +/- 0.144 χ^2/NDF : 24527.2/3

Left: 94.053 +/- 0.125 χ^2/NDF : 32662.2/8

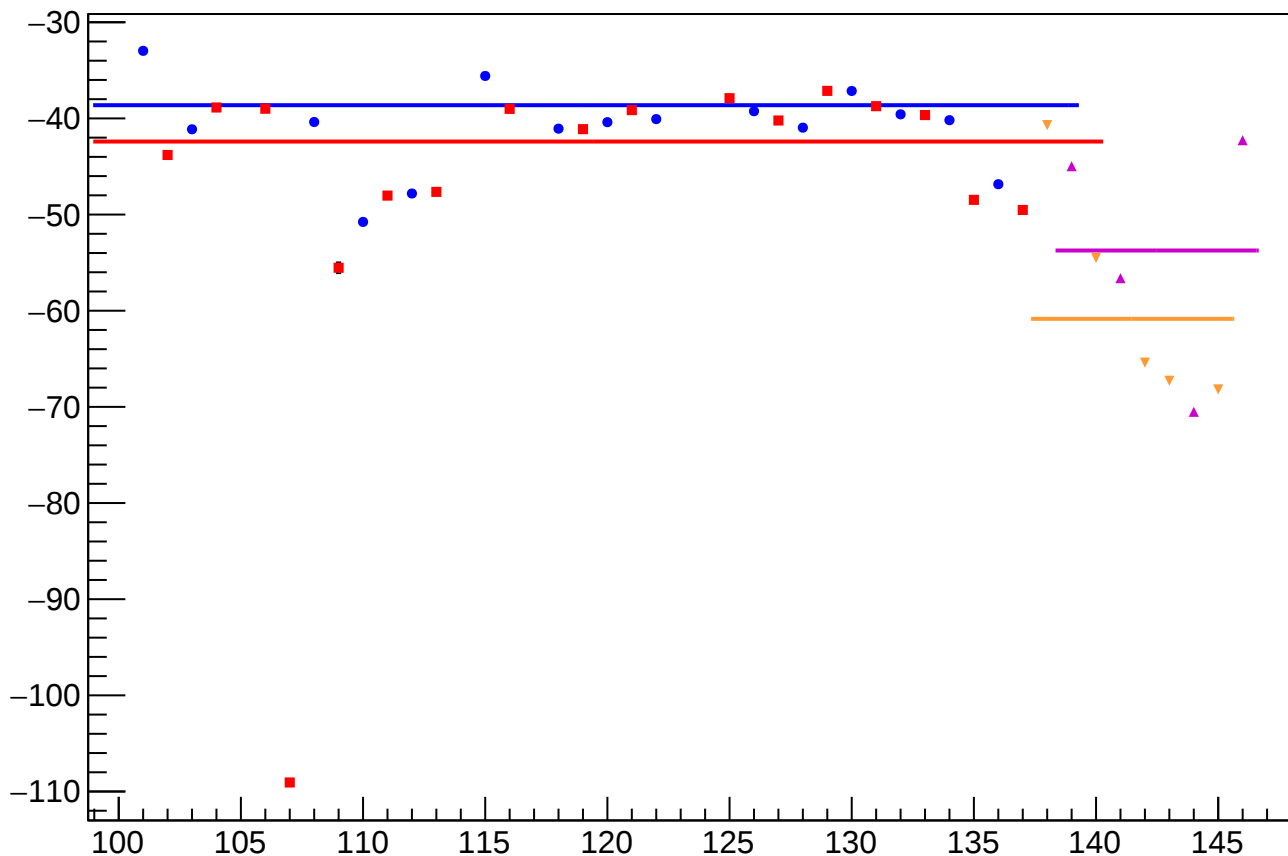
Right: 46.456 +/- 0.053 χ^2/NDF : 157538.4/31

In: 52.088 +/- 0.056 χ^2/NDF : 207353.7/18

Out: 59.606 +/- 0.103 χ^2/NDF : 101697.2/21

All: 53.808 +/- 0.049 χ^2/NDF : 313197.8/40

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 $\pm$ 0.008 χ^2/NDF : 240108.7/14

Left Out: -60.842 $\pm$ 0.051 χ^2/NDF : 21007.3/4

Right Out: -42.406 $\pm$ 0.021 χ^2/NDF : 269138.5/16

Left In: -53.737 $\pm$ 0.041 χ^2/NDF : 32059.2/3

Left: -56.493 $\pm$ 0.032 χ^2/NDF : 64763.9/8

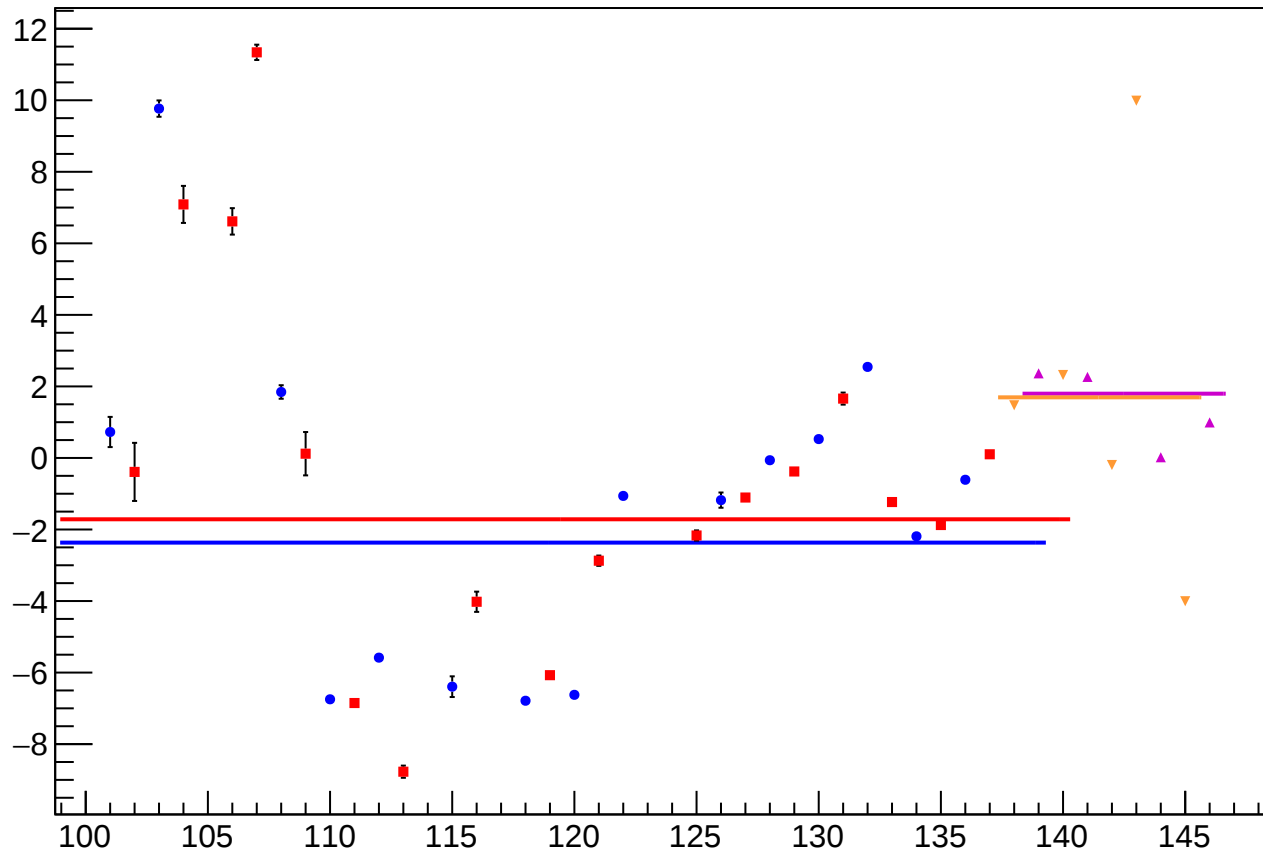
Right: -39.121 $\pm$ 0.008 χ^2/NDF : 536660.1/31

In: -39.218 $\pm$ 0.008 χ^2/NDF : 403268.4/18

Out: -45.106 $\pm$ 0.020 χ^2/NDF : 399980.1/21

All: -40.073 $\pm$ 0.007 χ^2/NDF : 879860.5/40

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.694 ± 0.030 $\chi^2/\text{NDF}: 8989.0/4$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.797 ± 0.018 $\chi^2/\text{NDF}: 1624.6/3$

Left: 1.770 ± 0.015 $\chi^2/\text{NDF}: 10622.4/8$

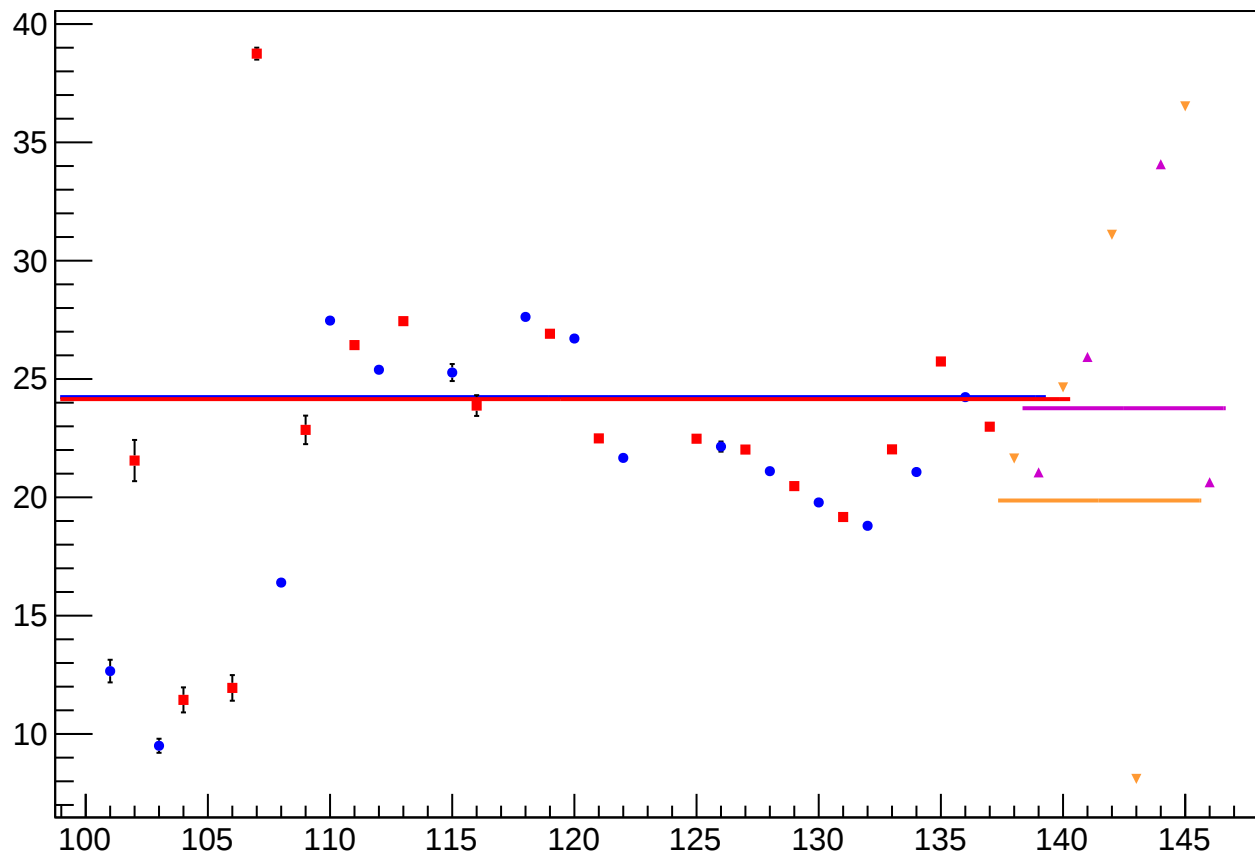
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.750 ± 0.011 $\chi^2/\text{NDF}: 64417.2/18$

Out: -0.177 ± 0.020 $\chi^2/\text{NDF}: 28904.6/21$

All: -0.616 ± 0.010 $\chi^2/\text{NDF}: 93951.2/40$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-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: 23.765+/-0.029 χ^2/NDF : 14071.5/3

Left: 22.703+/-0.025 χ^2/NDF : 56895.6/8

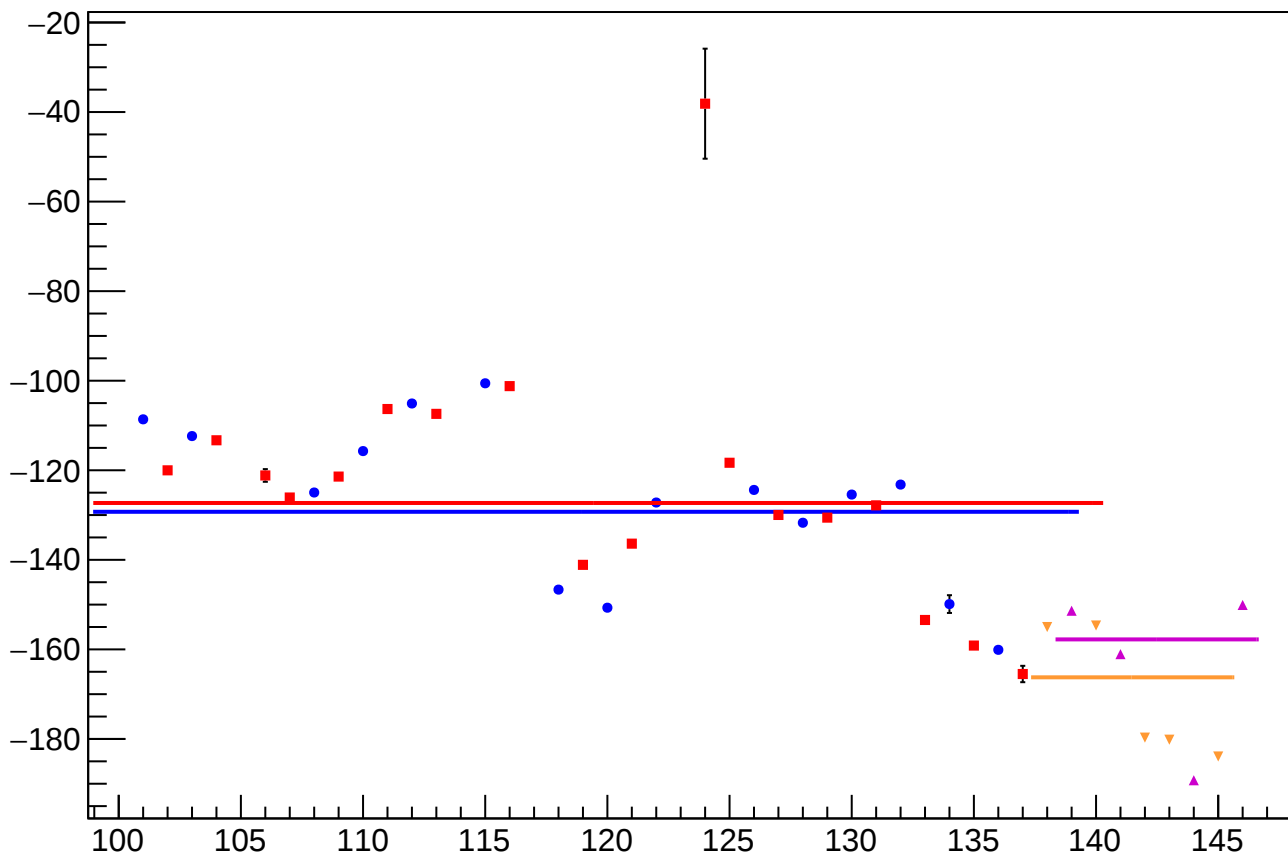
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 24.063+/-0.018 χ^2/NDF : 36135.7/18

Out: 23.251+/-0.022 χ^2/NDF : 57584.9/21

All: 23.741+/-0.014 χ^2/NDF : 94569.9/40

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -166.240 ± 0.137 χ^2/NDF : 8445.6/4

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -157.770 ± 0.117 χ^2/NDF : 10886.9/3

Left: -161.329 ± 0.089 χ^2/NDF : 21546.4/8

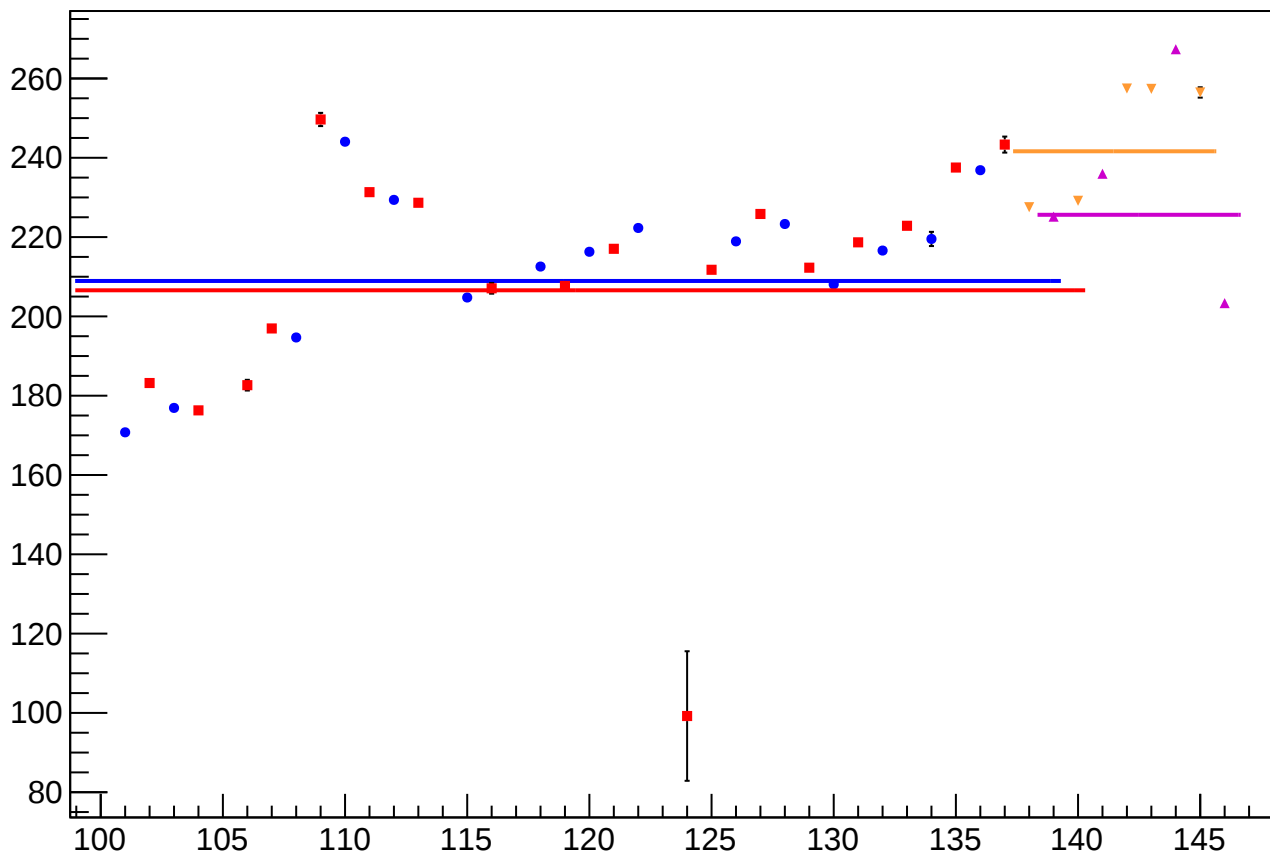
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -139.572 ± 0.070 χ^2/NDF : 84094.4/18

Out: -137.992 ± 0.072 χ^2/NDF : 96584.7/22

All: -138.800 ± 0.050 χ^2/NDF : 180926.8/41

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 241.638 $\pm$ 0.139 χ^2/NDF :10895.5/4

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 225.622 $\pm$ 0.119 χ^2/NDF :24703.5/3

Left: 232.394 $\pm$ 0.091 χ^2/NDF : 43223.8/8

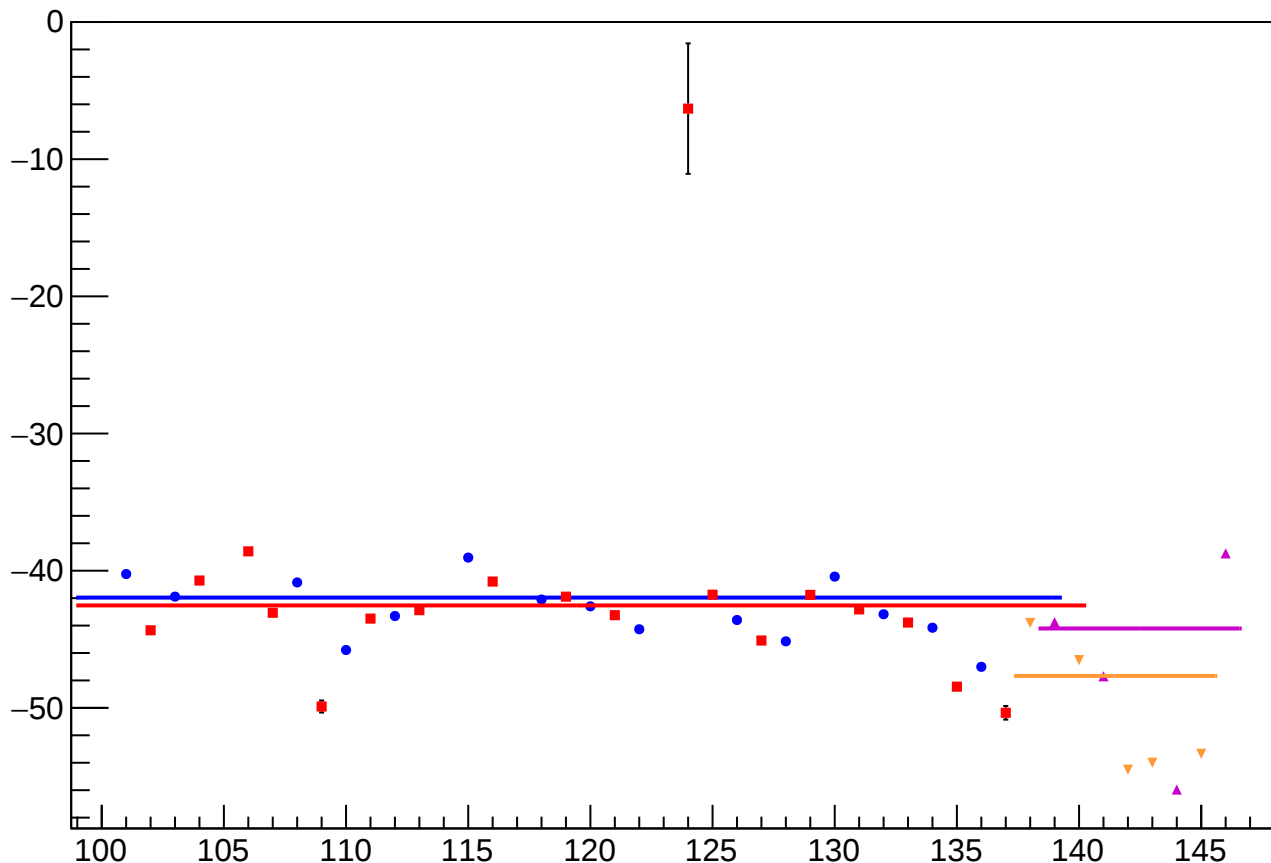
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 214.920 $\pm$ 0.071 χ^2/NDF :81942.8/18

Out: 215.792 $\pm$ 0.071 χ^2/NDF :105769.2/22

All: 215.356 $\pm$ 0.051 χ^2/NDF : 187786.5/41

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 +/- 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: -44.213 +/- 0.021 χ^2/NDF : 28917.4/3

Left: -45.652 +/- 0.016 χ^2/NDF : 74401.3/8

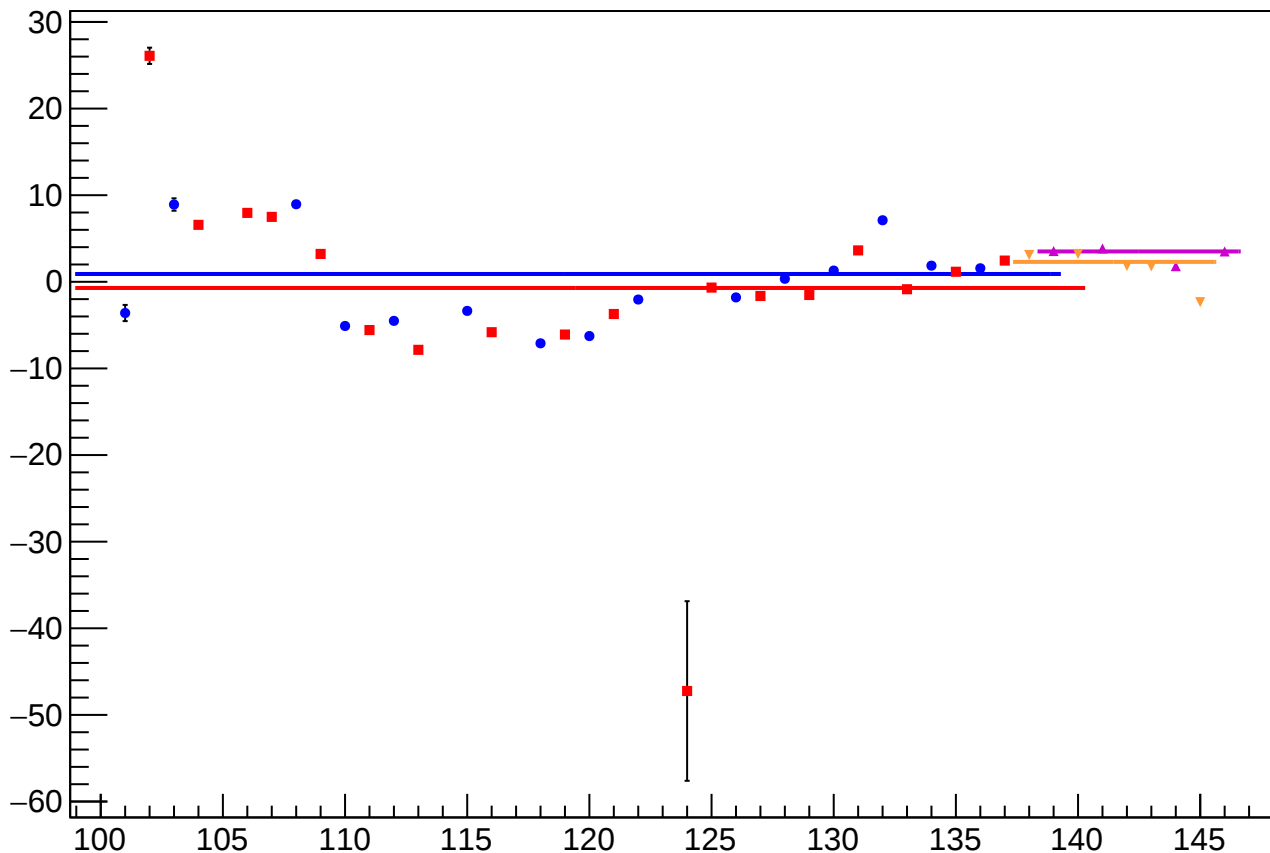
Right: -42.168 +/- 0.012 χ^2/NDF : 30855.6/32

In: -42.772 +/- 0.012 χ^2/NDF : 60664.6/18

Out: -44.655 +/- 0.016 χ^2/NDF : 65675.0/22

All: -43.494 +/- 0.010 χ^2/NDF : 135073.9/41

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: 3.505 ± 0.019 χ^2/NDF : 947.9/3

Left: 3.025 ± 0.014 χ^2/NDF : 7700.1/8

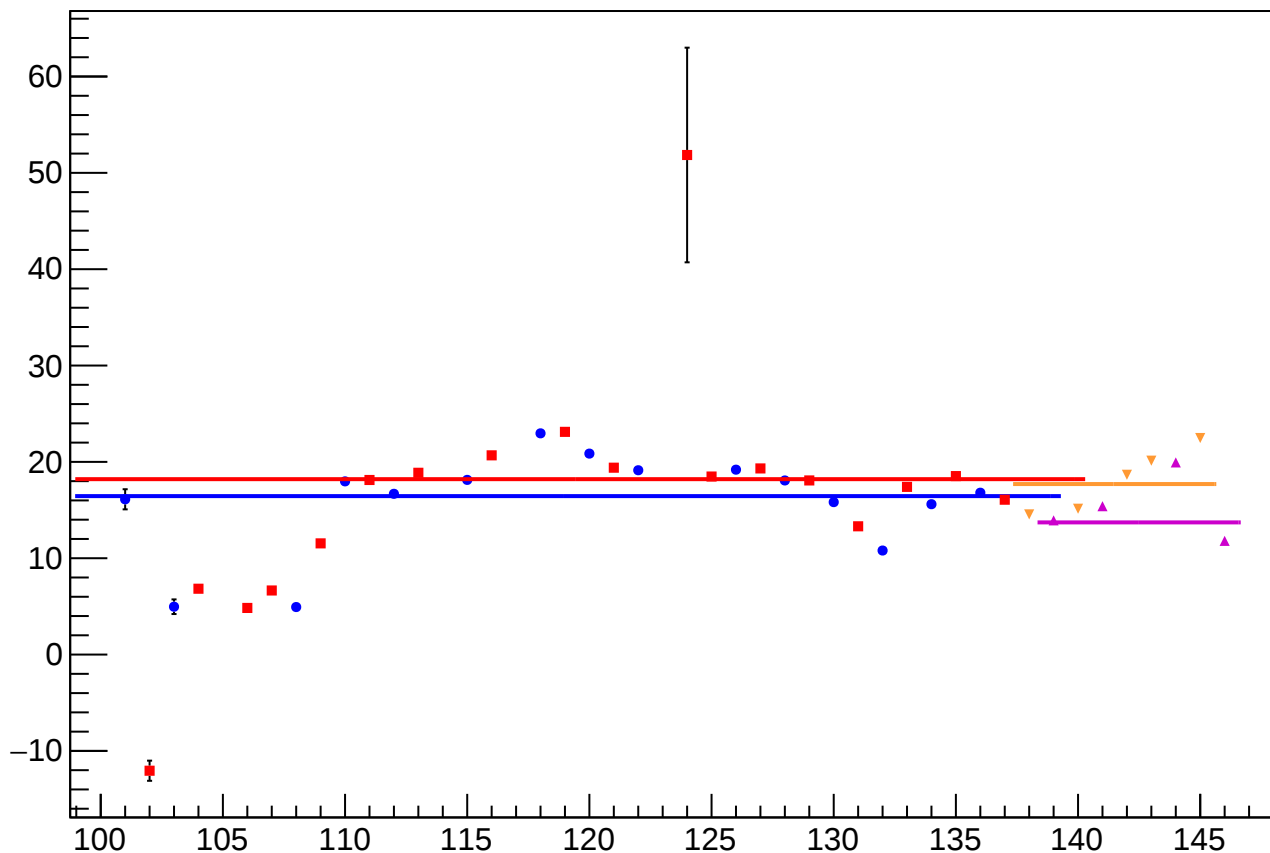
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.302 ± 0.014 χ^2/NDF : 31147.4/18

Out: 0.889 ± 0.017 χ^2/NDF : 43967.6/22

All: 1.735 ± 0.011 χ^2/NDF : 79430.6/41

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: 13.719 ± 0.022 χ^2/NDF : 9576.2/3

Left: 15.255 ± 0.017 χ^2/NDF : 30406.1/8

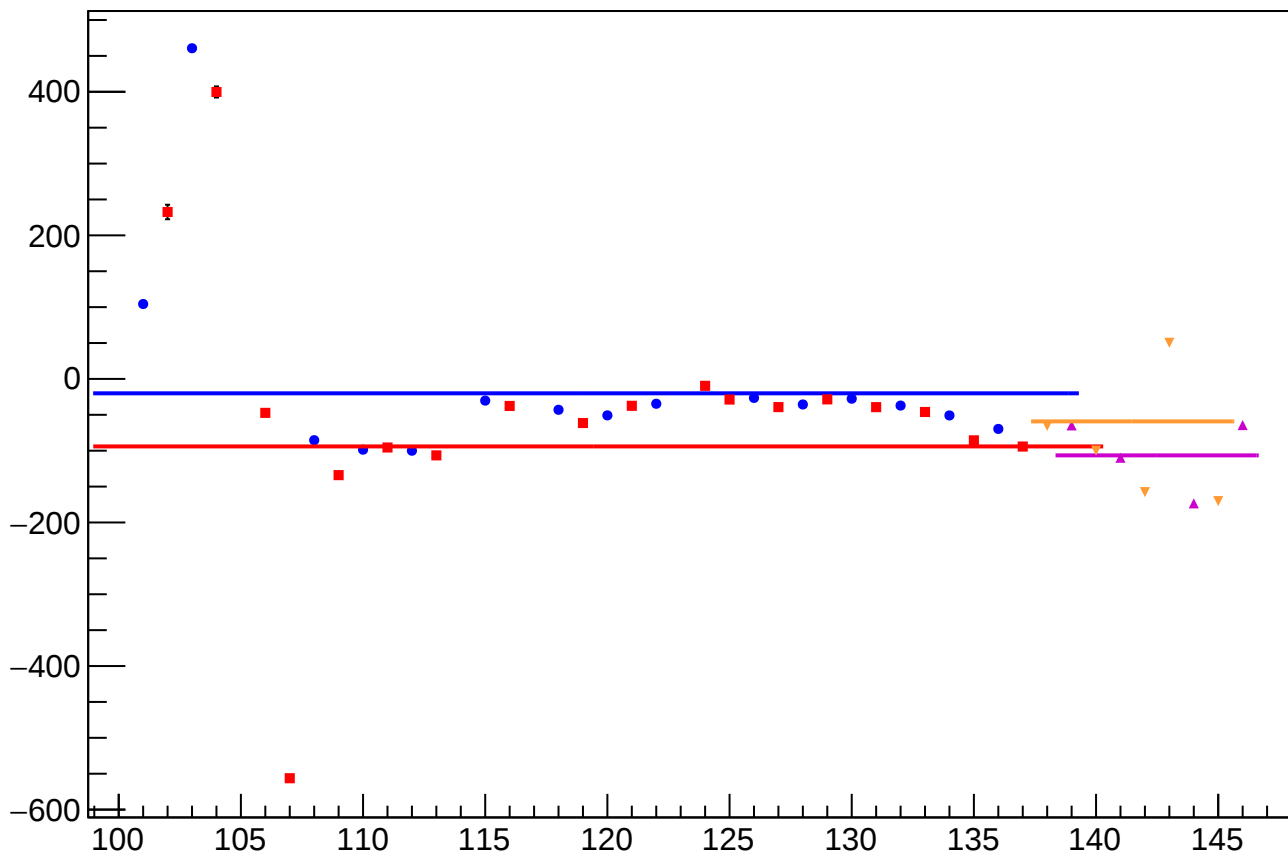
Right: 17.482 ± 0.016 χ^2/NDF : 44731.9/32

In: 14.941 ± 0.016 χ^2/NDF : 30660.0/18

Out: 18.028 ± 0.016 χ^2/NDF : 35885.1/22

All: 16.474 ± 0.012 χ^2/NDF : 84284.0/41

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -59.154 ± 0.274 $\chi^2/\text{NDF}: 42844.1/4$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -106.502 ± 0.307 $\chi^2/\text{NDF}: 16749.3/3$

Left: -80.095 ± 0.204 $\chi^2/\text{NDF}: 72839.6/8$

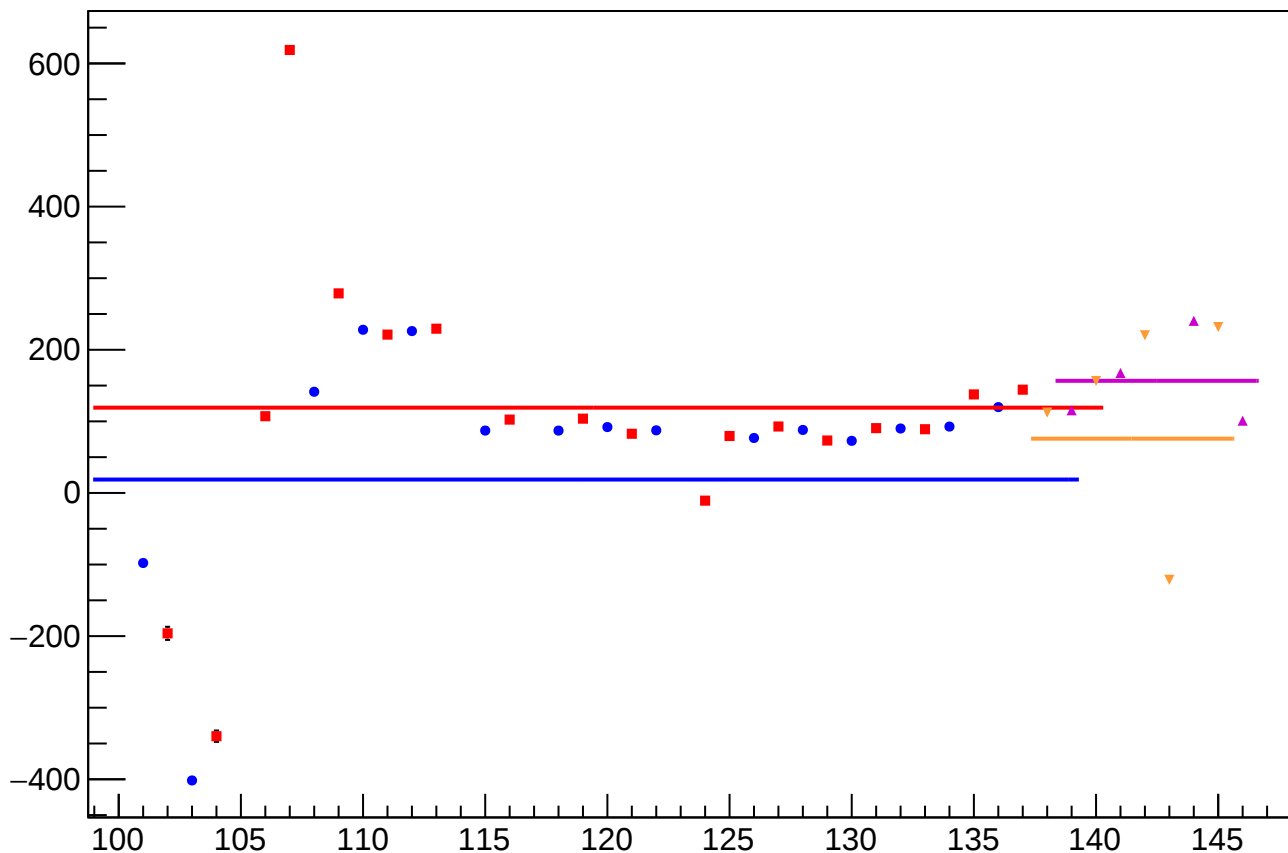
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -37.263 ± 0.137 $\chi^2/\text{NDF}: 521620.5/18$

Out: -93.978 ± 0.012 $\chi^2/\text{NDF}: 146566.9/22$

All: -93.516 ± 0.012 $\chi^2/\text{NDF}: 838014.9/41$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 75.873+/-0.272 χ^2/NDF :159900.2/4

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 156.628+/-0.307 χ^2/NDF :20688.3/3

Left: 111.318+/-0.203 χ^2/NDF : 219381.9/8

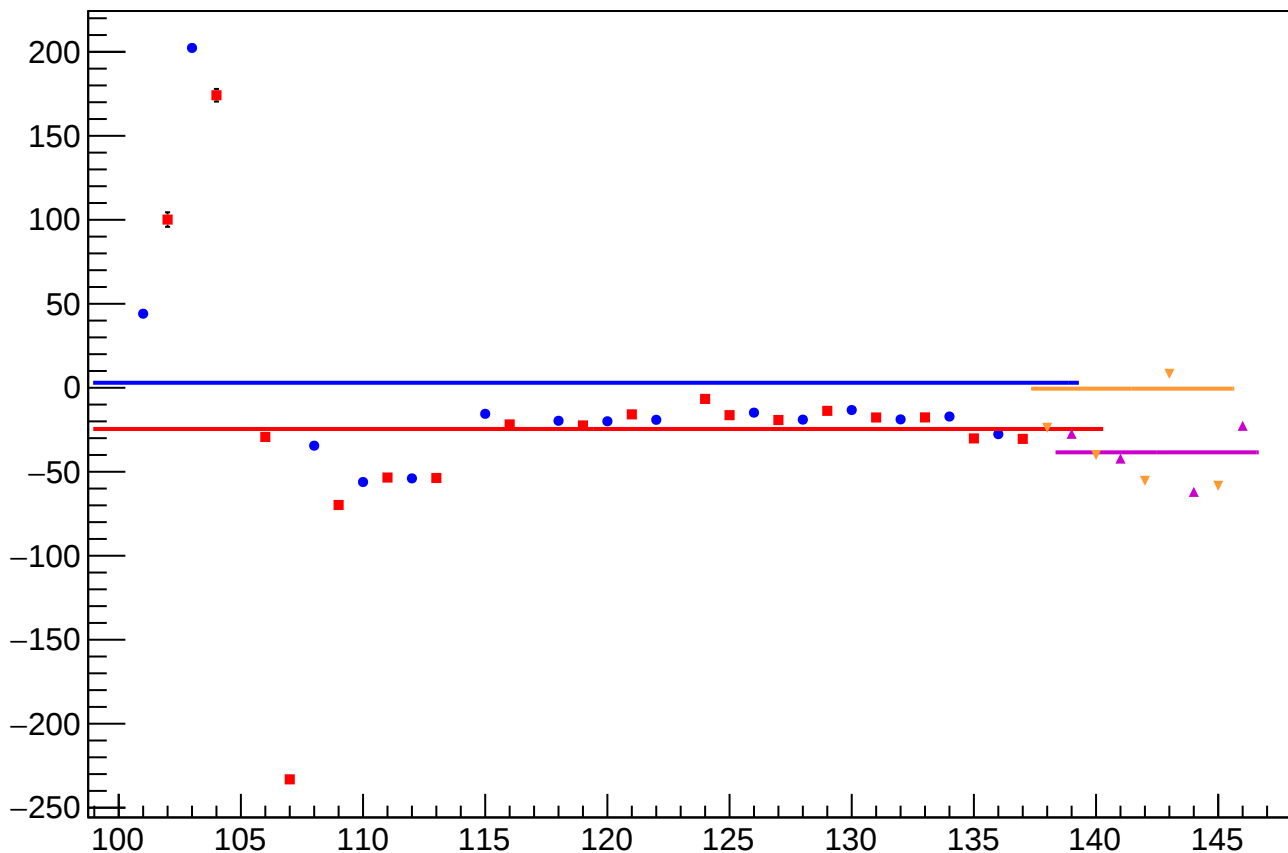
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 45.885+/-0.136 χ^2/NDF :1284398.1/18

Out: 104.021+/-0.161 χ^2/NDF :263866.9/22

All: 70.212+/-0.104 χ^2/NDF : 1624411.2/41

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991+/-0.027 χ^2/NDF : 3496745.8/14

Left Out: -0.532+/-0.034 χ^2/NDF : 263495.3/4

Right Out: -24.533+/-0.044 χ^2/NDF : 176488.8/17

Left In: -38.435+/-0.060 χ^2/NDF : 27195.2/3

Left: -9.726+/-0.029 χ^2/NDF : 596688.1/8

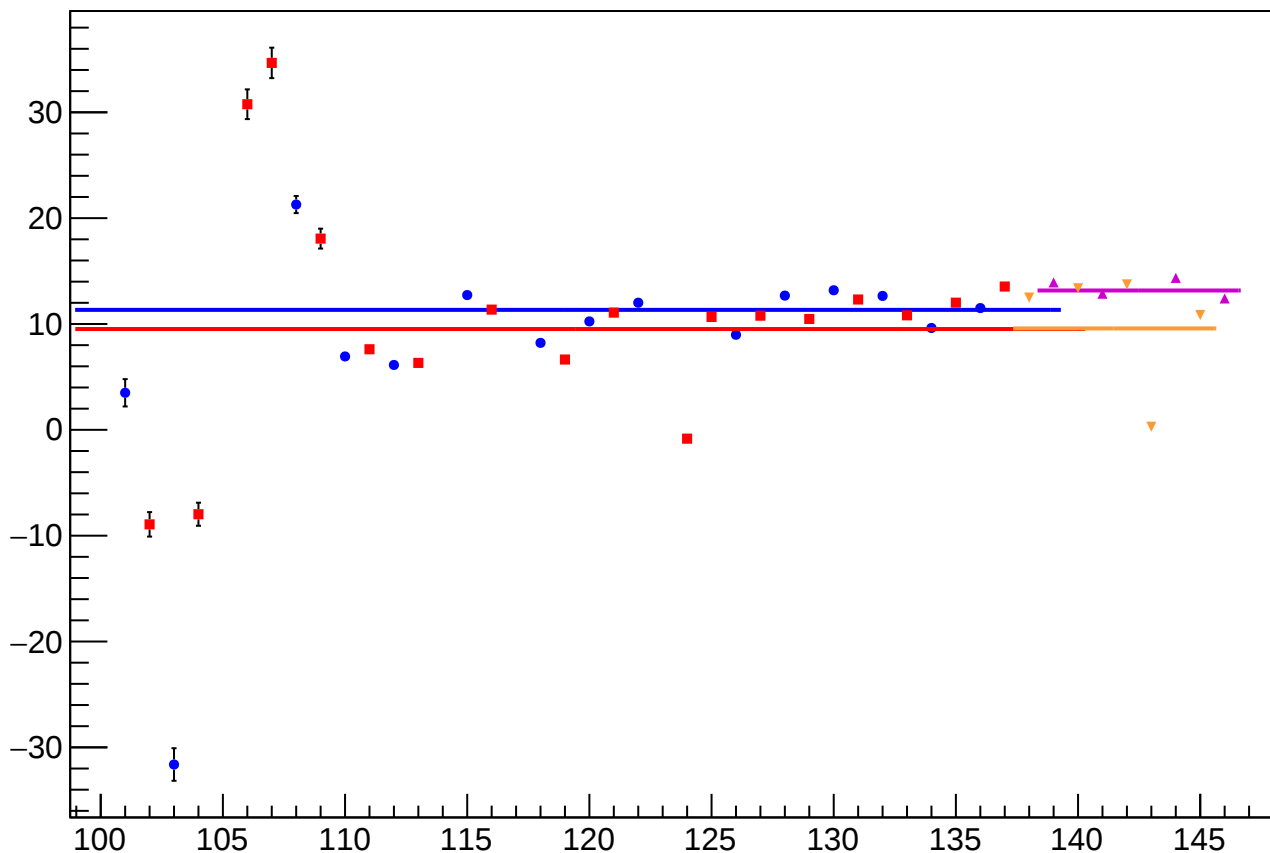
Right: -4.585+/-0.023 χ^2/NDF : 3961708.4/32

In: -4.007+/-0.025 χ^2/NDF : 3924997.8/18

Out: -9.517+/-0.027 χ^2/NDF : 629342.8/22

All: -6.528+/-0.018 χ^2/NDF : 4577457.9/41

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF : 2406.0/14

Left Out: 9.579+/-0.036 χ^2/NDF : 23325.5/4

Right Out: 9.524+/-0.048 χ^2/NDF : 4066.9/17

Left In: 13.165+/-0.040 χ^2/NDF : 365.3/3

Left: 11.214+/-0.027 χ^2/NDF : 28091.2/8

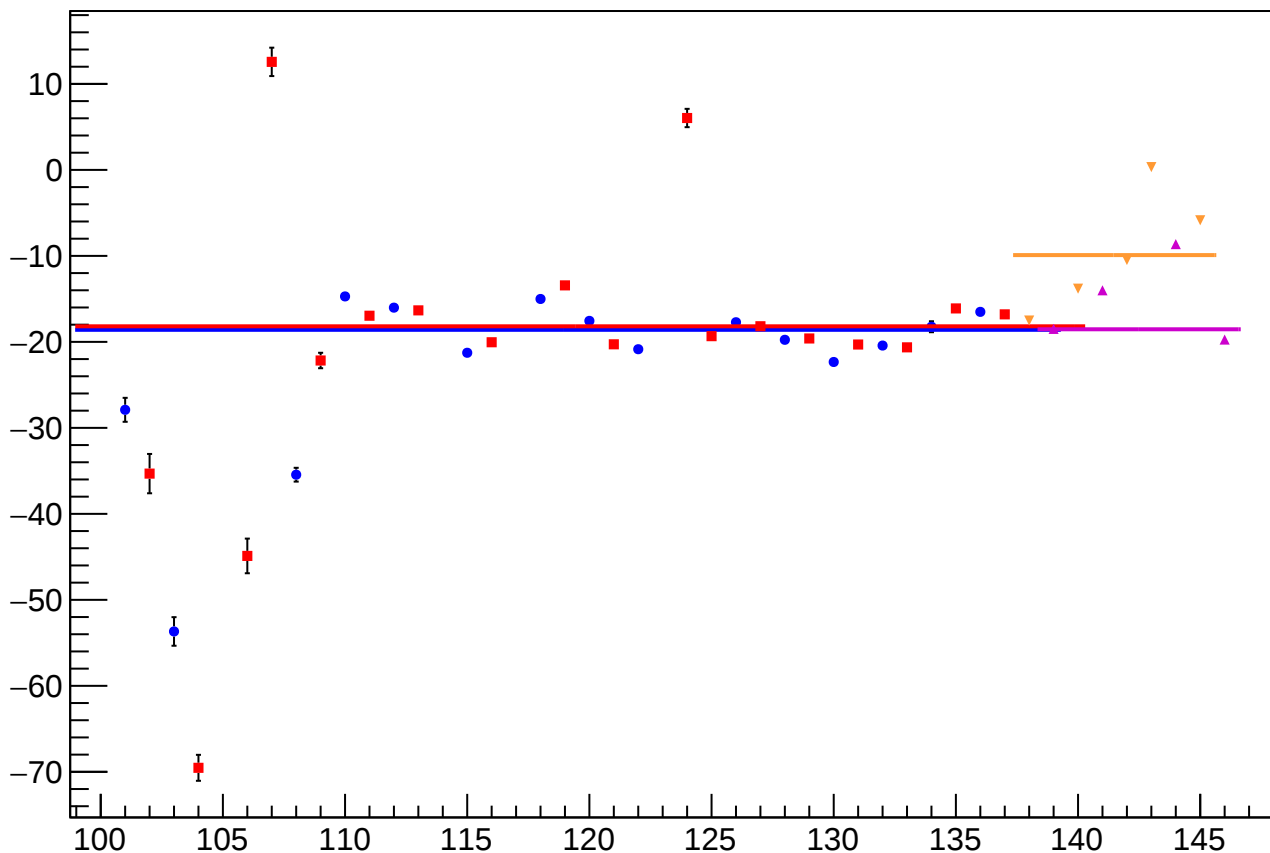
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 12.190+/-0.027 χ^2/NDF : 3894.2/18

Out: 9.559+/-0.029 χ^2/NDF : 27393.3/22

All: 10.958+/-0.020 χ^2/NDF : 35648.0/41

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -9.908 ± 0.050 χ^2/NDF : 16119.5/4

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -18.536 ± 0.038 χ^2/NDF : 5319.9/3

Left: -15.400 ± 0.030 χ^2/NDF : 40051.4/8

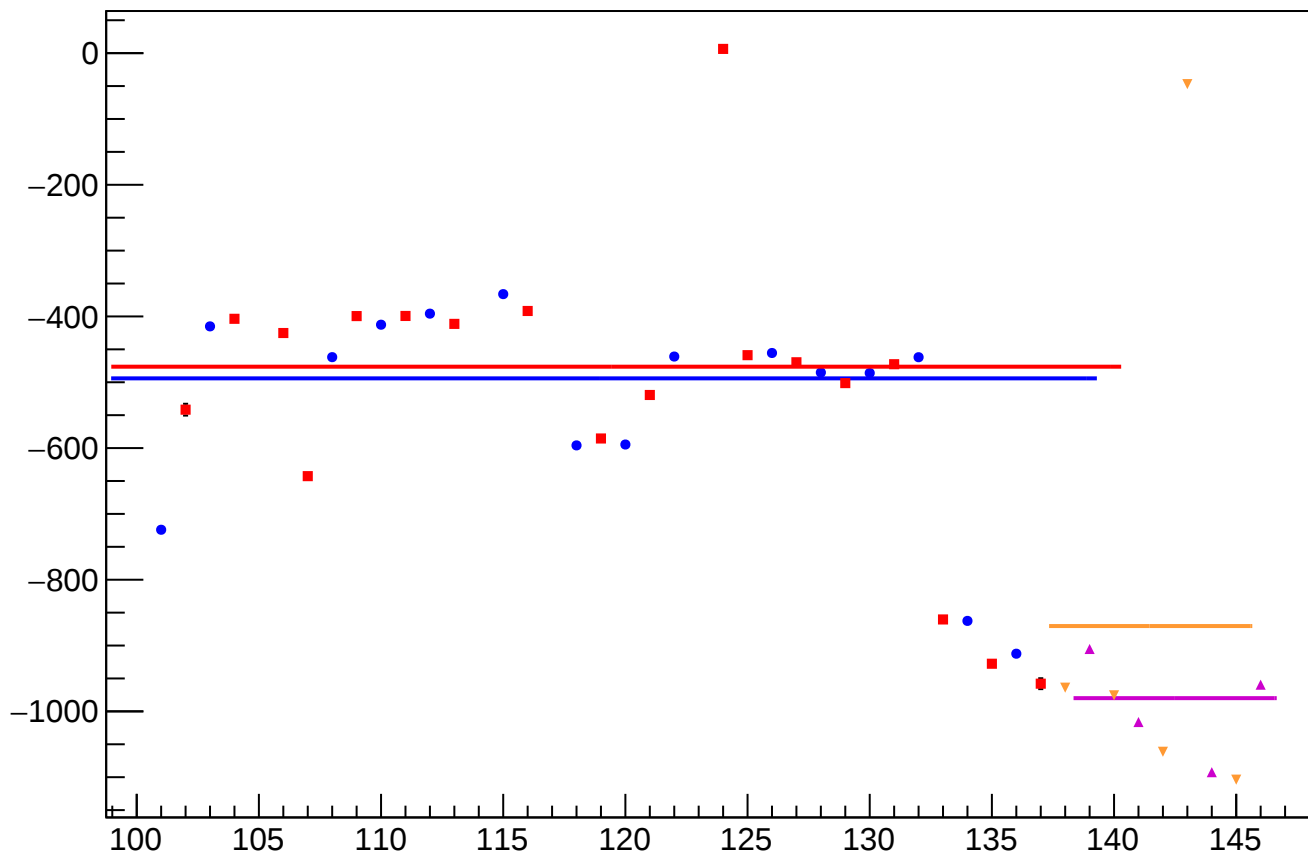
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -18.567 ± 0.027 χ^2/NDF : 11510.2/18

Out: -14.132 ± 0.035 χ^2/NDF : 34740.2/22

All: -16.961 ± 0.021 χ^2/NDF : 56307.5/41

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -870.383 ± 0.648 $\chi^2/\text{NDF}: 283658.5/4$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -979.915 ± 0.514 $\chi^2/\text{NDF}: 13949.4/3$

Left: -937.652 ± 0.403 $\chi^2/\text{NDF}: 315149.3/8$

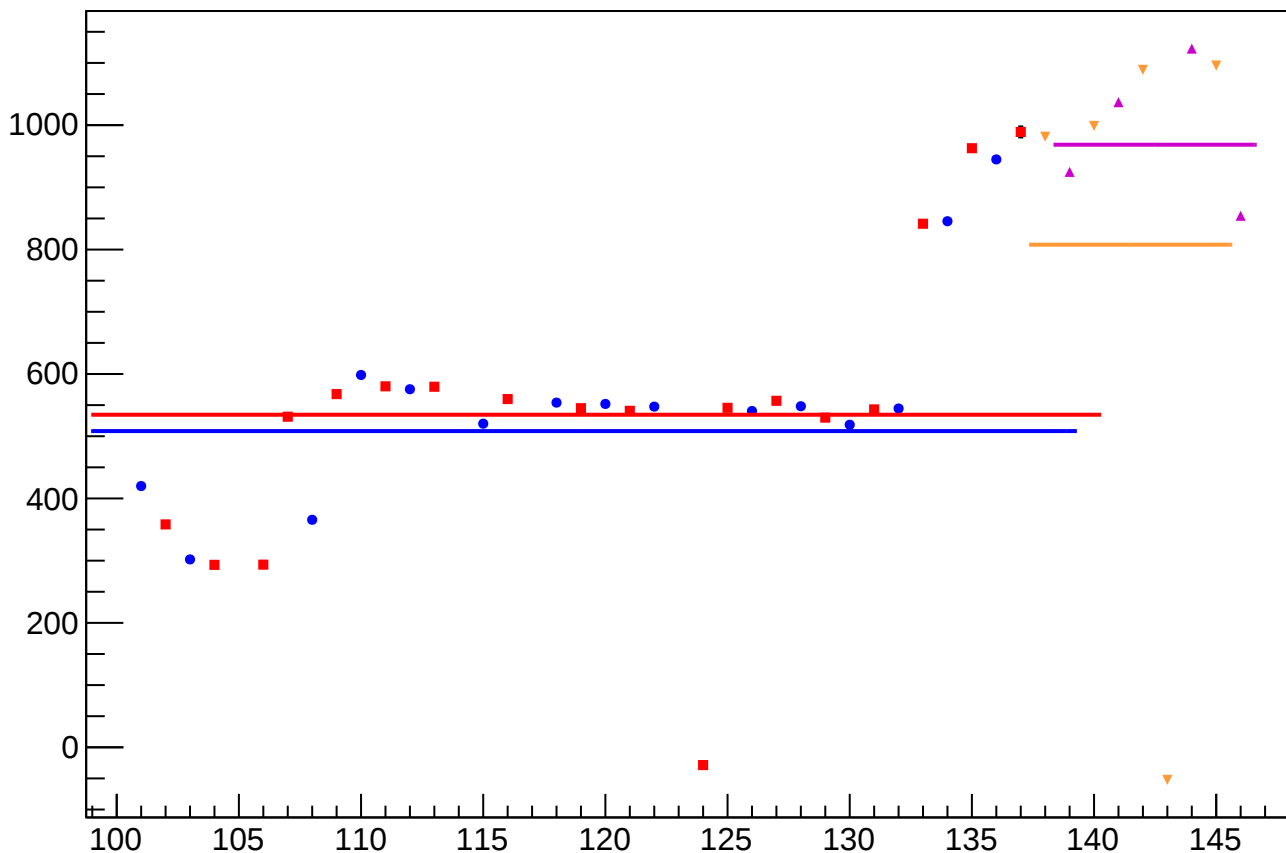
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -576.442 ± 0.212 $\chi^2/\text{NDF}: 1082731.7/18$

Out: -506.073 ± 0.178 $\chi^2/\text{NDF}: 1219528.6/22$

All: -535.249 ± 0.136 $\chi^2/\text{NDF}: 2367052.3/41$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 807.832 $\pm$ 0.673 χ^2 /NDF: 401017.8/4

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 968.531 $\pm$ 0.535 χ^2 /NDF: 29148.8/3

Left: 906.309 $\pm$ 0.419 χ^2 /NDF: 465069.6/8

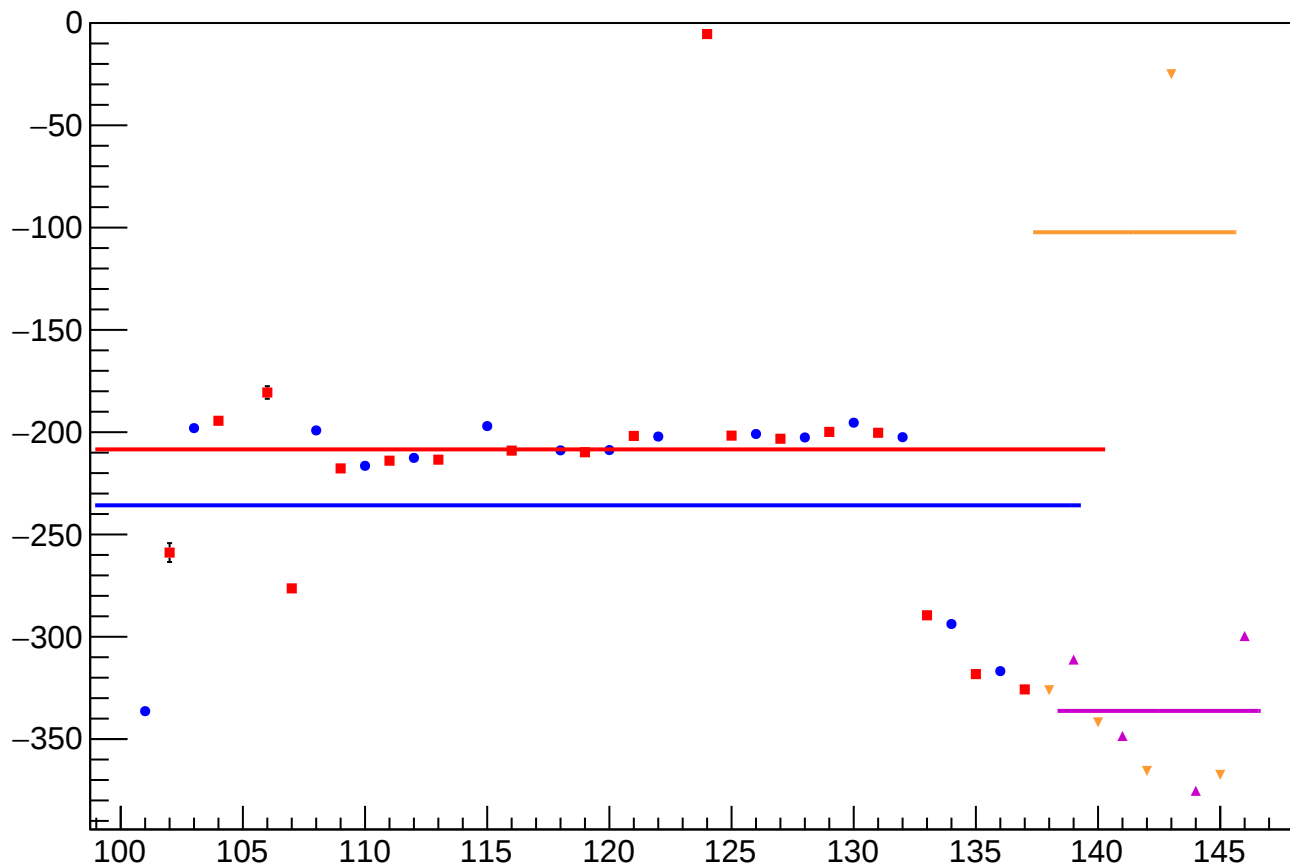
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 575.654 $\pm$ 0.205 χ^2 /NDF: 1099844.8/18

Out: 560.287 $\pm$ 0.207 χ^2 /NDF: 918490.8/22

All: 568.041 $\pm$ 0.145 χ^2 /NDF: 2021125.1/41

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 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: -336.233+/-0.100 χ^2/NDF : 49426.7/3

Left: -207.897+/-0.067 χ^2/NDF : 5354113.9/8

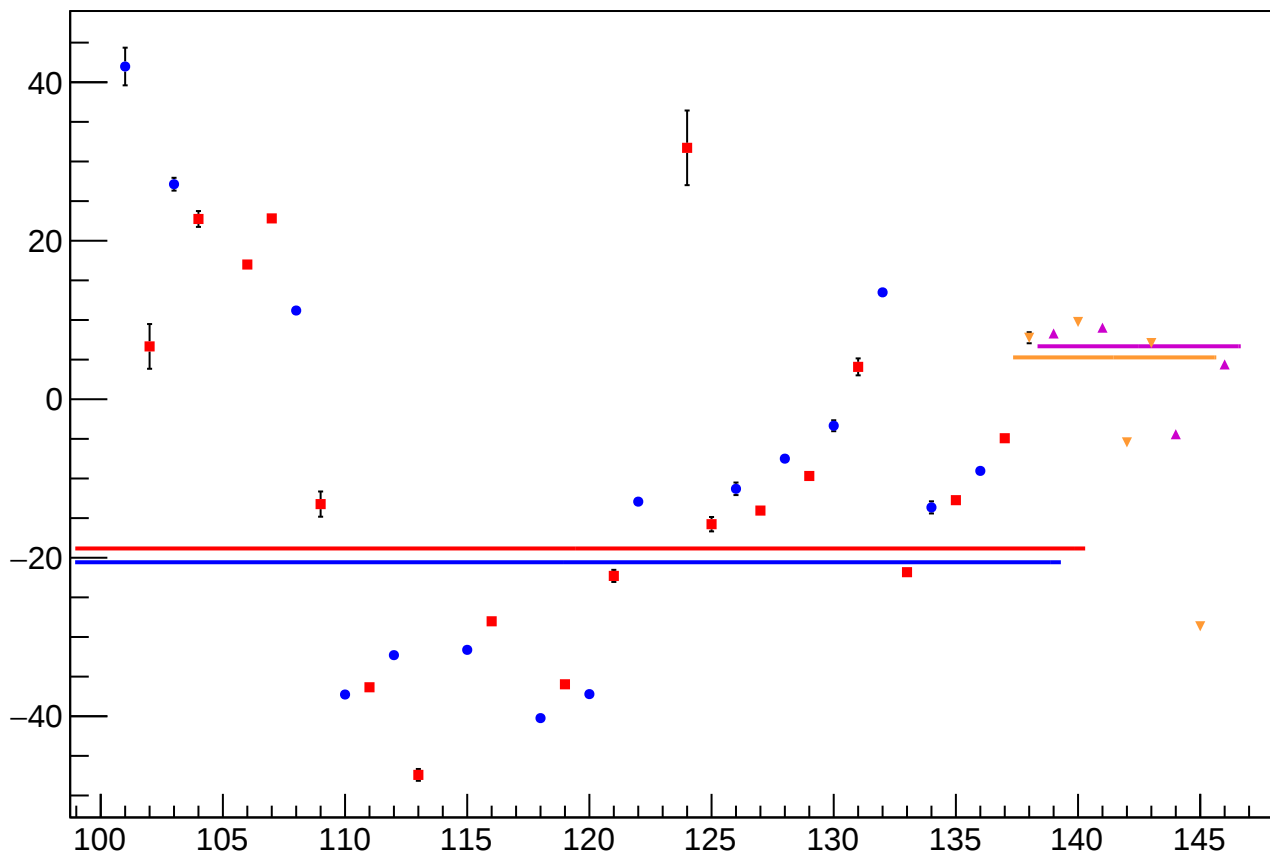
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -259.319+/-0.048 χ^2/NDF : 1702296.2/18

Out: -186.058+/-0.042 χ^2/NDF : 3748249.8/22

All: -217.190+/-0.031 χ^2/NDF : 6772761.5/41

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 5.280 ± 0.104 χ^2/NDF : 6298.1/4

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 6.682 ± 0.074 χ^2/NDF : 2015.2/3

Left: 6.214 ± 0.060 χ^2/NDF : 8433.4/8

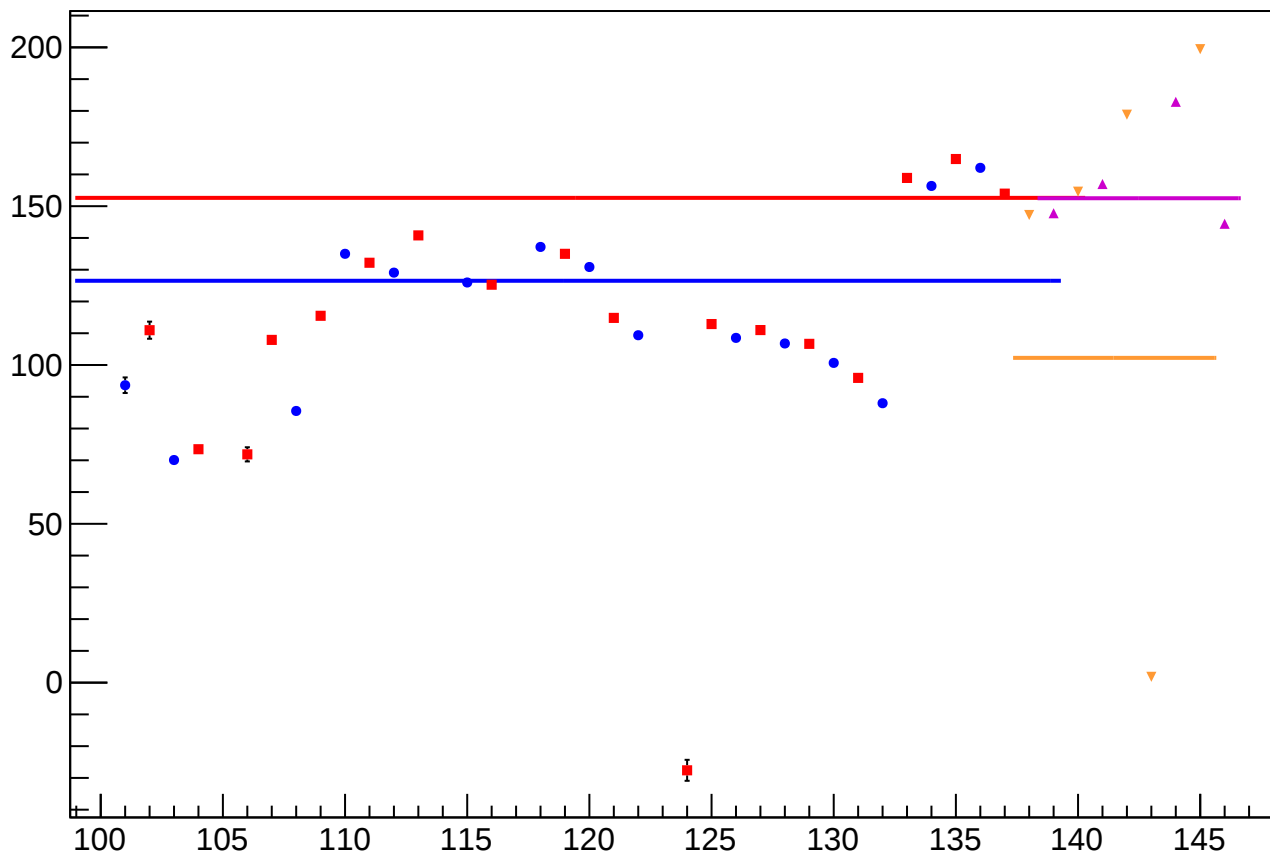
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -7.423 ± 0.051 χ^2/NDF : 135816.6/18

Out: -6.372 ± 0.075 χ^2/NDF : 52904.2/22

All: -7.088 ± 0.042 χ^2/NDF : 188854.4/41

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 102.247 $\pm$ 0.142 χ^2 /NDF:322621.8/4

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 152.502 $\pm$ 0.094 χ^2 /NDF:10242.3/3

Left: 137.129 $\pm$ 0.078 χ^2 /NDF: 420282.7/8

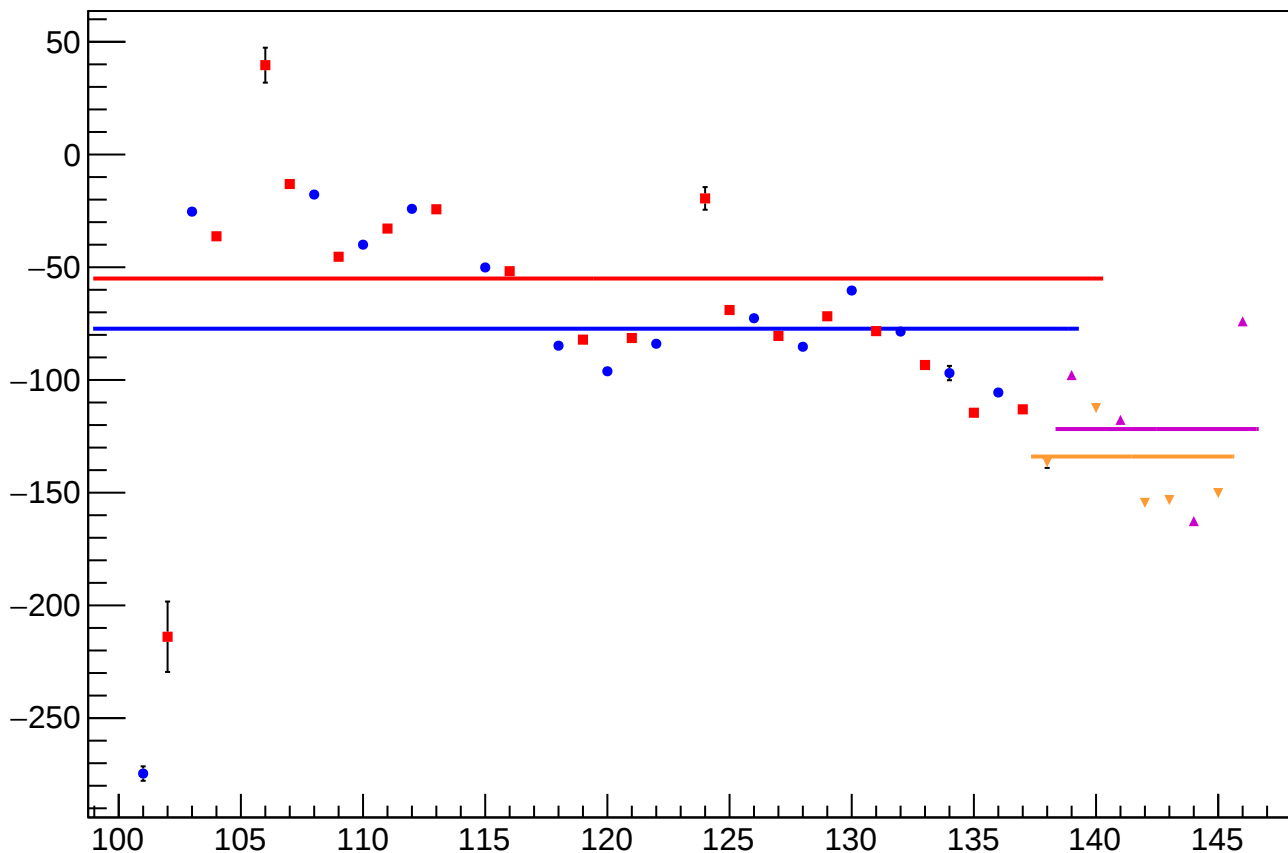
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 138.053 $\pm$ 0.063 χ^2 /NDF:167692.8/18

Out: 150.407 $\pm$ 0.030 χ^2 /NDF:517623.6/22

All: 148.142 $\pm$ 0.027 χ^2 /NDF: 717088.4/41

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -133.964 ± 0.278 χ^2/NDF : 5346.0/4

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -121.763 ± 0.237 χ^2/NDF : 12216.2/3

Left: -126.915 ± 0.180 χ^2/NDF : 18678.5/8

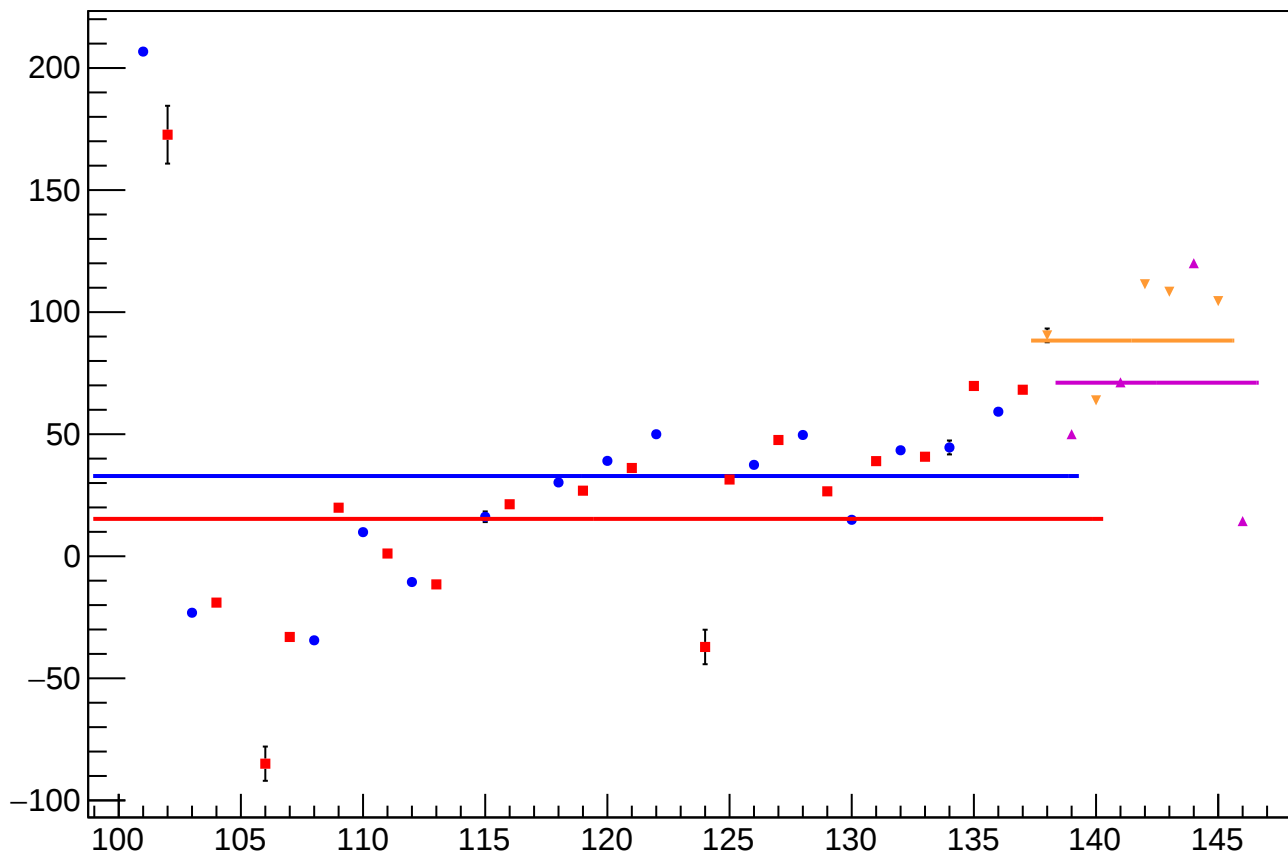
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -89.538 ± 0.125 χ^2/NDF : 68045.5/18

Out: -80.247 ± 0.157 χ^2/NDF : 84032.4/22

All: -85.944 ± 0.098 χ^2/NDF : 154227.2/41

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 88.357 $\pm$ 0.275 χ^2/NDF : 6647.3/4

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 71.096 $\pm$ 0.227 χ^2/NDF : 16177.4/3

Left: 78.091 $\pm$ 0.175 χ^2/NDF : 25161.3/8

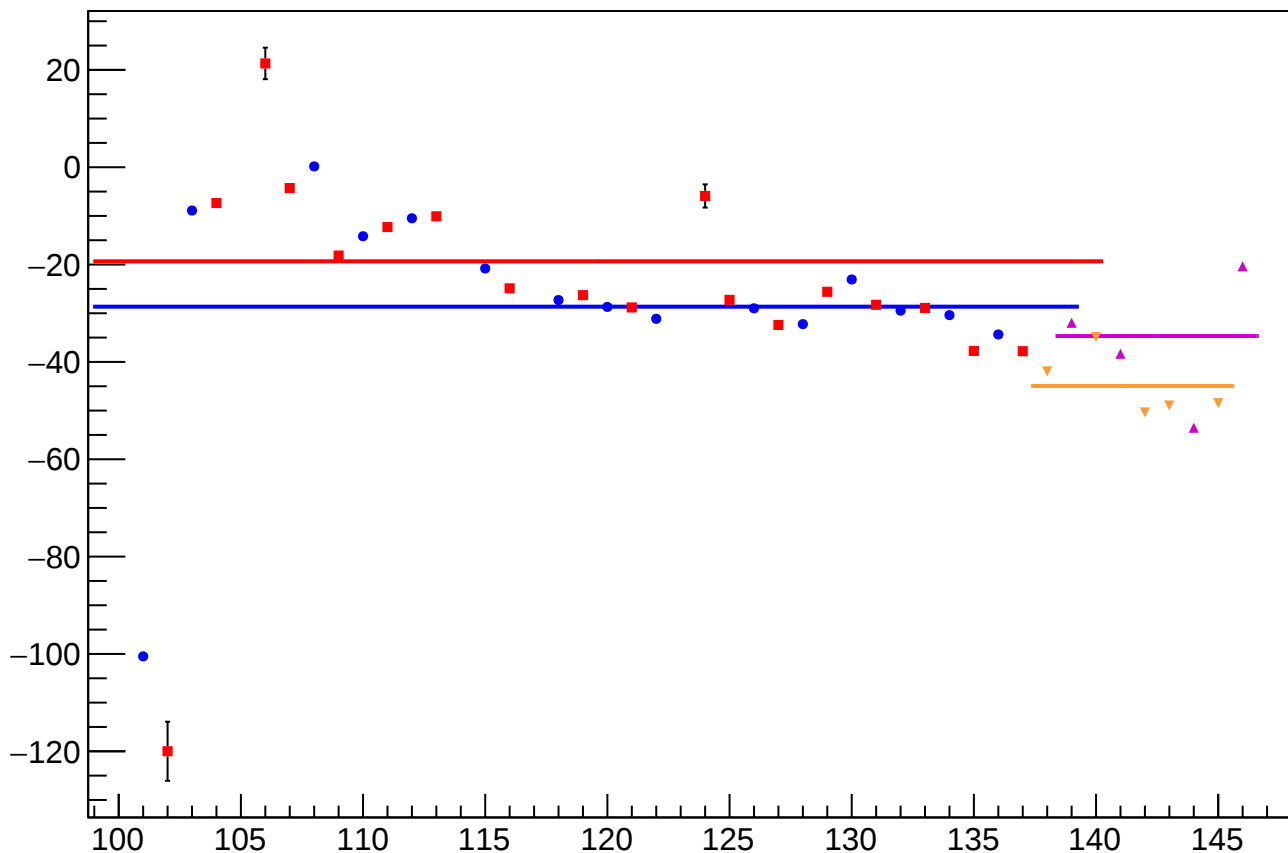
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 44.034 $\pm$ 0.123 χ^2/NDF : 67590.3/18

Out: 42.115 $\pm$ 0.167 χ^2/NDF : 67935.2/22

All: 43.359 $\pm$ 0.099 χ^2/NDF : 135611.4/41

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -44.944 ± 0.062 $\chi^2/\text{NDF}: 11068.7/4$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -34.684 ± 0.042 $\chi^2/\text{NDF}: 27744.3/3$

Left: -37.917 ± 0.035 $\chi^2/\text{NDF}: 57805.6/8$

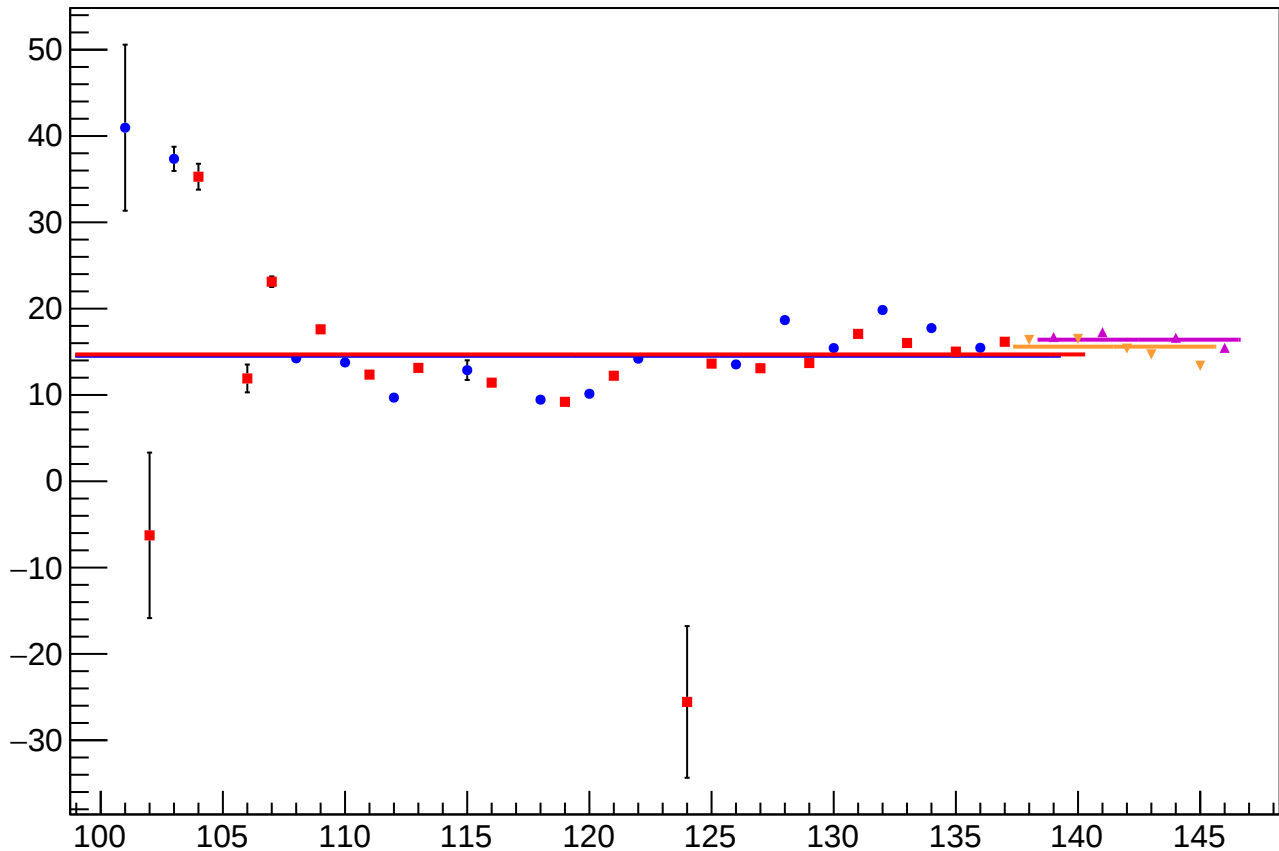
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -31.075 ± 0.026 $\chi^2/\text{NDF}: 153660.9/18$

Out: -26.749 ± 0.033 $\chi^2/\text{NDF}: 190458.0/22$

All: -29.389 ± 0.021 $\chi^2/\text{NDF}: 354503.3/41$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.597+/-0.035 χ^2/NDF : 930.3/4

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.403+/-0.033 χ^2/NDF : 524.3/3

Left: 16.029+/-0.024 χ^2/NDF : 1731.7/8

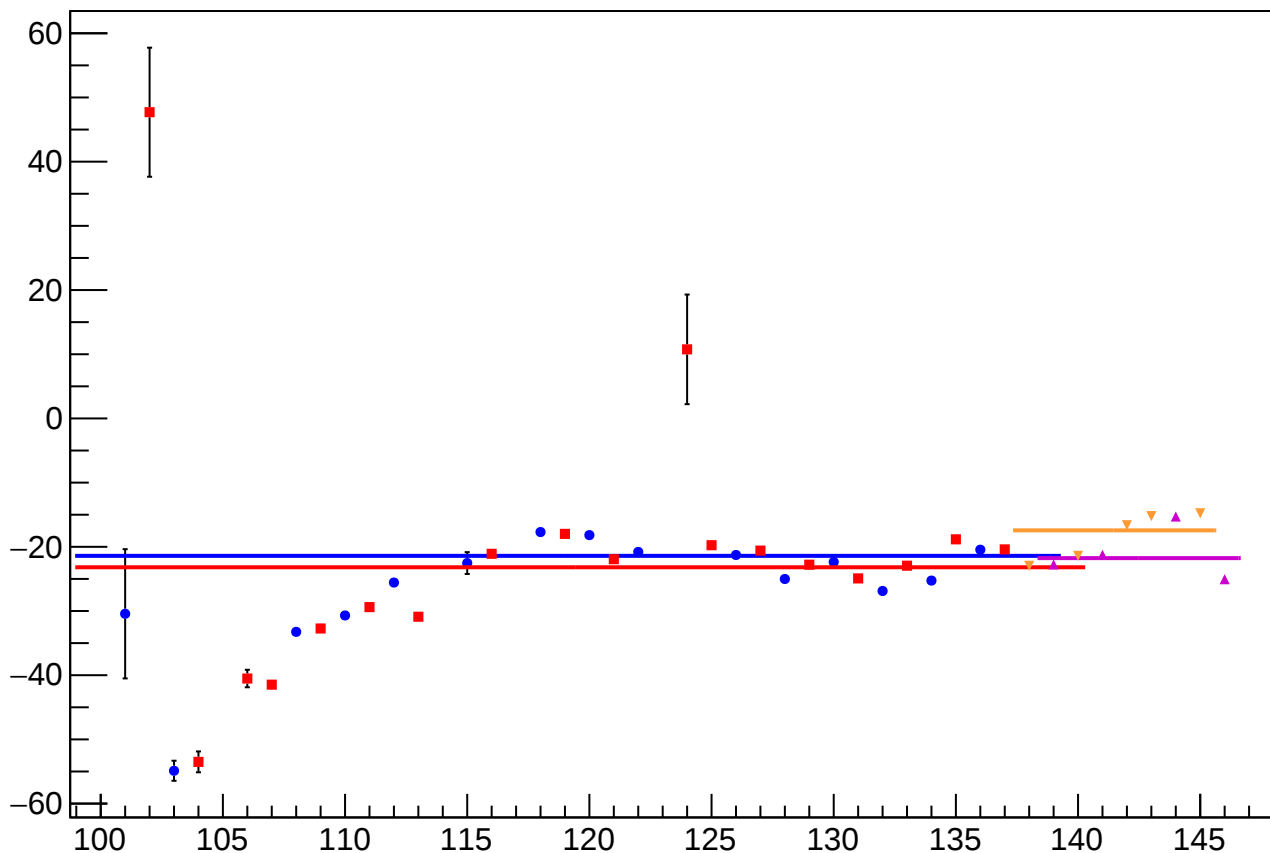
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.377+/-0.022 χ^2/NDF : 14354.9/18

Out: 15.238+/-0.027 χ^2/NDF : 2822.1/22

All: 15.322+/-0.017 χ^2/NDF : 17192.6/41

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 χ^2/NDF : 9686.6/14

Left Out: -17.436 ± 0.042 χ^2/NDF : 5039.0/4

Right Out: -23.186 ± 0.051 χ^2/NDF : 9126.8/17

Left In: -21.761 ± 0.054 χ^2/NDF : 3807.8/3

Left: -19.047 ± 0.033 χ^2/NDF : 12797.9/8

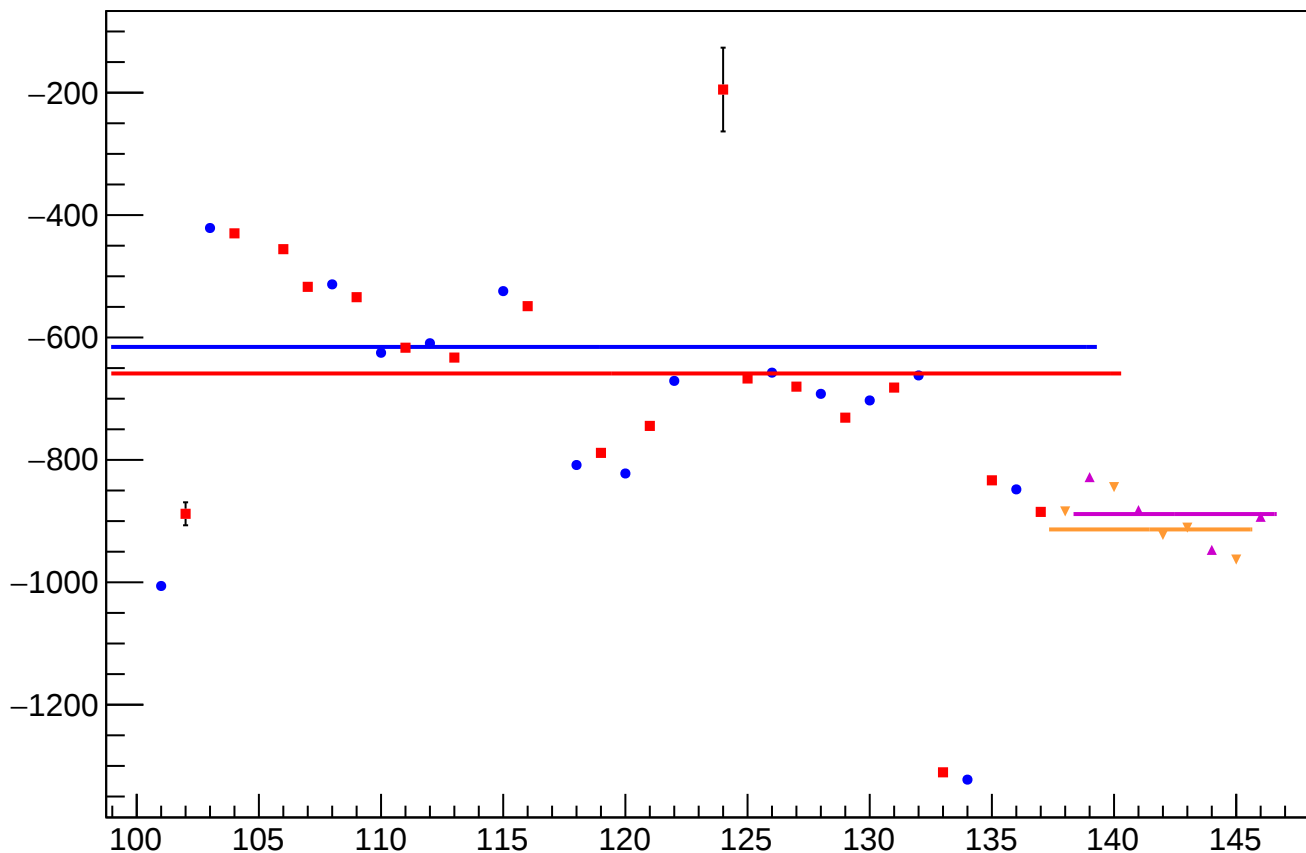
Right: -21.987 ± 0.029 χ^2/NDF : 19630.5/32

In: -21.512 ± 0.030 χ^2/NDF : 13524.1/18

Out: -19.754 ± 0.032 χ^2/NDF : 21722.0/22

All: -20.708 ± 0.022 χ^2/NDF : 36840.2/41

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2 /NDF: 382819.1/14

Left Out: -913.614+/-0.509 χ^2 /NDF: 6247.4/4

Right Out: -658.787+/-0.256 χ^2 /NDF: 385262.6/17

Left In: -888.476+/-0.402 χ^2 /NDF: 7964.1/3

Left: -898.134+/-0.315 χ^2 /NDF: 15713.7/8

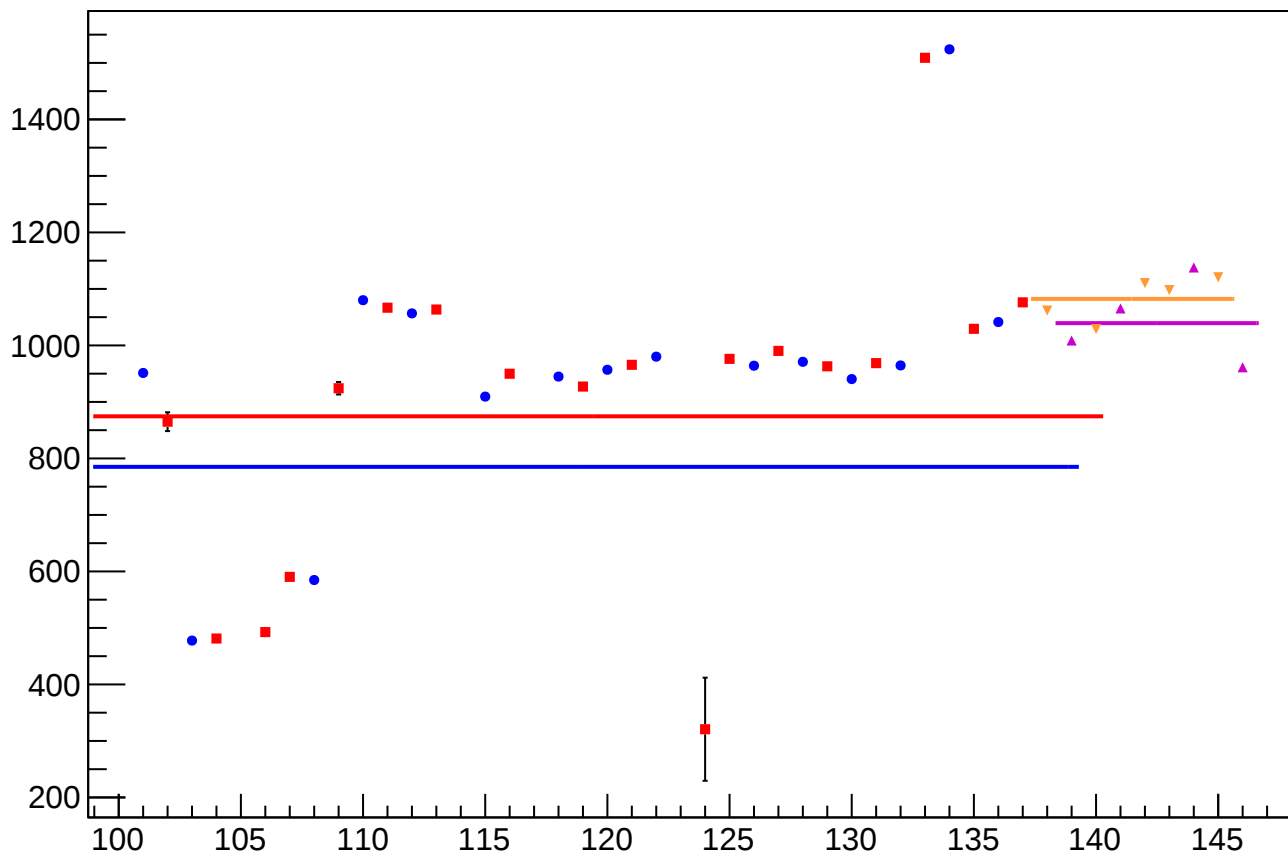
Right: -635.464+/-0.174 χ^2 /NDF: 783480.4/32

In: -686.108+/-0.205 χ^2 /NDF: 732686.6/18

Out: -710.334+/-0.229 χ^2 /NDF: 591478.8/22

All: -696.864+/-0.153 χ^2 /NDF: 1330393.2/41

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 1082.364 $\pm$ 0.582 χ^2 /NDF:3386.3/4

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 1039.454 $\pm$ 0.442 χ^2 /NDF:19138.3/3

Left: 1055.146 $\pm$ 0.352 χ^2 /NDF: 25976.1/8

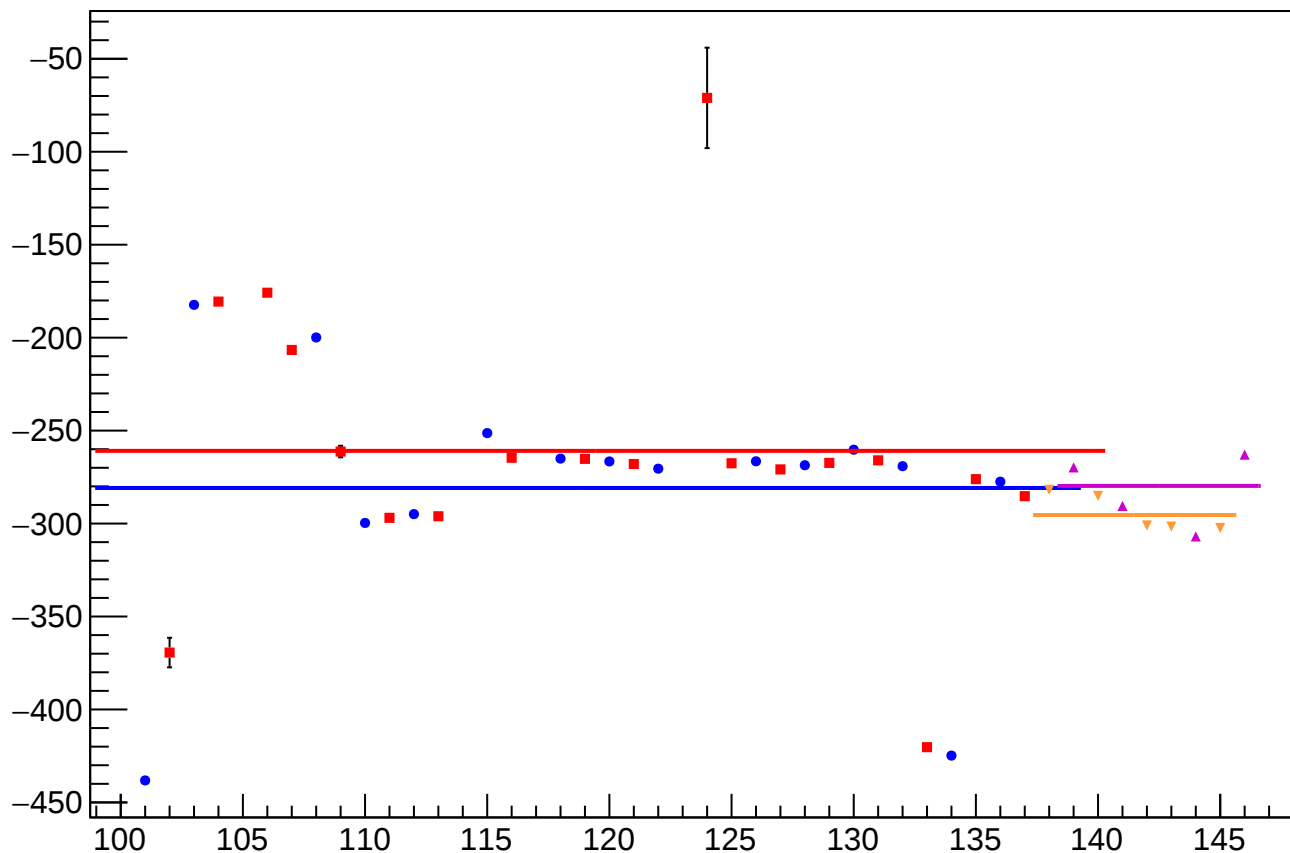
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 838.627 $\pm$ 0.203 χ^2 /NDF:1167126.9/18

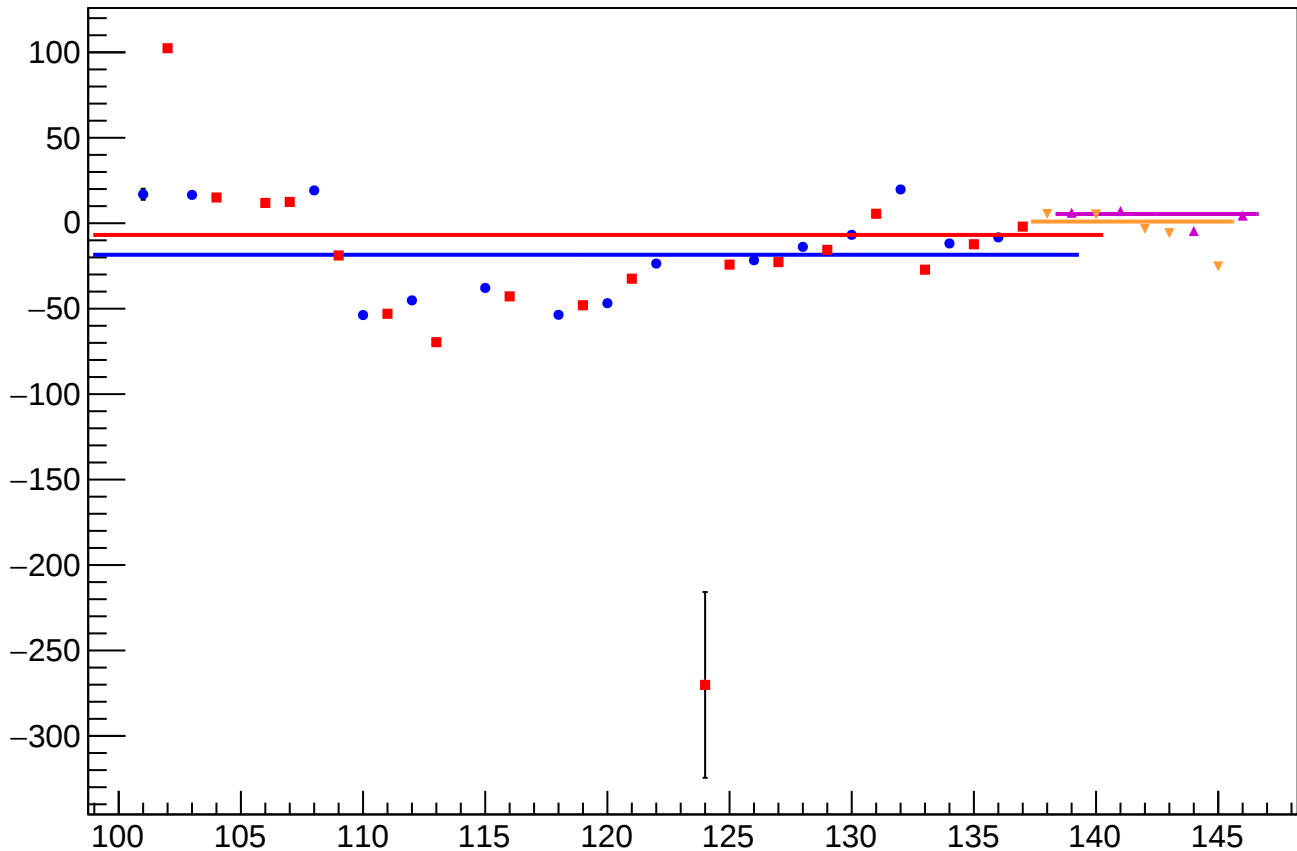
Out: 909.404 $\pm$ 0.238 χ^2 /NDF:952190.2/22

All: 868.322 $\pm$ 0.154 χ^2 /NDF: 2170508.8/41

dit_atr2_11X12X_slope vs Slug, Sign Corrected



dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 0.979 ± 0.098 $\chi^2/\text{NDF}: 5414.3/4$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.394 ± 0.075 $\chi^2/\text{NDF}: 1653.9/3$

Left: 3.749 ± 0.060 $\chi^2/\text{NDF}: 8344.5/8$

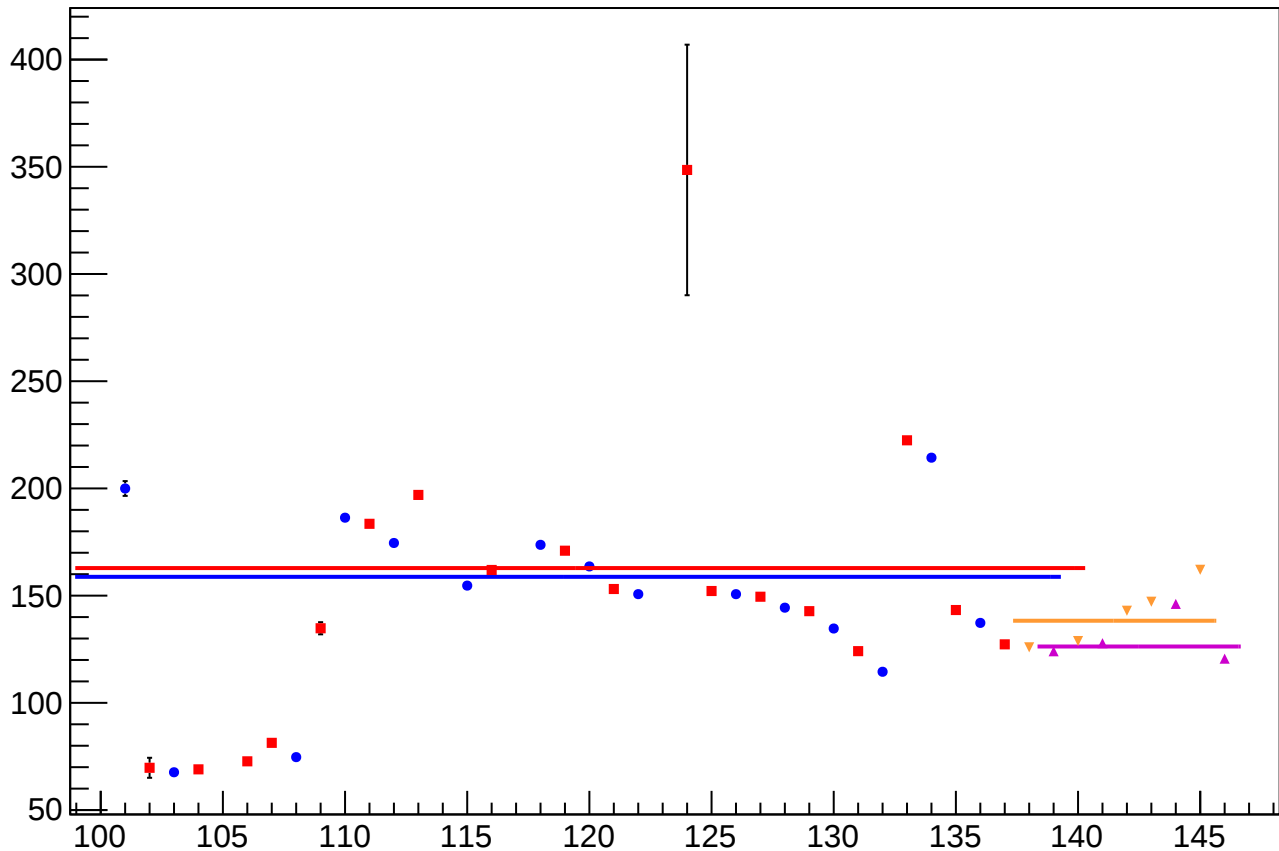
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -4.285 ± 0.058 $\chi^2/\text{NDF}: 88780.7/18$

Out: -4.472 ± 0.054 $\chi^2/\text{NDF}: 59884.9/22$

All: -4.386 ± 0.040 $\chi^2/\text{NDF}: 148671.1/41$

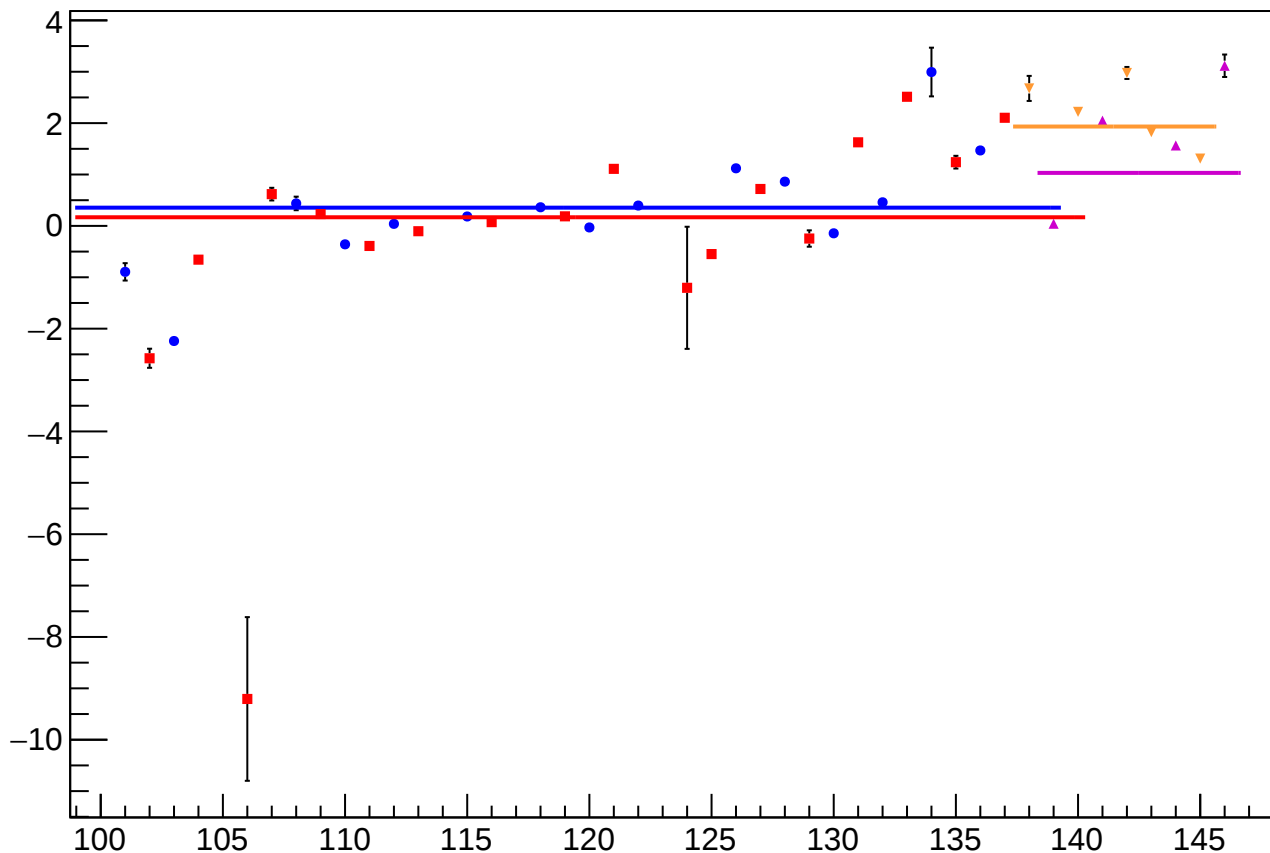
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 138.293 $\pm$ 0.116 χ^2 /NDF:8292.5/4
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 126.279 $\pm$ 0.081 χ^2 /NDF:6822.4/3

Left: 130.188 $\pm$ 0.066 χ^2 /NDF: 22303.5/8
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 141.092 $\pm$ 0.060 χ^2 /NDF:239502.6/18
 Out: 153.251 $\pm$ 0.073 χ^2 /NDF:191590.5/22
 All: 145.975 $\pm$ 0.046 χ^2 /NDF: 447792.8/41

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 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: 1.032 ± 0.019 χ^2/NDF : 2107.8/3

Left: 1.320 ± 0.016 χ^2/NDF : 3049.4/8

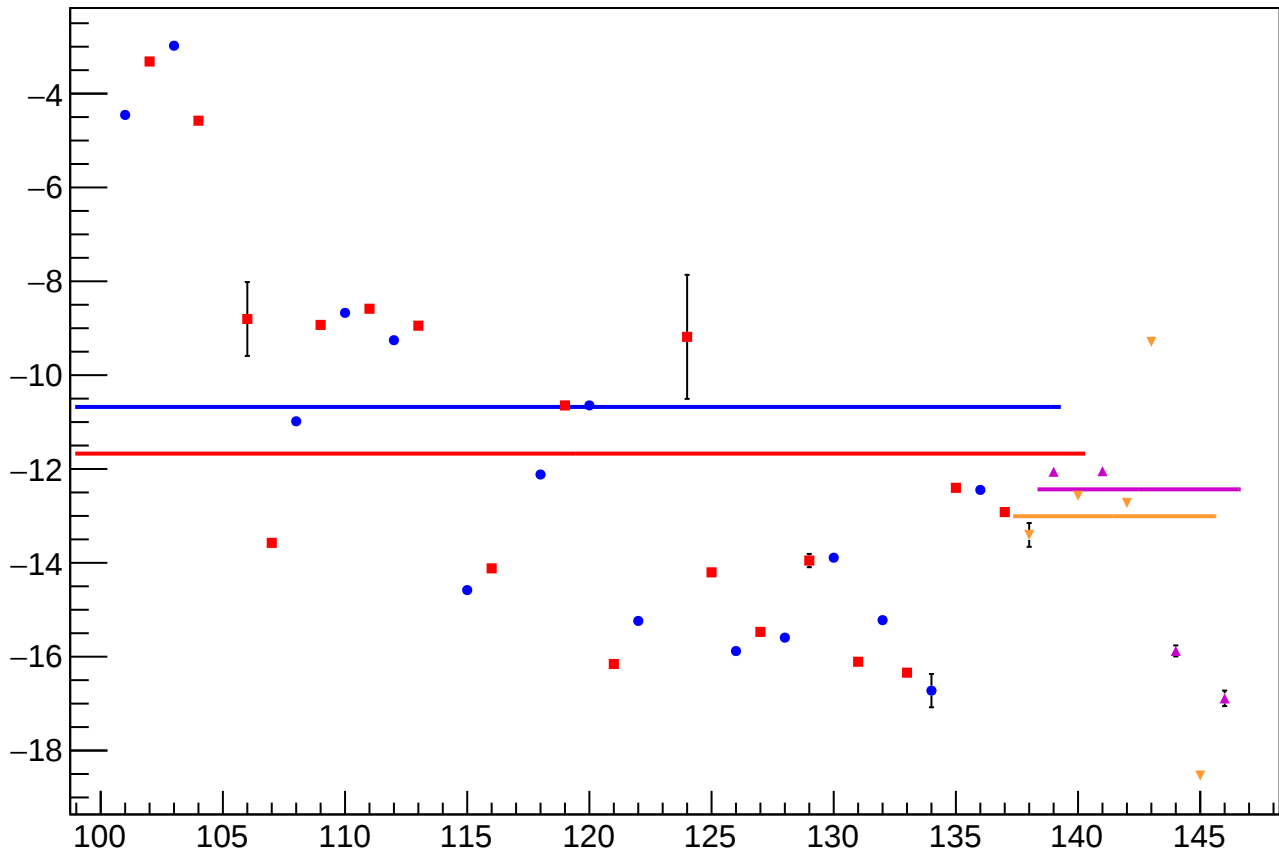
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.538 ± 0.010 χ^2/NDF : 7014.4/18

Out: 0.289 ± 0.007 χ^2/NDF : 8492.9/22

All: 0.376 ± 0.006 χ^2/NDF : 15906.3/41

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678+/-0.010 χ^2/NDF : 226791.0/14

Left Out: -13.006+/-0.023 χ^2/NDF : 21326.6/4

Right Out: -11.672+/-0.012 χ^2/NDF : 107844.6/17

Left In: -12.434+/-0.029 χ^2/NDF : 1761.9/3

Left: -12.782+/-0.018 χ^2/NDF : 23326.3/8

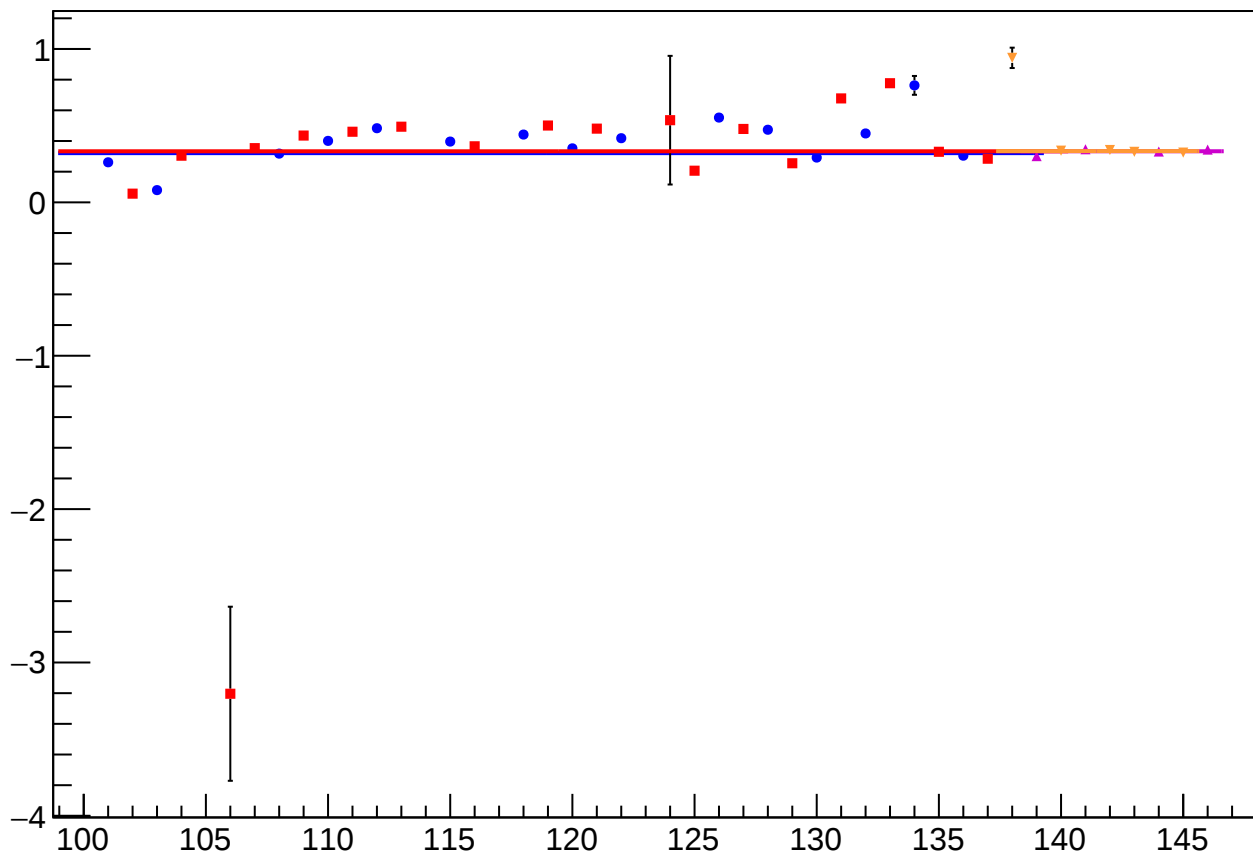
Right: -11.113+/-0.008 χ^2/NDF : 338735.1/32

In: -10.874+/-0.010 χ^2/NDF : 231818.0/18

Out: -11.940+/-0.010 χ^2/NDF : 131807.2/22

All: -11.369+/-0.007 χ^2/NDF : 369241.7/41

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.334+/-0.001 χ^2/NDF :170.7/4

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.333+/-0.001 χ^2/NDF :270.4/3

Left: 0.334+/-0.000 χ^2/NDF : 442.0/8

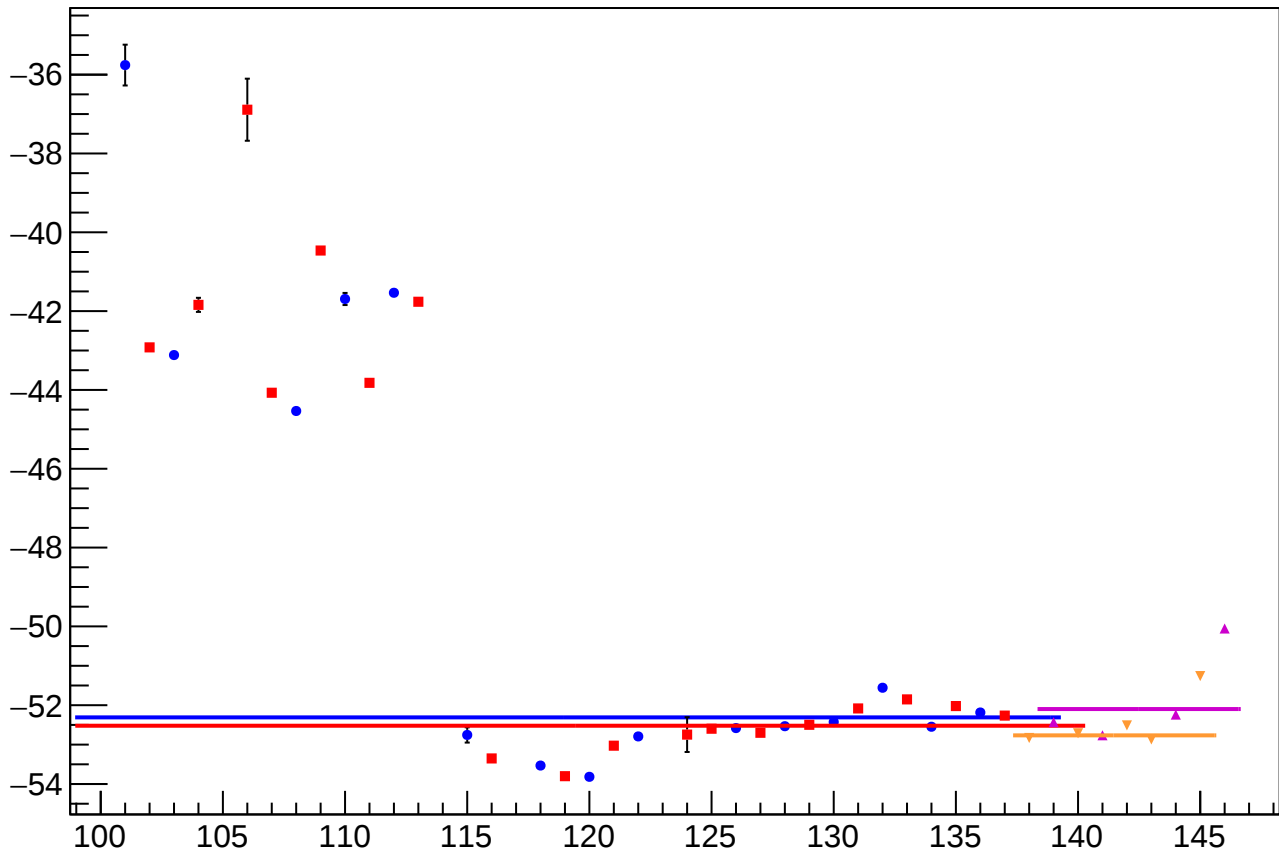
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.328+/-0.001 χ^2/NDF :4392.5/18

Out: 0.334+/-0.001 χ^2/NDF :4341.3/22

All: 0.331+/-0.000 χ^2/NDF : 8778.4/41

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -52.765 $\pm$ 0.006 χ^2 /NDF:1953.0/4

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -52.097 $\pm$ 0.006 χ^2 /NDF:31476.3/3

Left: -52.443 $\pm$ 0.004 χ^2 /NDF: 40465.9/8

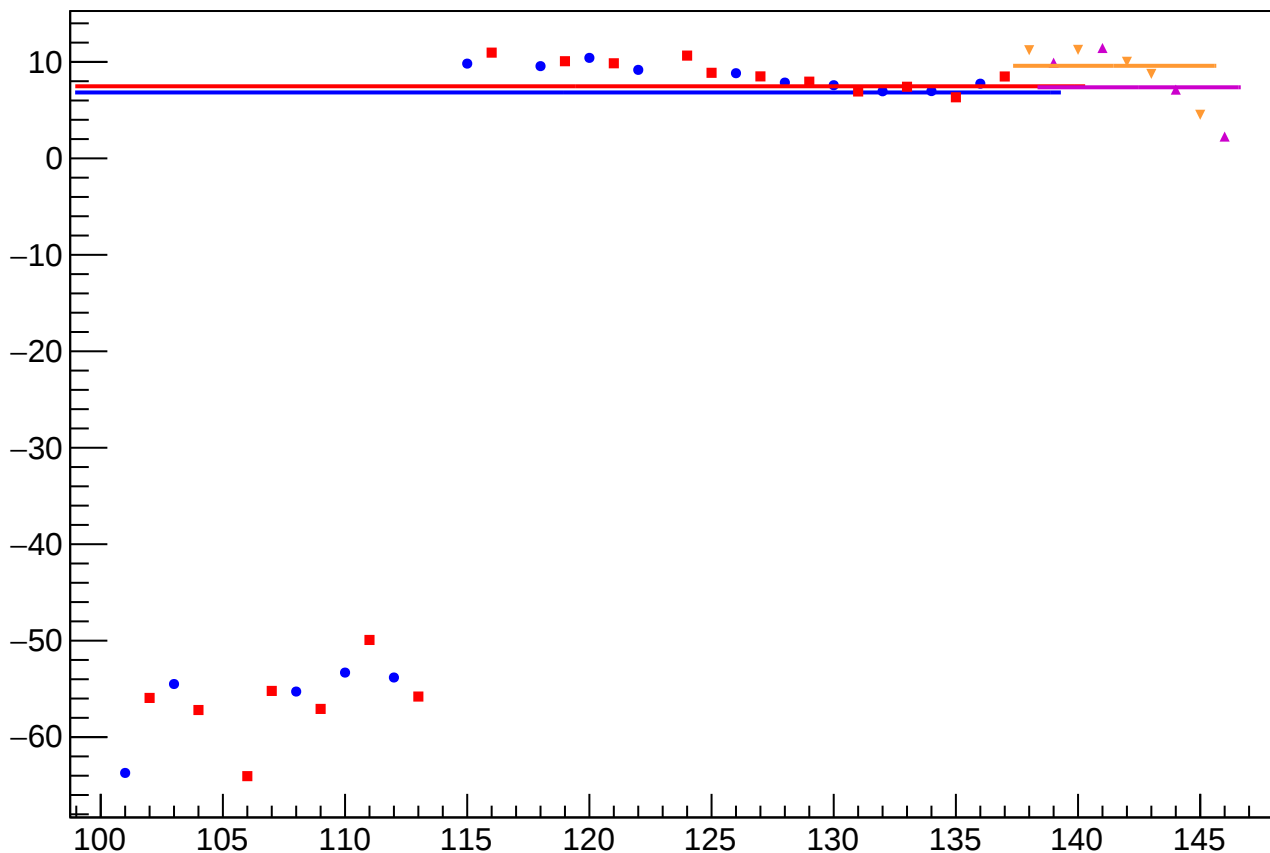
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.230 $\pm$ 0.003 χ^2 /NDF:85791.2/18

Out: -52.621 $\pm$ 0.004 χ^2 /NDF:79724.0/22

All: -52.423 $\pm$ 0.002 χ^2 /NDF: 171685.0/41

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2/NDF : 990576.4/14

Left Out: 9.597 $\pm$ 0.012 χ^2/NDF :28199.4/4

Right Out: 7.474 $\pm$ 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.369 $\pm$ 0.015 χ^2/NDF :72718.9/3

Left: 8.650 $\pm$ 0.009 χ^2/NDF : 114486.6/8

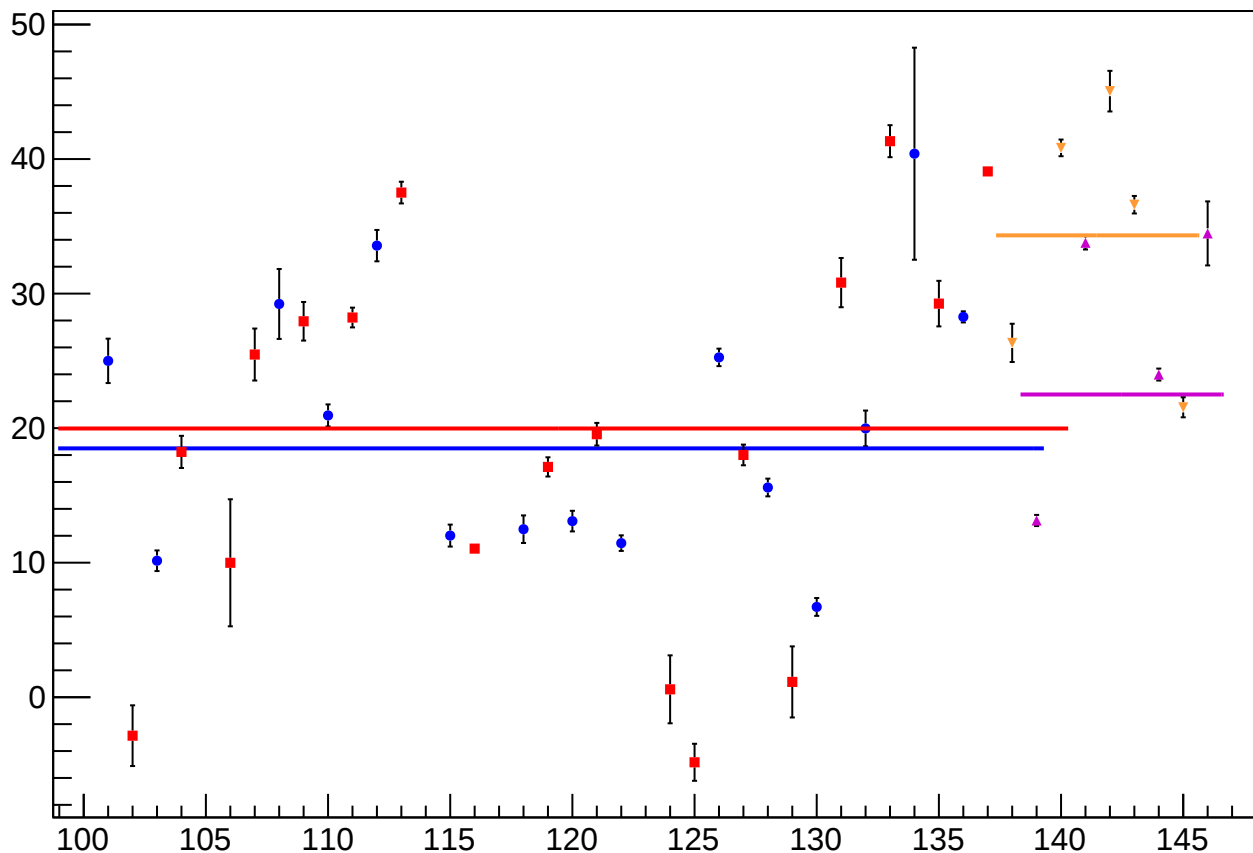
Right: 6.980 $\pm$ 0.004 χ^2/NDF : 2189734.1/32

In: 6.892 $\pm$ 0.005 χ^2/NDF :1064510.4/18

Out: 8.232 $\pm$ 0.007 χ^2/NDF :1242334.7/22

All: 7.282 $\pm$ 0.004 χ^2/NDF : 2329755.6/41

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 34.329 $\pm$ 0.360 χ^2 /NDF:499.8/4

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 22.502 $\pm$ 0.258 χ^2 /NDF:1054.4/3

Left: 26.508 $\pm$ 0.210 χ^2 /NDF: 2267.4/8

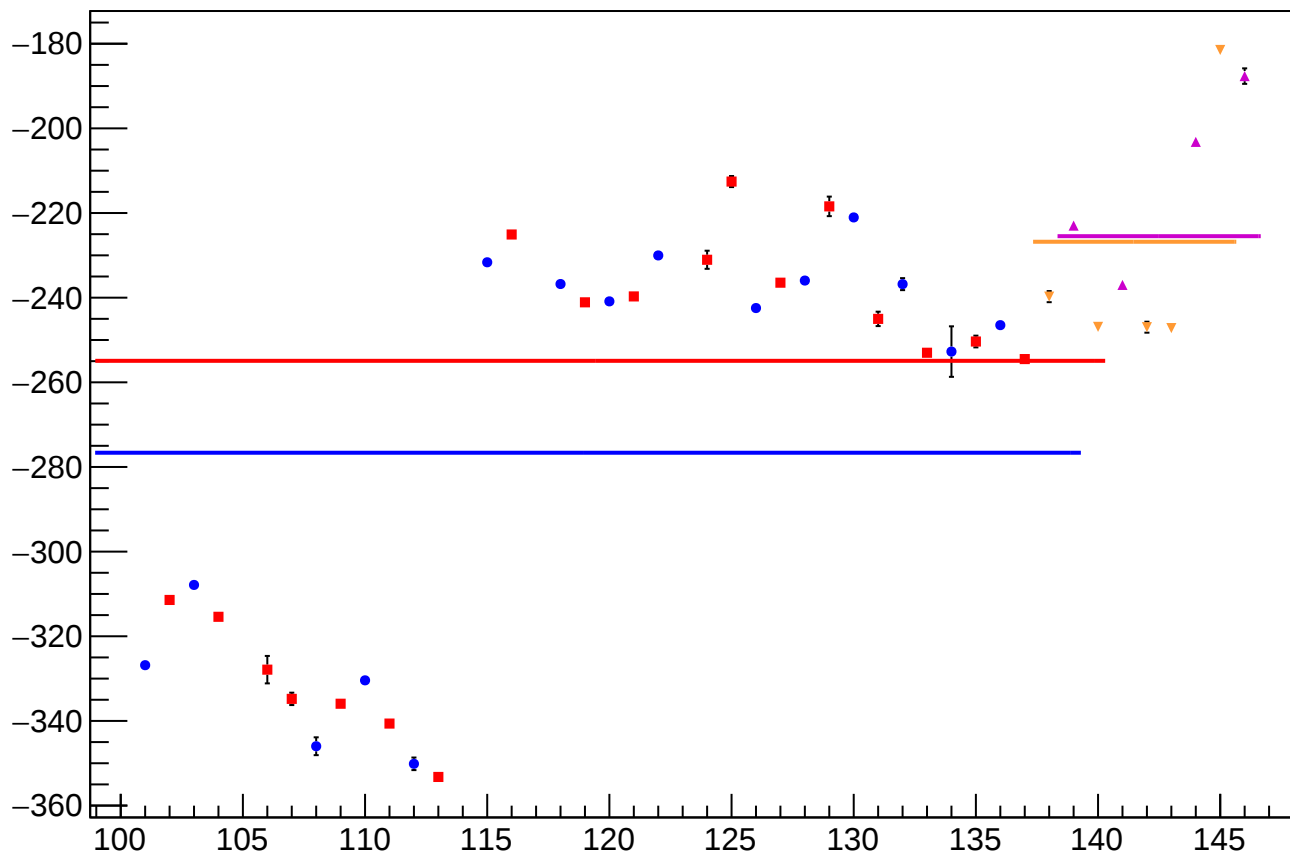
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 20.002 $\pm$ 0.158 χ^2 /NDF:2841.8/18

Out: 21.633 $\pm$ 0.122 χ^2 /NDF:11106.5/22

All: 21.021 $\pm$ 0.097 χ^2 /NDF: 14014.9/41

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 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: -225.471 $\pm$ 0.253 χ^2 /NDF:2114.6/3

Left: -226.027 $\pm$ 0.193 χ^2 /NDF: 12308.2/8

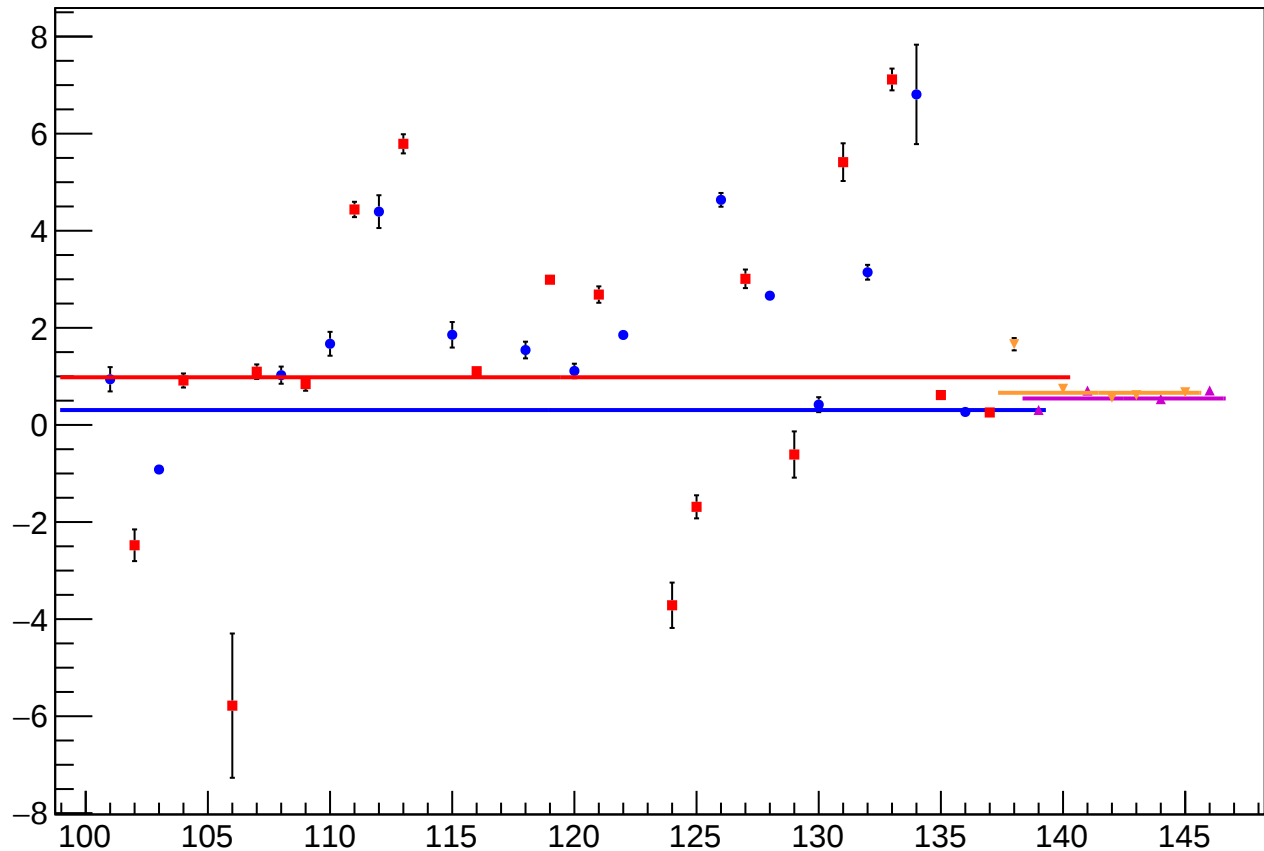
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -263.668 $\pm$ 0.127 χ^2 /NDF:109712.6/18

Out: -253.387 $\pm$ 0.069 χ^2 /NDF:90632.5/22

All: -255.730 $\pm$ 0.061 χ^2 /NDF: 205366.7/41

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.662 ± 0.005 $\chi^2/\text{NDF}: 223.4/4$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.545 ± 0.004 $\chi^2/\text{NDF}: 1604.6/3$

Left: 0.589 ± 0.003 $\chi^2/\text{NDF}: 2131.5/8$

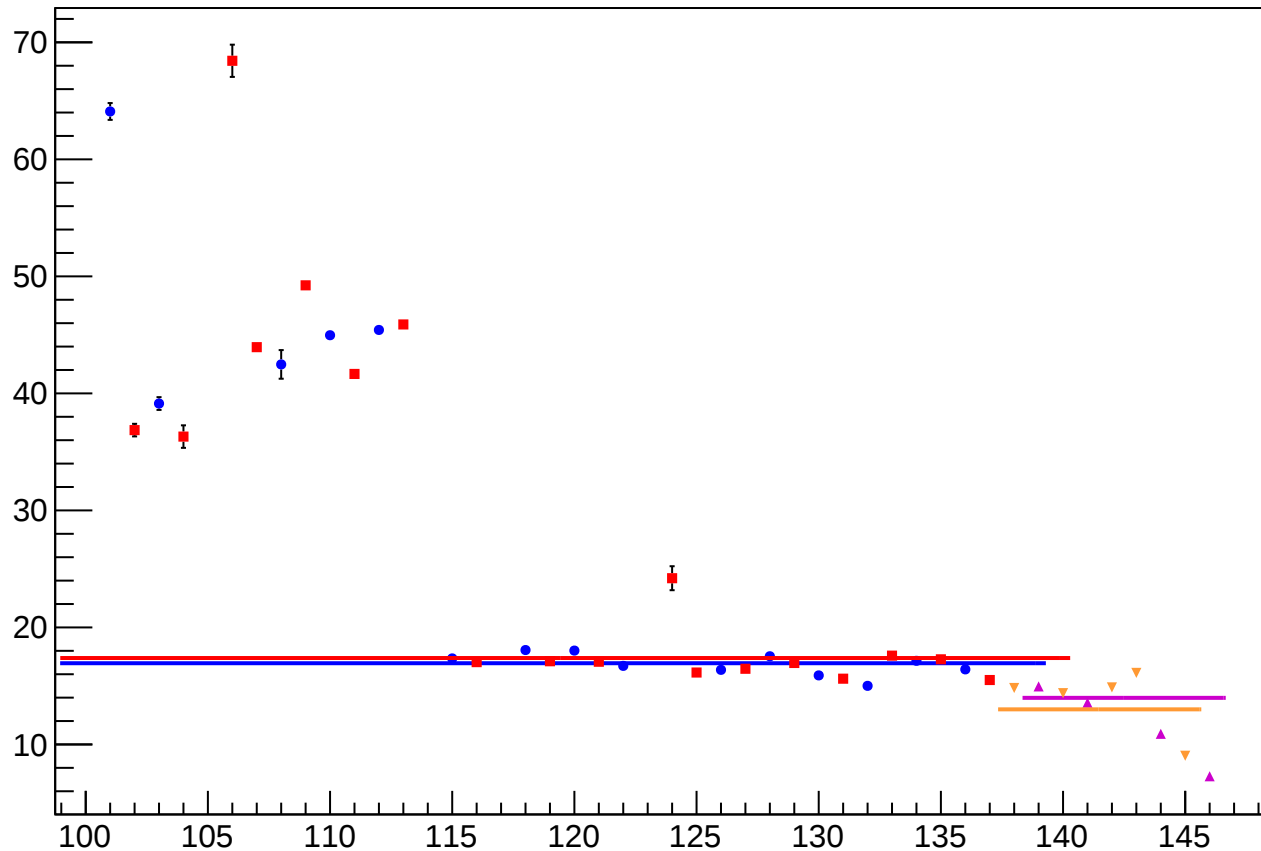
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.479 ± 0.004 $\chi^2/\text{NDF}: 5322.5/18$

Out: 0.699 ± 0.005 $\chi^2/\text{NDF}: 4017.5/22$

All: 0.552 ± 0.003 $\chi^2/\text{NDF}: 10649.2/41$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 12.999 ± 0.016 χ^2/NDF : 37662.8/4

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 13.982 ± 0.025 χ^2/NDF : 4708.8/3

Left: 13.280 ± 0.013 χ^2/NDF : 43492.7/8

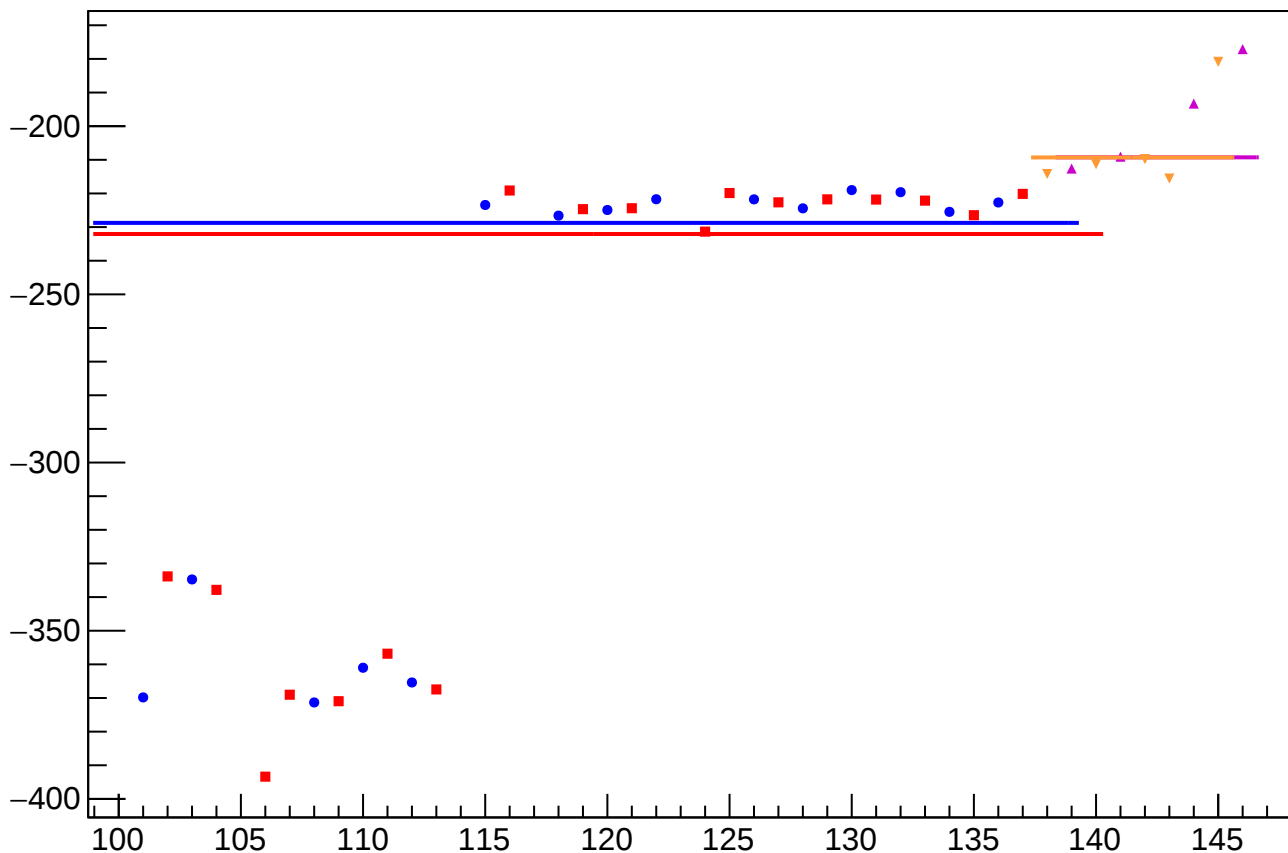
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 16.314 ± 0.011 χ^2/NDF : 44929.7/18

Out: 14.944 ± 0.012 χ^2/NDF : 133400.7/22

All: 15.646 ± 0.008 χ^2/NDF : 185340.5/41

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -209.292 ± 0.038 $\chi^2/\text{NDF}: 64884.5/4$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -209.262 ± 0.044 $\chi^2/\text{NDF}: 8959.2/3$

Left: -209.280 ± 0.029 $\chi^2/\text{NDF}: 73843.9/8$

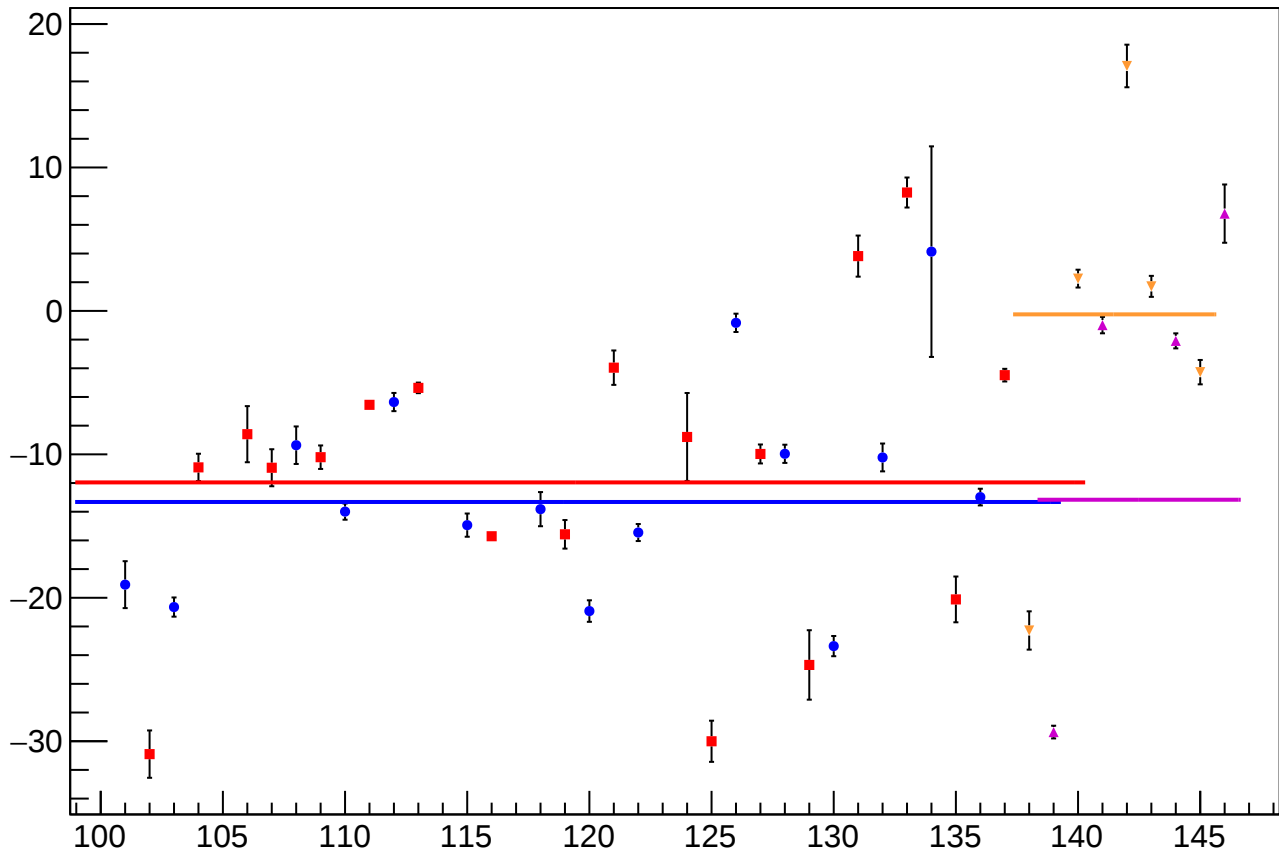
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -221.290 ± 0.027 $\chi^2/\text{NDF}: 787346.2/18$

Out: -219.597 ± 0.028 $\chi^2/\text{NDF}: 1022713.6/22$

All: -220.460 ± 0.019 $\chi^2/\text{NDF}: 1811952.8/41$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -0.241 ± 0.382 χ^2/NDF : 454.1/4

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -13.165 ± 0.288 χ^2/NDF : 2328.7/3

Left: -8.472 ± 0.230 χ^2/NDF : 3511.5/8

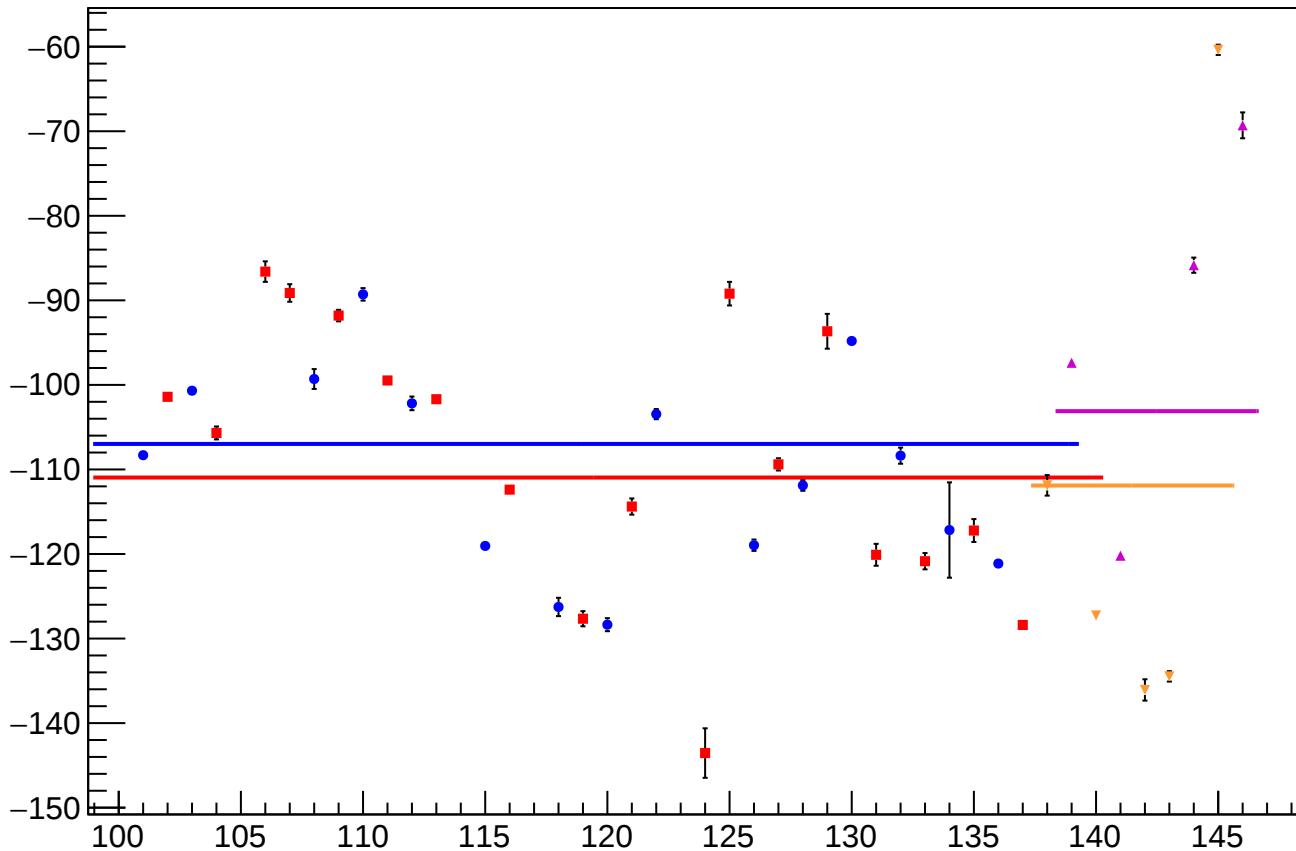
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.272 ± 0.161 χ^2/NDF : 3341.9/18

Out: -11.020 ± 0.108 χ^2/NDF : 3806.4/22

All: -11.720 ± 0.090 χ^2/NDF : 7283.4/41

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983+/-0.110 χ^2/NDF : 4658.3/14

Left Out: -111.901+/-0.304 χ^2/NDF : 9865.0/4

Right Out: -110.955+/-0.050 χ^2/NDF : 10675.0/17

Left In: -103.105+/-0.264 χ^2/NDF : 2499.4/3

Left: -106.896+/-0.199 χ^2/NDF : 12841.5/8

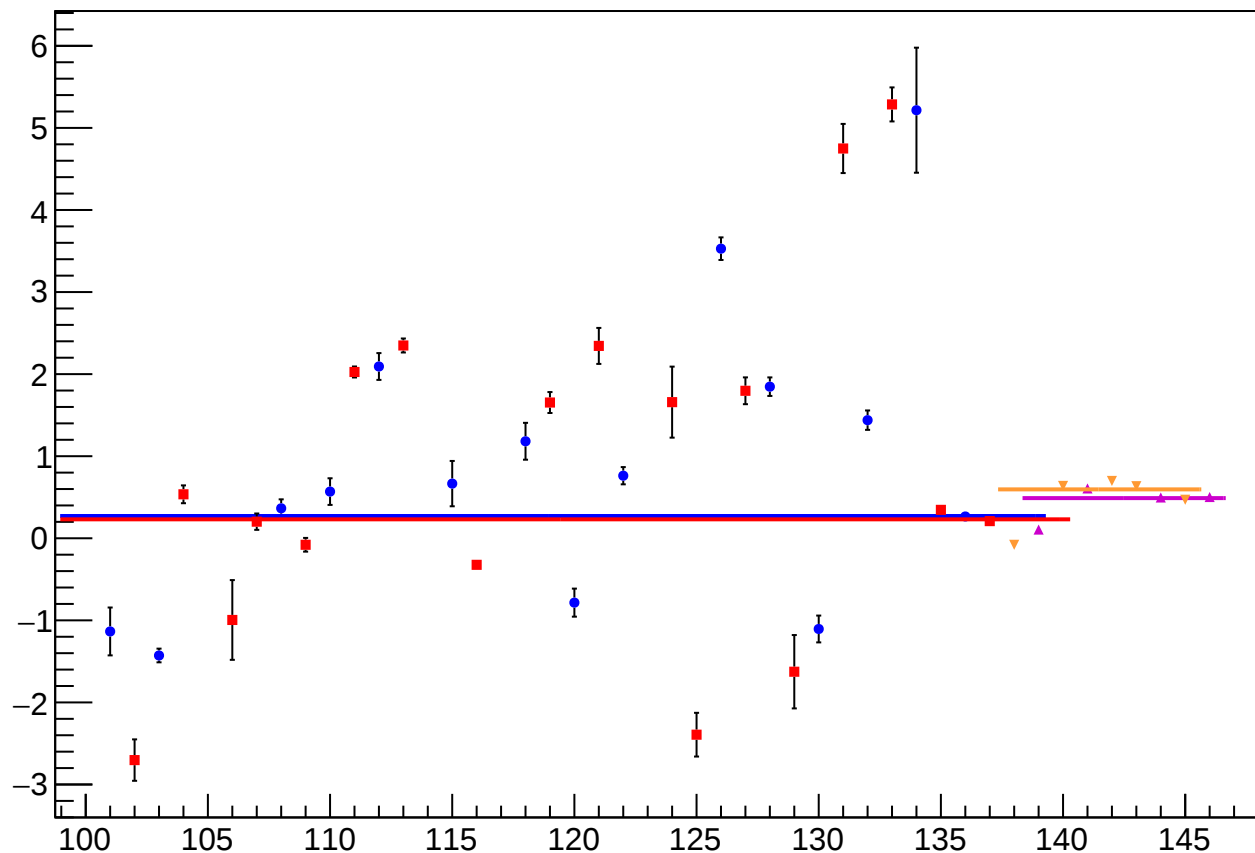
Right: -110.271+/-0.046 χ^2/NDF : 16412.2/32

In: -106.410+/-0.102 χ^2/NDF : 7341.1/18

Out: -110.980+/-0.050 χ^2/NDF : 20549.4/22

All: -110.103+/-0.045 χ^2/NDF : 29525.8/41

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 $\pm$ 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.596 $\pm$ 0.006 χ^2/NDF :896.5/4

Right Out: 0.231 $\pm$ 0.004 χ^2/NDF : 2907.8/17

Left In: 0.489 $\pm$ 0.004 χ^2/NDF :2396.6/3

Left: 0.518 $\pm$ 0.003 χ^2/NDF : 3518.5/8

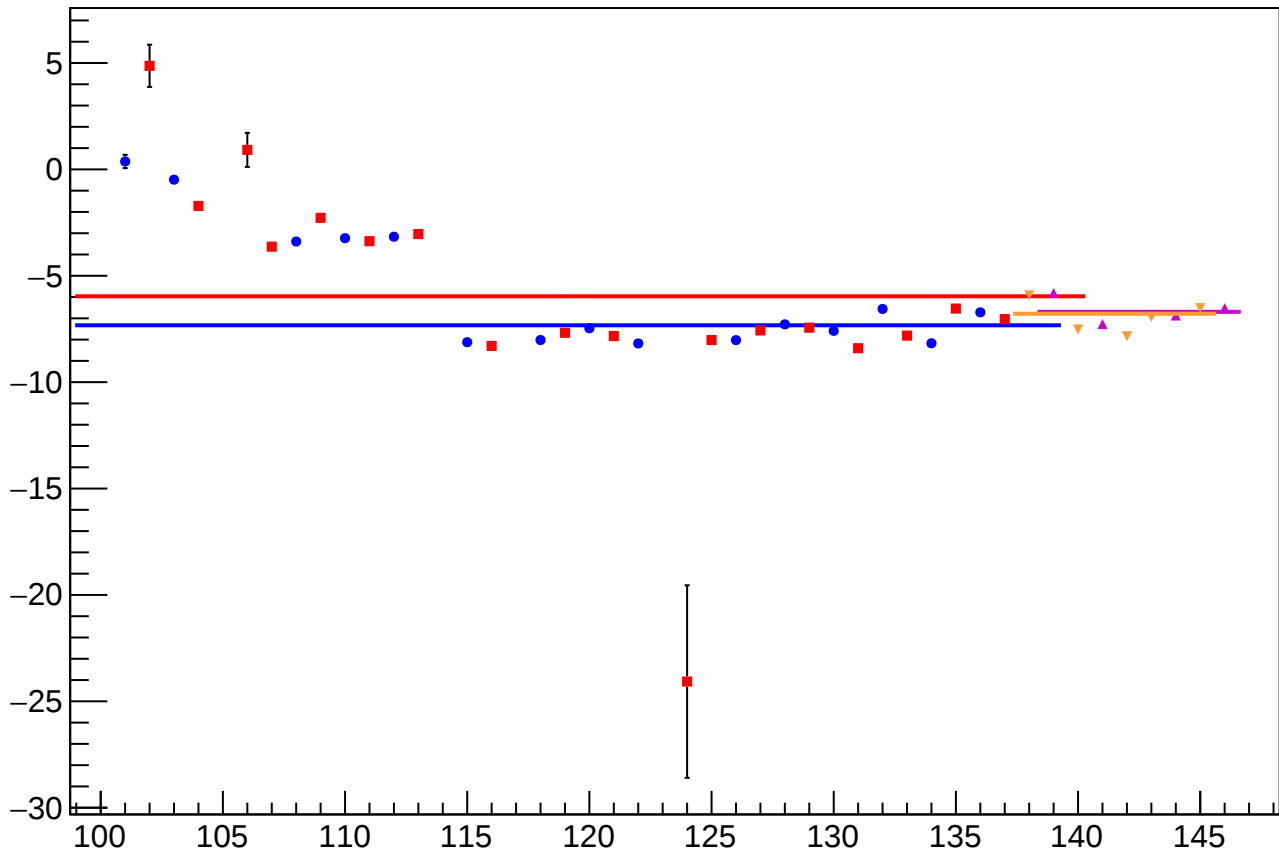
Right: 0.247 $\pm$ 0.003 χ^2/NDF : 4554.2/32

In: 0.420 $\pm$ 0.003 χ^2/NDF :5152.1/18

Out: 0.357 $\pm$ 0.004 χ^2/NDF :6164.1/22

All: 0.394 $\pm$ 0.002 χ^2/NDF : 11496.1/41

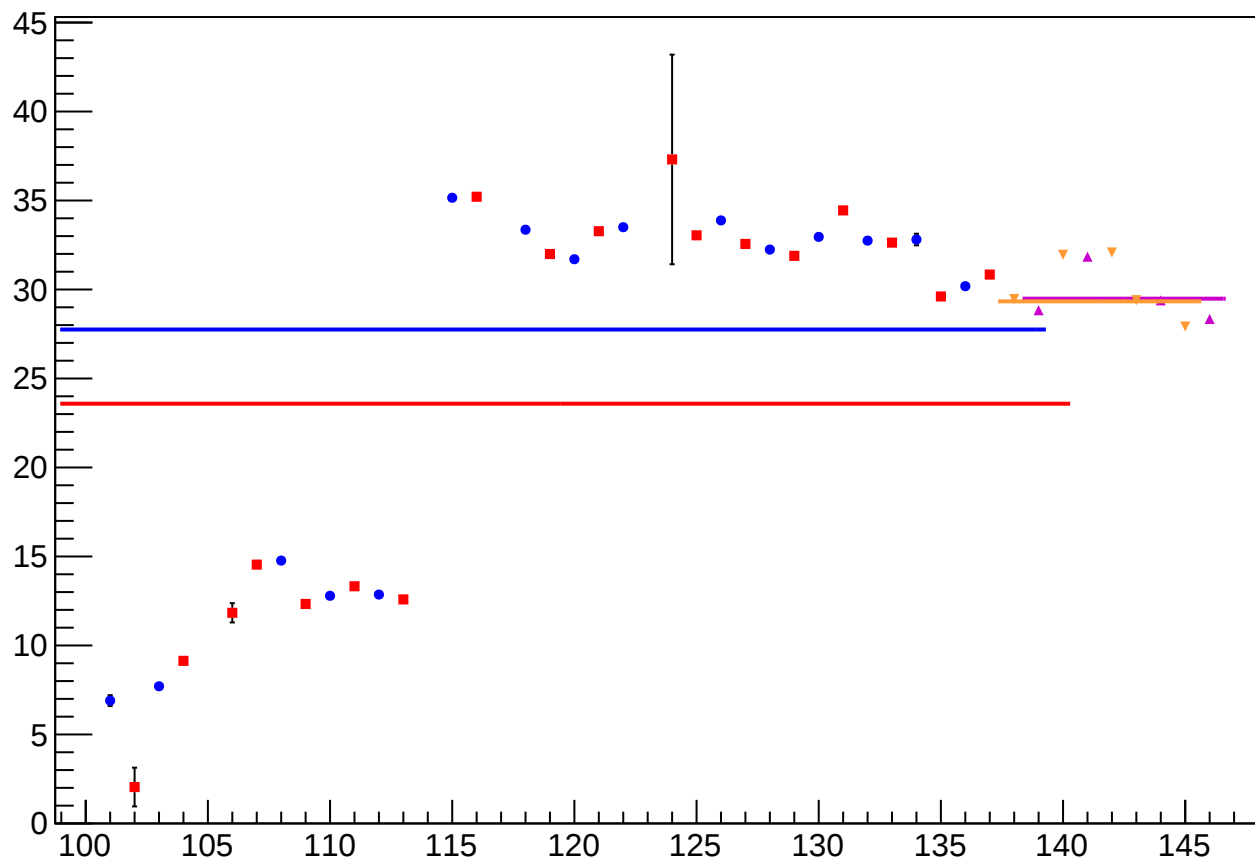
dit_sam3_4aY_slope vs Slug, Sign Corrected



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: -6.693 ± 0.010 χ^2/NDF : 2688.2/3

Left: -6.728 ± 0.008 χ^2/NDF : 4135.3/8
 Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32
 In: -7.057 ± 0.006 χ^2/NDF : 35614.5/18
 Out: -6.234 ± 0.007 χ^2/NDF : 76102.5/22
 All: -6.696 ± 0.005 χ^2/NDF : 119080.0/41

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.335 $\pm$ 0.022 χ^2/NDF : 5576.1/4

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.485 $\pm$ 0.027 χ^2/NDF : 1392.1/3

Left: 29.394 $\pm$ 0.017 χ^2/NDF : 6986.4/8

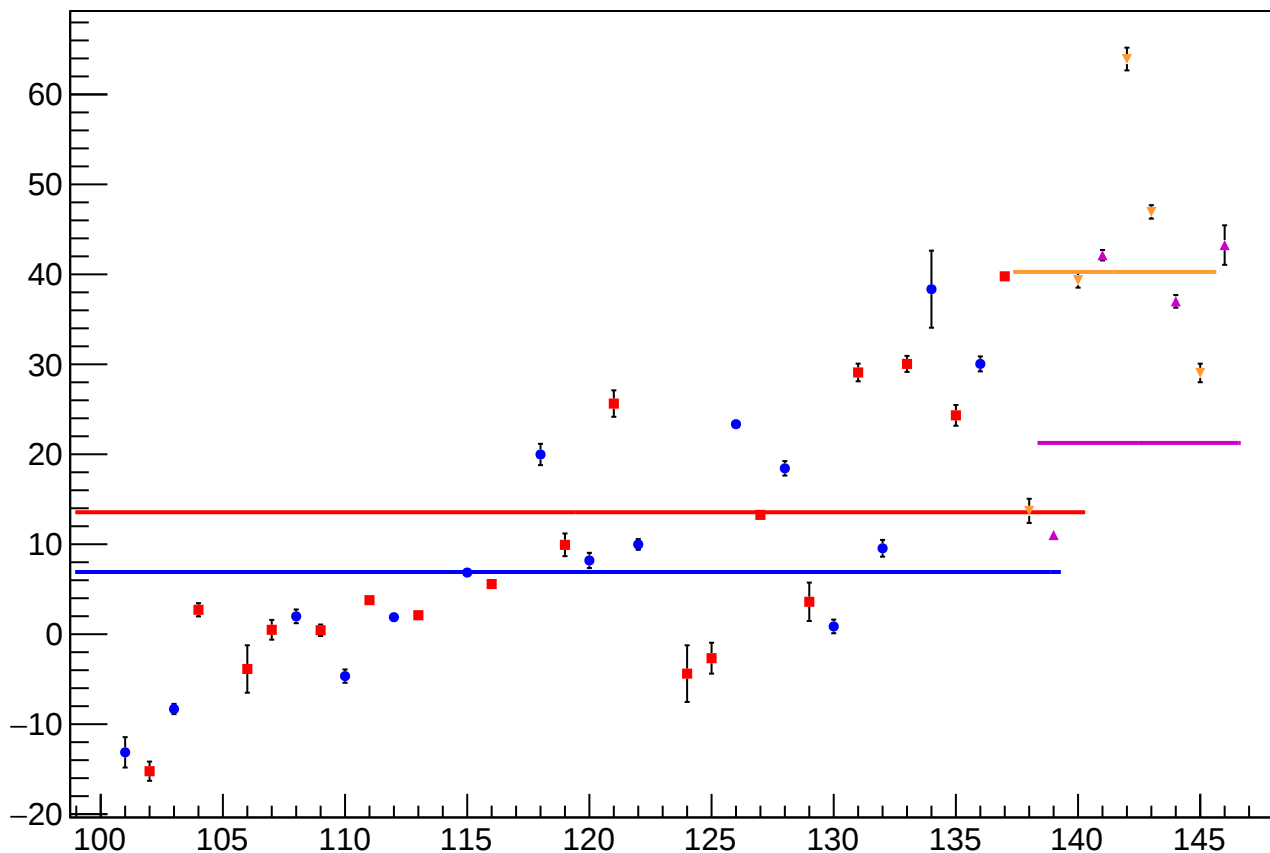
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.152 $\pm$ 0.013 χ^2/NDF : 337384.2/18

Out: 25.191 $\pm$ 0.012 χ^2/NDF : 594302.1/22

All: 26.488 $\pm$ 0.009 χ^2/NDF : 960023.4/41

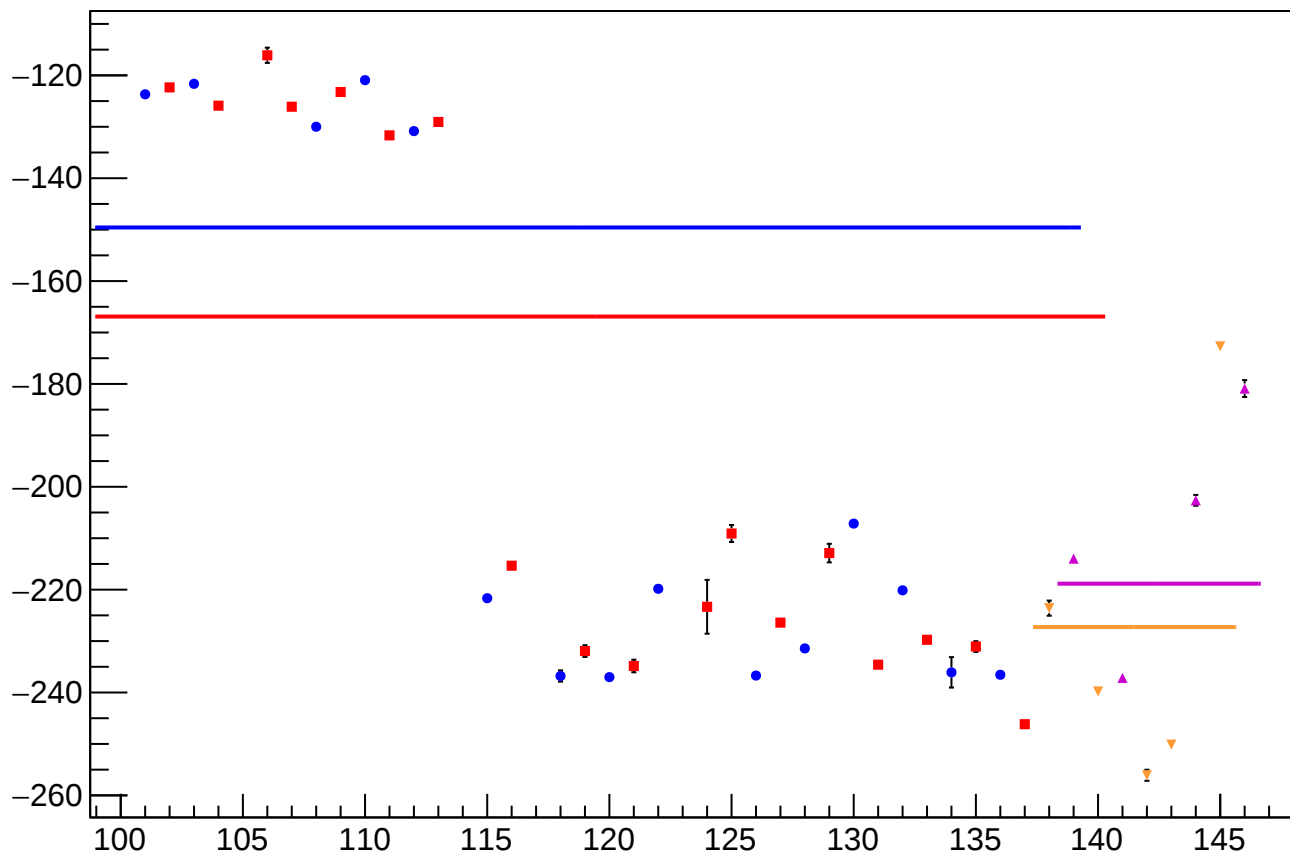
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2 /NDF: 3503.2/14
 Left Out: 40.270 $\pm$ 0.433 χ^2 /NDF:940.6/4
 Right Out: 13.557 $\pm$ 0.145 χ^2 /NDF: 11657.2/17
 Left In: 21.264 $\pm$ 0.260 χ^2 /NDF:2908.9/3

Left: 26.279 $\pm$ 0.223 χ^2 /NDF: 5264.6/8
 Right: 10.880 $\pm$ 0.112 χ^2 /NDF: 16004.9/32
 In: 11.455 $\pm$ 0.146 χ^2 /NDF:8501.3/18
 Out: 16.247 $\pm$ 0.138 χ^2 /NDF:16012.8/22
 All: 13.993 $\pm$ 0.100 χ^2 /NDF: 25084.9/41

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: -218.838+/-0.232 χ^2/NDF : 2689.3/3

Left: -221.369+/-0.194 χ^2/NDF : 11150.0/8

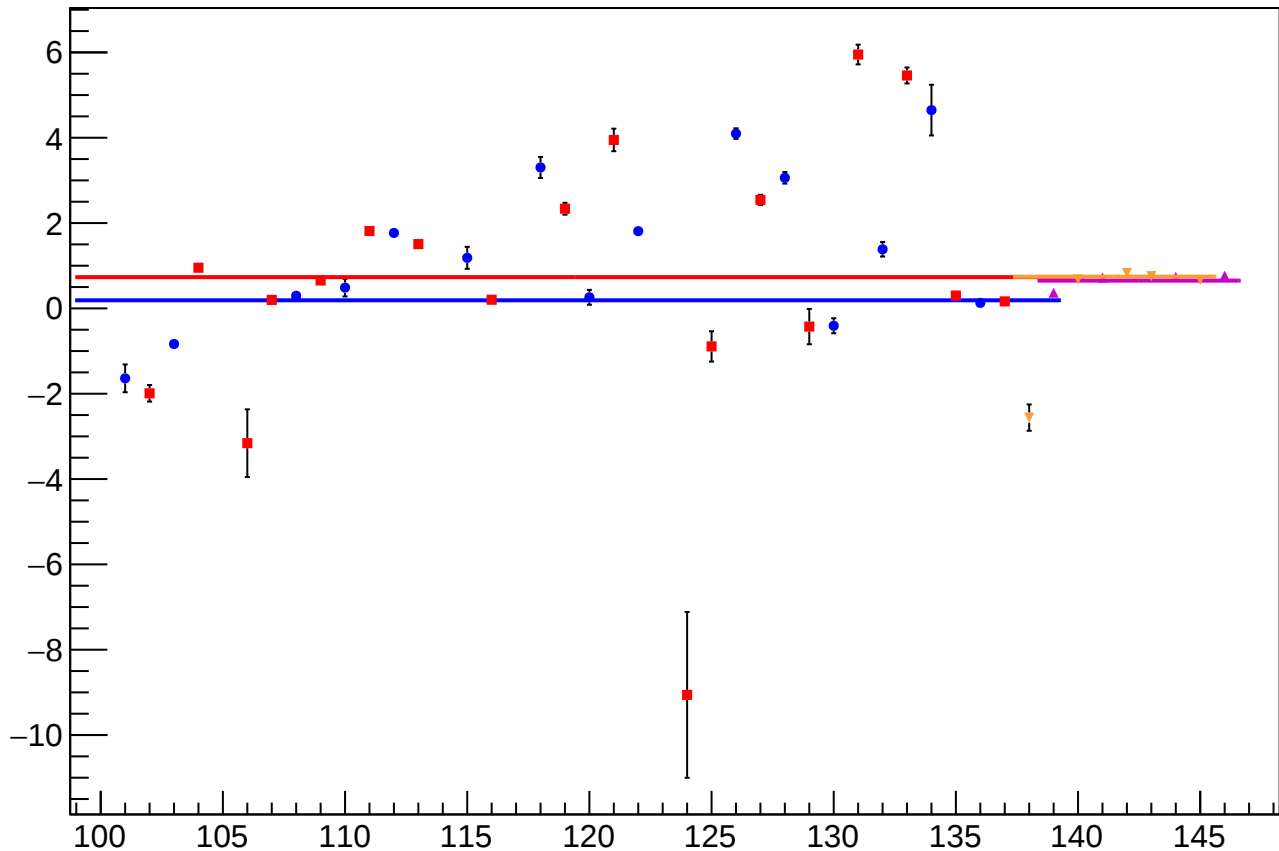
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -160.565+/-0.093 χ^2/NDF : 272549.4/18

Out: -171.391+/-0.097 χ^2/NDF : 330359.2/22

All: -165.735+/-0.067 χ^2/NDF : 609446.4/41

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190+/-0.009 χ^2/NDF : 2727.5/14

Left Out: 0.743+/-0.008 χ^2/NDF :162.3/4

Right Out: 0.733+/-0.020 χ^2/NDF : 2666.9/17

Left In: 0.651+/-0.006 χ^2/NDF :769.8/3

Left: 0.679+/-0.005 χ^2/NDF : 1018.8/8

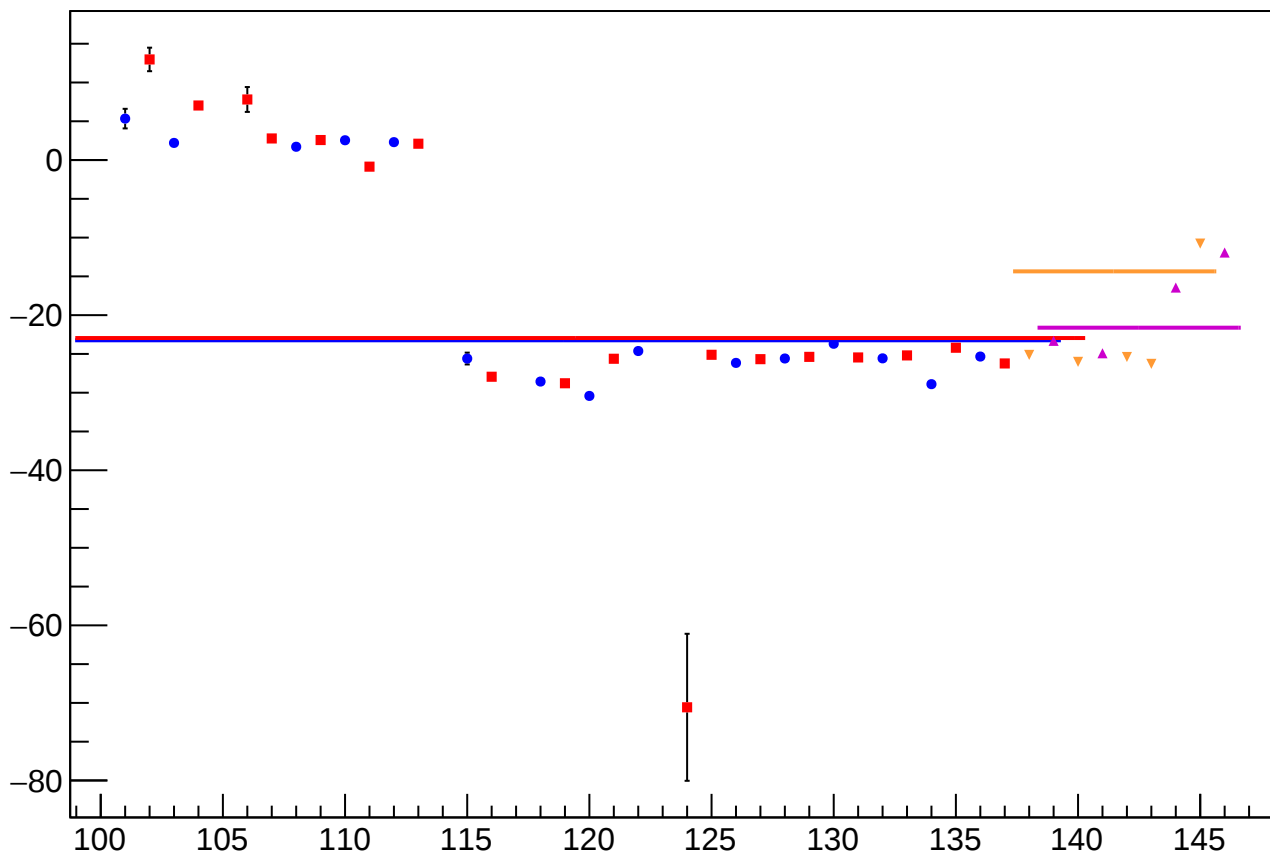
Right: 0.276+/-0.008 χ^2/NDF : 6029.4/32

In: 0.516+/-0.005 χ^2/NDF :5524.0/18

Out: 0.741+/-0.008 χ^2/NDF :2829.4/22

All: 0.577+/-0.004 χ^2/NDF : 8995.7/41

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -14.354 ± 0.023 $\chi^2/\text{NDF}: 79554.9/4$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.617 ± 0.054 $\chi^2/\text{NDF}: 7660.9/3$

Left: -15.448 ± 0.021 $\chi^2/\text{NDF}: 102752.1/8$

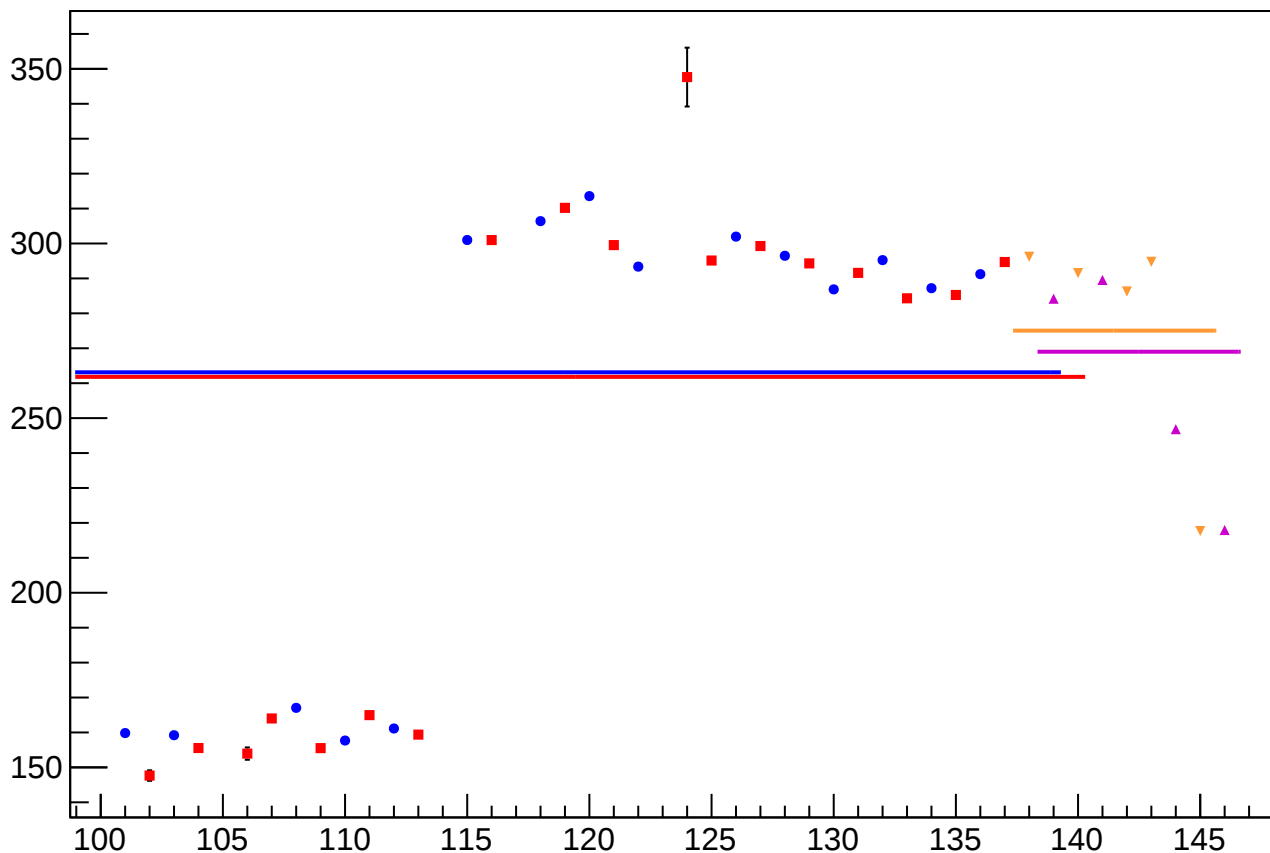
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.956 ± 0.022 $\chi^2/\text{NDF}: 111518.3/18$

Out: -18.275 ± 0.017 $\chi^2/\text{NDF}: 253532.5/22$

All: -19.936 ± 0.013 $\chi^2/\text{NDF}: 393011.7/41$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 275.049 $\pm$ 0.078 χ^2 /NDF:164802.8/4

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 269.009 $\pm$ 0.165 χ^2 /NDF:32311.4/3

Left: 273.940 $\pm$ 0.071 χ^2 /NDF: 198205.7/8

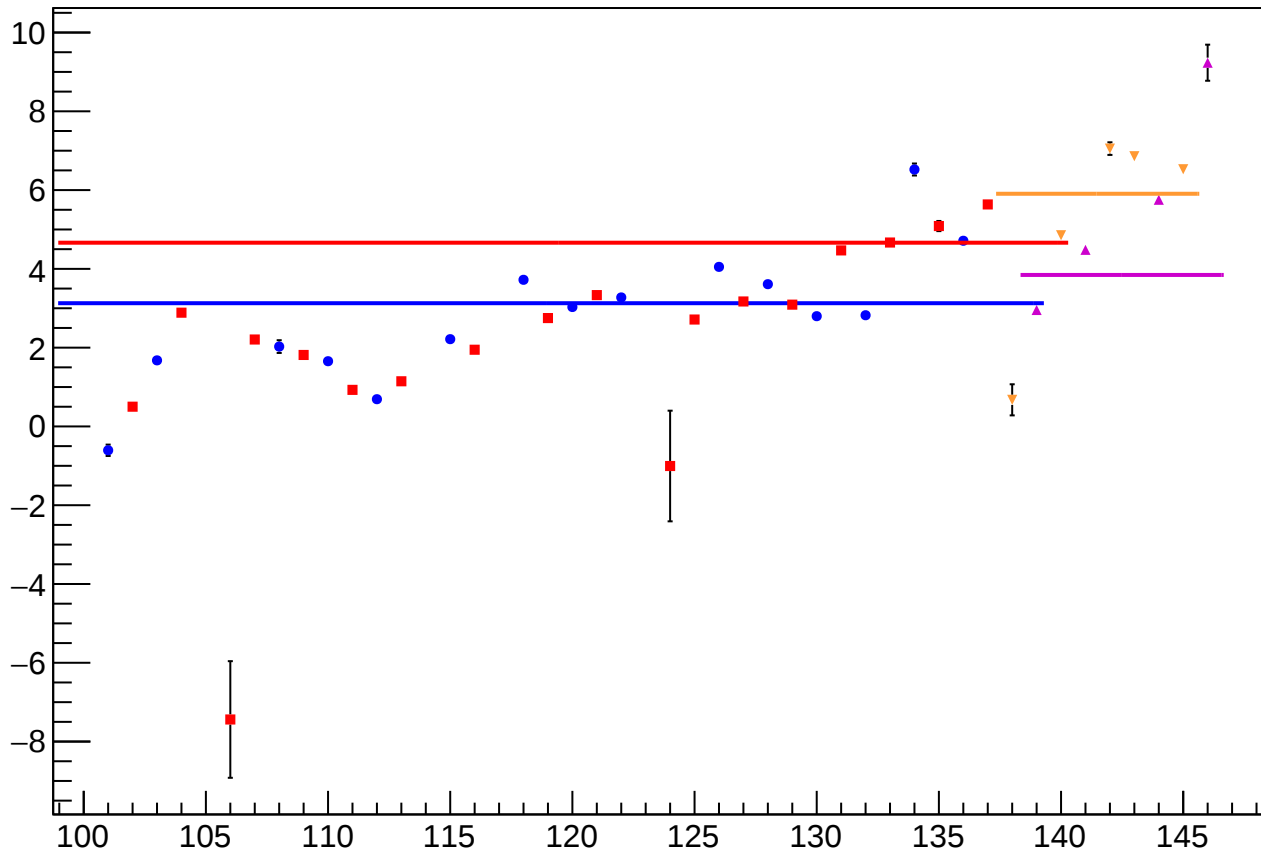
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 263.997 $\pm$ 0.064 χ^2 /NDF:726278.6/18

Out: 266.754 $\pm$ 0.048 χ^2 /NDF:1188889.8/22

All: 265.760 $\pm$ 0.038 χ^2 /NDF: 1916365.4/41

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.907 ± 0.051 $\chi^2/\text{NDF}: 518.3/4$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 3.846 ± 0.028 $\chi^2/\text{NDF}: 1439.4/3$

Left: 4.320 ± 0.025 $\chi^2/\text{NDF}: 3199.8/8$

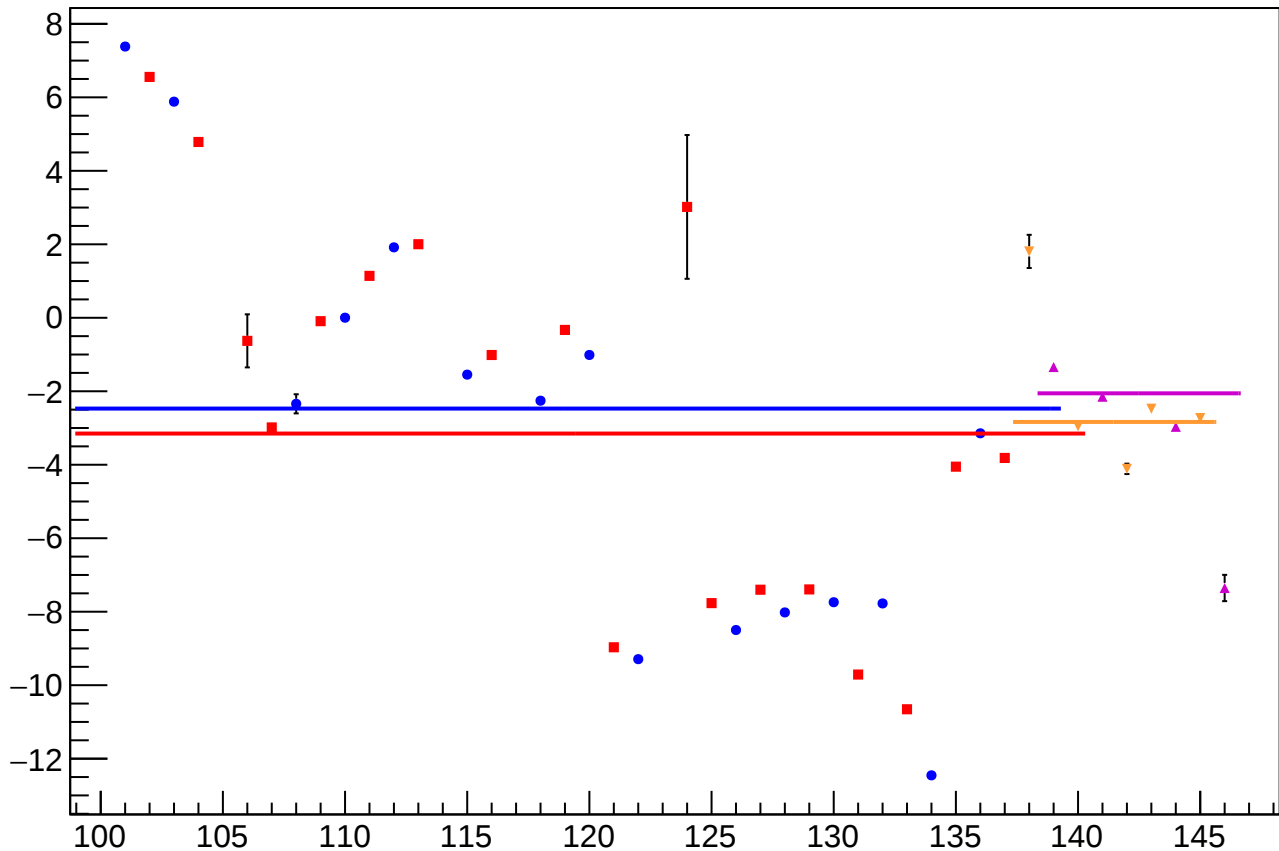
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.301 ± 0.014 $\chi^2/\text{NDF}: 7604.7/18$

Out: 4.683 ± 0.006 $\chi^2/\text{NDF}: 67958.0/22$

All: 4.443 ± 0.006 $\chi^2/\text{NDF}: 83931.0/41$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: -2.835 ± 0.042 χ^2/NDF : 209.7/4

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: -2.056 ± 0.029 χ^2/NDF : 651.0/3

Left: -2.307 ± 0.024 χ^2/NDF : 1096.5/8

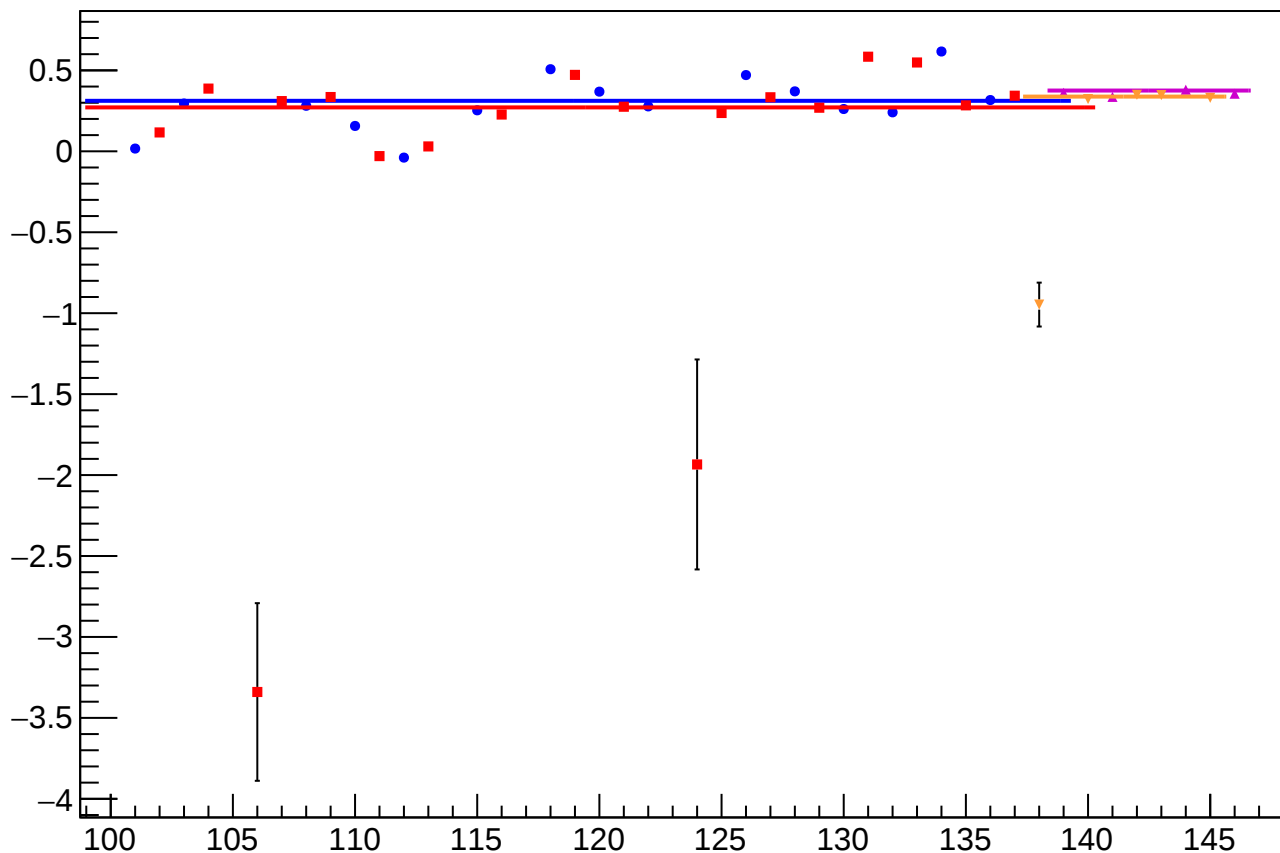
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -2.391 ± 0.013 χ^2/NDF : 243398.5/18

Out: -3.141 ± 0.007 χ^2/NDF : 247692.9/22

All: -2.953 ± 0.006 χ^2/NDF : 493726.3/41

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.338 ± 0.002 $\chi^2/\text{NDF}: 141.0/4$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.375 ± 0.001 $\chi^2/\text{NDF}: 78.0/3$

Left: 0.358 ± 0.001 $\chi^2/\text{NDF}: 535.1/8$

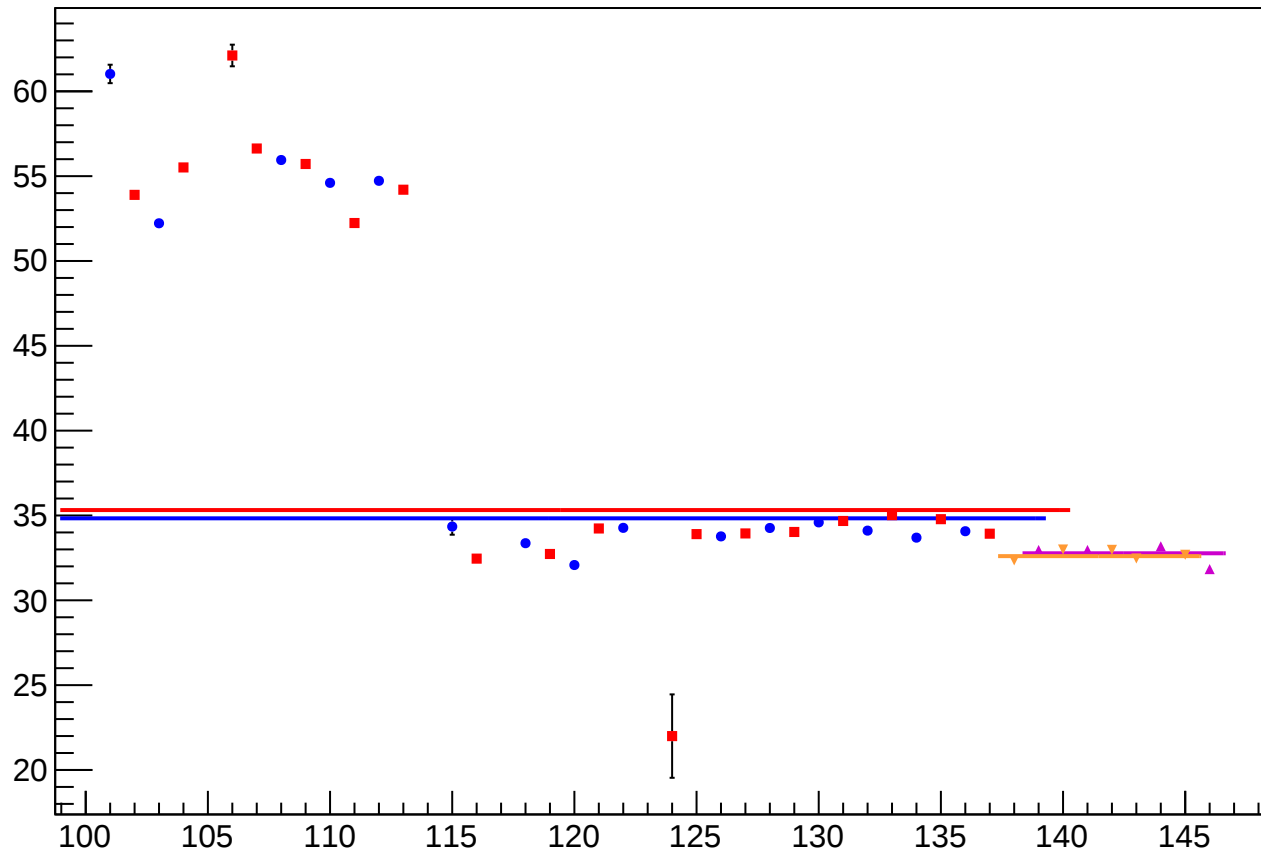
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2485.9/18$

Out: 0.315 ± 0.001 $\chi^2/\text{NDF}: 6940.9/22$

All: 0.331 ± 0.001 $\chi^2/\text{NDF}: 9685.6/41$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.604+/-0.012 χ^2/NDF :307.1/4

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.771+/-0.014 χ^2/NDF :1412.0/3

Left: 32.676+/-0.009 χ^2/NDF : 1800.6/8

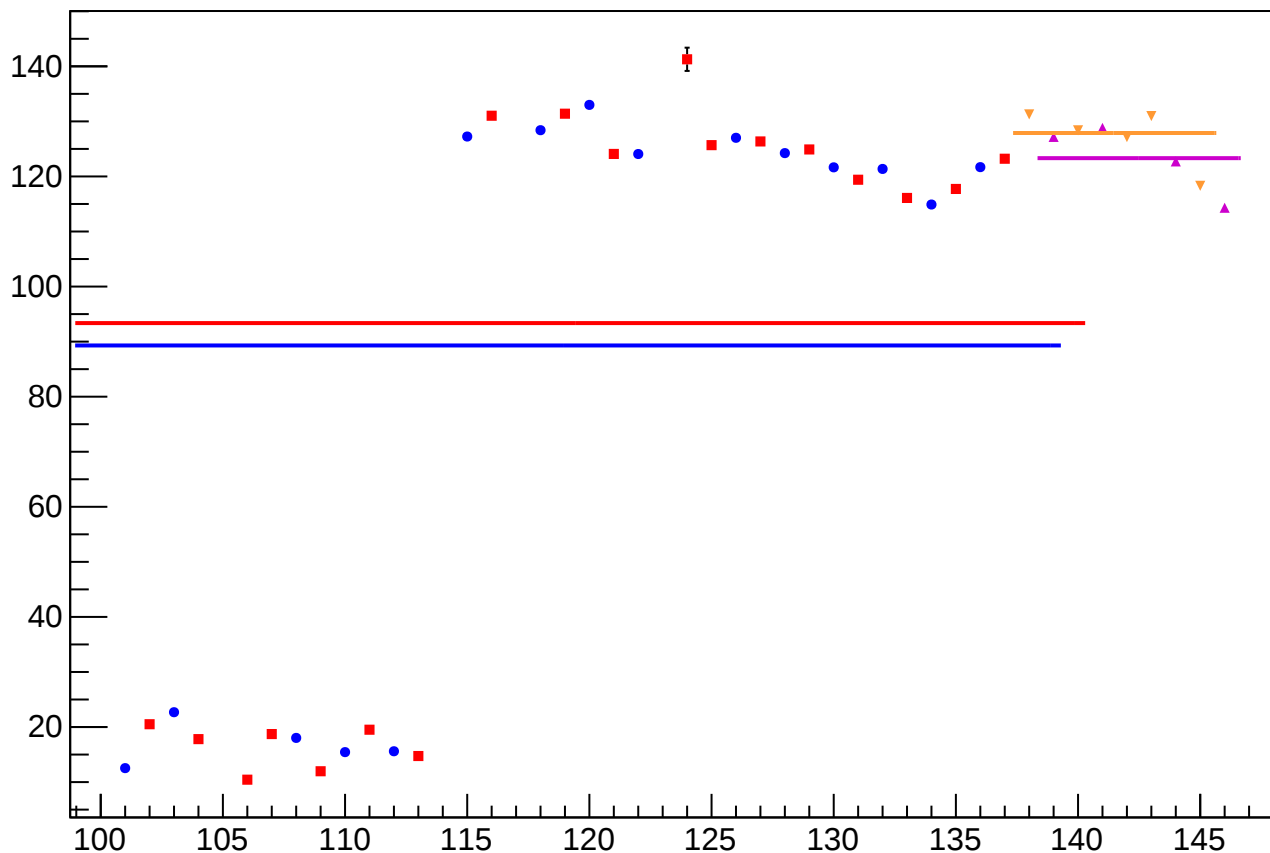
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.265+/-0.007 χ^2/NDF :262684.4/18

