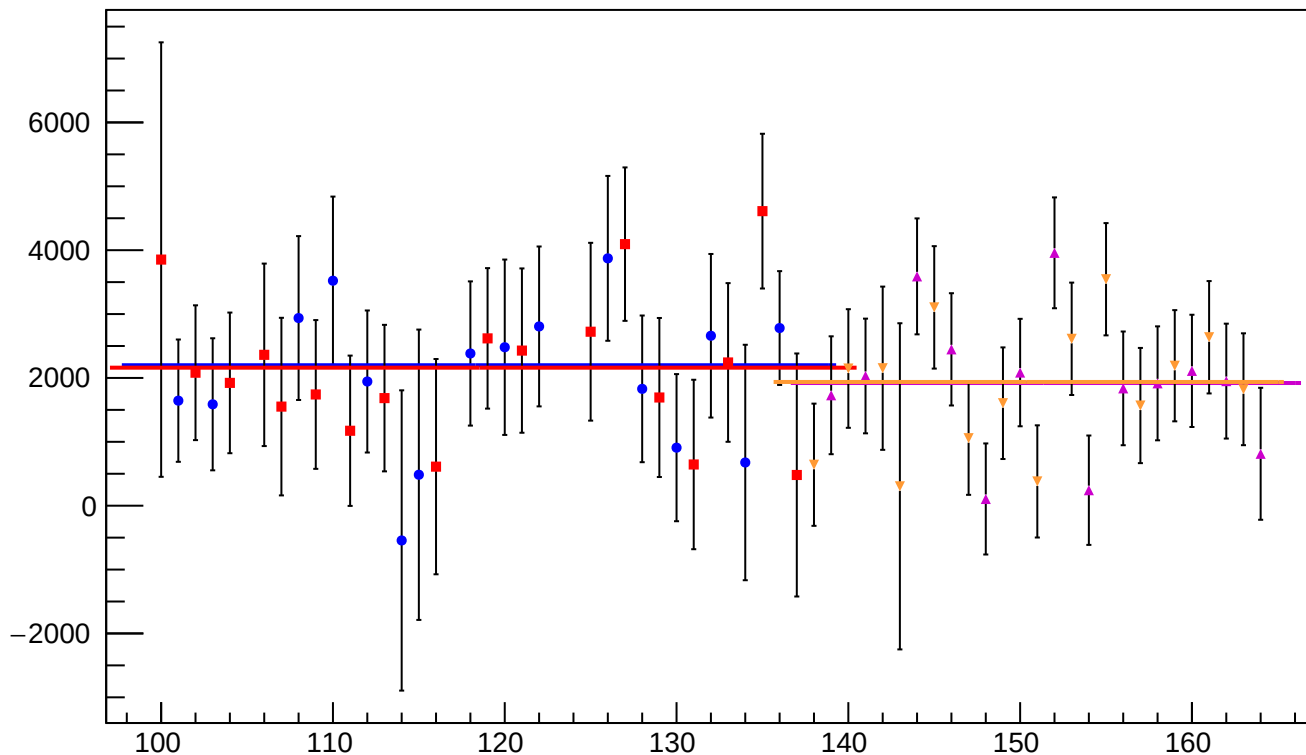


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1936.988+/-252.229

Right Out: 2160.742+/-303.587

Left In: 1920.559+/-247.381

χ^2/NDF : 8.6/15

χ^2/NDF : 12.9/13

χ^2/NDF : 11.7/17

χ^2/NDF : 18.8/12

Left: 1928.614+/-176.614

Right: 2179.612+/-215.784

In: 2030.232+/-192.568

Out: 2028.365+/-194.007

All: 2029.305+/-136.672

χ^2/NDF : 31.7/26

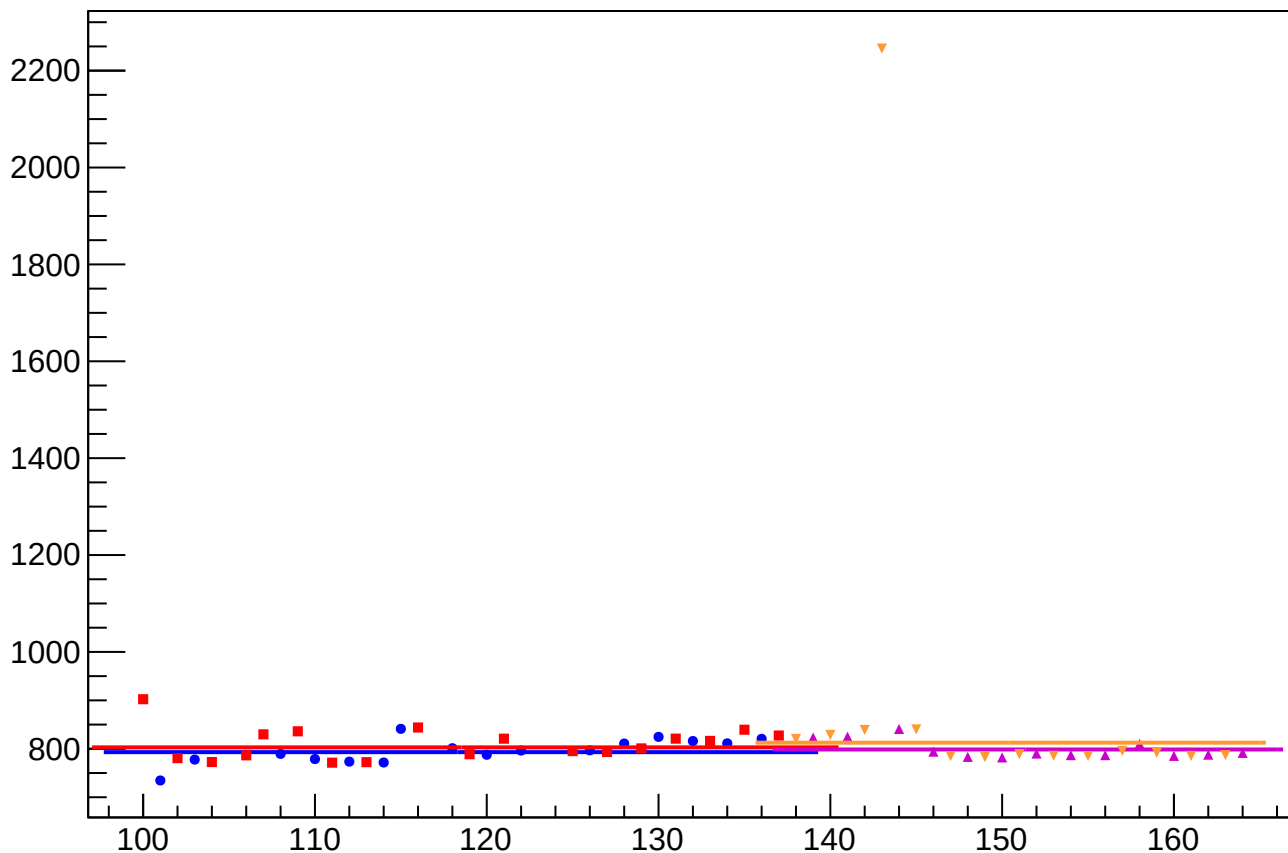
χ^2/NDF : 20.3/33

χ^2/NDF : 27.9/28

χ^2/NDF : 24.9/31

χ^2/NDF : 52.8/60

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 812.664 $\pm$ 0.178 χ^2 /NDF: 648336.1/13

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

Left In: 798.593 $\pm$ 0.175 χ^2 /NDF: 11017.6/12

Left: 805.492 $\pm$ 0.125 χ^2 /NDF: 662526.4/26

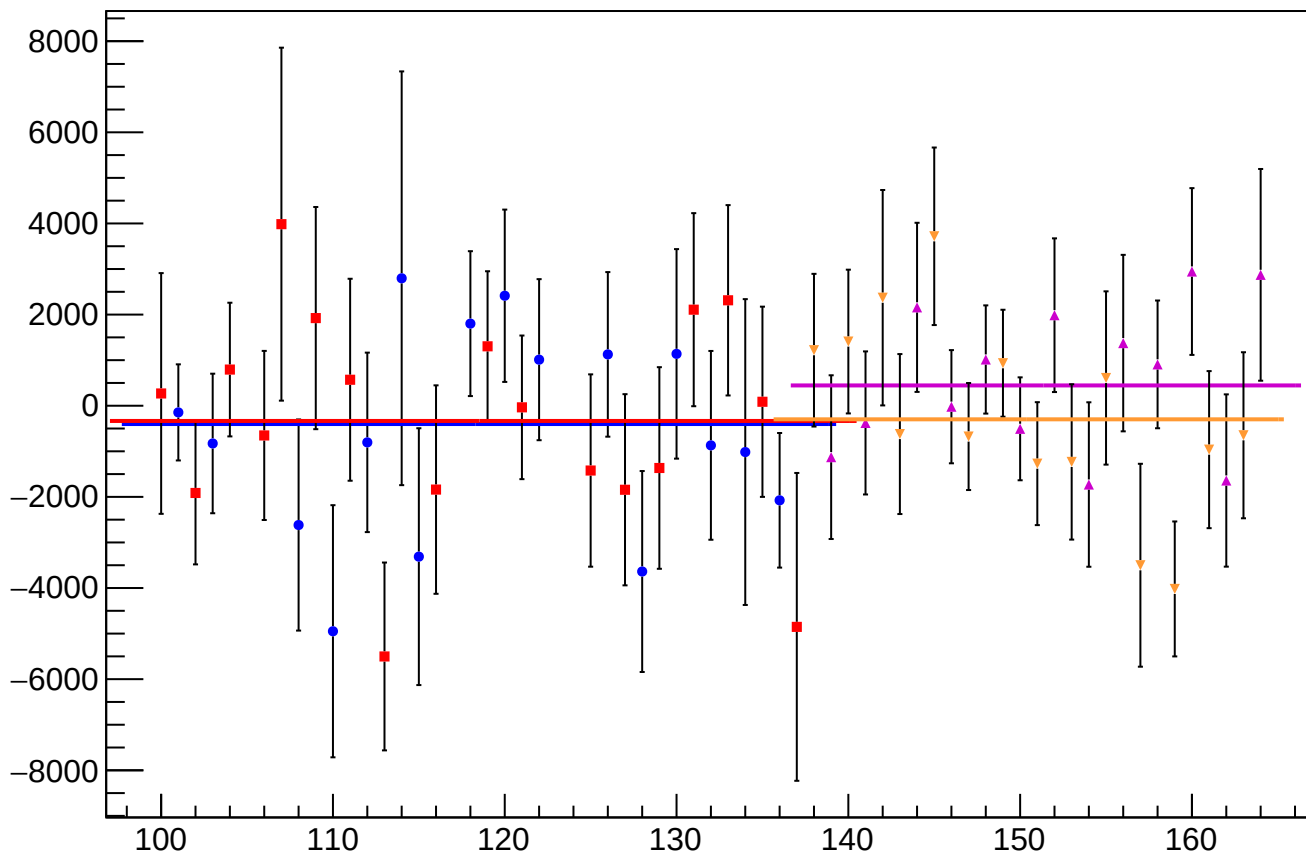
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 796.425 $\pm$ 0.136 χ^2 /NDF: 26110.4/28

Out: 808.696 $\pm$ 0.137 χ^2 /NDF: 663994.2/31

All: 802.515 $\pm$ 0.097 χ^2 /NDF: 694134.9/60

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -298.231 ± 428.602 $\chi^2/\text{NDF}: 18.4/13$

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

Left In: 445.572 ± 432.484 $\chi^2/\text{NDF}: 9.8/12$

Left: 70.317 ± 304.431 $\chi^2/\text{NDF}: 29.6/26$

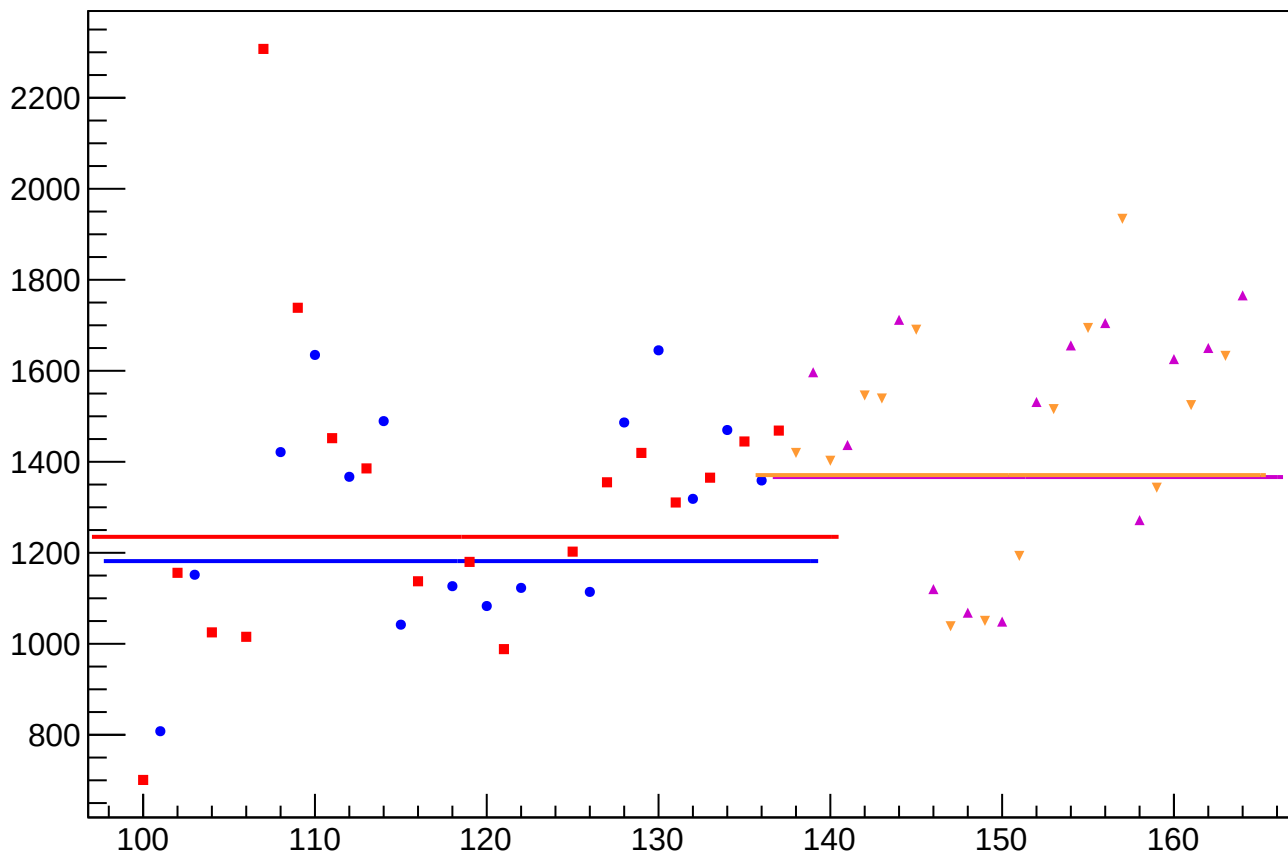
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: 56.011 ± 317.836 $\chi^2/\text{NDF}: 26.4/28$

Out: -314.154 ± 319.249 $\chi^2/\text{NDF}: 35.8/31$

All: -128.251 ± 225.242 $\chi^2/\text{NDF}: 62.9/60$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1370.775 $\pm$ 0.303 χ^2 /NDF: 687913.0/13

Right Out: 1235.094 $\pm$ 0.338 χ^2 /NDF: 540252.3/17

Left In: 1366.470 $\pm$ 0.306 χ^2 /NDF: 754310.8/12

Left: 1368.642 $\pm$ 0.215 χ^2 /NDF: 1442323.8/26

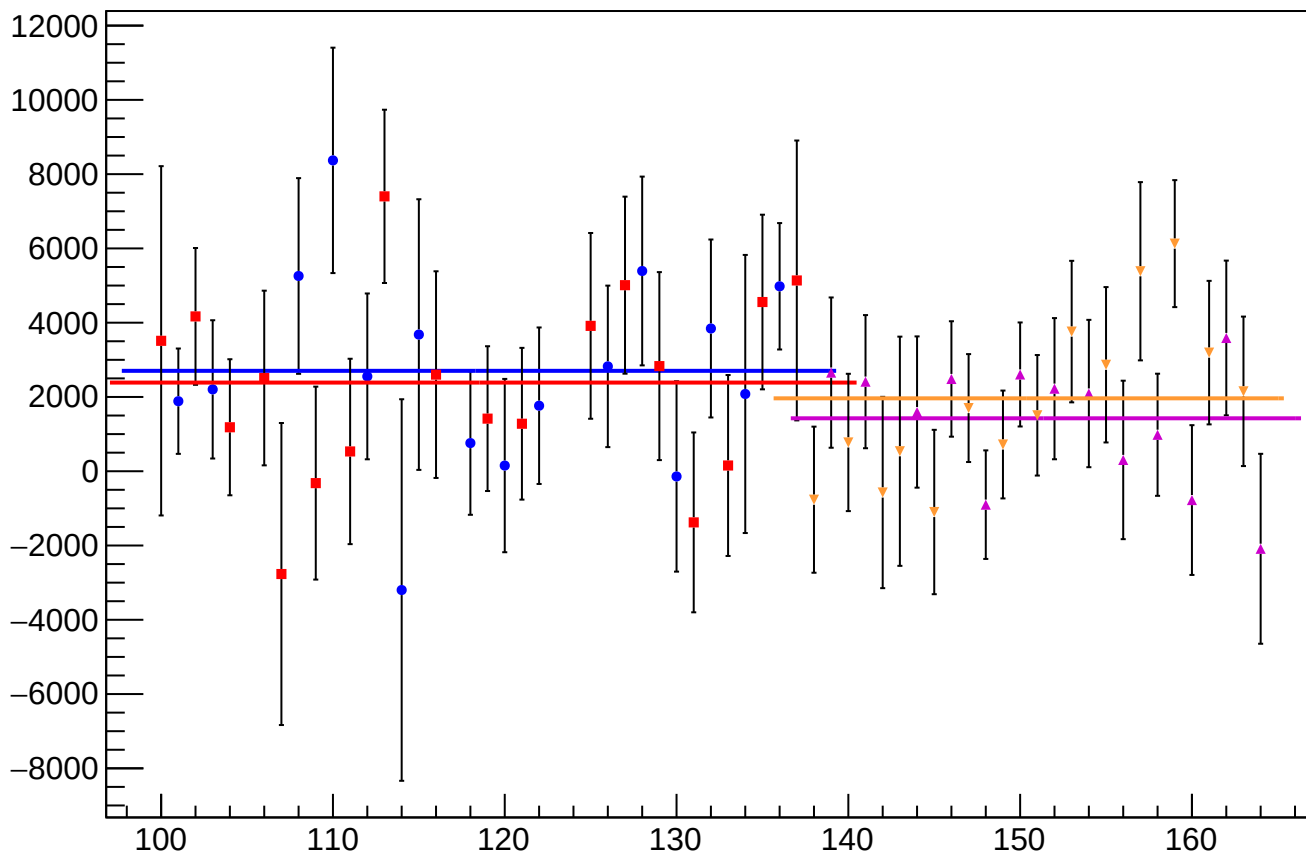
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1281.523 $\pm$ 0.225 χ^2 /NDF: 1465573.8/28

Out: 1310.372 $\pm$ 0.226 χ^2 /NDF: 1317393.6/31

All: 1295.884 $\pm$ 0.159 χ^2 /NDF: 2791169.5/60

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1963.134 $\pm$ 508.140 χ^2 /NDF:15.7/13

Right Out: 2387.341 $\pm$ 569.264 χ^2 /NDF: 16.1/17

Left In: 1425.443 $\pm$ 503.917 χ^2 /NDF:9.2/12

Left: 1692.045 $\pm$ 357.807 χ^2 /NDF: 25.5/26

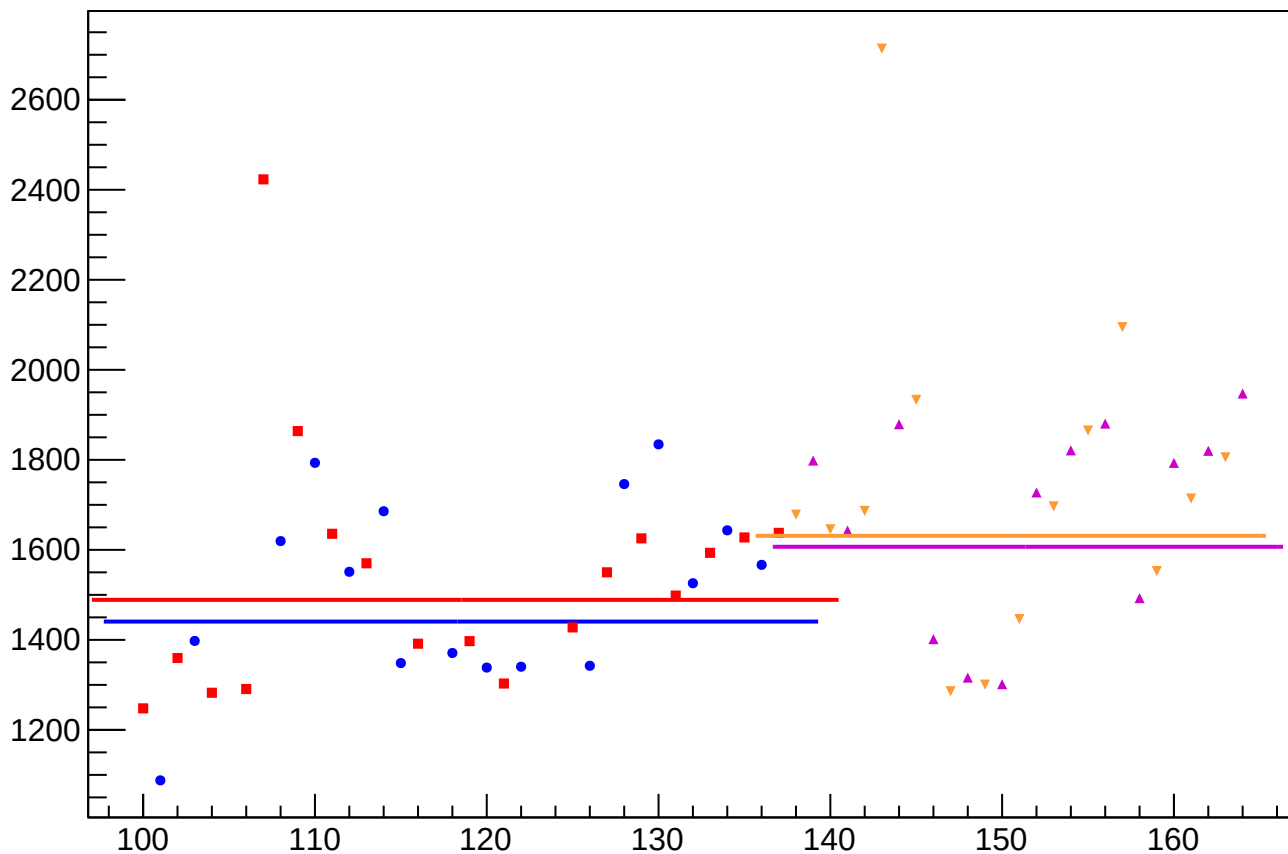
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 1992.311 $\pm$ 375.926 χ^2 /NDF:25.1/28

Out: 2151.248 $\pm$ 379.085 χ^2 /NDF:32.1/31

All: 2071.115 $\pm$ 266.929 χ^2 /NDF: 57.3/60

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1631.144 $\pm$ 0.359 χ^2/NDF : 653033.2/13

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

Left In: 1606.831 $\pm$ 0.356 χ^2/NDF : 410935.1/12

Left: 1618.886 $\pm$ 0.253 χ^2/NDF : 1066276.8/26

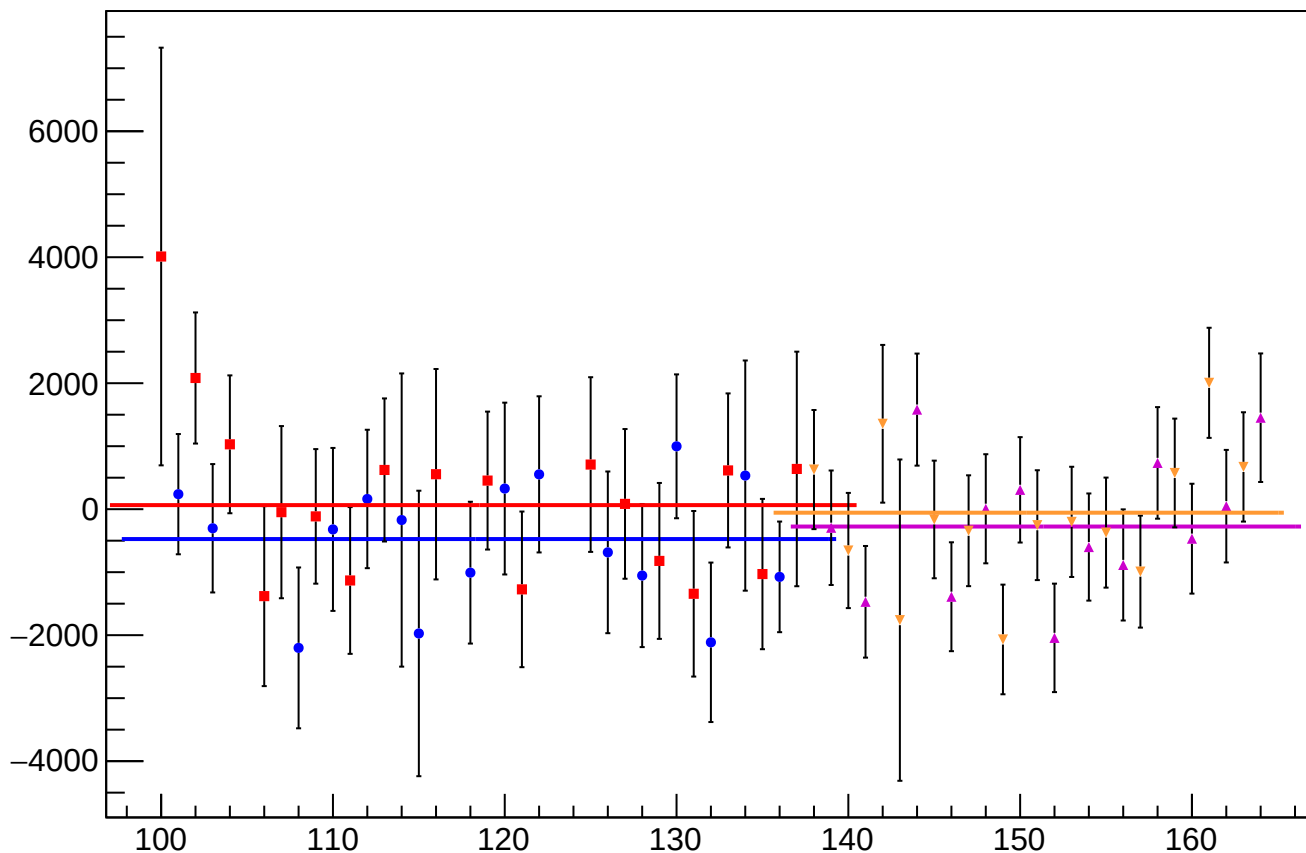
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1533.135 $\pm$ 0.266 χ^2/NDF : 789653.2/28

Out: 1568.086 $\pm$ 0.268 χ^2/NDF : 979331.6/31

All: 1550.464 $\pm$ 0.189 χ^2/NDF : 1777556.3/60

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -55.761 $\pm$ 249.676 χ^2 /NDF:16.3/13

Right Out: 64.684 $\pm$ 298.395 χ^2 /NDF: 12.7/17

Left In: -275.479 $\pm$ 244.941 χ^2 /NDF:17.6/12

Left: -167.723 $\pm$ 174.850 χ^2 /NDF: 34.3/26

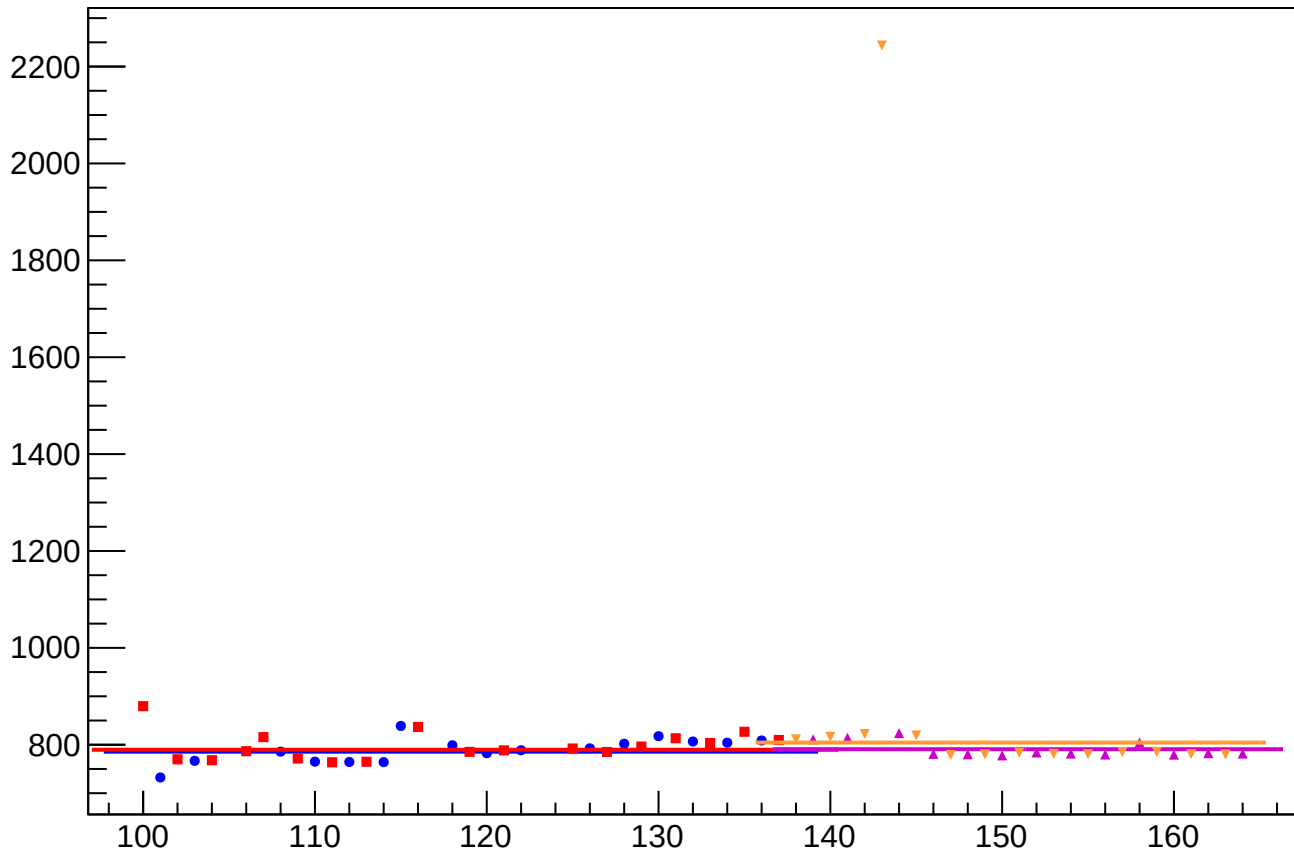
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -353.706 $\pm$ 190.712 χ^2 /NDF:26.7/28

Out: -6.161 $\pm$ 191.486 χ^2 /NDF:29.1/31

All: -180.638 $\pm$ 135.127 χ^2 /NDF: 57.5/60

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 804.510 $\pm$ 0.177 χ^2 /NDF: 650377.2/13

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

Left In: 790.829 $\pm$ 0.173 χ^2 /NDF: 8032.9/12

Left: 797.539 $\pm$ 0.124 χ^2 /NDF: 661469.8/26

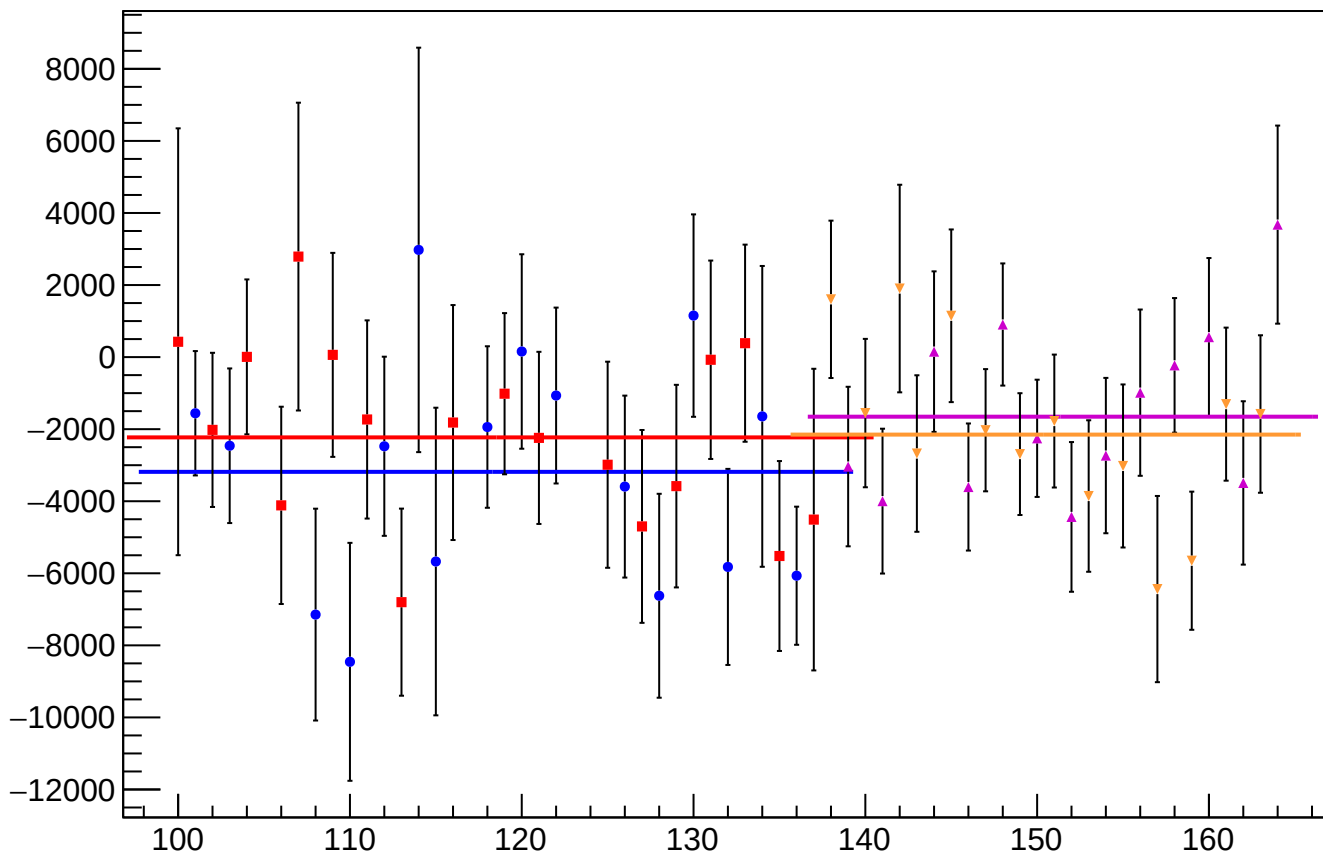
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 788.827 $\pm$ 0.135 χ^2 /NDF: 22293.6/28

Out: 798.401 $\pm$ 0.135 χ^2 /NDF: 664294.7/31

All: 793.595 $\pm$ 0.096 χ^2 /NDF: 689098.0/60

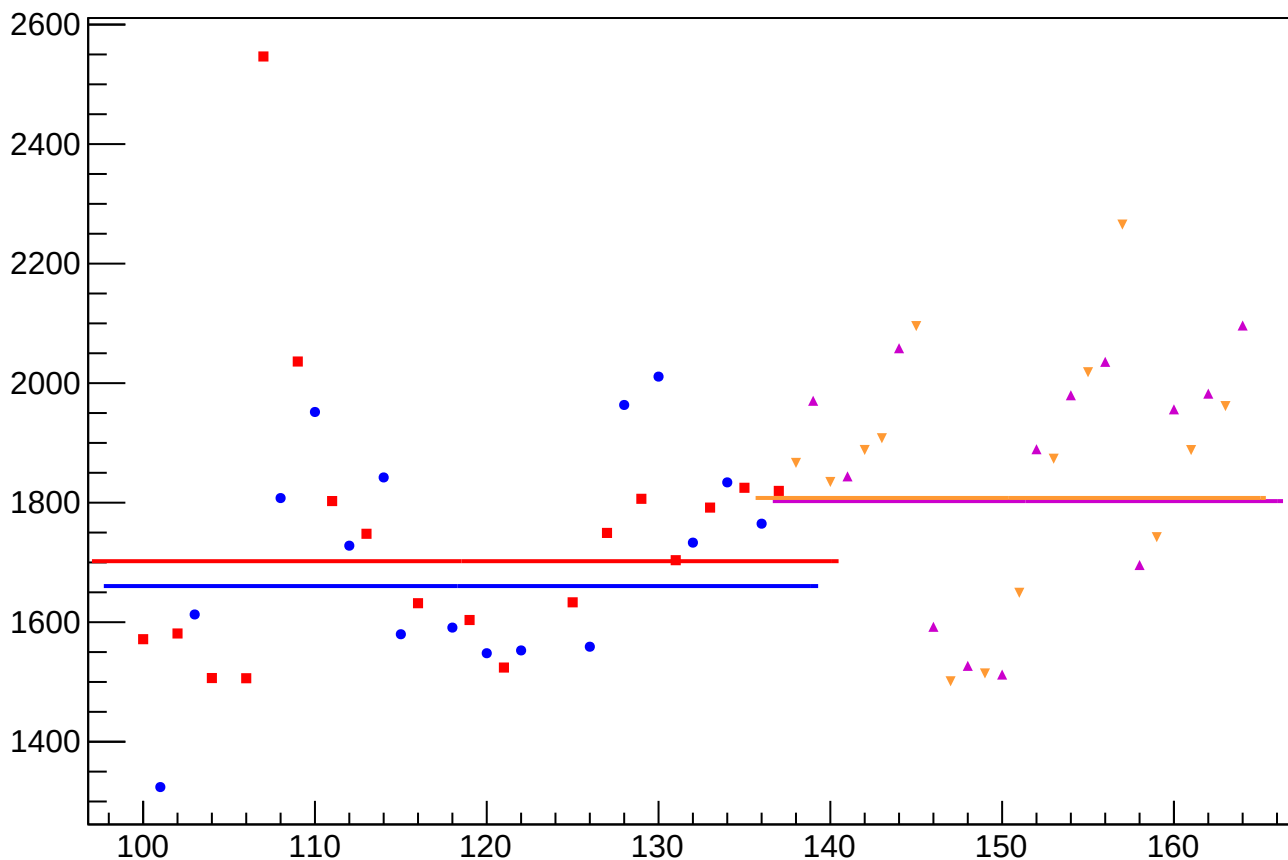
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2150.841 ± 557.426 $\chi^2/\text{NDF}: 14.2/13$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -1653.559 ± 562.885 $\chi^2/\text{NDF}: 14.2/12$

Left: -1904.623 ± 396.076 $\chi^2/\text{NDF}: 28.8/26$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2312.697 ± 424.769 $\chi^2/\text{NDF}: 34.2/28$
 Out: -2183.693 ± 422.597 $\chi^2/\text{NDF}: 26.0/31$
 All: -2247.864 ± 299.586 $\chi^2/\text{NDF}: 60.3/60$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1807.893 $\pm$ 0.394 χ^2/NDF : 273963.6/13

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

Left In: 1802.616 $\pm$ 0.398 χ^2/NDF : 272853.5/12

Left: 1805.280 $\pm$ 0.280 χ^2/NDF : 546905.8/26

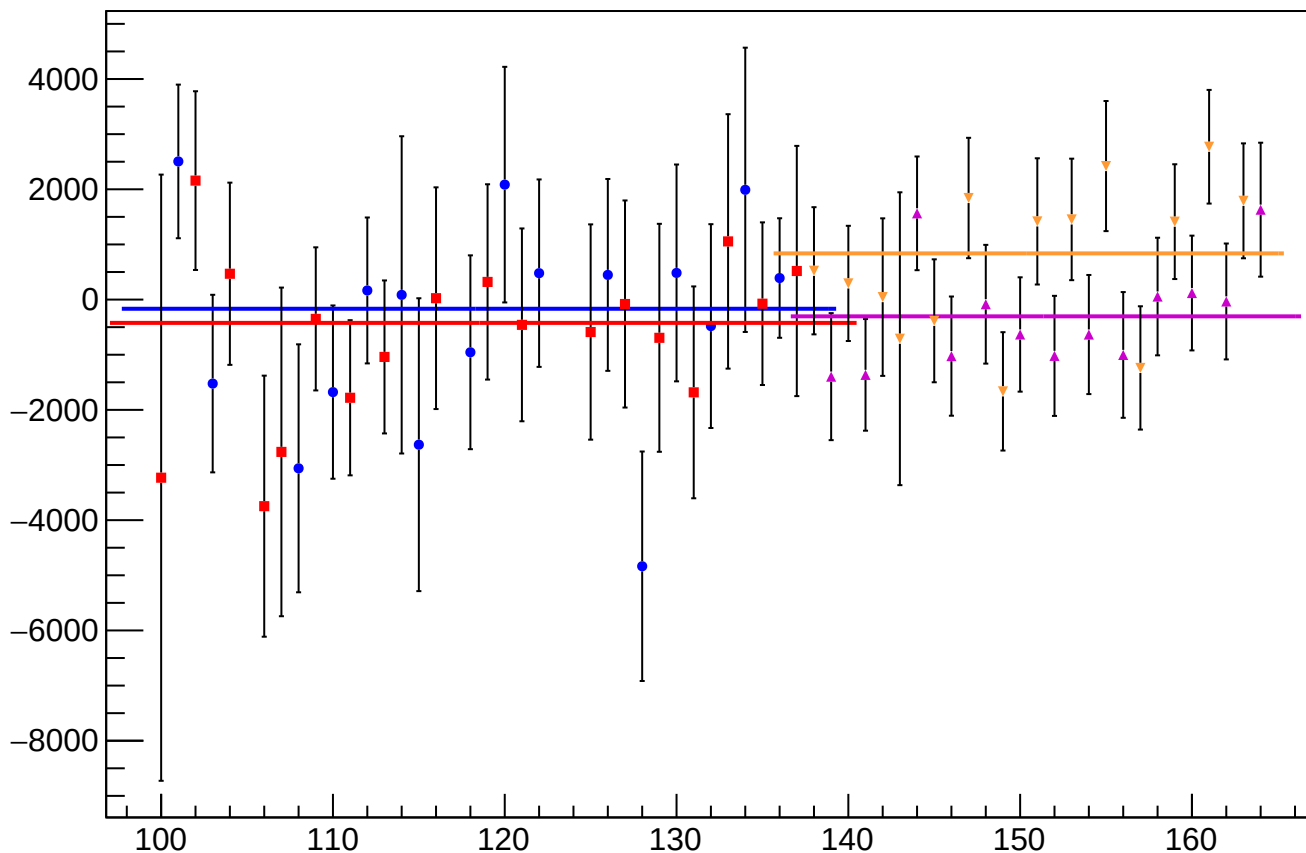
Right: 1681.258 $\pm$ 0.324 χ^2/NDF : 355346.8/33

In: 1741.413 $\pm$ 0.300 χ^2/NDF : 506978.3/28

Out: 1762.904 $\pm$ 0.299 χ^2/NDF : 476608.0/31

All: 1752.214 $\pm$ 0.212 χ^2/NDF : 986159.3/60

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 $\pm$ 432.680 χ^2/NDF : 15.6/15

Left Out: 837.743 $\pm$ 305.653 χ^2/NDF : 19.0/13

Right Out: -422.359 $\pm$ 427.321 χ^2/NDF : 8.2/17

Left In: -304.078 $\pm$ 299.131 χ^2/NDF : 9.7/12

Left: 254.519 $\pm$ 213.786 χ^2/NDF : 35.7/26

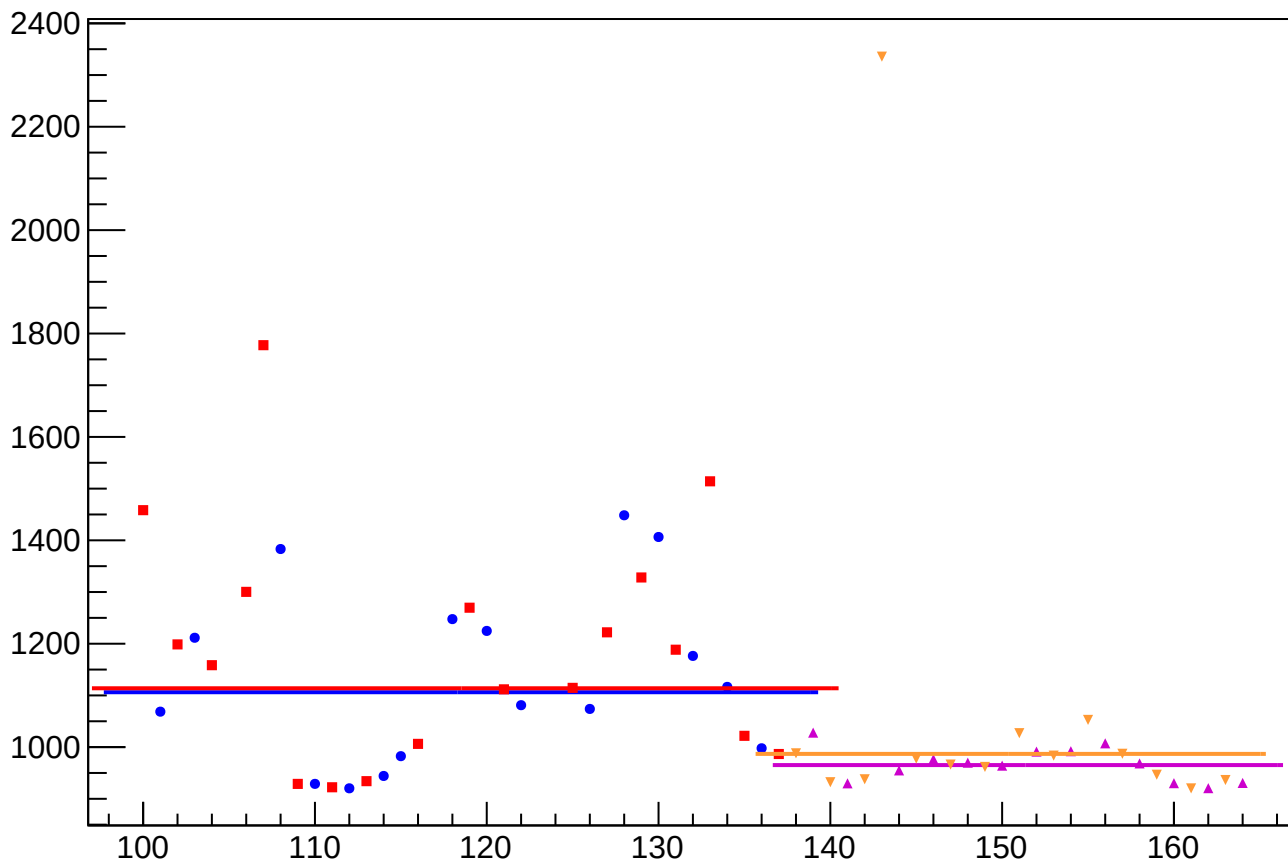
Right: -295.954 $\pm$ 304.038 χ^2/NDF : 24.0/33

In: -259.541 $\pm$ 246.054 χ^2/NDF : 25.3/28

Out: 411.250 $\pm$ 248.604 χ^2/NDF : 32.9/31

All: 72.397 $\pm$ 174.881 χ^2/NDF : 61.9/60

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 986.883+/-0.216 χ^2/NDF : 550550.7/13

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

Left In: 965.251+/-0.212 χ^2/NDF : 21443.9/12

Left: 975.834+/-0.151 χ^2/NDF : 577111.3/26

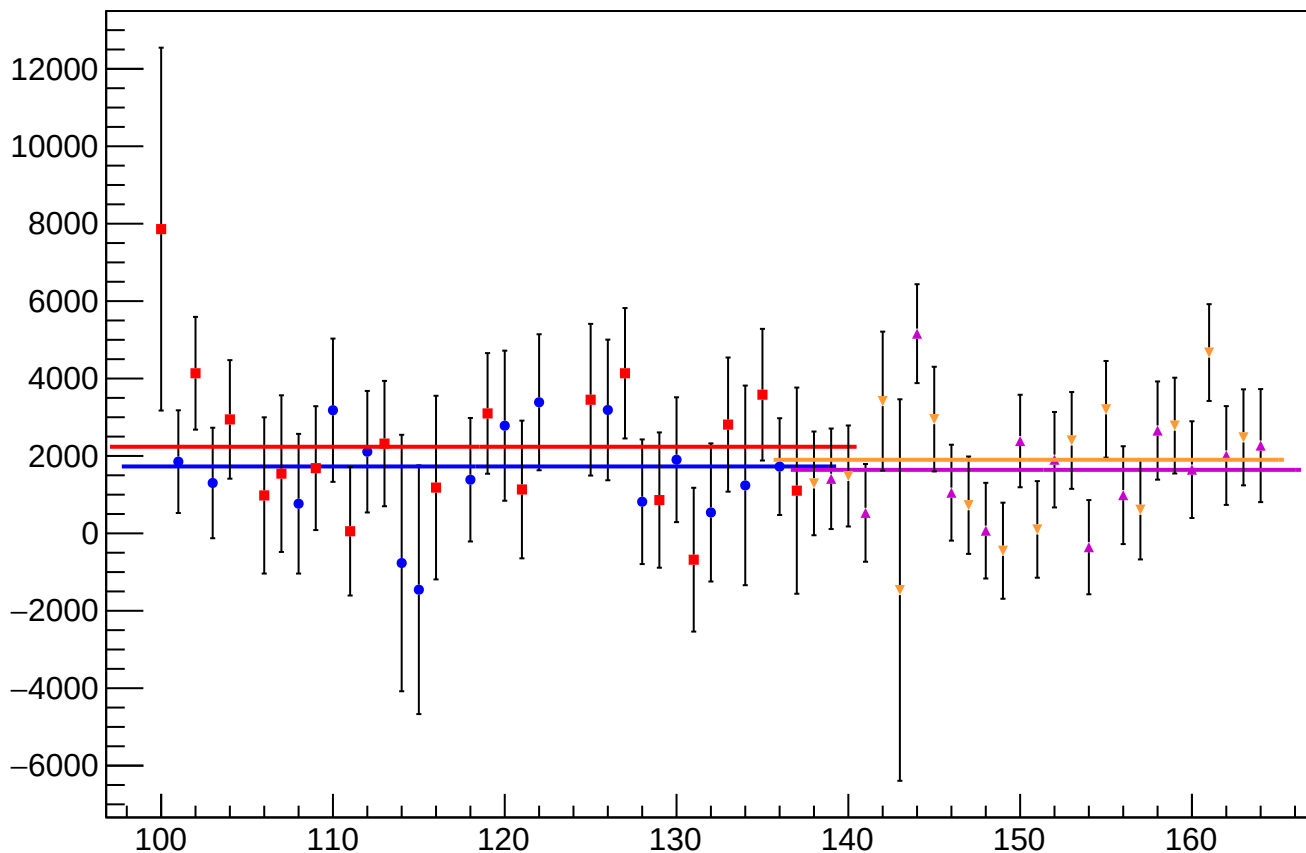
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1010.819+/-0.174 χ^2/NDF : 424879.3/28

Out: 1029.846+/-0.176 χ^2/NDF : 1031595.2/31

All: 1020.235+/-0.124 χ^2/NDF : 1462392.5/60

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1901.193 $\pm$ 358.098 χ^2 /NDF:16.5/13

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

Left In: 1640.996 $\pm$ 350.423 χ^2 /NDF:14.5/12

Left: 1768.276 $\pm$ 250.456 χ^2 /NDF: 31.3/26

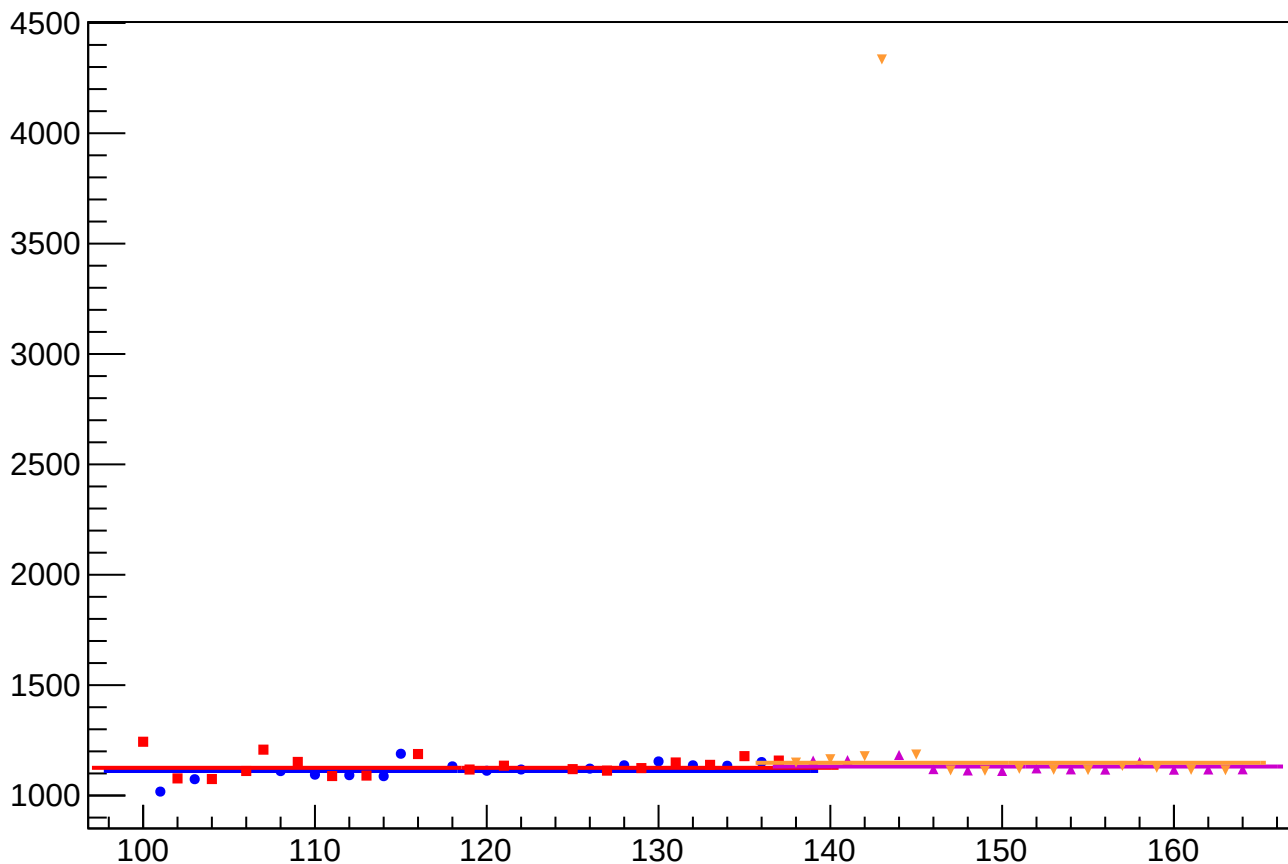
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1675.922 $\pm$ 271.594 χ^2 /NDF:19.9/28

Out: 2040.723 $\pm$ 273.971 χ^2 /NDF:29.1/31

All: 1856.733 $\pm$ 192.881 χ^2 /NDF: 49.9/60

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1148.259+/-0.253 χ^2/NDF : 849063.8/13

Right Out: 1125.496+/-0.301 χ^2/NDF : 15880.9/17

Left In: 1131.324+/-0.248 χ^2/NDF : 8163.1/12

Left: 1139.608+/-0.177 χ^2/NDF : 859512.1/26

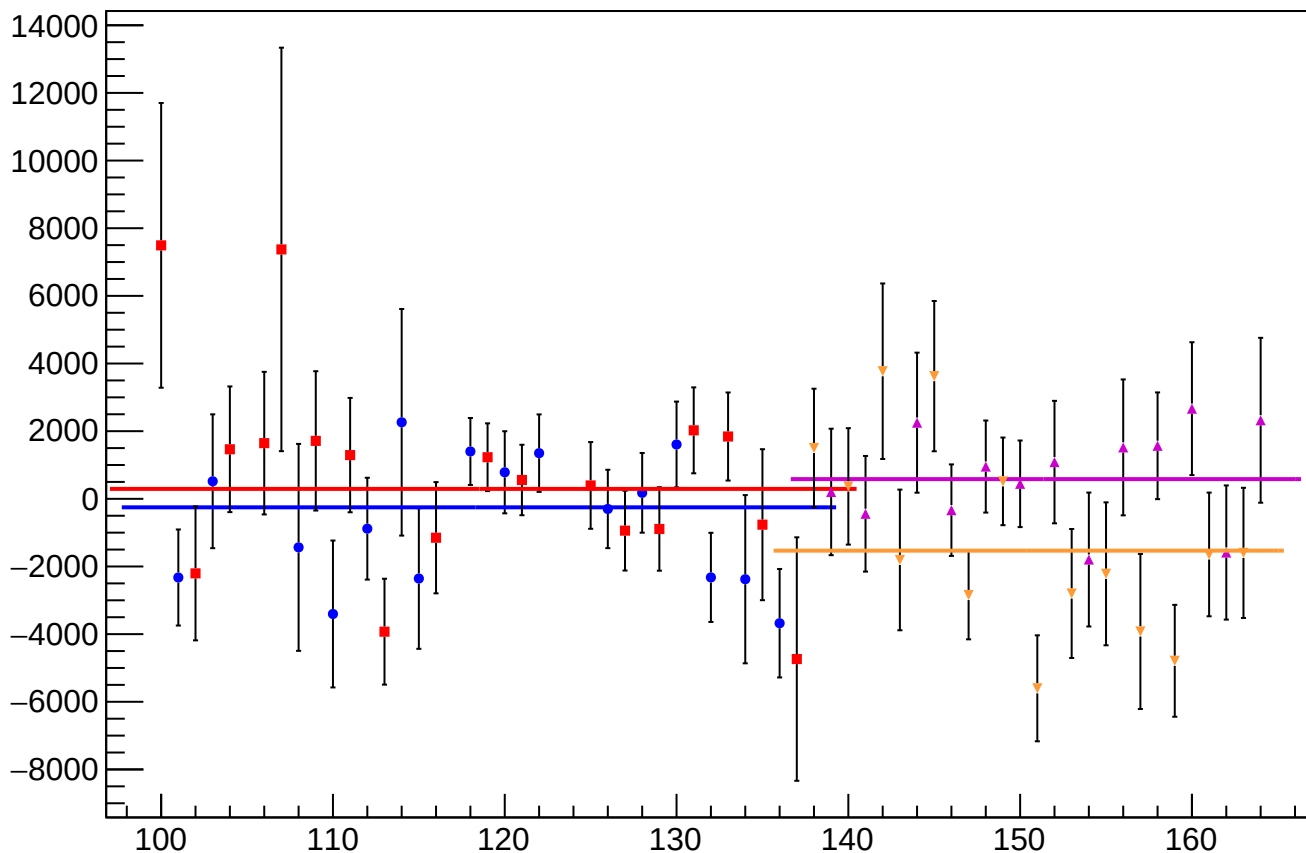
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

In: 1123.225+/-0.192 χ^2/NDF : 28929.2/28

Out: 1138.820+/-0.194 χ^2/NDF : 868296.0/31

All: 1130.955+/-0.136 χ^2/NDF : 900493.5/60

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1531.936 $\pm$ 473.758 χ^2/NDF :29.6/13

Right Out: 293.658 $\pm$ 362.490 χ^2/NDF : 24.0/17

Left In: 582.978 $\pm$ 474.028 χ^2/NDF :6.6/12

Left: -475.083 $\pm$ 335.093 χ^2/NDF : 46.1/26

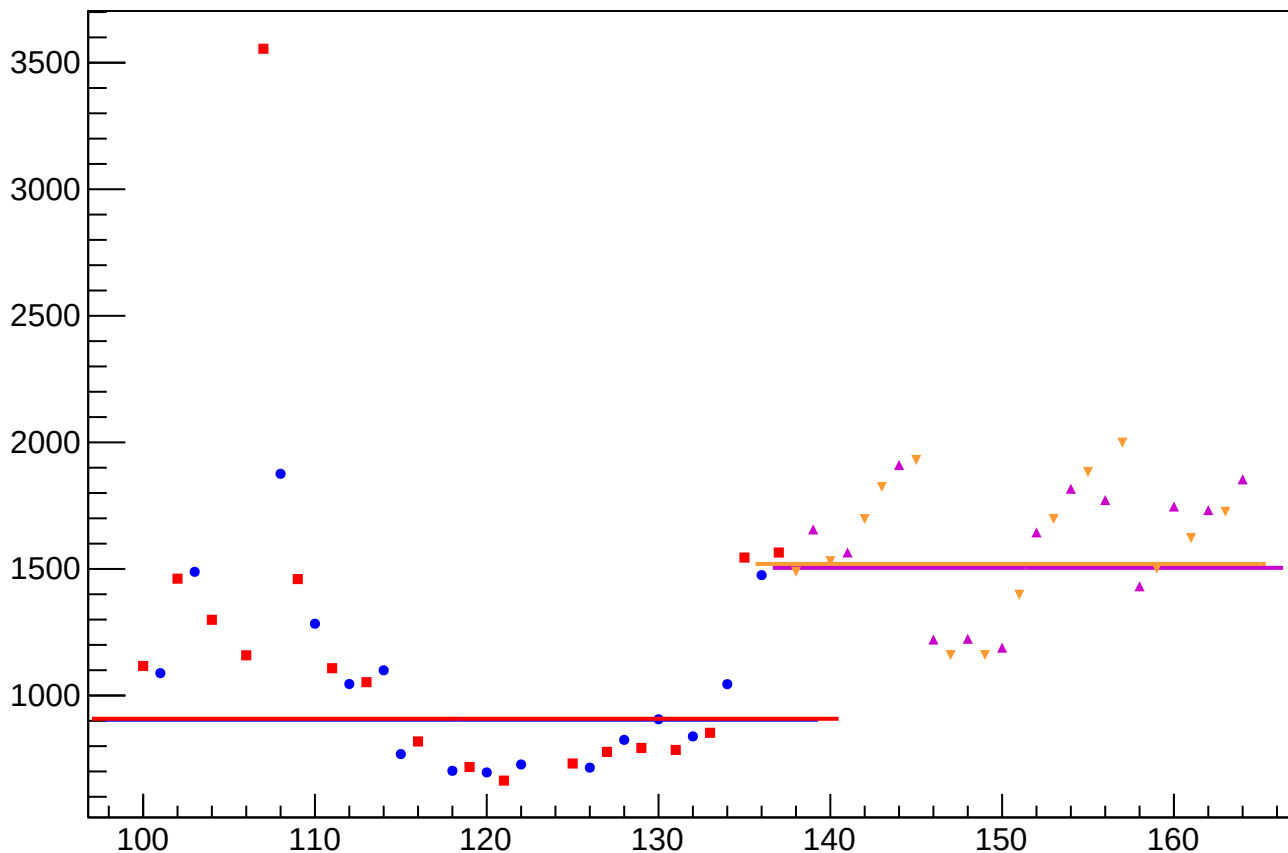
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: 59.159 $\pm$ 289.176 χ^2/NDF :30.3/28

Out: -380.458 $\pm$ 287.887 χ^2/NDF :63.0/31

All: -161.632 $\pm$ 204.021 χ^2/NDF : 94.4/60

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1519.915+/-0.335 χ^2/NDF : 631800.9/13

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

Left In: 1504.434+/-0.335 χ^2/NDF : 586131.9/12

Left: 1512.179+/-0.237 χ^2/NDF : 1218999.9/26

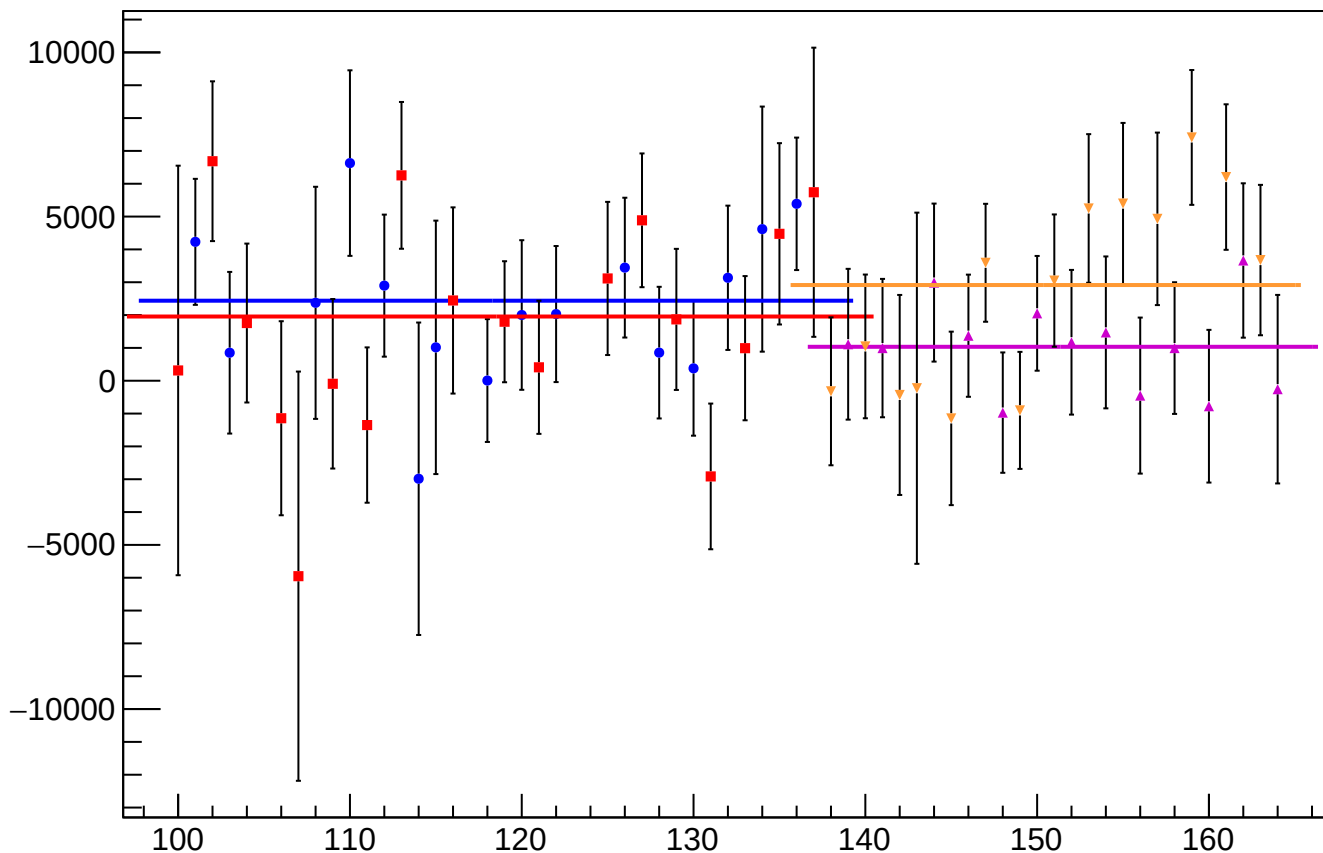
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1127.758+/-0.204 χ^2/NDF : 3618645.2/28

Out: 1134.051+/-0.204 χ^2/NDF : 4116281.9/31

All: 1130.919+/-0.144 χ^2/NDF : 7735402.8/60

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2/NDF : 11.2/15

Left Out: 2914.799 $\pm$ 608.550 χ^2/NDF : 21.2/13

Right Out: 1955.910 $\pm$ 584.085 χ^2/NDF : 22.4/17

Left In: 1033.766 $\pm$ 596.830 χ^2/NDF : 4.7/12

Left: 1955.994 $\pm$ 426.106 χ^2/NDF : 30.8/26

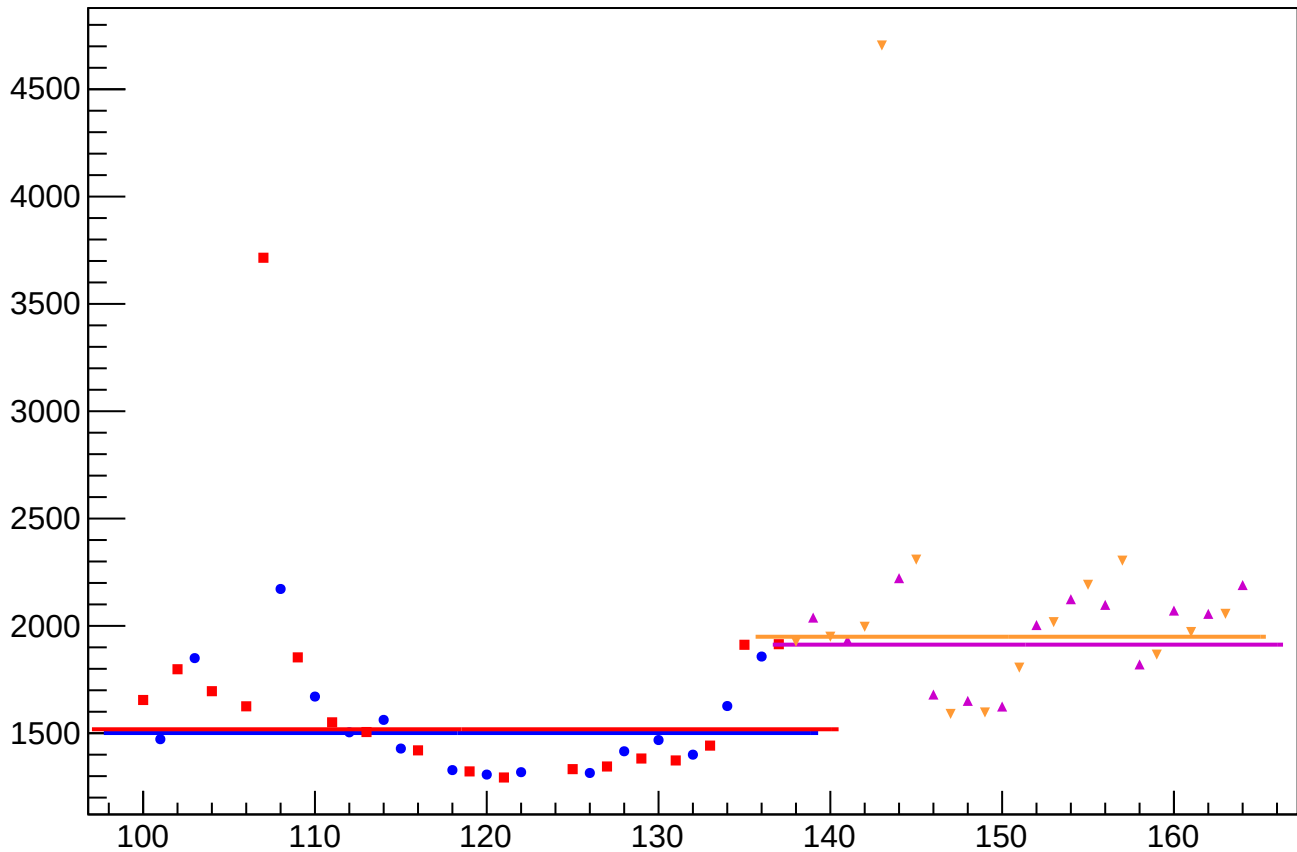
Right: 2195.827 $\pm$ 413.767 χ^2/NDF : 33.9/33

In: 1748.213 $\pm$ 418.225 χ^2/NDF : 18.7/28

Out: 2415.693 $\pm$ 421.394 χ^2/NDF : 44.9/31

All: 2079.433 $\pm$ 296.844 χ^2/NDF : 64.8/60

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 ± 0.415 $\chi^2/NDF: 256227.7/15$

Left Out: 1949.423 ± 0.430 $\chi^2/NDF: 802364.0/13$

Right Out: 1518.327 ± 0.413 $\chi^2/NDF: 476011.7/17$

Left In: 1912.570 ± 0.422 $\chi^2/NDF: 237873.6/12$

Left: 1930.638 ± 0.301 $\chi^2/NDF: 1043976.3/26$

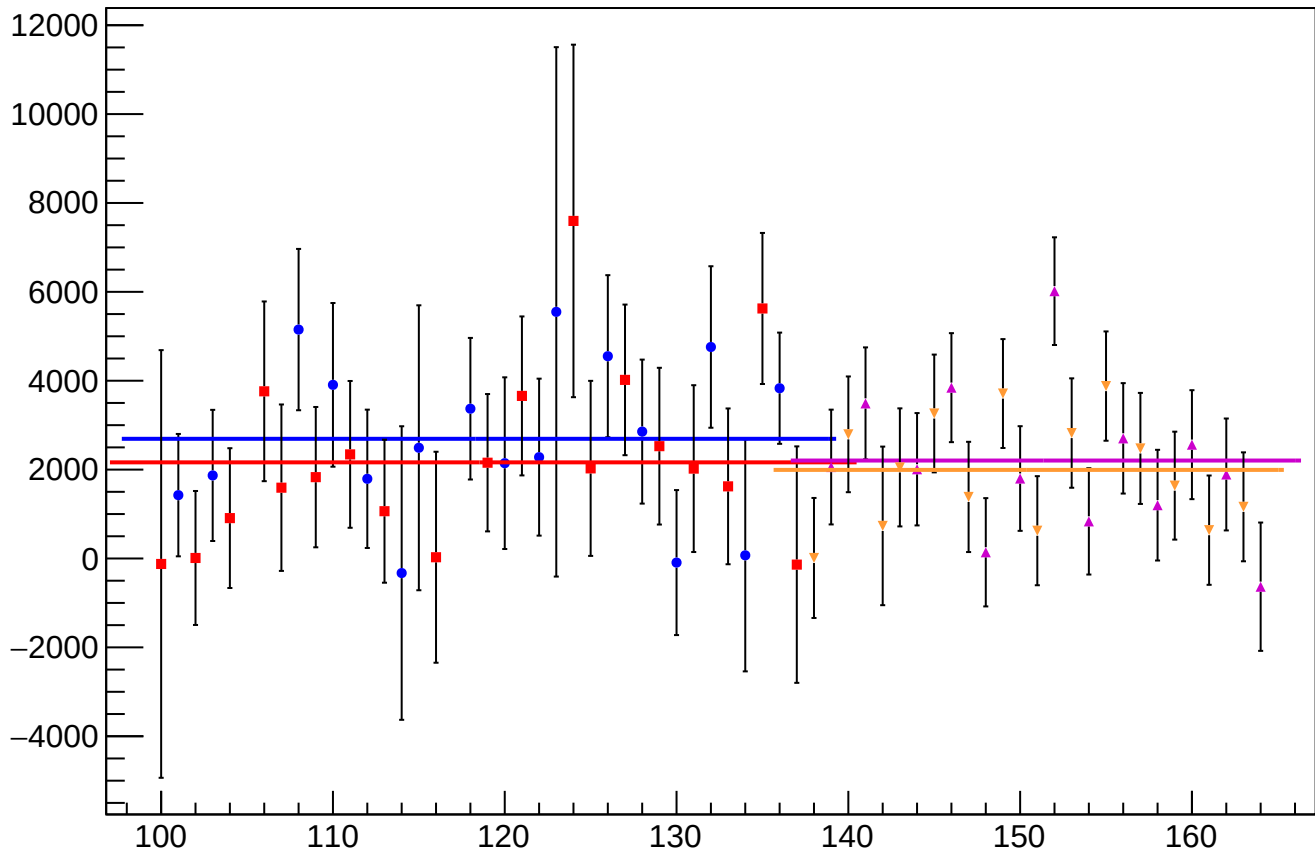
Right: 1509.610 ± 0.293 $\chi^2/NDF: 733133.5/33$

In: 1703.011 ± 0.296 $\chi^2/NDF: 978561.1/28$

Out: 1725.035 ± 0.298 $\chi^2/NDF: 1800783.9/31$

All: 1713.940 ± 0.210 $\chi^2/NDF: 2782097.2/60$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1993.323 $\pm$ 342.293 χ^2 /NDF:12.1/13

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

Left In: 2204.192 $\pm$ 345.821 χ^2 /NDF:21.9/12

Left: 2097.676 $\pm$ 243.275 χ^2 /NDF: 34.2/26

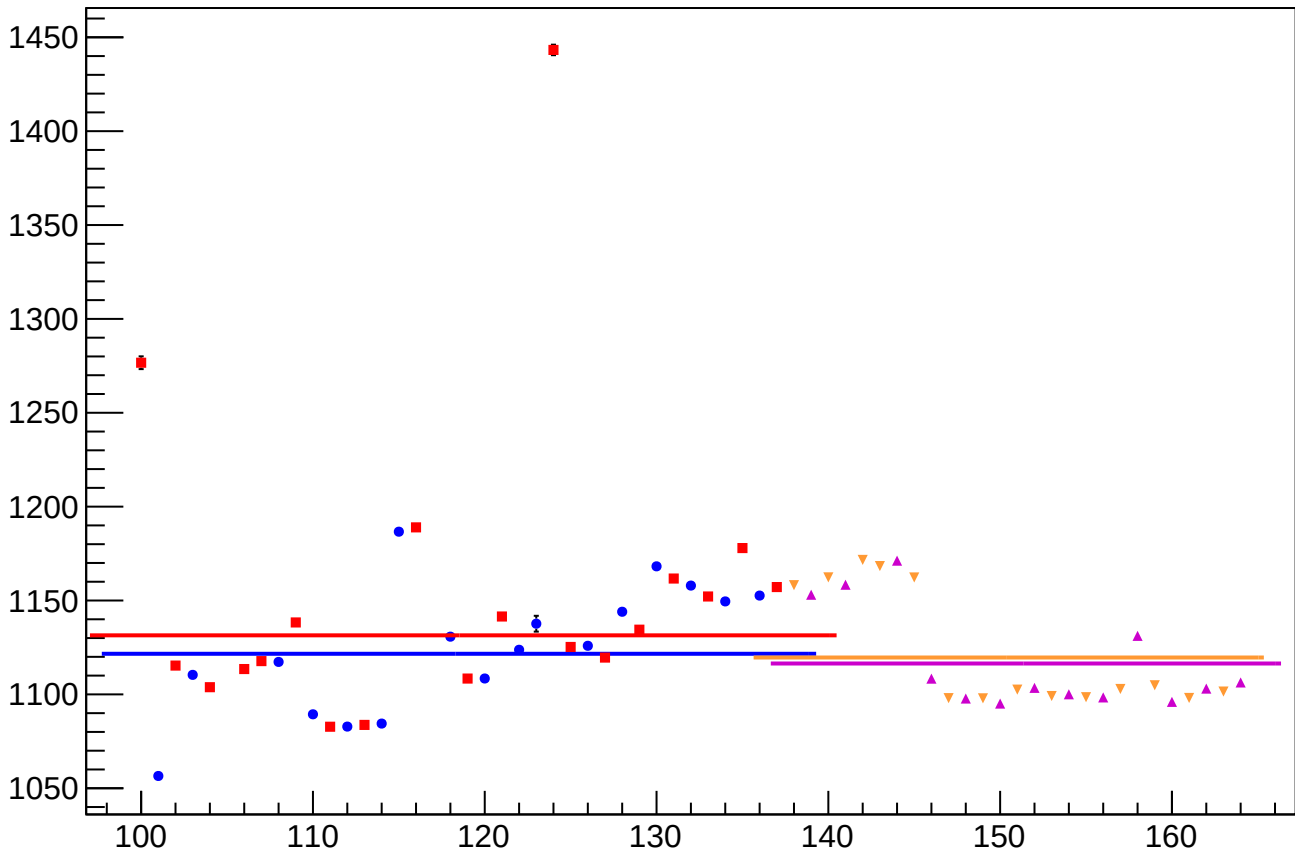
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2394.763 $\pm$ 270.124 χ^2 /NDF:34.9/29

Out: 2060.353 $\pm$ 266.285 χ^2 /NDF:26.0/32

All: 2225.165 $\pm$ 189.635 χ^2 /NDF: 61.7/62

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1119.641 $\pm$ 0.242 χ^2 /NDF:14714.7/13

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

Left In: 1116.446 $\pm$ 0.245 χ^2 /NDF:10979.3/12

Left: 1118.060 $\pm$ 0.172 χ^2 /NDF: 25780.2/26

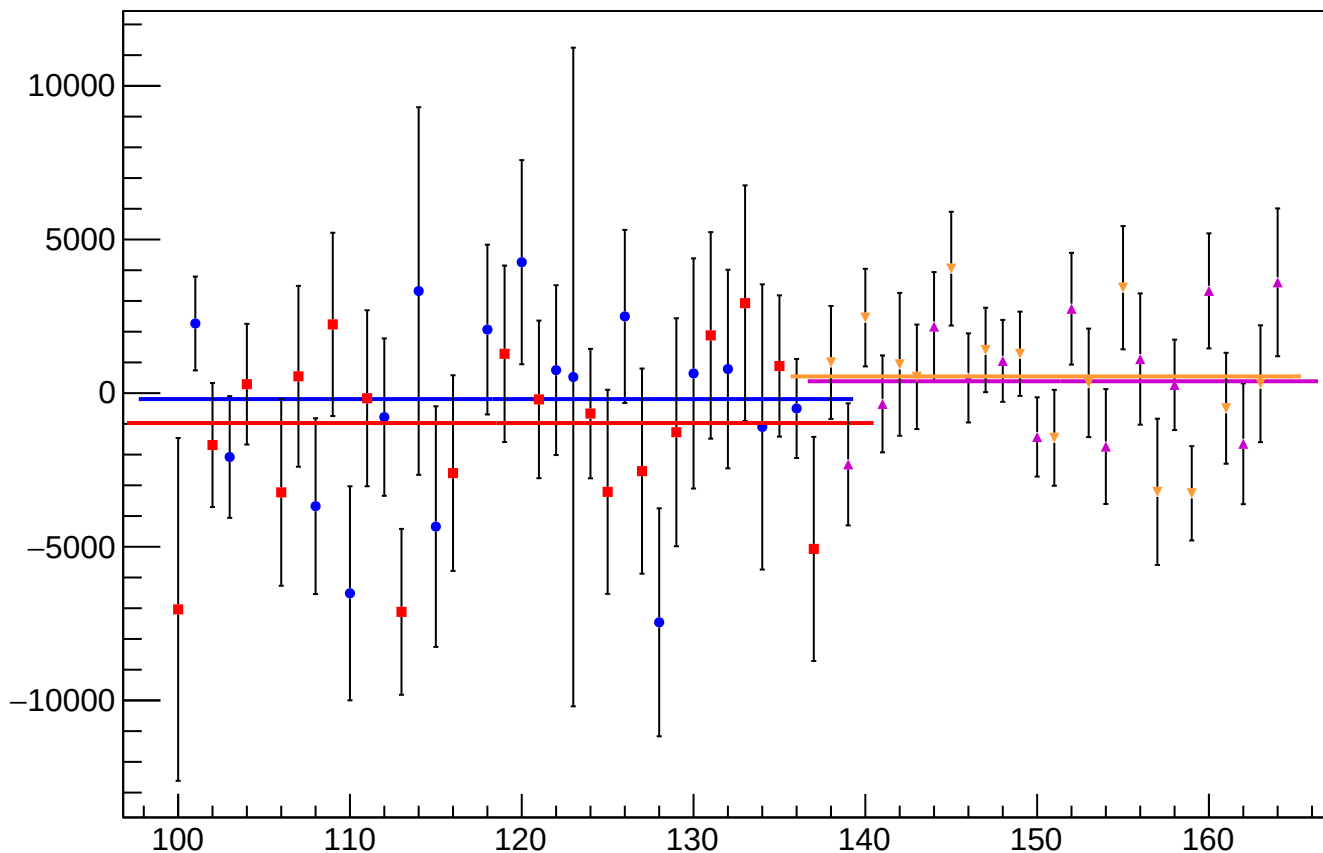
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1118.466 $\pm$ 0.191 χ^2 /NDF:23134.5/29

Out: 1124.303 $\pm$ 0.188 χ^2 /NDF:38766.5/32

All: 1121.426 $\pm$ 0.134 χ^2 /NDF: 62374.7/62

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 544.807 ± 459.265 χ^2/NDF : 18.5/13

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

Left In: 386.914 ± 466.323 χ^2/NDF : 13.7/12

Left: 467.064 ± 327.216 χ^2/NDF : 32.3/26

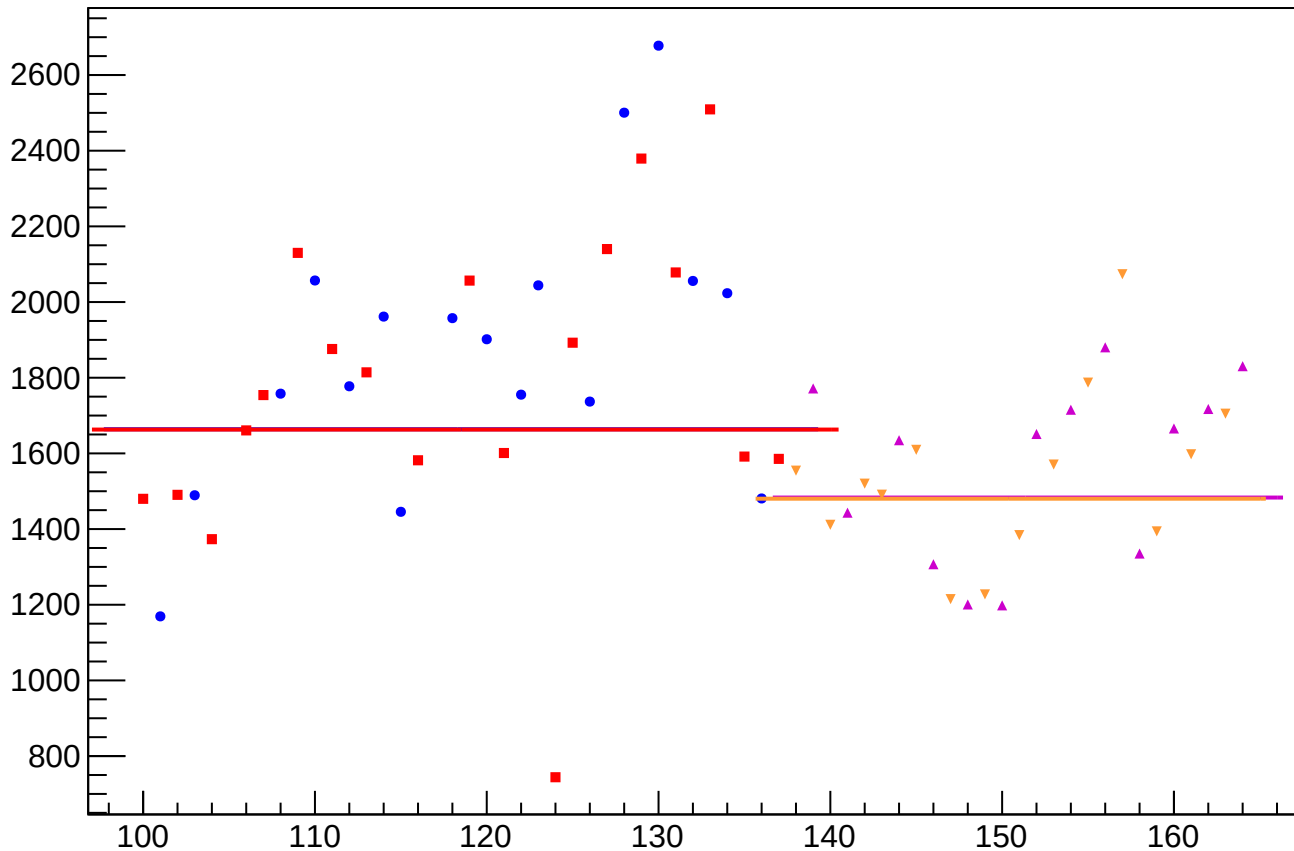
Right: -592.444 ± 461.436 χ^2/NDF : 32.4/35

In: 193.842 ± 380.920 χ^2/NDF : 31.6/29

Out: 34.133 ± 374.126 χ^2/NDF : 36.5/32

All: 112.550 ± 266.917 χ^2/NDF : 68.2/62

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1480.277 $\pm$ 0.325 χ^2 /NDF: 386665.5/13

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

Left In: 1483.290 $\pm$ 0.330 χ^2 /NDF: 501170.9/12

Left: 1481.760 $\pm$ 0.231 χ^2 /NDF: 887878.7/26

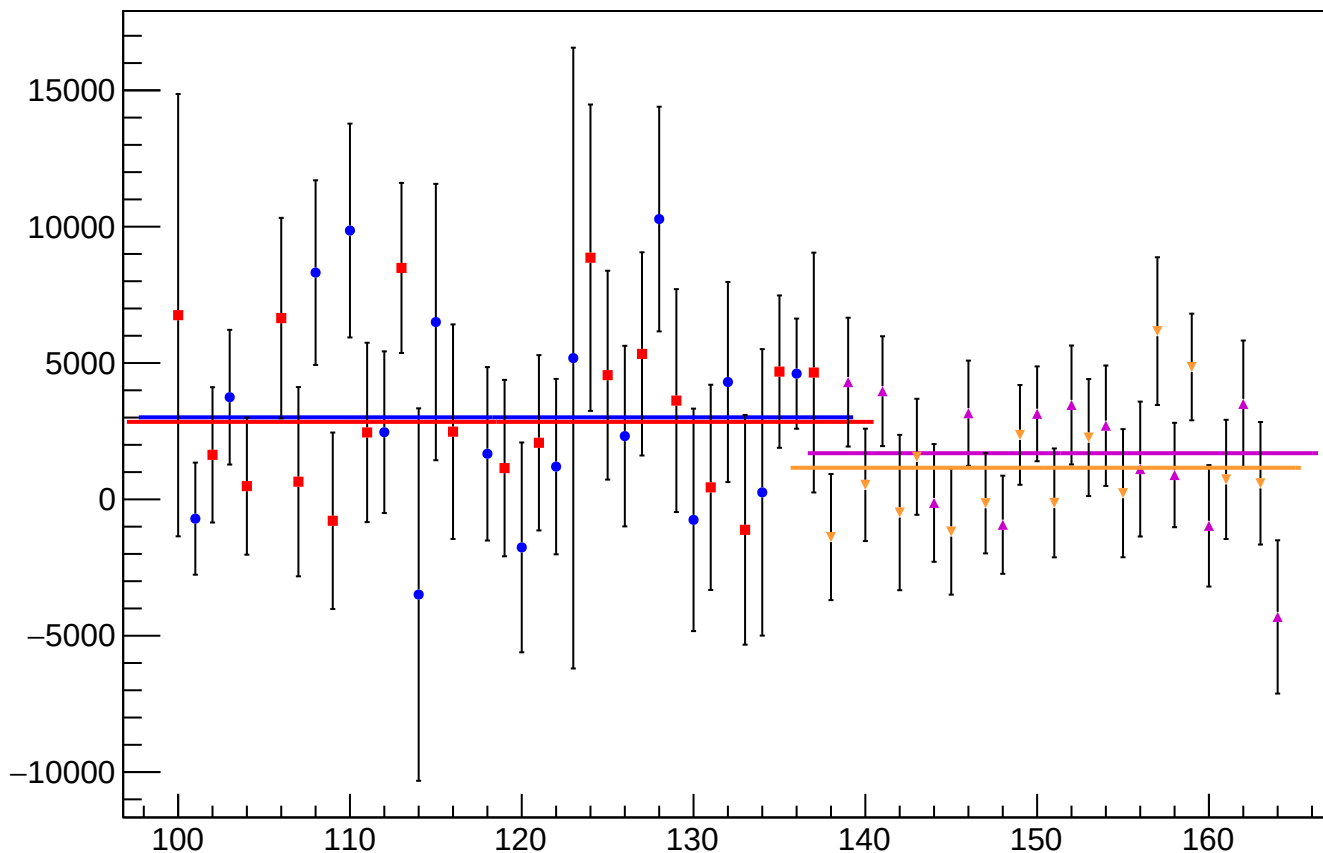
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1543.346 $\pm$ 0.269 χ^2 /NDF: 1223342.4/29

Out: 1541.740 $\pm$ 0.265 χ^2 /NDF: 1298120.5/32

All: 1542.528 $\pm$ 0.189 χ^2 /NDF: 2521480.9/62

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1158.638+/-577.108 χ^2/NDF : 11.6/13

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

Left In: 1693.314+/-585.796 χ^2/NDF : 14.3/12

Left: 1421.981+/-411.114 χ^2/NDF : 26.3/26

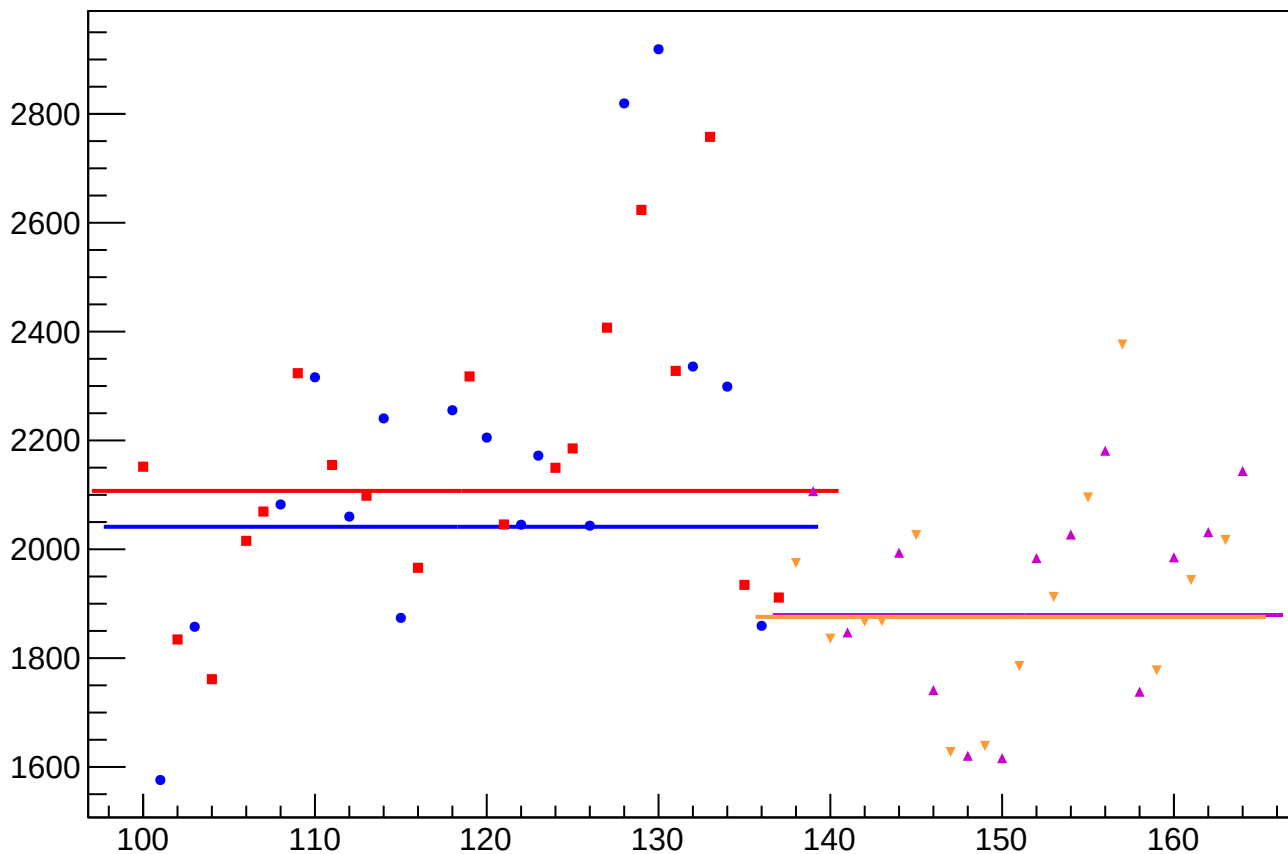
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2152.865+/-472.561 χ^2/NDF : 33.4/29

Out: 1738.879+/-467.176 χ^2/NDF : 25.9/32

All: 1943.500+/-332.231 χ^2/NDF : 59.8/62

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1875.689 $\pm$ 0.408 χ^2 /NDF:188250.2/13

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1879.224 $\pm$ 0.414 χ^2 /NDF:207114.4/12

Left: 1877.430 $\pm$ 0.291 χ^2 /NDF: 395401.6/26

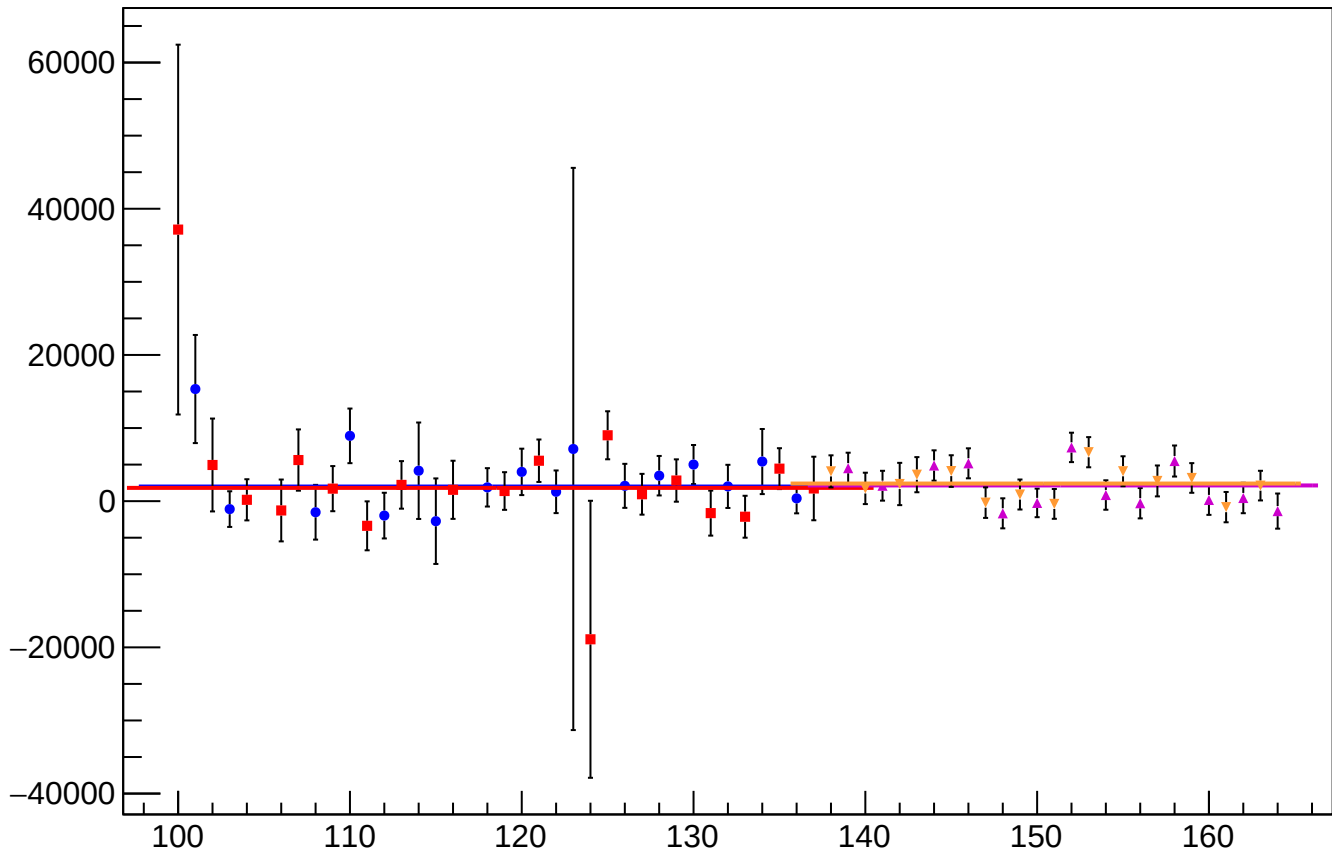
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1935.844 $\pm$ 0.334 χ^2 /NDF:599051.2/29

Out: 1955.515 $\pm$ 0.330 χ^2 /NDF:496045.7/32

All: 1945.792 $\pm$ 0.235 χ^2 /NDF: 1096849.5/62

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2408.257+/-572.221 χ^2/NDF : 13.1/13

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

Left In: 2149.791+/-575.092 χ^2/NDF : 24.8/12

Left: 2279.671+/-405.633 χ^2/NDF : 38.0/26

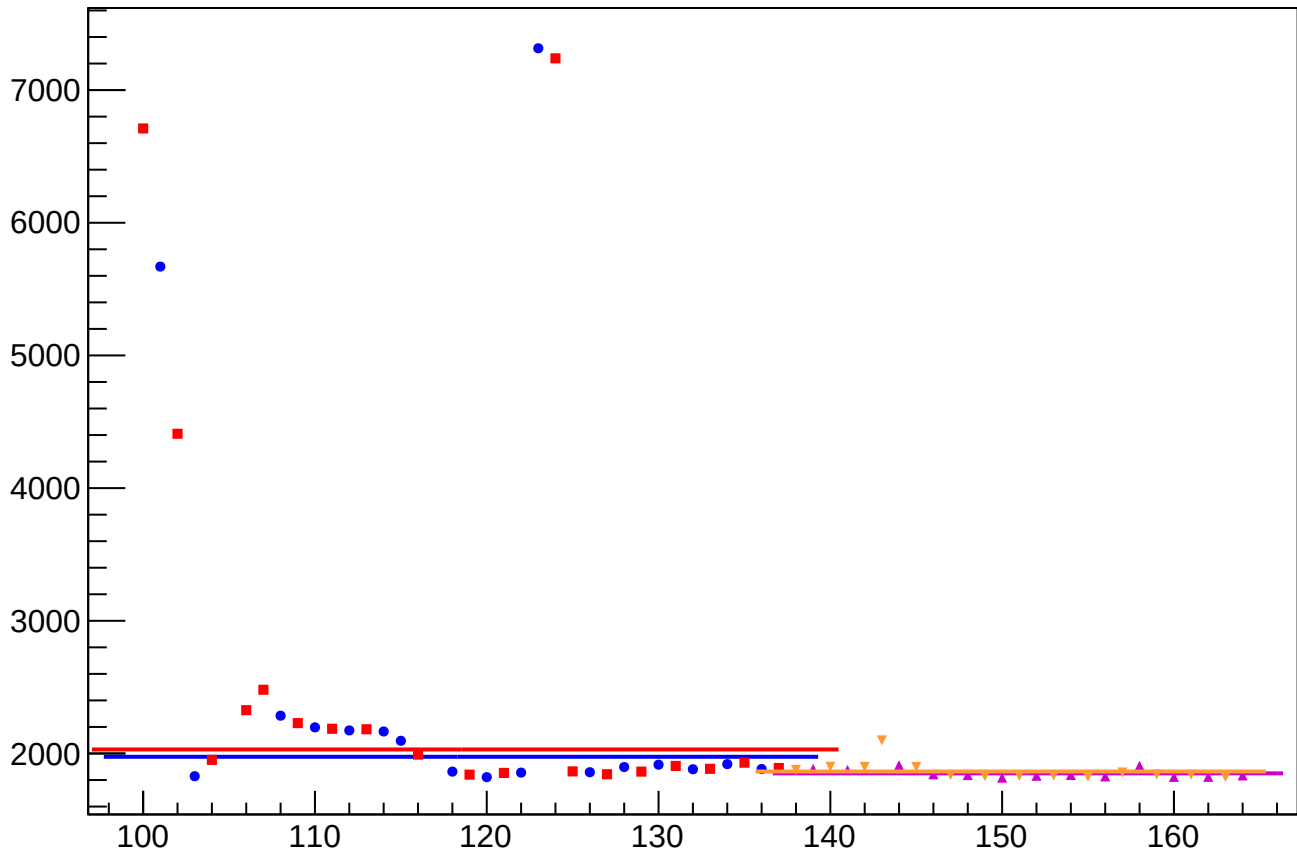
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2097.145+/-463.217 χ^2/NDF : 39.7/29

Out: 2201.391+/-461.682 χ^2/NDF : 31.7/32

All: 2149.441+/-327.000 χ^2/NDF : 71.4/62

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1864.286+/-0.405 χ^2/NDF : 24414.5/13

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

Left In: 1850.214+/-0.407 χ^2/NDF : 5873.3/12

Left: 1857.286+/-0.287 χ^2/NDF : 30889.5/26

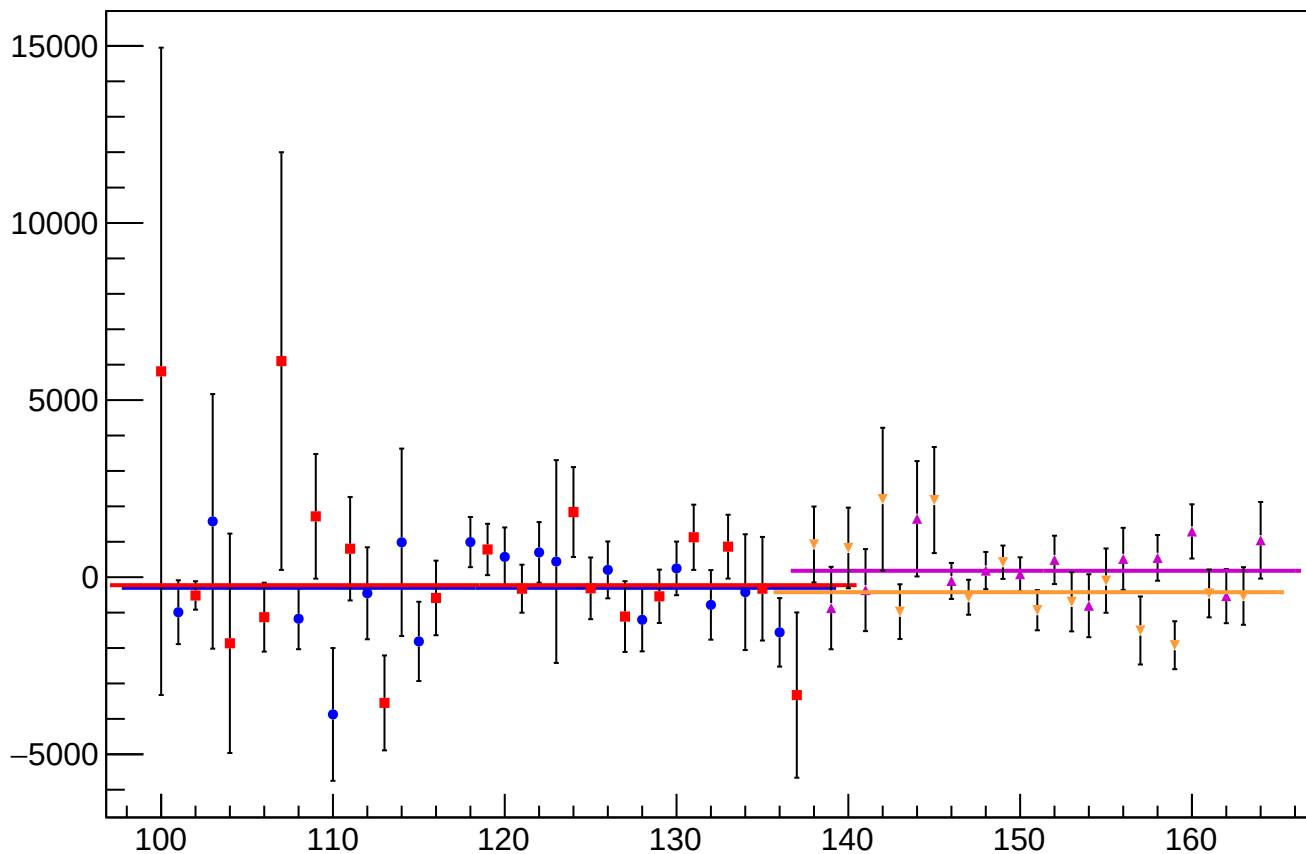
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1894.081+/-0.328 χ^2/NDF : 638835.5/29

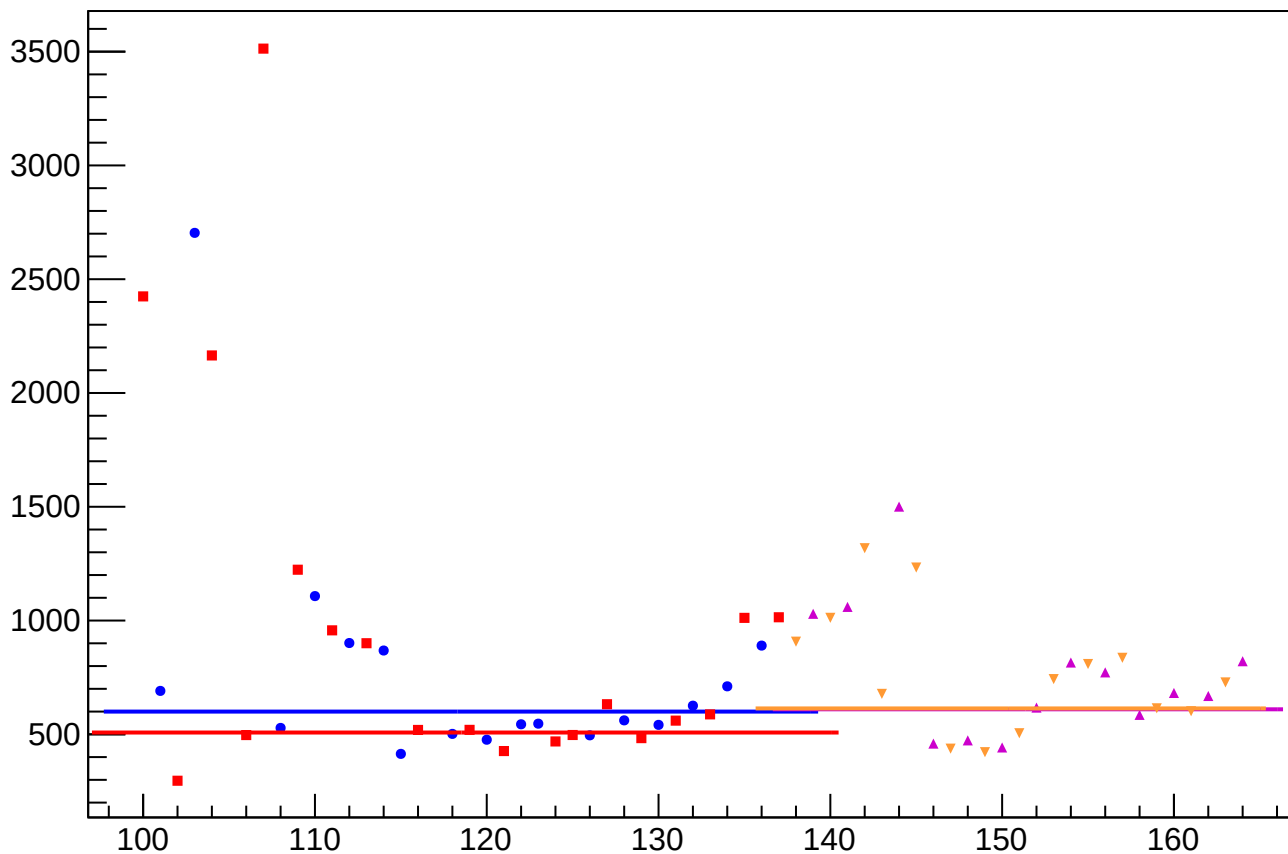
Out: 1922.246+/-0.326 χ^2/NDF : 687124.9/32

All: 1908.210+/-0.231 χ^2/NDF : 1329669.7/62

asym_at1_avg_correction_mean vs Slug, Sign Corrected



asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 613.829+/-0.140 χ^2/NDF : 1945556.5/13

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

Left In: 609.966+/-0.141 χ^2/NDF : 2002371.7/12

Left: 611.906+/-0.100 χ^2/NDF : 3948304.8/26

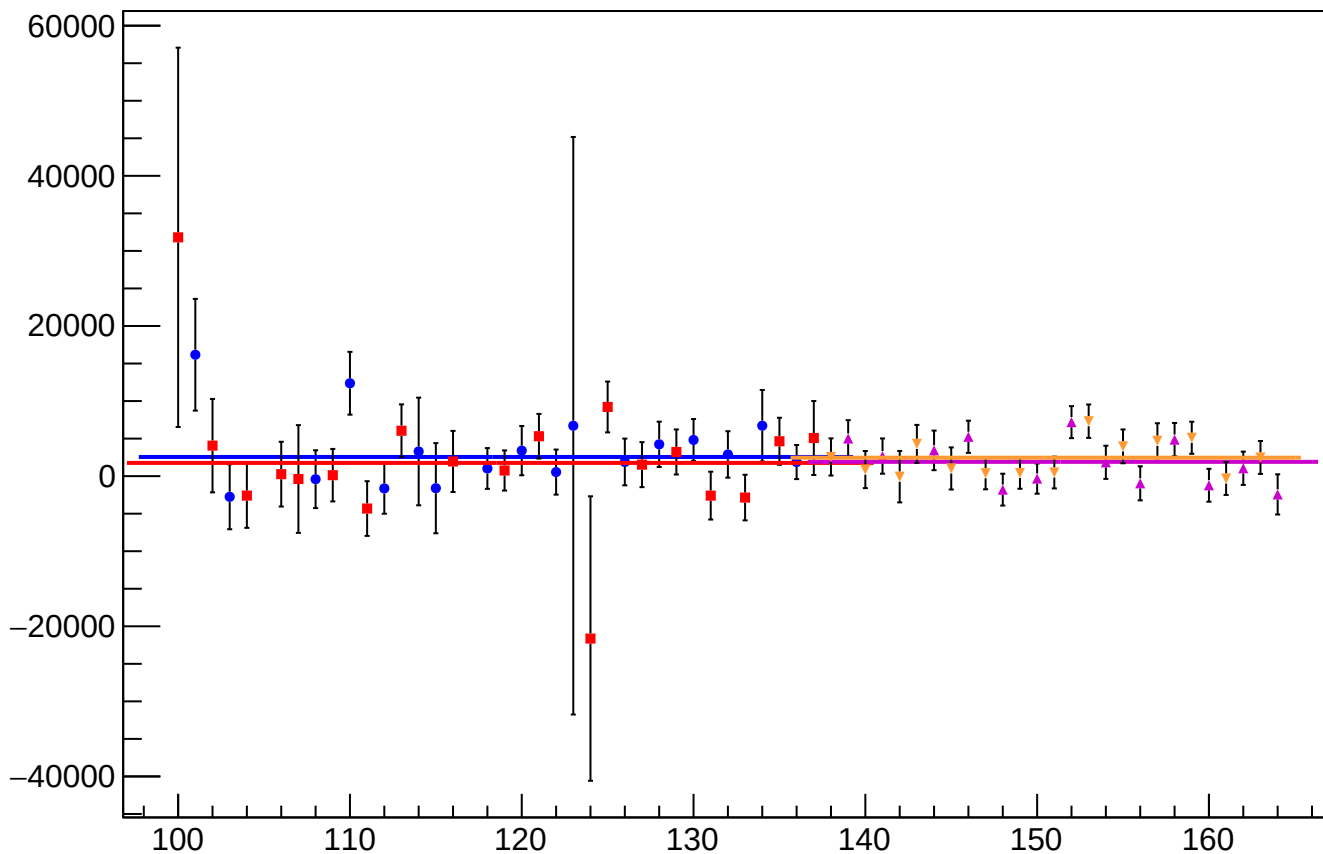
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 606.005+/-0.110 χ^2/NDF : 3385413.6/29

Out: 565.205+/-0.103 χ^2/NDF : 5055410.6/32

All: 584.383+/-0.075 χ^2/NDF : 8514160.1/62

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2456.953 $\pm$ 622.454 χ^2 /NDF:13.8/13

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

Left In: 1903.622 $\pm$ 625.793 χ^2 /NDF:23.1/12

Left: 2181.767 $\pm$ 441.317 χ^2 /NDF: 37.3/26

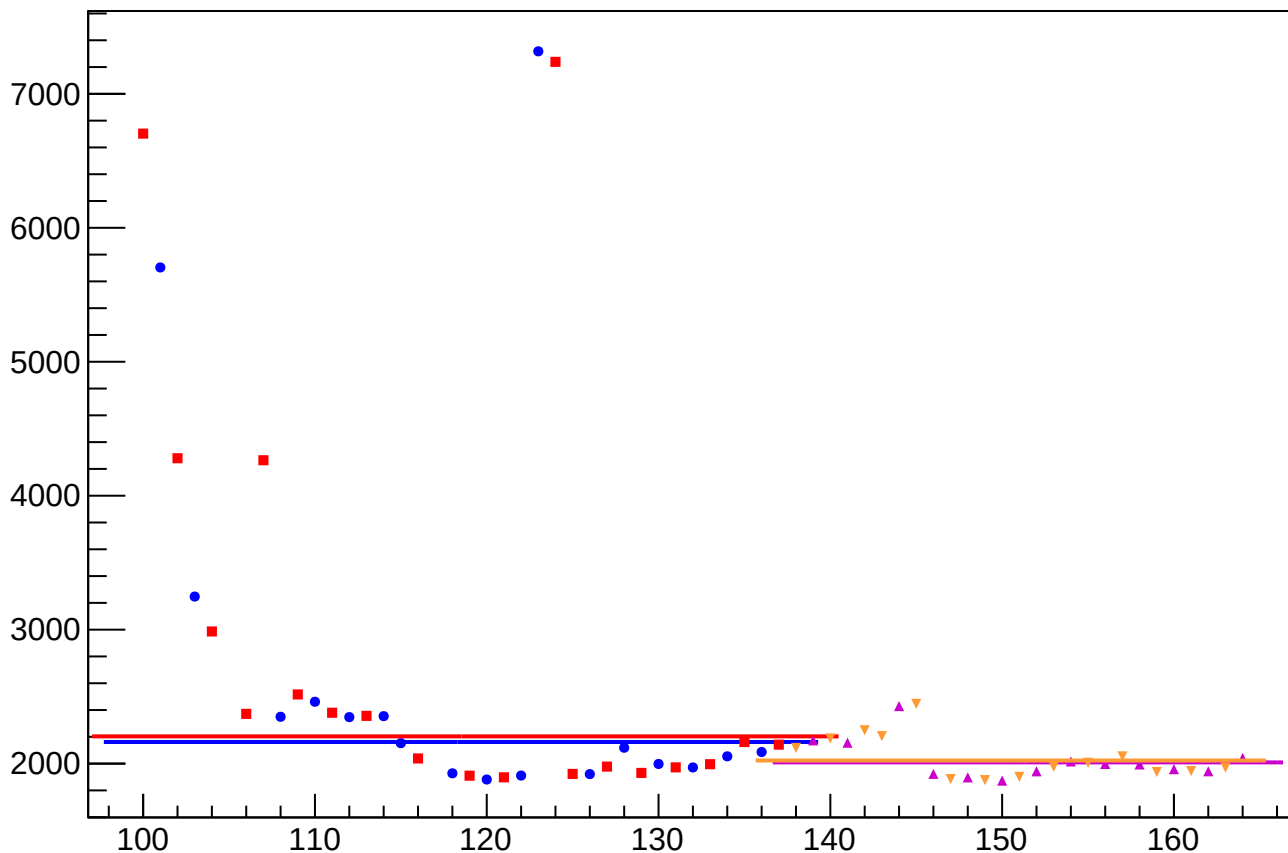
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2129.012 $\pm$ 505.783 χ^2 /NDF:39.2/29

Out: 2215.921 $\pm$ 503.156 χ^2 /NDF:35.2/32

All: 2172.693 $\pm$ 356.710 χ^2 /NDF: 74.3/62

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2023.209 $\pm$ 0.440 χ^2 /NDF:109196.8/13

Right Out: 2203.343 $\pm$ 0.604 χ^2 /NDF: 797393.2/18

Left In: 2009.021 $\pm$ 0.443 χ^2 /NDF:90847.7/12

Left: 2016.153 $\pm$ 0.312 χ^2 /NDF: 200561.2/26

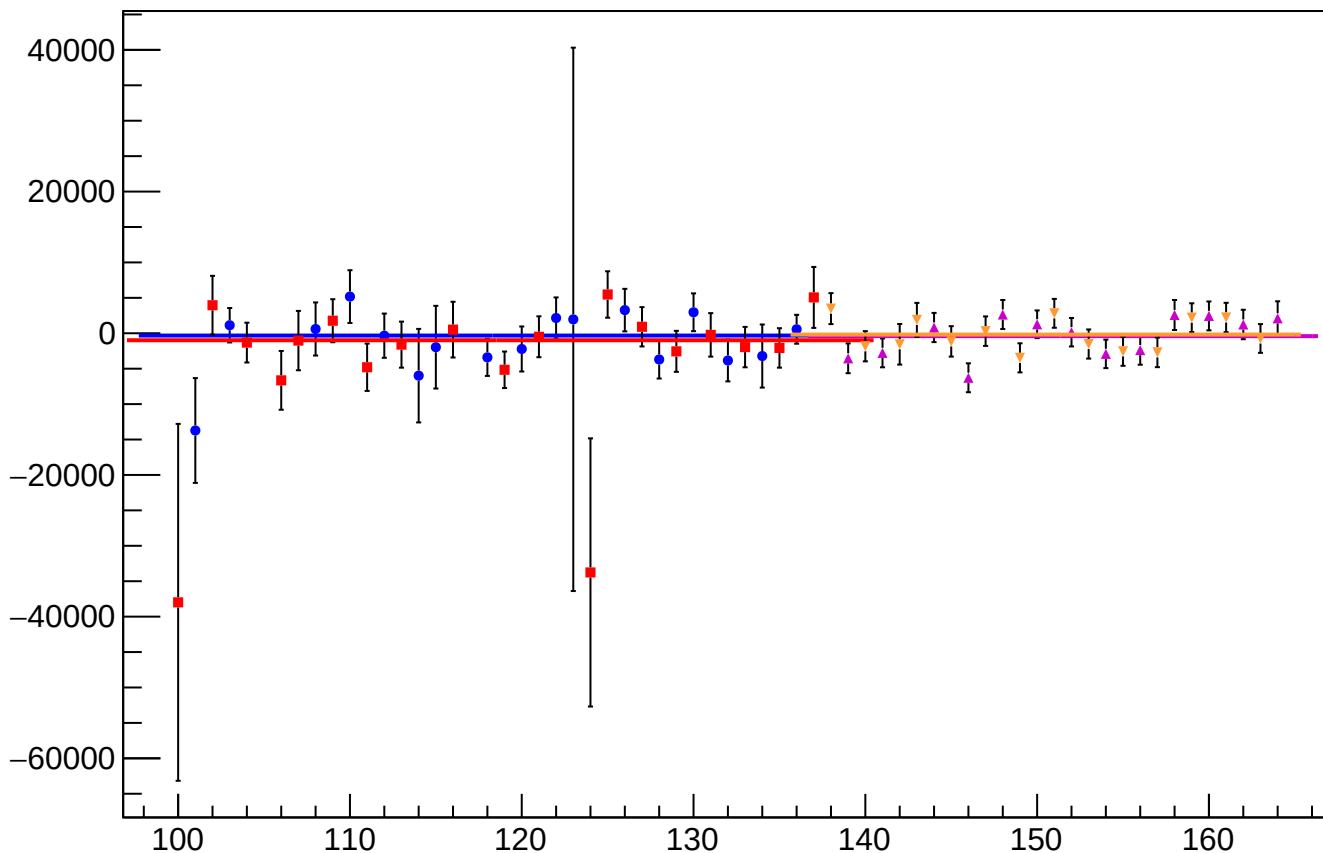
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

In: 2061.868 $\pm$ 0.358 χ^2 /NDF:843231.0/29

Out: 2085.640 $\pm$ 0.356 χ^2 /NDF:964641.4/32

All: 2073.816 $\pm$ 0.252 χ^2 /NDF: 1810093.1/62

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -185.054 ± 570.381 $\chi^2/\text{NDF}: 15.4/13$

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

Left In: -407.998 ± 573.638 $\chi^2/\text{NDF}: 23.3/12$

Left: -295.891 ± 404.467 $\chi^2/\text{NDF}: 38.8/26$

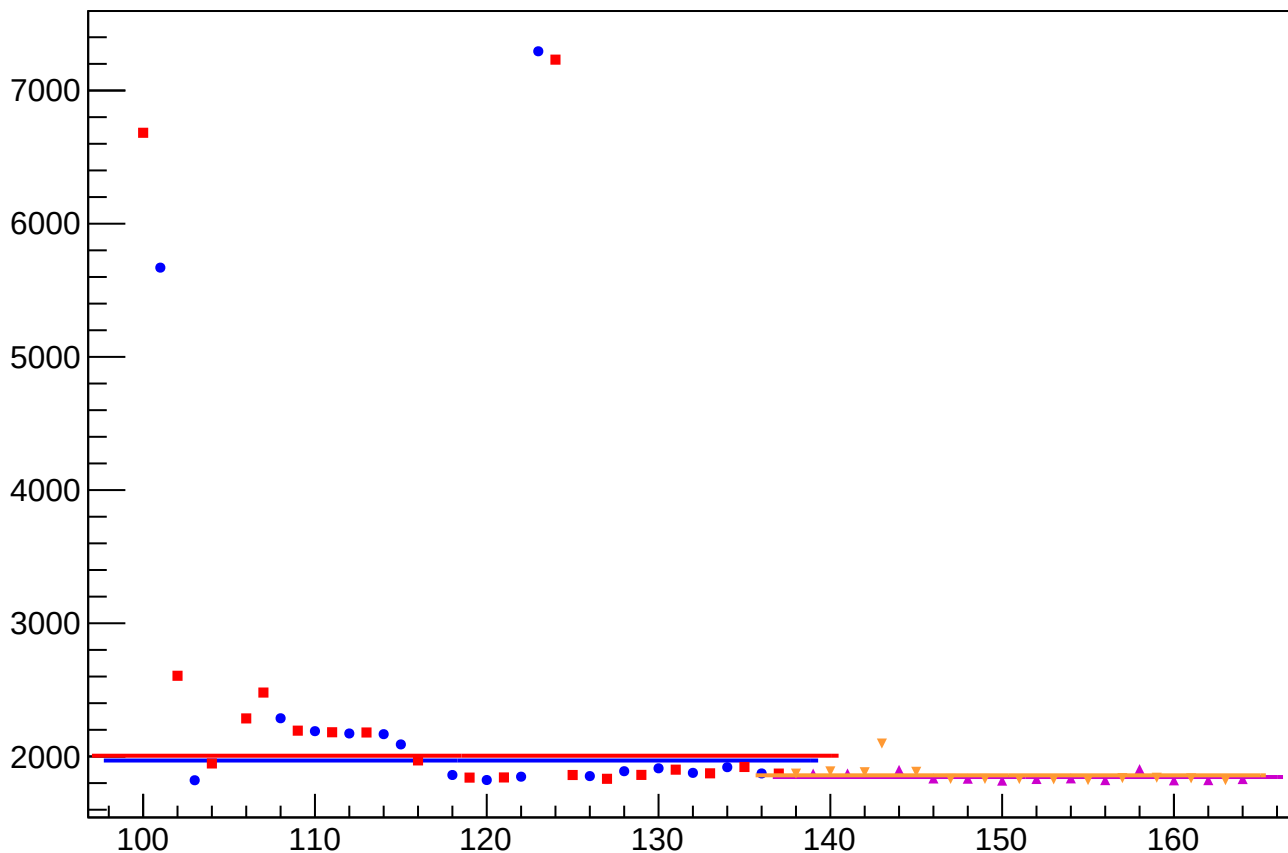
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -378.397 ± 462.019 $\chi^2/\text{NDF}: 39.1/29$

Out: -468.833 ± 458.315 $\chi^2/\text{NDF}: 36.4/32$

All: -423.979 ± 325.379 $\chi^2/\text{NDF}: 75.5/62$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1858.369+/-0.403 χ^2/NDF : 23998.8/13

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

Left In: 1845.601+/-0.406 χ^2/NDF : 5124.4/12

Left: 1852.021+/-0.286 χ^2/NDF : 29621.5/26

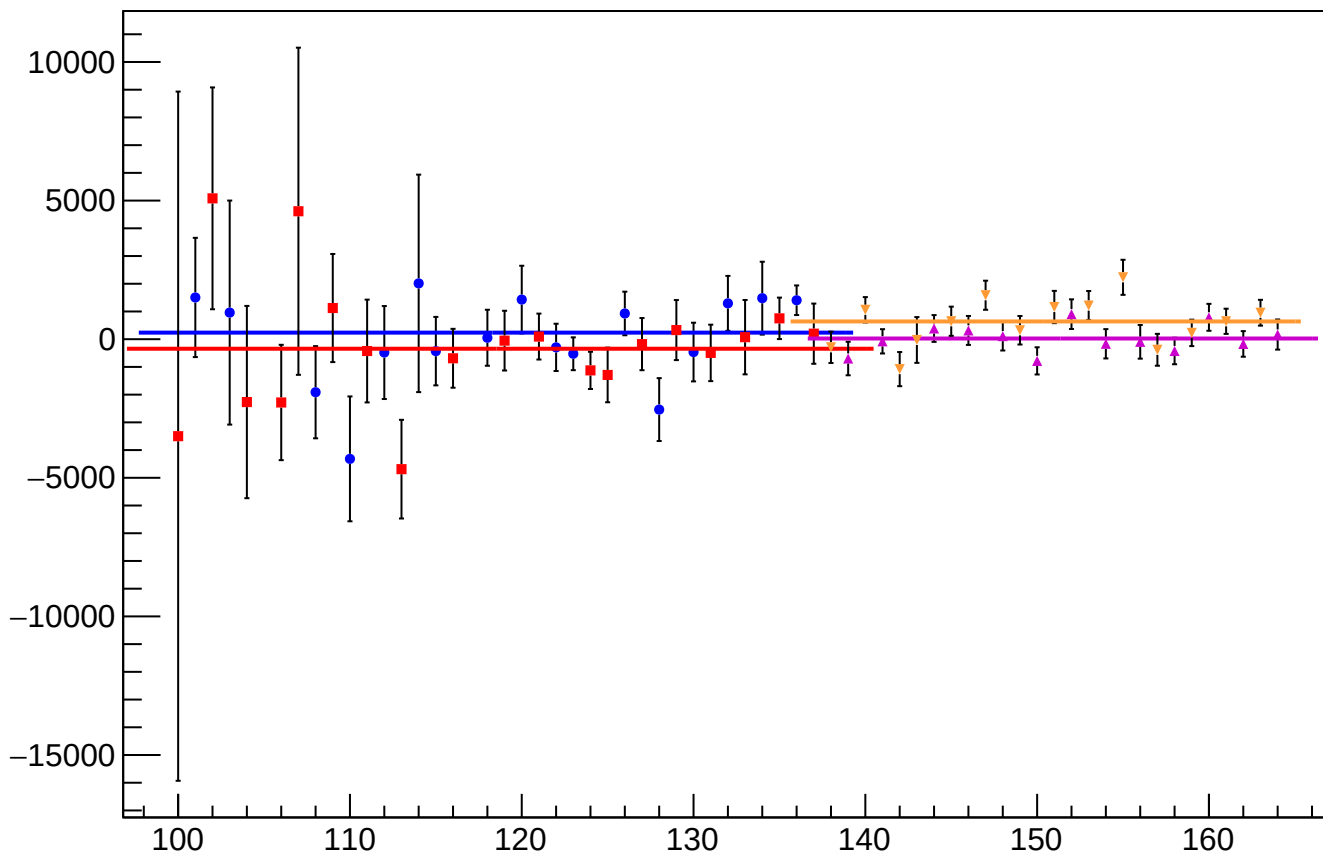
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1889.124+/-0.327 χ^2/NDF : 640708.9/29

Out: 1910.523+/-0.324 χ^2/NDF : 430832.8/32

All: 1899.910+/-0.230 χ^2/NDF : 1073704.1/62

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 640.180 $\pm$ 142.891 χ^2 /NDF:28.3/13

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

Left In: 24.711 $\pm$ 141.108 χ^2 /NDF:11.6/12

Left: 328.582 $\pm$ 100.403 χ^2 /NDF: 49.3/26

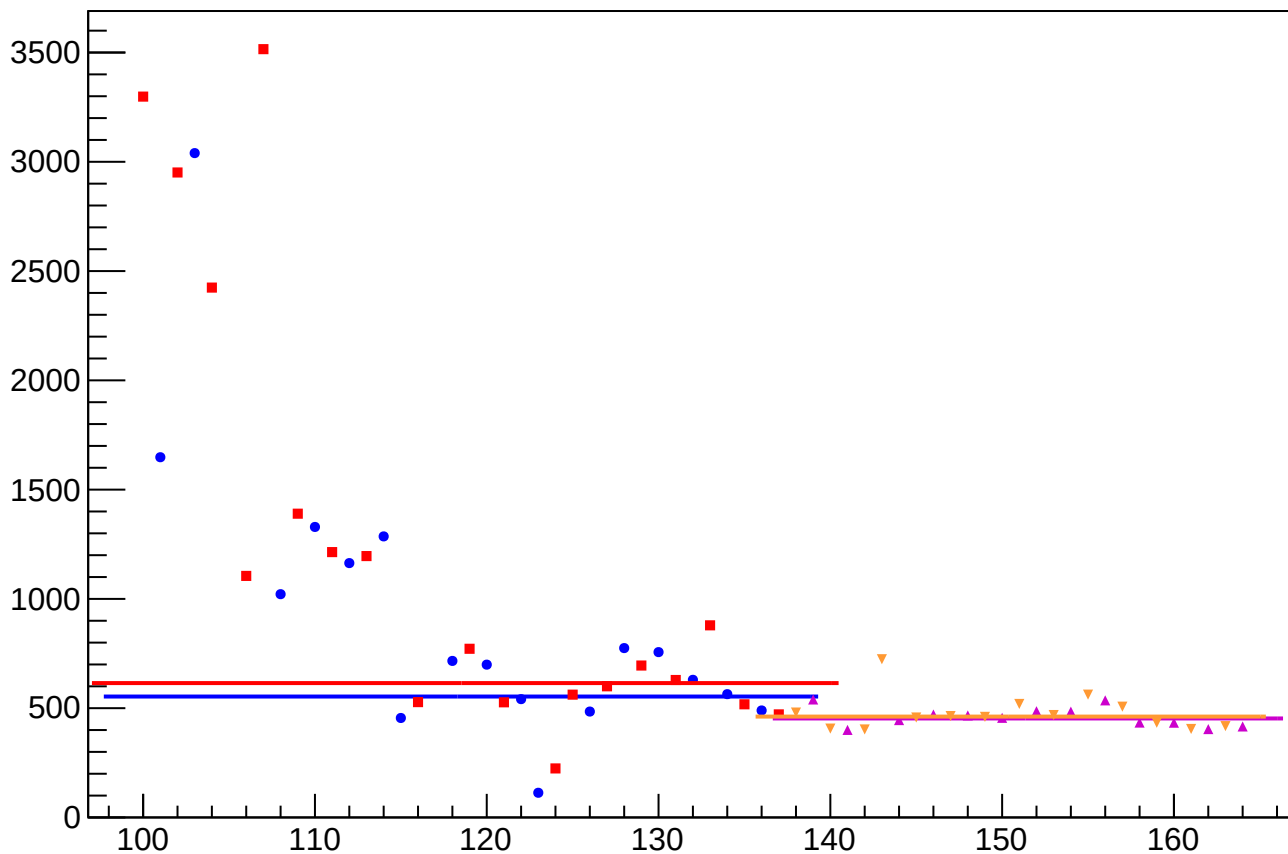
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 76.406 $\pm$ 122.718 χ^2 /NDF:36.0/29

Out: 422.924 $\pm$ 126.142 χ^2 /NDF:54.8/32

All: 244.898 $\pm$ 87.960 χ^2 /NDF: 94.6/62

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280 $\pm$ 0.176 χ^2 /NDF: 3412747.4/16

Left Out: 461.539 $\pm$ 0.101 χ^2 /NDF: 390001.5/13

Right Out: 614.829 $\pm$ 0.190 χ^2 /NDF: 3569607.7/18

Left In: 452.939 $\pm$ 0.100 χ^2 /NDF: 163443.4/12

Left: 457.185 $\pm$ 0.071 χ^2 /NDF: 557112.9/26

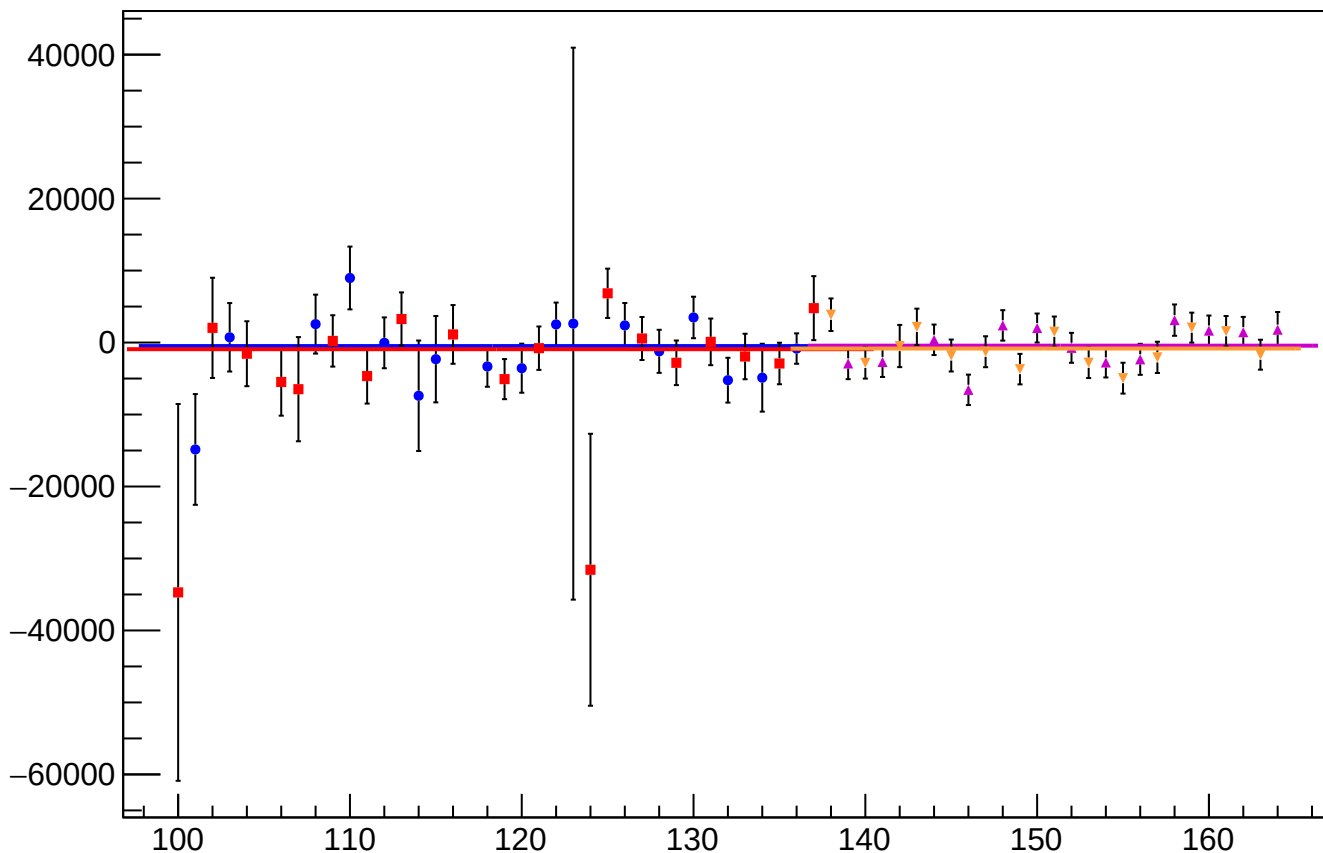
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 477.389 $\pm$ 0.087 χ^2 /NDF: 3822615.4/29

Out: 495.368 $\pm$ 0.089 χ^2 /NDF: 4467566.2/32

All: 486.131 $\pm$ 0.062 χ^2 /NDF: 8311056.6/62

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -830.595+/-589.676 χ^2/NDF : 18.1/13

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

Left In: -434.878+/-591.536 χ^2/NDF : 21.6/12

Left: -633.360+/-417.620 χ^2/NDF : 39.9/26

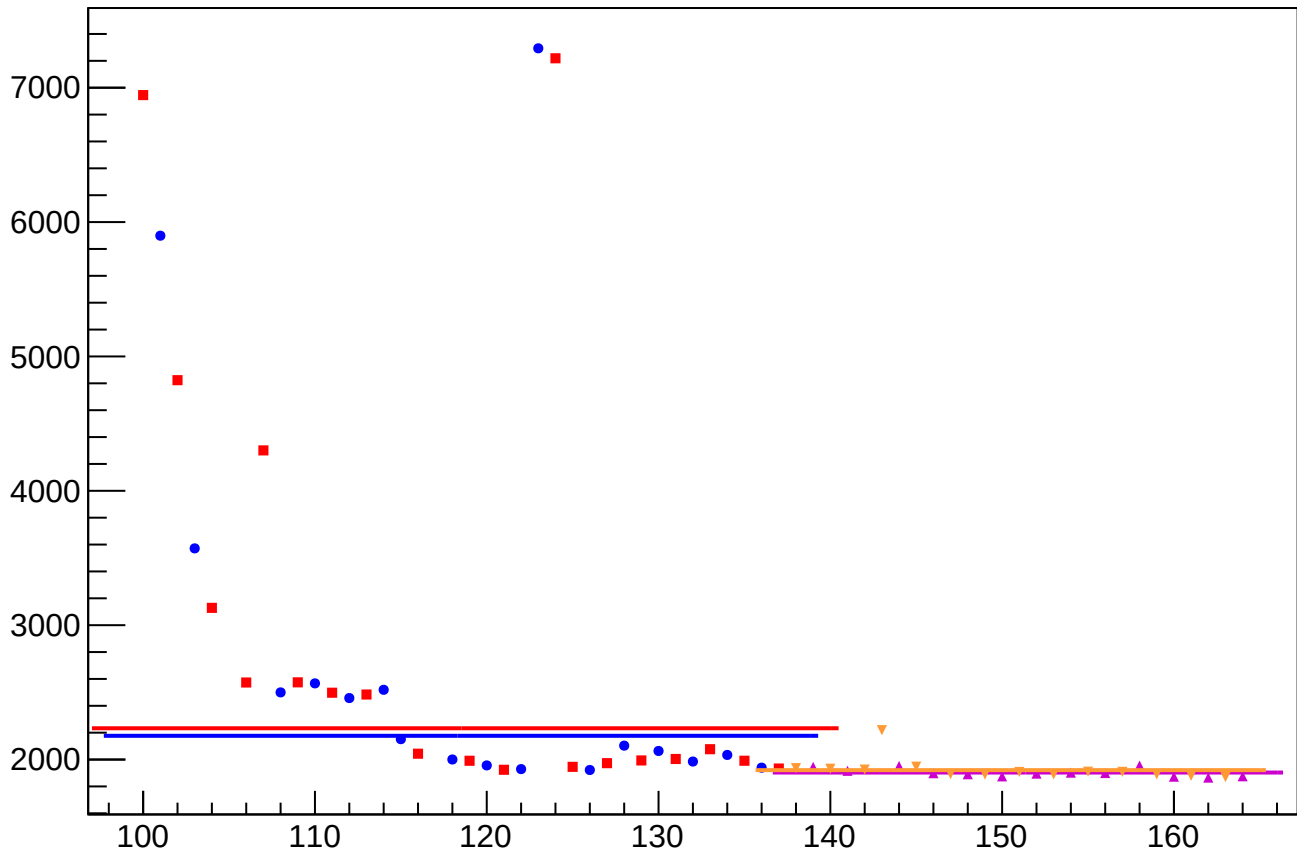
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -452.975+/-488.815 χ^2/NDF : 40.2/29

Out: -859.400+/-487.883 χ^2/NDF : 37.0/32

All: -656.575+/-345.315 χ^2/NDF : 77.5/62

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1921.119 ± 0.417 χ^2/NDF : 31752.2/13

Right Out: 2232.883 ± 0.614 χ^2/NDF : 890552.7/18

Left In: 1903.388 ± 0.418 χ^2/NDF : 4869.0/12

Left: 1912.281 ± 0.295 χ^2/NDF : 37522.5/26

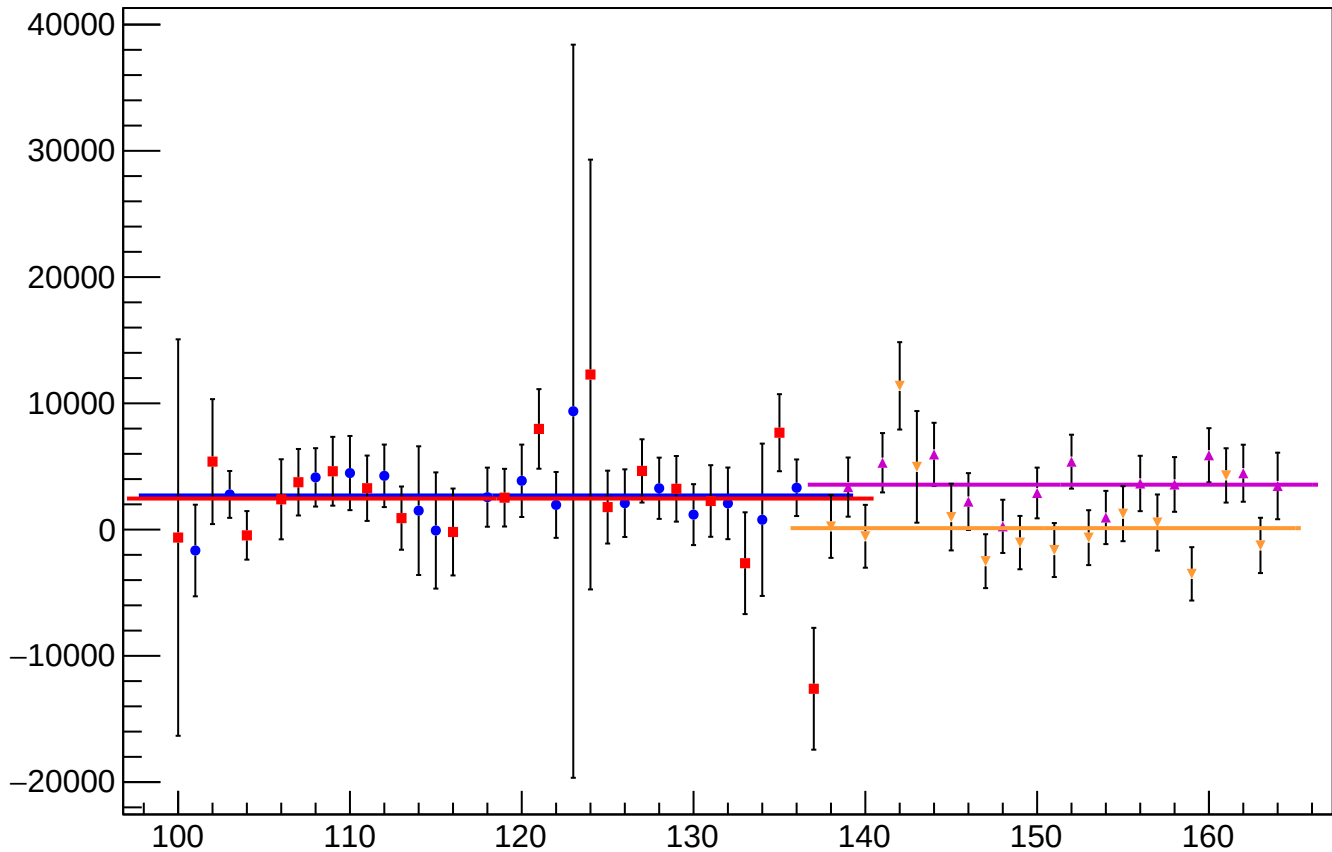
Right: 2204.793 ± 0.434 χ^2/NDF : 1697410.2/35

In: 1990.083 ± 0.346 χ^2/NDF : 943002.0/29

Out: 2019.465 ± 0.345 χ^2/NDF : 1098660.4/32

All: 2004.802 ± 0.244 χ^2/NDF : 2045282.5/62

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 115.460 $\pm$ 627.999 χ^2 /NDF:22.0/13

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

Left In: 3558.028 $\pm$ 618.424 χ^2 /NDF:8.0/12

Left: 1863.188 $\pm$ 440.638 χ^2 /NDF: 45.2/26

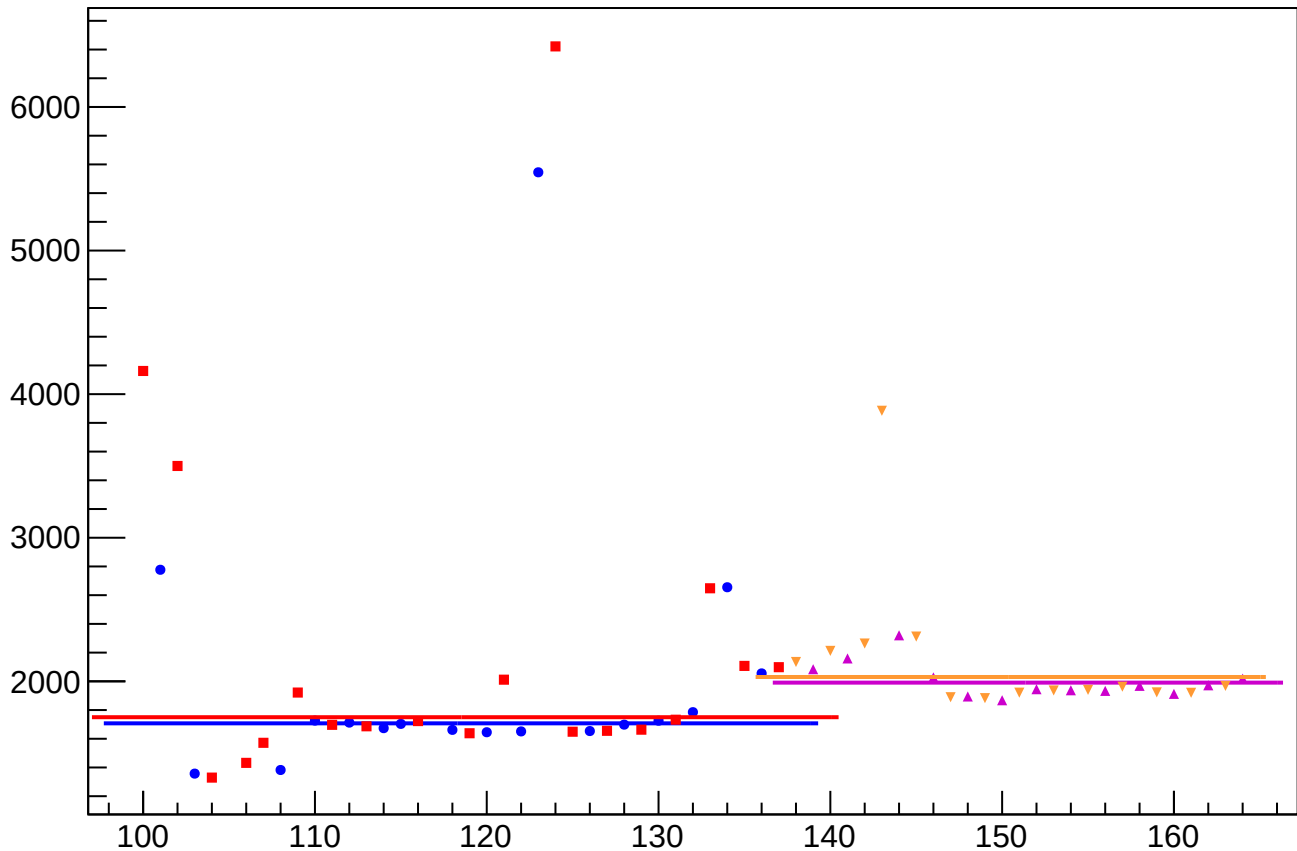
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3167.381 $\pm$ 455.644 χ^2 /NDF:12.9/29

Out: 1189.591 $\pm$ 462.171 χ^2 /NDF:51.6/32

All: 2192.552 $\pm$ 324.472 χ^2 /NDF: 73.8/62

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 ± 0.477 $\chi^2/\text{NDF}: 422166.4/16$

Left Out: 2030.182 ± 0.444 $\chi^2/\text{NDF}: 442447.5/13$

Right Out: 1750.114 ± 0.483 $\chi^2/\text{NDF}: 746498.0/18$

Left In: 1990.887 ± 0.437 $\chi^2/\text{NDF}: 67051.2/12$

Left: 2010.233 ± 0.312 $\chi^2/\text{NDF}: 513474.2/26$

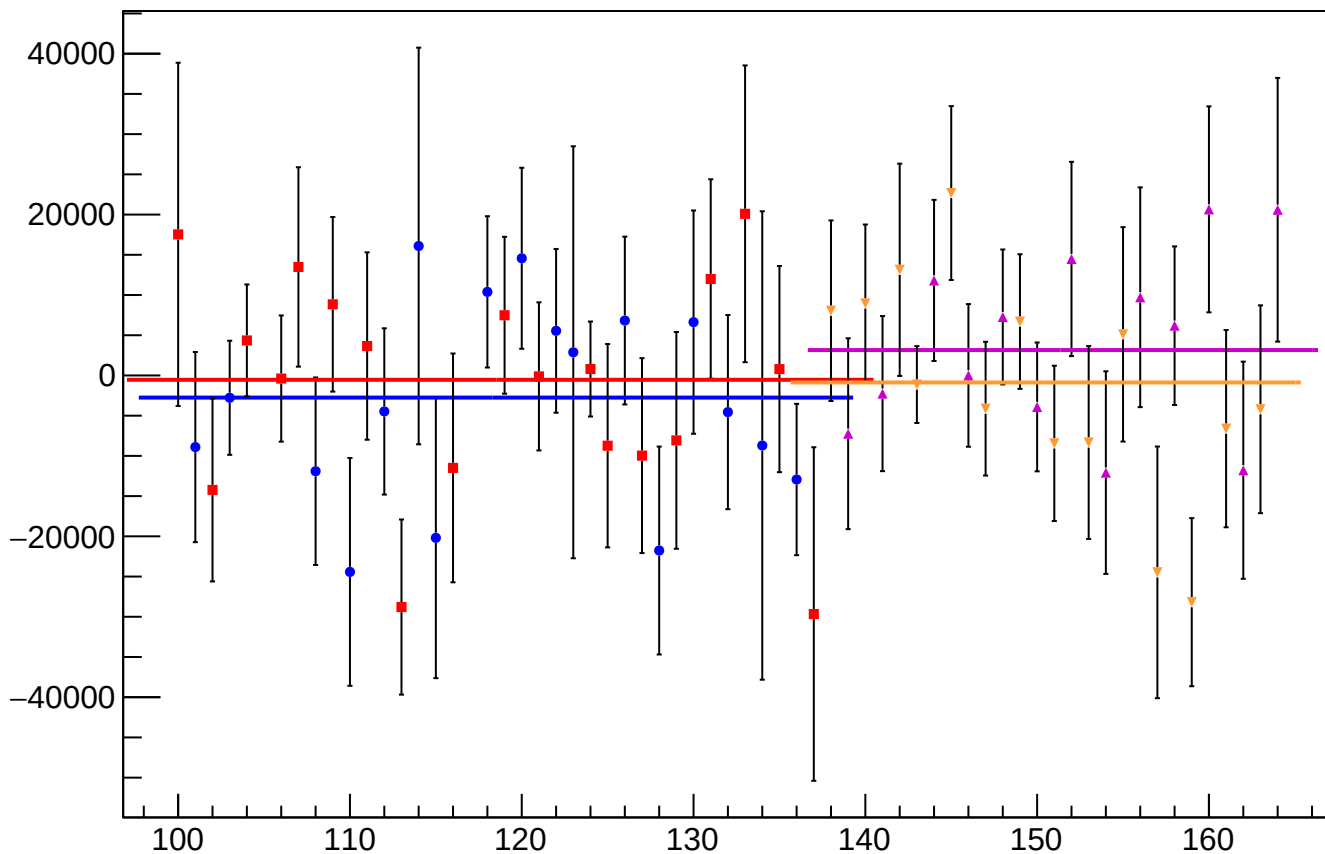
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1861.284 ± 0.322 $\chi^2/\text{NDF}: 681362.4/29$

Out: 1901.764 ± 0.327 $\chi^2/\text{NDF}: 1371336.1/32$

All: 1881.238 ± 0.229 $\chi^2/\text{NDF}: 2060480.3/62$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 $\pm$ 2842.399 χ^2/NDF : 14.6/16

Left Out: -871.347 $\pm$ 2545.349 χ^2/NDF : 19.1/13

Right Out: -538.445 $\pm$ 2424.977 χ^2/NDF : 18.5/18

Left In: 3157.298 $\pm$ 2955.631 χ^2/NDF : 9.9/12

Left: 844.167 $\pm$ 1928.715 χ^2/NDF : 30.0/26

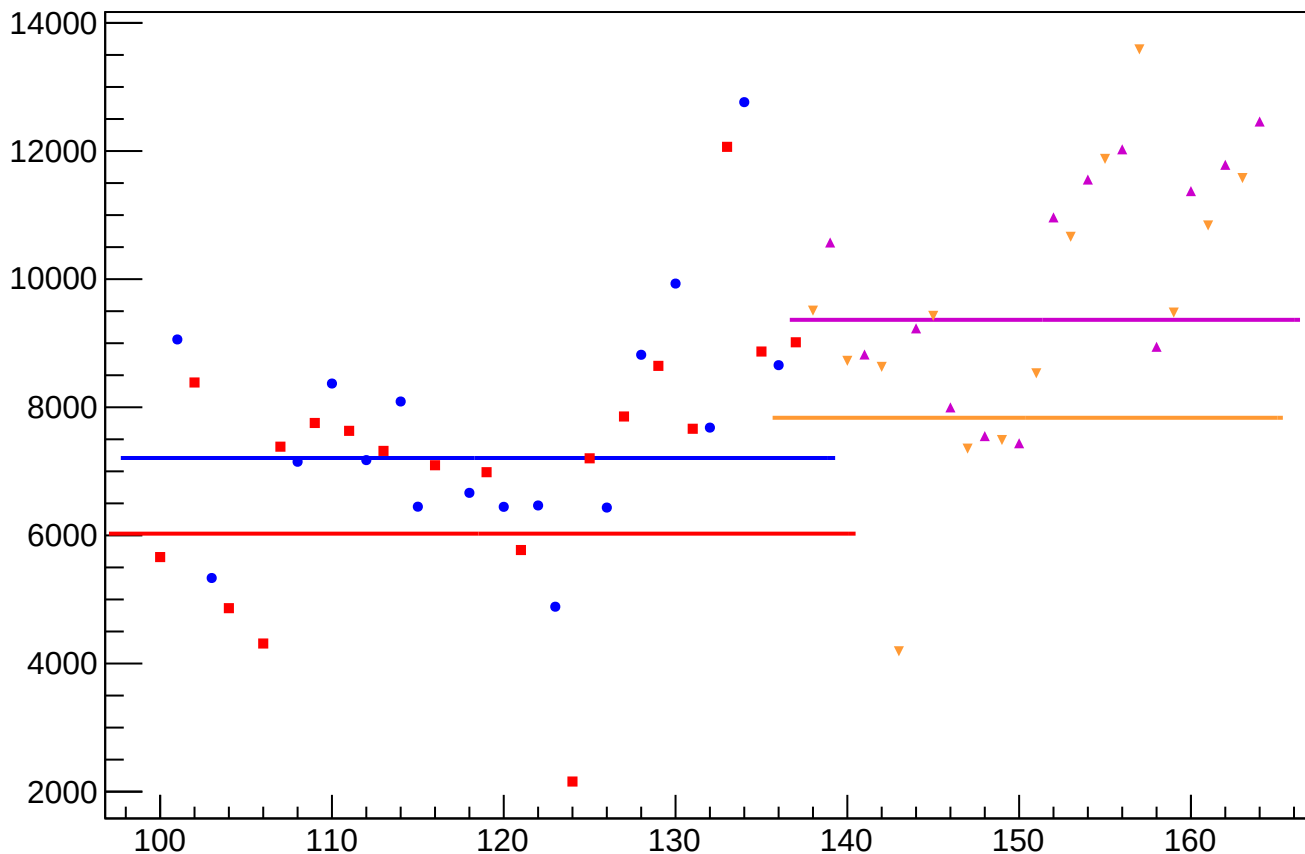
Right: -1470.363 $\pm$ 1844.820 χ^2/NDF : 33.4/35

In: 87.950 $\pm$ 2048.741 χ^2/NDF : 26.5/29

Out: -696.839 $\pm$ 1755.730 χ^2/NDF : 37.6/32

All: -364.530 $\pm$ 1333.157 χ^2/NDF : 64.2/62

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7836.139+/-1.800 χ^2/NDF : 2197318.1/13

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

Left In: 9365.136+/-2.090 χ^2/NDF : 644200.8/12

Left: 8487.231+/-1.364 χ^2/NDF : 3148834.1/26

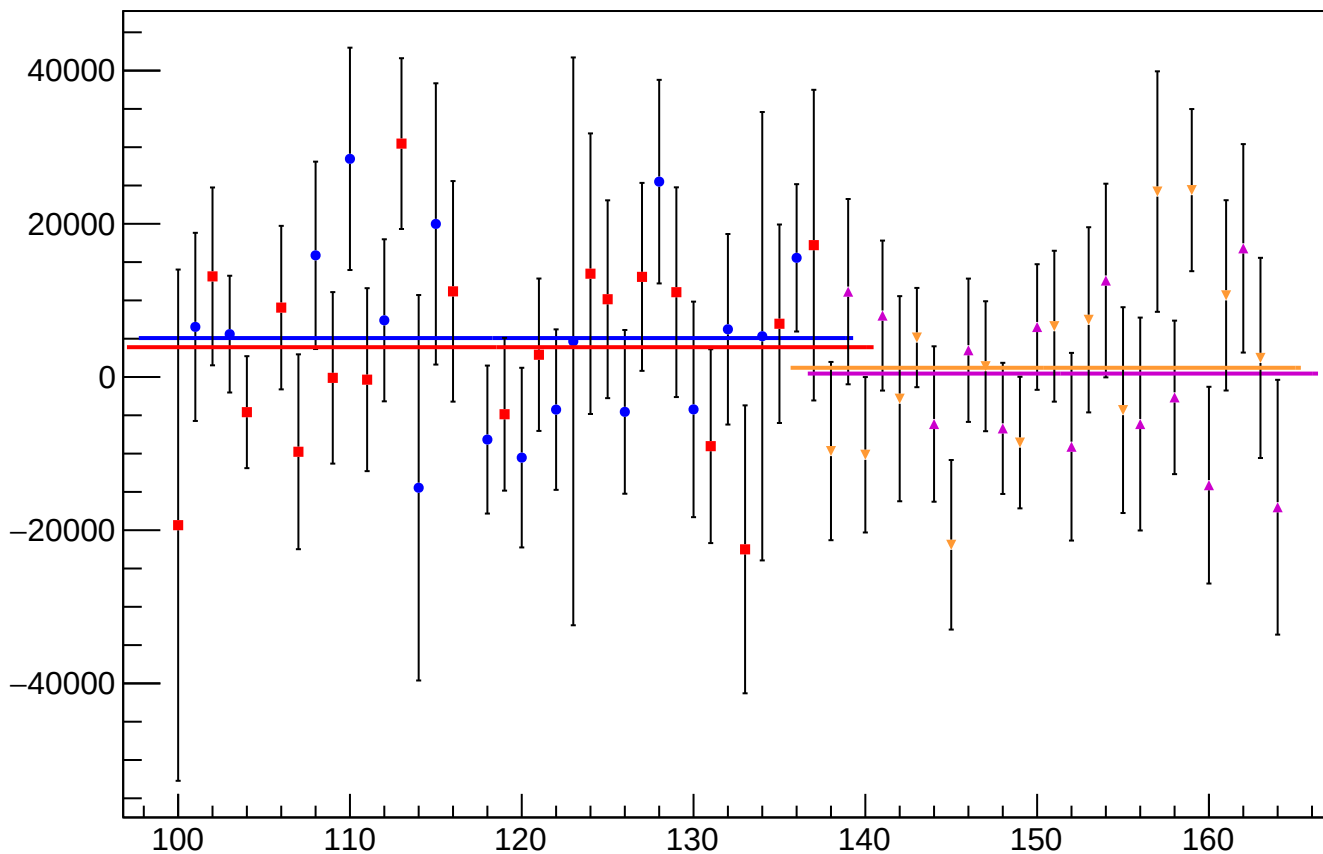
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8244.636+/-1.449 χ^2/NDF : 1691236.0/29

Out: 6887.996+/-1.241 χ^2/NDF : 4524874.2/32

All: 7462.447+/-0.943 χ^2/NDF : 6721739.9/62

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1204.554+/-2772.131 χ^2/NDF :16.5/13

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

Left In: 446.863+/-3014.152 χ^2/NDF :8.8/12

Left: 857.345+/-2040.397 χ^2/NDF : 25.4/26

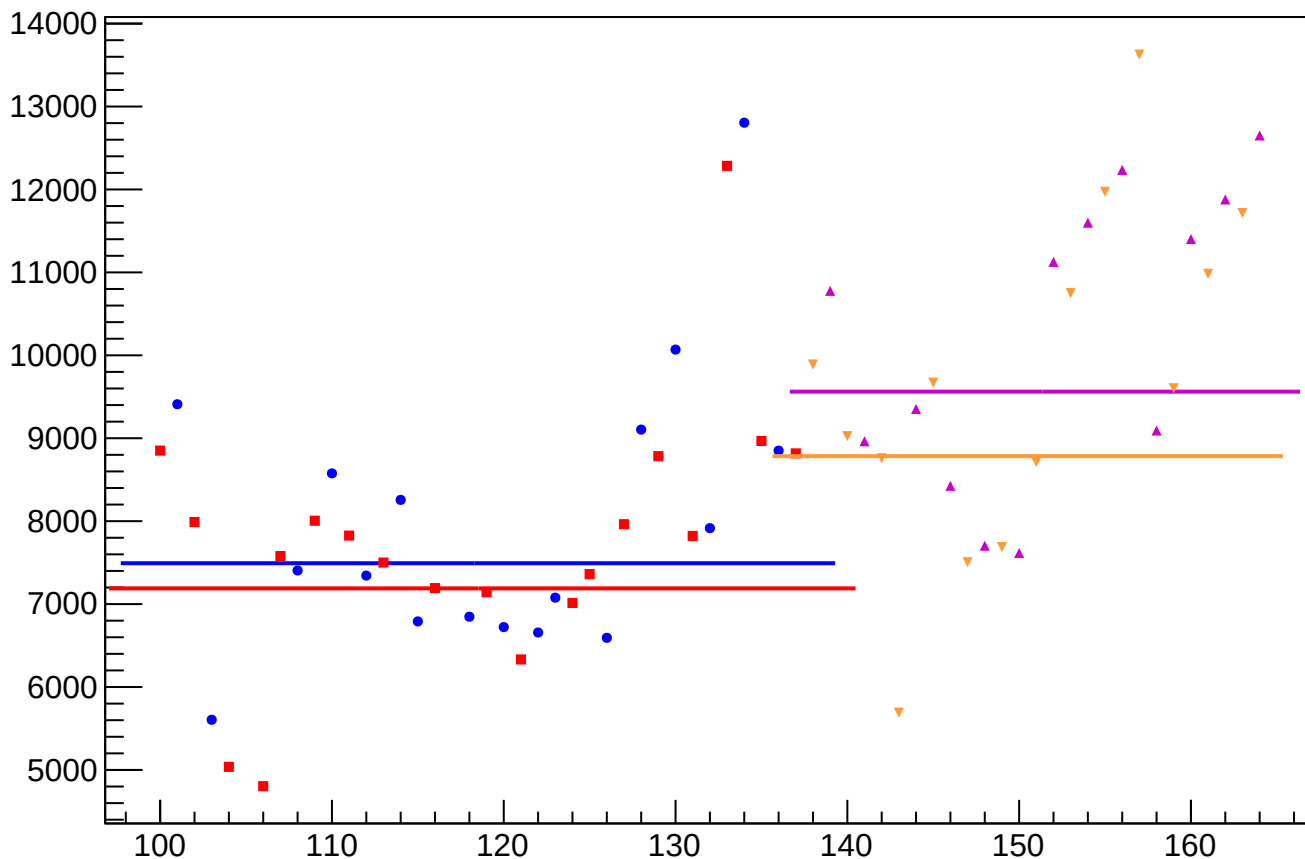
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 2811.507+/-2110.192 χ^2/NDF :24.0/29

Out: 2539.517+/-1966.575 χ^2/NDF :32.7/32

All: 2665.942+/-1438.674 χ^2/NDF : 56.7/62

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8783.933+/-1.960 χ^2/NDF : 1097165.1/13

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

Left In: 9561.702+/-2.131 χ^2/NDF : 595962.8/12

Left: 9140.343+/-1.443 χ^2/NDF : 1765272.4/26

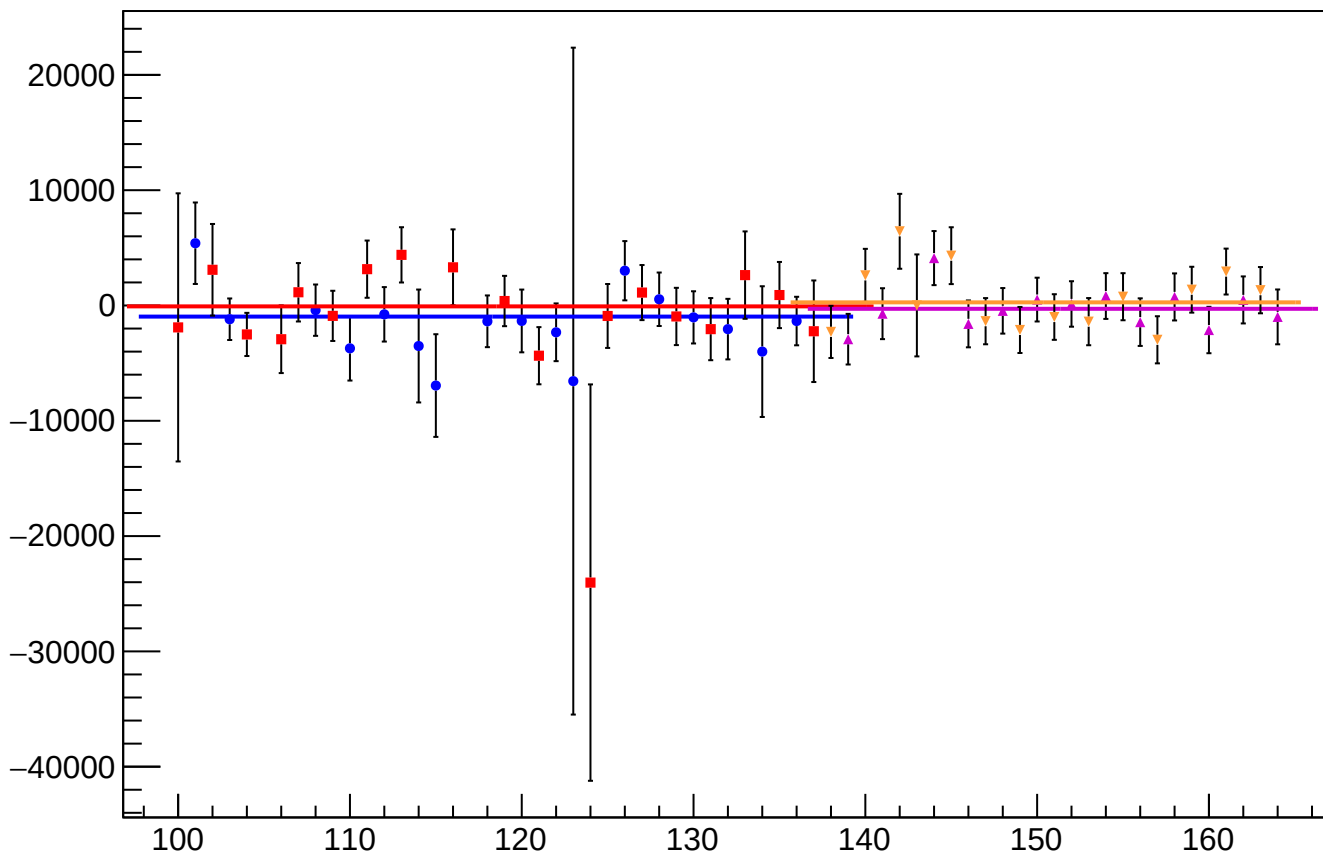
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8506.870+/-1.492 χ^2/NDF : 1513441.7/29

Out: 7991.816+/-1.390 χ^2/NDF : 1986756.7/32

All: 8231.208+/-1.017 χ^2/NDF : 3563970.1/62

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 272.157 $\pm$ 584.959 χ^2 /NDF:16.8/13

Right Out: -76.747 $\pm$ 633.483 χ^2 /NDF: 16.7/18

Left In: -287.517 $\pm$ 575.431 χ^2 /NDF:7.6/12

Left: -12.275 $\pm$ 410.218 χ^2 /NDF: 24.8/26

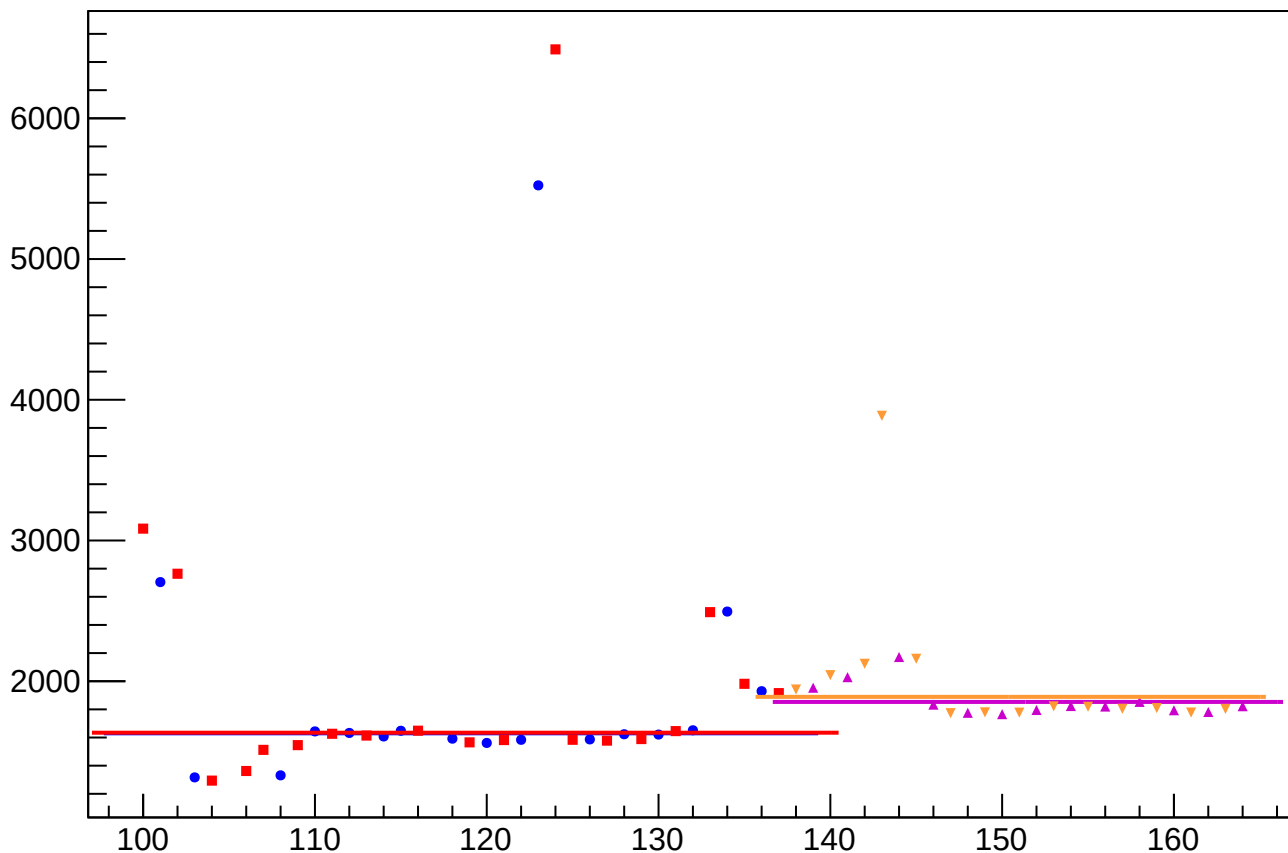
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -587.697 $\pm$ 428.804 χ^2 /NDF:18.3/29

Out: 111.578 $\pm$ 429.761 χ^2 /NDF:33.7/32

All: -238.839 $\pm$ 303.548 χ^2 /NDF: 53.3/62

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1888.945+/-0.414 χ^2/NDF : 492883.5/13

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

Left In: 1852.872+/-0.407 χ^2/NDF : 68542.1/12

Left: 1870.612+/-0.290 χ^2/NDF : 565291.0/26

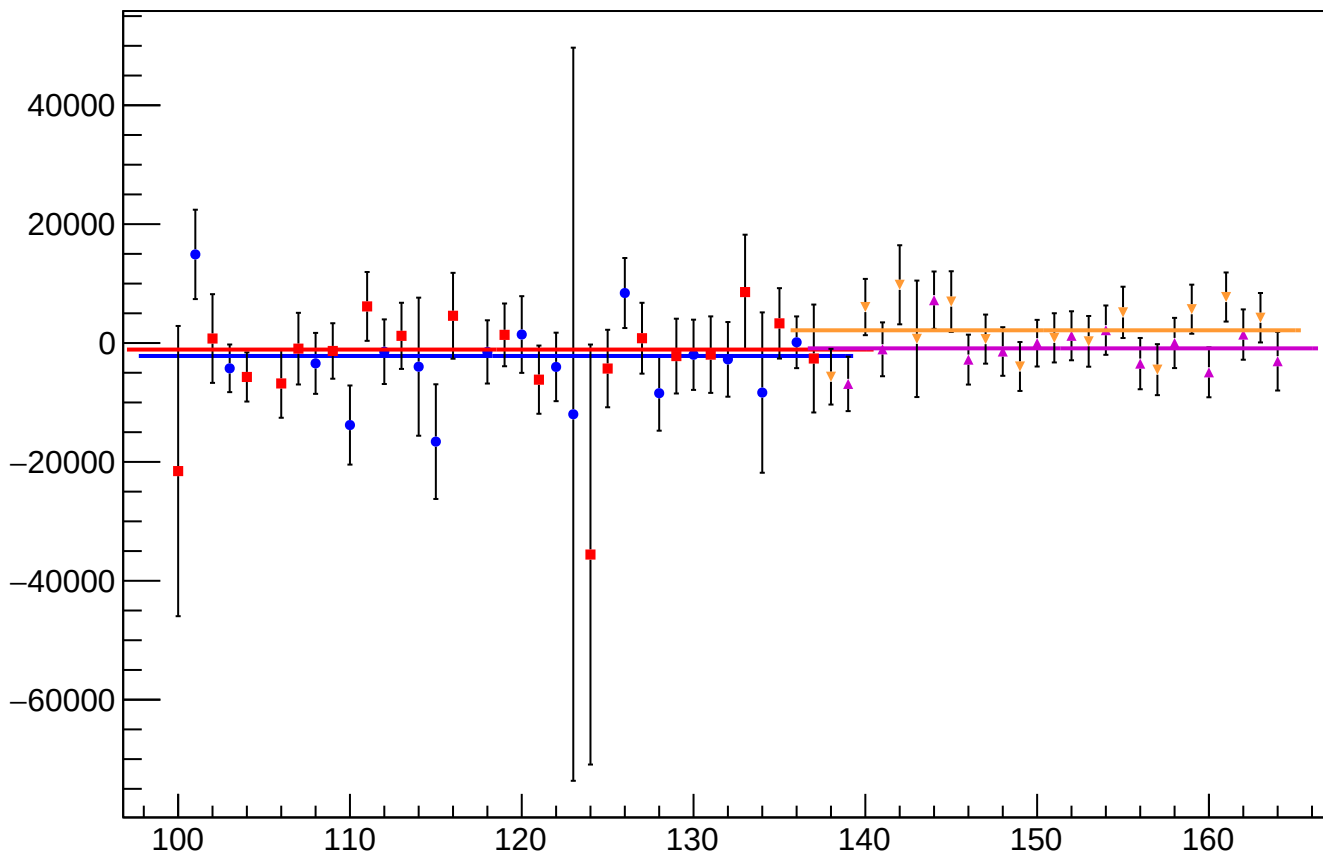
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1753.741+/-0.303 χ^2/NDF : 610168.0/29

Out: 1771.728+/-0.304 χ^2/NDF : 1256025.8/32

All: 1762.715+/-0.215 χ^2/NDF : 1867949.3/62

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 $\chi^2/\text{NDF}: 16.0/16$

Left Out: 2142.035 ± 1216.376 $\chi^2/\text{NDF}: 14.0/13$

Right Out: -1098.345 ± 1439.820 $\chi^2/\text{NDF}: 9.3/18$

Left In: -896.595 ± 1194.255 $\chi^2/\text{NDF}: 7.4/12$

Left: 594.839 ± 852.179 $\chi^2/\text{NDF}: 24.6/26$

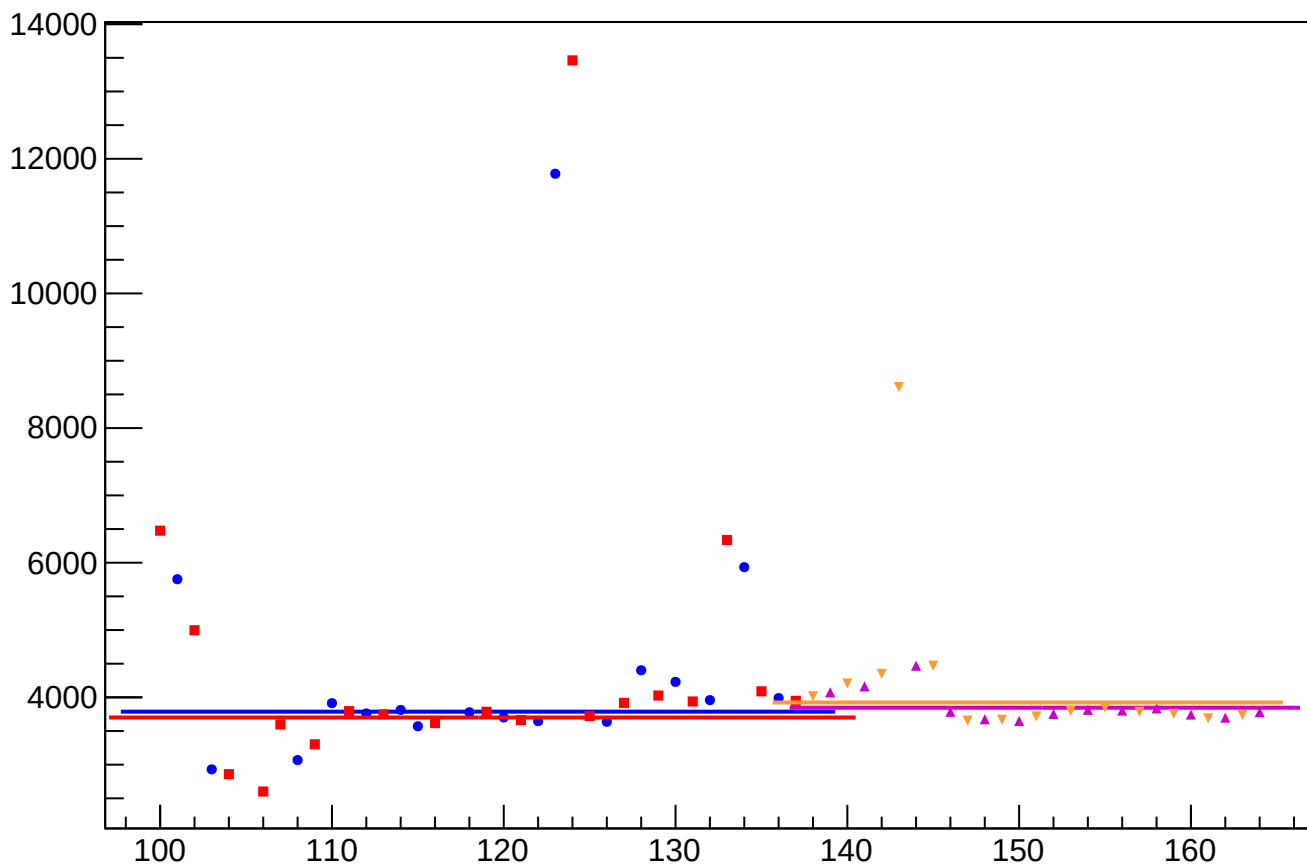
Right: -1619.192 ± 1036.406 $\chi^2/\text{NDF}: 25.5/35$

In: -1397.056 ± 932.607 $\chi^2/\text{NDF}: 23.9/29$

Out: 792.517 ± 929.179 $\chi^2/\text{NDF}: 26.2/32$

All: -298.239 ± 658.238 $\chi^2/\text{NDF}: 52.9/62$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3924.044 $\pm$ 0.860 χ^2 /NDF: 535982.7/13

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

Left In: 3846.121 $\pm$ 0.844 χ^2 /NDF: 62541.4/12

Left: 3884.368 $\pm$ 0.603 χ^2 /NDF: 602703.3/26

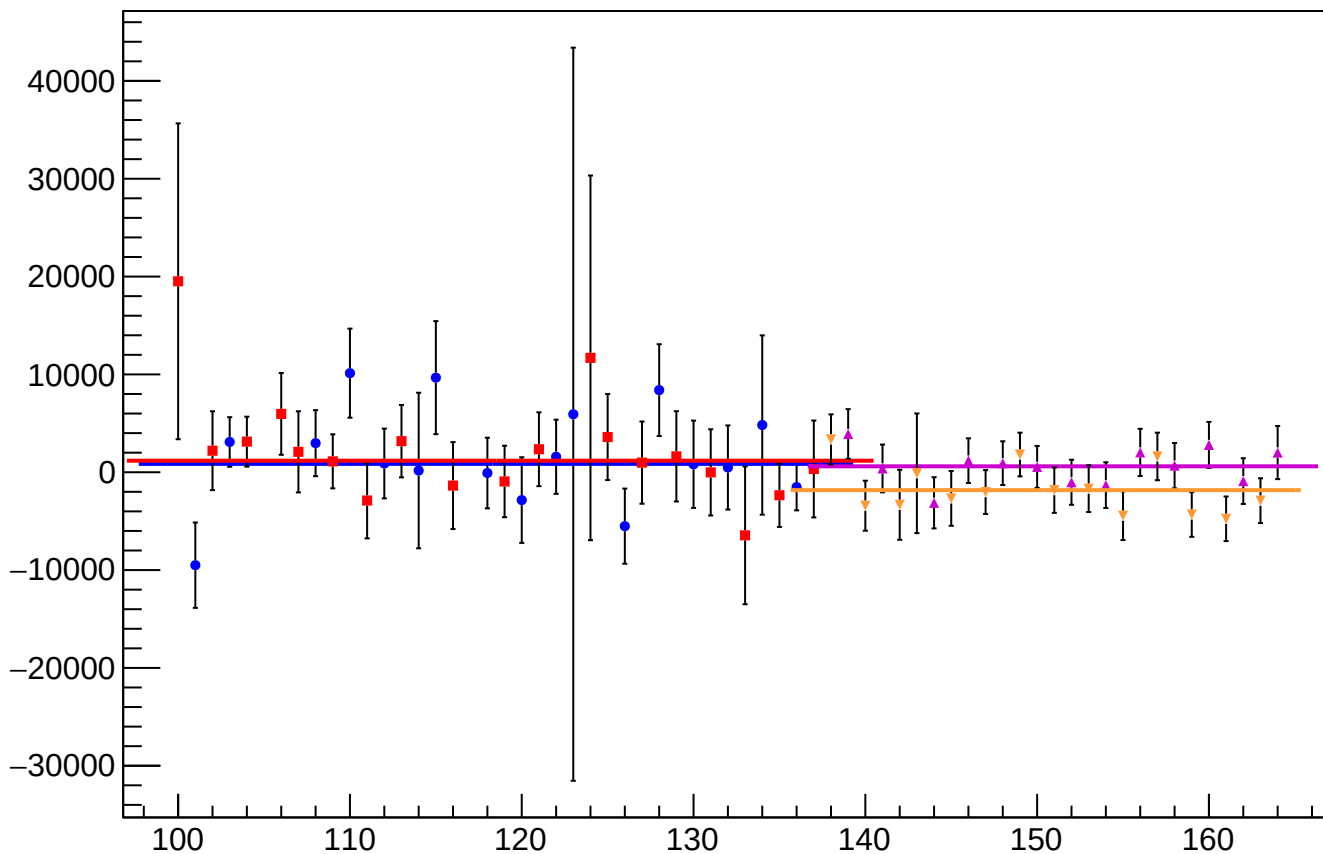
Right: 3742.549 $\pm$ 0.733 χ^2 /NDF: 977213.6/35

In: 3823.171 $\pm$ 0.659 χ^2 /NDF: 457085.1/29

Out: 3831.122 $\pm$ 0.657 χ^2 /NDF: 1145101.9/32

All: 3827.161 $\pm$ 0.465 χ^2 /NDF: 1602260.1/62

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1828.497 ± 673.607 χ^2/NDF : 13.7/13

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

Left In: 605.176 ± 658.418 χ^2/NDF : 6.9/12

Left: -583.913 ± 470.850 χ^2/NDF : 27.2/26

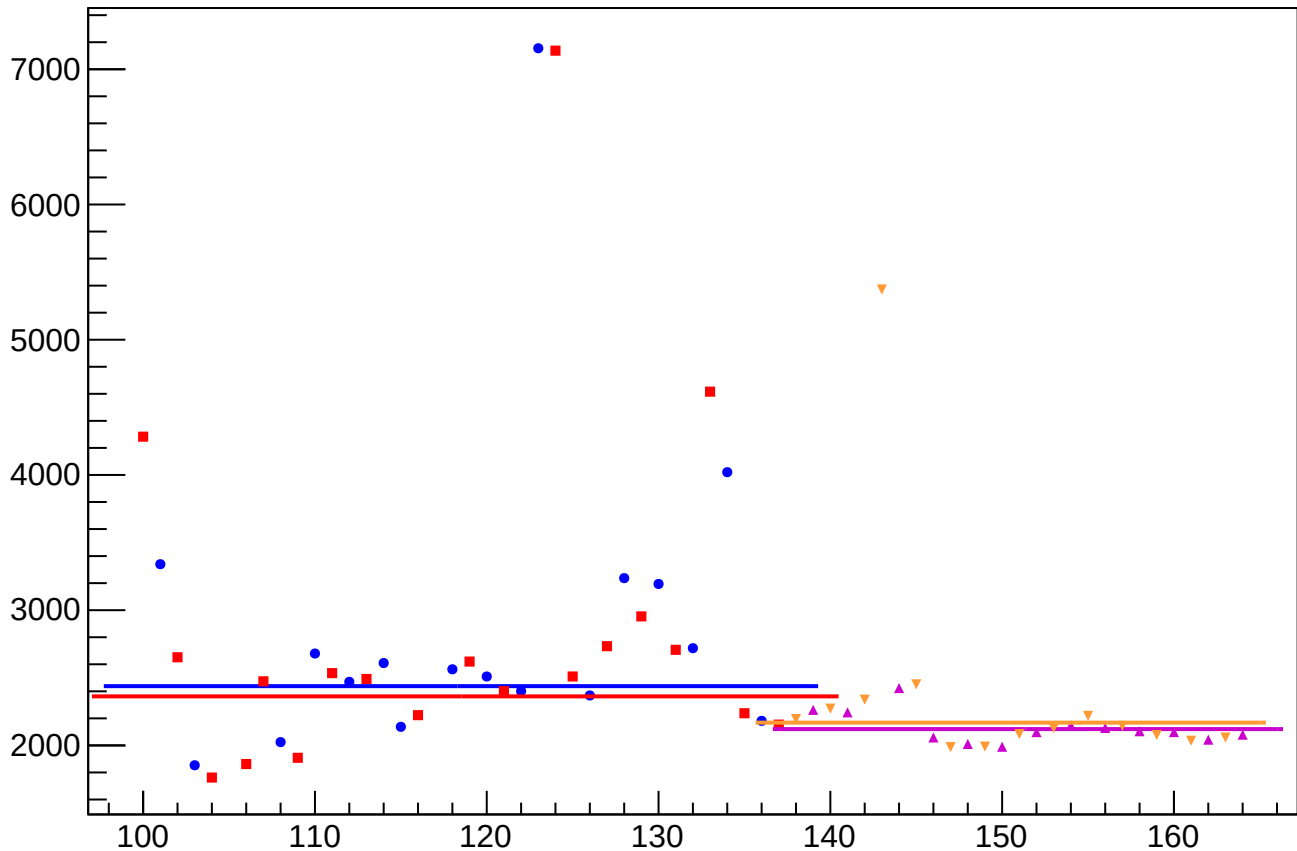
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 684.940 ± 543.835 χ^2/NDF : 27.6/29

Out: -787.603 ± 544.660 χ^2/NDF : 29.1/32

All: -50.216 ± 384.841 χ^2/NDF : 60.4/62

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2168.598+/-0.476 χ^2/NDF : 621818.2/13

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

Left In: 2120.782+/-0.466 χ^2/NDF : 55428.6/12

Left: 2144.145+/-0.333 χ^2/NDF : 682400.6/26

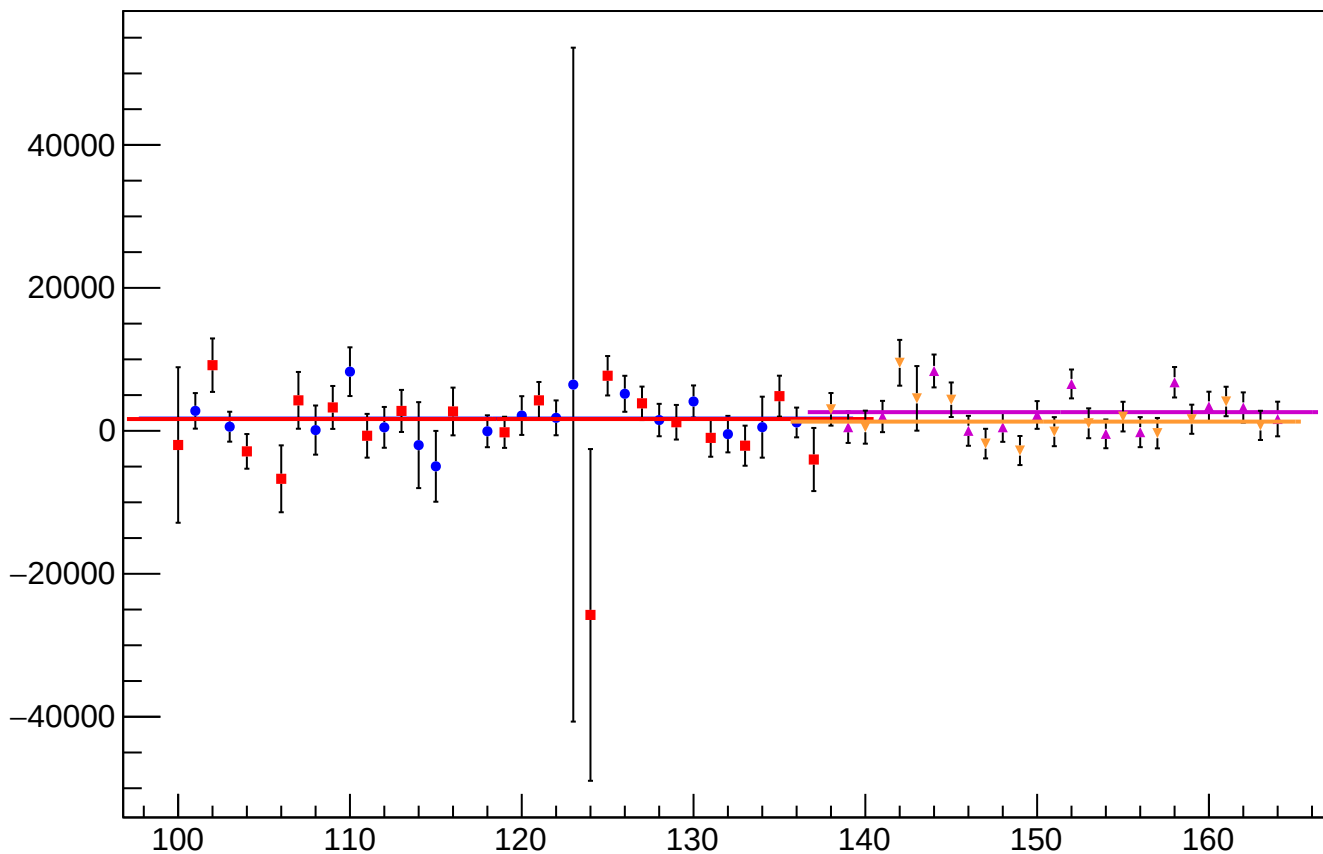
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2221.672+/-0.385 χ^2/NDF : 679929.2/29

Out: 2235.812+/-0.385 χ^2/NDF : 1336860.0/32

All: 2228.731+/-0.272 χ^2/NDF : 2017464.3/62

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1291.215+/-596.295 χ^2/NDF : 18.7/13

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

Left In: 2615.385+/-586.614 χ^2/NDF : 22.0/12

Left: 1964.137+/-418.180 χ^2/NDF : 43.3/26

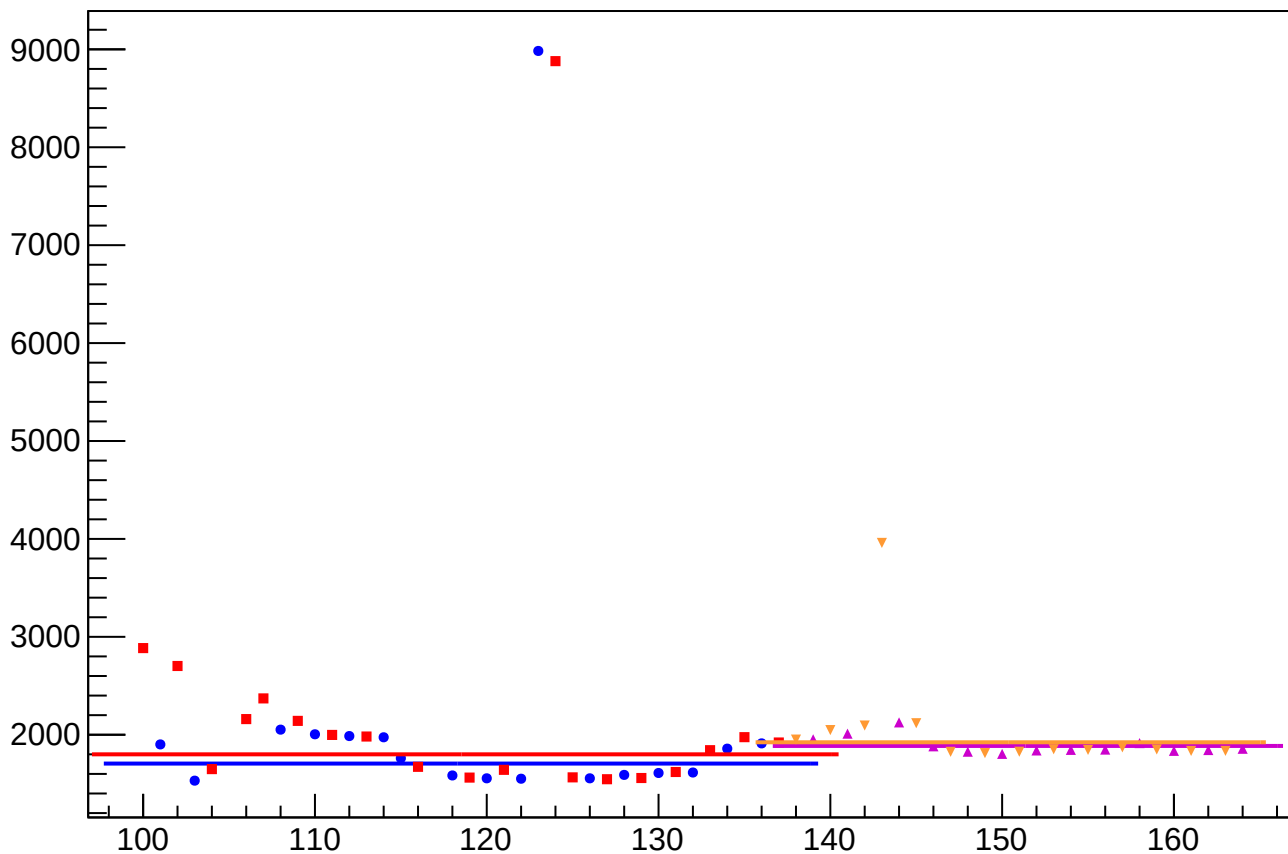
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2221.730+/-440.535 χ^2/NDF : 34.4/29

Out: 1443.745+/-452.356 χ^2/NDF : 45.8/32

All: 1843.035+/-315.602 χ^2/NDF : 81.8/62

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1923.059 $\pm$ 0.422 χ^2 /NDF: 462181.3/13

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1885.697 $\pm$ 0.415 χ^2 /NDF: 40588.3/12

Left: 1904.072 $\pm$ 0.296 χ^2 /NDF: 506759.7/26

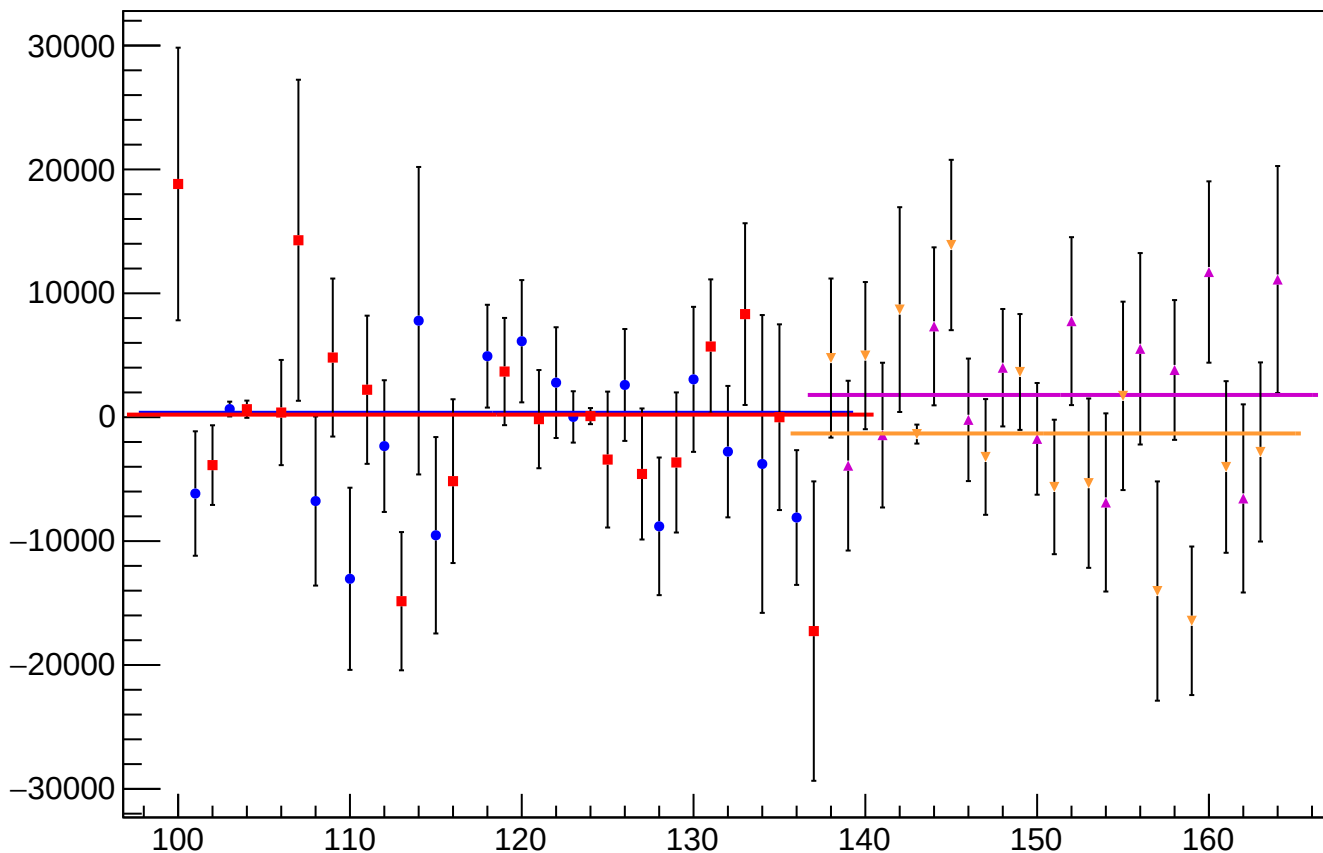
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1807.180 $\pm$ 0.312 χ^2 /NDF: 316937.6/29

Out: 1870.684 $\pm$ 0.320 χ^2 /NDF: 1037216.3/32

All: 1838.121 $\pm$ 0.223 χ^2 /NDF: 1374403.0/62

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1311.948 $\pm$ 700.659 χ^2 /NDF:19.4/13

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

Left In: 1797.431 $\pm$ 1697.528 χ^2 /NDF:9.4/12

Left: -859.330 $\pm$ 647.658 χ^2 /NDF: 31.7/26

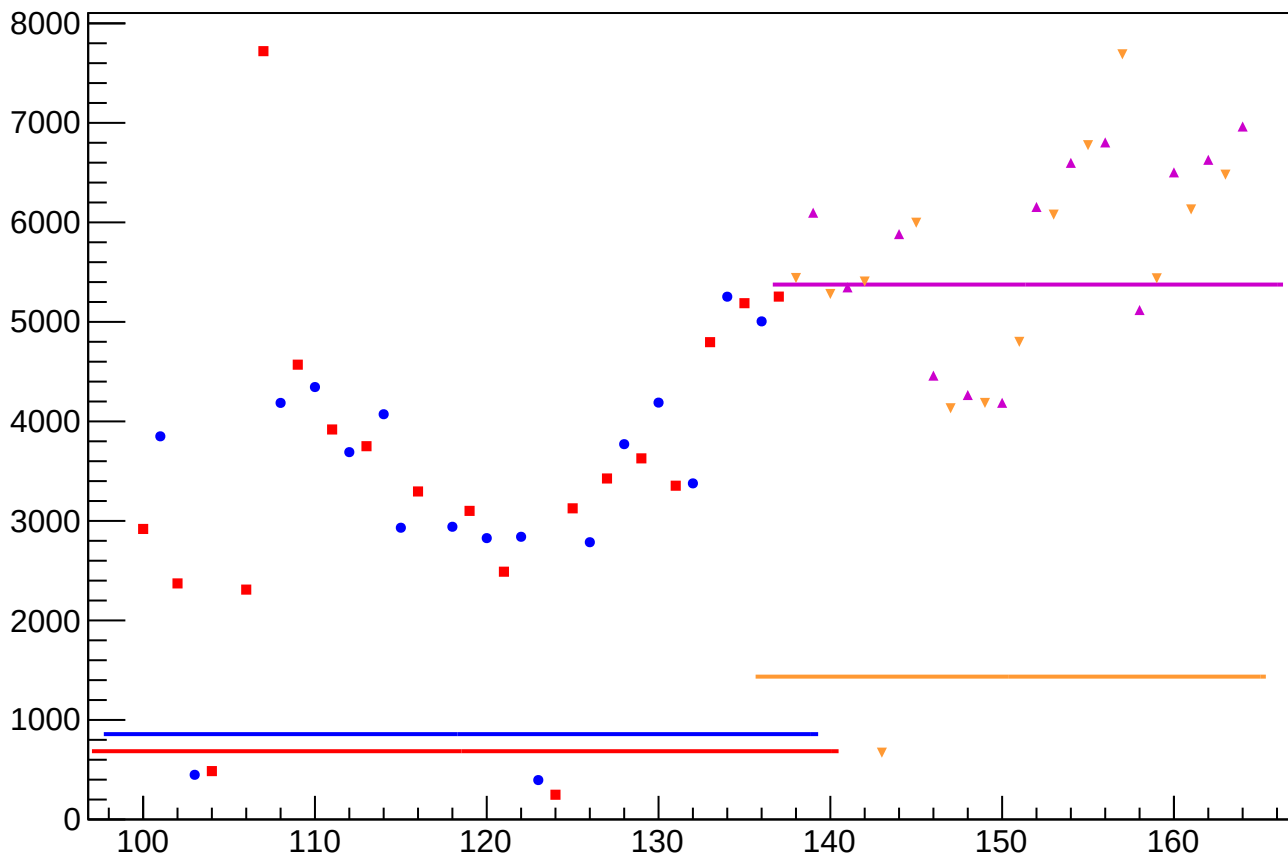
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 486.379 $\pm$ 508.704 χ^2 /NDF:27.6/29

Out: -229.800 $\pm$ 376.618 χ^2 /NDF:44.2/32

All: 23.766 $\pm$ 302.691 χ^2 /NDF: 73.0/62

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1435.230 $\pm$ 0.495 χ^2 /NDF:12768512.2/13

Right Out: 685.800 $\pm$ 0.316 χ^2 /NDF: 9461114.1/18

Left In: 5375.122 $\pm$ 1.200 χ^2 /NDF:670933.2/12

Left: 2008.742 $\pm$ 0.458 χ^2 /NDF: 22644871.1/26

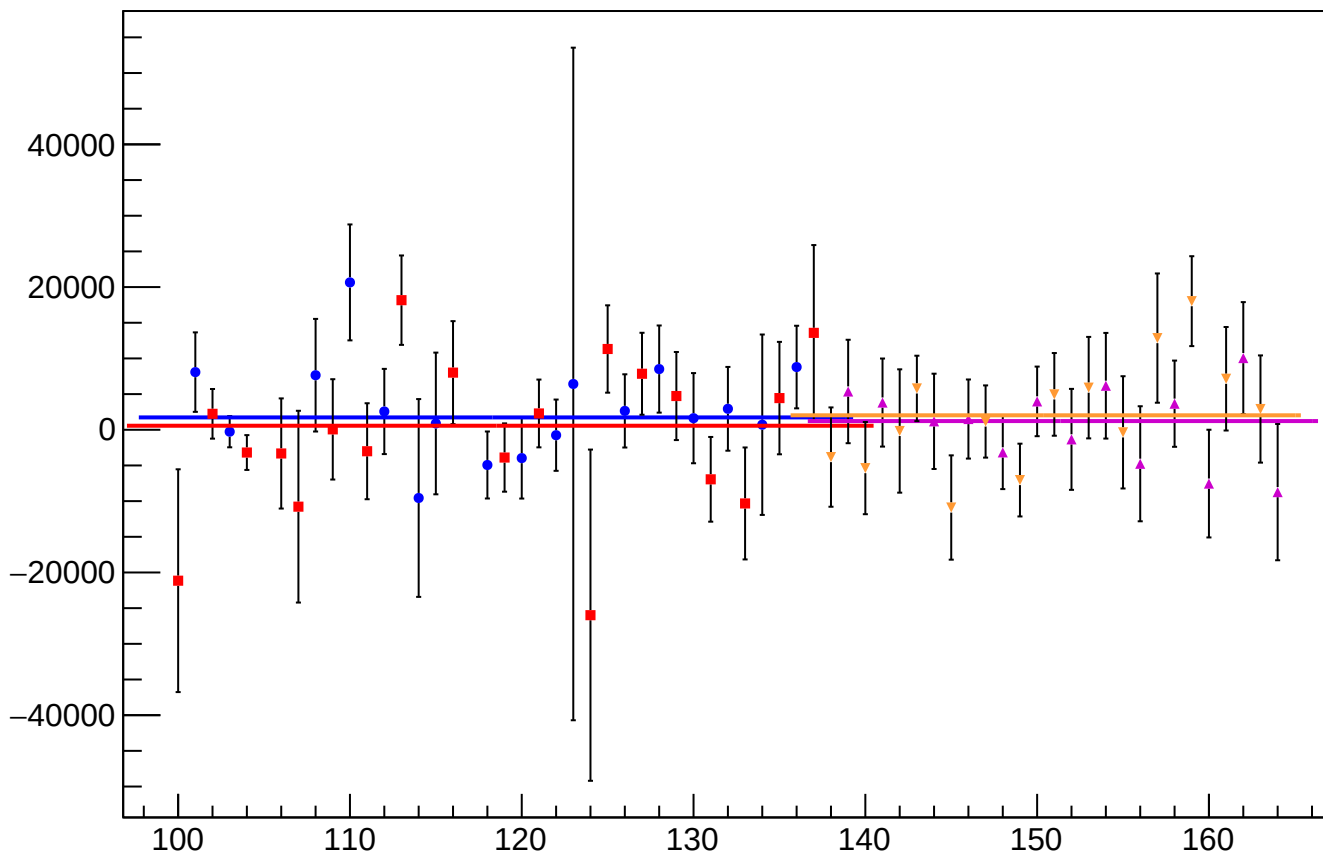
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1263.175 $\pm$ 0.360 χ^2 /NDF:21739266.4/29

Out: 902.332 $\pm$ 0.266 χ^2 /NDF:23856643.4/32

All: 1030.090 $\pm$ 0.214 χ^2 /NDF: 46245941.5/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2029.084+/-1710.890 χ^2/NDF : 18.1/13

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

Left In: 1220.616+/-1808.284 χ^2/NDF : 6.5/12

Left: 1647.207+/-1242.787 χ^2/NDF : 24.8/26

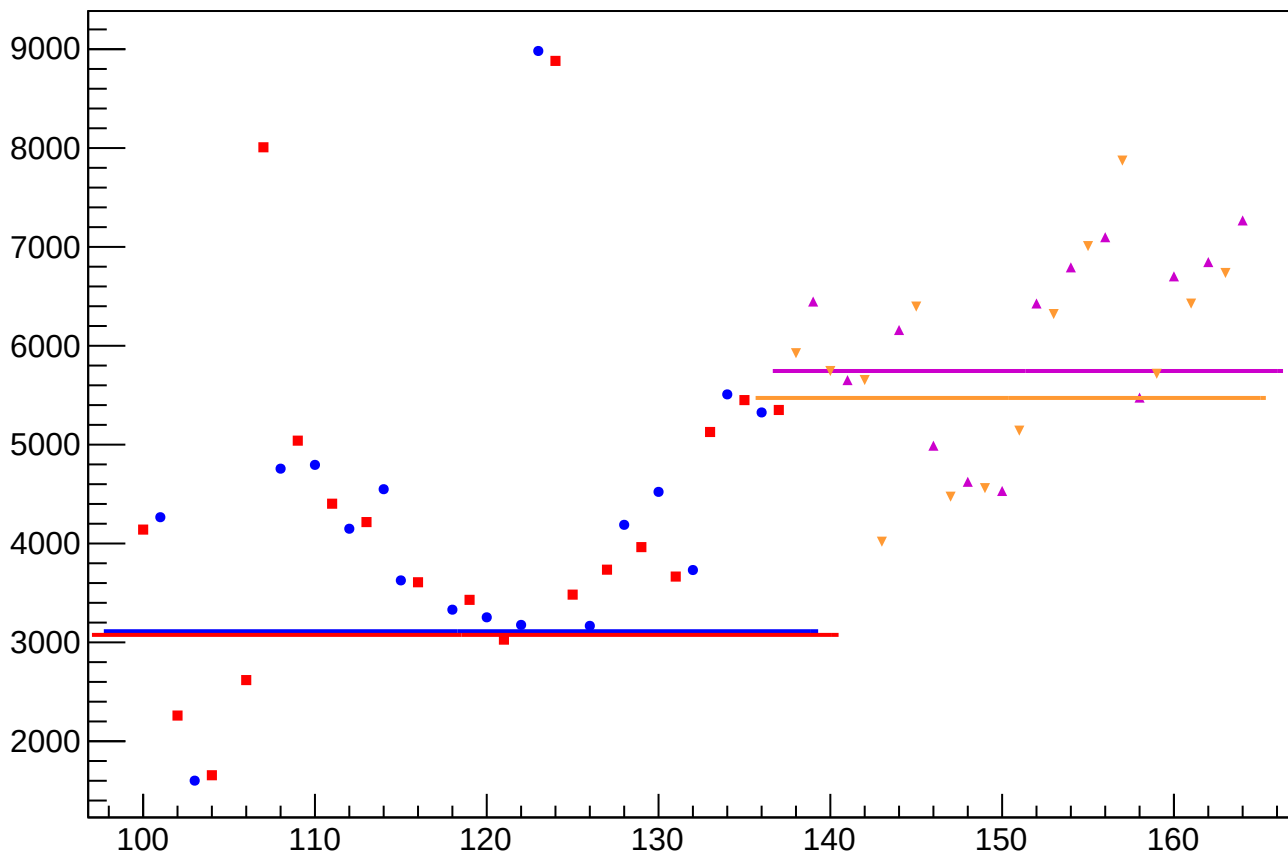
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1557.778+/-1057.999 χ^2/NDF : 21.5/29

Out: 1095.052+/-1028.141 χ^2/NDF : 45.7/32

All: 1319.793+/-737.335 χ^2/NDF : 67.3/62

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5472.299 $\pm$ 1.210 χ^2 /NDF: 733930.3/13

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

Left In: 5744.949 $\pm$ 1.279 χ^2 /NDF: 524265.8/12

Left: 5601.084 $\pm$ 0.879 χ^2 /NDF: 1282187.6/26

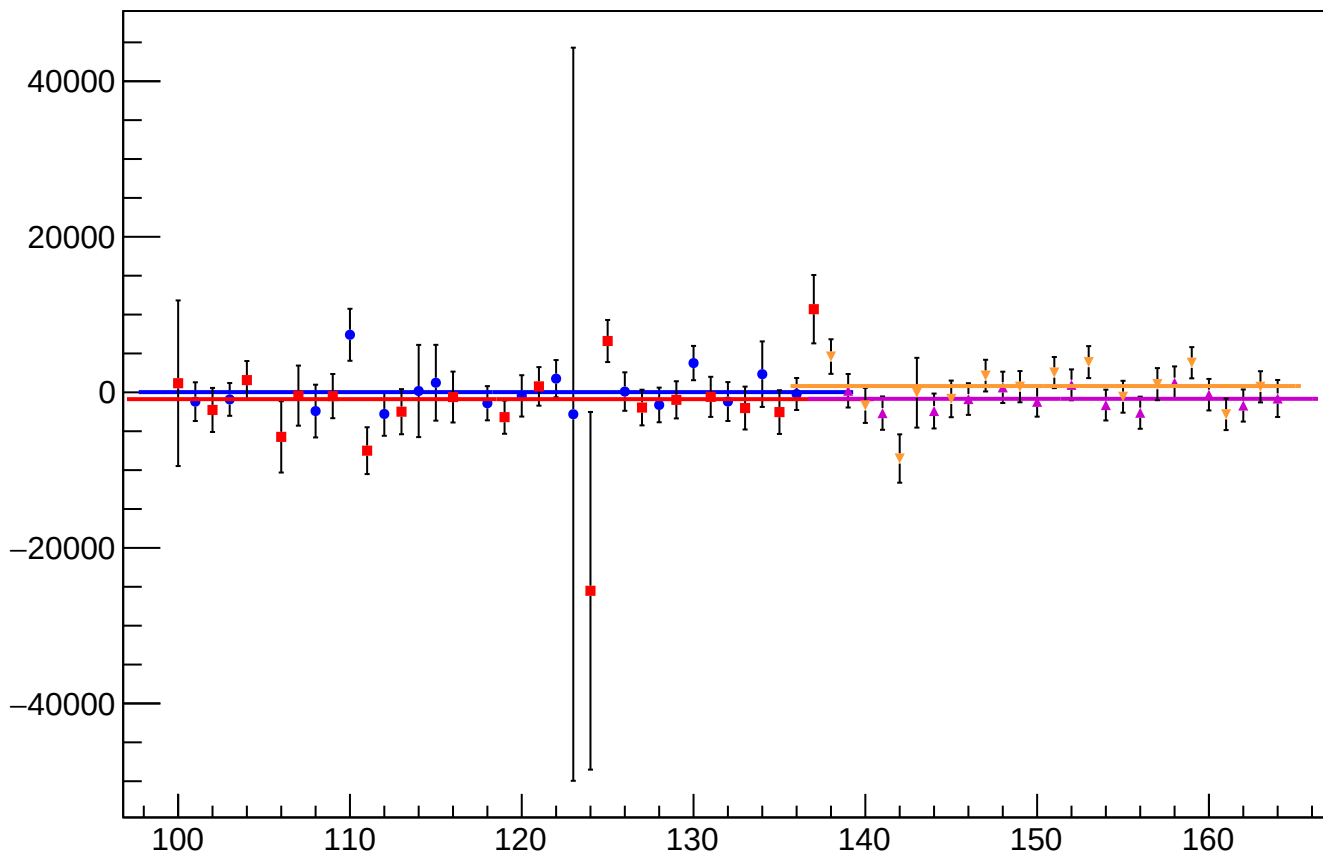
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4013.767 $\pm$ 0.748 χ^2 /NDF: 5195981.0/29

Out: 3925.117 $\pm$ 0.720 χ^2 /NDF: 5278438.1/32

All: 3967.759 $\pm$ 0.519 χ^2 /NDF: 10481706.6/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 810.055 ± 584.975 χ^2/NDF : 23.0/13

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

Left In: -832.119 ± 575.637 χ^2/NDF : 5.0/12

Left: -24.243 ± 410.298 χ^2/NDF : 32.0/26

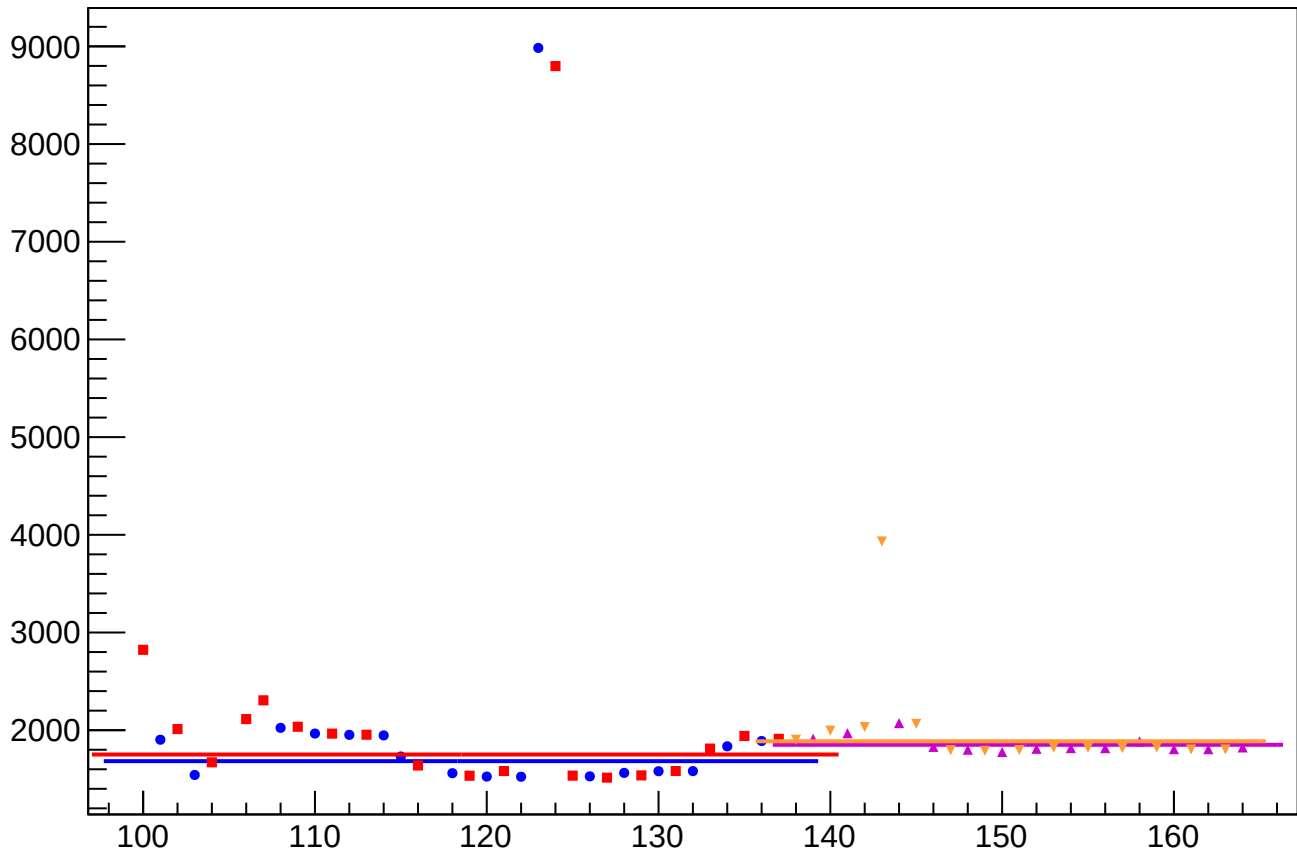
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -459.011 ± 433.363 χ^2/NDF : 17.8/29