Out: 34.231+/-0.008 χ^2/NDF :291615.9/22

All: 34.249+/-0.005 χ^2/NDF : 554310.6/41

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 127.891+/-0.036 χ^2/NDF :13504.4/4

Right Out: 93.367+/-0.030 χ^2/NDF : 2852493.6/17

Left In: 123.322+/-0.051 χ^2/NDF :13926.4/3

Left: 126.372+/-0.029 χ^2/NDF : 32796.5/8

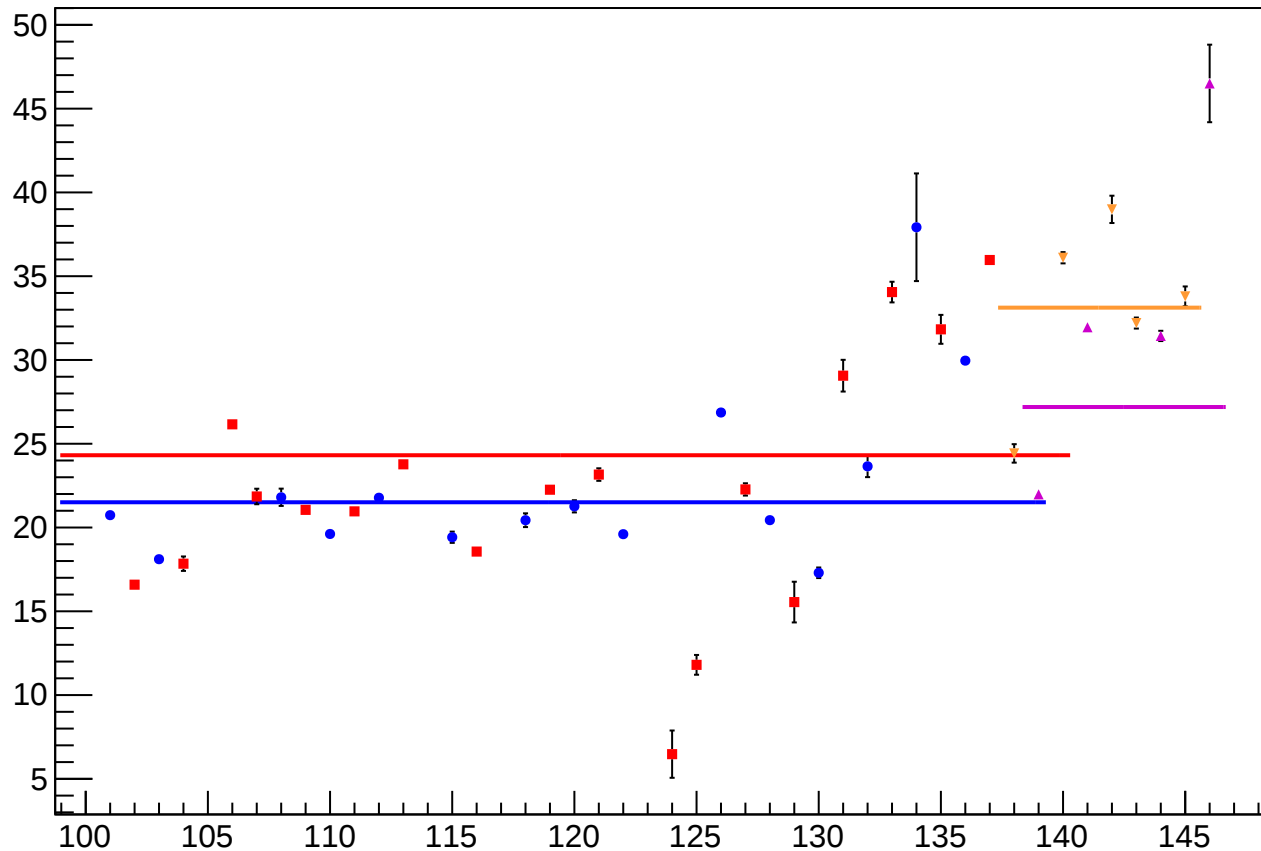
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 96.948+/-0.024 χ^2/NDF :3393942.0/18

Out: 107.499+/-0.023 χ^2/NDF :3410220.2/22

All: 102.480+/-0.017 χ^2/NDF : 6904168.2/41

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 33.123 $\pm$ 0.197 χ^2 /NDF:388.6/4

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 27.192 $\pm$ 0.143 χ^2 /NDF:1235.3/3

Left: 29.229 $\pm$ 0.116 χ^2 /NDF: 2218.3/8

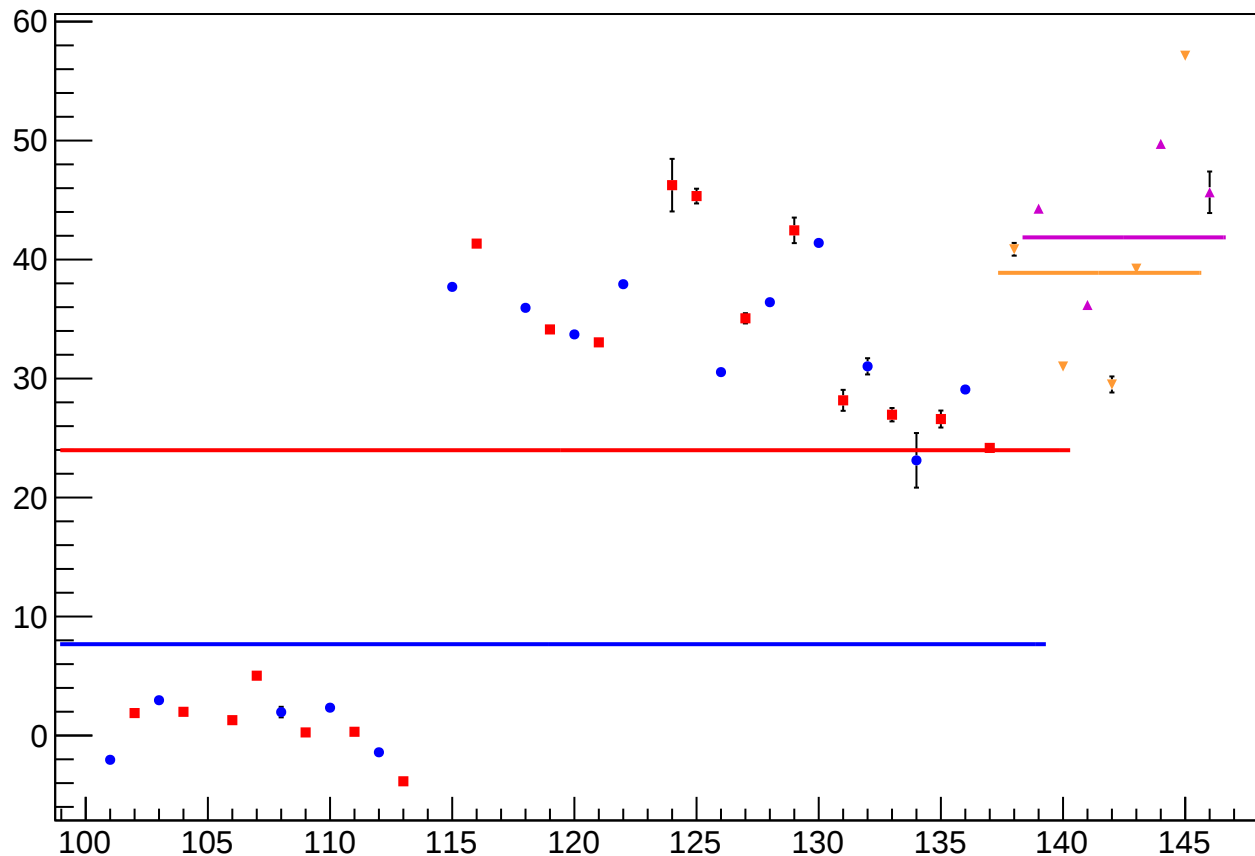
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.671 $\pm$ 0.064 χ^2 /NDF:5463.1/18

Out: 25.026 $\pm$ 0.056 χ^2 /NDF:16519.7/22

All: 24.013 $\pm$ 0.042 χ^2 /NDF: 22742.6/41

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 38.886 $\pm$ 0.167 χ^2 /NDF:2792.5/4

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 41.865 $\pm$ 0.125 χ^2 /NDF:1397.0/3

Left: 40.795 $\pm$ 0.100 χ^2 /NDF: 4394.7/8

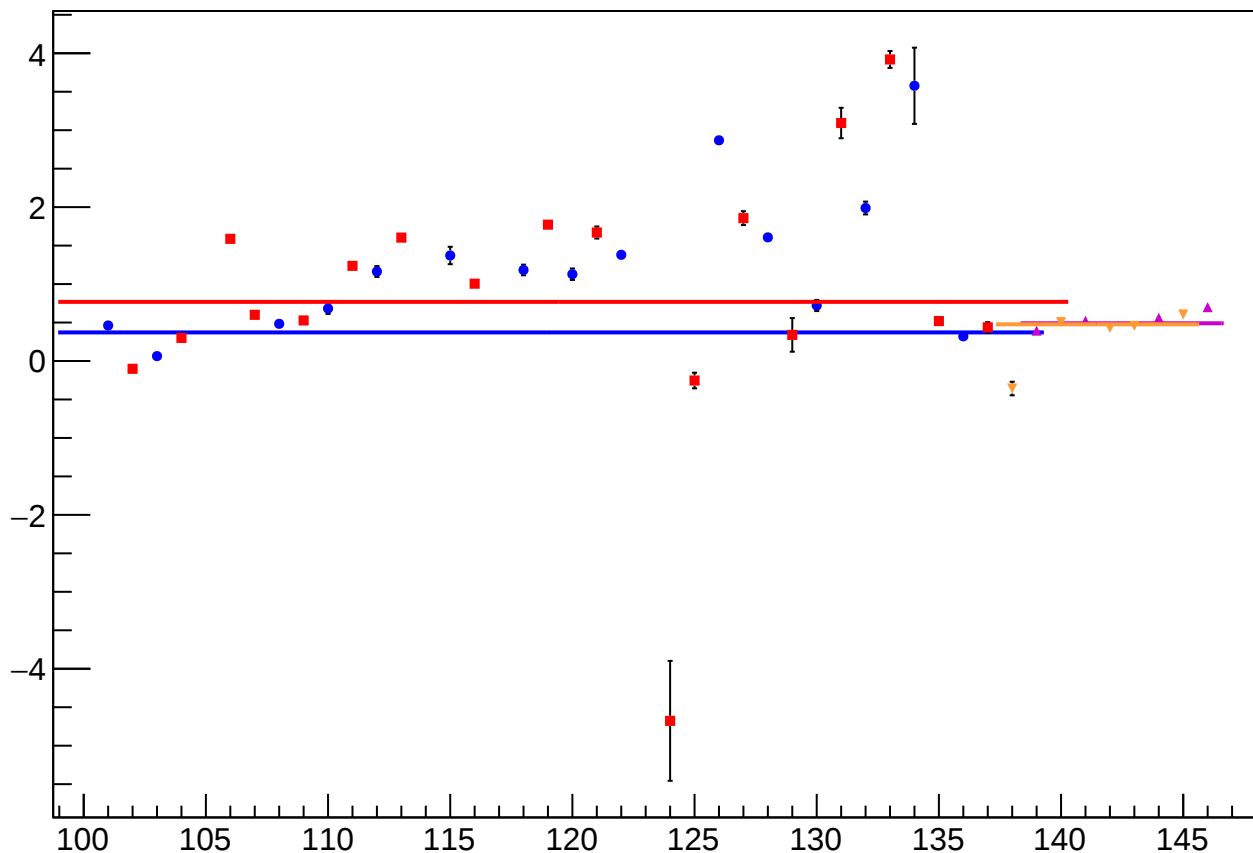
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 11.654 $\pm$ 0.043 χ^2 /NDF:164329.5/18

Out: 24.013 $\pm$ 0.008 χ^2 /NDF:121349.4/22

All: 23.573 $\pm$ 0.008 χ^2 /NDF: 367148.7/41

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.477+/-0.003 χ^2/NDF :235.3/4

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.490+/-0.003 χ^2/NDF :604.9/3

Left: 0.484+/-0.002 χ^2/NDF : 850.7/8

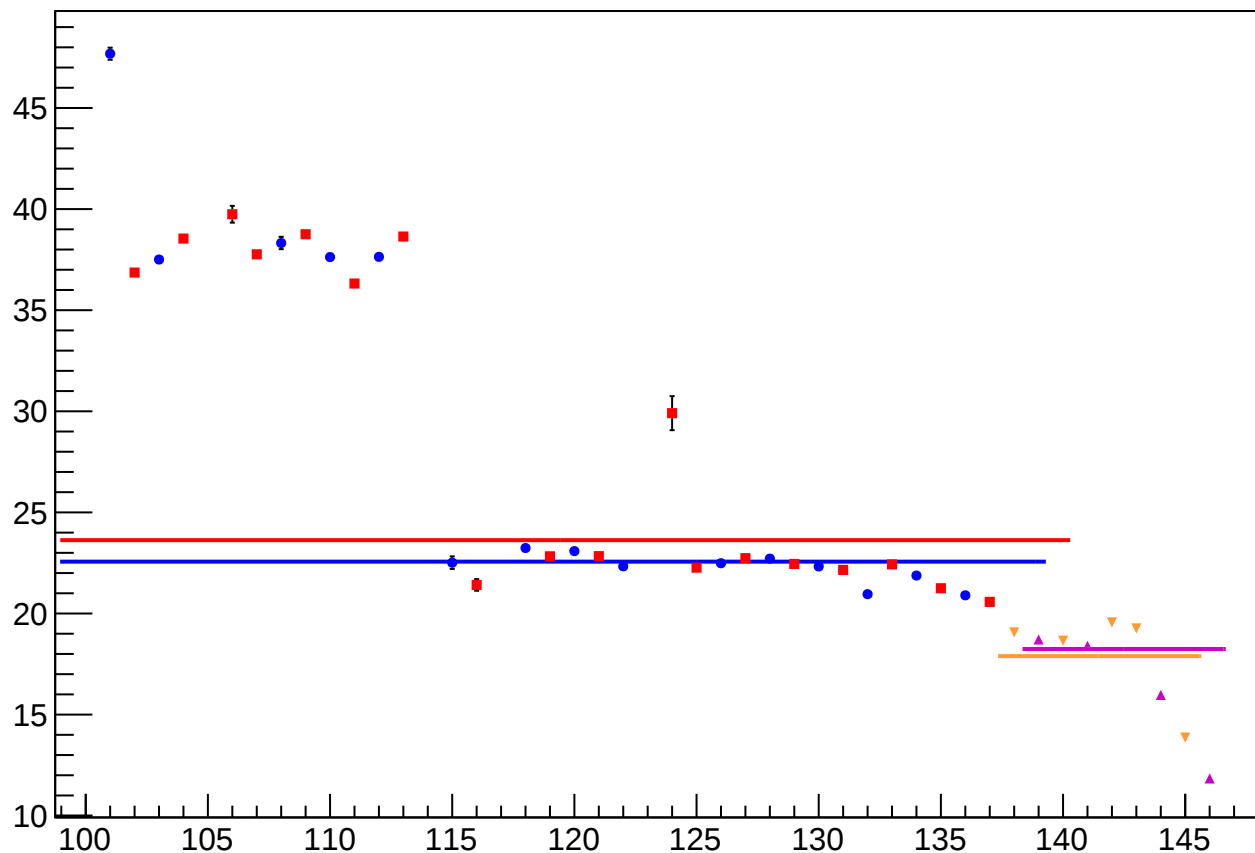
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.454+/-0.002 χ^2/NDF :5870.7/18

Out: 0.520+/-0.003 χ^2/NDF :5880.3/22

All: 0.484+/-0.002 χ^2/NDF : 12088.6/41

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 χ^2/NDF : 92859.1/14

Left Out: 17.892 ± 0.012 χ^2/NDF : 35377.3/4

Right Out: 23.627 ± 0.011 χ^2/NDF : 123194.1/17

Left In: 18.245 ± 0.019 χ^2/NDF : 4025.1/3

Left: 17.996 ± 0.010 χ^2/NDF : 39656.8/8

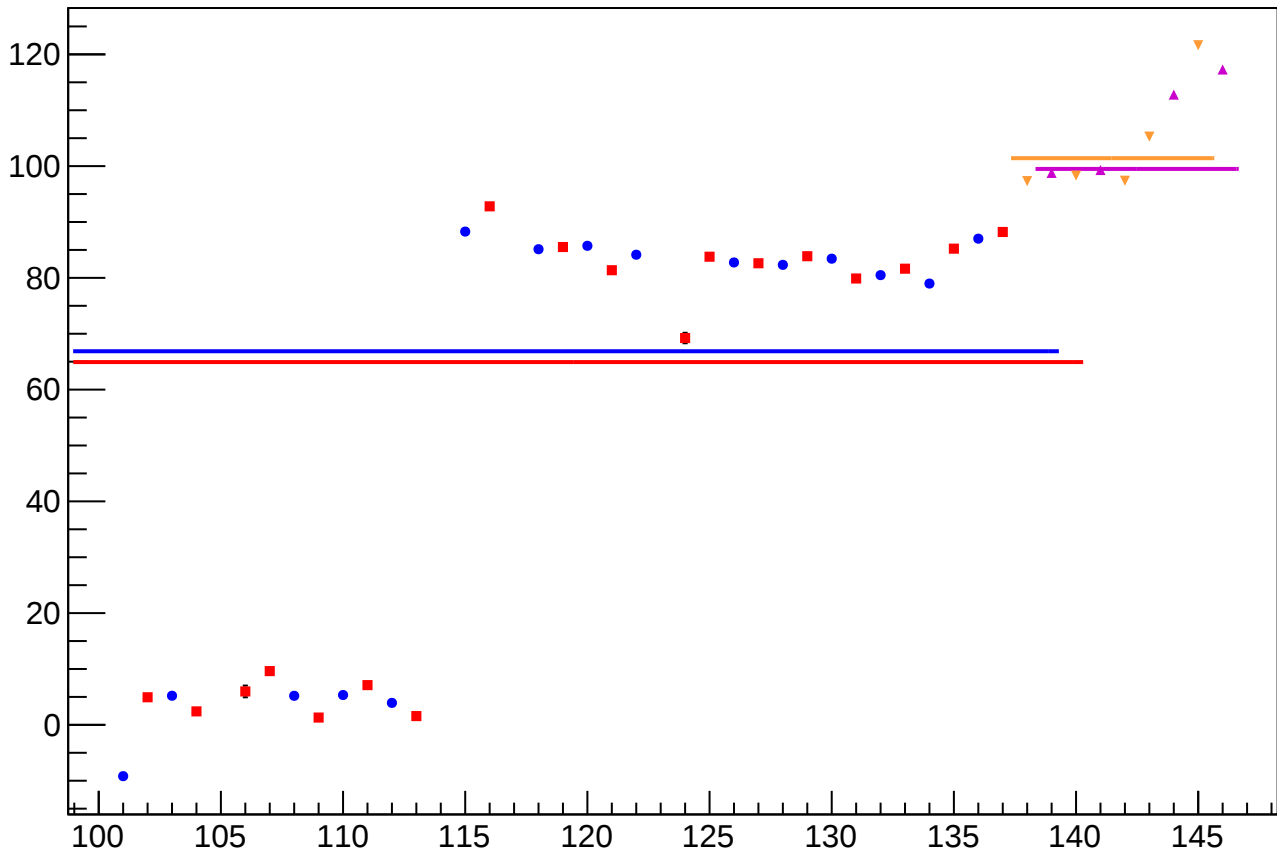
Right: 23.044 ± 0.008 χ^2/NDF : 220970.6/32

In: 21.569 ± 0.009 χ^2/NDF : 138448.4/18

Out: 20.944 ± 0.008 χ^2/NDF : 280739.9/22

All: 21.230 ± 0.006 χ^2/NDF : 421849.4/41

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 101.418+/-0.029 χ^2/NDF : 53614.1/4

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.499+/-0.032 χ^2/NDF : 4218.3/3

Left: 100.578+/-0.021 χ^2/NDF : 59804.3/8

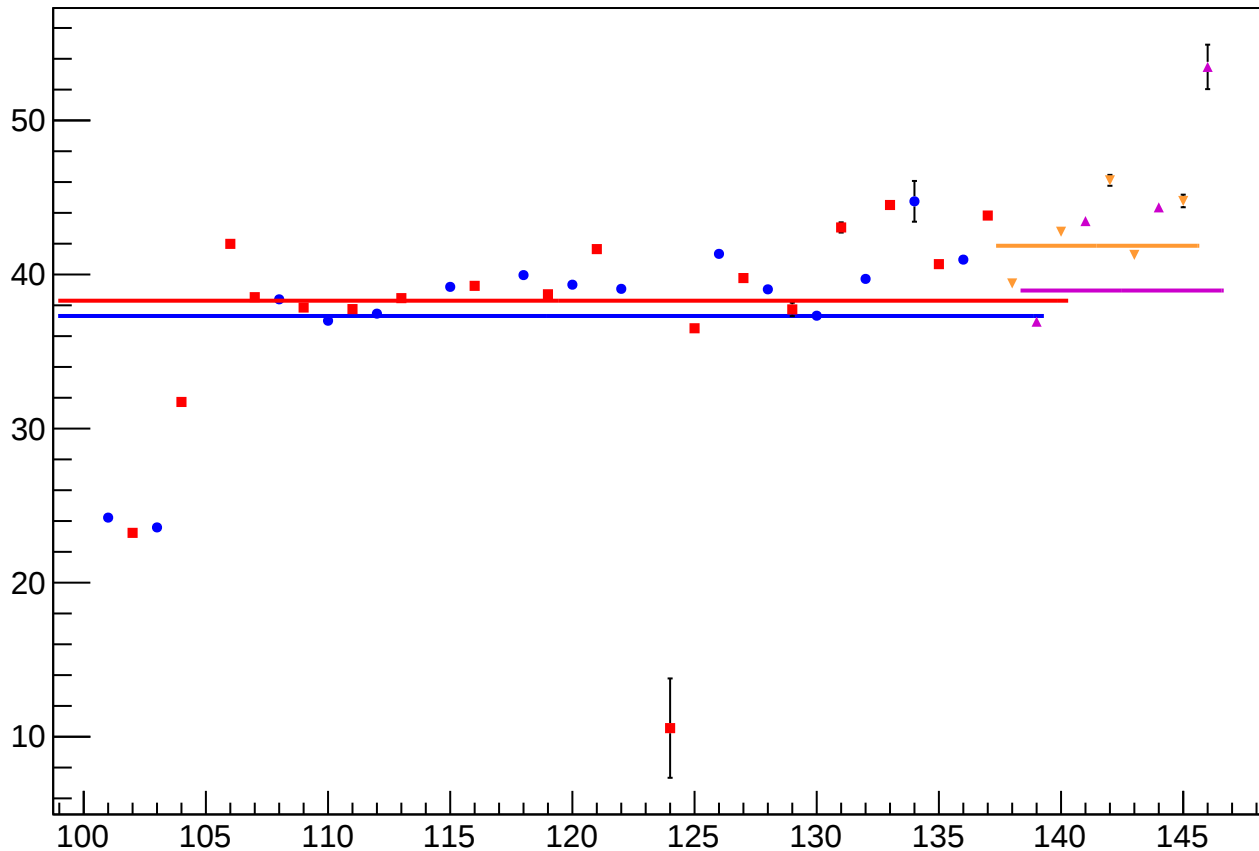
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 80.268+/-0.021 χ^2/NDF : 2095685.4/18

Out: 83.883+/-0.021 χ^2/NDF : 2170811.6/22

All: 82.090+/-0.015 χ^2/NDF : 4281758.9/41

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 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: 38.960 $\pm$ 0.058 χ^2 /NDF: 3001.6/3

Left: 39.976 $\pm$ 0.047 χ^2 /NDF: 4243.2/8

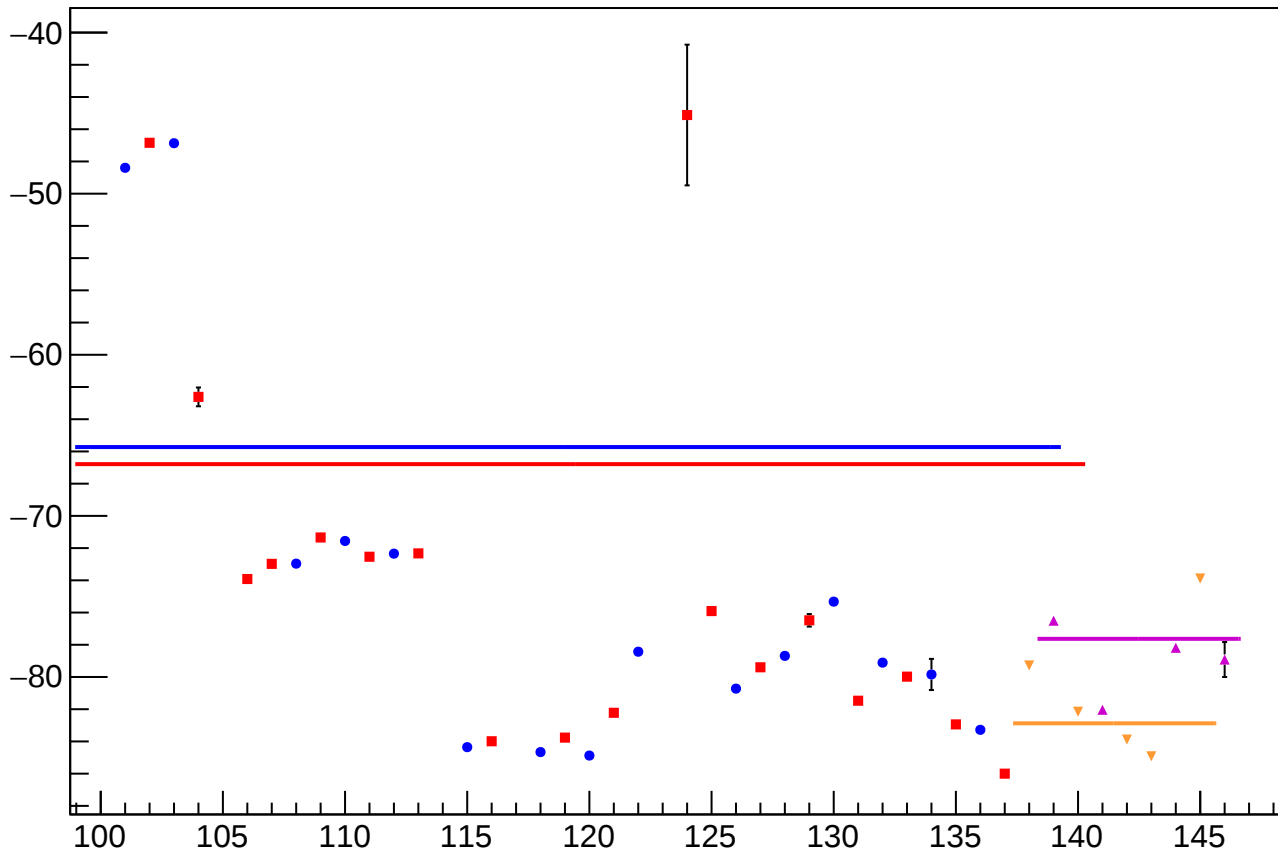
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.533 $\pm$ 0.021 χ^2 /NDF: 63280.9/18

Out: 38.524 $\pm$ 0.020 χ^2 /NDF: 21106.7/22

All: 38.067 $\pm$ 0.015 χ^2 /NDF: 85536.7/41

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -82.875 ± 0.067 $\chi^2/\text{NDF}: 1761.4/4$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.631 ± 0.046 $\chi^2/\text{NDF}: 2044.3/3$

Left: -79.297 ± 0.038 $\chi^2/\text{NDF}: 7962.6/8$

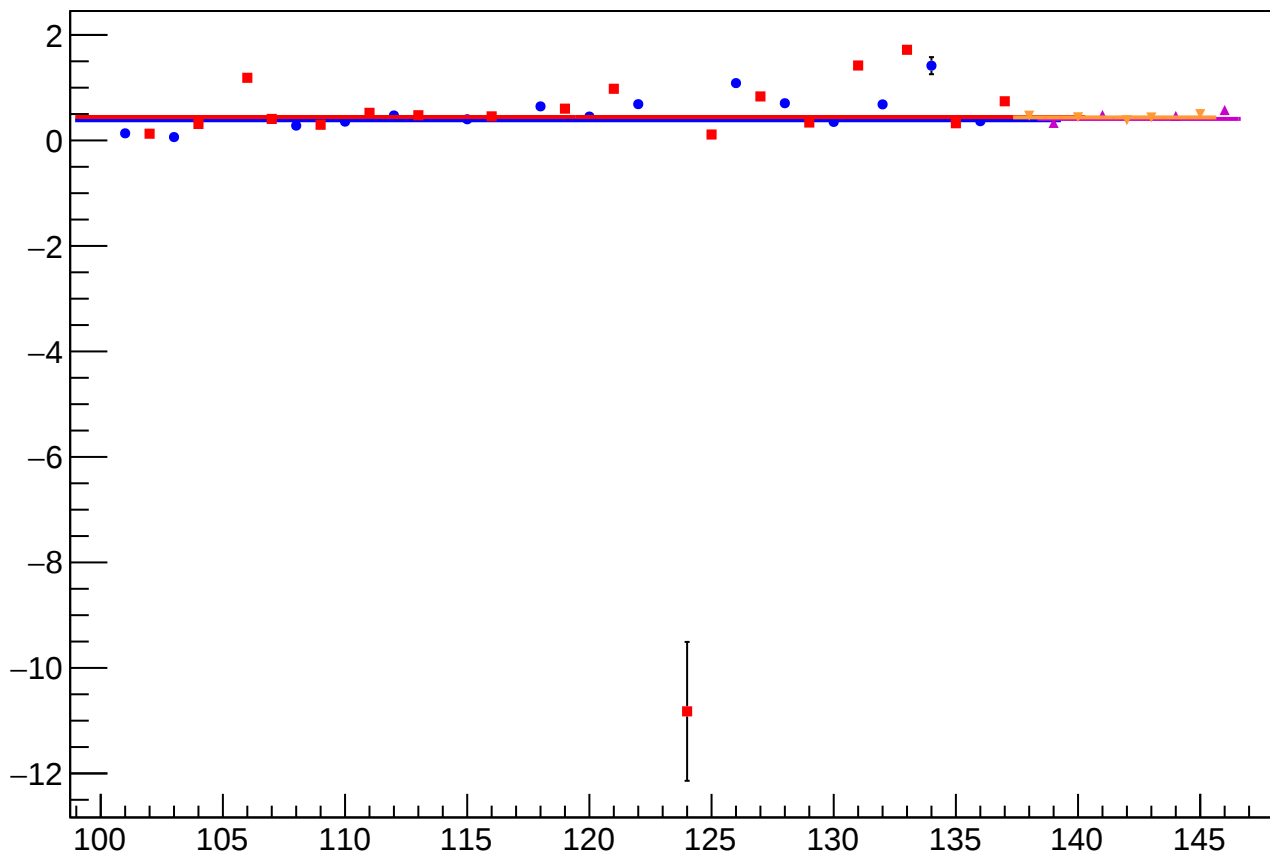
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.144 ± 0.016 $\chi^2/\text{NDF}: 964483.0/18$

Out: -67.632 ± 0.015 $\chi^2/\text{NDF}: 865432.5/22$

All: -67.395 ± 0.011 $\chi^2/\text{NDF}: 1830404.0/41$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.436 ± 0.002 $\chi^2/\text{NDF}: 83.3/4$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.408 ± 0.002 $\chi^2/\text{NDF}: 1993.6/3$

Left: 0.422 ± 0.001 $\chi^2/\text{NDF}: 2218.3/8$

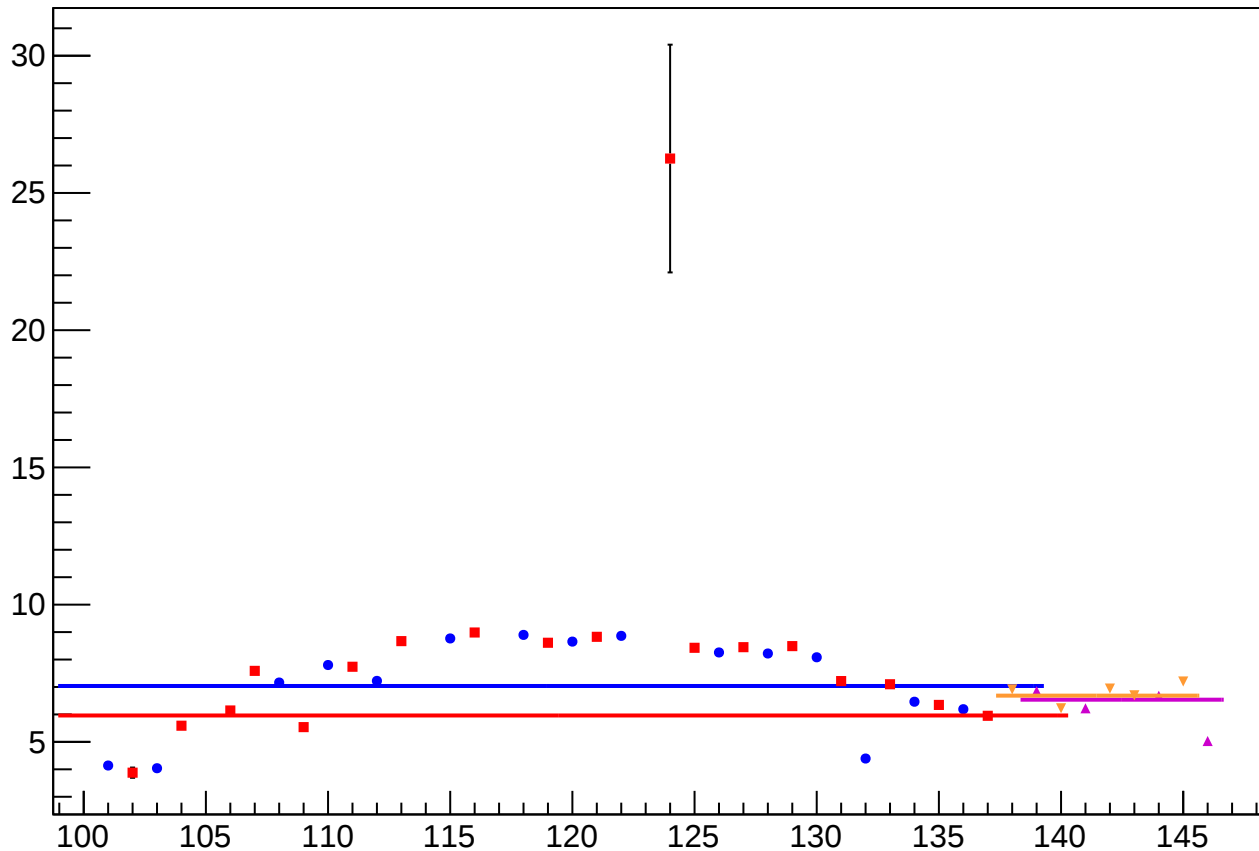
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 10268.8/18$

Out: 0.438 ± 0.002 $\chi^2/\text{NDF}: 2873.3/22$

All: 0.413 ± 0.001 $\chi^2/\text{NDF}: 13564.9/41$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.685 $\pm$ 0.005 χ^2 /NDF:3431.0/4

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.537 $\pm$ 0.005 χ^2 /NDF:3460.9/3

Left: 6.617 $\pm$ 0.003 χ^2 /NDF: 7383.0/8

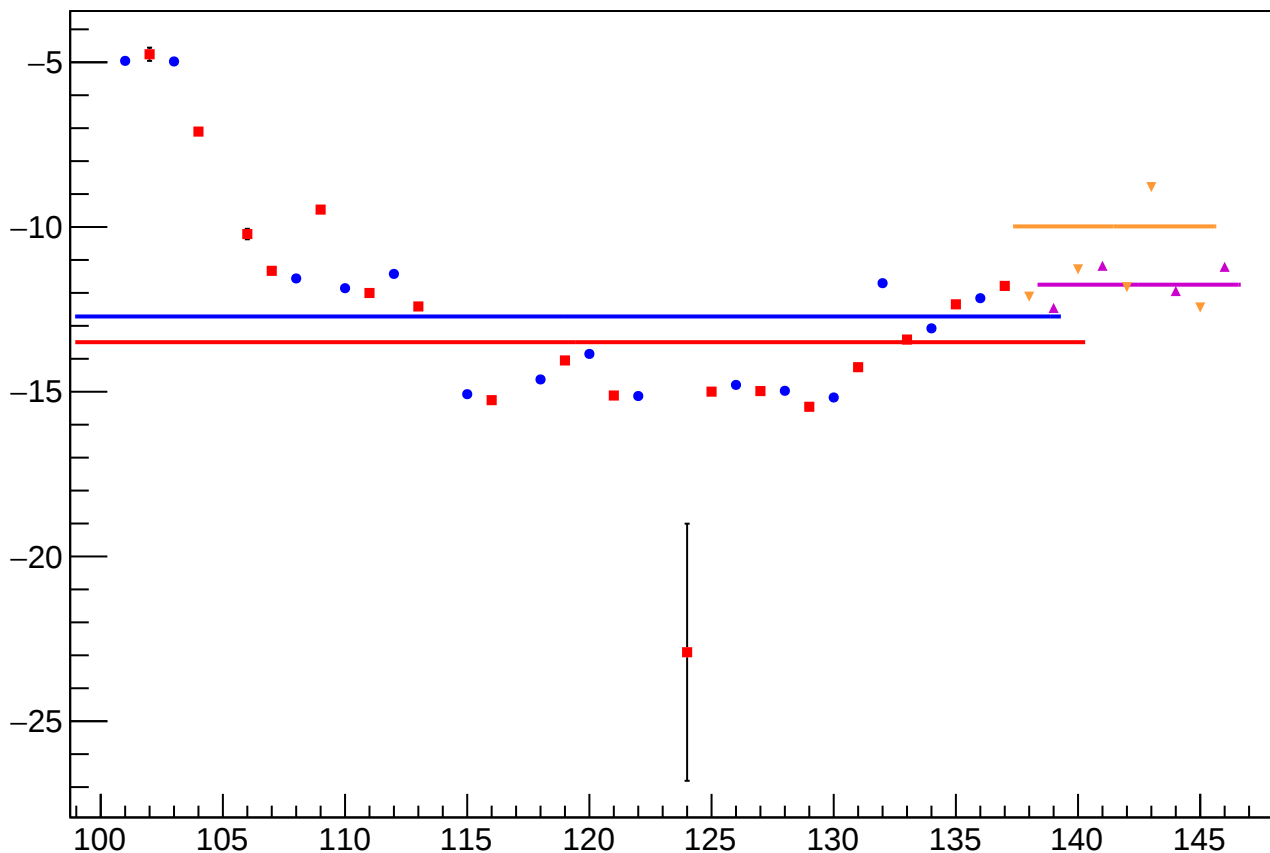
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.806 $\pm$ 0.003 χ^2 /NDF:78979.1/18

Out: 5.968 $\pm$ 0.000 χ^2 /NDF:197125.3/22

All: 5.980 $\pm$ 0.000 χ^2 /NDF: 338923.8/41

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -9.982 $\pm$ 0.005 χ^2 /NDF: 96170.4/4

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.751 $\pm$ 0.009 χ^2 /NDF: 3520.7/3

Left: -10.404 $\pm$ 0.004 χ^2 /NDF: 131309.7/8

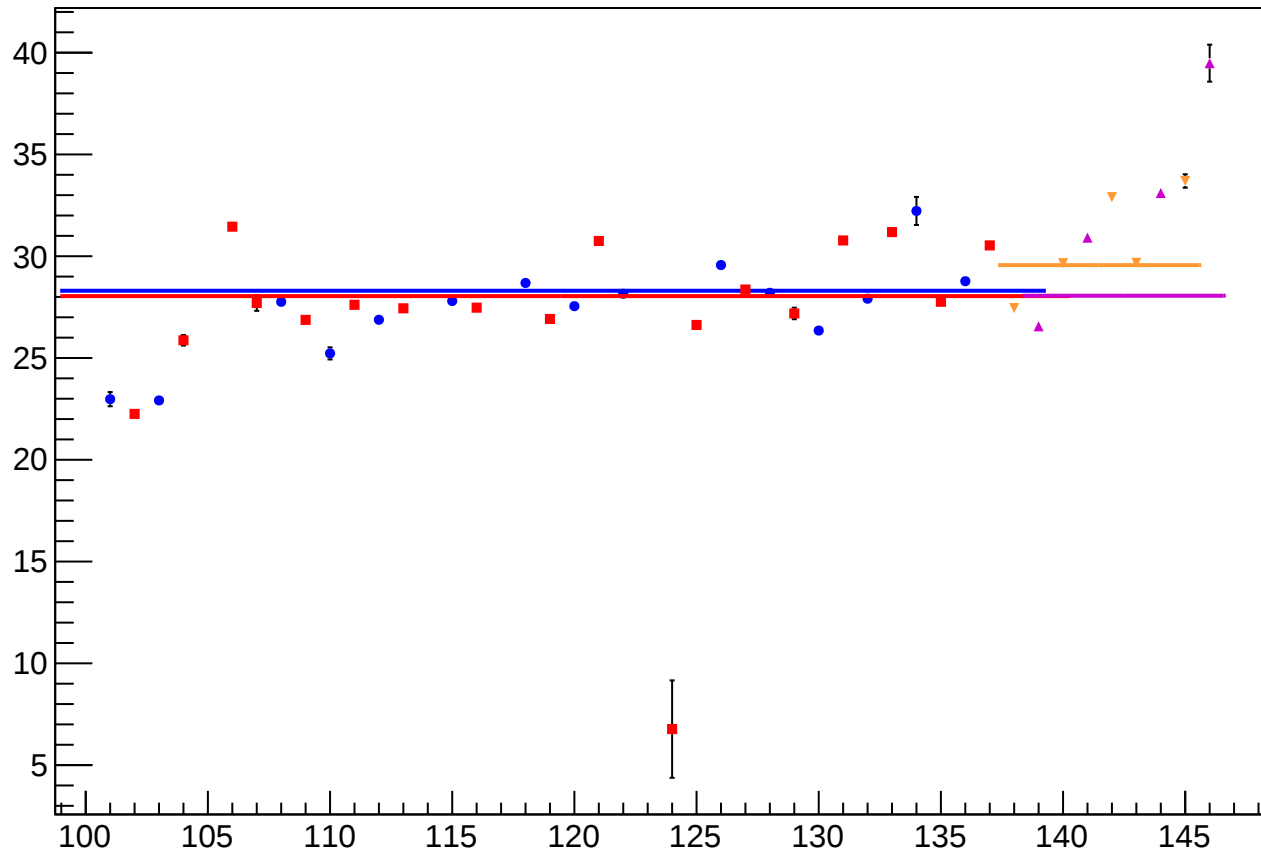
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.377 $\pm$ 0.005 χ^2 /NDF: 96765.9/18

Out: -11.428 $\pm$ 0.004 χ^2 /NDF: 367139.7/22

All: -11.755 $\pm$ 0.003 χ^2 /NDF: 486262.1/41

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.562 $\pm$ 0.053 χ^2 /NDF:751.9/4

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.059 $\pm$ 0.045 χ^2 /NDF:2836.4/3

Left: 28.684 $\pm$ 0.034 χ^2 /NDF: 4057.7/8

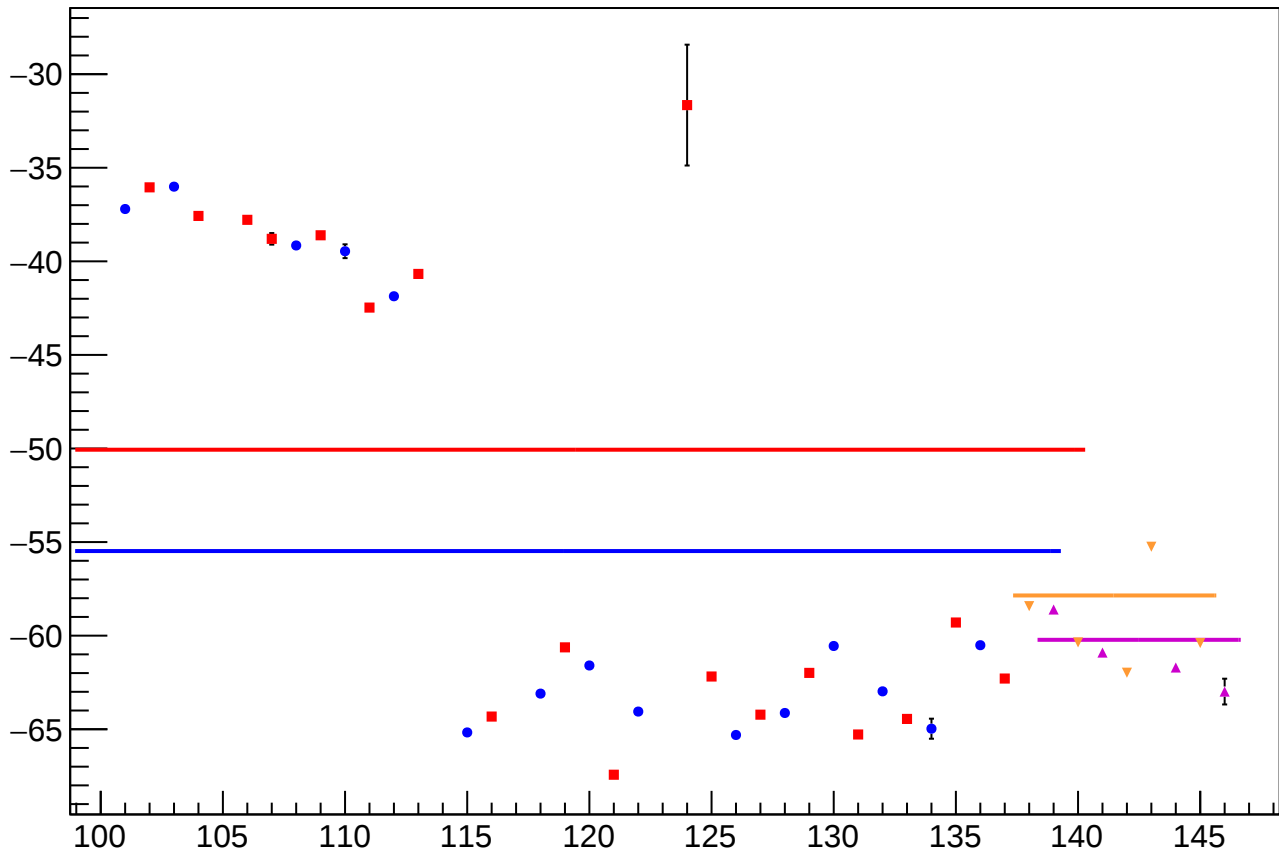
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.253 $\pm$ 0.021 χ^2 /NDF:6260.2/18

Out: 28.415 $\pm$ 0.026 χ^2 /NDF:3934.7/22

All: 28.314 $\pm$ 0.016 χ^2 /NDF: 10218.5/41

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2/NDF : 595140.3/14

Left Out: -57.853 $\pm$ 0.046 χ^2/NDF : 3036.4/4

Right Out: -50.065 $\pm$ 0.023 χ^2/NDF : 340098.3/17

Left In: -60.223 $\pm$ 0.053 χ^2/NDF : 560.6/3

Left: -58.873 $\pm$ 0.035 χ^2/NDF : 4749.6/8

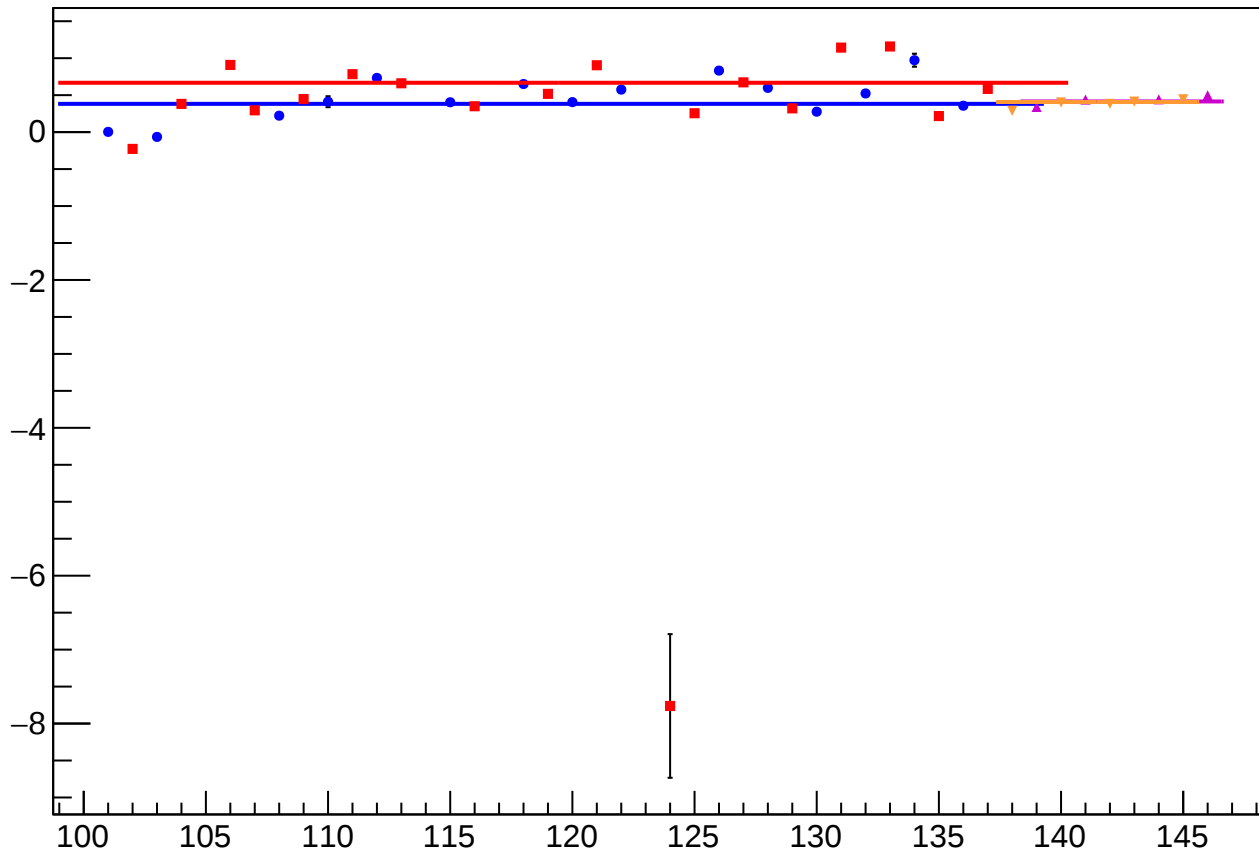
Right: -53.644 $\pm$ 0.013 χ^2/NDF : 971470.1/32

In: -55.907 $\pm$ 0.016 χ^2/NDF : 603078.5/18

Out: -51.647 $\pm$ 0.021 χ^2/NDF : 366165.6/22

All: -54.333 $\pm$ 0.013 χ^2/NDF : 996092.4/41

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.407 ± 0.001 χ^2/NDF : 260.2/4

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.415 ± 0.001 χ^2/NDF : 986.0/3

Left: 0.410 ± 0.001 χ^2/NDF : 1261.9/8

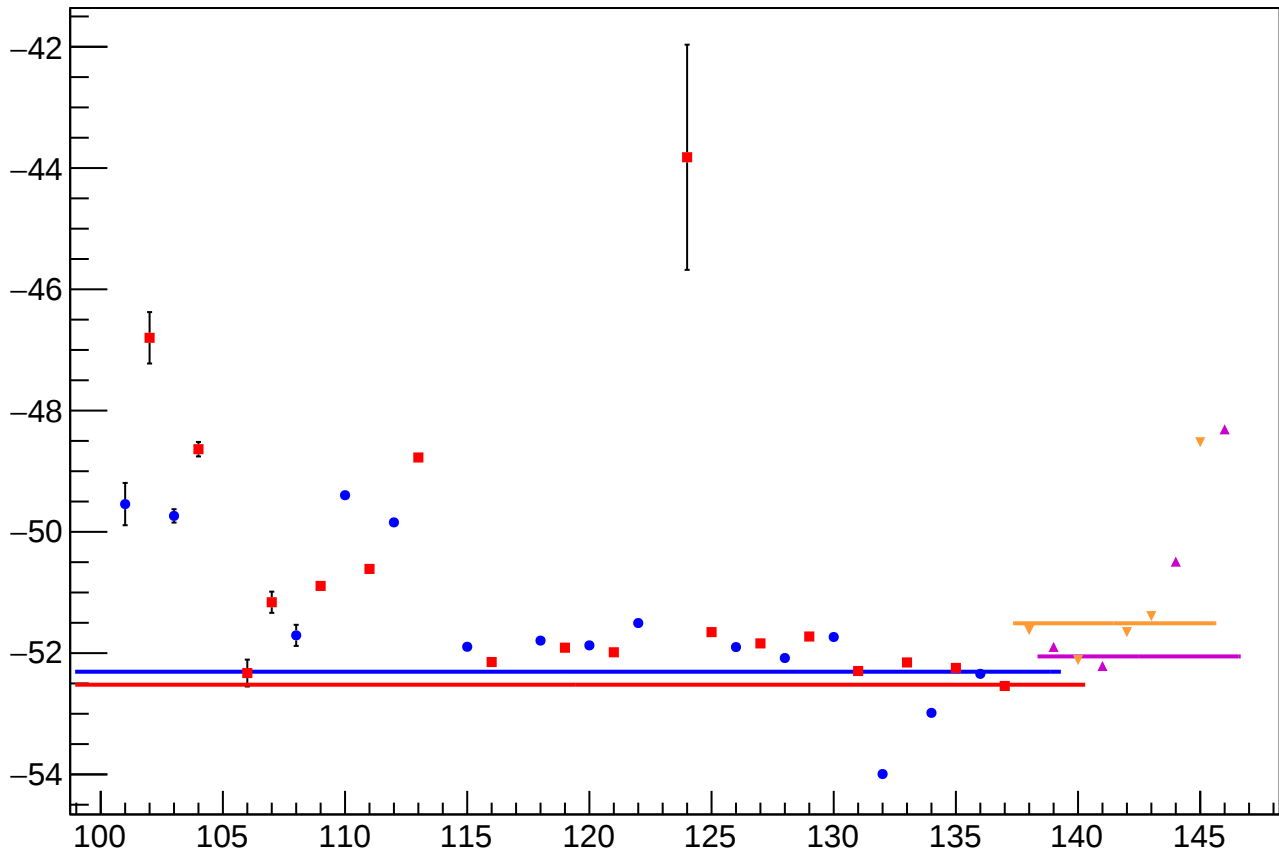
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.400 ± 0.001 χ^2/NDF : 5811.0/18

Out: 0.424 ± 0.001 χ^2/NDF : 6947.4/22

All: 0.411 ± 0.001 χ^2/NDF : 12985.6/41

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF : 25427.4/14

Left Out: -51.508+/-0.005 χ^2/NDF : 6630.3/4

Right Out: -52.521+/-0.001 χ^2/NDF : 14961.7/17

Left In: -52.054+/-0.005 χ^2/NDF : 10143.4/3

Left: -51.754+/-0.003 χ^2/NDF : 23124.4/8

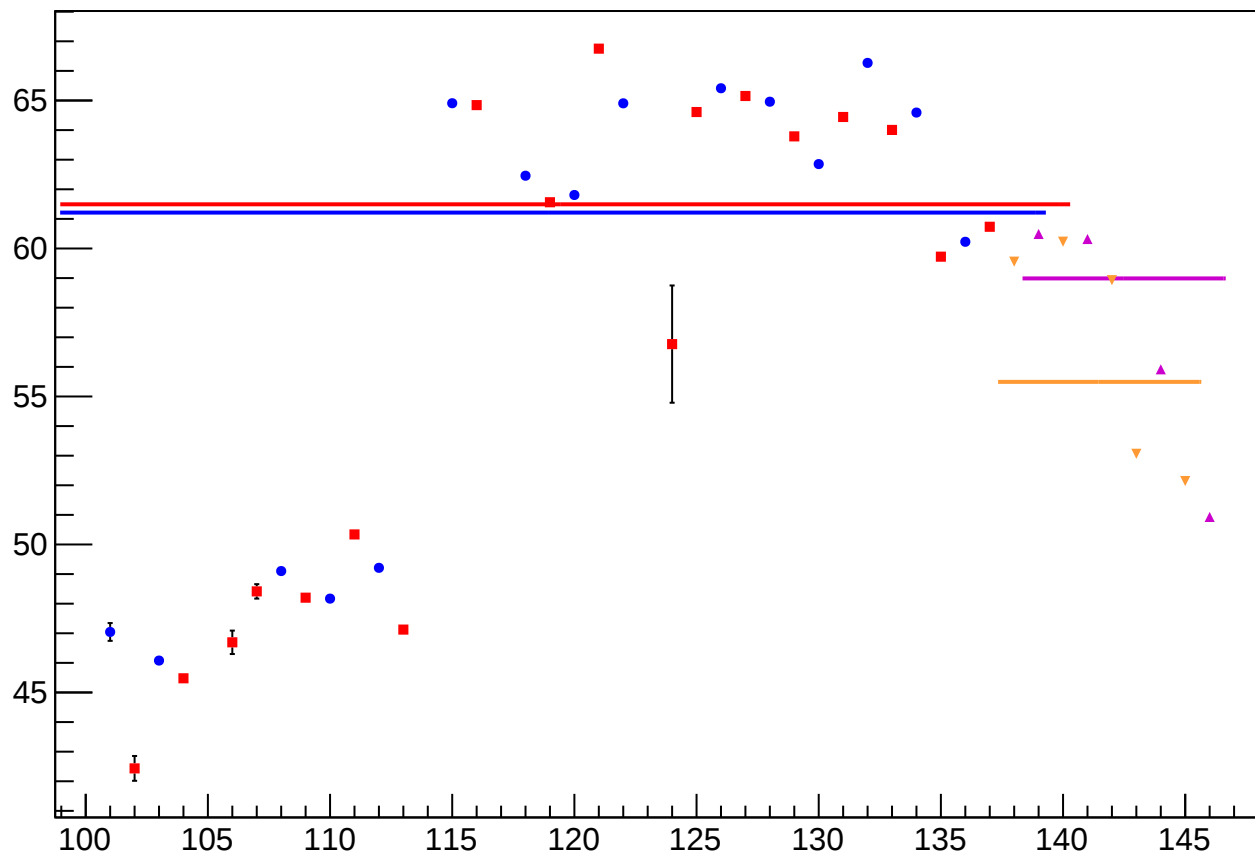
Right: -52.505+/-0.001 χ^2/NDF : 43203.2/32

In: -52.214+/-0.003 χ^2/NDF : 37129.4/18

Out: -52.466+/-0.001 χ^2/NDF : 67336.1/22

All: -52.439+/-0.001 χ^2/NDF : 110425.0/41

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.494 $\pm$ 0.007 χ^2/NDF :186482.0/4

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 58.989 $\pm$ 0.022 χ^2/NDF :17885.8/3

Left: 55.859 $\pm$ 0.007 χ^2/NDF : 227352.7/8

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 60.831 $\pm$ 0.009 χ^2/NDF :183124.0/18

Out: 58.805 $\pm$ 0.005 χ^2/NDF :787360.1/22

All: 59.279 $\pm$ 0.004 χ^2/NDF : 1009018.8/41

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

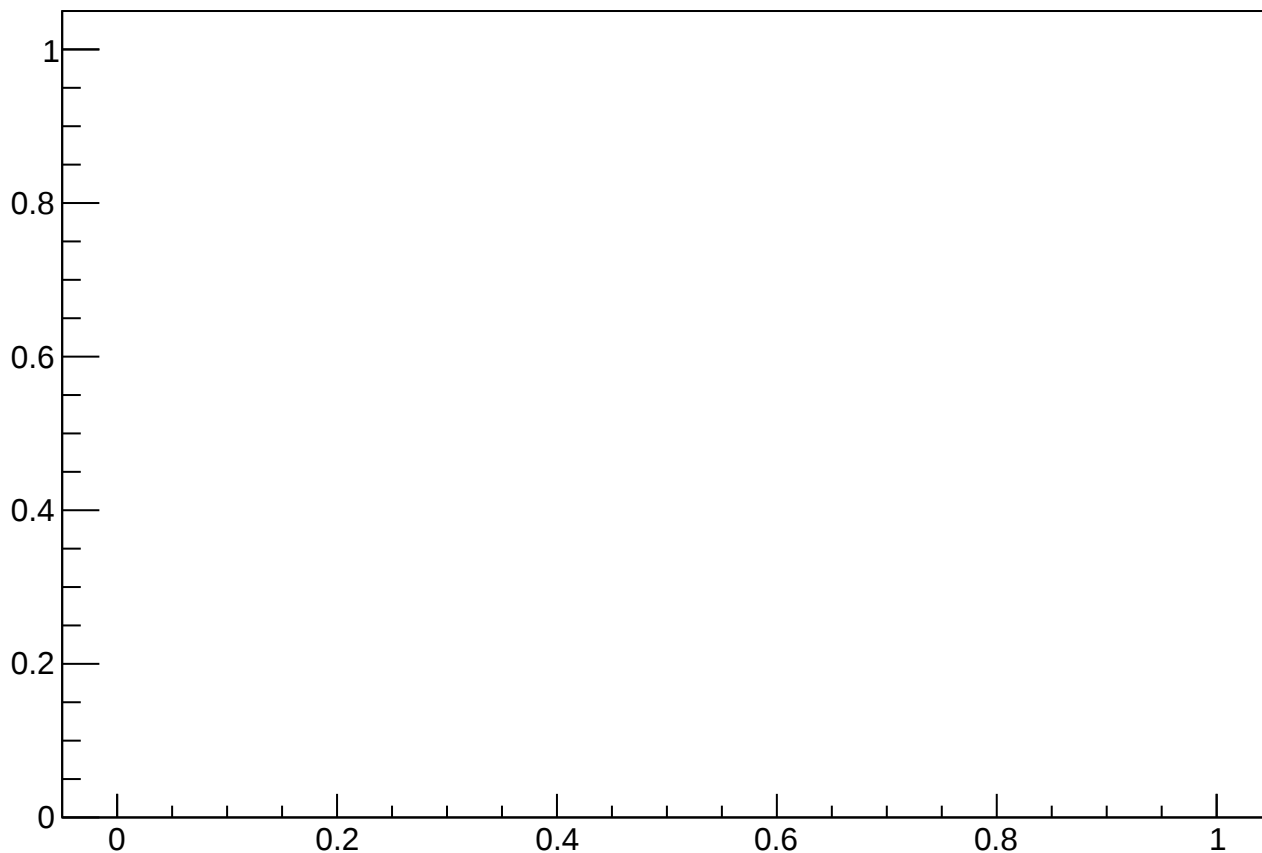
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

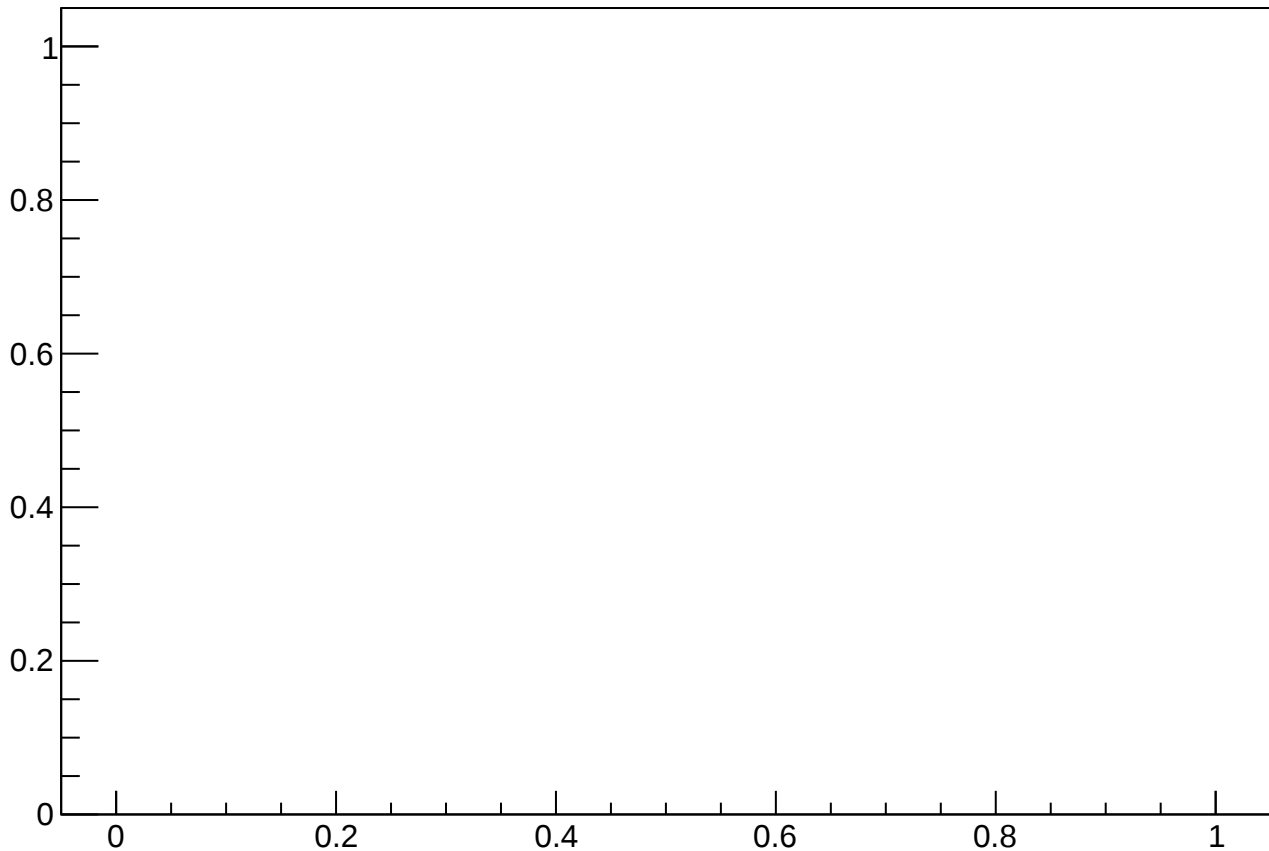
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

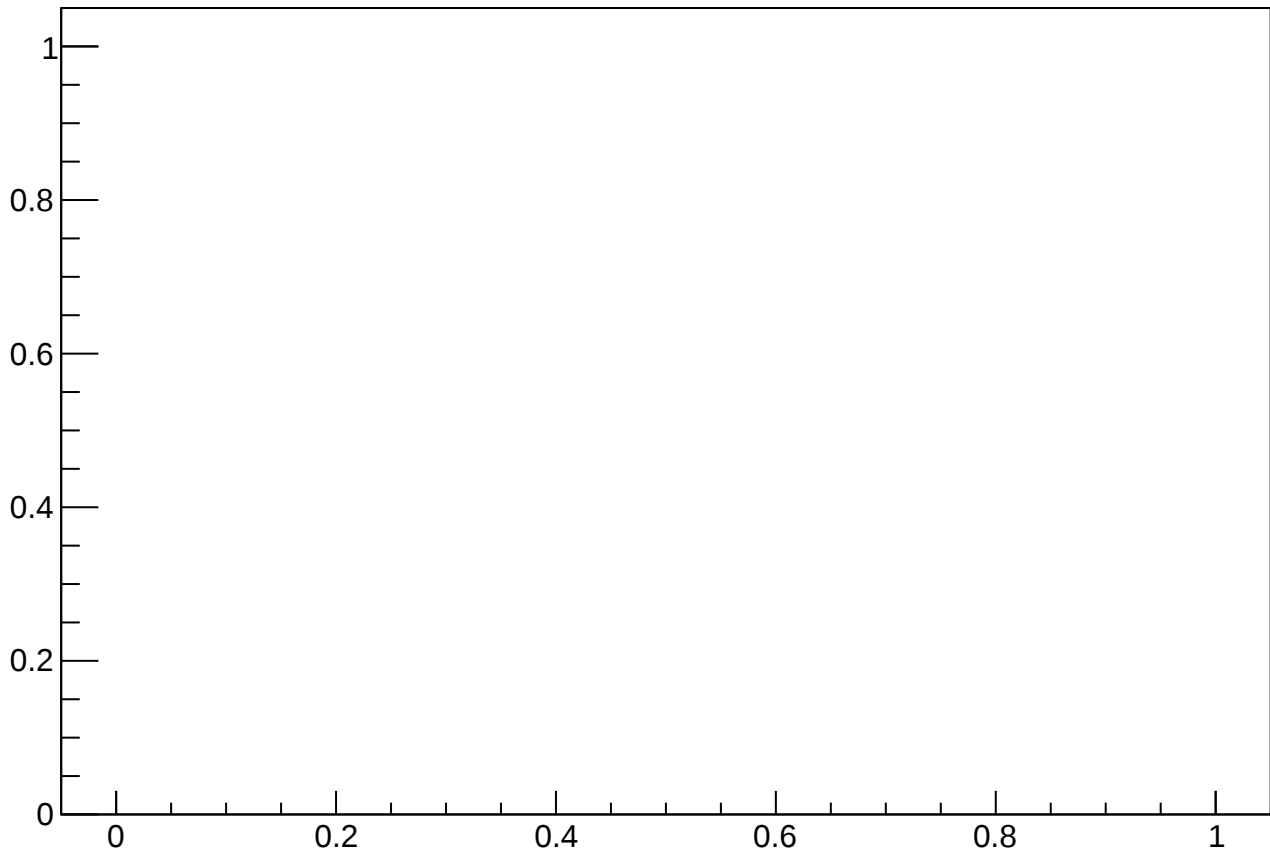
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

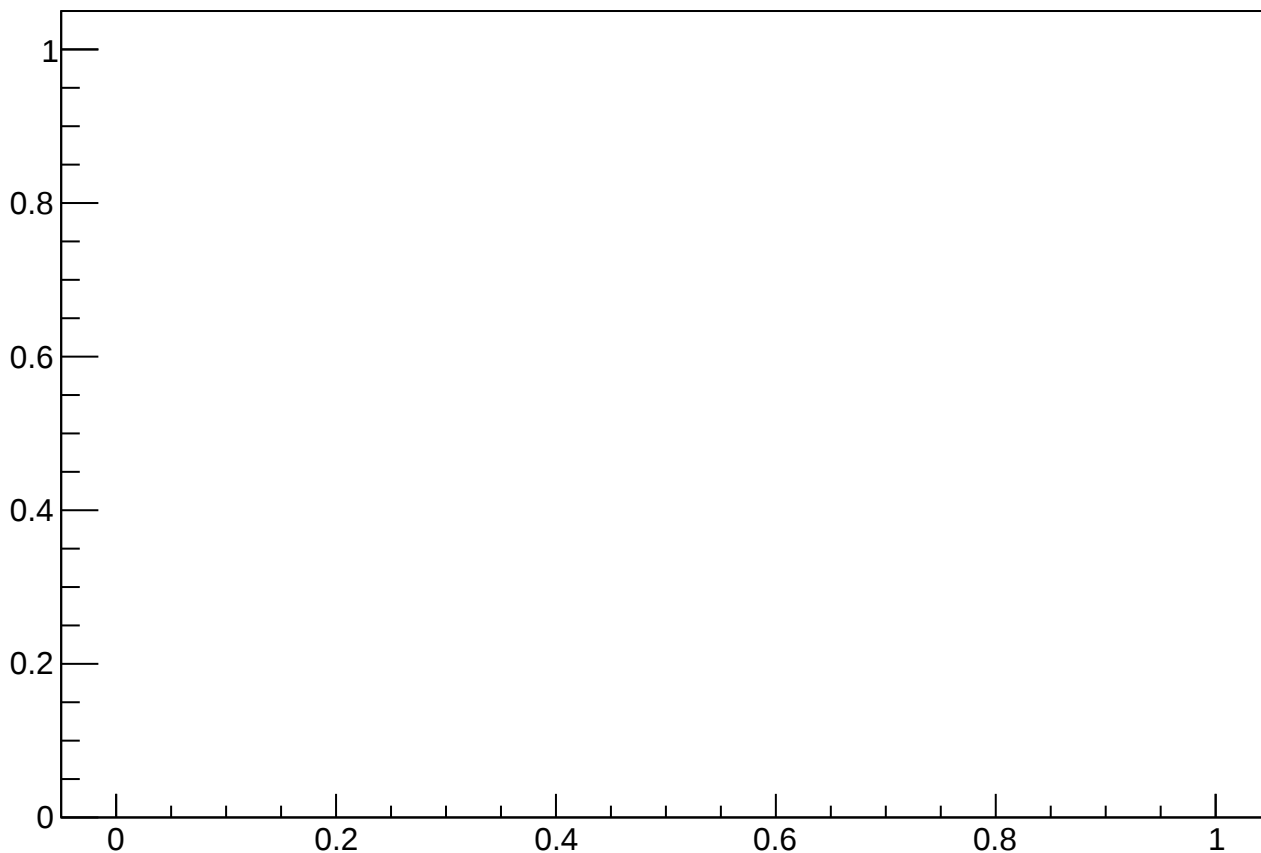
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

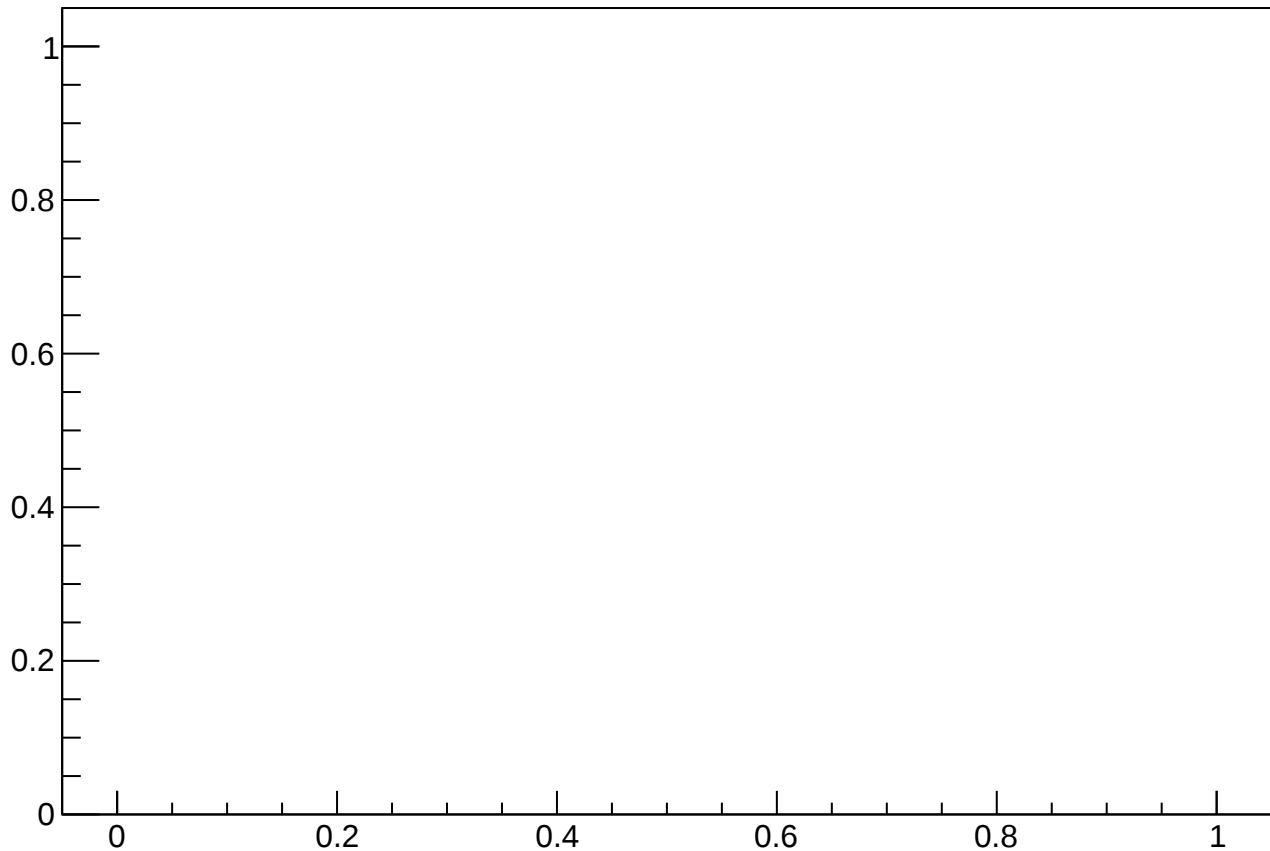
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

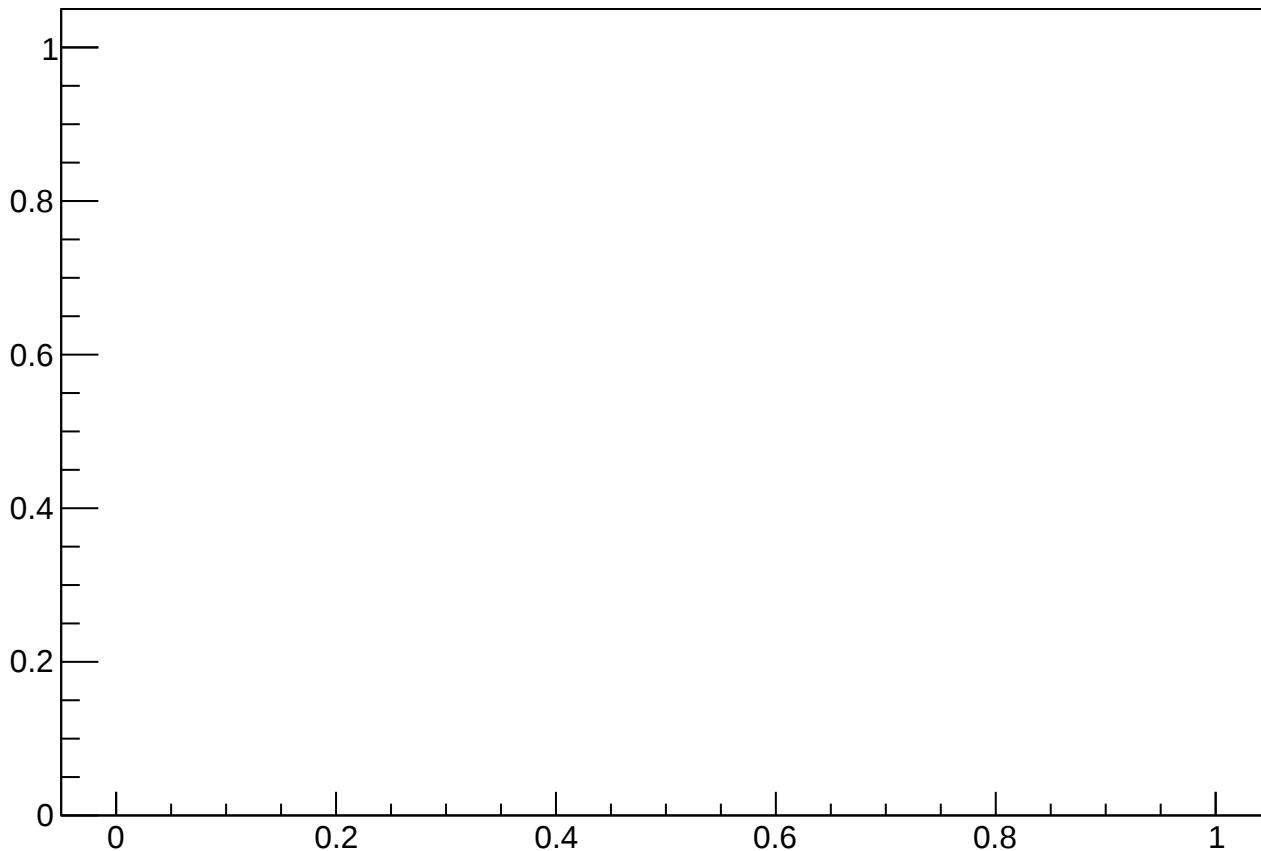
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

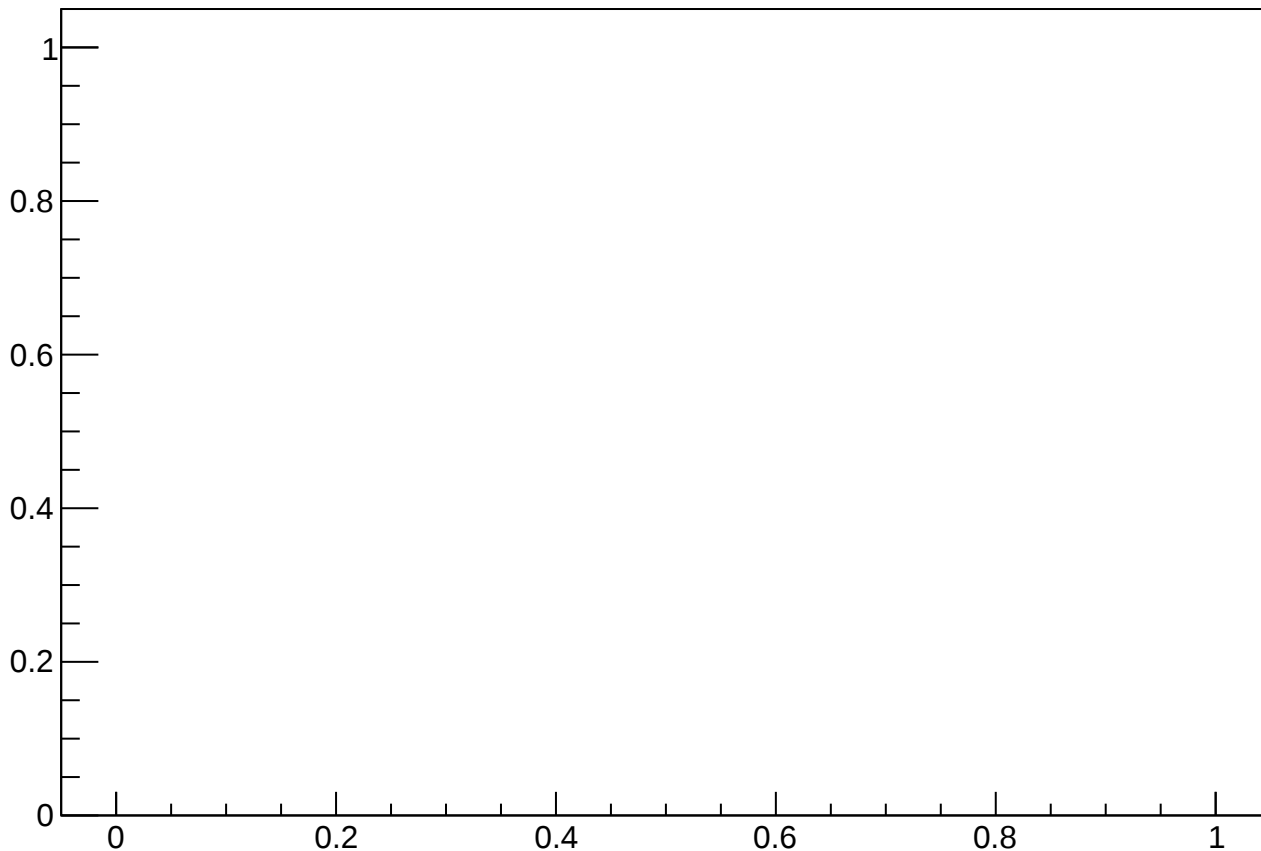
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

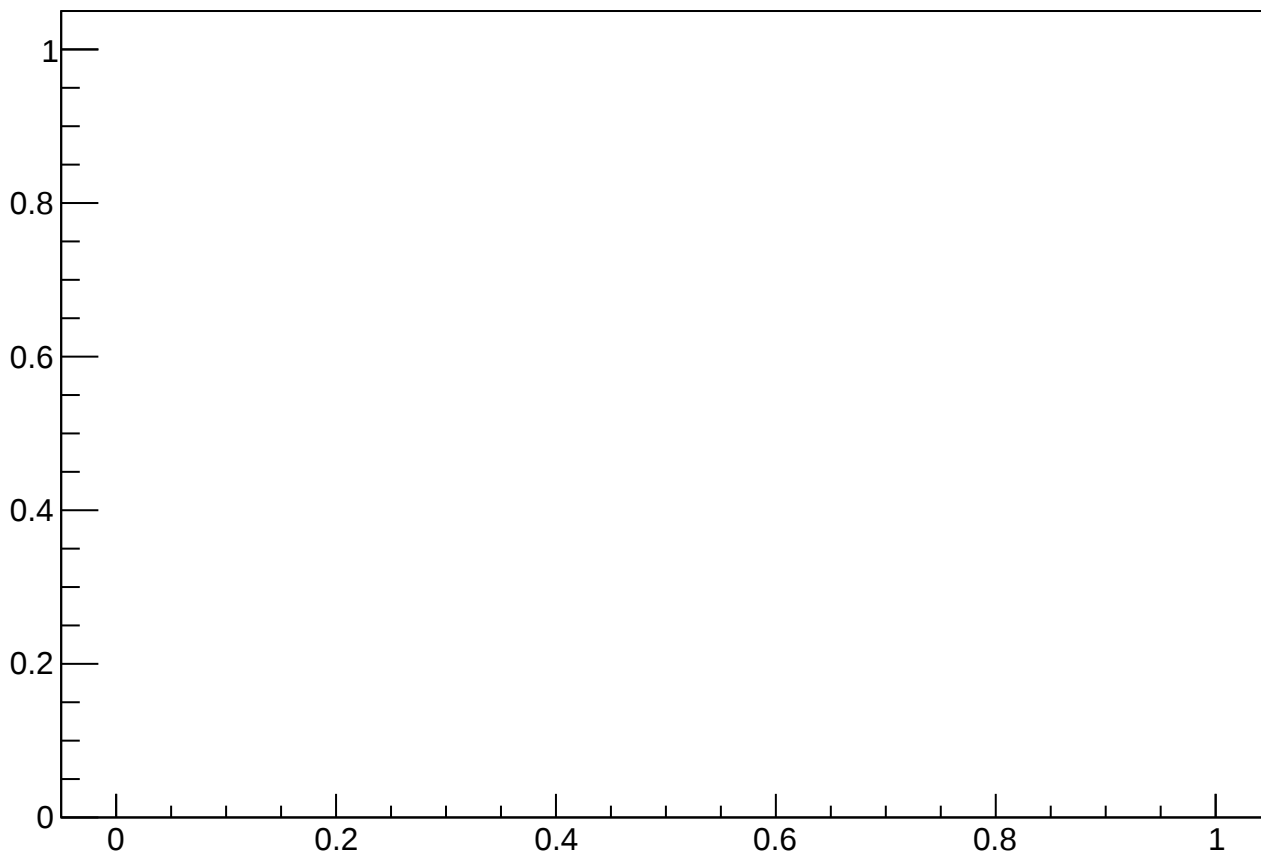
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

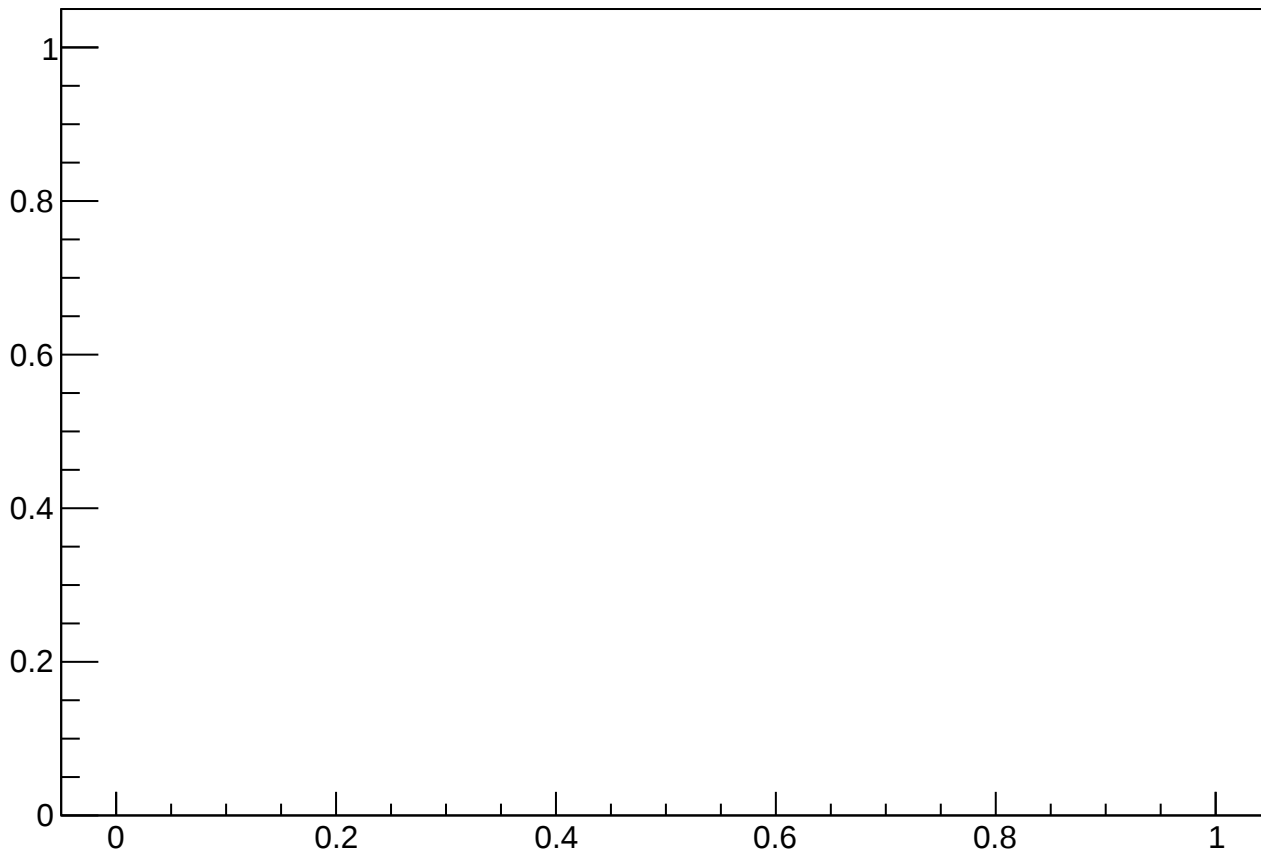
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

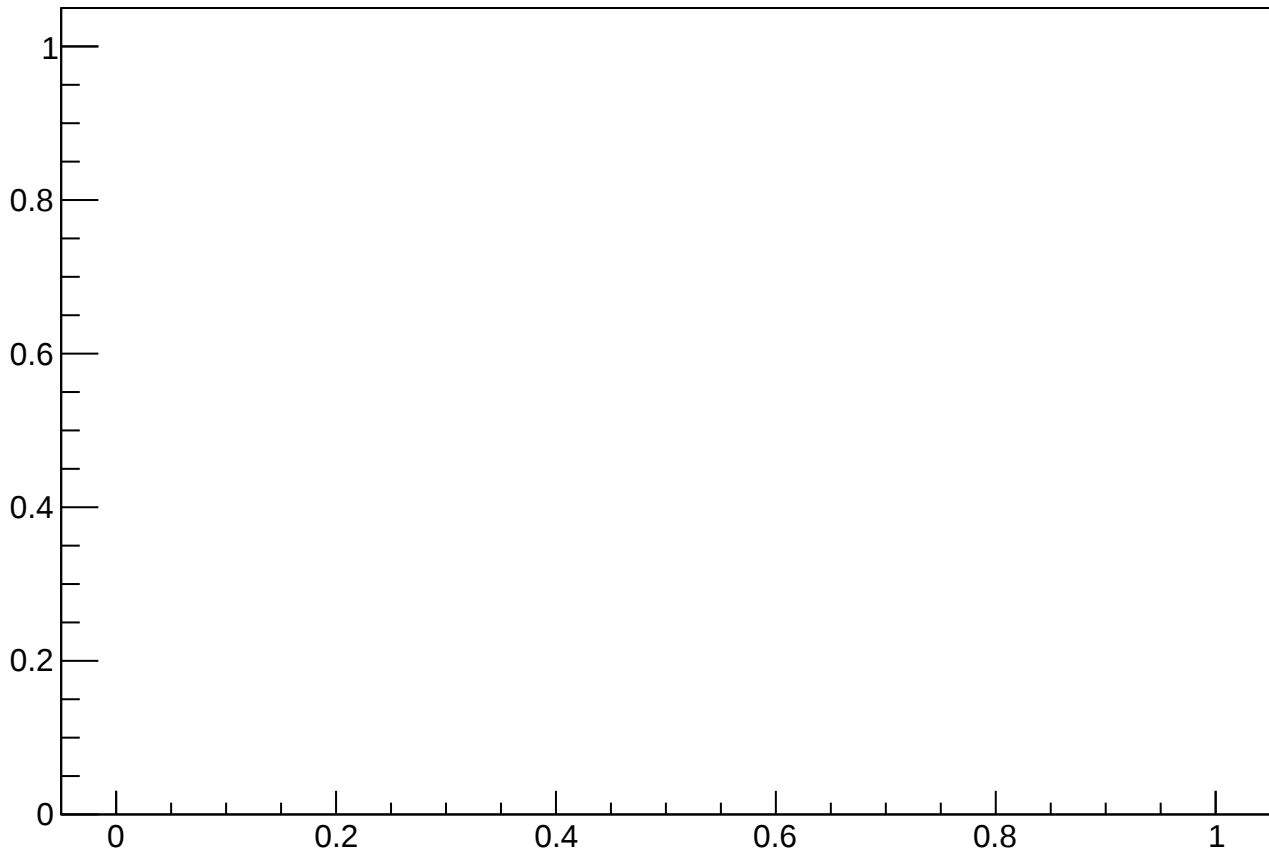
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

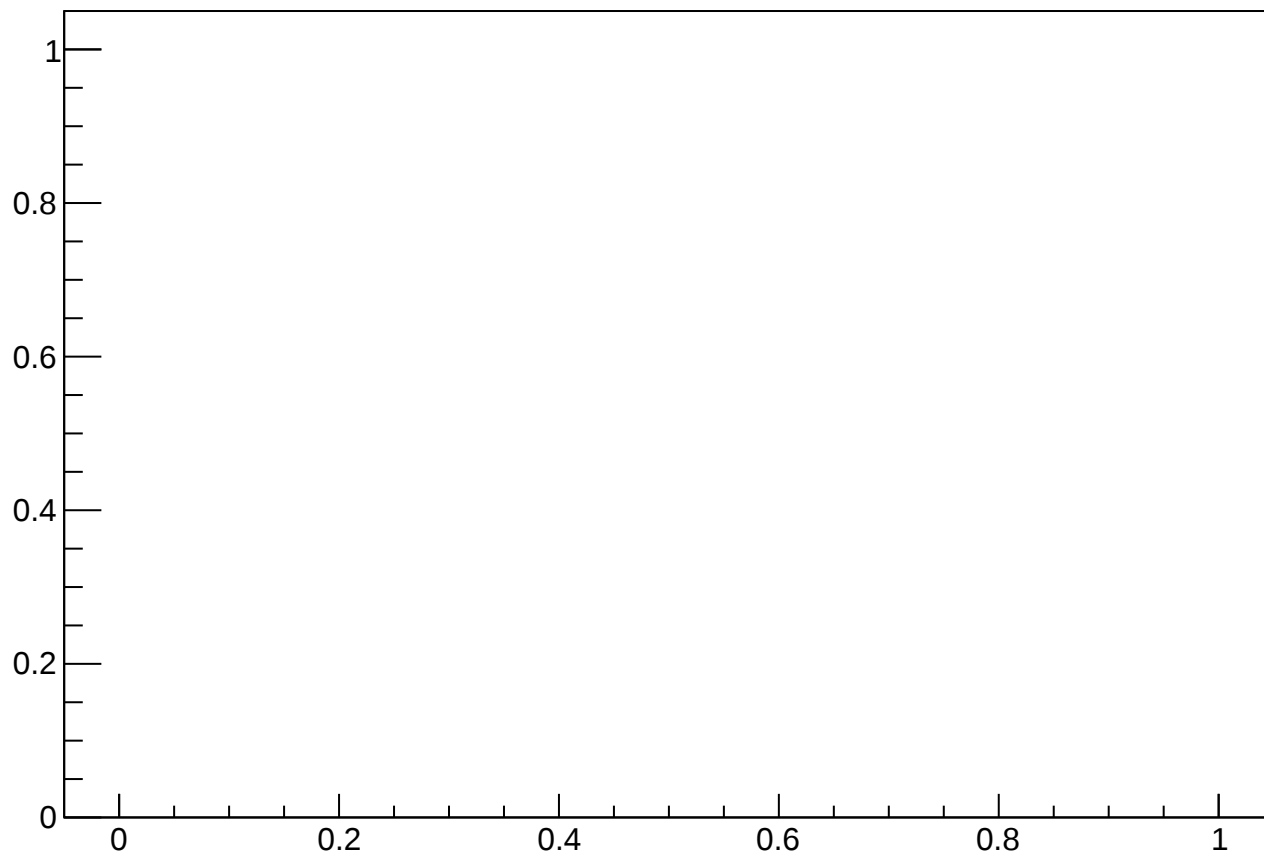
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

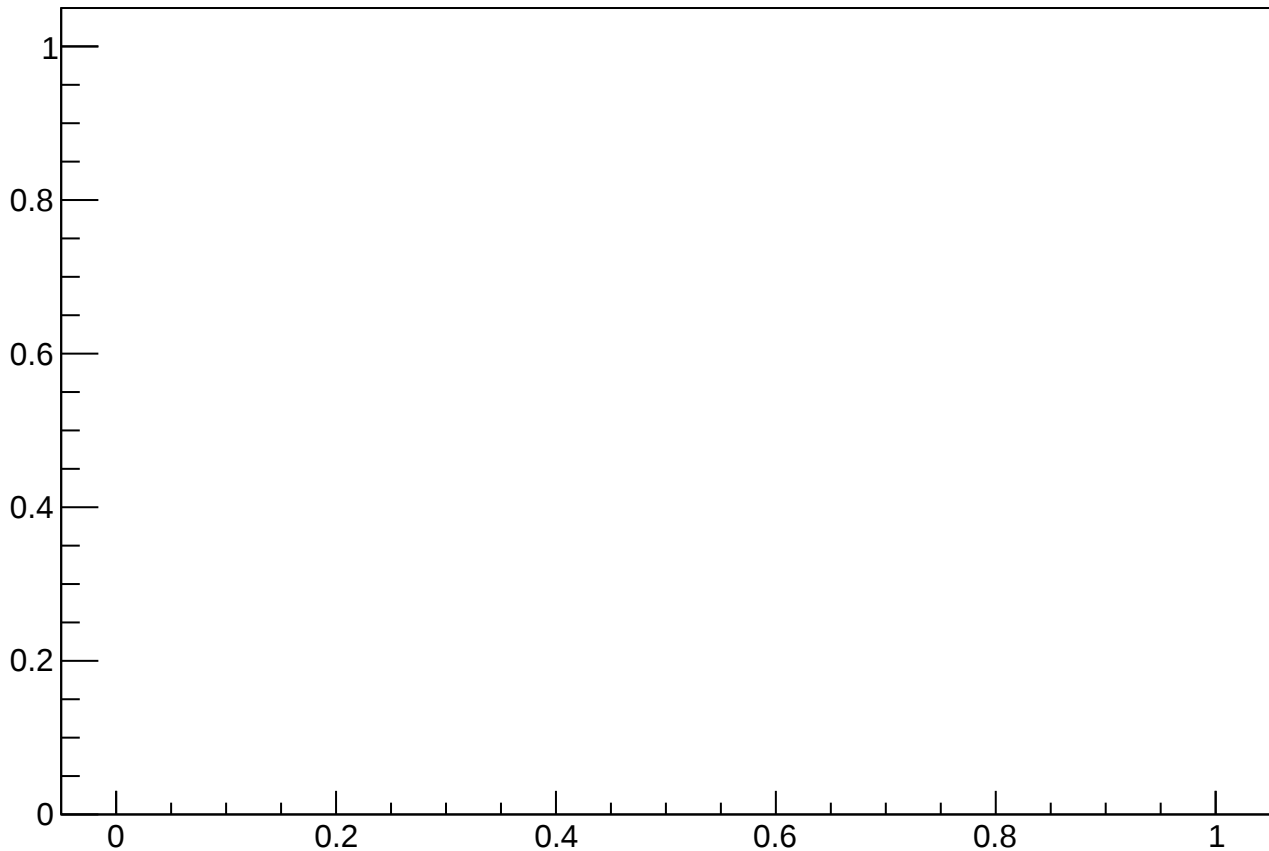
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

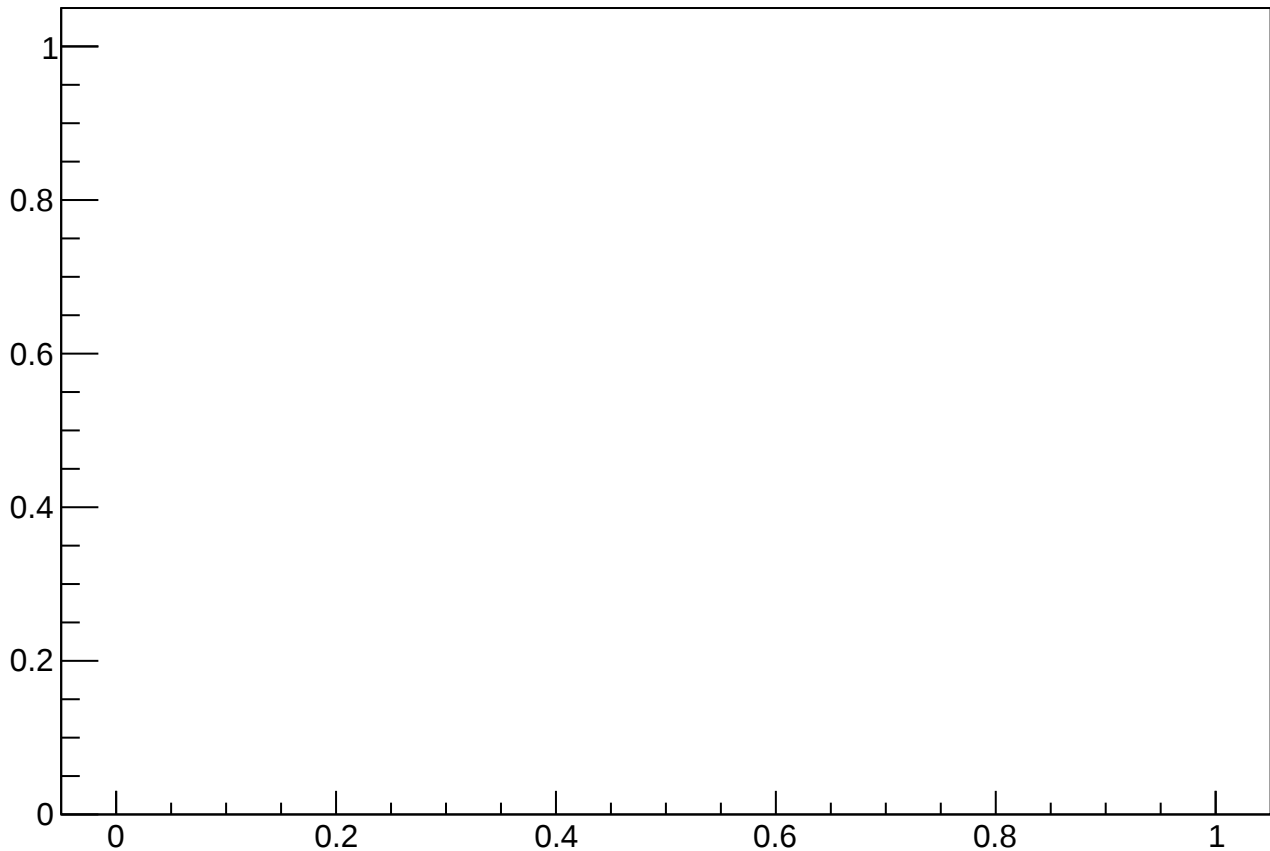
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

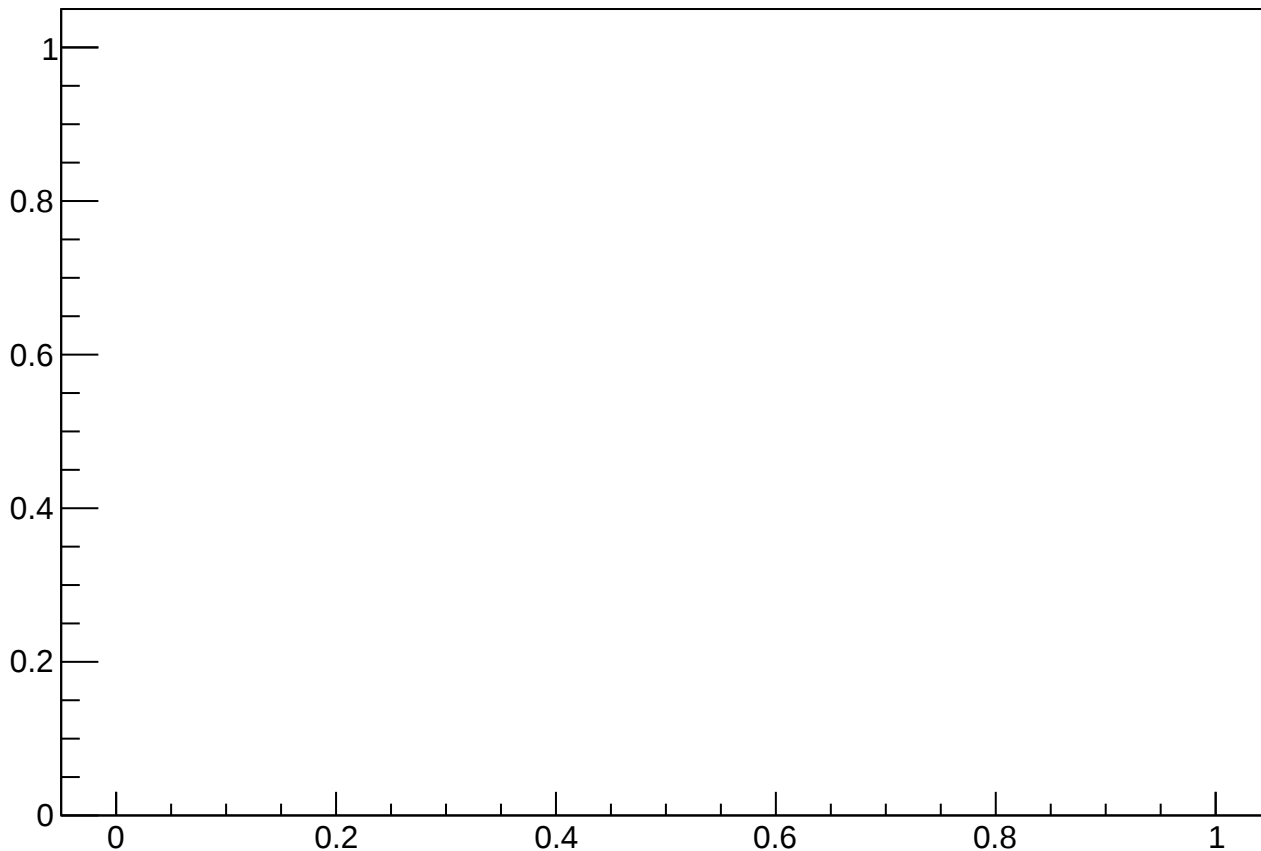
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

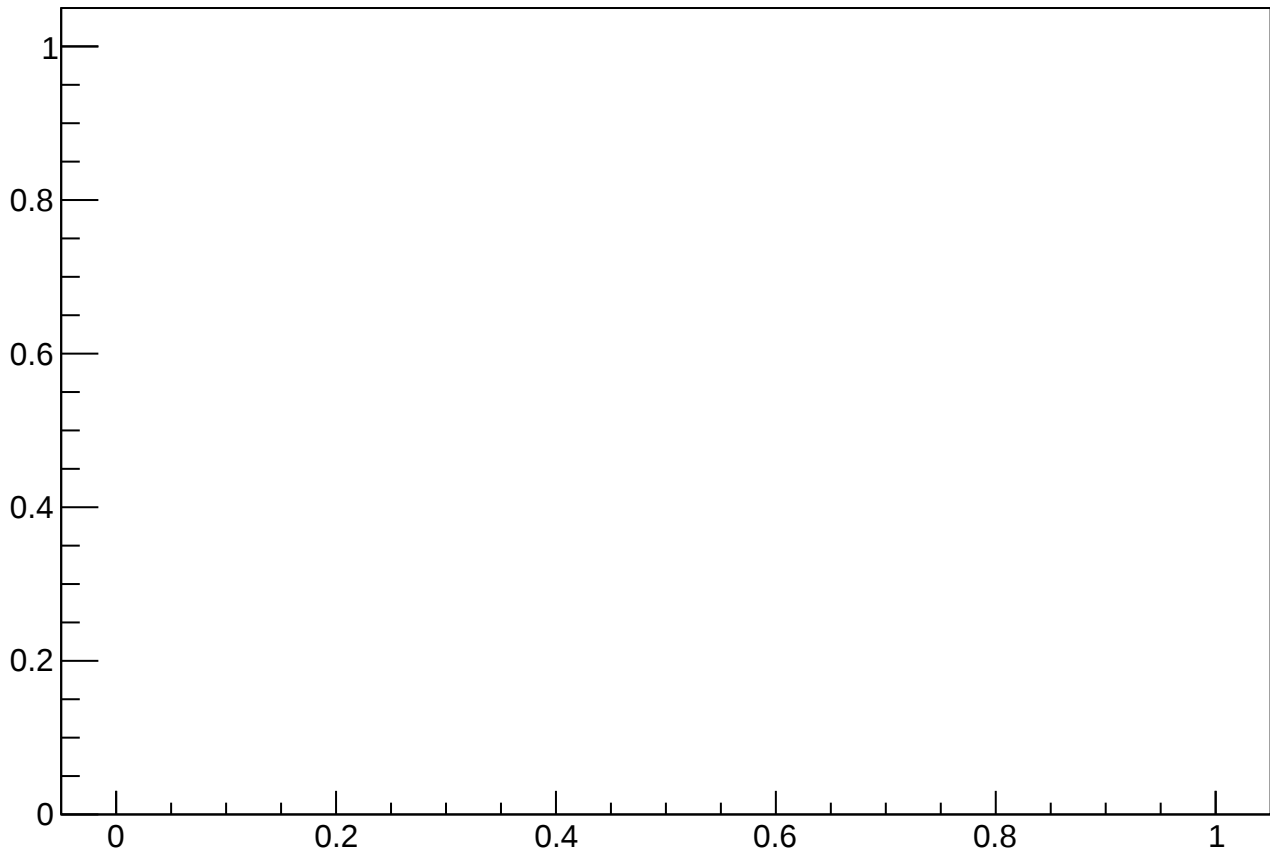
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

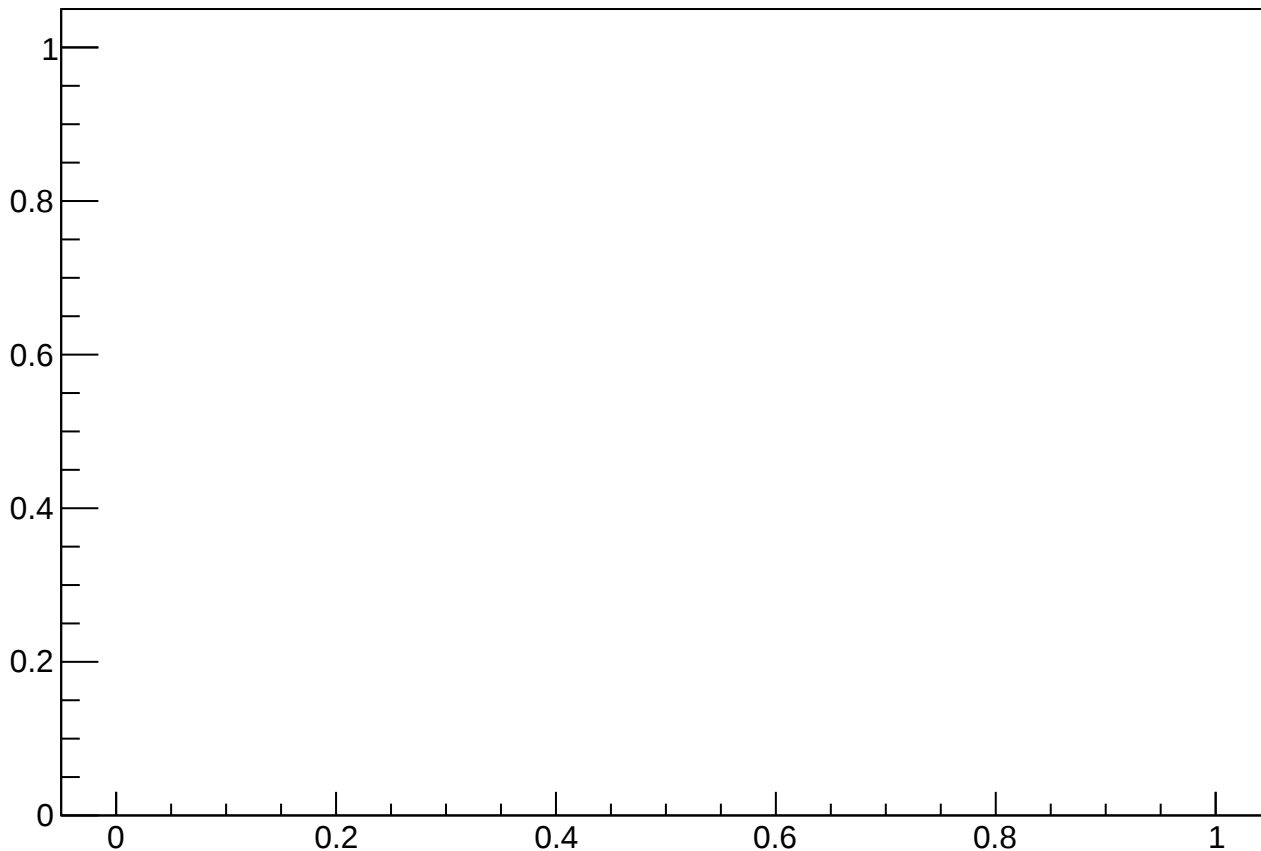
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

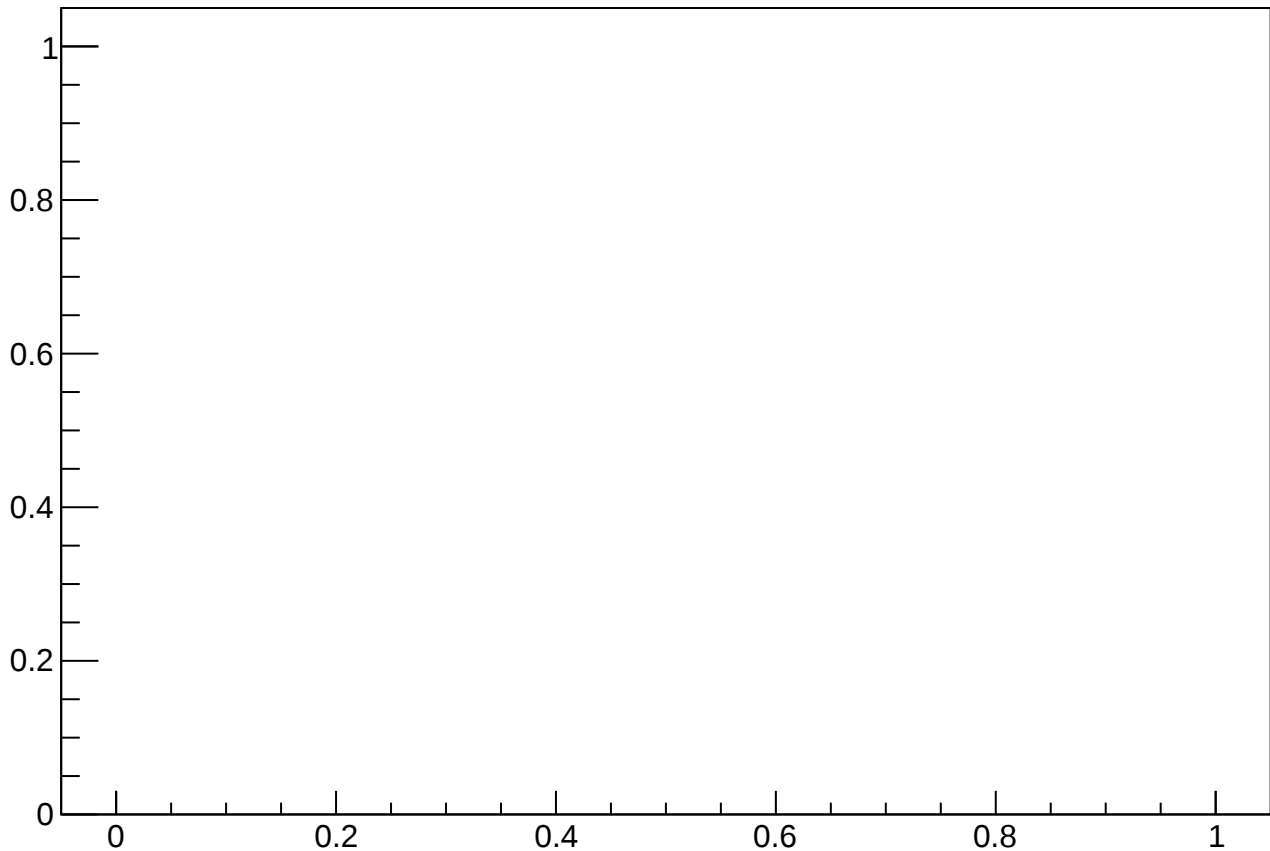
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

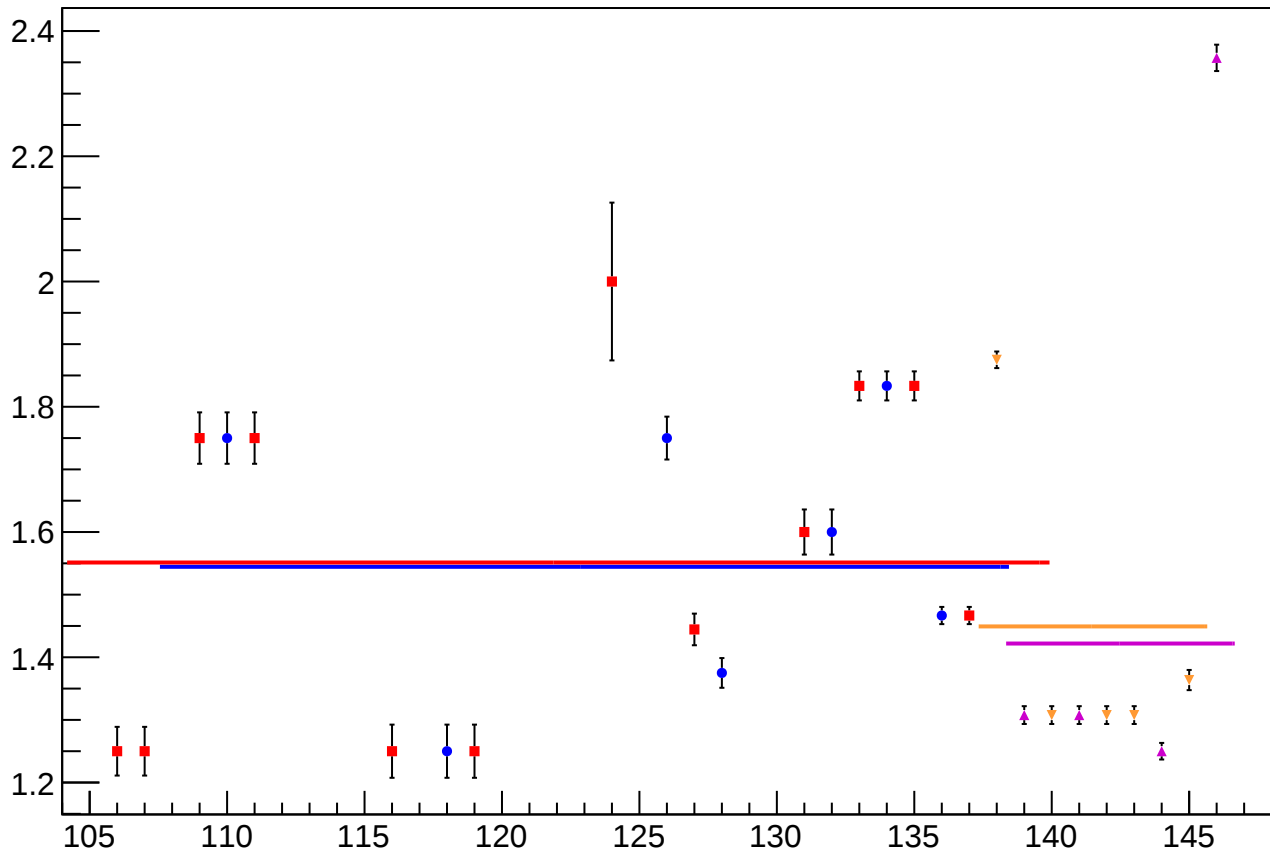
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.449 $\pm$ 0.006 χ^2 /NDF:1359.5/4

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.422 $\pm$ 0.007 χ^2 /NDF:2269.6/3

Left: 1.438 $\pm$ 0.005 χ^2 /NDF: 3636.9/8

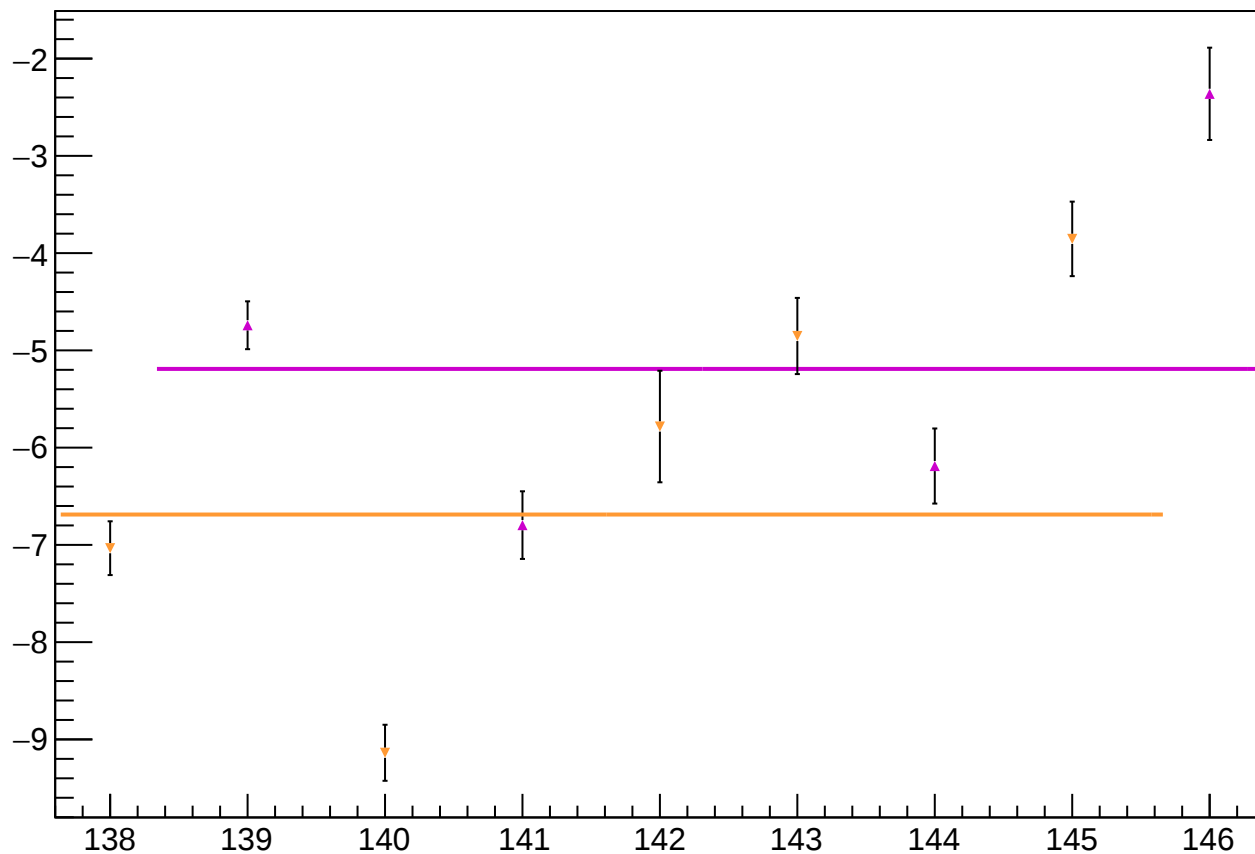
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.470 $\pm$ 0.006 χ^2 /NDF:2725.4/10

Out: 1.488 $\pm$ 0.005 χ^2 /NDF:2090.0/16

All: 1.481 $\pm$ 0.004 χ^2 /NDF: 4820.7/27

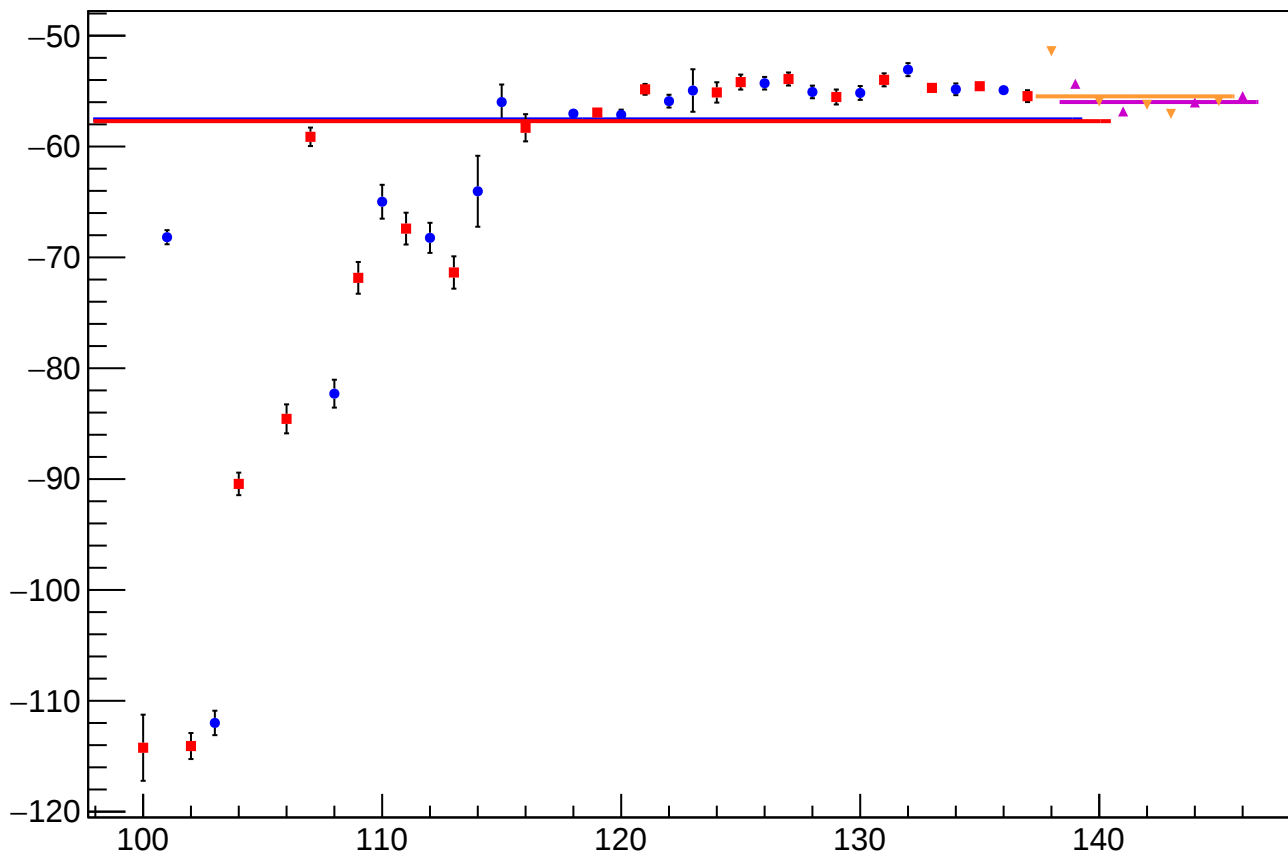
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.688+/-0.155 χ^2/NDF :153.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.191+/-0.167 χ^2/NDF :66.9/3

Left: -5.993+/-0.114 χ^2/NDF : 263.1/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.191+/-0.167 χ^2/NDF :66.9/3
 Out: -6.688+/-0.155 χ^2/NDF :153.1/4
 All: -5.993+/-0.114 χ^2/NDF : 263.1/8

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.473 $\pm$ 0.132 χ^2 /NDF:203.0/4

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -55.987 $\pm$ 0.150 χ^2 /NDF:28.1/3

Left: -55.697 $\pm$ 0.099 χ^2 /NDF: 237.7/8

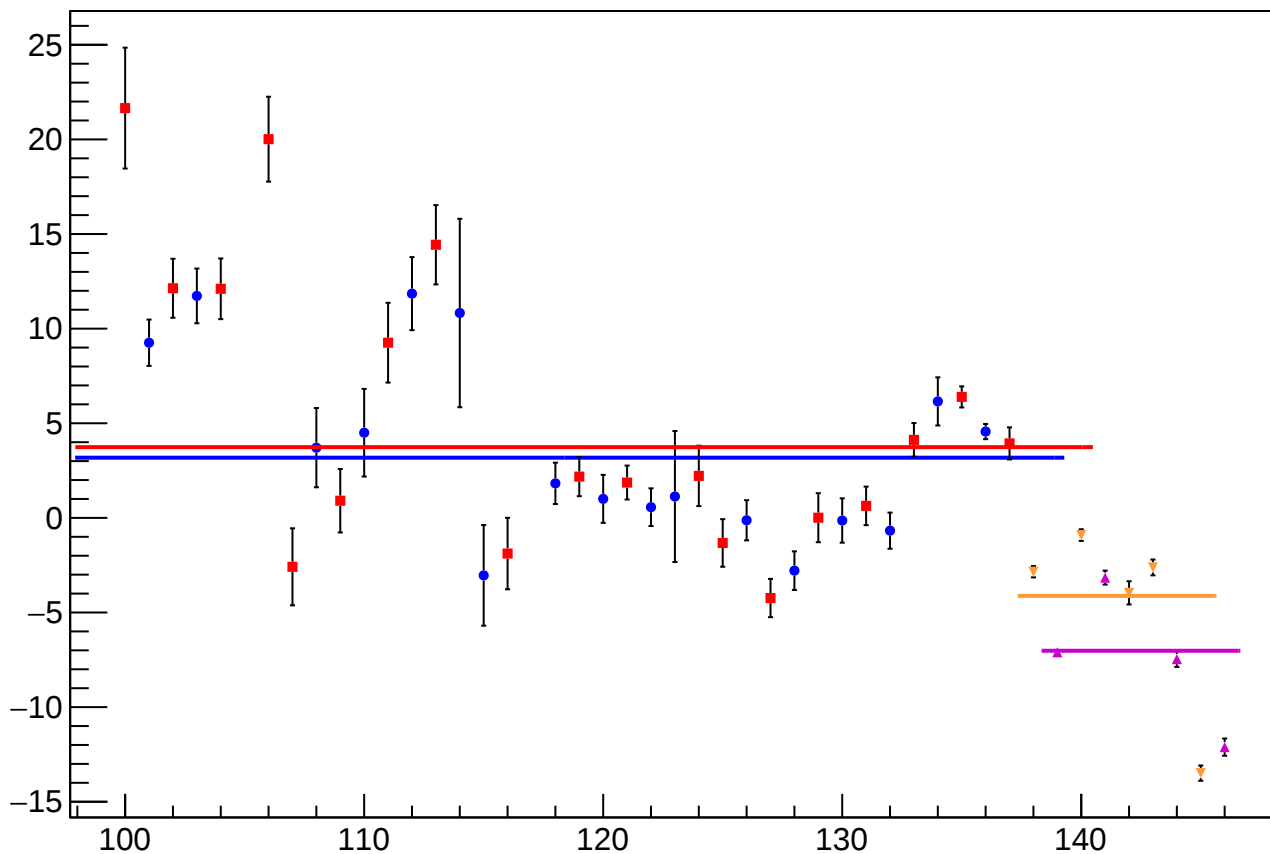
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -56.814 $\pm$ 0.103 χ^2 /NDF:3545.8/20

Out: -56.503 $\pm$ 0.097 χ^2 /NDF:5039.3/23

All: -56.649 $\pm$ 0.071 χ^2 /NDF: 8590.0/44

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -4.121 ± 0.166 χ^2/NDF : 677.1/4

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -7.021 ± 0.177 χ^2/NDF : 235.4/3

Left: -5.484 ± 0.121 χ^2/NDF : 1055.6/8

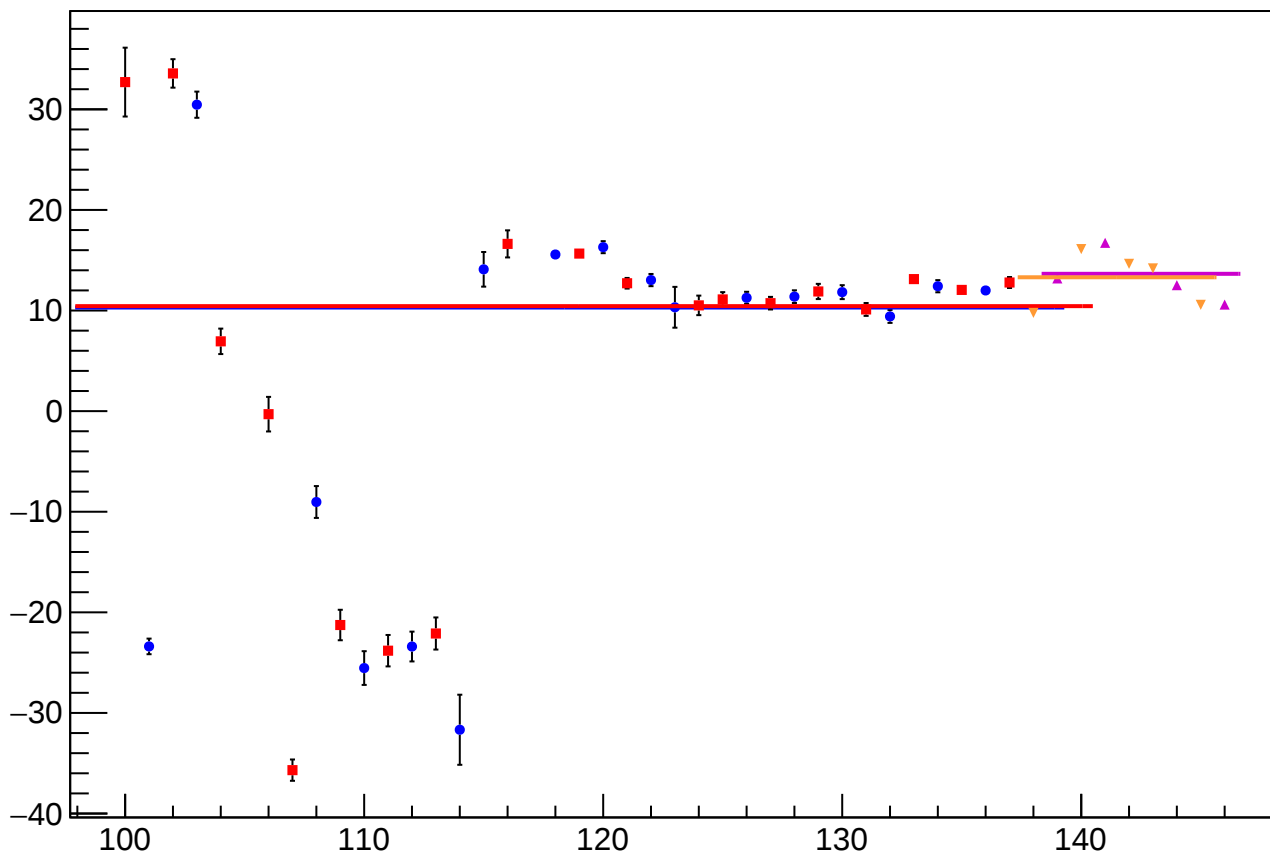
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -3.769 ± 0.146 χ^2/NDF : 1485.9/20

Out: -1.926 ± 0.141 χ^2/NDF : 1622.7/23

All: -2.818 ± 0.101 χ^2/NDF : 3191.2/44

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.306 $\pm$ 0.154 χ^2 /NDF:266.9/4

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 13.650 $\pm$ 0.175 χ^2 /NDF:183.3/3

Left: 13.457 $\pm$ 0.116 χ^2 /NDF: 452.4/8

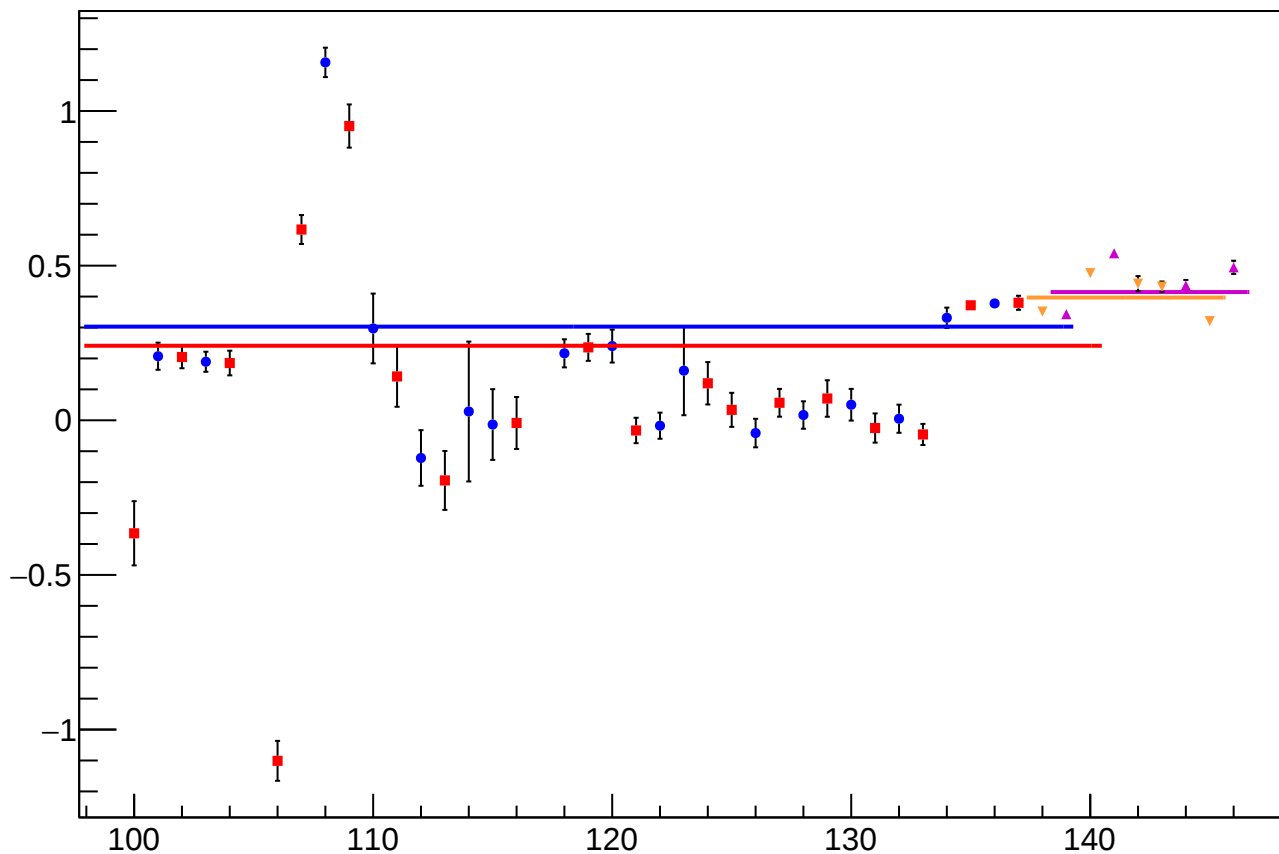
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 11.797 $\pm$ 0.117 χ^2 /NDF:4086.1/20

Out: 11.921 $\pm$ 0.111 χ^2 /NDF:4262.7/23

All: 11.863 $\pm$ 0.080 χ^2 /NDF: 8349.4/44

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.397 $\pm$ 0.007 χ^2 /NDF:81.4/4

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.415 $\pm$ 0.007 χ^2 /NDF:144.5/3

Left: 0.406 $\pm$ 0.005 χ^2 /NDF: 229.3/8

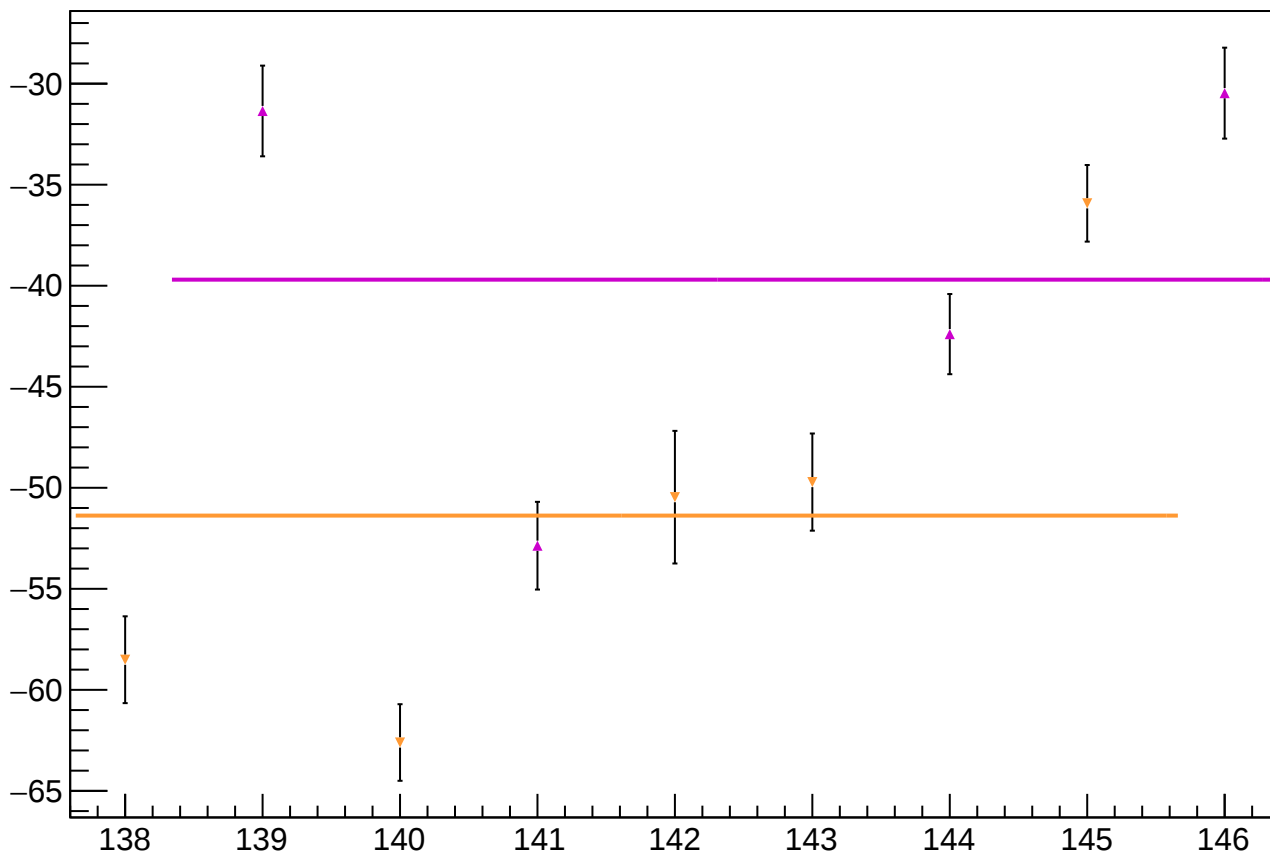
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.368 $\pm$ 0.005 χ^2 /NDF:900.8/20

Out: 0.337 $\pm$ 0.005 χ^2 /NDF:1278.6/23

All: 0.353 $\pm$ 0.004 χ^2 /NDF: 2197.1/44

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.376+/-0.981 χ^2/NDF :113.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.700+/-1.077 χ^2/NDF :69.3/3

Left: -46.081+/-0.725 χ^2/NDF : 246.7/8

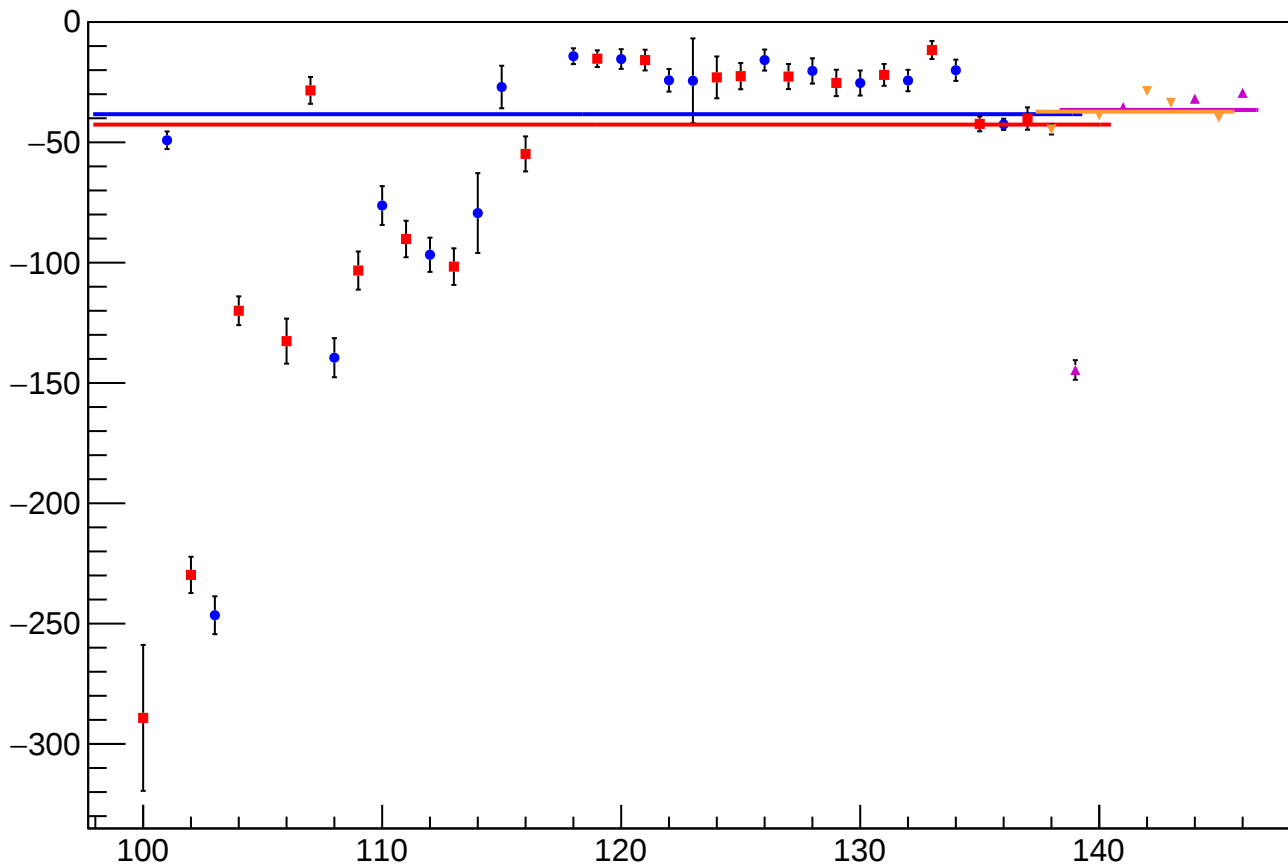
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.700+/-1.077 χ^2/NDF :69.3/3

Out: -51.376+/-0.981 χ^2/NDF :113.1/4

All: -46.081+/-0.725 χ^2/NDF : 246.7/8

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -37.255 ± 0.773 $\chi^2/\text{NDF}: 37.8/4$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -36.549 ± 0.817 $\chi^2/\text{NDF}: 742.1/3$

Left: -36.922 ± 0.562 $\chi^2/\text{NDF}: 780.3/8$

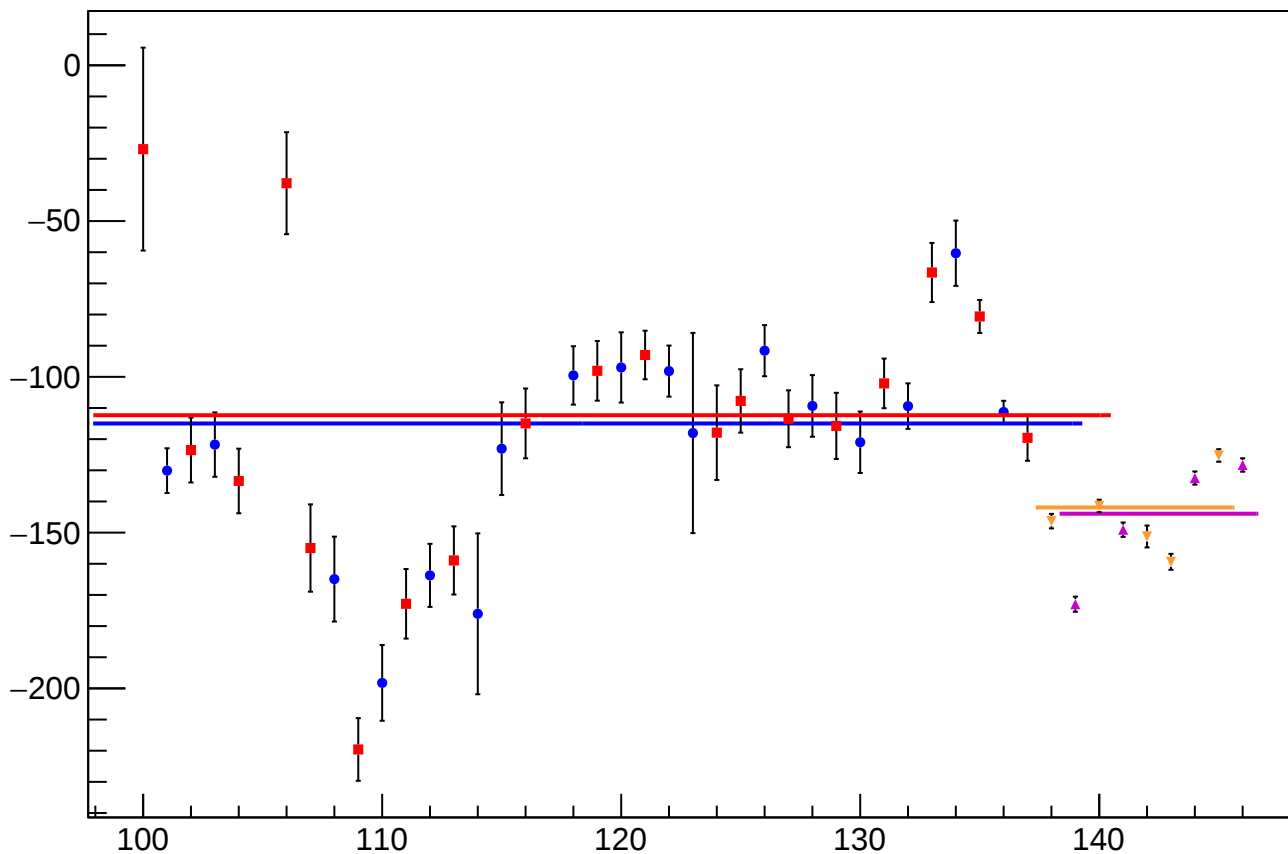
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -37.146 ± 0.664 $\chi^2/\text{NDF}: 1876.4/20$

Out: -38.815 ± 0.651 $\chi^2/\text{NDF}: 1396.2/23$

All: -37.996 ± 0.465 $\chi^2/\text{NDF}: 3275.9/44$

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: -143.930 ± 1.123 $\chi^2/\text{NDF}: 229.6/3$

Left: -142.858 ± 0.767 $\chi^2/\text{NDF}: 356.7/8$

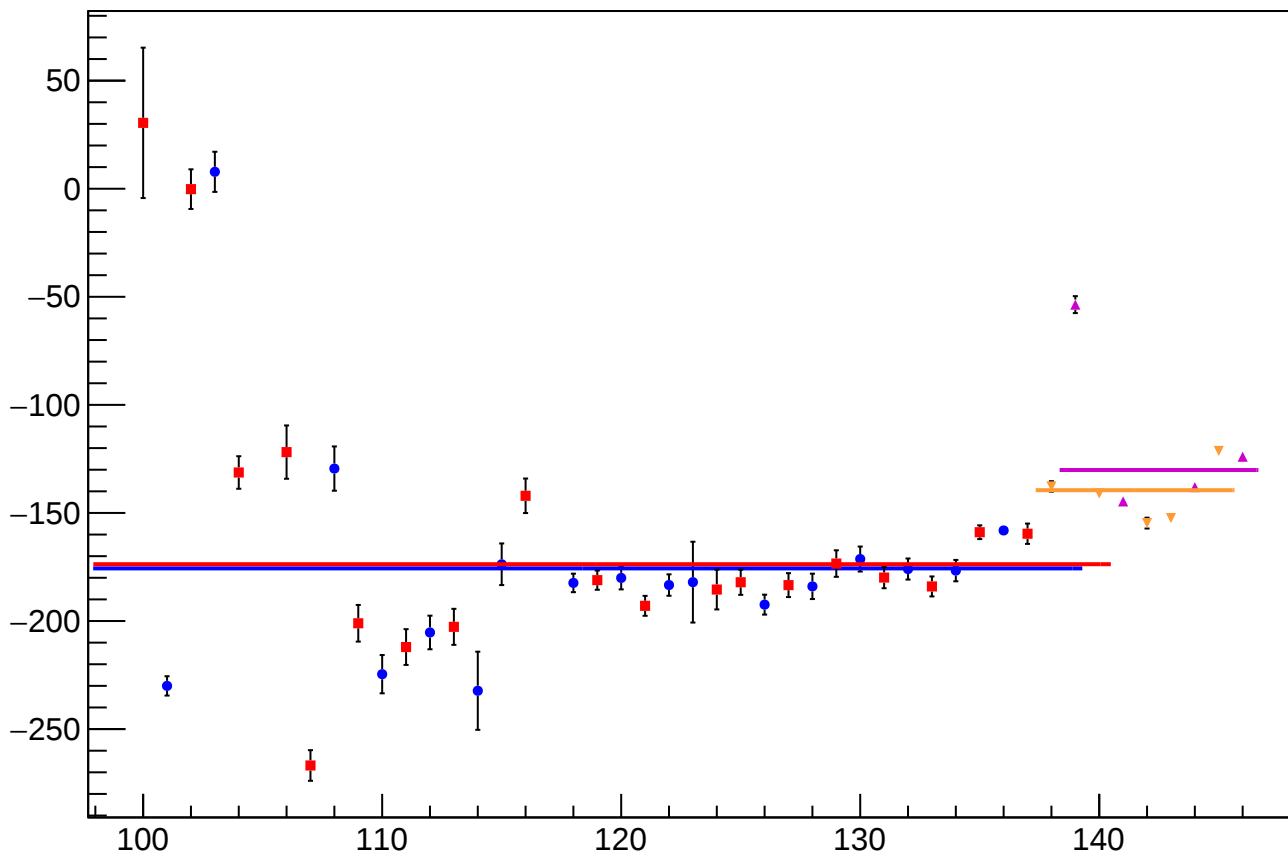
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -137.370 ± 0.987 $\chi^2/\text{NDF}: 521.8/20$

Out: -136.459 ± 0.947 $\chi^2/\text{NDF}: 546.3/23$

All: -136.896 ± 0.684 $\chi^2/\text{NDF}: 1068.5/44$

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: -130.138 ± 0.982 χ^2/NDF : 476.3/3

Left: -135.127 ± 0.670 χ^2/NDF : 711.1/8

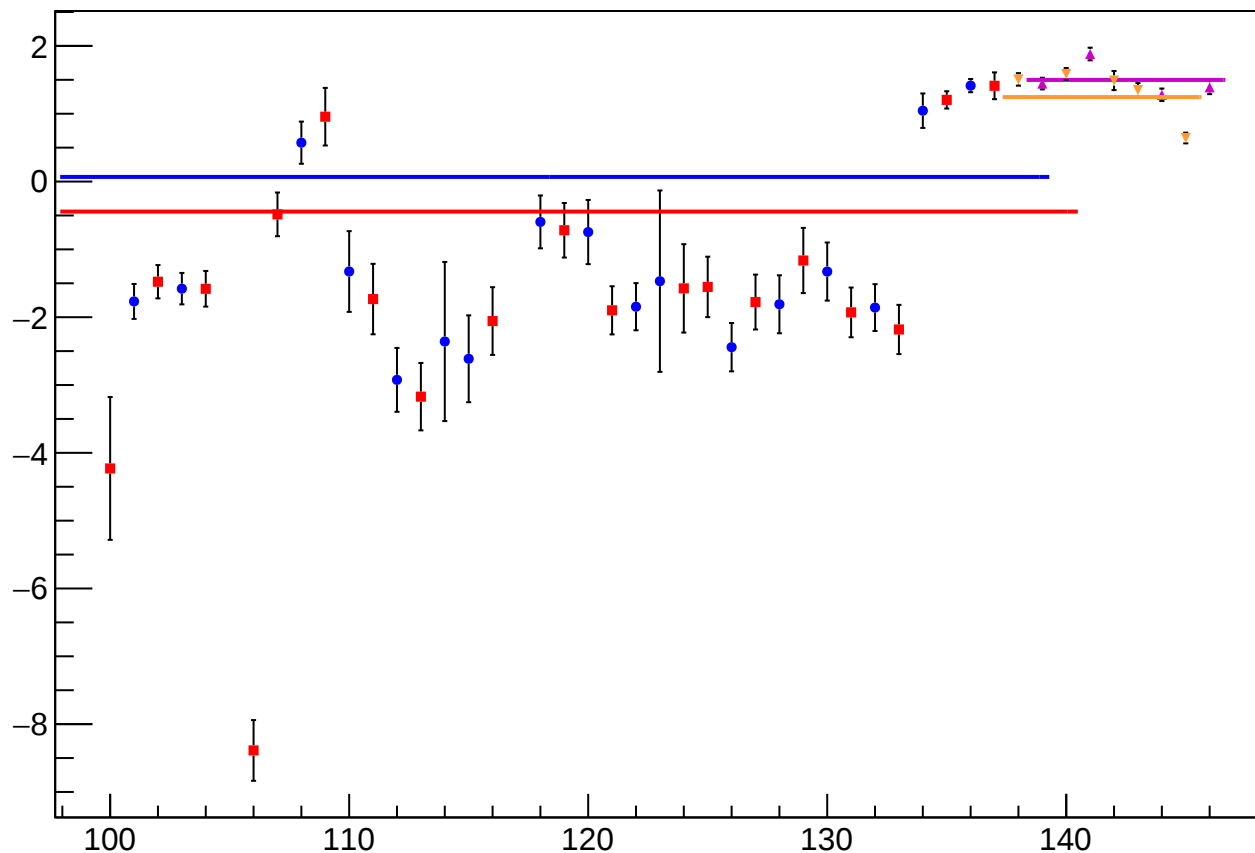
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -147.177 ± 0.777 χ^2/NDF : 1973.0/20

Out: -150.231 ± 0.759 χ^2/NDF : 1362.9/23

All: -148.739 ± 0.543 χ^2/NDF : 3343.8/44

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.246 $\pm$ 0.043 χ^2 /NDF:85.2/4

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.498 $\pm$ 0.046 χ^2 /NDF:24.0/3

Left: 1.362 $\pm$ 0.031 χ^2 /NDF: 125.4/8

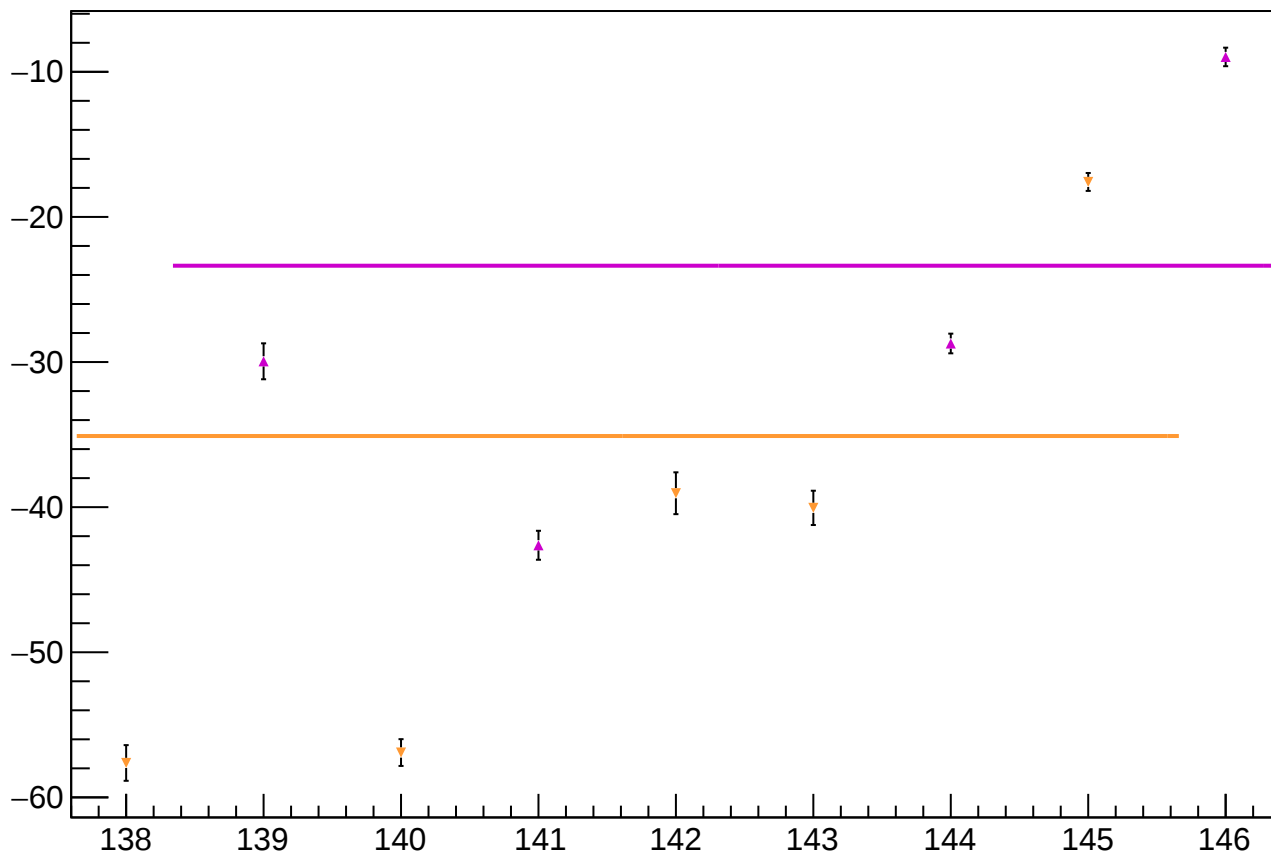
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.037 $\pm$ 0.038 χ^2 /NDF:858.4/20

Out: 0.799 $\pm$ 0.037 χ^2 /NDF:1256.1/23

All: 0.913 $\pm$ 0.026 χ^2 /NDF: 2134.7/44

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.098+/-0.420 χ^2/NDF :1724.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.361+/-0.399 χ^2/NDF :970.8/3

Left: -28.923+/-0.289 χ^2/NDF : 3105.7/8

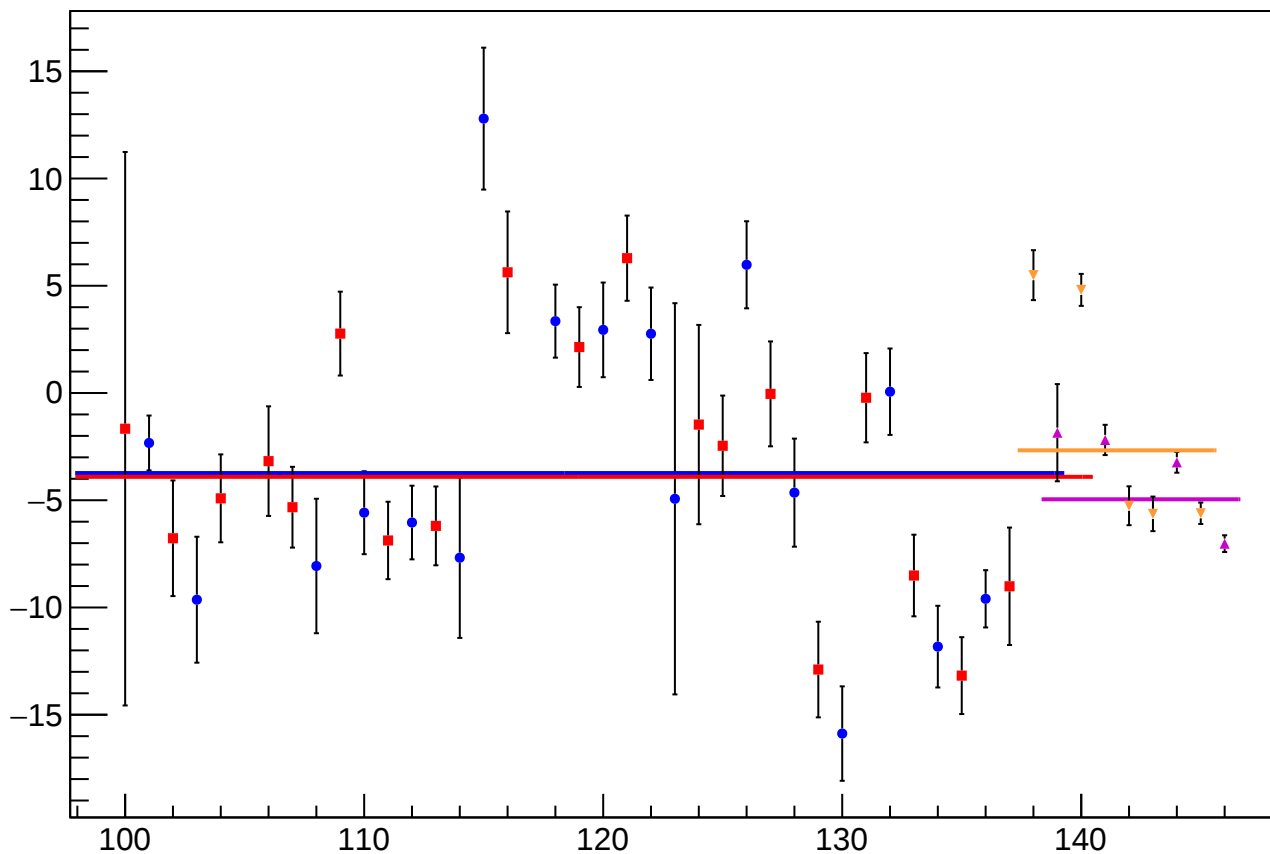
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.361+/-0.399 χ^2/NDF :970.8/3

Out: -35.098+/-0.420 χ^2/NDF :1724.7/4

All: -28.923+/-0.289 χ^2/NDF : 3105.7/8

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -2.673 ± 0.328 χ^2/NDF : 206.2/4

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -4.956 ± 0.277 χ^2/NDF : 58.0/3

Left: -4.006 ± 0.211 χ^2/NDF : 292.5/8

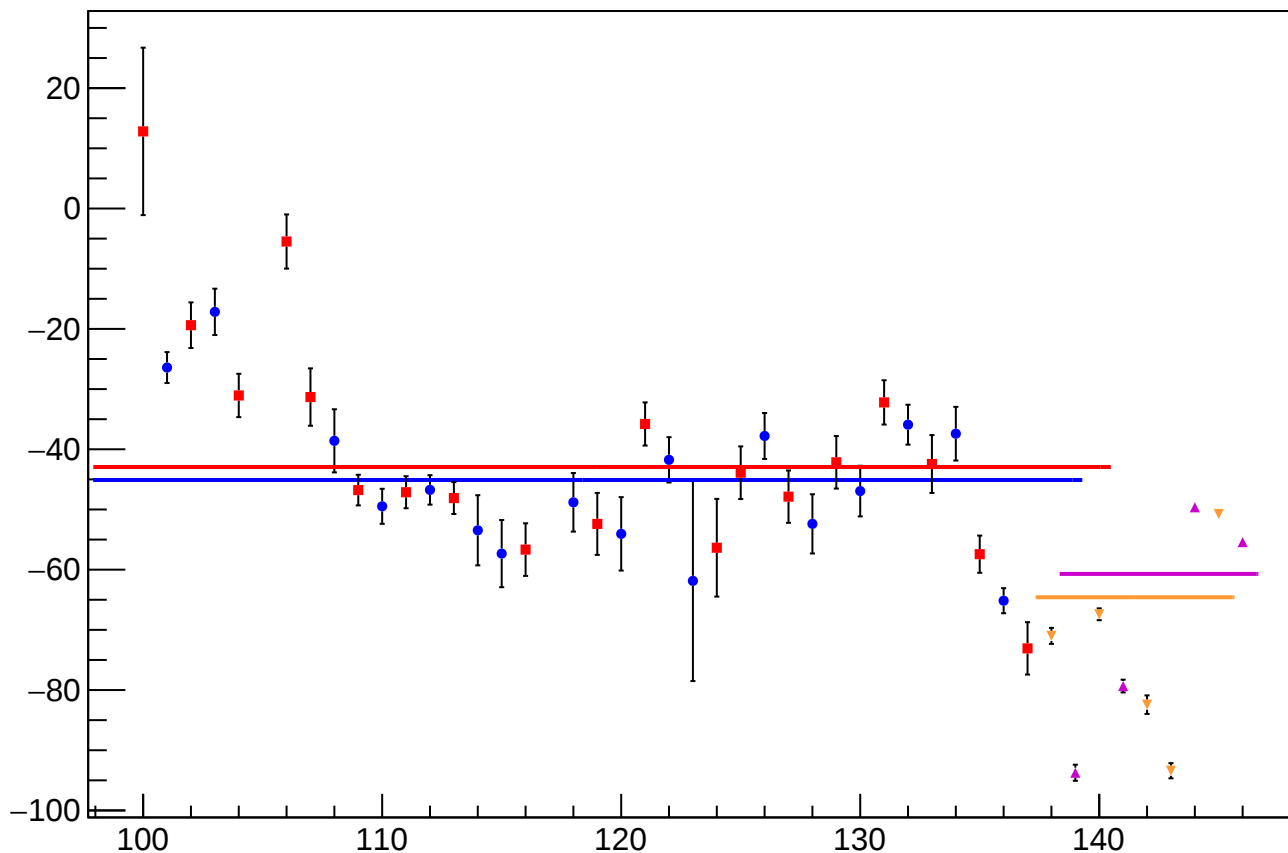
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -4.665 ± 0.242 χ^2/NDF : 228.5/20

Out: -3.038 ± 0.275 χ^2/NDF : 335.2/23

All: -3.956 ± 0.182 χ^2/NDF : 583.4/44

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: -60.705 ± 0.408 χ^2/NDF : 1223.8/3

Left: -62.465 ± 0.302 χ^2/NDF : 2398.8/8

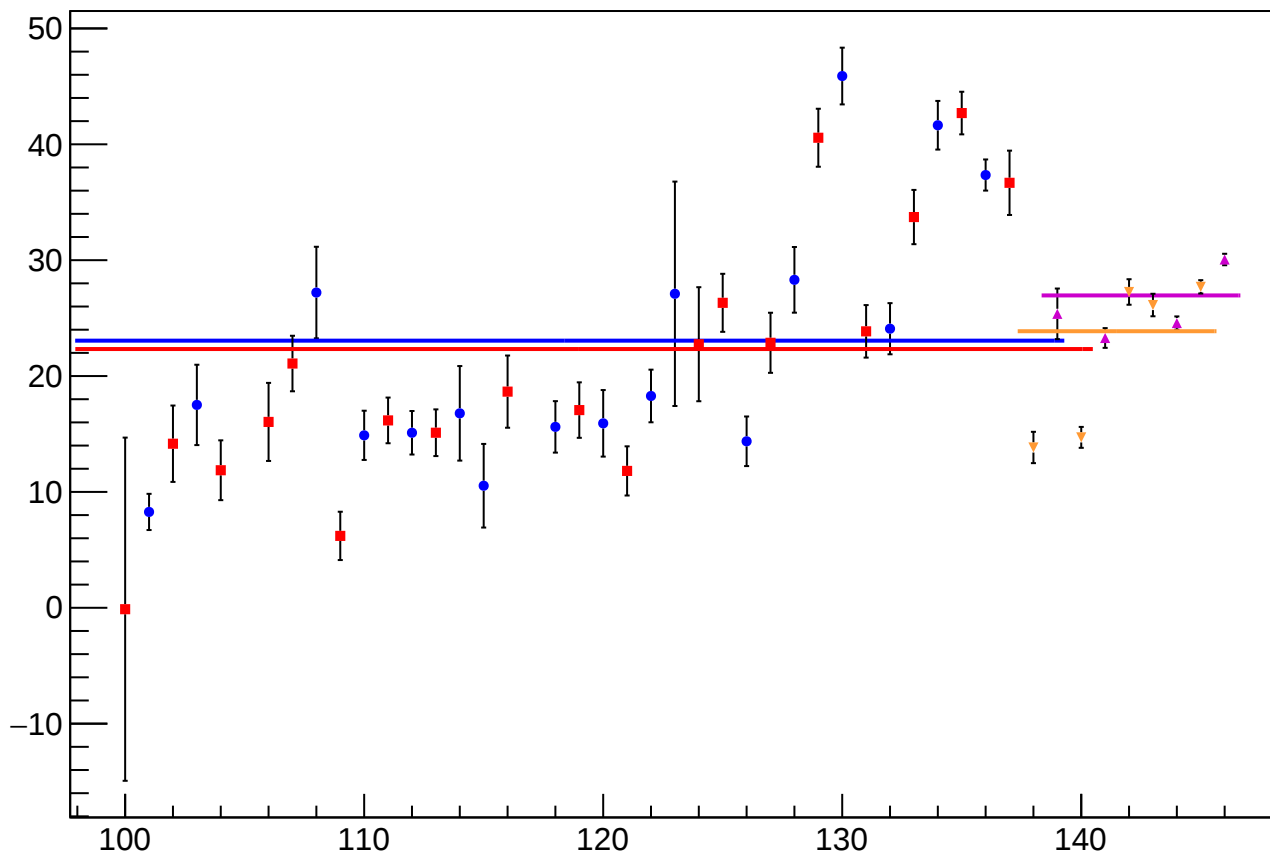
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -57.953 ± 0.371 χ^2/NDF : 1711.8/20

Out: -60.107 ± 0.399 χ^2/NDF : 1865.6/23

All: -58.951 ± 0.272 χ^2/NDF : 3593.0/44

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 23.869 $\pm$ 0.387 χ^2 /NDF: 217.2/4

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 26.958 $\pm$ 0.339 χ^2 /NDF: 75.7/3

Left: 25.619 $\pm$ 0.255 χ^2 /NDF: 328.9/8

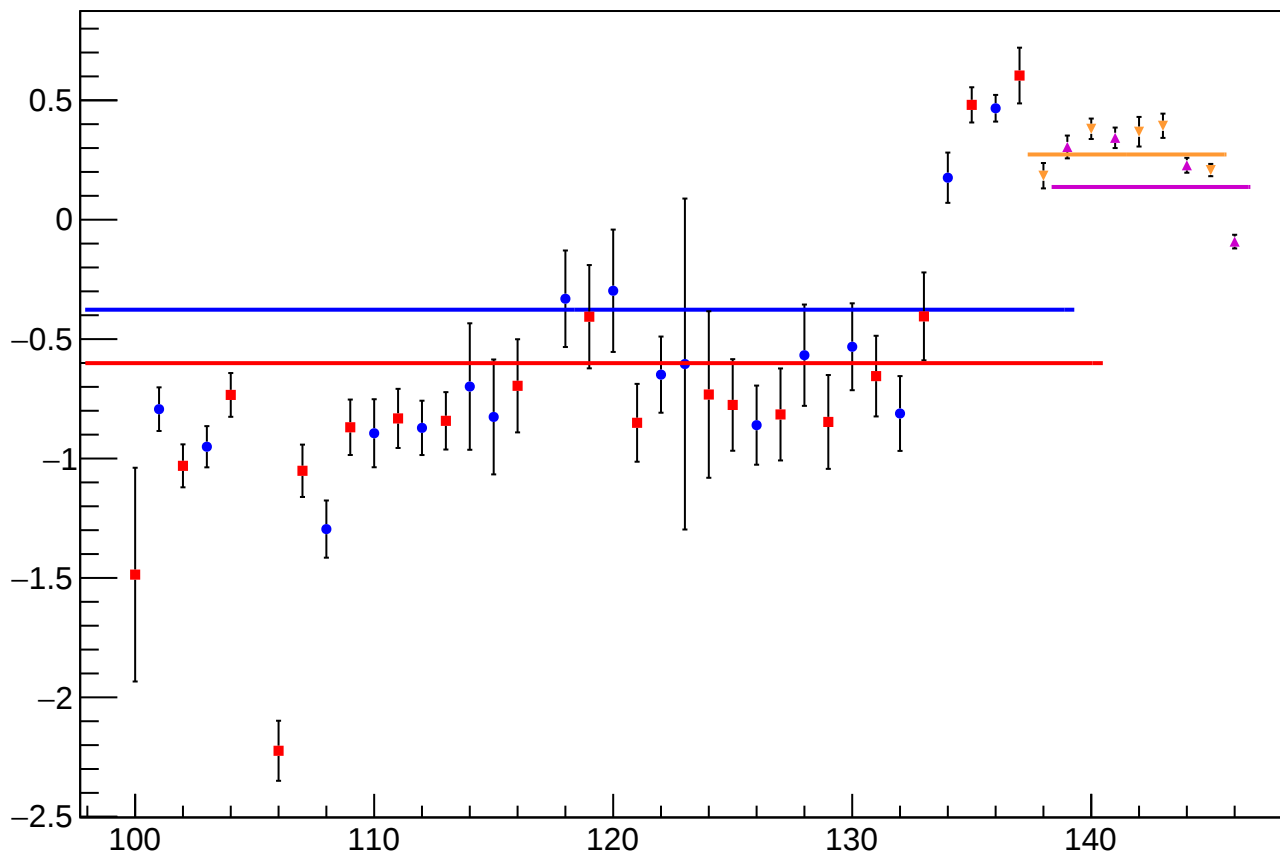
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 25.904 $\pm$ 0.289 χ^2 /NDF: 572.6/20

Out: 23.386 $\pm$ 0.321 χ^2 /NDF: 593.2/23

All: 24.774 $\pm$ 0.215 χ^2 /NDF: 1199.8/44

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: 0.137 ± 0.018 $\chi^2/\text{NDF}: 107.5/3$

Left: 0.203 ± 0.013 $\chi^2/\text{NDF}: 160.0/8$

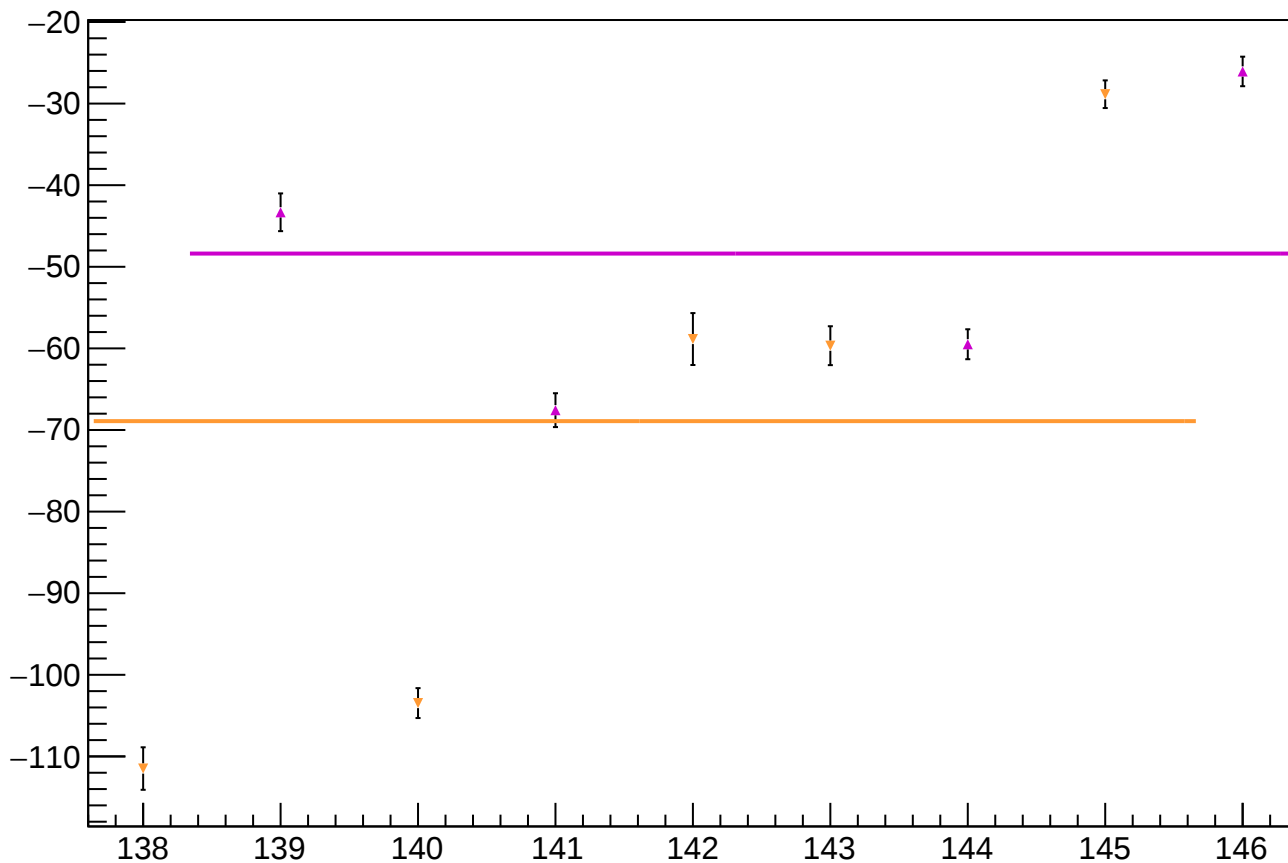
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.006 ± 0.015 $\chi^2/\text{NDF}: 762.0/20$

Out: 0.042 ± 0.016 $\chi^2/\text{NDF}: 1195.5/23$

All: 0.024 ± 0.011 $\chi^2/\text{NDF}: 1960.3/44$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.914+/-0.968 χ^2/NDF :1206.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.380+/-0.989 χ^2/NDF :279.0/3

Left: -58.875+/-0.692 χ^2/NDF : 1705.4/8

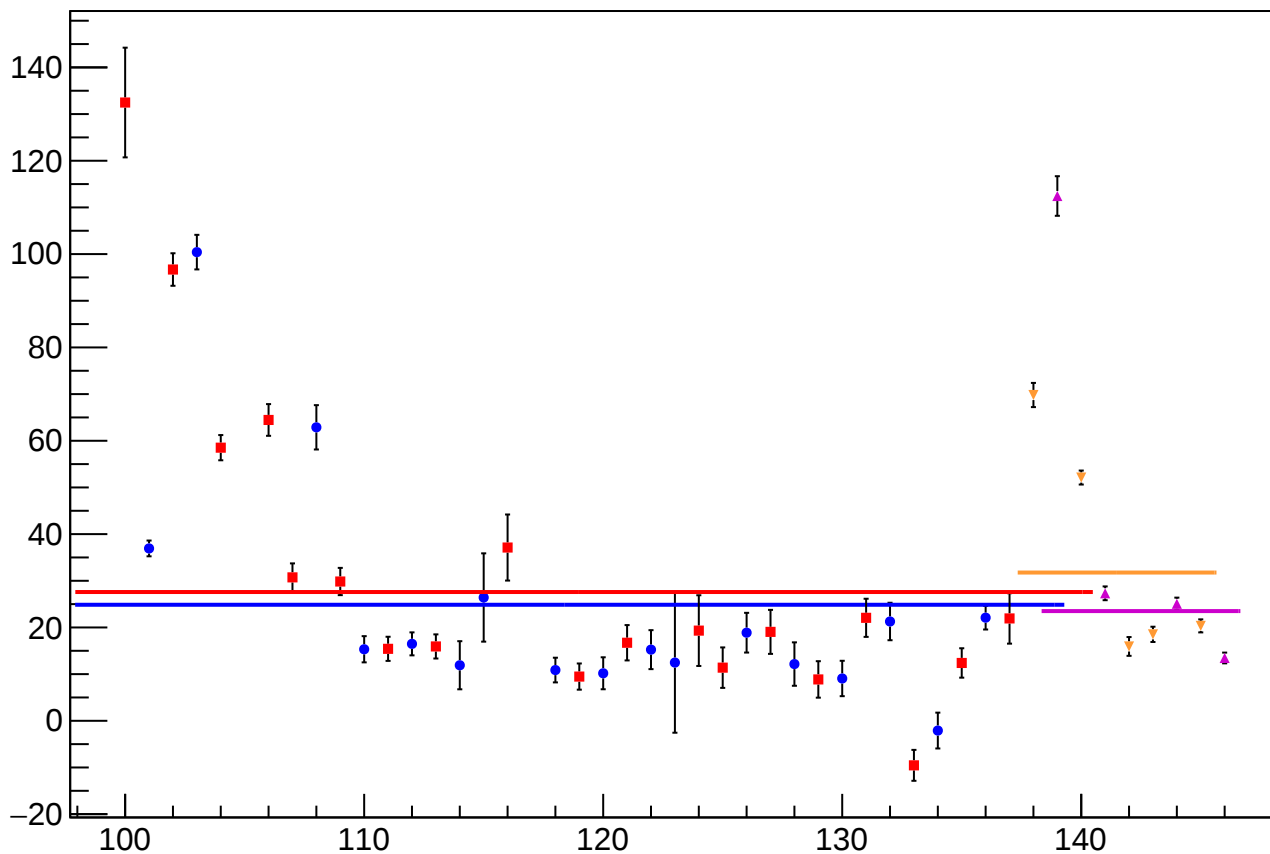
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.380+/-0.989 χ^2/NDF :279.0/3

Out: -68.914+/-0.968 χ^2/NDF :1206.2/4

All: -58.875+/-0.692 χ^2/NDF : 1705.4/8

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 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: 23.509 $\pm$ 0.735 χ^2 /NDF: 523.9/3

Left: 27.496 $\pm$ 0.529 χ^2 /NDF: 1178.7/8

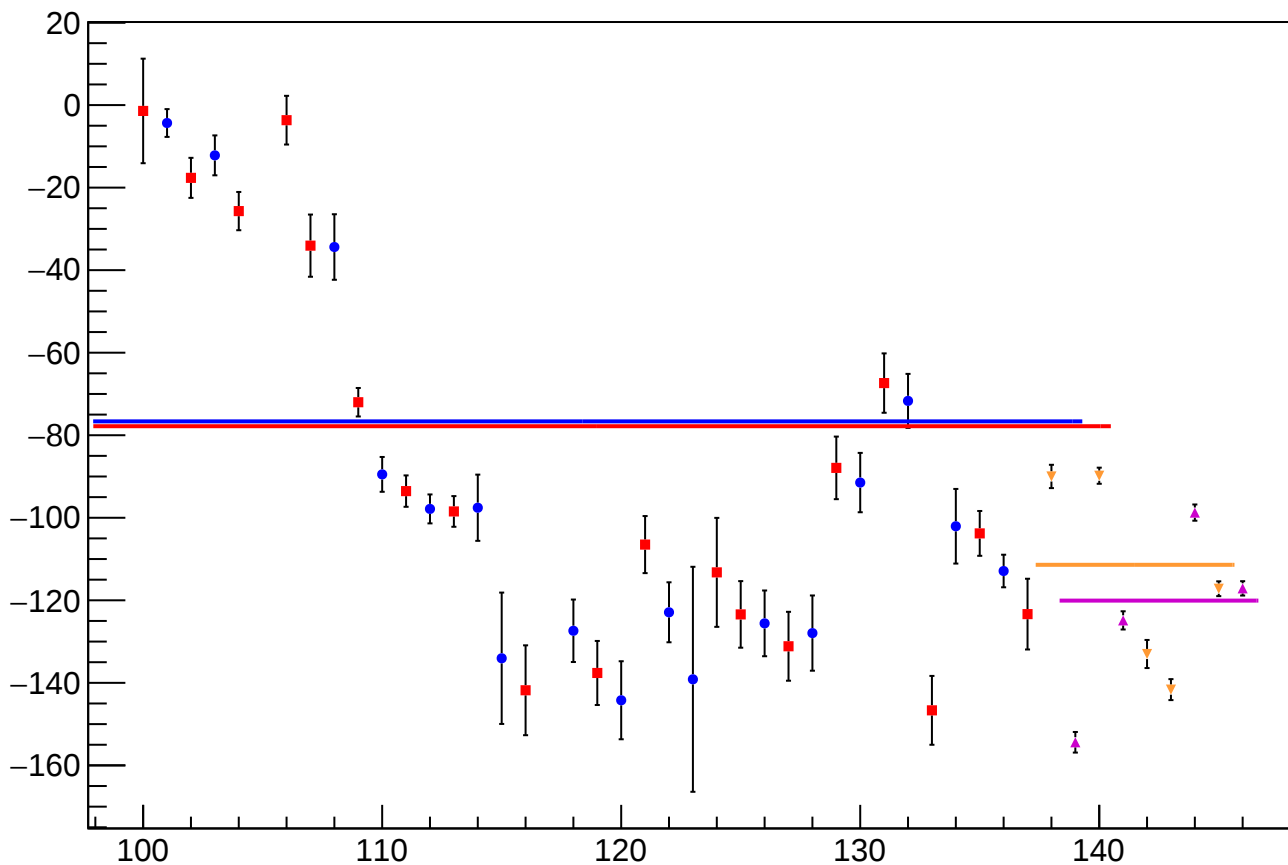
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 24.127 $\pm$ 0.542 χ^2 /NDF: 1216.4/20

Out: 29.810 $\pm$ 0.555 χ^2 /NDF: 1619.0/23

All: 26.903 $\pm$ 0.388 χ^2 /NDF: 2889.1/44

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -111.399 ± 1.031 χ^2/NDF : 372.2/4

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -120.072 ± 1.023 χ^2/NDF : 314.3/3

Left: -115.769 ± 0.726 χ^2/NDF : 722.1/8

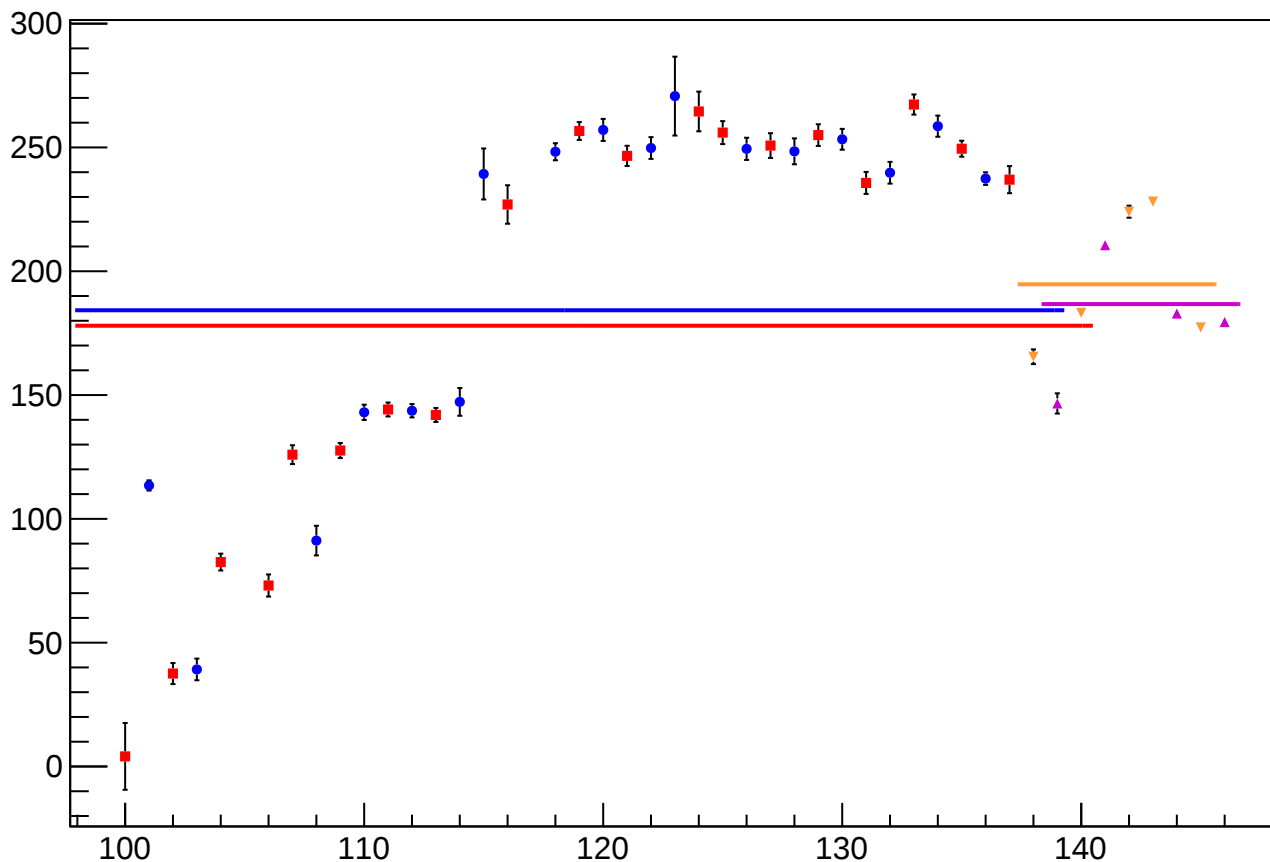
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -105.156 ± 0.829 χ^2/NDF : 1973.8/20

Out: -99.049 ± 0.820 χ^2/NDF : 1635.5/23

All: -102.068 ± 0.583 χ^2/NDF : 3636.7/44

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: 186.736 $\pm$ 0.884 χ^2 /NDF:307.1/3

Left: 190.665 $\pm$ 0.631 χ^2 /NDF: 1036.2/8

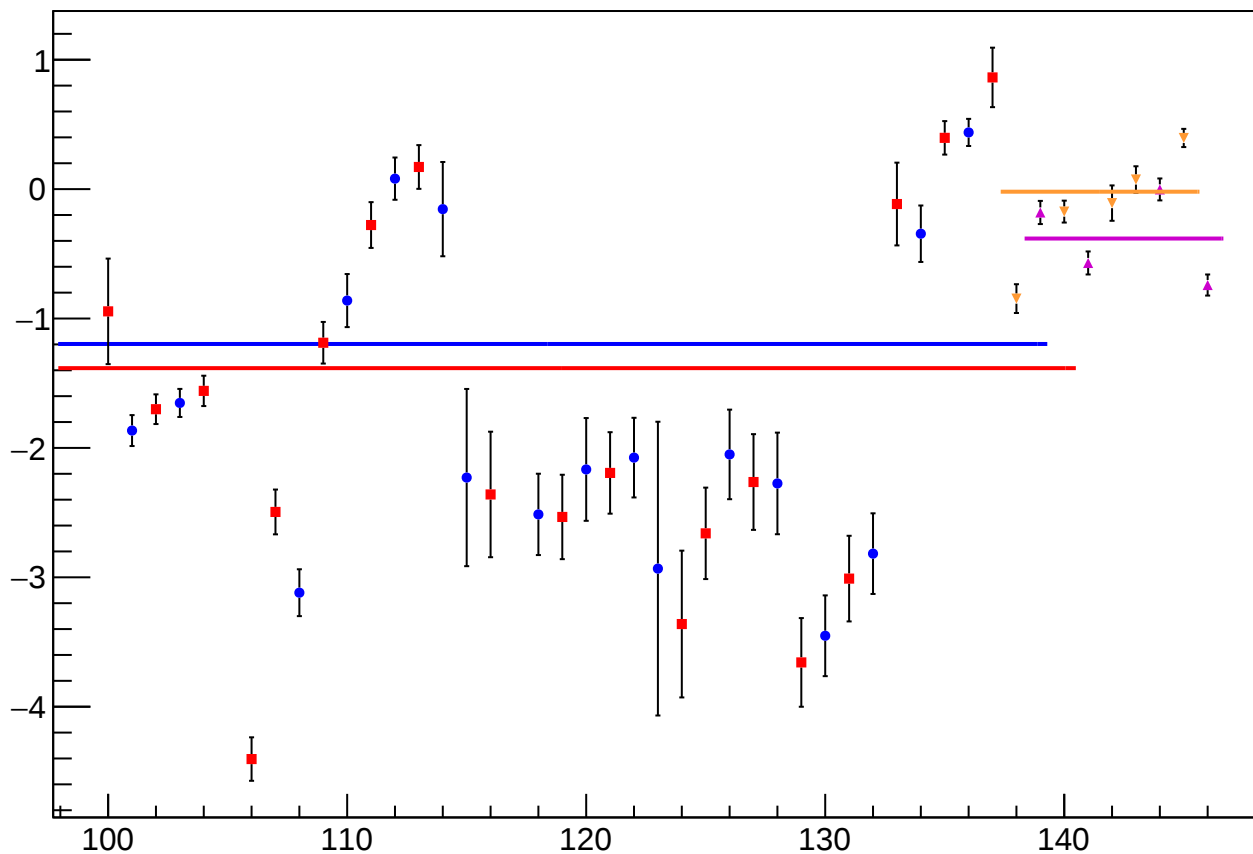
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 185.534 $\pm$ 0.636 χ^2 /NDF:5699.5/20

Out: 186.583 $\pm$ 0.645 χ^2 /NDF:7195.2/23

All: 186.051 $\pm$ 0.453 χ^2 /NDF: 12896.1/44

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: -0.382 ± 0.043 χ^2/NDF : 49.1/3

Left: -0.196 ± 0.030 χ^2/NDF : 180.1/8

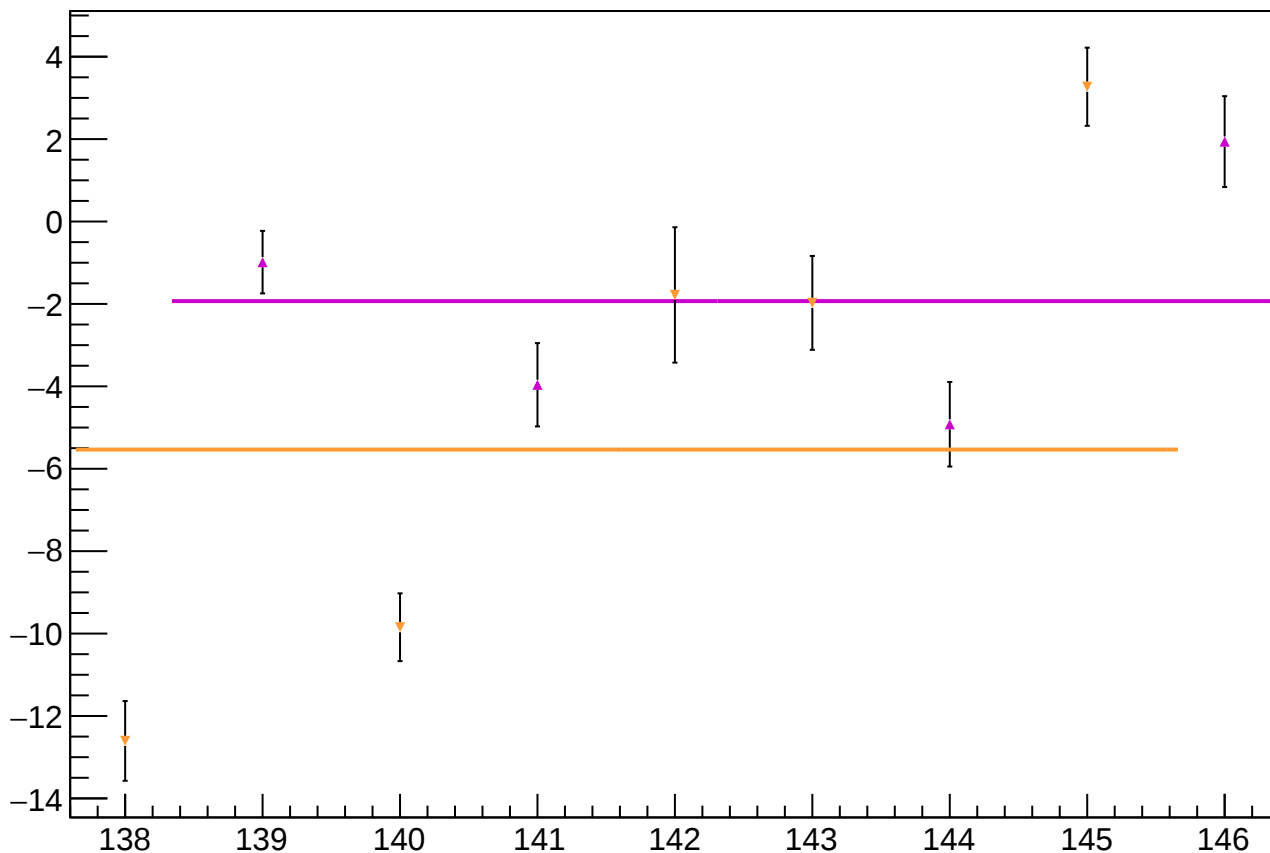
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.743 ± 0.032 χ^2/NDF : 830.0/20

Out: -0.640 ± 0.031 χ^2/NDF : 1501.6/23

All: -0.690 ± 0.022 χ^2/NDF : 2337.0/44

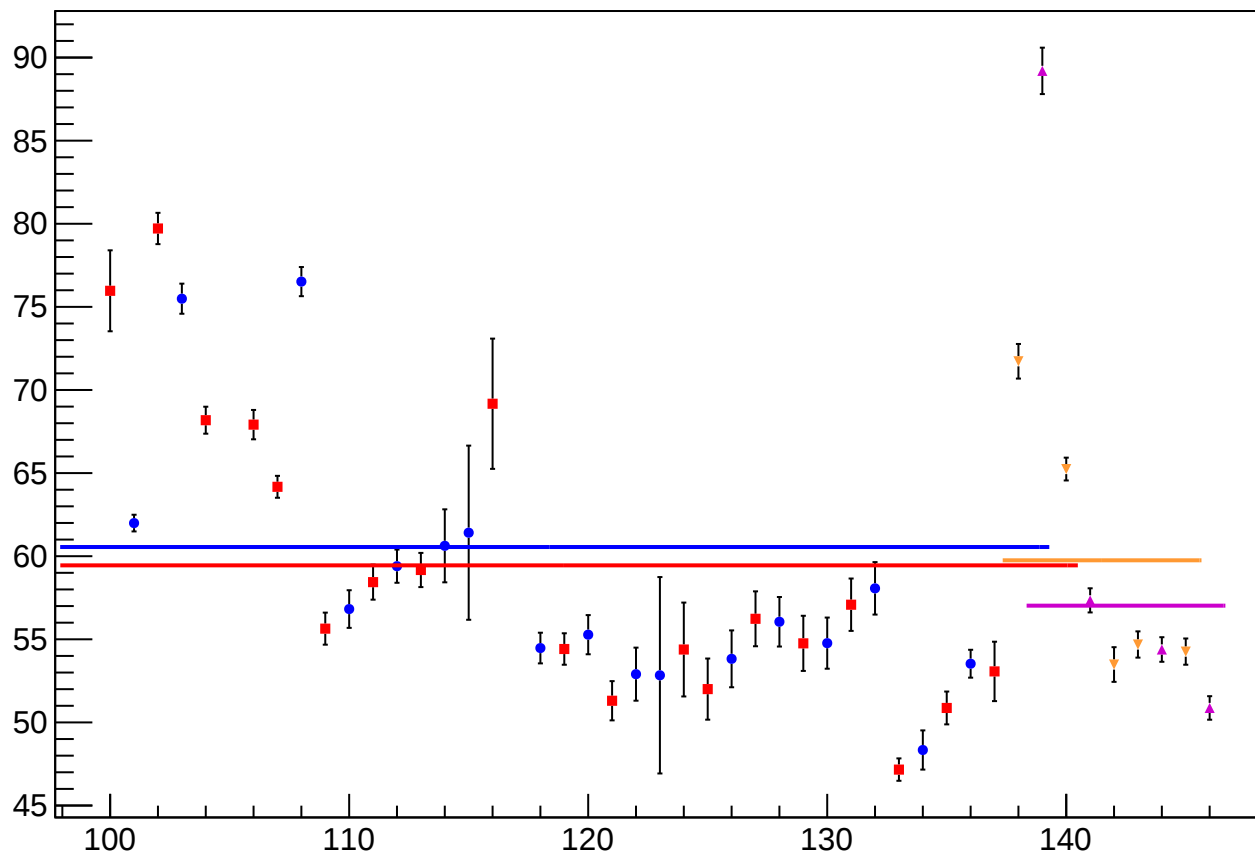
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.535+/-0.457 χ^2/NDF :182.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.931+/-0.472 χ^2/NDF :26.4/3

Left: -3.793+/-0.328 χ^2/NDF : 238.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.931+/-0.472 χ^2/NDF :26.4/3
 Out: -5.535+/-0.457 χ^2/NDF :182.0/4
 All: -3.793+/-0.328 χ^2/NDF : 238.5/8

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 59.753 ± 0.373 $\chi^2/\text{NDF}: 321.9/4$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 57.024 ± 0.400 $\chi^2/\text{NDF}: 619.6/3$