Out: 85.426 ± 441.581 χ^2/NDF : 52.2/32

All: -191.906 ± 309.298 χ^2/NDF : 70.8/62

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1886.539+/-0.414 χ^2/NDF : 464265.1/13

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

Left In: 1850.737+/-0.407 χ^2/NDF : 36595.2/12

Left: 1868.350+/-0.290 χ^2/NDF : 504666.2/26

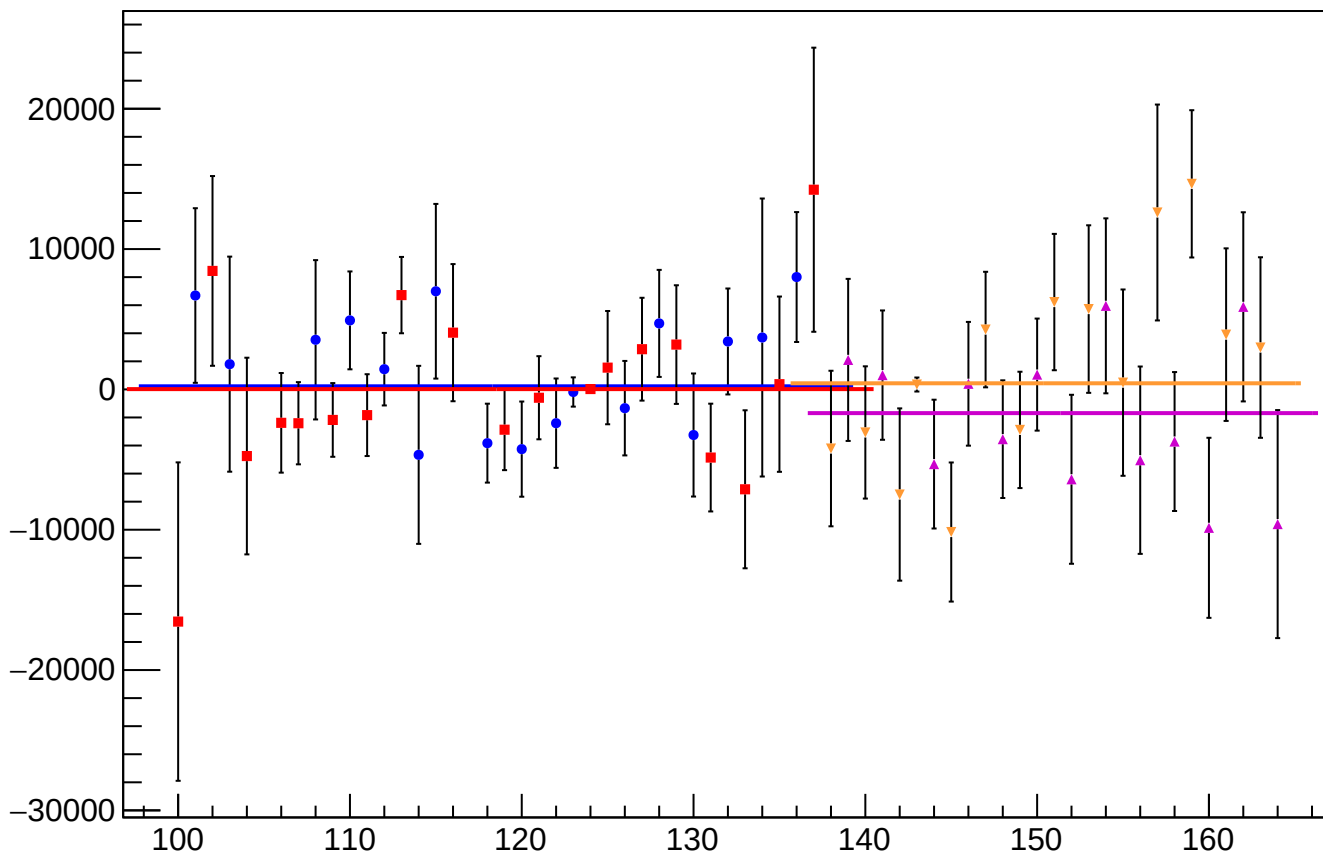
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1778.122+/-0.306 χ^2/NDF : 305915.2/29

Out: 1828.125+/-0.312 χ^2/NDF : 937579.1/32

All: 1802.677+/-0.219 χ^2/NDF : 1256570.2/62

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 435.217+/-472.962 χ^2/NDF : 21.6/13

Right Out: 20.268+/-114.130 χ^2/NDF : 20.7/18

Left In: -1690.340+/-1453.074 χ^2/NDF : 8.7/12

Left: 231.599+/-449.738 χ^2/NDF : 32.2/26

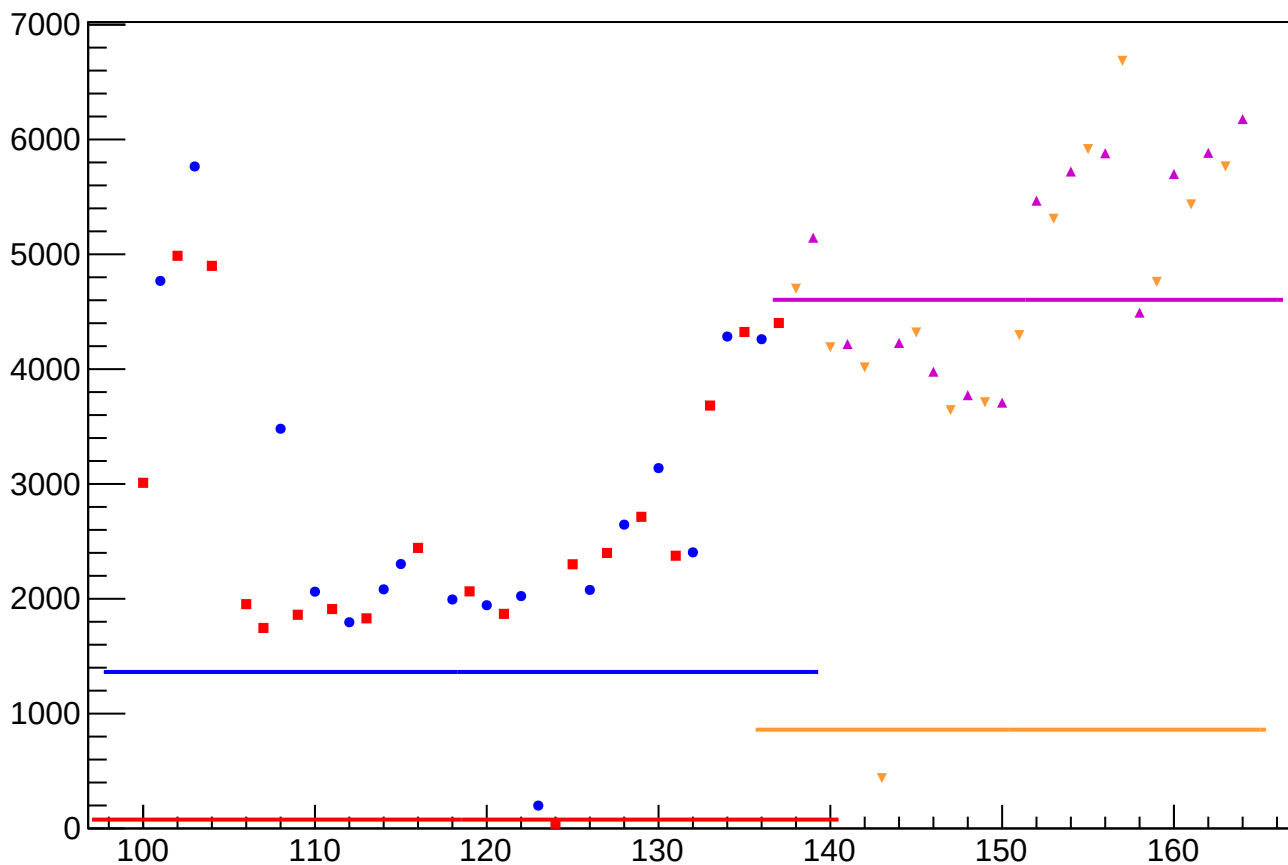
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: -157.495+/-645.802 χ^2/NDF : 25.9/29

Out: 43.101+/-110.945 χ^2/NDF : 43.0/32

All: 37.350+/-109.343 χ^2/NDF : 68.9/62

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 860.242 $\pm$ 0.334 χ^2 /NDF:14543082.5/13

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

Left In: 4603.742 $\pm$ 1.027 χ^2 /NDF:649307.2/12

Left: 1218.851 $\pm$ 0.318 χ^2 /NDF: 27195036.3/26

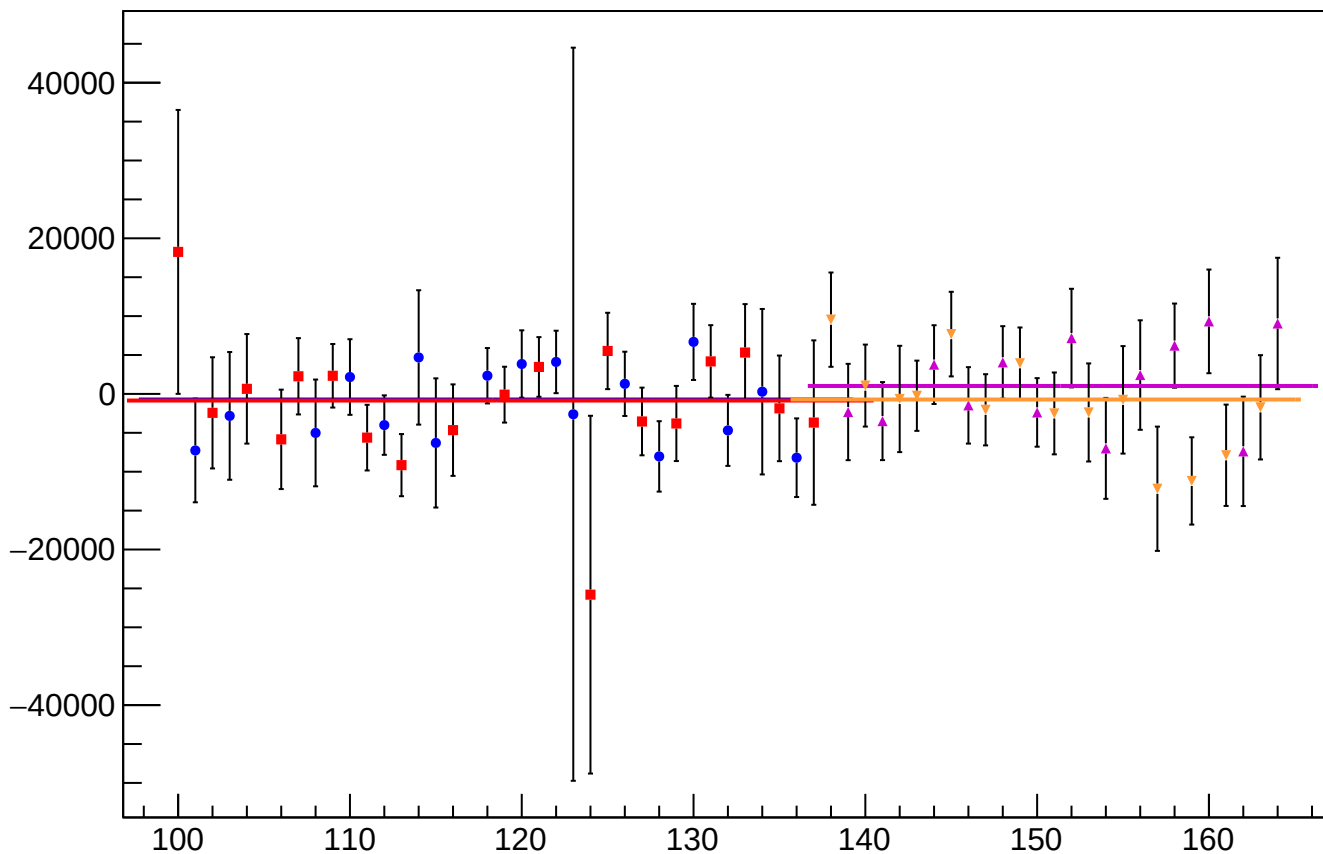
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2003.003 $\pm$ 0.457 χ^2 /NDF:14869084.3/29

Out: 120.220 $\pm$ 0.078 χ^2 /NDF:32972524.0/32

All: 174.194 $\pm$ 0.077 χ^2 /NDF: 64353597.4/62

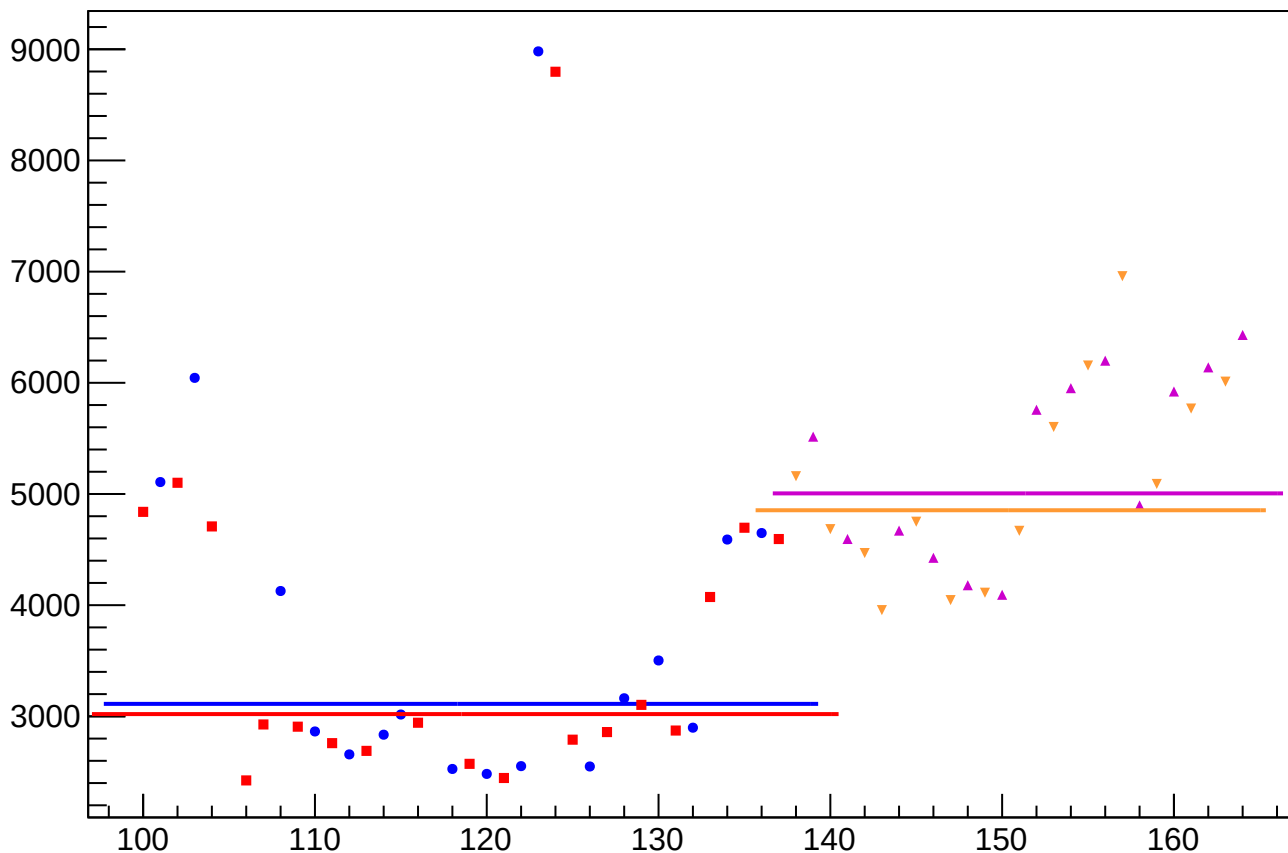
asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483 ± 1252.519 $\chi^2/\text{NDF}: 14.8/16$
 Left Out: -720.252 ± 1510.627 $\chi^2/\text{NDF}: 13.5/13$
 Right Out: -849.844 ± 1191.907 $\chi^2/\text{NDF}: 16.0/18$
 Left In: 1019.882 ± 1573.516 $\chi^2/\text{NDF}: 10.0/12$

Left: 114.347 ± 1089.729 $\chi^2/\text{NDF}: 24.1/26$
 Right: -788.845 ± 863.438 $\chi^2/\text{NDF}: 30.8/35$
 In: -46.075 ± 979.962 $\chi^2/\text{NDF}: 25.5/29$
 Out: -800.122 ± 935.716 $\chi^2/\text{NDF}: 29.5/32$
 All: -440.505 ± 676.753 $\chi^2/\text{NDF}: 55.3/62$

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4853.695+/-1.068 χ^2/NDF : 551144.0/13

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

Left In: 5005.415+/-1.113 χ^2/NDF : 488072.8/12

Left: 4926.462+/-0.771 χ^2/NDF : 1048892.8/26

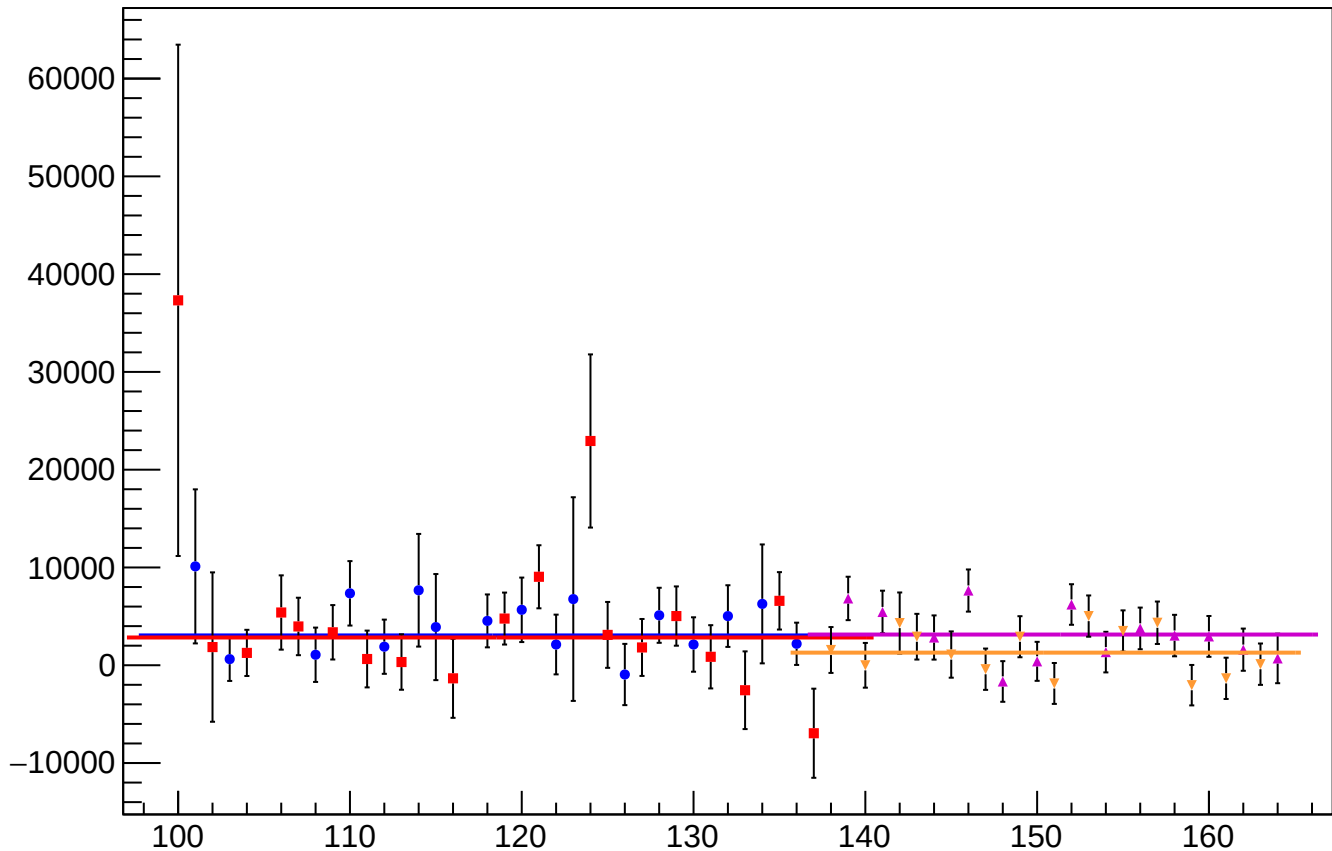
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3846.520+/-0.693 χ^2/NDF : 3218818.3/29

Out: 3712.935+/-0.657 χ^2/NDF : 3178313.1/32

All: 3776.126+/-0.477 χ^2/NDF : 6416715.5/62

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1289.163 $\pm$ 591.350 χ^2/NDF : 16.0/13

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

Left In: 3139.664 $\pm$ 596.049 χ^2/NDF : 20.0/12

Left: 2207.091 $\pm$ 419.799 χ^2/NDF : 40.8/26

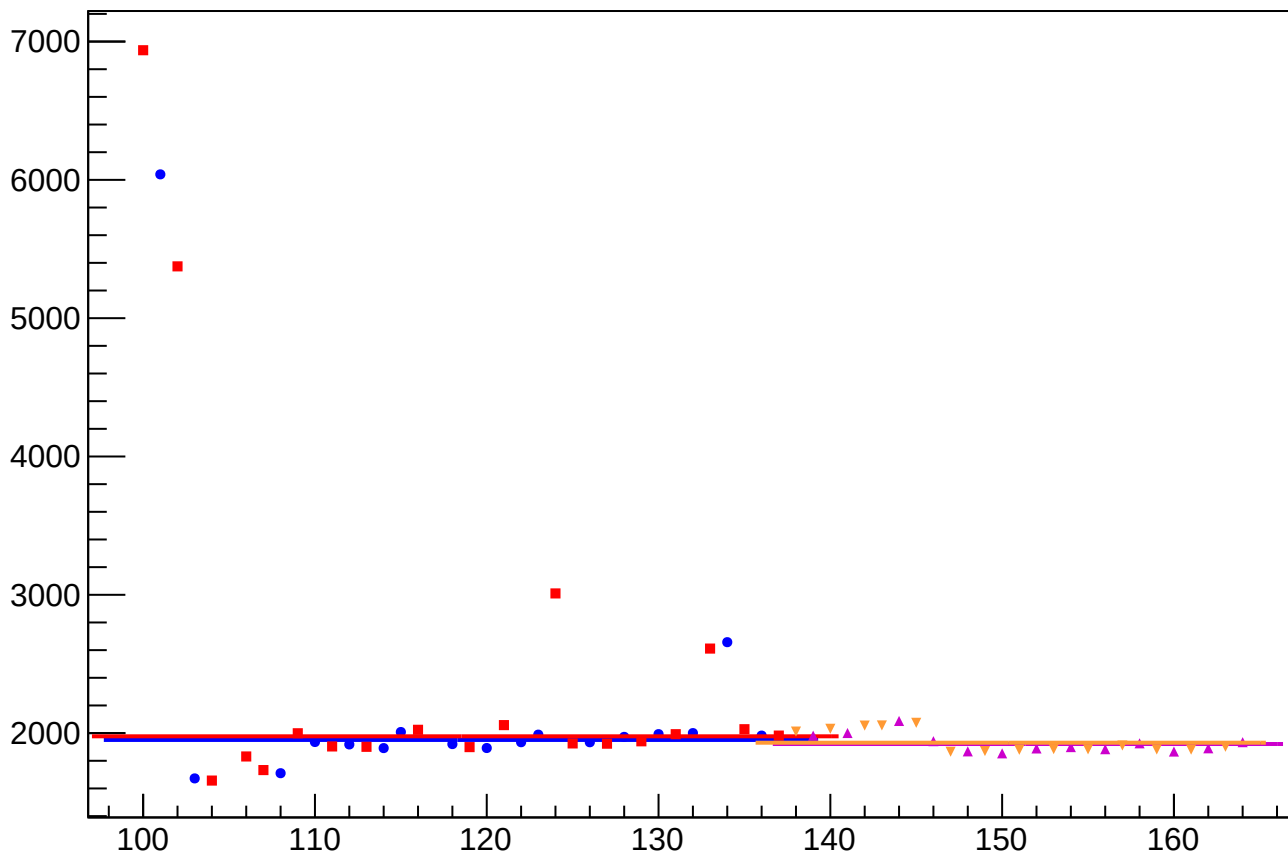
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

In: 3105.852 $\pm$ 471.864 χ^2/NDF : 29.3/29

Out: 1867.919 $\pm$ 468.065 χ^2/NDF : 42.3/32

All: 2481.882 $\pm$ 332.307 χ^2/NDF : 75.0/62

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1930.766+/-0.418 χ^2/NDF : 32030.2/13

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

Left In: 1921.323+/-0.421 χ^2/NDF : 21978.5/12

Left: 1926.082+/-0.297 χ^2/NDF : 54261.6/26

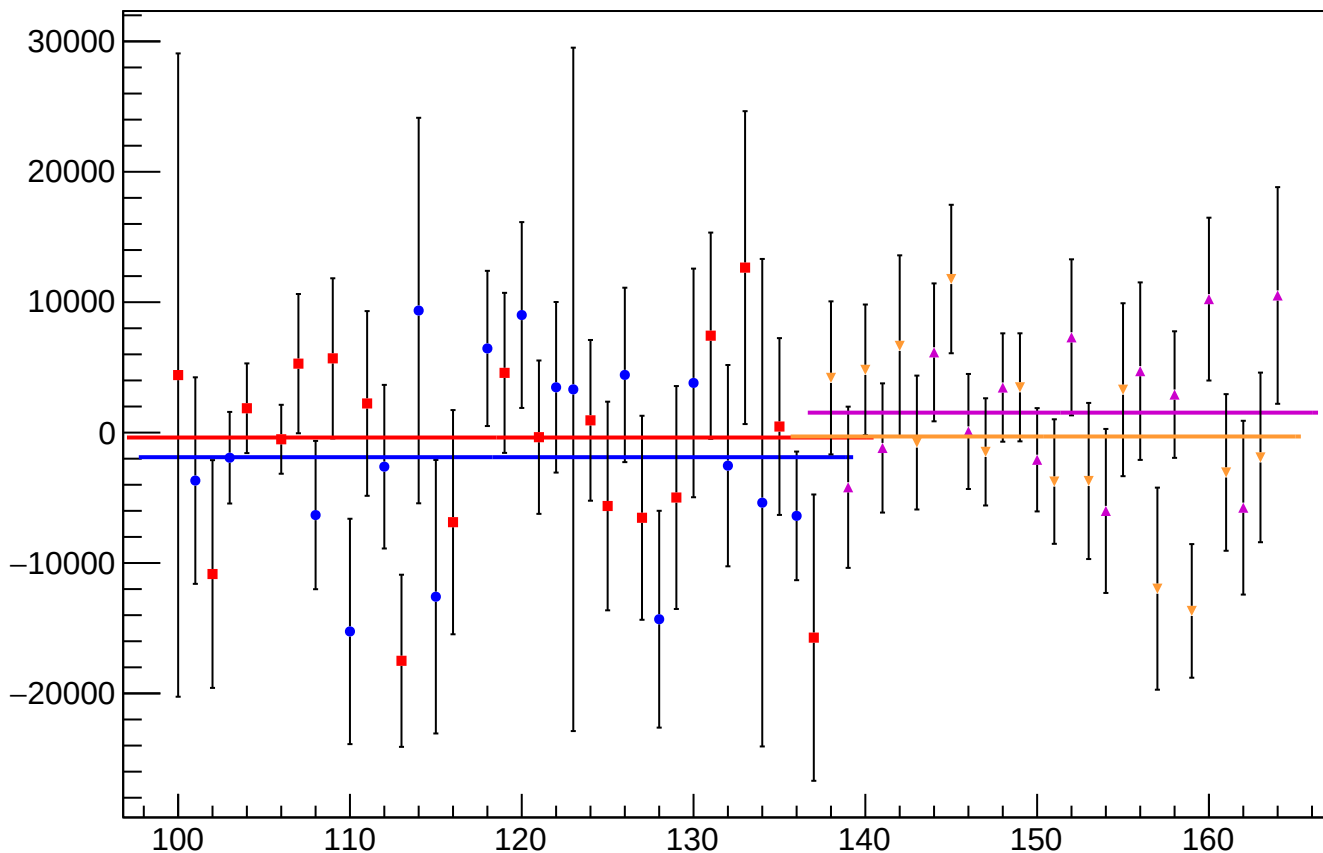
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1932.286+/-0.334 χ^2/NDF : 638956.3/29

Out: 1948.040+/-0.331 χ^2/NDF : 644302.3/32

All: 1940.228+/-0.235 χ^2/NDF : 1284382.5/62

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -298.496 $\pm$ 1448.608 χ^2 /NDF:18.5/13

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

Left In: 1529.917 $\pm$ 1481.437 χ^2 /NDF:10.1/12

Left: 595.227 $\pm$ 1035.732 χ^2 /NDF: 29.4/26

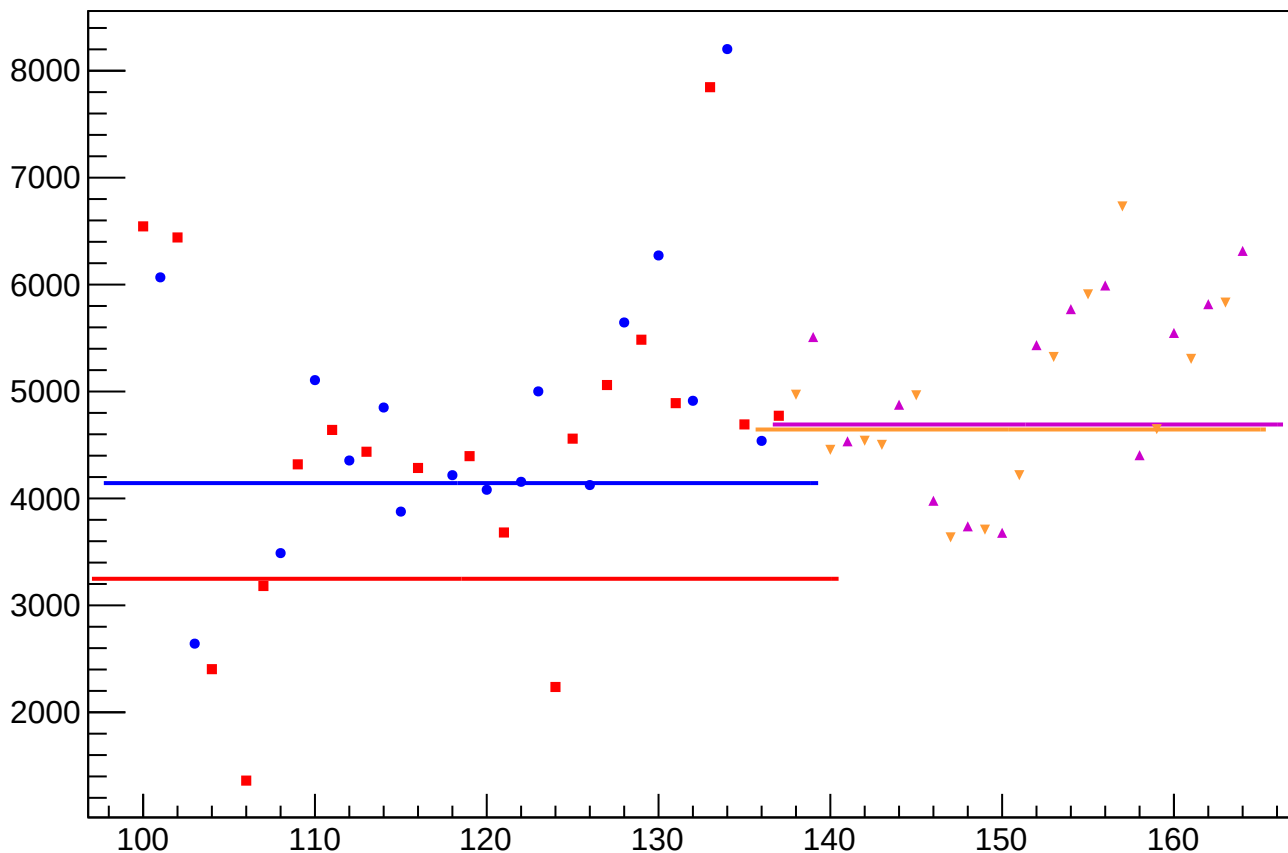
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

In: 13.762 $\pm$ 1104.696 χ^2 /NDF:26.5/29

Out: -340.159 $\pm$ 991.362 χ^2 /NDF:36.2/32

All: -182.280 $\pm$ 737.824 χ^2 /NDF: 62.7/62

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478 $\pm$ 1.172 χ^2 /NDF: 855972.6/16

Left Out: 4644.704 $\pm$ 1.024 χ^2 /NDF: 590259.7/13

Right Out: 3248.634 $\pm$ 0.961 χ^2 /NDF: 2617775.0/18

Left In: 4691.594 $\pm$ 1.048 χ^2 /NDF: 668272.8/12

Left: 4667.624 $\pm$ 0.732 χ^2 /NDF: 1259556.8/26

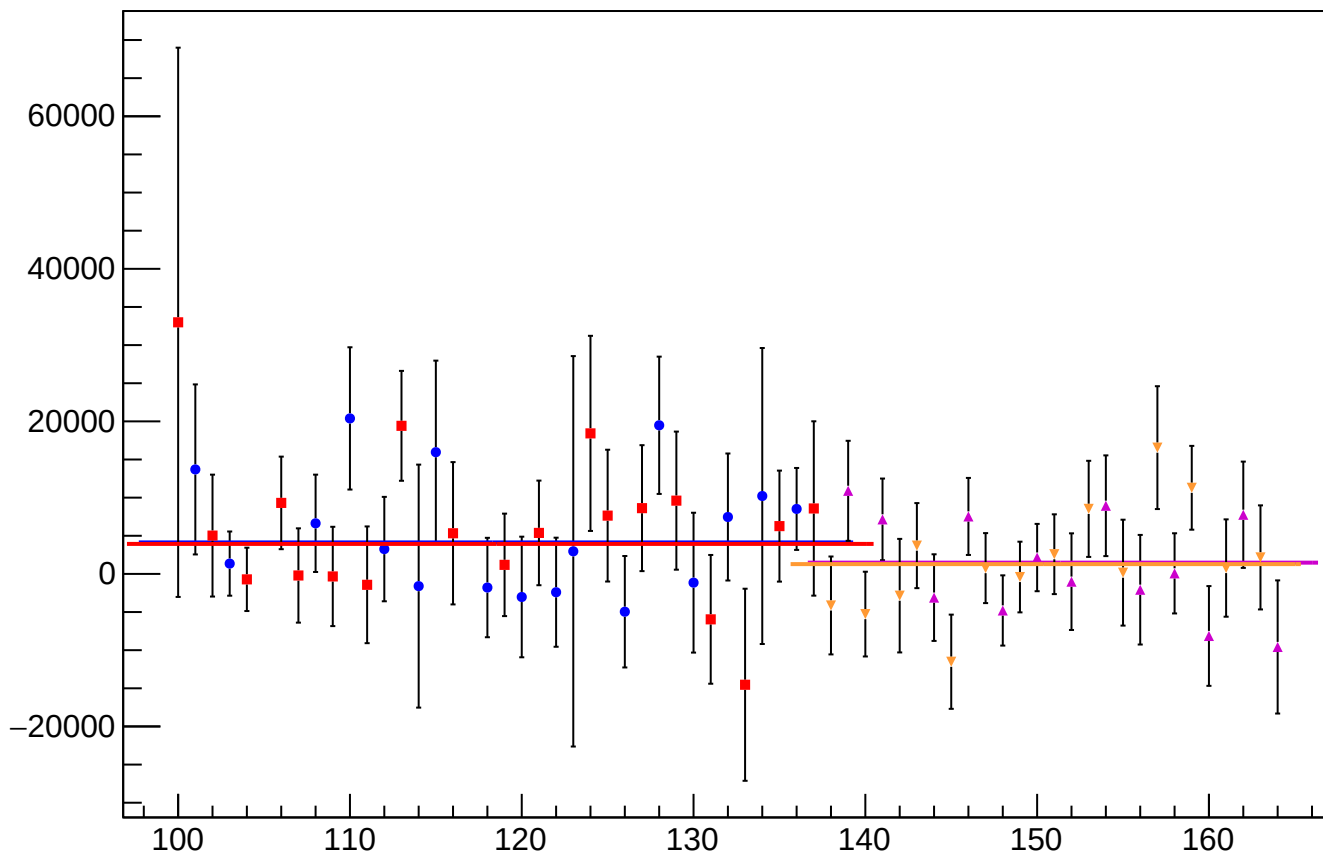
Right: 3608.435 $\pm$ 0.743 χ^2 /NDF: 3822091.3/35

In: 4448.262 $\pm$ 0.781 χ^2 /NDF: 1645789.9/29

Out: 3902.472 $\pm$ 0.701 χ^2 /NDF: 4195621.3/32

All: 4145.942 $\pm$ 0.522 χ^2 /NDF: 6111829.7/62

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1284.853 $\pm$ 1572.862 χ^2 /NDF: 15.4/13

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

Left In: 1476.806 $\pm$ 1606.703 χ^2 /NDF: 13.5/12

Left: 1378.787 $\pm$ 1123.955 χ^2 /NDF: 28.9/26

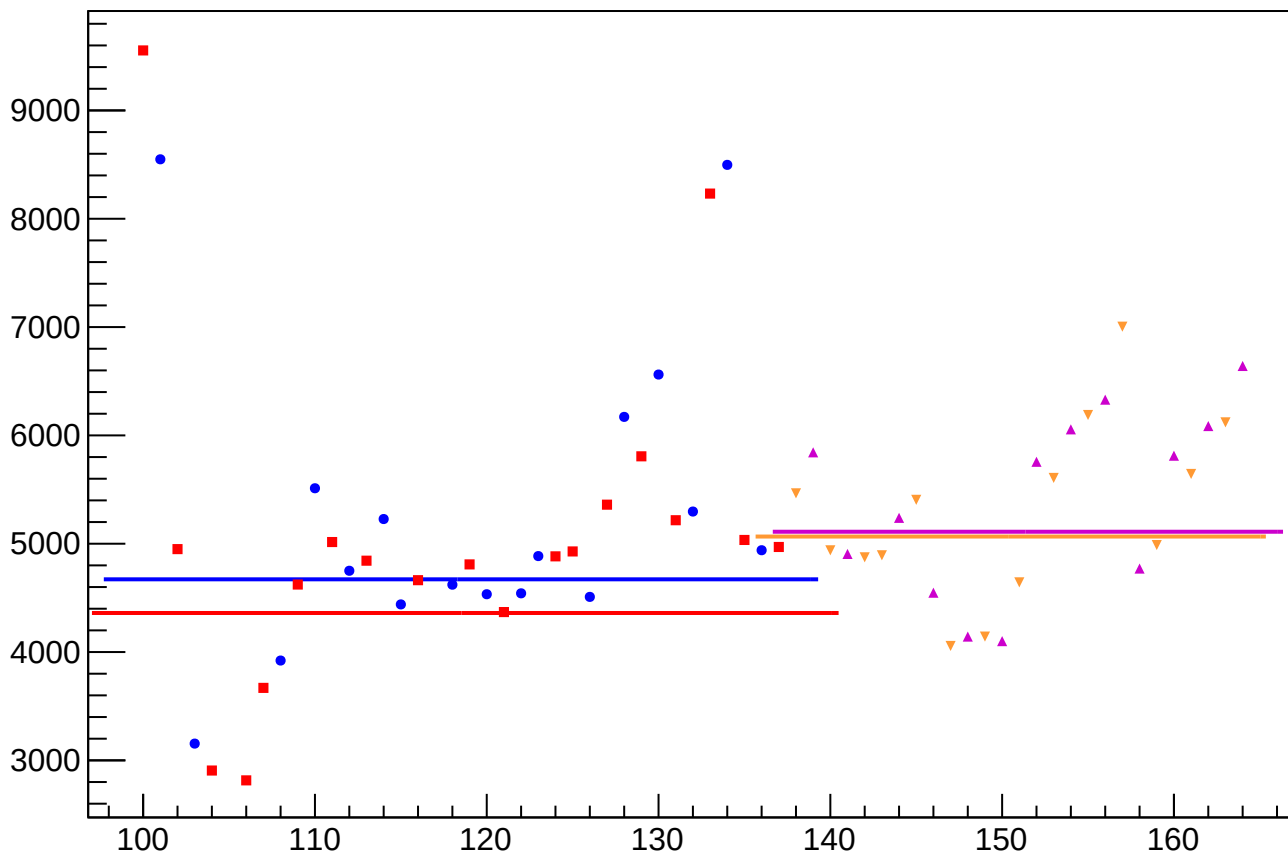
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 2607.003 $\pm$ 1216.734 χ^2 /NDF: 28.3/29

Out: 2486.800 $\pm$ 1162.406 χ^2 /NDF: 31.6/32

All: 2544.158 $\pm$ 840.495 χ^2 /NDF: 59.9/62

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5066.227+/-1.112 χ^2/NDF : 454827.1/13

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

Left In: 5110.630+/-1.136 χ^2/NDF : 498325.9/12

Left: 5087.956+/-0.795 χ^2/NDF : 953933.0/26

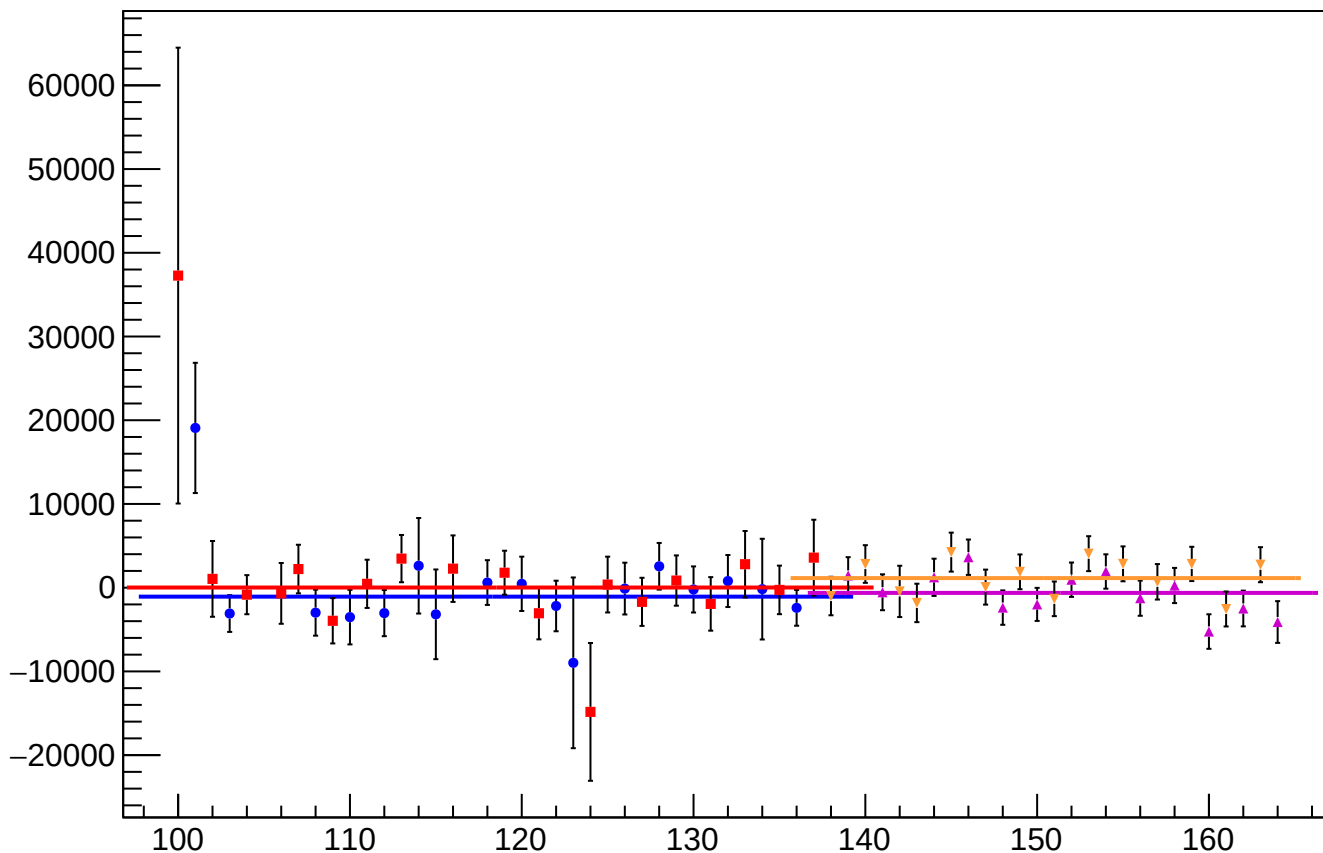
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4923.256+/-0.860 χ^2/NDF : 1348211.1/29

Out: 4743.939+/-0.820 χ^2/NDF : 1472820.2/32

All: 4829.269+/-0.593 χ^2/NDF : 2843799.5/62

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1145.272+/-583.018 χ^2/NDF :14.0/13

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

Left In: -623.858+/-588.200 χ^2/NDF :17.0/12

Left: 268.534+/-414.076 χ^2/NDF : 35.6/26

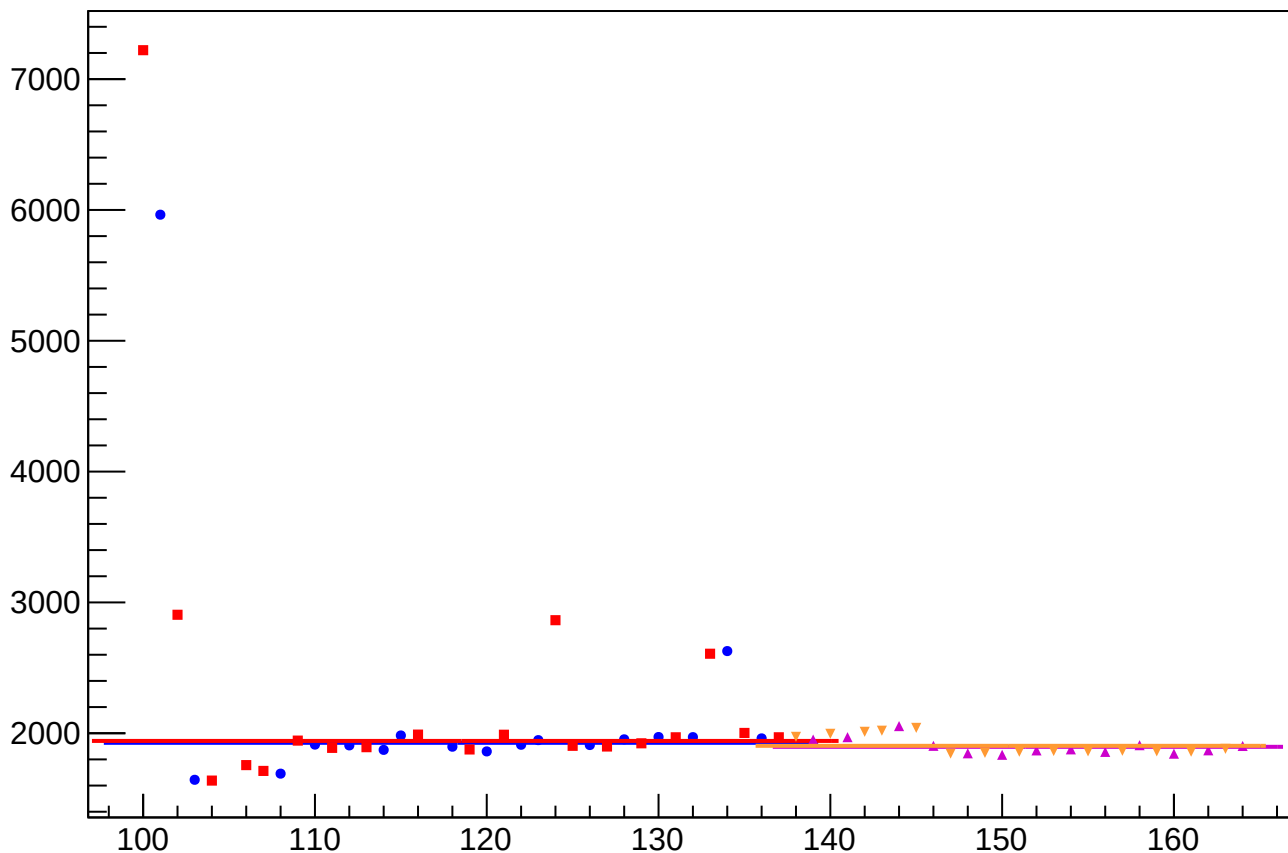
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -790.639+/-465.837 χ^2/NDF :30.9/29

Out: 719.577+/-459.792 χ^2/NDF :28.7/32

All: -25.668+/-327.239 χ^2/NDF : 65.0/62

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.823+/-0.412 χ^2/NDF : 27731.7/13

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

Left In: 1896.195+/-0.416 χ^2/NDF : 19800.8/12

Left: 1900.043+/-0.293 χ^2/NDF : 47702.1/26

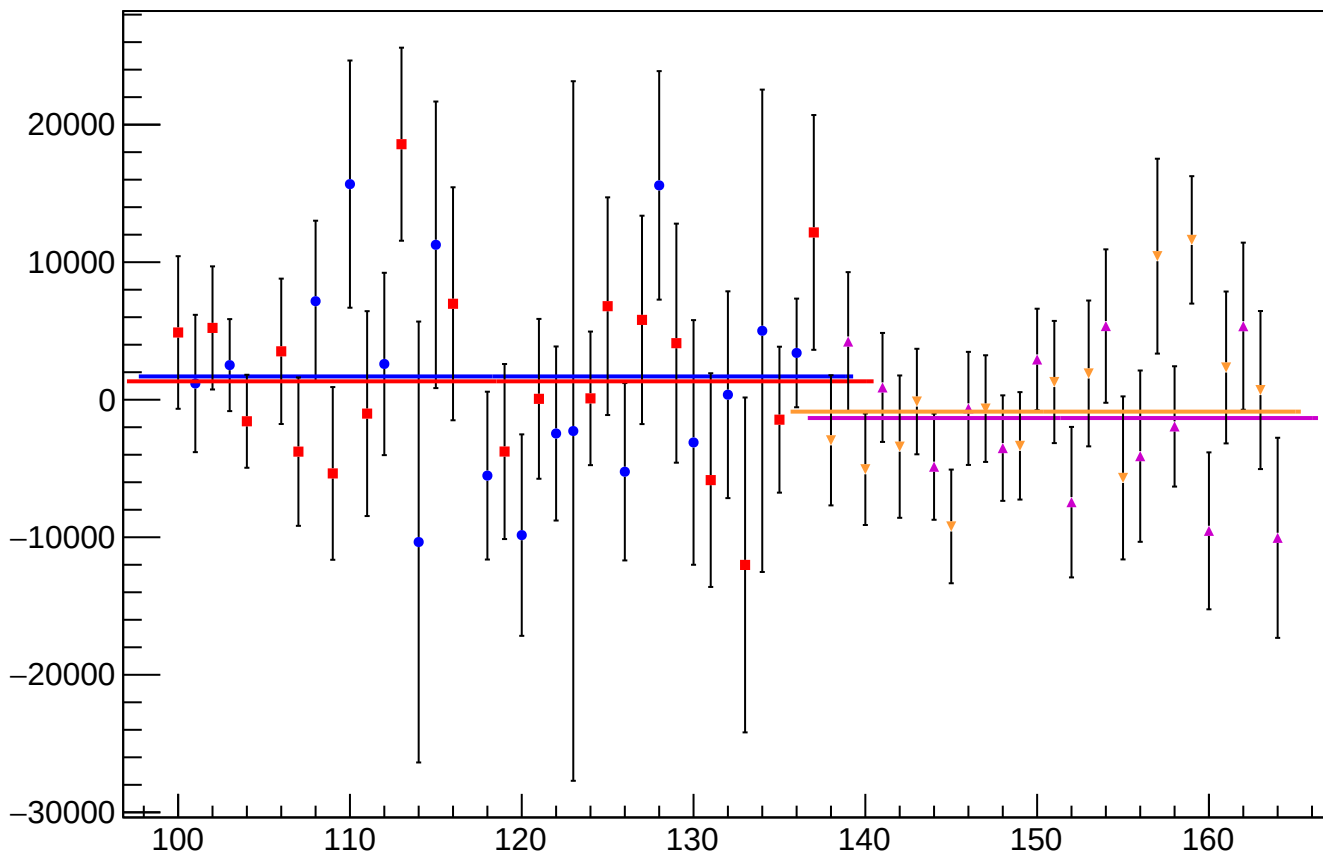
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1907.638+/-0.329 χ^2/NDF : 638947.4/29

Out: 1917.990+/-0.325 χ^2/NDF : 335219.6/32

All: 1912.883+/-0.231 χ^2/NDF : 974667.4/62

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -865.204 $\pm$ 1244.474 χ^2 /NDF:17.4/13

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

Left In: -1331.982 $\pm$ 1300.917 χ^2 /NDF:11.7/12

Left: -1088.248 $\pm$ 899.268 χ^2 /NDF: 29.2/26

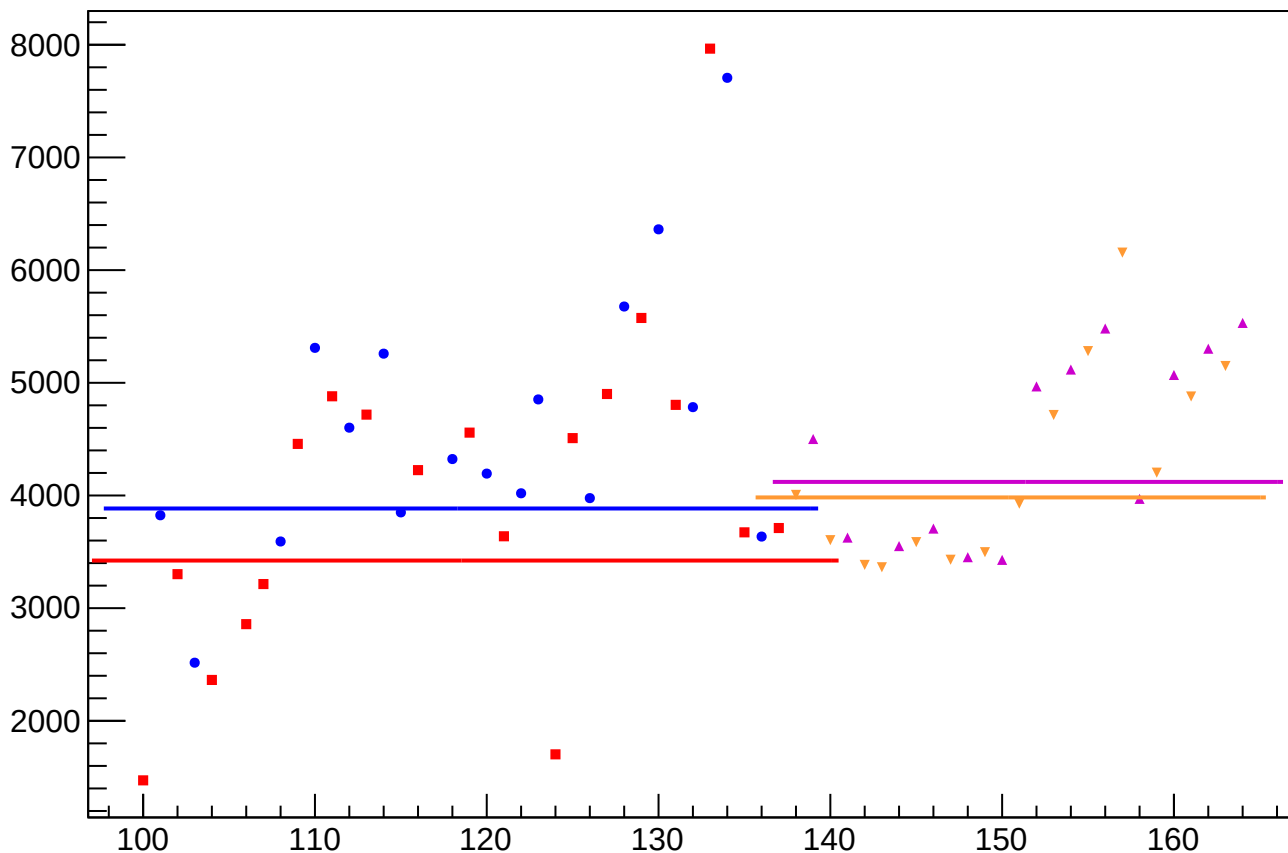
Right: 1493.873 $\pm$ 1026.648 χ^2 /NDF: 30.0/35

In: -83.217 $\pm$ 996.977 χ^2 /NDF:27.5/29

Out: 131.732 $\pm$ 920.862 χ^2 /NDF:35.1/32

All: 32.775 $\pm$ 676.458 χ^2 /NDF: 62.7/62

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3982.763+/-0.880 χ^2/NDF : 648641.0/13

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

Left In: 4120.542+/-0.920 χ^2/NDF : 653424.5/12

Left: 4048.599+/-0.636 χ^2/NDF : 1313779.5/26

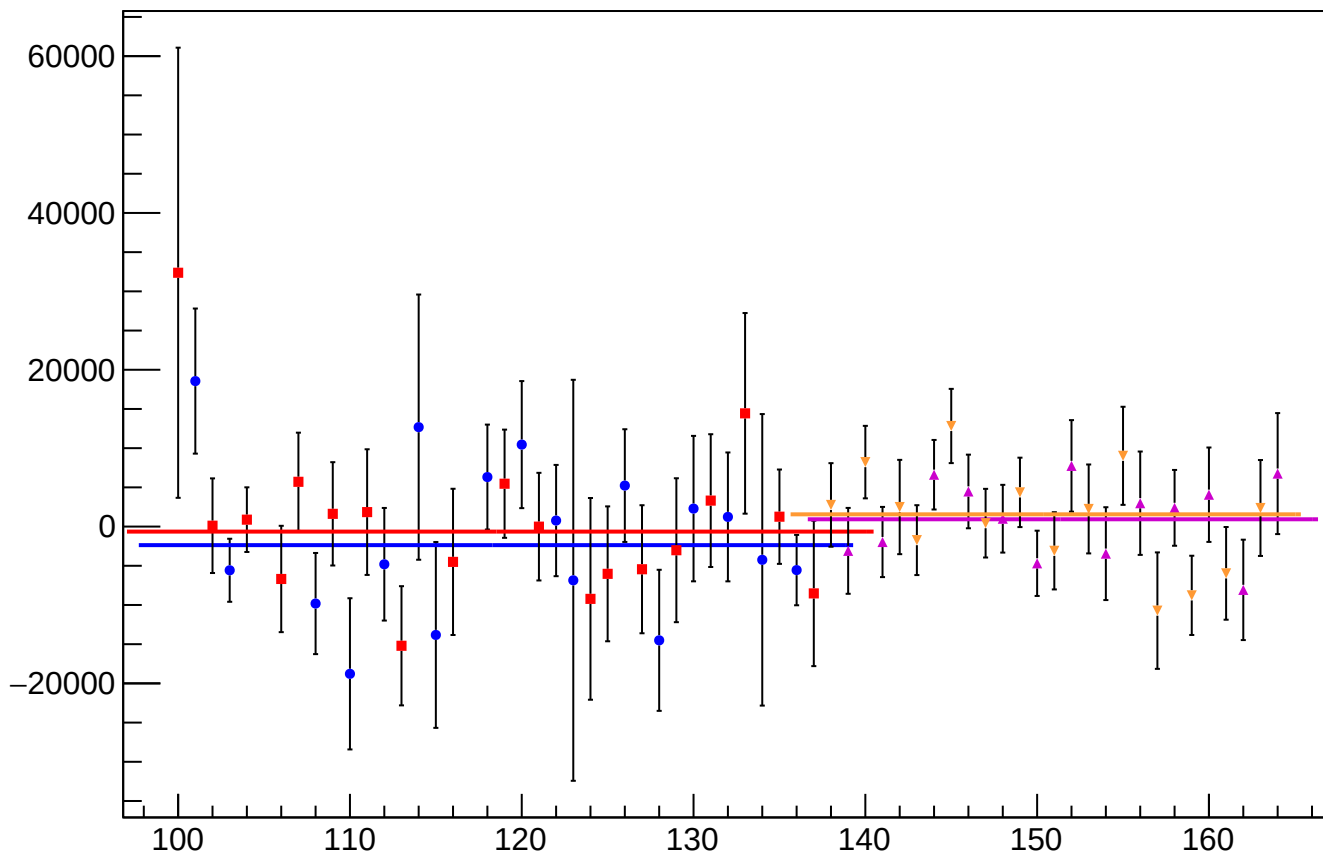
Right: 3624.795+/-0.726 χ^2/NDF : 2516526.6/35

In: 4023.173+/-0.705 χ^2/NDF : 1507137.1/29

Out: 3729.325+/-0.651 χ^2/NDF : 2422262.6/32

All: 3864.605+/-0.478 χ^2/NDF : 4023155.5/62

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1561.300 $\pm$ 1388.992 χ^2 /NDF:19.7/13

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

Left In: 929.435 $\pm$ 1438.601 χ^2 /NDF:9.9/12

Left: 1256.450 $\pm$ 999.244 χ^2 /NDF: 29.7/26

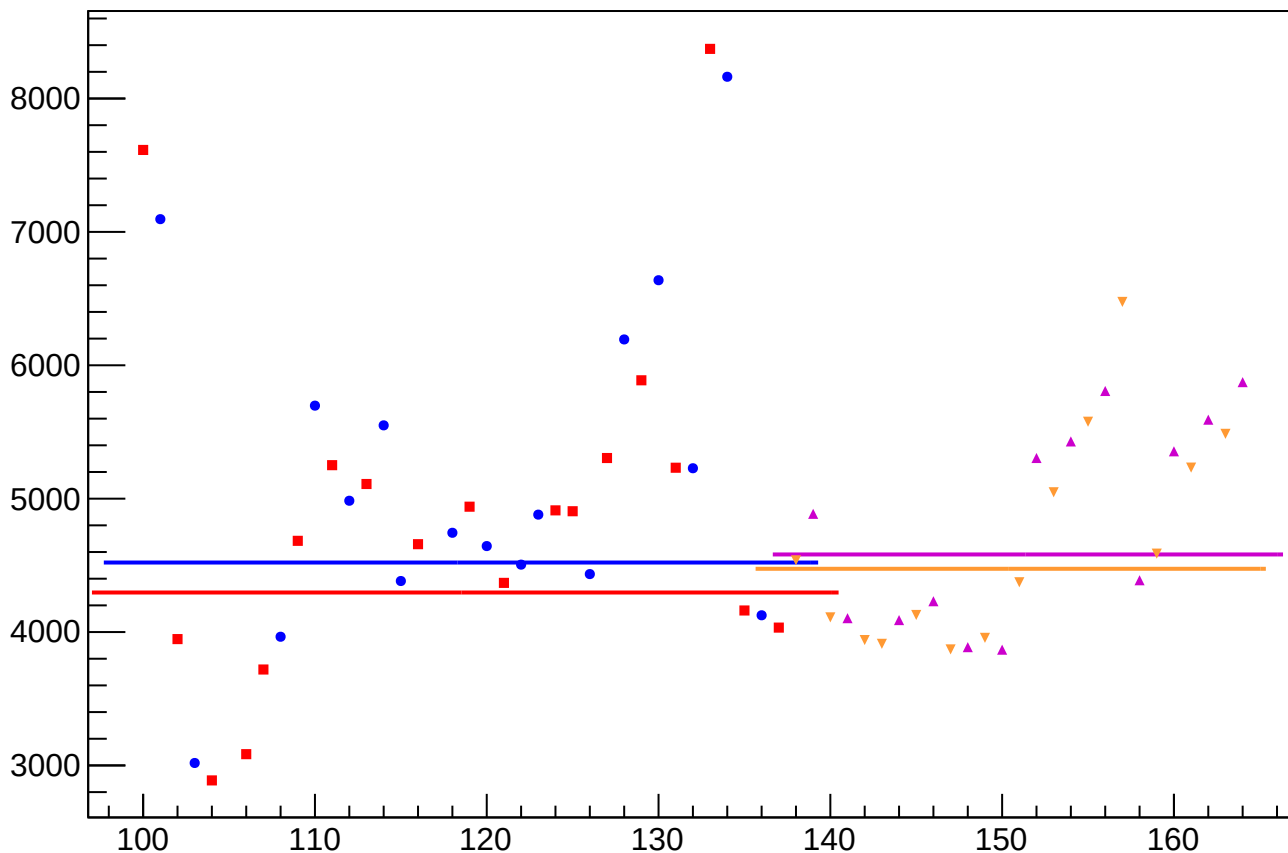
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -353.968 $\pm$ 1124.257 χ^2 /NDF:32.1/29

Out: 673.551 $\pm$ 1073.111 χ^2 /NDF:32.5/32

All: 183.695 $\pm$ 776.256 χ^2 /NDF: 65.1/62

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 $\pm$ 1.274 χ^2/NDF : 778675.0/16

Left Out: 4474.281 $\pm$ 0.982 χ^2/NDF : 453755.6/13

Right Out: 4296.482 $\pm$ 1.189 χ^2/NDF : 773210.4/18

Left In: 4581.759 $\pm$ 1.017 χ^2/NDF : 458235.0/12

Left: 4526.135 $\pm$ 0.707 χ^2/NDF : 917768.0/26

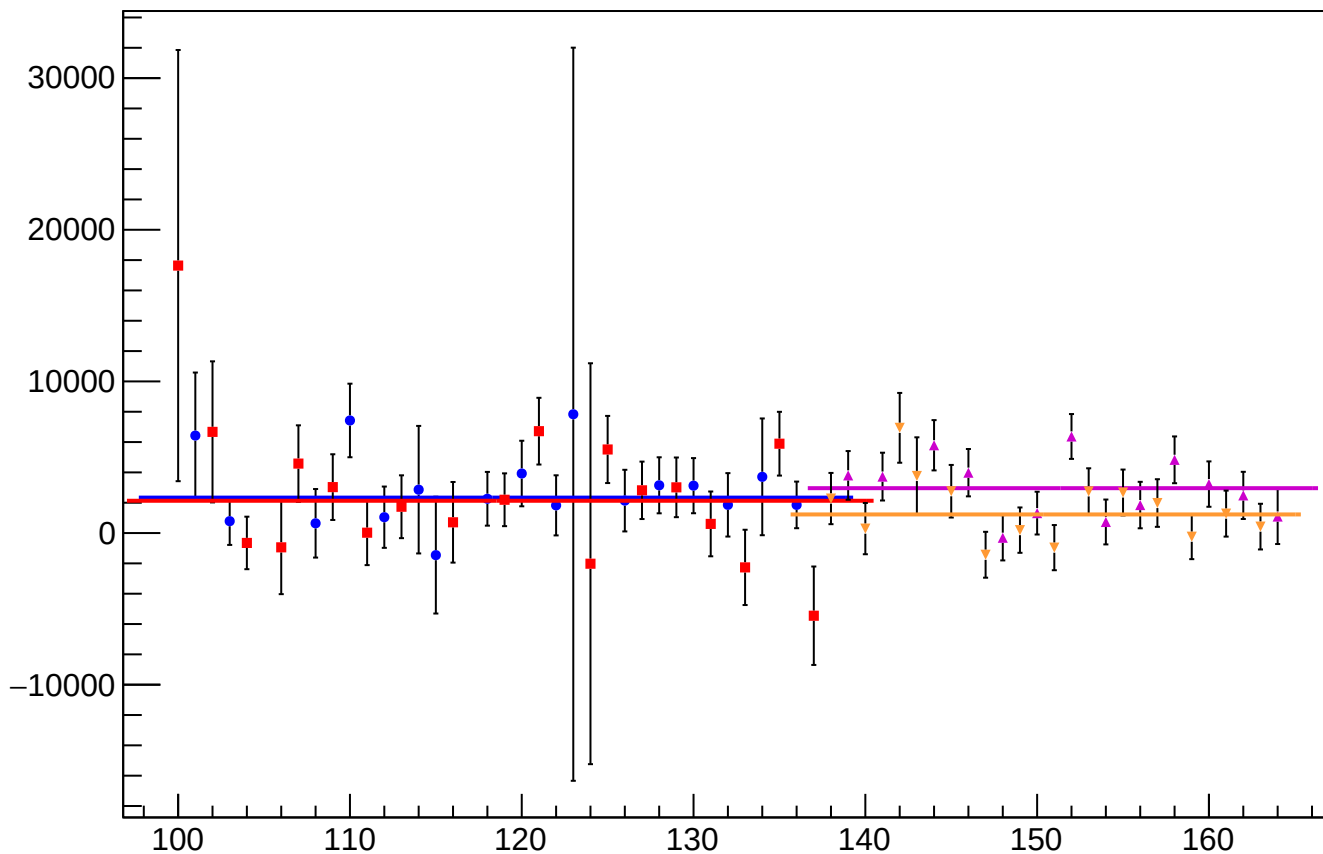
Right: 4401.047 $\pm$ 0.869 χ^2/NDF : 1568522.7/35

In: 4558.197 $\pm$ 0.795 χ^2/NDF : 1238288.2/29

Out: 4402.131 $\pm$ 0.757 χ^2/NDF : 1240264.3/32

All: 4476.358 $\pm$ 0.548 χ^2/NDF : 2498762.5/62

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: 1227.363 $\pm$ 433.651 χ^2/NDF :17.8/13

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

Left In: 2959.251 $\pm$ 428.785 χ^2/NDF :20.8/12

Left: 2103.078 $\pm$ 304.903 χ^2/NDF : 46.6/26

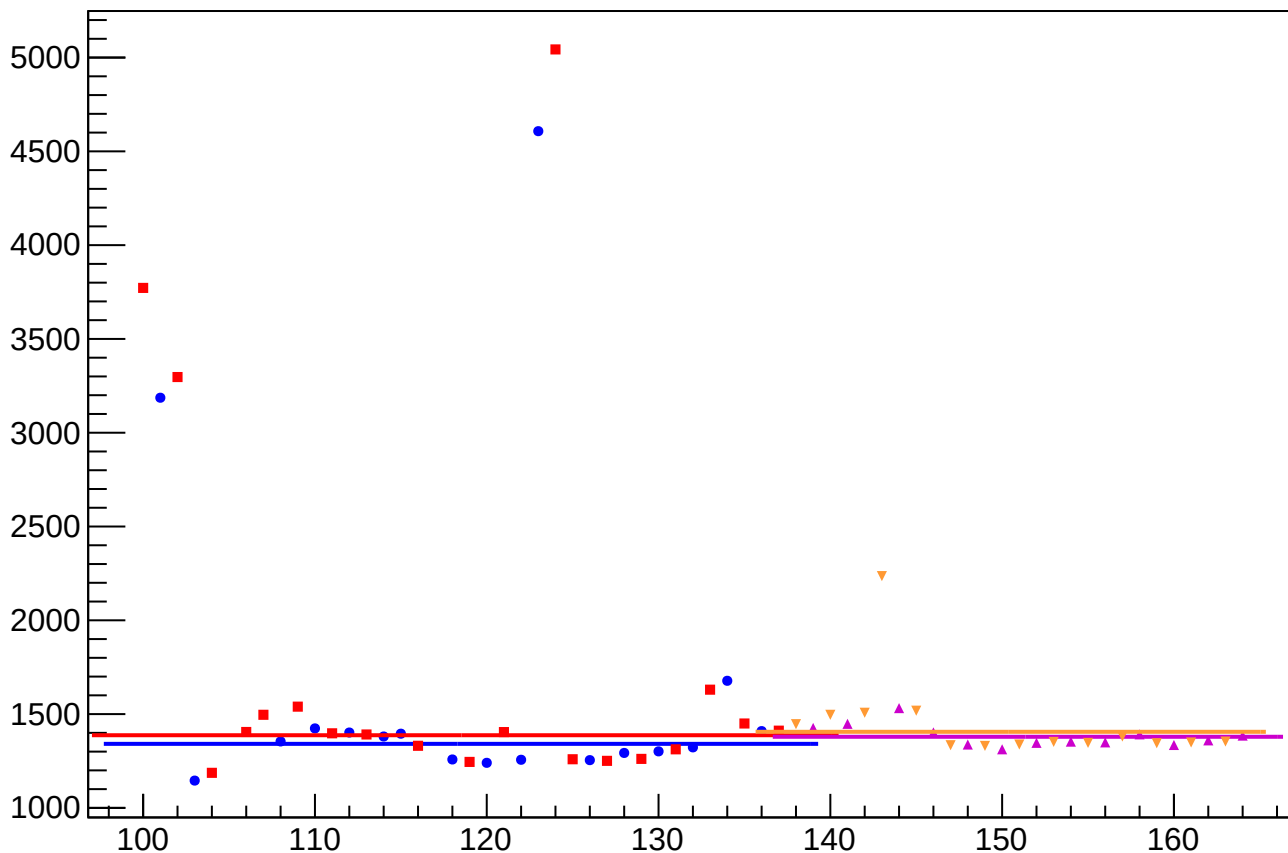
Right: 2234.784 $\pm$ 378.395 χ^2/NDF : 37.3/35

In: 2713.714 $\pm$ 333.633 χ^2/NDF :31.2/29

Out: 1581.659 $\pm$ 337.929 χ^2/NDF :47.0/32

All: 2154.927 $\pm$ 237.418 χ^2/NDF : 83.9/62

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: 1405.651+/-0.307 χ^2/NDF :259634.2/13

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

Left In: 1379.103+/-0.303 χ^2/NDF :33503.8/12

Left: 1392.227+/-0.216 χ^2/NDF : 296928.1/26

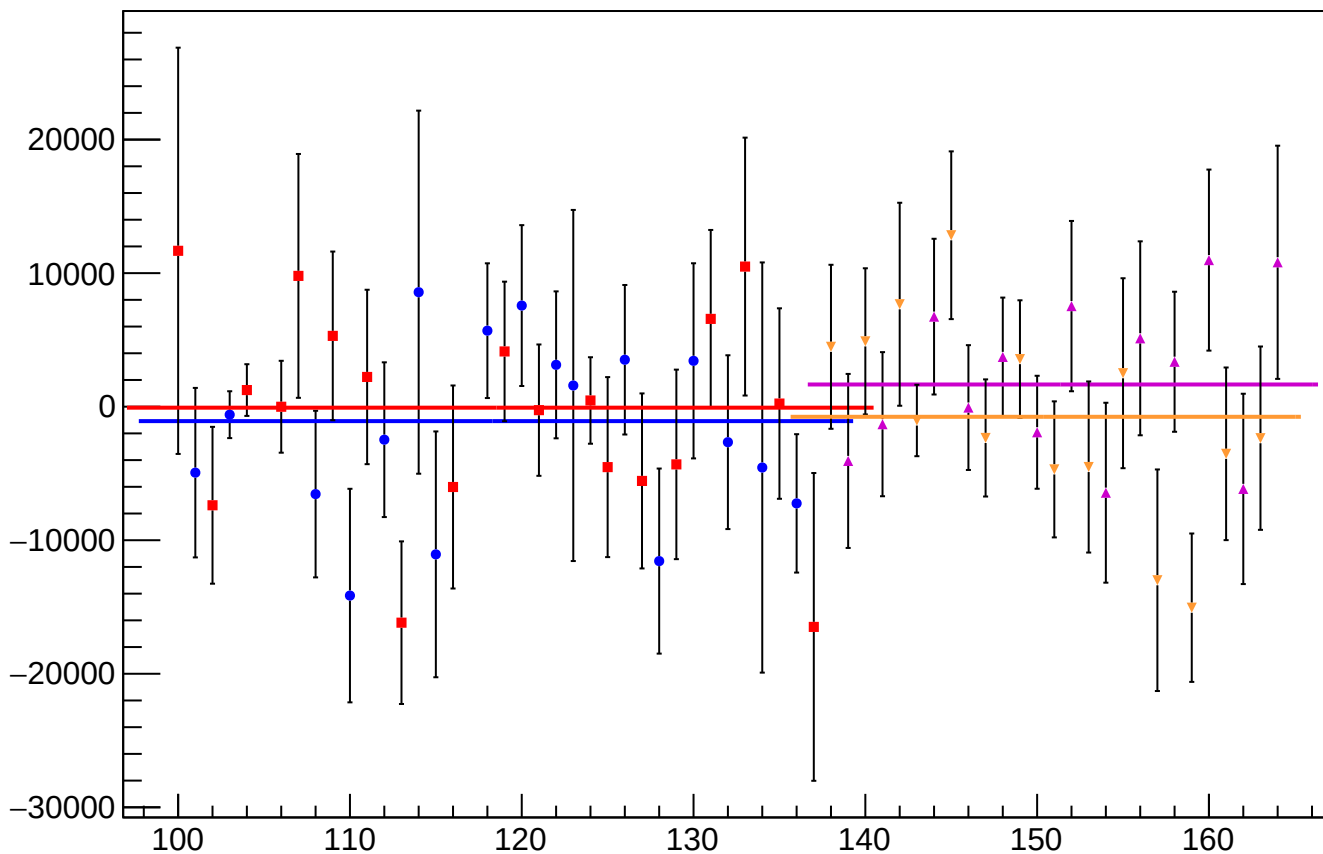
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1364.216+/-0.236 χ^2/NDF :543885.8/29

Out: 1398.459+/-0.239 χ^2/NDF :911227.5/32

All: 1381.121+/-0.168 χ^2/NDF : 1465514.7/62

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: -757.651 $\pm$ 1385.837 χ^2 /NDF:19.0/13

Right Out: -74.089 $\pm$ 1126.219 χ^2 /NDF: 18.6/18

Left In: 1661.996 $\pm$ 1588.707 χ^2 /NDF:9.7/12

Left: 287.911 $\pm$ 1044.342 χ^2 /NDF: 30.0/26

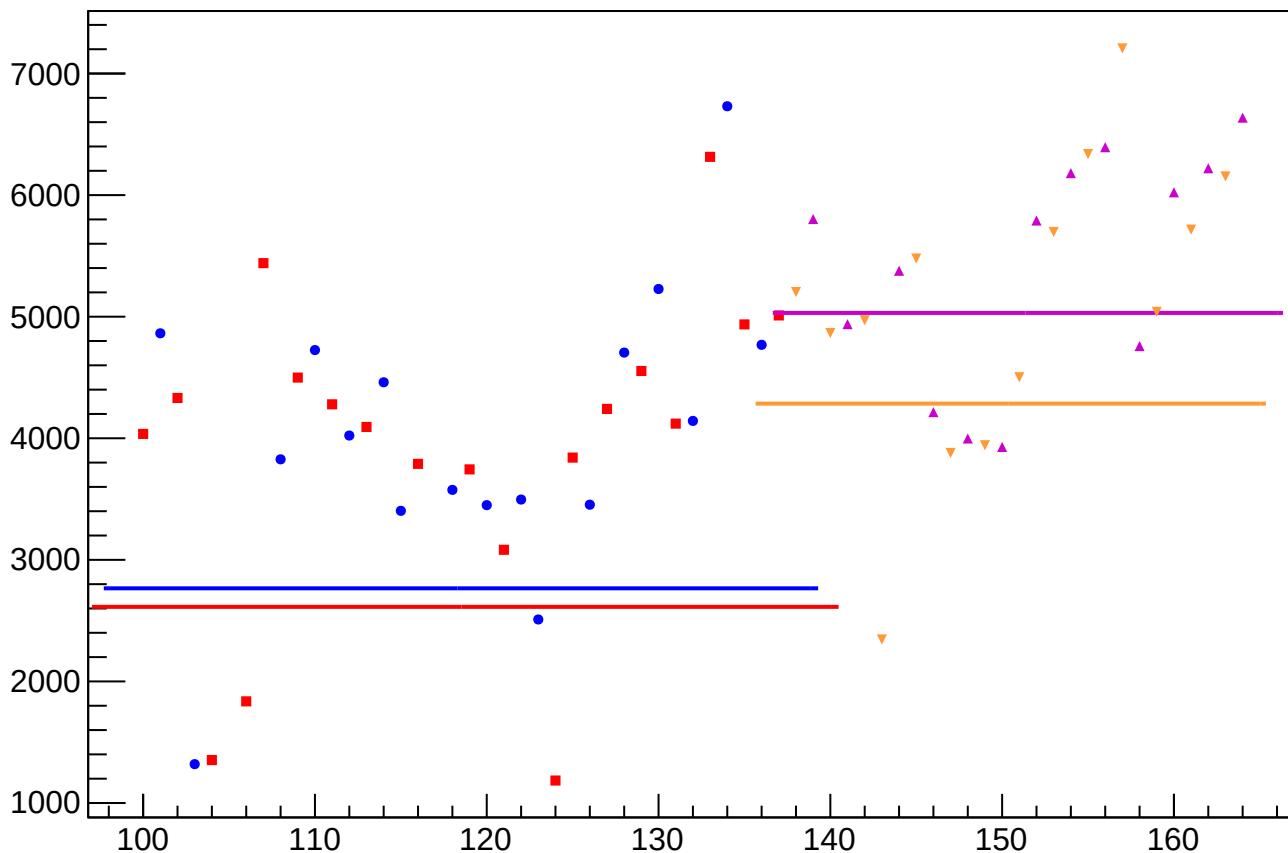
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -71.514 $\pm$ 963.800 χ^2 /NDF:26.6/29

Out: -345.971 $\pm$ 874.004 χ^2 /NDF:37.8/32

All: -222.120 $\pm$ 647.438 χ^2 /NDF: 64.4/62

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: 4285.140+/-0.980 χ^2/NDF : 2035694.1/13

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

Left In: 5030.962+/-1.123 χ^2/NDF : 669532.3/12

Left: 4607.420+/-0.738 χ^2/NDF : 2955533.7/26

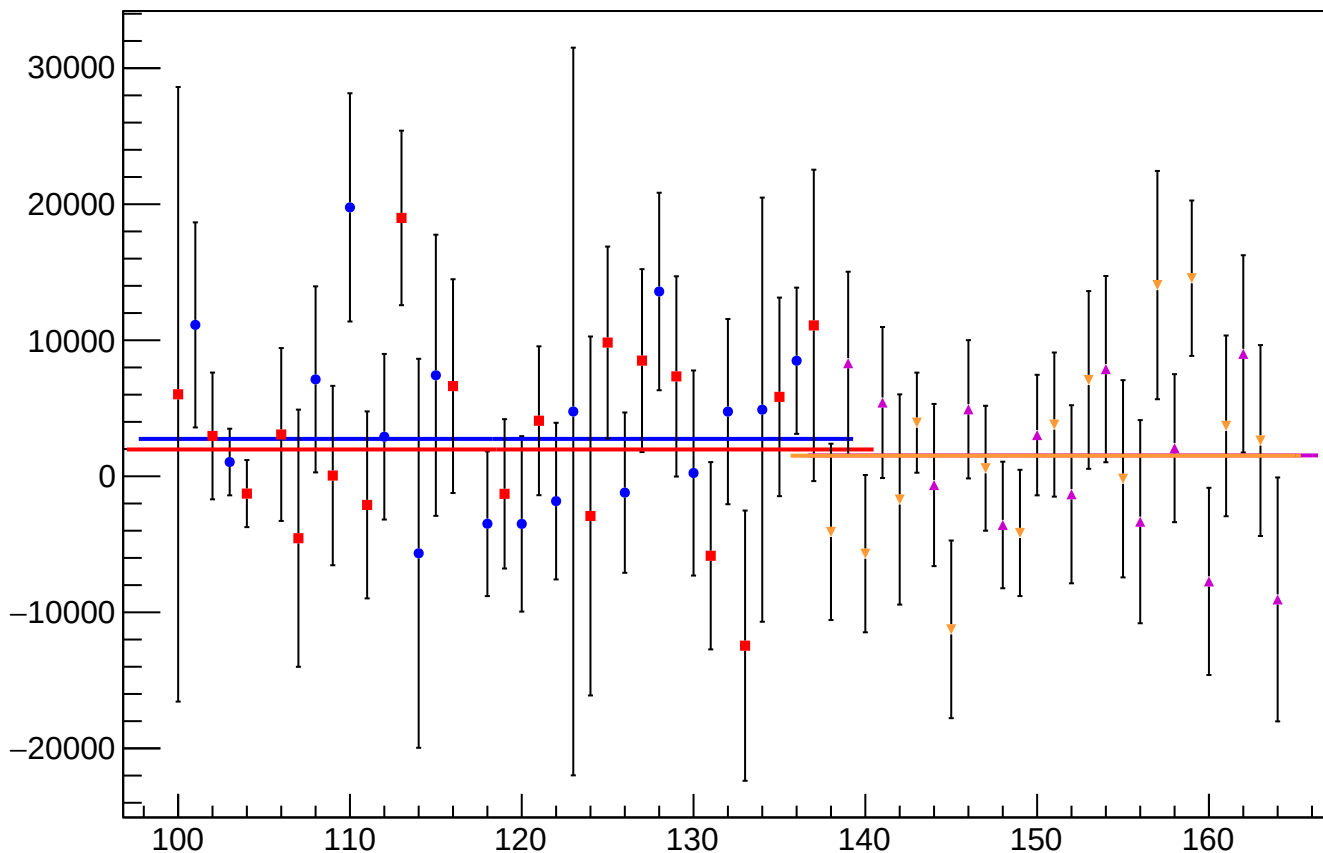
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3599.413+/-0.682 χ^2/NDF : 6178181.4/29

Out: 3278.304+/-0.618 χ^2/NDF : 7128450.6/32

All: 3423.207+/-0.458 χ^2/NDF : 13428455.0/66

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: 1513.467+/-1529.205 χ^2/NDF : 16.8/13

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

Left In: 1535.489+/-1649.489 χ^2/NDF : 9.2/12

Left: 1523.646+/-1121.426 χ^2/NDF : 26.0/26

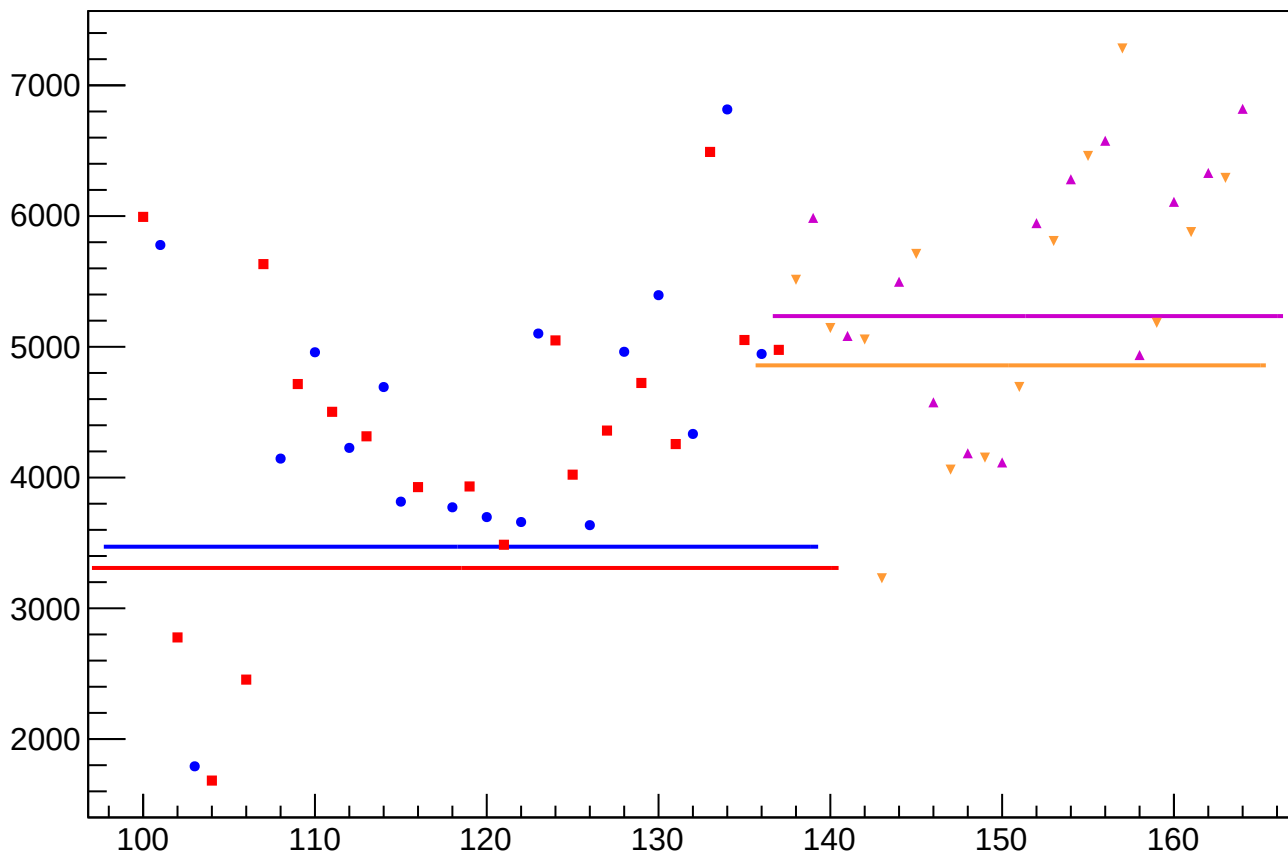
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2221.004+/-1087.616 χ^2/NDF : 23.2/29

Out: 1765.443+/-1025.206 χ^2/NDF : 34.7/32

All: 1979.778+/-746.018 χ^2/NDF : 58.0/62

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: 4858.158+/-1.081 χ^2/NDF : 1005160.0/13

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

Left In: 5235.010+/-1.166 χ^2/NDF : 574643.4/12

Left: 5032.344+/-0.793 χ^2/NDF : 1635944.9/26

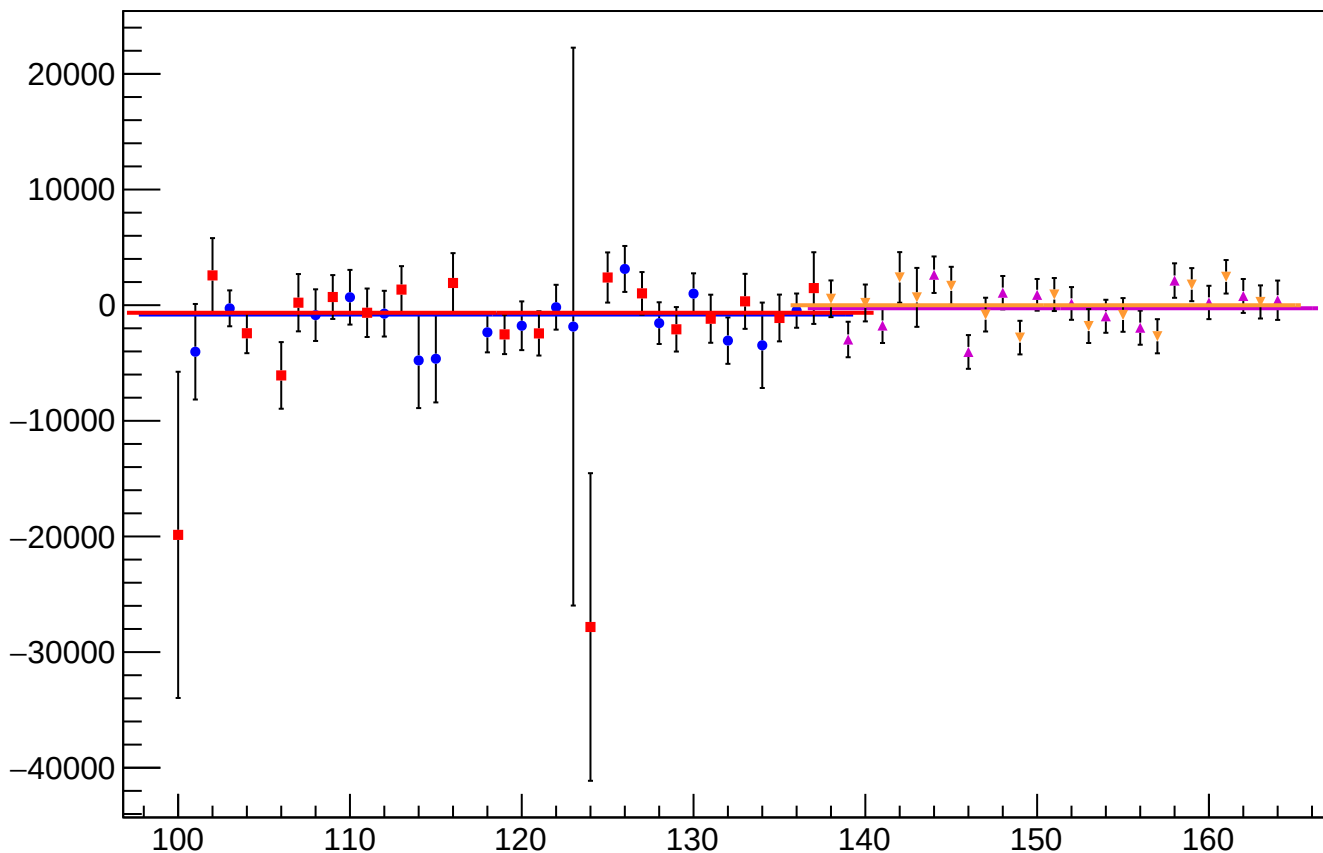
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4237.991+/-0.769 χ^2/NDF : 3635236.6/29

Out: 3998.006+/-0.721 χ^2/NDF : 4059515.1/32

All: 4110.311+/-0.526 χ^2/NDF : 7746560.1/62

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 $\pm$ 518.190 χ^2 /NDF: 11.2/16

Left Out: -5.725 $\pm$ 415.064 χ^2 /NDF:16.5/13

Right Out: -656.248 $\pm$ 514.588 χ^2 /NDF: 20.4/18

Left In: -265.686 $\pm$ 410.409 χ^2 /NDF:20.8/12

Left: -137.172 $\pm$ 291.835 χ^2 /NDF: 37.5/26

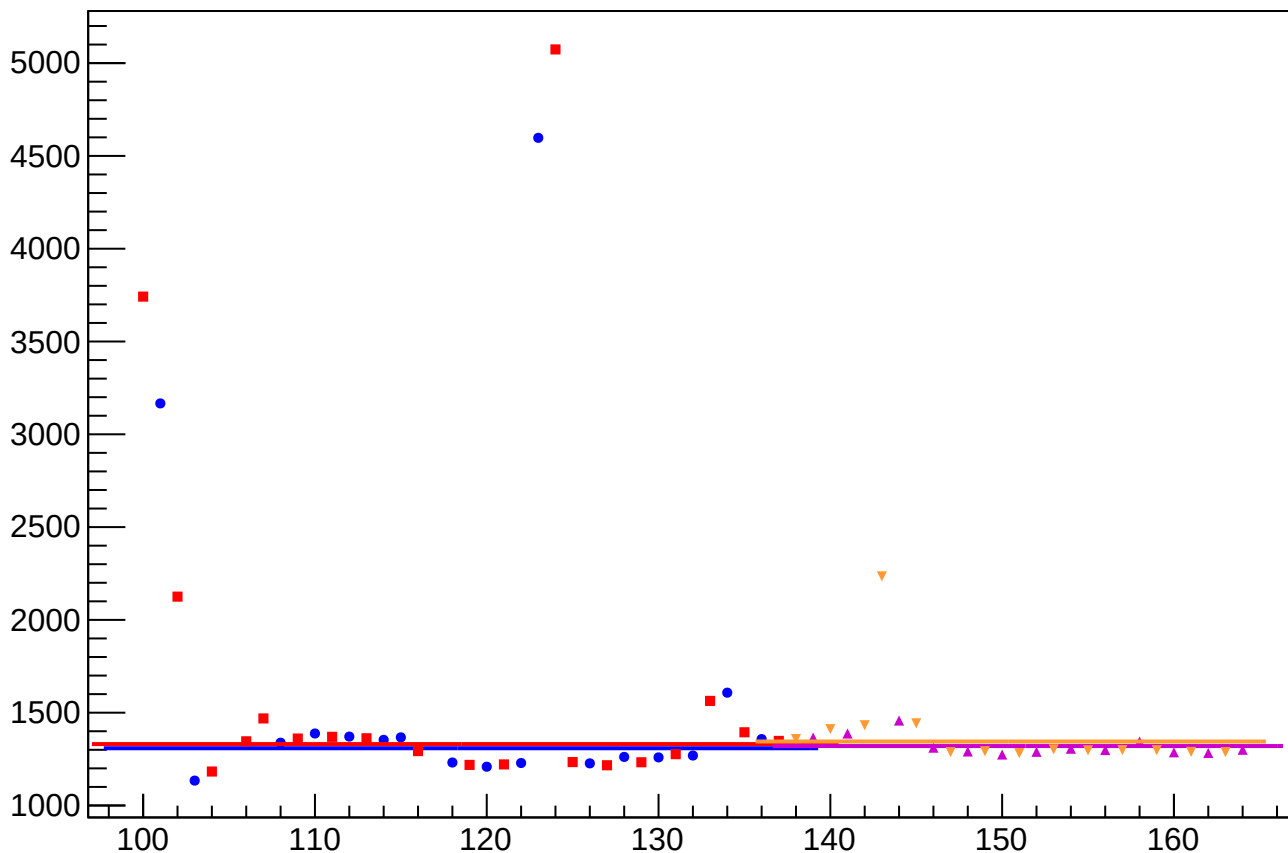
Right: -732.099 $\pm$ 365.136 χ^2 /NDF: 31.6/35

In: -475.126 $\pm$ 321.726 χ^2 /NDF:32.6/29

Out: -262.134 $\pm$ 323.069 χ^2 /NDF:37.9/32

All: -369.073 $\pm$ 227.968 χ^2 /NDF: 70.7/62

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: 1344.749 $\pm$ 0.293 χ^2 /NDF: 281484.9/13

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

Left In: 1320.248 $\pm$ 0.290 χ^2 /NDF: 28812.1/12

Left: 1332.360 $\pm$ 0.206 χ^2 /NDF: 313820.7/26

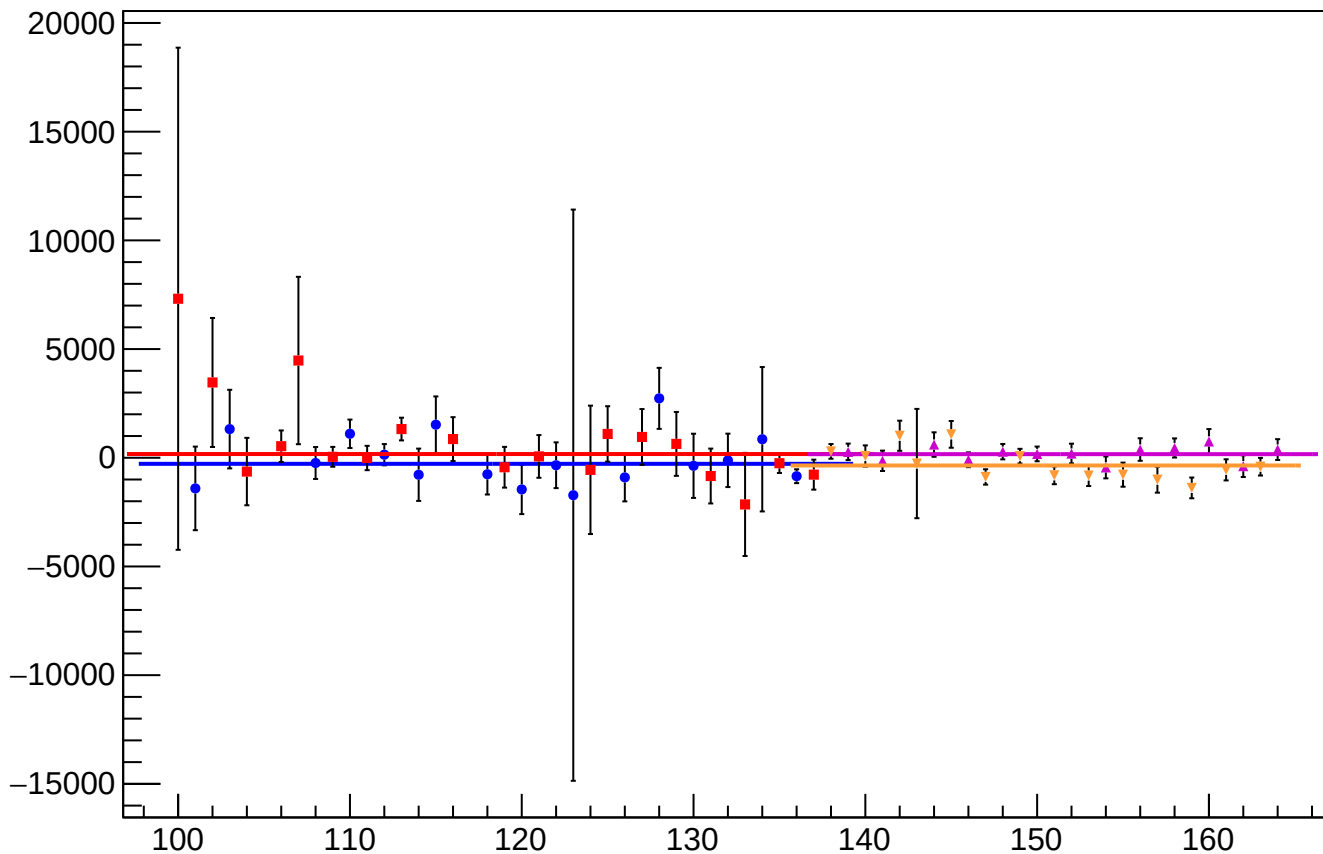
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1315.668 $\pm$ 0.227 χ^2 /NDF: 536003.3/29

Out: 1339.274 $\pm$ 0.228 χ^2 /NDF: 698213.2/32

All: 1327.422 $\pm$ 0.161 χ^2 /NDF: 1239577.8/62

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 $\pm$ 198.123 χ^2 /NDF: 18.0/16

Left Out: -354.507 $\pm$ 123.387 χ^2 /NDF:26.4/13

Right Out: 171.593 $\pm$ 192.461 χ^2 /NDF: 14.7/18

Left In: 166.450 $\pm$ 120.244 χ^2 /NDF:6.3/12

Left: -87.309 $\pm$ 86.115 χ^2 /NDF: 41.9/26

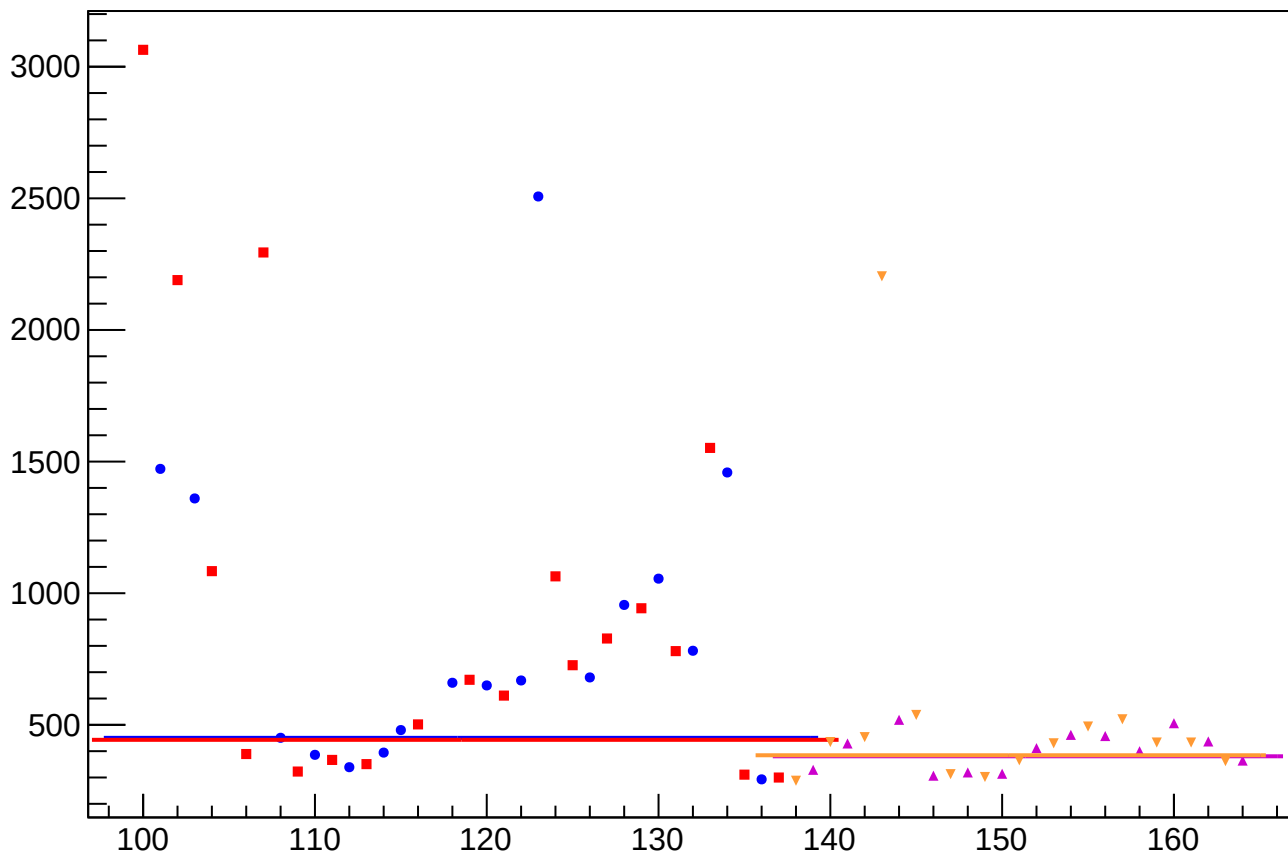
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 46.616 $\pm$ 102.793 χ^2 /NDF:28.1/29

Out: -201.260 $\pm$ 103.874 χ^2 /NDF:46.5/32

All: -76.027 $\pm$ 73.065 χ^2 /NDF: 77.4/62

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: 384.445 $\pm$ 0.087 χ^2 /NDF: 1829292.5/13

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

Left In: 380.560 $\pm$ 0.085 χ^2 /NDF: 644859.3/12

Left: 382.453 $\pm$ 0.061 χ^2 /NDF: 2475168.8/26

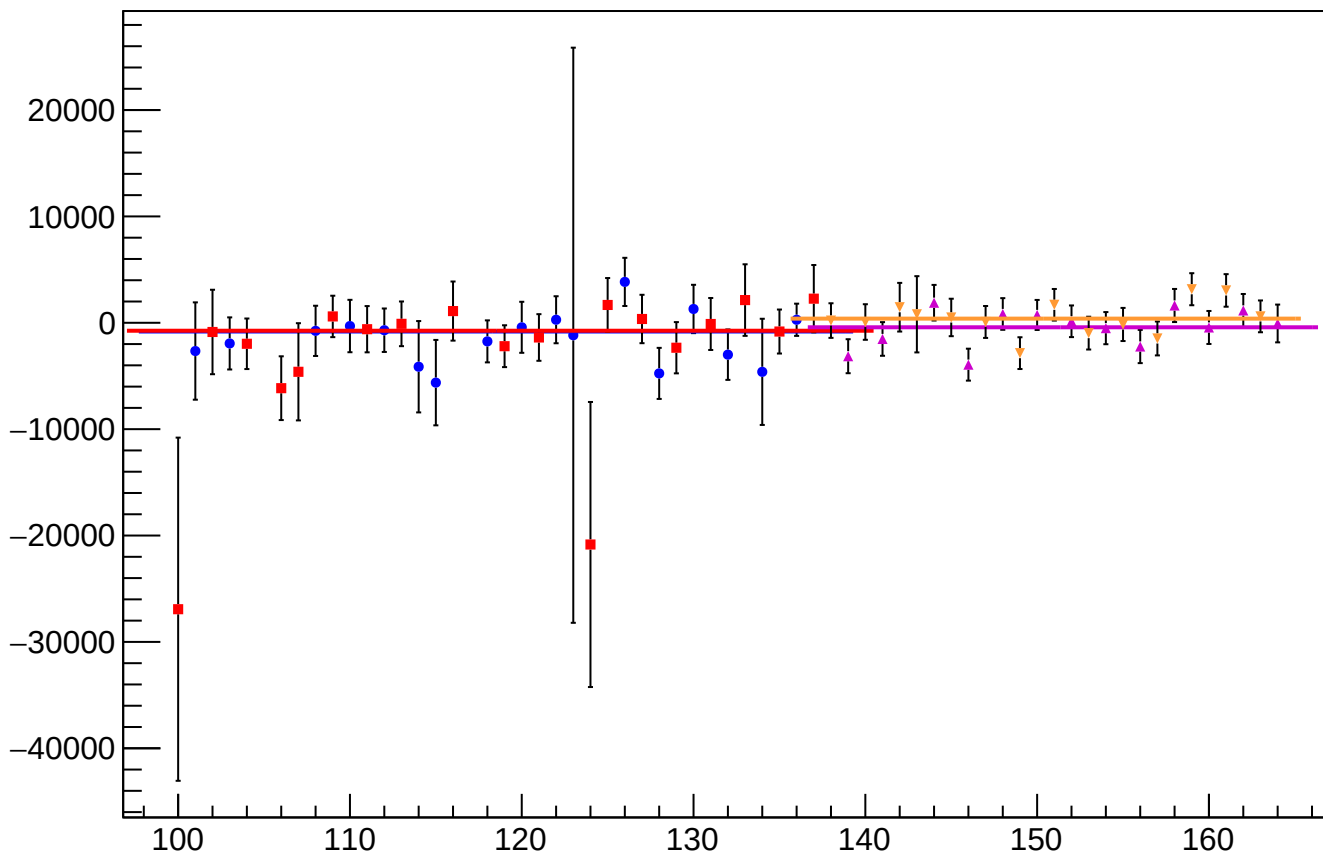
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 399.413 $\pm$ 0.073 χ^2 /NDF: 3825234.0/29

Out: 401.530 $\pm$ 0.073 χ^2 /NDF: 5432294.8/32

All: 400.460 $\pm$ 0.052 χ^2 /NDF: 9257948.2/62

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 391.678+/-437.905 χ^2/NDF :14.5/13

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

Left In: -422.754+/-430.041 χ^2/NDF :16.4/12

Left: -22.916+/-306.828 χ^2/NDF : 32.7/26

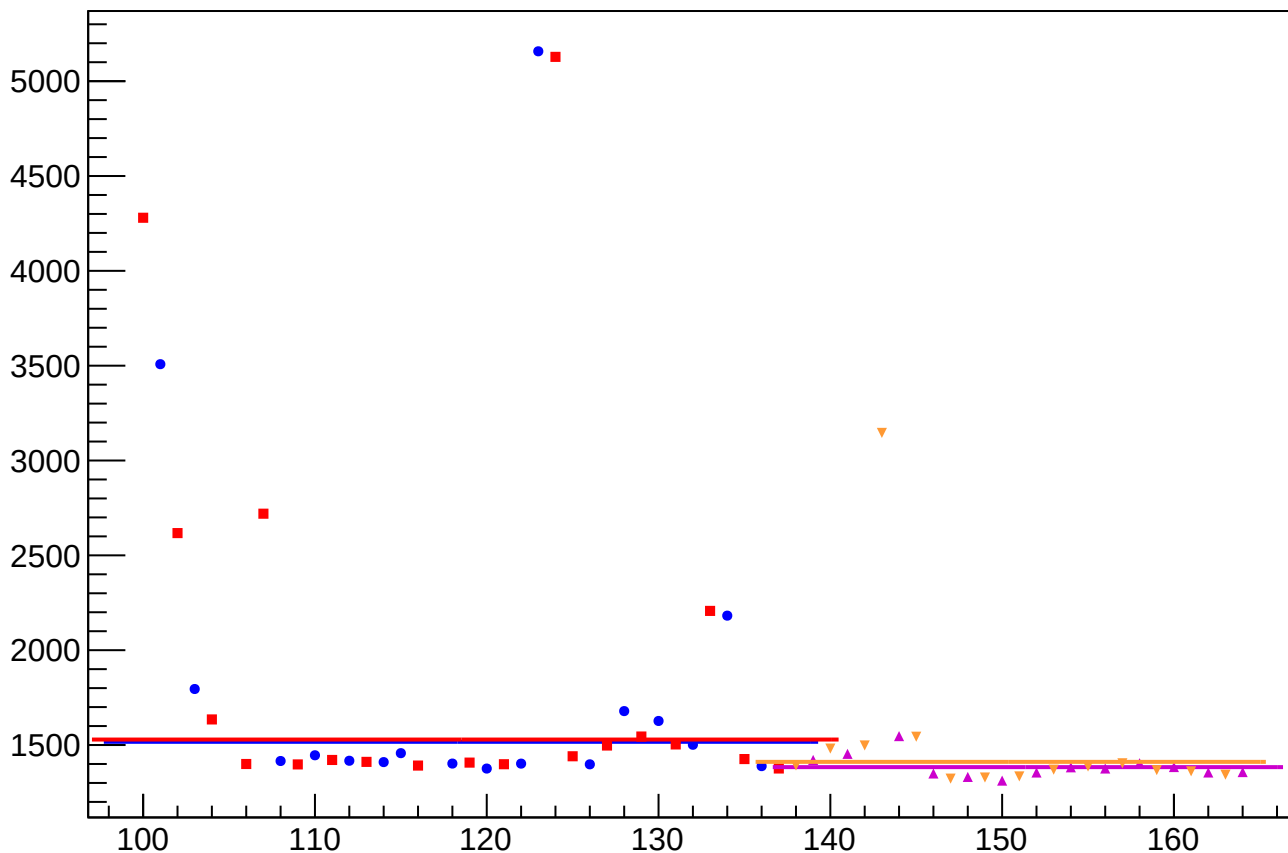
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -556.249+/-349.760 χ^2/NDF :29.4/29

Out: -7.597+/-352.821 χ^2/NDF :30.9/32

All: -284.313+/-248.393 χ^2/NDF : 61.6/62

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: 1411.180+/-0.310 χ^2/NDF : 514681.9/13

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

Left In: 1383.390+/-0.304 χ^2/NDF : 34830.7/12

Left: 1397.033+/-0.217 χ^2/NDF : 553612.9/26

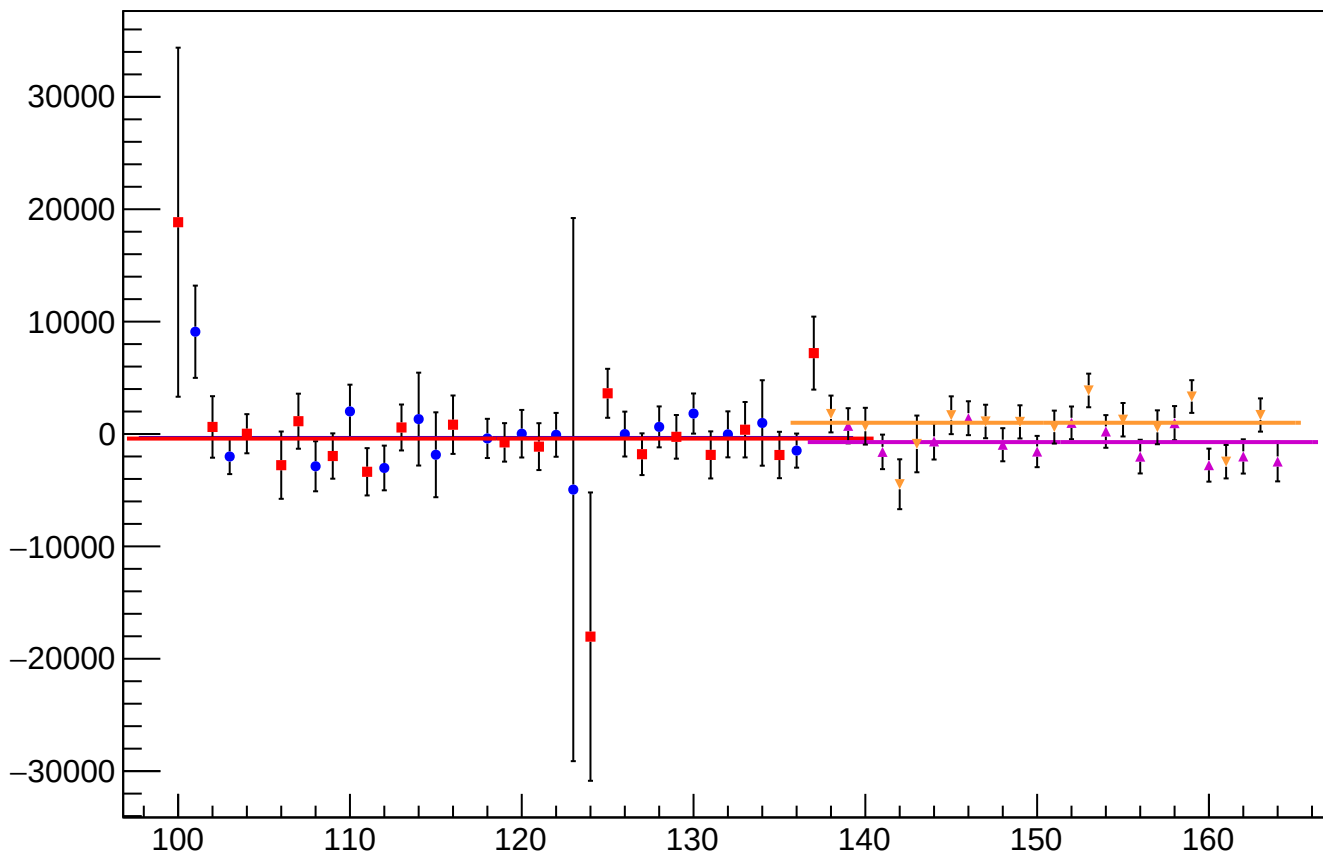
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1428.597+/-0.247 χ^2/NDF : 641159.8/29

Out: 1452.466+/-0.249 χ^2/NDF : 1195535.0/32

All: 1440.428+/-0.176 χ^2/NDF : 1841311.5/62

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: 999.982+/-424.322 χ^2/NDF : 19.1/13

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

Left In: -720.336+/-419.942 χ^2/NDF : 10.9/12

Left: 130.898+/-298.480 χ^2/NDF : 38.4/26

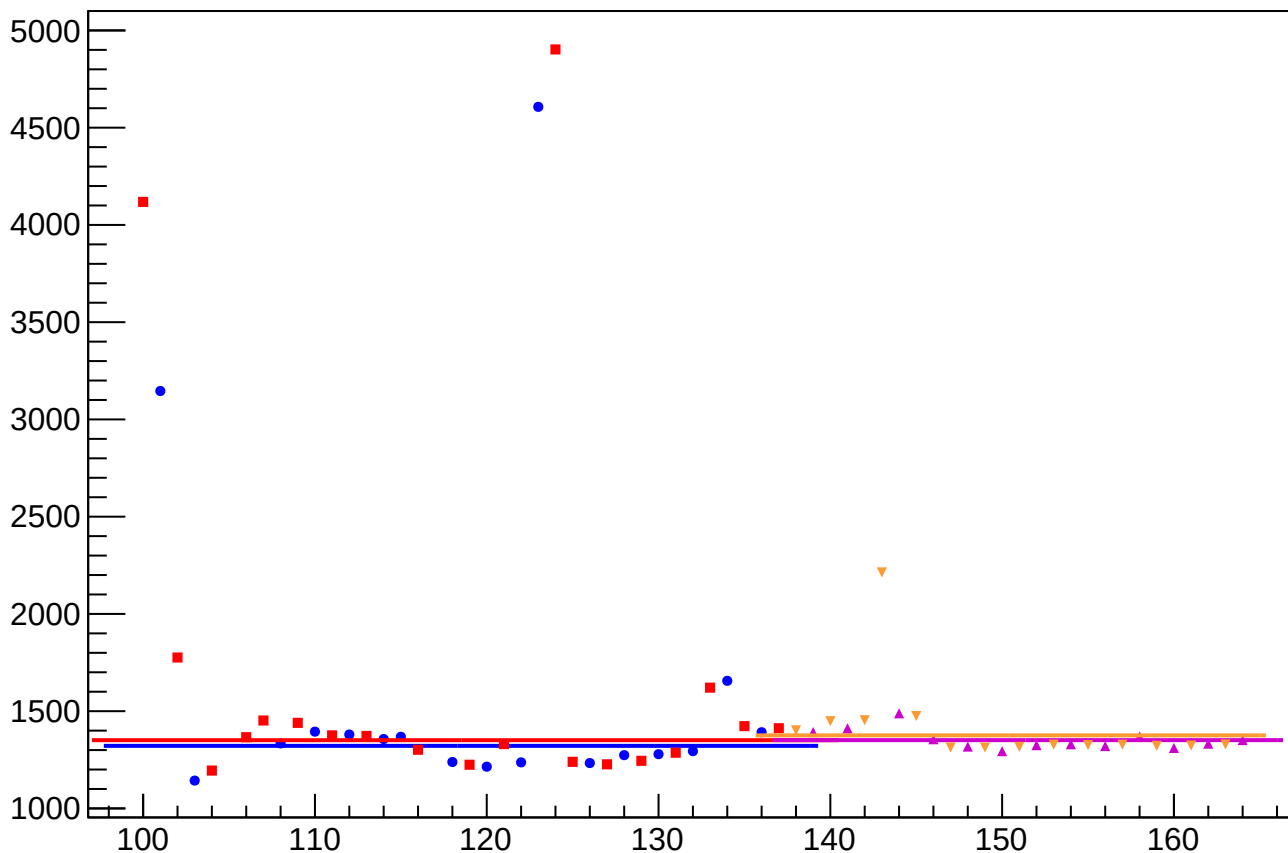
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -576.502+/-327.528 χ^2/NDF : 24.6/29

Out: 440.093+/-329.273 χ^2/NDF : 41.9/32

All: -70.906+/-232.212 χ^2/NDF : 71.3/62

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: 1375.594 $\pm$ 0.300 χ^2 /NDF: 258133.4/13

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

Left In: 1351.043 $\pm$ 0.297 χ^2 /NDF: 27486.3/12

Left: 1363.191 $\pm$ 0.211 χ^2 /NDF: 289002.1/26

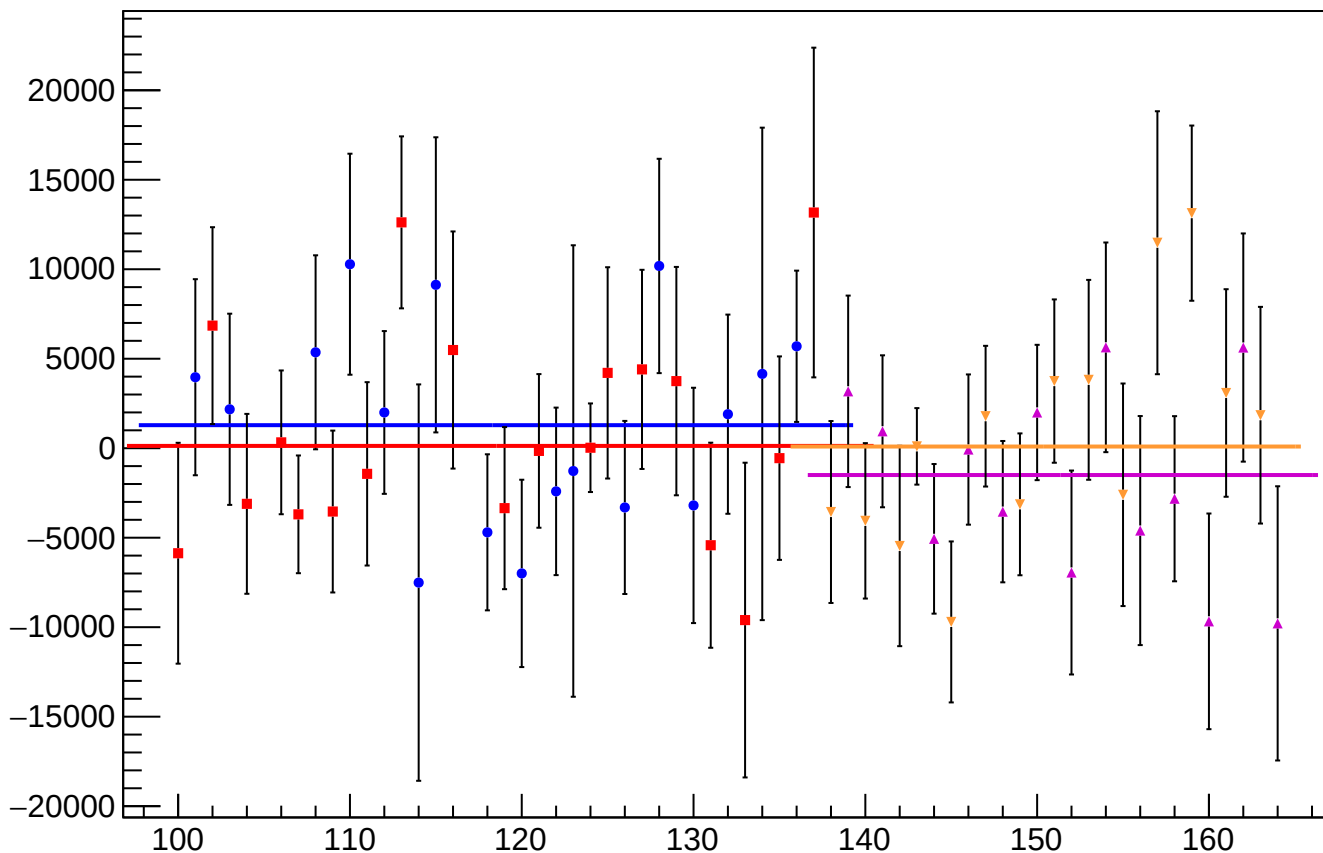
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1339.550 $\pm$ 0.232 χ^2 /NDF: 533556.3/29

Out: 1365.713 $\pm$ 0.233 χ^2 /NDF: 610741.6/32

All: 1352.565 $\pm$ 0.164 χ^2 /NDF: 1150646.0/62

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: 93.940+/-1159.695 χ^2/NDF : 19.1/13

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

Left In: -1498.382+/-1362.019 χ^2/NDF : 10.0/12

Left: -575.282+/-882.984 χ^2/NDF : 30.0/26

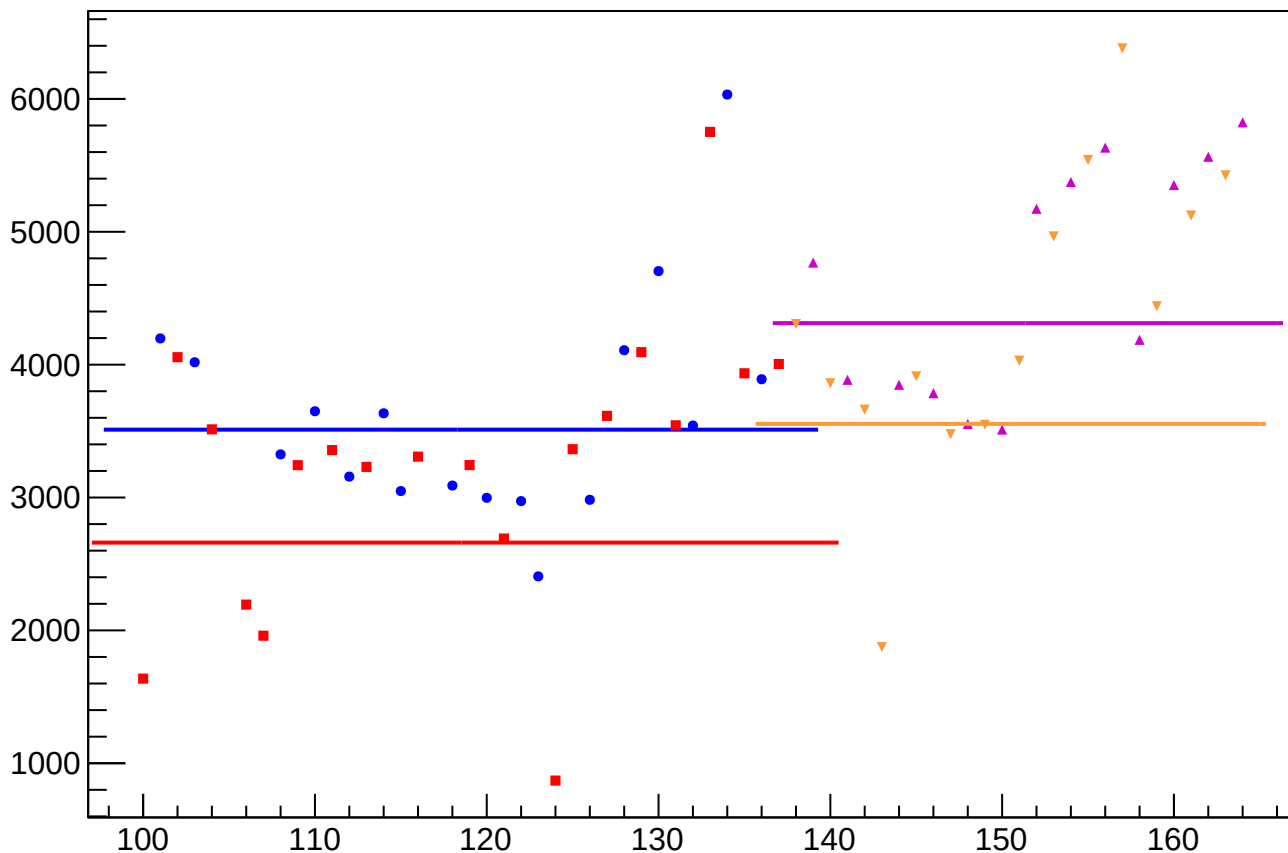
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: -119.520+/-967.947 χ^2/NDF : 26.4/29

Out: 112.569+/-793.564 χ^2/NDF : 37.7/32

All: 19.277+/-613.685 χ^2/NDF : 64.1/62

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: 3554.148 $\pm$ 0.820 χ^2 /NDF:2355303.8/13

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

Left In: 4312.734 $\pm$ 0.963 χ^2 /NDF:667293.4/12

Left: 3872.967 $\pm$ 0.624 χ^2 /NDF: 3382255.5/26

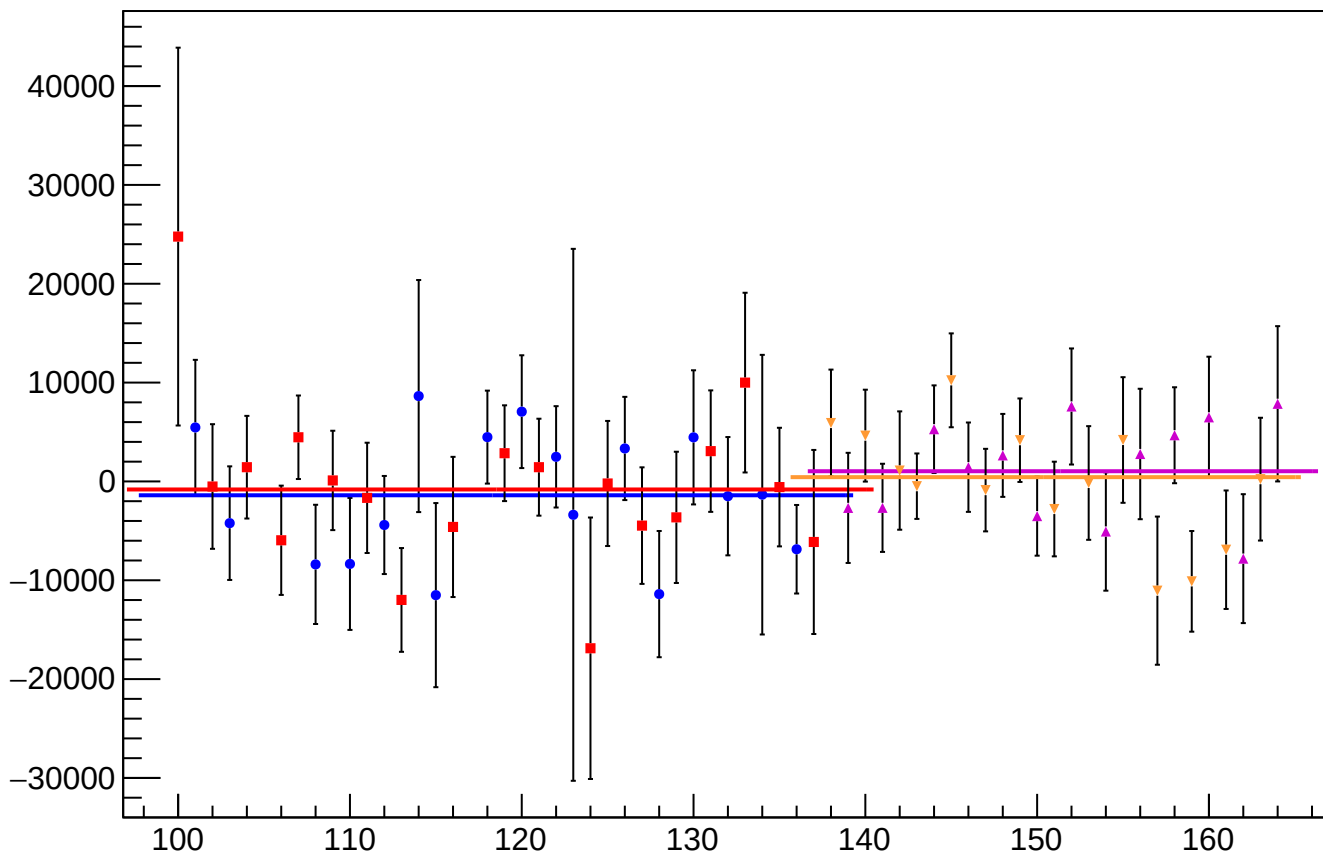
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3915.818 $\pm$ 0.684 χ^2 /NDF:1354511.1/29

Out: 3079.022 $\pm$ 0.561 χ^2 /NDF:5169285.3/32

All: 3415.384 $\pm$ 0.434 χ^2 /NDF: 7417705.1/62

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: 432.183 $\pm$ 1329.066 χ^2 /NDF:16.0/13

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

Left In: 1032.242 $\pm$ 1428.481 χ^2 /NDF:9.8/12

Left: 710.607 $\pm$ 973.041 χ^2 /NDF: 25.9/26

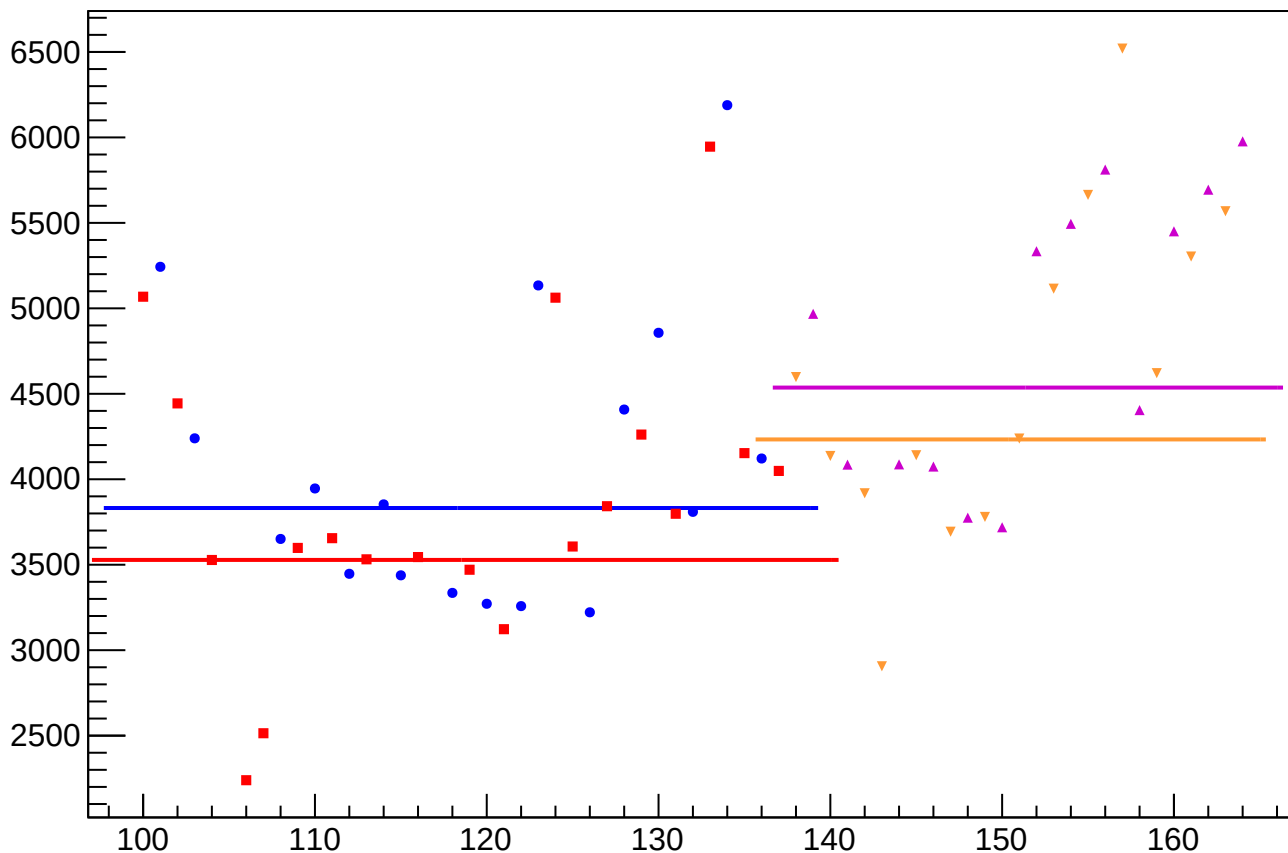
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -121.847 $\pm$ 1035.806 χ^2 /NDF:27.0/29

Out: -167.925 $\pm$ 956.993 χ^2 /NDF:30.7/32

All: -146.705 $\pm$ 702.909 χ^2 /NDF: 57.7/62

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4233.051+/-0.940 χ^2/NDF : 896513.8/13

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

Left In: 4536.406+/-1.010 χ^2/NDF : 562048.8/12

Left: 4373.806+/-0.688 χ^2/NDF : 1506907.7/26

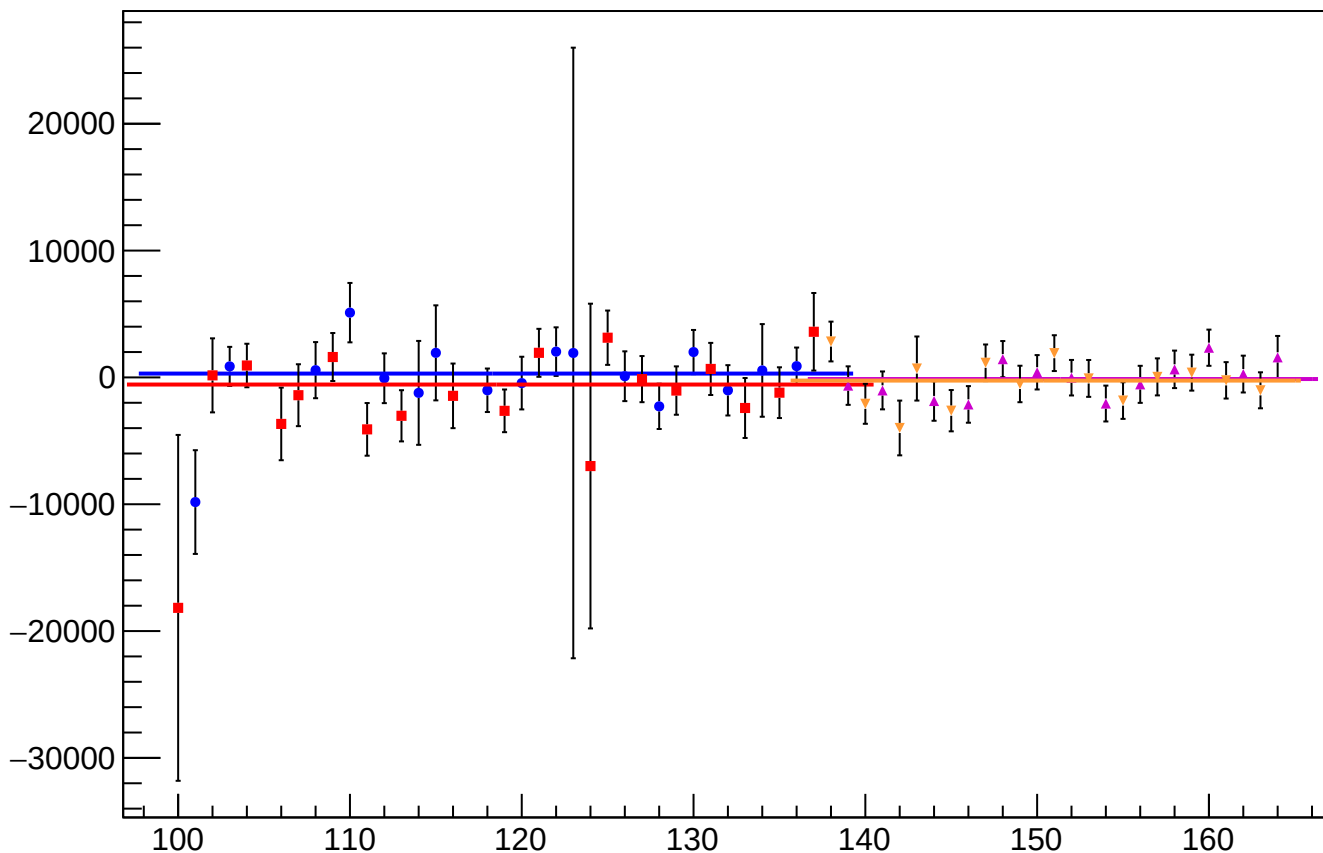
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4202.271+/-0.732 χ^2/NDF : 1130504.1/29

Out: 3890.381+/-0.674 χ^2/NDF : 1727215.6/32

All: 4033.328+/-0.496 χ^2/NDF : 2955945.7/62

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -250.042 $\pm$ 410.855 χ^2 /NDF:15.5/13

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

Left In: -127.841 $\pm$ 406.168 χ^2 /NDF:11.3/12

Left: -188.240 $\pm$ 288.847 χ^2 /NDF: 26.9/26

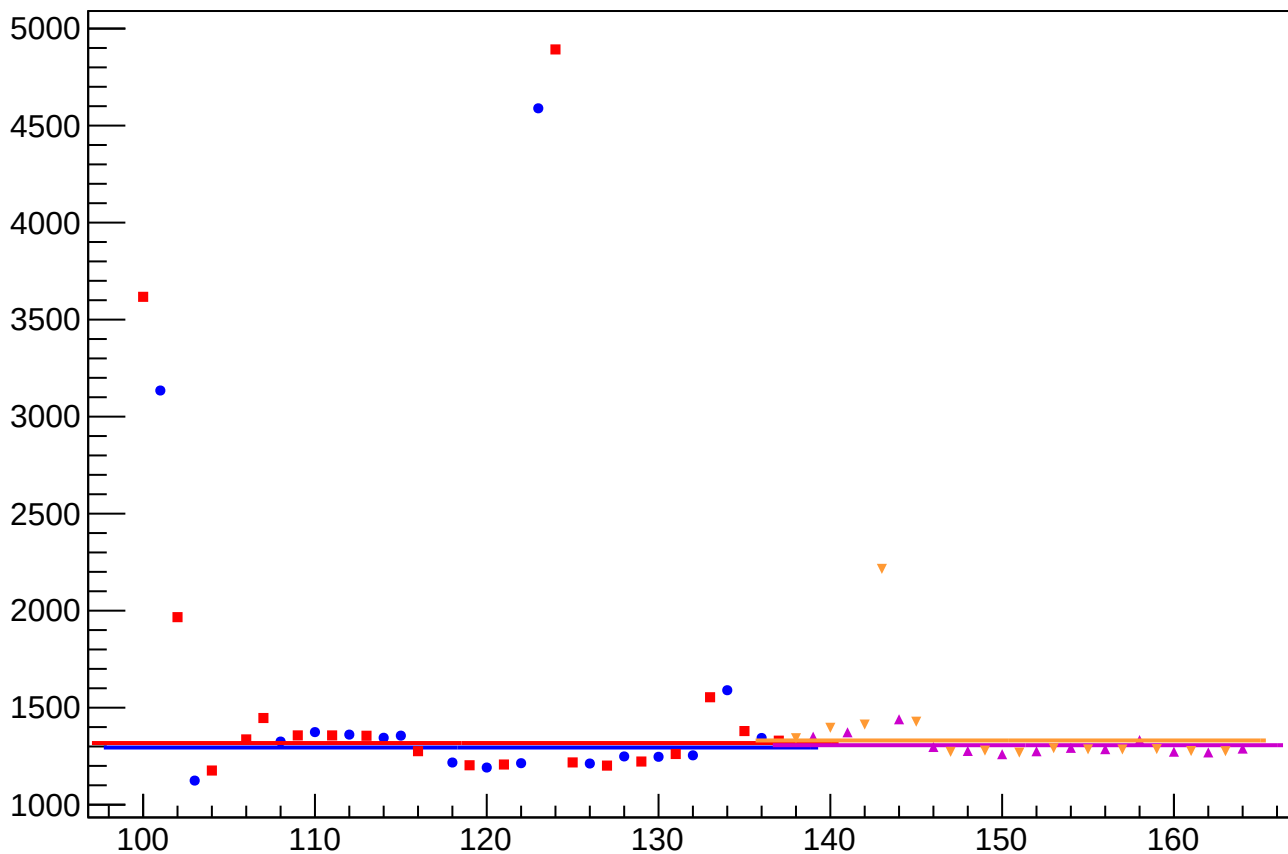
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: 37.840 $\pm$ 318.401 χ^2 /NDF:27.8/29

Out: -373.399 $\pm$ 319.535 χ^2 /NDF:34.9/32

All: -167.049 $\pm$ 225.544 χ^2 /NDF: 63.5/62

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1331.020 $\pm$ 0.291 χ^2 /NDF:281905.5/13

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

Left In: 1306.584 $\pm$ 0.287 χ^2 /NDF:28432.8/12

Left: 1318.662 $\pm$ 0.204 χ^2 /NDF: 313916.2/26

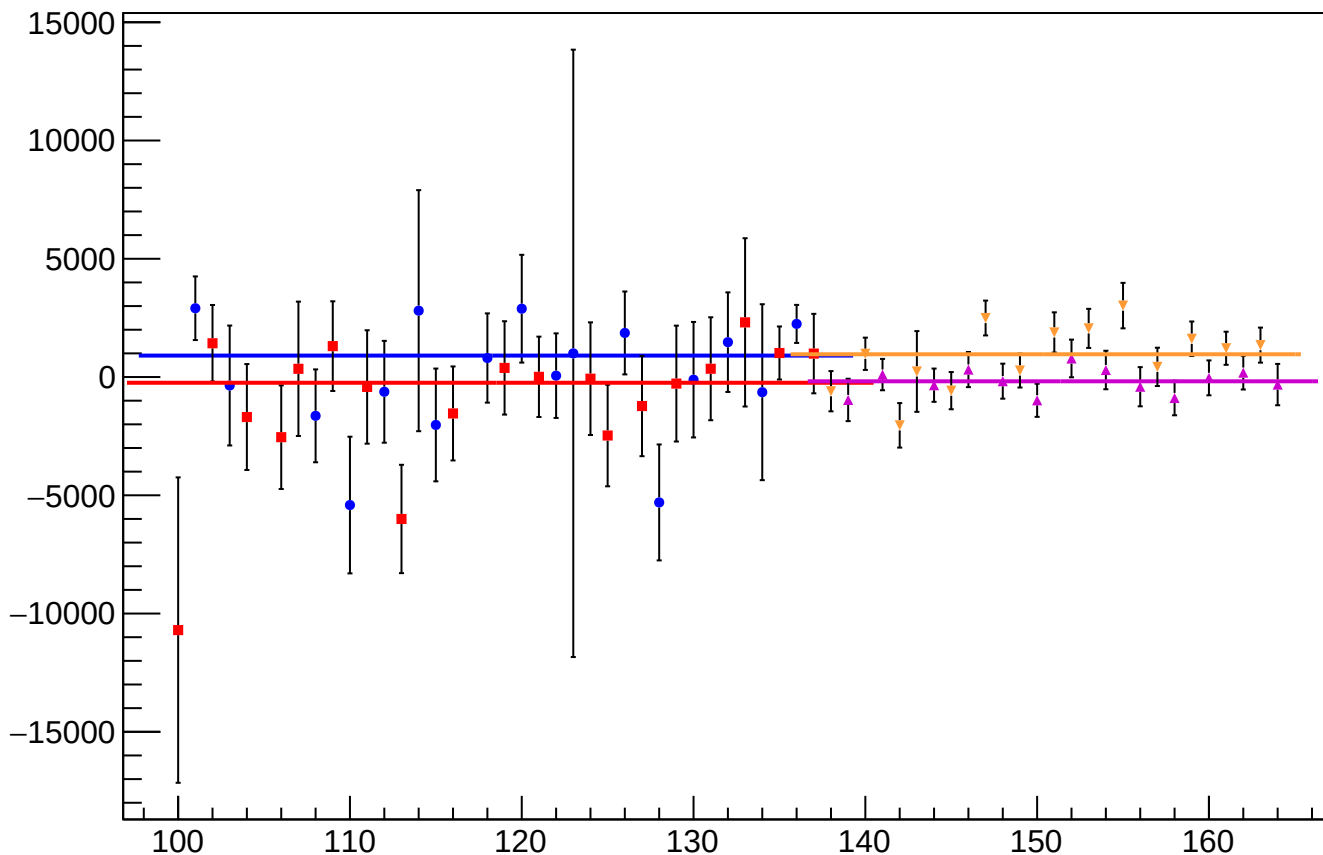
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1302.014 $\pm$ 0.225 χ^2 /NDF:536893.5/29

Out: 1325.792 $\pm$ 0.226 χ^2 /NDF:673532.5/32

All: 1313.861 $\pm$ 0.159 χ^2 /NDF: 1215982.9/62

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: 962.297 $\pm$ 215.194 χ^2 /NDF:32.0/13

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

Left In: -180.406 $\pm$ 209.647 χ^2 /NDF:5.9/12

Left: 376.029 $\pm$ 150.166 χ^2 /NDF: 52.4/26

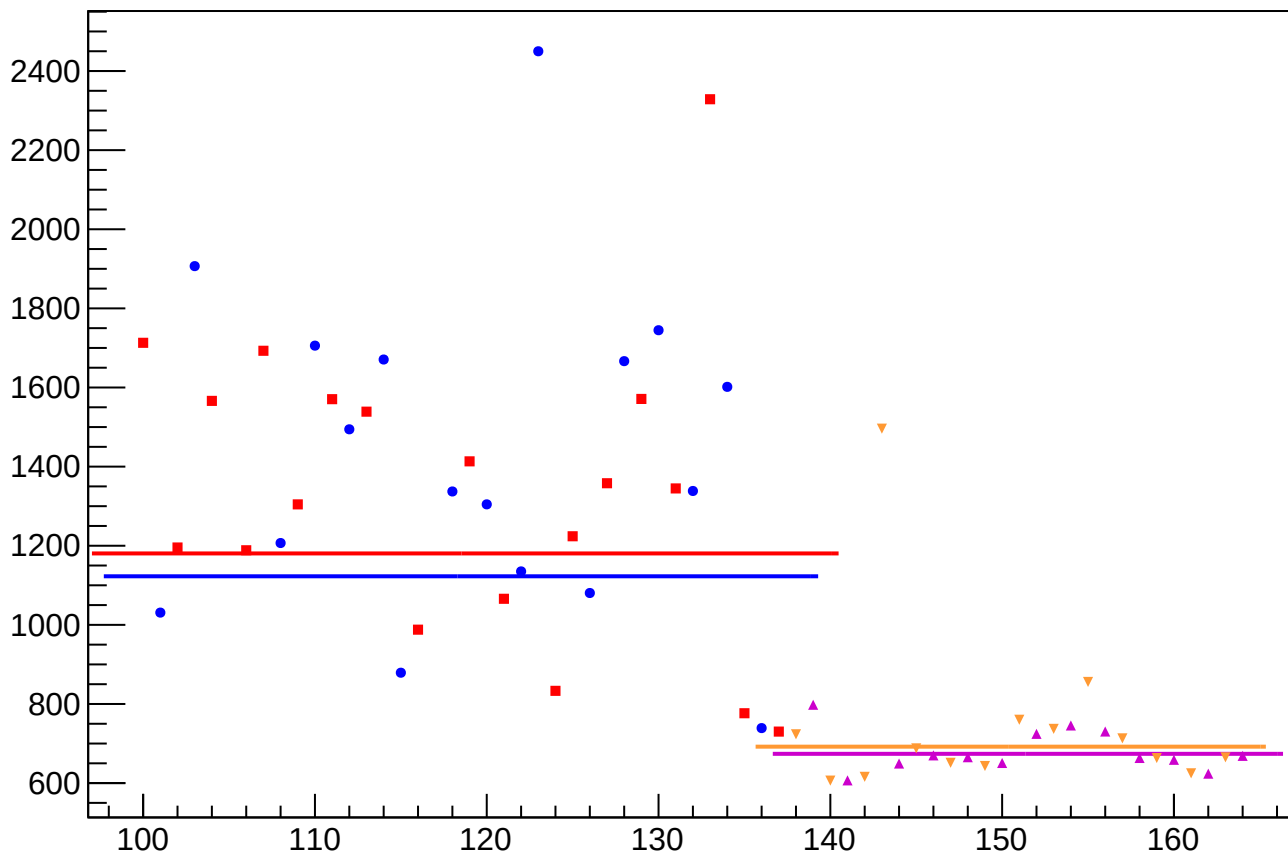
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 9.391 $\pm$ 190.469 χ^2 /NDF:32.6/29

Out: 748.561 $\pm$ 195.171 χ^2 /NDF:54.0/32

All: 369.964 $\pm$ 136.314 χ^2 /NDF: 94.0/62

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 692.107+/-0.152 χ^2/NDF : 608818.0/13

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 673.993+/-0.148 χ^2/NDF : 107861.2/12

Left: 682.814+/-0.106 χ^2/NDF : 723949.4/26

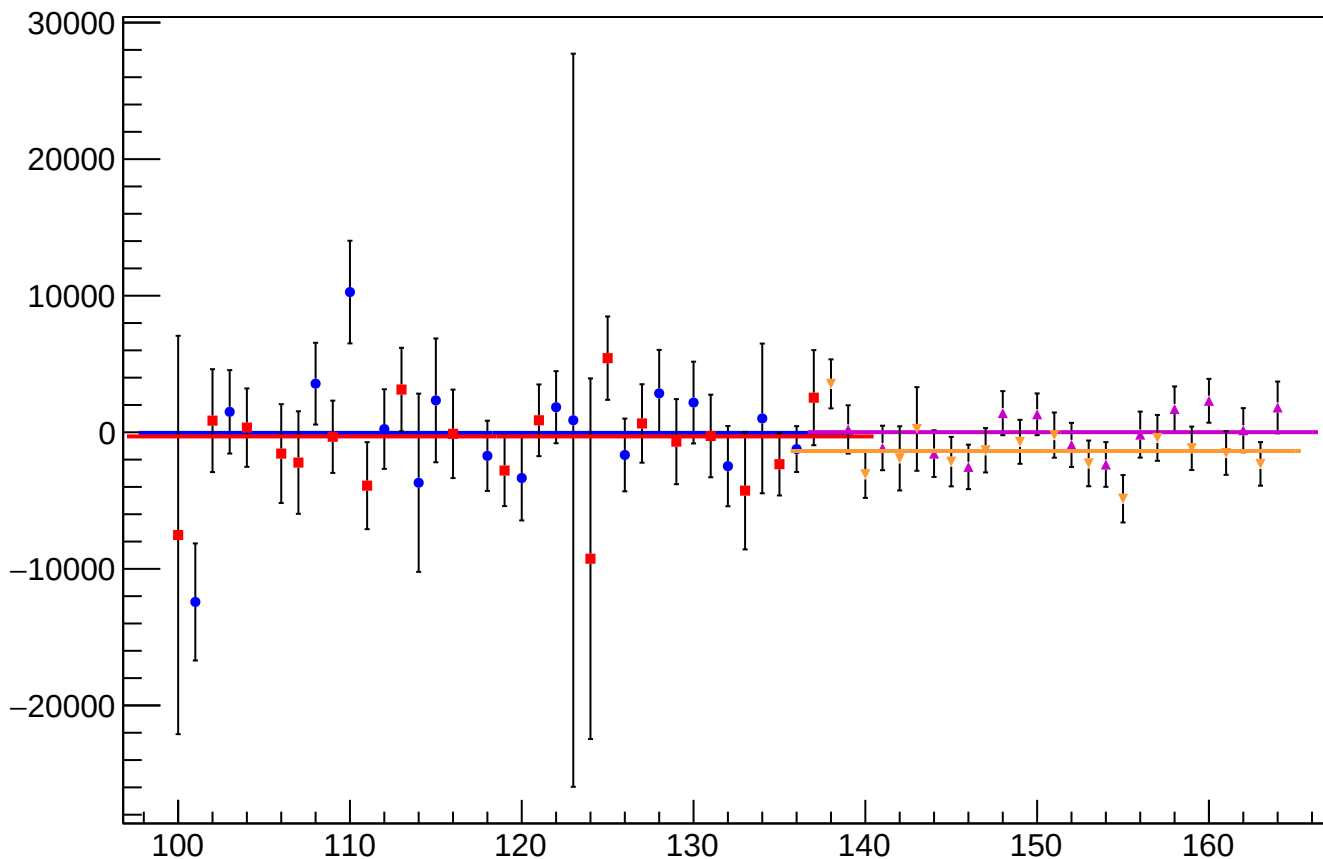
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 752.346+/-0.135 χ^2/NDF : 2895936.2/29

Out: 778.773+/-0.138 χ^2/NDF : 3472461.4/32

All: 765.237+/-0.096 χ^2/NDF : 6387179.3/62

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 $\pm$ 747.588 χ^2 /NDF: 23.2/16

Left Out: -1369.689 $\pm$ 466.615 χ^2 /NDF:14.7/13

Right Out: -303.720 $\pm$ 734.458 χ^2 /NDF: 10.9/18

Left In: 9.386 $\pm$ 458.630 χ^2 /NDF:11.7/12

Left: -668.250 $\pm$ 327.087 χ^2 /NDF: 30.9/26

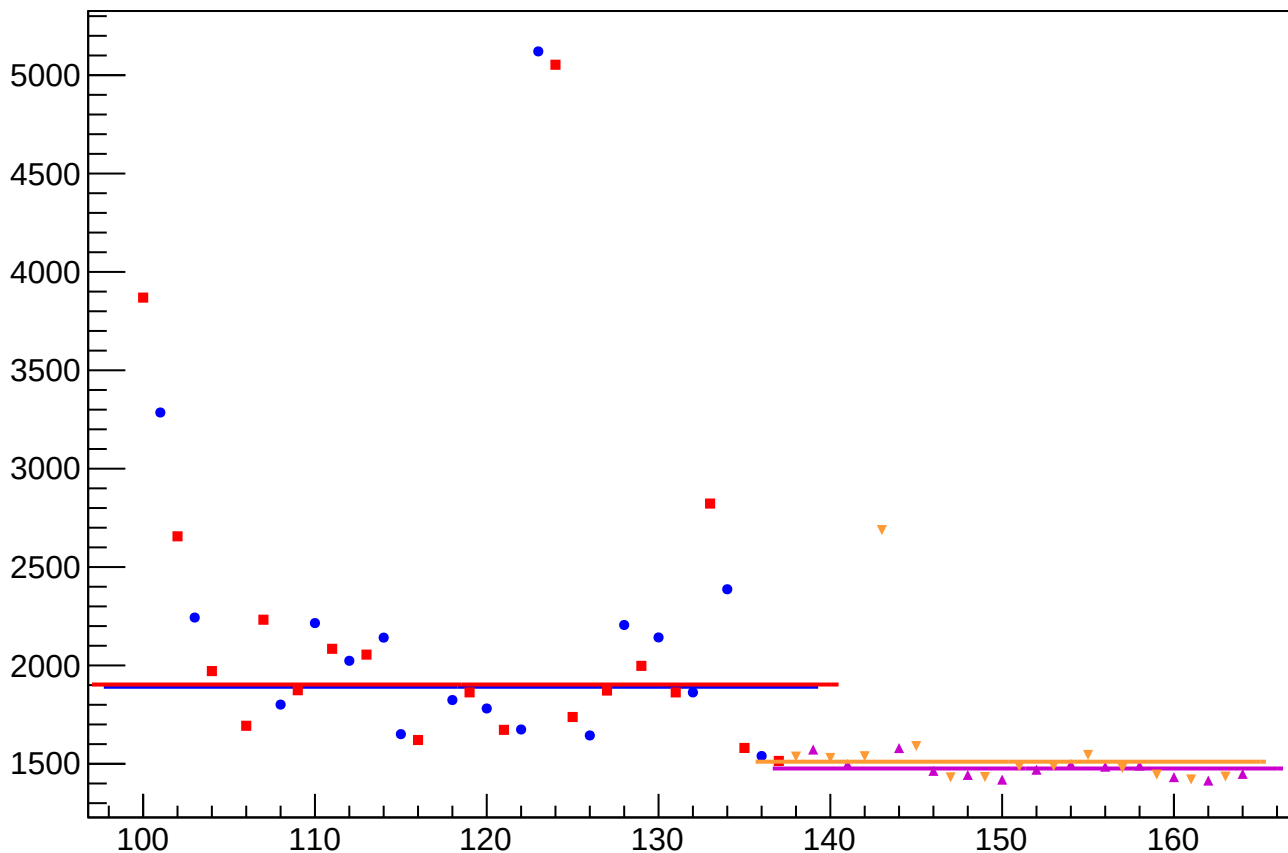
Right: -176.341 $\pm$ 523.921 χ^2 /NDF: 34.1/35

In: -5.312 $\pm$ 390.928 χ^2 /NDF:35.0/29

Out: -1063.157 $\pm$ 393.851 χ^2 /NDF:27.1/32

All: -530.294 $\pm$ 277.456 χ^2 /NDF: 65.7/62

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: 1510.766 $\pm$ 0.330 χ^2 /NDF: 326398.7/13

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1476.177 $\pm$ 0.324 χ^2 /NDF: 22741.0/12

Left: 1493.173 $\pm$ 0.231 χ^2 /NDF: 354729.4/26

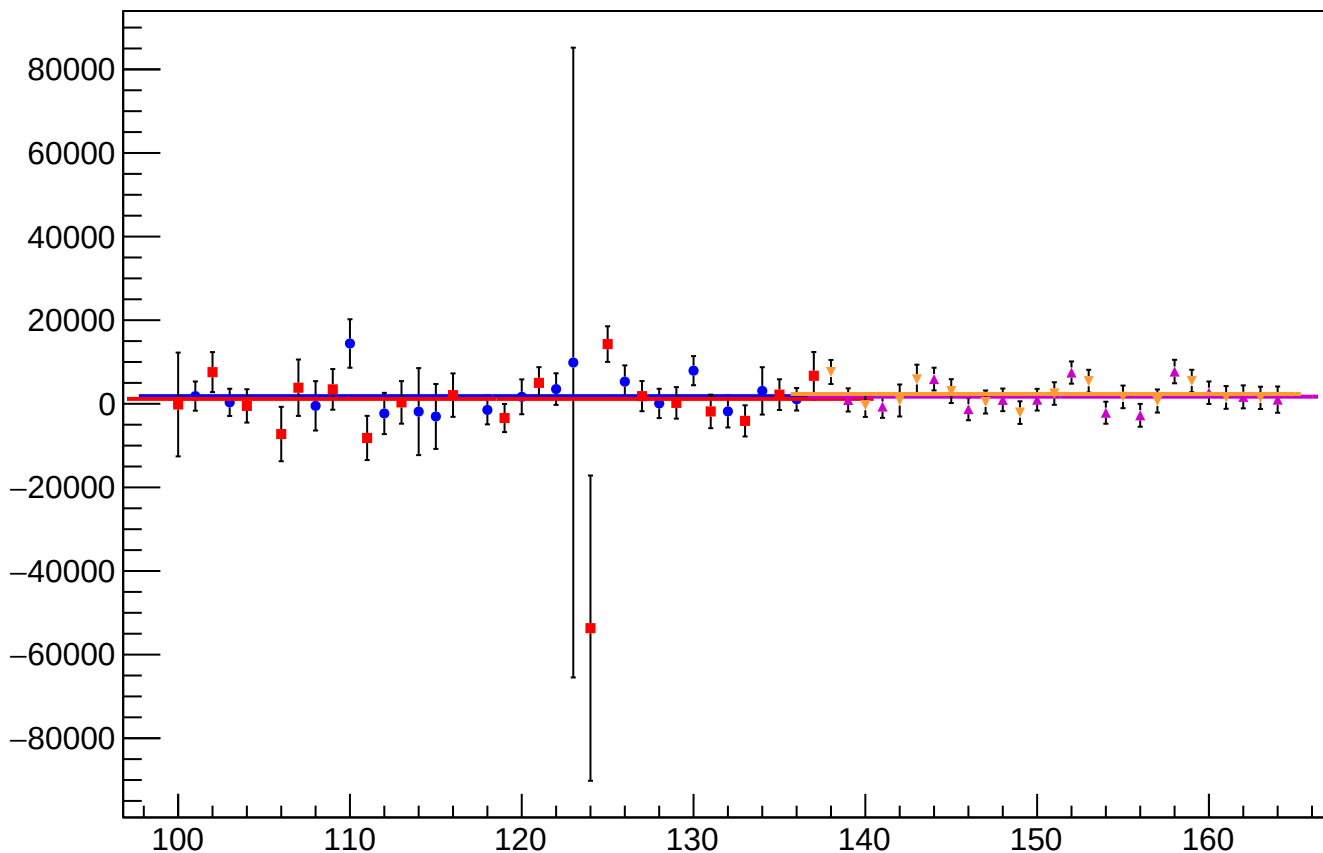
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1589.792 $\pm$ 0.276 χ^2 /NDF: 940679.4/29

Out: 1623.563 $\pm$ 0.278 χ^2 /NDF: 1192956.1/32

All: 1606.551 $\pm$ 0.196 χ^2 /NDF: 2141042.7/62

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2347.123 $\pm$ 757.824 χ^2 /NDF:11.9/13

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1702.055 $\pm$ 756.637 χ^2 /NDF:18.9/12

Left: 2024.084 $\pm$ 535.442 χ^2 /NDF: 31.2/26

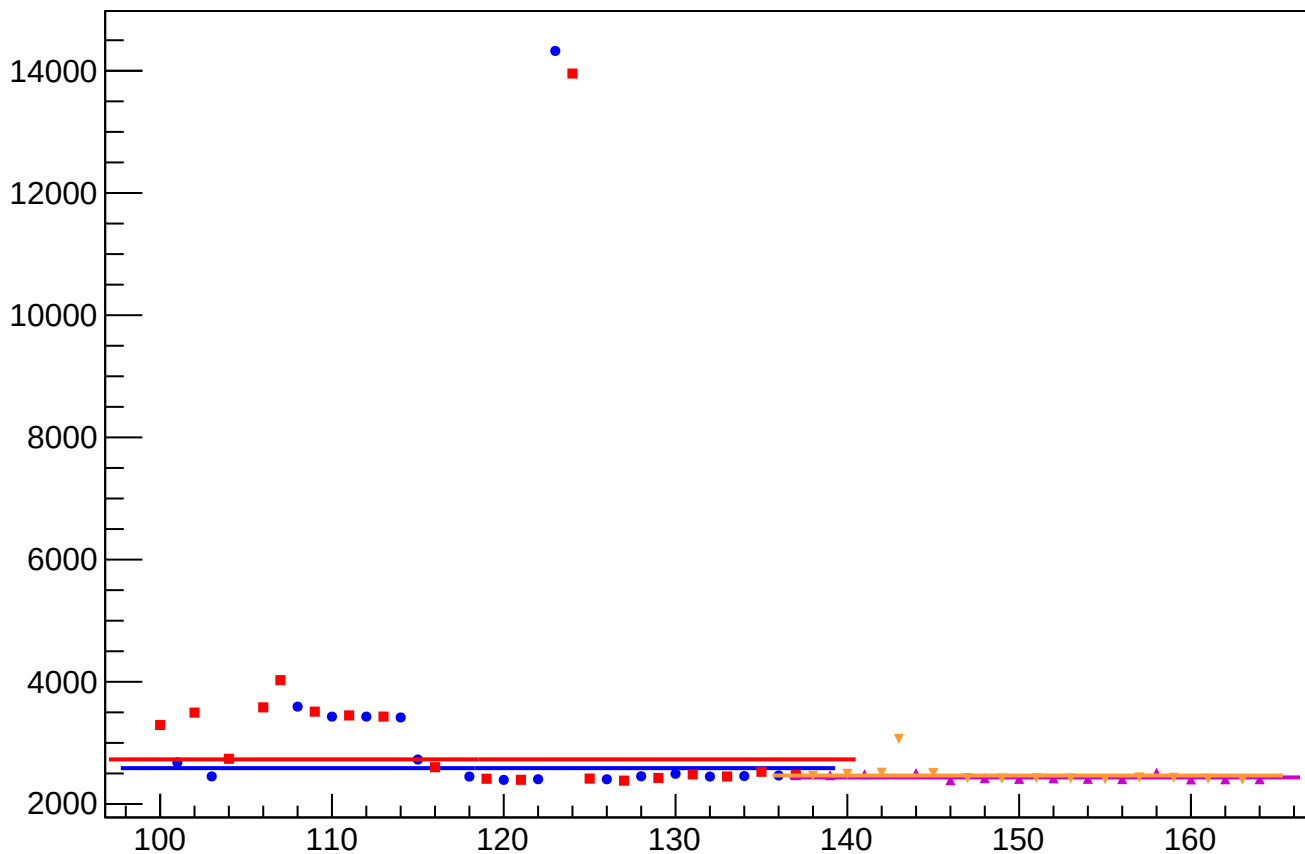
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1746.256 $\pm$ 605.594 χ^2 /NDF:31.5/29

Out: 1943.146 $\pm$ 613.727 χ^2 /NDF:38.2/32

All: 1843.388 $\pm$ 431.066 χ^2 /NDF: 69.7/62

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2466.591+/-0.536 χ^2/NDF : 64751.8/13

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2435.241+/-0.535 χ^2/NDF : 5894.2/12

Left: 2450.892+/-0.379 χ^2/NDF : 72360.1/26

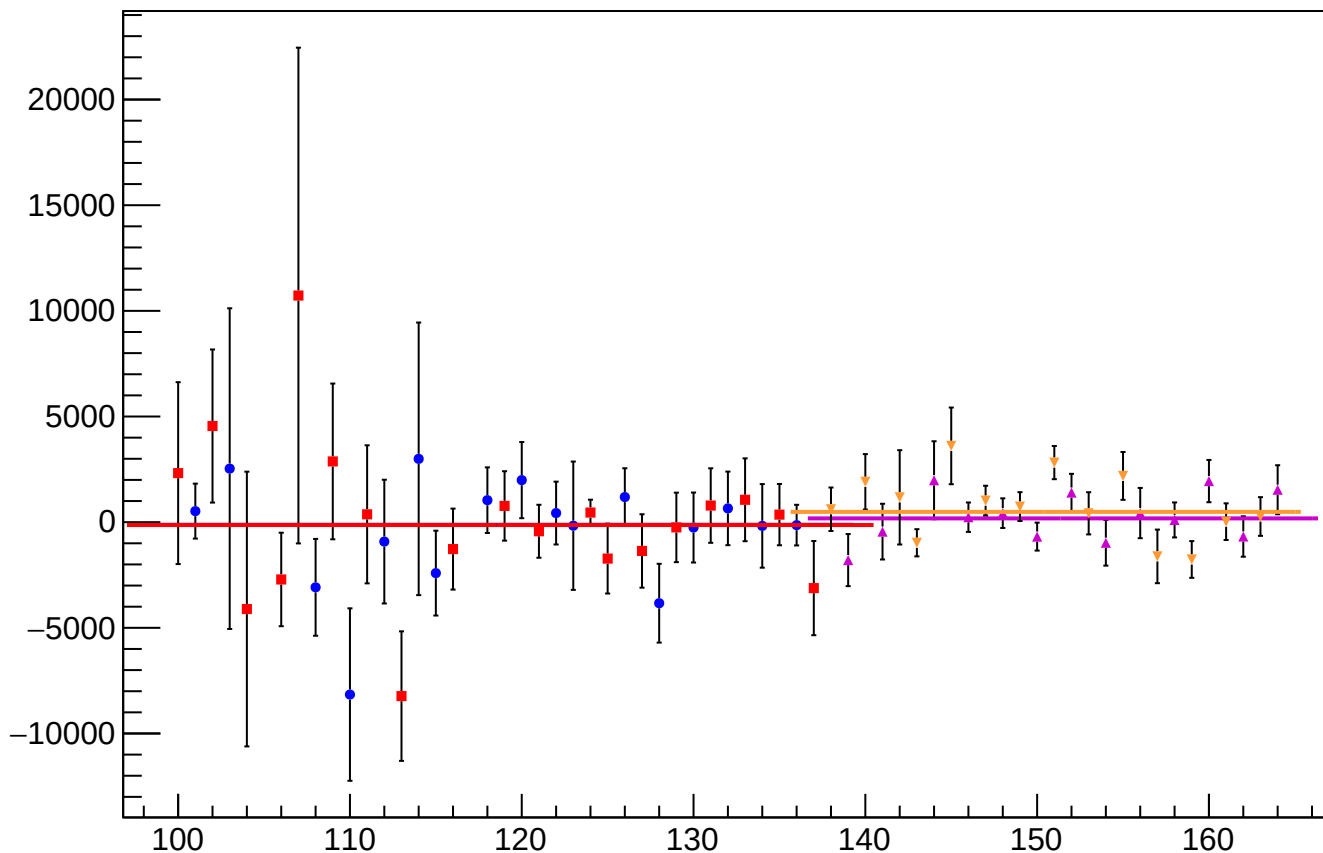
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2489.775+/-0.428 χ^2/NDF : 288914.7/29

Out: 2557.406+/-0.434 χ^2/NDF : 733205.1/32

All: 2523.140+/-0.305 χ^2/NDF : 1034425.4/62

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 487.031+/-246.282 χ^2/NDF : 31.0/13

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: 178.749+/-257.985 χ^2/NDF : 13.9/12

Left: 340.041+/-178.141 χ^2/NDF : 45.7/26

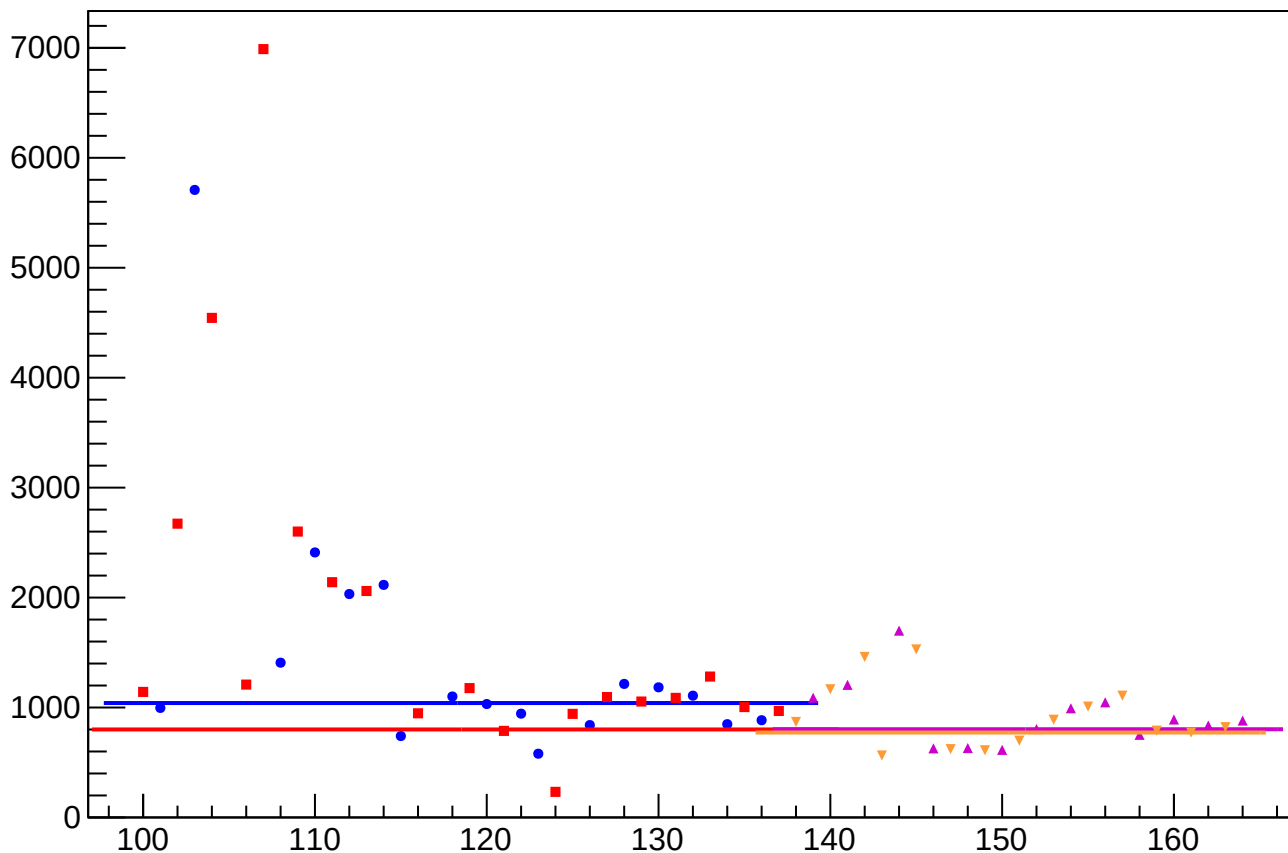
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: 98.700+/-221.327 χ^2/NDF : 29.0/29

Out: 302.552+/-206.581 χ^2/NDF : 50.8/32

All: 207.642+/-151.019 χ^2/NDF : 80.3/62

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 772.520+/-0.174 χ^2/NDF : 1426819.4/13

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 802.411+/-0.182 χ^2/NDF : 1355018.2/12

Left: 786.772+/-0.126 χ^2/NDF : 2795884.9/26

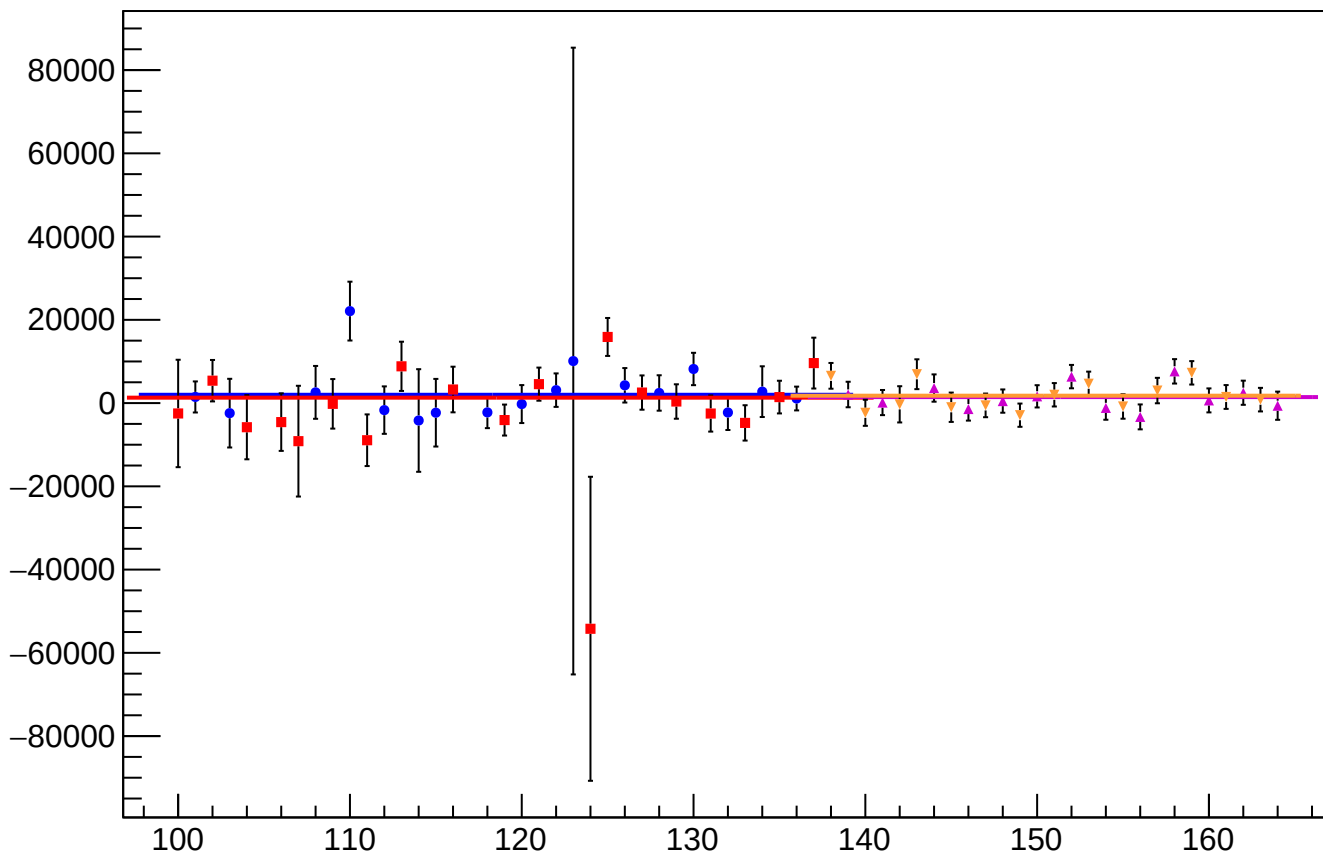
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 865.335+/-0.157 χ^2/NDF : 3378728.7/29

Out: 780.786+/-0.146 χ^2/NDF : 6621447.1/32

All: 820.150+/-0.107 χ^2/NDF : 10156150.3/62

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1775.726+/-813.549 χ^2/NDF :16.4/13

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1438.813+/-813.758 χ^2/NDF :13.3/12

Left: 1607.313+/-575.340 χ^2/NDF : 29.7/26

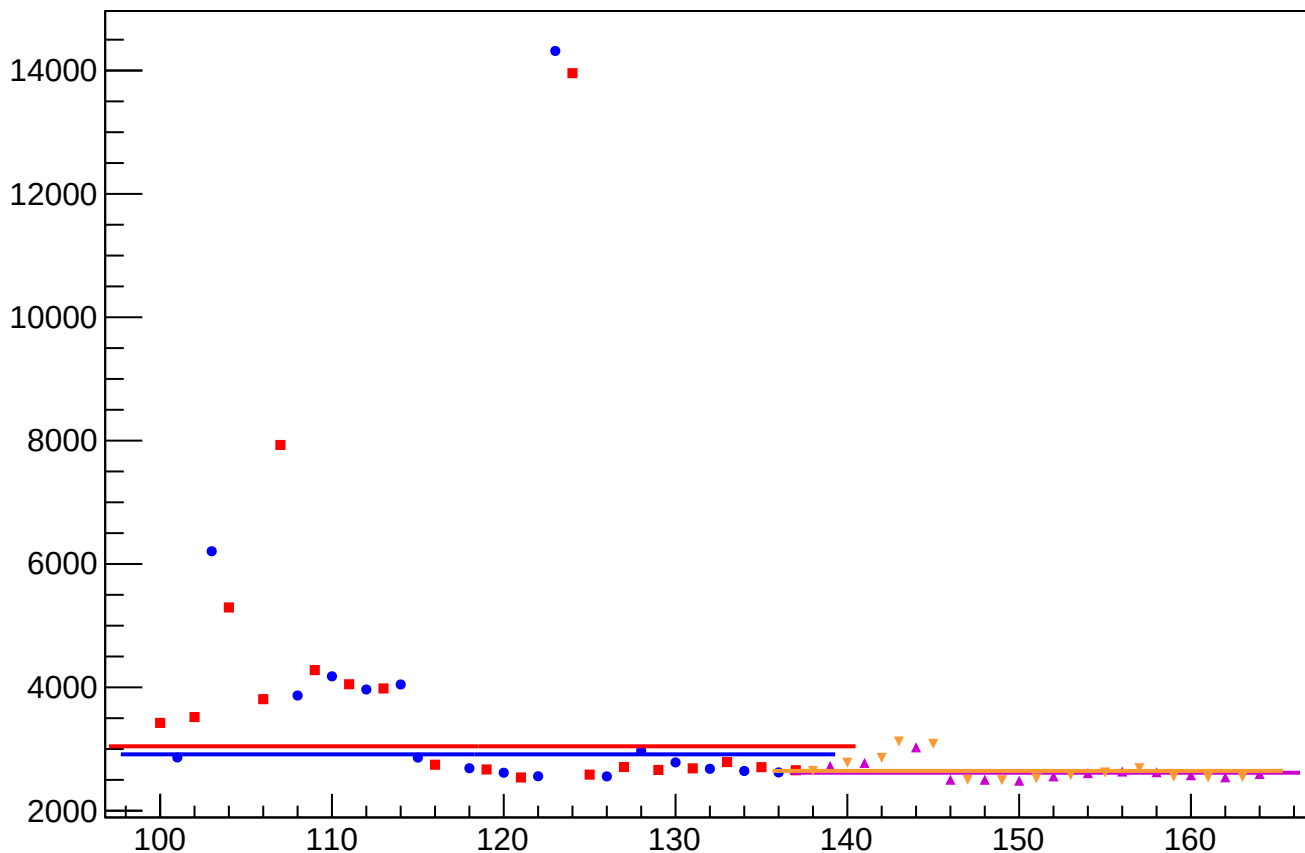
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1623.723+/-665.241 χ^2/NDF :28.4/29

Out: 1625.282+/-671.359 χ^2/NDF :44.0/32

All: 1624.495+/-472.545 χ^2/NDF : 72.4/62

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2645.474+/-0.575 χ^2/NDF : 98423.7/13

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2615.739+/-0.575 χ^2/NDF : 53530.5/12

Left: 2630.610+/-0.407 χ^2/NDF : 153289.8/26

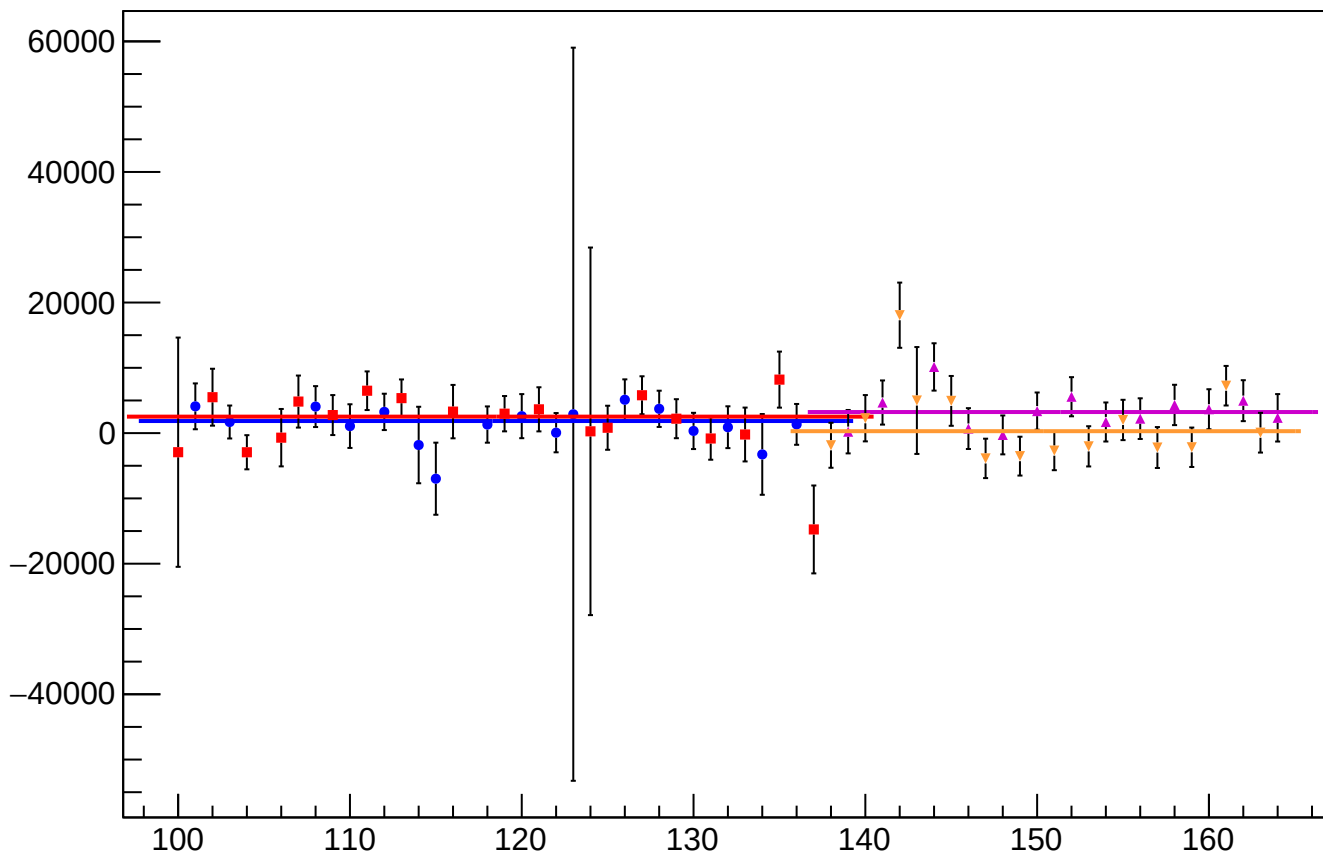
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2714.633+/-0.470 χ^2/NDF : 781562.8/29

Out: 2772.757+/-0.475 χ^2/NDF : 1257214.3/32

All: 2743.429+/-0.334 χ^2/NDF : 2046341.5/62

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 295.867 ± 890.830 χ^2/NDF : 27.2/13

Right Out: 2523.303 ± 818.432 χ^2/NDF : 20.1/18

Left In: 3228.591 ± 874.705 χ^2/NDF : 8.2/12

Left: 1789.012 ± 624.133 χ^2/NDF : 40.9/26

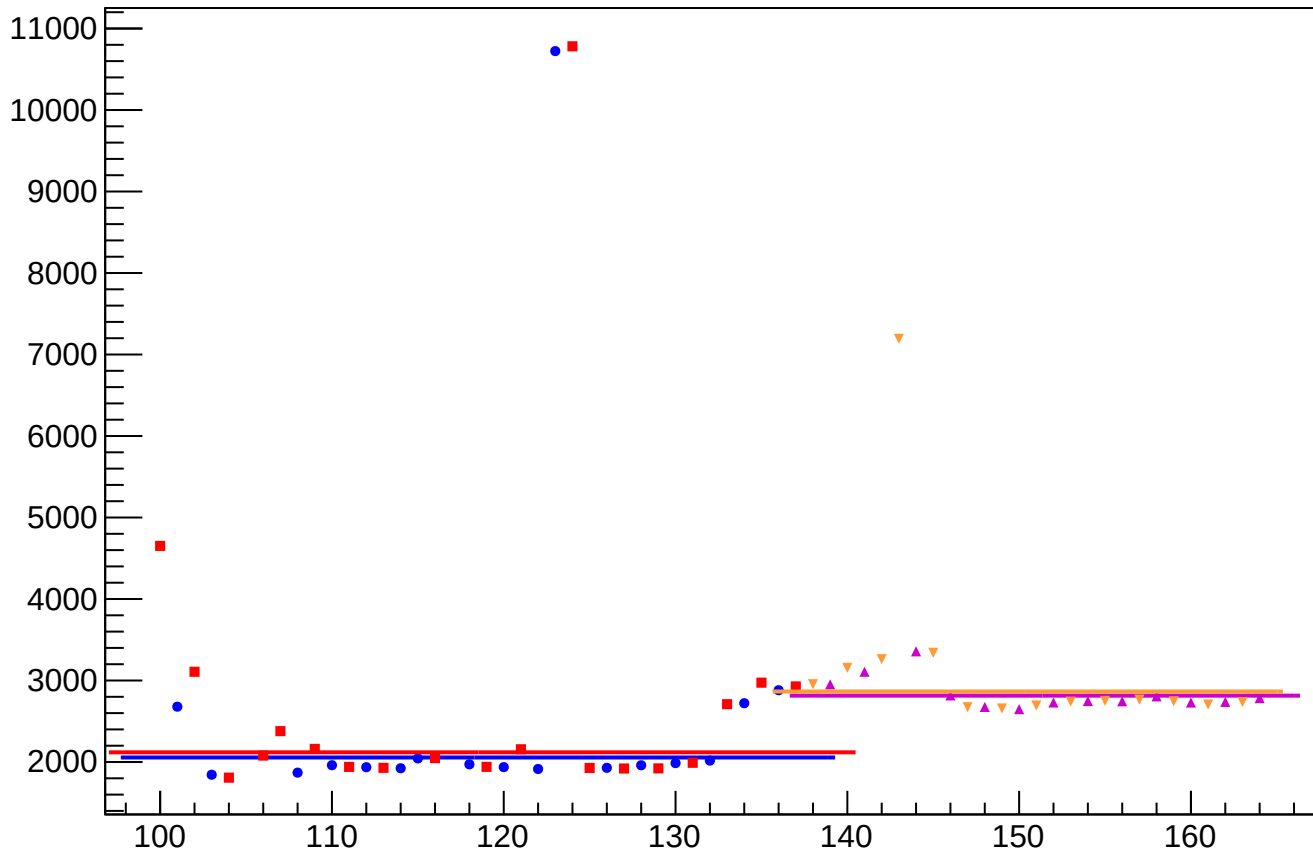
Right: 2181.863 ± 574.547 χ^2/NDF : 27.7/35

In: 2483.730 ± 593.033 χ^2/NDF : 16.8/29

Out: 1503.763 ± 602.691 χ^2/NDF : 50.7/32

All: 2001.661 ± 422.711 χ^2/NDF : 68.8/62

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2865.206 $\pm$ 0.630 χ^2/NDF : 662102.4/13

Right Out: 2118.803 $\pm$ 0.578 χ^2/NDF : 573725.8/18

Left In: 2814.381 $\pm$ 0.619 χ^2/NDF : 81004.3/12

Left: 2839.330 $\pm$ 0.441 χ^2/NDF : 746421.2/26

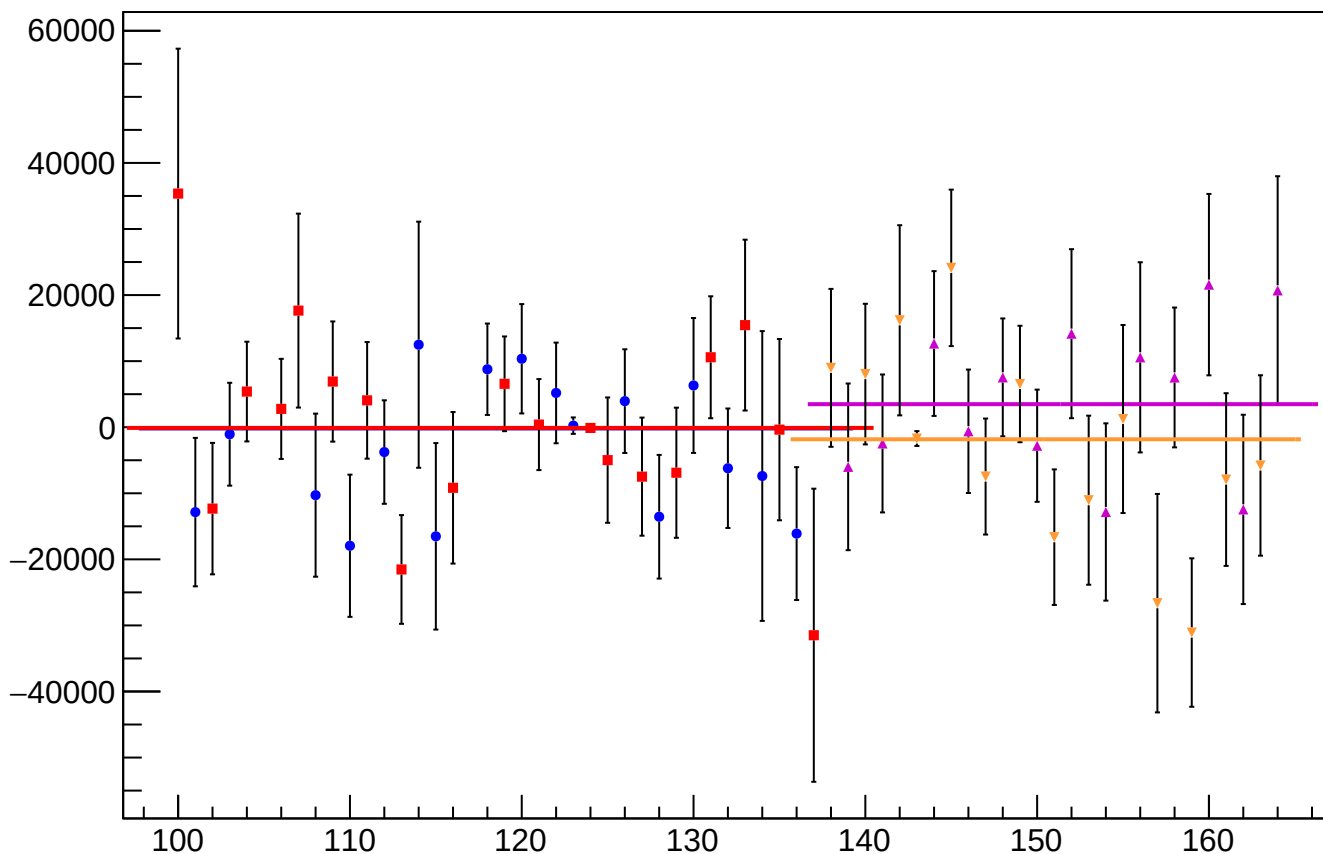
Right: 2086.718 $\pm$ 0.406 χ^2/NDF : 896197.4/35

In: 2404.297 $\pm$ 0.419 χ^2/NDF : 1210939.2/29

Out: 2459.891 $\pm$ 0.426 χ^2/NDF : 1998269.4/32

All: 2431.667 $\pm$ 0.299 χ^2/NDF : 3217861.9/62

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1828.756 ± 1059.421 $\chi^2/\text{NDF}: 21.4/13$

Right Out: -106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

Left In: 3486.086 ± 3152.270 $\chi^2/\text{NDF}: 9.1/12$

Left: -1289.364 ± 1004.223 $\chi^2/\text{NDF}: 33.0/26$

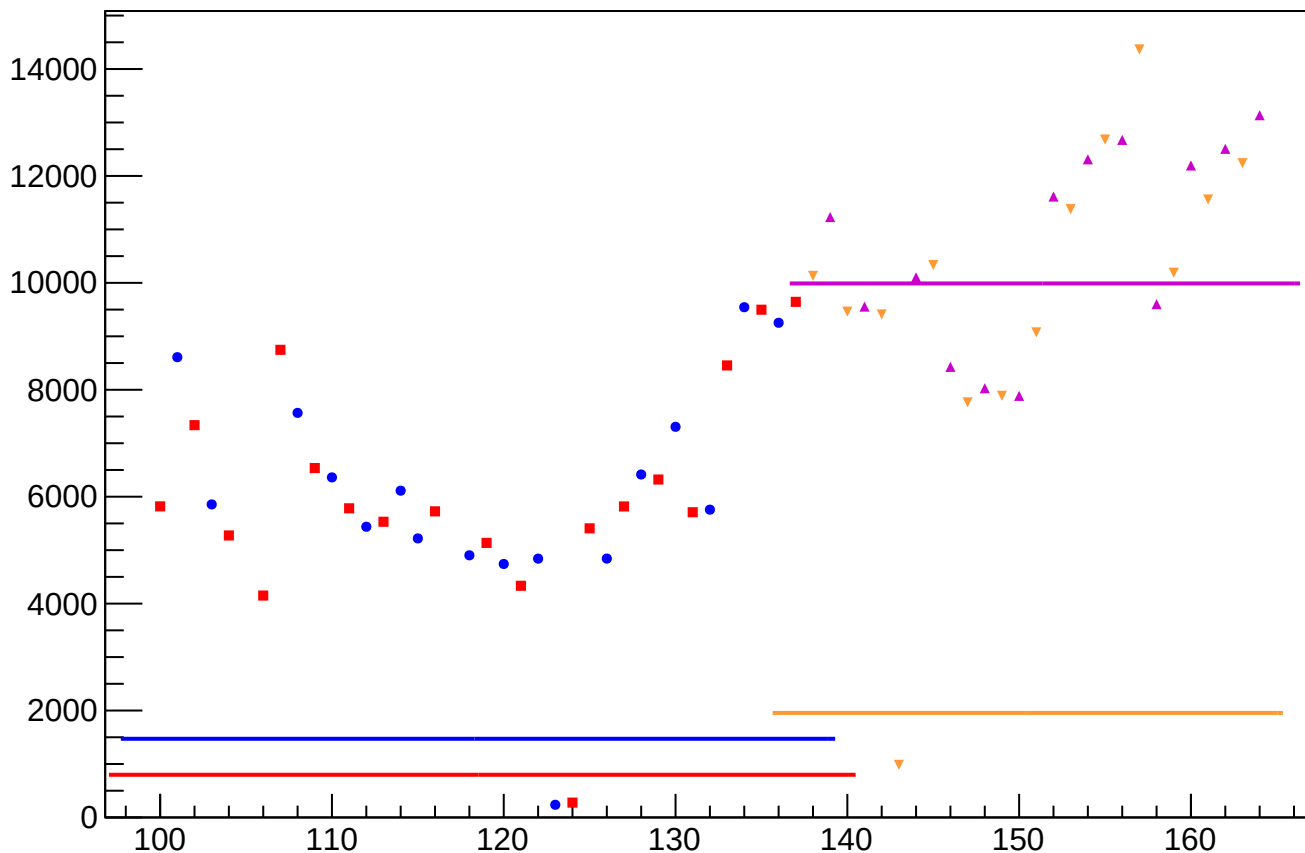
Right: -128.909 ± 585.025 $\chi^2/\text{NDF}: 38.0/35$

In: 213.786 ± 1039.238 $\chi^2/\text{NDF}: 26.7/29$

Out: -620.297 ± 578.557 $\chi^2/\text{NDF}: 44.8/32$

All: -422.953 ± 505.501 $\chi^2/\text{NDF}: 71.9/62$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1955.424+/-0.749

χ^2/NDF : 14350012.1/13

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 9988.924+/-2.229

χ^2/NDF : 642410.5/12

Left: 2770.726+/-0.710

χ^2/NDF : 26663651.9/26

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2397.342+/-0.735

χ^2/NDF : 23444882.8/29

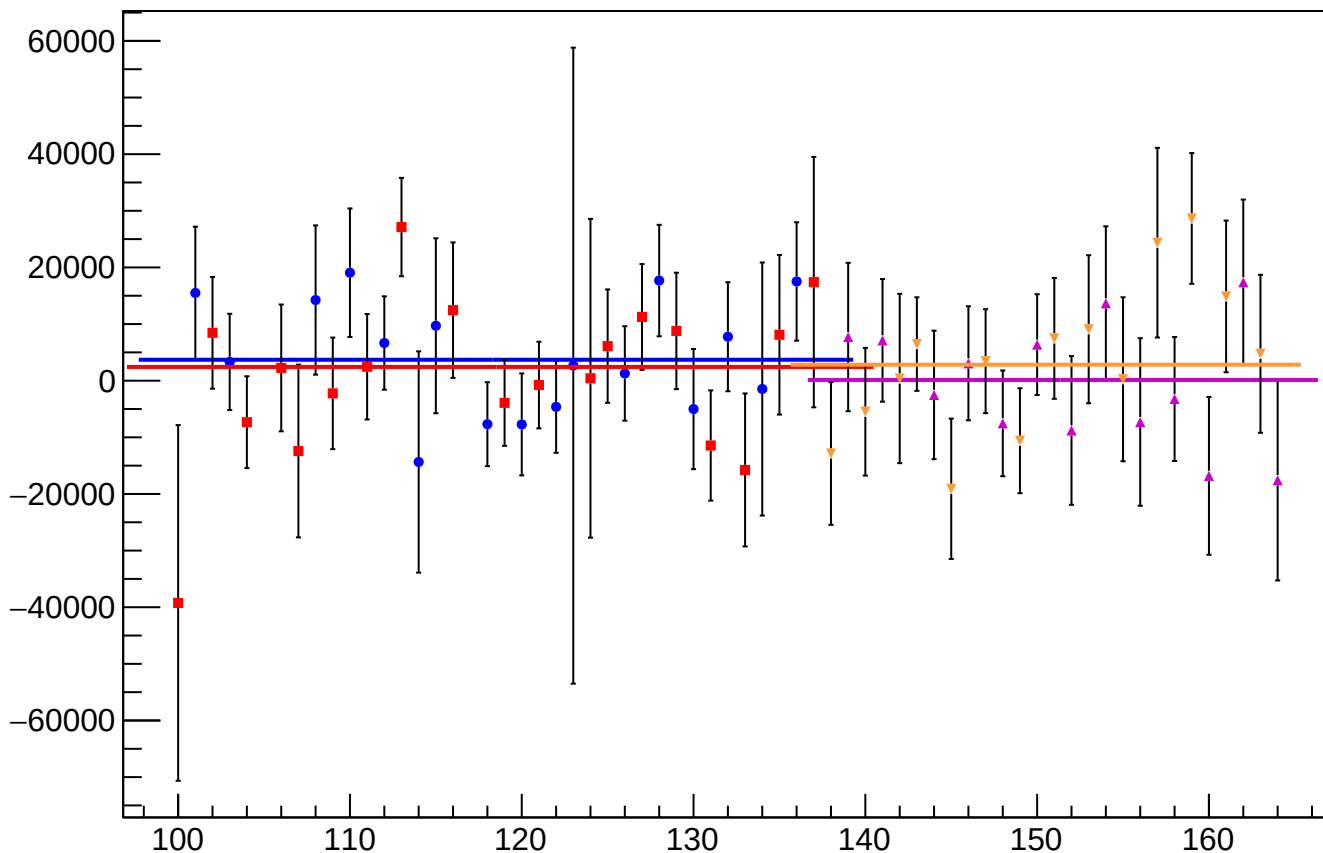
Out: 1143.633+/-0.409

χ^2/NDF : 27550853.5/32

All: 1440.260+/-0.357

χ^2/NDF : 53217746.4/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: 2823.661 $\pm$ 3093.374 χ^2 /NDF:15.5/13

Right Out: 2430.229 $\pm$ 2421.418 χ^2 /NDF: 20.3/18

Left In: 129.574 $\pm$ 3274.978 χ^2 /NDF:7.7/12

Left: 1553.382 $\pm$ 2248.807 χ^2 /NDF: 23.6/26

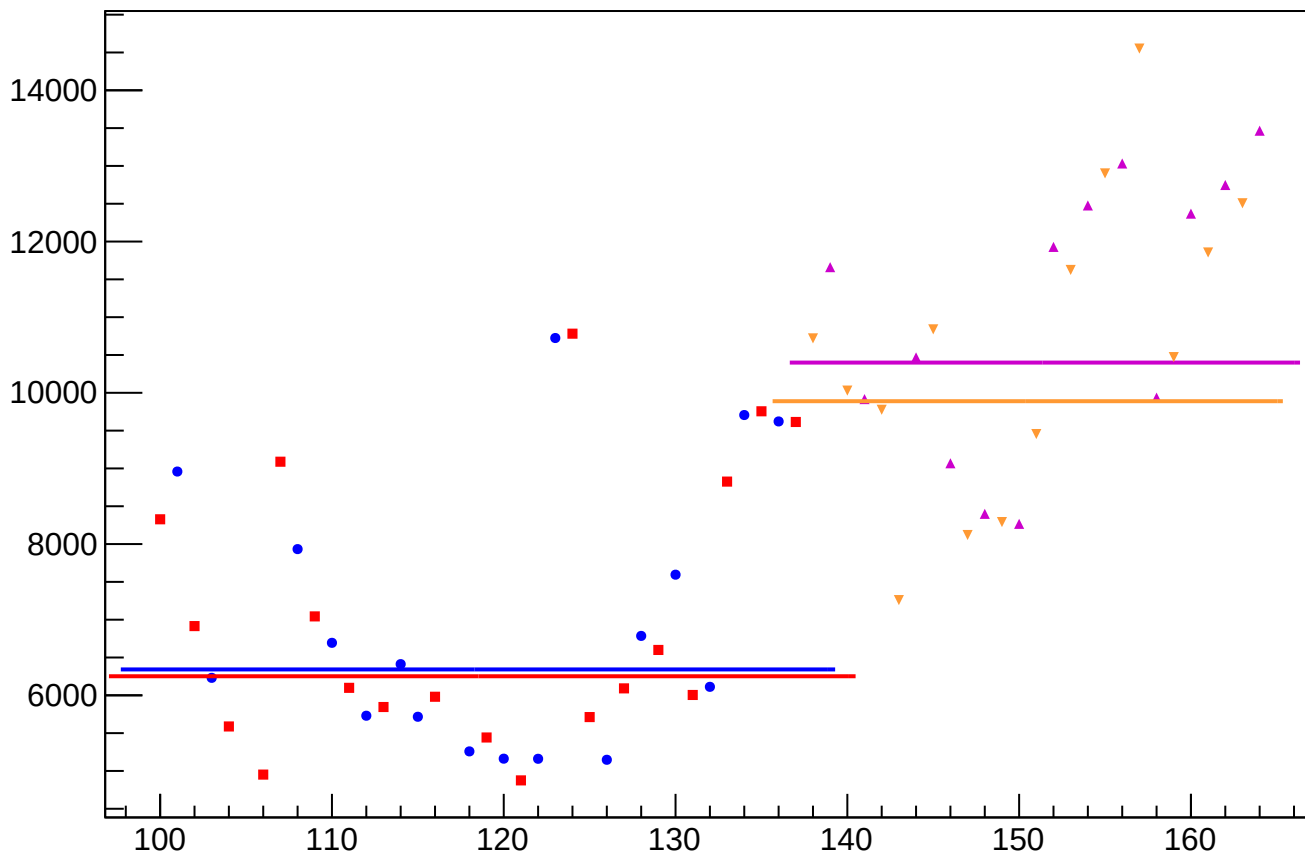
Right: 3039.559 $\pm$ 1745.330 χ^2 /NDF: 34.8/35

In: 2372.561 $\pm$ 1996.159 χ^2 /NDF:22.9/29

Out: 2579.708 $\pm$ 1906.724 χ^2 /NDF:35.8/32

All: 2480.879 $\pm$ 1378.791 χ^2 /NDF: 58.7/62

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9889.056+/-2.187 χ^2/NDF : 756185.9/13

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

Left In: 10399.600+/-2.316 χ^2/NDF : 556528.4/12

Left: 10129.781+/-1.590 χ^2/NDF : 1338401.7/26

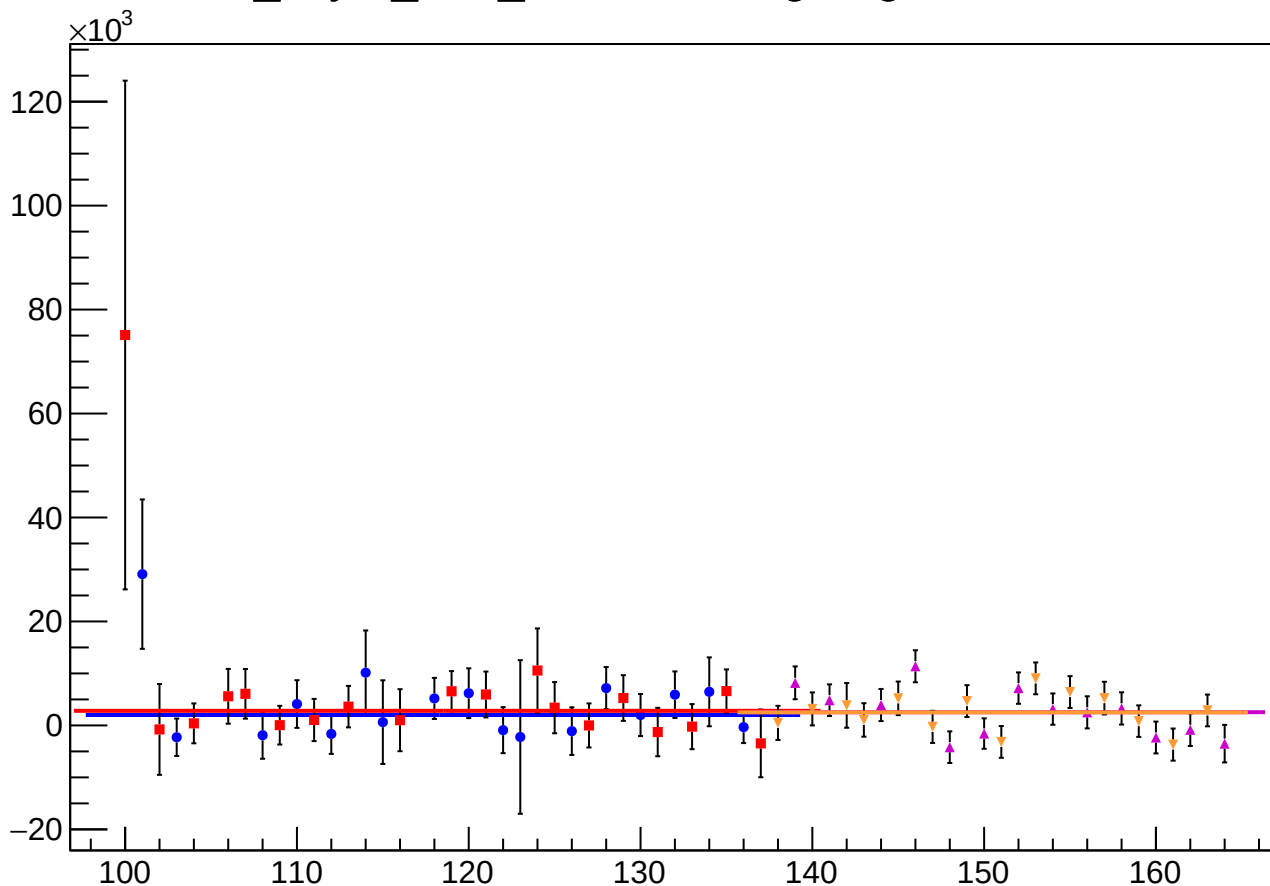
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7849.646+/-1.411 χ^2/NDF : 3079408.1/29

Out: 7633.856+/-1.348 χ^2/NDF : 3008505.3/32

All: 7736.806+/-0.975 χ^2/NDF : 6100135.2/62

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2510.884 $\pm$ 847.389 χ^2/NDF : 17.5/13

Right Out: 2811.702 $\pm$ 1086.544 χ^2/NDF : 10.5/18

Left In: 2545.415 $\pm$ 858.709 χ^2/NDF : 28.0/12

Left: 2527.920 $\pm$ 603.157 χ^2/NDF : 45.5/26

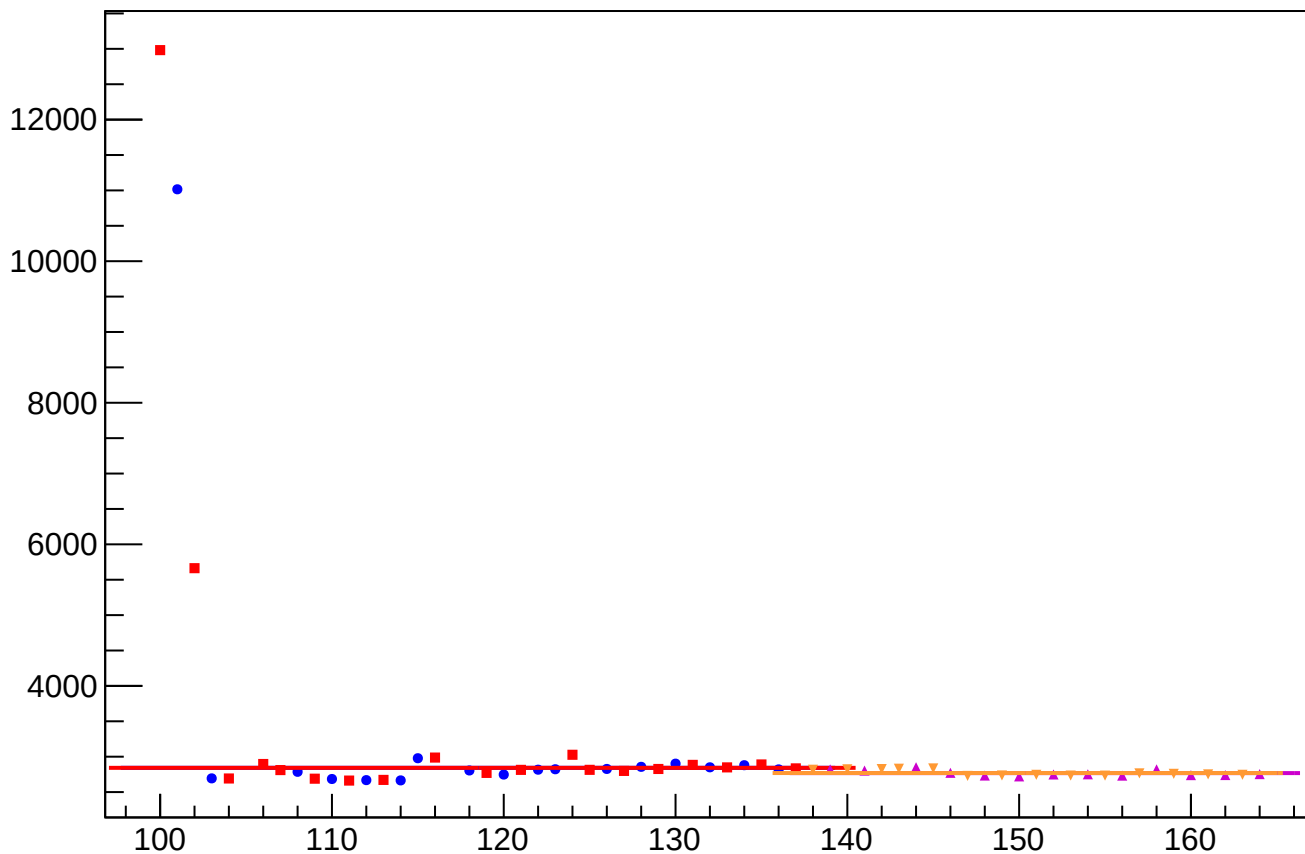
Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35

In: 2346.413 $\pm$ 682.683 χ^2/NDF : 41.9/29

Out: 2624.653 $\pm$ 668.202 χ^2/NDF : 28.1/32

All: 2488.515 $\pm$ 477.528 χ^2/NDF : 70.0/62

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2769.039+/-0.599 χ^2/NDF : 4354.4/13

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2768.182+/-0.607 χ^2/NDF : 4376.4/12

Left: 2768.616+/-0.426 χ^2/NDF : 8731.8/26

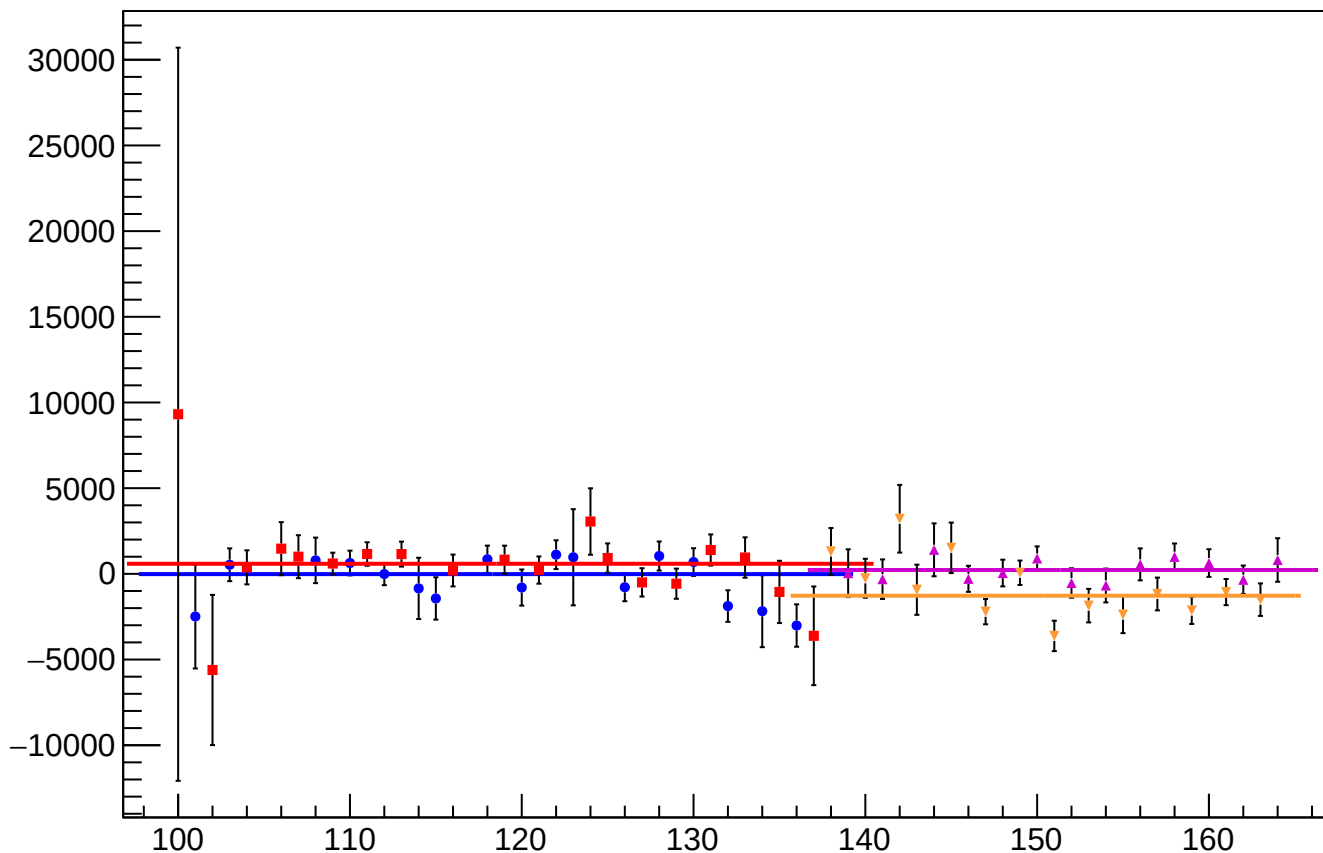
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2795.575+/-0.483 χ^2/NDF : 670212.7/29

Out: 2796.800+/-0.472 χ^2/NDF : 322365.4/32

All: 2796.201+/-0.338 χ^2/NDF : 992581.4/62

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -1275.623 ± 258.134 χ^2/NDF : 28.1/13

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 225.800 ± 251.014 χ^2/NDF : 5.9/12

Left: -503.921 ± 179.958 χ^2/NDF : 51.3/26

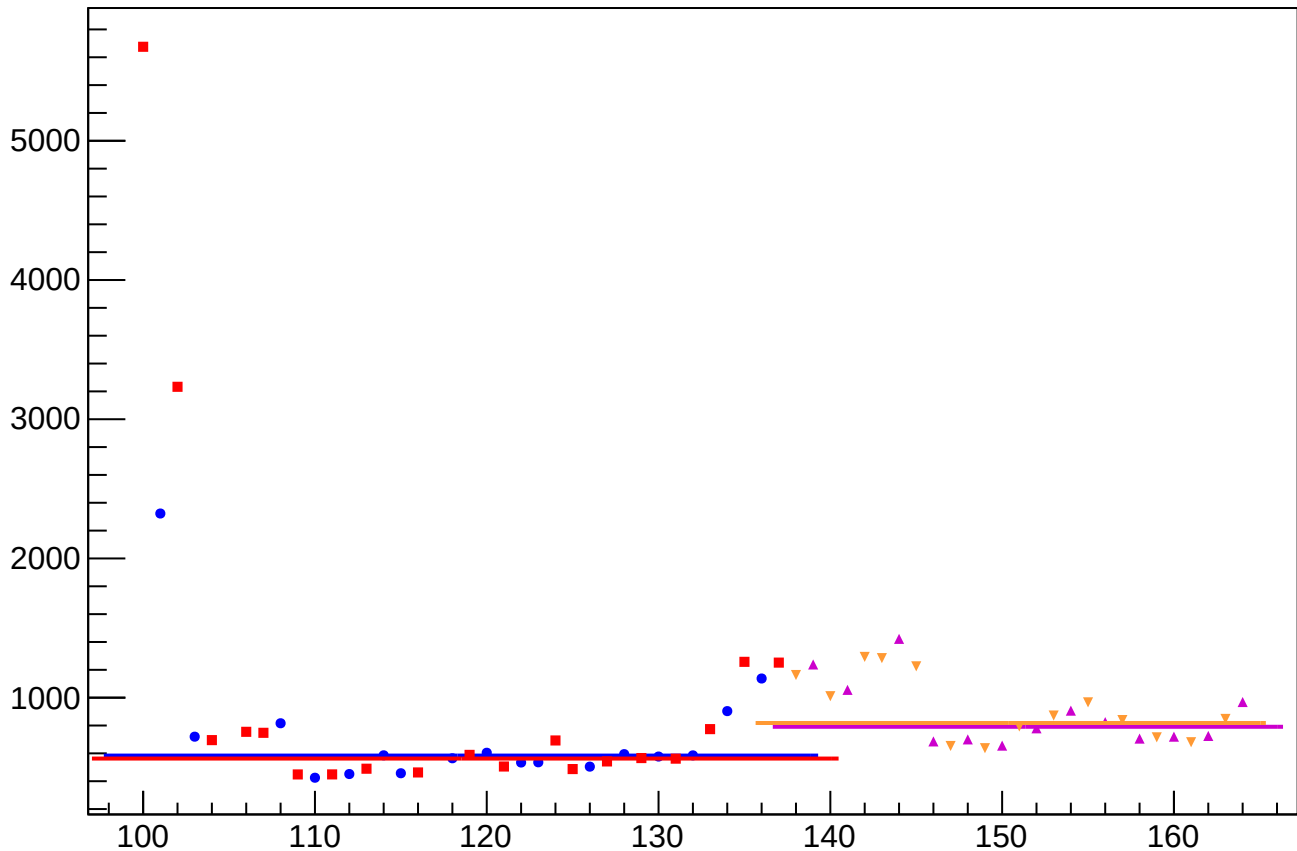
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 99.100 ± 173.038 χ^2/NDF : 28.0/29

Out: -219.513 ± 169.953 χ^2/NDF : 71.1/32

All: -63.072 ± 121.251 χ^2/NDF : 100.8/62

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 818.142+/-0.183 χ^2/NDF : 1032094.9/13

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 790.932+/-0.177 χ^2/NDF : 907704.5/12

Left: 804.157+/-0.127 χ^2/NDF : 1951221.2/26

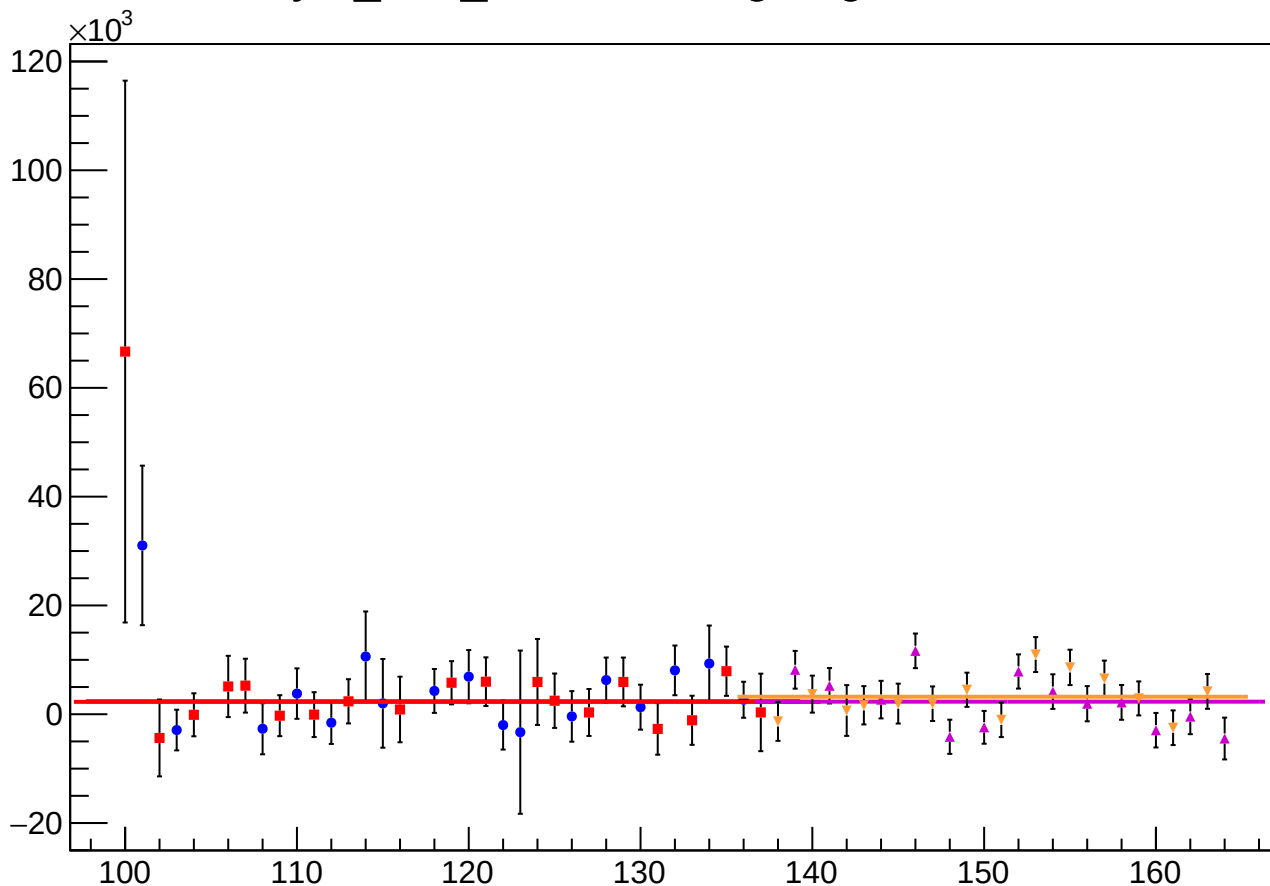
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 682.365+/-0.122 χ^2/NDF : 3057245.8/29

Out: 673.424+/-0.120 χ^2/NDF : 3781265.5/32

All: 677.814+/-0.086 χ^2/NDF : 6841229.2/62

asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 3221.033 $\pm$ 895.653 χ^2 /NDF:17.3/13

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2309.532 $\pm$ 902.837 χ^2 /NDF:29.0/12

Left: 2768.923 $\pm$ 635.847 χ^2 /NDF: 46.8/26

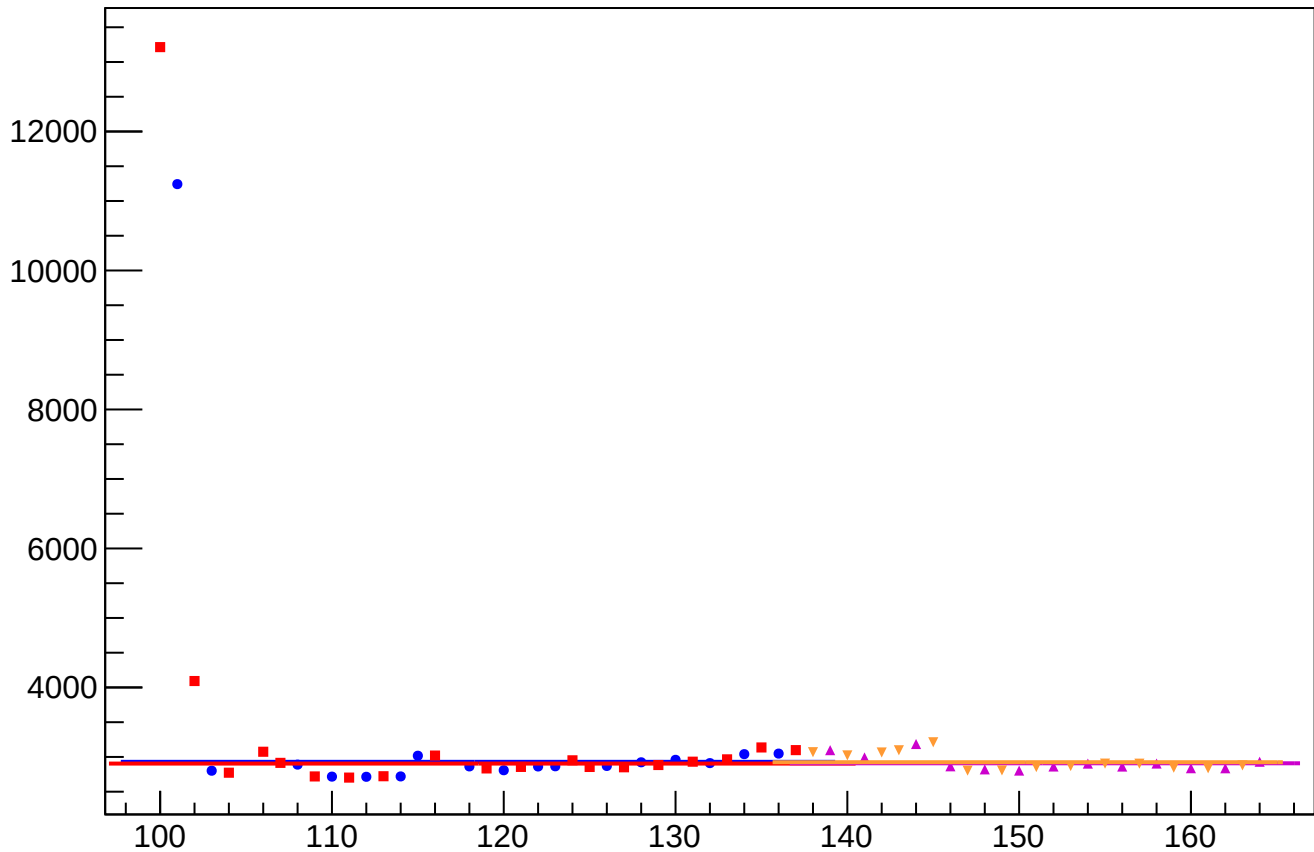
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2329.628 $\pm$ 712.460 χ^2 /NDF:44.1/29

Out: 2849.639 $\pm$ 697.447 χ^2 /NDF:27.9/32

All: 2595.170 $\pm$ 498.393 χ^2 /NDF: 72.2/62

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654 $\pm$ 0.820 χ^2 /NDF: 662629.0/16

Left Out: 2924.238 $\pm$ 0.633 χ^2 /NDF: 34368.1/13

Right Out: 2904.570 $\pm$ 0.786 χ^2 /NDF: 169288.7/18

Left In: 2908.756 $\pm$ 0.638 χ^2 /NDF: 27409.2/12

Left: 2916.559 $\pm$ 0.450 χ^2 /NDF: 62073.7/26

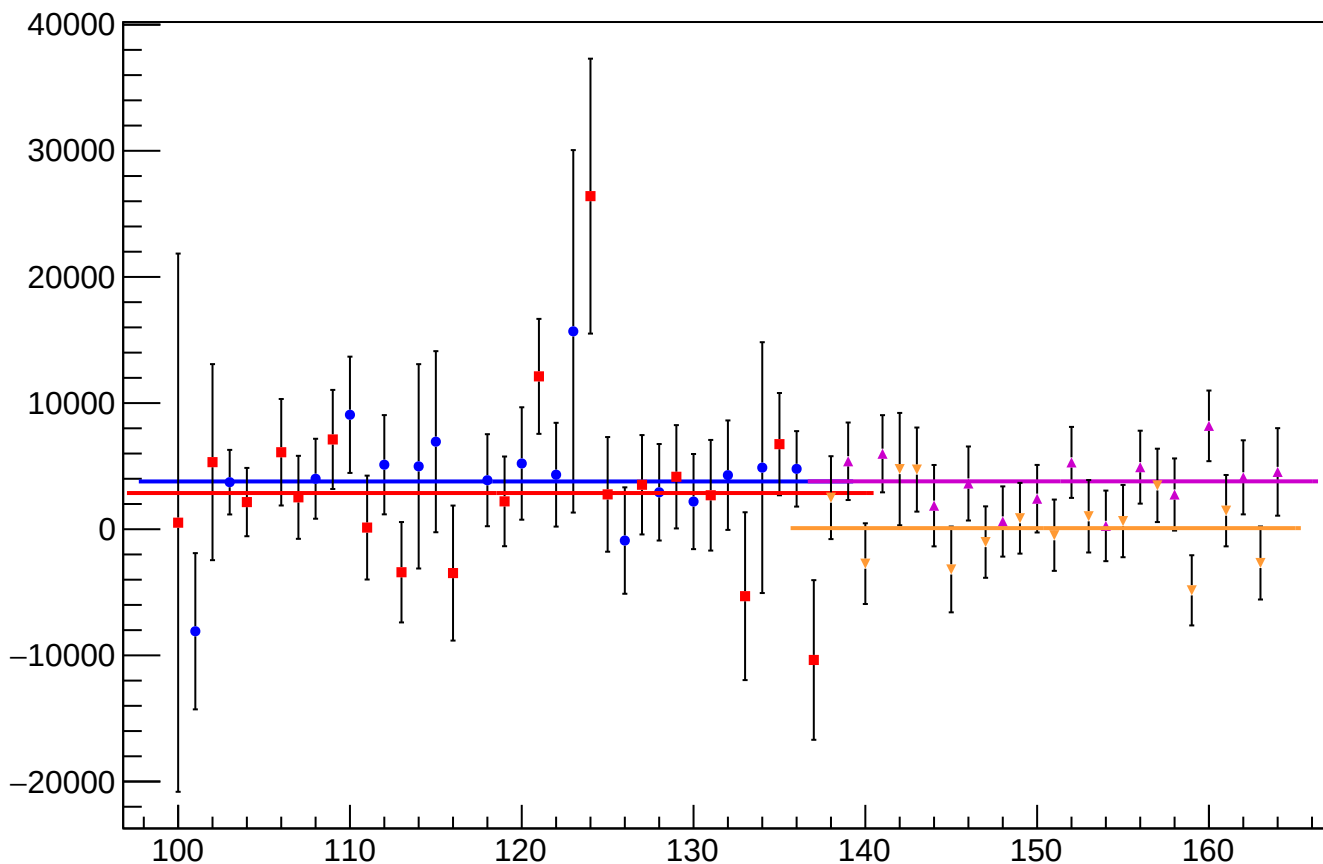
Right: 2916.579 $\pm$ 0.568 χ^2 /NDF: 832405.2/35

In: 2916.640 $\pm$ 0.504 χ^2 /NDF: 690442.5/29

Out: 2916.496 $\pm$ 0.493 χ^2 /NDF: 204036.4/32

All: 2916.567 $\pm$ 0.352 χ^2 /NDF: 894478.9/62

dit_asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: 86.956 $\pm$ 808.700 χ^2 /NDF:11.4/13

Right Out: 2869.484 $\pm$ 1002.967 χ^2 /NDF: 22.0/18

Left In: 3796.034 $\pm$ 812.146 χ^2 /NDF:7.4/12

Left: 1933.610 $\pm$ 573.052 χ^2 /NDF: 29.2/26

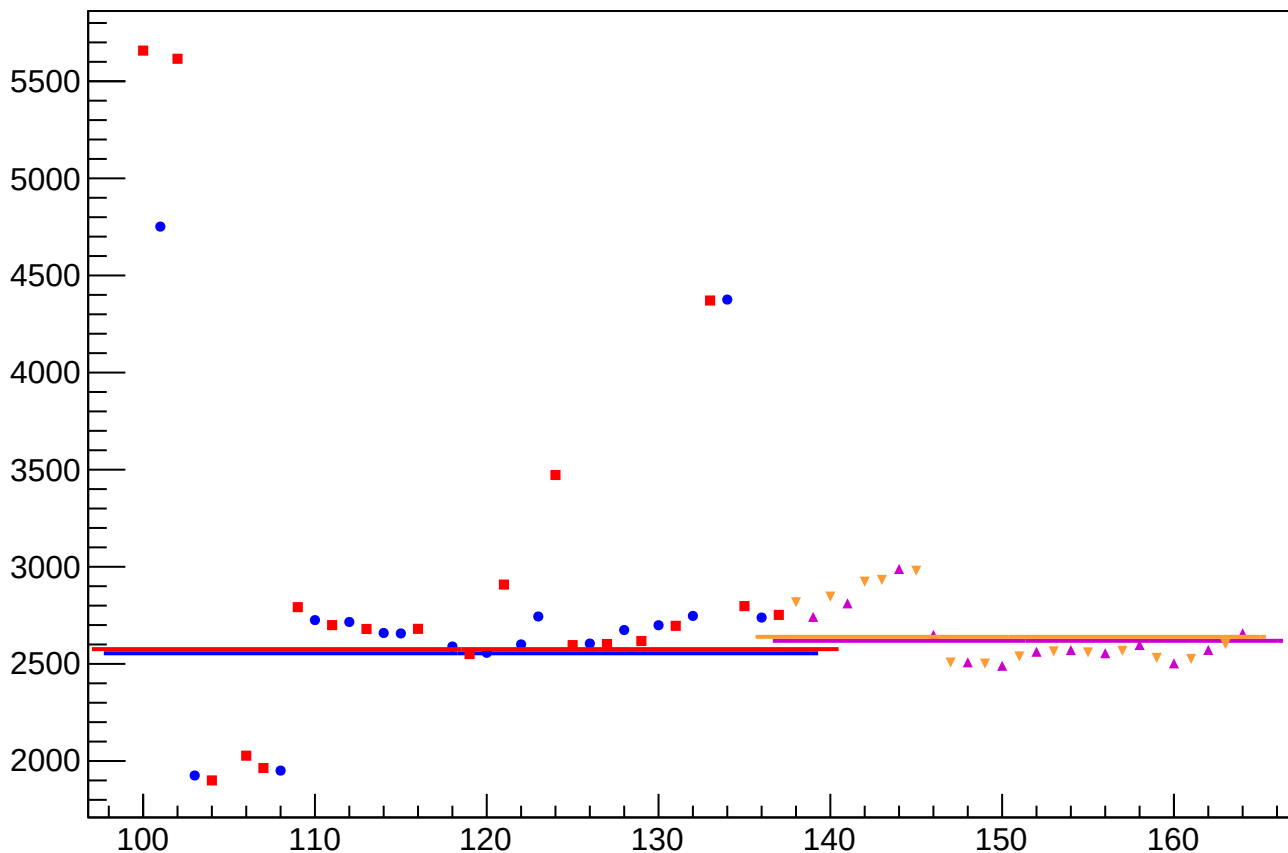
Right: 3326.309 $\pm$ 711.019 χ^2 /NDF: 30.2/35

In: 3792.809 $\pm$ 632.447 χ^2 /NDF:15.1/29

Out: 1183.239 $\pm$ 629.547 χ^2 /NDF:38.0/32

All: 2482.028 $\pm$ 446.178 χ^2 /NDF: 61.7/62

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.389 $\pm$ 0.572 χ^2 /NDF: 80380.0/13

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2618.960 $\pm$ 0.574 χ^2 /NDF: 52102.7/12

Left: 2629.218 $\pm$ 0.405 χ^2 /NDF: 133118.1/26

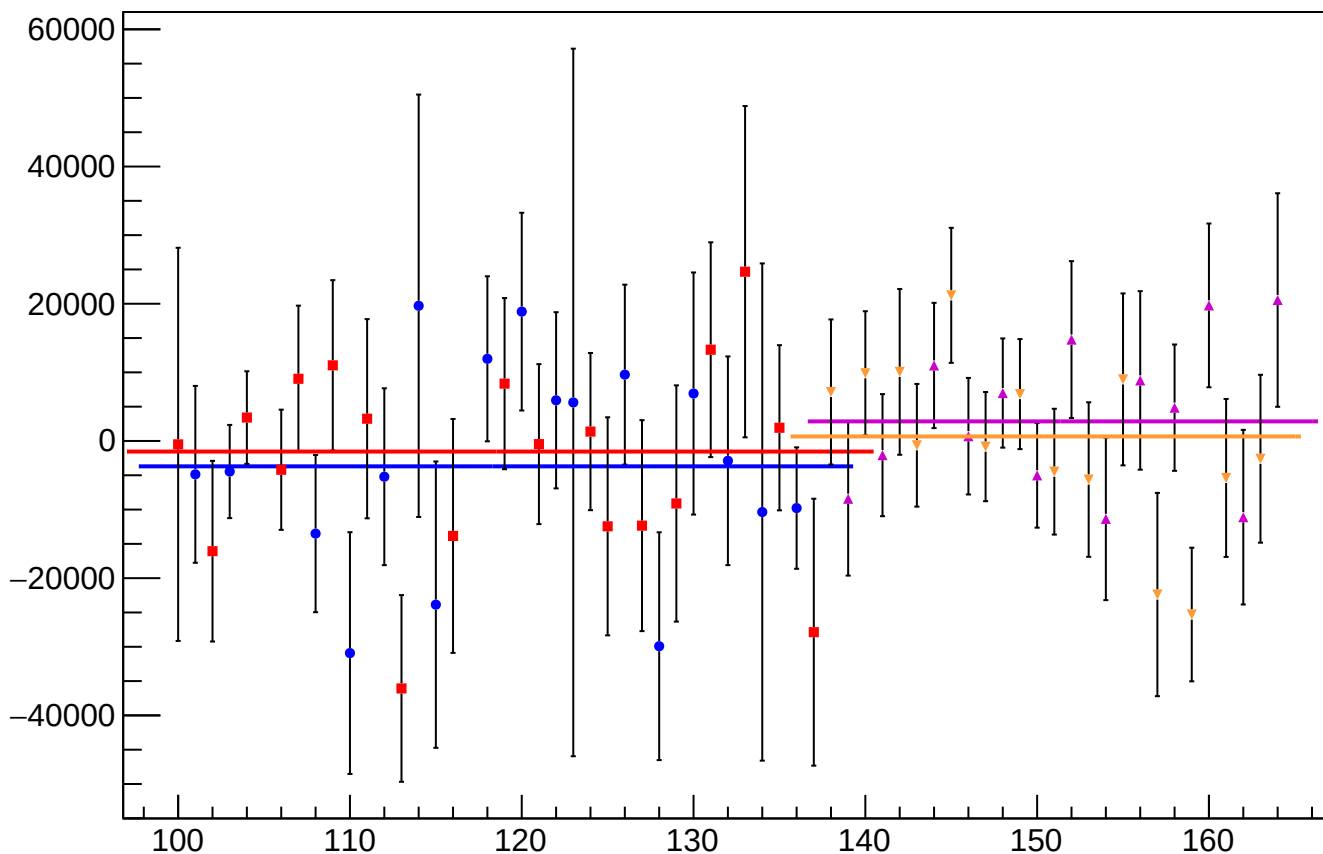
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2593.605 $\pm$ 0.447 χ^2 /NDF: 593681.7/29

Out: 2614.433 $\pm$ 0.445 χ^2 /NDF: 850368.7/32

All: 2604.068 $\pm$ 0.315 χ^2 /NDF: 1445140.1/62

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 659.983 $\pm$ 2695.239 χ^2/NDF : 18.0/13

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 2853.824 $\pm$ 2781.498 χ^2/NDF : 10.8/12

Left: 1722.359 $\pm$ 1935.598 χ^2/NDF : 29.1/26

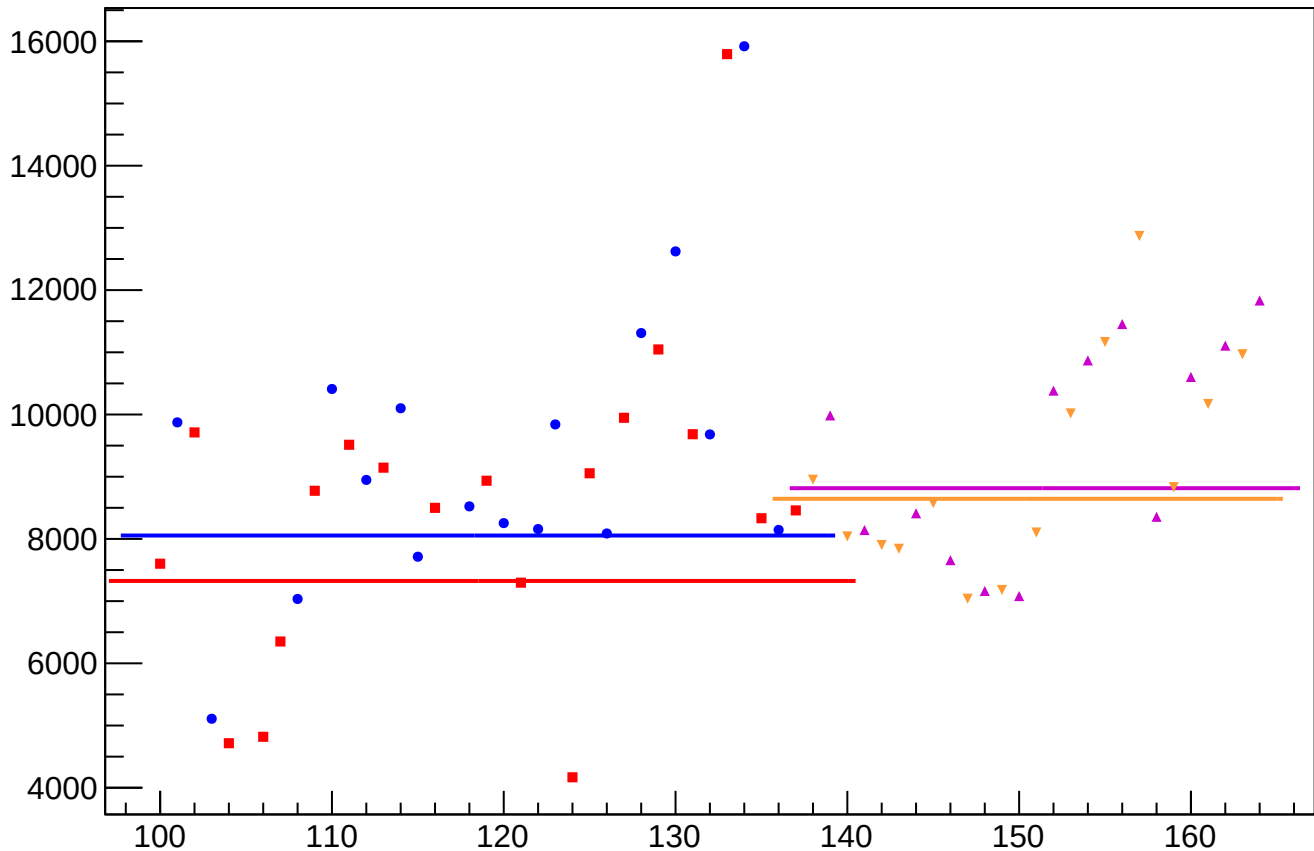
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: 51.282 $\pm$ 2104.308 χ^2/NDF : 27.0/29

Out: -363.051 $\pm$ 1973.249 χ^2/NDF : 35.1/32

All: -169.188 $\pm$ 1439.402 χ^2/NDF : 62.1/62

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8644.998 $\pm$ 1.906 χ^2 /NDF: 570925.1/13

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8815.614 $\pm$ 1.967 χ^2 /NDF: 633811.7/12

Left: 8727.619 $\pm$ 1.369 χ^2 /NDF: 1208617.9/26

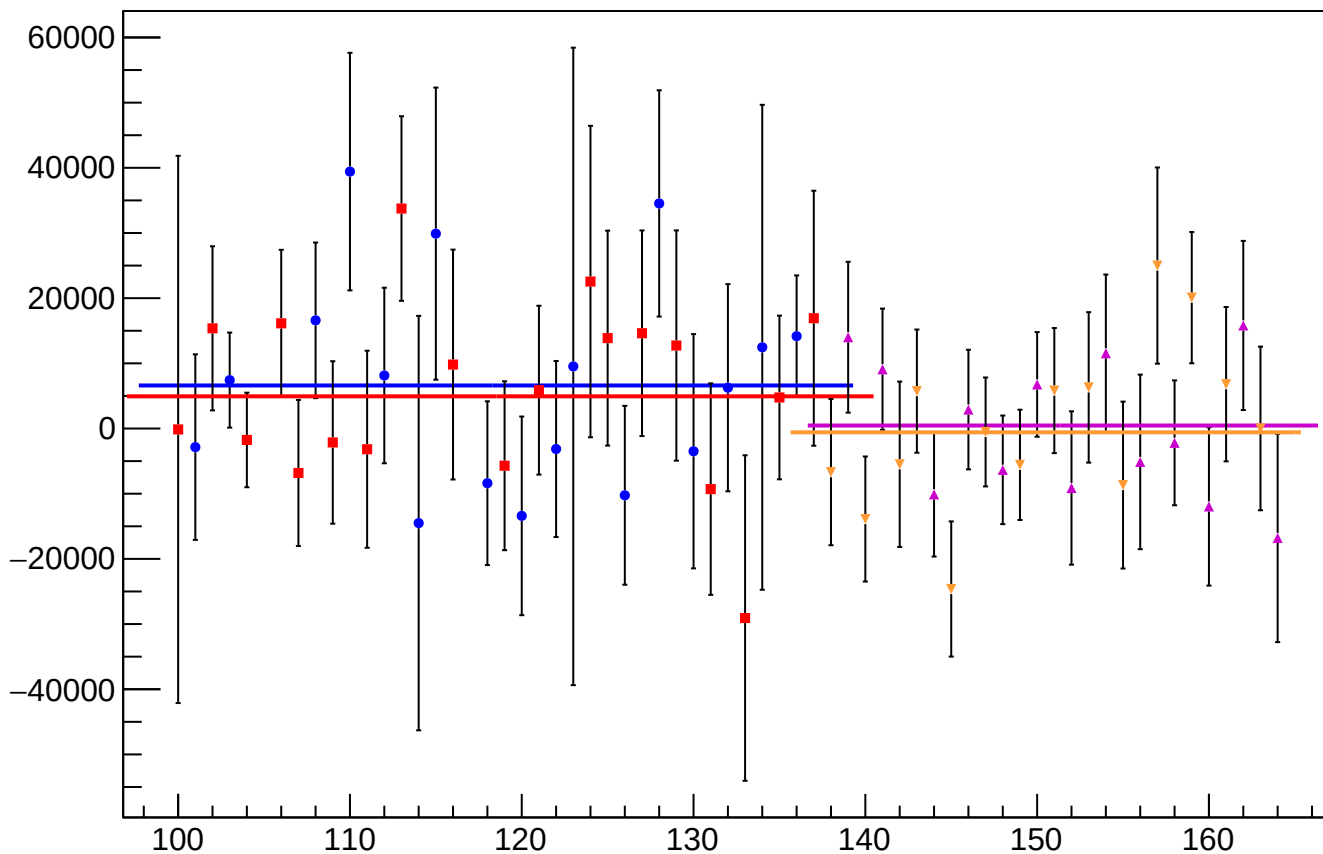
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8490.240 $\pm$ 1.488 χ^2 /NDF: 1518570.7/29

Out: 8032.198 $\pm$ 1.395 χ^2 /NDF: 2129894.2/32

All: 8246.512 $\pm$ 1.018 χ^2 /NDF: 3698887.1/62

asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: -583.541+/-2817.185 χ^2/NDF : 17.2/13

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 461.928+/-2899.174 χ^2/NDF : 10.2/12

Left: -75.798+/-2020.415 χ^2/NDF : 27.5/26

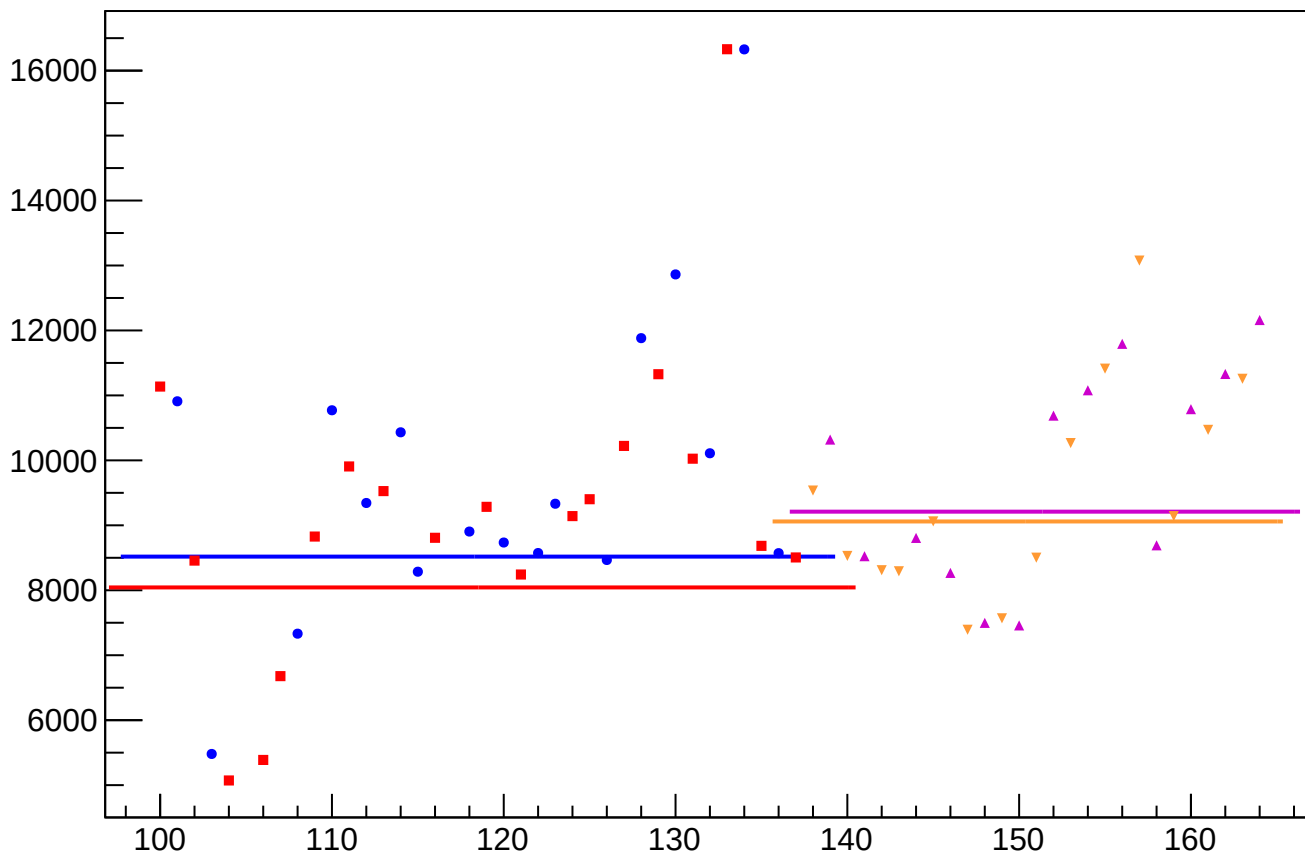
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3052.744+/-2204.925 χ^2/NDF : 26.8/29

Out: 1855.185+/-2105.143 χ^2/NDF : 32.5/32

All: 2426.255+/-1522.614 χ^2/NDF : 59.4/62

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9059.367+/-1.992 χ^2/NDF : 499934.1/13

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9210.210+/-2.050 χ^2/NDF : 548690.0/12

Left: 9132.625+/-1.429 χ^2/NDF : 1051408.8/26

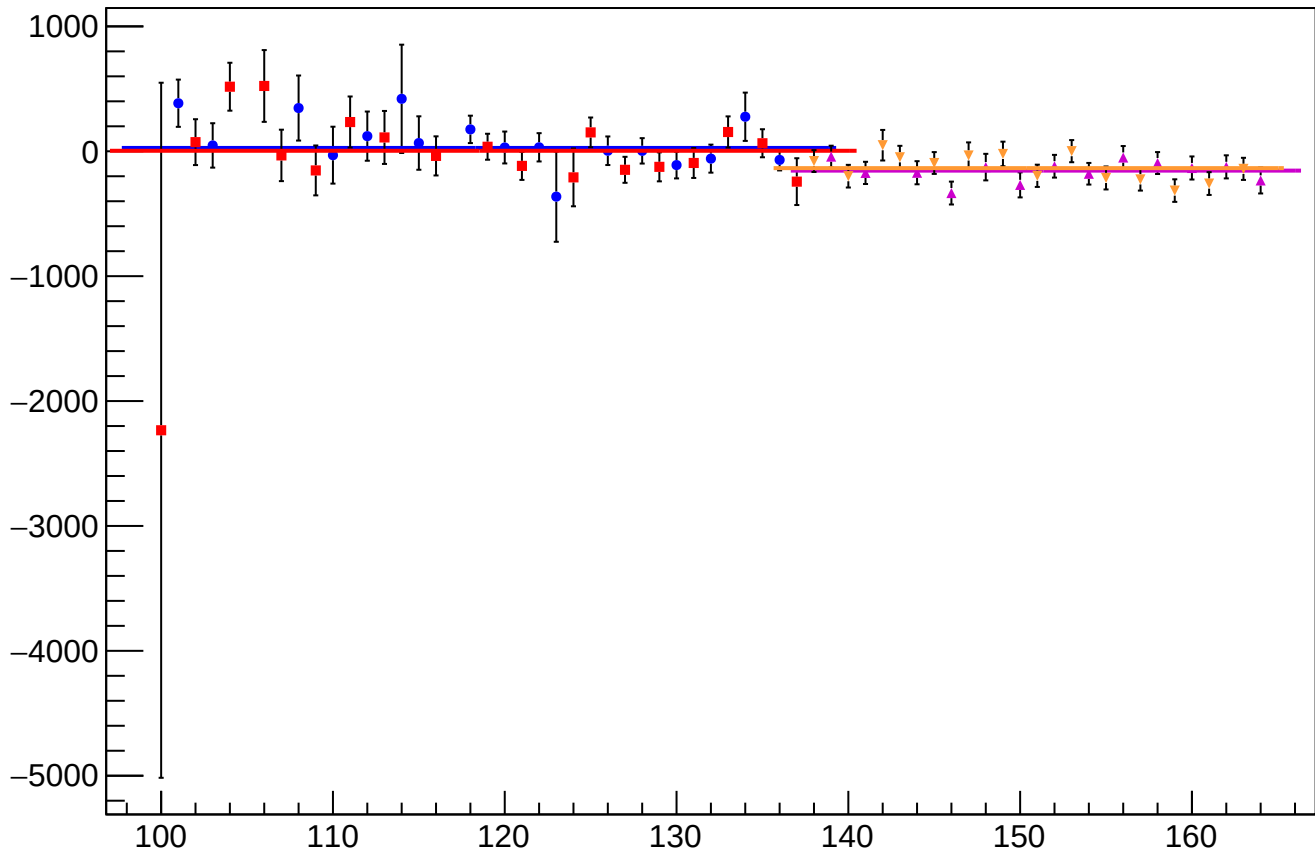
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8918.499+/-1.559 χ^2/NDF : 1368713.7/29

Out: 8610.837+/-1.489 χ^2/NDF : 1568300.9/32

All: 8757.547+/-1.077 χ^2/NDF : 2957385.7/62

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -134.969 ± 24.773 $\chi^2/\text{NDF}: 16.9/13$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -154.828 ± 25.735 $\chi^2/\text{NDF}: 9.7/12$

Left: -144.520 ± 17.847 $\chi^2/\text{NDF}: 26.9/26$

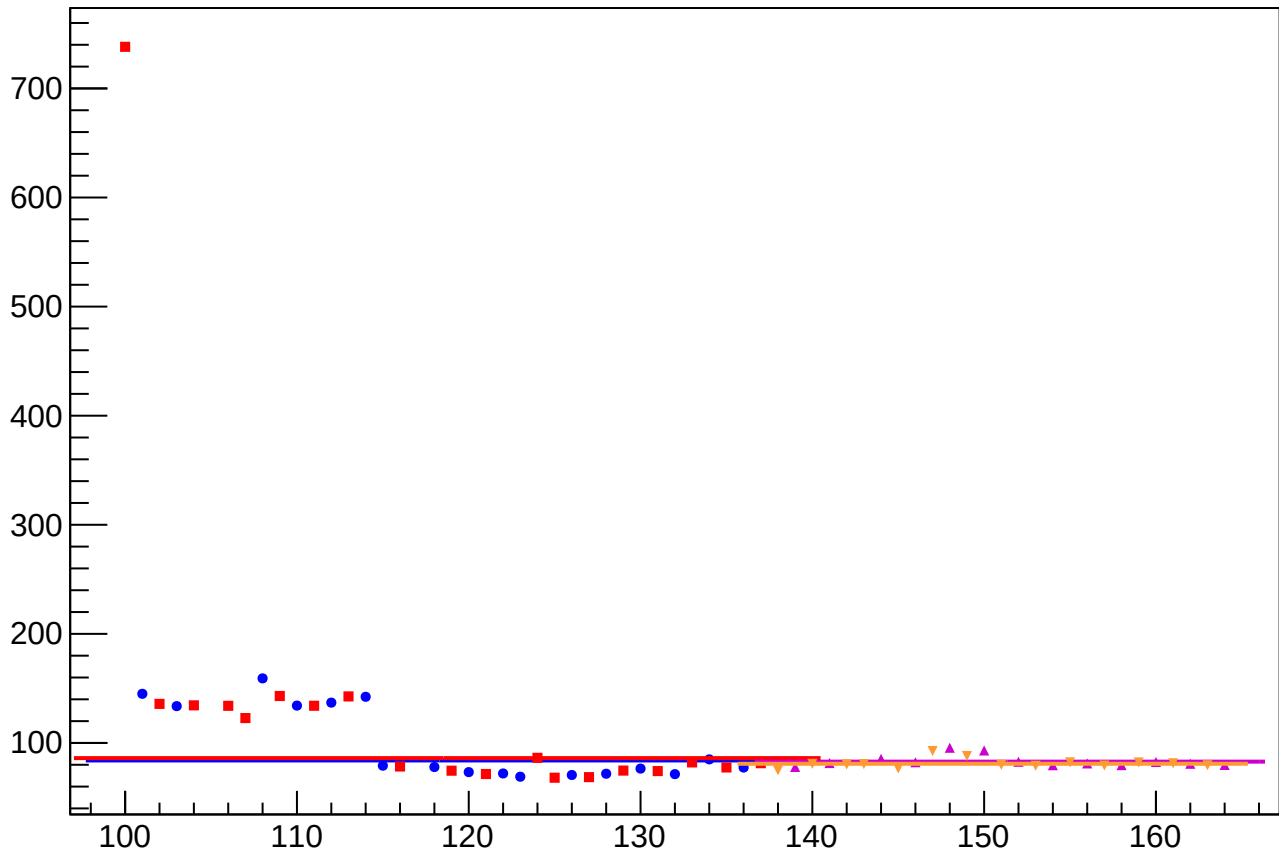
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -87.773 ± 20.436 $\chi^2/\text{NDF}: 42.6/29$

Out: -86.477 ± 19.989 $\chi^2/\text{NDF}: 52.5/32$

All: -87.110 ± 14.290 $\chi^2/\text{NDF}: 95.1/62$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.907 $\pm$ 0.018 χ^2 /NDF: 52716.9/13

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 82.869 $\pm$ 0.018 χ^2 /NDF: 66617.0/12

Left: 81.851 $\pm$ 0.013 χ^2 /NDF: 125364.1/26

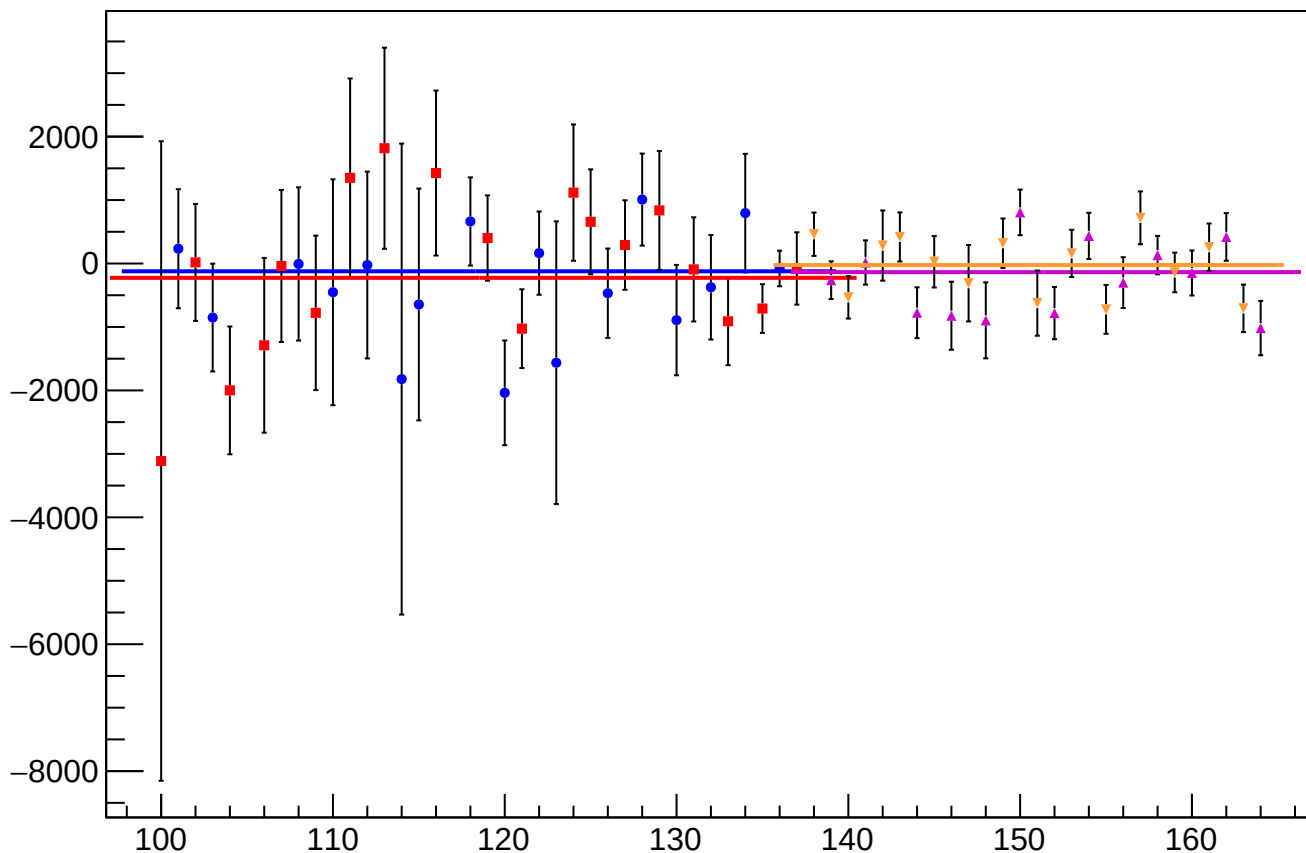
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.272 $\pm$ 0.014 χ^2 /NDF: 1028200.1/29

Out: 82.722 $\pm$ 0.014 χ^2 /NDF: 1219705.4/32

All: 82.991 $\pm$ 0.010 χ^2 /NDF: 2248645.6/62

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -24.212+/-104.783 χ^2/NDF : 19.1/13

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -135.510+/-104.916 χ^2/NDF : 25.3/12

Left: -79.790+/-74.140 χ^2/NDF : 45.0/26

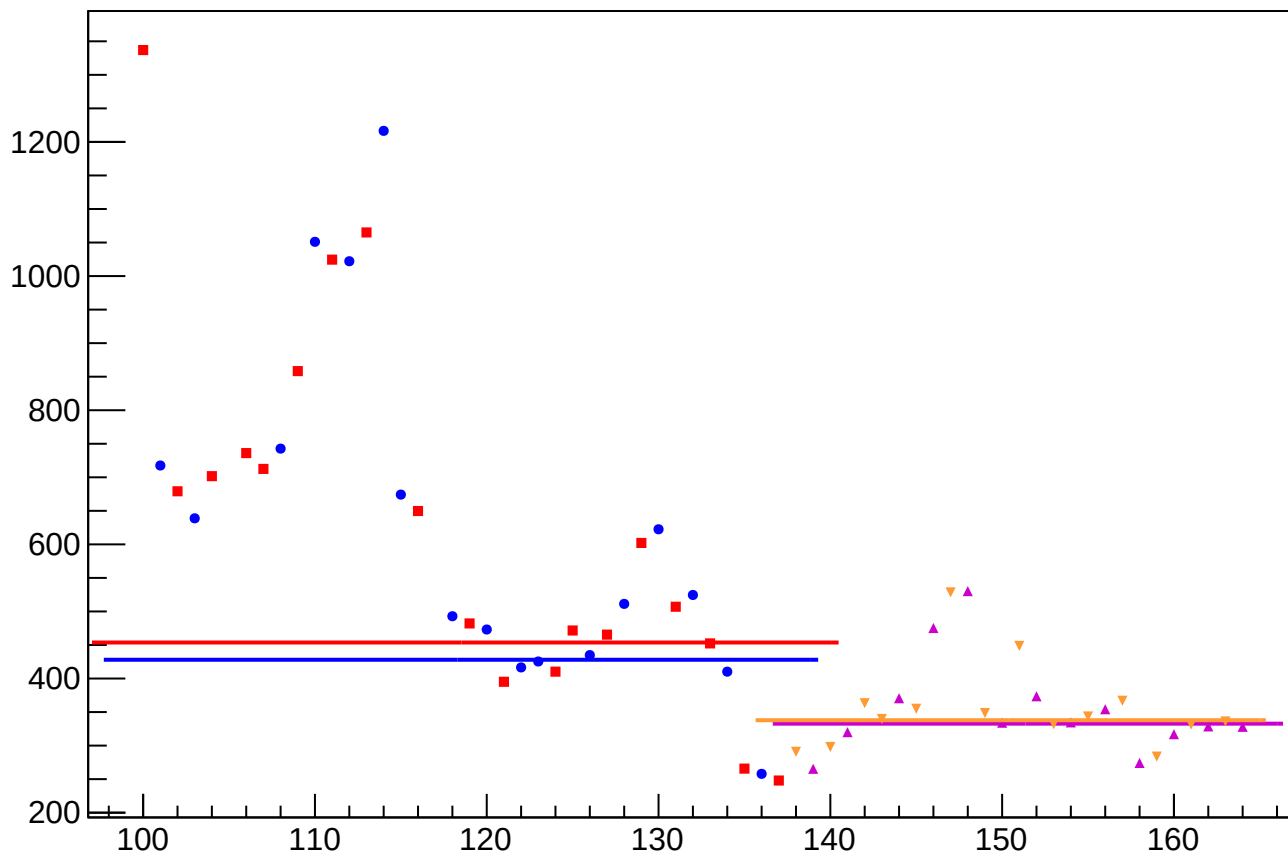
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -132.177+/-90.590 χ^2/NDF : 38.4/29

Out: -73.093+/-91.171 χ^2/NDF : 38.4/32

All: -102.824+/-64.261 χ^2/NDF : 76.9/62

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 337.828 $\pm$ 0.074 χ^2 /NDF: 440643.7/13

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

Left In: 332.714 $\pm$ 0.074 χ^2 /NDF: 586981.8/12

Left: 335.274 $\pm$ 0.052 χ^2 /NDF: 1030005.1/26

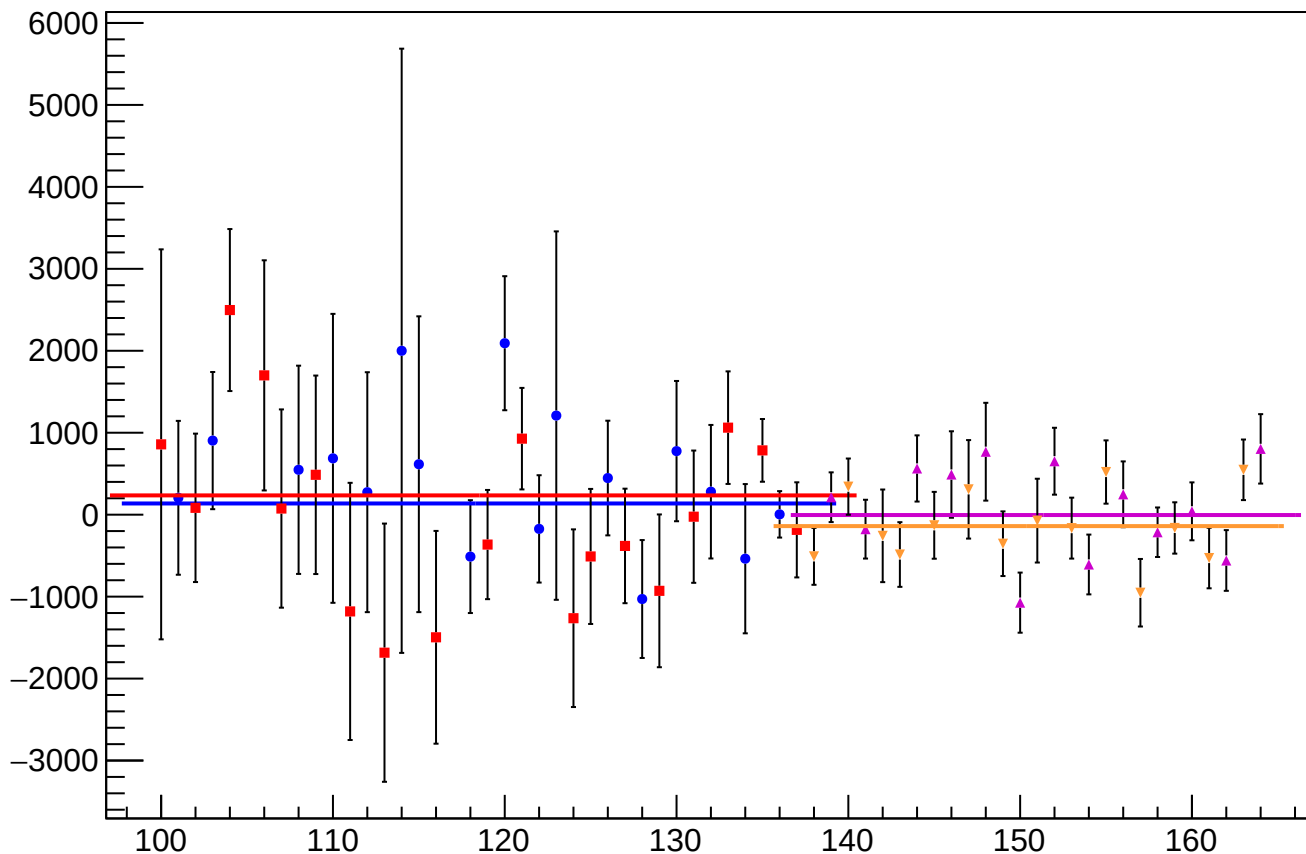
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 356.956 $\pm$ 0.064 χ^2 /NDF: 3068874.5/29

Out: 365.978 $\pm$ 0.064 χ^2 /NDF: 3169333.3/32

All: 361.438 $\pm$ 0.045 χ^2 /NDF: 6248062.1/62

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -139.434 $\pm$ 105.371 χ^2 /NDF:16.2/13

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -4.353 $\pm$ 105.326 χ^2 /NDF:25.9/12

Left: -71.865 $\pm$ 74.492 χ^2 /NDF: 42.9/26

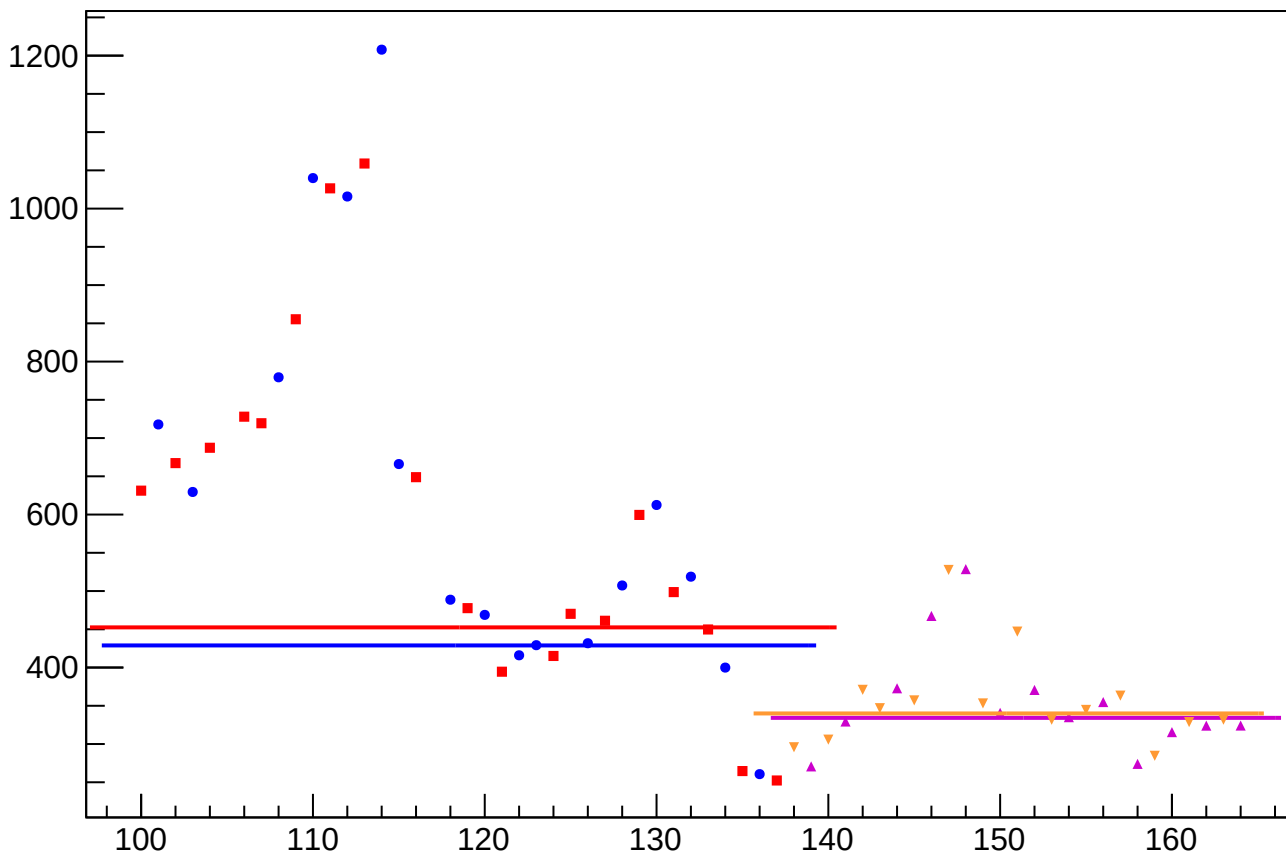
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 31.769 $\pm$ 90.856 χ^2 /NDF:38.9/29

Out: -46.901 $\pm$ 91.442 χ^2 /NDF:41.1/32

All: -7.313 $\pm$ 64.451 χ^2 /NDF: 80.4/62

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 339.972 $\pm$ 0.075 χ^2 /NDF: 420226.4/13

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 334.209 $\pm$ 0.074 χ^2 /NDF: 555486.9/12

Left: 337.089 $\pm$ 0.053 χ^2 /NDF: 978705.6/26

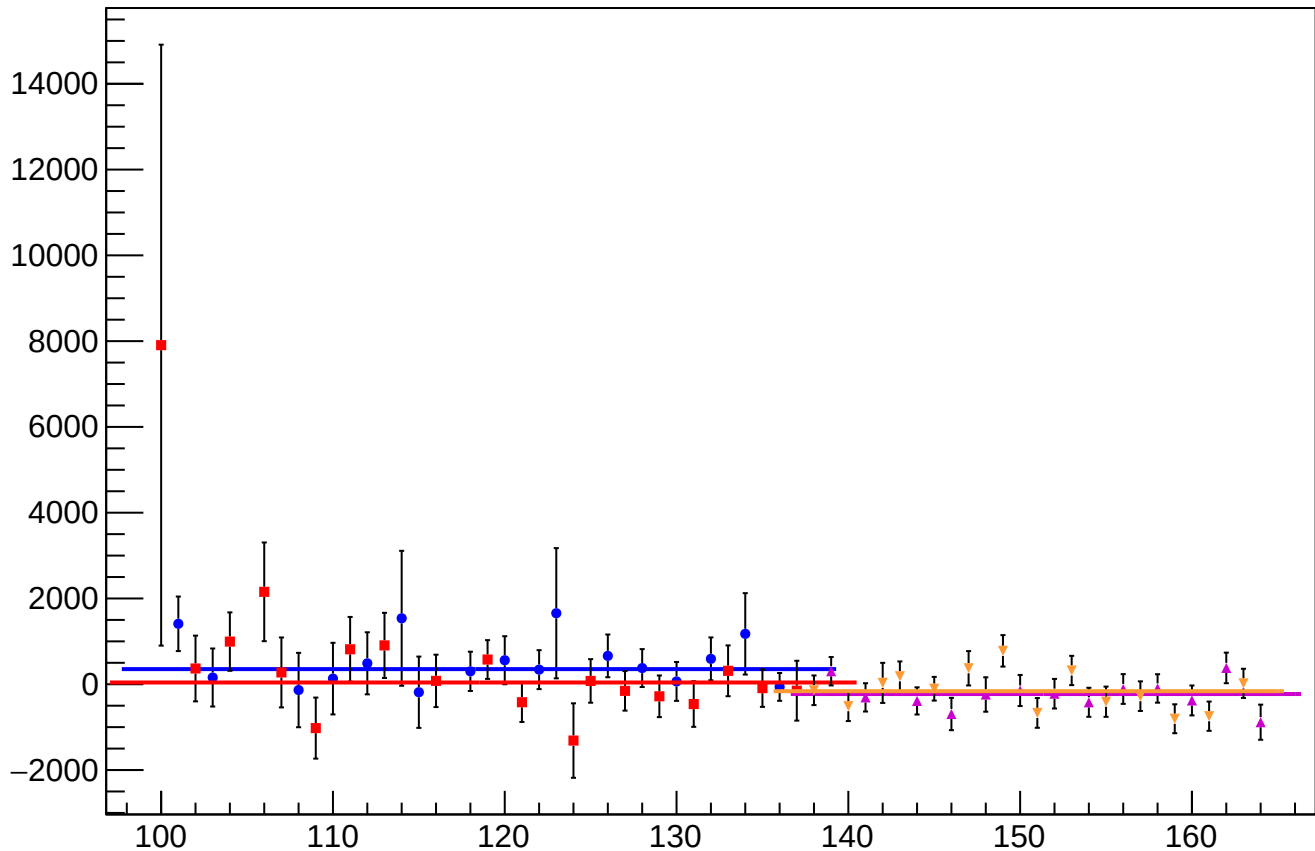
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 358.437 $\pm$ 0.064 χ^2 /NDF: 2979634.5/29

Out: 367.752 $\pm$ 0.065 χ^2 /NDF: 3025371.8/32

All: 363.064 $\pm$ 0.046 χ^2 /NDF: 6015451.8/62

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -161.476 ± 92.958 $\chi^2/\text{NDF}: 22.2/13$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -227.992 ± 97.281 $\chi^2/\text{NDF}: 10.7/12$

Left: -193.223 ± 67.208 $\chi^2/\text{NDF}: 33.1/26$

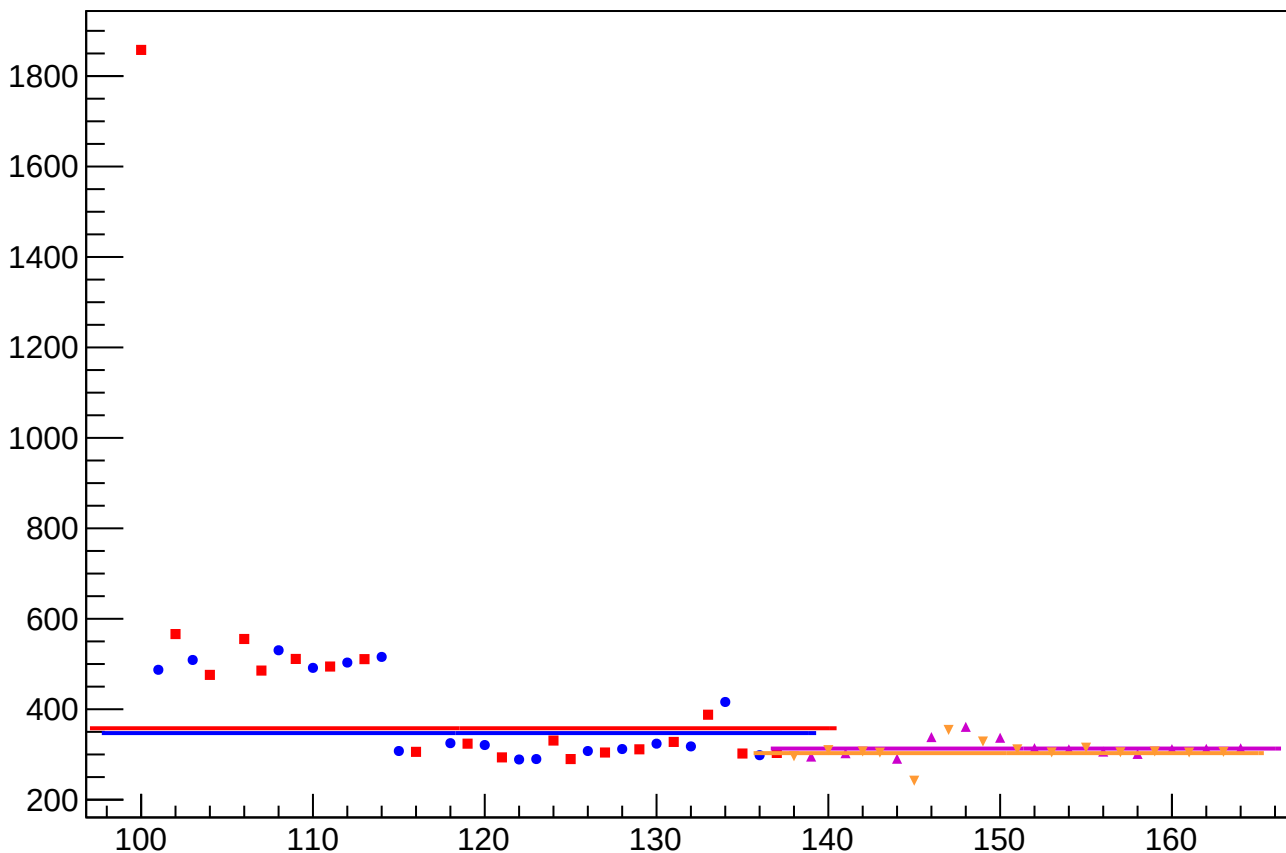
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -33.828 ± 79.376 $\chi^2/\text{NDF}: 31.2/29$

Out: -98.878 ± 77.270 $\chi^2/\text{NDF}: 41.8/32$

All: -67.227 ± 55.368 $\chi^2/\text{NDF}: 73.3/62$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.957+/-0.066 χ^2/NDF : 145692.4/13

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 313.079+/-0.069 χ^2/NDF : 67429.2/12

Left: 307.788+/-0.048 χ^2/NDF : 224439.5/26

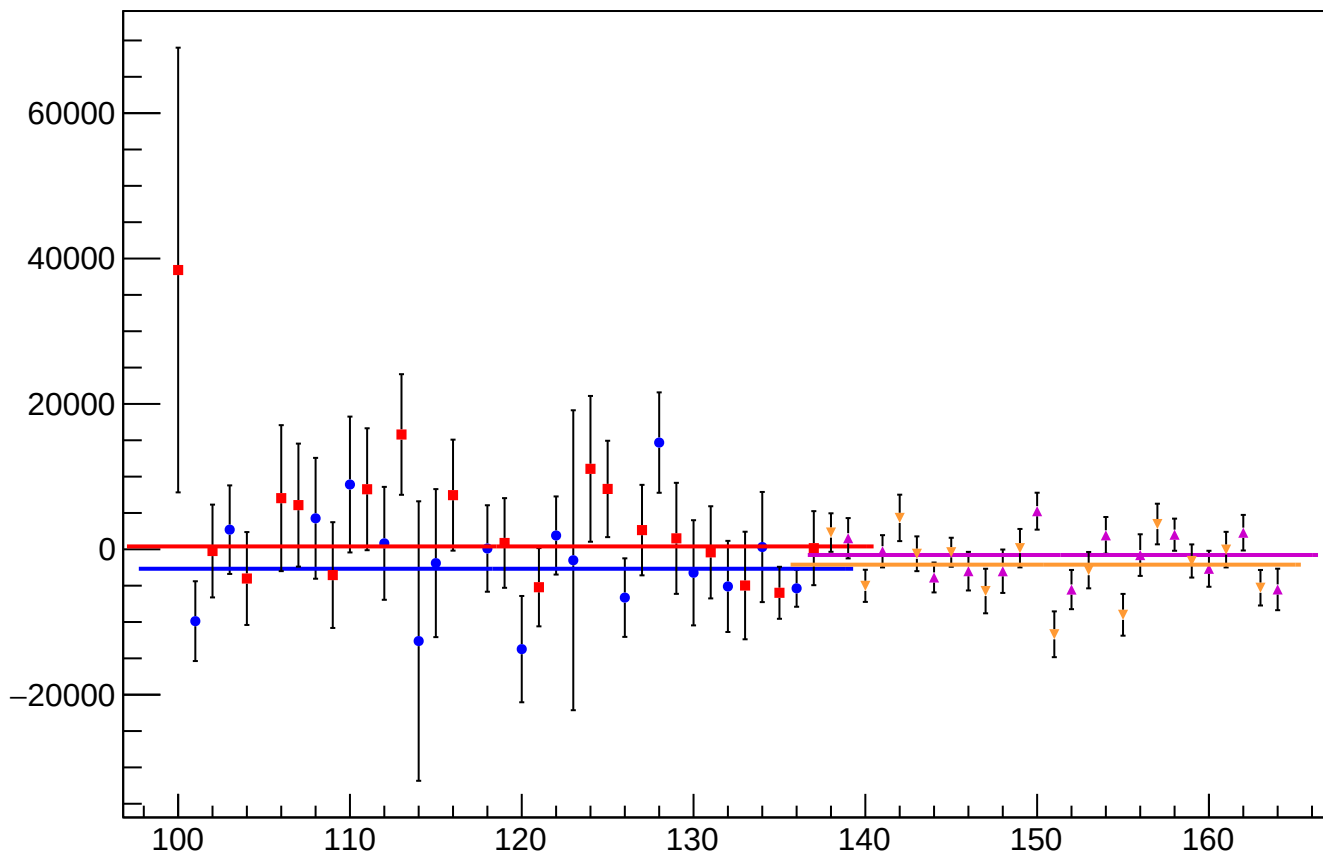
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 324.510+/-0.056 χ^2/NDF : 768957.9/29

Out: 319.954+/-0.055 χ^2/NDF : 1213698.6/32

All: 322.171+/-0.039 χ^2/NDF : 1986039.6/62

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2110.460+/-680.777 χ^2/NDF : 33.4/13

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -779.946+/-697.895 χ^2/NDF : 20.7/12

Left: -1461.720+/-487.322 χ^2/NDF : 55.9/26

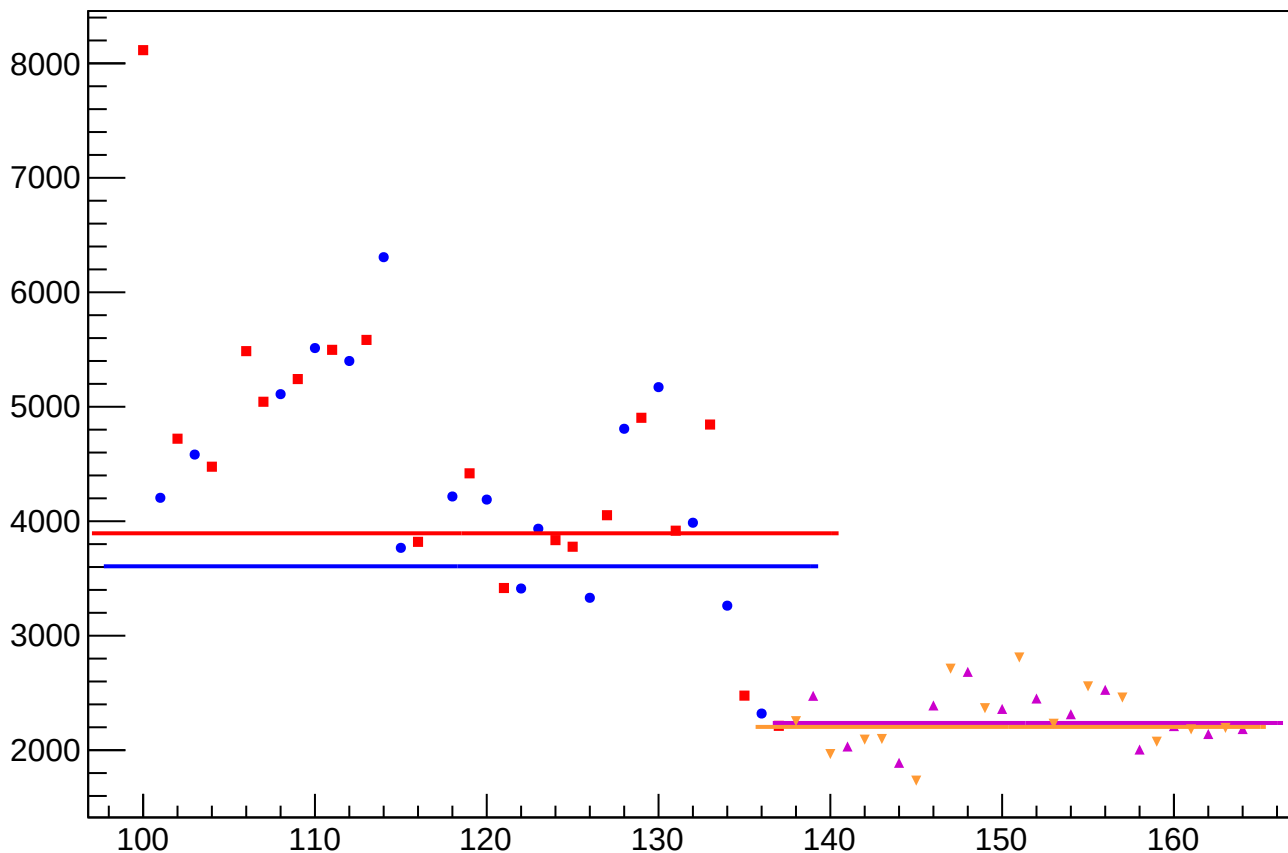
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1133.738+/-629.350 χ^2/NDF : 38.8/29

Out: -1689.413+/-621.031 χ^2/NDF : 51.6/32

All: -1415.272+/-442.047 χ^2/NDF : 90.8/62

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2203.202+/-0.481 χ^2/NDF :331764.9/13

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2237.551+/-0.493 χ^2/NDF :206203.4/12

Left: 2219.950+/-0.345 χ^2/NDF : 540450.8/26

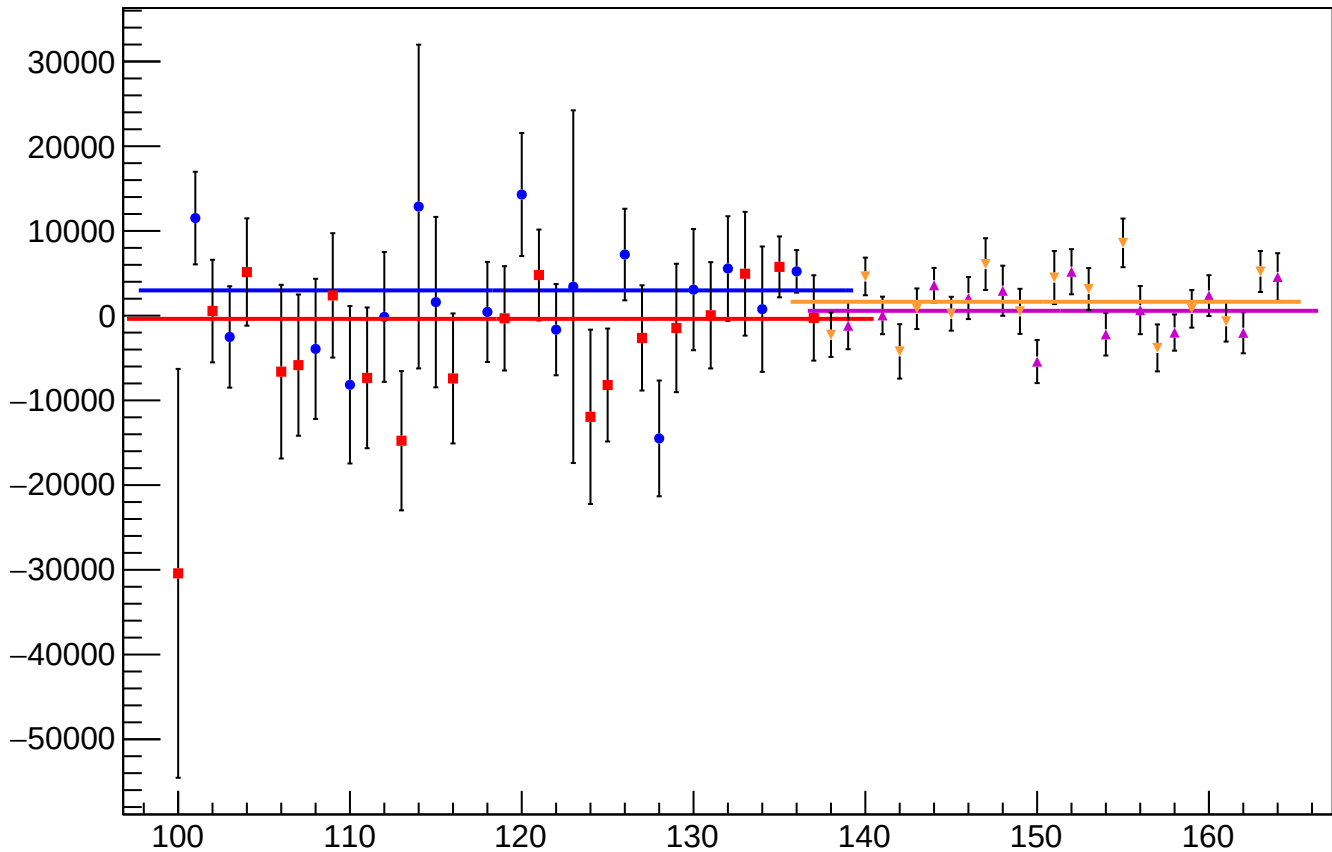
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2493.228+/-0.445 χ^2/NDF :2735810.5/29

Out: 2487.054+/-0.439 χ^2/NDF :3436356.7/32

All: 2490.100+/-0.313 χ^2/NDF : 6172264.7/62

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1639.527 $\pm$ 676.491 χ^2 /NDF:24.5/13

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 573.093 $\pm$ 687.772 χ^2 /NDF:18.6/12

Left: 1115.128 $\pm$ 482.290 χ^2 /NDF: 44.3/26

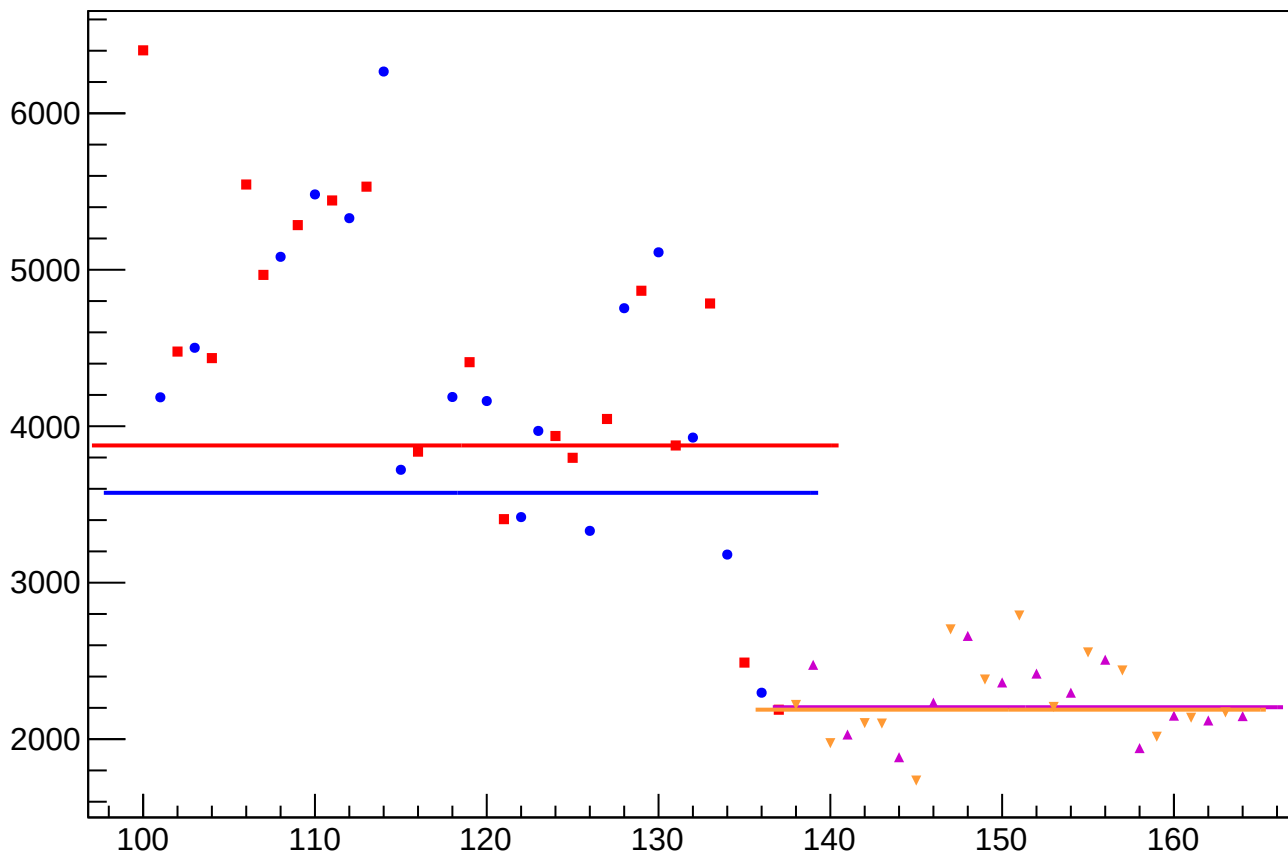
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1019.007 $\pm$ 620.907 χ^2 /NDF:38.3/29

Out: 1301.411 $\pm$ 617.188 χ^2 /NDF:41.0/32

All: 1161.058 $\pm$ 437.727 χ^2 /NDF: 79.4/62

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2188.408 $\pm$ 0.478 χ^2 /NDF: 328969.6/13

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2204.016 $\pm$ 0.486 χ^2 /NDF: 208217.8/12

Left: 2196.083 $\pm$ 0.341 χ^2 /NDF: 537711.0/26

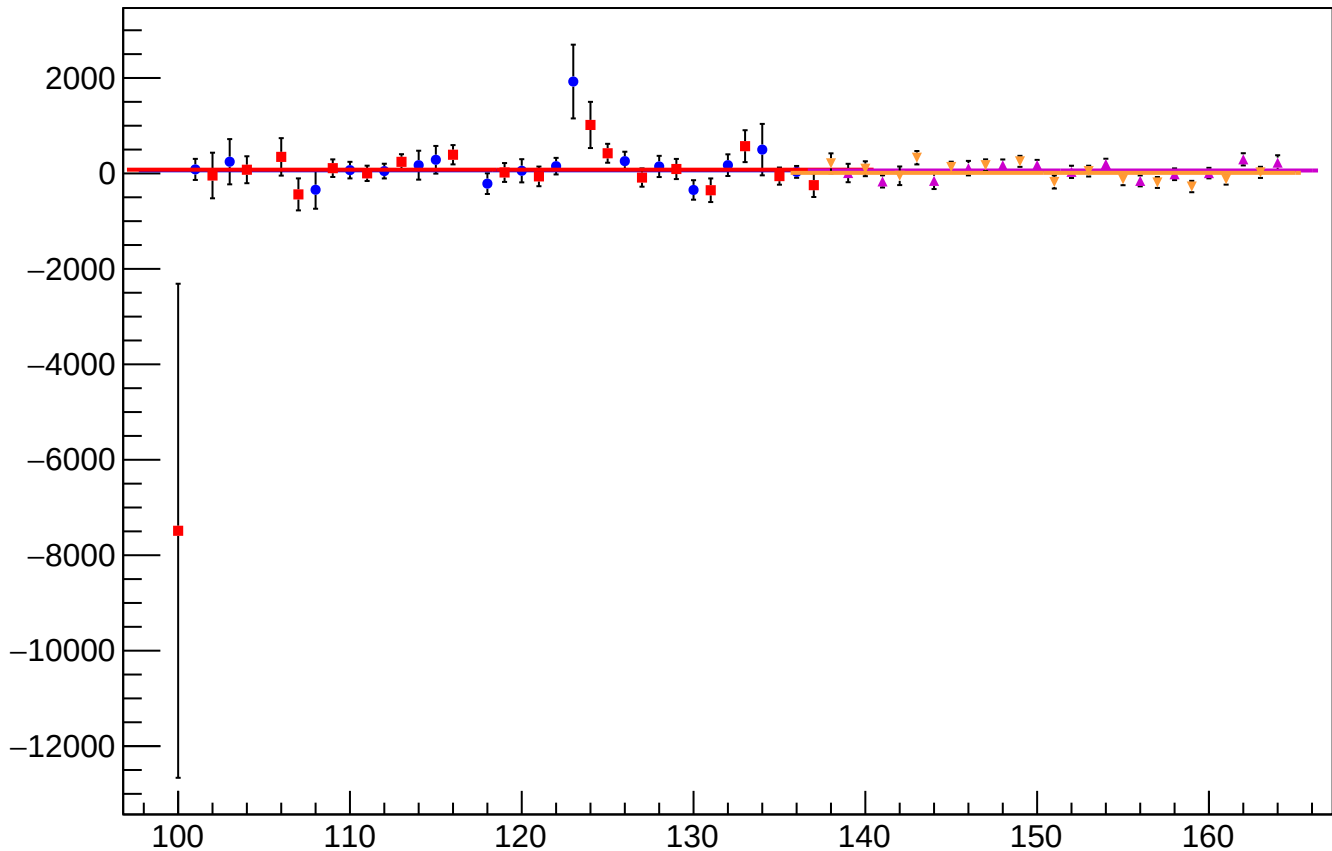
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2457.513 $\pm$ 0.439 χ^2 /NDF: 2768302.7/29

Out: 2471.506 $\pm$ 0.436 χ^2 /NDF: 3408389.9/32

All: 2464.551 $\pm$ 0.310 χ^2 /NDF: 6177203.5/62

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 12.150+/-34.166 χ^2/NDF : 27.2/13

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 61.523+/-35.708 χ^2/NDF : 17.1/12

Left: 35.747+/-24.686 χ^2/NDF : 45.3/26

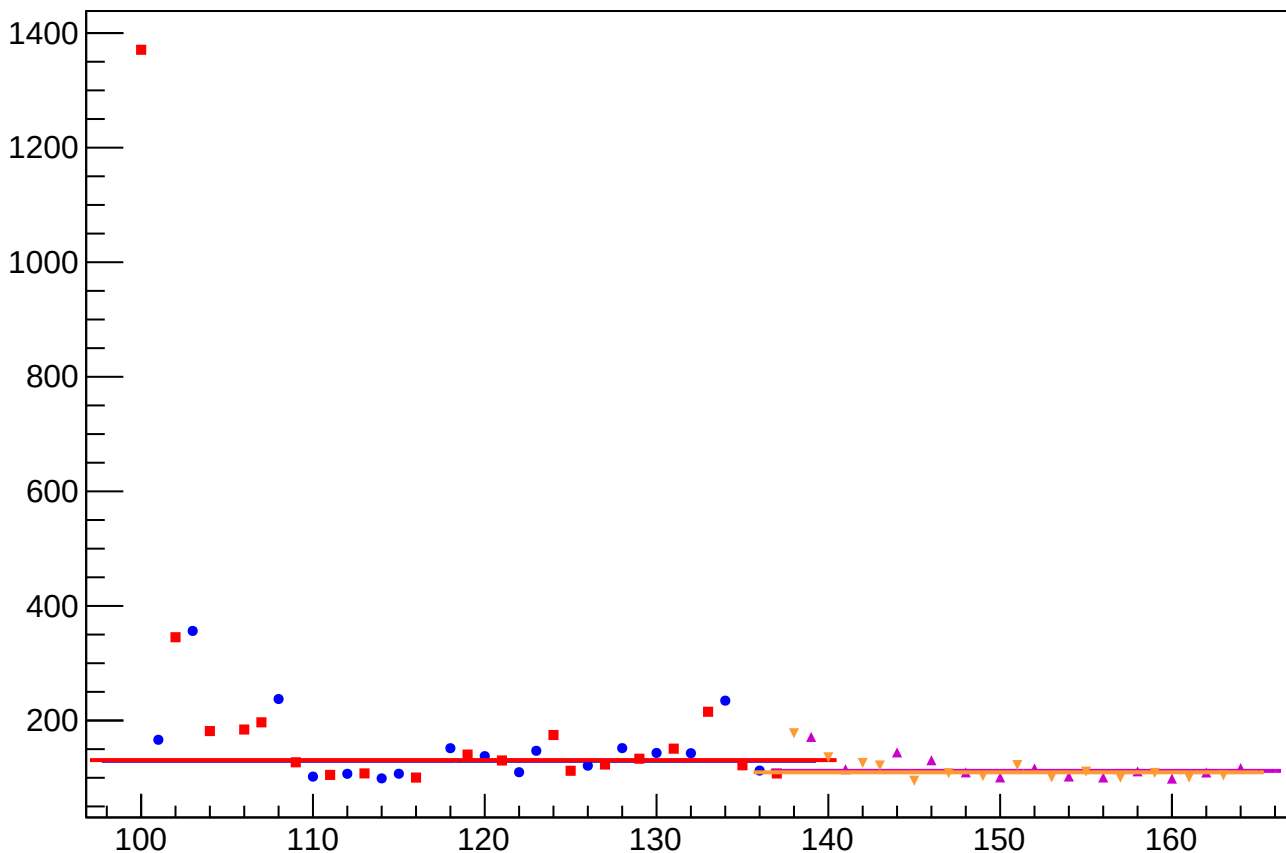
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 62.688+/-29.561 χ^2/NDF : 32.8/29

Out: 32.034+/-28.610 χ^2/NDF : 52.6/32

All: 46.860+/-20.559 χ^2/NDF : 86.0/62

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 109.579 $\pm$ 0.024 χ^2 /NDF: 398236.5/13

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 112.085 $\pm$ 0.025 χ^2 /NDF: 384074.4/12

Left: 110.777 $\pm$ 0.017 χ^2 /NDF: 787453.6/26

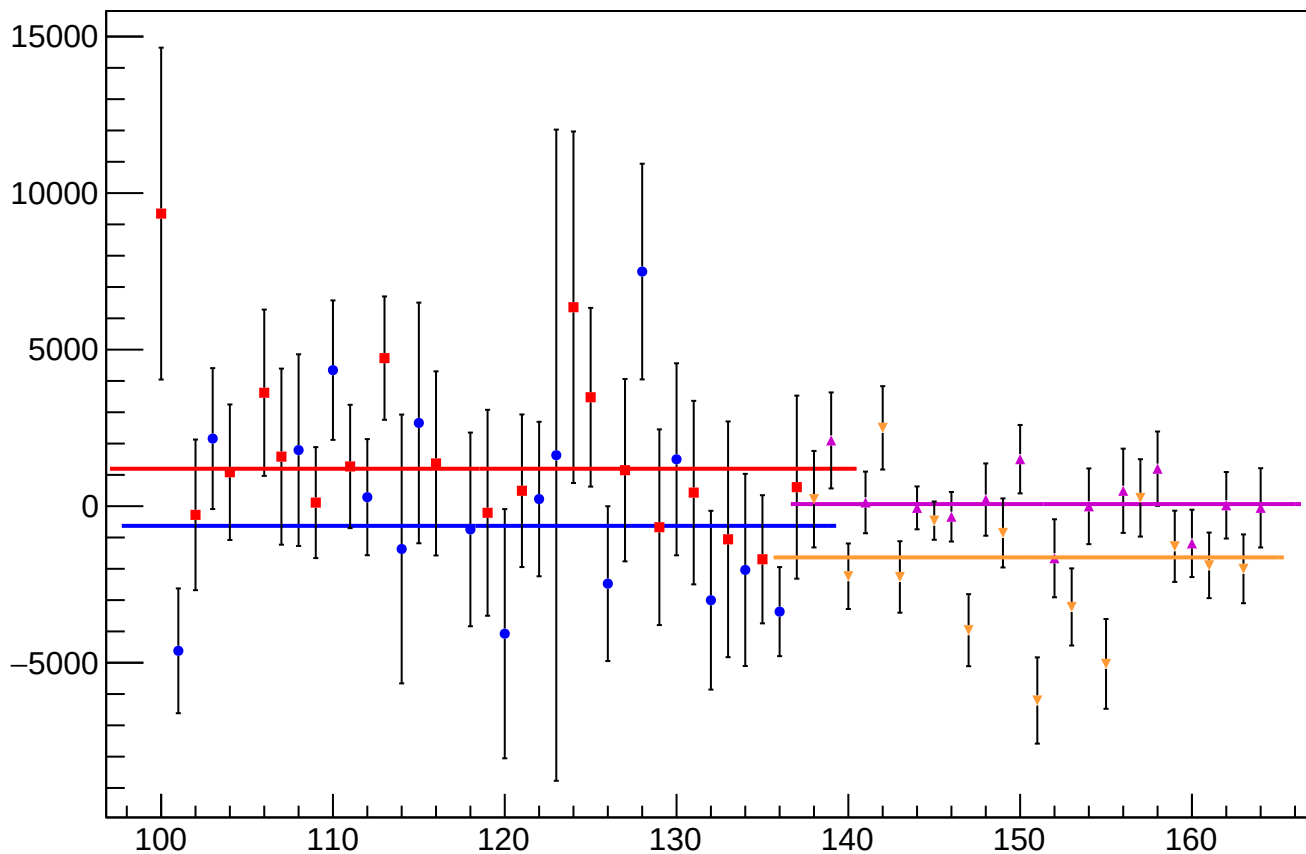
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 117.627 $\pm$ 0.021 χ^2 /NDF: 1526829.8/29

Out: 115.943 $\pm$ 0.020 χ^2 /NDF: 1672784.7/32

All: 116.757 $\pm$ 0.015 χ^2 /NDF: 3202963.7/62

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1635.672 ± 291.520 χ^2/NDF : 40.9/13

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 67.452 ± 291.872 χ^2/NDF : 8.1/12

Left: -785.138 ± 206.260 χ^2/NDF : 66.1/26

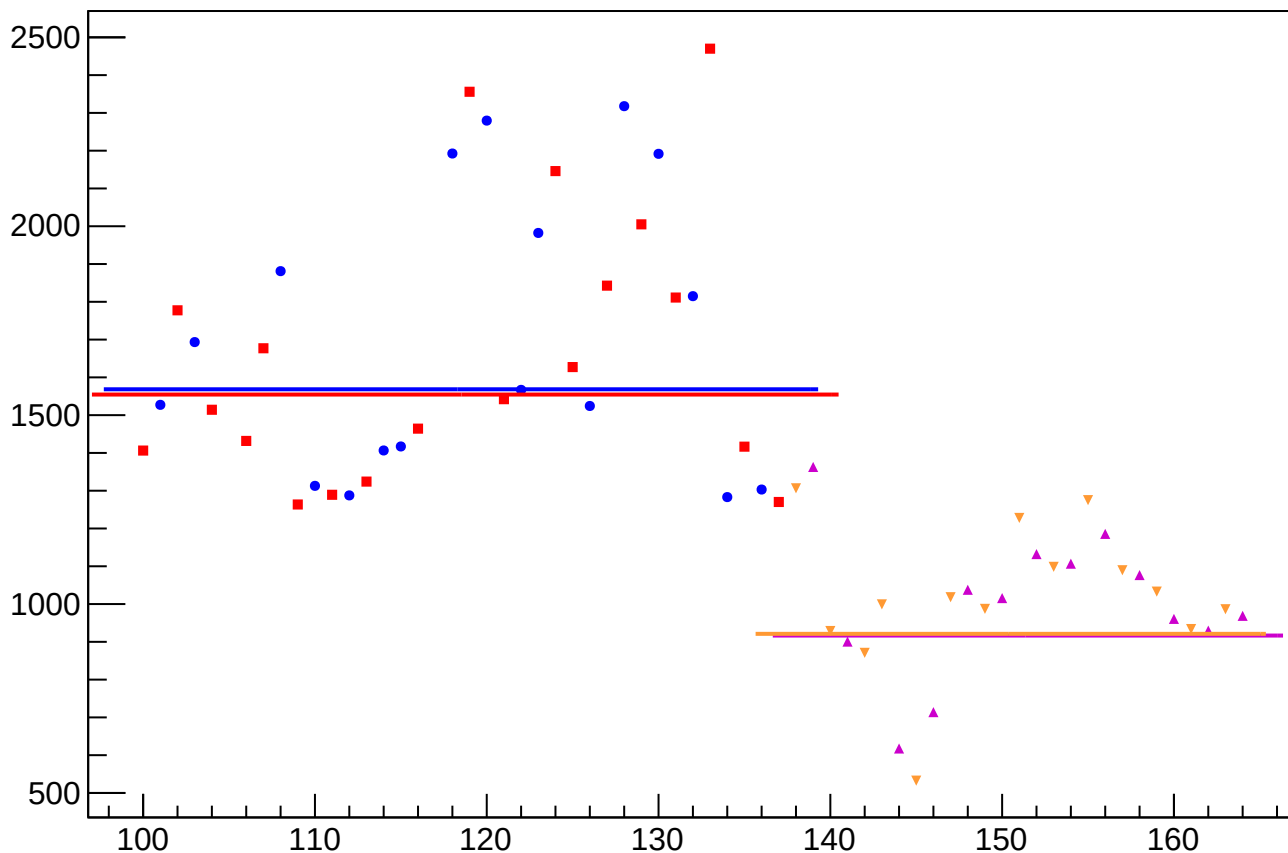
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: -58.249 ± 264.188 χ^2/NDF : 33.4/29

Out: -1088.494 ± 261.846 χ^2/NDF : 70.9/32

All: -577.959 ± 185.976 χ^2/NDF : 112.0/62

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 921.159 $\pm$ 0.206 χ^2 /NDF: 1294145.8/13

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 916.633 $\pm$ 0.206 χ^2 /NDF: 953628.9/12

Left: 918.899 $\pm$ 0.146 χ^2 /NDF: 2248015.4/26

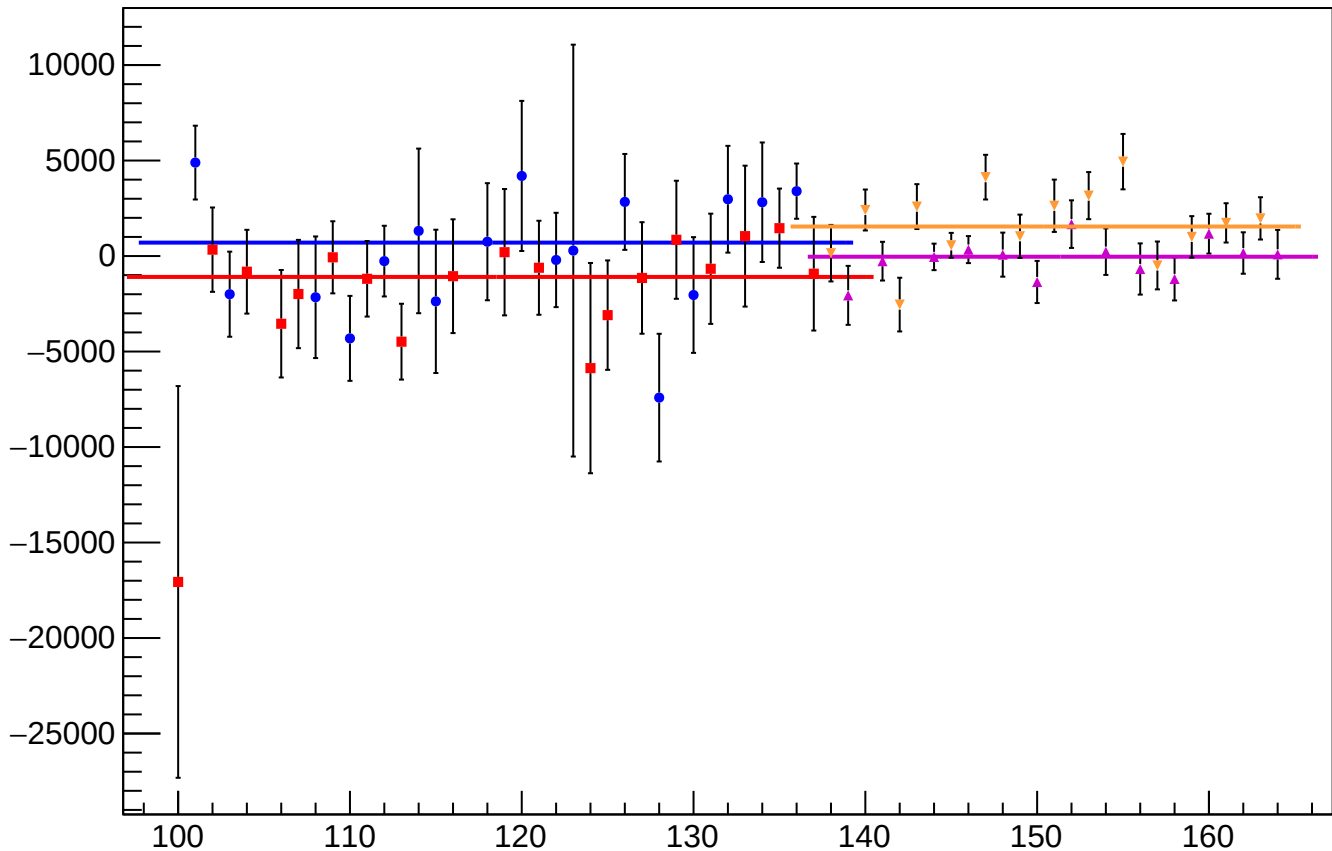
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1034.423 $\pm$ 0.187 χ^2 /NDF: 3290428.9/29

Out: 1043.540 $\pm$ 0.185 χ^2 /NDF: 3630344.5/32

All: 1039.022 $\pm$ 0.132 χ^2 /NDF: 6921974.7/62

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 ± 620.618 χ^2/NDF : 26.0/16

Left Out: 1545.230 ± 296.889 χ^2/NDF : 29.1/13

Right Out: -1093.862 ± 603.204 χ^2/NDF : 10.6/18

Left In: -35.723 ± 287.646 χ^2/NDF : 8.1/12

Left: 729.762 ± 206.587 χ^2/NDF : 51.8/26

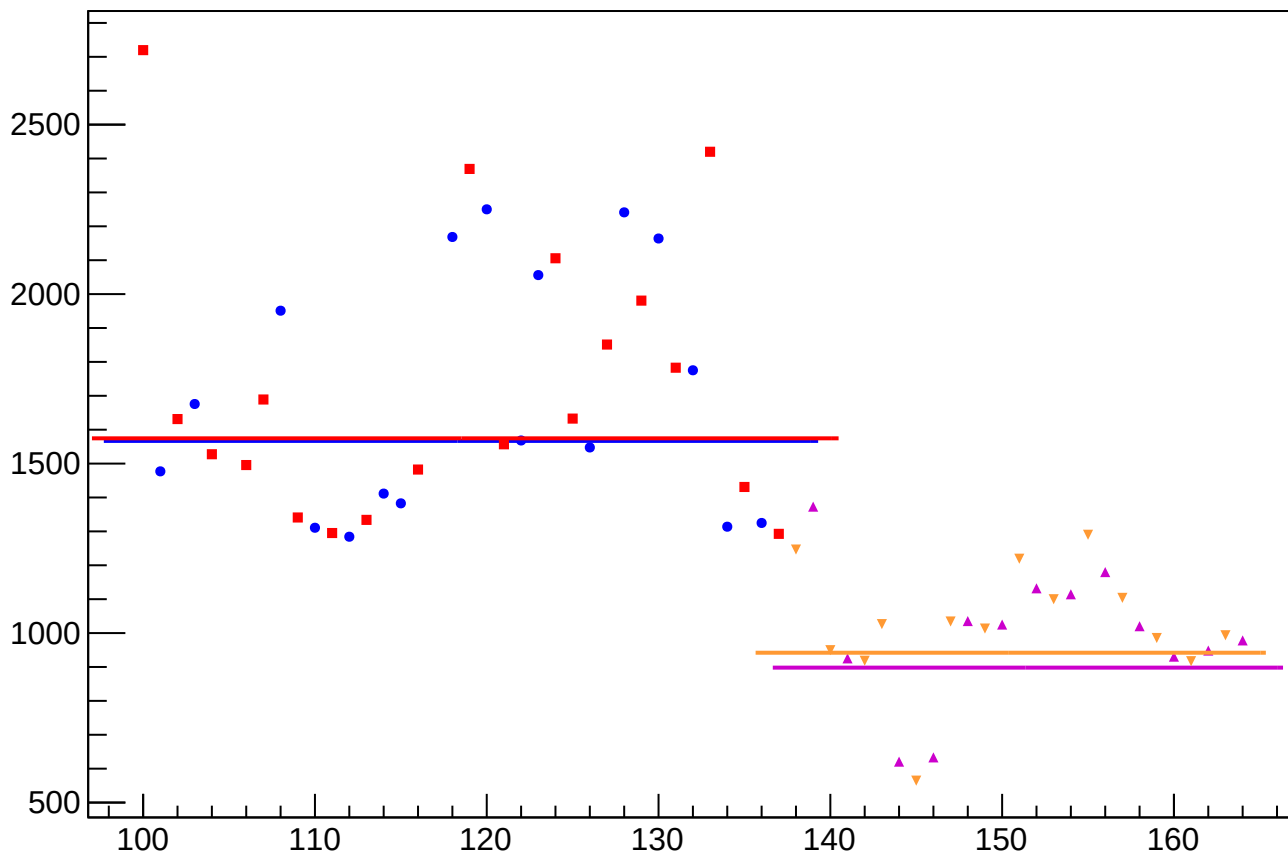
Right: -220.967 ± 432.555 χ^2/NDF : 40.9/35

In: 94.916 ± 260.978 χ^2/NDF : 35.2/29

Out: 1030.586 ± 266.373 χ^2/NDF : 55.1/32

All: 553.180 ± 186.417 χ^2/NDF : 96.6/62

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 942.048 $\pm$ 0.210 χ^2 /NDF: 1061643.7/13

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 898.052 $\pm$ 0.203 χ^2 /NDF: 1105247.5/12

Left: 919.354 $\pm$ 0.146 χ^2 /NDF: 2189545.9/26

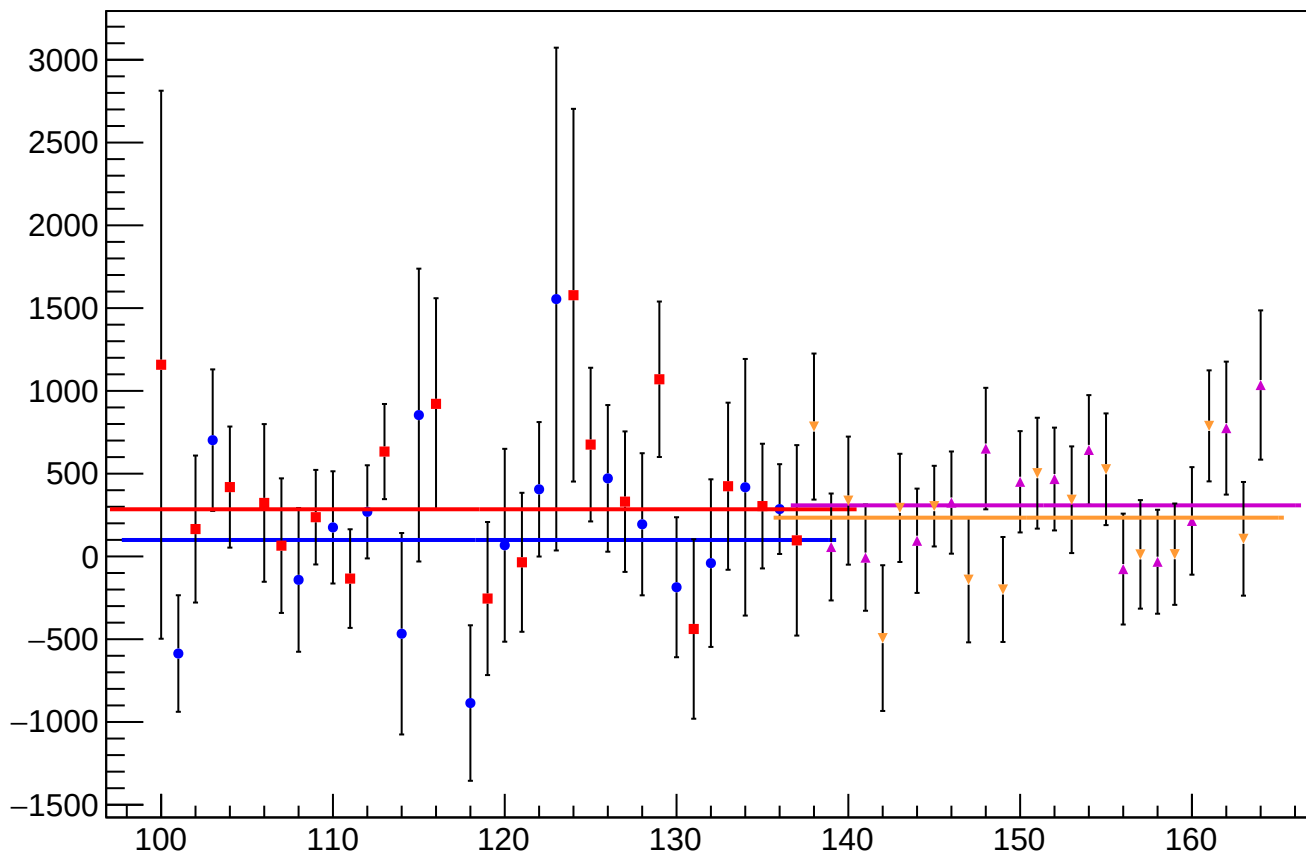
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1016.331 $\pm$ 0.185 χ^2 /NDF: 3517466.7/29

Out: 1065.386 $\pm$ 0.188 χ^2 /NDF: 3295972.2/32

All: 1040.357 $\pm$ 0.132 χ^2 /NDF: 6848046.7/62

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 234.168 $\pm$ 89.509 χ^2 /NDF:12.7/13

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 308.586 $\pm$ 92.402 χ^2 /NDF:10.9/12

Left: 270.193 $\pm$ 64.291 χ^2 /NDF: 24.0/26

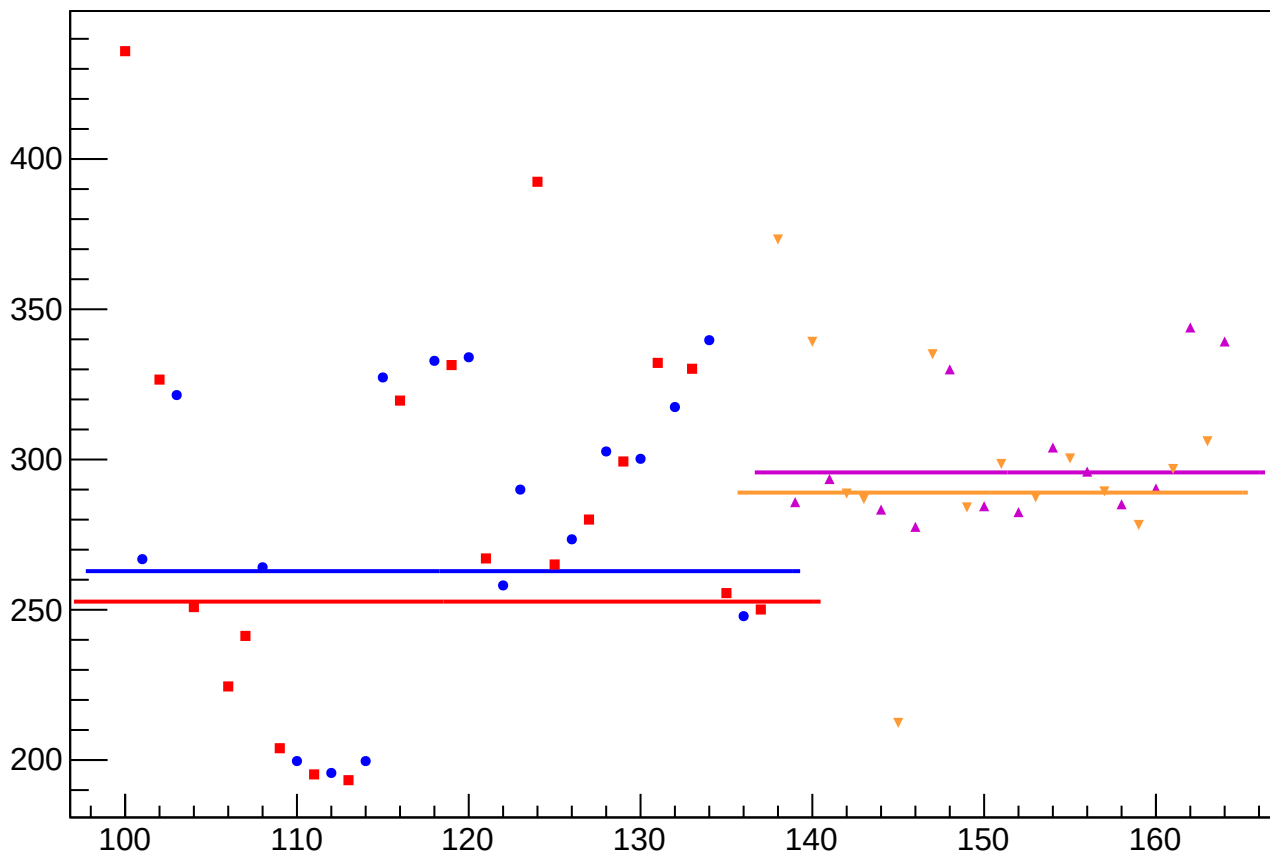
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 215.763 $\pm$ 68.918 χ^2 /NDF:29.1/29

Out: 257.308 $\pm$ 66.001 χ^2 /NDF:26.8/32

All: 237.434 $\pm$ 47.668 χ^2 /NDF: 56.2/62

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 288.997 $\pm$ 0.063 χ^2 /NDF:347088.4/13

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 295.710 $\pm$ 0.065 χ^2 /NDF:87332.5/12

Left: 292.247 $\pm$ 0.045 χ^2 /NDF: 439867.0/26

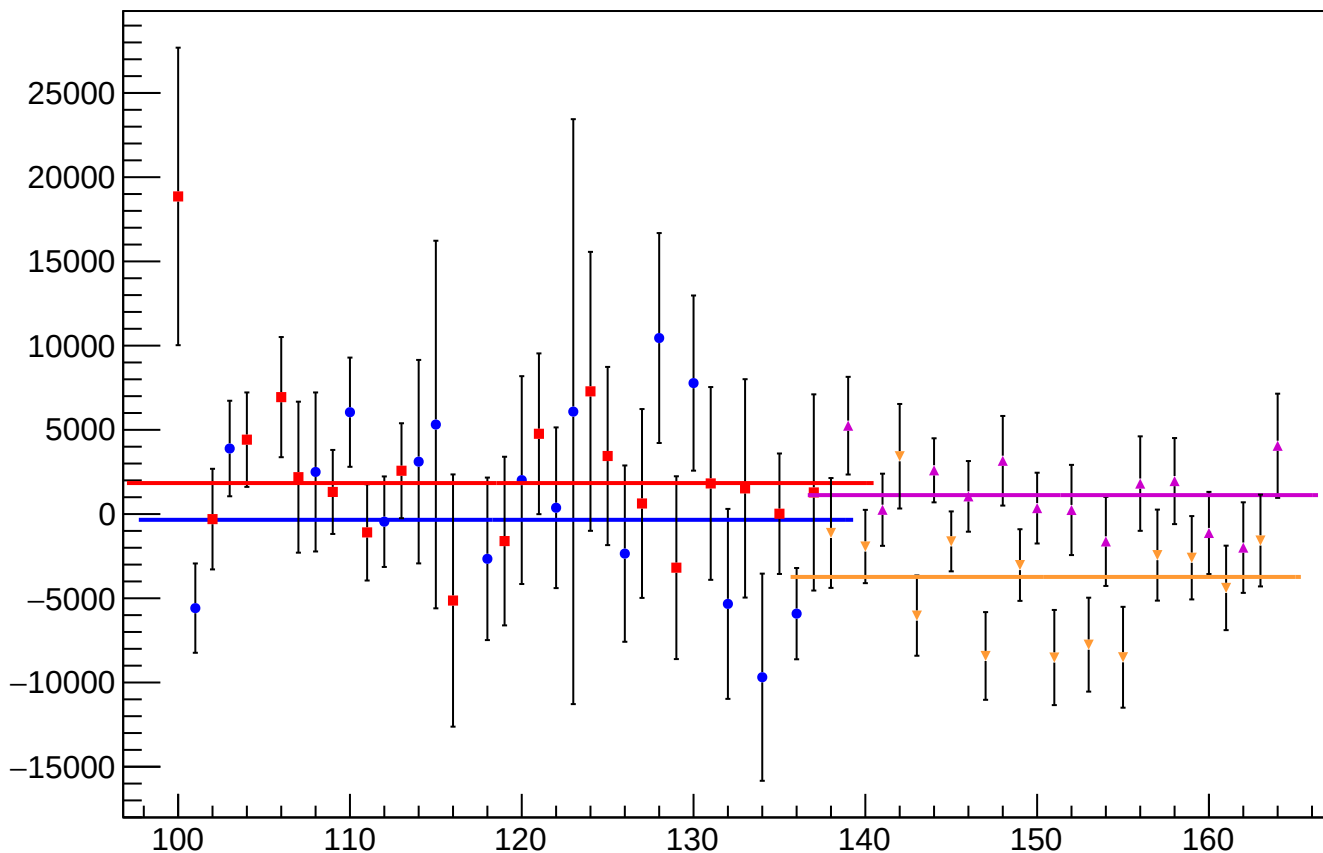
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 281.133 $\pm$ 0.049 χ^2 /NDF:611215.6/29

Out: 272.445 $\pm$ 0.047 χ^2 /NDF:1036715.6/32

All: 276.601 $\pm$ 0.034 χ^2 /NDF: 1664510.9/62

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3732.339 ± 669.763 $\chi^2/\text{NDF}: 21.0/13$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 1125.071 ± 676.925 $\chi^2/\text{NDF}: 8.0/12$

Left: -1329.464 ± 476.106 $\chi^2/\text{NDF}: 54.9/26$

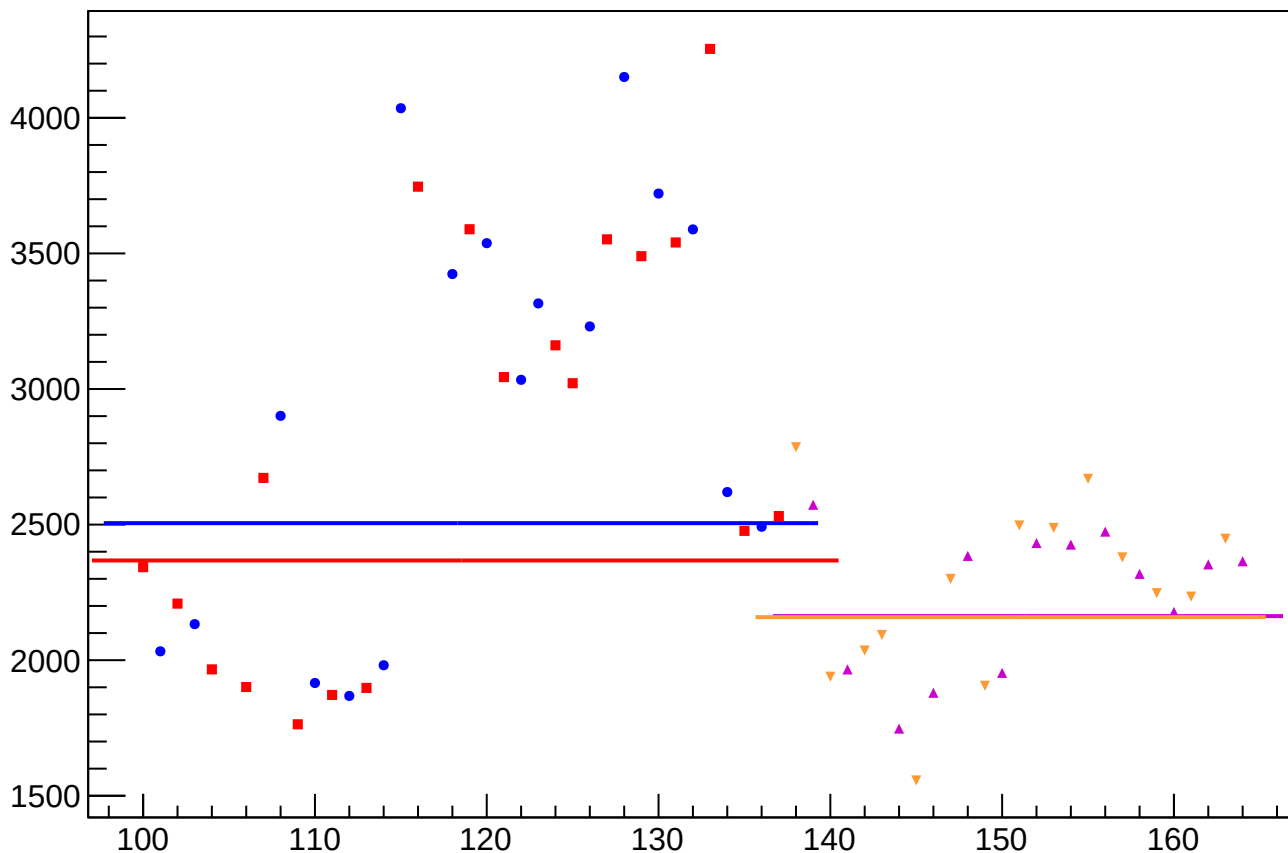
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 667.128 ± 561.380 $\chi^2/\text{NDF}: 33.8/29$

Out: -1814.835 ± 542.436 $\chi^2/\text{NDF}: 56.5/32$

All: -616.436 ± 390.085 $\chi^2/\text{NDF}: 100.4/62$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2158.669+/-0.474 χ^2/NDF : 517133.7/13

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2162.545+/-0.479 χ^2/NDF : 313169.5/12

Left: 2160.586+/-0.337 χ^2/NDF : 830336.3/26

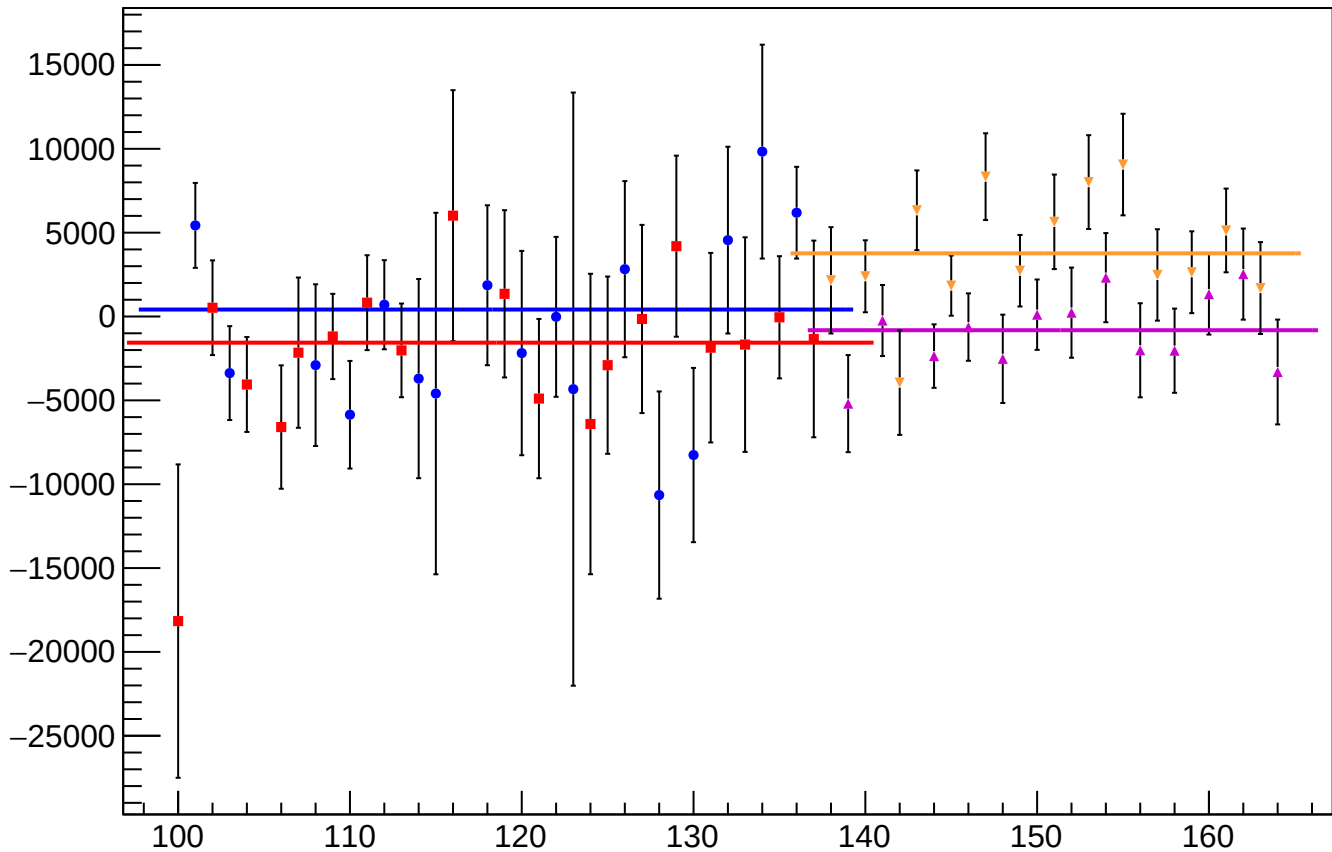
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2269.578+/-0.397 χ^2/NDF : 1337439.2/29

Out: 2230.602+/-0.384 χ^2/NDF : 1615077.3/32

All: 2249.421+/-0.276 χ^2/NDF : 2957502.4/62

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 χ^2/NDF : 24.5/16

Left Out: 3766.701 ± 668.913 χ^2/NDF : 19.6/13

Right Out: -1558.787 ± 924.438 χ^2/NDF : 10.7/18

Left In: -817.981 ± 671.873 χ^2/NDF : 8.6/12

Left: 1484.480 ± 474.036 χ^2/NDF : 51.5/26

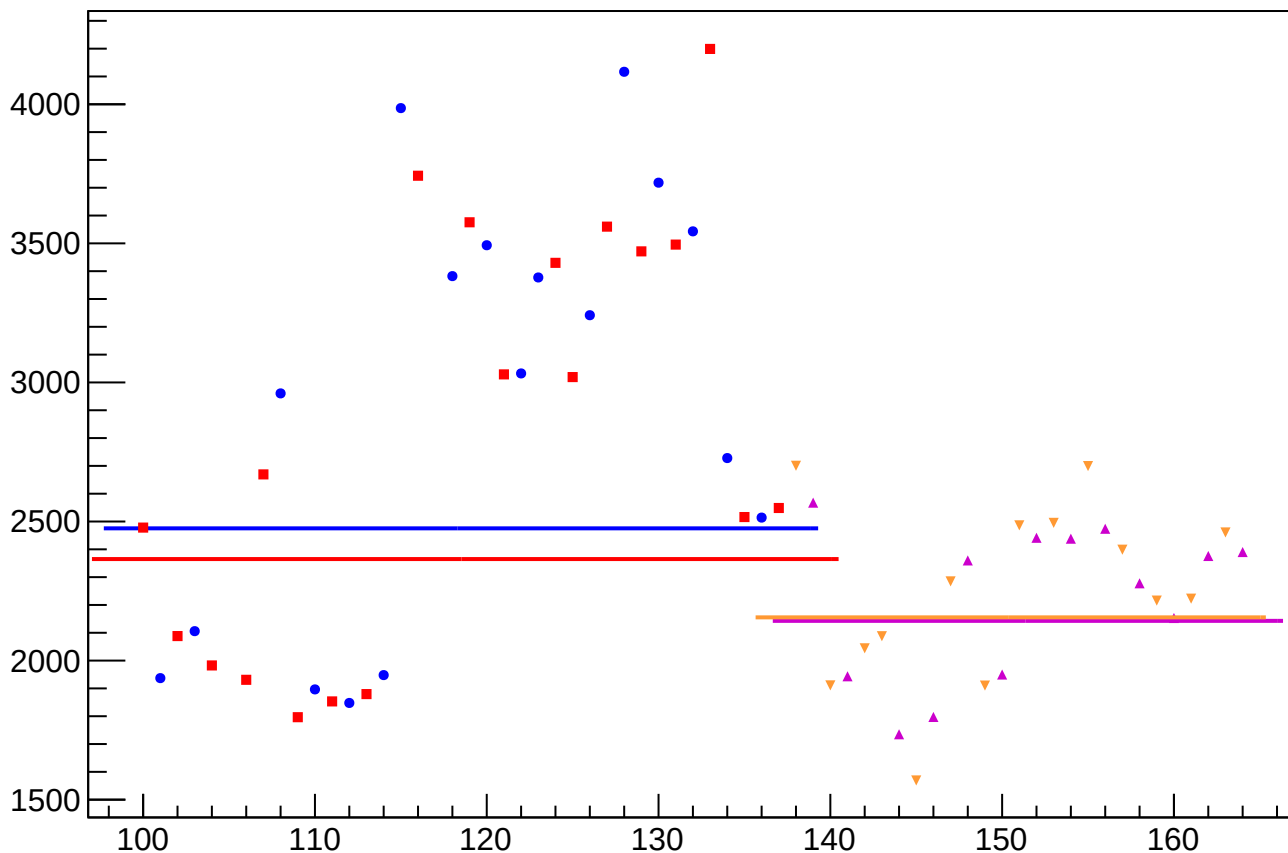
Right: -644.015 ± 677.222 χ^2/NDF : 37.3/35

In: -431.632 ± 556.801 χ^2/NDF : 34.1/29

Out: 1936.590 ± 541.922 χ^2/NDF : 52.1/32

All: 784.544 ± 388.351 χ^2/NDF : 95.5/62

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2155.385 $\pm$ 0.473 χ^2 /NDF: 499014.6/13

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2142.852 $\pm$ 0.475 χ^2 /NDF: 353477.4/12

Left: 2149.146 $\pm$ 0.335 χ^2 /NDF: 852841.5/26

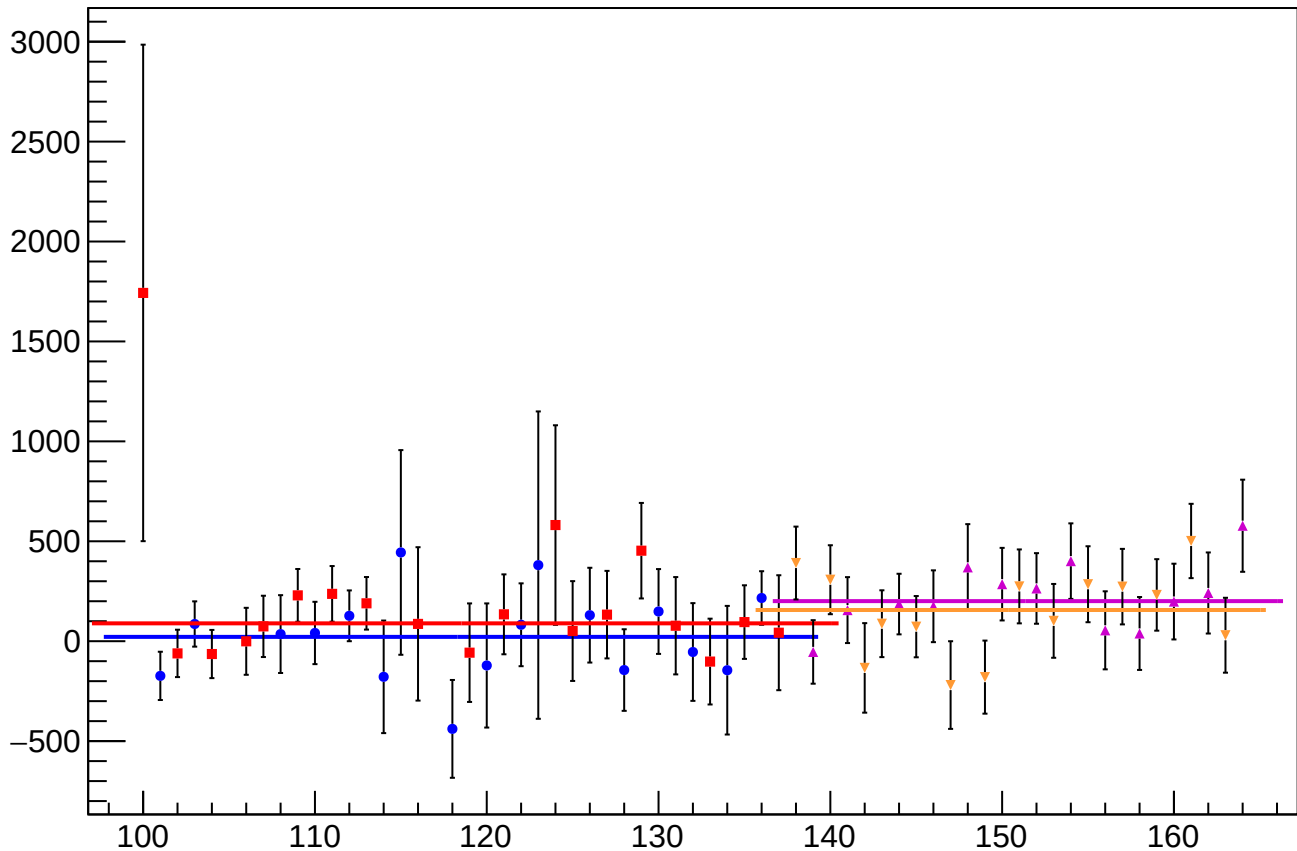
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2247.019 $\pm$ 0.394 χ^2 /NDF: 1420042.8/29

Out: 2227.428 $\pm$ 0.383 χ^2 /NDF: 1593694.6/32

All: 2236.958 $\pm$ 0.275 χ^2 /NDF: 3015008.9/62

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 156.091 $\pm$ 49.054 χ^2 /NDF:16.3/13

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 200.544 $\pm$ 50.648 χ^2 /NDF:8.8/12

Left: 177.607 $\pm$ 35.236 χ^2 /NDF: 25.5/26

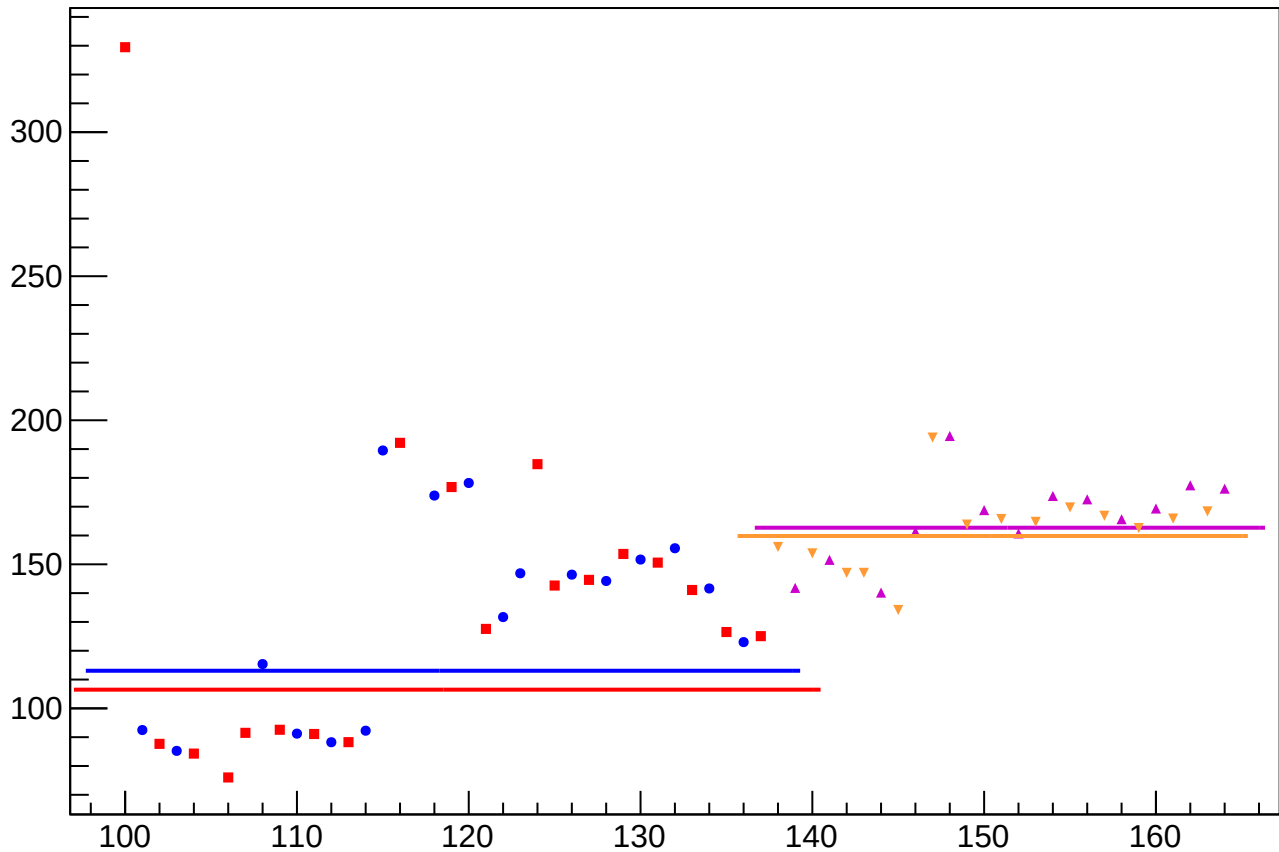
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 100.876 $\pm$ 33.705 χ^2 /NDF:28.3/29

Out: 117.406 $\pm$ 31.817 χ^2 /NDF:30.1/32

All: 109.617 $\pm$ 23.137 χ^2 /NDF: 58.6/62

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 159.827 $\pm$ 0.035 χ^2 /NDF:145533.4/13

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 162.700 $\pm$ 0.036 χ^2 /NDF:166088.9/12

Left: 161.218 $\pm$ 0.025 χ^2 /NDF: 314942.9/26

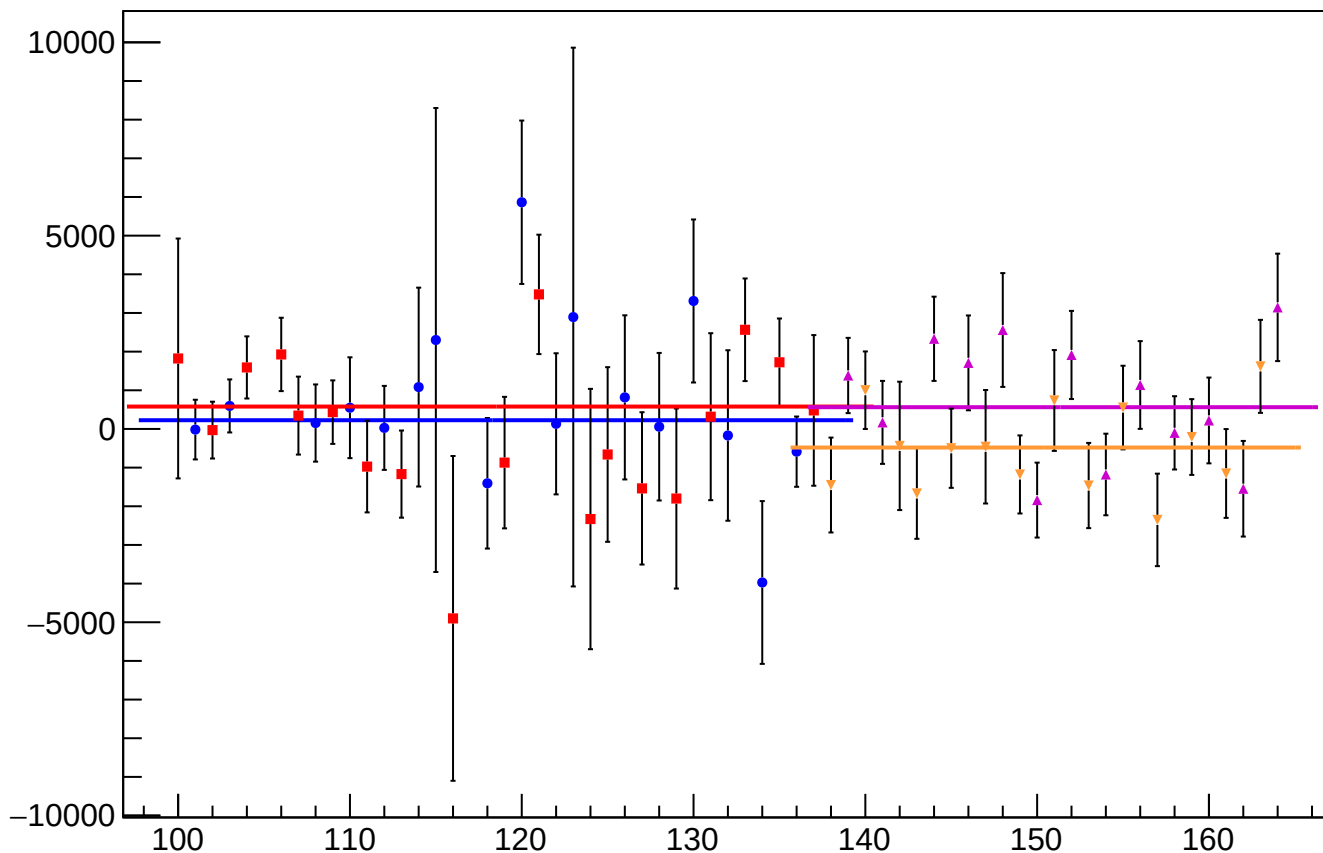
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 135.043 $\pm$ 0.024 χ^2 /NDF:2057295.5/29

Out: 128.930 $\pm$ 0.022 χ^2 /NDF:2531389.4/32

All: 131.811 $\pm$ 0.016 χ^2 /NDF: 4623472.3/62

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -480.654 $\pm$ 307.128 χ^2 /NDF:12.8/13

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 562.860 $\pm$ 308.613 χ^2 /NDF:23.7/12

Left: 38.587 $\pm$ 217.695 χ^2 /NDF: 42.2/26

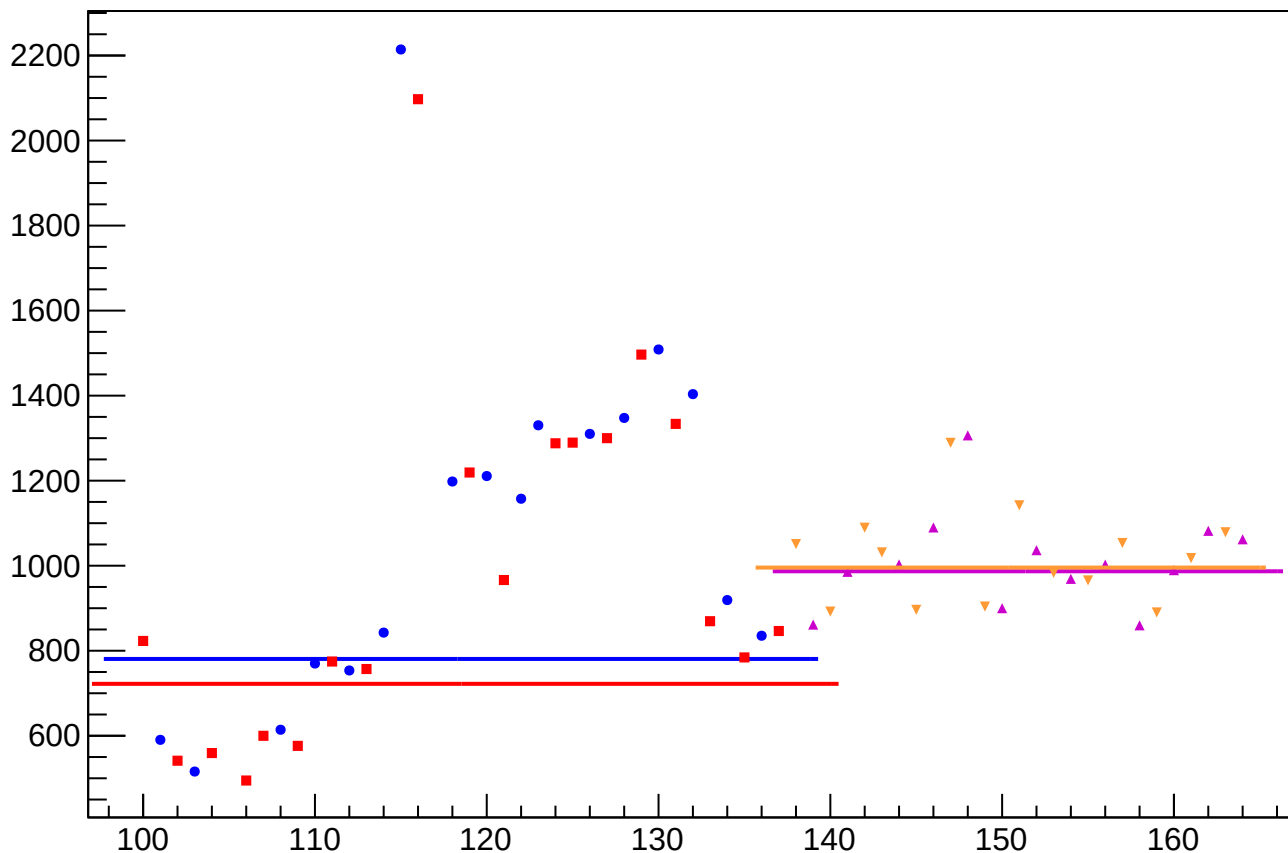
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 401.096 $\pm$ 222.609 χ^2 /NDF:40.2/29

Out: 80.948 $\pm$ 210.562 χ^2 /NDF:40.3/32

All: 232.124 $\pm$ 152.971 χ^2 /NDF: 81.5/62

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 995.633 $\pm$ 0.217 χ^2 /NDF:214066.8/13

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 986.889 $\pm$ 0.218 χ^2 /NDF:216607.5/12

Left: 991.282 $\pm$ 0.154 χ^2 /NDF: 431481.1/26

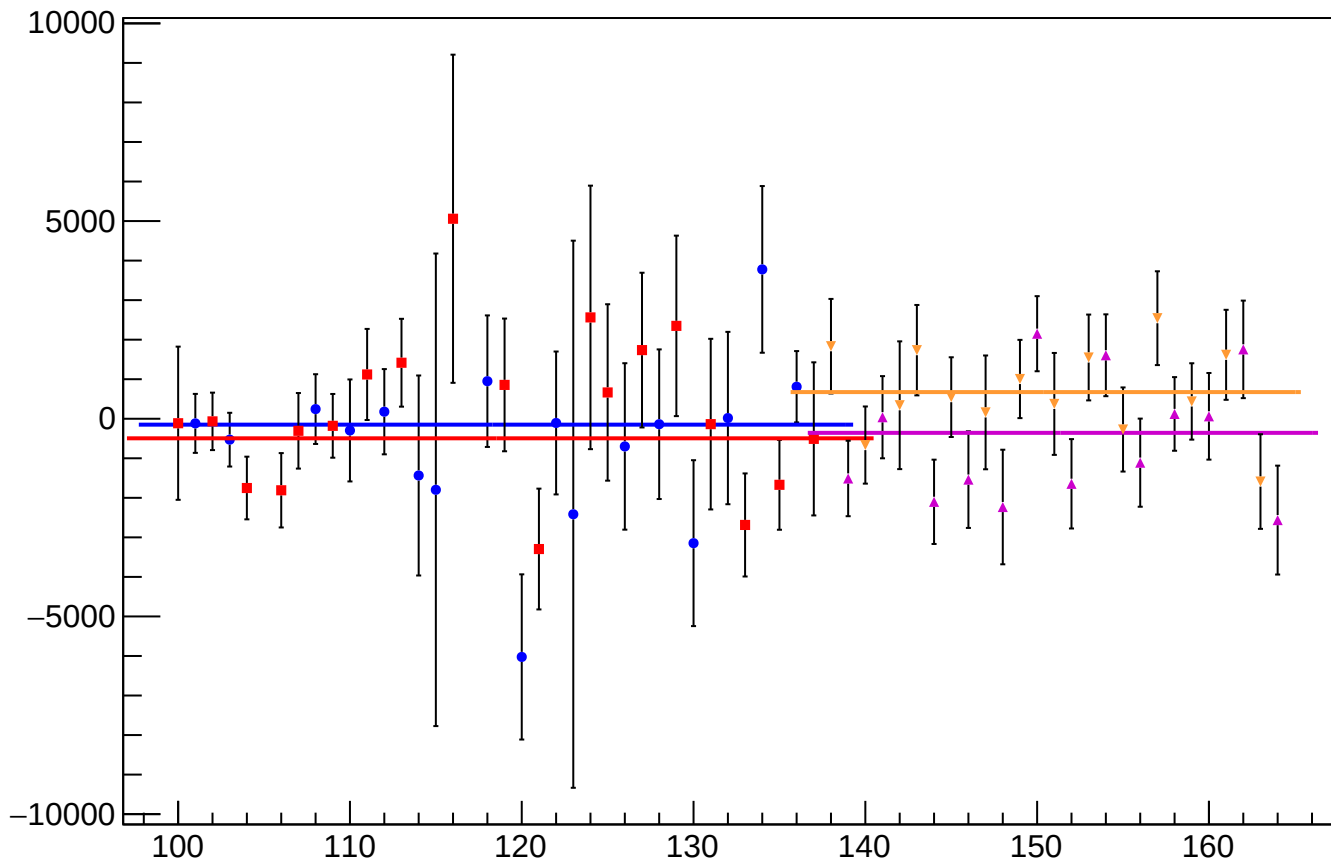
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 887.981 $\pm$ 0.157 χ^2 /NDF:2254365.2/29

Out: 850.692 $\pm$ 0.149 χ^2 /NDF:2683284.2/32

All: 868.300 $\pm$ 0.108 χ^2 /NDF: 4967268.3/62

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 674.426 ± 301.878 $\chi^2/\text{NDF}: 12.3/13$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -356.544 ± 303.586 $\chi^2/\text{NDF}: 25.1/12$

Left: 161.850 ± 214.061 $\chi^2/\text{NDF}: 43.2/26$

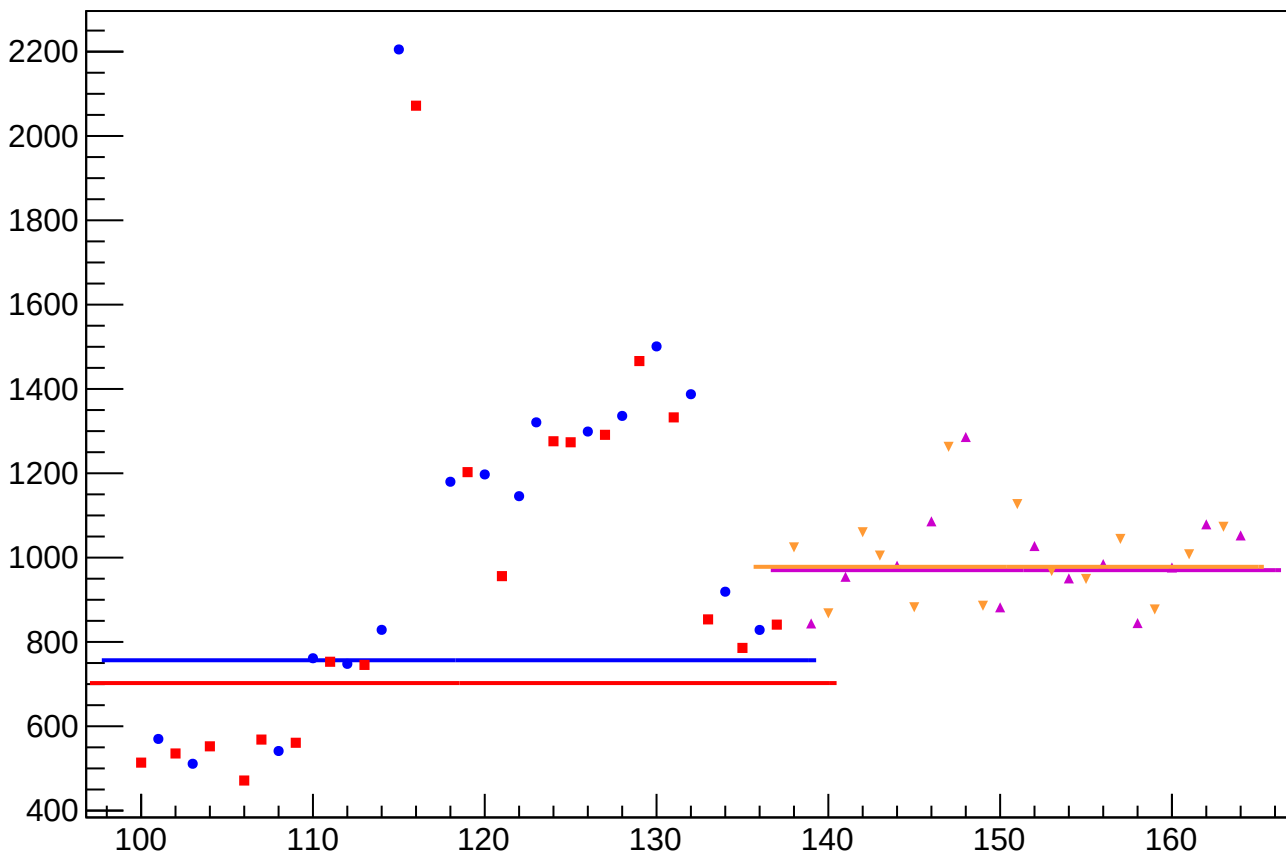
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -256.007 ± 217.907 $\chi^2/\text{NDF}: 41.5/29$

Out: 51.510 ± 206.354 $\chi^2/\text{NDF}: 43.9/32$

All: -93.880 ± 149.832 $\chi^2/\text{NDF}: 86.5/62$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 978.174+/-0.213 χ^2/NDF : 218930.6/13

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 970.269+/-0.215 χ^2/NDF : 231162.0/12

Left: 974.244+/-0.151 χ^2/NDF : 450774.4/26

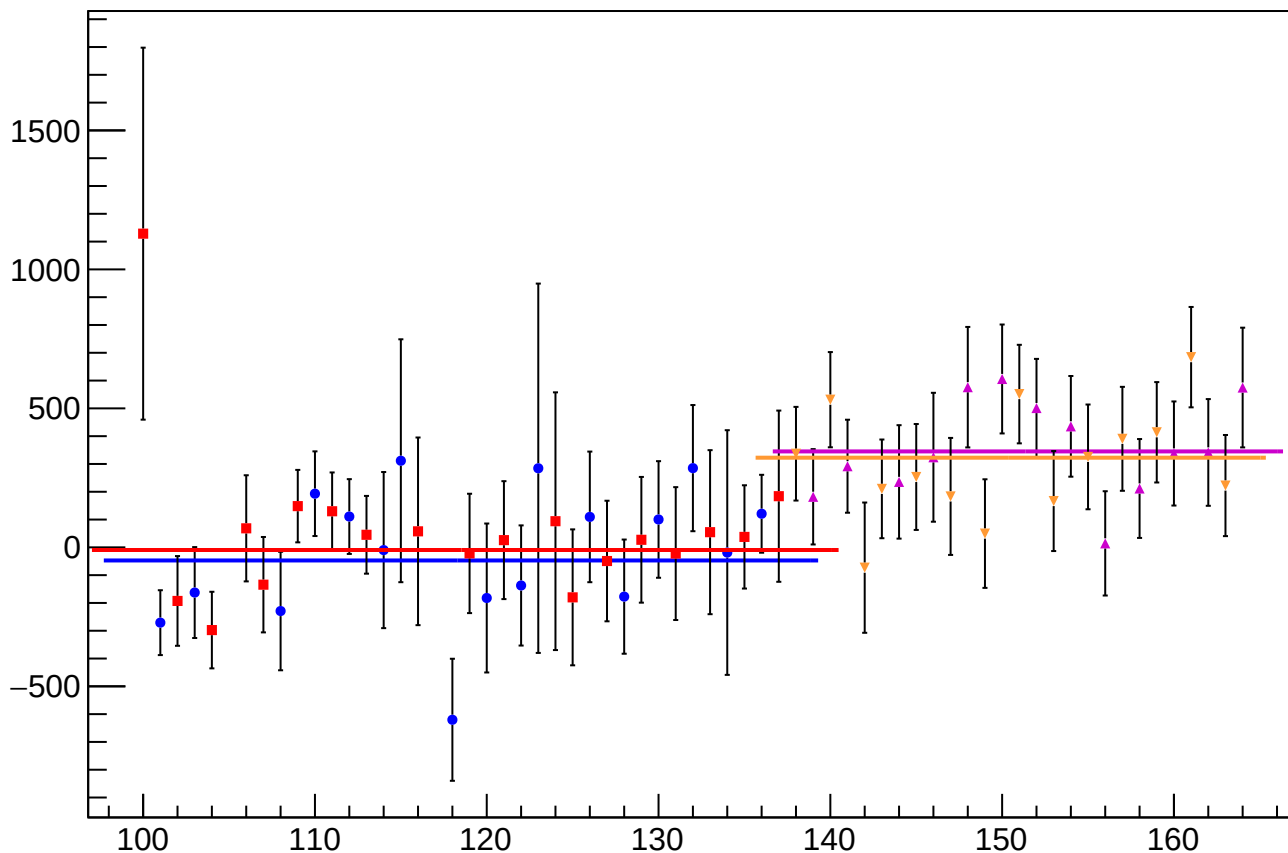
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 866.654+/-0.154 χ^2/NDF : 2425372.6/29

Out: 831.283+/-0.146 χ^2/NDF : 2797210.7/32

All: 848.006+/-0.106 χ^2/NDF : 5250364.6/62

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 322.551 $\pm$ 49.591 χ^2/NDF : 14.4/13

Right Out: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

Left In: 345.156 $\pm$ 52.751 χ^2/NDF : 10.0/12

Left: 333.156 $\pm$ 36.132 χ^2/NDF : 24.5/26

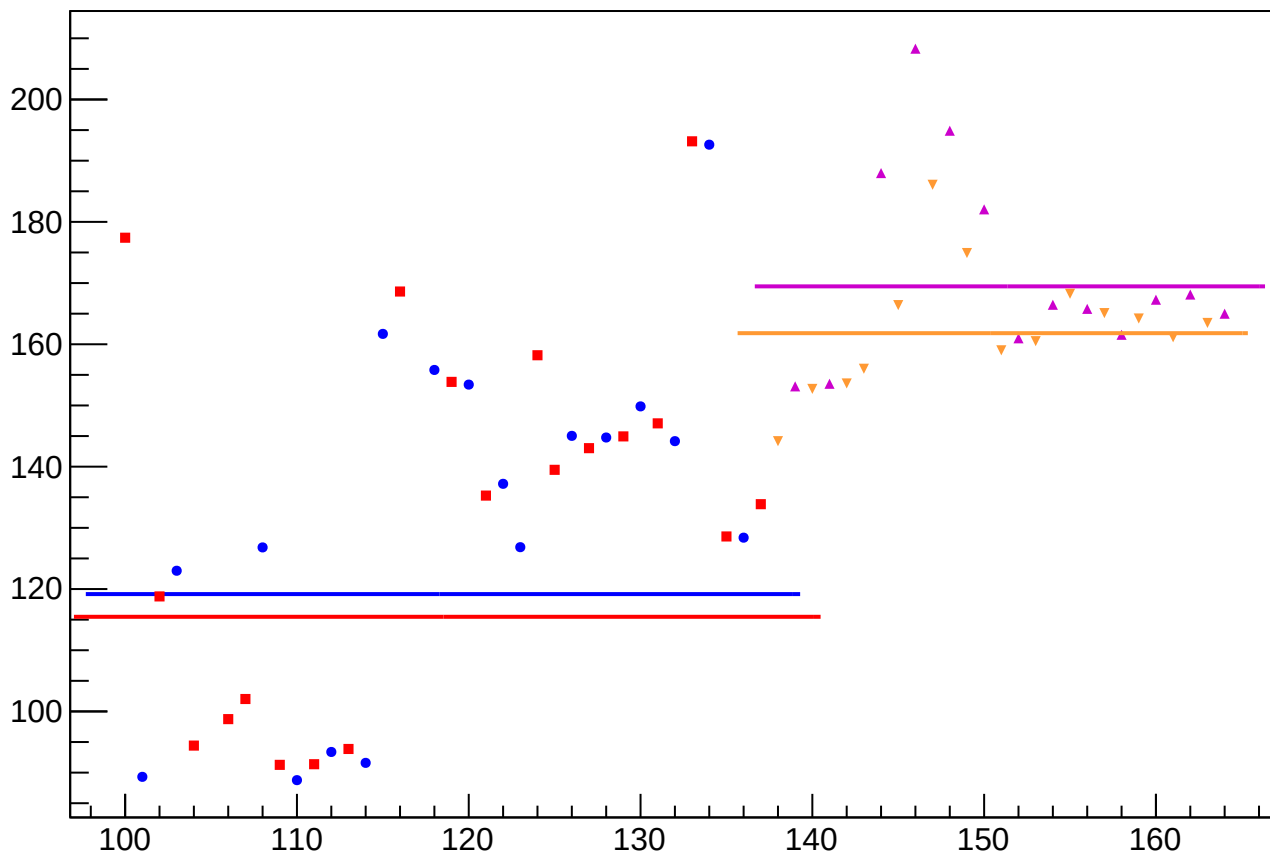
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 127.559 $\pm$ 35.203 χ^2/NDF : 62.6/29

Out: 139.524 $\pm$ 33.223 χ^2/NDF : 52.1/32

All: 133.887 $\pm$ 24.162 χ^2/NDF : 114.8/62

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 161.813 $\pm$ 0.035 χ^2 /NDF: 73018.4/13

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 169.463 $\pm$ 0.037 χ^2 /NDF: 155736.5/12

Left: 165.402 $\pm$ 0.026 χ^2 /NDF: 251079.1/26

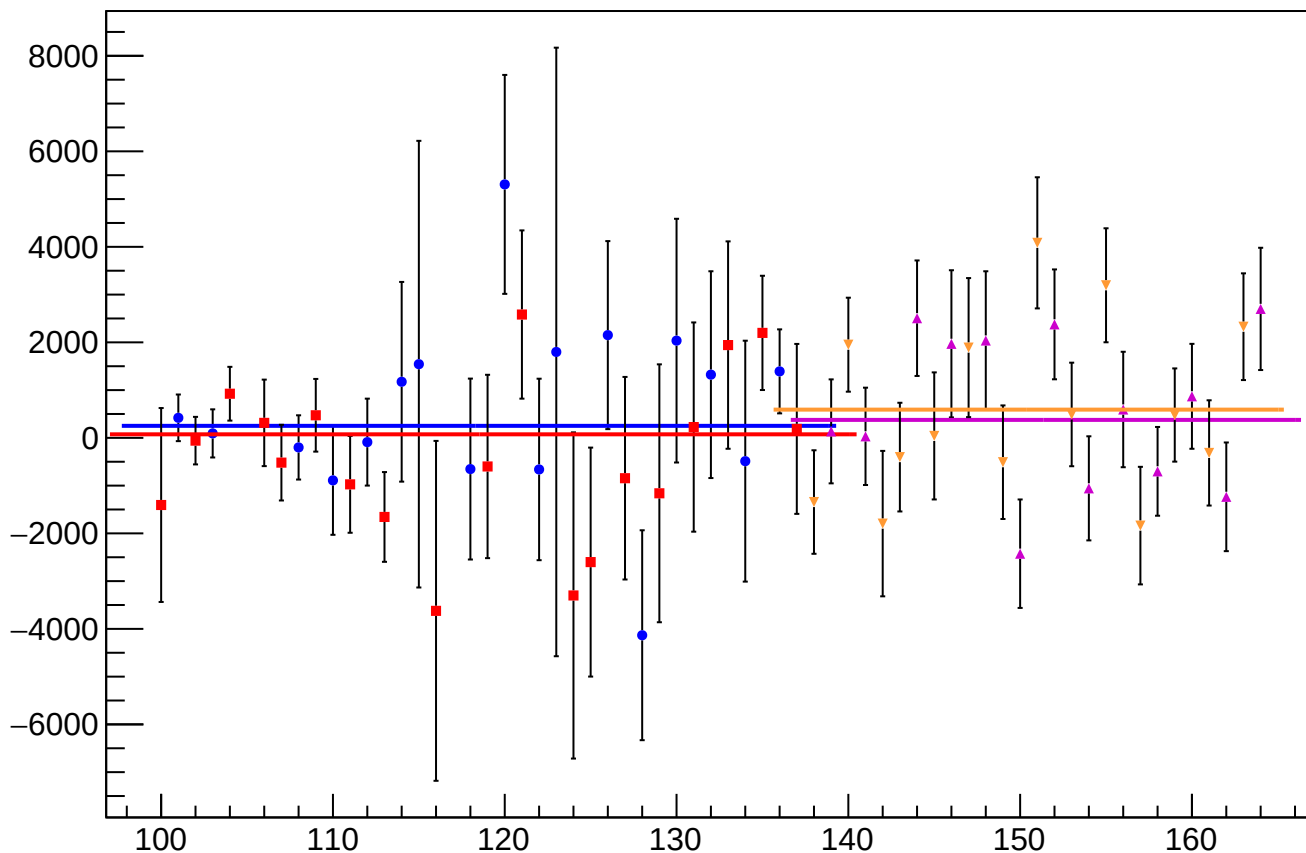
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 141.571 $\pm$ 0.025 χ^2 /NDF: 1779137.7/29

Out: 136.267 $\pm$ 0.023 χ^2 /NDF: 1728700.4/32

All: 138.765 $\pm$ 0.017 χ^2 /NDF: 3531847.3/62

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 591.256 $\pm$ 312.370 χ^2/NDF : 28.4/13

Right Out: 74.126 $\pm$ 243.967 χ^2/NDF : 18.0/18

Left In: 376.246 $\pm$ 319.226 χ^2/NDF : 23.4/12

Left: 486.085 $\pm$ 223.264 χ^2/NDF : 52.0/26

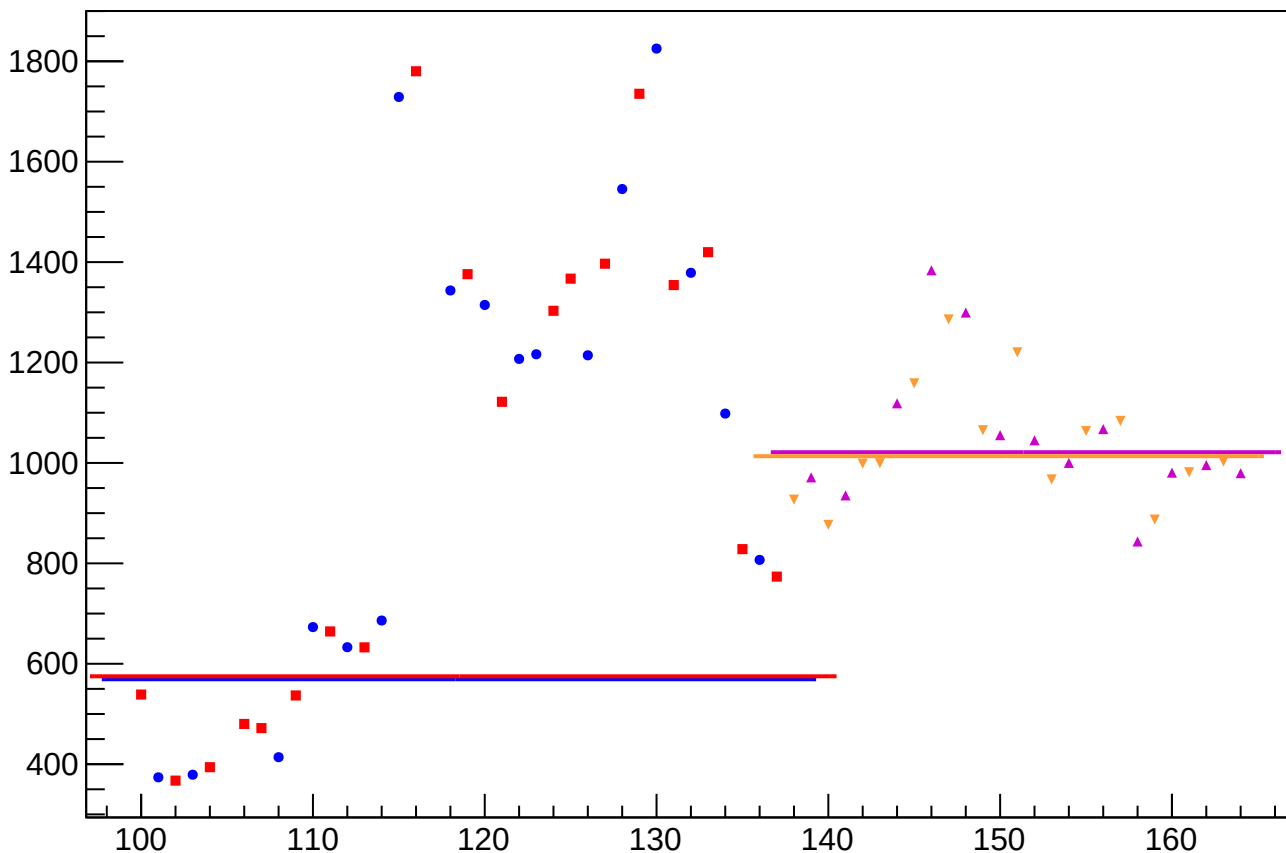
Right: 159.765 $\pm$ 175.557 χ^2/NDF : 33.1/35

In: 299.727 $\pm$ 198.192 χ^2/NDF : 38.3/29

Out: 270.055 $\pm$ 192.274 χ^2/NDF : 48.1/32

All: 284.442 $\pm$ 138.003 χ^2/NDF : 86.4/62

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1013.411 $\pm$ 0.221 χ^2 /NDF:243906.0/13

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1021.350 $\pm$ 0.226 χ^2 /NDF:301055.2/12

Left: 1017.294 $\pm$ 0.158 χ^2 /NDF: 545593.1/26

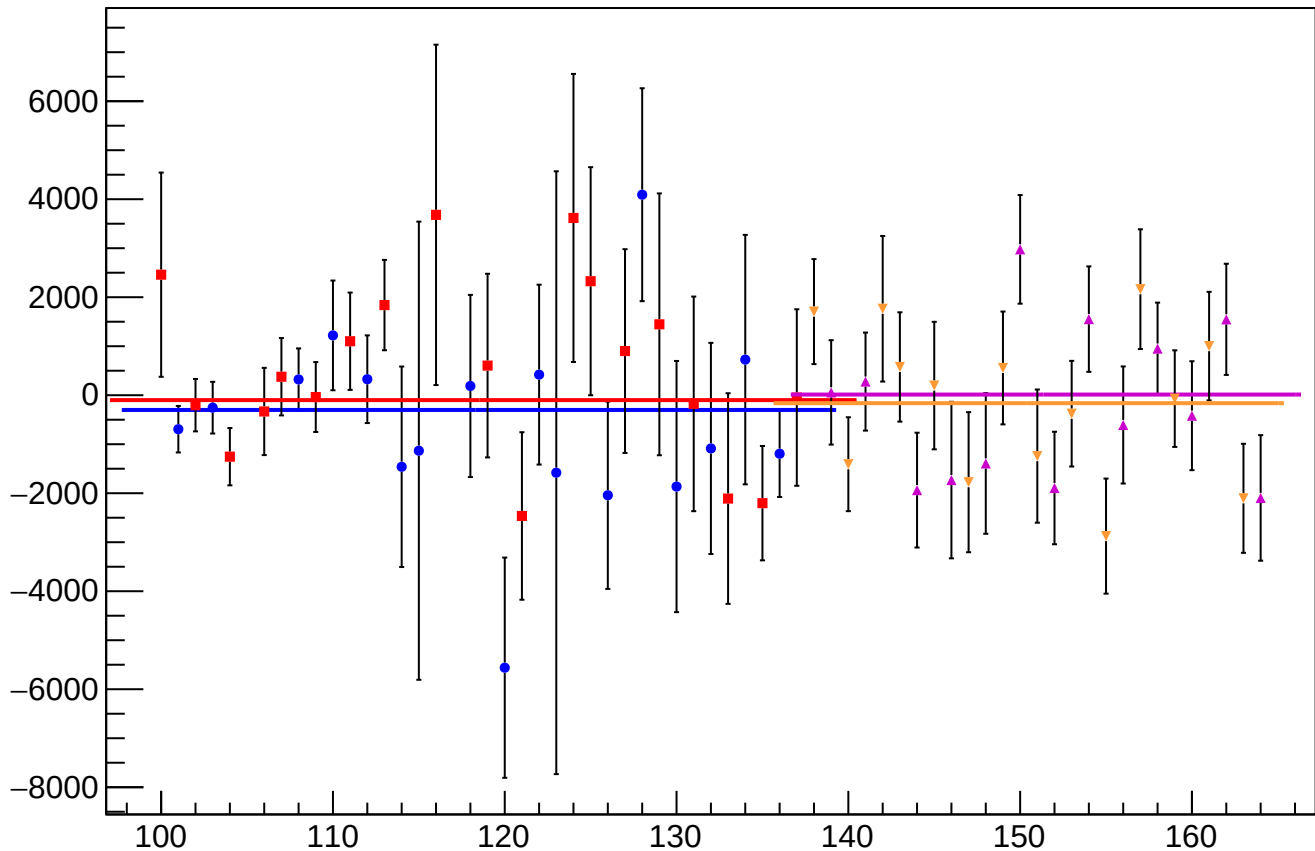
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 743.484 $\pm$ 0.140 χ^2 /NDF:6033862.3/29

Out: 741.136 $\pm$ 0.136 χ^2 /NDF:5749231.9/32

All: 742.275 $\pm$ 0.098 χ^2 /NDF: 11783238.8/62

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -162.300 ± 308.601 $\chi^2/\text{NDF}: 22.4/13$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: 13.399 ± 316.917 $\chi^2/\text{NDF}: 22.9/12$

Left: -76.786 ± 221.095 $\chi^2/\text{NDF}: 45.5/26$

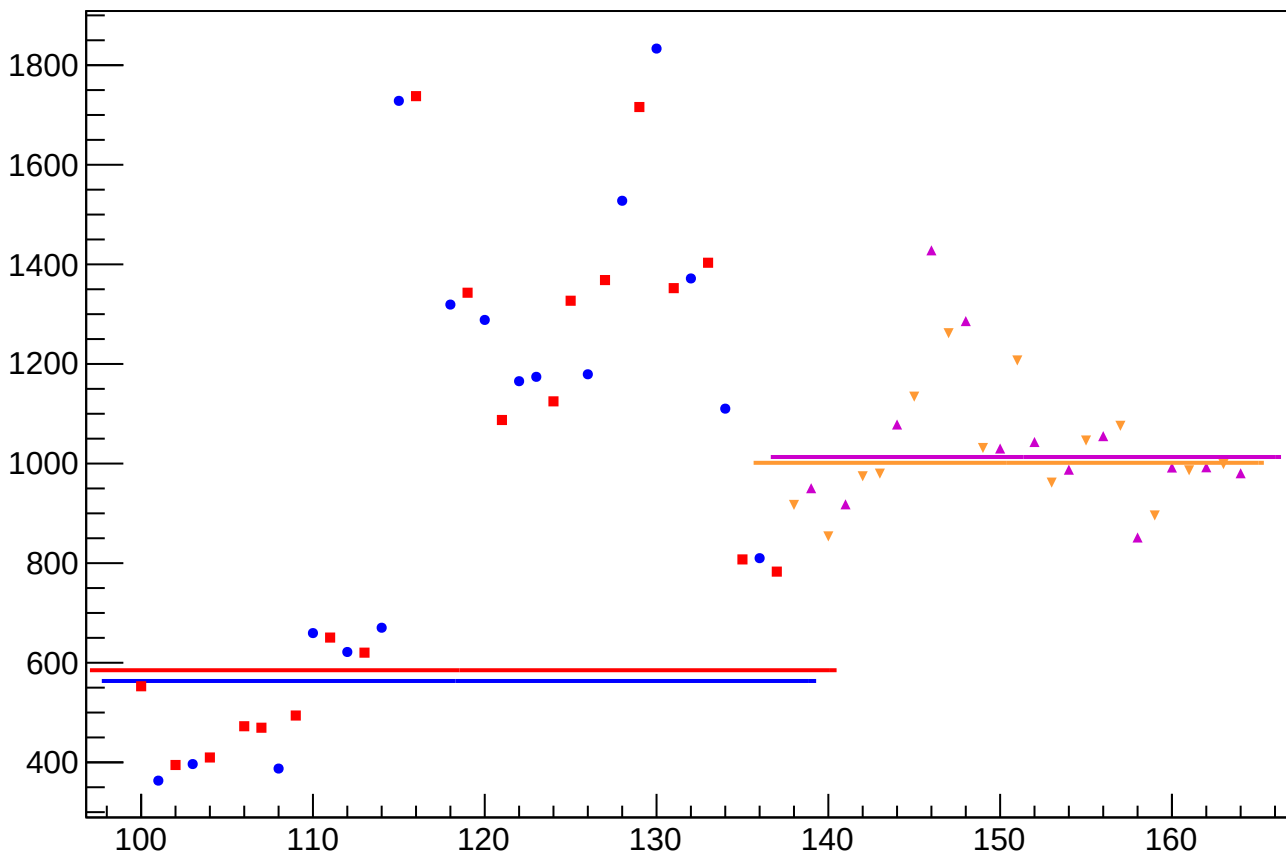
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -180.007 ± 196.426 $\chi^2/\text{NDF}: 40.2/29$

Out: -124.169 ± 192.342 $\chi^2/\text{NDF}: 44.8/32$

All: -151.502 ± 137.428 $\chi^2/\text{NDF}: 85.1/62$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1001.504+/-0.218 χ^2/NDF : 232061.8/13

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1013.181+/-0.224 χ^2/NDF : 306029.2/12

Left: 1007.187+/-0.156 χ^2/NDF : 539484.5/26

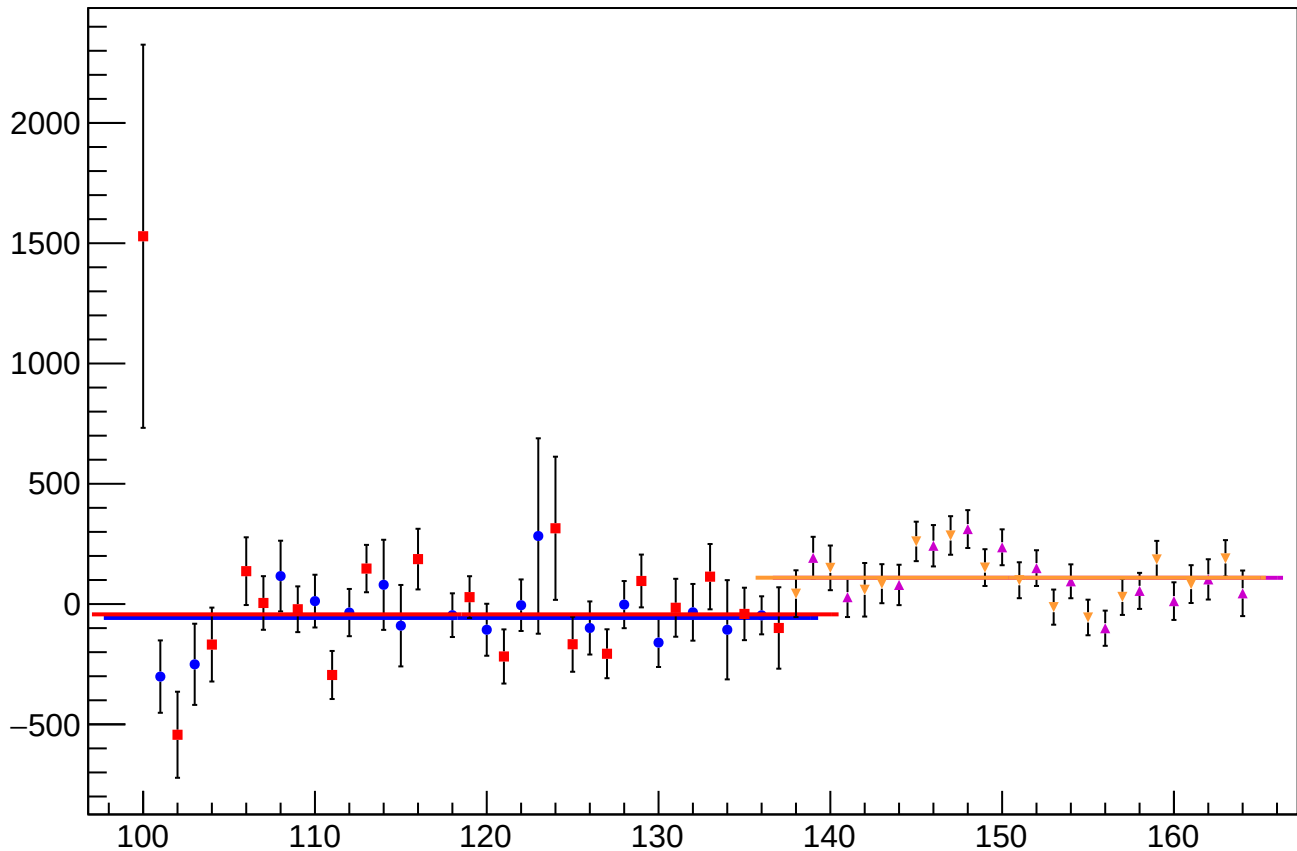
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 736.182+/-0.139 χ^2/NDF : 6046058.9/29

Out: 746.789+/-0.136 χ^2/NDF : 5278755.7/32

All: 741.597+/-0.097 χ^2/NDF : 11327791.6/62

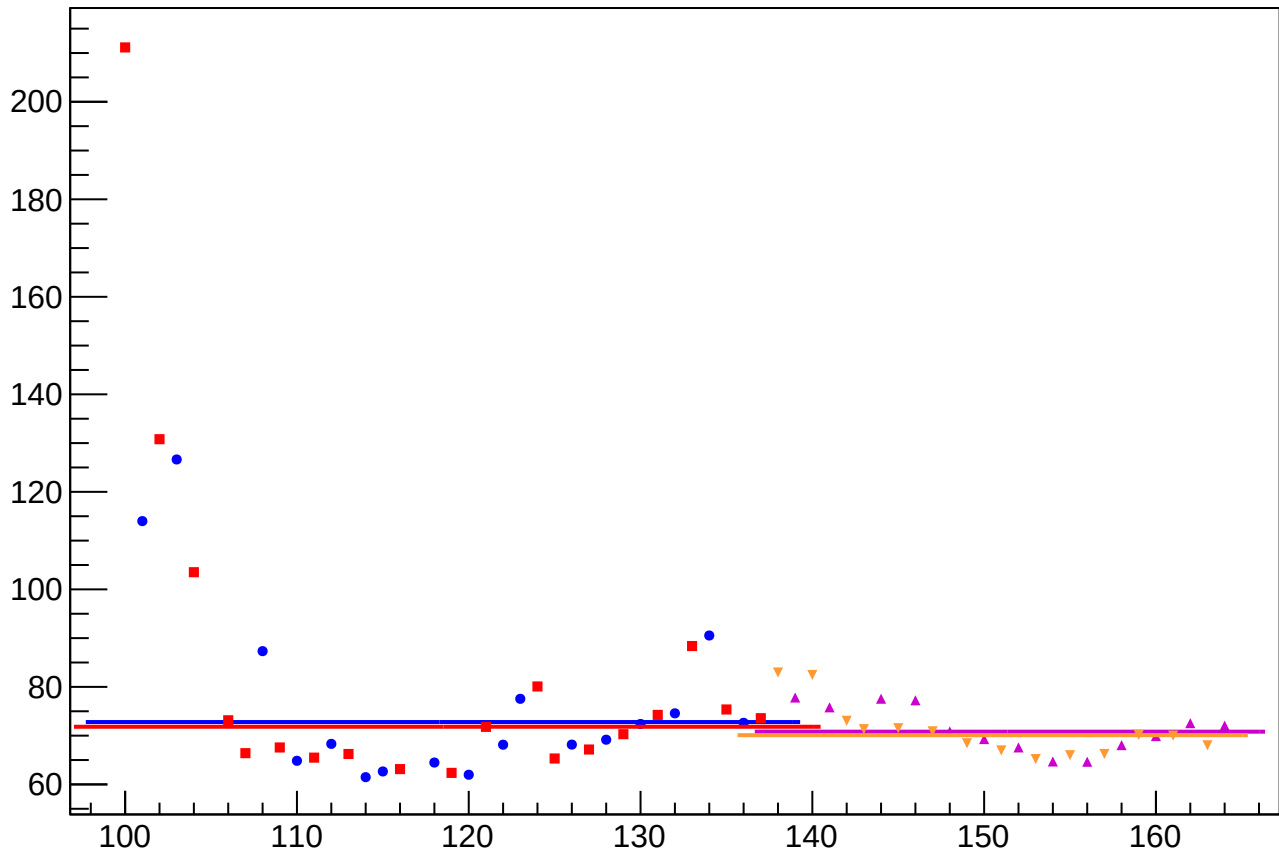
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16
Left Out: 109.591 ± 21.515 χ^2/NDF : 20.6/13
Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18
Left In: 109.142 ± 22.026 χ^2/NDF : 25.0/12

Left: 109.372 ± 15.391 χ^2/NDF : 45.6/26
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35
In: 47.277 ± 17.472 χ^2/NDF : 55.4/29
Out: 52.239 ± 16.990 χ^2/NDF : 78.5/32
All: 49.827 ± 12.181 χ^2/NDF : 134.0/62

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 70.094 ± 0.015 $\chi^2/\text{NDF}: 99418.5/13$

Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$

Left In: 70.815 ± 0.016 $\chi^2/\text{NDF}: 82425.3/12$

Left: 70.446 ± 0.011 $\chi^2/\text{NDF}: 182938.7/26$

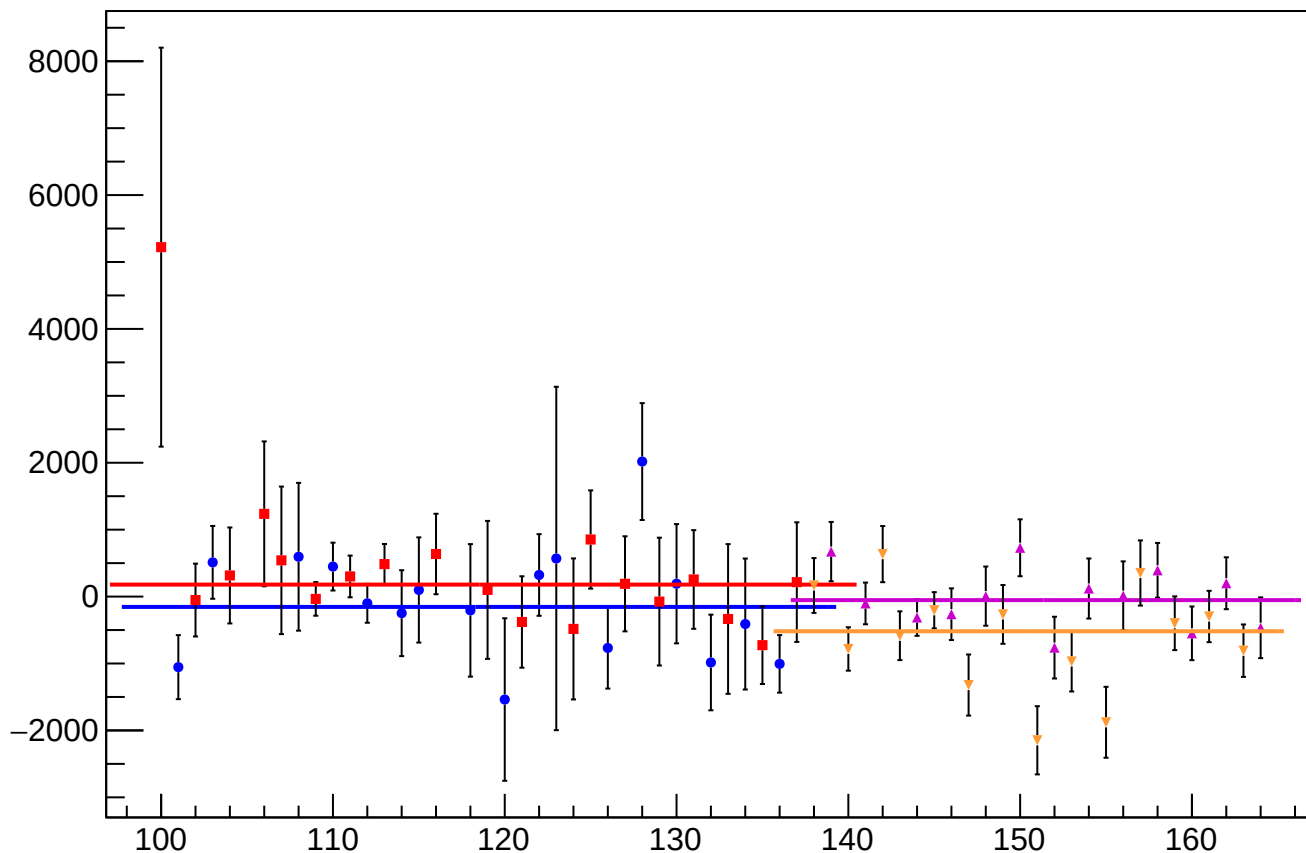
Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$

In: 71.547 ± 0.012 $\chi^2/\text{NDF}: 553161.9/29$

Out: 70.745 ± 0.012 $\chi^2/\text{NDF}: 569938.0/32$

All: 71.135 ± 0.009 $\chi^2/\text{NDF}: 1125264.7/62$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -518.039 ± 106.350 χ^2/NDF : 37.8/13

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: -53.020 ± 109.632 χ^2/NDF : 13.8/12

Left: -292.593 ± 76.335 χ^2/NDF : 60.9/26

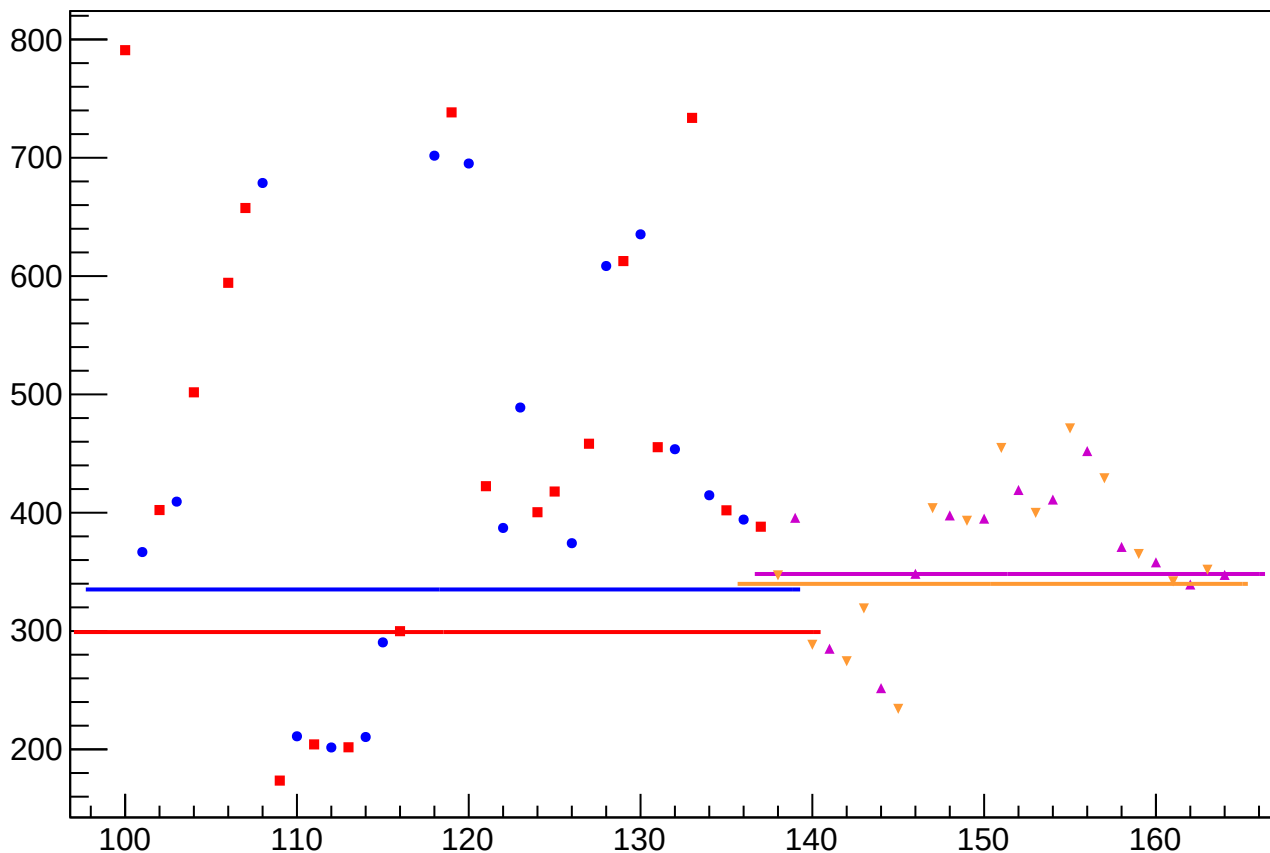
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -91.320 ± 86.479 χ^2/NDF : 37.3/29

Out: -228.310 ± 81.299 χ^2/NDF : 66.9/32

All: -164.040 ± 59.234 χ^2/NDF : 105.6/62

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 339.864+/-0.075 χ^2/NDF : 817032.0/13

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 348.215+/-0.078 χ^2/NDF : 579018.9/12

Left: 343.912+/-0.054 χ^2/NDF : 1402029.8/26

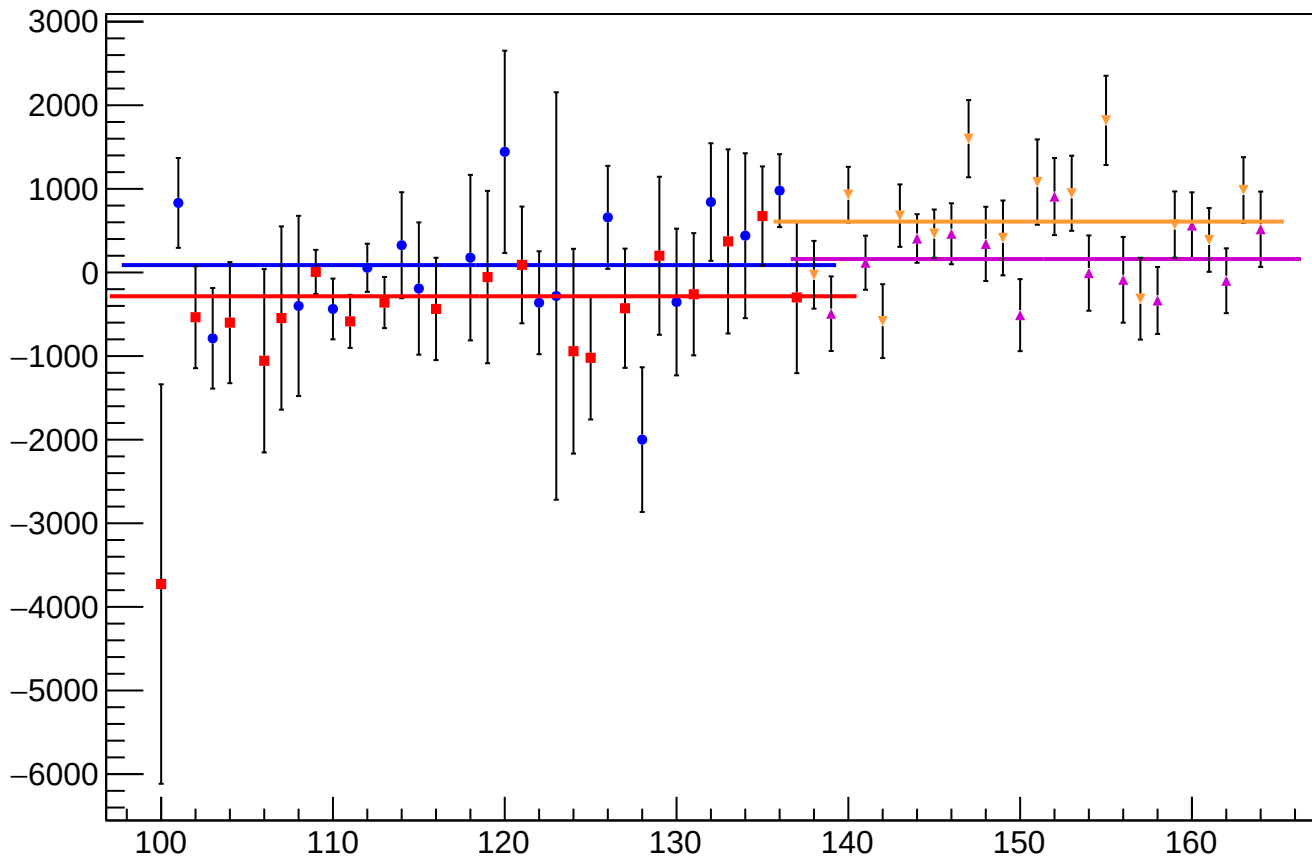
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 343.273+/-0.061 χ^2/NDF : 2583819.8/29

Out: 322.936+/-0.057 χ^2/NDF : 3770032.9/32

All: 332.477+/-0.042 χ^2/NDF : 6412568.4/62

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 608.544+/-108.242 χ^2/NDF : 27.1/13

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 160.761+/-110.458 χ^2/NDF : 12.8/12

Left: 389.189+/-77.310 χ^2/NDF : 48.3/26

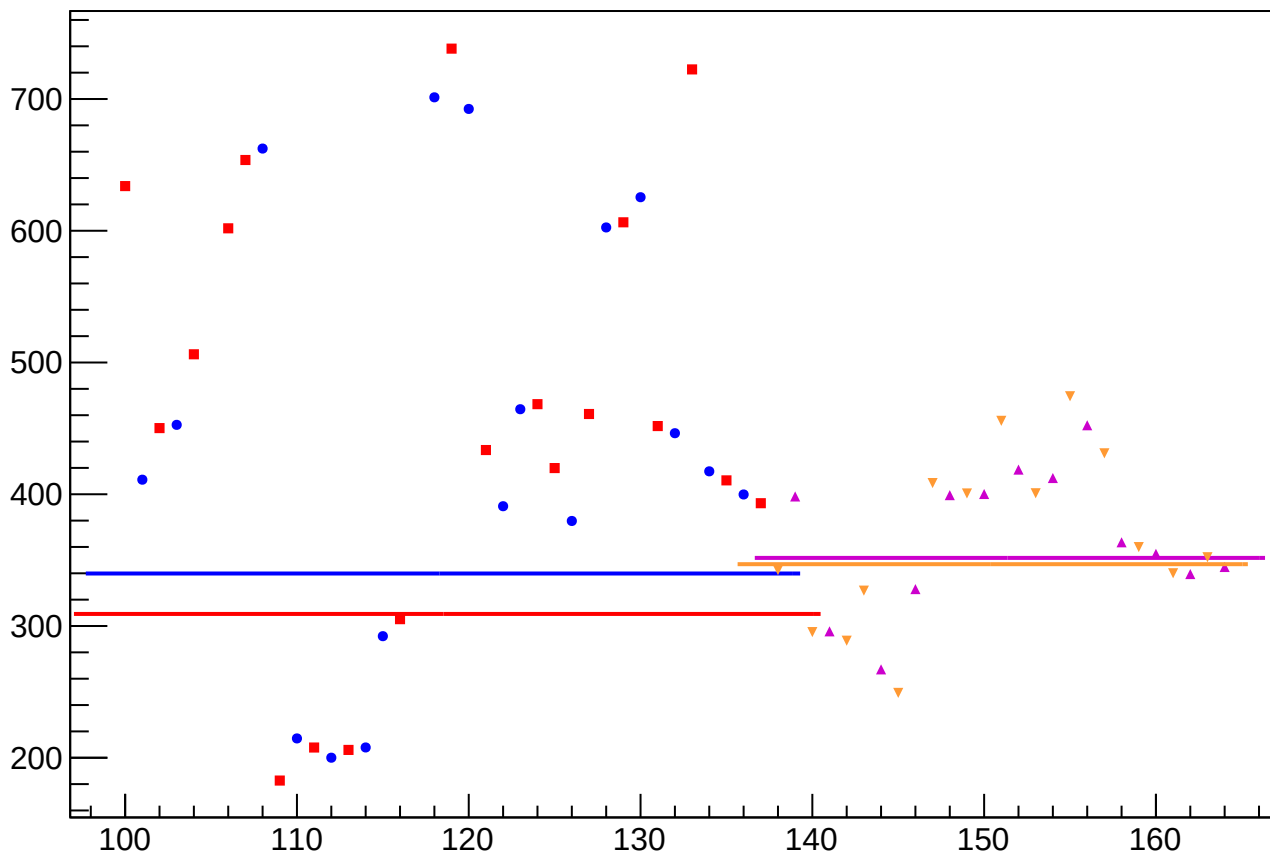
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 133.619+/-87.420 χ^2/NDF : 33.7/29

Out: 241.820+/-83.097 χ^2/NDF : 65.2/32

All: 190.461+/-60.229 χ^2/NDF : 99.8/62

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 346.922 $\pm$ 0.077 χ^2 /NDF: 678483.5/13

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 351.694 $\pm$ 0.078 χ^2 /NDF: 467310.3/12

Left: 349.260 $\pm$ 0.055 χ^2 /NDF: 1147698.0/26

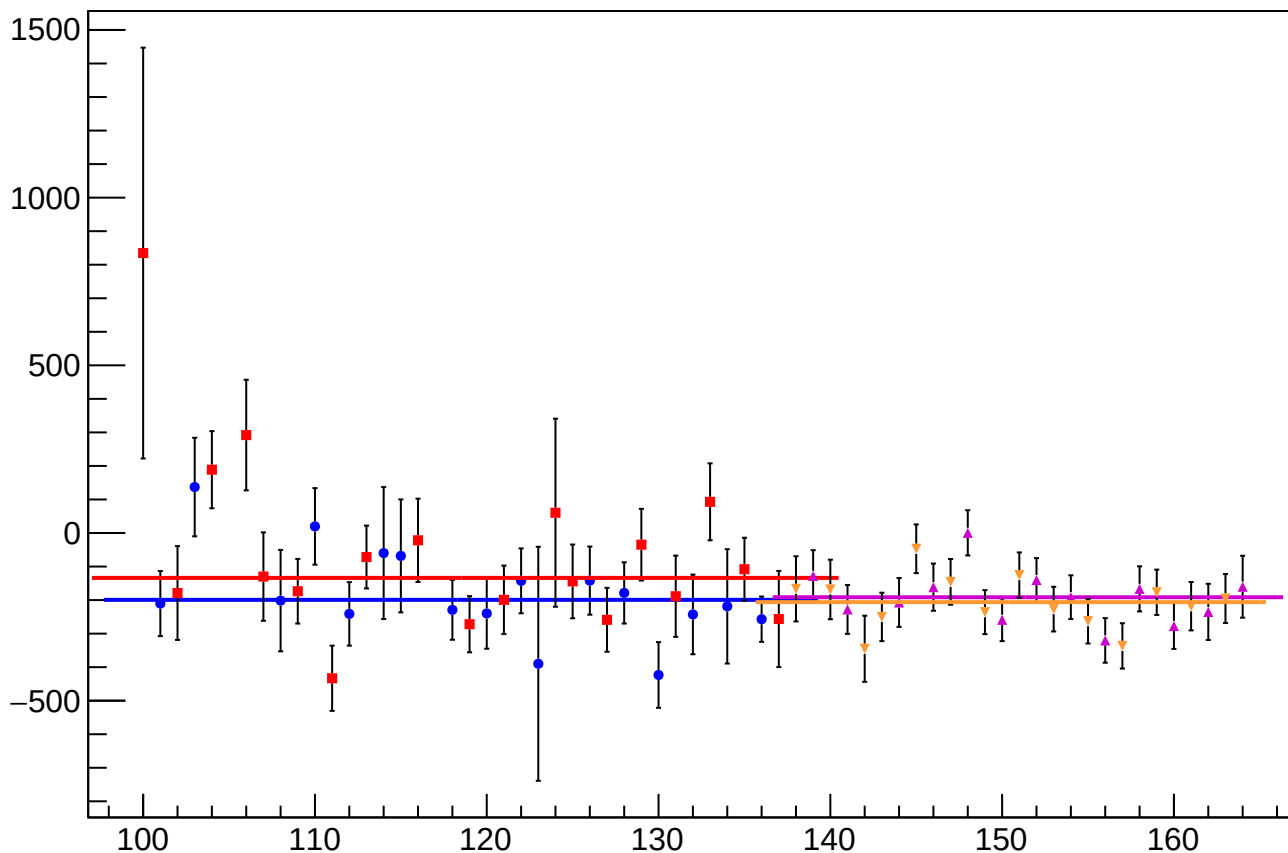
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 347.269 $\pm$ 0.062 χ^2 /NDF: 2519424.6/29

Out: 331.415 $\pm$ 0.059 χ^2 /NDF: 3514335.3/32

All: 338.940 $\pm$ 0.043 χ^2 /NDF: 6068315.1/62

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -206.039 $\pm$ 19.423 χ^2/NDF :14.7/13

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -191.502 $\pm$ 19.592 χ^2/NDF :16.8/12

Left: -198.833 $\pm$ 13.794 χ^2/NDF : 31.8/26

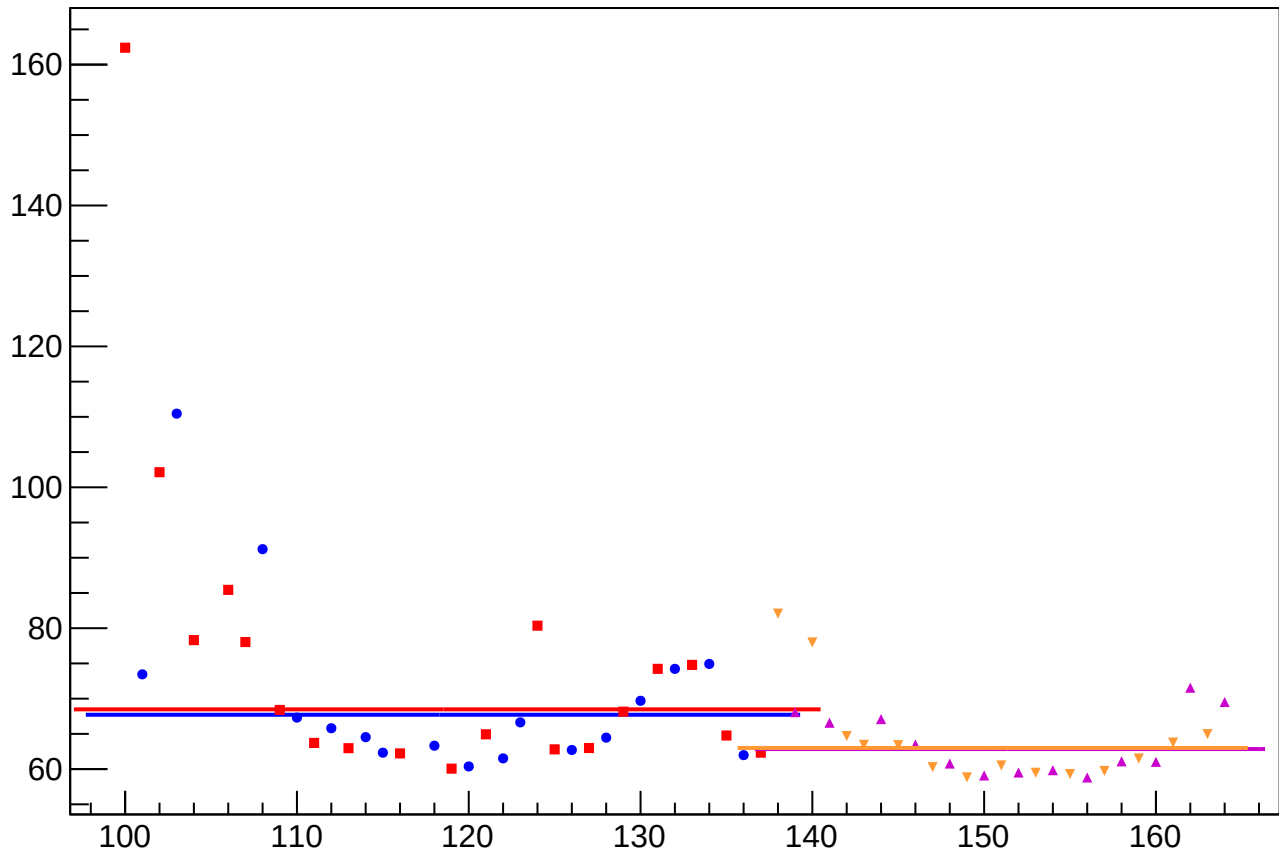
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -194.239 $\pm$ 15.757 χ^2/NDF :34.5/29

Out: -180.469 $\pm$ 15.609 χ^2/NDF :58.8/32

All: -187.289 $\pm$ 11.089 χ^2/NDF : 93.6/62

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715+/-0.019 χ^2/NDF : 282892.5/16

Left Out: 63.004+/-0.014 χ^2/NDF : 167786.4/13

Right Out: 68.481+/-0.019 χ^2/NDF : 281423.4/18

Left In: 62.846+/-0.014 χ^2/NDF : 81919.5/12

Left: 62.925+/-0.010 χ^2/NDF : 249771.6/26

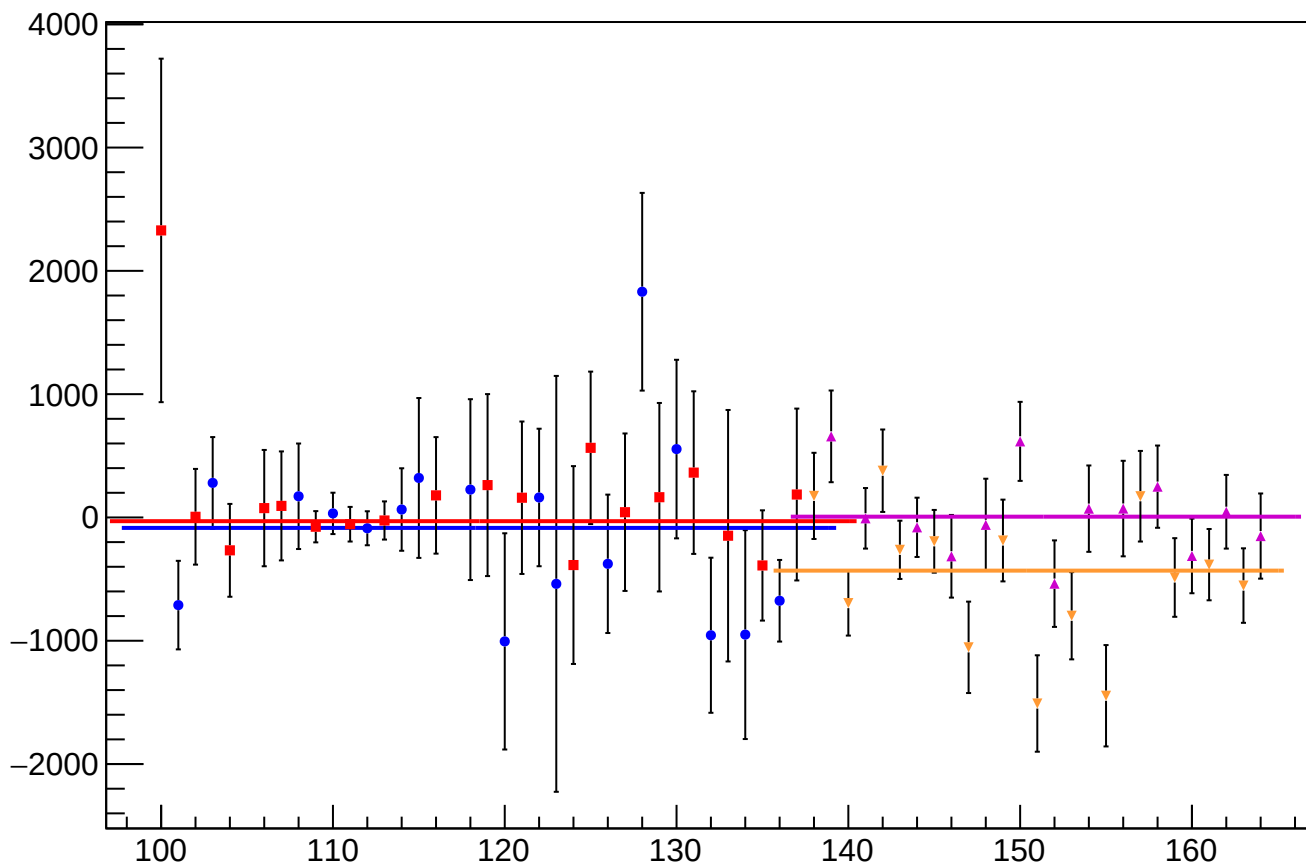
Right: 68.102+/-0.013 χ^2/NDF : 565158.7/35

In: 64.565+/-0.011 χ^2/NDF : 408449.2/29

Out: 64.944+/-0.011 χ^2/NDF : 505538.5/32

All: 64.756+/-0.008 χ^2/NDF : 914569.2/62

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -431.233 ± 83.951 χ^2/NDF : 32.3/13

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 6.330 ± 87.930 χ^2/NDF : 12.1/12

Left: -222.575 ± 60.720 χ^2/NDF : 57.4/26

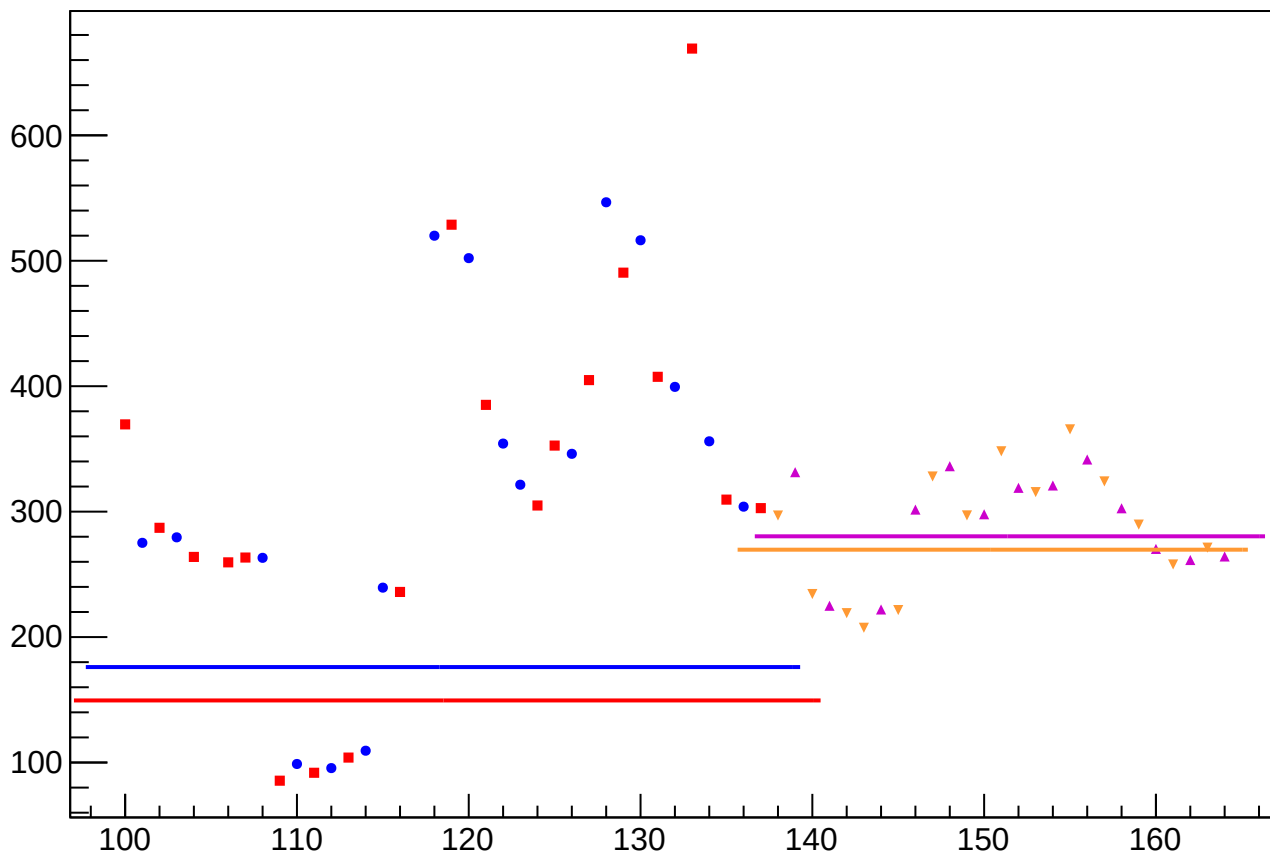
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -42.022 ± 60.229 χ^2/NDF : 32.6/29

Out: -193.745 ± 53.609 χ^2/NDF : 52.1/32

All: -126.676 ± 40.044 χ^2/NDF : 88.2/62

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 269.668 $\pm$ 0.059 χ^2 /NDF: 645729.7/13

Right Out: 149.484 $\pm$ 0.049 χ^2 /NDF: 4820971.0/18

Left In: 280.333 $\pm$ 0.062 χ^2 /NDF: 440437.5/12

Left: 274.754 $\pm$ 0.043 χ^2 /NDF: 1101556.8/26

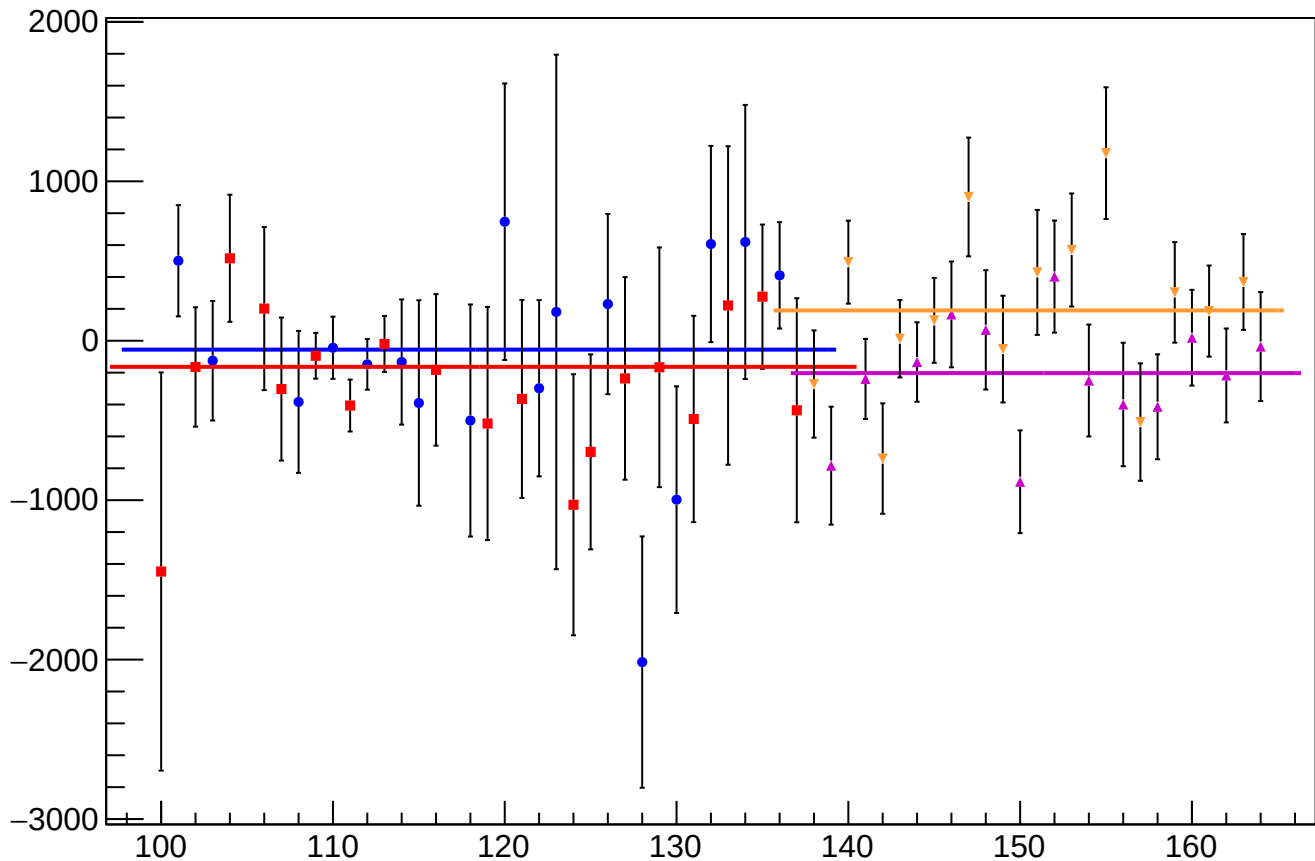
Right: 160.534 $\pm$ 0.038 χ^2 /NDF: 9165825.3/35

In: 225.002 $\pm$ 0.043 χ^2 /NDF: 6155986.9/29

Out: 198.493 $\pm$ 0.038 χ^2 /NDF: 7894174.6/32

All: 210.211 $\pm$ 0.028 χ^2 /NDF: 14266339.7/62

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 190.201+/-84.463 χ^2/NDF : 26.5/13

Right Out: -163.564+/-76.926 χ^2/NDF : 11.4/18

Left In: -202.998+/-88.236 χ^2/NDF : 13.2/12

Left: 2.188+/-61.014 χ^2/NDF : 50.1/26

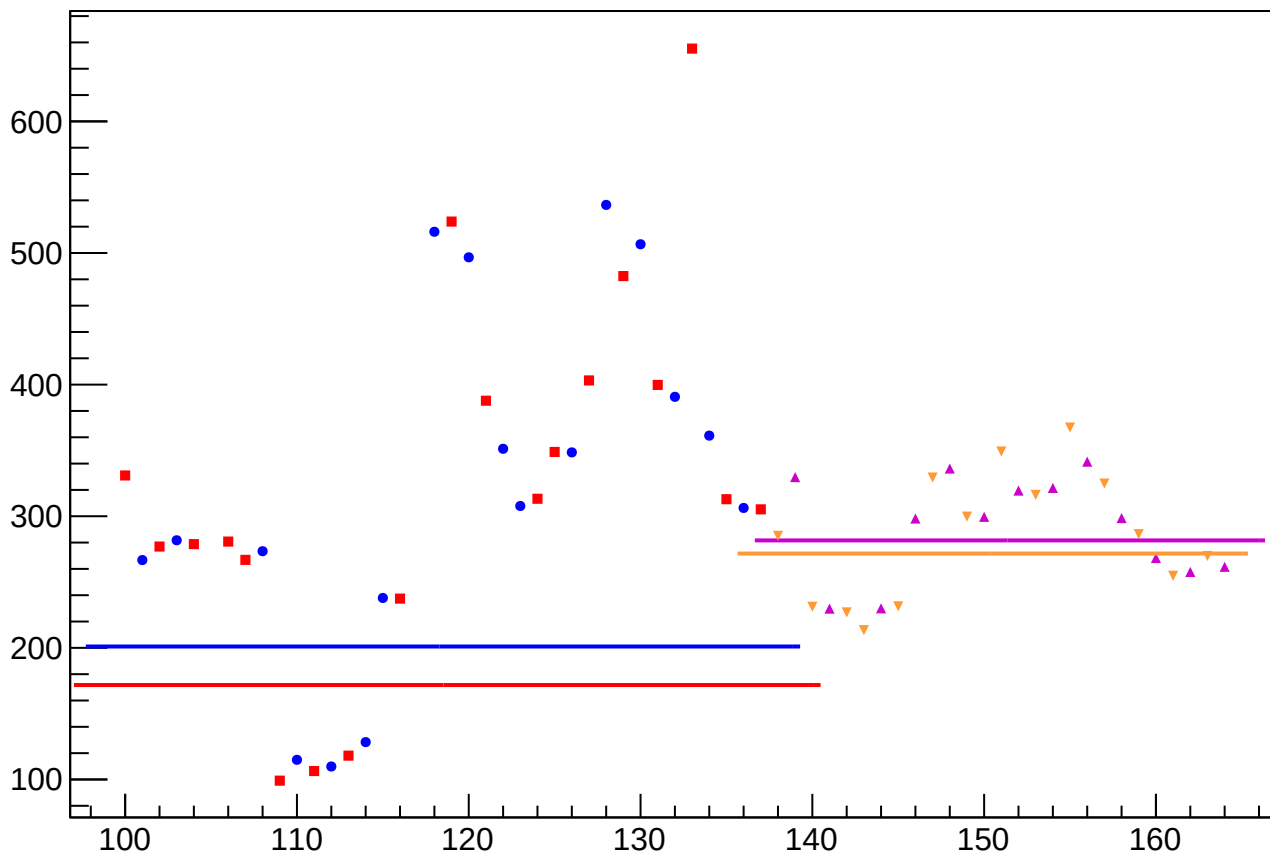
Right: -118.372+/-58.632 χ^2/NDF : 29.4/35