Left: 58.484 ± 0.273 $\chi^2/\text{NDF}: 966.4/8$

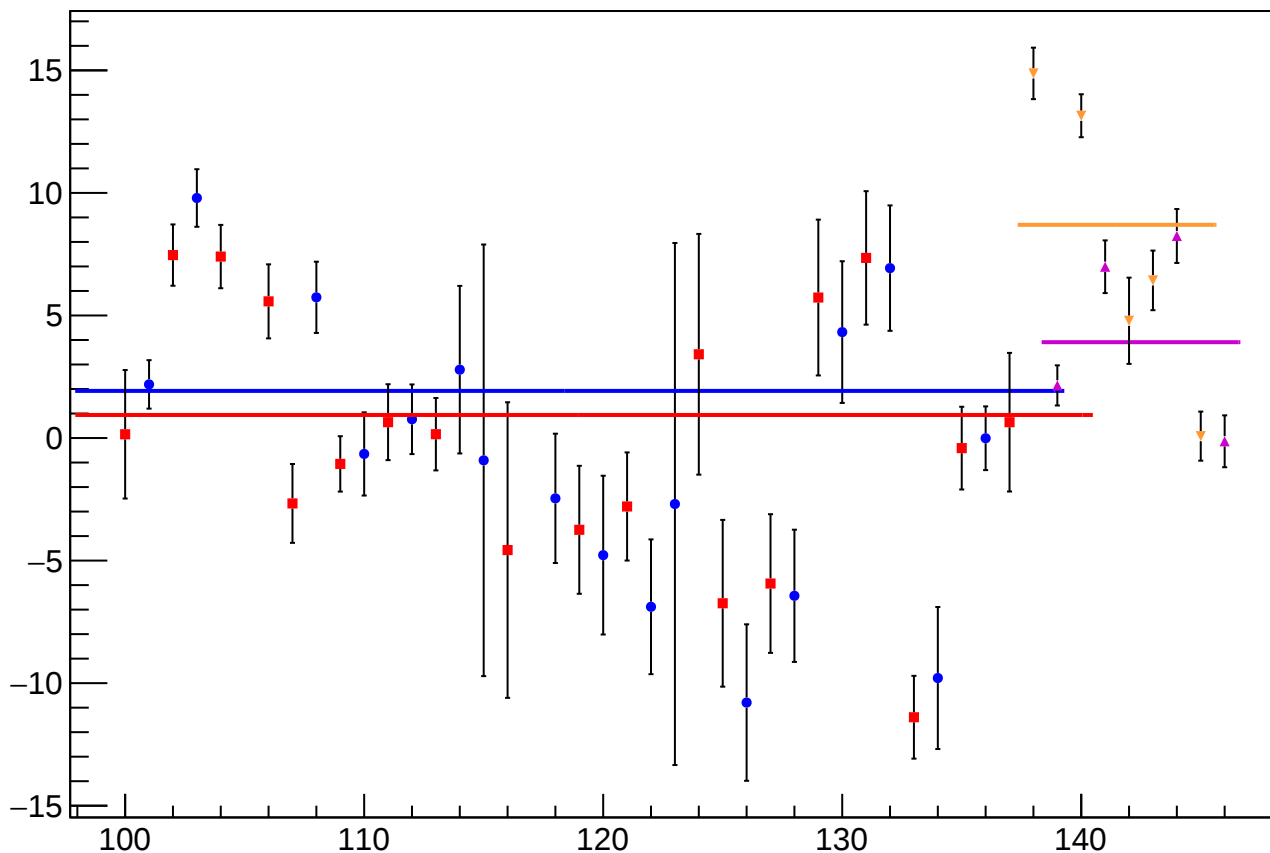
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 59.496 ± 0.219 $\chi^2/\text{NDF}: 1605.0/20$

Out: 59.542 ± 0.206 $\chi^2/\text{NDF}: 1643.6/23$

All: 59.520 ± 0.150 $\chi^2/\text{NDF}: 3248.7/44$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 8.699 ± 0.488 χ^2/NDF : 142.9/4

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 3.910 ± 0.495 χ^2/NDF : 43.0/3

Left: 6.341 ± 0.347 χ^2/NDF : 233.3/8

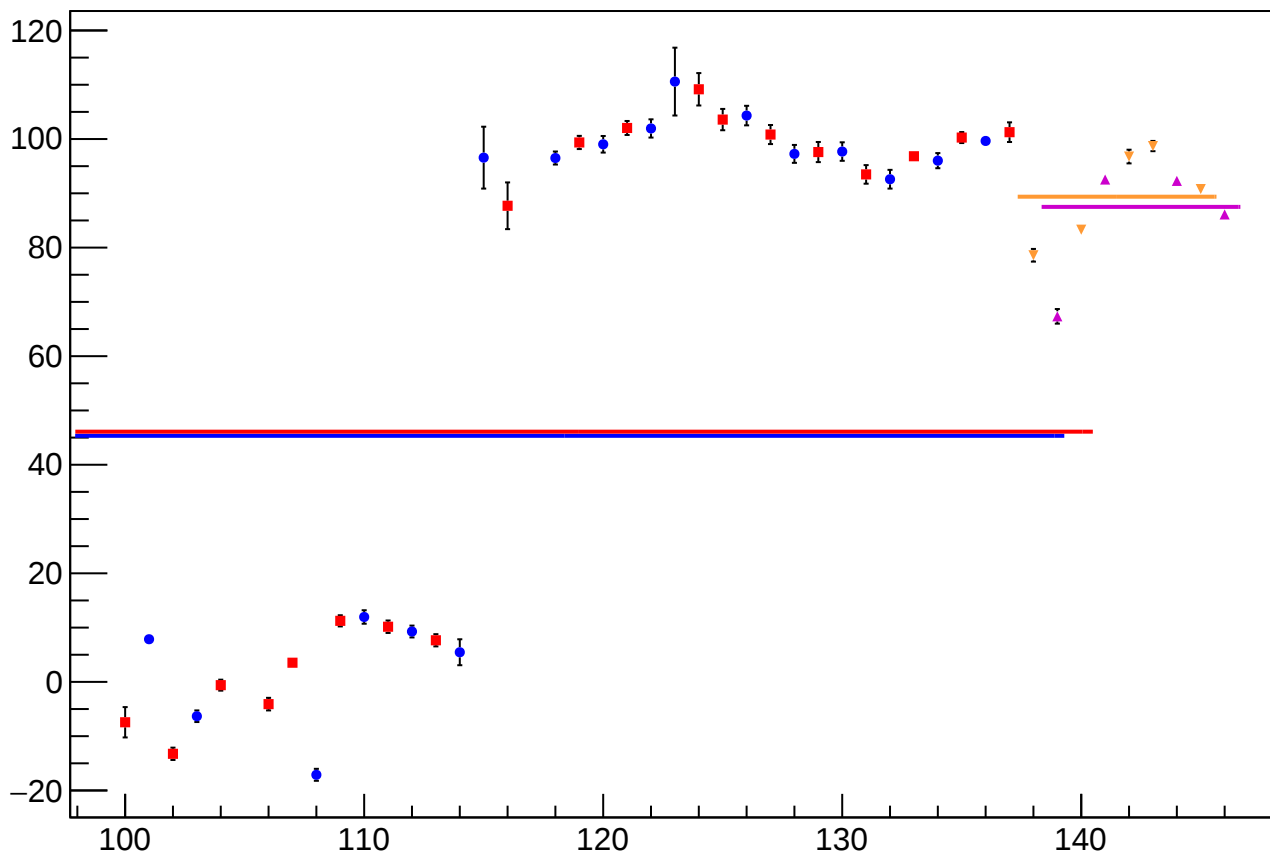
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 2.840 ± 0.336 χ^2/NDF : 172.7/20

Out: 4.281 ± 0.320 χ^2/NDF : 437.2/23

All: 3.596 ± 0.232 χ^2/NDF : 619.6/44

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: 87.502 $\pm$ 0.472 χ^2 /NDF:290.4/3

Left: 88.506 $\pm$ 0.322 χ^2 /NDF: 572.7/8

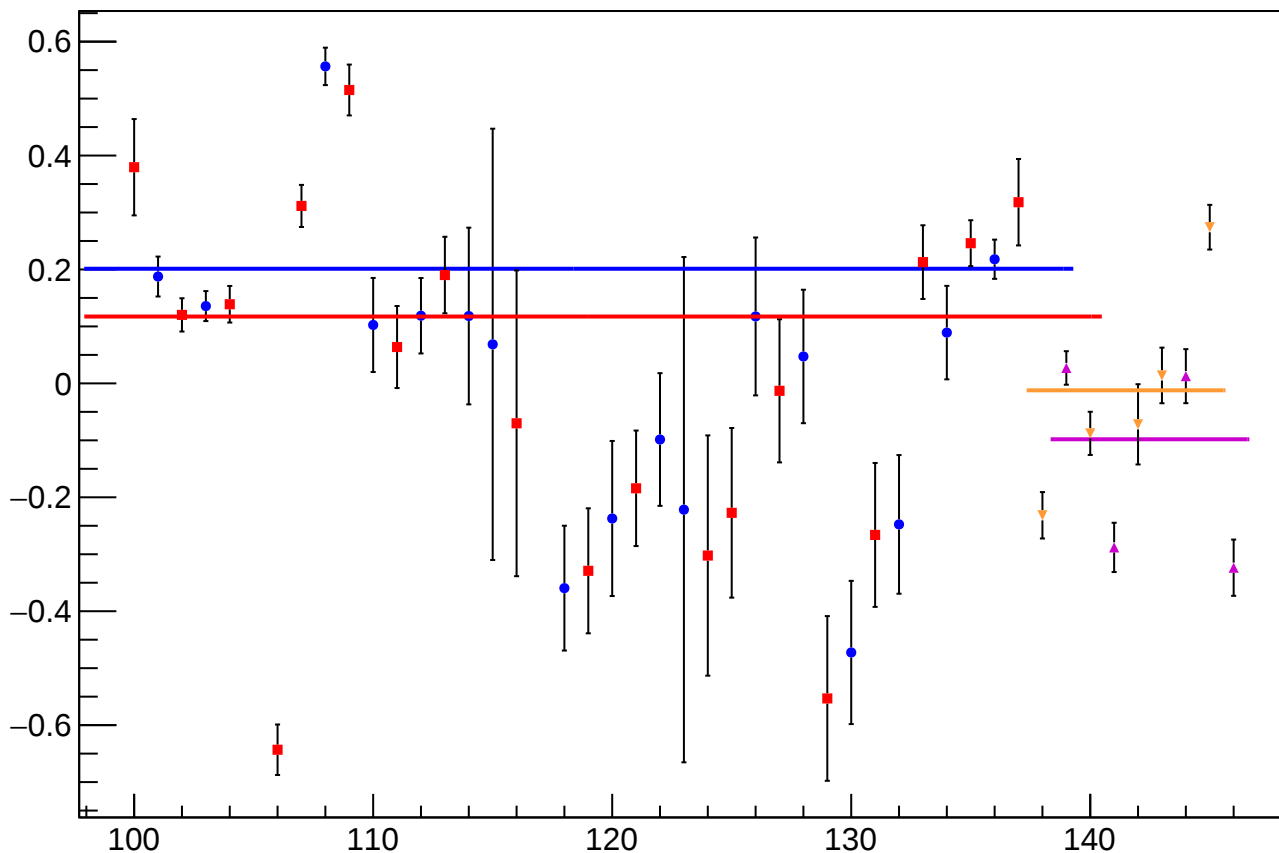
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 57.687 $\pm$ 0.255 χ^2 /NDF:30950.3/20

Out: 59.171 $\pm$ 0.242 χ^2 /NDF:35309.1/23

All: 58.470 $\pm$ 0.175 χ^2 /NDF: 66277.2/44

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: -0.098 ± 0.020 χ^2/NDF : 63.7/3

Left: -0.055 ± 0.014 χ^2/NDF : 160.4/8

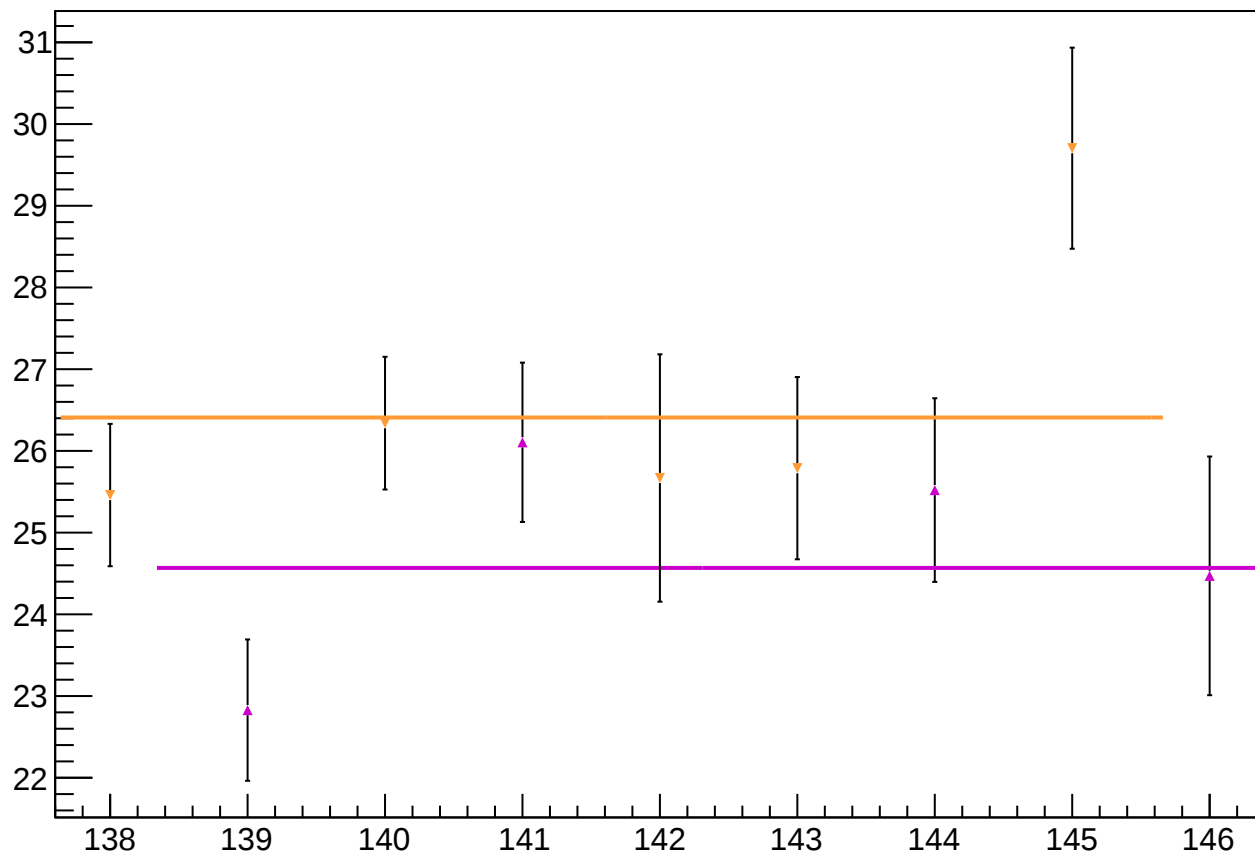
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.101 ± 0.011 χ^2/NDF : 432.8/20

Out: 0.078 ± 0.011 χ^2/NDF : 616.8/23

All: 0.089 ± 0.008 χ^2/NDF : 1051.7/44

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.409 $\pm$ 0.460 χ^2 /NDF:8.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Left: 25.608 $\pm$ 0.345 χ^2 /NDF: 23.2/8

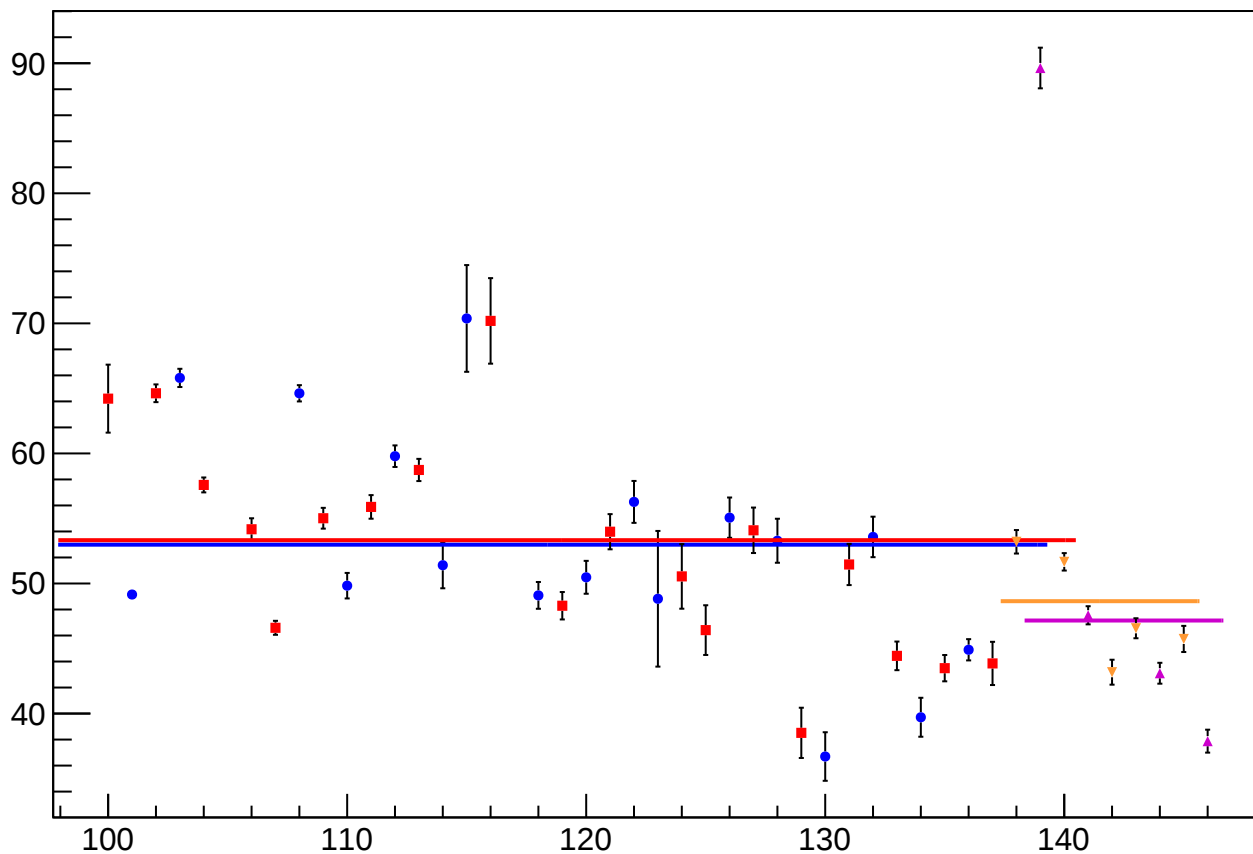
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.568 $\pm$ 0.523 χ^2 /NDF:7.3/3

Out: 26.409 $\pm$ 0.460 χ^2 /NDF:8.9/4

All: 25.608 $\pm$ 0.345 χ^2 /NDF: 23.2/8

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 48.640 $\pm$ 0.372 χ^2 /NDF:94.1/4

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 47.153 $\pm$ 0.434 χ^2 /NDF:874.9/3

Left: 48.010 $\pm$ 0.283 χ^2 /NDF: 975.7/8

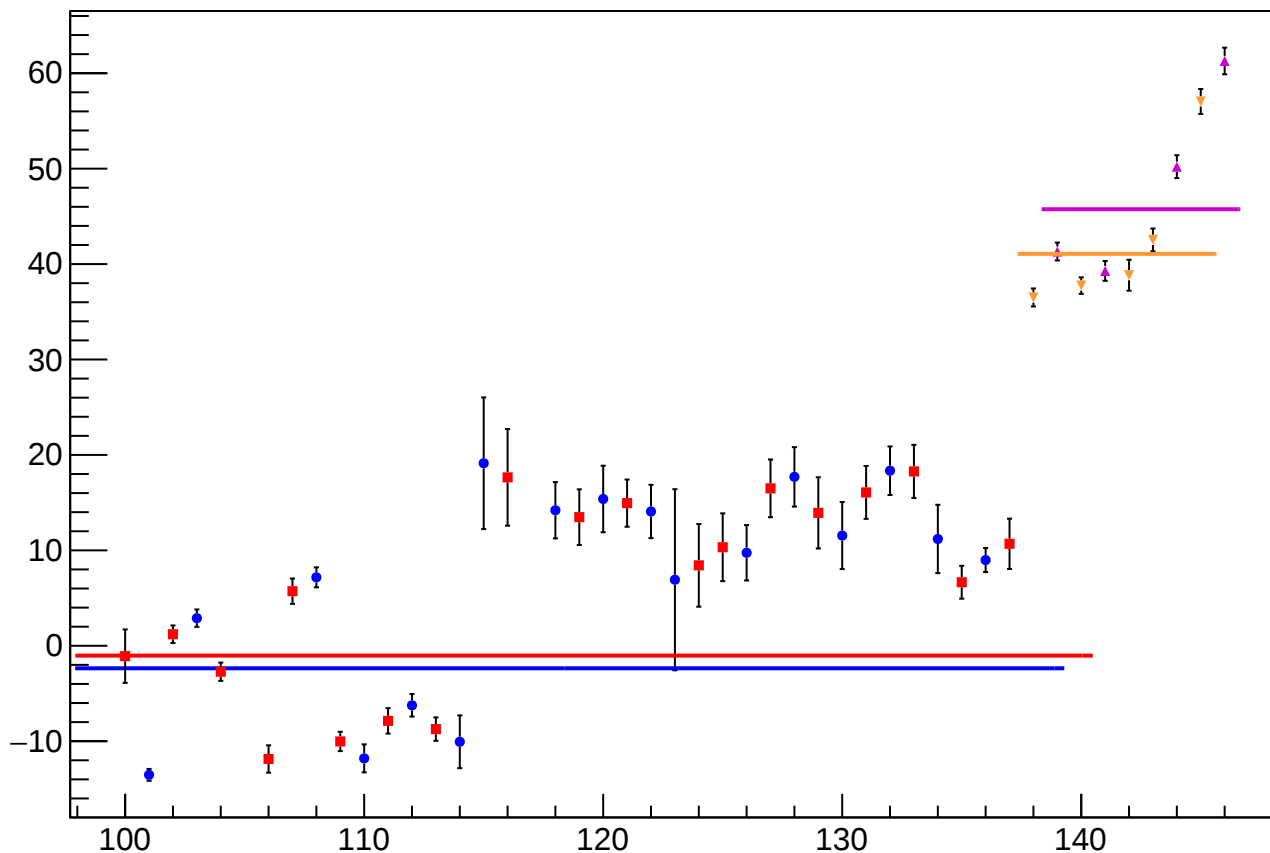
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 51.877 $\pm$ 0.189 χ^2 /NDF:2218.9/20

Out: 52.062 $\pm$ 0.193 χ^2 /NDF:1083.8/23

All: 51.968 $\pm$ 0.135 χ^2 /NDF: 3303.1/44

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: 45.746 ± 0.552 χ^2/NDF : 199.0/3

Left: 43.138 ± 0.367 χ^2/NDF : 430.3/8

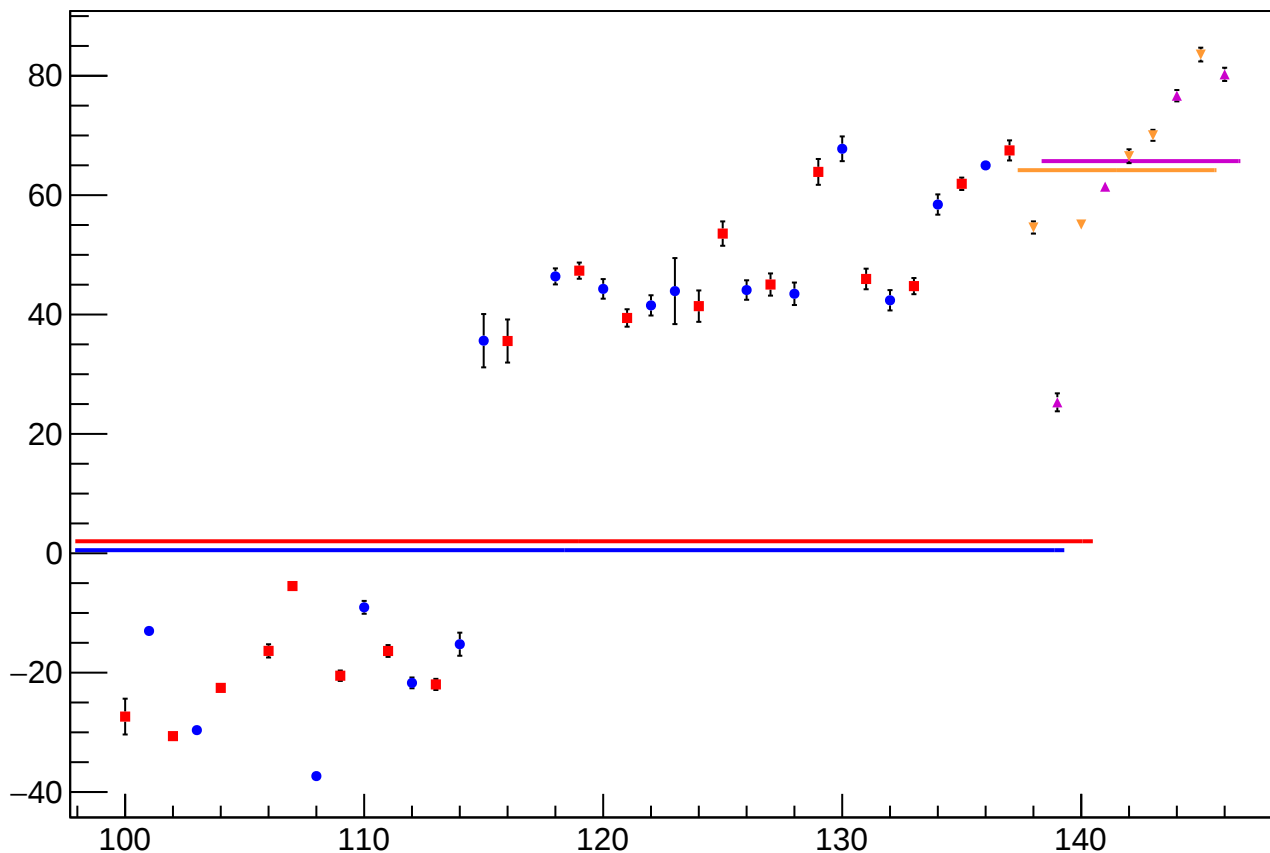
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 12.211 ± 0.304 χ^2/NDF : 6323.2/20

Out: 14.535 ± 0.299 χ^2/NDF : 5314.4/23

All: 13.392 ± 0.213 χ^2/NDF : 11667.3/44

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 64.186 ± 0.441 χ^2/NDF : 539.9/4

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 65.703 ± 0.514 χ^2/NDF : 1051.3/3

Left: 64.828 ± 0.335 χ^2/NDF : 1596.2/8

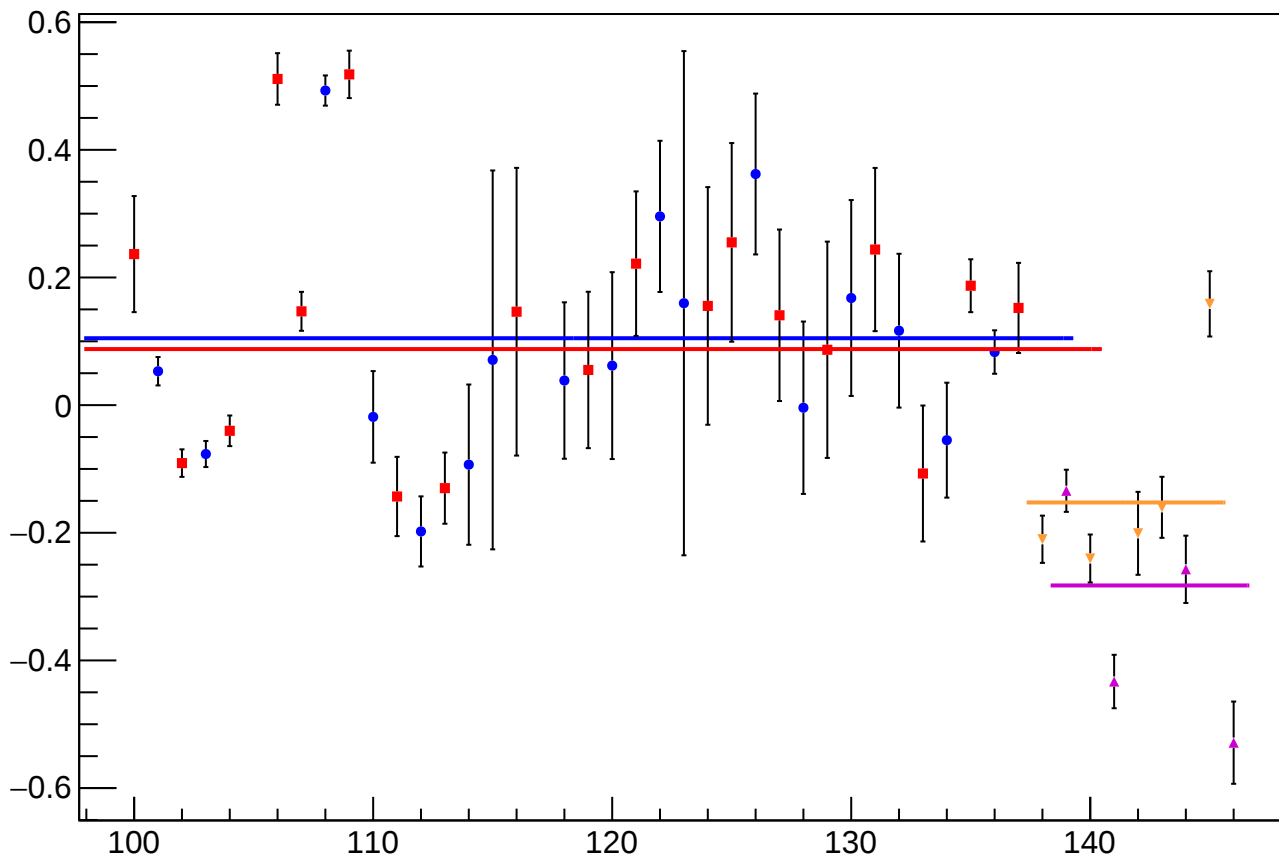
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 12.732 ± 0.223 χ^2/NDF : 32495.5/20

Out: 18.657 ± 0.228 χ^2/NDF : 30601.1/23

All: 15.625 ± 0.159 χ^2/NDF : 63442.4/44

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.153 ± 0.020 χ^2/NDF : 45.5/4

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.283 ± 0.022 χ^2/NDF : 48.0/3

Left: -0.212 ± 0.015 χ^2/NDF : 112.7/8

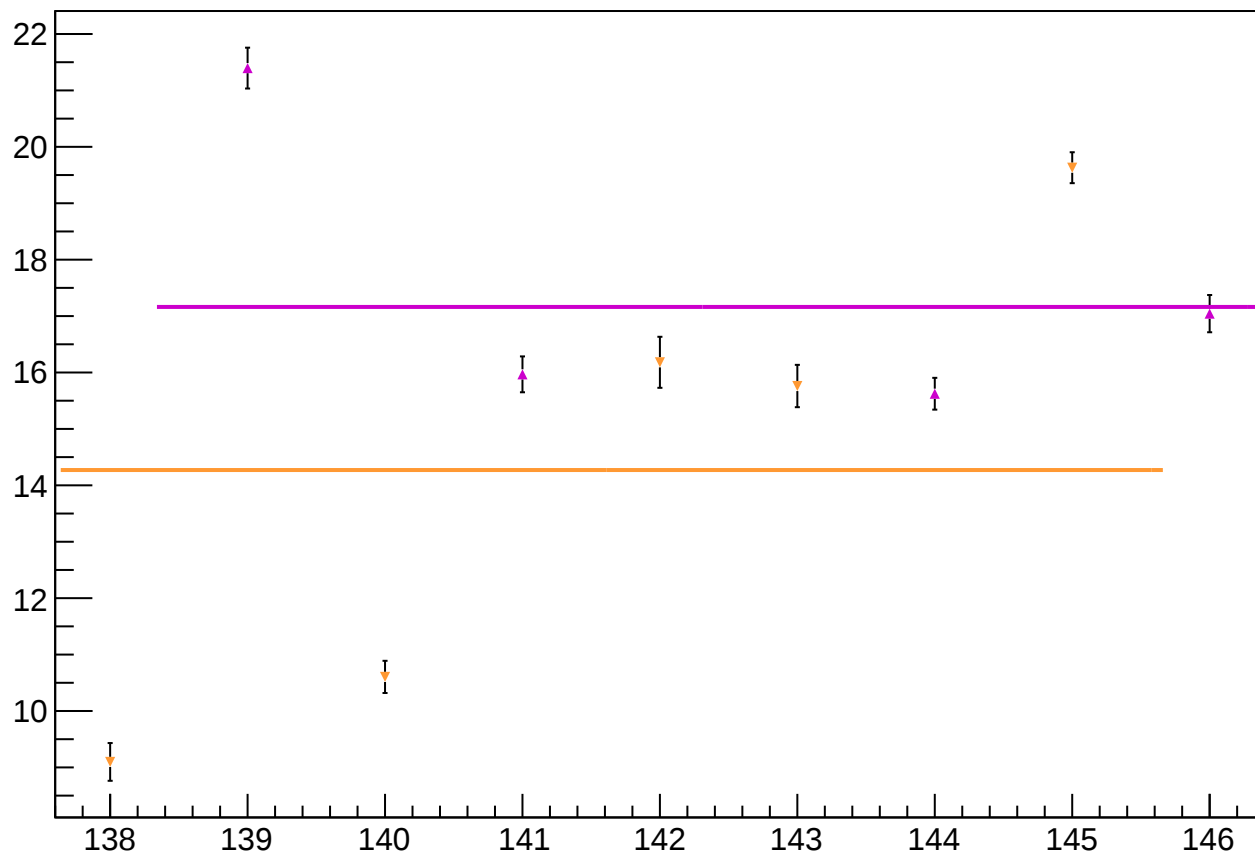
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: 0.026 ± 0.010 χ^2/NDF : 698.7/20

Out: 0.032 ± 0.010 χ^2/NDF : 547.2/23

All: 0.029 ± 0.007 χ^2/NDF : 1246.1/44

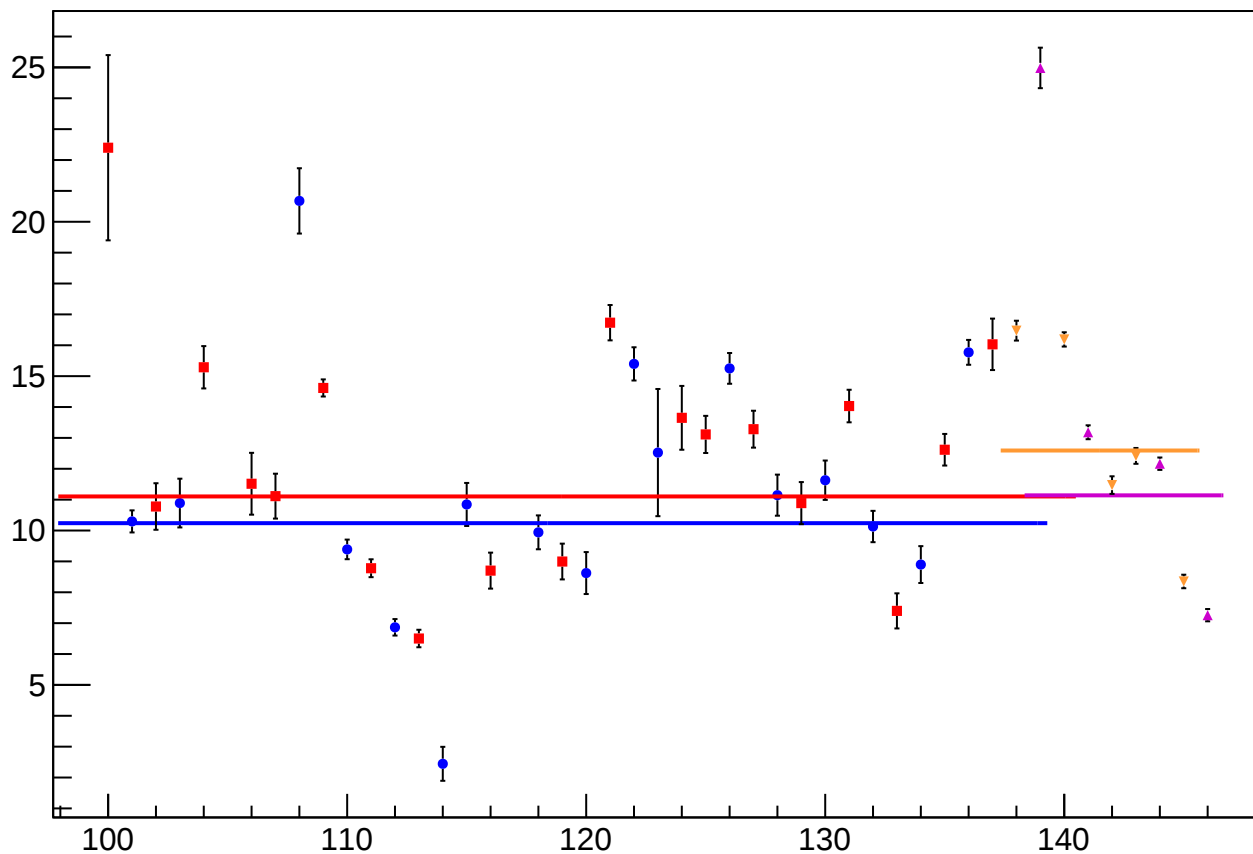
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.271+/-0.147 χ^2/NDF : 820.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.162+/-0.160 χ^2/NDF : 180.8/3

Left: 15.595+/-0.108 χ^2/NDF : 1178.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.162+/-0.160 χ^2/NDF : 180.8/3
 Out: 14.271+/-0.147 χ^2/NDF : 820.1/4
 All: 15.595+/-0.108 χ^2/NDF : 1178.9/8

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 12.591 ± 0.114 $\chi^2/\text{NDF}: 777.5/4$

Right Out: 11.104 ± 0.116 $\chi^2/\text{NDF}: 815.2/18$

Left In: 11.139 ± 0.118 $\chi^2/\text{NDF}: 933.7/3$

Left: 11.888 ± 0.082 $\chi^2/\text{NDF}: 1789.5/8$

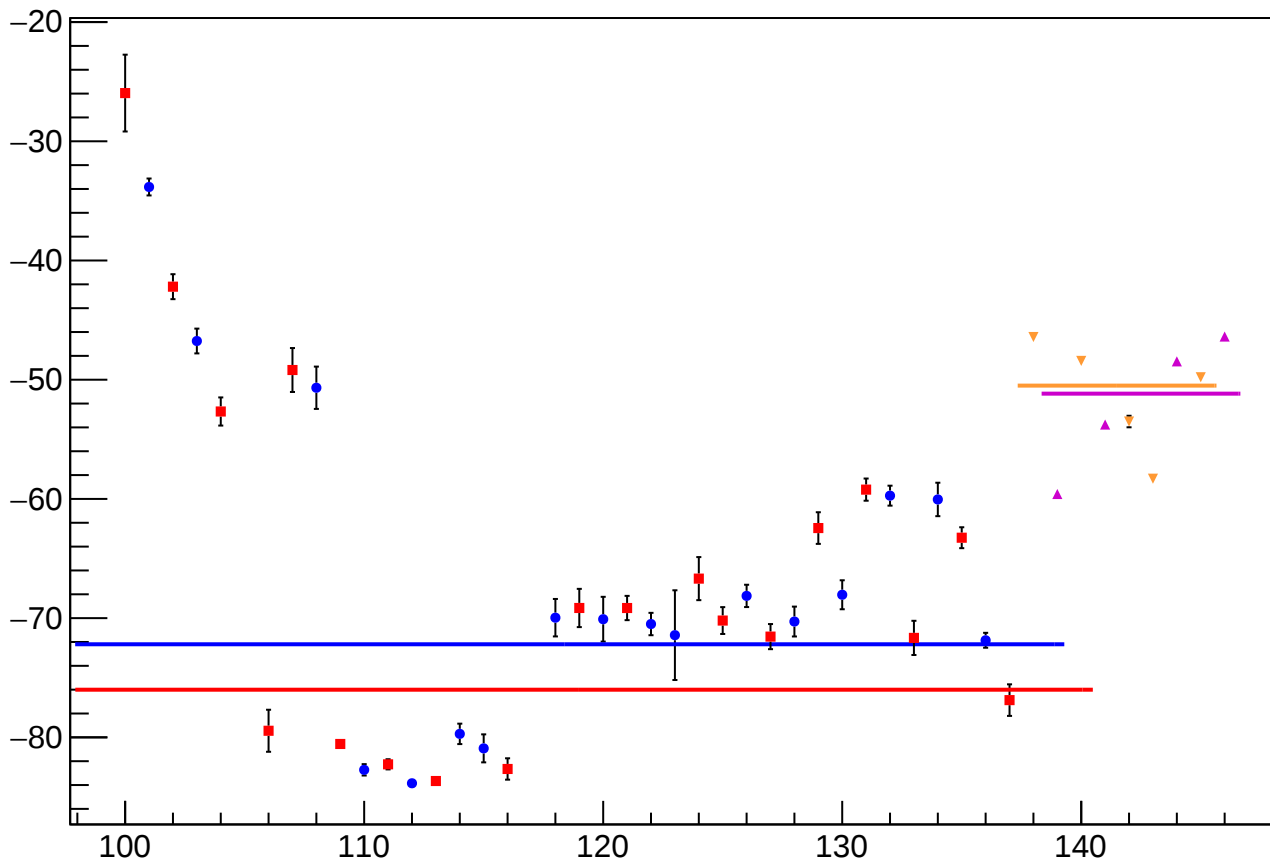
Right: 10.681 ± 0.083 $\chi^2/\text{NDF}: 1709.6/35$

In: 10.694 ± 0.084 $\chi^2/\text{NDF}: 1830.0/20$

Out: 11.861 ± 0.082 $\chi^2/\text{NDF}: 1675.9/23$

All: 11.294 ± 0.058 $\chi^2/\text{NDF}: 3605.8/44$

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: -51.169 ± 0.166 χ^2/NDF : 829.8/3

Left: -50.813 ± 0.114 χ^2/NDF : 1436.8/8

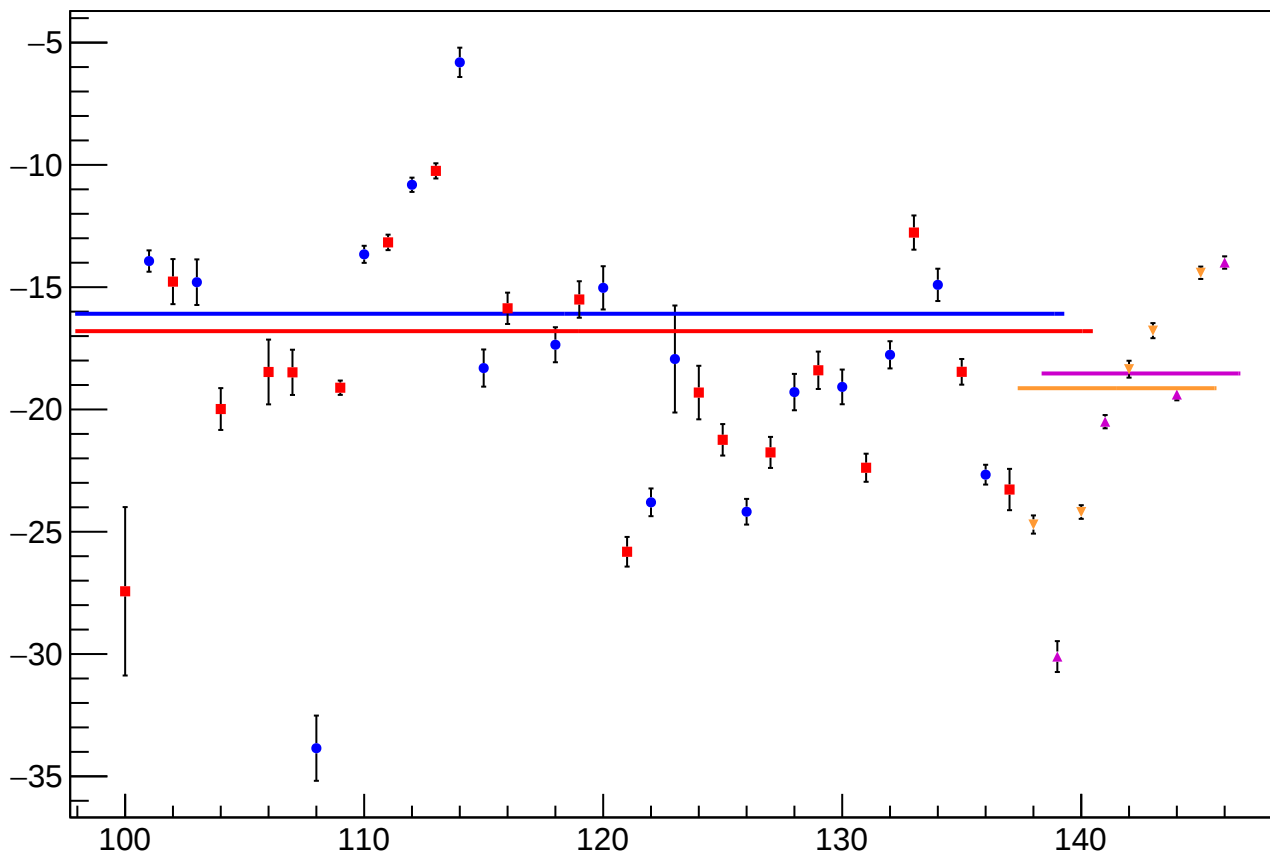
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -59.849 ± 0.127 χ^2/NDF : 13002.5/20

Out: -61.439 ± 0.119 χ^2/NDF : 15409.8/23

All: -60.701 ± 0.087 χ^2/NDF : 28495.8/44

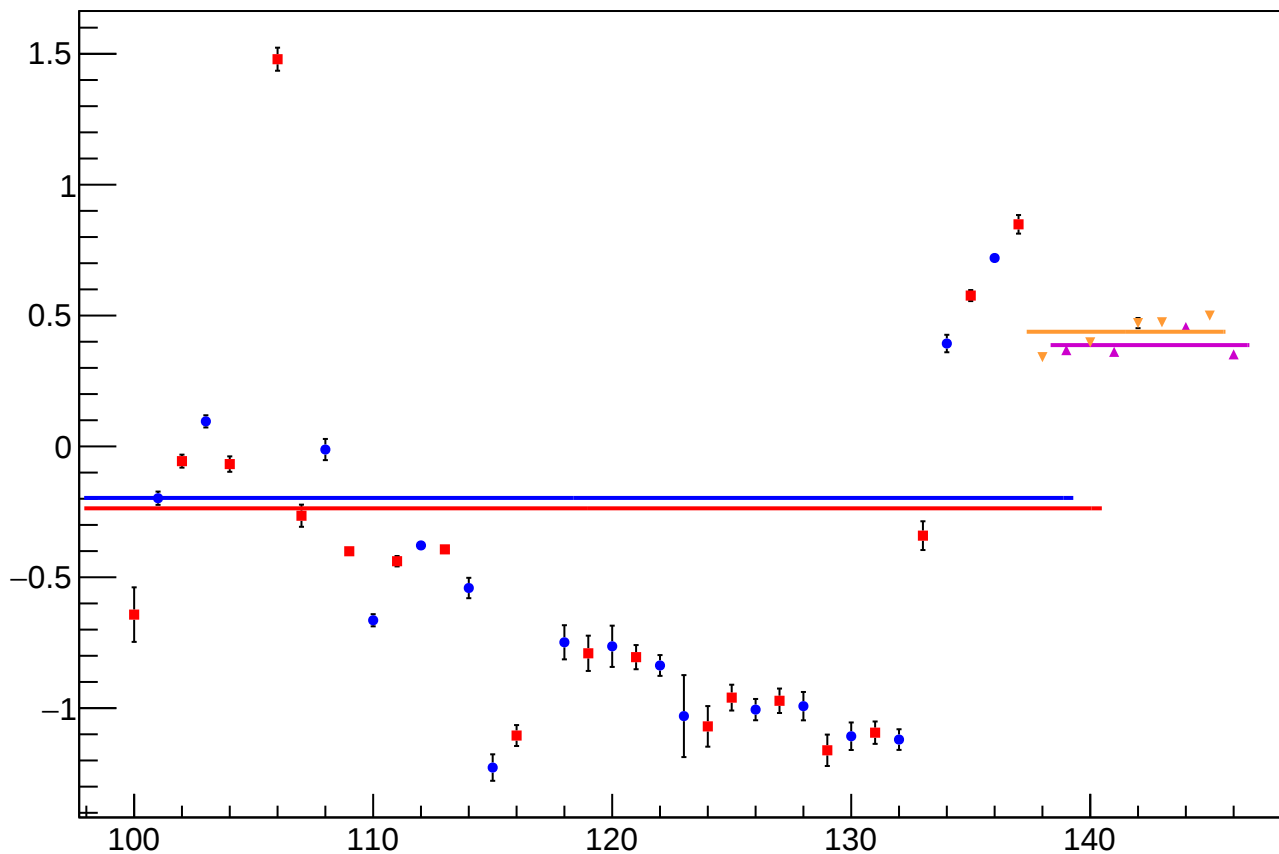
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -19.131 ± 0.136 $\chi^2/\text{NDF}: 961.4/4$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -18.528 ± 0.142 $\chi^2/\text{NDF}: 722.6/3$

Left: -18.845 ± 0.098 $\chi^2/\text{NDF}: 1693.4/8$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -17.219 ± 0.097 $\chi^2/\text{NDF}: 2501.9/20$
 Out: -17.899 ± 0.093 $\chi^2/\text{NDF}: 2331.8/23$
 All: -17.573 ± 0.067 $\chi^2/\text{NDF}: 4859.3/44$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.438 ± 0.006 χ^2/NDF : 91.4/4

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.387 ± 0.007 χ^2/NDF : 39.0/3

Left: 0.415 ± 0.005 χ^2/NDF : 159.8/8

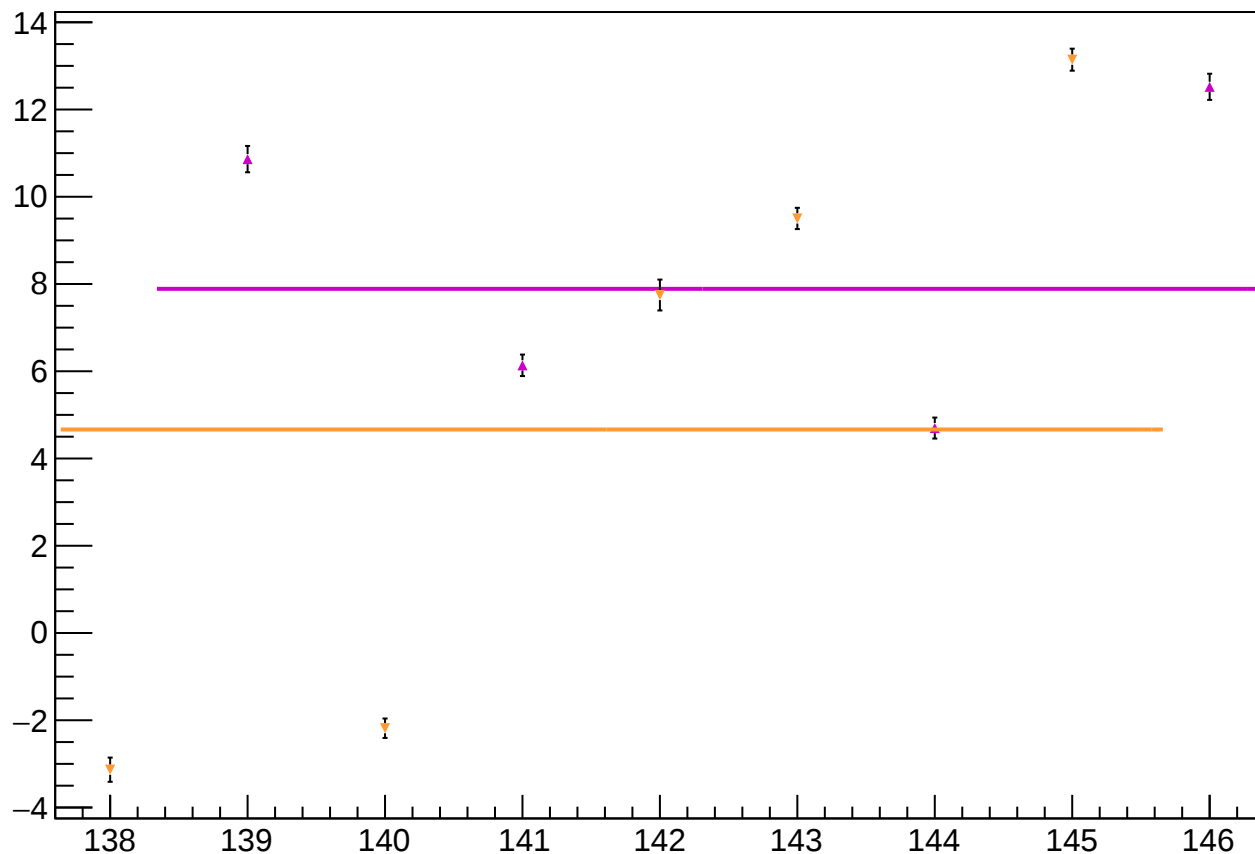
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.121 ± 0.005 χ^2/NDF : 9629.5/20

Out: 0.140 ± 0.005 χ^2/NDF : 11255.6/23

All: 0.131 ± 0.003 χ^2/NDF : 20892.5/44

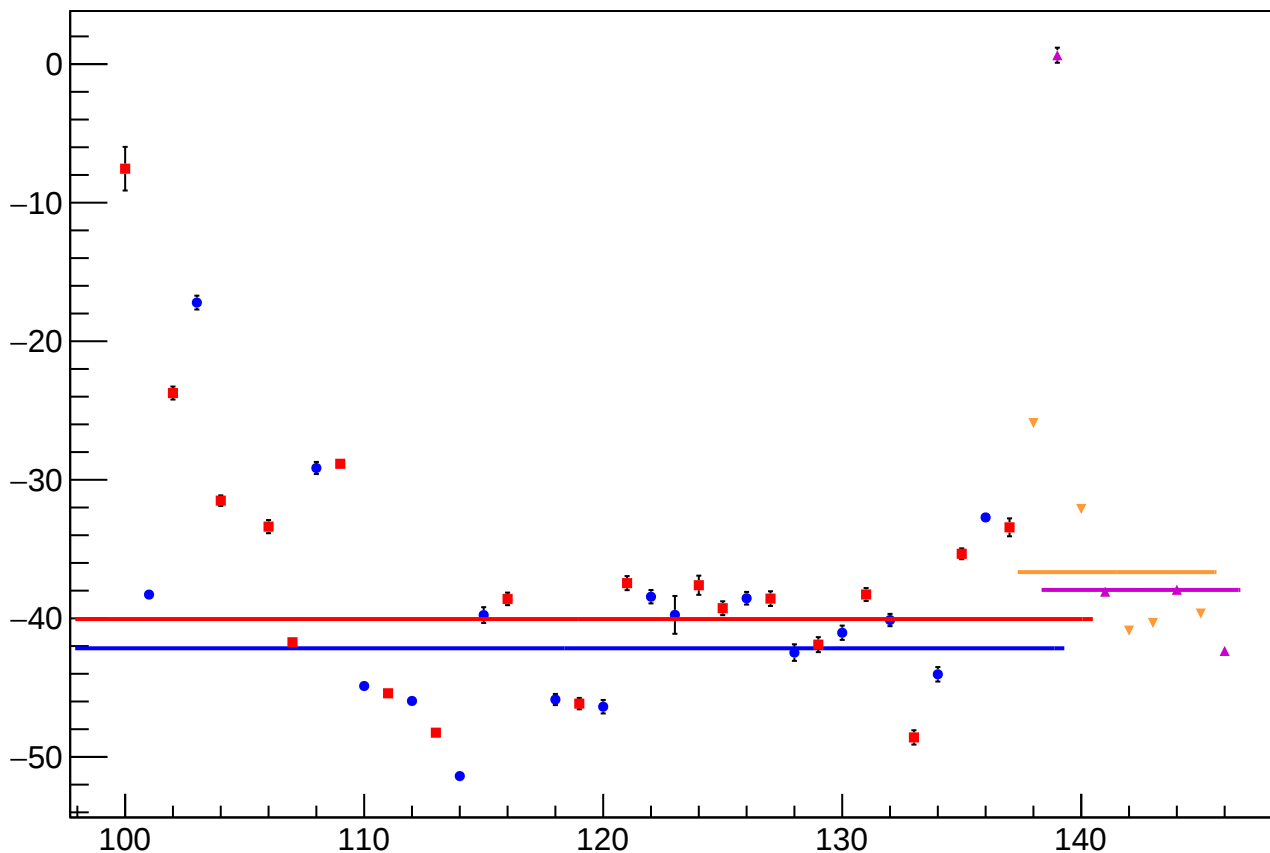
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.665+/-0.116 χ^2/NDF :3333.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.889+/-0.134 χ^2/NDF :562.6/3

Left: 6.056+/-0.088 χ^2/NDF : 4226.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.889+/-0.134 χ^2/NDF :562.6/3
 Out: 4.665+/-0.116 χ^2/NDF :3333.5/4
 All: 6.056+/-0.088 χ^2/NDF : 4226.5/8

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -36.662 ± 0.090 χ^2/NDF : 3281.5/4

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -37.947 ± 0.101 χ^2/NDF : 5577.7/3

Left: -37.232 ± 0.067 χ^2/NDF : 8950.1/8

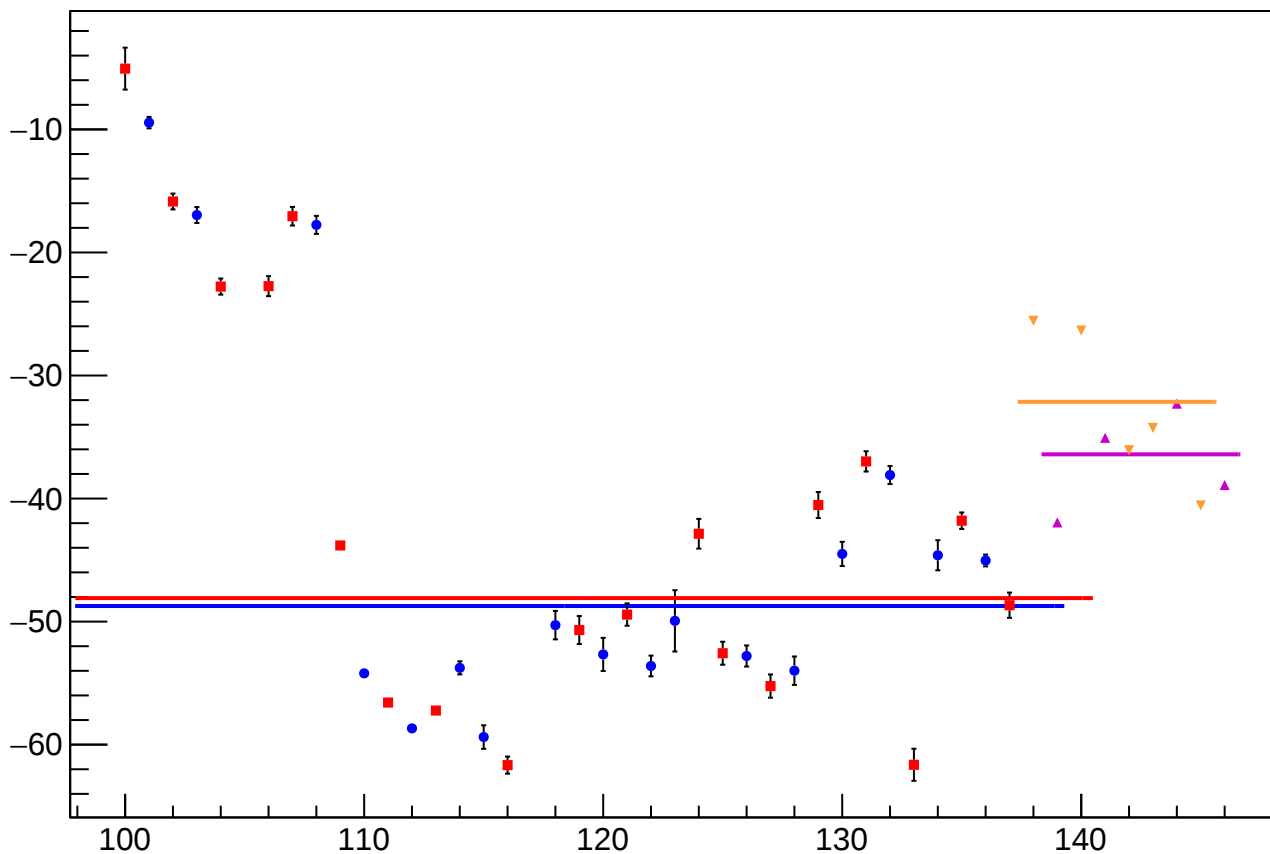
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -40.579 ± 0.062 χ^2/NDF : 13245.5/20

Out: -38.707 ± 0.057 χ^2/NDF : 15452.2/23

All: -39.563 ± 0.042 χ^2/NDF : 29199.1/44

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: -36.406 ± 0.140 $\chi^2/\text{NDF}: 644.2/3$

Left: -34.025 ± 0.093 $\chi^2/\text{NDF}: 3399.4/8$

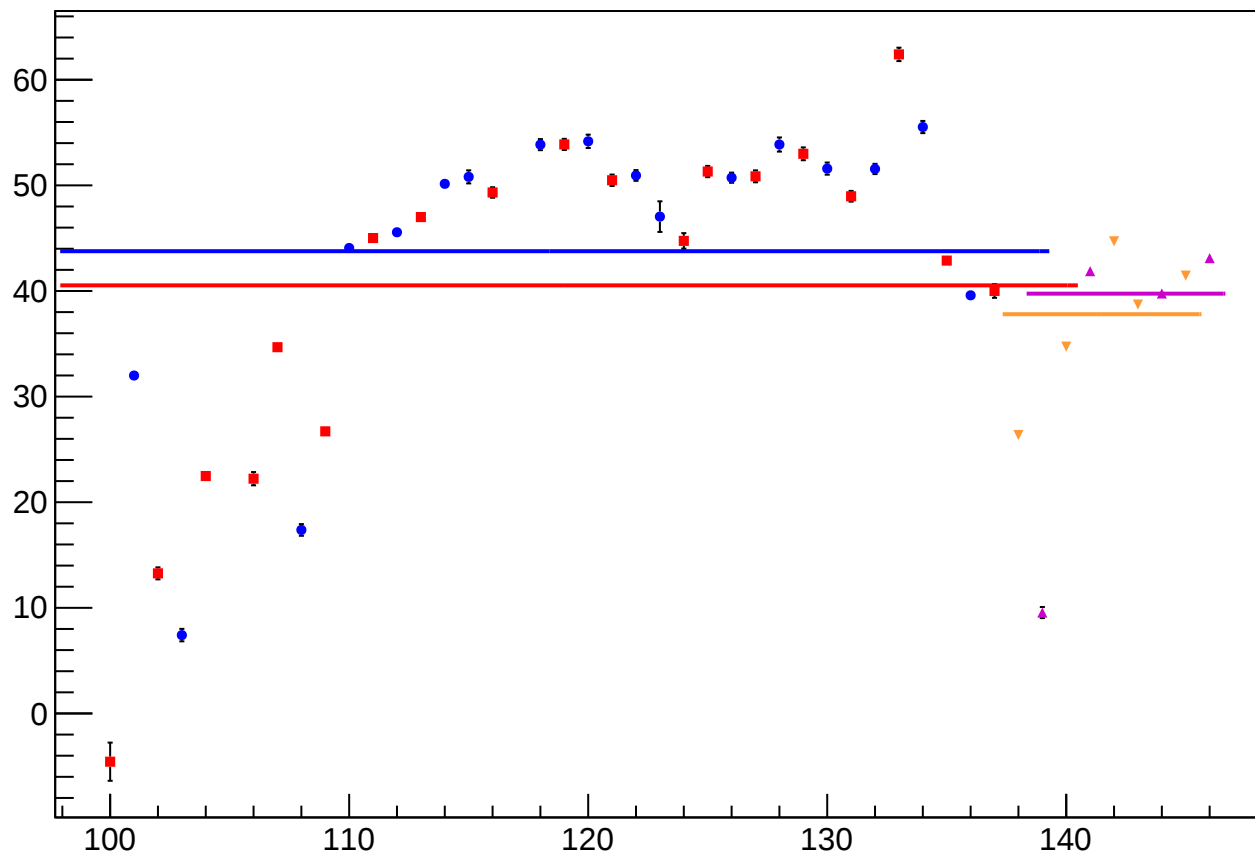
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -43.273 ± 0.093 $\chi^2/\text{NDF}: 19633.3/20$

Out: -41.297 ± 0.081 $\chi^2/\text{NDF}: 23392.2/23$

All: -42.152 ± 0.061 $\chi^2/\text{NDF}: 43281.4/44$

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: 39.747 $\pm$ 0.121 χ^2 /NDF: 3625.4/3

Left: 38.656 $\pm$ 0.080 χ^2 /NDF: 6233.0/8

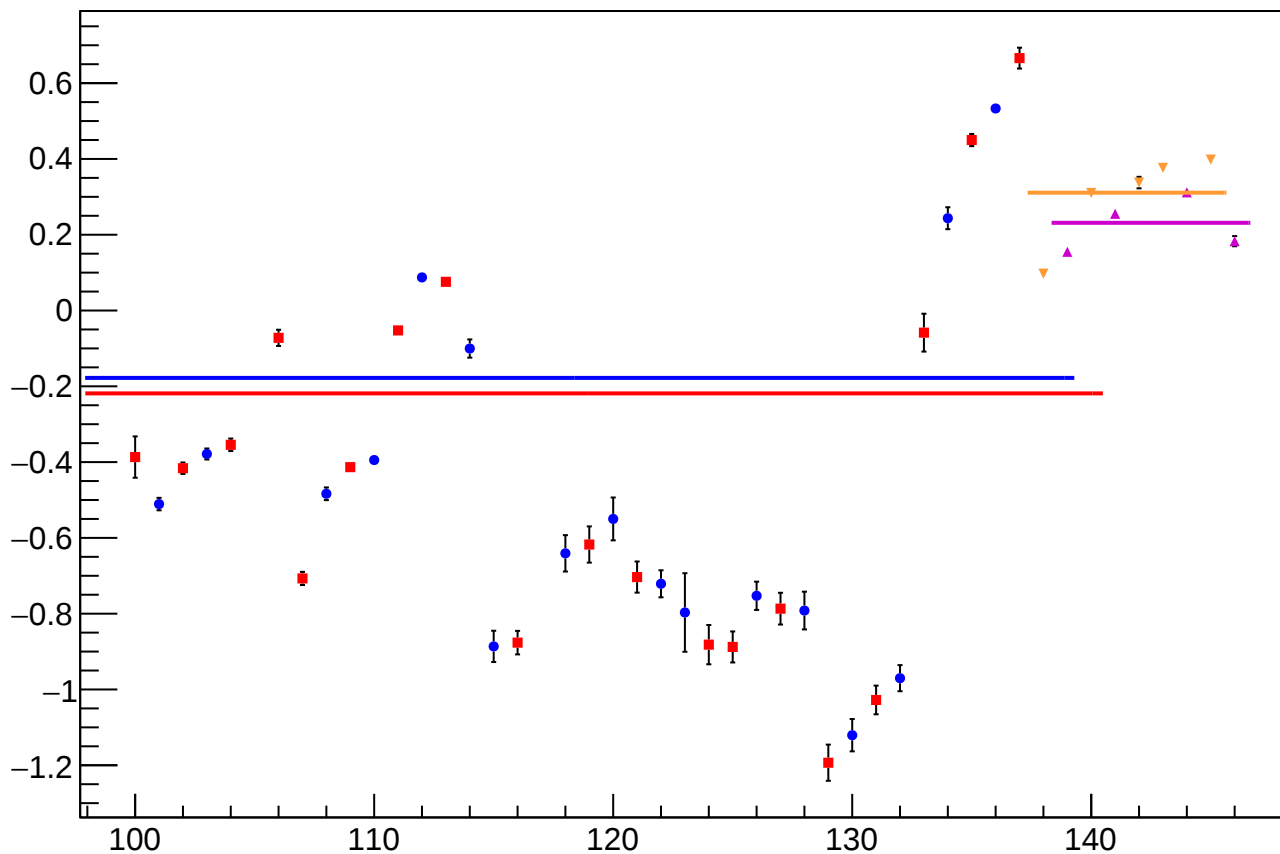
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.396 $\pm$ 0.070 χ^2 /NDF: 14990.1/20

Out: 39.547 $\pm$ 0.064 χ^2 /NDF: 20460.5/23

All: 40.837 $\pm$ 0.047 χ^2 /NDF: 36344.7/44

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: 0.231 ± 0.006 χ^2/NDF : 113.5/3

Left: 0.276 ± 0.004 χ^2/NDF : 652.0/8

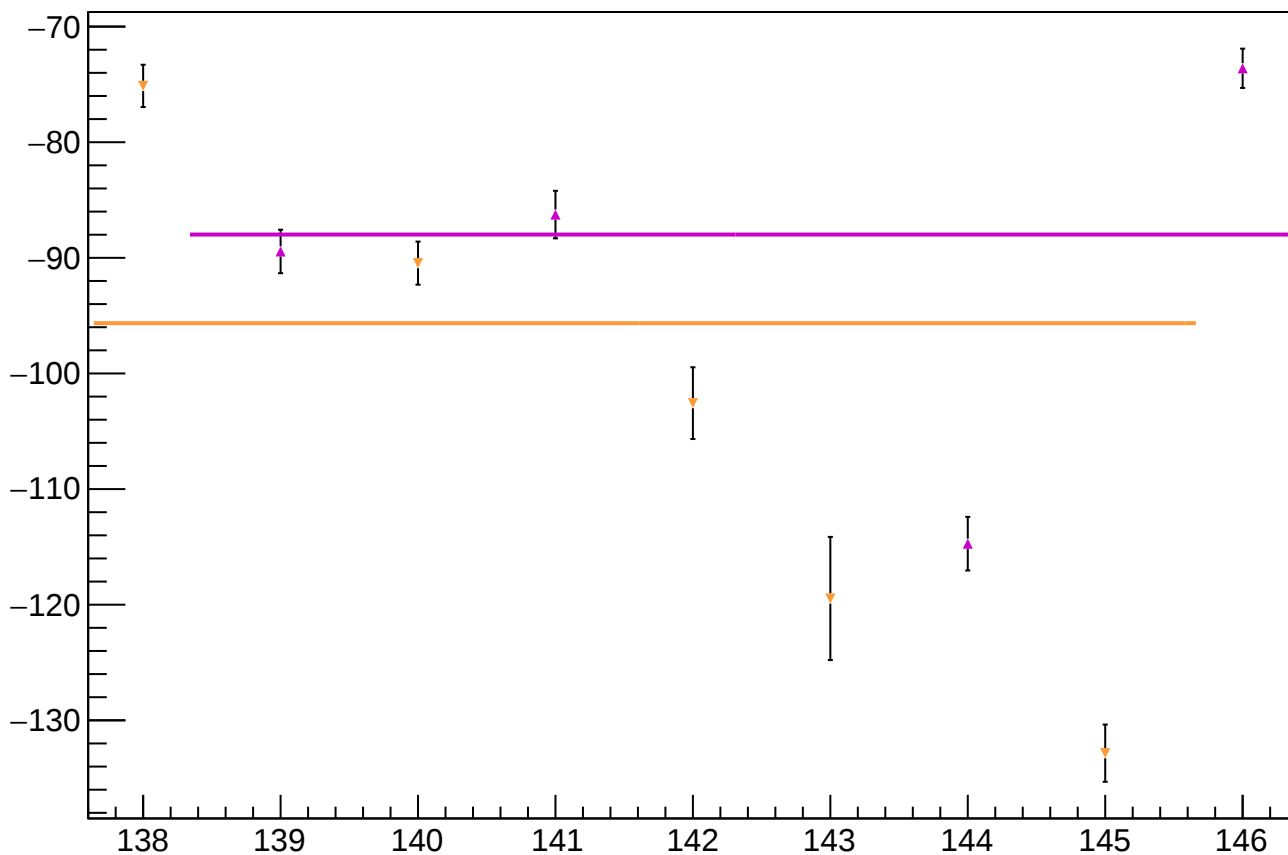
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: -0.009 ± 0.004 χ^2/NDF : 10427.0/20

Out: 0.003 ± 0.003 χ^2/NDF : 14243.5/23

All: -0.002 ± 0.002 χ^2/NDF : 24676.1/44

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -95.651+/-1.061 χ^2/NDF :384.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -87.986+/-0.975 χ^2/NDF :206.0/3

Left: -91.498+/-0.718 χ^2/NDF : 618.5/8

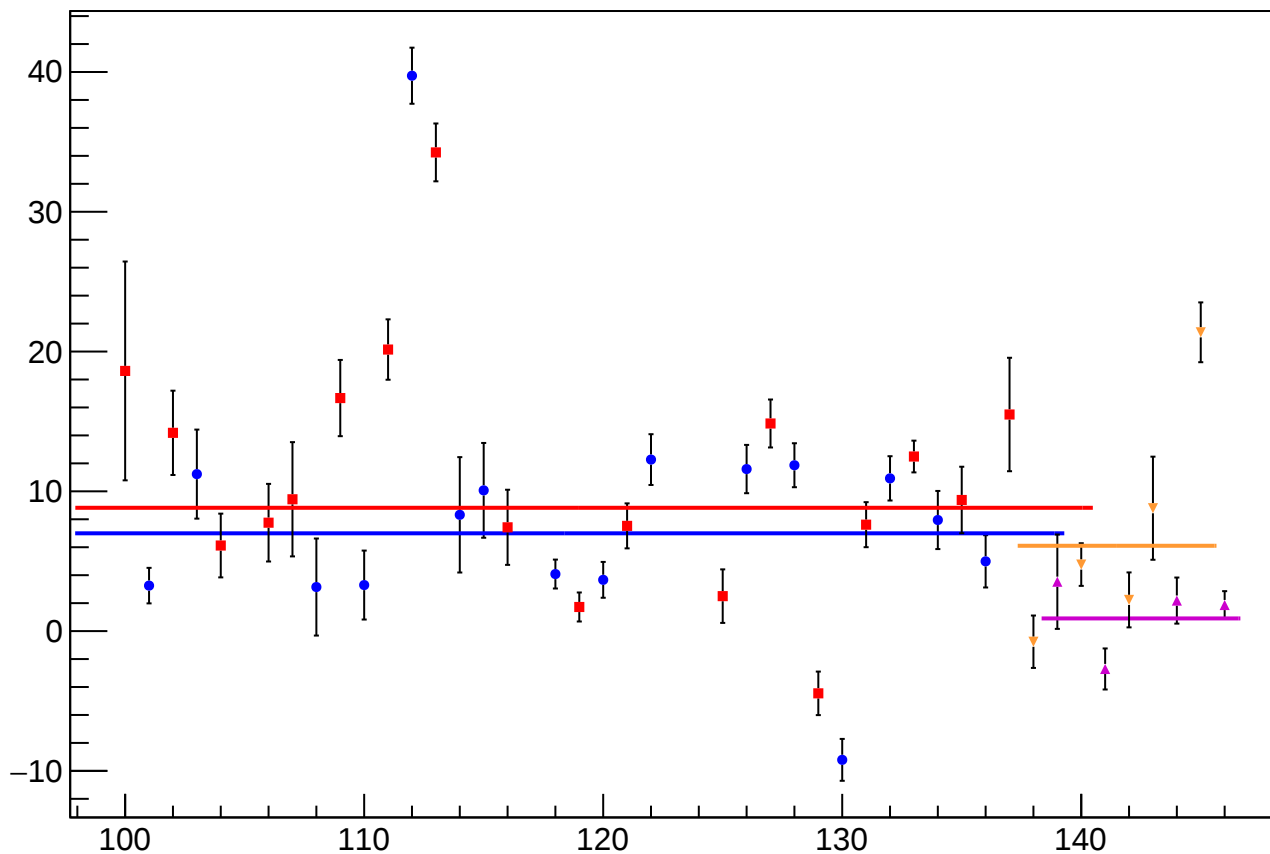
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.986+/-0.975 χ^2/NDF :206.0/3

Out: -95.651+/-1.061 χ^2/NDF :384.1/4

All: -91.498+/-0.718 χ^2/NDF : 618.5/8

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 6.104 $\pm$ 0.889 χ^2 /NDF:69.5/4

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 0.906 $\pm$ 0.719 χ^2 /NDF:8.2/3

Left: 2.960 $\pm$ 0.559 χ^2 /NDF: 98.4/8

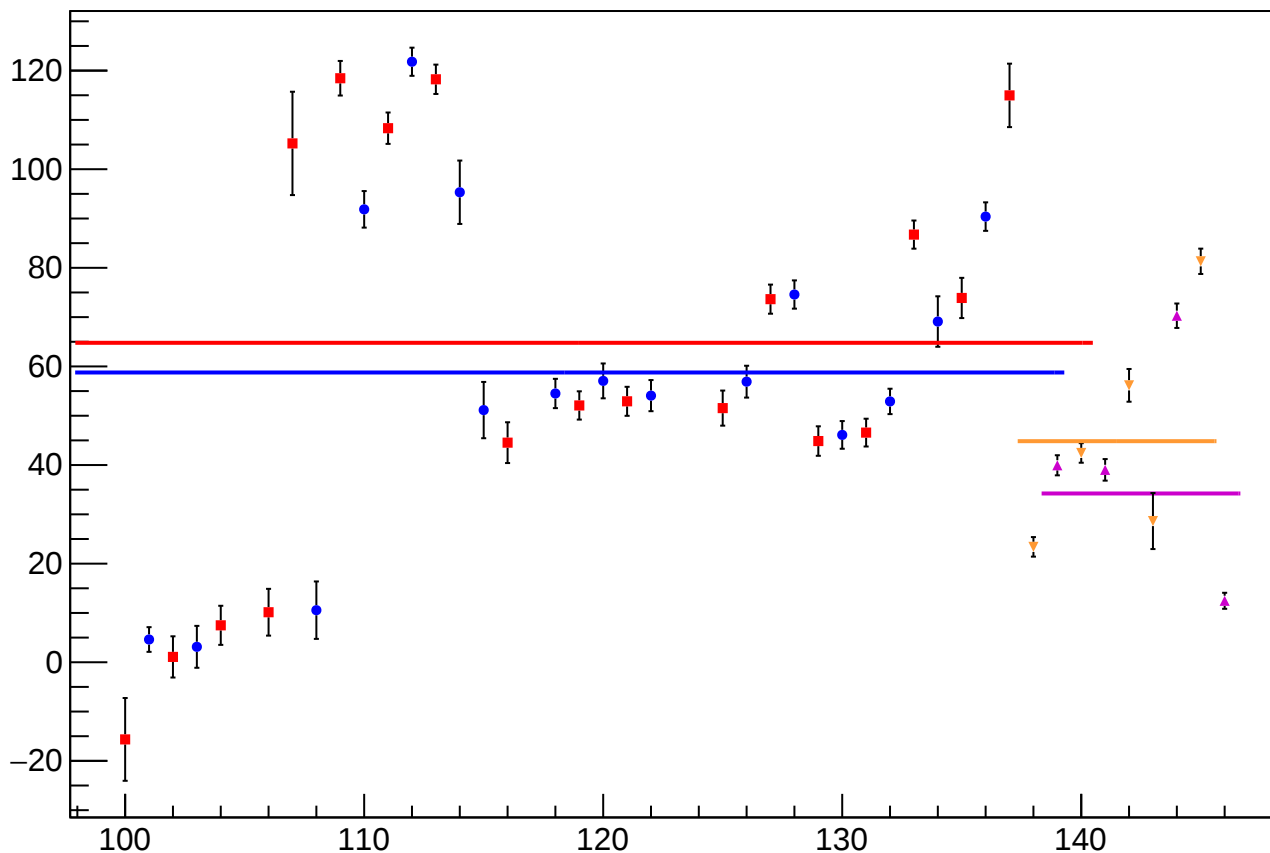
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 5.367 $\pm$ 0.372 χ^2 /NDF:506.2/19

Out: 8.271 $\pm$ 0.401 χ^2 /NDF:427.4/22

All: 6.710 $\pm$ 0.272 χ^2 /NDF: 961.8/42

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 44.839 $\pm$ 1.131 χ^2 /NDF:339.6/4

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 34.231 $\pm$ 1.004 χ^2 /NDF:403.8/3

Left: 38.907 $\pm$ 0.751 χ^2 /NDF: 792.5/8

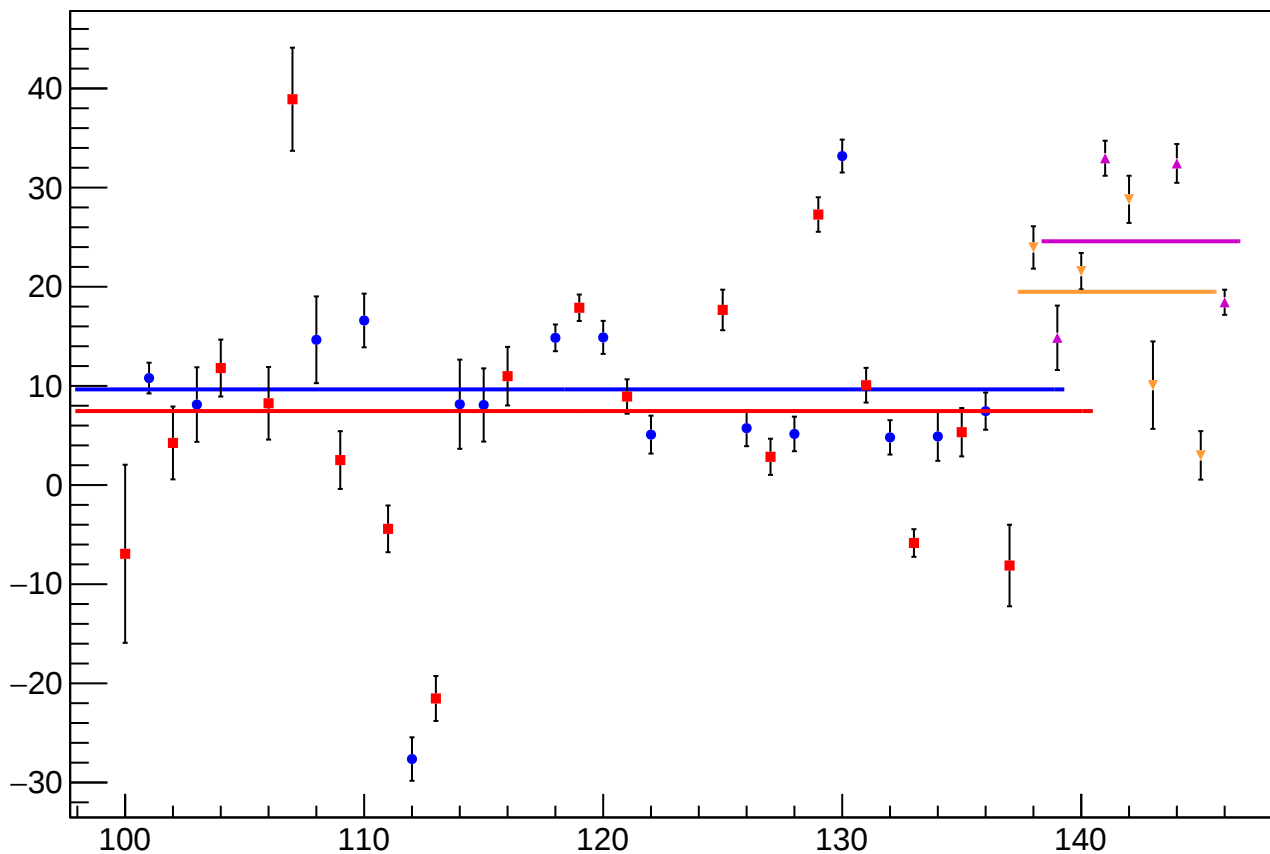
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 48.771 $\pm$ 0.641 χ^2 /NDF:2250.8/19

Out: 57.696 $\pm$ 0.675 χ^2 /NDF:2258.1/22

All: 53.006 $\pm$ 0.465 χ^2 /NDF: 4600.8/42

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 19.493 ± 1.048 $\chi^2/\text{NDF}: 71.1/4$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 24.586 ± 0.878 $\chi^2/\text{NDF}: 71.0/3$

Left: 22.486 ± 0.673 $\chi^2/\text{NDF}: 156.0/8$

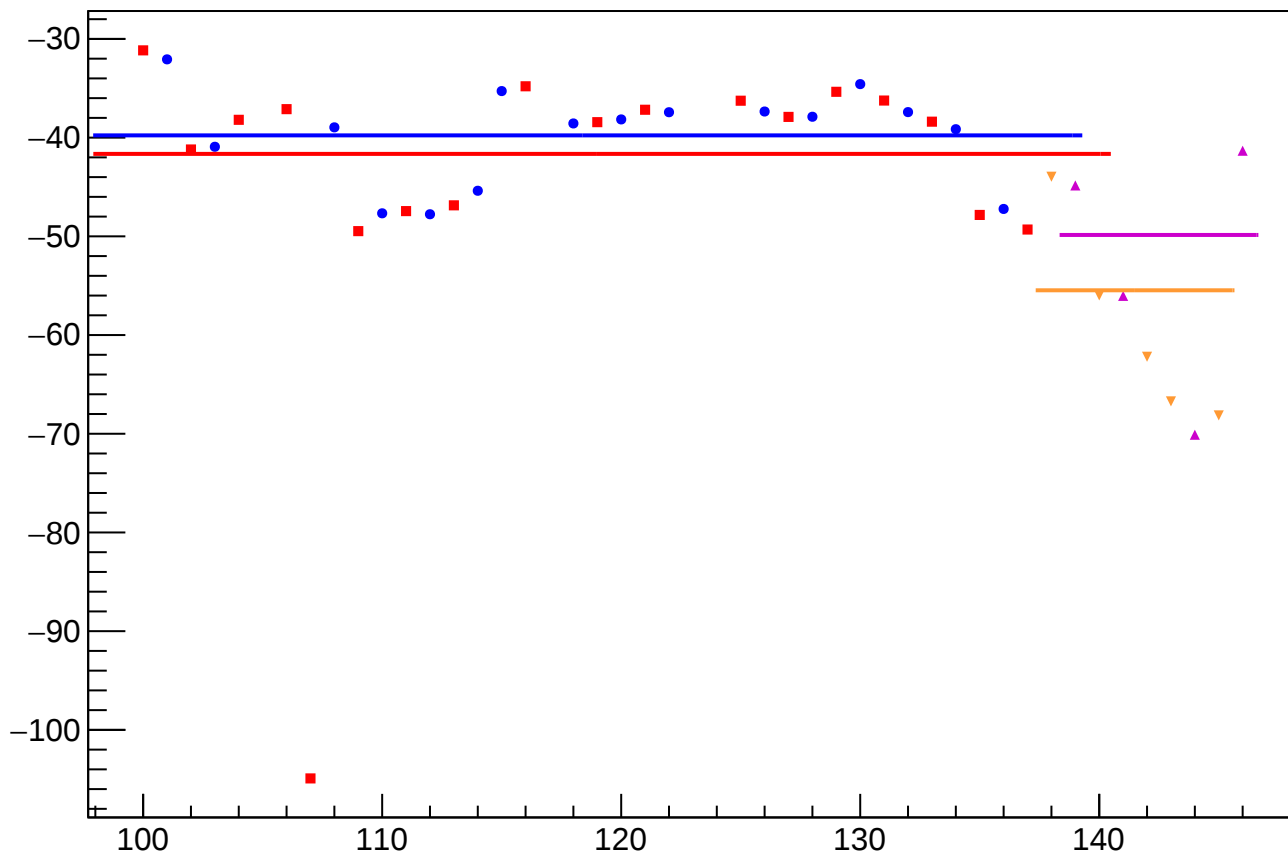
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 13.328 ± 0.436 $\chi^2/\text{NDF}: 842.7/19$

Out: 9.806 ± 0.463 $\chi^2/\text{NDF}: 744.0/22$

All: 11.673 ± 0.317 $\chi^2/\text{NDF}: 1617.4/42$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -55.466 ± 0.046 χ^2/NDF : 42256.5/4

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -49.860 ± 0.041 χ^2/NDF : 57387.1/3

Left: -52.353 ± 0.031 χ^2/NDF : 107836.5/8

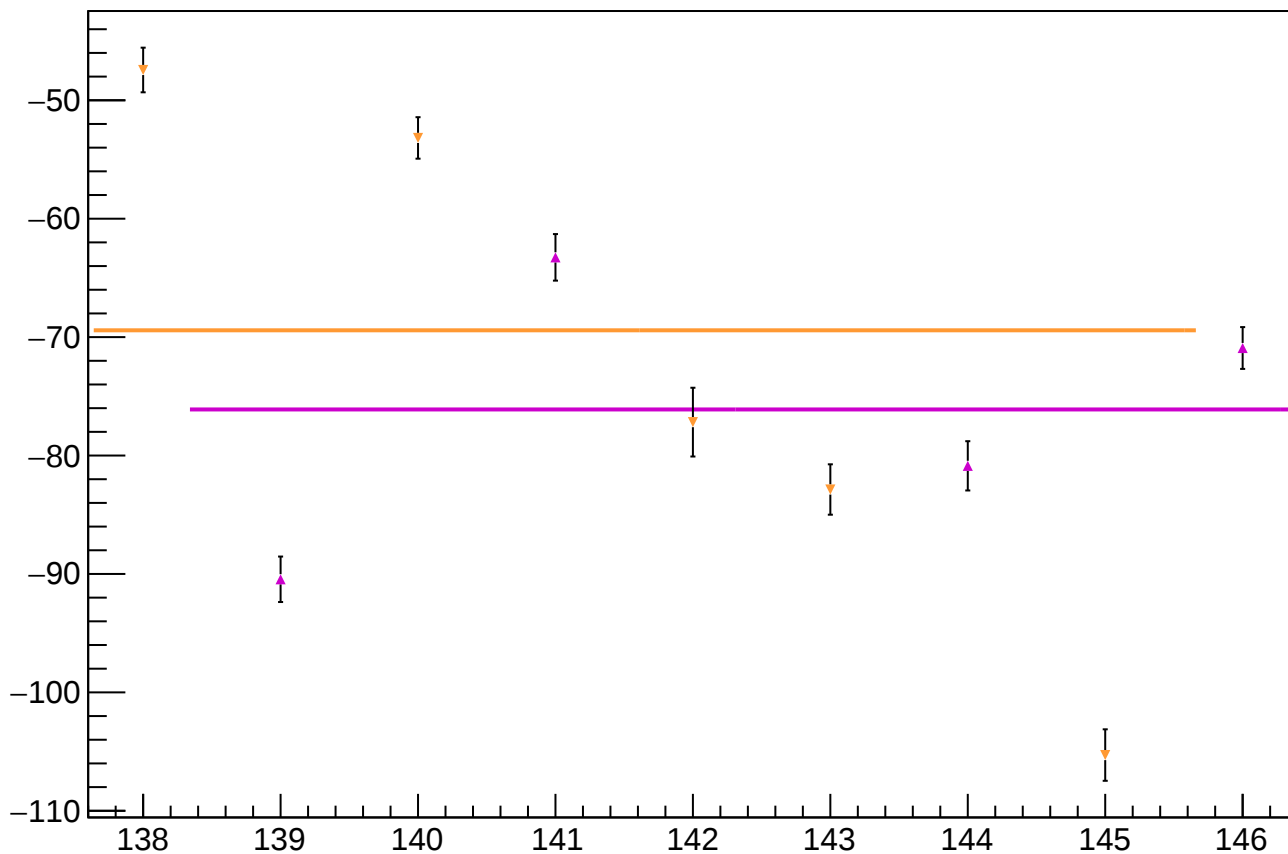
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -43.422 ± 0.025 χ^2/NDF : 121631.5/19

Out: -45.981 ± 0.026 χ^2/NDF : 198304.0/22

All: -44.651 ± 0.018 χ^2/NDF : 325030.5/42

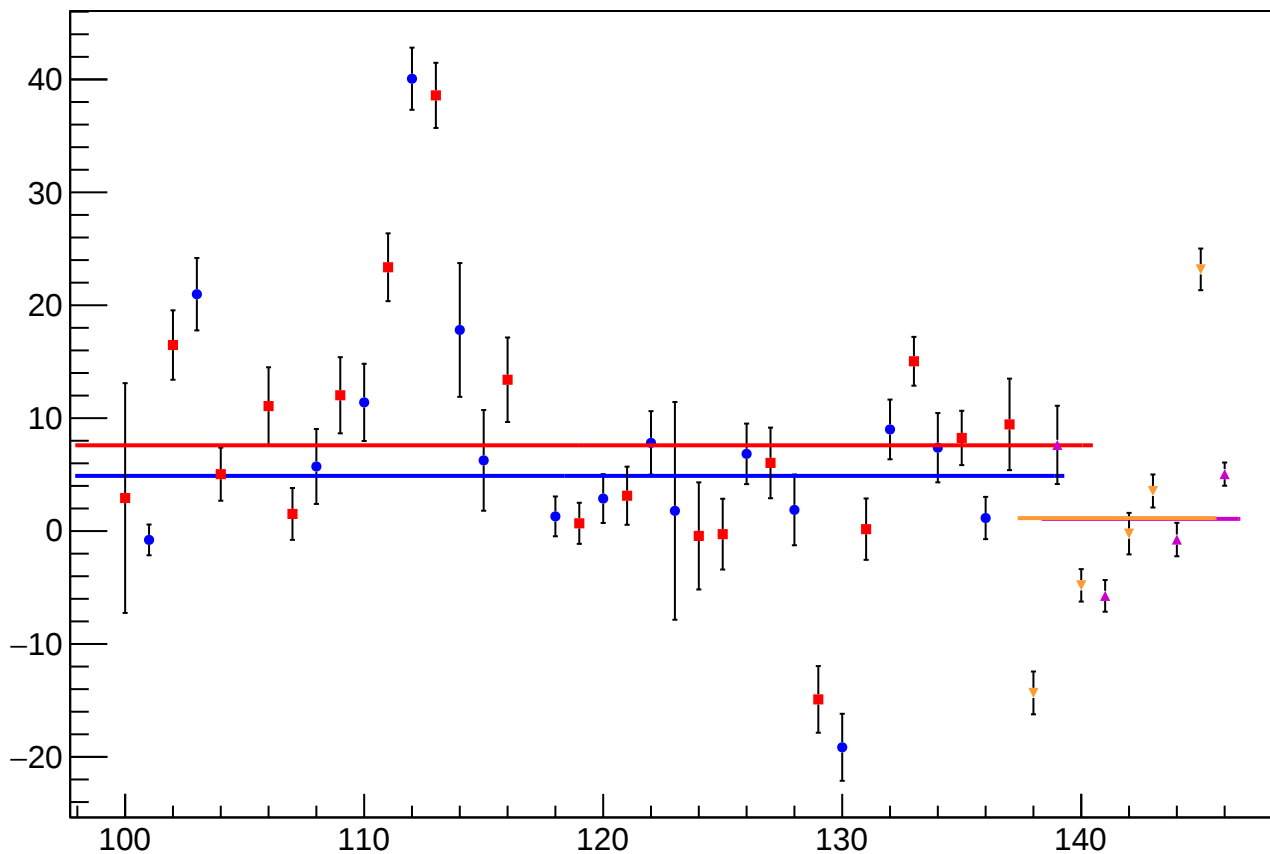
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -69.424 ± 0.929 $\chi^2/\text{NDF}: 541.3/4$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -76.108 ± 0.961 $\chi^2/\text{NDF}: 112.4/3$

Left: -72.653 ± 0.668 $\chi^2/\text{NDF}: 678.6/8$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -76.108 ± 0.961 $\chi^2/\text{NDF}: 112.4/3$
 Out: -69.424 ± 0.929 $\chi^2/\text{NDF}: 541.3/4$
 All: -72.653 ± 0.668 $\chi^2/\text{NDF}: 678.6/8$

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 1.148 ± 0.741 χ^2/NDF : 229.7/4

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 1.080 ± 0.708 χ^2/NDF : 43.6/3

Left: 1.112 ± 0.512 χ^2/NDF : 273.3/8

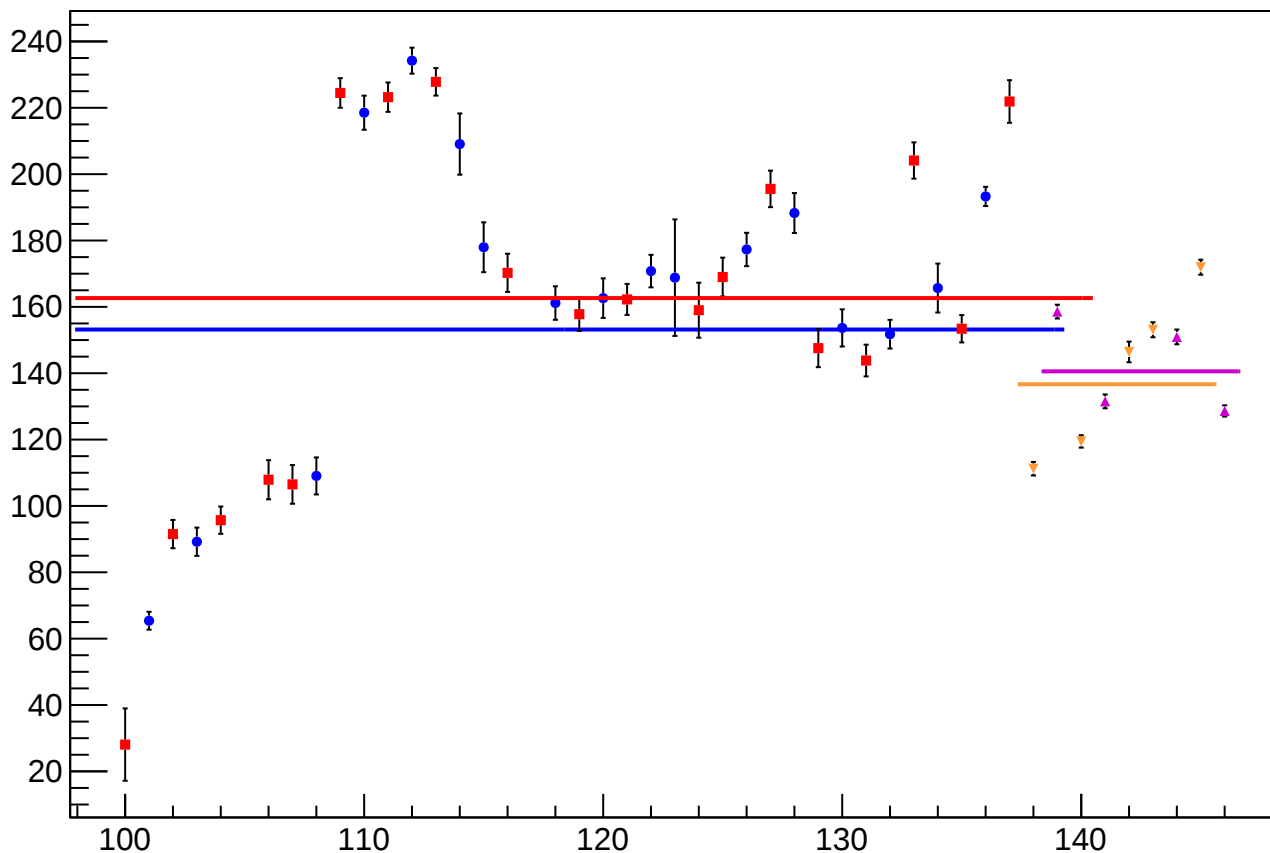
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 3.230 ± 0.467 χ^2/NDF : 354.6/20

Out: 4.789 ± 0.489 χ^2/NDF : 541.8/23

All: 3.974 ± 0.338 χ^2/NDF : 901.7/44

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 136.671+/-0.991 χ^2/NDF :544.3/4

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 140.563+/-0.993 χ^2/NDF :165.6/3

Left: 138.613+/-0.701 χ^2/NDF : 717.6/8

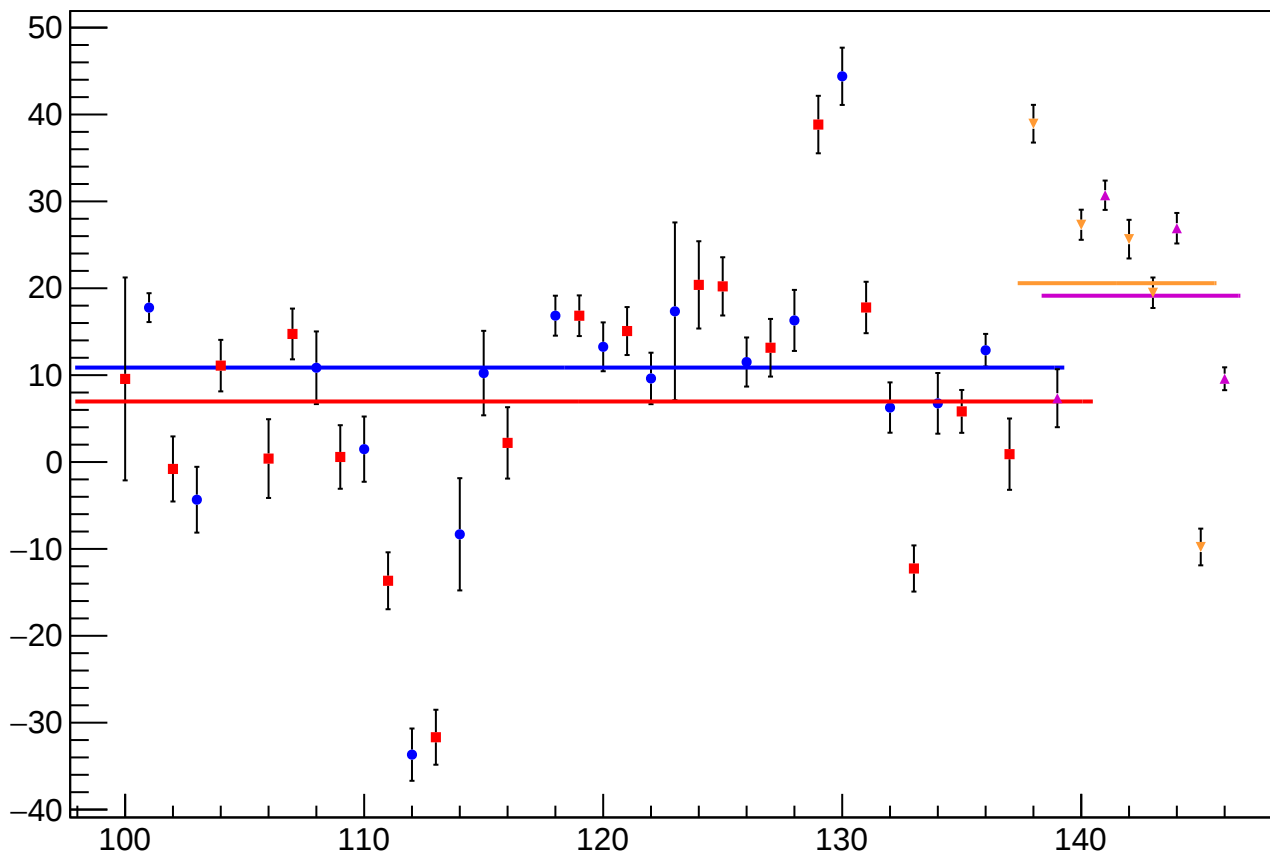
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 145.970+/-0.751 χ^2/NDF :2499.0/20

Out: 147.454+/-0.758 χ^2/NDF :2538.3/23

All: 146.705+/-0.533 χ^2/NDF : 5039.2/44

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 20.584 ± 0.879 $\chi^2/\text{NDF}: 298.6/4$

Right Out: 6.969 ± 0.748 $\chi^2/\text{NDF}: 422.3/18$

Left In: 19.142 ± 0.863 $\chi^2/\text{NDF}: 131.8/3$

Left: 19.850 ± 0.616 $\chi^2/\text{NDF}: 431.8/8$

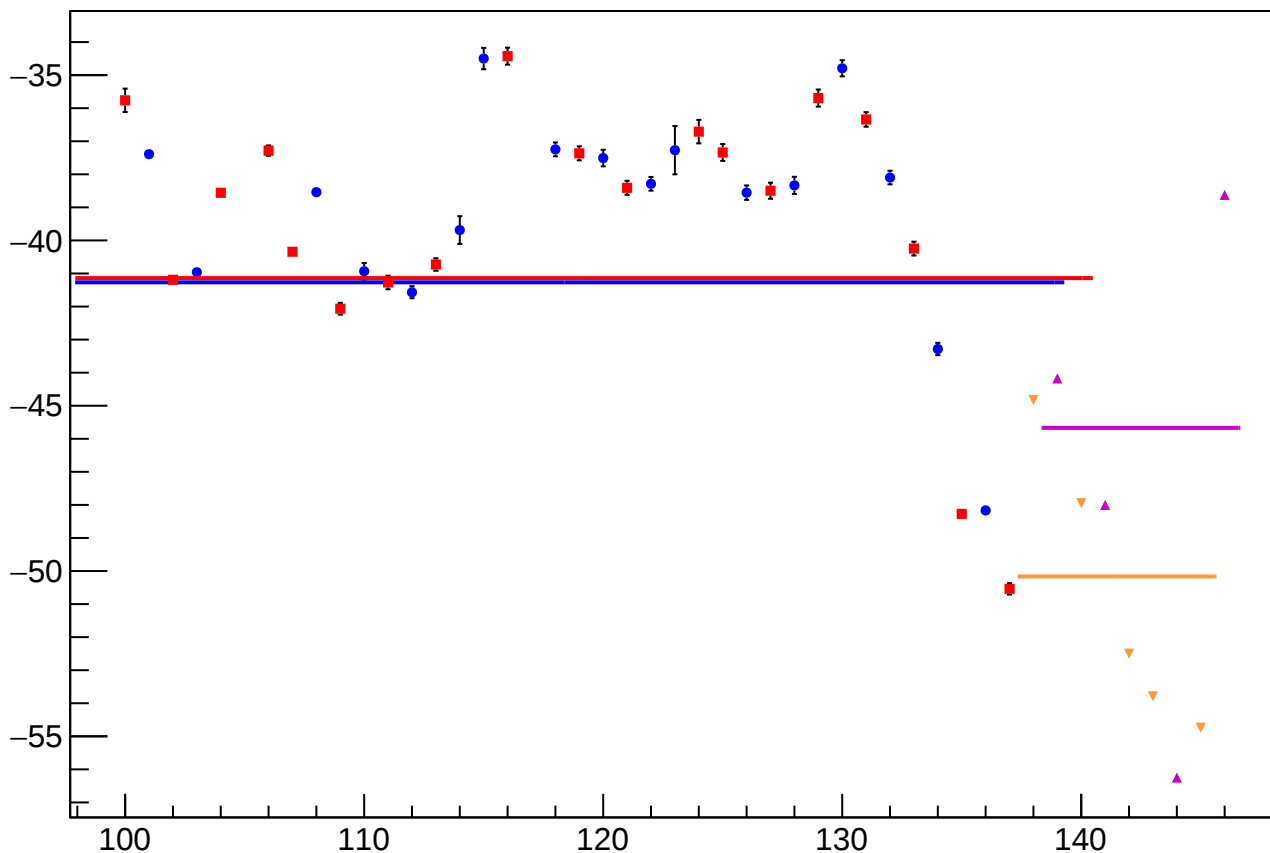
Right: 9.009 ± 0.517 $\chi^2/\text{NDF}: 823.3/35$

In: 14.235 ± 0.550 $\chi^2/\text{NDF}: 573.0/20$

Out: 12.687 ± 0.569 $\chi^2/\text{NDF}: 860.3/23$

All: 13.487 ± 0.396 $\chi^2/\text{NDF}: 1437.1/44$

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -50.165 ± 0.040 $\chi^2/\text{NDF}: 9632.0/4$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -45.670 ± 0.041 $\chi^2/\text{NDF}: 21191.6/3$

Left: -47.946 ± 0.029 $\chi^2/\text{NDF}: 36928.1/8$

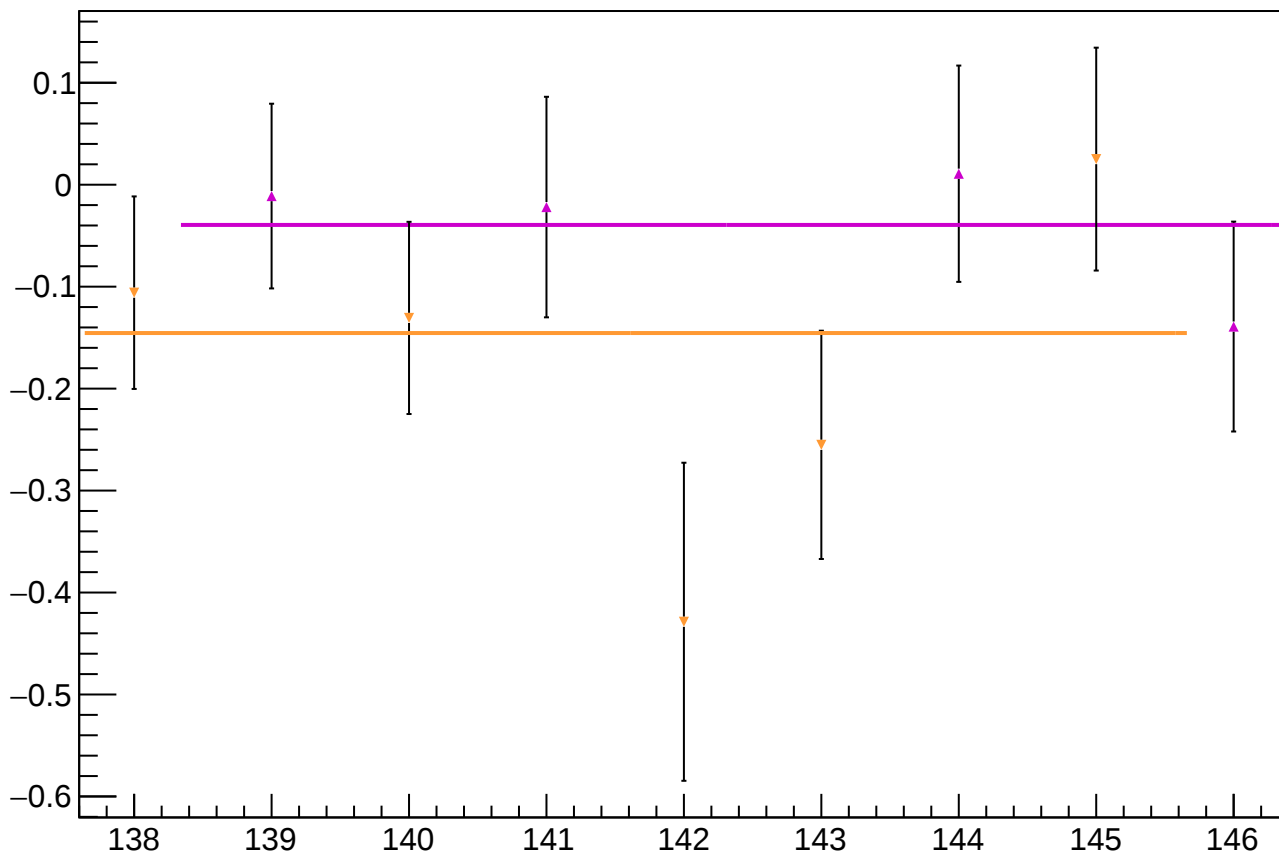
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -43.335 ± 0.028 $\chi^2/\text{NDF}: 39908.0/20$

Out: -45.445 ± 0.028 $\chi^2/\text{NDF}: 47944.8/23$

All: -44.395 ± 0.020 $\chi^2/\text{NDF}: 90696.2/44$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.145+/-0.048 χ^2/NDF : 6.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.039+/-0.051 χ^2/NDF : 1.3/3

Left: -0.095+/-0.035 χ^2/NDF : 10.5/8

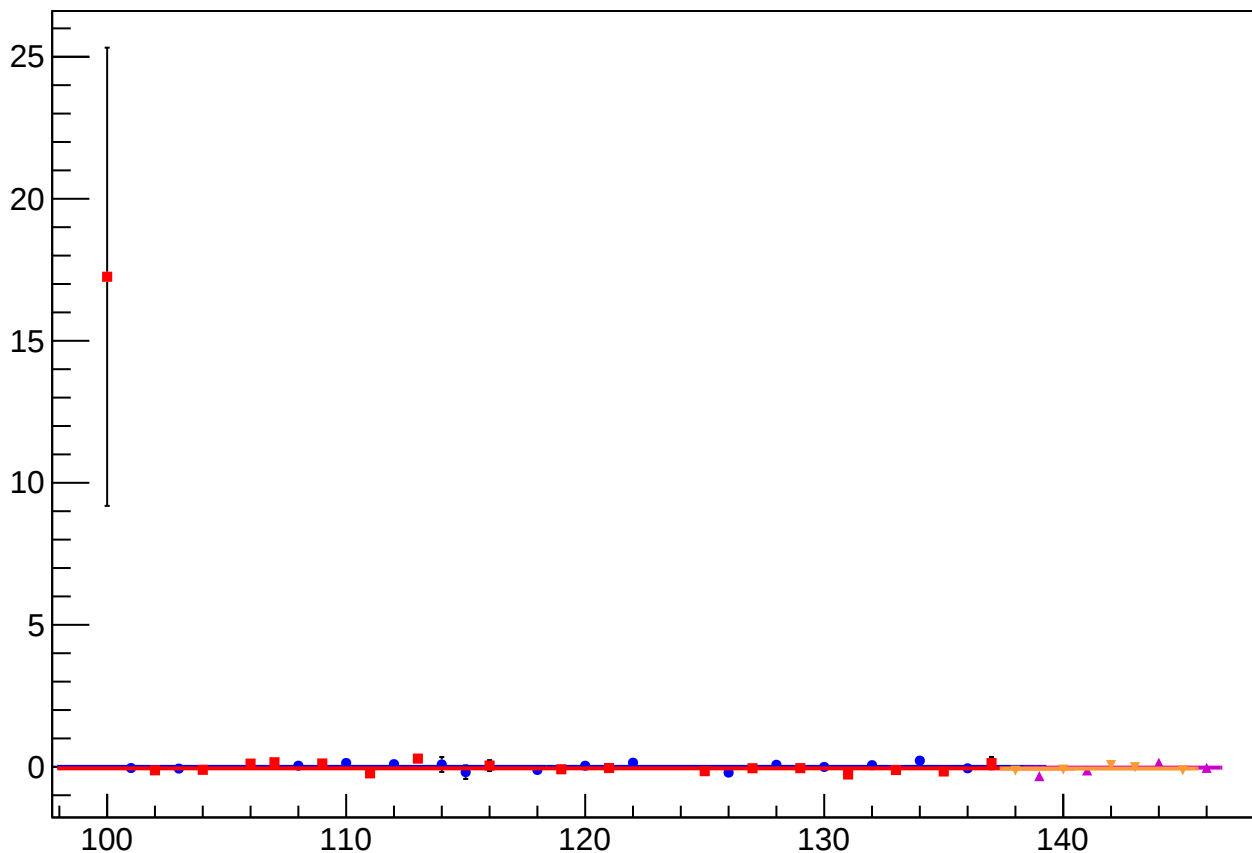
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.039+/-0.051 χ^2/NDF : 1.3/3

Out: -0.145+/-0.048 χ^2/NDF : 6.9/4

All: -0.095+/-0.035 χ^2/NDF : 10.5/8

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.060 ± 0.039 χ^2/NDF : 3.1/4

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.027 ± 0.039 χ^2/NDF : 10.1/3

Left: -0.044 ± 0.028 χ^2/NDF : 13.6/8

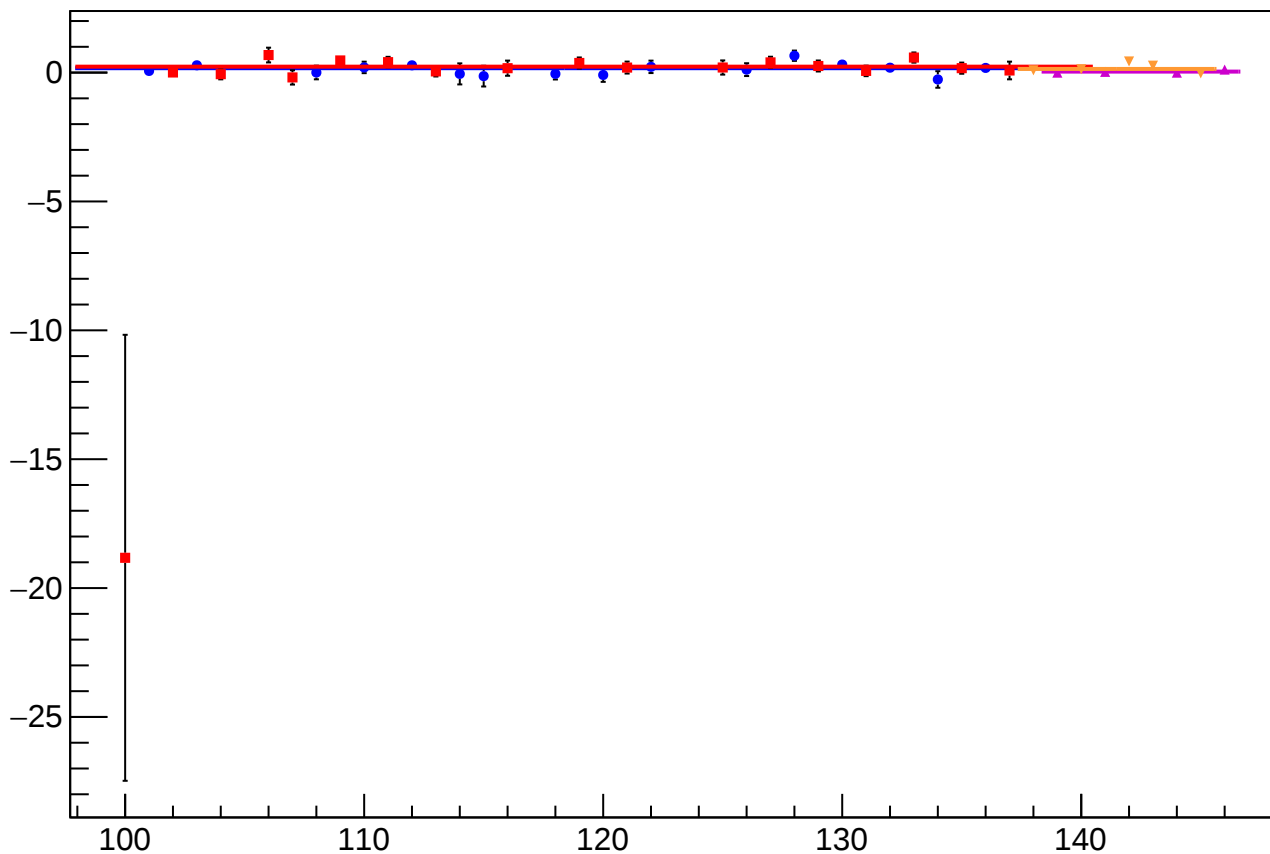
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.011 ± 0.023 χ^2/NDF : 22.5/19

Out: -0.056 ± 0.024 χ^2/NDF : 28.7/22

All: -0.033 ± 0.016 χ^2/NDF : 53.1/42

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.141 $\pm$ 0.052 χ^2 /NDF:6.7/4

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.038 $\pm$ 0.053 χ^2 /NDF:0.9/3

Left: 0.091 $\pm$ 0.037 χ^2 /NDF: 9.5/8

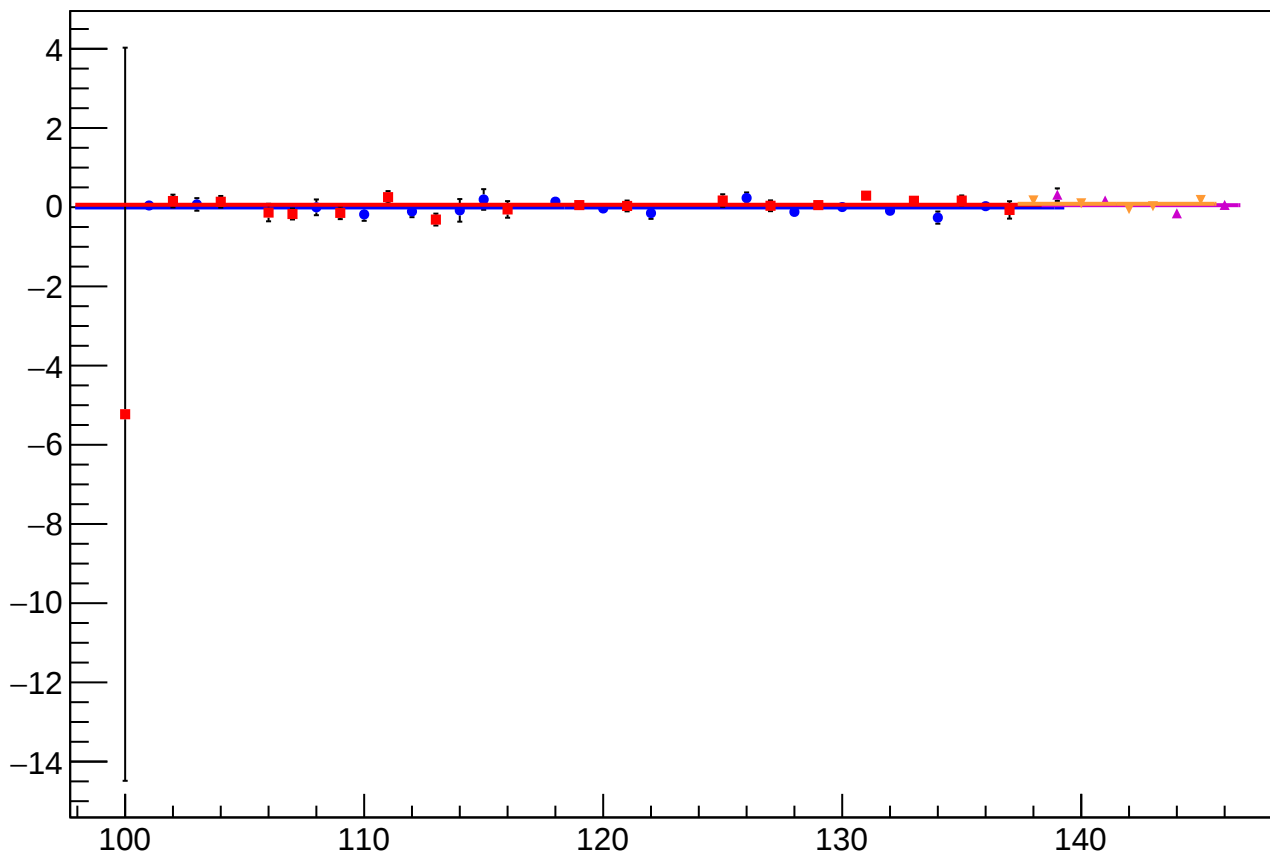
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.104 $\pm$ 0.037 χ^2 /NDF:17.1/19

Out: 0.183 $\pm$ 0.037 χ^2 /NDF:29.7/22

All: 0.144 $\pm$ 0.026 χ^2 /NDF: 49.1/42

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: 0.051 ± 0.047 $\chi^2/\text{NDF}: 9.7/3$

Left: 0.069 ± 0.033 $\chi^2/\text{NDF}: 13.0/8$

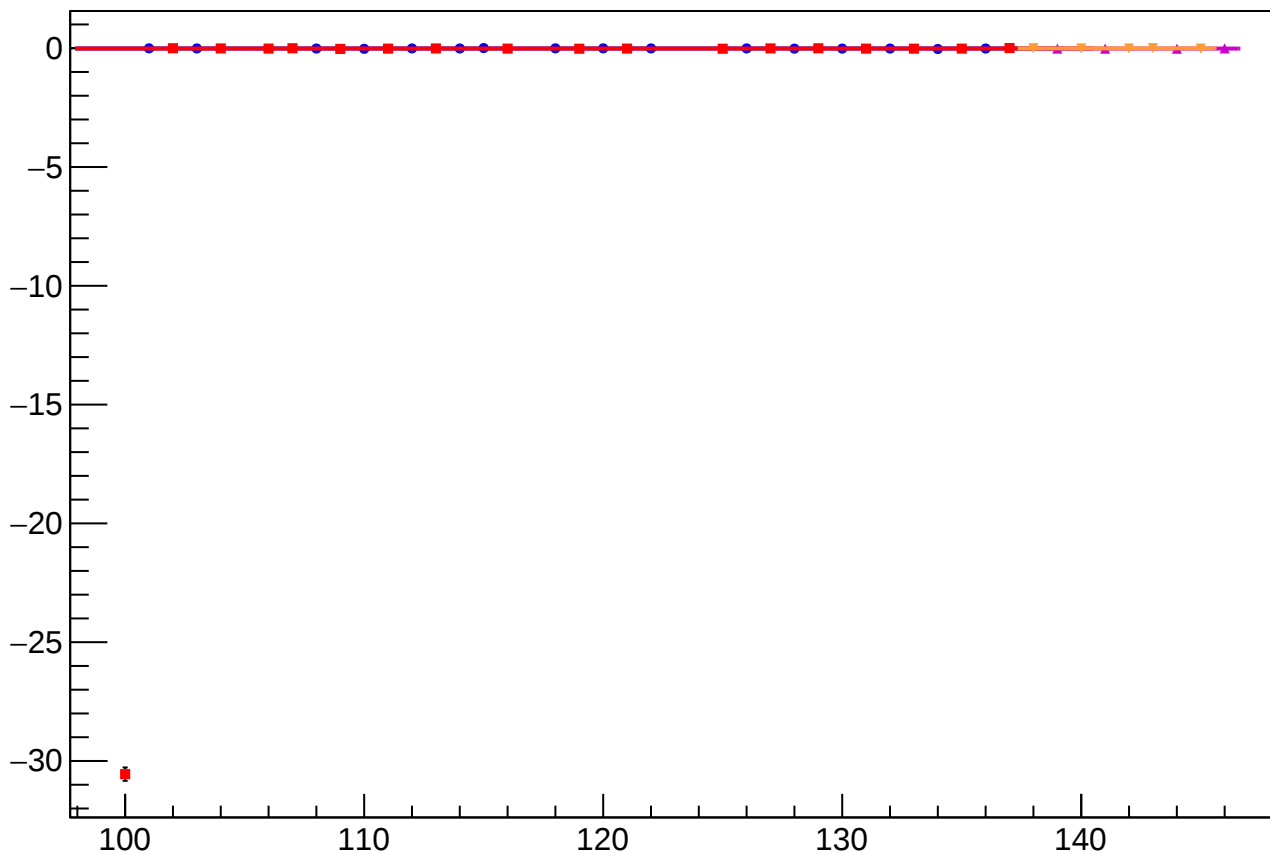
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.6/33$

In: 0.012 ± 0.027 $\chi^2/\text{NDF}: 23.9/19$

Out: 0.070 ± 0.027 $\chi^2/\text{NDF}: 23.6/22$

All: 0.040 ± 0.019 $\chi^2/\text{NDF}: 49.8/42$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.002 χ^2/NDF : 11.7/4

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.015 ± 0.002 χ^2/NDF : 5.0/3

Left: -0.011 ± 0.001 χ^2/NDF : 23.7/8

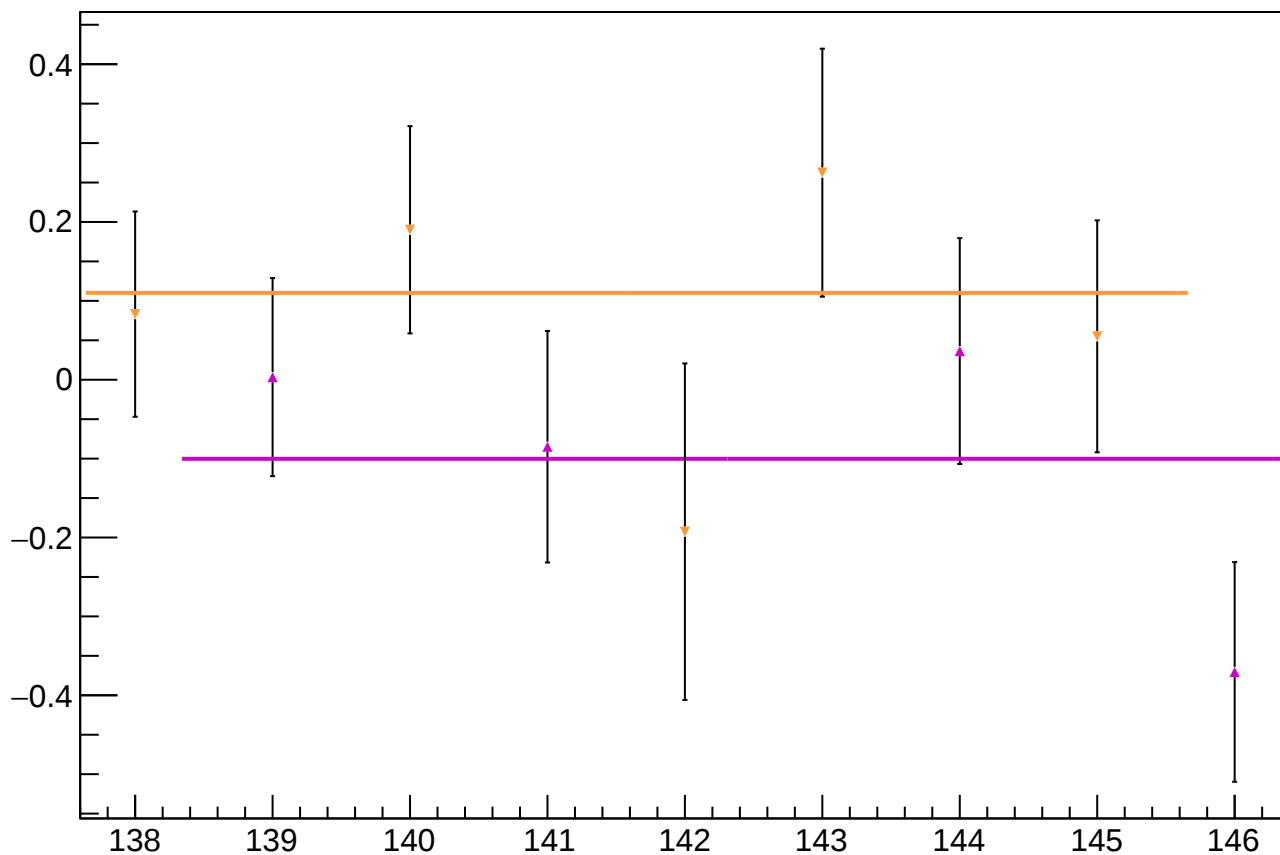
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.013 ± 0.001 χ^2/NDF : 19.0/19

Out: -0.010 ± 0.001 χ^2/NDF : 11905.6/22

All: -0.011 ± 0.001 χ^2/NDF : 11927.4/42

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: -0.100 $\pm$ 0.069 χ^2 /NDF:5.4/3

Left: 0.009 $\pm$ 0.048 χ^2 /NDF: 13.7/8

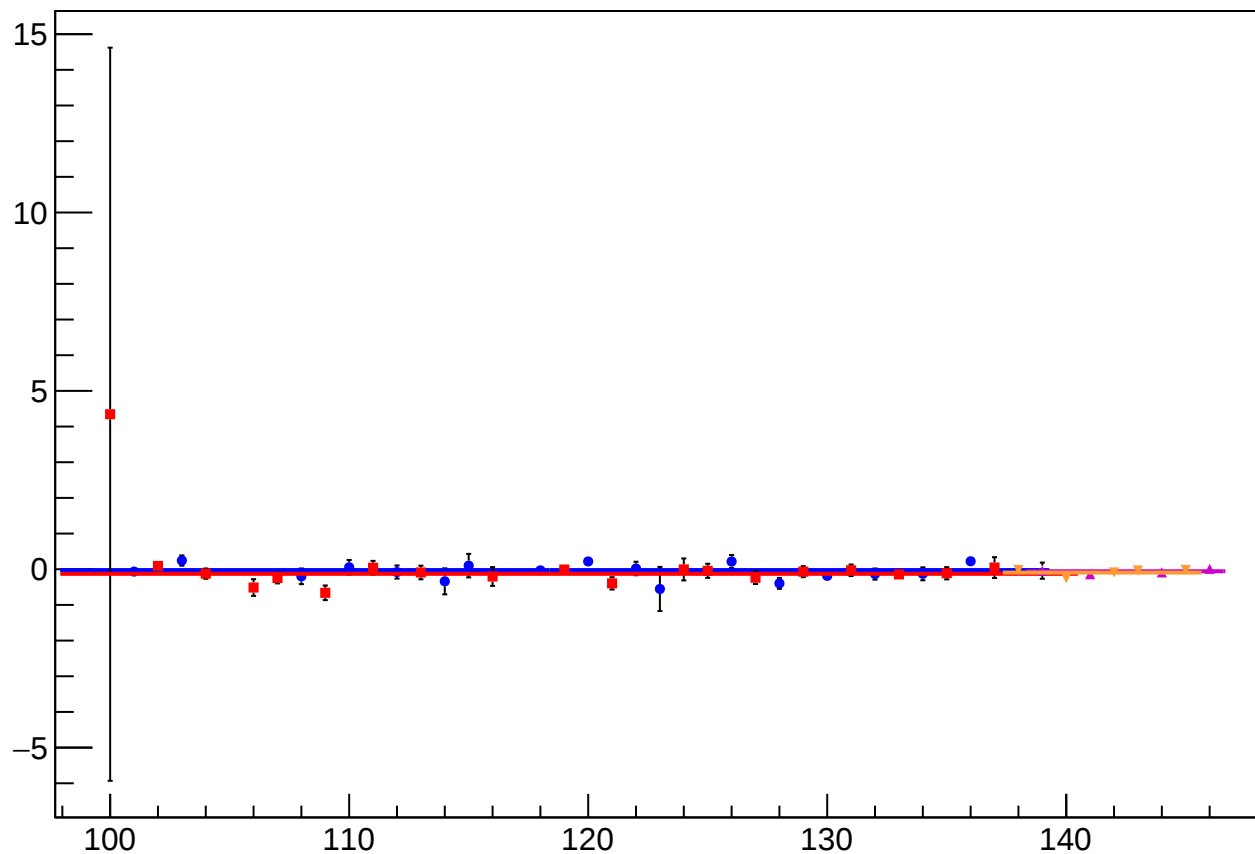
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.100 $\pm$ 0.069 χ^2 /NDF:5.4/3

Out: 0.110 $\pm$ 0.067 χ^2 /NDF:3.5/4

All: 0.009 $\pm$ 0.048 χ^2 /NDF: 13.7/8

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.093 ± 0.054 χ^2/NDF : 3.1/4

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.057 ± 0.053 χ^2/NDF : 1.4/3

Left: -0.075 ± 0.038 χ^2/NDF : 4.8/8

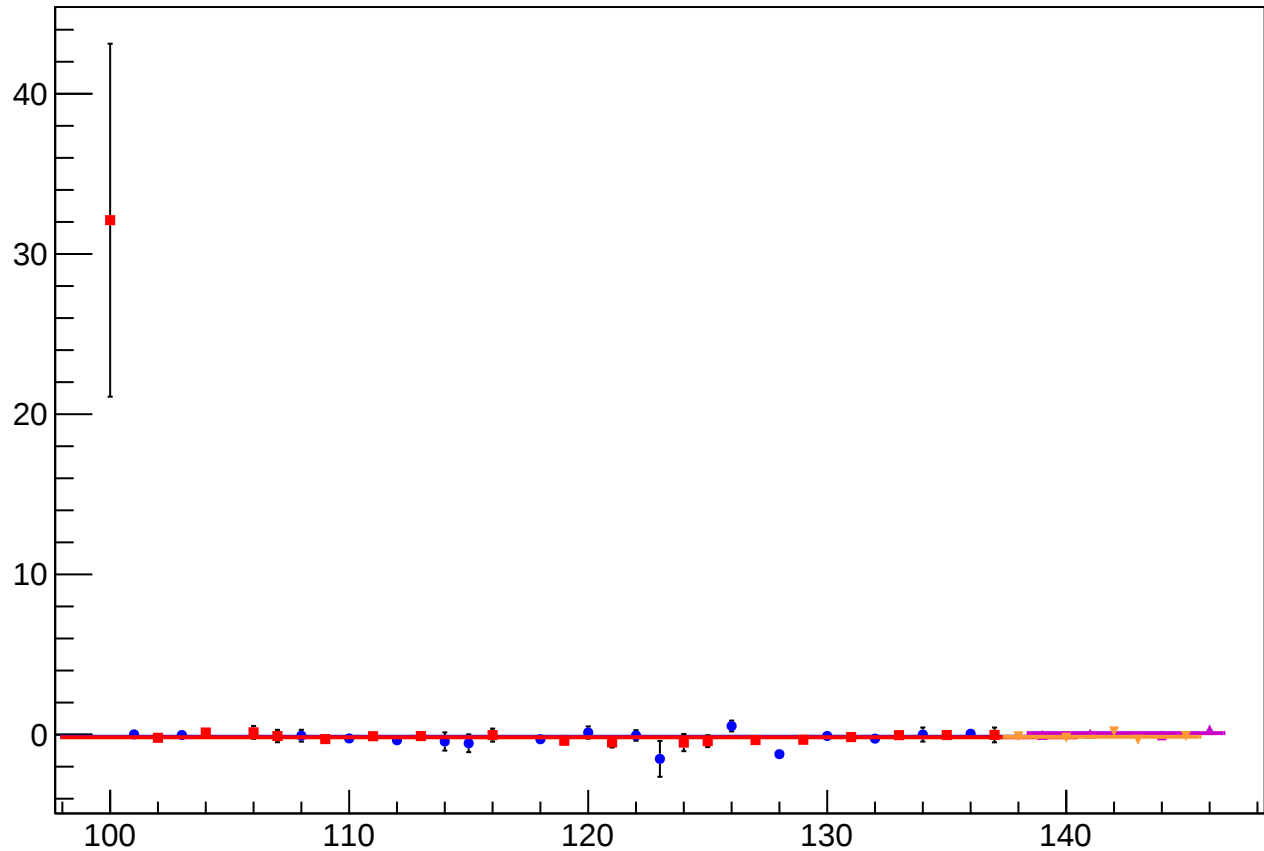
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.034 ± 0.030 χ^2/NDF : 24.1/20

Out: -0.117 ± 0.032 χ^2/NDF : 22.2/23

All: -0.073 ± 0.022 χ^2/NDF : 49.8/44

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: -0.136 ± 0.071 $\chi^2/\text{NDF}: 3.7/4$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.092 ± 0.072 $\chi^2/\text{NDF}: 4.5/3$

Left: -0.023 ± 0.050 $\chi^2/\text{NDF}: 13.3/8$

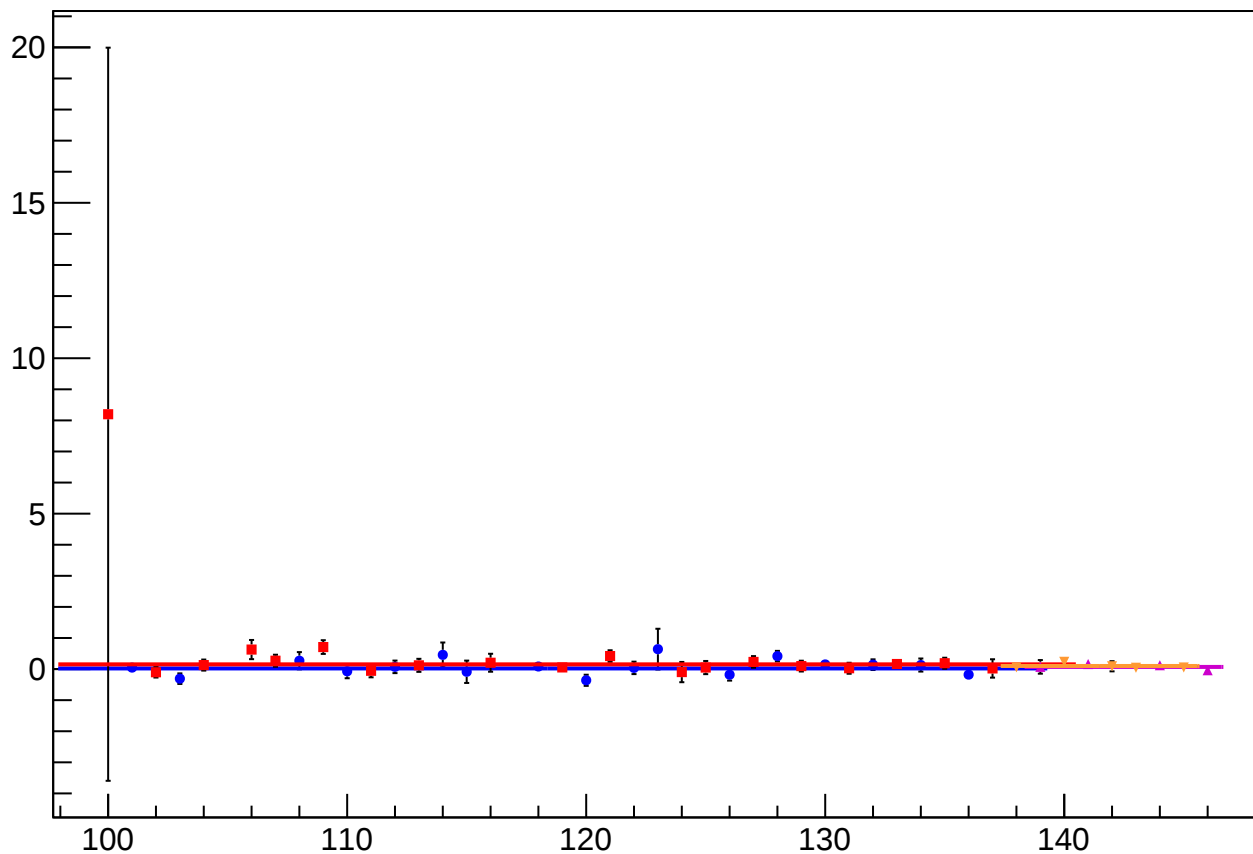
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.028 ± 0.049 $\chi^2/\text{NDF}: 35.5/20$

Out: -0.151 ± 0.050 $\chi^2/\text{NDF}: 18.5/23$

All: -0.088 ± 0.035 $\chi^2/\text{NDF}: 57.0/44$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.100 $\pm$ 0.064 χ^2 /NDF:1.4/4

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.069 $\pm$ 0.064 χ^2 /NDF:1.8/3

Left: 0.084 $\pm$ 0.045 χ^2 /NDF: 3.3/8

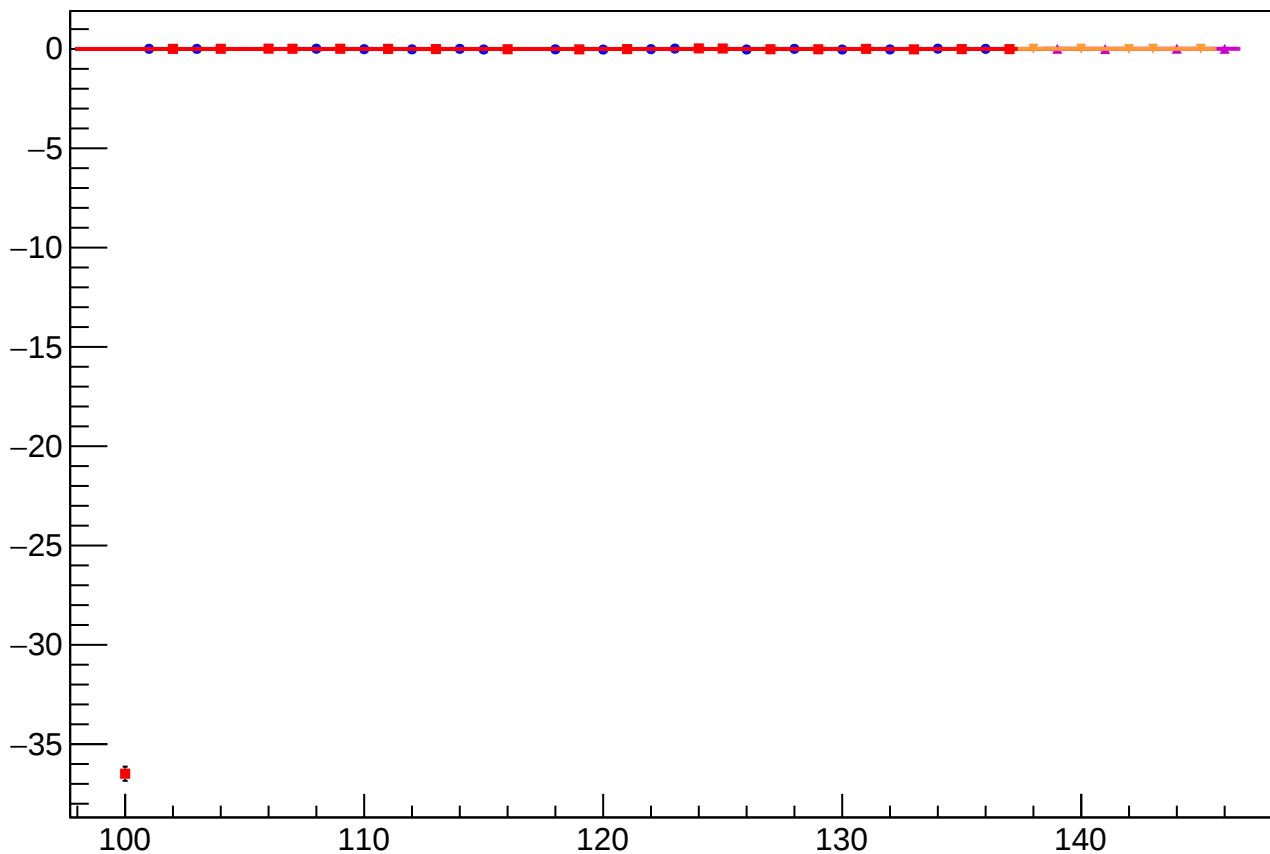
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.035 $\pm$ 0.035 χ^2 /NDF:24.0/20

Out: 0.134 $\pm$ 0.037 χ^2 /NDF:19.2/23

All: 0.082 $\pm$ 0.026 χ^2 /NDF: 46.9/44

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 : 2.0/3

Left: 0.010 $\pm$ 0.002 χ^2/NDF : 5.6/8

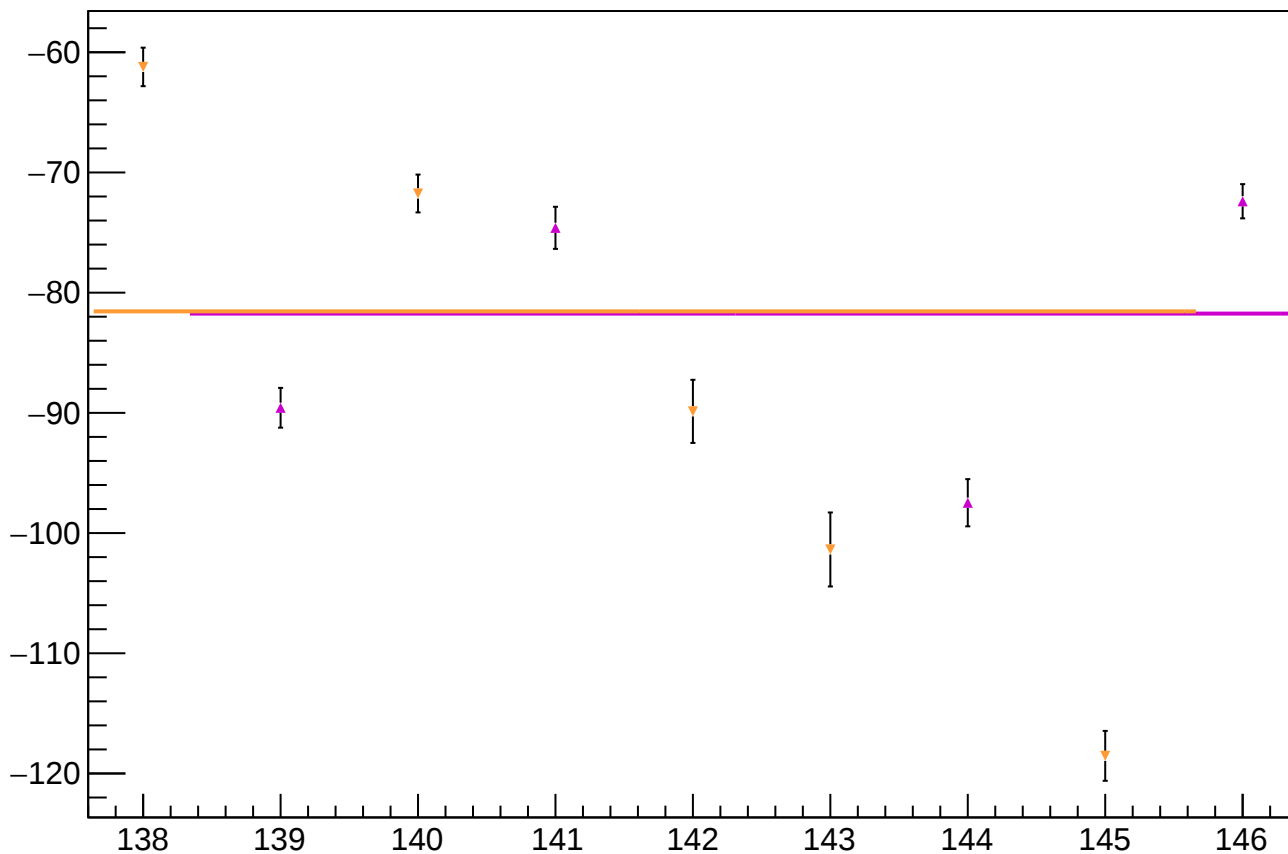
Right: 0.001 $\pm$ 0.002 χ^2/NDF : 10481.2/35

In: 0.005 $\pm$ 0.002 χ^2/NDF : 41.4/20

Out: 0.004 $\pm$ 0.002 χ^2/NDF : 10457.9/23

All: 0.004 $\pm$ 0.001 χ^2/NDF : 10499.3/44

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -81.555+/-0.885 χ^2/NDF :568.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.741+/-0.832 χ^2/NDF :146.4/3

Left: -81.654+/-0.606 χ^2/NDF : 715.2/8

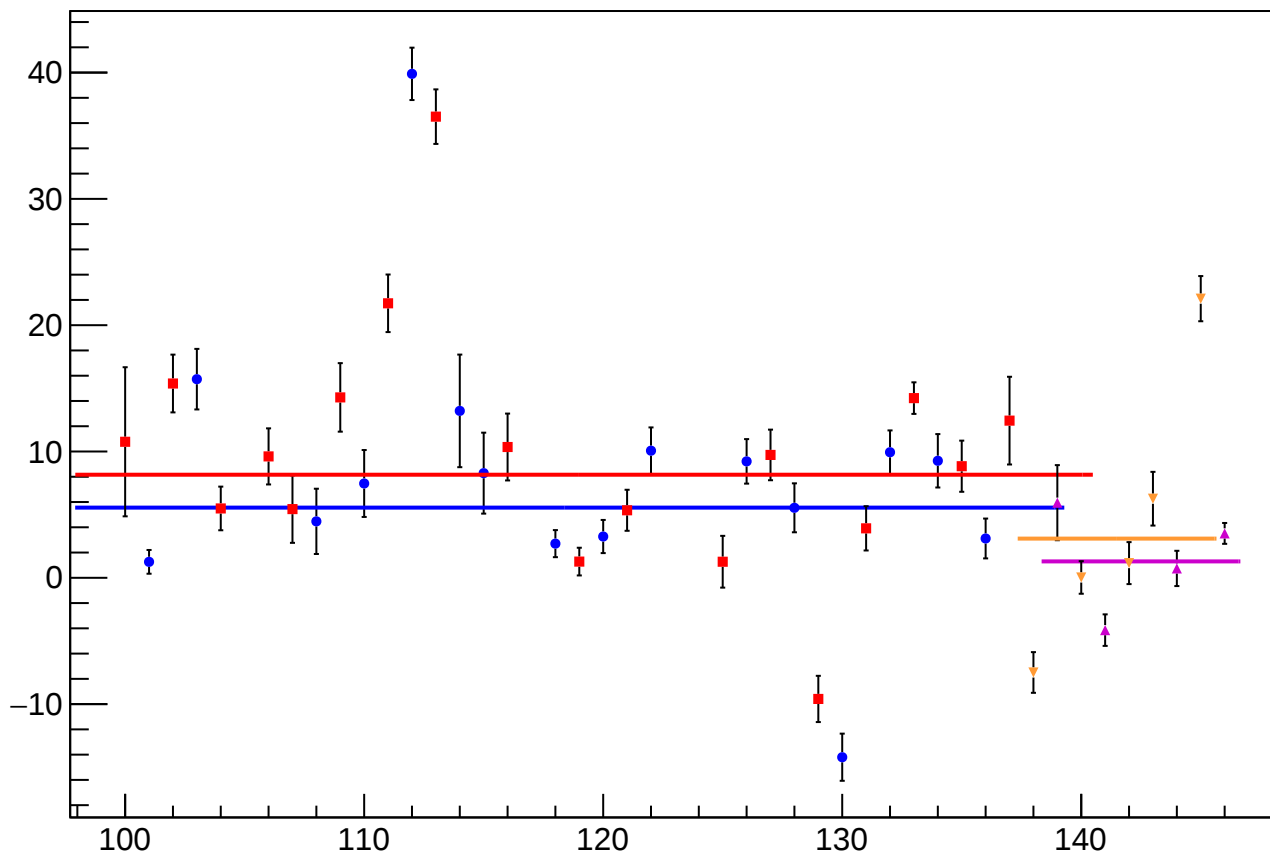
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.741+/-0.832 χ^2/NDF :146.4/3

Out: -81.555+/-0.885 χ^2/NDF :568.8/4

All: -81.654+/-0.606 χ^2/NDF : 715.2/8

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 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: 1.299 ± 0.605 $\chi^2/\text{NDF}: 28.8/3$

Left: 2.035 ± 0.465 $\chi^2/\text{NDF}: 197.8/8$

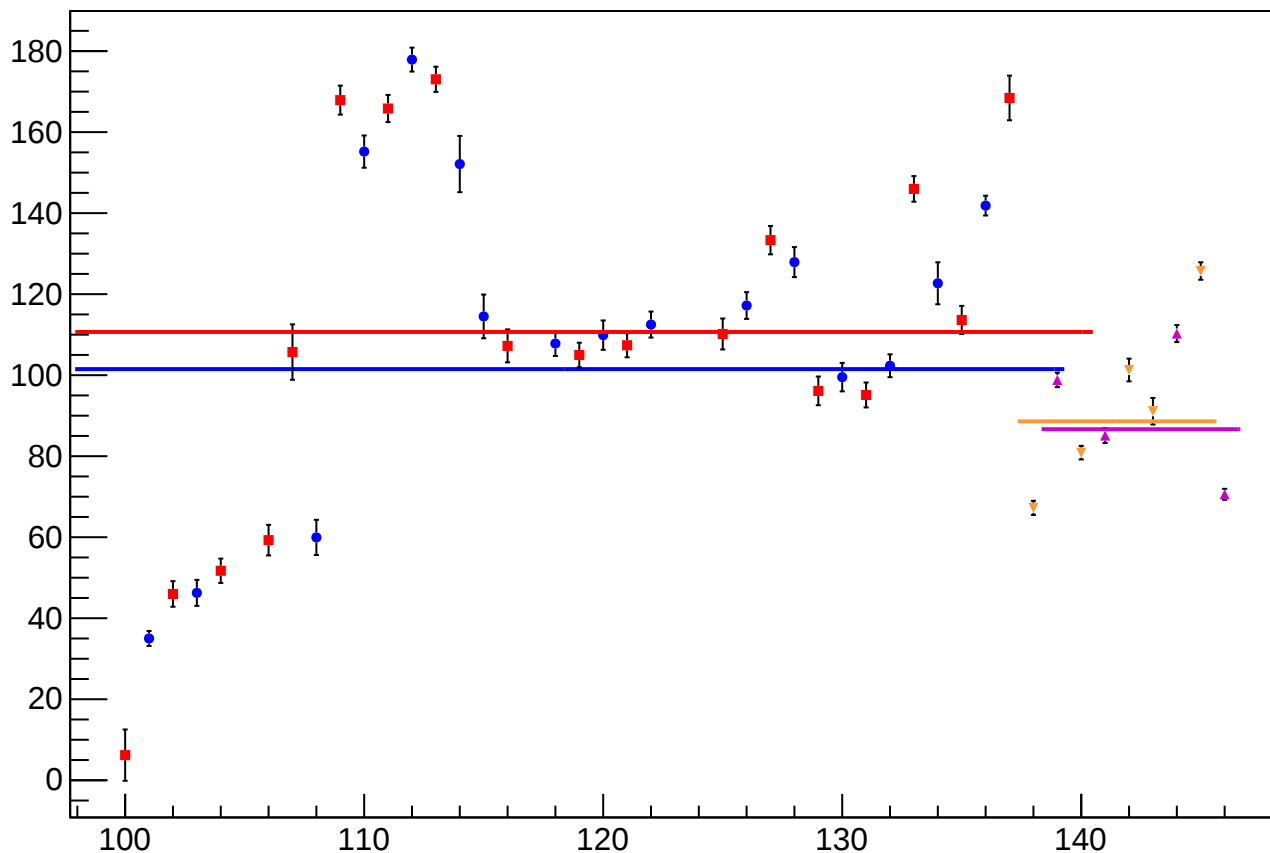
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.153 ± 0.347 $\chi^2/\text{NDF}: 524.1/19$

Out: 6.752 ± 0.385 $\chi^2/\text{NDF}: 607.1/22$

All: 5.320 ± 0.258 $\chi^2/\text{NDF}: 1156.3/42$

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: 86.660 $\pm$ 0.855 χ^2 /NDF:313.0/3

Left: 87.536 $\pm$ 0.634 χ^2 /NDF: 805.4/8

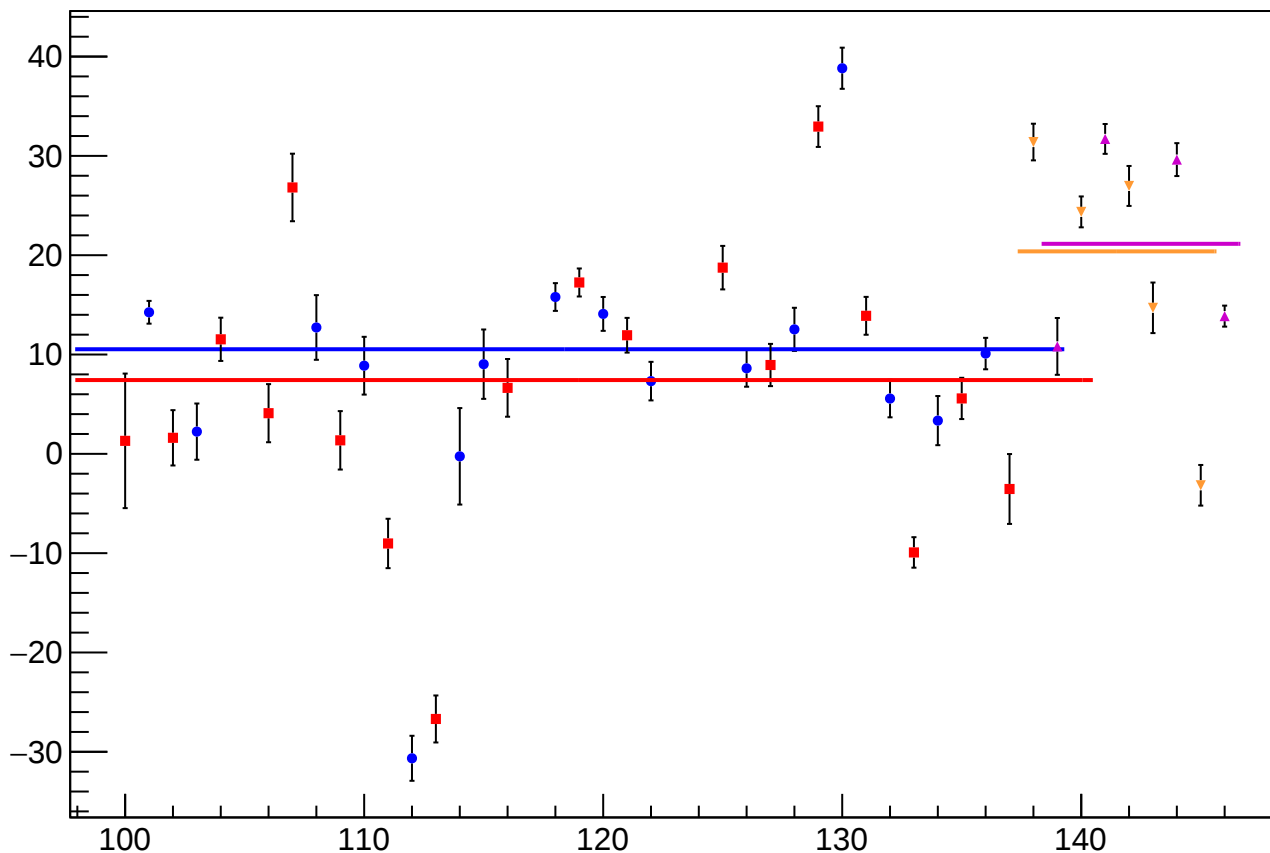
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 94.495 $\pm$ 0.587 χ^2 /NDF:3444.9/19

Out: 100.971 $\pm$ 0.626 χ^2 /NDF:3310.2/22

All: 97.529 $\pm$ 0.428 χ^2 /NDF: 6812.1/42

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: 21.147 $\pm$ 0.741 χ^2 /NDF:136.0/3

Left: 20.823 $\pm$ 0.562 χ^2 /NDF: 326.8/8

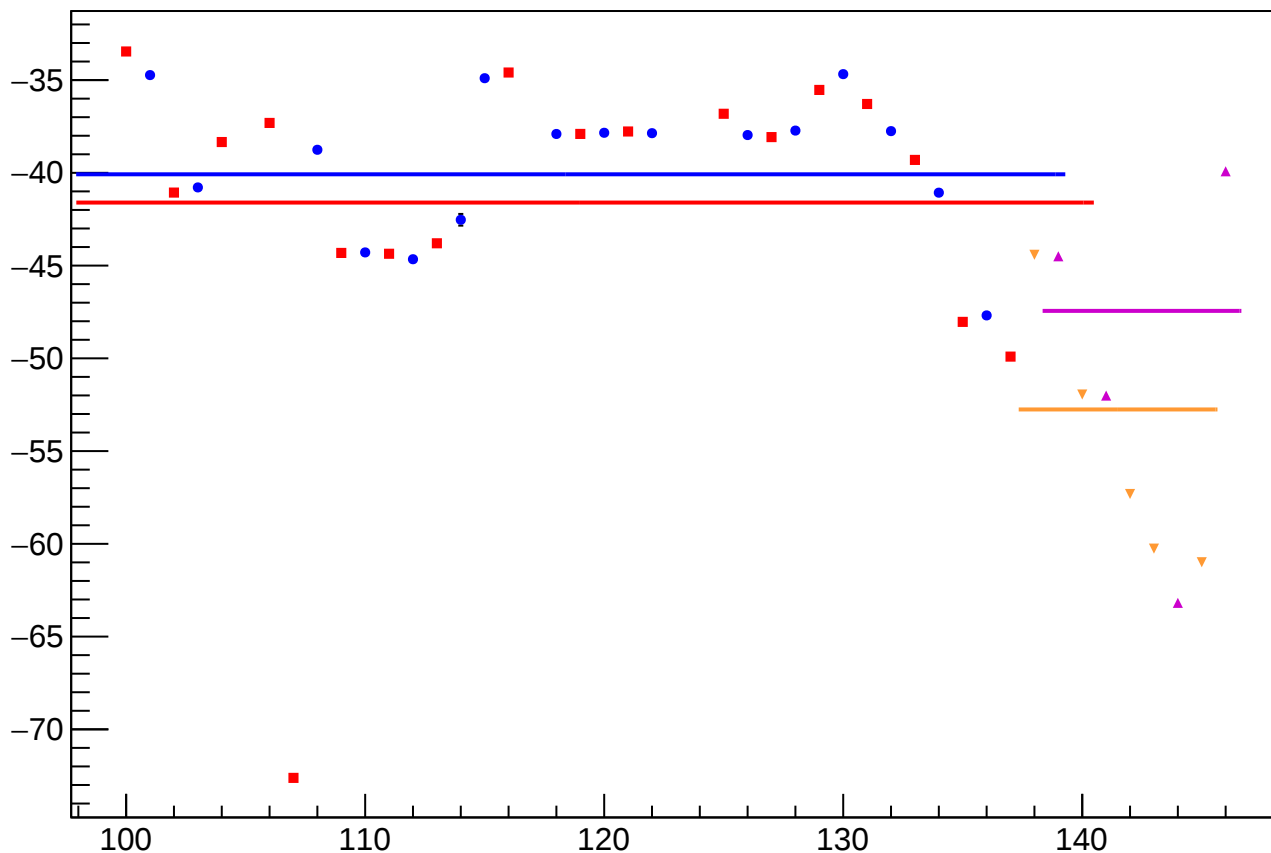
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 13.790 $\pm$ 0.410 χ^2 /NDF:858.7/19

Out: 10.923 $\pm$ 0.447 χ^2 /NDF:1041.3/22

All: 12.481 $\pm$ 0.302 χ^2 /NDF: 1922.4/42

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -52.756 $\pm$ 0.039 χ^2 /NDF: 29028.0/4

Right Out: -41.602 $\pm$ 0.029 χ^2 /NDF: 61856.4/17

Left In: -47.442 $\pm$ 0.035 χ^2 /NDF: 49508.9/3

Left: -49.864 $\pm$ 0.026 χ^2 /NDF: 88853.0/8

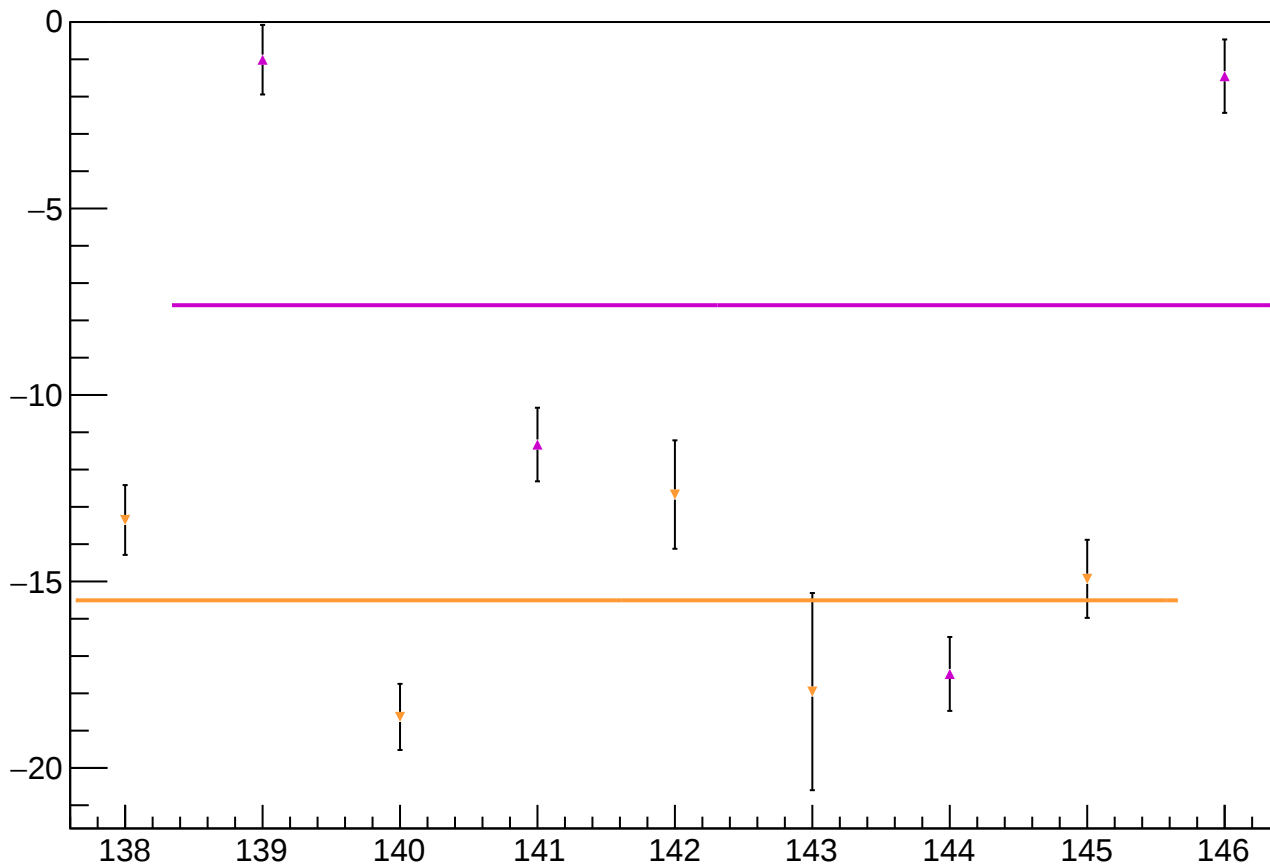
Right: -40.831 $\pm$ 0.020 χ^2 /NDF: 88443.2/33

In: -42.947 $\pm$ 0.022 χ^2 /NDF: 101171.2/19

Out: -45.550 $\pm$ 0.023 χ^2 /NDF: 144833.9/22

All: -44.196 $\pm$ 0.016 χ^2 /NDF: 252691.3/42

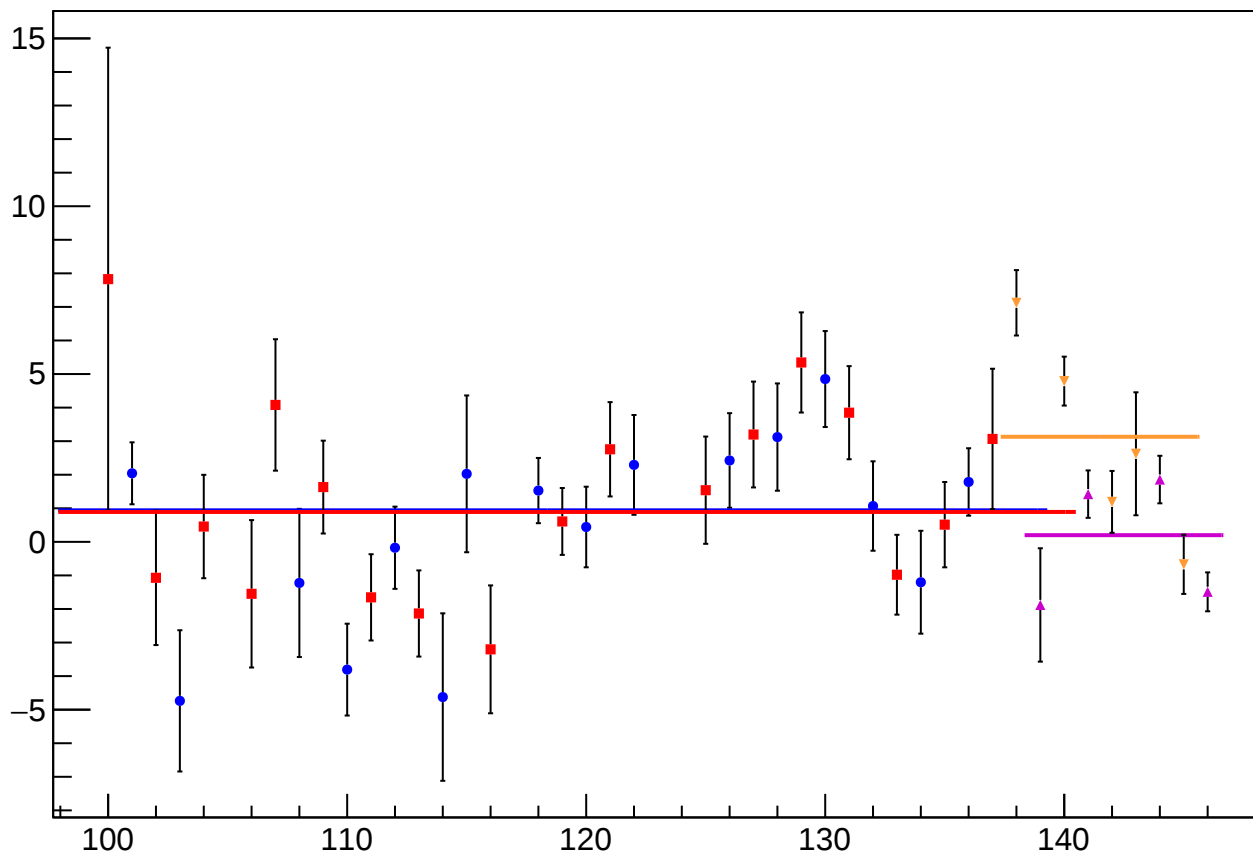
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -7.593 $\pm$ 0.486 χ^2 /NDF:202.6/3

Left: -11.412 $\pm$ 0.350 χ^2 /NDF: 353.0/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.593 $\pm$ 0.486 χ^2 /NDF:202.6/3
 Out: -15.506 $\pm$ 0.504 χ^2 /NDF:22.7/4
 All: -11.412 $\pm$ 0.350 χ^2 /NDF: 353.0/8

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 3.131 ± 0.419 $\chi^2/\text{NDF}: 45.0/4$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.199 ± 0.369 $\chi^2/\text{NDF}: 18.5/3$

Left: 1.482 ± 0.277 $\chi^2/\text{NDF}: 91.1/8$

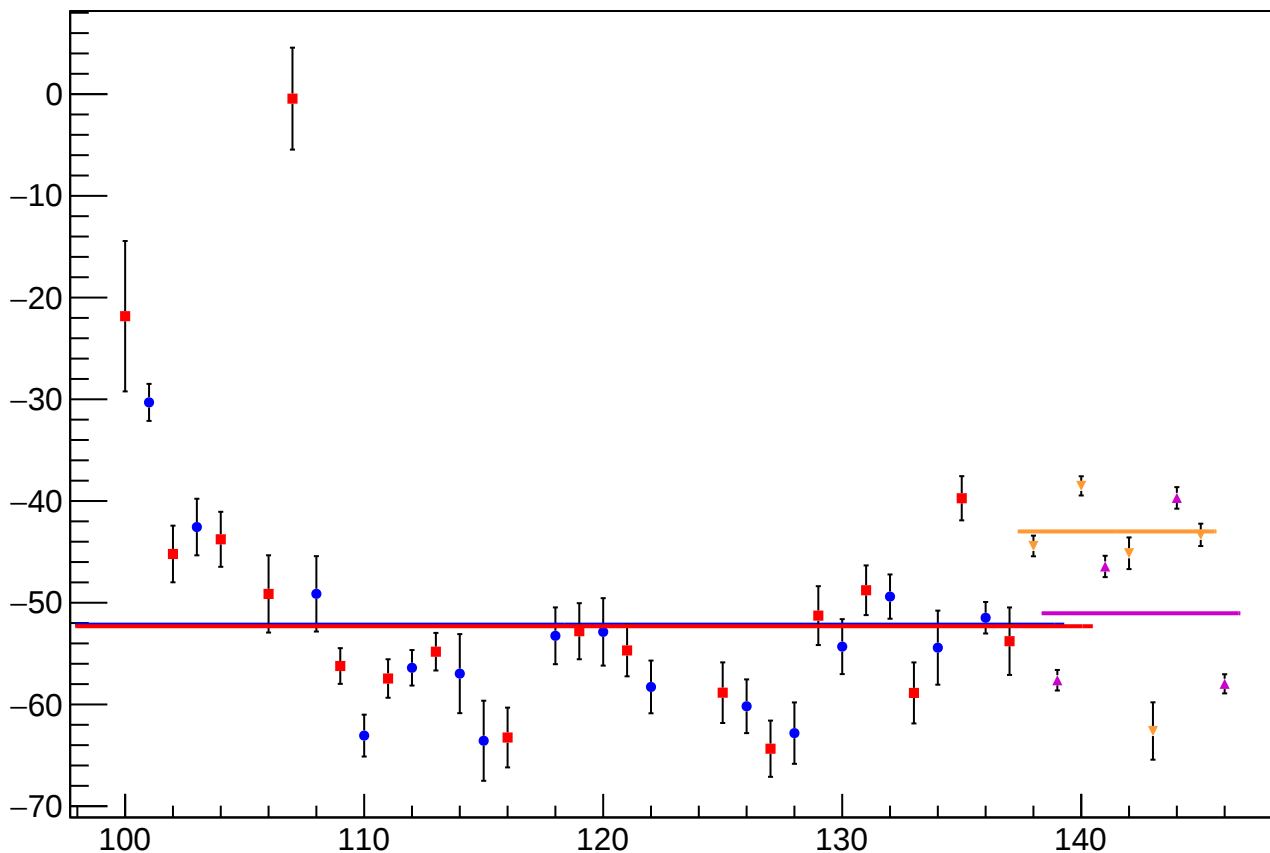
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.601 ± 0.250 $\chi^2/\text{NDF}: 62.9/19$

Out: 1.823 ± 0.270 $\chi^2/\text{NDF}: 103.3/22$

All: 1.164 ± 0.183 $\chi^2/\text{NDF}: 177.2/42$

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: -51.035 ± 0.506 χ^2/NDF : 230.4/3

Left: -47.257 ± 0.368 χ^2/NDF : 424.1/8

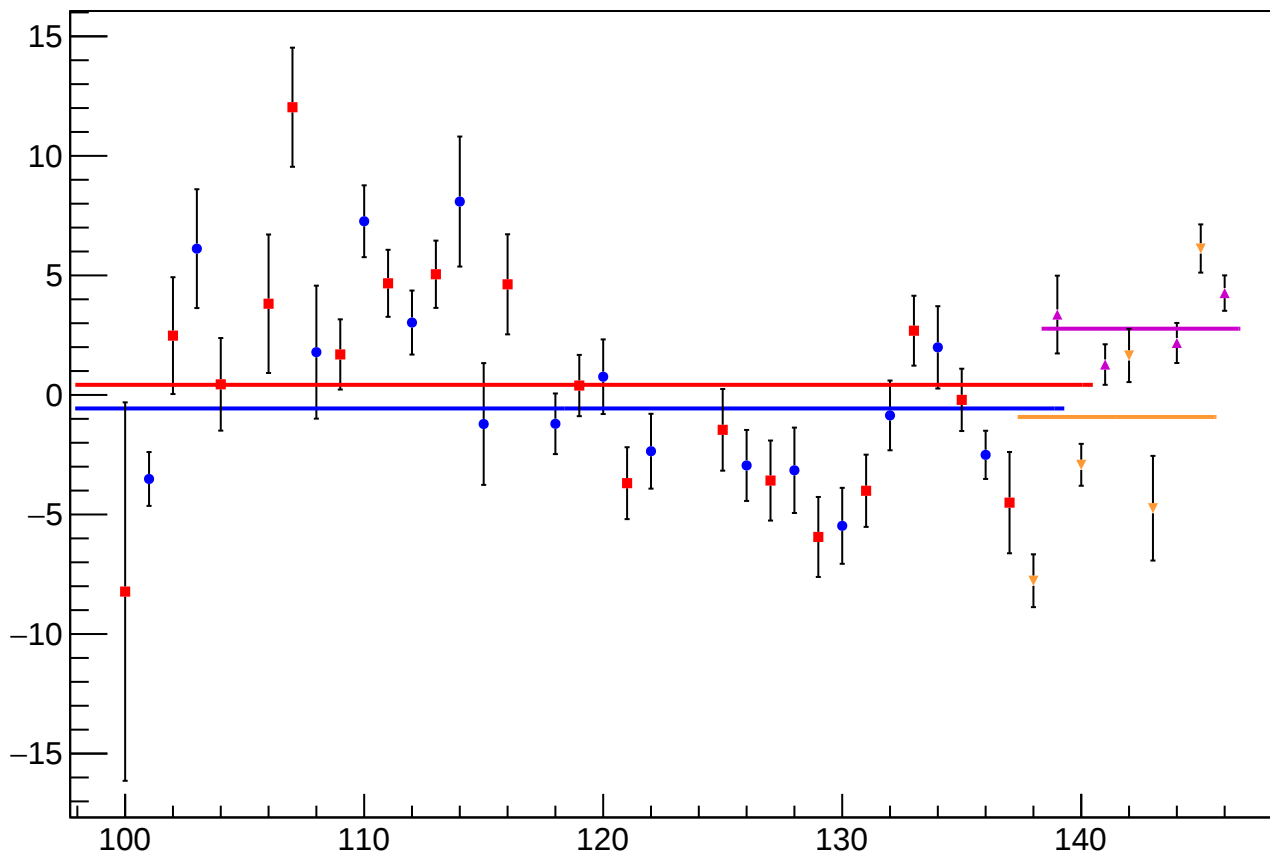
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -51.489 ± 0.390 χ^2/NDF : 463.5/19

Out: -47.021 ± 0.405 χ^2/NDF : 439.7/22

All: -49.338 ± 0.281 χ^2/NDF : 966.2/42

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: 2.771 ± 0.447 χ^2/NDF : 7.8/3

Left: 1.106 ± 0.331 χ^2/NDF : 139.5/8

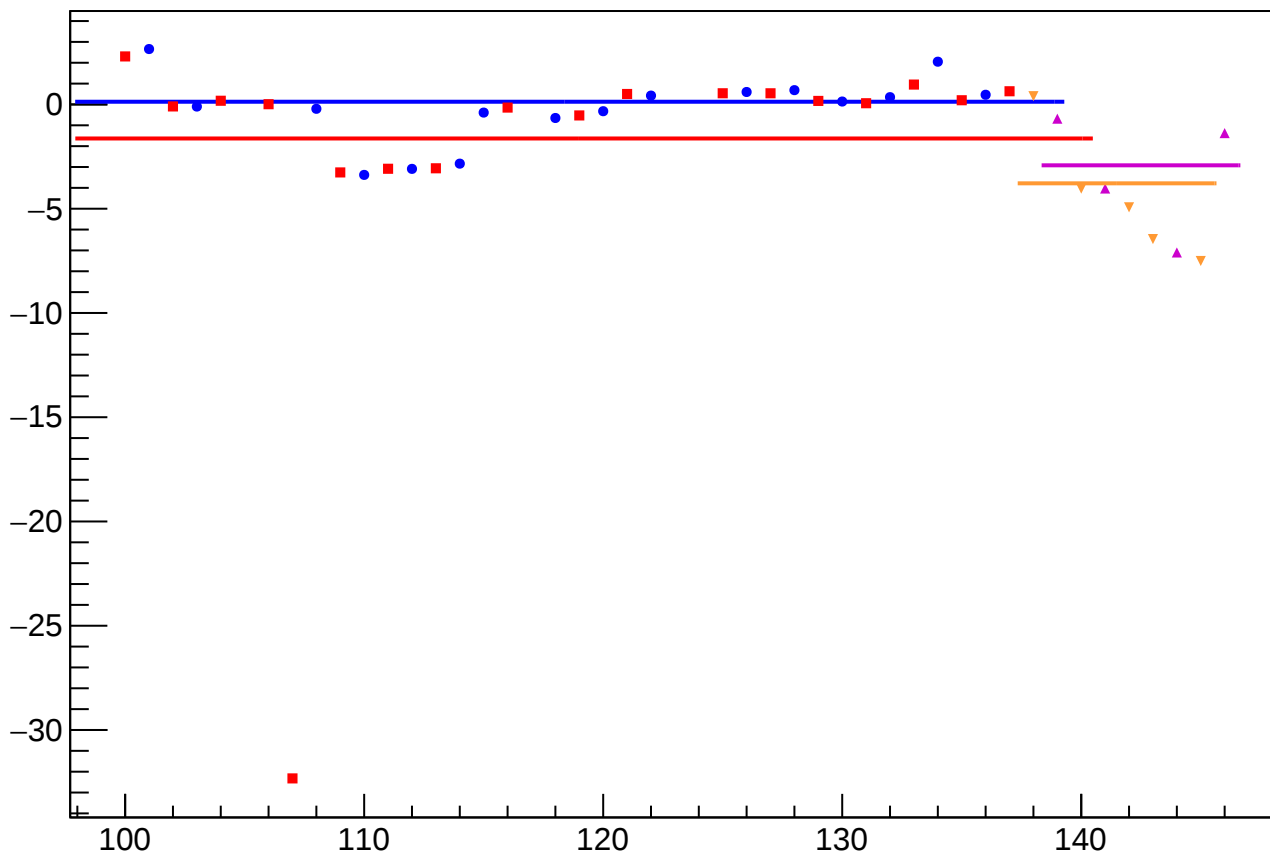
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 0.855 ± 0.291 χ^2/NDF : 121.7/19

Out: -0.110 ± 0.310 χ^2/NDF : 200.7/22

All: 0.403 ± 0.212 χ^2/NDF : 327.5/42

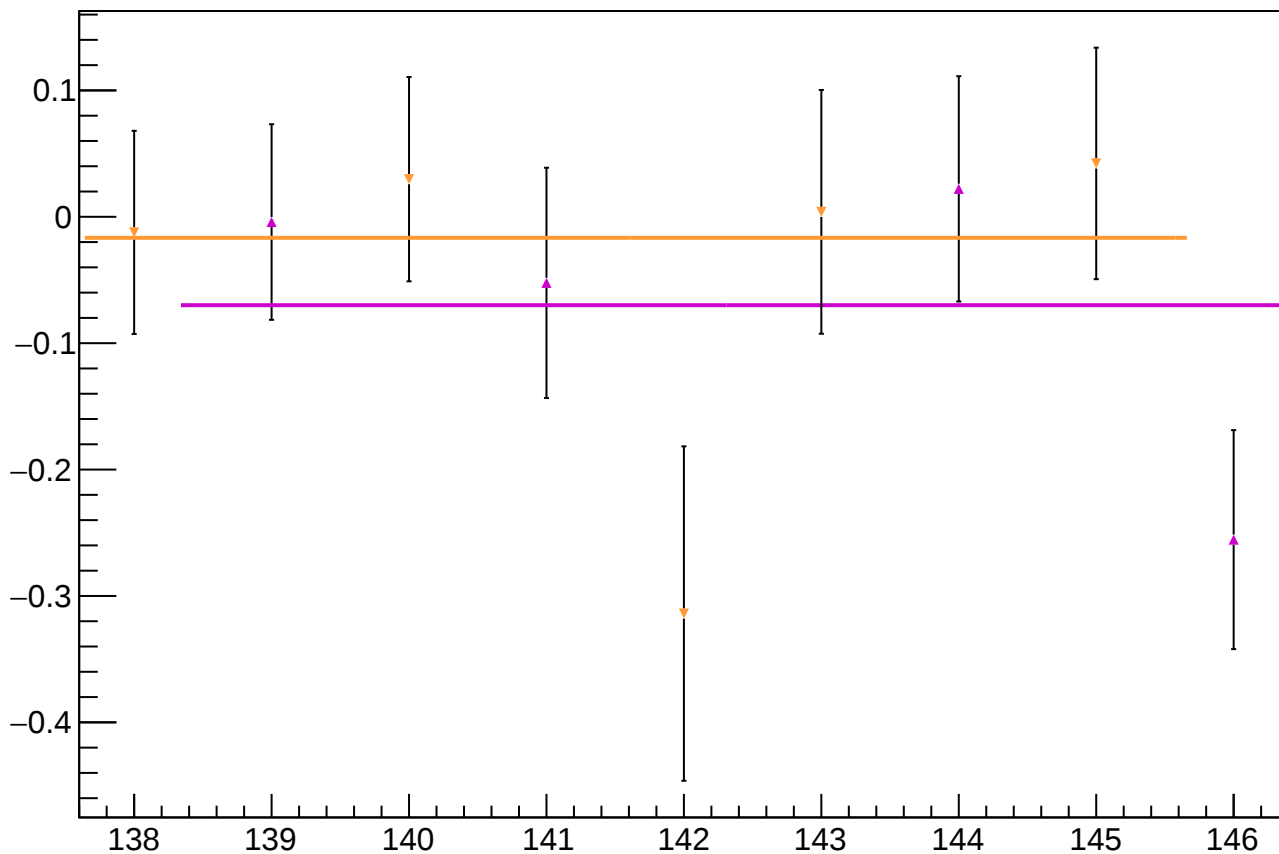
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 $\pm$ 0.022 χ^2 /NDF: 5232.9/15
 Left Out: -3.783 $\pm$ 0.022 χ^2 /NDF:19440.8/4
 Right Out: -1.632 $\pm$ 0.022 χ^2 /NDF: 77874.4/17
 Left In: -2.919 $\pm$ 0.021 χ^2 /NDF:14018.0/3

Left: -3.328 $\pm$ 0.015 χ^2 /NDF: 34284.6/8
 Right: -0.739 $\pm$ 0.015 χ^2 /NDF: 86417.2/33
 In: -1.455 $\pm$ 0.015 χ^2 /NDF:29690.3/19
 Out: -2.706 $\pm$ 0.015 χ^2 /NDF:102177.0/22
 All: -2.059 $\pm$ 0.011 χ^2 /NDF: 135271.9/42

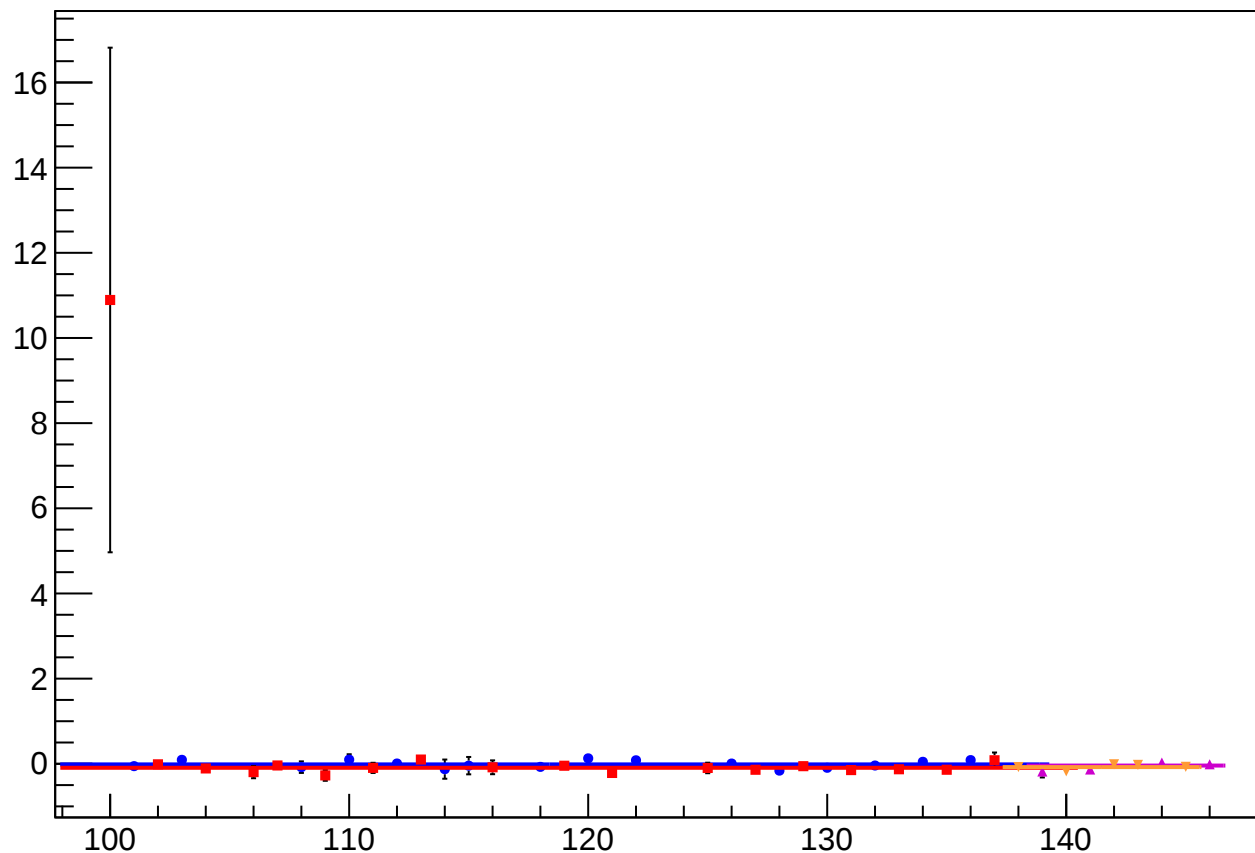
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.070+/-0.043 χ^2/NDF : 6.4/3

Left: -0.042+/-0.030 χ^2/NDF : 13.1/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.070+/-0.043 χ^2/NDF : 6.4/3
 Out: -0.017+/-0.041 χ^2/NDF : 5.8/4
 All: -0.042+/-0.030 χ^2/NDF : 13.1/8

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.078 ± 0.034 χ^2/NDF : 3.4/4

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.041 ± 0.033 χ^2/NDF : 4.5/3

Left: -0.059 ± 0.024 χ^2/NDF : 8.6/8

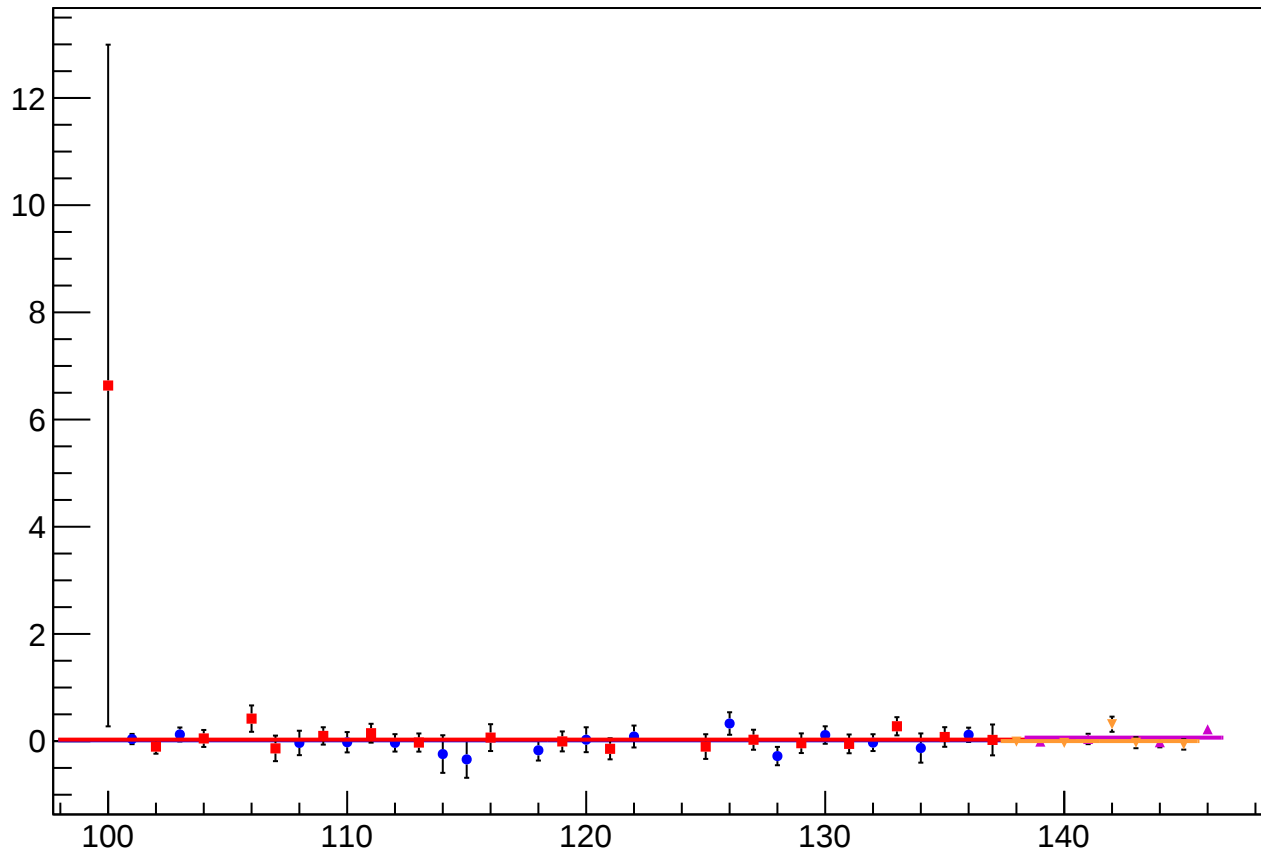
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.023 ± 0.019 χ^2/NDF : 17.4/19

Out: -0.088 ± 0.020 χ^2/NDF : 17.1/22

All: -0.054 ± 0.014 χ^2/NDF : 40.1/42

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: 0.065+/-0.045 χ^2/NDF : 5.2/3

Left: 0.033+/-0.031 χ^2/NDF : 11.8/8

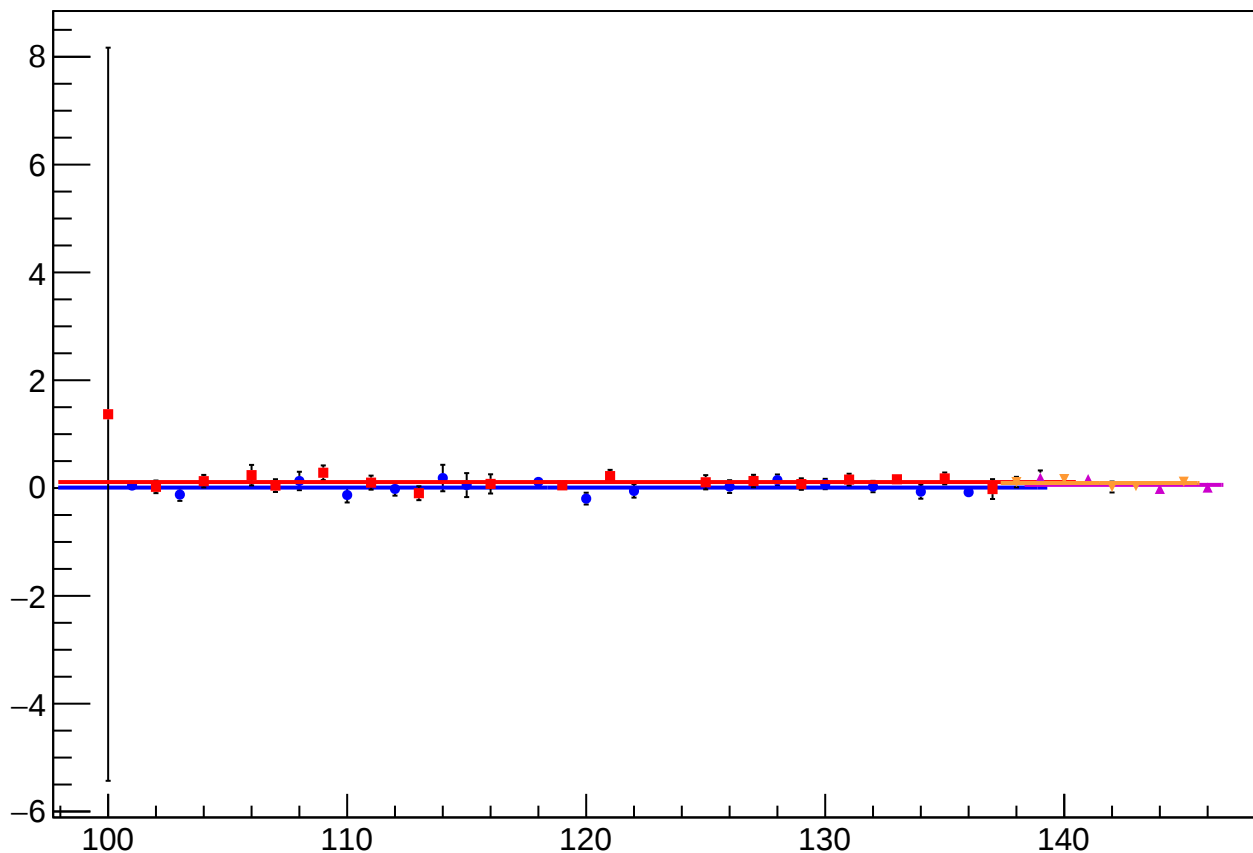
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.039+/-0.031 χ^2/NDF : 15.9/19

Out: 0.014+/-0.031 χ^2/NDF : 15.3/22

All: 0.027+/-0.022 χ^2/NDF : 31.6/42

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: 0.059 $\pm$ 0.040 χ^2/NDF : 4.4/3

Left: 0.076 $\pm$ 0.028 χ^2/NDF : 6.8/8

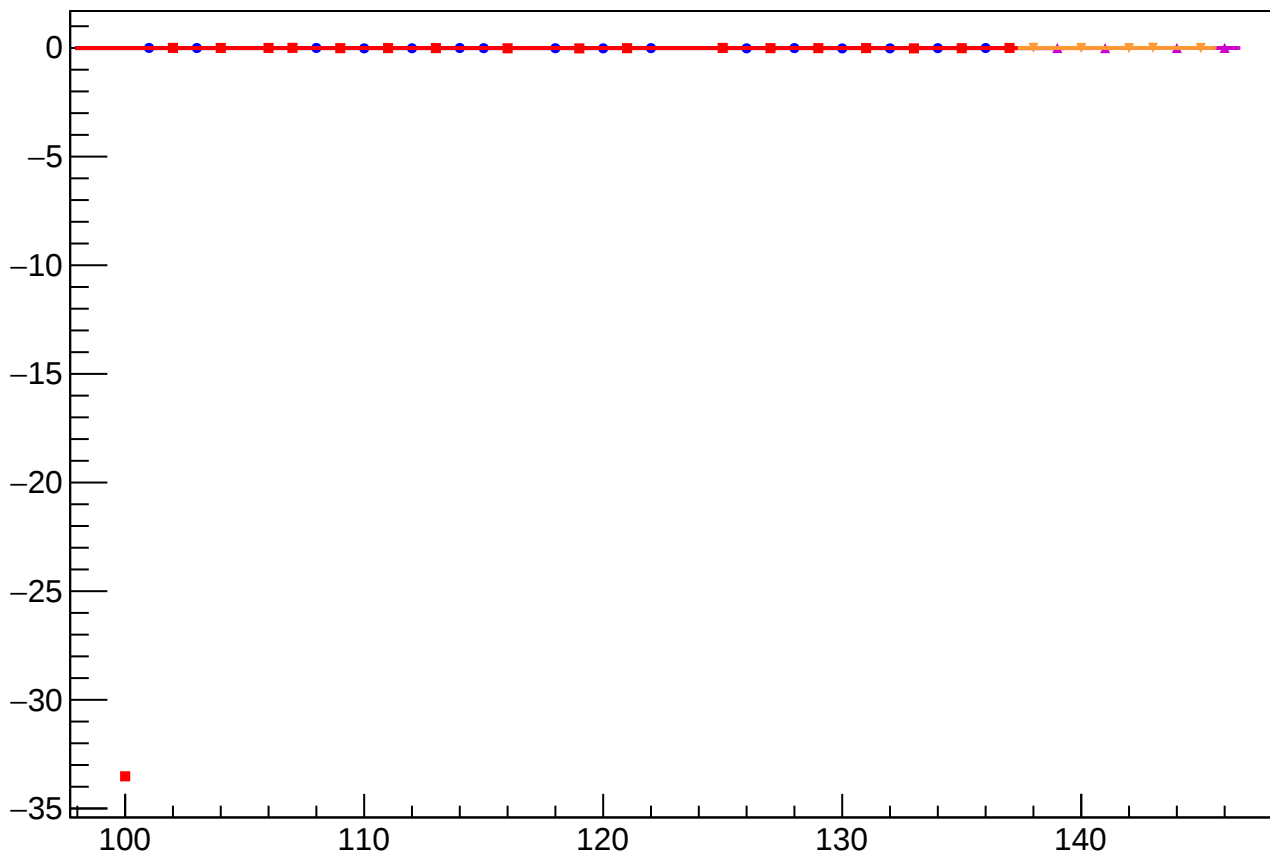
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/33

In: 0.024 $\pm$ 0.022 χ^2/NDF : 18.1/19

Out: 0.105 $\pm$ 0.023 χ^2/NDF : 10.8/22

All: 0.063 $\pm$ 0.016 χ^2/NDF : 35.2/42

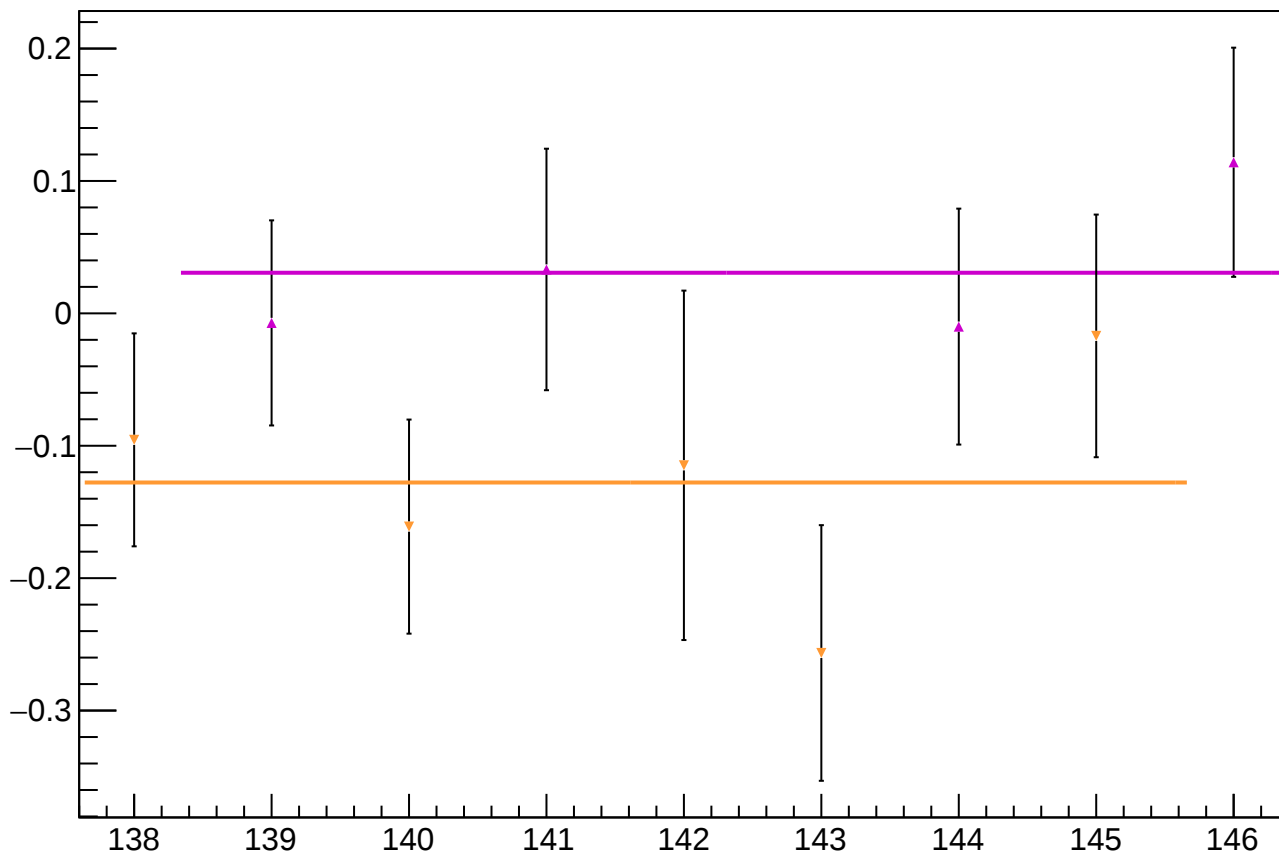
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15
 Left Out: 0.001 $\pm$ 0.002 χ^2 /NDF:8.3/4
 Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17
 Left In: -0.002 $\pm$ 0.002 χ^2 /NDF:2.9/3

Left: -0.000 $\pm$ 0.001 χ^2 /NDF: 12.6/8
 Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33
 In: -0.004 $\pm$ 0.001 χ^2 /NDF:27.6/19
 Out: -0.003 $\pm$ 0.001 χ^2 /NDF:26526.5/22
 All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26554.5/42

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.128+/-0.041 χ^2/NDF : 3.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.031+/-0.043 χ^2/NDF : 1.4/3