In: -131.285+/-63.202 χ^2/NDF : 31.7/29

Out: -3.167+/-56.873 χ^2/NDF : 47.5/32

All: -60.492+/-42.276 χ^2/NDF : 81.5/62

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.654+/-0.060 χ^2/NDF : 577296.0/13

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 281.643+/-0.062 χ^2/NDF : 384929.8/12

Left: 276.430+/-0.043 χ^2/NDF : 975602.1/26

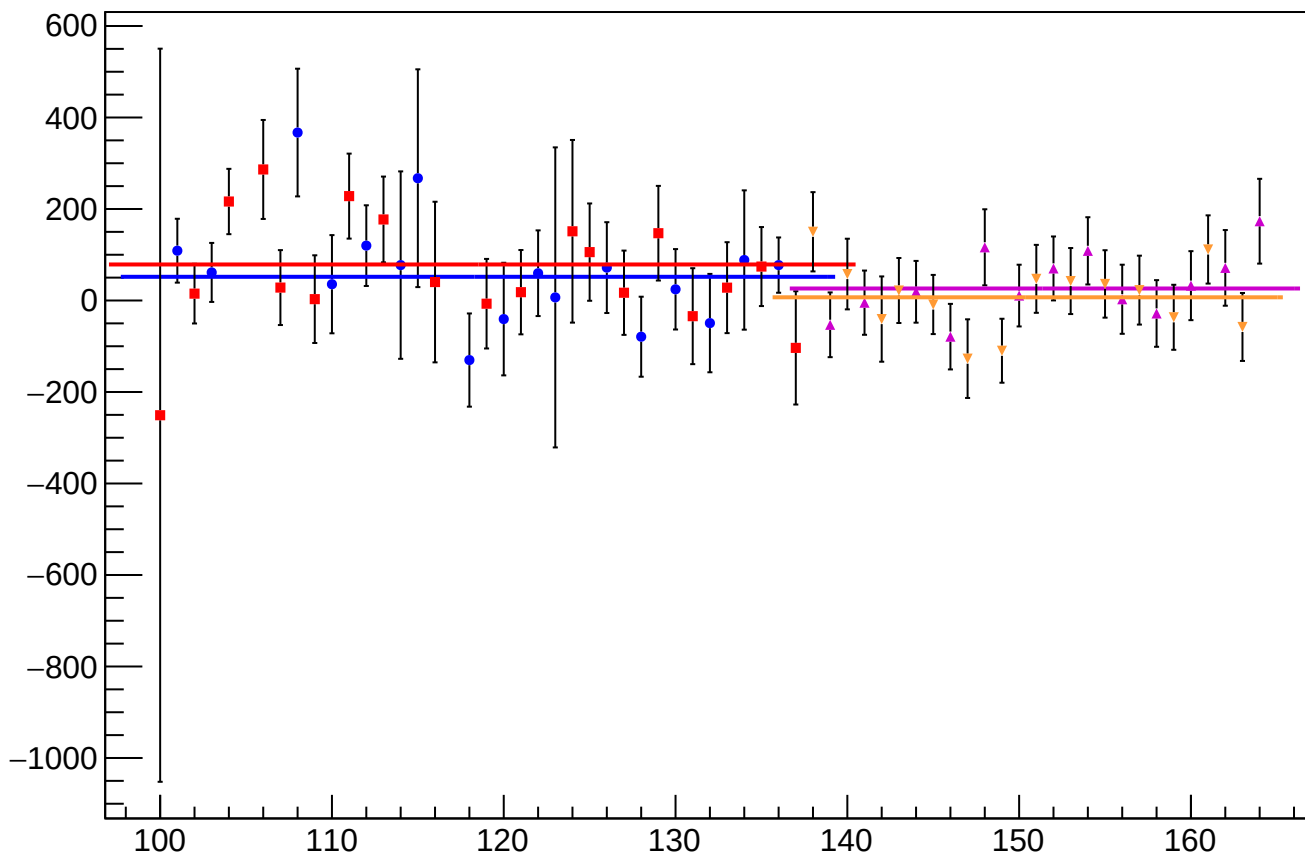
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 242.393+/-0.045 χ^2/NDF : 4630696.0/29

Out: 217.055+/-0.040 χ^2/NDF : 6204480.9/32

All: 228.392+/-0.030 χ^2/NDF : 11012796.5/62

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 6.973 $\pm$ 20.056 χ^2 /NDF:12.6/13

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 26.238 $\pm$ 20.525 χ^2 /NDF:10.0/12

Left: 16.383 $\pm$ 14.344 χ^2 /NDF: 23.0/26

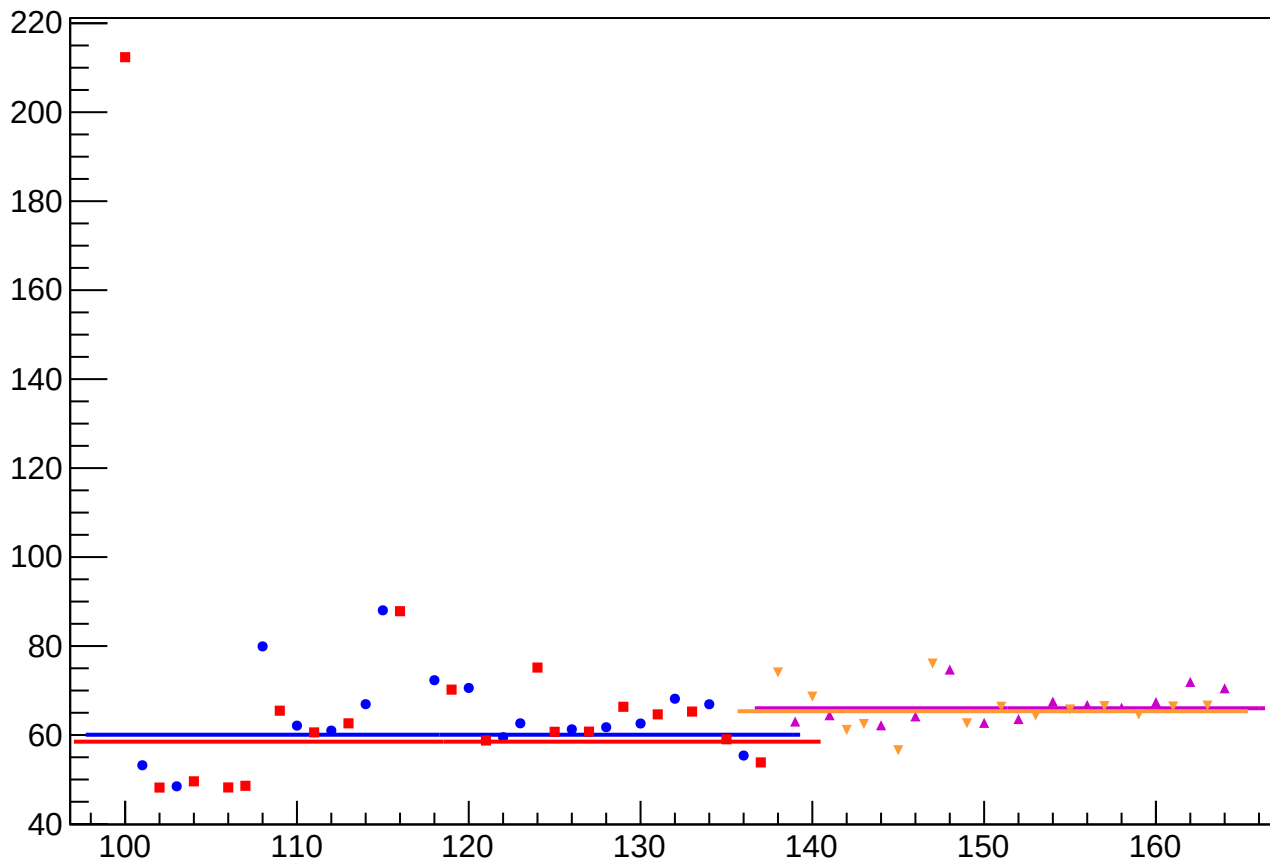
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 37.279 $\pm$ 15.469 χ^2 /NDF:25.2/29

Out: 38.767 $\pm$ 14.968 χ^2 /NDF:37.4/32

All: 38.047 $\pm$ 10.757 χ^2 /NDF: 62.6/62

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: 65.350 $\pm$ 0.014 χ^2/NDF : 104620.8/13

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 66.016 $\pm$ 0.015 χ^2/NDF : 57925.7/12

Left: 65.675 $\pm$ 0.010 χ^2/NDF : 163625.1/26

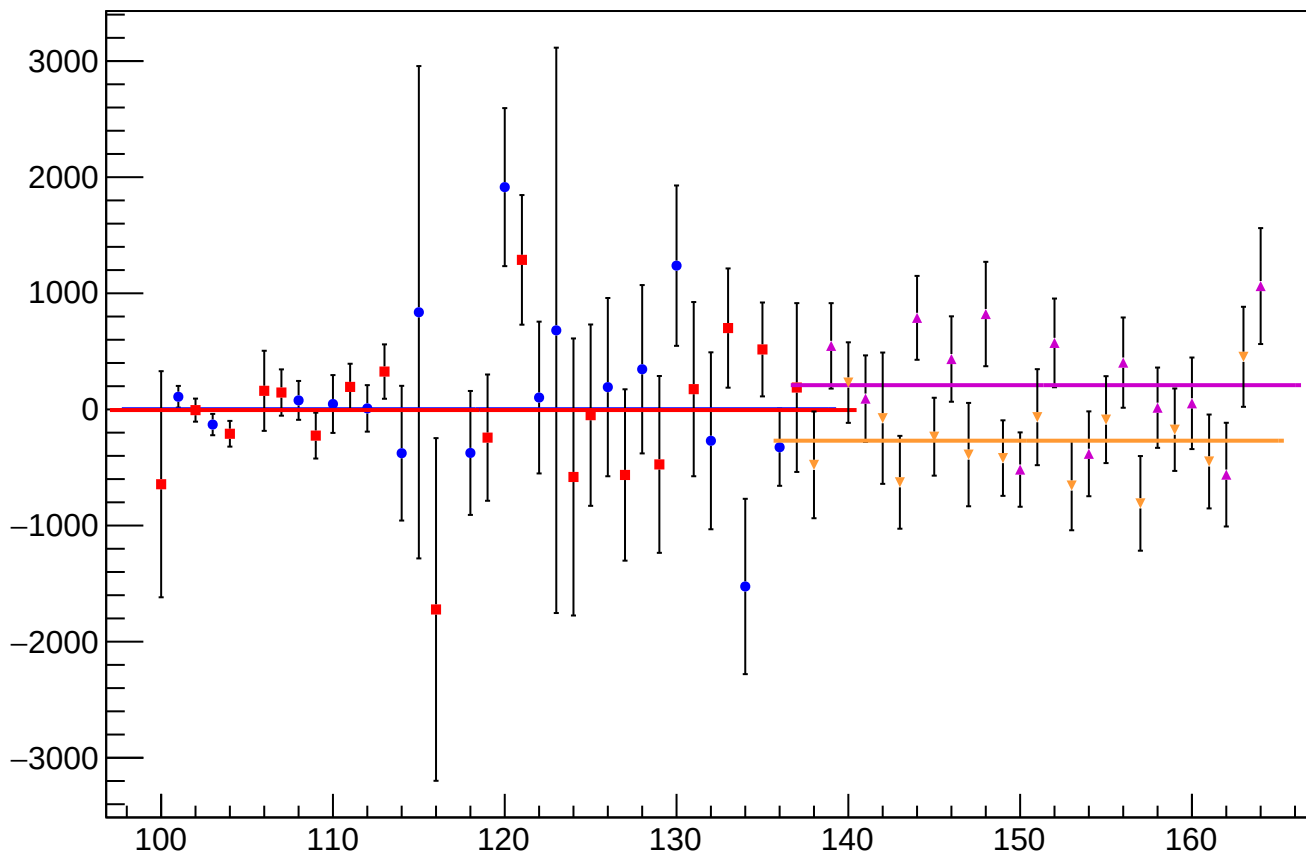
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 63.446 $\pm$ 0.011 χ^2/NDF : 359647.2/29

Out: 62.319 $\pm$ 0.011 χ^2/NDF : 556539.9/32

All: 62.864 $\pm$ 0.008 χ^2/NDF : 921665.6/62

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -269.287+/-104.818 χ^2/NDF : 9.8/13

Right Out: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 208.918+/-105.916 χ^2/NDF : 21.0/12

Left: -32.677+/-74.503 χ^2/NDF : 41.2/26

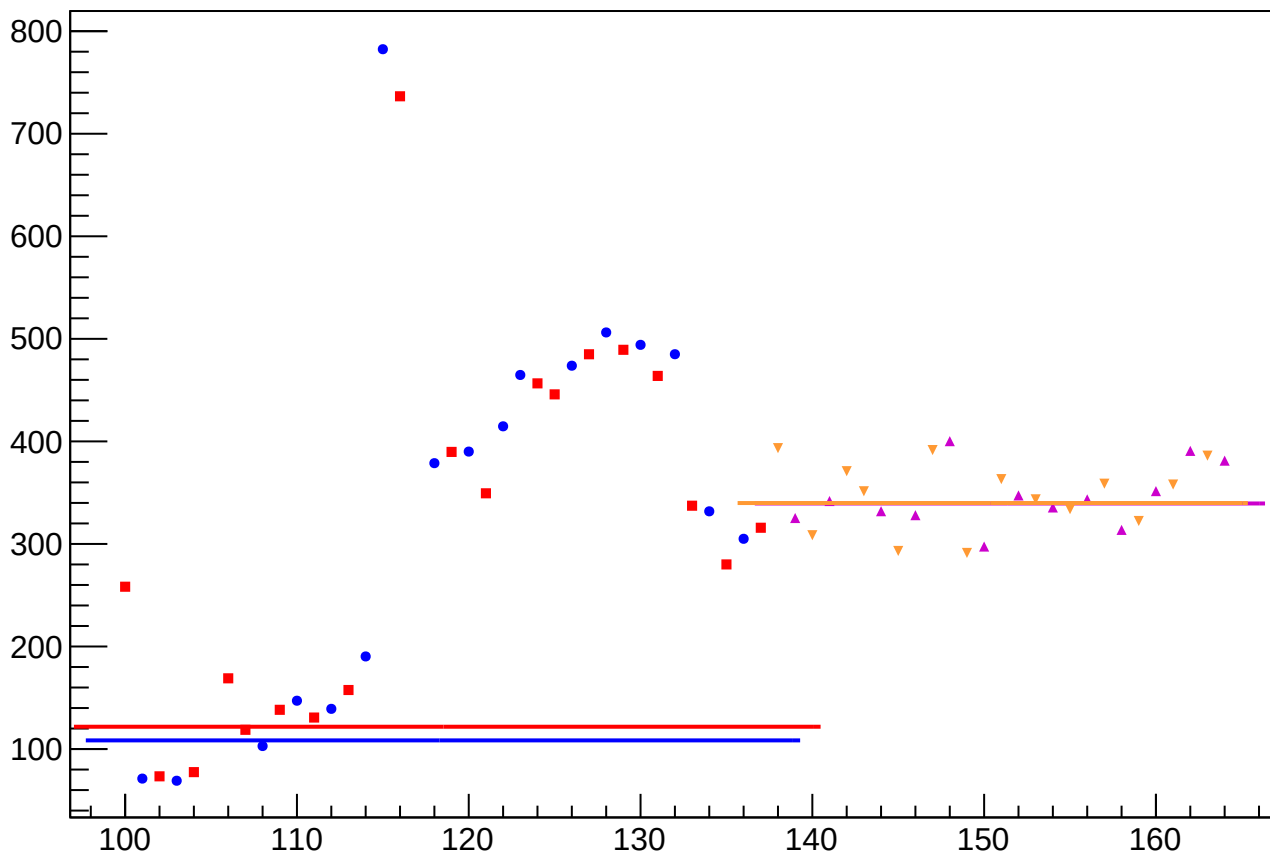
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 44.713+/-48.309 χ^2/NDF : 45.5/29

Out: -64.839+/-49.746 χ^2/NDF : 35.4/32

All: -8.458+/-34.656 χ^2/NDF : 83.4/62

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 339.886+/-0.074 χ^2/NDF : 204897.7/13

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 339.466+/-0.075 χ^2/NDF : 131402.4/12

Left: 339.678+/-0.053 χ^2/NDF : 336316.0/26

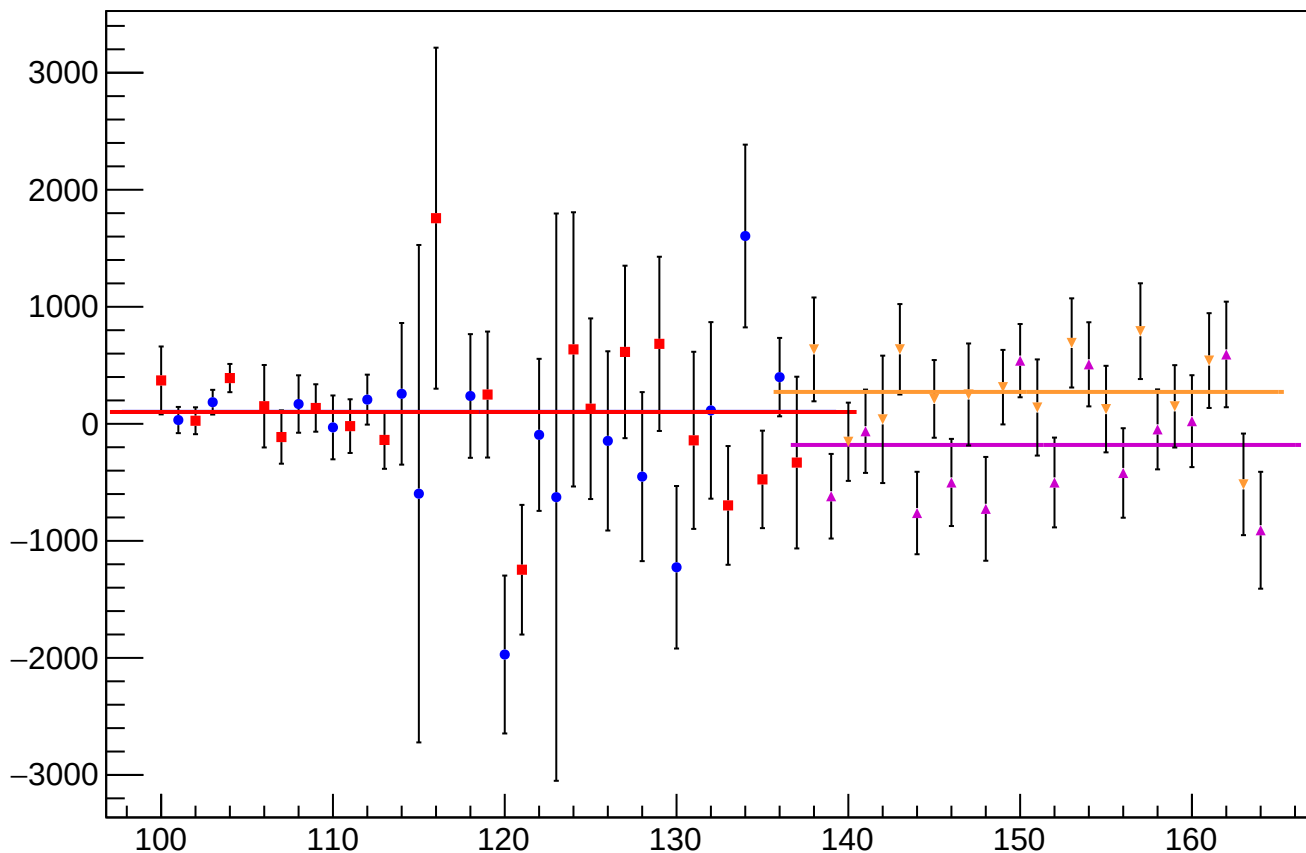
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 156.504+/-0.034 χ^2/NDF : 13071055.8/29

Out: 170.894+/-0.035 χ^2/NDF : 11685938.1/32

All: 163.488+/-0.025 χ^2/NDF : 24843117.2/62

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2/NDF : 20.3/16

Left Out: 272.645 $\pm$ 103.200 χ^2/NDF :10.4/13

Right Out: 101.249 $\pm$ 60.846 χ^2/NDF : 22.6/18

Left In: -180.404 $\pm$ 104.559 χ^2/NDF :22.1/12

Left: 49.084 $\pm$ 73.449 χ^2/NDF : 42.0/26

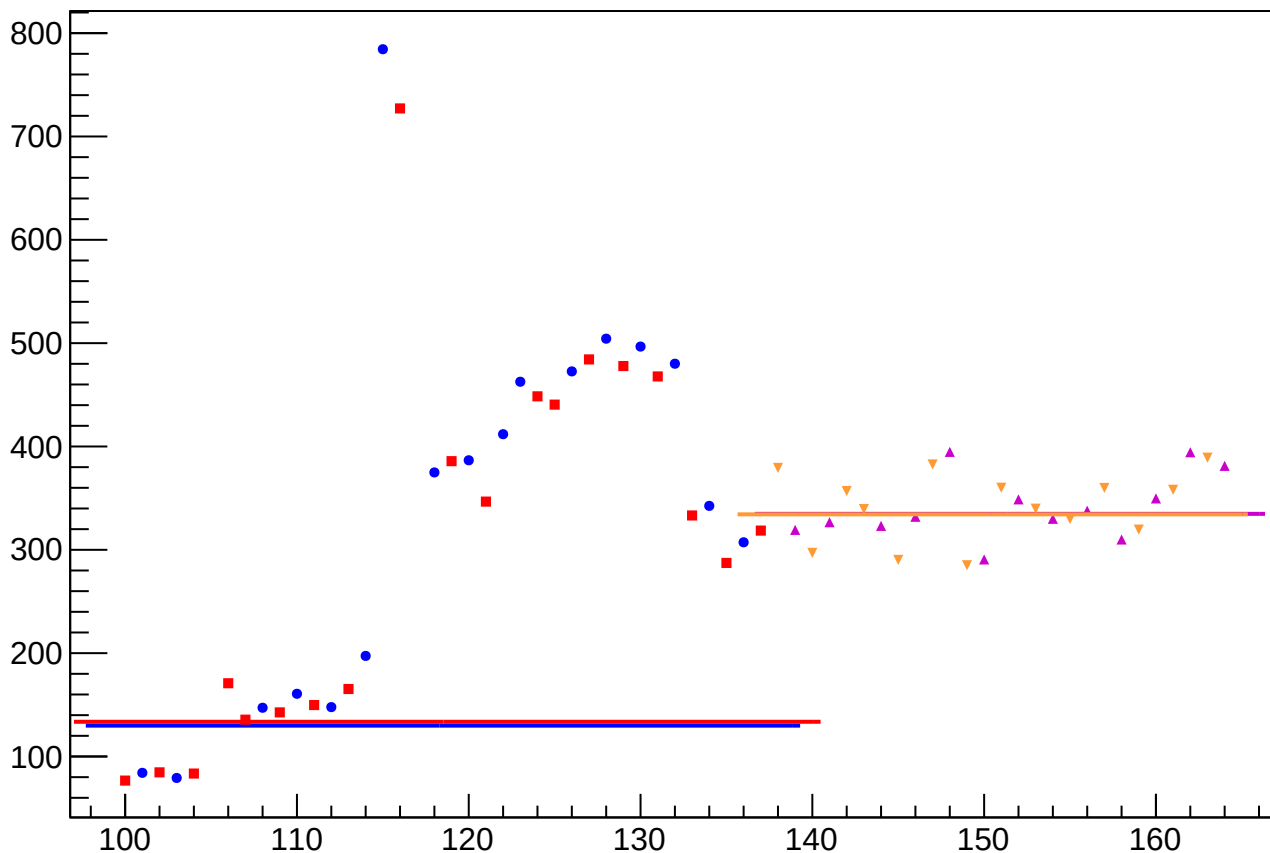
Right: 101.717 $\pm$ 43.809 χ^2/NDF : 42.9/35

In: 26.721 $\pm$ 54.042 χ^2/NDF :47.7/29

Out: 145.460 $\pm$ 52.414 χ^2/NDF :35.1/32

All: 87.906 $\pm$ 37.625 χ^2/NDF : 85.3/62

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 334.332 $\pm$ 0.073 χ^2 /NDF: 215637.7/13

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 334.816 $\pm$ 0.074 χ^2 /NDF: 152143.1/12

Left: 334.571 $\pm$ 0.052 χ^2 /NDF: 367802.5/26

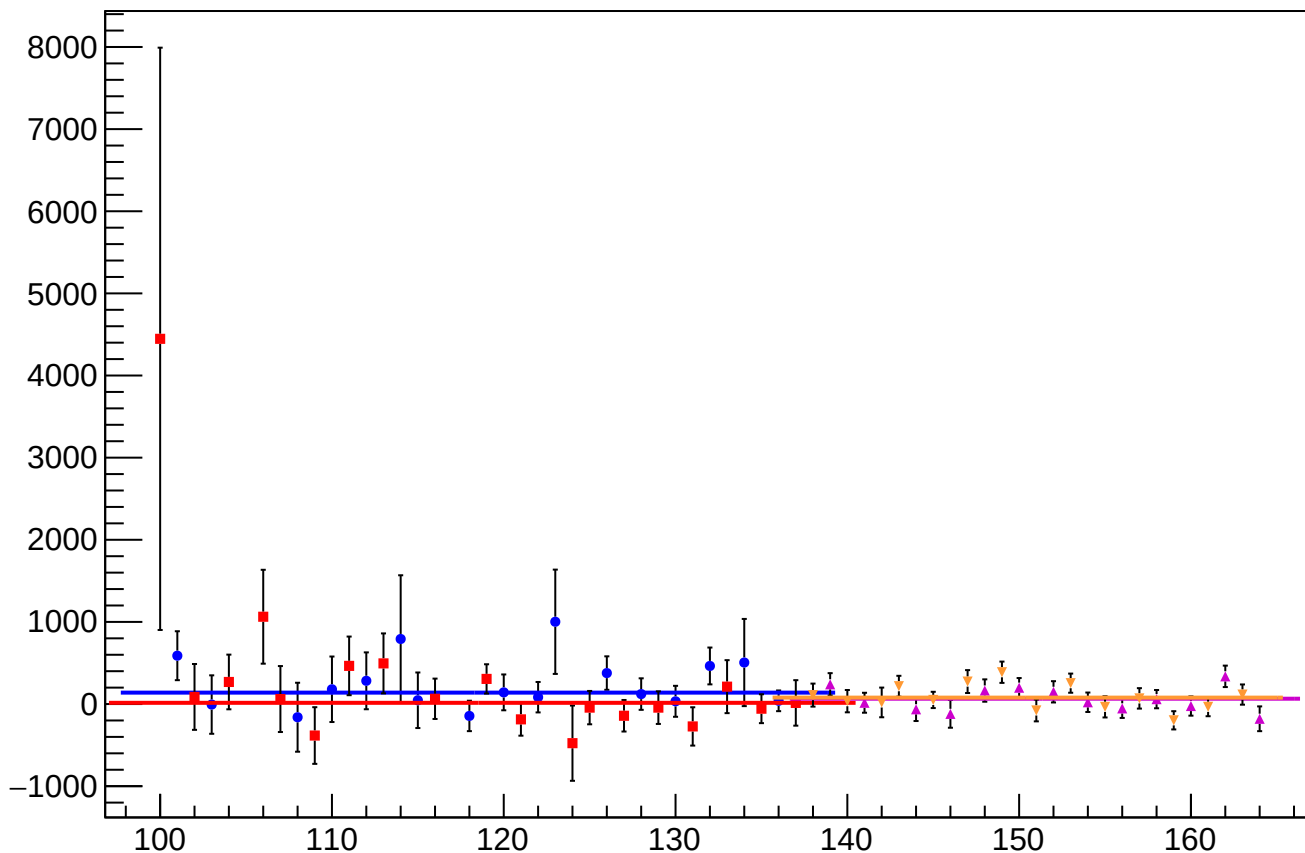
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 184.629 $\pm$ 0.038 χ^2 /NDF: 10612253.4/29

Out: 185.382 $\pm$ 0.037 χ^2 /NDF: 10193636.4/32

All: 185.017 $\pm$ 0.027 χ^2 /NDF: 20806089.7/62

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: 78.220 $\pm$ 33.532 χ^2 /NDF:20.9/13

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 64.948 $\pm$ 35.496 χ^2 /NDF:14.8/12

Left: 71.961 $\pm$ 24.375 χ^2 /NDF: 35.7/26

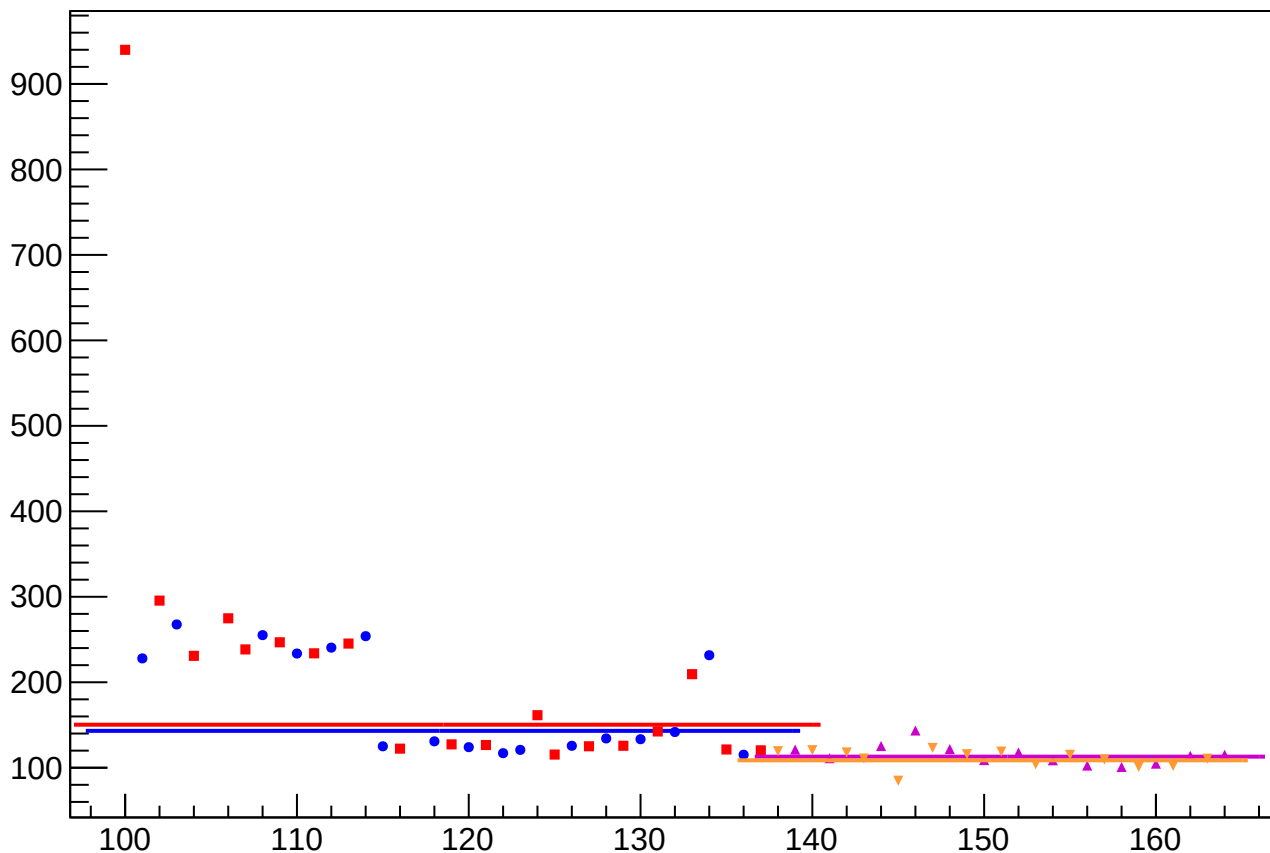
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 85.161 $\pm$ 30.273 χ^2 /NDF:29.1/29

Out: 63.198 $\pm$ 29.285 χ^2 /NDF:39.7/32

All: 73.815 $\pm$ 21.048 χ^2 /NDF: 69.0/62

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: 108.672 $\pm$ 0.024 χ^2 /NDF:213860.8/13

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 112.972 $\pm$ 0.025 χ^2 /NDF:155126.8/12

Left: 110.700 $\pm$ 0.017 χ^2 /NDF: 384494.3/26

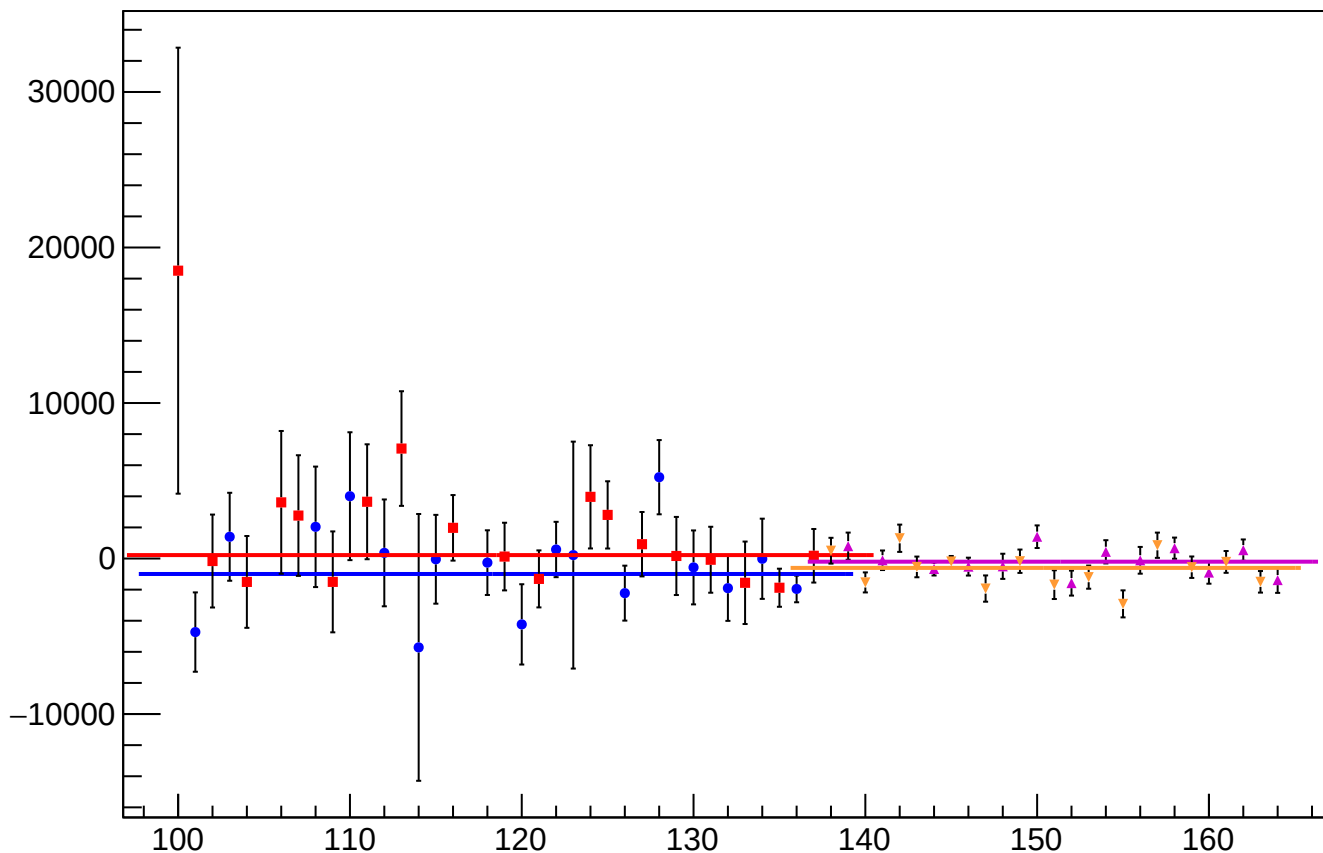
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 121.196 $\pm$ 0.021 χ^2 /NDF:1650222.7/29

Out: 118.558 $\pm$ 0.021 χ^2 /NDF:2378552.3/32

All: 119.833 $\pm$ 0.015 χ^2 /NDF: 4036616.1/62

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -602.565+/-180.656 χ^2/NDF : 27.1/13

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -202.742+/-187.898 χ^2/NDF : 17.4/12

Left: -410.507+/-130.228 χ^2/NDF : 46.8/26

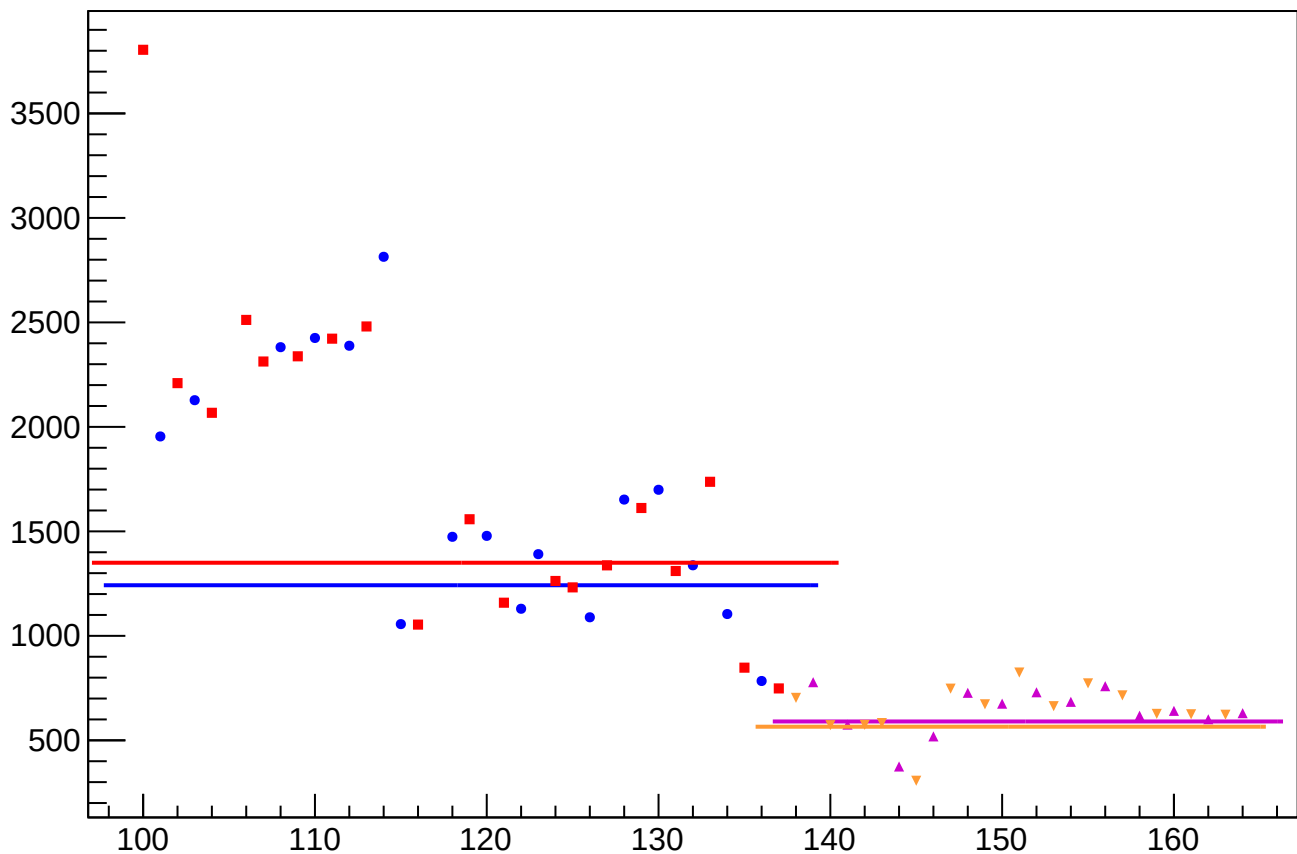
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -295.207+/-176.575 χ^2/NDF : 36.4/29

Out: -520.572+/-171.431 χ^2/NDF : 44.3/32

All: -411.220+/-122.998 χ^2/NDF : 81.5/62

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 565.154+/-0.128 χ^2/NDF : 1679681.2/13

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 590.260+/-0.133 χ^2/NDF : 922122.9/12

Left: 577.214+/-0.092 χ^2/NDF : 2620359.1/26

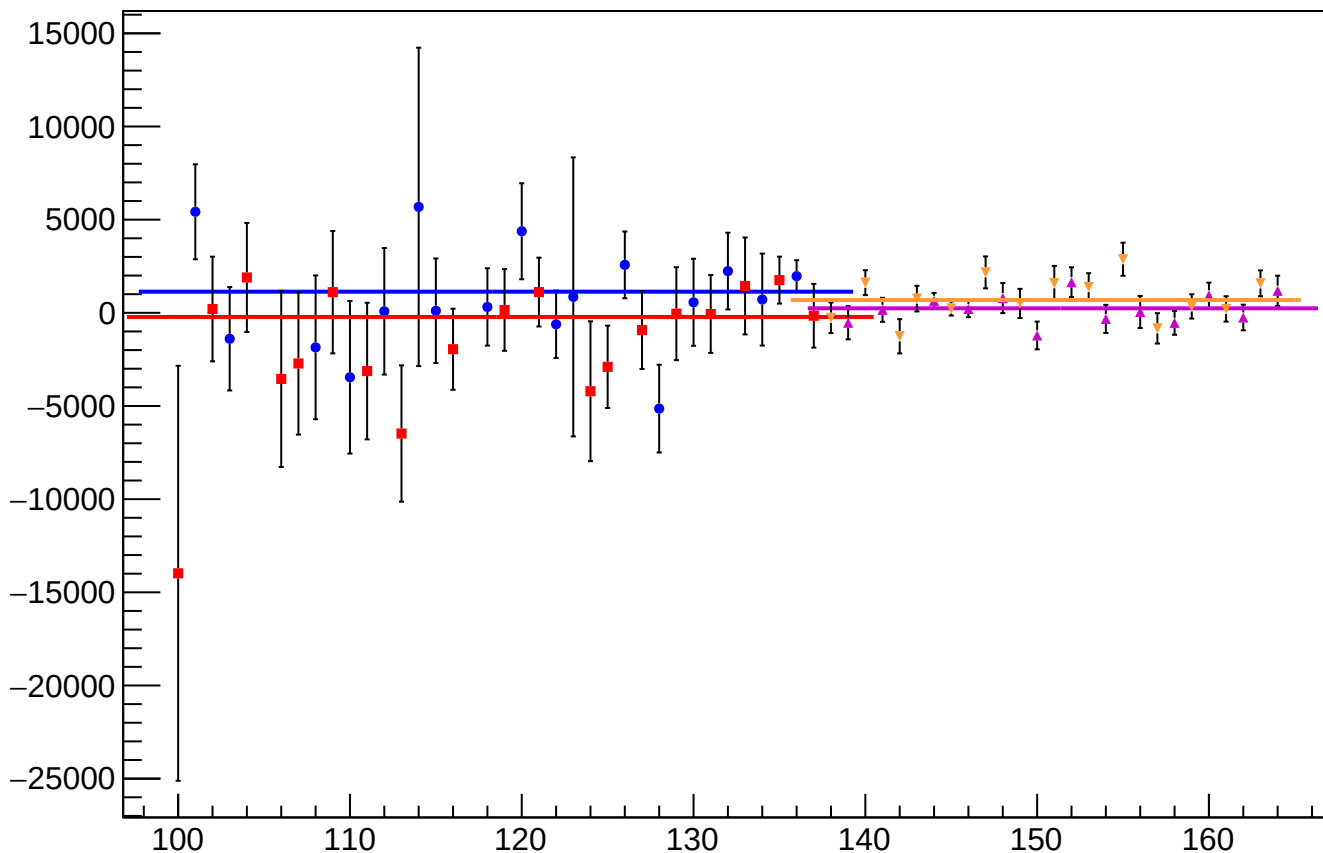
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 666.463+/-0.125 χ^2/NDF : 5503672.3/29

Out: 643.245+/-0.121 χ^2/NDF : 7302822.2/32

All: 654.511+/-0.087 χ^2/NDF : 12824294.1/62

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 685.128 $\pm$ 184.940 χ^2/NDF : 26.1/13

Right Out: -220.849 $\pm$ 547.528 χ^2/NDF : 13.5/18

Left In: 241.946 $\pm$ 180.946 χ^2/NDF : 14.0/12

Left: 458.699 $\pm$ 129.337 χ^2/NDF : 43.0/26

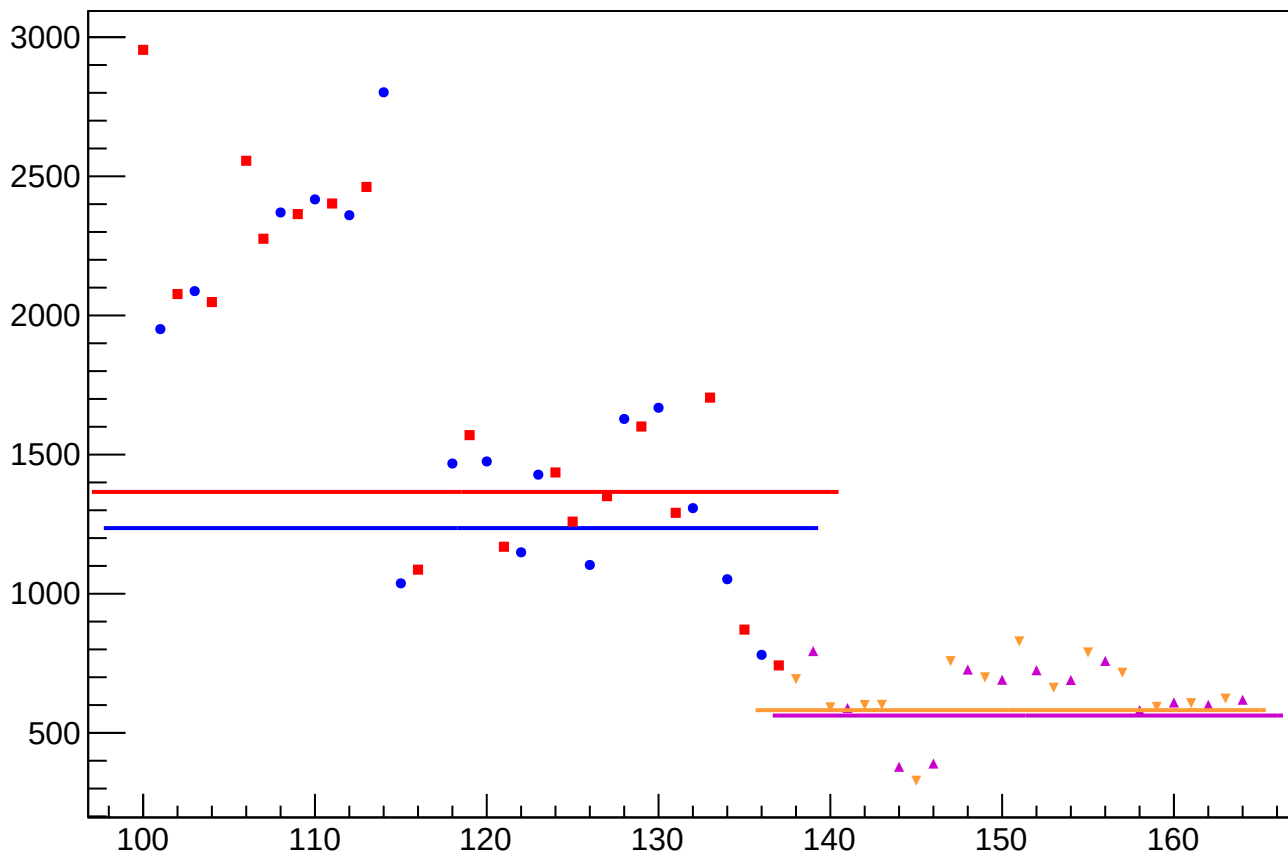
Right: 500.276 $\pm$ 374.656 χ^2/NDF : 34.5/35

In: 340.520 $\pm$ 170.670 χ^2/NDF : 34.5/29

Out: 592.349 $\pm$ 175.215 χ^2/NDF : 42.0/32

All: 463.126 $\pm$ 122.257 χ^2/NDF : 77.6/62

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 581.682+/-0.131 χ^2/NDF : 1395113.0/13

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 562.329+/-0.128 χ^2/NDF : 1233869.8/12

Left: 571.794+/-0.091 χ^2/NDF : 2640172.5/26

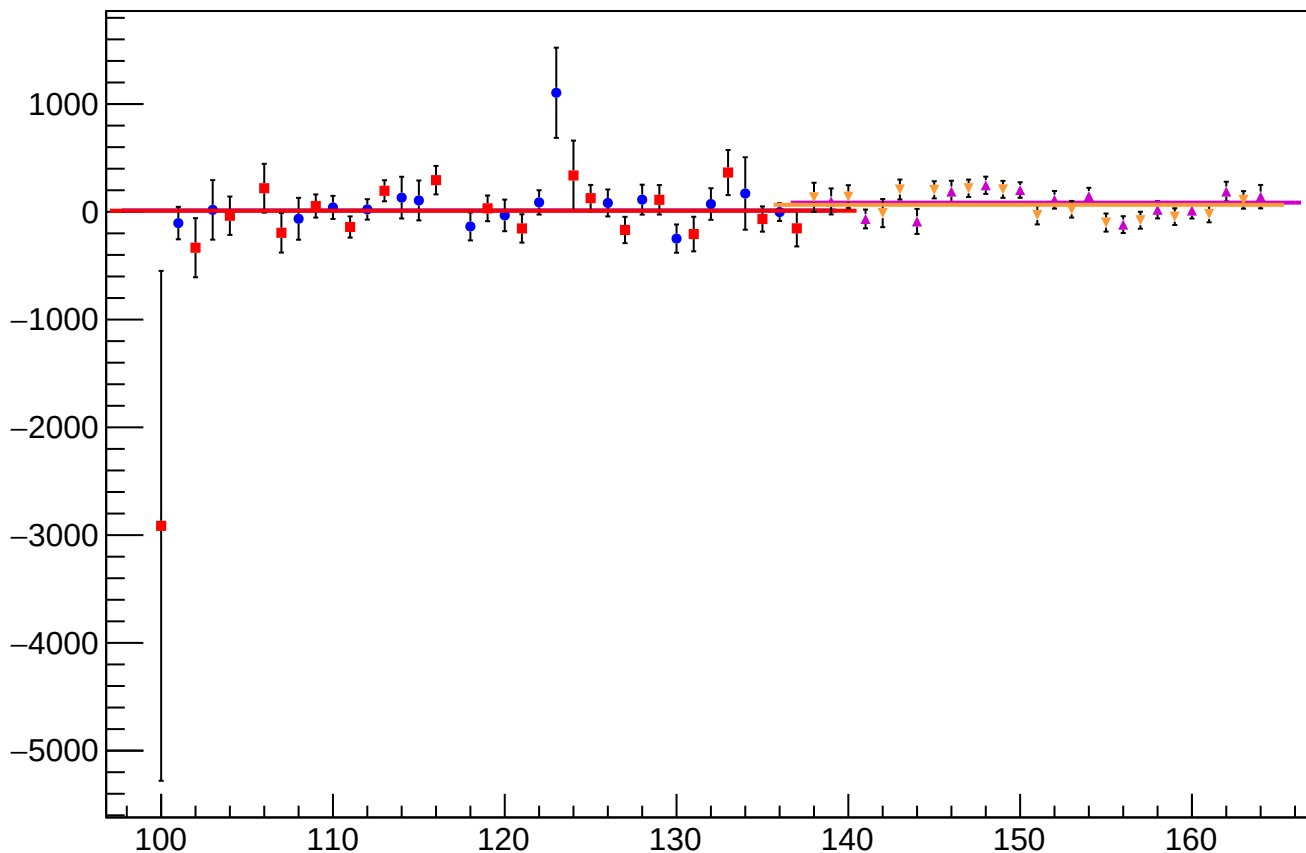
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 636.662+/-0.121 χ^2/NDF : 6038222.7/29

Out: 661.995+/-0.124 χ^2/NDF : 6828280.3/32

All: 648.996+/-0.086 χ^2/NDF : 12887956.7/62

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 64.900 $\pm$ 23.062 χ^2 /NDF:25.6/13

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 85.268 $\pm$ 23.929 χ^2 /NDF:23.8/12

Left: 74.708 $\pm$ 16.605 χ^2 /NDF: 49.8/26

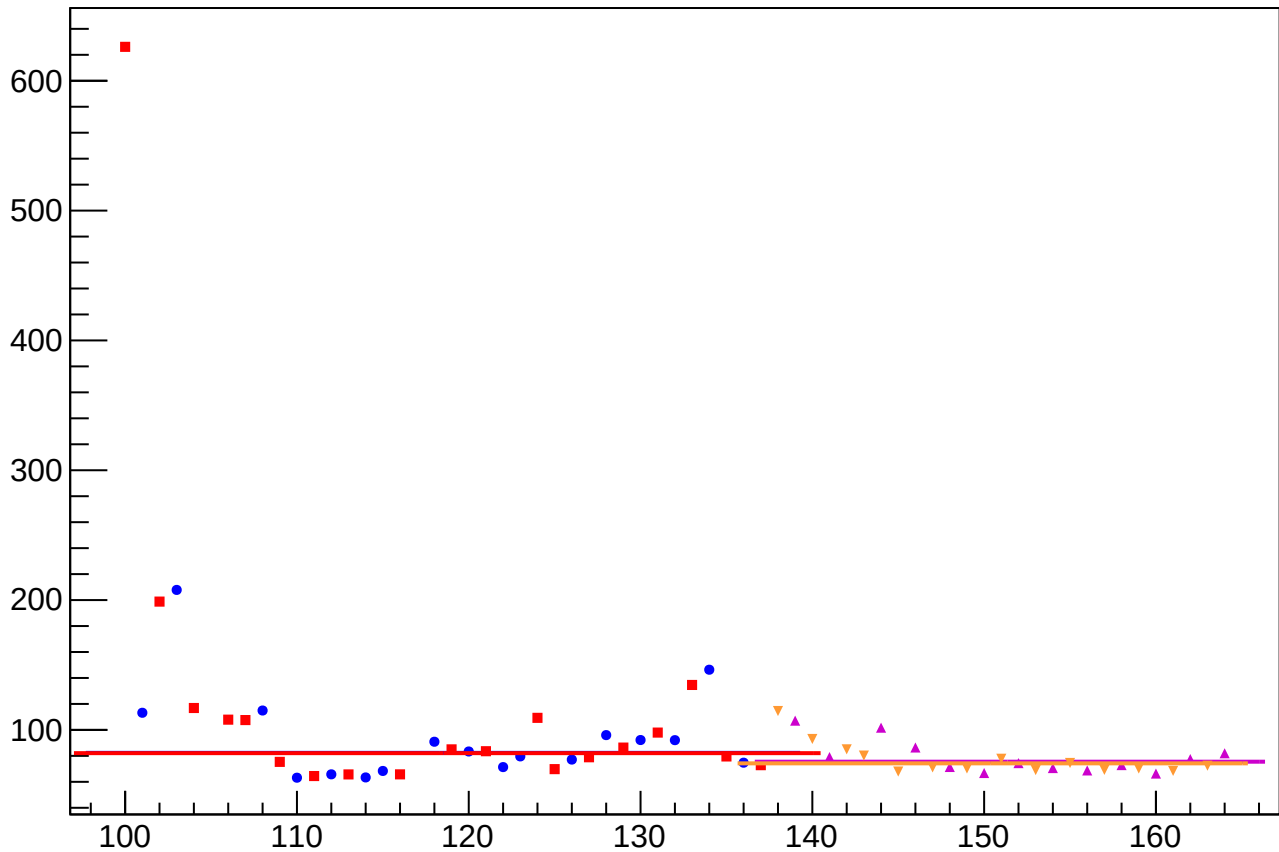
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 60.352 $\pm$ 19.418 χ^2 /NDF:42.3/29

Out: 46.603 $\pm$ 18.828 χ^2 /NDF:55.8/32

All: 53.266 $\pm$ 13.517 χ^2 /NDF: 98.4/62

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: 74.229 $\pm$ 0.016 χ^2 /NDF: 321356.3/13

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 75.510 $\pm$ 0.017 χ^2 /NDF: 365008.1/12

Left: 74.846 $\pm$ 0.012 χ^2 /NDF: 689336.2/26

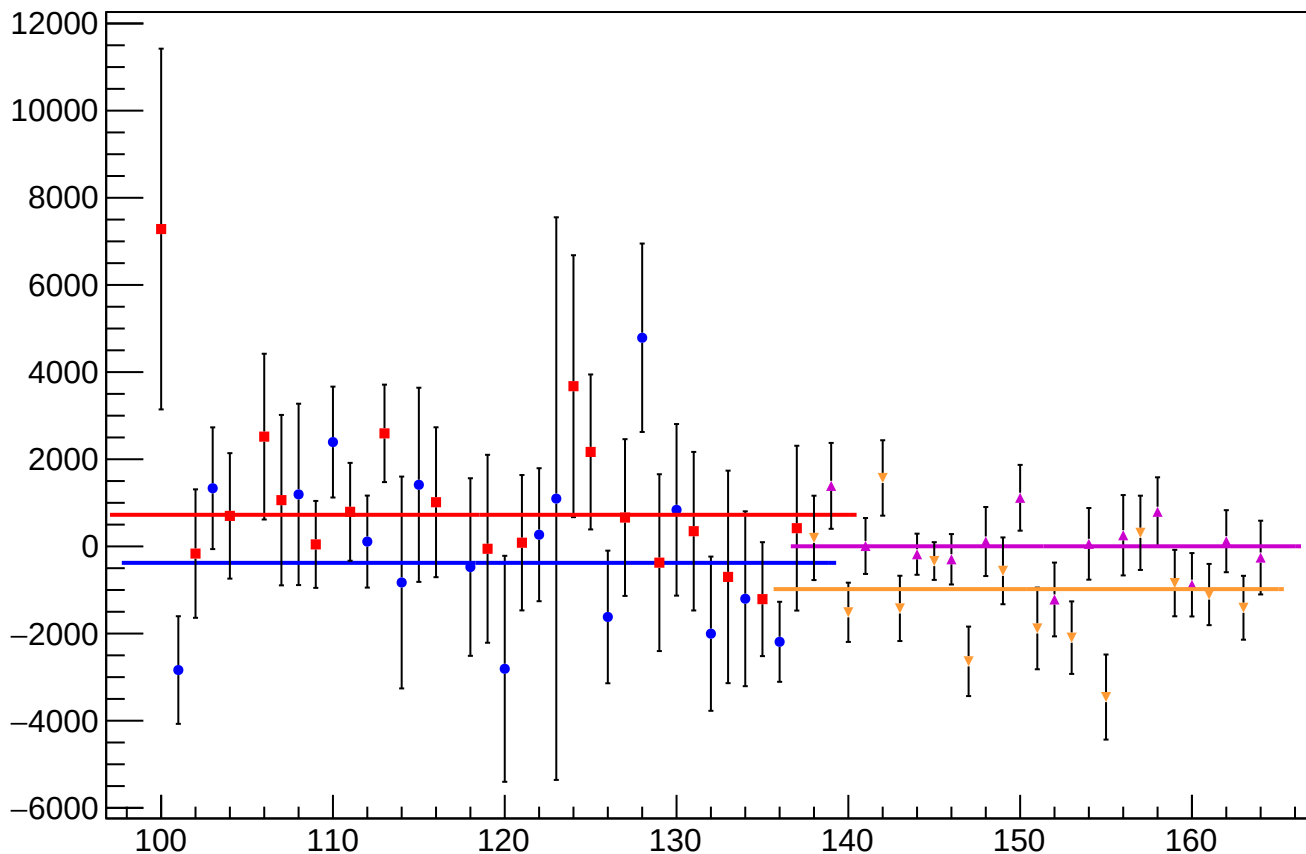
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 77.831 $\pm$ 0.014 χ^2 /NDF: 1288843.4/29

Out: 76.851 $\pm$ 0.013 χ^2 /NDF: 1357880.6/32

All: 77.326 $\pm$ 0.010 χ^2 /NDF: 2649349.9/62

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2 /NDF: 24.5/16

Left Out: -979.954 $\pm$ 197.704 χ^2 /NDF:29.8/13

Right Out: 725.204 $\pm$ 367.170 χ^2 /NDF: 11.9/18

Left In: 2.827 $\pm$ 199.214 χ^2 /NDF:9.3/12

Left: -492.303 $\pm$ 140.329 χ^2 /NDF: 51.4/26

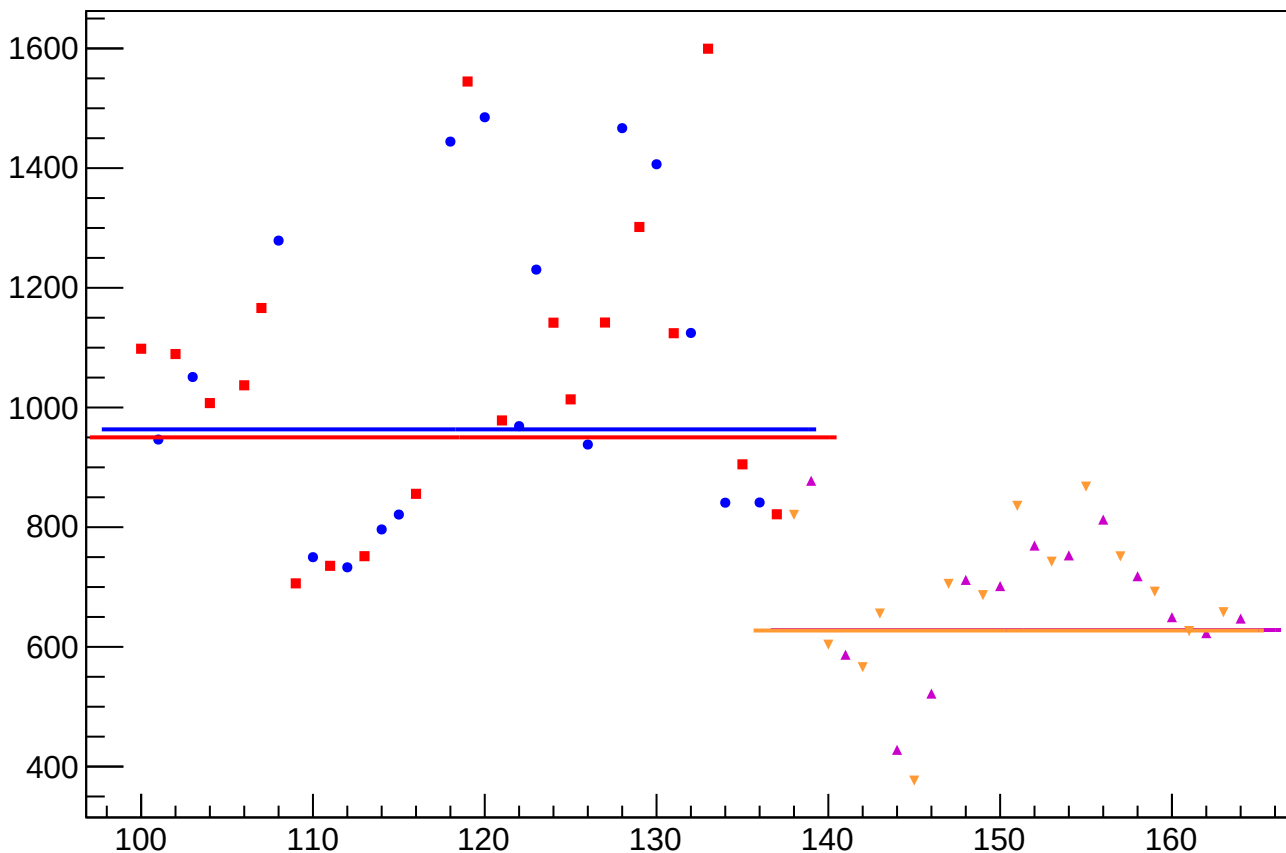
Right: 198.479 $\pm$ 265.345 χ^2 /NDF: 40.7/35

In: -77.825 $\pm$ 176.824 χ^2 /NDF:34.6/29

Out: -596.694 $\pm$ 174.073 χ^2 /NDF:58.4/32

All: -341.327 $\pm$ 124.049 χ^2 /NDF: 97.4/62

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 627.361+/-0.140 χ^2/NDF : 1116776.3/13

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 628.219+/-0.141 χ^2/NDF : 815626.9/12

Left: 627.787+/-0.099 χ^2/NDF : 1932421.9/26

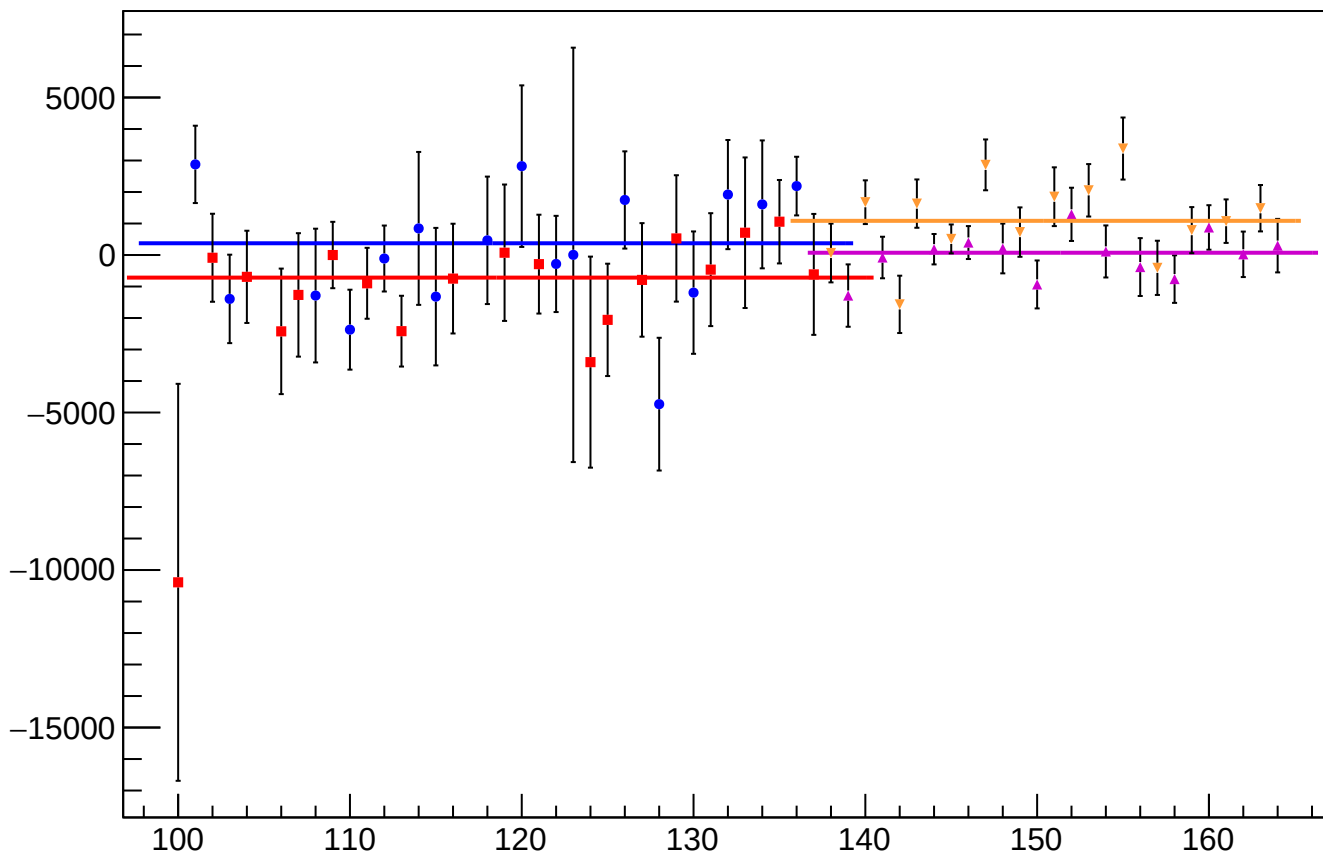
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 699.344+/-0.125 χ^2/NDF : 2706154.9/29

Out: 699.906+/-0.123 χ^2/NDF : 3046825.6/32

All: 699.629+/-0.088 χ^2/NDF : 5752990.8/62

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1084.980 $\pm$ 200.693 χ^2 /NDF:28.5/13

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: 71.919 $\pm$ 197.215 χ^2 /NDF:9.1/12

Left: 569.595 $\pm$ 140.665 χ^2 /NDF: 50.5/26

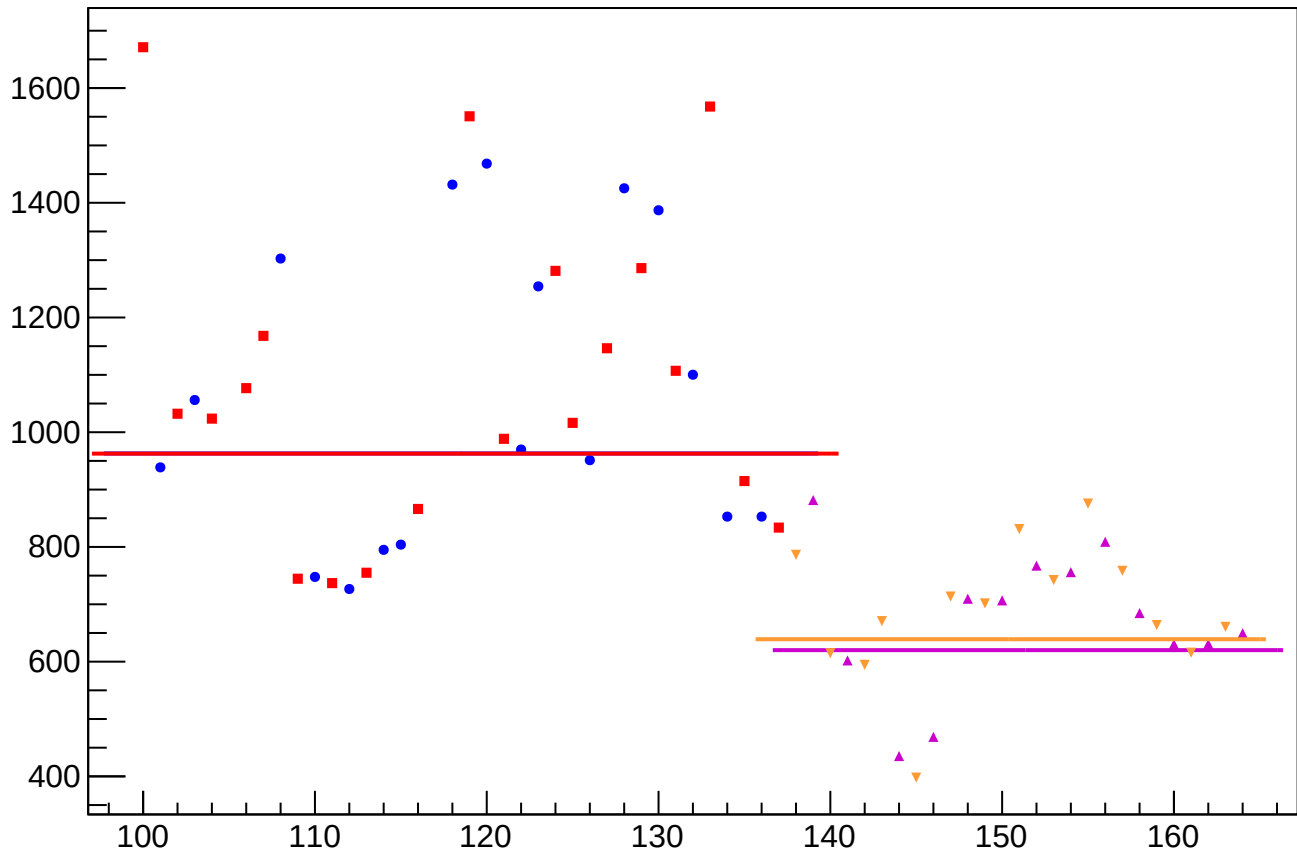
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 134.825 $\pm$ 175.399 χ^2 /NDF:34.8/29

Out: 678.258 $\pm$ 176.603 χ^2 /NDF:56.8/32

All: 404.682 $\pm$ 124.449 χ^2 /NDF: 96.4/62

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 639.089+/-0.142 χ^2/NDF : 918570.9/13

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 620.070+/-0.139 χ^2/NDF : 870478.8/12

Left: 629.414+/-0.099 χ^2/NDF : 1798187.2/26

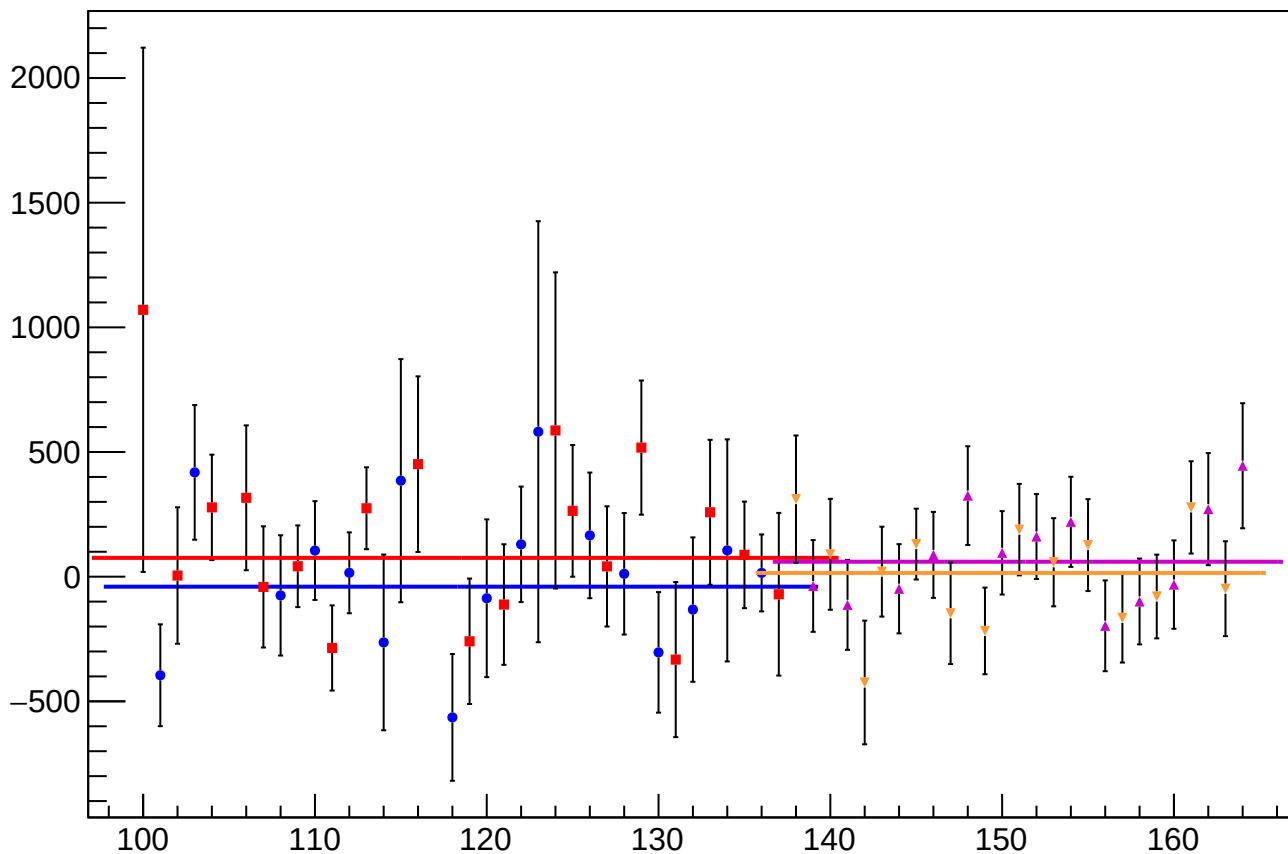
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 691.738+/-0.124 χ^2/NDF : 2801697.2/29

Out: 712.113+/-0.125 χ^2/NDF : 2788348.8/32

All: 701.856+/-0.088 χ^2/NDF : 5603447.4/62

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 14.962 ± 49.758 $\chi^2/\text{NDF}: 12.5/13$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 59.987 ± 51.108 $\chi^2/\text{NDF}: 10.9/12$

Left: 36.872 ± 35.652 $\chi^2/\text{NDF}: 23.8/26$

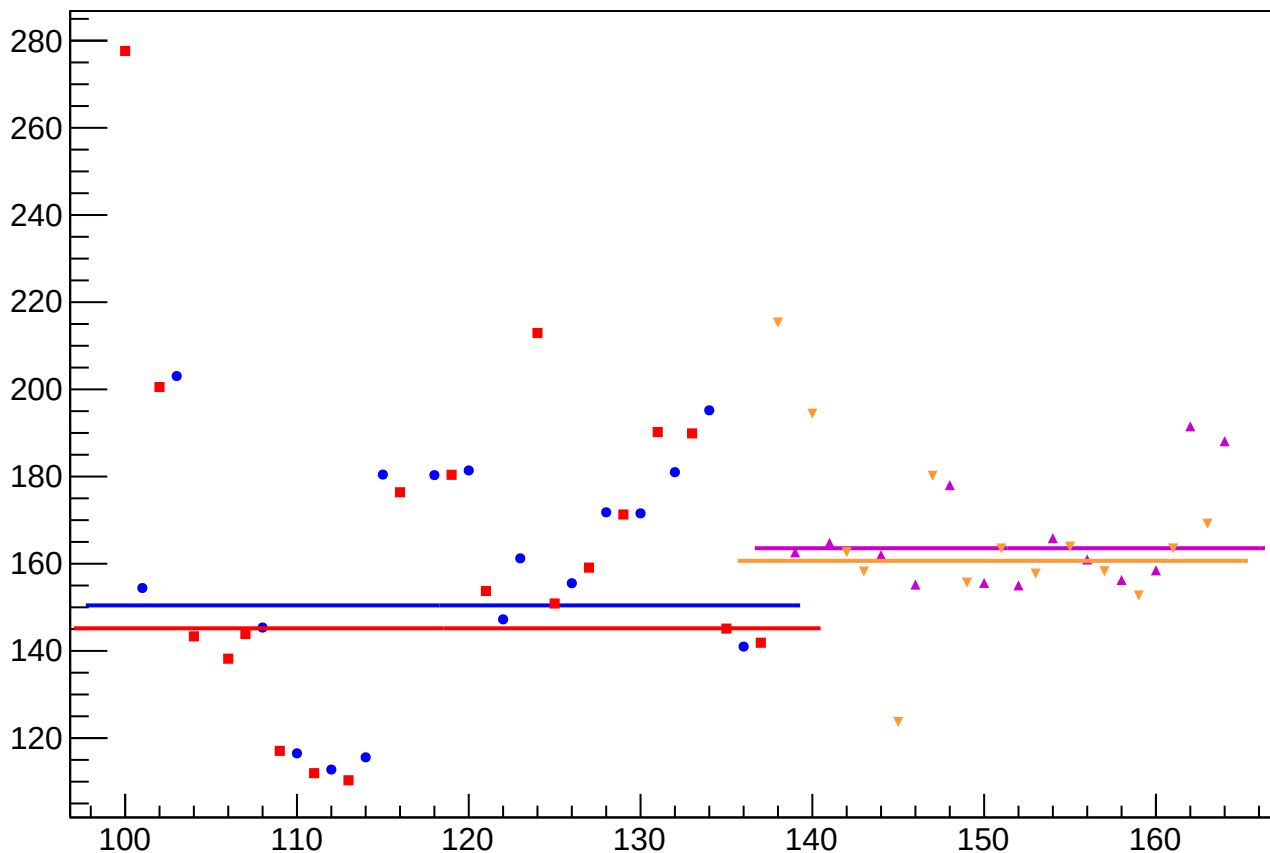
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 17.283 ± 38.702 $\chi^2/\text{NDF}: 27.9/29$

Out: 41.529 ± 37.264 $\chi^2/\text{NDF}: 31.6/32$

All: 29.865 ± 26.844 $\chi^2/\text{NDF}: 59.7/62$

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: 160.661 $\pm$ 0.035 χ^2 /NDF:304888.4/13

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 163.560 $\pm$ 0.036 χ^2 /NDF:81295.1/12

Left: 162.072 $\pm$ 0.025 χ^2 /NDF: 389488.5/26

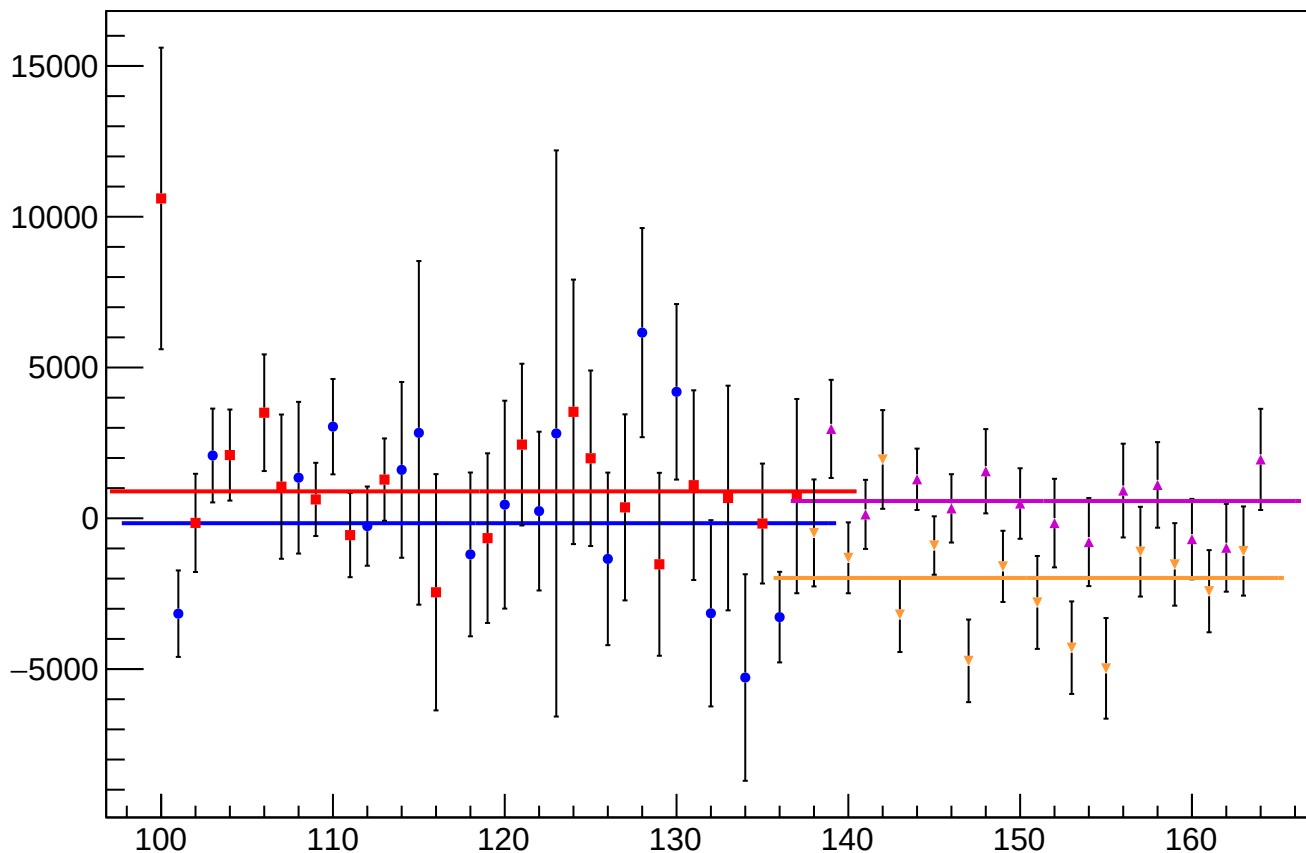
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.964 $\pm$ 0.027 χ^2 /NDF:537627.0/29

Out: 153.866 $\pm$ 0.026 χ^2 /NDF:925519.9/32

All: 155.837 $\pm$ 0.019 χ^2 /NDF: 1474787.1/62

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -1978.391 ± 363.613 $\chi^2/\text{NDF}: 19.8/13$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 572.754 ± 368.617 $\chi^2/\text{NDF}: 7.4/12$

Left: -720.249 ± 258.864 $\chi^2/\text{NDF}: 51.5/26$

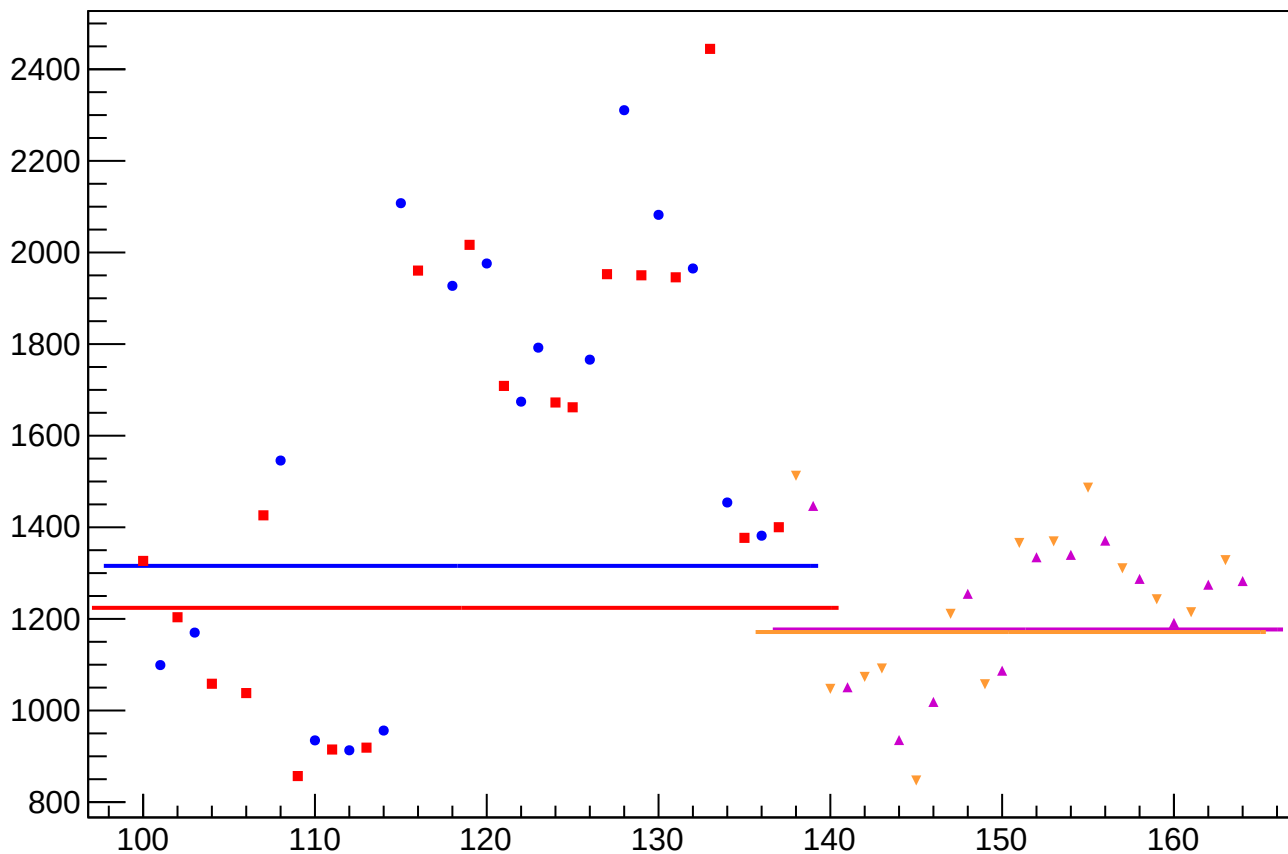
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 334.867 ± 303.206 $\chi^2/\text{NDF}: 33.7/29$

Out: -943.286 ± 290.784 $\chi^2/\text{NDF}: 53.0/32$

All: -330.929 ± 209.869 $\chi^2/\text{NDF}: 96.0/62$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2/NDF : 1118346.6/16

Left Out: 1171.383 $\pm$ 0.257 χ^2/NDF : 539645.7/13

Right Out: 1224.149 $\pm$ 0.342 χ^2/NDF : 1363902.7/18

Left In: 1176.922 $\pm$ 0.261 χ^2/NDF : 357176.1/12

Left: 1174.114 $\pm$ 0.183 χ^2/NDF : 897050.6/26

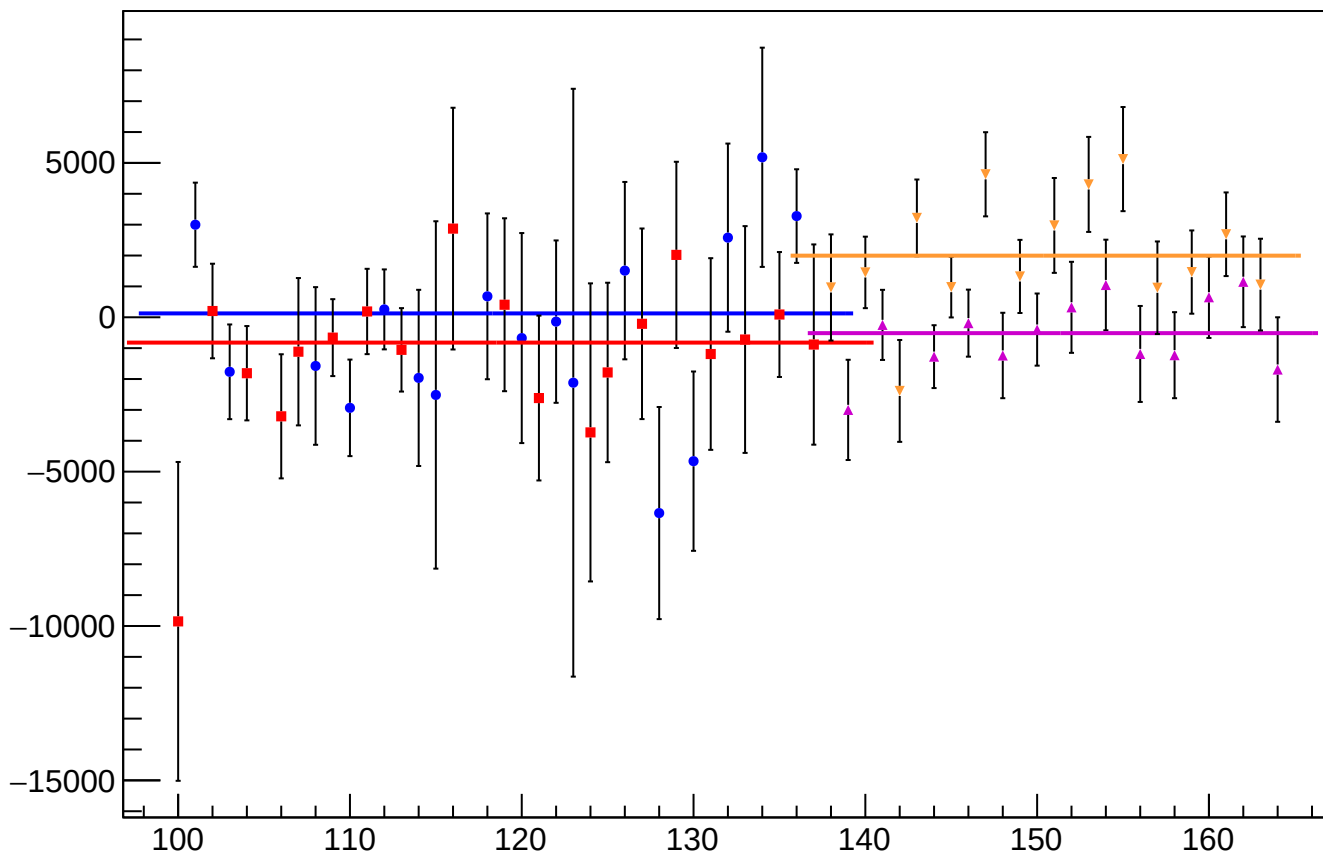
Right: 1265.578 $\pm$ 0.253 χ^2/NDF : 2514618.3/35

In: 1221.831 $\pm$ 0.214 χ^2/NDF : 1567314.8/29

Out: 1190.403 $\pm$ 0.206 χ^2/NDF : 1918730.5/32

All: 1205.460 $\pm$ 0.148 χ^2/NDF : 3497238.0/62

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 1995.924 ± 363.336 $\chi^2/\text{NDF}: 21.1/13$

Right Out: -820.213 ± 484.659 $\chi^2/\text{NDF}: 9.1/18$

Left In: -513.765 ± 366.015 $\chi^2/\text{NDF}: 7.8/12$

Left: 750.300 ± 257.859 $\chi^2/\text{NDF}: 52.6/26$

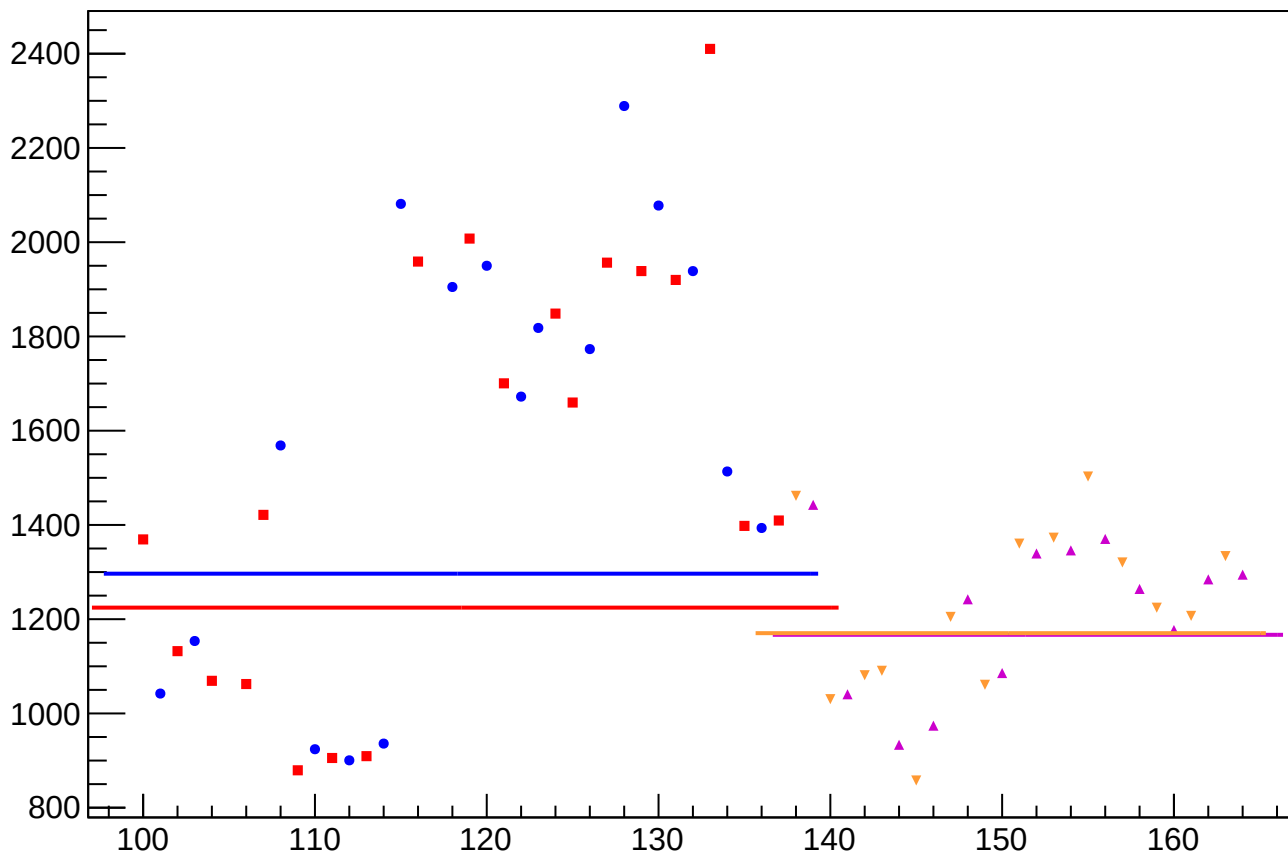
Right: -386.748 ± 356.675 $\chi^2/\text{NDF}: 35.5/35$

In: -305.681 ± 300.586 $\chi^2/\text{NDF}: 33.4/29$

Out: 982.680 ± 290.714 $\chi^2/\text{NDF}: 51.8/32$

All: 360.002 ± 208.969 $\chi^2/\text{NDF}: 94.7/62$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1170.357+/-0.257 χ^2/NDF : 513416.2/13

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1166.855+/-0.259 χ^2/NDF : 391743.5/12

Left: 1168.619+/-0.182 χ^2/NDF : 905252.0/26

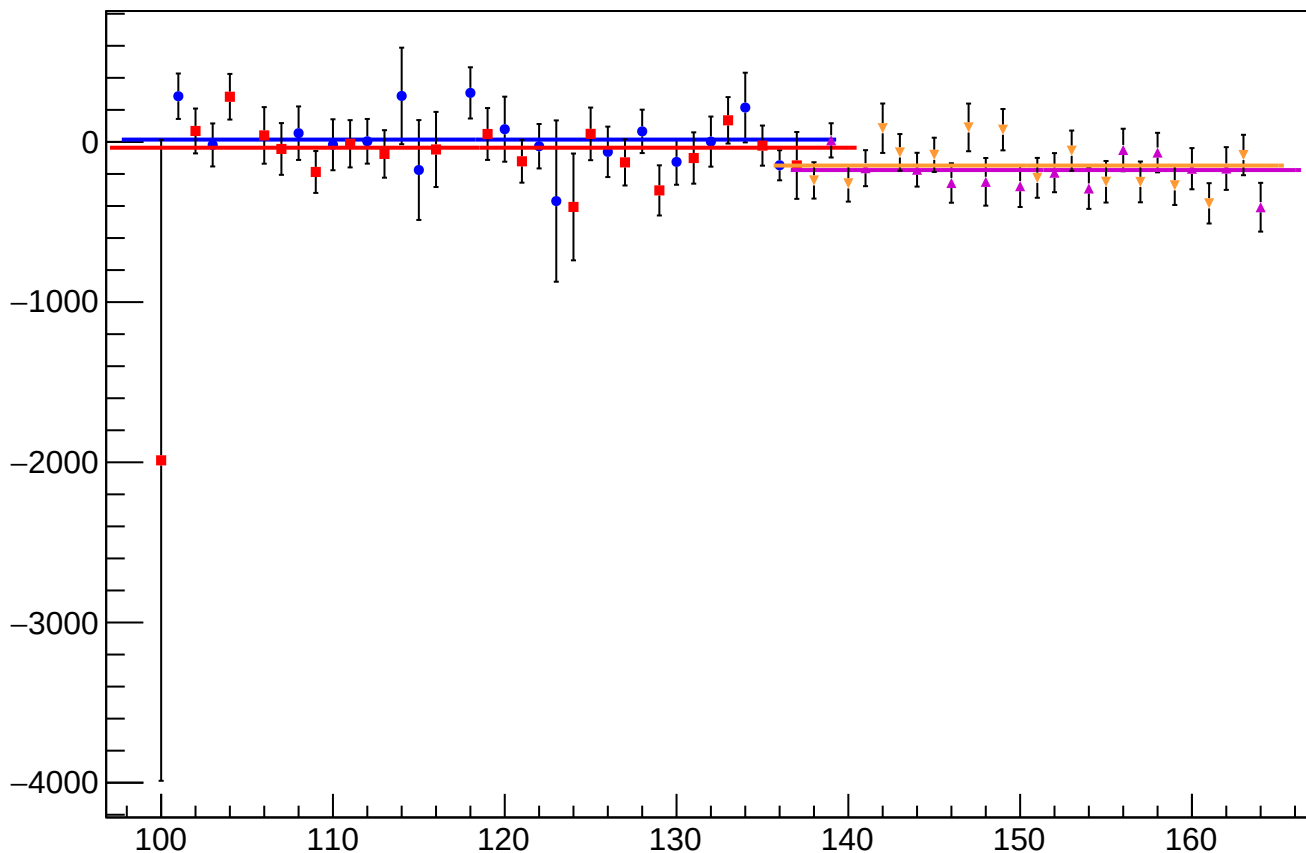
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1209.087+/-0.213 χ^2/NDF : 1648995.0/29

Out: 1189.859+/-0.206 χ^2/NDF : 1877705.9/32

All: 1199.152+/-0.148 χ^2/NDF : 3530929.3/62

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: -147.562 ± 33.198 $\chi^2/\text{NDF}: 17.4/13$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -175.702 ± 34.548 $\chi^2/\text{NDF}: 9.1/12$

Left: -161.072 ± 23.937 $\chi^2/\text{NDF}: 26.8/26$

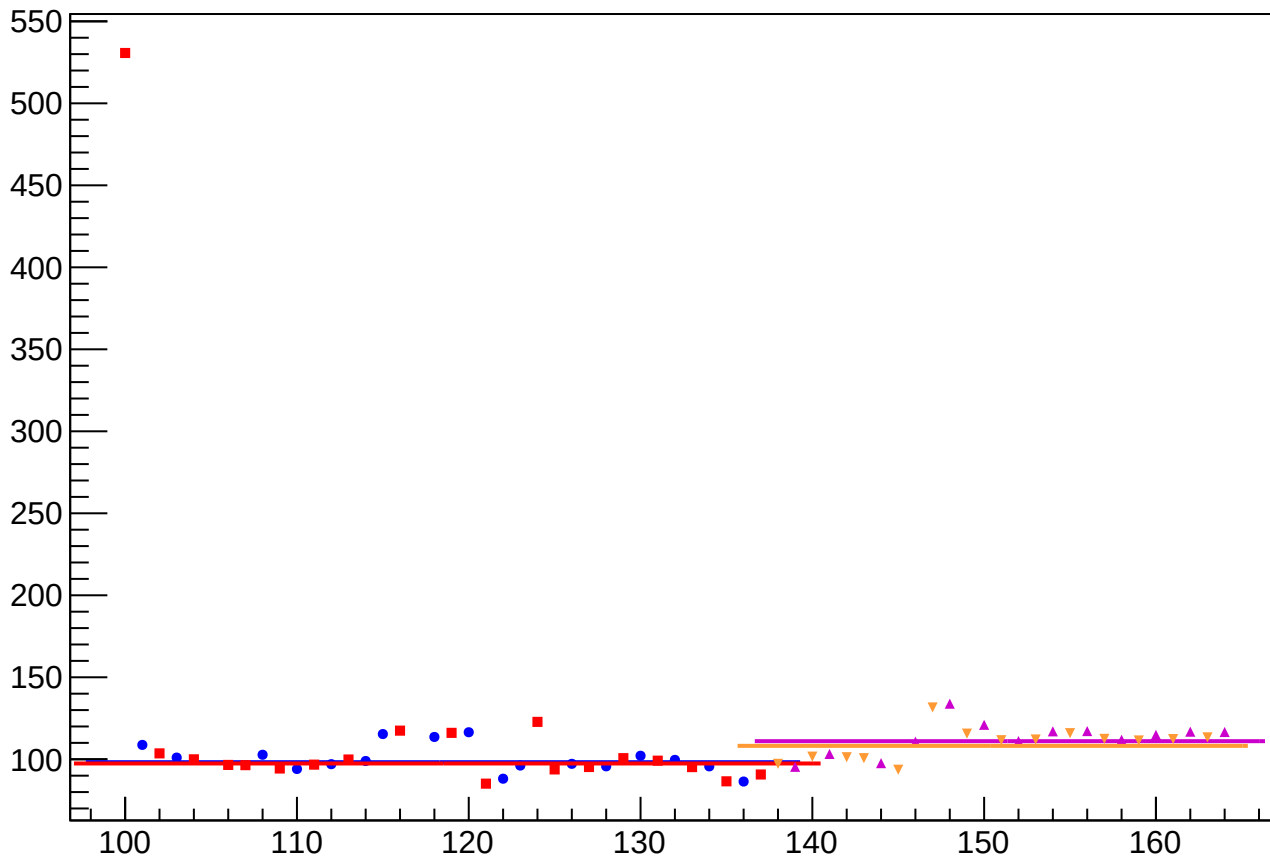
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -89.638 ± 25.568 $\chi^2/\text{NDF}: 37.0/29$

Out: -97.449 ± 24.626 $\chi^2/\text{NDF}: 37.9/32$

All: -93.690 ± 17.737 $\chi^2/\text{NDF}: 75.0/62$

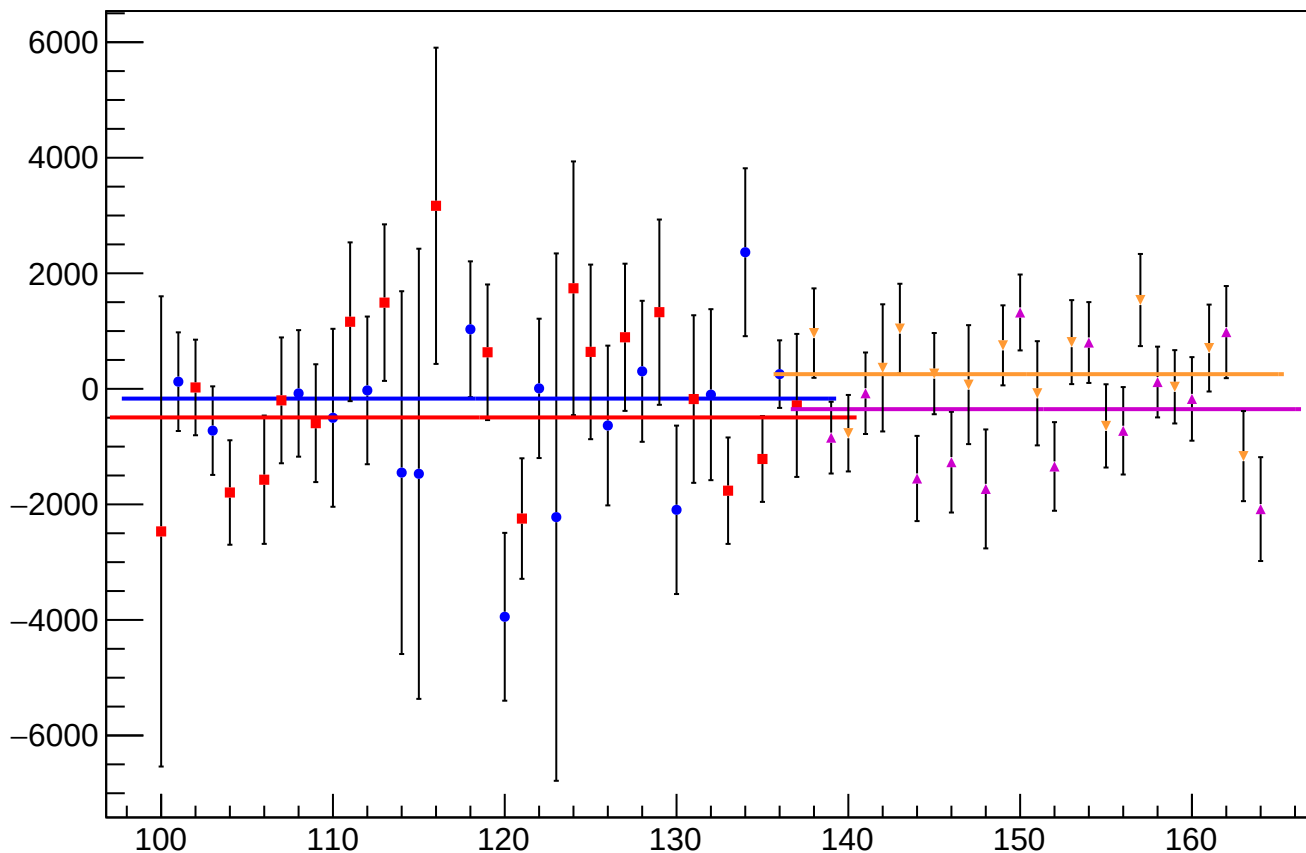
dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16
 Left Out: 108.184+/-0.023 χ^2/NDF : 151145.1/13
 Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18
 Left In: 111.037+/-0.024 χ^2/NDF : 160717.1/12

Left: 109.554+/-0.017 χ^2/NDF : 318953.6/26
 Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35
 In: 105.240+/-0.018 χ^2/NDF : 385761.8/29
 Out: 103.351+/-0.017 χ^2/NDF : 435491.0/32
 All: 104.260+/-0.013 χ^2/NDF : 826915.4/62

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 253.933 ± 204.119 χ^2/NDF : 13.5/13

Right Out: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -351.615 ± 204.585 χ^2/NDF : 24.6/12

Left: -48.150 ± 144.499 χ^2/NDF : 42.5/26

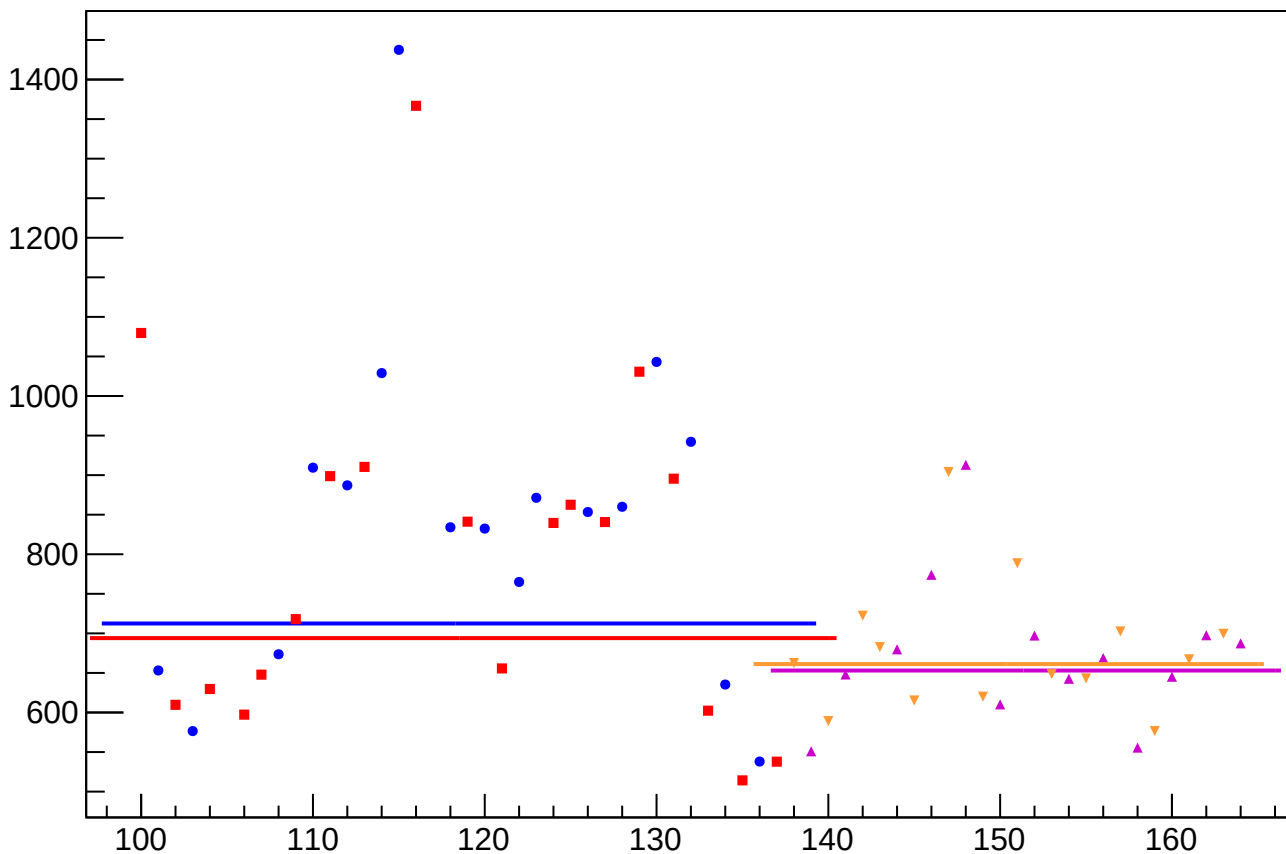
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -288.628 ± 165.633 χ^2/NDF : 39.5/29

Out: -21.712 ± 162.257 χ^2/NDF : 38.2/32

All: -152.422 ± 115.908 χ^2/NDF : 79.0/62

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2/NDF : 660520.6/16

Left Out: 661.172 $\pm$ 0.144 χ^2/NDF : 245770.8/13

Right Out: 694.014 $\pm$ 0.189 χ^2/NDF : 674989.2/18

Left In: 653.016 $\pm$ 0.145 χ^2/NDF : 299295.1/12

Left: 657.103 $\pm$ 0.102 χ^2/NDF : 546658.6/26

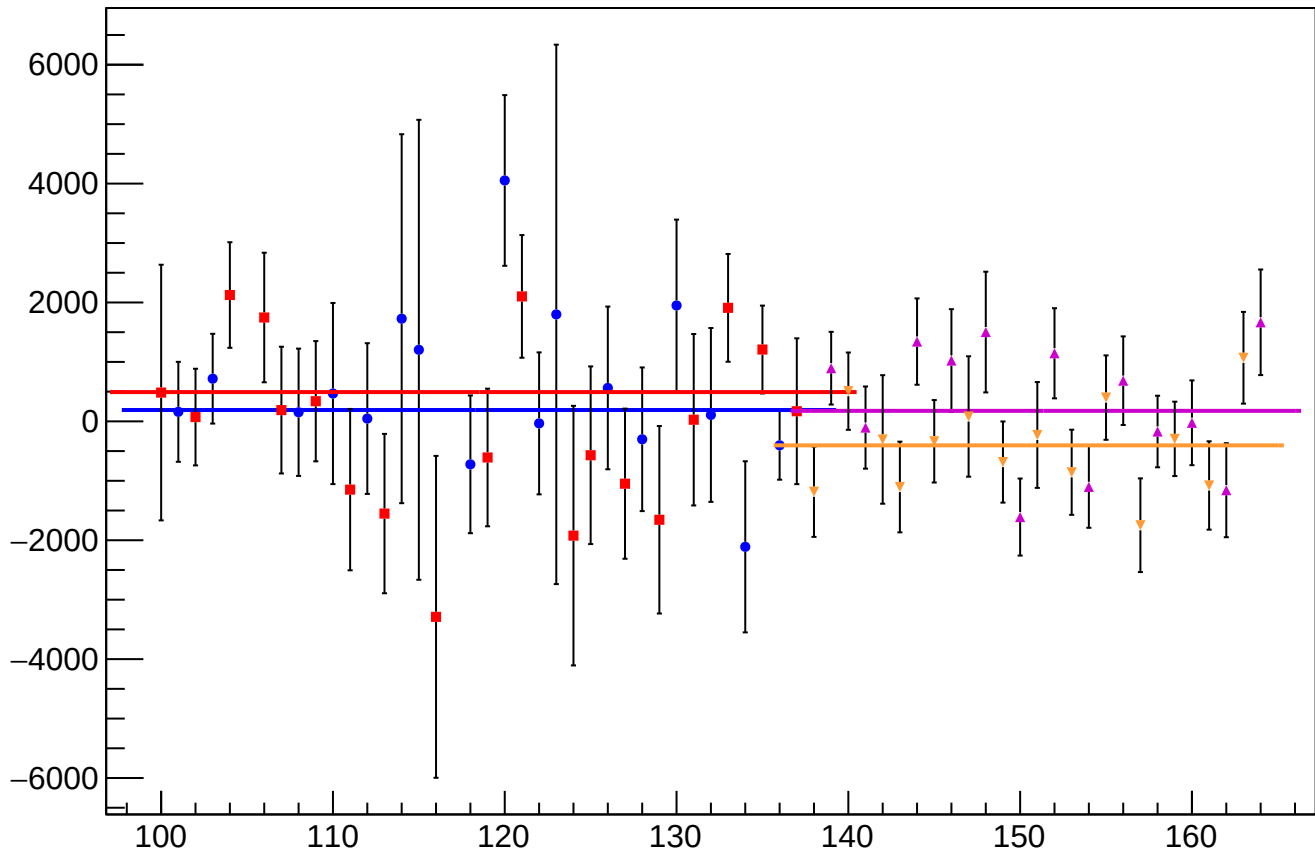
Right: 702.750 $\pm$ 0.137 χ^2/NDF : 1340019.7/35

In: 673.503 $\pm$ 0.117 χ^2/NDF : 1018022.2/29

Out: 673.262 $\pm$ 0.115 χ^2/NDF : 939820.2/32

All: 673.380 $\pm$ 0.082 χ^2/NDF : 1957844.6/62

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -403.719 $\pm$ 201.136 χ^2 /NDF:13.4/13

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 176.829 $\pm$ 201.639 χ^2 /NDF:26.0/12

Left: -114.170 $\pm$ 142.402 χ^2 /NDF: 43.6/26

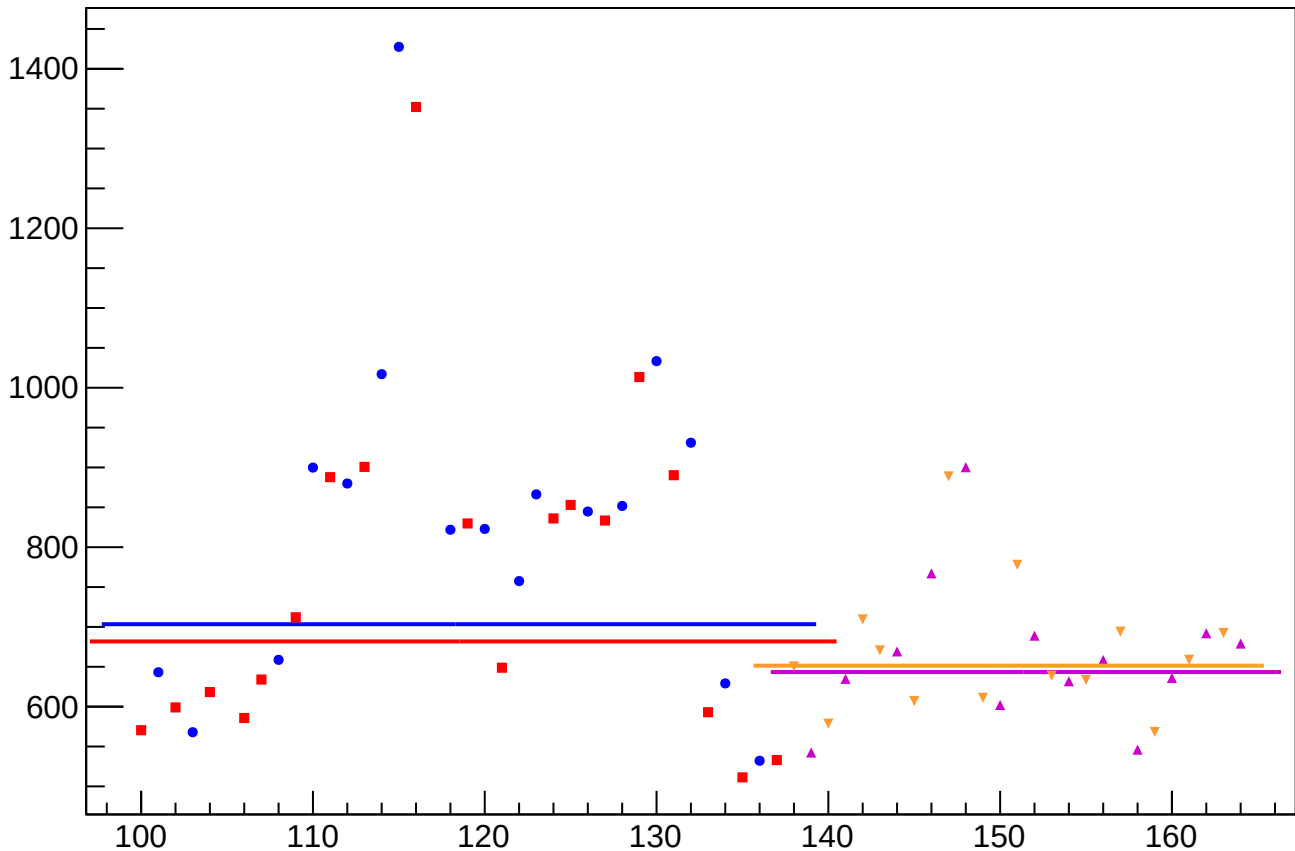
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 181.657 $\pm$ 163.359 χ^2 /NDF:40.2/29

Out: -72.363 $\pm$ 159.690 χ^2 /NDF:43.5/32

All: 51.762 $\pm$ 114.193 χ^2 /NDF: 85.0/62

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 651.417 $\pm$ 0.142 χ^2 /NDF: 246317.9/13

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 643.431 $\pm$ 0.143 χ^2 /NDF: 306331.6/12

Left: 647.434 $\pm$ 0.101 χ^2 /NDF: 554222.0/26

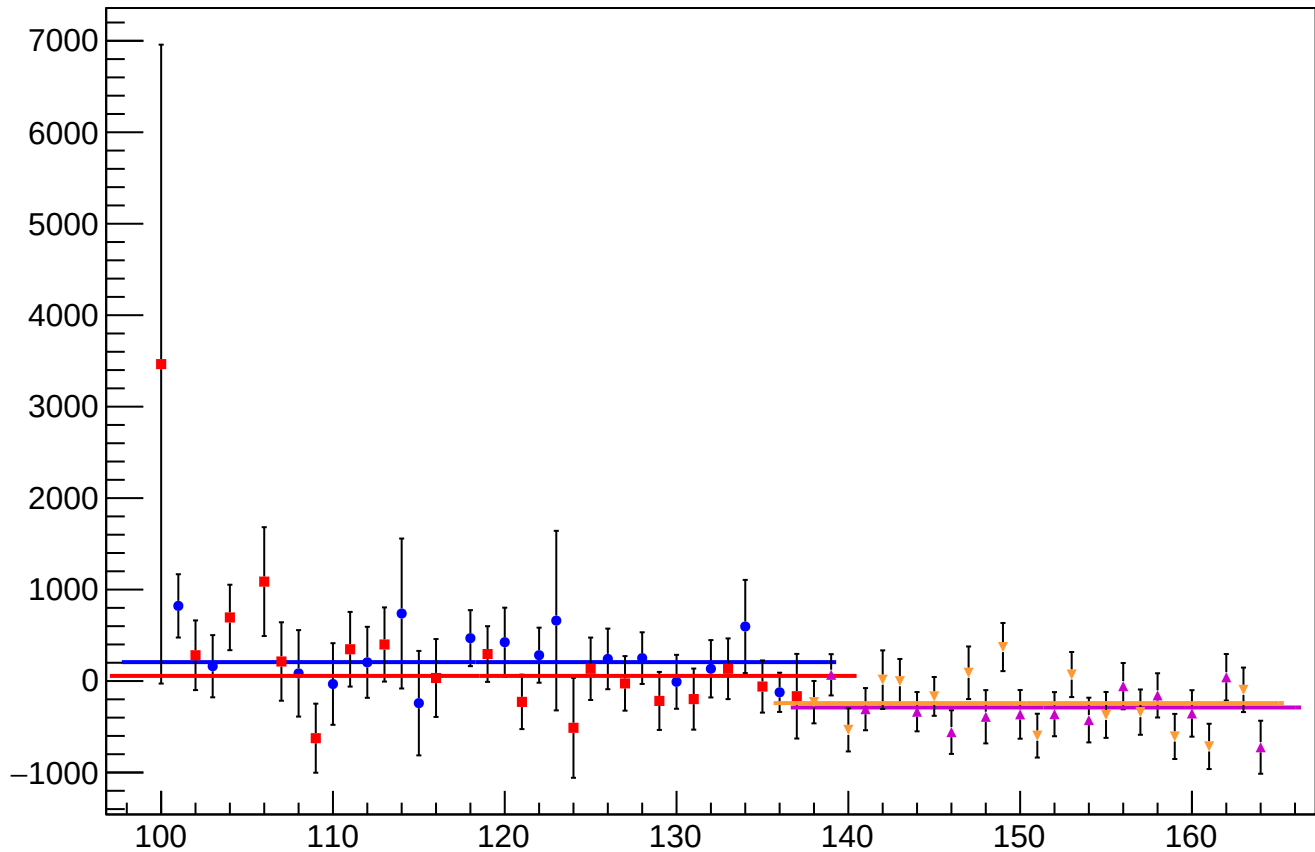
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 664.041 $\pm$ 0.116 χ^2 /NDF: 1034021.4/29

Out: 662.651 $\pm$ 0.113 χ^2 /NDF: 927993.5/32

All: 663.330 $\pm$ 0.081 χ^2 /NDF: 1962089.0/62

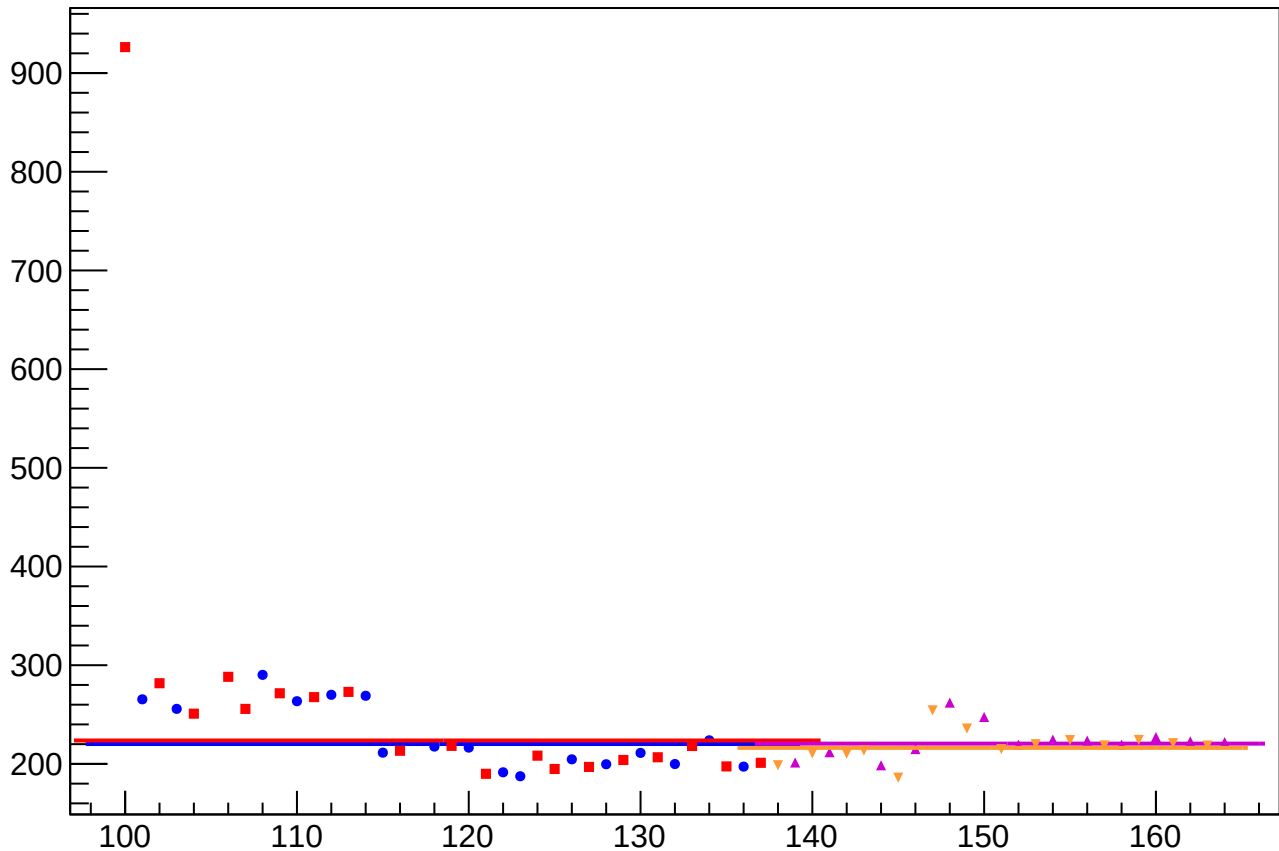
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16
 Left Out: -241.162 $\pm$ 66.269 χ^2 /NDF:20.4/13
 Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18
 Left In: -289.196 $\pm$ 68.507 χ^2 /NDF:9.6/12

Left: -264.381 $\pm$ 47.631 χ^2 /NDF: 30.3/26
 Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35
 In: -95.600 $\pm$ 53.495 χ^2 /NDF:39.5/29
 Out: -129.015 $\pm$ 52.301 χ^2 /NDF:44.7/32
 All: -112.685 $\pm$ 37.397 χ^2 /NDF: 84.4/62

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 216.214+/-0.047 χ^2/NDF : 105790.0/13

Right Out: 223.705+/-0.060 χ^2/NDF : 353242.3/18

Left In: 220.532+/-0.048 χ^2/NDF : 102971.1/12

Left: 218.301+/-0.034 χ^2/NDF : 212865.6/26

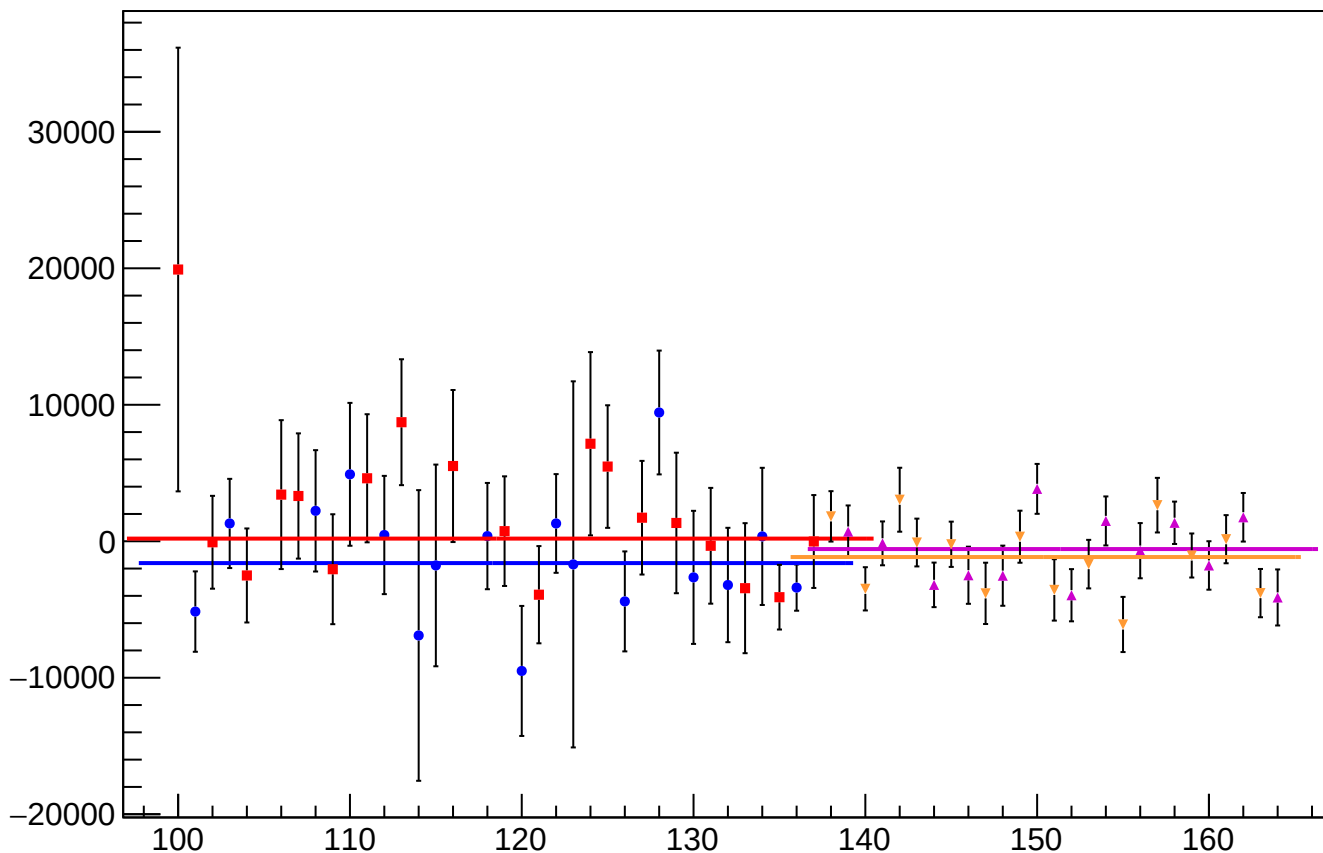
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 220.376+/-0.038 χ^2/NDF : 331441.6/29

Out: 219.039+/-0.037 χ^2/NDF : 468671.5/32

All: 219.692+/-0.026 χ^2/NDF : 800751.8/62

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: -1155.886 $\pm$ 495.646 χ^2 /NDF:24.3/13

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -571.149 $\pm$ 507.584 χ^2 /NDF:21.7/12

Left: -870.474 $\pm$ 354.620 χ^2 /NDF: 46.6/26

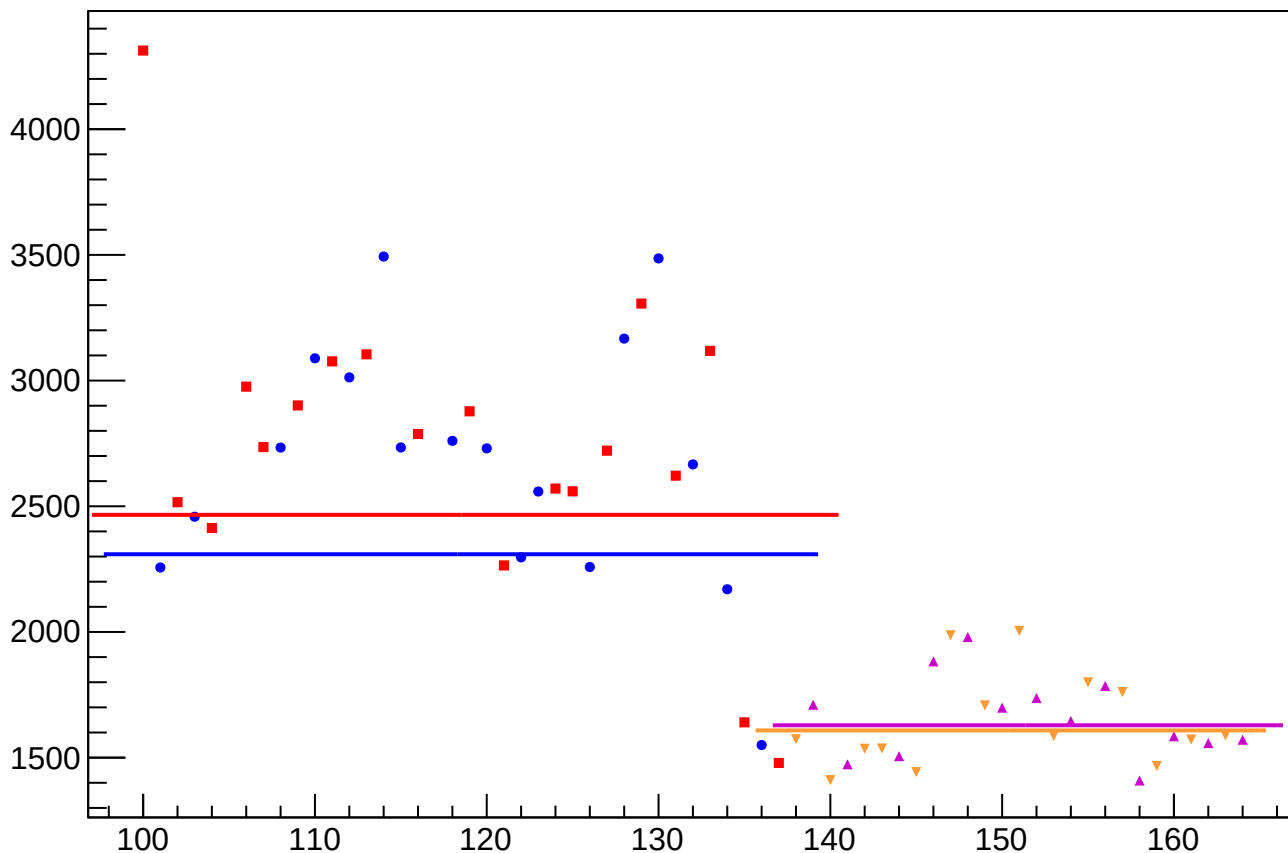
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -810.605 $\pm$ 444.547 χ^2 /NDF:39.3/29

Out: -865.644 $\pm$ 439.184 χ^2 /NDF:42.2/32

All: -838.458 $\pm$ 312.429 χ^2 /NDF: 81.5/62

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: 1608.337 $\pm$ 0.350 χ^2 /NDF: 227794.2/13

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1628.779 $\pm$ 0.359 χ^2 /NDF: 181483.1/12

Left: 1618.315 $\pm$ 0.251 χ^2 /NDF: 410937.7/26

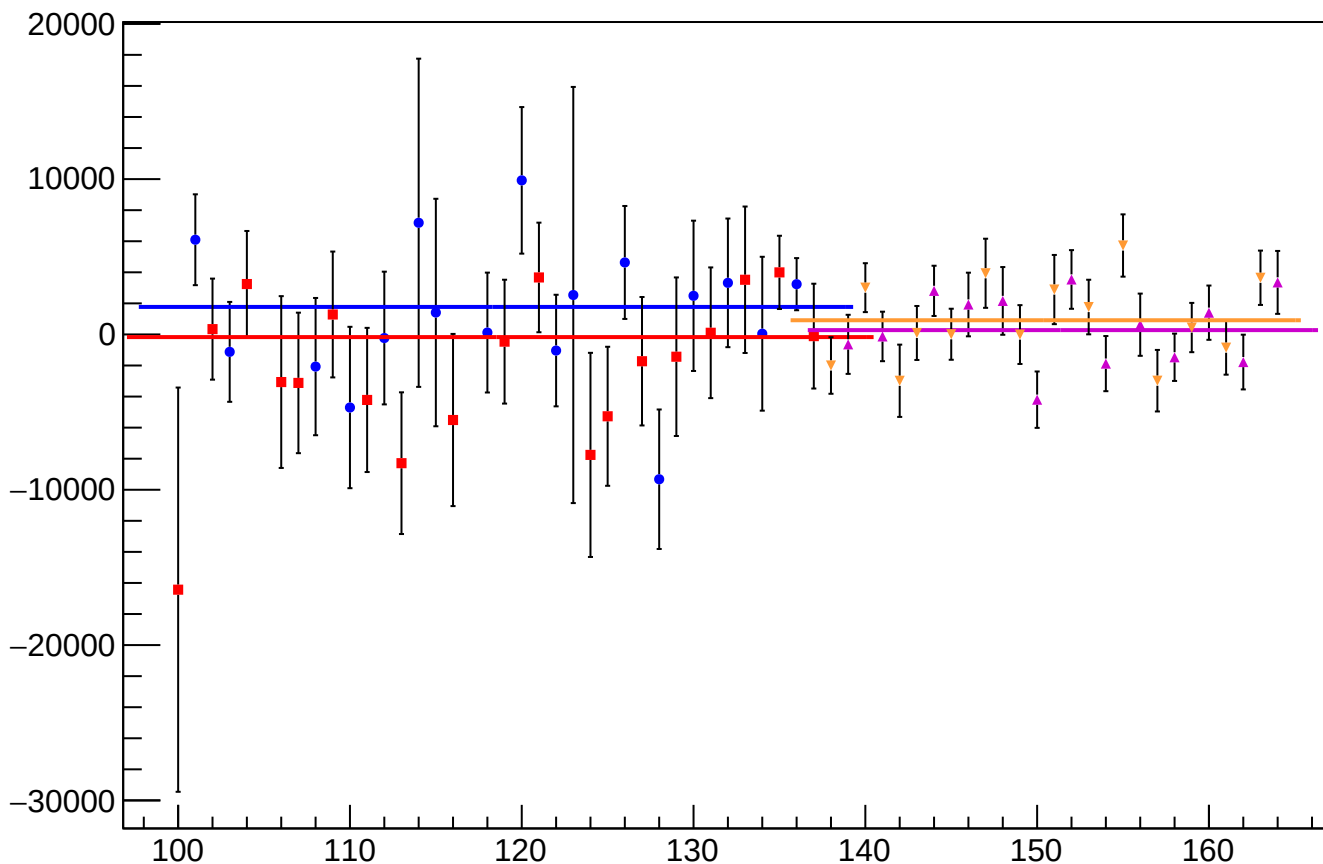
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1787.272 $\pm$ 0.314 χ^2 /NDF: 1819276.5/29

Out: 1792.591 $\pm$ 0.311 χ^2 /NDF: 2208260.8/32

All: 1789.964 $\pm$ 0.221 χ^2 /NDF: 4027682.2/62

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 913.253+/-490.564 χ^2/NDF : 23.9/13

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 277.948+/-501.517 χ^2/NDF : 20.1/12

Left: 602.613+/-350.690 χ^2/NDF : 44.9/26

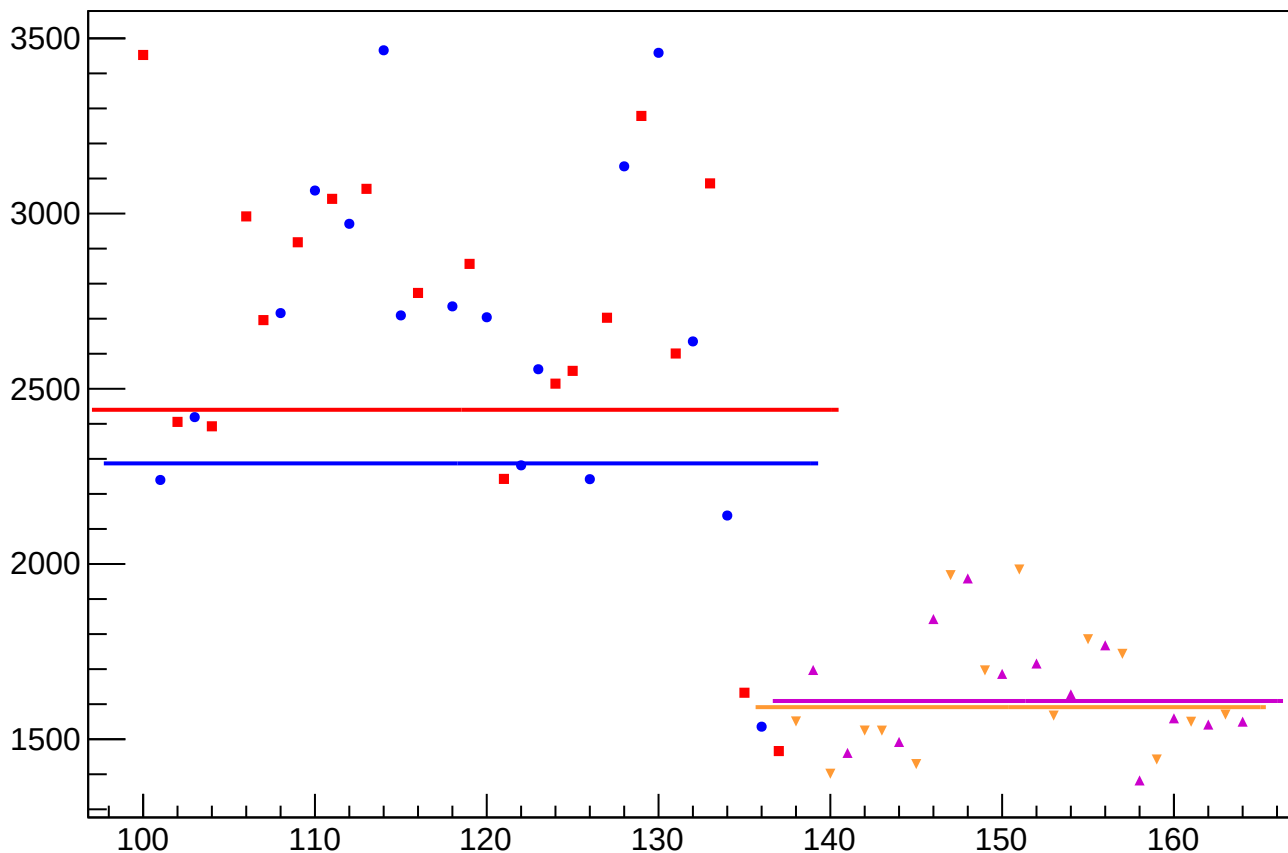
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 624.488+/-439.491 χ^2/NDF : 39.5/29

Out: 680.175+/-434.645 χ^2/NDF : 41.0/32

All: 652.640+/-309.039 χ^2/NDF : 80.5/62

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1591.503+/-0.347 χ^2/NDF : 229917.4/13

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1609.091+/-0.355 χ^2/NDF : 182951.2/12

Left: 1600.103+/-0.248 χ^2/NDF : 414125.5/26

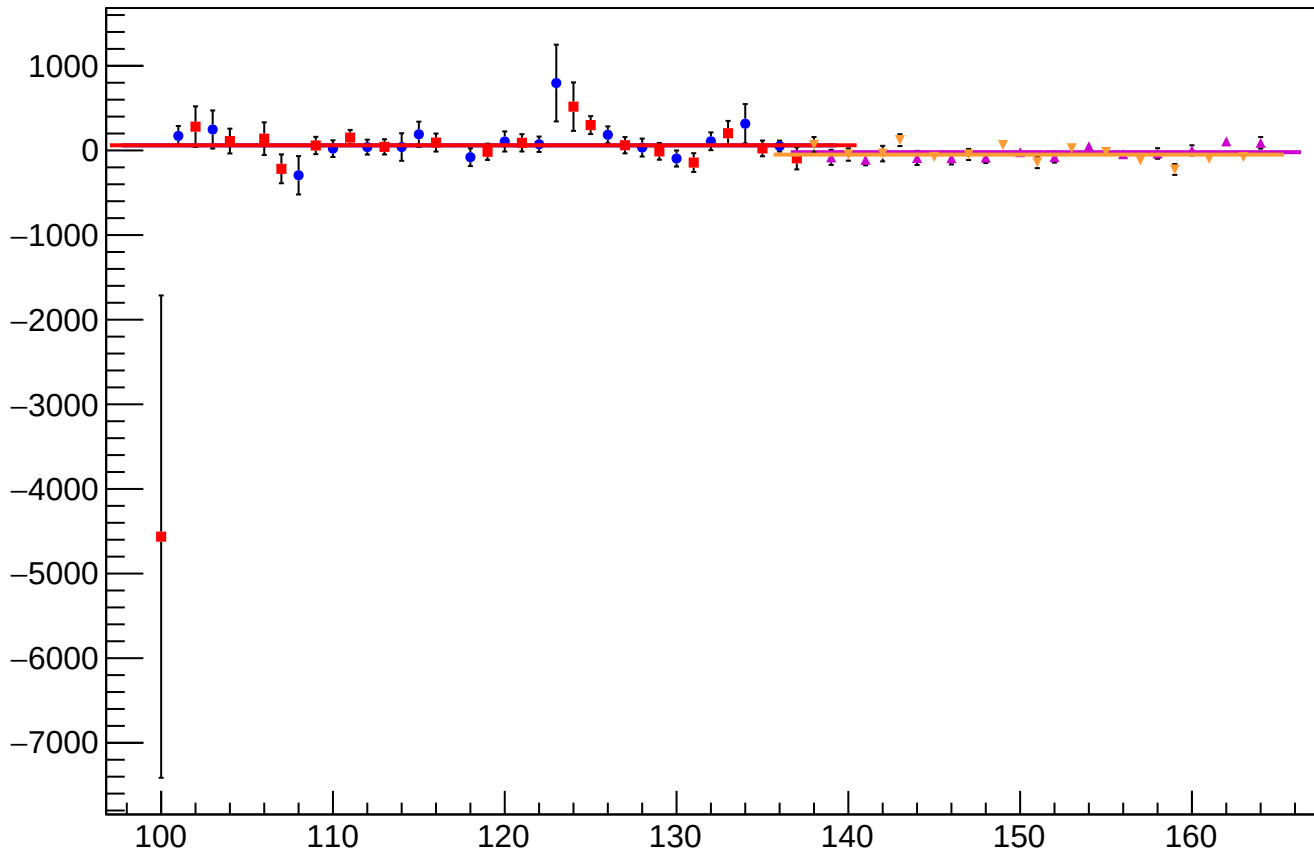
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1766.429+/-0.311 χ^2/NDF : 1830611.8/29

Out: 1773.933+/-0.307 χ^2/NDF : 2195546.3/32

All: 1770.222+/-0.219 χ^2/NDF : 4026452.9/62

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: -49.097 $\pm$ 17.023 χ^2 /NDF:25.2/13

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -20.581 $\pm$ 17.813 χ^2 /NDF:15.3/12

Left: -35.486 $\pm$ 12.307 χ^2 /NDF: 41.8/26

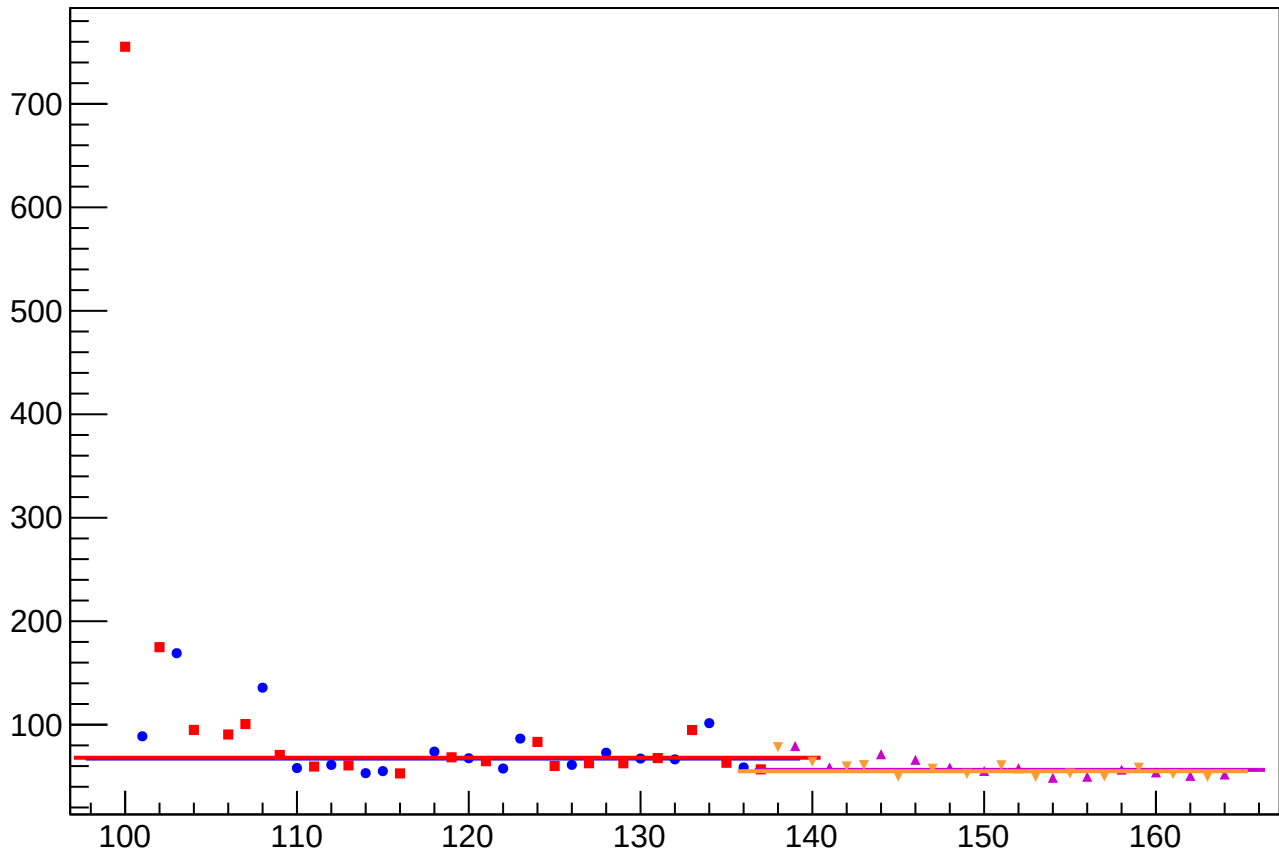
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: 3.653 $\pm$ 14.882 χ^2 /NDF:36.7/29

Out: -17.802 $\pm$ 14.401 χ^2 /NDF:59.4/32

All: -7.427 $\pm$ 10.349 χ^2 /NDF: 97.2/62

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 55.026 $\pm$ 0.012 χ^2 /NDF: 282879.5/13

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 56.346 $\pm$ 0.013 χ^2 /NDF: 340985.3/12

Left: 55.656 $\pm$ 0.009 χ^2 /NDF: 629598.7/26

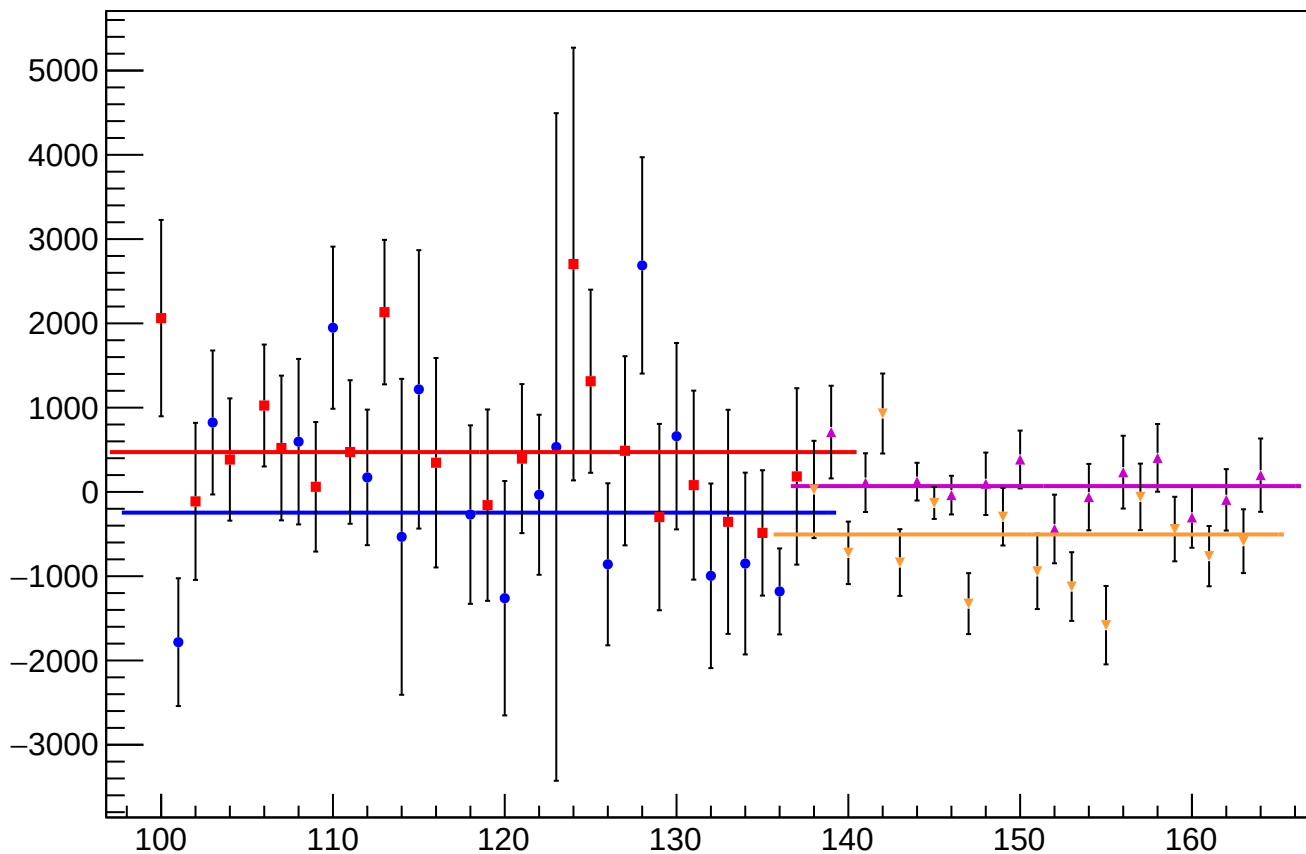
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 59.653 $\pm$ 0.011 χ^2 /NDF: 1410646.9/29

Out: 58.732 $\pm$ 0.010 χ^2 /NDF: 1486822.7/32

All: 59.177 $\pm$ 0.007 χ^2 /NDF: 2901429.8/62

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -504.577 ± 95.871 χ^2/NDF : 31.0/13

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 69.294 ± 94.981 χ^2/NDF : 6.4/12

Left: -214.964 ± 67.474 χ^2/NDF : 55.4/26

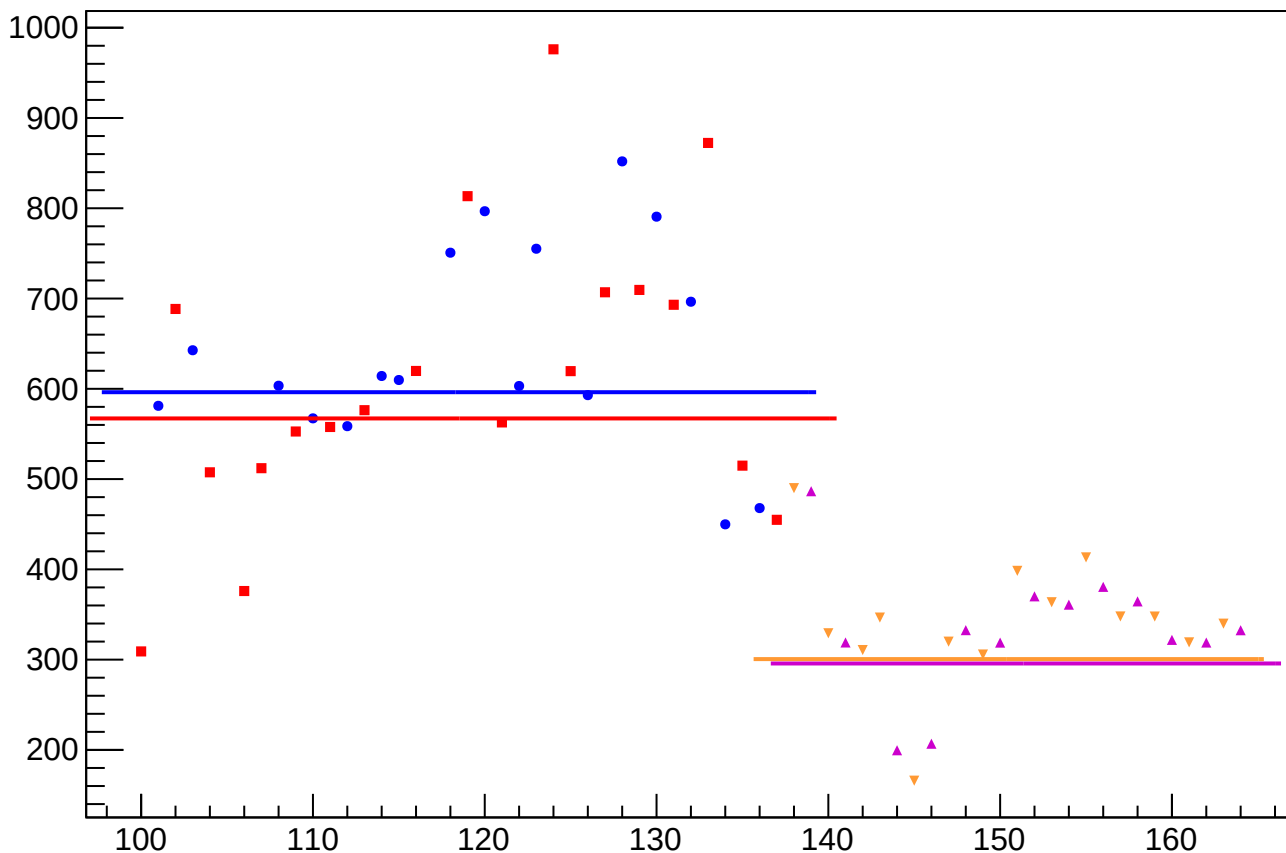
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 25.204 ± 88.081 χ^2/NDF : 31.7/29

Out: -347.172 ± 87.813 χ^2/NDF : 59.0/32

All: -161.552 ± 62.188 χ^2/NDF : 99.6/62

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 300.594+/-0.068 χ^2/NDF : 1615495.6/13

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 295.749+/-0.067 χ^2/NDF : 1238493.1/12

Left: 298.149+/-0.048 χ^2/NDF : 2856566.6/26

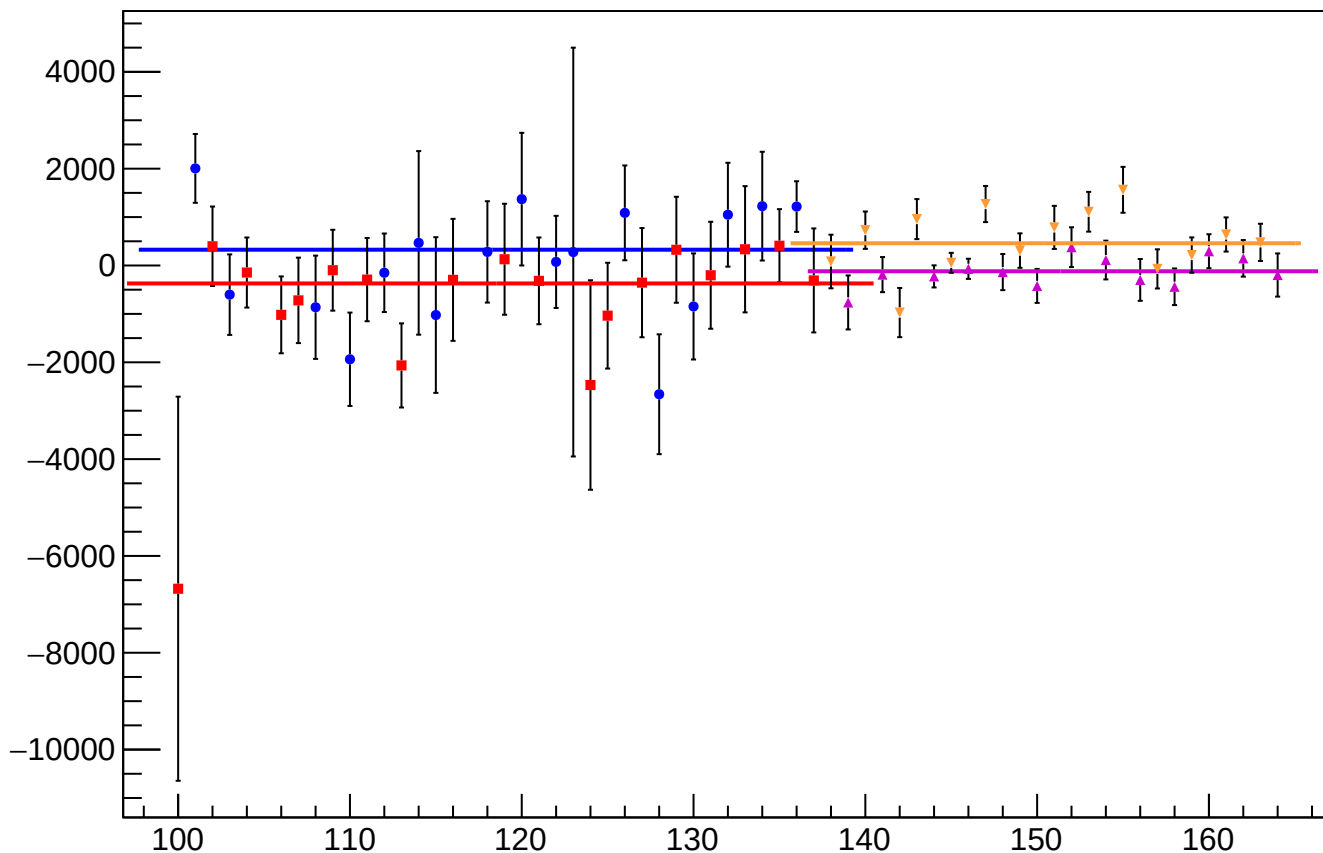
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 337.820+/-0.062 χ^2/NDF : 4463353.9/29

Out: 343.524+/-0.062 χ^2/NDF : 4781169.5/32

All: 340.681+/-0.044 χ^2/NDF : 9248730.9/62

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 458.935+/-98.896 χ^2/NDF :30.0/13

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -119.432+/-94.067 χ^2/NDF :7.0/12

Left: 155.285+/-68.159 χ^2/NDF : 55.0/26

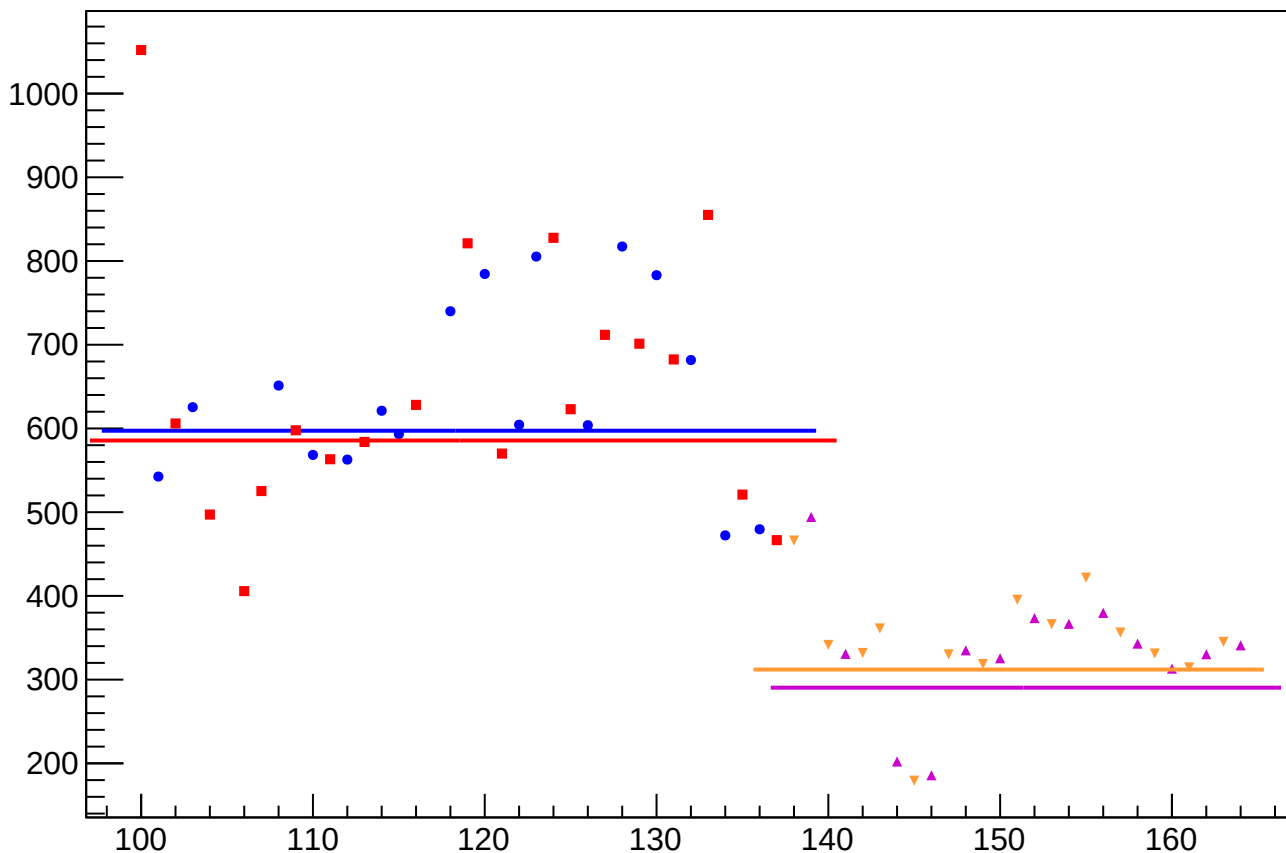
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -58.177+/-87.361 χ^2/NDF :36.9/29

Out: 324.494+/-90.530 χ^2/NDF :52.9/32

All: 126.344+/-62.864 χ^2/NDF : 99.1/62

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 312.025 $\pm$ 0.070 χ^2 /NDF: 1292803.6/13

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 290.394 $\pm$ 0.067 χ^2 /NDF: 1478434.8/12

Left: 300.668 $\pm$ 0.048 χ^2 /NDF: 2821475.4/26

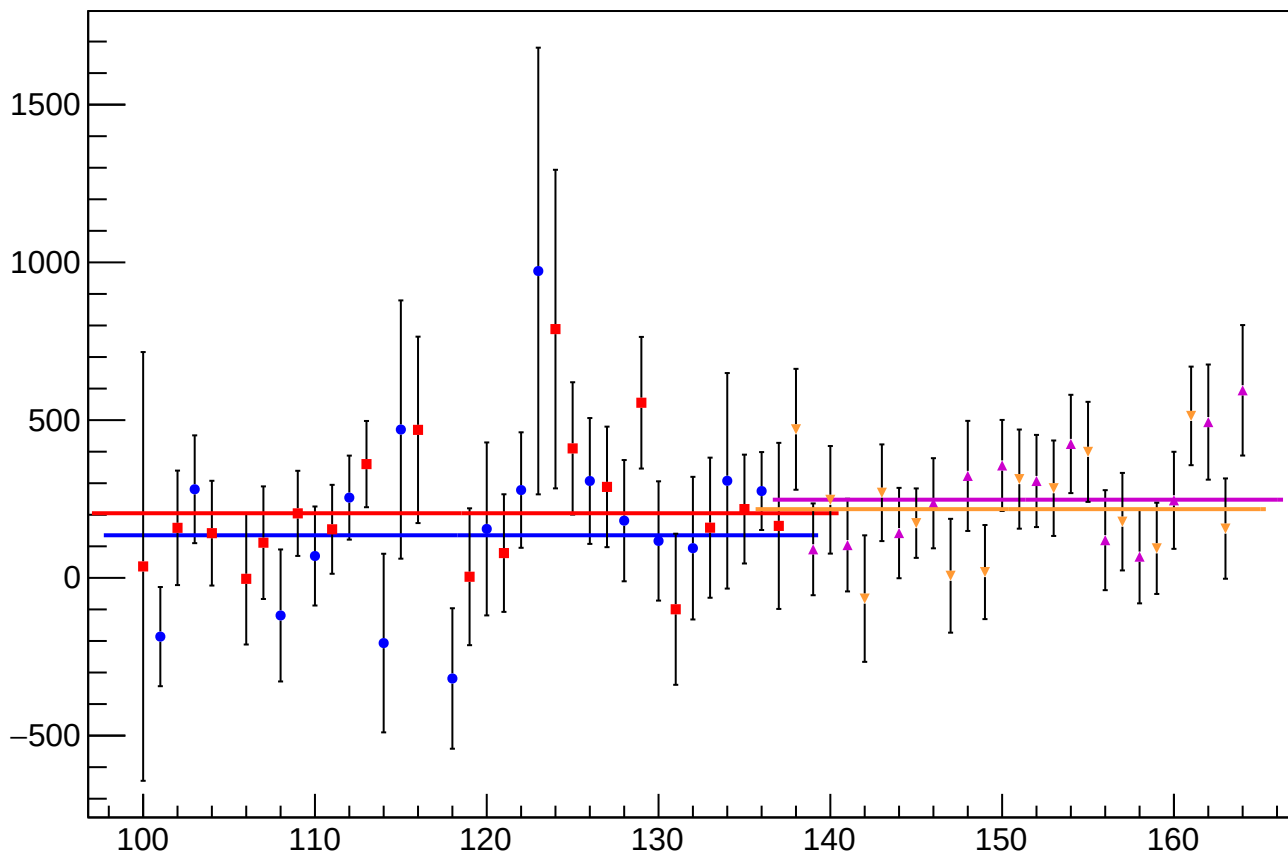
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 332.591 $\pm$ 0.062 χ^2 /NDF: 4769276.5/29

Out: 356.359 $\pm$ 0.064 χ^2 /NDF: 4247709.1/32

All: 344.052 $\pm$ 0.044 χ^2 /NDF: 9088368.1/62

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: 217.846 $\pm$ 41.468 χ^2/NDF :13.6/13

Right Out: 204.866 $\pm$ 44.440 χ^2/NDF : 12.1/18

Left In: 247.822 $\pm$ 42.980 χ^2/NDF :11.7/12

Left: 232.297 $\pm$ 29.843 χ^2/NDF : 25.5/26

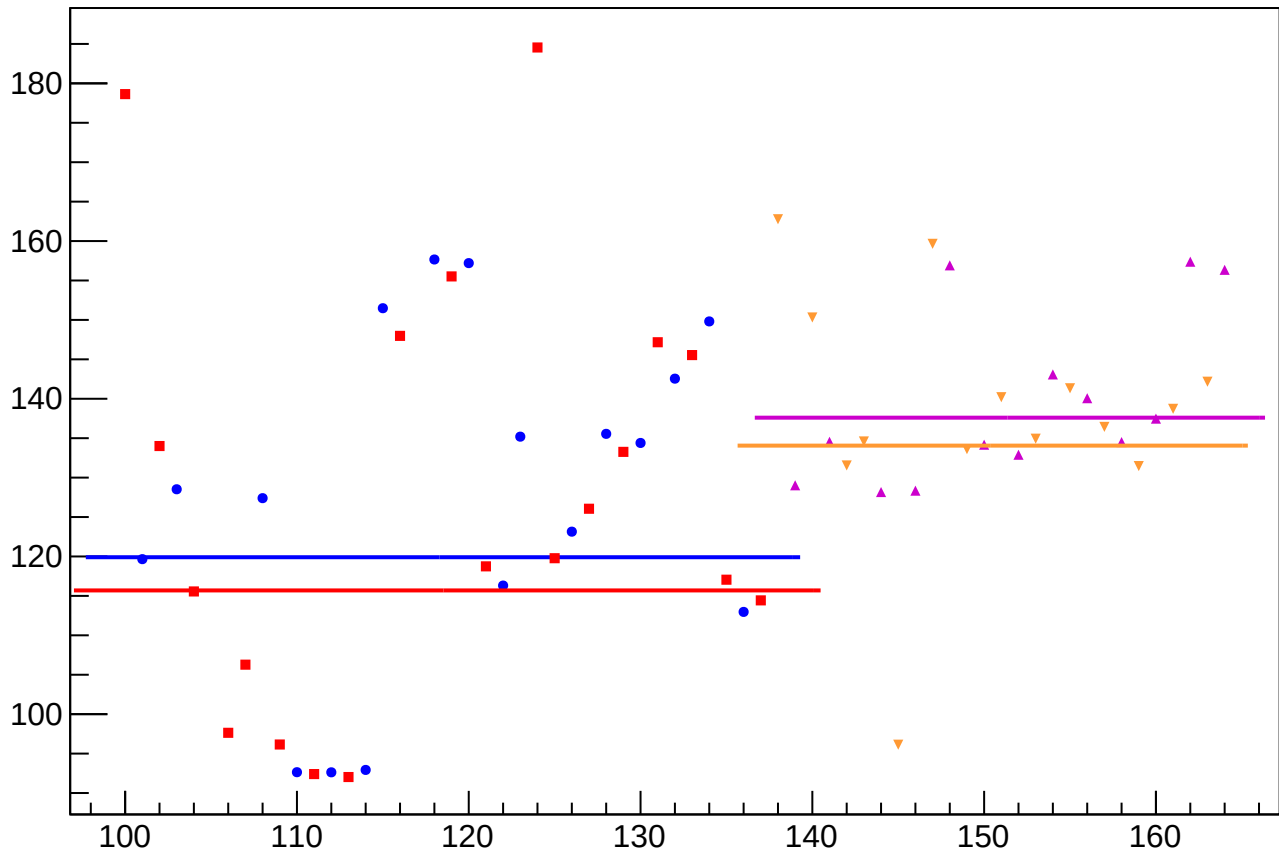
Right: 171.919 $\pm$ 32.299 χ^2/NDF : 31.3/35

In: 196.484 $\pm$ 31.725 χ^2/NDF :32.8/29

Out: 211.804 $\pm$ 30.319 χ^2/NDF :25.7/32

All: 204.491 $\pm$ 21.919 χ^2/NDF : 58.7/62

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: 134.058 $\pm$ 0.029 χ^2 /NDF:356599.9/13

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 137.601 $\pm$ 0.030 χ^2 /NDF:96371.4/12

Left: 135.766 $\pm$ 0.021 χ^2 /NDF: 460013.6/26

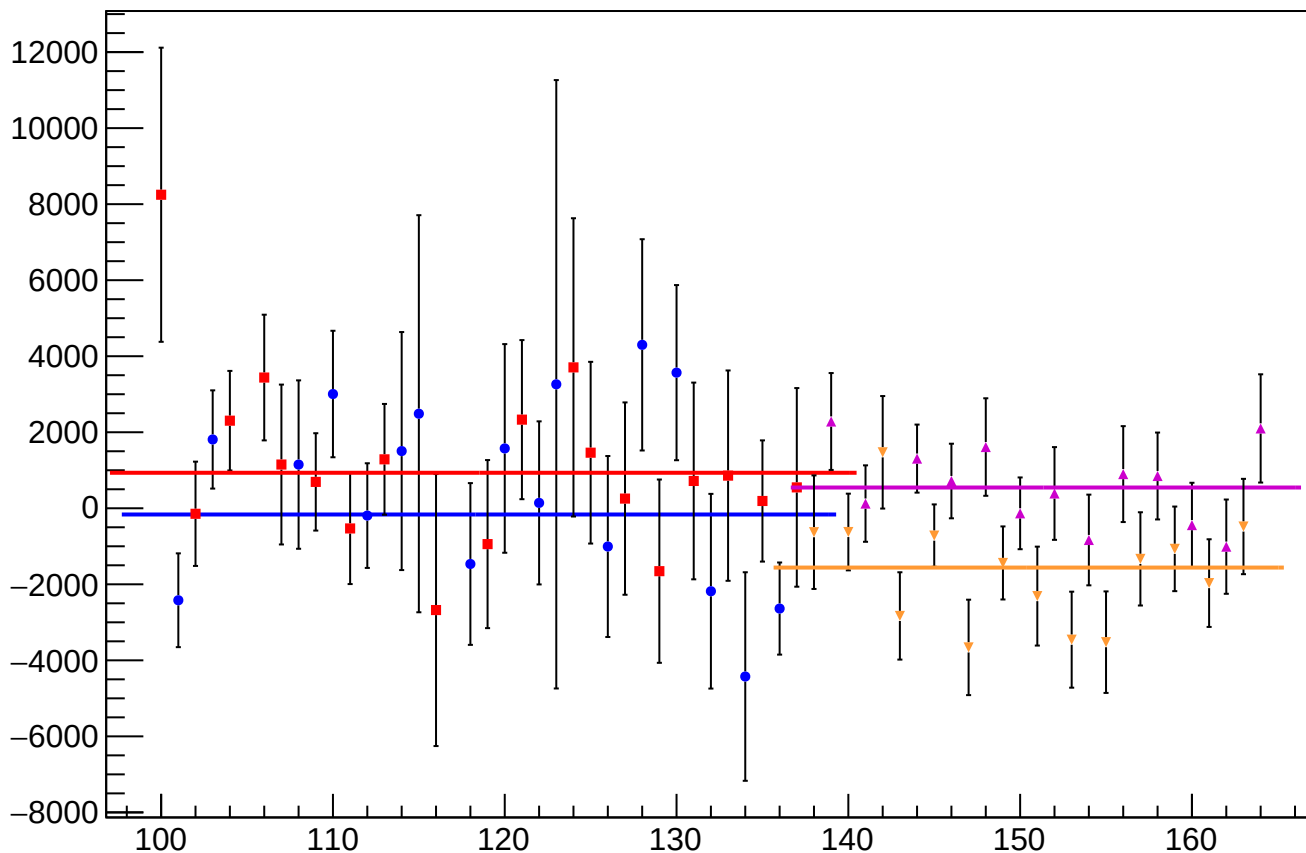
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 129.546 $\pm$ 0.022 χ^2 /NDF:596230.9/29

Out: 125.510 $\pm$ 0.021 χ^2 /NDF:974514.6/32

All: 127.436 $\pm$ 0.015 χ^2 /NDF: 1587667.2/62

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: -1559.823 $\pm$ 308.790 χ^2 /NDF:16.4/13

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 546.013 $\pm$ 310.965 χ^2 /NDF:9.1/12

Left: -514.295 $\pm$ 219.113 χ^2 /NDF: 48.5/26

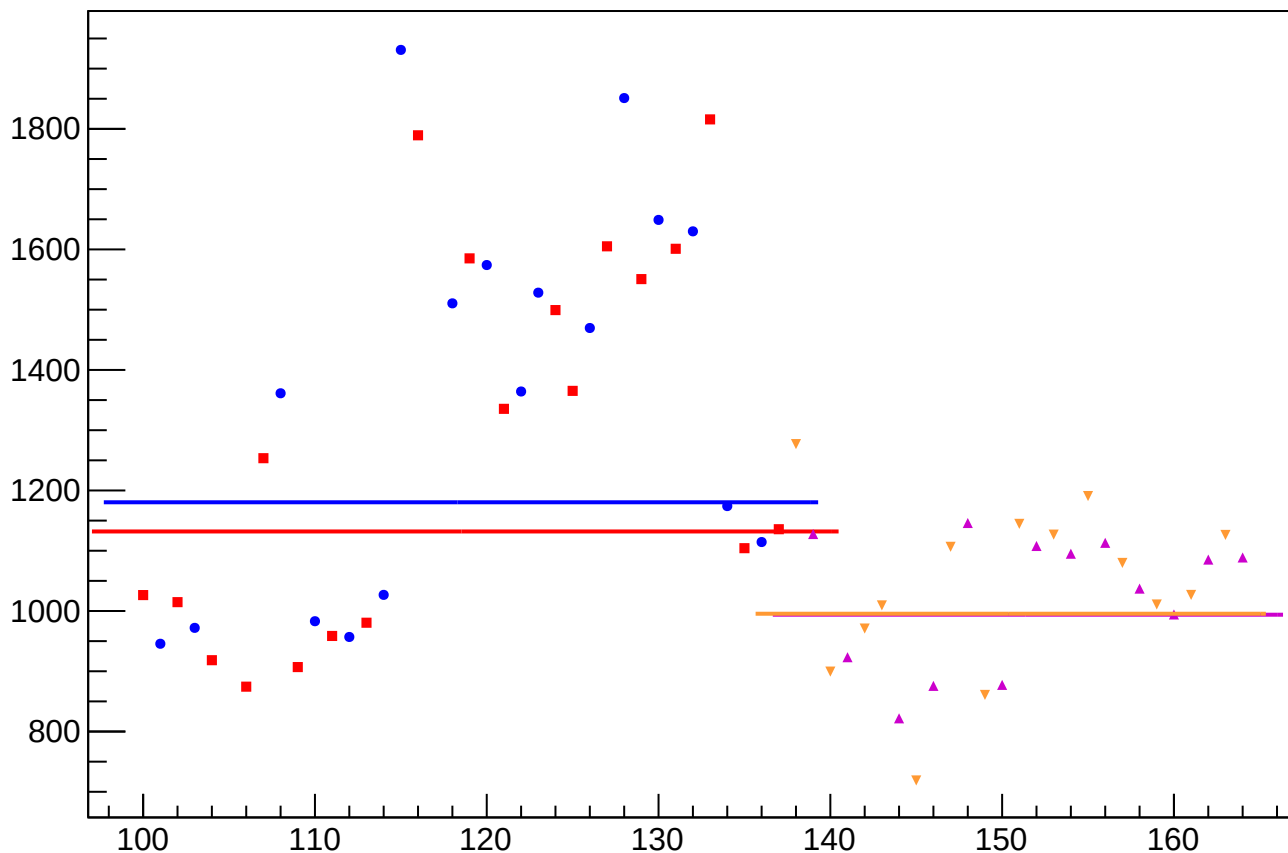
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 329.715 $\pm$ 259.272 χ^2 /NDF:34.3/29

Out: -730.965 $\pm$ 252.309 χ^2 /NDF:51.0/32

All: -215.058 $\pm$ 180.821 χ^2 /NDF: 93.9/62

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 995.460+/-0.218 χ^2/NDF : 495974.8/13

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 993.835+/-0.220 χ^2/NDF : 265682.6/12

Left: 994.653+/-0.155 χ^2/NDF : 761684.9/26

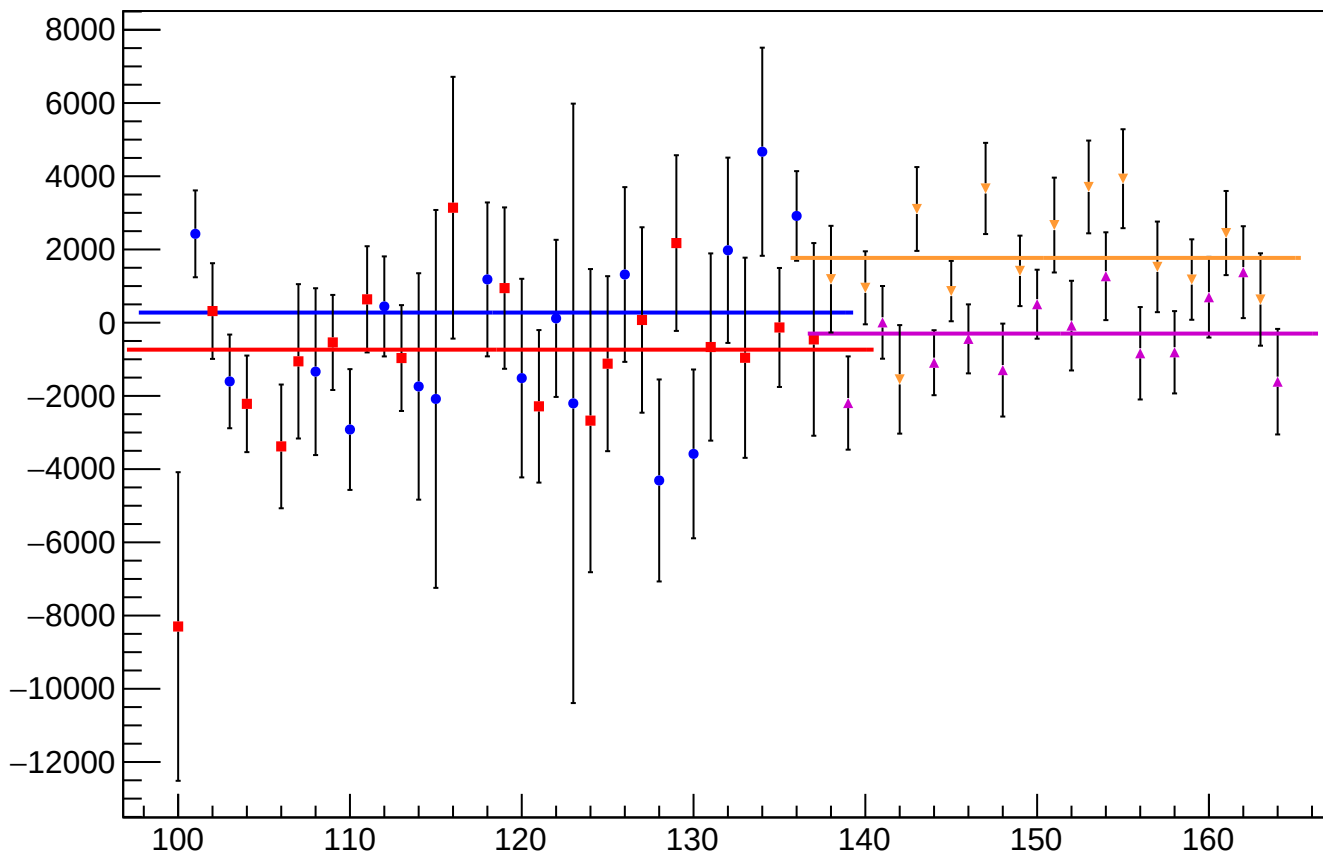
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1050.708+/-0.183 χ^2/NDF : 1153983.9/29

Out: 1040.834+/-0.178 χ^2/NDF : 1387806.2/32

All: 1045.637+/-0.128 χ^2/NDF : 2543280.0/62

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1769.322+/-308.253 χ^2/NDF :17.7/13

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: -297.847+/-308.720 χ^2/NDF :10.0/12

Left: 737.302+/-218.132 χ^2/NDF : 50.2/26

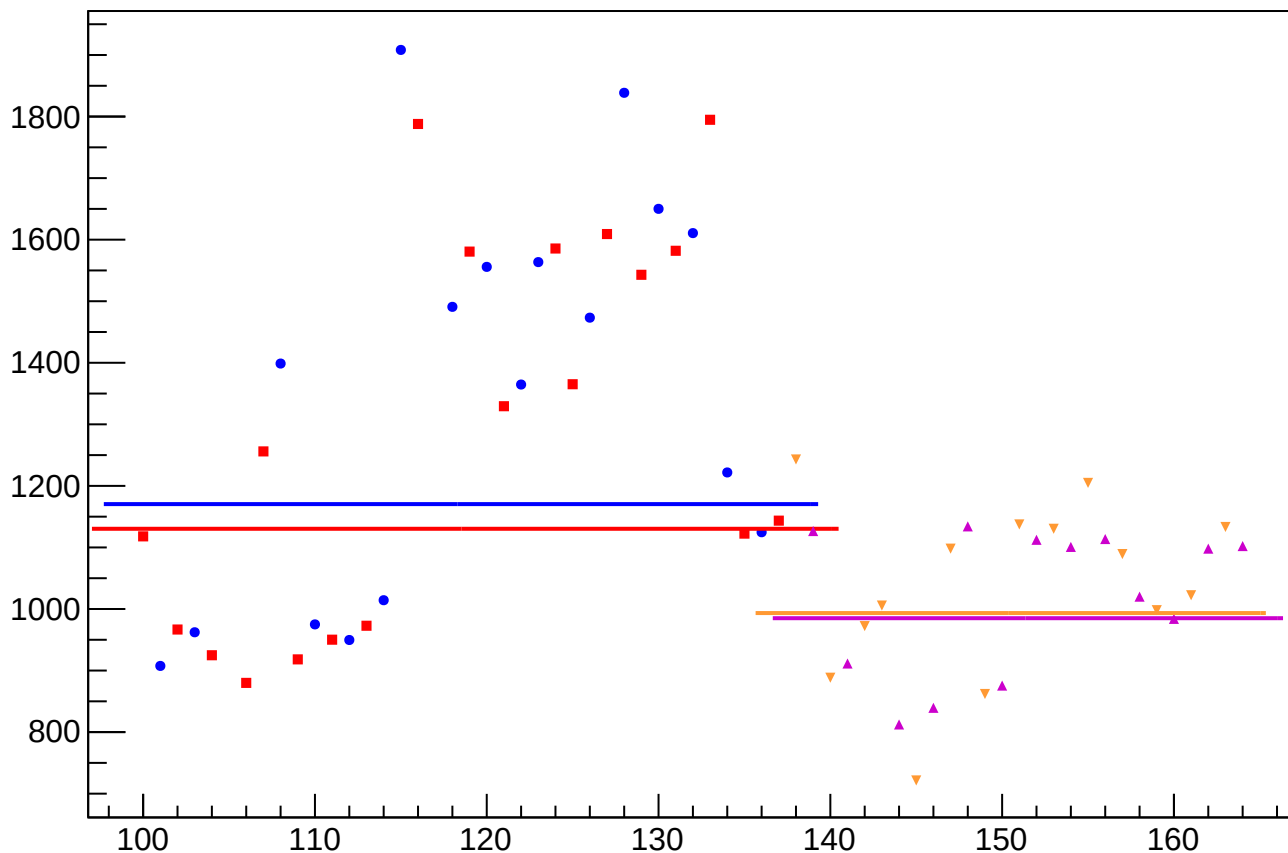
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: -122.905+/-257.437 χ^2/NDF :35.4/29

Out: 937.821+/-251.977 χ^2/NDF :52.5/32

All: 418.824+/-180.074 χ^2/NDF : 96.6/62

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 993.402 $\pm$ 0.218 χ^2/NDF : 485513.9/13

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 985.046 $\pm$ 0.218 χ^2/NDF : 306093.7/12

Left: 989.230 $\pm$ 0.154 χ^2/NDF : 792341.2/26

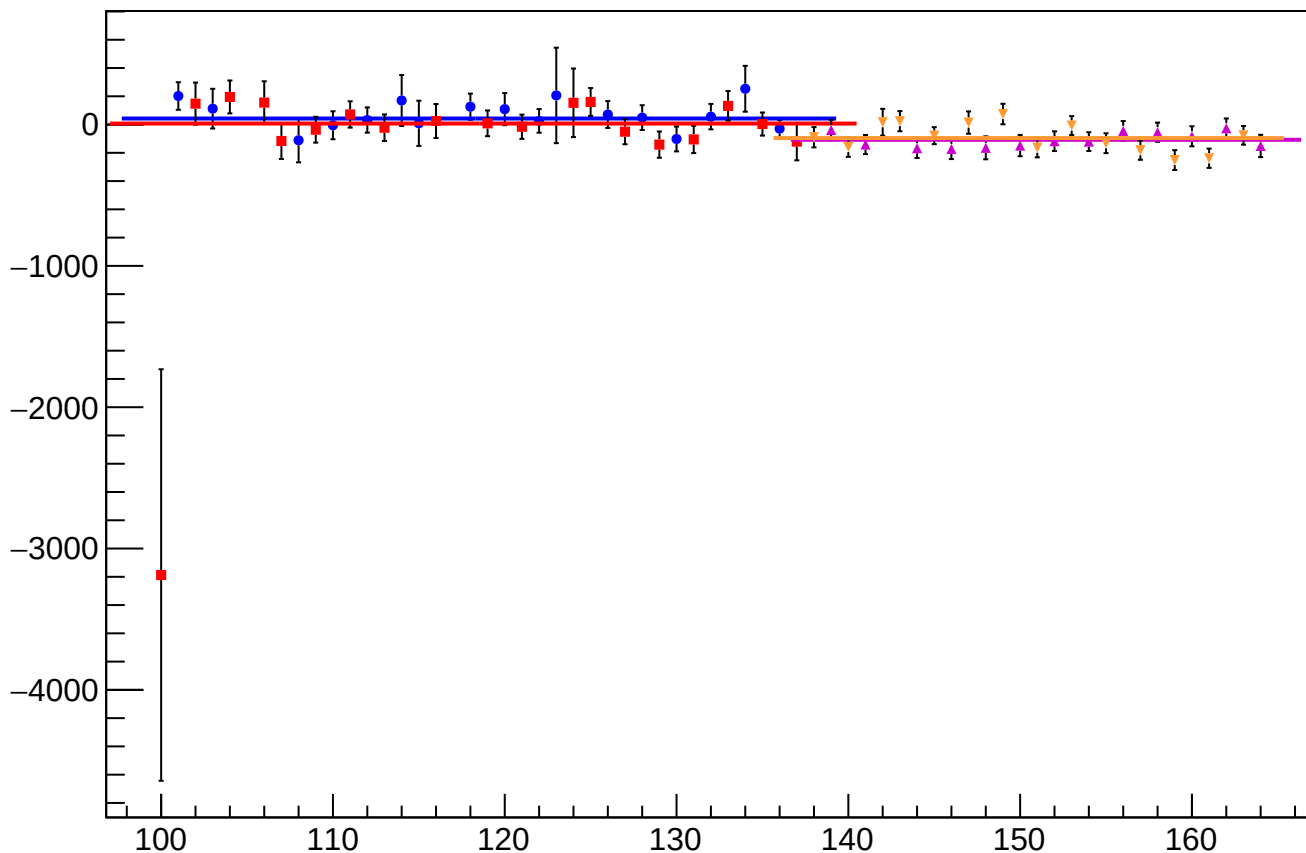
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1041.512 $\pm$ 0.182 χ^2/NDF : 1231217.5/29

Out: 1038.831 $\pm$ 0.178 χ^2/NDF : 1379483.6/32

All: 1040.143 $\pm$ 0.127 χ^2/NDF : 2610812.0/62

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: -95.567 ± 18.771 $\chi^2/\text{NDF}: 26.5/13$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -107.793 ± 19.739 $\chi^2/\text{NDF}: 6.8/12$

Left: -101.373 ± 13.602 $\chi^2/\text{NDF}: 33.5/26$

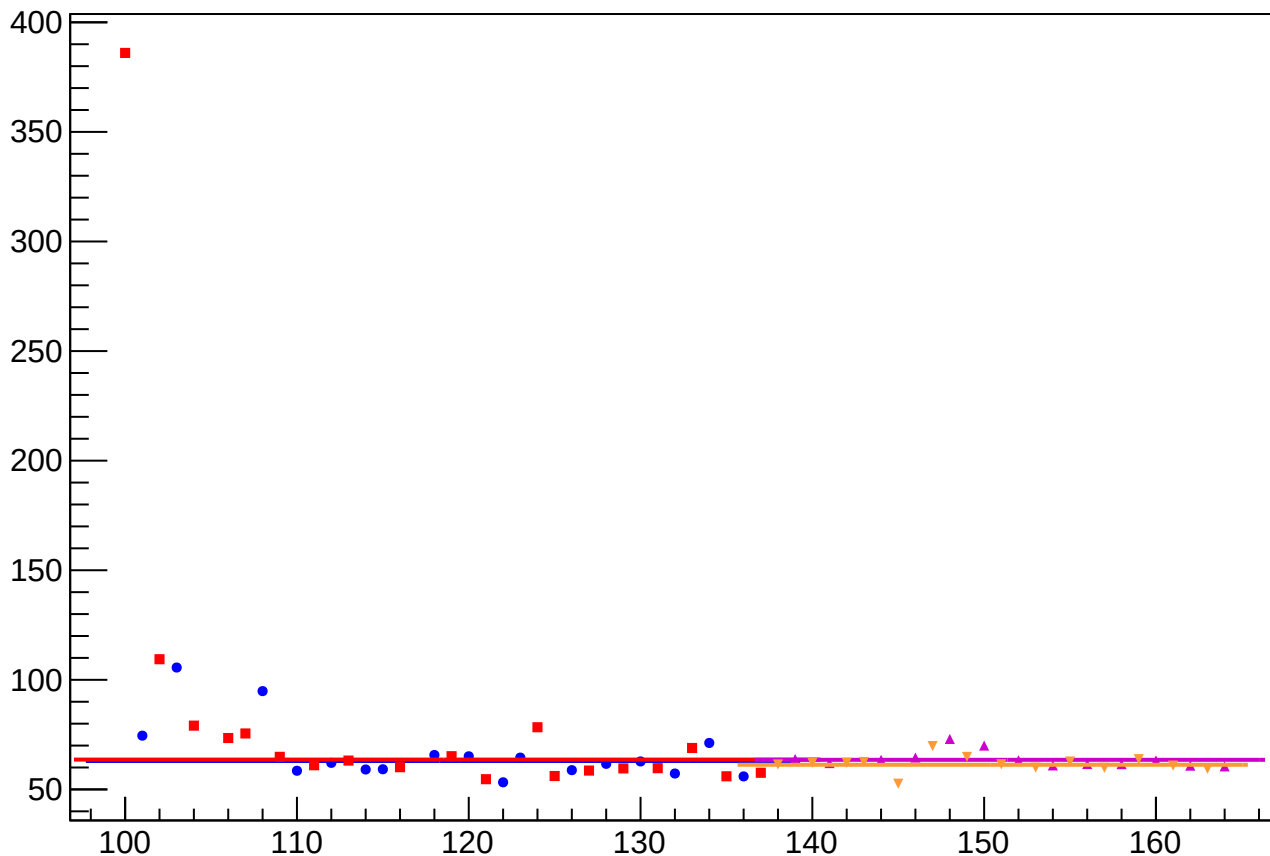
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -49.154 ± 15.420 $\chi^2/\text{NDF}: 41.4/29$

Out: -57.575 ± 14.898 $\chi^2/\text{NDF}: 58.2/32$

All: -53.510 ± 10.714 $\chi^2/\text{NDF}: 99.8/62$

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: 61.244 $\pm$ 0.013 χ^2 /NDF: 77636.2/13

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.505 $\pm$ 0.014 χ^2 /NDF: 55908.1/12

Left: 62.318 $\pm$ 0.010 χ^2 /NDF: 147326.3/26

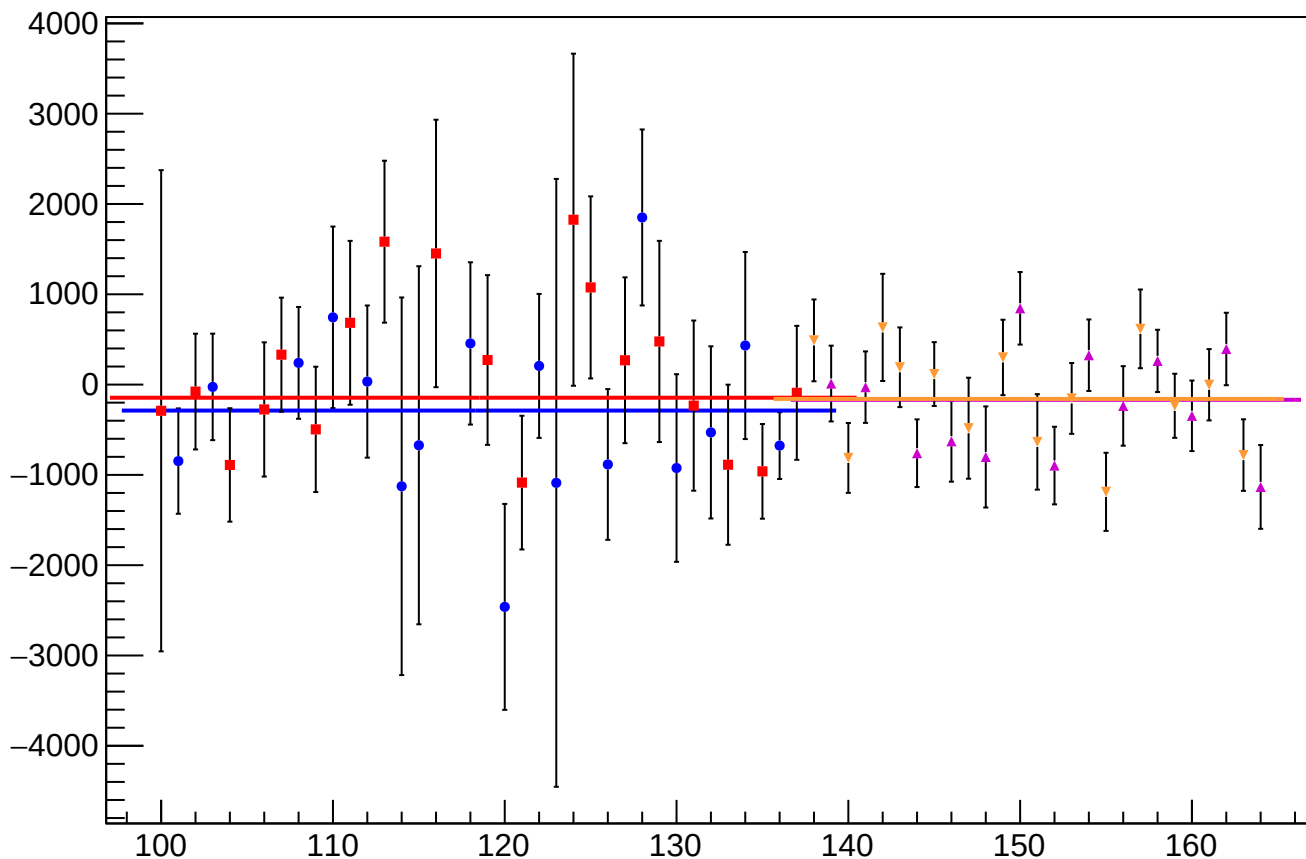
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.301 $\pm$ 0.011 χ^2 /NDF: 431723.6/29

Out: 62.121 $\pm$ 0.011 χ^2 /NDF: 522976.4/32

All: 62.691 $\pm$ 0.008 χ^2 /NDF: 960753.8/62

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -158.666 $\pm$ 113.318 χ^2 /NDF:21.8/13

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -168.452 $\pm$ 114.451 χ^2 /NDF:24.0/12

Left: -163.510 $\pm$ 80.526 χ^2 /NDF: 45.8/26

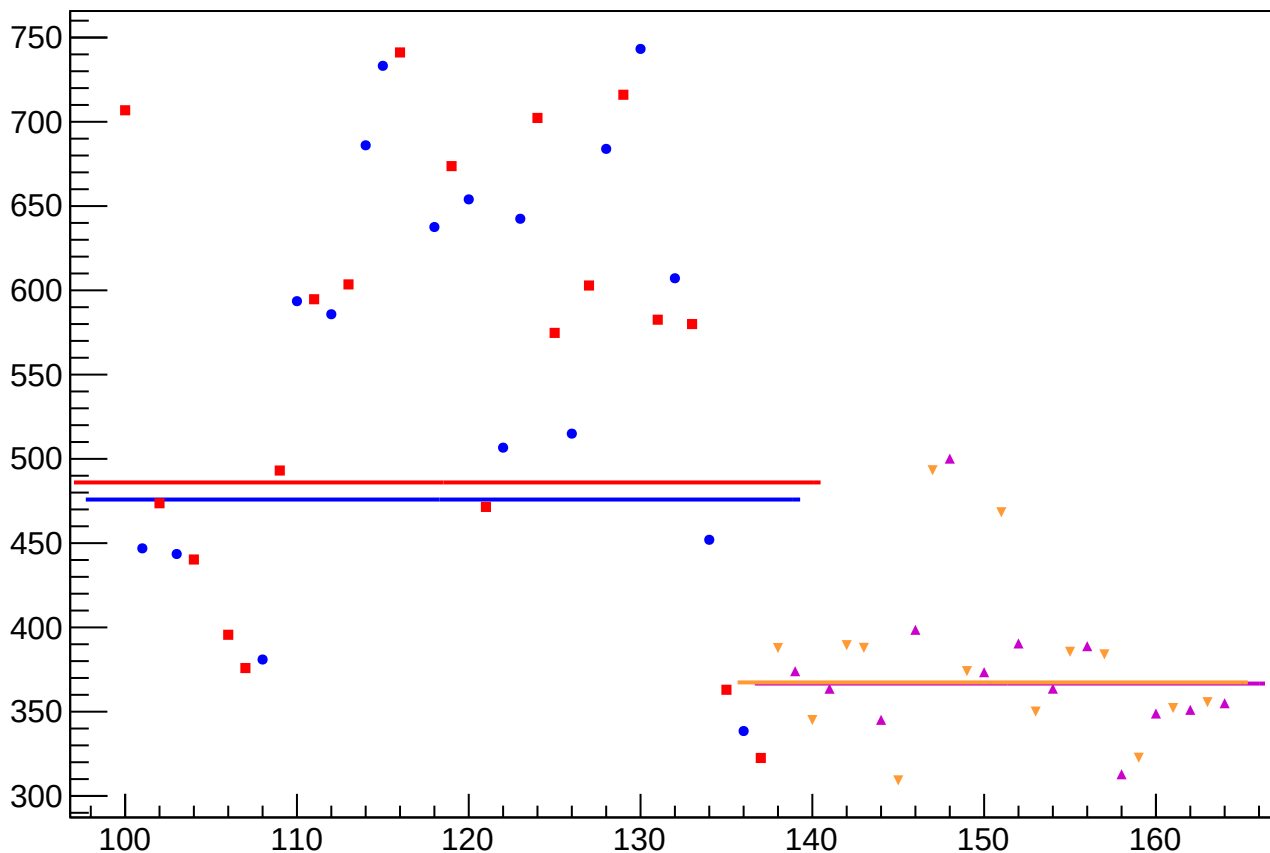
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -200.224 $\pm$ 98.023 χ^2 /NDF:39.6/29

Out: -155.096 $\pm$ 96.956 χ^2 /NDF:37.8/32

All: -177.413 $\pm$ 68.932 χ^2 /NDF: 77.6/62

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: 367.370+/-0.080 χ^2/NDF : 293479.9/13

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 366.684+/-0.081 χ^2/NDF : 200289.4/12

Left: 367.030+/-0.057 χ^2/NDF : 493805.6/26

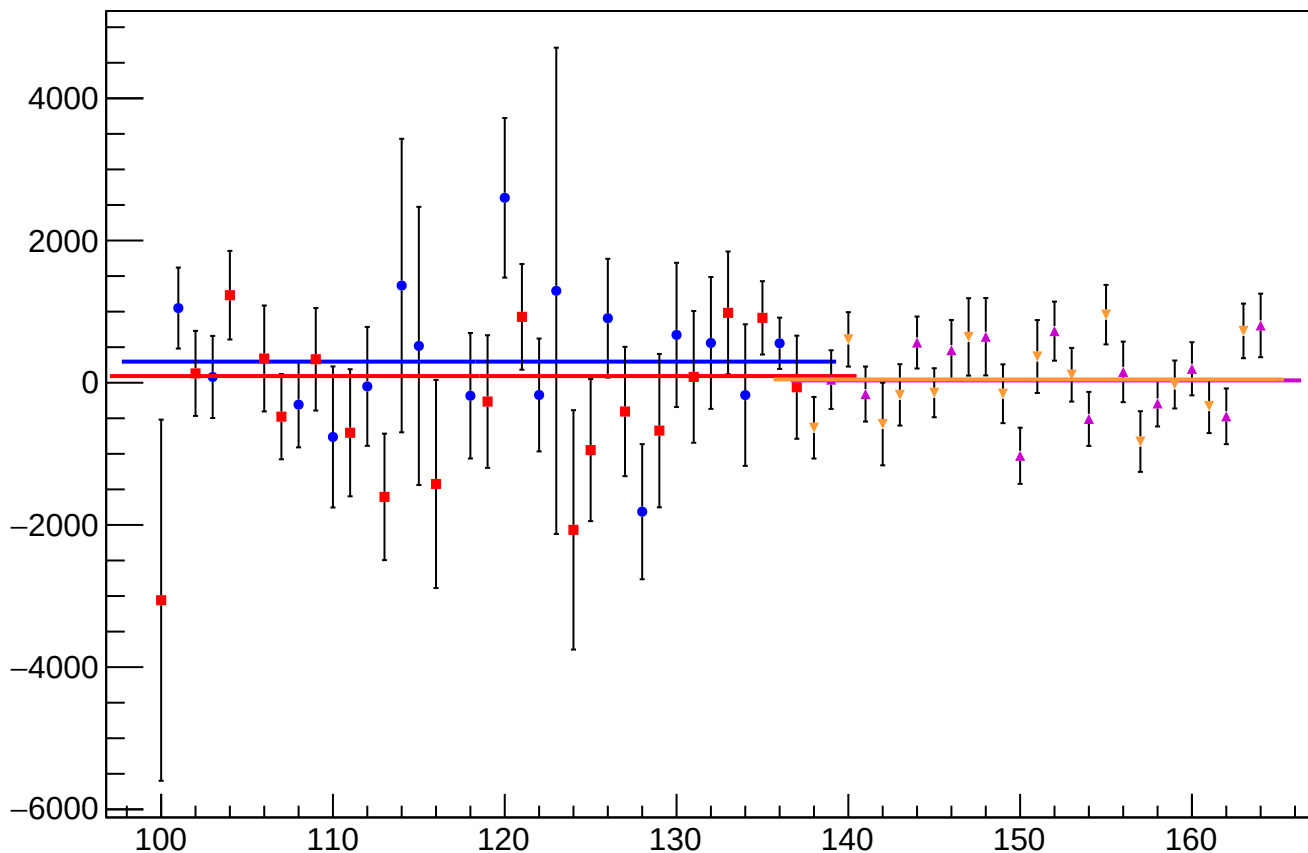
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 395.780+/-0.069 χ^2/NDF : 1523151.4/29

Out: 399.157+/-0.069 χ^2/NDF : 1610984.7/32

All: 397.487+/-0.049 χ^2/NDF : 3135336.2/62

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: 46.153 $\pm$ 109.994 χ^2 /NDF:21.3/13

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 32.769 $\pm$ 110.581 χ^2 /NDF:22.6/12

Left: 39.497 $\pm$ 77.985 χ^2 /NDF: 43.9/26

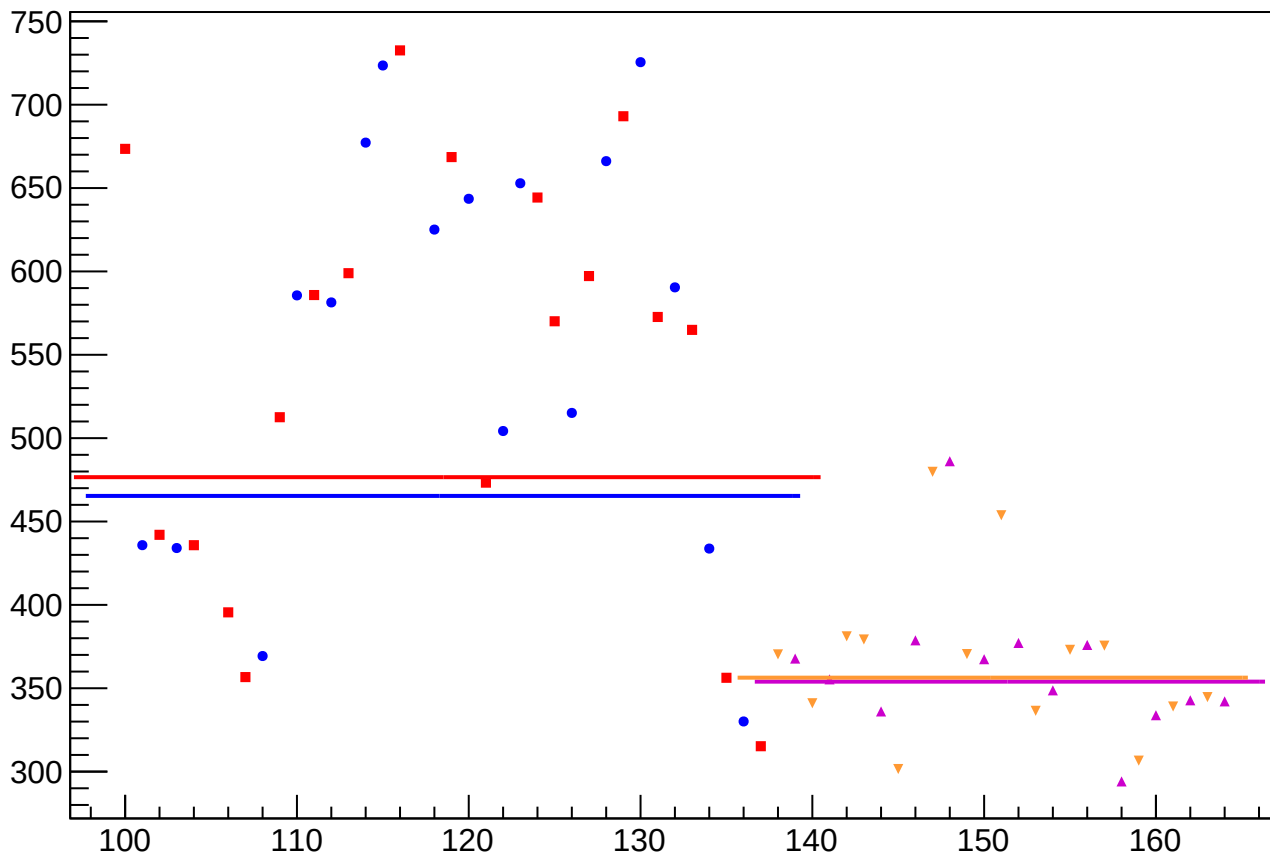
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 101.783 $\pm$ 95.048 χ^2 /NDF:39.9/29

Out: 58.633 $\pm$ 94.400 χ^2 /NDF:41.5/32

All: 80.060 $\pm$ 66.979 χ^2 /NDF: 81.5/62

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: 356.347 $\pm$ 0.078 χ^2/NDF :304914.1/13

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 353.960 $\pm$ 0.078 χ^2/NDF :223180.8/12

Left: 355.160 $\pm$ 0.055 χ^2/NDF : 528563.4/26

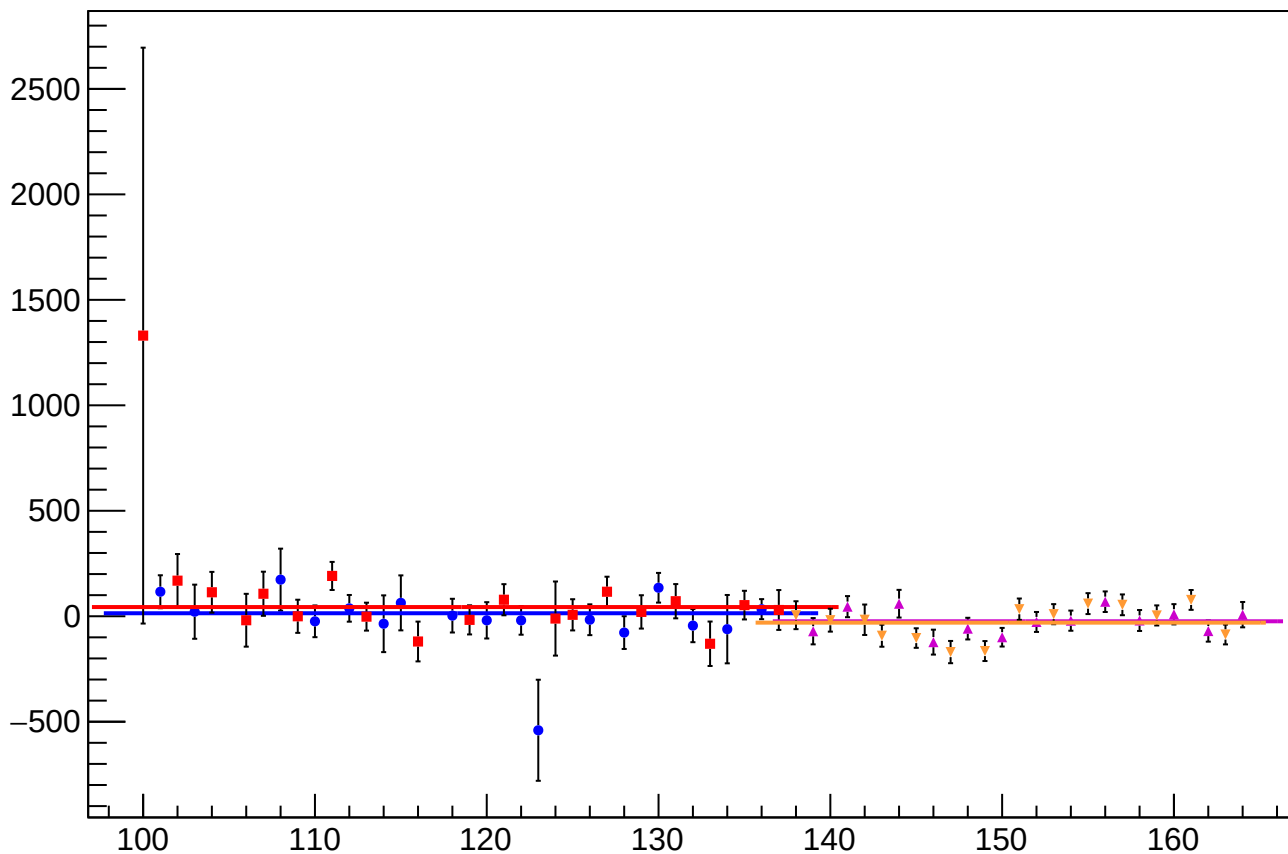
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 383.057 $\pm$ 0.067 χ^2/NDF :1613729.8/29

Out: 388.027 $\pm$ 0.067 χ^2/NDF :1687591.1/32

All: 385.559 $\pm$ 0.047 χ^2/NDF : 3304074.3/62

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: -30.313 ± 13.613 χ^2/NDF : 35.1/13

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -23.889 ± 14.310 χ^2/NDF : 15.5/12

Left: -27.261 ± 9.863 χ^2/NDF : 50.7/26

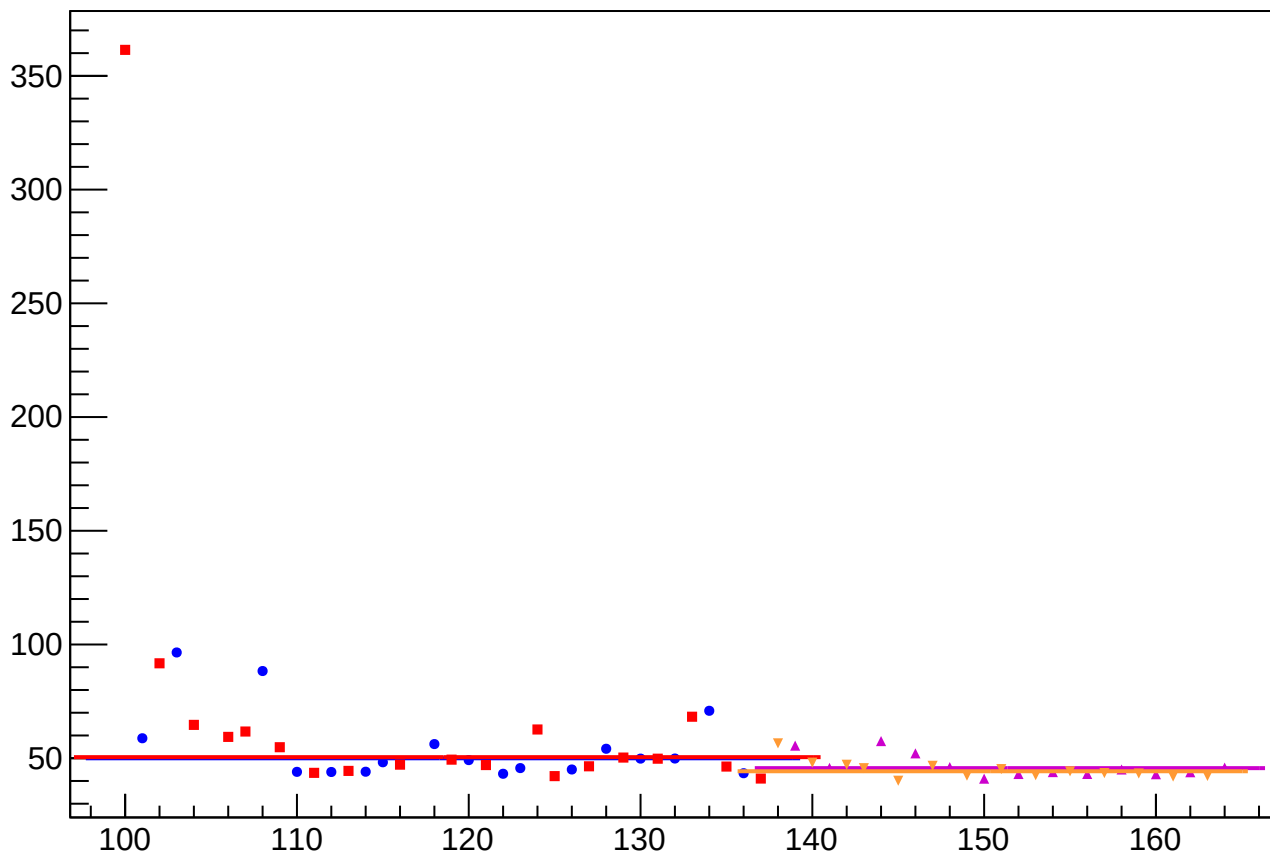
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -10.860 ± 11.611 χ^2/NDF : 32.7/29

Out: -6.340 ± 11.189 χ^2/NDF : 61.7/32

All: -8.516 ± 8.057 χ^2/NDF : 94.5/62

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 44.275+/-0.010 χ^2/NDF : 120159.2/13

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 45.641+/-0.010 χ^2/NDF : 185523.7/12