Left: -0.052+/-0.030 χ^2/NDF : 12.1/8

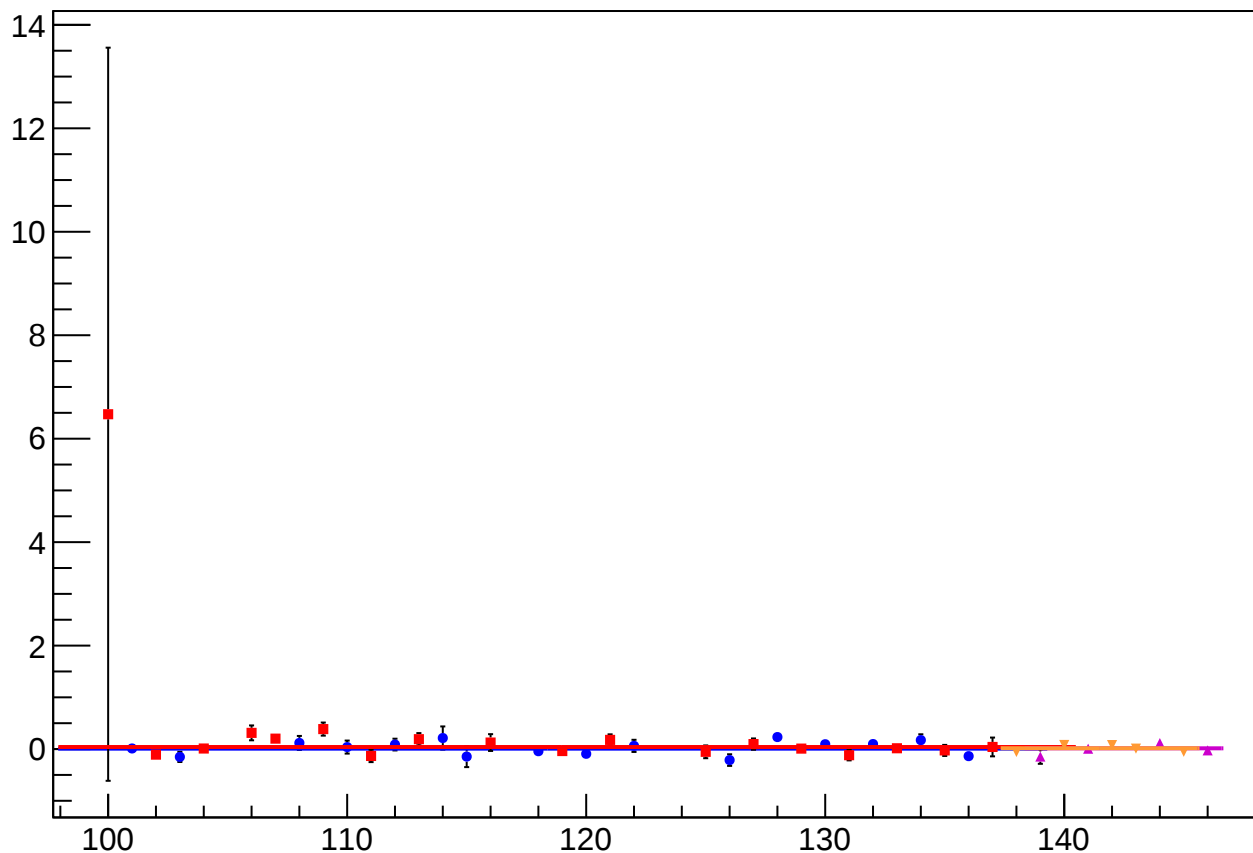
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.031+/-0.043 χ^2/NDF : 1.4/3

Out: -0.128+/-0.041 χ^2/NDF : 3.6/4

All: -0.052+/-0.030 χ^2/NDF : 12.1/8

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: 0.016 $\pm$ 0.034 χ^2 /NDF:2.9/4

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.014 $\pm$ 0.033 χ^2 /NDF:4.4/3

Left: 0.015 $\pm$ 0.024 χ^2 /NDF: 7.3/8

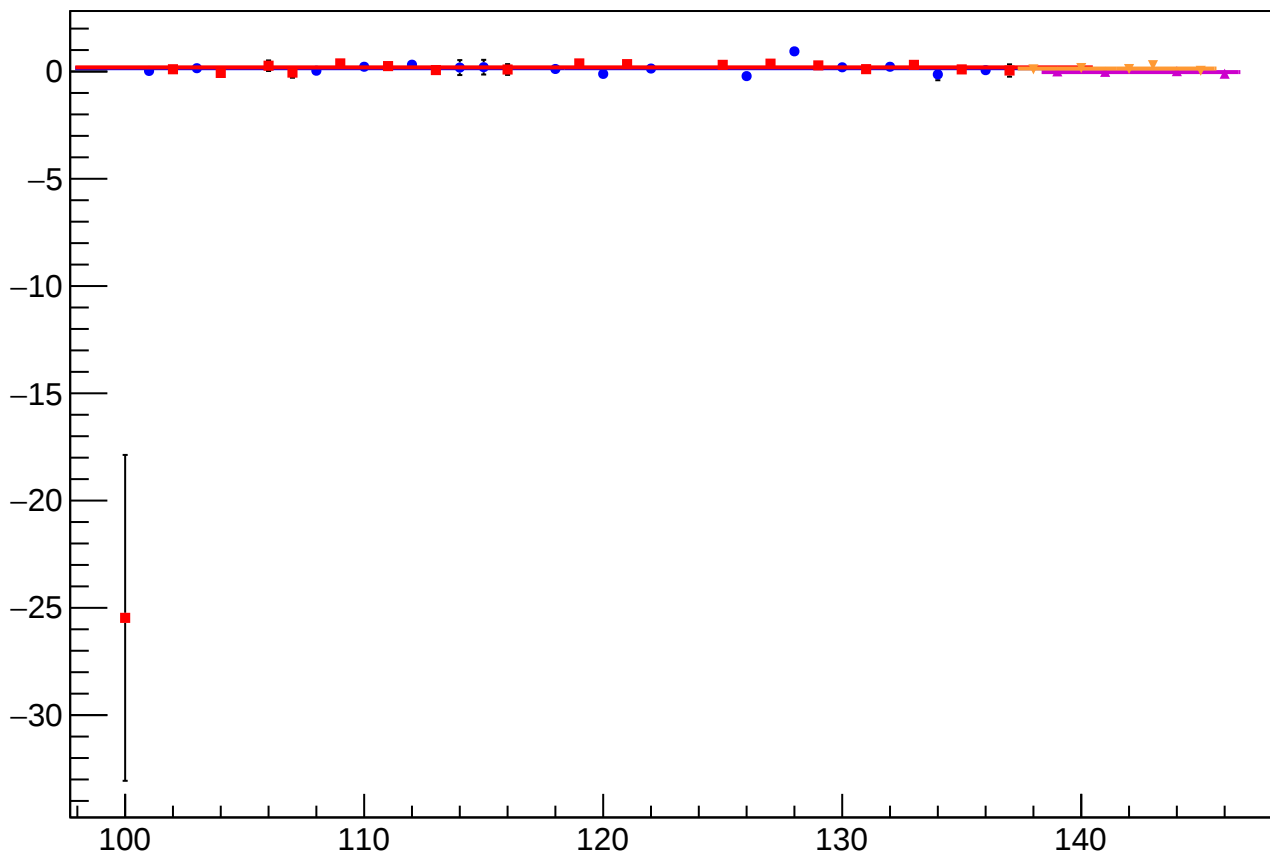
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.010 $\pm$ 0.019 χ^2 /NDF:28.1/19

Out: 0.031 $\pm$ 0.020 χ^2 /NDF:31.7/22

All: 0.020 $\pm$ 0.014 χ^2 /NDF: 60.3/42

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.138 $\pm$ 0.044 χ^2 /NDF:3.8/4

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: -0.027 $\pm$ 0.045 χ^2 /NDF:1.2/3

Left: 0.057 $\pm$ 0.031 χ^2 /NDF: 12.1/8

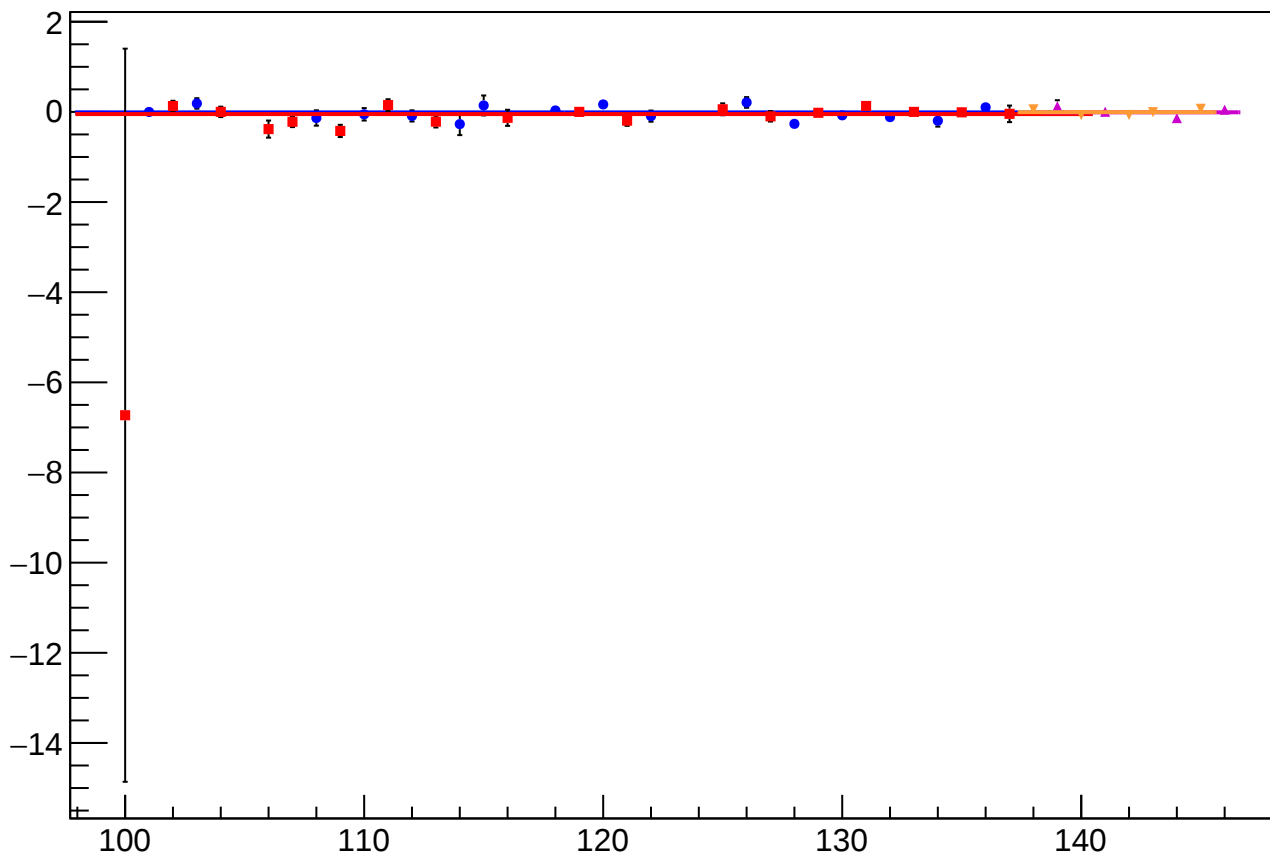
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.067 $\pm$ 0.031 χ^2 /NDF:40.3/19

Out: 0.165 $\pm$ 0.031 χ^2 /NDF:26.6/22

All: 0.115 $\pm$ 0.022 χ^2 /NDF: 71.9/42

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: -0.006 ± 0.039 $\chi^2/\text{NDF}: 2.1/4$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.009 ± 0.040 $\chi^2/\text{NDF}: 4.7/3$

Left: -0.007 ± 0.028 $\chi^2/\text{NDF}: 6.8/8$

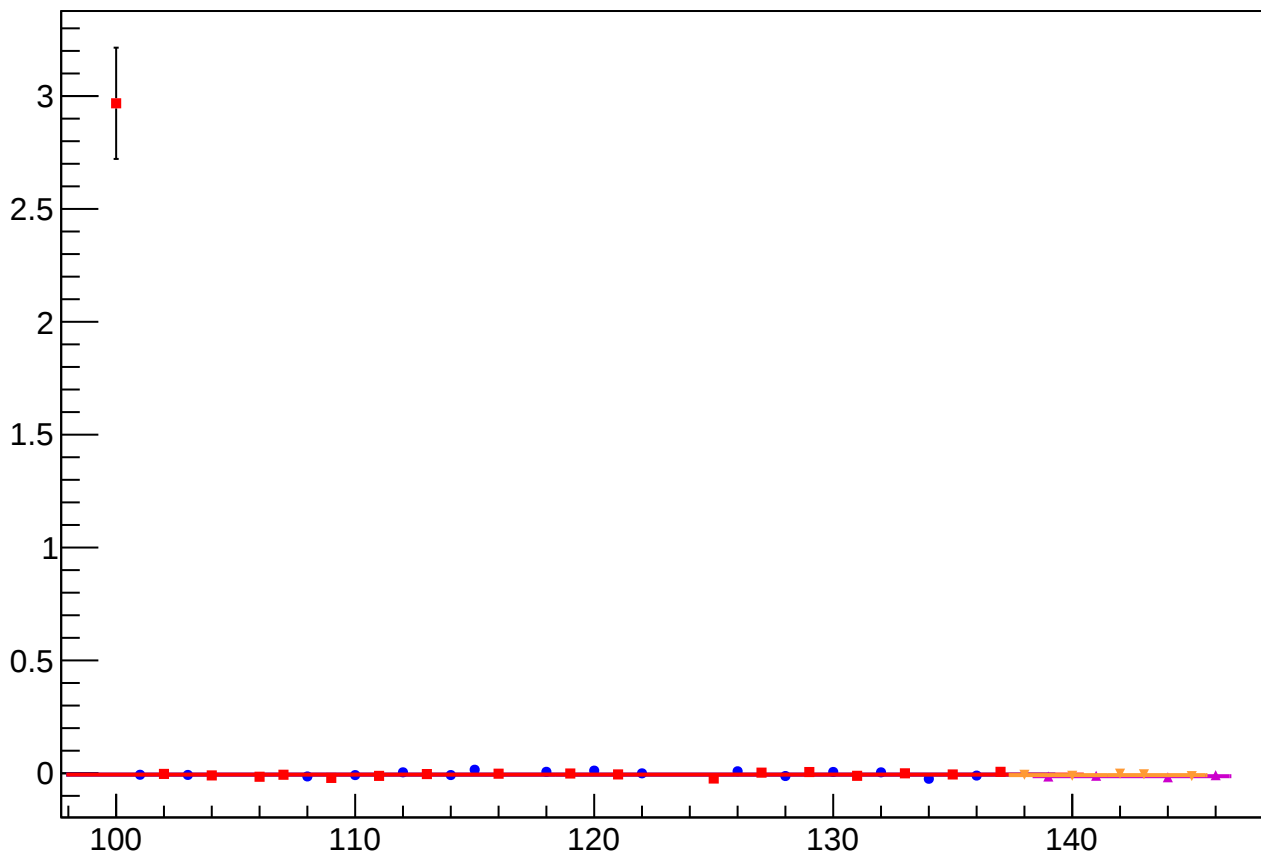
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.010 ± 0.022 $\chi^2/\text{NDF}: 28.1/19$

Out: -0.034 ± 0.023 $\chi^2/\text{NDF}: 29.1/22$

All: -0.022 ± 0.016 $\chi^2/\text{NDF}: 57.7/42$

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: -0.013 ± 0.002 χ^2/NDF : 3.1/3

Left: -0.010 ± 0.001 χ^2/NDF : 11.0/8

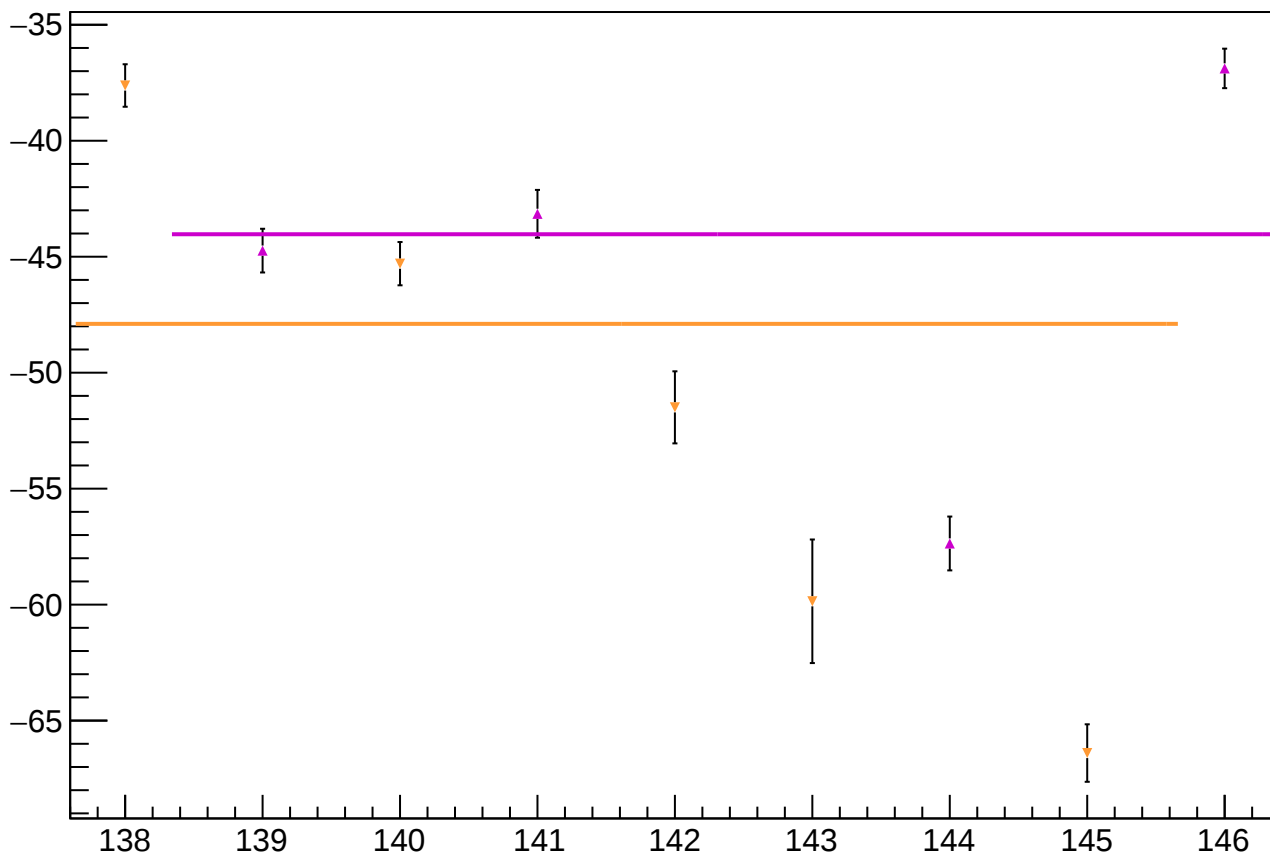
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 40.9/19

Out: -0.007 ± 0.001 χ^2/NDF : 170.4/22

All: -0.008 ± 0.001 χ^2/NDF : 212.8/42

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -47.895+/-0.531 χ^2/NDF :381.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.031+/-0.488 χ^2/NDF :203.8/3

Left: -45.802+/-0.360 χ^2/NDF : 614.4/8

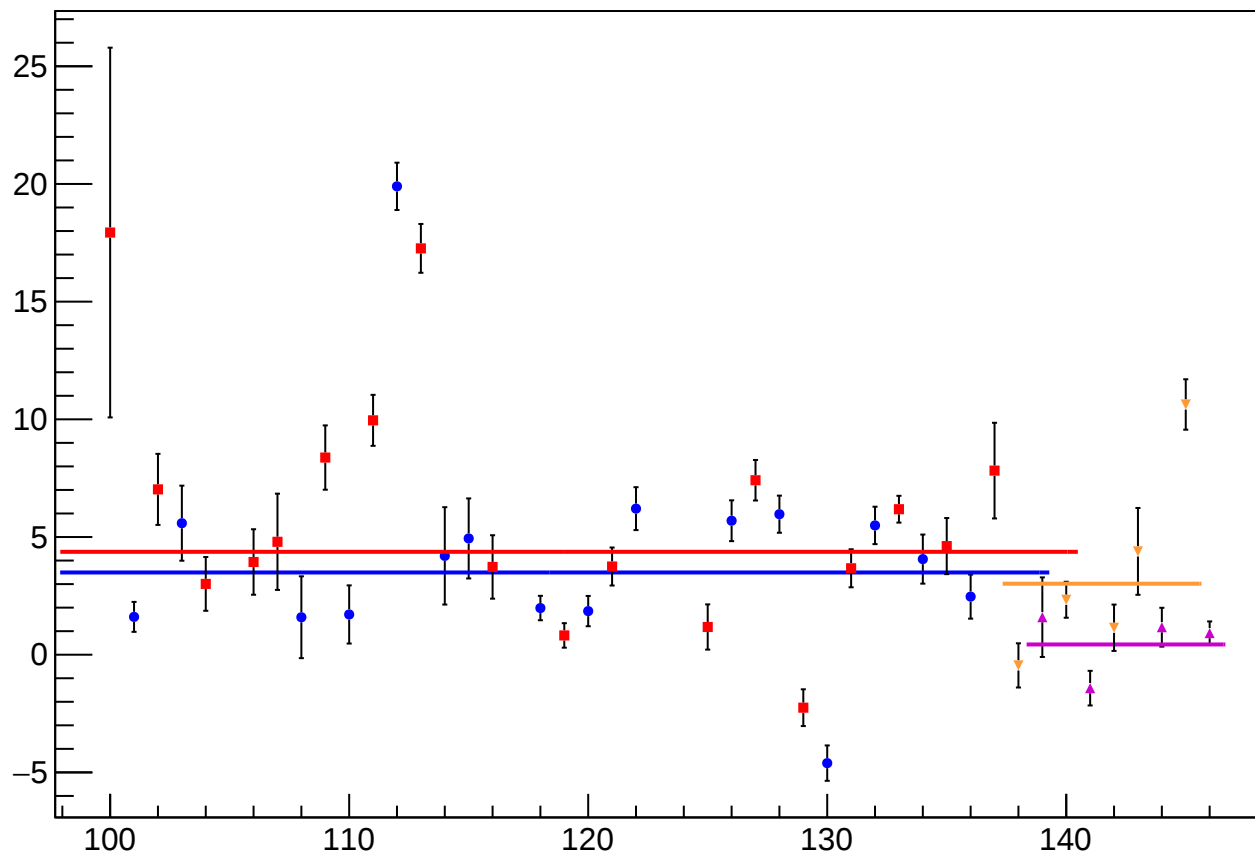
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.031+/-0.488 χ^2/NDF :203.8/3

Out: -47.895+/-0.531 χ^2/NDF :381.9/4

All: -45.802+/-0.360 χ^2/NDF : 614.4/8

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 3.017 $\pm$ 0.445 χ^2 /NDF:69.1/4

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 0.436 $\pm$ 0.360 χ^2 /NDF:8.6/3

Left: 1.456 $\pm$ 0.280 χ^2 /NDF: 98.0/8

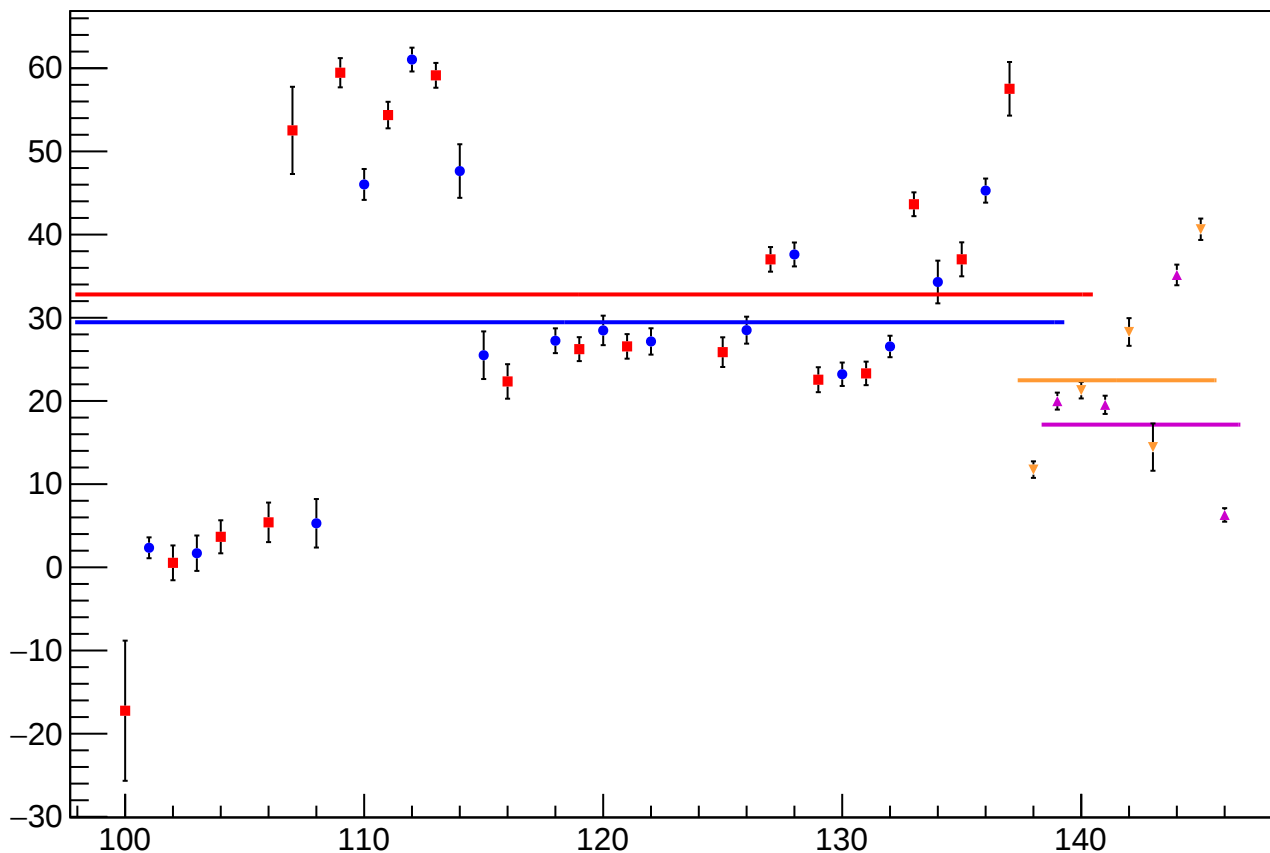
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.675 $\pm$ 0.186 χ^2 /NDF:506.3/19

Out: 4.095 $\pm$ 0.201 χ^2 /NDF:430.5/22

All: 3.331 $\pm$ 0.137 χ^2 /NDF: 963.6/42

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: 17.154 $\pm$ 0.503 χ^2 /NDF:400.6/3

Left: 19.504 $\pm$ 0.376 χ^2 /NDF: 787.7/8

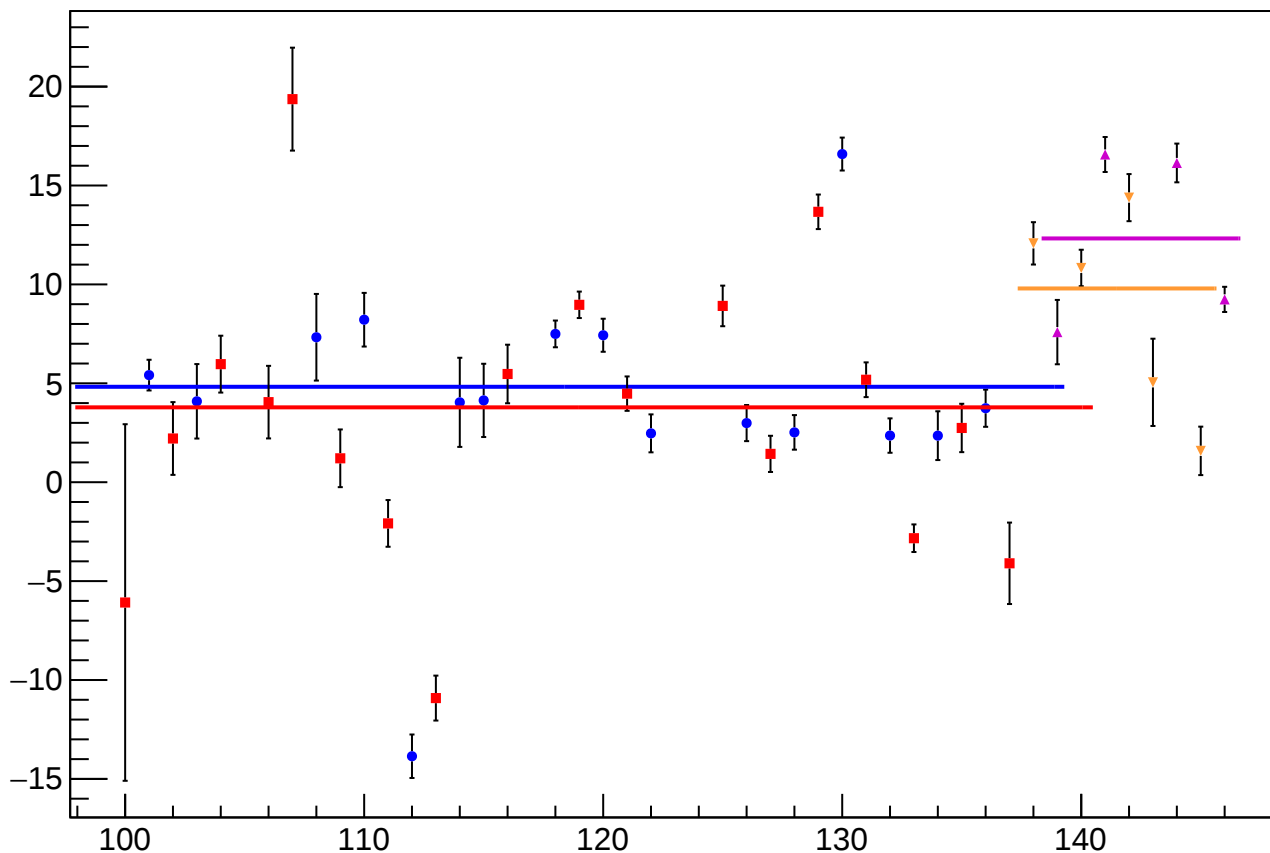
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 24.443 $\pm$ 0.321 χ^2 /NDF:2246.6/19

Out: 29.110 $\pm$ 0.339 χ^2 /NDF:2210.5/22

All: 26.652 $\pm$ 0.233 χ^2 /NDF: 4557.0/42

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.795 ± 0.525 $\chi^2/\text{NDF}: 70.3/4$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 12.324 ± 0.440 $\chi^2/\text{NDF}: 70.1/3$

Left: 11.281 ± 0.337 $\chi^2/\text{NDF}: 154.0/8$

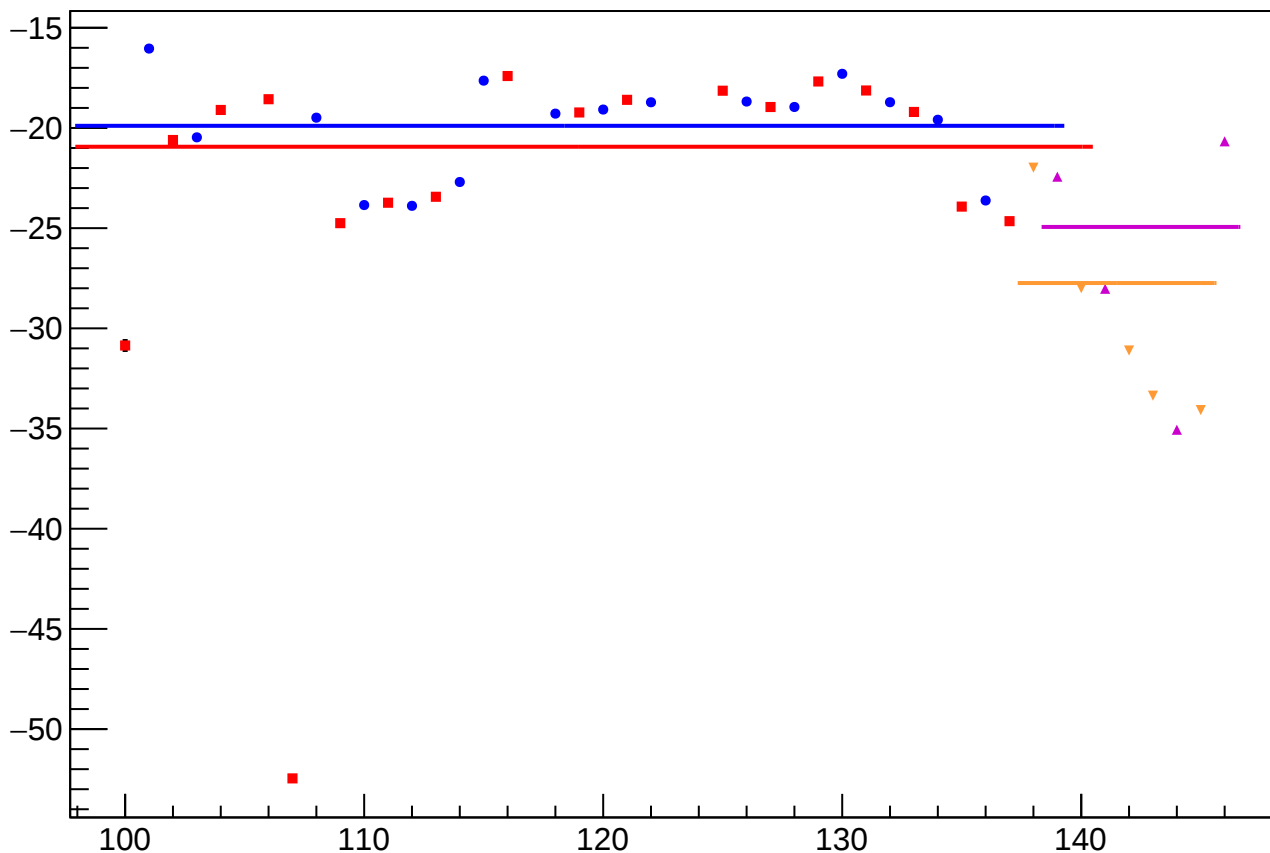
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 6.674 ± 0.218 $\chi^2/\text{NDF}: 842.1/19$

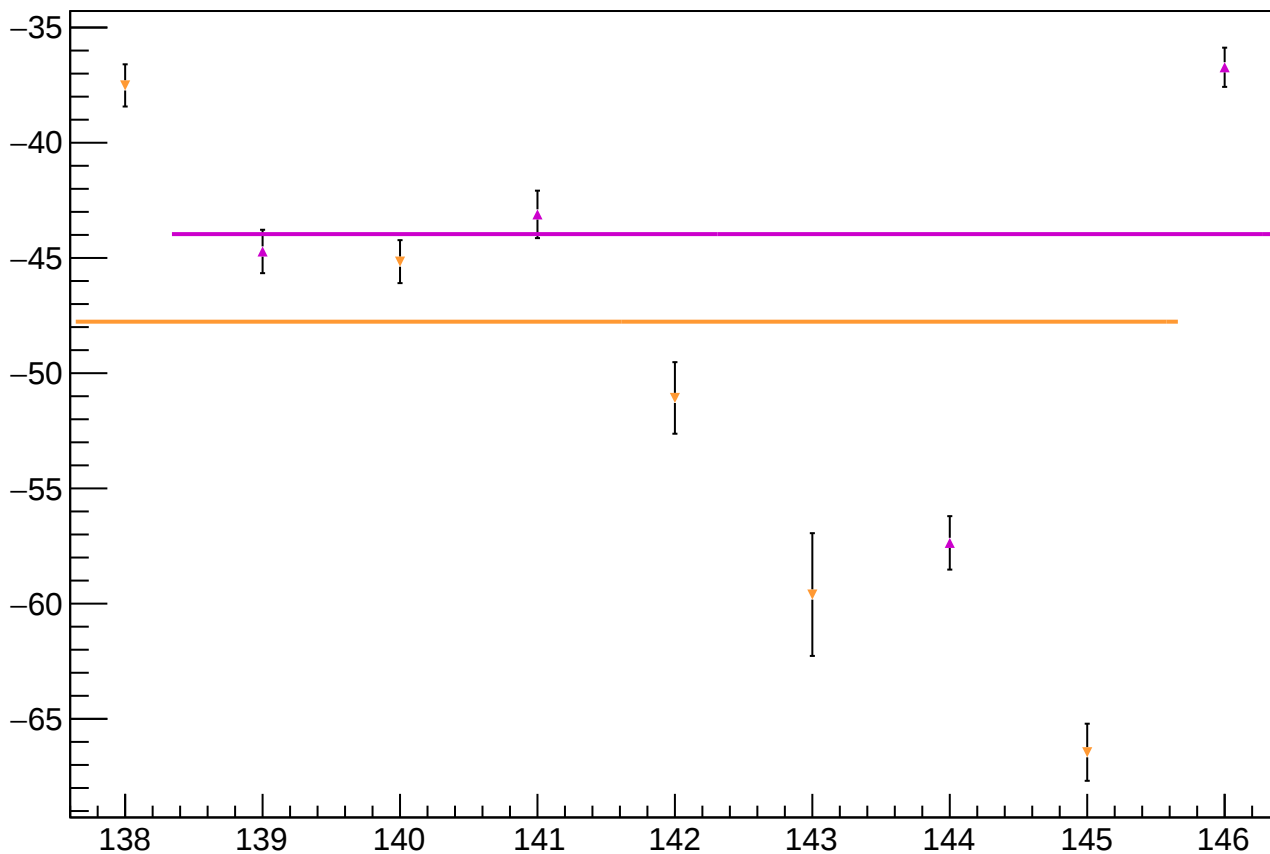
Out: 4.960 ± 0.232 $\chi^2/\text{NDF}: 740.5/22$

All: 5.869 ± 0.159 $\chi^2/\text{NDF}: 1611.5/42$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -47.765+/-0.531 χ^2/NDF :384.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.965+/-0.488 χ^2/NDF :207.2/3

Left: -45.706+/-0.359 χ^2/NDF : 619.9/8

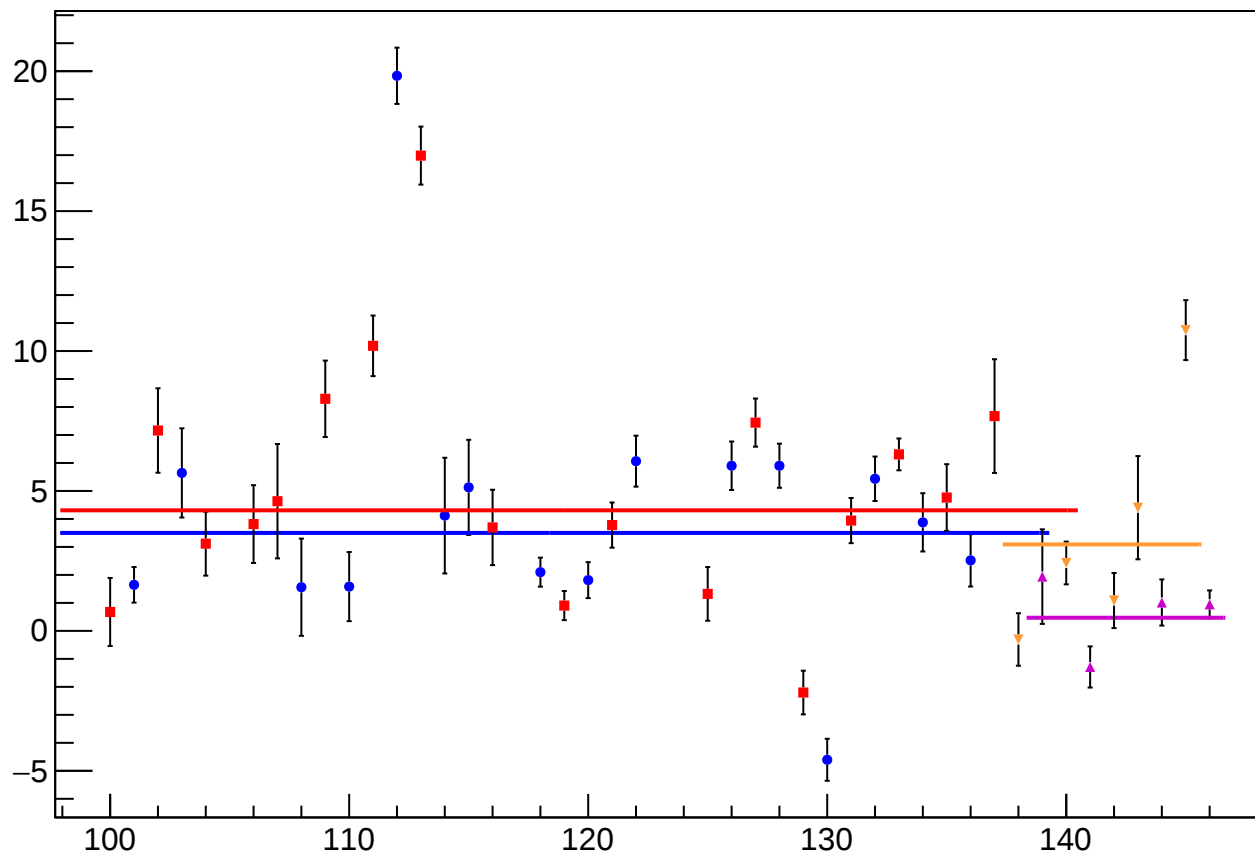
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.965+/-0.488 χ^2/NDF :207.2/3

Out: -47.765+/-0.531 χ^2/NDF :384.9/4

All: -45.706+/-0.359 χ^2/NDF : 619.9/8

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 1.506 +/- 0.280 χ^2/NDF : 98.5/8

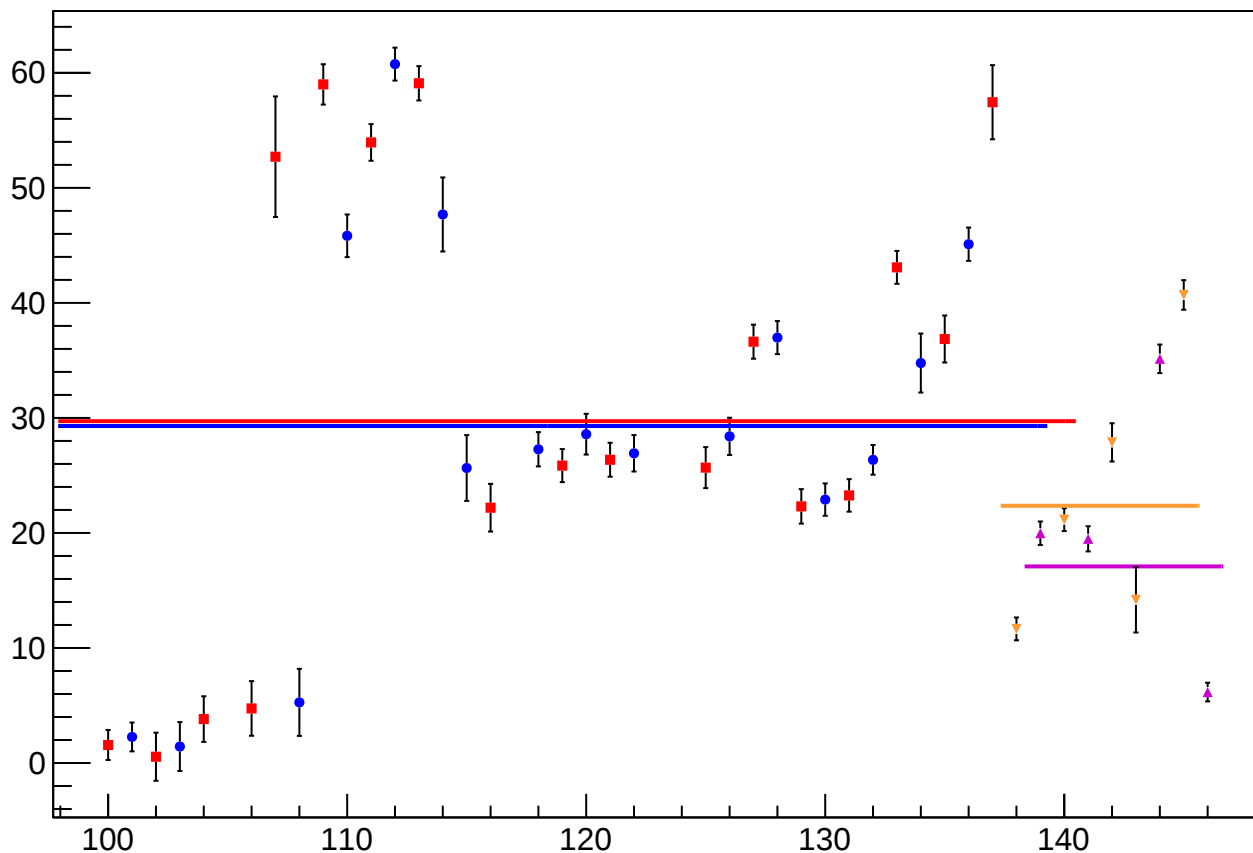
Right: 3.897 +/- 0.155 χ^2/NDF : 801.4/33

In: 2.690 +/- 0.186 χ^2/NDF : 501.7/19

Out: 4.066 +/- 0.198 χ^2/NDF : 428.5/22

All: 3.335 +/- 0.136 χ^2/NDF : 955.8/42

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 22.362 $\pm$ 0.566 χ^2 /NDF:340.2/4

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 17.092 $\pm$ 0.503 χ^2 /NDF:404.9/3

Left: 19.415 $\pm$ 0.376 χ^2 /NDF: 793.6/8

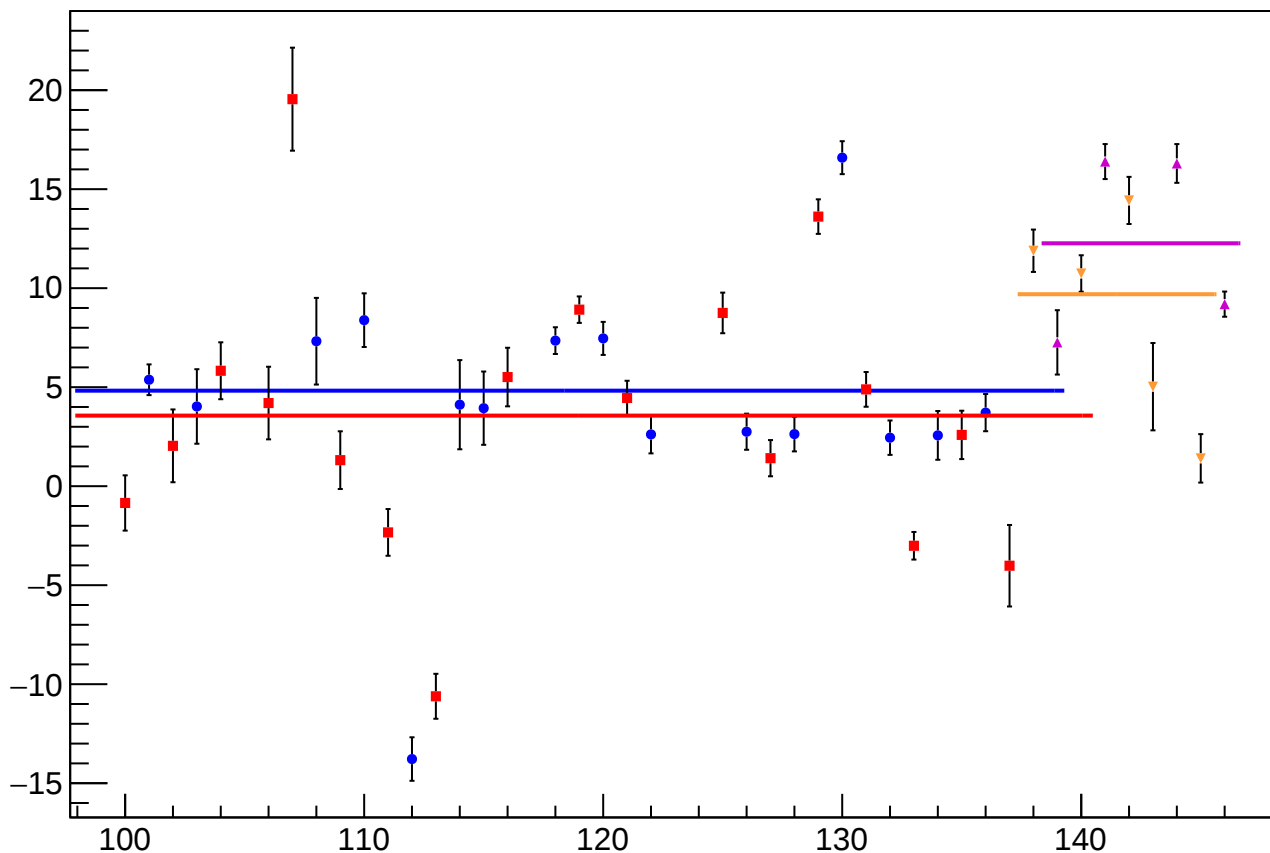
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 24.319 $\pm$ 0.321 χ^2 /NDF:2239.1/19

Out: 27.249 $\pm$ 0.328 χ^2 /NDF:2581.3/22

All: 25.752 $\pm$ 0.229 χ^2 /NDF: 4861.2/42

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.695 ± 0.525 χ^2/NDF : 71.7/4

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 12.267 ± 0.440 χ^2/NDF : 71.6/3

Left: 11.206 ± 0.337 χ^2/NDF : 157.4/8

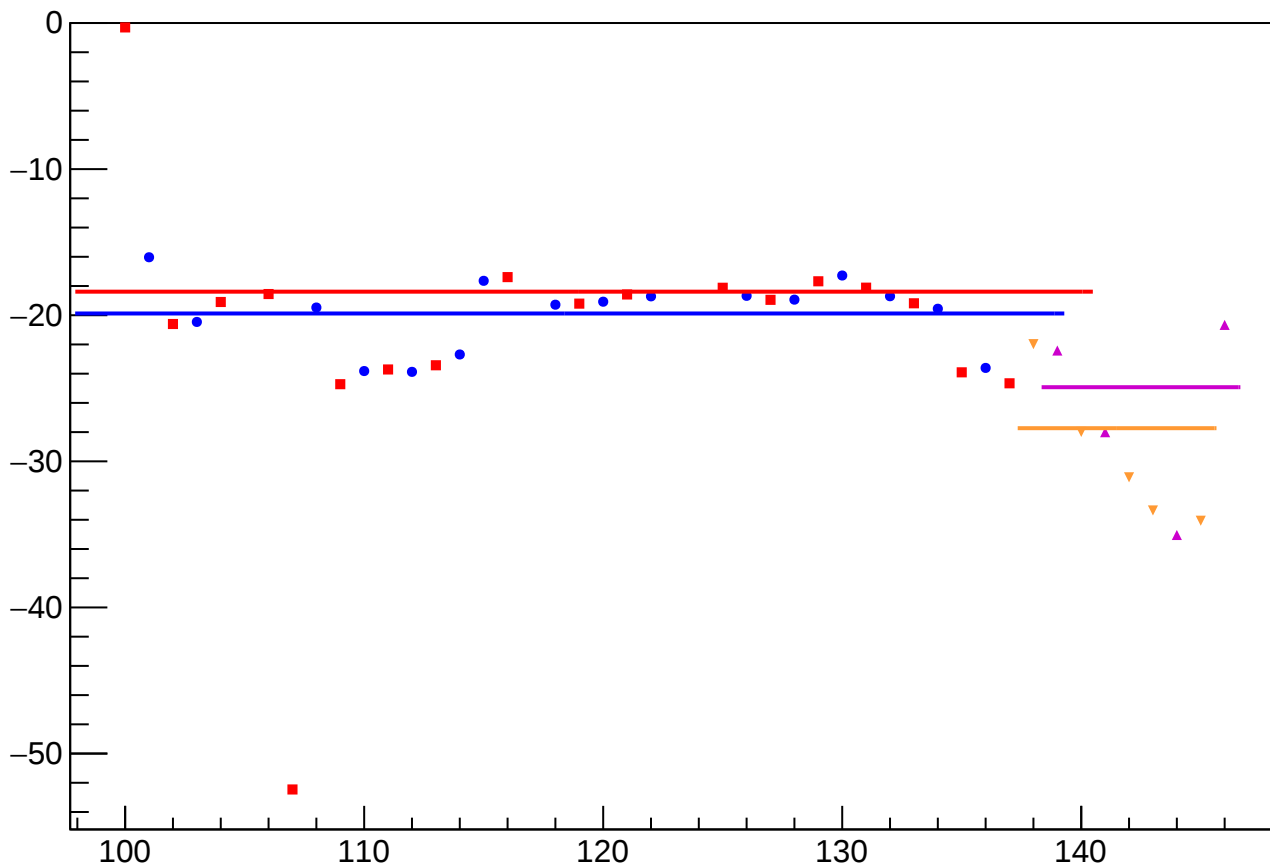
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 6.659 ± 0.218 χ^2/NDF : 836.8/19

Out: 4.732 ± 0.229 χ^2/NDF : 752.5/22

All: 5.741 ± 0.158 χ^2/NDF : 1626.4/42

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -27.731 ± 0.023 $\chi^2/\text{NDF}: 42157.0/4$

Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$

Left In: -24.926 ± 0.021 $\chi^2/\text{NDF}: 57216.4/3$

Left: -26.174 ± 0.015 $\chi^2/\text{NDF}: 107564.9/8$

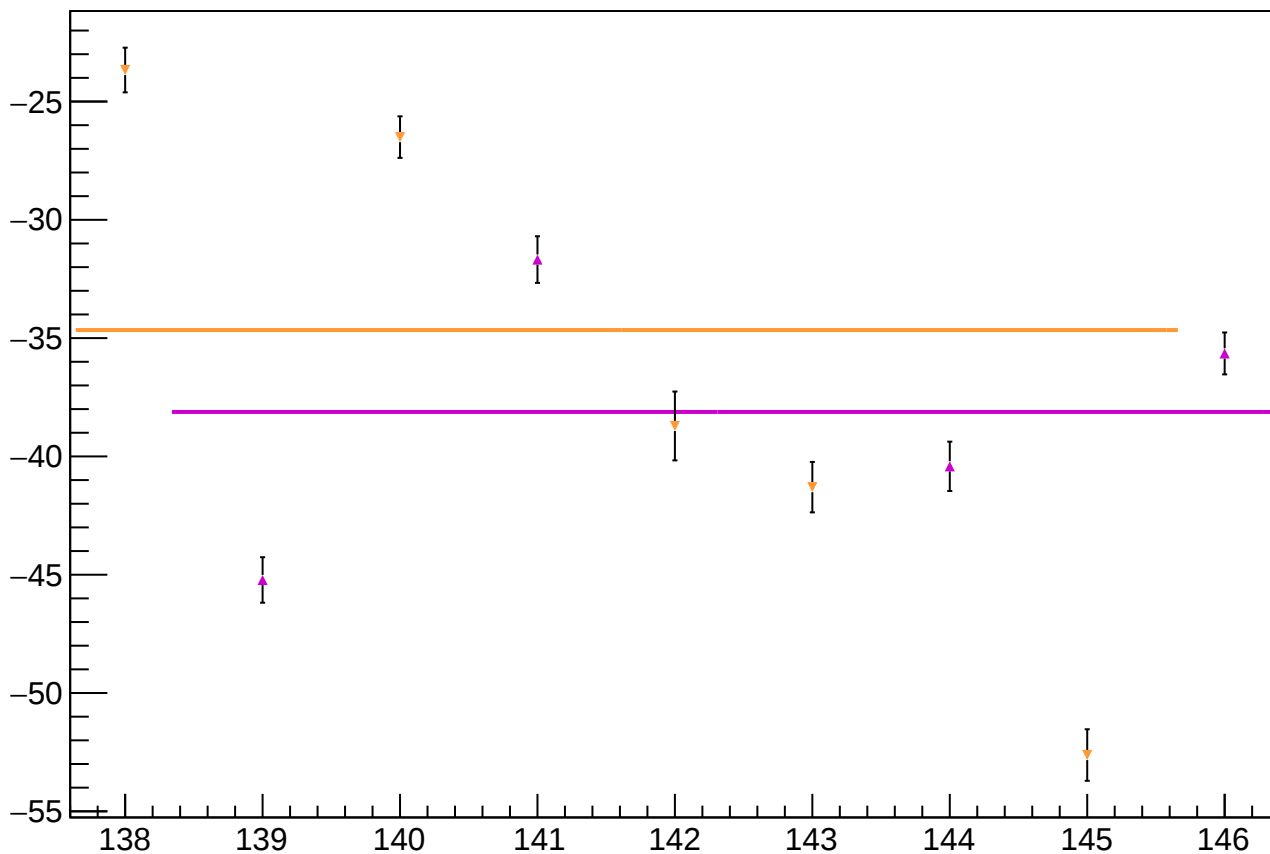
Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$

In: -21.707 ± 0.012 $\chi^2/\text{NDF}: 121281.5/19$

Out: -21.092 ± 0.012 $\chi^2/\text{NDF}: 459699.2/22$

All: -21.399 ± 0.009 $\chi^2/\text{NDF}: 582206.1/42$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.658+/-0.466 χ^2/NDF :540.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.120+/-0.482 χ^2/NDF :109.9/3

Left: -36.330+/-0.335 χ^2/NDF : 676.8/8

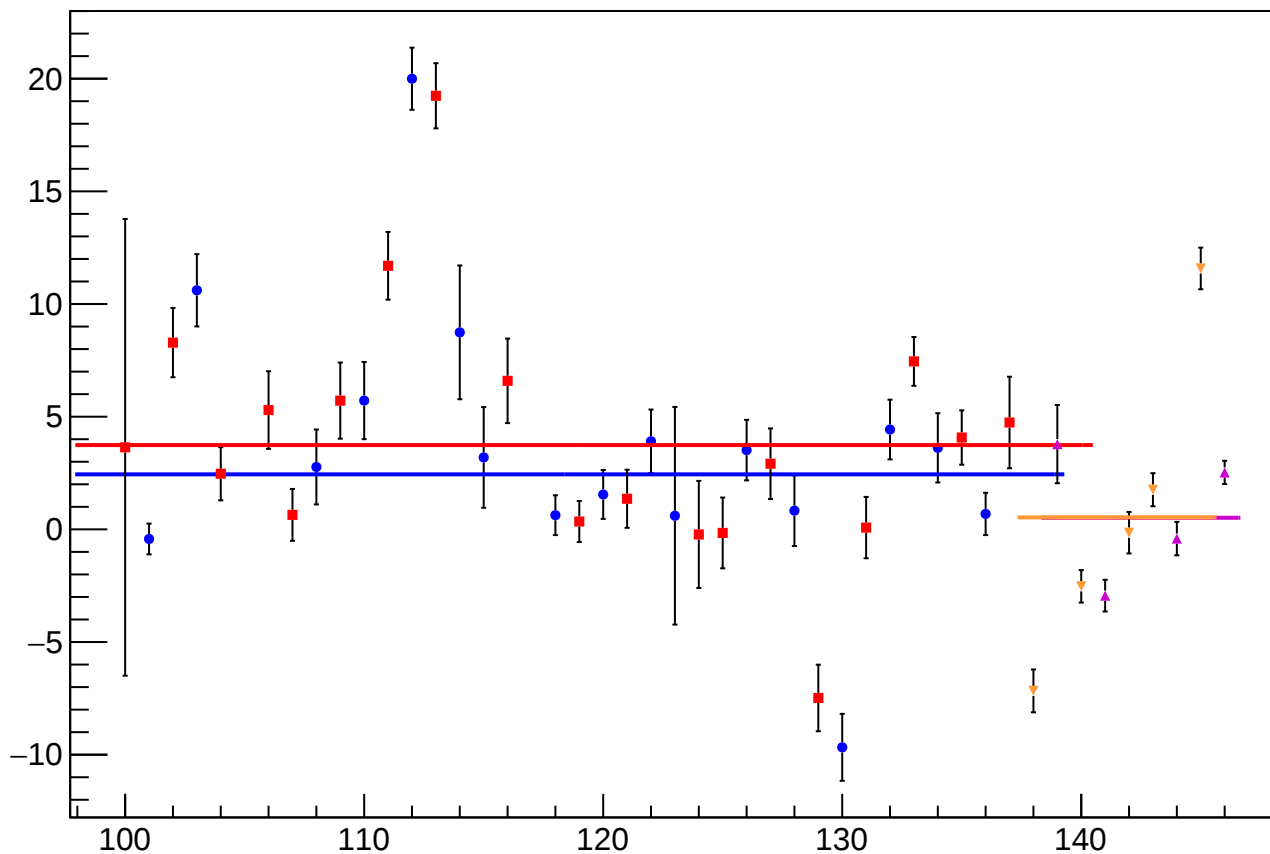
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.120+/-0.482 χ^2/NDF :109.9/3

Out: -34.658+/-0.466 χ^2/NDF :540.1/4

All: -36.330+/-0.335 χ^2/NDF : 676.8/8

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 0.531 ± 0.372 χ^2/NDF : 229.8/4

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 0.514 ± 0.355 χ^2/NDF : 44.5/3

Left: 0.522 ± 0.257 χ^2/NDF : 274.3/8

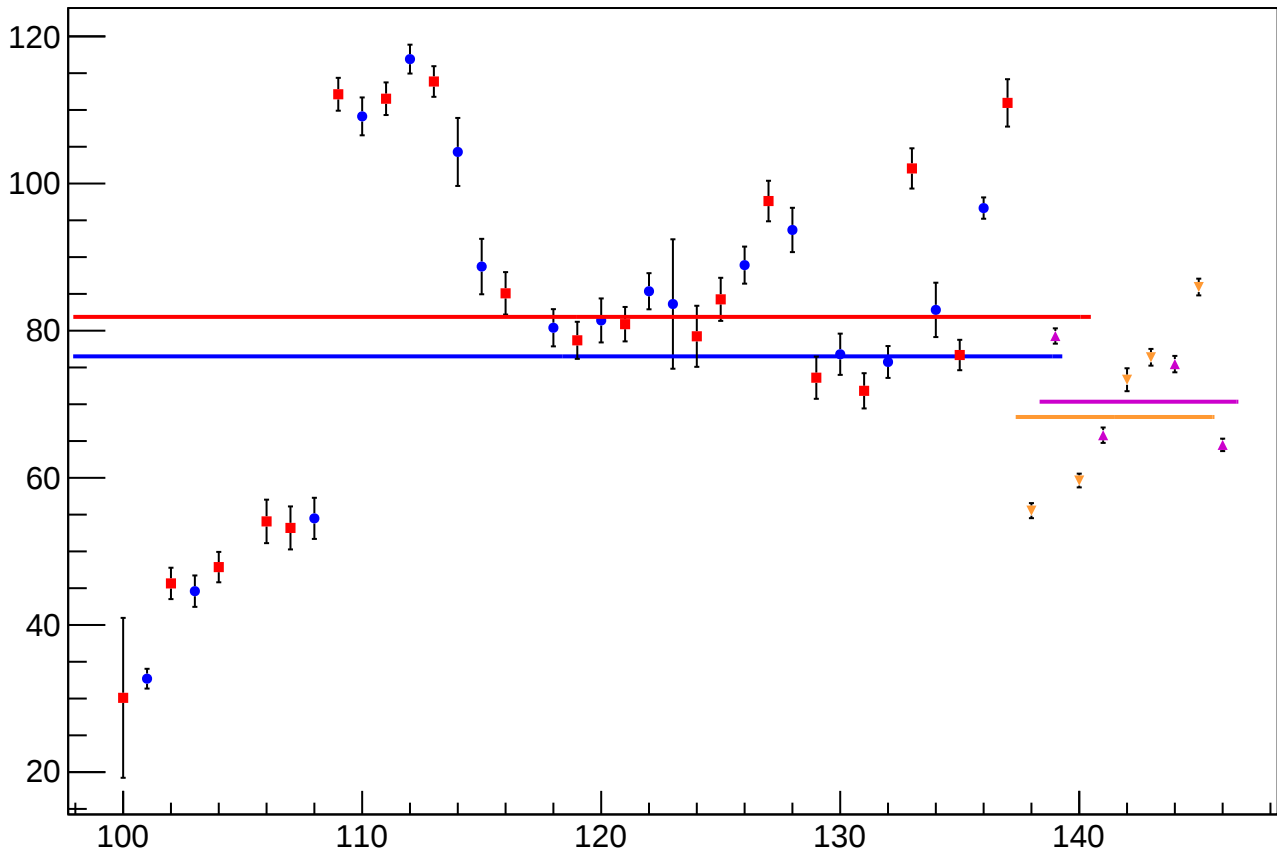
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.603 ± 0.234 χ^2/NDF : 355.8/20

Out: 2.342 ± 0.245 χ^2/NDF : 540.1/23

All: 1.955 ± 0.169 χ^2/NDF : 900.7/44

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: 70.346 $\pm$ 0.498 χ^2 /NDF: 161.6/3

Left: 69.305 $\pm$ 0.352 χ^2 /NDF: 712.8/8

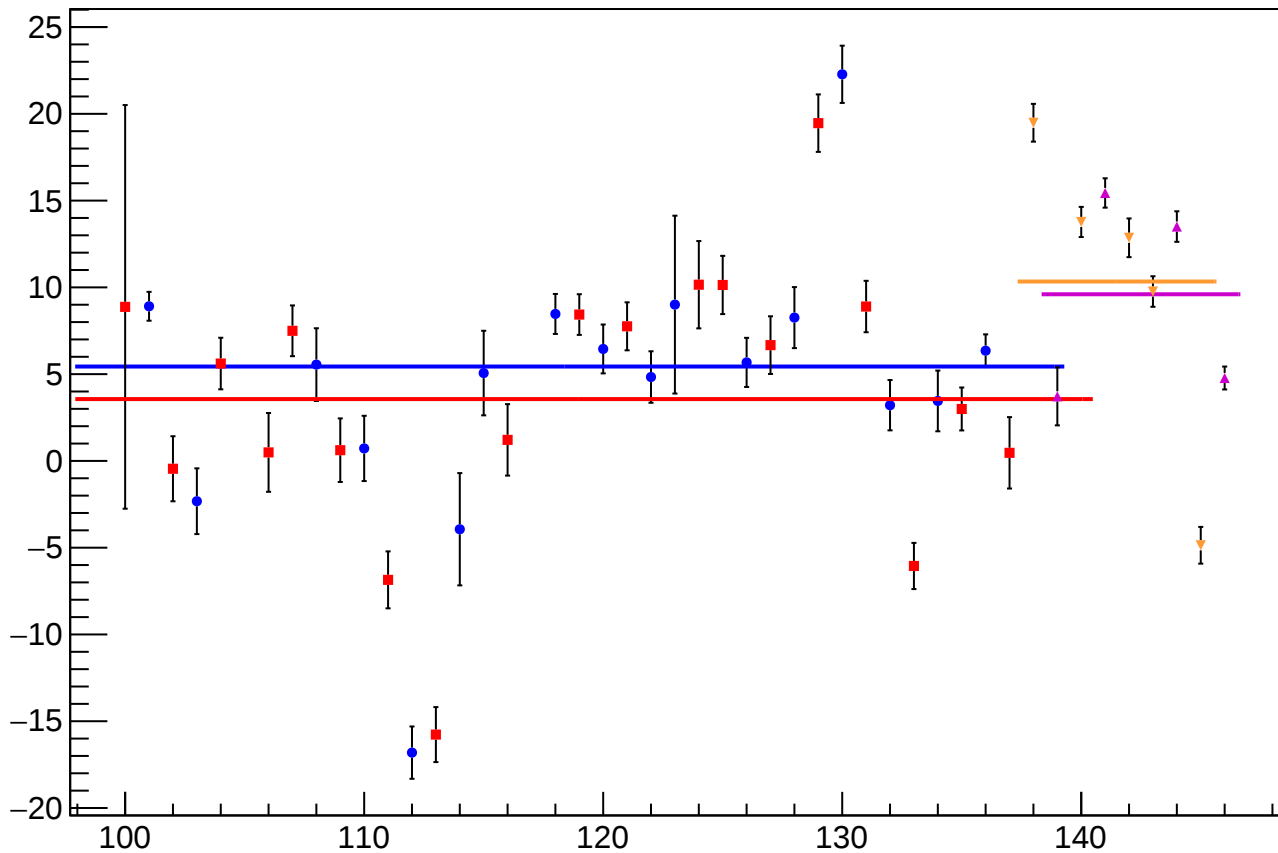
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 72.990 $\pm$ 0.376 χ^2 /NDF: 2478.3/20

Out: 73.892 $\pm$ 0.380 χ^2 /NDF: 2423.4/23

All: 73.436 $\pm$ 0.267 χ^2 /NDF: 4904.5/44

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 10.337 ± 0.440 $\chi^2/\text{NDF}: 297.9/4$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 9.603 ± 0.433 $\chi^2/\text{NDF}: 133.2/3$

Left: 9.963 ± 0.309 $\chi^2/\text{NDF}: 432.5/8$

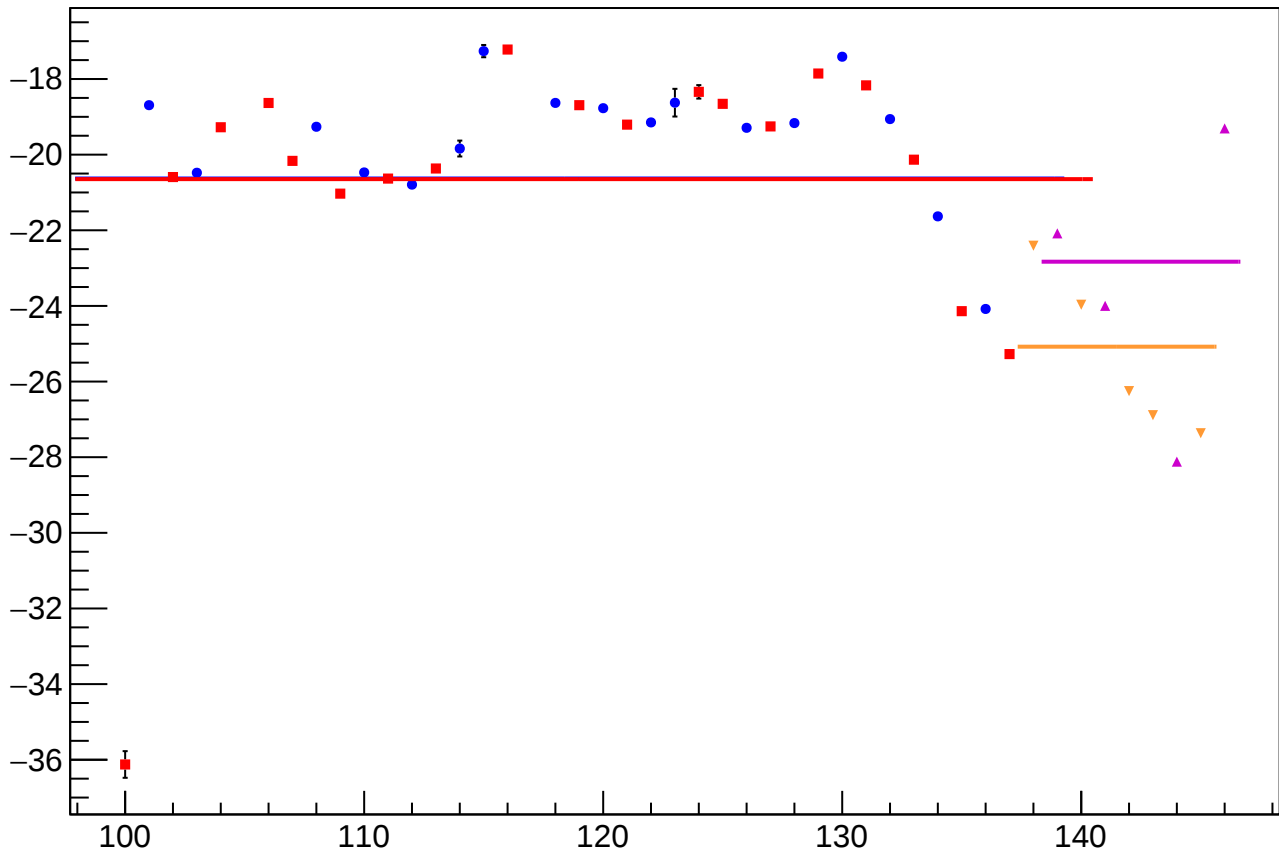
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 7.130 ± 0.276 $\chi^2/\text{NDF}: 574.4/20$

Out: 6.410 ± 0.285 $\chi^2/\text{NDF}: 855.9/23$

All: 6.783 ± 0.198 $\chi^2/\text{NDF}: 1433.6/44$

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: -22.831+/-0.021 χ^2/NDF : 21092.6/3

Left: -23.969+/-0.014 χ^2/NDF : 36769.9/8

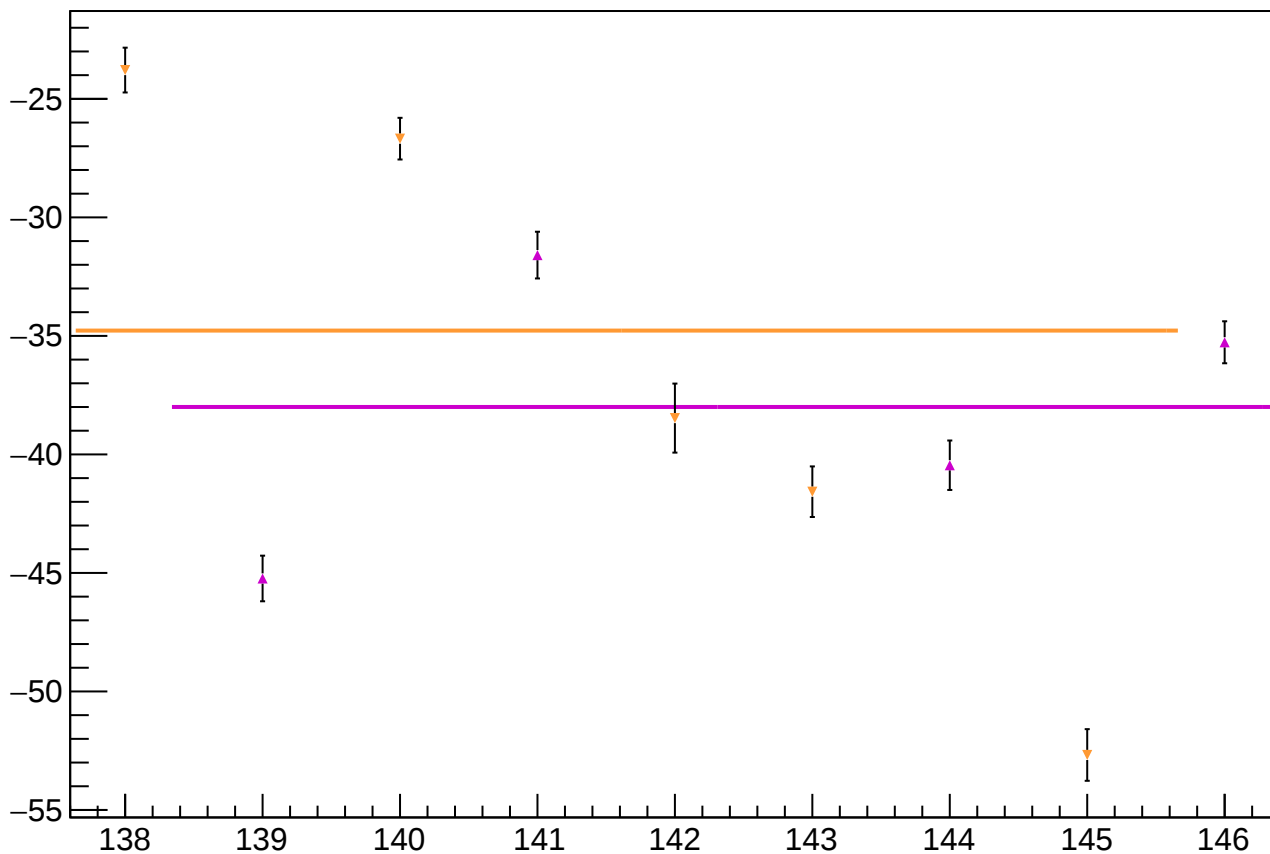
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -21.664+/-0.014 χ^2/NDF : 39693.1/20

Out: -22.770+/-0.014 χ^2/NDF : 48431.1/23

All: -22.218+/-0.010 χ^2/NDF : 91230.4/44

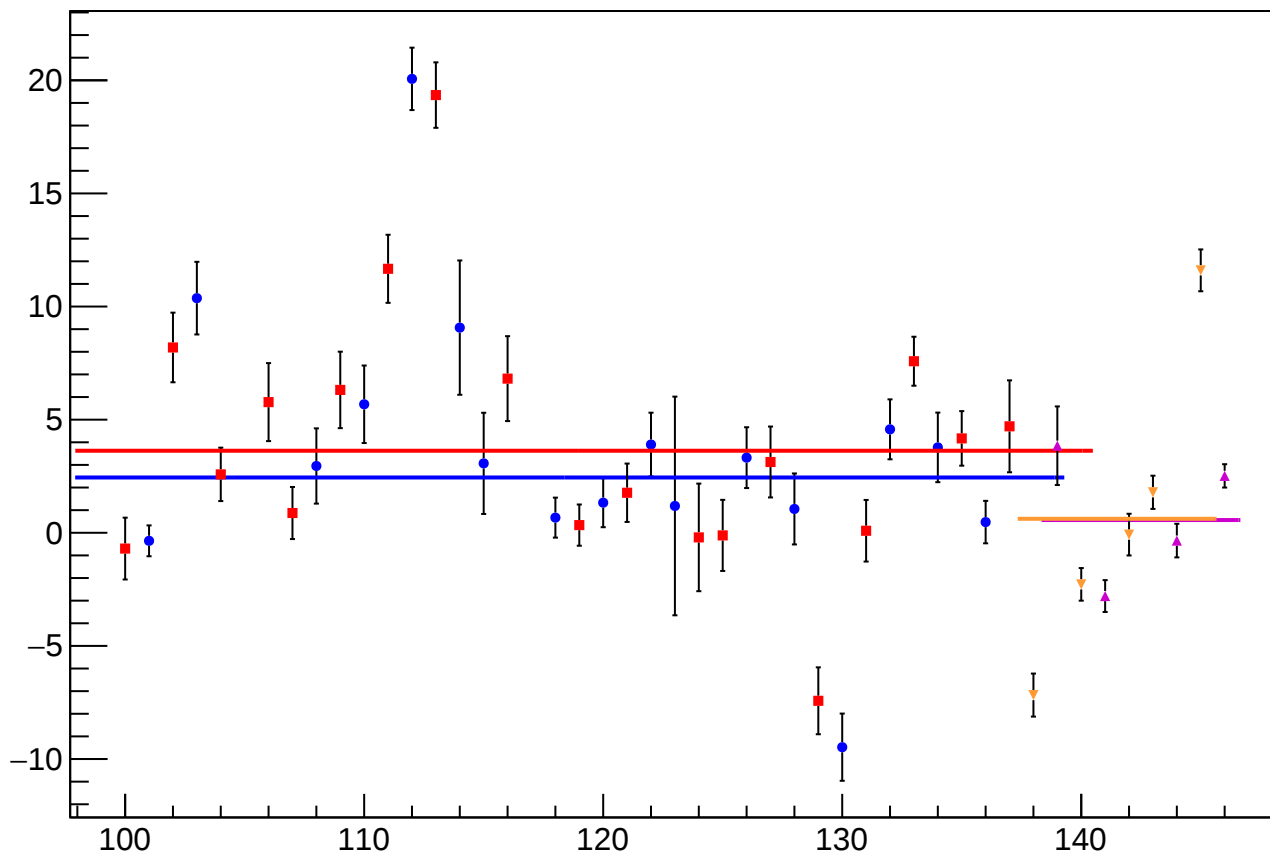
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -37.998+/-0.482 χ^2/NDF :113.8/3

Left: -36.332+/-0.335 χ^2/NDF : 673.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -37.998+/-0.482 χ^2/NDF :113.8/3
 Out: -34.775+/-0.466 χ^2/NDF :537.0/4
 All: -36.332+/-0.335 χ^2/NDF : 673.9/8

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 0.619 ± 0.372 χ^2/NDF : 227.4/4

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 0.563 ± 0.355 χ^2/NDF : 42.2/3

Left: 0.590 ± 0.257 χ^2/NDF : 269.6/8

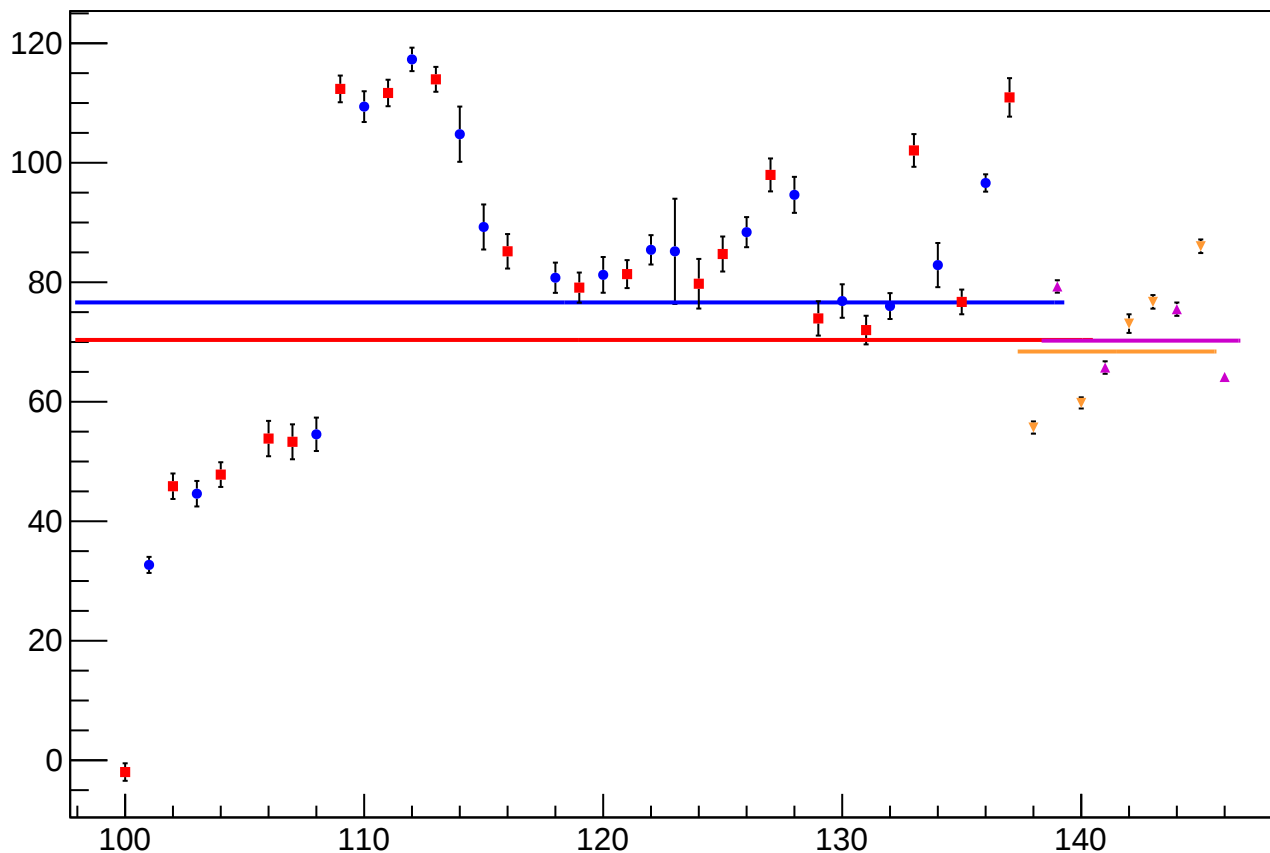
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.626 ± 0.234 χ^2/NDF : 350.7/20

Out: 2.356 ± 0.242 χ^2/NDF : 544.1/23

All: 1.980 ± 0.168 χ^2/NDF : 899.5/44

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: 70.231 $\pm$ 0.498 χ^2 /NDF: 168.1/3

Left: 69.319 $\pm$ 0.352 χ^2 /NDF: 715.5/8

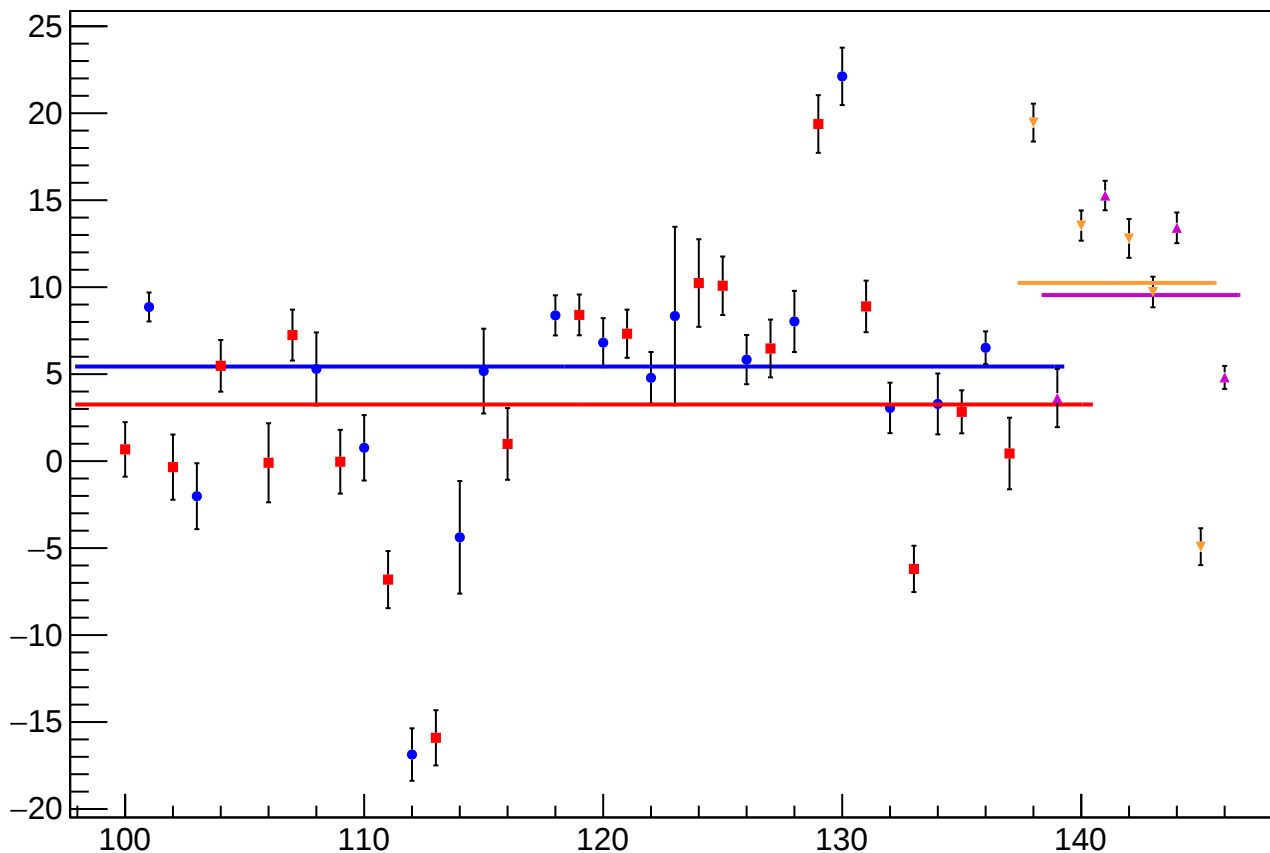
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 72.976 $\pm$ 0.376 χ^2 /NDF: 2501.7/20

Out: 69.282 $\pm$ 0.369 χ^2 /NDF: 4935.6/23

All: 71.090 $\pm$ 0.263 χ^2 /NDF: 7486.4/44

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: 9.545 ± 0.433 $\chi^2/\text{NDF}: 128.9/3$

Left: 9.889 ± 0.309 $\chi^2/\text{NDF}: 426.8/8$

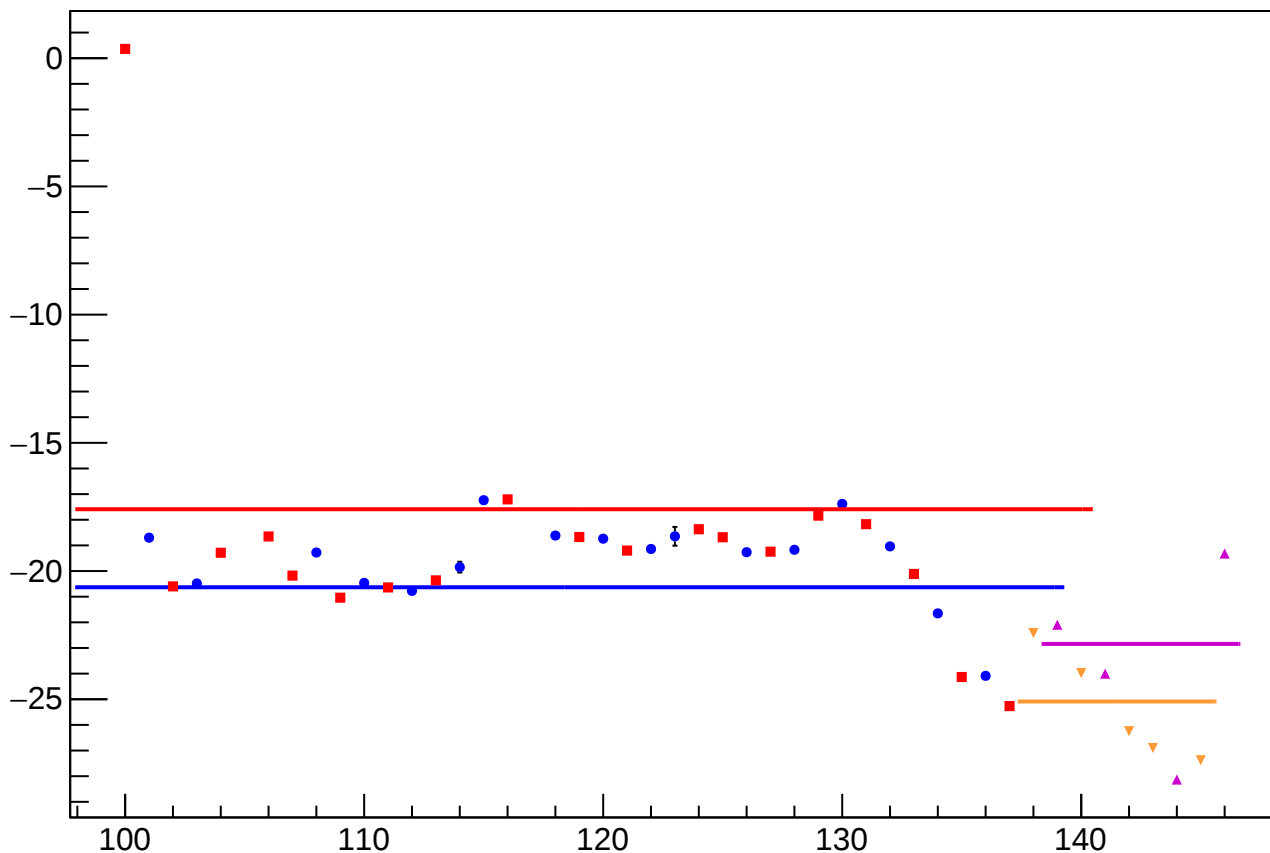
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.106 ± 0.276 $\chi^2/\text{NDF}: 566.9/20$

Out: 6.100 ± 0.281 $\chi^2/\text{NDF}: 869.6/23$

All: 6.612 ± 0.197 $\chi^2/\text{NDF}: 1443.0/44$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -25.087 ± 0.020 $\chi^2/\text{NDF}: 9576.3/4$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -22.842 ± 0.021 $\chi^2/\text{NDF}: 21060.3/3$

Left: -23.979 ± 0.014 $\chi^2/\text{NDF}: 36693.3/8$

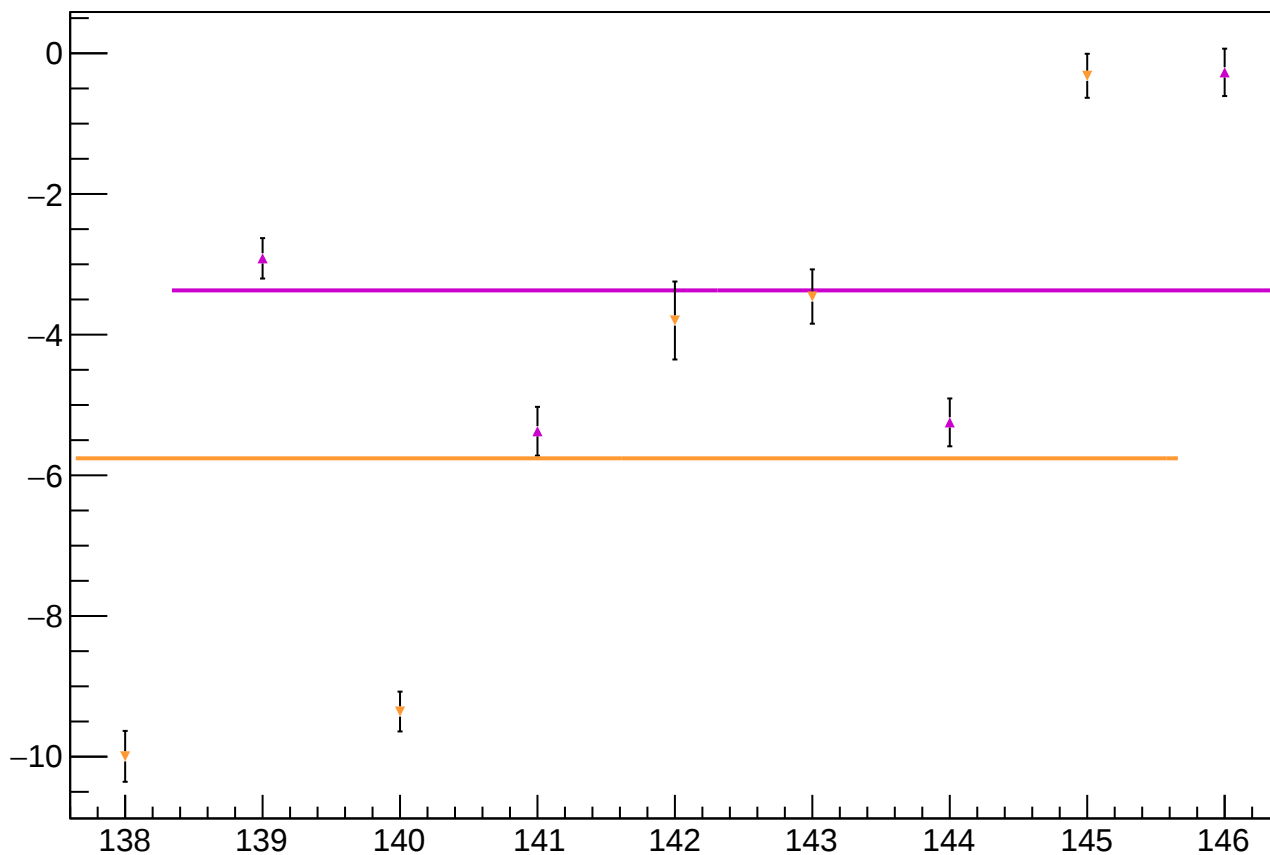
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -21.669 ± 0.014 $\chi^2/\text{NDF}: 39751.4/20$

Out: -20.898 ± 0.013 $\chi^2/\text{NDF}: 264707.3/23$

All: -21.267 ± 0.010 $\chi^2/\text{NDF}: 306028.4/44$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.758+/-0.158 χ^2/NDF :649.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.371+/-0.162 χ^2/NDF :151.0/3

Left: -4.602+/-0.113 χ^2/NDF : 911.4/8

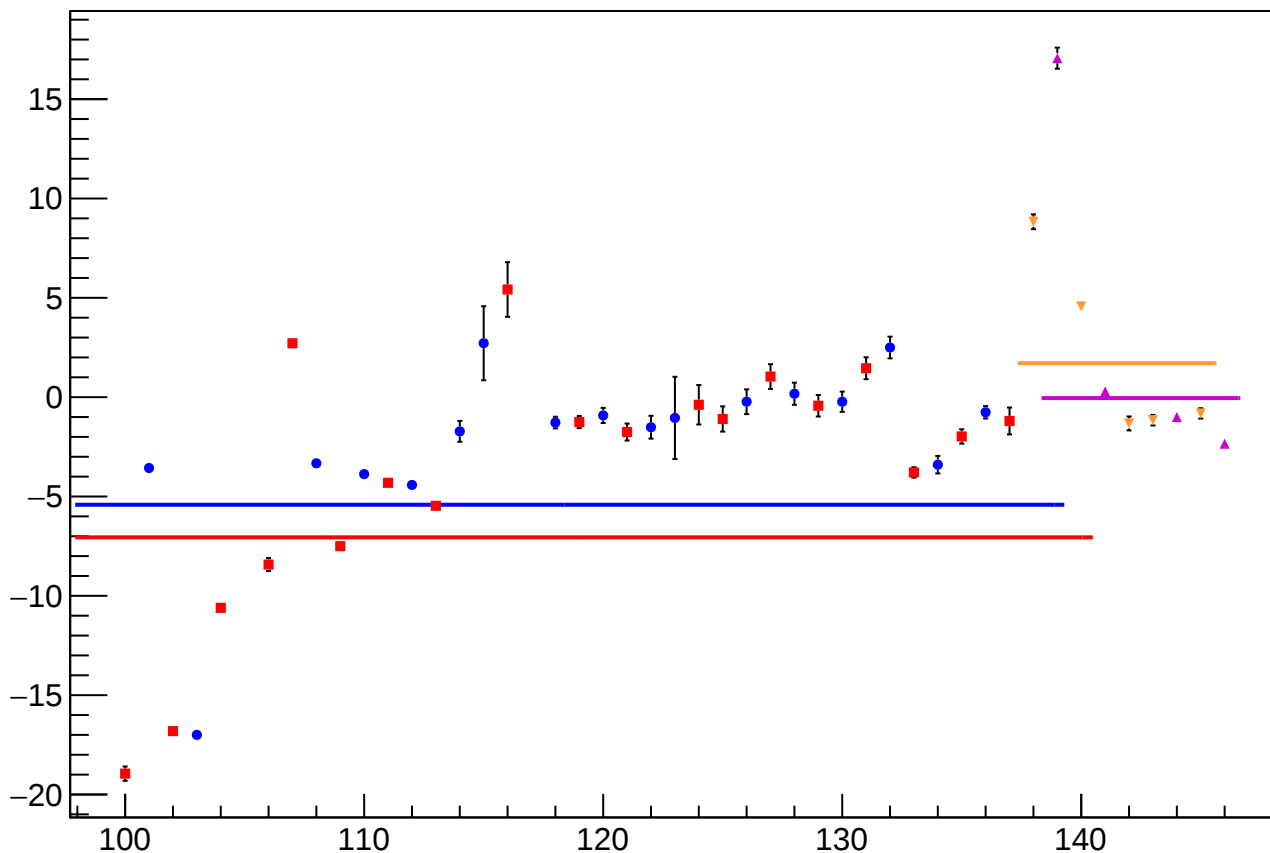
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.371+/-0.162 χ^2/NDF :151.0/3

Out: -5.758+/-0.158 χ^2/NDF :649.1/4

All: -4.602+/-0.113 χ^2/NDF : 911.4/8

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -0.047 $\pm$ 0.131 χ^2 /NDF: 1178.5/3

Left: 0.858 $\pm$ 0.091 χ^2 /NDF: 2066.2/8

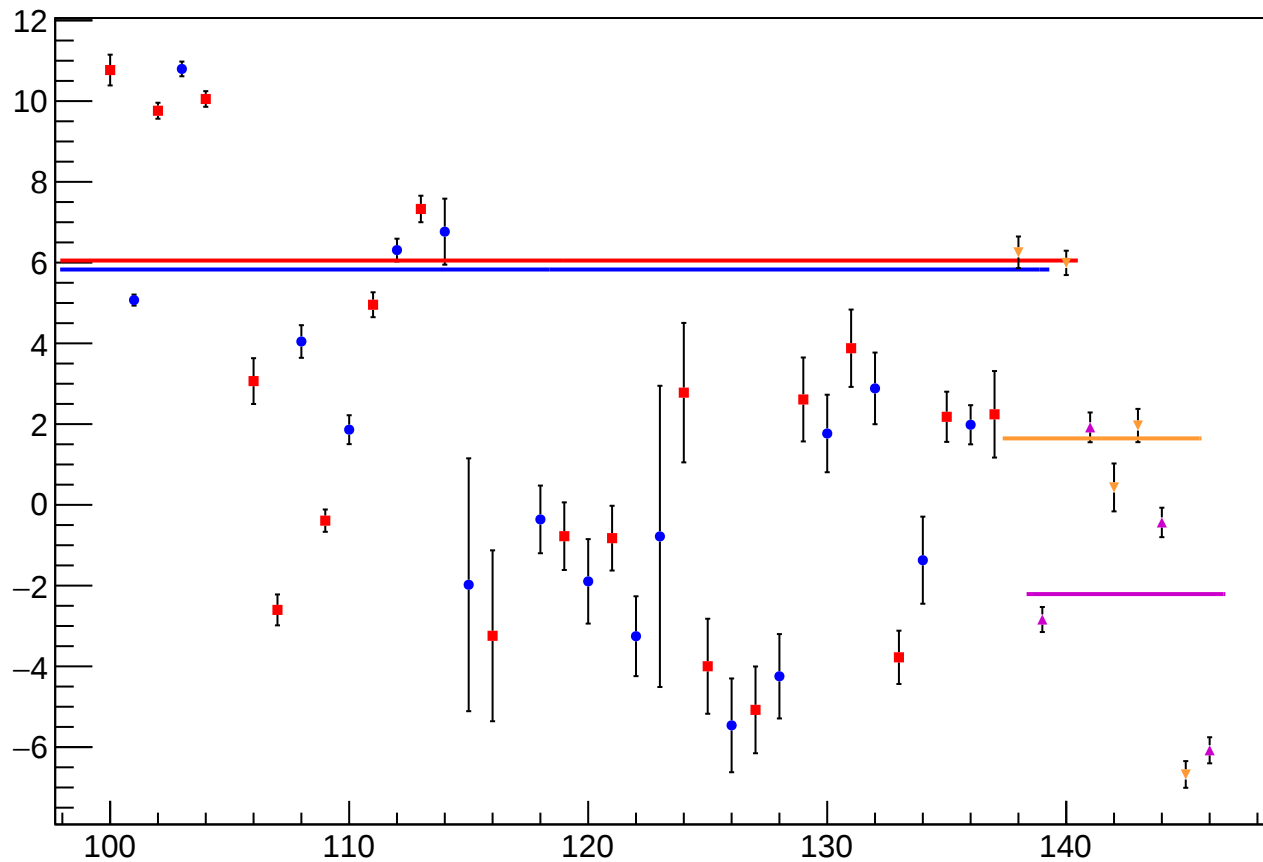
Right: -6.174 $\pm$ 0.040 χ^2 /NDF: 22004.4/35

In: -4.614 $\pm$ 0.051 χ^2 /NDF: 11868.4/20

Out: -5.494 $\pm$ 0.053 χ^2 /NDF: 17060.5/23

All: -5.028 $\pm$ 0.037 χ^2 /NDF: 29072.0/44

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: -2.210 ± 0.169 $\chi^2/\text{NDF}: 296.6/3$

Left: -0.268 ± 0.119 $\chi^2/\text{NDF}: 1542.4/8$

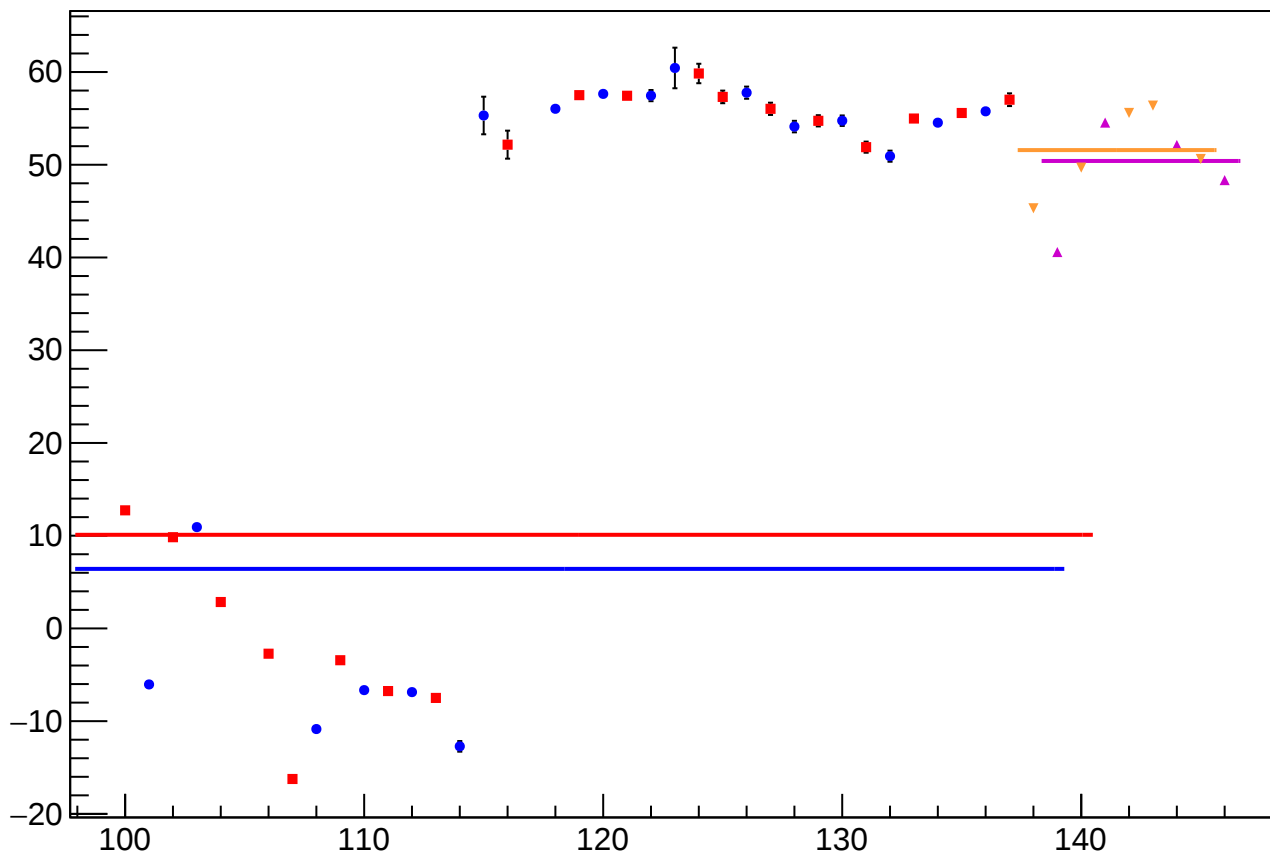
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 4.070 ± 0.079 $\chi^2/\text{NDF}: 3505.2/20$

Out: 5.014 ± 0.082 $\chi^2/\text{NDF}: 4183.8/23$

All: 4.528 ± 0.057 $\chi^2/\text{NDF}: 7757.9/44$

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: 50.408 ± 0.155 χ^2/NDF : 659.3/3

Left: 51.017 ± 0.108 χ^2/NDF : 1276.4/8

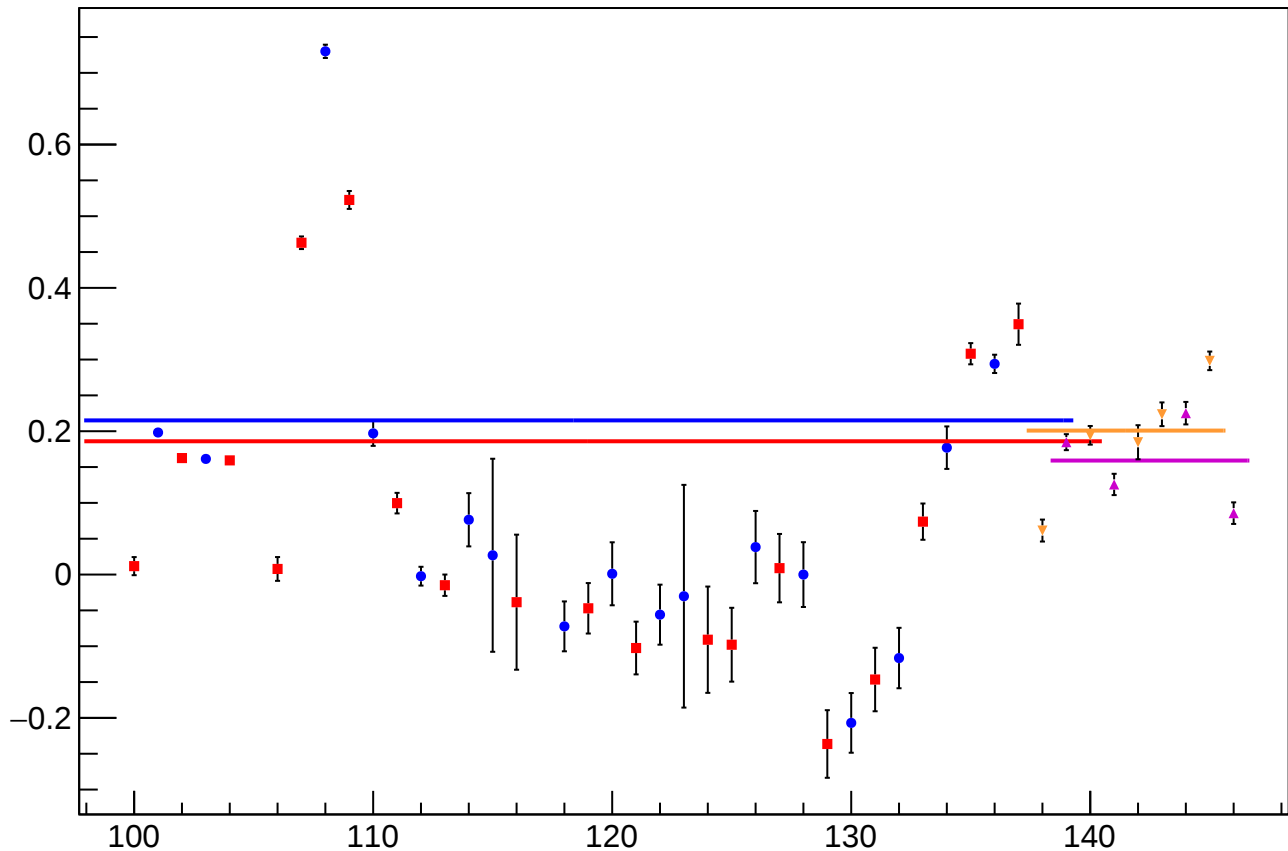
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 12.920 ± 0.060 χ^2/NDF : 191989.6/20

Out: 17.494 ± 0.063 χ^2/NDF : 185867.0/23

All: 15.079 ± 0.043 χ^2/NDF : 380623.0/44

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: 0.159 $\pm$ 0.007 χ^2 /NDF:51.9/3

Left: 0.180 $\pm$ 0.005 χ^2 /NDF: 212.4/8

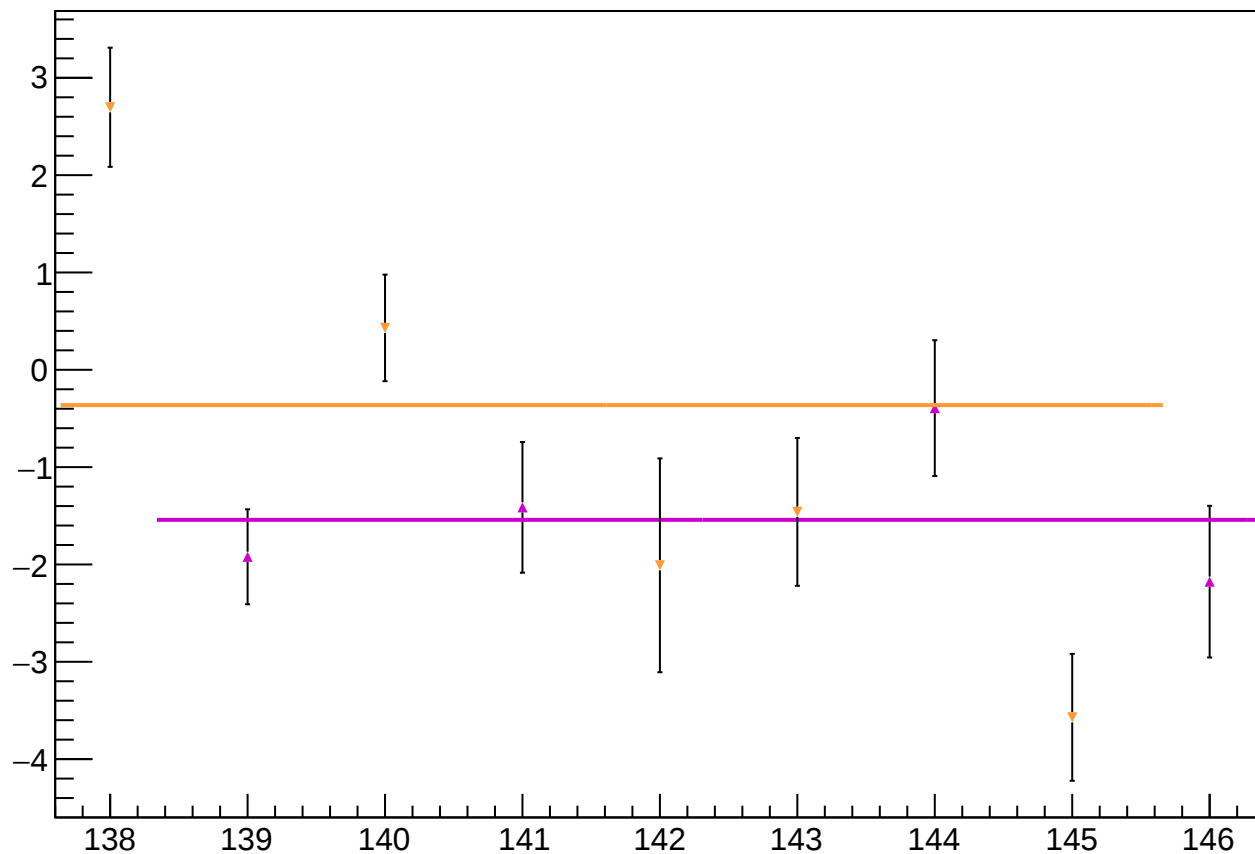
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.207 $\pm$ 0.003 χ^2 /NDF:4035.9/20

Out: 0.188 $\pm$ 0.002 χ^2 /NDF:2865.4/23

All: 0.197 $\pm$ 0.002 χ^2 /NDF: 6930.4/44

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.363+/-0.303 χ^2/NDF : 55.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.542+/-0.314 χ^2/NDF : 4.0/3

Left: -0.930+/-0.218 χ^2/NDF : 66.9/8

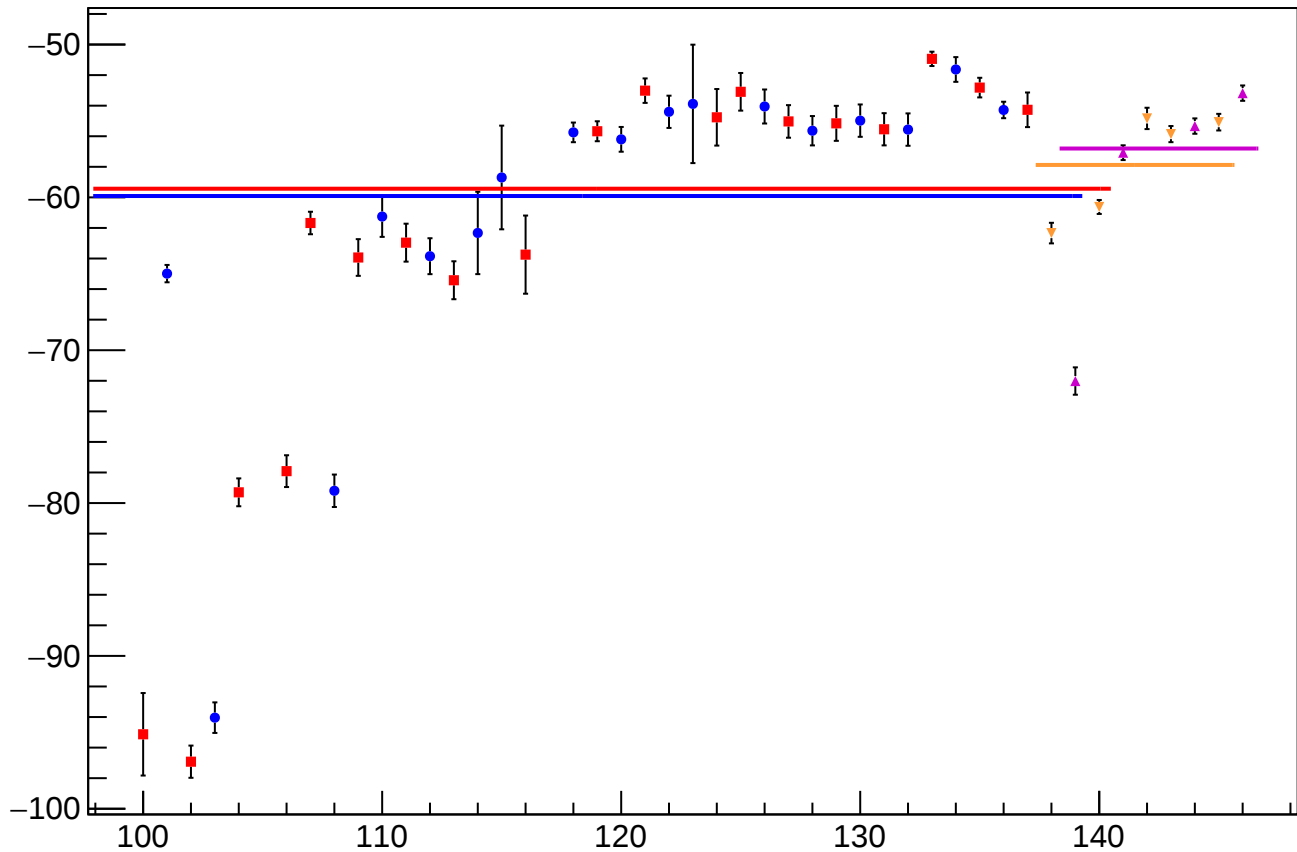
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.542+/-0.314 χ^2/NDF : 4.0/3

Out: -0.363+/-0.303 χ^2/NDF : 55.6/4

All: -0.930+/-0.218 χ^2/NDF : 66.9/8

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -57.878 ± 0.250 χ^2/NDF : 140.2/4

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -56.804 ± 0.273 χ^2/NDF : 349.7/3

Left: -57.388 ± 0.184 χ^2/NDF : 498.3/8

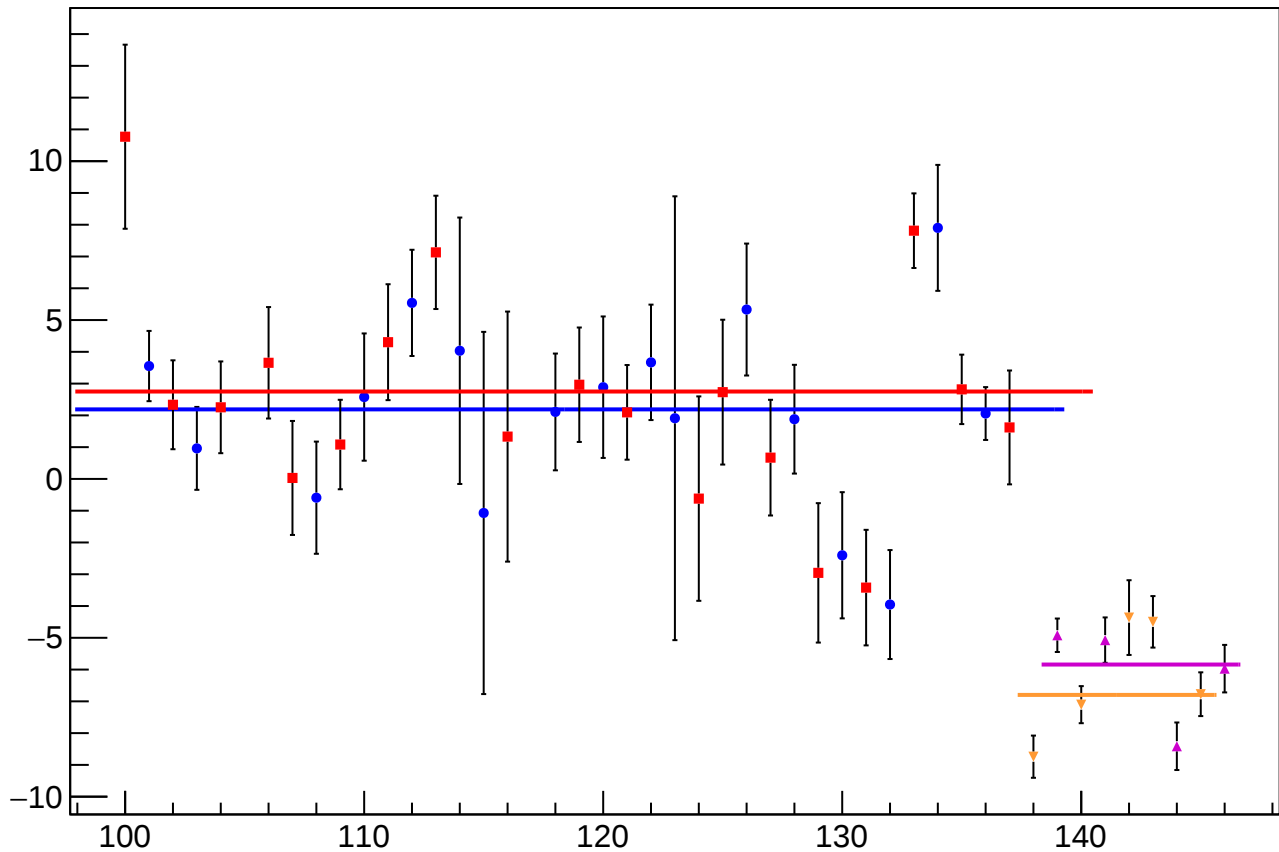
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -58.664 ± 0.173 χ^2/NDF : 2408.3/20

Out: -58.783 ± 0.162 χ^2/NDF : 3081.6/23

All: -58.727 ± 0.118 χ^2/NDF : 5490.1/44

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: -5.842 ± 0.331 $\chi^2/\text{NDF}: 16.1/3$

Left: -6.330 ± 0.231 $\chi^2/\text{NDF}: 41.5/8$

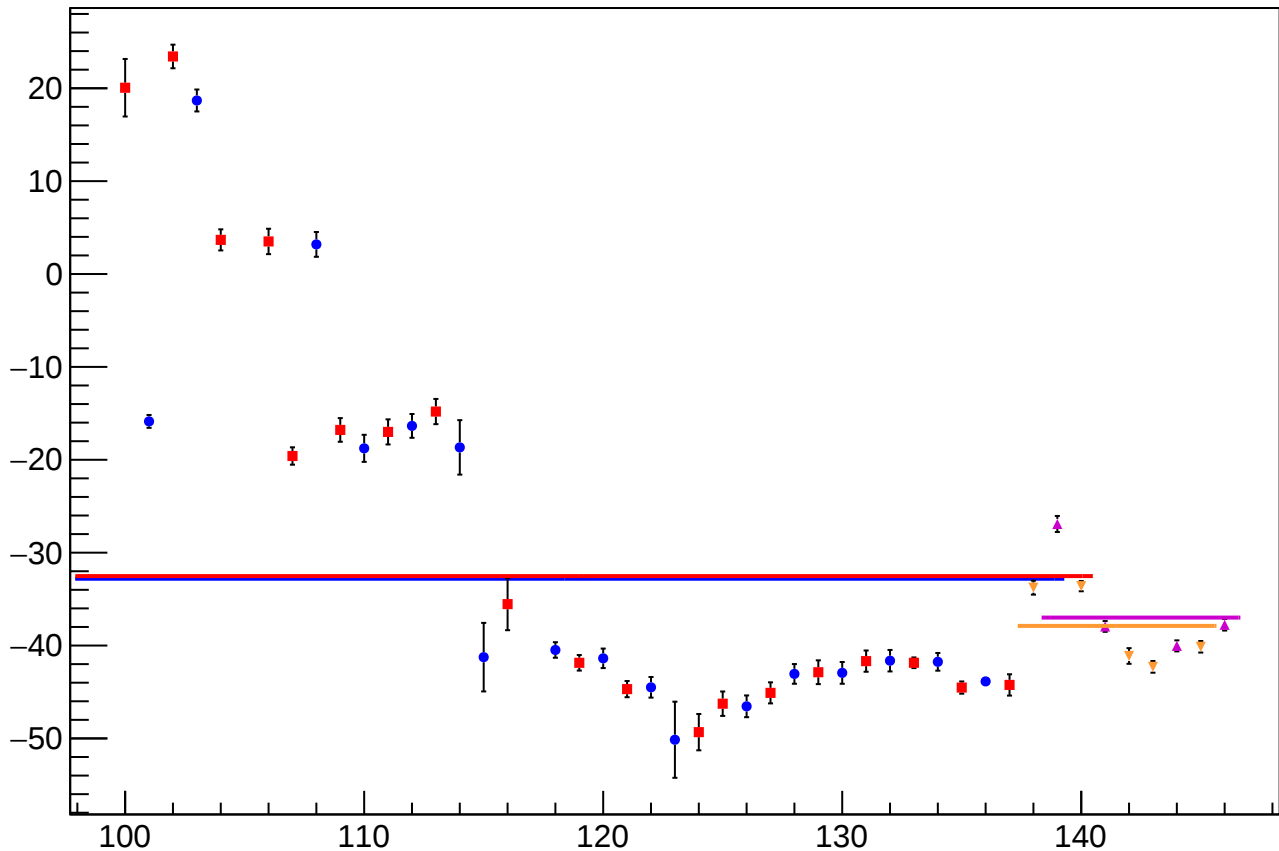
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -2.625 ± 0.256 $\chi^2/\text{NDF}: 291.3/20$

Out: -2.875 ± 0.248 $\chi^2/\text{NDF}: 437.8/23$

All: -2.754 ± 0.178 $\chi^2/\text{NDF}: 729.6/44$

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: -36.989 ± 0.320 $\chi^2/\text{NDF}: 167.0/3$

Left: -37.475 ± 0.216 $\chi^2/\text{NDF}: 338.8/8$

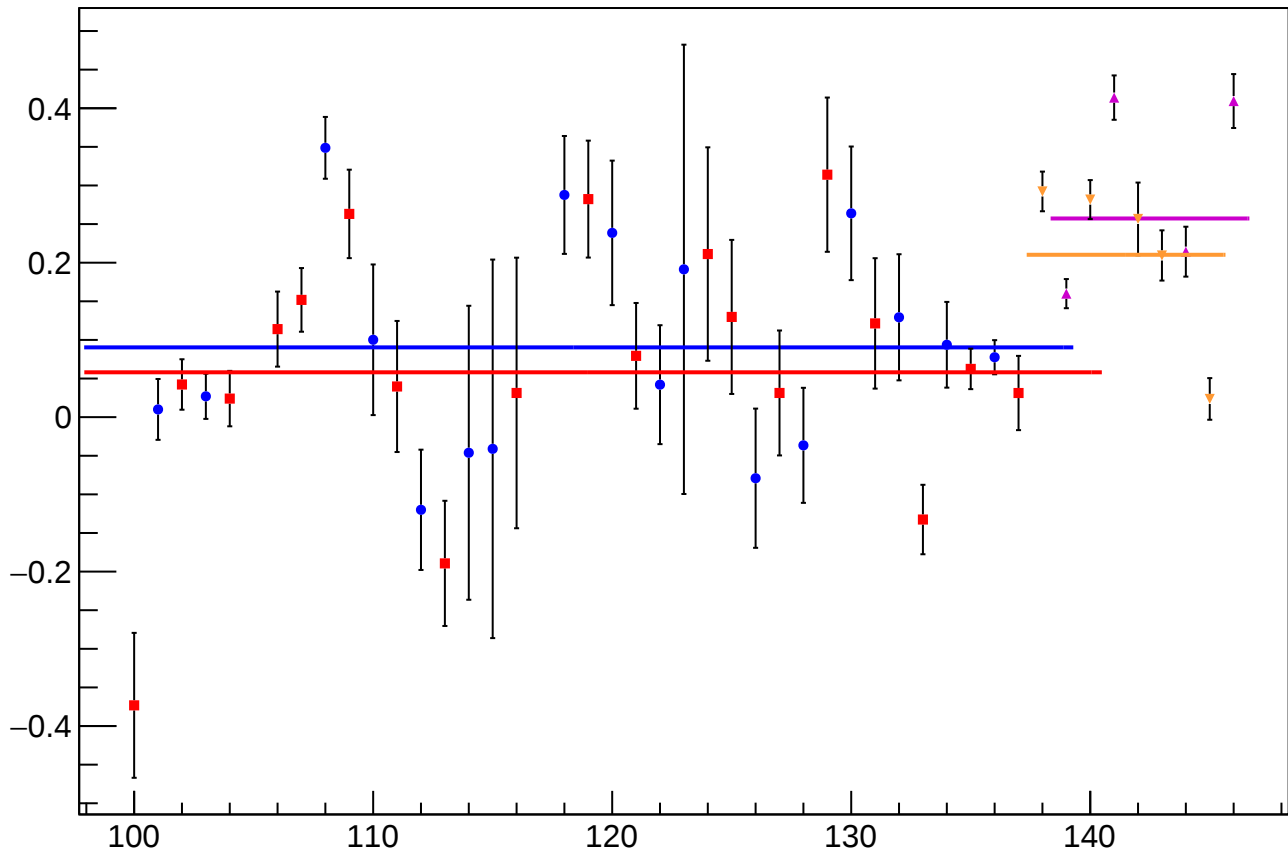
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -34.426 ± 0.199 $\chi^2/\text{NDF}: 4934.6/20$

Out: -34.709 ± 0.187 $\chi^2/\text{NDF}: 6405.2/23$

All: -34.576 ± 0.136 $\chi^2/\text{NDF}: 11341.0/44$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.210 $\pm$ 0.013 χ^2 /NDF: 67.1/4

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.257 $\pm$ 0.013 χ^2 /NDF: 77.0/3

Left: 0.234 $\pm$ 0.009 χ^2 /NDF: 150.5/8

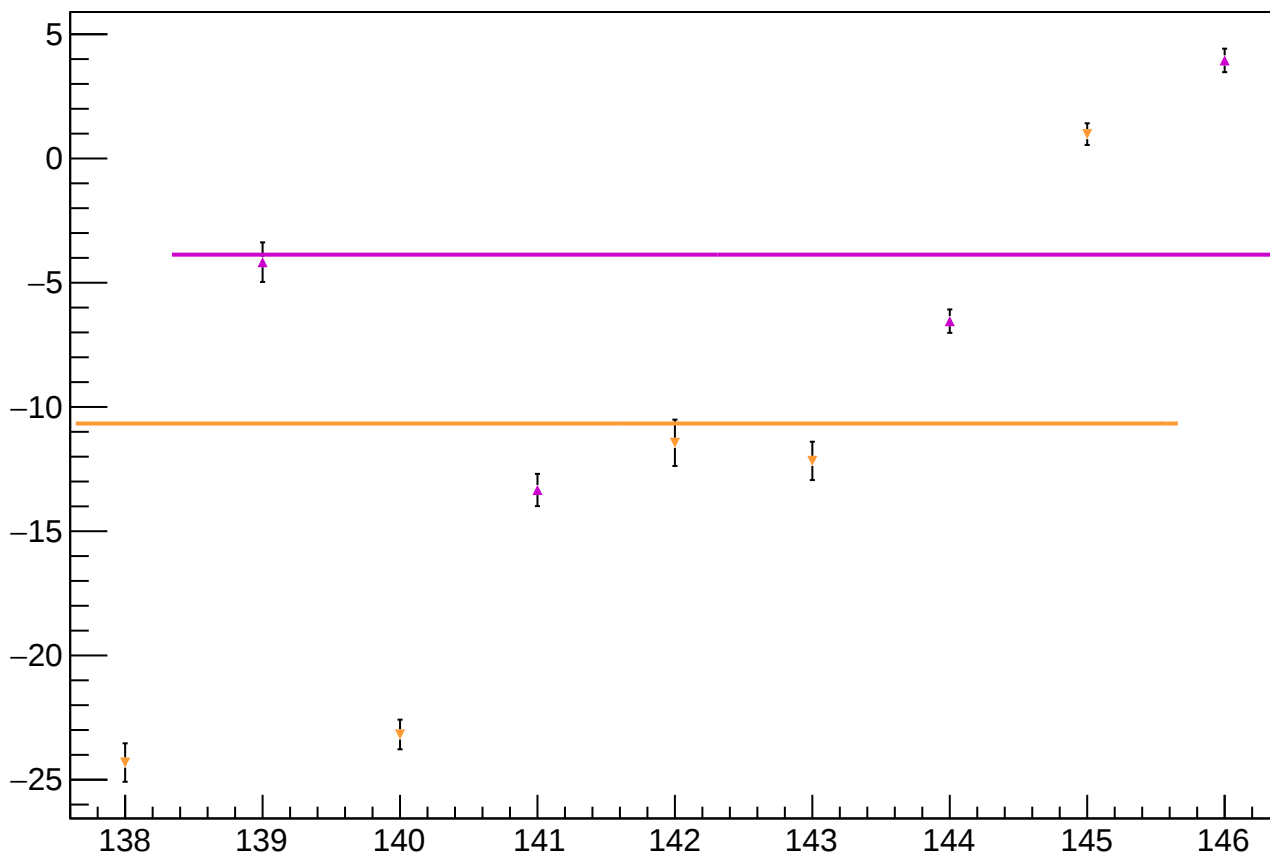
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.171 $\pm$ 0.009 χ^2 /NDF: 239.7/20

Out: 0.129 $\pm$ 0.009 χ^2 /NDF: 227.0/23

All: 0.149 $\pm$ 0.006 χ^2 /NDF: 477.9/44

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.665+/-0.282 χ^2/NDF :1468.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.870+/-0.278 χ^2/NDF :518.8/3

Left: -7.219+/-0.198 χ^2/NDF : 2281.2/8

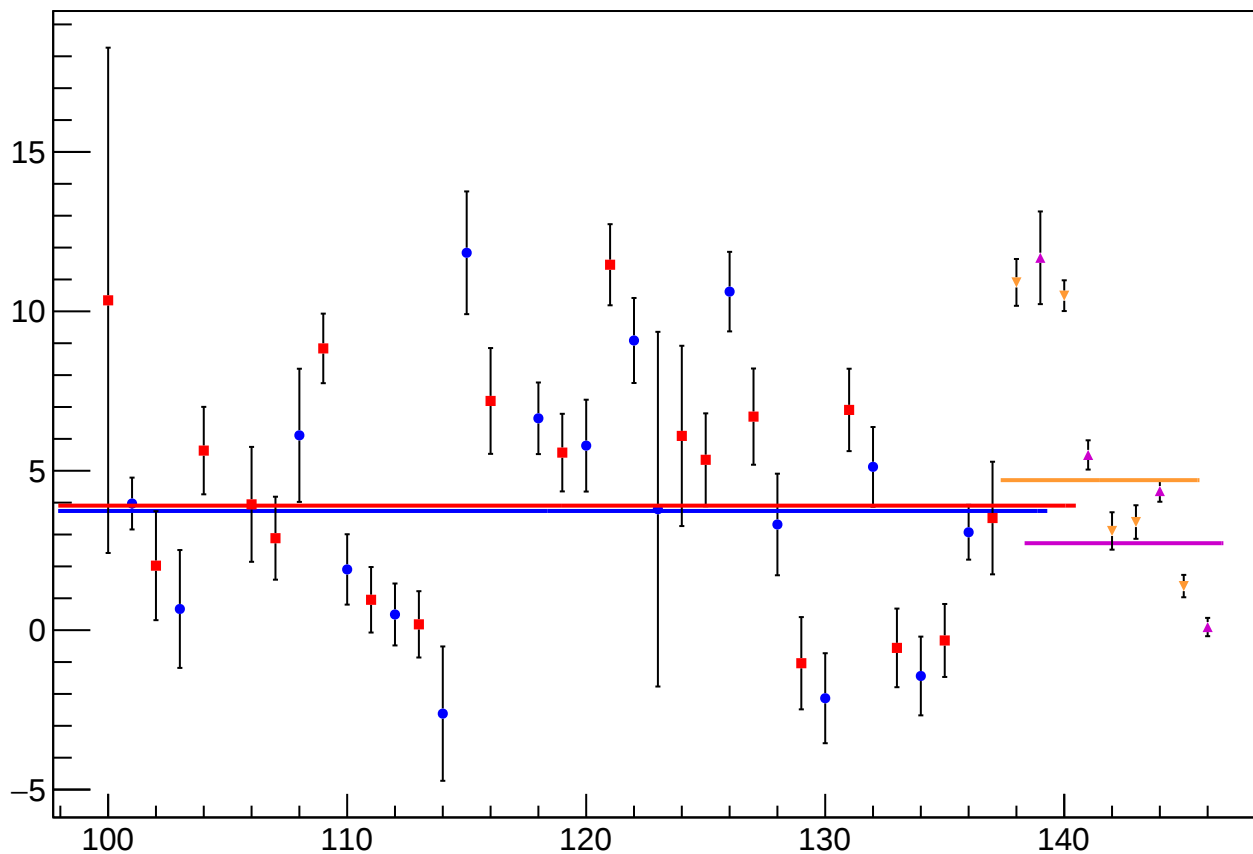
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.870+/-0.278 χ^2/NDF :518.8/3

Out: -10.665+/-0.282 χ^2/NDF :1468.1/4

All: -7.219+/-0.198 χ^2/NDF : 2281.2/8

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 4.705 ± 0.219 χ^2/NDF : 318.4/4

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 2.728 ± 0.195 χ^2/NDF : 182.1/3

Left: 3.601 ± 0.146 χ^2/NDF : 545.8/8

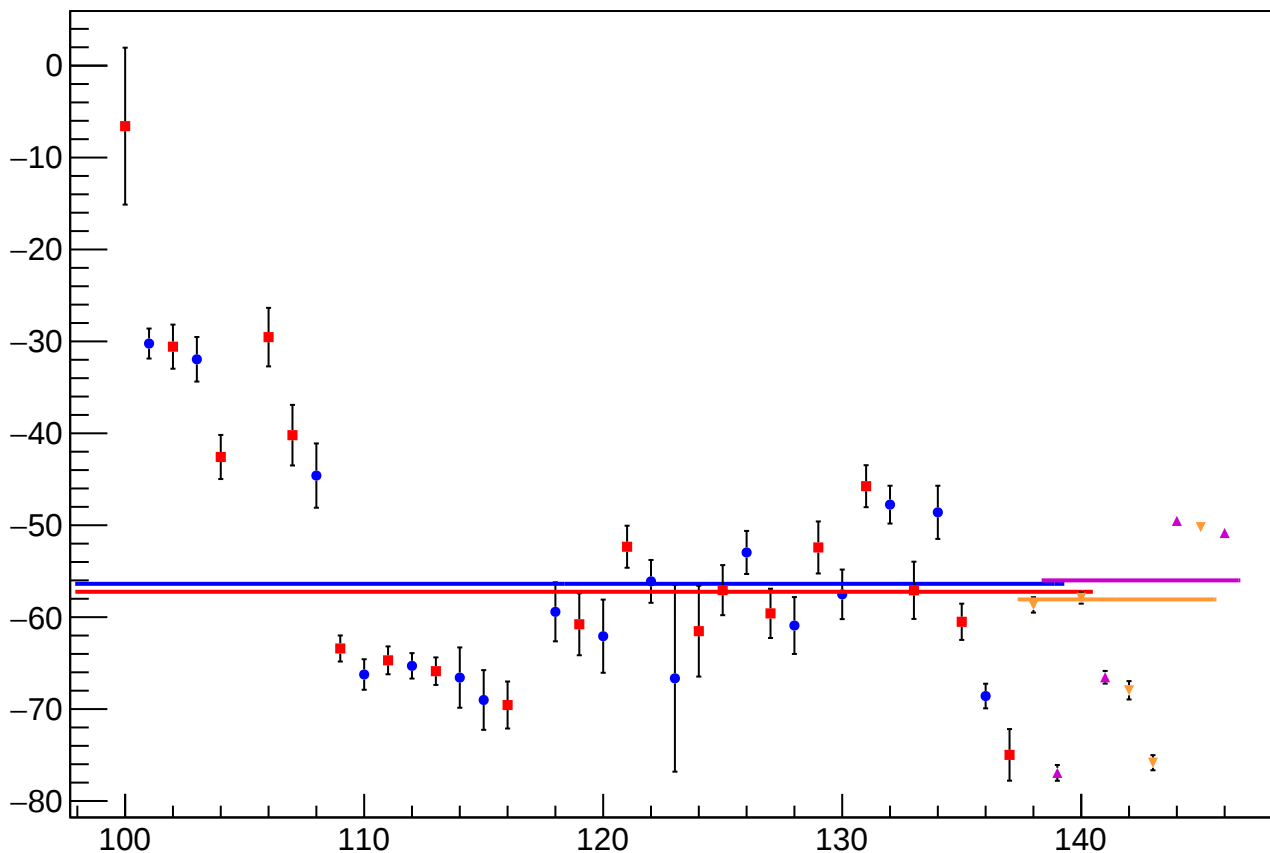
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 3.016 ± 0.165 χ^2/NDF : 326.6/20

Out: 4.446 ± 0.180 χ^2/NDF : 458.2/23

All: 3.668 ± 0.122 χ^2/NDF : 819.1/44

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -58.073 ± 0.301 χ^2/NDF : 852.2/4

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -55.998 ± 0.286 χ^2/NDF : 1118.4/3

Left: -56.982 ± 0.207 χ^2/NDF : 1995.6/8

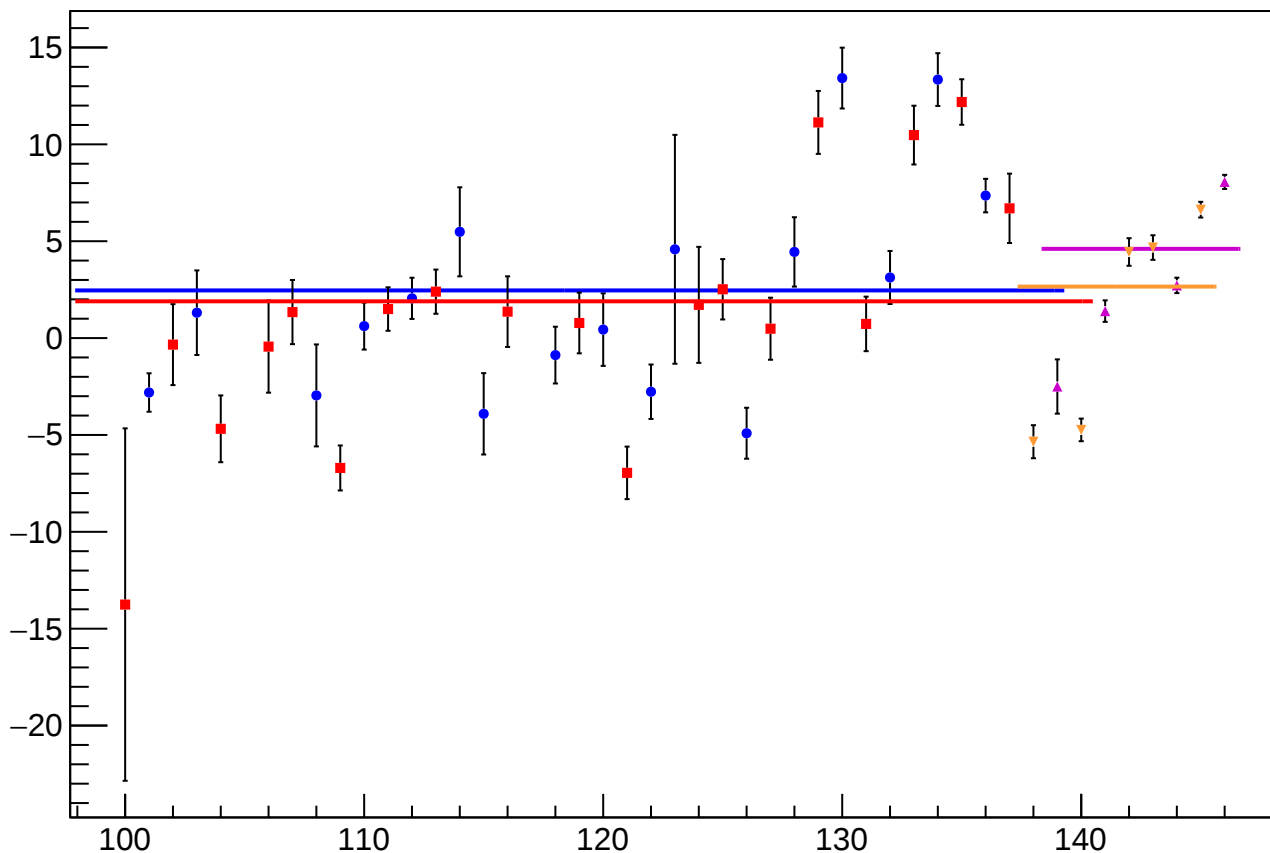
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -56.080 ± 0.253 χ^2/NDF : 1706.4/20

Out: -57.873 ± 0.263 χ^2/NDF : 1330.4/23

All: -56.943 ± 0.182 χ^2/NDF : 3060.9/44

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 2.658 ± 0.260 χ^2/NDF : 360.7/4

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 4.607 ± 0.238 χ^2/NDF : 171.7/3

Left: 3.715 ± 0.176 χ^2/NDF : 563.0/8

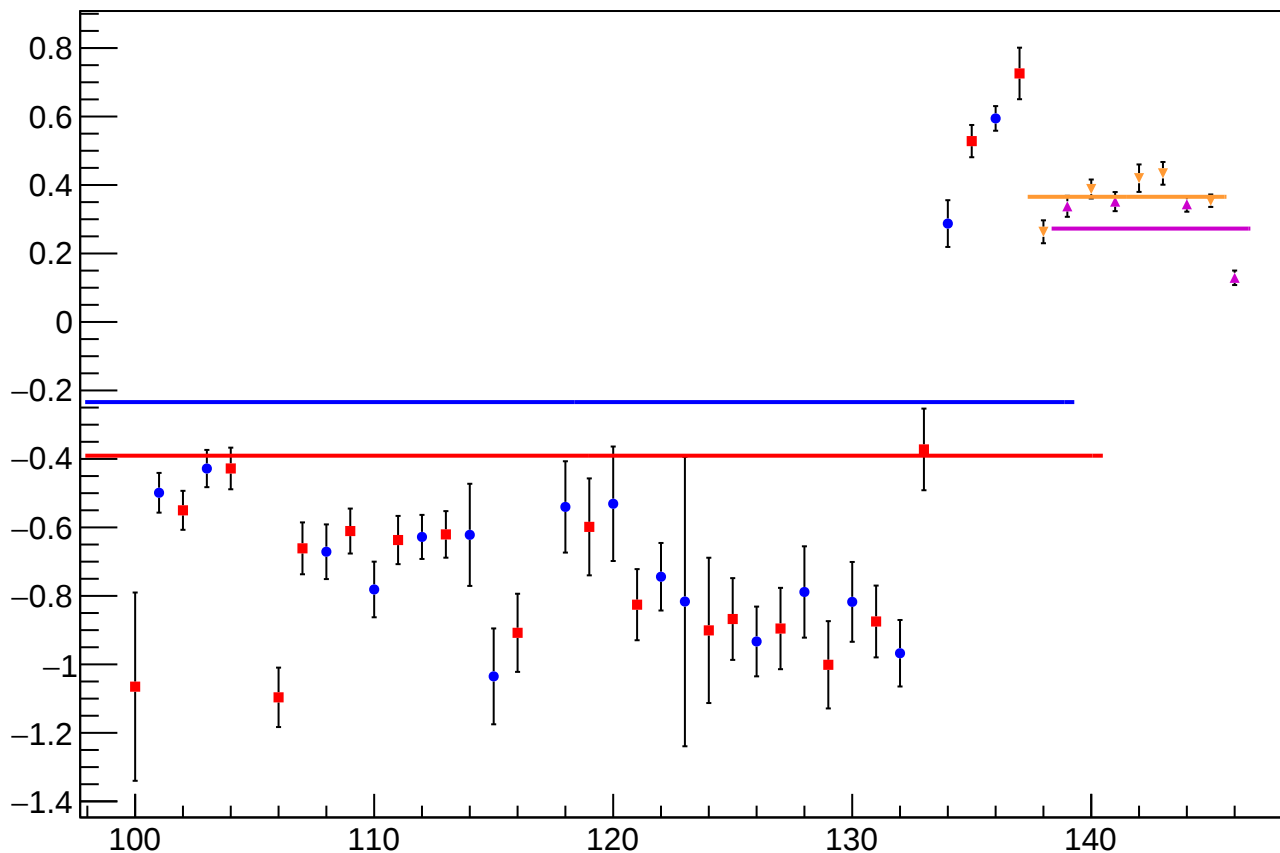
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 3.916 ± 0.196 χ^2/NDF : 441.7/20

Out: 2.393 ± 0.209 χ^2/NDF : 631.8/23

All: 3.204 ± 0.143 χ^2/NDF : 1101.7/44

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: 0.273 ± 0.012 χ^2/NDF : 69.2/3

Left: 0.319 ± 0.009 χ^2/NDF : 114.7/8

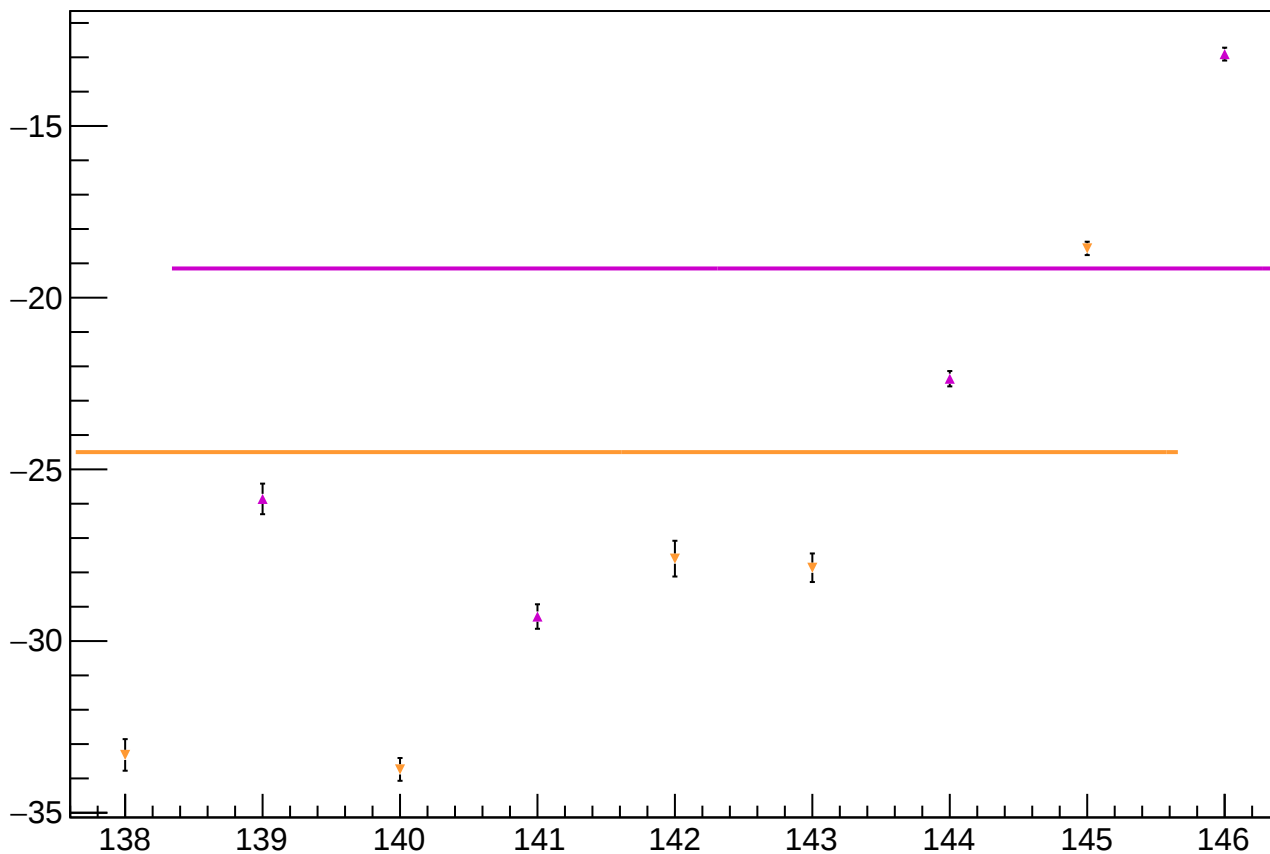
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.123 ± 0.010 χ^2/NDF : 1534.5/20

Out: 0.145 ± 0.010 χ^2/NDF : 1995.2/23

All: 0.134 ± 0.007 χ^2/NDF : 3531.9/44

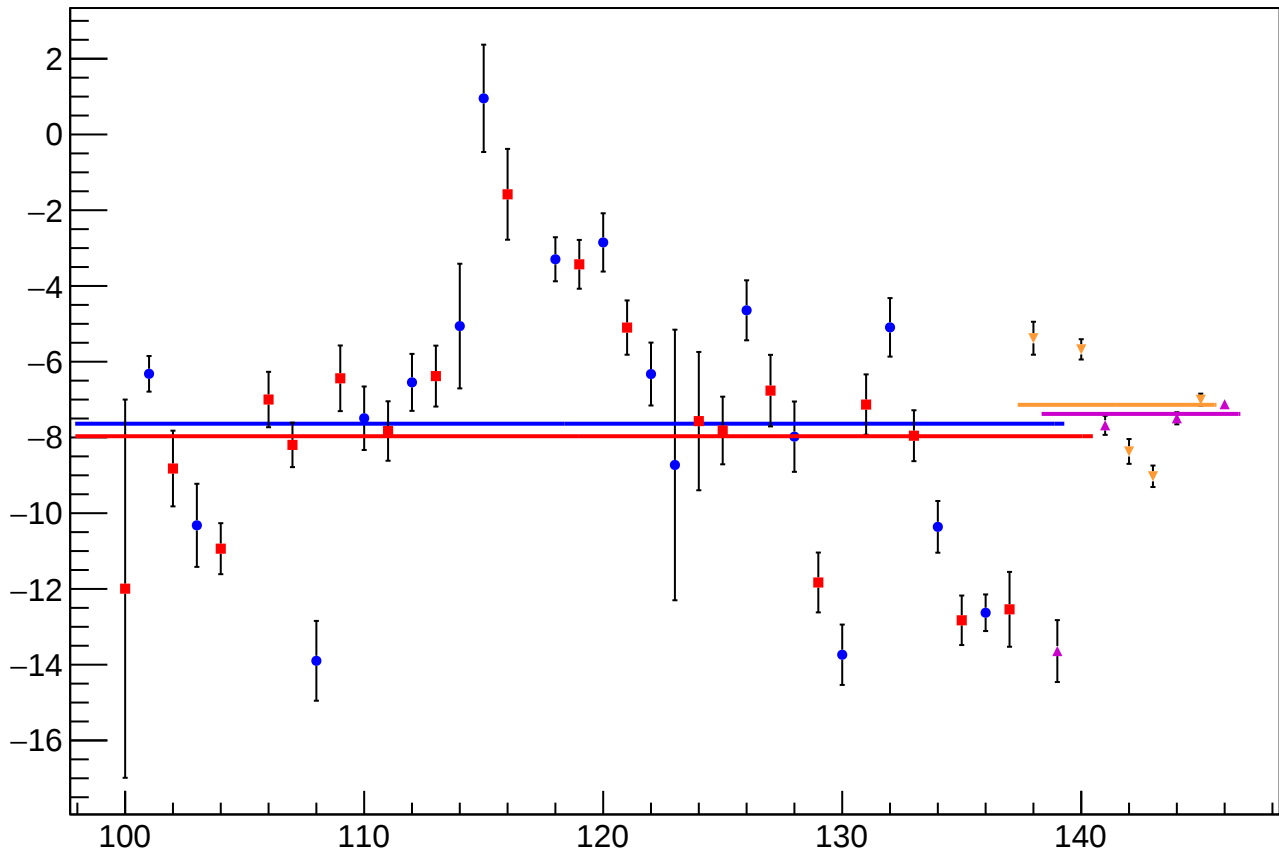
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -19.149+/-0.128 χ^2/NDF : 2349.7/3

Left: -21.540+/-0.095 χ^2/NDF : 5305.3/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.149+/-0.128 χ^2/NDF : 2349.7/3
 Out: -24.497+/-0.142 χ^2/NDF : 2170.6/4
 All: -21.540+/-0.095 χ^2/NDF : 5305.3/8

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.138 ± 0.112 χ^2/NDF : 105.3/4

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.378 ± 0.088 χ^2/NDF : 65.4/3

Left: -7.286 ± 0.069 χ^2/NDF : 173.6/8

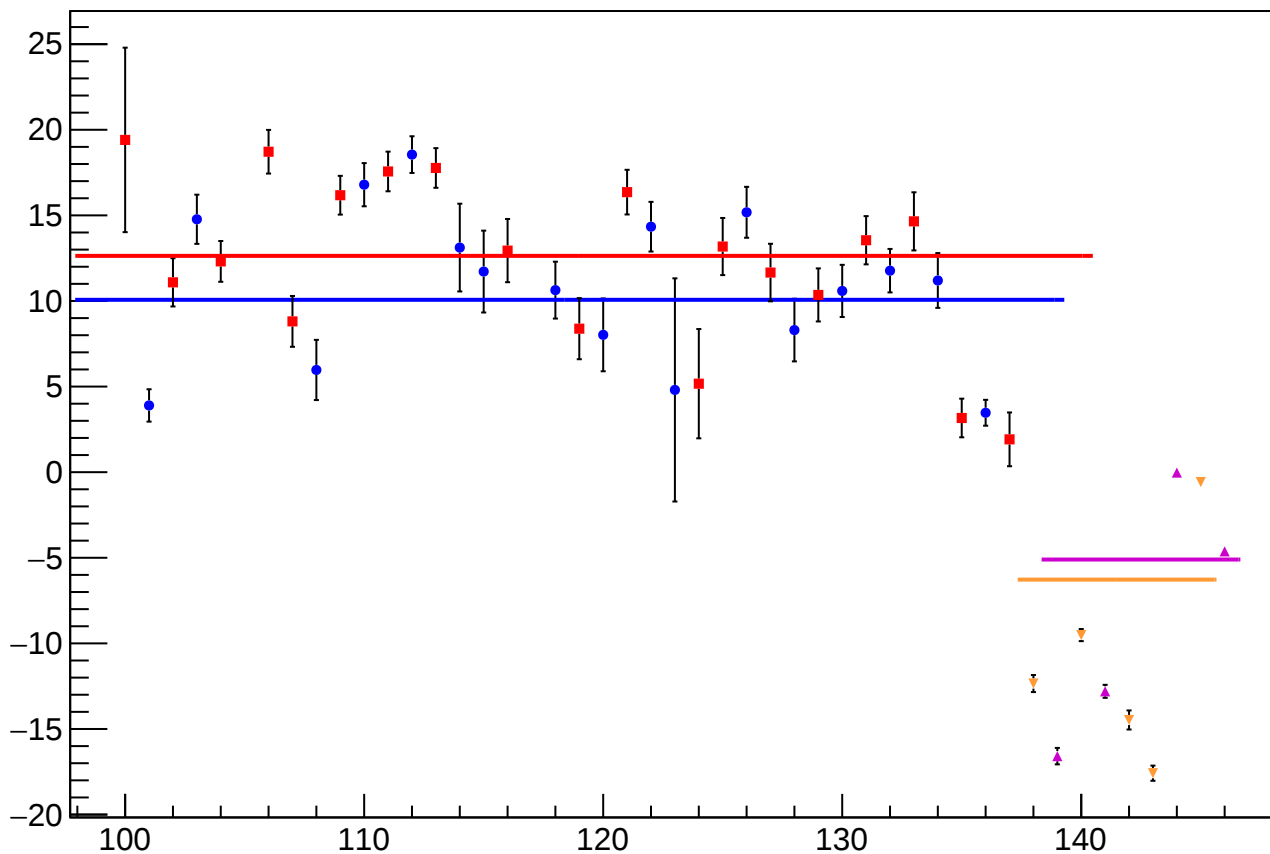
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.425 ± 0.079 χ^2/NDF : 461.0/20

Out: -7.358 ± 0.096 χ^2/NDF : 347.2/23

All: -7.398 ± 0.061 χ^2/NDF : 808.4/44

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -6.275 ± 0.151 $\chi^2/\text{NDF}: 1864.0/4$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -5.102 ± 0.130 $\chi^2/\text{NDF}: 1438.3/3$

Left: -5.600 ± 0.098 $\chi^2/\text{NDF}: 3337.0/8$

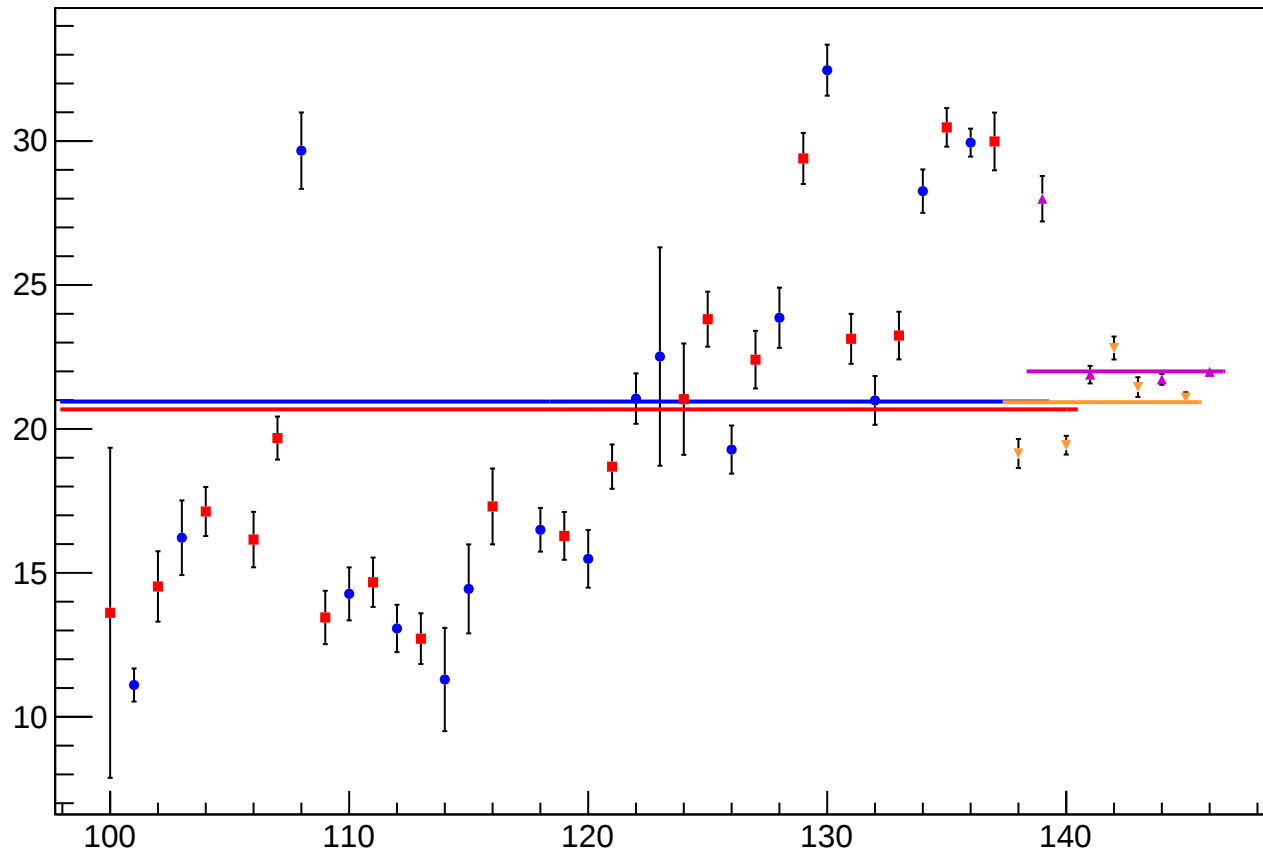
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -3.151 ± 0.121 $\chi^2/\text{NDF}: 3453.3/20$

Out: -3.043 ± 0.137 $\chi^2/\text{NDF}: 4766.8/23$

All: -3.104 ± 0.091 $\chi^2/\text{NDF}: 8220.4/44$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 ± 0.210 $\chi^2/\text{NDF}: 1222.8/16$

Left Out: 20.929 ± 0.131 $\chi^2/\text{NDF}: 59.1/4$

Right Out: 20.680 ± 0.213 $\chi^2/\text{NDF}: 728.4/18$

Left In: 21.999 ± 0.107 $\chi^2/\text{NDF}: 60.2/3$

Left: 21.570 ± 0.083 $\chi^2/\text{NDF}: 159.0/8$

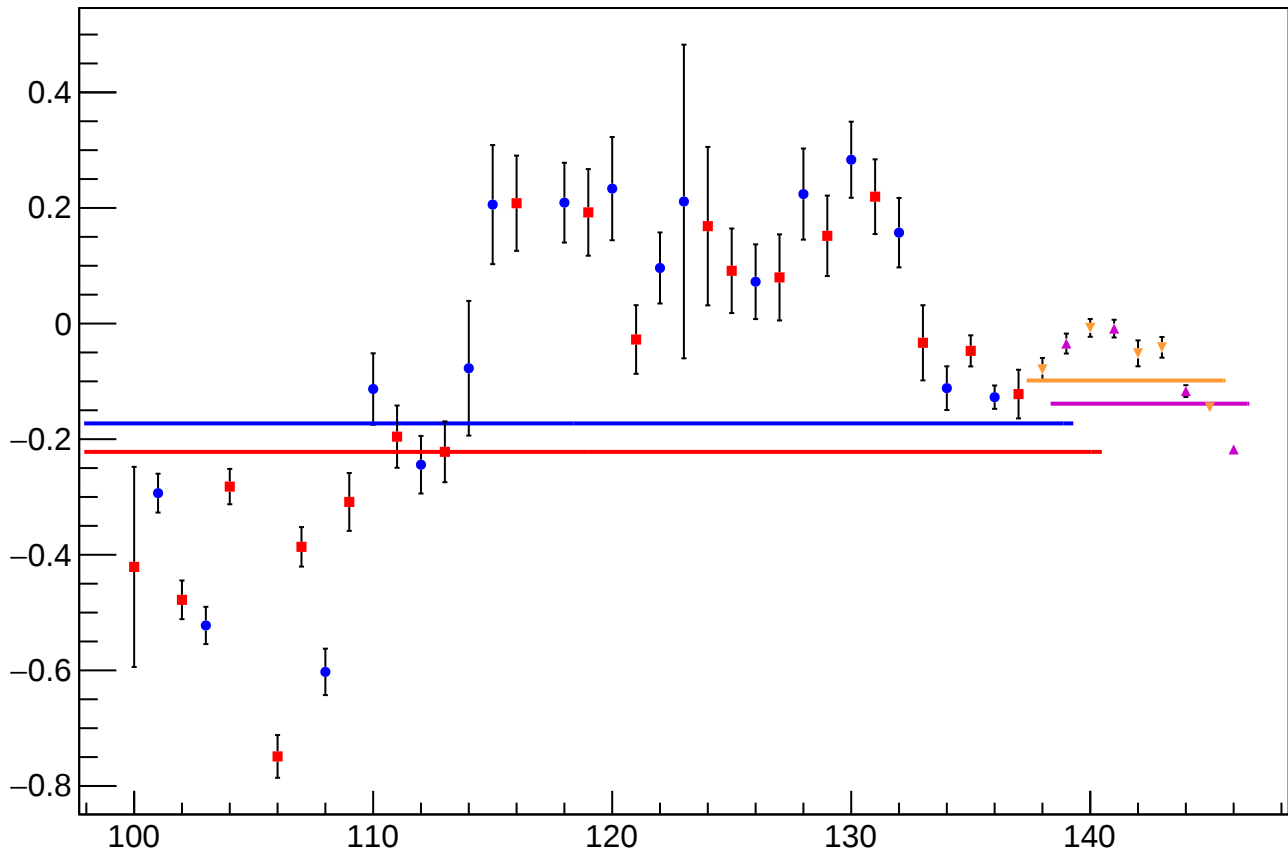
Right: 20.818 ± 0.149 $\chi^2/\text{NDF}: 1952.1/35$

In: 21.782 ± 0.096 $\chi^2/\text{NDF}: 1302.7/20$

Out: 20.861 ± 0.112 $\chi^2/\text{NDF}: 788.5/23$

All: 21.392 ± 0.073 $\chi^2/\text{NDF}: 2130.4/44$

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.099 ± 0.006 χ^2/NDF : 83.3/4

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.139 ± 0.006 χ^2/NDF : 200.4/3

Left: -0.120 ± 0.004 χ^2/NDF : 307.0/8

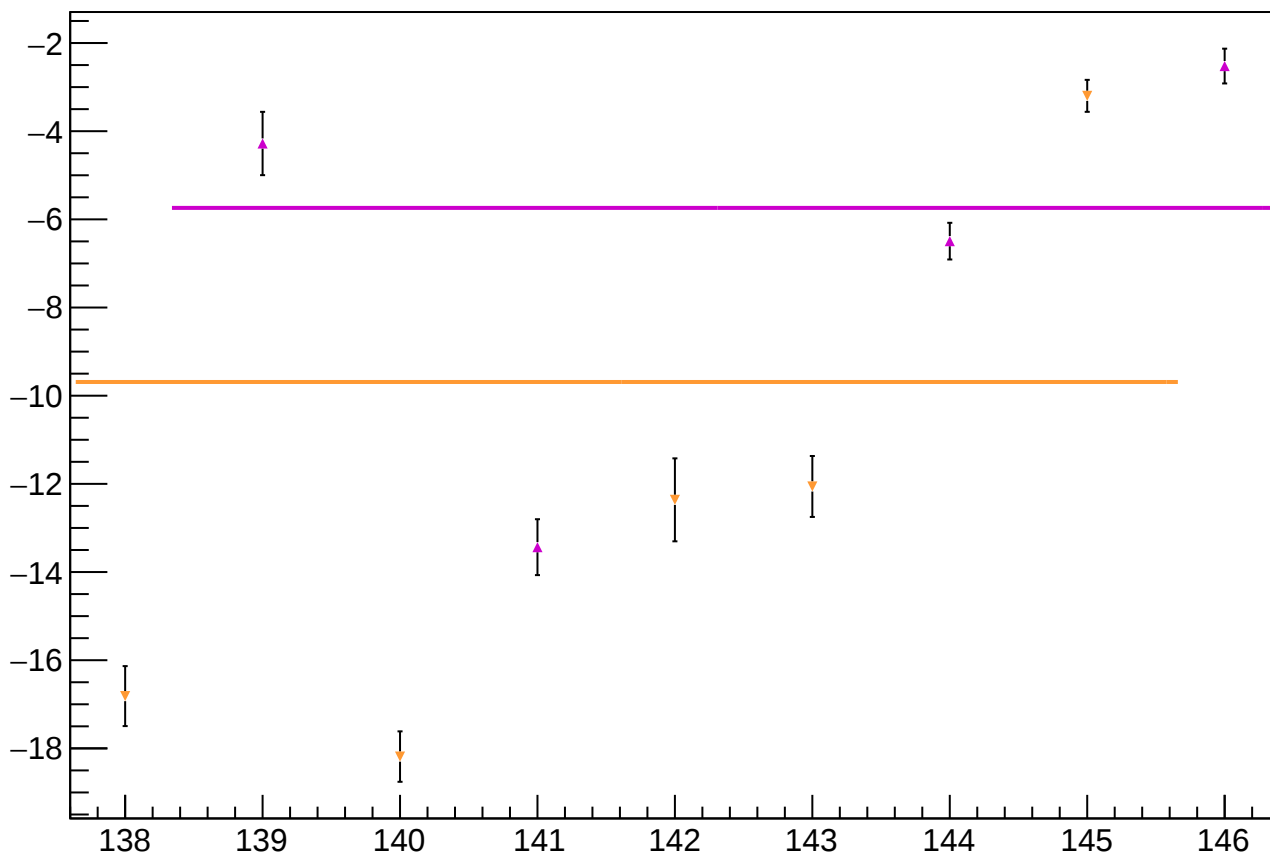
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.146 ± 0.005 χ^2/NDF : 668.2/20

Out: -0.128 ± 0.005 χ^2/NDF : 717.1/23

All: -0.137 ± 0.004 χ^2/NDF : 1391.3/44

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected

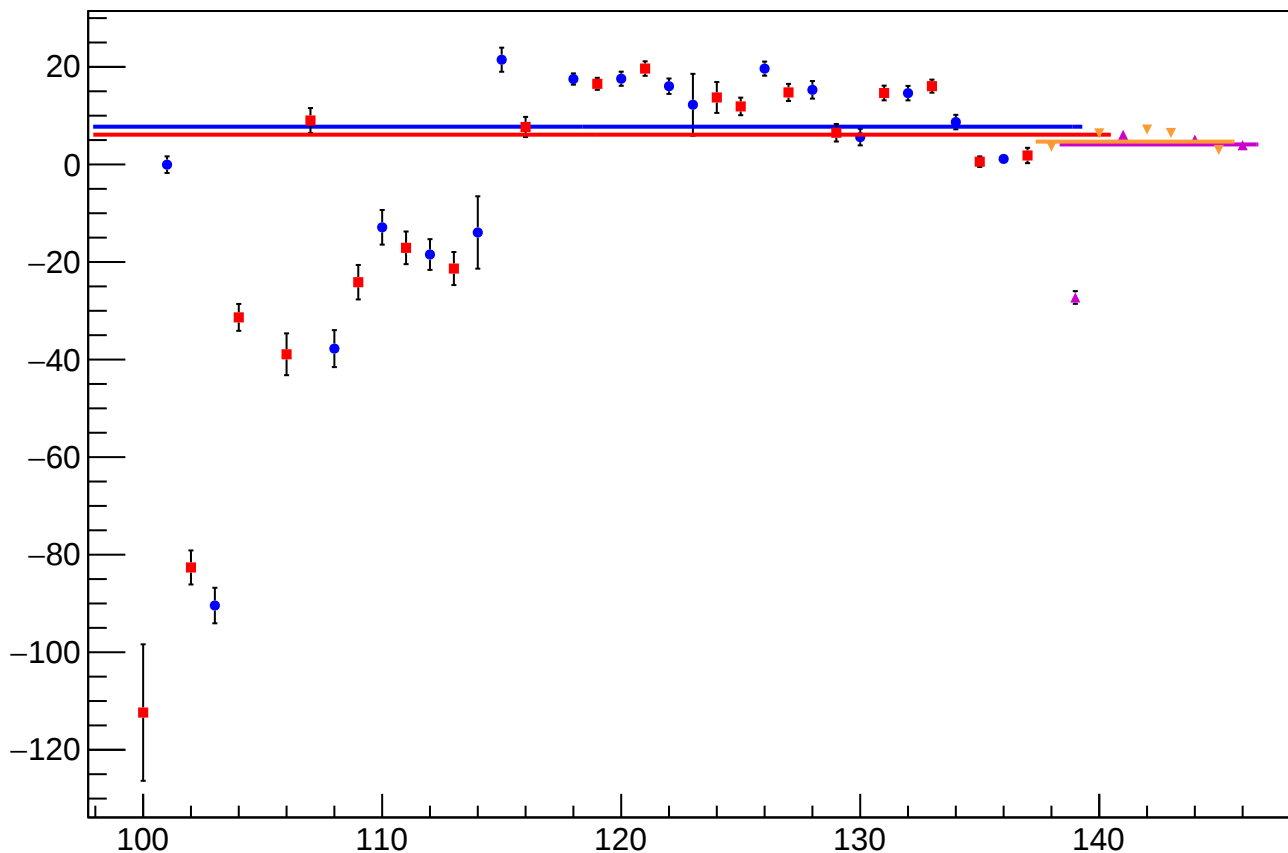


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.689+/-0.250 χ^2/NDF : 670.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.740+/-0.245 χ^2/NDF : 221.3/3

Left: -7.679+/-0.175 χ^2/NDF : 1019.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.740+/-0.245 χ^2/NDF : 221.3/3
 Out: -9.689+/-0.250 χ^2/NDF : 670.5/4

All: -7.679+/-0.175 χ^2/NDF : 1019.2/8

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 4.683 ± 0.195 χ^2/NDF : 81.9/4

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.102 ± 0.175 χ^2/NDF : 606.7/3

Left: 4.362 ± 0.130 χ^2/NDF : 693.4/8

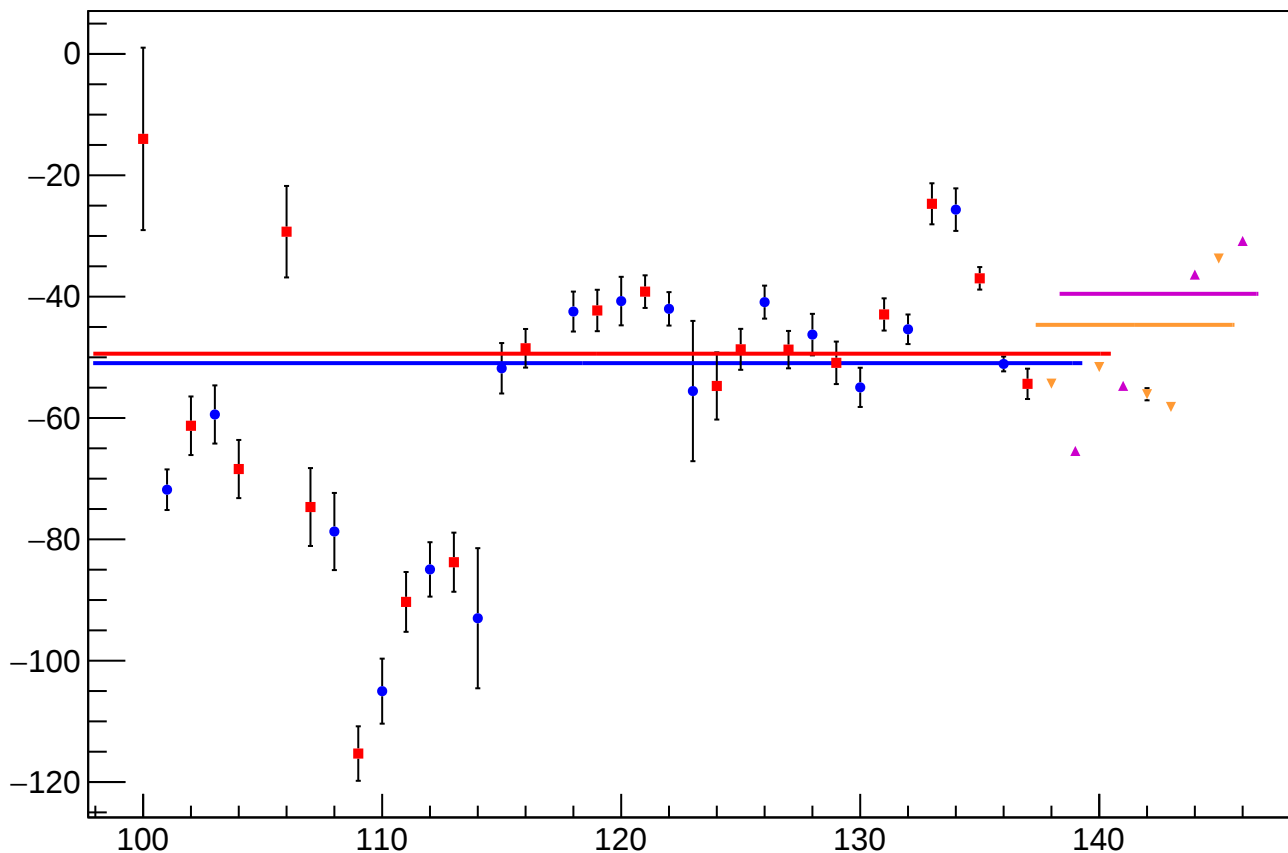
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.679 ± 0.160 χ^2/NDF : 2034.2/20

Out: 4.922 ± 0.178 χ^2/NDF : 1608.5/23

All: 4.788 ± 0.119 χ^2/NDF : 3643.8/44

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: -39.534 ± 0.251 χ^2/NDF : 2195.6/3

Left: -41.937 ± 0.183 χ^2/NDF : 3954.4/8

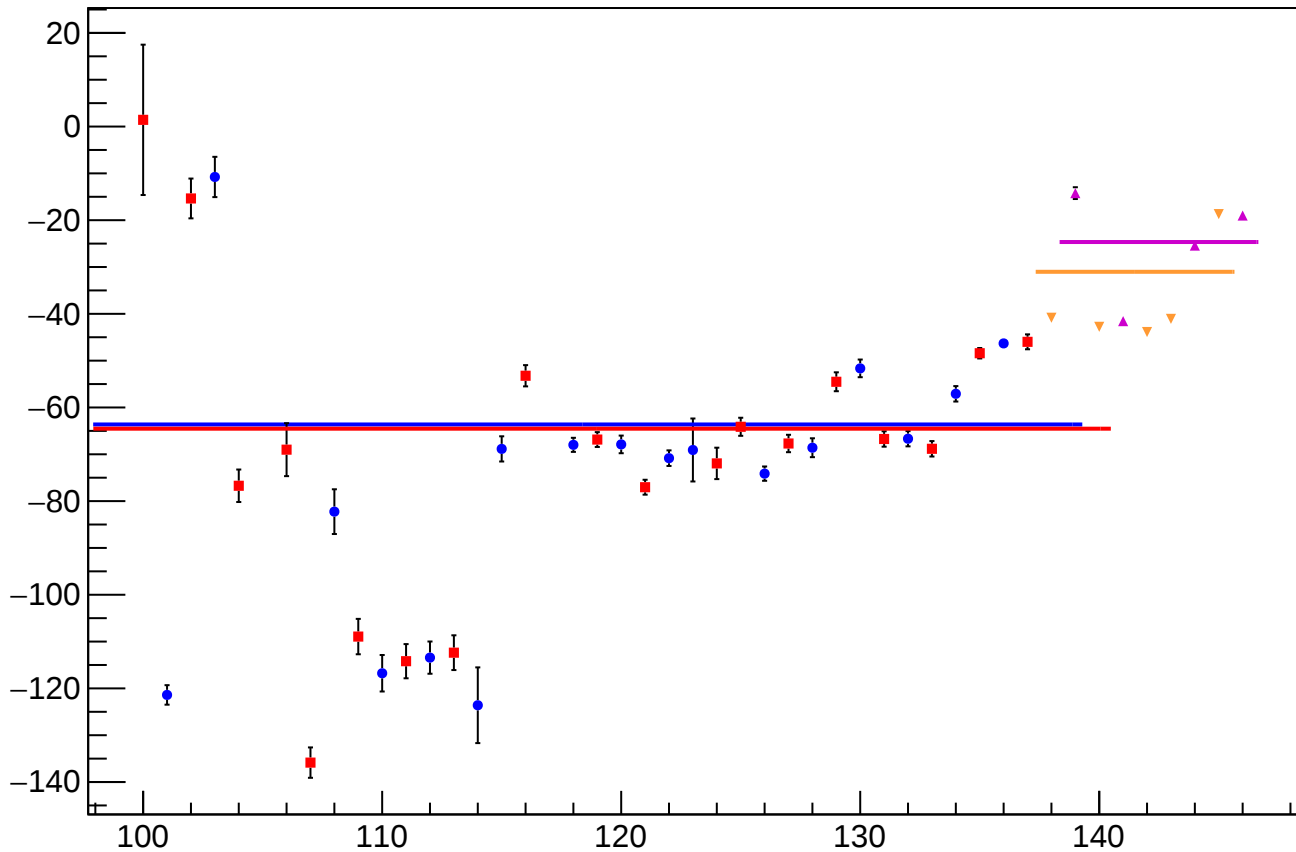
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -40.721 ± 0.238 χ^2/NDF : 2742.0/20

Out: -45.127 ± 0.253 χ^2/NDF : 2108.5/23

All: -42.788 ± 0.173 χ^2/NDF : 5011.3/44

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: -24.662+/-0.212 χ^2/NDF : 1368.1/3

Left: -27.588+/-0.156 χ^2/NDF : 4381.9/8

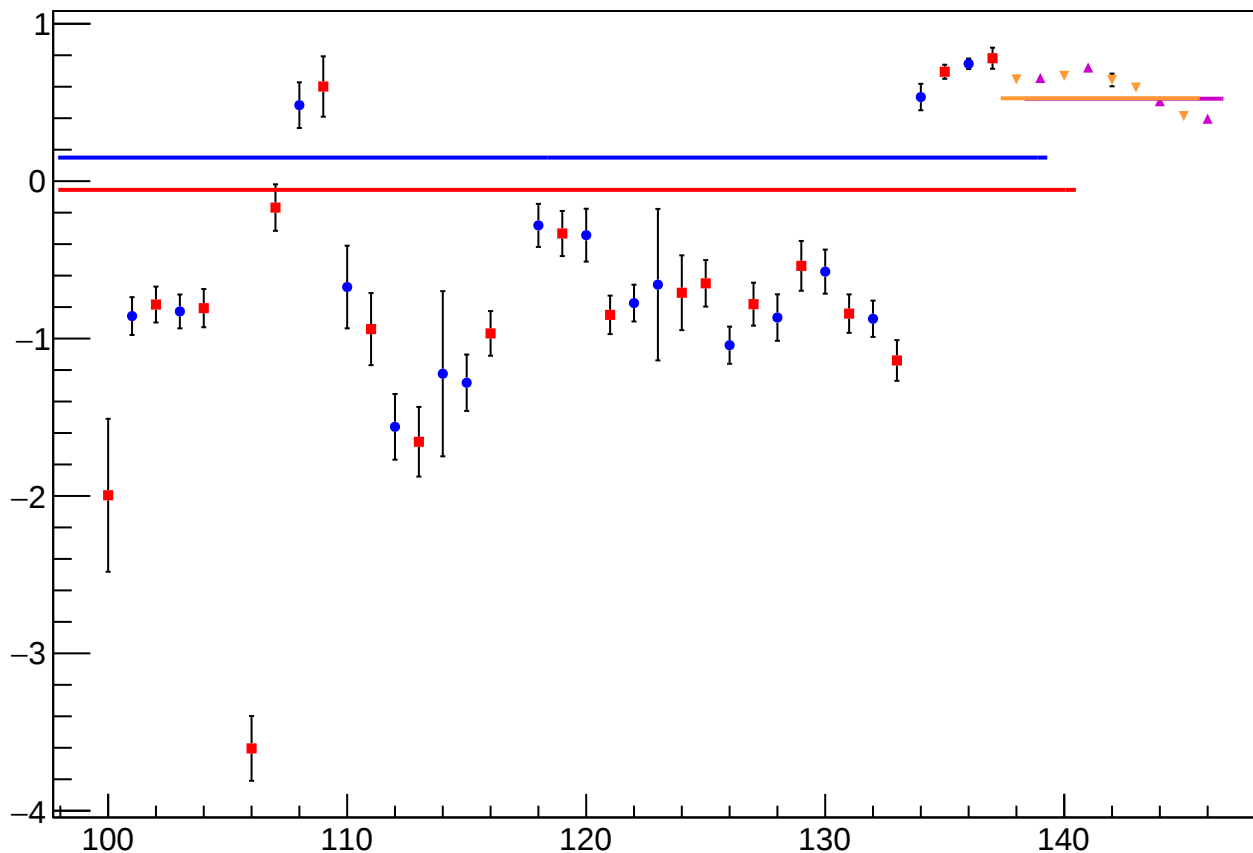
Right: -64.046+/-0.327 χ^2/NDF : 3624.3/35

In: -31.861+/-0.192 χ^2/NDF : 9607.7/20

Out: -37.231+/-0.207 χ^2/NDF : 8150.2/23

All: -34.333+/-0.141 χ^2/NDF : 18119.4/44

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$

Left Out: 0.527 ± 0.011 $\chi^2/\text{NDF}: 114.2/4$

Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$

Left In: 0.524 ± 0.011 $\chi^2/\text{NDF}: 126.8/3$

Left: 0.525 ± 0.008 $\chi^2/\text{NDF}: 241.1/8$

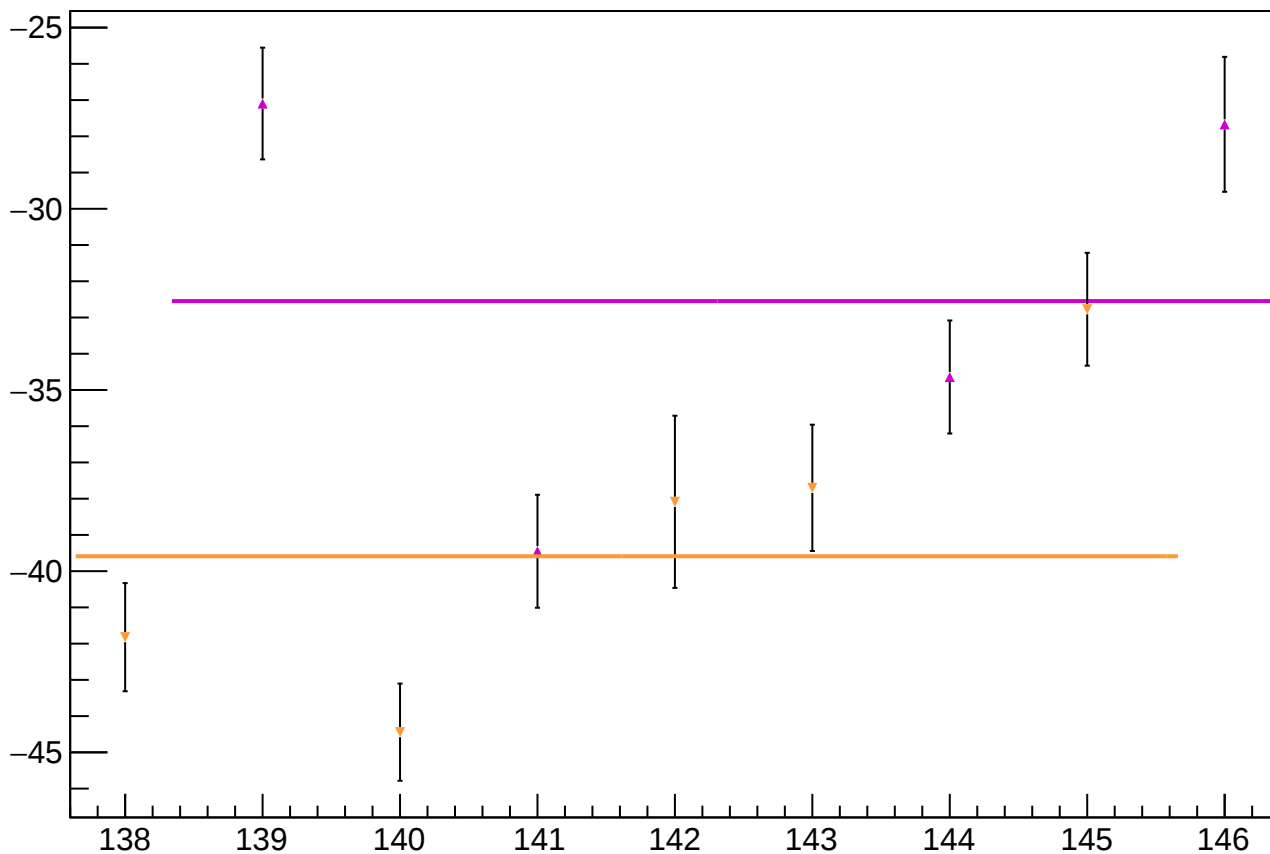
Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$

In: 0.460 ± 0.010 $\chi^2/\text{NDF}: 1317.8/20$

Out: 0.443 ± 0.010 $\chi^2/\text{NDF}: 1706.5/23$

All: 0.452 ± 0.007 $\chi^2/\text{NDF}: 3025.9/44$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.589+/-0.721 χ^2/NDF :36.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.547+/-0.808 χ^2/NDF :40.8/3

Left: -36.467+/-0.538 χ^2/NDF : 119.2/8

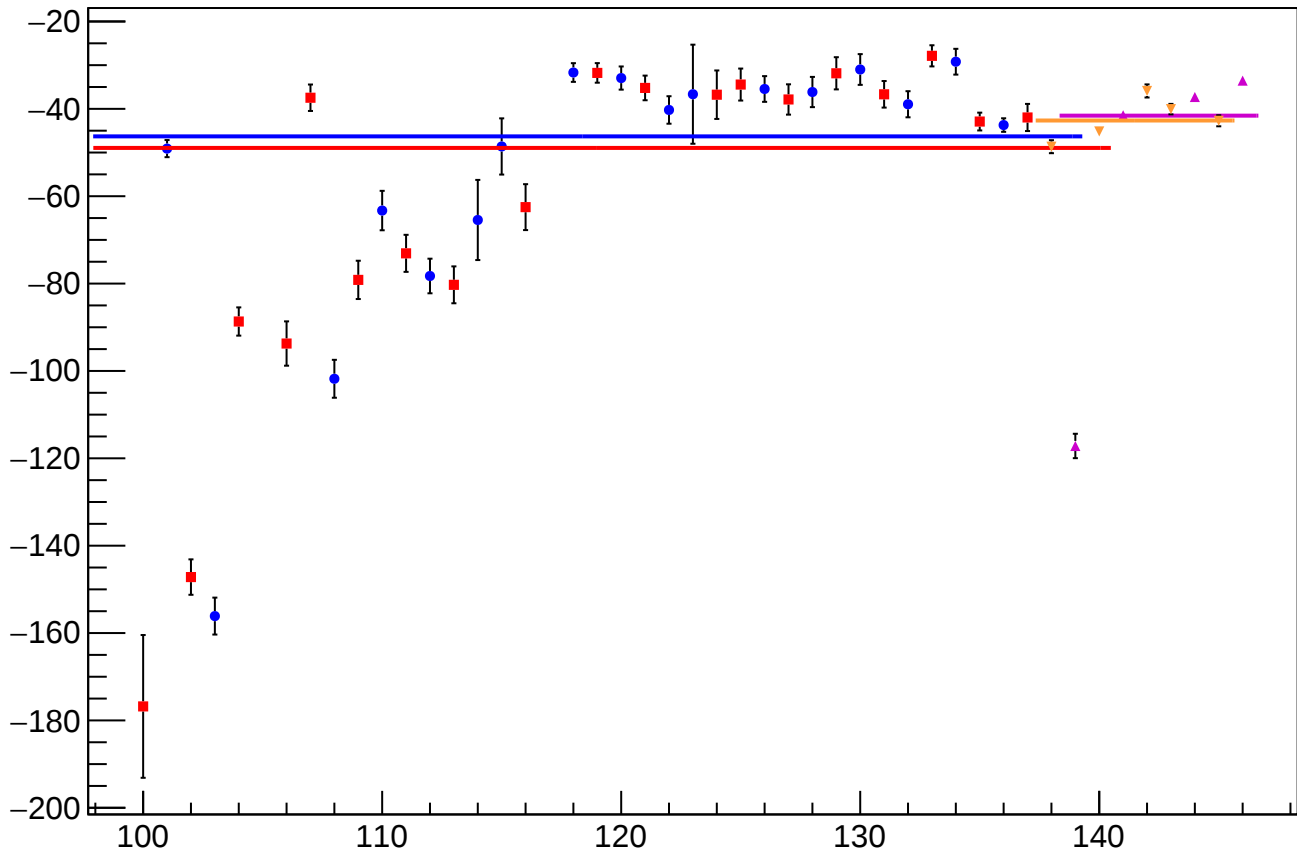
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.547+/-0.808 χ^2/NDF :40.8/3

Out: -39.589+/-0.721 χ^2/NDF :36.1/4

All: -36.467+/-0.538 χ^2/NDF : 119.2/8

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

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: -41.557 ± 0.630 $\chi^2/\text{NDF}: 797.8/3$

Left: -42.166 ± 0.424 $\chi^2/\text{NDF}: 846.1/8$

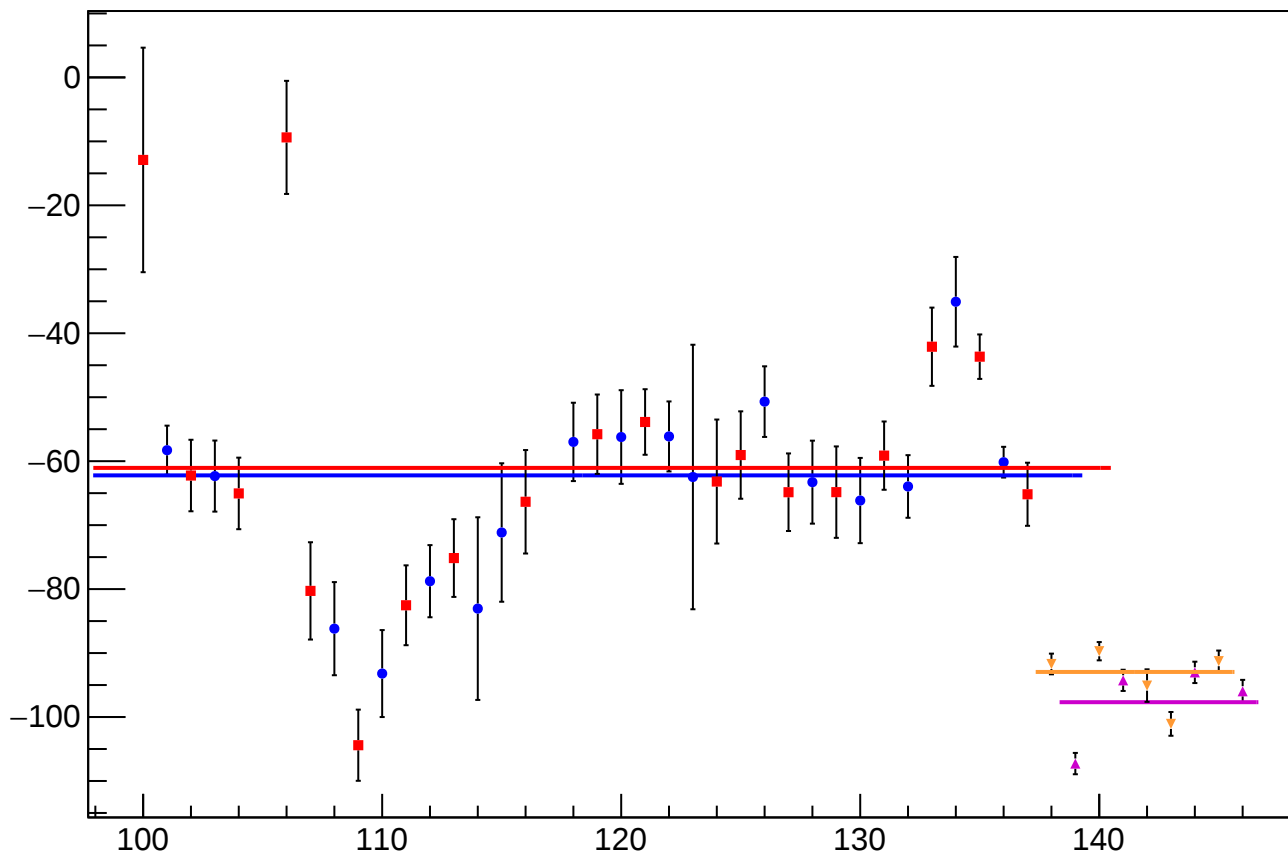
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -43.604 ± 0.475 $\chi^2/\text{NDF}: 1906.2/20$

Out: -44.930 ± 0.458 $\chi^2/\text{NDF}: 1363.5/23$

All: -44.292 ± 0.330 $\chi^2/\text{NDF}: 3273.8/44$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -92.953 ± 0.771 $\chi^2/\text{NDF}: 26.6/4$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -97.682 ± 0.846 $\chi^2/\text{NDF}: 46.1/3$

Left: -95.098 ± 0.570 $\chi^2/\text{NDF}: 89.7/8$

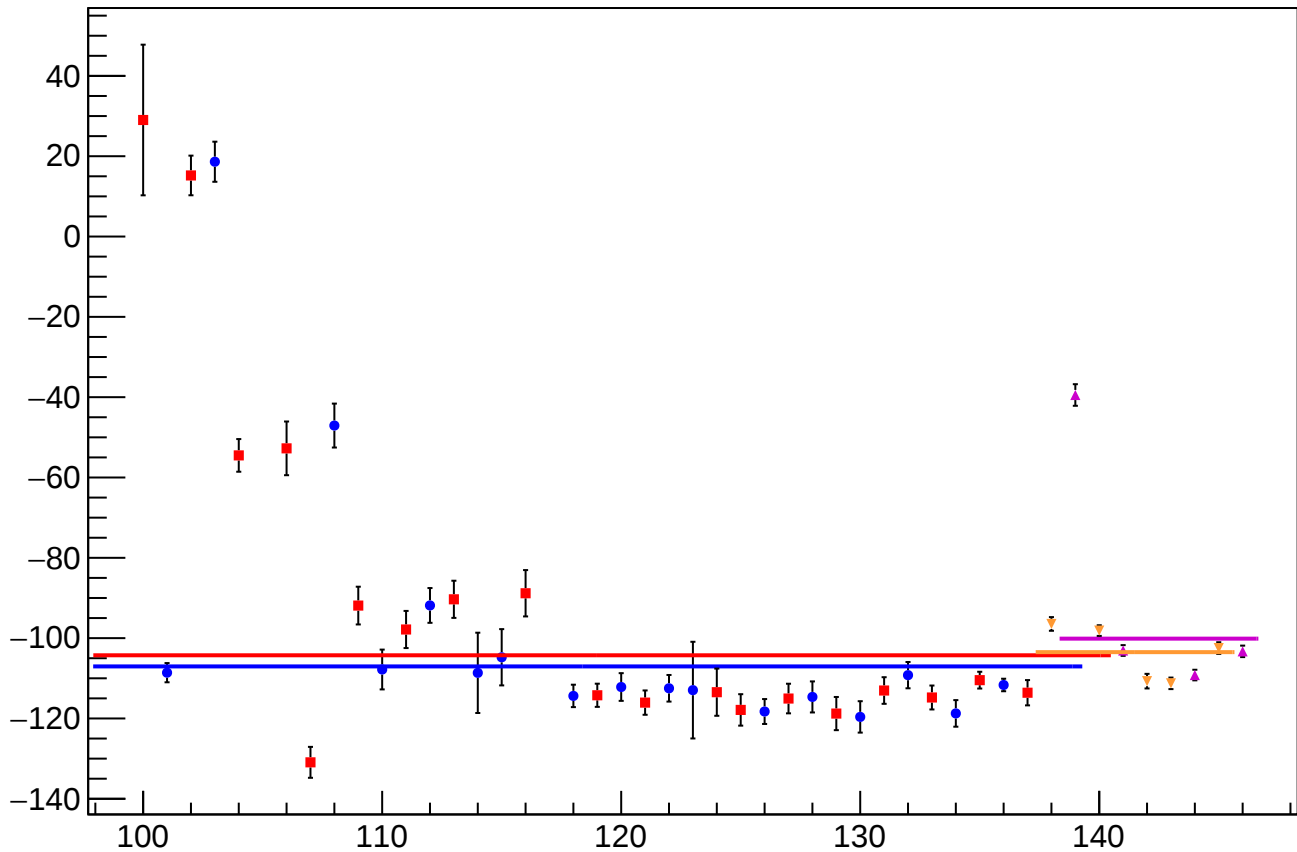
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -87.260 ± 0.711 $\chi^2/\text{NDF}: 629.5/20$

Out: -85.349 ± 0.673 $\chi^2/\text{NDF}: 600.4/23$

All: -86.252 ± 0.489 $\chi^2/\text{NDF}: 1233.7/44$

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: -100.125 ± 0.754 χ^2/NDF : 565.9/3

Left: -101.982 ± 0.504 χ^2/NDF : 655.7/8

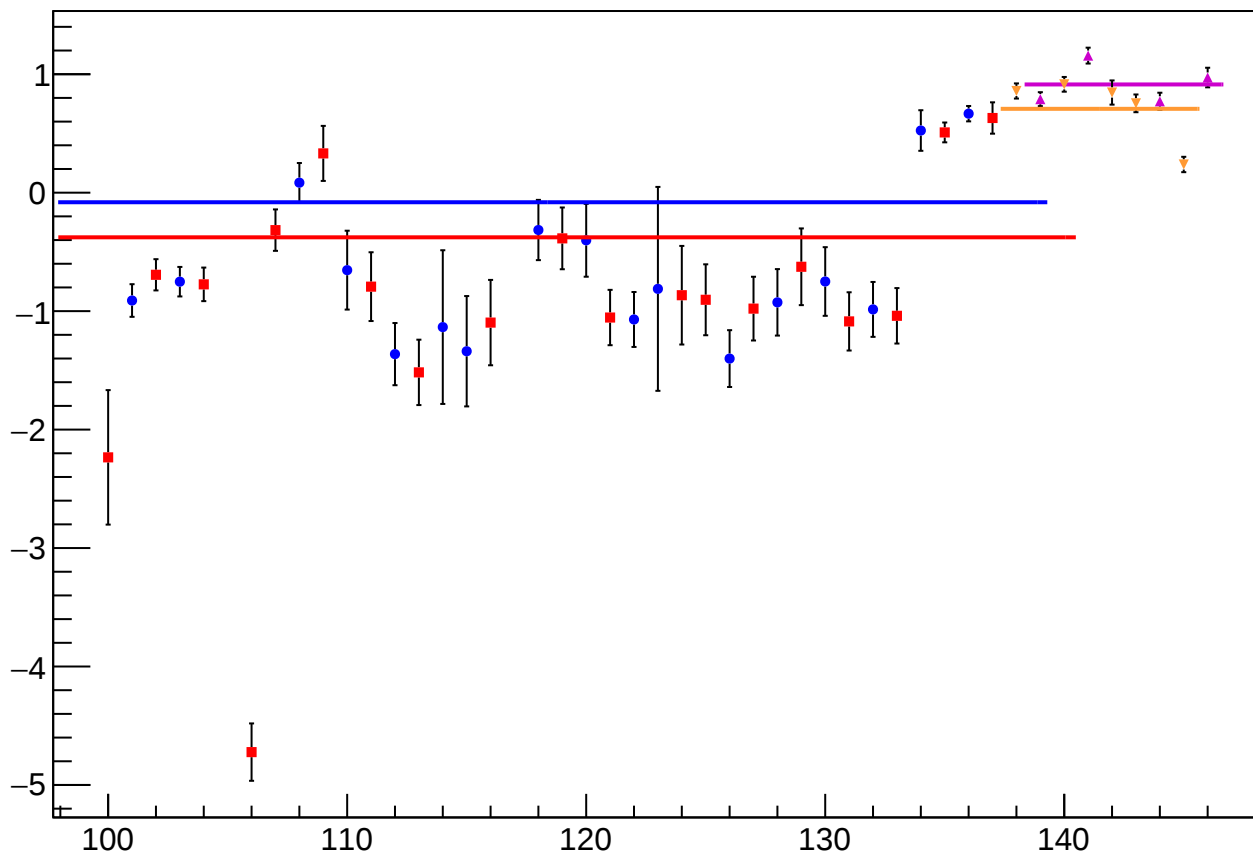
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -103.326 ± 0.553 χ^2/NDF : 1432.7/20

Out: -103.786 ± 0.533 χ^2/NDF : 1097.4/23

All: -103.565 ± 0.384 χ^2/NDF : 2530.4/44

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: 0.914 ± 0.034 χ^2/NDF : 22.0/3