Left: 44.924+/-0.007 χ^2/NDF : 315242.9/26

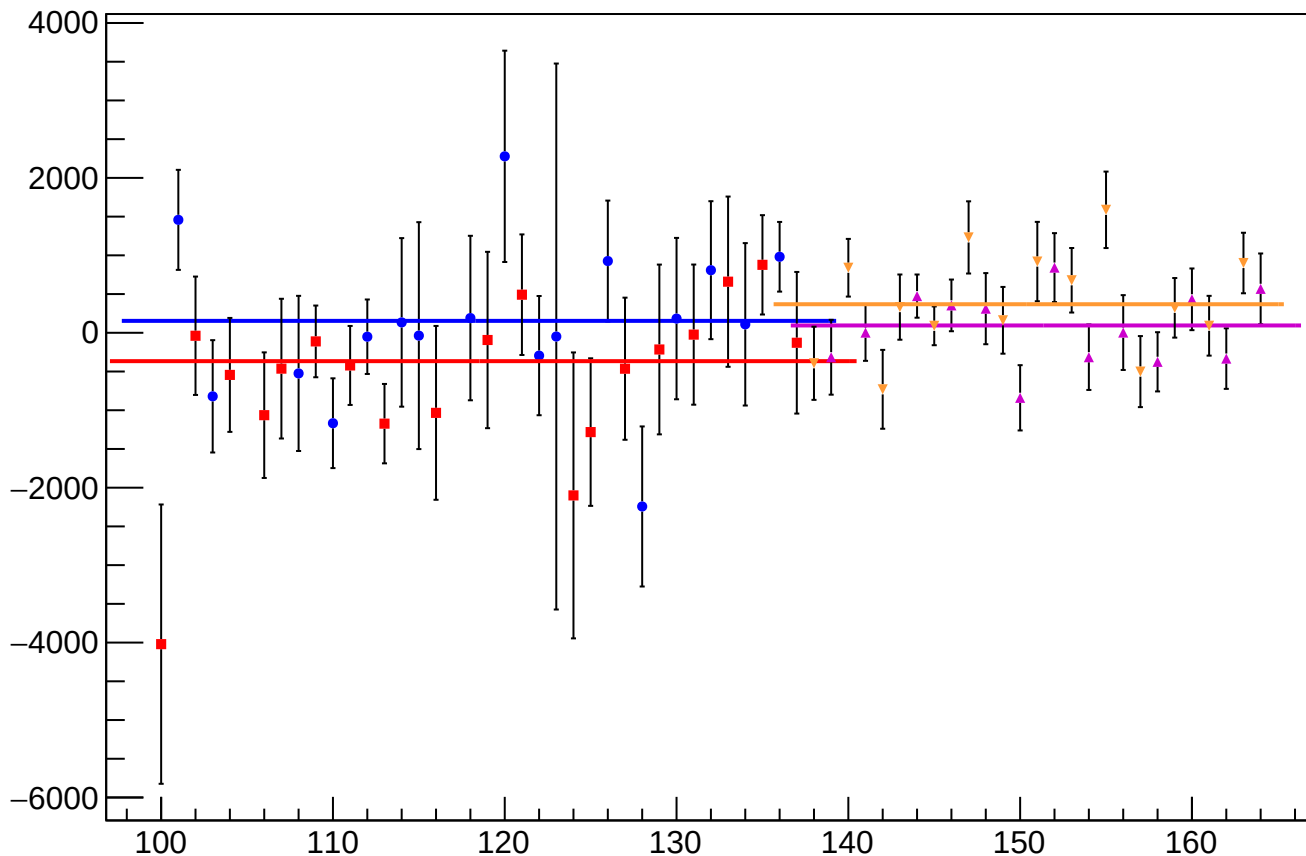
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 47.121+/-0.008 χ^2/NDF : 826898.4/29

Out: 46.285+/-0.008 χ^2/NDF : 825895.1/32

All: 46.687+/-0.006 χ^2/NDF : 1658162.2/62

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: 368.699 $\pm$ 108.113 χ^2 /NDF:27.6/13

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 94.627 $\pm$ 109.489 χ^2 /NDF:16.7/12

Left: 233.396 $\pm$ 76.929 χ^2 /NDF: 47.4/26

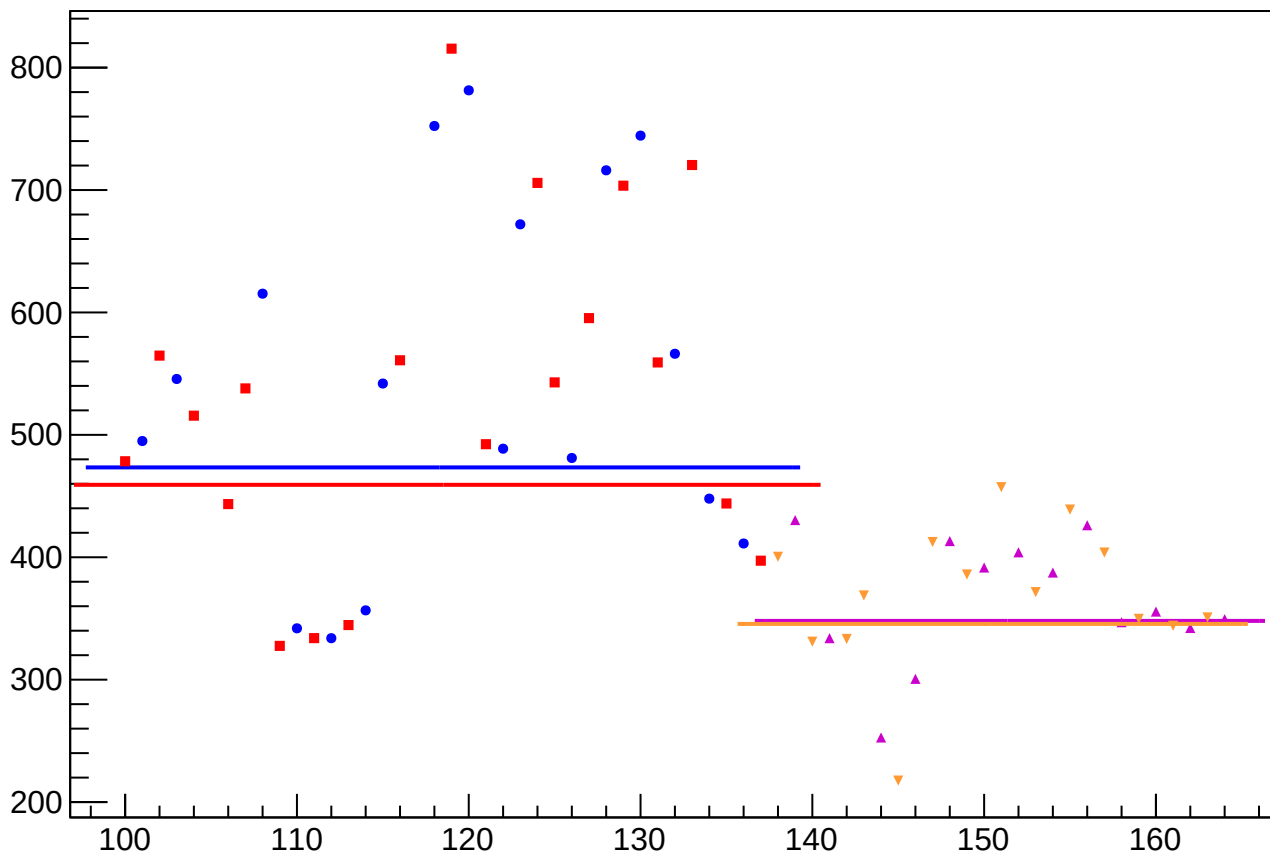
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 109.393 $\pm$ 94.860 χ^2 /NDF:41.5/29

Out: 172.099 $\pm$ 92.530 χ^2 /NDF:56.1/32

All: 141.526 $\pm$ 66.237 χ^2 /NDF: 97.9/62

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 345.551+/-0.076 χ^2/NDF : 825670.5/13

Right Out: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 348.016+/-0.077 χ^2/NDF : 499036.1/12

Left: 346.768+/-0.054 χ^2/NDF : 1325219.8/26

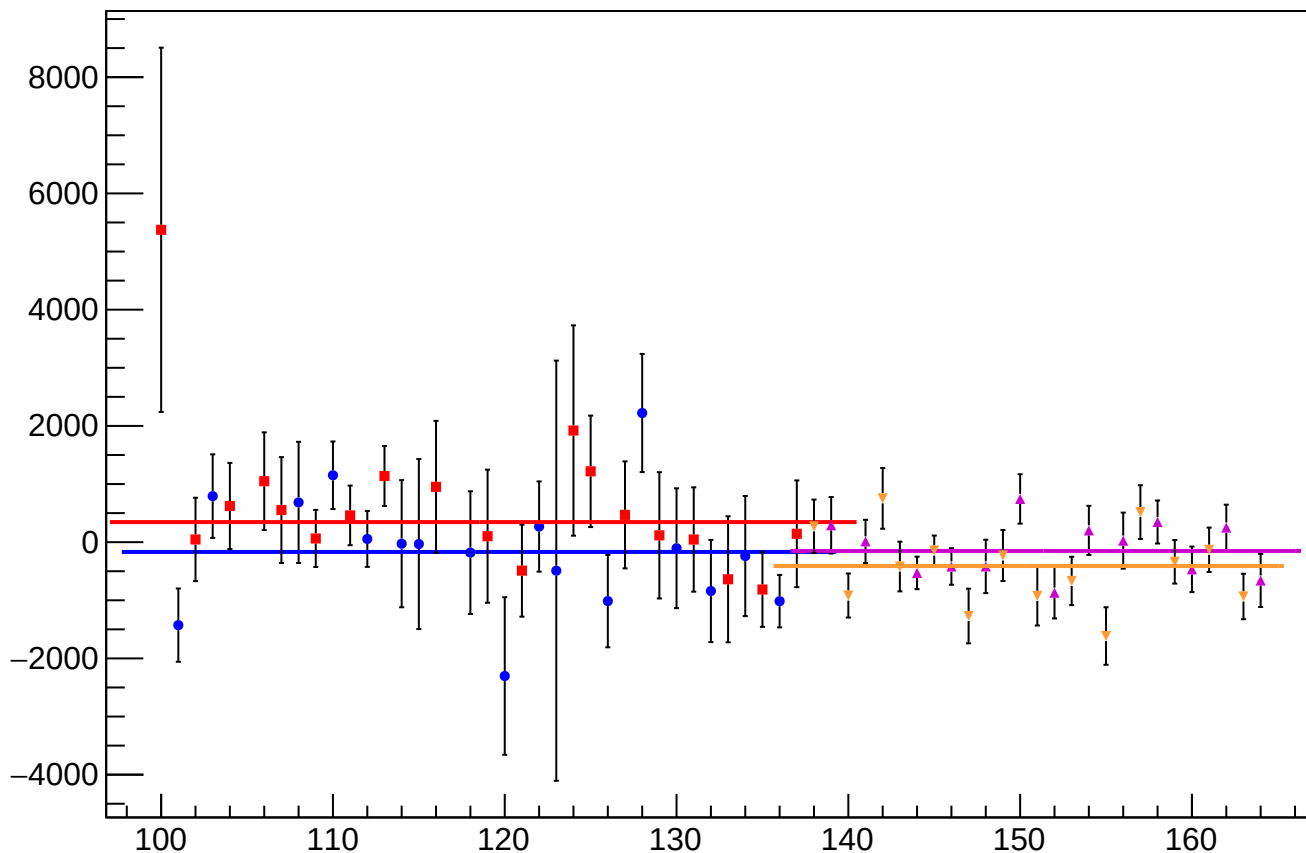
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 379.284+/-0.067 χ^2/NDF : 2068073.1/29

Out: 375.946+/-0.065 χ^2/NDF : 2423121.5/32

All: 377.573+/-0.047 χ^2/NDF : 4492463.6/62

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -410.774 ± 108.708 $\chi^2/\text{NDF}: 27.3/13$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -150.737 ± 108.585 $\chi^2/\text{NDF}: 16.6/12$

Left: -280.609 ± 76.825 $\chi^2/\text{NDF}: 46.7/26$

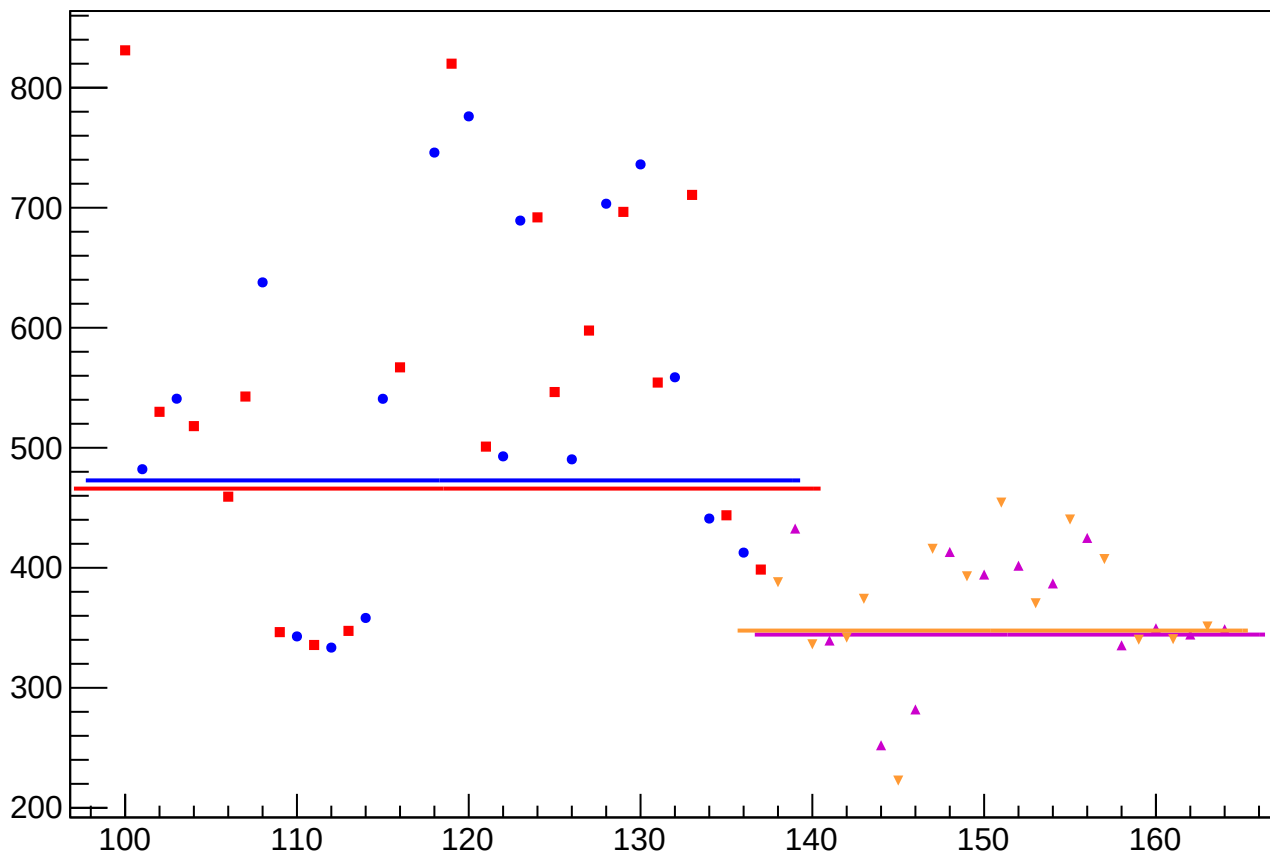
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -155.007 ± 94.246 $\chi^2/\text{NDF}: 42.0/29$

Out: -210.712 ± 93.226 $\chi^2/\text{NDF}: 53.8/32$

All: -183.163 ± 66.278 $\chi^2/\text{NDF}: 95.9/62$

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: 347.697 $\pm$ 0.077 χ^2/NDF : 760080.6/13

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 344.357 $\pm$ 0.077 χ^2/NDF : 547198.6/12

Left: 346.025 $\pm$ 0.054 χ^2/NDF : 1308224.1/26

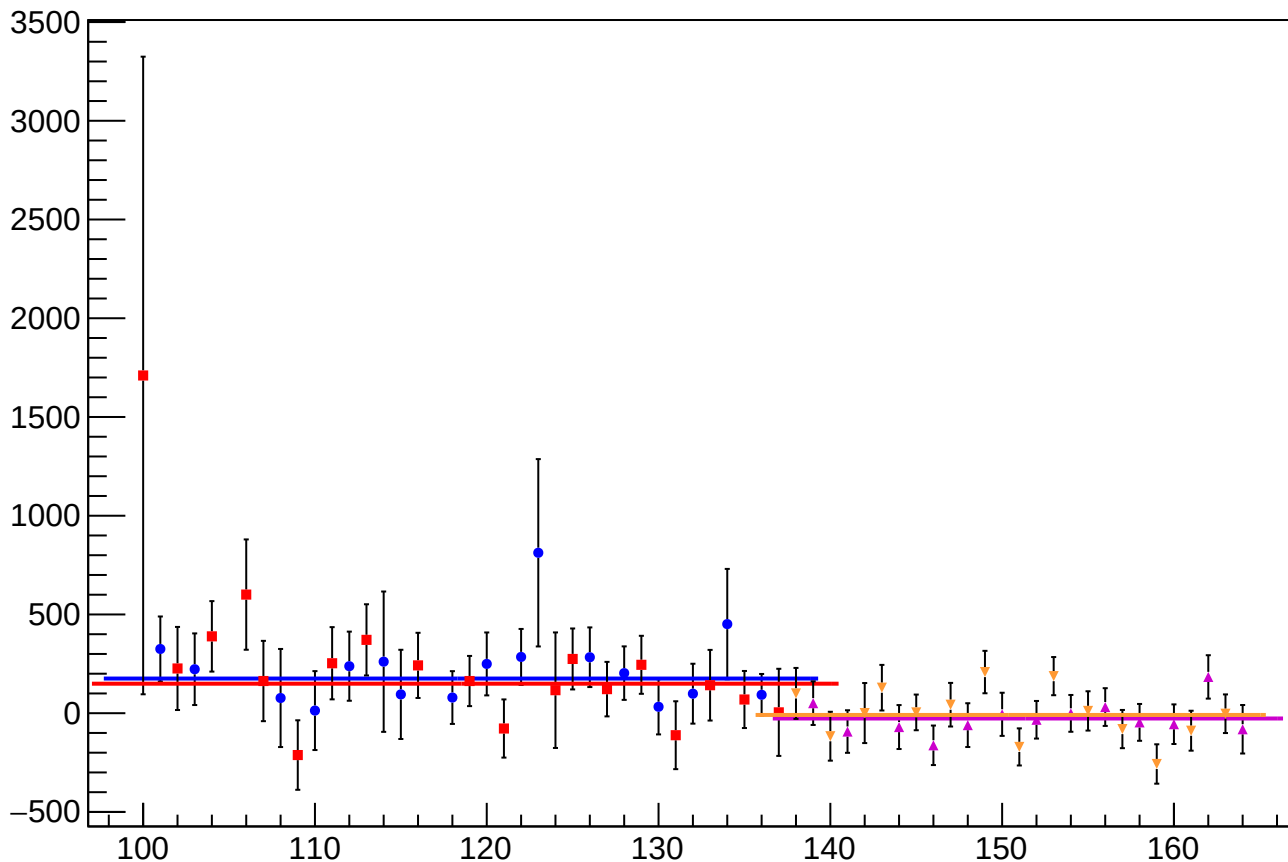
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 376.045 $\pm$ 0.067 χ^2/NDF : 2134075.7/29

Out: 378.990 $\pm$ 0.066 χ^2/NDF : 2328583.7/32

All: 377.533 $\pm$ 0.047 χ^2/NDF : 4463645.8/62

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -8.884 ± 28.107 $\chi^2/\text{NDF}: 21.8/13$

Right Out: 149.419 ± 40.319 $\chi^2/\text{NDF}: 18.4/18$

Left In: -26.821 ± 28.720 $\chi^2/\text{NDF}: 7.4/12$

Left: -17.659 ± 20.088 $\chi^2/\text{NDF}: 29.4/26$

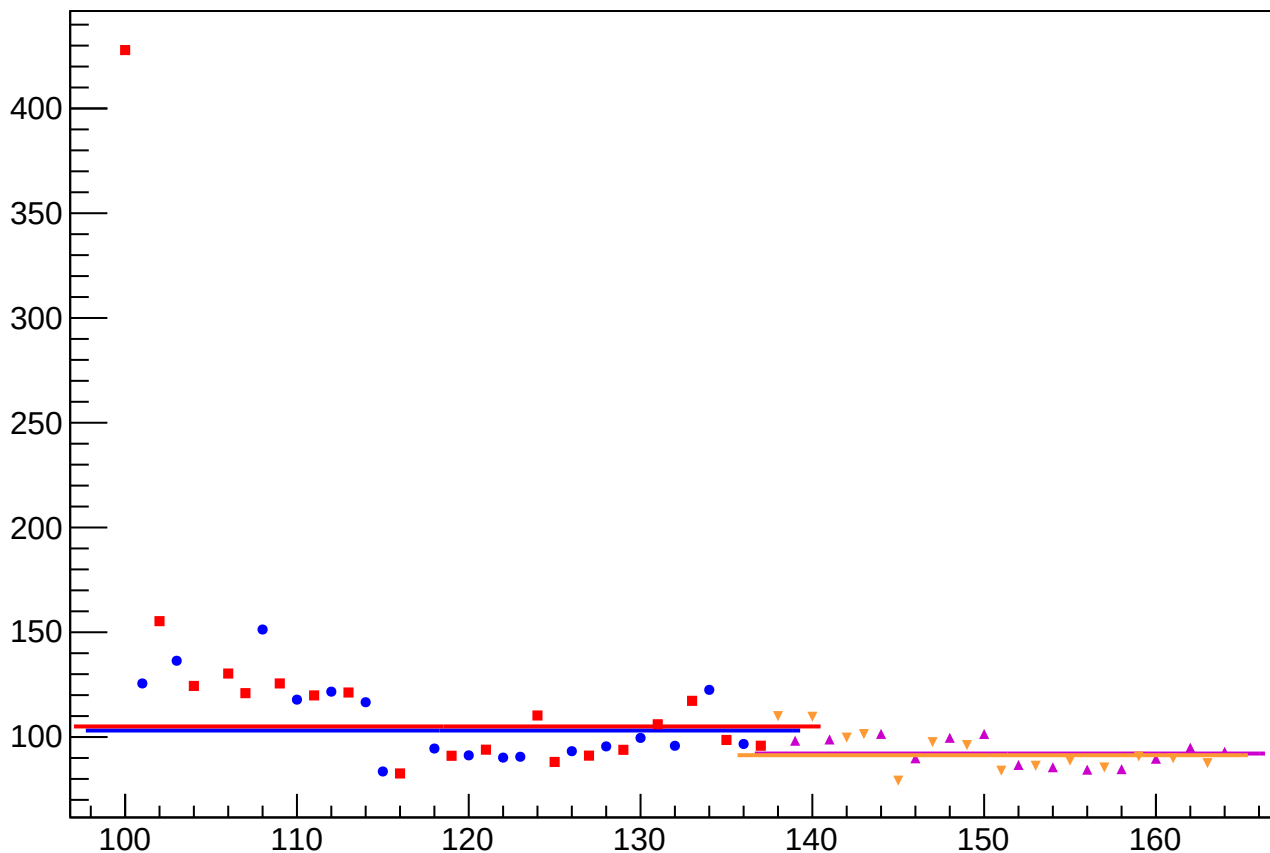
Right: 162.431 ± 28.524 $\chi^2/\text{NDF}: 27.2/35$

In: 41.182 ± 23.400 $\chi^2/\text{NDF}: 32.7/29$

Out: 42.886 ± 23.057 $\chi^2/\text{NDF}: 50.6/32$

All: 42.046 ± 16.424 $\chi^2/\text{NDF}: 83.3/62$

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: 91.328 $\pm$ 0.020 χ^2 /NDF:183634.1/13

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 92.122 $\pm$ 0.020 χ^2 /NDF:97707.2/12

Left: 91.716 $\pm$ 0.014 χ^2 /NDF: 282121.2/26

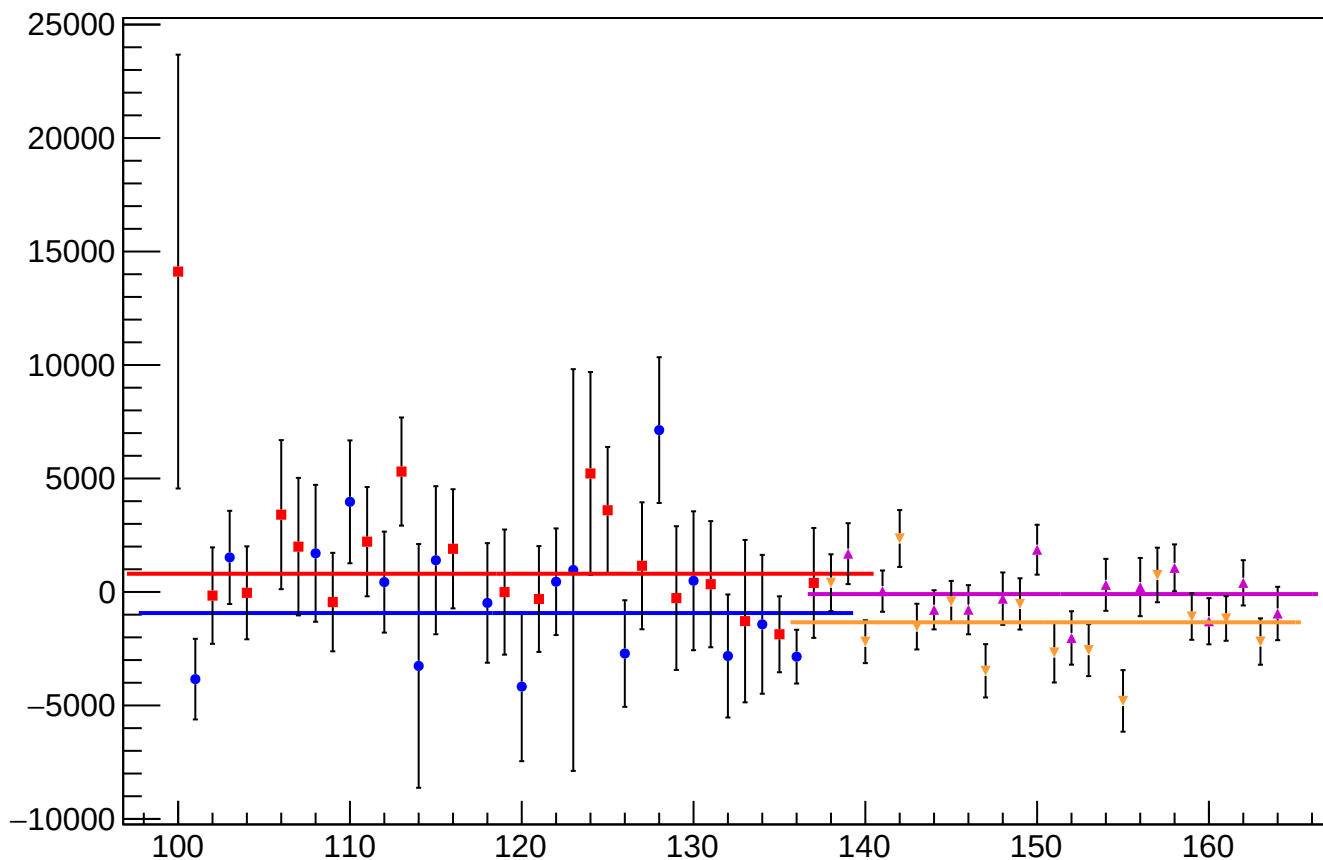
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 95.816 $\pm$ 0.017 χ^2 /NDF:502602.8/29

Out: 95.814 $\pm$ 0.016 χ^2 /NDF:788120.8/32

All: 95.815 $\pm$ 0.012 χ^2 /NDF: 1290723.6/62

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: -1336.680+/-293.235 χ^2/NDF : 28.8/13

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -93.102+/-297.959 χ^2/NDF : 12.3/12

Left: -724.828+/-208.998 χ^2/NDF : 50.0/26

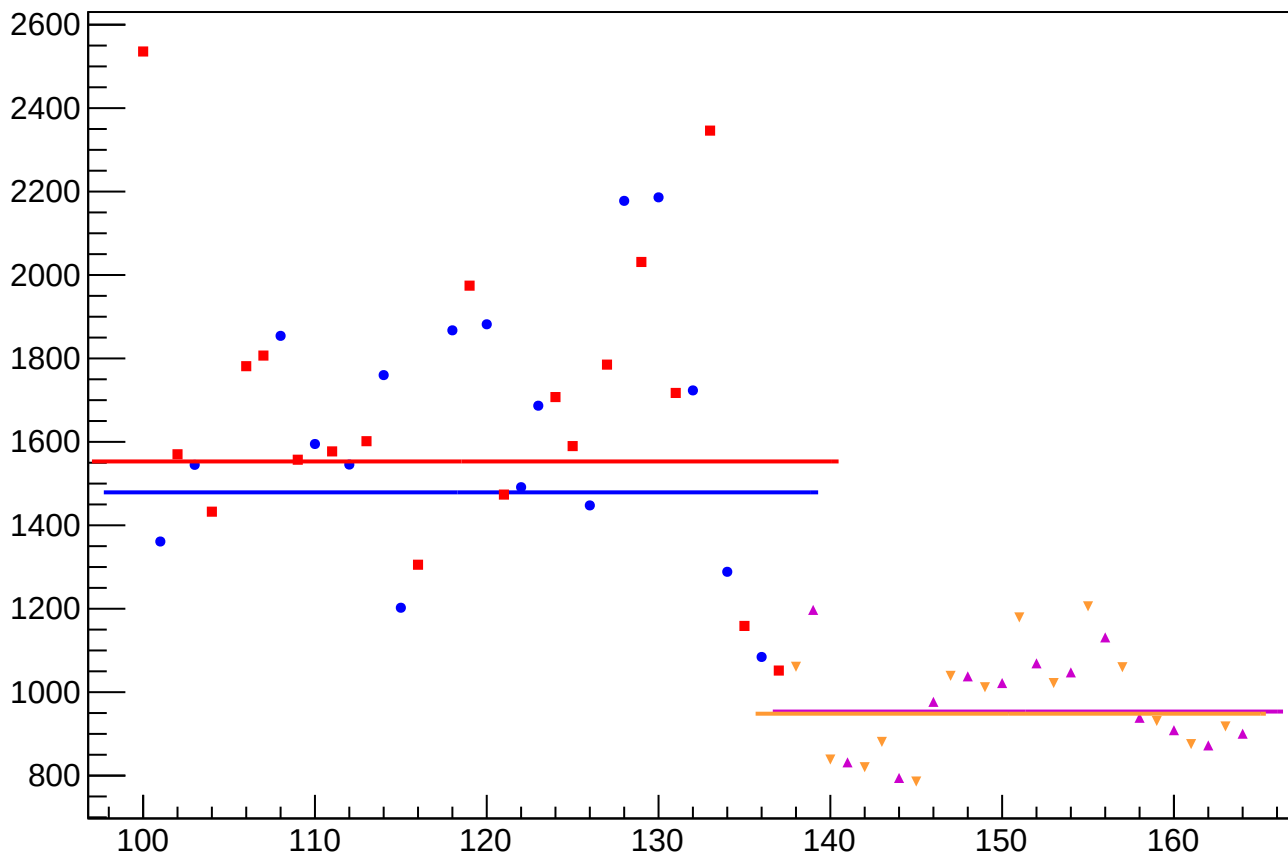
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -264.352+/-265.687 χ^2/NDF : 34.8/29

Out: -917.226+/-262.924 χ^2/NDF : 52.1/32

All: -594.202+/-186.885 χ^2/NDF : 89.9/62

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: 948.410+/-0.207 χ^2/NDF : 327794.1/13

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 953.544+/-0.211 χ^2/NDF : 282094.9/12

Left: 950.936+/-0.148 χ^2/NDF : 610190.7/26

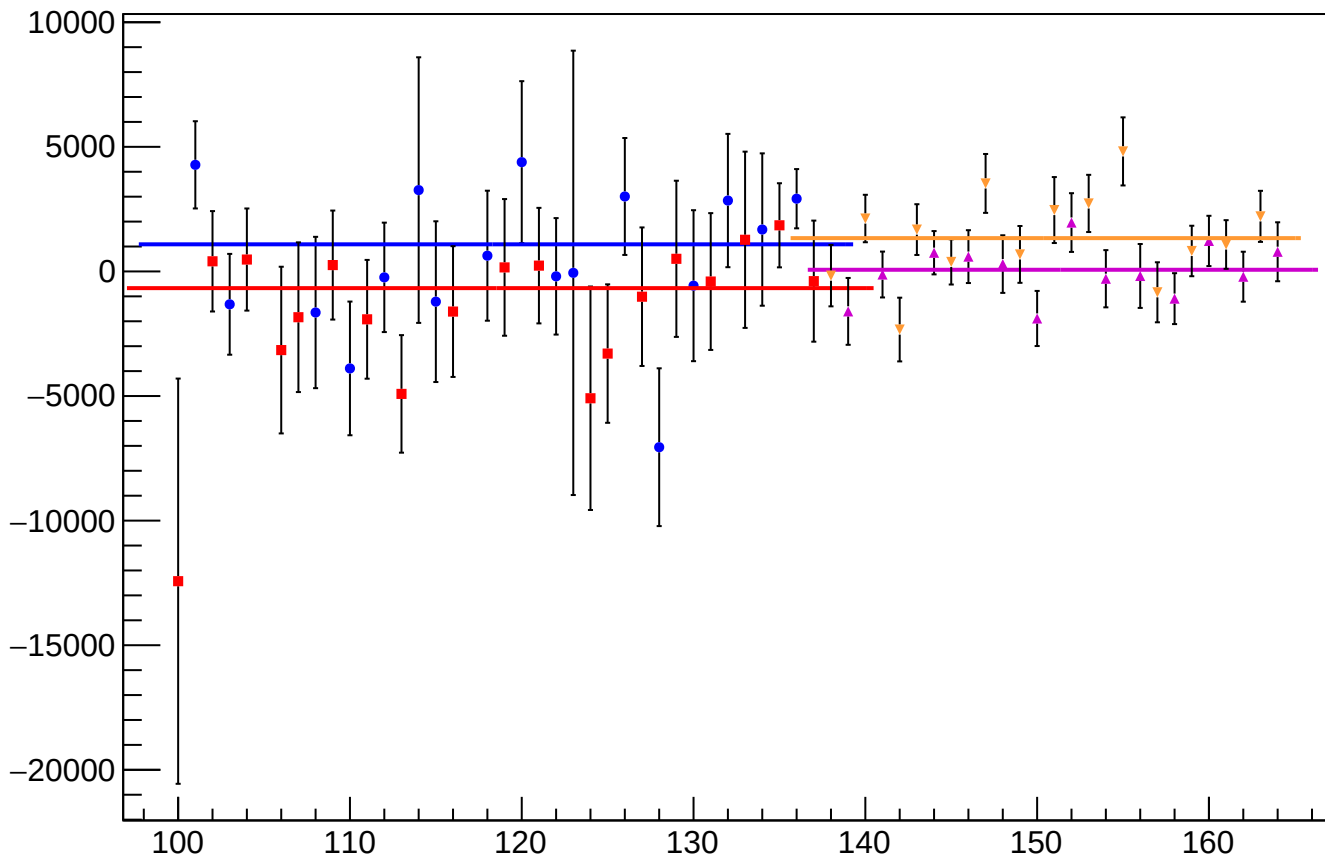
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1061.201+/-0.188 χ^2/NDF : 2146063.7/29

Out: 1066.954+/-0.186 χ^2/NDF : 2478796.4/32

All: 1064.108+/-0.132 χ^2/NDF : 4625333.9/62

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: 1336.536 $\pm$ 294.002 χ^2 /NDF:28.4/13

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 66.896 $\pm$ 298.088 χ^2 /NDF:11.4/12

Left: 710.477 $\pm$ 209.321 χ^2 /NDF: 49.0/26

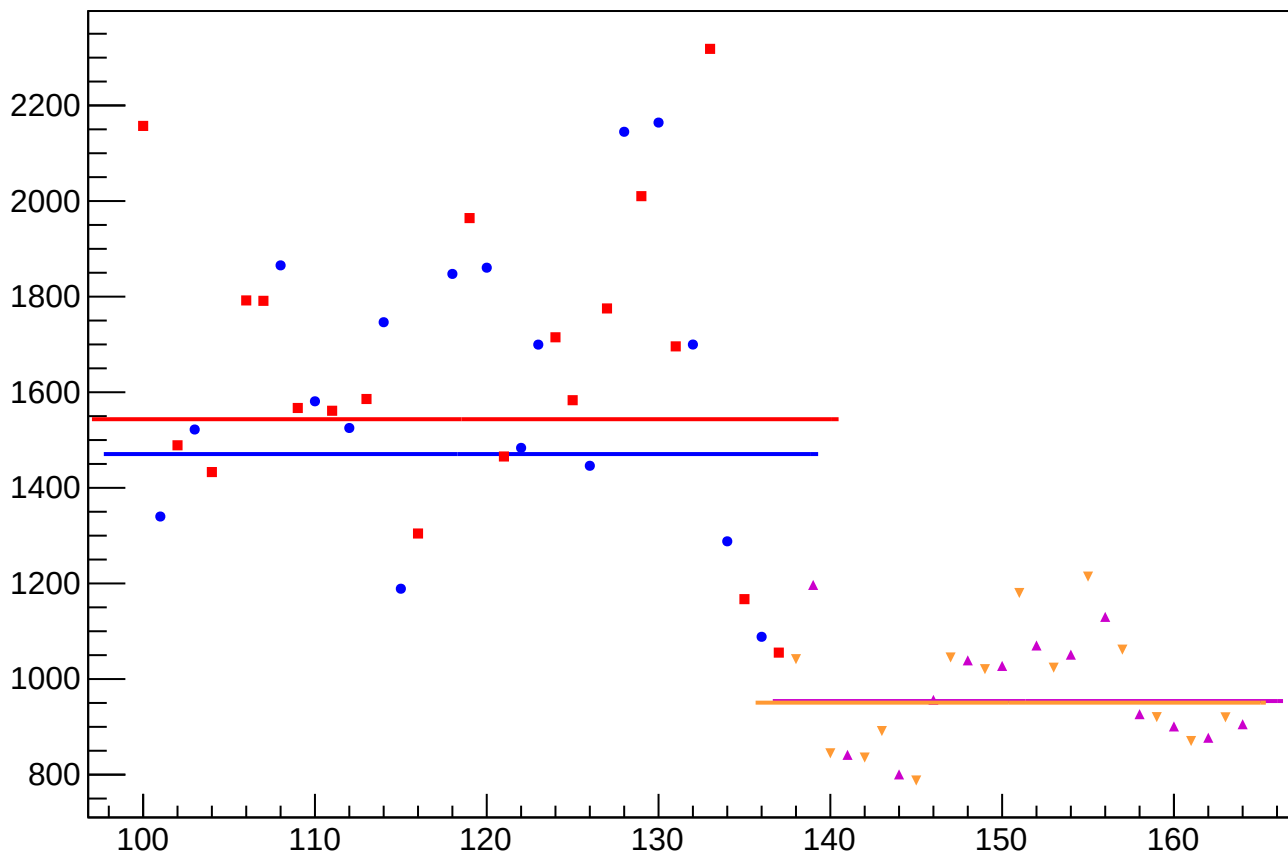
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 278.327 $\pm$ 265.438 χ^2 /NDF:35.7/29

Out: 937.355 $\pm$ 263.140 χ^2 /NDF:49.7/32

All: 610.706 $\pm$ 186.876 χ^2 /NDF: 88.5/62

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 950.631+/-0.208 χ^2/NDF : 320190.3/13

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 953.978+/-0.211 χ^2/NDF : 271135.7/12

Left: 952.281+/-0.148 χ^2/NDF : 591453.9/26

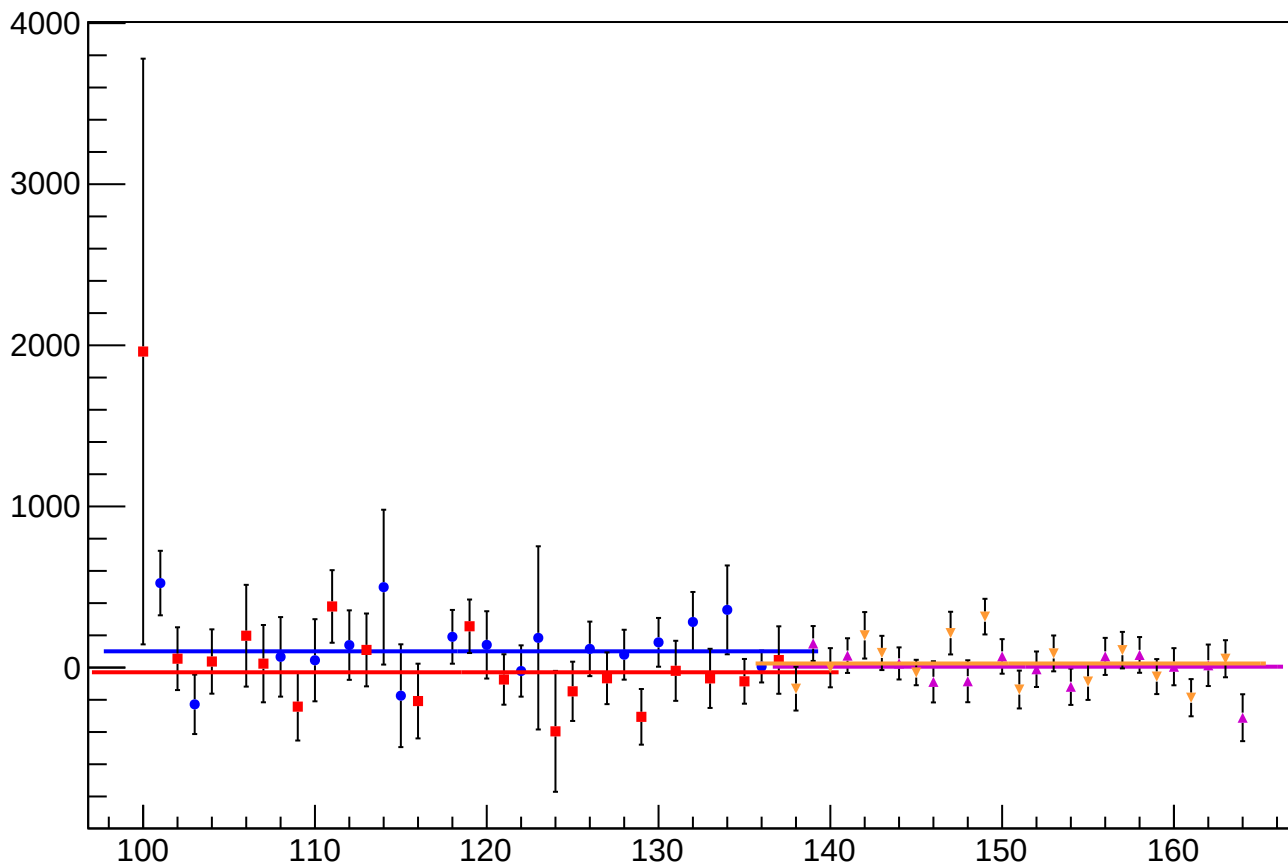
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1060.969+/-0.188 χ^2/NDF : 2083176.2/29

Out: 1068.584+/-0.186 χ^2/NDF : 2392751.8/32

All: 1064.809+/-0.132 χ^2/NDF : 4476758.1/62

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 25.384 $\pm$ 30.130 χ^2 /NDF:20.4/13

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 5.478 $\pm$ 31.937 χ^2 /NDF:10.3/12

Left: 16.010 $\pm$ 21.916 χ^2 /NDF: 30.9/26

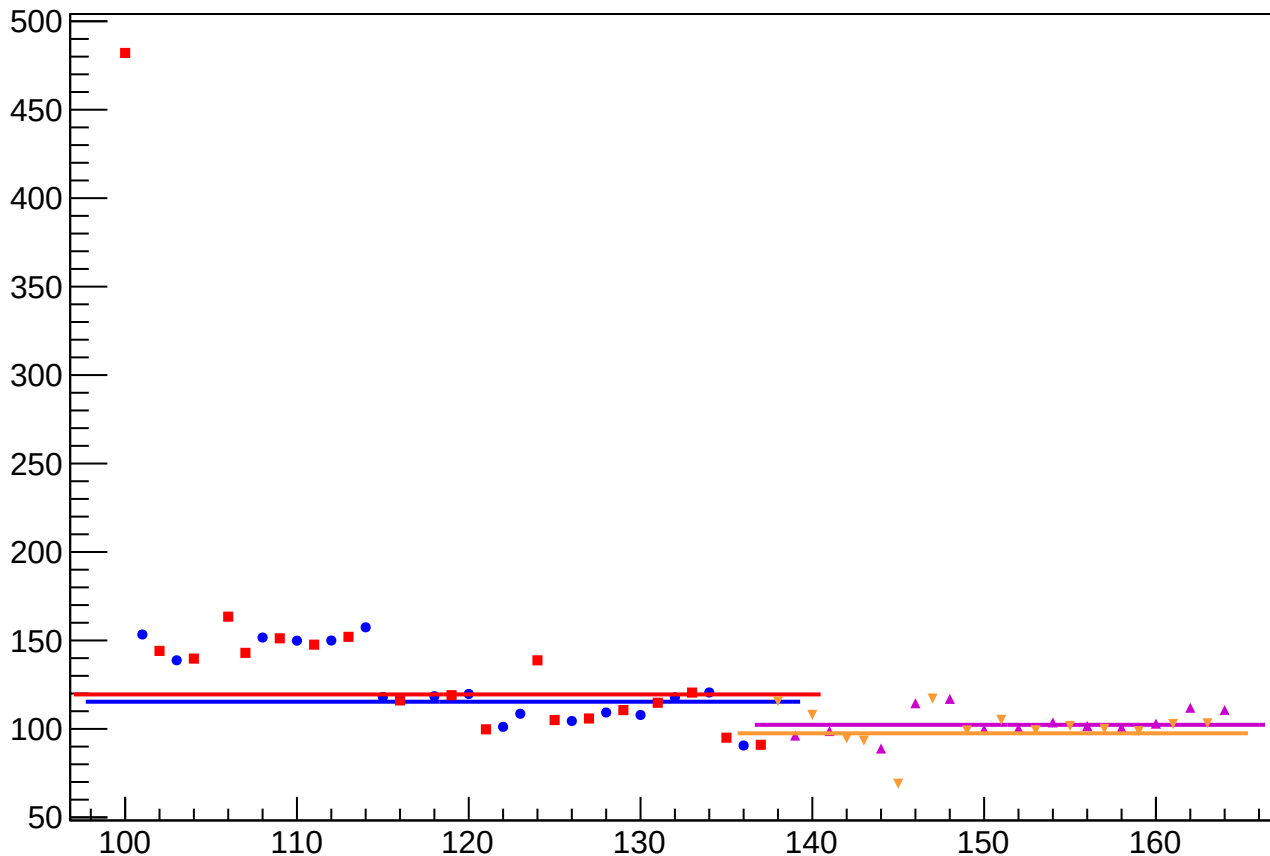
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 37.181 $\pm$ 26.099 χ^2 /NDF:26.3/29

Out: 8.858 $\pm$ 25.154 χ^2 /NDF:36.1/32

All: 22.498 $\pm$ 18.111 χ^2 /NDF: 63.0/62

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: 97.512 $\pm$ 0.021 χ^2 /NDF: 381076.7/13

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 102.312 $\pm$ 0.023 χ^2 /NDF: 108861.0/12

Left: 99.773 $\pm$ 0.015 χ^2 /NDF: 513837.5/26

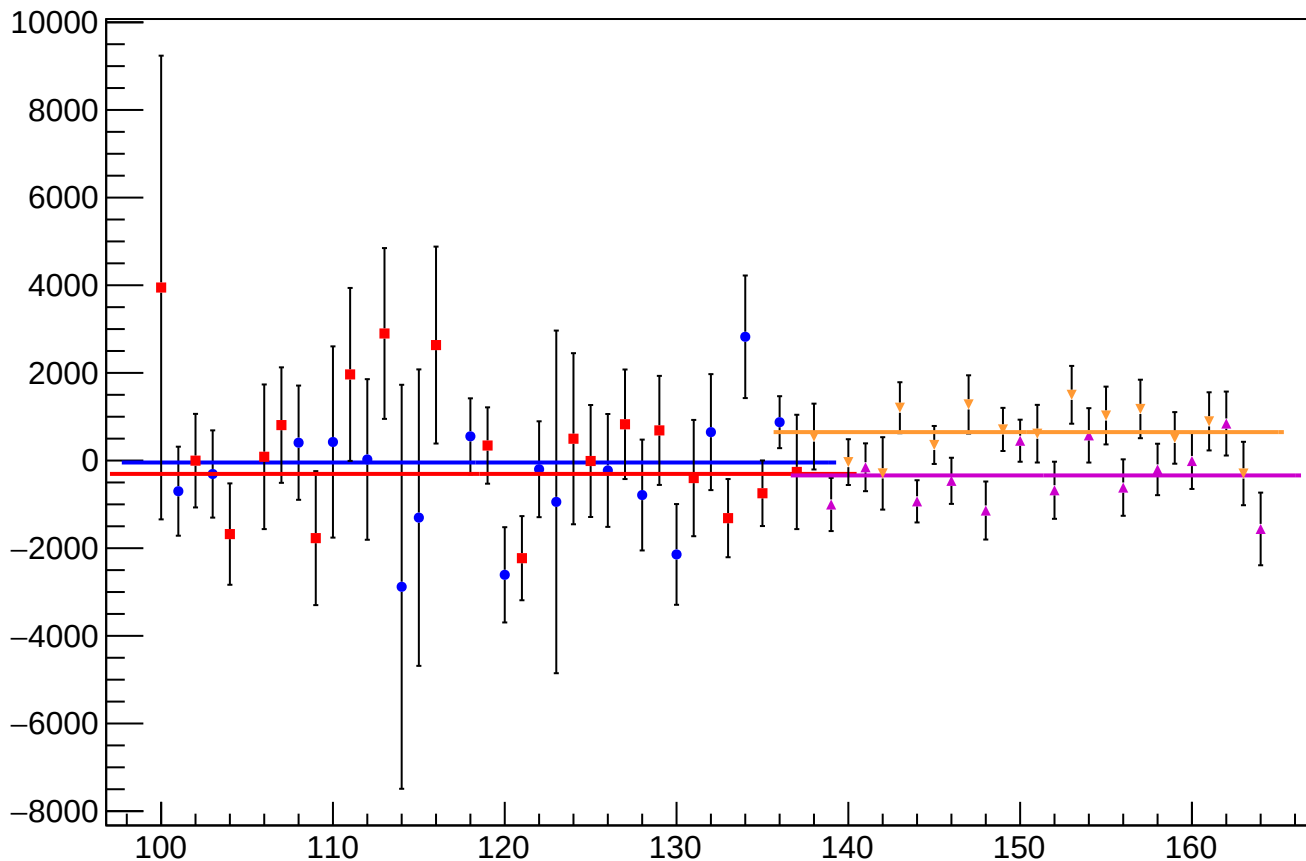
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 106.648 $\pm$ 0.018 χ^2 /NDF: 631224.1/29

Out: 104.173 $\pm$ 0.018 χ^2 /NDF: 1181553.1/32

All: 105.365 $\pm$ 0.013 χ^2 /NDF: 1822106.0/62

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 649.003 ± 162.636 χ^2/NDF : 9.8/13

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -339.337 ± 165.127 χ^2/NDF : 14.8/12

Left: 162.343 ± 115.872 χ^2/NDF : 42.8/26

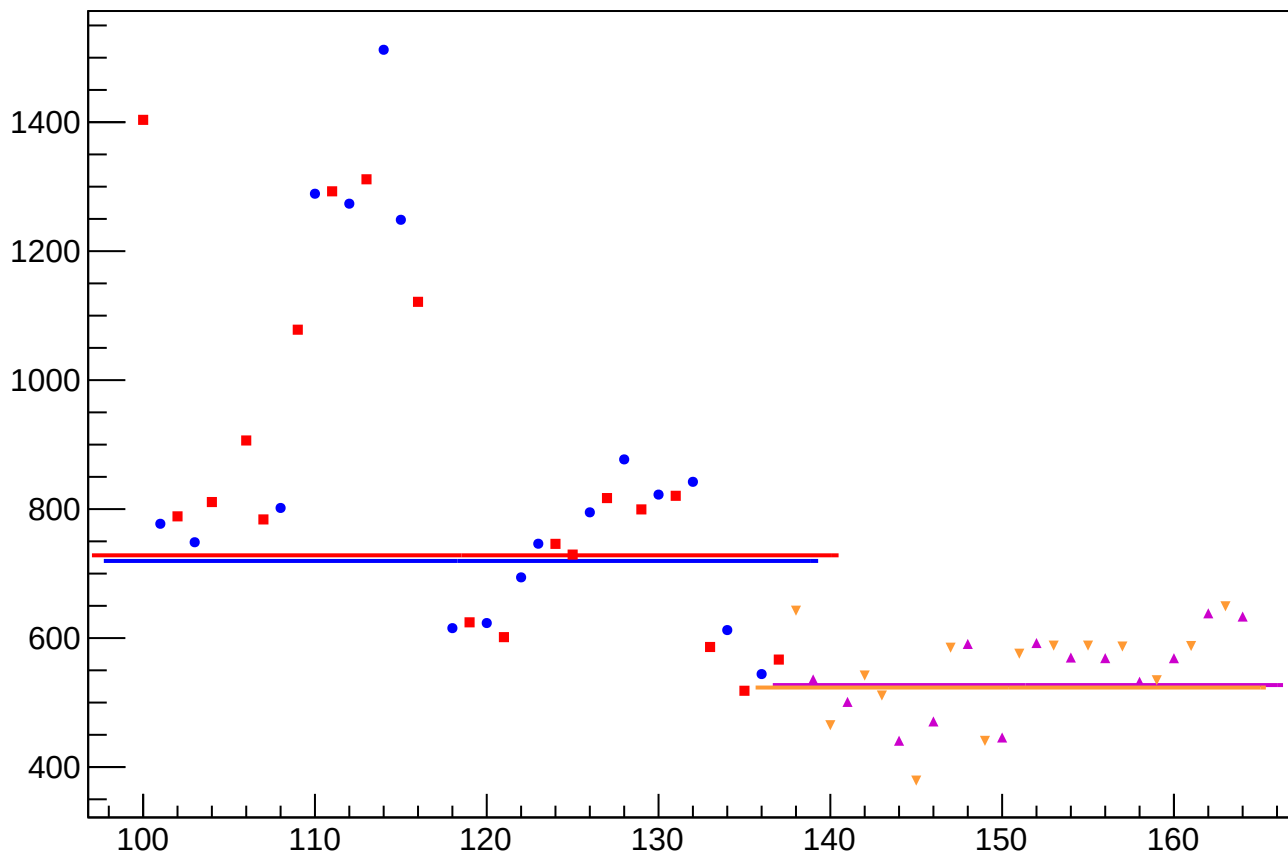
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -265.748 ± 143.038 χ^2/NDF : 33.5/29

Out: 411.836 ± 140.973 χ^2/NDF : 35.8/32

All: 77.971 ± 100.405 χ^2/NDF : 80.7/62

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: 523.312 $\pm$ 0.115 χ^2 /NDF: 522854.0/13

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 527.133 $\pm$ 0.117 χ^2 /NDF: 294062.8/12

Left: 525.193 $\pm$ 0.082 χ^2 /NDF: 817460.4/26

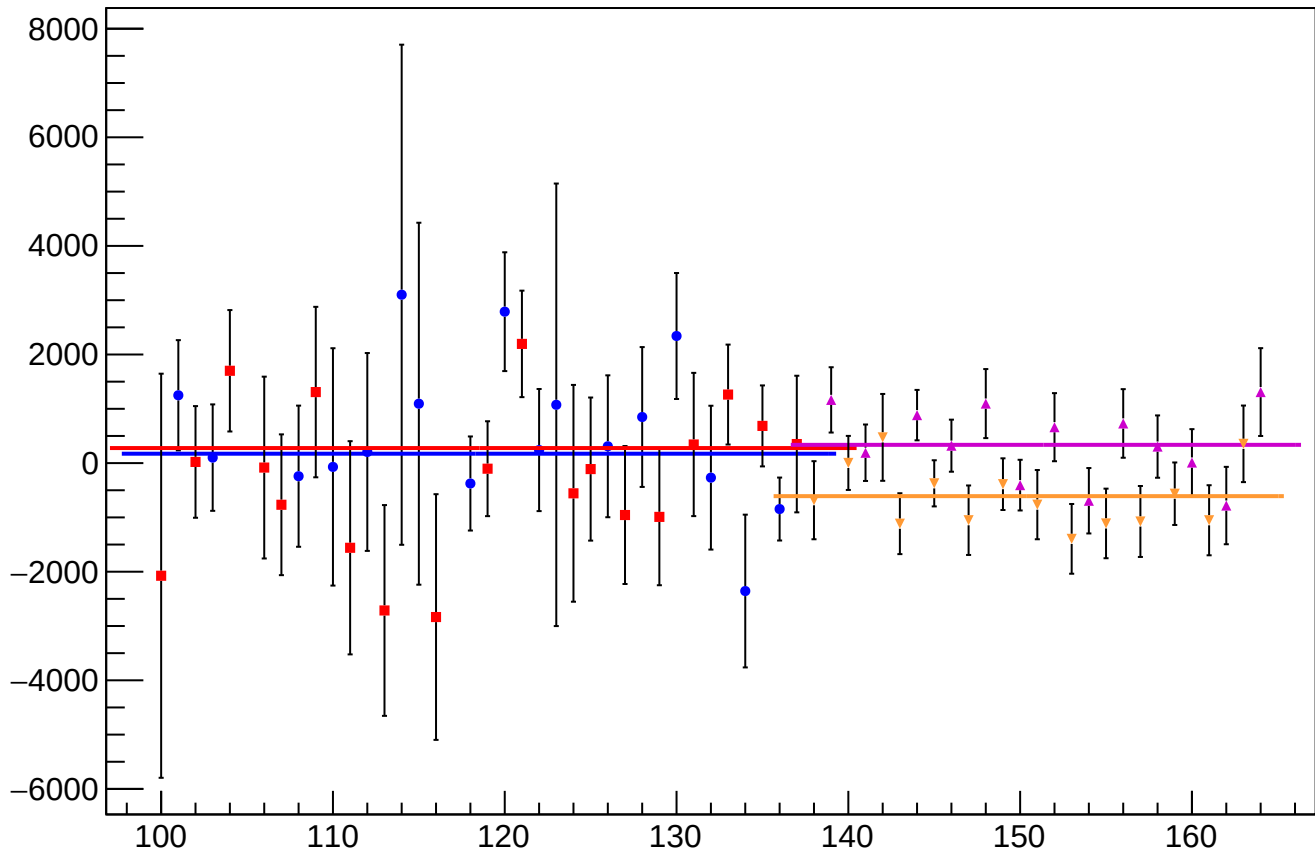
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 575.181 $\pm$ 0.101 χ^2 /NDF: 1719348.8/29

Out: 574.290 $\pm$ 0.100 χ^2 /NDF: 2226803.9/32

All: 574.729 $\pm$ 0.071 χ^2 /NDF: 3946192.1/62

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: -608.508 $\pm$ 157.704 χ^2 /NDF:10.2/13

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 336.339 $\pm$ 159.091 χ^2 /NDF:15.1/12

Left: -140.223 $\pm$ 112.001 χ^2 /NDF: 43.1/26

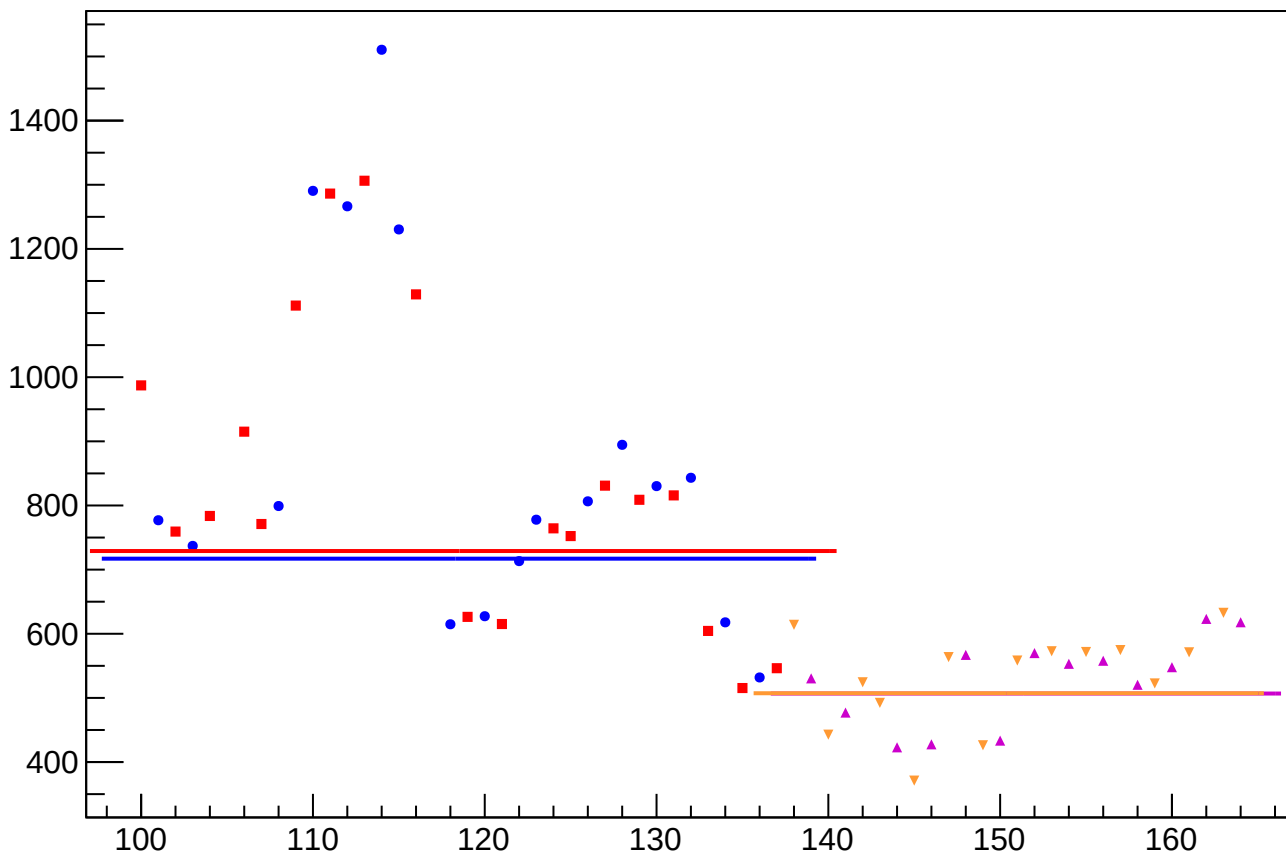
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 297.716 $\pm$ 138.991 χ^2 /NDF:33.4/29

Out: -398.340 $\pm$ 137.727 χ^2 /NDF:33.7/32

All: -53.493 $\pm$ 97.831 χ^2 /NDF: 79.8/62

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: 507.280 $\pm$ 0.112 χ^2/NDF : 518338.7/13

Right Out: 728.989 $\pm$ 0.200 χ^2/NDF : 890725.1/18

Left In: 506.815 $\pm$ 0.112 χ^2/NDF : 343237.4/12

Left: 507.050 $\pm$ 0.079 χ^2/NDF : 861584.8/26

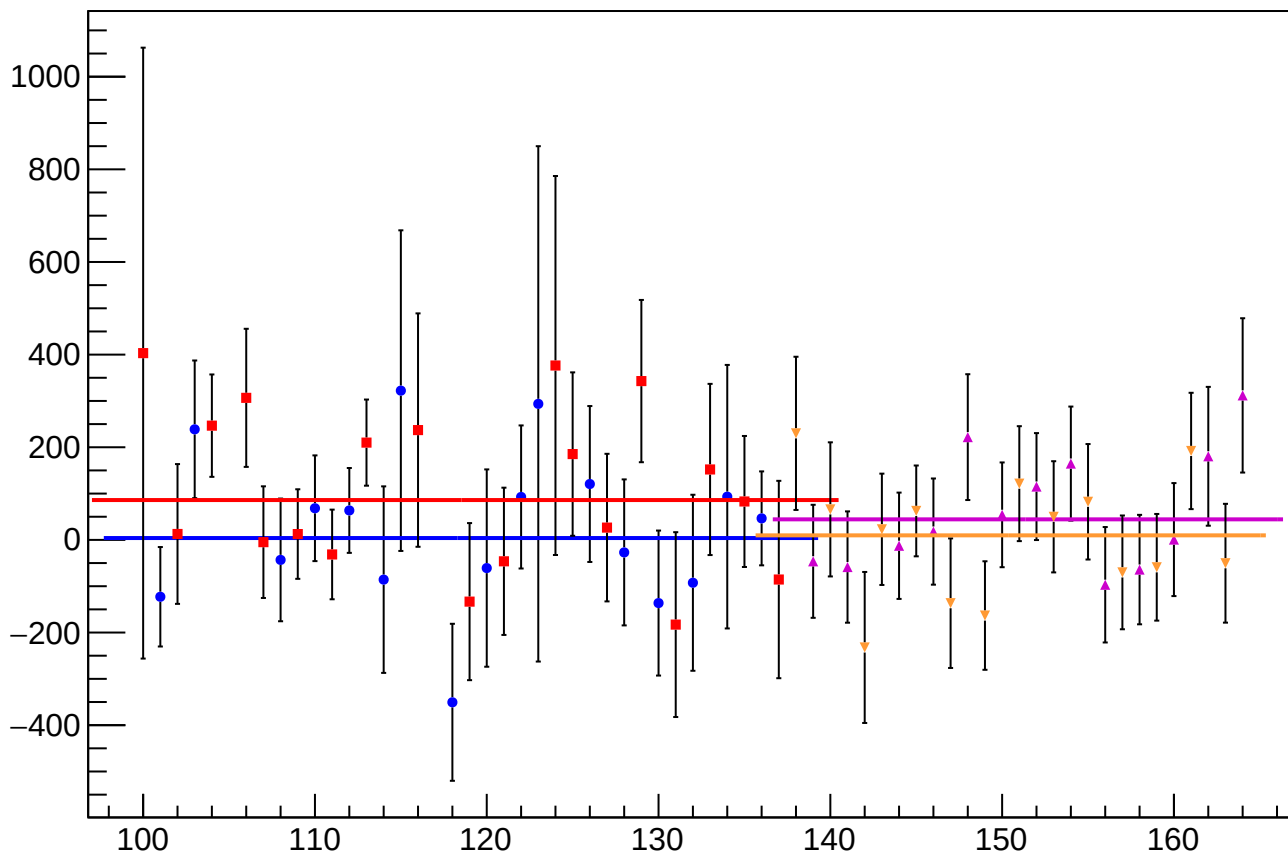
Right: 723.098 $\pm$ 0.142 χ^2/NDF : 1674929.6/35

In: 556.590 $\pm$ 0.098 χ^2/NDF : 1952715.1/29

Out: 559.893 $\pm$ 0.097 χ^2/NDF : 2347094.7/32

All: 558.257 $\pm$ 0.069 χ^2/NDF : 4300379.4/62

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: 9.817 ± 33.636 $\chi^2/\text{NDF}: 12.1/13$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 44.357 ± 34.386 $\chi^2/\text{NDF}: 10.3/12$

Left: 26.706 ± 24.045 $\chi^2/\text{NDF}: 22.9/26$

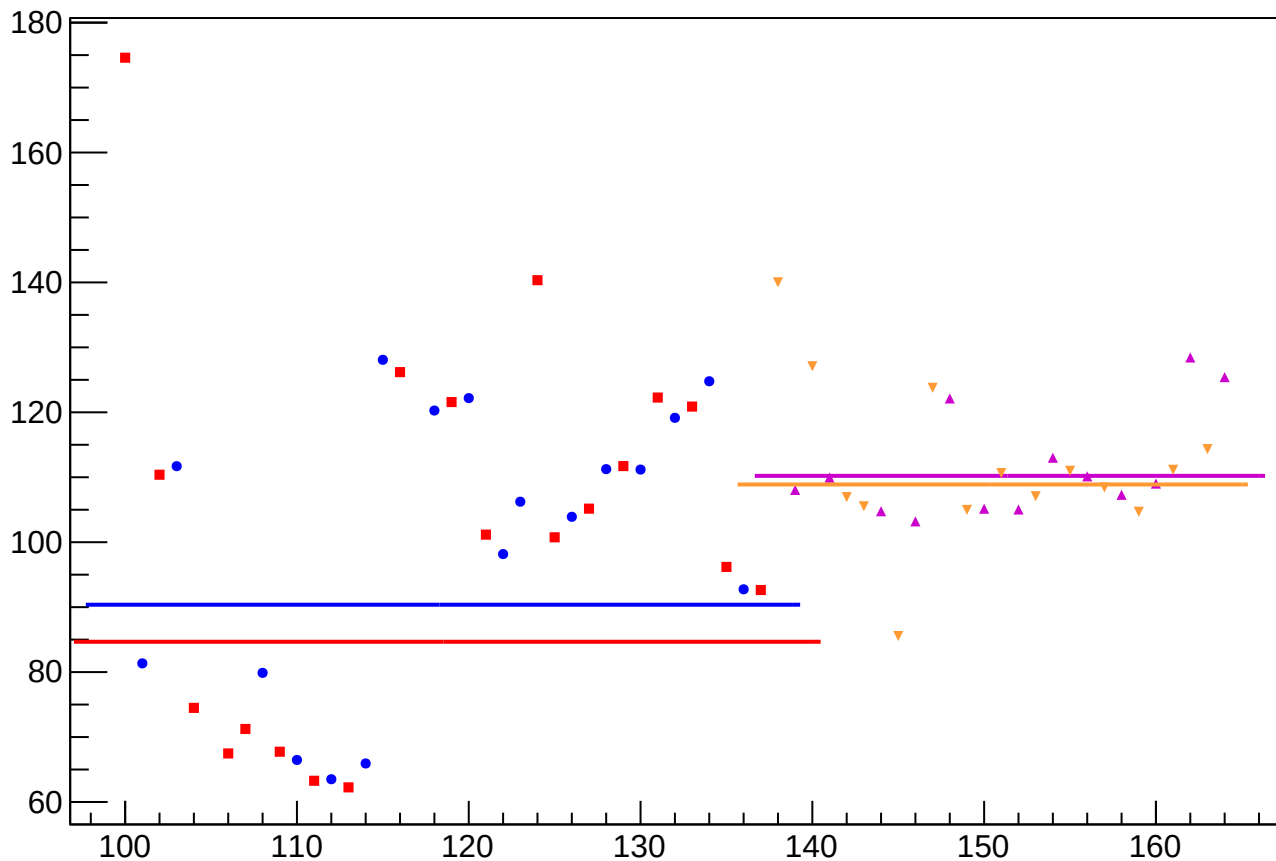
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 25.081 ± 24.849 $\chi^2/\text{NDF}: 23.7/29$

Out: 48.221 ± 23.690 $\chi^2/\text{NDF}: 32.3/32$

All: 37.203 ± 17.146 $\chi^2/\text{NDF}: 56.4/62$

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: 108.887 $\pm$ 0.024 χ^2 /NDF: 250918.9/13

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 110.216 $\pm$ 0.024 χ^2 /NDF: 84734.5/12

Left: 109.537 $\pm$ 0.017 χ^2 /NDF: 337179.3/26

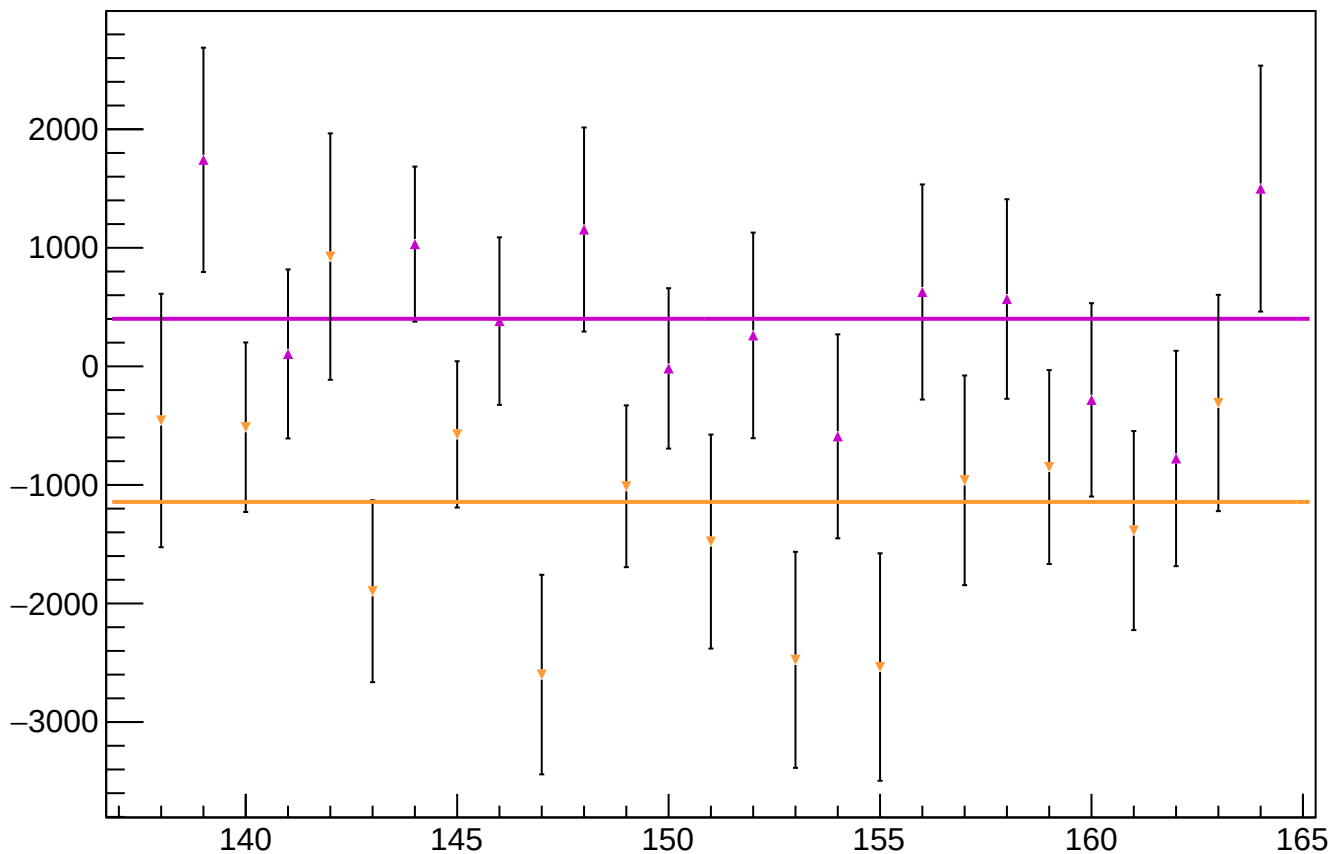
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 100.737 $\pm$ 0.018 χ^2 /NDF: 1057009.0/29

Out: 96.684 $\pm$ 0.017 χ^2 /NDF: 1681420.1/32

All: 98.614 $\pm$ 0.012 χ^2 /NDF: 2766295.2/62

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1143.331+/-220.557 χ^2/NDF :15.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 401.114+/-224.065 χ^2/NDF :9.2/12

Left: -383.295+/-157.183 χ^2/NDF : 48.8/26

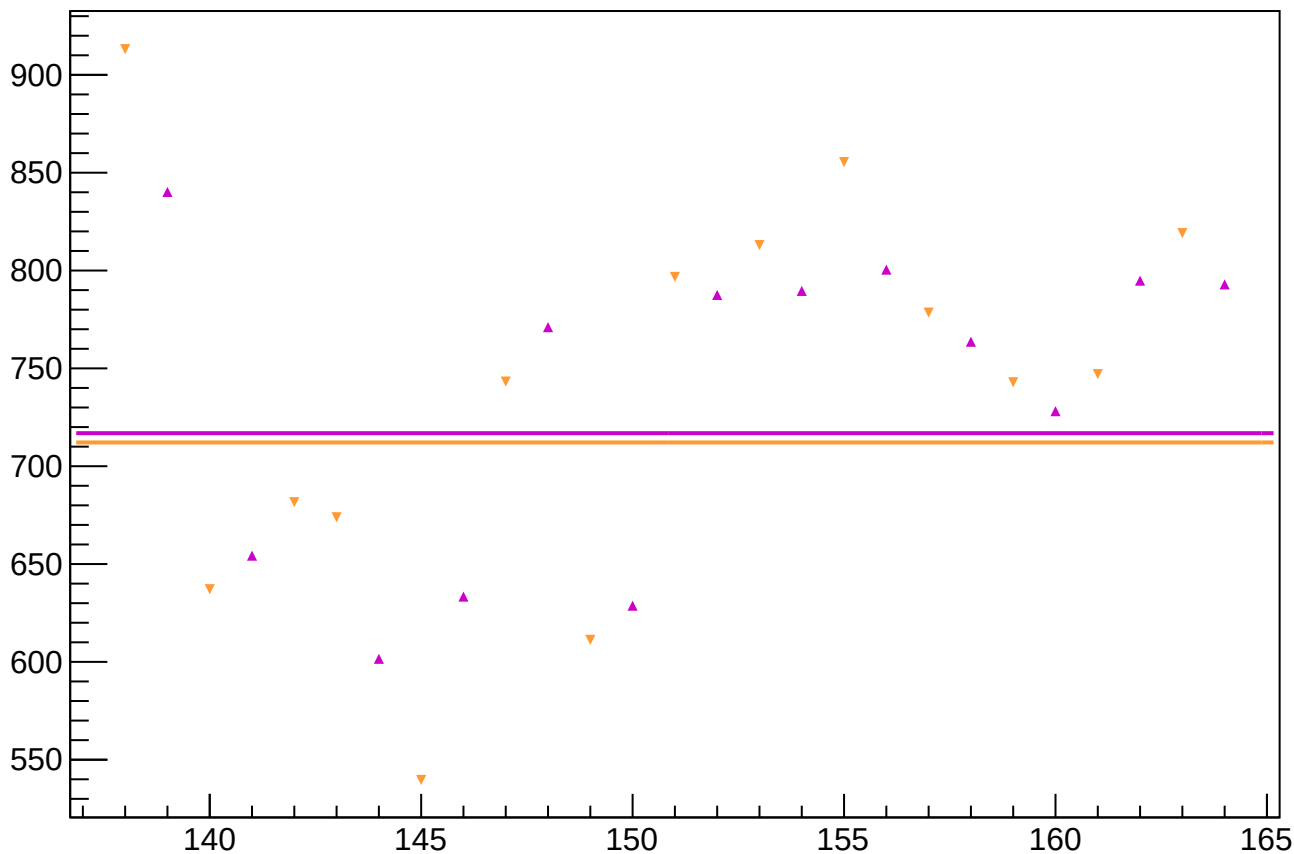
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 401.114+/-224.065 χ^2/NDF :9.2/12

Out: -1143.331+/-220.557 χ^2/NDF :15.5/13

All: -383.295+/-157.183 χ^2/NDF : 48.8/26

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 712.140+/-0.156 χ^2/NDF :433950.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 716.884+/-0.158 χ^2/NDF :257988.1/12

Left: 714.474+/-0.111 χ^2/NDF : 692393.7/26

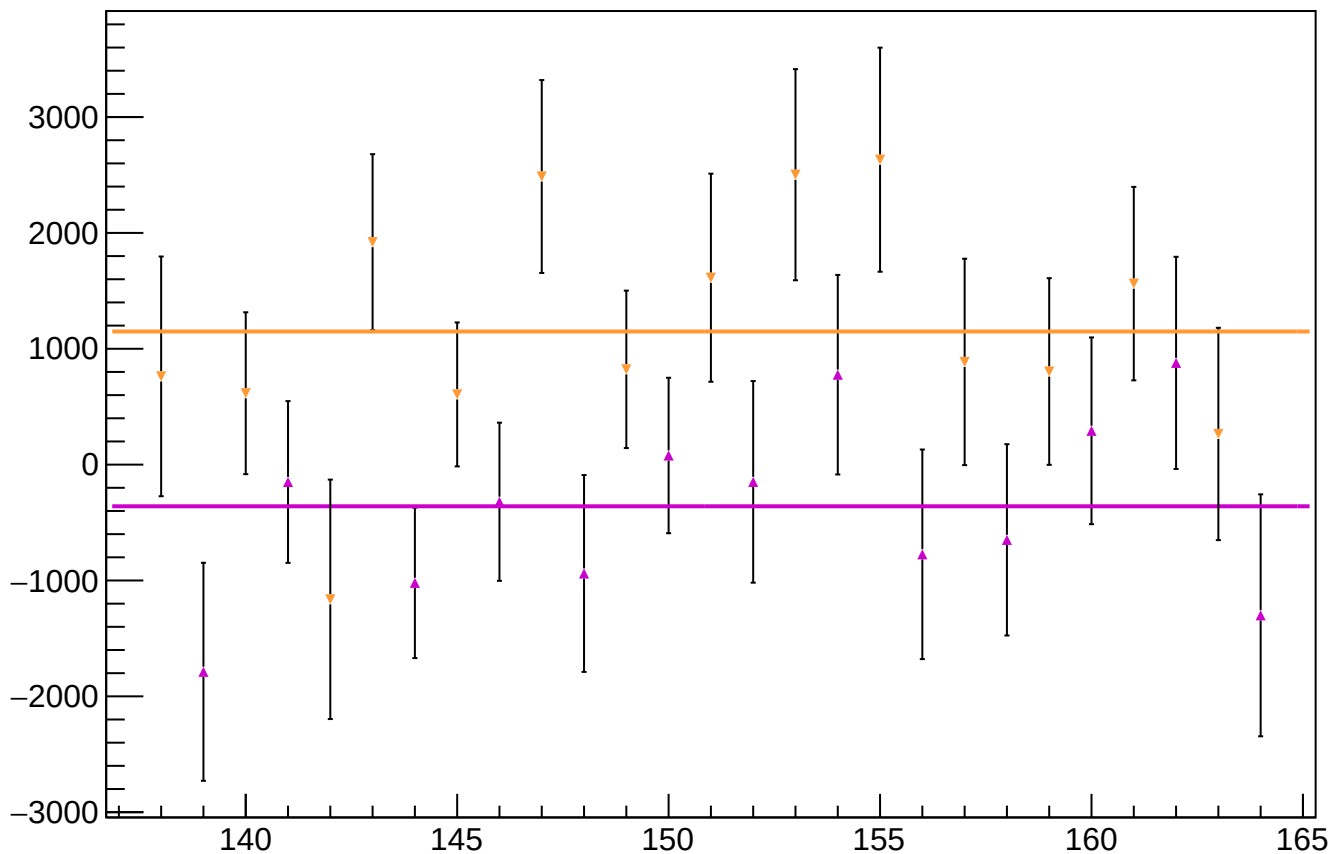
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 716.884+/-0.158 χ^2/NDF :257988.1/12

Out: 712.140+/-0.156 χ^2/NDF :433950.2/13

All: 714.474+/-0.111 χ^2/NDF : 692393.7/26

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1149.151 $\pm$ 219.293 χ^2 /NDF:16.6/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -359.620 $\pm$ 221.870 χ^2 /NDF:9.8/12

Left: 403.578 $\pm$ 155.967 χ^2 /NDF: 49.8/26

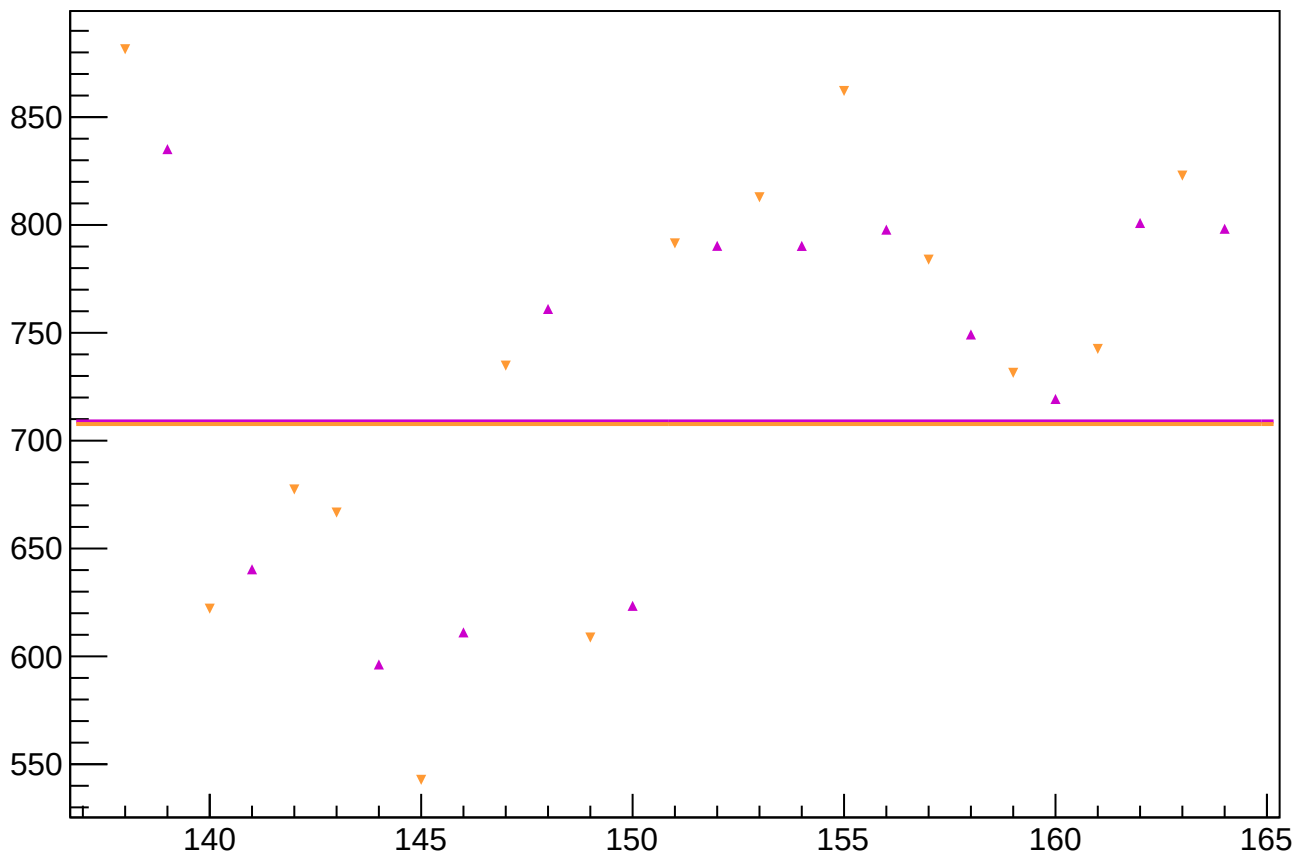
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -359.620 $\pm$ 221.870 χ^2 /NDF:9.8/12

Out: 1149.151 $\pm$ 219.293 χ^2 /NDF:16.6/13

All: 403.578 $\pm$ 155.967 χ^2 /NDF: 49.8/26

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 707.705+/-0.155 χ^2/NDF : 426060.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 708.921+/-0.157 χ^2/NDF : 291198.3/12

Left: 708.306+/-0.110 χ^2/NDF : 717289.4/26

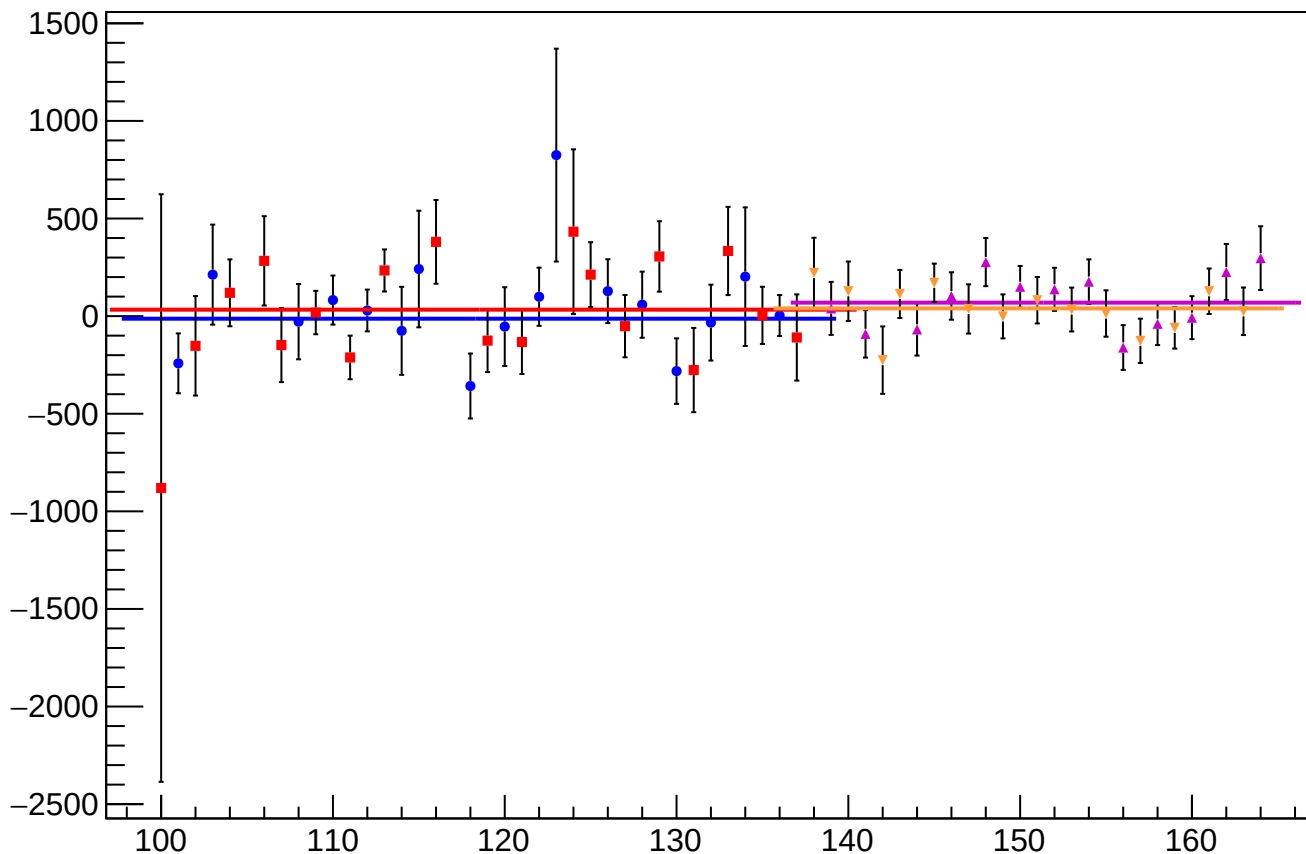
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 708.921+/-0.157 χ^2/NDF : 291198.3/12

Out: 707.705+/-0.155 χ^2/NDF : 426060.8/13

All: 708.306+/-0.110 χ^2/NDF : 717289.4/26

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 39.614 ± 32.506 χ^2/NDF : 9.8/13

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 69.097 ± 33.587 χ^2/NDF : 16.2/12

Left: 53.874 ± 23.358 χ^2/NDF : 26.4/26

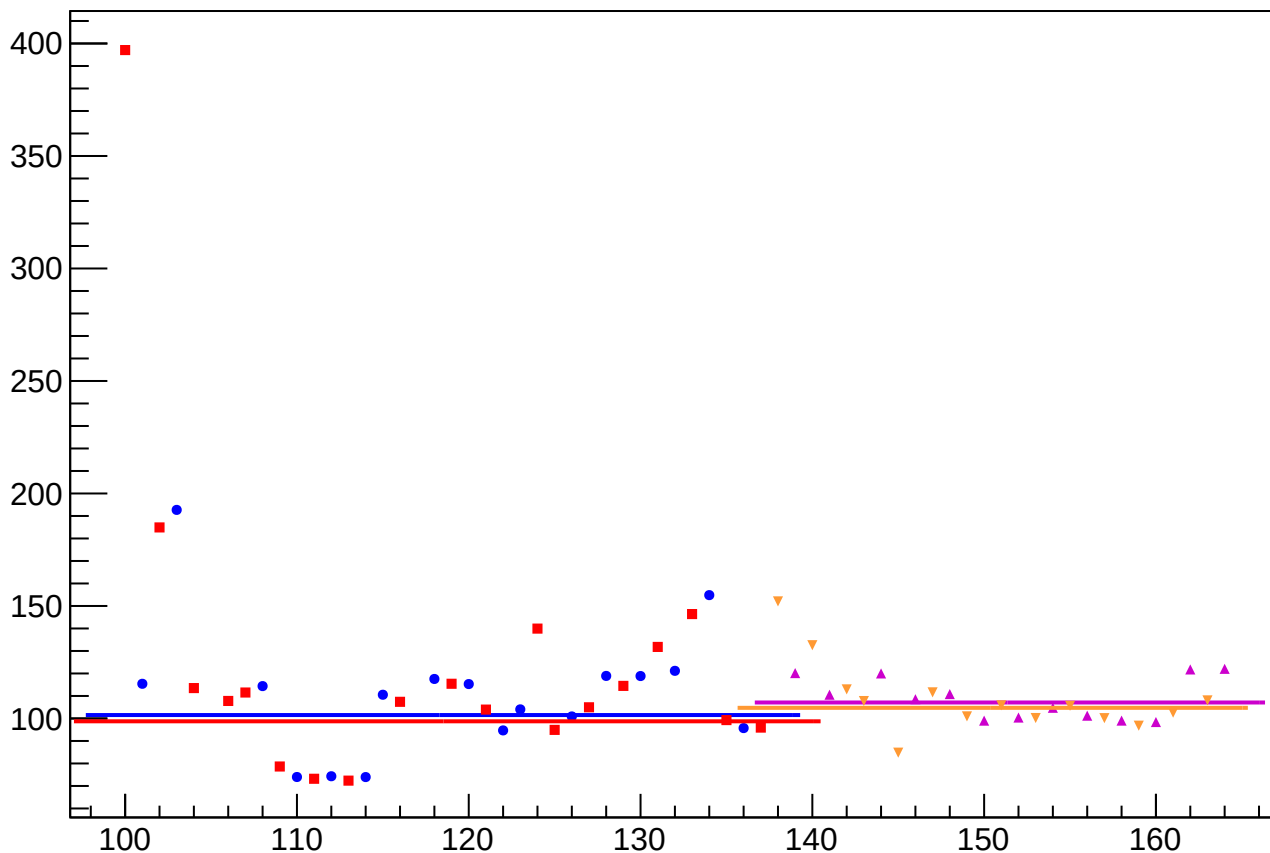
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 35.608 ± 25.867 χ^2/NDF : 34.4/29

Out: 36.904 ± 24.938 χ^2/NDF : 34.9/32

All: 36.280 ± 17.953 χ^2/NDF : 69.2/62

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: 104.727 $\pm$ 0.023 χ^2 /NDF: 321244.3/13

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 107.102 $\pm$ 0.024 χ^2 /NDF: 126694.2/12

Left: 105.875 $\pm$ 0.017 χ^2 /NDF: 453100.9/26

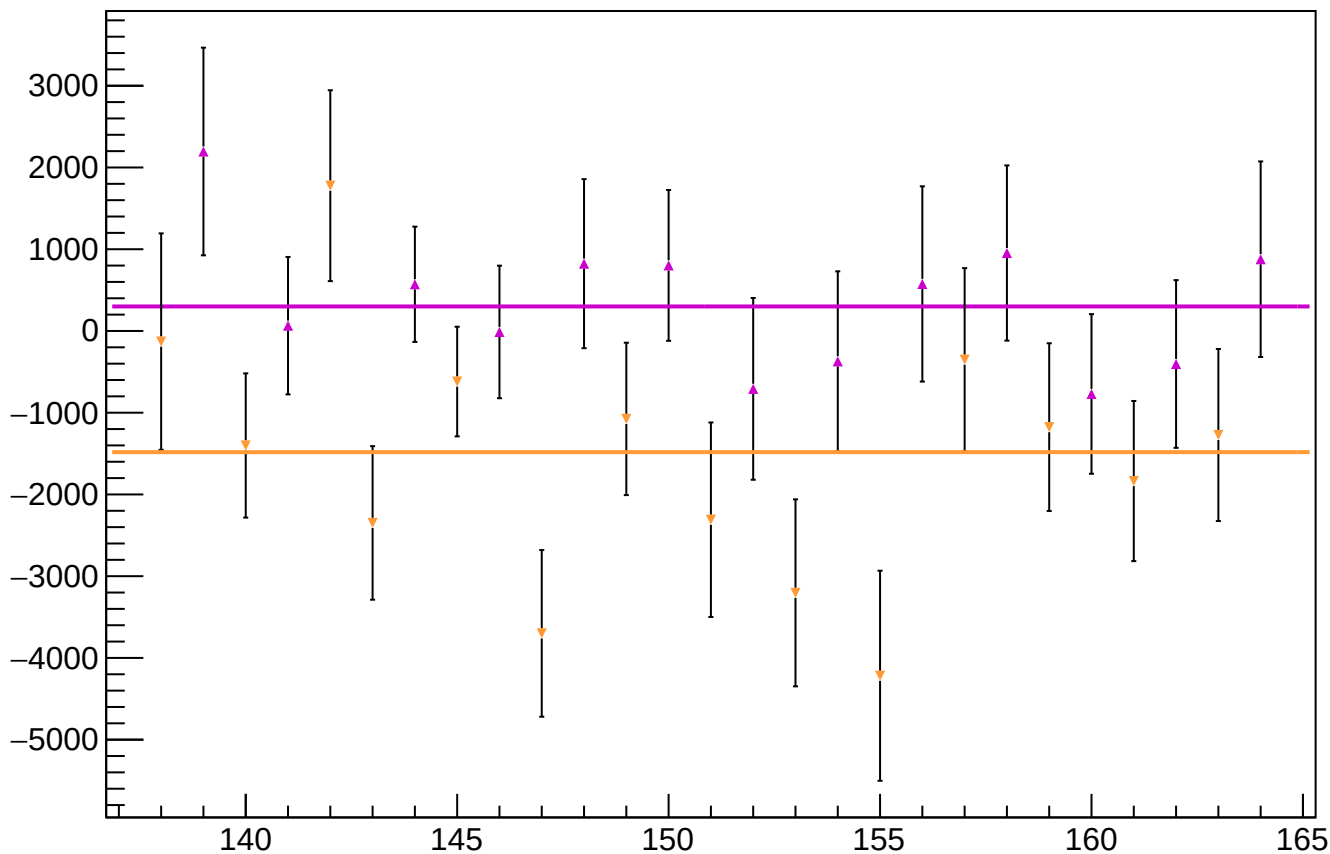
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.830 $\pm$ 0.018 χ^2 /NDF: 830887.7/29

Out: 102.262 $\pm$ 0.018 χ^2 /NDF: 1174828.5/32

All: 103.499 $\pm$ 0.013 χ^2 /NDF: 2015935.7/62

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1482.609+/-268.924 χ^2/NDF :24.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 299.849+/-271.359 χ^2/NDF :6.7/12

Left: -599.412+/-191.013 χ^2/NDF : 53.3/26

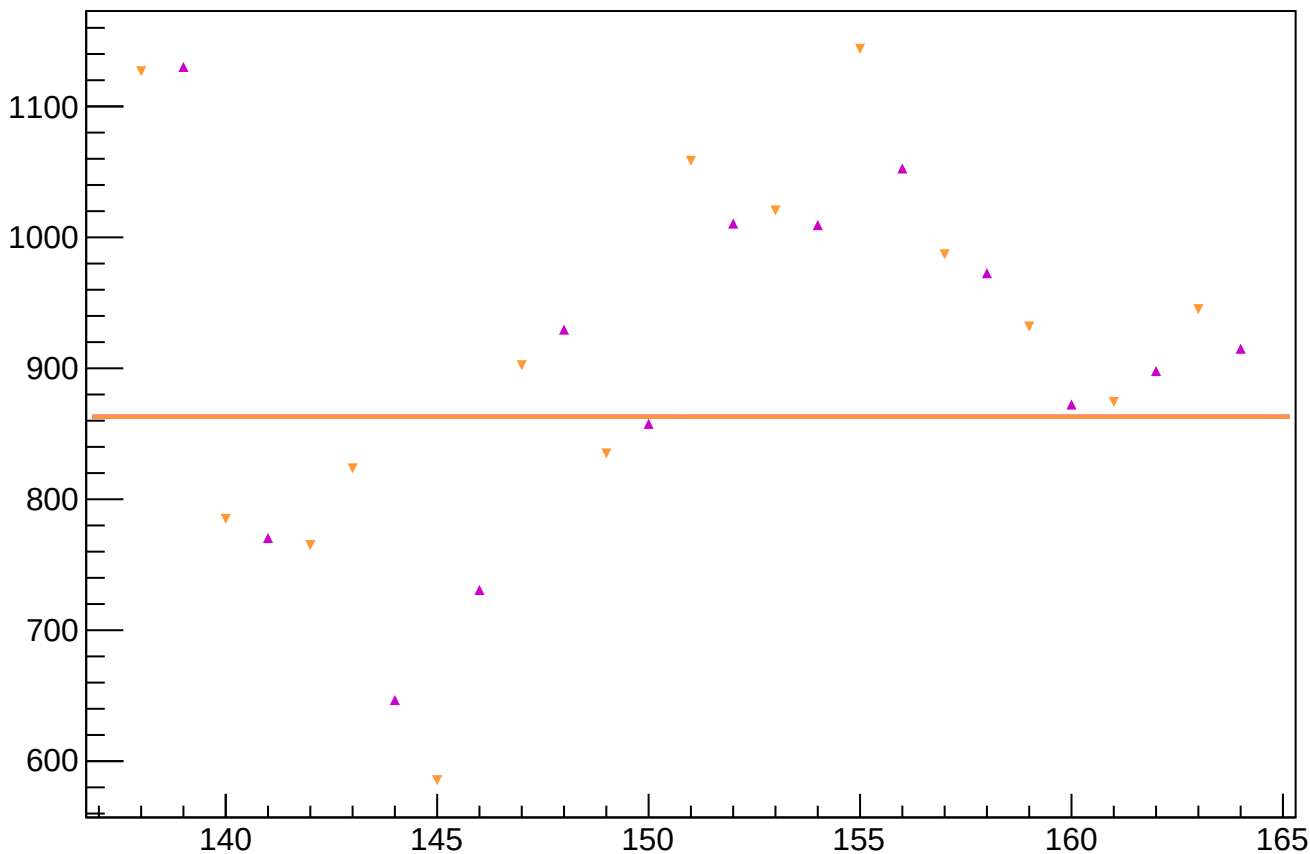
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 299.849+/-271.359 χ^2/NDF :6.7/12

Out: -1482.609+/-268.924 χ^2/NDF :24.8/13

All: -599.412+/-191.013 χ^2/NDF : 53.3/26

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 863.073+/-0.190 χ^2/NDF :693516.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 863.146+/-0.192 χ^2/NDF :510669.8/12

Left: 863.109+/-0.135 χ^2/NDF : 1204186.0/26

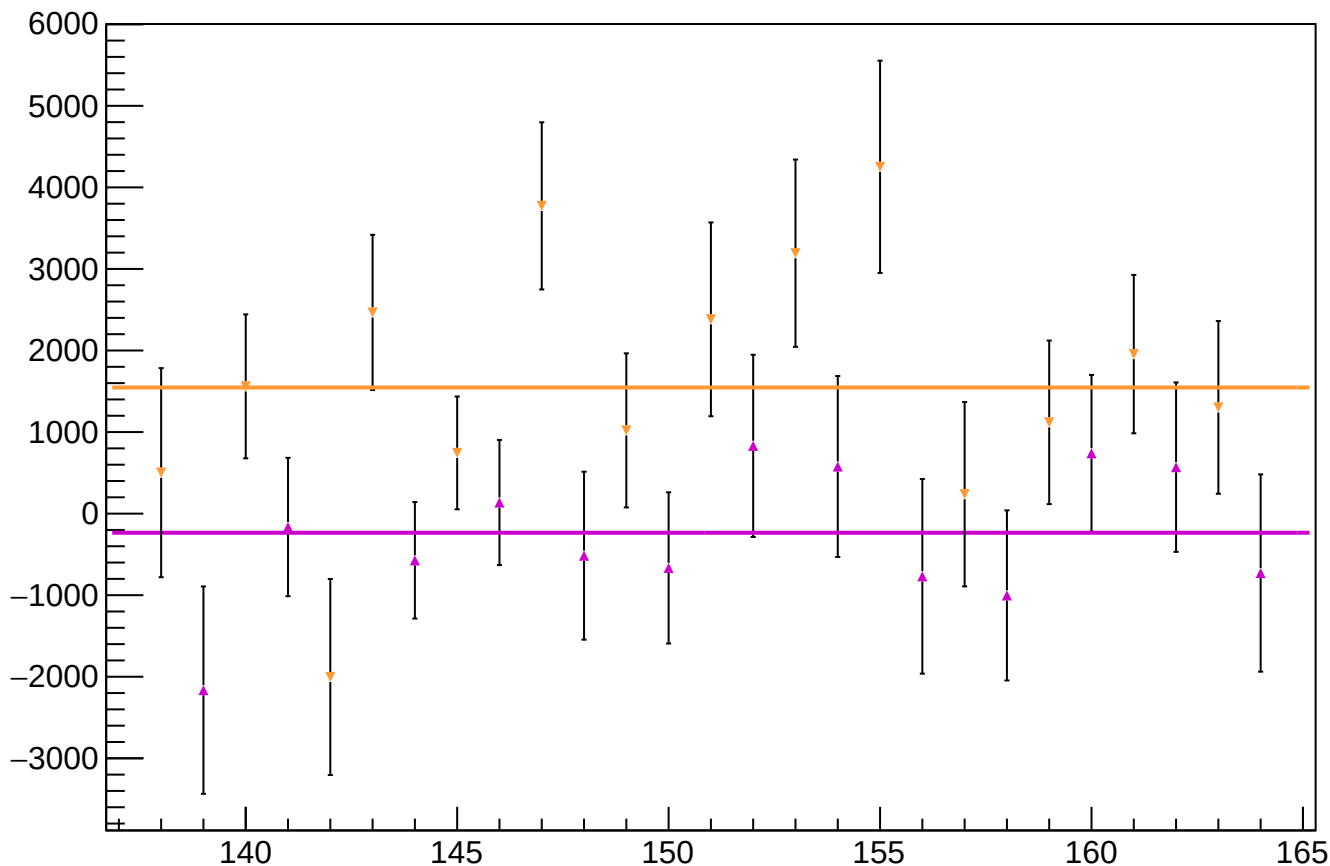
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 863.146+/-0.192 χ^2/NDF :510669.8/12

Out: 863.073+/-0.190 χ^2/NDF :693516.1/13

All: 863.109+/-0.135 χ^2/NDF : 1204186.0/26

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1546.406+/-270.755 χ^2/NDF :25.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -234.497+/-270.097 χ^2/NDF :7.0/12

Left: 653.786+/-191.220 χ^2/NDF : 54.1/26

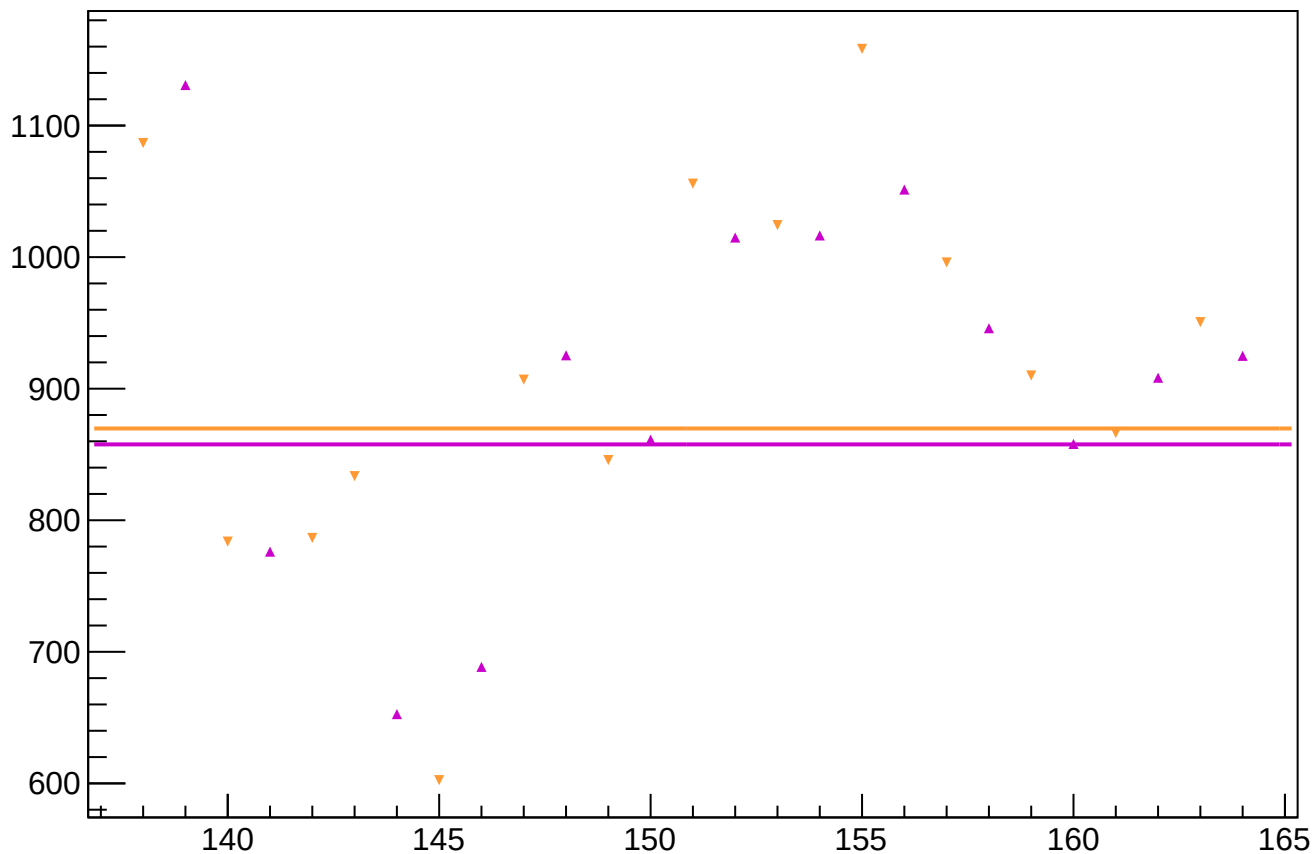
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -234.497+/-270.097 χ^2/NDF :7.0/12

Out: 1546.406+/-270.755 χ^2/NDF :25.3/13

All: 653.786+/-191.220 χ^2/NDF : 54.1/26

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 869.769+/-0.191 χ^2/NDF : 614982.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 857.661+/-0.191 χ^2/NDF : 540190.1/12

Left: 863.701+/-0.135 χ^2/NDF : 1157176.8/26

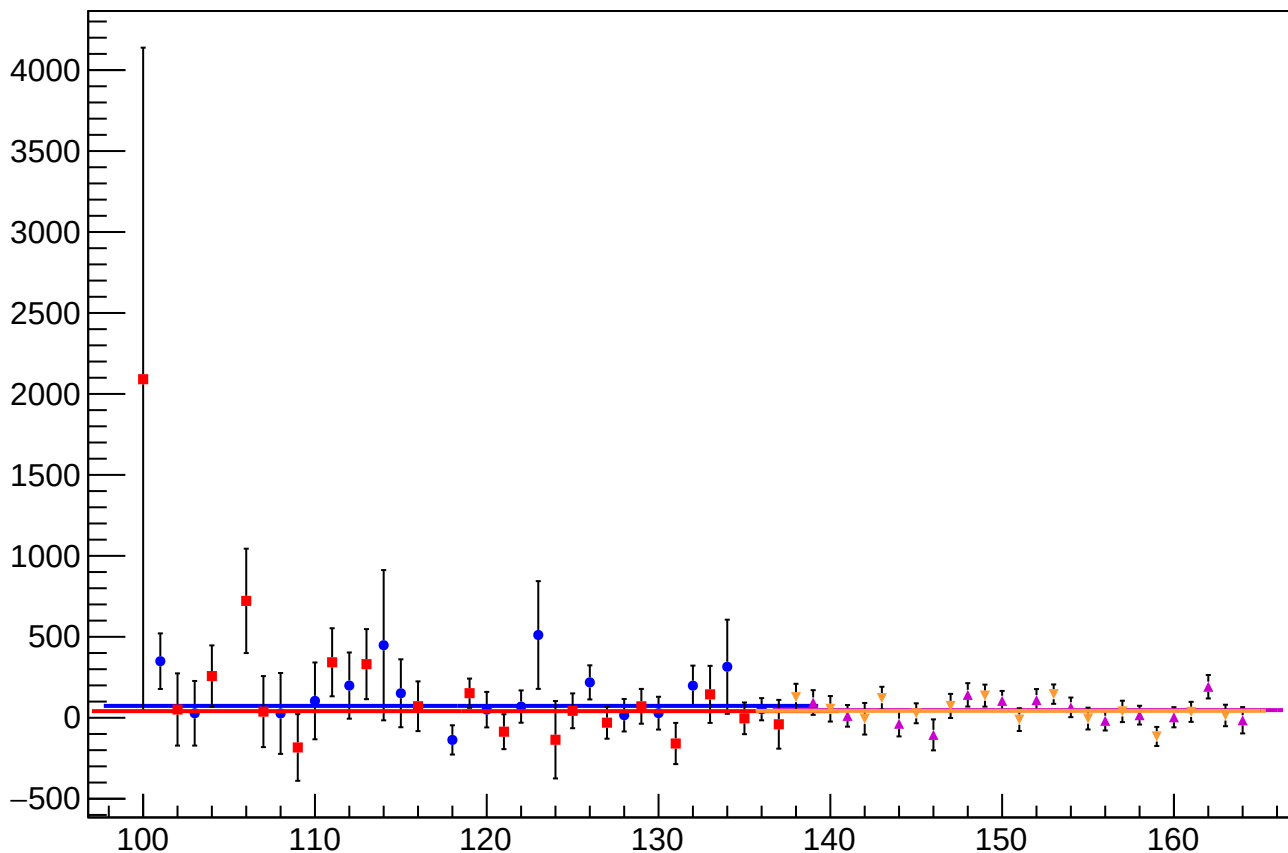
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 857.661+/-0.191 χ^2/NDF : 540190.1/12

Out: 869.769+/-0.191 χ^2/NDF : 614982.0/13

All: 863.701+/-0.135 χ^2/NDF : 1157176.8/26

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: 42.818 $\pm$ 18.297 χ^2 /NDF:16.2/13

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 47.410 $\pm$ 18.931 χ^2 /NDF:14.4/12

Left: 45.036 $\pm$ 13.156 χ^2 /NDF: 30.7/26

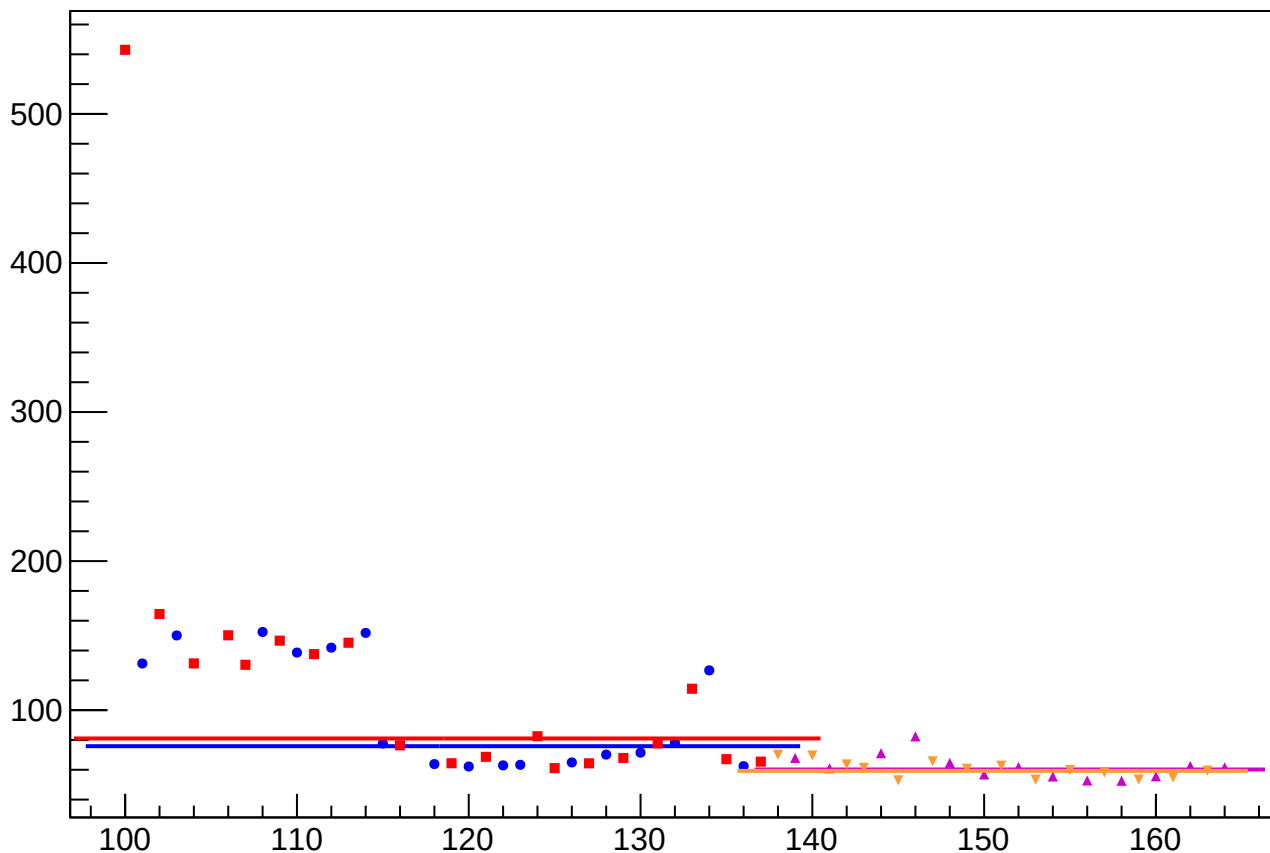
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 54.463 $\pm$ 16.165 χ^2 /NDF:30.2/29

Out: 42.413 $\pm$ 15.972 χ^2 /NDF:35.4/32

All: 48.366 $\pm$ 11.362 χ^2 /NDF: 65.9/62

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 59.272 $\pm$ 0.013 χ^2 /NDF:166248.9/13

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 60.183 $\pm$ 0.013 χ^2 /NDF:271986.8/12

Left: 59.712 $\pm$ 0.009 χ^2 /NDF: 440628.5/26

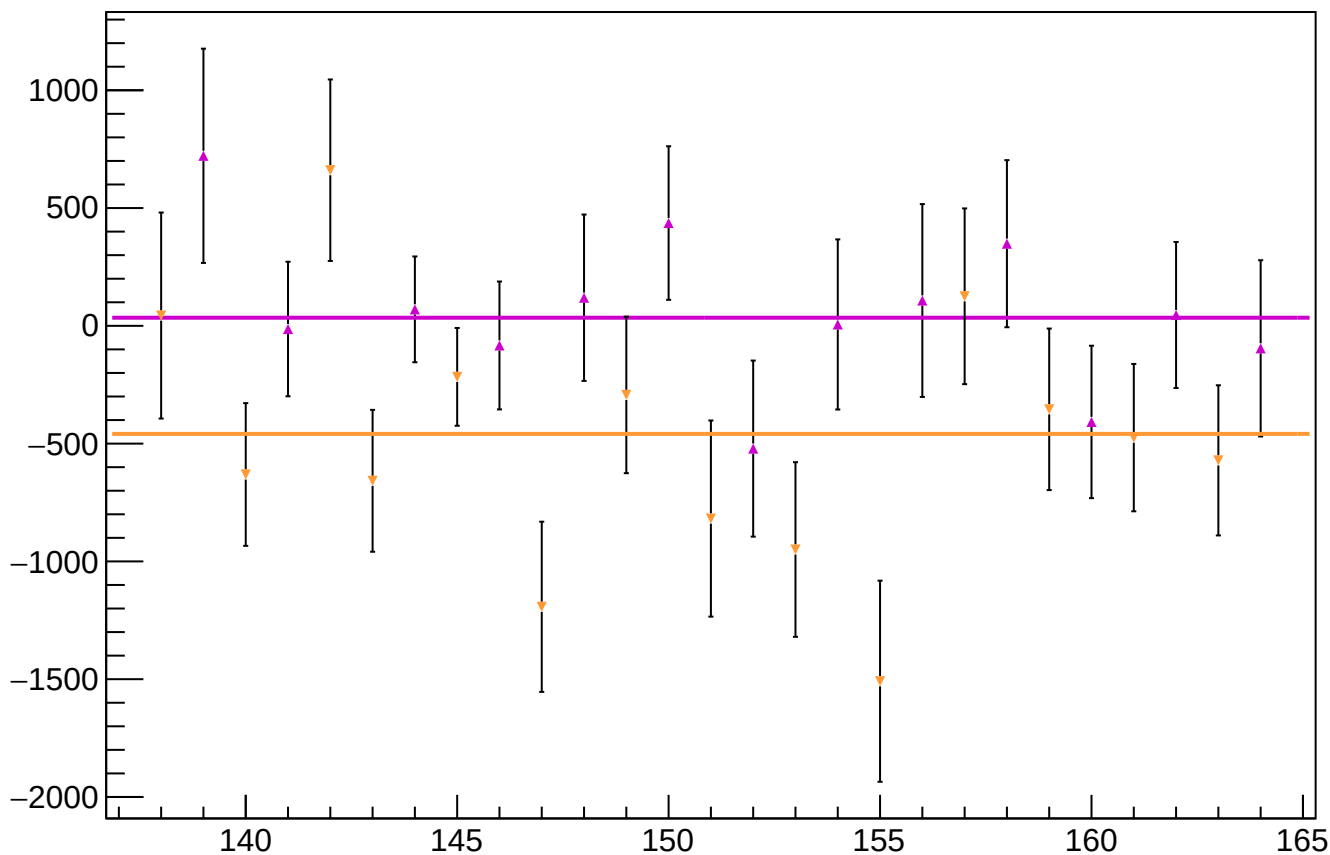
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 64.418 $\pm$ 0.011 χ^2 /NDF:1991548.9/29

Out: 64.443 $\pm$ 0.011 χ^2 /NDF:2465322.5/32

All: 64.431 $\pm$ 0.008 χ^2 /NDF: 4456873.7/62

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -458.678+/-88.344 χ^2/NDF :27.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 34.493+/-89.876 χ^2/NDF :9.1/12

Left: -216.331+/-63.003 χ^2/NDF : 51.9/26

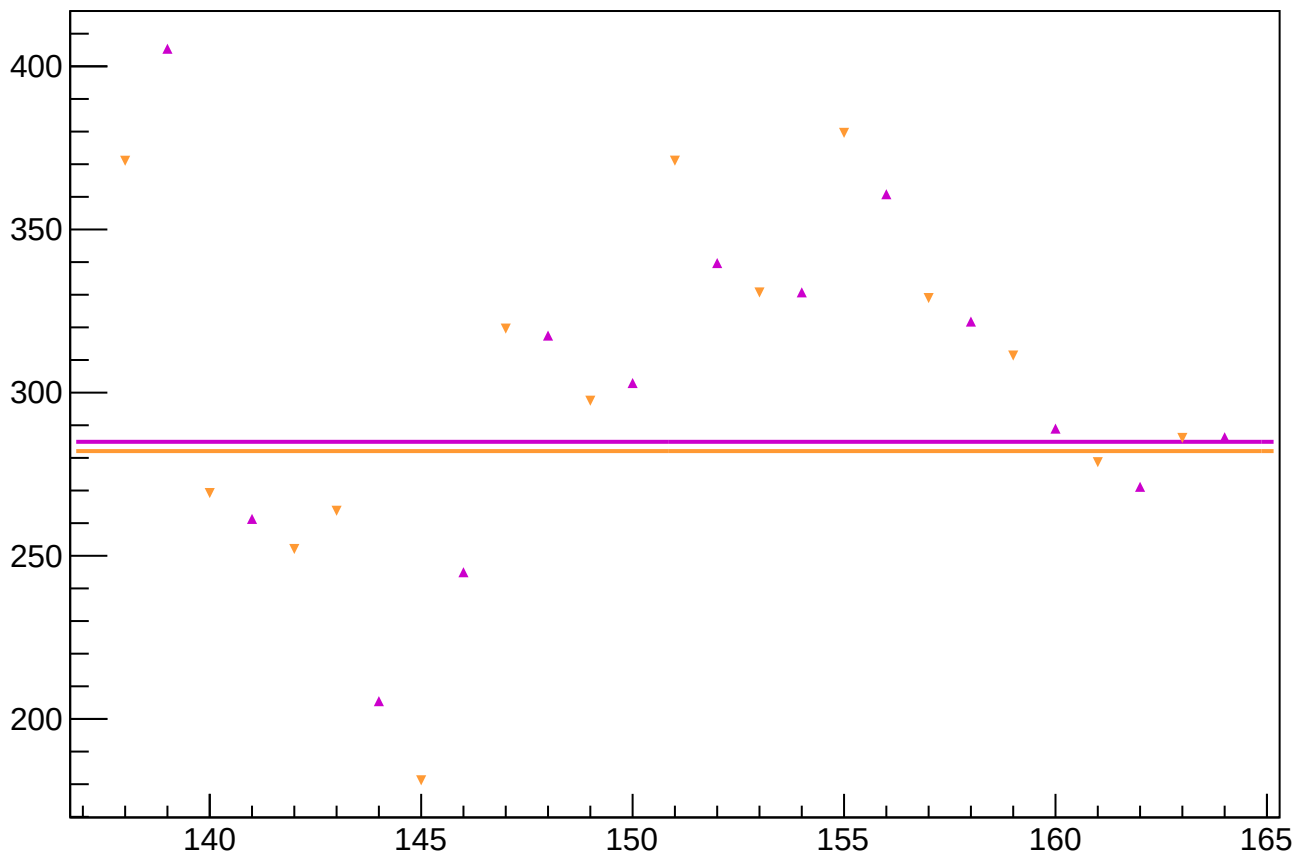
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.493+/-89.876 χ^2/NDF :9.1/12

Out: -458.678+/-88.344 χ^2/NDF :27.5/13

All: -216.331+/-63.003 χ^2/NDF : 51.9/26

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.083+/-0.062 χ^2/NDF :881468.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 284.930+/-0.064 χ^2/NDF :640779.4/12

Left: 283.482+/-0.045 χ^2/NDF : 1523267.9/26

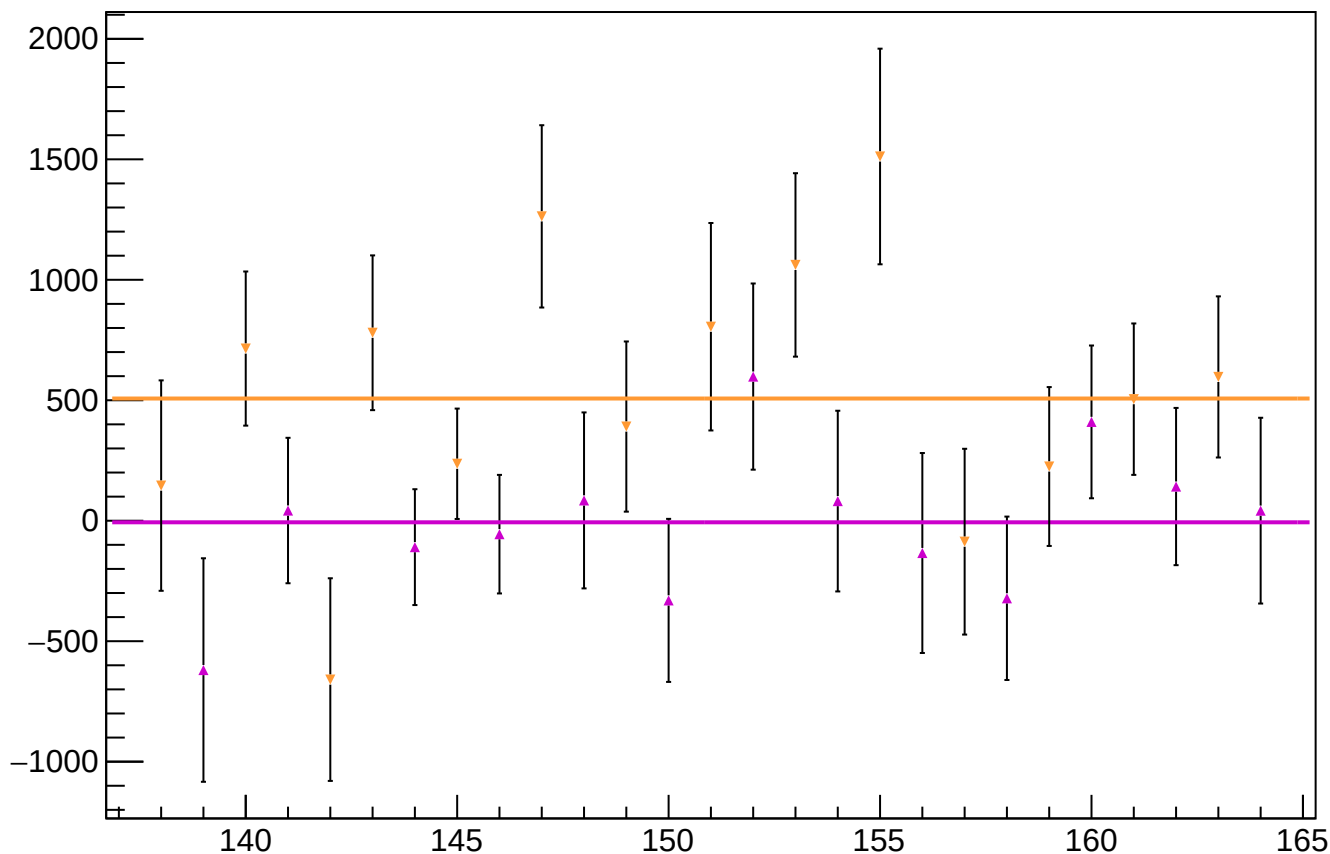
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 284.930+/-0.064 χ^2/NDF :640779.4/12

Out: 282.083+/-0.062 χ^2/NDF :881468.0/13

All: 283.482+/-0.045 χ^2/NDF : 1523267.9/26

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 507.223+/-92.564 χ^2/NDF :25.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.518+/-91.263 χ^2/NDF :8.4/12

Left: 246.719+/-64.988 χ^2/NDF : 49.9/26

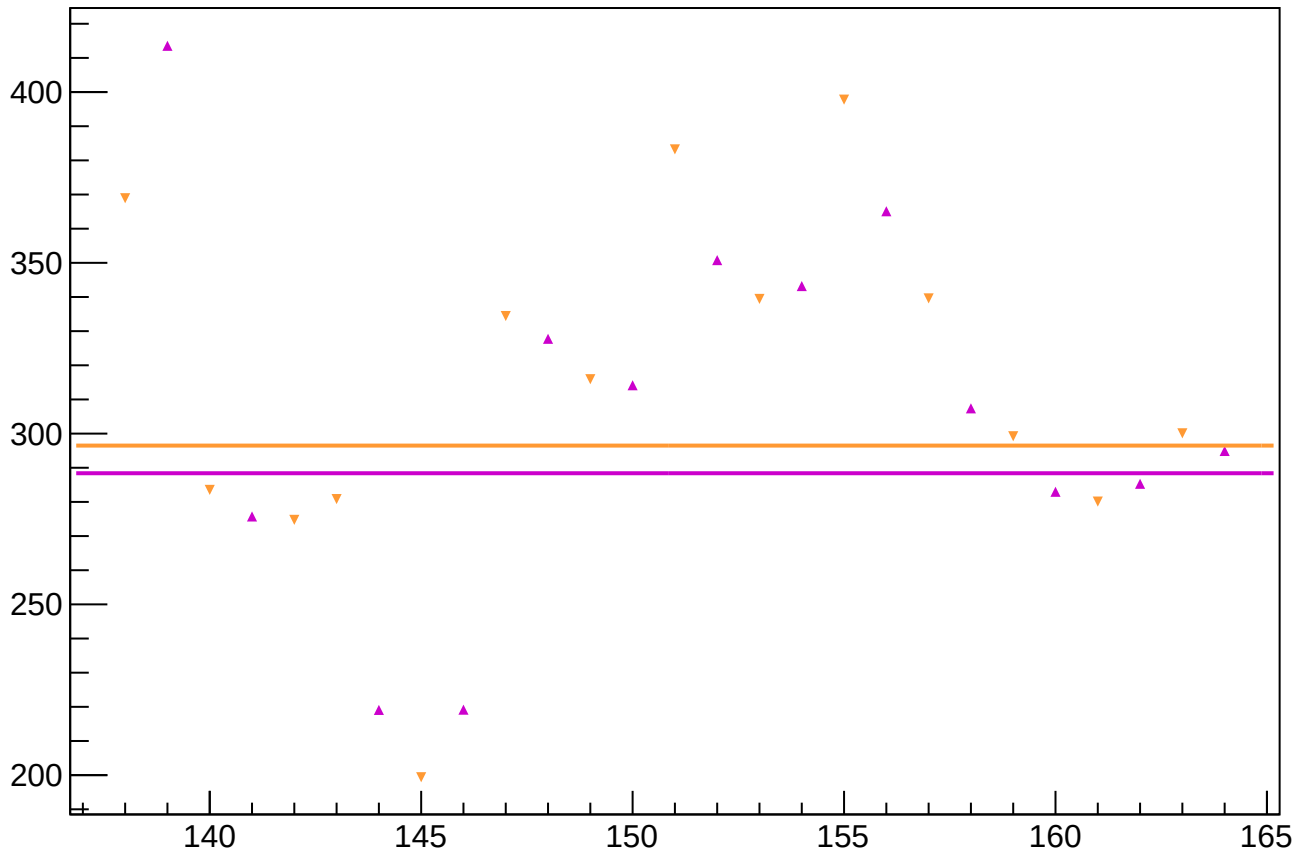
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.518+/-91.263 χ^2/NDF :8.4/12

Out: 507.223+/-92.564 χ^2/NDF :25.8/13

All: 246.719+/-64.988 χ^2/NDF : 49.9/26

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left Out: 296.492±/-0.065 χ^2/NDF :693832.0/13

Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left In: 288.397±/-0.065 χ^2/NDF :679277.9/12

Left: 292.387±/-0.046 χ^2/NDF : 1380866.2/26

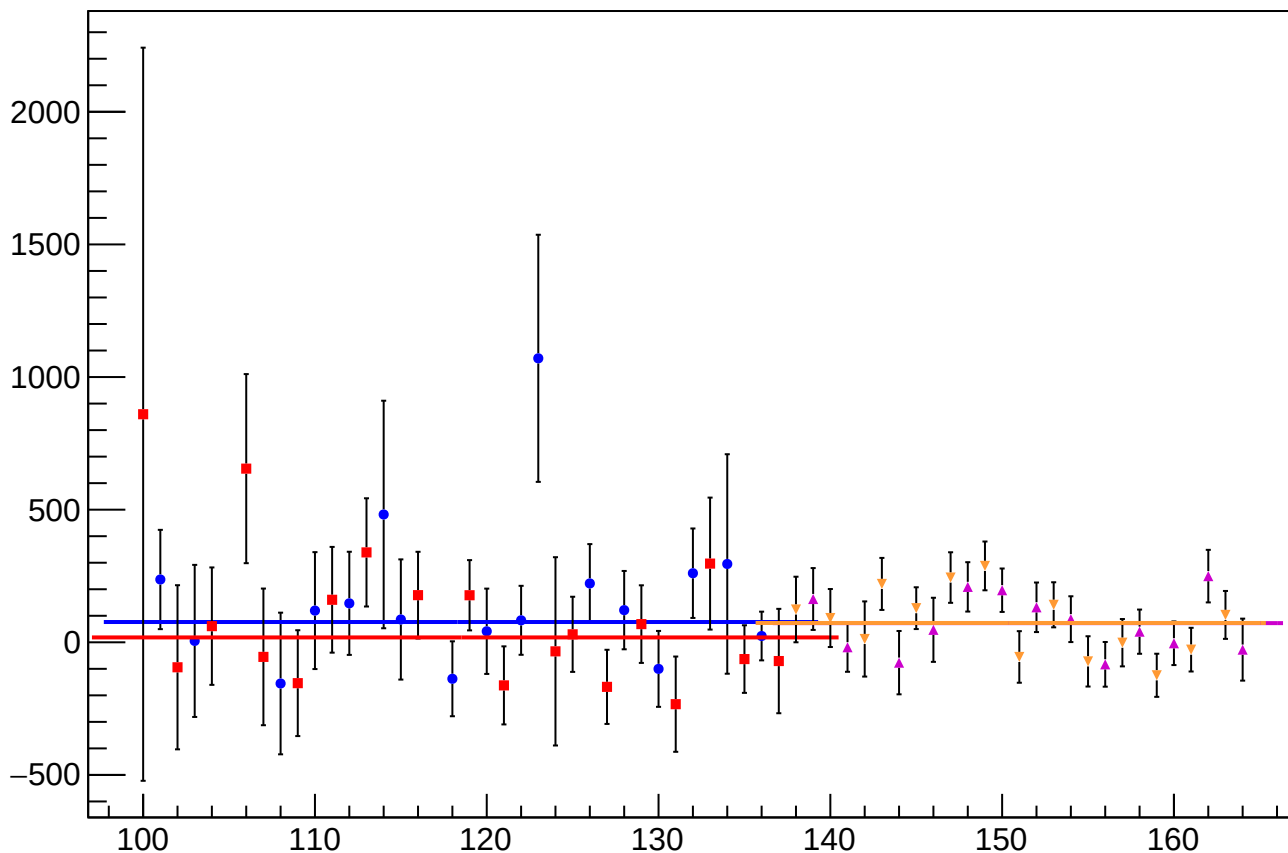
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: 288.397±/-0.065 χ^2/NDF :679277.9/12

Out: 296.492±/-0.065 χ^2/NDF :693832.0/13

All: 292.387±/-0.046 χ^2/NDF : 1380866.2/26

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: 72.877 $\pm$ 25.040 χ^2 /NDF:24.7/13

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 72.304 $\pm$ 26.259 χ^2 /NDF:16.4/12

Left: 72.604 $\pm$ 18.122 χ^2 /NDF: 41.1/26

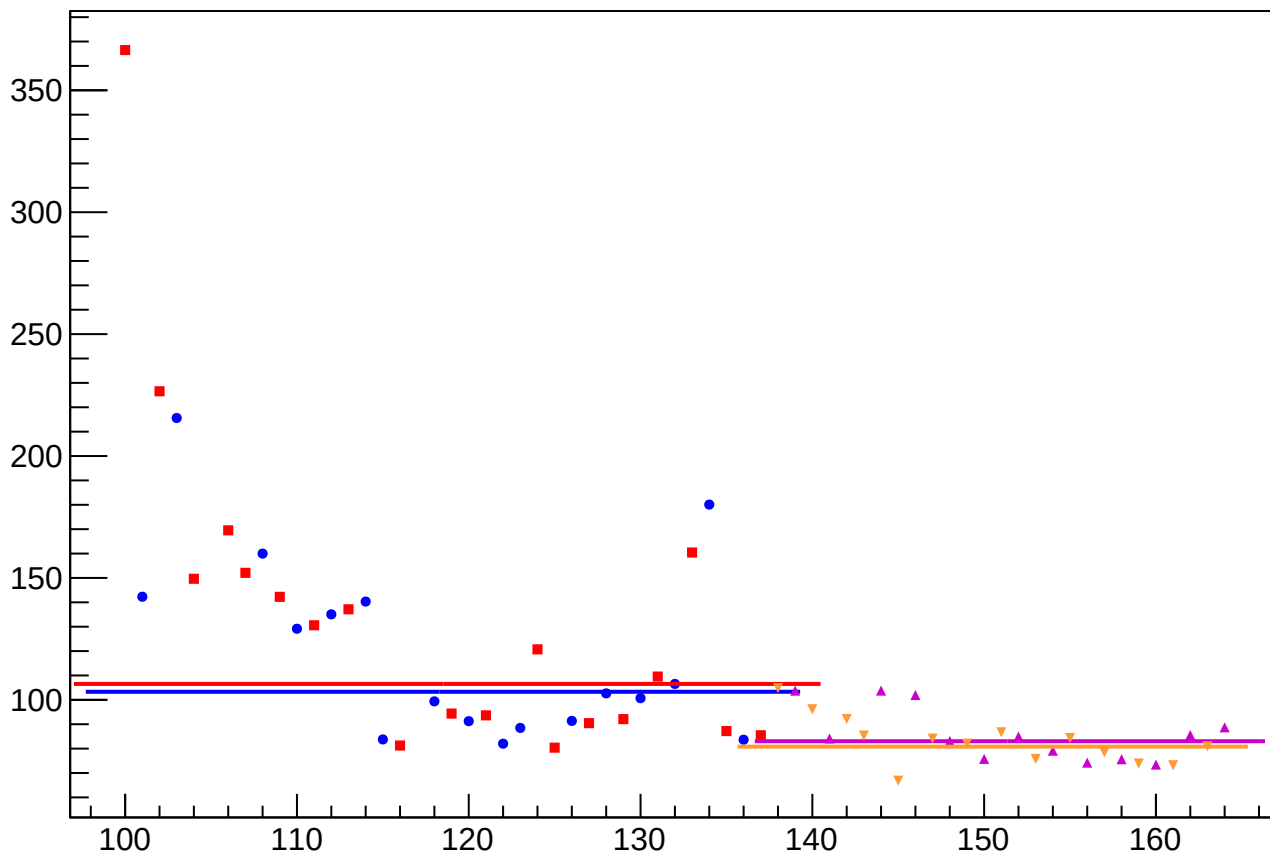
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 73.502 $\pm$ 22.199 χ^2 /NDF:30.3/29

Out: 58.727 $\pm$ 21.545 χ^2 /NDF:43.2/32

All: 65.894 $\pm$ 15.461 χ^2 /NDF: 73.7/62

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: 80.821 $\pm$ 0.018 χ^2 /NDF:247480.4/13

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 83.037 $\pm$ 0.019 χ^2 /NDF:264626.0/12

Left: 81.876 $\pm$ 0.013 χ^2 /NDF: 519570.0/26

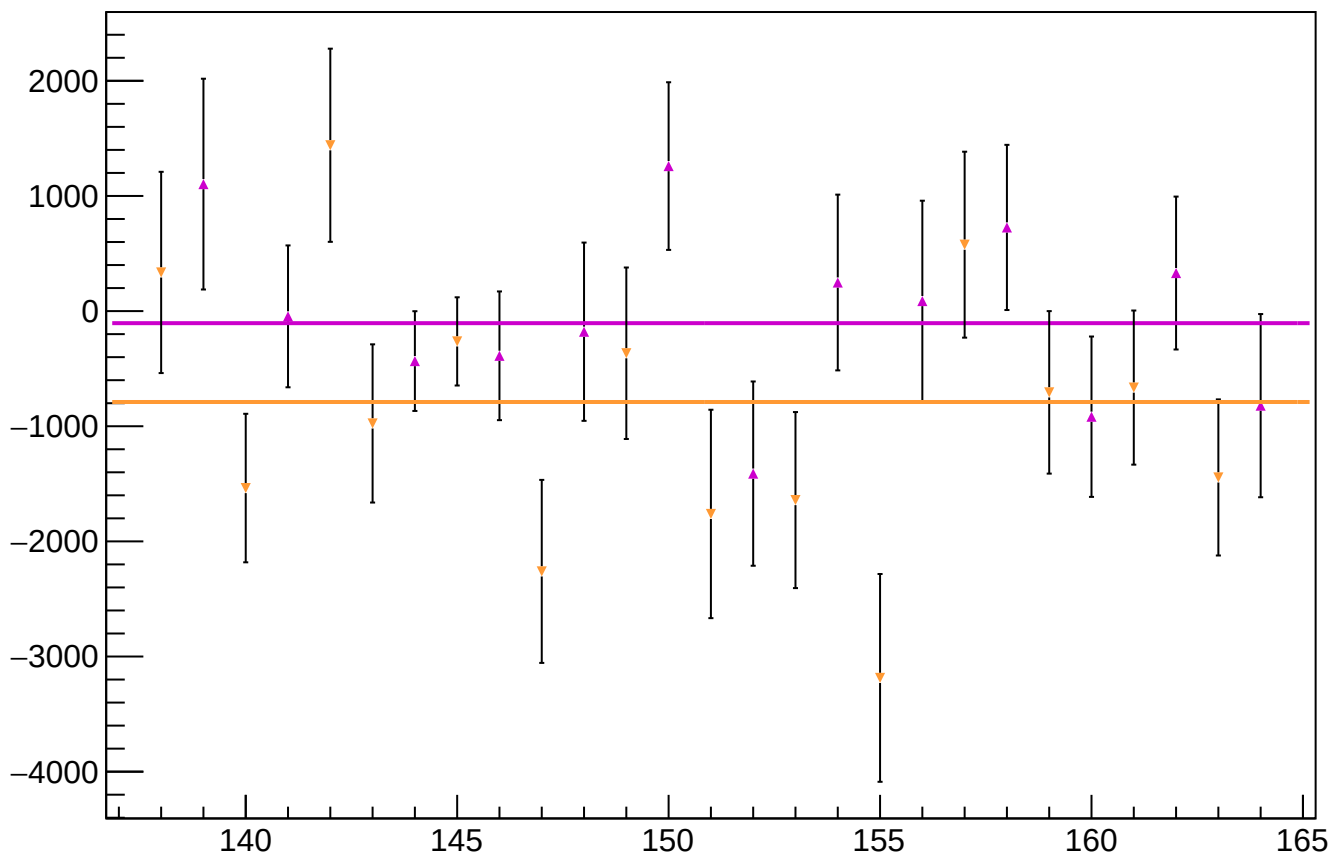
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 88.824 $\pm$ 0.016 χ^2 /NDF:1442825.4/29

Out: 87.498 $\pm$ 0.015 χ^2 /NDF:1866657.3/32

All: 88.141 $\pm$ 0.011 χ^2 /NDF: 3313158.1/62

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -789.444+/-183.915 χ^2/NDF :29.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -104.775+/-187.765 χ^2/NDF :13.0/12

Left: -454.201+/-131.388 χ^2/NDF : 48.8/26

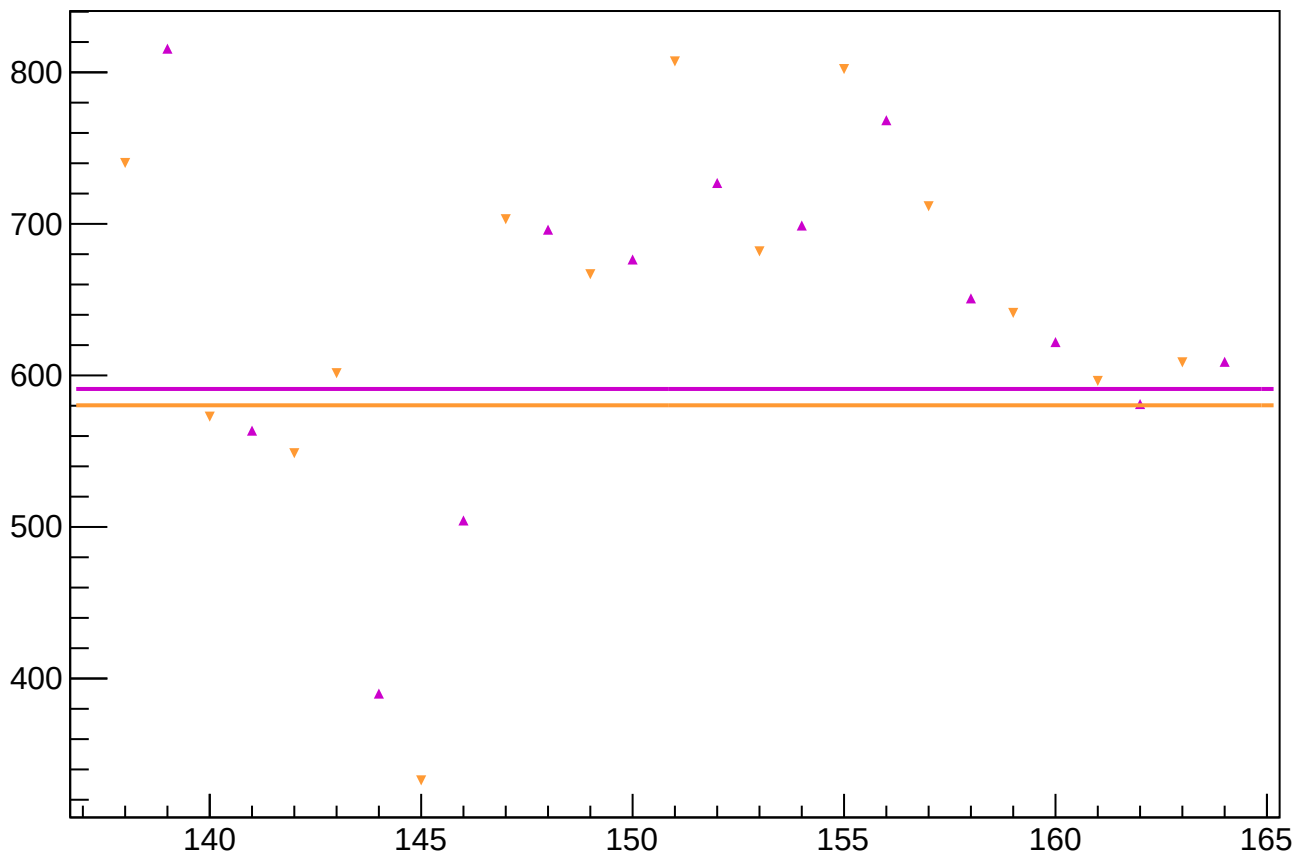
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -104.775+/-187.765 χ^2/NDF :13.0/12

Out: -789.444+/-183.915 χ^2/NDF :29.1/13

All: -454.201+/-131.388 χ^2/NDF : 48.8/26

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 580.285+/-0.130 χ^2/NDF :1335991.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 591.068+/-0.133 χ^2/NDF :867504.0/12

Left: 585.565+/-0.093 χ^2/NDF : 2206861.9/26

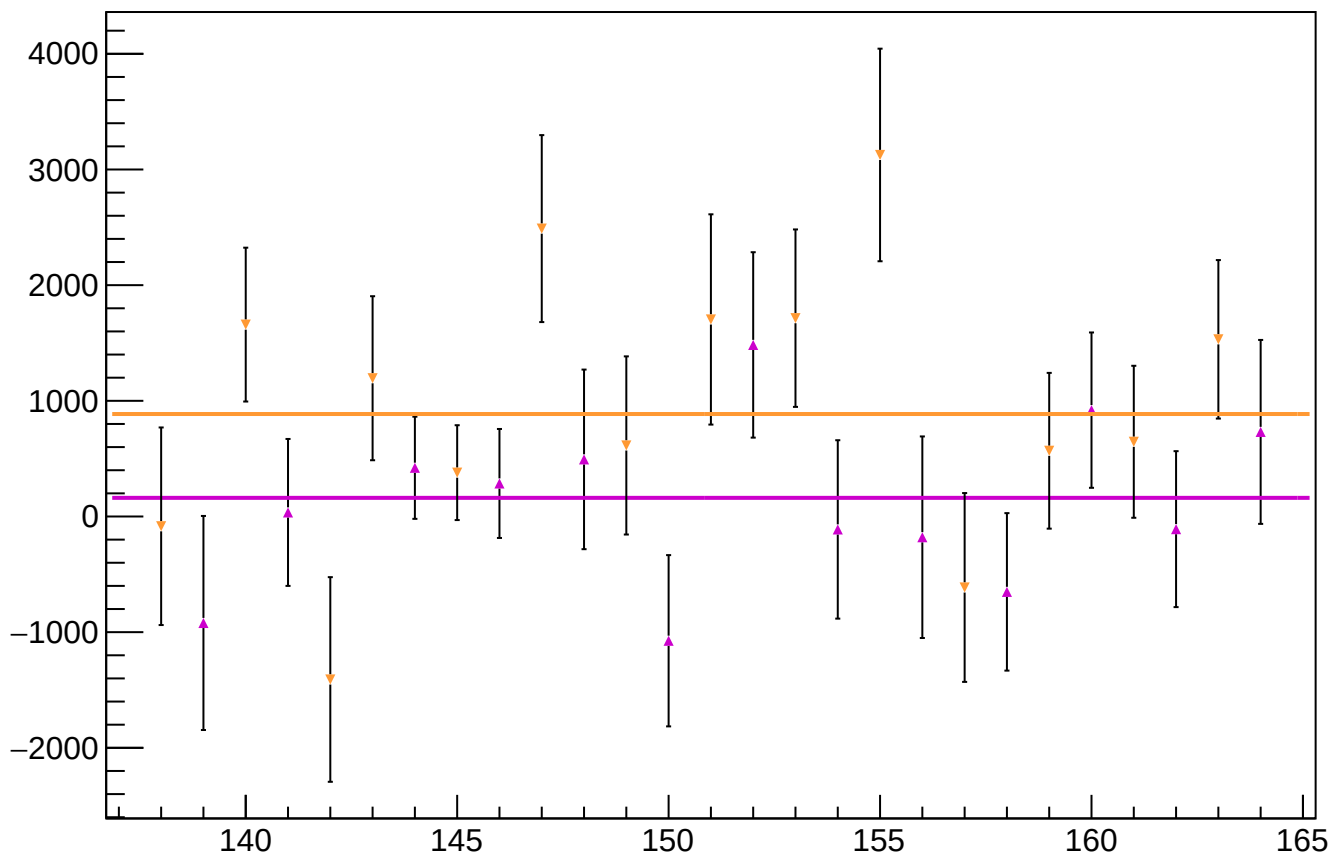
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 591.068+/-0.133 χ^2/NDF :867504.0/12

Out: 580.285+/-0.130 χ^2/NDF :1335991.3/13

All: 585.565+/-0.093 χ^2/NDF : 2206861.9/26

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 885.943 $\pm$ 187.941 χ^2 /NDF:27.7/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 161.199 $\pm$ 184.195 χ^2 /NDF:11.2/12

Left: 516.276 $\pm$ 131.550 χ^2 /NDF: 46.4/26

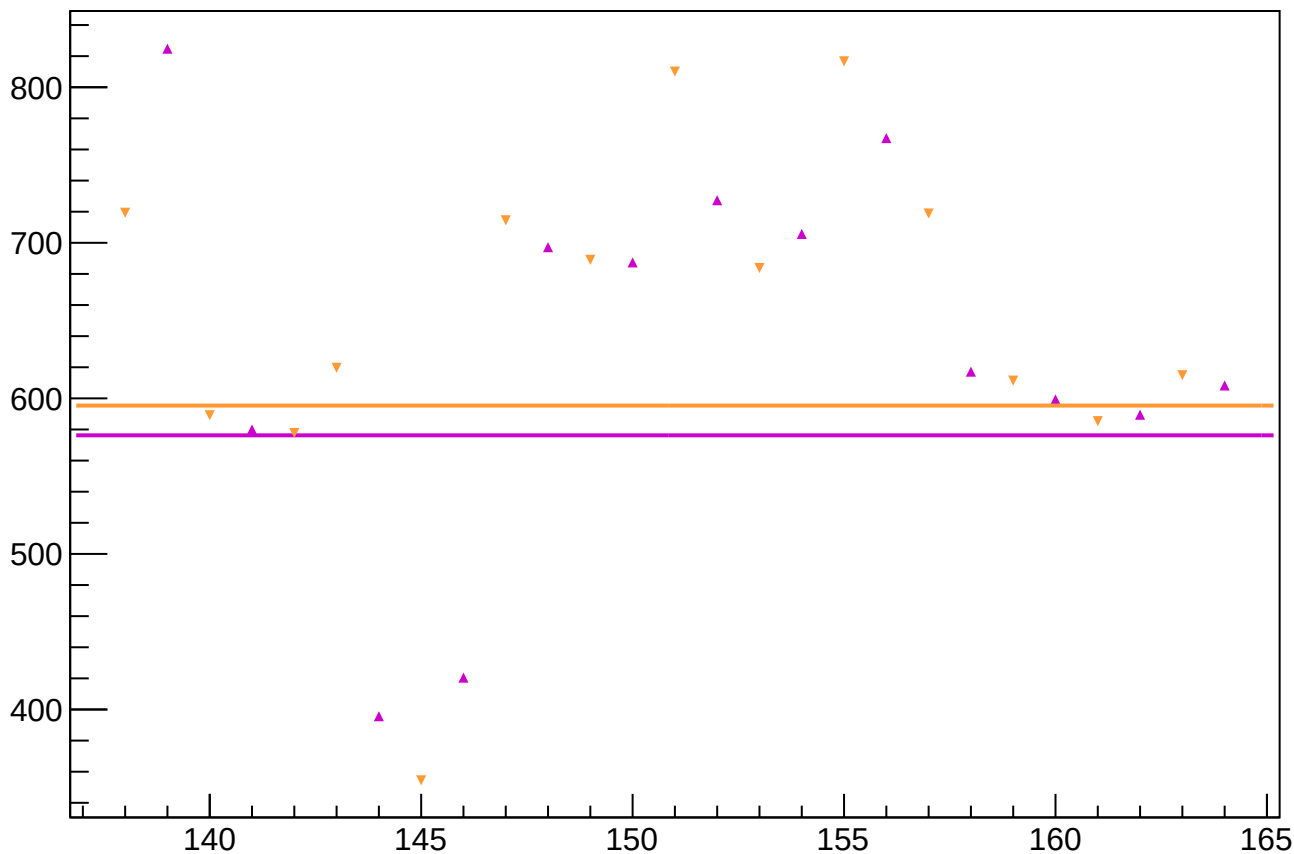
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 161.199 $\pm$ 184.195 χ^2 /NDF:11.2/12

Out: 885.943 $\pm$ 187.941 χ^2 /NDF:27.7/13

All: 516.276 $\pm$ 131.550 χ^2 /NDF: 46.4/26

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 595.370+/-0.133 χ^2/NDF :1112087.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 576.241+/-0.130 χ^2/NDF :1028196.8/12

Left: 585.613+/-0.093 χ^2/NDF : 2150852.3/26

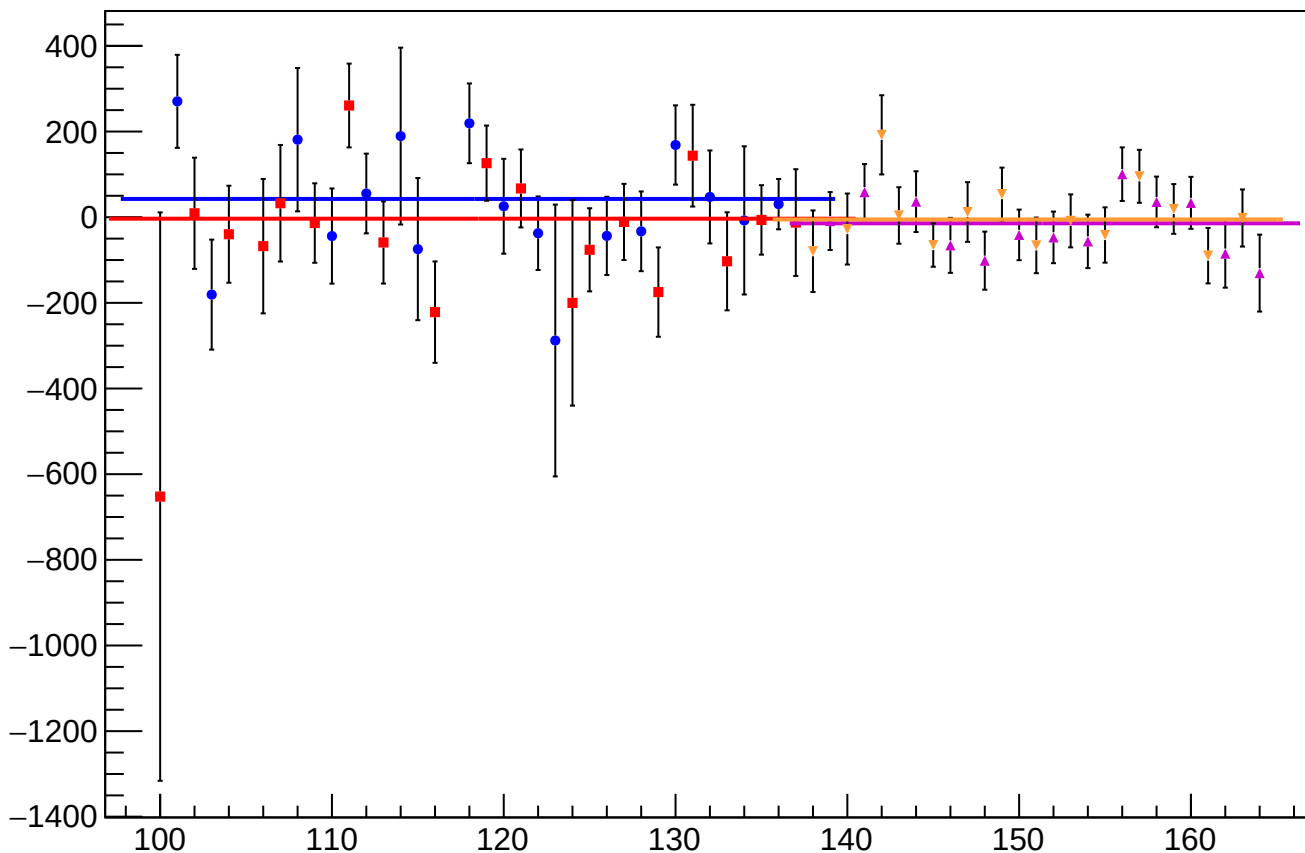
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 576.241+/-0.130 χ^2/NDF :1028196.8/12

Out: 595.370+/-0.133 χ^2/NDF :1112087.4/13

All: 585.613+/-0.093 χ^2/NDF : 2150852.3/26

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -5.275+/-17.622 χ^2/NDF : 13.4/13

Right Out: -3.503+/-25.070 χ^2/NDF : 21.4/18

Left In: -14.307+/-18.184 χ^2/NDF : 12.2/12

Left: -9.650+/-12.655 χ^2/NDF : 25.7/26

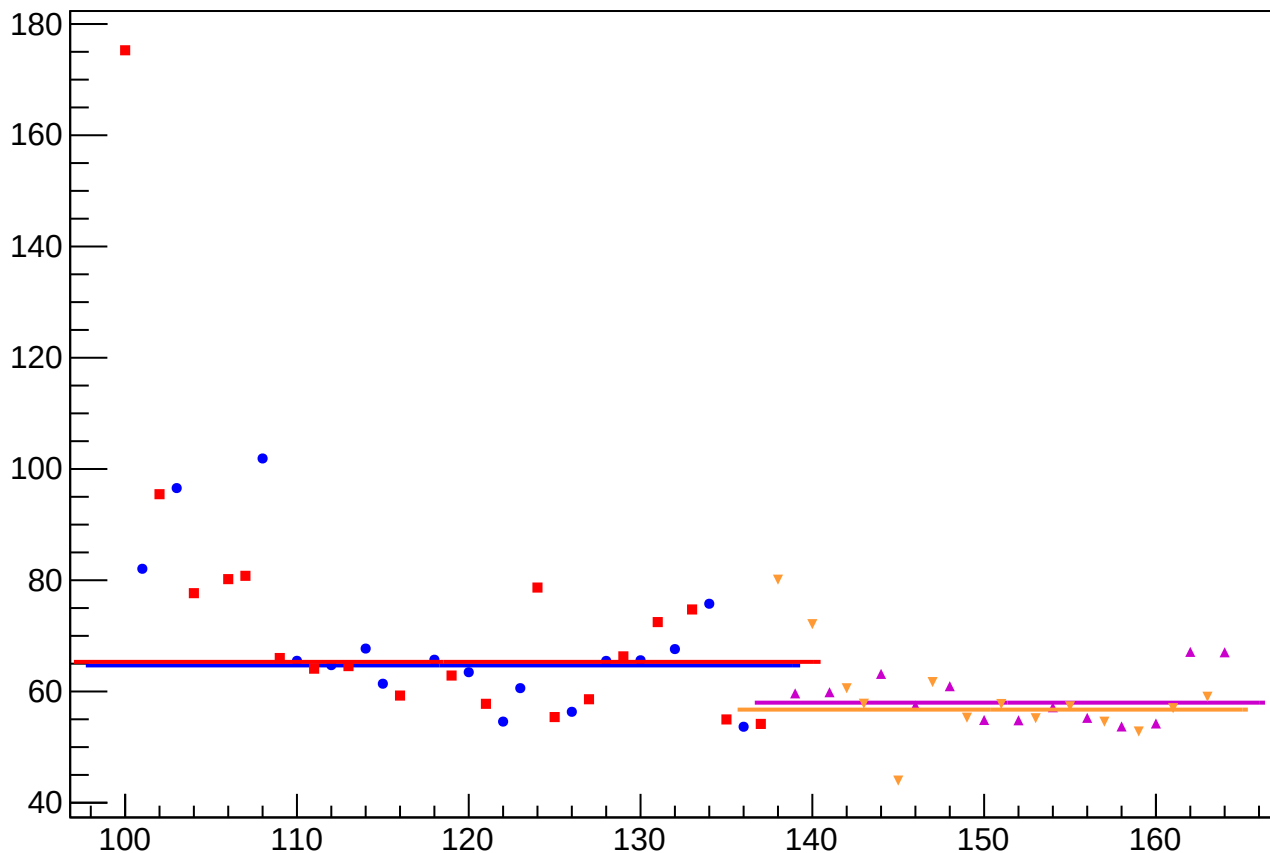
Right: 19.196+/-17.872 χ^2/NDF : 41.9/35

In: 4.908+/-14.802 χ^2/NDF : 34.3/29

Out: -4.689+/-14.417 χ^2/NDF : 34.7/32

All: -0.017+/-10.328 χ^2/NDF : 69.3/62

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: 56.741 $\pm$ 0.012 χ^2 /NDF:346932.1/13

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 57.991 $\pm$ 0.013 χ^2 /NDF:97475.5/12

Left: 57.346 $\pm$ 0.009 χ^2 /NDF: 449280.5/26

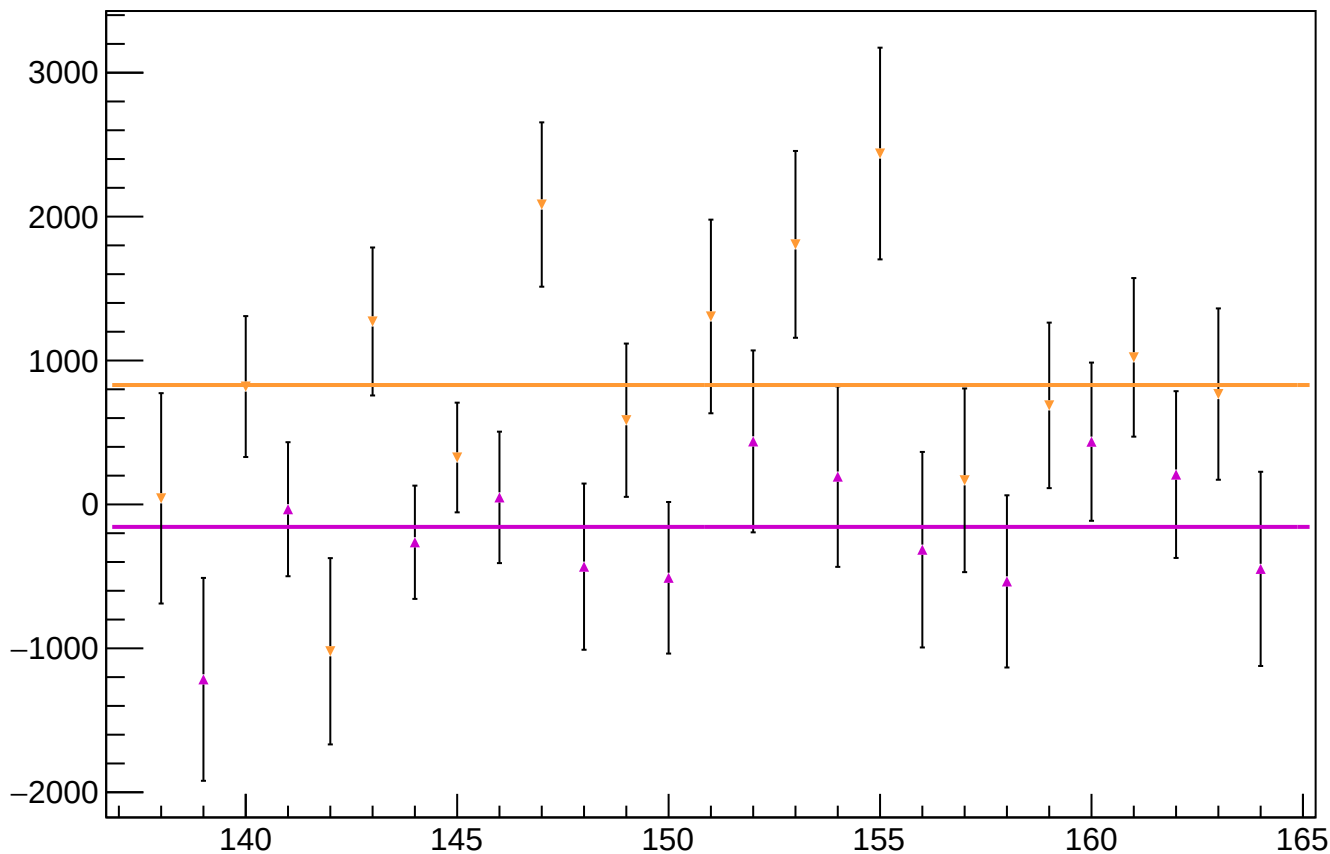
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.249 $\pm$ 0.010 χ^2 /NDF:589117.2/29

Out: 59.579 $\pm$ 0.010 χ^2 /NDF:863426.9/32

All: 59.905 $\pm$ 0.007 χ^2 /NDF: 1454645.1/62

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 829.743+/-151.244 χ^2/NDF :25.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -156.094+/-152.554 χ^2/NDF :6.7/12

Left: 341.077+/-107.406 χ^2/NDF : 53.4/26

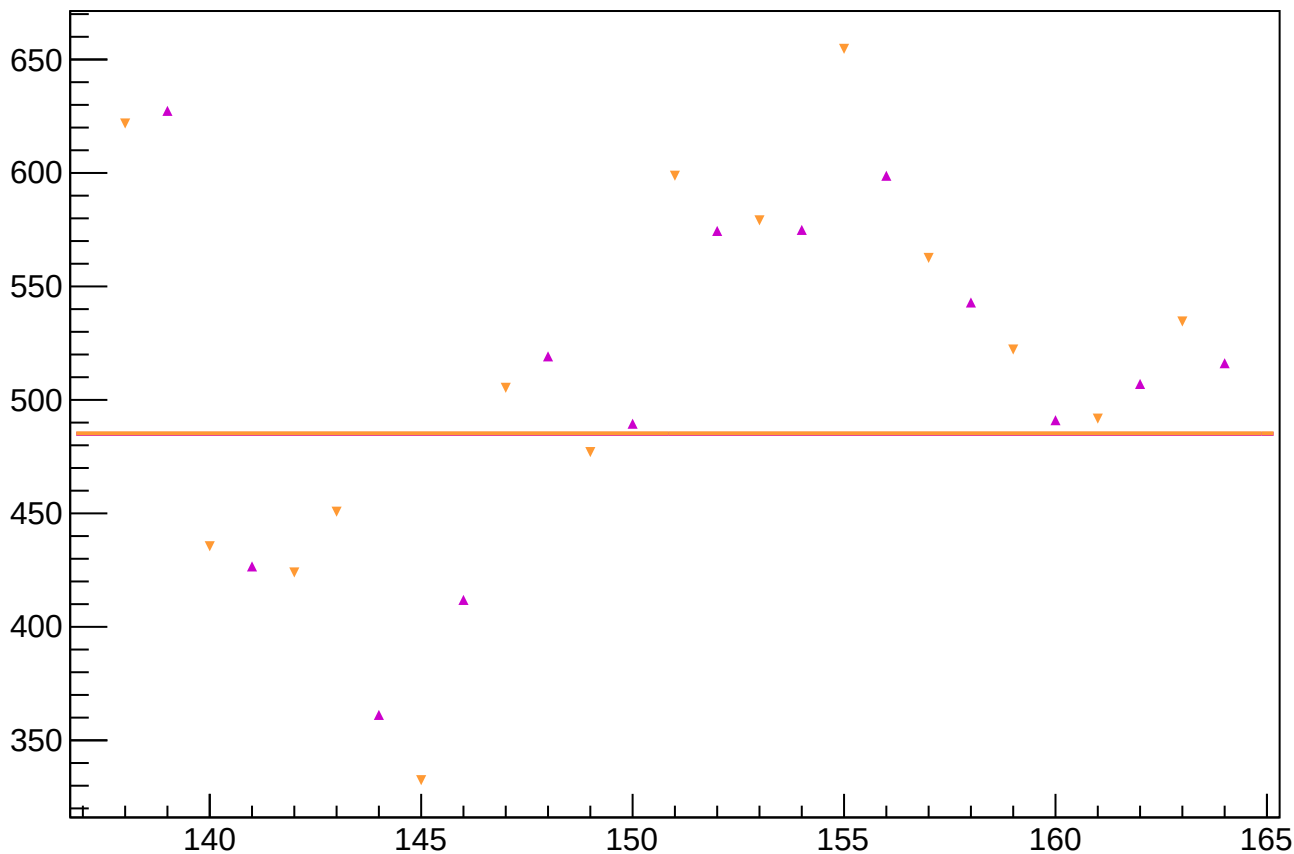
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -156.094+/-152.554 χ^2/NDF :6.7/12

Out: 829.743+/-151.244 χ^2/NDF :25.7/13

All: 341.077+/-107.406 χ^2/NDF : 53.4/26

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: 485.265+/-0.107 χ^2/NDF : 698409.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 485.026+/-0.108 χ^2/NDF : 532762.5/12

Left: 485.146+/-0.076 χ^2/NDF : 1231174.8/26

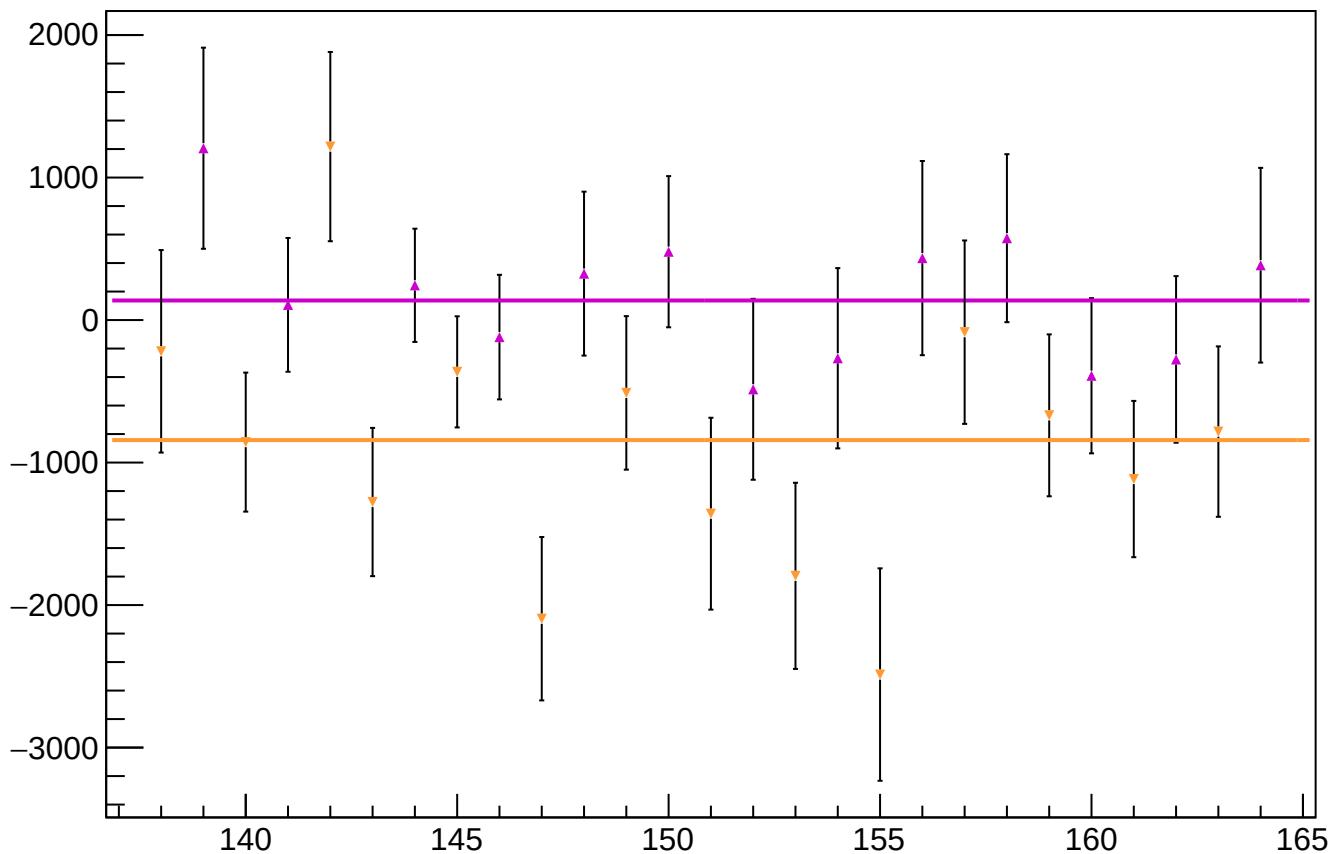
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 485.026+/-0.108 χ^2/NDF : 532762.5/12

Out: 485.265+/-0.107 χ^2/NDF : 698409.8/13

All: 485.146+/-0.076 χ^2/NDF : 1231174.8/26

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -842.180 $\pm$ 152.147 χ^2 /NDF:27.1/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 137.351 $\pm$ 152.240 χ^2 /NDF:6.9/12

Left: -352.716 $\pm$ 107.617 χ^2 /NDF: 54.7/26

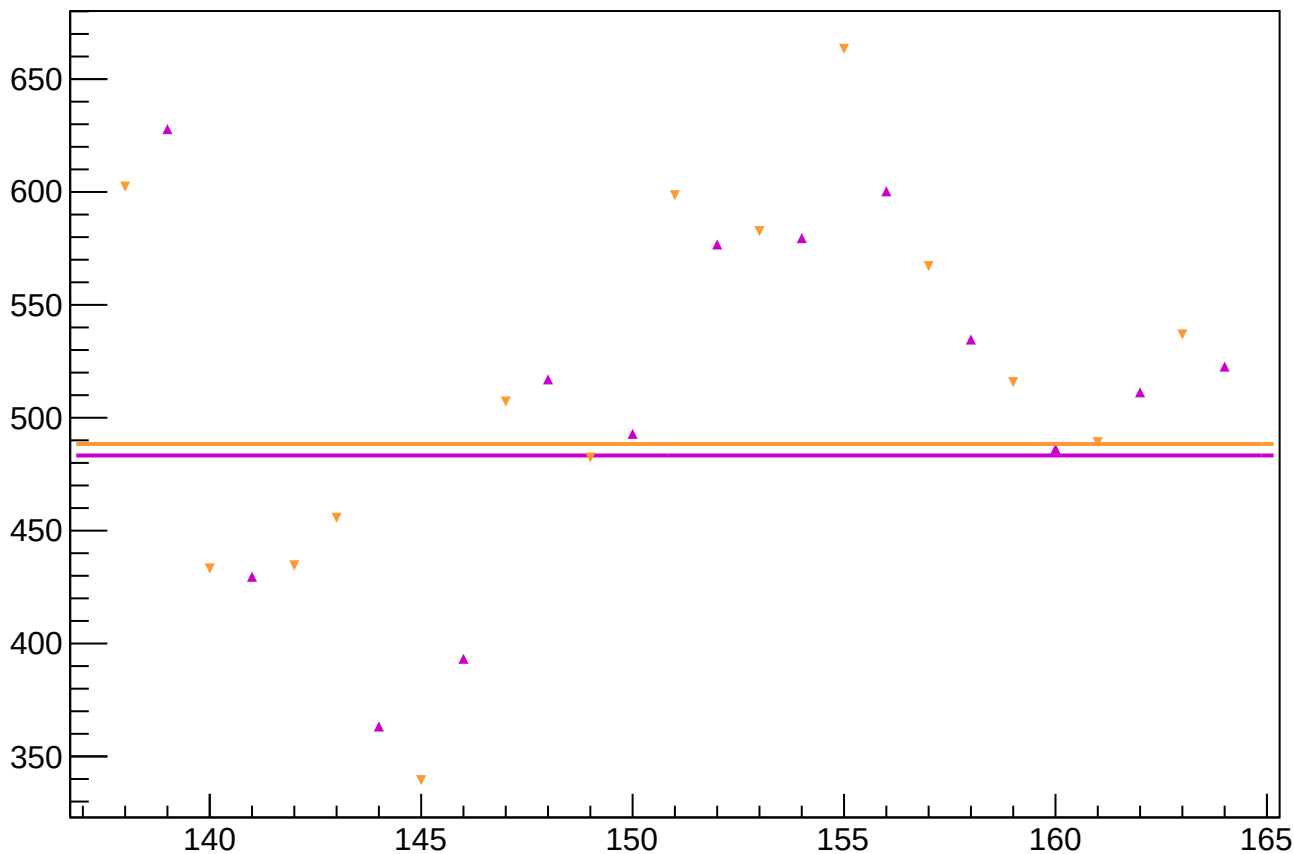
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 137.351 $\pm$ 152.240 χ^2 /NDF:6.9/12

Out: -842.180 $\pm$ 152.147 χ^2 /NDF:27.1/13

All: -352.716 $\pm$ 107.617 χ^2 /NDF: 54.7/26

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 488.396+/-0.108 χ^2/NDF :645378.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 483.290+/-0.108 χ^2/NDF :560184.5/12

Left: 485.845+/-0.076 χ^2/NDF : 1206688.3/26

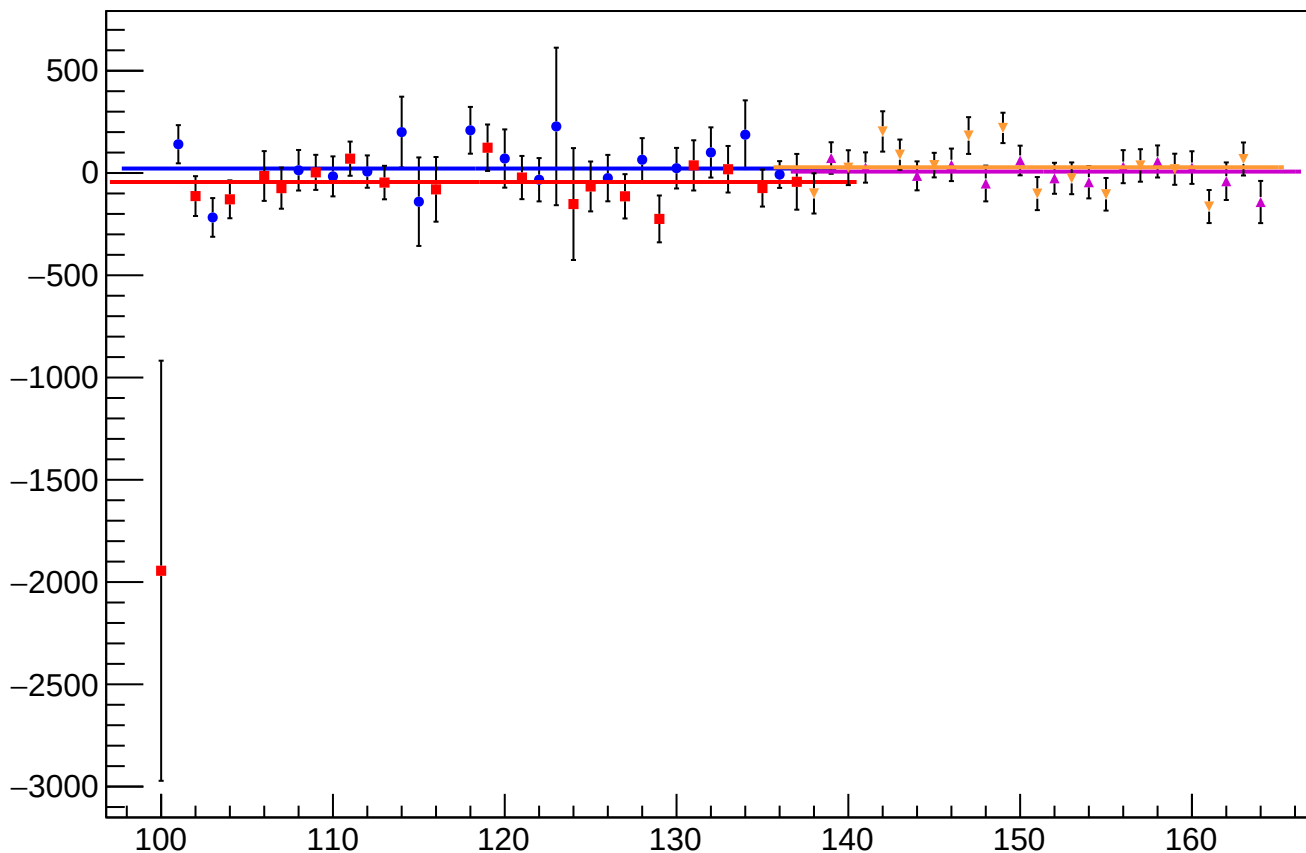
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 483.290+/-0.108 χ^2/NDF :560184.5/12

Out: 488.396+/-0.108 χ^2/NDF :645378.1/13

All: 485.845+/-0.076 χ^2/NDF : 1206688.3/26

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: 28.109 $\pm$ 21.206 χ^2 /NDF:26.9/13

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 6.900 $\pm$ 22.090 χ^2 /NDF:5.6/12

Left: 17.937 $\pm$ 15.298 χ^2 /NDF: 33.0/26

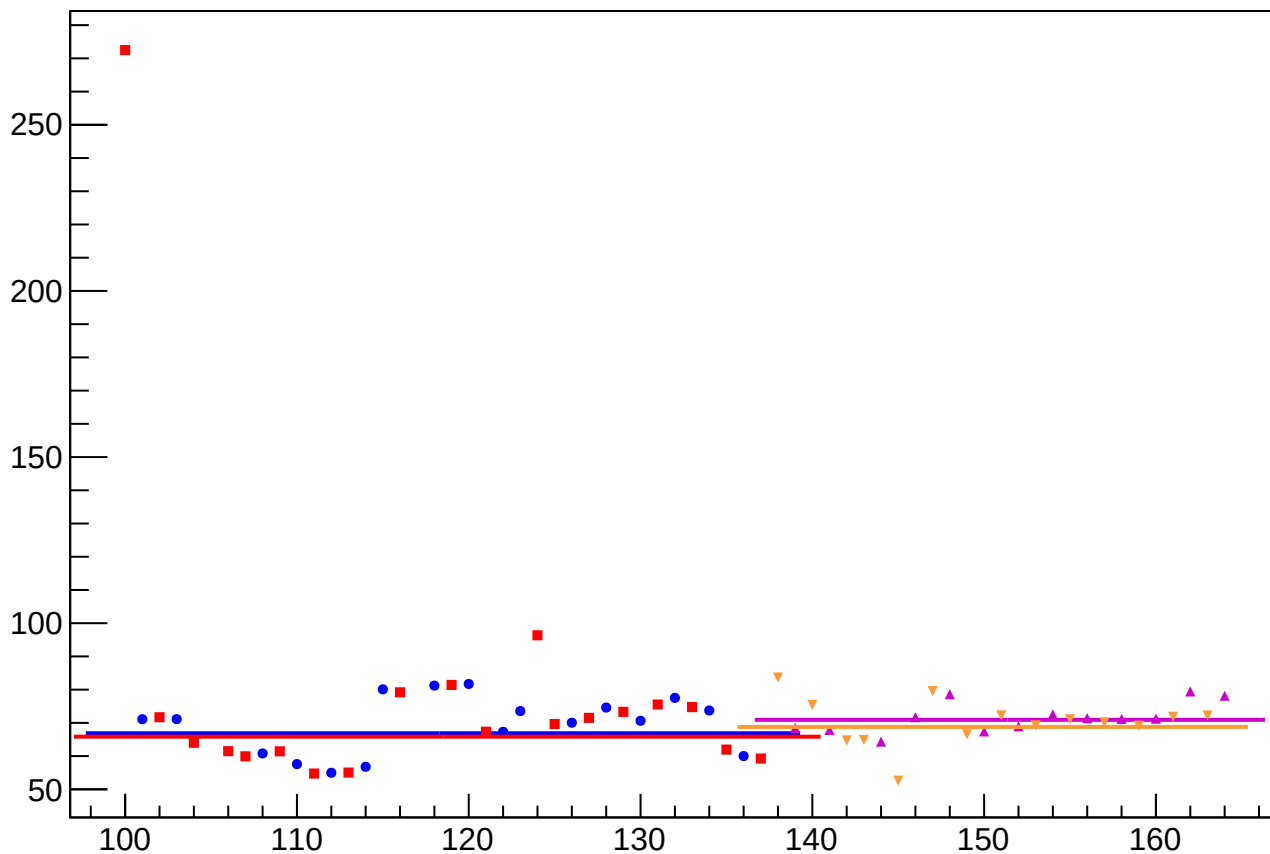
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 13.176 $\pm$ 16.849 χ^2 /NDF:20.9/29

Out: -1.893 $\pm$ 16.201 χ^2 /NDF:45.0/32

All: 5.346 $\pm$ 11.678 χ^2 /NDF: 66.3/62

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: 68.787 $\pm$ 0.015 χ^2/NDF : 254789.9/13

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 70.918 $\pm$ 0.016 χ^2/NDF : 72437.4/12

Left: 69.809 $\pm$ 0.011 χ^2/NDF : 336914.1/26

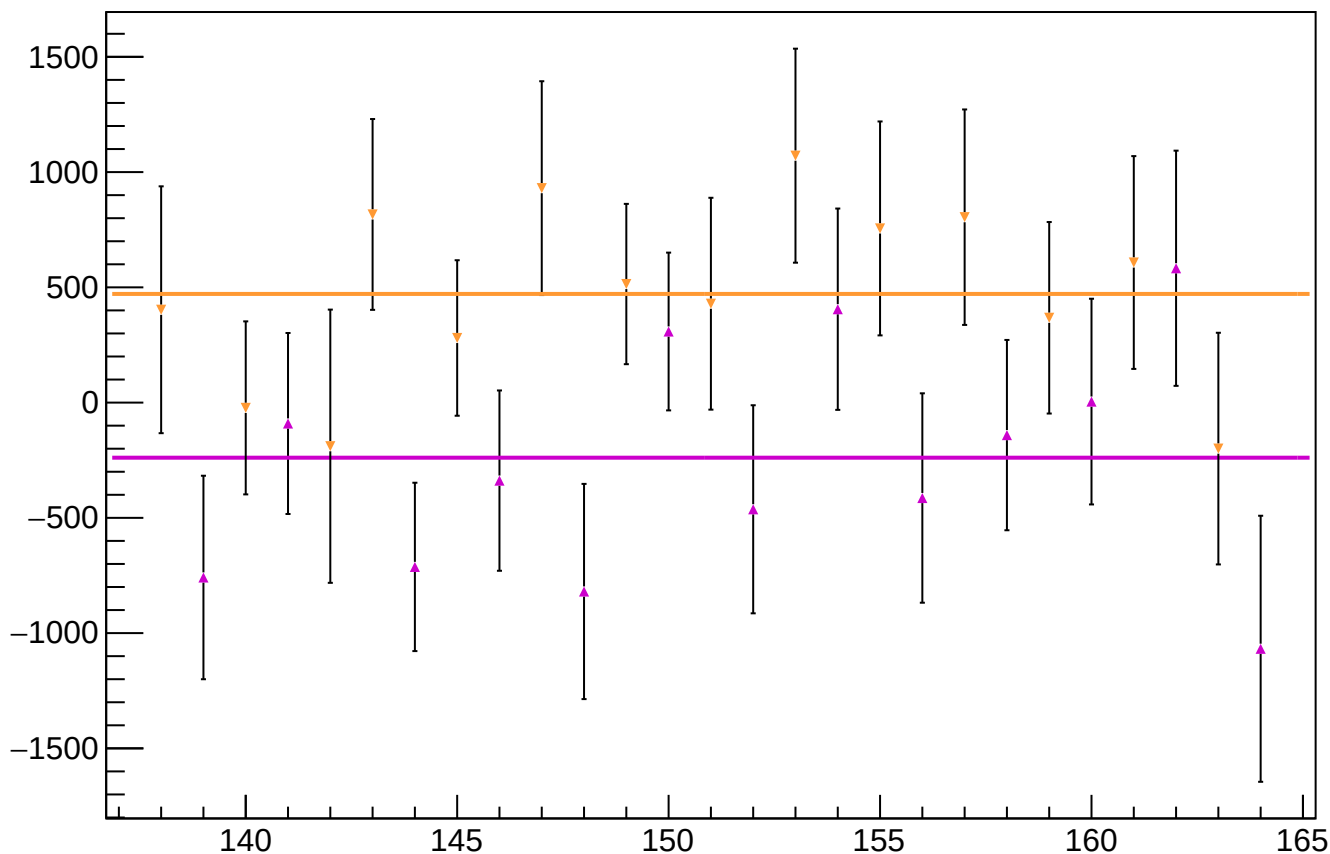
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 69.226 $\pm$ 0.012 χ^2/NDF : 303014.9/29

Out: 67.566 $\pm$ 0.011 χ^2/NDF : 570593.0/32

All: 68.364 $\pm$ 0.008 χ^2/NDF : 883696.3/62

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: 471.453+/-116.230 χ^2/NDF : 9.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -239.006+/-118.248 χ^2/NDF : 15.0/12

Left: 122.339+/-82.891 χ^2/NDF : 42.8/26

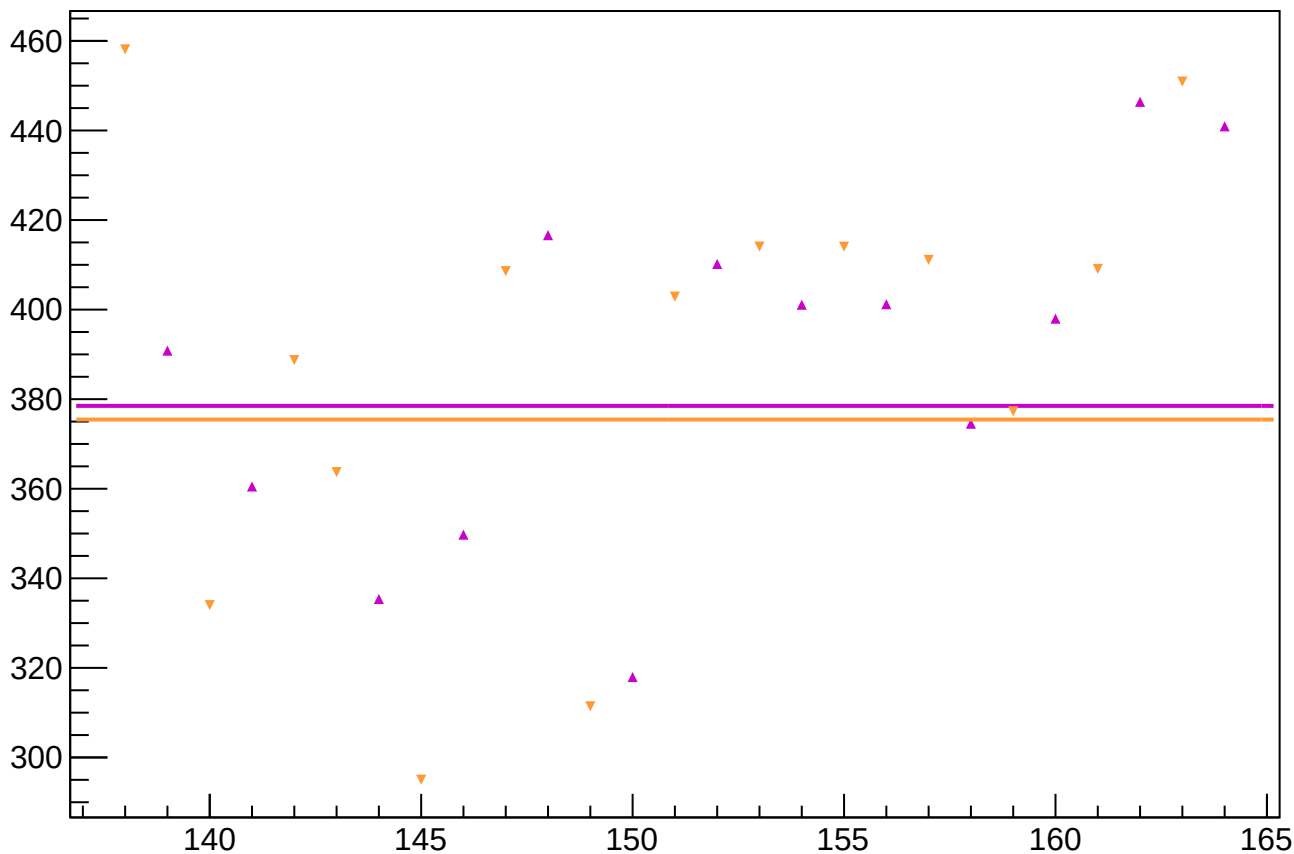
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -239.006+/-118.248 χ^2/NDF : 15.0/12

Out: 471.453+/-116.230 χ^2/NDF : 9.5/13

All: 122.339+/-82.891 χ^2/NDF : 42.8/26

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: 375.453+/-0.082 χ^2/NDF : 368596.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 378.505+/-0.084 χ^2/NDF : 203419.5/12

Left: 376.953+/-0.059 χ^2/NDF : 572693.6/26

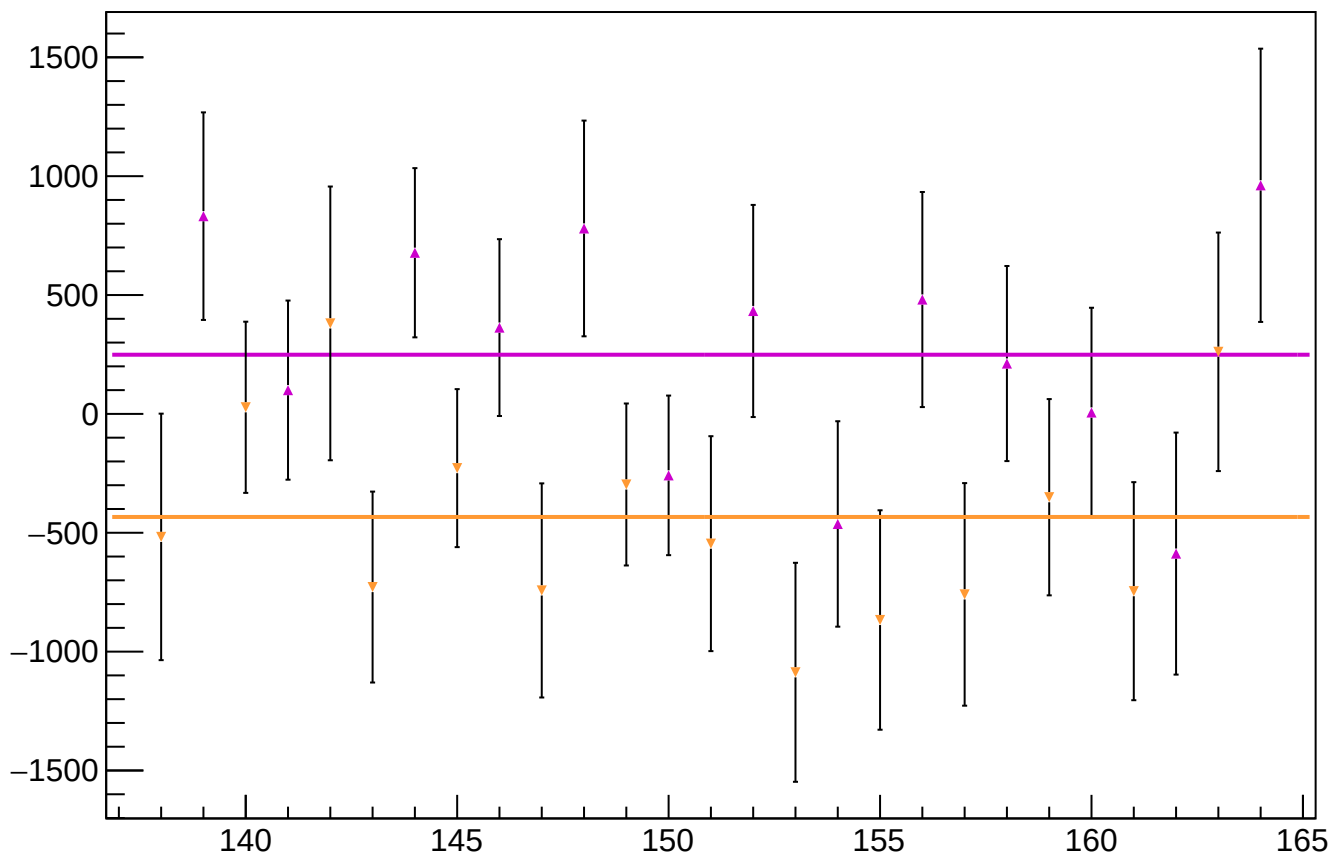
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 378.505+/-0.084 χ^2/NDF : 203419.5/12

Out: 375.453+/-0.082 χ^2/NDF : 368596.1/13

All: 376.953+/-0.059 χ^2/NDF : 572693.6/26

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -433.526+/-114.172 χ^2/NDF : 11.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.921+/-115.942 χ^2/NDF : 14.8/12

Left: -97.550+/-81.350 χ^2/NDF : 43.5/26

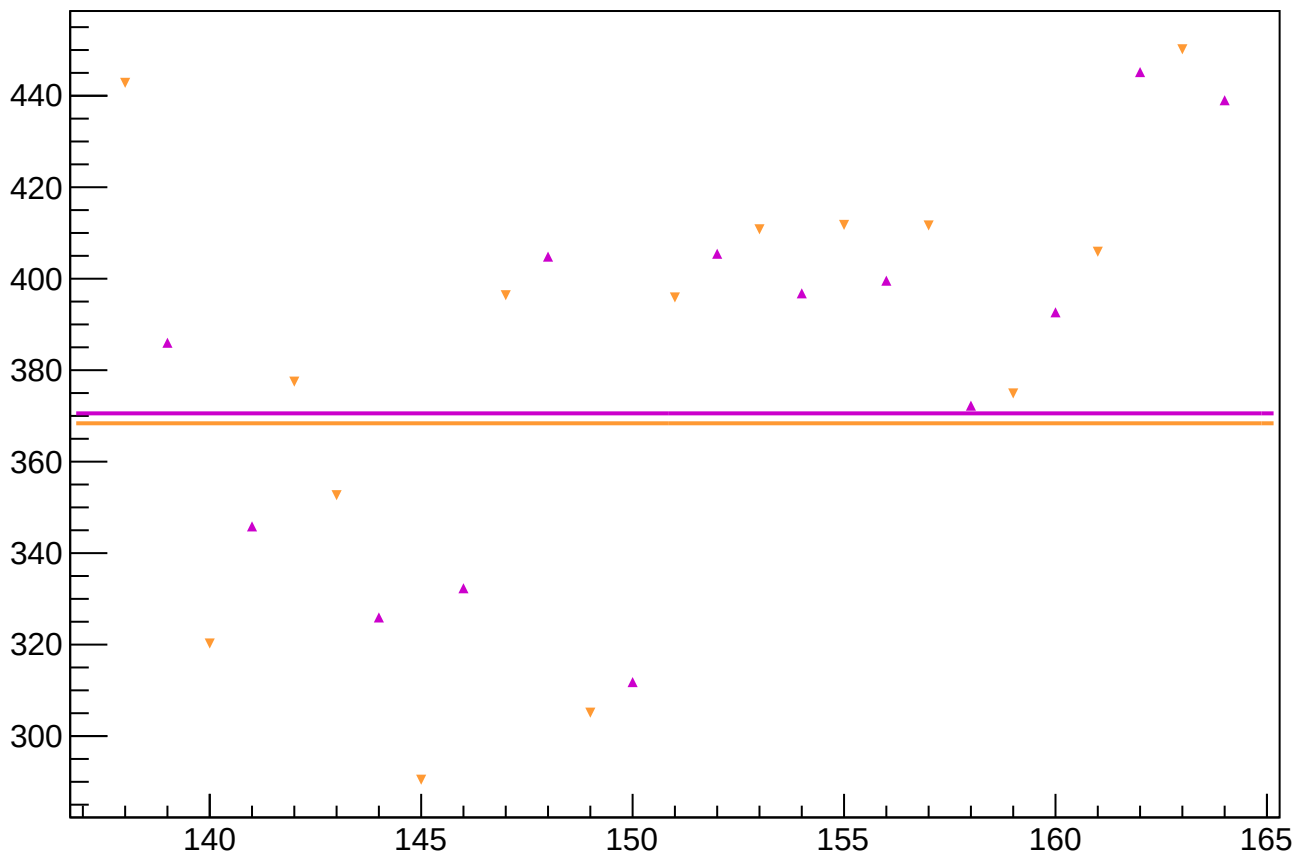
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.921+/-115.942 χ^2/NDF : 14.8/12

Out: -433.526+/-114.172 χ^2/NDF : 11.1/13

All: -97.550+/-81.350 χ^2/NDF : 43.5/26

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.387+/-0.081 χ^2/NDF :393353.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 370.560+/-0.082 χ^2/NDF :240625.3/12

Left: 369.457+/-0.058 χ^2/NDF : 634335.8/26

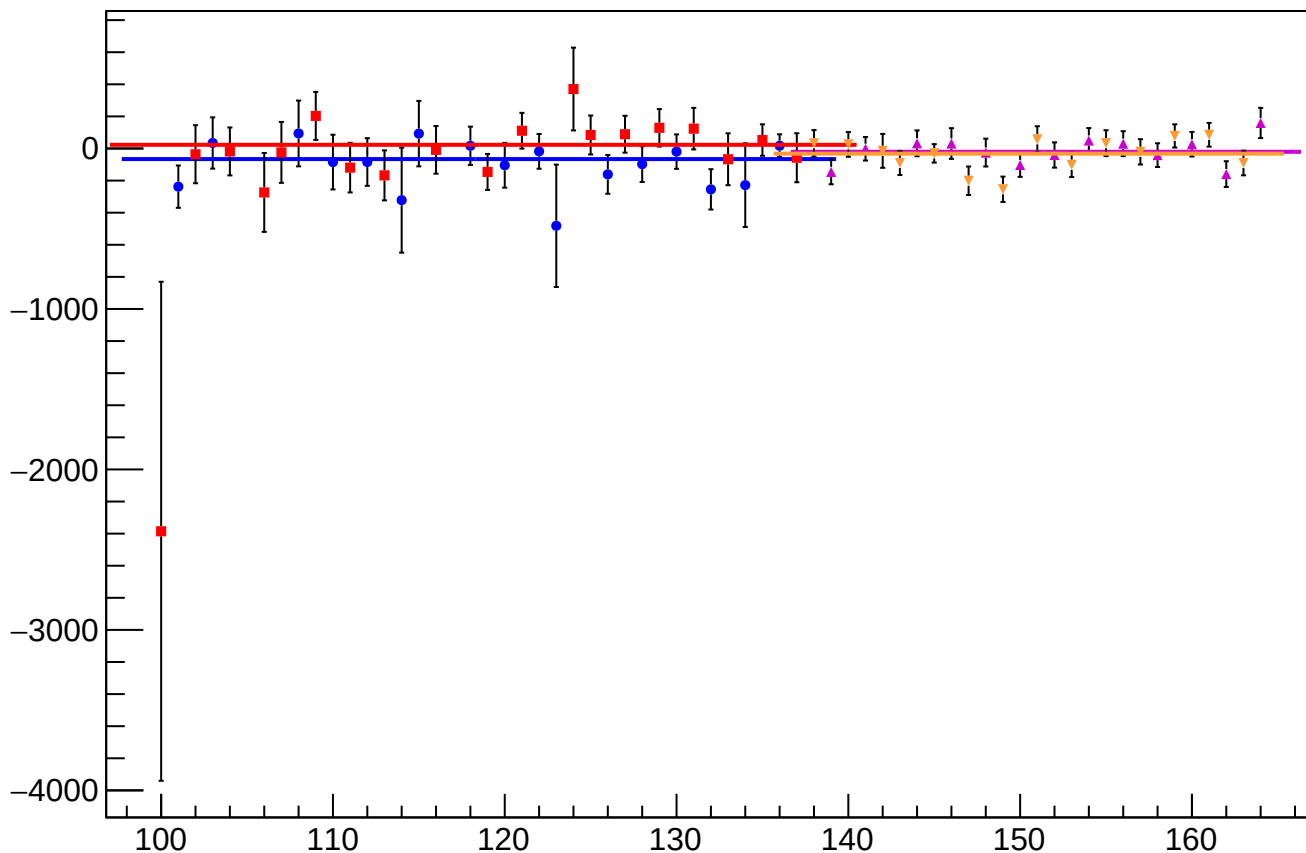
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 370.560+/-0.082 χ^2/NDF :240625.3/12

Out: 368.387+/-0.081 χ^2/NDF :393353.9/13

All: 369.457+/-0.058 χ^2/NDF : 634335.8/26

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: -32.021 ± 20.608 χ^2/NDF : 21.5/13

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -20.491 ± 22.085 χ^2/NDF : 13.1/12

Left: -26.654 ± 15.067 χ^2/NDF : 34.7/26

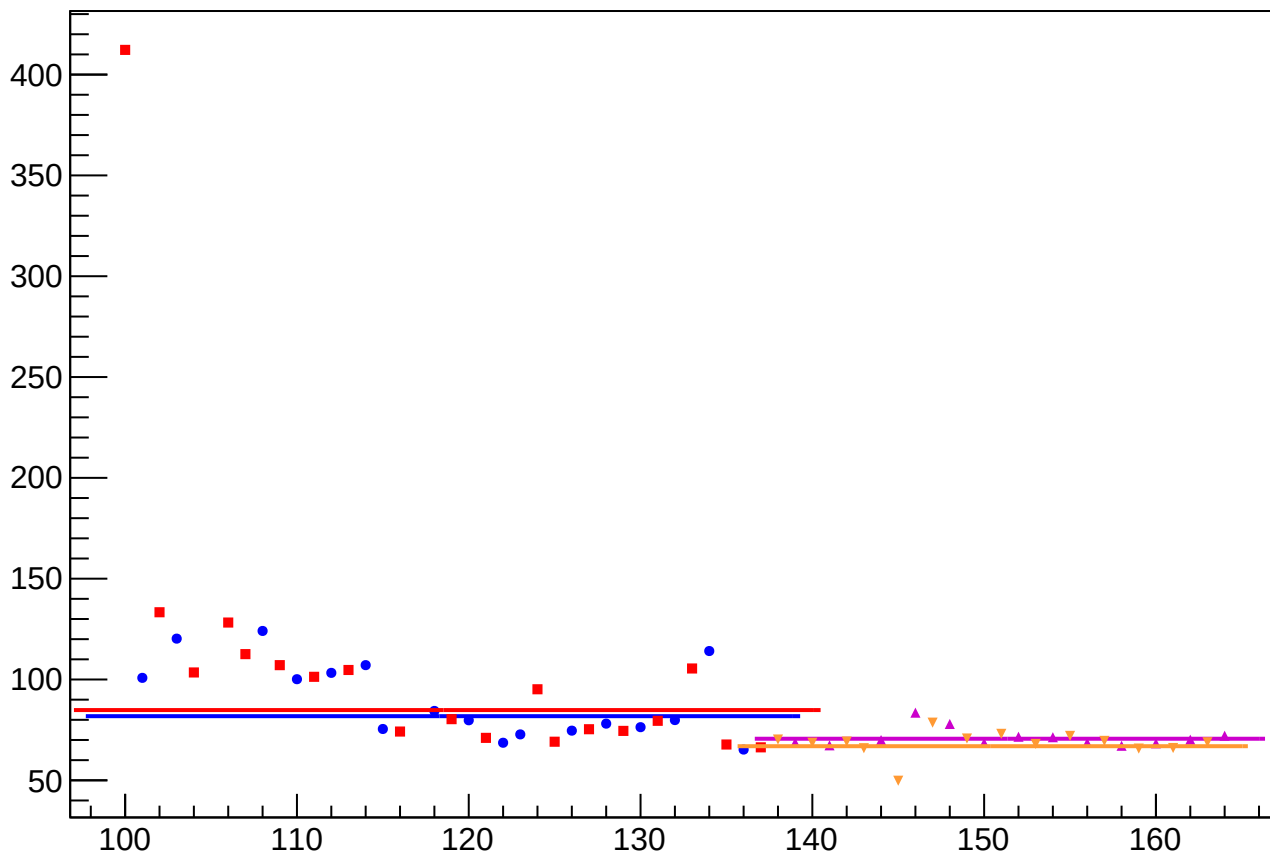
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -34.987 ± 18.229 χ^2/NDF : 25.2/29

Out: -16.463 ± 17.447 χ^2/NDF : 38.8/32

All: -25.319 ± 12.604 χ^2/NDF : 64.6/62

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: 66.917 $\pm$ 0.015 χ^2 /NDF: 246516.4/13

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 70.617 $\pm$ 0.016 χ^2 /NDF: 66406.1/12

Left: 68.639 $\pm$ 0.011 χ^2 /NDF: 342925.2/26

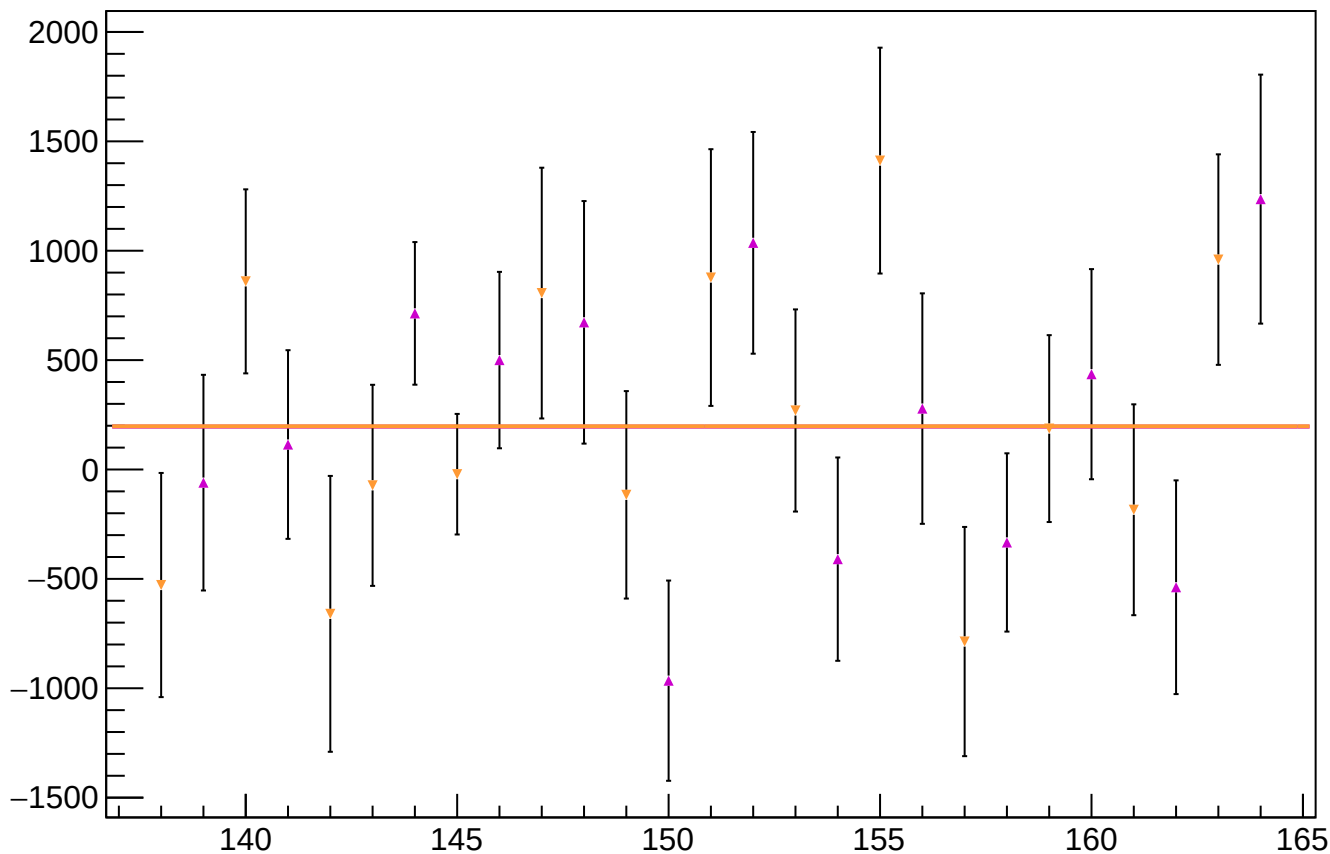
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 74.184 $\pm$ 0.013 χ^2 /NDF: 737303.5/29

Out: 71.993 $\pm$ 0.012 χ^2 /NDF: 1379478.6/32

All: 73.040 $\pm$ 0.009 χ^2 /NDF: 2131863.4/62

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: 197.487+/-122.664 χ^2/NDF :22.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 196.022+/-126.142 χ^2/NDF :22.6/12

Left: 196.775+/-87.940 χ^2/NDF : 45.0/26

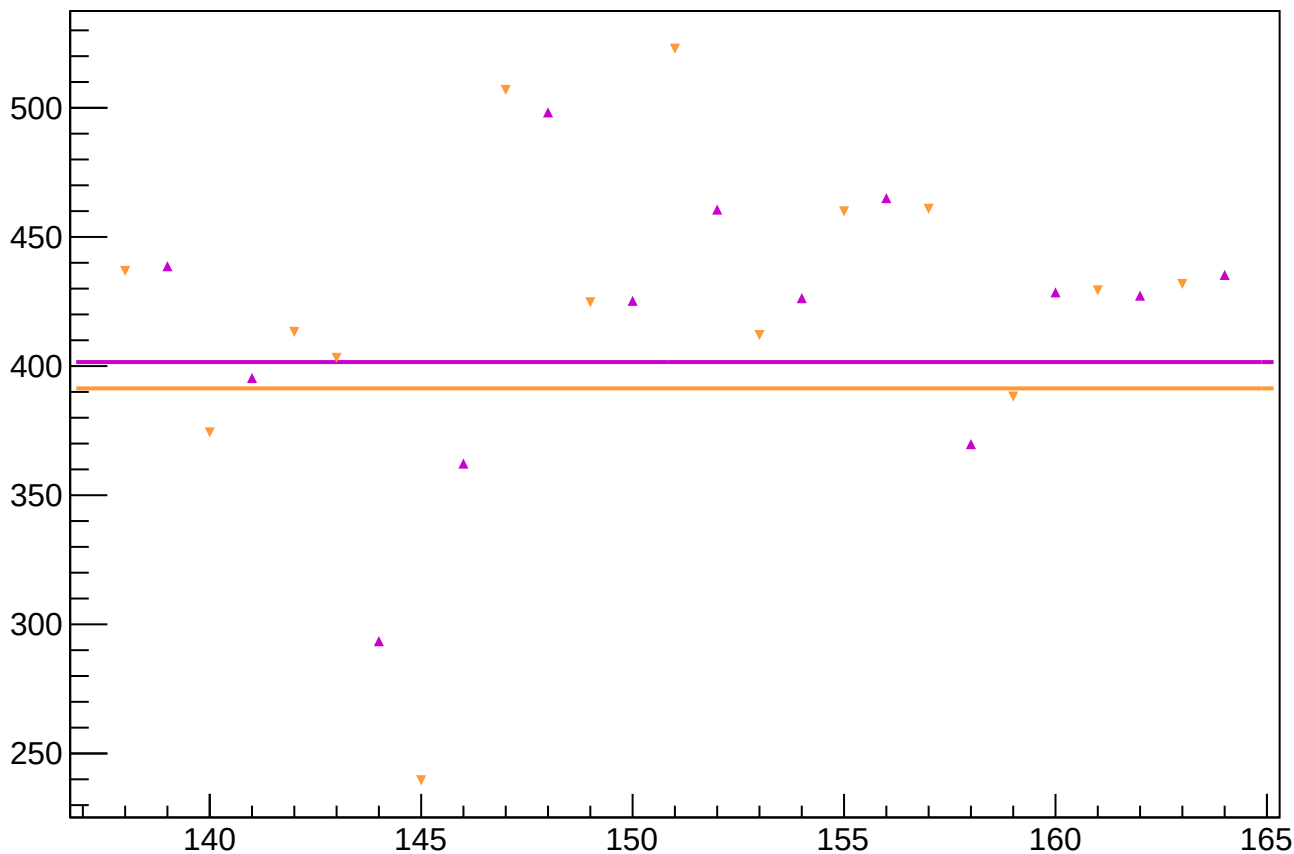
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.022+/-126.142 χ^2/NDF :22.6/12

Out: 197.487+/-122.664 χ^2/NDF :22.4/13

All: 196.775+/-87.940 χ^2/NDF : 45.0/26

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: 391.361+/-0.087 χ^2/NDF :921923.0/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 401.555+/-0.089 χ^2/NDF :409656.2/12

Left: 396.315+/-0.062 χ^2/NDF : 1338292.7/26

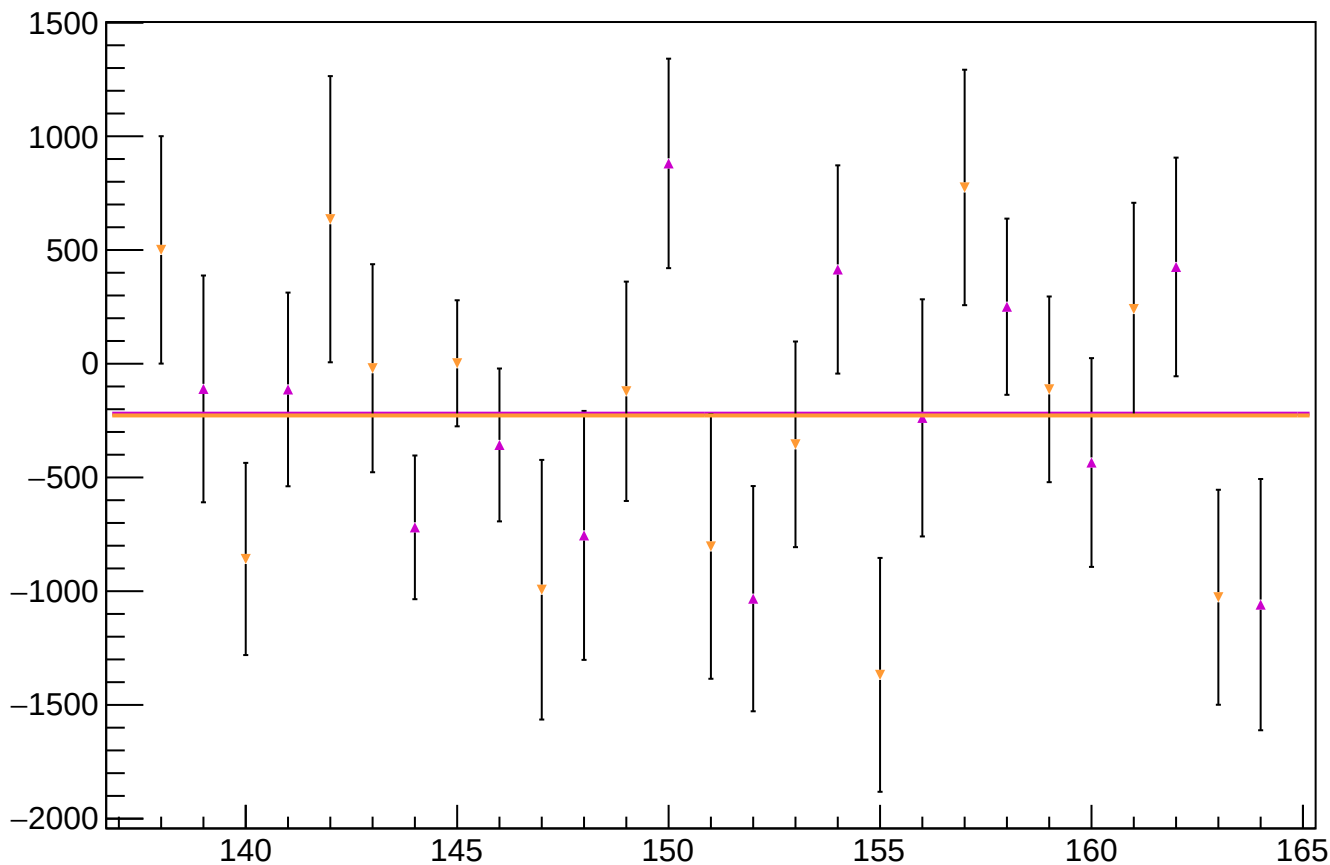
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 401.555+/-0.089 χ^2/NDF :409656.2/12

Out: 391.361+/-0.087 χ^2/NDF :921923.0/13

All: 396.315+/-0.062 χ^2/NDF : 1338292.7/26

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -227.381+/-121.505 χ^2/NDF :22.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -219.619+/-121.244 χ^2/NDF :19.9/12

Left: -223.492+/-85.825 χ^2/NDF : 42.5/26

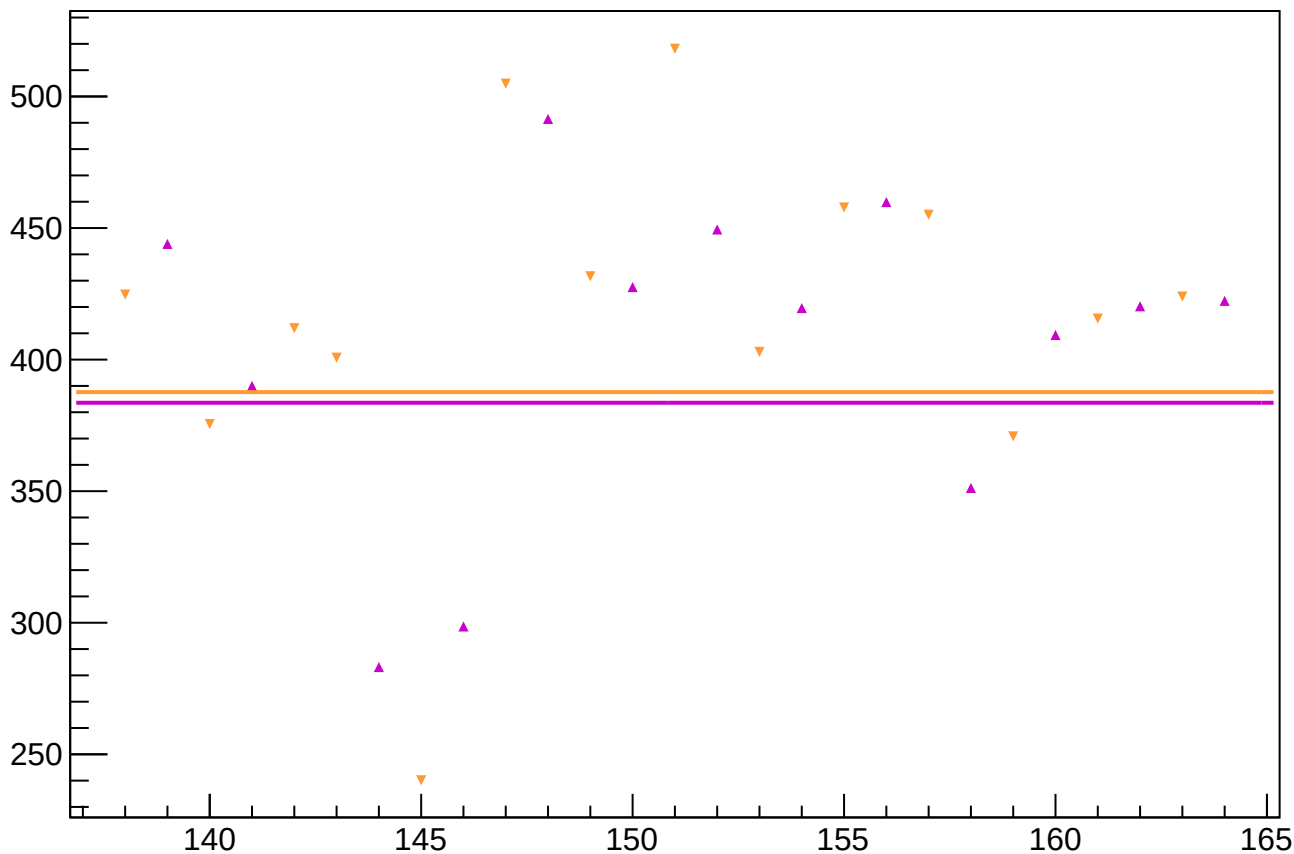
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -219.619+/-121.244 χ^2/NDF :19.9/12

Out: -227.381+/-121.505 χ^2/NDF :22.6/13

All: -223.492+/-85.825 χ^2/NDF : 42.5/26

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 387.643+/-0.086 χ^2/NDF : 881496.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 383.602+/-0.086 χ^2/NDF : 588310.2/12

Left: 385.618+/-0.061 χ^2/NDF : 1470915.3/26

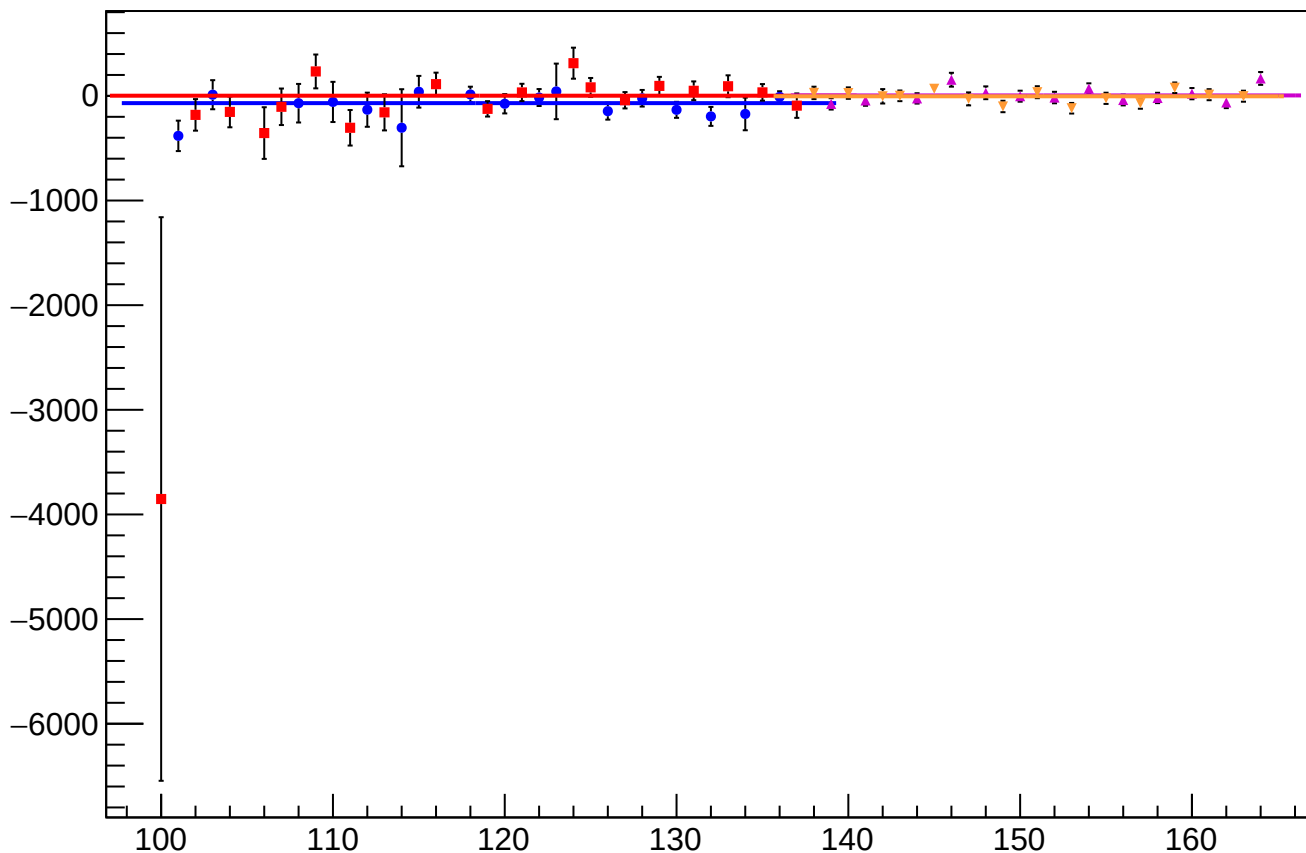
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 383.602+/-0.086 χ^2/NDF : 588310.2/12

Out: 387.643+/-0.086 χ^2/NDF : 881496.9/13

All: 385.618+/-0.061 χ^2/NDF : 1470915.3/26

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: -3.913 ± 14.275 χ^2/NDF : 16.9/13

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 4.398 ± 14.985 χ^2/NDF : 20.2/12

Left: 0.041 ± 10.336 χ^2/NDF : 37.2/26

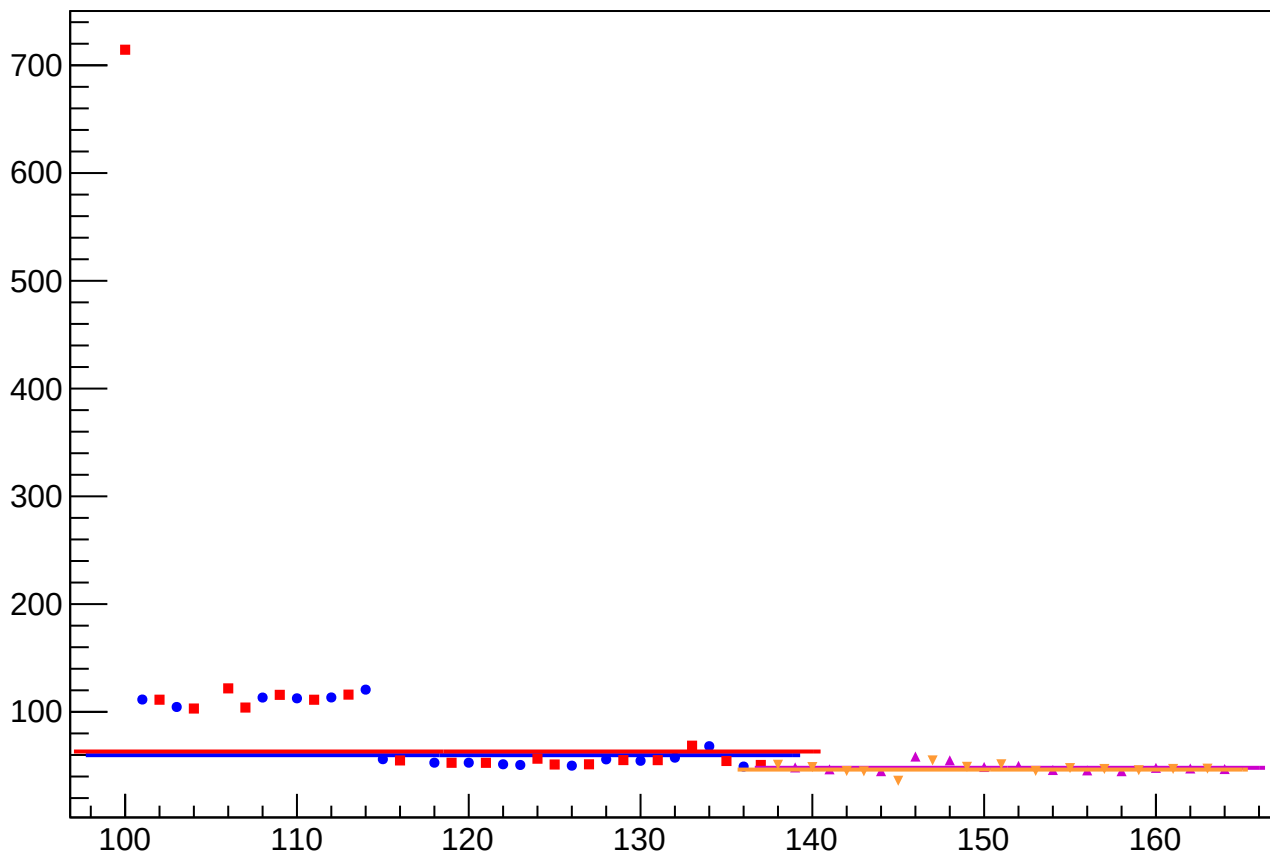
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -15.923 ± 12.749 χ^2/NDF : 40.3/29

Out: -2.537 ± 12.419 χ^2/NDF : 42.8/32

All: -9.055 ± 8.896 χ^2/NDF : 83.6/62

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: 46.447 $\pm$ 0.010 χ^2 /NDF: 204396.0/13

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 48.089 $\pm$ 0.011 χ^2 /NDF: 103949.1/12

Left: 47.228 $\pm$ 0.007 χ^2 /NDF: 320941.7/26

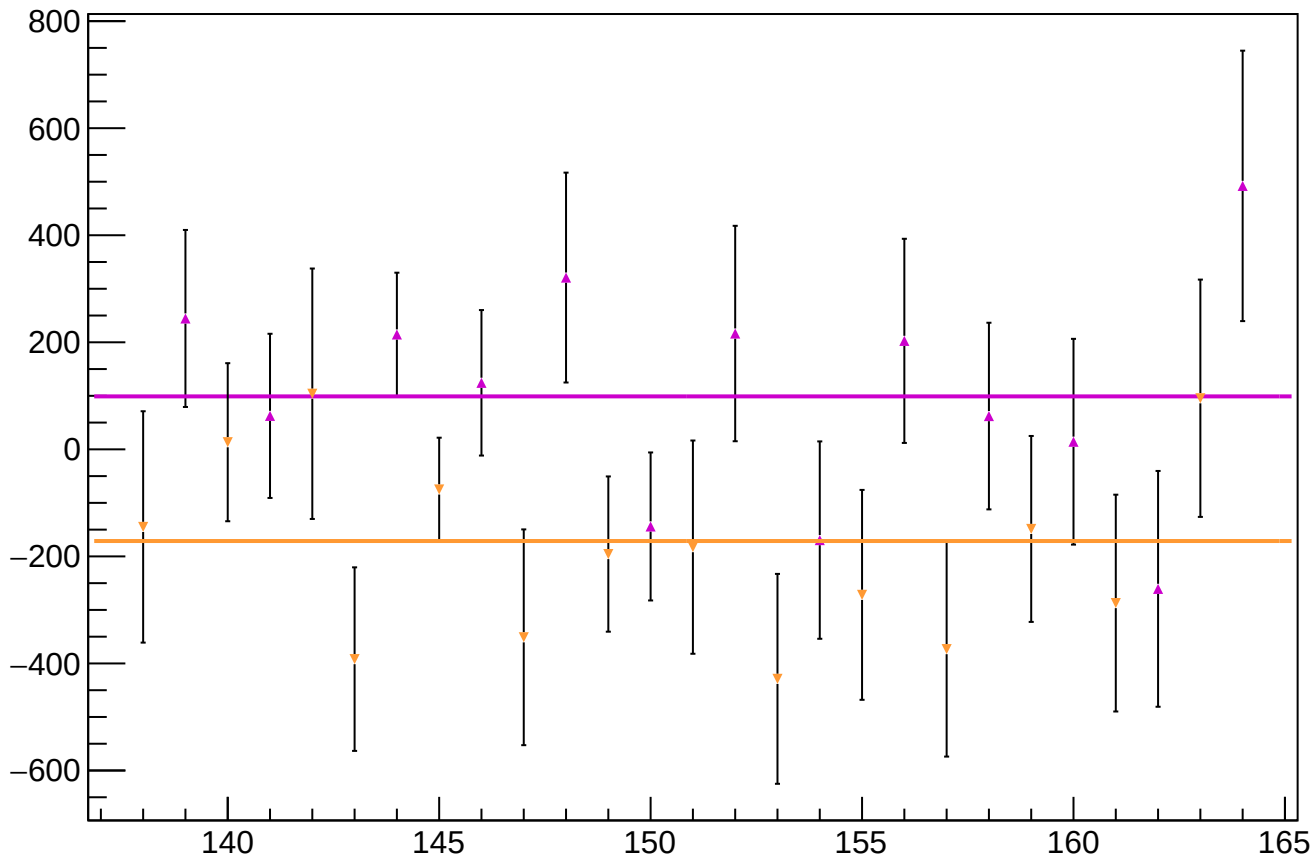
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 51.326 $\pm$ 0.009 χ^2 /NDF: 1671774.5/29

Out: 50.526 $\pm$ 0.009 χ^2 /NDF: 2380256.3/32

All: 50.915 $\pm$ 0.006 χ^2 /NDF: 4056070.9/62

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -171.287+/-45.715 χ^2/NDF :11.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 98.944+/-46.398 χ^2/NDF :14.3/12

Left: -38.175+/-32.564 χ^2/NDF : 42.8/26

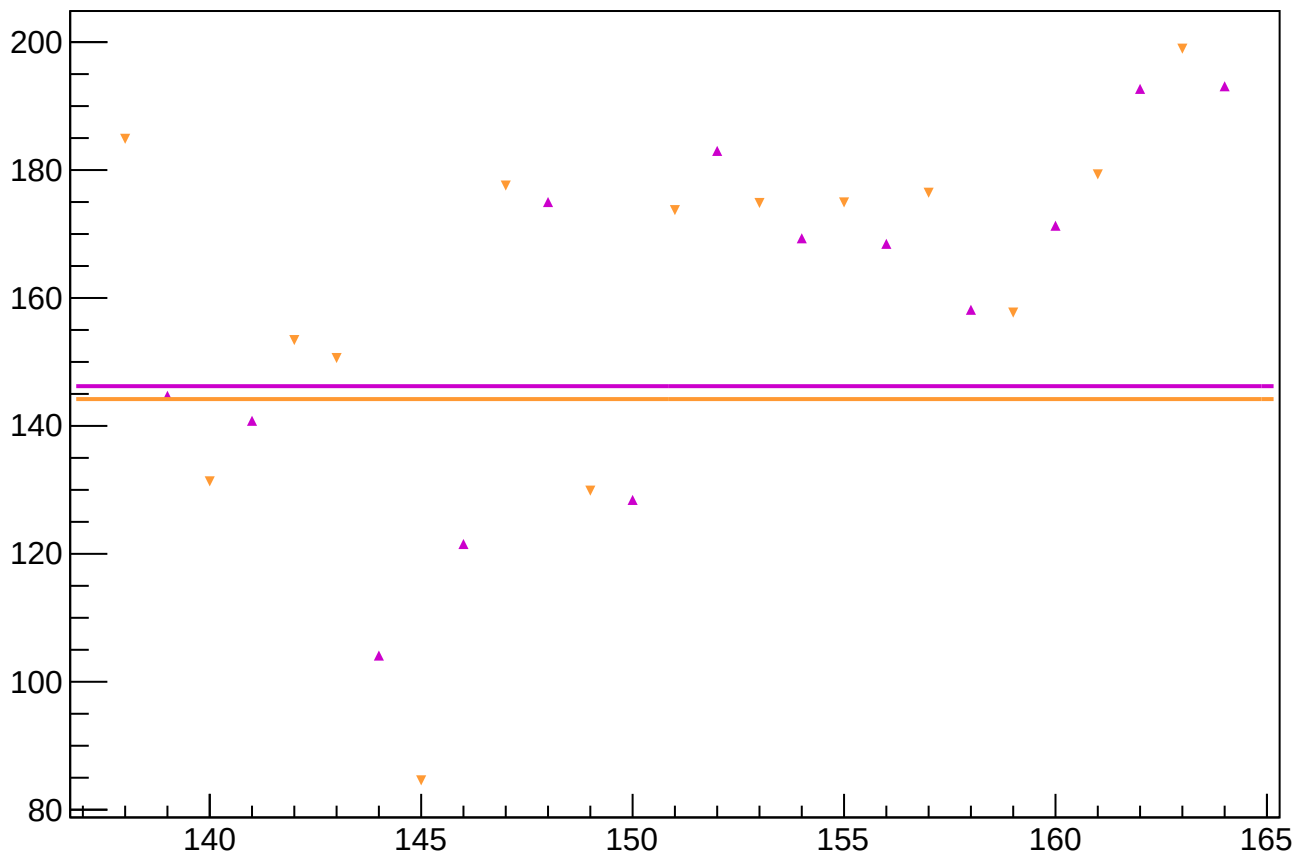
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 98.944+/-46.398 χ^2/NDF :14.3/12

Out: -171.287+/-45.715 χ^2/NDF :11.2/13

All: -38.175+/-32.564 χ^2/NDF : 42.8/26

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: 144.194+/-0.032 χ^2/NDF :1313831.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 146.213+/-0.033 χ^2/NDF :738060.2/12

Left: 145.189+/-0.023 χ^2/NDF : 2053814.6/26

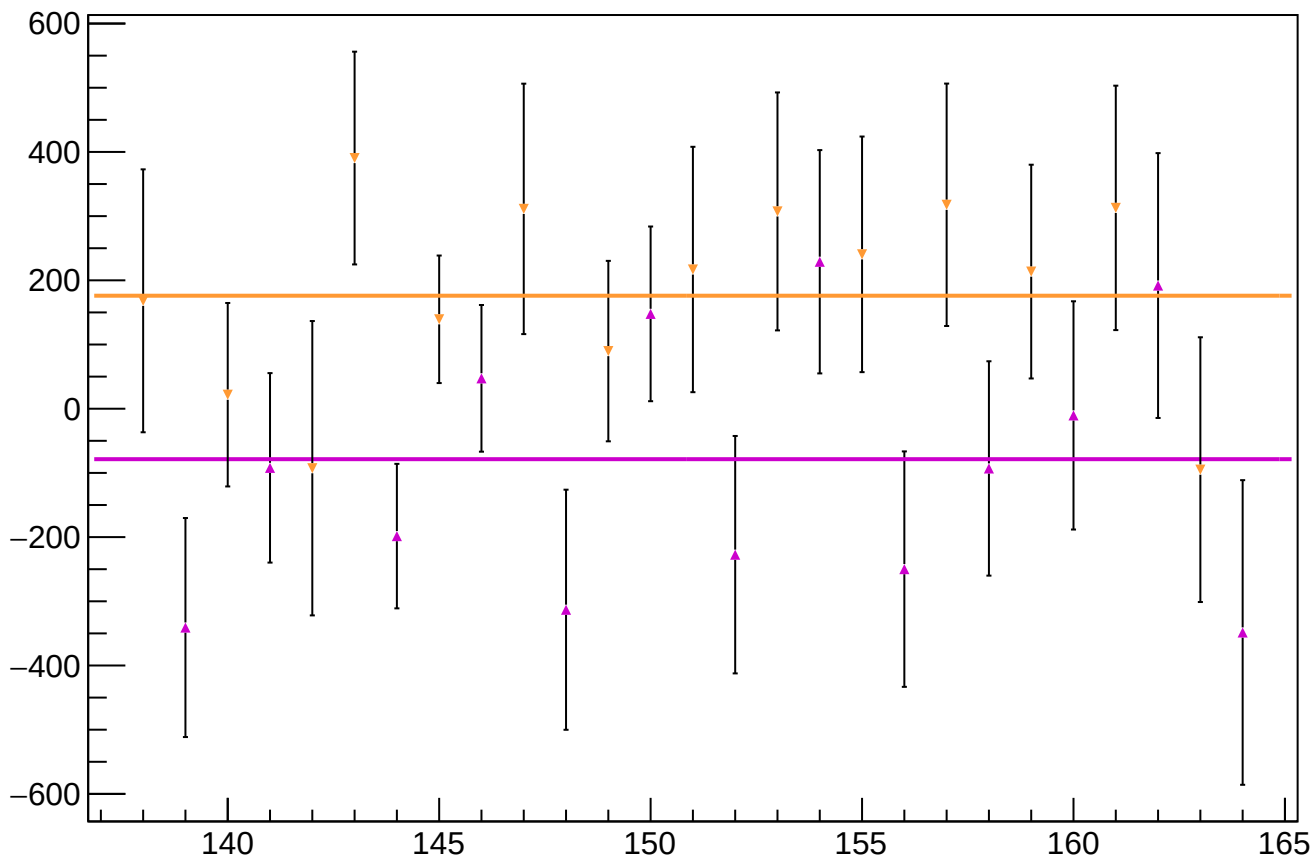
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.213+/-0.033 χ^2/NDF :738060.2/12

Out: 144.194+/-0.032 χ^2/NDF :1313831.3/13

All: 145.189+/-0.023 χ^2/NDF : 2053814.6/26

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 176.040+/-44.370 χ^2/NDF : 8.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.606+/-43.885 χ^2/NDF : 16.9/12

Left: 47.317+/-31.202 χ^2/NDF : 42.3/26

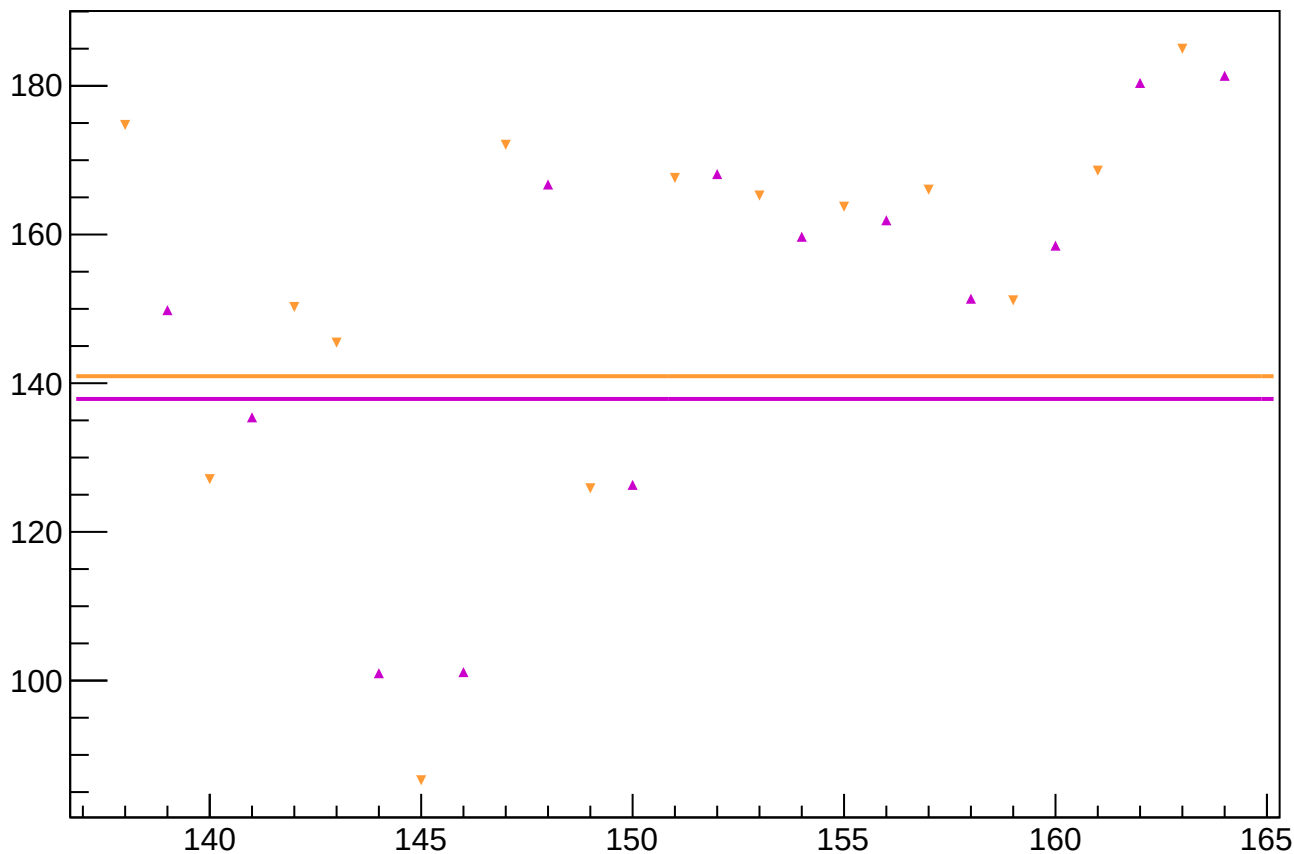
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.606+/-43.885 χ^2/NDF : 16.9/12

Out: 176.040+/-44.370 χ^2/NDF : 8.7/13

All: 47.317+/-31.202 χ^2/NDF : 42.3/26

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 140.942+/-0.031 χ^2/NDF :1031376.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.883+/-0.031 χ^2/NDF :805509.4/12

Left: 139.395+/-0.022 χ^2/NDF : 1841690.5/26

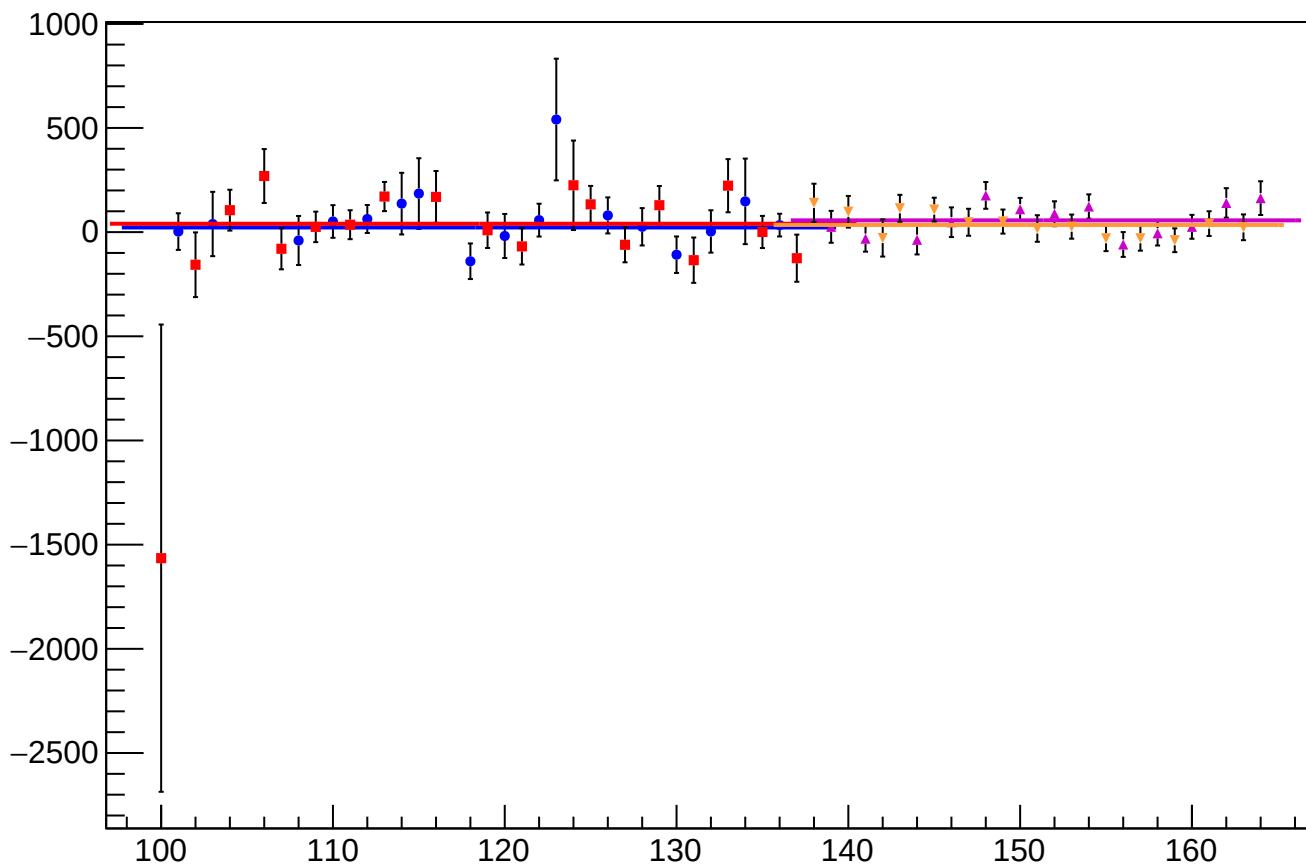
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.883+/-0.031 χ^2/NDF :805509.4/12

Out: 140.942+/-0.031 χ^2/NDF :1031376.3/13

All: 139.395+/-0.022 χ^2/NDF : 1841690.5/26

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 34.437+/-17.035 χ^2/NDF : 9.9/13

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: 56.480+/-17.646 χ^2/NDF : 18.3/12

Left: 45.071+/-12.256 χ^2/NDF : 29.0/26

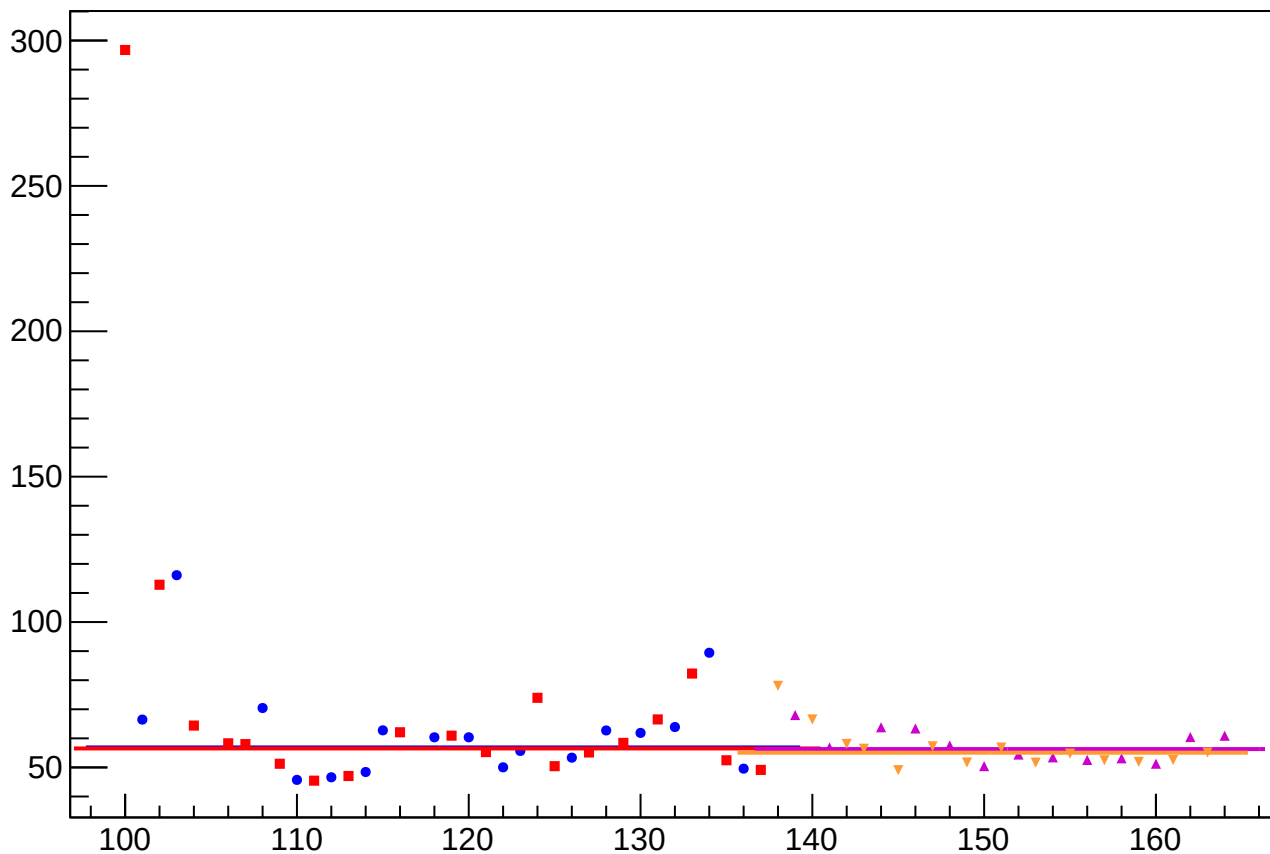
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 43.575+/-13.914 χ^2/NDF : 32.3/29

Out: 36.597+/-13.499 χ^2/NDF : 36.2/32

All: 39.980+/-9.689 χ^2/NDF : 68.6/62

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: 55.069 $\pm$ 0.012 χ^2 /NDF: 226946.7/13

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.317 $\pm$ 0.012 χ^2 /NDF: 162548.2/12

Left: 55.671 $\pm$ 0.009 χ^2 /NDF: 394672.9/26

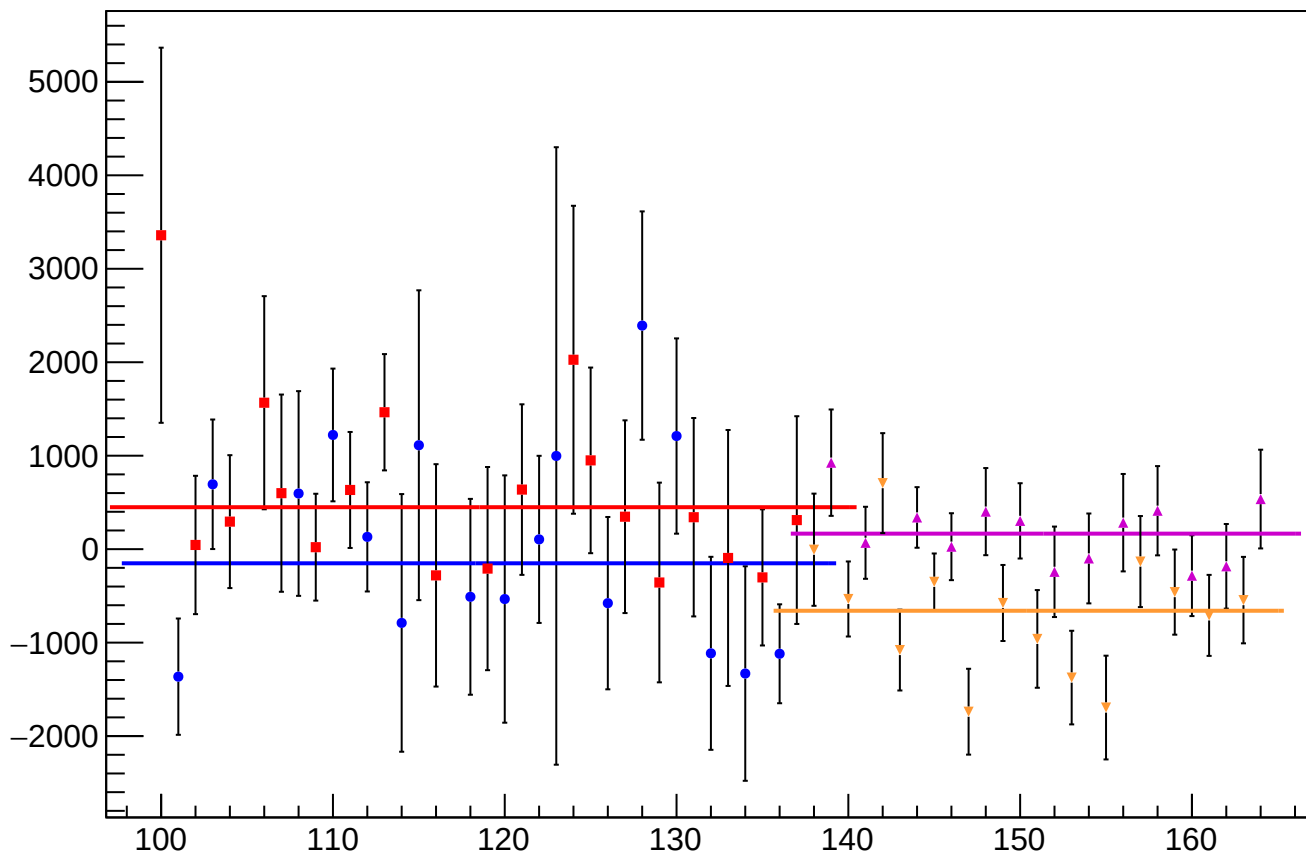
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.529 $\pm$ 0.010 χ^2 /NDF: 738802.4/29

Out: 55.612 $\pm$ 0.010 χ^2 /NDF: 844676.9/32

All: 56.057 $\pm$ 0.007 χ^2 /NDF: 1587961.8/62

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -659.031 $\pm$ 120.043 χ^2 /NDF:22.6/13

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 166.000 $\pm$ 120.928 χ^2 /NDF:6.2/12

Left: -249.549 $\pm$ 85.194 χ^2 /NDF: 52.2/26

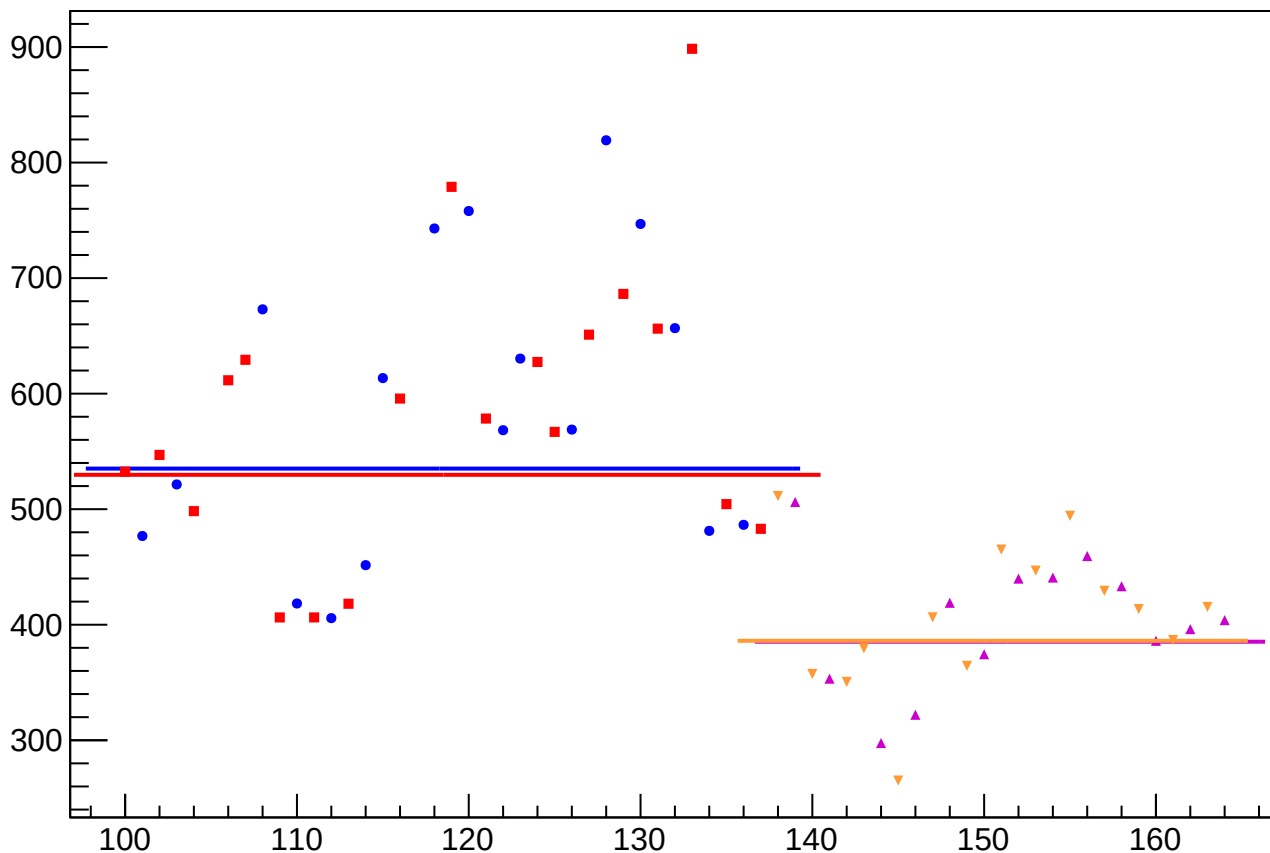
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 88.378 $\pm$ 105.095 χ^2 /NDF:30.3/29

Out: -374.056 $\pm$ 103.459 χ^2 /NDF:55.1/32

All: -146.467 $\pm$ 73.728 χ^2 /NDF: 95.2/62

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 386.091+/-0.085 χ^2/NDF : 616363.2/13

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 385.306+/-0.086 χ^2/NDF : 441165.0/12

Left: 385.701+/-0.060 χ^2/NDF : 1057570.7/26

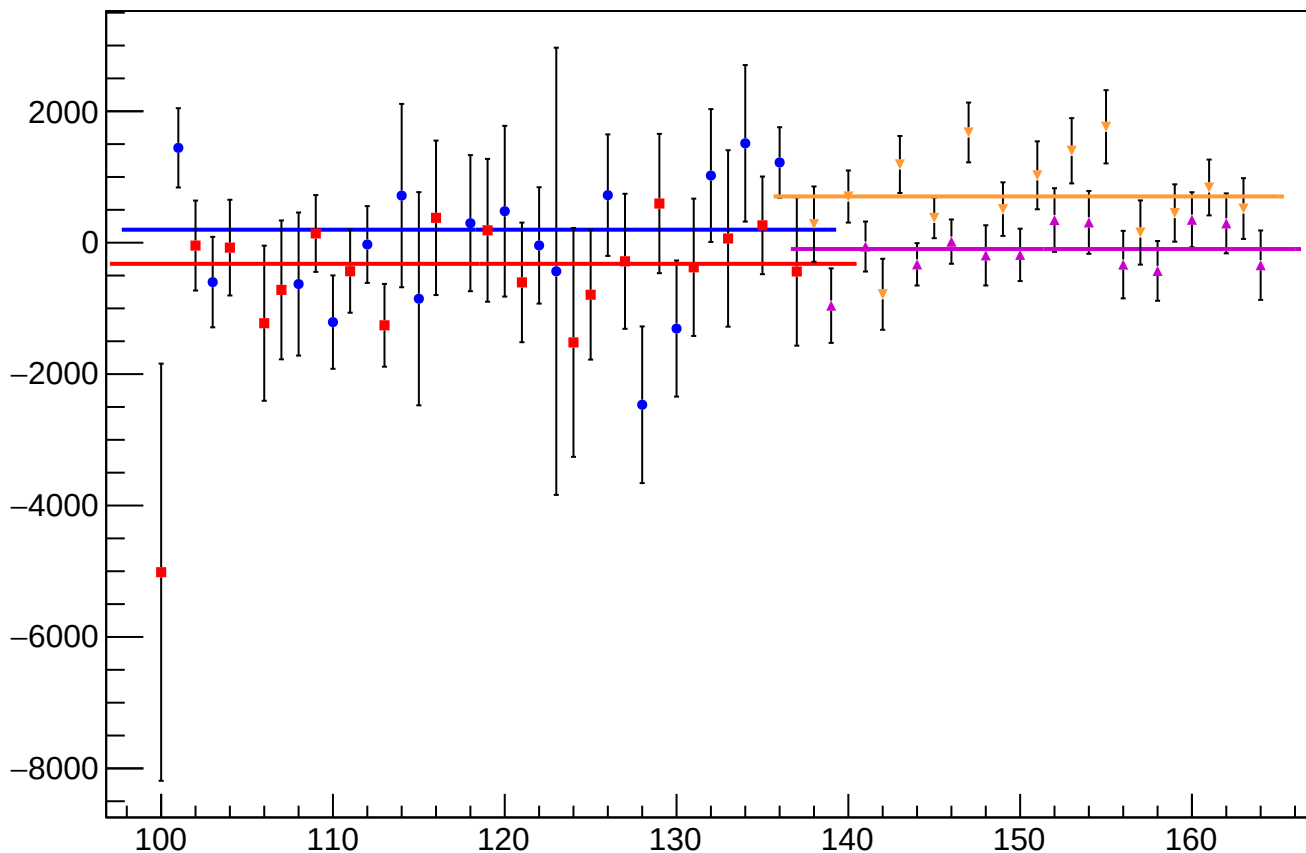
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 421.972+/-0.074 χ^2/NDF : 1788599.6/29

Out: 423.041+/-0.073 χ^2/NDF : 1999802.3/32

All: 422.515+/-0.052 χ^2/NDF : 3788507.0/62

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 703.919 $\pm$ 119.368 χ^2 /NDF:23.1/13

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -96.465 $\pm$ 118.773 χ^2 /NDF:7.4/12

Left: 301.728 $\pm$ 84.195 χ^2 /NDF: 53.2/26

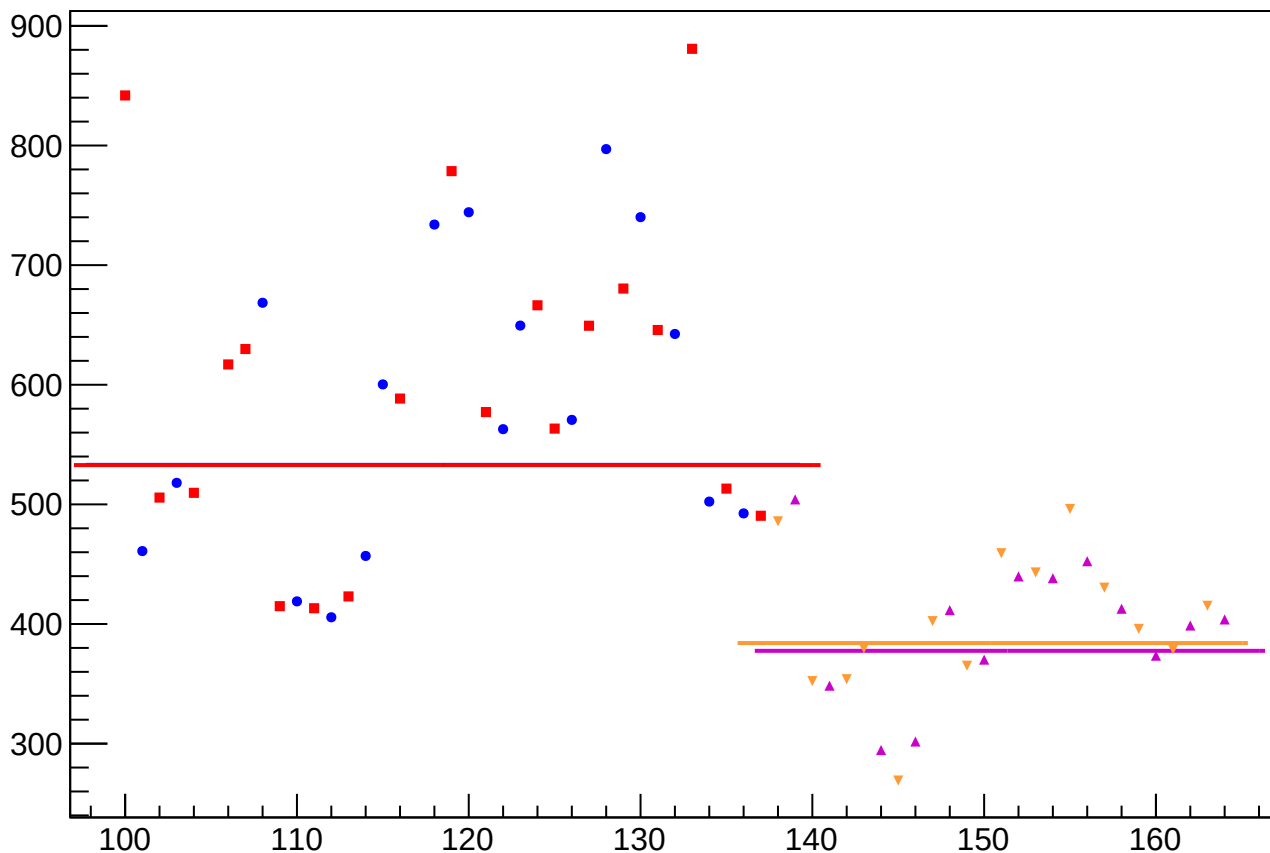
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -25.960 $\pm$ 103.558 χ^2 /NDF:32.8/29

Out: 444.771 $\pm$ 103.189 χ^2 /NDF:50.7/32

All: 210.247 $\pm$ 73.096 χ^2 /NDF: 93.9/62

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 384.087 $\pm$ 0.084 χ^2 /NDF: 547565.0/13

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 377.580 $\pm$ 0.084 χ^2 /NDF: 486063.2/12

Left: 380.817 $\pm$ 0.060 χ^2 /NDF: 1036614.9/26

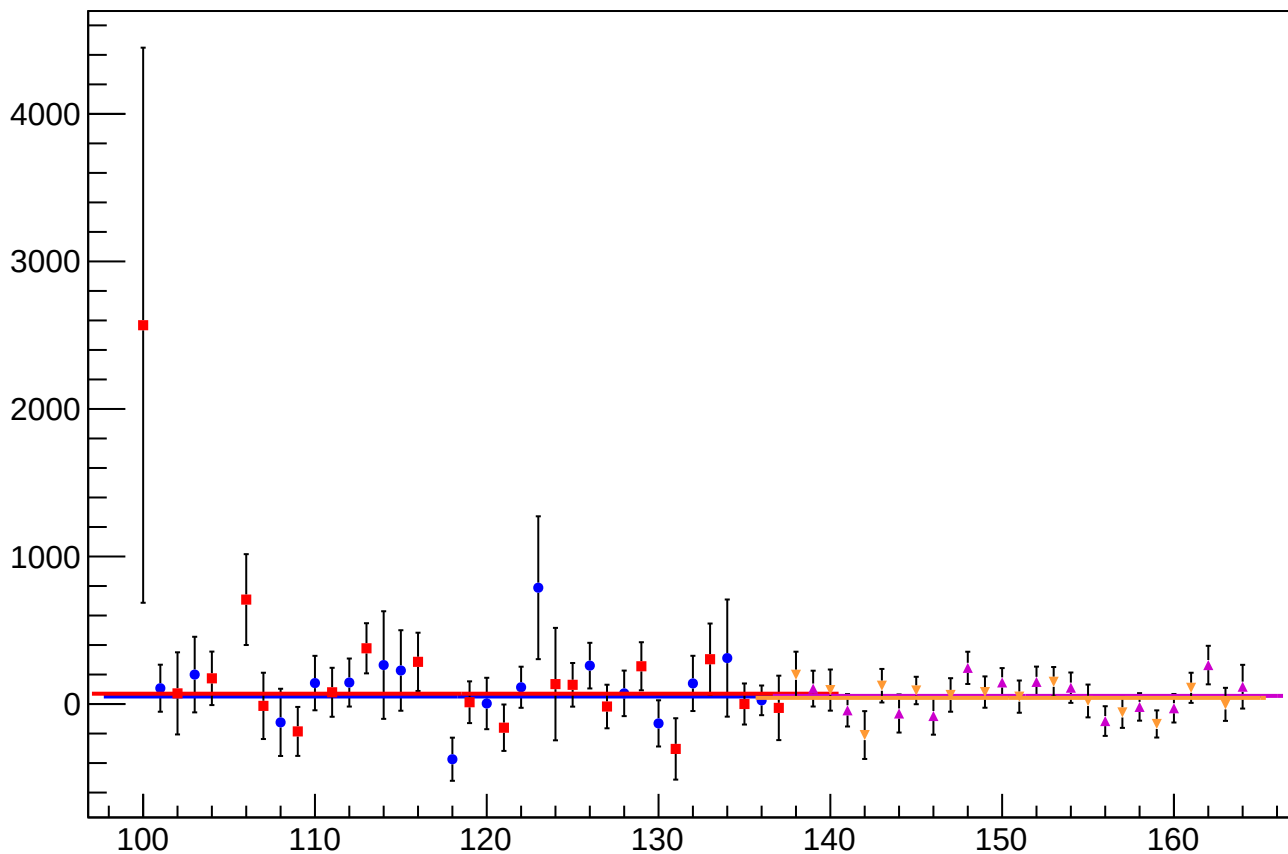
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 414.855 $\pm$ 0.073 χ^2 /NDF: 1874430.7/29

Out: 421.682 $\pm$ 0.073 χ^2 /NDF: 1949577.1/32

All: 418.281 $\pm$ 0.052 χ^2 /NDF: 3828369.1/62

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 41.621+/-29.637 χ^2/NDF :10.9/13

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 55.204+/-30.486 χ^2/NDF :15.0/12

Left: 48.221+/-21.250 χ^2/NDF : 26.1/26

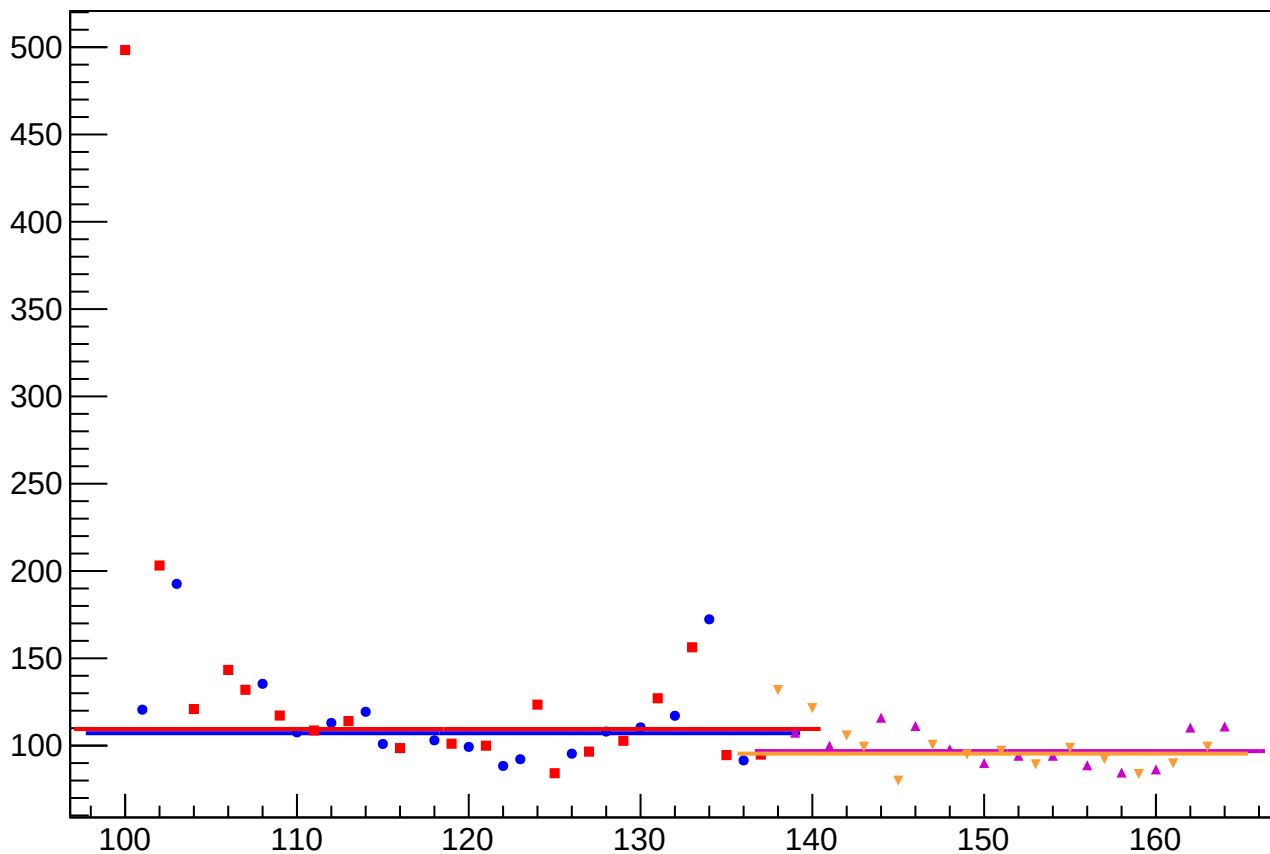
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 53.829+/-24.755 χ^2/NDF :32.4/29

Out: 50.844+/-24.364 χ^2/NDF :33.4/32

All: 52.312+/-17.365 χ^2/NDF : 65.8/62

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.423 $\pm$ 0.021 χ^2 /NDF:300273.4/13

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 96.853 $\pm$ 0.022 χ^2 /NDF:209849.8/12

Left: 96.118 $\pm$ 0.015 χ^2 /NDF: 512388.1/26

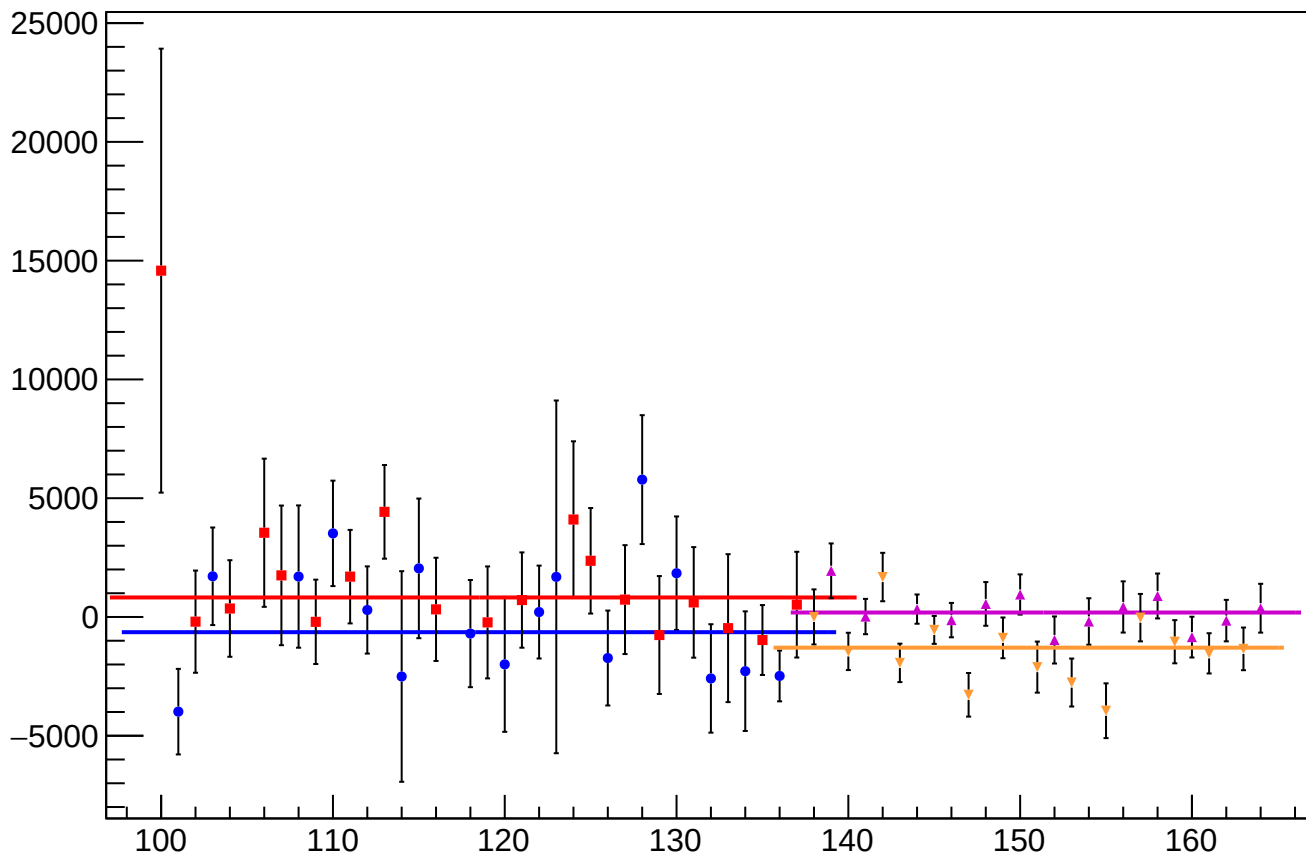
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.342 $\pm$ 0.018 χ^2 /NDF:724470.1/29

Out: 99.996 $\pm$ 0.017 χ^2 /NDF:1038709.0/32

All: 100.166 $\pm$ 0.012 χ^2 /NDF: 1763377.0/62

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -1292.088 $\pm$ 237.338 χ^2 /NDF:26.7/13

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 187.698 $\pm$ 240.123 χ^2 /NDF:7.3/12

Left: -560.825 $\pm$ 168.799 χ^2 /NDF: 53.2/26

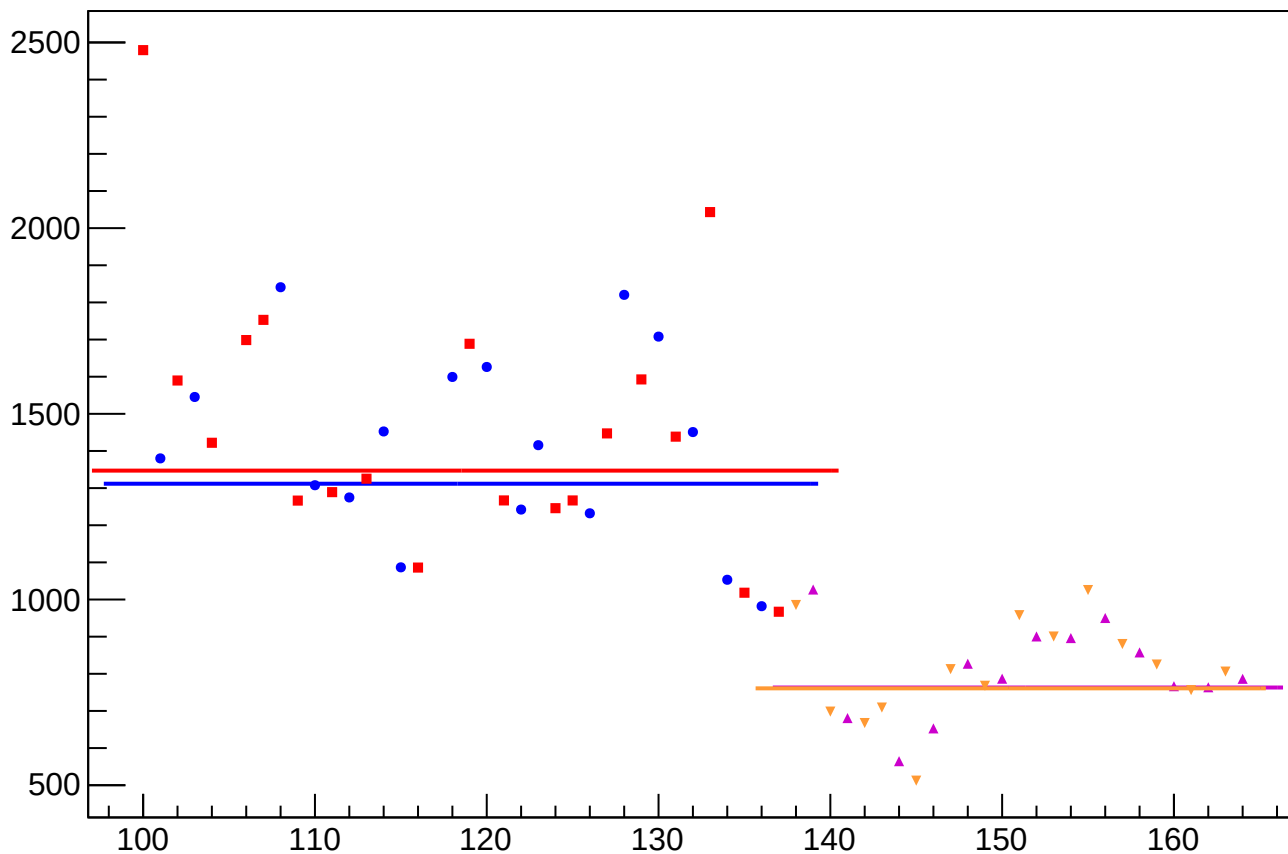
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 41.903 $\pm$ 217.947 χ^2 /NDF:31.2/29

Out: -922.624 $\pm$ 215.598 χ^2 /NDF:51.6/32

All: -445.585 $\pm$ 153.274 χ^2 /NDF: 92.6/62

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 760.823+/-0.168 χ^2/NDF : 732055.2/13

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 763.054+/-0.170 χ^2/NDF : 551247.5/12

Left: 761.926+/-0.119 χ^2/NDF : 1283390.1/26

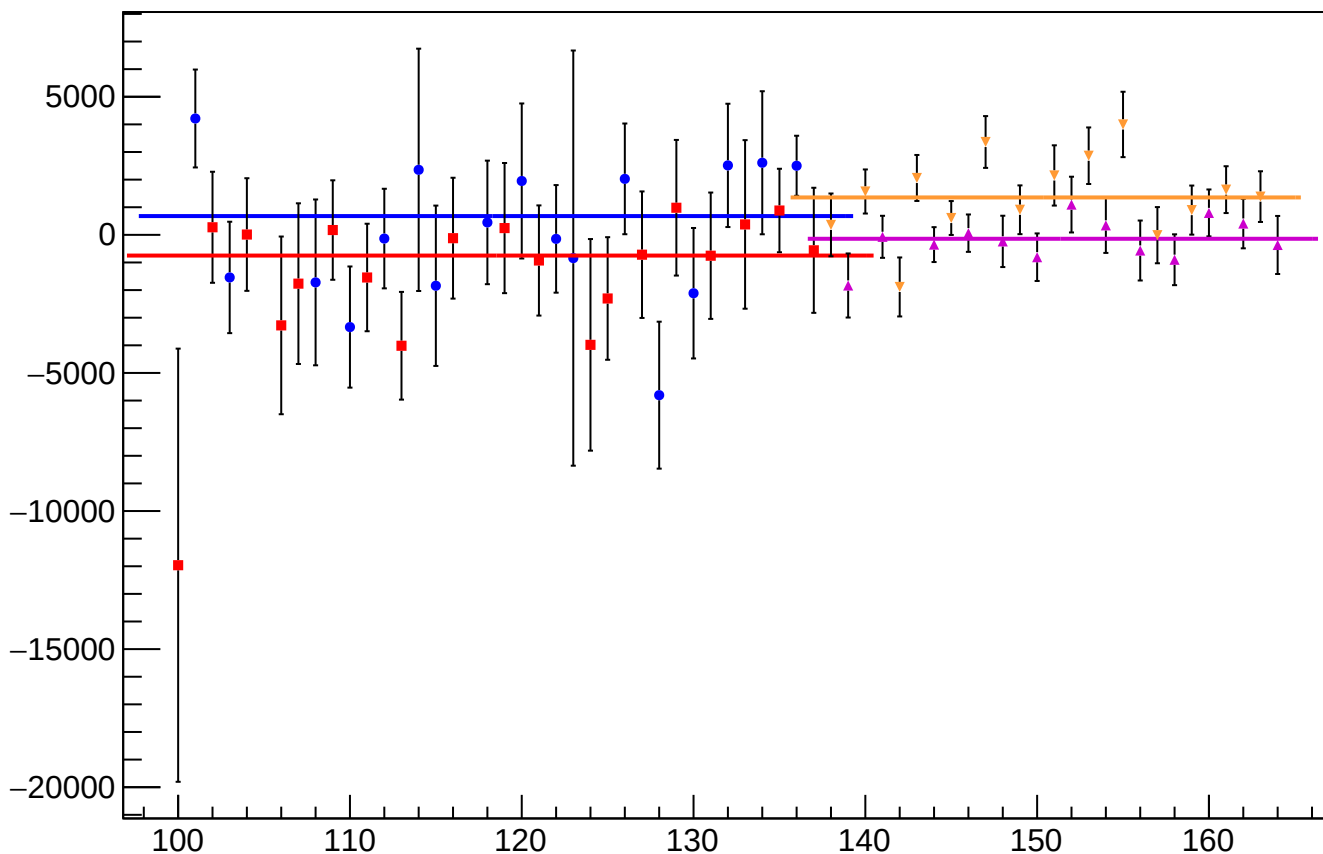
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 859.730+/-0.154 χ^2/NDF : 2904053.7/29

Out: 863.311+/-0.152 χ^2/NDF : 3355973.2/32

All: 861.540+/-0.108 χ^2/NDF : 6260299.9/62

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1354.828 $\pm$ 242.114 χ^2 /NDF:27.0/13

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -142.105 $\pm$ 241.022 χ^2 /NDF:7.2/12

Left: 602.978 $\pm$ 170.813 χ^2 /NDF: 53.3/26

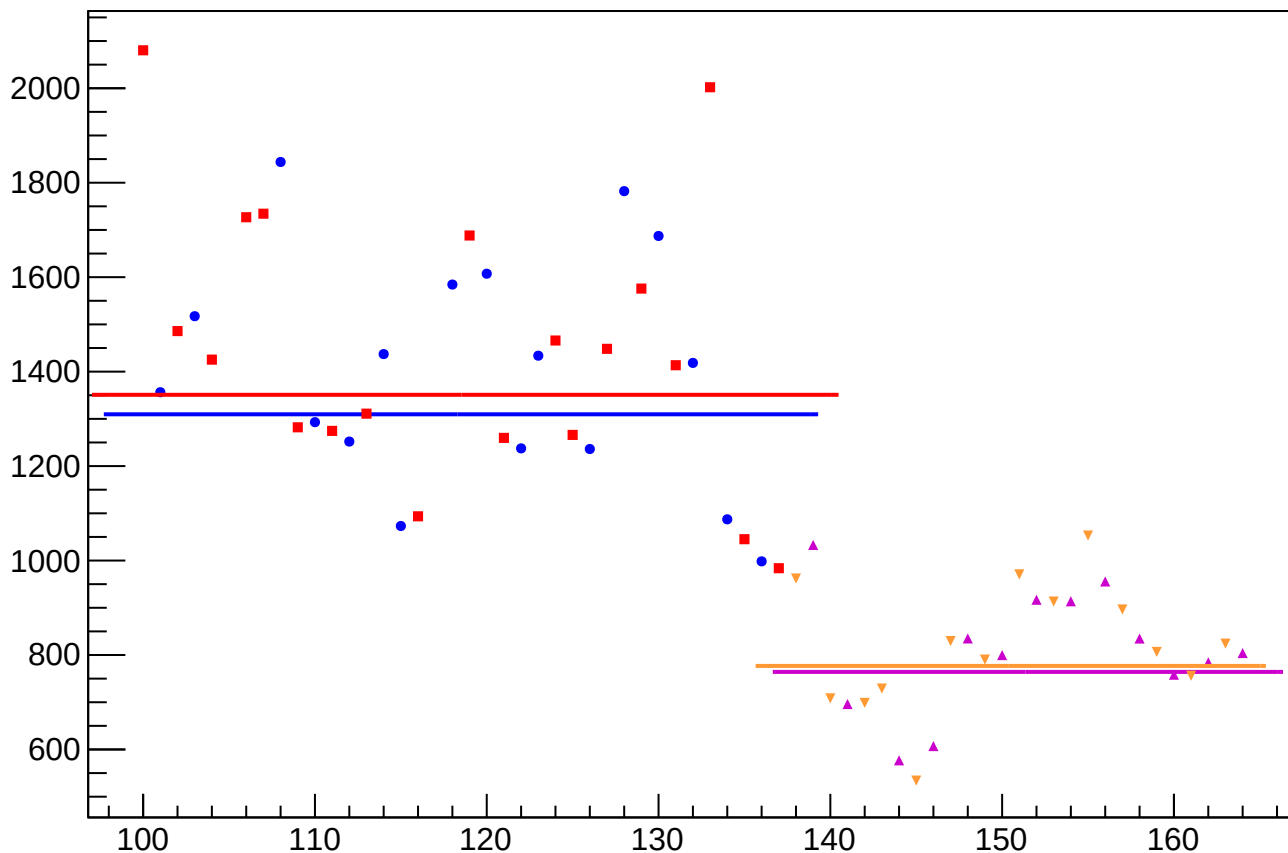
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 4.420 $\pm$ 218.488 χ^2 /NDF:31.8/29

Out: 975.329 $\pm$ 219.201 χ^2 /NDF:50.3/32

All: 488.294 $\pm$ 154.746 χ^2 /NDF: 91.9/62

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 776.912+/-0.171 χ^2/NDF : 648881.1/13

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 764.223+/-0.170 χ^2/NDF : 590849.6/12

Left: 770.539+/-0.121 χ^2/NDF : 1242490.0/26

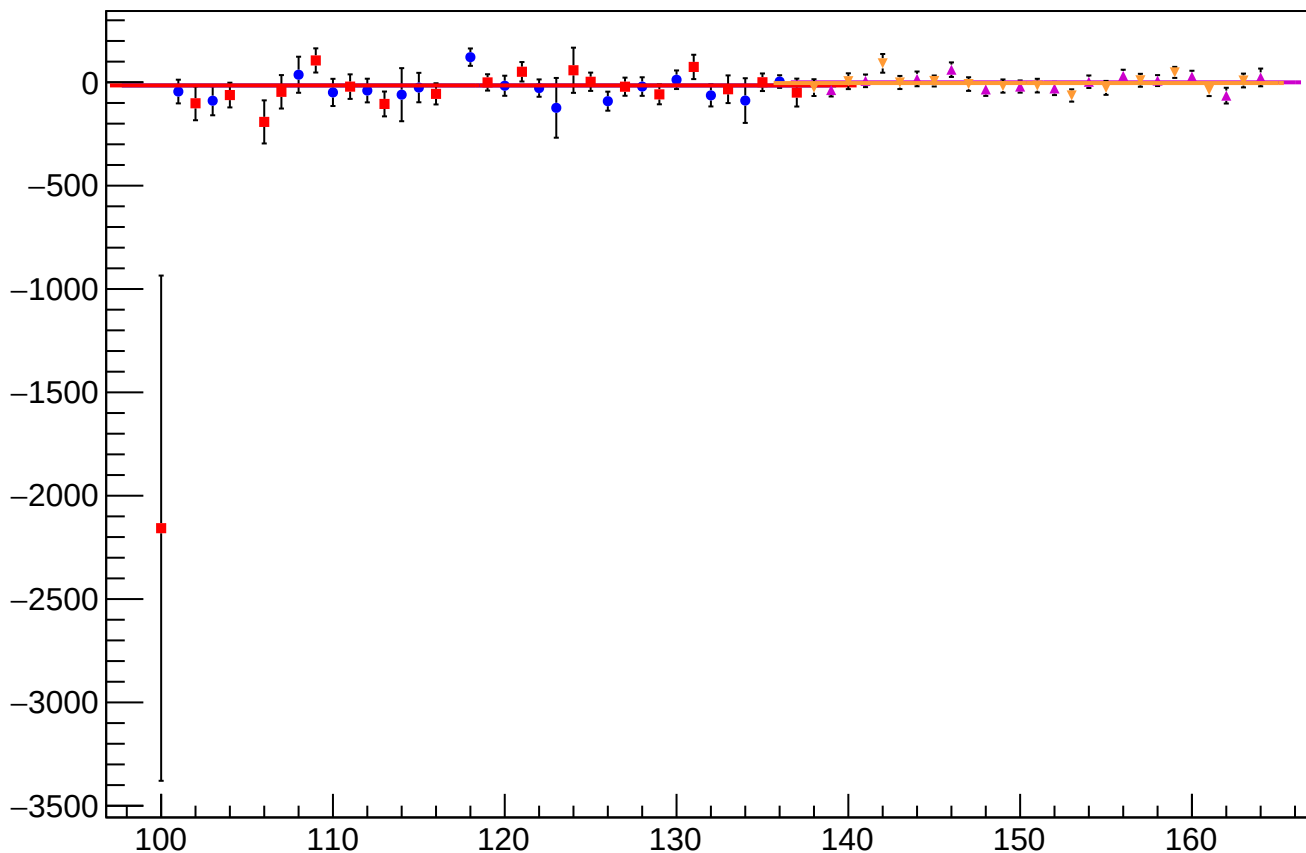
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 861.444+/-0.154 χ^2/NDF : 2875814.1/29

Out: 880.423+/-0.155 χ^2/NDF : 3098862.7/32

All: 870.903+/-0.109 χ^2/NDF : 5982197.8/62

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: -3.671 ± 8.634 χ^2/NDF : 15.1/13

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -0.135 ± 8.791 χ^2/NDF : 12.6/12

Left: -1.935 ± 6.160 χ^2/NDF : 27.7/26

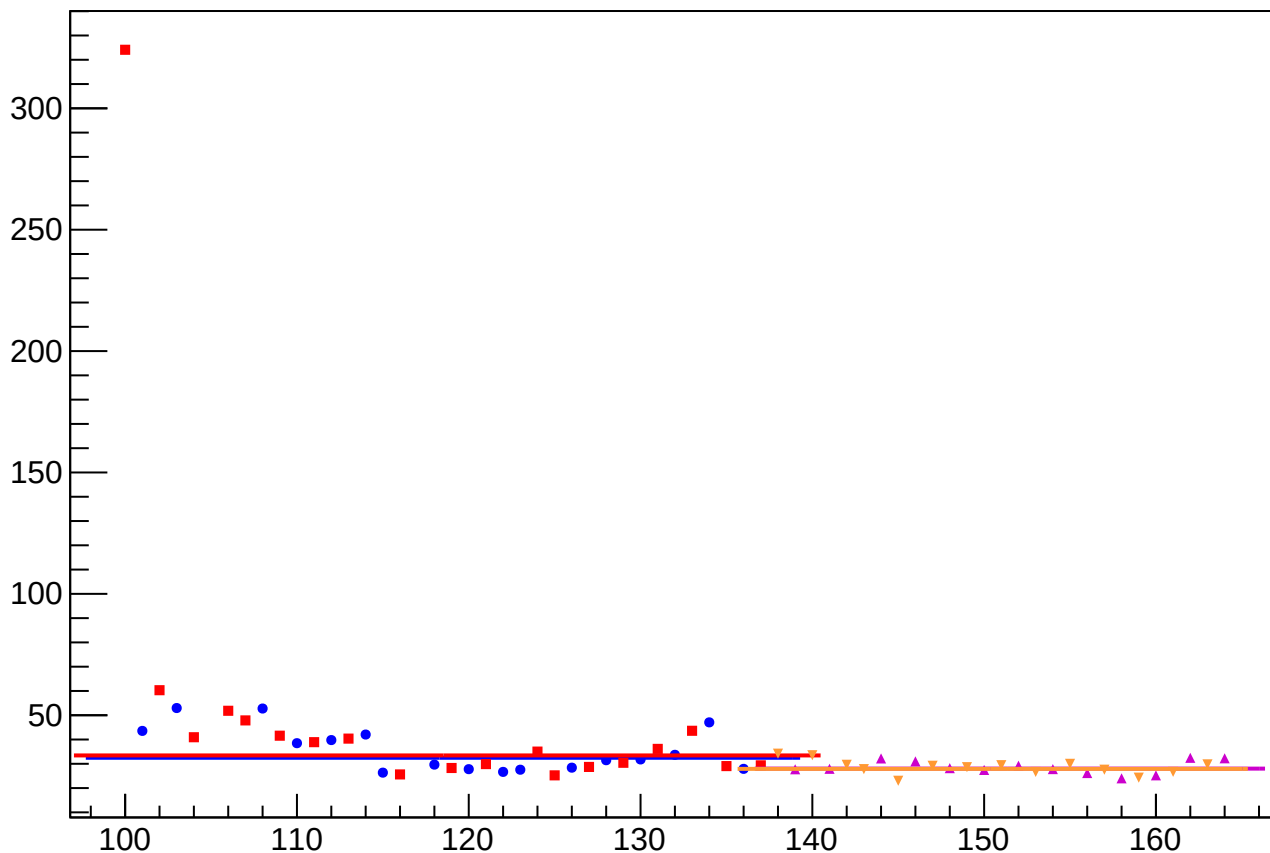
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -4.935 ± 7.266 χ^2/NDF : 31.8/29

Out: -7.129 ± 7.208 χ^2/NDF : 36.9/32

All: -6.040 ± 5.117 χ^2/NDF : 68.7/62

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.908+/-0.006 χ^2/NDF : 227211.7/13

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 28.013+/-0.006 χ^2/NDF : 165308.8/12

Left: 27.960+/-0.004 χ^2/NDF : 392665.5/26

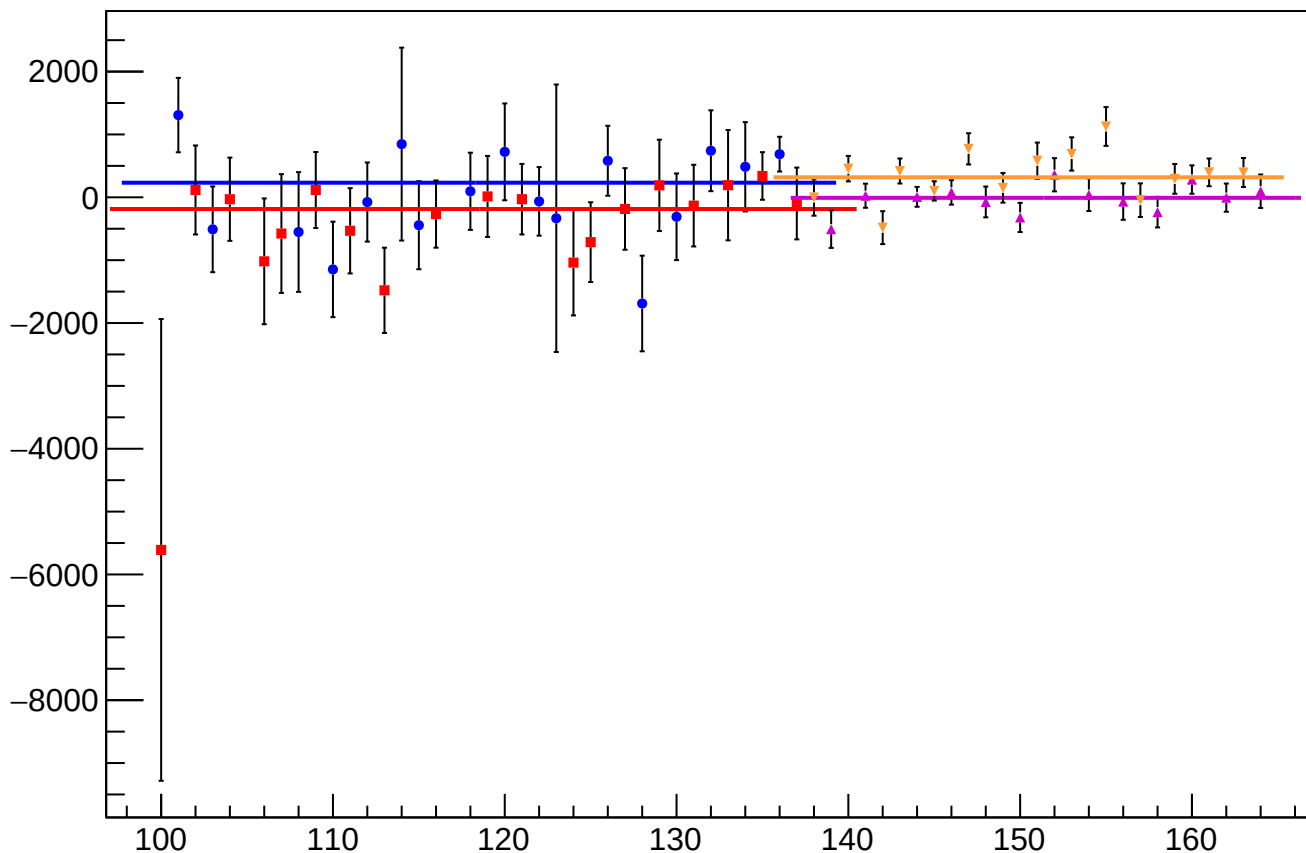
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 29.432+/-0.005 χ^2/NDF : 924086.6/29

Out: 29.585+/-0.005 χ^2/NDF : 1314678.3/32

All: 29.509+/-0.004 χ^2/NDF : 2239216.7/62

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: 317.924 $\pm$ 61.917 χ^2 /NDF:28.9/13

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -8.378 $\pm$ 63.039 χ^2 /NDF:9.6/12

Left: 157.702 $\pm$ 44.173 χ^2 /NDF: 52.1/26

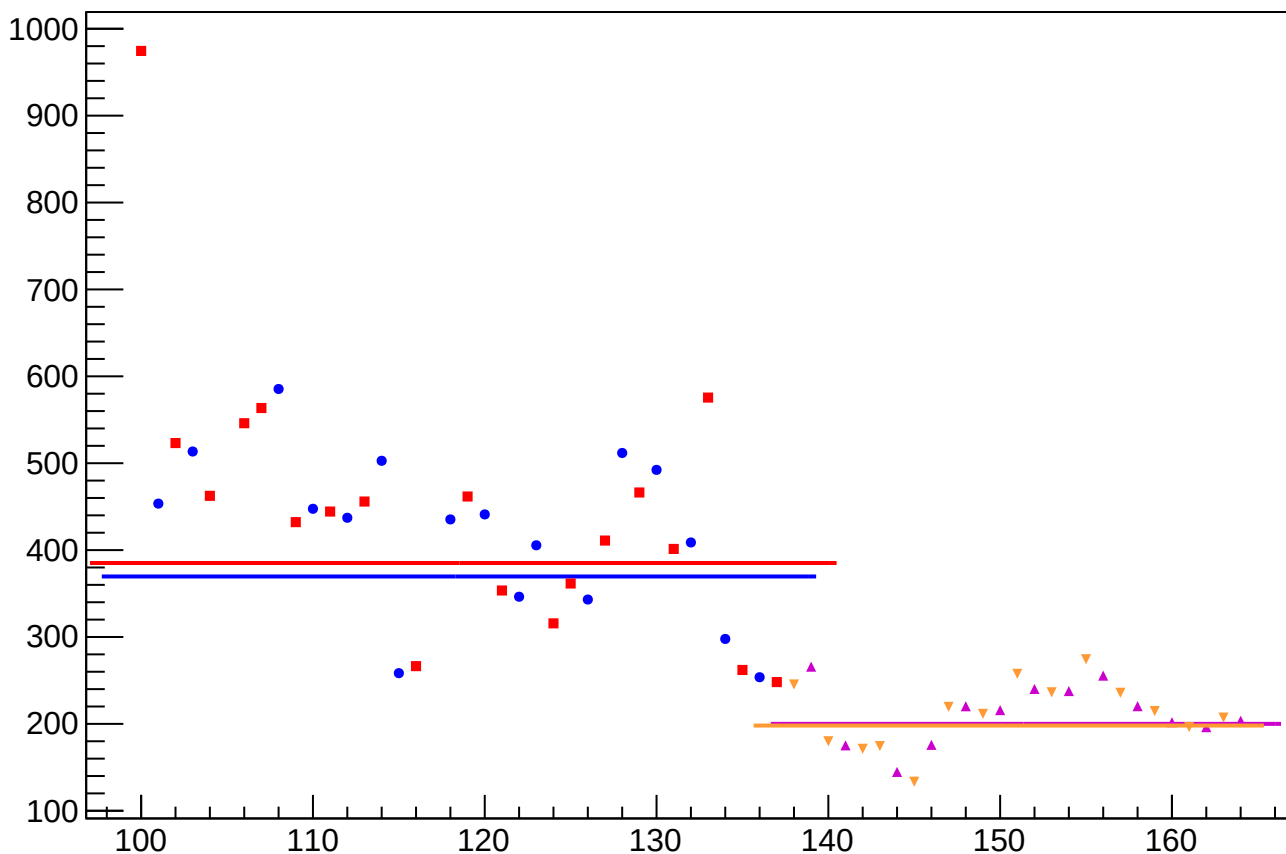
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 28.330 $\pm$ 58.033 χ^2 /NDF:33.3/29

Out: 244.431 $\pm$ 57.226 χ^2 /NDF:50.3/32

All: 137.894 $\pm$ 40.747 χ^2 /NDF: 90.7/62

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 198.081 $\pm$ 0.044 χ^2 /NDF: 797741.6/13

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 200.036 $\pm$ 0.045 χ^2 /NDF: 606453.5/12

Left: 199.041 $\pm$ 0.031 χ^2 /NDF: 1405173.7/26

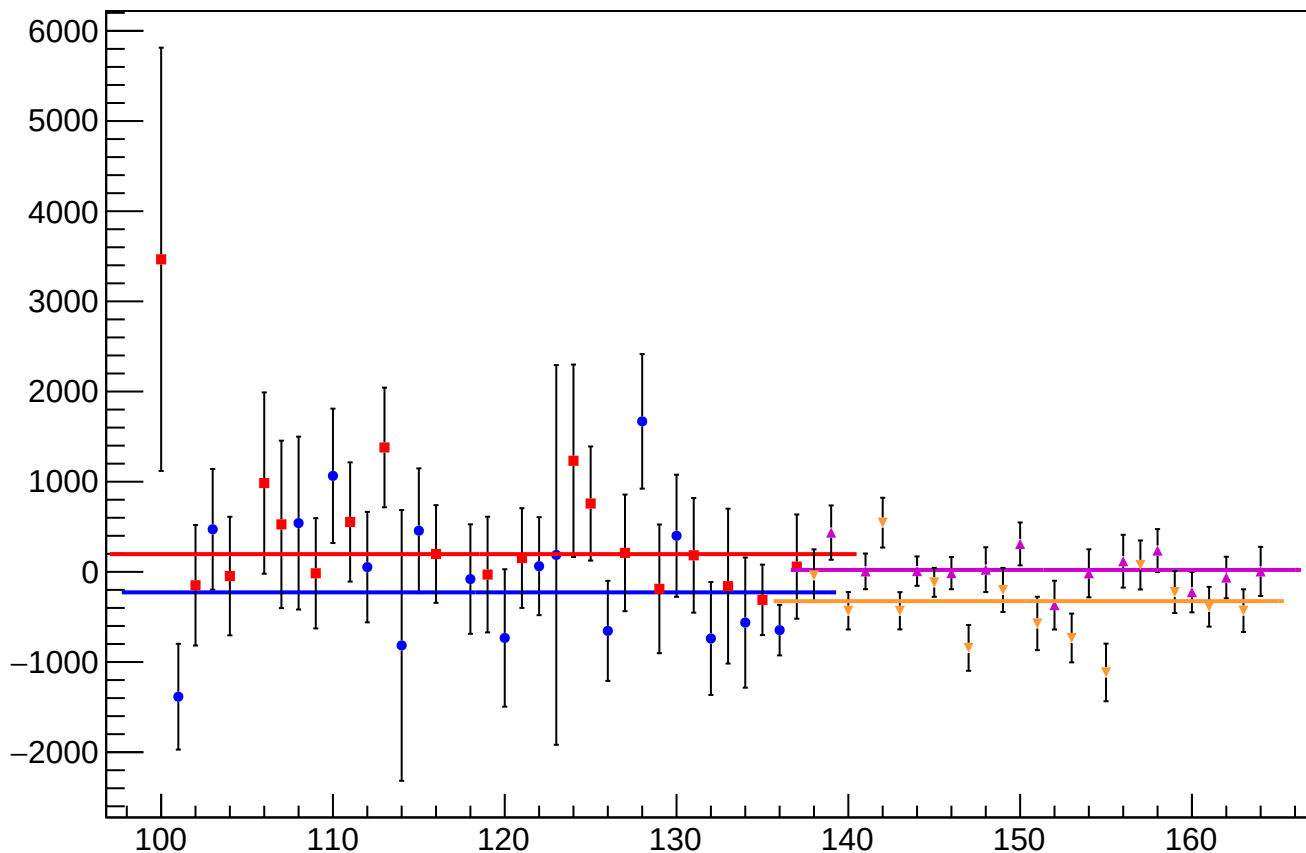
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 225.902 $\pm$ 0.041 χ^2 /NDF: 3717294.7/29

Out: 225.353 $\pm$ 0.040 χ^2 /NDF: 4385917.5/32

All: 225.624 $\pm$ 0.029 χ^2 /NDF: 8103302.8/62

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 $\pm$ 147.923 χ^2 /NDF: 21.8/16

Left Out: -324.762 $\pm$ 63.484 χ^2 /NDF:29.3/13

Right Out: 196.753 $\pm$ 150.178 χ^2 /NDF: 10.7/18

Left In: 21.480 $\pm$ 63.374 χ^2 /NDF:7.8/12

Left: -151.343 $\pm$ 44.851 χ^2 /NDF: 52.0/26

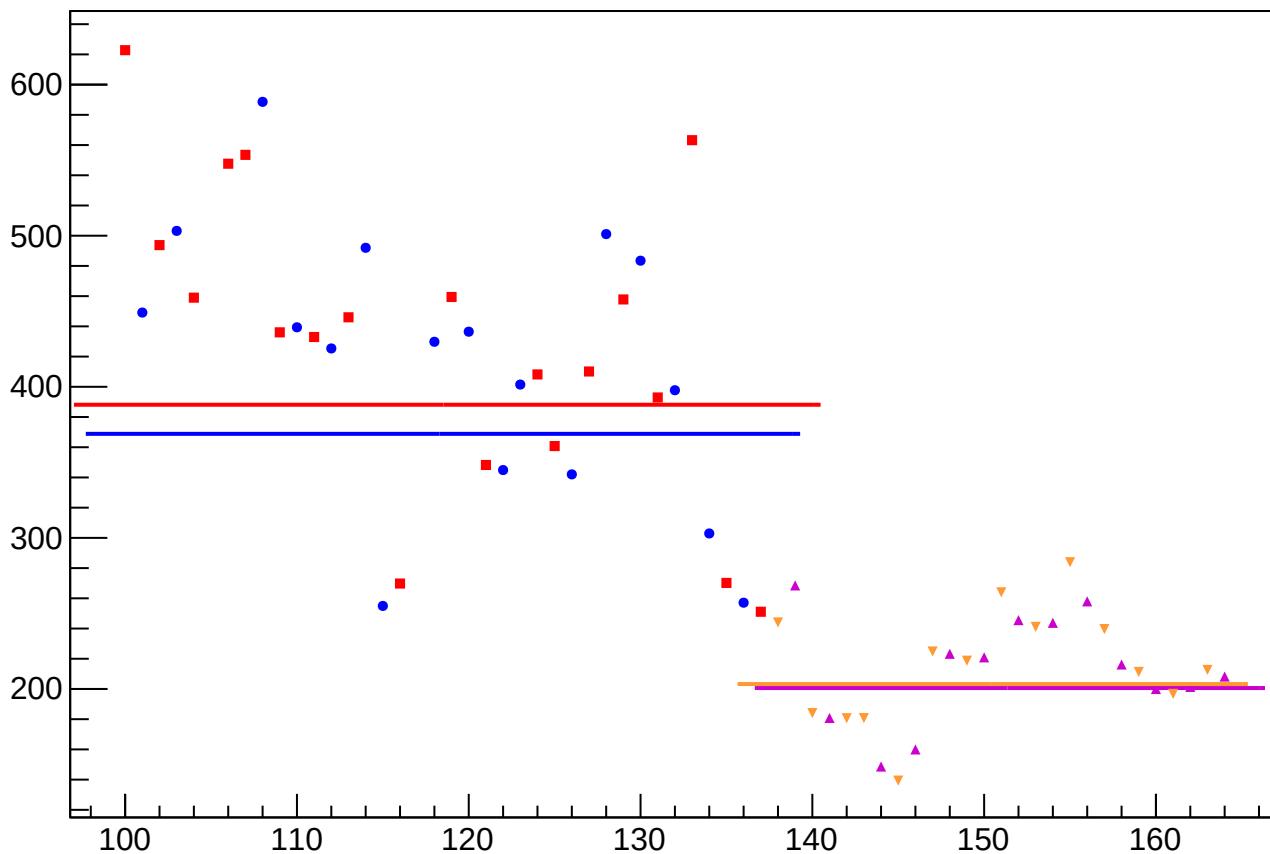
Right: -18.470 $\pm$ 105.386 χ^2 /NDF: 36.6/35

In: -17.098 $\pm$ 58.253 χ^2 /NDF:32.0/29

Out: -245.699 $\pm$ 58.474 χ^2 /NDF:50.3/32

All: -130.967 $\pm$ 41.269 χ^2 /NDF: 89.9/62

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: 203.261 $\pm$ 0.045 χ^2/NDF : 728124.0/13

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 200.620 $\pm$ 0.045 χ^2/NDF : 655099.2/12

Left: 201.938 $\pm$ 0.032 χ^2/NDF : 1384956.3/26

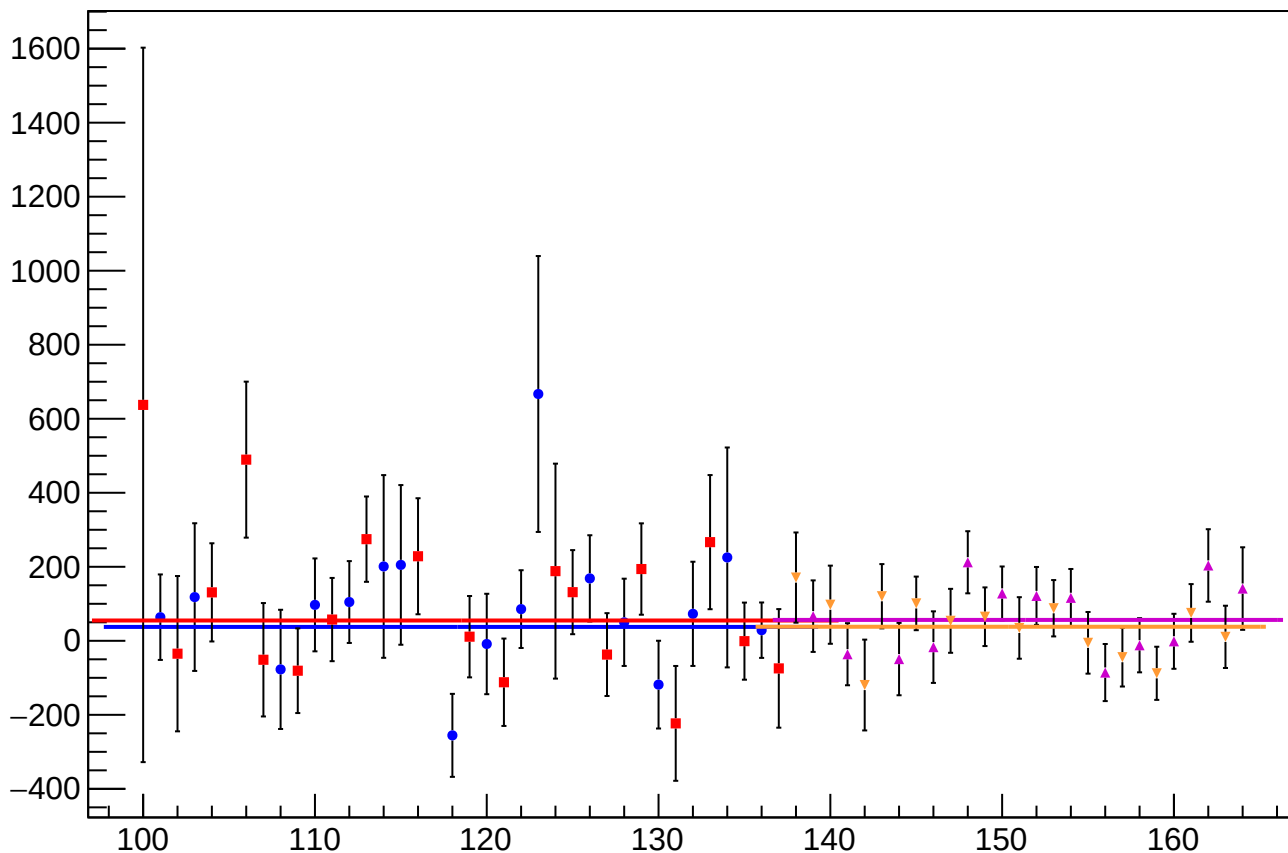
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 226.712 $\pm$ 0.041 χ^2/NDF : 3670830.1/29

Out: 231.287 $\pm$ 0.041 χ^2/NDF : 4077540.4/32

All: 228.991 $\pm$ 0.029 χ^2/NDF : 7754515.7/62

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 37.971+/-22.586 χ^2/NDF :10.2/13

Right Out: 54.894+/-31.473 χ^2/NDF : 22.2/18

Left In: 56.458+/-23.314 χ^2/NDF :16.4/12

Left: 46.921+/-16.222 χ^2/NDF : 26.9/26

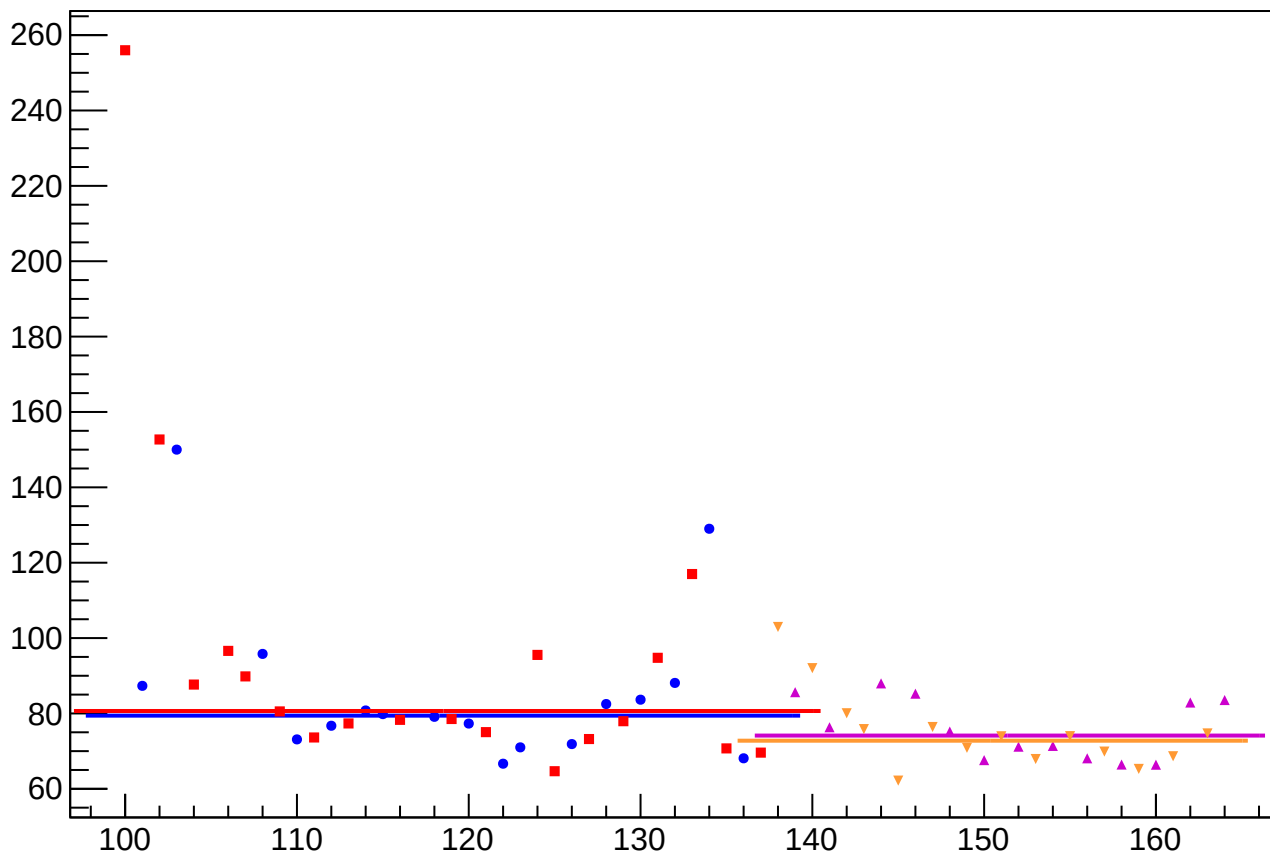
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 49.750+/-18.731 χ^2/NDF :32.5/29

Out: 43.724+/-18.350 χ^2/NDF :32.5/32

All: 46.675+/-13.108 χ^2/NDF : 65.0/62

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: 72.771 $\pm$ 0.016 χ^2 /NDF:286203.1/13

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 74.130 $\pm$ 0.016 χ^2 /NDF:204221.9/12

Left: 73.429 $\pm$ 0.011 χ^2 /NDF: 493932.8/26

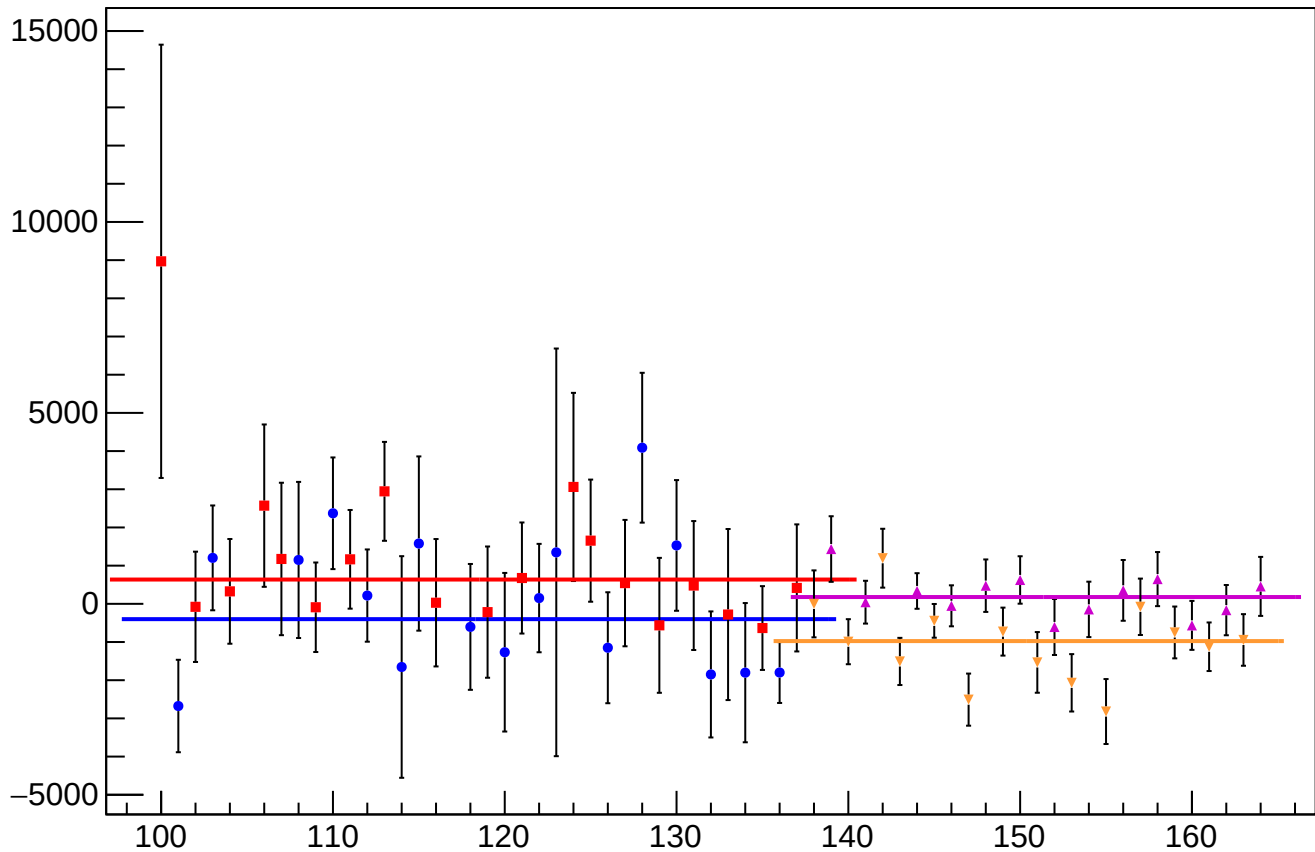
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.006 $\pm$ 0.013 χ^2 /NDF:679787.9/29

Out: 75.450 $\pm$ 0.013 χ^2 /NDF:889427.1/32

All: 75.722 $\pm$ 0.009 χ^2 /NDF: 1570114.2/62

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -975.654 $\pm$ 177.605 χ^2 /NDF:25.5/13

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 178.018 $\pm$ 179.388 χ^2 /NDF:6.8/12

Left: -404.580 $\pm$ 126.211 χ^2 /NDF: 53.2/26

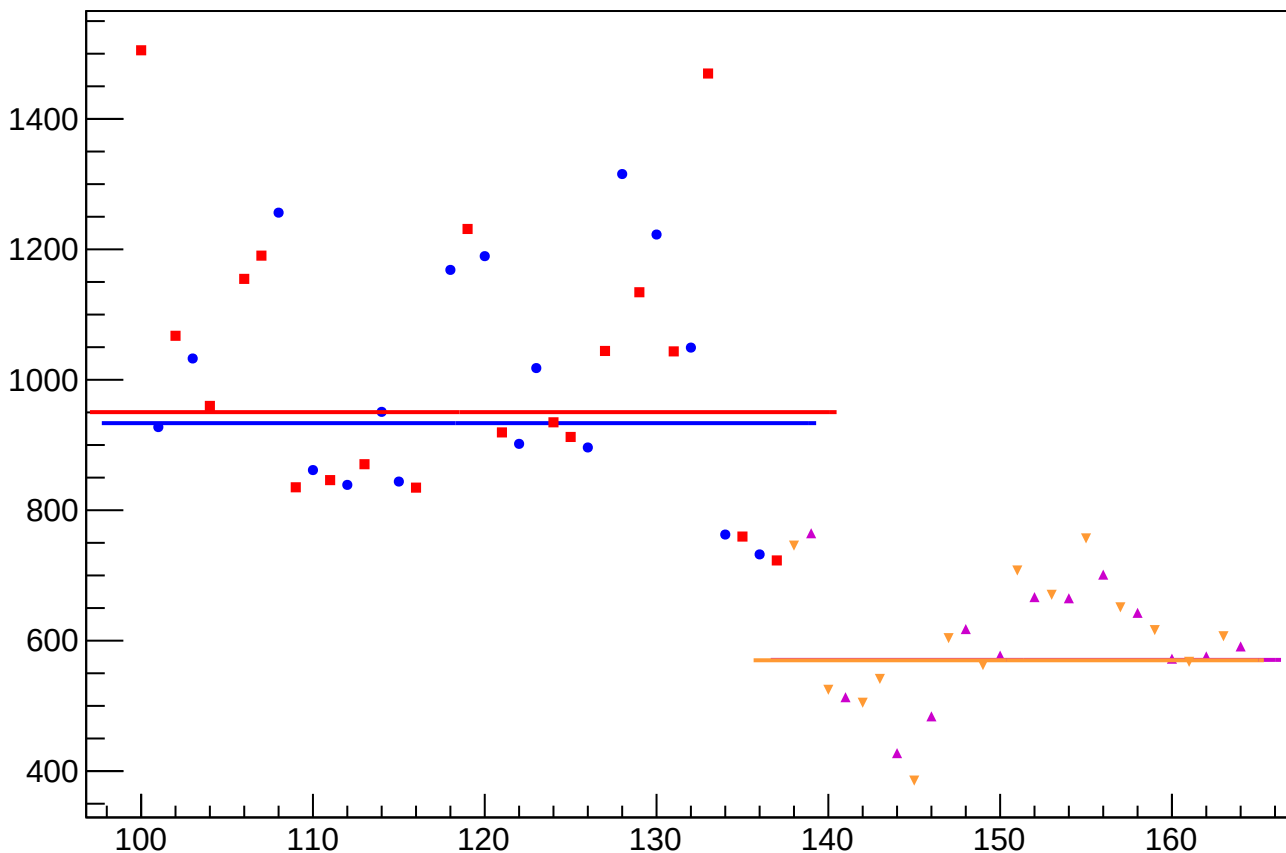
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 67.071 $\pm$ 161.290 χ^2 /NDF:30.7/29

Out: -664.233 $\pm$ 159.527 χ^2 /NDF:52.3/32

All: -302.600 $\pm$ 113.421 χ^2 /NDF: 93.4/62

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 569.931 $\pm$ 0.126 χ^2 /NDF: 696957.6/13

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 570.531 $\pm$ 0.127 χ^2 /NDF: 517639.0/12

Left: 570.228 $\pm$ 0.089 χ^2 /NDF: 1214607.9/26

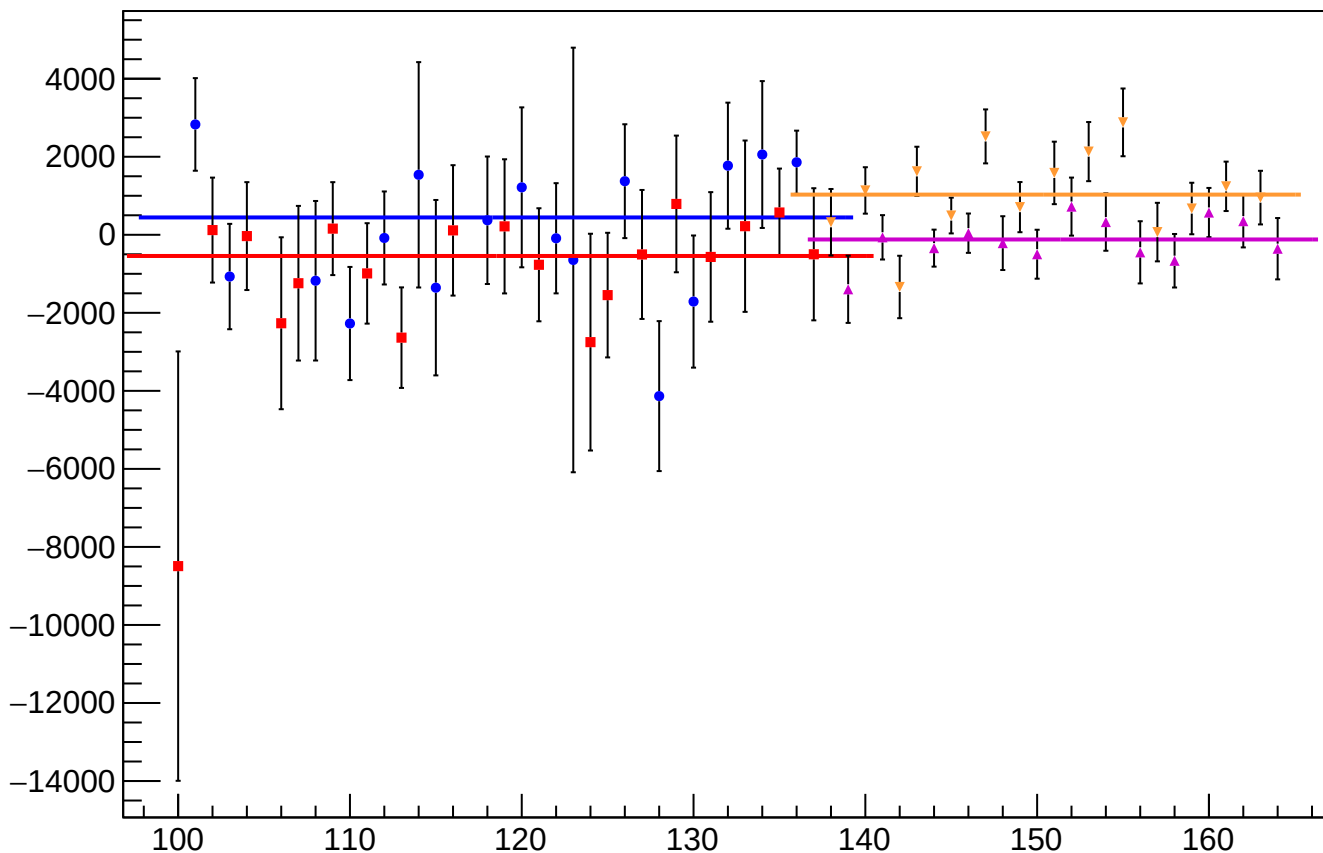
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 640.080 $\pm$ 0.114 χ^2 /NDF: 2529028.5/29

Out: 643.445 $\pm$ 0.113 χ^2 /NDF: 2894786.6/32

All: 641.781 $\pm$ 0.080 χ^2 /NDF: 5424255.0/62

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1029.810+/-180.025 χ^2/NDF :25.8/13

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -120.000+/-179.142 χ^2/NDF :7.1/12

Left: 452.080+/-126.984 χ^2/NDF : 53.5/26

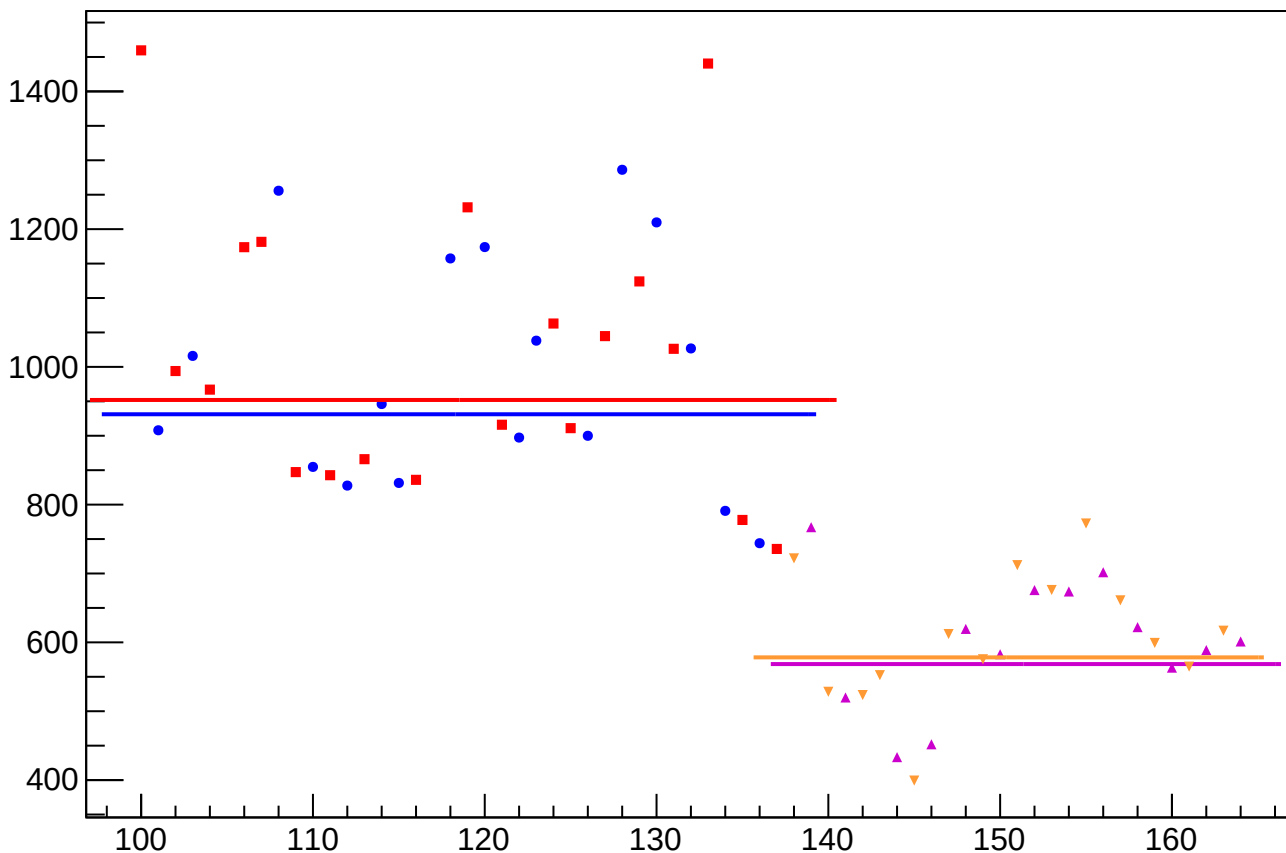
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: -11.394+/-160.995 χ^2/NDF :31.9/29

Out: 719.766+/-161.308 χ^2/NDF :50.3/32

All: 353.476+/-113.951 χ^2/NDF : 92.5/62

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 578.197+/-0.127 χ^2/NDF : 616276.5/13

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 568.477+/-0.127 χ^2/NDF : 558603.2/12

Left: 573.313+/-0.090 χ^2/NDF : 1177809.0/26

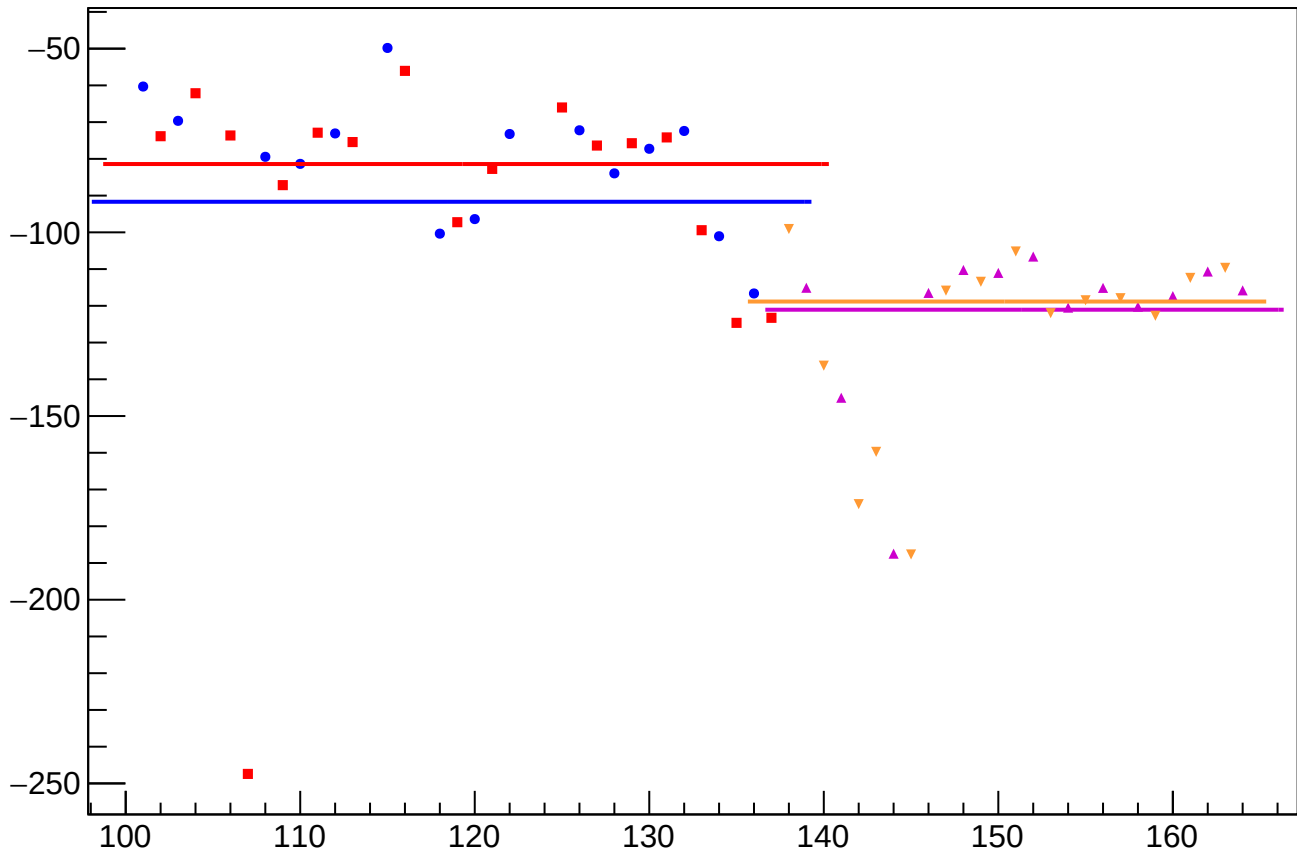
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 638.242+/-0.114 χ^2/NDF : 2535917.6/29

Out: 651.875+/-0.114 χ^2/NDF : 2698367.8/32

All: 645.045+/-0.081 χ^2/NDF : 5241442.3/62

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -118.833 ± 0.074 $\chi^2/\text{NDF}: 26055.8/13$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -121.061 ± 0.073 $\chi^2/\text{NDF}: 44891.3/12$

Left: -119.953 ± 0.052 $\chi^2/\text{NDF}: 71407.3/26$

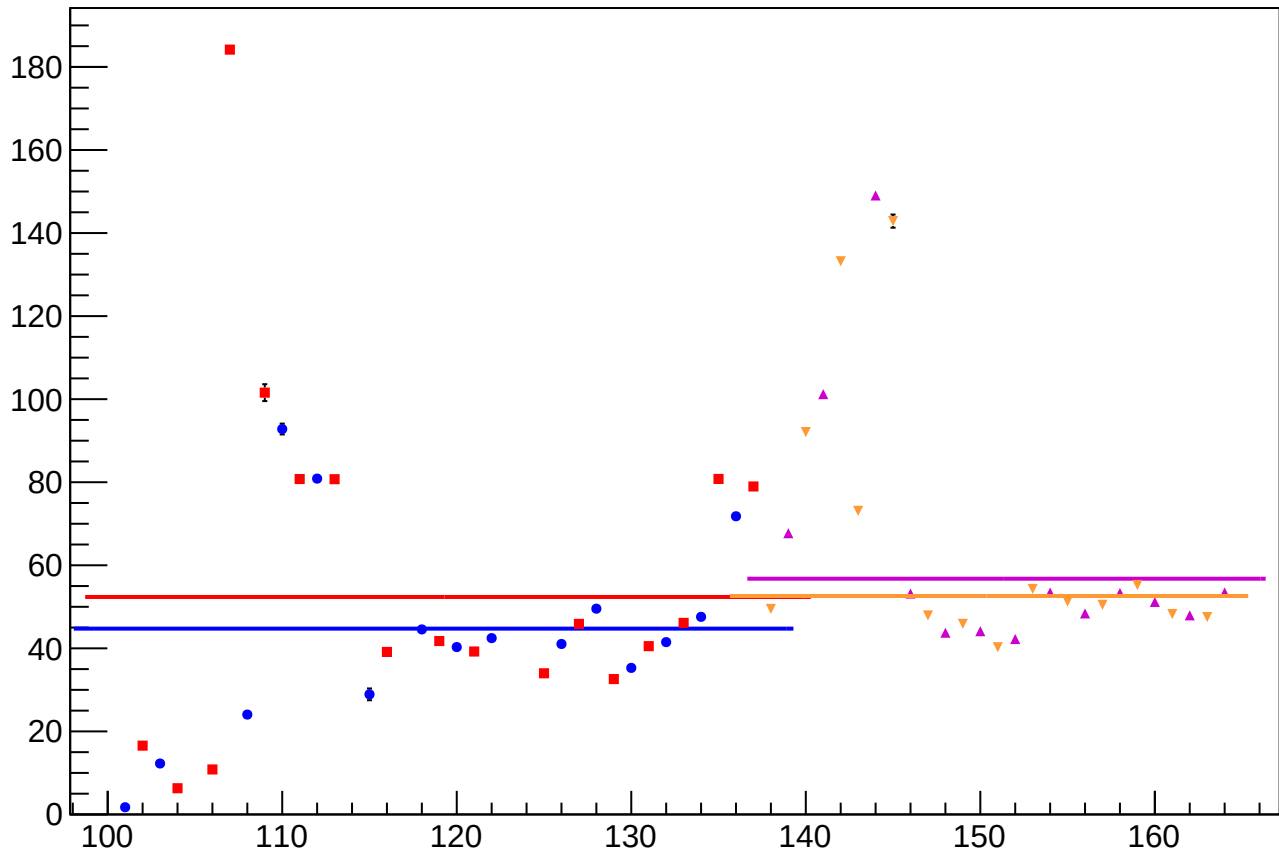
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -105.730 ± 0.051 $\chi^2/\text{NDF}: 193444.9/27$

Out: -105.411 ± 0.059 $\chi^2/\text{NDF}: 160427.1/30$

All: -105.595 ± 0.038 $\chi^2/\text{NDF}: 353888.9/58$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 52.604+/-0.060 χ^2/NDF : 43426.6/13

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 56.765+/-0.063 χ^2/NDF : 109067.2/12

Left: 54.611+/-0.044 χ^2/NDF : 154776.4/26

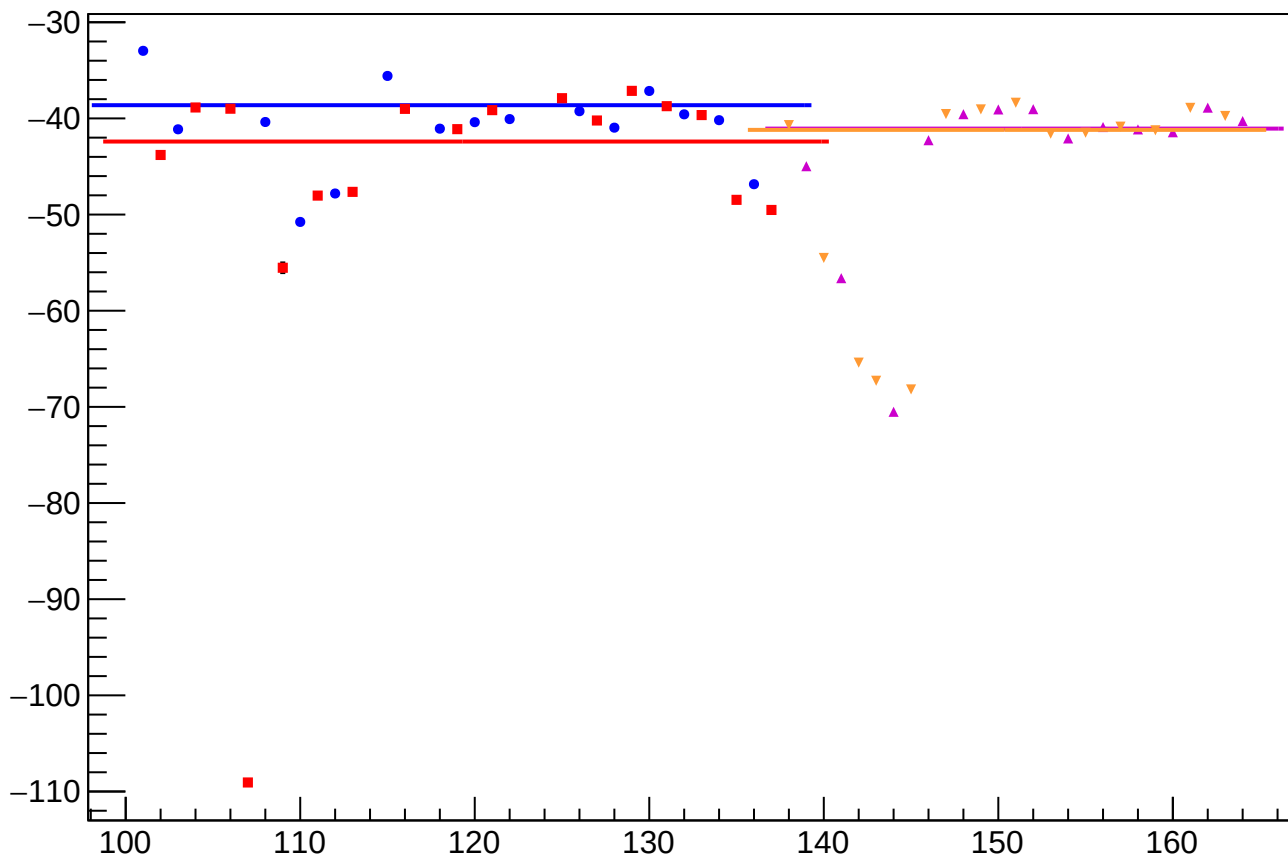
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.551+/-0.044 χ^2/NDF : 212787.6/27

Out: 52.551+/-0.053 χ^2/NDF : 112715.2/30

All: 51.352+/-0.034 χ^2/NDF : 326347.7/58

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.193 ± 0.009 χ^2/NDF : 190038.7/13

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.061 ± 0.010 χ^2/NDF : 149497.8/12

Left: -41.132 ± 0.007 χ^2/NDF : 339639.3/26

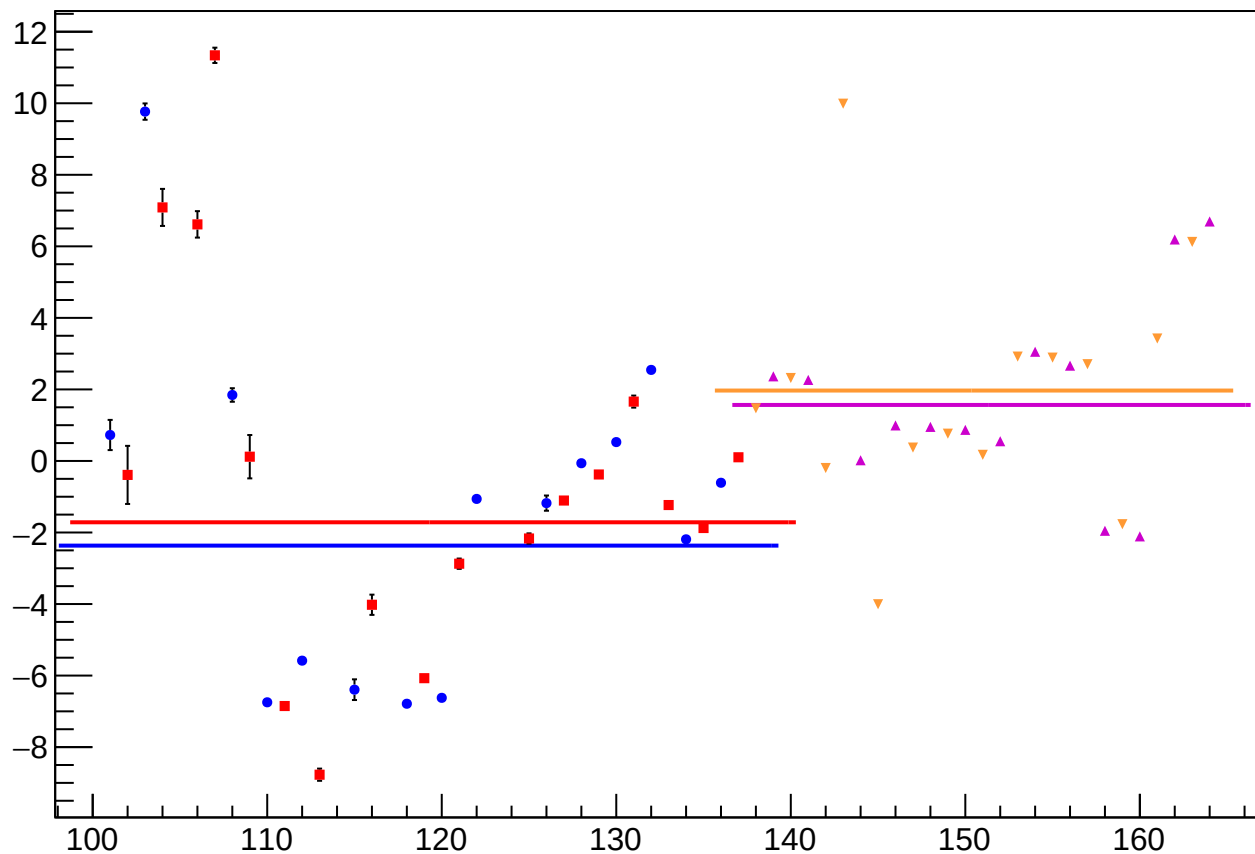
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.669 ± 0.006 χ^2/NDF : 426783.9/27

Out: -41.373 ± 0.008 χ^2/NDF : 461945.0/30

All: -40.296 ± 0.005 χ^2/NDF : 916076.8/58

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.969 ± 0.009 $\chi^2/\text{NDF}: 71474.9/13$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.566 ± 0.008 $\chi^2/\text{NDF}: 77090.5/12$

Left: 1.748 ± 0.006 $\chi^2/\text{NDF}: 149582.4/26$

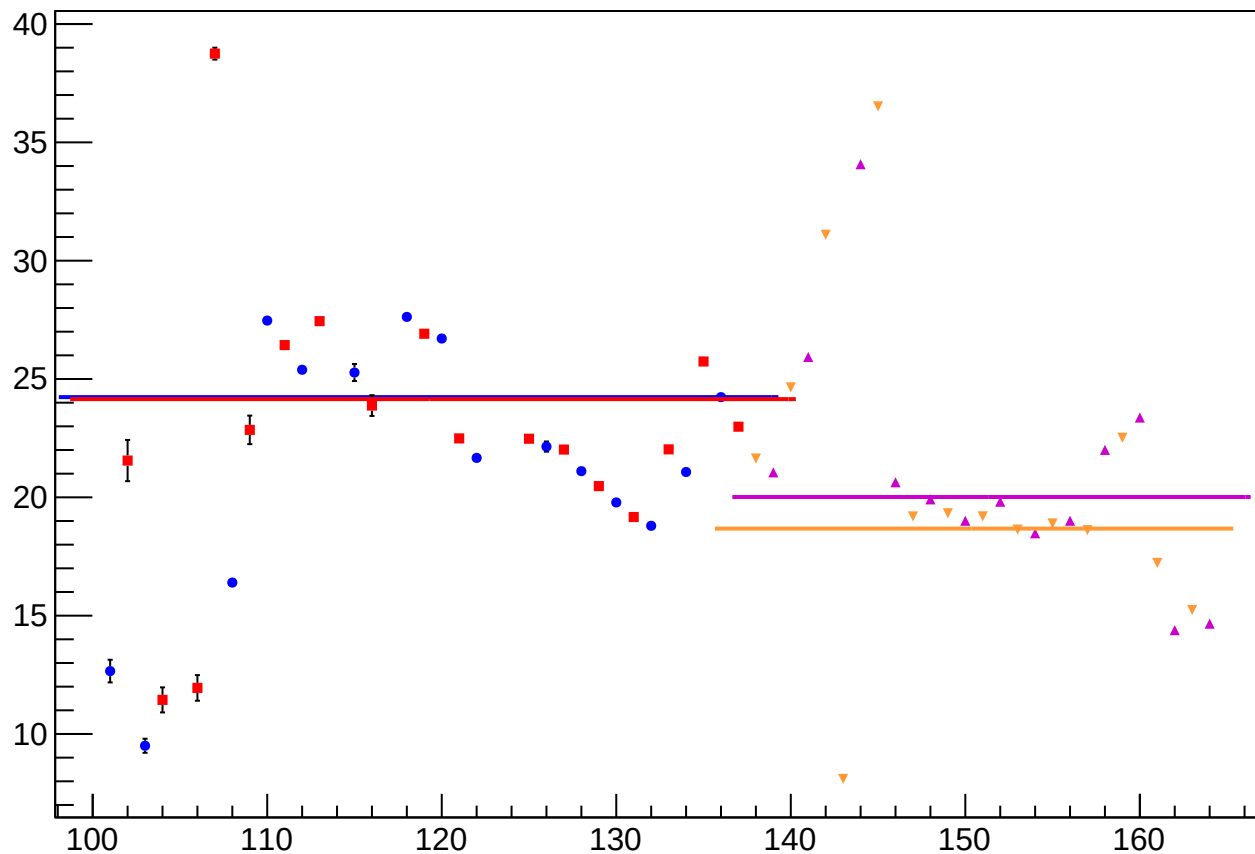
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.516 ± 0.007 $\chi^2/\text{NDF}: 163122.4/27$

Out: 1.575 ± 0.009 $\chi^2/\text{NDF}: 100825.3/30$

All: 0.944 ± 0.006 $\chi^2/\text{NDF}: 272519.8/58$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.679 $\pm$ 0.009 χ^2 /NDF: 70509.1/13

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.014 $\pm$ 0.009 χ^2 /NDF: 87329.1/12

Left: 19.410 $\pm$ 0.006 χ^2 /NDF: 168760.3/26

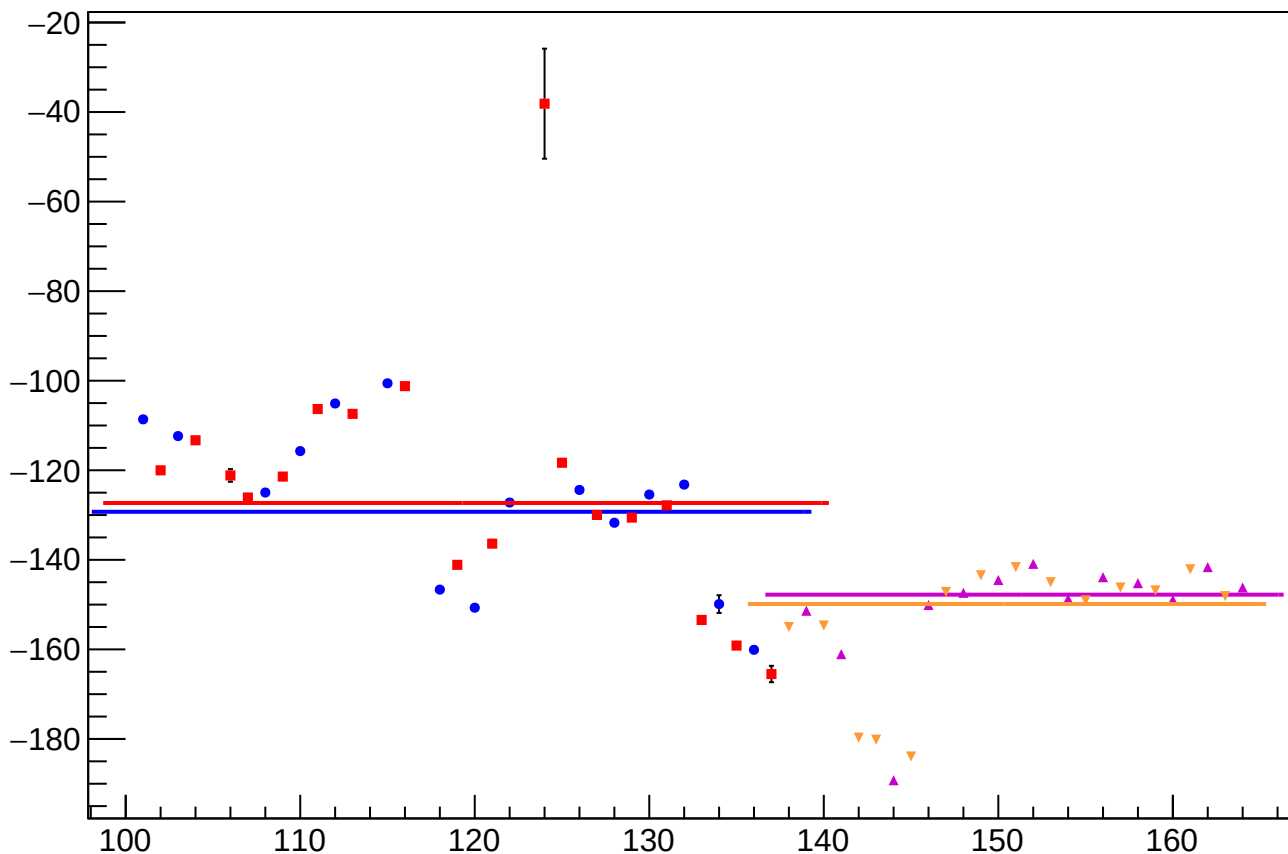
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.571 $\pm$ 0.008 χ^2 /NDF: 141115.2/27

Out: 19.394 $\pm$ 0.009 χ^2 /NDF: 127541.1/30

All: 20.039 $\pm$ 0.006 χ^2 /NDF: 278441.0/58

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -149.871 $\pm$ 0.064 χ^2 /NDF:27796.1/13

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -147.776 $\pm$ 0.058 χ^2 /NDF:22331.6/12

Left: -148.722 $\pm$ 0.043 χ^2 /NDF: 50716.6/26

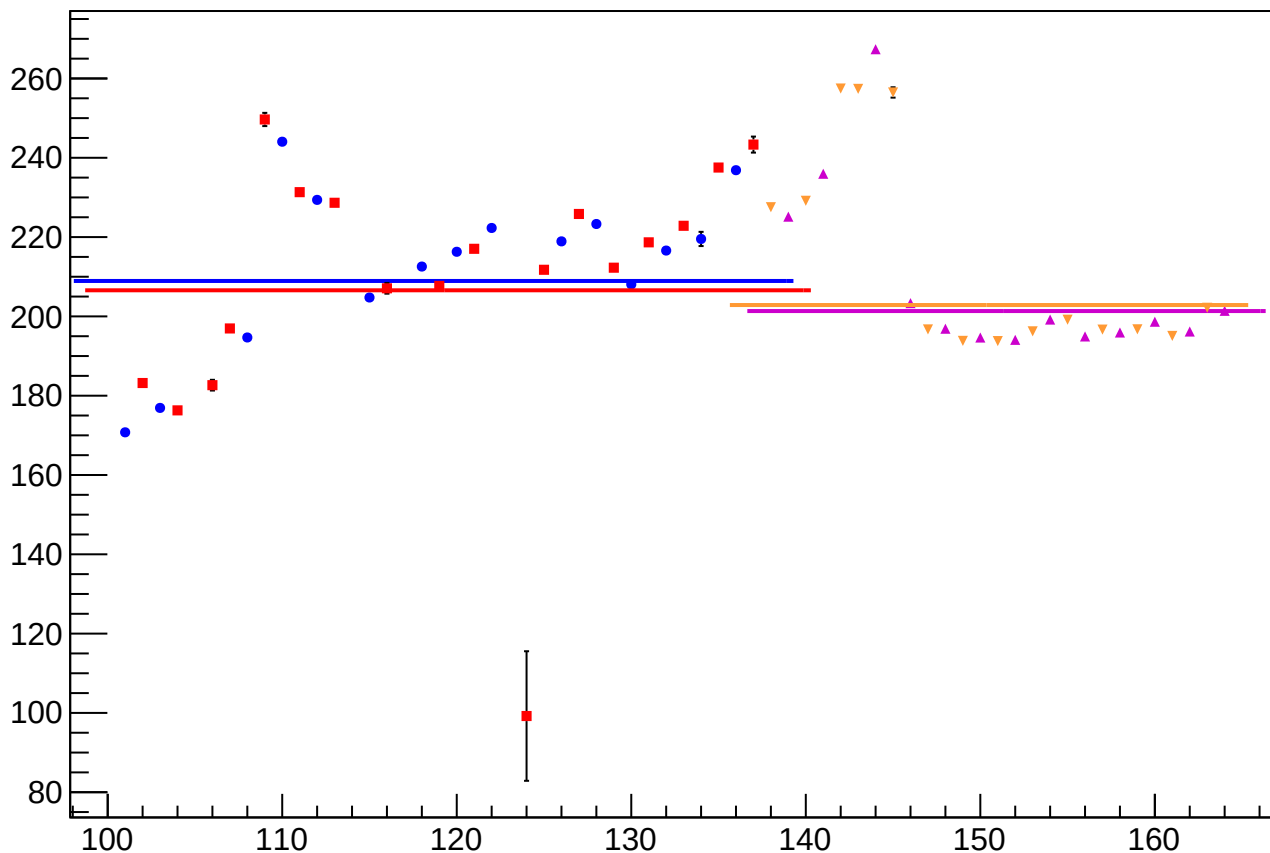
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -142.151 $\pm$ 0.048 χ^2 /NDF:88372.1/27

Out: -141.632 $\pm$ 0.051 χ^2 /NDF:102880.1/31

All: -141.905 $\pm$ 0.035 χ^2 /NDF: 191306.6/59

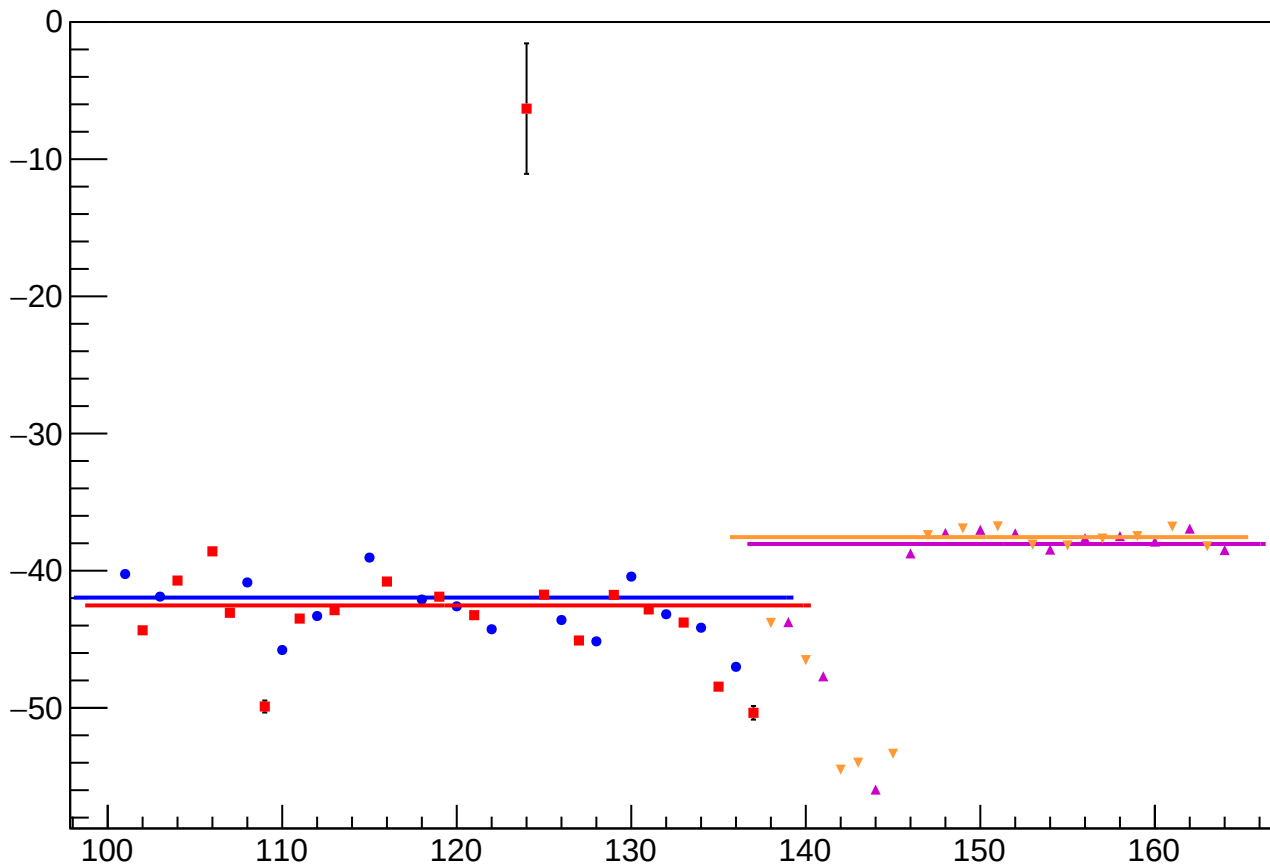
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14
 Left Out: 202.865 $\pm$ 0.052 χ^2/NDF :102951.1/13
 Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17
 Left In: 201.345 $\pm$ 0.050 χ^2/NDF :76146.0/12

Left: 202.065 $\pm$ 0.036 χ^2/NDF : 179542.7/26
 Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32
 In: 203.136 $\pm$ 0.043 χ^2/NDF :126360.5/27
 Out: 203.915 $\pm$ 0.044 χ^2/NDF :152593.4/31
 All: 203.517 $\pm$ 0.031 χ^2/NDF : 279112.5/59

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.552 ± 0.005 $\chi^2/\text{NDF}: 220724.0/13$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.051 ± 0.005 $\chi^2/\text{NDF}: 132984.9/12$

Left: -37.778 ± 0.003 $\chi^2/\text{NDF}: 358957.9/26$

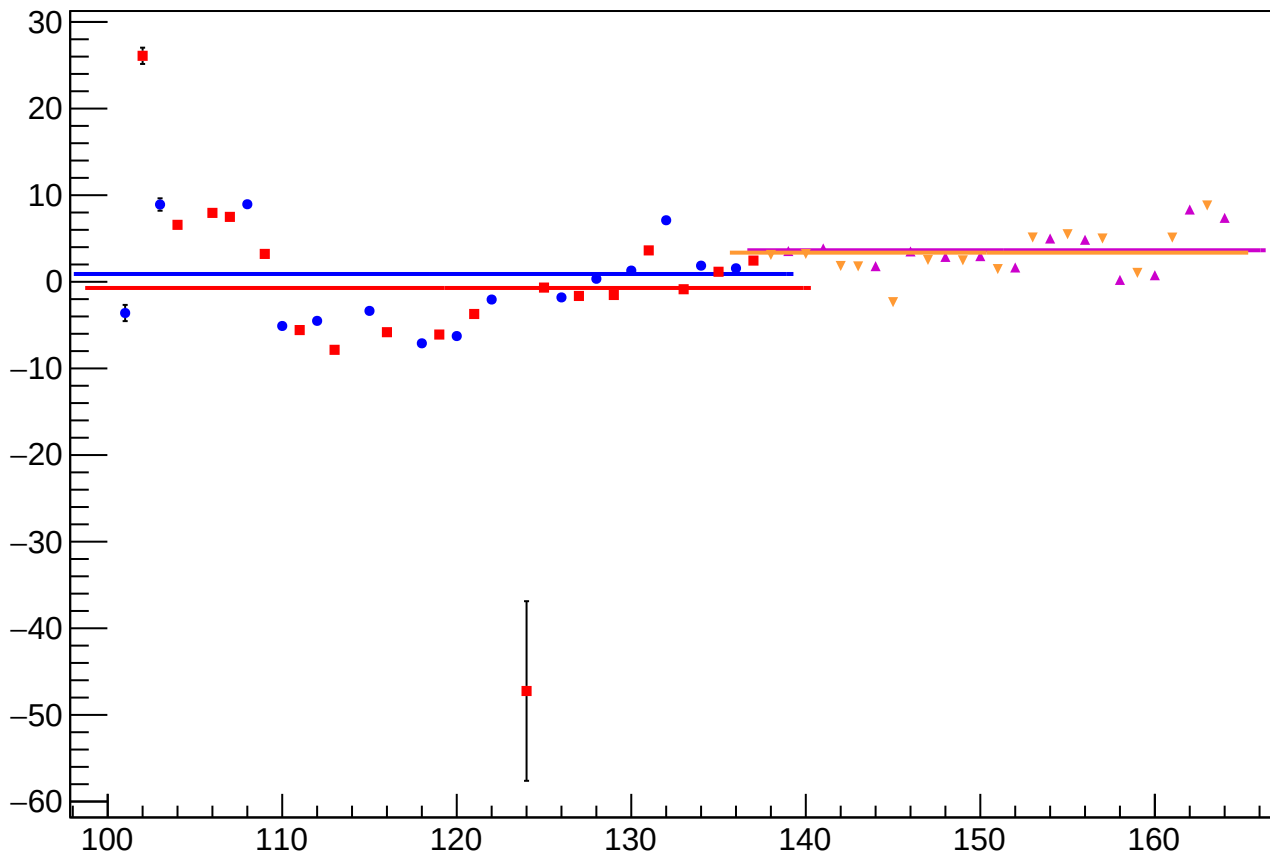
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.428 ± 0.005 $\chi^2/\text{NDF}: 213870.6/27$

Out: -37.791 ± 0.005 $\chi^2/\text{NDF}: 282204.3/31$

All: -38.087 ± 0.003 $\chi^2/\text{NDF}: 505326.5/59$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 3.367 ± 0.009 $\chi^2/\text{NDF}: 72505.2/13$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.642 ± 0.009 $\chi^2/\text{NDF}: 62508.9/12$

Left: 3.510 ± 0.006 $\chi^2/\text{NDF}: 135507.3/26$

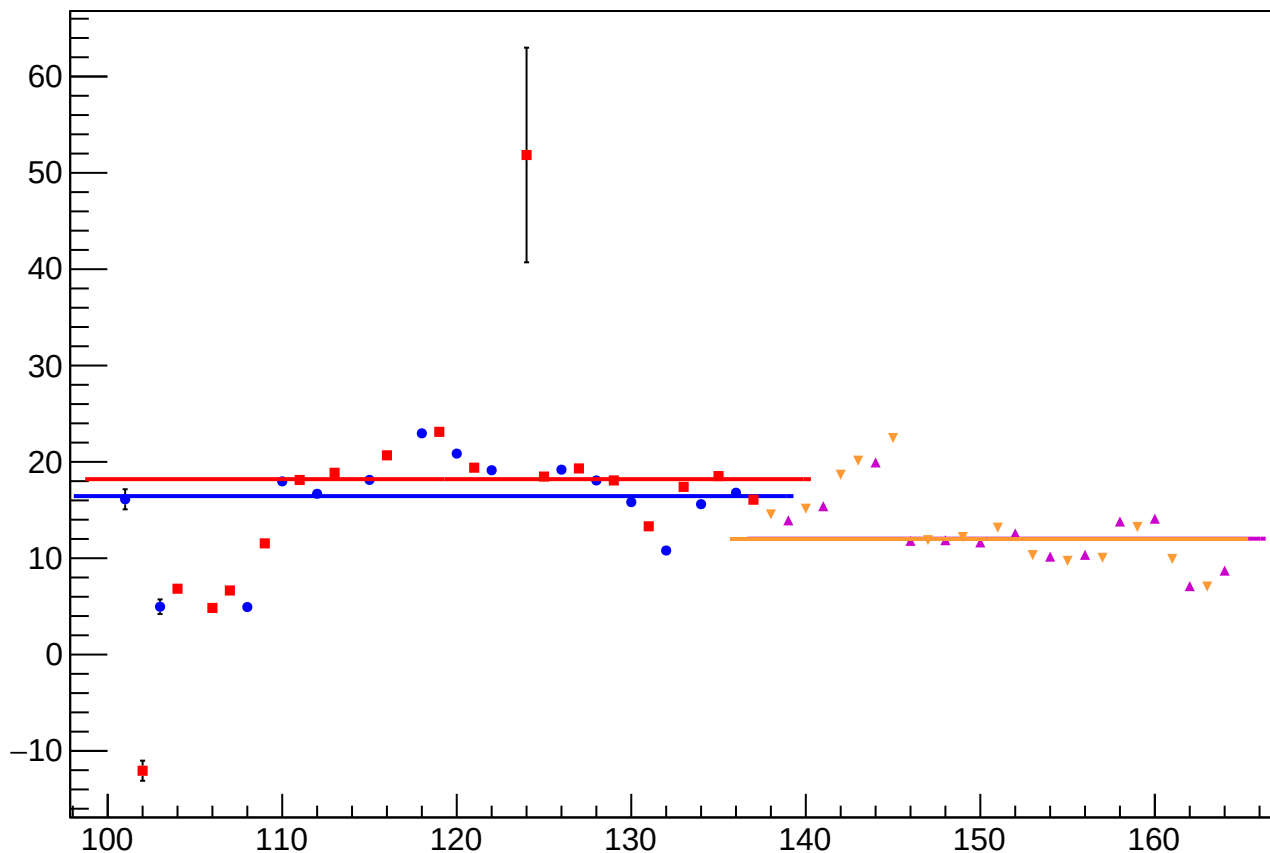
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 3.218 ± 0.008 $\chi^2/\text{NDF}: 99425.1/27$

Out: 2.883 ± 0.008 $\chi^2/\text{NDF}: 128047.4/31$

All: 3.060 ± 0.006 $\chi^2/\text{NDF}: 228319.1/59$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.997 $\pm$ 0.010 χ^2 /NDF: 86605.0/13

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.029 $\pm$ 0.010 χ^2 /NDF: 45234.0/12

Left: 12.013 $\pm$ 0.007 χ^2 /NDF: 131843.7/26

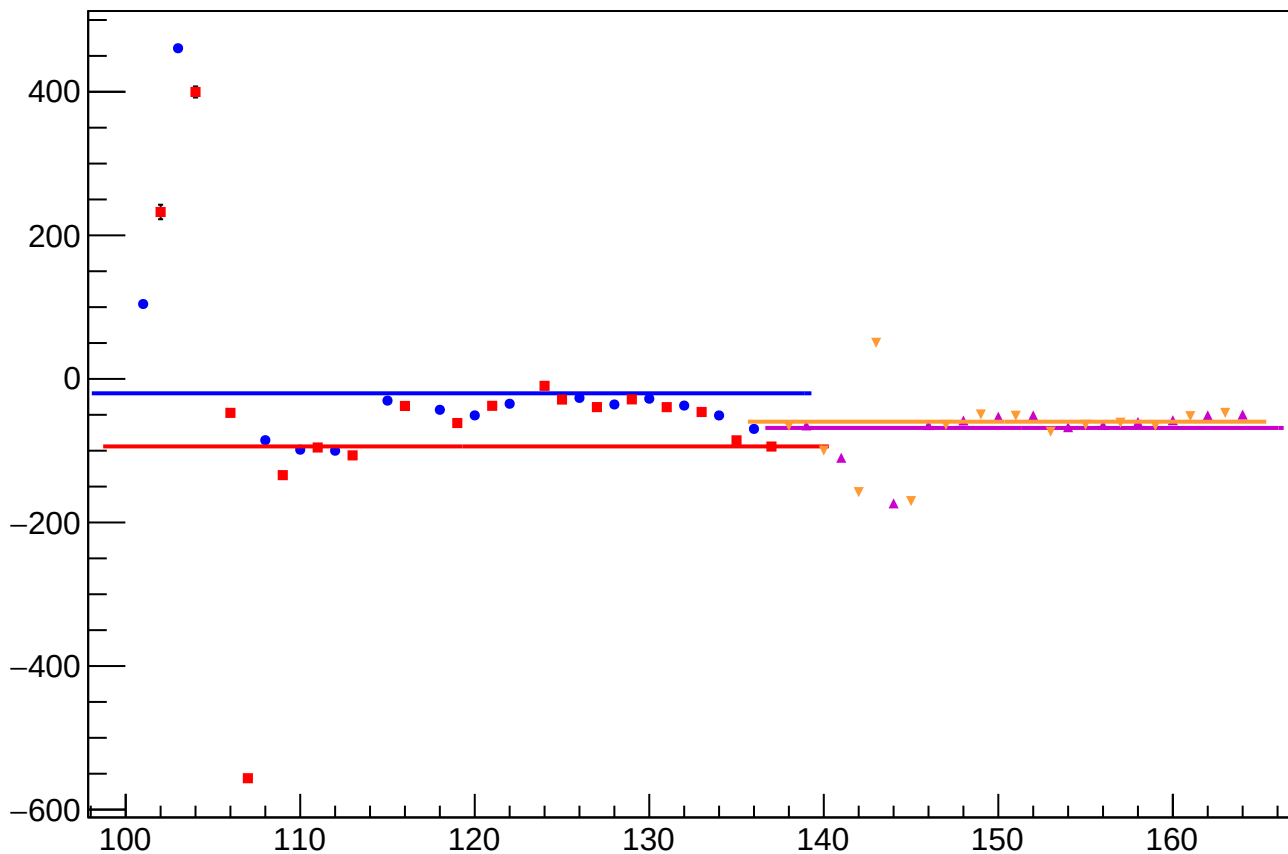
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.716 $\pm$ 0.010 χ^2 /NDF: 87090.3/27

Out: 13.241 $\pm$ 0.009 χ^2 /NDF: 187967.9/31

All: 12.992 $\pm$ 0.007 χ^2 /NDF: 276621.8/59

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -59.598 ± 0.125 χ^2/NDF : 46138.8/13

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -68.309 ± 0.144 χ^2/NDF : 37981.6/12

Left: -63.351 ± 0.095 χ^2/NDF : 86202.1/26

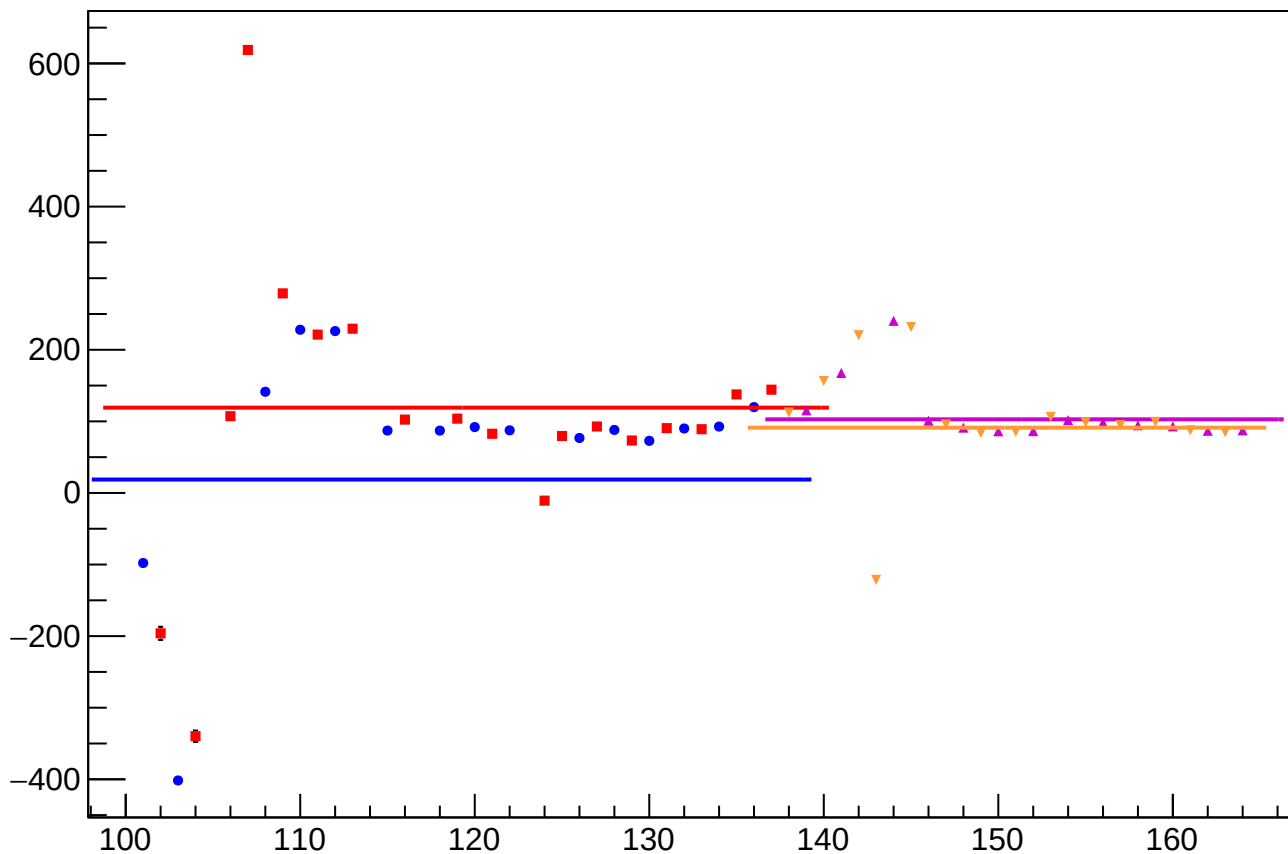
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -45.662 ± 0.105 χ^2/NDF : 532115.6/27

Out: -93.714 ± 0.012 χ^2/NDF : 208456.9/31

All: -93.055 ± 0.012 χ^2/NDF : 947444.3/59

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 91.189 ± 0.106 $\chi^2/\text{NDF}: 167690.1/13$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 102.845 ± 0.124 $\chi^2/\text{NDF}: 59177.1/12$

Left: 96.118 ± 0.080 $\chi^2/\text{NDF}: 232001.8/26$

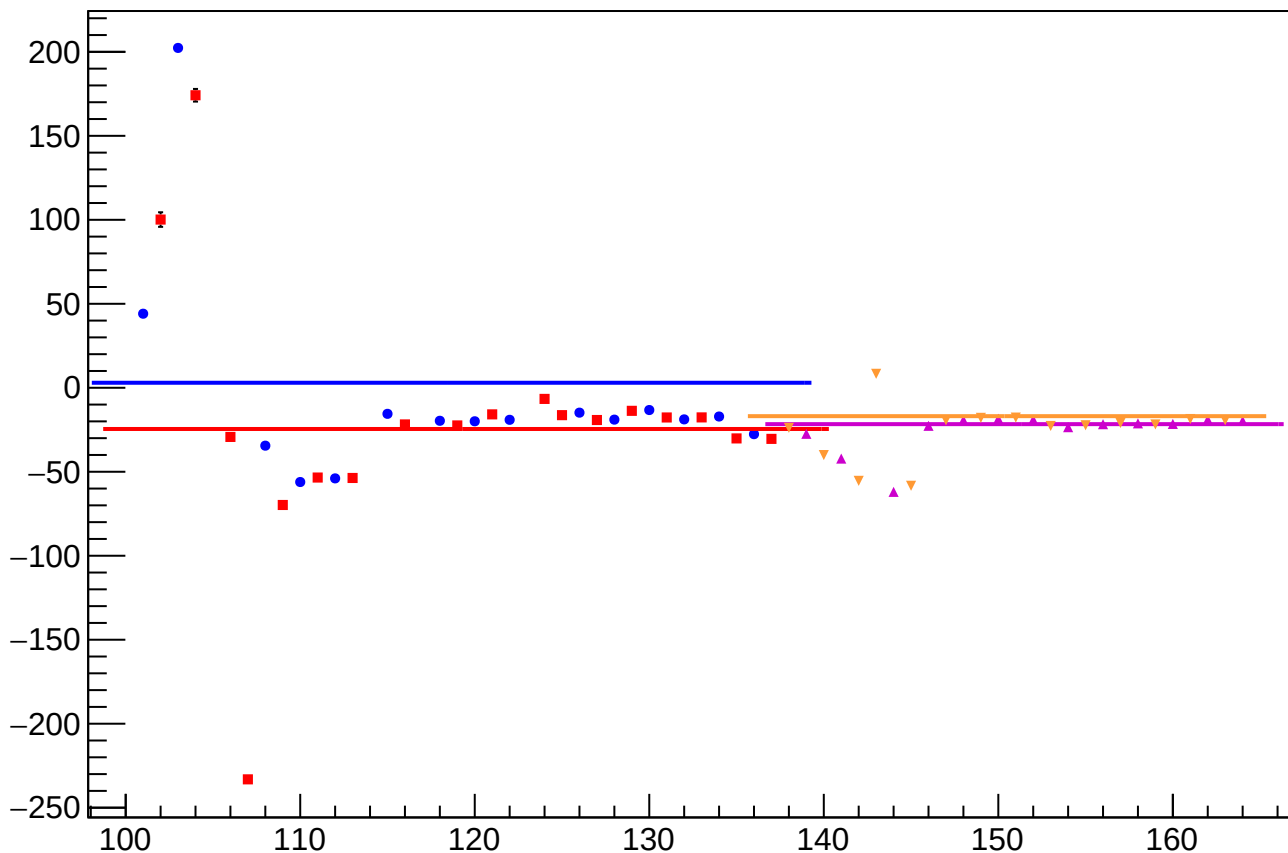
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 69.394 ± 0.096 $\chi^2/\text{NDF}: 1345243.9/27$

Out: 97.341 ± 0.093 $\chi^2/\text{NDF}: 270521.5/31$

All: 83.733 ± 0.067 $\chi^2/\text{NDF}: 1659332.2/59$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.899 ± 0.015 χ^2/NDF : 570013.4/13

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -21.650 ± 0.017 χ^2/NDF : 122577.2/12

Left: -18.943 ± 0.011 χ^2/NDF : 736524.4/26

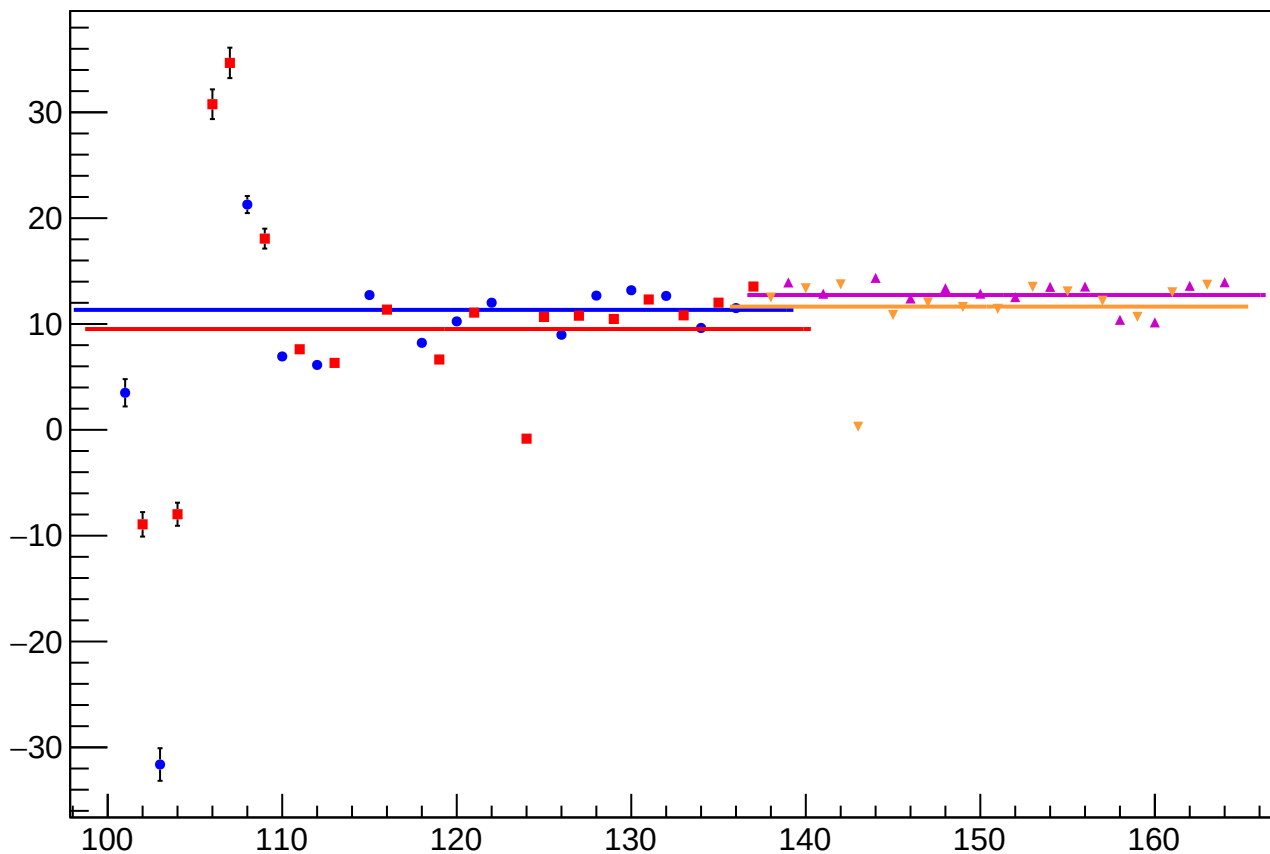
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.546 ± 0.014 χ^2/NDF : 4217141.7/27

Out: -17.693 ± 0.014 χ^2/NDF : 773937.4/31

All: -16.160 ± 0.010 χ^2/NDF : 5015438.1/59

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF : 2406.0/14

Left Out: 11.642+/-0.019 χ^2/NDF : 30087.4/13

Right Out: 9.524+/-0.048 χ^2/NDF : 4066.9/17

Left In: 12.736+/-0.017 χ^2/NDF : 4905.2/12

Left: 12.251+/-0.013 χ^2/NDF : 36865.4/26

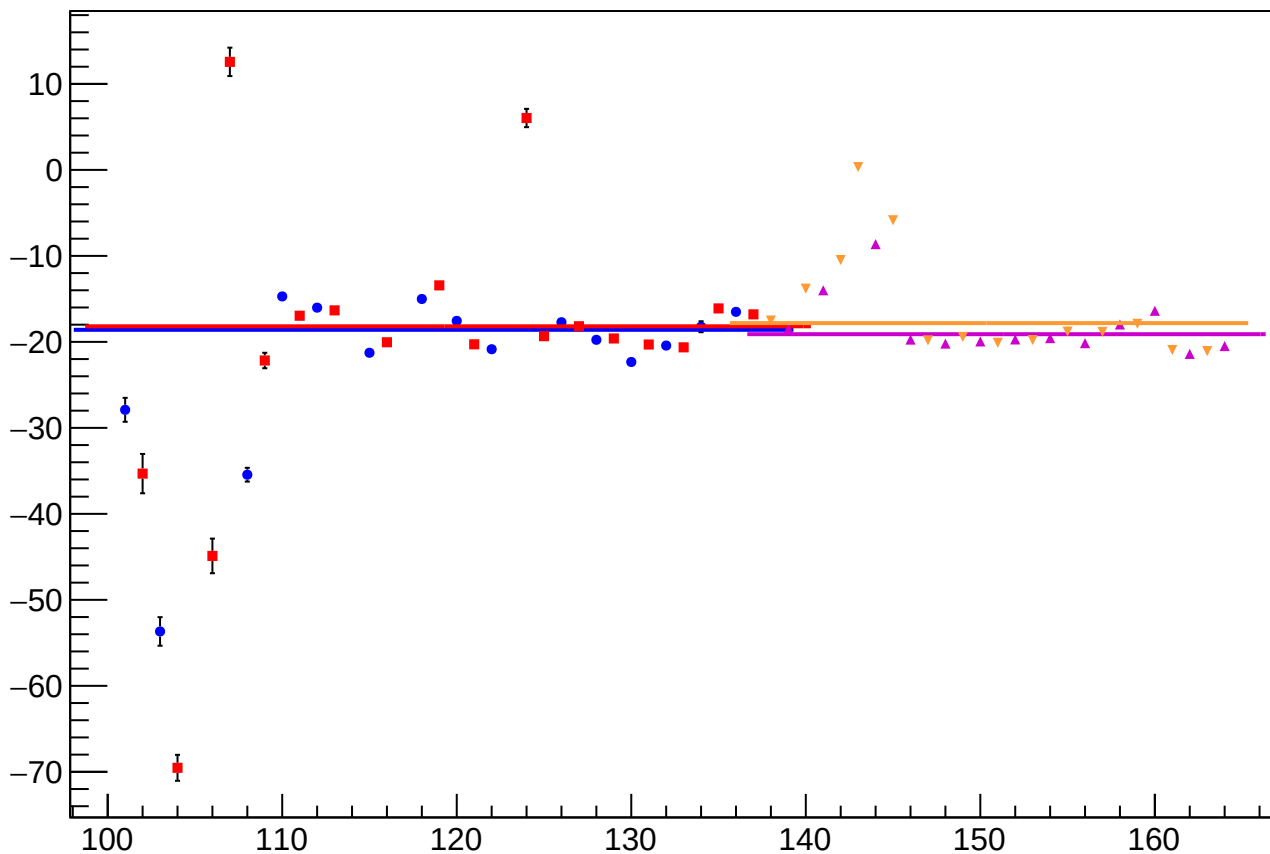
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 12.500+/-0.015 χ^2/NDF : 8481.6/27

Out: 11.359+/-0.018 χ^2/NDF : 35841.0/31

All: 12.005+/-0.012 χ^2/NDF : 46714.7/59

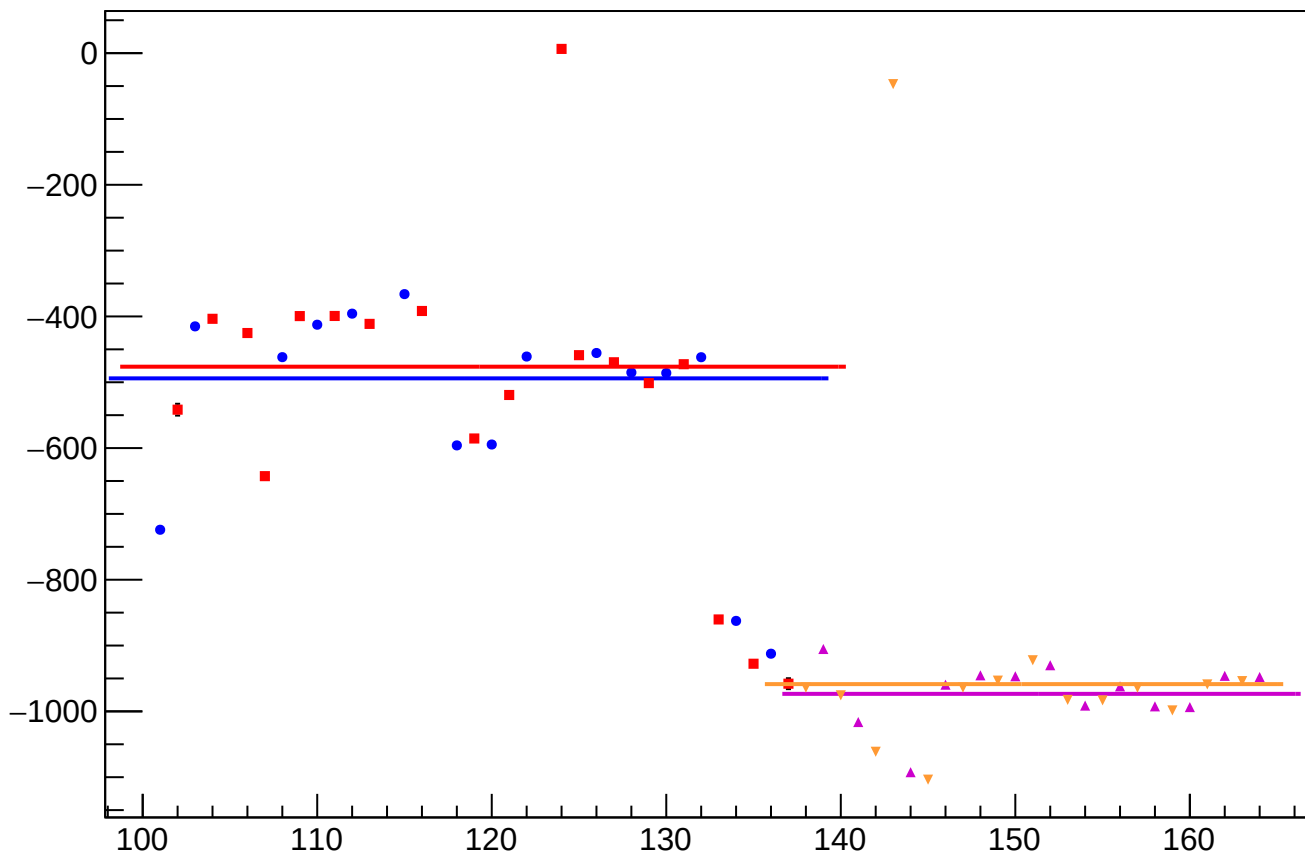
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -17.816 ± 0.021 $\chi^2/\text{NDF}: 47412.6/13$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -19.107 ± 0.020 $\chi^2/\text{NDF}: 8582.1/12$

Left: -18.503 ± 0.014 $\chi^2/\text{NDF}: 57982.5/26$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -18.994 ± 0.017 $\chi^2/\text{NDF}: 14917.8/27$
 Out: -17.874 ± 0.019 $\chi^2/\text{NDF}: 52341.8/31$
 All: -18.493 ± 0.013 $\chi^2/\text{NDF}: 69098.6/59$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -958.598 $\pm$ 0.210 χ^2 /NDF: 312227.3/13

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -973.396 $\pm$ 0.197 χ^2 /NDF: 25288.6/12

Left: -966.472 $\pm$ 0.144 χ^2 /NDF: 340152.8/26

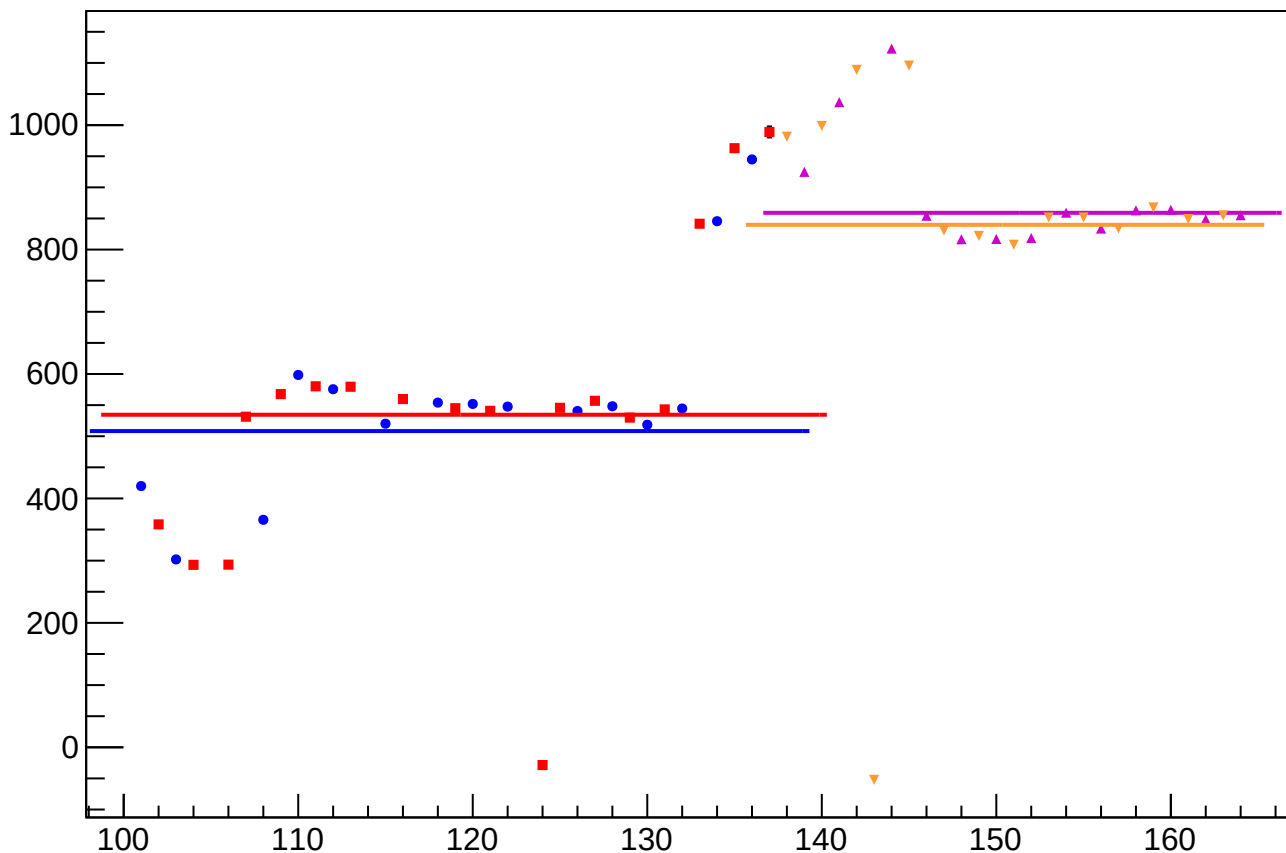
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -772.549 $\pm$ 0.150 χ^2 /NDF: 2829008.4/27

Out: -686.996 $\pm$ 0.139 χ^2 /NDF: 3870383.8/31

All: -726.431 $\pm$ 0.102 χ^2 /NDF: 6874183.2/59

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 839.782+/-0.166 χ^2/NDF :414649.3/13

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 859.083+/-0.162 χ^2/NDF :86709.9/12

Left: 849.677+/-0.116 χ^2/NDF : 508309.8/26

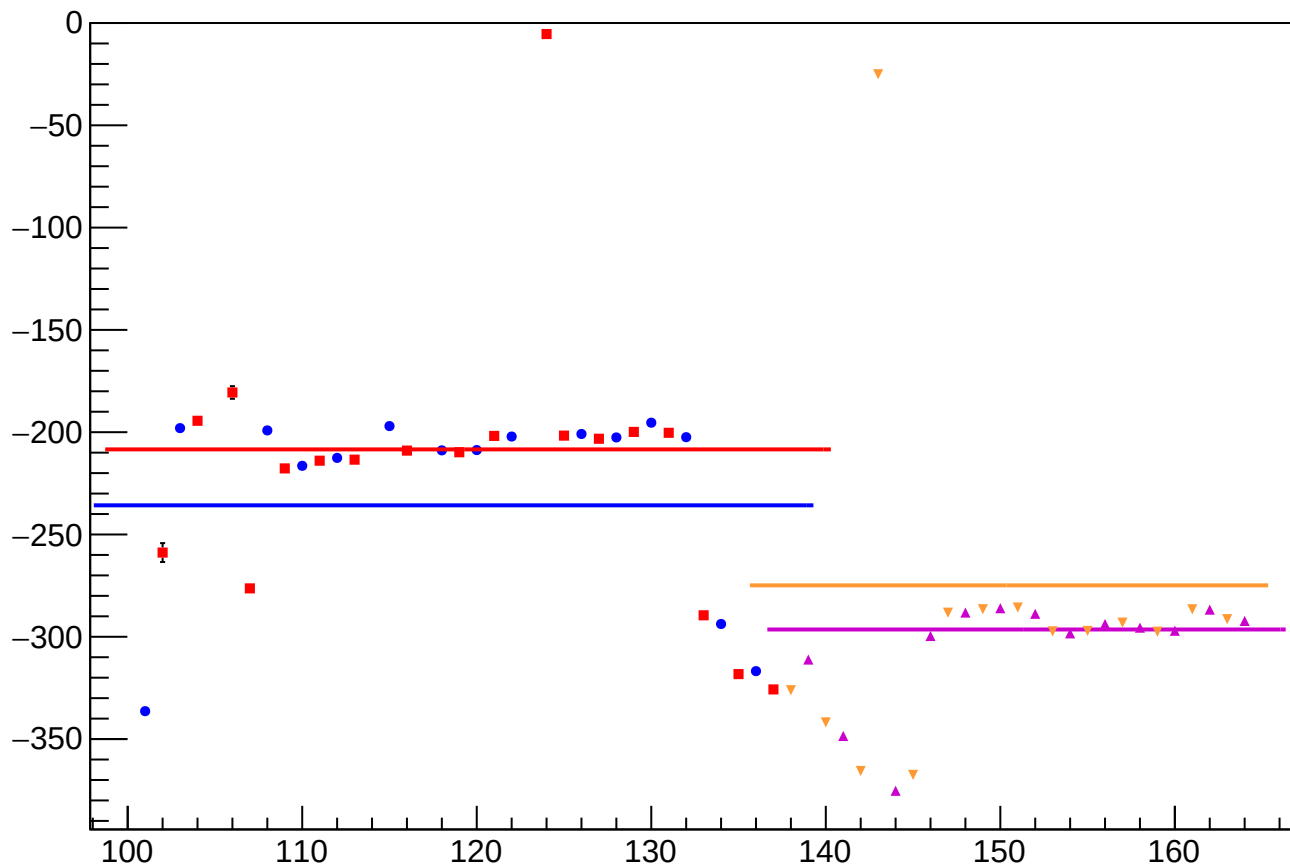
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 737.325+/-0.131 χ^2/NDF :2161551.1/27

Out: 727.414+/-0.132 χ^2/NDF :2031205.6/31

All: 732.414+/-0.093 χ^2/NDF : 4195610.8/59

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -274.863 ± 0.028 $\chi^2/\text{NDF}: 6330077.7/13$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -296.437 ± 0.027 $\chi^2/\text{NDF}: 247792.9/12$

Left: -285.759 ± 0.019 $\chi^2/\text{NDF}: 6886875.1/26$

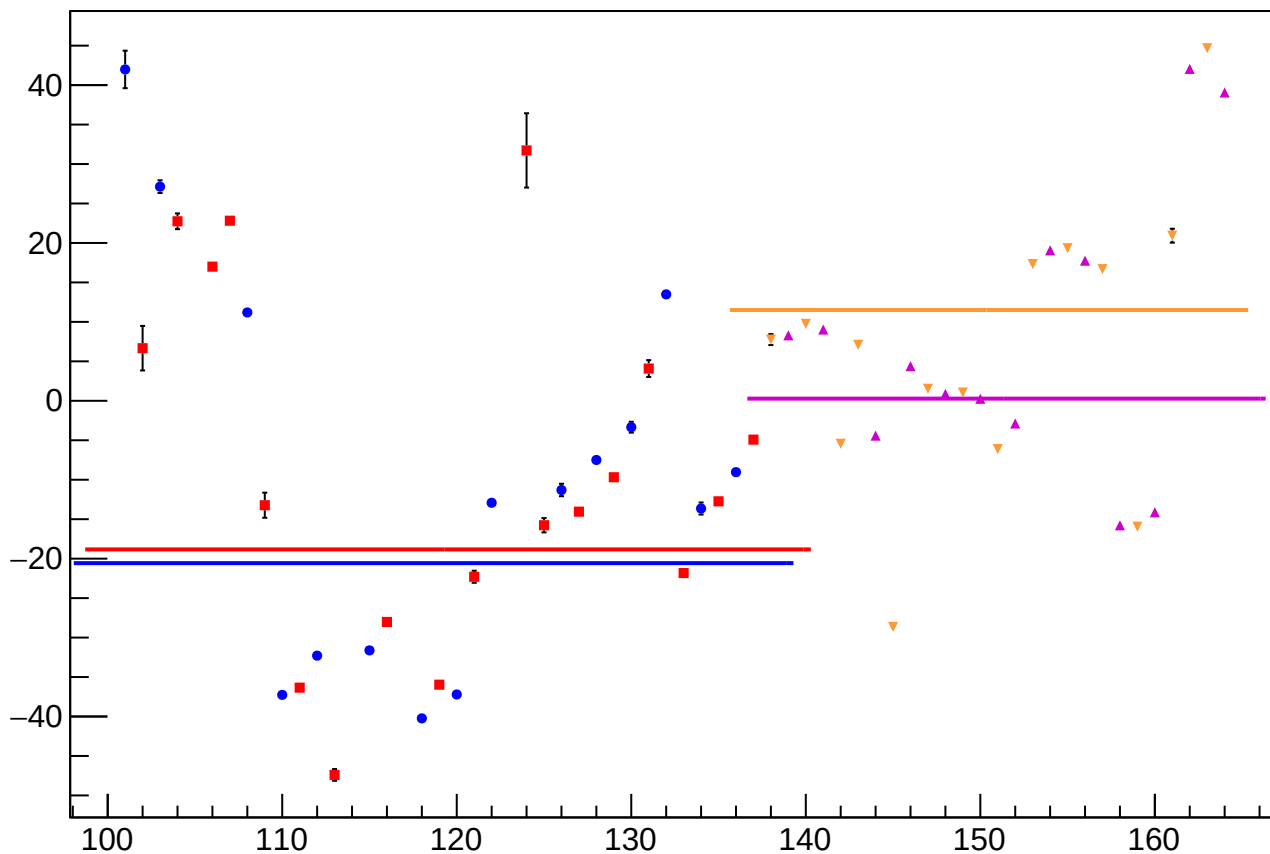
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -284.515 ± 0.024 $\chi^2/\text{NDF}: 2094497.4/27$

Out: -257.702 ± 0.024 $\chi^2/\text{NDF}: 8204024.3/31$

All: -270.708 ± 0.017 $\chi^2/\text{NDF}: 10916510.8/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 11.507 ± 0.029 χ^2/NDF : 429004.9/13

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 0.276 ± 0.023 χ^2/NDF : 578807.1/12

Left: 4.620 ± 0.018 χ^2/NDF : 1099127.3/26

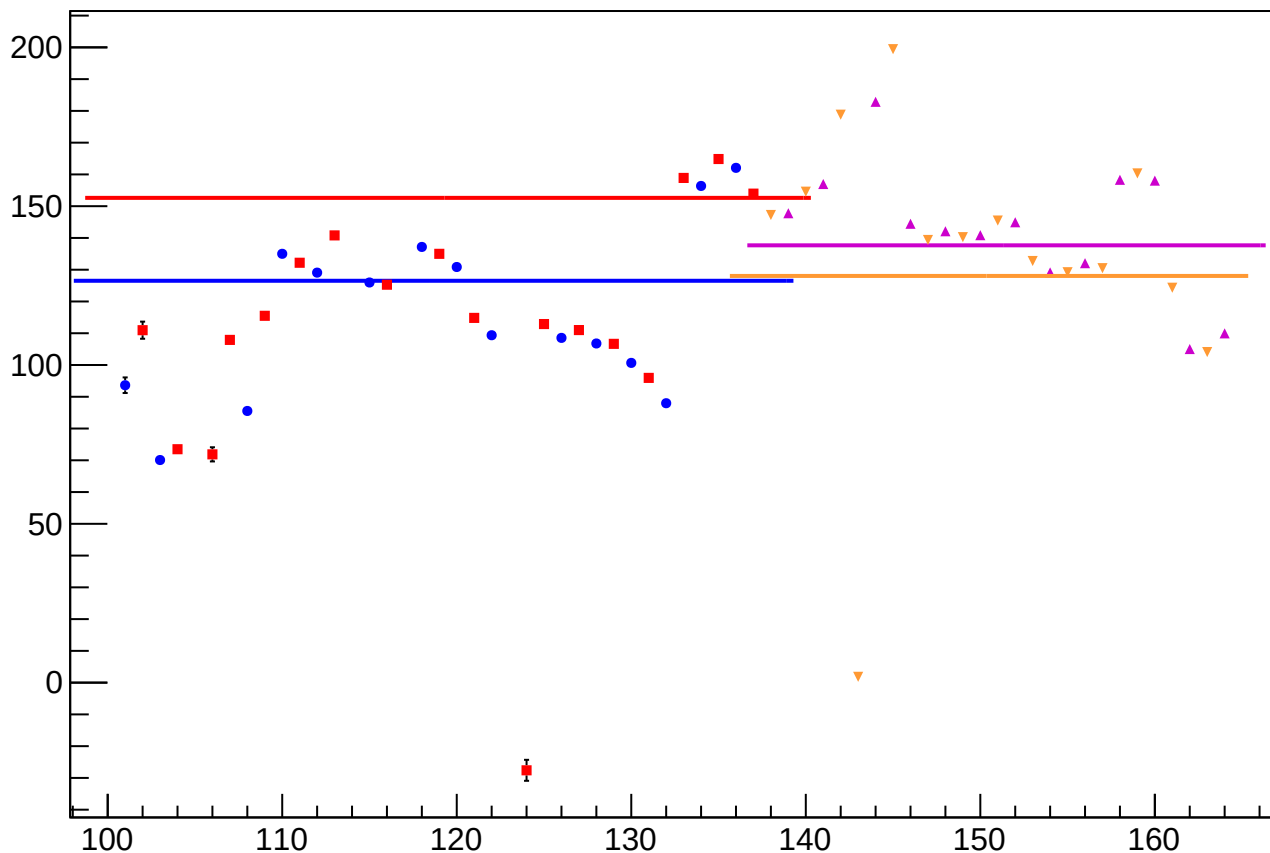
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -1.704 ± 0.022 χ^2/NDF : 719483.2/27

Out: 9.453 ± 0.028 χ^2/NDF : 523417.7/31

All: 2.533 ± 0.017 χ^2/NDF : 1340675.3/59

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 128.042 $\pm$ 0.036 χ^2 /NDF: 602023.0/13

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.676 $\pm$ 0.030 χ^2 /NDF: 351797.8/12

Left: 133.653 $\pm$ 0.023 χ^2 /NDF: 996182.6/26

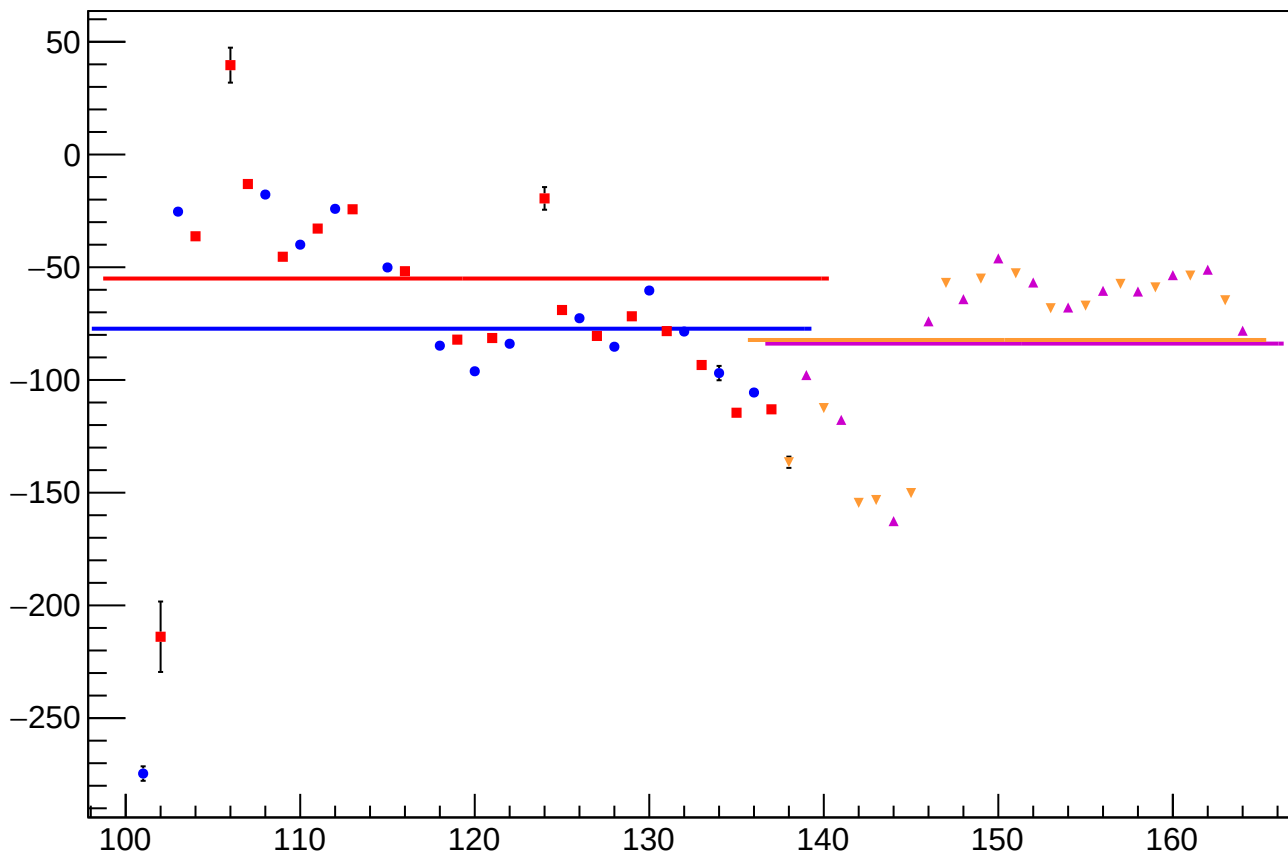
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.395 $\pm$ 0.028 χ^2 /NDF: 482387.4/27

Out: 142.316 $\pm$ 0.023 χ^2 /NDF: 950954.3/31

All: 139.961 $\pm$ 0.018 χ^2 /NDF: 1459407.1/59

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -82.268 ± 0.155 χ^2/NDF : 56642.7/13

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -83.871 ± 0.152 χ^2/NDF : 57243.1/12

Left: -83.082 ± 0.109 χ^2/NDF : 113940.2/26

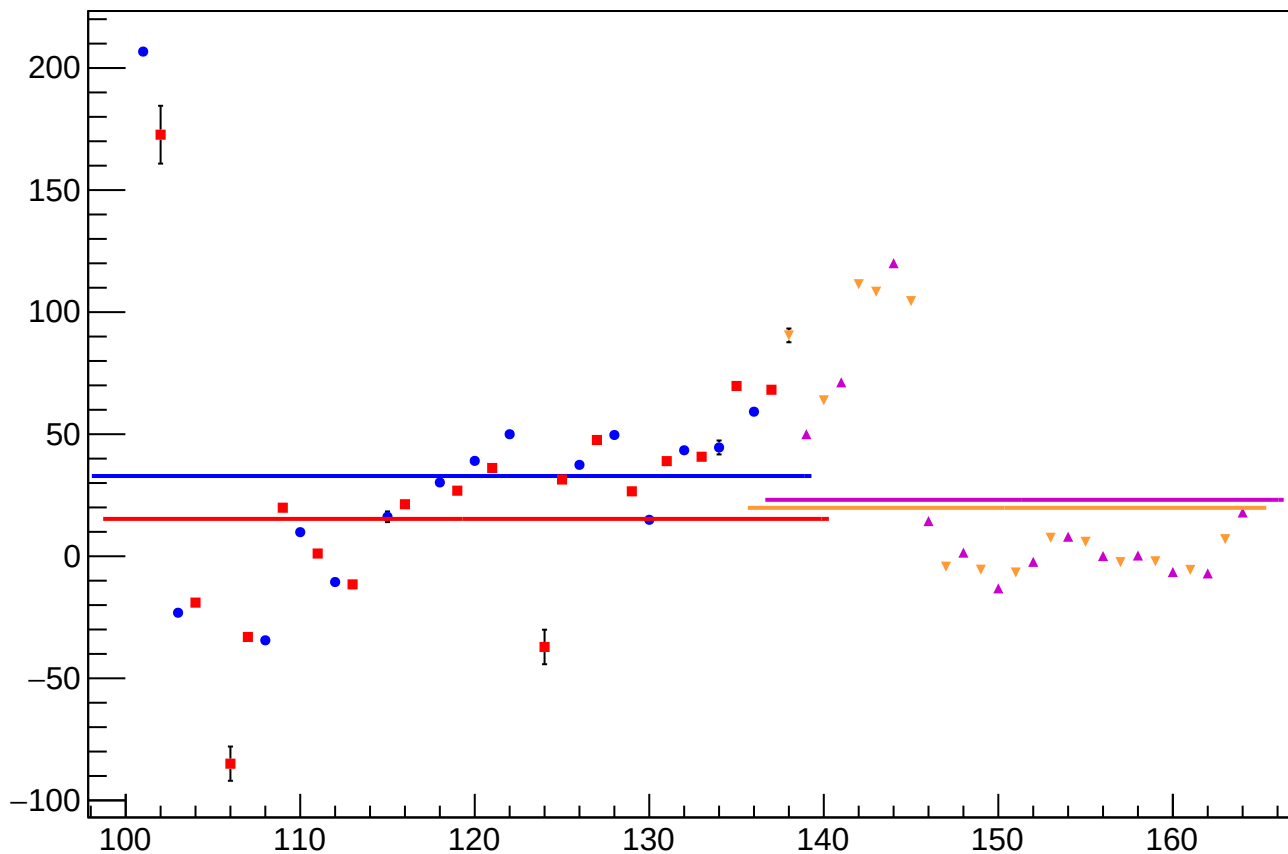
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.434 ± 0.106 χ^2/NDF : 88577.3/27

Out: -71.410 ± 0.120 χ^2/NDF : 92626.3/31

All: -76.498 ± 0.079 χ^2/NDF : 184388.5/59

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 19.841 $\pm$ 0.134 χ^2/NDF :88904.7/13

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 23.127 $\pm$ 0.134 χ^2/NDF :86387.9/12

Left: 21.478 $\pm$ 0.095 χ^2/NDF : 175594.2/26

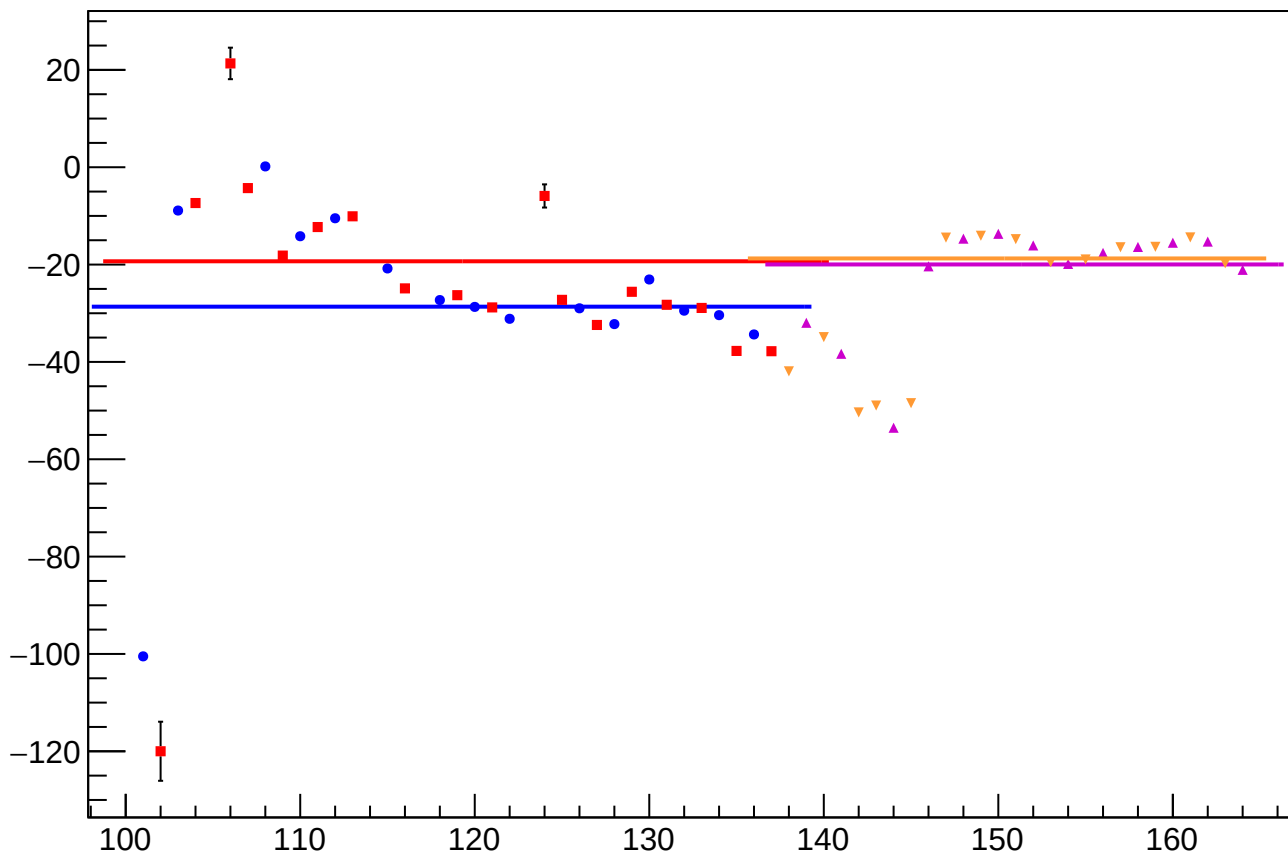
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 27.583 $\pm$ 0.099 χ^2/NDF :120196.6/27

Out: 18.533 $\pm$ 0.113 χ^2/NDF :105983.0/31

All: 23.650 $\pm$ 0.074 χ^2/NDF : 229829.5/59

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.740 ± 0.017 χ^2/NDF : 223123.1/13

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -19.974 ± 0.018 χ^2/NDF : 193140.8/12

Left: -19.338 ± 0.012 χ^2/NDF : 418771.8/26

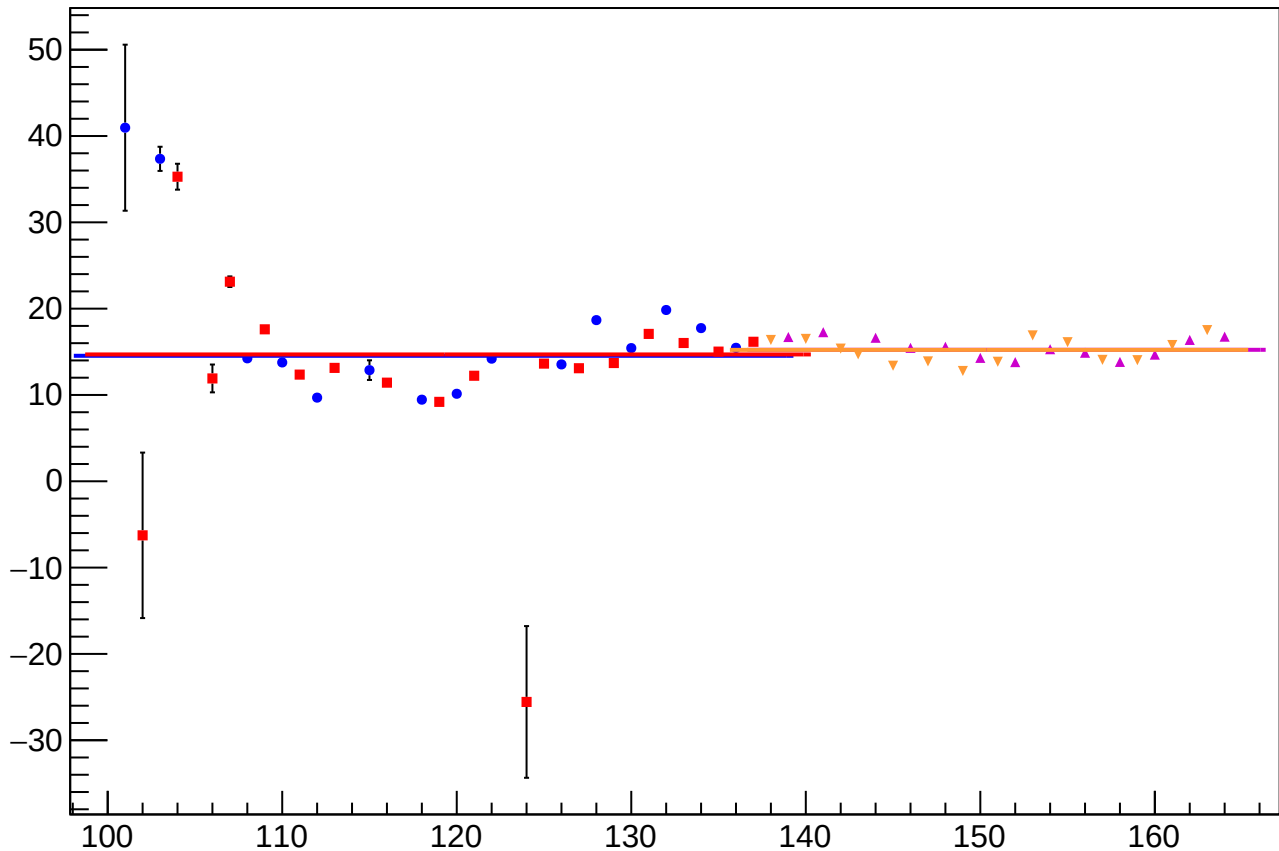
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -21.796 ± 0.016 χ^2/NDF : 357200.1/27

Out: -18.834 ± 0.016 χ^2/NDF : 279887.3/31

All: -20.316 ± 0.011 χ^2/NDF : 654857.1/59

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.224+/-0.018 χ^2/NDF : 6299.1/13

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.232+/-0.017 χ^2/NDF : 4115.1/12

Left: 15.228+/-0.012 χ^2/NDF : 10414.4/26

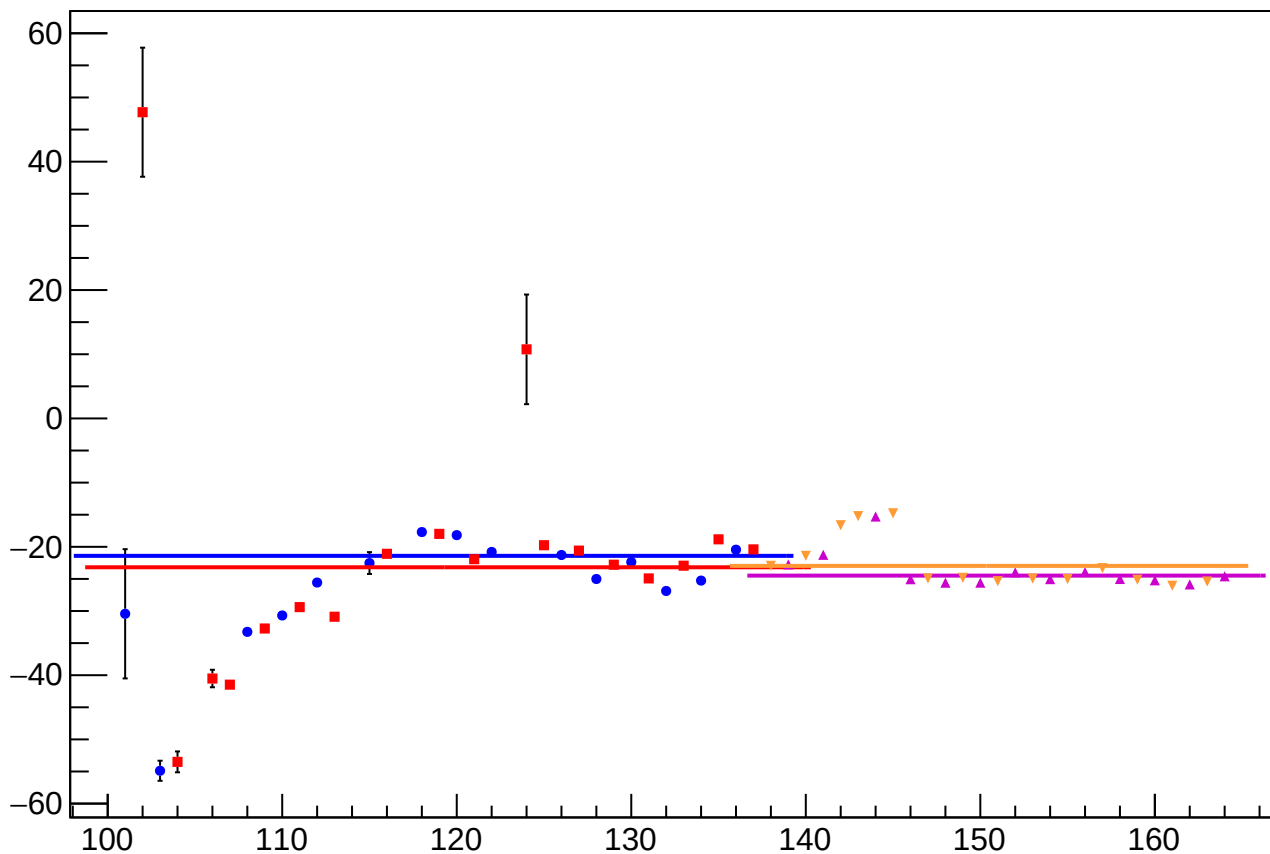
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.062+/-0.015 χ^2/NDF : 16594.9/27

Out: 15.149+/-0.016 χ^2/NDF : 8059.2/31

All: 15.101+/-0.011 χ^2/NDF : 24669.7/59

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.971 ± 0.022 $\chi^2/\text{NDF}: 29372.7/13$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.485 ± 0.020 $\chi^2/\text{NDF}: 7867.2/12$

Left: -23.797 ± 0.015 $\chi^2/\text{NDF}: 39898.5/26$

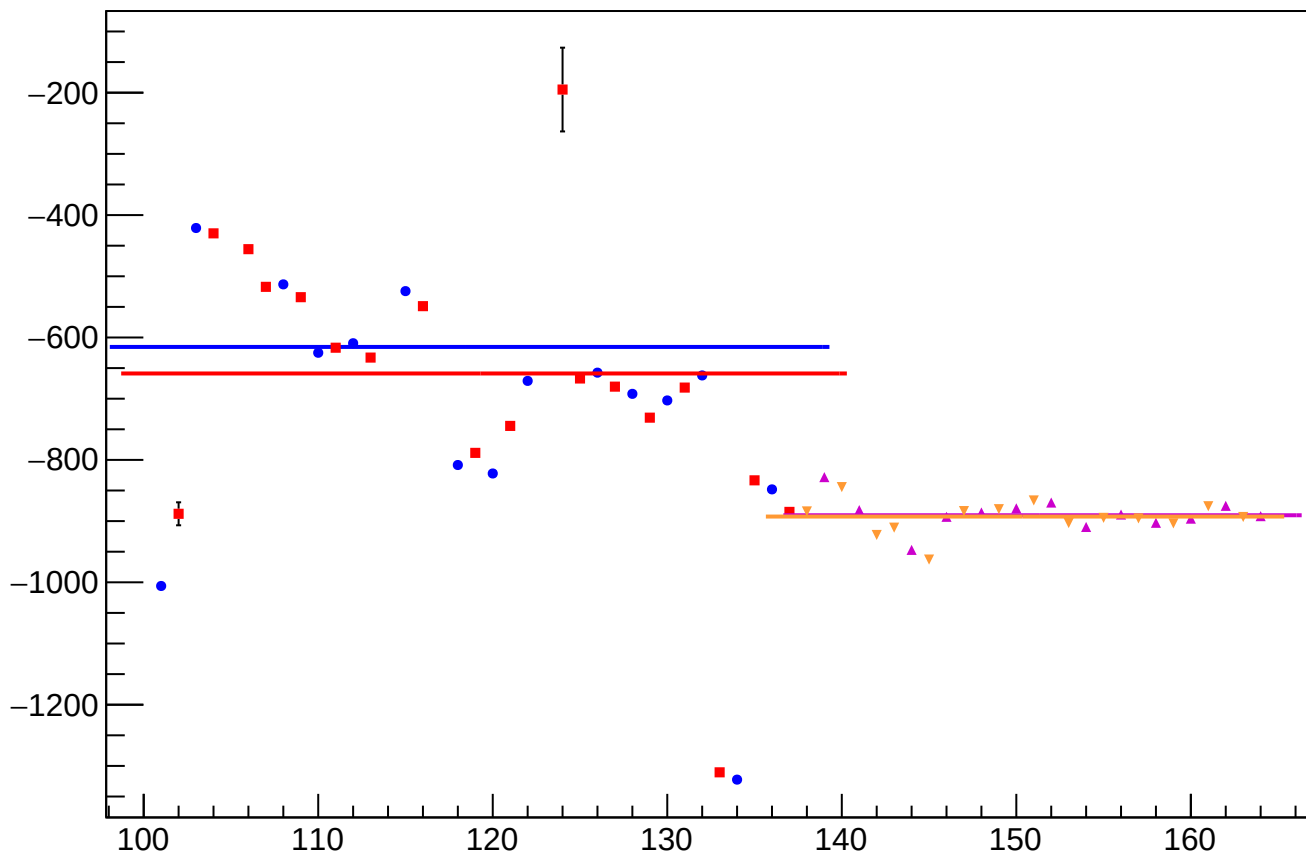
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.757 ± 0.017 $\chi^2/\text{NDF}: 23275.5/27$

Out: -23.004 ± 0.020 $\chi^2/\text{NDF}: 38514.5/31$

All: -23.434 ± 0.013 $\chi^2/\text{NDF}: 62603.1/59$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -892.565 ± 0.173 $\chi^2/\text{NDF}: 12216.1/13$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -890.437 ± 0.151 $\chi^2/\text{NDF}: 14036.5/12$