Left: 0.801 ± 0.023 χ^2/NDF : 112.9/8

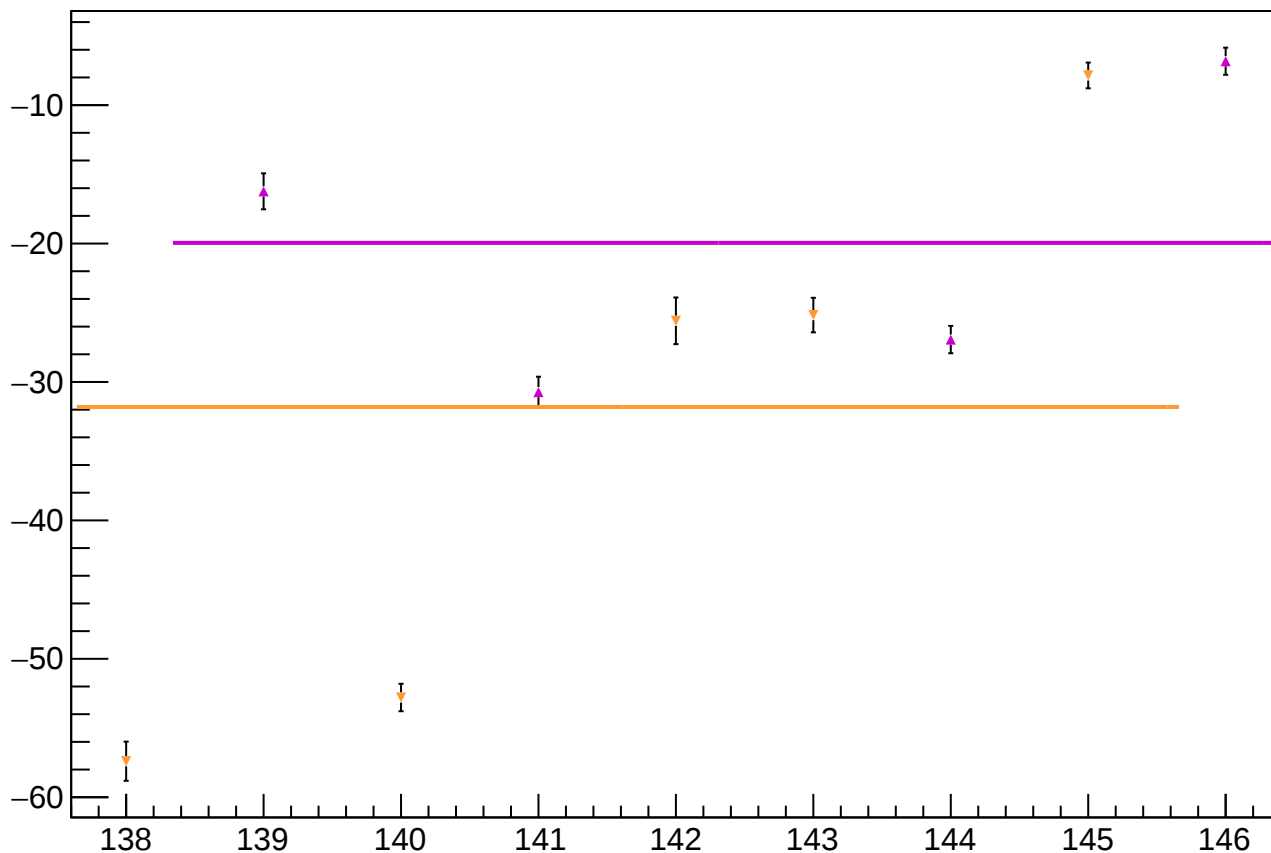
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.517 ± 0.027 χ^2/NDF : 684.8/20

Out: 0.341 ± 0.026 χ^2/NDF : 1059.3/23

All: 0.425 ± 0.018 χ^2/NDF : 1766.9/44

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.806+/-0.522 χ^2/NDF :1482.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.950+/-0.537 χ^2/NDF :331.6/3

Left: -26.049+/-0.374 χ^2/NDF : 2065.0/8

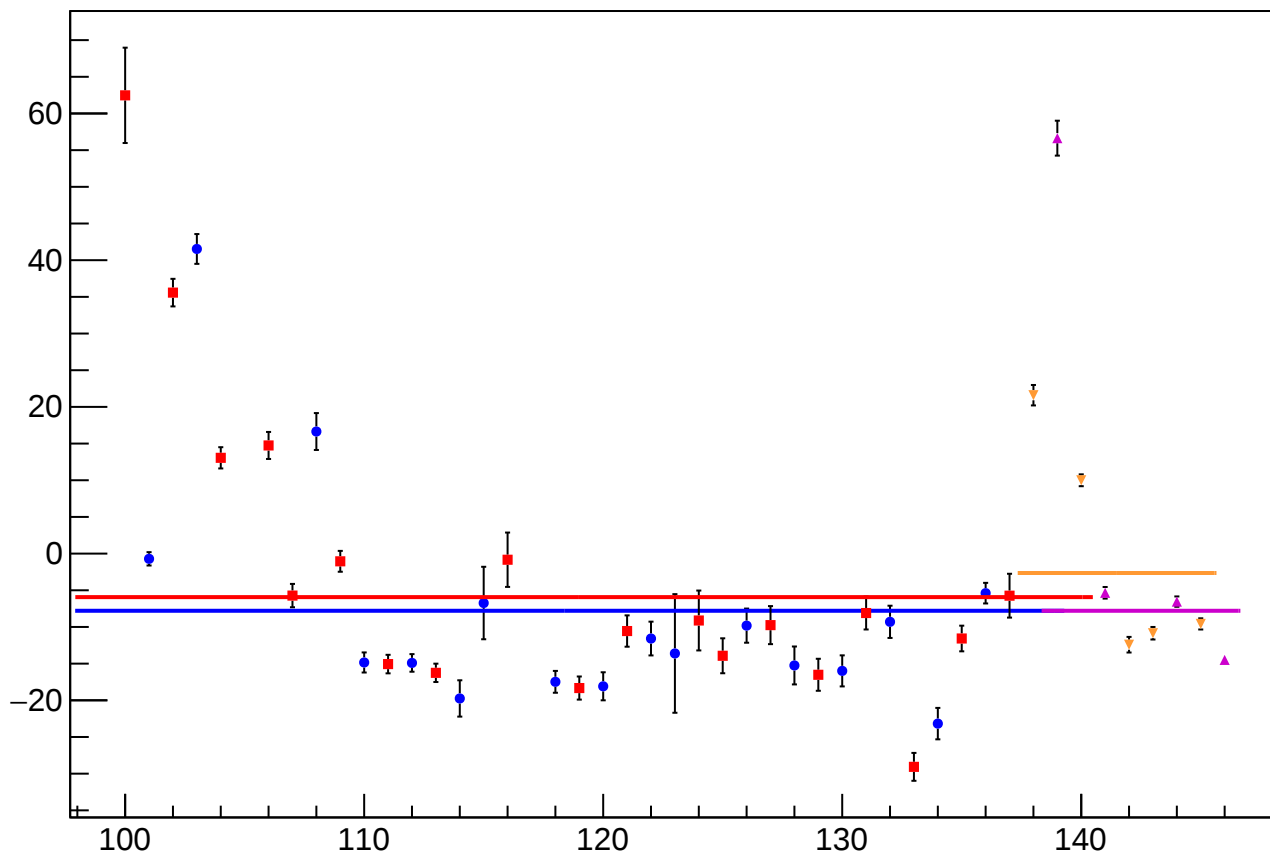
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.950+/-0.537 χ^2/NDF :331.6/3

Out: -31.806+/-0.522 χ^2/NDF :1482.8/4

All: -26.049+/-0.374 χ^2/NDF : 2065.0/8

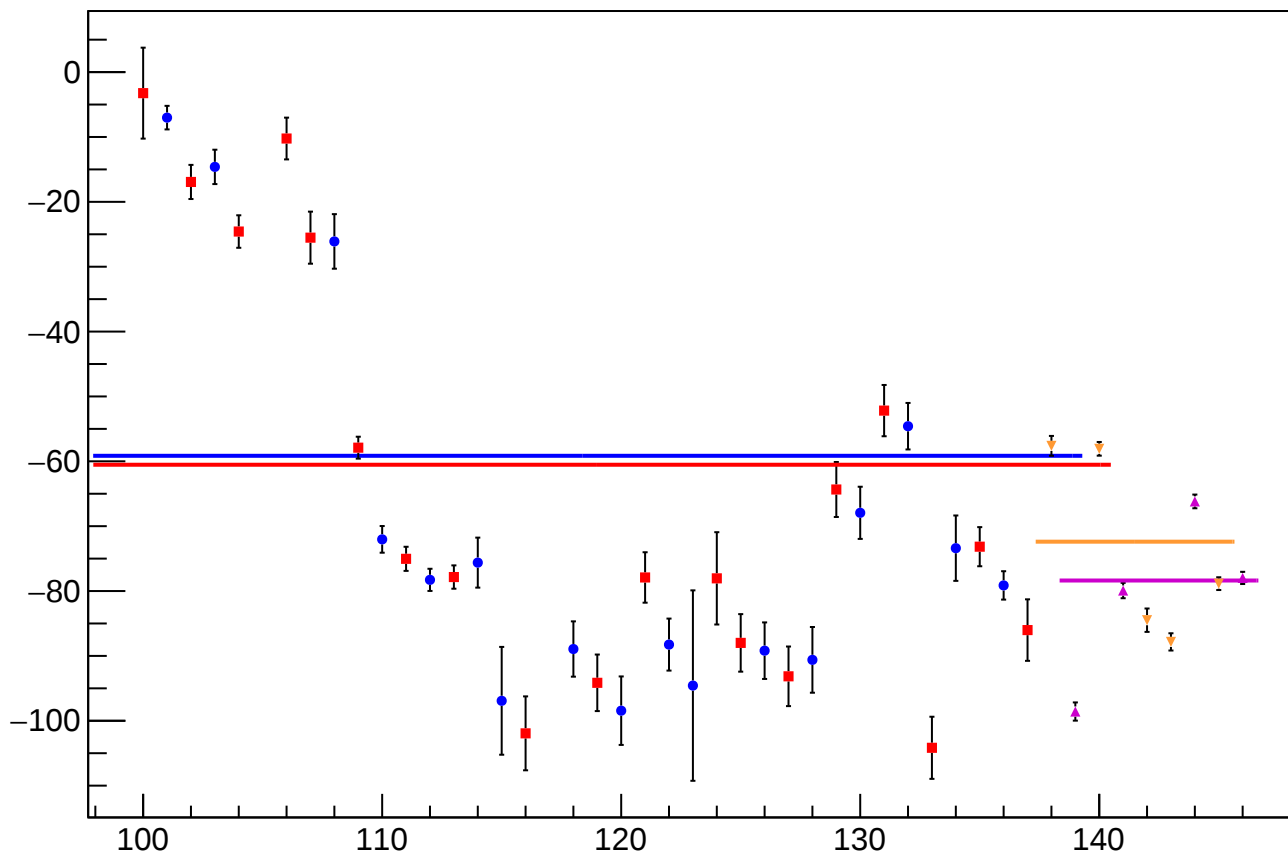
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$
 Left Out: -2.644 ± 0.408 $\chi^2/\text{NDF}: 806.5/4$
 Right Out: -5.932 ± 0.429 $\chi^2/\text{NDF}: 1294.2/18$
 Left In: -7.795 ± 0.394 $\chi^2/\text{NDF}: 864.4/3$

Left: -5.307 ± 0.283 $\chi^2/\text{NDF}: 1753.5/8$
 Right: -6.865 ± 0.303 $\chi^2/\text{NDF}: 2286.4/35$
 In: -7.795 ± 0.290 $\chi^2/\text{NDF}: 1847.1/20$
 Out: -4.204 ± 0.295 $\chi^2/\text{NDF}: 2131.7/23$
 All: -6.034 ± 0.207 $\chi^2/\text{NDF}: 4054.0/44$

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: -78.376 ± 0.555 $\chi^2/\text{NDF}: 341.6/3$

Left: -75.389 ± 0.393 $\chi^2/\text{NDF}: 900.0/8$

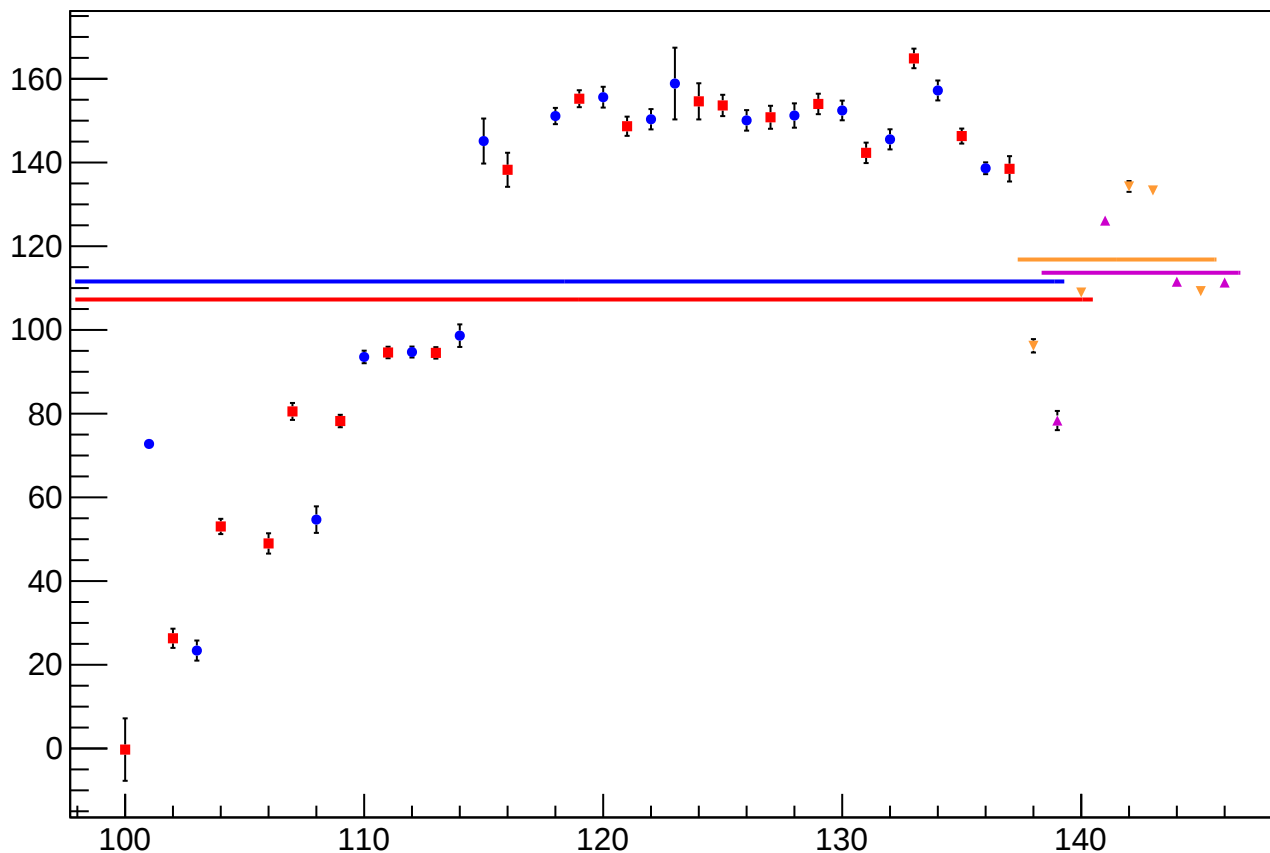
Right: -59.879 ± 0.512 $\chi^2/\text{NDF}: 3105.4/35$

In: -71.515 ± 0.445 $\chi^2/\text{NDF}: 2488.0/20$

Out: -67.832 ± 0.437 $\chi^2/\text{NDF}: 2060.3/23$

All: -69.637 ± 0.312 $\chi^2/\text{NDF}: 4583.2/44$

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: 113.663 $\pm$ 0.476 χ^2 /NDF: 423.5/3

Left: 115.220 $\pm$ 0.339 χ^2 /NDF: 1191.5/8

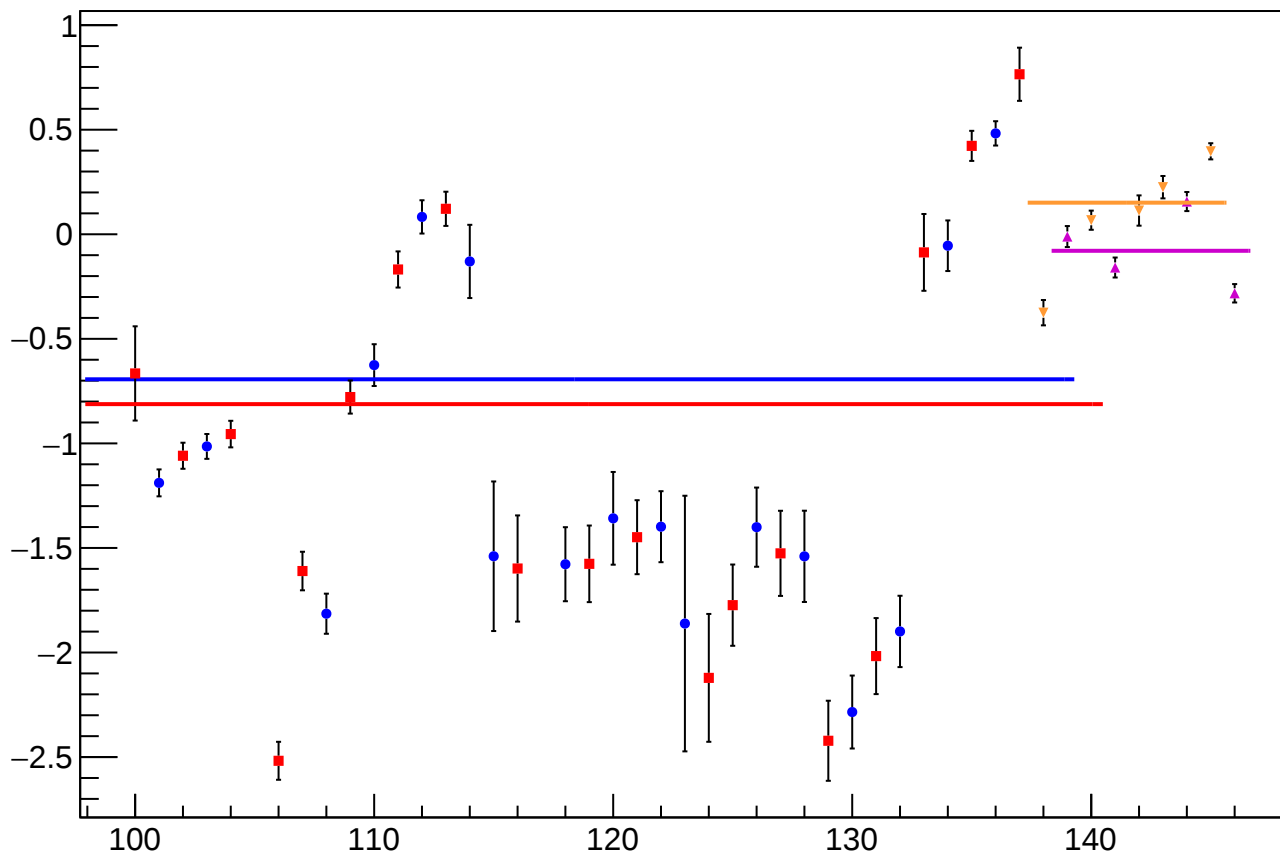
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 112.647 $\pm$ 0.340 χ^2 /NDF: 6378.8/20

Out: 112.095 $\pm$ 0.343 χ^2 /NDF: 7984.9/23

All: 112.373 $\pm$ 0.242 χ^2 /NDF: 14365.0/44

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: -0.079 ± 0.023 χ^2/NDF : 52.6/3

Left: 0.040 ± 0.016 χ^2/NDF : 224.2/8

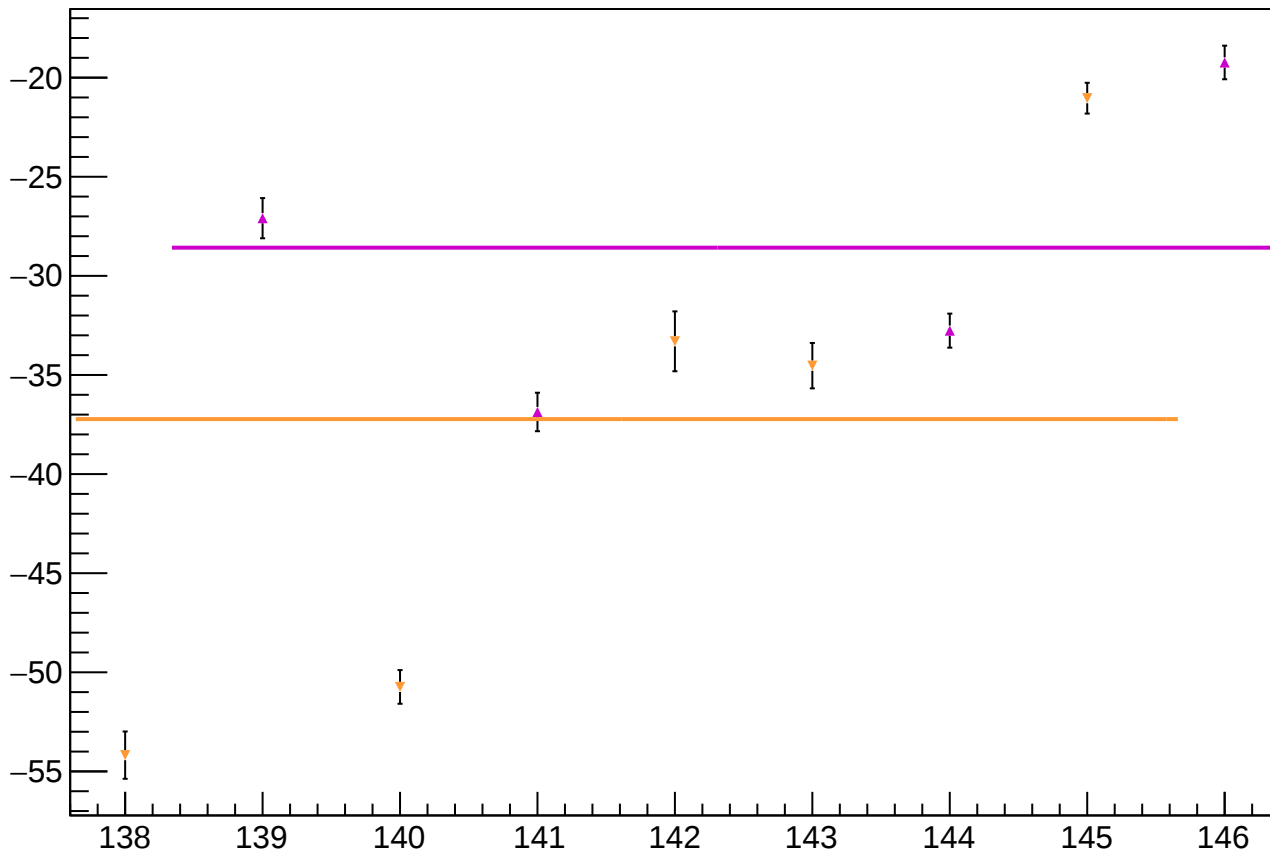
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.356 ± 0.017 χ^2/NDF : 1354.8/20

Out: -0.295 ± 0.017 χ^2/NDF : 2272.4/23

All: -0.324 ± 0.012 χ^2/NDF : 3633.7/44

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.226+/-0.450 χ^2/NDF : 901.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.577+/-0.457 χ^2/NDF : 220.4/3

Left: -32.973+/-0.321 χ^2/NDF : 1303.4/8

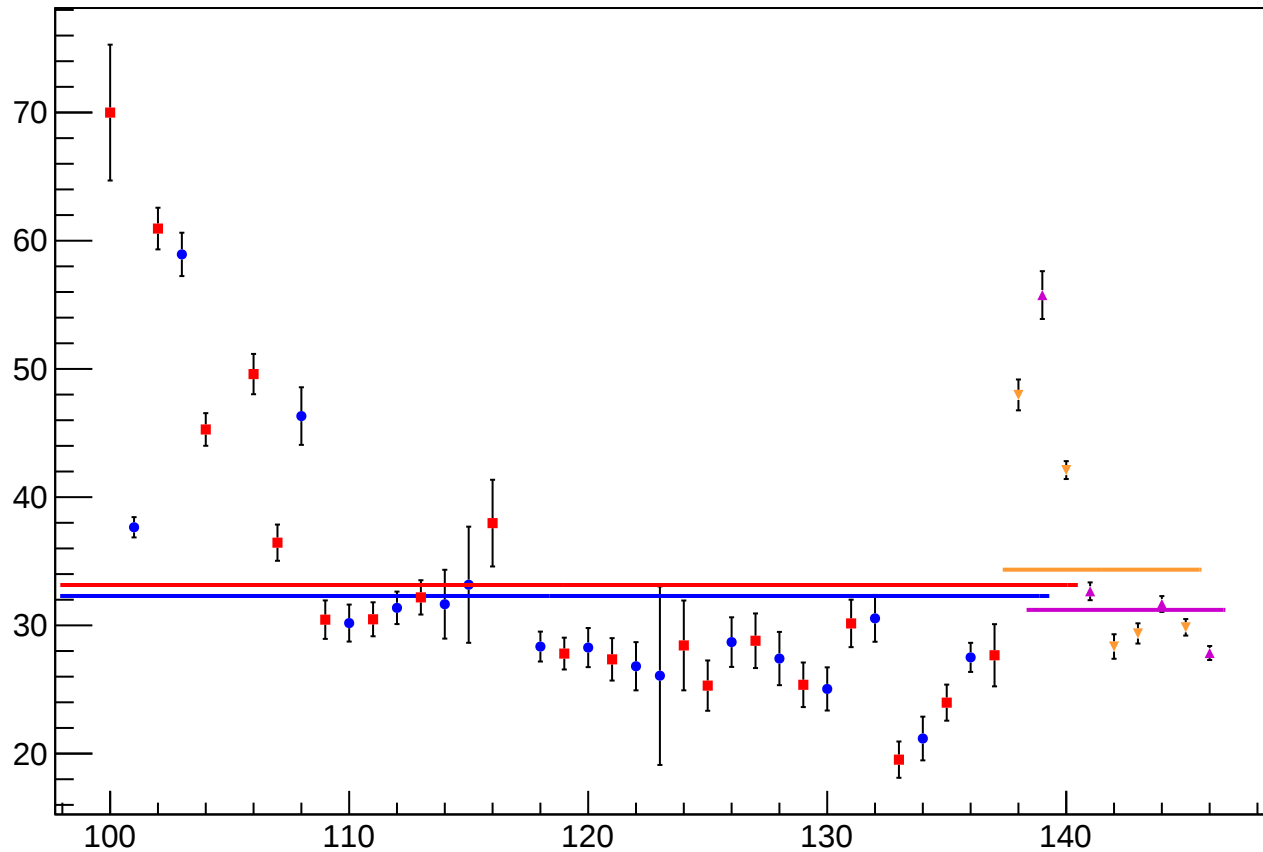
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.577+/-0.457 χ^2/NDF : 220.4/3

Out: -37.226+/-0.450 χ^2/NDF : 901.2/4

All: -32.973+/-0.321 χ^2/NDF : 1303.4/8

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 34.344+/-0.357 χ^2/NDF : 379.8/4

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 31.209+/-0.346 χ^2/NDF : 216.2/3

Left: 32.728+/-0.248 χ^2/NDF : 635.7/8

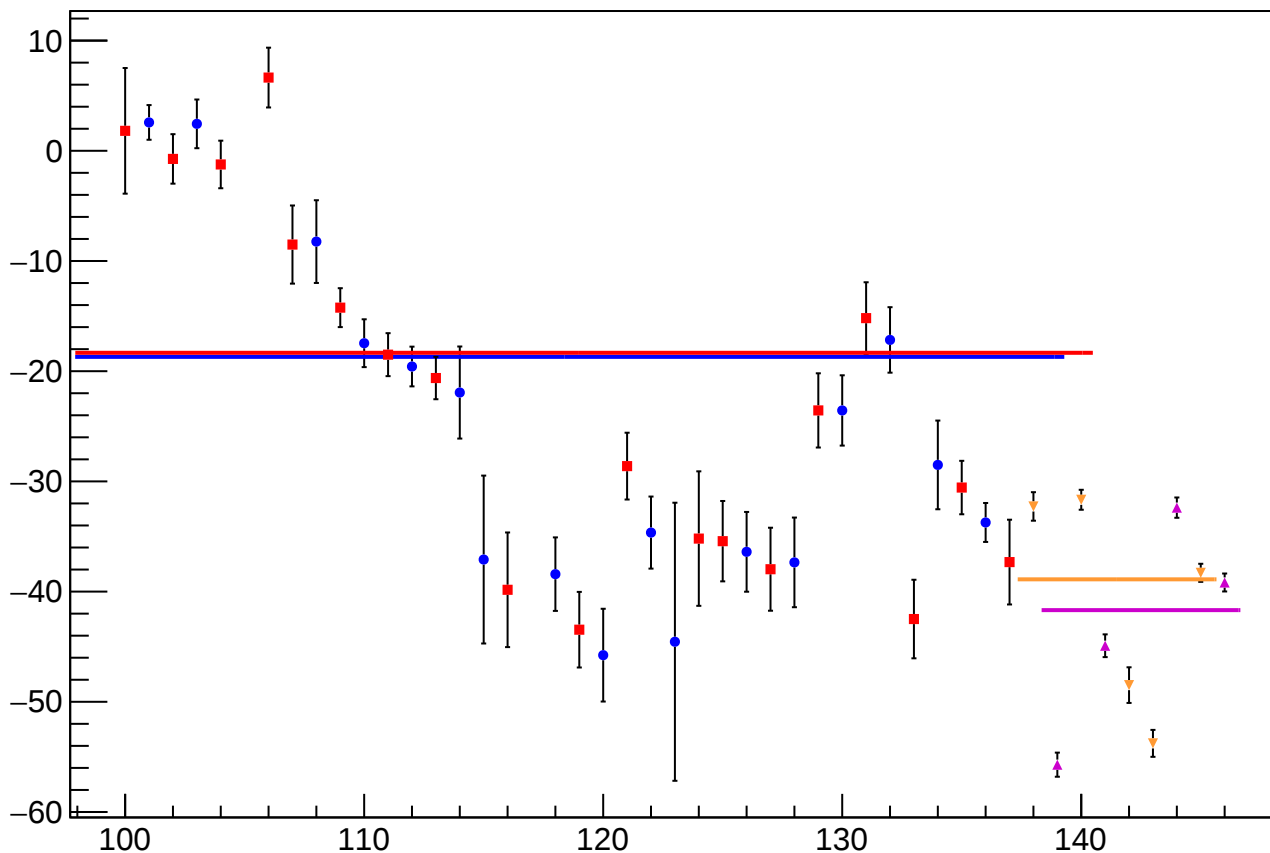
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 31.710+/-0.254 χ^2/NDF : 673.3/20

Out: 33.782+/-0.260 χ^2/NDF : 1157.7/23

All: 32.722+/-0.181 χ^2/NDF : 1863.5/44

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -38.888 ± 0.479 $\chi^2/\text{NDF}: 273.8/4$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -41.682 ± 0.473 $\chi^2/\text{NDF}: 285.6/3$

Left: -40.301 ± 0.337 $\chi^2/\text{NDF}: 576.7/8$

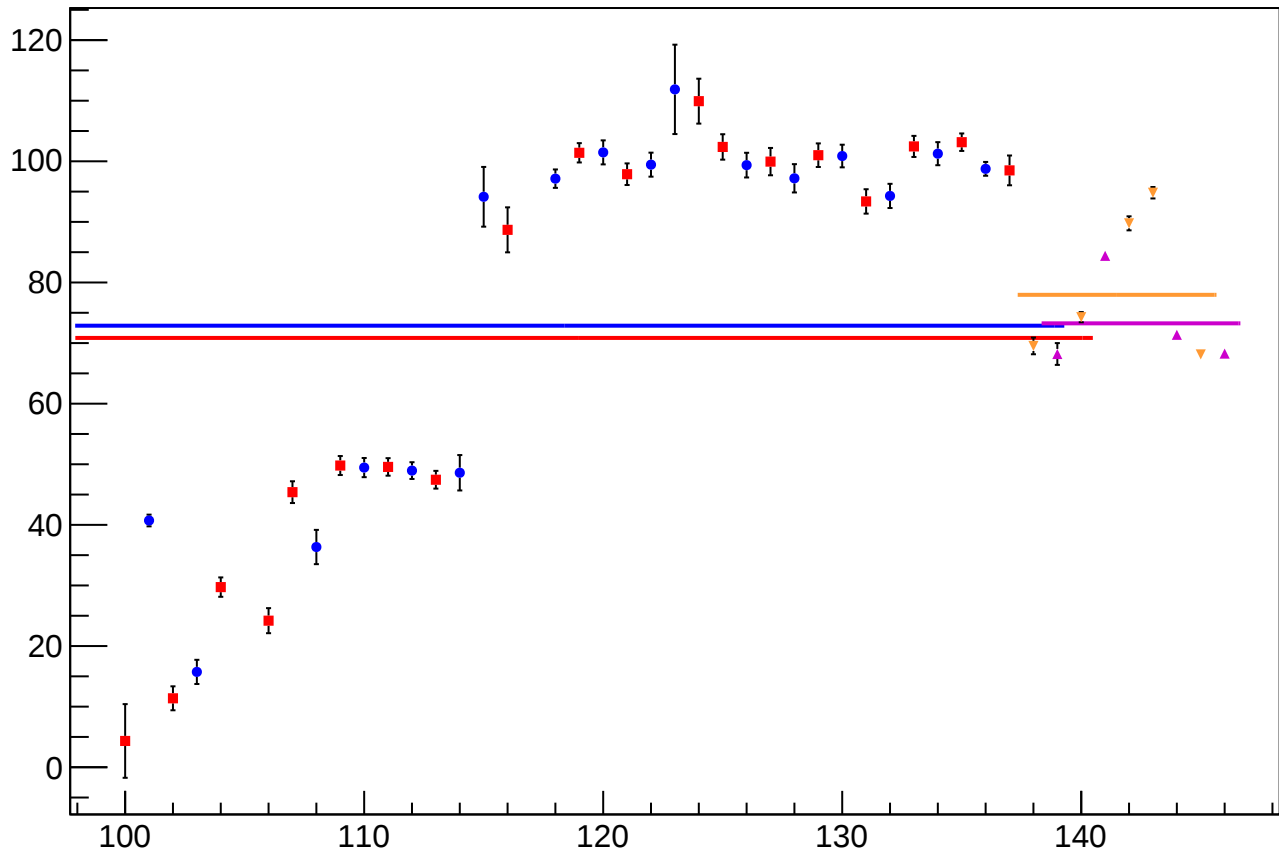
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -33.974 ± 0.386 $\chi^2/\text{NDF}: 1594.9/20$

Out: -31.555 ± 0.384 $\chi^2/\text{NDF}: 1404.5/23$

All: -32.759 ± 0.272 $\chi^2/\text{NDF}: 3019.2/44$

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: 73.257 $\pm$ 0.414 χ^2/NDF : 248.3/3

Left: 75.571 $\pm$ 0.295 χ^2/NDF : 966.6/8

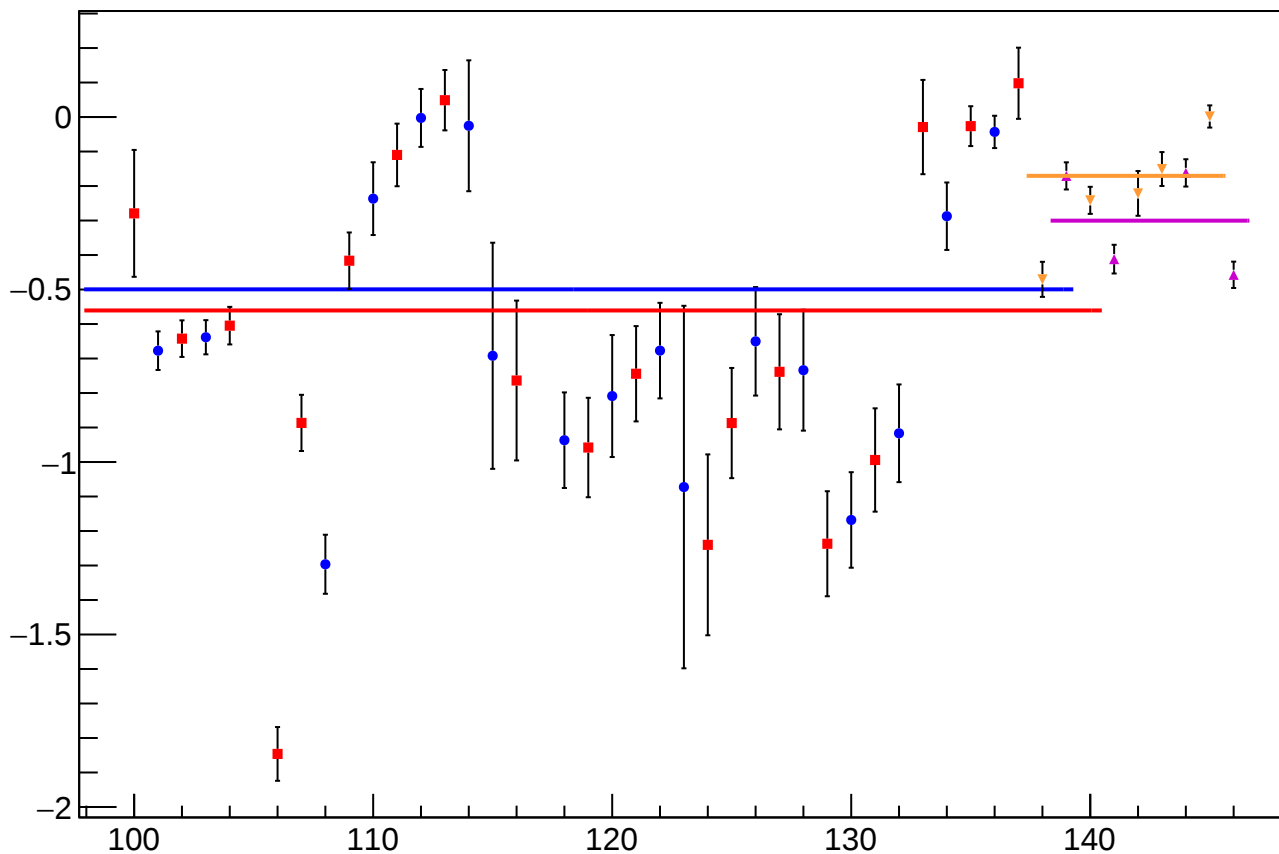
Right: 71.876 $\pm$ 0.304 χ^2/NDF : 10233.6/35

In: 73.069 $\pm$ 0.297 χ^2/NDF : 4975.8/20

Out: 74.505 $\pm$ 0.302 χ^2/NDF : 6289.0/23

All: 73.776 $\pm$ 0.212 χ^2/NDF : 11276.2/44

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: -0.300 ± 0.020 χ^2/NDF : 47.2/3

Left: -0.234 ± 0.014 χ^2/NDF : 136.6/8

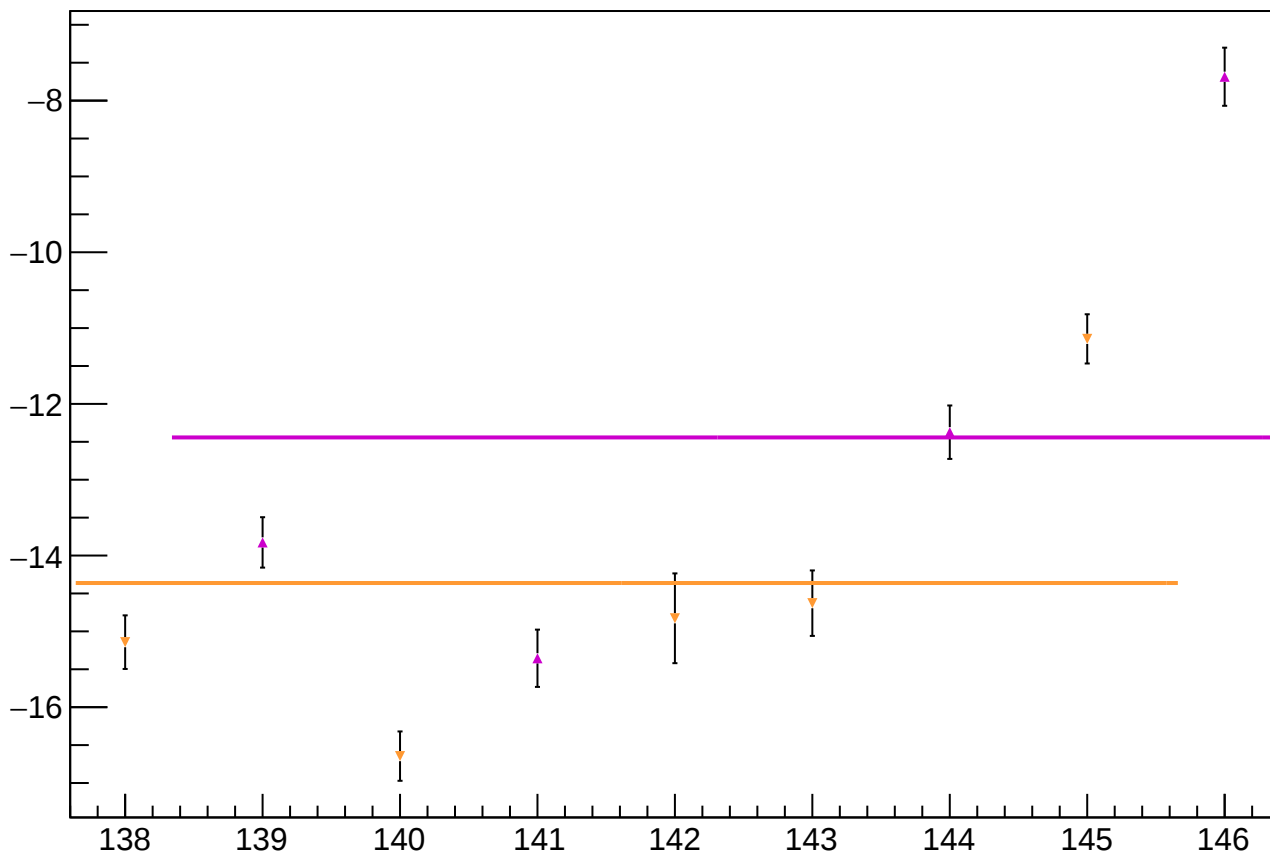
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.388 ± 0.015 χ^2/NDF : 394.3/20

Out: -0.347 ± 0.014 χ^2/NDF : 811.8/23

All: -0.367 ± 0.010 χ^2/NDF : 1210.1/44

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.362+/-0.169 χ^2/NDF :153.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.442+/-0.180 χ^2/NDF :230.9/3

Left: -13.464+/-0.123 χ^2/NDF : 445.0/8

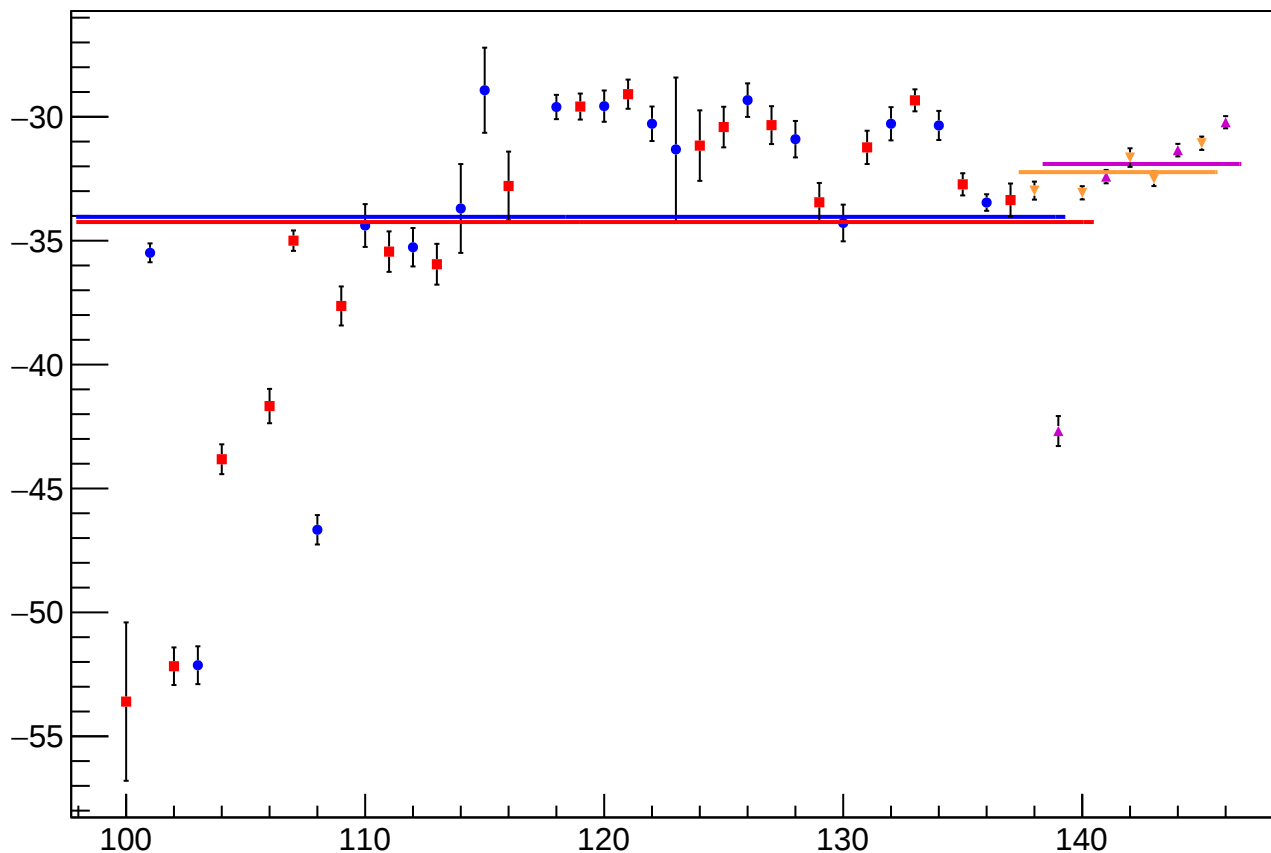
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.442+/-0.180 χ^2/NDF :230.9/3

Out: -14.362+/-0.169 χ^2/NDF :153.5/4

All: -13.464+/-0.123 χ^2/NDF : 445.0/8

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.233 ± 0.136 χ^2/NDF : 35.9/4

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -31.904 ± 0.144 χ^2/NDF : 372.0/3

Left: -32.077 ± 0.099 χ^2/NDF : 410.7/8

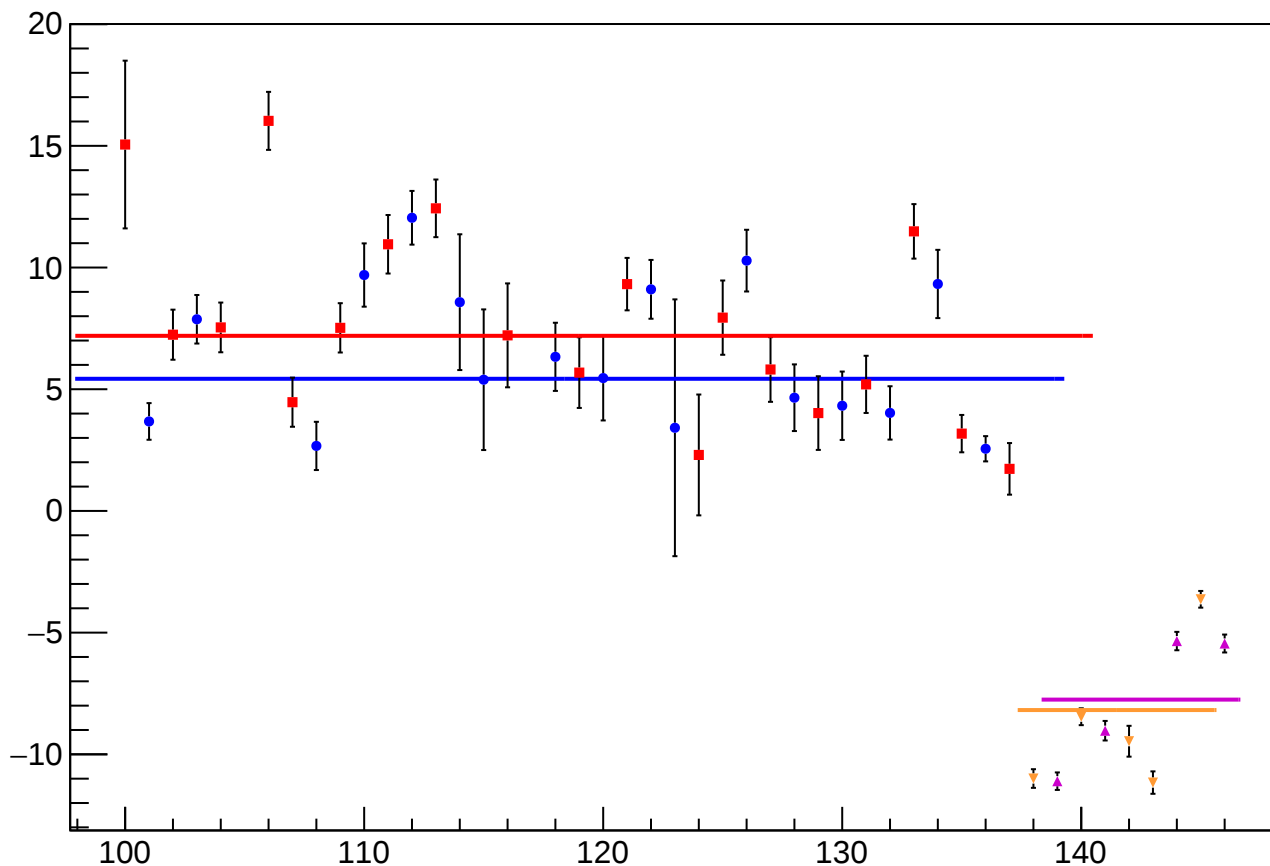
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -32.918 ± 0.104 χ^2/NDF : 1819.9/20

Out: -33.141 ± 0.101 χ^2/NDF : 1491.7/23

All: -33.033 ± 0.073 χ^2/NDF : 3313.9/44

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.181 ± 0.180 χ^2/NDF : 276.4/4

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -7.752 ± 0.188 χ^2/NDF : 176.9/3

Left: -7.976 ± 0.130 χ^2/NDF : 456.0/8

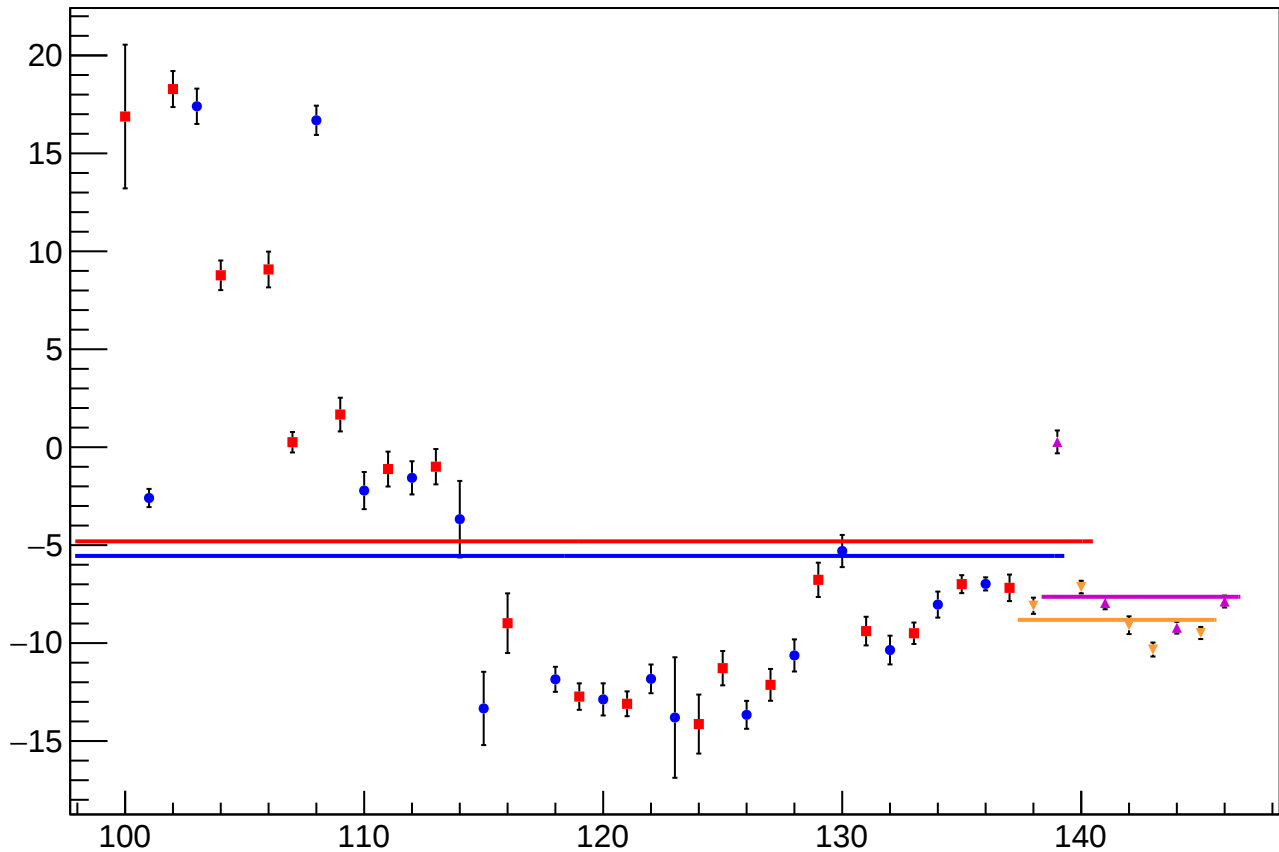
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -3.450 ± 0.154 χ^2/NDF : 1916.2/20

Out: -3.544 ± 0.151 χ^2/NDF : 2657.7/23

All: -3.498 ± 0.108 χ^2/NDF : 4574.1/44

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: -7.636 ± 0.171 χ^2/NDF : 213.1/3

Left: -8.260 ± 0.117 χ^2/NDF : 291.5/8

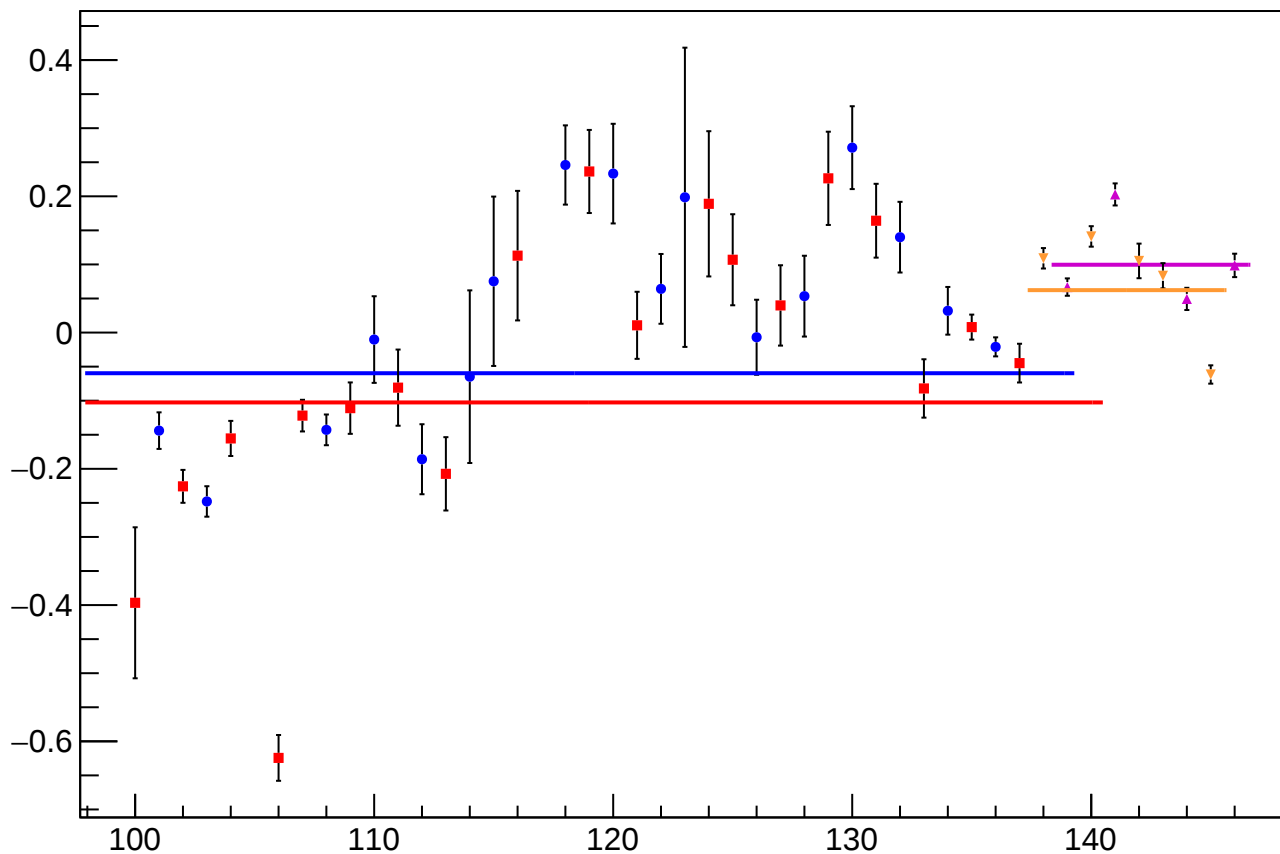
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -6.591 ± 0.120 χ^2/NDF : 2414.8/20

Out: -6.953 ± 0.118 χ^2/NDF : 2389.9/23

All: -6.776 ± 0.084 χ^2/NDF : 4809.3/44

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 ± 0.008 χ^2/NDF : 56.7/3

Left: 0.080 ± 0.005 χ^2/NDF : 195.4/8

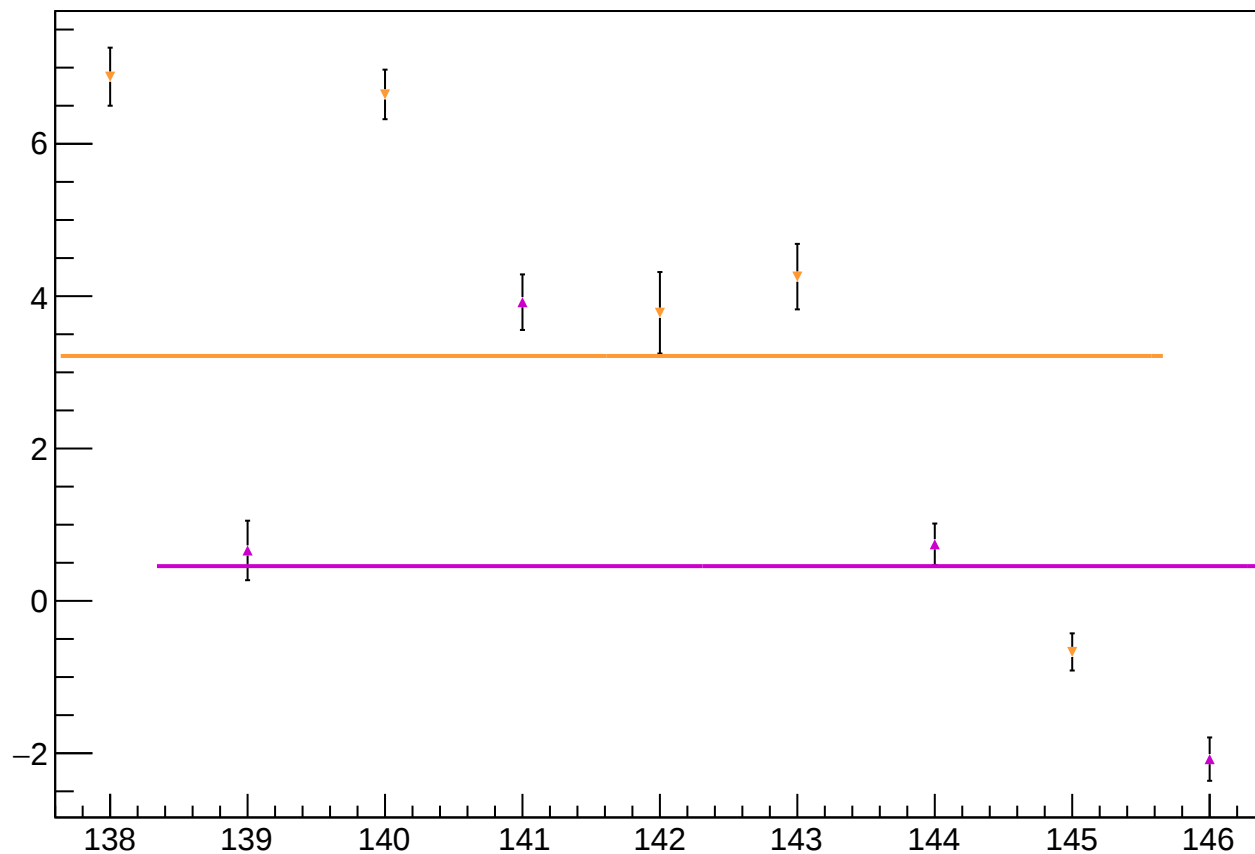
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.027 ± 0.006 χ^2/NDF : 470.0/20

Out: -0.008 ± 0.006 χ^2/NDF : 781.0/23

All: 0.009 ± 0.004 χ^2/NDF : 1271.3/44

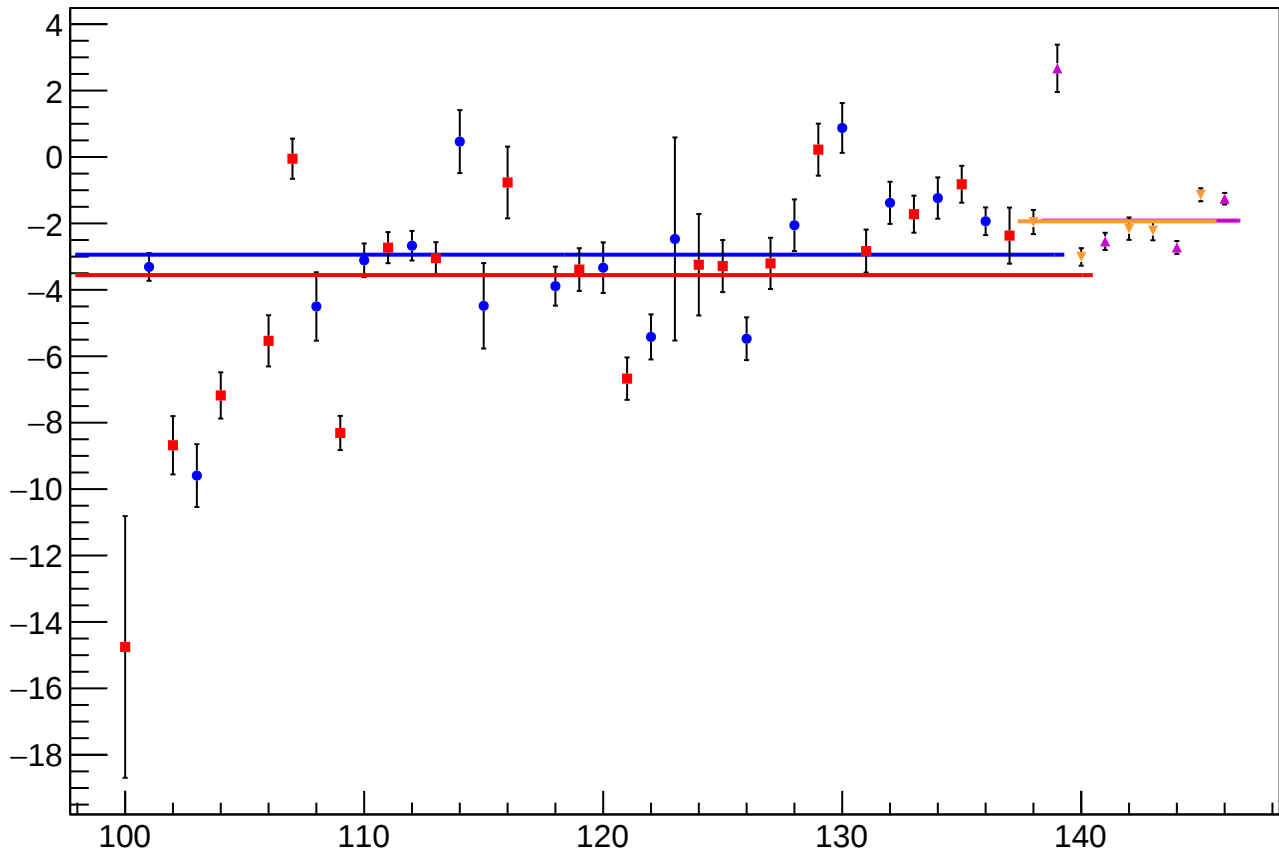
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.215 $\pm$ 0.154 χ^2 /NDF:464.8/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3

Left: 1.871 $\pm$ 0.110 χ^2 /NDF: 791.7/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3
 Out: 3.215 $\pm$ 0.154 χ^2 /NDF:464.8/4
 All: 1.871 $\pm$ 0.110 χ^2 /NDF: 791.7/8

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.937 ± 0.121 χ^2/NDF : 34.4/4

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.916 ± 0.115 χ^2/NDF : 78.7/3

Left: -1.926 ± 0.083 χ^2/NDF : 113.1/8

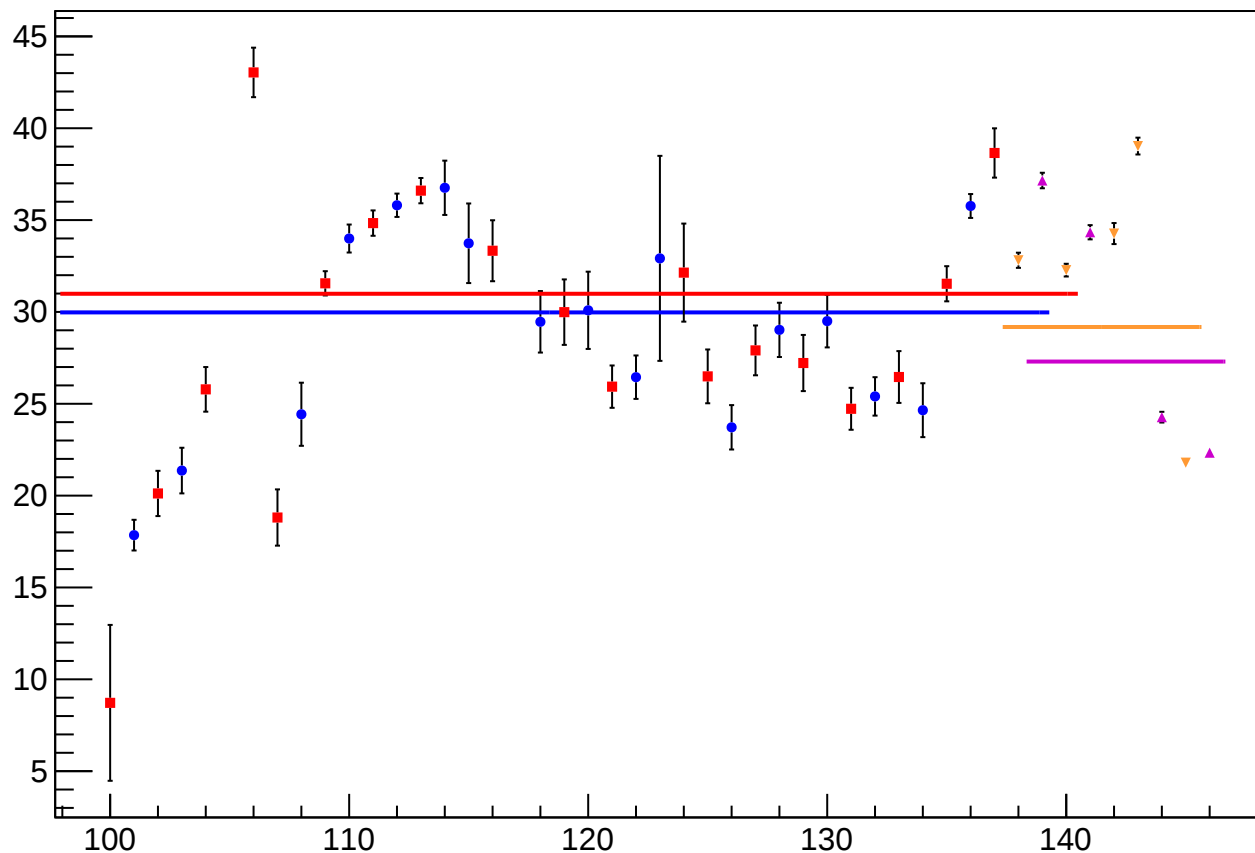
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.281 ± 0.092 χ^2/NDF : 252.8/20

Out: -2.552 ± 0.095 χ^2/NDF : 394.1/23

All: -2.412 ± 0.066 χ^2/NDF : 651.0/44

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: 27.298 $\pm$ 0.163 χ^2 /NDF:1312.7/3

Left: 28.231 $\pm$ 0.116 χ^2 /NDF: 2885.0/8

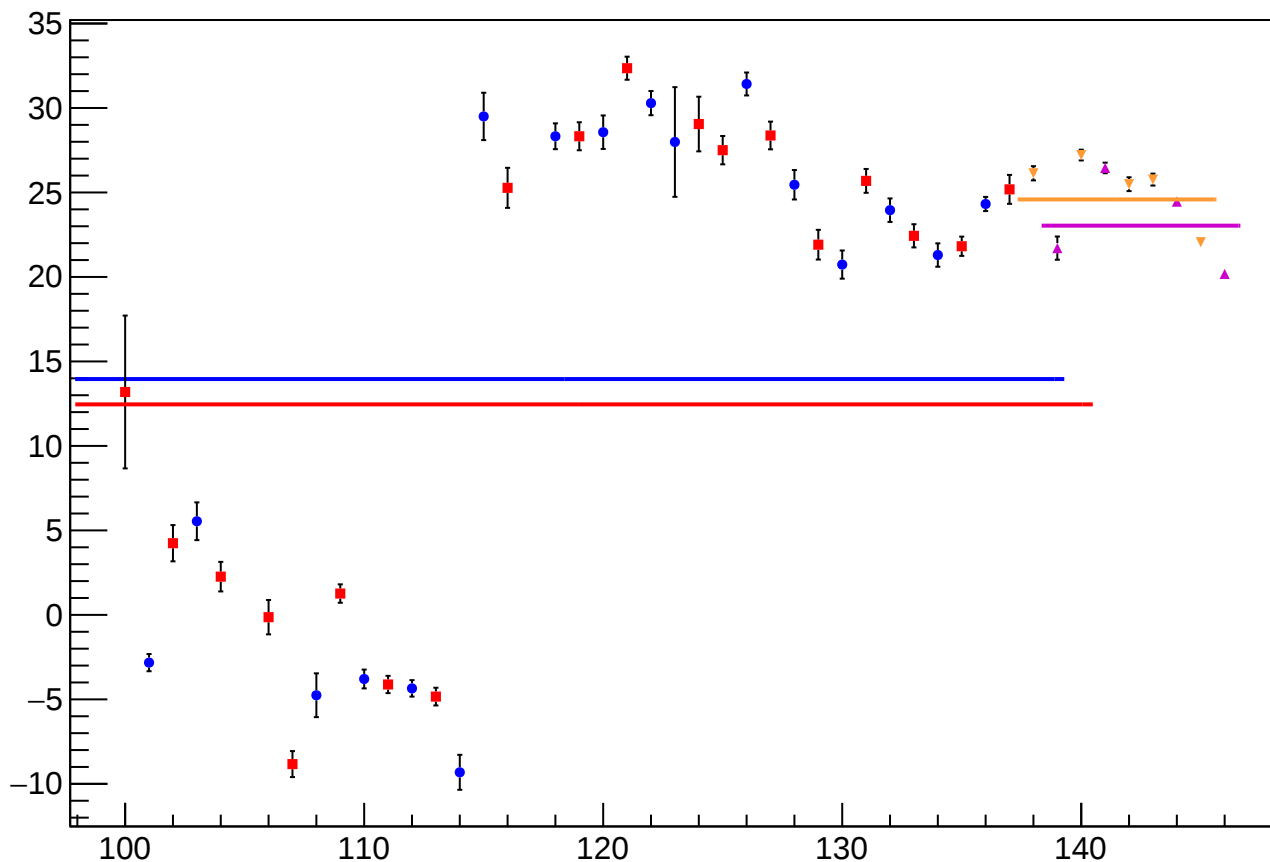
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 28.027 $\pm$ 0.139 χ^2 /NDF:1939.6/20

Out: 29.698 $\pm$ 0.139 χ^2 /NDF:2022.2/23

All: 28.864 $\pm$ 0.098 χ^2 /NDF: 4033.7/44

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: 23.036 $\pm$ 0.139 χ^2 /NDF:330.4/3

Left: 23.788 $\pm$ 0.100 χ^2 /NDF: 612.5/8

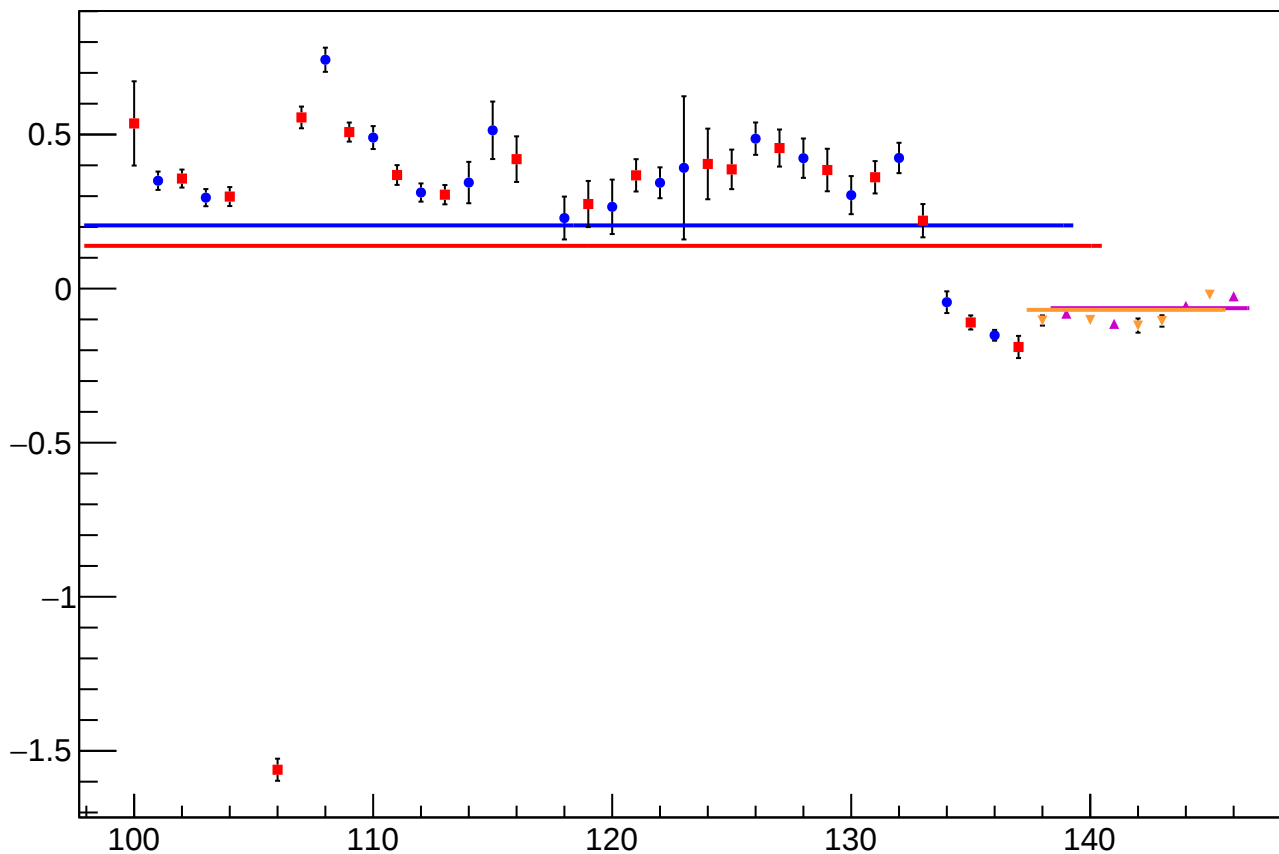
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.462 $\pm$ 0.108 χ^2 /NDF:9362.7/20

Out: 19.682 $\pm$ 0.110 χ^2 /NDF:10108.4/23

All: 19.570 $\pm$ 0.077 χ^2 /NDF: 19473.2/44

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: -0.064+/-0.007 χ^2/NDF : 21.5/3

Left: -0.066+/-0.005 χ^2/NDF : 63.0/8

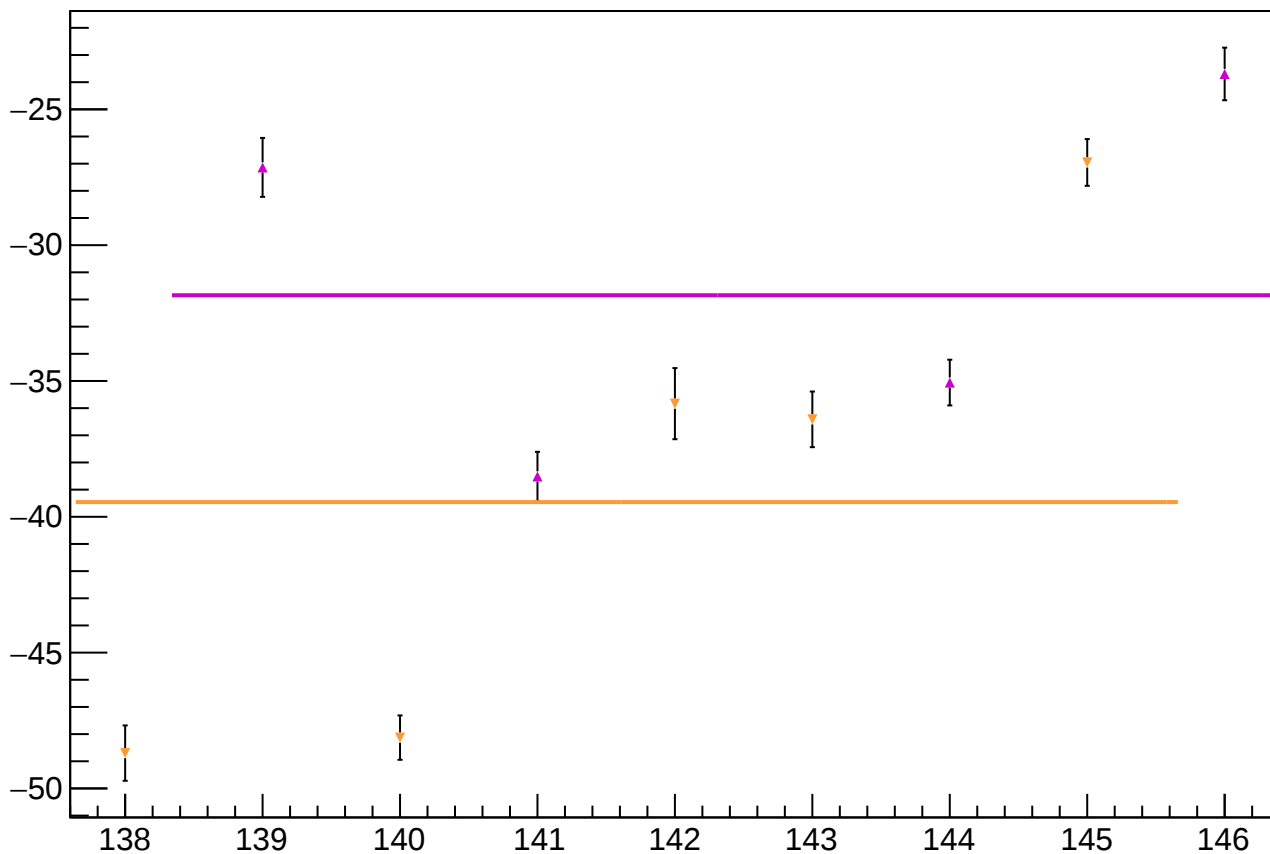
Right: 0.171+/-0.007 χ^2/NDF : 3888.5/35

In: 0.031+/-0.006 χ^2/NDF : 1401.4/20

Out: 0.002+/-0.005 χ^2/NDF : 3392.3/23

All: 0.016+/-0.004 χ^2/NDF : 4806.9/44

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.459+/-0.432 χ^2/NDF :422.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.843+/-0.469 χ^2/NDF :158.7/3

Left: -35.957+/-0.318 χ^2/NDF : 723.9/8

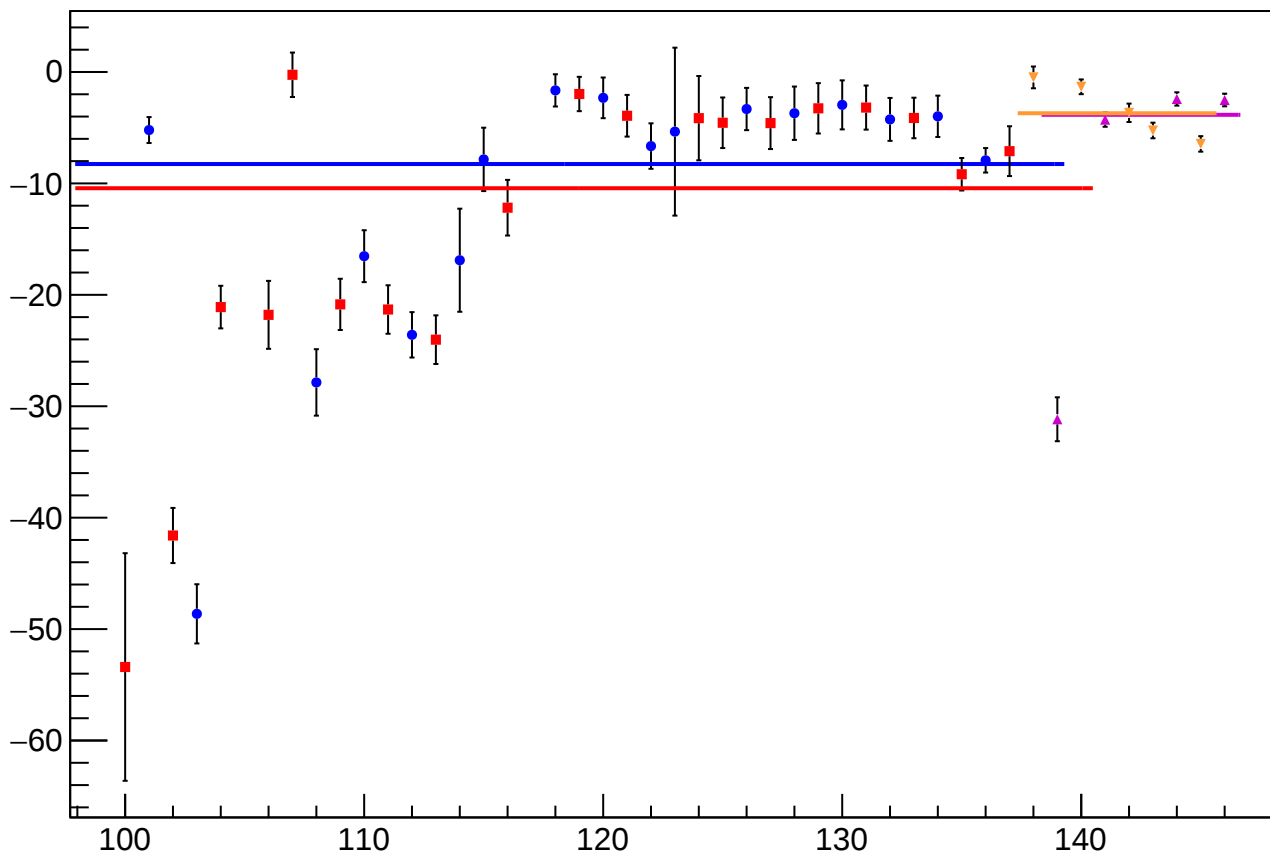
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.843+/-0.469 χ^2/NDF :158.7/3

Out: -39.459+/-0.432 χ^2/NDF :422.5/4

All: -35.957+/-0.318 χ^2/NDF : 723.9/8

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 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: -3.843 ± 0.341 χ^2/NDF : 203.9/3

Left: -3.772 ± 0.239 χ^2/NDF : 248.2/8

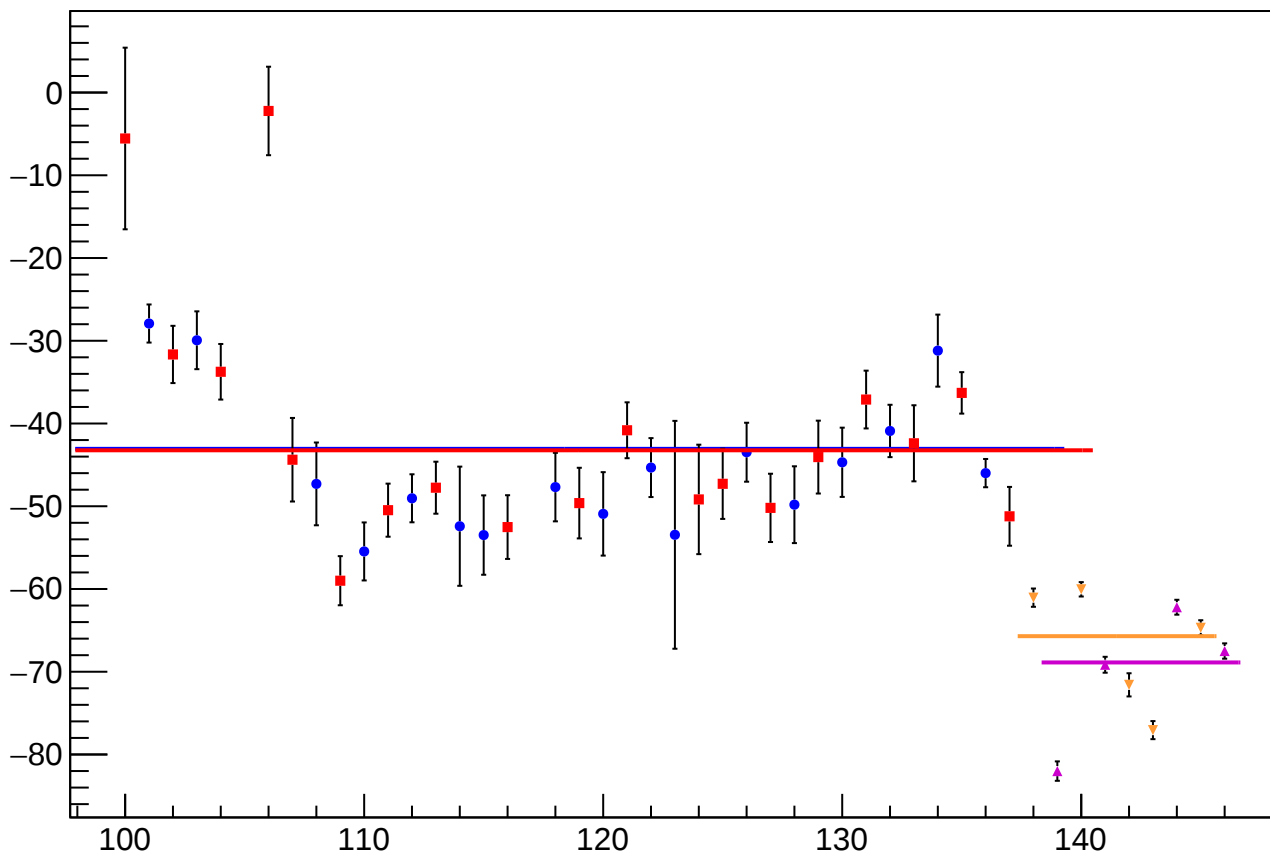
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.400 ± 0.275 χ^2/NDF : 674.9/20

Out: -5.843 ± 0.277 χ^2/NDF : 601.3/23

All: -5.620 ± 0.195 χ^2/NDF : 1277.4/44

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: -68.877 ± 0.488 $\chi^2/\text{NDF}: 182.4/3$

Left: -67.204 ± 0.335 $\chi^2/\text{NDF}: 391.9/8$

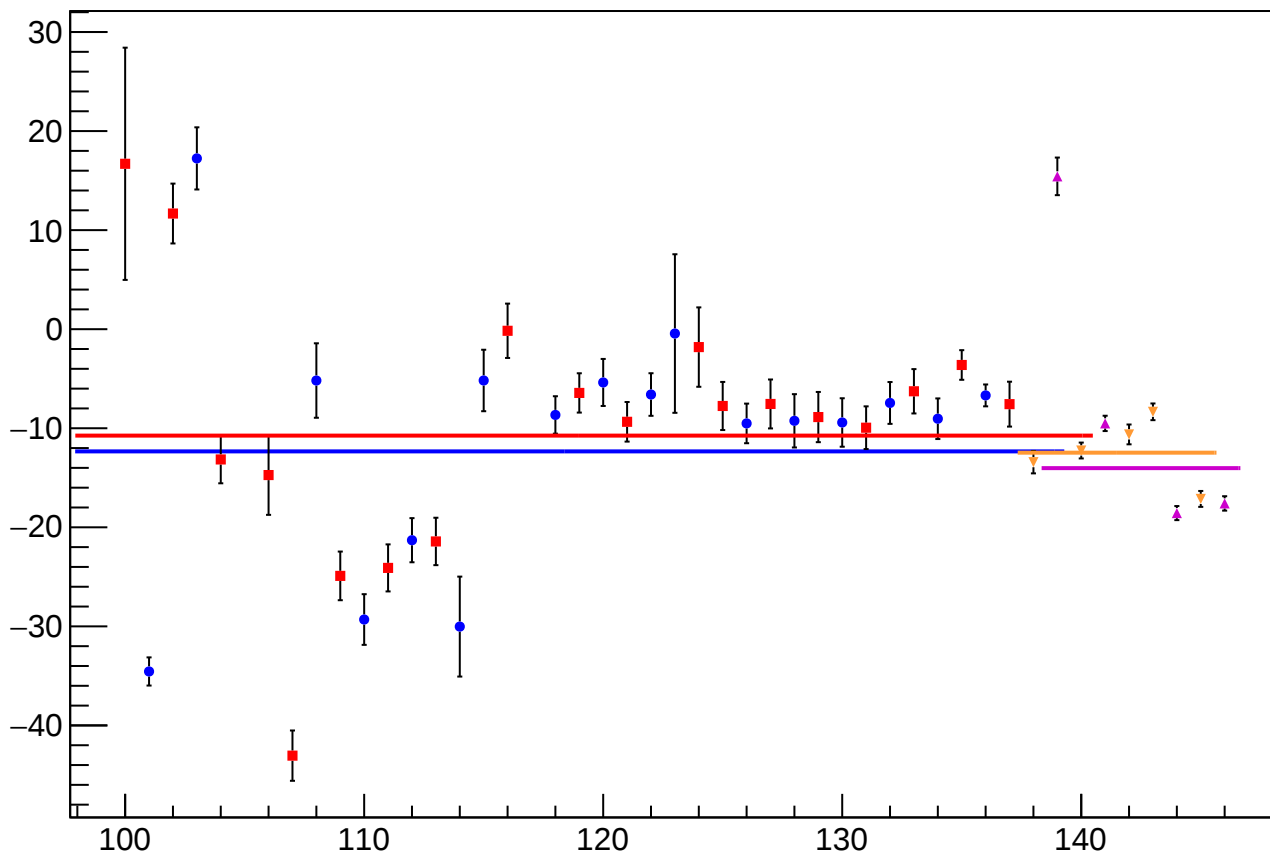
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -62.318 ± 0.421 $\chi^2/\text{NDF}: 993.7/20$

Out: -60.727 ± 0.408 $\chi^2/\text{NDF}: 865.2/23$

All: -61.496 ± 0.293 $\chi^2/\text{NDF}: 1866.3/44$

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: -14.026 ± 0.414 χ^2/NDF : 339.7/3

Left: -13.215 ± 0.287 χ^2/NDF : 409.1/8

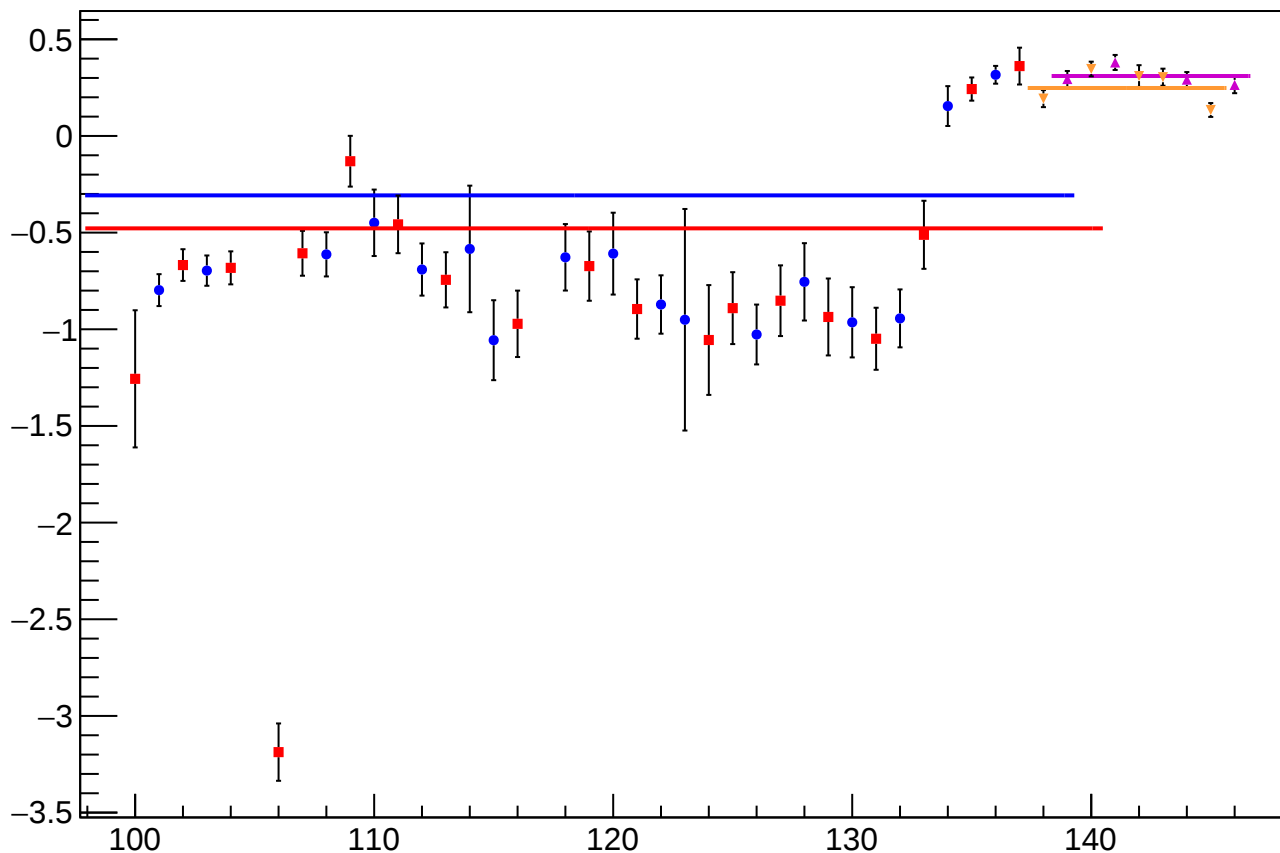
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -13.370 ± 0.324 χ^2/NDF : 821.3/20

Out: -11.877 ± 0.323 χ^2/NDF : 435.3/23

All: -12.622 ± 0.229 χ^2/NDF : 1267.2/44

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: 0.310 ± 0.020 χ^2/NDF : 4.8/3

Left: 0.277 ± 0.014 χ^2/NDF : 31.0/8

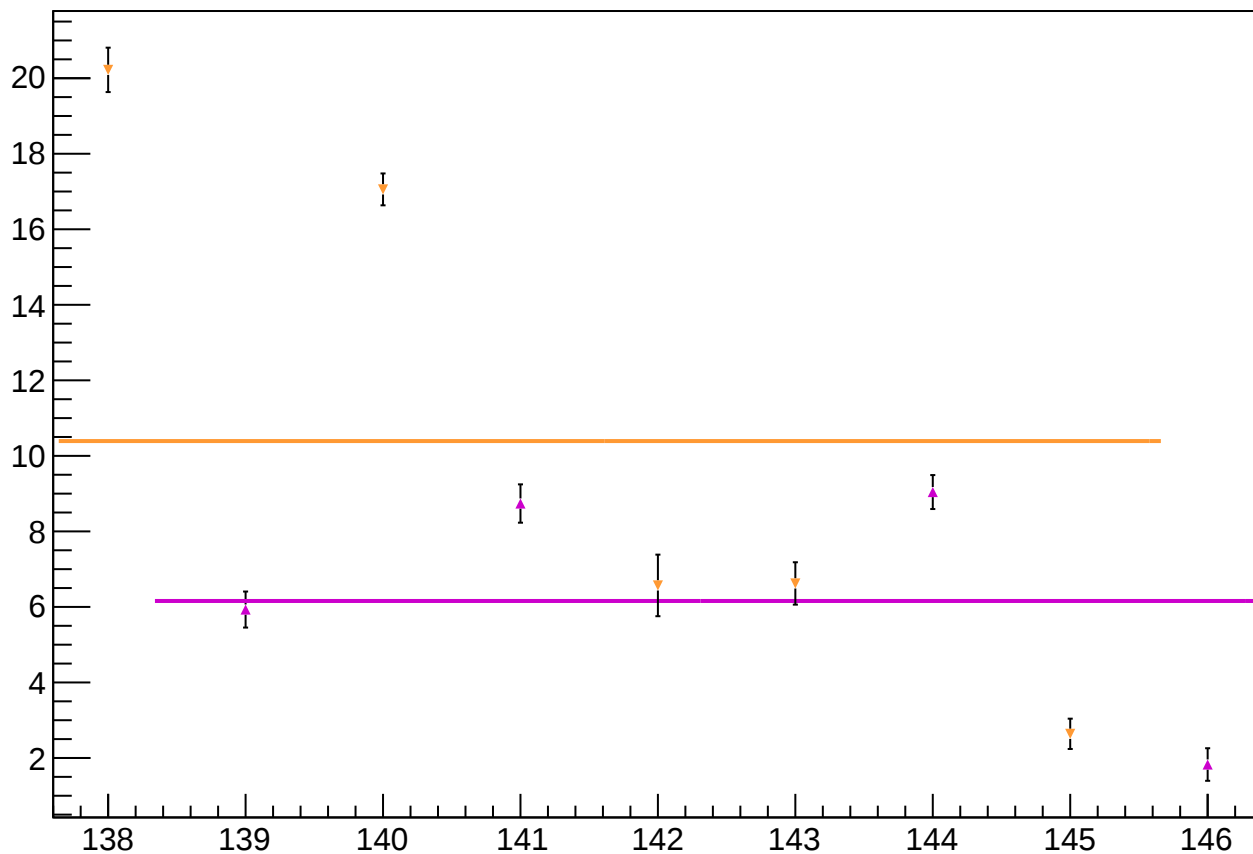
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.093 ± 0.016 χ^2/NDF : 703.2/20

Out: 0.028 ± 0.016 χ^2/NDF : 1103.7/23

All: 0.059 ± 0.011 χ^2/NDF : 1815.3/44

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.392+/-0.227 χ^2/NDF :969.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.157+/-0.232 χ^2/NDF :168.1/3

Left: 8.319+/-0.162 χ^2/NDF : 1307.6/8

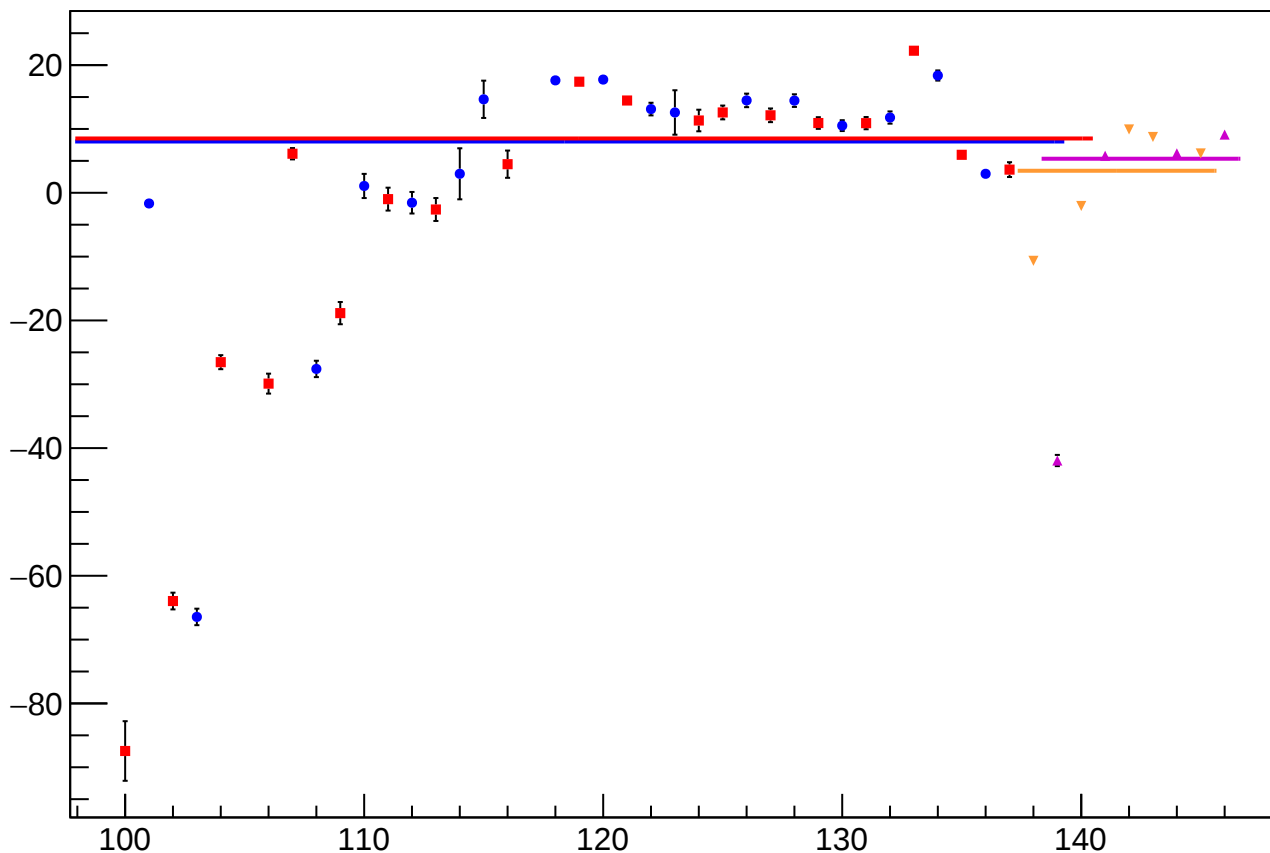
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.157+/-0.232 χ^2/NDF :168.1/3

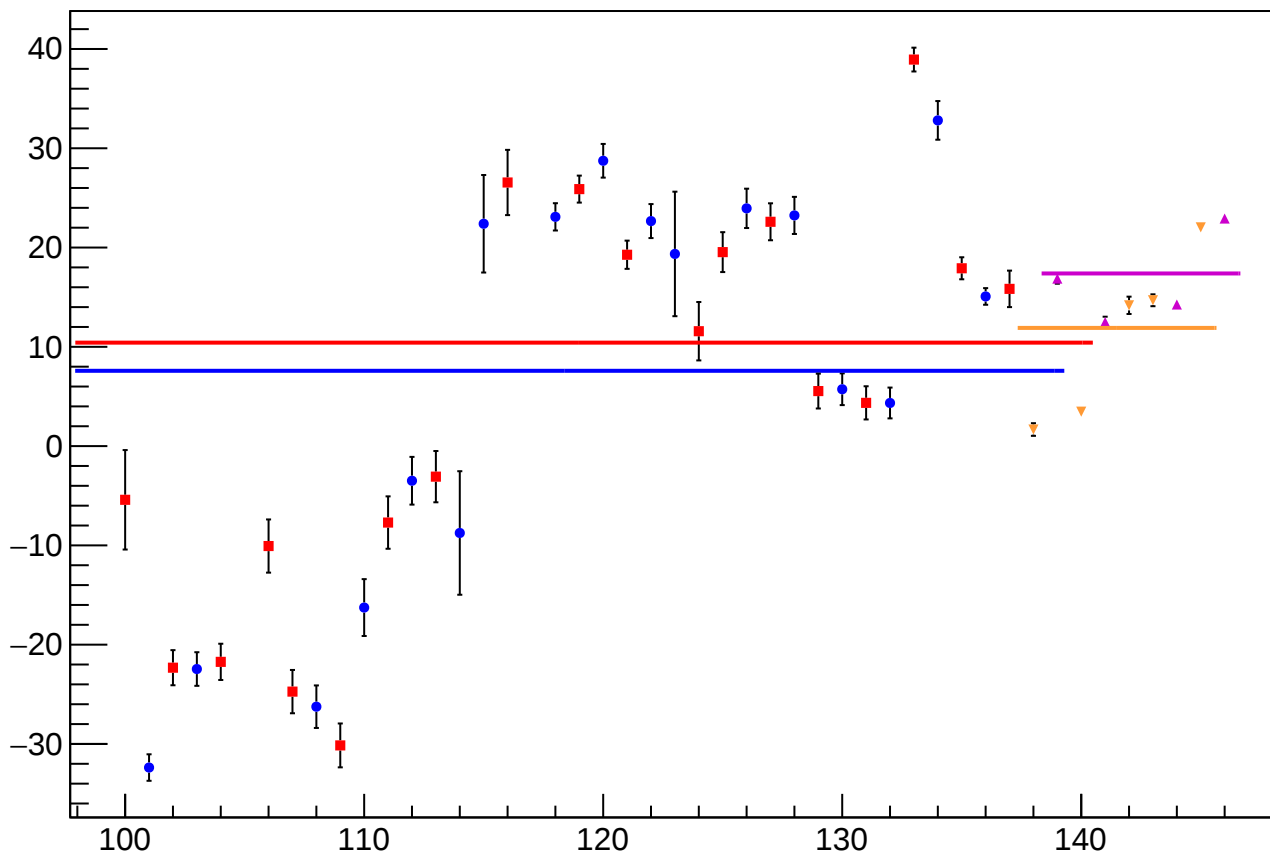
Out: 10.392+/-0.227 χ^2/NDF :969.3/4

All: 8.319+/-0.162 χ^2/NDF : 1307.6/8

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 17.390 ± 0.240 χ^2/NDF : 303.6/3

Left: 14.670 ± 0.171 χ^2/NDF : 1769.2/8

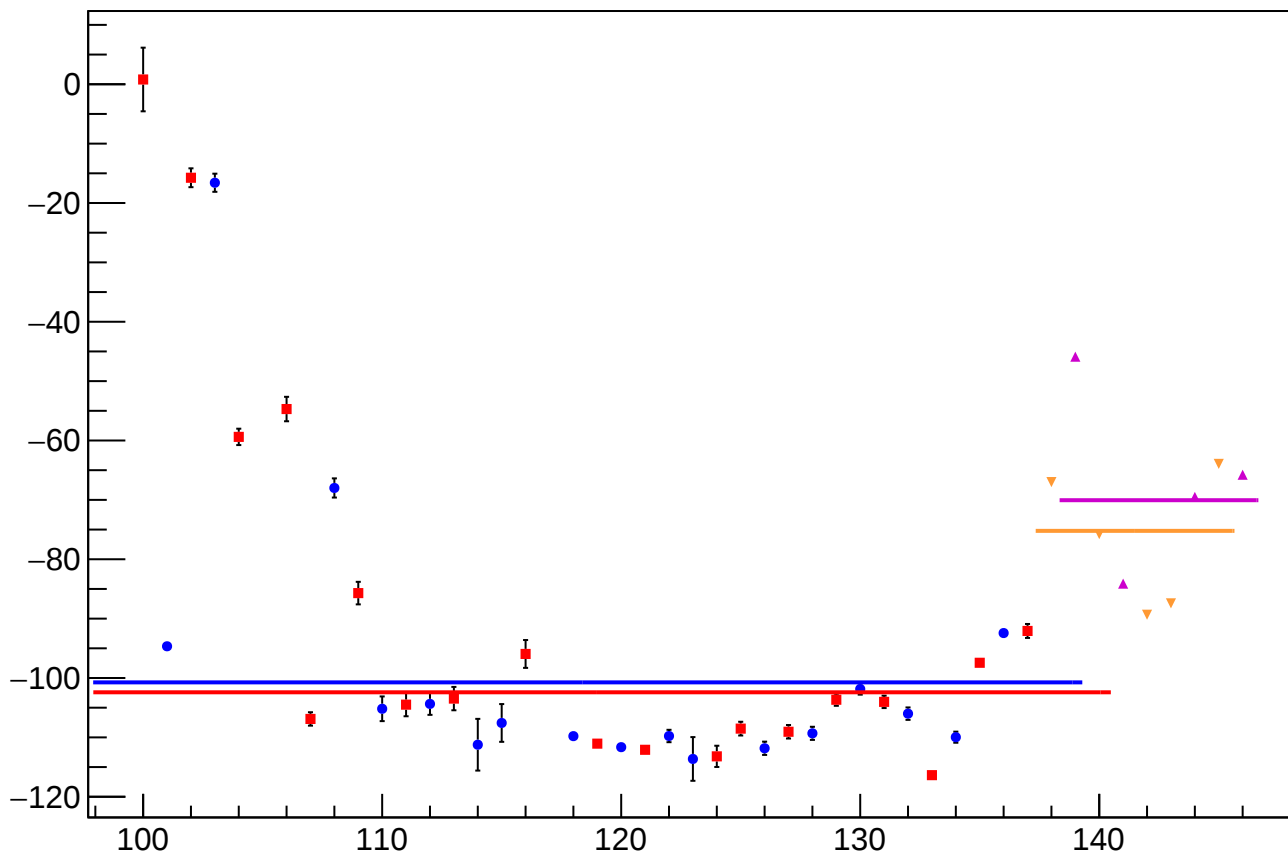
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 14.941 ± 0.208 χ^2/NDF : 3042.5/20

Out: 11.530 ± 0.209 χ^2/NDF : 3506.1/23

All: 13.246 ± 0.148 χ^2/NDF : 6682.2/44

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: -70.055 ± 0.213 χ^2/NDF : 2009.0/3

Left: -72.633 ± 0.151 χ^2/NDF : 4540.1/8

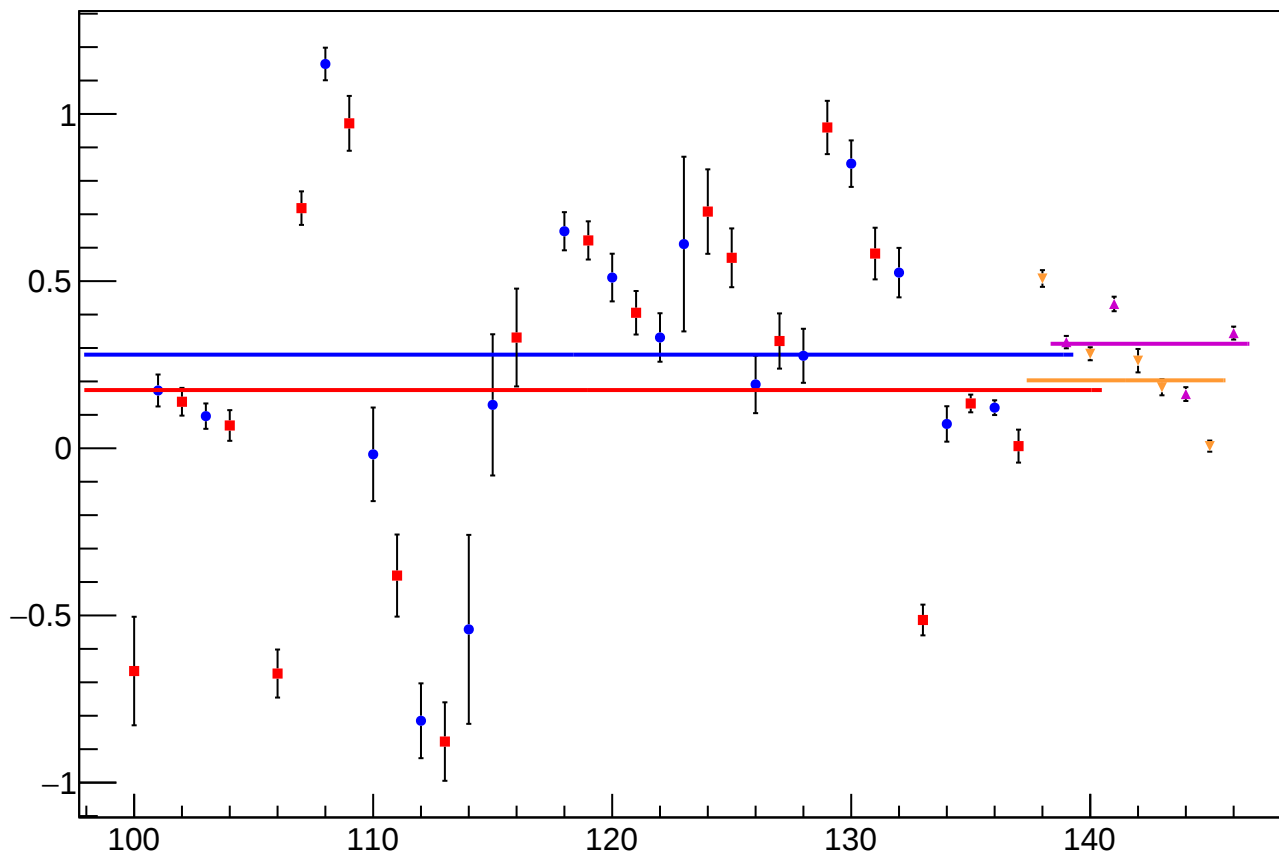
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -83.068 ± 0.162 χ^2/NDF : 15321.2/20

Out: -86.899 ± 0.161 χ^2/NDF : 15302.6/23

All: -84.990 ± 0.114 χ^2/NDF : 30905.4/44

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: 0.313 $\pm$ 0.010 χ^2 /NDF:85.5/3

Left: 0.257 $\pm$ 0.007 χ^2 /NDF: 454.4/8

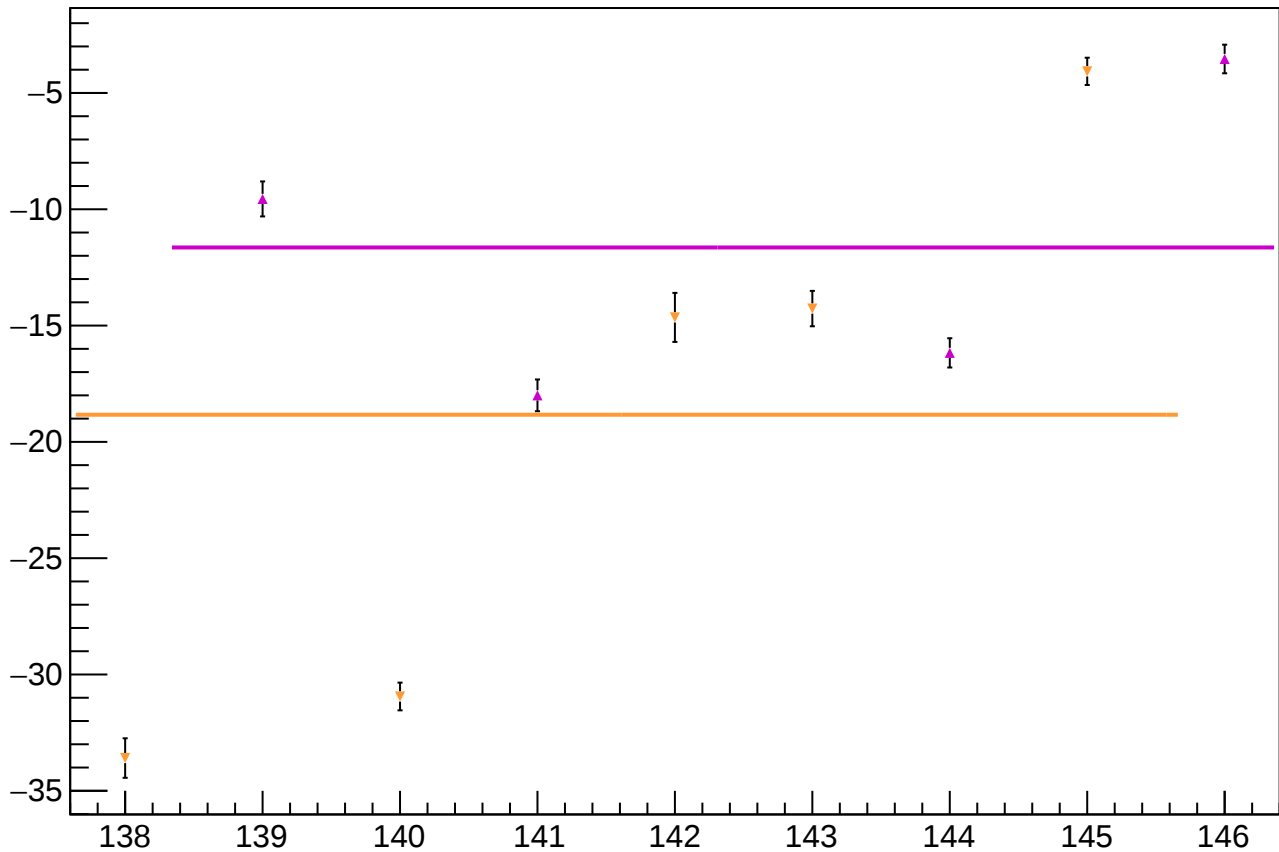
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1651.4/35

In: 0.301 $\pm$ 0.008 χ^2 /NDF:745.7/20

Out: 0.193 $\pm$ 0.008 χ^2 /NDF:1275.1/23

All: 0.246 $\pm$ 0.006 χ^2 /NDF: 2112.2/44

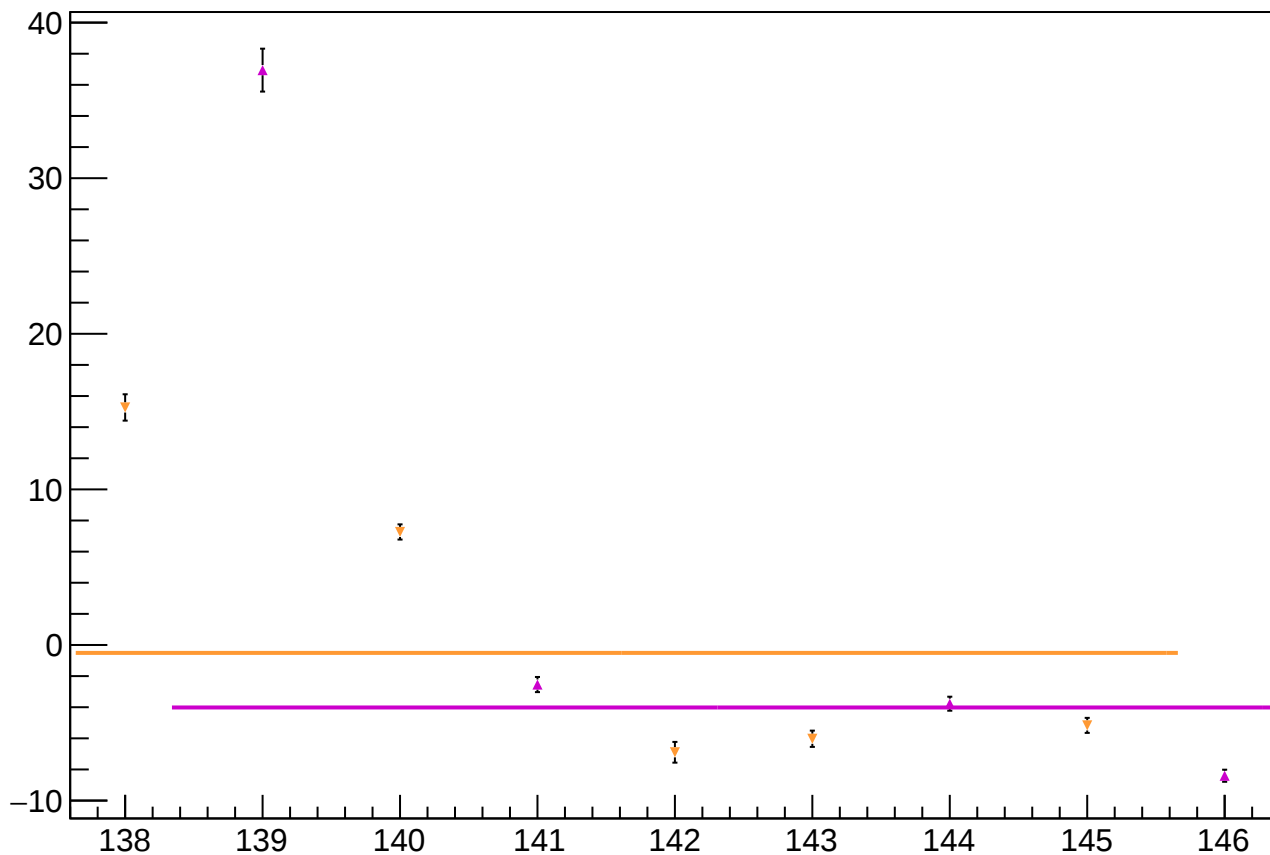
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.833+/-0.320 χ^2/NDF :1399.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.642+/-0.332 χ^2/NDF :319.6/3

Left: -15.363+/-0.231 χ^2/NDF : 1962.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.642+/-0.332 χ^2/NDF :319.6/3
 Out: -18.833+/-0.320 χ^2/NDF :1399.9/4
 All: -15.363+/-0.231 χ^2/NDF : 1962.4/8

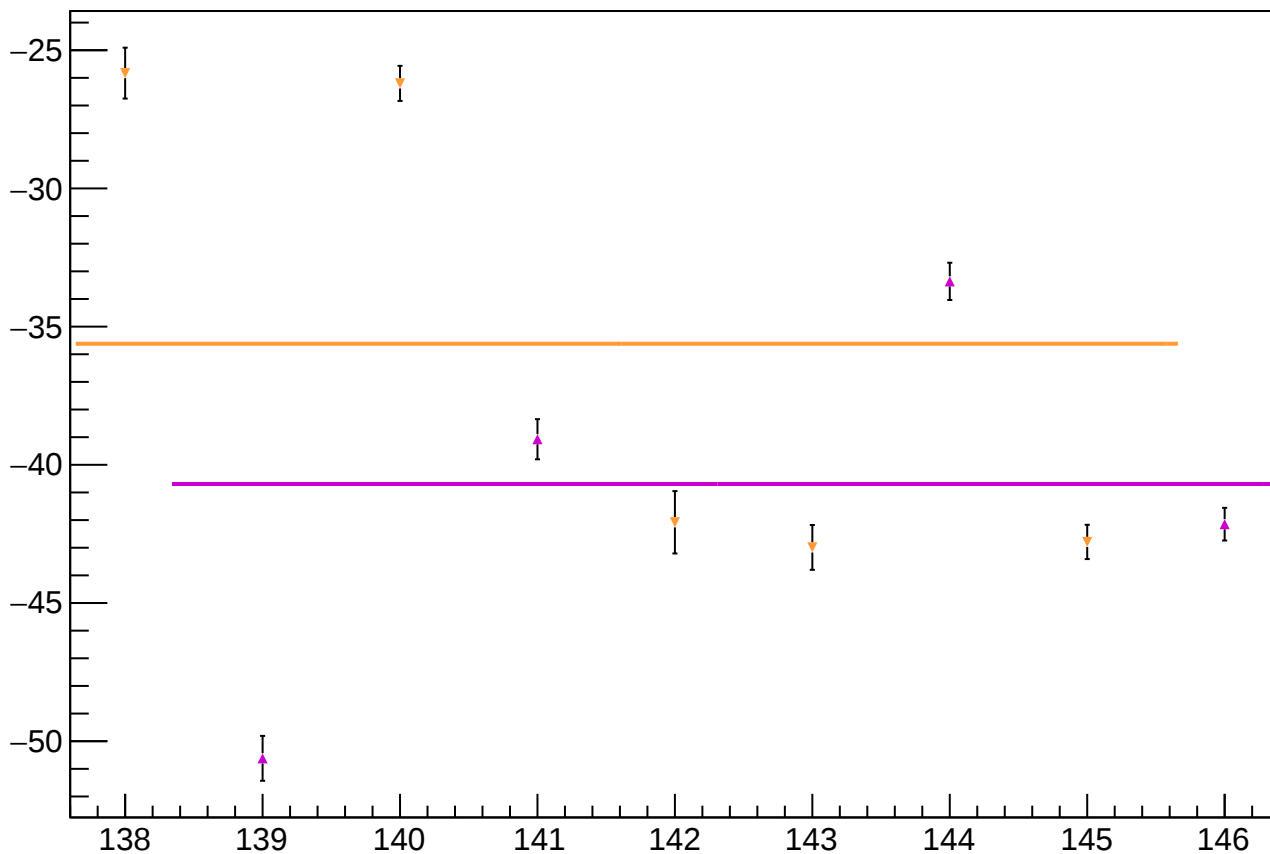
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.508+/-0.252 χ^2/NDF :896.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.016+/-0.248 χ^2/NDF :1018.7/3

Left: -2.290+/-0.177 χ^2/NDF : 2013.3/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.016+/-0.248 χ^2/NDF :1018.7/3
 Out: -0.508+/-0.252 χ^2/NDF :896.0/4
 All: -2.290+/-0.177 χ^2/NDF : 2013.3/8

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.620+/-0.342 χ^2/NDF : 582.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.694+/-0.343 χ^2/NDF : 278.7/3

Left: -38.143+/-0.242 χ^2/NDF : 970.6/8

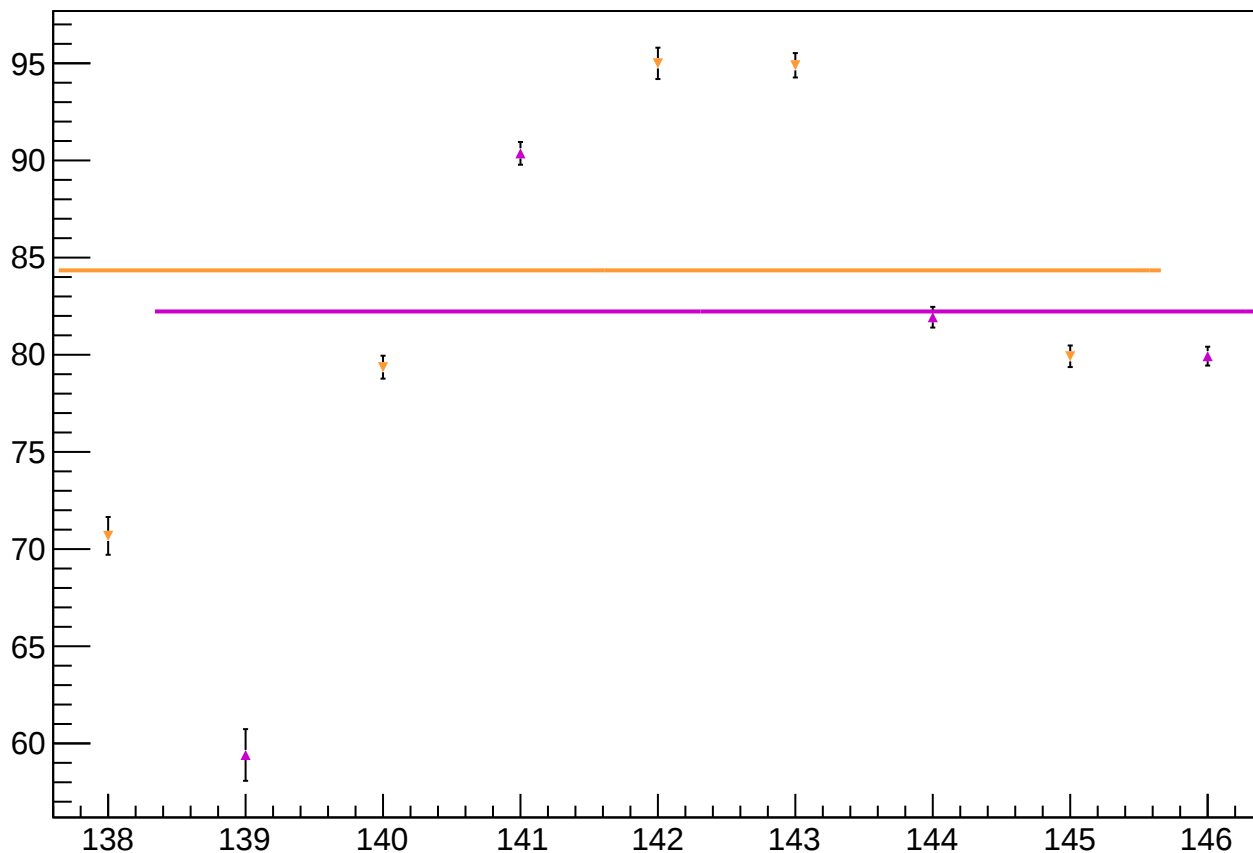
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.694+/-0.343 χ^2/NDF : 278.7/3

Out: -35.620+/-0.342 χ^2/NDF : 582.1/4

All: -38.143+/-0.242 χ^2/NDF : 970.6/8

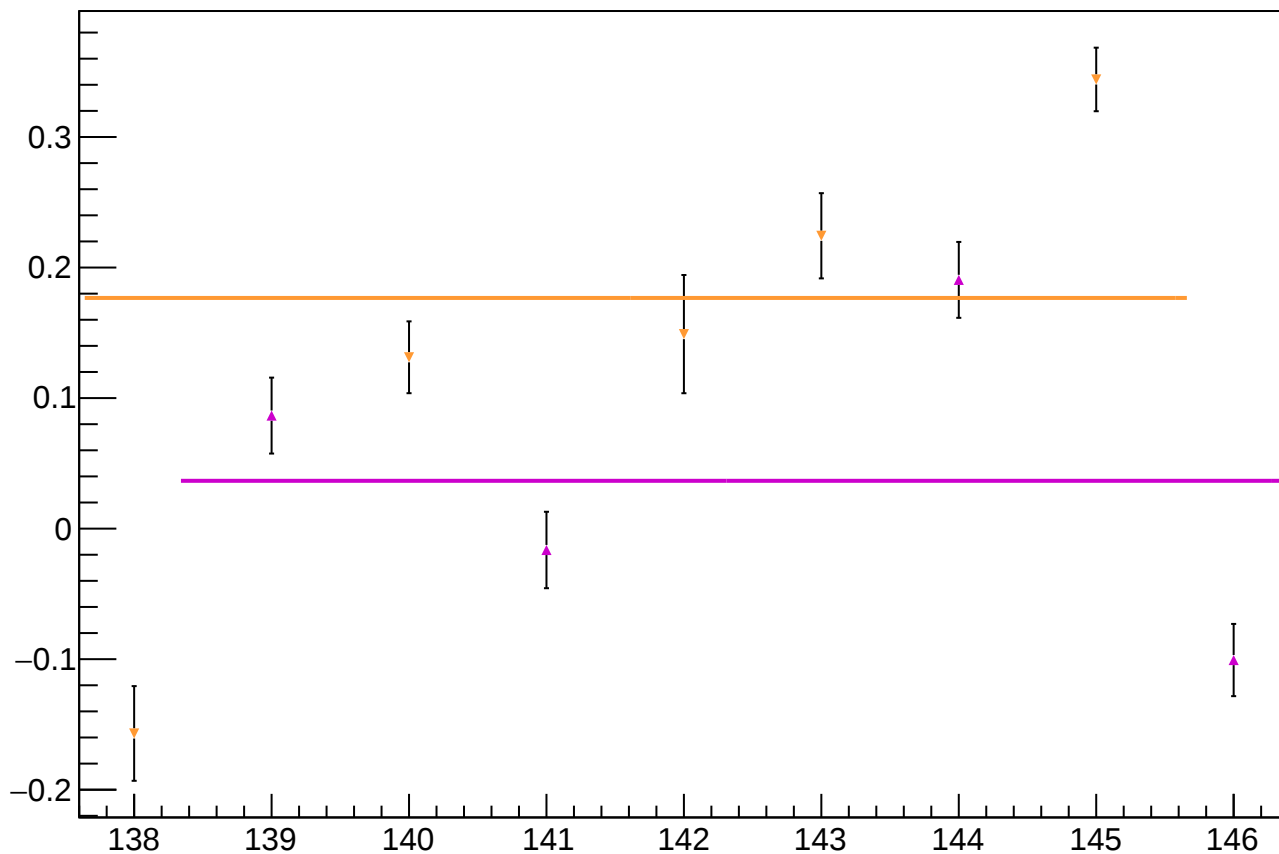
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 84.343 $\pm$ 0.298 χ^2 /NDF:789.8/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 82.229 $\pm$ 0.298 χ^2 /NDF:510.5/3

Left: 83.285 $\pm$ 0.211 χ^2 /NDF: 1325.5/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 82.229 $\pm$ 0.298 χ^2 /NDF:510.5/3
 Out: 84.343 $\pm$ 0.298 χ^2 /NDF:789.8/4
 All: 83.285 $\pm$ 0.211 χ^2 /NDF: 1325.5/8

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.177+/-0.014 χ^2/NDF :137.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.037+/-0.014 χ^2/NDF :58.9/3

Left: 0.109+/-0.010 χ^2/NDF : 245.2/8

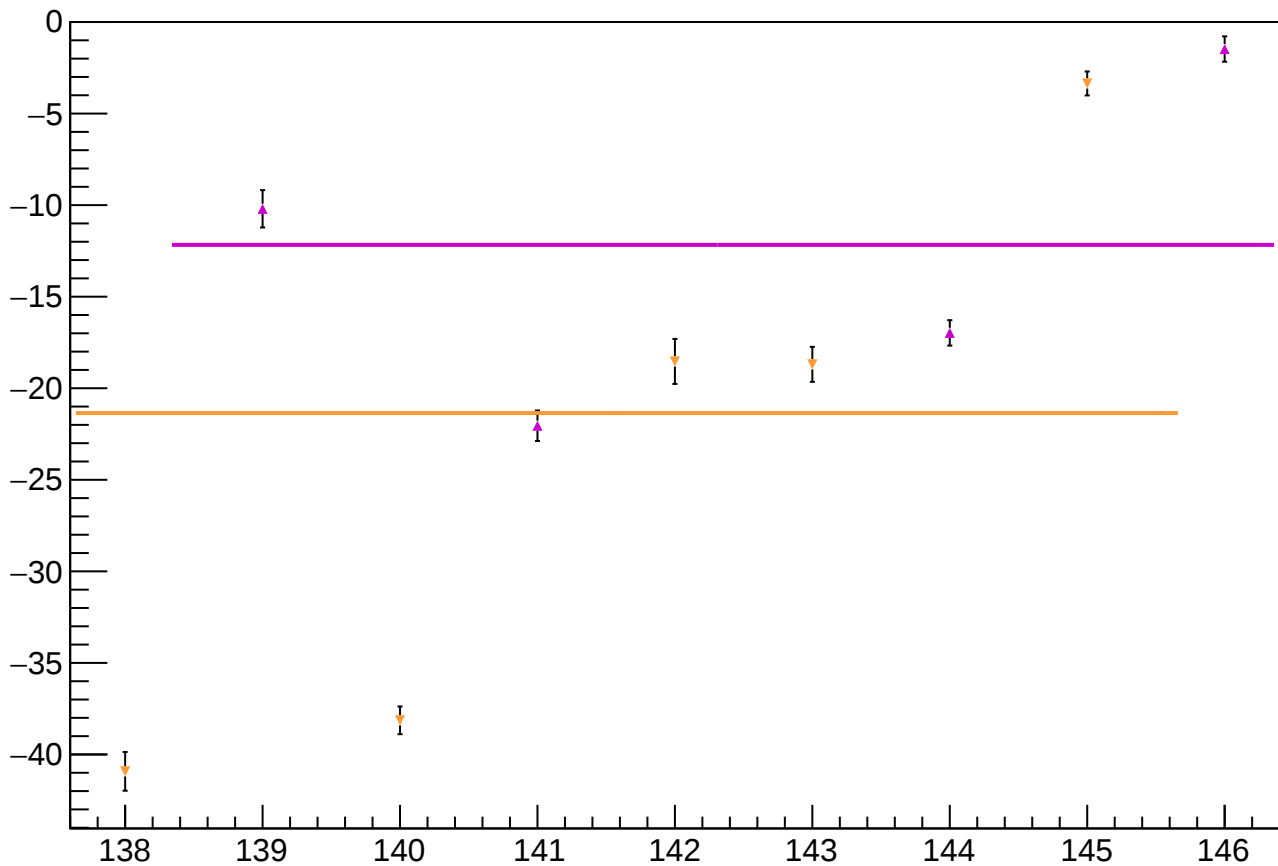
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.037+/-0.014 χ^2/NDF :58.9/3

Out: 0.177+/-0.014 χ^2/NDF :137.1/4

All: 0.109+/-0.010 χ^2/NDF : 245.2/8

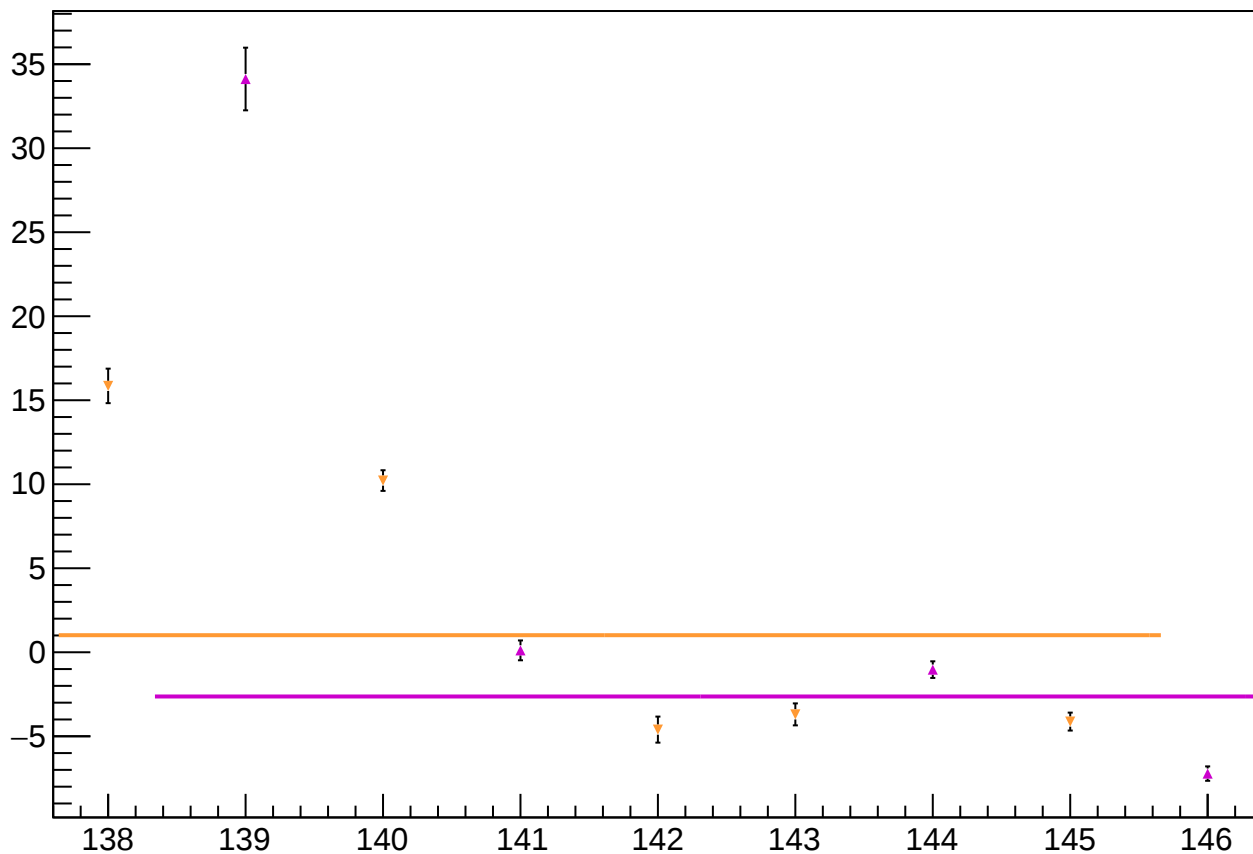
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -21.355+/-0.386 χ^2/NDF :1601.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.171+/-0.390 χ^2/NDF :430.9/3

Left: -16.819+/-0.274 χ^2/NDF : 2312.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.171+/-0.390 χ^2/NDF :430.9/3
 Out: -21.355+/-0.386 χ^2/NDF :1601.8/4
 All: -16.819+/-0.274 χ^2/NDF : 2312.9/8

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.016+/-0.300 χ^2/NDF : 630.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.632+/-0.281 χ^2/NDF : 534.9/3

Left: -0.928+/-0.205 χ^2/NDF : 1244.2/8

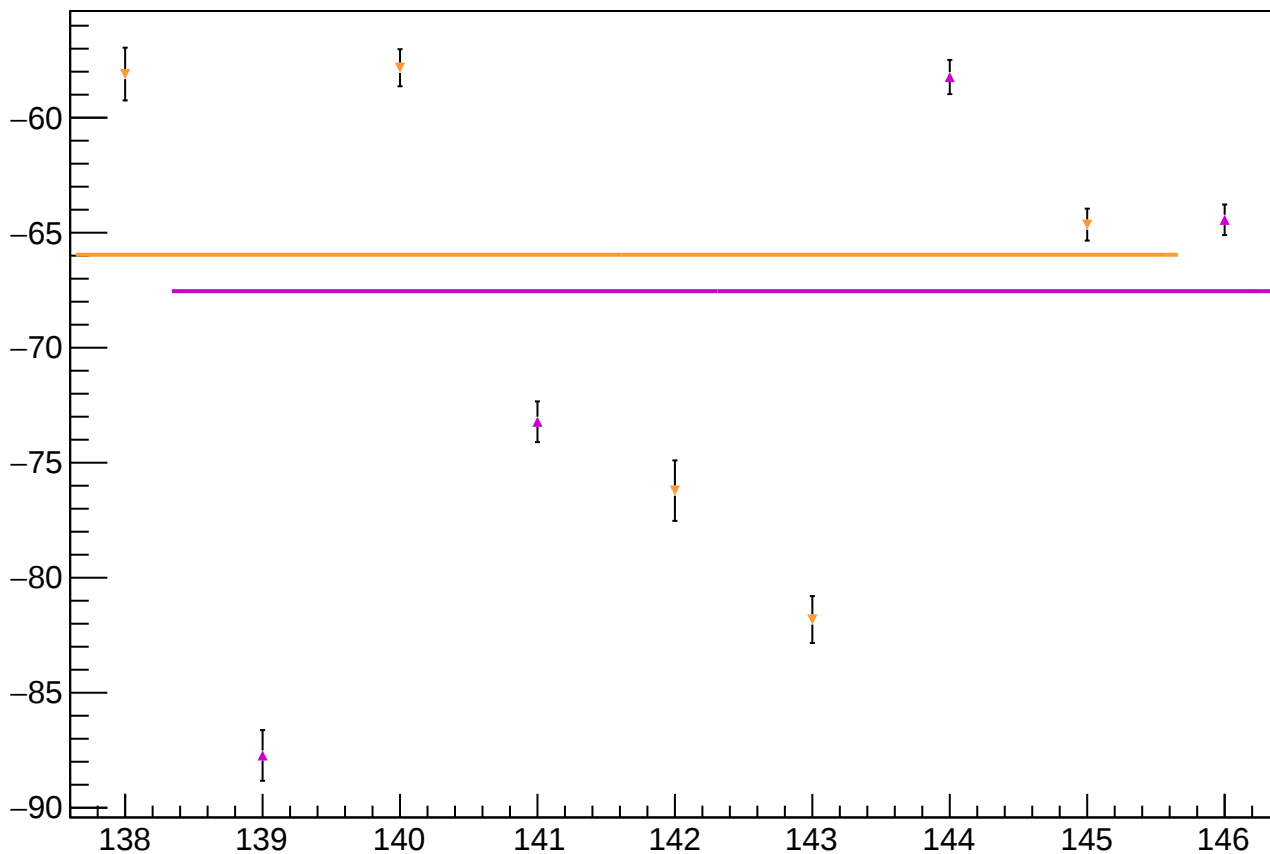
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.632+/-0.281 χ^2/NDF : 534.9/3

Out: 1.016+/-0.300 χ^2/NDF : 630.4/4

All: -0.928+/-0.205 χ^2/NDF : 1244.2/8

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.959+/-0.411 χ^2/NDF :455.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -67.541+/-0.403 χ^2/NDF :555.0/3

Left: -66.767+/-0.288 χ^2/NDF : 1017.8/8

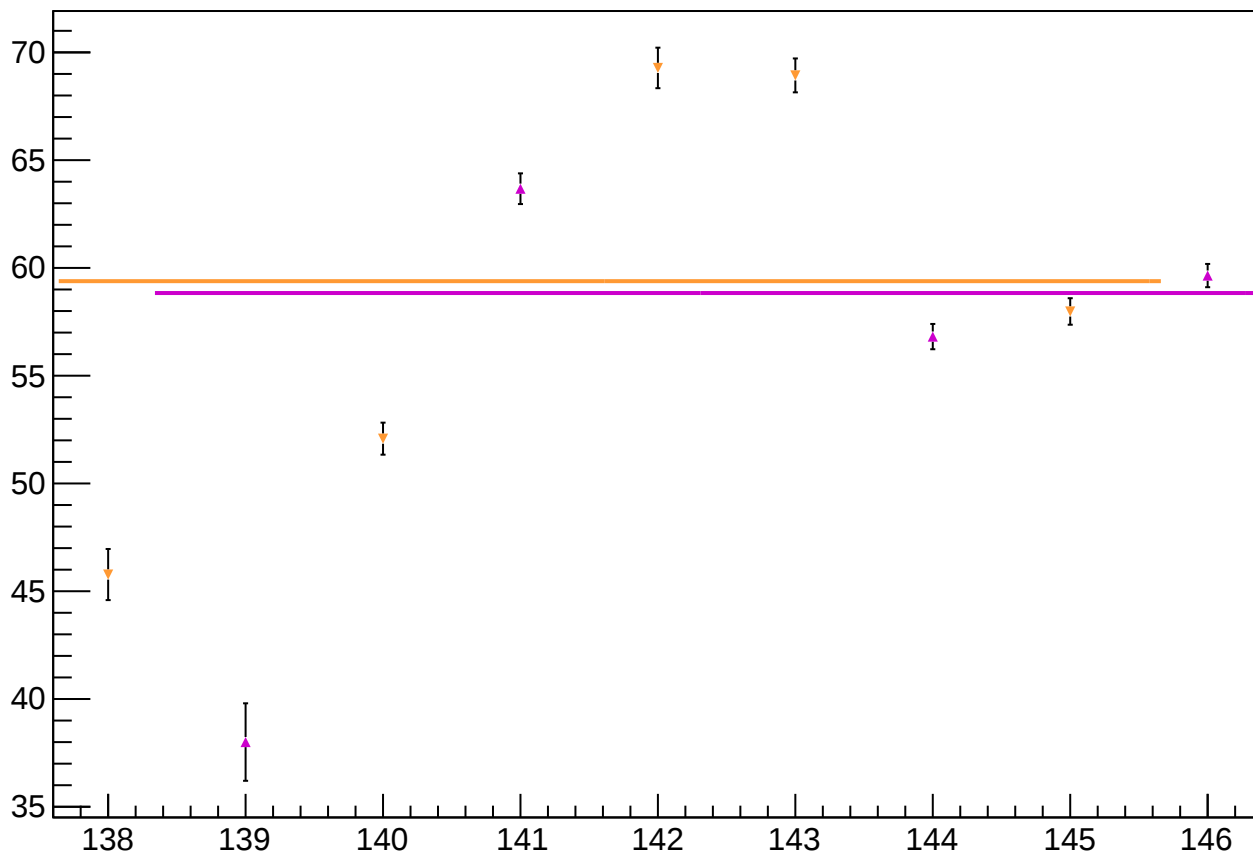
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.541+/-0.403 χ^2/NDF :555.0/3

Out: -65.959+/-0.411 χ^2/NDF :455.2/4

All: -66.767+/-0.288 χ^2/NDF : 1017.8/8

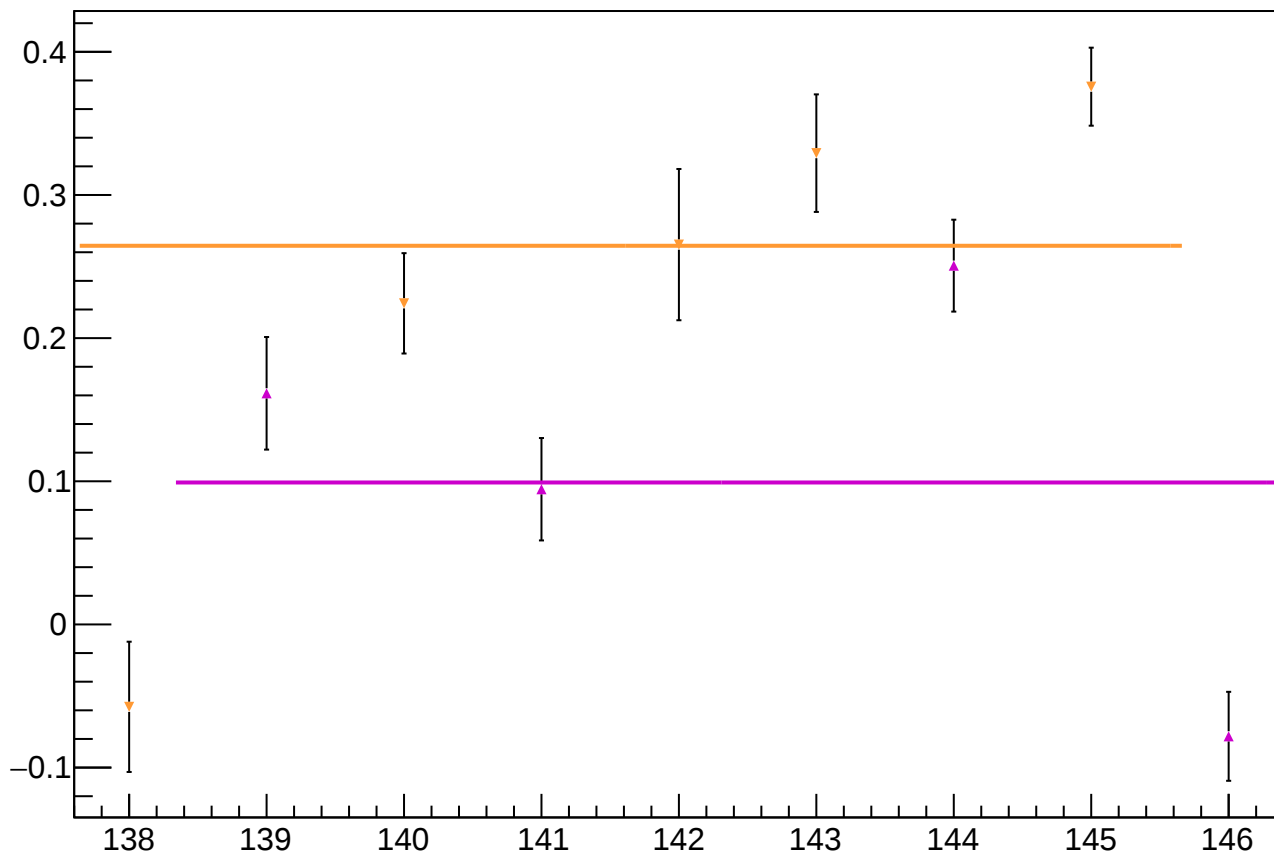
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 59.386 $\pm$ 0.355 χ^2 /NDF:491.9/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 58.835 $\pm$ 0.341 χ^2 /NDF:194.6/3

Left: 59.099 $\pm$ 0.246 χ^2 /NDF: 687.8/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 58.835 $\pm$ 0.341 χ^2 /NDF:194.6/3
 Out: 59.386 $\pm$ 0.355 χ^2 /NDF:491.9/4
 All: 59.099 $\pm$ 0.246 χ^2 /NDF: 687.8/8

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.265 $\pm$ 0.017 χ^2 /NDF:70.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3

Left: 0.184 $\pm$ 0.012 χ^2 /NDF: 175.9/8

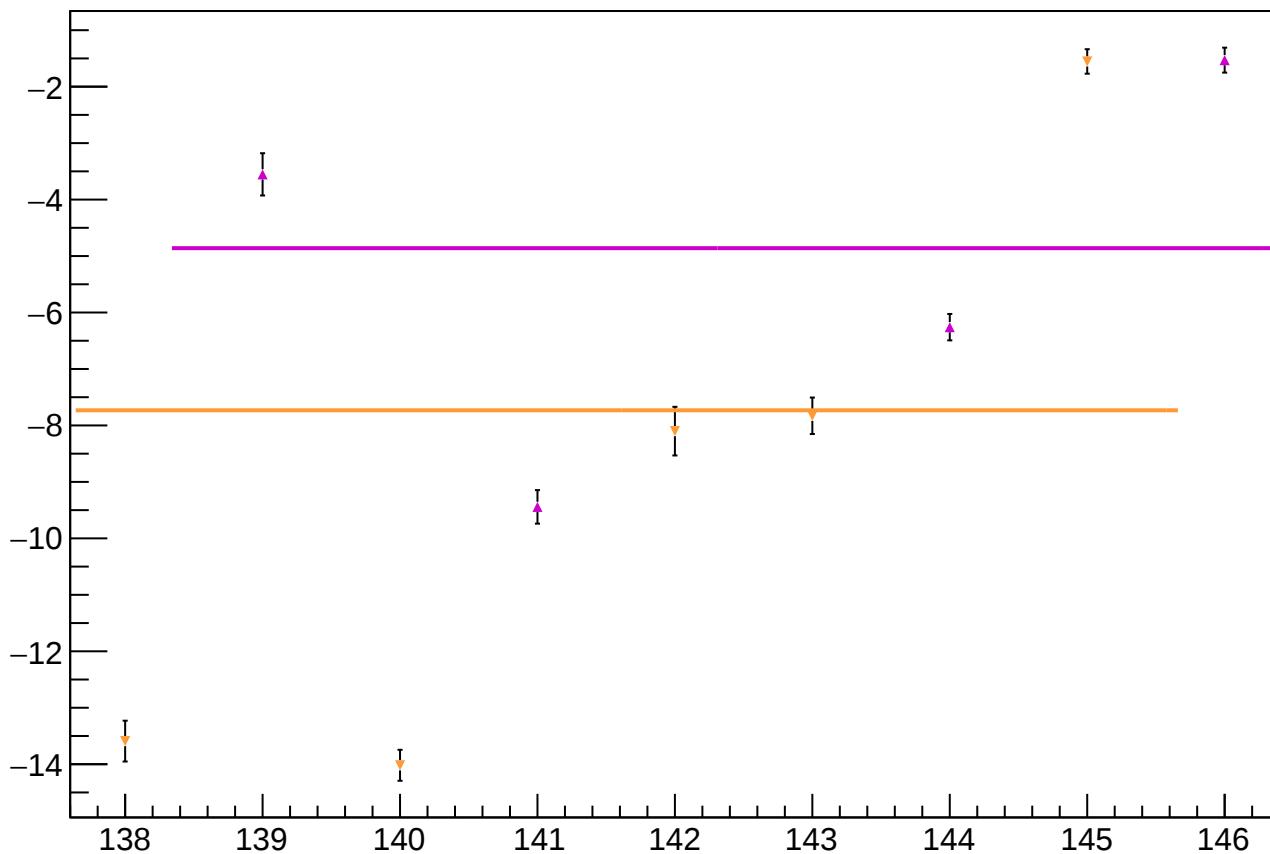
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3

Out: 0.265 $\pm$ 0.017 χ^2 /NDF:70.5/4

All: 0.184 $\pm$ 0.012 χ^2 /NDF: 175.9/8

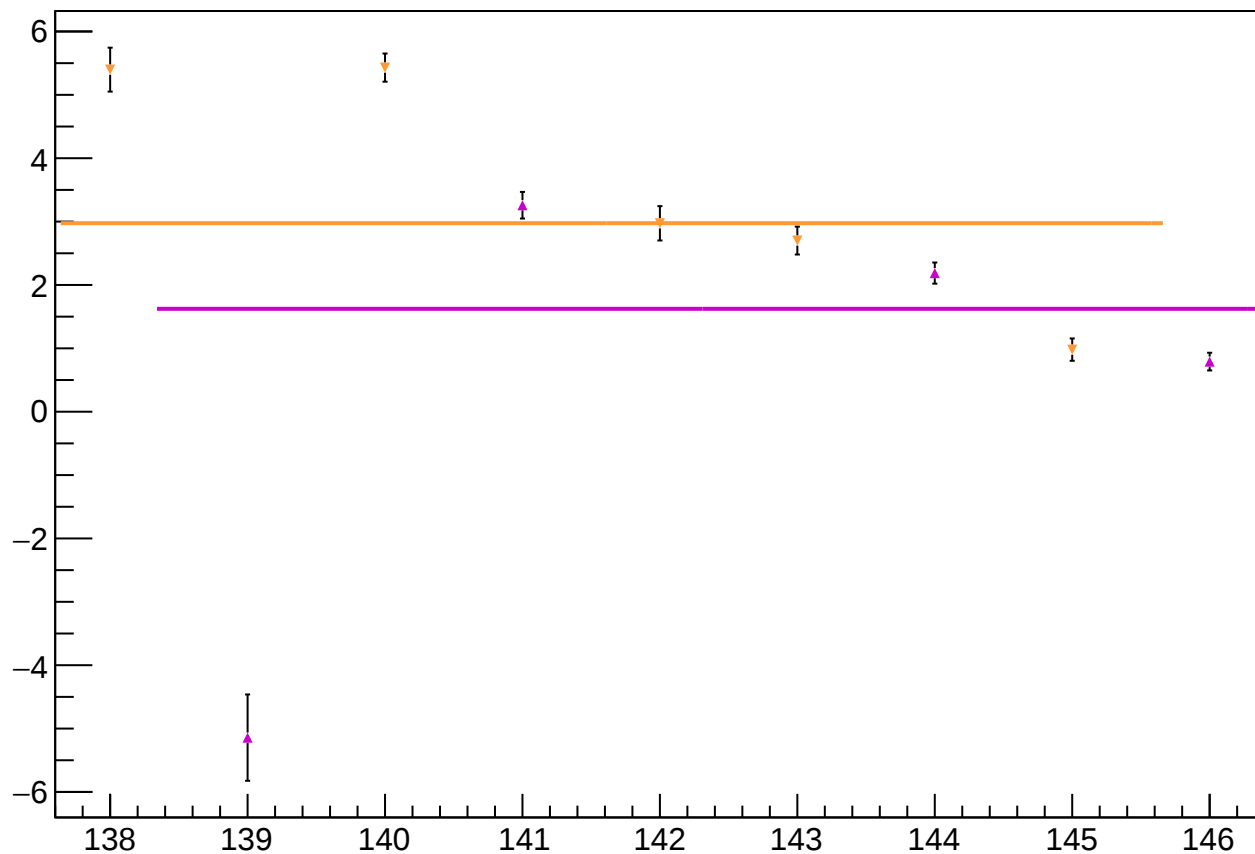
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-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: -4.860+/-0.132 χ^2/NDF :513.5/3

Left: -6.294+/-0.093 χ^2/NDF : 2347.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.860+/-0.132 χ^2/NDF :513.5/3
 Out: -7.732+/-0.132 χ^2/NDF :1598.1/4
 All: -6.294+/-0.093 χ^2/NDF : 2347.4/8

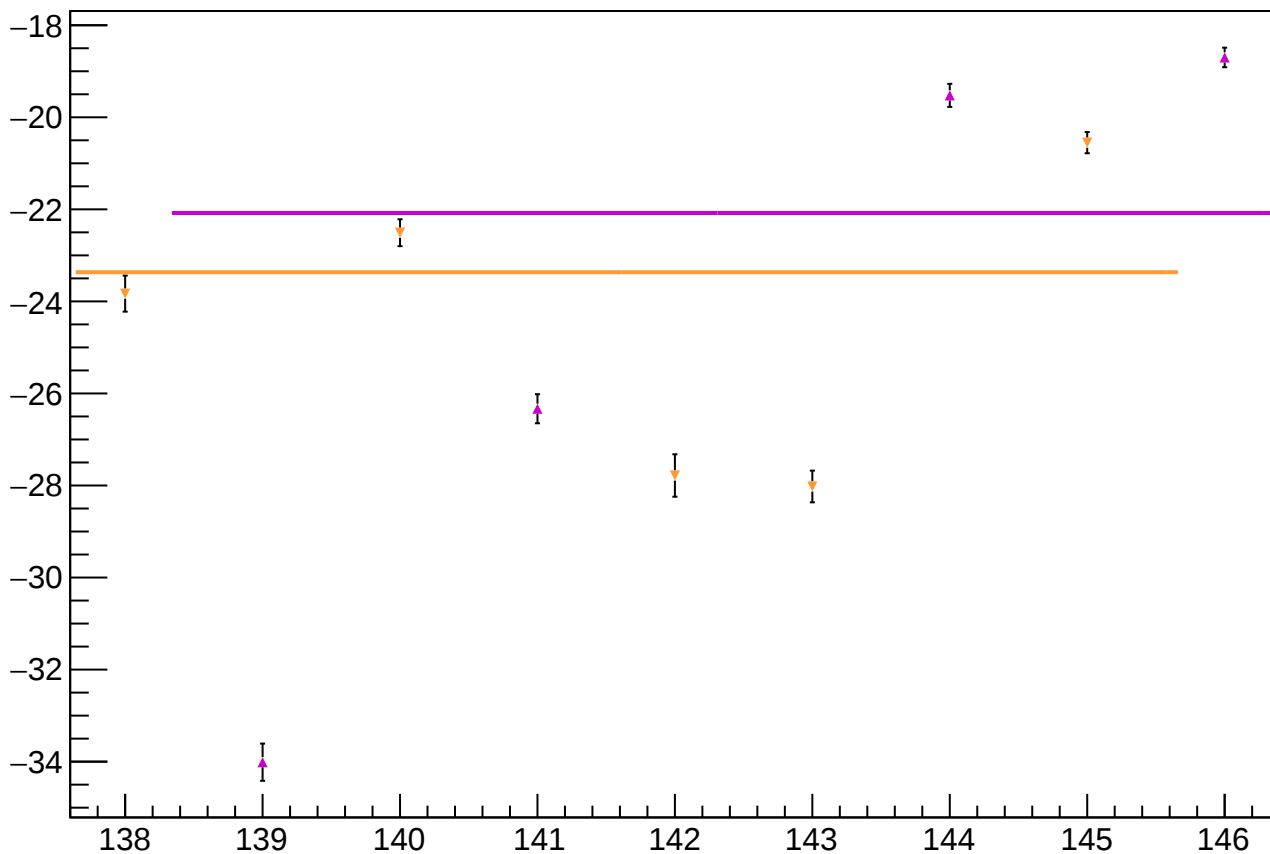
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.975+/-0.103 χ^2/NDF :300.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.624+/-0.094 χ^2/NDF :206.2/3

Left: 2.243+/-0.069 χ^2/NDF : 600.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.624+/-0.094 χ^2/NDF :206.2/3
 Out: 2.975+/-0.103 χ^2/NDF :300.4/4
 All: 2.243+/-0.069 χ^2/NDF : 600.5/8

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.366+/-0.141 χ^2/NDF :434.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.079+/-0.136 χ^2/NDF :1408.3/3

Left: -22.698+/-0.098 χ^2/NDF : 1885.4/8

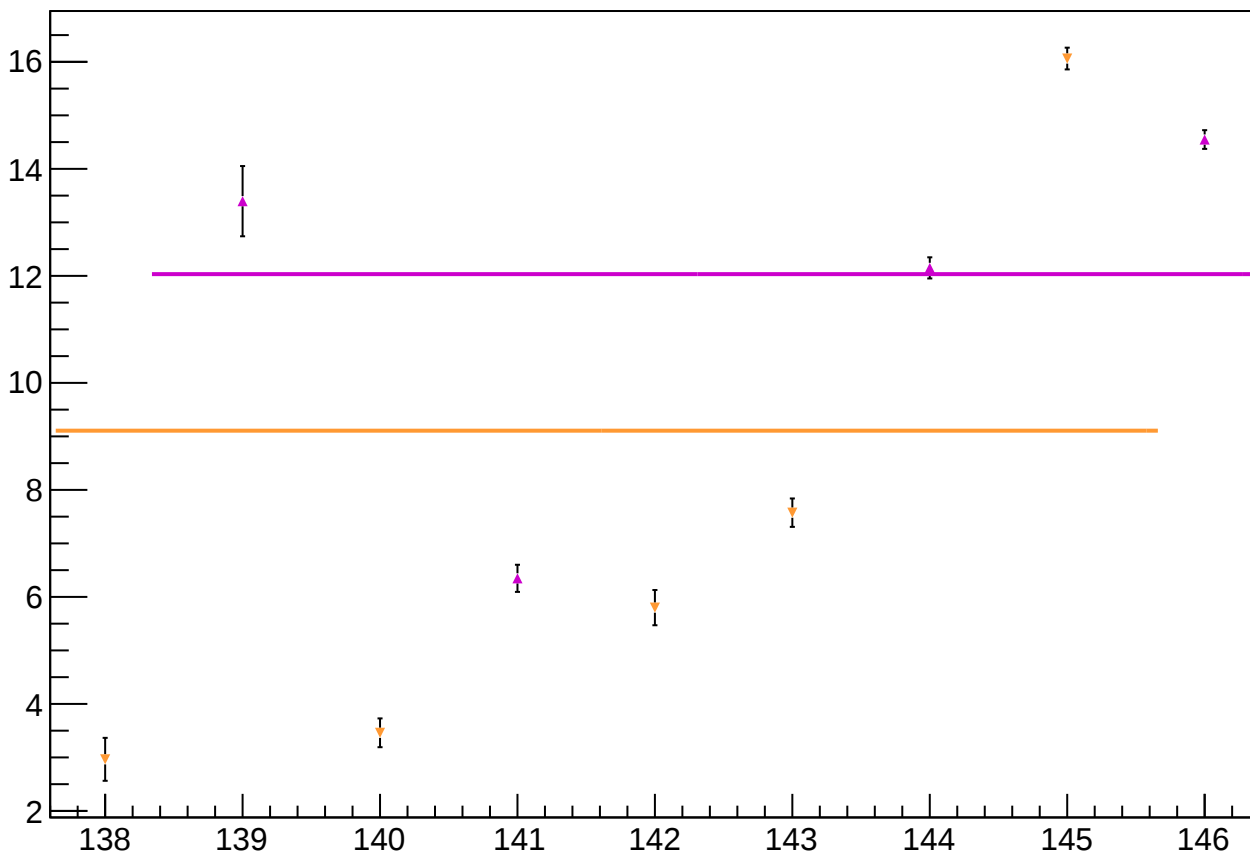
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.079+/-0.136 χ^2/NDF :1408.3/3

Out: -23.366+/-0.141 χ^2/NDF :434.0/4

All: -22.698+/-0.098 χ^2/NDF : 1885.4/8

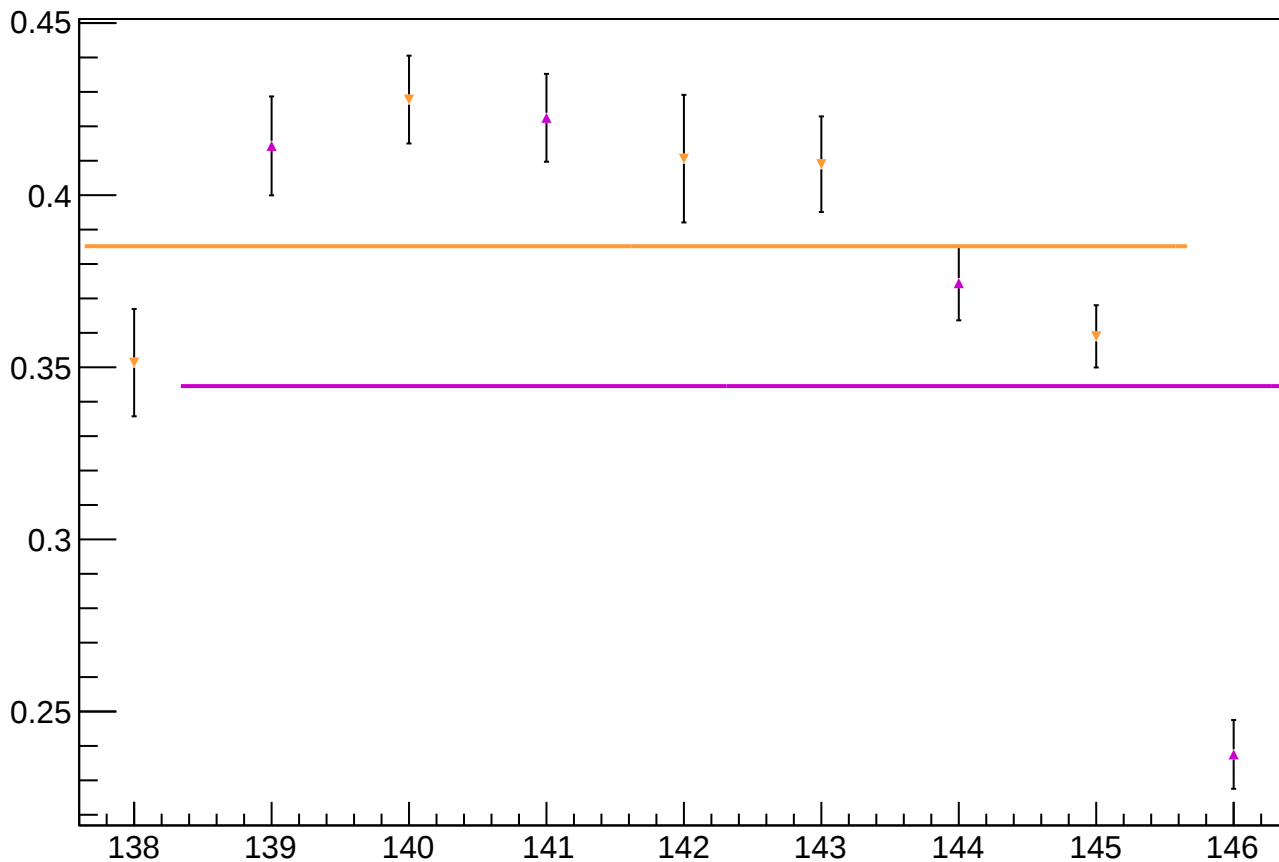
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.107 $\pm$ 0.122 χ^2 /NDF:1980.4/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 12.033 $\pm$ 0.115 χ^2 /NDF:714.1/3

Left: 10.656 $\pm$ 0.083 χ^2 /NDF: 3001.2/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 12.033 $\pm$ 0.115 χ^2 /NDF:714.1/3
 Out: 9.107 $\pm$ 0.122 χ^2 /NDF:1980.4/4
 All: 10.656 $\pm$ 0.083 χ^2 /NDF: 3001.2/8

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.385+/-0.006 χ^2/NDF :29.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.345+/-0.006 χ^2/NDF :183.3/3

Left: 0.365+/-0.004 χ^2/NDF : 237.2/8

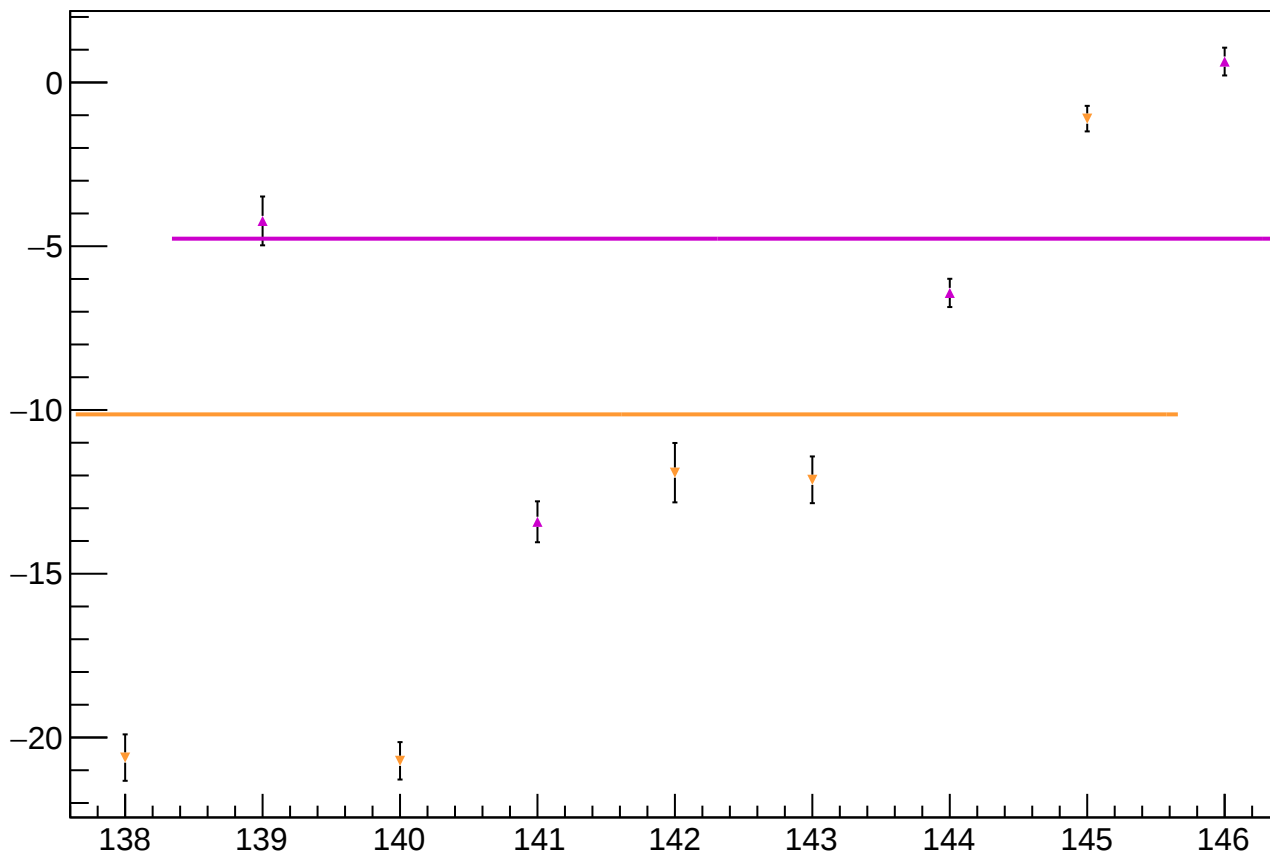
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.345+/-0.006 χ^2/NDF :183.3/3

Out: 0.385+/-0.006 χ^2/NDF :29.1/4

All: 0.365+/-0.004 χ^2/NDF : 237.2/8

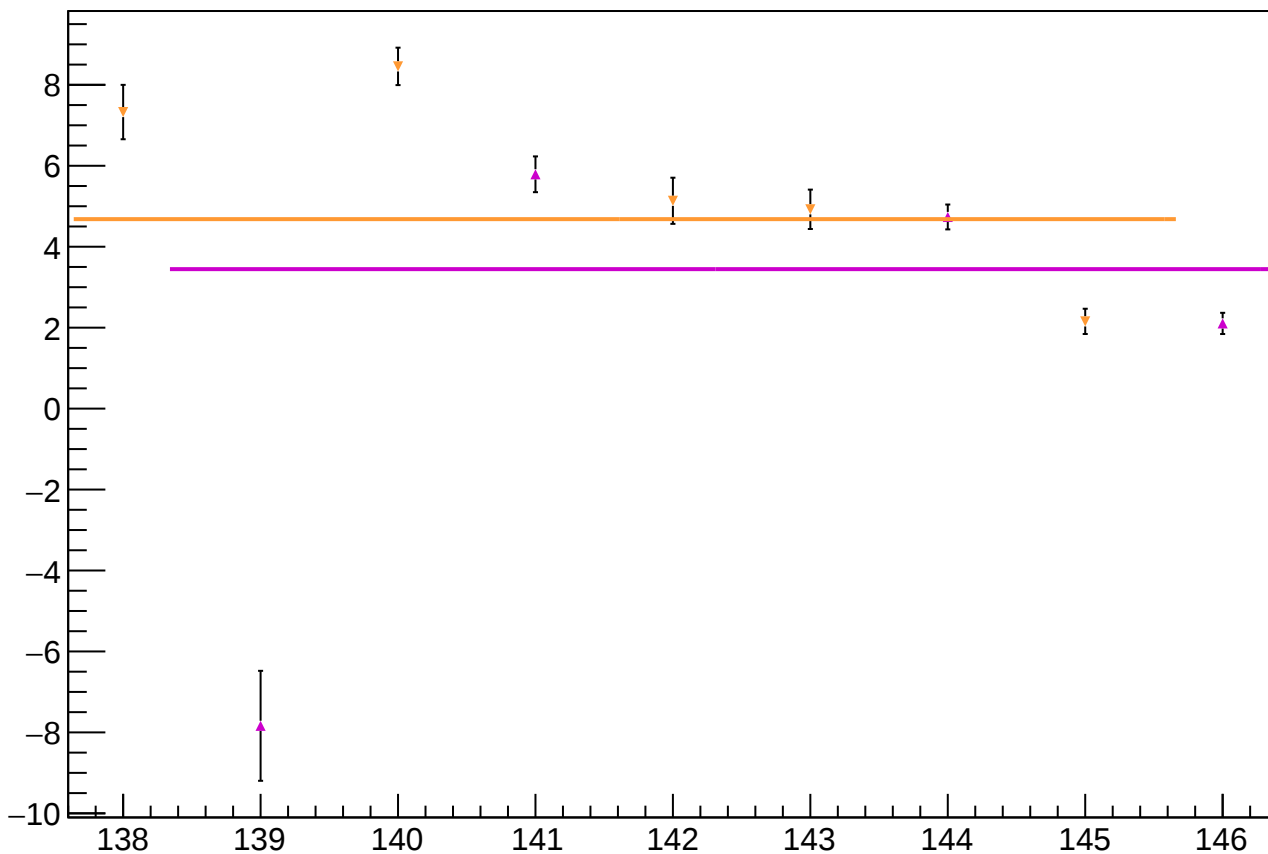
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -10.134+/-0.260 χ^2/NDF :1109.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.770+/-0.256 χ^2/NDF :369.0/3

Left: -7.409+/-0.182 χ^2/NDF : 1694.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.770+/-0.256 χ^2/NDF :369.0/3
 Out: -10.134+/-0.260 χ^2/NDF :1109.0/4
 All: -7.409+/-0.182 χ^2/NDF : 1694.5/8

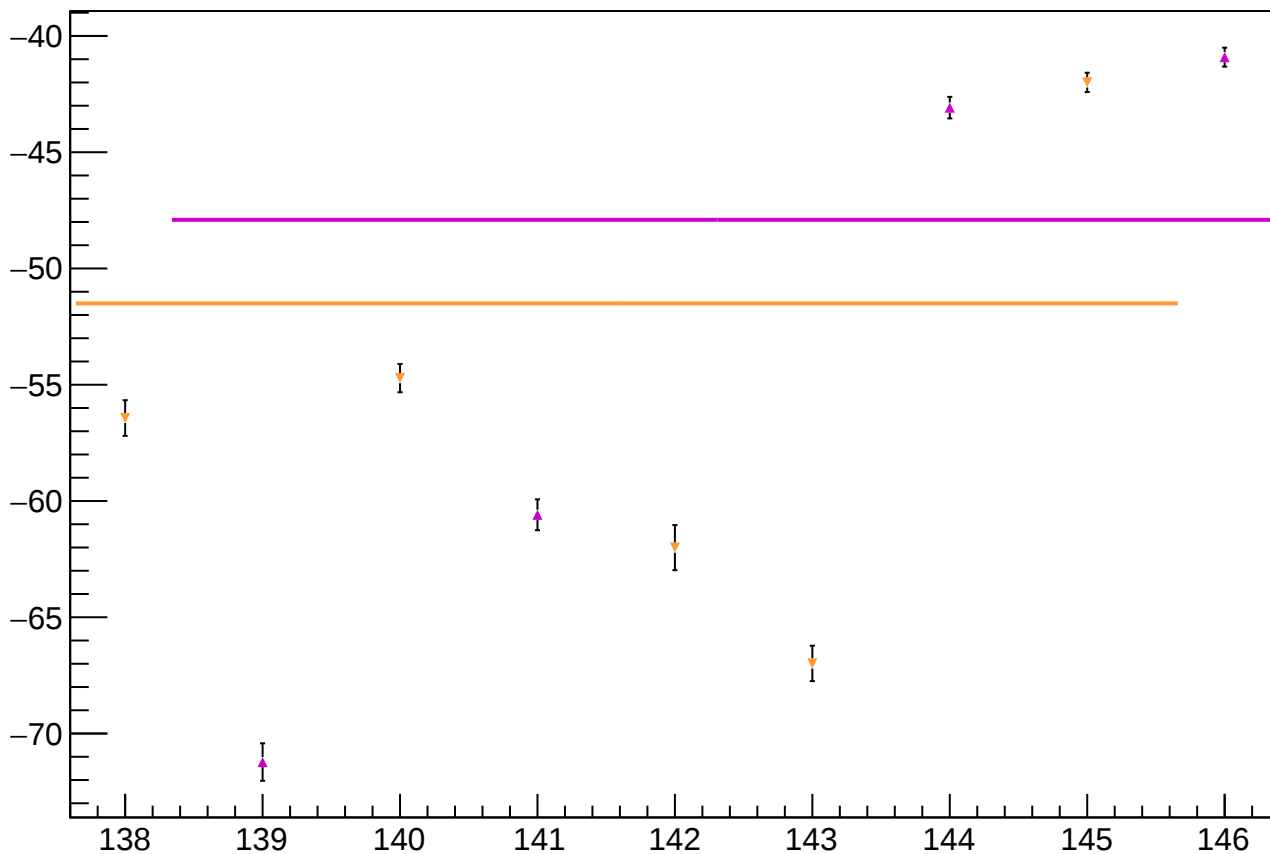
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.682 $\pm$ 0.202 χ^2 /NDF:148.6/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.446 $\pm$ 0.180 χ^2 /NDF:140.9/3

Left: 3.993 $\pm$ 0.134 χ^2 /NDF: 310.3/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.446 $\pm$ 0.180 χ^2 /NDF:140.9/3
 Out: 4.682 $\pm$ 0.202 χ^2 /NDF:148.6/4
 All: 3.993 $\pm$ 0.134 χ^2 /NDF: 310.3/8

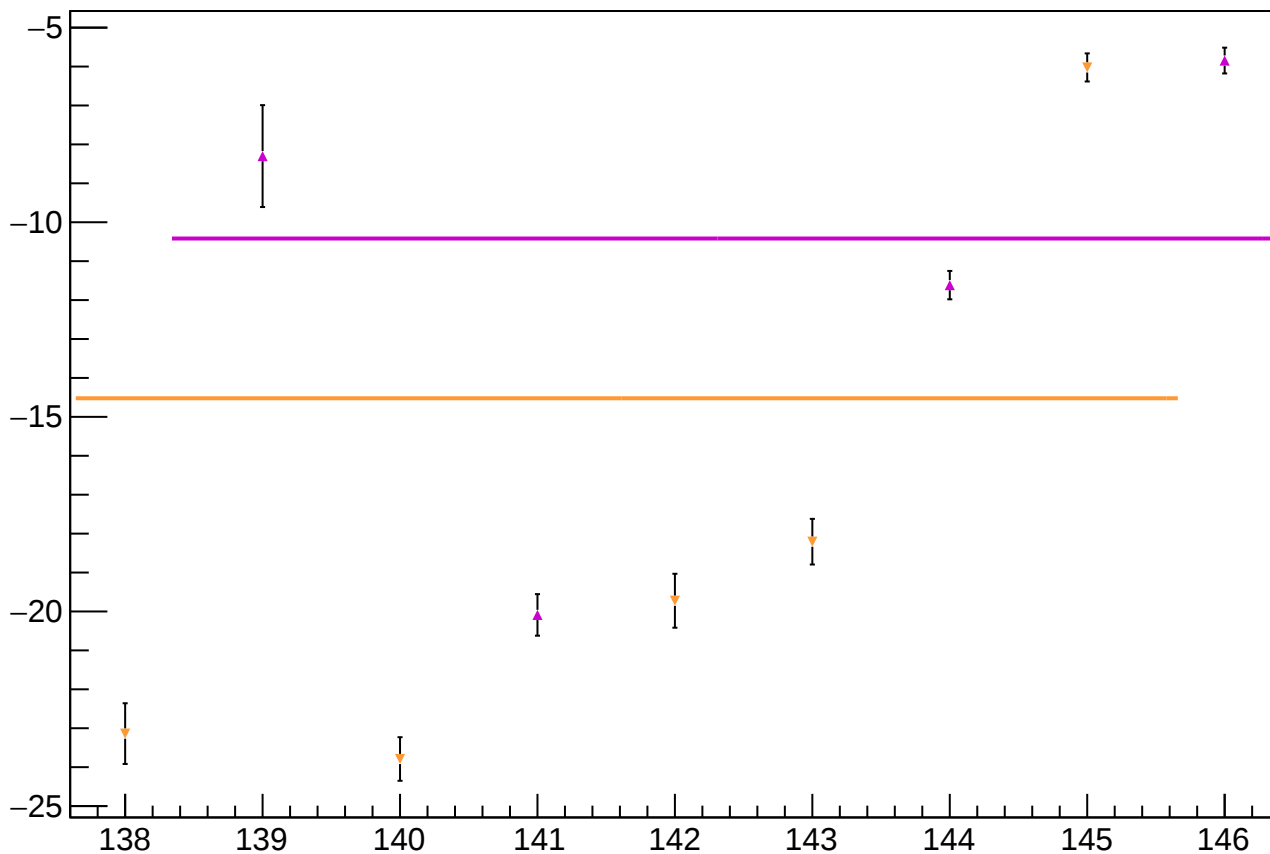
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -51.503 ± 0.278 χ^2/NDF : 1122.9/4
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -47.906 ± 0.263 χ^2/NDF : 1604.6/3

Left: -49.605 ± 0.191 χ^2/NDF : 2816.0/8
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -47.906 ± 0.263 χ^2/NDF : 1604.6/3
 Out: -51.503 ± 0.278 χ^2/NDF : 1122.9/4
 All: -49.605 ± 0.191 χ^2/NDF : 2816.0/8

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.522+/-0.239 χ^2/NDF :1046.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.418+/-0.220 χ^2/NDF :532.1/3

Left: -12.297+/-0.162 χ^2/NDF : 1738.6/8

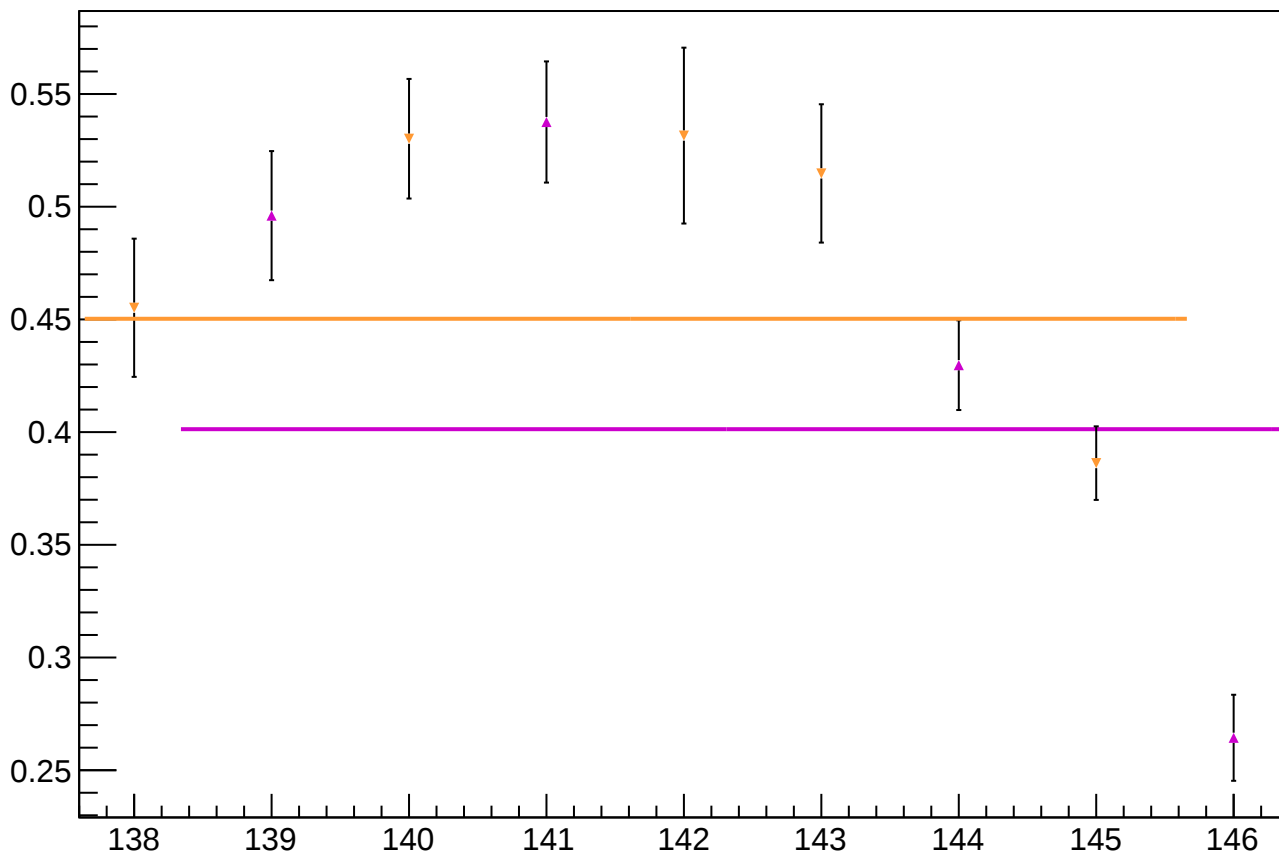
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.418+/-0.220 χ^2/NDF :532.1/3

Out: -14.522+/-0.239 χ^2/NDF :1046.6/4

All: -12.297+/-0.162 χ^2/NDF : 1738.6/8

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.450 $\pm$ 0.011 χ^2 /NDF:33.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Left: 0.426 $\pm$ 0.008 χ^2 /NDF: 132.9/8

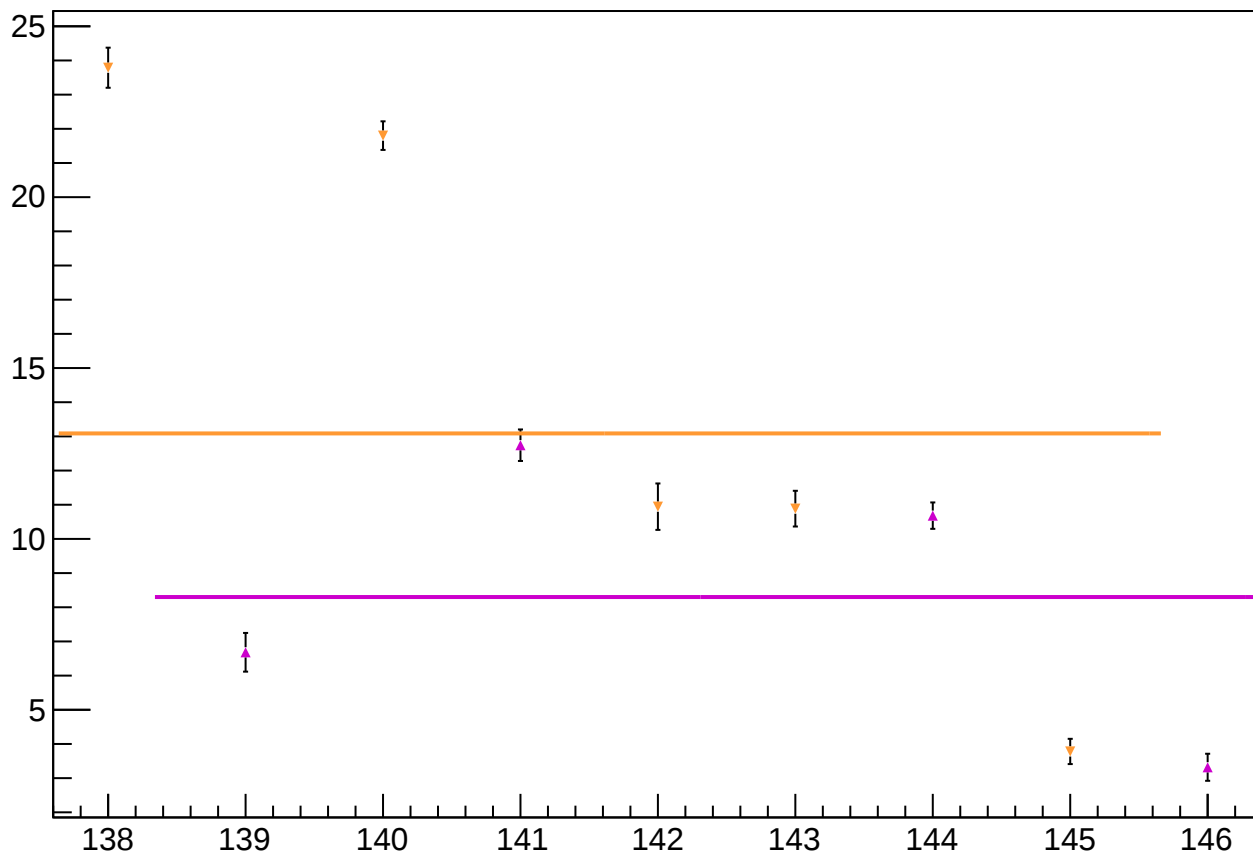
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.401 $\pm$ 0.011 χ^2 /NDF:90.1/3

Out: 0.450 $\pm$ 0.011 χ^2 /NDF:33.2/4

All: 0.426 $\pm$ 0.008 χ^2 /NDF: 132.9/8

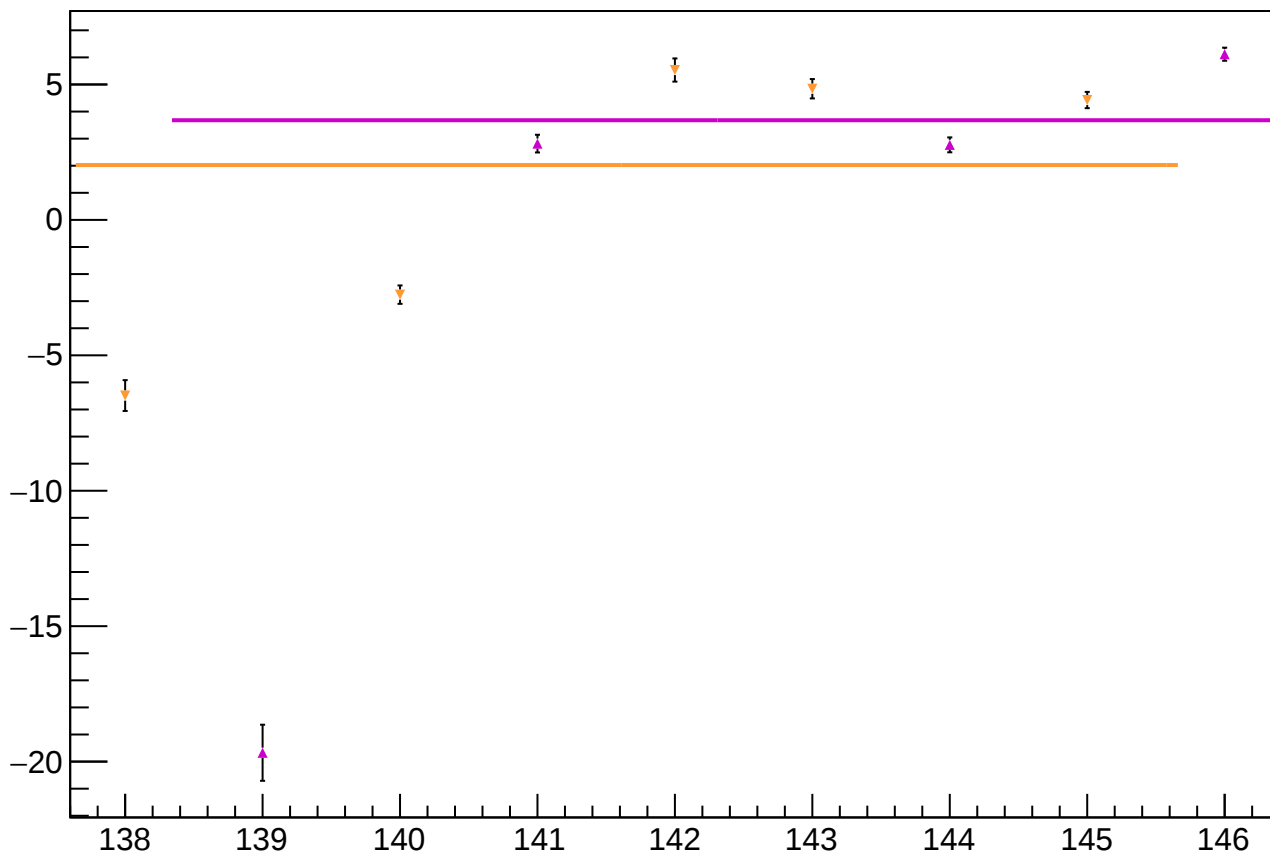
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.087+/-0.214 χ^2/NDF :1428.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.300+/-0.219 χ^2/NDF :297.5/3

Left: 10.742+/-0.153 χ^2/NDF : 1970.8/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.300+/-0.219 χ^2/NDF :297.5/3
 Out: 13.087+/-0.214 χ^2/NDF :1428.8/4
 All: 10.742+/-0.153 χ^2/NDF : 1970.8/8

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 2.026+/-0.166 χ^2 /NDF:615.2/4

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 3.680+/-0.157 χ^2 /NDF:628.9/3

Left: 2.902+/-0.114 χ^2 /NDF: 1296.5/8

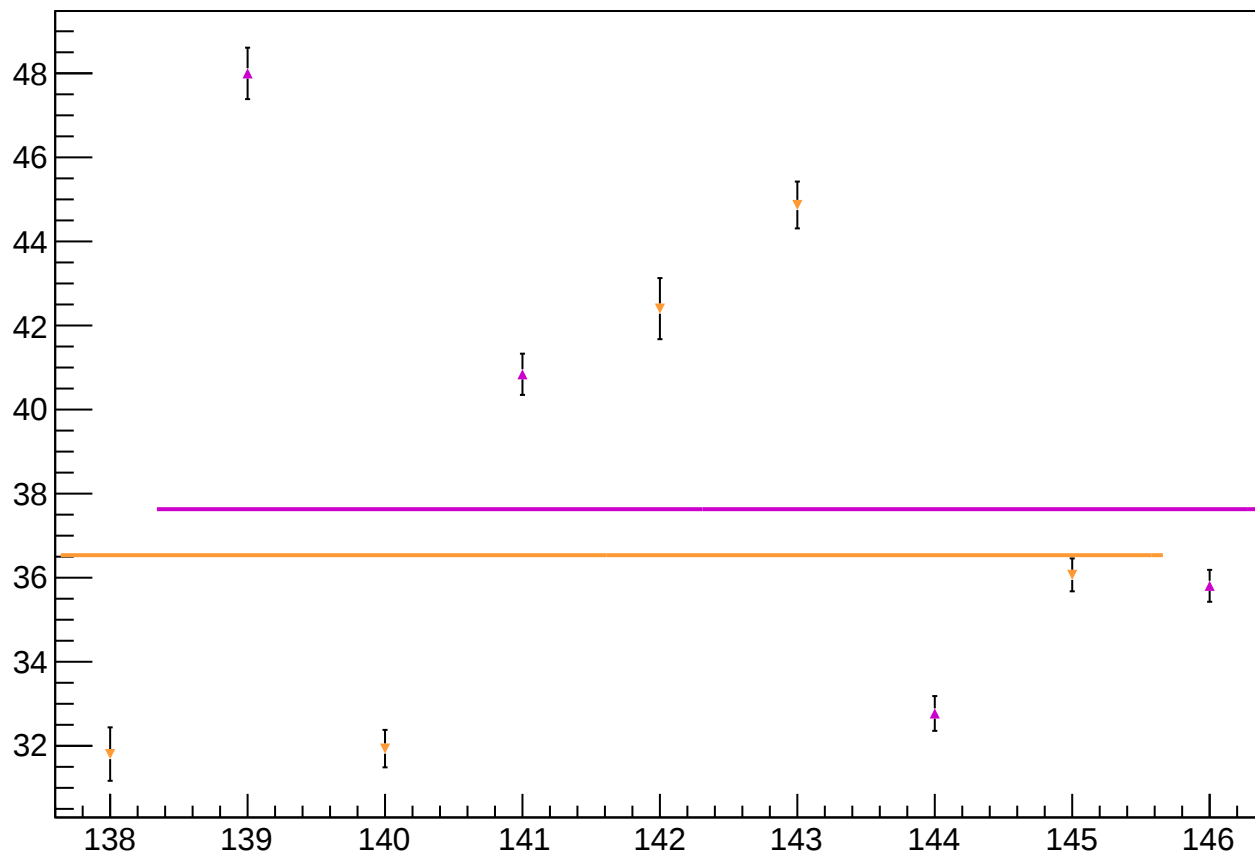
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 3.680+/-0.157 χ^2 /NDF:628.9/3

Out: 2.026+/-0.166 χ^2 /NDF:615.2/4

All: 2.902+/-0.114 χ^2 /NDF: 1296.5/8

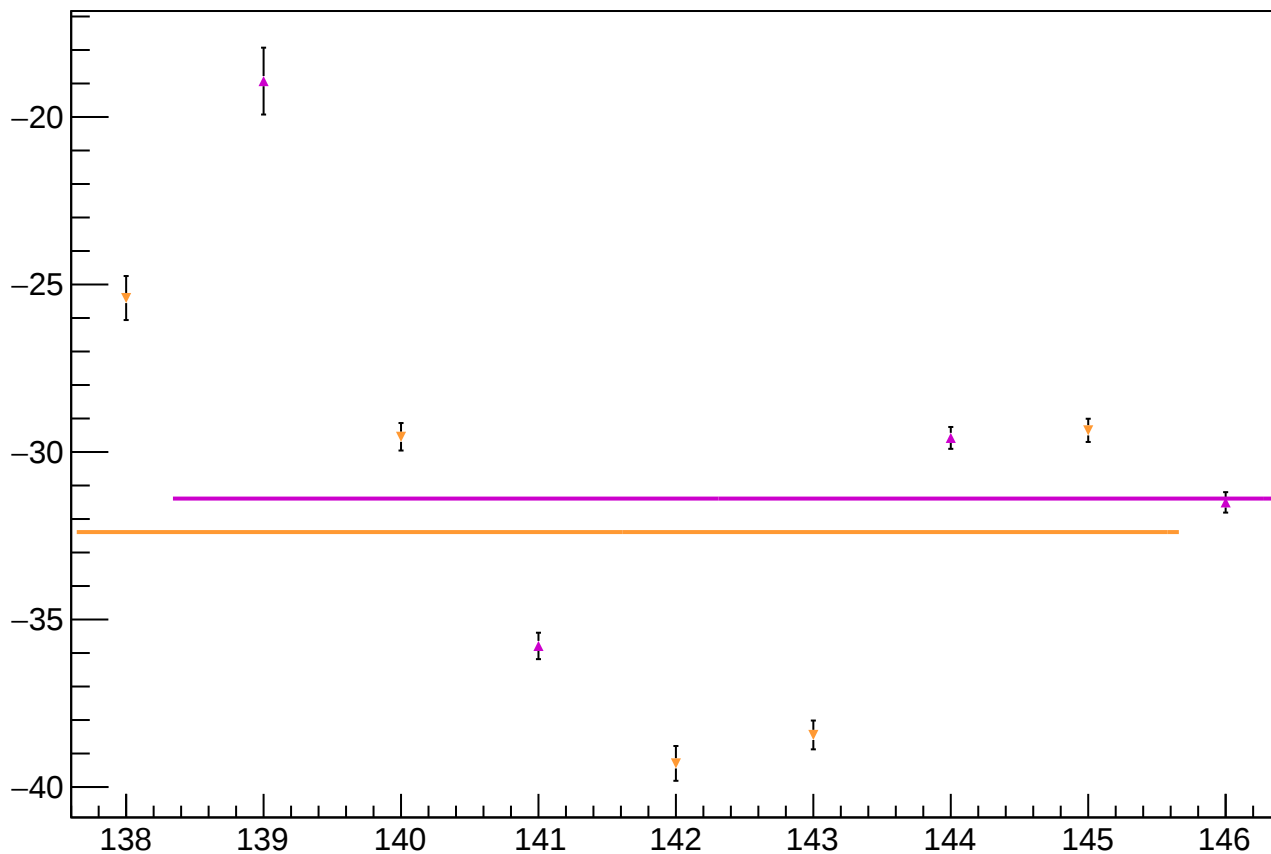
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.536+/-0.229 χ^2/NDF : 452.3/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.630+/-0.226 χ^2/NDF : 490.9/3

Left: 37.089+/-0.161 χ^2/NDF : 954.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.630+/-0.226 χ^2/NDF : 490.9/3
 Out: 36.536+/-0.229 χ^2/NDF : 452.3/4
 All: 37.089+/-0.161 χ^2/NDF : 954.9/8

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.390+/-0.197 χ^2/NDF : 612.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Left: -31.872+/-0.137 χ^2/NDF : 937.6/8

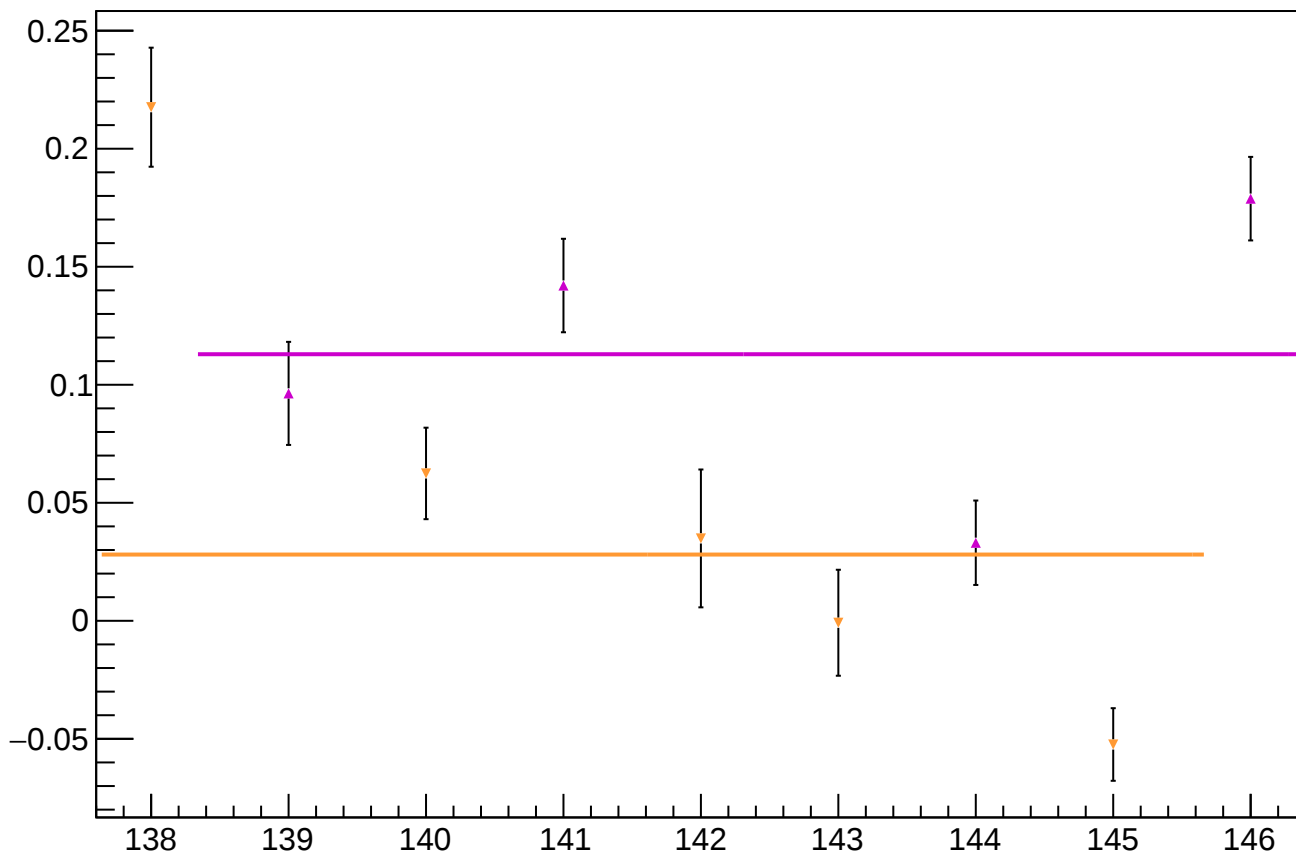
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.390+/-0.190 χ^2/NDF : 311.3/3