Left: -891.352 ± 0.114 $\chi^2/\text{NDF}: 26338.5/26$

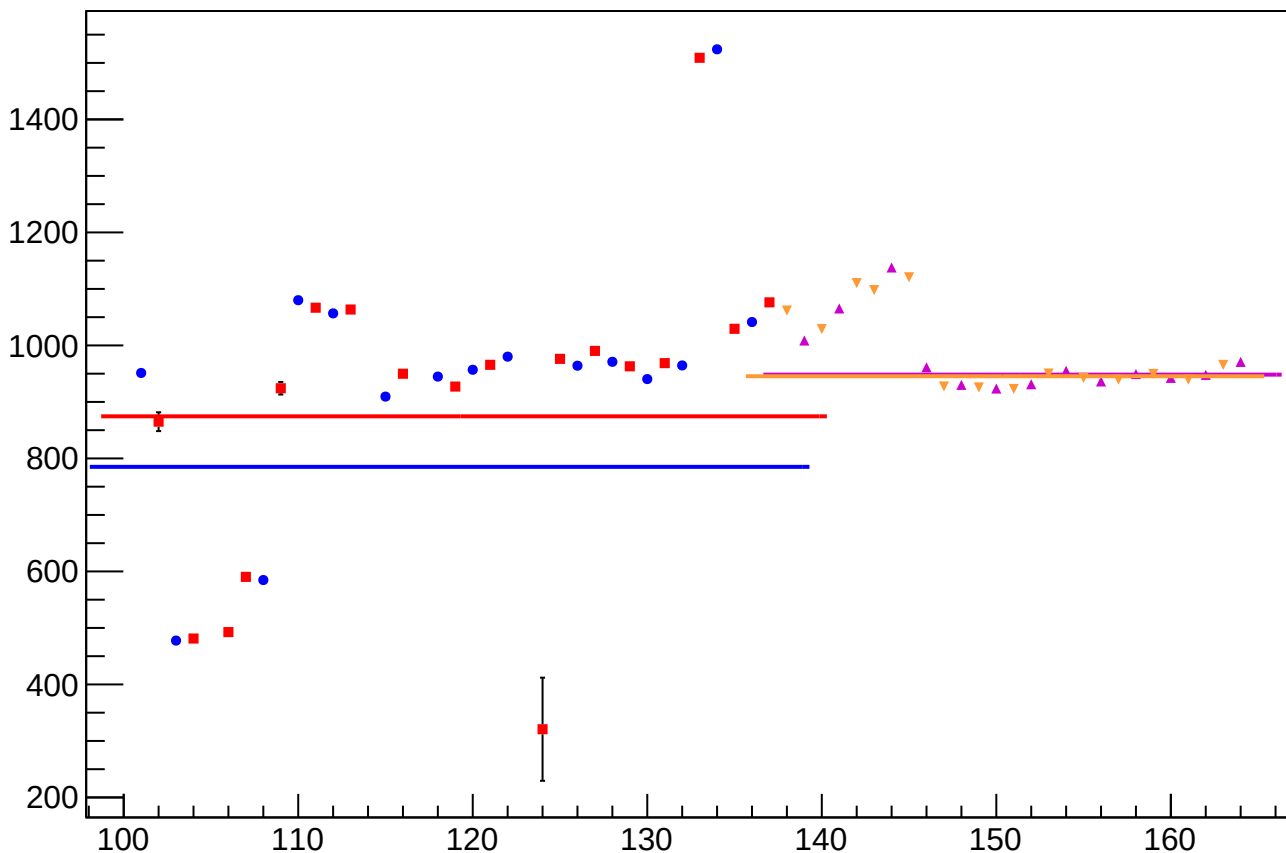
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -811.627 ± 0.127 $\chi^2/\text{NDF}: 1352675.4/27$

Out: -819.184 ± 0.144 $\chi^2/\text{NDF}: 968321.5/31$

All: -814.949 ± 0.095 $\chi^2/\text{NDF}: 2322549.1/59$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 945.452 $\pm$ 0.139 χ^2 /NDF: 69151.9/13

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 948.313 $\pm$ 0.124 χ^2 /NDF: 74898.0/12

Left: 947.054 $\pm$ 0.092 χ^2 /NDF: 144286.1/26

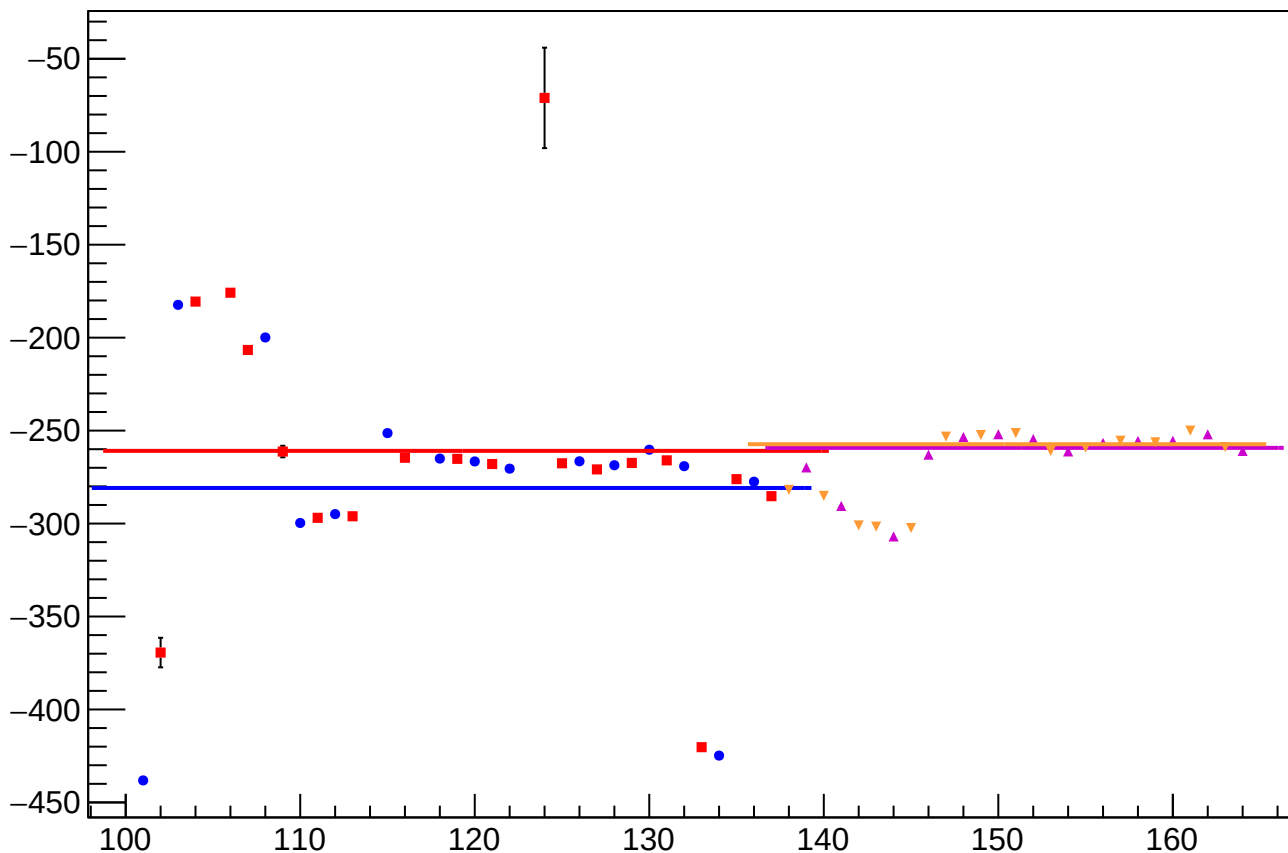
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 911.290 $\pm$ 0.109 χ^2 /NDF: 1357135.1/27

Out: 929.755 $\pm$ 0.123 χ^2 /NDF: 969124.6/31

All: 919.387 $\pm$ 0.081 χ^2 /NDF: 2338934.0/59

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -257.319+/-0.023 χ^2/NDF :168060.2/13

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -259.284+/-0.022 χ^2/NDF :186786.5/12

Left: -258.341+/-0.016 χ^2/NDF : 358695.9/26

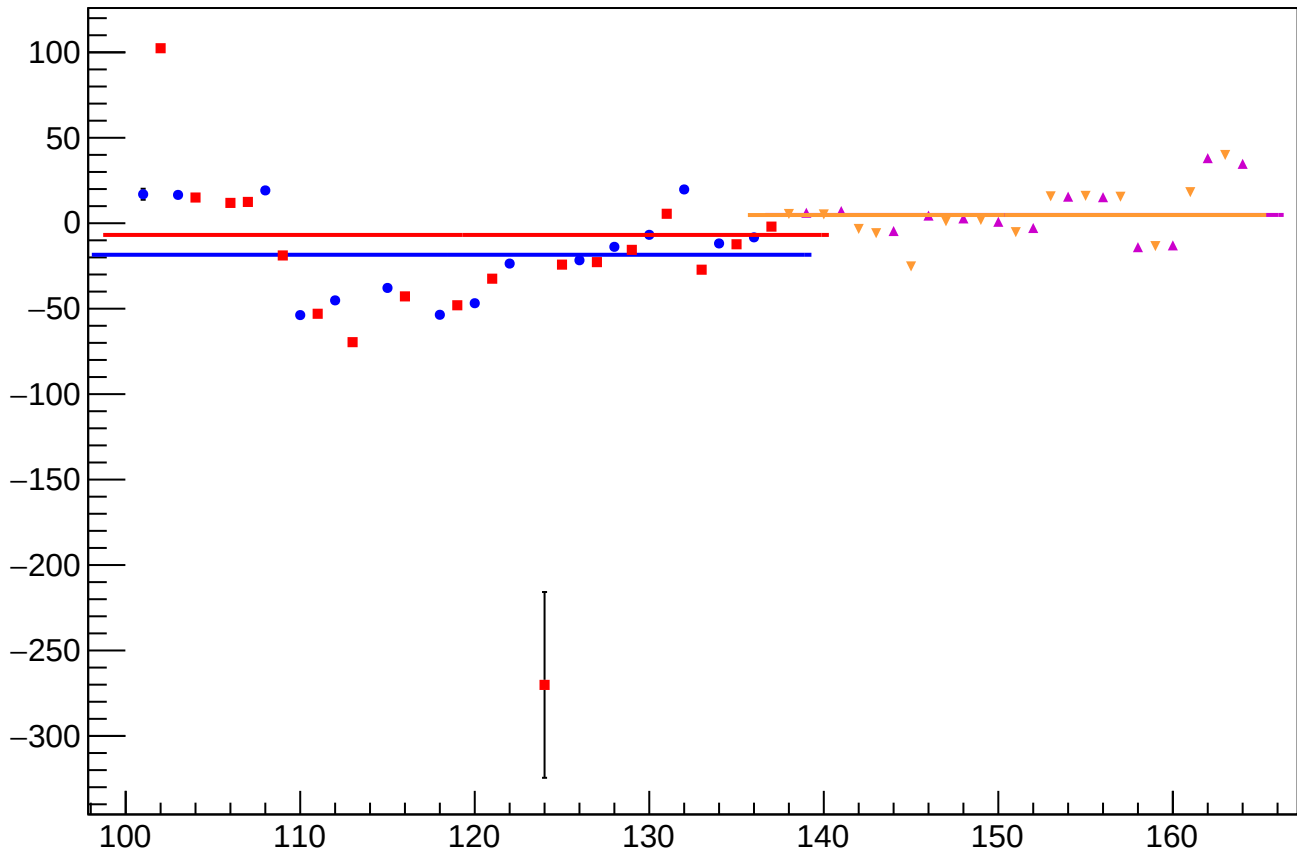
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -261.941+/-0.021 χ^2/NDF :1179492.1/27

Out: -257.686+/-0.022 χ^2/NDF :518294.5/31

All: -259.925+/-0.015 χ^2/NDF : 1718119.6/59

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 4.804 ± 0.028 $\chi^2/\text{NDF}: 315073.5/13$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 4.857 ± 0.023 $\chi^2/\text{NDF}: 392566.1/12$

Left: 4.836 ± 0.018 $\chi^2/\text{NDF}: 707641.8/26$

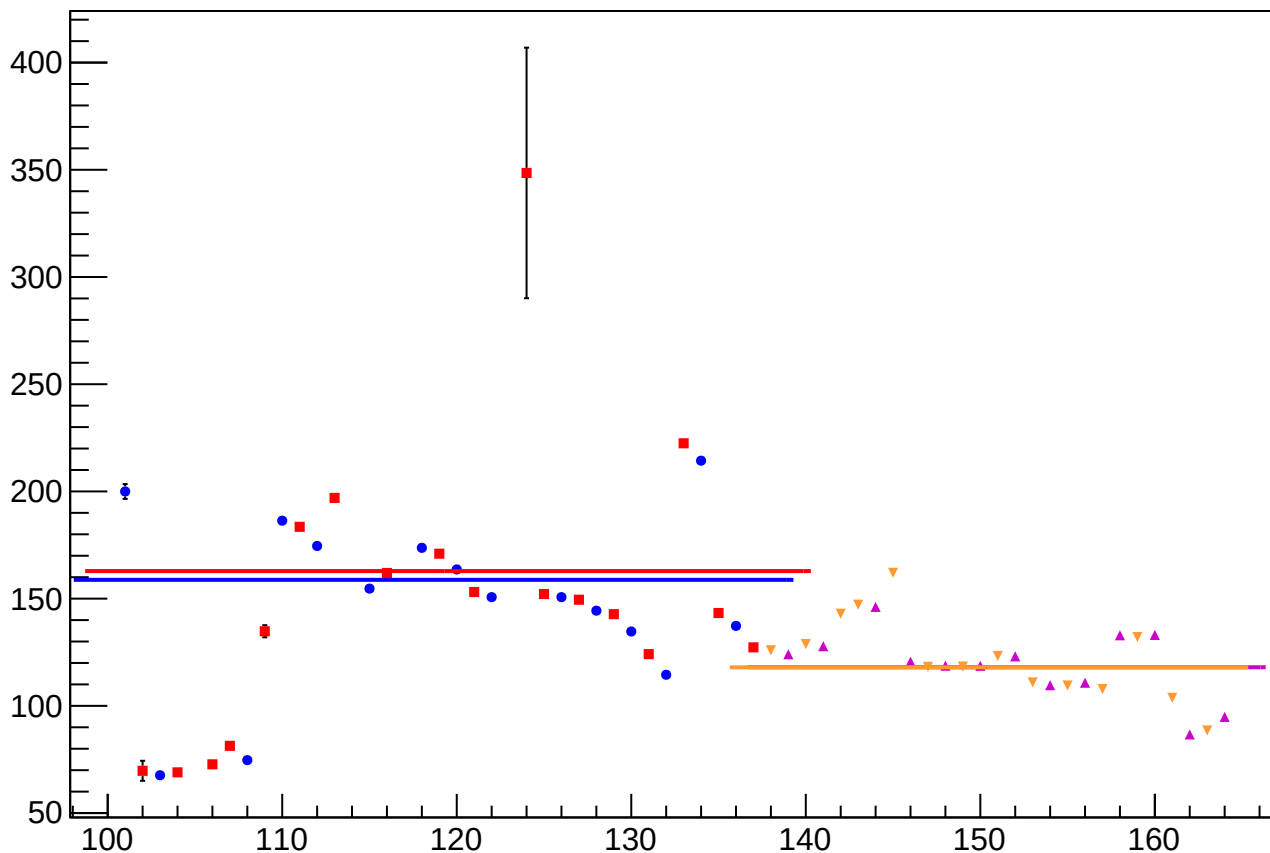
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 3.493 ± 0.022 $\chi^2/\text{NDF}: 500542.8/27$

Out: 2.980 ± 0.026 $\chi^2/\text{NDF}: 392535.3/31$

All: 3.274 ± 0.017 $\chi^2/\text{NDF}: 893308.5/59$

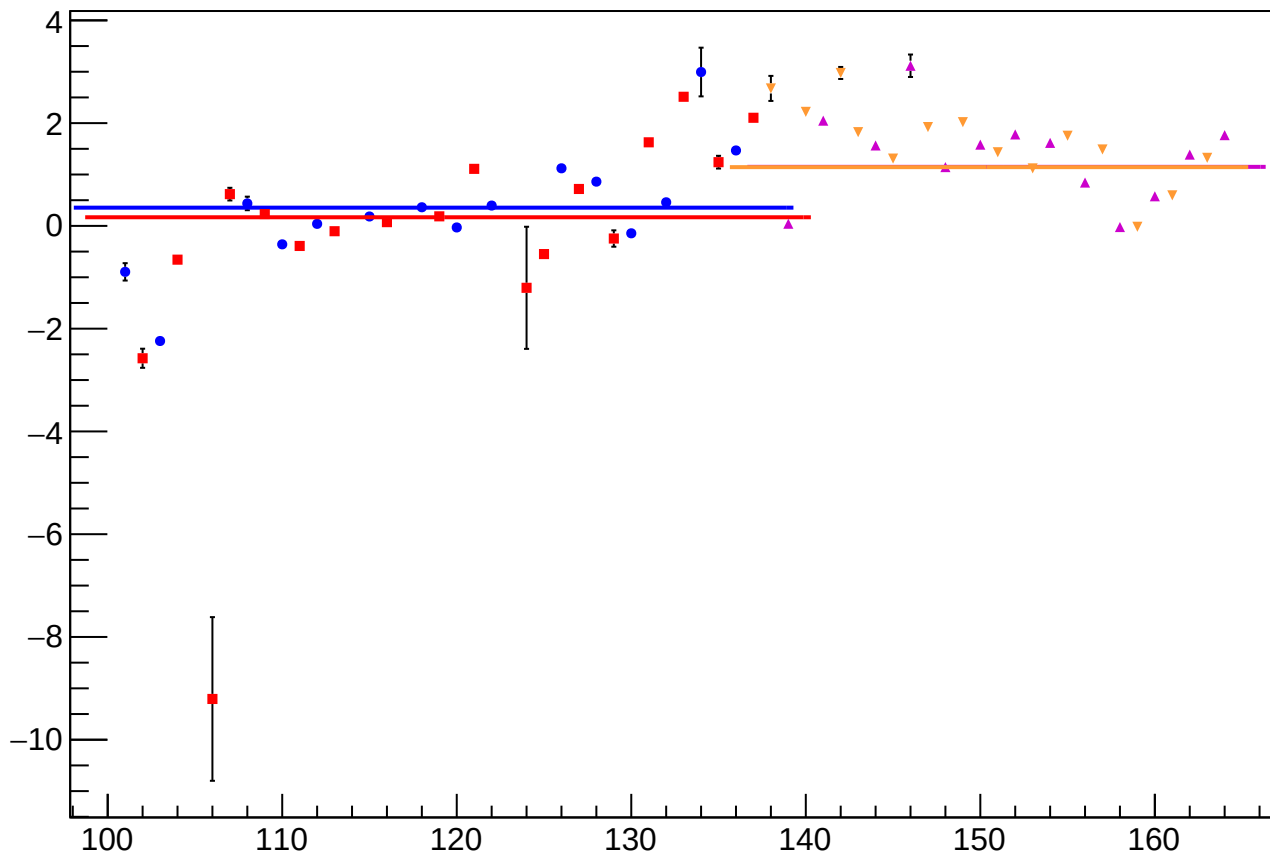
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 117.961 $\pm$ 0.032 χ^2 /NDF: 185637.9/13
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 118.010 $\pm$ 0.028 χ^2 /NDF: 258007.1/12

Left: 117.989 $\pm$ 0.021 χ^2 /NDF: 443646.3/26
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 121.695 $\pm$ 0.027 χ^2 /NDF: 610821.2/27
 Out: 122.730 $\pm$ 0.030 χ^2 /NDF: 548909.2/31
 All: 122.143 $\pm$ 0.020 χ^2 /NDF: 1160388.2/59

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.143 ± 0.012 χ^2/NDF : 4768.9/13

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.149 ± 0.009 χ^2/NDF : 6335.1/12

Left: 1.147 ± 0.007 χ^2/NDF : 11104.2/26

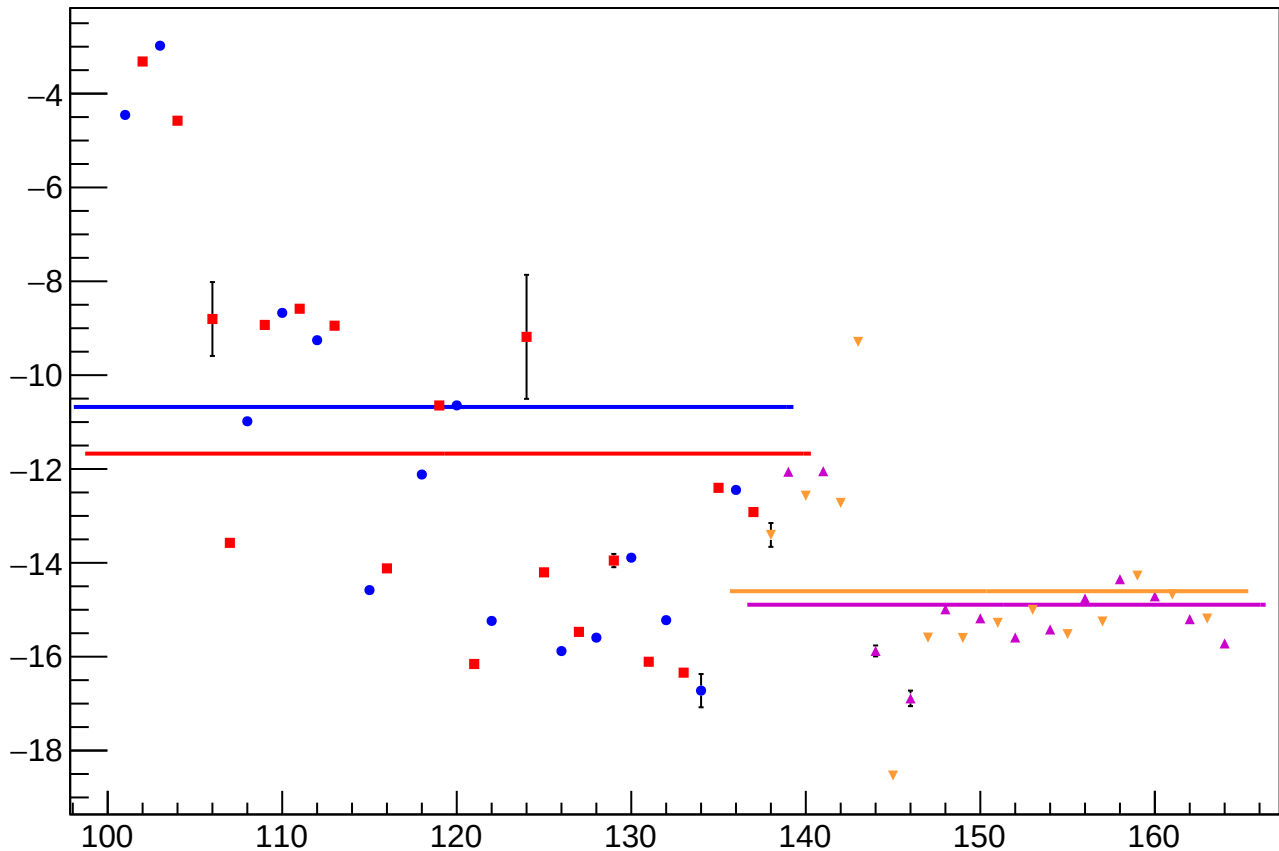
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.867 ± 0.007 χ^2/NDF : 13288.9/27

Out: 0.453 ± 0.006 χ^2/NDF : 14111.5/31

All: 0.642 ± 0.005 χ^2/NDF : 29304.4/59

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.604 $\pm$ 0.010 χ^2/NDF :29448.5/13

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -14.893 $\pm$ 0.008 χ^2/NDF :11820.3/12

Left: -14.781 $\pm$ 0.006 χ^2/NDF : 41800.8/26

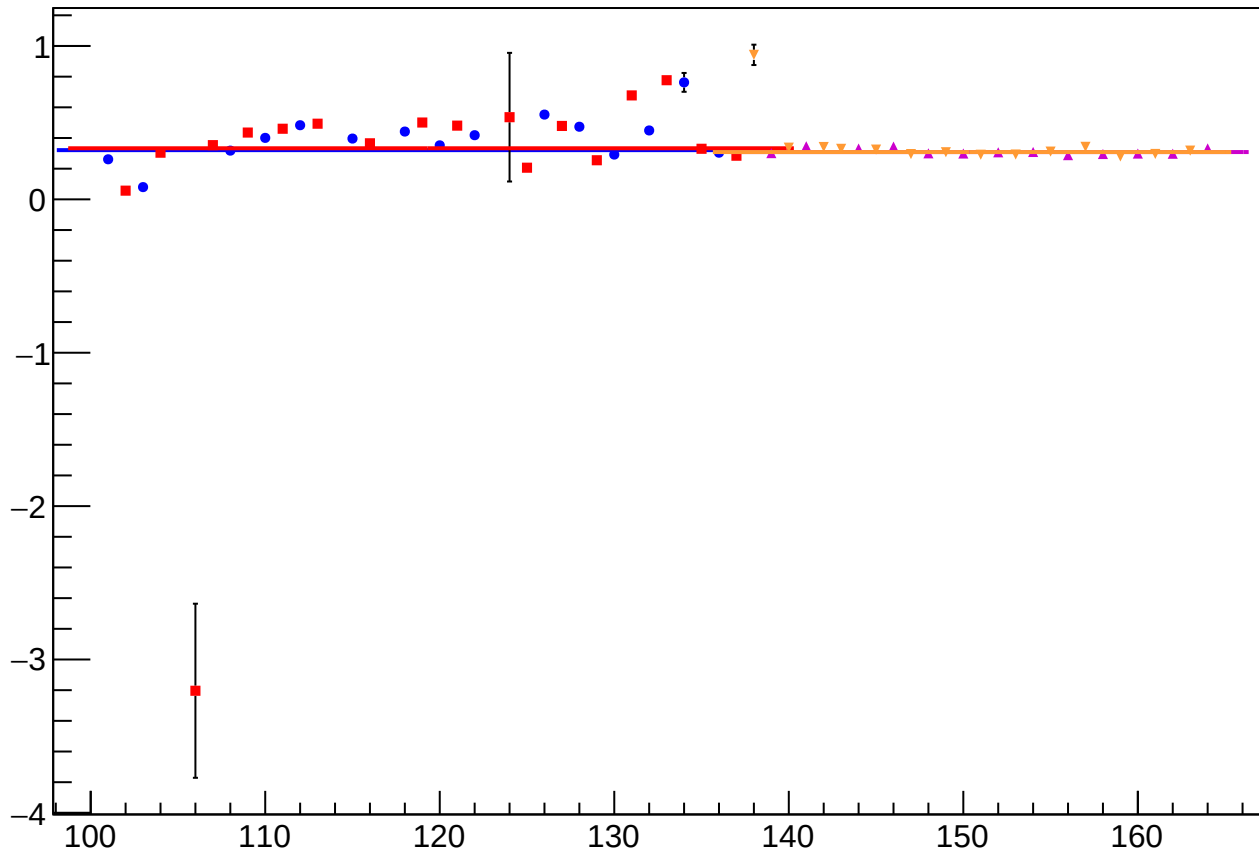
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.357 $\pm$ 0.006 χ^2/NDF :345501.9/27

Out: -13.387 $\pm$ 0.008 χ^2/NDF :174395.1/31

All: -13.369 $\pm$ 0.005 χ^2/NDF : 519906.5/59

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.308+/-0.000 χ^2/NDF : 3857.0/13

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 2343.3/12

Left: 0.308+/-0.000 χ^2/NDF : 6200.4/26

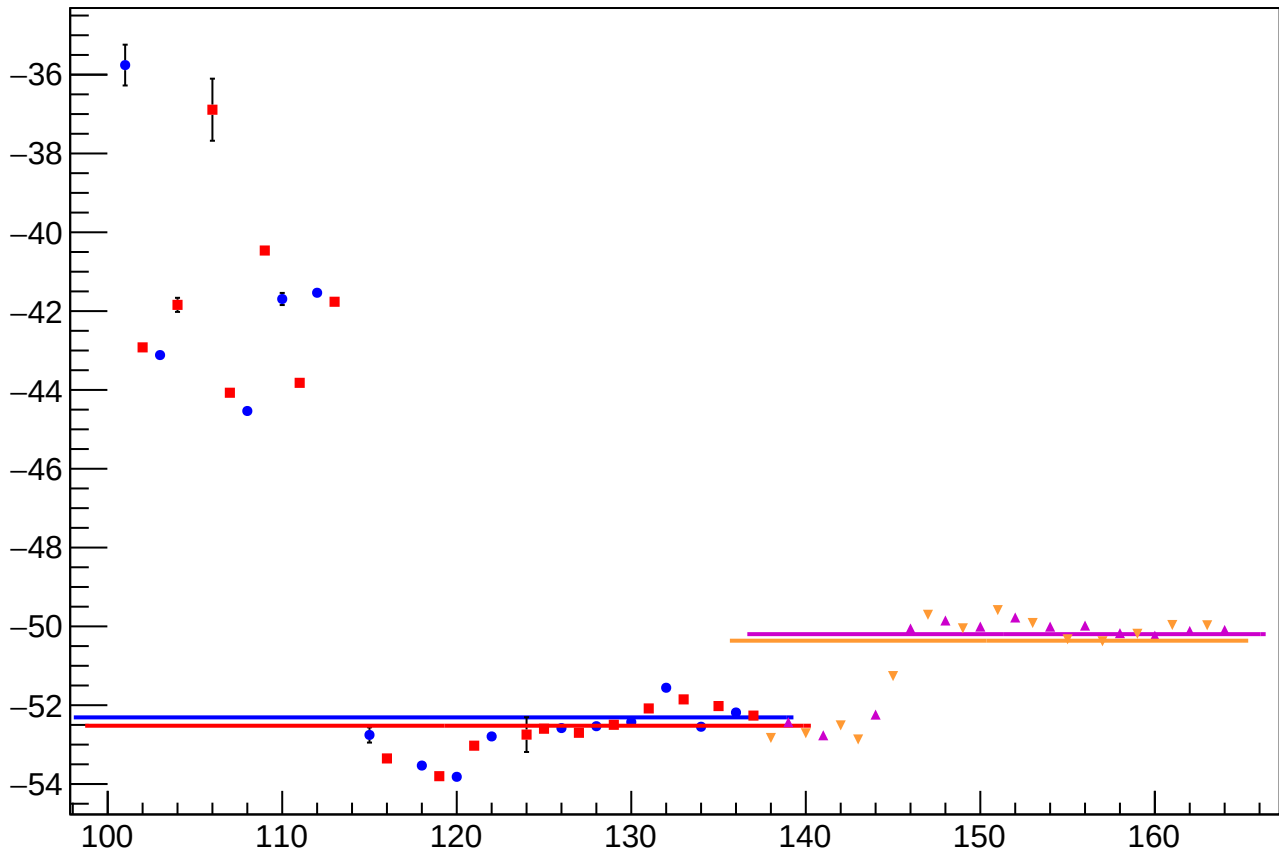
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 6522.5/27

Out: 0.310+/-0.000 χ^2/NDF : 8391.6/31

All: 0.310+/-0.000 χ^2/NDF : 14914.6/59

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309+/-0.004 χ^2/NDF : 53459.2/14

Left Out: -50.363+/-0.002 χ^2/NDF : 225444.9/13

Right Out: -52.521+/-0.005 χ^2/NDF : 76616.3/17

Left In: -50.197+/-0.002 χ^2/NDF : 155344.9/12

Left: -50.260+/-0.001 χ^2/NDF : 385012.7/26

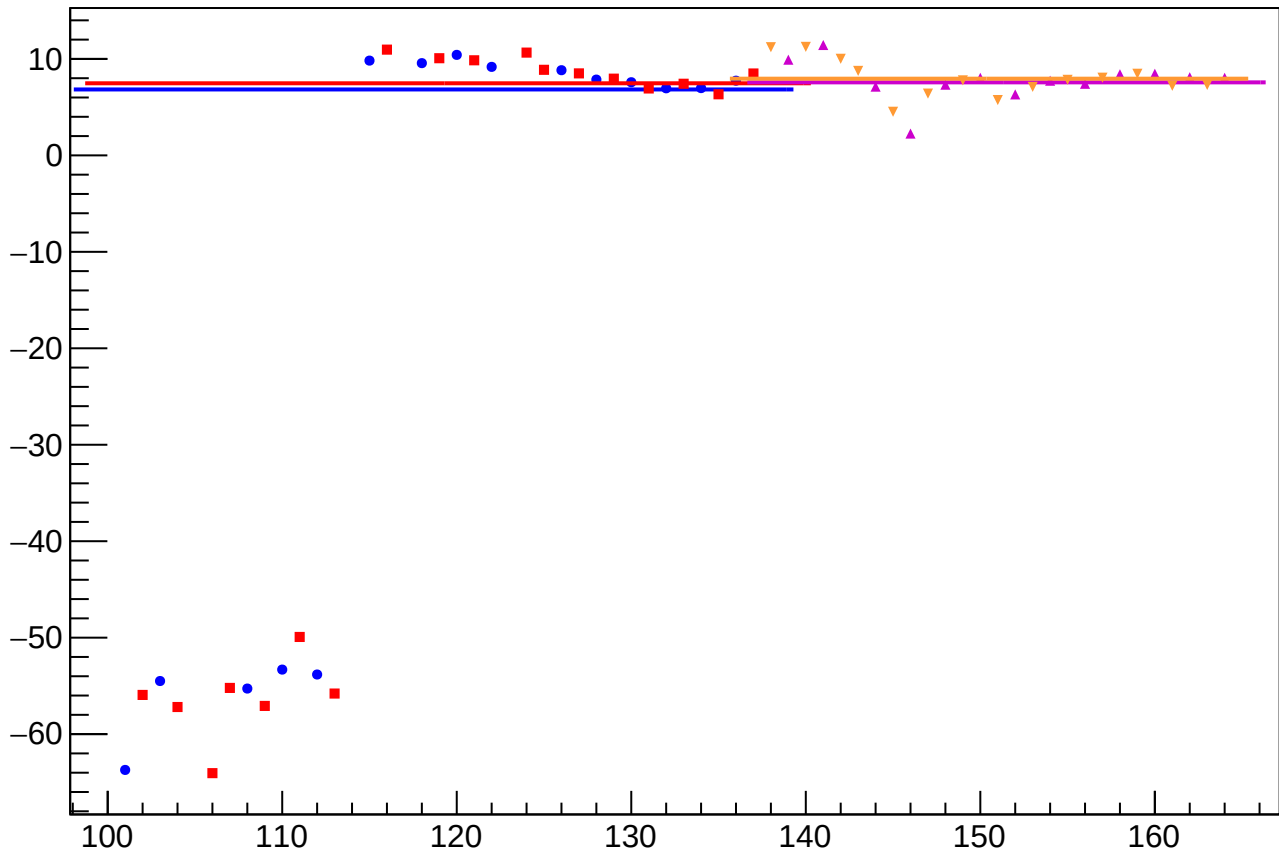
Right: -52.410+/-0.003 χ^2/NDF : 131177.9/32

In: -50.437+/-0.001 χ^2/NDF : 411747.7/27

Out: -50.708+/-0.002 χ^2/NDF : 486546.1/31

All: -50.544+/-0.001 χ^2/NDF : 911370.5/59

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 χ^2/NDF : 990576.4/14

Left Out: 7.951 ± 0.005 χ^2/NDF : 79529.3/13

Right Out: 7.474 ± 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.569 ± 0.004 χ^2/NDF : 100034.5/12

Left: 7.721 ± 0.003 χ^2/NDF : 183791.7/26

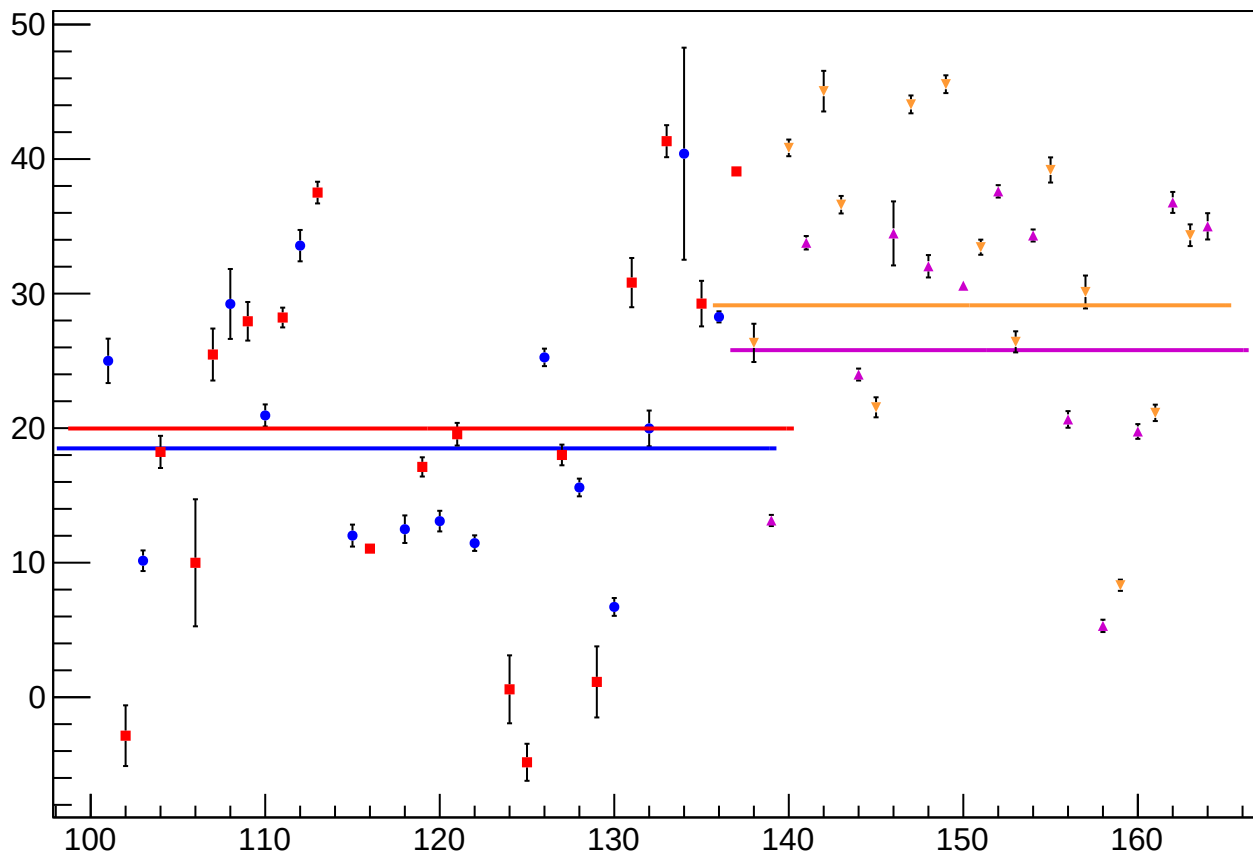
Right: 6.980 ± 0.004 χ^2/NDF : 2189734.1/32

In: 7.313 ± 0.003 χ^2/NDF : 1104364.5/27

Out: 7.858 ± 0.004 χ^2/NDF : 1277152.9/31

All: 7.502 ± 0.002 χ^2/NDF : 2393082.8/59

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 29.130 ± 0.186 $\chi^2/\text{NDF}: 4718.9/13$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 25.797 ± 0.143 $\chi^2/\text{NDF}: 4983.1/12$

Left: 27.030 ± 0.113 $\chi^2/\text{NDF}: 9903.9/26$

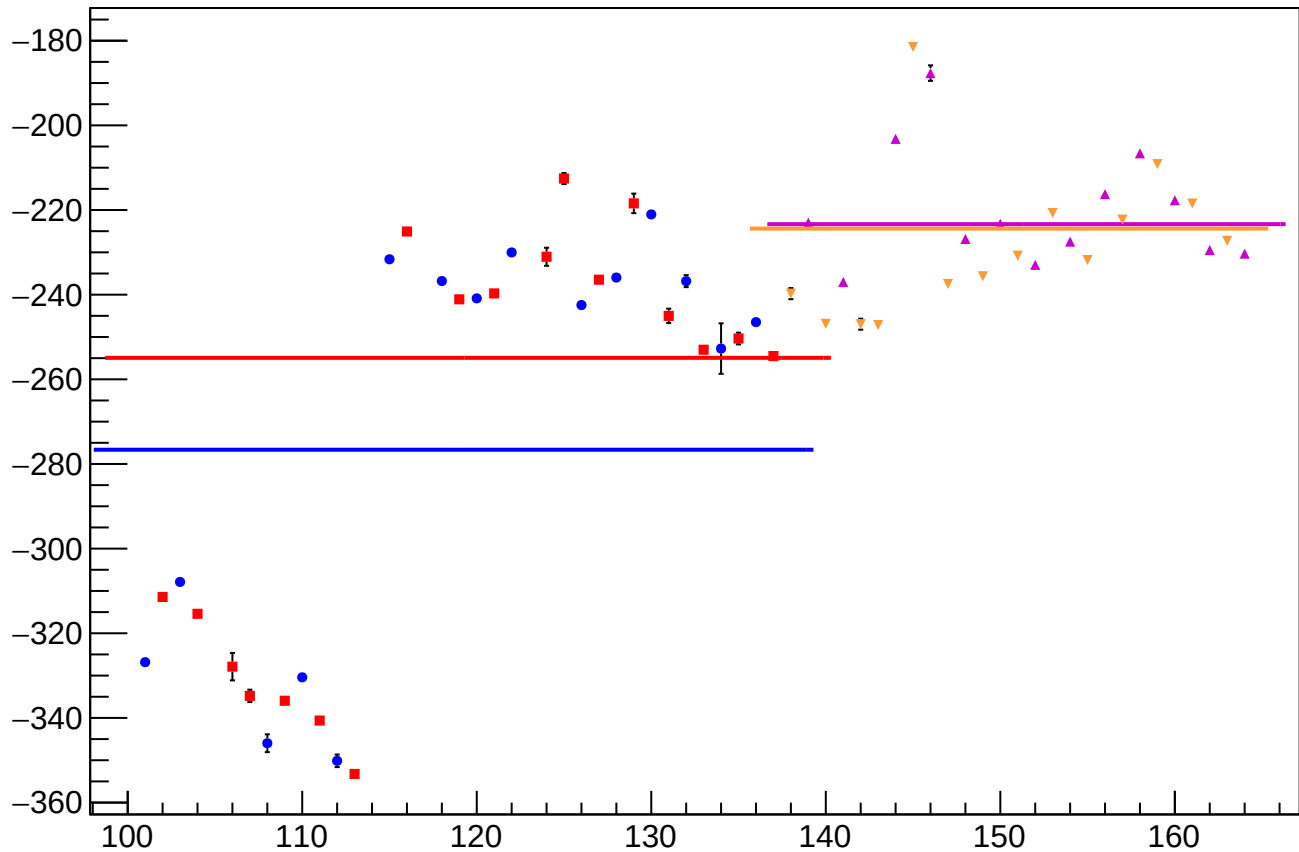
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 23.335 ± 0.116 $\chi^2/\text{NDF}: 7502.7/27$

Out: 22.979 ± 0.107 $\chi^2/\text{NDF}: 15544.1/31$

All: 23.142 ± 0.079 $\chi^2/\text{NDF}: 23051.9/59$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -224.390 $\pm$ 0.151 χ^2 /NDF:13820.3/13

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -223.339 $\pm$ 0.123 χ^2 /NDF:4849.2/12

Left: -223.756 $\pm$ 0.095 χ^2 /NDF: 18698.7/26

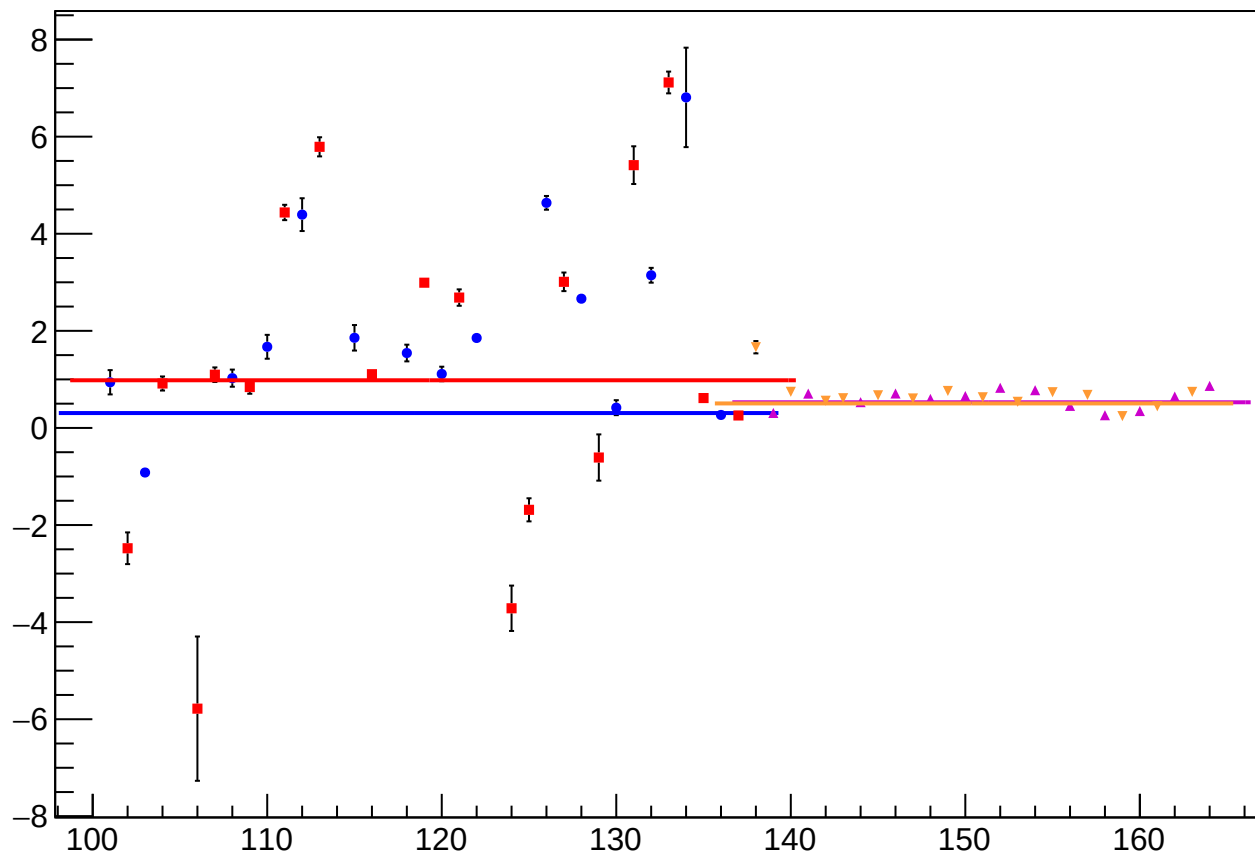
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -245.092 $\pm$ 0.094 χ^2 /NDF:159196.1/27

Out: -249.375 $\pm$ 0.064 χ^2 /NDF:119144.1/31

All: -248.011 $\pm$ 0.053 χ^2 /NDF: 279746.8/59

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.505 $\pm$ 0.002 χ^2 /NDF: 7994.5/13

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.529 $\pm$ 0.002 χ^2 /NDF: 13185.8/12

Left: 0.519 $\pm$ 0.002 χ^2 /NDF: 21240.8/26

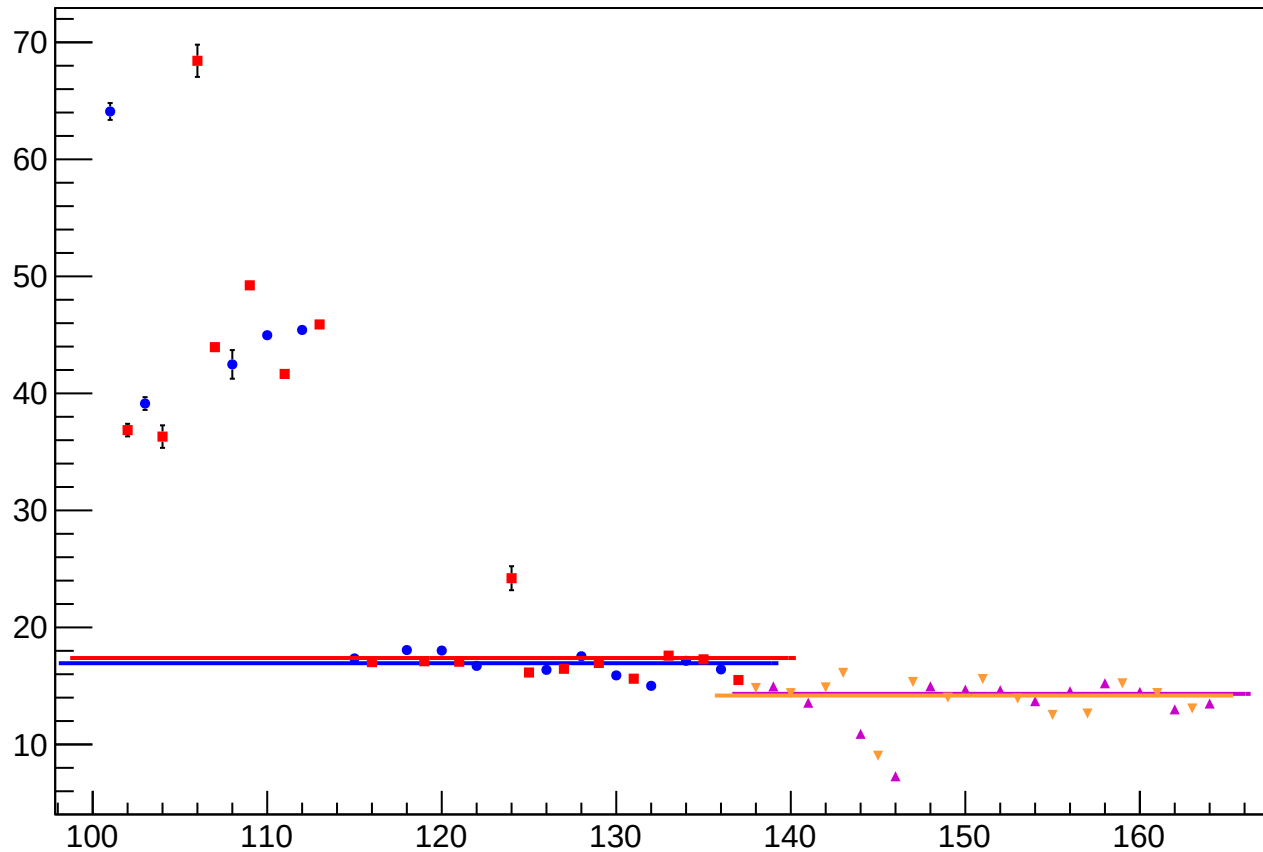
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.511 $\pm$ 0.002 χ^2 /NDF: 16999.9/27

Out: 0.517 $\pm$ 0.002 χ^2 /NDF: 12399.9/31

All: 0.513 $\pm$ 0.001 χ^2 /NDF: 29404.0/59

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.179 ± 0.010 $\chi^2/\text{NDF}: 50075.8/13$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.324 ± 0.010 $\chi^2/\text{NDF}: 8754.7/12$

Left: 14.251 ± 0.007 $\chi^2/\text{NDF}: 58944.3/26$

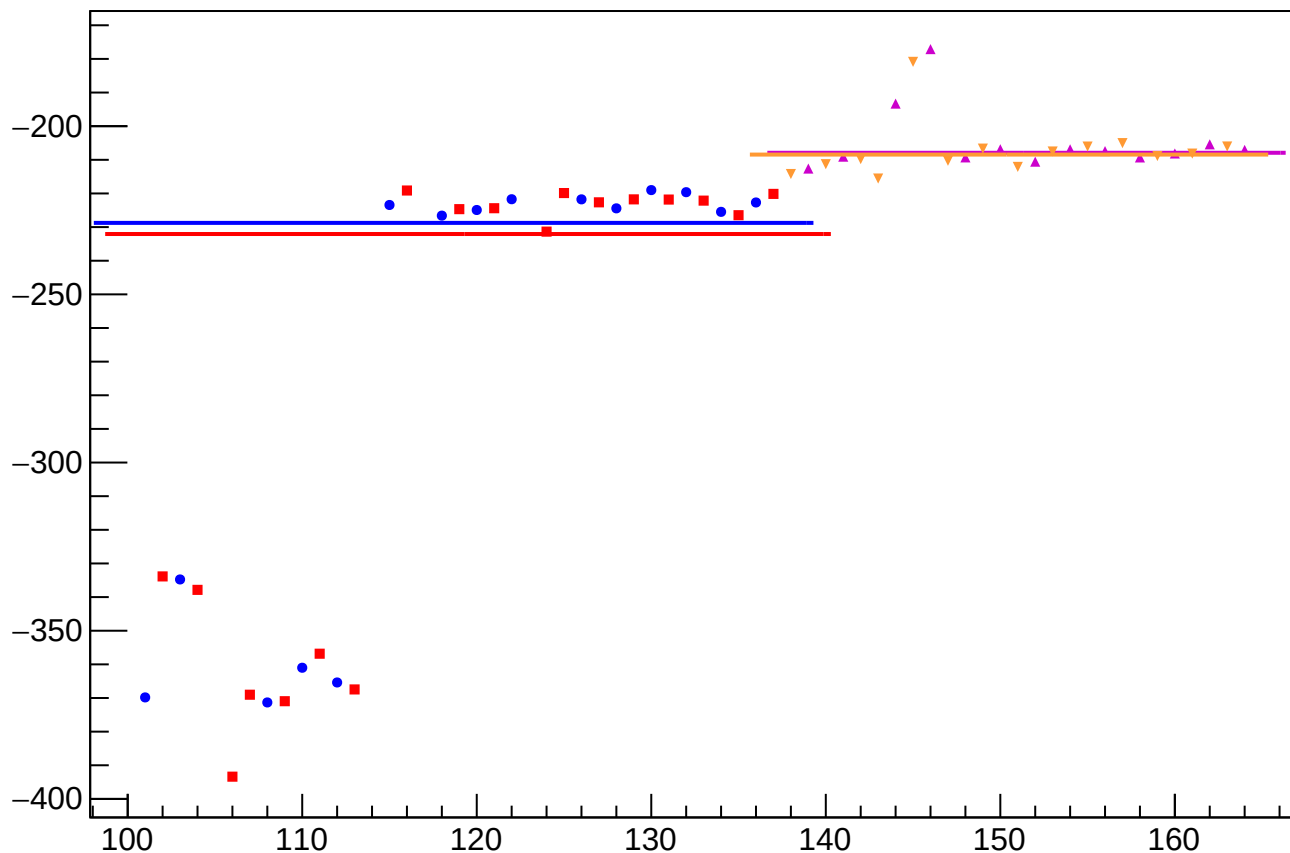
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.258 ± 0.008 $\chi^2/\text{NDF}: 64374.5/27$

Out: 14.913 ± 0.008 $\chi^2/\text{NDF}: 136828.6/31$

All: 15.101 ± 0.006 $\chi^2/\text{NDF}: 202120.2/59$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.442 ± 0.019 $\chi^2/\text{NDF}: 75035.6/13$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -207.908 ± 0.018 $\chi^2/\text{NDF}: 15952.2/12$

Left: -208.155 ± 0.013 $\chi^2/\text{NDF}: 91411.0/26$

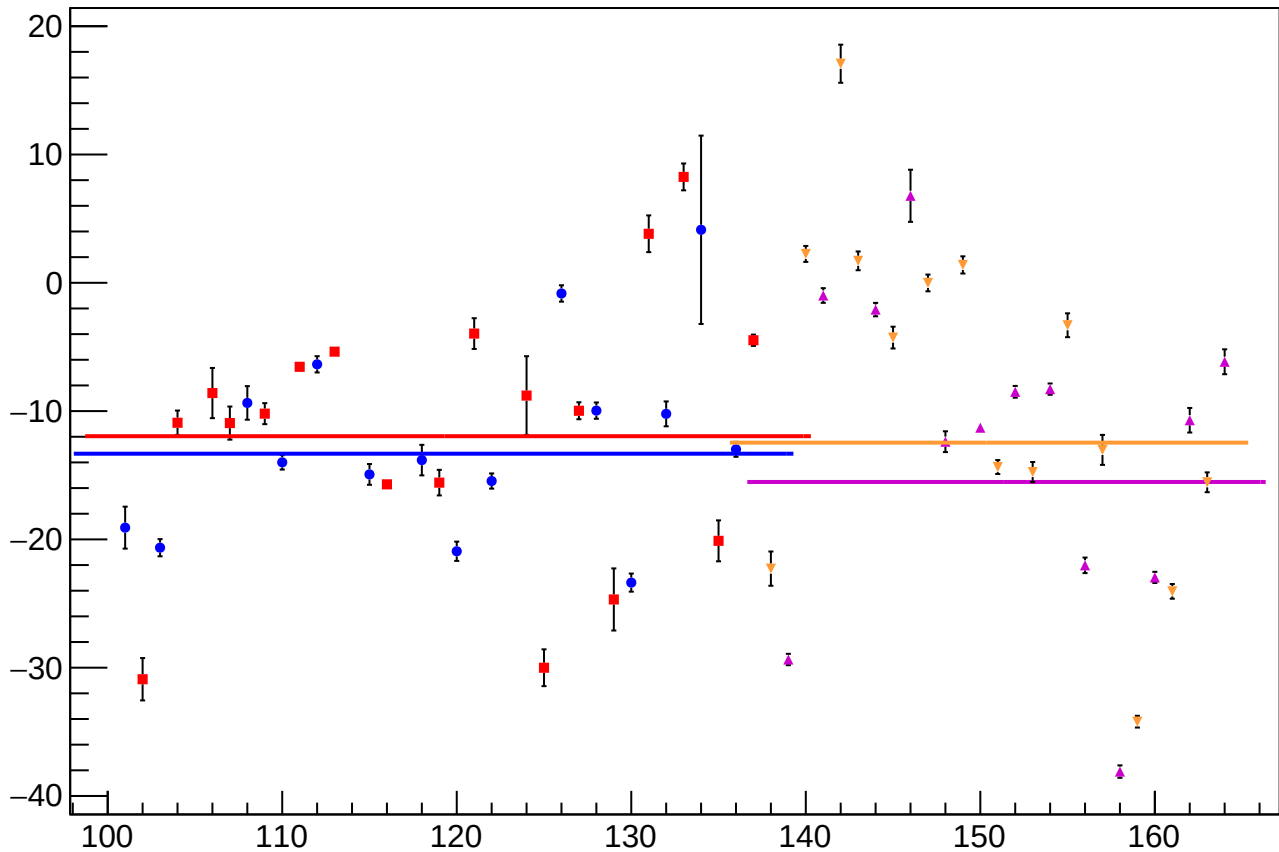
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -212.201 ± 0.016 $\chi^2/\text{NDF}: 960203.3/27$

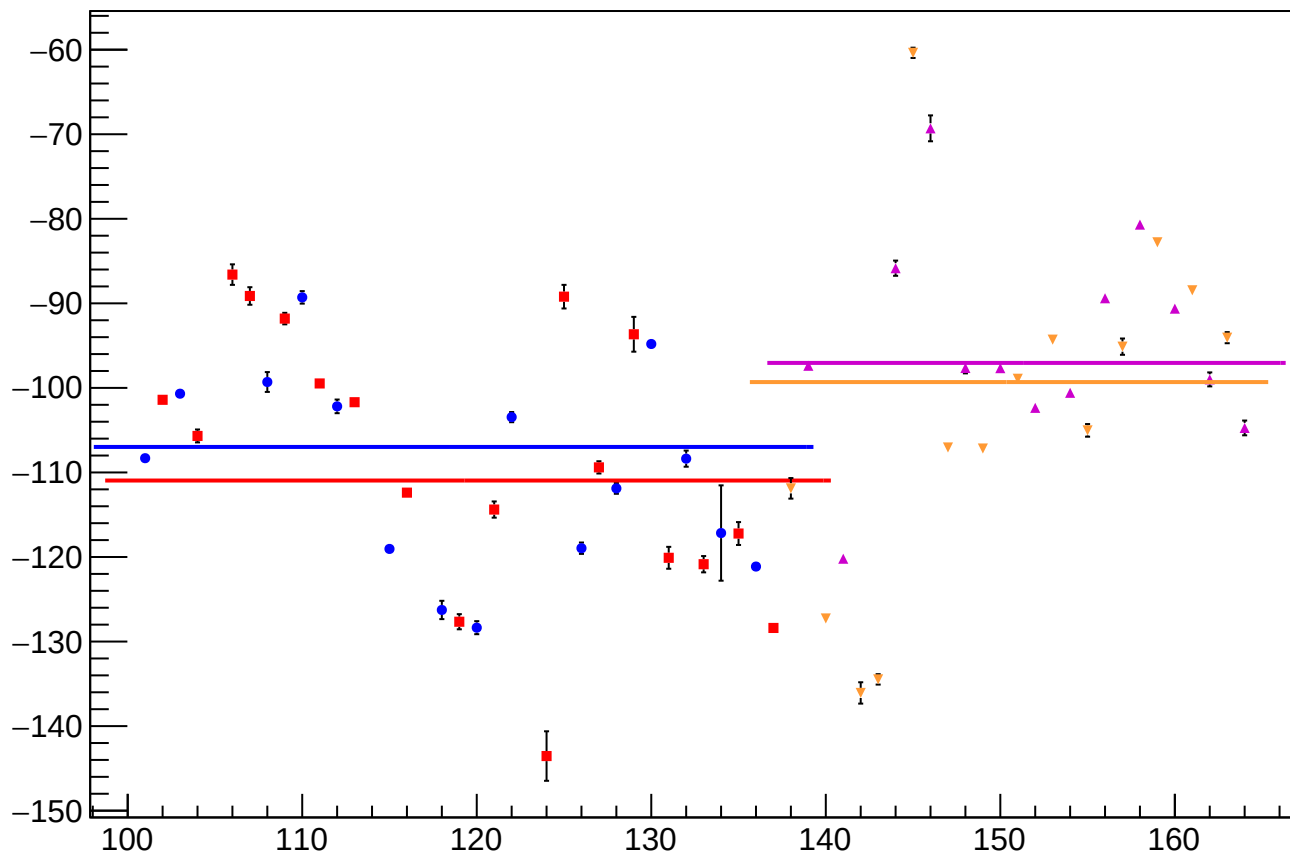
Out: -212.576 ± 0.017 $\chi^2/\text{NDF}: 1136274.5/31$

All: -212.371 ± 0.012 $\chi^2/\text{NDF}: 2096735.4/59$

dit_sam3_4aX_slope vs Slug, Sign Corrected



dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -99.311 ± 0.152 χ^2/NDF : 14700.4/13

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -97.045 ± 0.123 χ^2/NDF : 5333.3/12

Left: -97.945 ± 0.096 χ^2/NDF : 20167.9/26

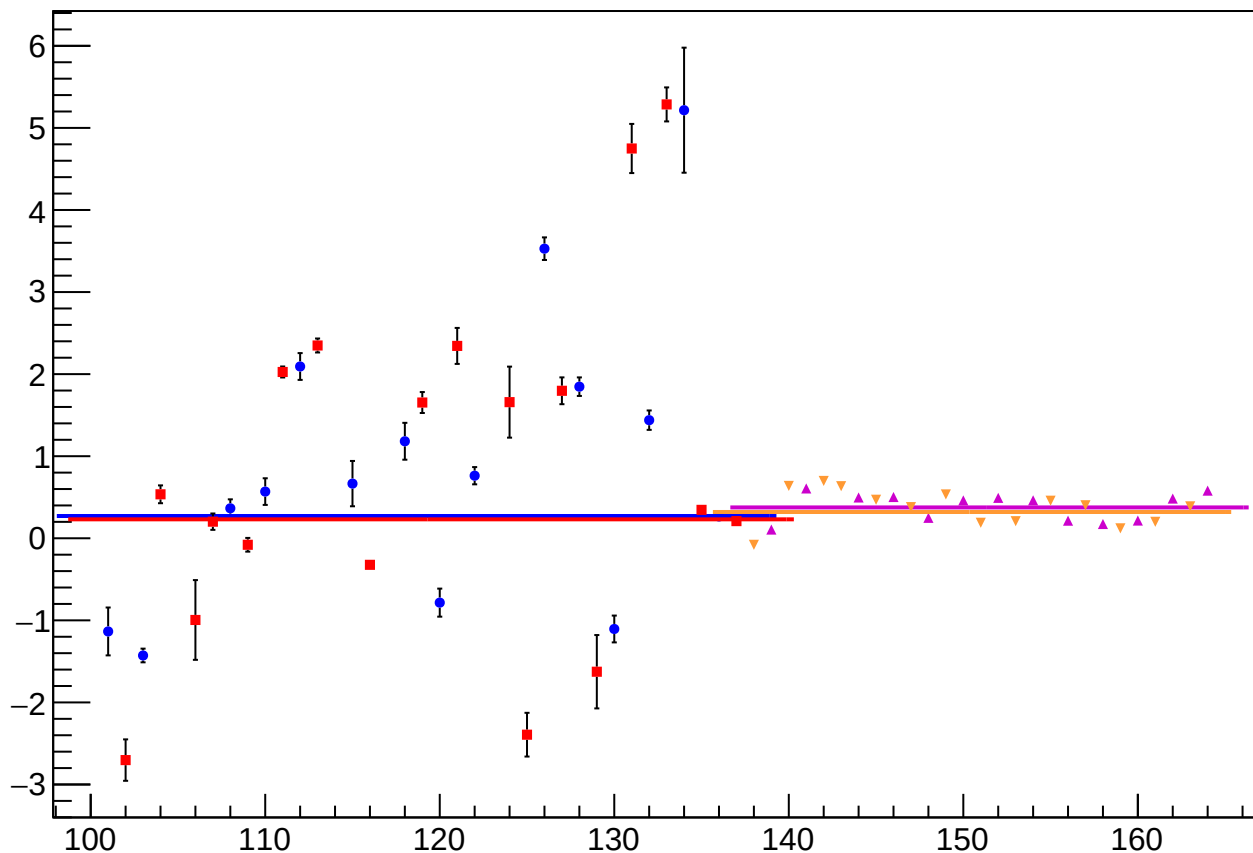
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -102.576 ± 0.082 χ^2/NDF : 13609.2/27

Out: -109.808 ± 0.048 χ^2/NDF : 30676.4/31

All: -107.985 ± 0.041 χ^2/NDF : 50092.2/59

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.320 ± 0.003 $\chi^2/\text{NDF}: 6452.0/13$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.376 ± 0.002 $\chi^2/\text{NDF}: 7592.5/12$

Left: 0.355 ± 0.002 $\chi^2/\text{NDF}: 14340.1/26$

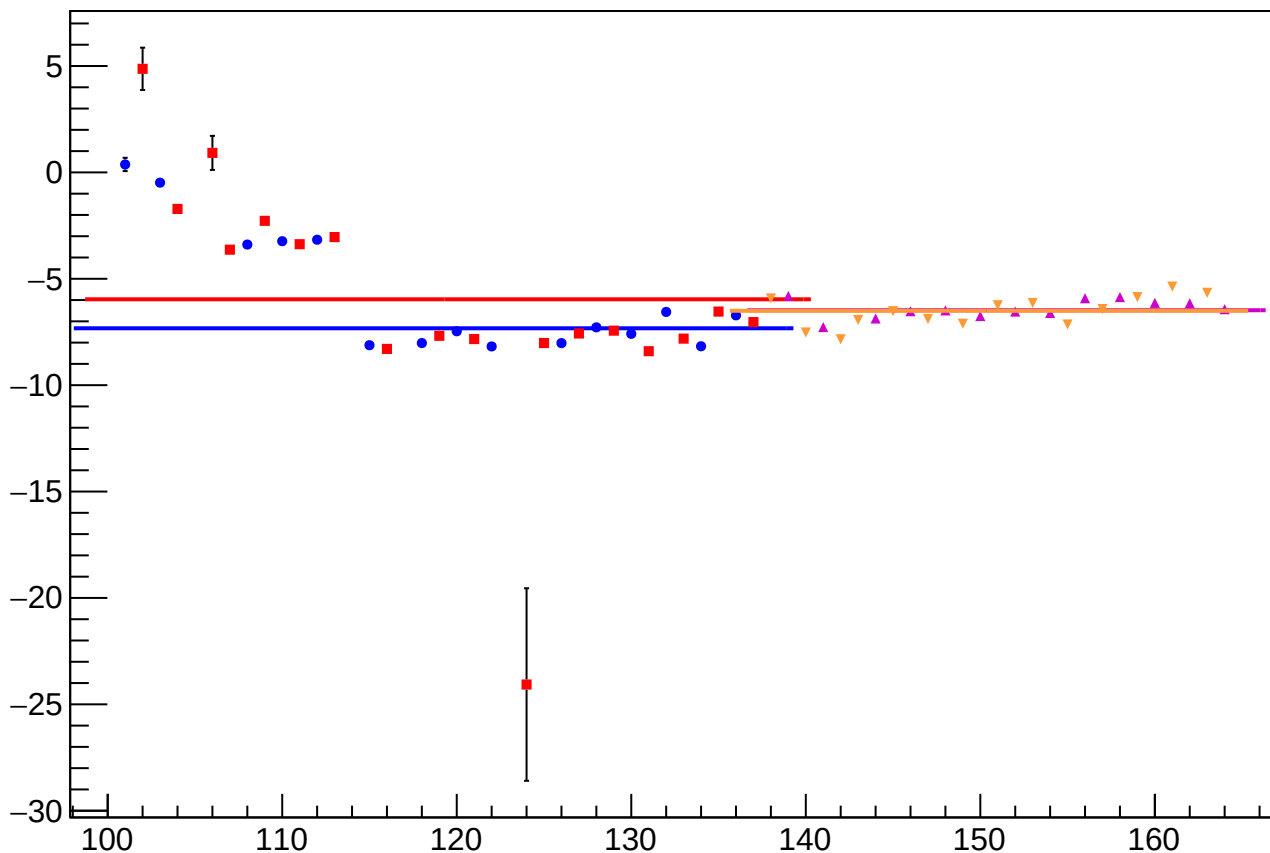
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.363 ± 0.002 $\chi^2/\text{NDF}: 9543.4/27$

Out: 0.298 ± 0.002 $\chi^2/\text{NDF}: 9668.4/31$

All: 0.336 ± 0.001 $\chi^2/\text{NDF}: 19714.0/59$

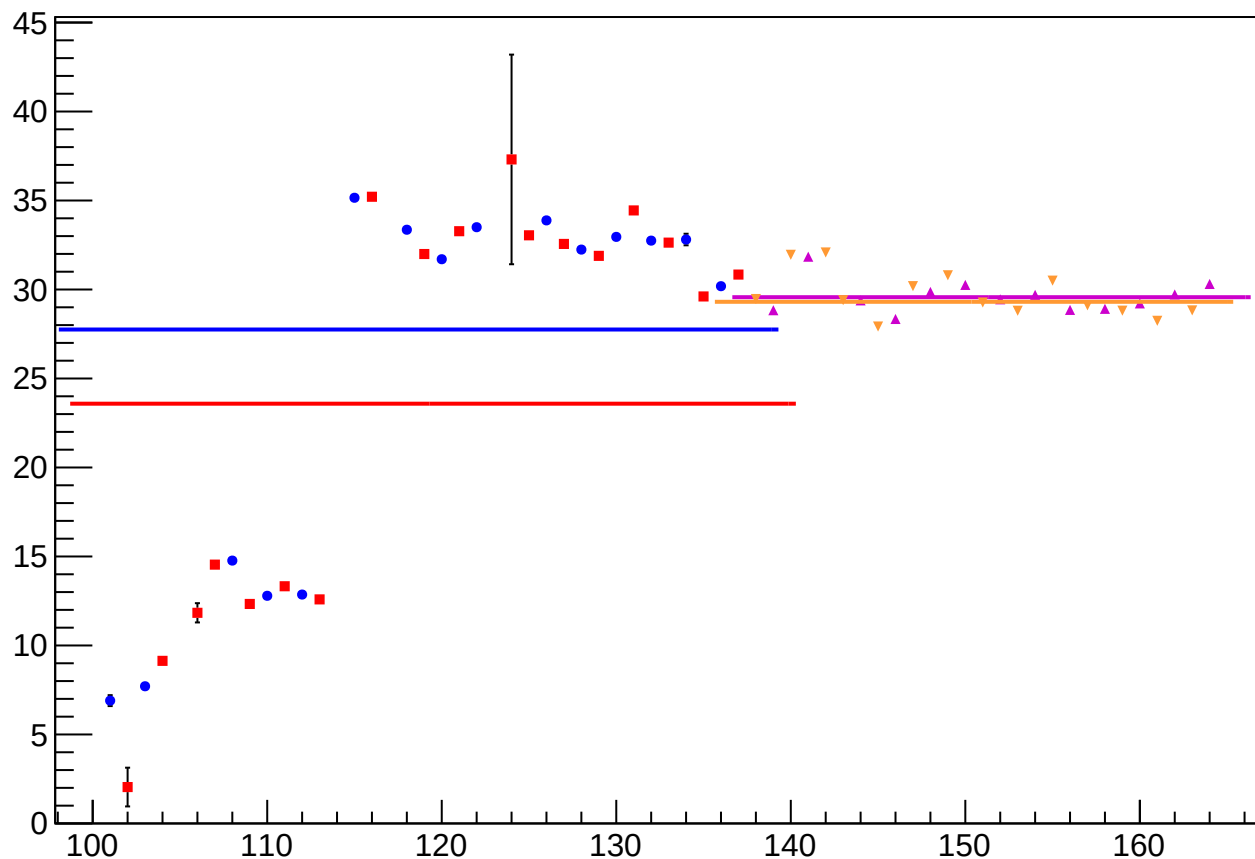
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.504 ± 0.008 $\chi^2/\text{NDF}: 5548.3/13$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.478 ± 0.006 $\chi^2/\text{NDF}: 5248.7/12$

Left: -6.488 ± 0.005 $\chi^2/\text{NDF}: 10803.7/26$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.770 ± 0.005 $\chi^2/\text{NDF}: 42473.0/27$
 Out: -6.270 ± 0.006 $\chi^2/\text{NDF}: 79502.5/31$
 All: -6.560 ± 0.004 $\chi^2/\text{NDF}: 126321.7/59$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.309 $\pm$ 0.013 χ^2 /NDF: 8293.2/13

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.568 $\pm$ 0.011 χ^2 /NDF: 3011.1/12

Left: 29.455 $\pm$ 0.008 χ^2 /NDF: 11544.2/26

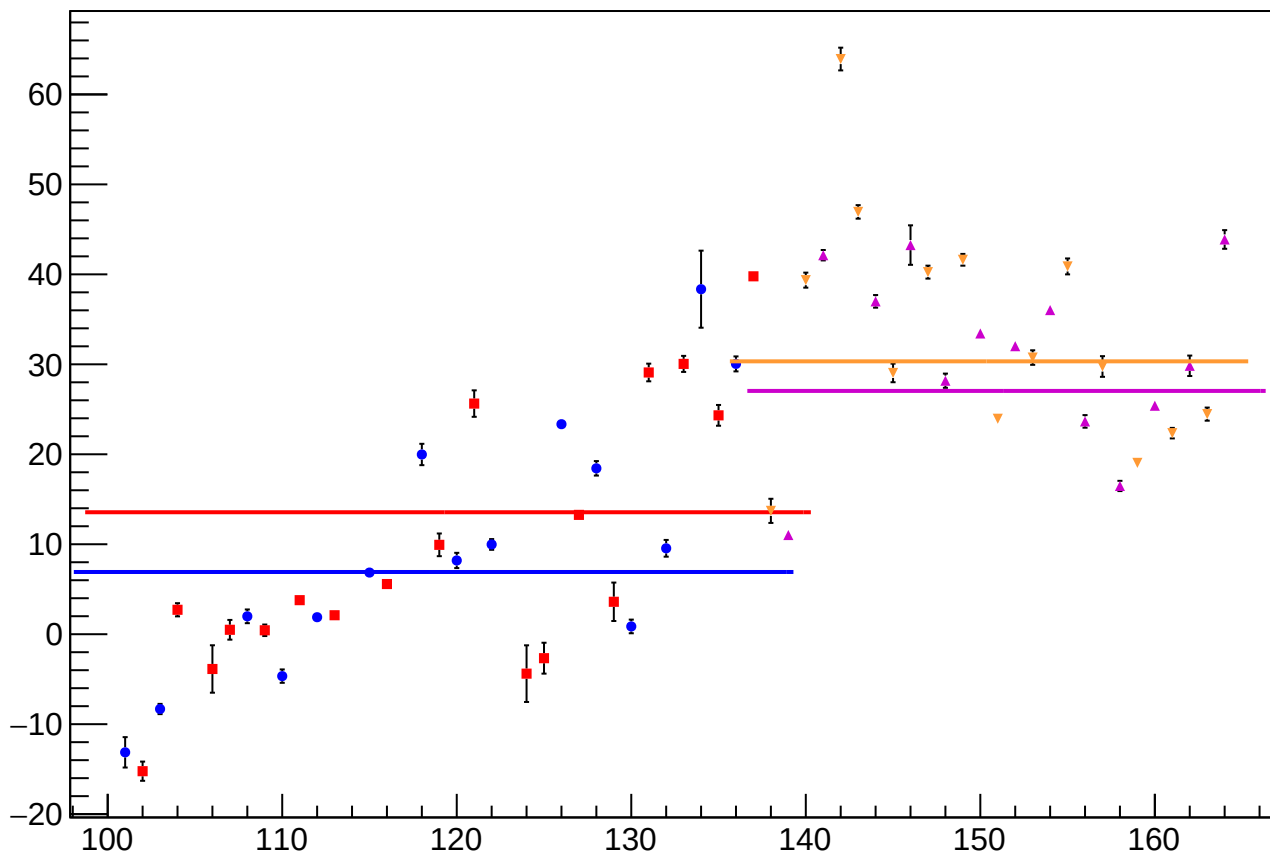
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.935 $\pm$ 0.009 χ^2 /NDF: 345433.2/27

Out: 26.700 $\pm$ 0.009 χ^2 /NDF: 642724.8/31

All: 27.864 $\pm$ 0.006 χ^2 /NDF: 1018509.4/59

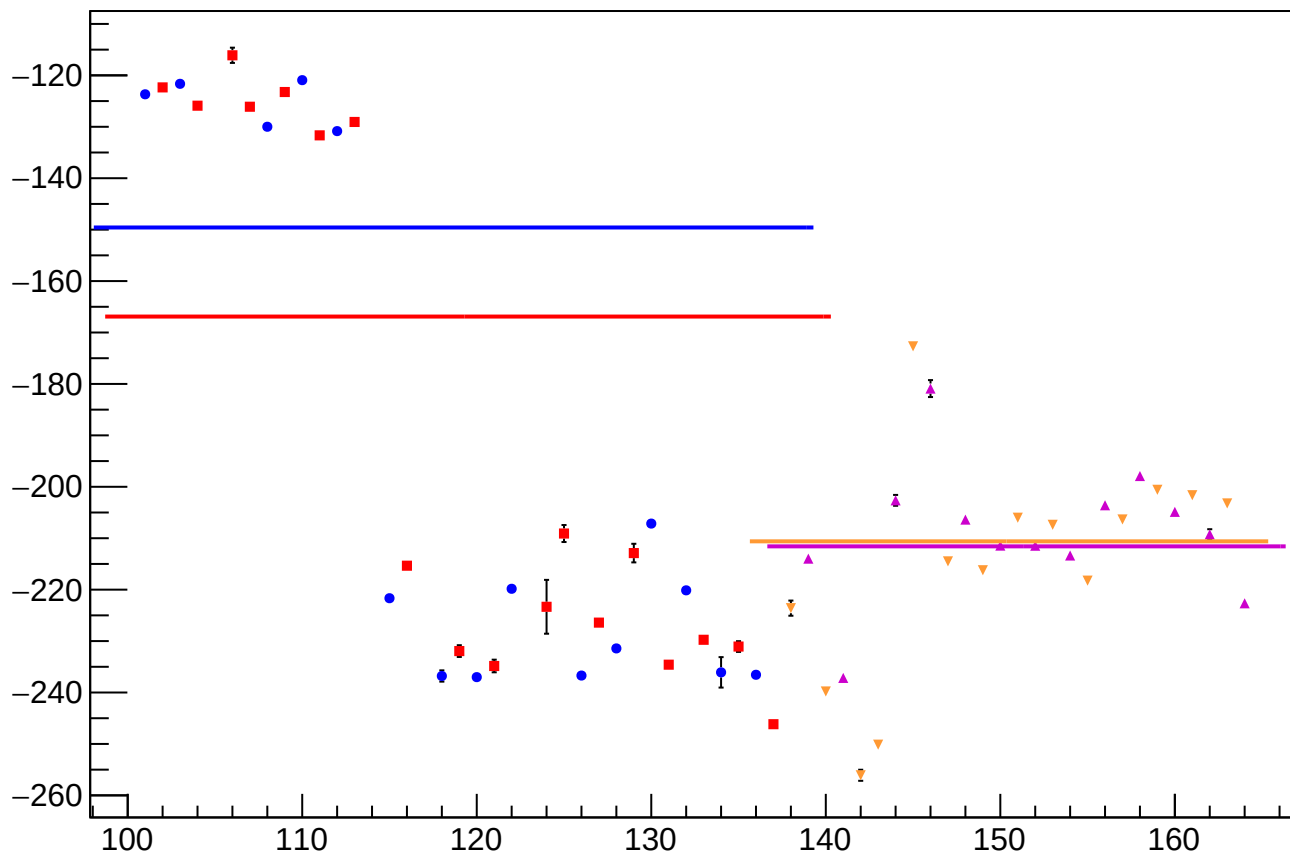
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 30.331 ± 0.194 $\chi^2/\text{NDF}: 3107.3/13$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 27.043 ± 0.146 $\chi^2/\text{NDF}: 4900.6/12$

Left: 28.227 ± 0.117 $\chi^2/\text{NDF}: 8191.0/26$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 18.882 ± 0.112 $\chi^2/\text{NDF}: 16130.2/27$
 Out: 19.558 ± 0.116 $\chi^2/\text{NDF}: 19547.9/31$
 All: 19.209 ± 0.081 $\chi^2/\text{NDF}: 35695.7/59$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2 /NDF: 195091.5/14

Left Out: -210.605+/-0.157 χ^2 /NDF: 11971.3/13

Right Out: -166.899+/-0.101 χ^2 /NDF: 295489.9/17

Left In: -211.583+/-0.122 χ^2 /NDF: 5278.1/12

Left: -211.214+/-0.096 χ^2 /NDF: 17273.6/26

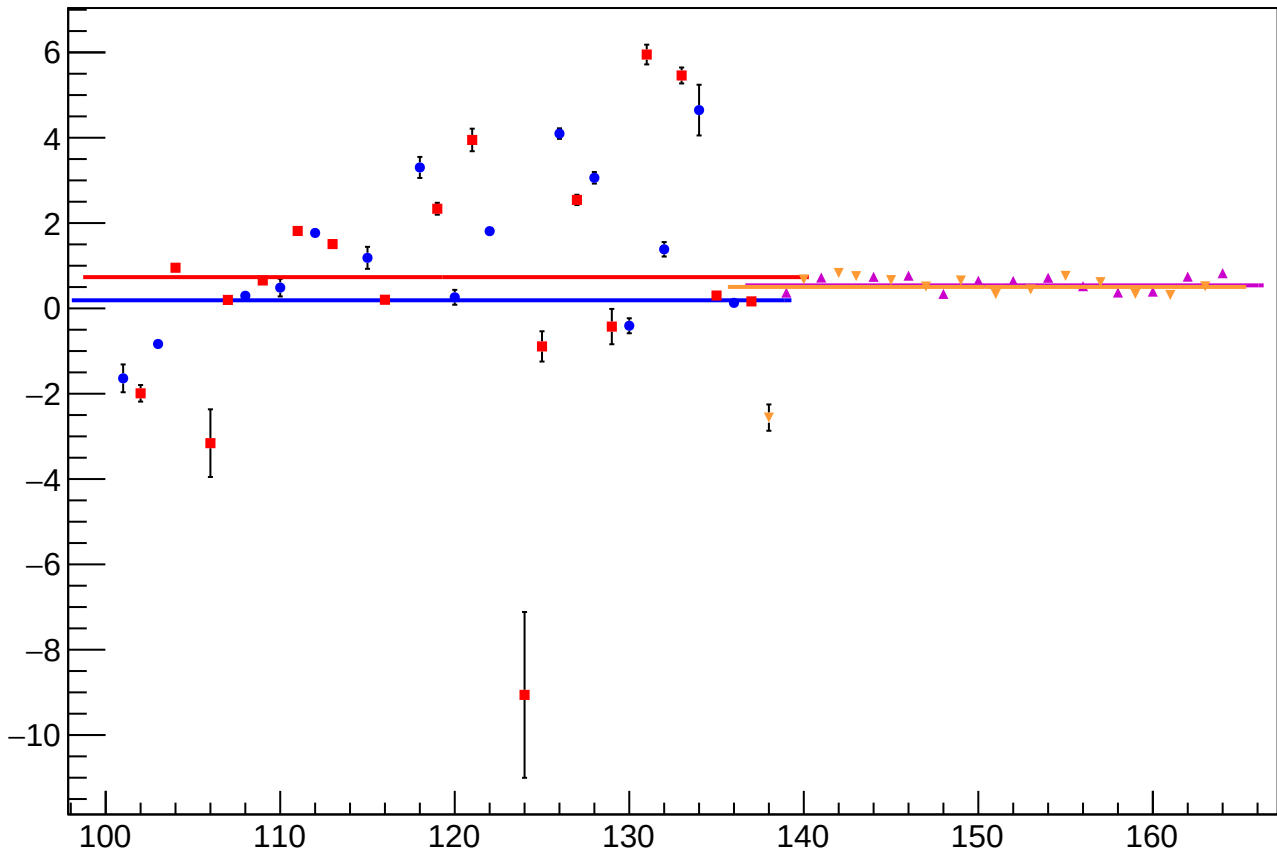
Right: -158.264+/-0.071 χ^2 /NDF: 505360.9/32

In: -174.713+/-0.078 χ^2 /NDF: 353518.6/27

Out: -179.622+/-0.085 χ^2 /NDF: 362417.4/31

All: -176.959+/-0.057 χ^2 /NDF: 717758.1/59

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.503 ± 0.003 χ^2/NDF : 3340.9/13

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.540 ± 0.002 χ^2/NDF : 4274.8/12

Left: 0.525 ± 0.002 χ^2/NDF : 7706.3/26

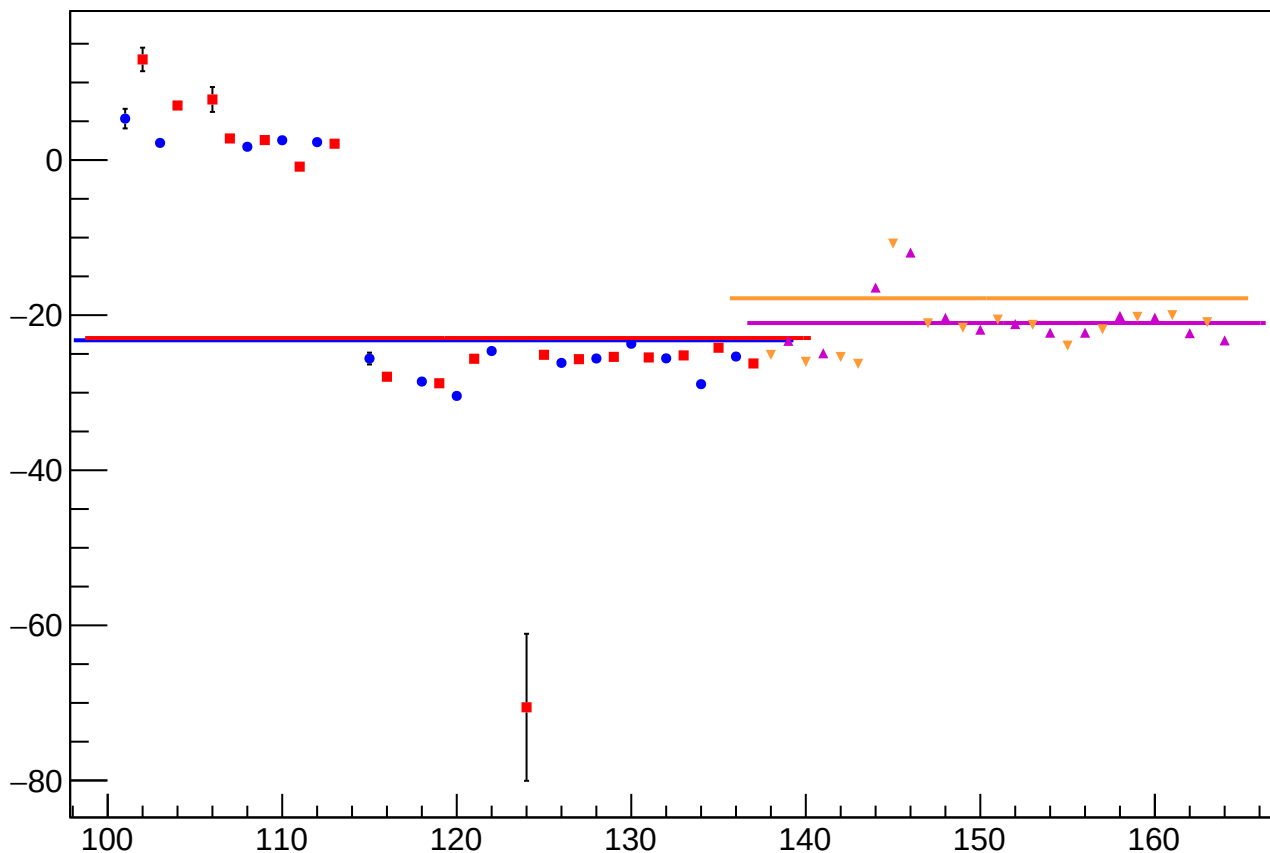
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.514 ± 0.002 χ^2/NDF : 8532.3/27

Out: 0.508 ± 0.003 χ^2/NDF : 6140.1/31

All: 0.512 ± 0.002 χ^2/NDF : 14674.7/59

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.822 ± 0.015 $\chi^2/\text{NDF}: 123746.2/13$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.015 ± 0.016 $\chi^2/\text{NDF}: 10549.4/12$

Left: -19.371 ± 0.011 $\chi^2/\text{NDF}: 155765.4/26$

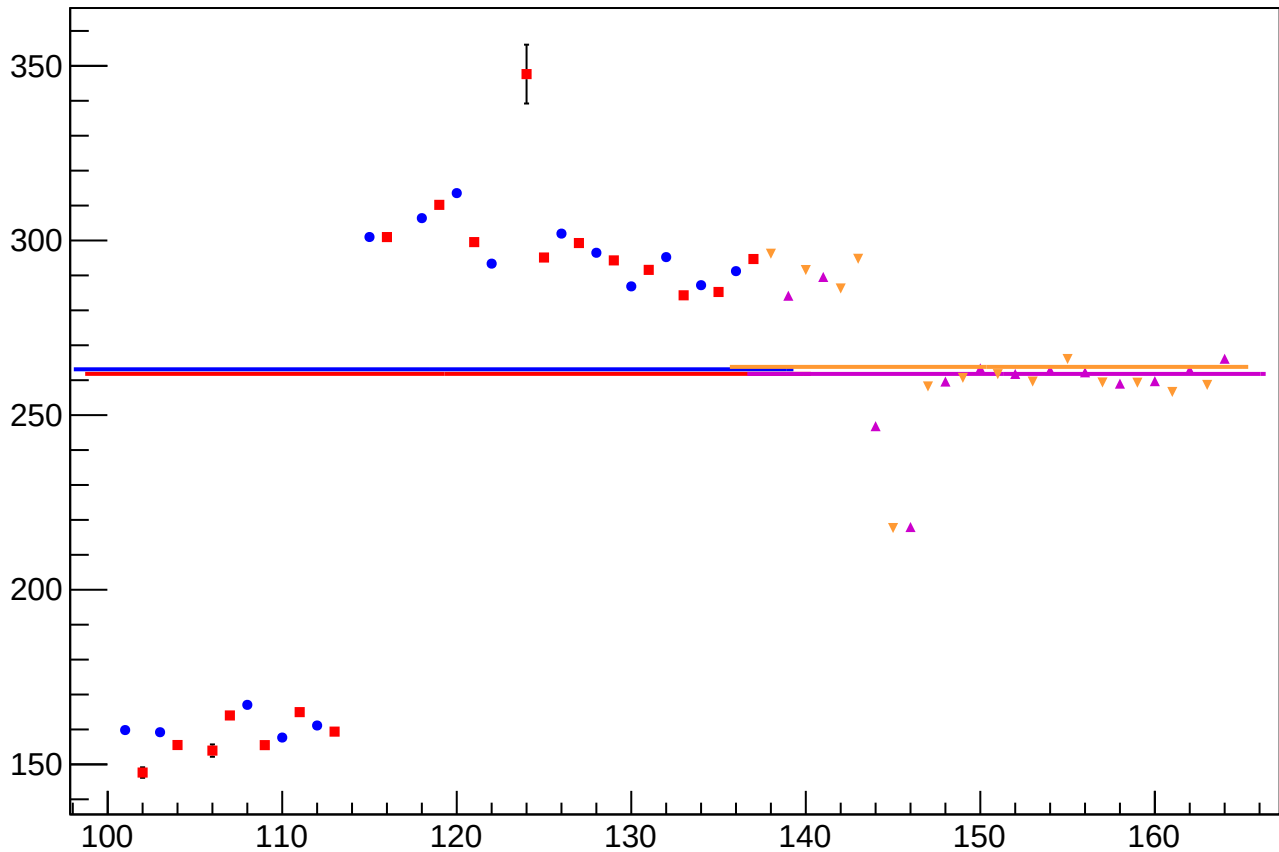
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.650 ± 0.013 $\chi^2/\text{NDF}: 119426.0/27$

Out: -19.228 ± 0.013 $\chi^2/\text{NDF}: 263101.4/31$

All: -20.412 ± 0.009 $\chi^2/\text{NDF}: 399674.6/59$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 263.812 $\pm$ 0.038 χ^2 /NDF:194853.8/13

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 261.799 $\pm$ 0.033 χ^2 /NDF:36635.8/12

Left: 262.664 $\pm$ 0.025 χ^2 /NDF: 233066.4/26

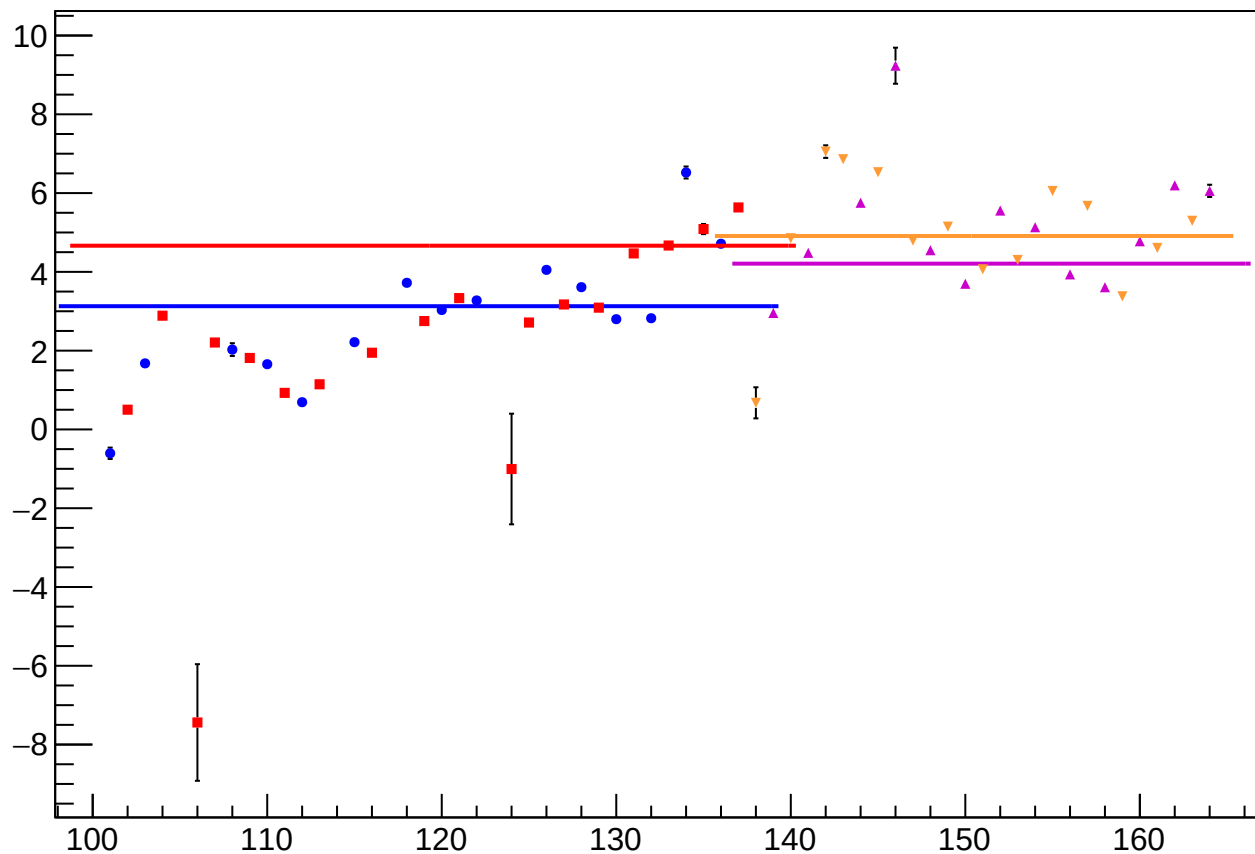
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.047 $\pm$ 0.030 χ^2 /NDF:729818.3/27

Out: 263.240 $\pm$ 0.032 χ^2 /NDF:1201823.0/31

All: 262.598 $\pm$ 0.022 χ^2 /NDF: 1932373.6/59

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.911 ± 0.016 $\chi^2/\text{NDF}: 2183.5/13$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.209 ± 0.016 $\chi^2/\text{NDF}: 3238.7/12$

Left: 4.545 ± 0.011 $\chi^2/\text{NDF}: 6373.5/26$

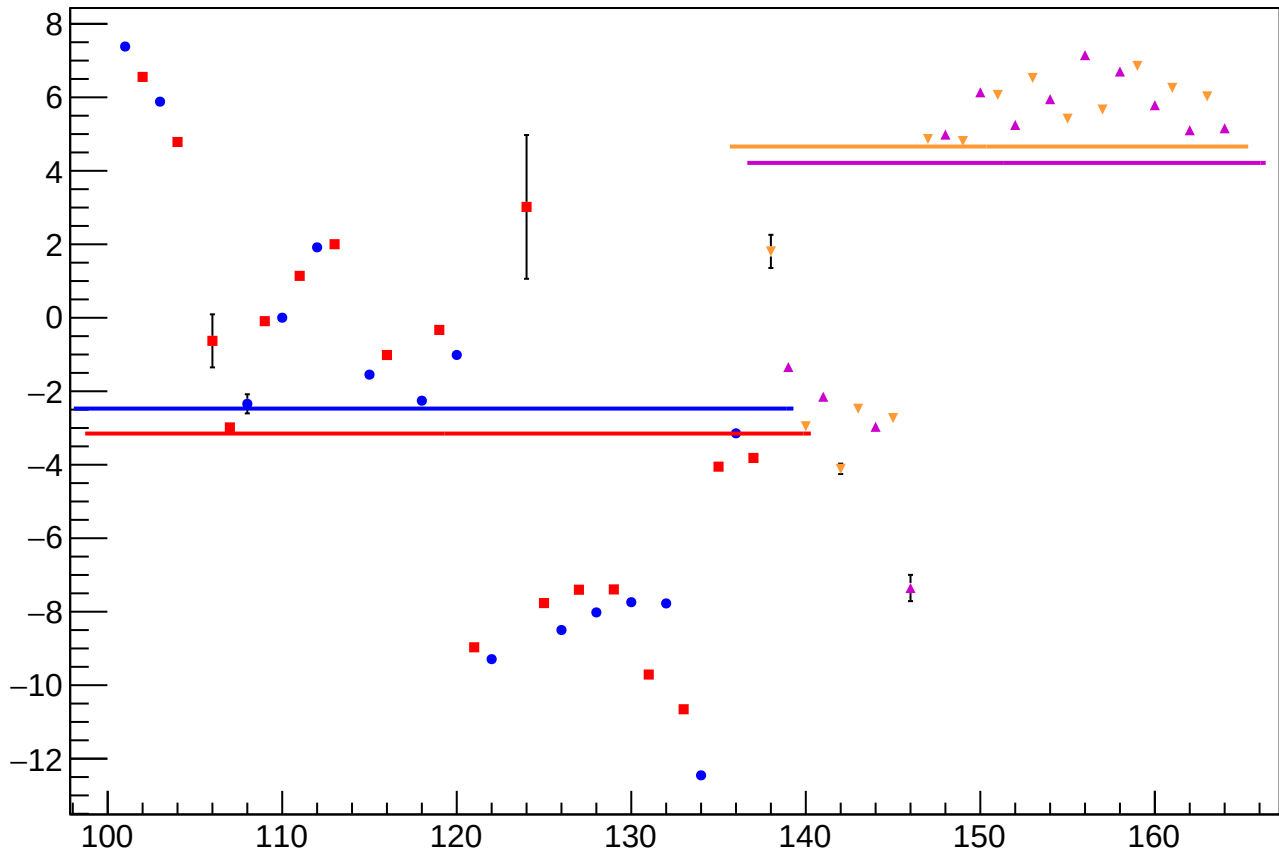
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.669 ± 0.011 $\chi^2/\text{NDF}: 11259.4/27$

Out: 4.696 ± 0.006 $\chi^2/\text{NDF}: 69241.7/31$

All: 4.470 ± 0.005 $\chi^2/\text{NDF}: 87133.0/59$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.661 ± 0.013 $\chi^2/\text{NDF}: 38757.8/13$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 4.216 ± 0.013 $\chi^2/\text{NDF}: 62512.3/12$

Left: 4.437 ± 0.010 $\chi^2/\text{NDF}: 101818.0/26$

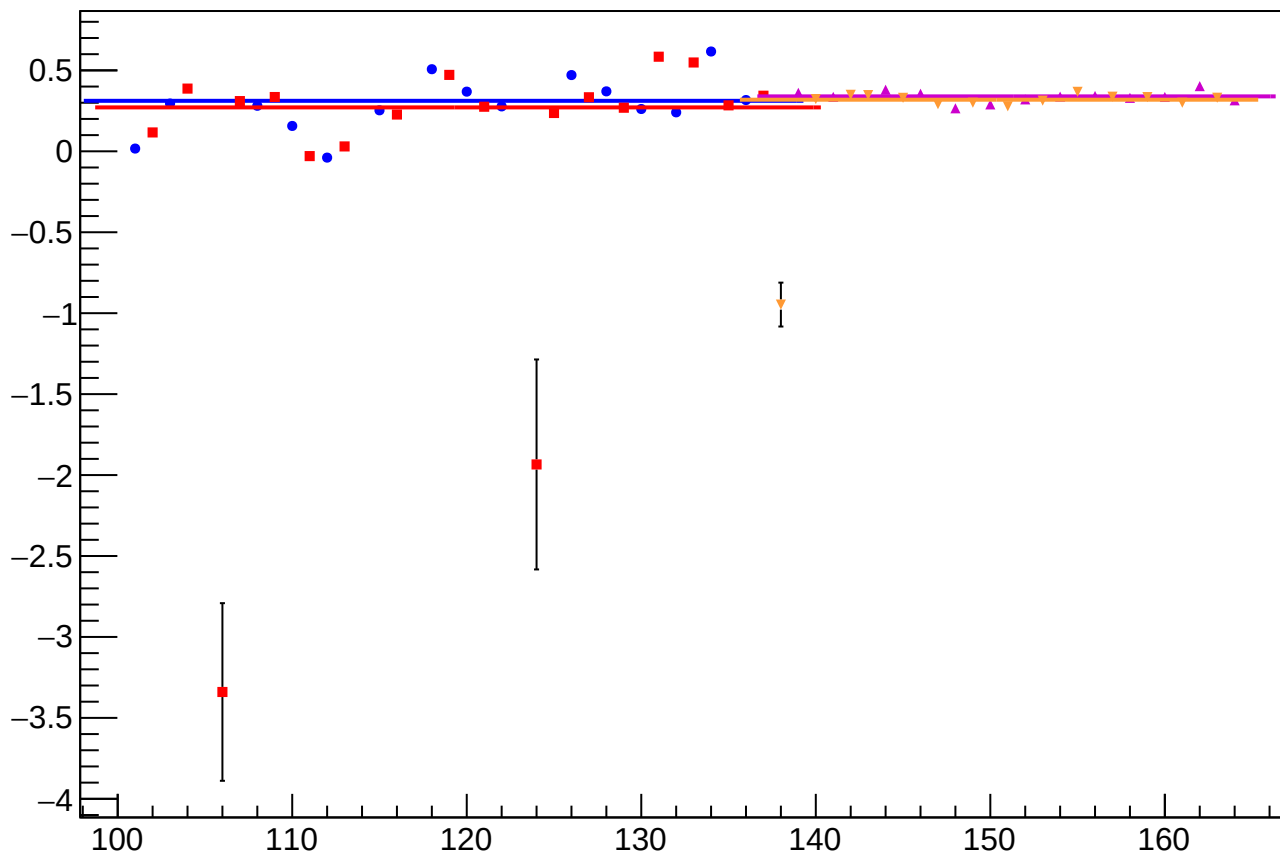
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.038 ± 0.010 $\chi^2/\text{NDF}: 423025.7/27$

Out: -1.331 ± 0.007 $\chi^2/\text{NDF}: 543493.9/31$

All: -0.598 ± 0.005 $\chi^2/\text{NDF}: 1007511.2/59$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.319 ± 0.001 $\chi^2/\text{NDF}: 1316.0/13$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 2792.0/12$

Left: 0.329 ± 0.000 $\chi^2/\text{NDF}: 4570.9/26$

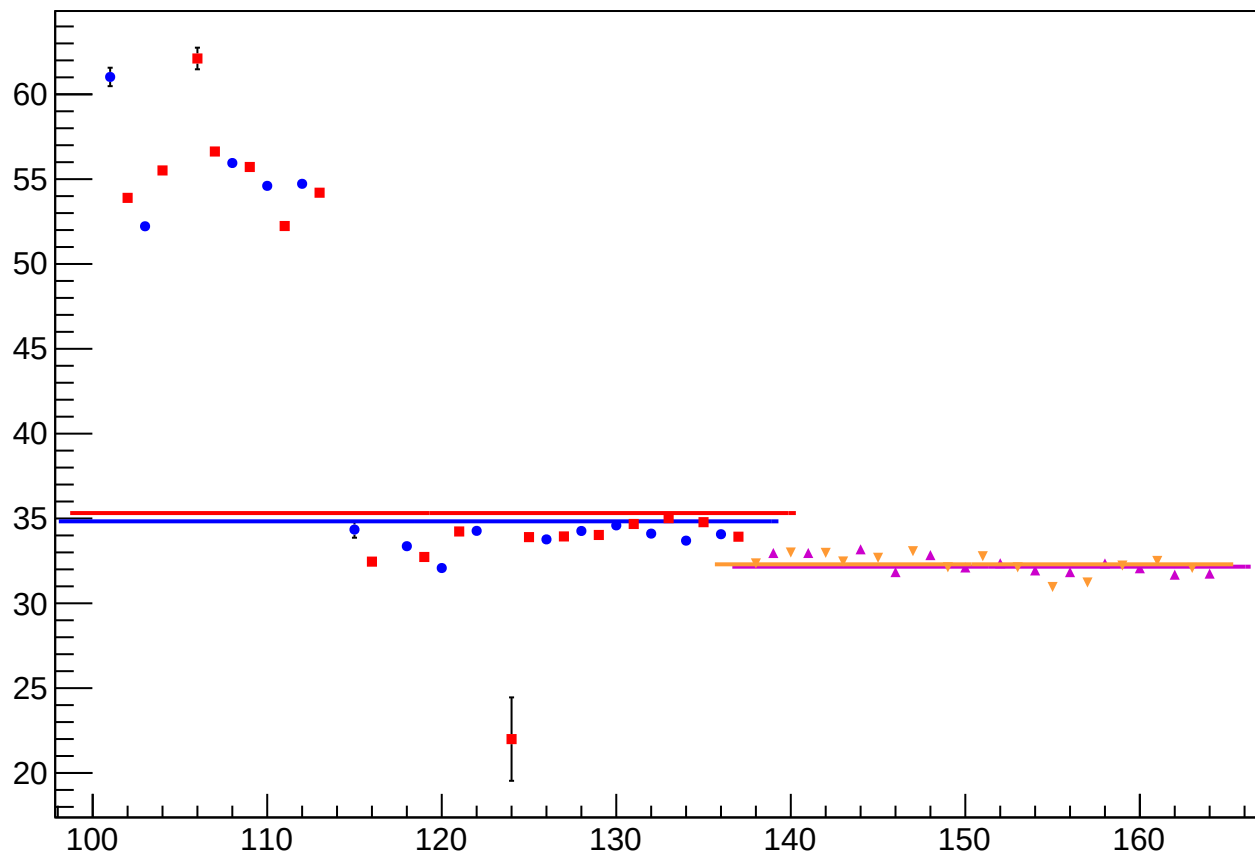
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4470.6/27$

Out: 0.314 ± 0.001 $\chi^2/\text{NDF}: 7920.5/31$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 12863.9/59$

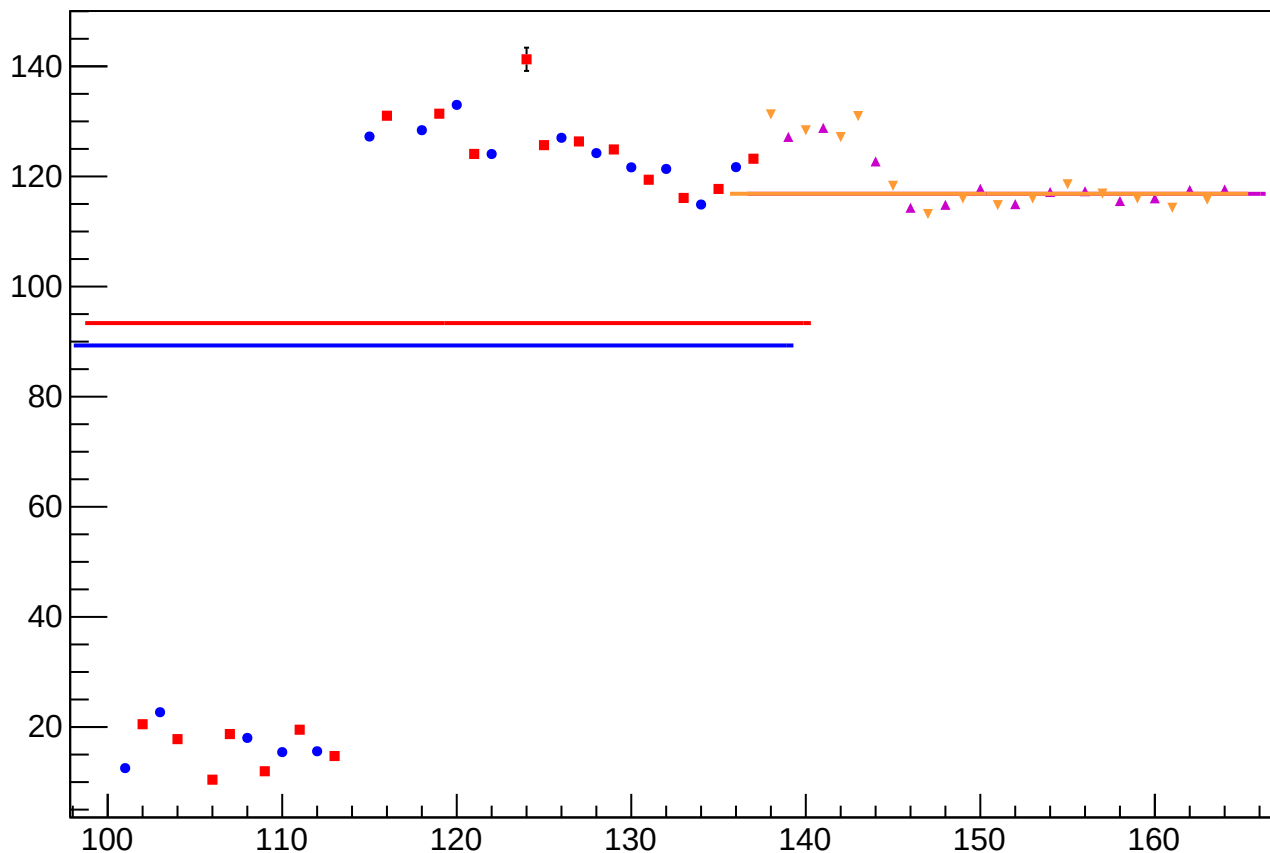
dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 ± 0.009 χ^2/NDF : 245568.8/14
 Left Out: 32.298 ± 0.005 χ^2/NDF : 3868.6/13
 Right Out: 35.319 ± 0.010 χ^2/NDF : 261492.0/17
 Left In: 32.159 ± 0.004 χ^2/NDF : 6992.0/12

Left: 32.225 ± 0.003 χ^2/NDF : 11354.2/26
 Right: 35.041 ± 0.007 χ^2/NDF : 508429.6/32
 In: 32.692 ± 0.004 χ^2/NDF : 329509.6/27
 Out: 32.817 ± 0.004 χ^2/NDF : 341682.3/31
 All: 32.750 ± 0.003 χ^2/NDF : 671677.9/59

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 116.859 $\pm$ 0.010 χ^2 /NDF: 119630.7/13

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.846 $\pm$ 0.010 χ^2 /NDF: 41716.9/12

Left: 116.852 $\pm$ 0.007 χ^2 /NDF: 161348.5/26

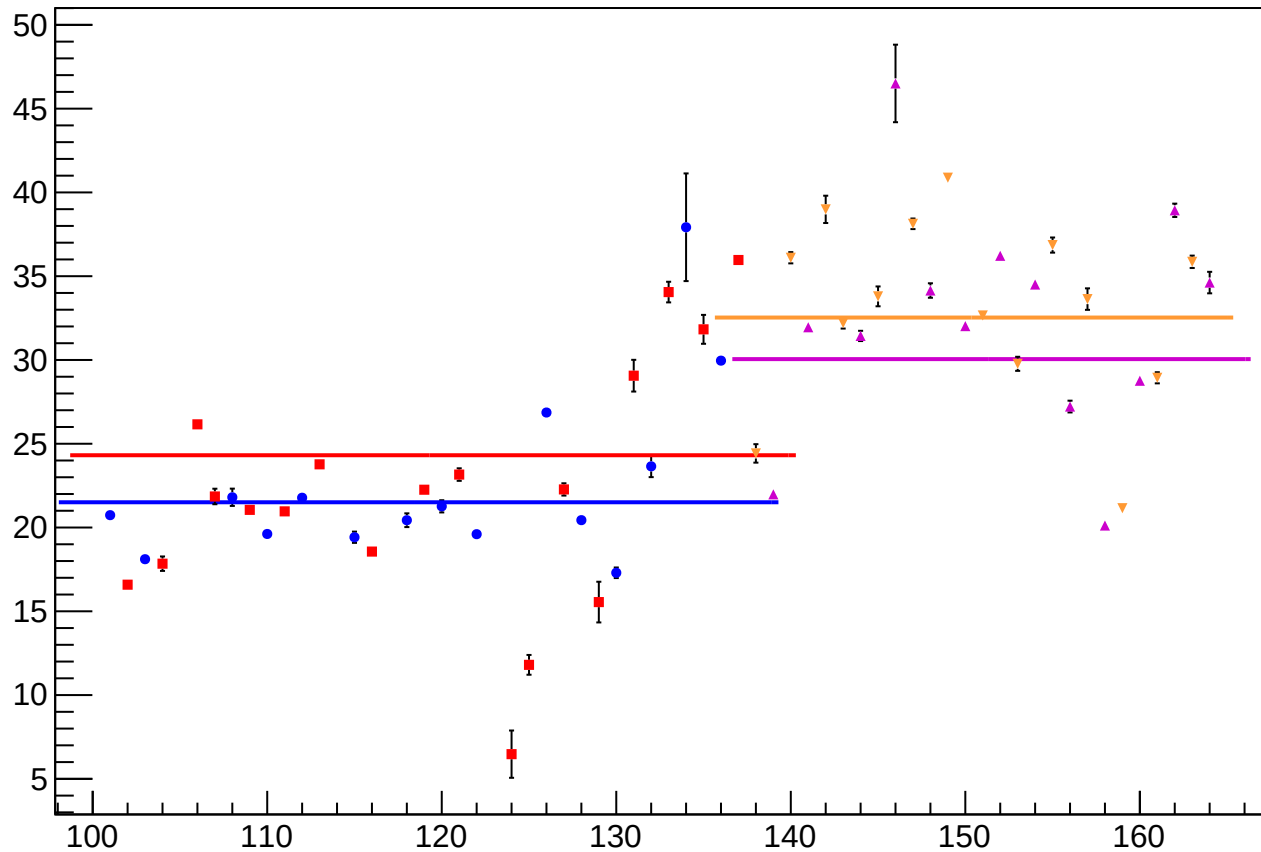
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 113.882 $\pm$ 0.009 χ^2 /NDF: 3975512.7/27

Out: 114.461 $\pm$ 0.010 χ^2 /NDF: 3524862.5/31

All: 114.154 $\pm$ 0.007 χ^2 /NDF: 7502317.1/59

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.532 ± 0.097 $\chi^2/\text{NDF}: 3745.3/13$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.051 ± 0.079 $\chi^2/\text{NDF}: 4634.7/12$

Left: 31.045 ± 0.061 $\chi^2/\text{NDF}: 8774.6/26$

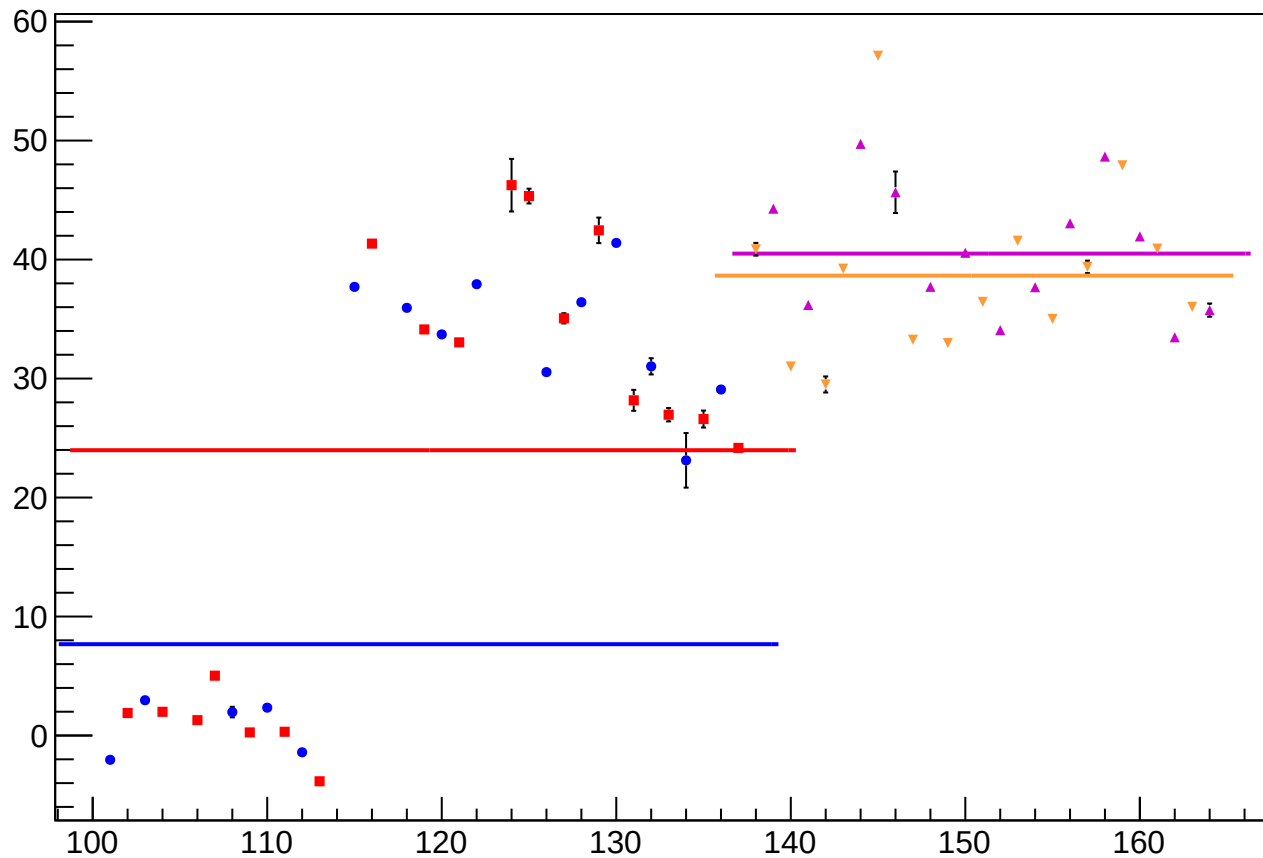
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.399 ± 0.053 $\chi^2/\text{NDF}: 13955.9/27$

Out: 26.515 ± 0.050 $\chi^2/\text{NDF}: 23330.7/31$

All: 25.993 ± 0.036 $\chi^2/\text{NDF}: 37519.1/59$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 38.650 $\pm$ 0.079 χ^2 /NDF: 6272.3/13

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 40.500 $\pm$ 0.065 χ^2 /NDF: 4180.8/12

Left: 39.756 $\pm$ 0.050 χ^2 /NDF: 10778.7/26

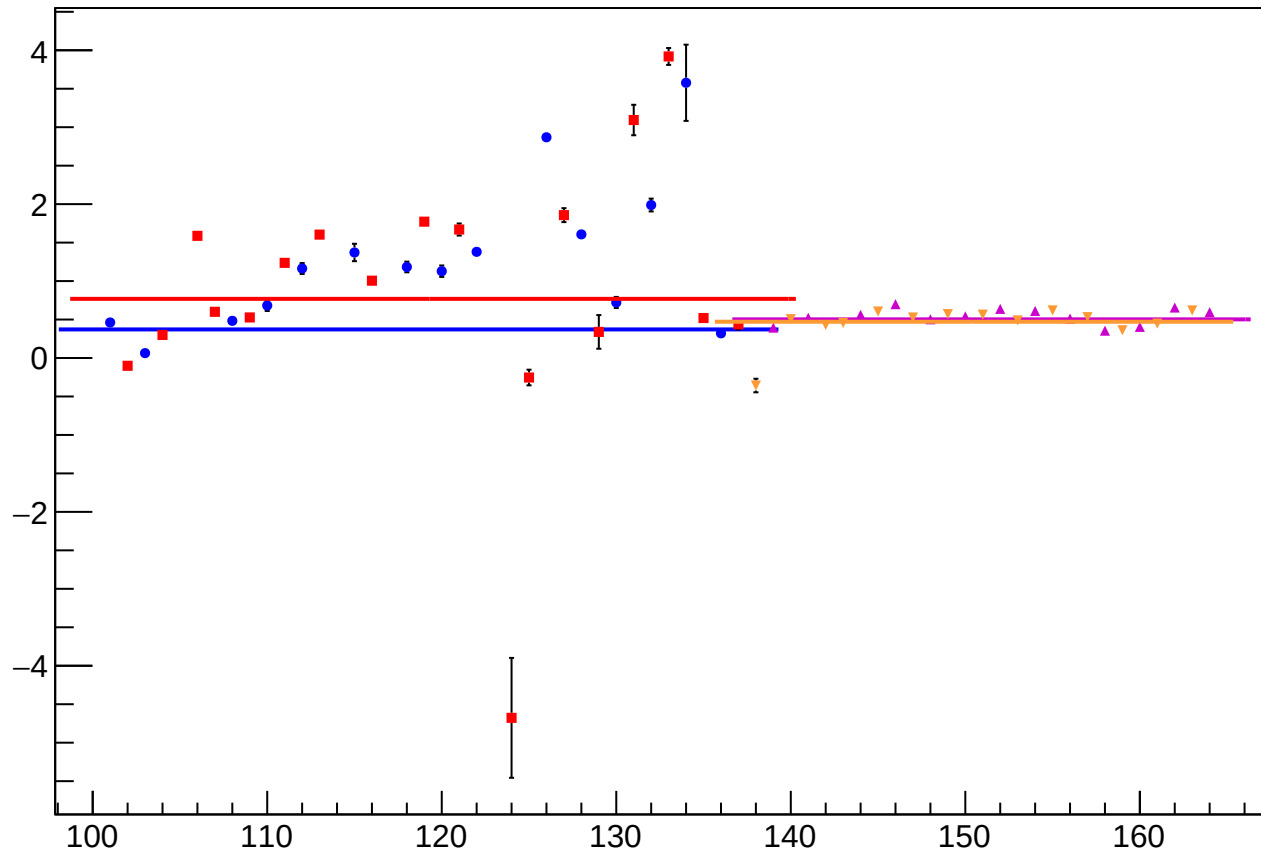
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 18.375 $\pm$ 0.037 χ^2 /NDF: 272266.9/27

Out: 24.132 $\pm$ 0.008 χ^2 /NDF: 150713.2/31

All: 23.868 $\pm$ 0.008 χ^2 /NDF: 445910.5/59

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.471 $\pm$ 0.001 χ^2 /NDF:5357.7/13

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.502 $\pm$ 0.001 χ^2 /NDF:8579.6/12

Left: 0.488 $\pm$ 0.001 χ^2 /NDF: 14250.3/26

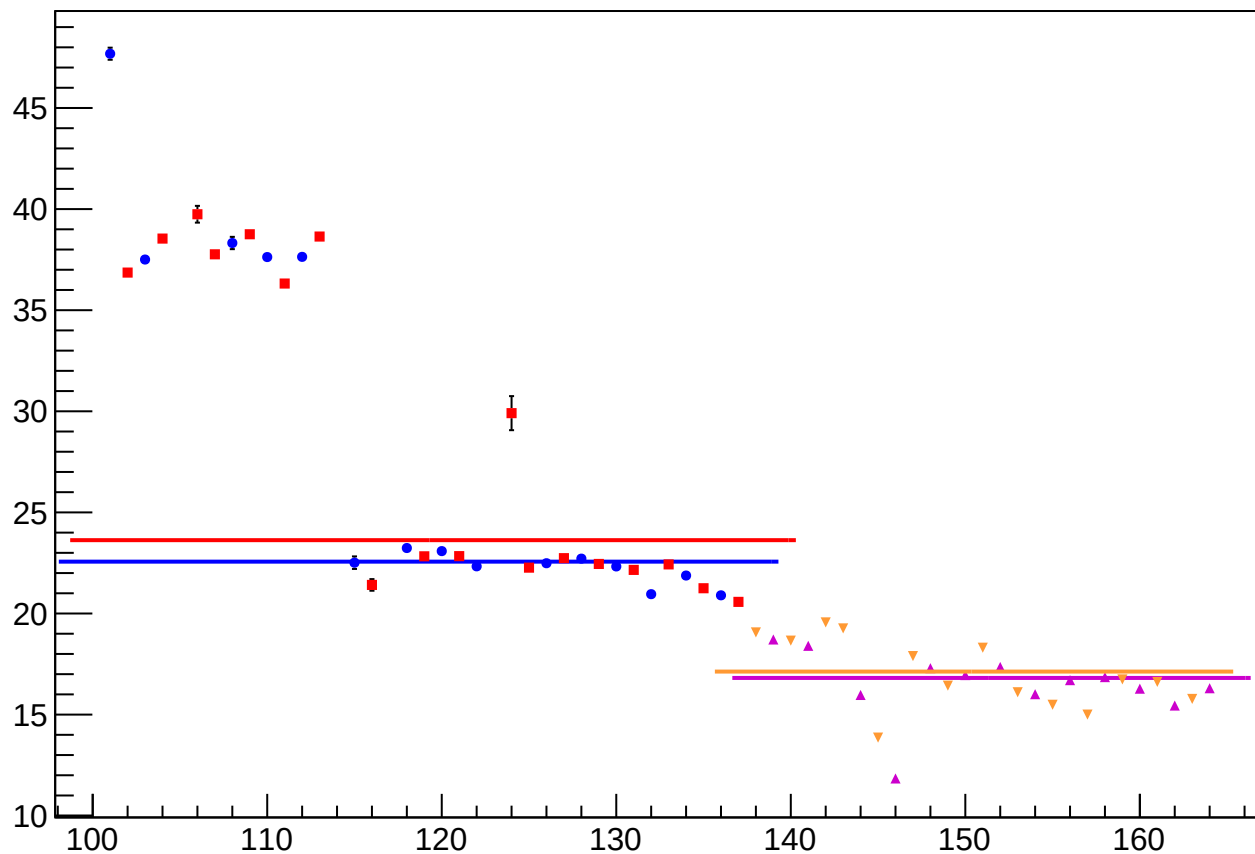
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.493 $\pm$ 0.001 χ^2 /NDF:14164.1/27

Out: 0.481 $\pm$ 0.001 χ^2 /NDF:11274.6/31

All: 0.488 $\pm$ 0.001 χ^2 /NDF: 25489.0/59

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.128 $\pm$ 0.007 χ^2 /NDF: 46883.0/13

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.813 $\pm$ 0.008 χ^2 /NDF: 14676.9/12

Left: 16.985 $\pm$ 0.005 χ^2 /NDF: 62433.9/26

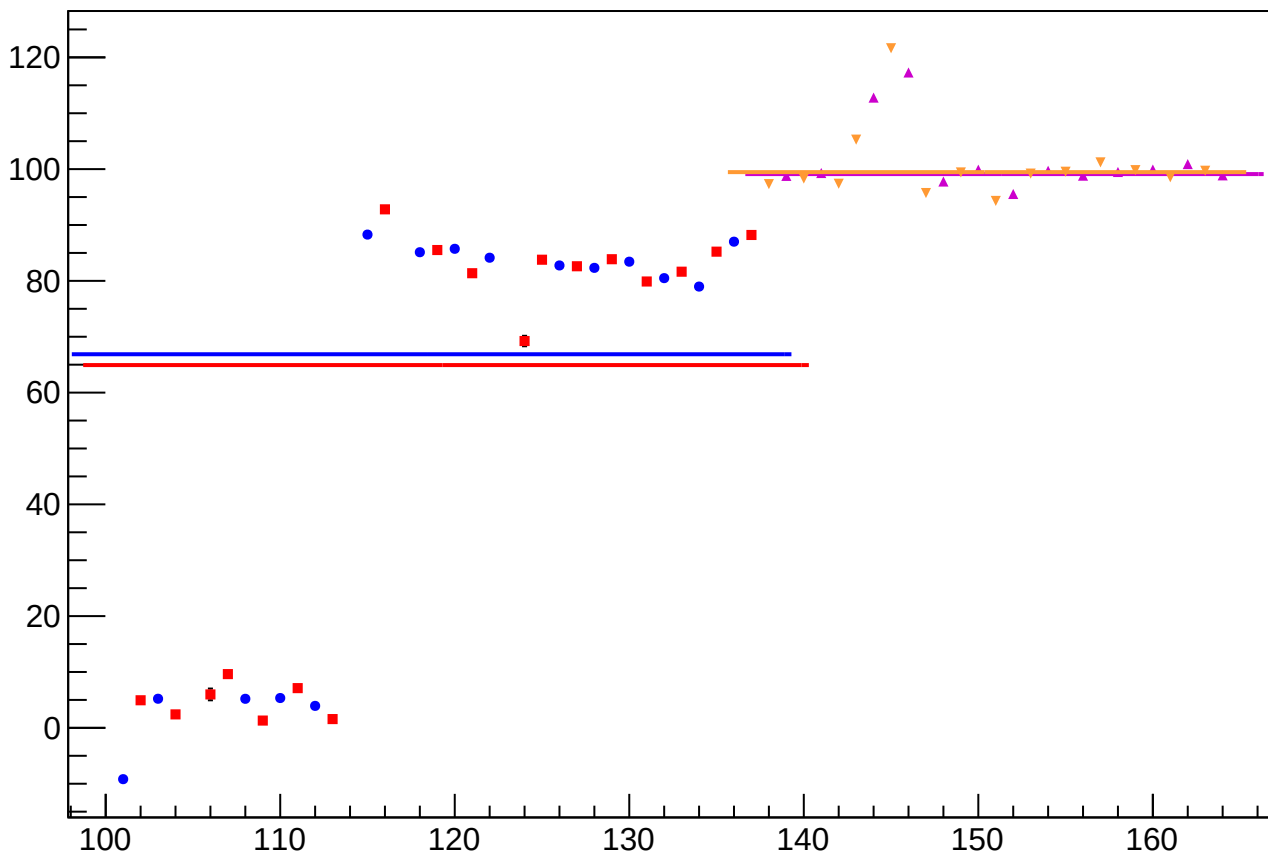
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 18.971 $\pm$ 0.006 χ^2 /NDF: 307254.2/27

Out: 19.016 $\pm$ 0.006 χ^2 /NDF: 408045.5/31

All: 18.994 $\pm$ 0.004 χ^2 /NDF: 715326.2/59

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 χ^2/NDF : 1494212.3/14

Left Out: 99.462 ± 0.014 χ^2/NDF : 69219.7/13

Right Out: 64.929 ± 0.030 χ^2/NDF : 1334580.7/17

Left In: 99.112 ± 0.013 χ^2/NDF : 16402.3/12

Left: 99.285 ± 0.010 χ^2/NDF : 85961.7/26

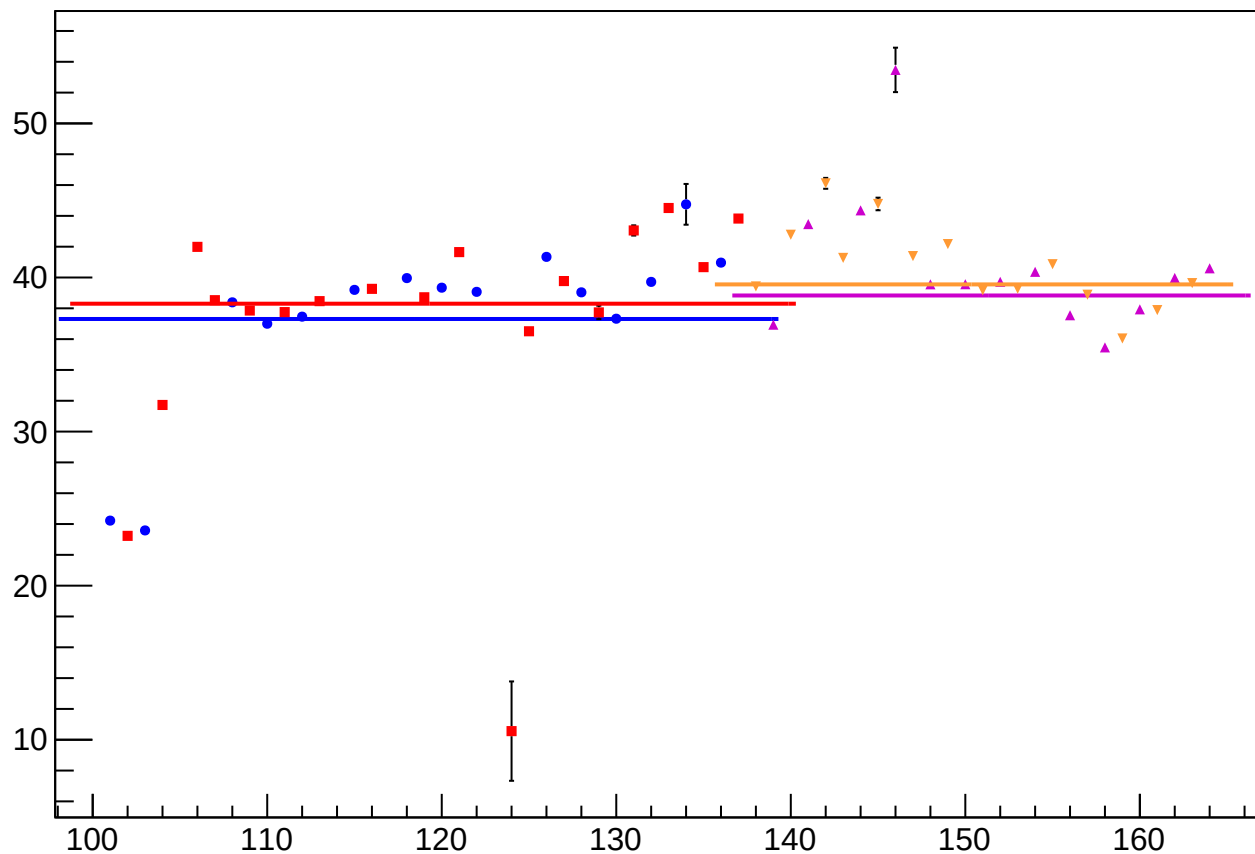
Right: 65.988 ± 0.020 χ^2/NDF : 2831116.5/32

In: 92.796 ± 0.012 χ^2/NDF : 2652473.1/27

Out: 93.540 ± 0.012 χ^2/NDF : 2521803.6/31

All: 93.158 ± 0.009 χ^2/NDF : 5176150.8/59

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.552 $\pm$ 0.037 χ^2 /NDF:3876.5/13

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.833 $\pm$ 0.028 χ^2 /NDF:5418.2/12

Left: 39.101 $\pm$ 0.022 χ^2 /NDF: 9535.4/26

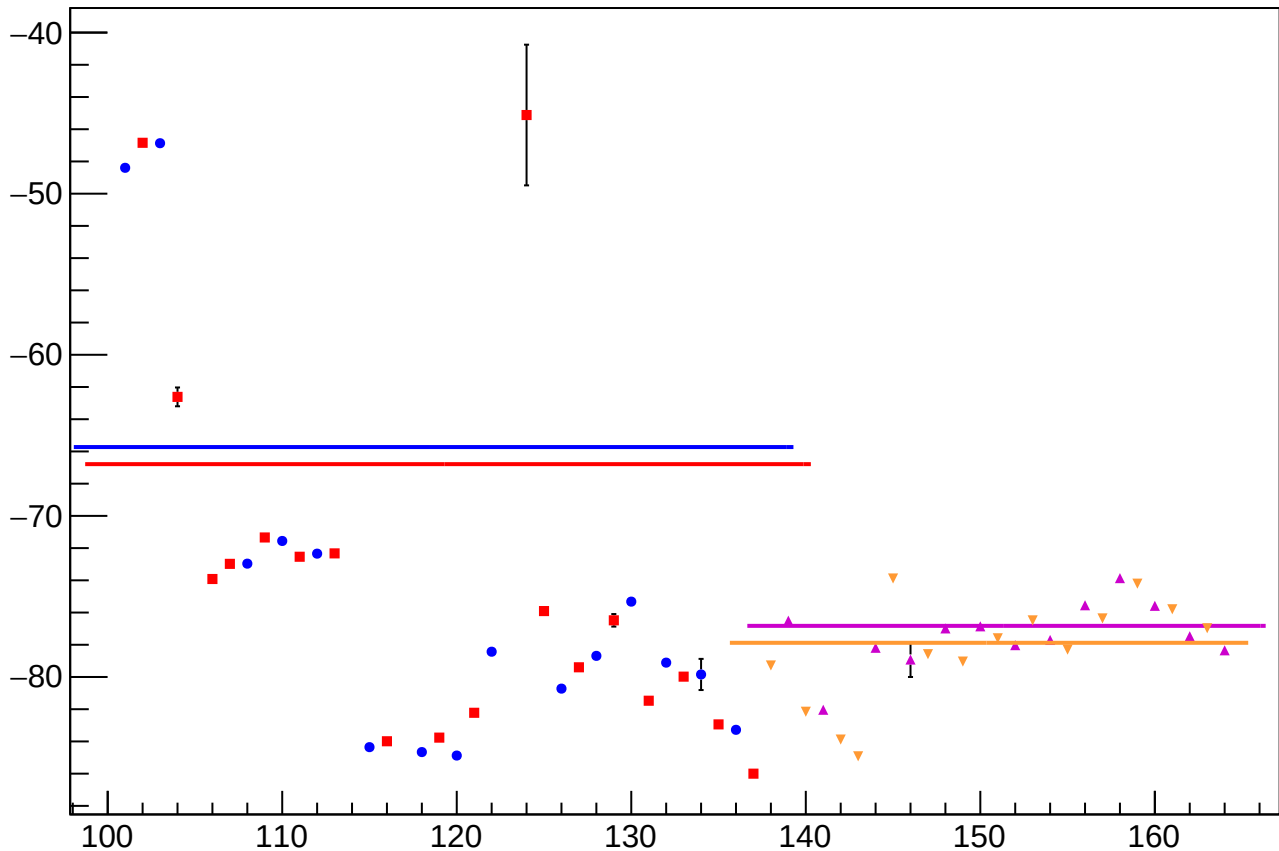
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.917 $\pm$ 0.018 χ^2 /NDF:66741.2/27

Out: 38.598 $\pm$ 0.018 χ^2 /NDF:23603.0/31

All: 38.257 $\pm$ 0.013 χ^2 /NDF: 91067.9/59

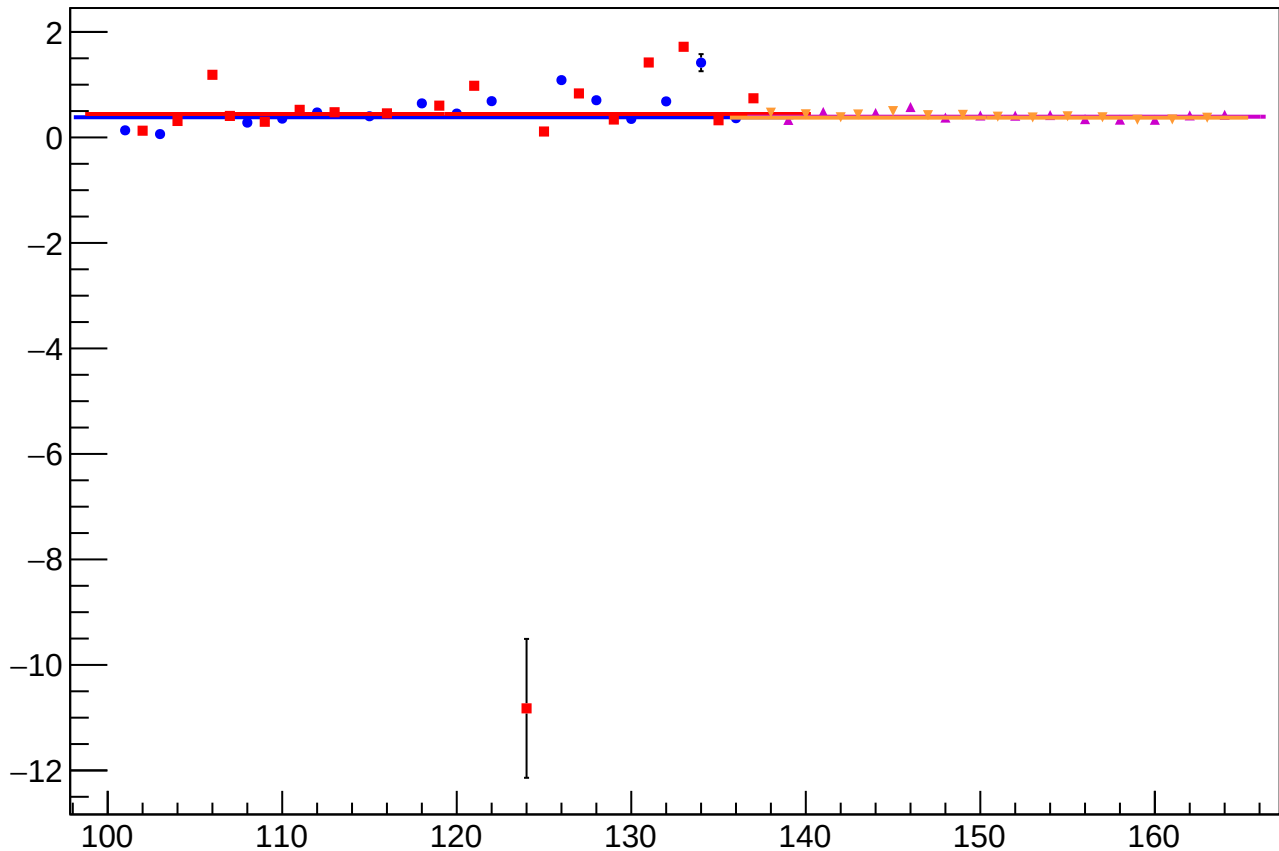
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -77.878 ± 0.031 $\chi^2/\text{NDF}: 11249.0/13$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.826 ± 0.023 $\chi^2/\text{NDF}: 4834.7/12$

Left: -77.200 ± 0.018 $\chi^2/\text{NDF}: 16847.9/26$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.674 ± 0.014 $\chi^2/\text{NDF}: 1062145.1/27$
 Out: -69.130 ± 0.014 $\chi^2/\text{NDF}: 924565.2/31$
 All: -69.412 ± 0.010 $\chi^2/\text{NDF}: 1987487.1/59$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.375 ± 0.001 $\chi^2/\text{NDF}: 5351.4/13$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.393 ± 0.001 $\chi^2/\text{NDF}: 6390.9/12$

Left: 0.385 ± 0.000 $\chi^2/\text{NDF}: 12269.4/26$

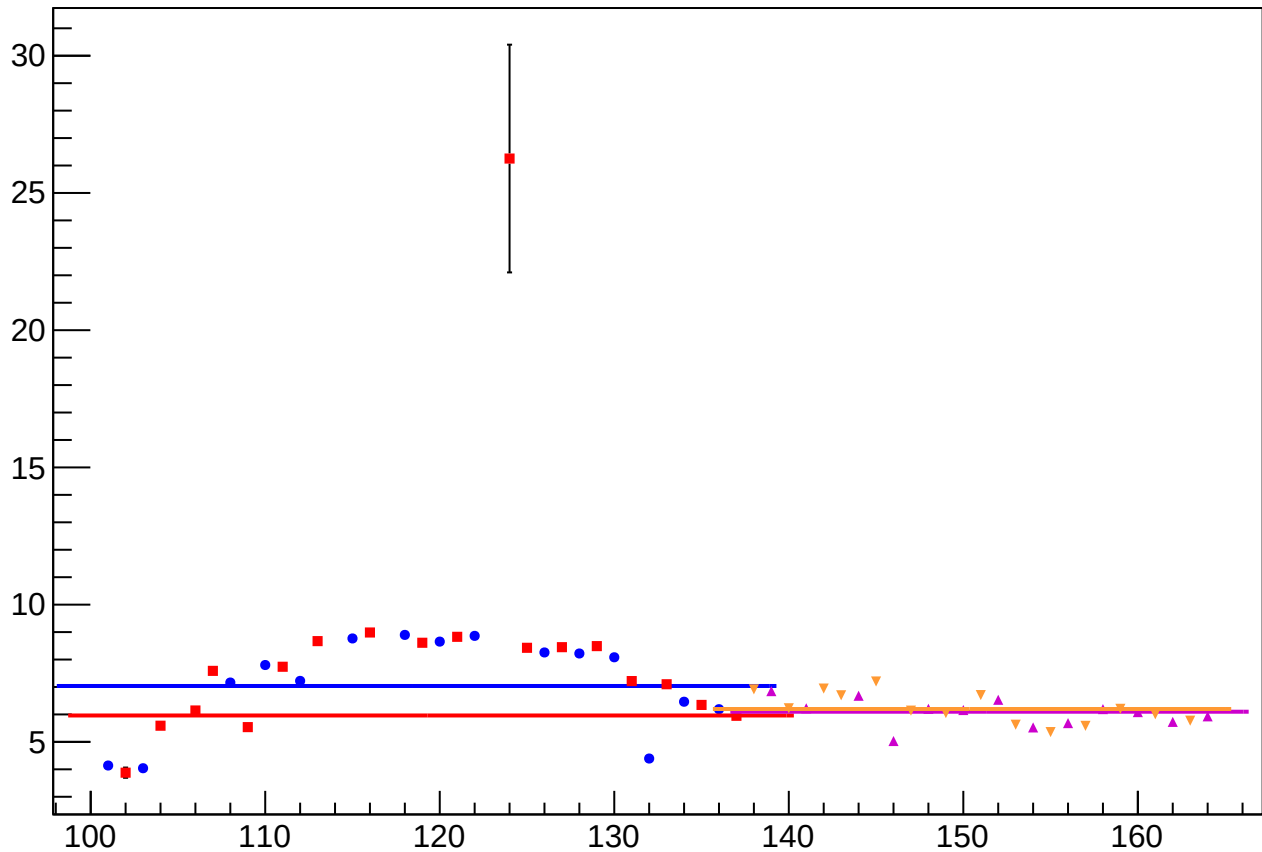
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.392 ± 0.001 $\chi^2/\text{NDF}: 14592.8/27$

Out: 0.377 ± 0.001 $\chi^2/\text{NDF}: 8484.6/31$

All: 0.385 ± 0.000 $\chi^2/\text{NDF}: 23492.4/59$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.198 $\pm$ 0.002 χ^2 /NDF: 26960.2/13

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.099 $\pm$ 0.002 χ^2 /NDF: 28793.3/12

Left: 6.141 $\pm$ 0.001 χ^2 /NDF: 57219.2/26

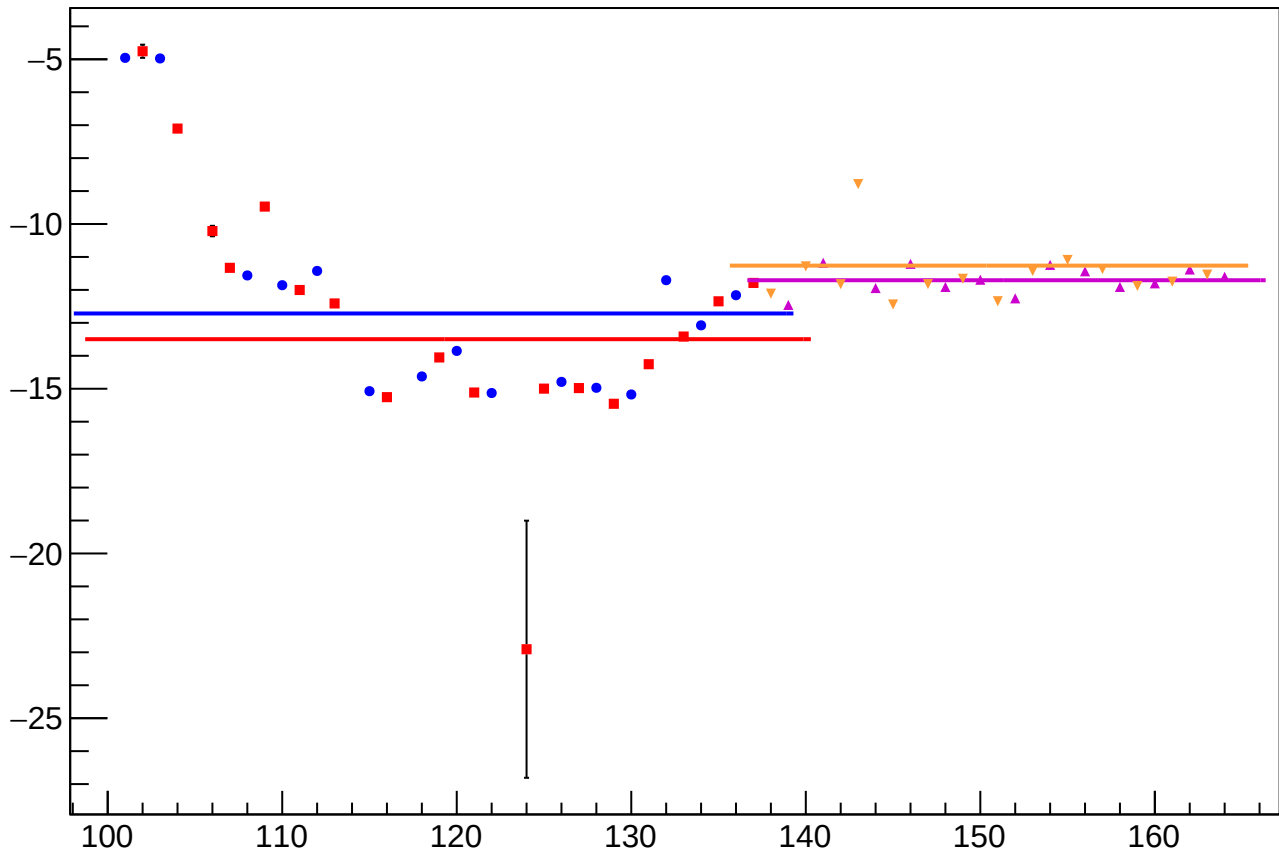
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.214 $\pm$ 0.002 χ^2 /NDF: 136375.1/27

Out: 5.972 $\pm$ 0.000 χ^2 /NDF: 209385.6/31

All: 5.986 $\pm$ 0.000 χ^2 /NDF: 367741.6/59

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.263 $\pm$ 0.003 χ^2 /NDF: 196848.5/13

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.707 $\pm$ 0.002 χ^2 /NDF: 13054.6/12

Left: -11.499 $\pm$ 0.002 χ^2 /NDF: 226425.6/26

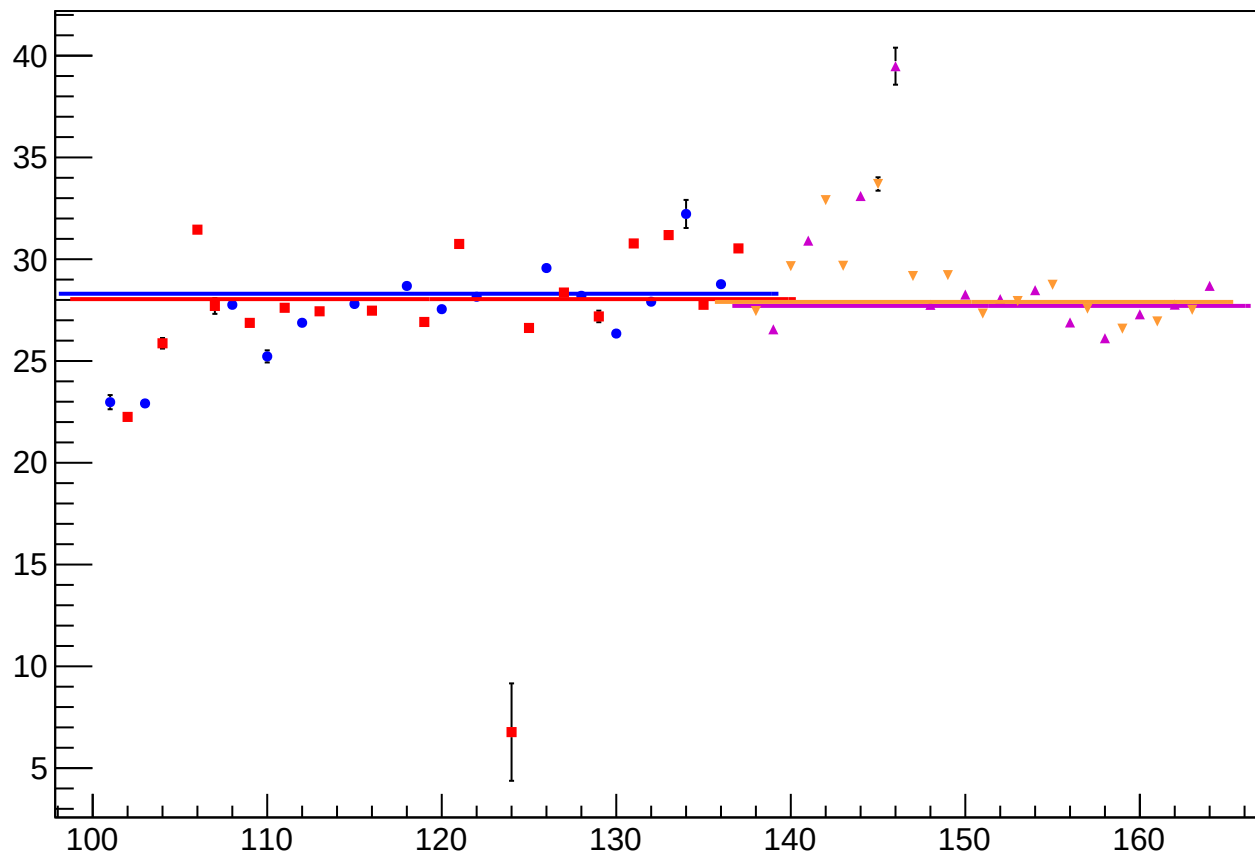
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.828 $\pm$ 0.002 χ^2 /NDF: 120280.3/27

Out: -11.617 $\pm$ 0.002 χ^2 /NDF: 376880.1/31

All: -11.727 $\pm$ 0.002 χ^2 /NDF: 501523.8/59

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.903 ± 0.021 $\chi^2/\text{NDF}: 3551.5/13$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.708 ± 0.017 $\chi^2/\text{NDF}: 4635.4/12$

Left: 27.783 ± 0.013 $\chi^2/\text{NDF}: 8238.7/26$

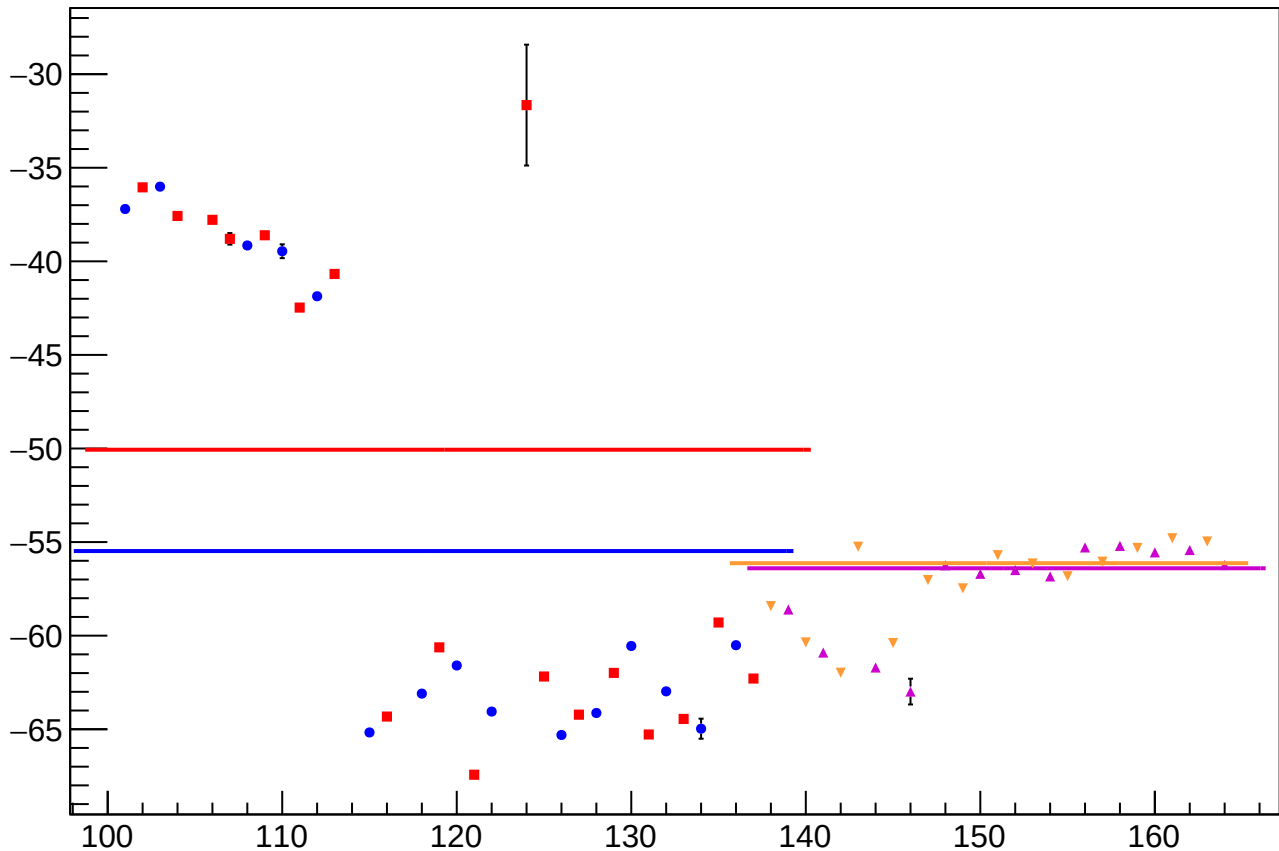
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.915 ± 0.014 $\chi^2/\text{NDF}: 8470.4/27$

Out: 27.948 ± 0.017 $\chi^2/\text{NDF}: 6126.7/31$

All: 27.928 ± 0.011 $\chi^2/\text{NDF}: 14599.3/59$

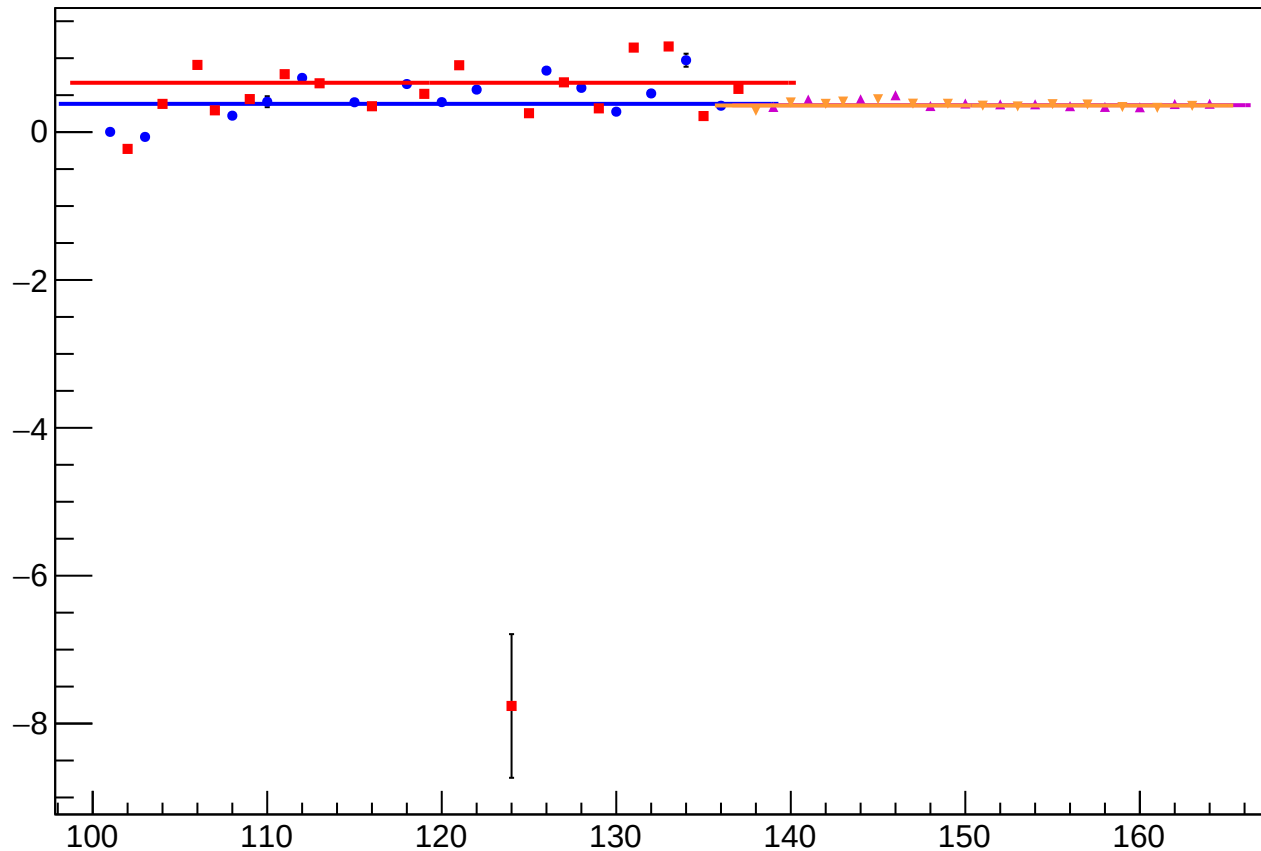
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.127 ± 0.018 $\chi^2/\text{NDF}: 6577.3/13$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.400 ± 0.014 $\chi^2/\text{NDF}: 8062.3/12$

Left: -56.295 ± 0.011 $\chi^2/\text{NDF}: 14781.2/26$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.009 ± 0.011 $\chi^2/\text{NDF}: 604977.3/27$
 Out: -53.844 ± 0.014 $\chi^2/\text{NDF}: 389514.8/31$
 All: -55.215 ± 0.009 $\chi^2/\text{NDF}: 1009220.0/59$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.360 ± 0.000 $\chi^2/\text{NDF}: 3859.3/13$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.364 ± 0.000 $\chi^2/\text{NDF}: 4986.0/12$

Left: 0.363 ± 0.000 $\chi^2/\text{NDF}: 8897.3/26$

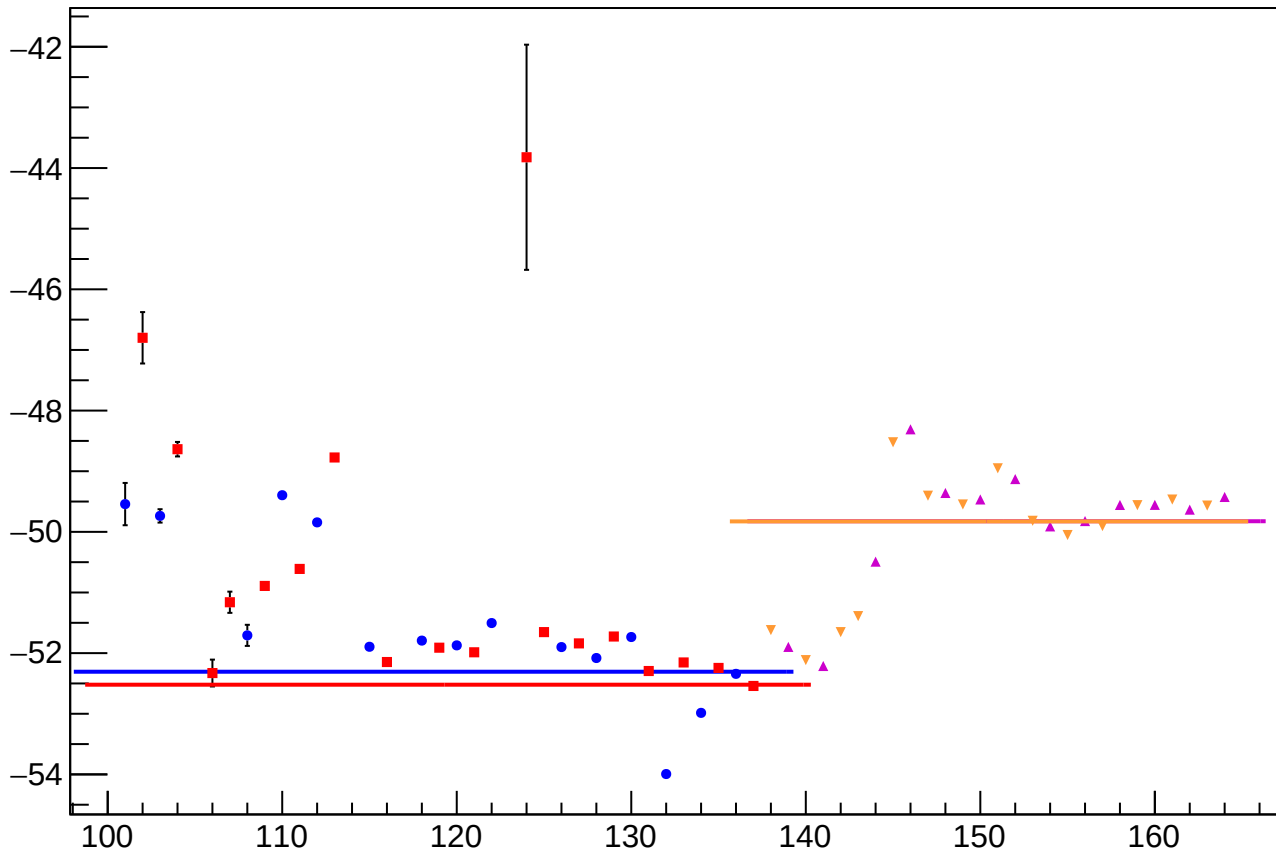
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 9701.4/27$

Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 11979.1/31$

All: 0.364 ± 0.000 $\chi^2/\text{NDF}: 21700.1/59$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF : 25427.4/14

Left Out: -49.827+/-0.002 χ^2/NDF :167658.1/13

Right Out: -52.521+/-0.001 χ^2/NDF : 14961.7/17

Left In: -49.825+/-0.002 χ^2/NDF :233666.8/12

Left: -49.826+/-0.001 χ^2/NDF : 401326.2/26

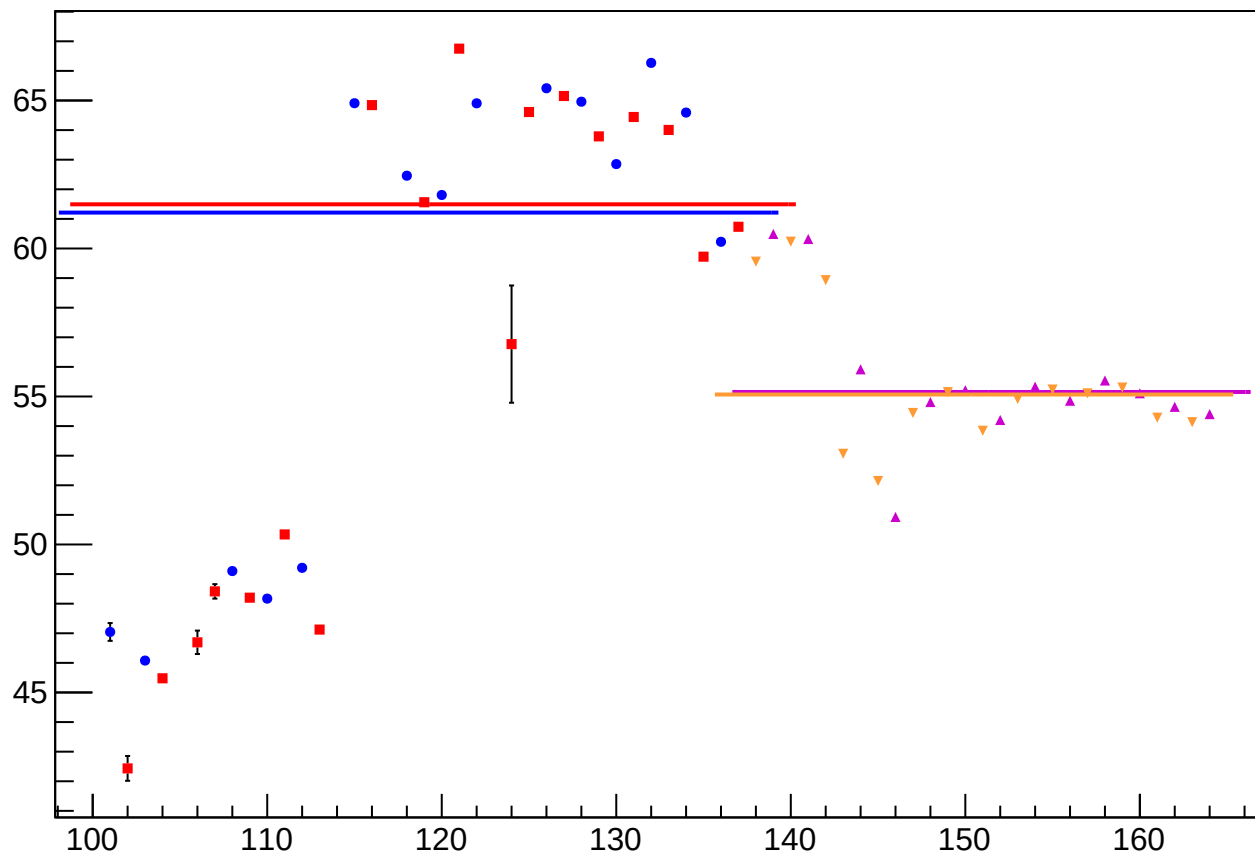
Right: -52.505+/-0.001 χ^2/NDF : 43203.2/32

In: -50.187+/-0.001 χ^2/NDF :608488.3/27

Out: -51.725+/-0.001 χ^2/NDF :1942884.6/31

All: -51.293+/-0.001 χ^2/NDF : 3326972.0/59

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 55.067 $\pm$ 0.004 χ^2 /NDF: 203600.0/13

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.152 $\pm$ 0.003 χ^2 /NDF: 62519.3/12

Left: 55.116 $\pm$ 0.002 χ^2 /NDF: 266450.6/26

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.675 $\pm$ 0.003 χ^2 /NDF: 559698.3/27

Out: 56.480 $\pm$ 0.003 χ^2 /NDF: 1161025.1/31

All: 56.046 $\pm$ 0.002 χ^2 /NDF: 1755919.5/59

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

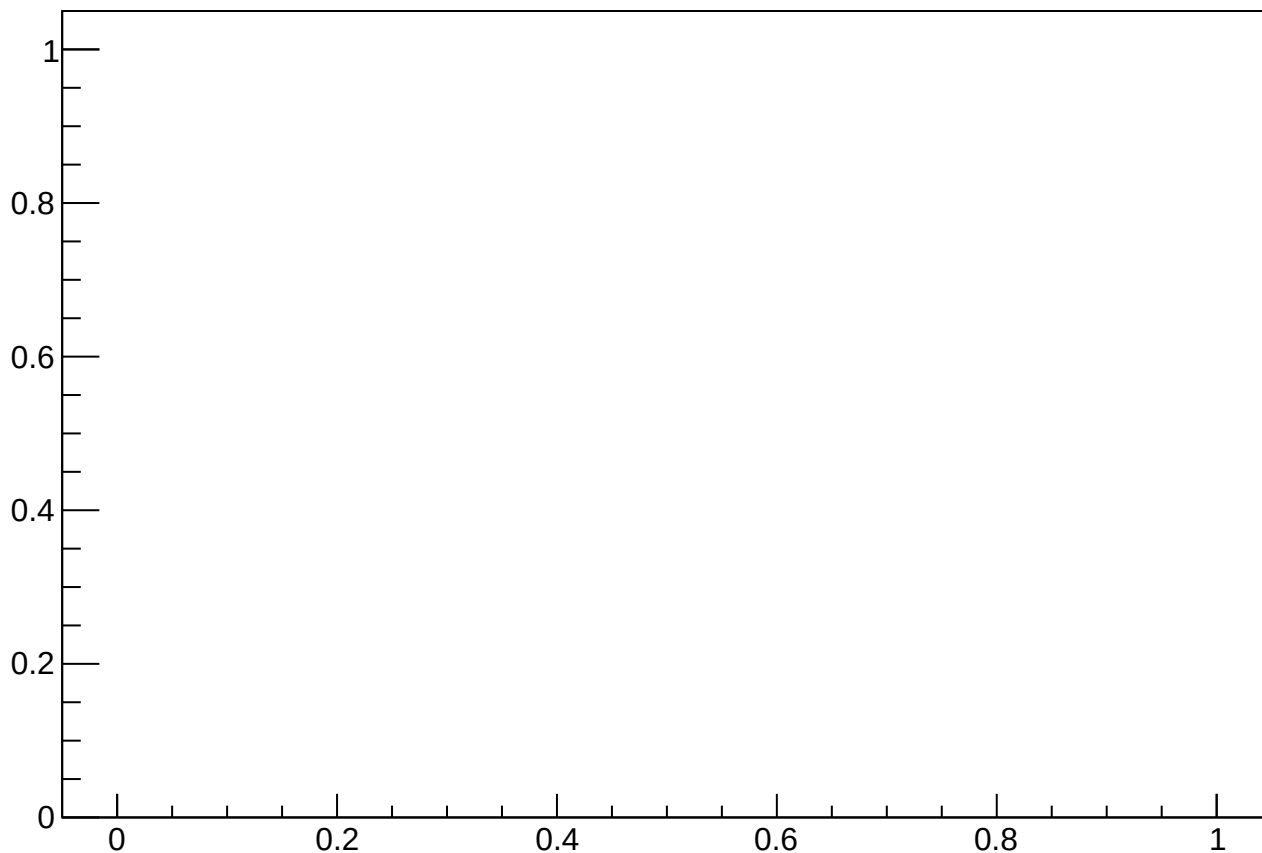
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

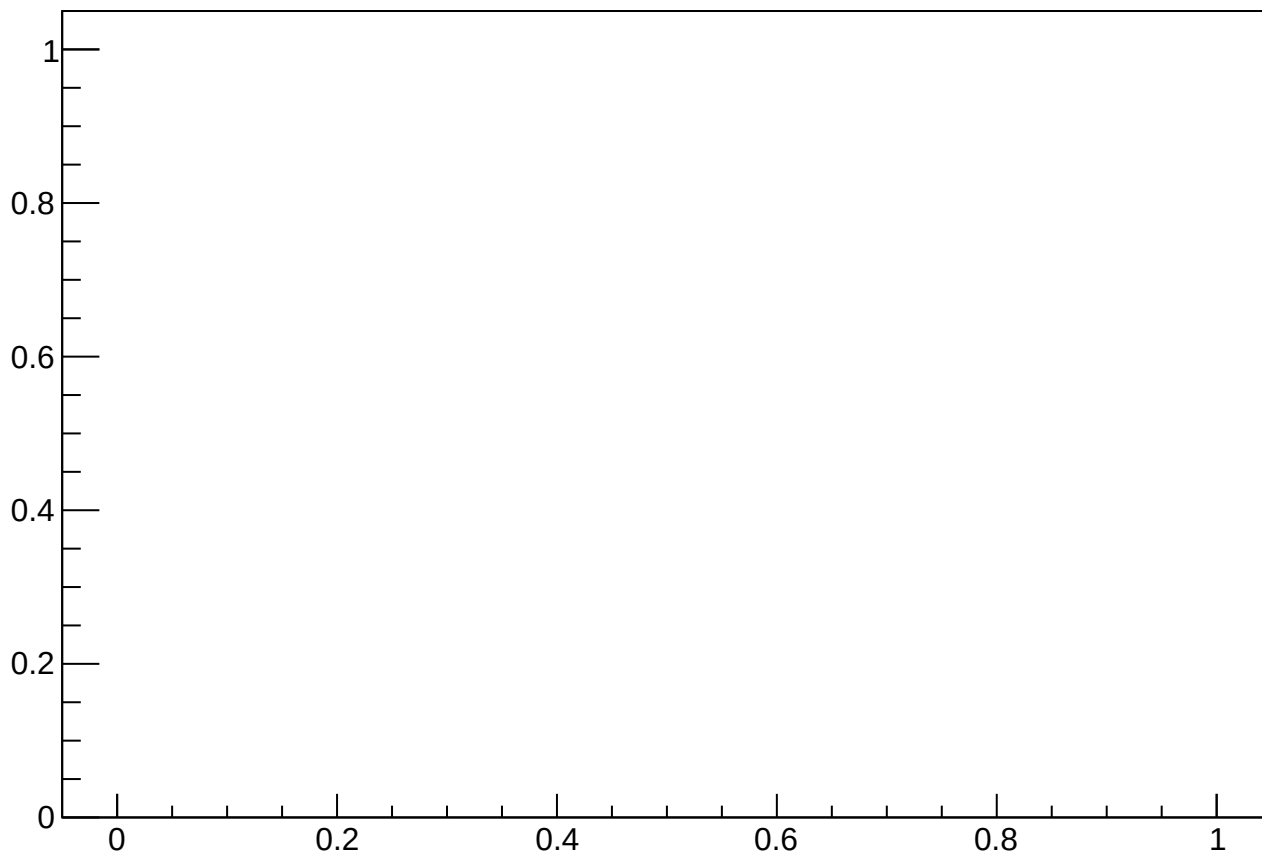
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

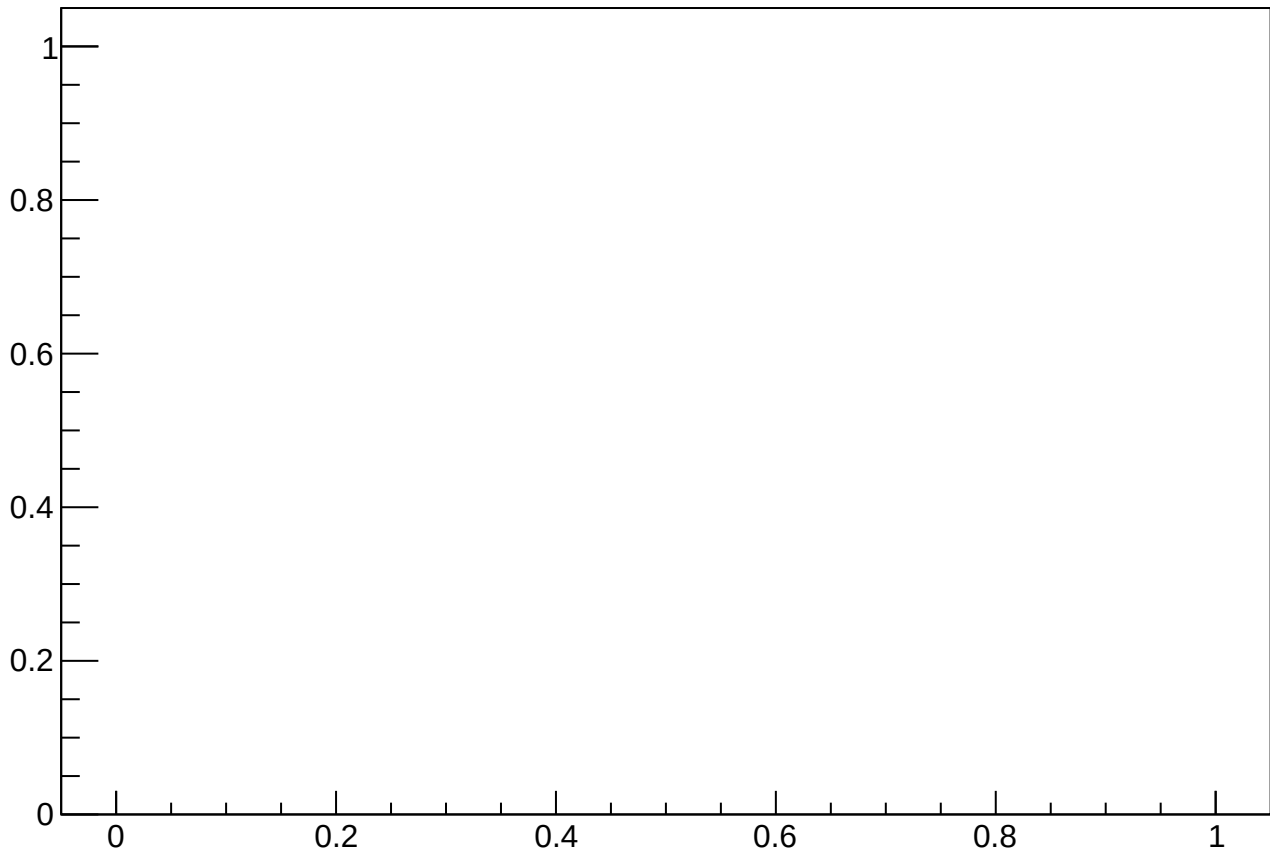
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

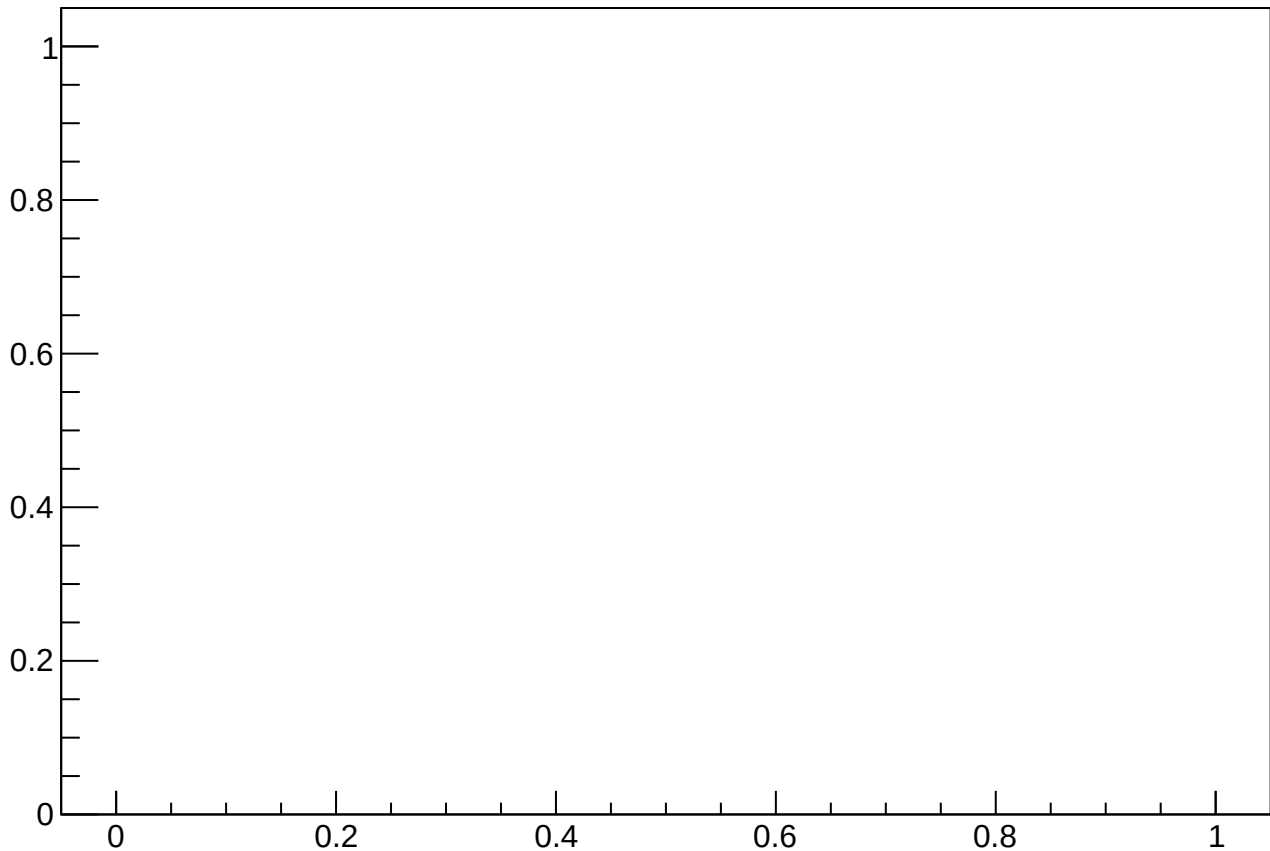
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

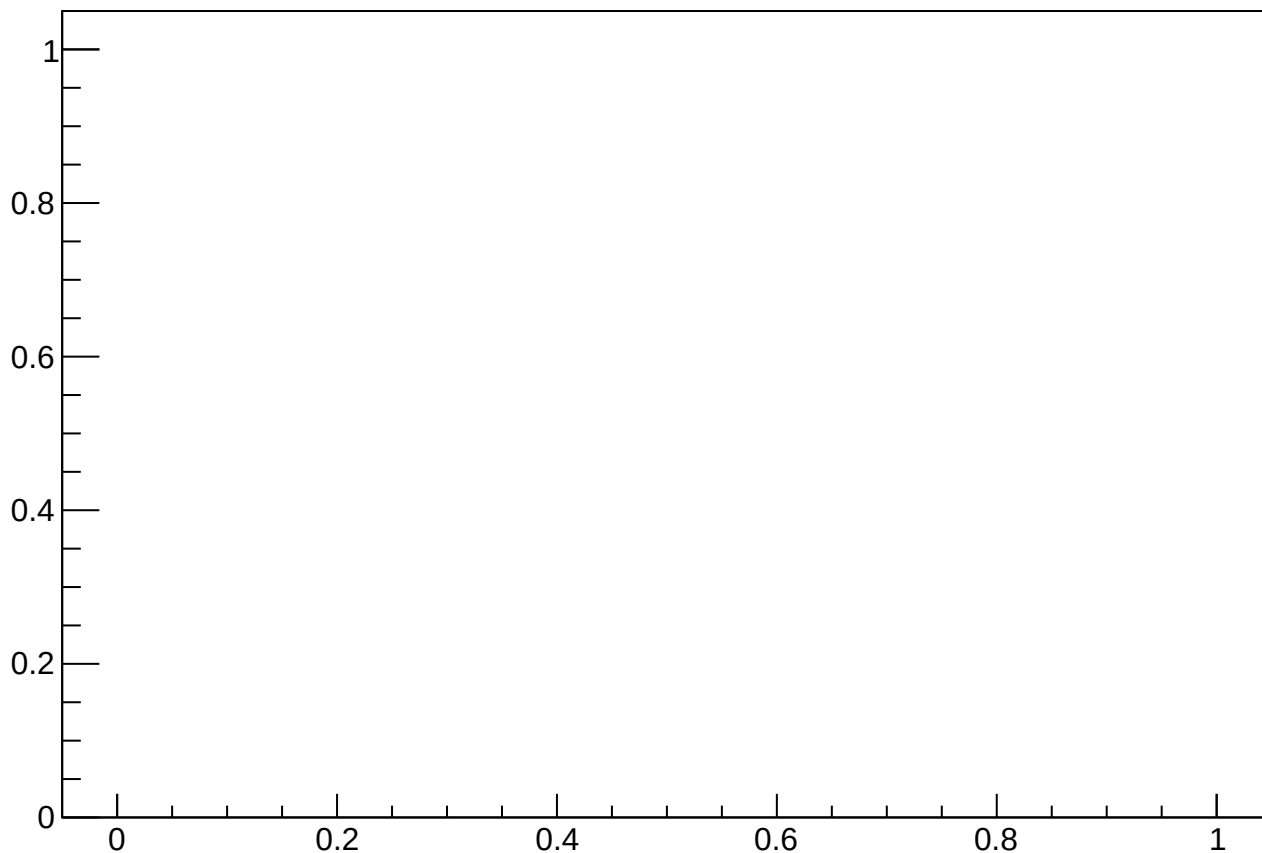
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

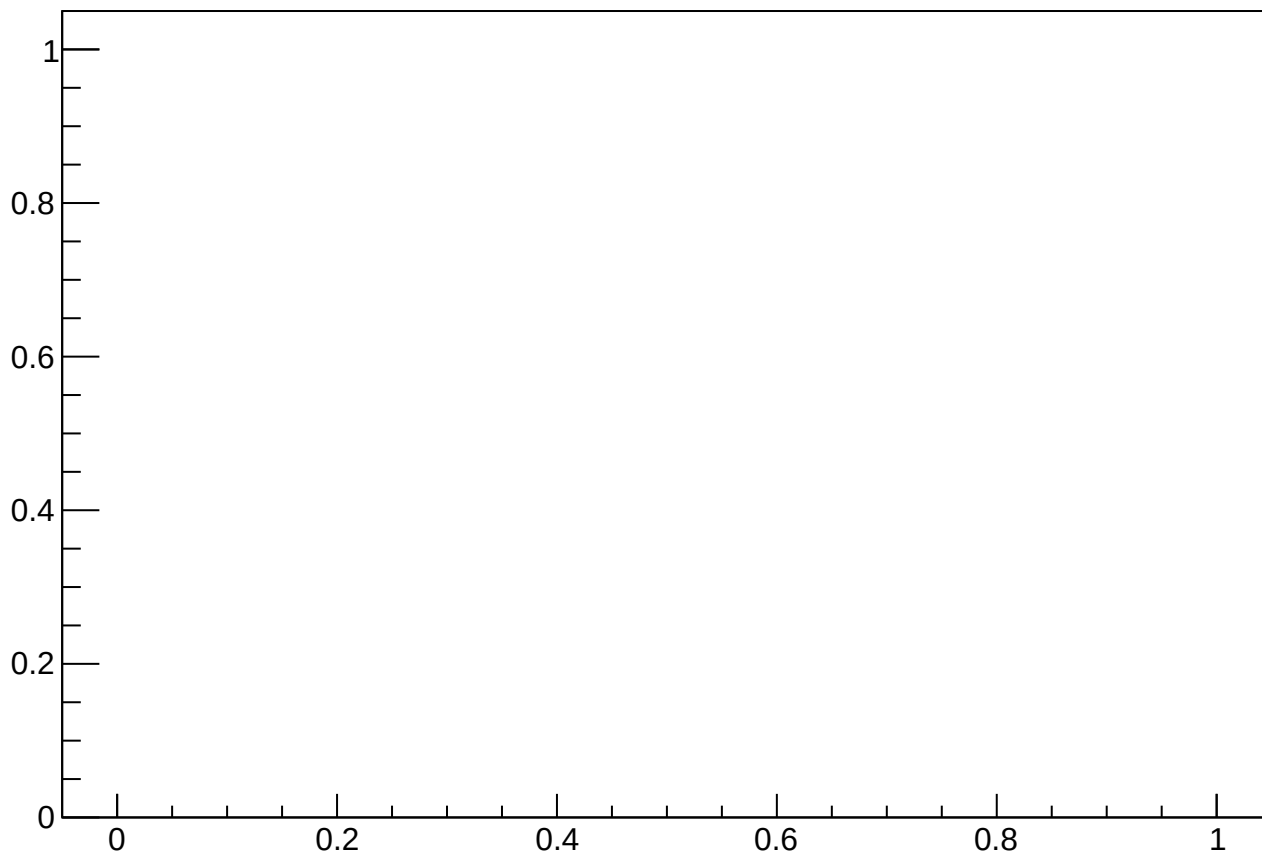
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

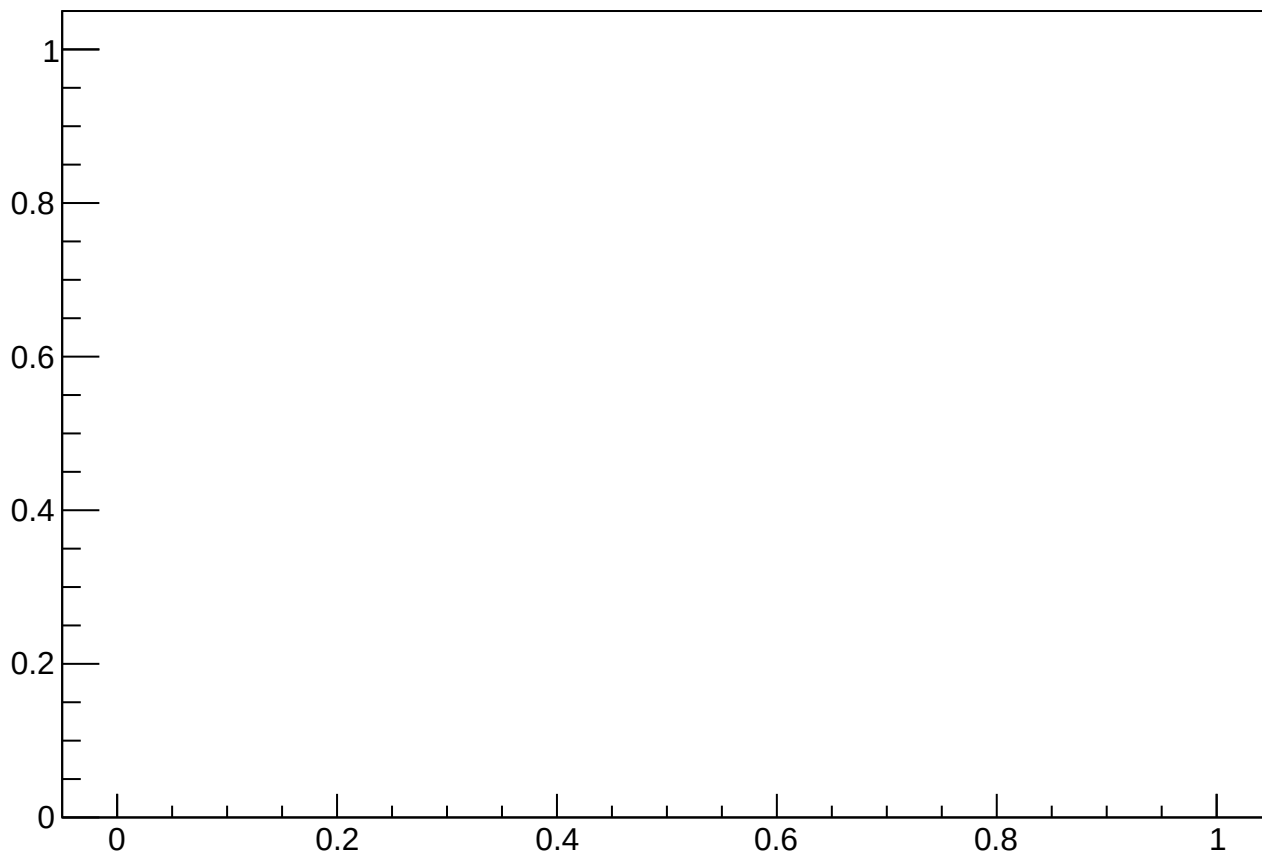
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

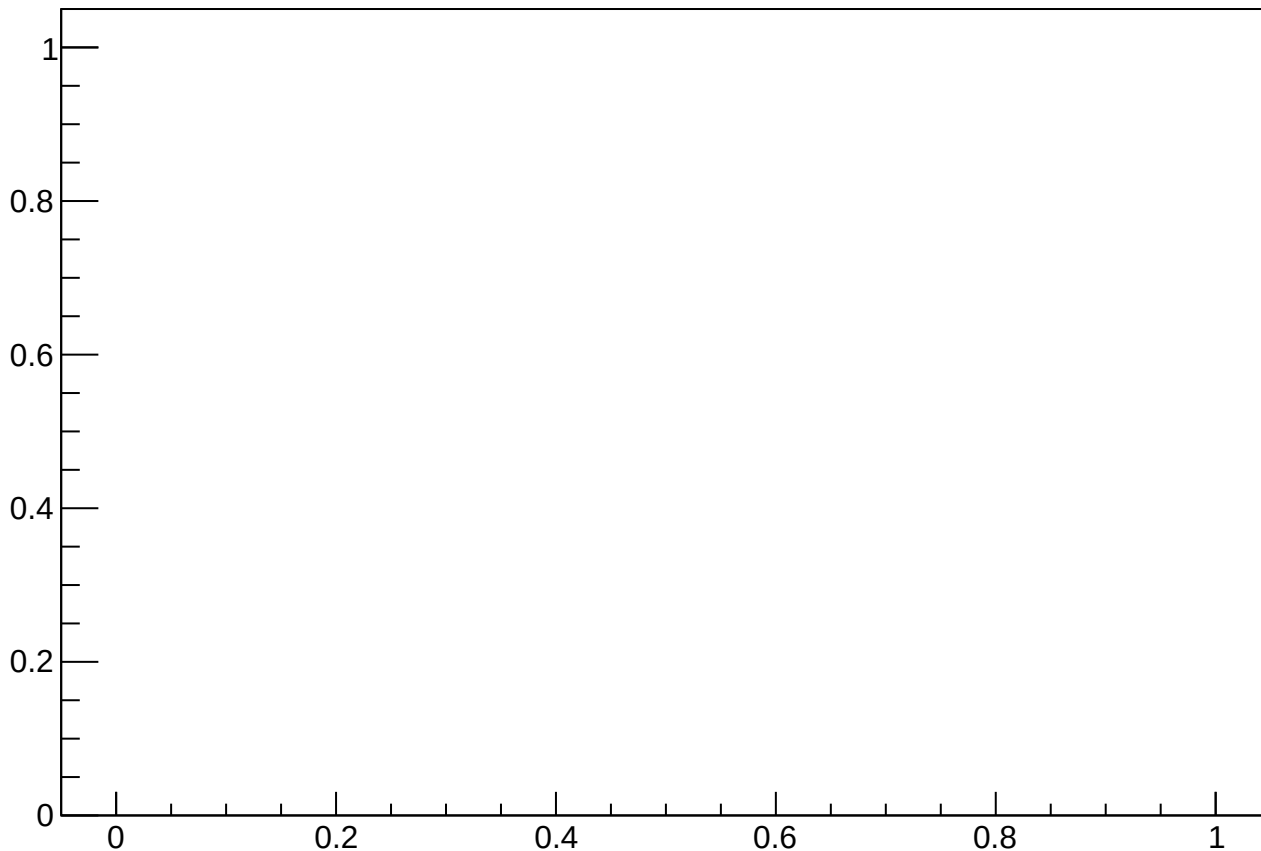
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

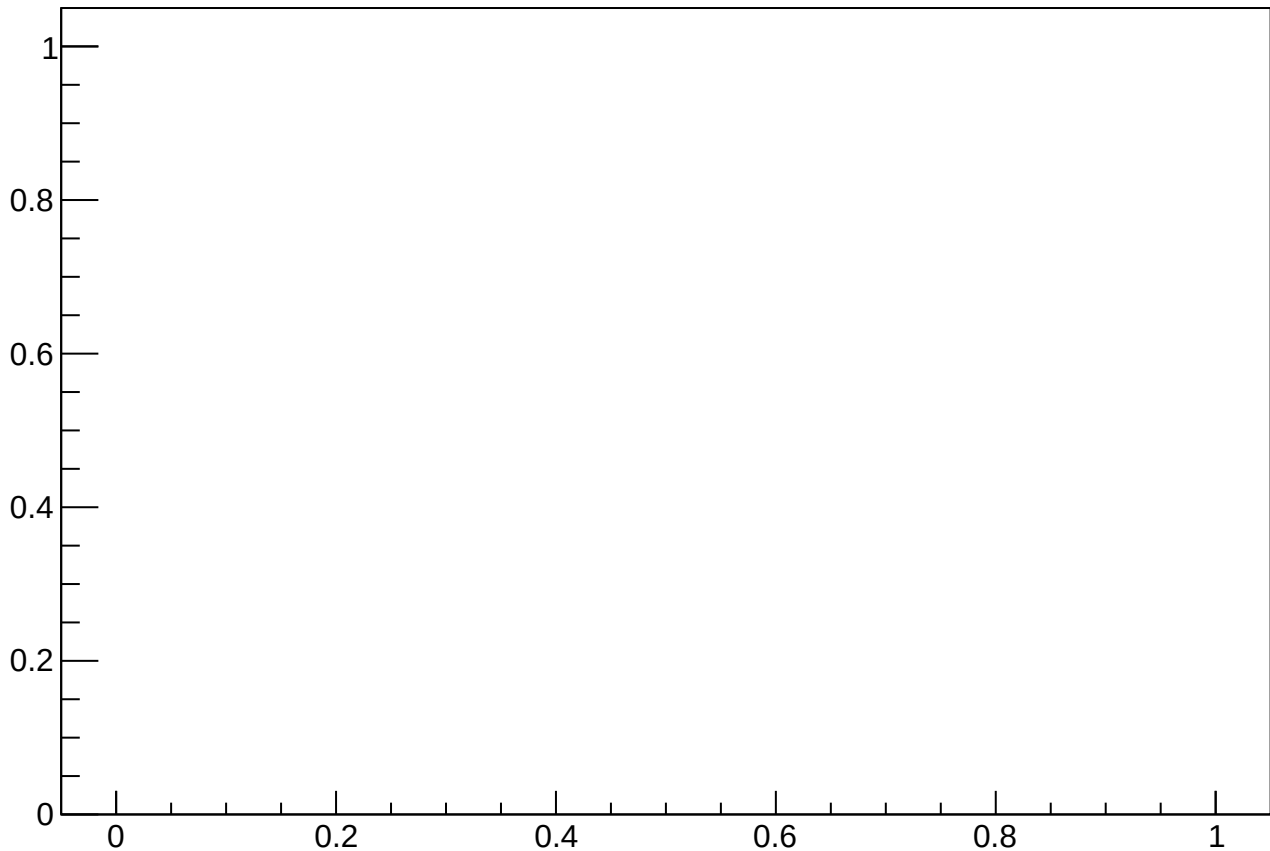
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

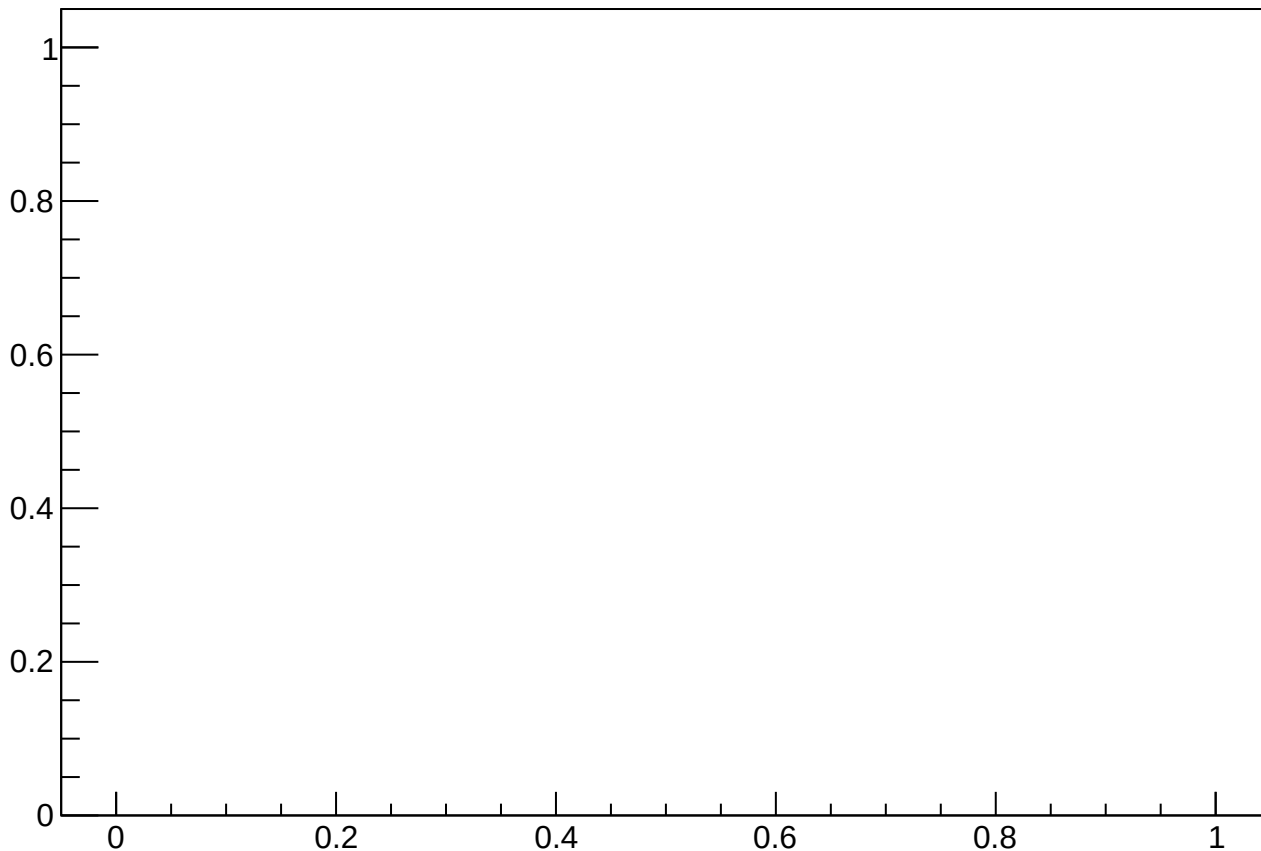
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

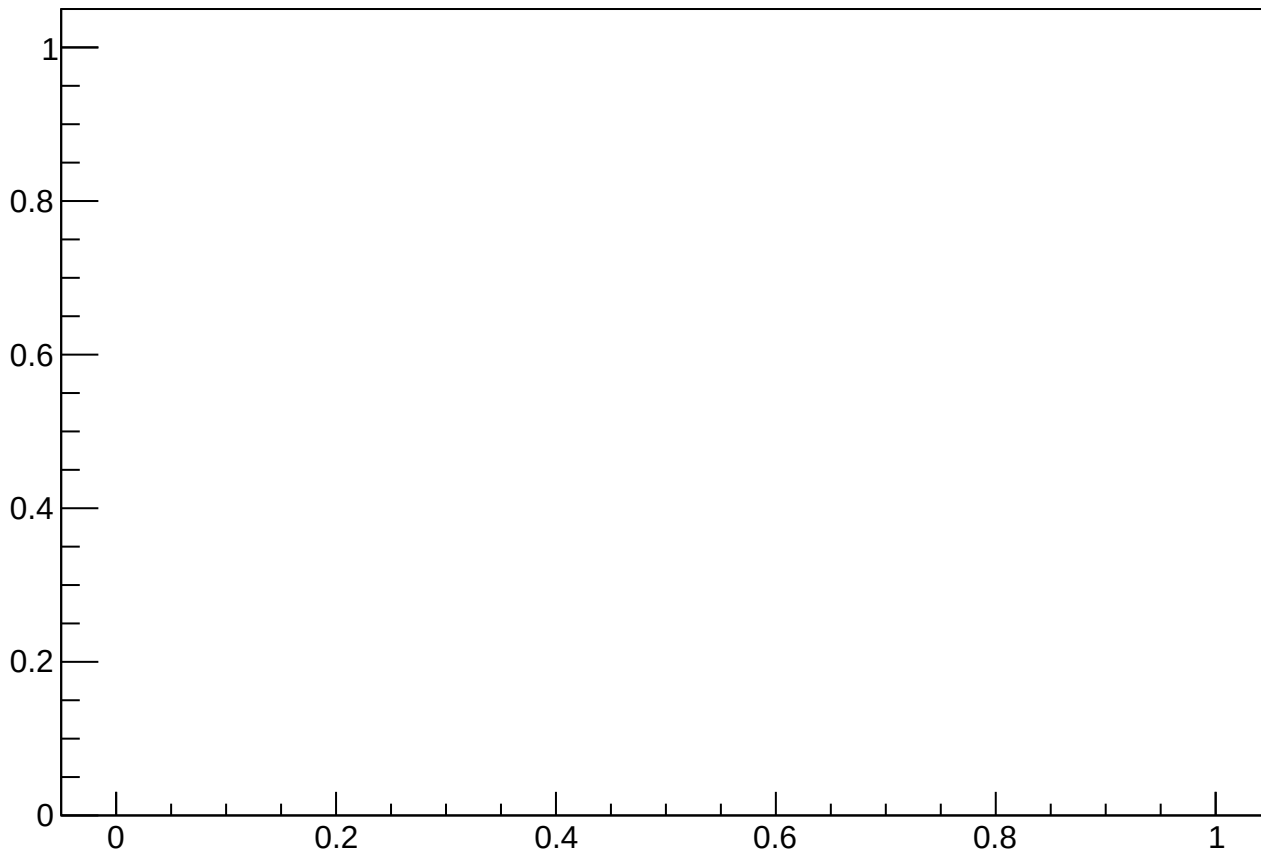
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

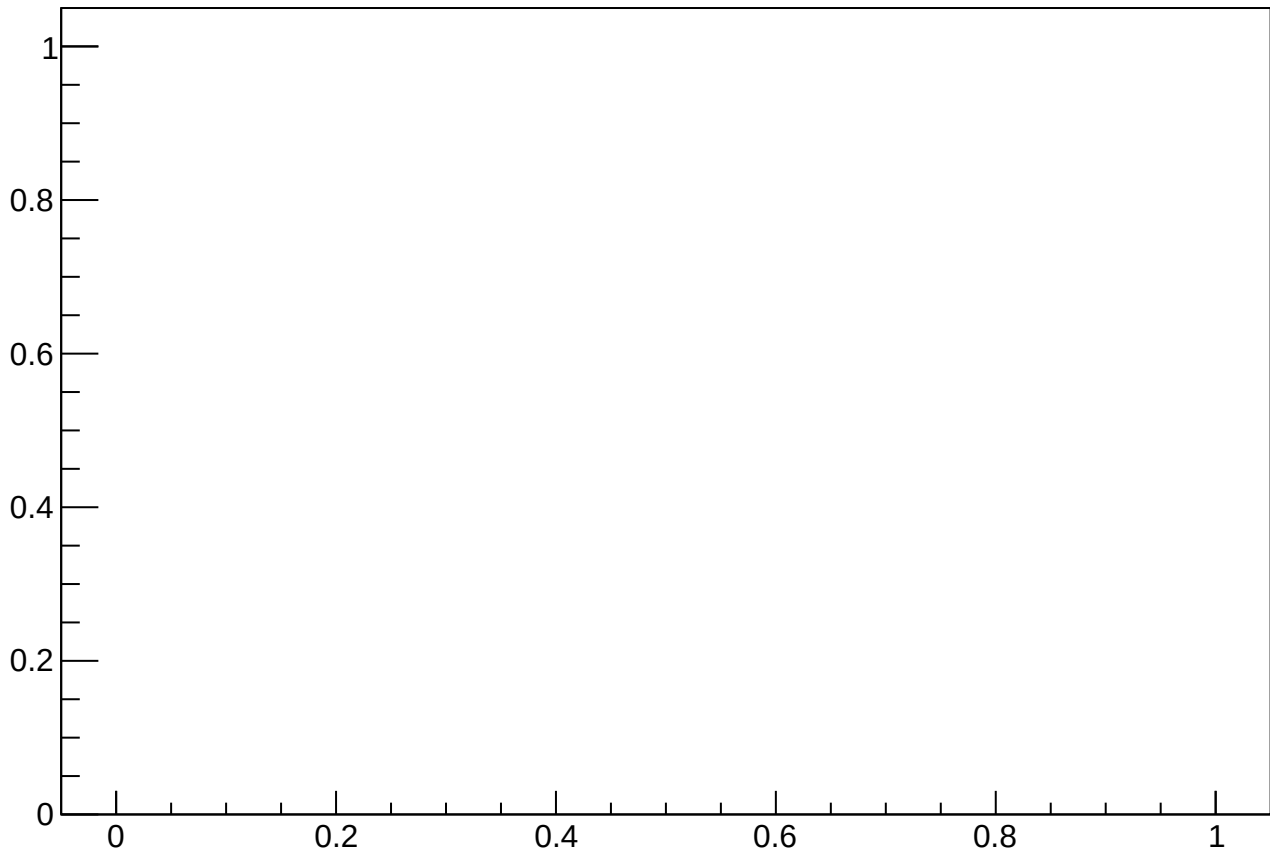
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

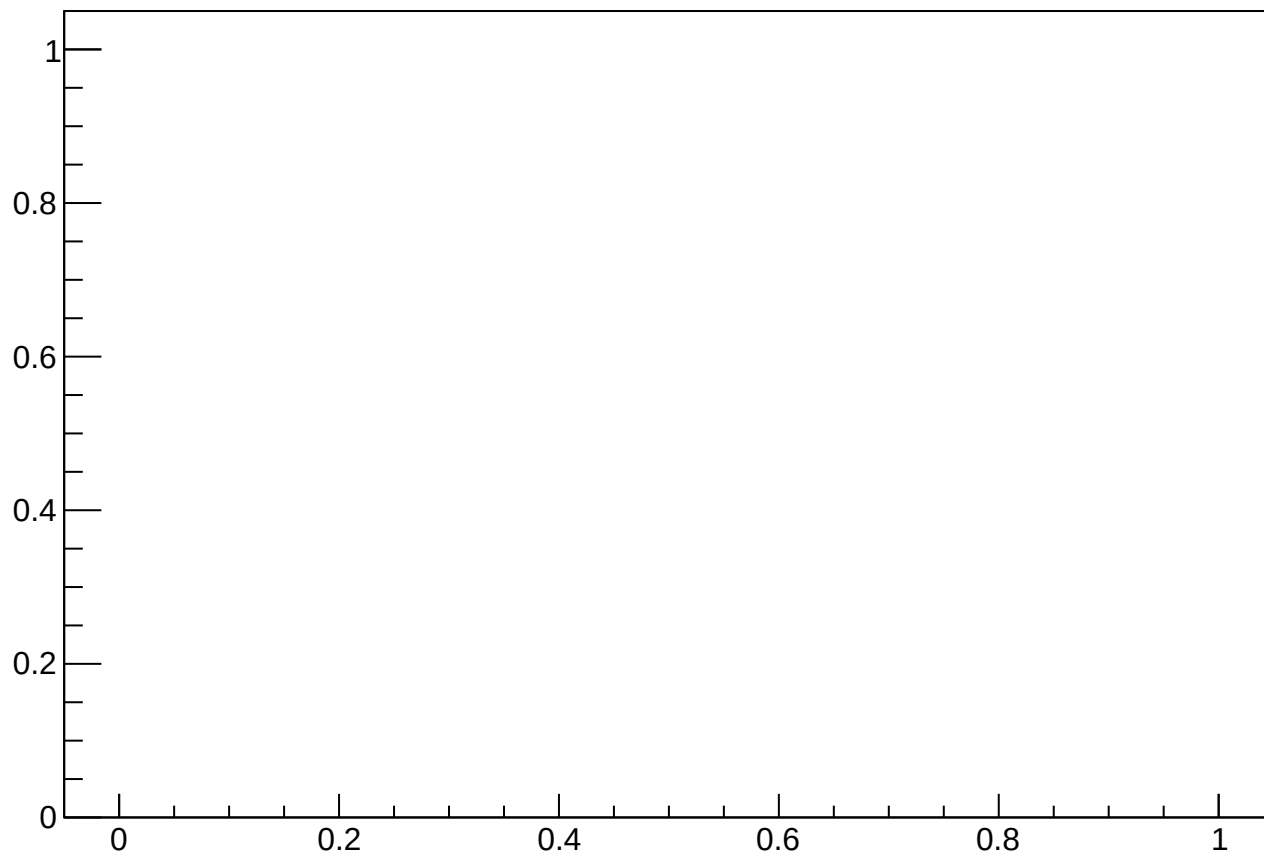
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

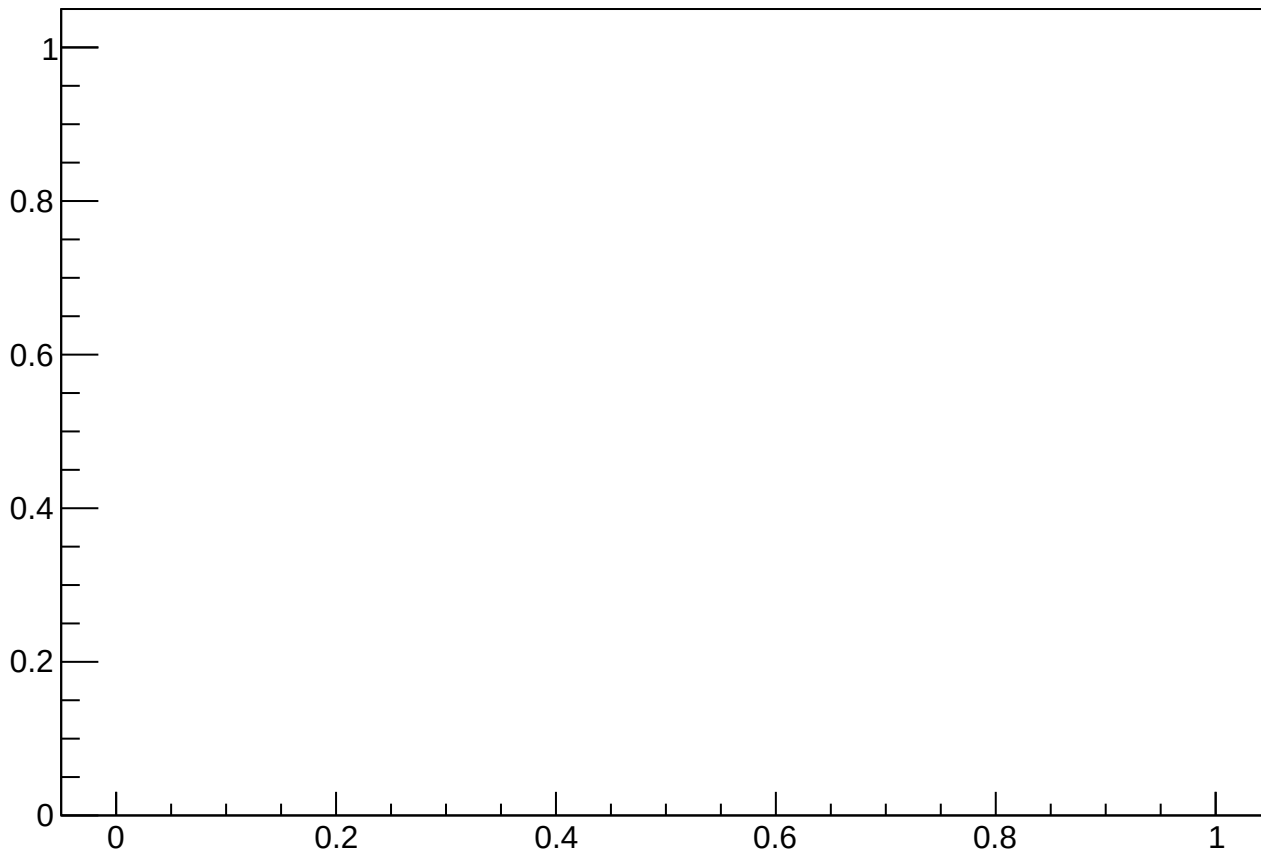
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

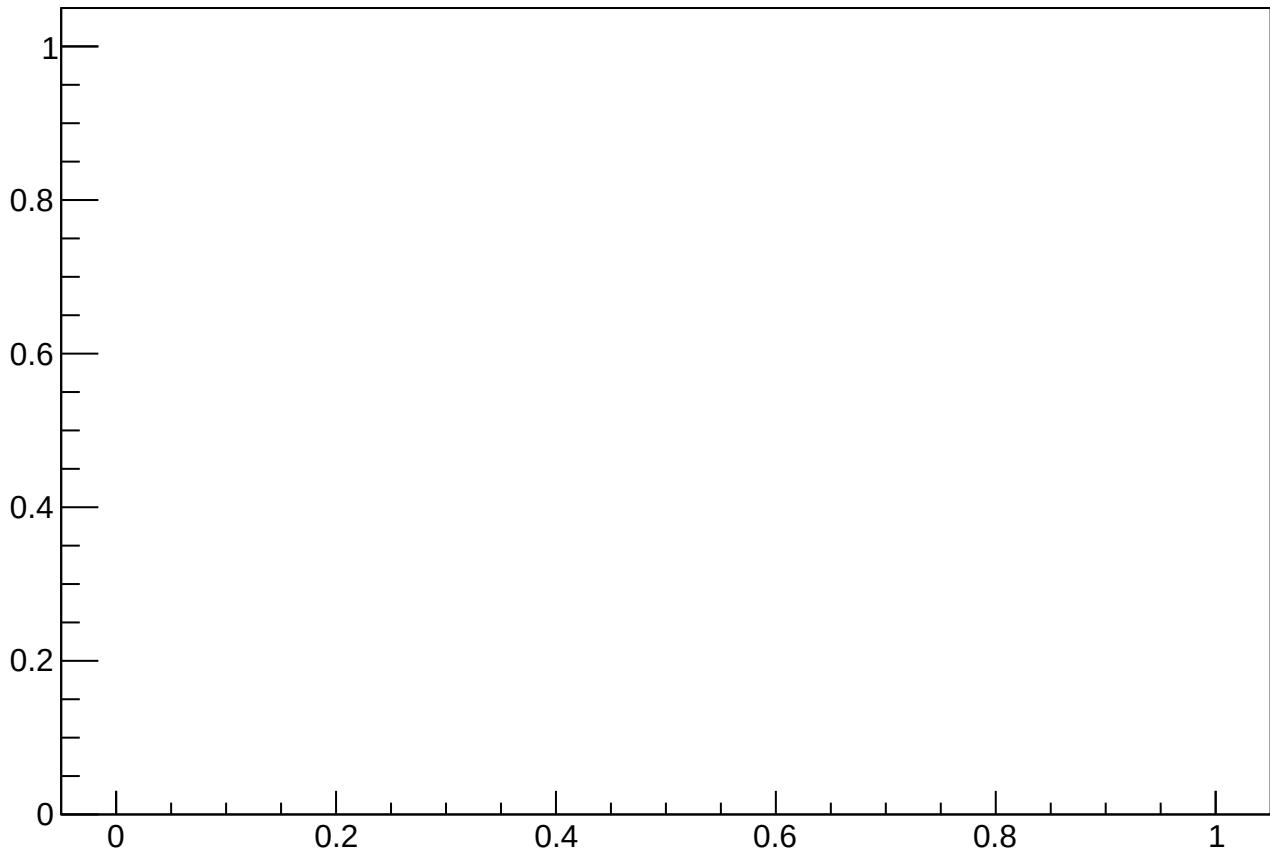
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