Out: -32.390+/-0.197 χ^2/NDF : 612.9/4

All: -31.872+/-0.137 χ^2/NDF : 937.6/8

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.028 $\pm$ 0.009 χ^2 /NDF:88.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3

Left: 0.069 $\pm$ 0.007 χ^2 /NDF: 165.9/8

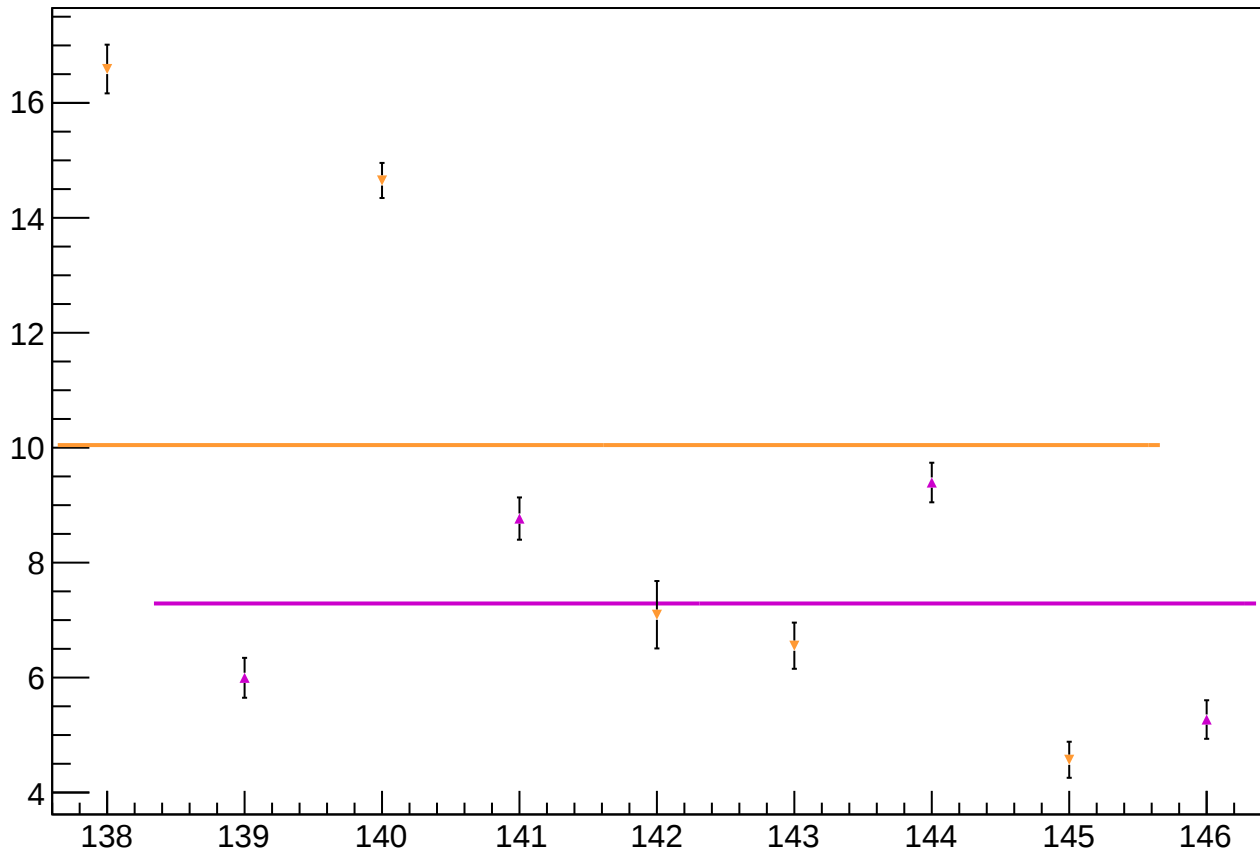
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.113 $\pm$ 0.010 χ^2 /NDF:36.6/3

Out: 0.028 $\pm$ 0.009 χ^2 /NDF:88.7/4

All: 0.069 $\pm$ 0.007 χ^2 /NDF: 165.9/8

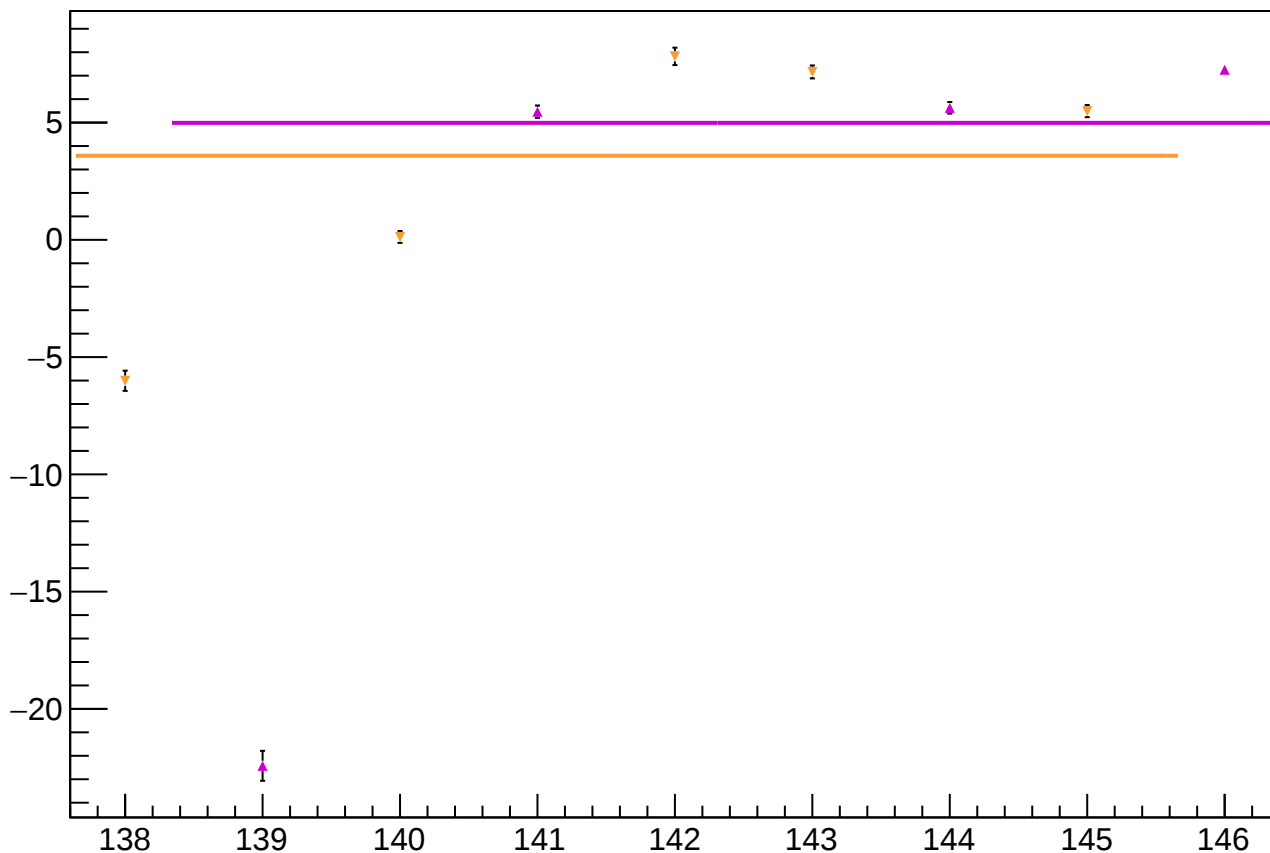
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.046+/-0.168 χ^2/NDF :871.7/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.289+/-0.174 χ^2/NDF :103.6/3

Left: 8.719+/-0.121 χ^2/NDF : 1105.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.289+/-0.174 χ^2/NDF :103.6/3
 Out: 10.046+/-0.168 χ^2/NDF :871.7/4
 All: 8.719+/-0.121 χ^2/NDF : 1105.4/8

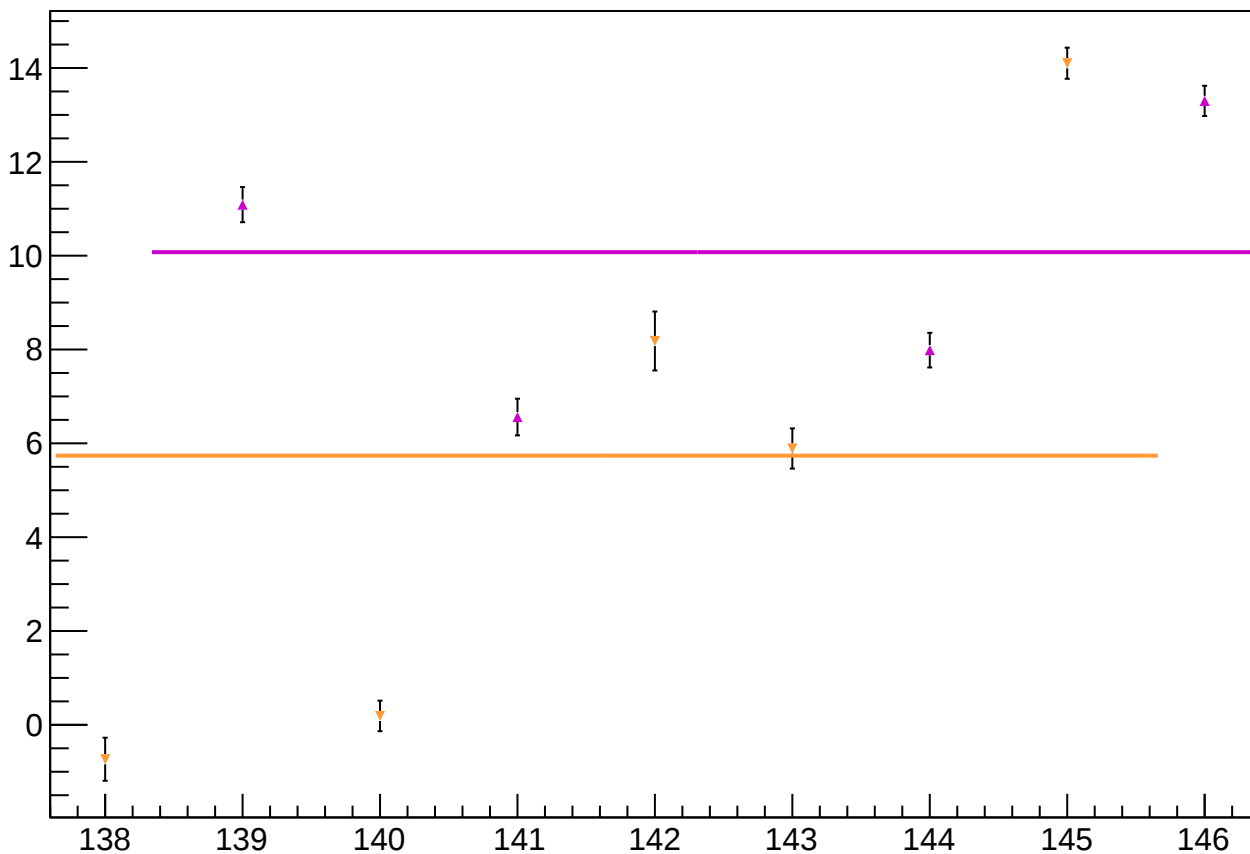
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.587+/-0.133 χ^2/NDF :1033.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.988+/-0.135 χ^2/NDF :1963.6/3

Left: 4.281+/-0.095 χ^2/NDF : 3051.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.988+/-0.135 χ^2/NDF :1963.6/3
 Out: 3.587+/-0.133 χ^2/NDF :1033.0/4
 All: 4.281+/-0.095 χ^2/NDF : 3051.4/8

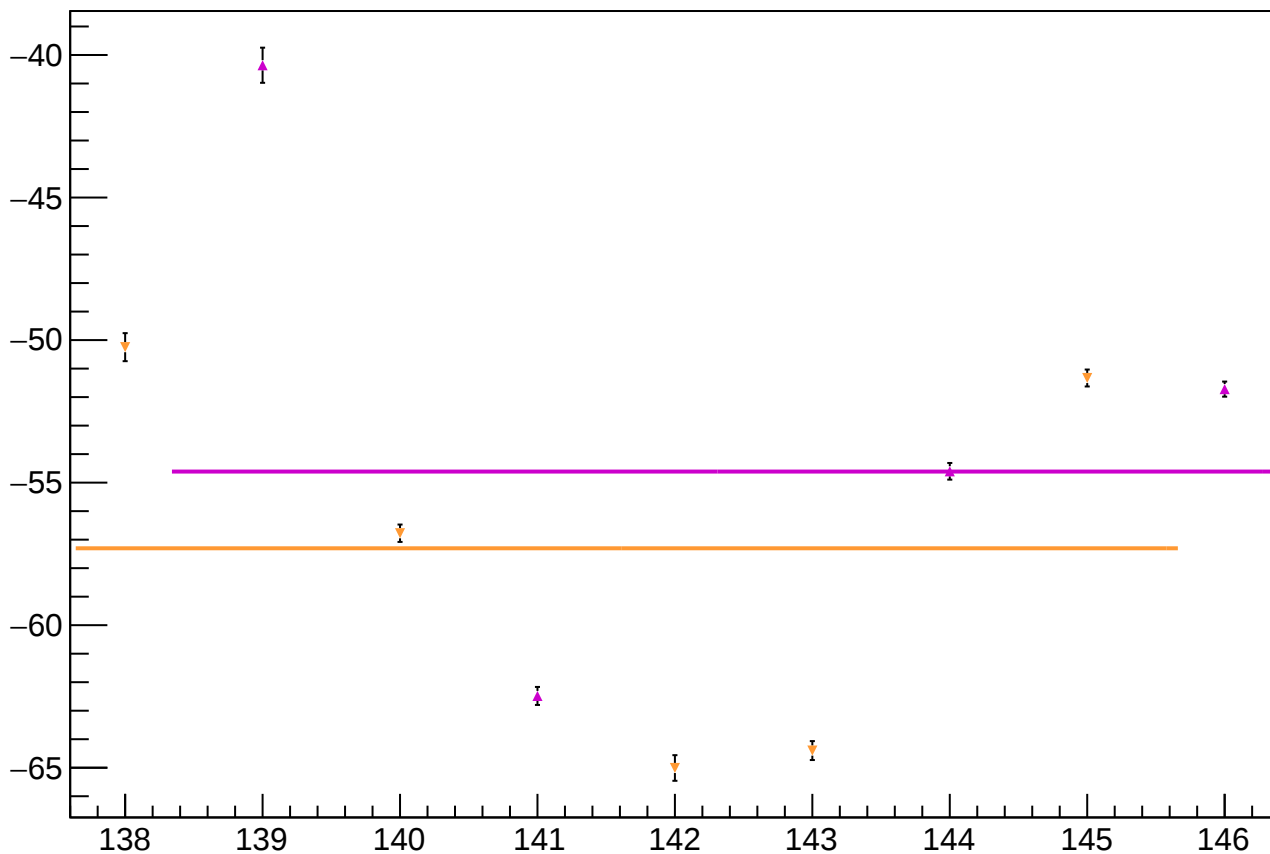
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.737+/-0.179 χ^2/NDF :1140.7/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.075+/-0.181 χ^2/NDF :220.3/3

Left: 7.884+/-0.127 χ^2/NDF : 1652.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.075+/-0.181 χ^2/NDF :220.3/3
 Out: 5.737+/-0.179 χ^2/NDF :1140.7/4
 All: 7.884+/-0.127 χ^2/NDF : 1652.2/8

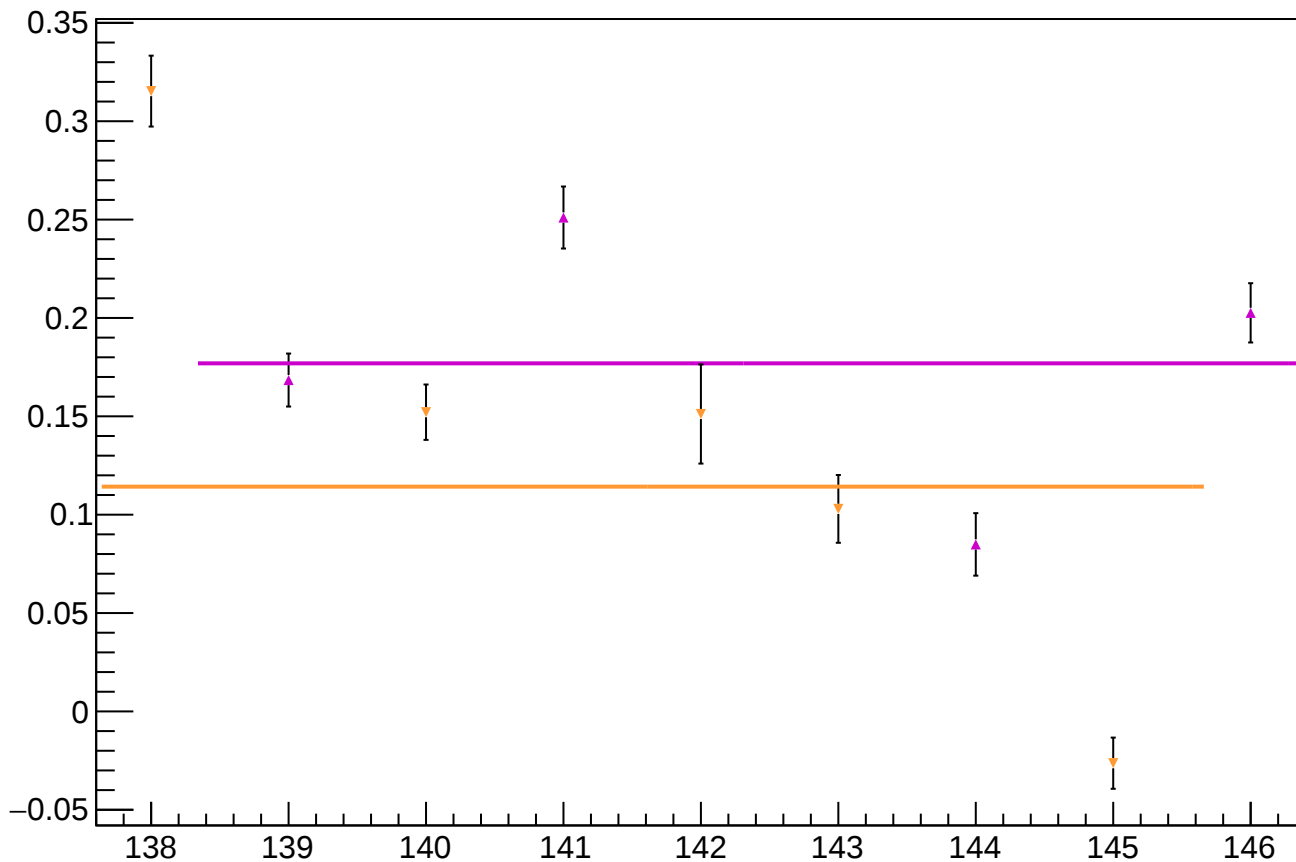
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.303+/-0.158 χ^2/NDF :1363.6/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.612+/-0.161 χ^2/NDF :1274.5/3

Left: -55.985+/-0.113 χ^2/NDF : 2780.8/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -54.612+/-0.161 χ^2/NDF :1274.5/3
 Out: -57.303+/-0.158 χ^2/NDF :1363.6/4
 All: -55.985+/-0.113 χ^2/NDF : 2780.8/8

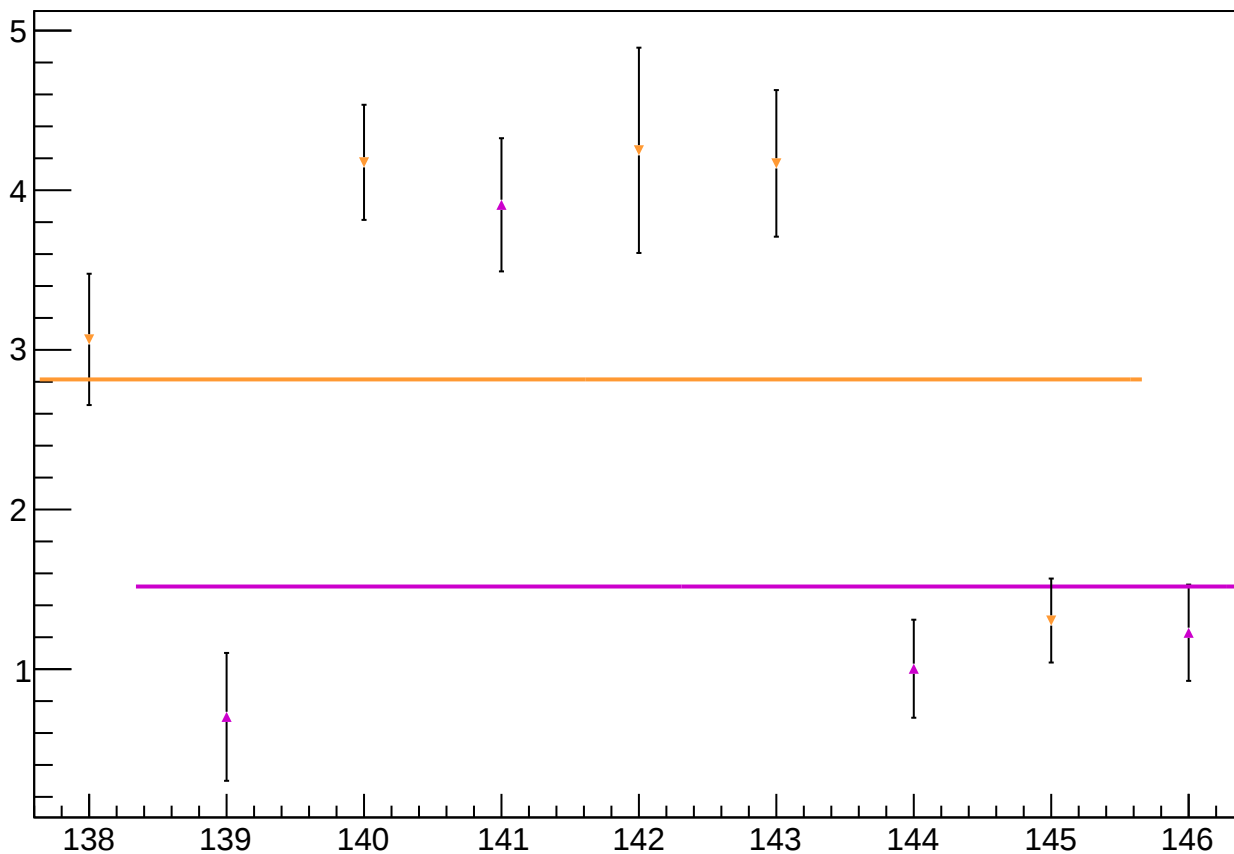
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.114+/-0.007 χ^2/NDF :251.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.177+/-0.007 χ^2/NDF :59.0/3

Left: 0.145+/-0.005 χ^2/NDF : 346.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.177+/-0.007 χ^2/NDF :59.0/3
 Out: 0.114+/-0.007 χ^2/NDF :251.1/4
 All: 0.145+/-0.005 χ^2/NDF : 346.2/8

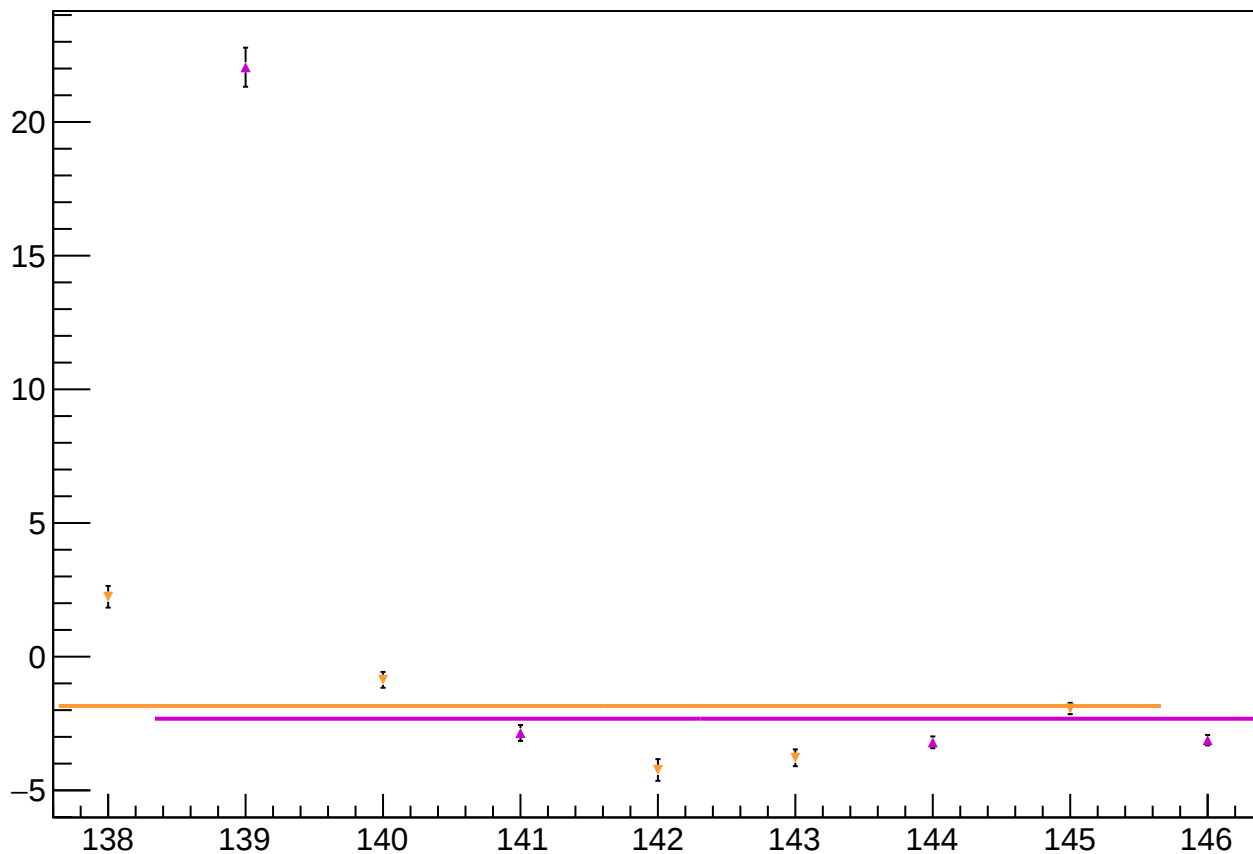
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.815 $\pm$ 0.168 χ^2 /NDF:61.2/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

Left: 2.182 $\pm$ 0.121 χ^2 /NDF: 130.9/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3
 Out: 2.815 $\pm$ 0.168 χ^2 /NDF:61.2/4
 All: 2.182 $\pm$ 0.121 χ^2 /NDF: 130.9/8

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

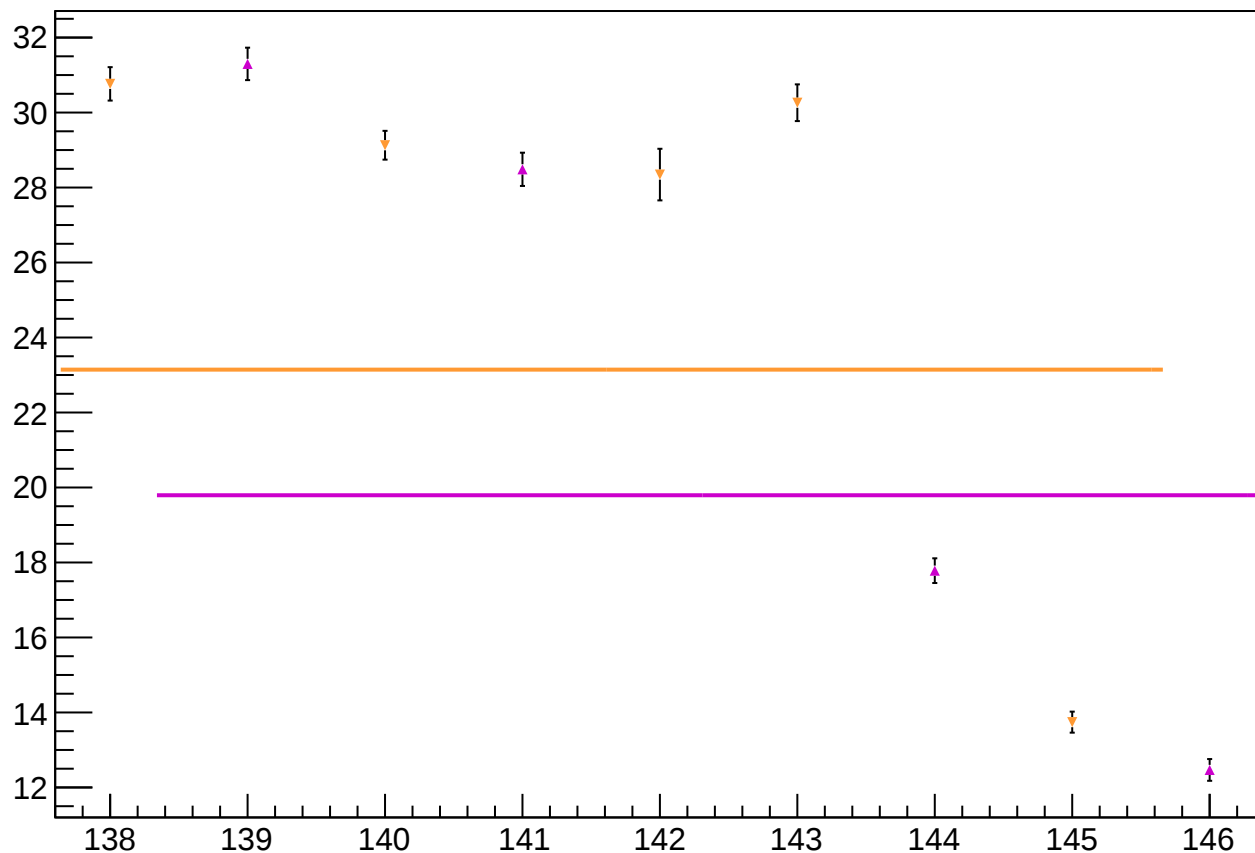


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.845+/-0.133 χ^2/NDF :186.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.321+/-0.129 χ^2/NDF :1147.7/3

Left: -2.091+/-0.093 χ^2/NDF : 1340.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.321+/-0.129 χ^2/NDF :1147.7/3
 Out: -1.845+/-0.133 χ^2/NDF :186.1/4

All: -2.091+/-0.093 χ^2/NDF : 1340.4/8

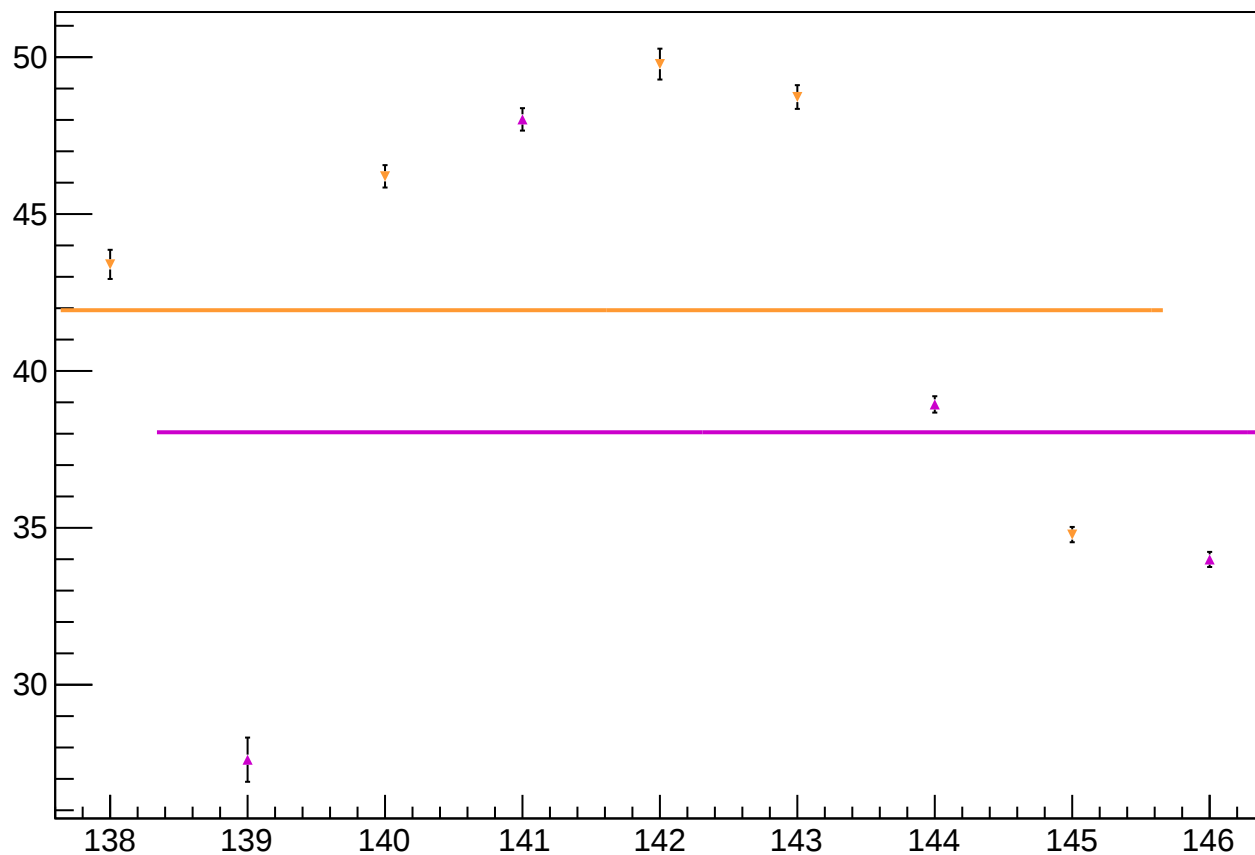
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.144+/-0.180 χ^2/NDF :1928.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.793+/-0.178 χ^2/NDF :1766.2/3

Left: 21.449+/-0.127 χ^2/NDF : 3869.5/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.793+/-0.178 χ^2/NDF :1766.2/3
 Out: 23.144+/-0.180 χ^2/NDF :1928.4/4
 All: 21.449+/-0.127 χ^2/NDF : 3869.5/8

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.936+/-0.157 χ^2/NDF :1588.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Left: 39.957+/-0.110 χ^2/NDF : 3192.3/8

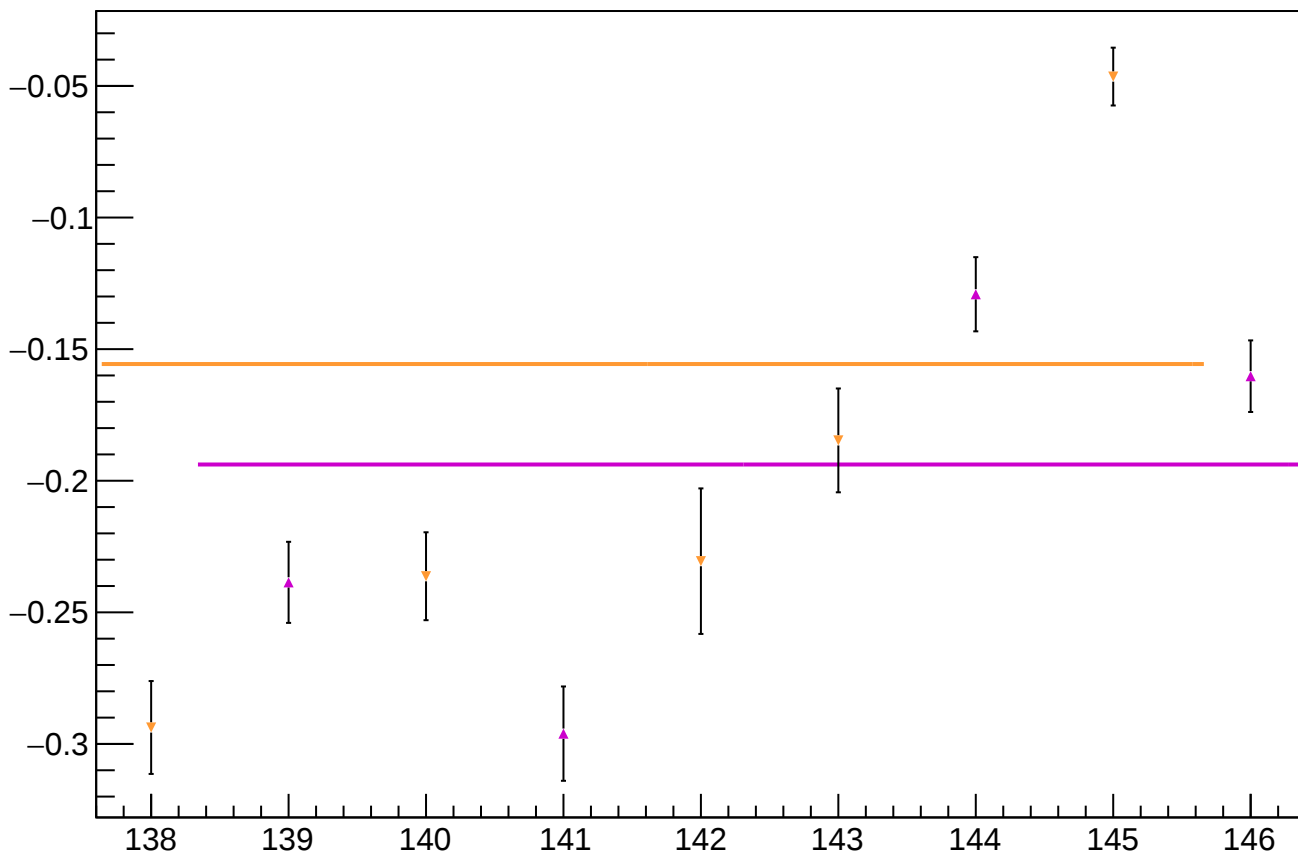
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.046+/-0.155 χ^2/NDF :1292.6/3

Out: 41.936+/-0.157 χ^2/NDF :1588.7/4

All: 39.957+/-0.110 χ^2/NDF : 3192.3/8

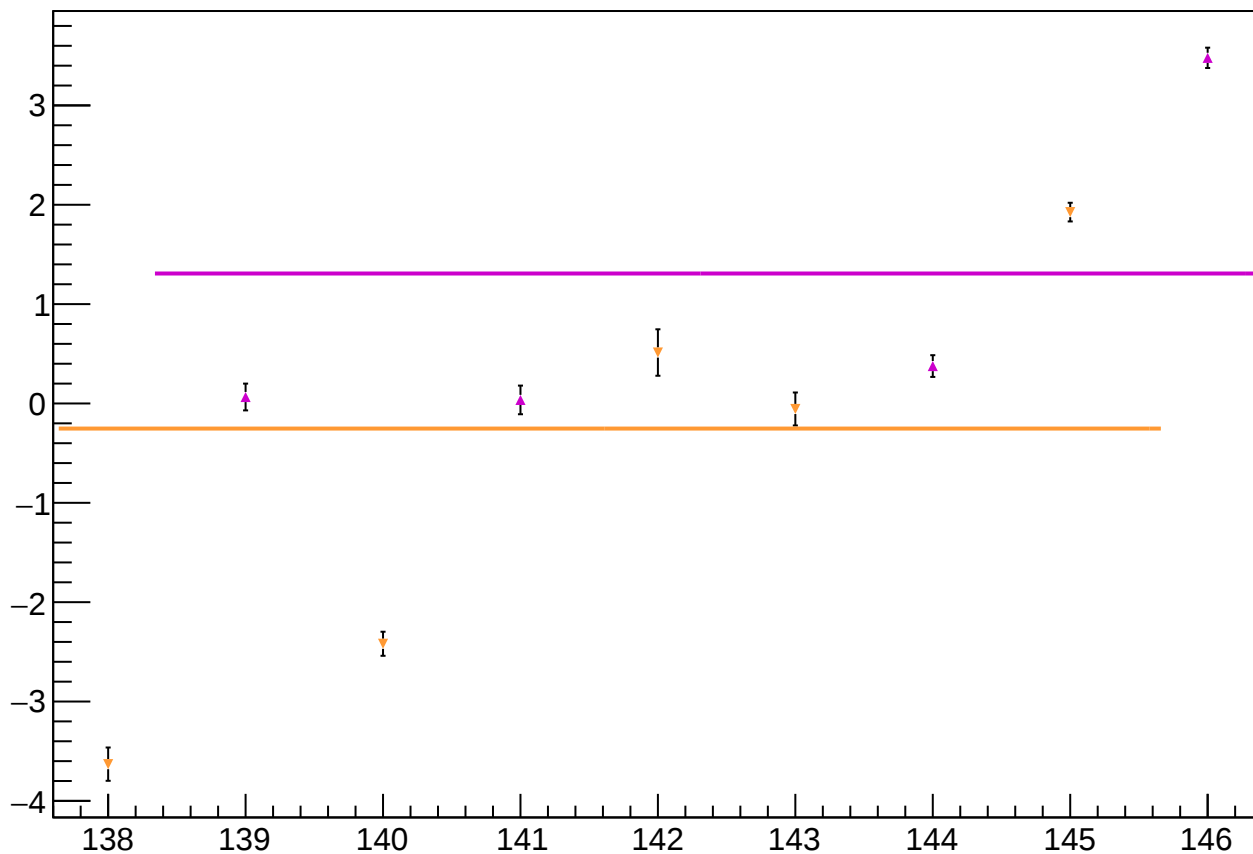
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.156+/-0.007 χ^2/NDF :192.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.194+/-0.008 χ^2/NDF :68.2/3

Left: -0.174+/-0.005 χ^2/NDF : 274.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.194+/-0.008 χ^2/NDF :68.2/3
 Out: -0.156+/-0.007 χ^2/NDF :192.9/4
 All: -0.174+/-0.005 χ^2/NDF : 274.4/8

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.253 $\pm$ 0.061 χ^2 /NDF:1276.3/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3

Left: 0.543 $\pm$ 0.042 χ^2 /NDF: 2299.5/8

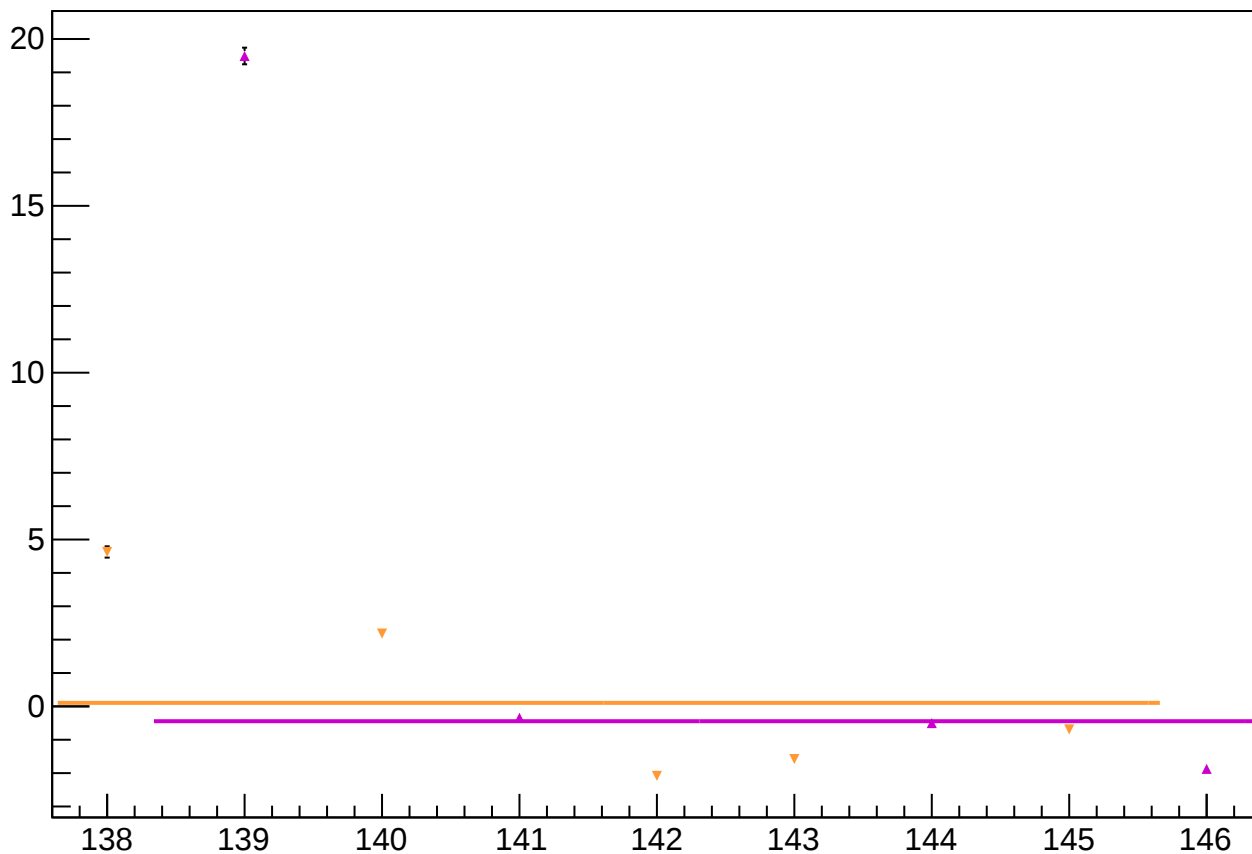
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3

Out: -0.253 $\pm$ 0.061 χ^2 /NDF:1276.3/4

All: 0.543 $\pm$ 0.042 χ^2 /NDF: 2299.5/8

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.106+/-0.048 χ^2/NDF :1689.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.444+/-0.045 χ^2/NDF :6861.1/3

Left: -0.190+/-0.033 χ^2/NDF : 8620.4/8

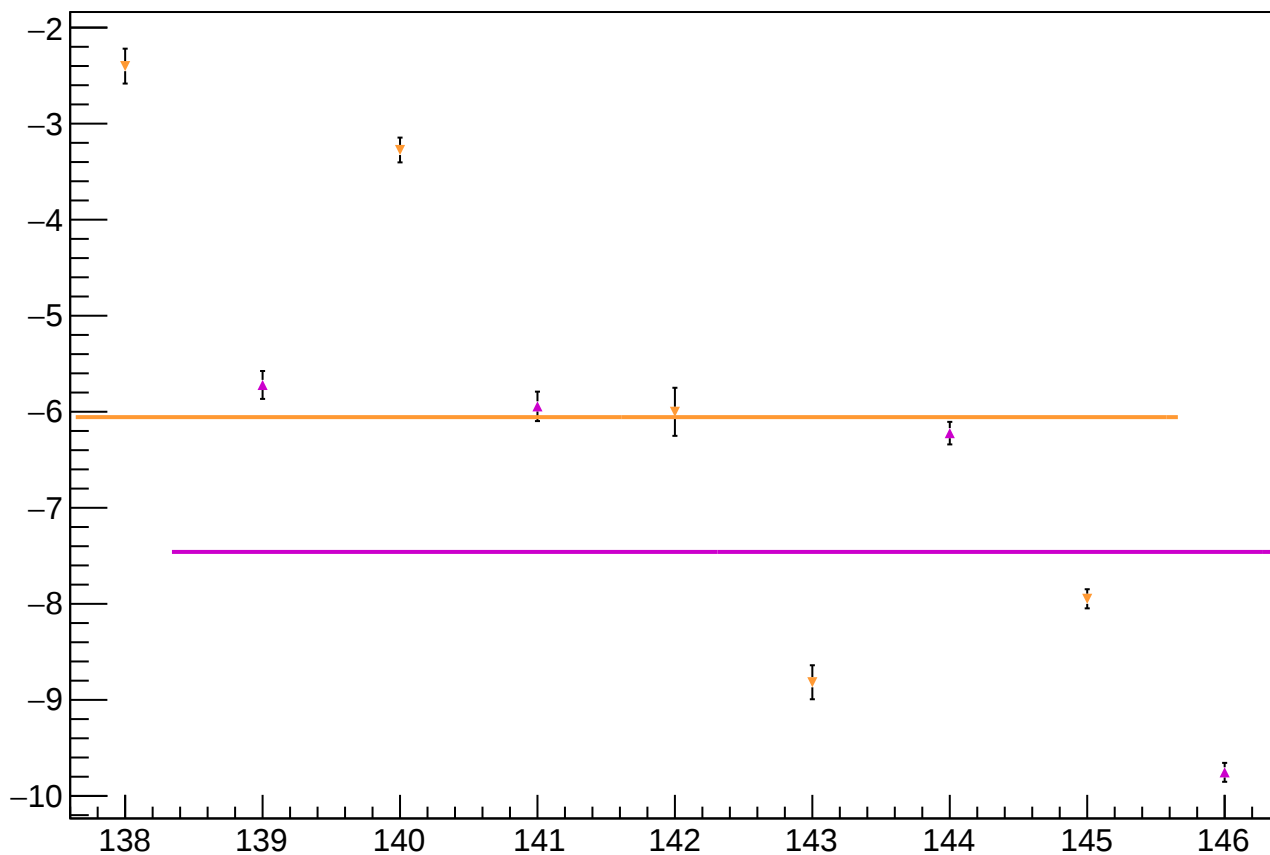
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.444+/-0.045 χ^2/NDF :6861.1/3

Out: 0.106+/-0.048 χ^2/NDF :1689.8/4

All: -0.190+/-0.033 χ^2/NDF : 8620.4/8

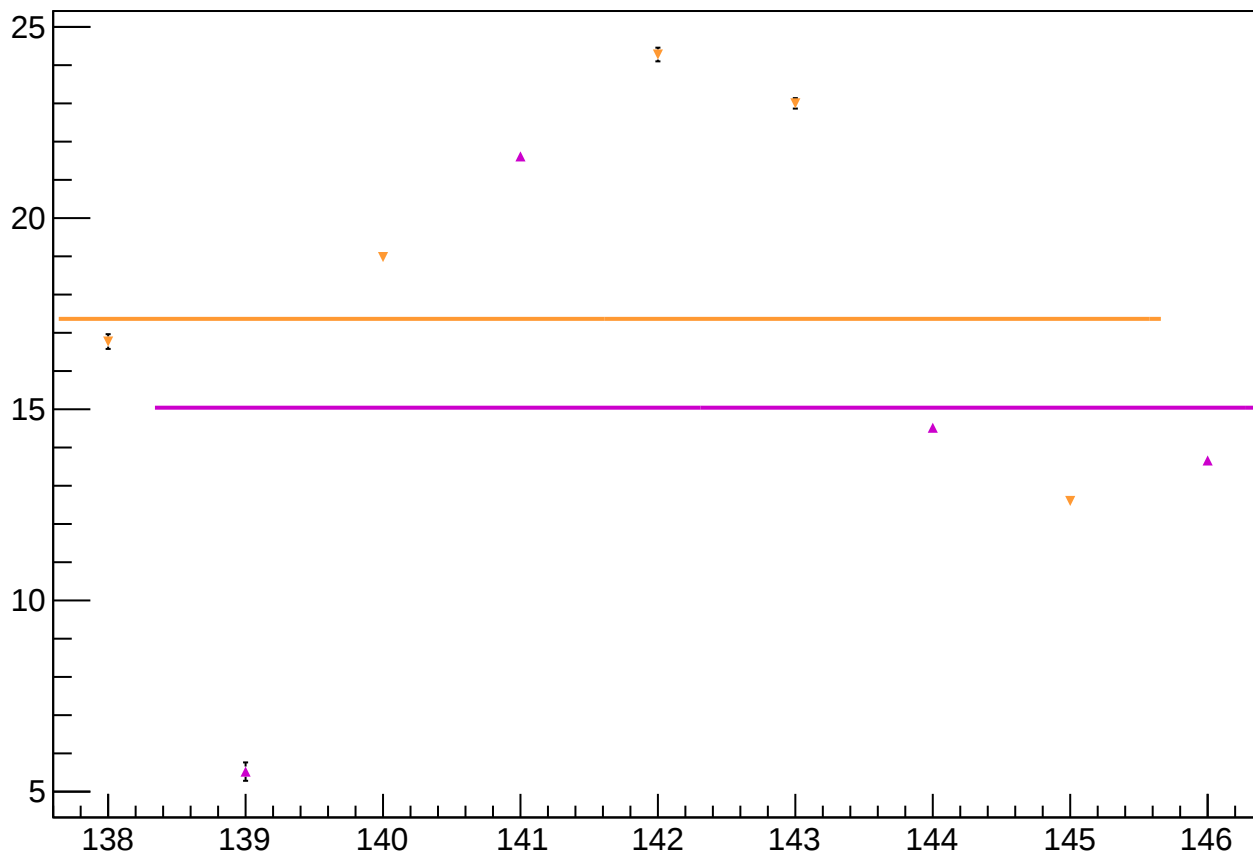
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.056+/-0.065 χ^2/NDF :1473.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.459+/-0.061 χ^2/NDF :895.0/3

Left: -6.795+/-0.045 χ^2/NDF : 2616.3/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.459+/-0.061 χ^2/NDF :895.0/3
 Out: -6.056+/-0.065 χ^2/NDF :1473.4/4
 All: -6.795+/-0.045 χ^2/NDF : 2616.3/8

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-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: 15.041+/-0.054 χ^2/NDF : 4698.2/3

Left: 16.136+/-0.039 χ^2/NDF : 11862.2/8

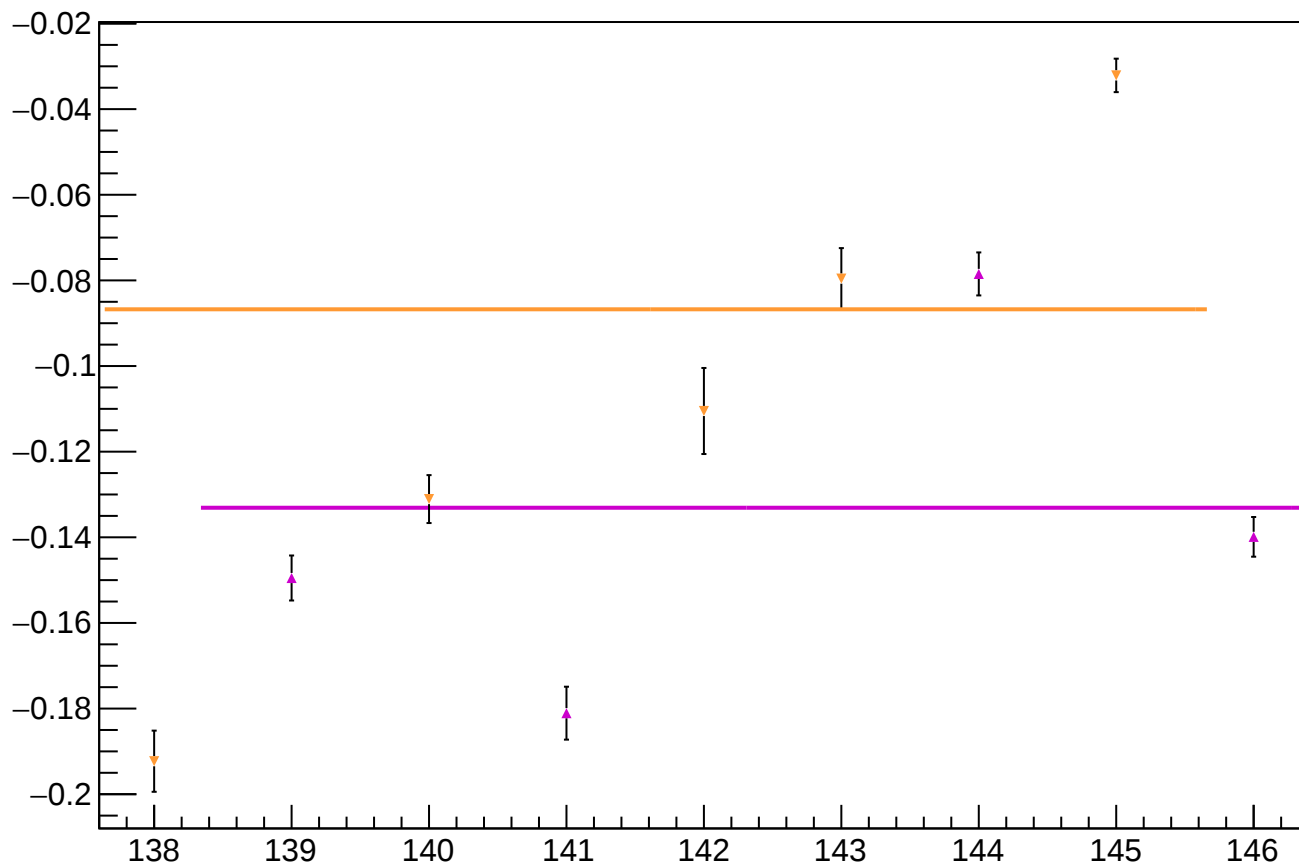
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.041+/-0.054 χ^2/NDF : 4698.2/3

Out: 17.365+/-0.057 χ^2/NDF : 6284.2/4

All: 16.136+/-0.039 χ^2/NDF : 11862.2/8

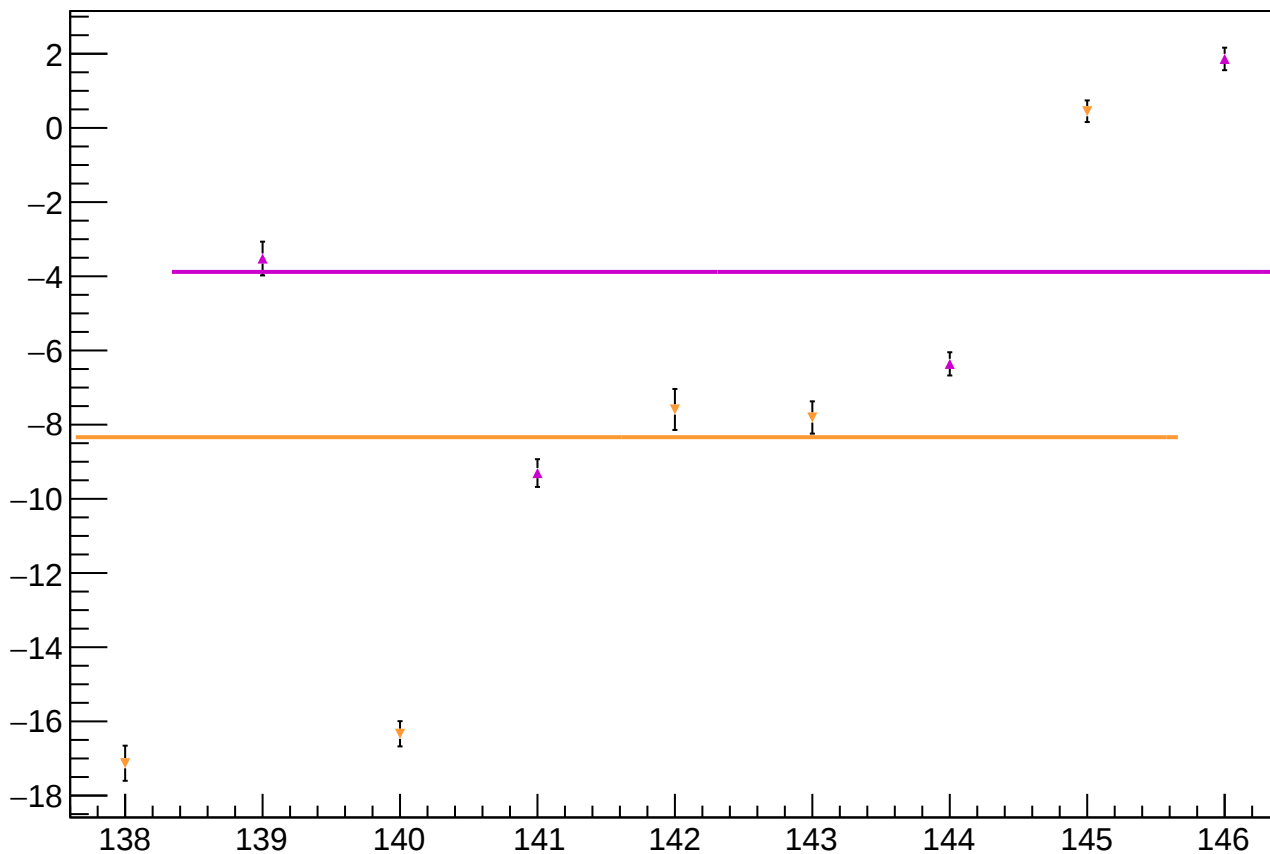
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.087+/-0.003 χ^2/NDF :483.1/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.133+/-0.003 χ^2/NDF :190.4/3

Left: -0.110+/-0.002 χ^2/NDF : 832.0/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.133+/-0.003 χ^2/NDF :190.4/3
 Out: -0.087+/-0.003 χ^2/NDF :483.1/4
 All: -0.110+/-0.002 χ^2/NDF : 832.0/8

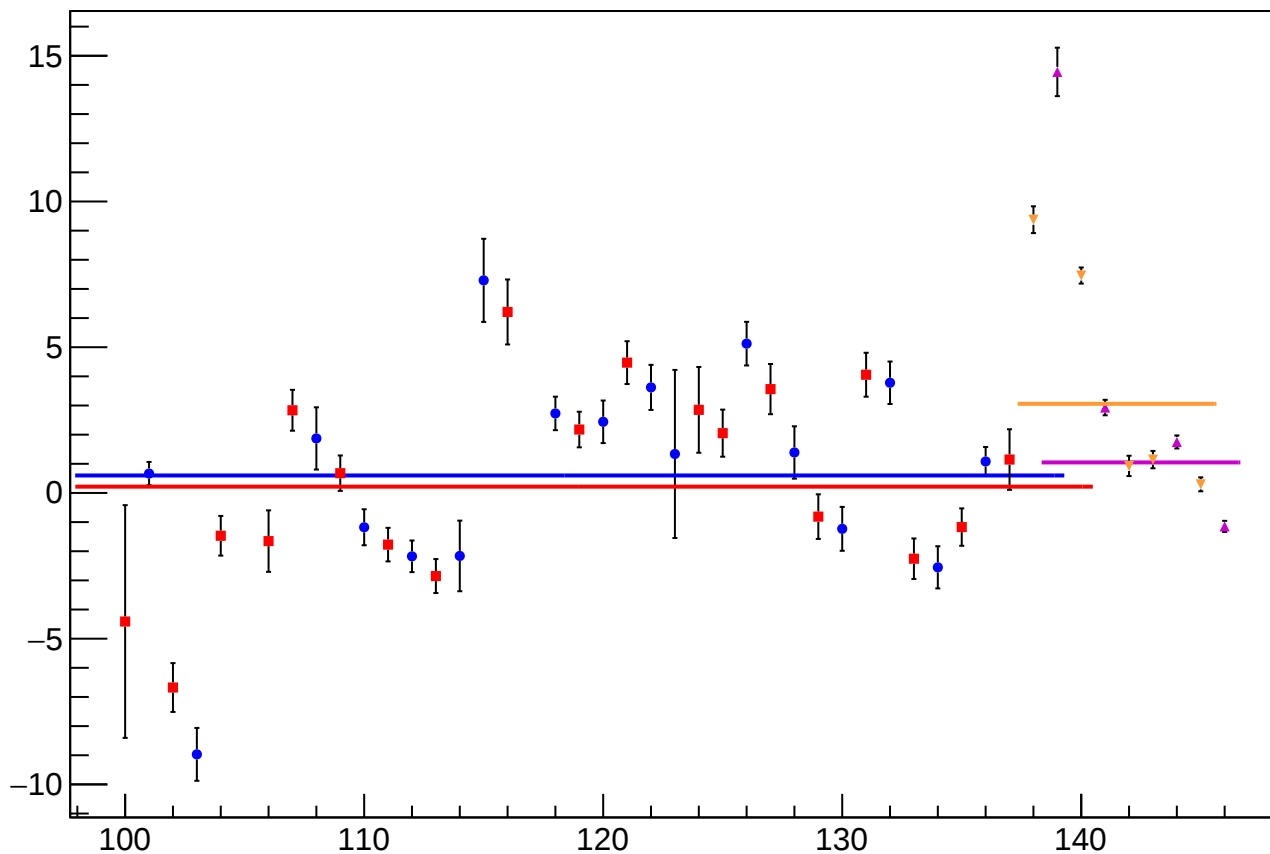
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.338+/-0.173 χ^2/NDF :1807.0/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.881+/-0.174 χ^2/NDF :632.0/3

Left: -6.121+/-0.123 χ^2/NDF : 2769.0/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.881+/-0.174 χ^2/NDF :632.0/3
 Out: -8.338+/-0.173 χ^2/NDF :1807.0/4
 All: -6.121+/-0.123 χ^2/NDF : 2769.0/8

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 3.058 $\pm$ 0.135 χ^2 /NDF:655.5/4

Right Out: 0.216 $\pm$ 0.175 χ^2 /NDF: 274.5/18

Left In: 1.048 $\pm$ 0.126 χ^2 /NDF:452.0/3

Left: 1.983 $\pm$ 0.092 χ^2 /NDF: 1226.3/8

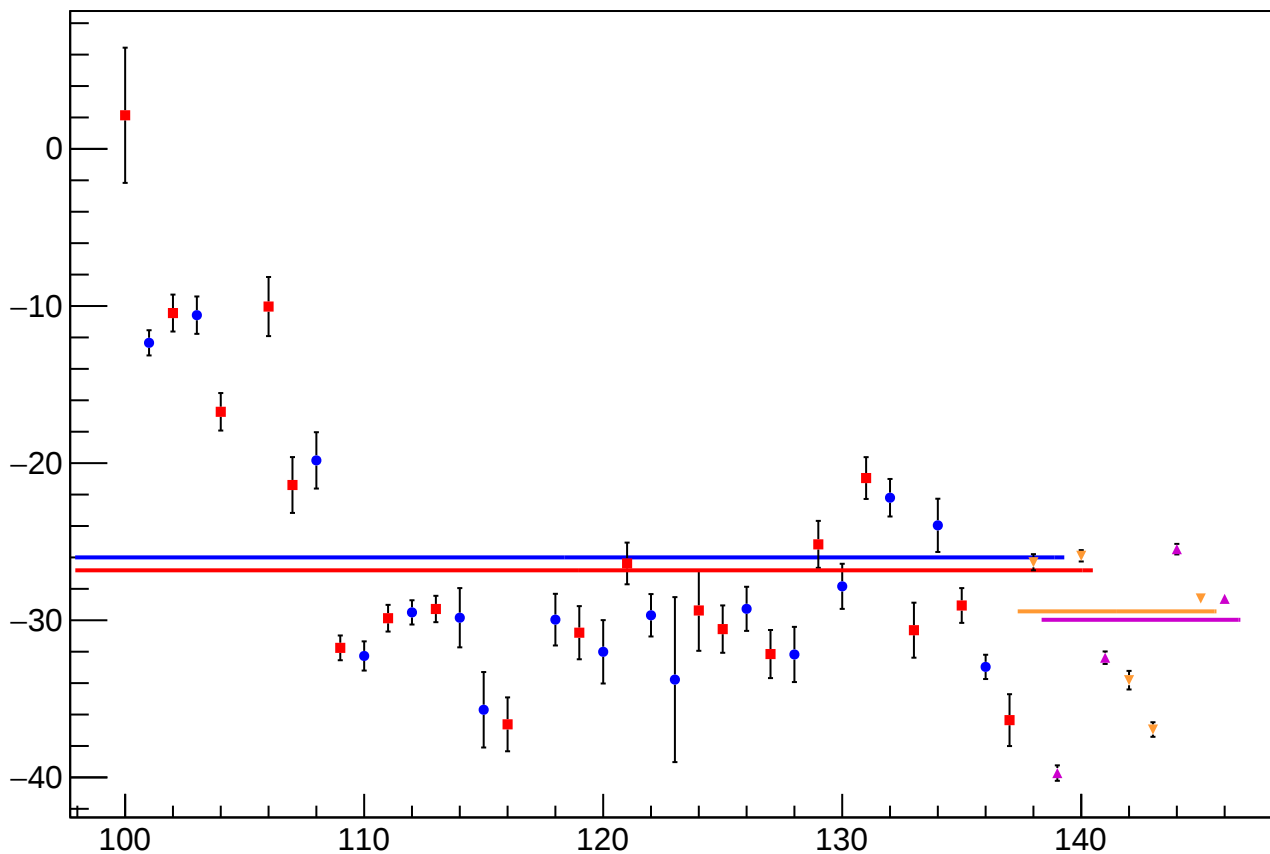
Right: 0.414 $\pm$ 0.122 χ^2 /NDF: 568.9/35

In: 0.888 $\pm$ 0.101 χ^2 /NDF:748.5/20

Out: 1.995 $\pm$ 0.107 χ^2 /NDF:1095.9/23

All: 1.411 $\pm$ 0.073 χ^2 /NDF: 1901.1/44

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: -29.970 ± 0.179 χ^2/NDF : 631.7/3

Left: -29.709 ± 0.129 χ^2/NDF : 1093.1/8

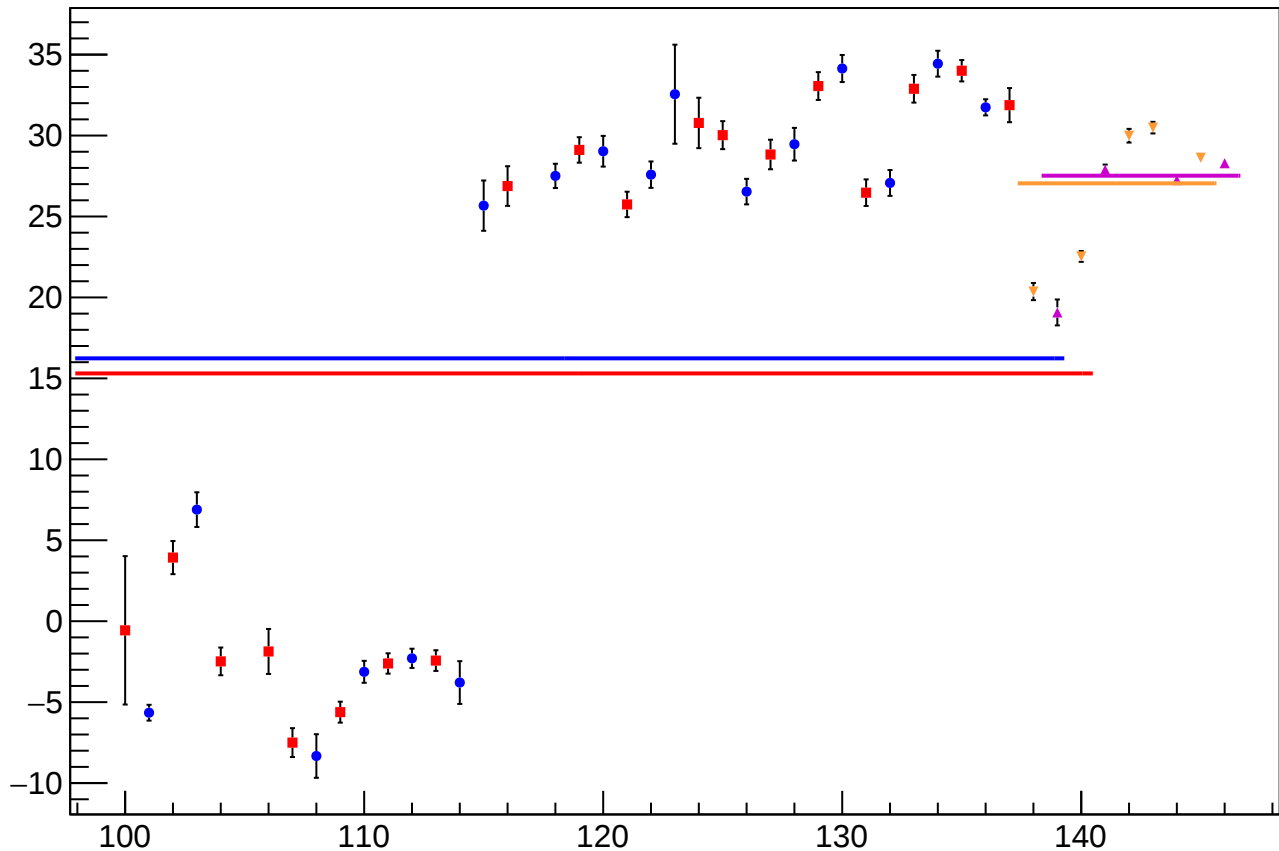
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -28.925 ± 0.154 χ^2/NDF : 1453.3/20

Out: -28.708 ± 0.157 χ^2/NDF : 1093.7/23

All: -28.819 ± 0.110 χ^2/NDF : 2548.0/44

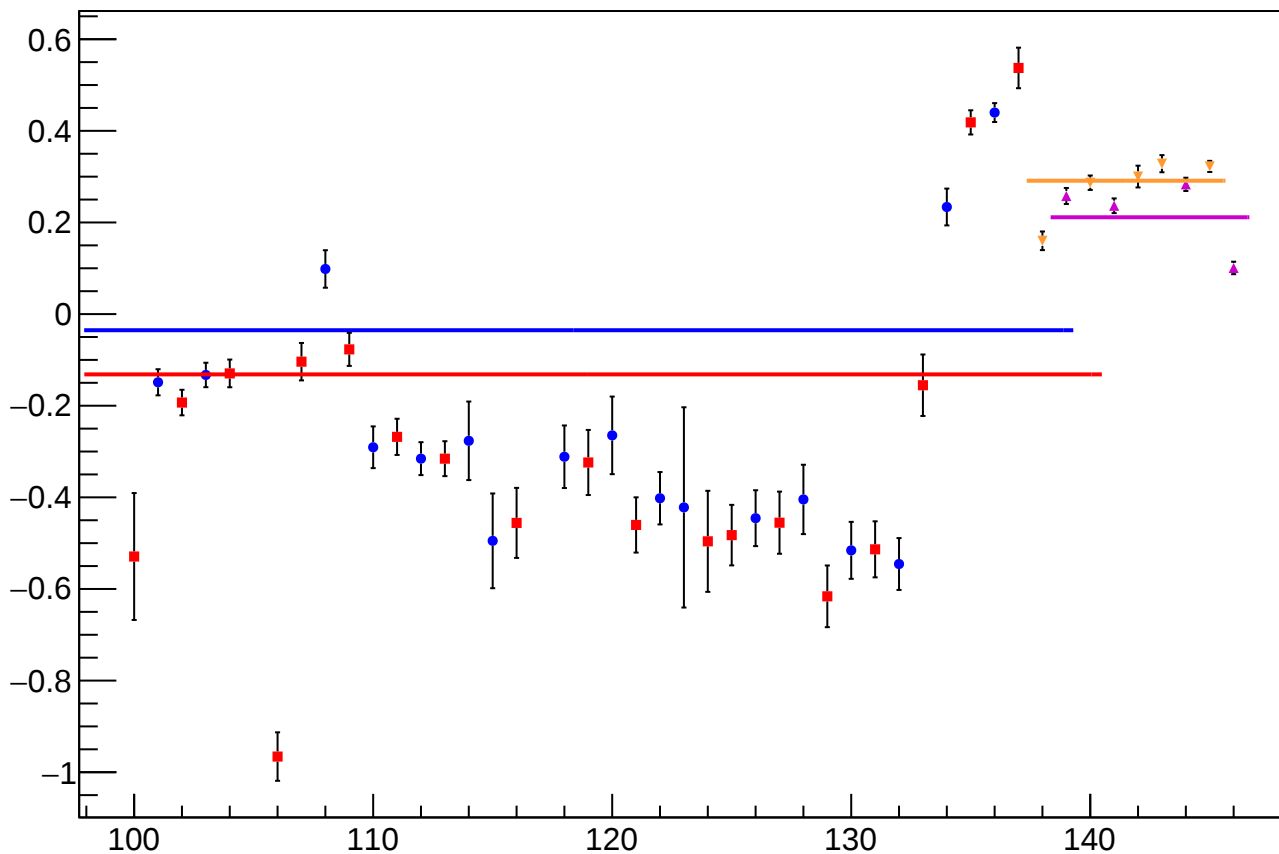
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 27.520 $\pm$ 0.152 χ^2 /NDF:123.8/3

Left: 27.296 $\pm$ 0.110 χ^2 /NDF: 644.0/8
 Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35
 In: 23.147 $\pm$ 0.119 χ^2 /NDF:9832.2/20
 Out: 22.387 $\pm$ 0.124 χ^2 /NDF:9930.3/23
 All: 22.782 $\pm$ 0.086 χ^2 /NDF: 19782.1/44

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: 0.211 ± 0.008 χ^2/NDF : 99.7/3

Left: 0.252 ± 0.005 χ^2/NDF : 208.0/8

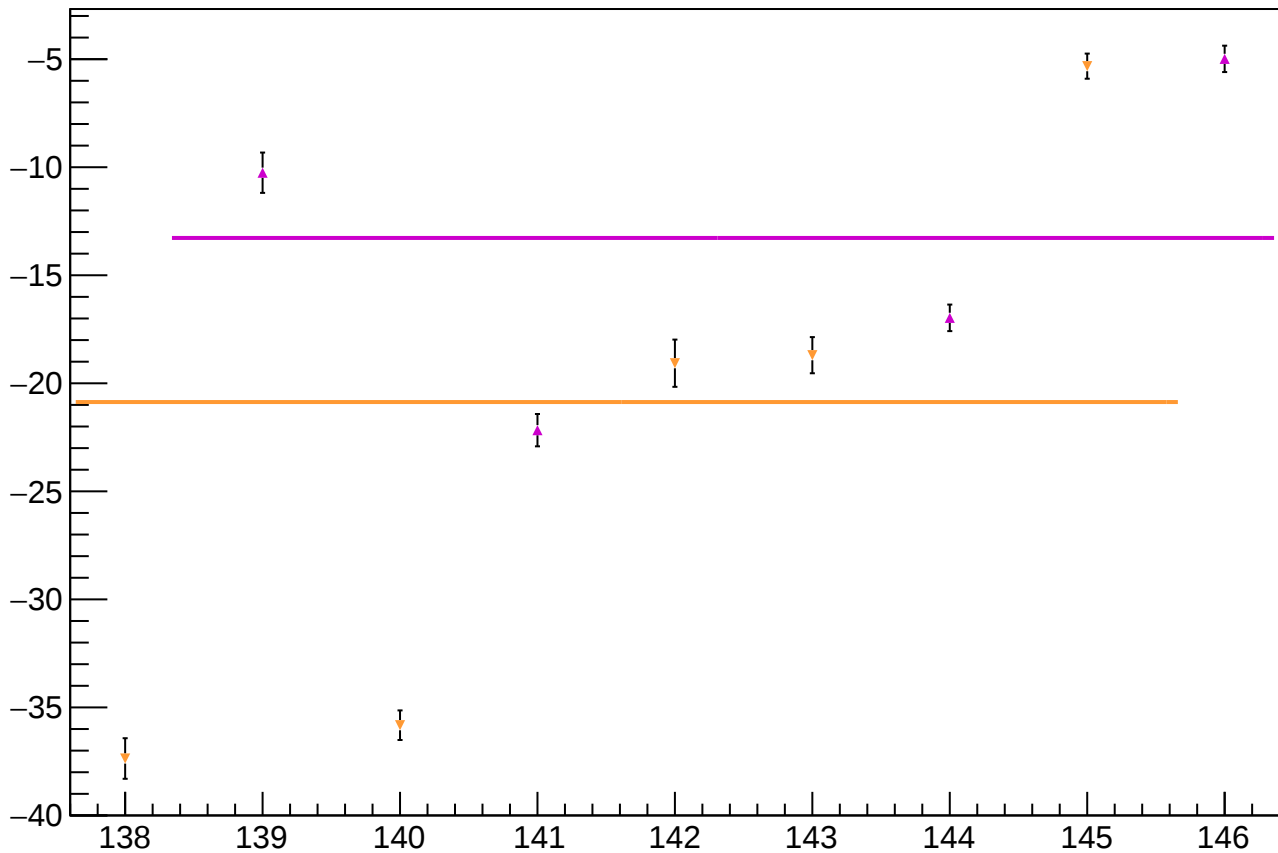
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.125 ± 0.006 χ^2/NDF : 1482.9/20

Out: 0.146 ± 0.006 χ^2/NDF : 2316.7/23

All: 0.135 ± 0.004 χ^2/NDF : 3805.9/44

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -20.867+/-0.343 χ^2/NDF :1509.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.273+/-0.348 χ^2/NDF :372.3/3

Left: -17.120+/-0.244 χ^2/NDF : 2123.4/8

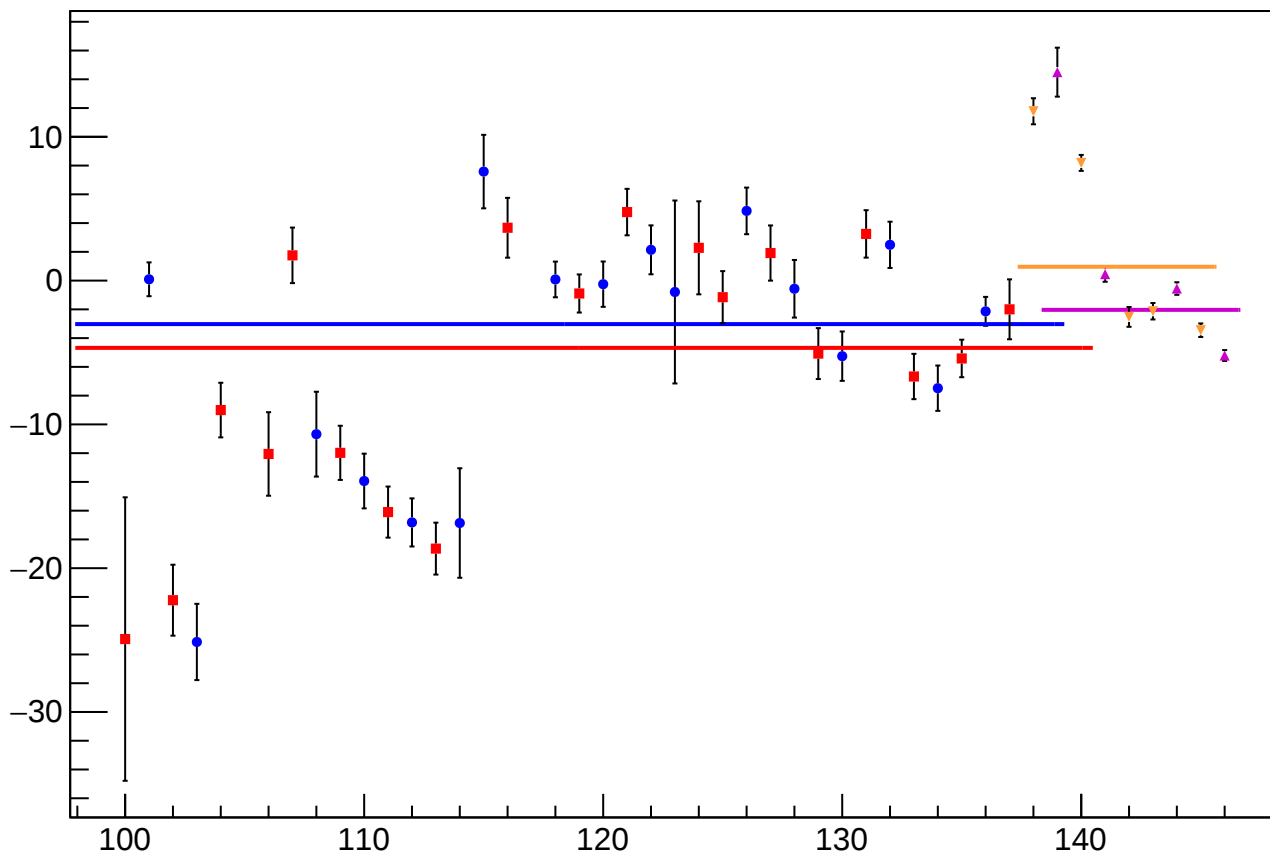
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.273+/-0.348 χ^2/NDF :372.3/3

Out: -20.867+/-0.343 χ^2/NDF :1509.5/4

All: -17.120+/-0.244 χ^2/NDF : 2123.4/8

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 0.963 ± 0.266 χ^2/NDF : 453.6/4

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.034 ± 0.249 χ^2/NDF : 198.5/3

Left: -0.637 ± 0.182 χ^2/NDF : 719.7/8

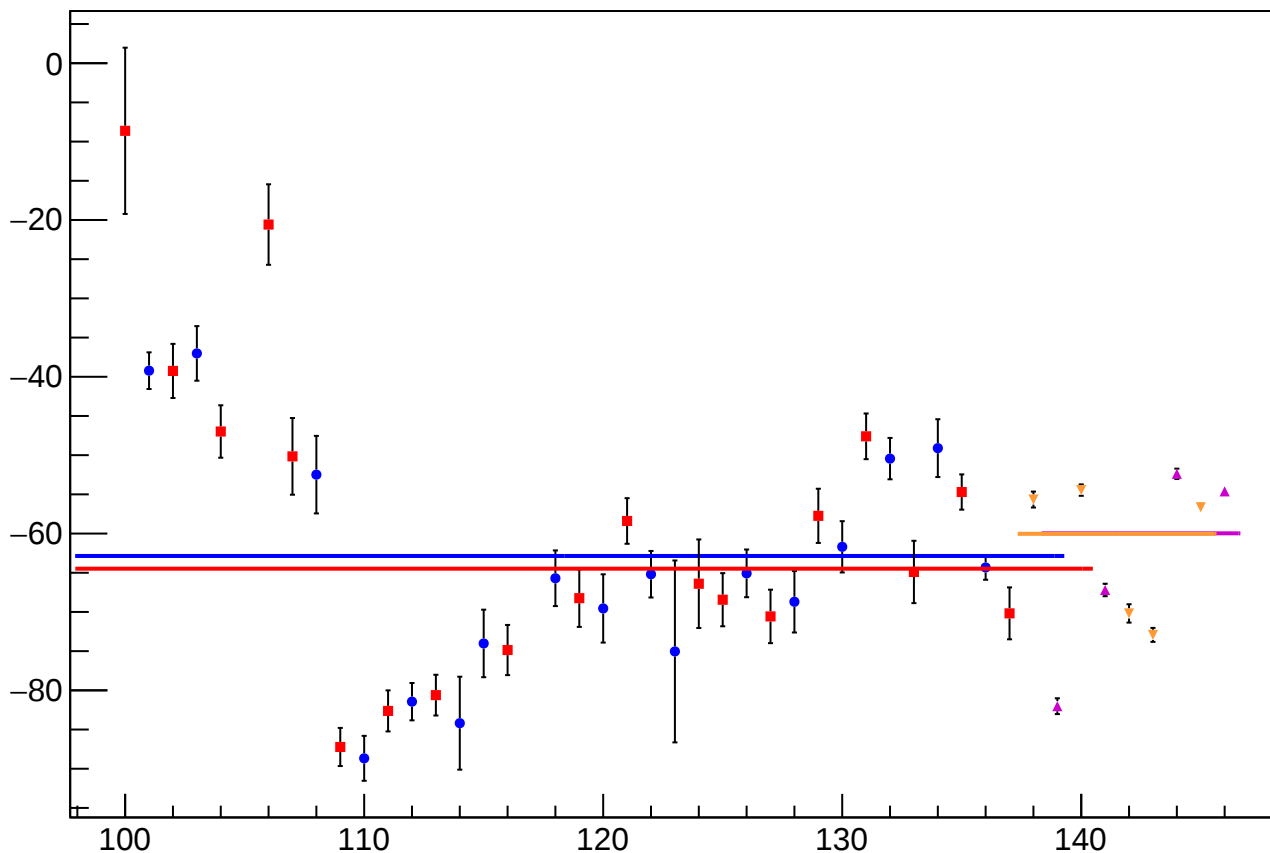
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.303 ± 0.212 χ^2/NDF : 483.4/20

Out: -0.621 ± 0.226 χ^2/NDF : 878.7/23

All: -1.513 ± 0.155 χ^2/NDF : 1391.5/44

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: -59.969 ± 0.359 $\chi^2/\text{NDF}: 777.0/3$

Left: -60.000 ± 0.256 $\chi^2/\text{NDF}: 1168.4/8$

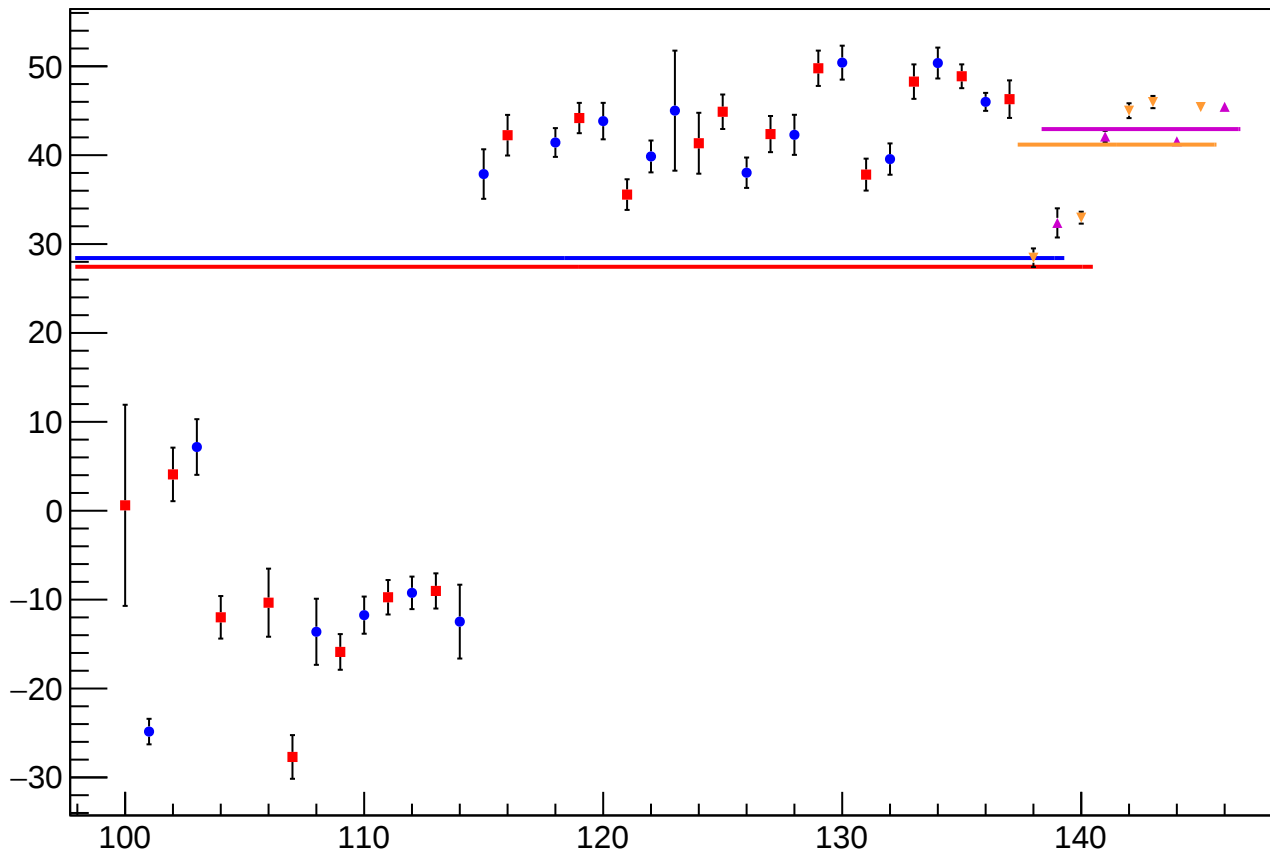
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -60.520 ± 0.323 $\chi^2/\text{NDF}: 1157.1/20$

Out: -60.887 ± 0.329 $\chi^2/\text{NDF}: 863.7/23$

All: -60.700 ± 0.230 $\chi^2/\text{NDF}: 2021.4/44$

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: 42.935 $\pm$ 0.302 χ^2 /NDF:77.8/3

Left: 42.099 $\pm$ 0.218 χ^2 /NDF: 520.4/8

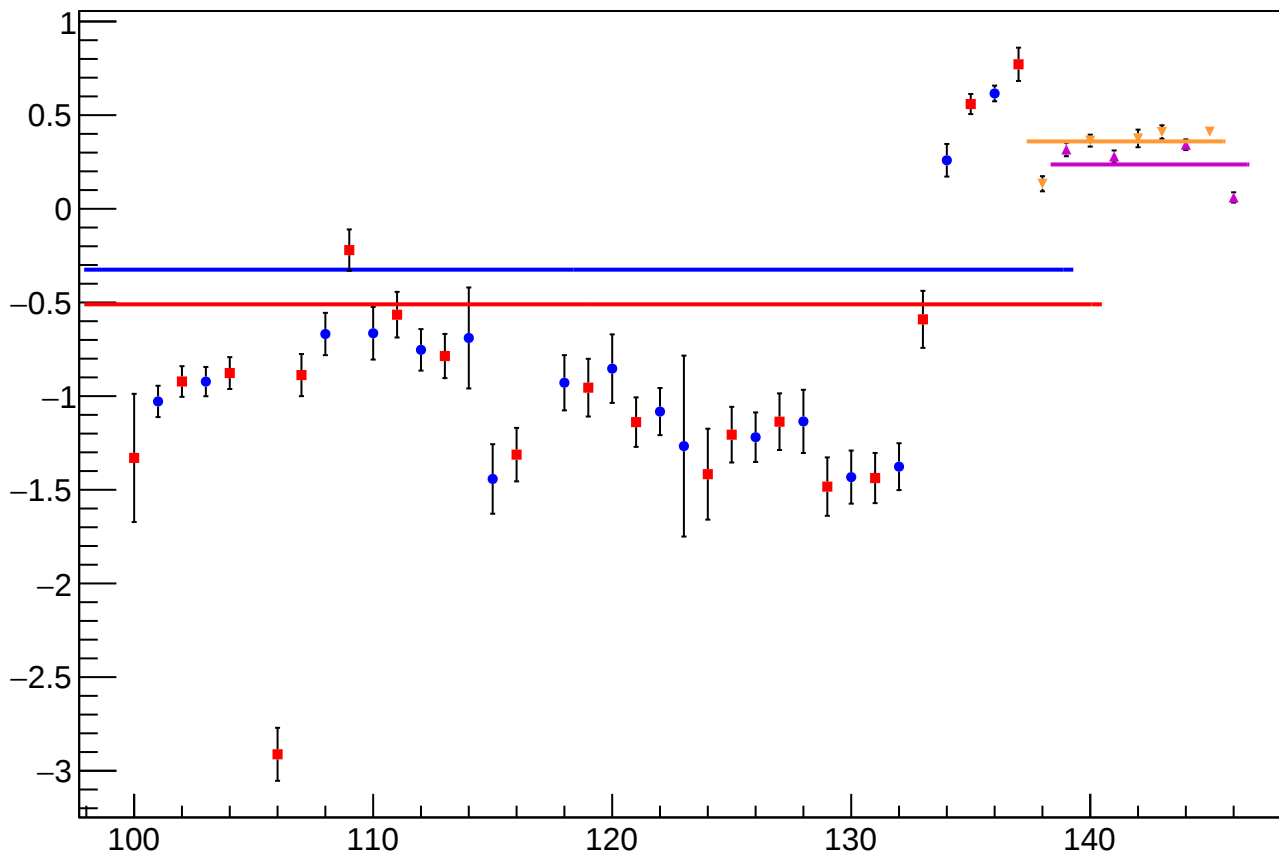
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.530 $\pm$ 0.252 χ^2 /NDF:4099.8/20

Out: 37.020 $\pm$ 0.263 χ^2 /NDF:4035.2/23

All: 37.808 $\pm$ 0.182 χ^2 /NDF: 8152.1/44

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: 0.237 ± 0.015 χ^2/NDF : 61.7/3

Left: 0.300 ± 0.011 χ^2/NDF : 133.1/8

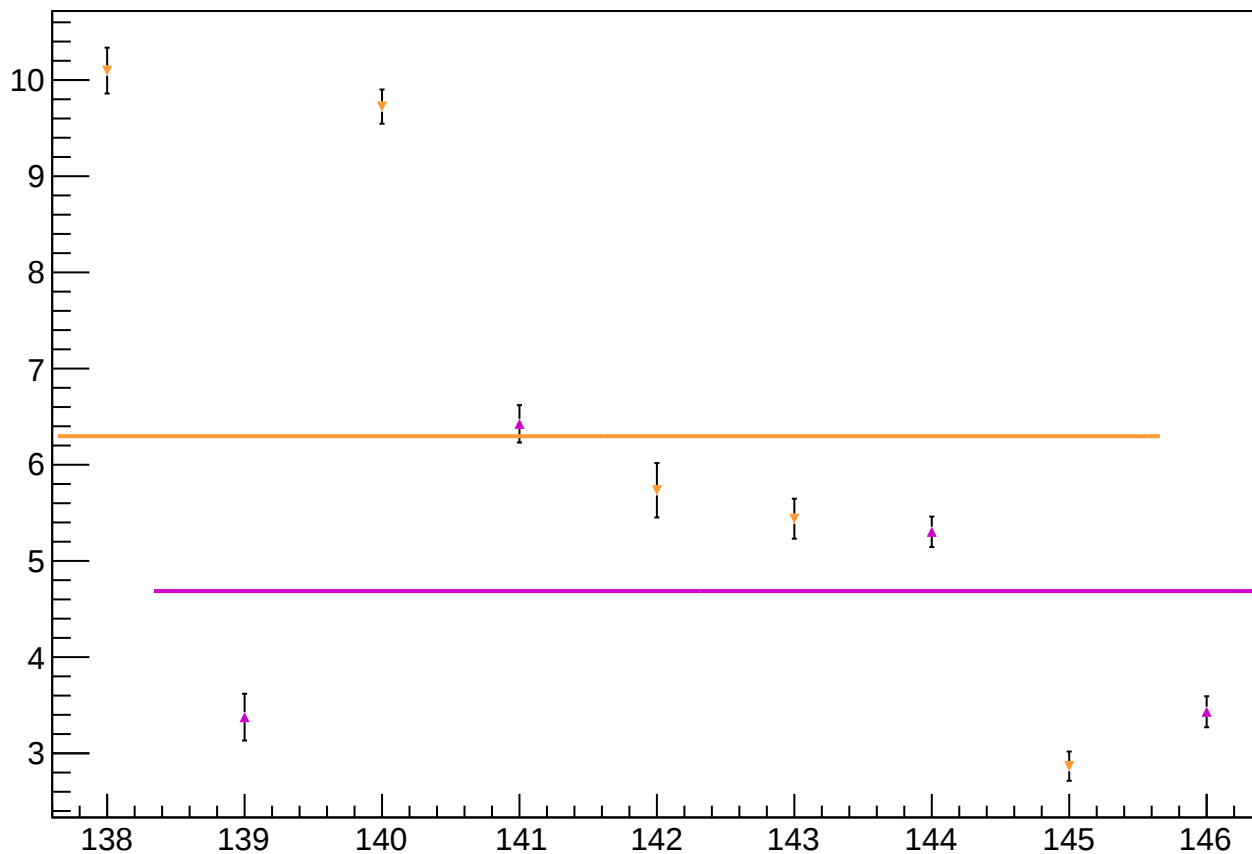
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.084 ± 0.013 χ^2/NDF : 1443.1/20

Out: 0.142 ± 0.013 χ^2/NDF : 2065.8/23

All: 0.113 ± 0.009 χ^2/NDF : 3519.0/44

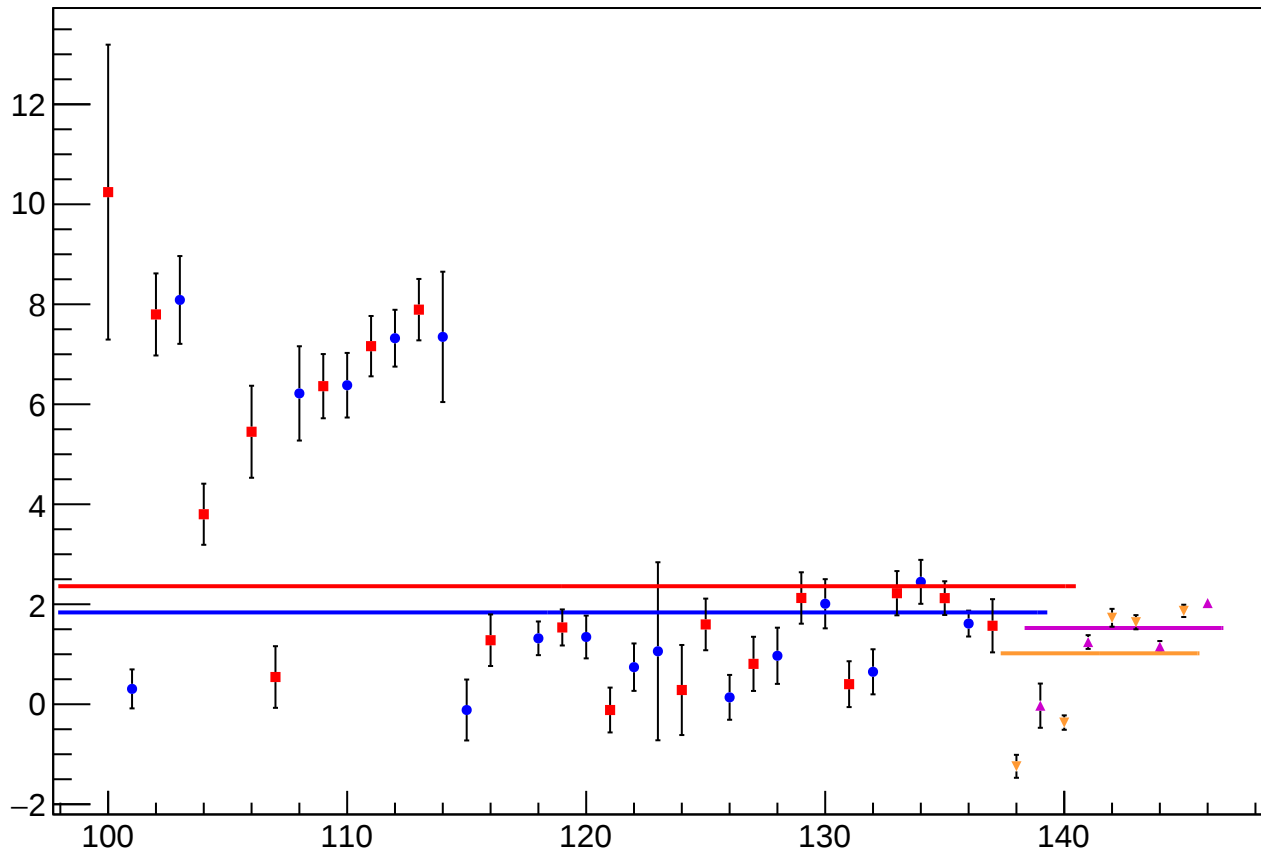
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.297+/-0.088 χ^2/NDF :1154.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.687+/-0.091 χ^2/NDF :184.9/3

Left: 5.512+/-0.063 χ^2/NDF : 1501.0/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.687+/-0.091 χ^2/NDF :184.9/3
 Out: 6.297+/-0.088 χ^2/NDF :1154.4/4
 All: 5.512+/-0.063 χ^2/NDF : 1501.0/8

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.019 $\pm$ 0.068 χ^2 /NDF:271.9/4

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.525 $\pm$ 0.064 χ^2 /NDF:53.4/3

Left: 1.287 $\pm$ 0.047 χ^2 /NDF: 354.4/8

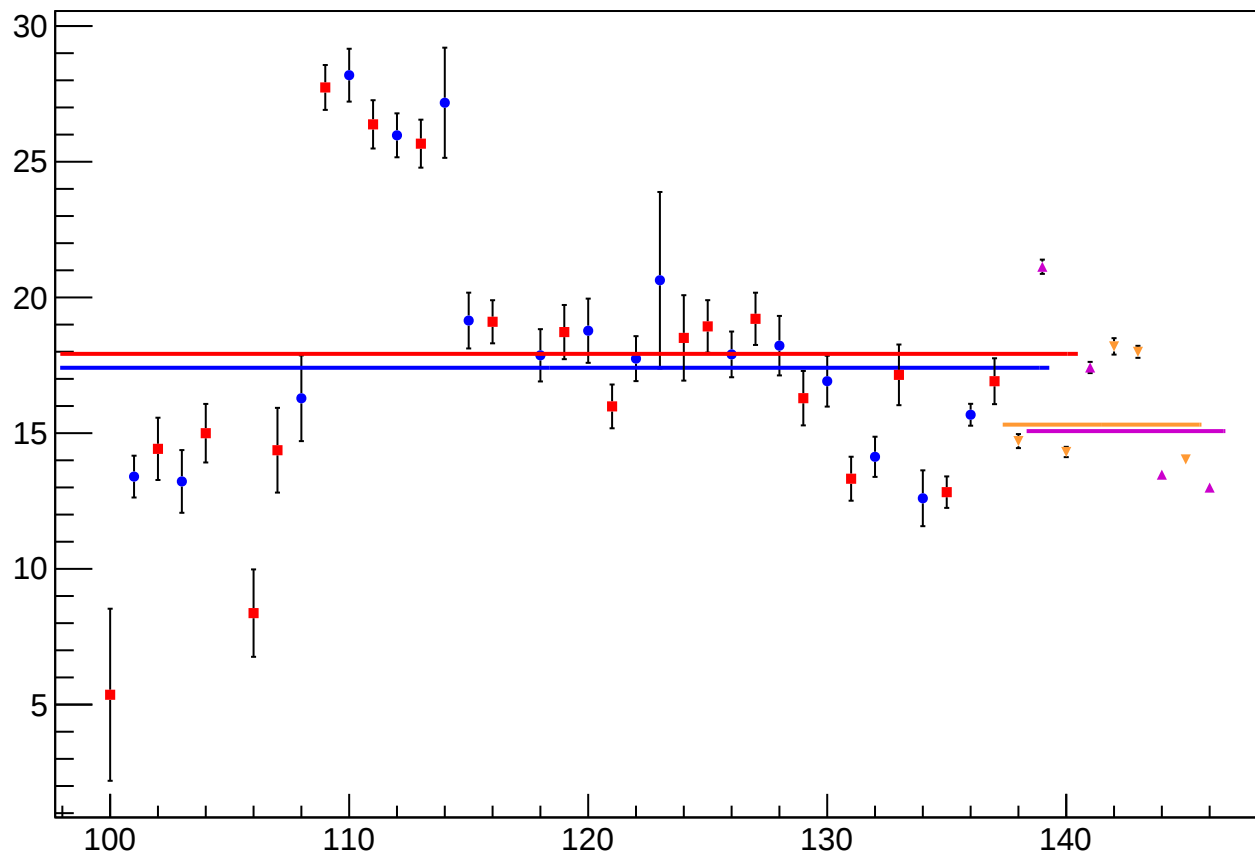
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.598 $\pm$ 0.056 χ^2 /NDF:353.0/20

Out: 1.337 $\pm$ 0.060 χ^2 /NDF:700.5/23

All: 1.475 $\pm$ 0.041 χ^2 /NDF: 1063.6/44

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: 15.076 $\pm$ 0.093 χ^2 /NDF: 930.9/3

Left: 15.194 $\pm$ 0.066 χ^2 /NDF: 1268.2/8

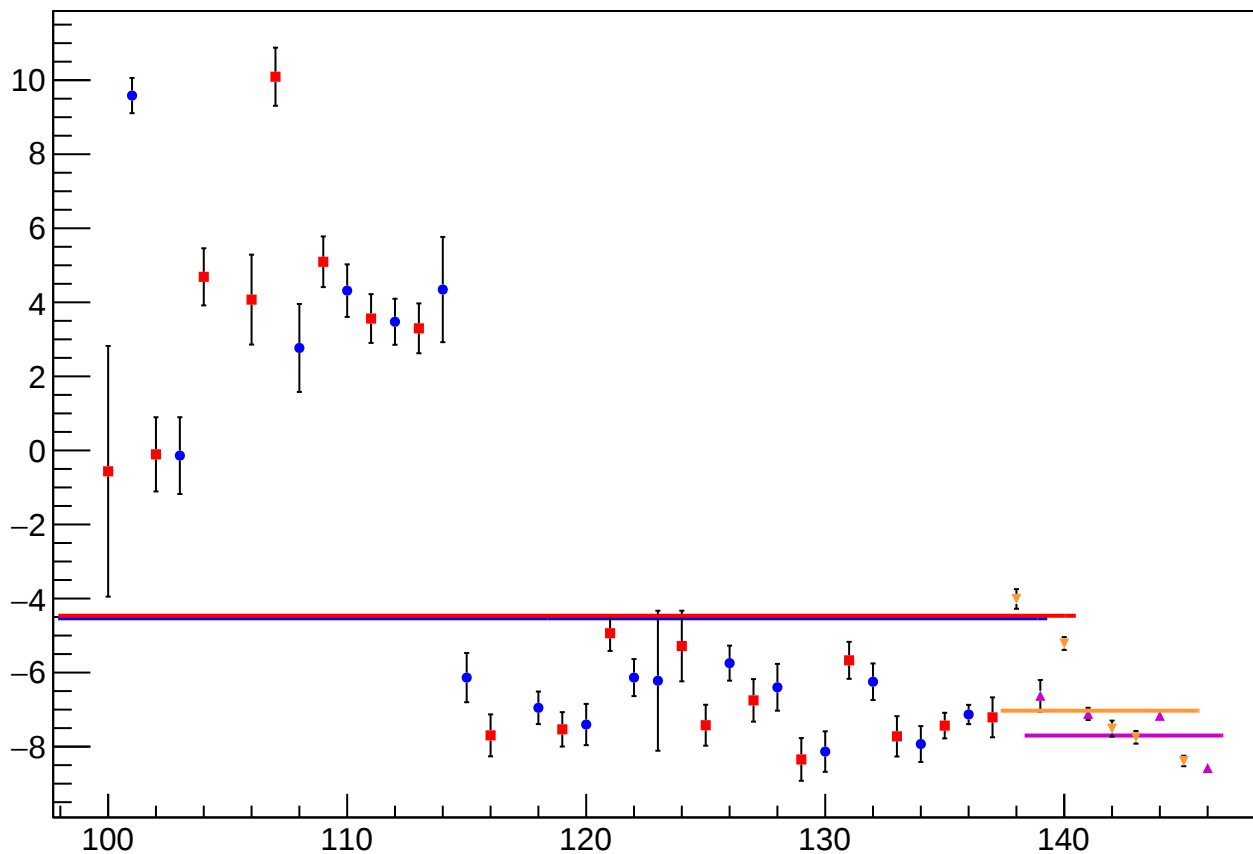
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 15.456 $\pm$ 0.086 χ^2 /NDF: 1397.4/20

Out: 15.723 $\pm$ 0.087 χ^2 /NDF: 960.4/23

All: 15.588 $\pm$ 0.061 χ^2 /NDF: 2362.6/44

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: -7.700 ± 0.078 χ^2/NDF : 84.5/3

Left: -7.375 ± 0.056 χ^2/NDF : 471.3/8

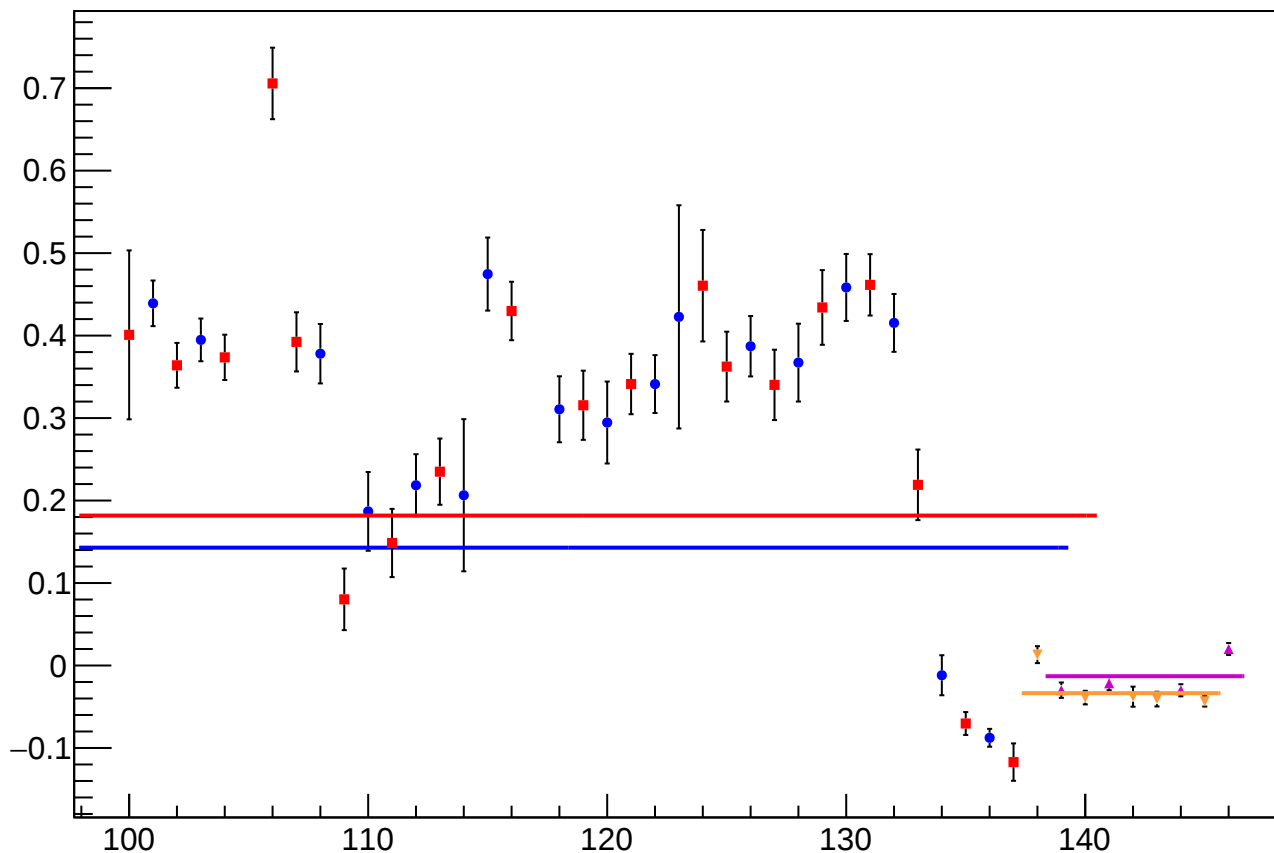
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.851 ± 0.067 χ^2/NDF : 2109.5/20

Out: -6.363 ± 0.070 χ^2/NDF : 1952.2/23

All: -6.616 ± 0.048 χ^2/NDF : 4087.1/44

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.034 ± 0.004 $\chi^2/\text{NDF}: 24.3/4$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.013 ± 0.004 $\chi^2/\text{NDF}: 30.6/3$

Left: -0.024 ± 0.003 $\chi^2/\text{NDF}: 68.9/8$

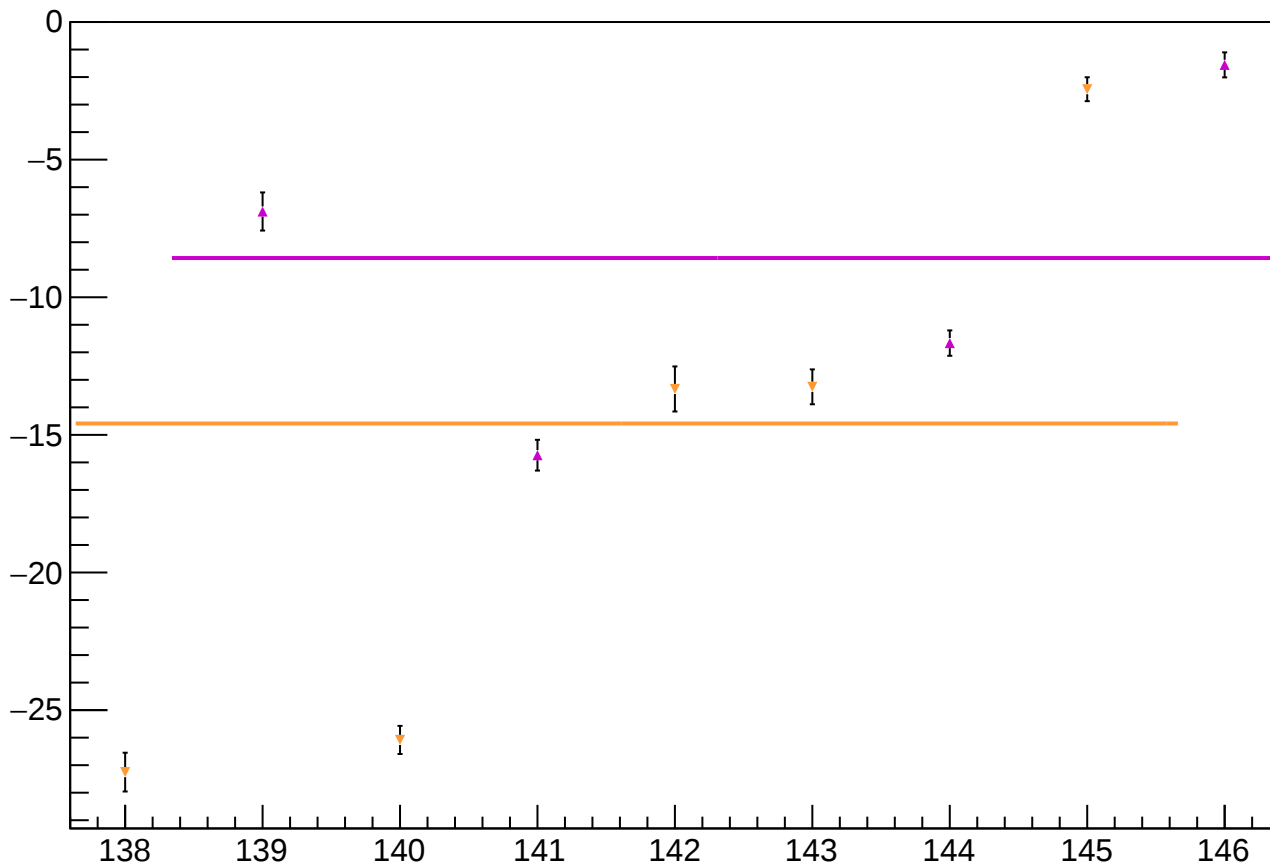
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.024 ± 0.003 $\chi^2/\text{NDF}: 1460.3/20$

Out: 0.012 ± 0.003 $\chi^2/\text{NDF}: 1703.1/23$

All: 0.018 ± 0.002 $\chi^2/\text{NDF}: 3169.9/44$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.586+/-0.257 χ^2/NDF :1619.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.575+/-0.260 χ^2/NDF :453.8/3

Left: -11.610+/-0.183 χ^2/NDF : 2344.0/8

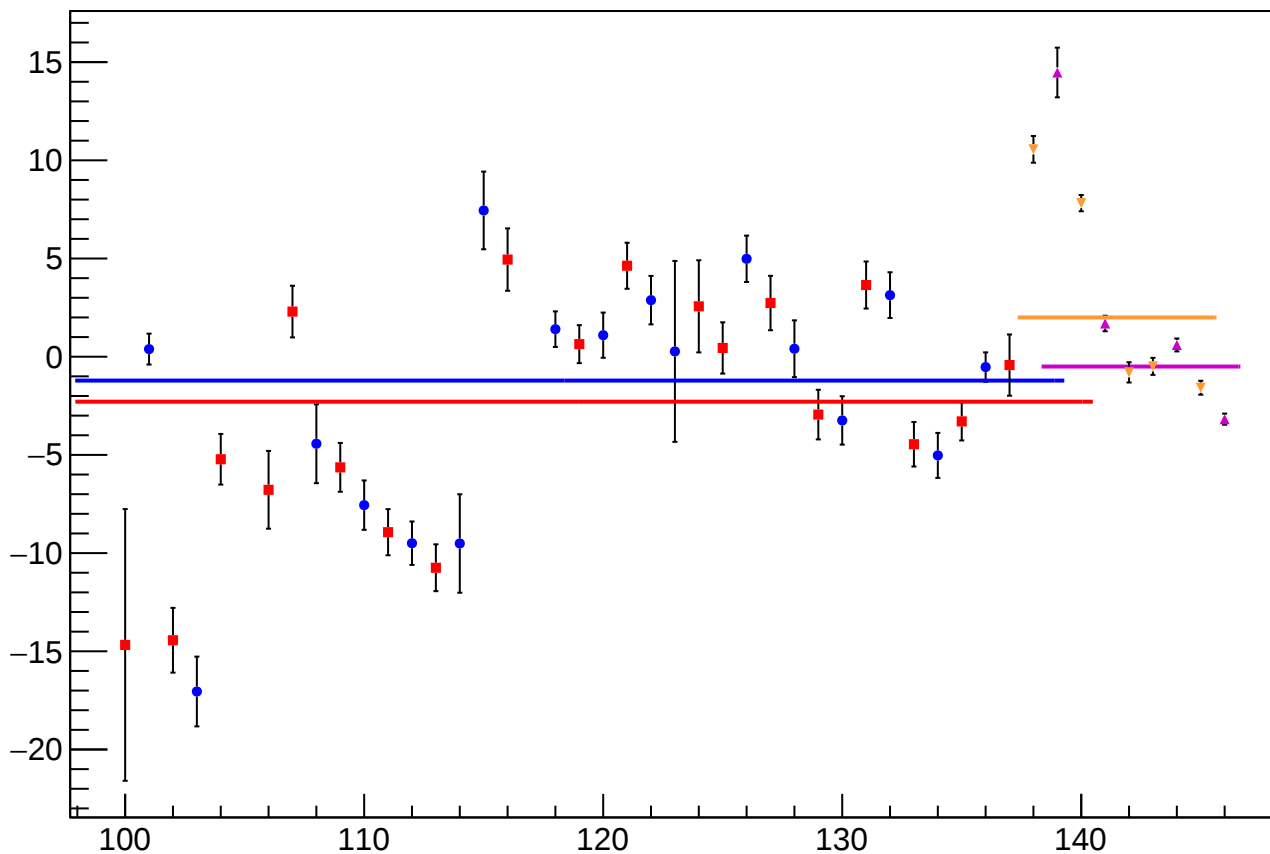
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.575+/-0.260 χ^2/NDF :453.8/3

Out: -14.586+/-0.257 χ^2/NDF :1619.4/4

All: -11.610+/-0.183 χ^2/NDF : 2344.0/8

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 1.999 ± 0.200 χ^2/NDF : 520.4/4

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -0.501 ± 0.186 χ^2/NDF : 271.8/3

Left: 0.663 ± 0.136 χ^2/NDF : 875.9/8

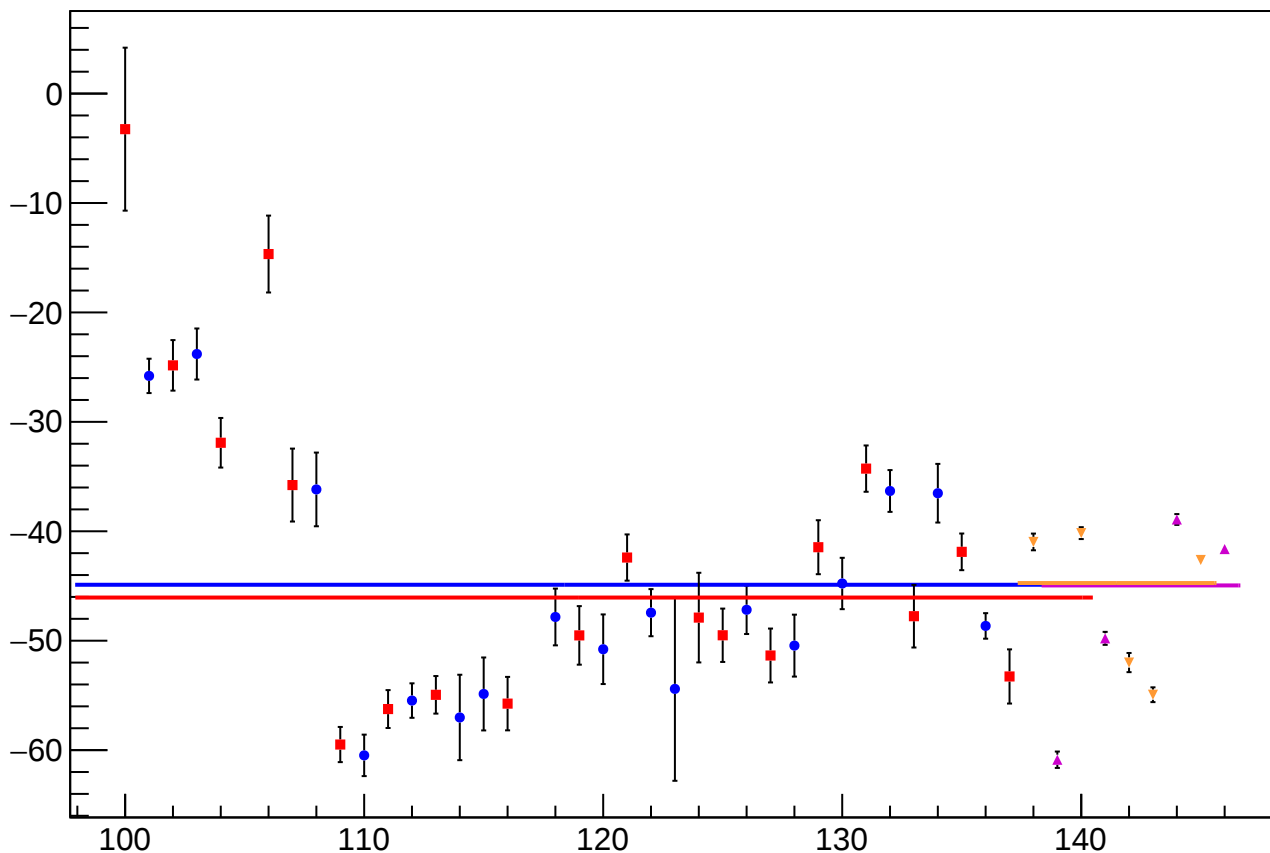
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -0.709 ± 0.157 χ^2/NDF : 554.8/20

Out: 0.695 ± 0.167 χ^2/NDF : 947.7/23

All: -0.050 ± 0.114 χ^2/NDF : 1540.2/44

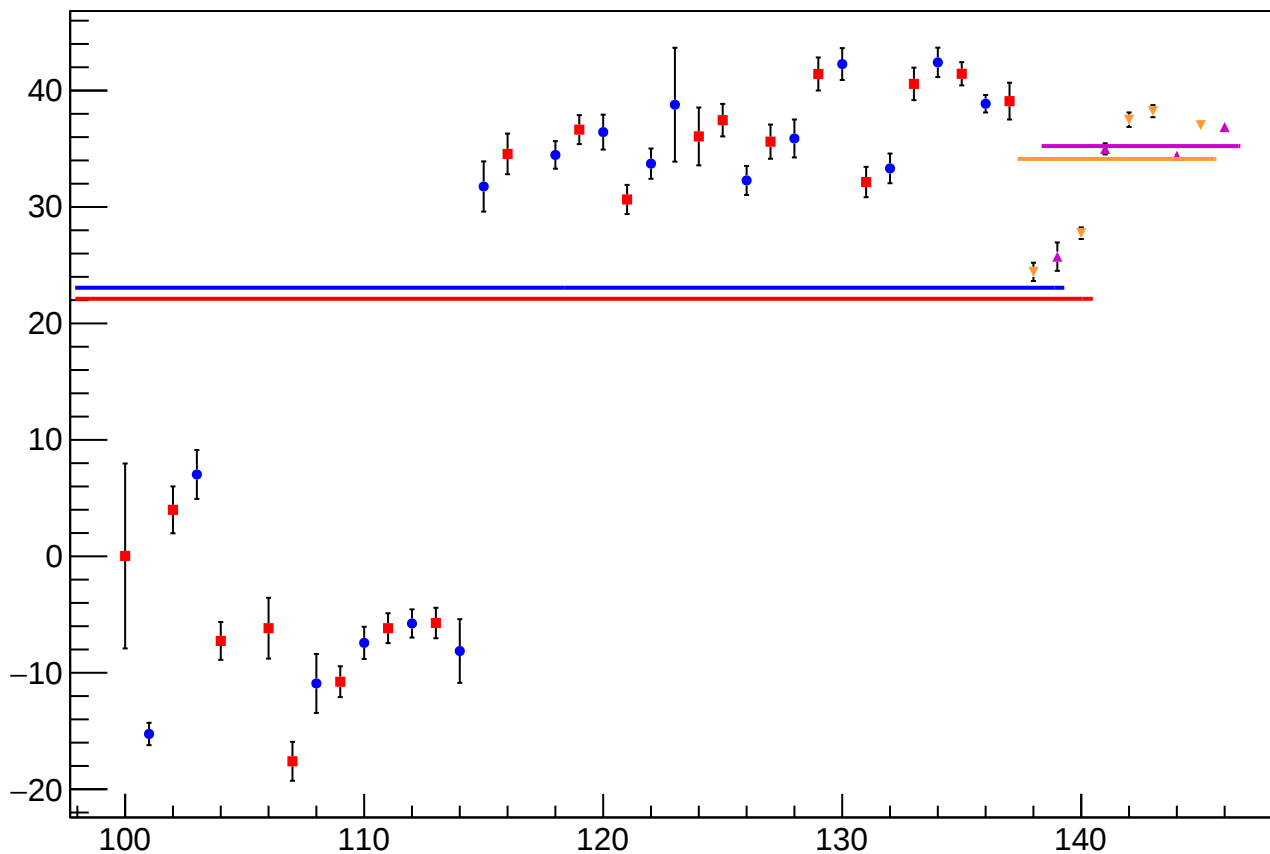
reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$
 Left Out: -44.730 ± 0.274 $\chi^2/\text{NDF}: 412.5/4$
 Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$
 Left In: -44.948 ± 0.268 $\chi^2/\text{NDF}: 726.0/3$

Left: -44.842 ± 0.191 $\chi^2/\text{NDF}: 1138.9/8$
 Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$
 In: -44.936 ± 0.238 $\chi^2/\text{NDF}: 1146.4/20$
 Out: -45.012 ± 0.243 $\chi^2/\text{NDF}: 871.2/23$
 All: -44.973 ± 0.170 $\chi^2/\text{NDF}: 2017.7/44$

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: 35.231 $\pm$ 0.226 χ^2 /NDF:86.6/3

Left: 34.706 $\pm$ 0.163 χ^2 /NDF: 553.1/8

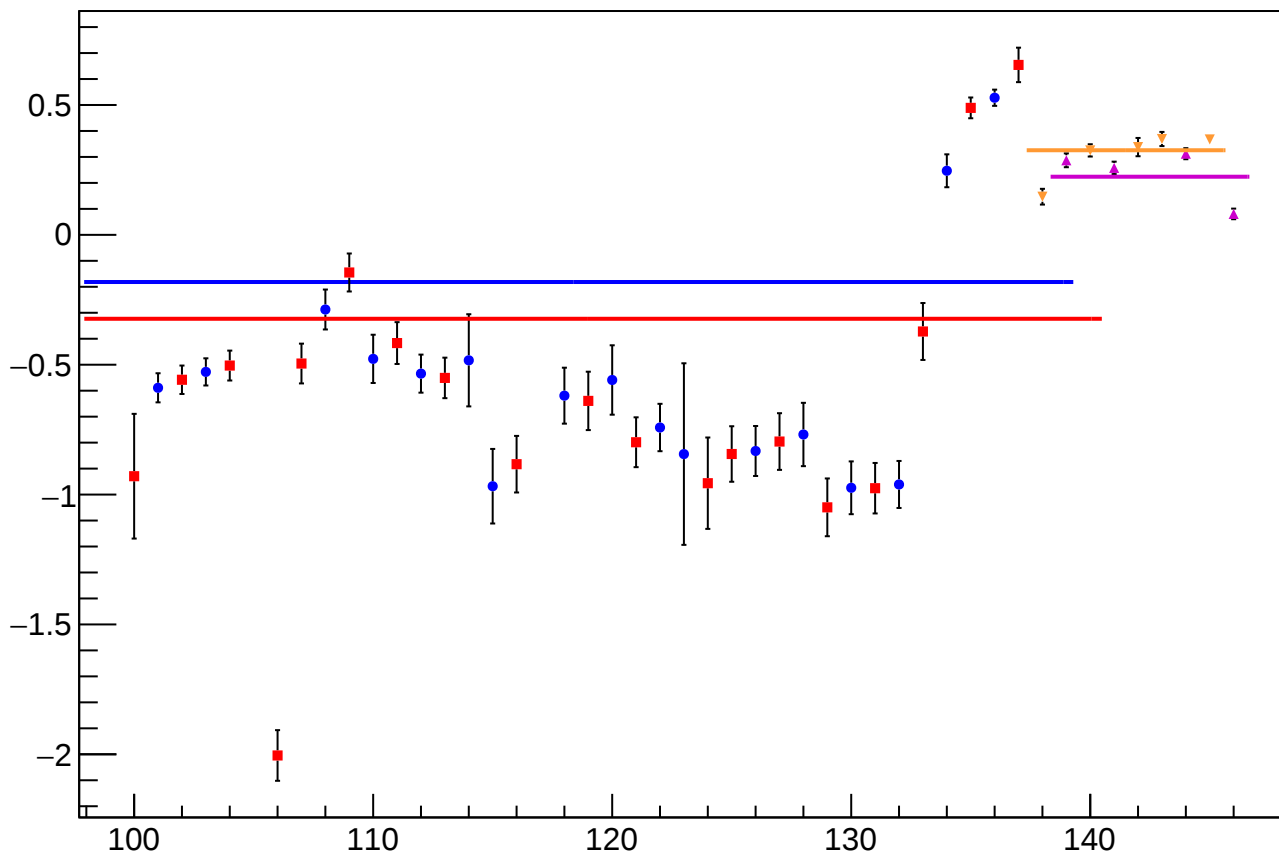
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 31.289 $\pm$ 0.186 χ^2 /NDF:5358.1/20

Out: 30.206 $\pm$ 0.194 χ^2 /NDF:5330.4/23

All: 30.771 $\pm$ 0.134 χ^2 /NDF: 10704.7/44

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: 0.224 ± 0.011 χ^2/NDF : 74.0/3

Left: 0.276 ± 0.008 χ^2/NDF : 157.9/8

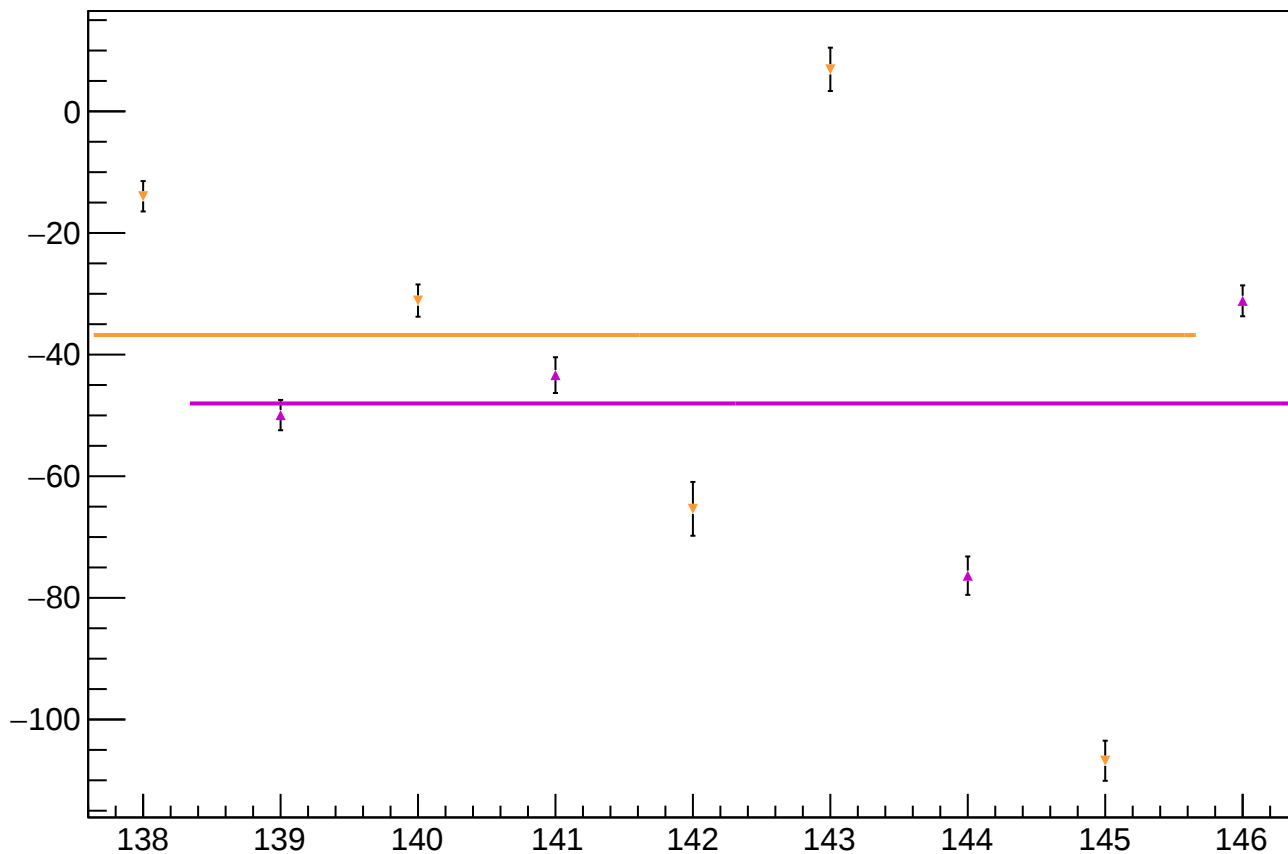
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.106 ± 0.010 χ^2/NDF : 1441.1/20

Out: 0.149 ± 0.009 χ^2/NDF : 2155.3/23

All: 0.128 ± 0.007 χ^2/NDF : 3606.6/44

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.783+/-1.381 χ^2/NDF : 730.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.031+/-1.371 χ^2/NDF : 128.0/3

Left: -42.451+/-0.973 χ^2/NDF : 892.2/8

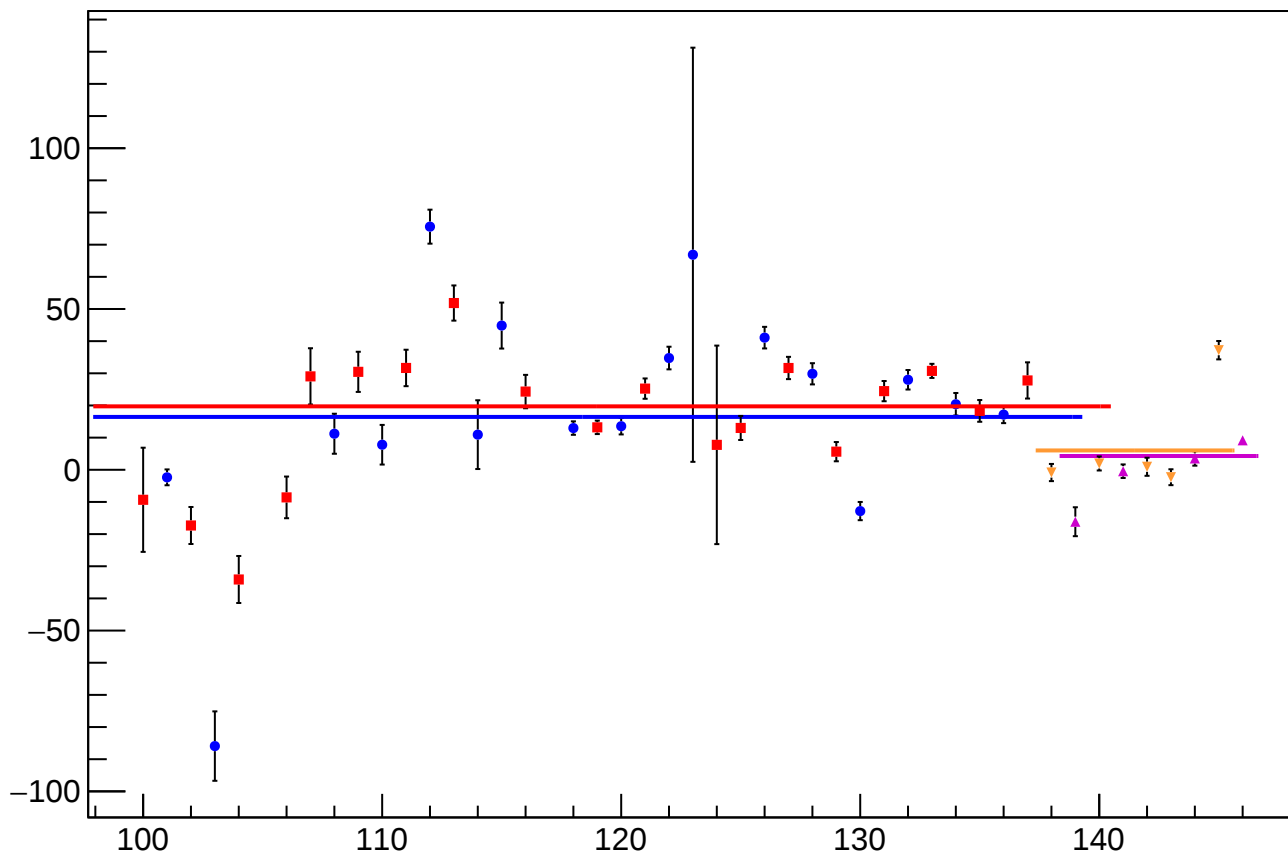
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.031+/-1.371 χ^2/NDF : 128.0/3

Out: -36.783+/-1.381 χ^2/NDF : 730.8/4

All: -42.451+/-0.973 χ^2/NDF : 892.2/8

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2 /NDF: 516.9/16

Left Out: 6.013+/-1.145 χ^2 /NDF:143.6/4

Right Out: 19.724+/-0.898 χ^2 /NDF: 241.7/18

Left In: 4.283+/-1.038 χ^2 /NDF:36.6/3

Left: 5.064+/-0.769 χ^2 /NDF: 181.5/8

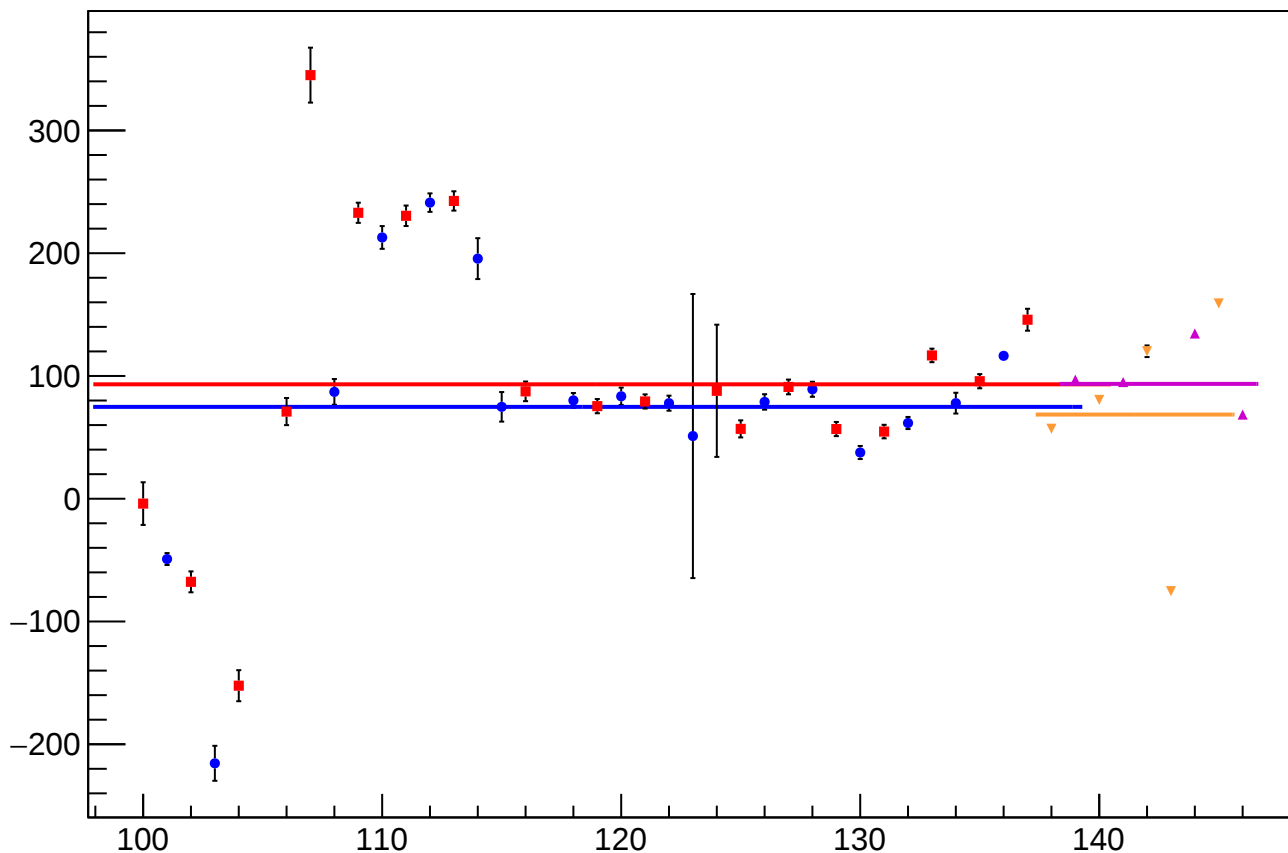
Right: 17.989+/-0.617 χ^2 /NDF: 765.7/35

In: 11.570+/-0.657 χ^2 /NDF:635.8/20

Out: 14.506+/-0.707 χ^2 /NDF:474.0/23

All: 12.932+/-0.481 χ^2 /NDF: 1119.1/44

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: 93.546 ± 1.418 χ^2/NDF : 256.0/3

Left: 81.532 ± 1.022 χ^2/NDF : 2689.8/8

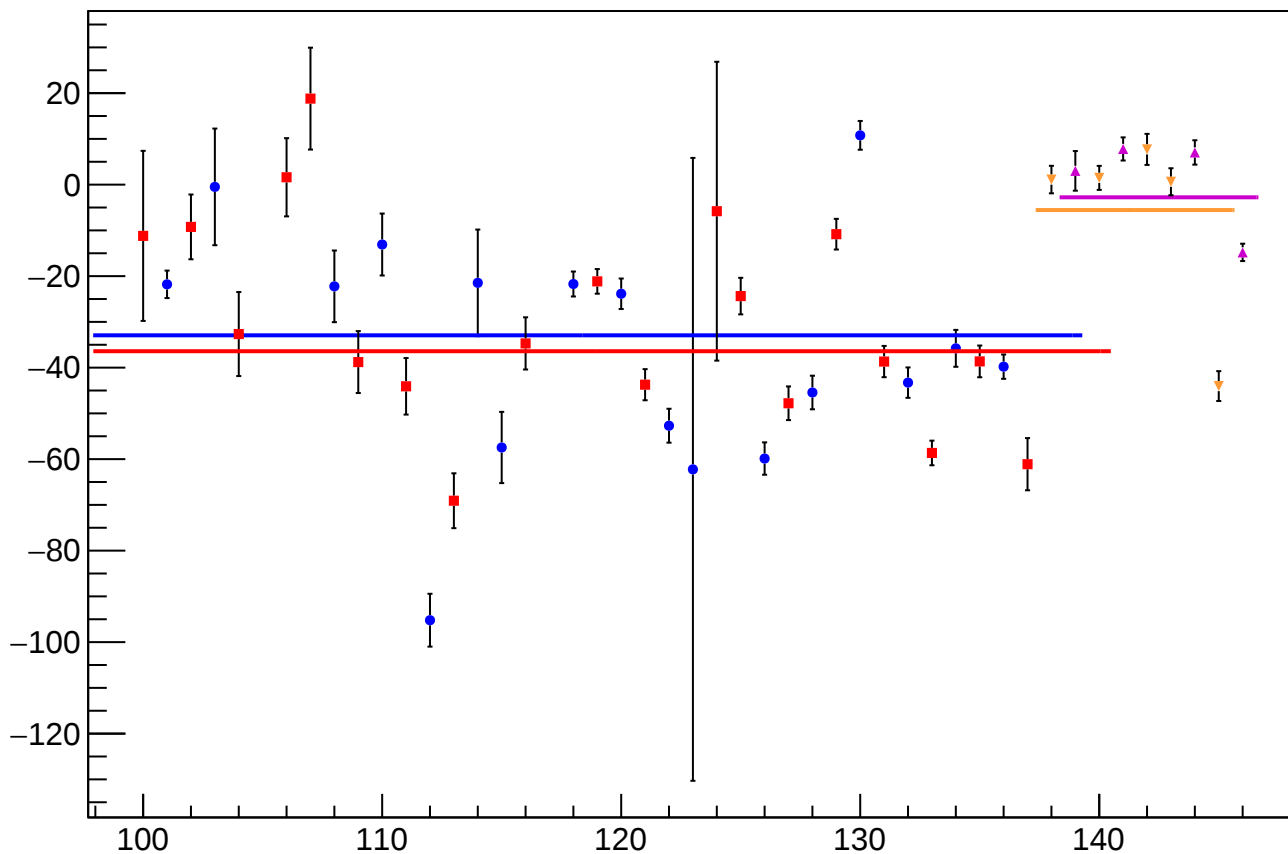
Right: 83.612 ± 1.184 χ^2/NDF : 4057.7/35

In: 85.528 ± 1.072 χ^2/NDF : 2327.5/20

Out: 79.050 ± 1.117 χ^2/NDF : 4404.4/23

All: 82.420 ± 0.774 χ^2/NDF : 6749.3/44

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: -2.769 ± 1.262 $\chi^2/\text{NDF}: 73.0/3$

Left: -4.071 ± 0.921 $\chi^2/\text{NDF}: 246.3/8$

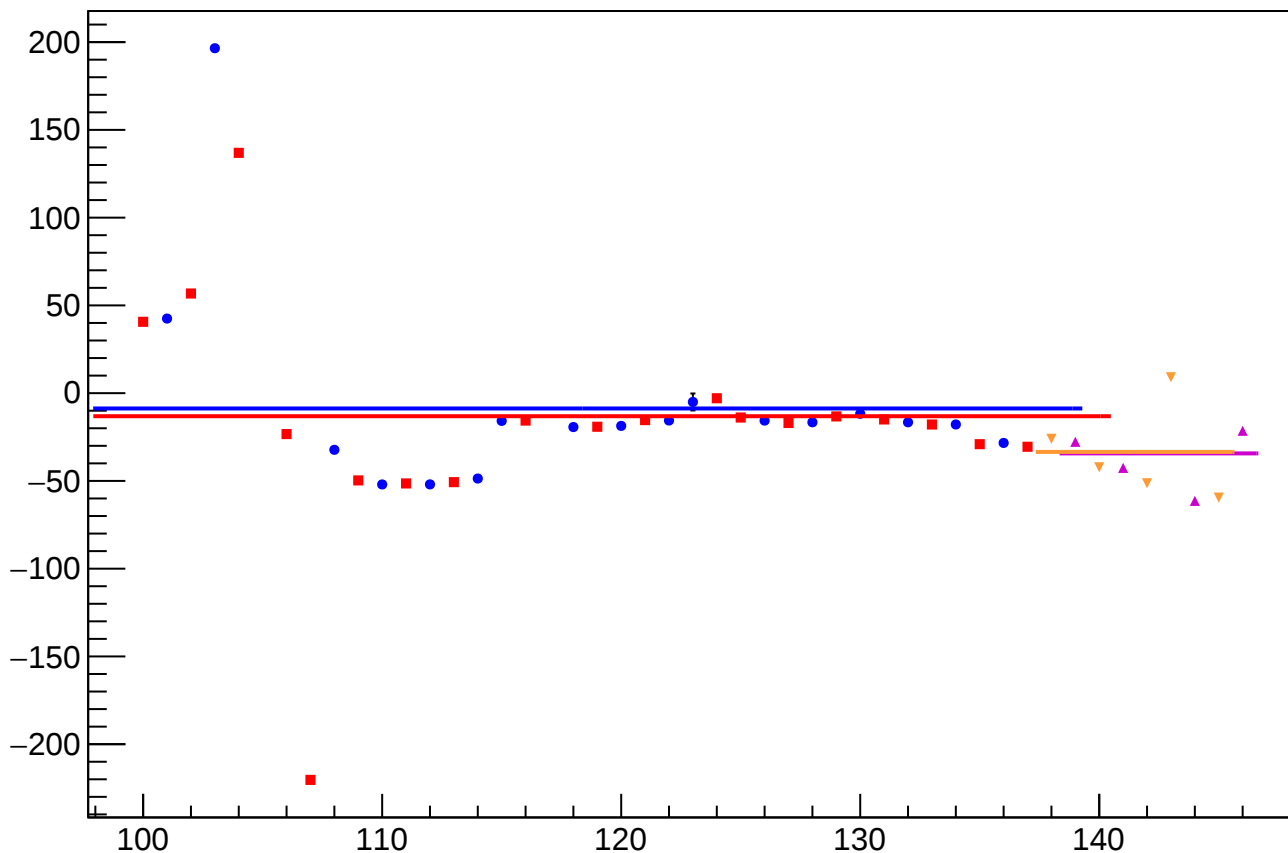
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -21.680 ± 0.771 $\chi^2/\text{NDF}: 922.2/20$

Out: -25.092 ± 0.816 $\chi^2/\text{NDF}: 798.4/23$

All: -23.289 ± 0.560 $\chi^2/\text{NDF}: 1729.9/44$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -33.474 ± 0.060 $\chi^2/\text{NDF}: 133628.5/4$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -34.320 ± 0.058 $\chi^2/\text{NDF}: 55910.5/3$

Left: -33.910 ± 0.041 $\chi^2/\text{NDF}: 189642.8/8$

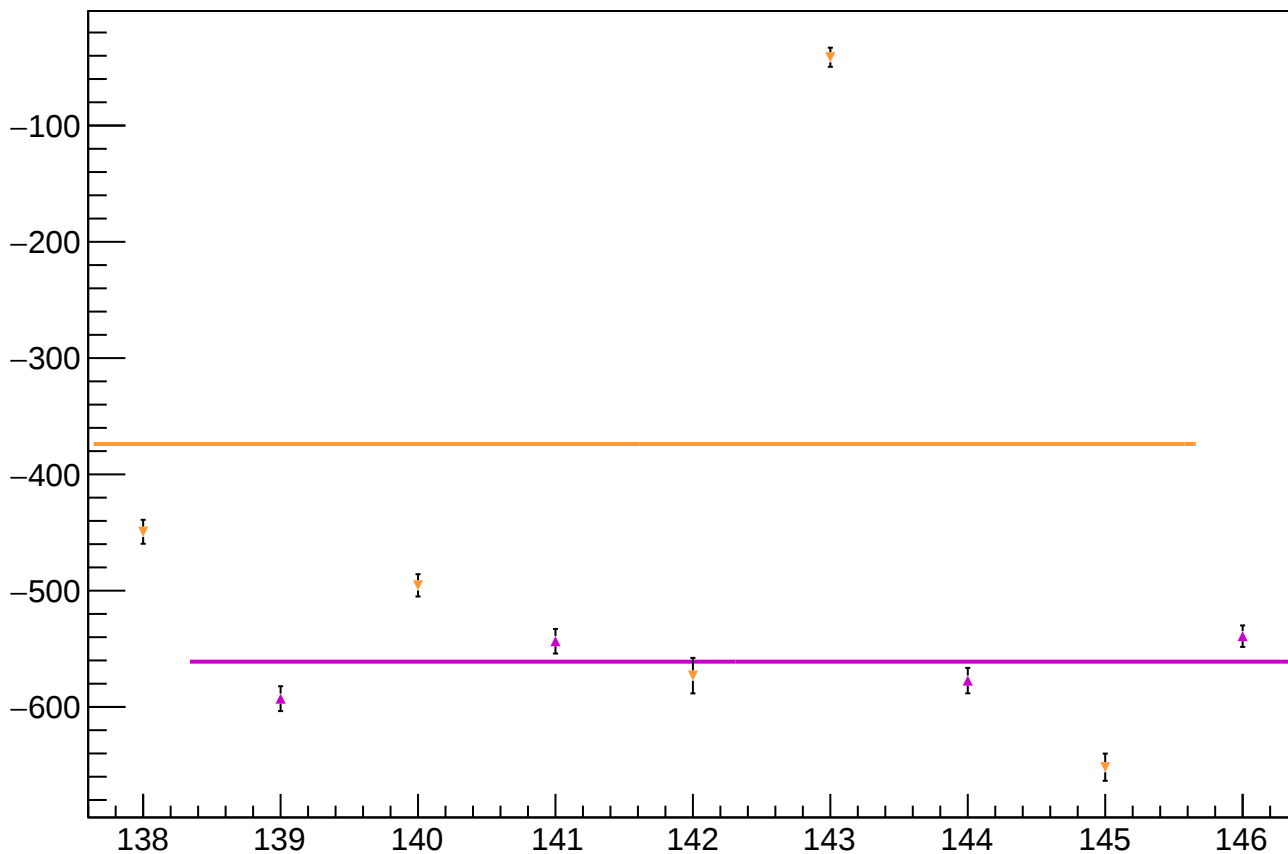
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.751 ± 0.041 $\chi^2/\text{NDF}: 727983.9/20$

Out: -23.665 ± 0.043 $\chi^2/\text{NDF}: 748429.2/23$

All: -22.671 ± 0.030 $\chi^2/\text{NDF}: 1477448.1/44$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -373.916 ± 4.629 $\chi^2/\text{NDF}: 2584.3/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -561.059 ± 5.143 $\chi^2/\text{NDF}: 19.5/3$

Left: -457.654 ± 3.441 $\chi^2/\text{NDF}: 3335.3/8$

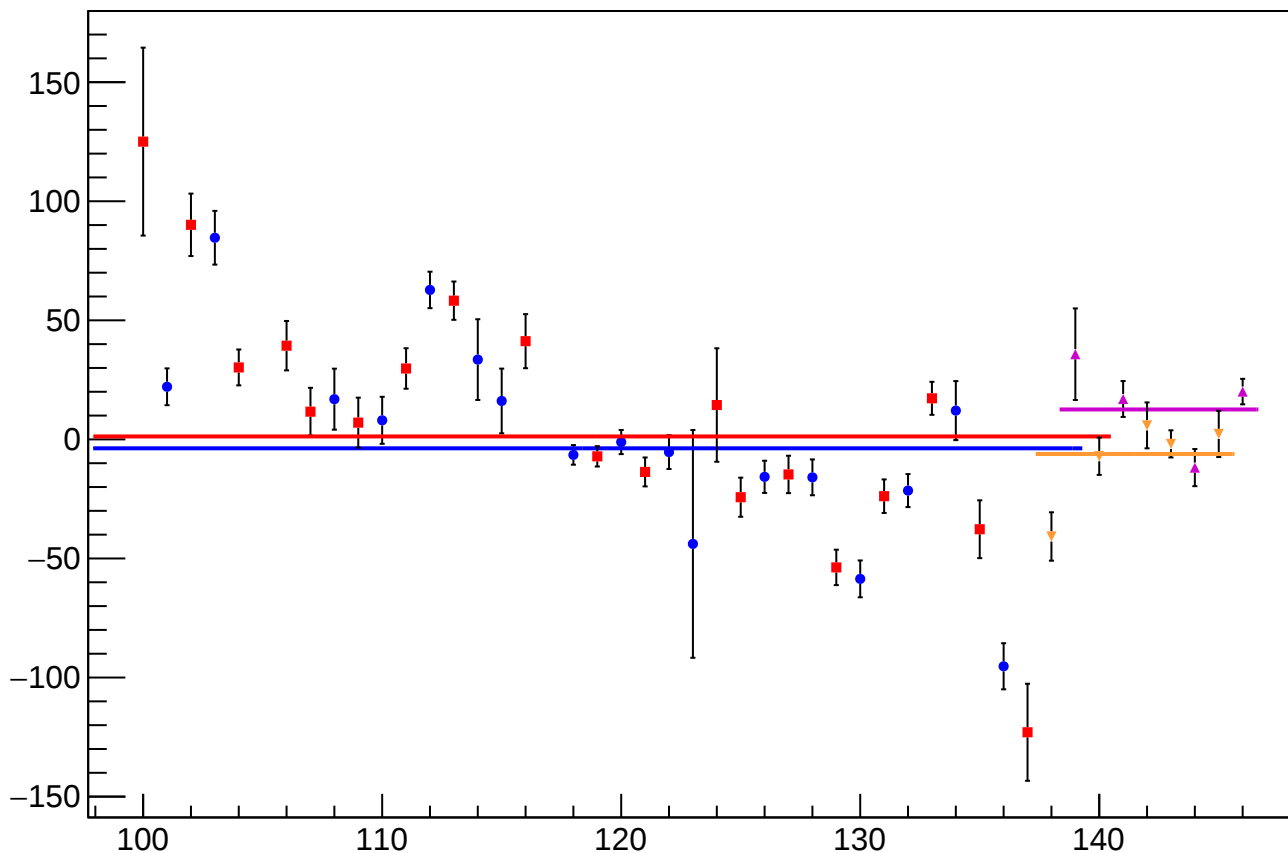
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -561.059 ± 5.143 $\chi^2/\text{NDF}: 19.5/3$

Out: -373.916 ± 4.629 $\chi^2/\text{NDF}: 2584.3/4$

All: -457.654 ± 3.441 $\chi^2/\text{NDF}: 3335.3/8$

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -6.142 ± 3.580 χ^2/NDF : 14.5/4

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 12.571 ± 3.737 χ^2/NDF : 13.6/3

Left: 2.814 ± 2.585 χ^2/NDF : 41.1/8

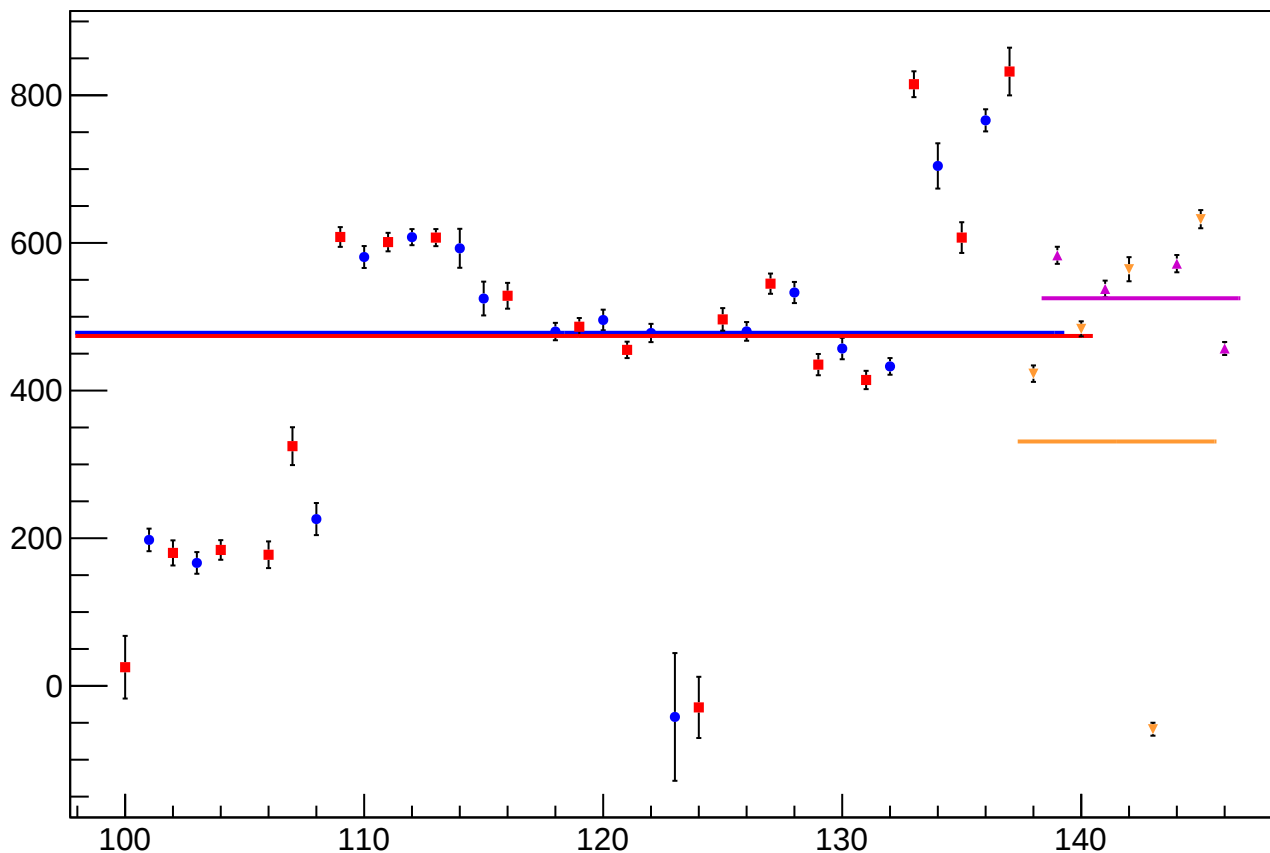
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -0.415 ± 1.688 χ^2/NDF : 342.8/20

Out: -0.403 ± 1.689 χ^2/NDF : 321.3/23

All: -0.409 ± 1.194 χ^2/NDF : 664.2/44

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 331.045 $\pm$ 4.941 χ^2 /NDF:3067.2/4

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 525.049 $\pm$ 5.304 χ^2 /NDF:102.2/3

Left: 421.196 $\pm$ 3.615 χ^2 /NDF: 3885.7/8

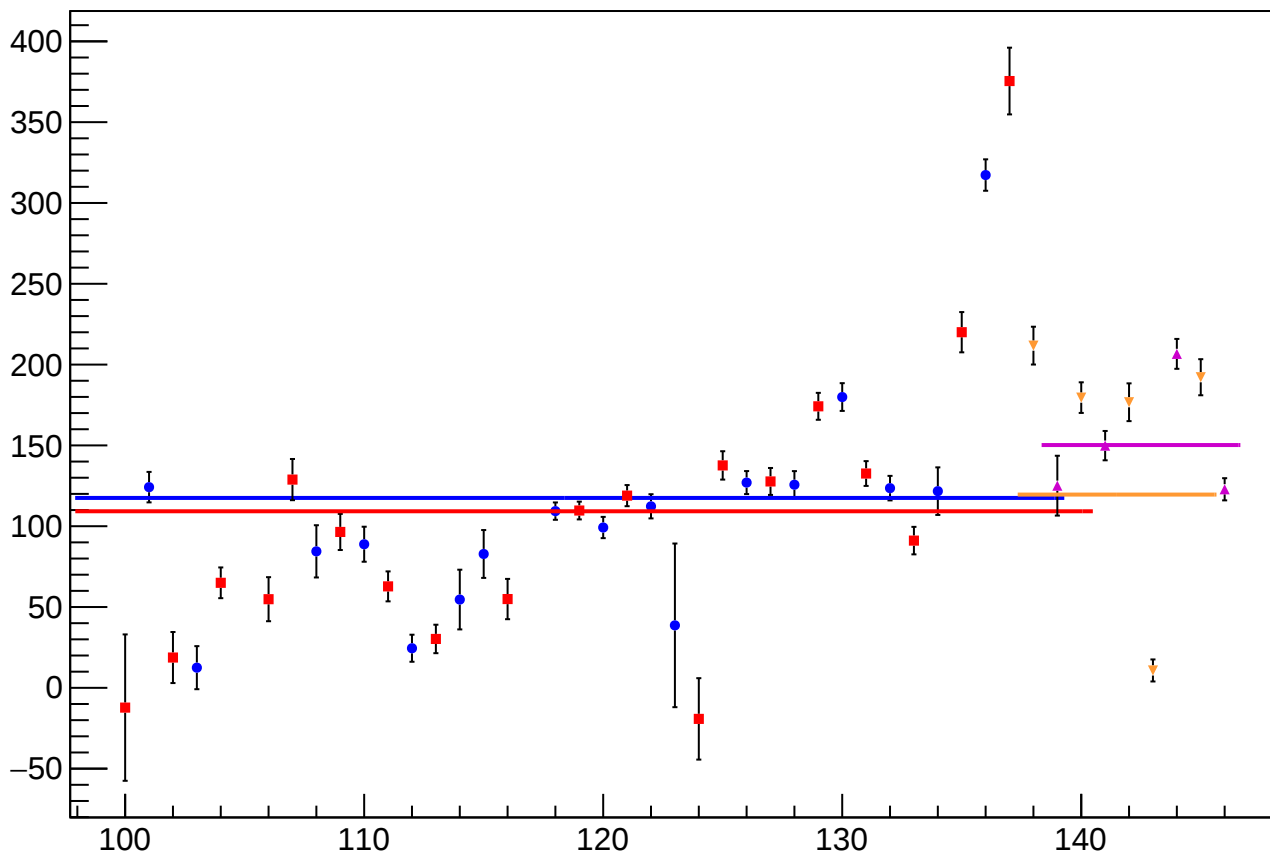
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 493.235 $\pm$ 3.000 χ^2 /NDF:1783.1/20

Out: 425.697 $\pm$ 2.872 χ^2 /NDF:5909.6/23

All: 457.992 $\pm$ 2.075 χ^2 /NDF: 7957.1/44

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: 150.224 $\pm$ 4.564 χ^2 /NDF:55.0/3

Left: 133.813 $\pm$ 3.111 χ^2 /NDF: 502.4/8

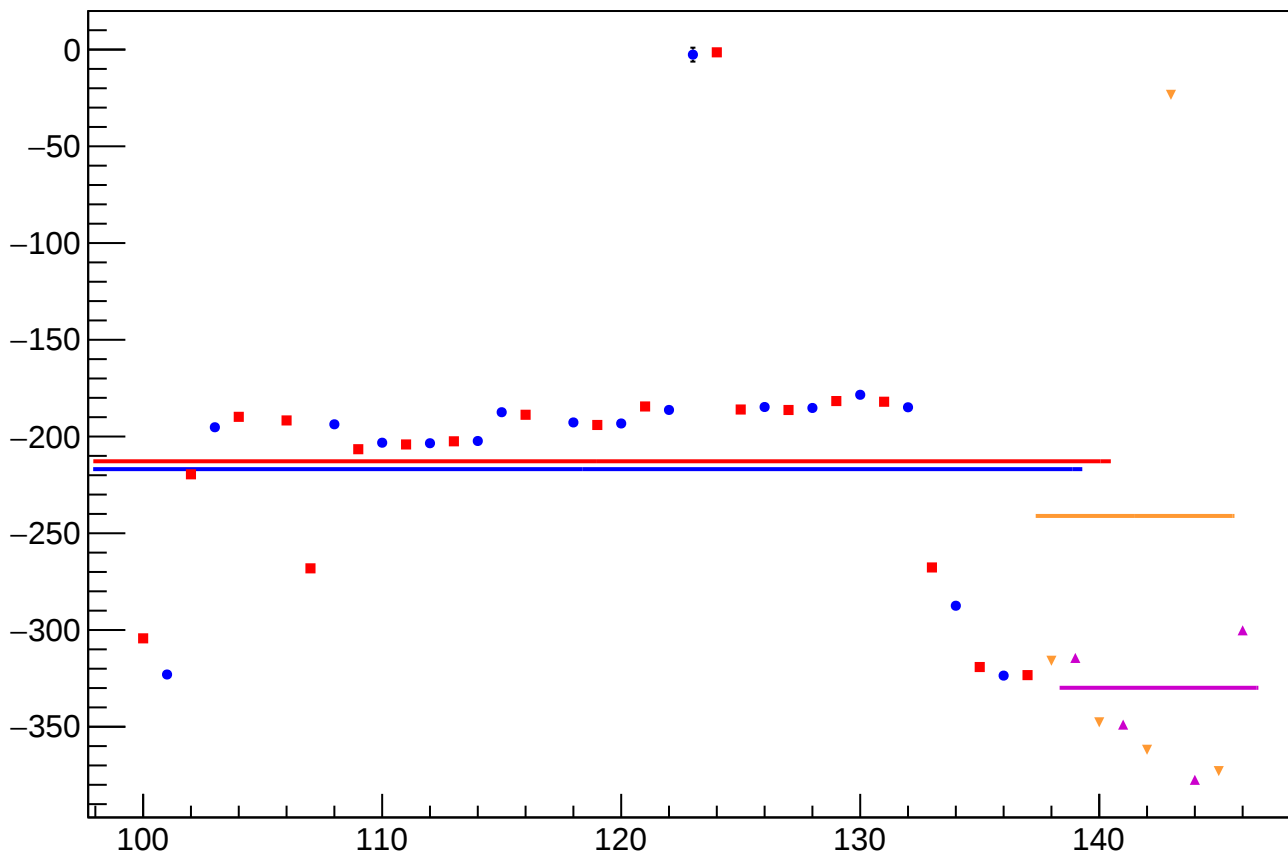
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 123.660 $\pm$ 1.980 χ^2 /NDF:802.6/20

Out: 111.437 $\pm$ 1.958 χ^2 /NDF:997.3/23

All: 117.479 $\pm$ 1.392 χ^2 /NDF: 1819.2/44

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -241.043 ± 0.201 $\chi^2/\text{NDF}: 574892.8/4$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -329.861 ± 0.220 $\chi^2/\text{NDF}: 17133.5/3$

Left: -281.530 ± 0.148 $\chi^2/\text{NDF}: 680885.9/8$

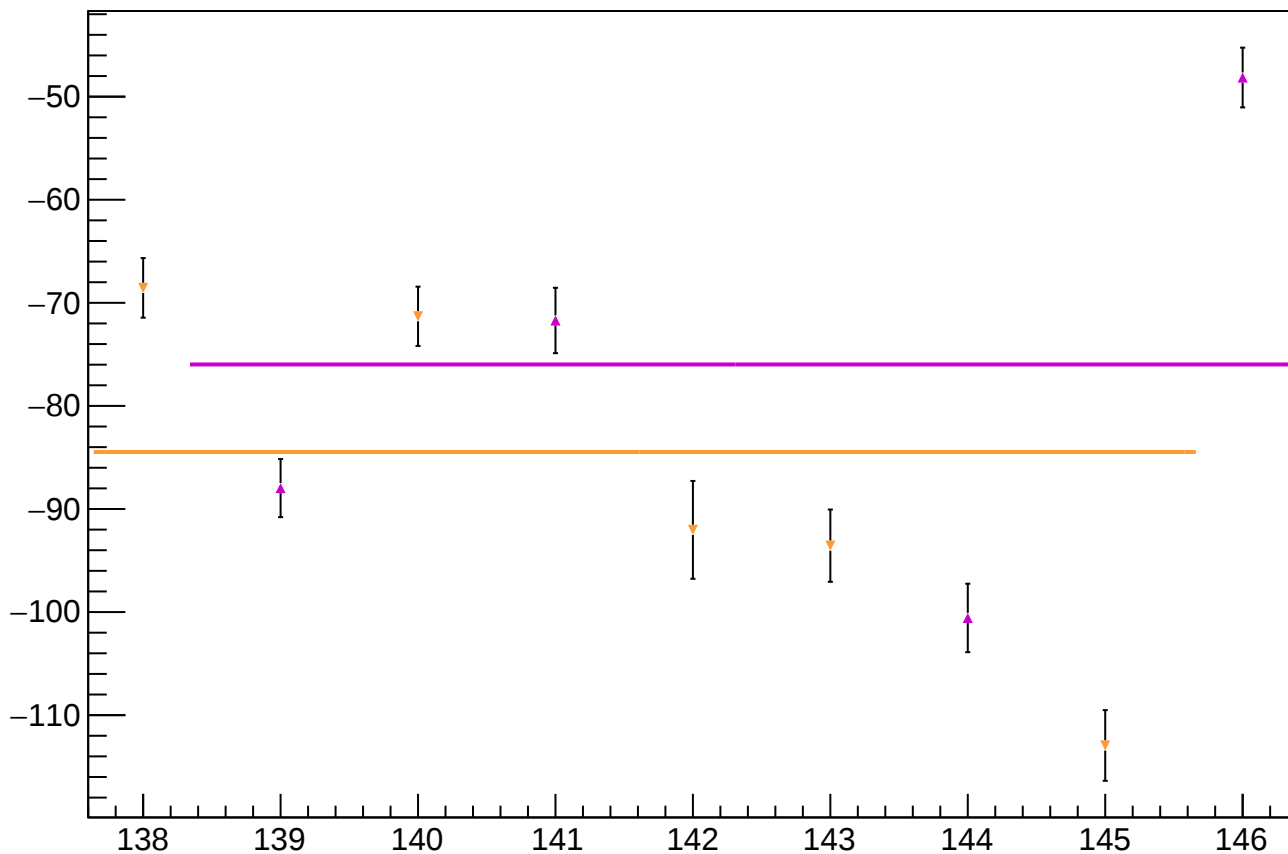
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -248.096 ± 0.116 $\chi^2/\text{NDF}: 355331.0/20$

Out: -221.121 ± 0.109 $\chi^2/\text{NDF}: 705391.1/23$

All: -233.848 ± 0.079 $\chi^2/\text{NDF}: 1089499.5/44$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.471+/-1.488 χ^2/NDF :129.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.978+/-1.516 χ^2/NDF :167.1/3

Left: -80.302+/-1.062 χ^2/NDF : 312.6/8

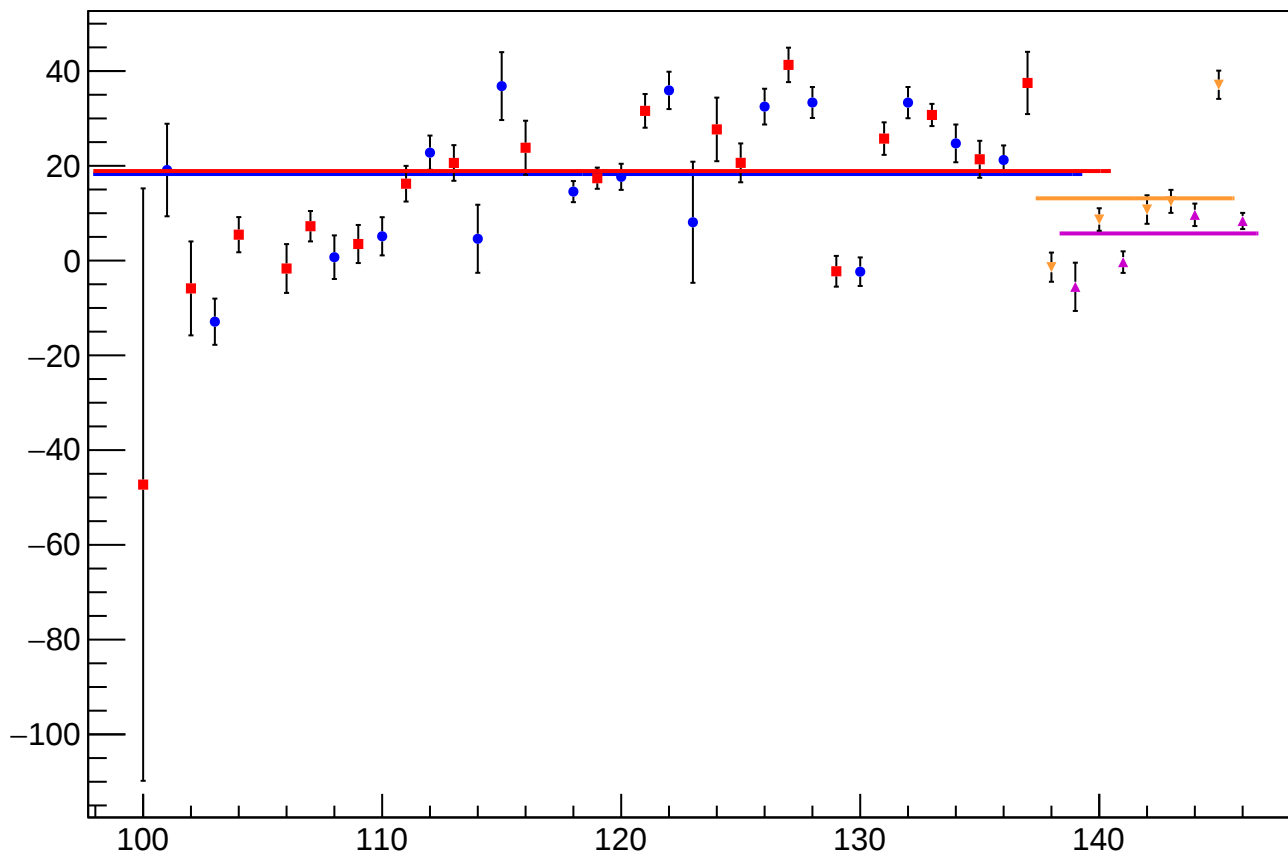
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.978+/-1.516 χ^2/NDF :167.1/3

Out: -84.471+/-1.488 χ^2/NDF :129.5/4

All: -80.302+/-1.062 χ^2/NDF : 312.6/8

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 13.141 ± 1.217 χ^2/NDF : 91.1/4

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 5.727 ± 1.152 χ^2/NDF : 17.1/3

Left: 9.232 ± 0.837 χ^2/NDF : 127.8/8

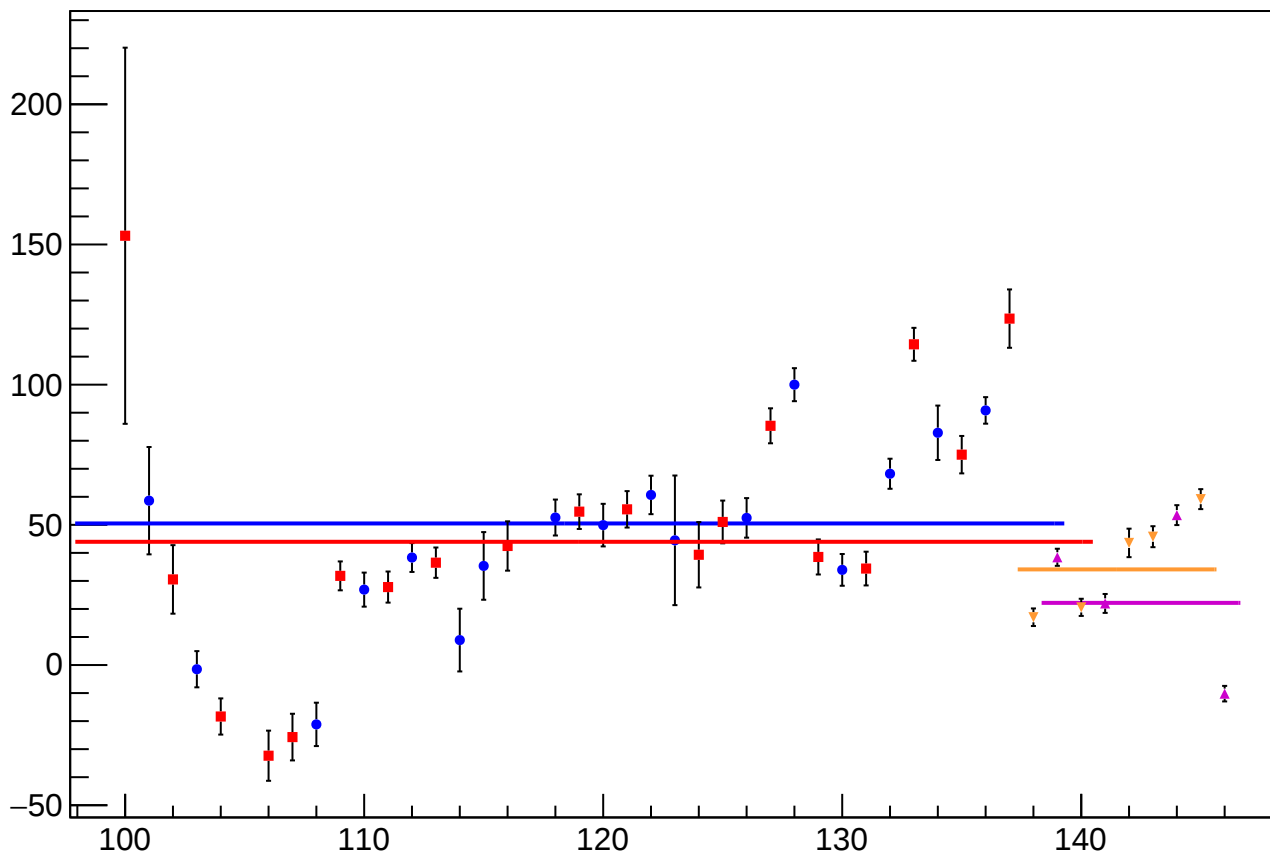
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 13.472 ± 0.713 χ^2/NDF : 298.6/20

Out: 16.967 ± 0.705 χ^2/NDF : 305.2/23

All: 15.239 ± 0.501 χ^2/NDF : 616.0/44

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: 22.171 $\pm$ 1.572 χ^2 /NDF:242.6/3

Left: 28.084 $\pm$ 1.116 χ^2 /NDF: 383.0/8

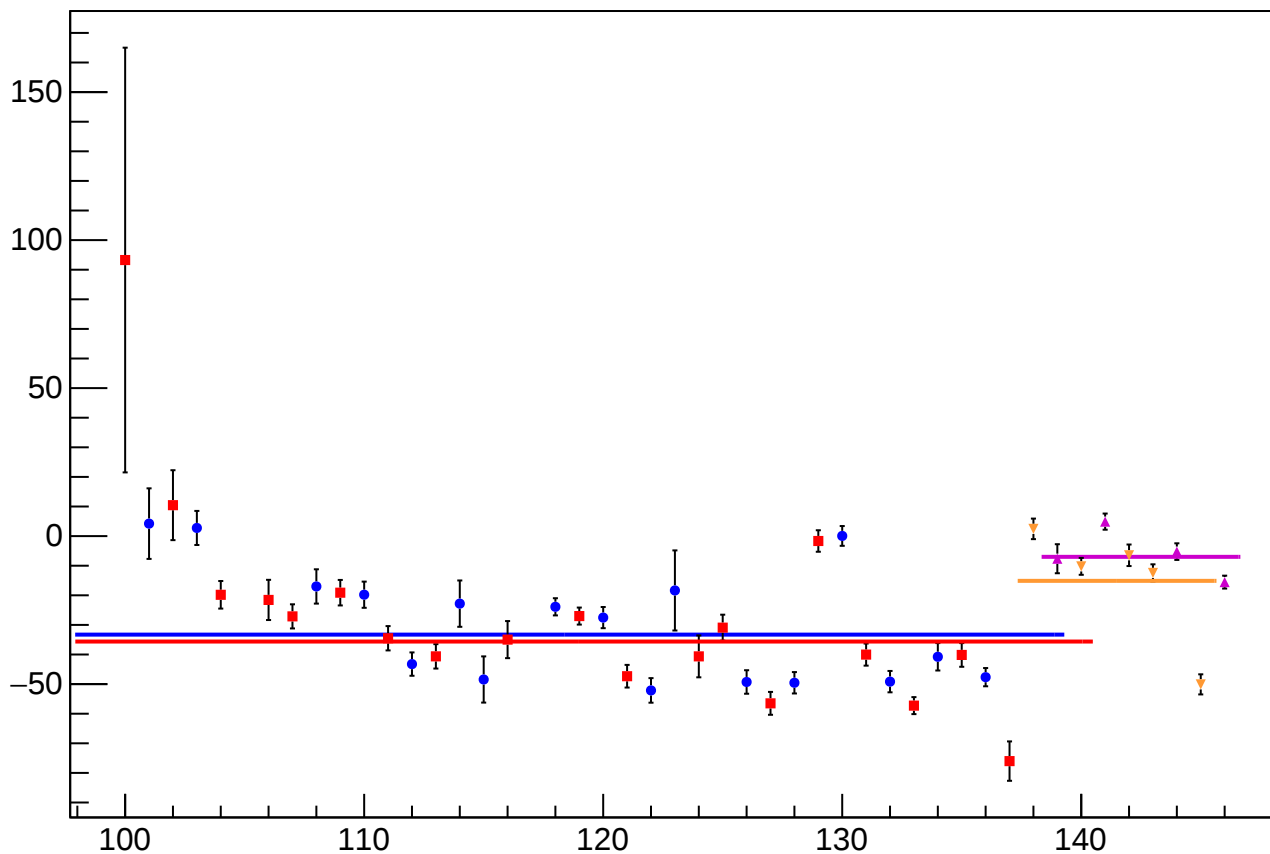
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 35.468 $\pm$ 1.145 χ^2 /NDF:758.3/20

Out: 38.980 $\pm$ 1.128 χ^2 /NDF:665.3/23

All: 37.250 $\pm$ 0.803 χ^2 /NDF: 1428.3/44

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: -7.002 ± 1.396 χ^2/NDF : 34.8/3

Left: -10.951 ± 1.000 χ^2/NDF : 192.3/8

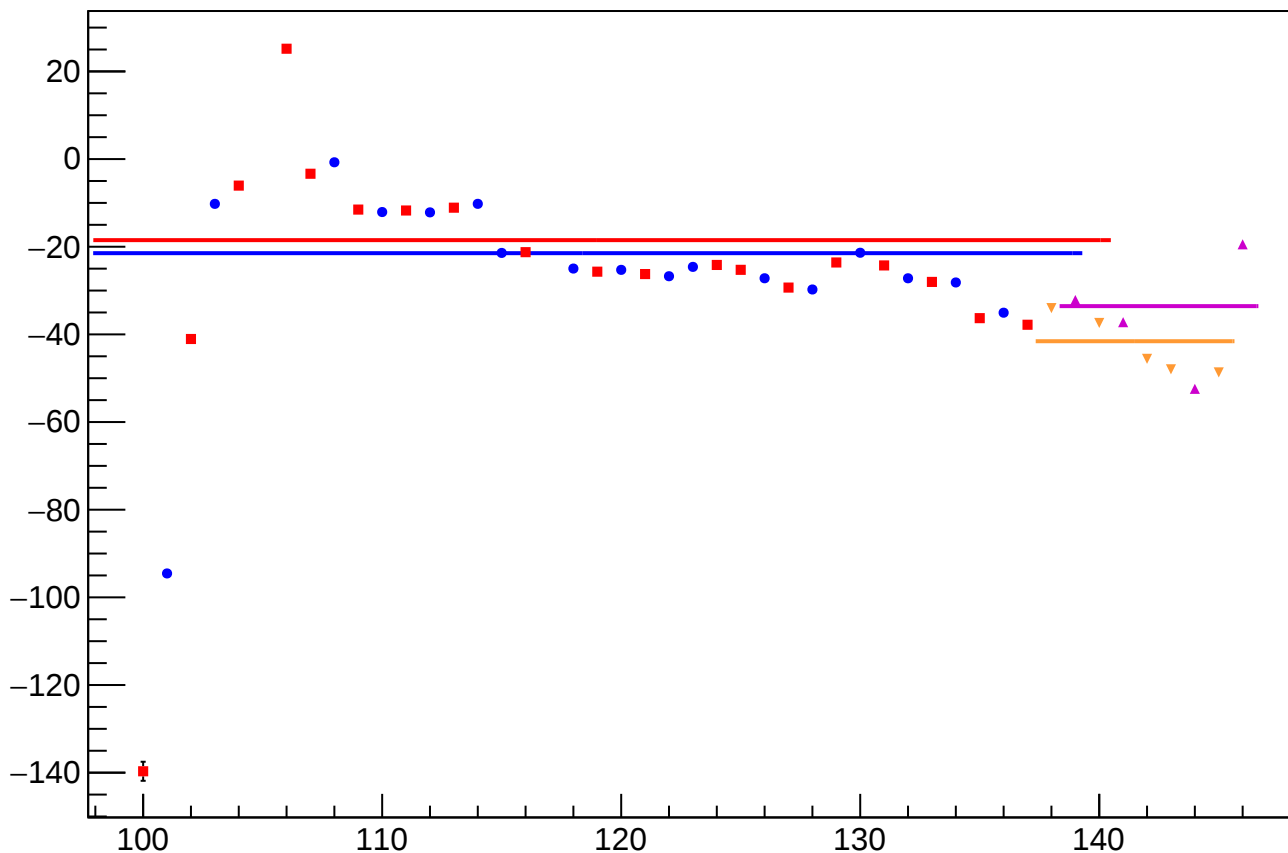
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -23.960 ± 0.831 χ^2/NDF : 556.4/20

Out: -28.973 ± 0.816 χ^2/NDF : 567.1/23

All: -26.513 ± 0.582 χ^2/NDF : 1142.1/44

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: -33.551 ± 0.064 $\chi^2/\text{NDF}: 27778.8/3$

Left: -37.549 ± 0.045 $\chi^2/\text{NDF}: 45134.6/8$

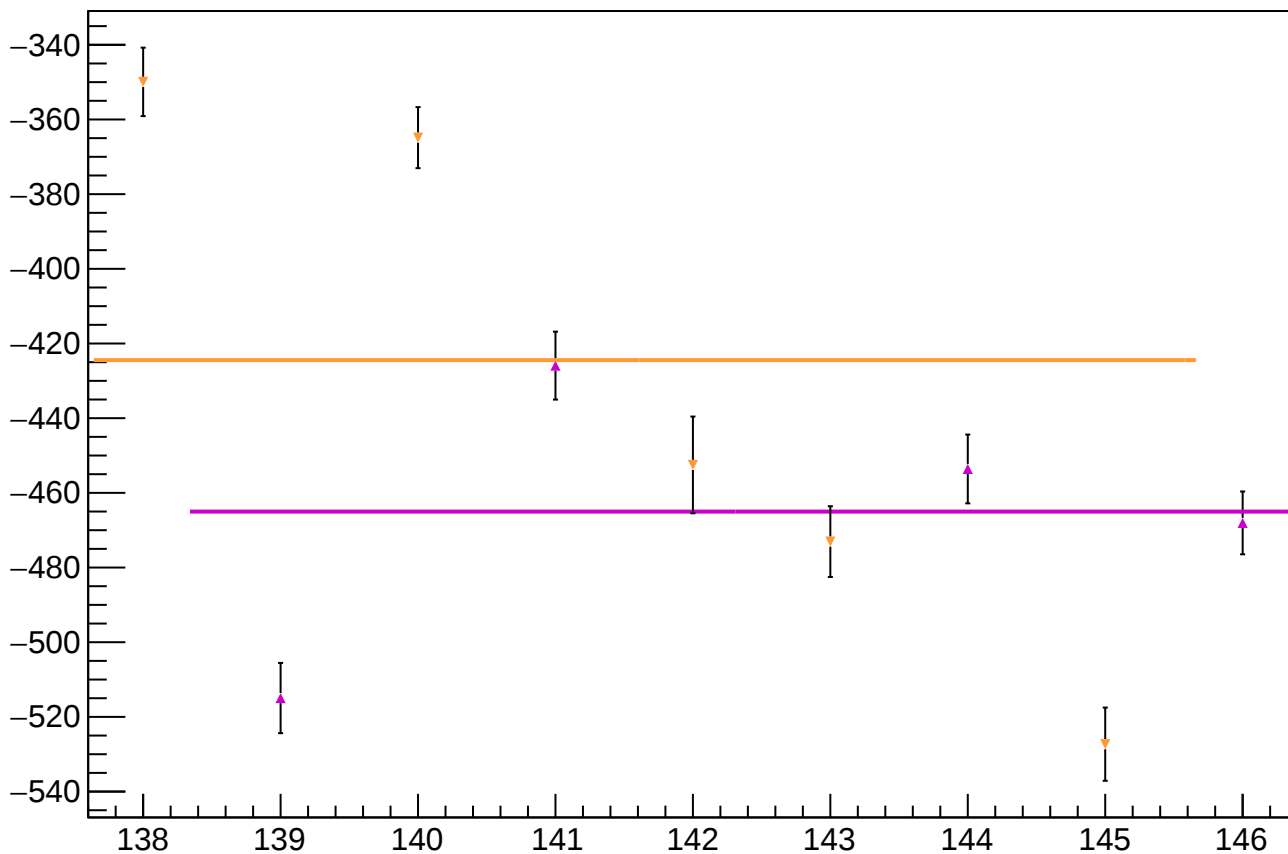
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -26.980 ± 0.043 $\chi^2/\text{NDF}: 96057.3/20$

Out: -28.726 ± 0.043 $\chi^2/\text{NDF}: 161987.7/23$

All: -27.864 ± 0.030 $\chi^2/\text{NDF}: 258867.3/44$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -424.449+/-4.289 χ^2/NDF :260.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -465.018+/-4.504 χ^2/NDF :48.3/3

Left: -443.742+/-3.106 χ^2/NDF : 351.2/8

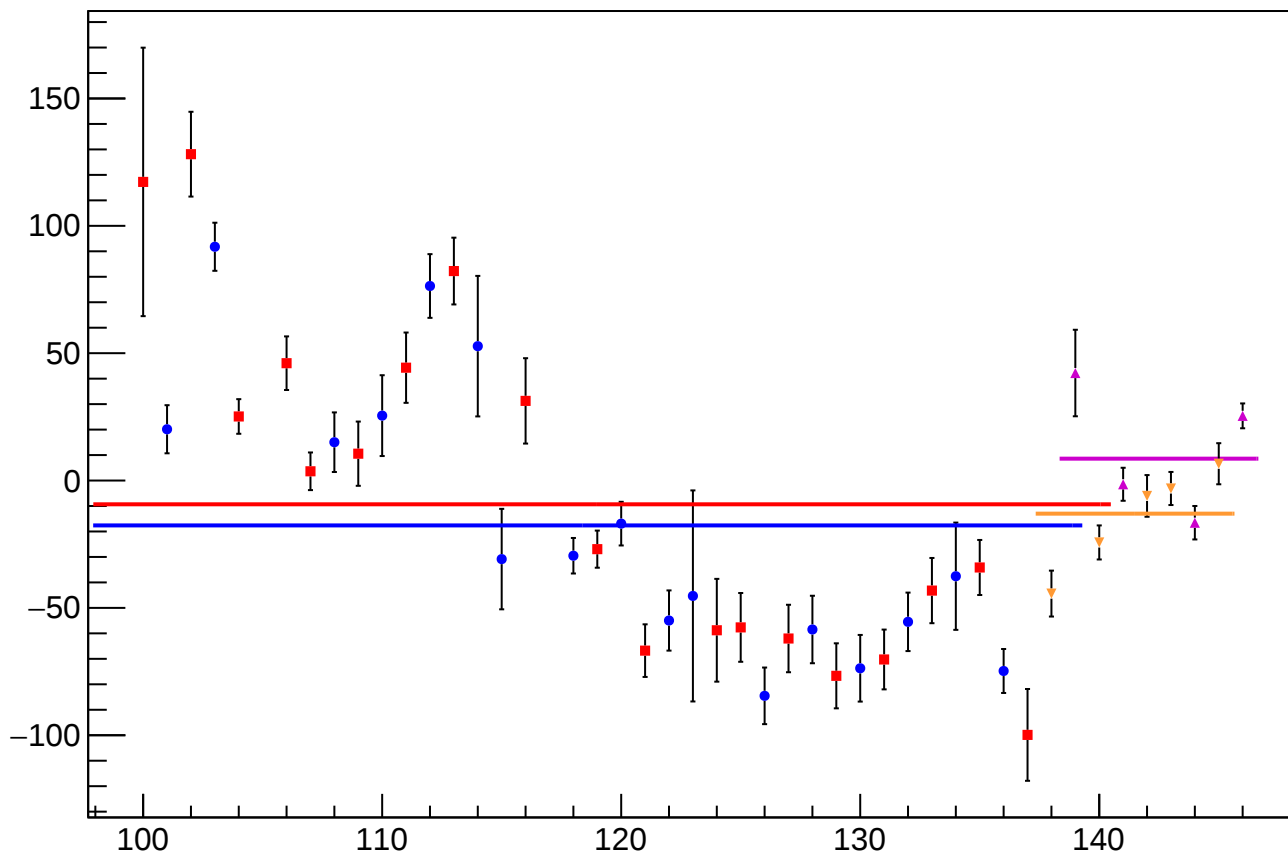
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -465.018+/-4.504 χ^2/NDF :48.3/3

Out: -424.449+/-4.289 χ^2/NDF :260.3/4

All: -443.742+/-3.106 χ^2/NDF : 351.2/8

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -13.001 ± 3.358 $\chi^2/\text{NDF}: 23.9/4$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 8.589 ± 3.288 $\chi^2/\text{NDF}: 32.9/3$

Left: -1.980 ± 2.349 $\chi^2/\text{NDF}: 77.9/8$

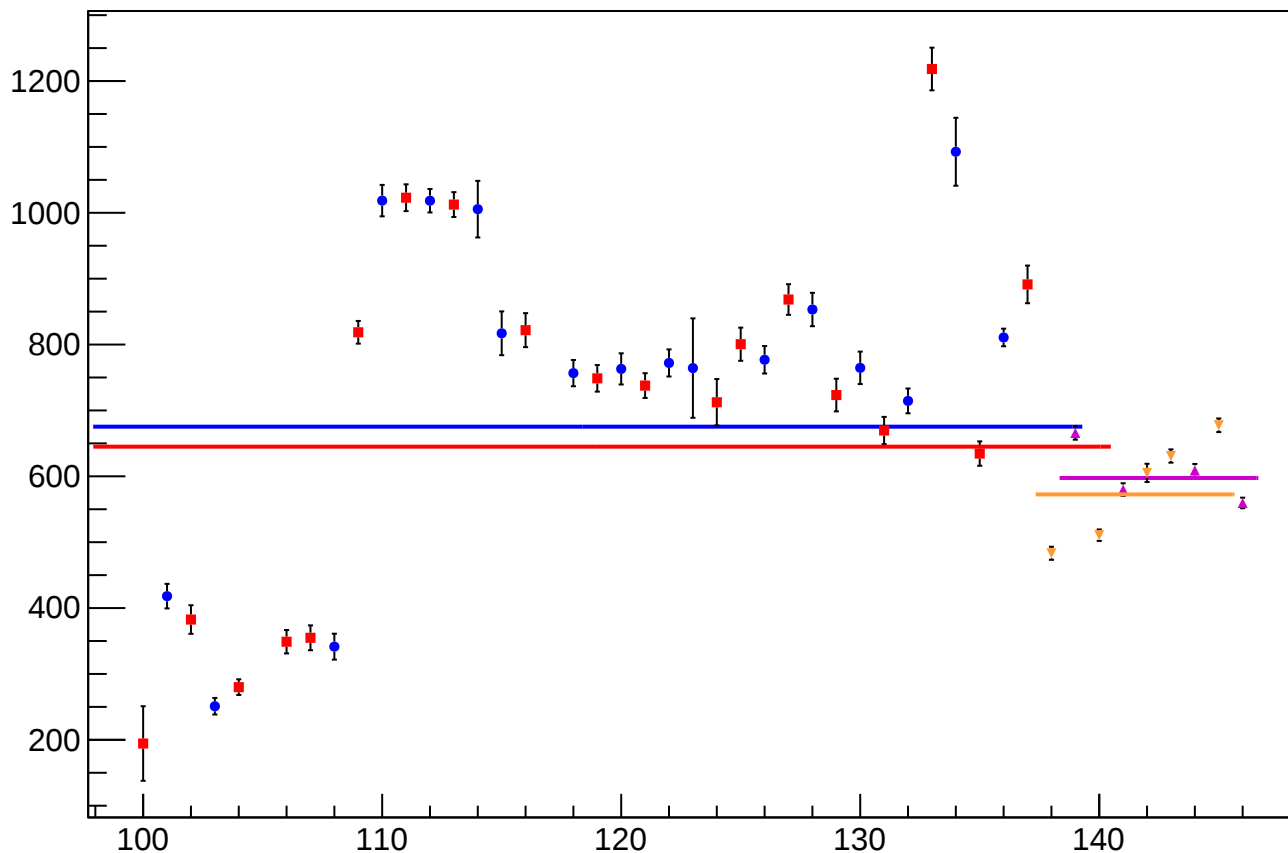
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -6.666 ± 2.126 $\chi^2/\text{NDF}: 431.9/20$

Out: -10.712 ± 2.060 $\chi^2/\text{NDF}: 391.1/23$

All: -8.752 ± 1.480 $\chi^2/\text{NDF}: 824.8/44$

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: 597.484 ± 4.656 χ^2/NDF : 72.0/3

Left: 584.794 ± 3.265 χ^2/NDF : 359.7/8

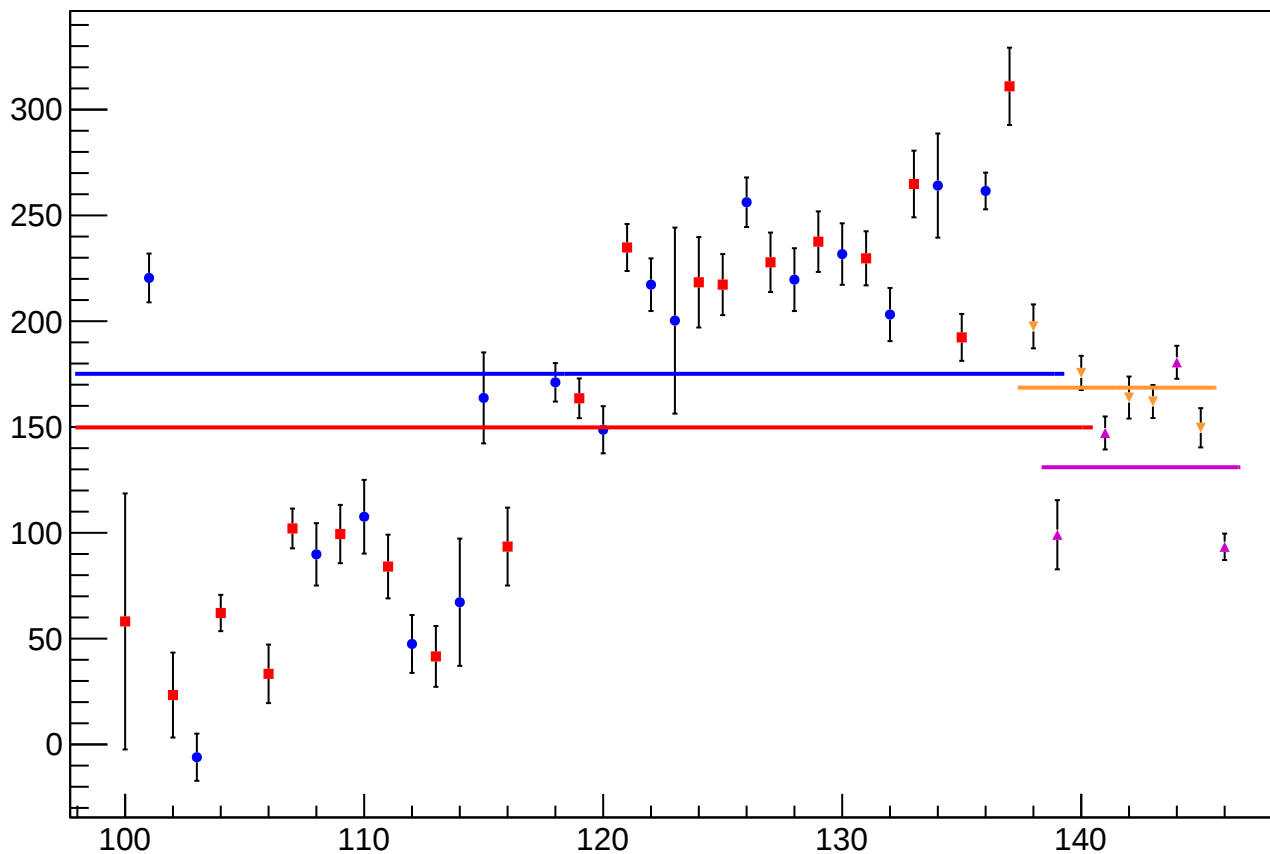
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 633.292 ± 3.422 χ^2/NDF : 2783.3/20

Out: 607.387 ± 3.300 χ^2/NDF : 3516.4/23

All: 619.868 ± 2.375 χ^2/NDF : 6329.4/44

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: 130.998 $\pm$ 4.008 χ^2 /NDF:84.9/3

Left: 149.882 $\pm$ 2.828 χ^2 /NDF: 142.7/8

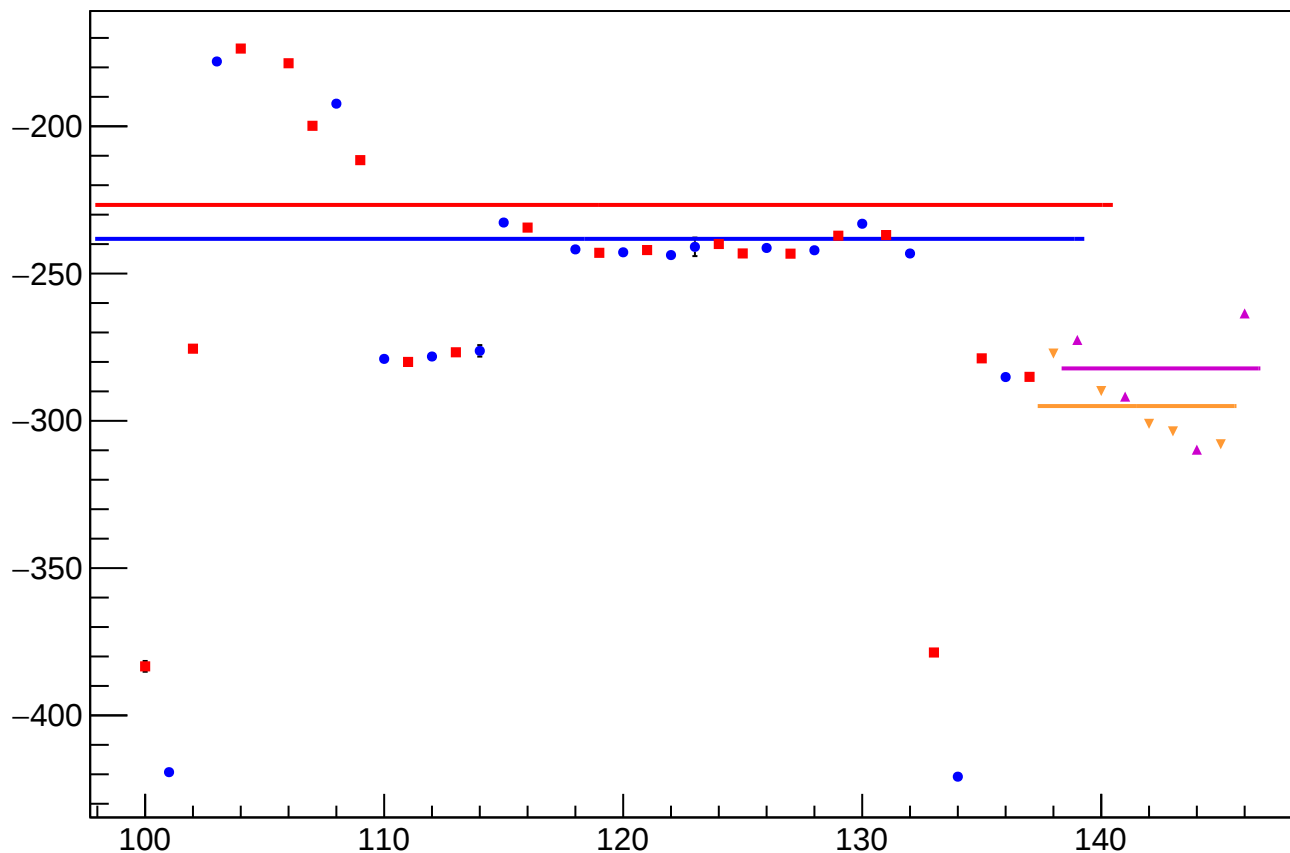
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 157.894 $\pm$ 2.505 χ^2 /NDF:794.4/20

Out: 156.724 $\pm$ 2.419 χ^2 /NDF:716.1/23

All: 157.289 $\pm$ 1.740 χ^2 /NDF: 1510.6/44

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 $\pm$ 0.160 χ^2 /NDF: 167098.2/16

Left Out: -294.981 $\pm$ 0.187 χ^2 /NDF: 3784.7/4

Right Out: -226.696 $\pm$ 0.151 χ^2 /NDF: 102814.8/18

Left In: -282.202 $\pm$ 0.193 χ^2 /NDF: 7963.3/3

Left: -288.777 $\pm$ 0.134 χ^2 /NDF: 14010.5/8

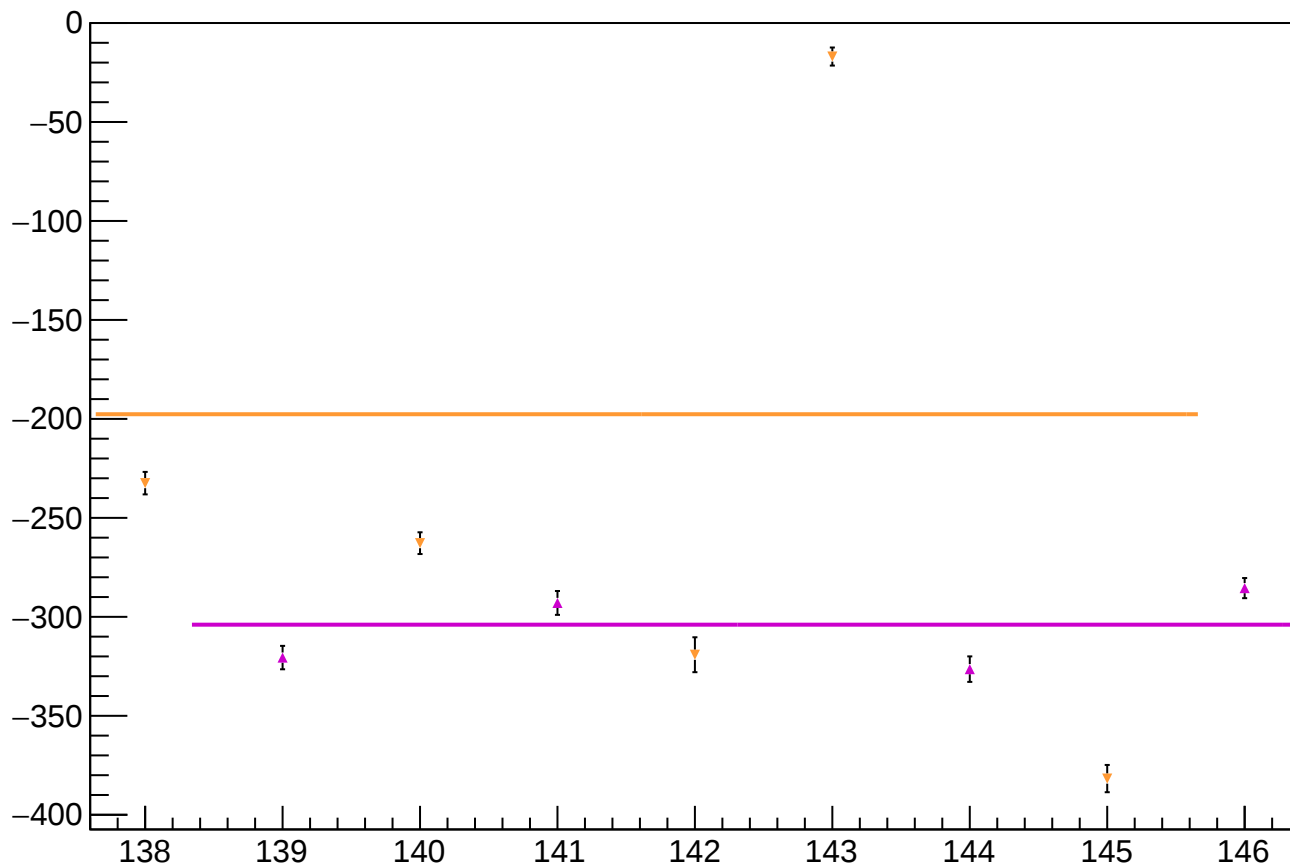
Right: -232.123 $\pm$ 0.110 χ^2 /NDF: 272653.1/35

In: -256.172 $\pm$ 0.123 χ^2 /NDF: 205887.8/20

Out: -253.626 $\pm$ 0.118 χ^2 /NDF: 187193.2/23

All: -254.840 $\pm$ 0.085 χ^2 /NDF: 393304.7/44

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -197.640 ± 2.616 $\chi^2/\text{NDF}: 2650.2/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -303.961 ± 2.901 $\chi^2/\text{NDF}: 36.6/3$

Left: -245.334 ± 1.943 $\chi^2/\text{NDF}: 3427.5/8$

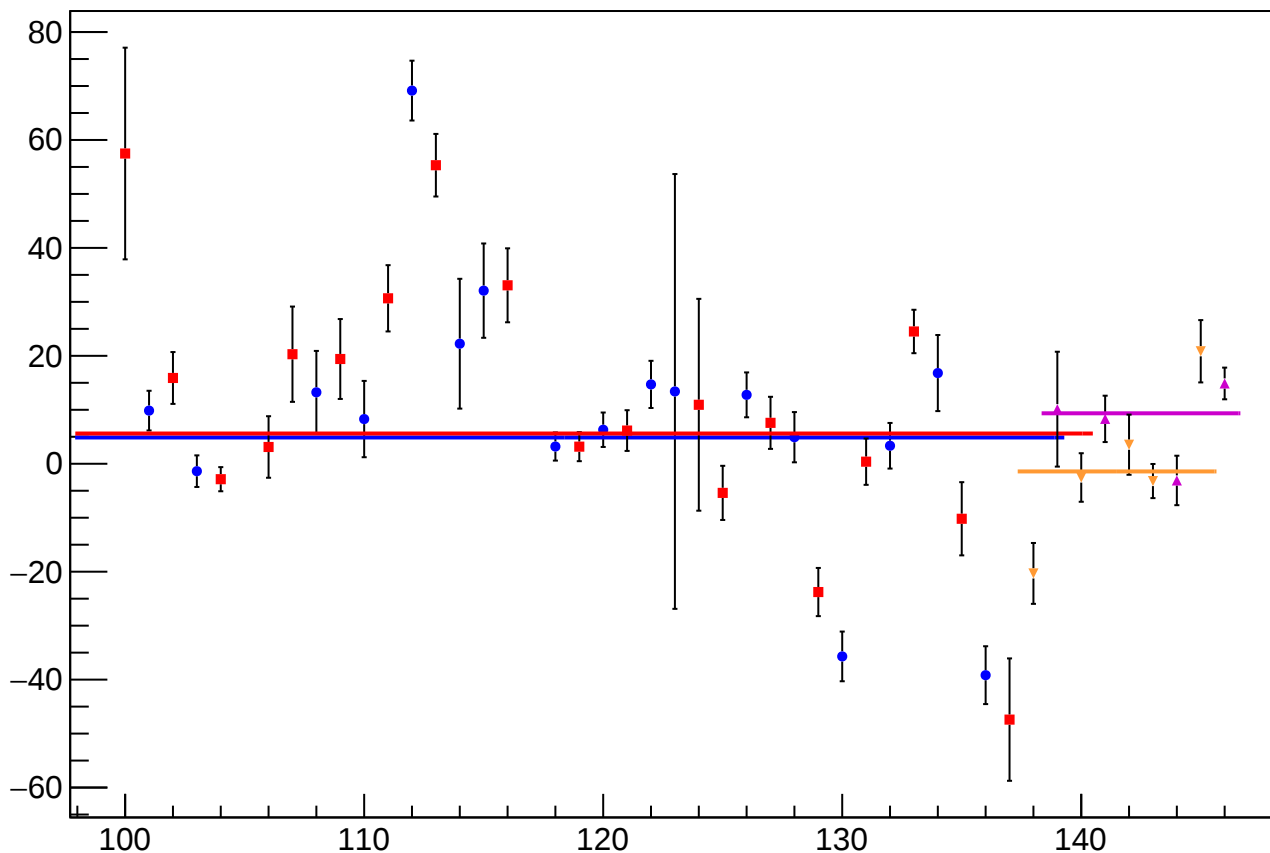
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -303.961 ± 2.901 $\chi^2/\text{NDF}: 36.6/3$

Out: -197.640 ± 2.616 $\chi^2/\text{NDF}: 2650.2/4$

All: -245.334 ± 1.943 $\chi^2/\text{NDF}: 3427.5/8$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: -1.422 ± 2.029 χ^2/NDF : 27.3/4

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 9.350 ± 2.100 χ^2/NDF : 11.0/3

Left: 3.777 ± 1.459 χ^2/NDF : 51.9/8

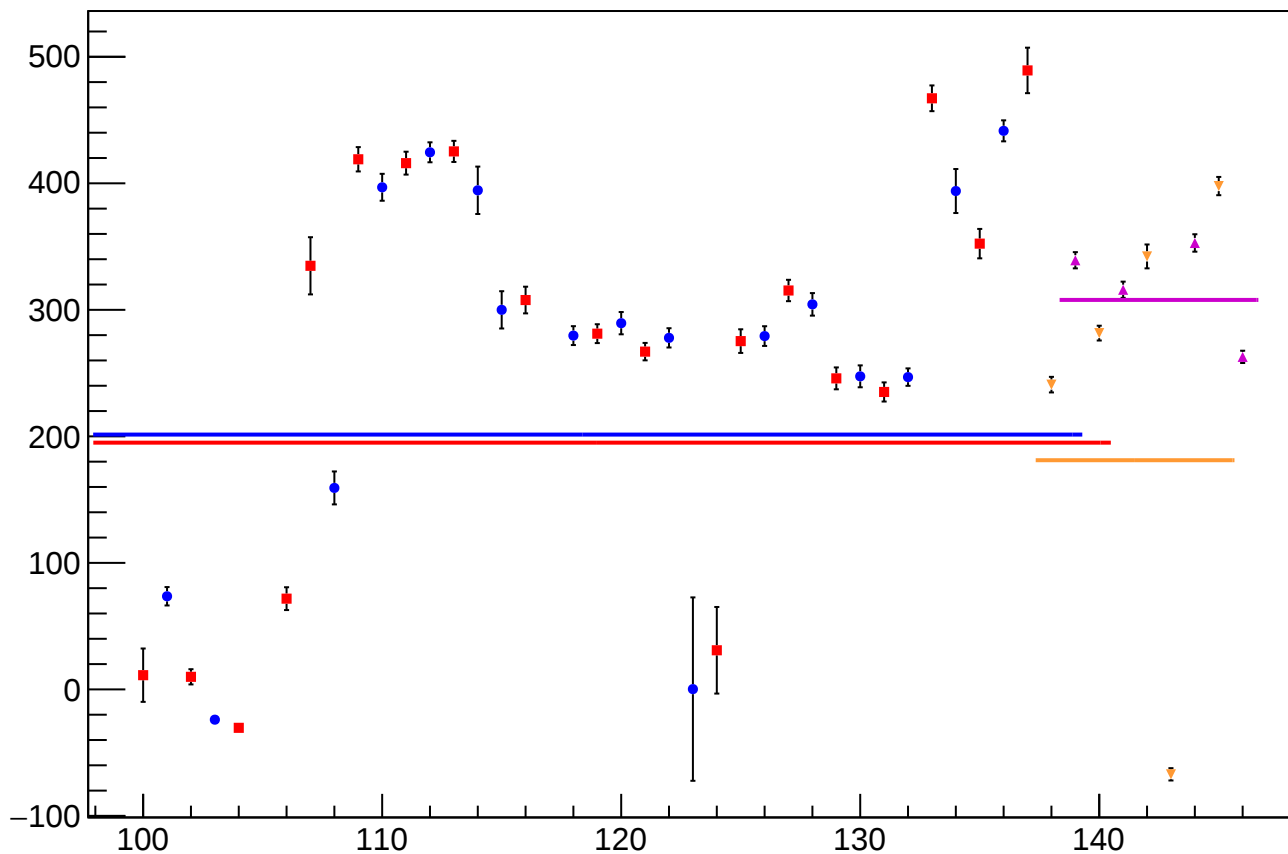
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 5.822 ± 0.968 χ^2/NDF : 326.1/20

Out: 4.077 ± 0.946 χ^2/NDF : 275.2/23

All: 4.929 ± 0.677 χ^2/NDF : 603.0/44

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: 307.840 $\pm$ 2.986 χ^2 /NDF:154.1/3

Left: 240.258 $\pm$ 2.040 χ^2 /NDF: 5297.0/8

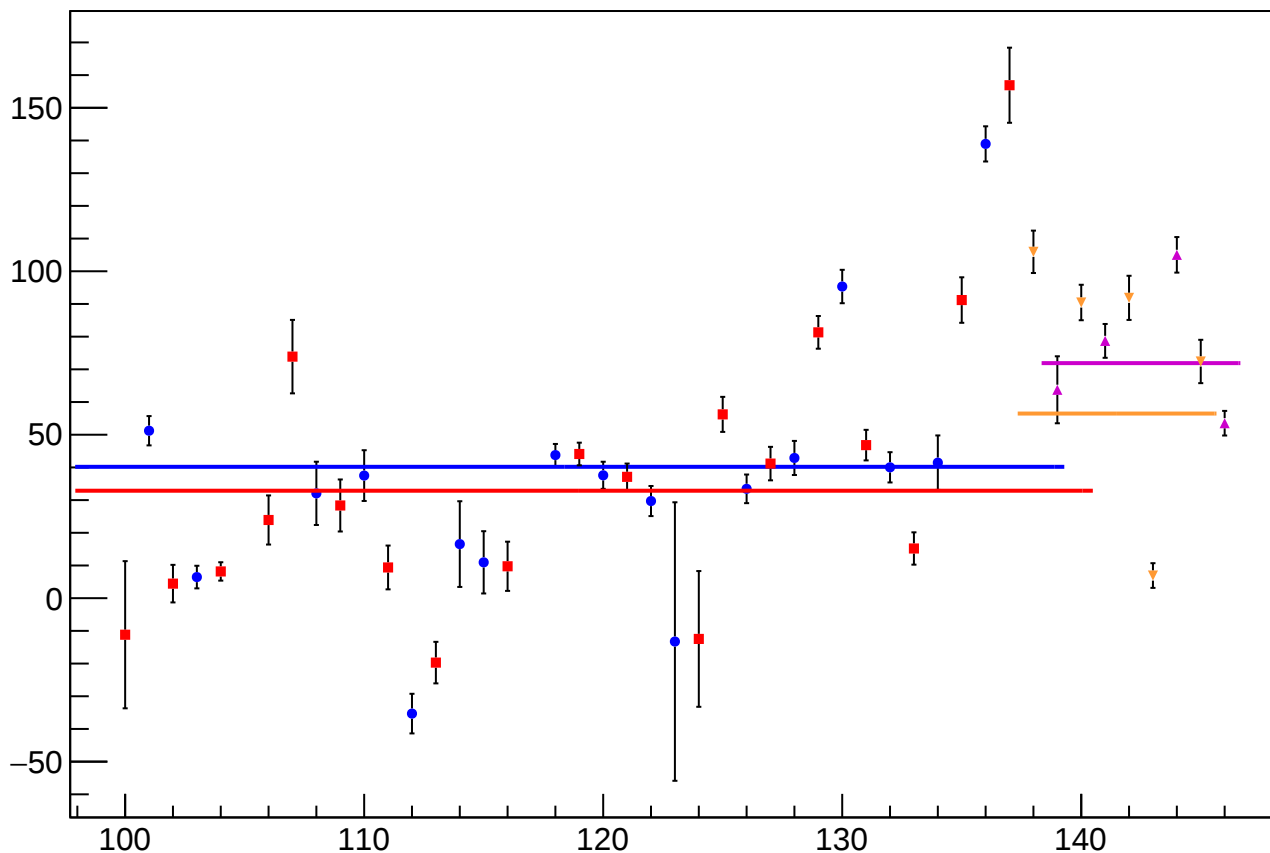
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 233.767 $\pm$ 1.646 χ^2 /NDF:7778.7/20

Out: 190.558 $\pm$ 1.584 χ^2 /NDF:12454.1/23

All: 211.326 $\pm$ 1.141 χ^2 /NDF: 20590.5/44

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 56.476 ± 2.408 $\chi^2/\text{NDF}: 302.6/4$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 71.901 ± 2.571 $\chi^2/\text{NDF}: 63.3/3$

Left: 63.683 ± 1.758 $\chi^2/\text{NDF}: 385.1/8$

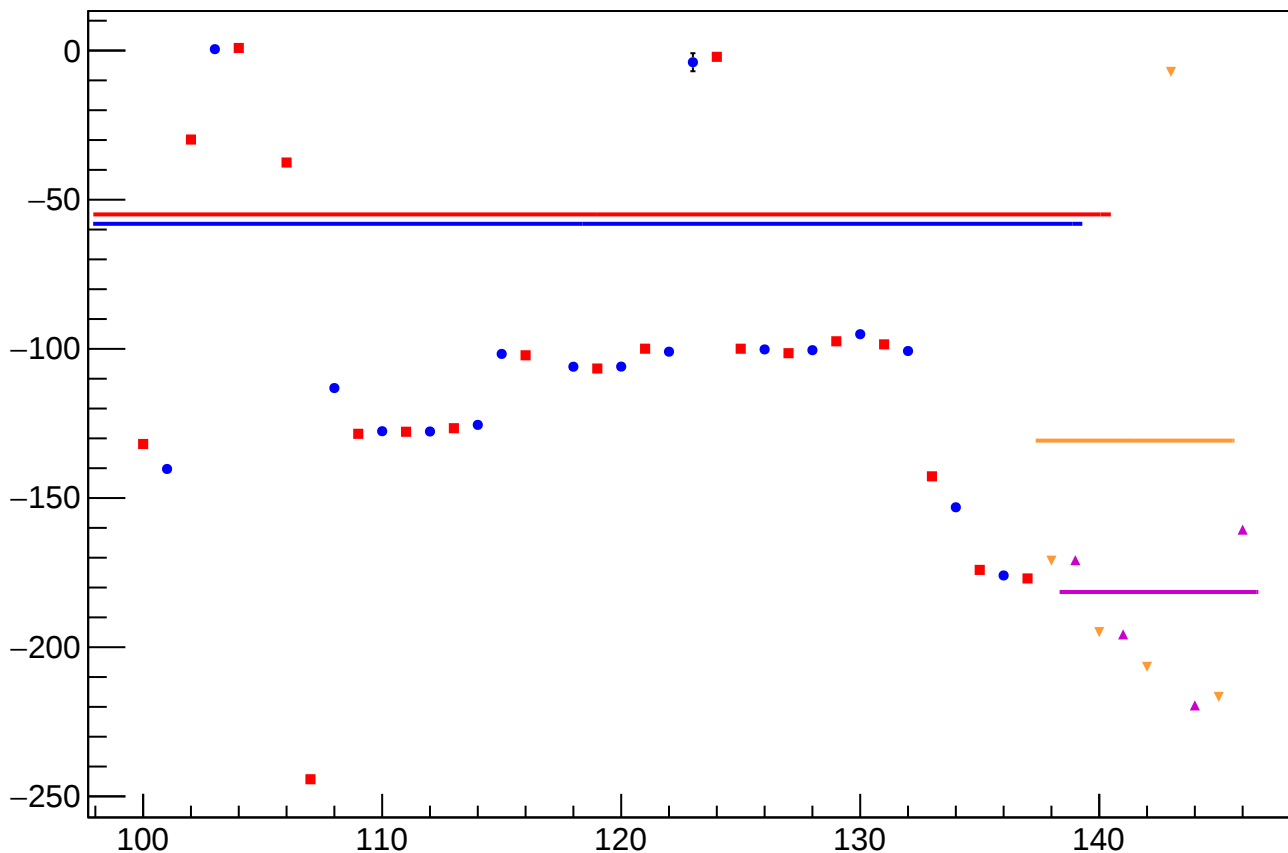
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 46.402 ± 1.139 $\chi^2/\text{NDF}: 919.6/20$

Out: 37.888 ± 1.110 $\chi^2/\text{NDF}: 929.3/23$

All: 42.037 ± 0.795 $\chi^2/\text{NDF}: 1877.6/44$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -130.747+/-0.114 χ^2/NDF : 621191.8/4

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -181.496+/-0.124 χ^2/NDF : 29831.3/3

Left: -153.982+/-0.084 χ^2/NDF : 742412.8/8

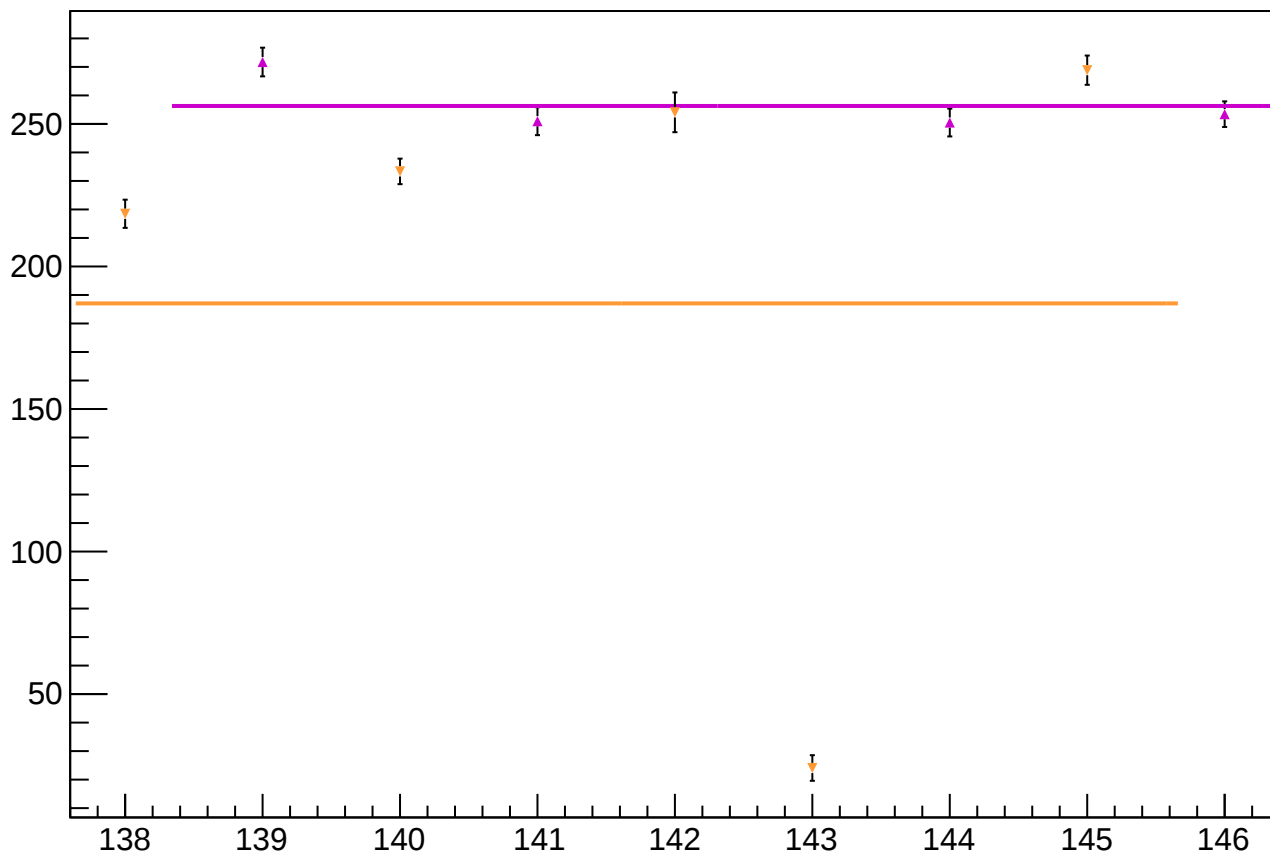
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -82.644+/-0.055 χ^2/NDF : 1932796.1/20

Out: -71.556+/-0.053 χ^2/NDF : 1972931.2/23

All: -76.900+/-0.038 χ^2/NDF : 3926670.5/44

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 187.042+/-2.242 χ^2/NDF :1810.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.299+/-2.407 χ^2/NDF :12.4/3

Left: 219.229+/-1.641 χ^2/NDF : 2265.9/8

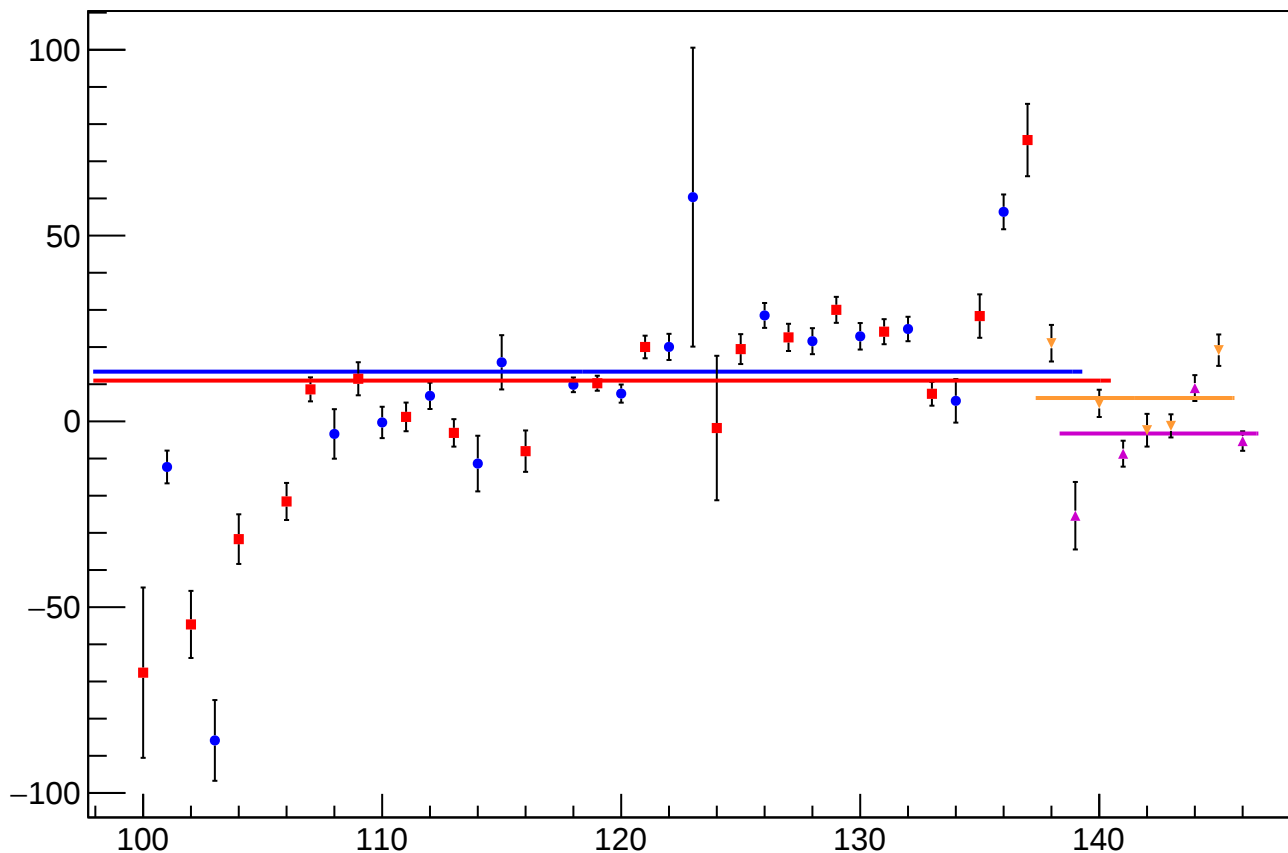
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.299+/-2.407 χ^2/NDF :12.4/3

Out: 187.042+/-2.242 χ^2/NDF :1810.2/4

All: 219.229+/-1.641 χ^2/NDF : 2265.9/8

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 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: -3.265 $\pm$ 1.762 χ^2 /NDF: 21.3/3

Left: 1.544 $\pm$ 1.242 χ^2 /NDF: 64.2/8

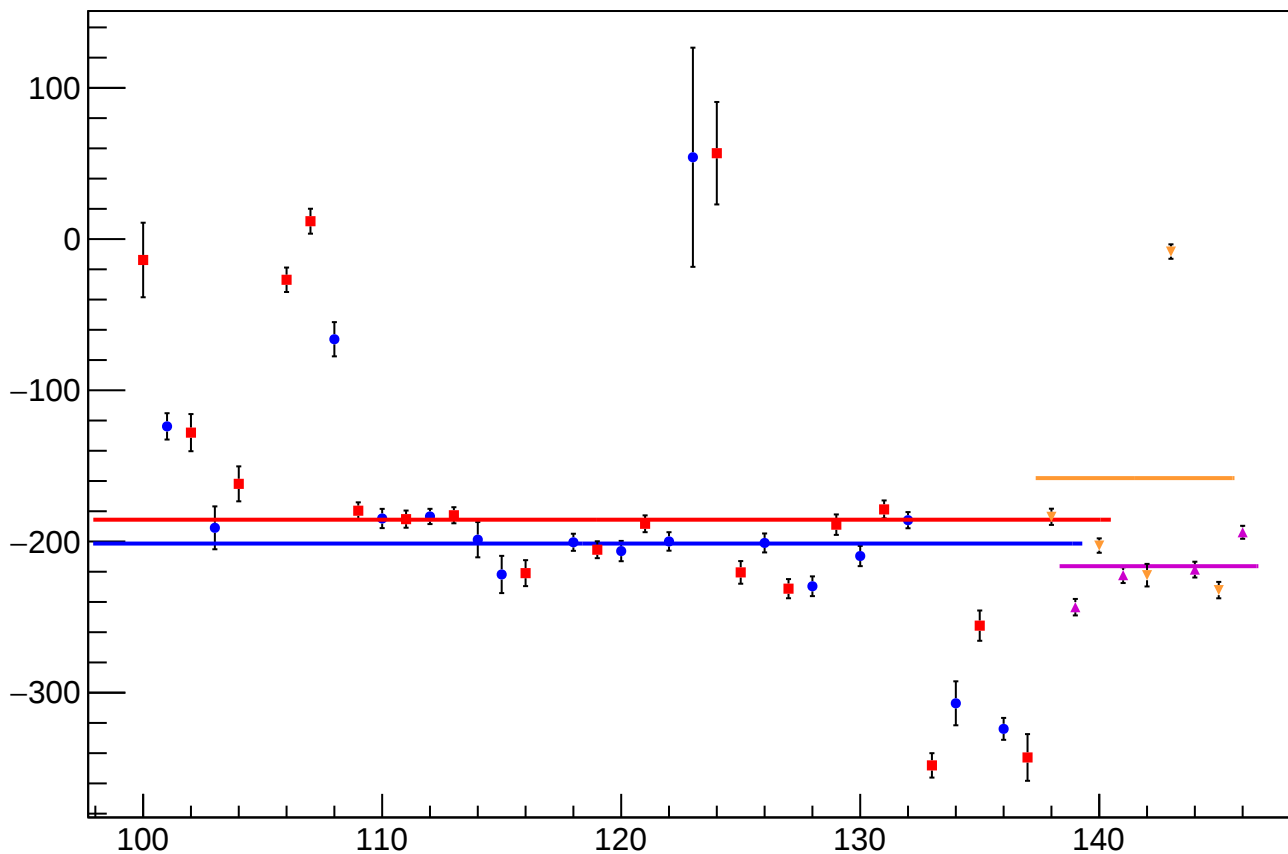
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 9.813 $\pm$ 0.816 χ^2 /NDF: 385.5/20

Out: 9.971 $\pm$ 0.811 χ^2 /NDF: 337.7/23

All: 9.892 $\pm$ 0.575 χ^2 /NDF: 723.2/44

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: -216.332 ± 2.489 χ^2/NDF : 53.5/3

Left: -186.088 ± 1.726 χ^2/NDF : 1686.9/8

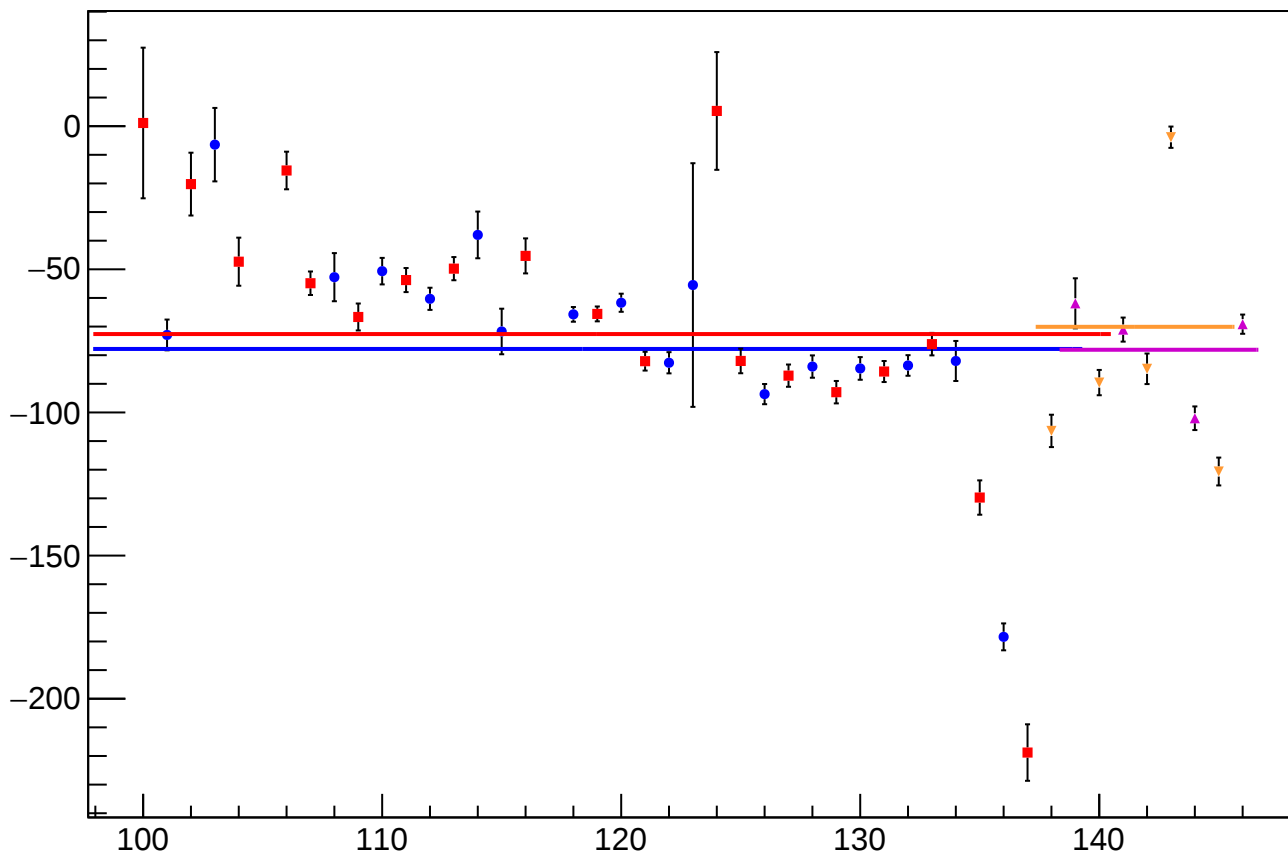
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -206.445 ± 1.450 χ^2/NDF : 702.4/20

Out: -176.378 ± 1.386 χ^2/NDF : 3185.0/23

All: -190.735 ± 1.002 χ^2/NDF : 4112.1/44

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -70.086 ± 2.076 χ^2/NDF : 493.4/4

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -78.100 ± 2.146 χ^2/NDF : 46.9/3

Left: -73.960 ± 1.492 χ^2/NDF : 547.5/8

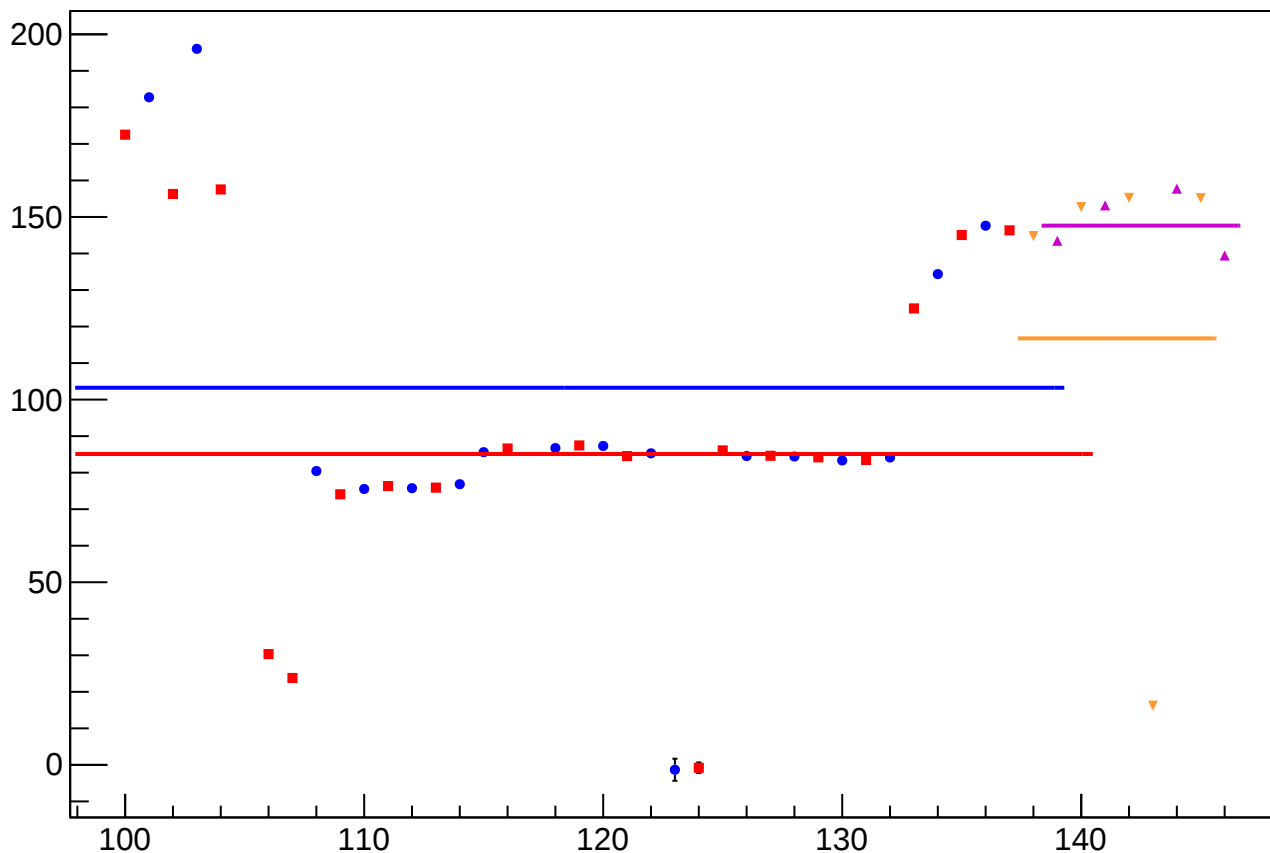
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.874 ± 0.956 χ^2/NDF : 703.3/20

Out: -72.098 ± 0.939 χ^2/NDF : 1101.4/23

All: -74.934 ± 0.670 χ^2/NDF : 1823.3/44

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 116.759 $\pm$ 0.097 χ^2 /NDF:369558.1/4

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 147.622 $\pm$ 0.103 χ^2 /NDF:4819.9/3

Left: 131.322 $\pm$ 0.071 χ^2 /NDF: 421730.9/8

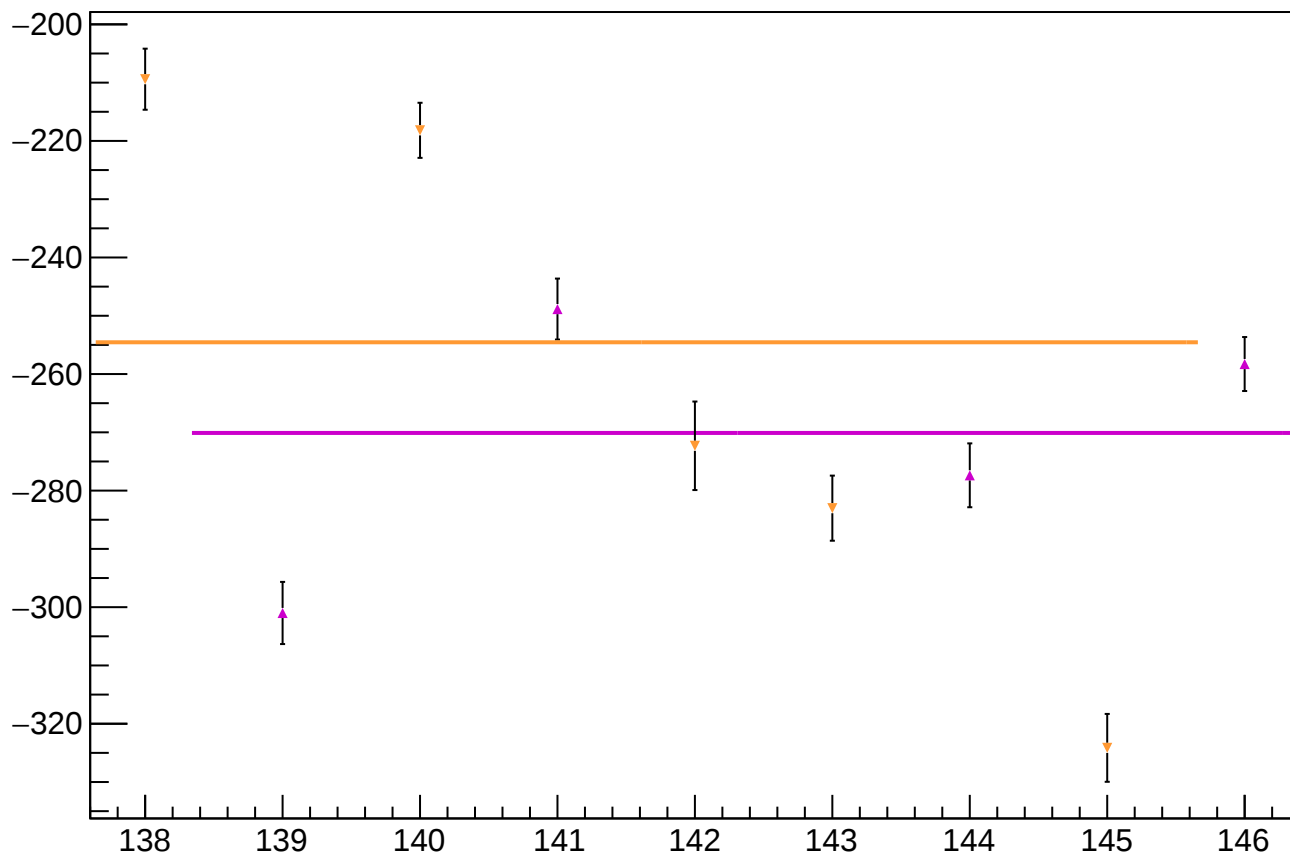
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 117.380 $\pm$ 0.058 χ^2 /NDF:404531.5/20

Out: 94.587 $\pm$ 0.053 χ^2 /NDF:867029.9/23

All: 104.994 $\pm$ 0.039 χ^2 /NDF: 1354998.7/44

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -254.550+/-2.499 χ^2/NDF :307.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.105+/-2.568 χ^2/NDF :58.3/3

Left: -262.116+/-1.791 χ^2/NDF : 384.9/8

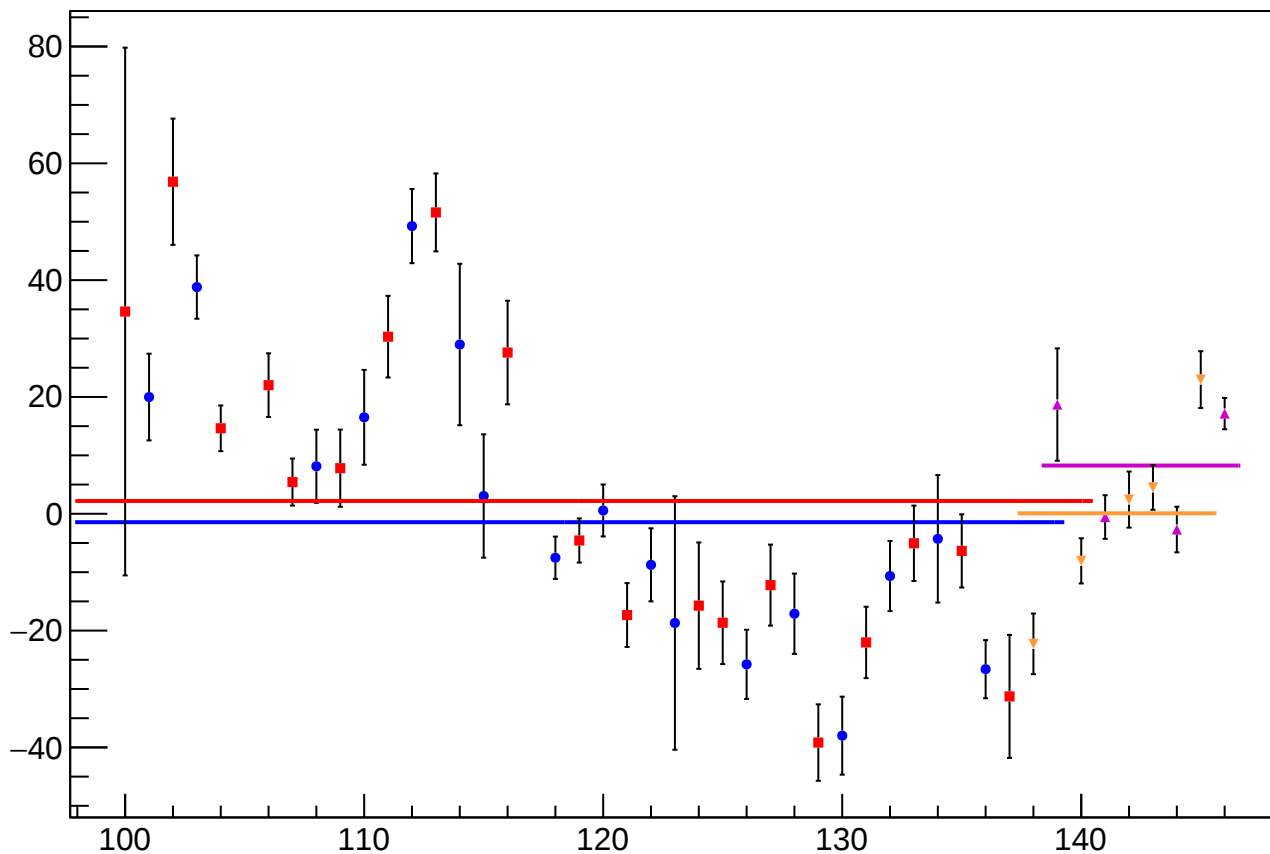
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.105+/-2.568 χ^2/NDF :58.3/3

Out: -254.550+/-2.499 χ^2/NDF :307.7/4

All: -262.116+/-1.791 χ^2/NDF : 384.9/8

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 $\pm$ 1.516 χ^2 /NDF: 224.4/16

Left Out: 0.080 $\pm$ 1.971 χ^2 /NDF:46.6/4

Right Out: 2.188 $\pm$ 1.400 χ^2 /NDF: 230.7/18

Left In: 8.257 $\pm$ 1.864 χ^2 /NDF:25.7/3

Left: 4.396 $\pm$ 1.354 χ^2 /NDF: 81.4/8

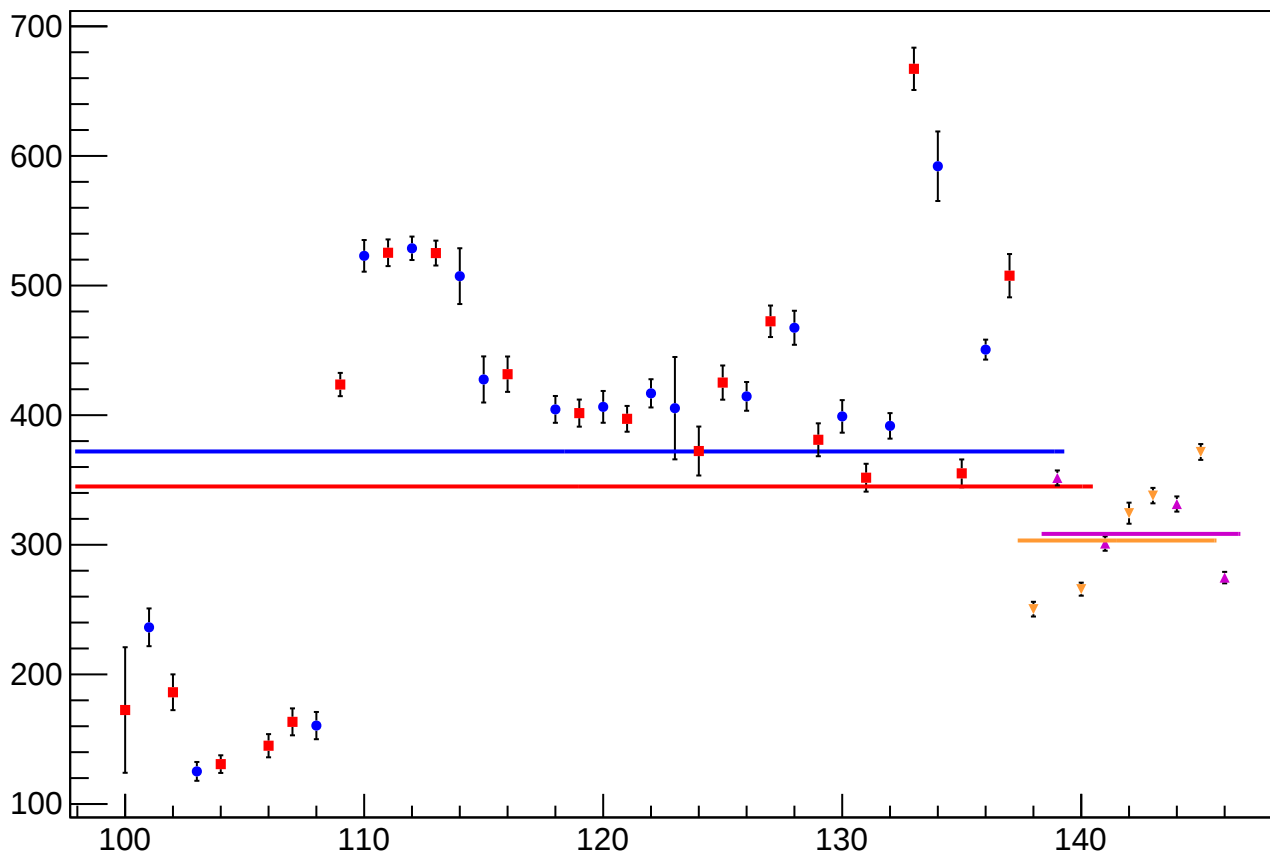
Right: 0.518 $\pm$ 1.029 χ^2 /NDF: 458.2/35

In: 2.421 $\pm$ 1.176 χ^2 /NDF:266.4/20

Out: 1.481 $\pm$ 1.142 χ^2 /NDF:278.1/23

All: 1.937 $\pm$ 0.819 χ^2 /NDF: 544.8/44

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: 308.409 $\pm$ 2.648 χ^2 /NDF:131.3/3

Left: 305.875 $\pm$ 1.879 χ^2 /NDF: 441.4/8

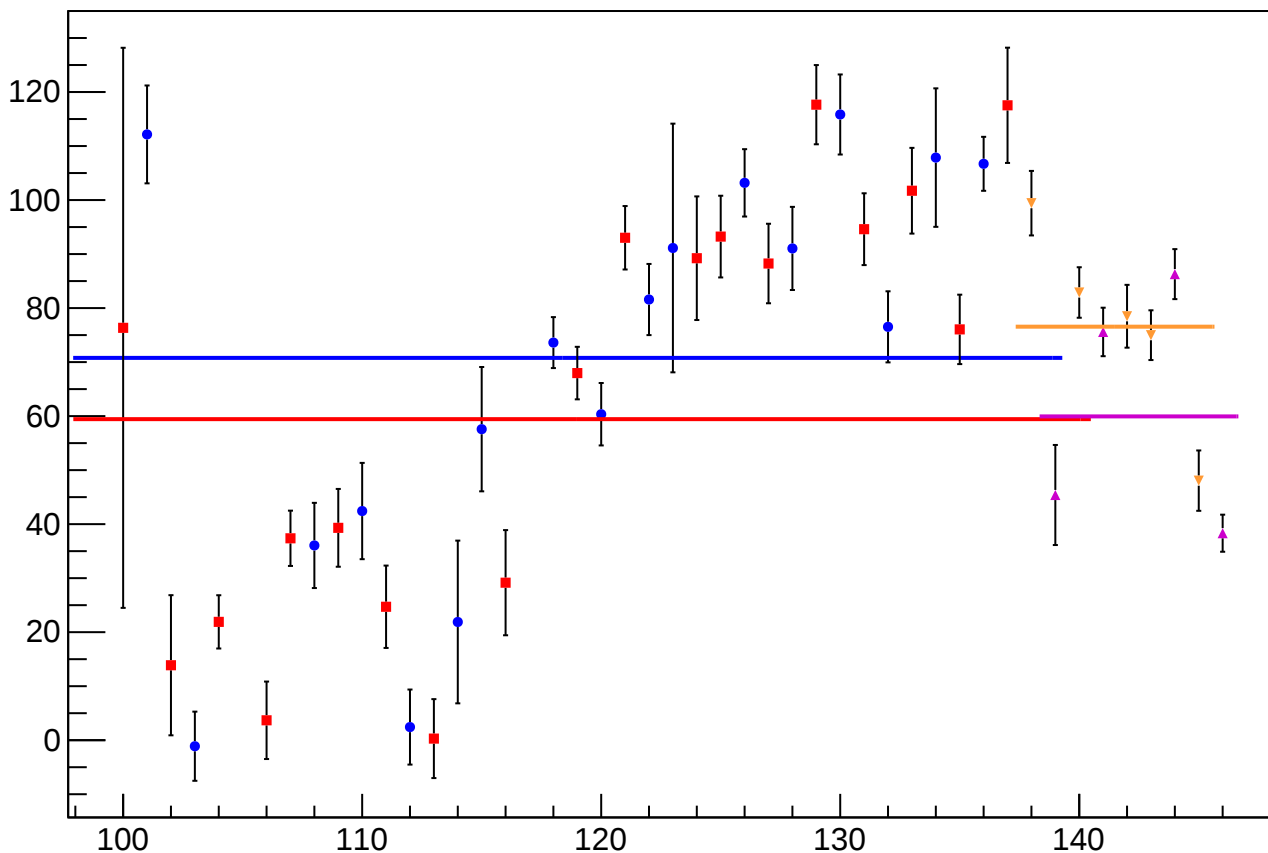
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 338.838 $\pm$ 1.912 χ^2 /NDF:2838.4/20

Out: 324.991 $\pm$ 1.847 χ^2 /NDF:3849.8/23

All: 331.673 $\pm$ 1.329 χ^2 /NDF: 6715.3/44

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: 59.946 $\pm$ 2.277 χ^2 /NDF:86.7/3

Left: 68.024 $\pm$ 1.632 χ^2 /NDF: 155.3/8

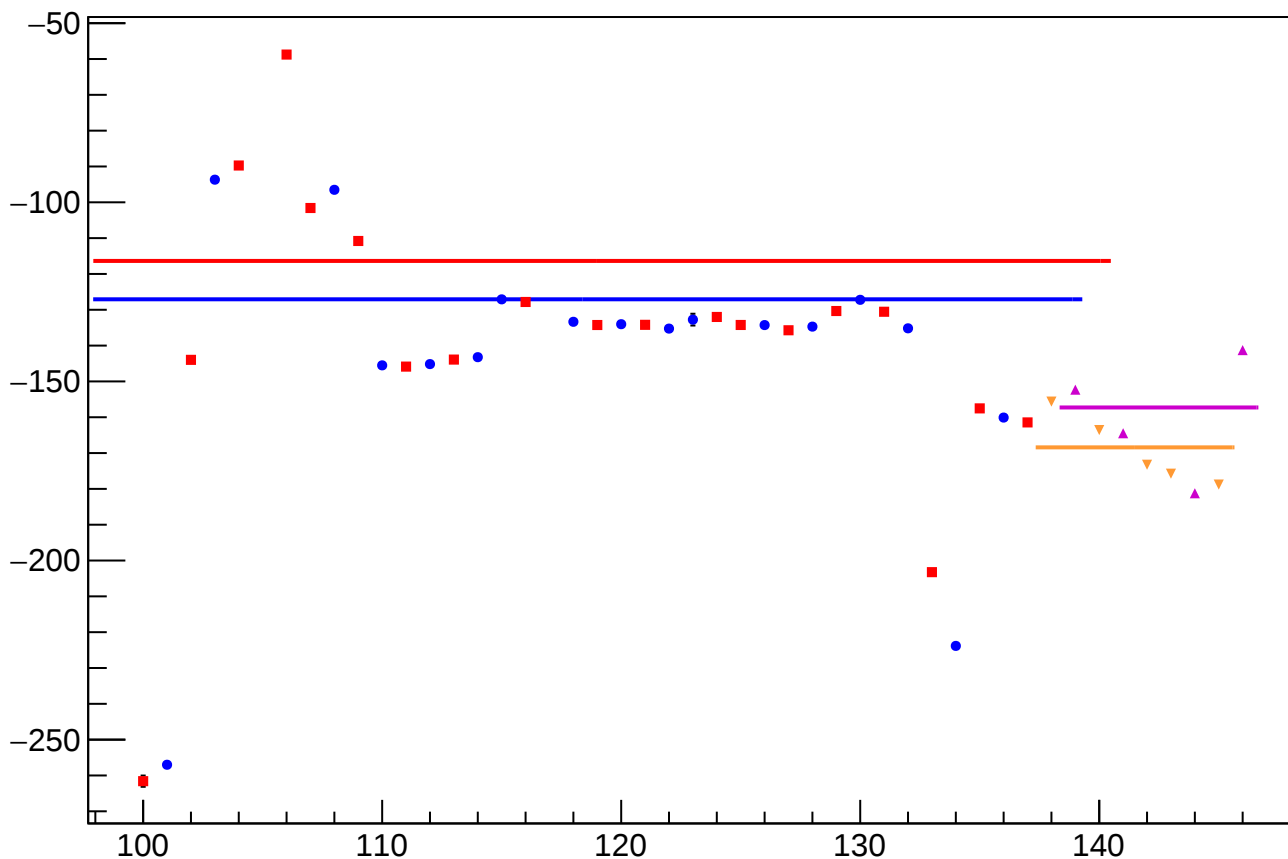
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 66.767 $\pm$ 1.386 χ^2 /NDF:524.9/20

Out: 65.036 $\pm$ 1.338 χ^2 /NDF:565.5/23

All: 65.871 $\pm$ 0.963 χ^2 /NDF: 1091.1/44

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: -157.273+/-0.110 χ^2/NDF : 16524.3/3

Left: -162.875+/-0.077 χ^2/NDF : 28411.8/8

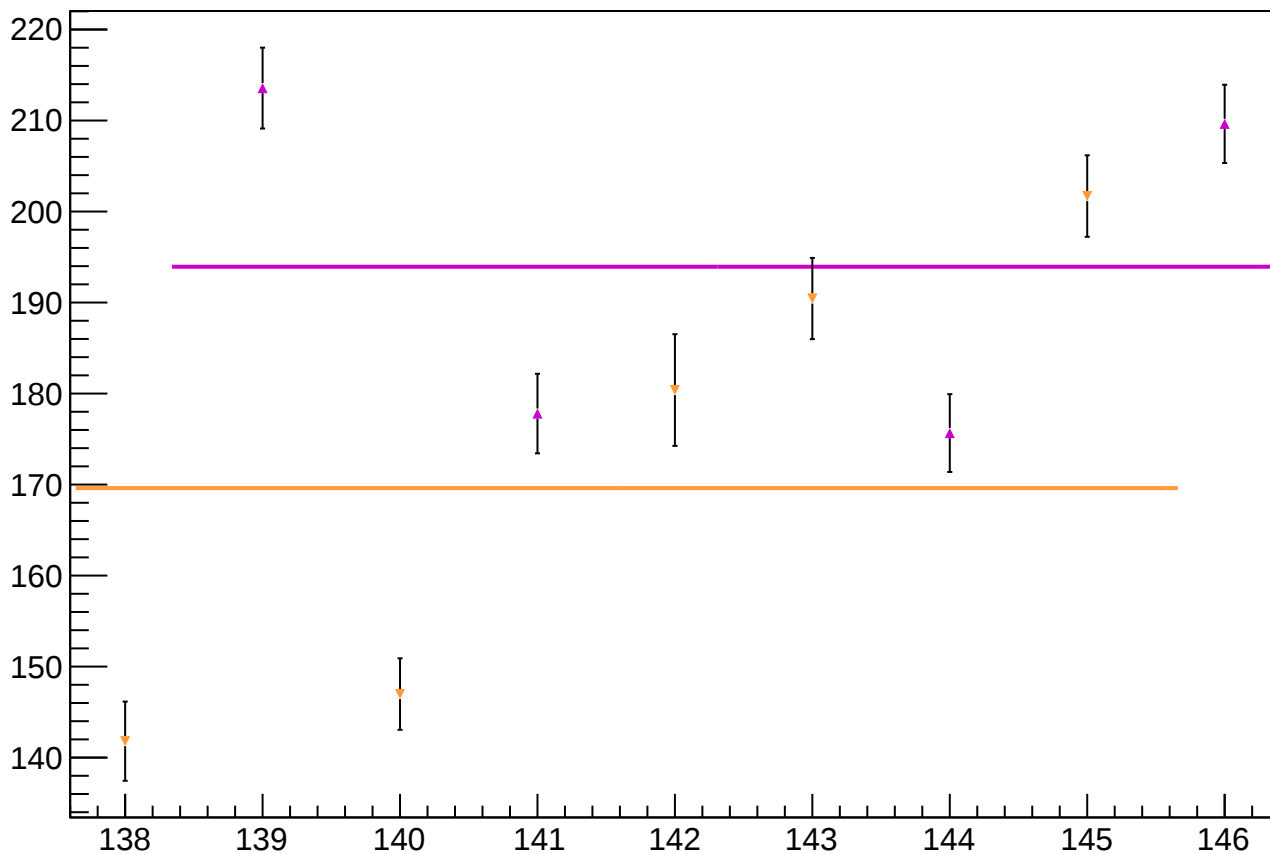
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -139.151+/-0.069 χ^2/NDF : 229044.6/20

Out: -135.434+/-0.066 χ^2/NDF : 318668.4/23

All: -137.200+/-0.048 χ^2/NDF : 549220.0/44

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: 193.937+/-2.173 χ^2/NDF :64.7/3

Left: 180.910+/-1.481 χ^2/NDF : 282.1/8

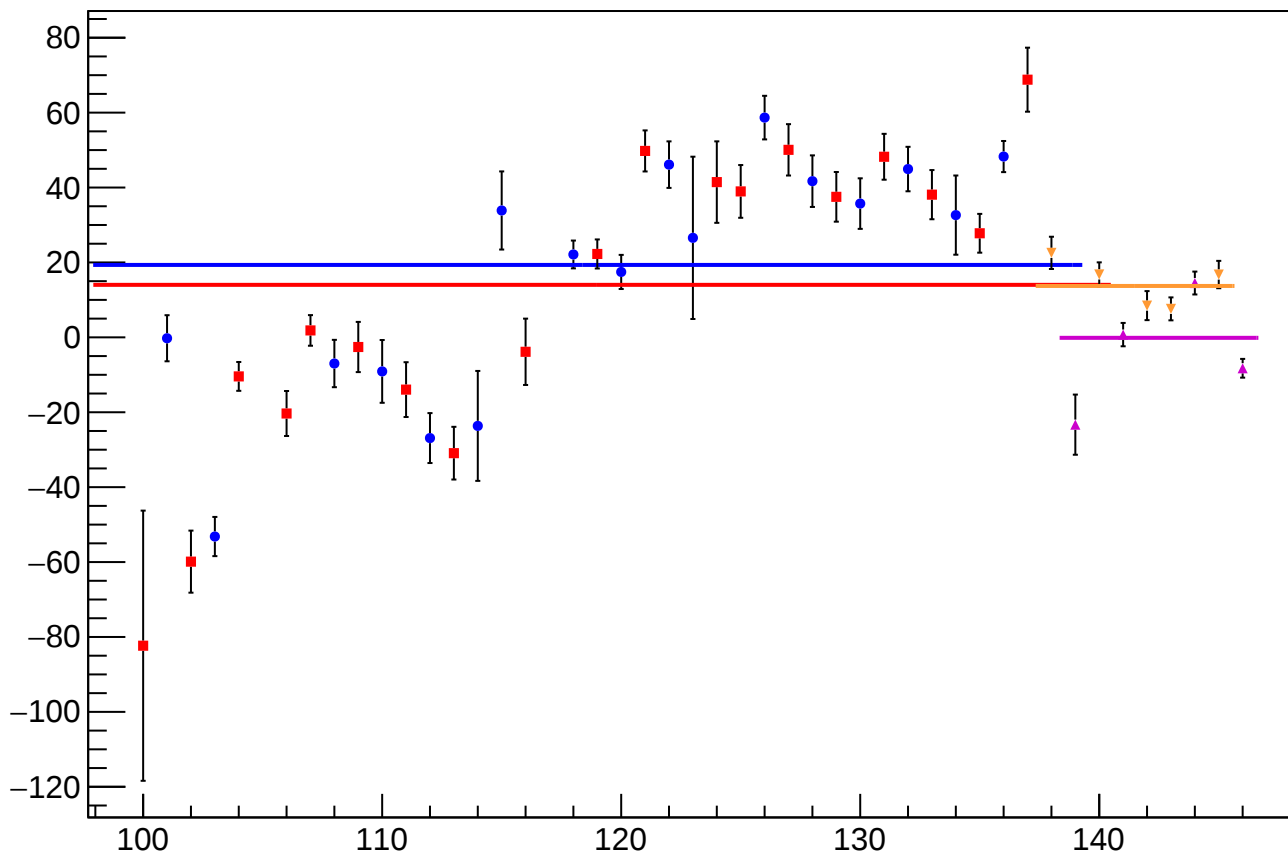
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.937+/-2.173 χ^2/NDF :64.7/3

Out: 169.611+/-2.024 χ^2/NDF :150.2/4

All: 180.910+/-1.481 χ^2/NDF : 282.1/8

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 13.722 ± 1.584 $\chi^2/\text{NDF}: 11.6/4$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -0.128 ± 1.612 $\chi^2/\text{NDF}: 41.9/3$

Left: 6.914 ± 1.130 $\chi^2/\text{NDF}: 91.1/8$

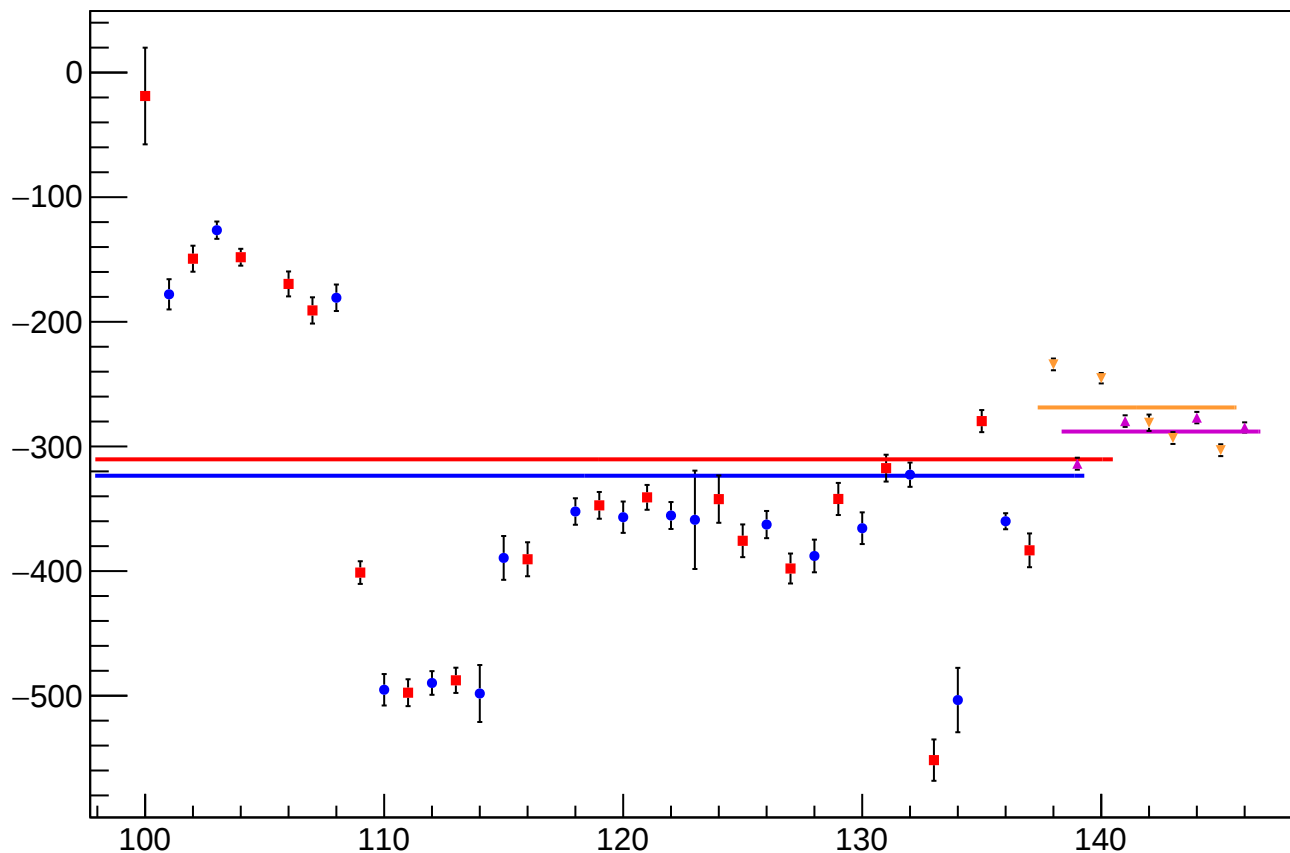
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 10.416 ± 1.091 $\chi^2/\text{NDF}: 560.8/20$

Out: 13.889 ± 1.045 $\chi^2/\text{NDF}: 444.9/23$

All: 12.228 ± 0.755 $\chi^2/\text{NDF}: 1010.9/44$

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: -288.041 ± 2.255 χ^2/NDF : 38.6/3

Left: -277.967 ± 1.561 χ^2/NDF : 244.3/8

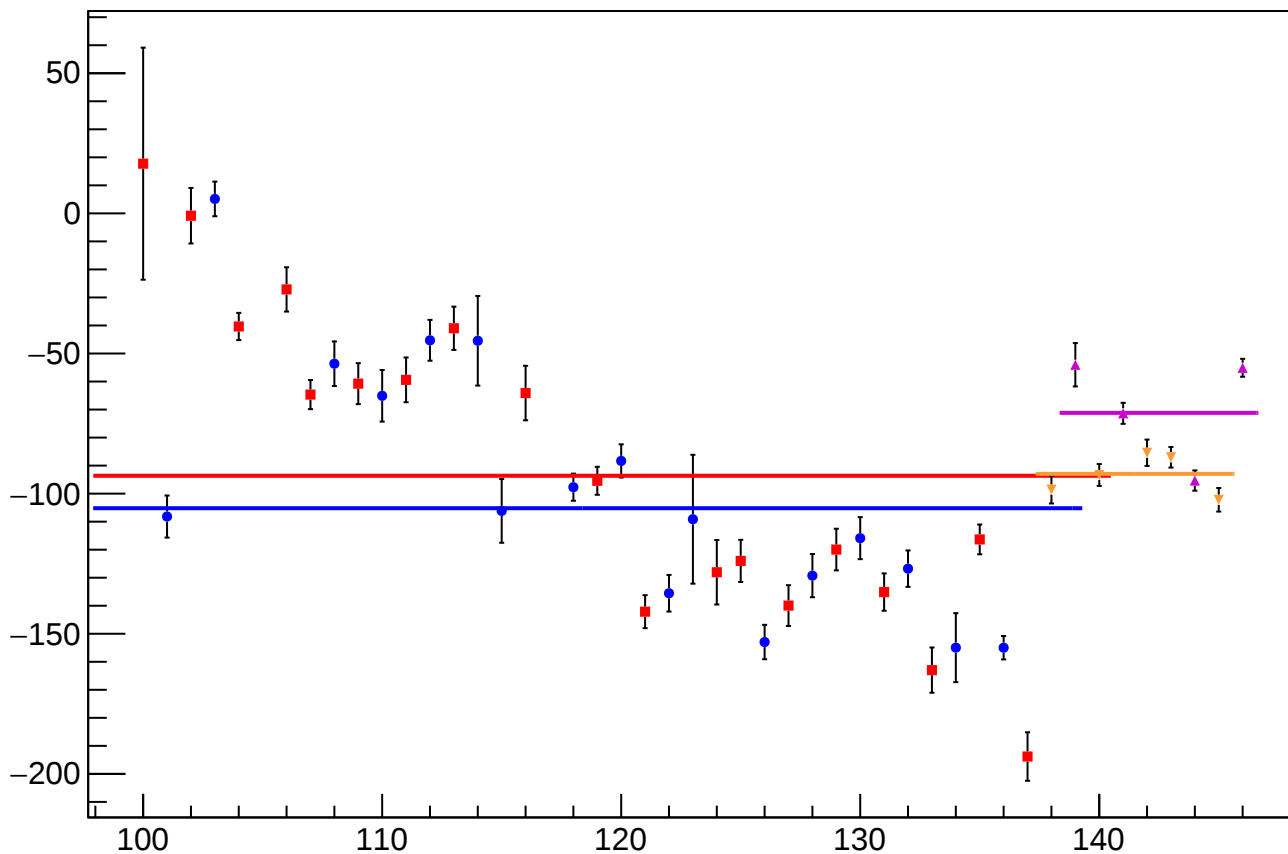
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -302.787 ± 1.724 χ^2/NDF : 1989.0/20

Out: -286.349 ± 1.642 χ^2/NDF : 2624.9/23

All: -294.167 ± 1.189 χ^2/NDF : 4661.6/44

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: -71.180+/-1.955 χ^2 /NDF:74.7/3

Left: -82.485+/-1.355 χ^2 /NDF: 150.4/8

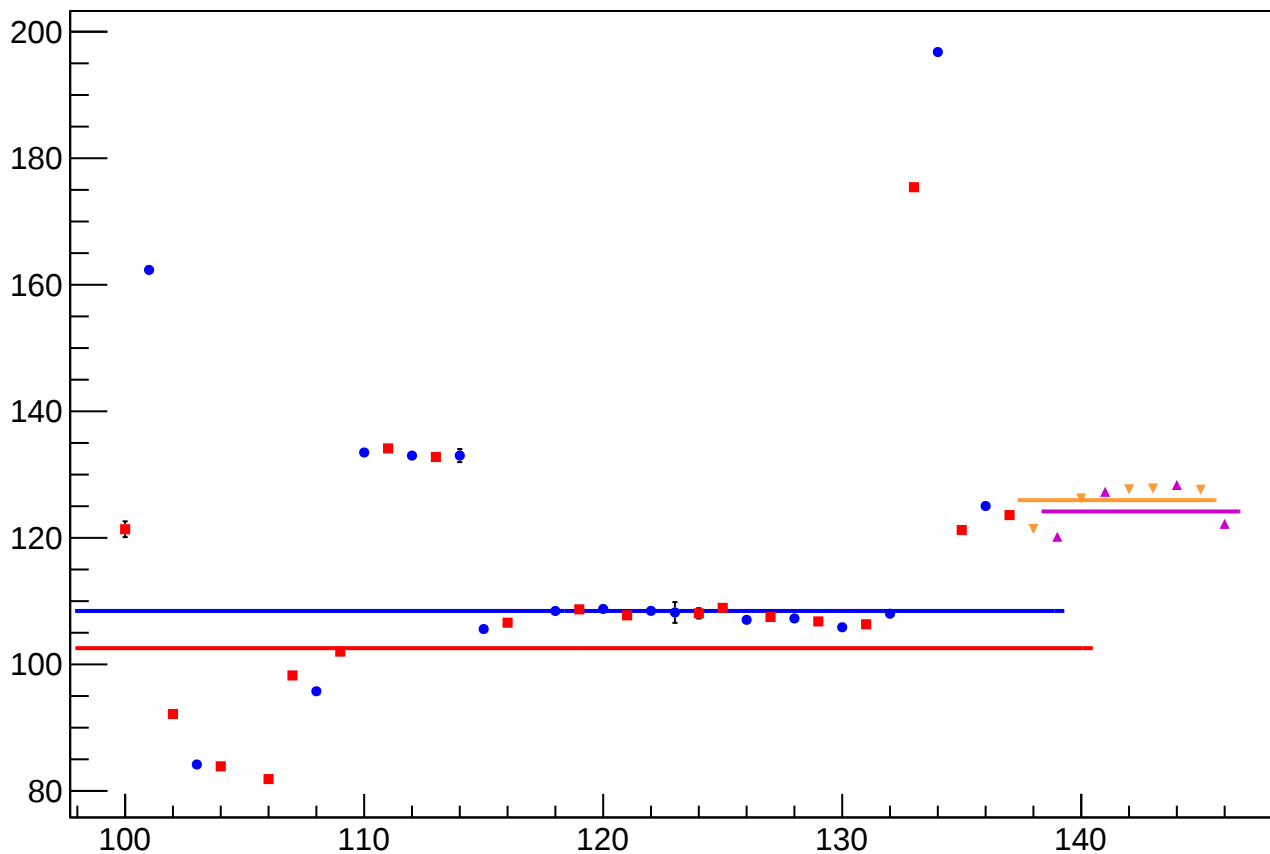
Right: -99.110+/-1.168 χ^2 /NDF: 1582.8/35

In: -90.589+/-1.282 χ^2 /NDF:983.1/20

Out: -93.337+/-1.223 χ^2 /NDF:834.0/23

All: -92.027+/-0.885 χ^2 /NDF: 1819.5/44

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: 124.174 $\pm$ 0.093 χ^2 /NDF: 1373.4/3

Left: 125.112 $\pm$ 0.064 χ^2 /NDF: 2371.0/8

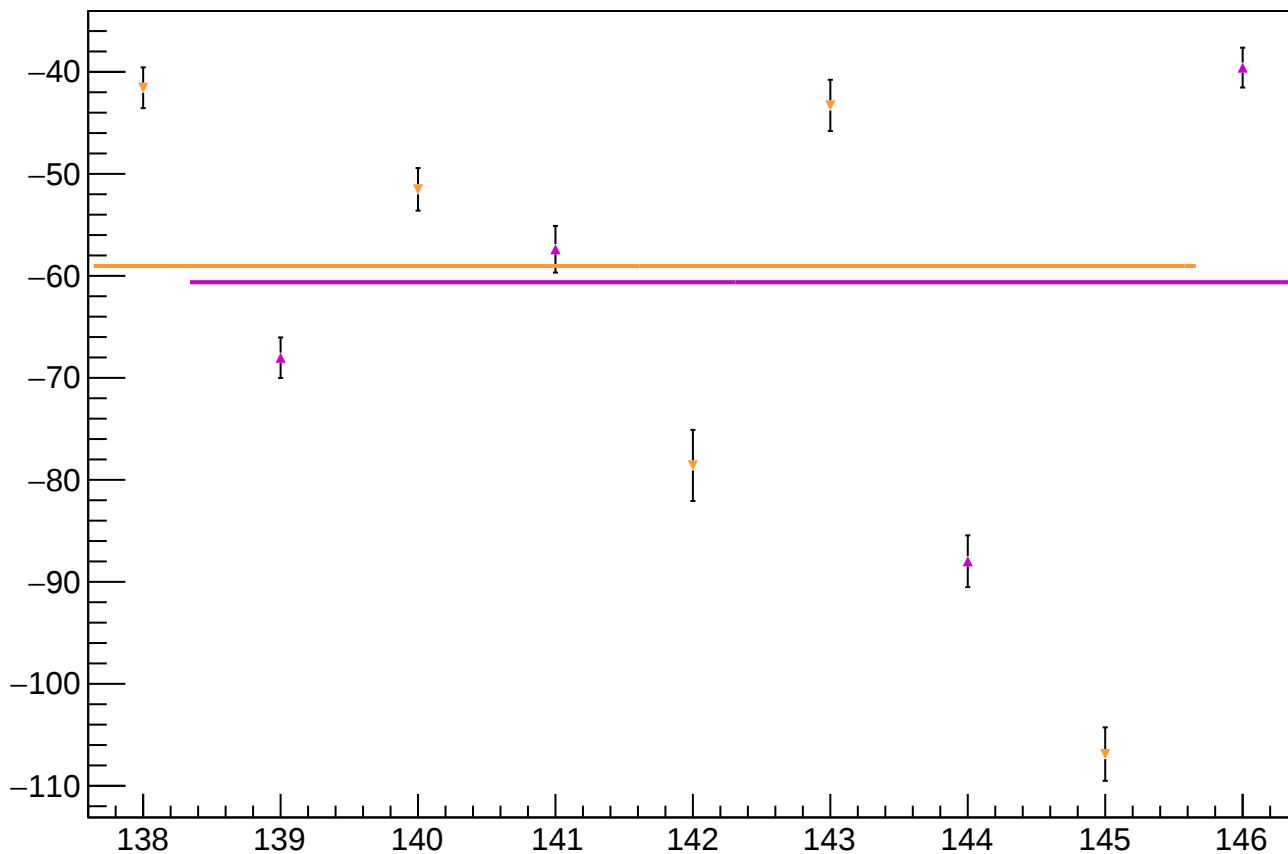
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 115.592 $\pm$ 0.063 χ^2 /NDF: 90264.4/20

Out: 113.044 $\pm$ 0.059 χ^2 /NDF: 92775.4/23

All: 114.243 $\pm$ 0.043 χ^2 /NDF: 183916.3/44

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.033+/-1.075 χ^2/NDF :493.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -60.618+/-1.078 χ^2/NDF :248.2/3

Left: -59.823+/-0.761 χ^2/NDF : 743.1/8

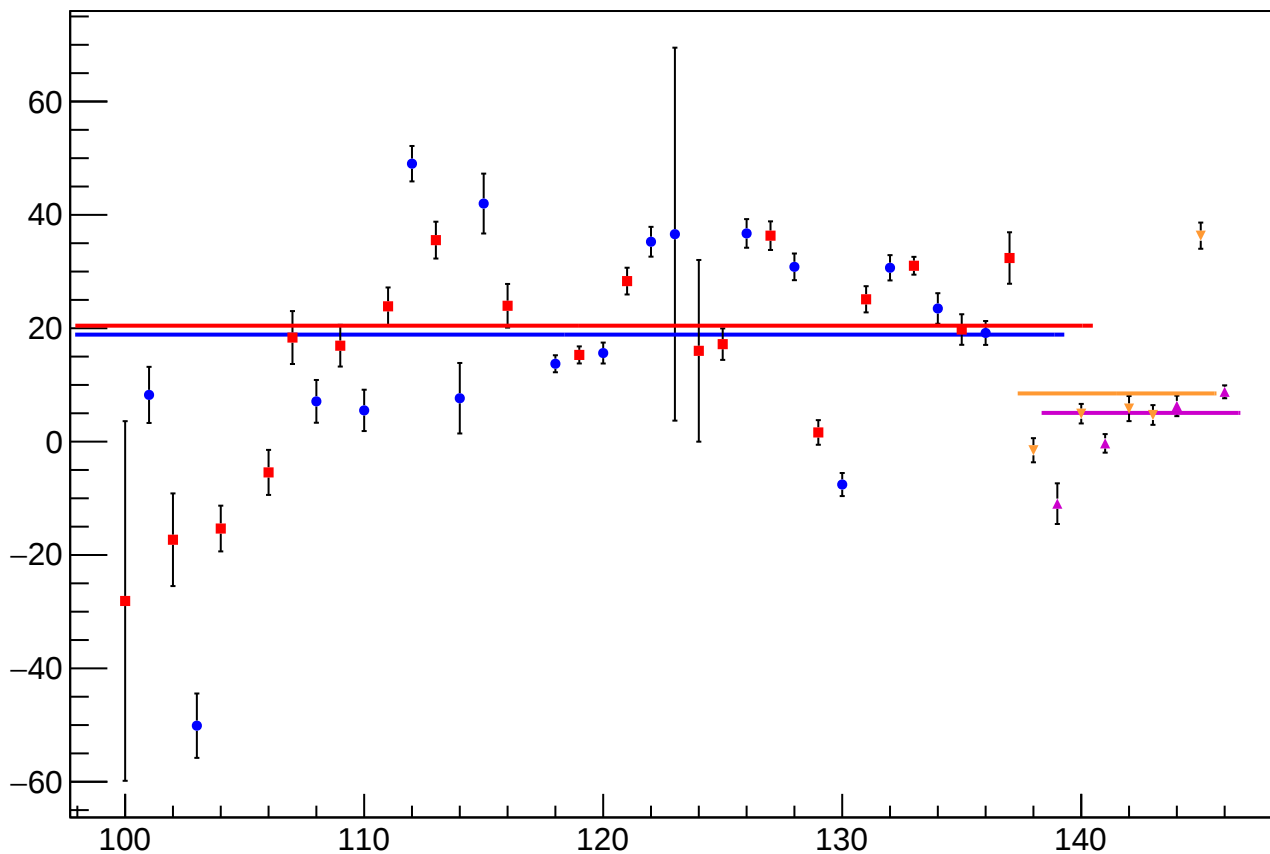
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.618+/-1.078 χ^2/NDF :248.2/3

Out: -59.033+/-1.075 χ^2/NDF :493.9/4

All: -59.823+/-0.761 χ^2/NDF : 743.1/8

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2/NDF : 620.5/16

Left Out: 8.500+/-0.884 χ^2/NDF : 177.7/4

Right Out: 20.454+/-0.643 χ^2/NDF : 364.8/18

Left In: 5.066+/-0.809 χ^2/NDF : 41.8/3

Left: 6.631+/-0.597 χ^2/NDF : 227.8/8

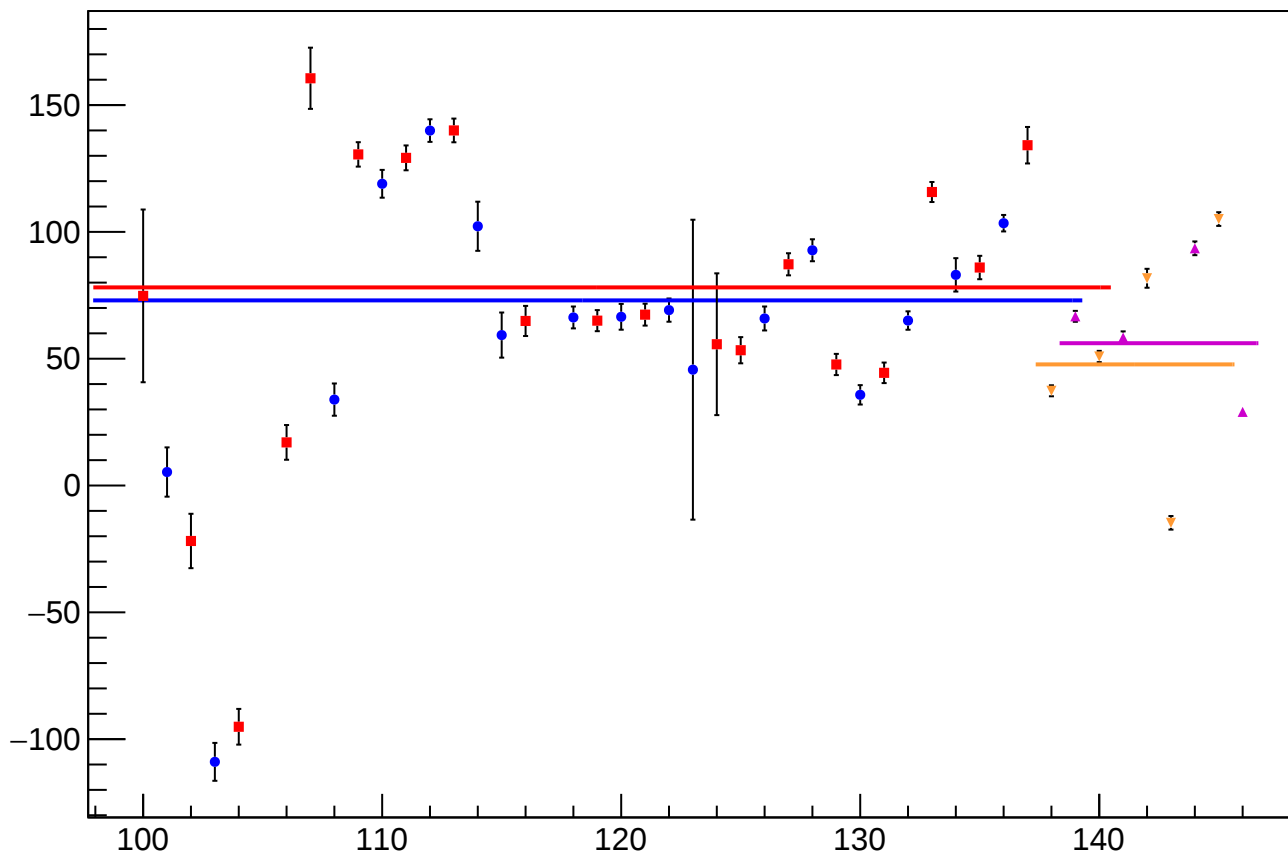
Right: 19.666+/-0.455 χ^2/NDF : 988.3/35

In: 13.515+/-0.504 χ^2/NDF : 840.6/20

Out: 16.315+/-0.520 χ^2/NDF : 662.0/23

All: 14.871+/-0.362 χ^2/NDF : 1517.6/44

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: 56.110 $\pm$ 1.113 χ^2 /NDF:425.5/3

Left: 52.050 $\pm$ 0.798 χ^2 /NDF: 1553.3/8

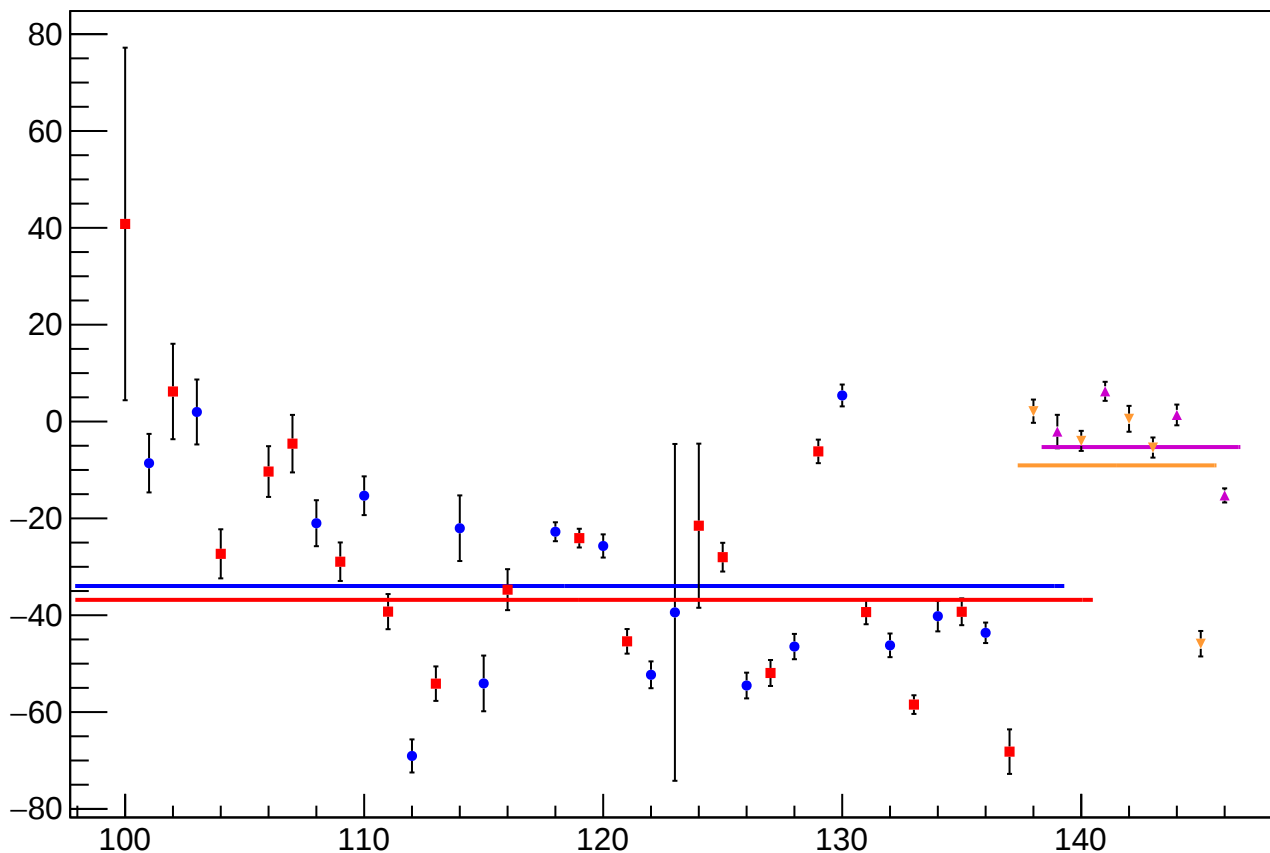
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 63.712 $\pm$ 0.825 χ^2 /NDF:1734.5/20

Out: 61.937 $\pm$ 0.836 χ^2 /NDF:2975.6/23

All: 62.836 $\pm$ 0.587 χ^2 /NDF: 4712.4/44

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -9.054 ± 1.041 χ^2/NDF : 239.7/4

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -5.269 ± 0.985 χ^2/NDF : 91.6/3

Left: -7.057 ± 0.716 χ^2/NDF : 338.3/8

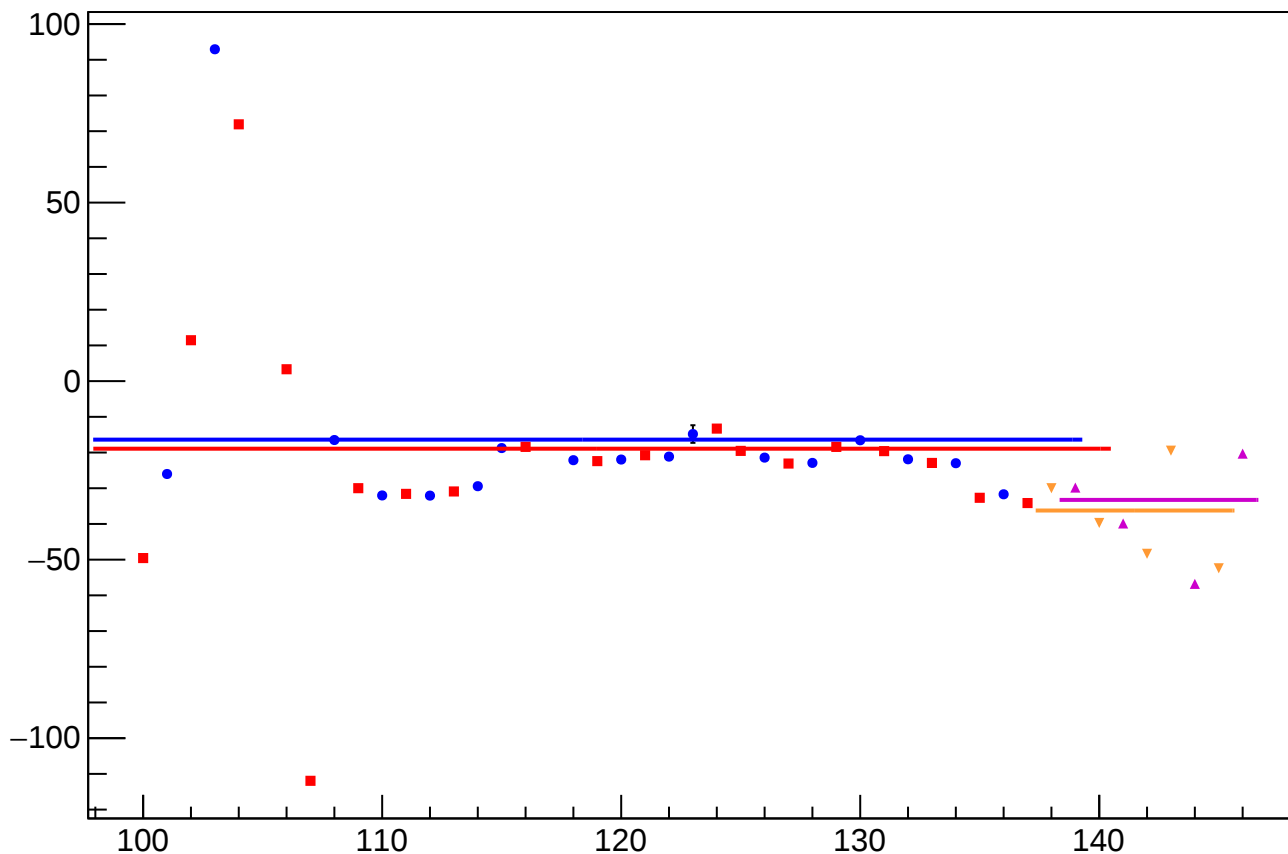
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -23.657 ± 0.590 χ^2/NDF : 1357.2/20

Out: -27.556 ± 0.601 χ^2/NDF : 1253.7/23

All: -25.571 ± 0.421 χ^2/NDF : 2632.3/44

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -36.238 ± 0.046 $\chi^2/\text{NDF}: 60425.4/4$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -33.265 ± 0.045 $\chi^2/\text{NDF}: 68355.9/3$

Left: -34.722 ± 0.032 $\chi^2/\text{NDF}: 130876.0/8$

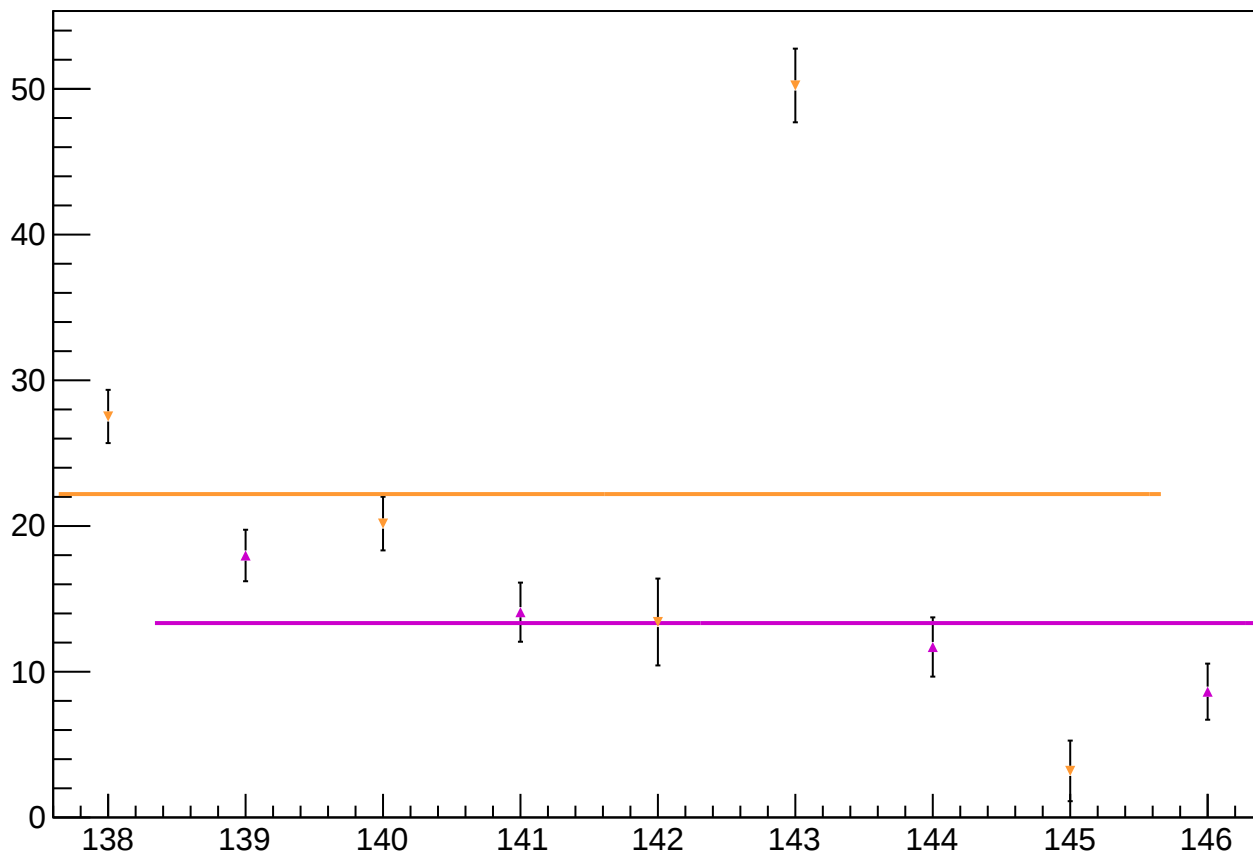
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -24.635 ± 0.032 $\chi^2/\text{NDF}: 613071.1/20$

Out: -27.368 ± 0.032 $\chi^2/\text{NDF}: 565956.1/23$

All: -25.976 ± 0.023 $\chi^2/\text{NDF}: 1182653.0/44$

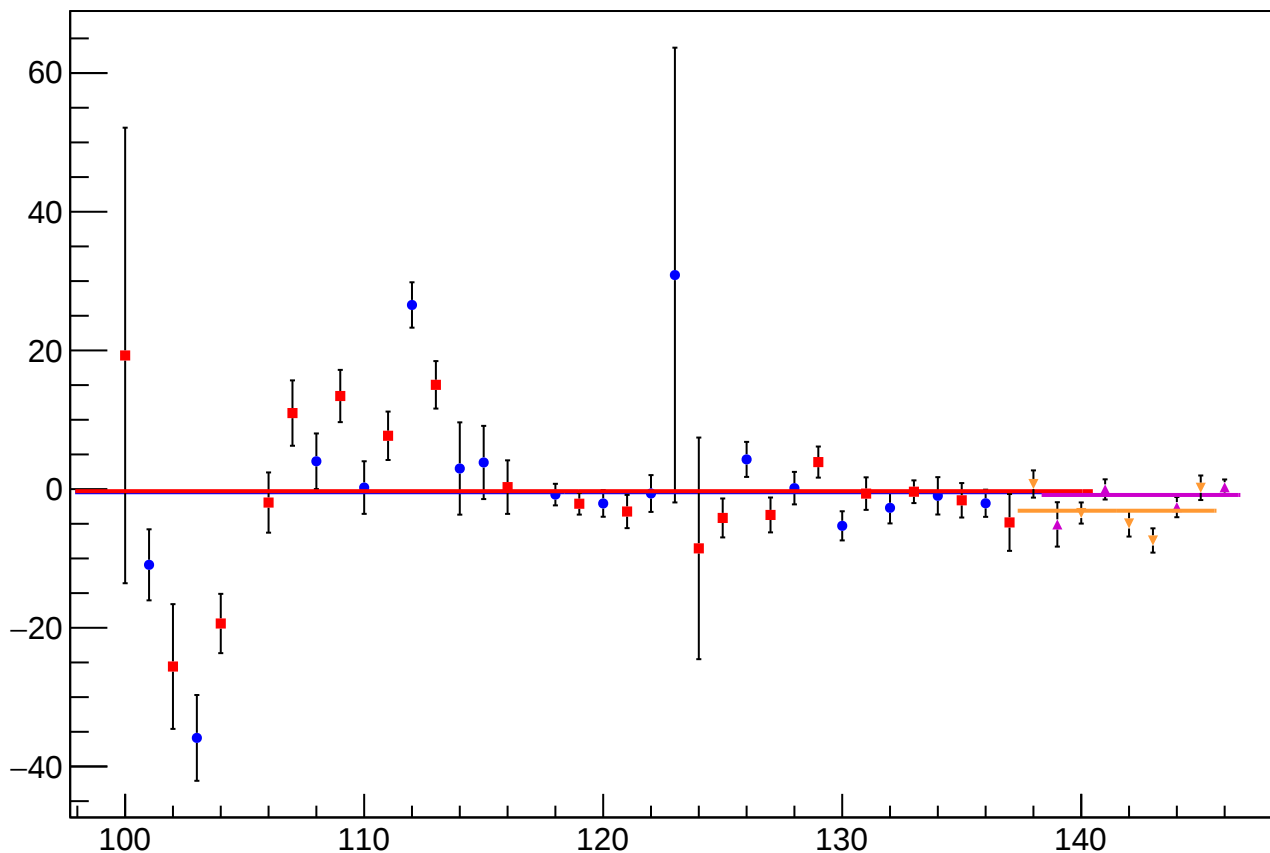
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 22.193 $\pm$ 0.955 χ^2 /NDF:225.0/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3

Left: 17.808 $\pm$ 0.679 χ^2 /NDF: 281.2/8
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.340 $\pm$ 0.964 χ^2 /NDF:13.7/3
 Out: 22.193 $\pm$ 0.955 χ^2 /NDF:225.0/4
 All: 17.808 $\pm$ 0.679 χ^2 /NDF: 281.2/8

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -3.116 ± 0.787 χ^2/NDF : 14.3/4

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.844 ± 0.741 χ^2/NDF : 4.5/3

Left: -1.911 ± 0.539 χ^2/NDF : 23.2/8

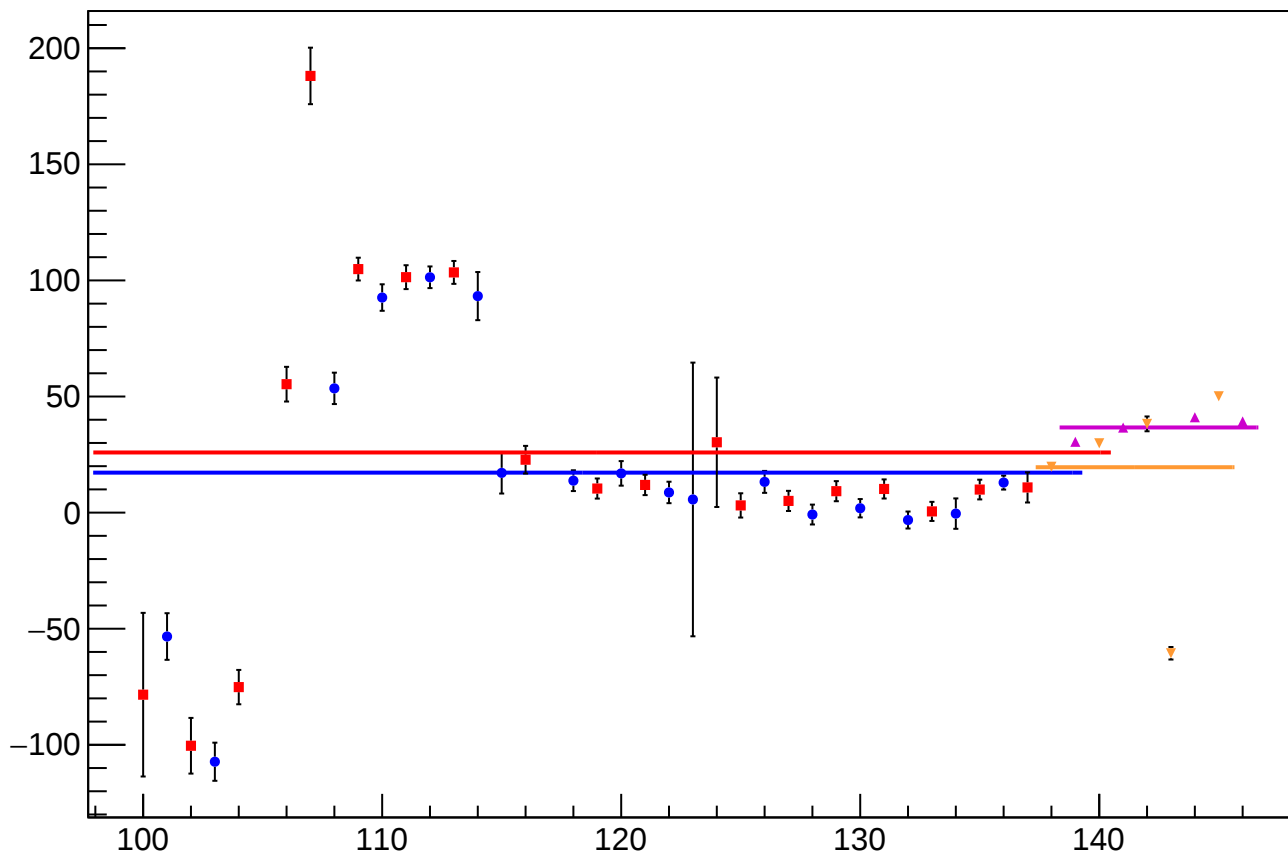
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.624 ± 0.490 χ^2/NDF : 124.2/20

Out: -1.456 ± 0.504 χ^2/NDF : 106.4/23

All: -1.028 ± 0.352 χ^2/NDF : 231.9/44

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: 36.674+/-1.003 χ^2/NDF :16.5/3

Left: 28.256+/-0.715 χ^2/NDF : 1301.5/8

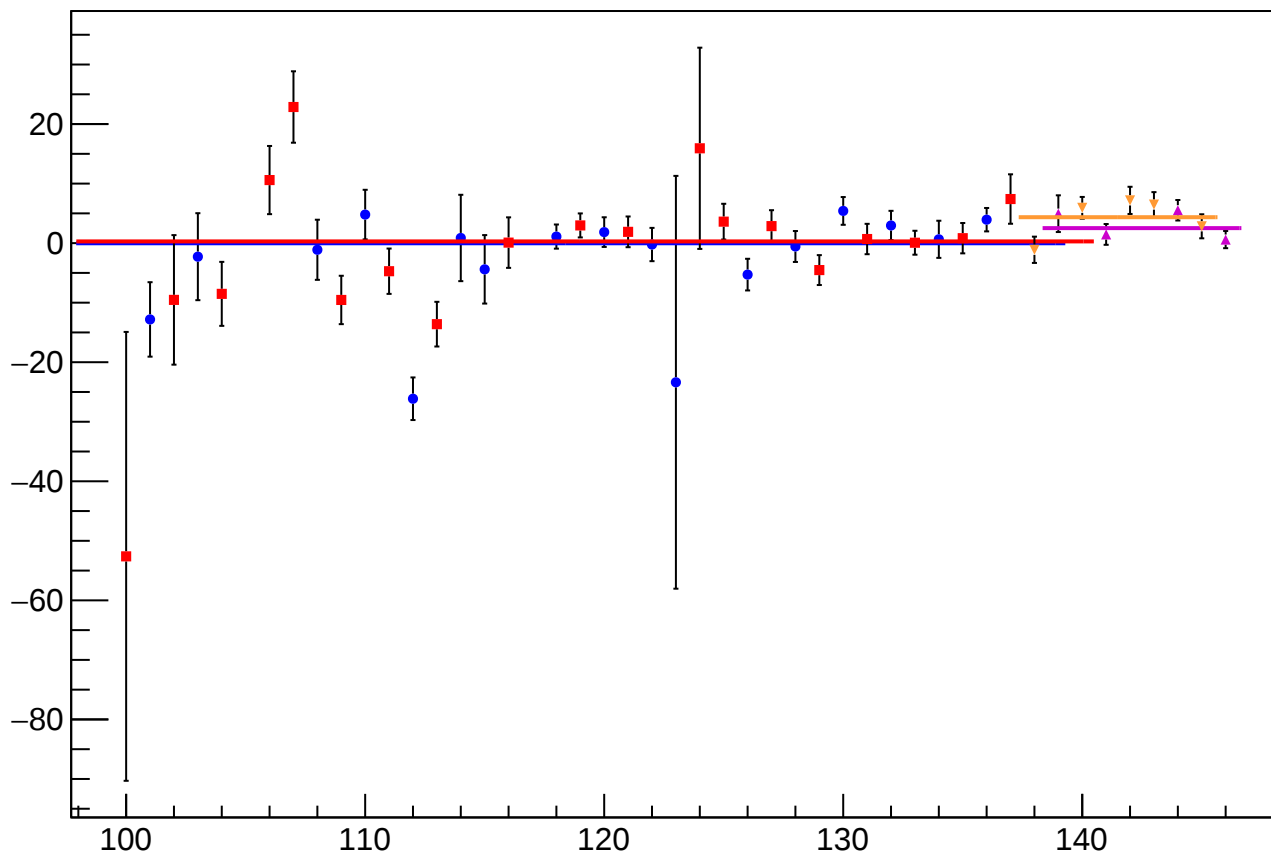
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 28.988+/-0.780 χ^2/NDF :1105.3/20

Out: 22.105+/-0.788 χ^2/NDF :2532.0/23

All: 25.584+/-0.554 χ^2/NDF : 3675.8/44

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: 2.522 ± 0.895 χ^2/NDF : 5.8/3

Left: 3.408 ± 0.643 χ^2/NDF : 17.9/8

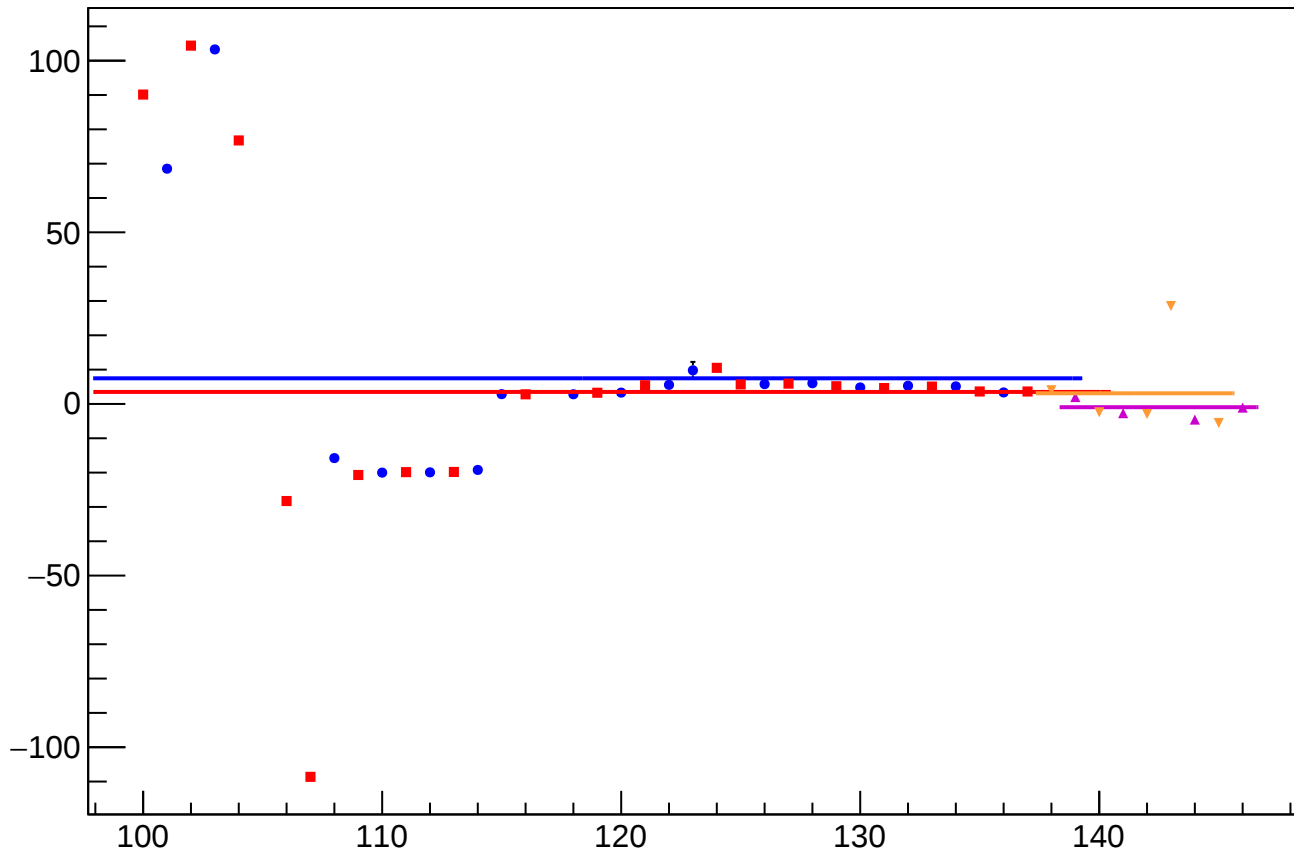
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.020 ± 0.572 χ^2/NDF : 86.4/20

Out: 1.902 ± 0.582 χ^2/NDF : 77.7/23

All: 1.454 ± 0.408 χ^2/NDF : 165.3/44

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 3.105 $\pm$ 0.041 χ^2 /NDF: 71984.4/4

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: -0.947 $\pm$ 0.041 χ^2 /NDF: 3759.1/3

Left: 1.062 $\pm$ 0.029 χ^2 /NDF: 80629.4/8

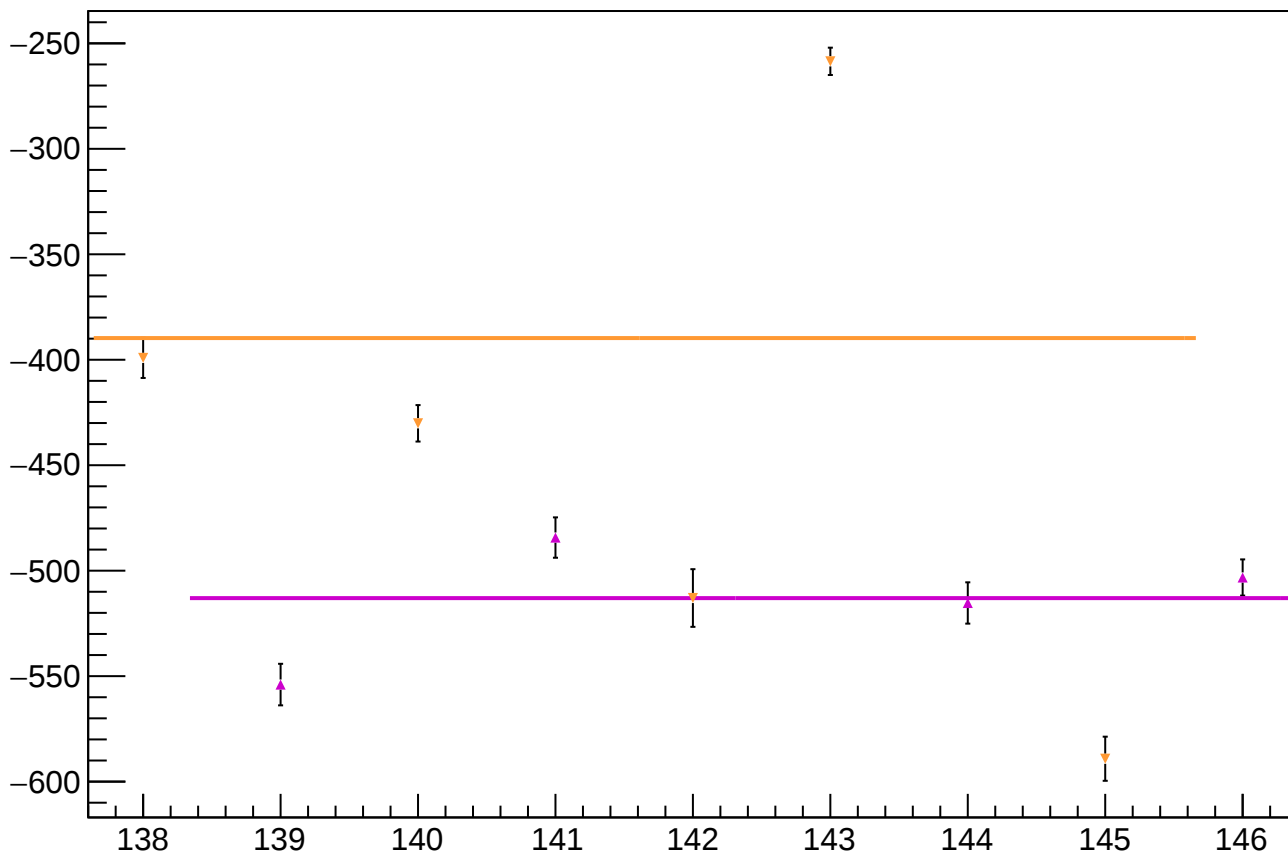
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 2.900 $\pm$ 0.030 χ^2 /NDF: 379080.5/20

Out: 3.283 $\pm$ 0.031 χ^2 /NDF: 582602.9/23

All: 3.088 $\pm$ 0.021 χ^2 /NDF: 961763.1/44

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -389.721+/-3.991 χ^2/NDF :878.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -513.007+/-4.700 χ^2/NDF :27.7/3

Left: -441.374+/-3.042 χ^2/NDF : 1305.4/8

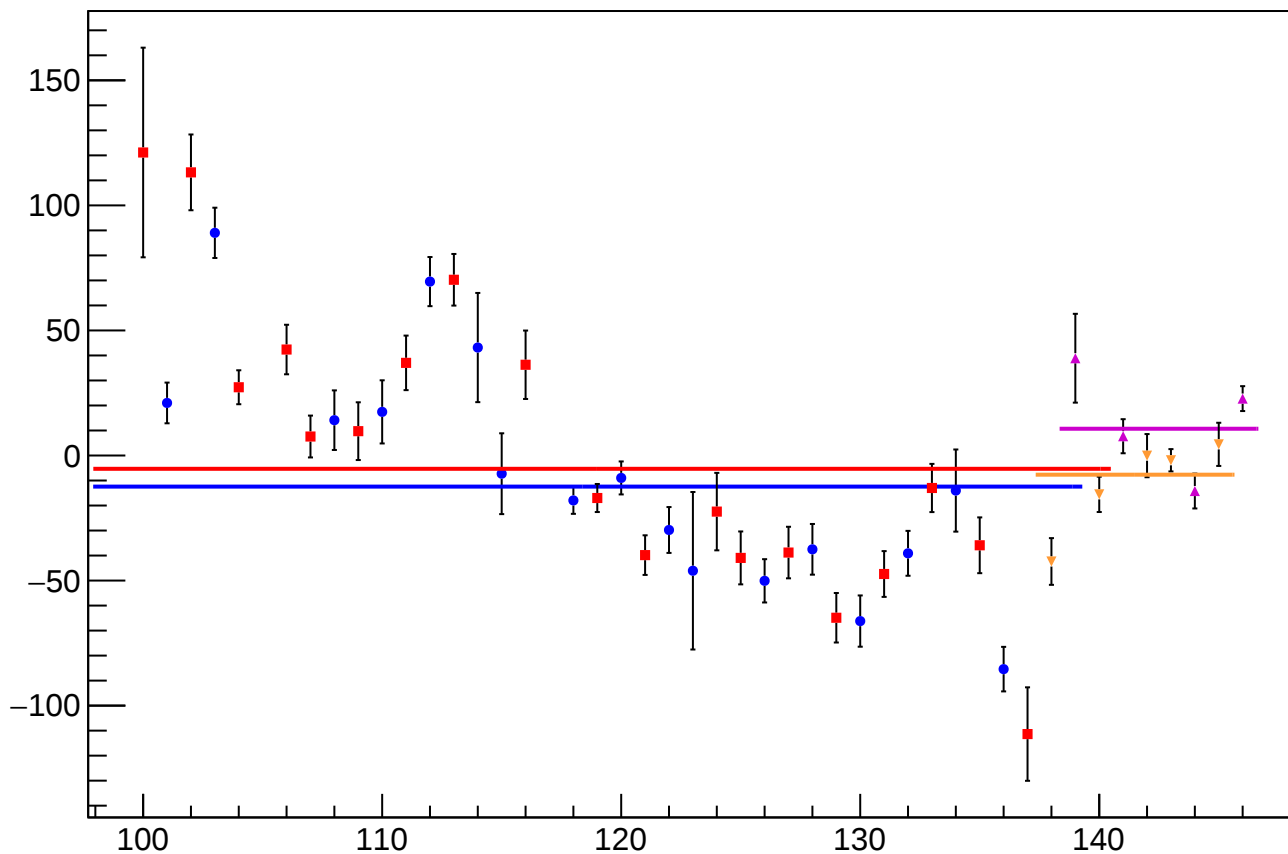
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -513.007+/-4.700 χ^2/NDF :27.7/3

Out: -389.721+/-3.991 χ^2/NDF :878.0/4

All: -441.374+/-3.042 χ^2/NDF : 1305.4/8

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 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: 10.700 ± 3.416 $\chi^2/\text{NDF}: 21.3/3$

Left: 0.430 ± 2.269 $\chi^2/\text{NDF}: 57.0/8$

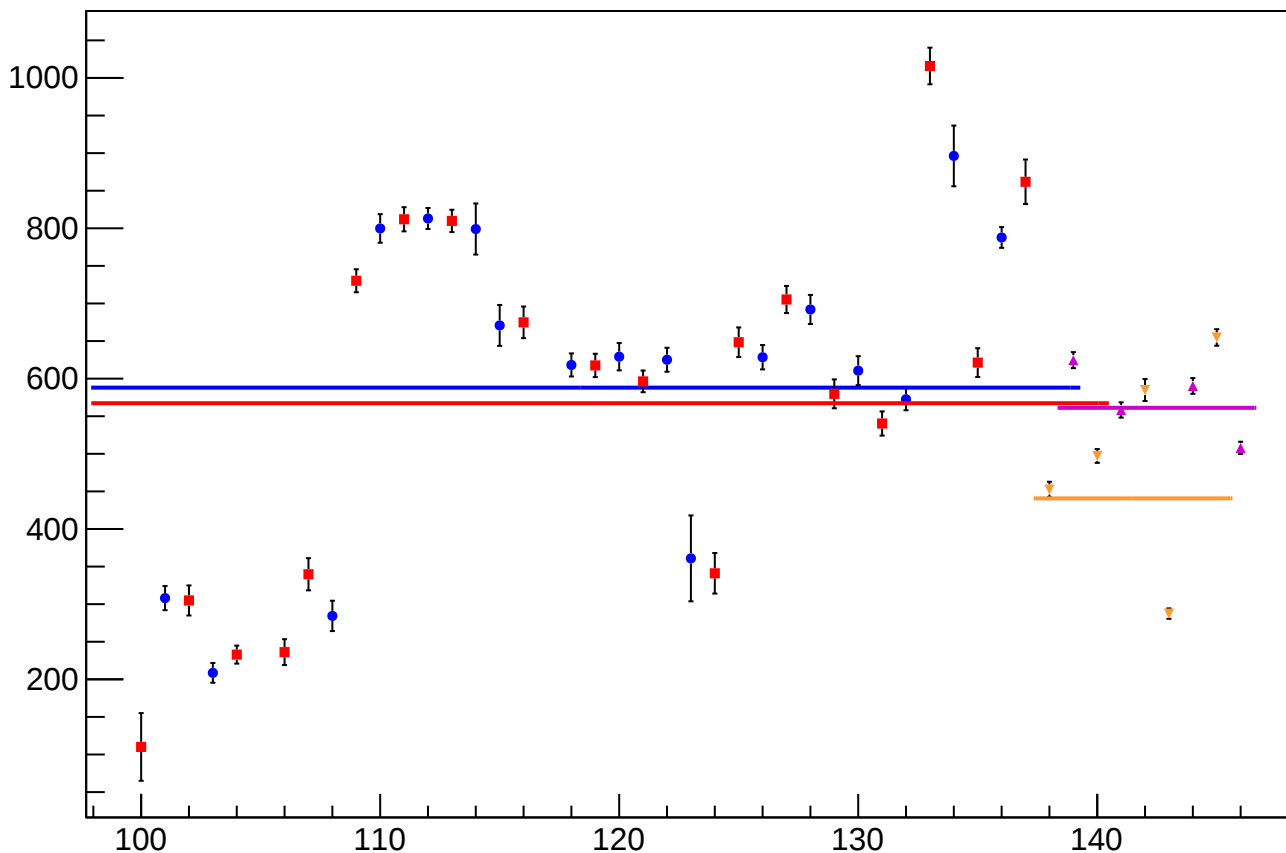
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: -5.152 ± 1.916 $\chi^2/\text{NDF}: 393.0/20$

Out: -6.156 ± 1.812 $\chi^2/\text{NDF}: 362.6/23$

All: -5.682 ± 1.317 $\chi^2/\text{NDF}: 755.8/44$

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: 561.194 $\pm$ 4.852 χ^2 /NDF:85.5/3

Left: 493.175 $\pm$ 3.202 χ^2 /NDF: 1439.3/8

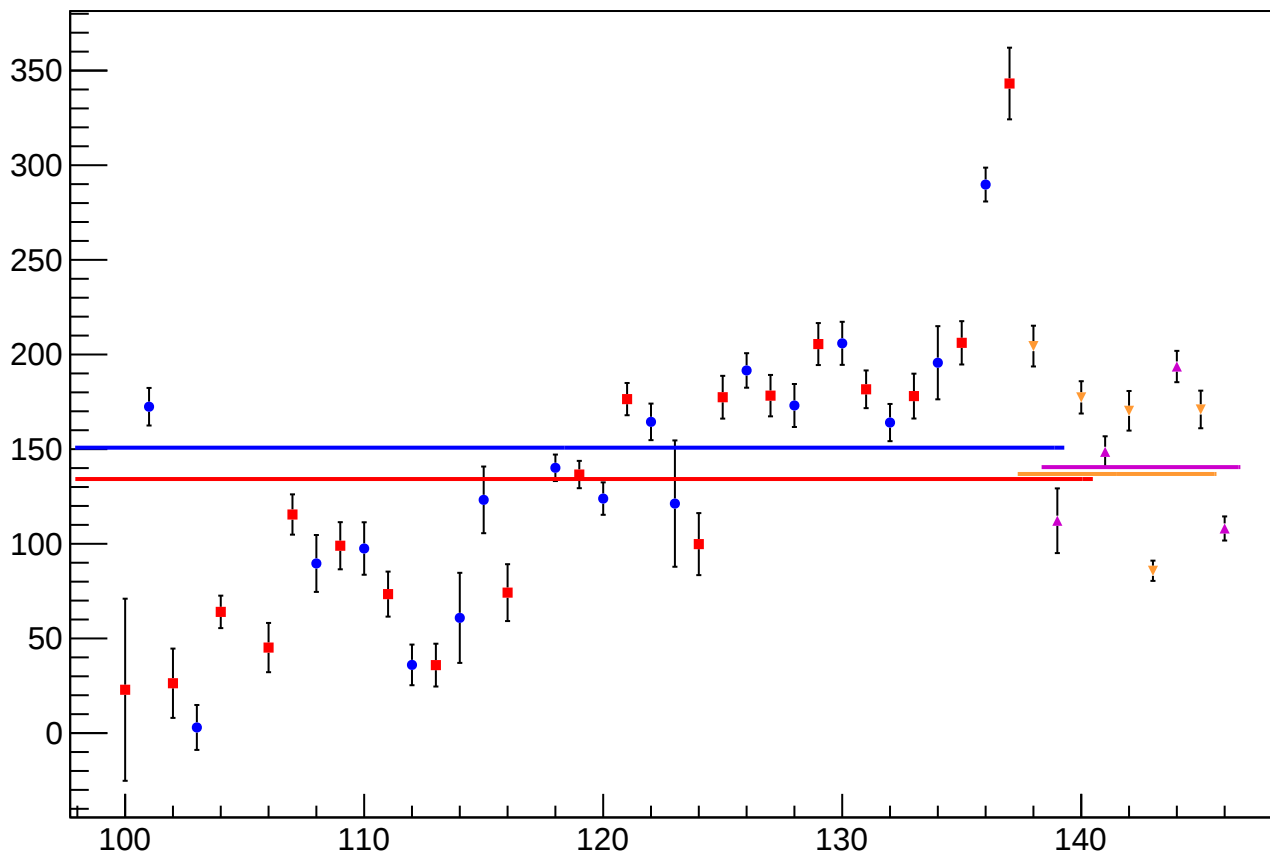
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 576.138 $\pm$ 3.230 χ^2 /NDF:2230.3/20

Out: 505.943 $\pm$ 2.967 χ^2 /NDF:4244.8/23

All: 538.062 $\pm$ 2.185 χ^2 /NDF: 6731.3/44

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 χ^2/NDF : 633.1/16

Left Out: 136.889 ± 3.613 χ^2/NDF : 175.3/4

Right Out: 134.219 ± 2.615 χ^2/NDF : 581.6/18

Left In: 140.515 ± 4.170 χ^2/NDF : 70.9/3

Left: 138.444 ± 2.731 χ^2/NDF : 246.5/8

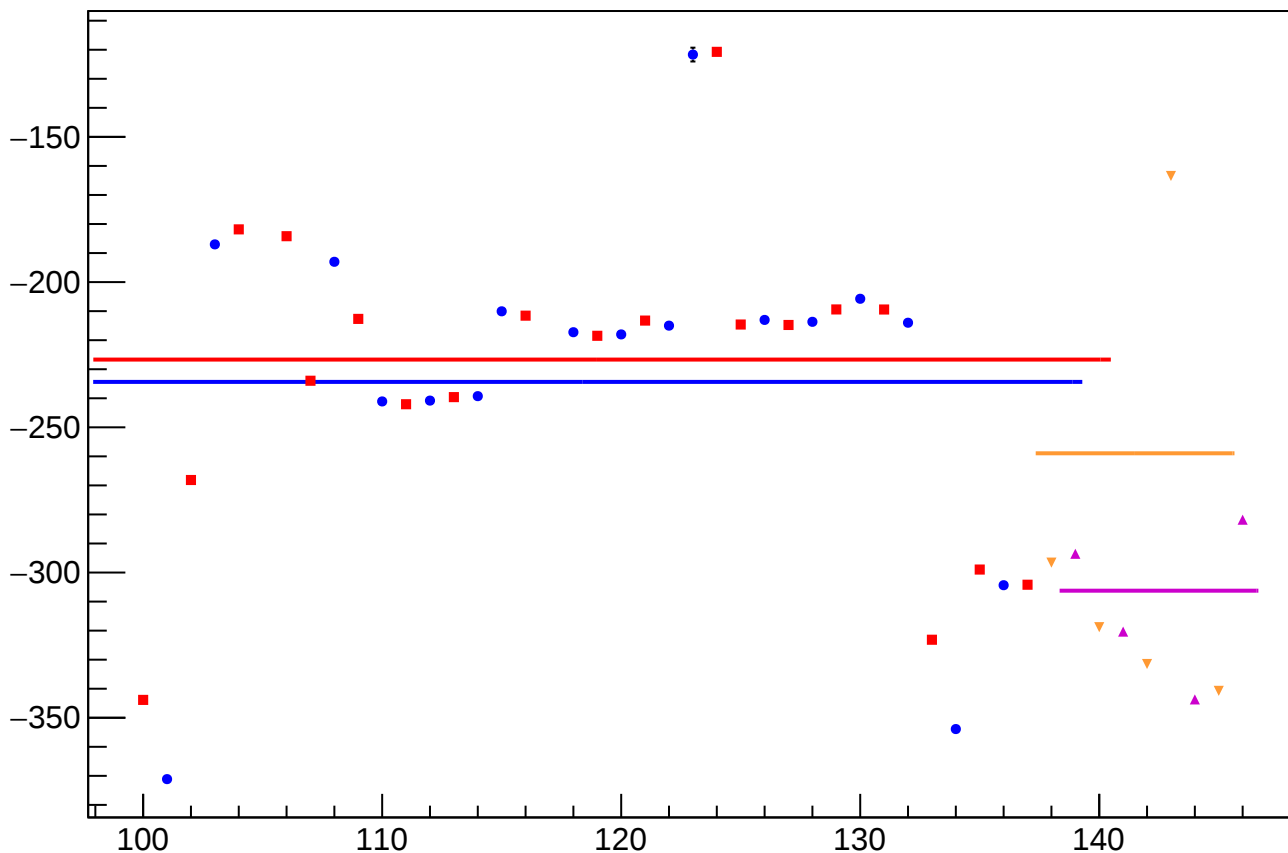
Right: 142.302 ± 1.872 χ^2/NDF : 1234.3/35

In: 147.784 ± 2.254 χ^2/NDF : 708.3/20

Out: 135.137 ± 2.119 χ^2/NDF : 757.2/23

All: 141.069 ± 1.544 χ^2/NDF : 1482.2/44

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -279.134 +/- 0.131 χ^2/NDF : 243853.5/8

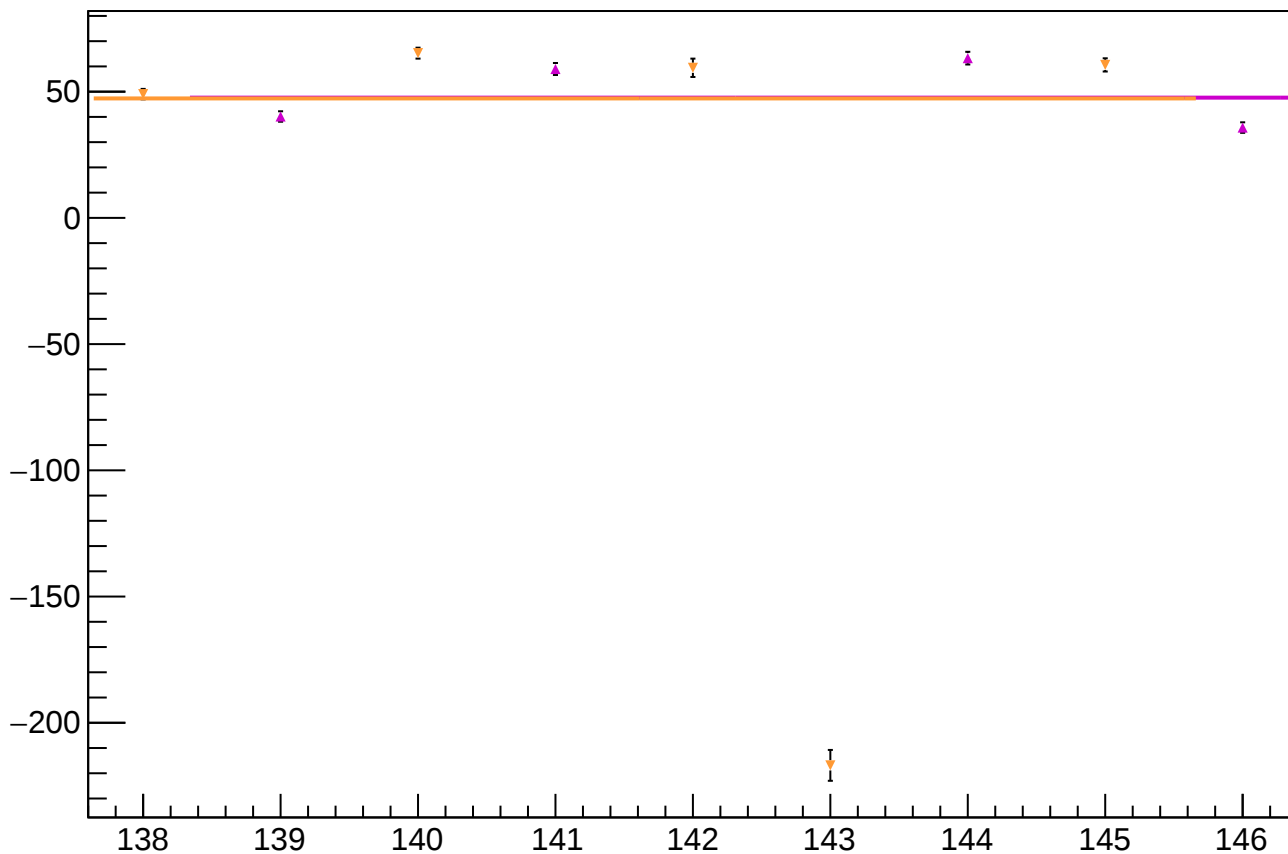
Right: -230.326 +/- 0.102 χ^2/NDF : 246056.0/35

In: -259.723 +/- 0.119 χ^2/NDF : 241039.5/20

Out: -239.534 +/- 0.110 χ^2/NDF : 319248.9/23

All: -248.757 +/- 0.081 χ^2/NDF : 575803.4/44

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 47.319+/-1.200 χ^2/NDF :1974.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.630+/-1.119 χ^2/NDF :106.9/3

Left: 47.486+/-0.818 χ^2/NDF : 2081.5/8

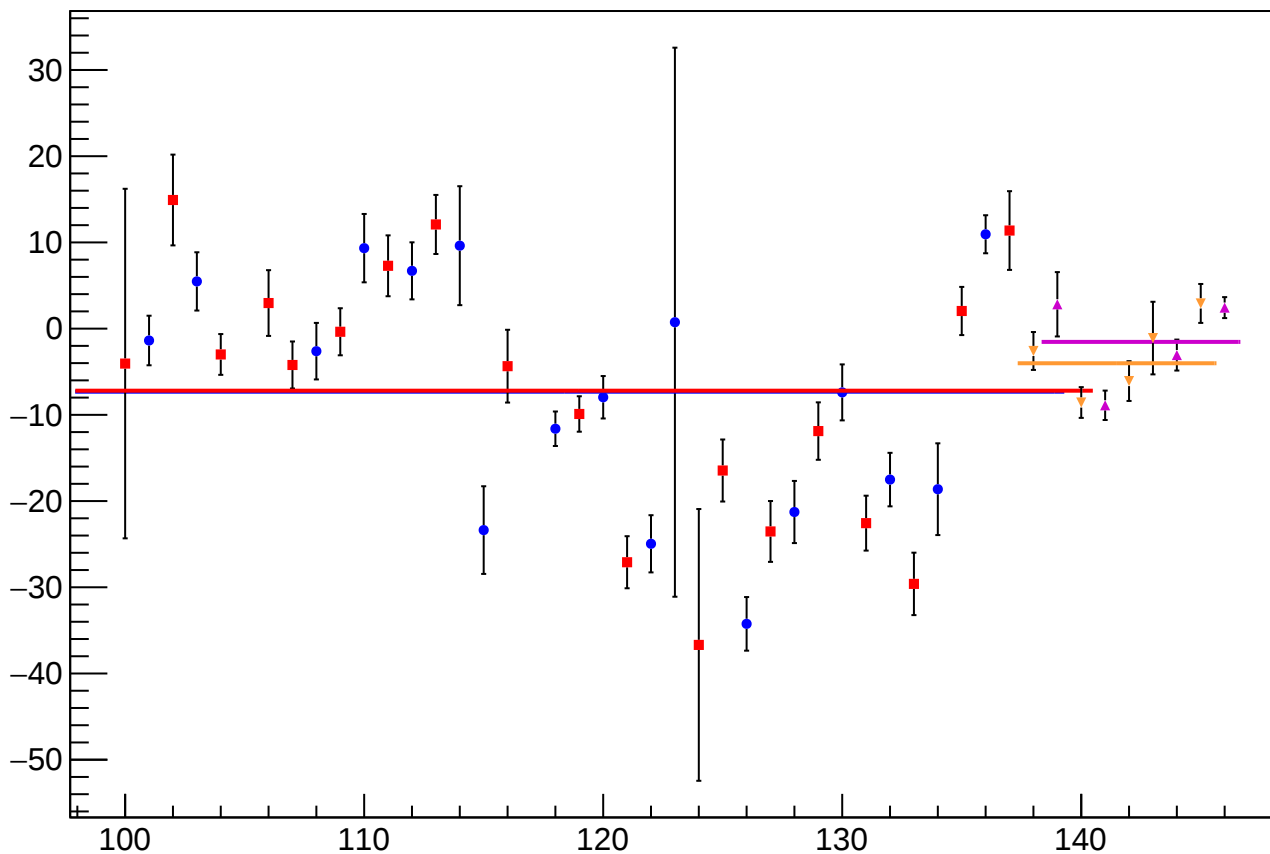
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.630+/-1.119 χ^2/NDF :106.9/3

Out: 47.319+/-1.200 χ^2/NDF :1974.5/4

All: 47.486+/-0.818 χ^2/NDF : 2081.5/8

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 $\pm$ 0.780 χ^2 /NDF: 279.1/16

Left Out: -4.016 $\pm$ 1.020 χ^2 /NDF:17.7/4

Right Out: -7.198 $\pm$ 0.761 χ^2 /NDF: 252.1/18

Left In: -1.538 $\pm$ 0.844 χ^2 /NDF:31.4/3

Left: -2.546 $\pm$ 0.650 χ^2 /NDF: 52.6/8

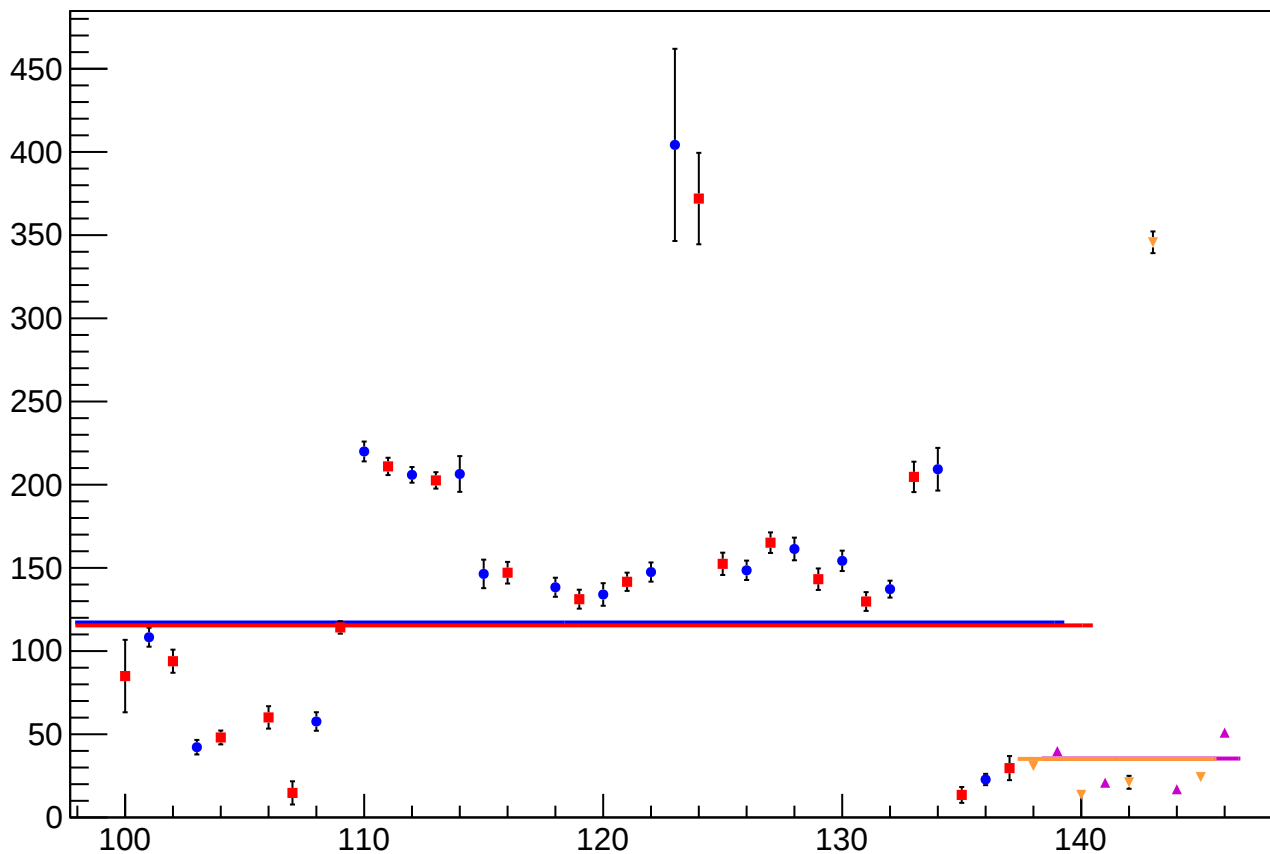
Right: -7.254 $\pm$ 0.545 χ^2 /NDF: 531.2/35

In: -4.654 $\pm$ 0.573 χ^2 /NDF:335.7/20

Out: -6.059 $\pm$ 0.610 χ^2 /NDF:276.0/23

All: -5.313 $\pm$ 0.418 χ^2 /NDF: 614.6/44

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 35.191 $\pm$ 1.280 χ^2 /NDF:2389.8/4

Right Out: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 35.406 $\pm$ 1.158 χ^2 /NDF:144.9/3

Left: 35.309 $\pm$ 0.859 χ^2 /NDF: 2534.8/8

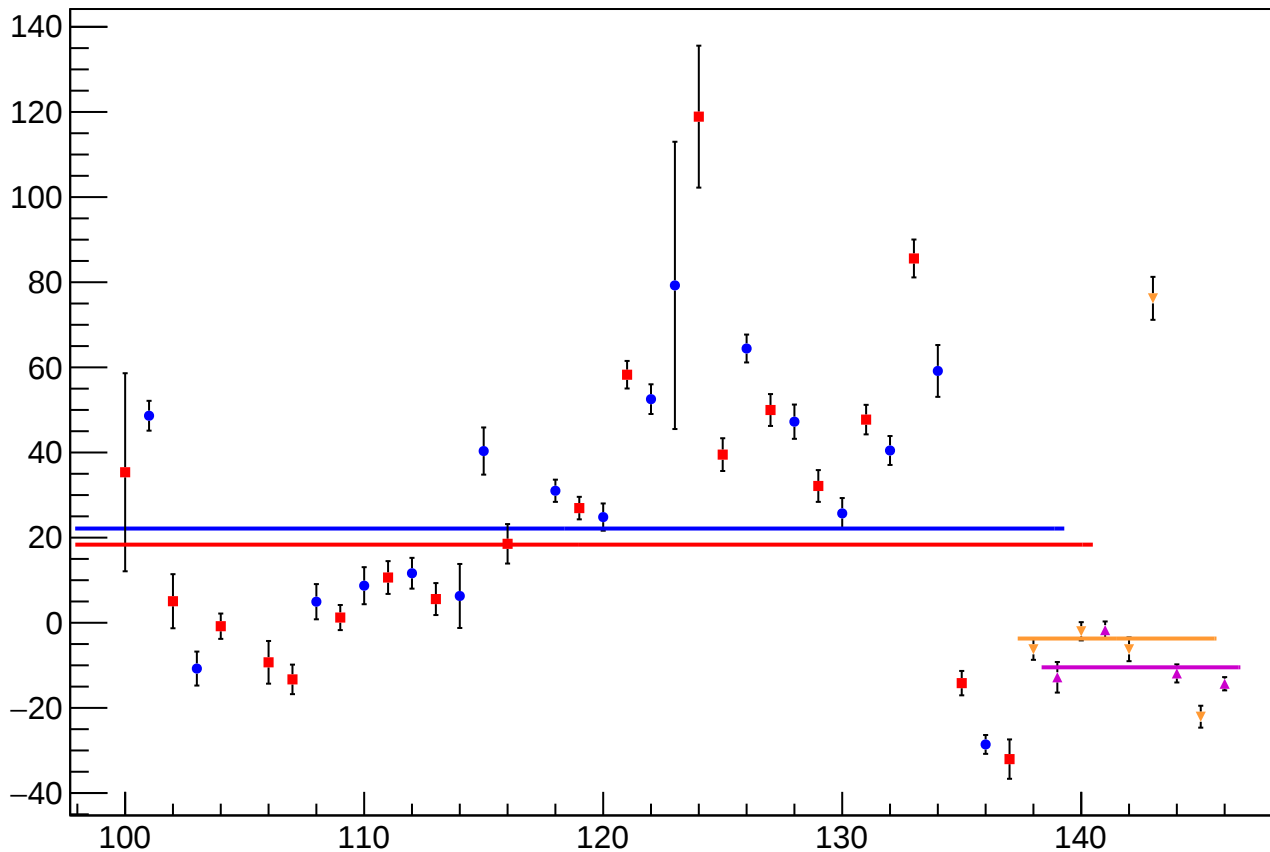
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 68.305 $\pm$ 0.895 χ^2 /NDF:4310.8/20

Out: 72.873 $\pm$ 0.932 χ^2 /NDF:6386.3/23

All: 70.496 $\pm$ 0.646 χ^2 /NDF: 10709.5/44

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: -3.704+/-1.196 χ^2/NDF :304.0/4

Right Out: 18.355+/-0.871 χ^2/NDF : 1070.9/18

Left In: -10.467+/-1.026 χ^2/NDF :25.2/3

Left: -7.599+/-0.779 χ^2/NDF : 347.7/8

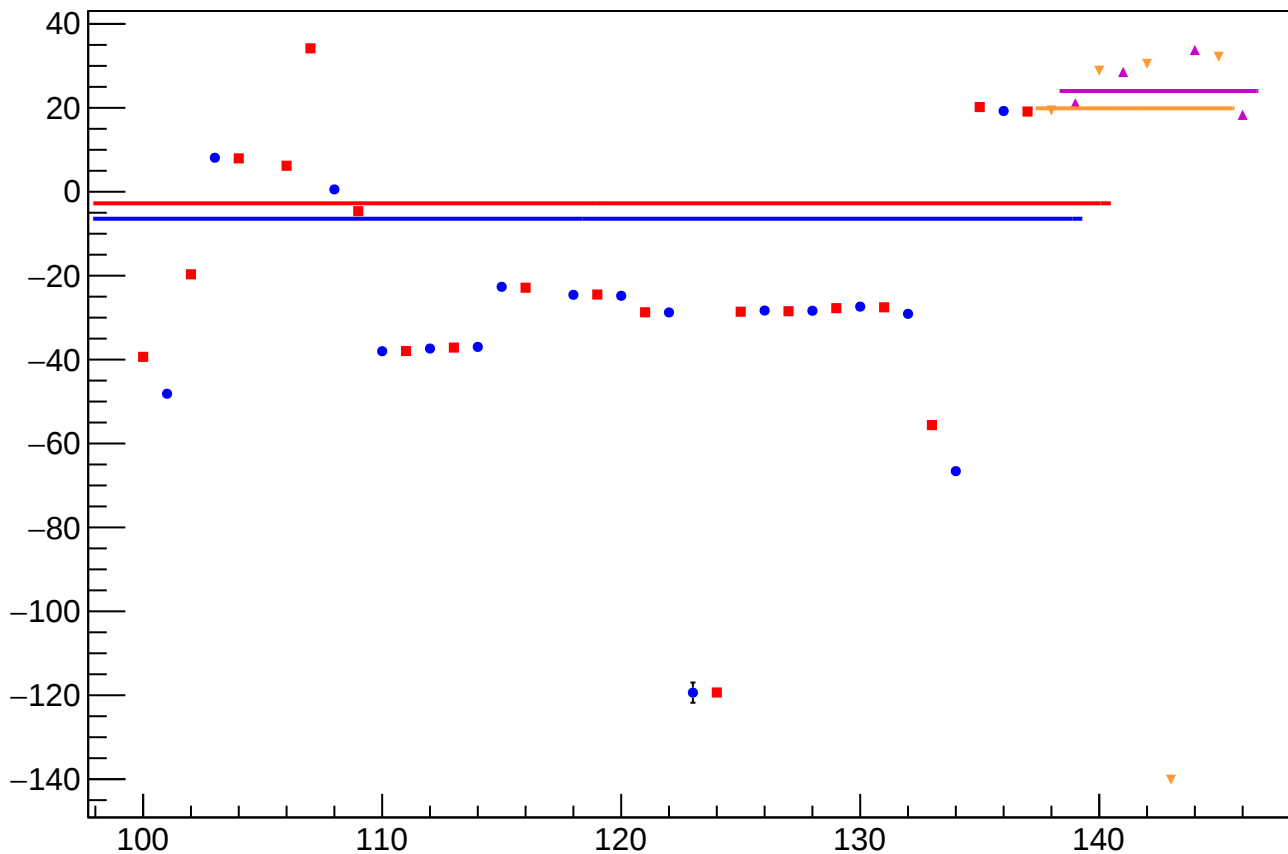
Right: 20.203+/-0.623 χ^2/NDF : 2144.2/35

In: 8.121+/-0.673 χ^2/NDF :1664.7/20

Out: 10.705+/-0.704 χ^2/NDF :1597.2/23

All: 9.354+/-0.487 χ^2/NDF : 3268.9/44

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2 /NDF: 265170.6/16

Left Out: 19.885 $\pm$ 0.052 χ^2 /NDF:397759.2/4

Right Out: -2.752 $\pm$ 0.046 χ^2 /NDF: 266290.0/18

Left In: 24.018 $\pm$ 0.047 χ^2 /NDF:14087.8/3

Left: 22.140 $\pm$ 0.035 χ^2 /NDF: 415320.0/8

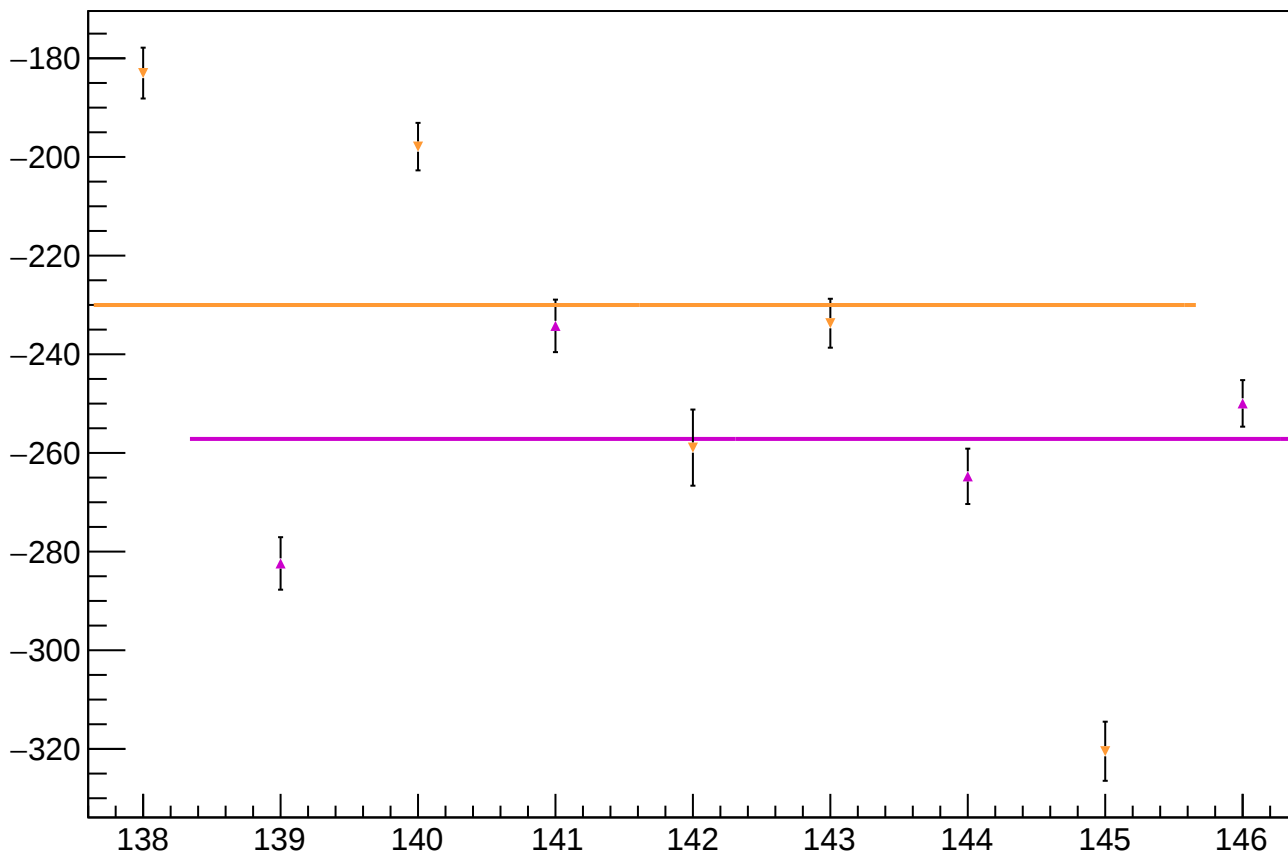
Right: -4.569 $\pm$ 0.032 χ^2 /NDF: 534660.8/35

In: 8.451 $\pm$ 0.033 χ^2 /NDF:491376.2/20

Out: 7.149 $\pm$ 0.034 χ^2 /NDF:771467.5/23

All: 7.824 $\pm$ 0.024 χ^2 /NDF: 1263591.7/44

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -230.014+/-2.453 χ^2/NDF :370.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -257.160+/-2.606 χ^2/NDF :45.2/3

Left: -242.771+/-1.786 χ^2/NDF : 473.0/8

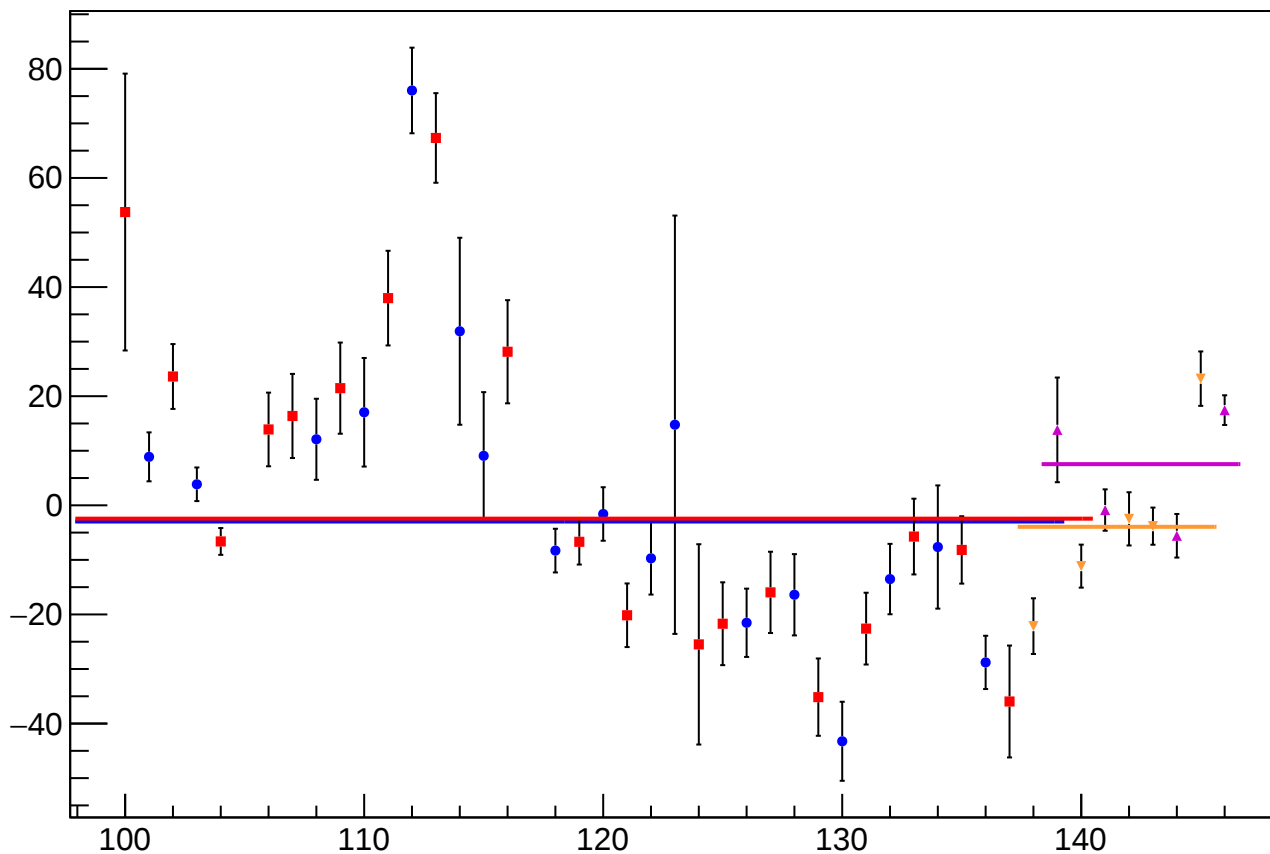
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -257.160+/-2.606 χ^2/NDF :45.2/3

Out: -230.014+/-2.453 χ^2/NDF :370.3/4

All: -242.771+/-1.786 χ^2/NDF : 473.0/8

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: -3.938 ± 1.920 χ^2/NDF : 45.8/4

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 7.546 ± 1.896 χ^2/NDF : 29.4/3

Left: 1.877 ± 1.349 χ^2/NDF : 93.3/8

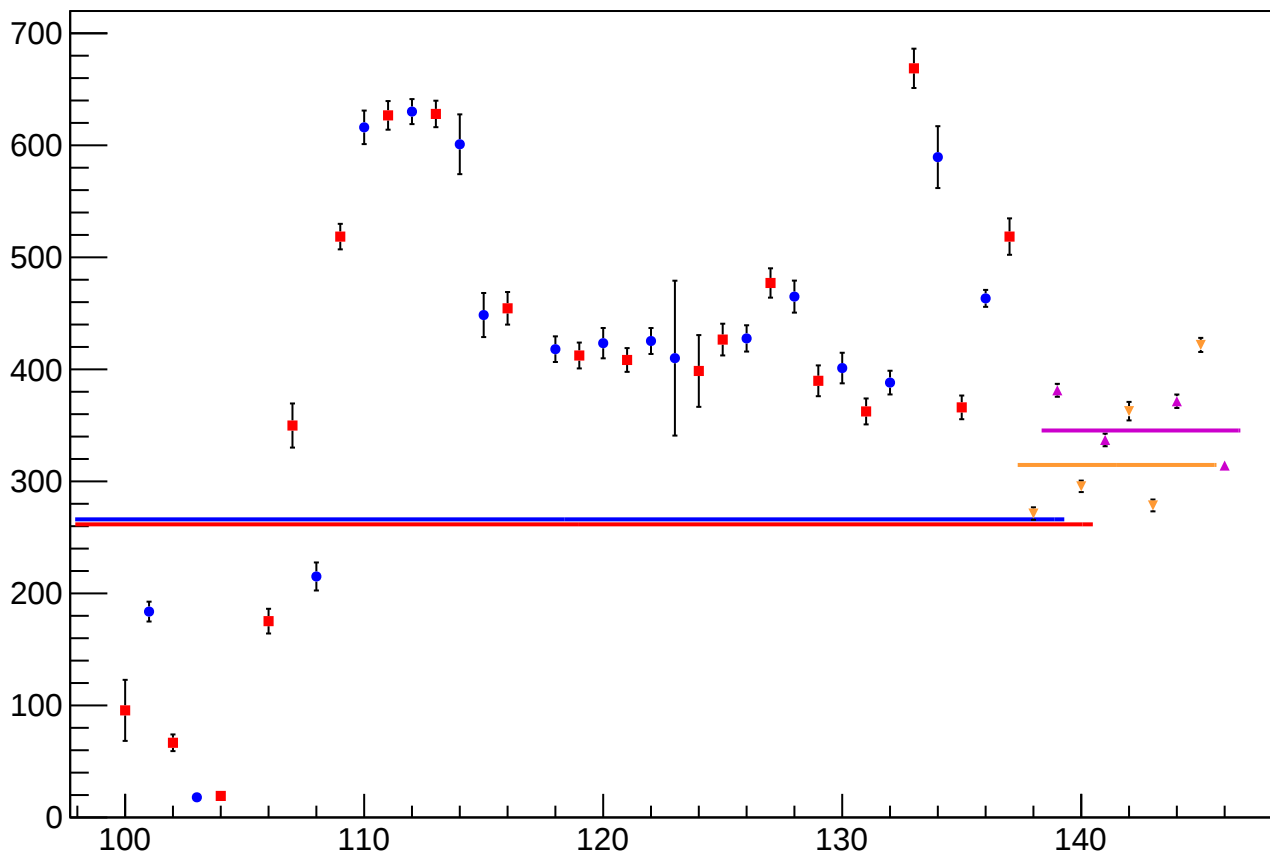
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 0.924 ± 1.153 χ^2/NDF : 252.3/20

Out: -2.962 ± 1.129 χ^2/NDF : 261.6/23

All: -1.059 ± 0.807 χ^2/NDF : 519.7/44

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 314.666 $\pm$ 2.619 χ^2 /NDF:444.6/4

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 345.432 $\pm$ 2.688 χ^2 /NDF:108.2/3

Left: 329.650 $\pm$ 1.876 χ^2 /NDF: 619.9/8

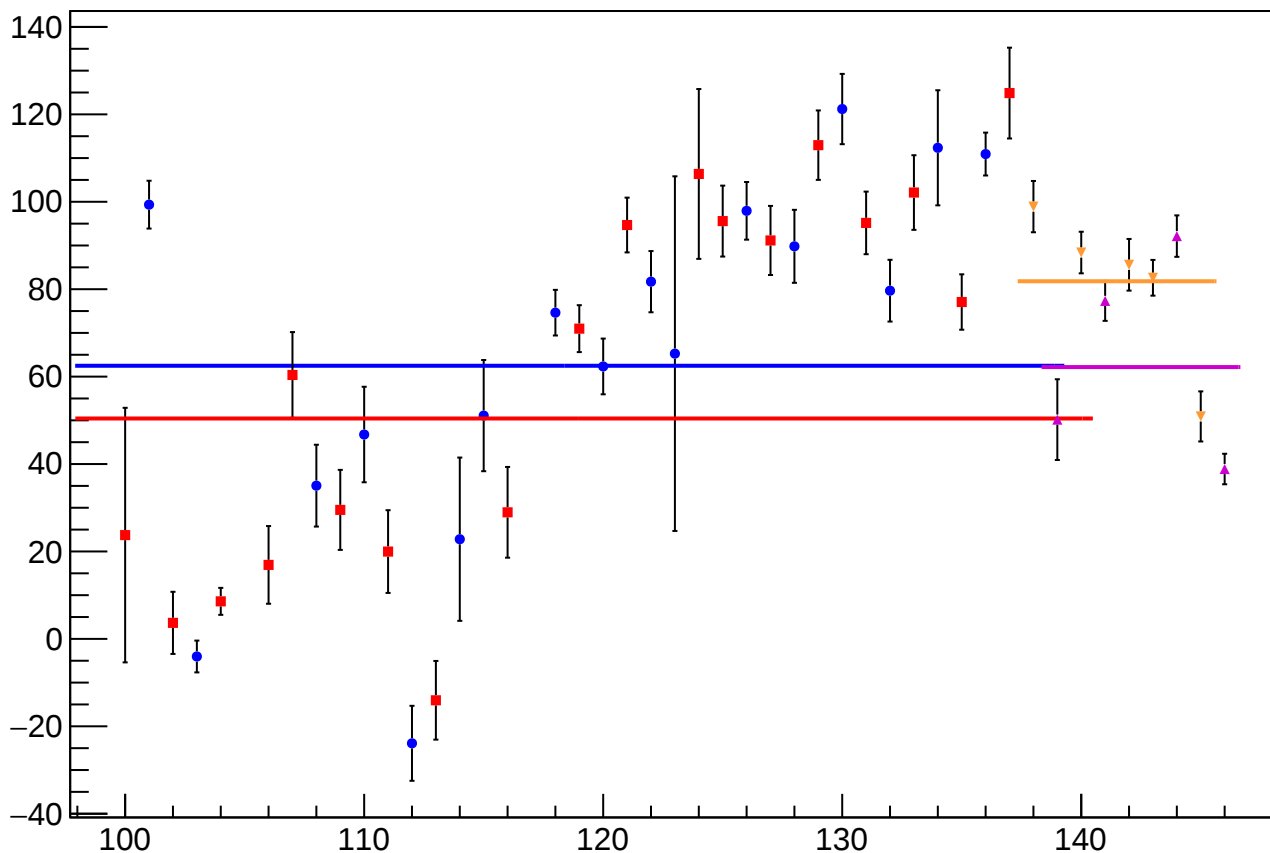
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 302.586 $\pm$ 1.823 χ^2 /NDF:8222.5/20

Out: 286.457 $\pm$ 1.792 χ^2 /NDF:8872.1/23

All: 294.383 $\pm$ 1.278 χ^2 /NDF: 17134.4/44

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: 62.186 $\pm$ 2.316 χ^2 /NDF:97.3/3

Left: 72.154 $\pm$ 1.625 χ^2 /NDF: 173.8/8

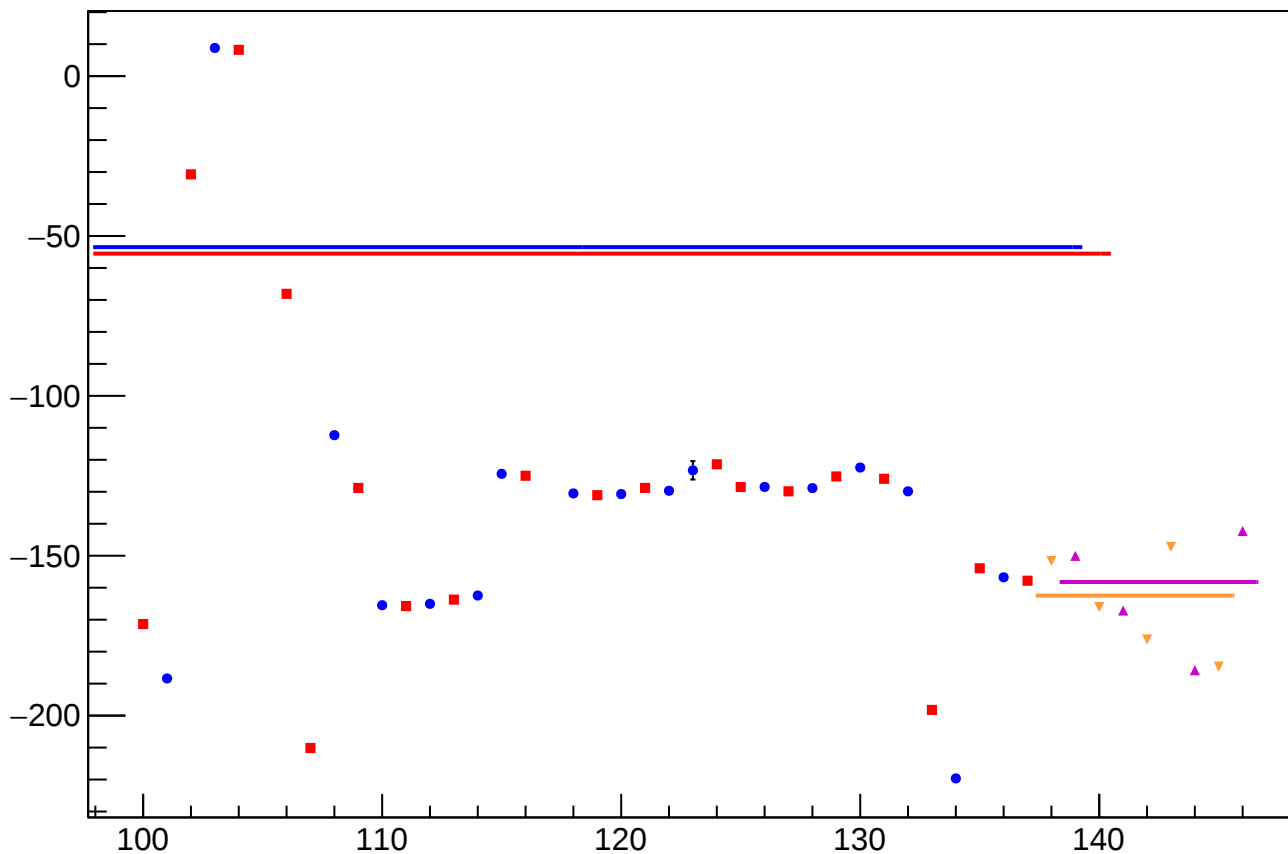
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 62.382 $\pm$ 1.360 χ^2 /NDF:818.1/20

Out: 61.136 $\pm$ 1.332 χ^2 /NDF:816.2/23

All: 61.746 $\pm$ 0.952 χ^2 /NDF: 1634.8/44

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -162.462 ± 0.107 $\chi^2/\text{NDF}: 17444.5/4$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -158.218 ± 0.111 $\chi^2/\text{NDF}: 20100.3/3$

Left: -160.423 ± 0.077 $\chi^2/\text{NDF}: 38302.5/8$

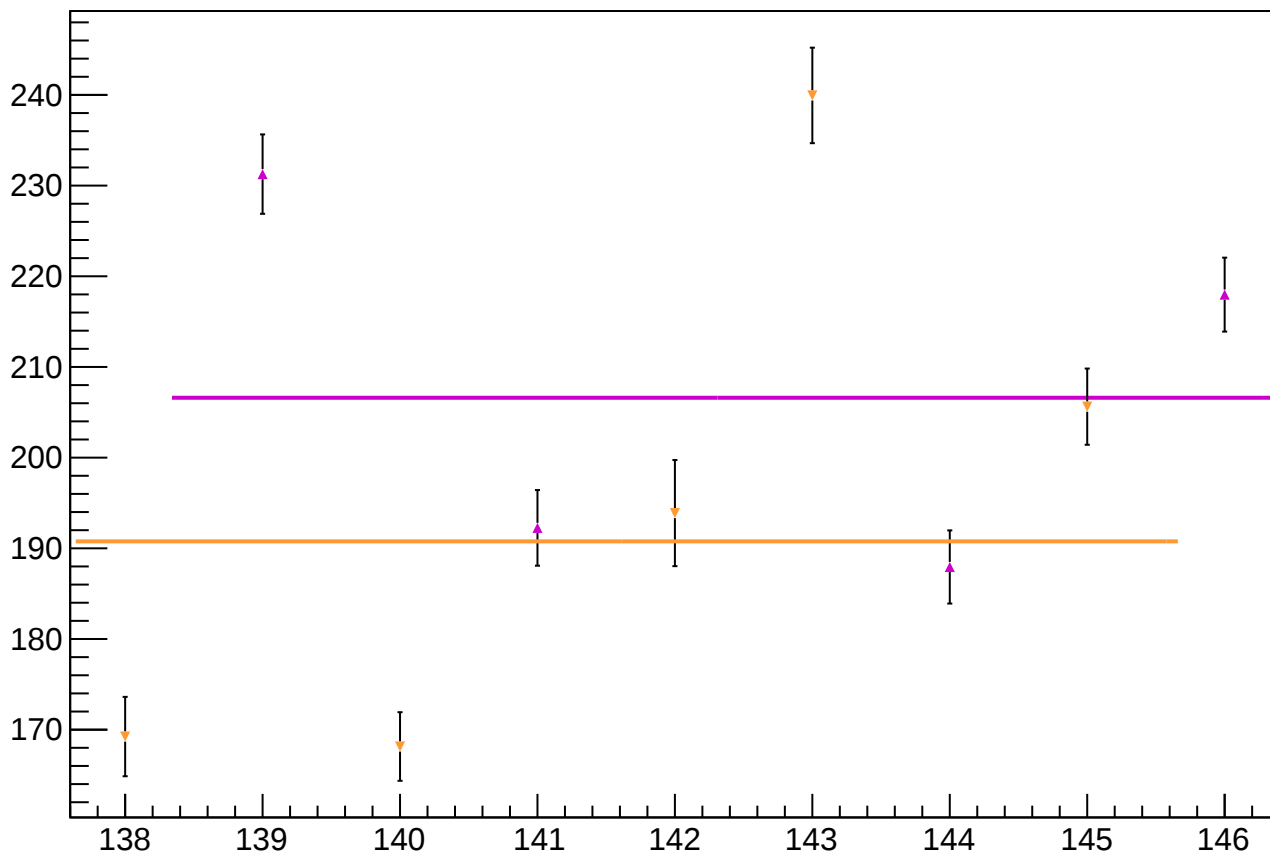
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -83.427 ± 0.059 $\chi^2/\text{NDF}: 1883316.3/20$

Out: -88.835 ± 0.060 $\chi^2/\text{NDF}: 1676501.5/23$

All: -86.120 ± 0.042 $\chi^2/\text{NDF}: 3563942.8/44$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 190.766 $\pm$ 2.024 χ^2 /NDF:159.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 206.604 $\pm$ 2.080 χ^2 /NDF:72.7/3

Left: 198.472 $\pm$ 1.451 χ^2 /NDF: 262.5/8

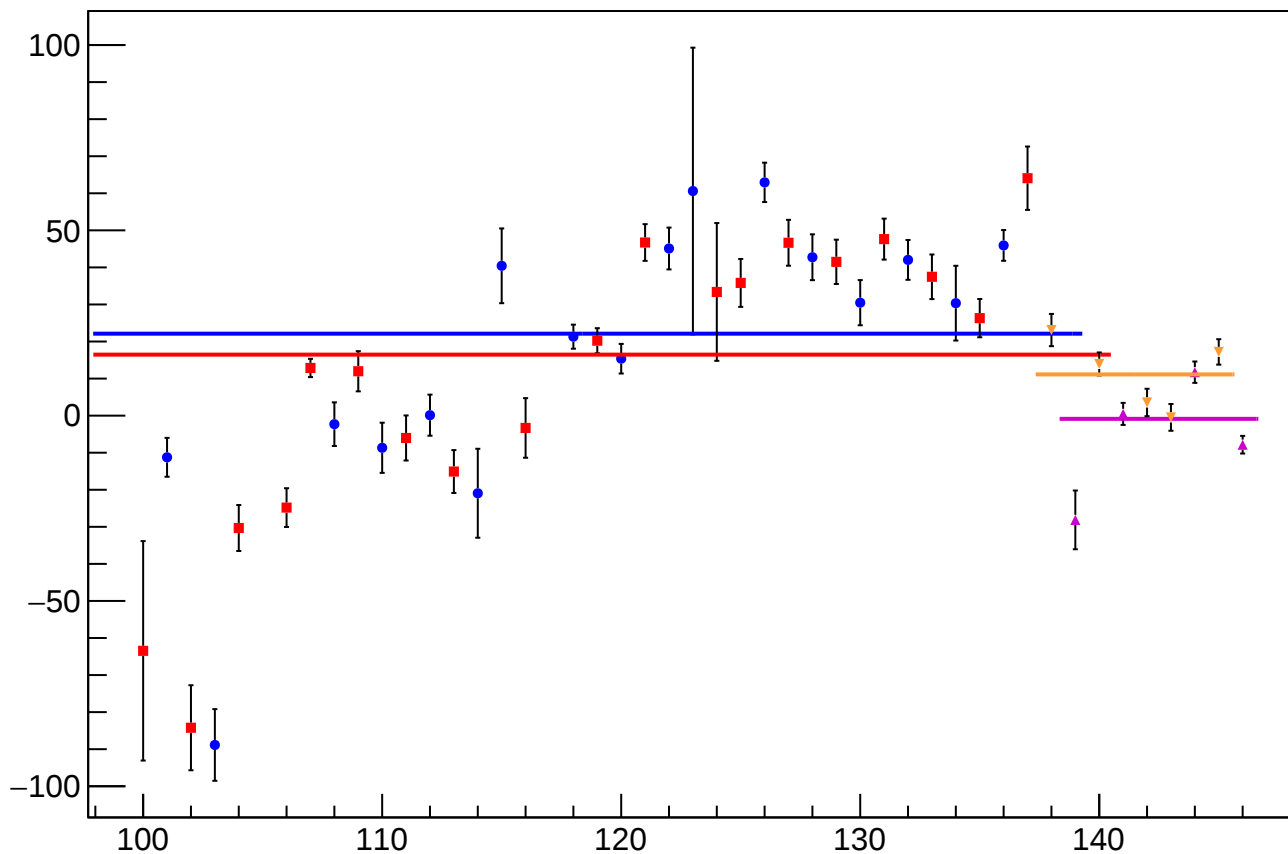
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 206.604 $\pm$ 2.080 χ^2 /NDF:72.7/3

Out: 190.766 $\pm$ 2.024 χ^2 /NDF:159.9/4

All: 198.472 $\pm$ 1.451 χ^2 /NDF: 262.5/8

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 11.128 $\pm$ 1.598 χ^2 /NDF: 26.0/4

Right Out: 16.464 $\pm$ 1.228 χ^2 /NDF: 424.1/18

Left In: -0.863 $\pm$ 1.532 χ^2 /NDF: 39.7/3

Left: 4.882 $\pm$ 1.106 χ^2 /NDF: 95.1/8

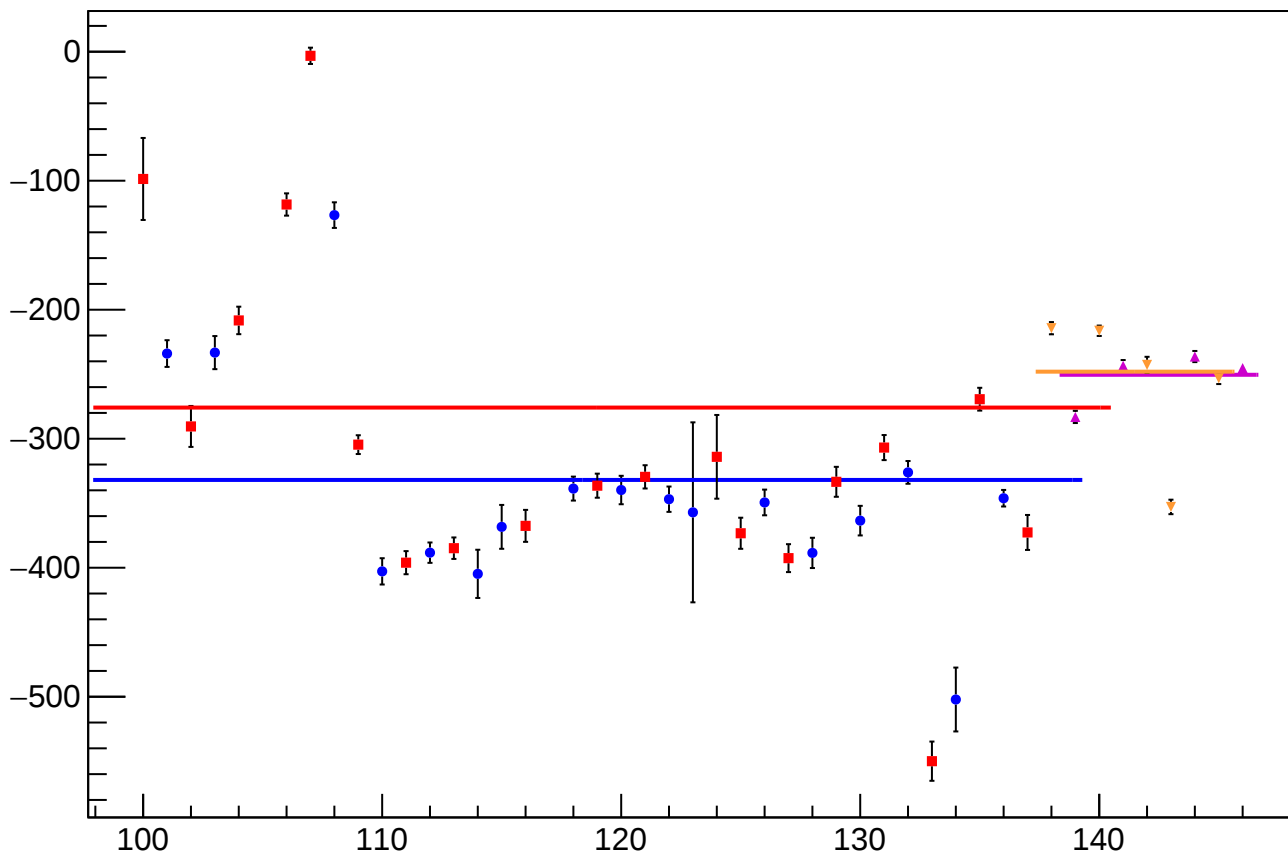
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 11.855 $\pm$ 1.024 χ^2 /NDF: 546.2/20

Out: 14.482 $\pm$ 0.974 χ^2 /NDF: 457.2/23

All: 13.235 $\pm$ 0.706 χ^2 /NDF: 1006.8/44

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952+/-2.567 χ^2/NDF : 785.6/16

Left Out: -248.015+/-2.163 χ^2/NDF : 463.1/4

Right Out: -275.853+/-2.323 χ^2/NDF : 3361.7/18

Left In: -250.441+/-2.157 χ^2/NDF : 62.6/3

Left: -249.232+/-1.527 χ^2/NDF : 526.2/8

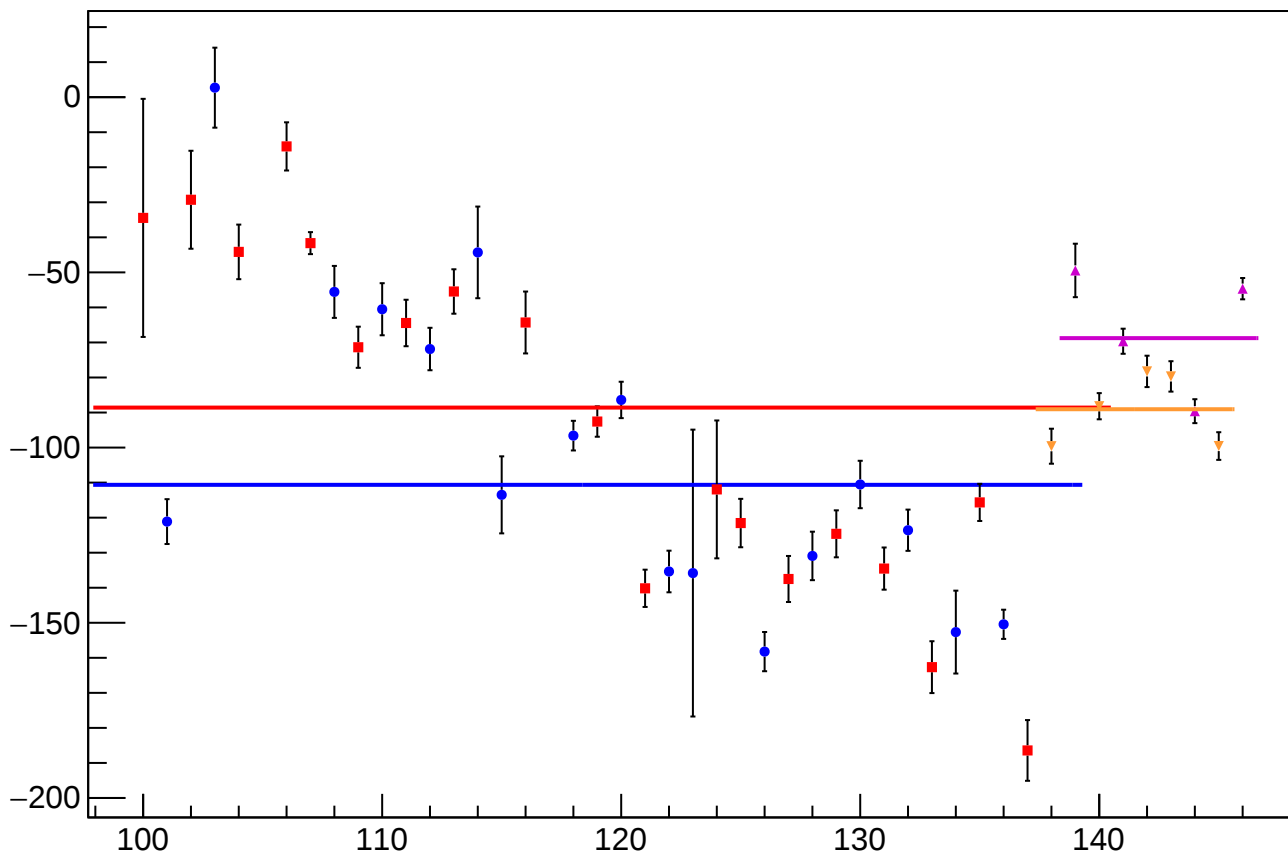
Right: -301.110+/-1.723 χ^2/NDF : 4409.7/35

In: -284.174+/-1.652 χ^2/NDF : 1439.0/20

Out: -260.942+/-1.583 χ^2/NDF : 3901.6/23

All: -272.067+/-1.143 χ^2/NDF : 5443.7/44

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2 /NDF: 508.9/16

Left Out: -89.056+/-1.894 χ^2 /NDF:22.1/4

Right Out: -88.586+/-1.433 χ^2 /NDF: 966.5/18

Left In: -68.765+/-1.860 χ^2 /NDF:65.3/3

Left: -78.729+/-1.327 χ^2 /NDF: 145.8/8

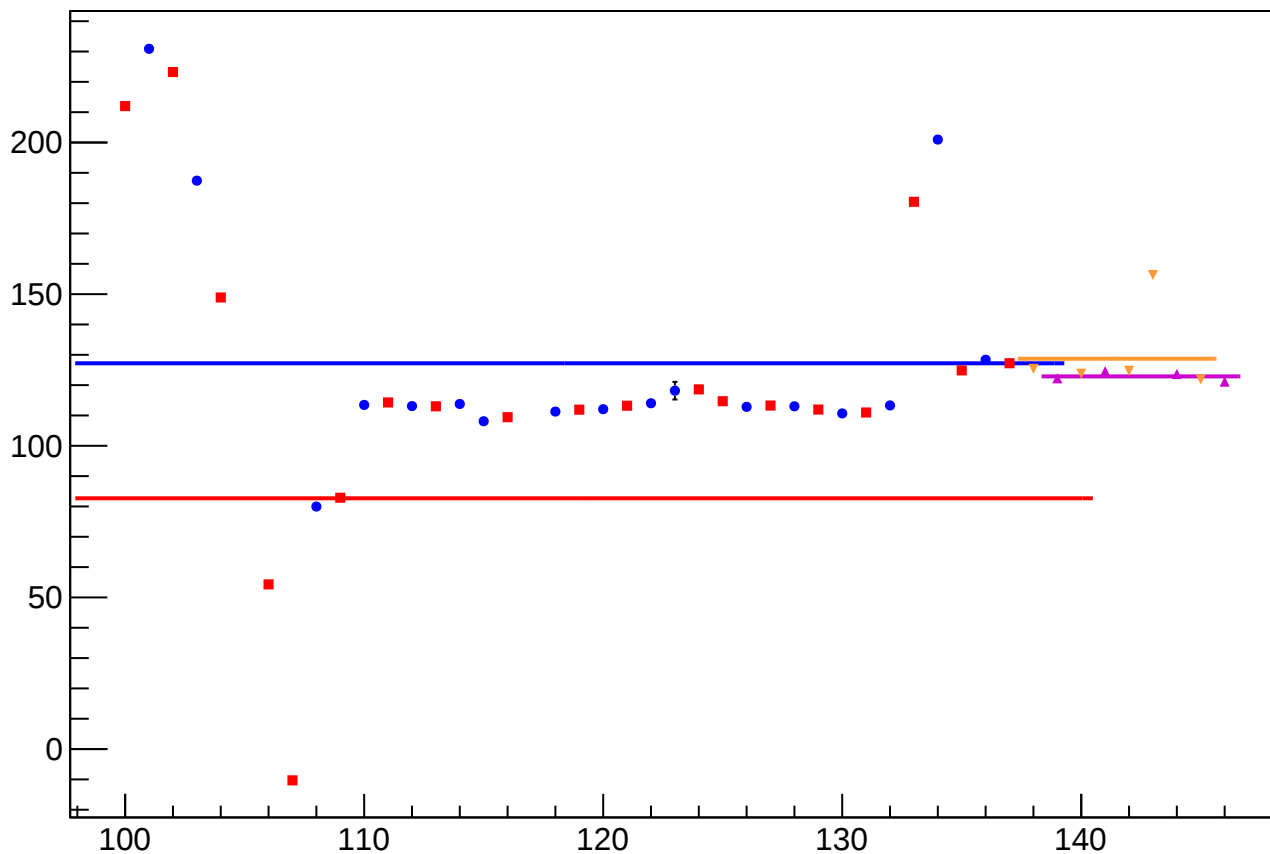
Right: -98.530+/-1.062 χ^2 /NDF: 1582.1/35

In: -93.073+/-1.205 χ^2 /NDF:868.2/20

Out: -88.757+/-1.143 χ^2 /NDF:988.6/23

All: -90.801+/-0.829 χ^2 /NDF: 1863.6/44

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 128.708 $\pm$ 0.088 χ^2 /NDF:17726.6/4

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 122.883 $\pm$ 0.089 χ^2 /NDF:215.8/3

Left: 125.828 $\pm$ 0.063 χ^2 /NDF: 20097.6/8

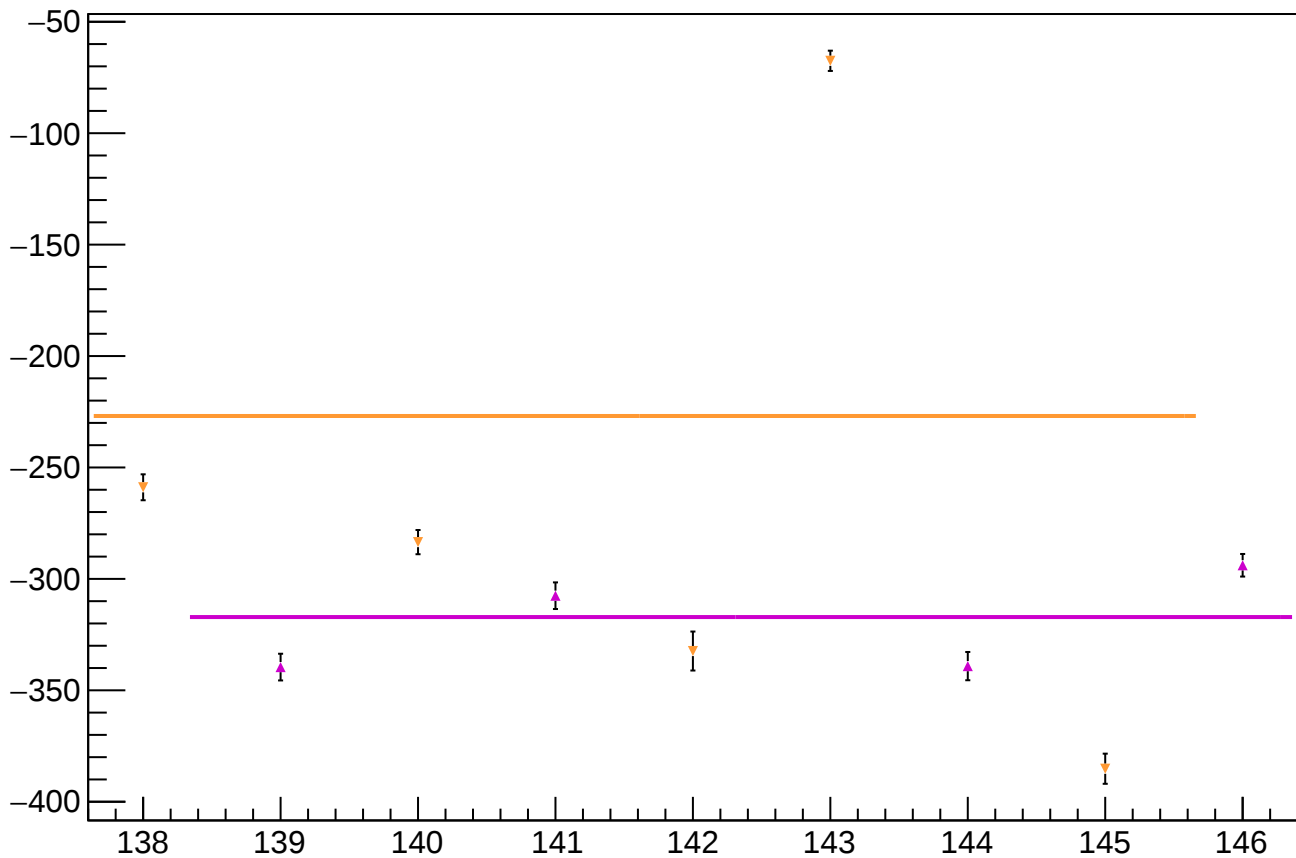
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 125.046 $\pm$ 0.063 χ^2 /NDF:189416.3/20

Out: 102.082 $\pm$ 0.057 χ^2 /NDF:940892.1/23

All: 112.462 $\pm$ 0.042 χ^2 /NDF: 1202993.8/44

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -226.898+/-2.612 χ^2/NDF :2059.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -317.124+/-2.891 χ^2/NDF :49.7/3

Left: -267.439+/-1.938 χ^2/NDF : 2645.1/8

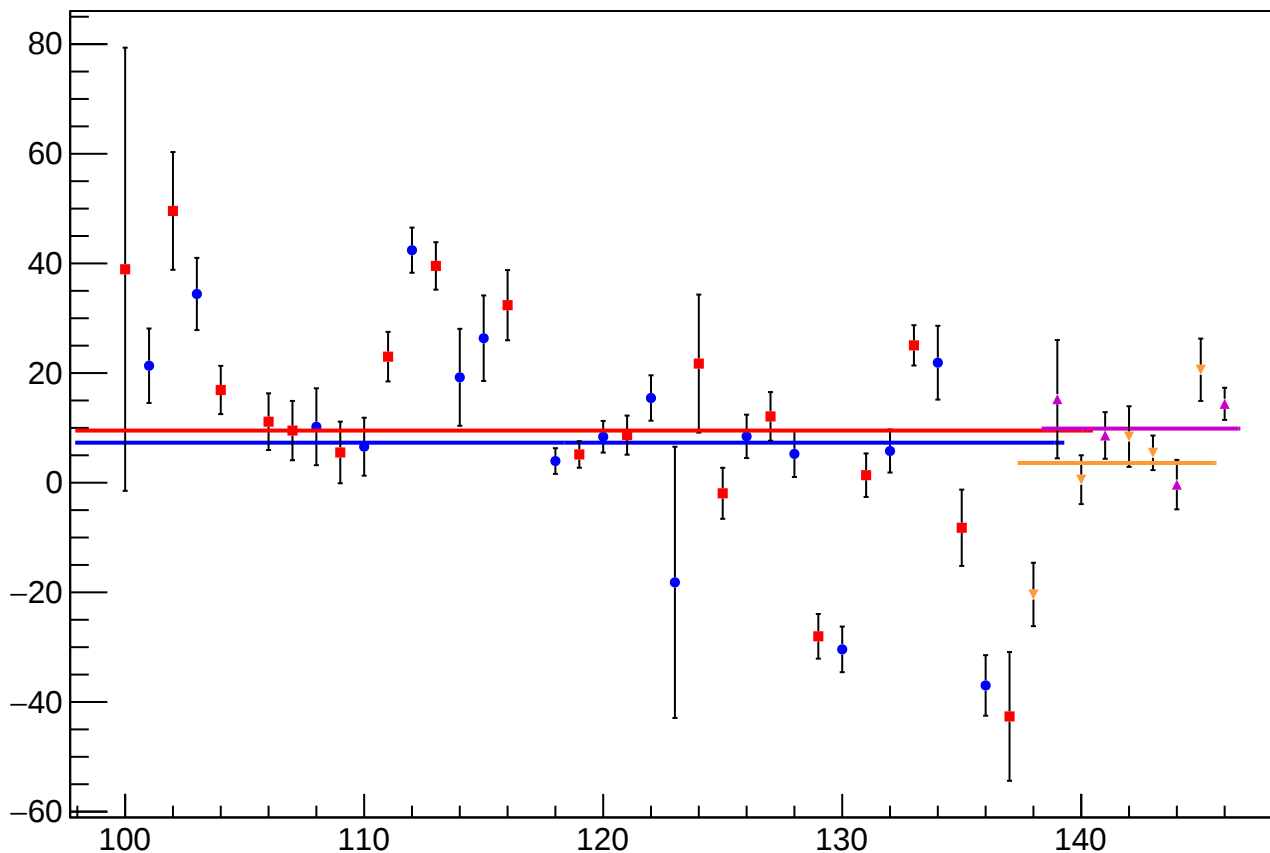
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -317.124+/-2.891 χ^2/NDF :49.7/3

Out: -226.898+/-2.612 χ^2/NDF :2059.1/4

All: -267.439+/-1.938 χ^2/NDF : 2645.1/8

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 3.596 $\pm$ 2.022 χ^2 /NDF:27.7/4

Right Out: 9.513 $\pm$ 1.073 χ^2 /NDF: 231.7/18

Left In: 9.870 $\pm$ 2.090 χ^2 /NDF:7.8/3

Left: 6.629 $\pm$ 1.453 χ^2 /NDF: 40.2/8

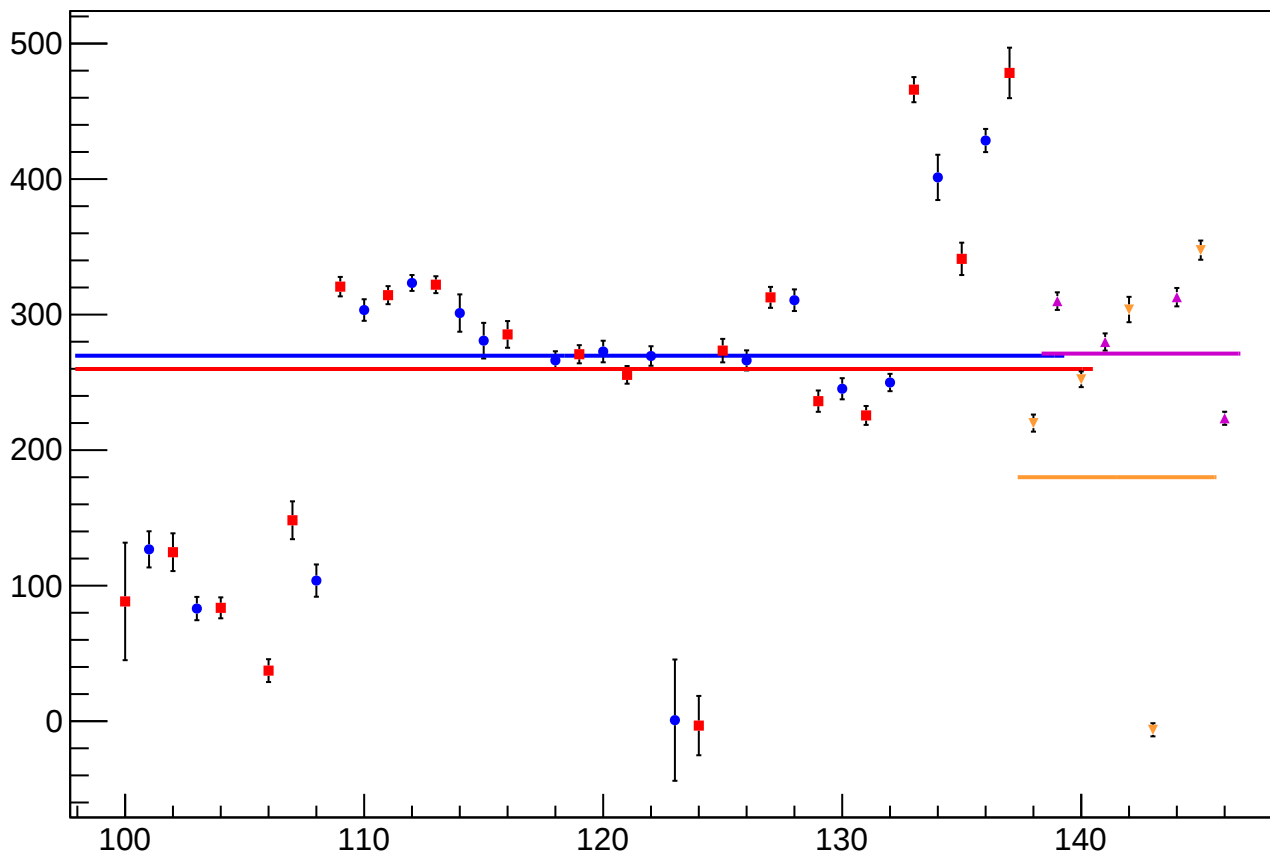
Right: 8.421 $\pm$ 0.763 χ^2 /NDF: 494.4/35

In: 7.848 $\pm$ 0.963 χ^2 /NDF:269.7/20

Out: 8.213 $\pm$ 0.948 χ^2 /NDF:266.1/23

All: 8.034 $\pm$ 0.676 χ^2 /NDF: 535.8/44

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: 271.228 $\pm$ 2.976 χ^2 /NDF:172.2/3

Left: 222.629 $\pm$ 2.034 χ^2 /NDF: 3077.8/8

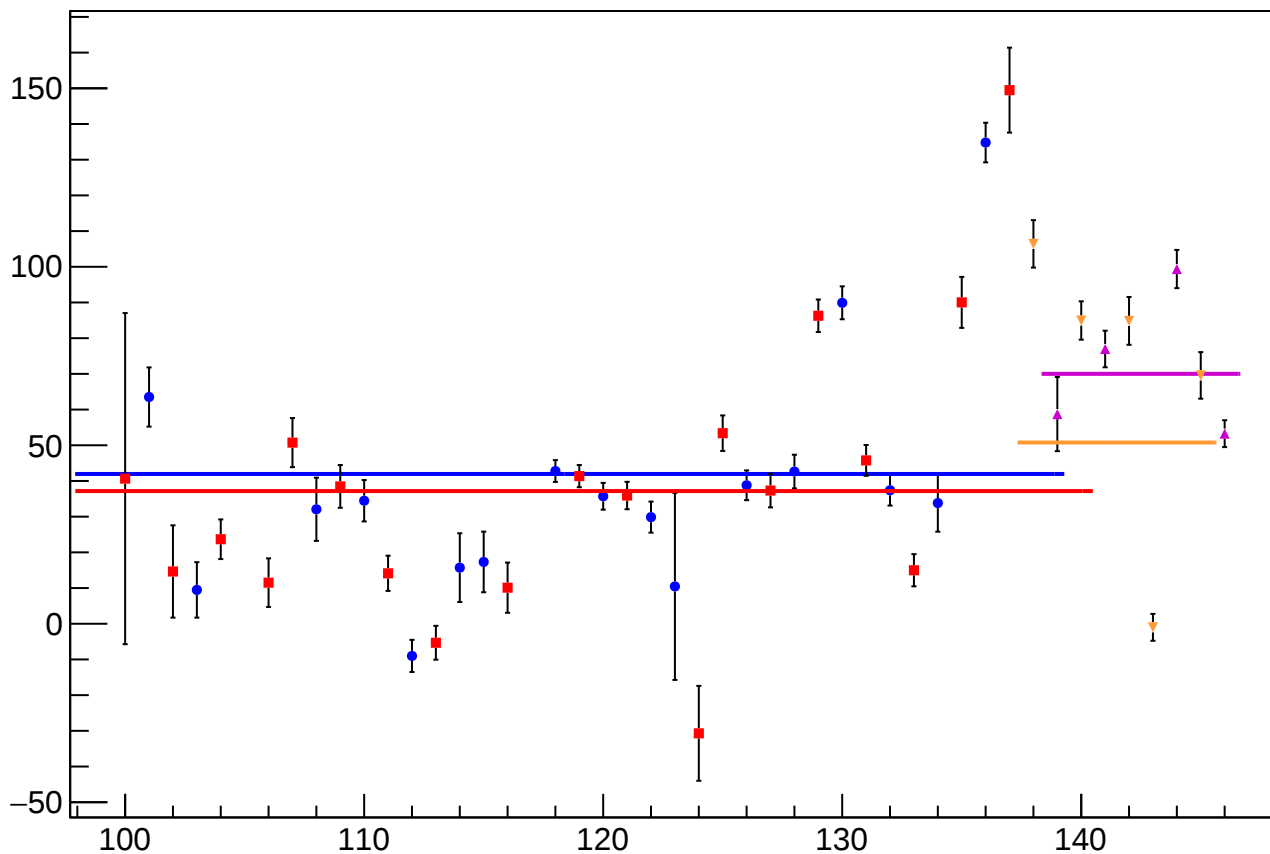
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 270.176 $\pm$ 1.703 χ^2 /NDF:1549.0/20

Out: 233.139 $\pm$ 1.612 χ^2 /NDF:5495.0/23

All: 250.647 $\pm$ 1.171 χ^2 /NDF: 7293.5/44

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 50.775 ± 2.401 $\chi^2/\text{NDF}: 333.5/4$

Right Out: 37.174 ± 1.236 $\chi^2/\text{NDF}: 470.9/18$

Left In: 70.010 ± 2.558 $\chi^2/\text{NDF}: 52.9/3$

Left: 59.784 ± 1.751 $\chi^2/\text{NDF}: 416.5/8$

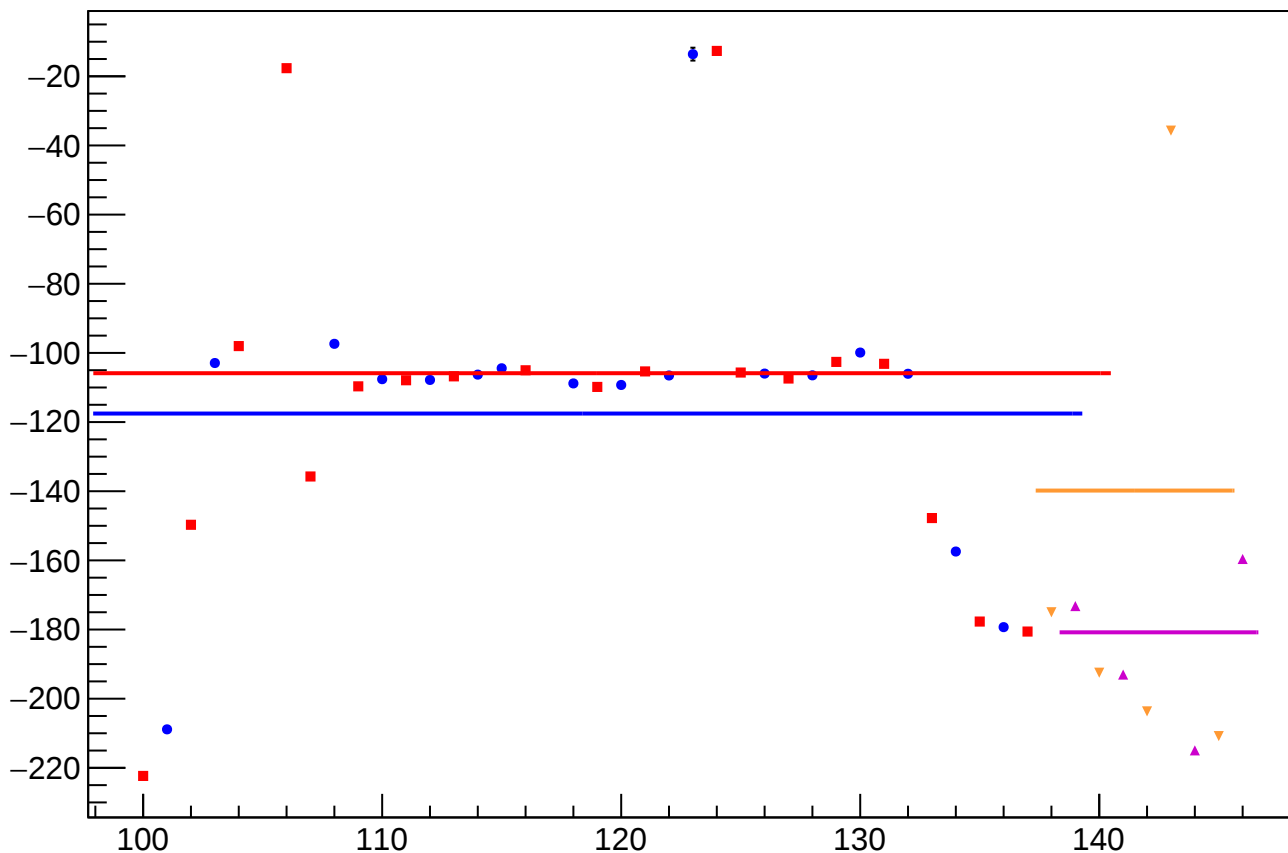
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/35$

In: 47.424 ± 1.129 $\chi^2/\text{NDF}: 724.0/20$

Out: 40.022 ± 1.099 $\chi^2/\text{NDF}: 829.8/23$

All: 43.622 ± 0.787 $\chi^2/\text{NDF}: 1575.9/44$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -139.809+/-0.113 χ^2/NDF : 441484.0/4

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -180.805+/-0.123 χ^2/NDF : 25596.3/3

Left: -158.588+/-0.084 χ^2/NDF : 526906.4/8

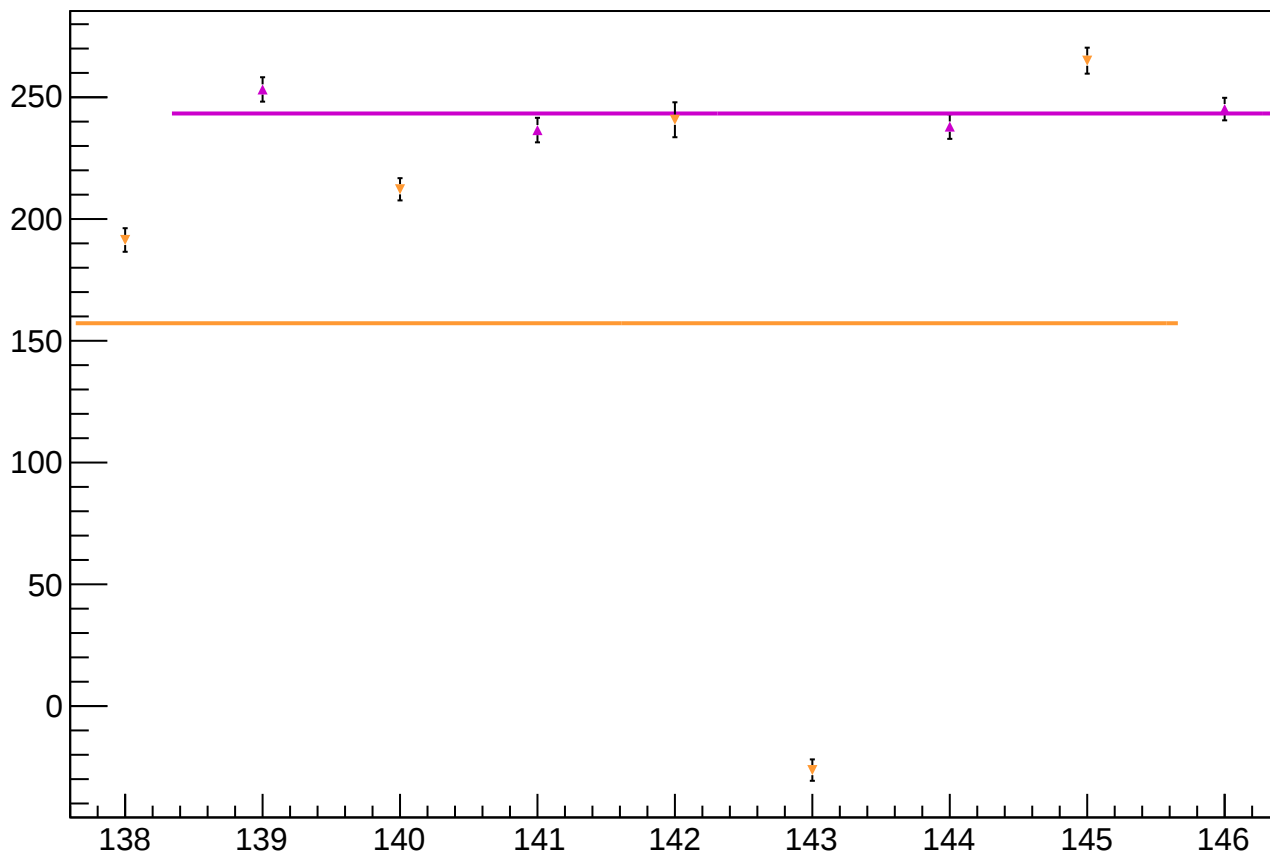
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -135.639+/-0.066 χ^2/NDF : 355335.7/20

Out: -115.764+/-0.061 χ^2/NDF : 829220.9/23

All: -124.960+/-0.045 χ^2/NDF : 1233273.9/44

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 157.209+/-2.254 χ^2/NDF :2481.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 243.338+/-2.462 χ^2/NDF :7.0/3

Left: 196.494+/-1.662 χ^2/NDF : 3154.4/8

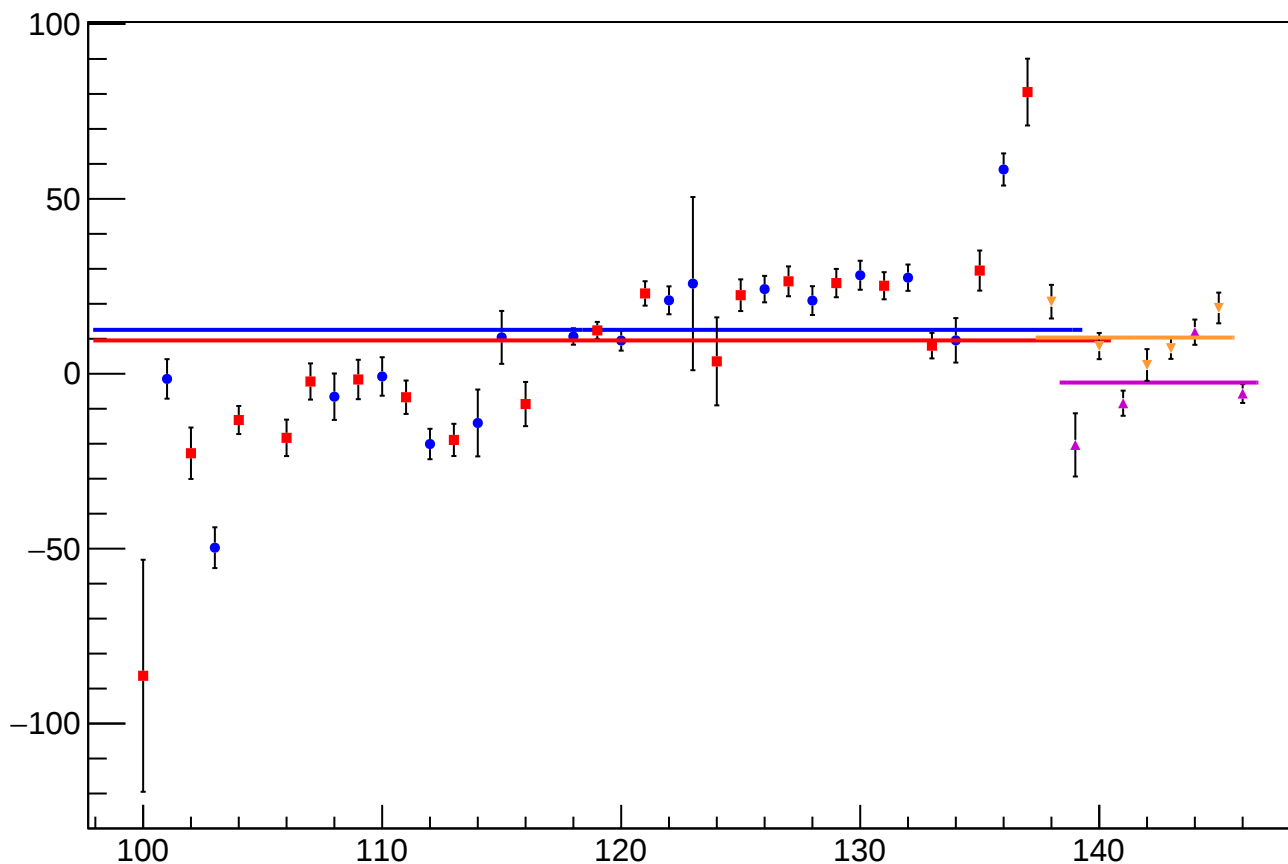
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.338+/-2.462 χ^2/NDF :7.0/3

Out: 157.209+/-2.254 χ^2/NDF :2481.6/4

All: 196.494+/-1.662 χ^2/NDF : 3154.4/8

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-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: -2.514+/-1.814 χ^2/NDF : 23.9/3

Left: 4.109+/-1.263 χ^2/NDF : 62.5/8

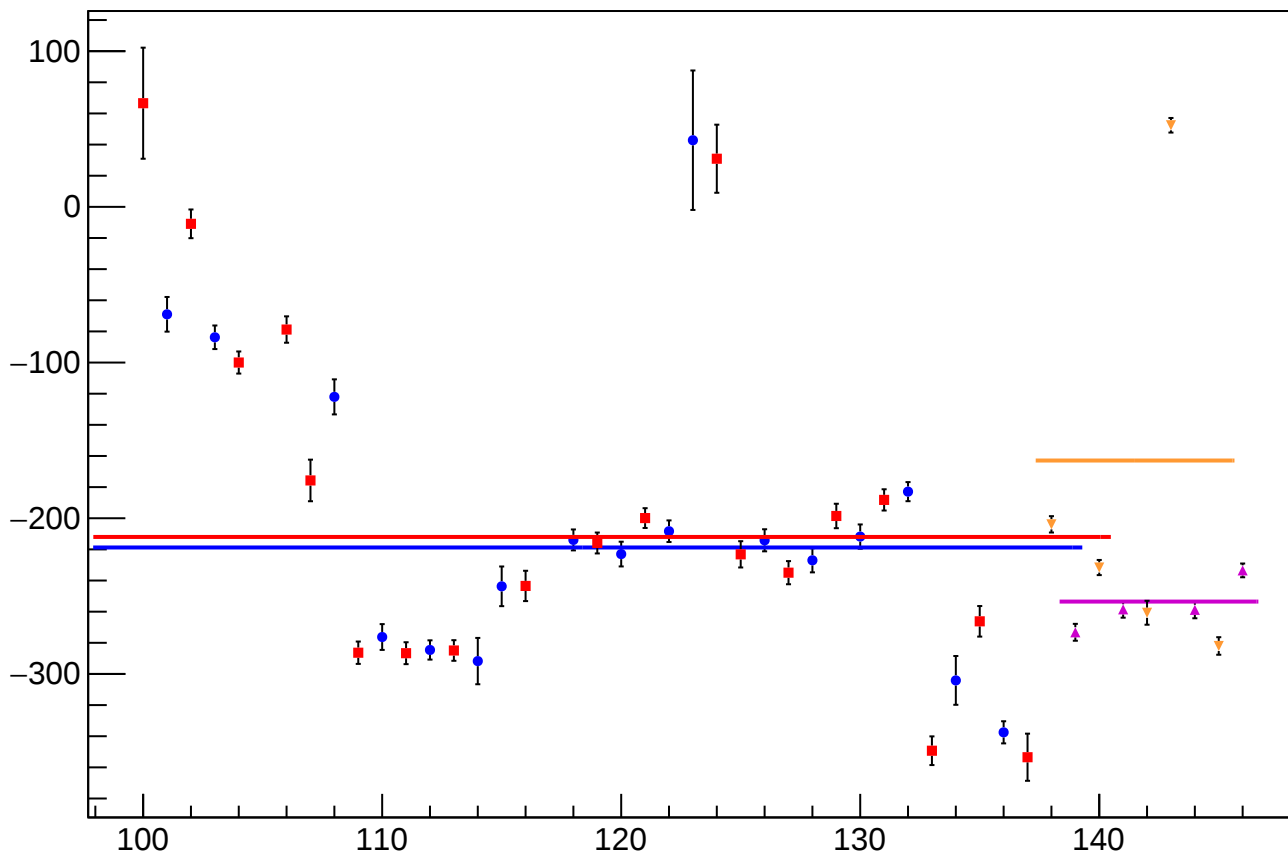
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 8.735+/-0.914 χ^2/NDF : 424.0/20

Out: 9.749+/-0.901 χ^2/NDF : 308.7/23

All: 9.249+/-0.641 χ^2/NDF : 733.3/44

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -162.920 ± 2.408 $\chi^2/\text{NDF}: 2978.7/4$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -253.521 ± 2.547 $\chi^2/\text{NDF}: 35.6/3$

Left: -205.681 ± 1.750 $\chi^2/\text{NDF}: 3682.3/8$

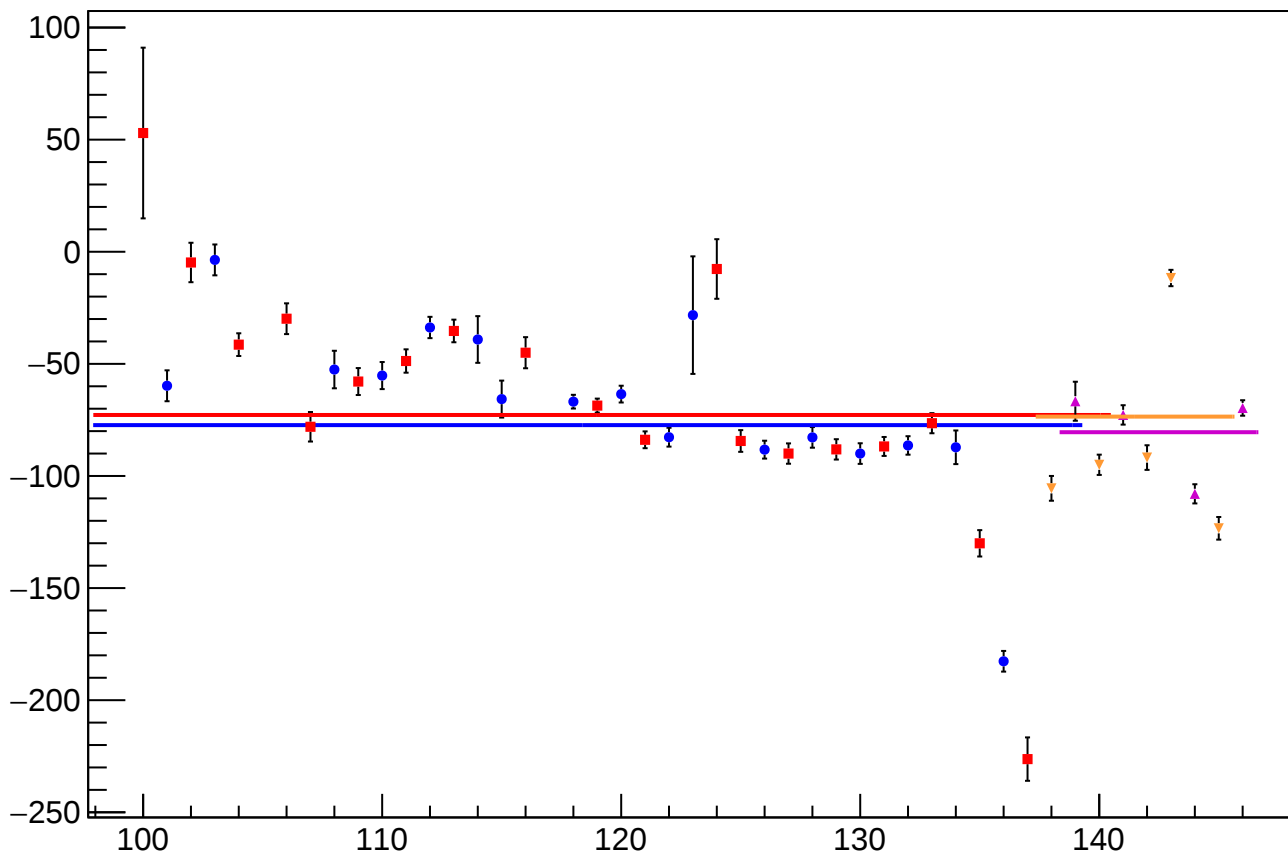
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -232.106 ± 1.578 $\chi^2/\text{NDF}: 1294.7/20$

Out: -192.887 ± 1.503 $\chi^2/\text{NDF}: 5118.0/23$

All: -211.542 ± 1.088 $\chi^2/\text{NDF}: 6736.6/44$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -73.527 ± 2.088 $\chi^2/\text{NDF}: 452.5/4$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -80.479 ± 2.207 $\chi^2/\text{NDF}: 56.8/3$

Left: -76.810 ± 1.517 $\chi^2/\text{NDF}: 514.6/8$

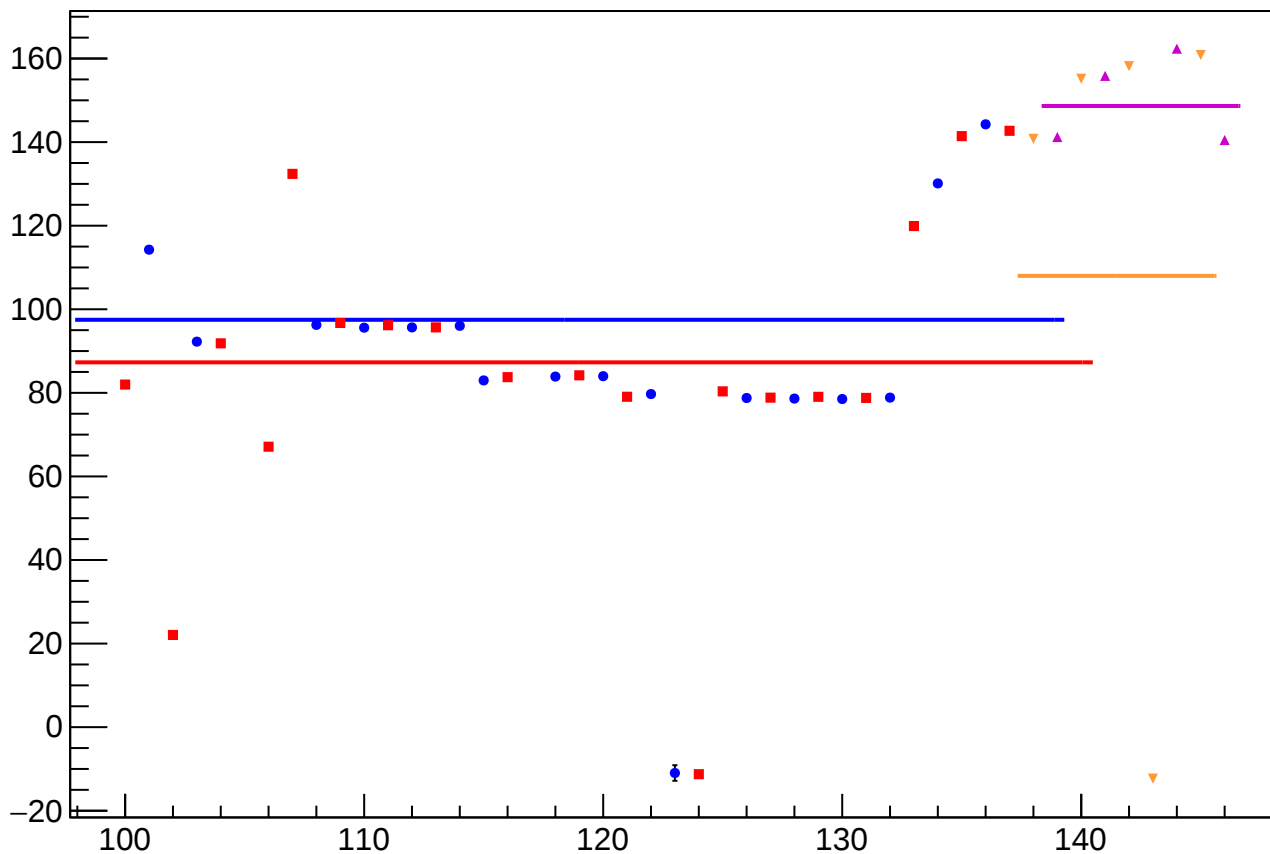
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -78.061 ± 1.069 $\chi^2/\text{NDF}: 876.1/20$

Out: -72.979 ± 1.045 $\chi^2/\text{NDF}: 1124.4/23$

All: -75.462 ± 0.747 $\chi^2/\text{NDF}: 2012.0/44$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483 $\pm$ 0.073 χ^2 /NDF: 94392.9/16

Left Out: 107.996 $\pm$ 0.098 χ^2 /NDF: 565645.2/4

Right Out: 87.299 $\pm$ 0.068 χ^2 /NDF: 221885.0/18

Left In: 148.647 $\pm$ 0.105 χ^2 /NDF: 7569.7/3

Left: 126.896 $\pm$ 0.072 χ^2 /NDF: 653226.3/8

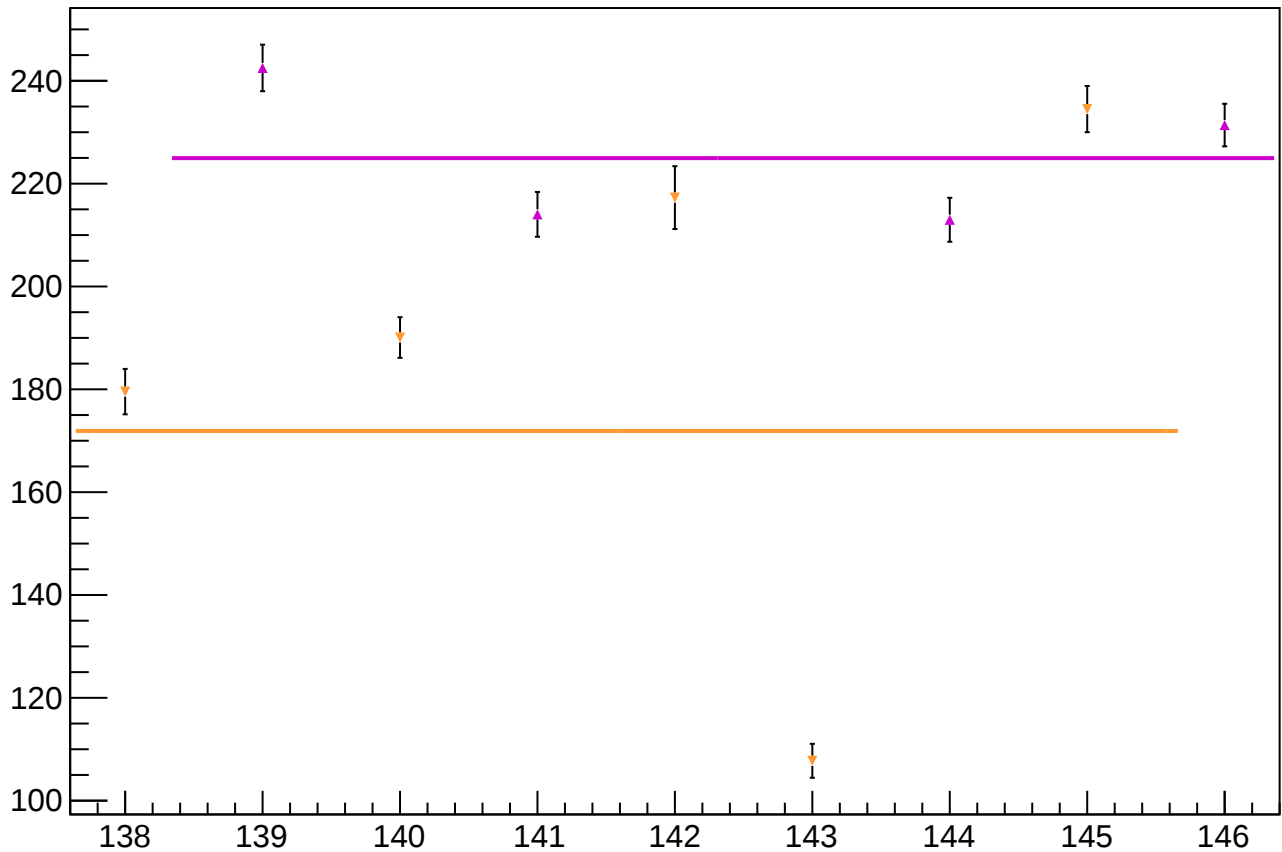
Right: 92.021 $\pm$ 0.050 χ^2 /NDF: 326611.0/35

In: 114.241 $\pm$ 0.060 χ^2 /NDF: 261258.7/20

Out: 94.055 $\pm$ 0.056 χ^2 /NDF: 817575.1/23

All: 103.424 $\pm$ 0.041 χ^2 /NDF: 1139160.8/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 171.899+/-1.880 χ^2/NDF : 649.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 224.966+/-2.159 χ^2/NDF : 31.6/3

Left: 194.782+/-1.418 χ^2/NDF : 1024.9/8

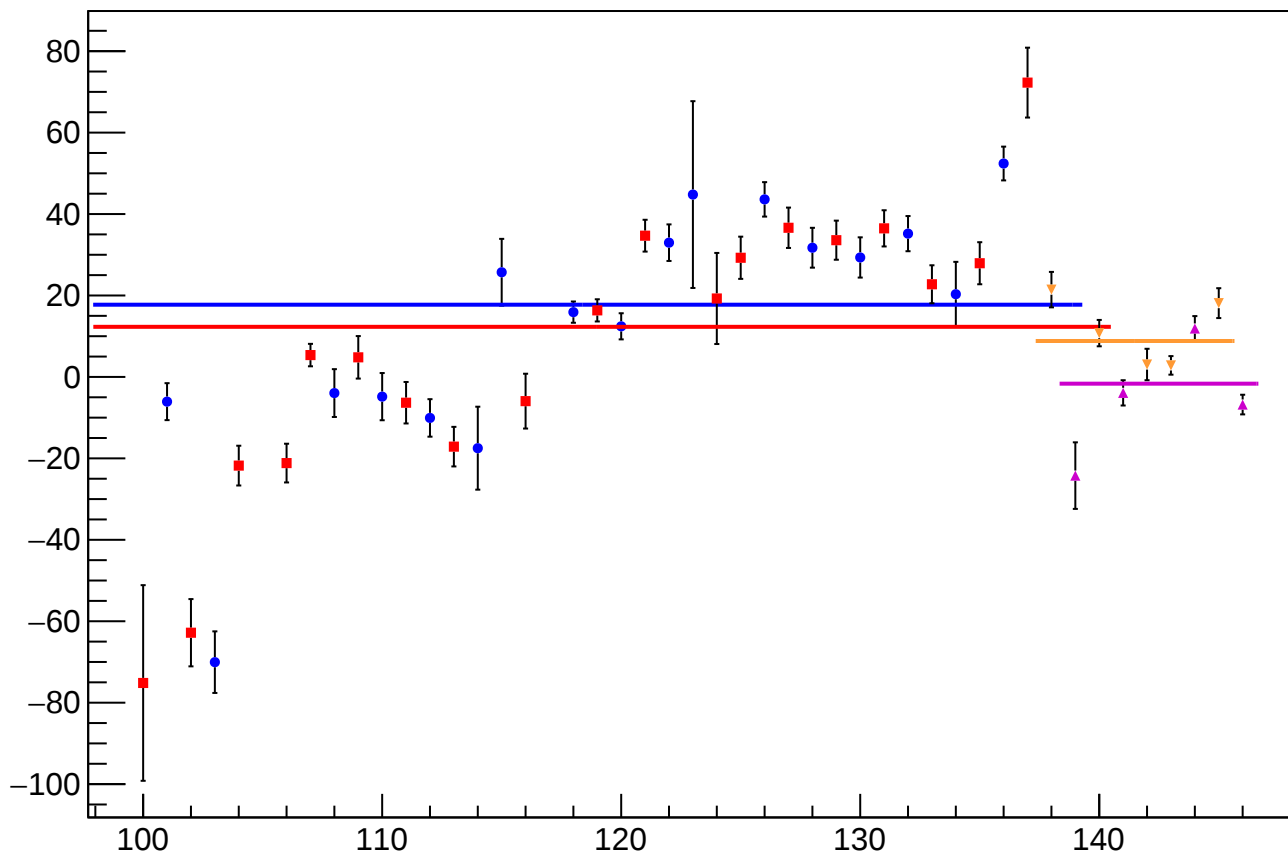
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 224.966+/-2.159 χ^2/NDF : 31.6/3

Out: 171.899+/-1.880 χ^2/NDF : 649.7/4

All: 194.782+/-1.418 χ^2/NDF : 1024.9/8

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 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: -1.656 $\pm$ 1.585 χ^2 /NDF:32.4/3

Left: 4.087 $\pm$ 1.066 χ^2 /NDF: 80.6/8

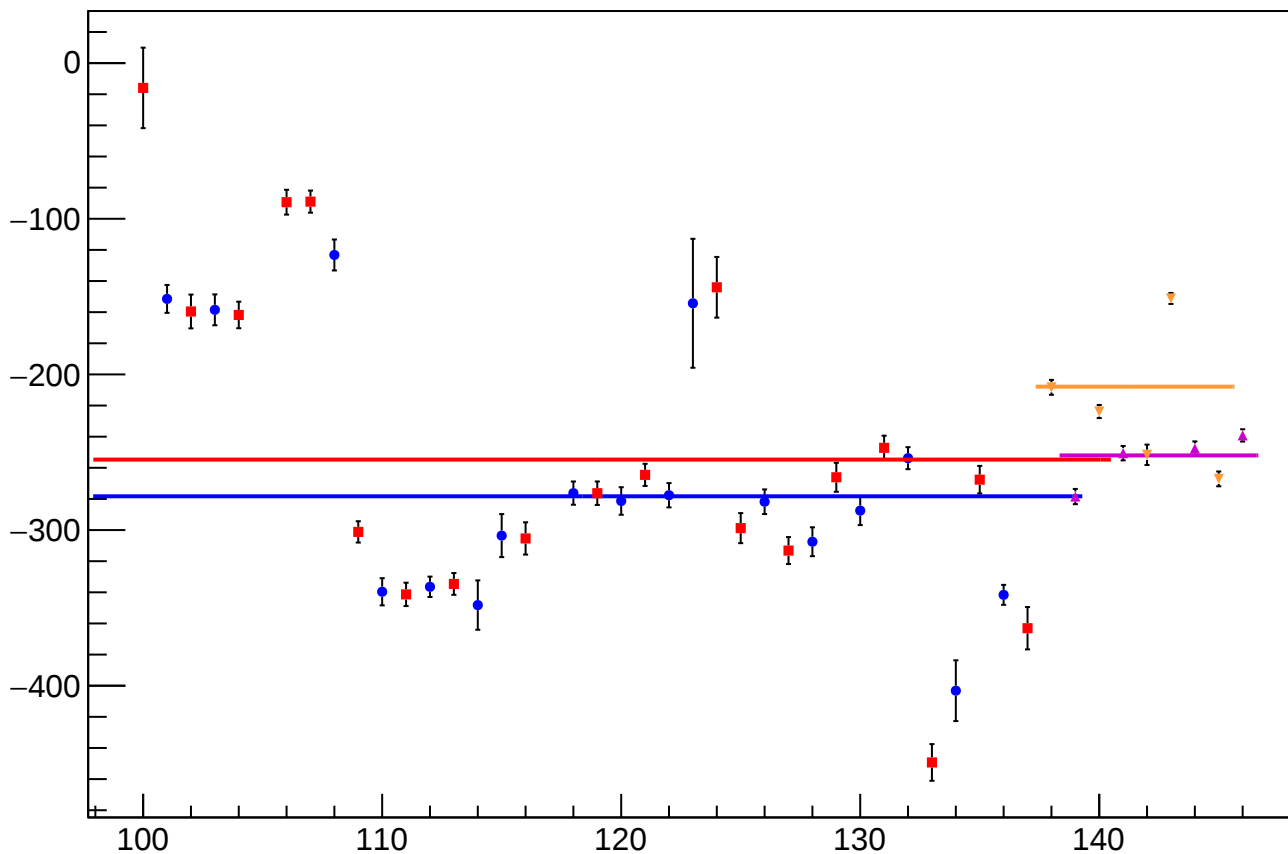
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 11.062 $\pm$ 0.930 χ^2 /NDF:524.5/20

Out: 11.046 $\pm$ 0.866 χ^2 /NDF:470.5/23

All: 11.054 $\pm$ 0.634 χ^2 /NDF: 995.0/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -207.866 ± 2.008 χ^2/NDF : 472.5/4

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -252.035 ± 2.236 χ^2/NDF : 40.7/3

Left: -227.581 ± 1.494 χ^2/NDF : 729.1/8

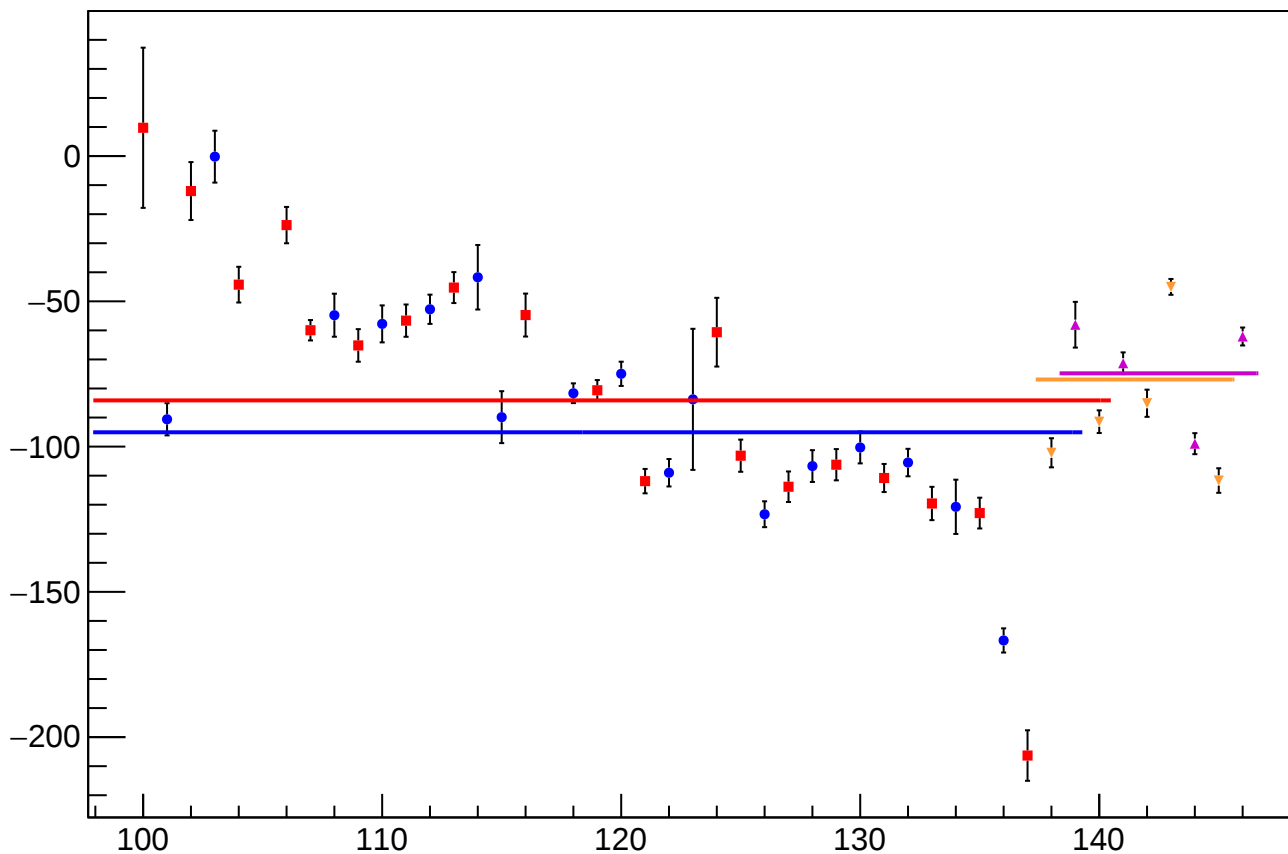
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -265.547 ± 1.558 χ^2/NDF : 1021.6/20

Out: -231.167 ± 1.424 χ^2/NDF : 2781.2/23

All: -246.809 ± 1.051 χ^2/NDF : 4068.1/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -76.906 ± 1.712 χ^2/NDF : 246.4/4

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -74.778 ± 1.928 χ^2/NDF : 67.0/3

Left: -75.968 ± 1.280 χ^2/NDF : 314.1/8

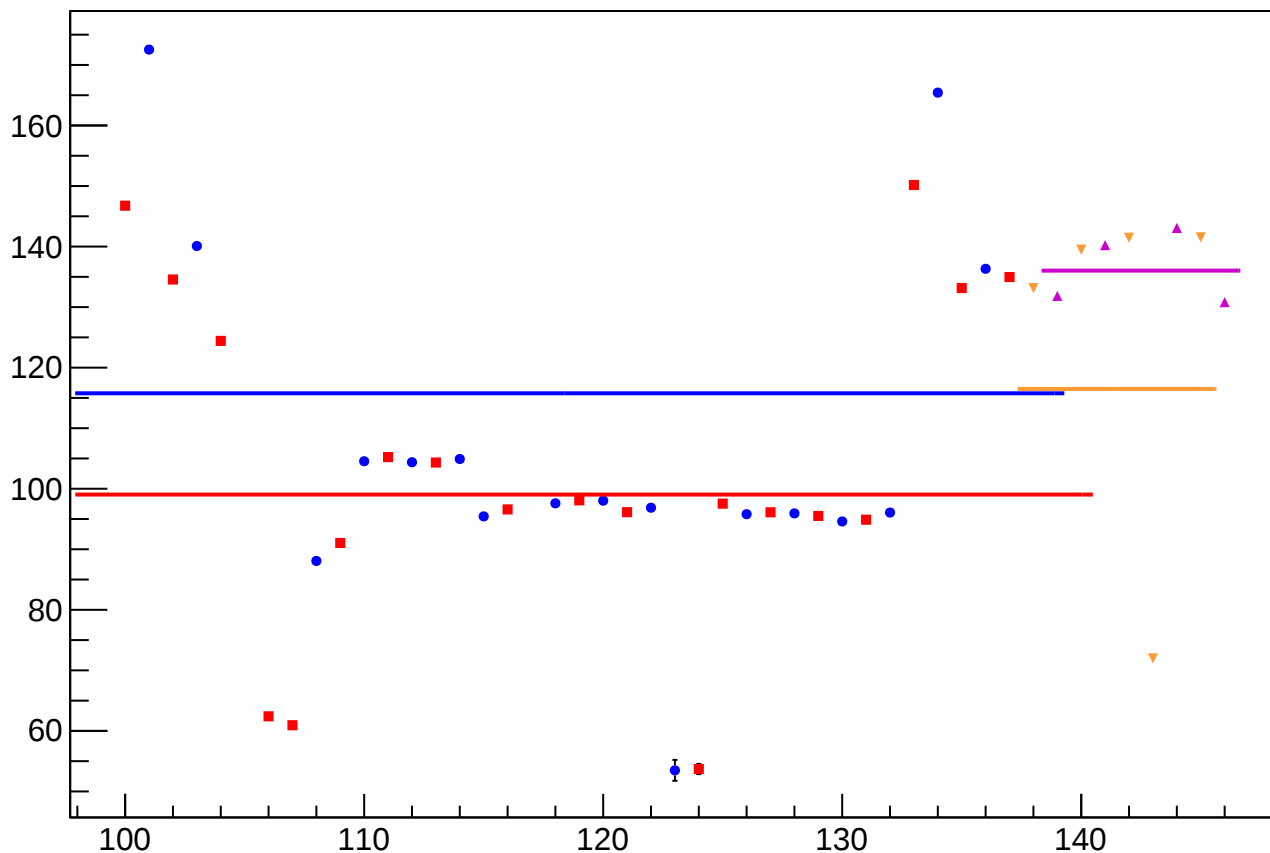
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -88.560 ± 1.092 χ^2/NDF : 815.5/20

Out: -81.576 ± 1.013 χ^2/NDF : 1038.3/23

All: -84.806 ± 0.743 χ^2/NDF : 1875.7/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 116.484+/-0.082 χ^2/NDF :148608.2/4

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 136.027+/-0.093 χ^2/NDF :3144.2/3

Left: 125.048+/-0.061 χ^2/NDF : 176816.5/8

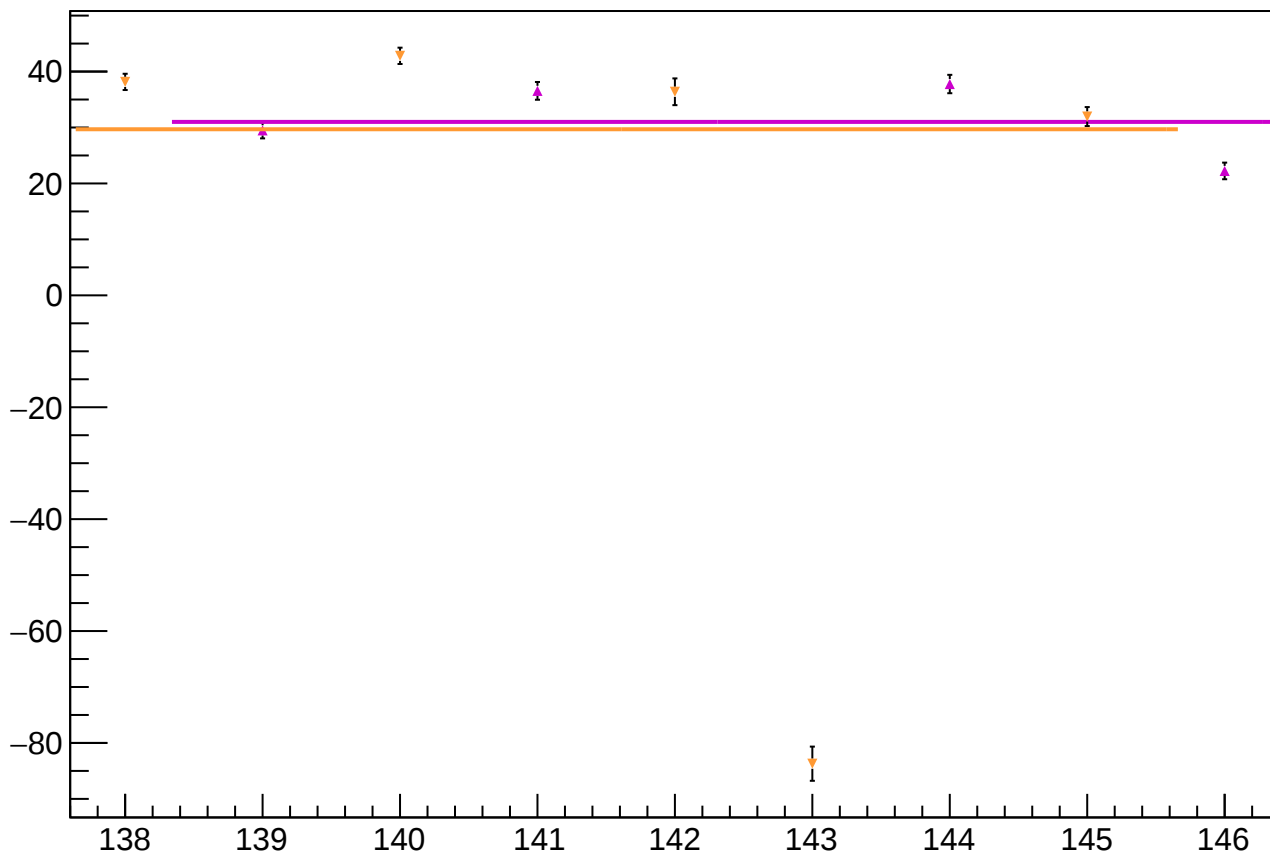
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 124.192+/-0.060 χ^2/NDF :137456.9/20

Out: 106.235+/-0.052 χ^2/NDF :348866.7/23

All: 114.067+/-0.039 χ^2/NDF : 537383.7/44

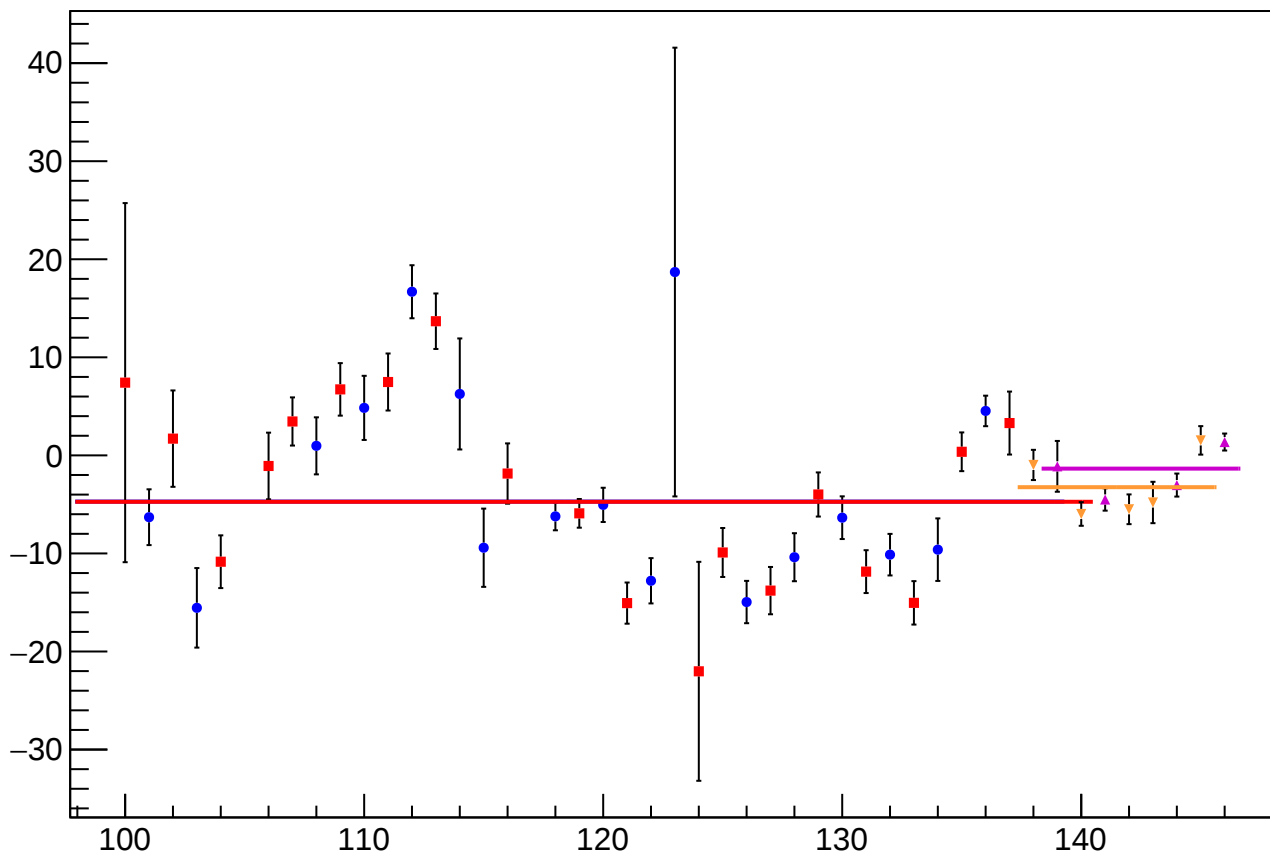
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 29.685+/-0.797 χ^2/NDF :1501.7/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 31.000+/-0.765 χ^2/NDF :65.1/3

Left: 30.370+/-0.552 χ^2/NDF : 1568.2/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 31.000+/-0.765 χ^2/NDF :65.1/3
 Out: 29.685+/-0.797 χ^2/NDF :1501.7/4
 All: 30.370+/-0.552 χ^2/NDF : 1568.2/8

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -3.244 ± 0.667 χ^2/NDF : 20.9/4

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -1.351 ± 0.579 χ^2/NDF : 19.5/3

Left: -2.165 ± 0.438 χ^2/NDF : 45.0/8

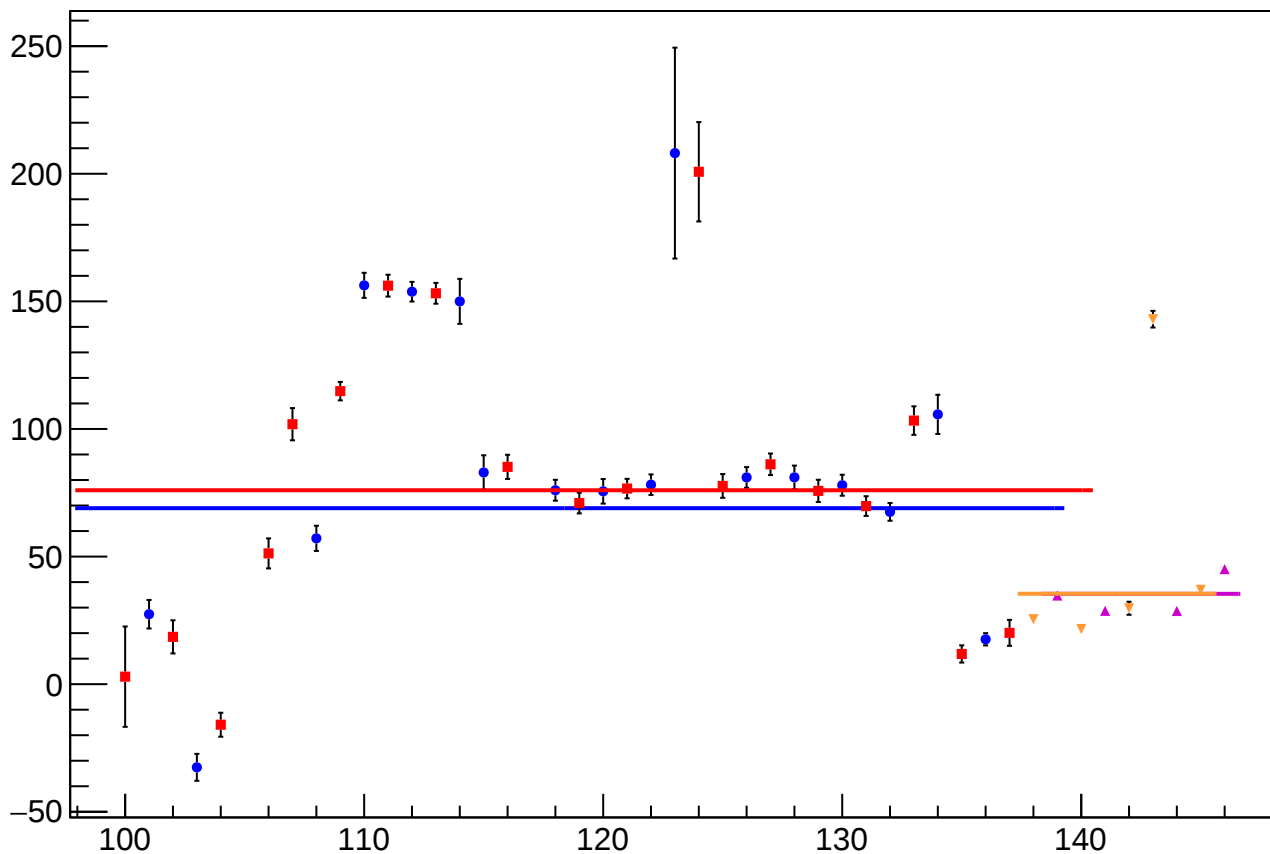
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -3.028 ± 0.410 χ^2/NDF : 211.0/20

Out: -4.086 ± 0.440 χ^2/NDF : 213.4/23

All: -3.520 ± 0.300 χ^2/NDF : 427.5/44

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 35.438 ± 0.850 $\chi^2/\text{NDF}: 1214.4/4$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 35.401 ± 0.794 $\chi^2/\text{NDF}: 76.8/3$

Left: 35.418 ± 0.580 $\chi^2/\text{NDF}: 1291.2/8$

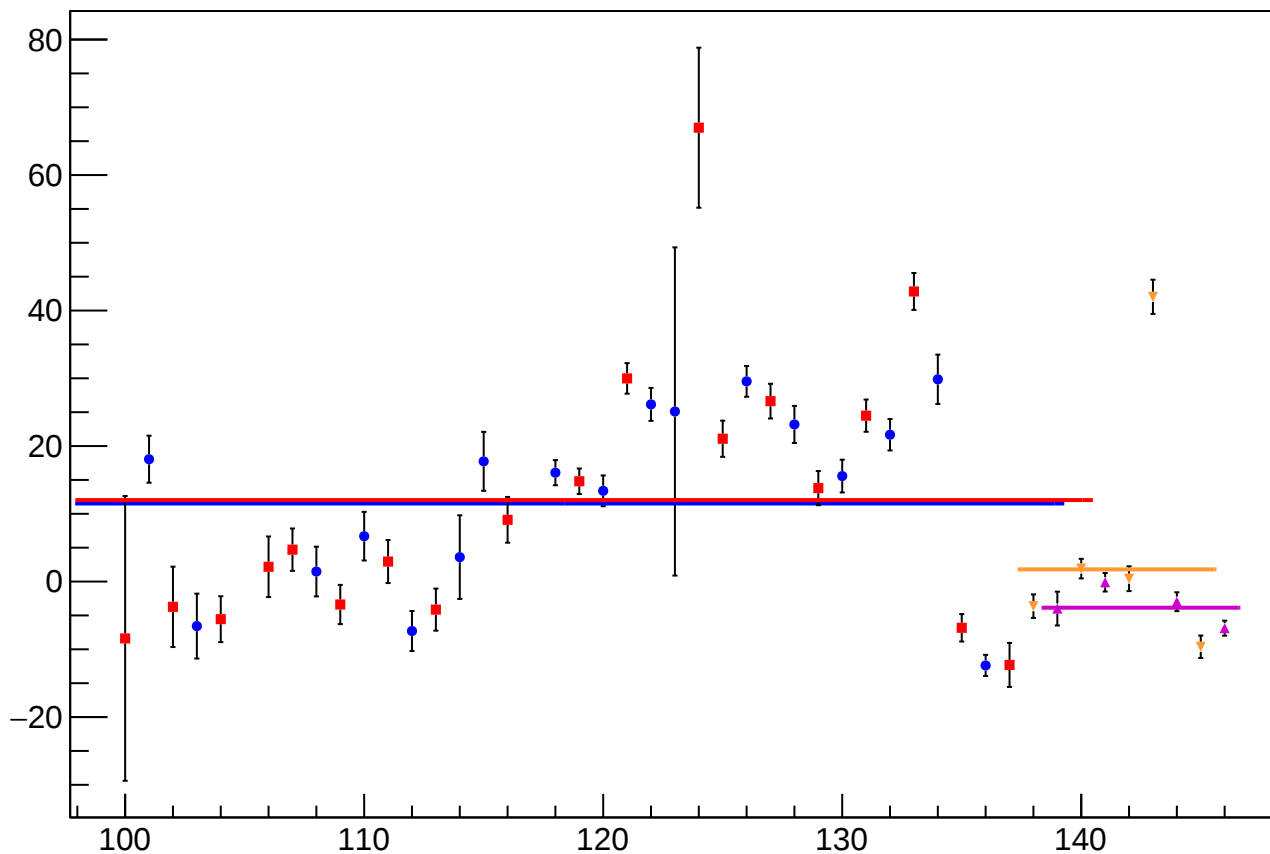
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 47.190 ± 0.639 $\chi^2/\text{NDF}: 2548.4/20$

Out: 51.146 ± 0.666 $\chi^2/\text{NDF}: 3989.7/23$

All: 49.089 ± 0.461 $\chi^2/\text{NDF}: 6556.5/44$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: 1.798 ± 0.784 $\chi^2/\text{NDF}: 311.7/4$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -3.857 ± 0.702 $\chi^2/\text{NDF}: 15.4/3$

Left: -1.337 ± 0.523 $\chi^2/\text{NDF}: 355.9/8$

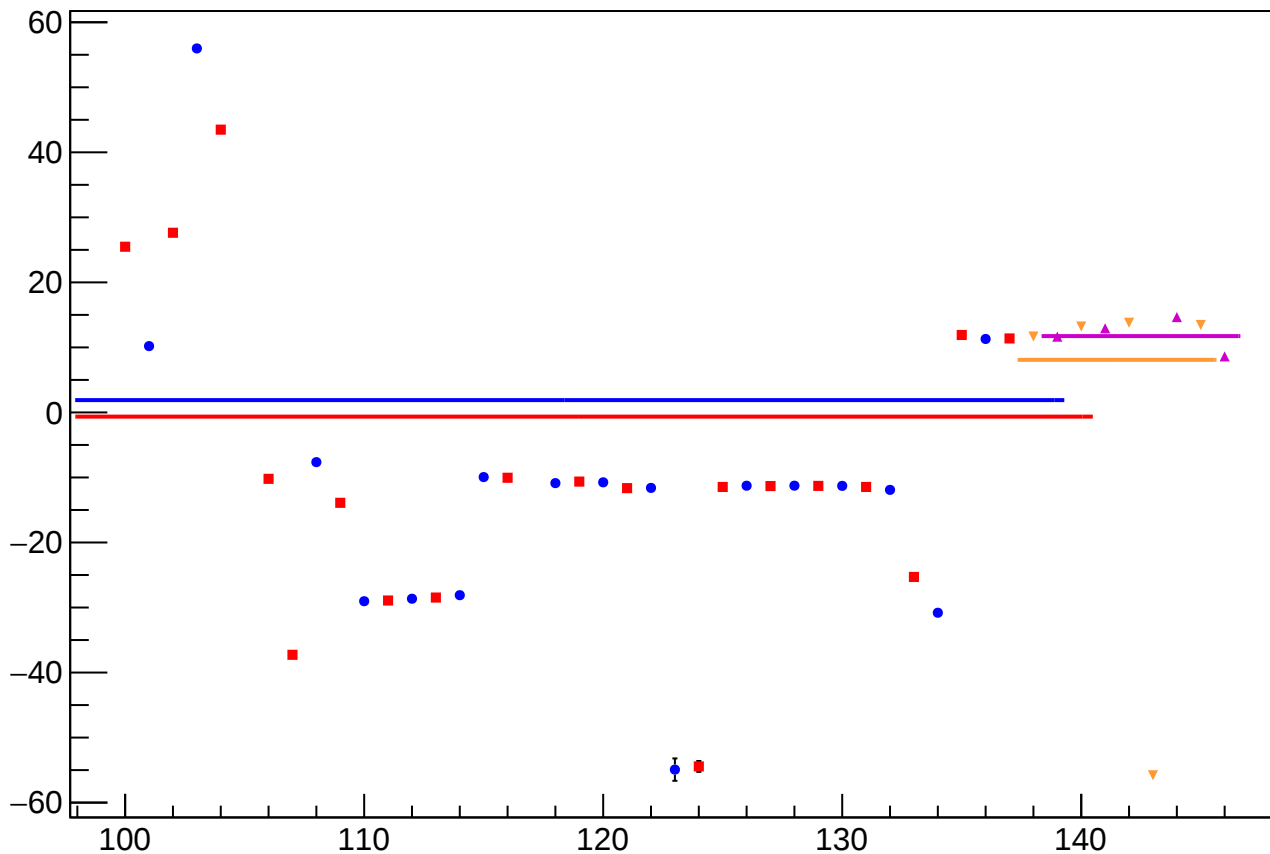
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 4.313 ± 0.481 $\chi^2/\text{NDF}: 747.2/20$

Out: 7.749 ± 0.507 $\chi^2/\text{NDF}: 950.5/23$

All: 5.942 ± 0.349 $\chi^2/\text{NDF}: 1721.9/44$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 8.091 $\pm$ 0.034 χ^2 /NDF:255953.5/4

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361626.2/18

Left In: 11.740 $\pm$ 0.032 χ^2 /NDF:4030.0/3

Left: 10.025 $\pm$ 0.024 χ^2 /NDF: 265945.4/8

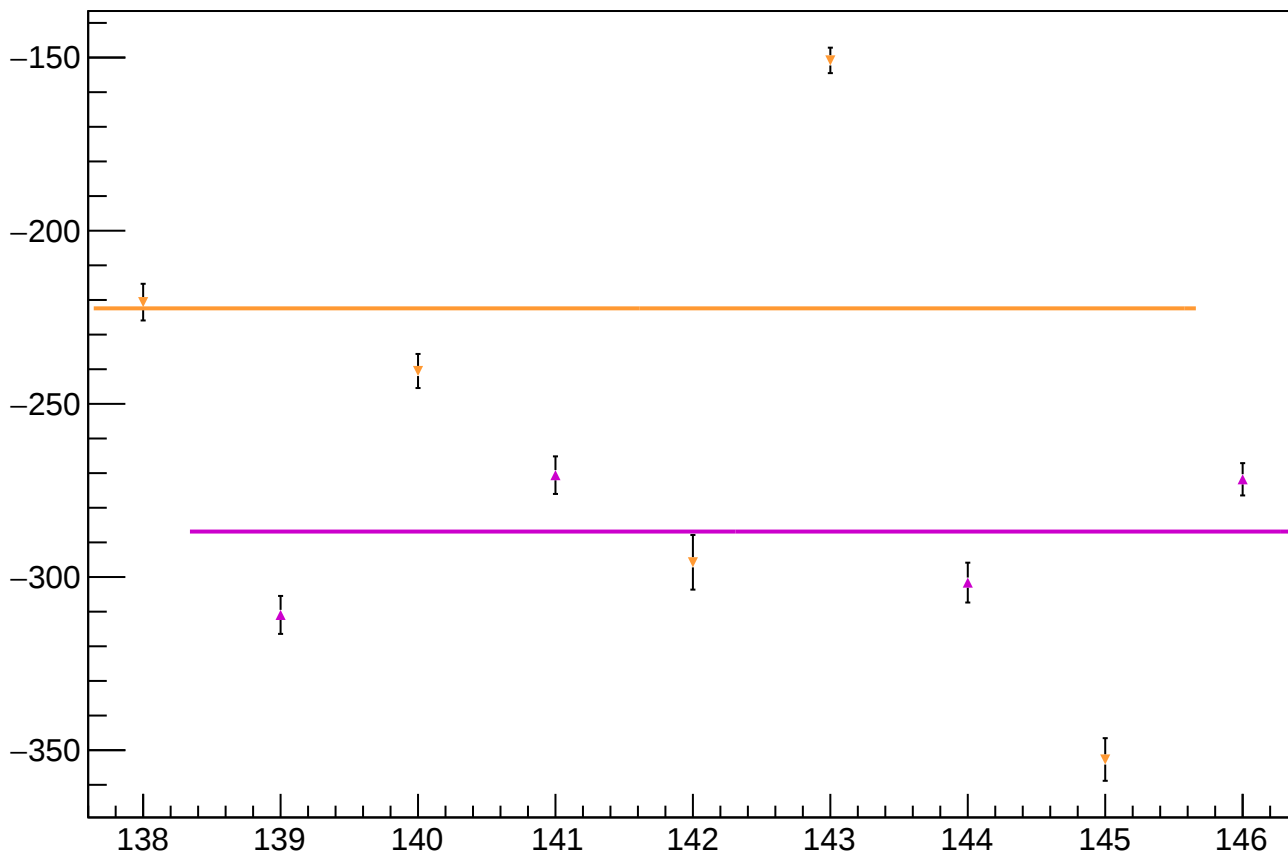
Right: 0.626 $\pm$ 0.026 χ^2 /NDF: 722831.9/35

In: 7.473 $\pm$ 0.024 χ^2 /NDF:402895.1/20

Out: 4.046 $\pm$ 0.025 χ^2 /NDF:647418.8/23

All: 5.816 $\pm$ 0.018 χ^2 /NDF: 1059859.0/44

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -222.422+/-2.274 χ^2/NDF : 927.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -286.871+/-2.640 χ^2/NDF : 45.3/3

Left: -249.865+/-1.723 χ^2/NDF : 1314.6/8

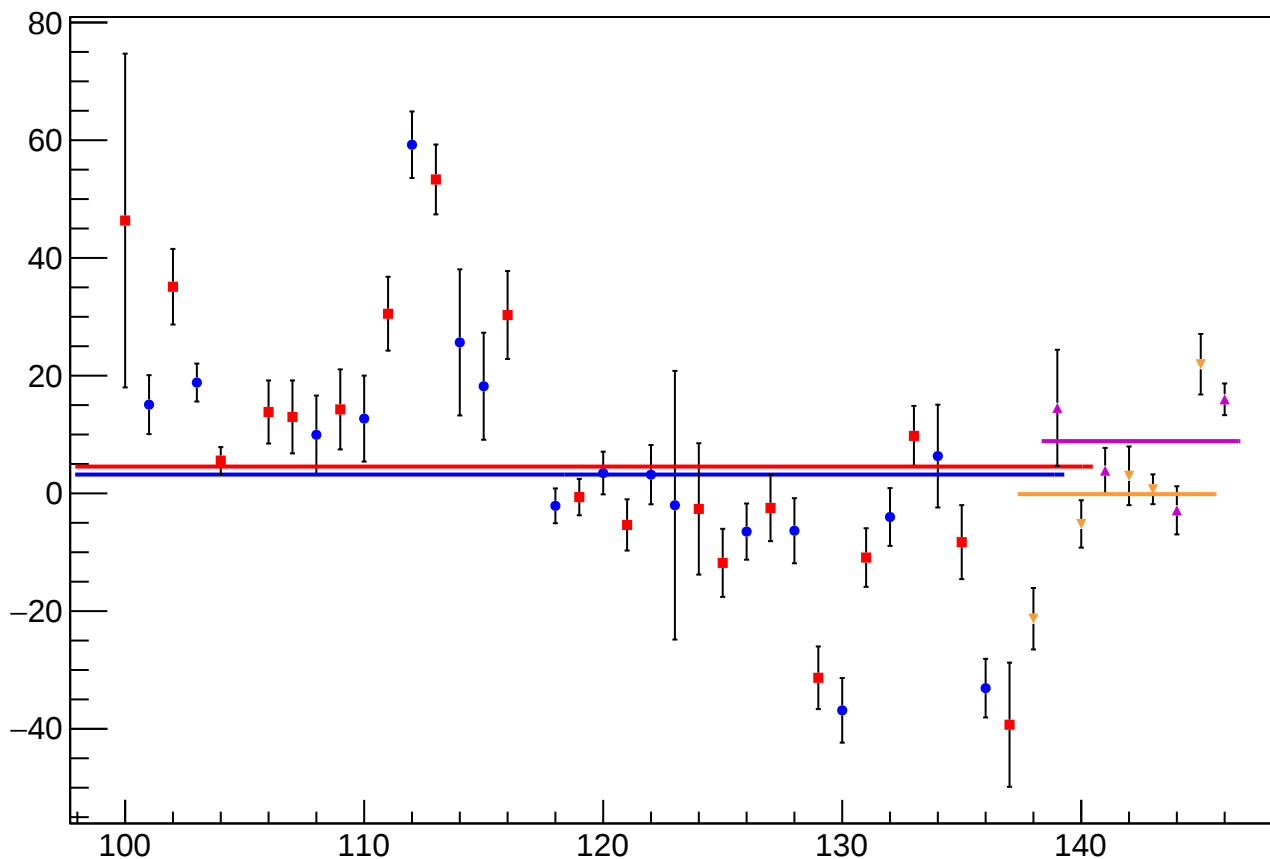
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -286.871+/-2.640 χ^2/NDF : 45.3/3

Out: -222.422+/-2.274 χ^2/NDF : 927.1/4

All: -249.865+/-1.723 χ^2/NDF : 1314.6/8

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: -0.123 ± 1.734 χ^2/NDF : 36.9/4

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 8.883 ± 1.907 χ^2/NDF : 17.2/3

Left: 3.954 ± 1.283 χ^2/NDF : 66.3/8

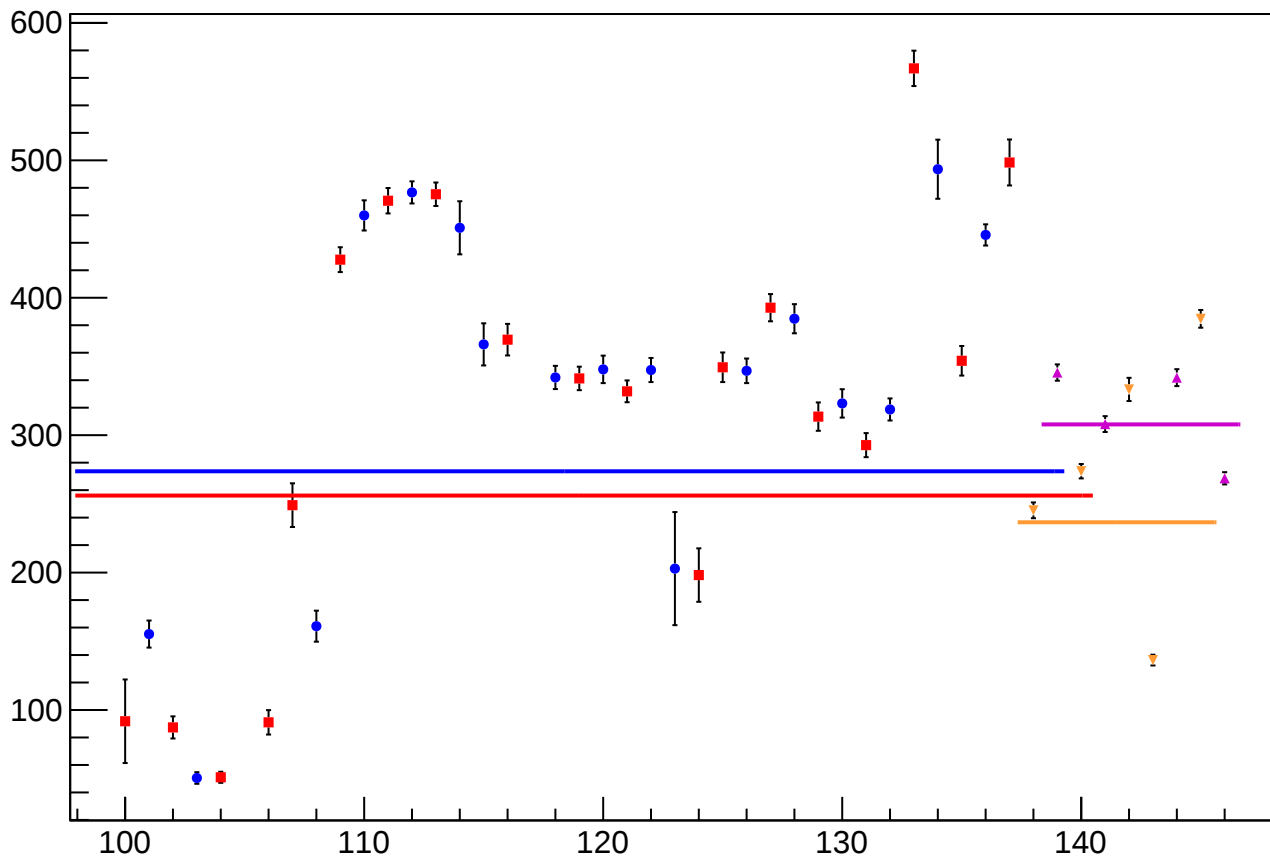
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 4.864 ± 1.032 χ^2/NDF : 278.7/20

Out: 3.115 ± 0.963 χ^2/NDF : 265.9/23

All: 3.929 ± 0.704 χ^2/NDF : 546.1/44

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: 307.835 $\pm$ 2.719 χ^2 /NDF:148.6/3

Left: 268.185 $\pm$ 1.810 χ^2 /NDF: 1894.5/8

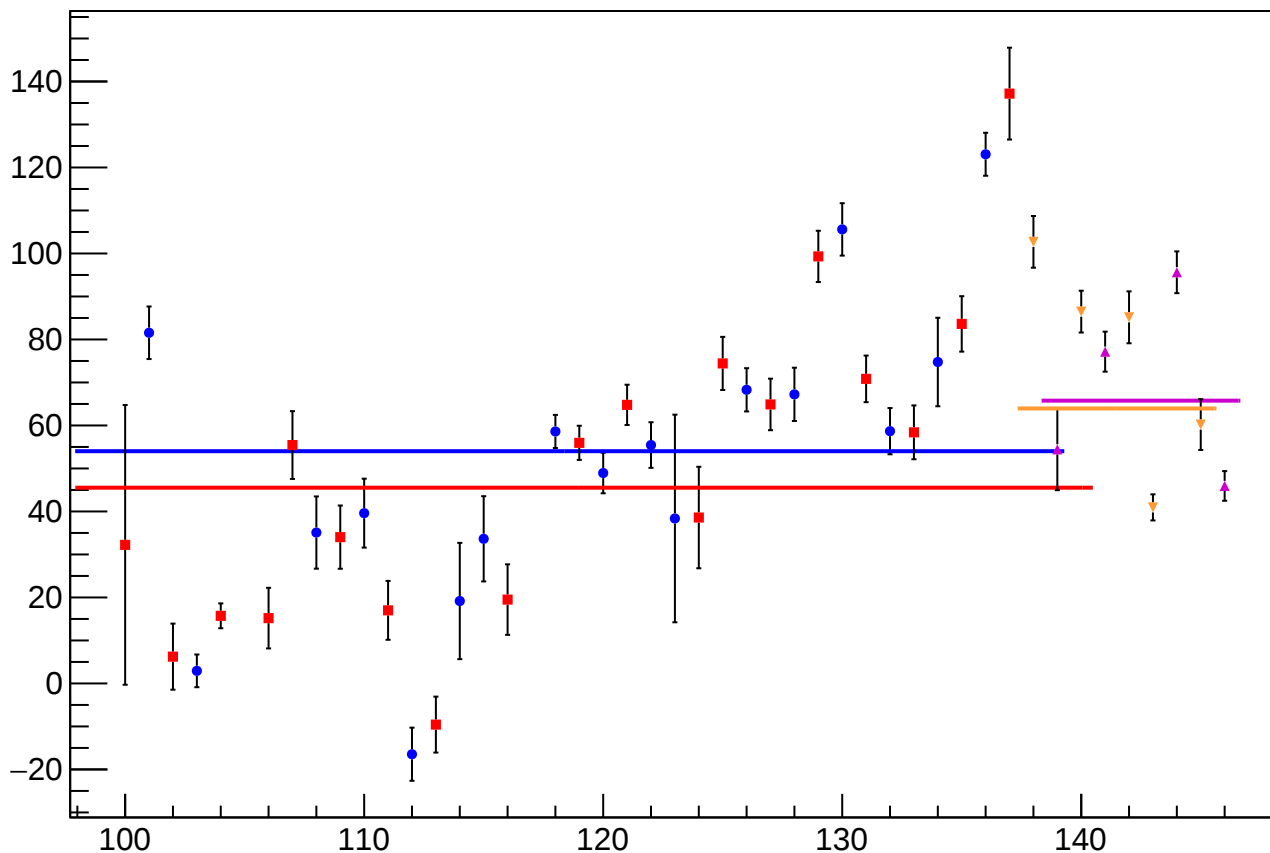
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 287.177 $\pm$ 1.708 χ^2 /NDF:5347.2/20

Out: 247.823 $\pm$ 1.579 χ^2 /NDF:7842.0/23

All: 265.956 $\pm$ 1.159 χ^2 /NDF: 13475.6/44

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: 65.773 $\pm$ 2.334 χ^2 /NDF:78.2/3

Left: 64.752 $\pm$ 1.546 χ^2 /NDF: 211.7/8

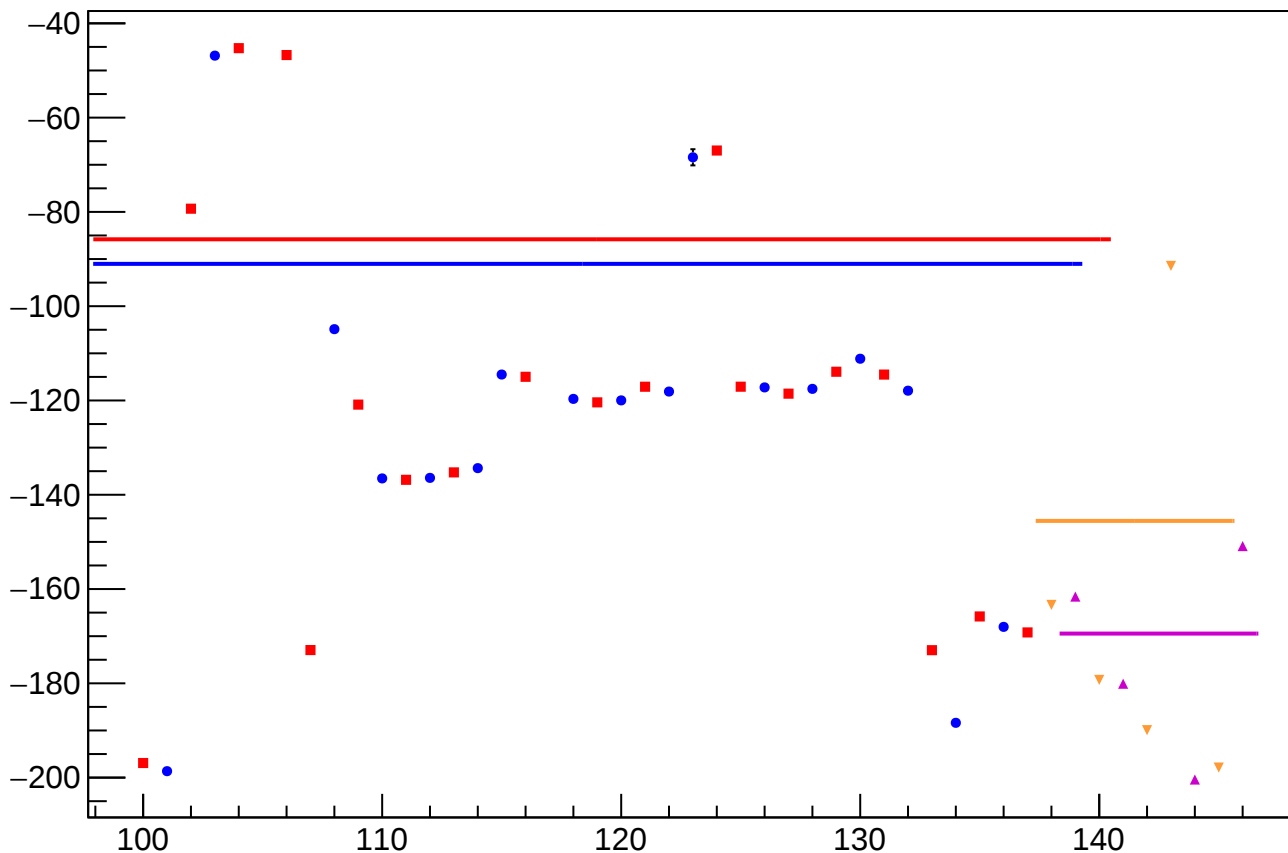
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.202 $\pm$ 1.215 χ^2 /NDF:729.6/20

Out: 51.089 $\pm$ 1.134 χ^2 /NDF:715.6/23

All: 53.935 $\pm$ 0.829 χ^2 /NDF: 1458.7/44

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: -169.448 ± 0.113 $\chi^2/\text{NDF}: 24875.0/3$

Left: -155.931 ± 0.074 $\chi^2/\text{NDF}: 254710.9/8$

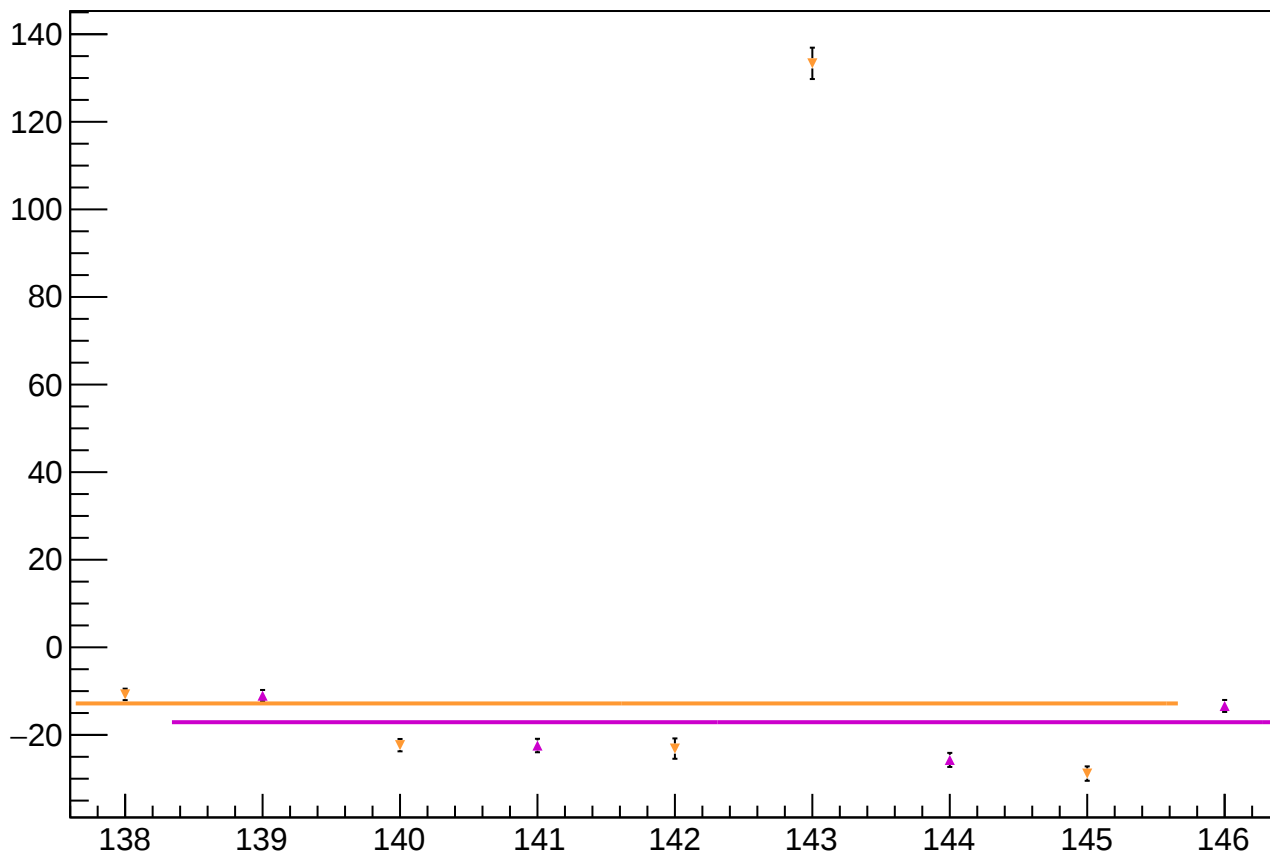
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -111.764 ± 0.058 $\chi^2/\text{NDF}: 915312.7/20$

Out: -103.863 ± 0.054 $\chi^2/\text{NDF}: 955336.9/23$

All: -107.557 ± 0.040 $\chi^2/\text{NDF}: 1880542.9/44$

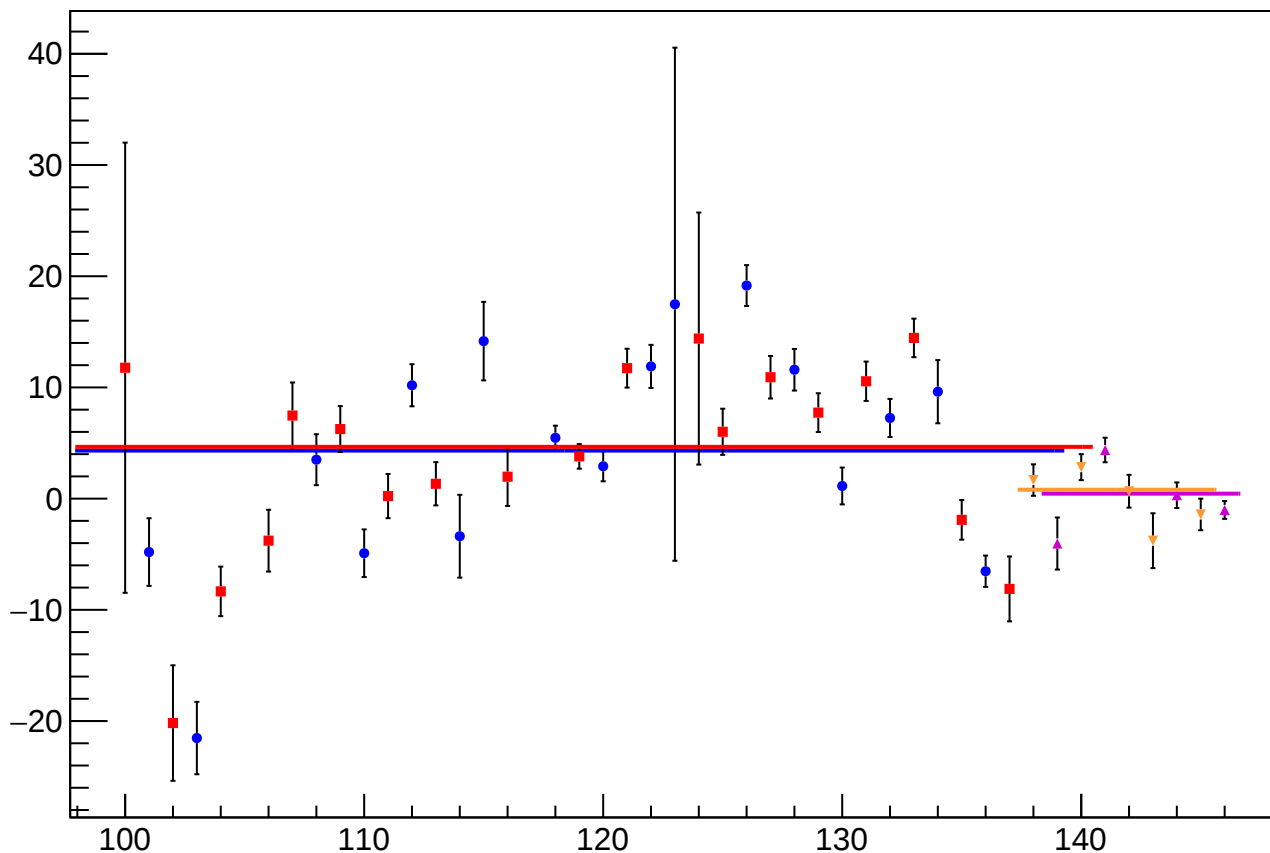
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.814+/-0.764 χ^2/NDF :1827.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.098+/-0.719 χ^2/NDF :69.9/3

Left: -15.086+/-0.523 χ^2/NDF : 1914.4/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.098+/-0.719 χ^2/NDF :69.9/3
 Out: -12.814+/-0.764 χ^2/NDF :1827.8/4
 All: -15.086+/-0.523 χ^2/NDF : 1914.4/8

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 0.802 ± 0.652 χ^2/NDF : 9.3/4

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 0.448 ± 0.549 χ^2/NDF : 19.7/3

Left: 0.595 ± 0.420 χ^2/NDF : 29.2/8

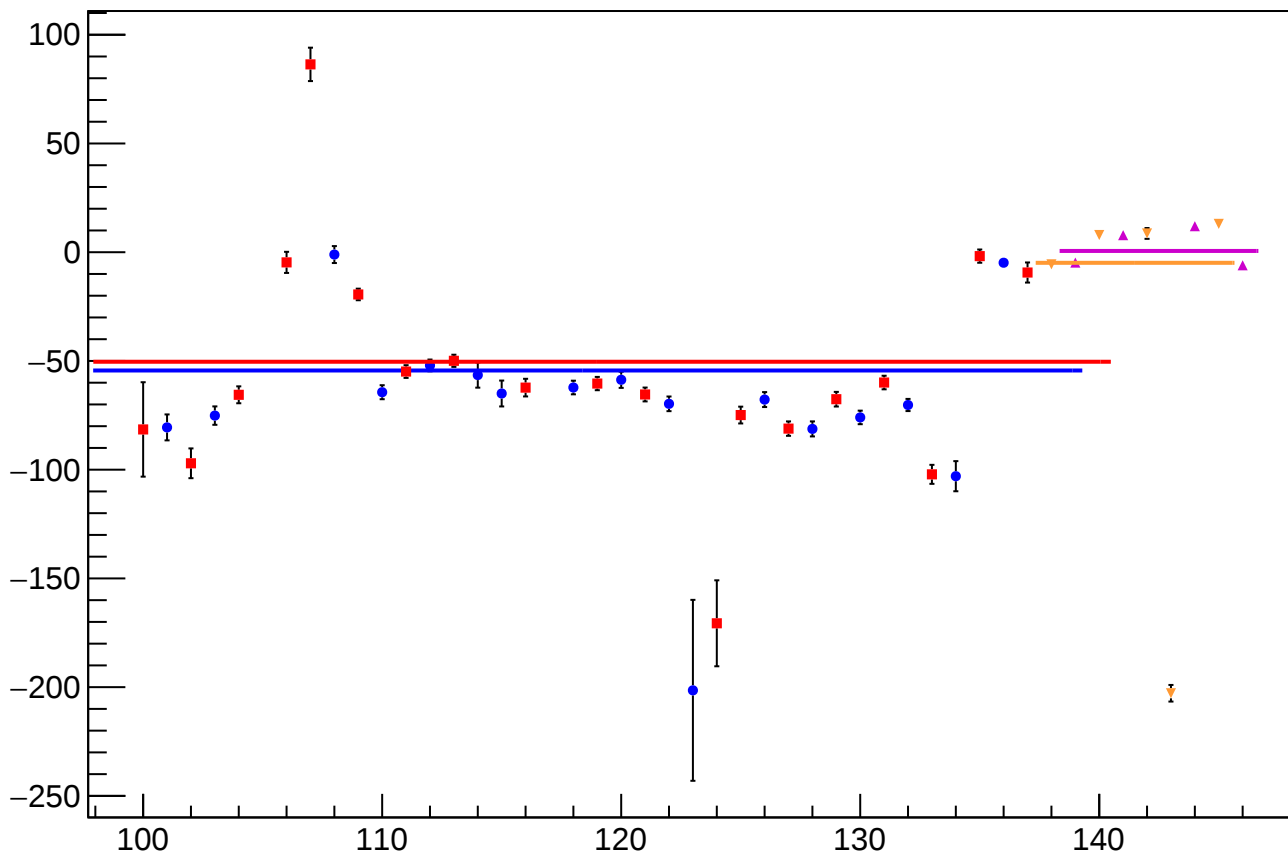
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 2.701 ± 0.355 χ^2/NDF : 329.0/20

Out: 3.324 ± 0.383 χ^2/NDF : 216.8/23

All: 2.988 ± 0.260 χ^2/NDF : 547.2/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -4.873 ± 0.815 $\chi^2/\text{NDF}: 2896.5/4$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 0.585 ± 0.745 $\chi^2/\text{NDF}: 103.3/3$

Left: -1.900 ± 0.550 $\chi^2/\text{NDF}: 3024.3/8$

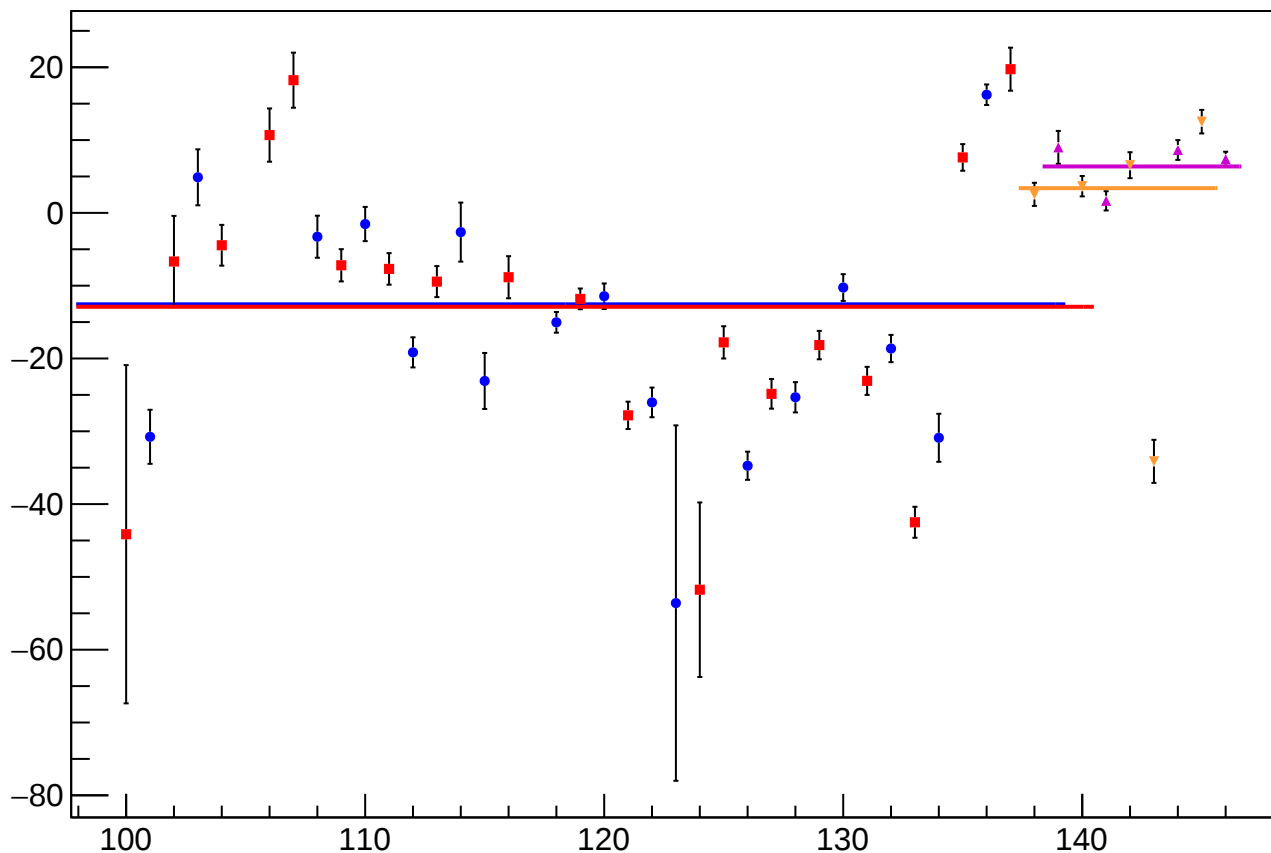
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -22.845 ± 0.564 $\chi^2/\text{NDF}: 3437.5/20$

Out: -26.461 ± 0.591 $\chi^2/\text{NDF}: 5696.2/23$

All: -24.570 ± 0.408 $\chi^2/\text{NDF}: 9153.3/44$

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: 6.375 ± 0.665 χ^2/NDF : 17.8/3

Left: 5.088 ± 0.501 χ^2/NDF : 222.9/8

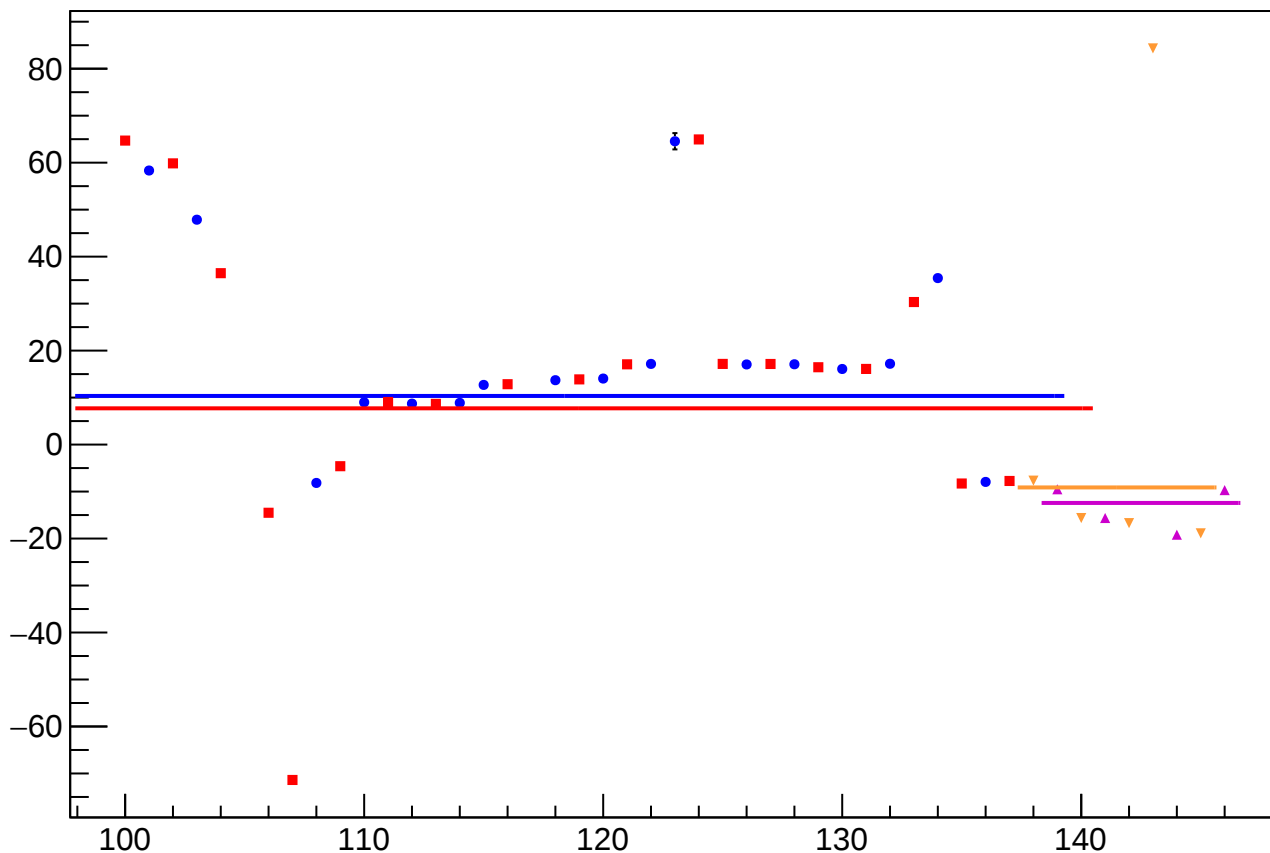
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -5.182 ± 0.415 χ^2/NDF : 1292.0/20

Out: -7.484 ± 0.440 χ^2/NDF : 1229.5/23

All: -6.267 ± 0.302 χ^2/NDF : 2536.0/44

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 $\chi^2/\text{NDF}: 380878.9/16$

Left Out: -9.122 ± 0.033 $\chi^2/\text{NDF}: 406941.1/4$

Right Out: 7.715 ± 0.031 $\chi^2/\text{NDF}: 545032.1/18$

Left In: -12.422 ± 0.030 $\chi^2/\text{NDF}: 15938.4/3$

Left: -10.907 ± 0.022 $\chi^2/\text{NDF}: 428325.3/8$

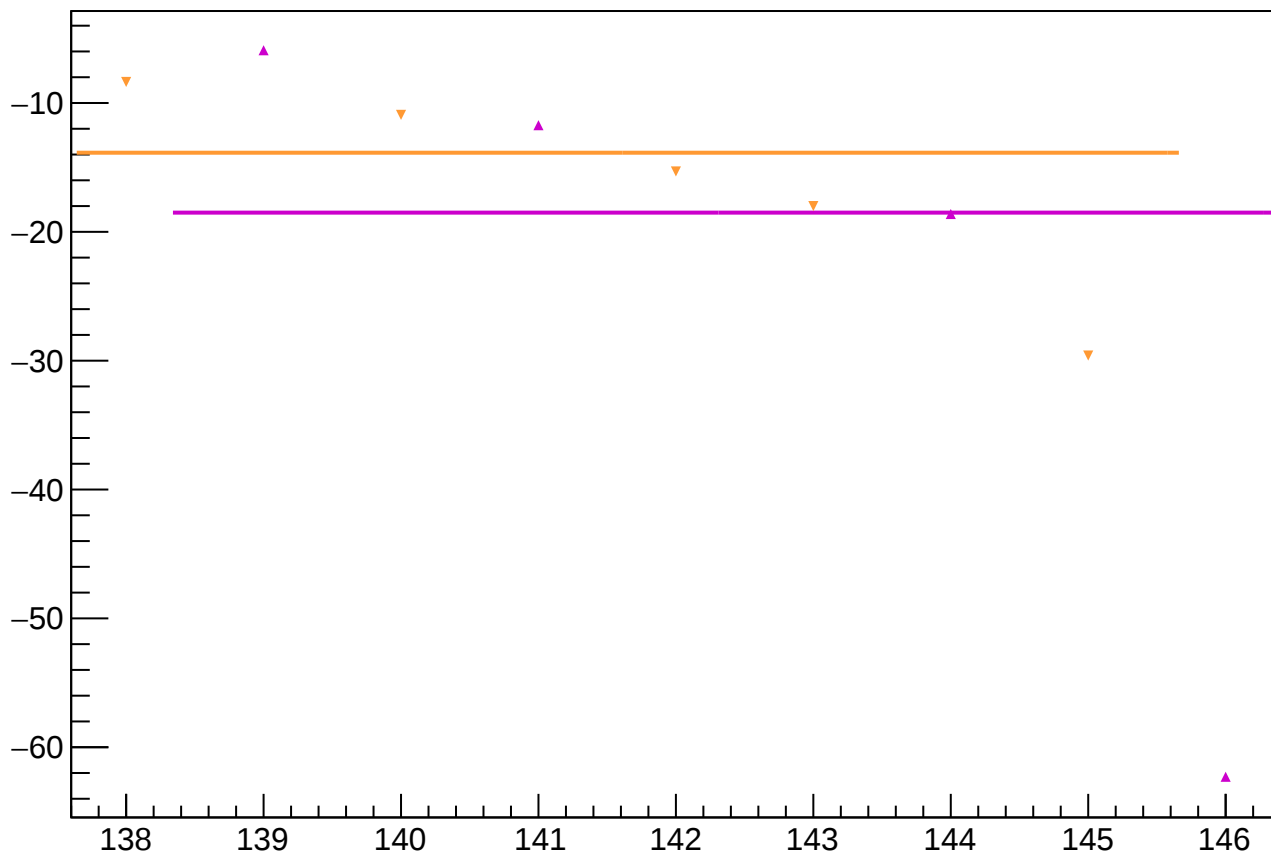
Right: 9.061 ± 0.022 $\chi^2/\text{NDF}: 929542.3/35$

In: -1.139 ± 0.022 $\chi^2/\text{NDF}: 676598.3/20$

Out: -0.277 ± 0.023 $\chi^2/\text{NDF}: 1089636.8/23$

All: -0.730 ± 0.016 $\chi^2/\text{NDF}: 1766997.3/44$

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.858+/-0.118 χ^2/NDF : 3139.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.509+/-0.122 χ^2/NDF : 24338.8/3

Left: -16.114+/-0.085 χ^2/NDF : 28226.1/8

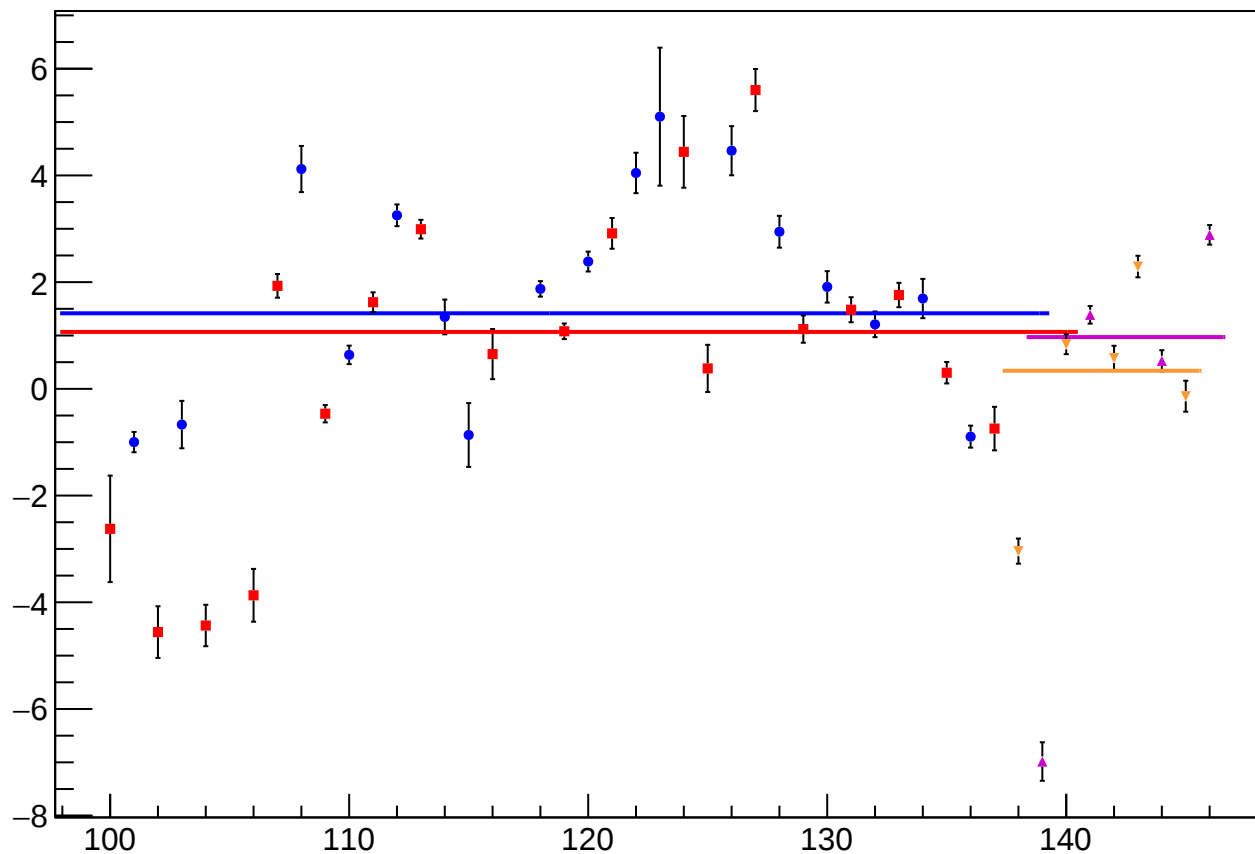
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.509+/-0.122 χ^2/NDF : 24338.8/3

Out: -13.858+/-0.118 χ^2/NDF : 3139.8/4

All: -16.114+/-0.085 χ^2/NDF : 28226.1/8

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.339 ± 0.099 χ^2/NDF : 310.4/4

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.971 ± 0.100 χ^2/NDF : 605.8/3

Left: 0.651 ± 0.070 χ^2/NDF : 936.3/8

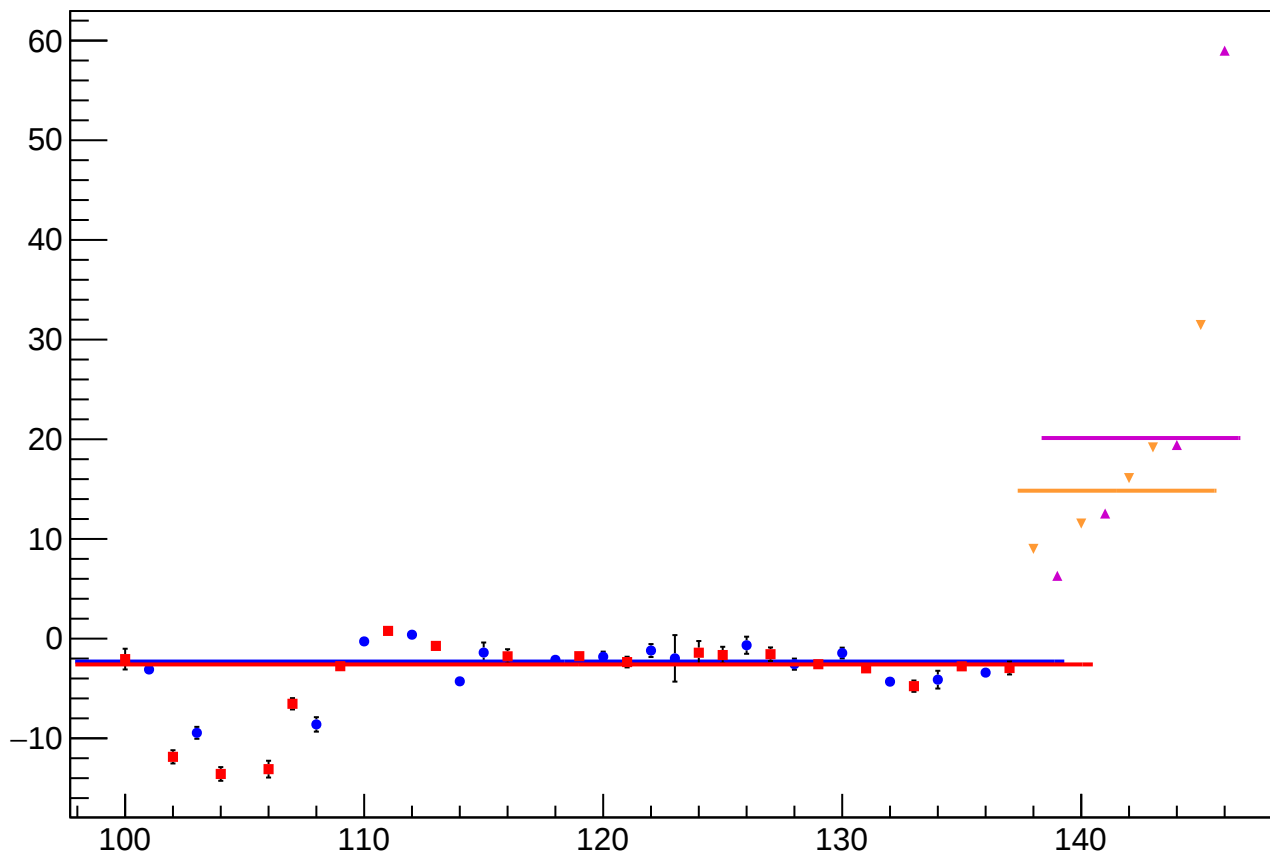
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.295 ± 0.052 χ^2/NDF : 1251.4/20

Out: 0.880 ± 0.050 χ^2/NDF : 1280.6/23

All: 1.079 ± 0.036 χ^2/NDF : 2564.8/44

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: 20.125 ± 0.128 χ^2/NDF : 21872.4/3

Left: 17.453 ± 0.090 χ^2/NDF : 25840.7/8

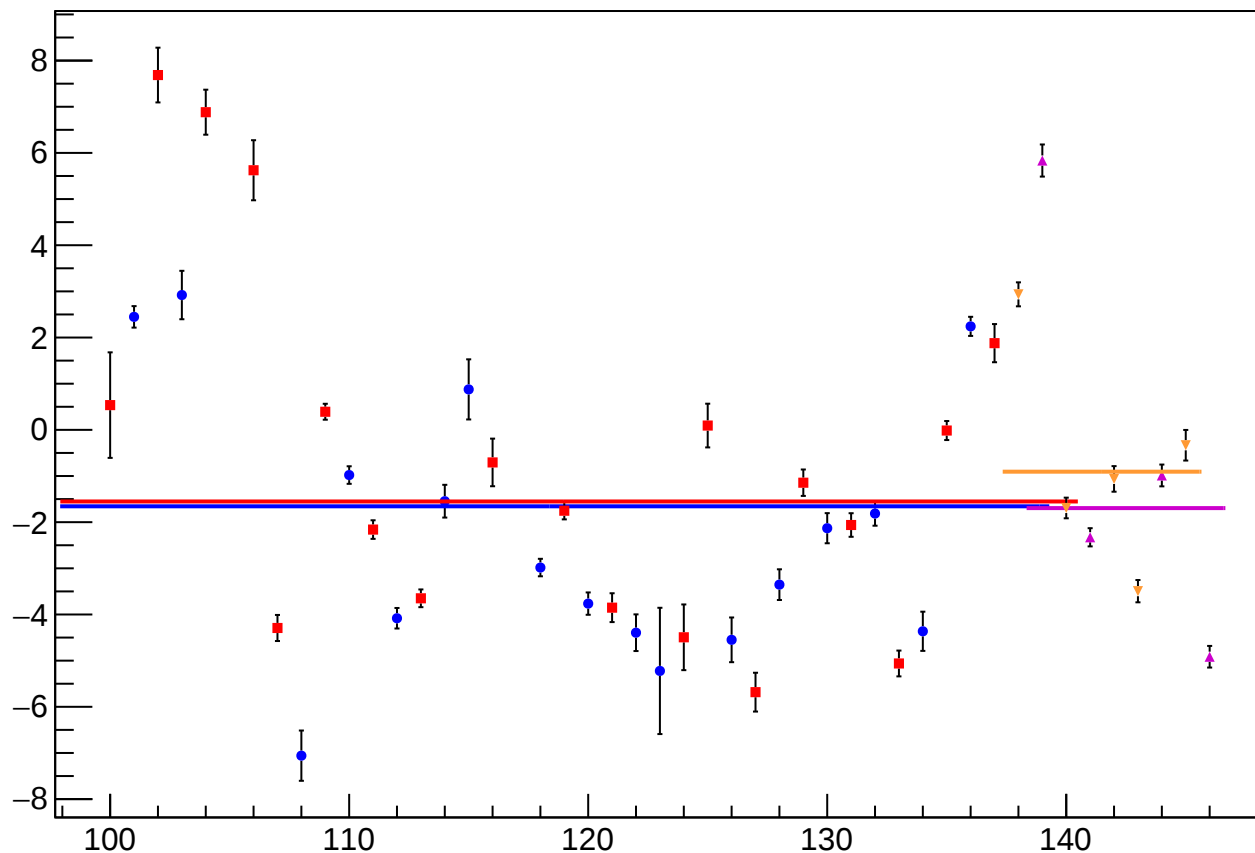
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 7.275 ± 0.084 χ^2/NDF : 39787.8/20

Out: 3.986 ± 0.078 χ^2/NDF : 15736.7/23

All: 5.510 ± 0.057 χ^2/NDF : 56348.7/44

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -0.906 ± 0.116 χ^2/NDF : 349.3/4

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.695 ± 0.119 χ^2/NDF : 676.6/3

Left: -1.290 ± 0.083 χ^2/NDF : 1048.4/8

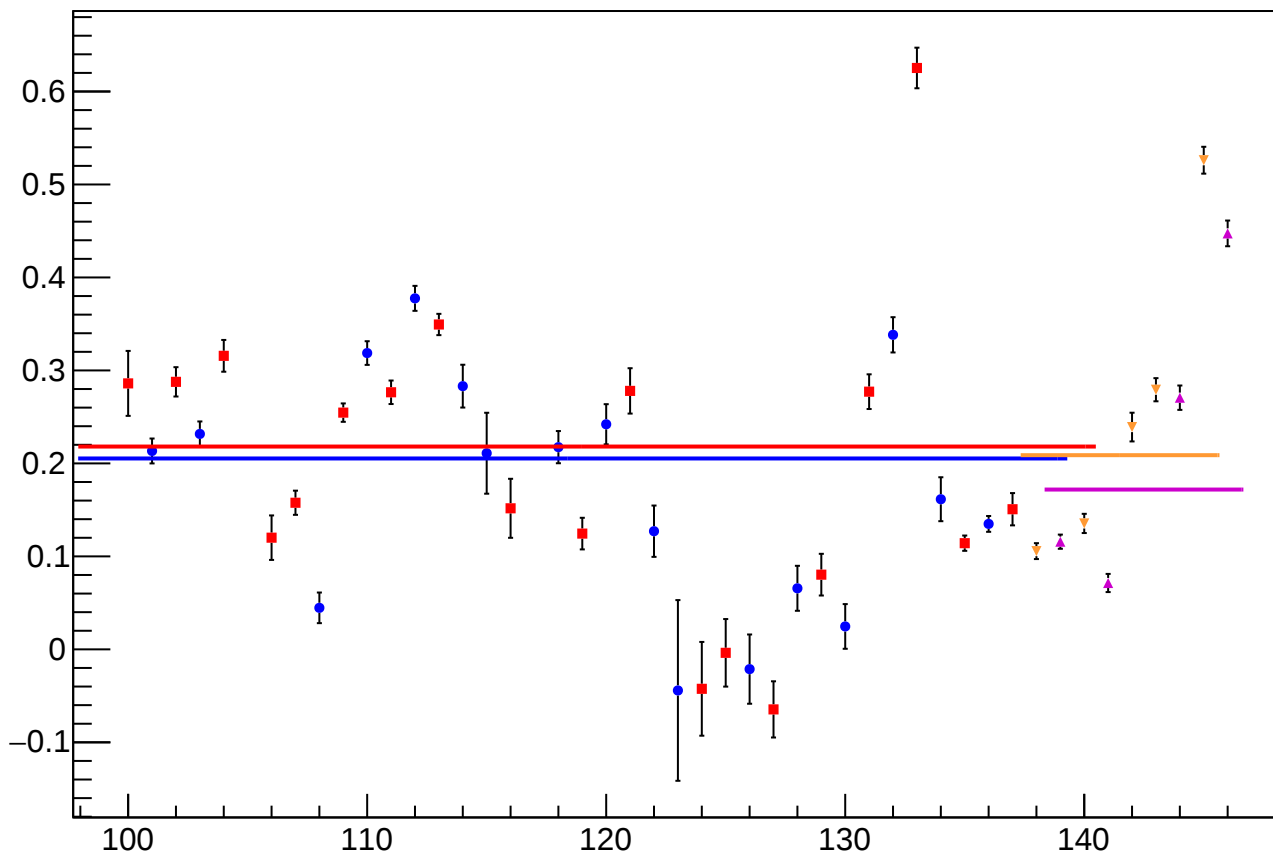
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.666 ± 0.061 χ^2/NDF : 1947.8/20

Out: -1.395 ± 0.057 χ^2/NDF : 1860.8/23

All: -1.523 ± 0.042 χ^2/NDF : 3819.2/44

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: 0.172 $\pm$ 0.005 χ^2 /NDF: 613.7/3

Left: 0.190 $\pm$ 0.004 χ^2 /NDF: 1354.3/8

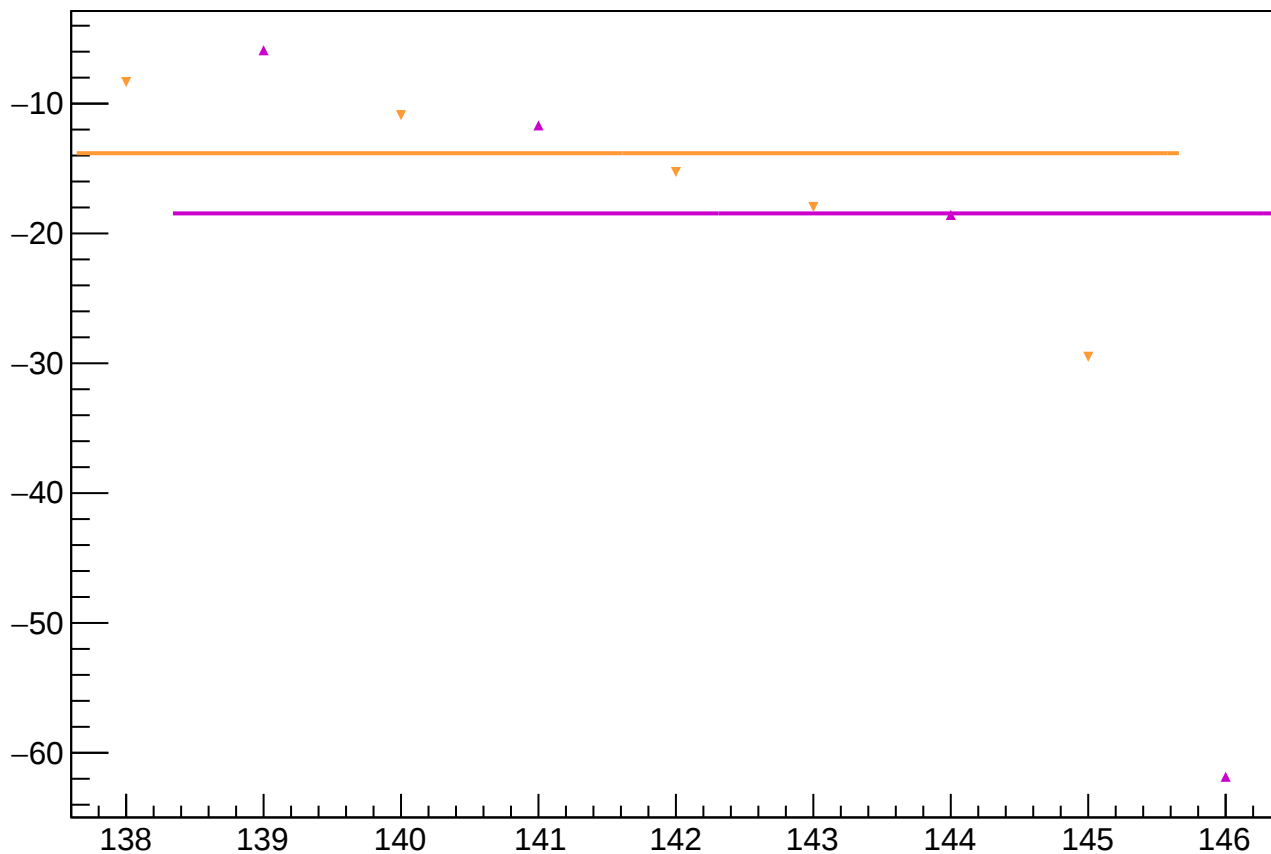
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.192 $\pm$ 0.003 χ^2 /NDF: 1260.2/20

Out: 0.215 $\pm$ 0.003 χ^2 /NDF: 1739.6/23

All: 0.204 $\pm$ 0.002 χ^2 /NDF: 3027.2/44

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.820+/-0.118 χ^2/NDF : 3147.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.456+/-0.121 χ^2/NDF : 24293.2/3

Left: -16.069+/-0.085 χ^2/NDF : 28190.7/8

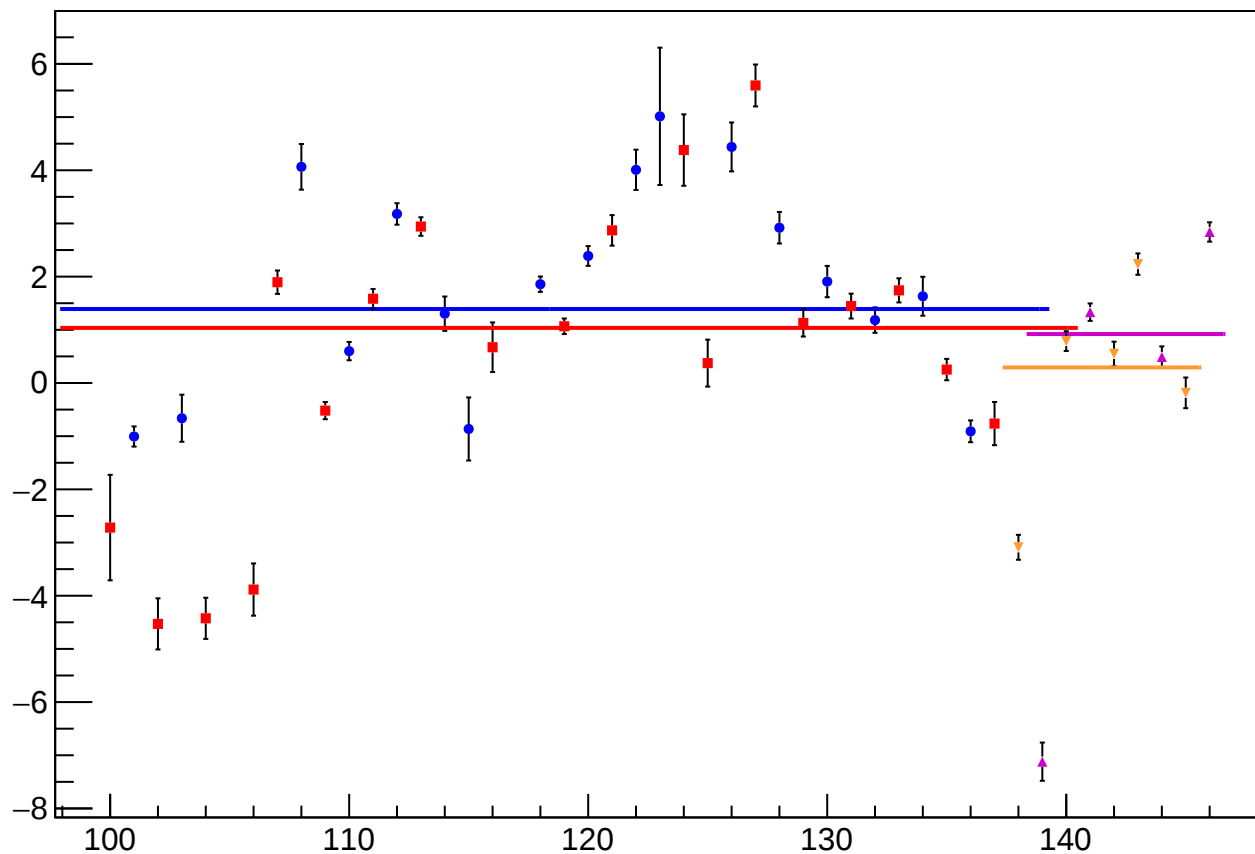
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.456+/-0.121 χ^2/NDF : 24293.2/3

Out: -13.820+/-0.118 χ^2/NDF : 3147.6/4

All: -16.069+/-0.085 χ^2/NDF : 28190.7/8

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 0.292 $\pm$ 0.098 χ^2 /NDF:312.6/4

Right Out: 1.036 $\pm$ 0.058 χ^2 /NDF: 934.2/18

Left In: 0.920 $\pm$ 0.100 χ^2 /NDF:622.3/3

Left: 0.602 $\pm$ 0.070 χ^2 /NDF: 954.9/8

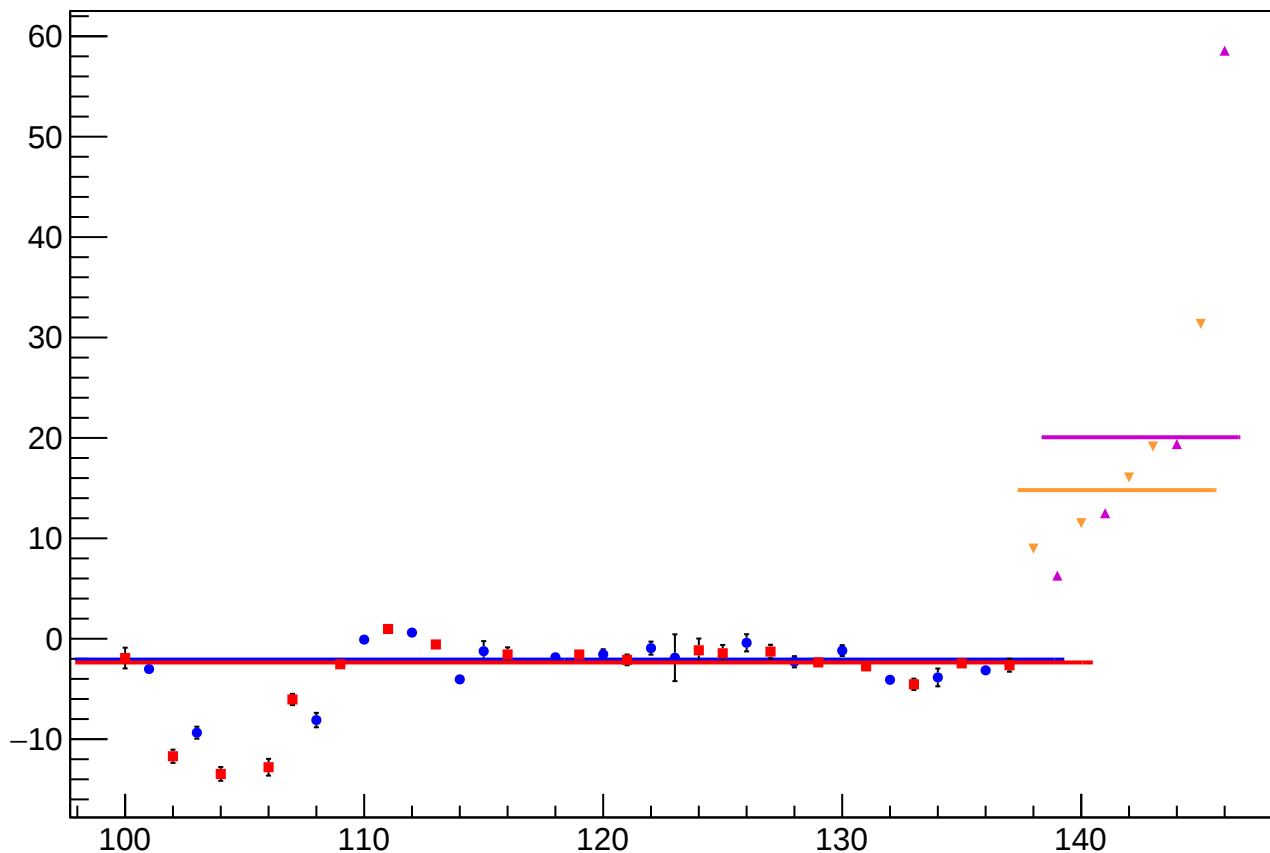
Right: 1.204 $\pm$ 0.042 χ^2 /NDF: 1581.2/35

In: 1.263 $\pm$ 0.052 χ^2 /NDF:1267.7/20

Out: 0.846 $\pm$ 0.050 χ^2 /NDF:1289.2/23

All: 1.046 $\pm$ 0.036 χ^2 /NDF: 2590.5/44

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 $\chi^2/\text{NDF}: 442.3/16$

Left Out: 14.800 ± 0.126 $\chi^2/\text{NDF}: 3120.0/4$

Right Out: -2.362 ± 0.098 $\chi^2/\text{NDF}: 893.4/18$

Left In: 20.066 ± 0.128 $\chi^2/\text{NDF}: 21821.5/3$

Left: 17.404 ± 0.090 $\chi^2/\text{NDF}: 25799.9/8$

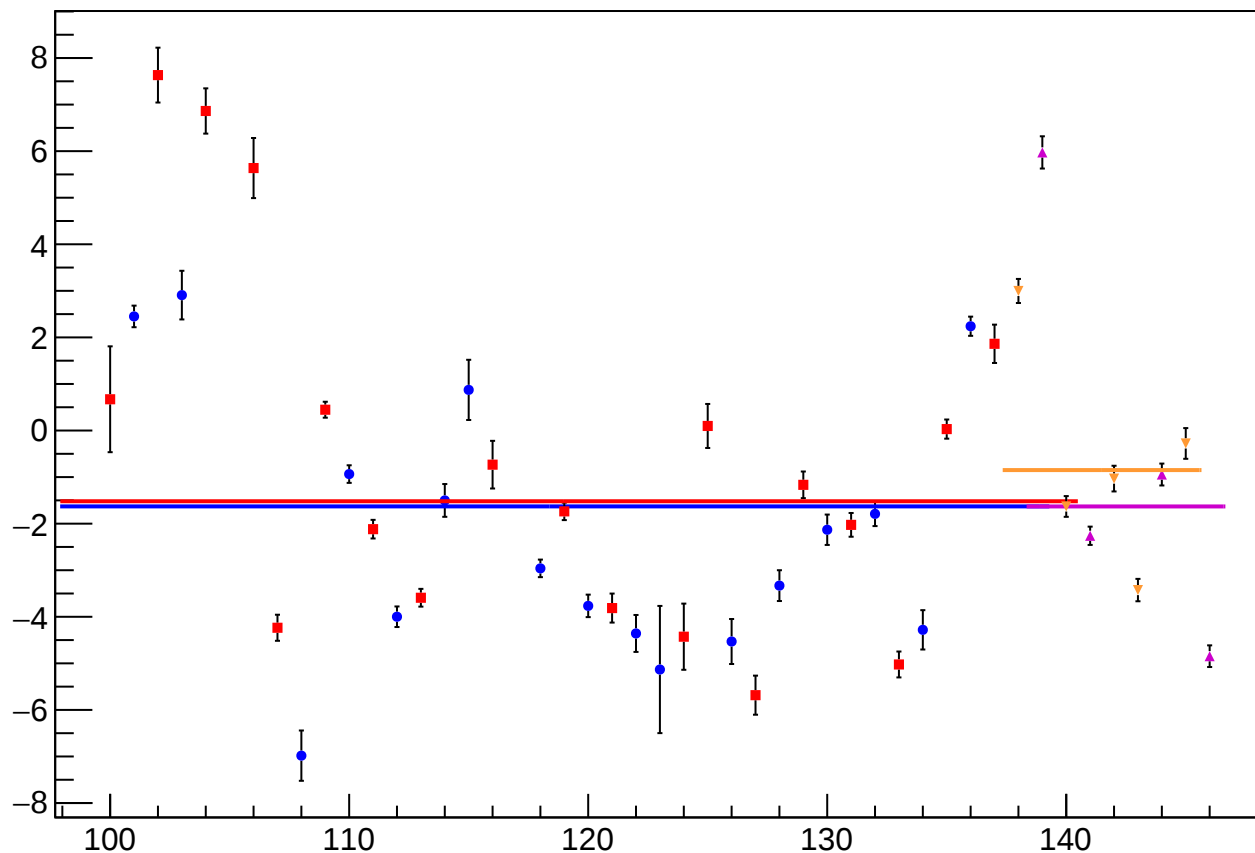
Right: -2.235 ± 0.073 $\chi^2/\text{NDF}: 1339.5/35$

In: 7.377 ± 0.083 $\chi^2/\text{NDF}: 39470.7/20$

Out: 4.105 ± 0.078 $\chi^2/\text{NDF}: 15501.4/23$

All: 5.622 ± 0.057 $\chi^2/\text{NDF}: 55796.0/44$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -0.849 ± 0.116 $\chi^2/\text{NDF}: 351.9/4$

Right Out: -1.519 ± 0.065 $\chi^2/\text{NDF}: 1491.9/18$

Left In: -1.630 ± 0.119 $\chi^2/\text{NDF}: 691.8/3$

Left: -1.229 ± 0.083 $\chi^2/\text{NDF}: 1065.8/8$

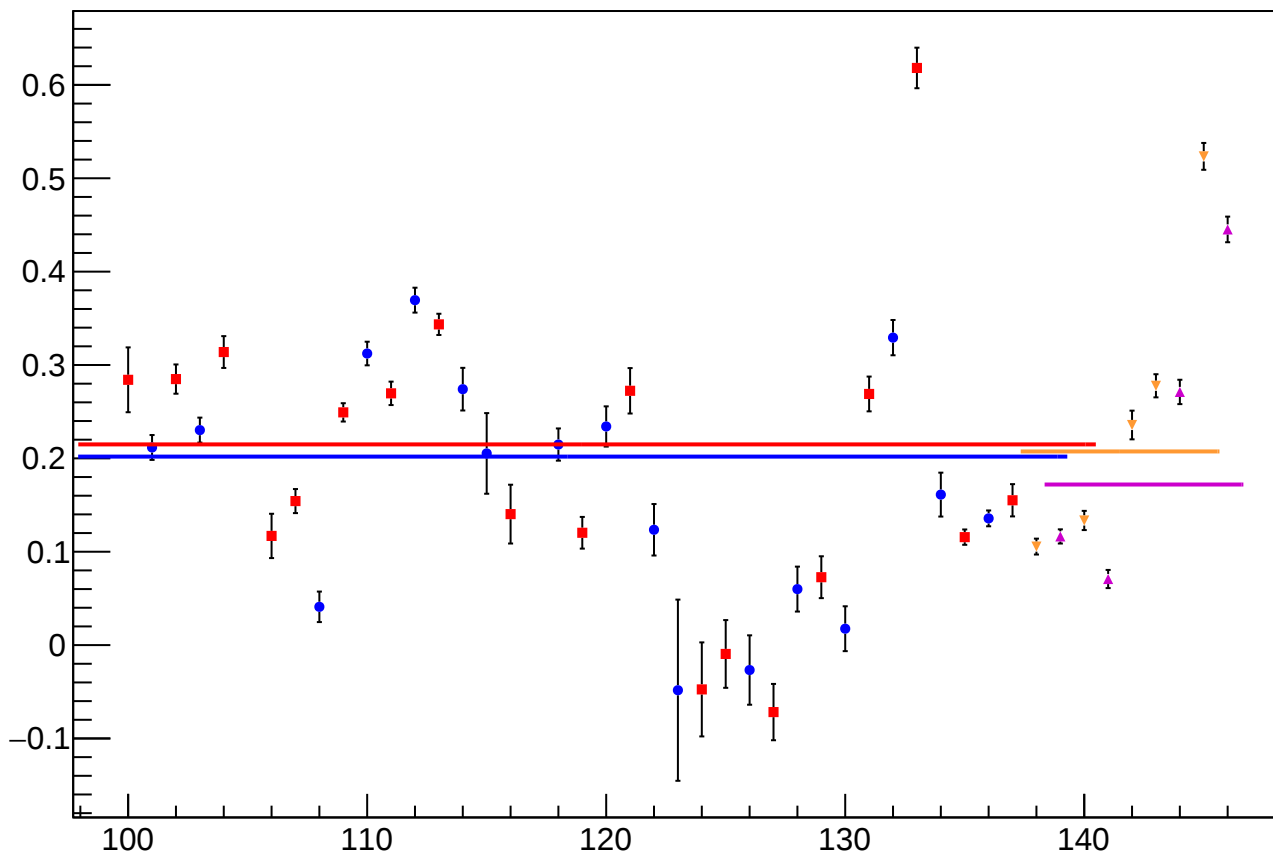
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -1.630 ± 0.060 $\chi^2/\text{NDF}: 1958.1/20$

Out: -1.357 ± 0.057 $\chi^2/\text{NDF}: 1869.2/23$

All: -1.485 ± 0.041 $\chi^2/\text{NDF}: 3838.1/44$

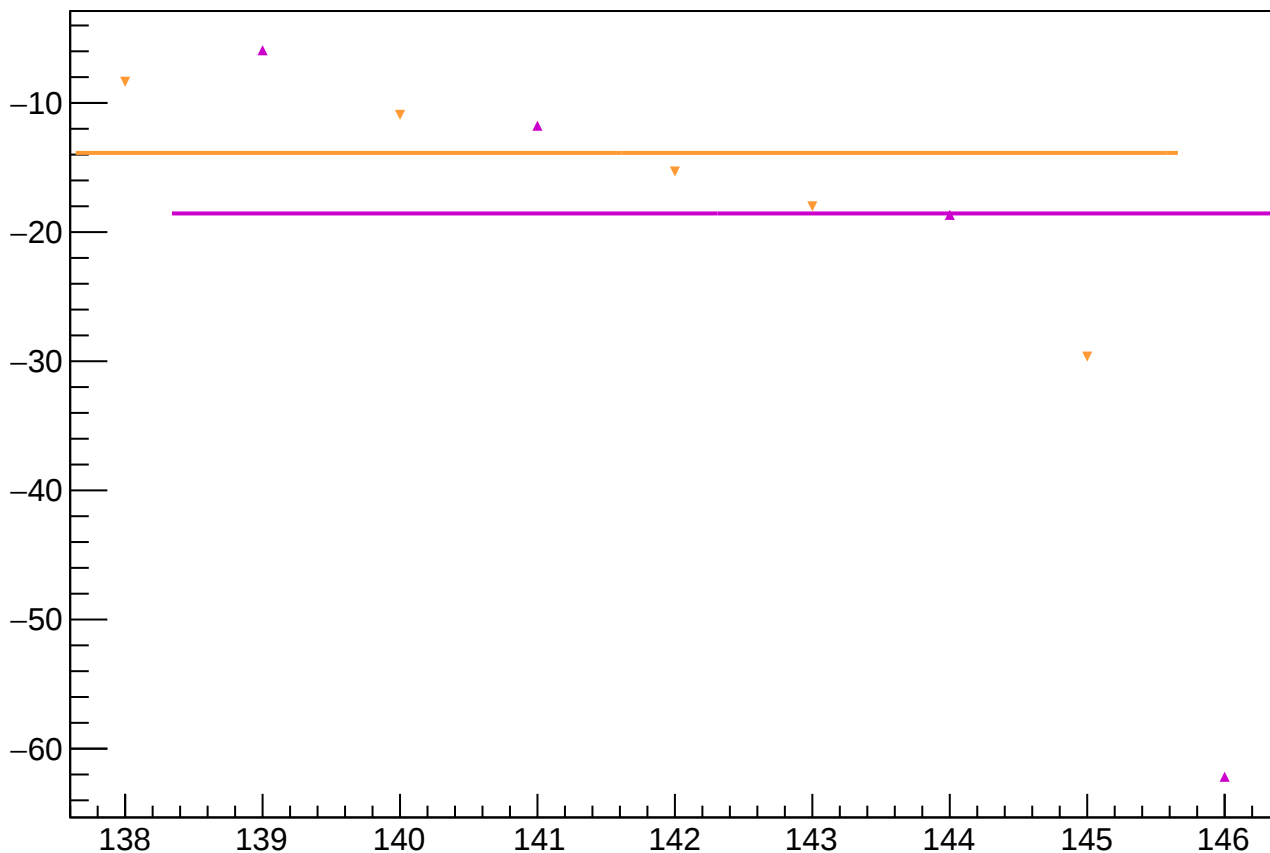
reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202+/-0.004 χ^2/NDF : 604.6/16
 Left Out: 0.207+/-0.005 χ^2/NDF : 713.6/4
 Right Out: 0.215+/-0.004 χ^2/NDF : 1005.6/18
 Left In: 0.172+/-0.005 χ^2/NDF : 615.8/3

Left: 0.190+/-0.004 χ^2/NDF : 1353.9/8
 Right: 0.209+/-0.003 χ^2/NDF : 1615.8/35
 In: 0.190+/-0.003 χ^2/NDF : 1241.5/20
 Out: 0.212+/-0.003 χ^2/NDF : 1720.6/23
 All: 0.202+/-0.002 χ^2/NDF : 2988.5/44

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



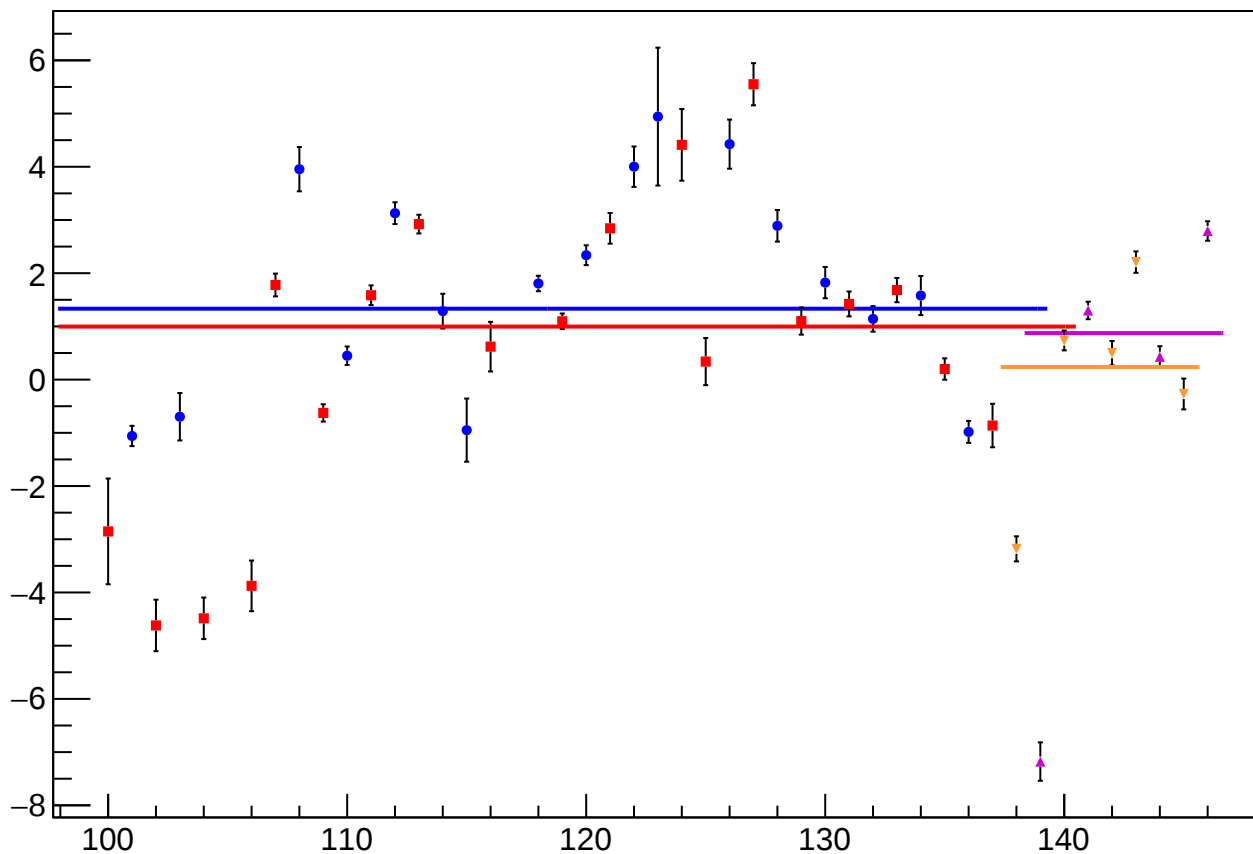
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.868+/-0.118 χ^2/NDF : 3152.3/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.556+/-0.122 χ^2/NDF : 24326.5/3

Left: -16.142+/-0.085 χ^2/NDF : 28238.9/8
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.556+/-0.122 χ^2/NDF : 24326.5/3
 Out: -13.868+/-0.118 χ^2/NDF : 3152.3/4

All: -16.142+/-0.085 χ^2/NDF : 28238.9/8

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.238 ± 0.099 χ^2/NDF : 317.4/4

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.875 ± 0.100 χ^2/NDF : 618.8/3

Left: 0.552 ± 0.070 χ^2/NDF : 956.6/8

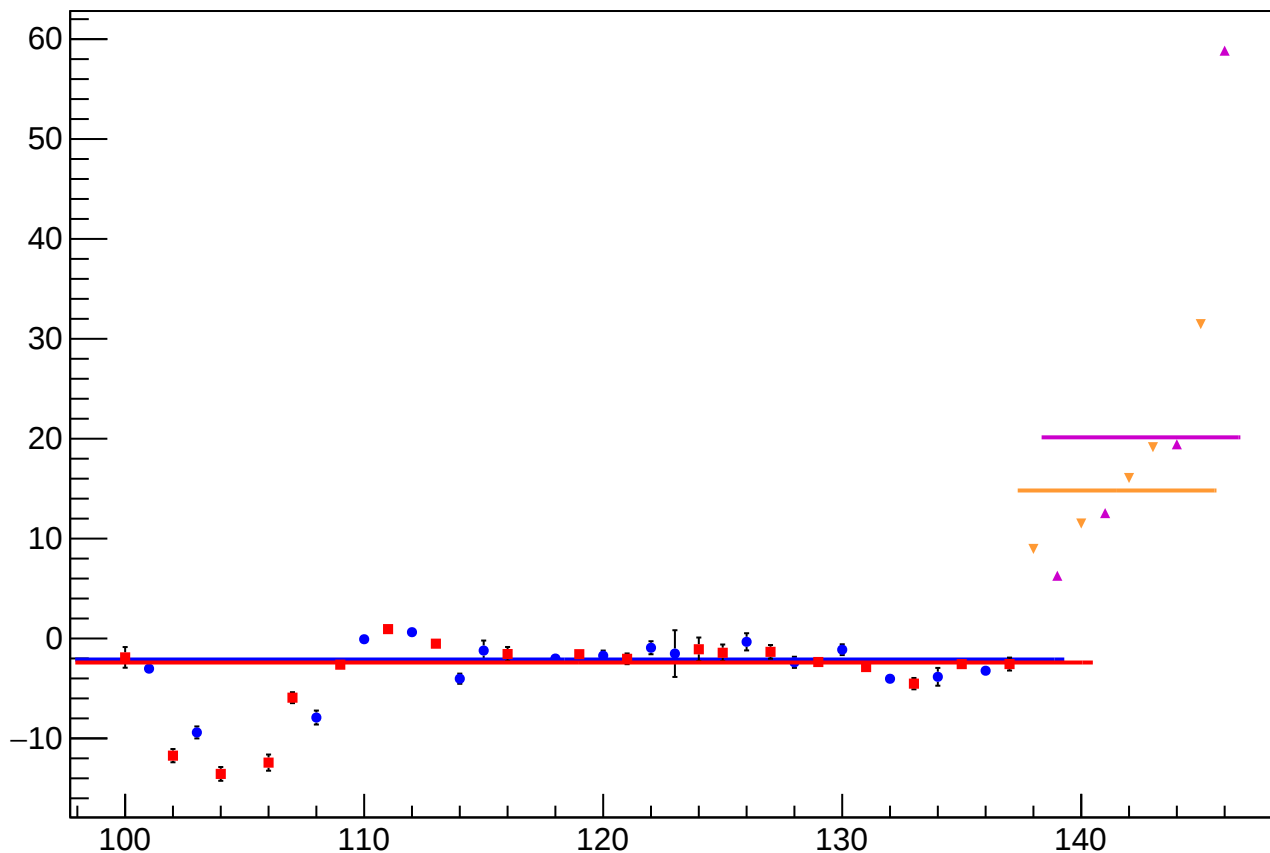
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.208 ± 0.052 χ^2/NDF : 1268.6/20

Out: 0.803 ± 0.050 χ^2/NDF : 1306.6/23

All: 0.997 ± 0.036 χ^2/NDF : 2606.6/44

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: 20.137 ± 0.128 χ^2/NDF : 21854.9/3

Left: 17.447 ± 0.090 χ^2/NDF : 25846.0/8

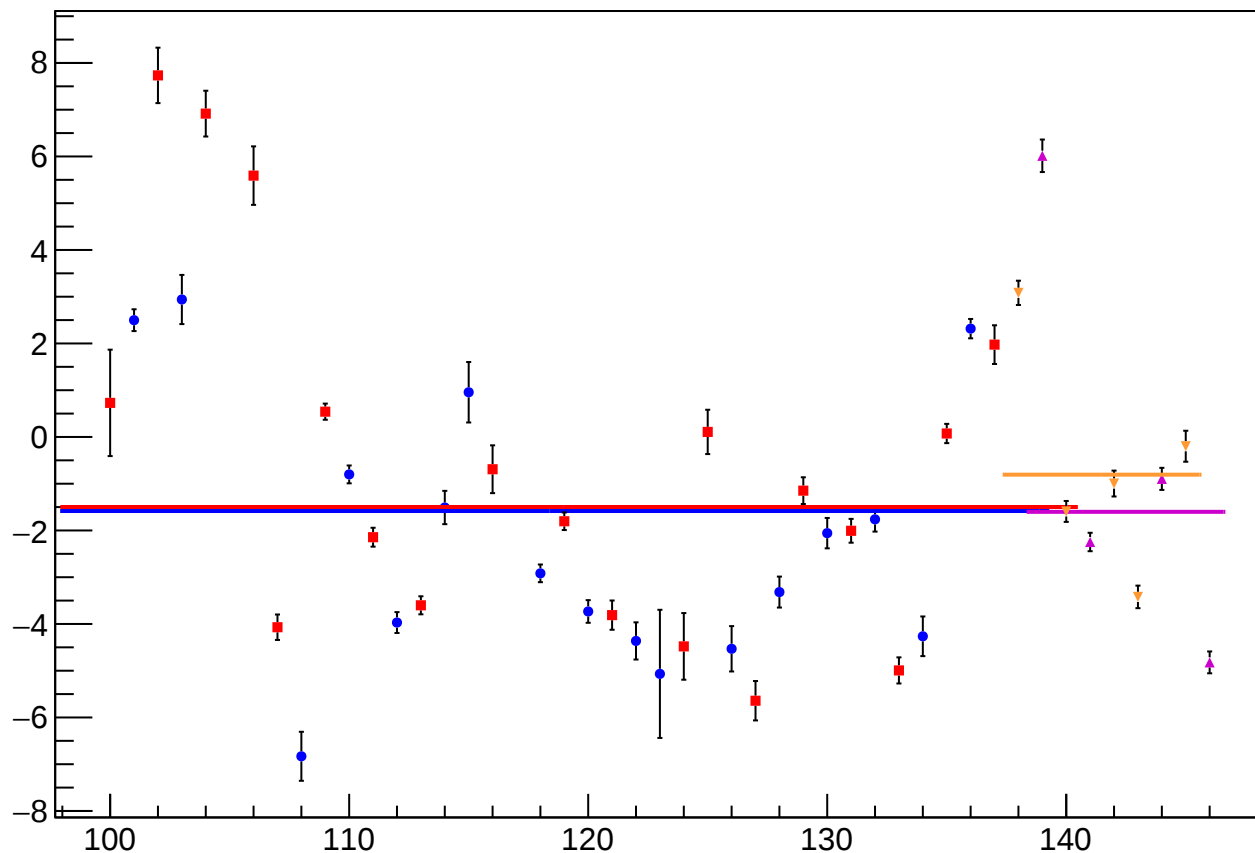
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 7.401 ± 0.084 χ^2/NDF : 39490.7/20

Out: 4.088 ± 0.078 χ^2/NDF : 15468.1/23

All: 5.623 ± 0.057 χ^2/NDF : 55795.8/44

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: -1.602 ± 0.119 $\chi^2/\text{NDF}: 688.6/3$

Left: -1.193 ± 0.083 $\chi^2/\text{NDF}: 1069.0/8$

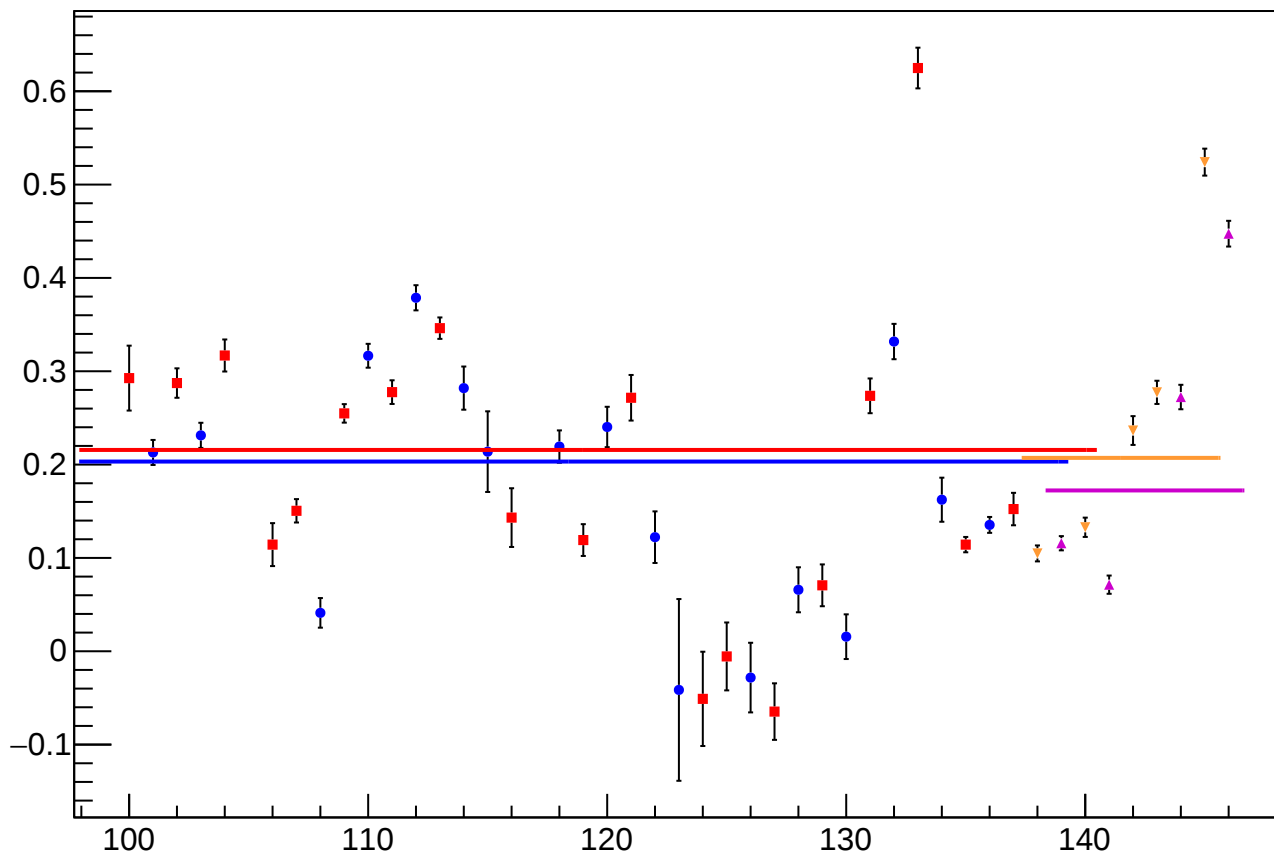
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.589 ± 0.061 $\chi^2/\text{NDF}: 1960.8/20$

Out: -1.331 ± 0.057 $\chi^2/\text{NDF}: 1888.1/23$

All: -1.452 ± 0.042 $\chi^2/\text{NDF}: 3858.5/44$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.207 $\pm$ 0.005 χ^2 /NDF: 711.6/4

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF: 618.1/3

Left: 0.190 $\pm$ 0.004 χ^2 /NDF: 1353.2/8

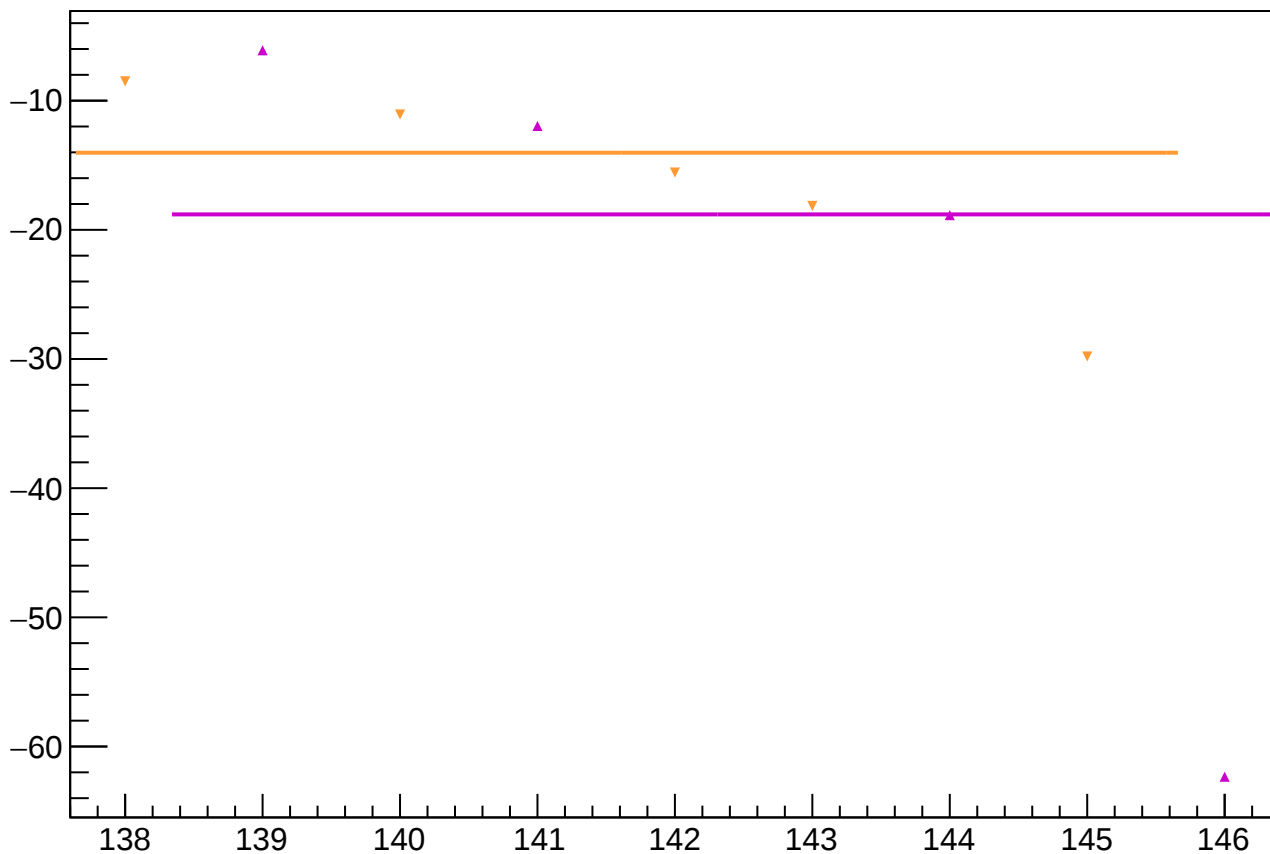
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.191 $\pm$ 0.003 χ^2 /NDF: 1273.3/20

Out: 0.213 $\pm$ 0.003 χ^2 /NDF: 1751.3/23

All: 0.203 $\pm$ 0.002 χ^2 /NDF: 3049.5/44

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.029+/-0.120 χ^2/NDF : 3111.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.804+/-0.123 χ^2/NDF : 23972.1/3

Left: -16.345+/-0.086 χ^2/NDF : 27857.7/8

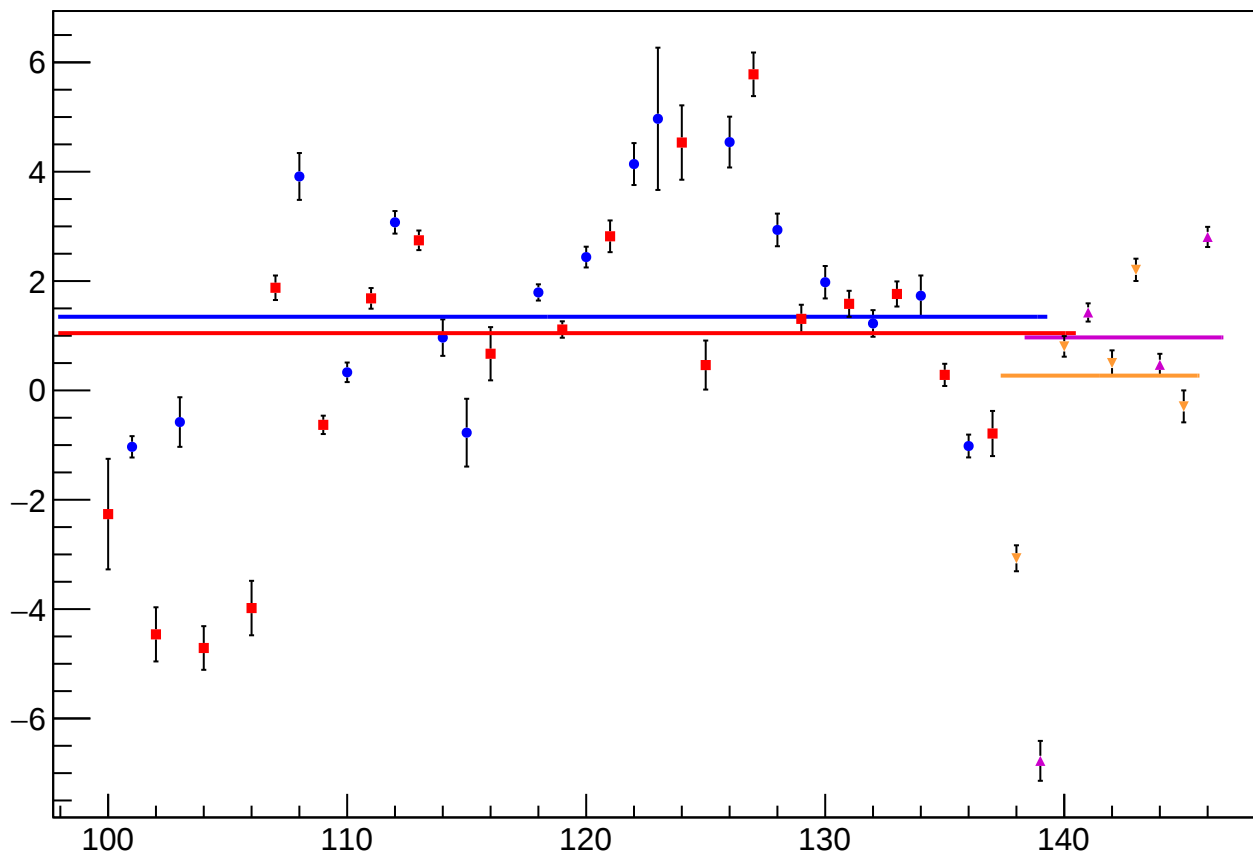
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.804+/-0.123 χ^2/NDF : 23972.1/3

Out: -14.029+/-0.120 χ^2/NDF : 3111.9/4

All: -16.345+/-0.086 χ^2/NDF : 27857.7/8

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 0.271 $\pm$ 0.100 χ^2 /NDF:300.5/4

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 0.969 $\pm$ 0.101 χ^2 /NDF:563.7/3

Left: 0.615 $\pm$ 0.071 χ^2 /NDF: 888.4/8

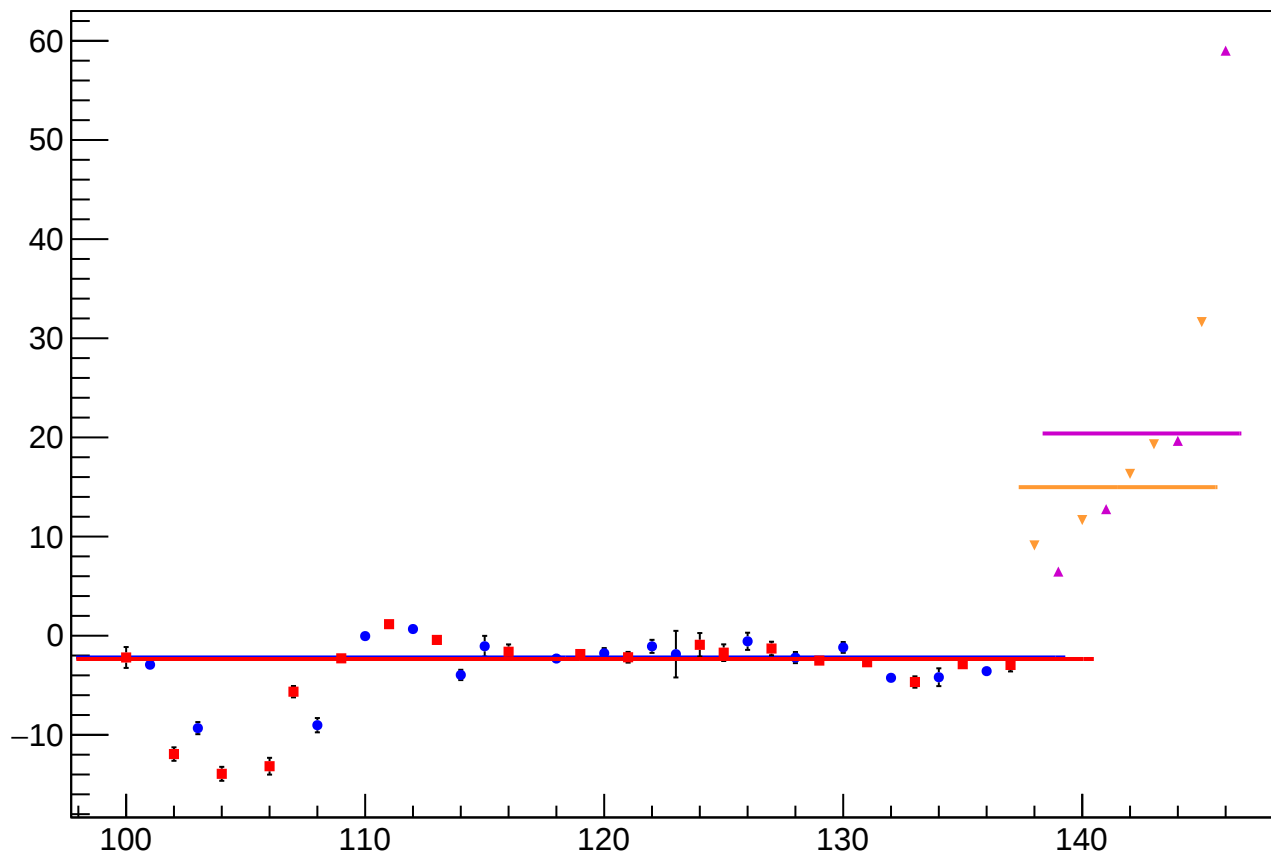
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.243 $\pm$ 0.053 χ^2 /NDF:1204.0/20

Out: 0.845 $\pm$ 0.051 χ^2 /NDF:1261.4/23

All: 1.036 $\pm$ 0.037 χ^2 /NDF: 2494.6/44

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: 20.398 ± 0.130 $\chi^2/\text{NDF}: 21517.1/3$

Left: 17.660 ± 0.091 $\chi^2/\text{NDF}: 25482.4/8$

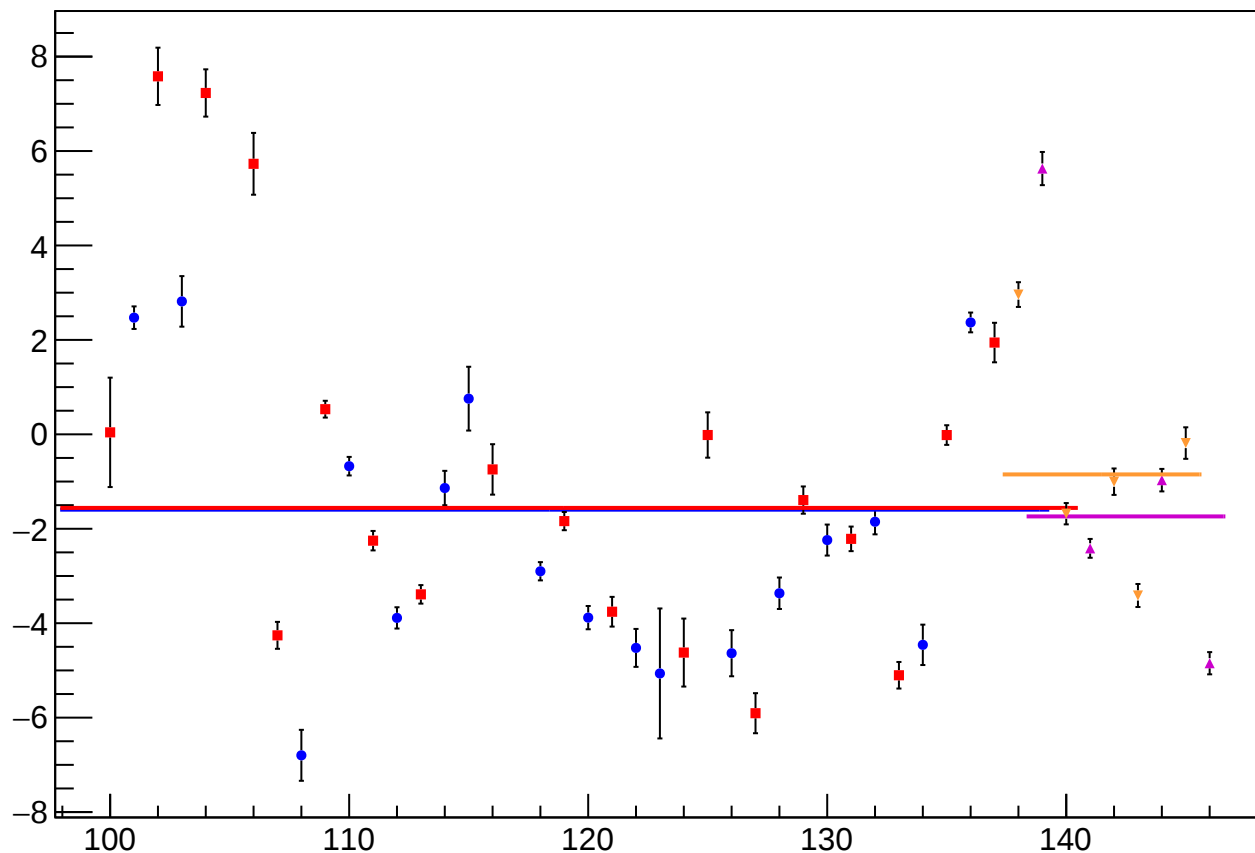
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 7.548 ± 0.085 $\chi^2/\text{NDF}: 39263.5/20$

Out: 4.283 ± 0.079 $\chi^2/\text{NDF}: 15285.6/23$

All: 5.799 ± 0.058 $\chi^2/\text{NDF}: 55337.6/44$

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: -1.738 ± 0.120 χ^2/NDF : 635.8/3

Left: -1.282 ± 0.084 χ^2/NDF : 1003.4/8

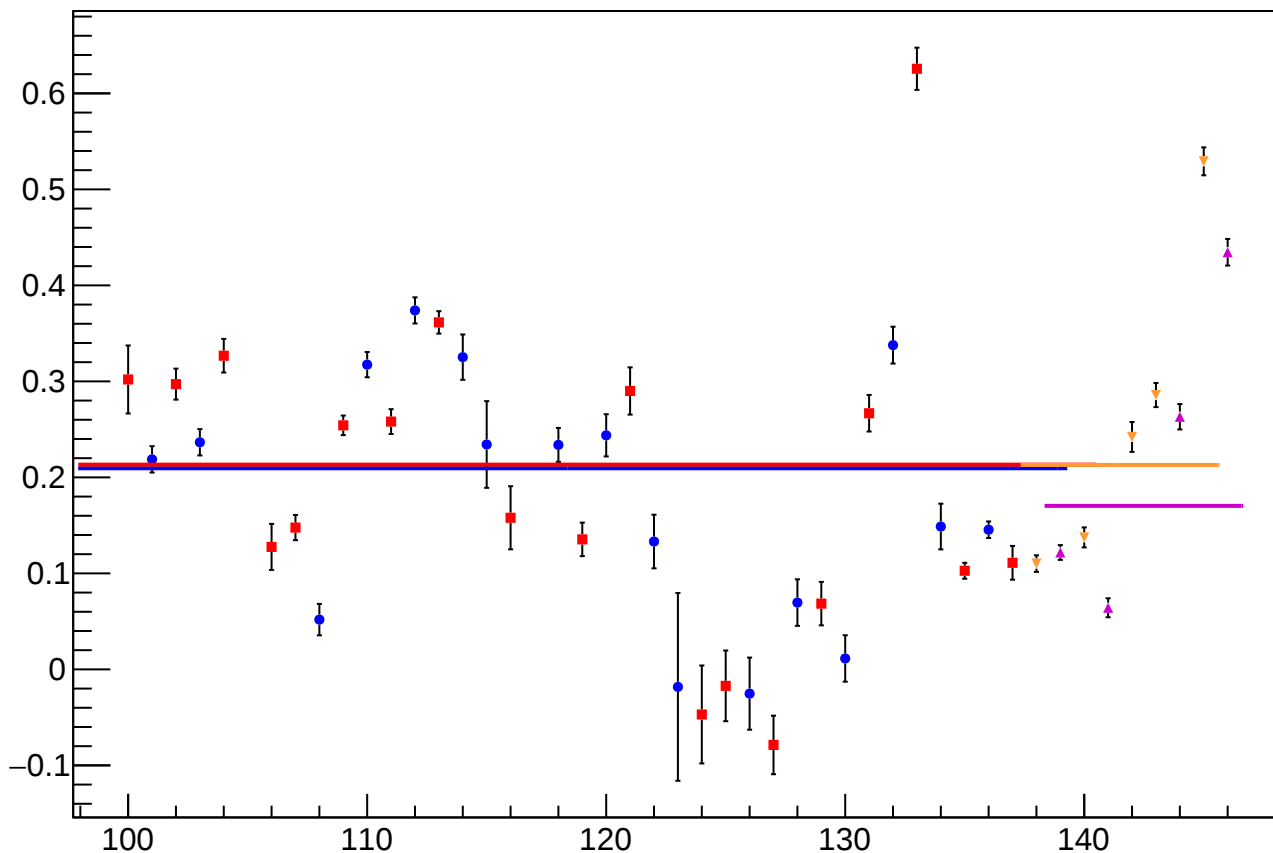
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.633 ± 0.062 χ^2/NDF : 1892.3/20

Out: -1.384 ± 0.058 χ^2/NDF : 1831.0/23

All: -1.501 ± 0.042 χ^2/NDF : 3731.9/44

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: 0.170 ± 0.005 $\chi^2/\text{NDF}: 566.7/3$

Left: 0.192 ± 0.004 $\chi^2/\text{NDF}: 1305.2/8$

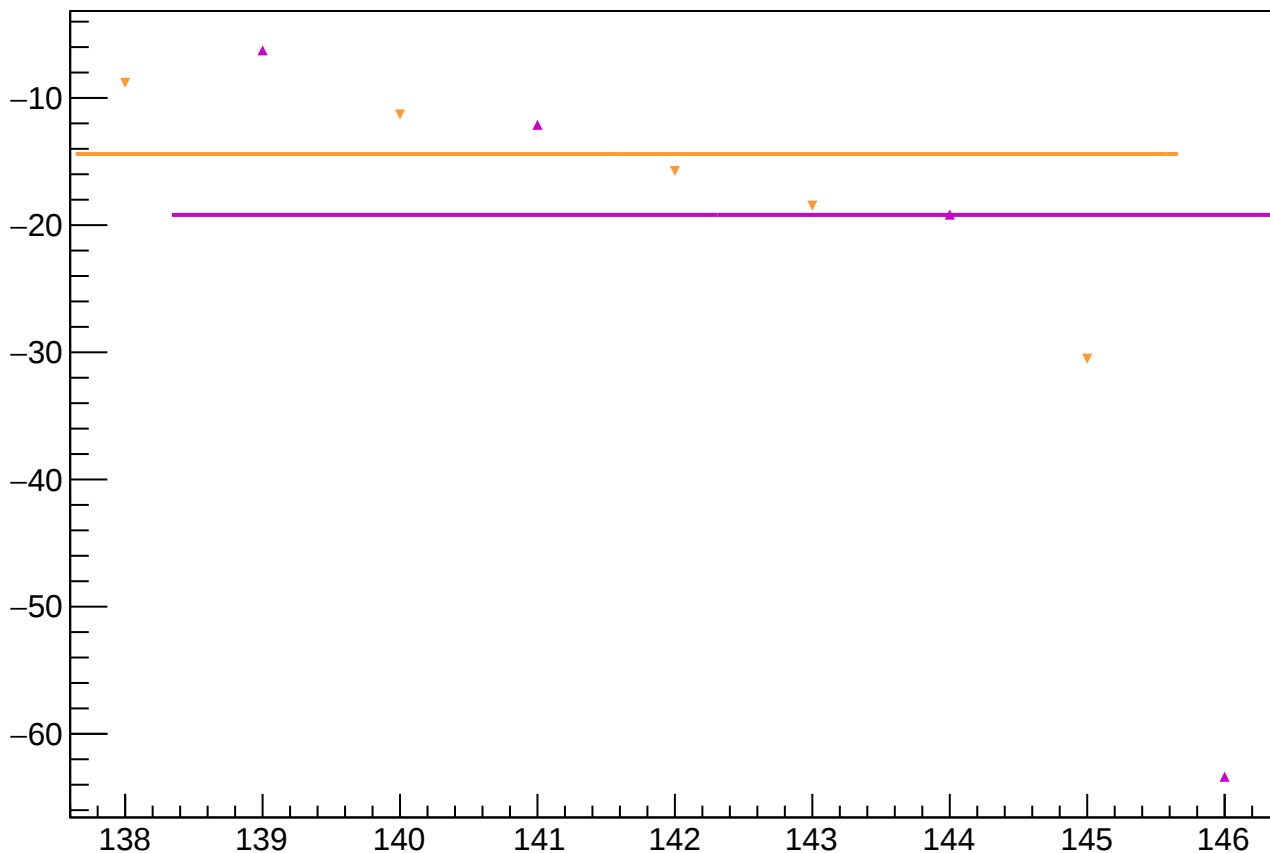
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1701.4/35$

In: 0.194 ± 0.003 $\chi^2/\text{NDF}: 1199.3/20$

Out: 0.213 ± 0.003 $\chi^2/\text{NDF}: 1807.3/23$

All: 0.204 ± 0.002 $\chi^2/\text{NDF}: 3025.6/44$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.406+/-0.122 χ^2/NDF : 3097.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.197+/-0.126 χ^2/NDF : 23921.8/3

Left: -16.733+/-0.088 χ^2/NDF : 27767.2/8

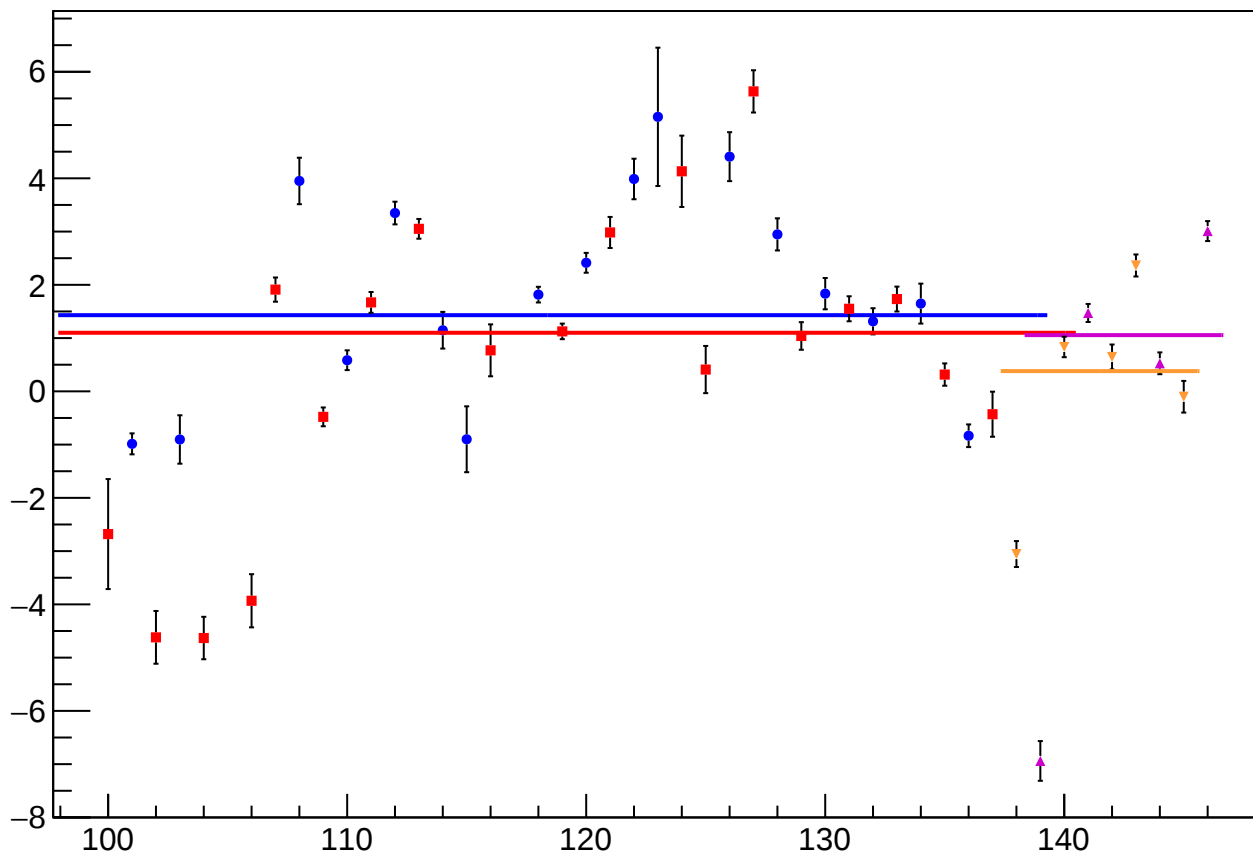
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.197+/-0.126 χ^2/NDF : 23921.8/3

Out: -14.406+/-0.122 χ^2/NDF : 3097.7/4

All: -16.733+/-0.088 χ^2/NDF : 27767.2/8

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 0.380 ± 0.102 $\chi^2/\text{NDF}: 300.3/4$

Right Out: 1.100 ± 0.060 $\chi^2/\text{NDF}: 901.0/18$

Left In: 1.056 ± 0.103 $\chi^2/\text{NDF}: 581.0/3$

Left: 0.714 ± 0.072 $\chi^2/\text{NDF}: 903.1/8$

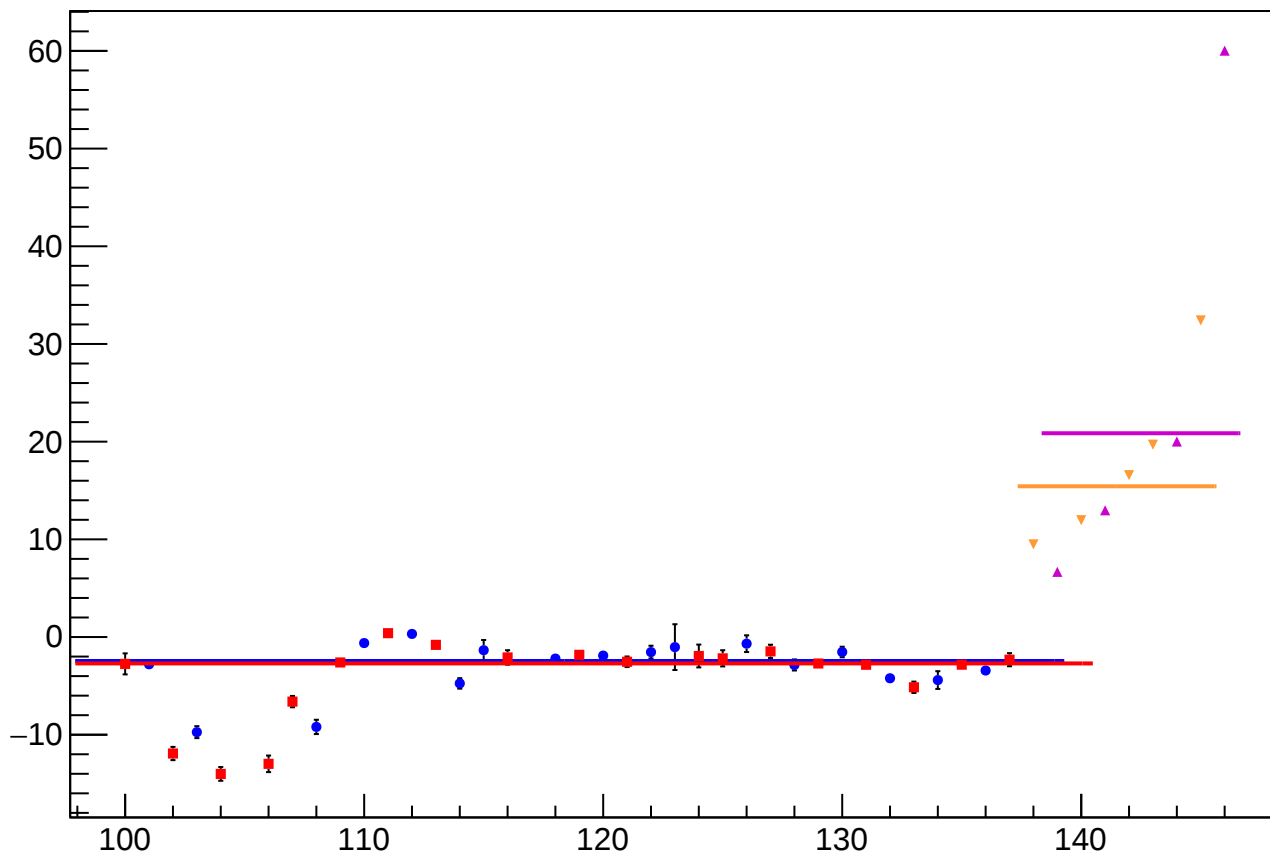
Right: 1.257 ± 0.043 $\chi^2/\text{NDF}: 1513.6/35$

In: 1.329 ± 0.054 $\chi^2/\text{NDF}: 1188.7/20$

Out: 0.914 ± 0.052 $\chi^2/\text{NDF}: 1238.5/23$

All: 1.114 ± 0.037 $\chi^2/\text{NDF}: 2458.2/44$

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: 20.862 ± 0.132 χ^2/NDF : 21455.7/3

Left: 18.121 ± 0.093 χ^2/NDF : 25375.8/8

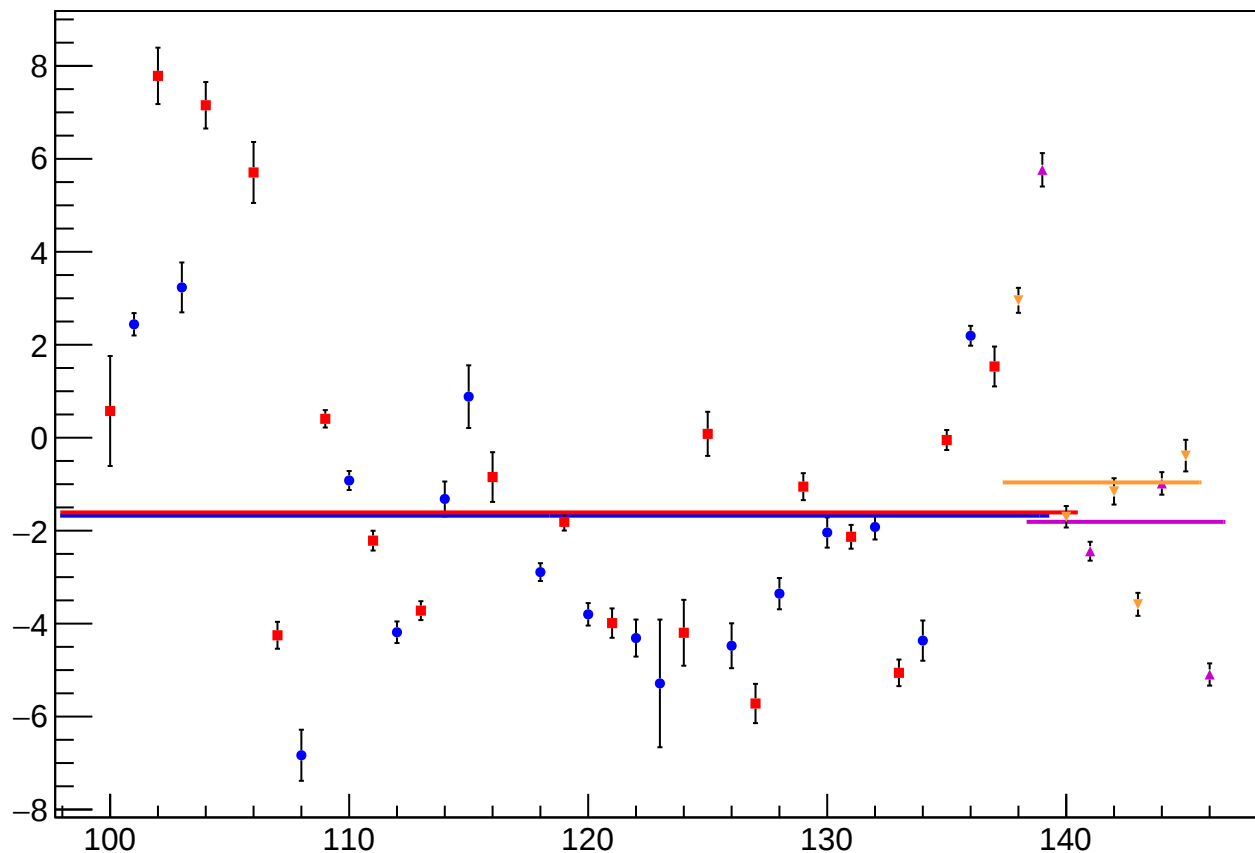
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 7.548 ± 0.087 χ^2/NDF : 39649.5/20

Out: 4.242 ± 0.081 χ^2/NDF : 15743.1/23

All: 5.785 ± 0.059 χ^2/NDF : 56170.6/44

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -0.962 ± 0.119 χ^2/NDF : 338.4/4

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.810 ± 0.123 χ^2/NDF : 654.4/3

Left: -1.375 ± 0.086 χ^2/NDF : 1017.3/8

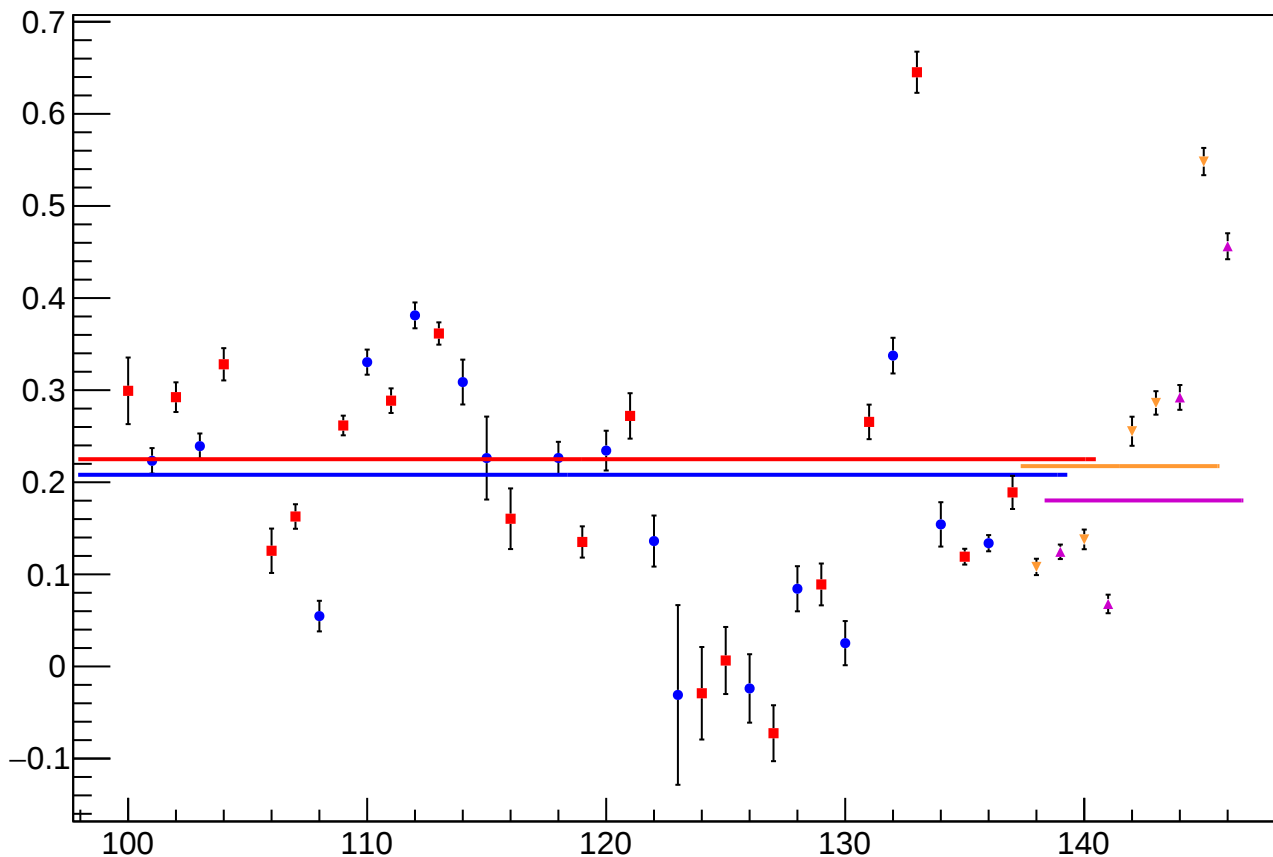
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.711 ± 0.062 χ^2/NDF : 1860.0/20

Out: -1.450 ± 0.059 χ^2/NDF : 1791.2/23

All: -1.573 ± 0.043 χ^2/NDF : 3660.4/44

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: 0.180 $\pm$ 0.005 χ^2 /NDF: 626.8/3

Left: 0.199 $\pm$ 0.004 χ^2 /NDF: 1394.0/8

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.197 $\pm$ 0.003 χ^2 /NDF: 1244.0/20

Out: 0.222 $\pm$ 0.003 χ^2 /NDF: 1743.4/23

All: 0.211 $\pm$ 0.002 χ^2 /NDF: 3019.0/44