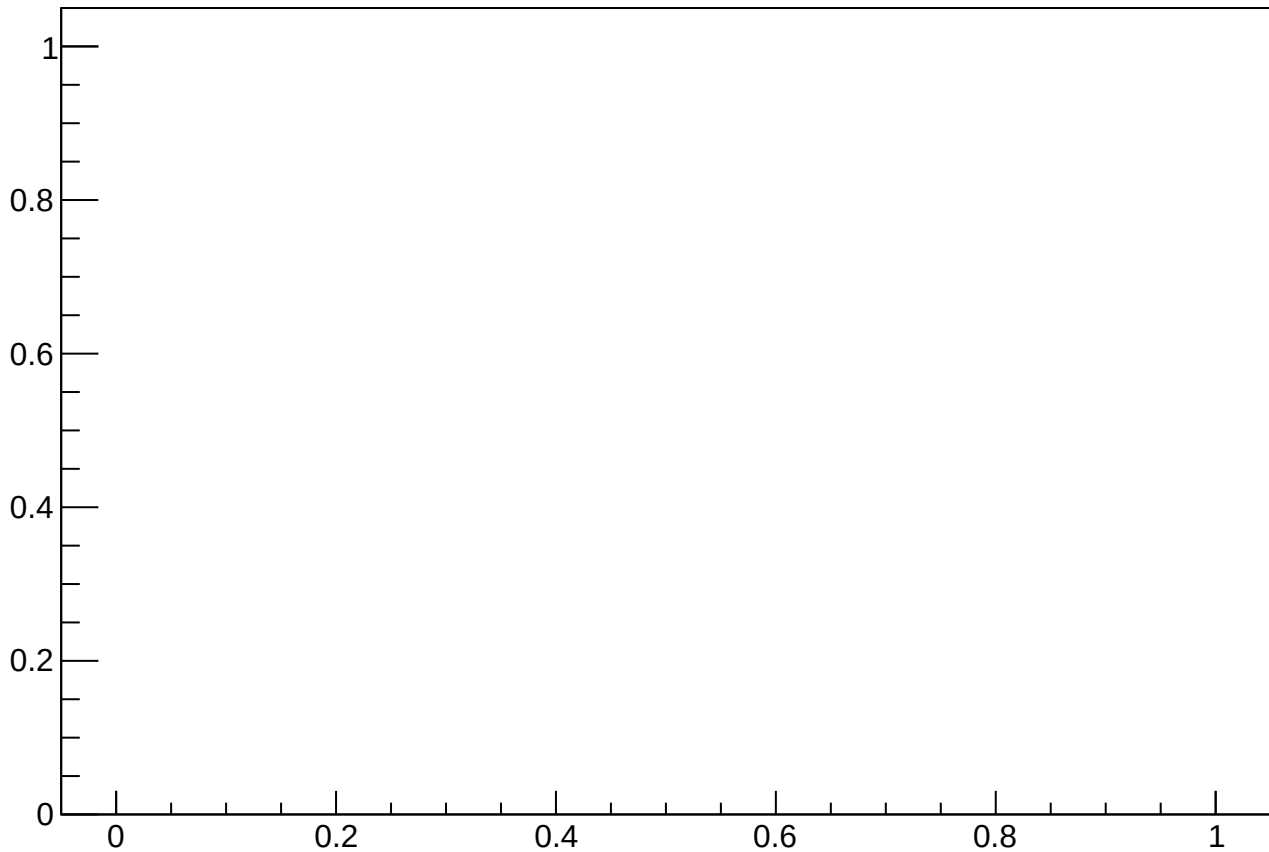
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

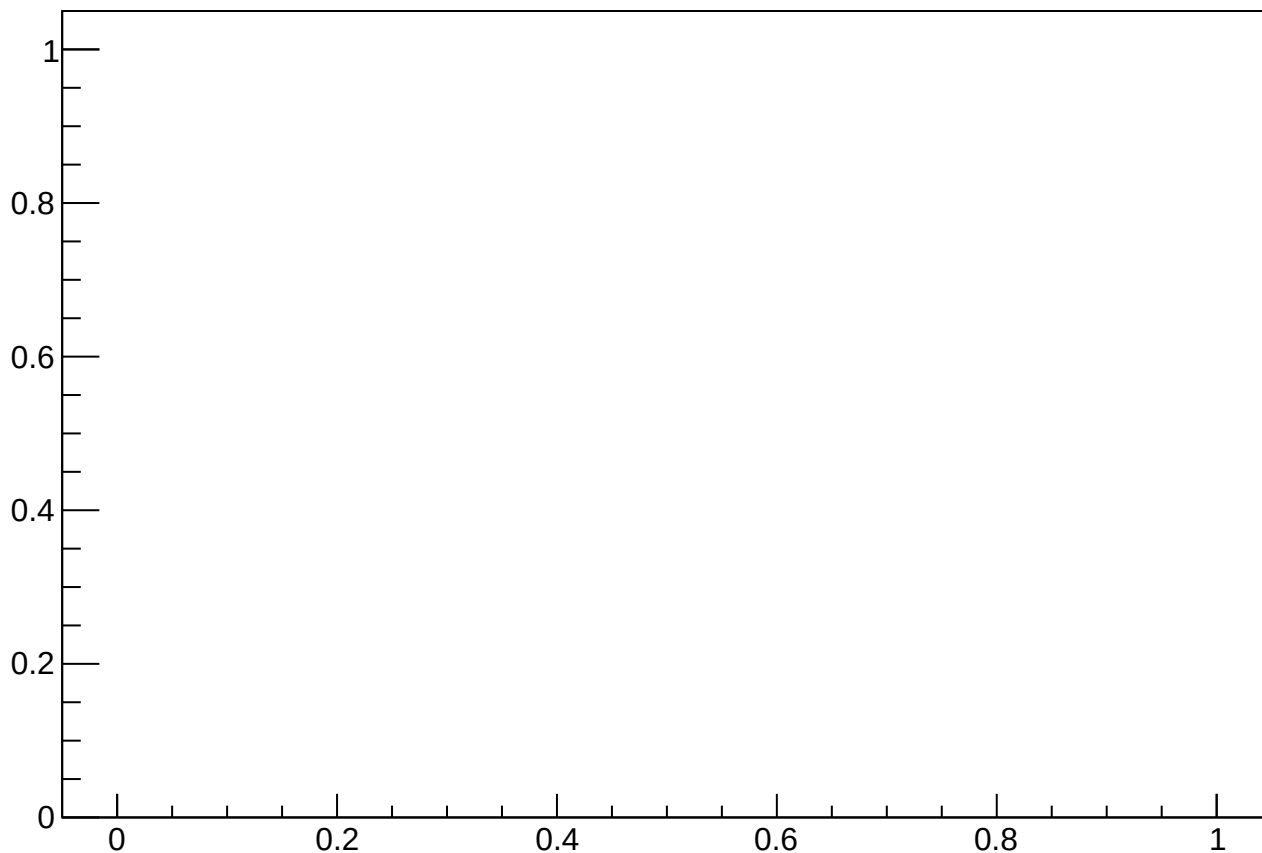
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

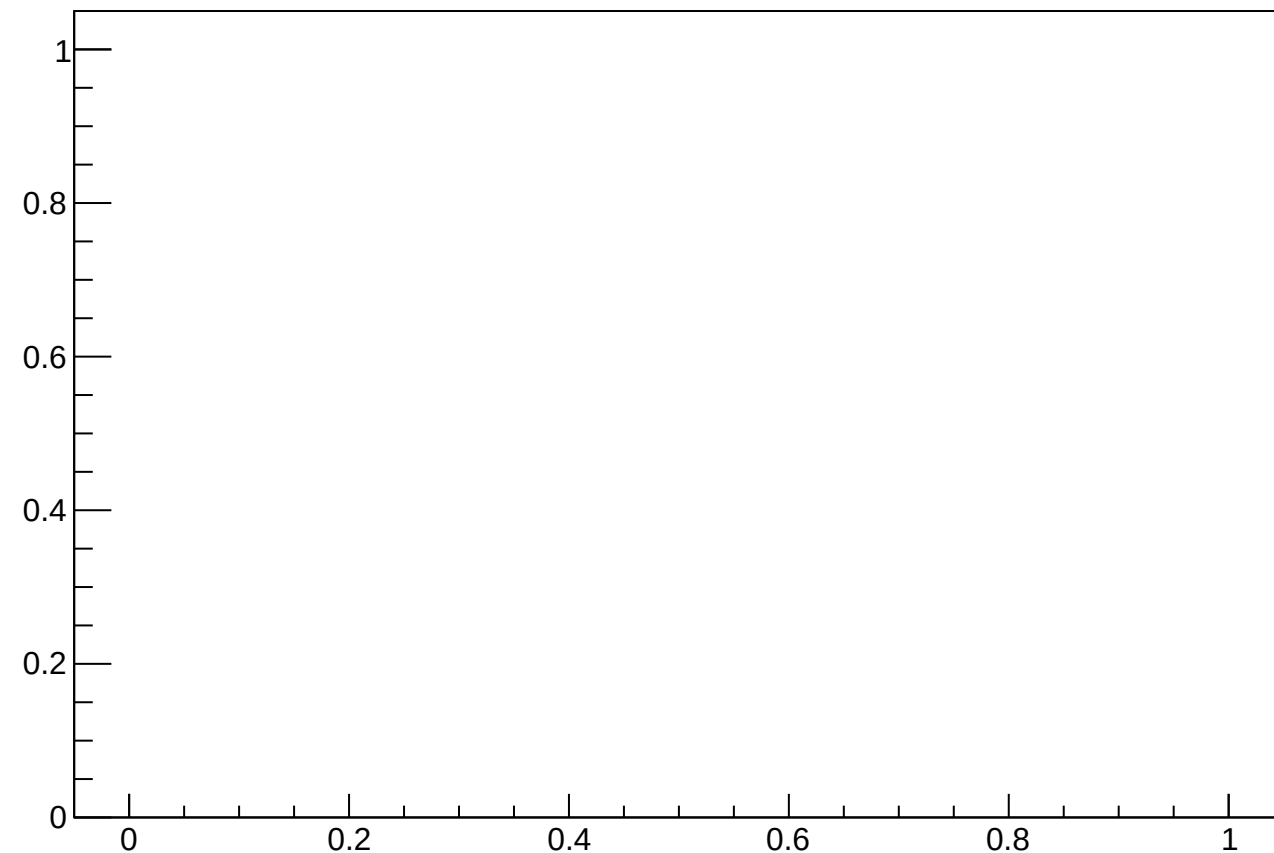
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

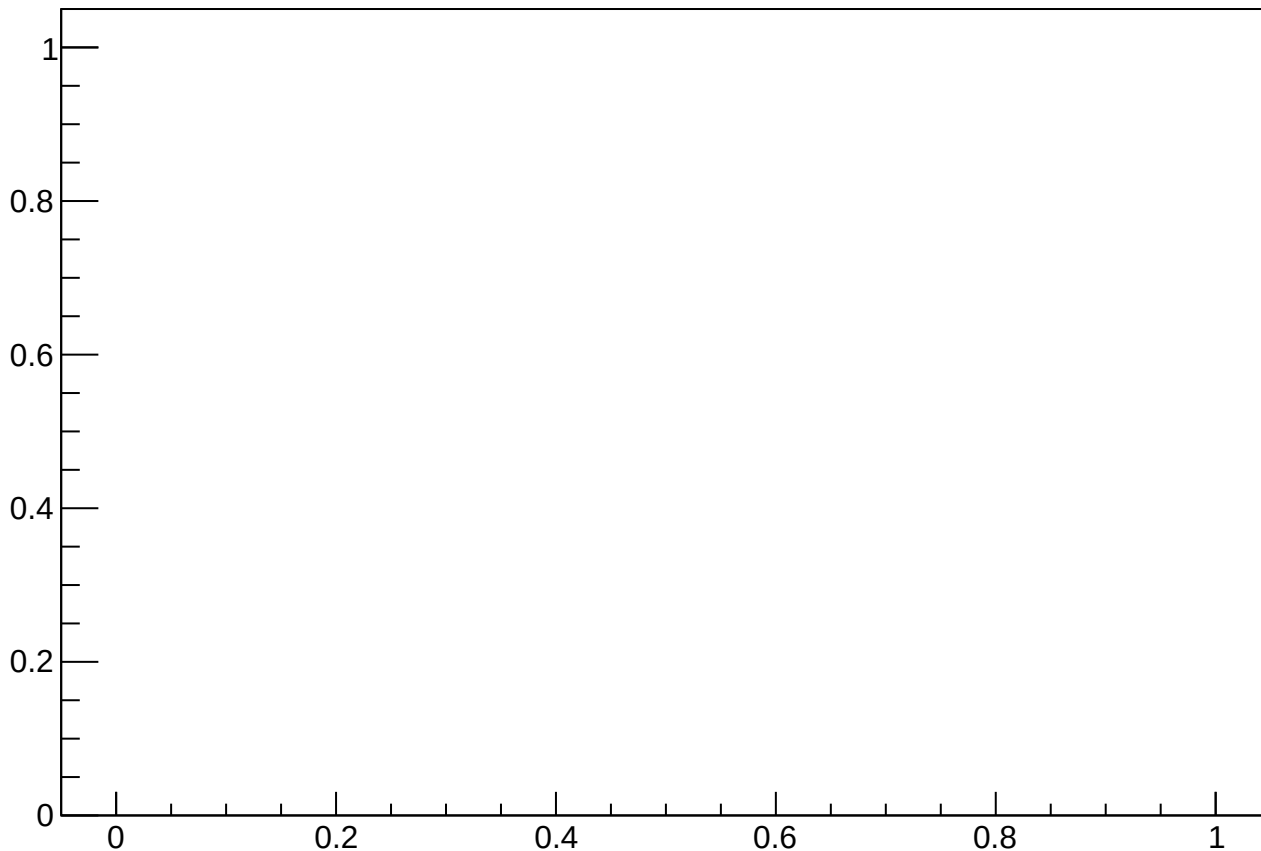
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

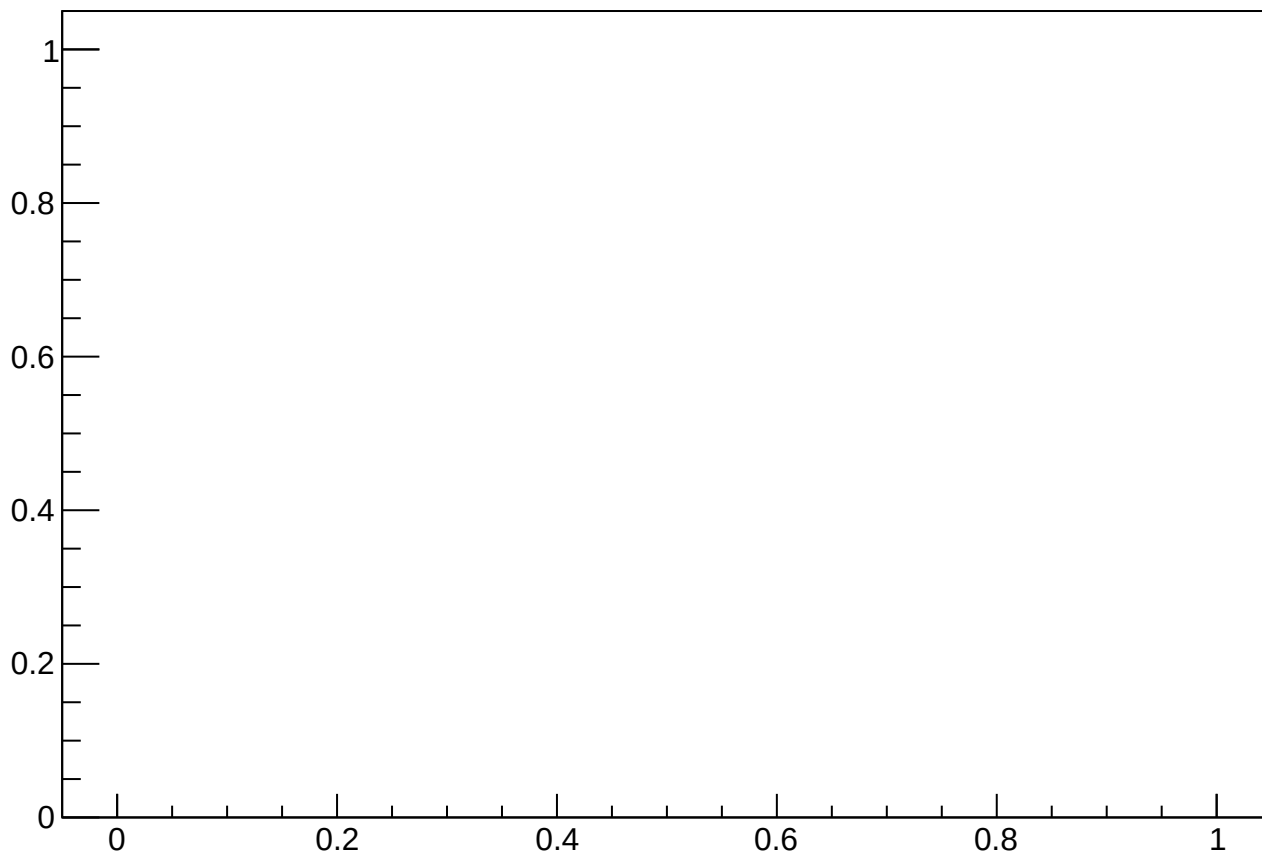
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

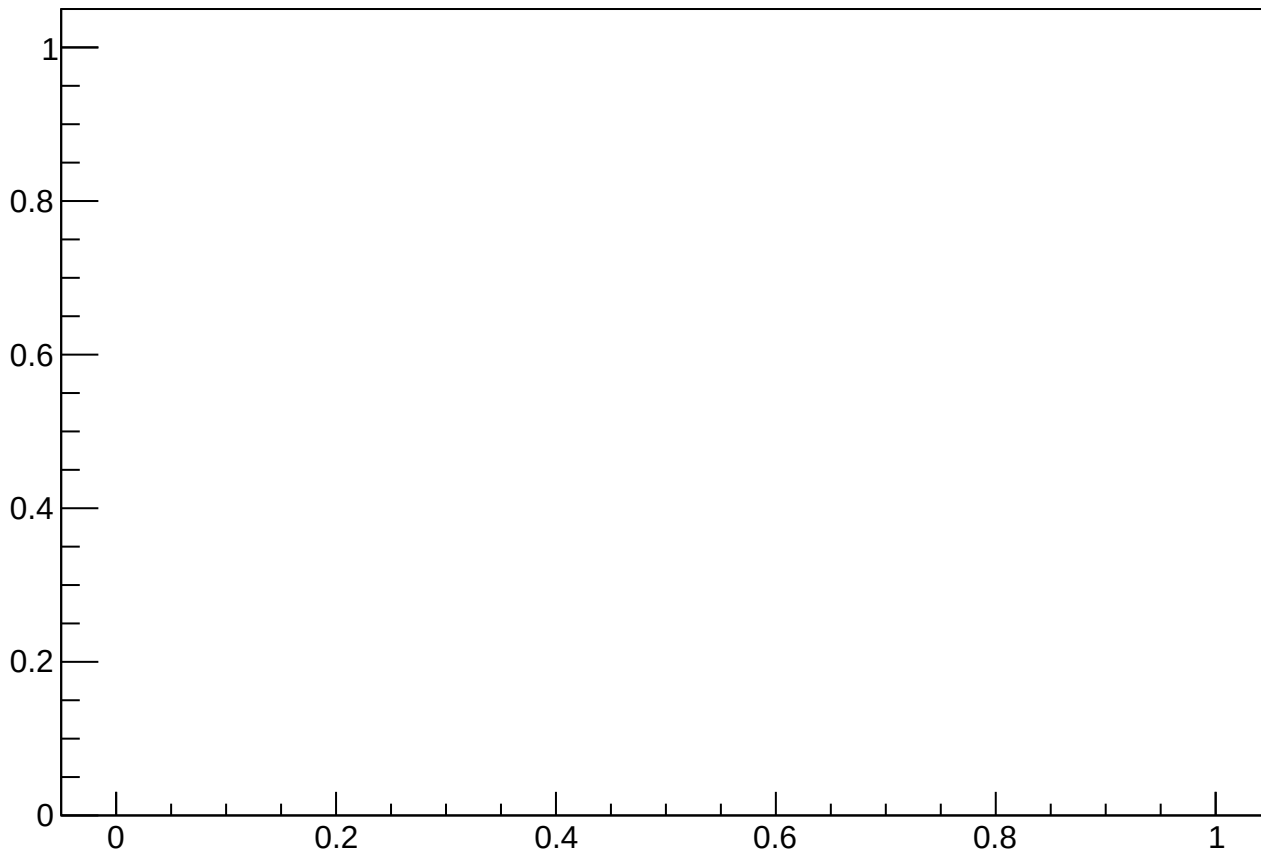
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

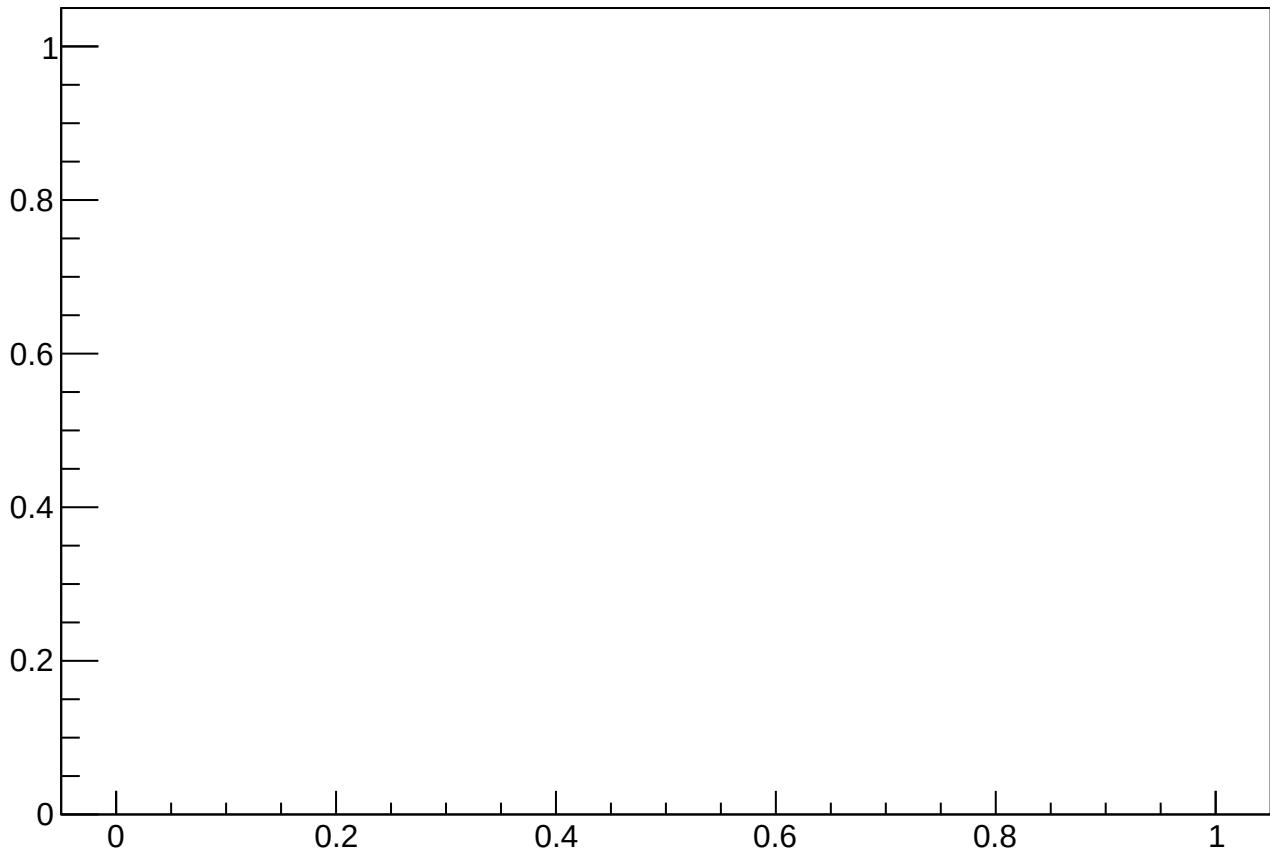
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

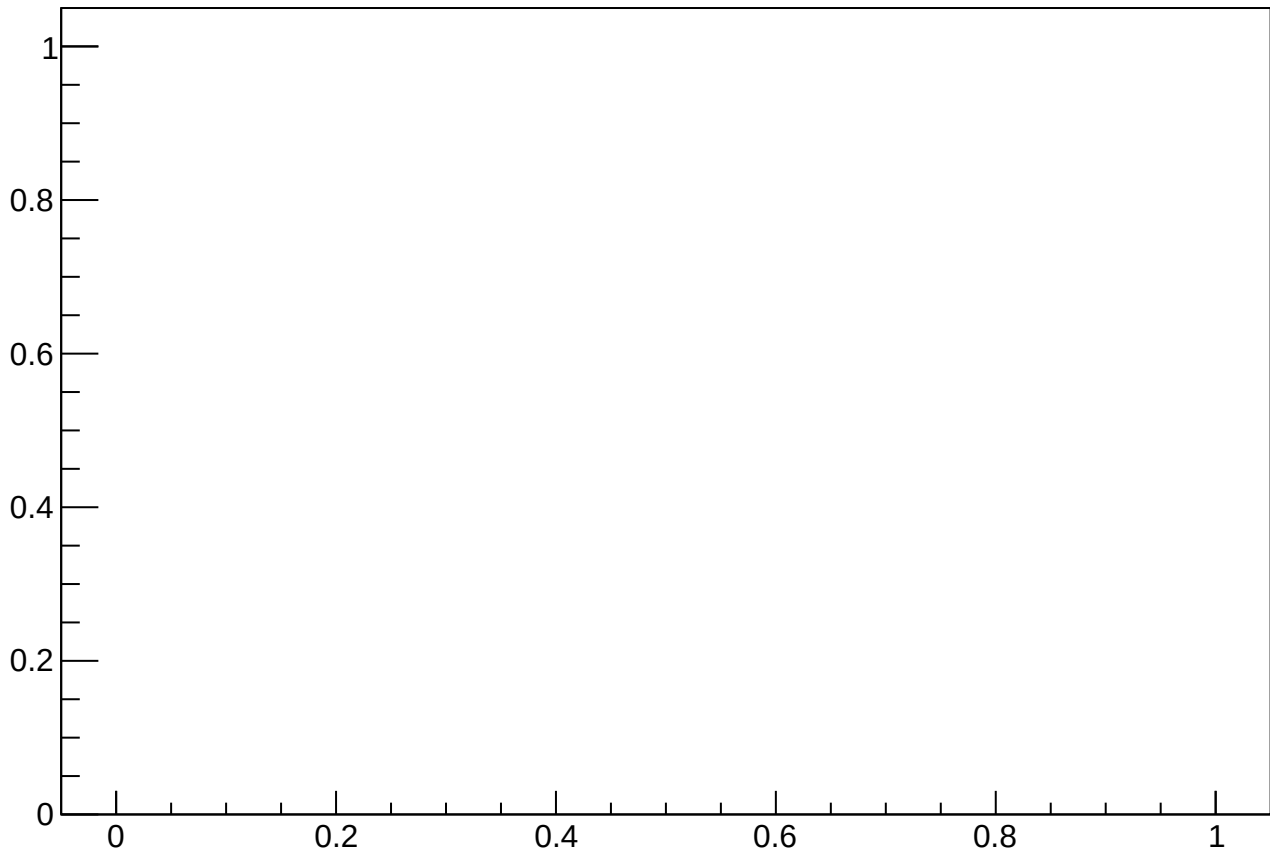
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

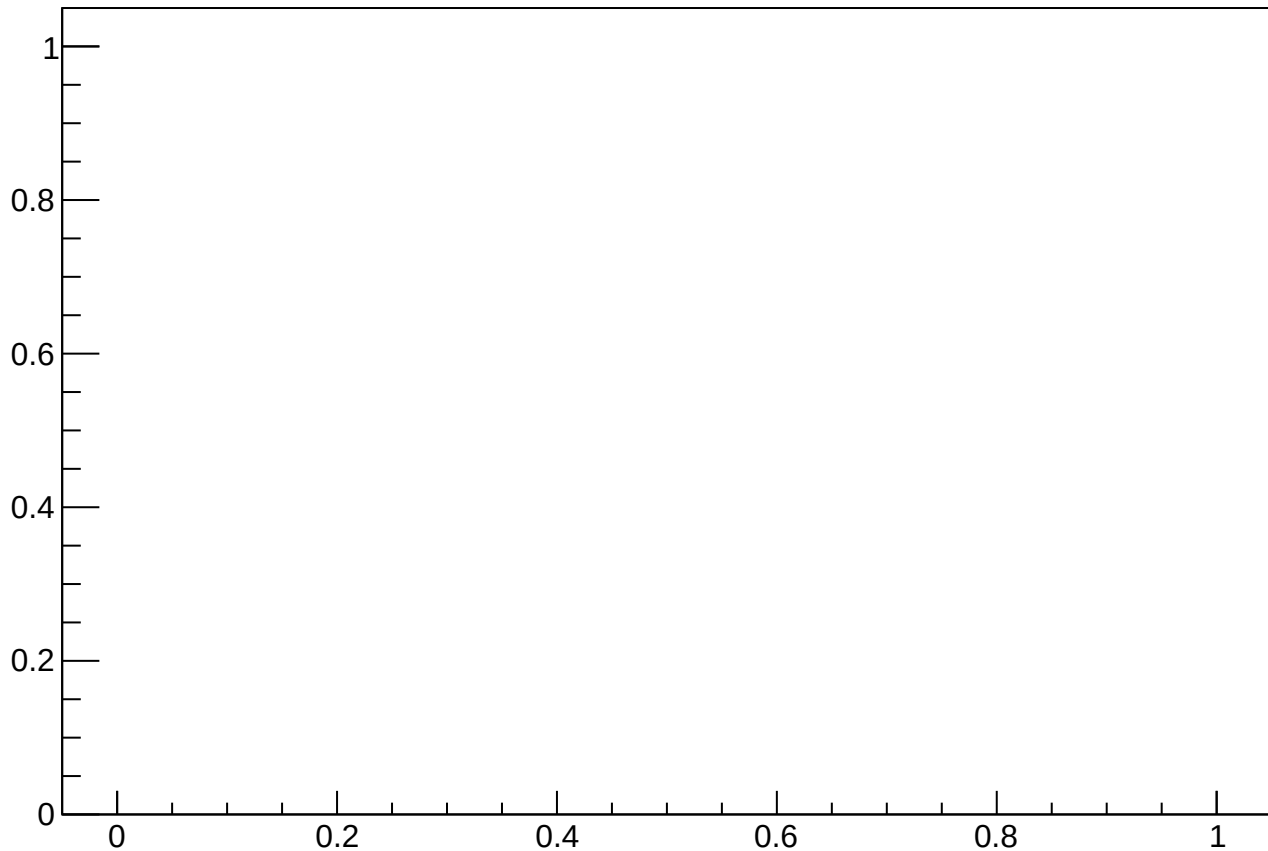
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

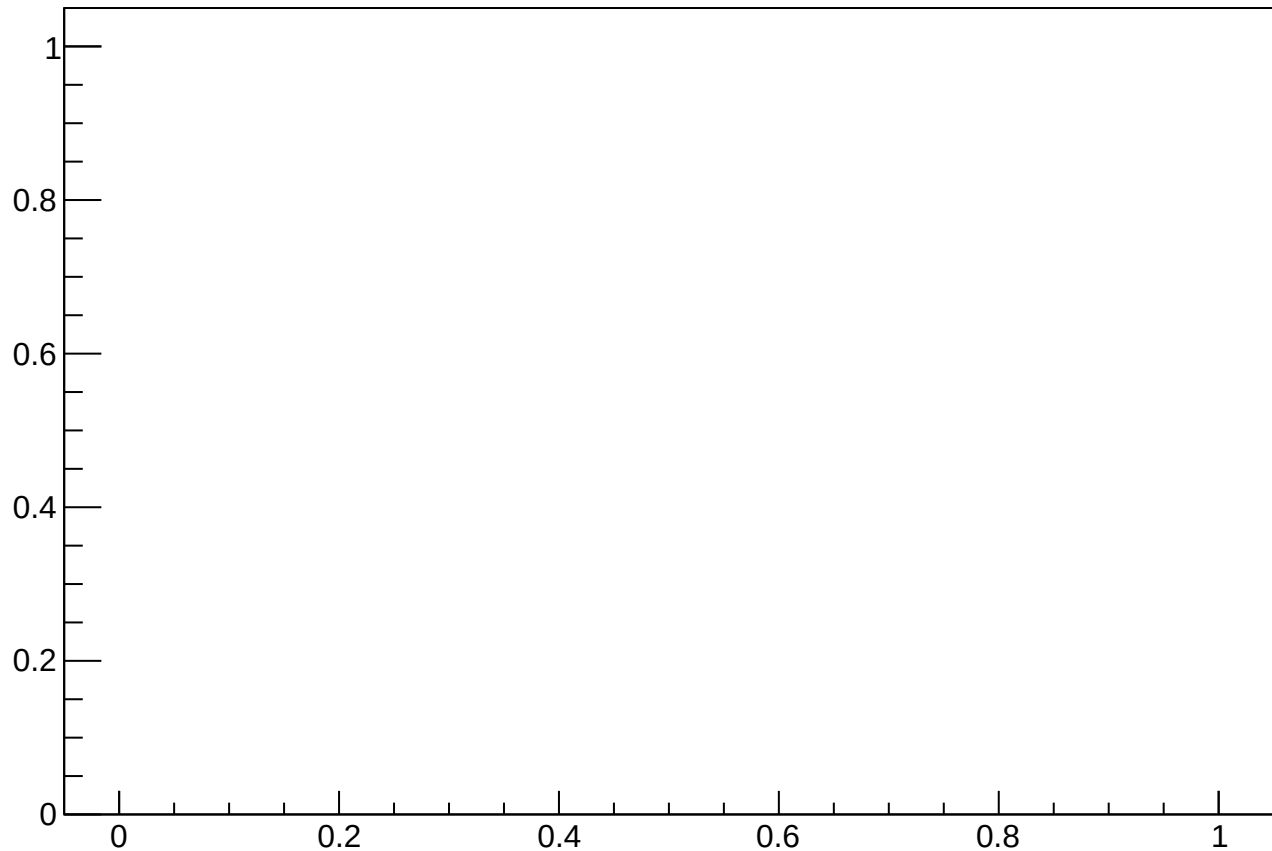
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

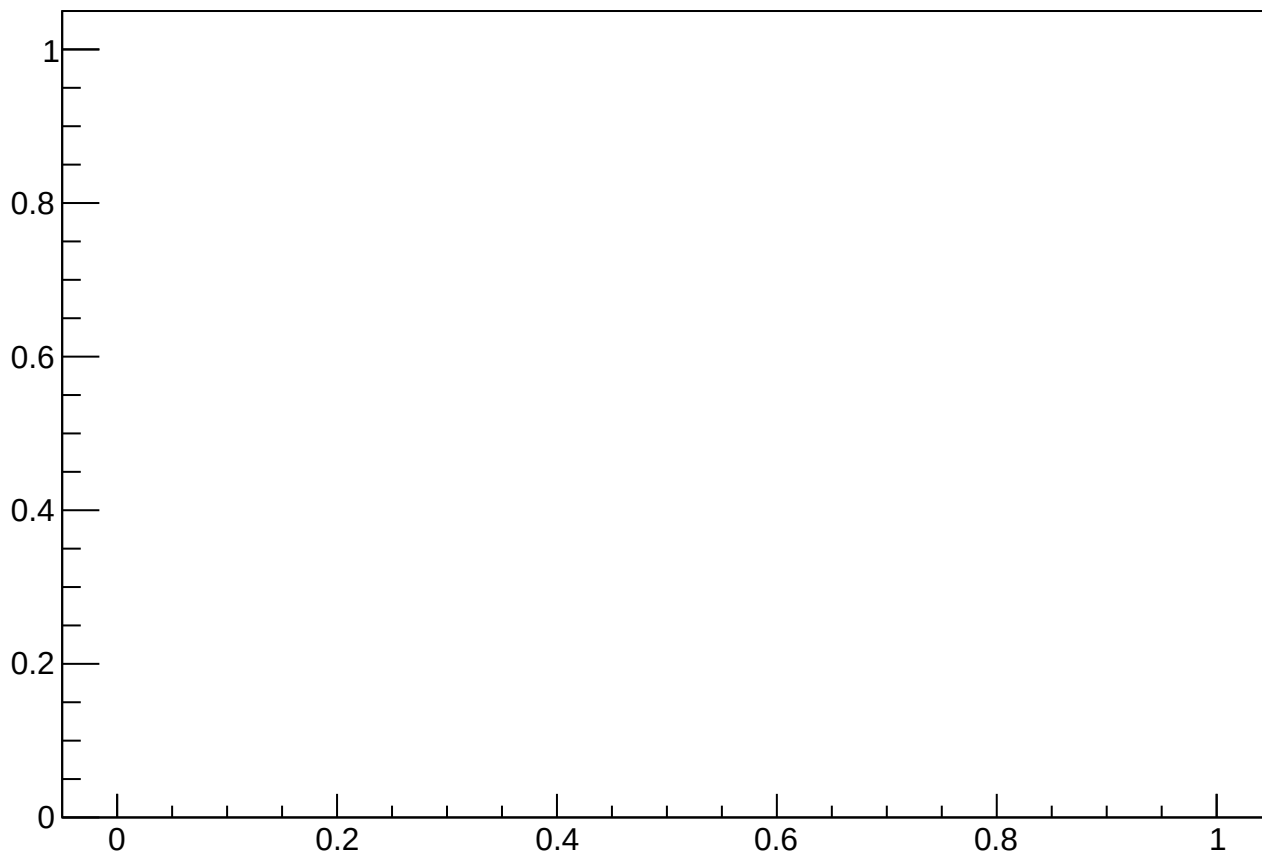
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

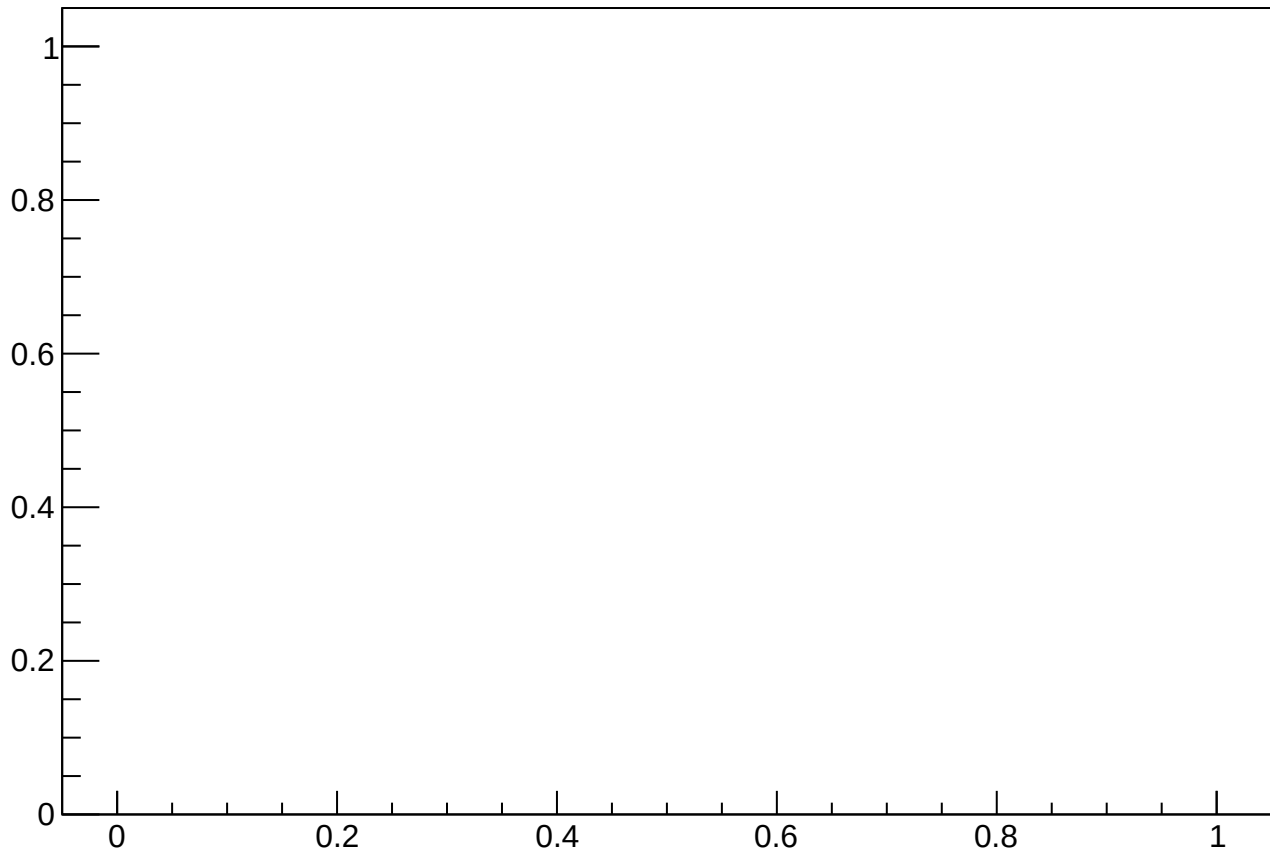
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

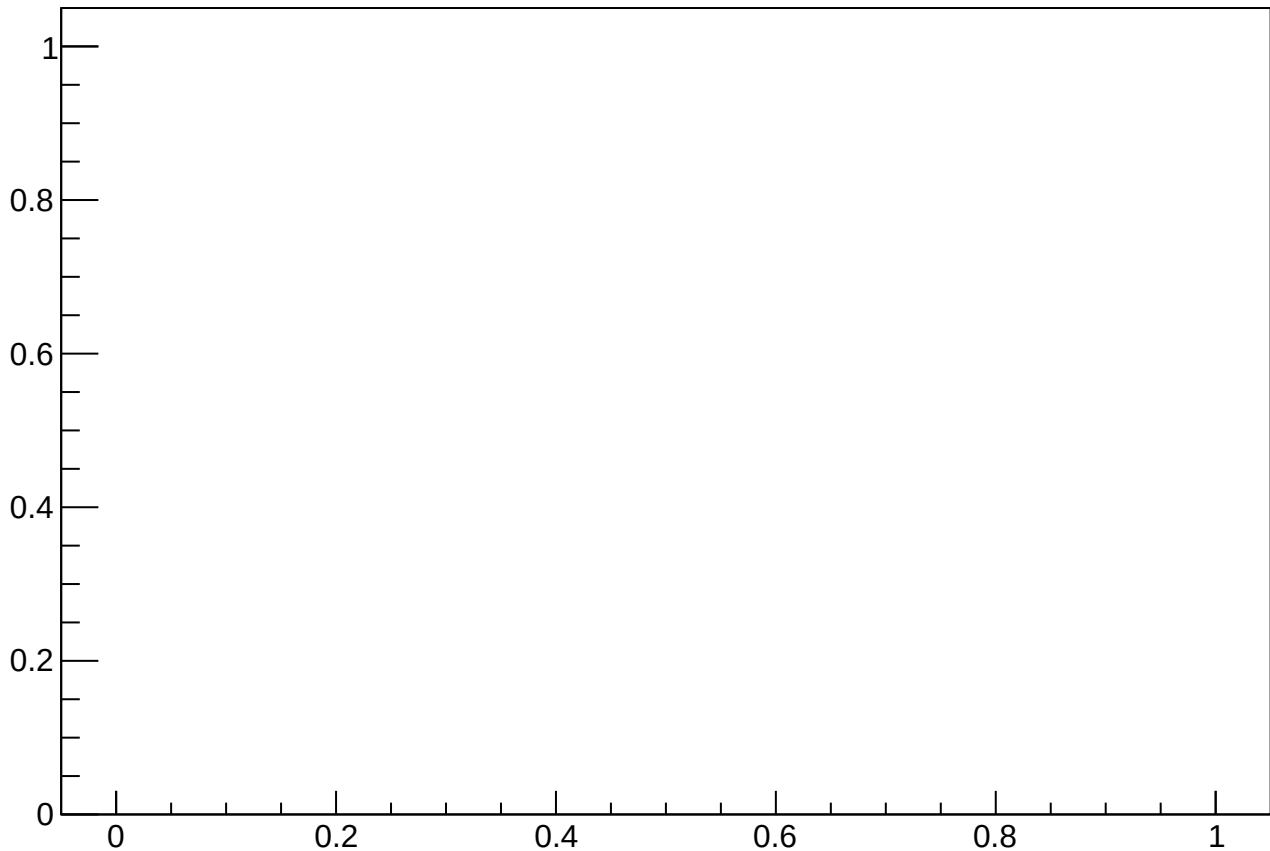
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

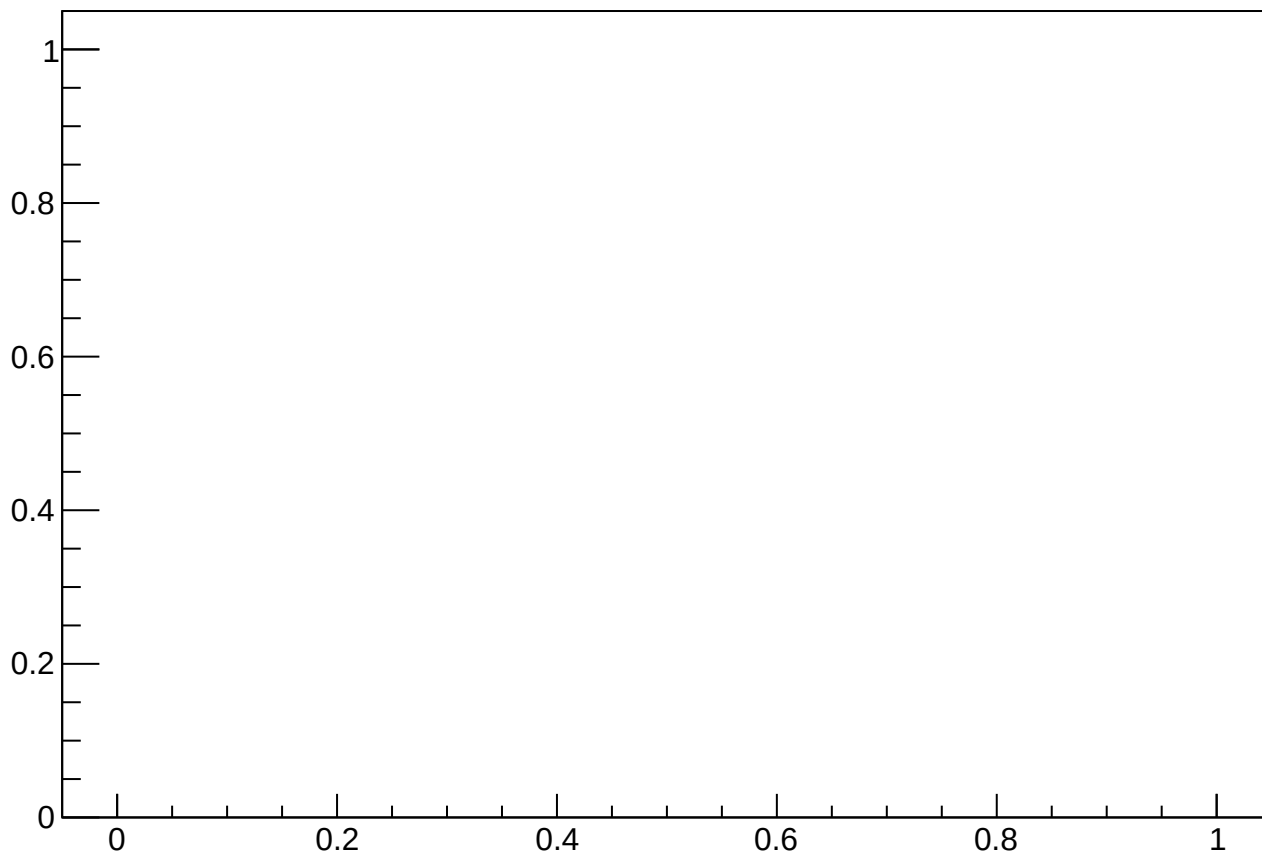
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

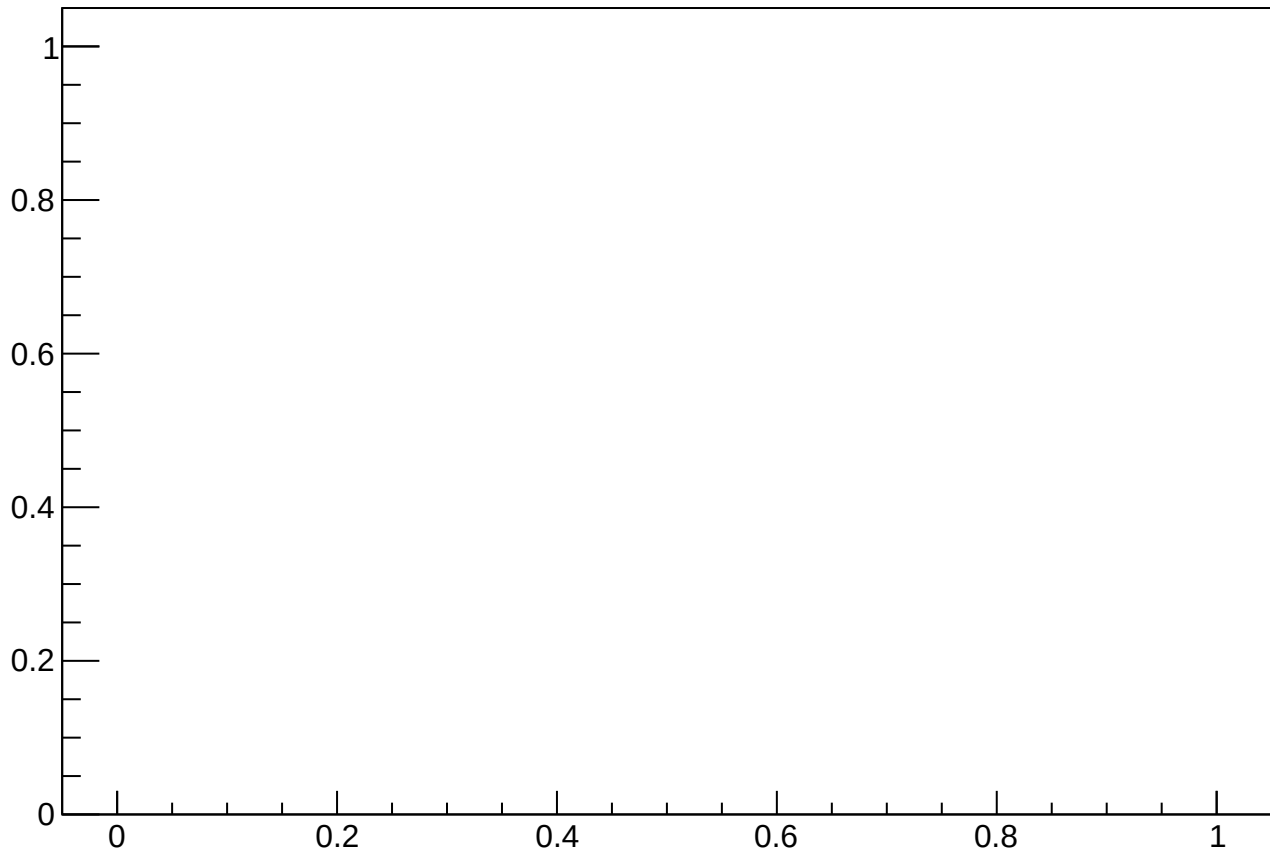
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

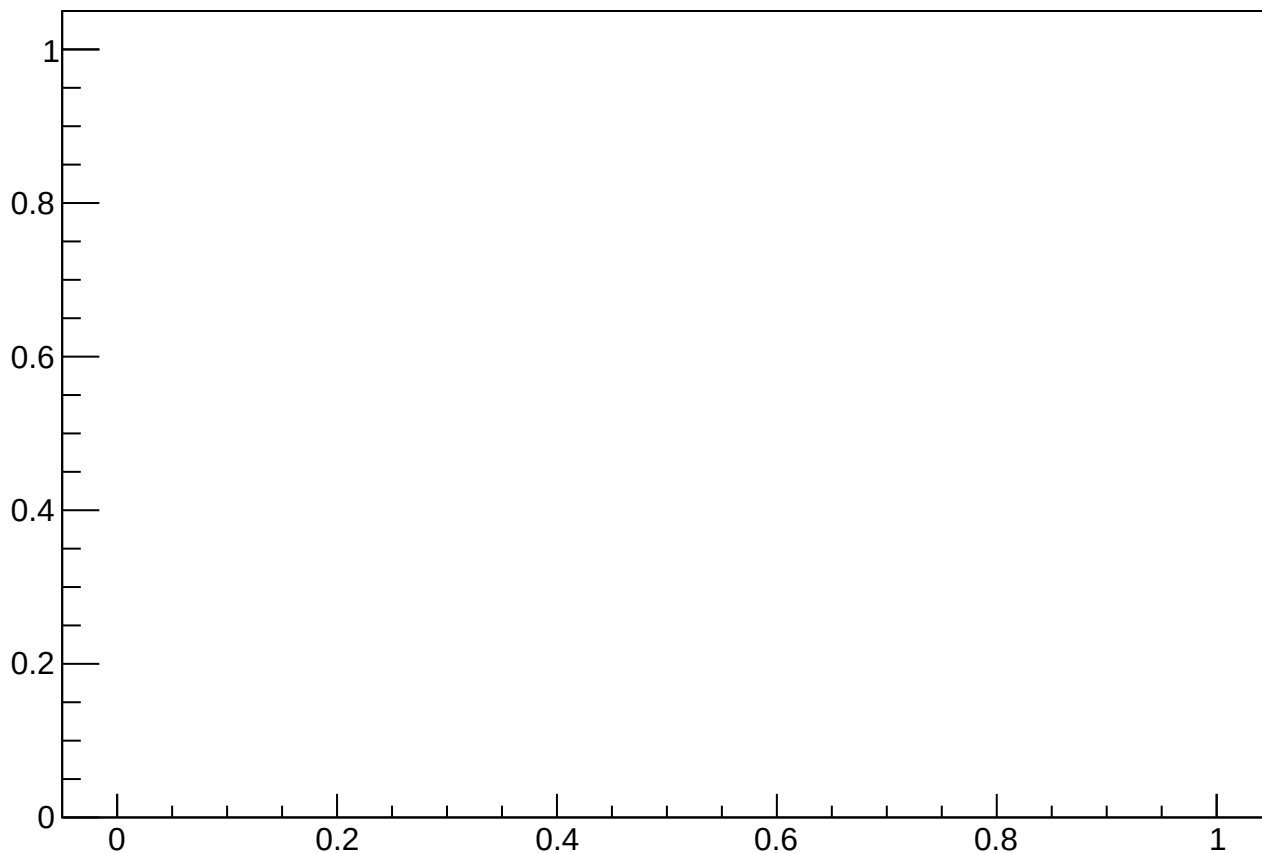
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

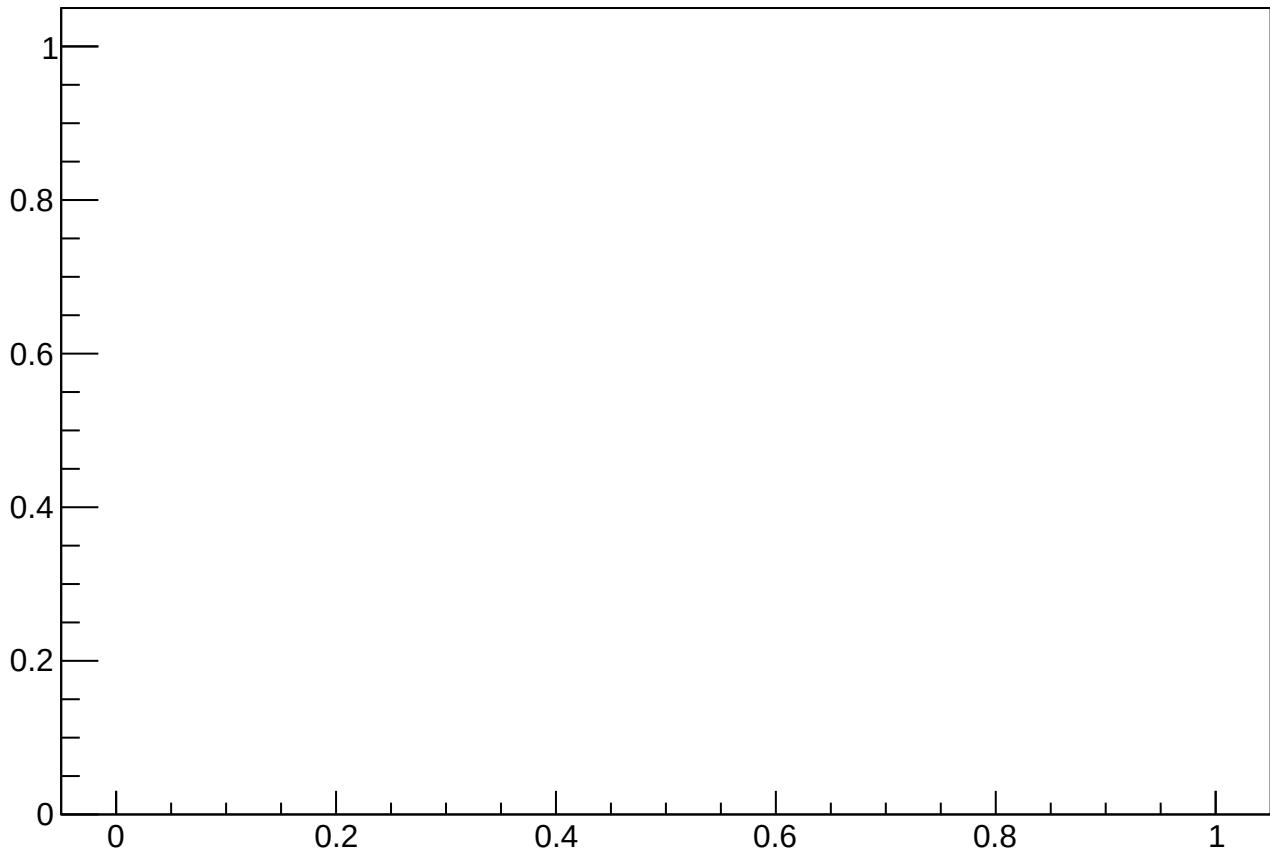
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

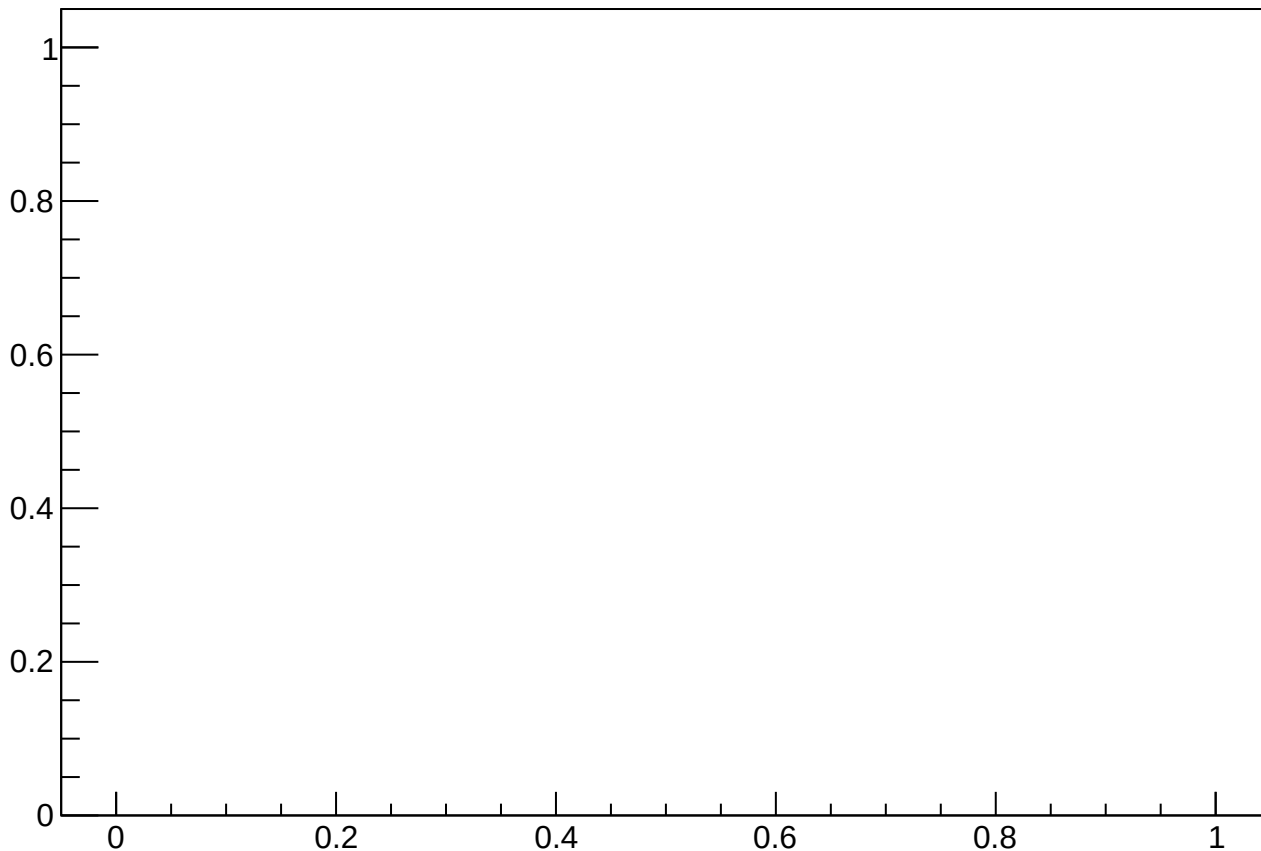
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

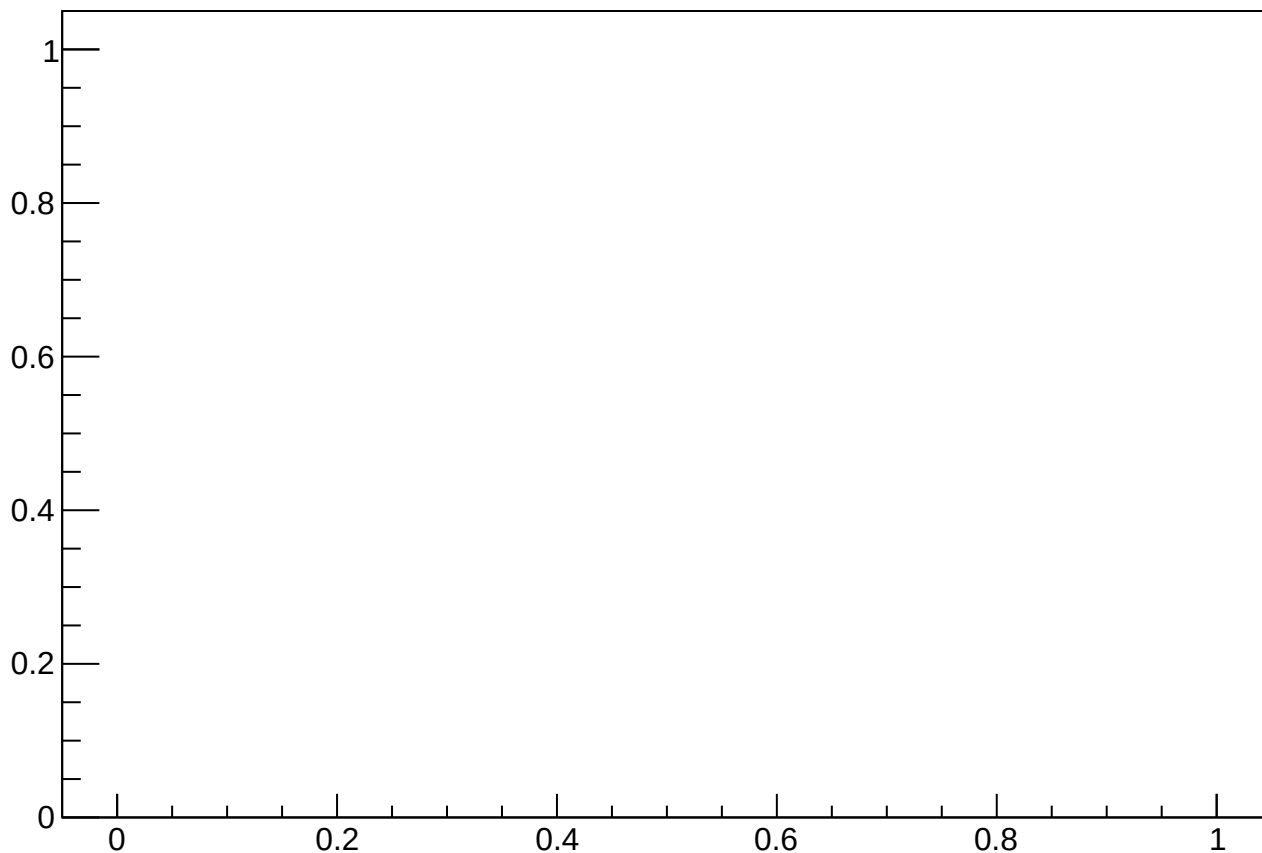
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

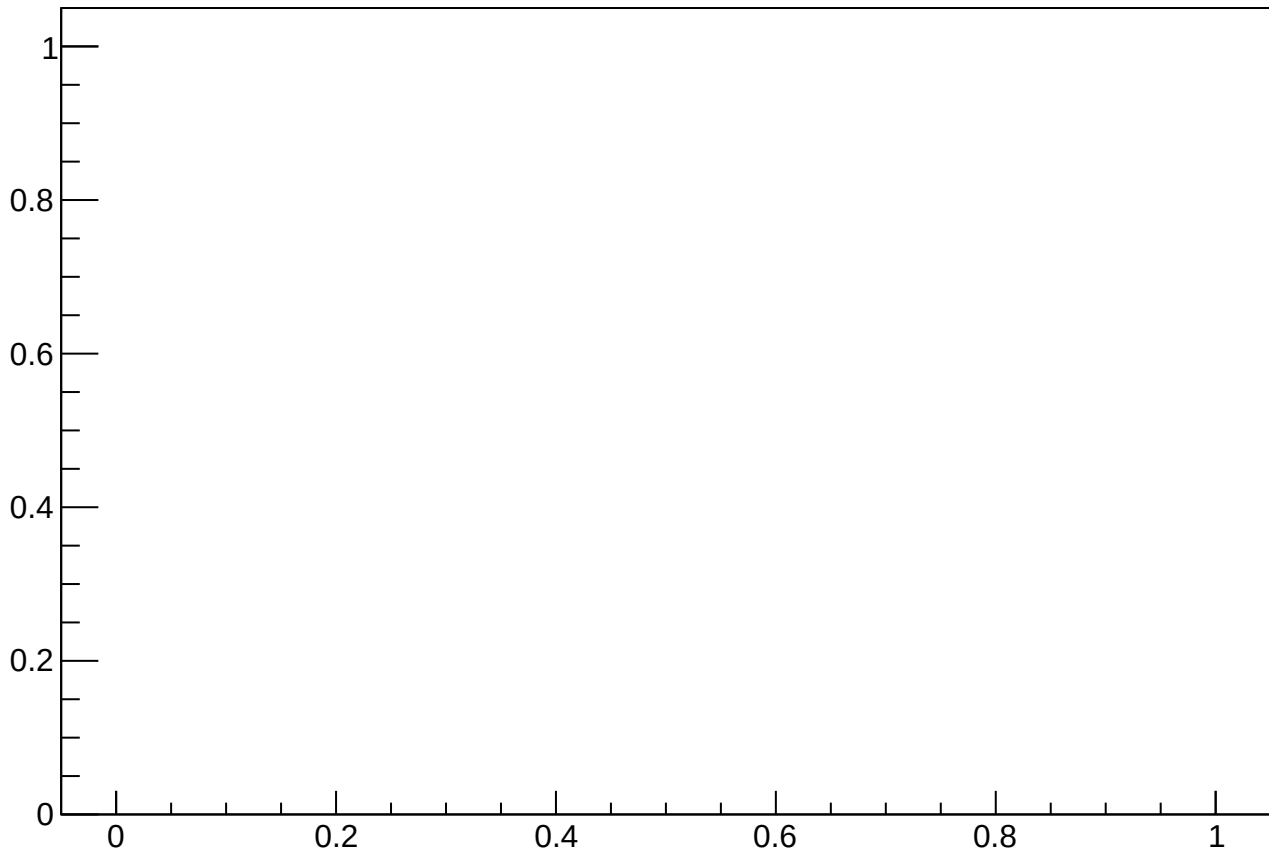
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

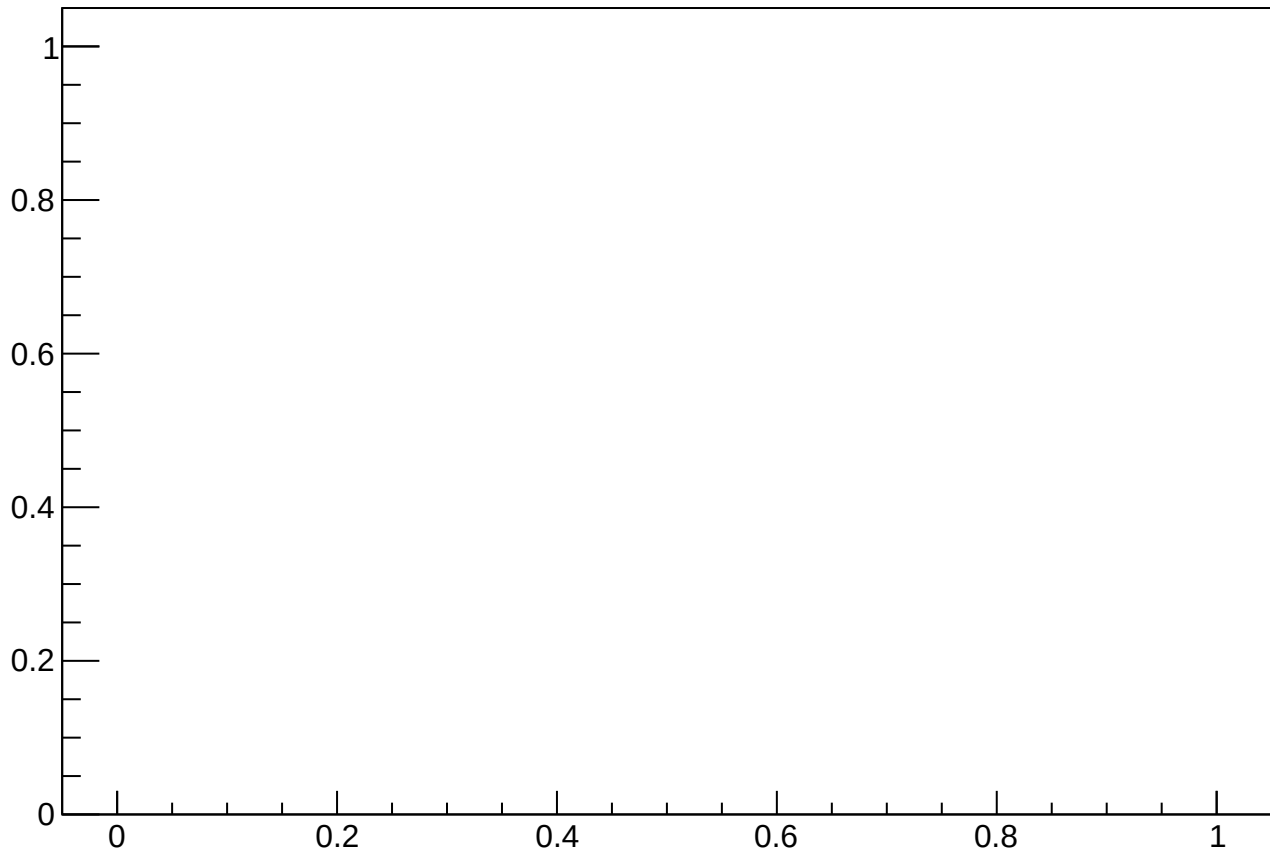
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

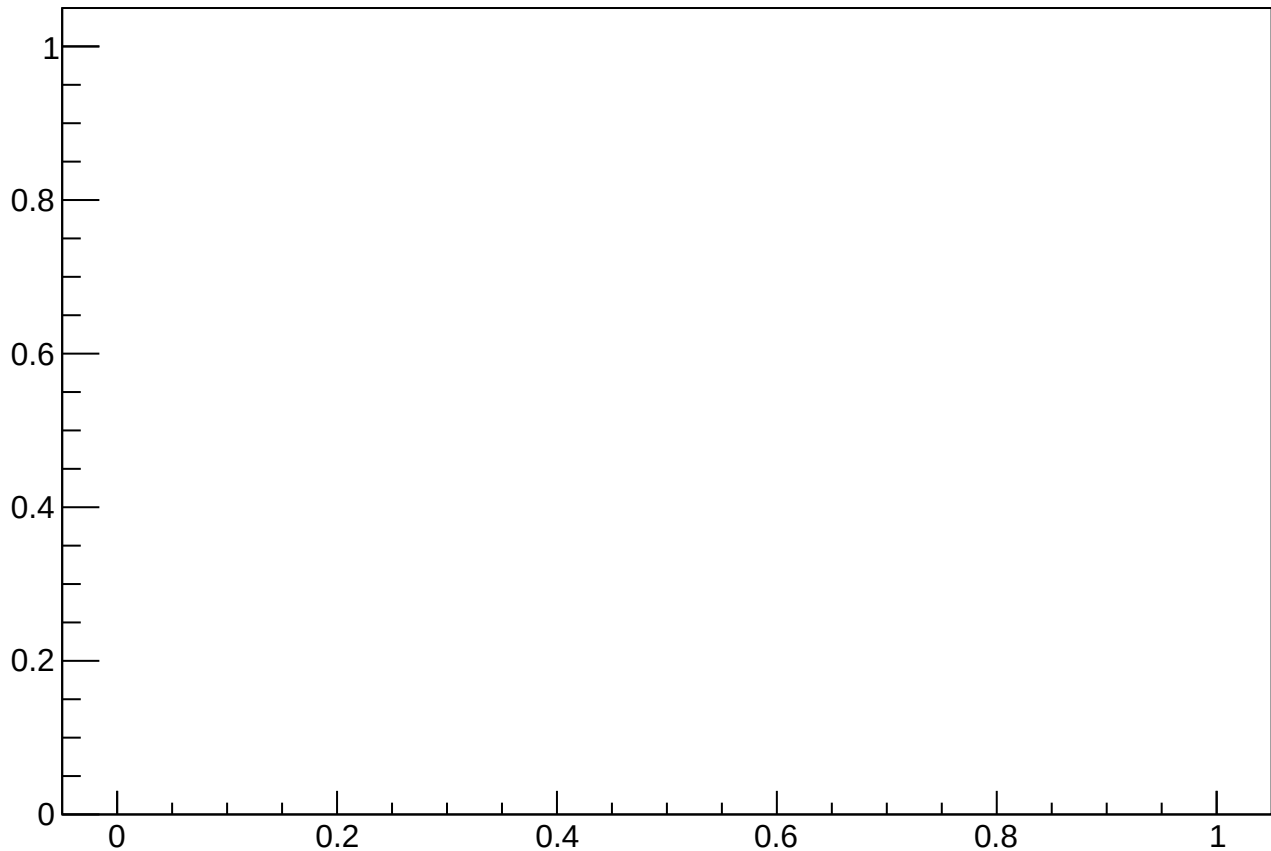
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

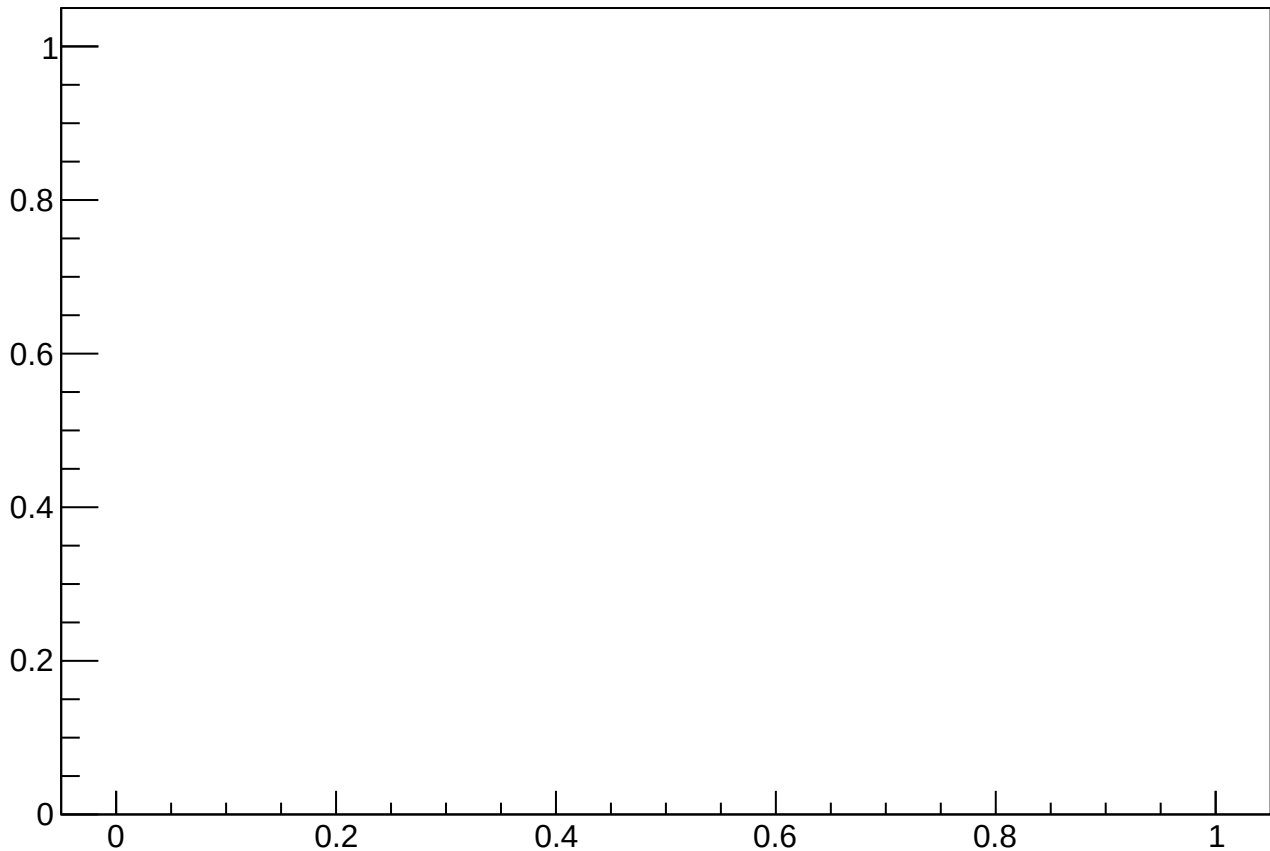
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

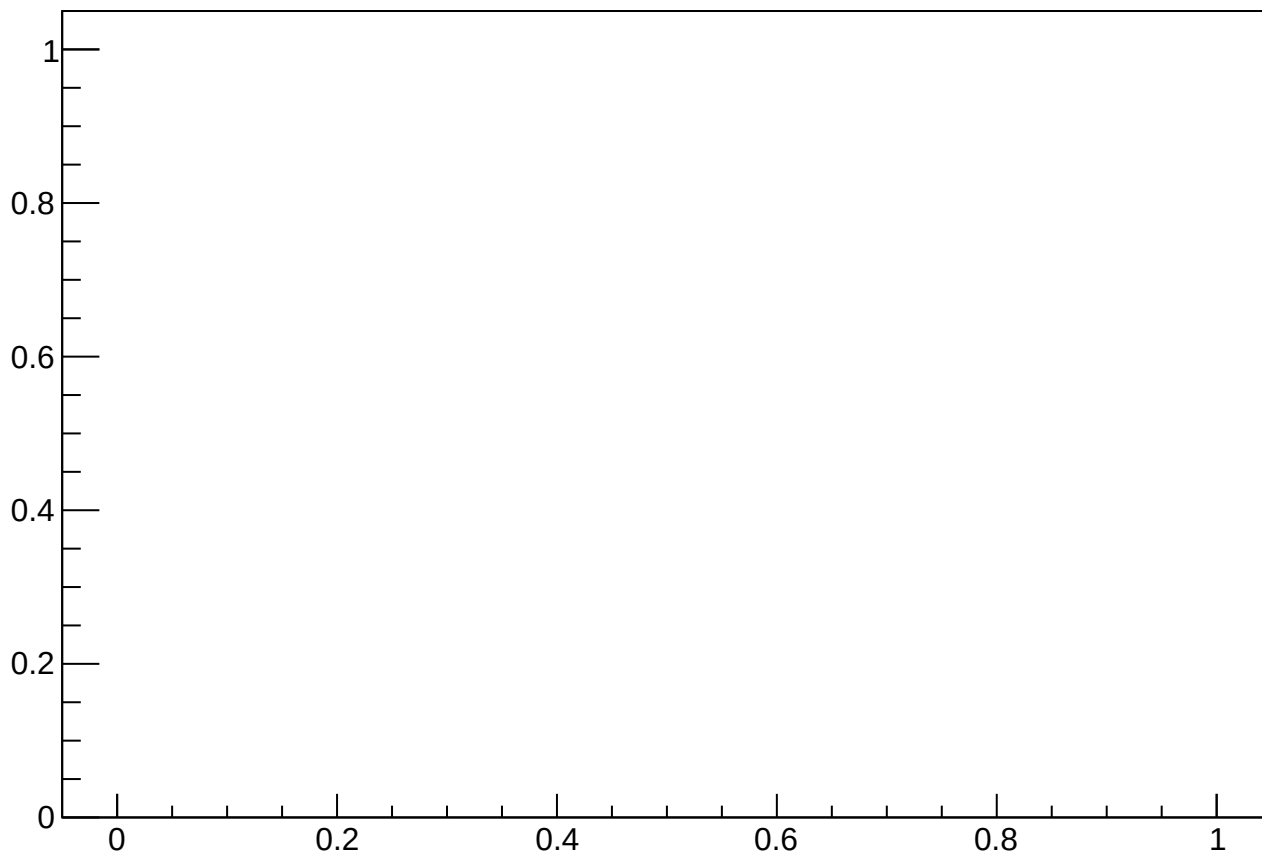
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

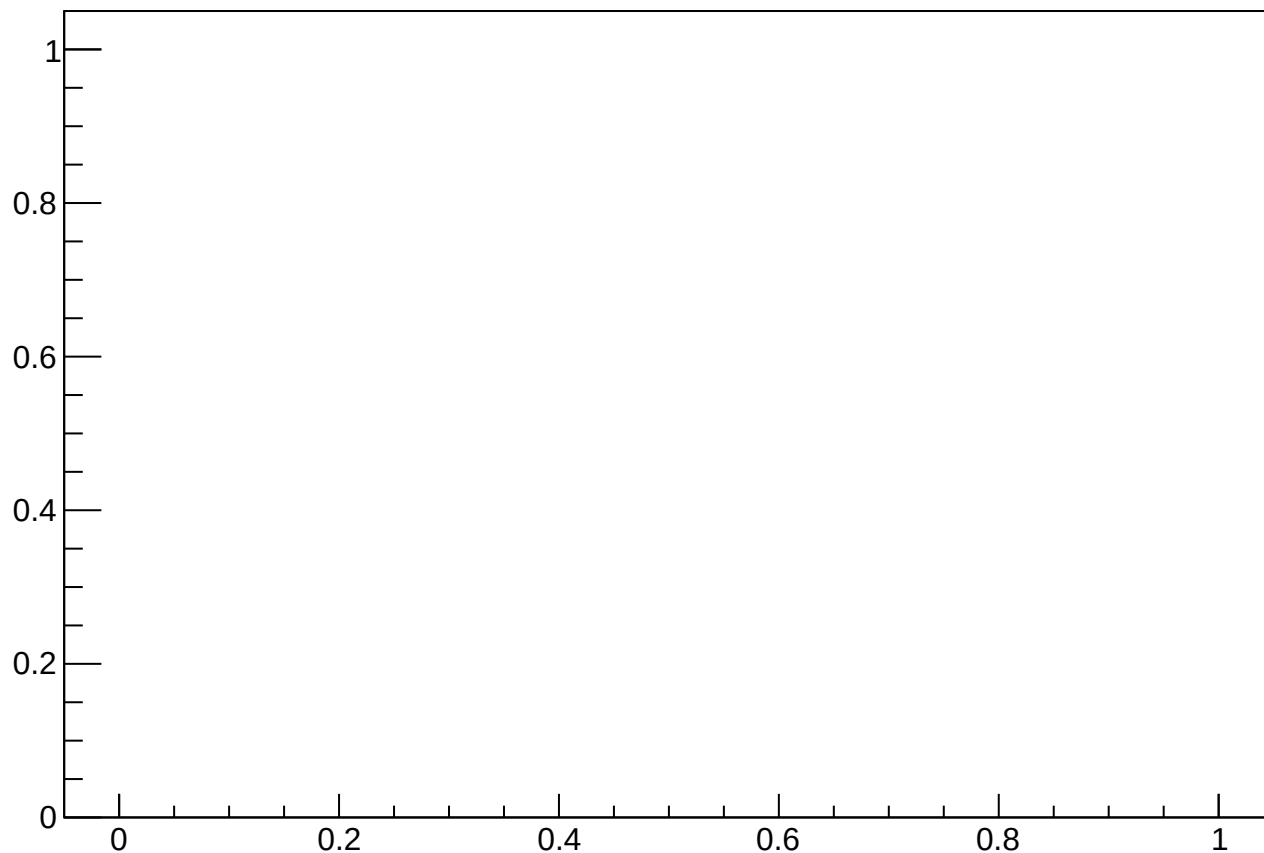
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

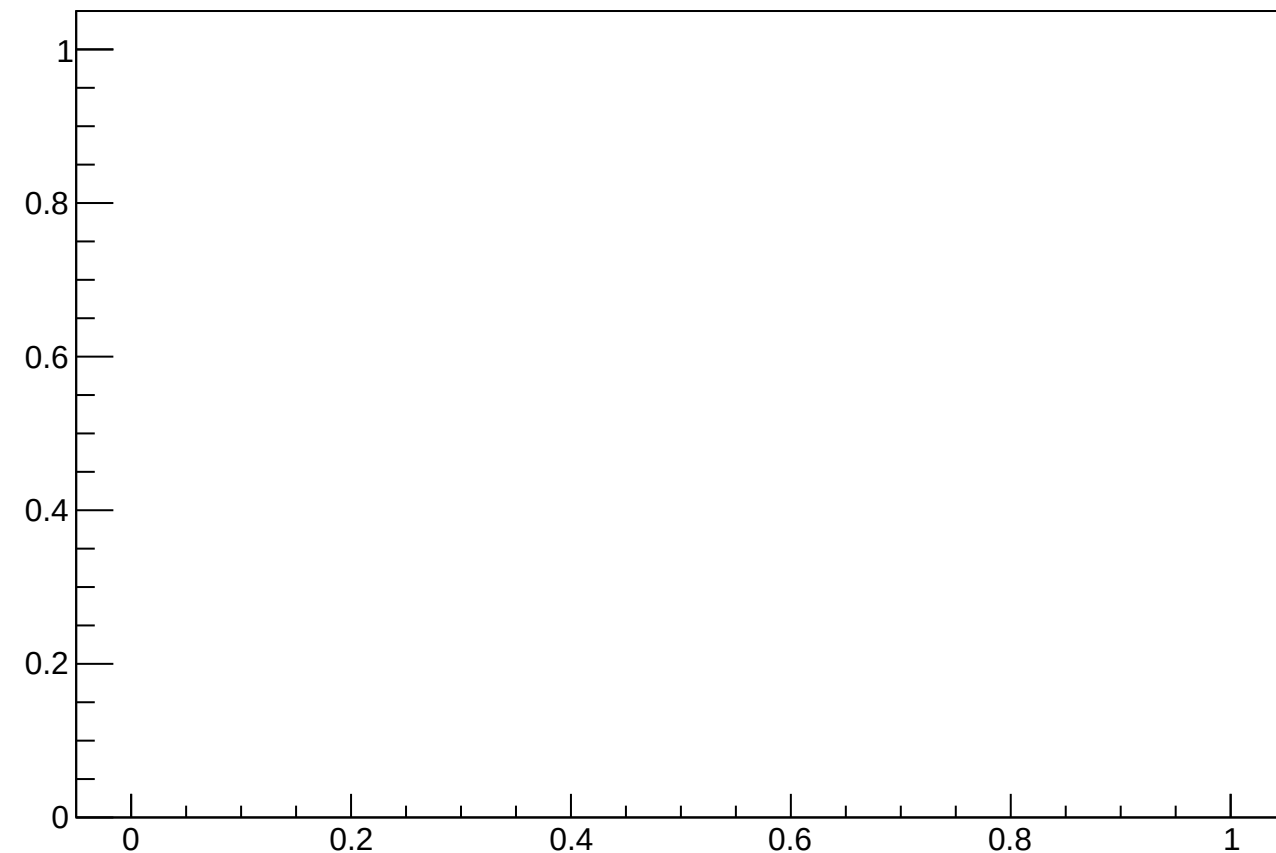
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

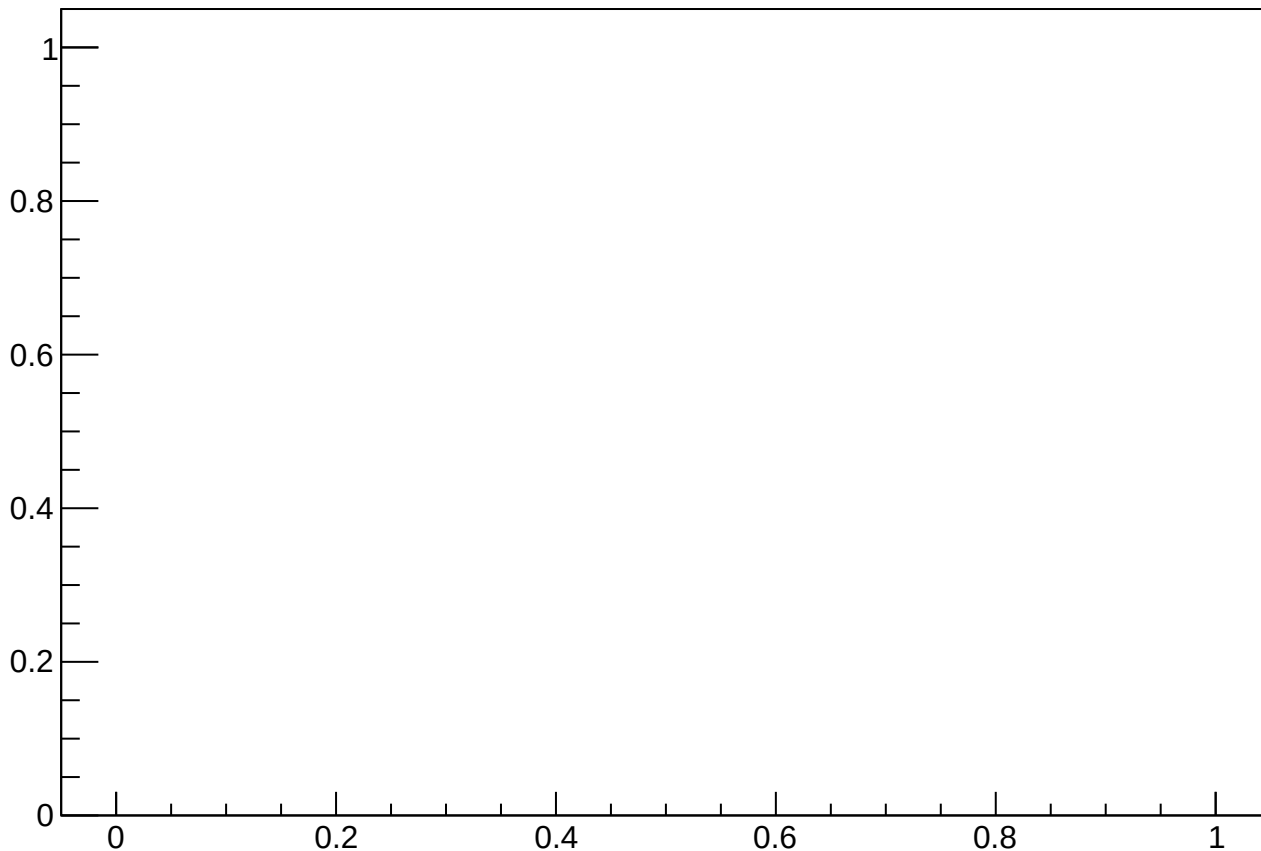
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

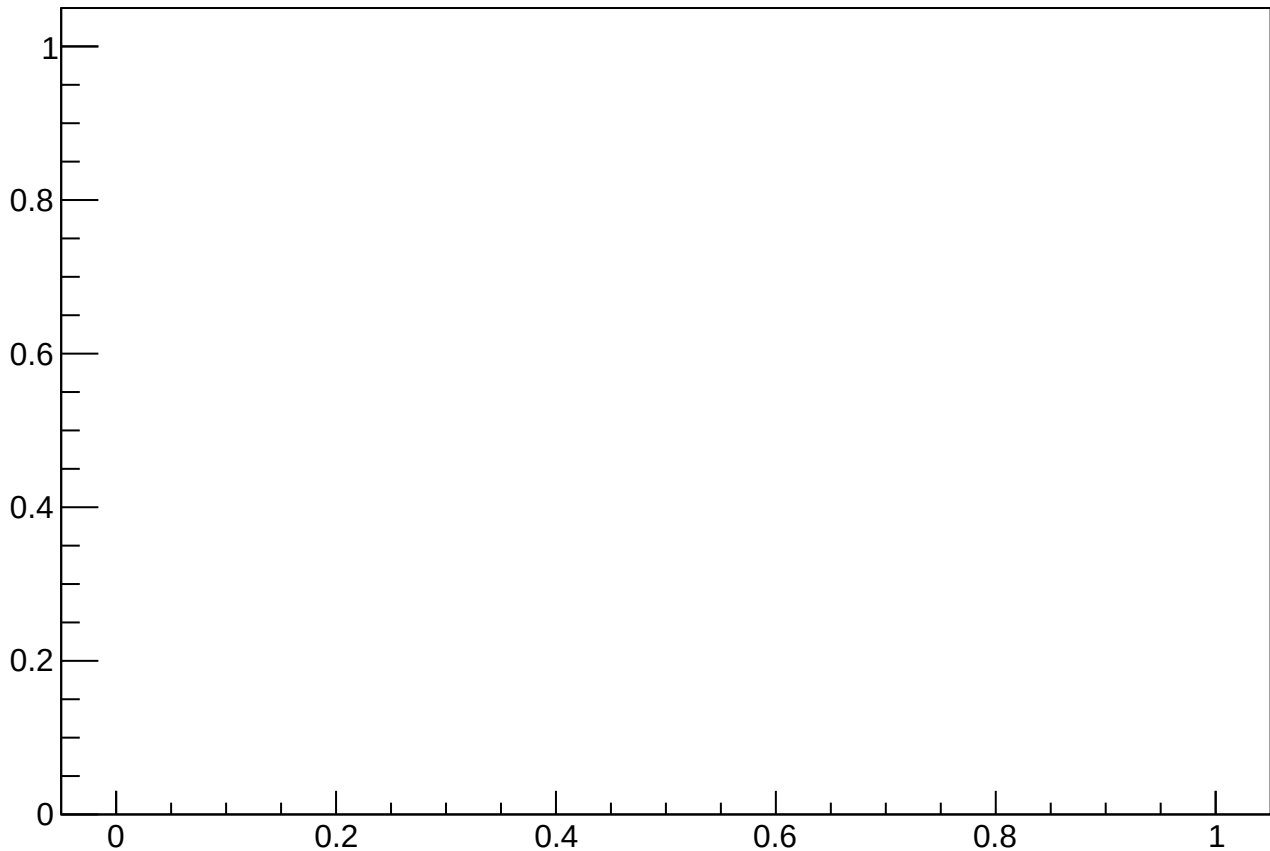
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

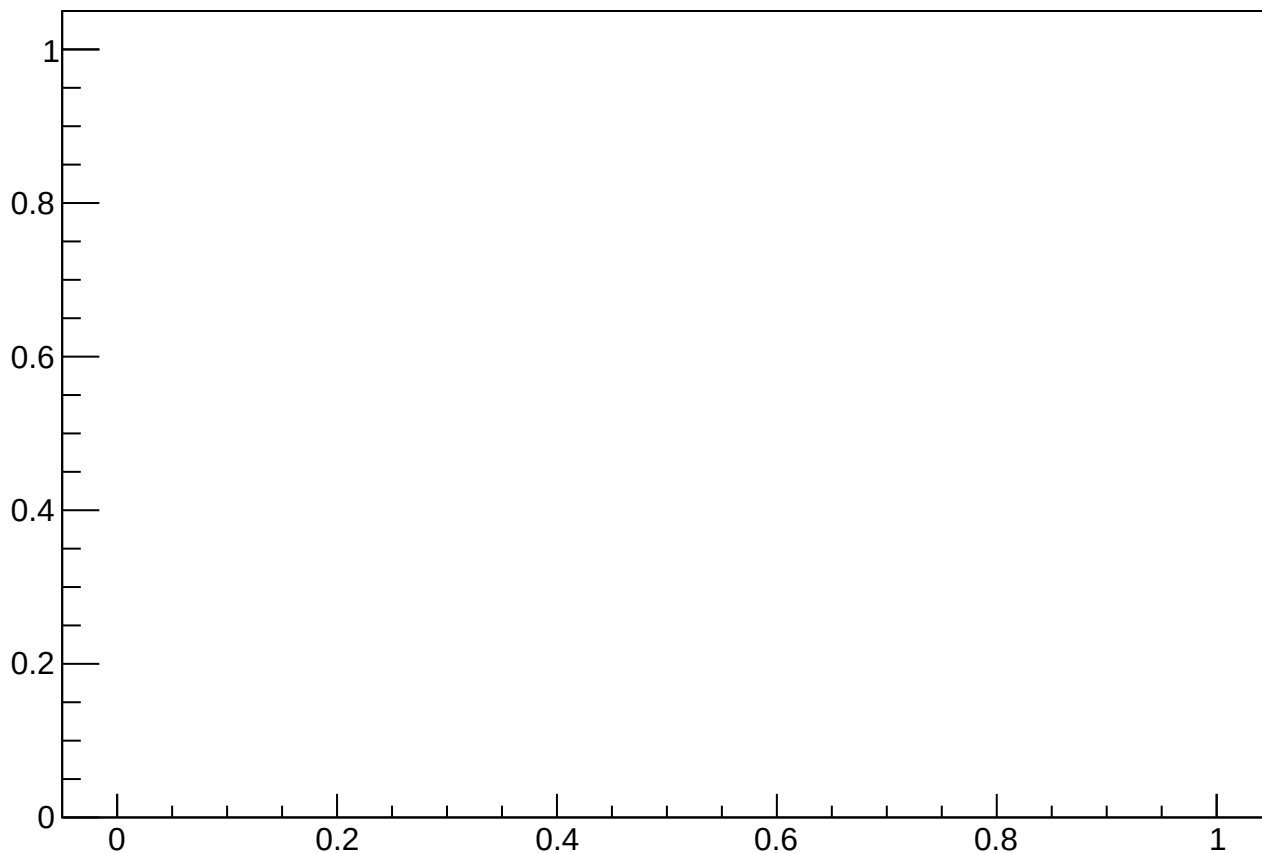
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

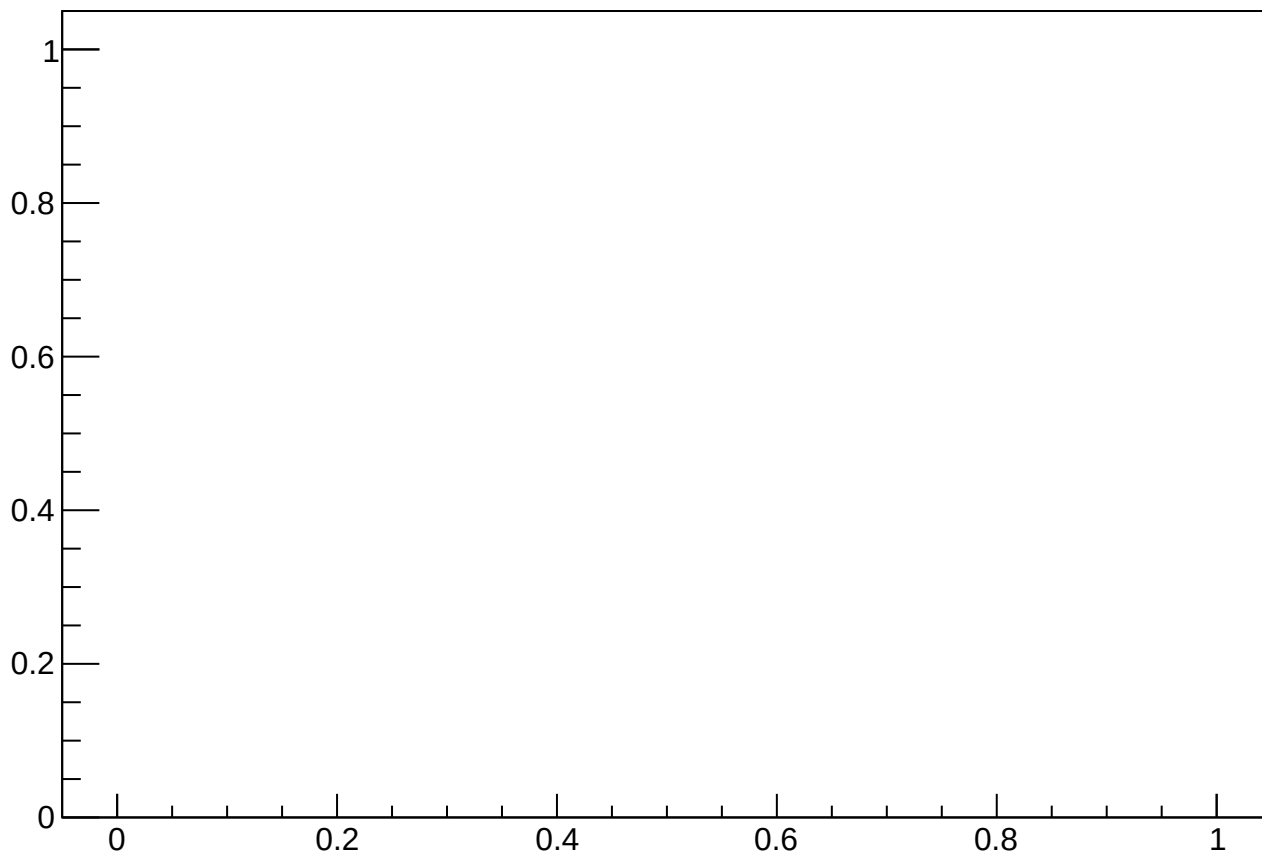
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

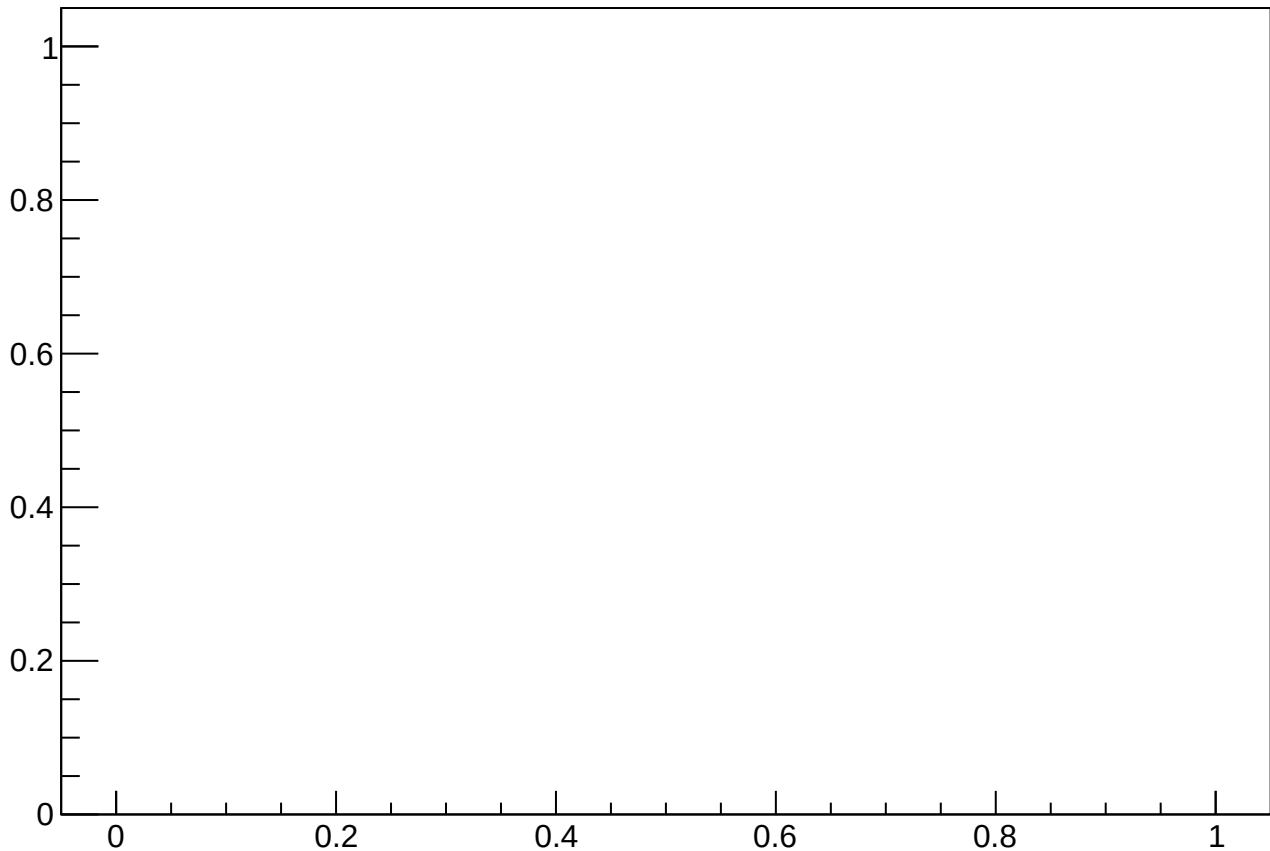
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

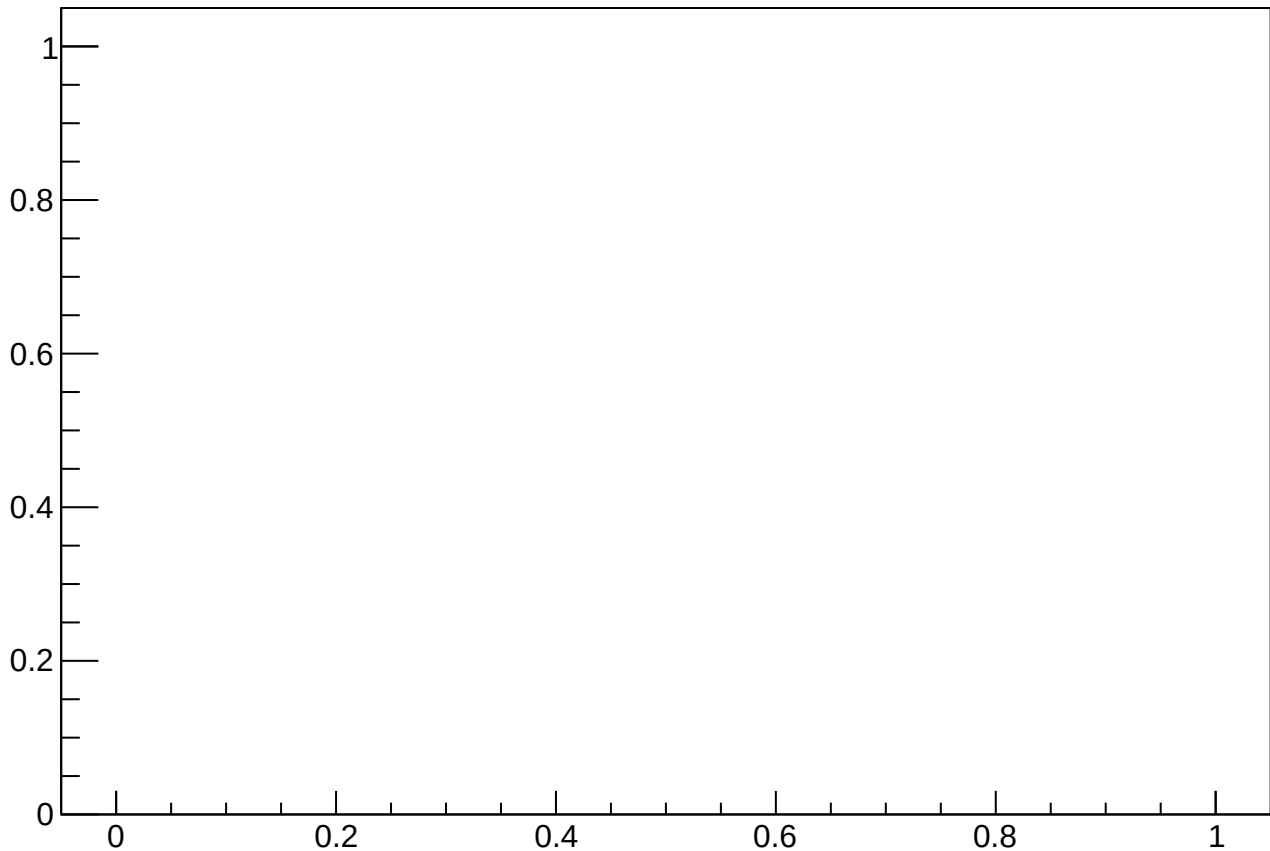
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

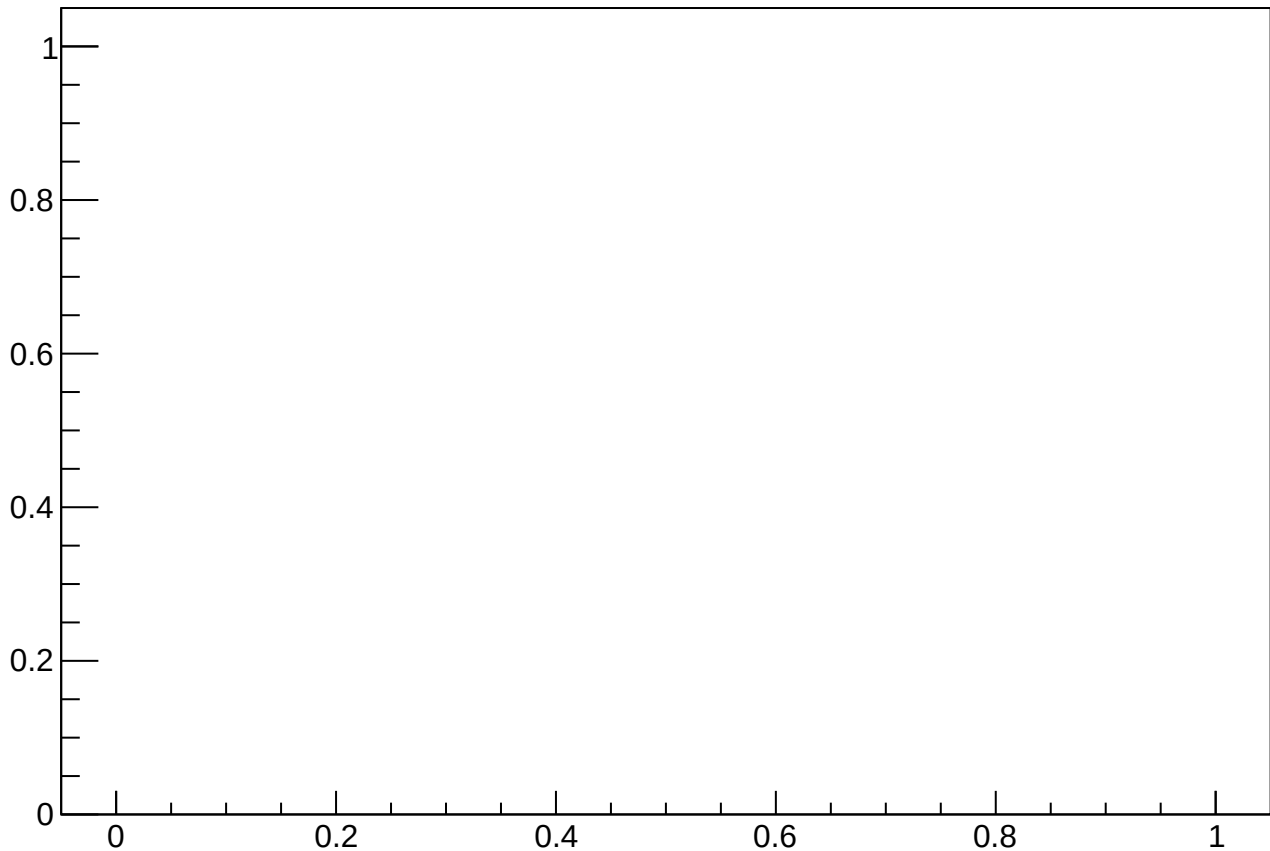
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

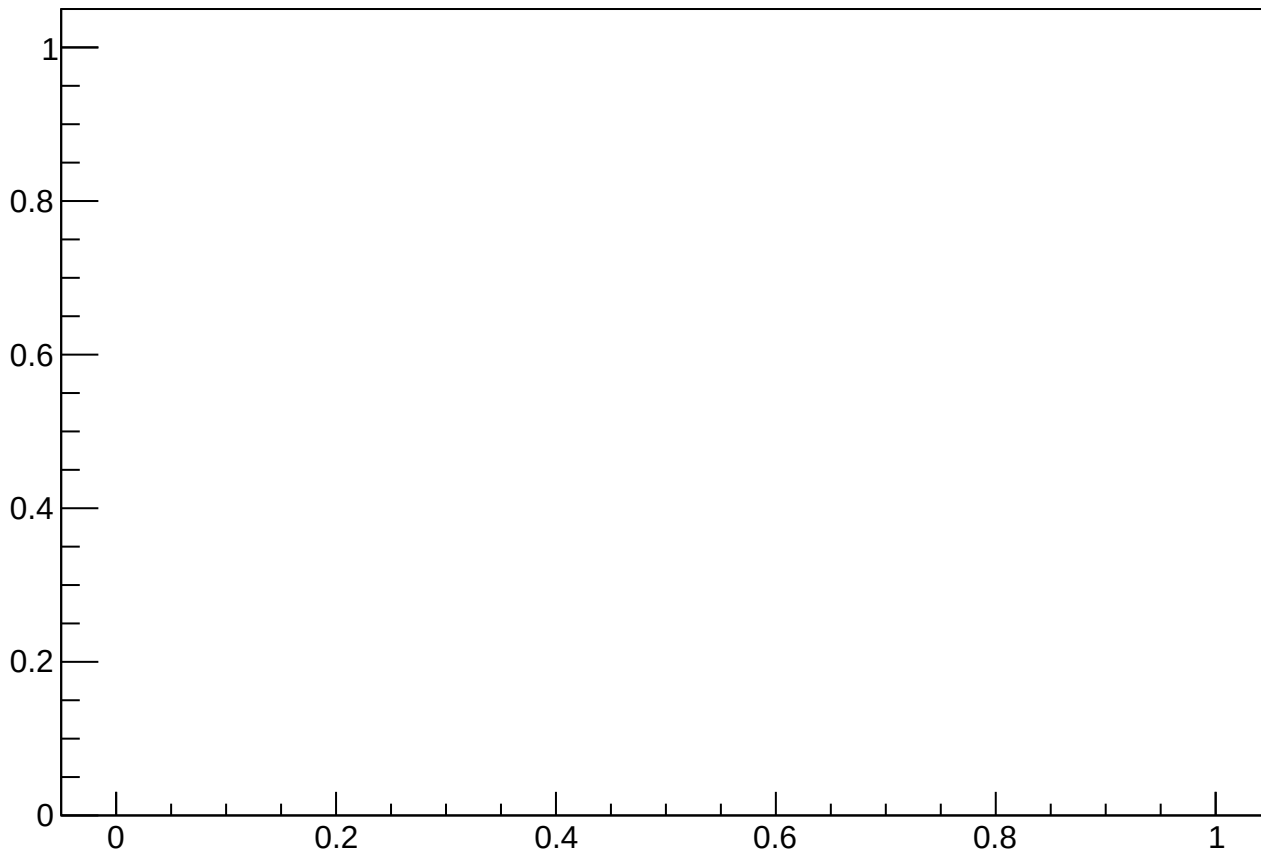
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

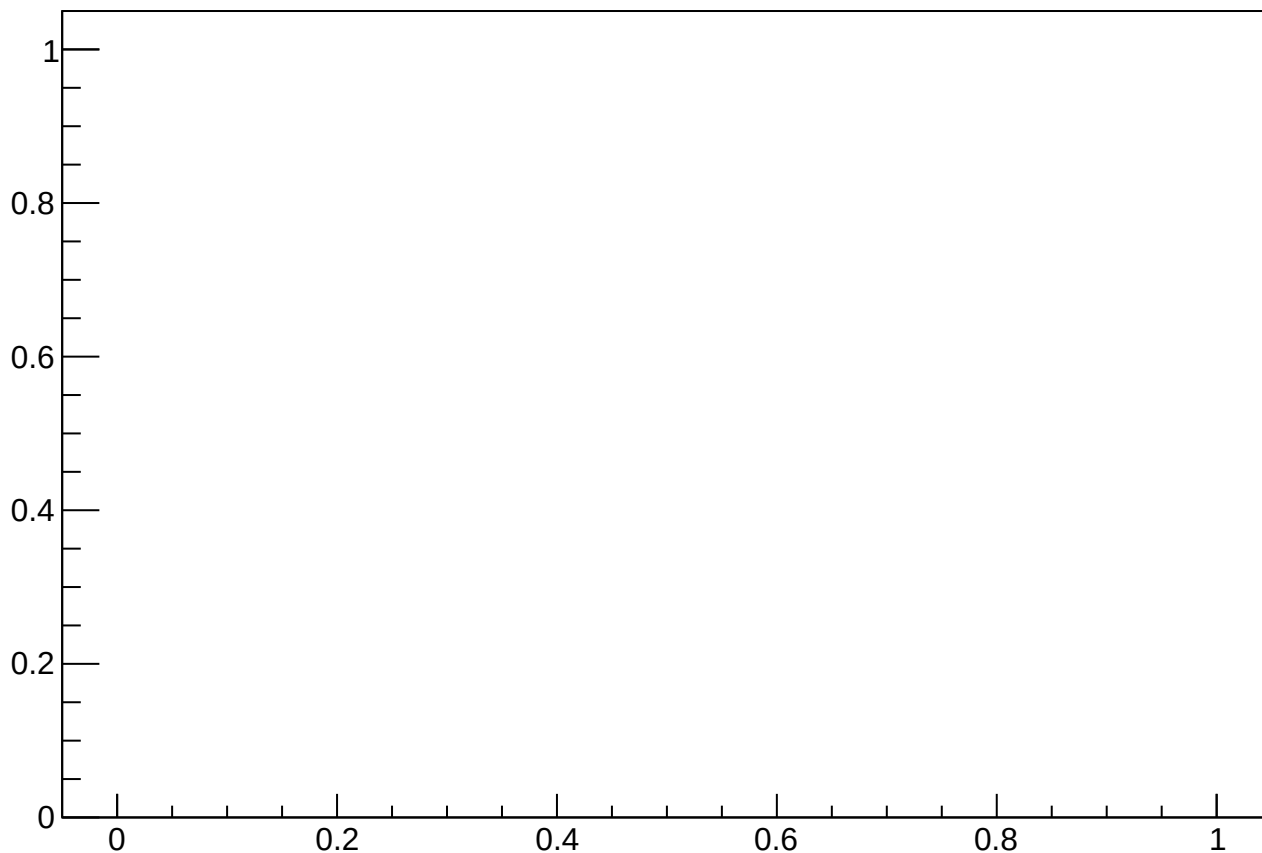
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

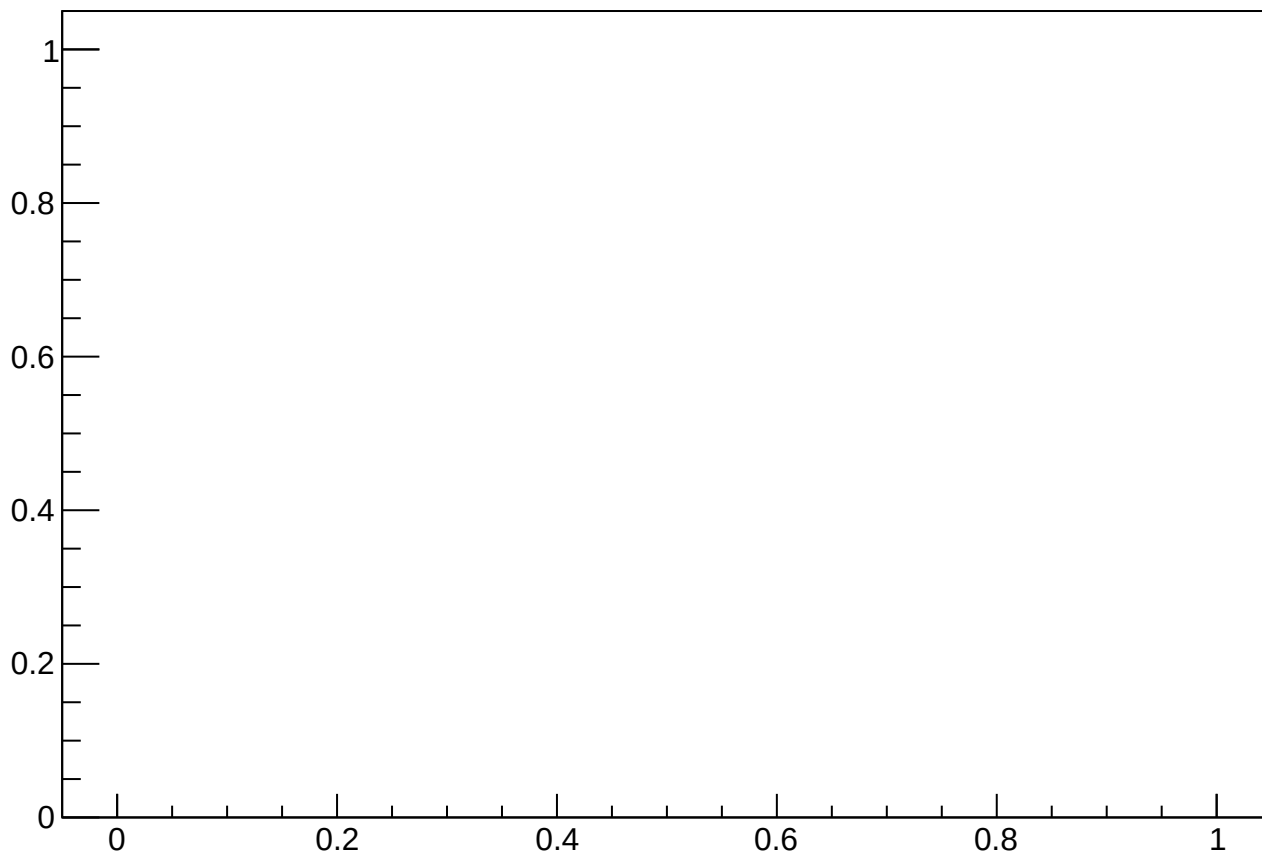
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

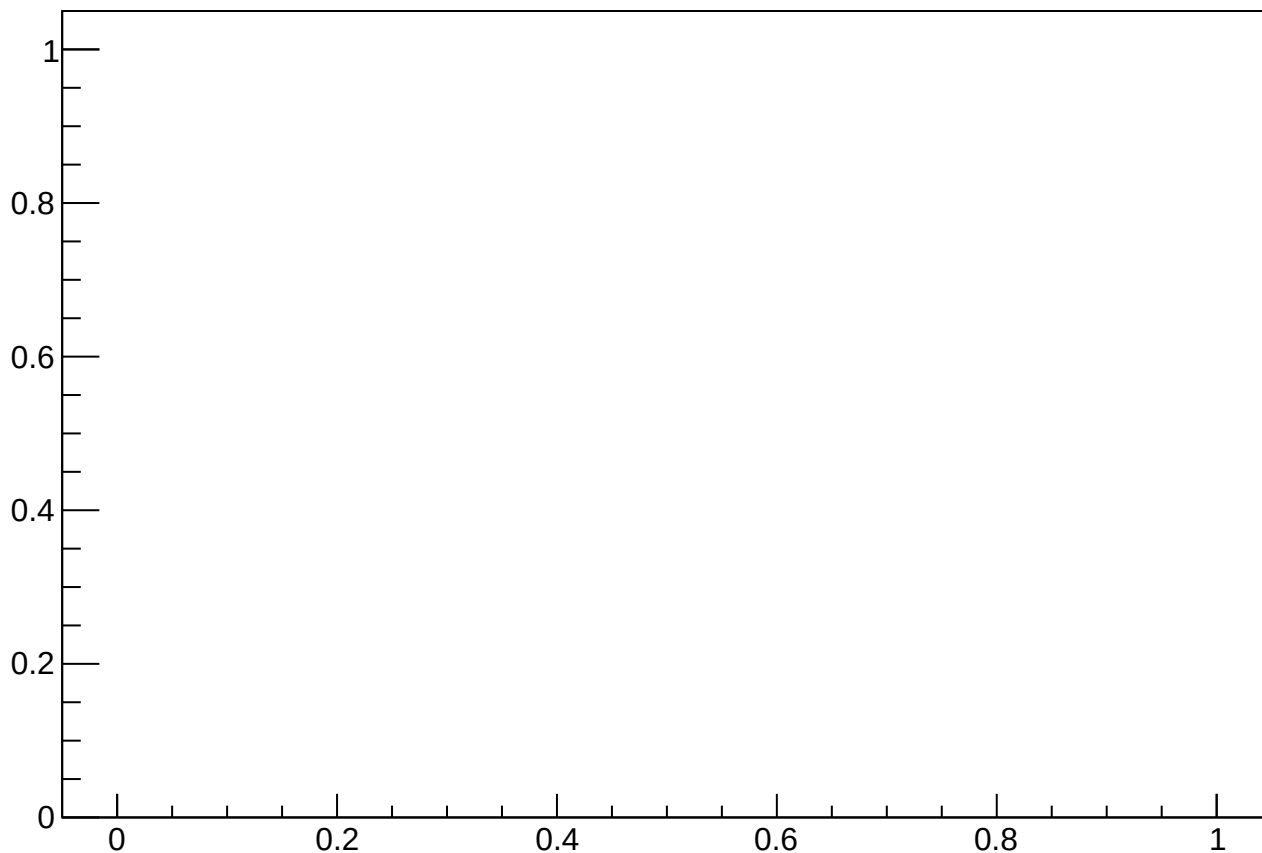
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

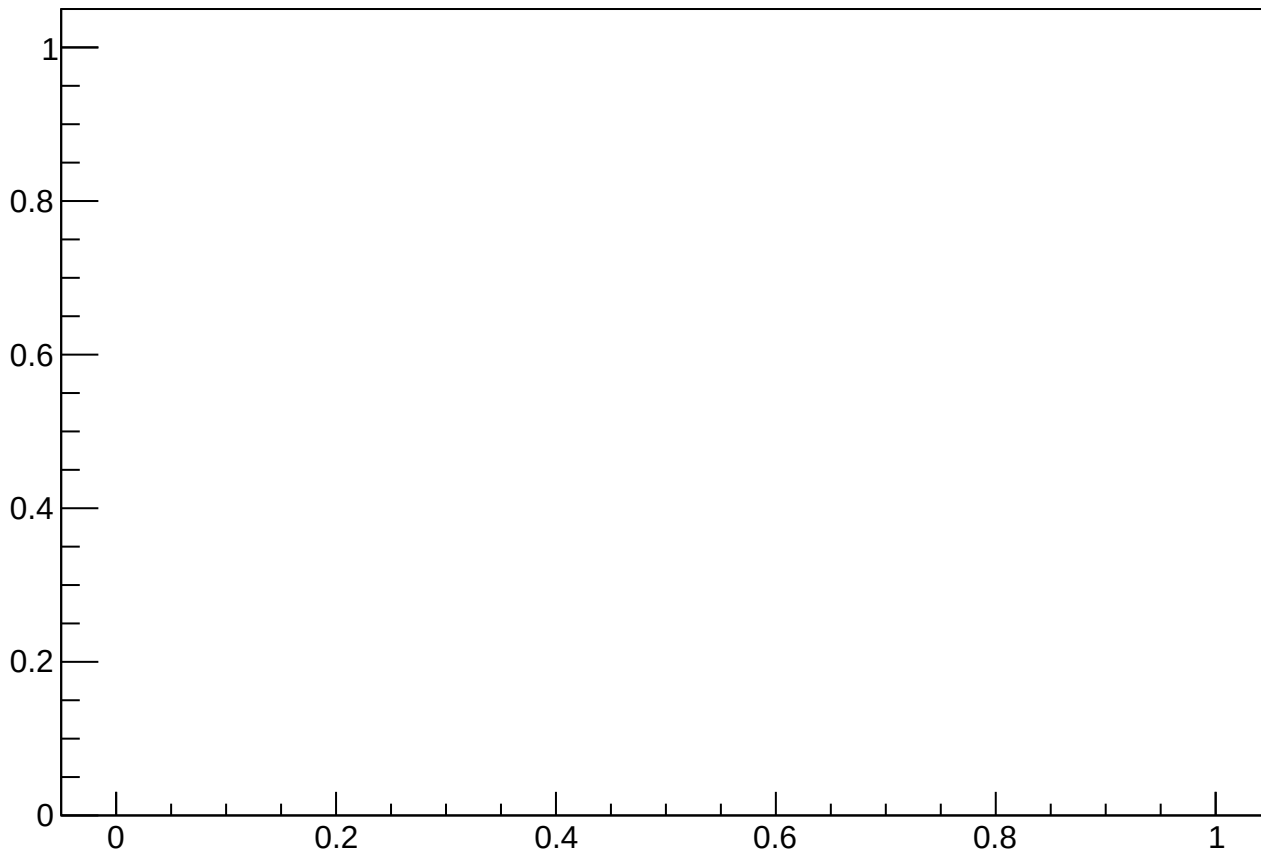
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

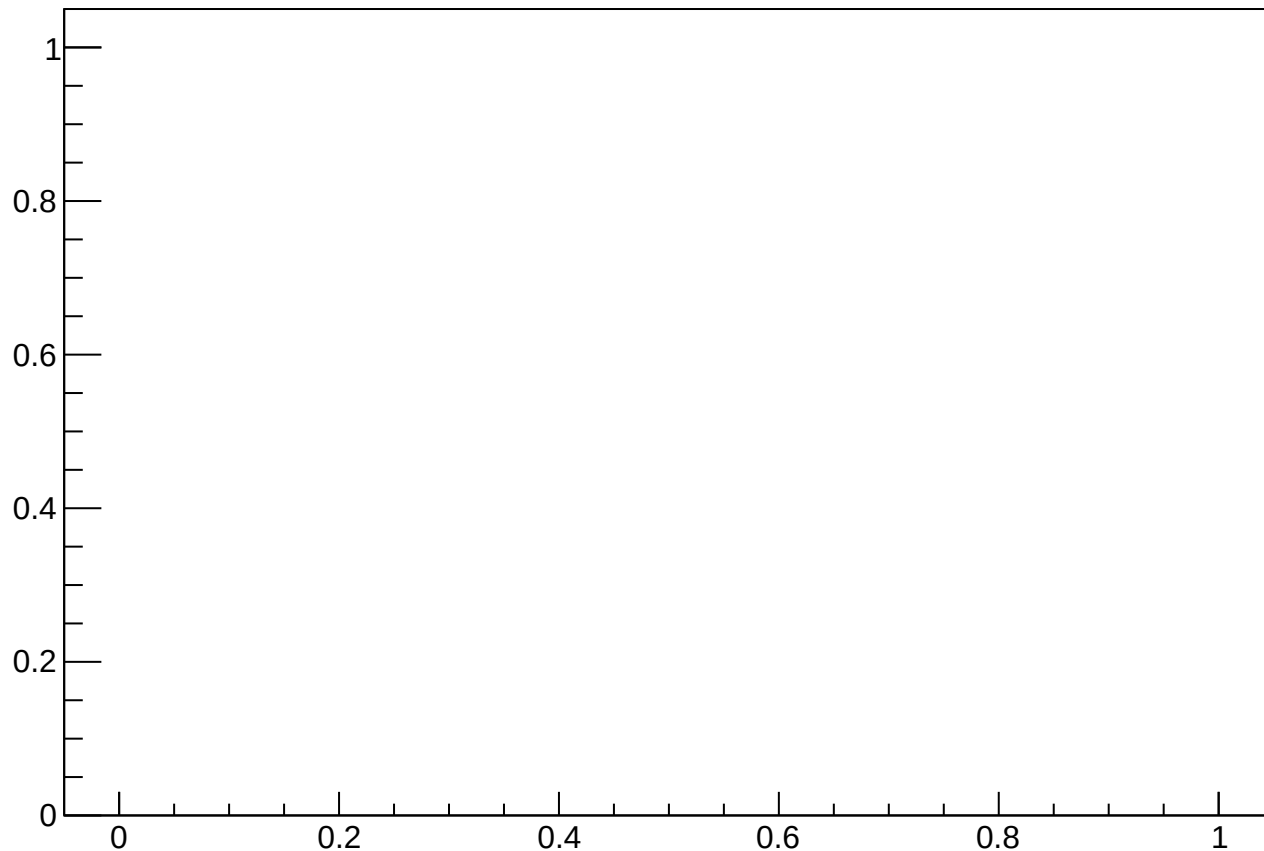
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

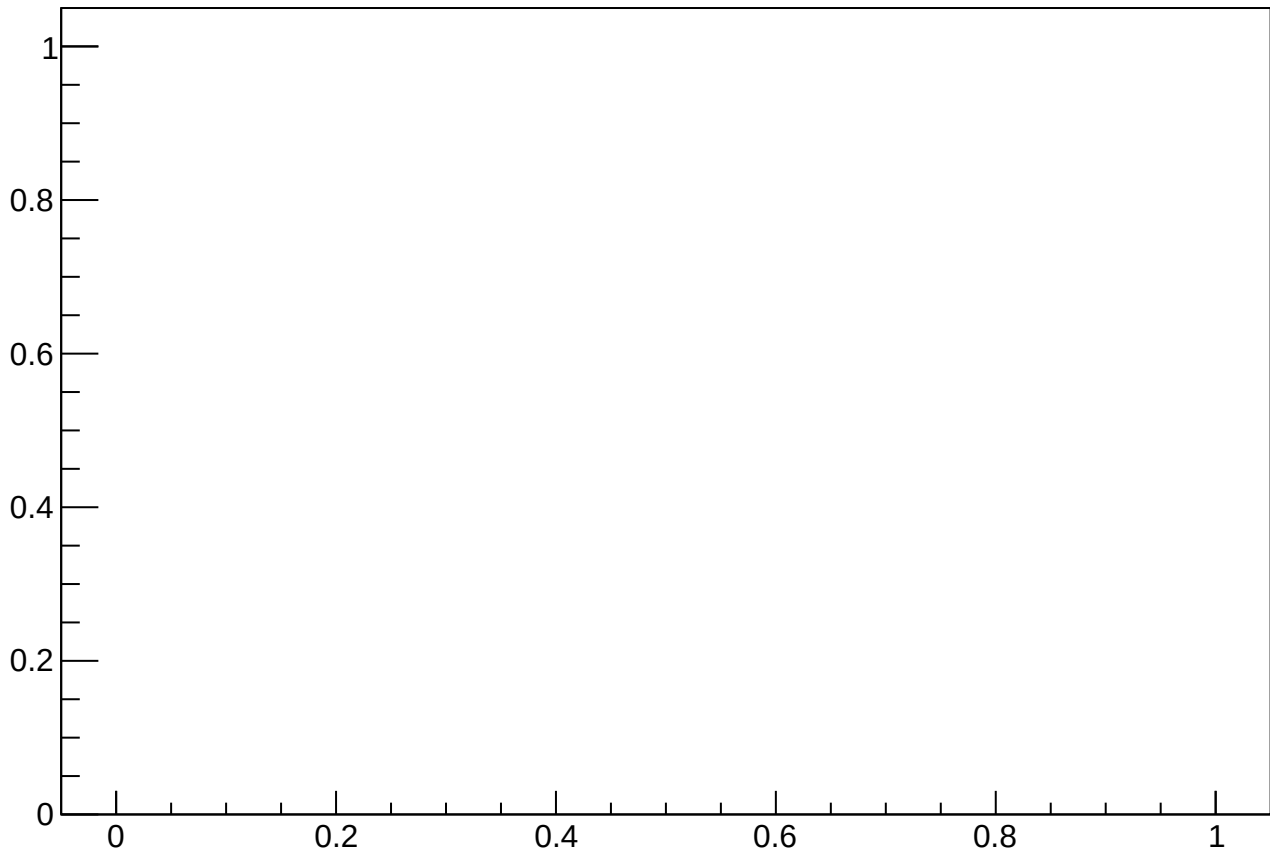
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

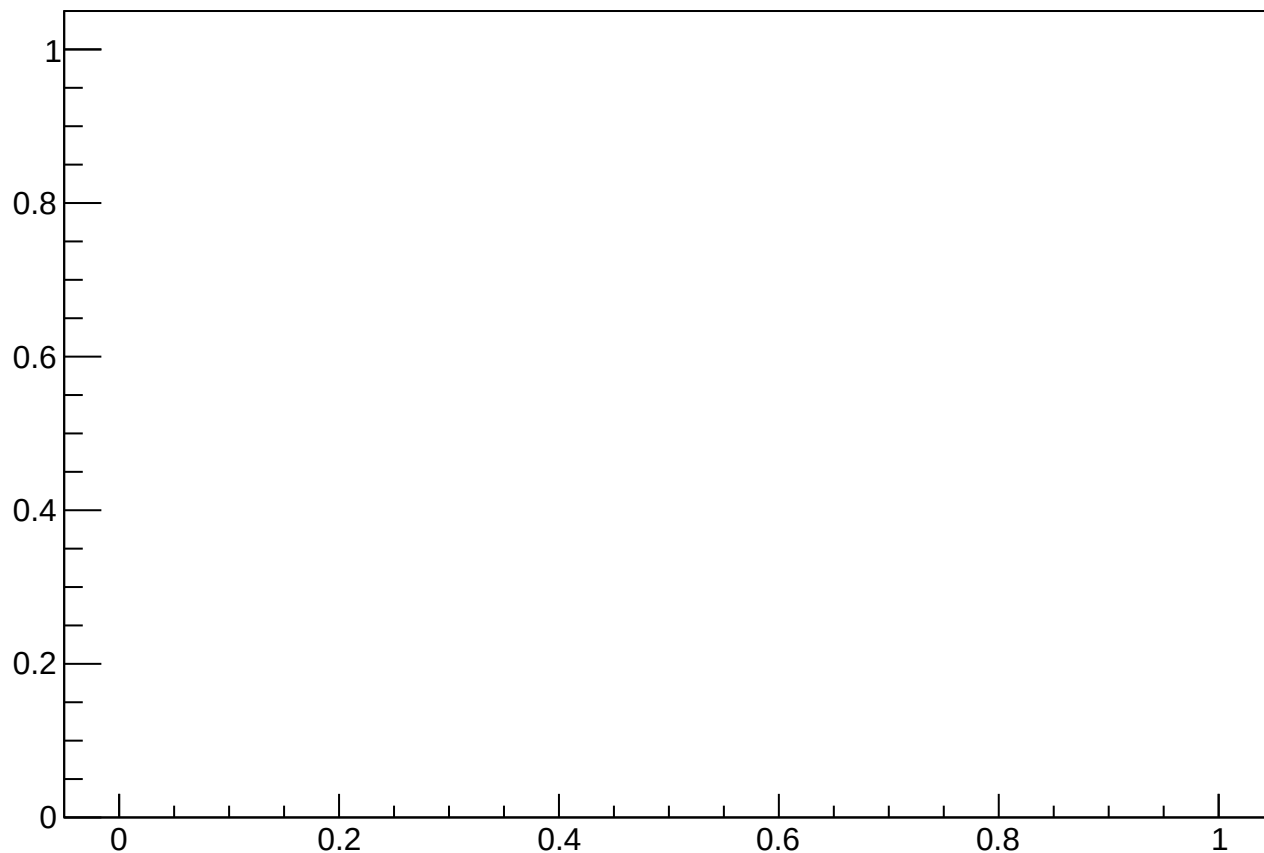
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

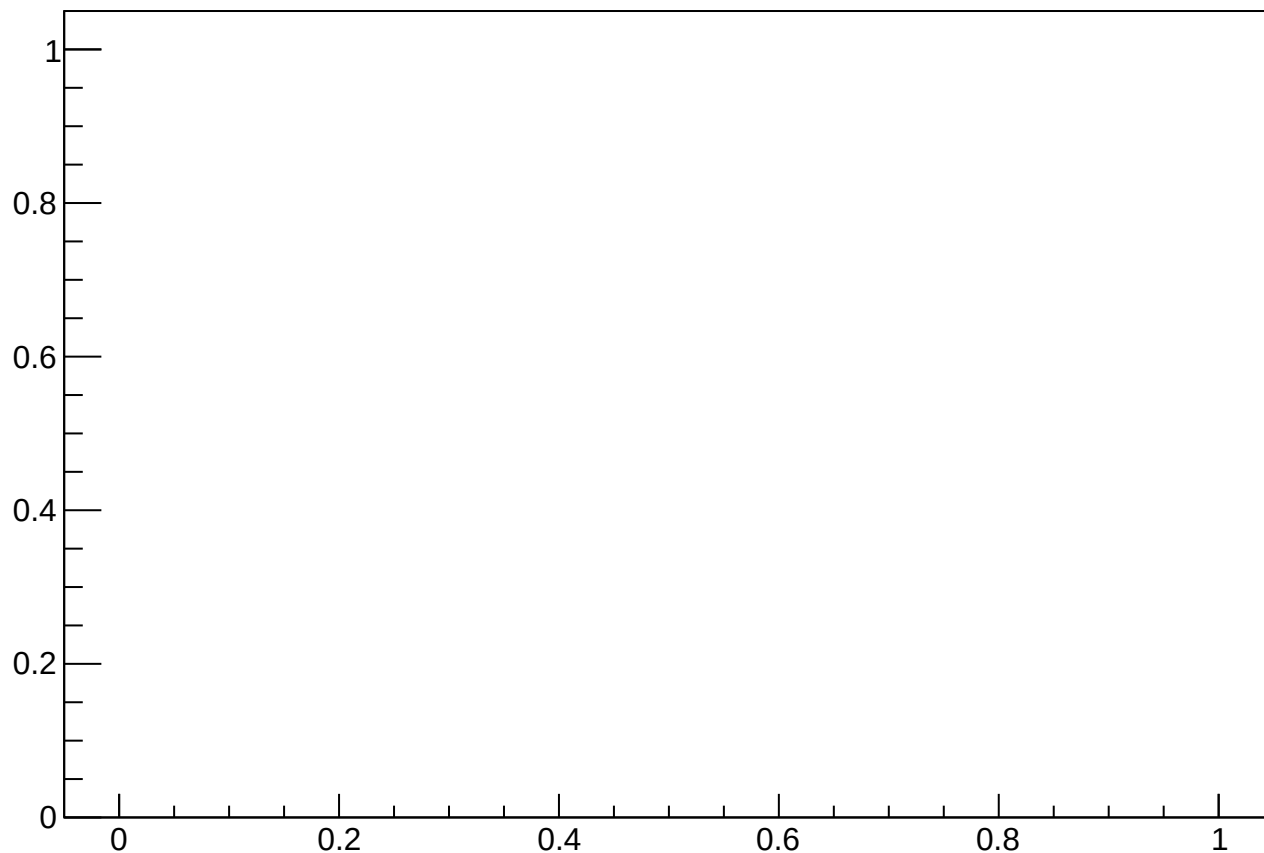
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

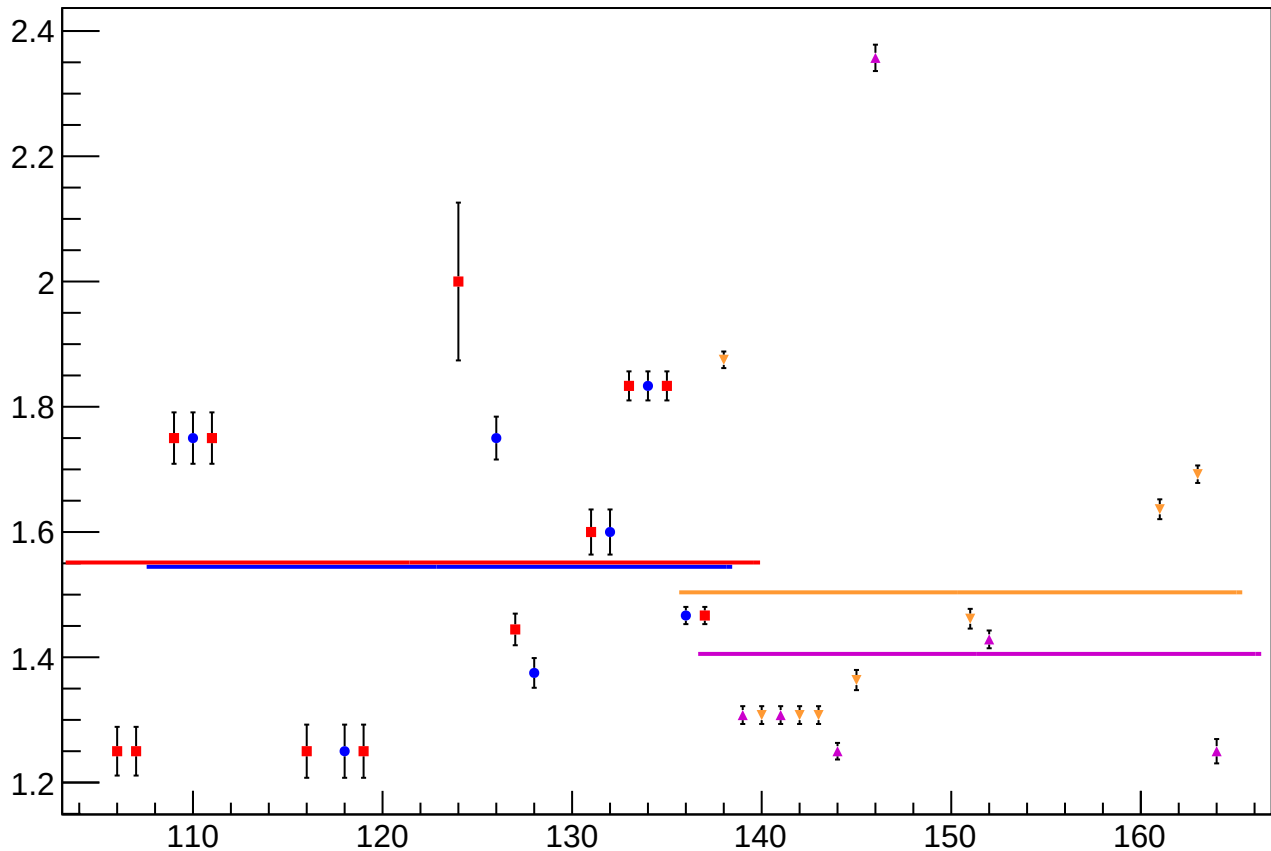
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.504 $\pm$ 0.005 χ^2 /NDF:1691.6/7

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.405 $\pm$ 0.006 χ^2 /NDF:2341.1/5

Left: 1.464 $\pm$ 0.004 χ^2 /NDF: 4179.3/13

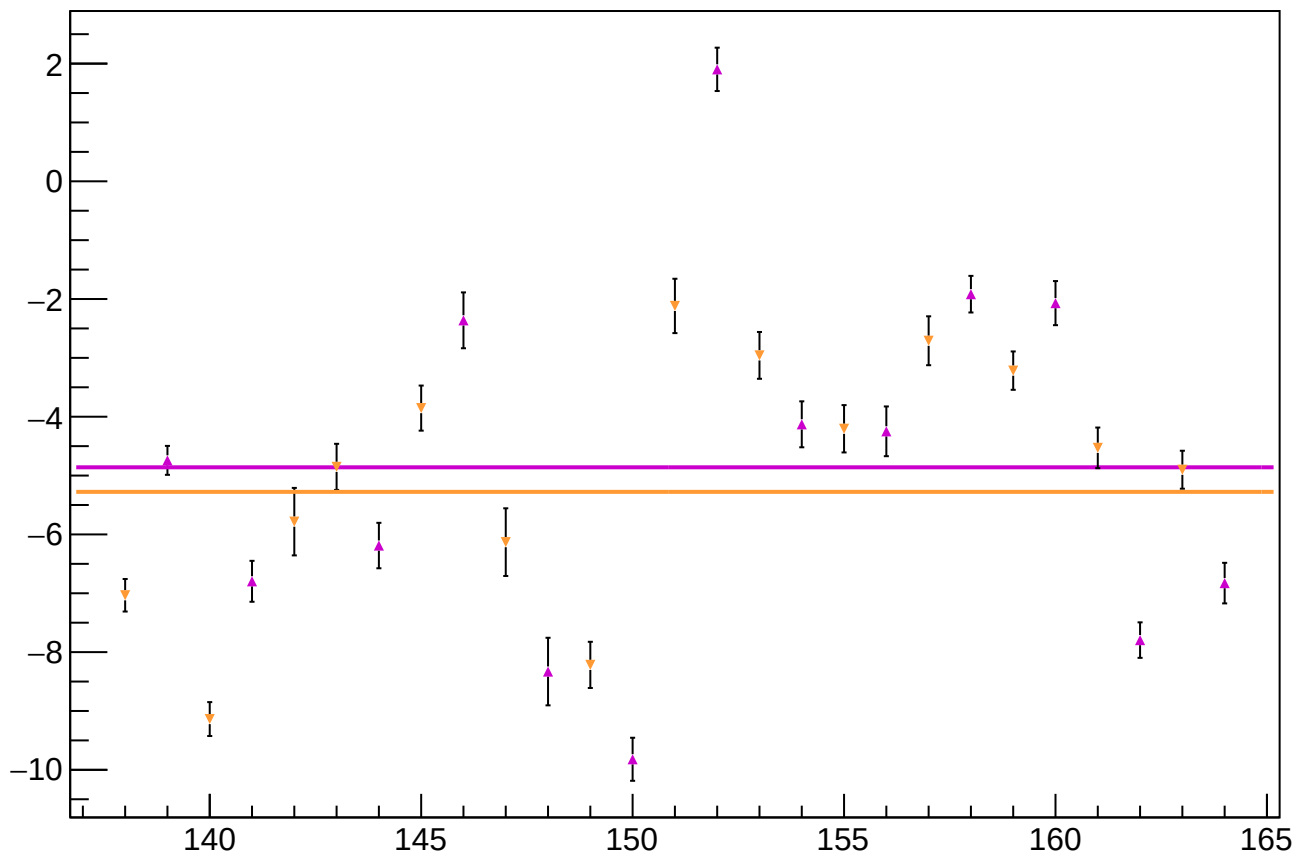
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.449 $\pm$ 0.005 χ^2 /NDF:2845.9/12

Out: 1.517 $\pm$ 0.004 χ^2 /NDF:2349.5/19

All: 1.489 $\pm$ 0.003 χ^2 /NDF: 5296.5/32

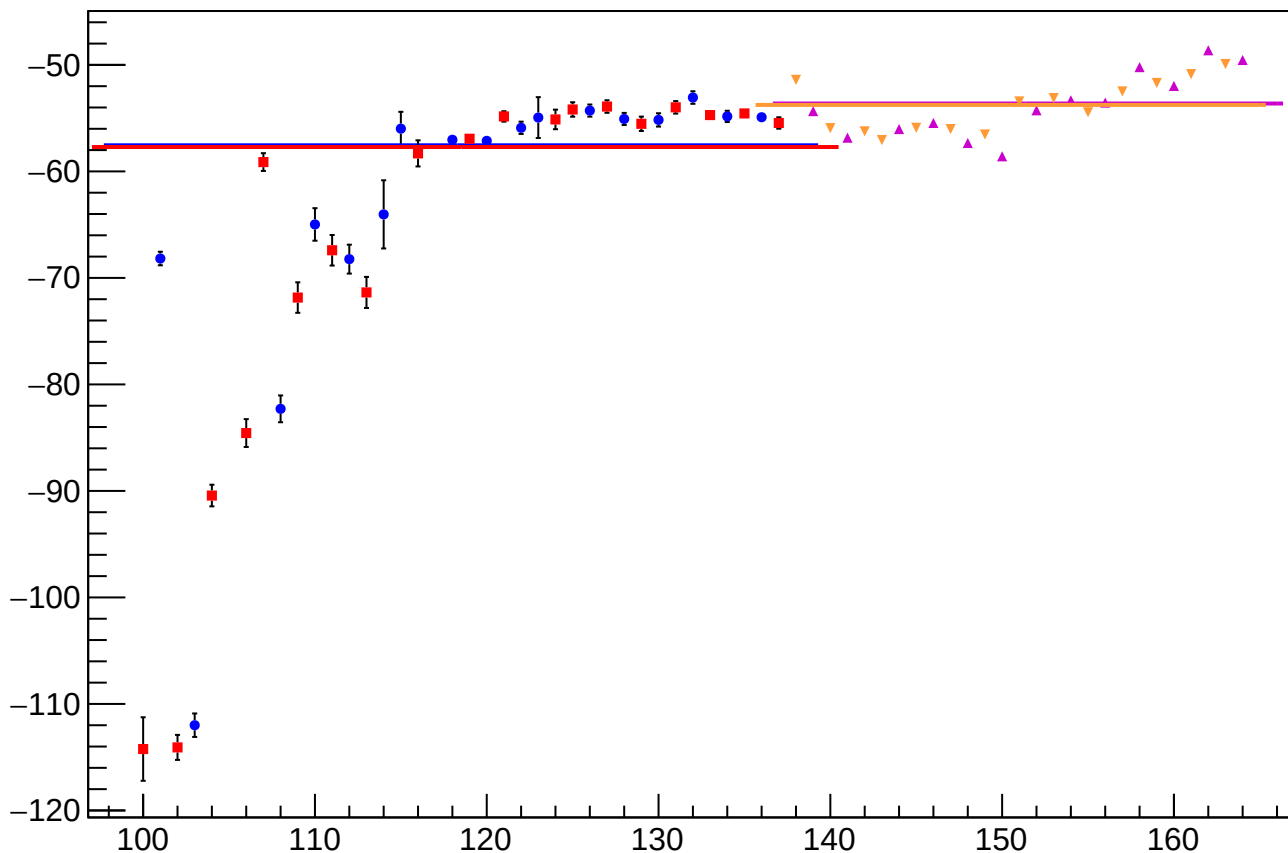
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.277+/-0.099 χ^2/NDF :466.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.860+/-0.099 χ^2/NDF :906.2/12

Left: -5.067+/-0.070 χ^2/NDF : 1381.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.860+/-0.099 χ^2/NDF :906.2/12
 Out: -5.277+/-0.099 χ^2/NDF :466.2/13
 All: -5.067+/-0.070 χ^2/NDF : 1381.2/26

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: -53.759 $\pm$ 0.073 χ^2 /NDF:1055.8/13

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -53.627 $\pm$ 0.075 χ^2 /NDF:1761.7/12

Left: -53.695 $\pm$ 0.052 χ^2 /NDF: 2819.1/26

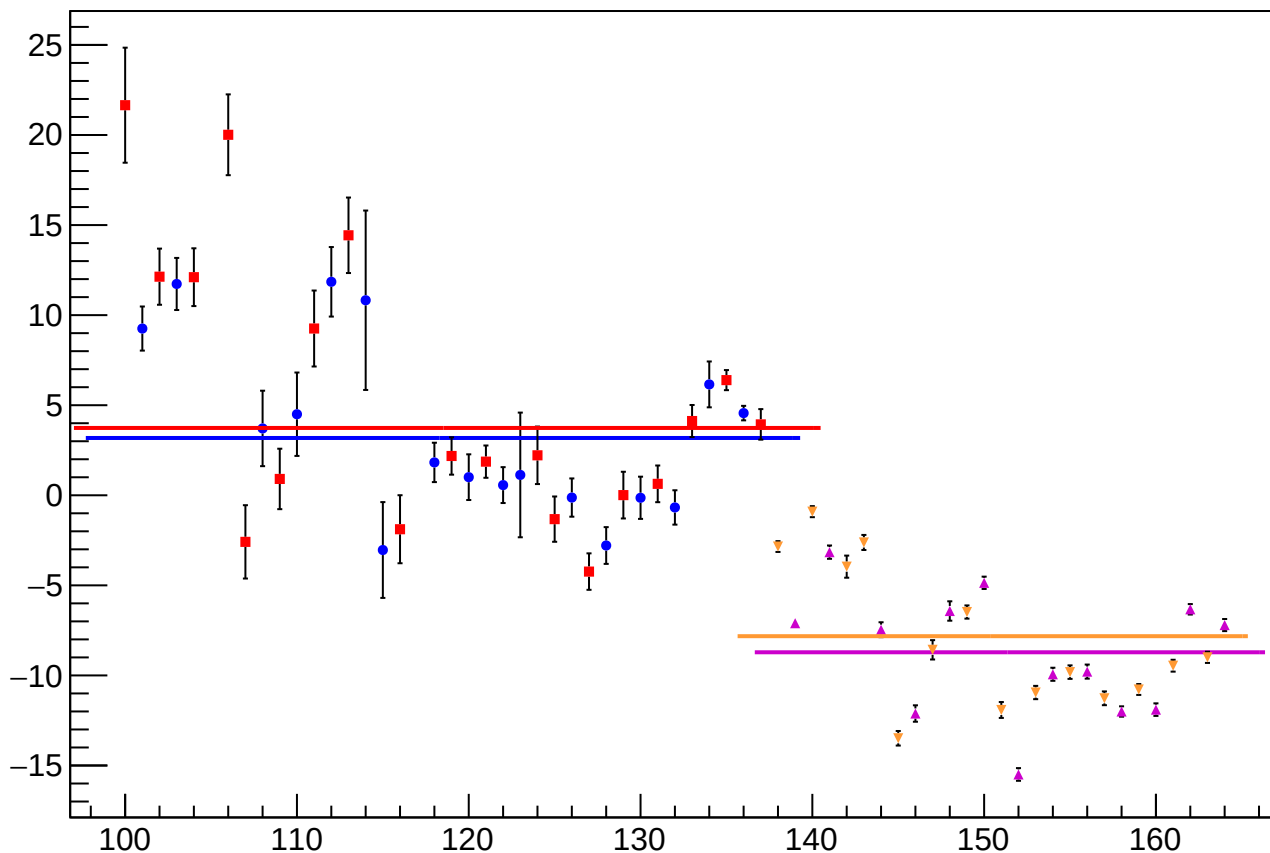
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -54.487 $\pm$ 0.066 χ^2 /NDF:5821.3/29

Out: -54.574 $\pm$ 0.065 χ^2 /NDF:6367.8/32

All: -54.531 $\pm$ 0.046 χ^2 /NDF: 12190.0/62

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.822 ± 0.098 χ^2/NDF : 1590.7/13

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -8.715 ± 0.097 χ^2/NDF : 1164.1/12

Left: -8.276 ± 0.069 χ^2/NDF : 2796.9/26

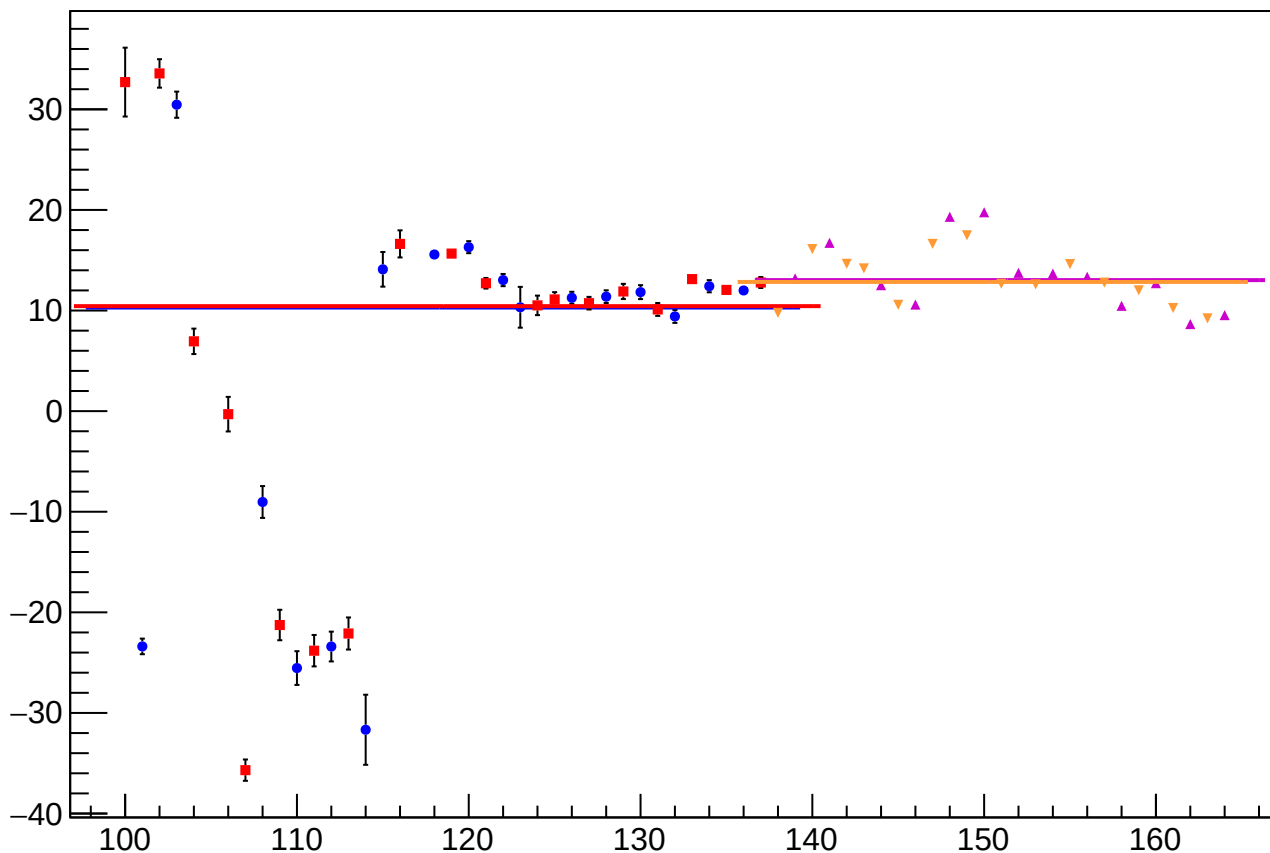
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -7.255 ± 0.090 χ^2/NDF : 3214.5/29

Out: -6.448 ± 0.092 χ^2/NDF : 3564.1/32

All: -6.858 ± 0.064 χ^2/NDF : 6817.8/62

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 12.843+/-0.083 χ^2/NDF :943.0/13

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 13.024+/-0.085 χ^2/NDF :1564.8/12

Left: 12.932+/-0.059 χ^2/NDF : 2510.1/26

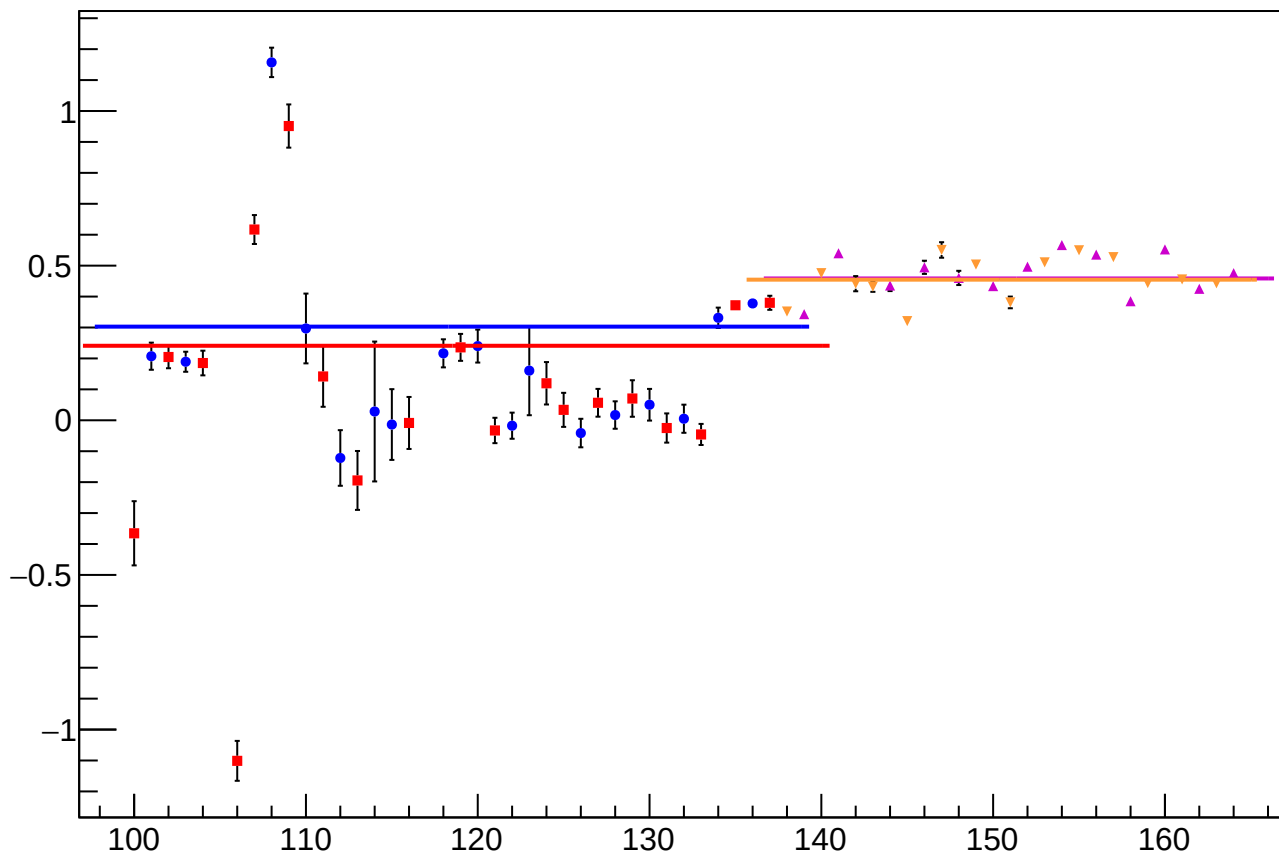
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 12.410+/-0.075 χ^2/NDF :5497.2/29

Out: 12.327+/-0.074 χ^2/NDF :4950.1/32

All: 12.368+/-0.052 χ^2/NDF : 10448.0/62

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: 0.455 $\pm$ 0.004 χ^2 /NDF:300.9/13

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.459 $\pm$ 0.004 χ^2 /NDF:418.8/12

Left: 0.457 $\pm$ 0.003 χ^2 /NDF: 720.2/26

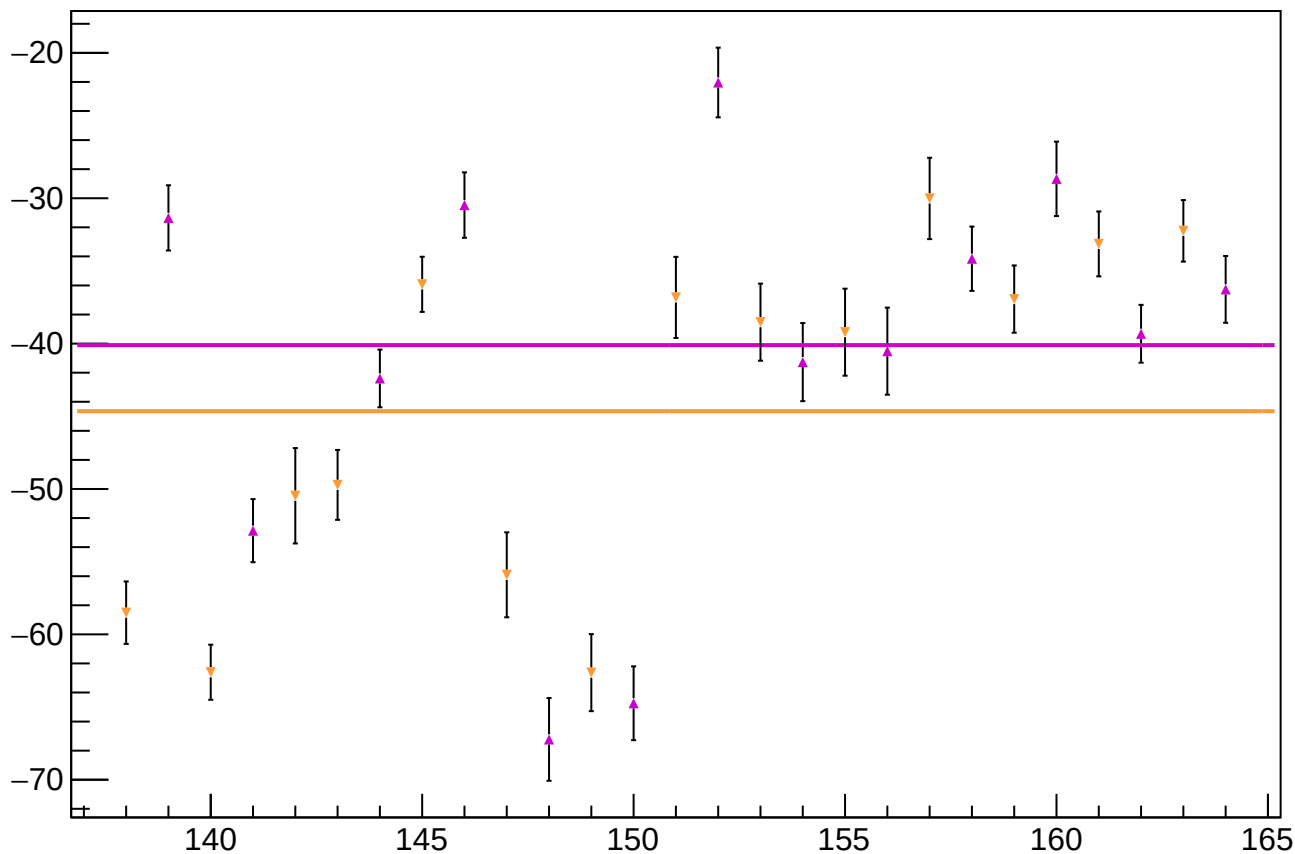
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.432 $\pm$ 0.003 χ^2 /NDF:1365.9/29

Out: 0.419 $\pm$ 0.003 χ^2 /NDF:1819.2/32

All: 0.426 $\pm$ 0.002 χ^2 /NDF: 3192.2/62

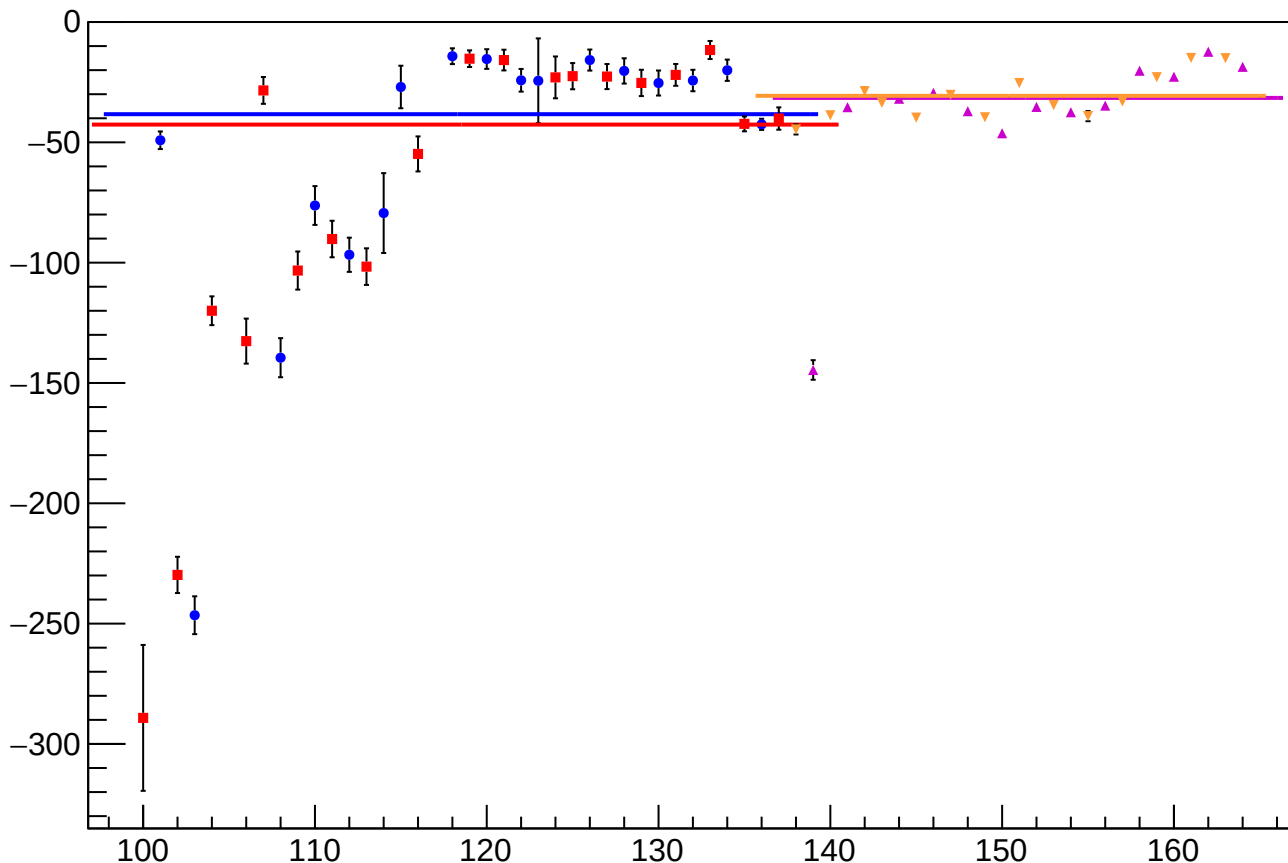
reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -44.648 $\pm$ 0.643 χ^2 /NDF:336.9/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -40.103 $\pm$ 0.650 χ^2 /NDF:341.6/12

Left: -42.402 $\pm$ 0.457 χ^2 /NDF: 703.2/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -40.103 $\pm$ 0.650 χ^2 /NDF:341.6/12
 Out: -44.648 $\pm$ 0.643 χ^2 /NDF:336.9/13
 All: -42.402 $\pm$ 0.457 χ^2 /NDF: 703.2/26

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: -30.667 ± 0.453 $\chi^2/\text{NDF}: 390.6/13$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -31.532 ± 0.464 $\chi^2/\text{NDF}: 1160.1/12$

Left: -31.089 ± 0.324 $\chi^2/\text{NDF}: 1552.5/26$

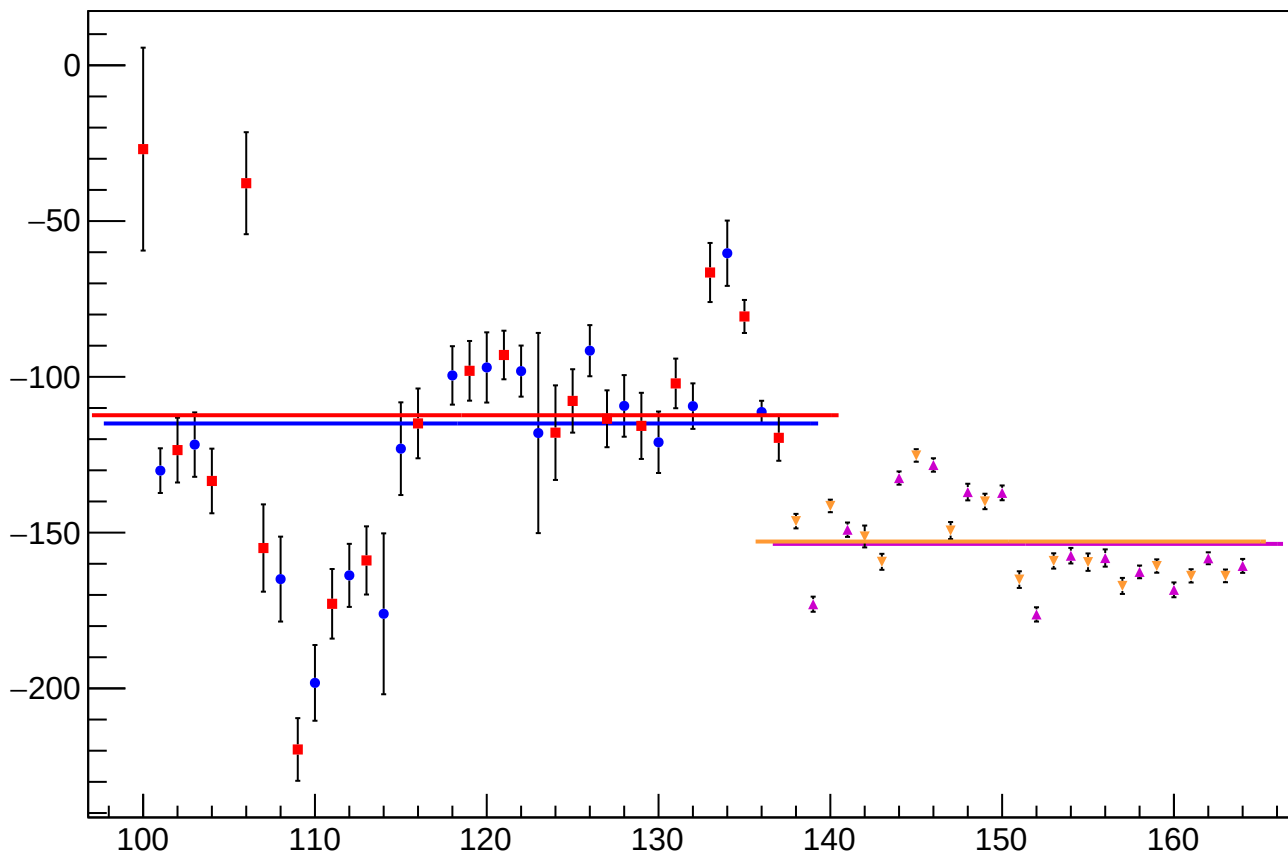
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -32.495 ± 0.429 $\chi^2/\text{NDF}: 2323.2/29$

Out: -32.138 ± 0.424 $\chi^2/\text{NDF}: 1820.9/32$

All: -32.314 ± 0.302 $\chi^2/\text{NDF}: 4144.5/62$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -152.862 $\pm$ 0.637 χ^2 /NDF:395.5/13

Right Out: -112.320 $\pm$ 2.205 χ^2 /NDF: 274.0/18

Left In: -153.616 $\pm$ 0.635 χ^2 /NDF:566.4/12

Left: -153.240 $\pm$ 0.450 χ^2 /NDF: 962.7/26

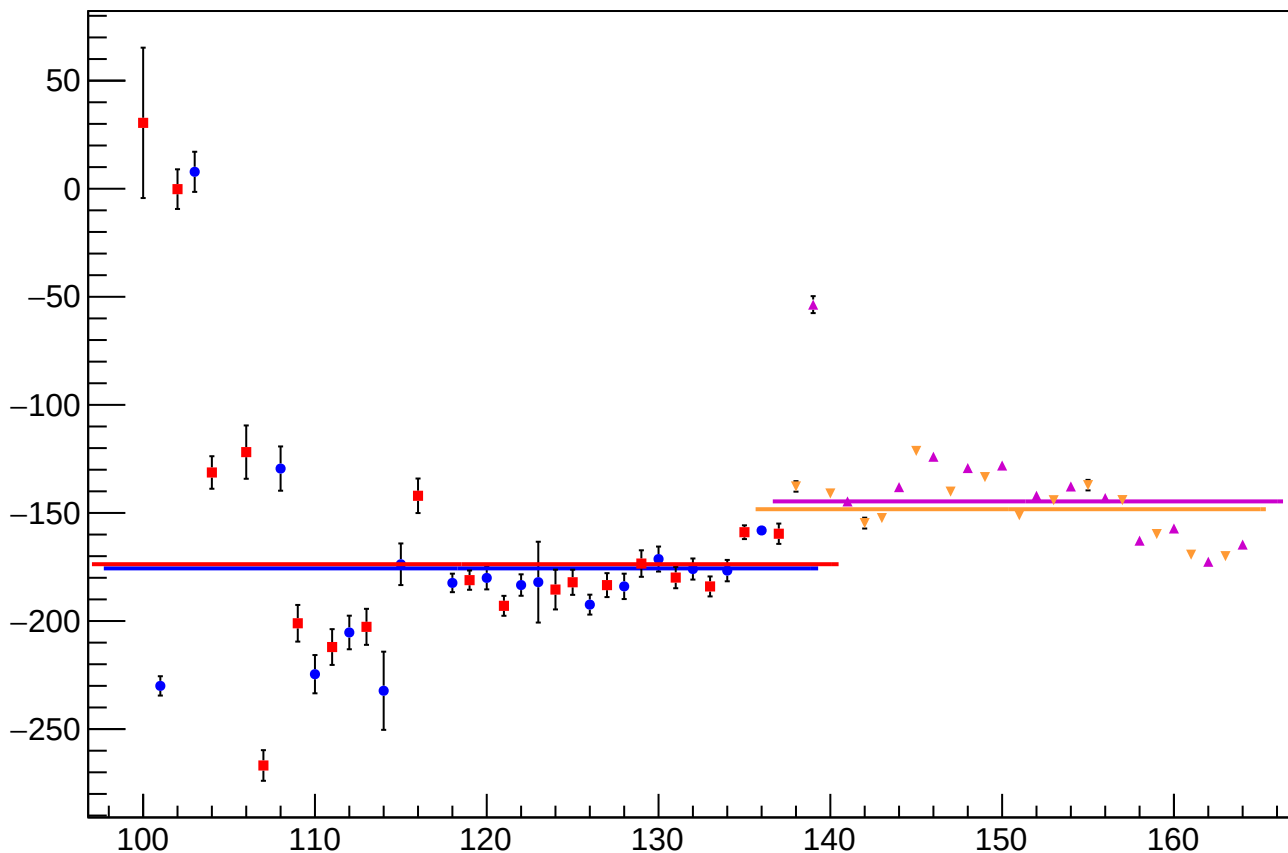
Right: -113.725 $\pm$ 1.511 χ^2 /NDF: 416.2/35

In: -150.306 $\pm$ 0.607 χ^2 /NDF:1025.2/29

Out: -149.742 $\pm$ 0.612 χ^2 /NDF:981.5/32

All: -150.026 $\pm$ 0.431 χ^2 /NDF: 2007.2/62

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 $\chi^2/\text{NDF}: 692.1/16$

Left Out: -148.274 ± 0.528 $\chi^2/\text{NDF}: 750.7/13$

Right Out: -173.714 ± 1.354 $\chi^2/\text{NDF}: 738.0/18$

Left In: -144.660 ± 0.536 $\chi^2/\text{NDF}: 1396.4/12$

Left: -146.496 ± 0.376 $\chi^2/\text{NDF}: 2170.2/26$

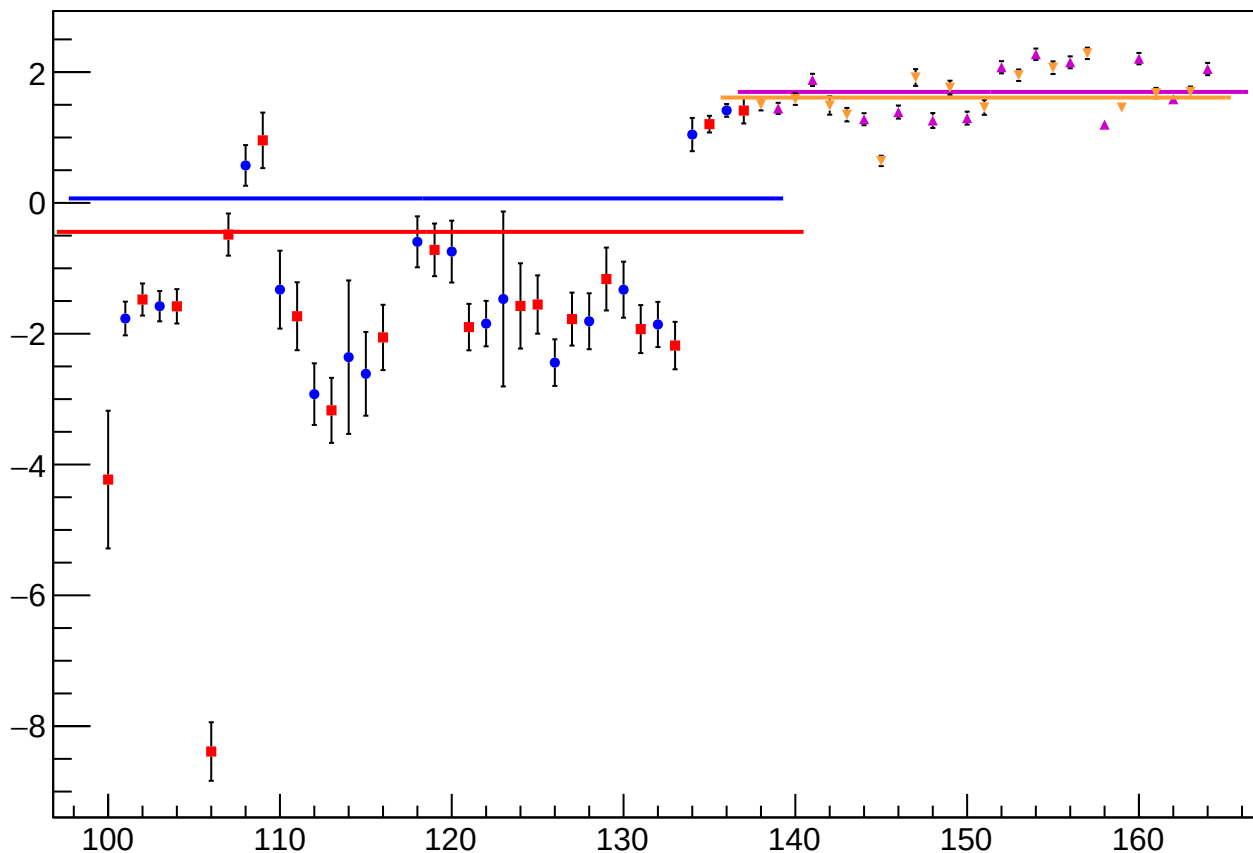
Right: -174.745 ± 0.926 $\chi^2/\text{NDF}: 1431.2/35$

In: -149.357 ± 0.494 $\chi^2/\text{NDF}: 2594.4/29$

Out: -151.630 ± 0.492 $\chi^2/\text{NDF}: 1795.1/32$

All: -150.498 ± 0.349 $\chi^2/\text{NDF}: 4400.1/62$

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: 1.611 $\pm$ 0.025 χ^2 /NDF:271.7/13

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.697 $\pm$ 0.025 χ^2 /NDF:254.1/12

Left: 1.654 $\pm$ 0.018 χ^2 /NDF: 531.7/26

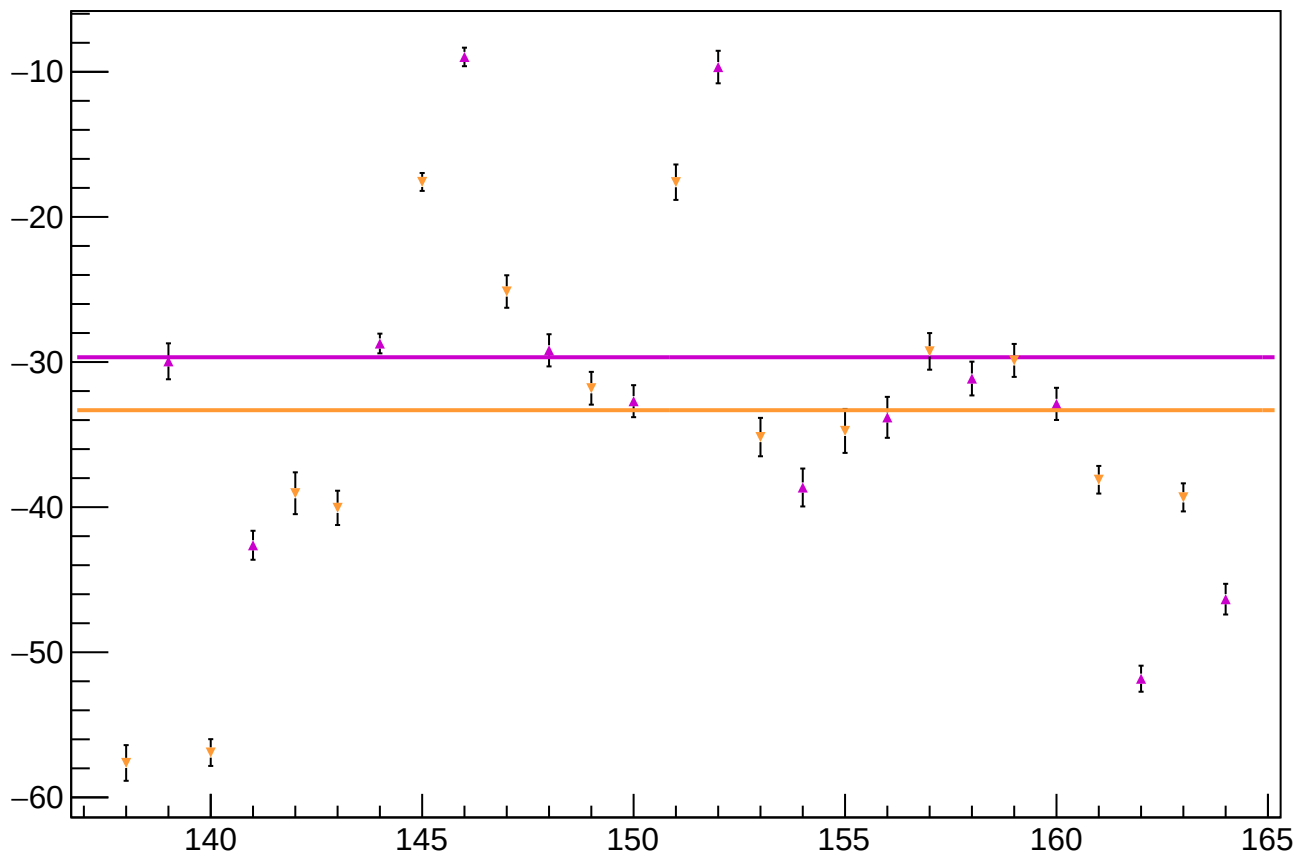
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.500 $\pm$ 0.023 χ^2 /NDF:1299.1/29

Out: 1.387 $\pm$ 0.023 χ^2 /NDF:1771.3/32

All: 1.444 $\pm$ 0.017 χ^2 /NDF: 3081.9/62

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



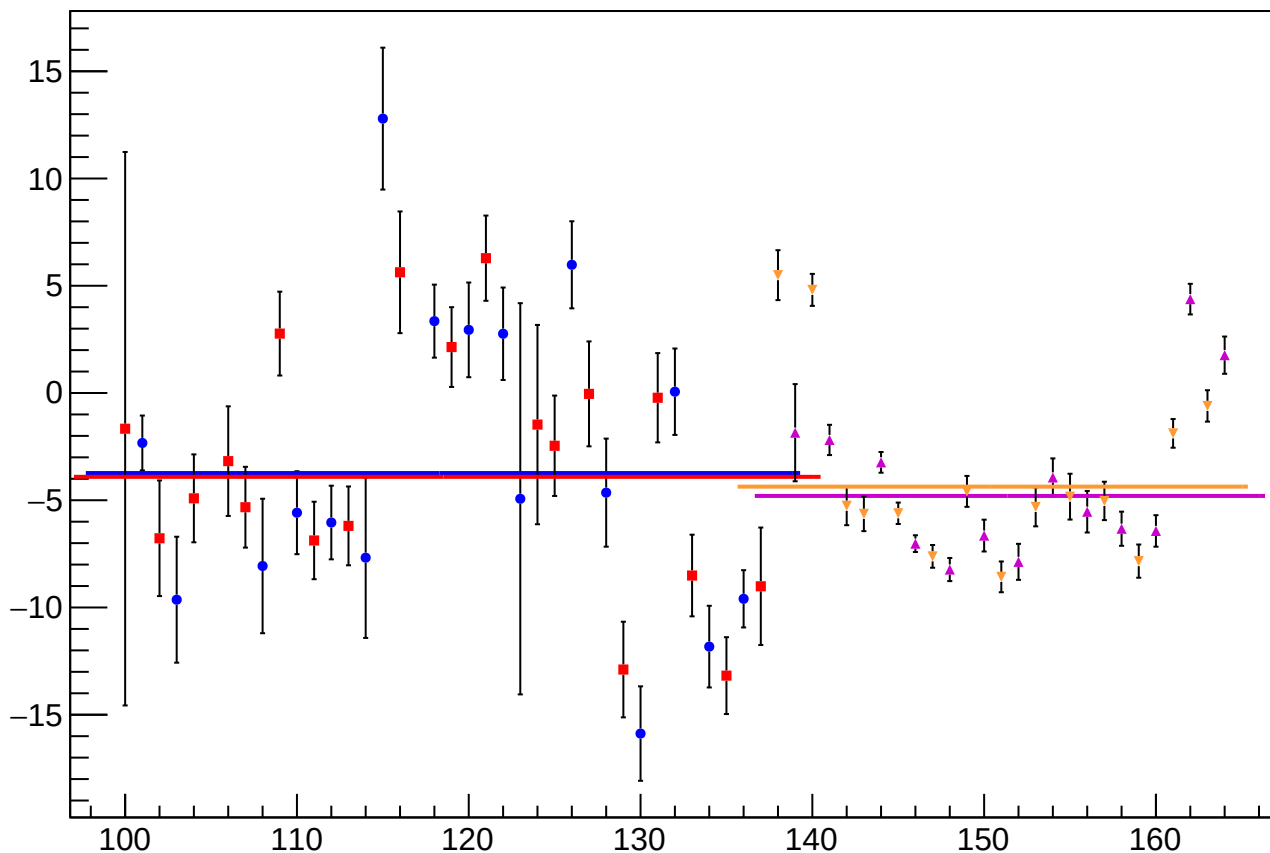
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.319+/-0.283 χ^2/NDF :2049.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.669+/-0.272 χ^2/NDF :2470.2/12

Left: -31.424+/-0.196 χ^2/NDF : 4606.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.669+/-0.272 χ^2/NDF :2470.2/12
 Out: -33.319+/-0.283 χ^2/NDF :2049.6/13

All: -31.424+/-0.196 χ^2/NDF : 4606.2/26

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.366 ± 0.197 χ^2/NDF : 367.1/13

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -4.799 ± 0.186 χ^2/NDF : 351.1/12

Left: -4.594 ± 0.135 χ^2/NDF : 720.8/26

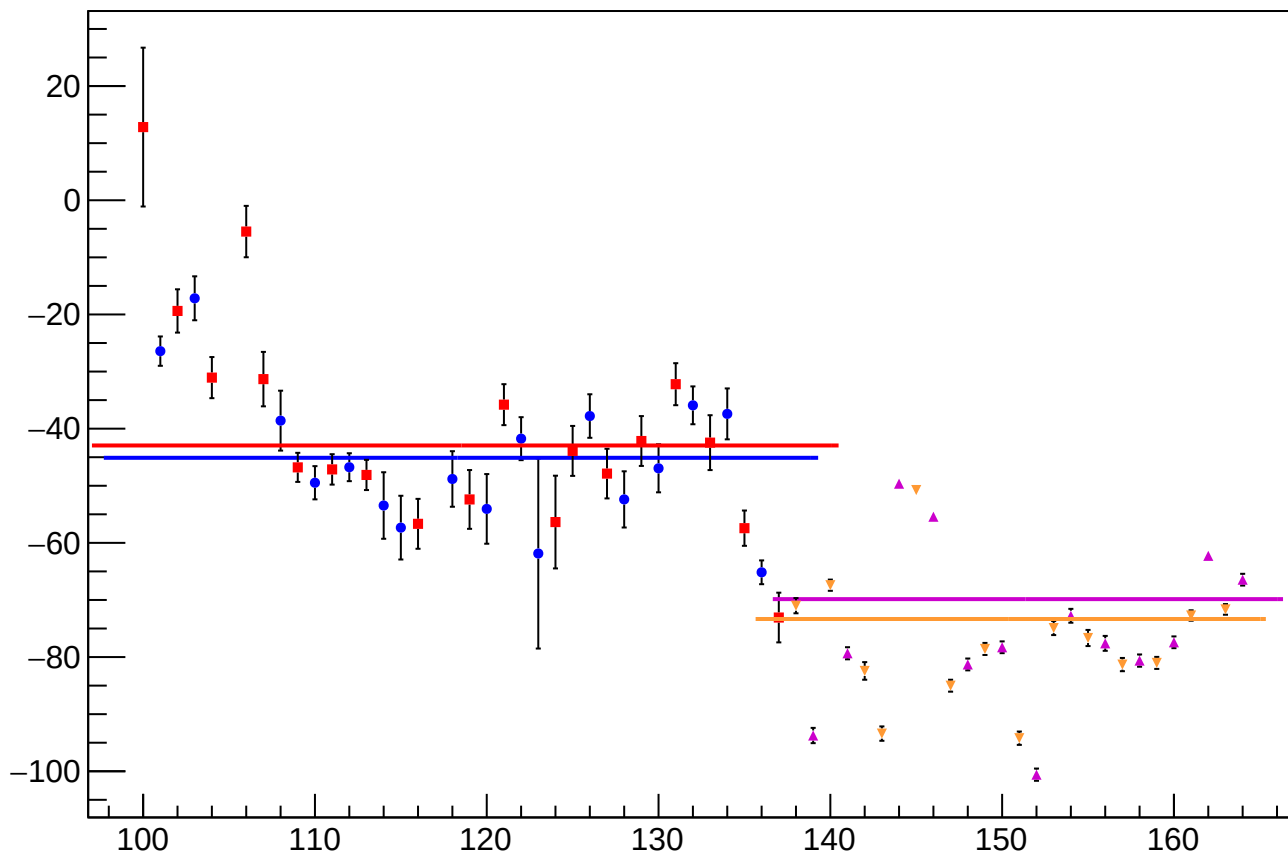
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -4.667 ± 0.174 χ^2/NDF : 521.0/29

Out: -4.306 ± 0.183 χ^2/NDF : 492.6/32

All: -4.495 ± 0.126 χ^2/NDF : 1015.6/62

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.333 ± 0.281 χ^2/NDF : 2094.7/13

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -69.854 ± 0.266 χ^2/NDF : 3018.2/12

Left: -71.502 ± 0.193 χ^2/NDF : 5193.7/26

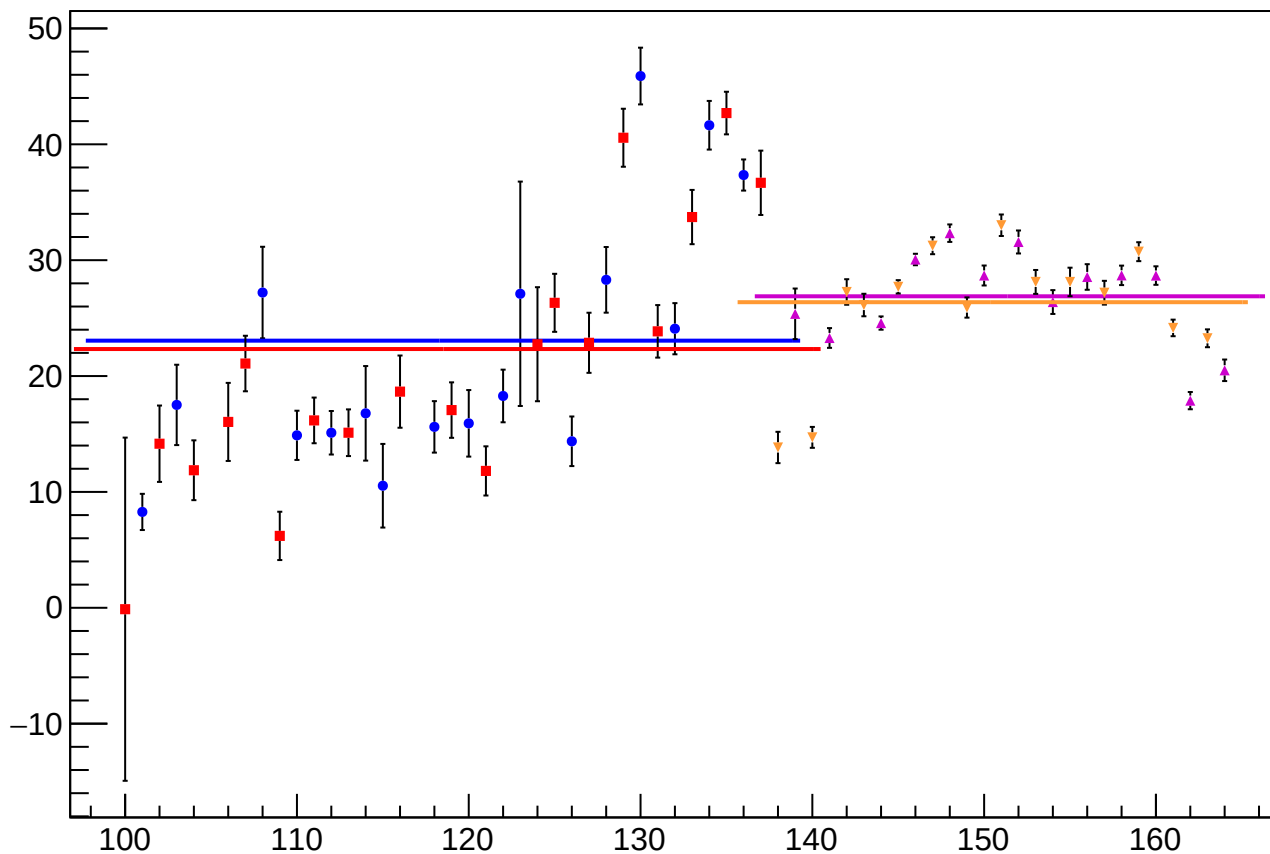
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -67.786 ± 0.255 χ^2/NDF : 3969.6/29

Out: -70.509 ± 0.267 χ^2/NDF : 3431.8/32

All: -69.083 ± 0.185 χ^2/NDF : 7455.7/62

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2/NDF : 461.1/16

Left Out: 26.374+/-0.231 χ^2/NDF : 414.9/13

Right Out: 22.331+/-0.572 χ^2/NDF : 371.1/18

Left In: 26.884+/-0.221 χ^2/NDF : 360.5/12

Left: 26.641+/-0.160 χ^2/NDF : 777.9/26

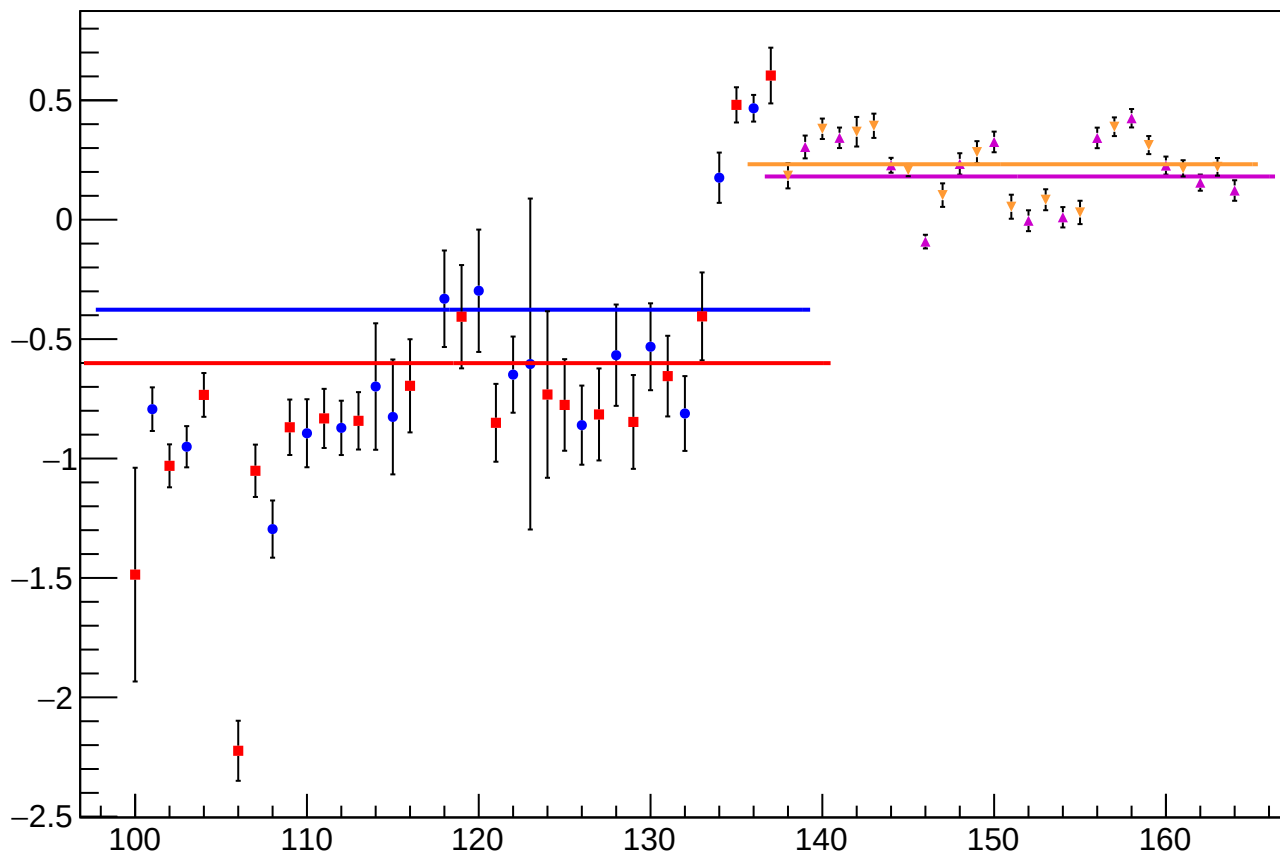
Right: 22.703+/-0.399 χ^2/NDF : 833.0/35

In: 26.365+/-0.205 χ^2/NDF : 862.4/29

Out: 25.807+/-0.214 χ^2/NDF : 828.8/32

All: 26.098+/-0.148 χ^2/NDF : 1694.8/62

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: 0.232 ± 0.011 $\chi^2/\text{NDF}: 98.7/13$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.181 ± 0.011 $\chi^2/\text{NDF}: 218.3/12$

Left: 0.206 ± 0.008 $\chi^2/\text{NDF}: 328.0/26$

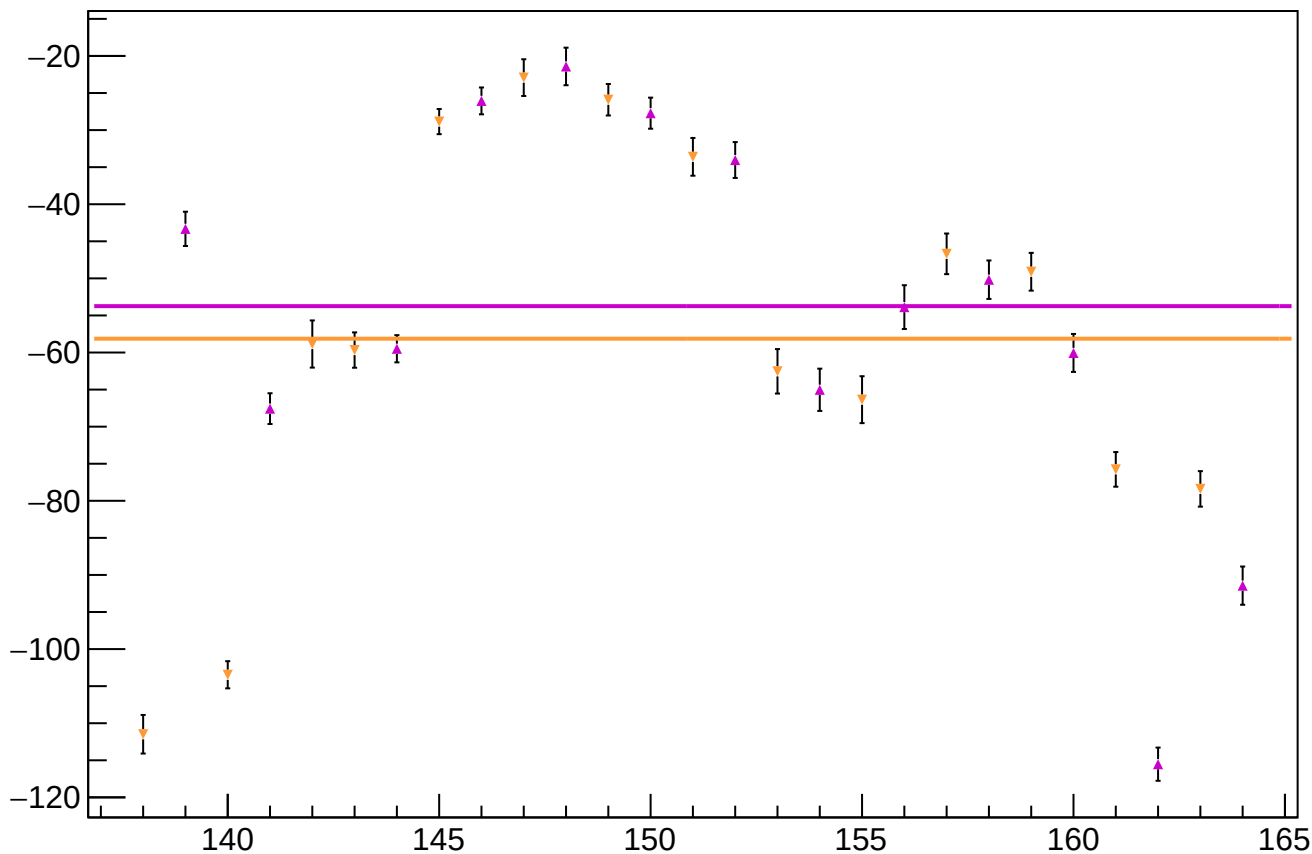
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.118 ± 0.010 $\chi^2/\text{NDF}: 960.4/29$

Out: 0.134 ± 0.010 $\chi^2/\text{NDF}: 1325.8/32$

All: 0.126 ± 0.007 $\chi^2/\text{NDF}: 2287.4/62$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.136+/-0.637 χ^2/NDF :2022.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.745+/-0.637 χ^2/NDF :1690.5/12

Left: -55.940+/-0.450 χ^2/NDF : 3736.9/26

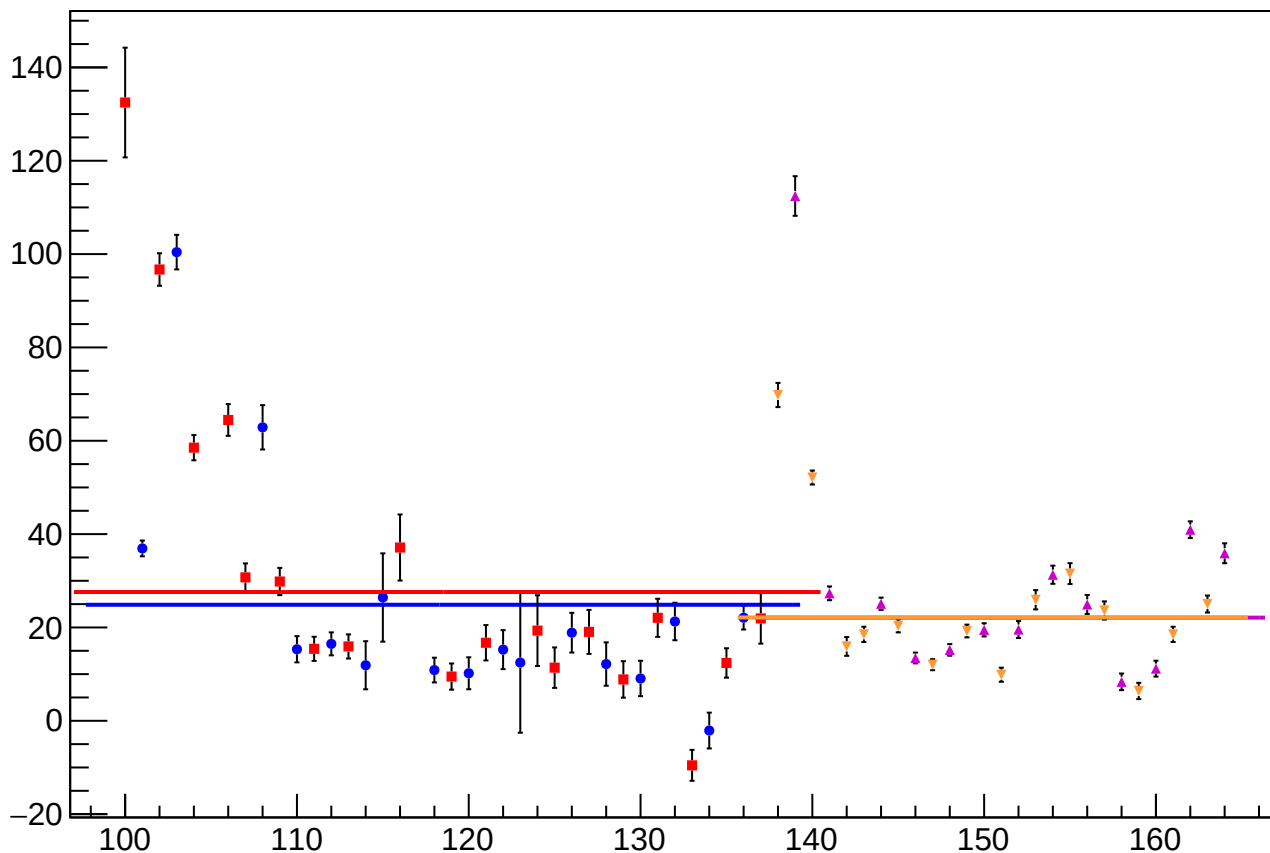
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.745+/-0.637 χ^2/NDF :1690.5/12

Out: -58.136+/-0.637 χ^2/NDF :2022.7/13

All: -55.940+/-0.450 χ^2/NDF : 3736.9/26

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: 22.139 $\pm$ 0.442 χ^2 /NDF:1007.9/13

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 22.103 $\pm$ 0.447 χ^2 /NDF:842.0/12

Left: 22.121 $\pm$ 0.315 χ^2 /NDF: 1849.8/26

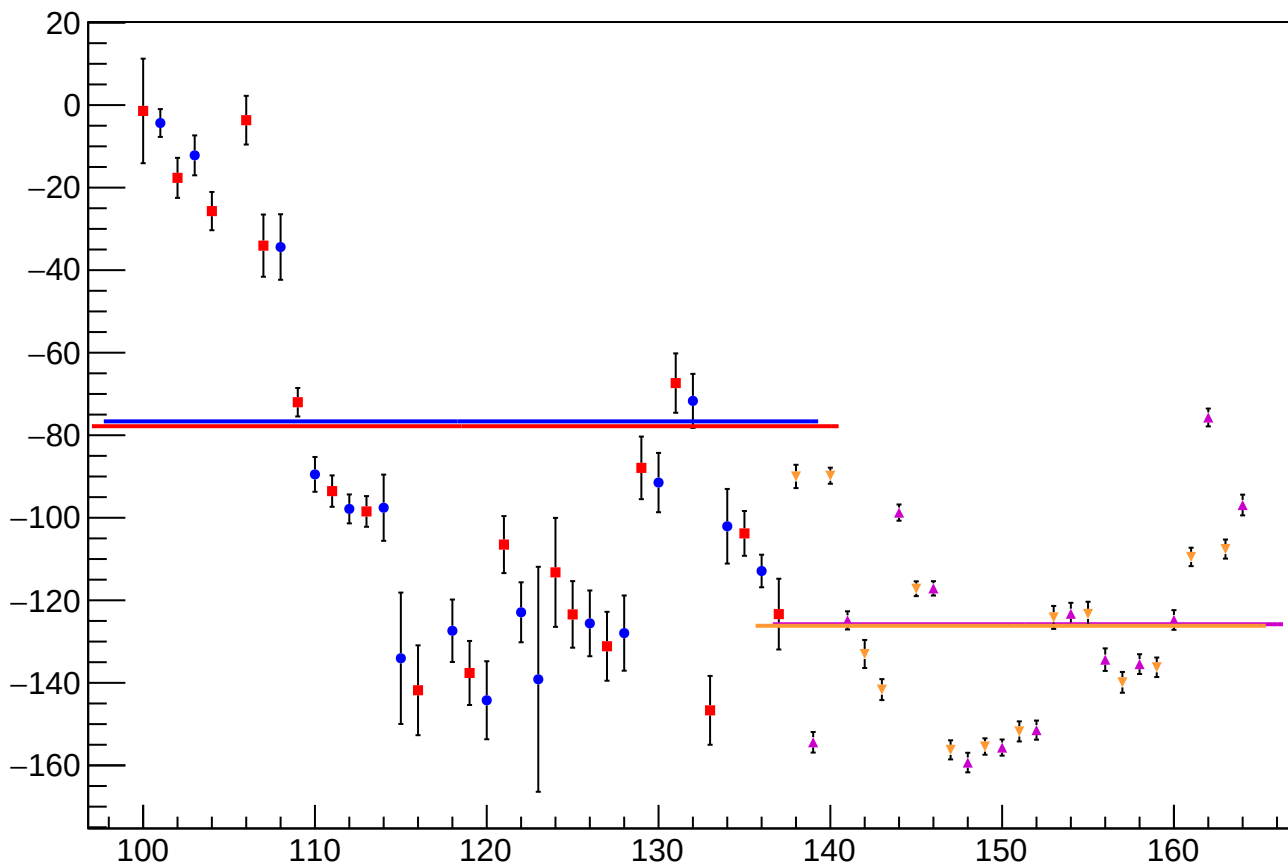
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 22.758 $\pm$ 0.391 χ^2 /NDF:1542.0/29

Out: 23.392 $\pm$ 0.388 χ^2 /NDF:2053.8/32

All: 23.077 $\pm$ 0.275 χ^2 /NDF: 3597.1/62

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -126.172 ± 0.630 χ^2/NDF : 1243.8/13

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -125.800 ± 0.623 χ^2/NDF : 1599.6/12

Left: -125.984 ± 0.443 χ^2/NDF : 2843.6/26

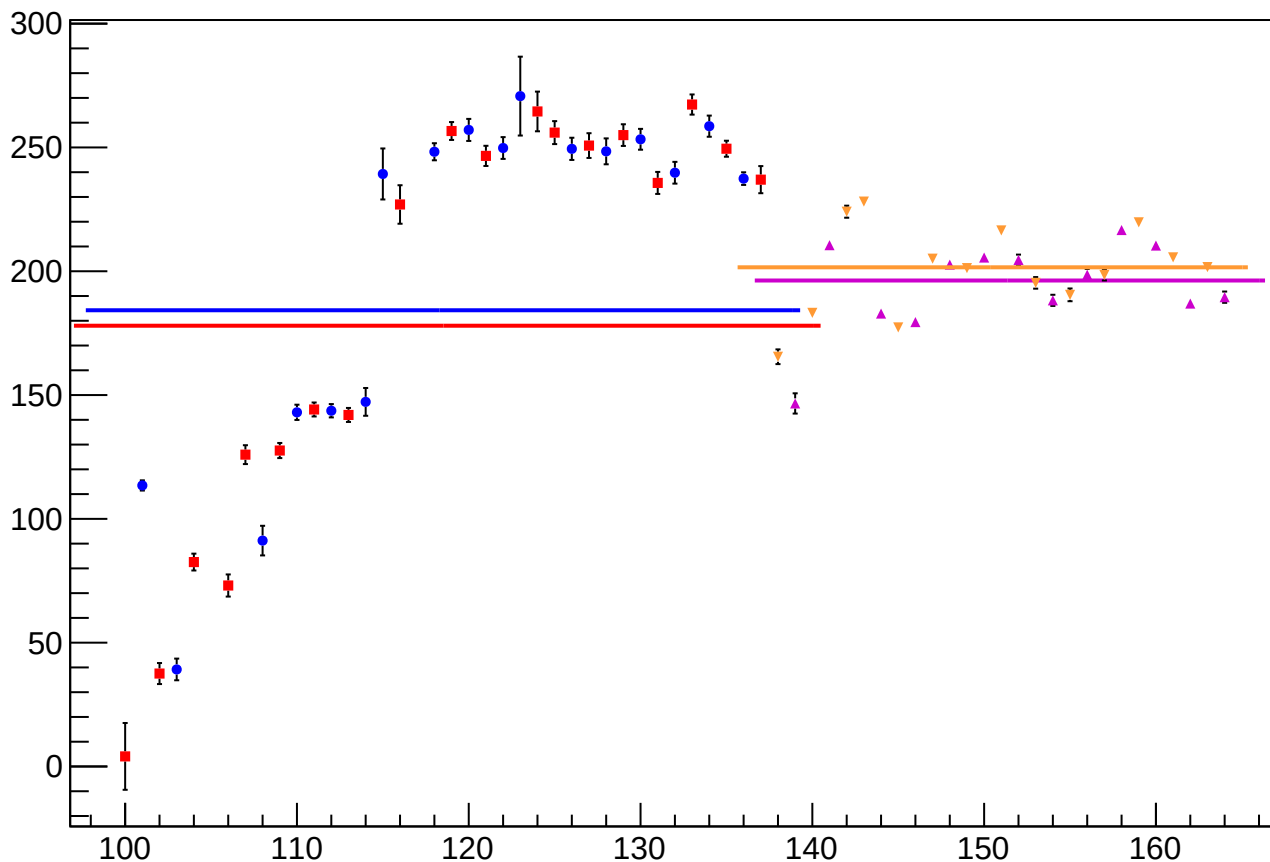
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -117.825 ± 0.570 χ^2/NDF : 3651.8/29

Out: -117.543 ± 0.571 χ^2/NDF : 3167.9/32

All: -117.684 ± 0.403 χ^2/NDF : 6819.8/62

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: 201.593 $\pm$ 0.521 χ^2 /NDF: 941.6/13

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 196.263 $\pm$ 0.524 χ^2 /NDF: 707.5/12

Left: 198.940 $\pm$ 0.370 χ^2 /NDF: 1701.1/26

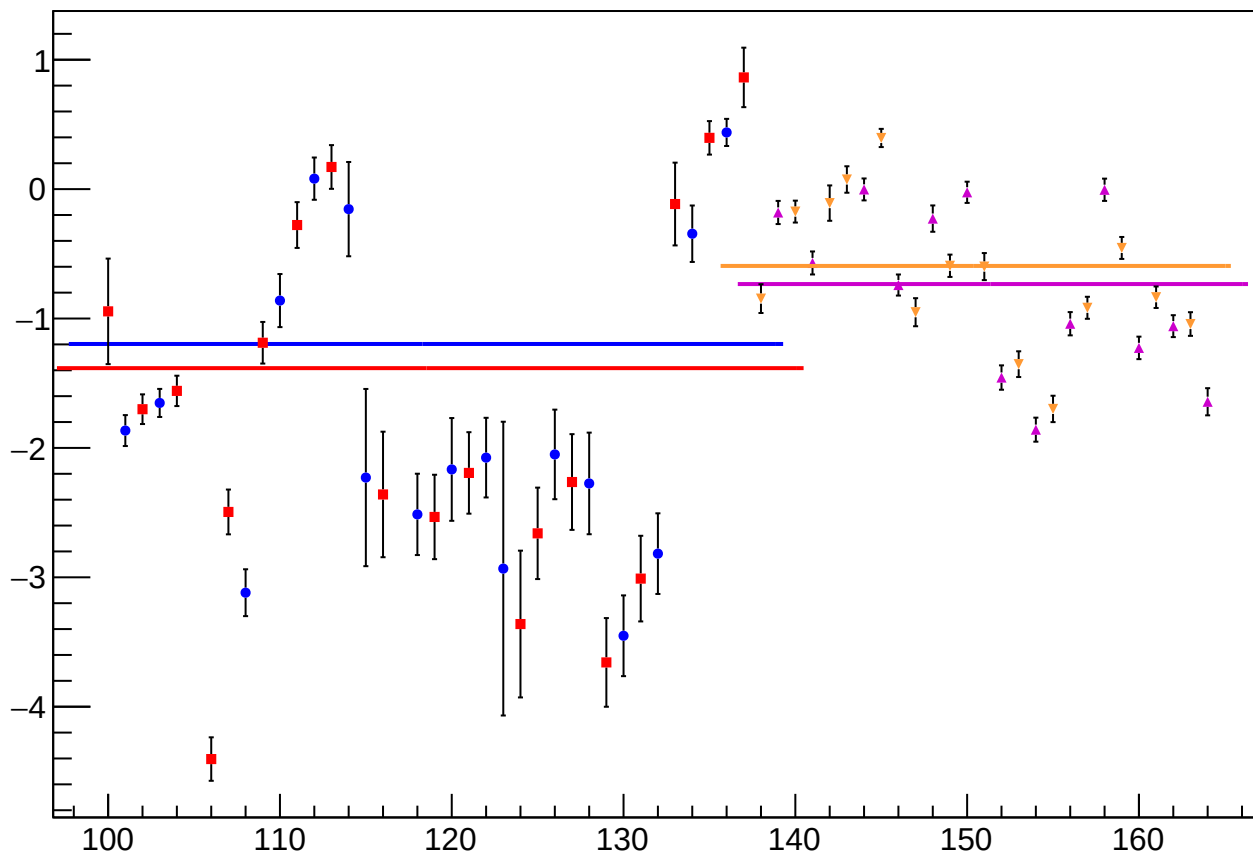
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 193.297 $\pm$ 0.455 χ^2 /NDF: 6225.9/29

Out: 195.891 $\pm$ 0.454 χ^2 /NDF: 7774.3/32

All: 194.596 $\pm$ 0.321 χ^2 /NDF: 14016.5/62

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.594 ± 0.025 χ^2/NDF : 519.1/13

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.734 ± 0.025 χ^2/NDF : 626.7/12

Left: -0.664 ± 0.018 χ^2/NDF : 1161.8/26

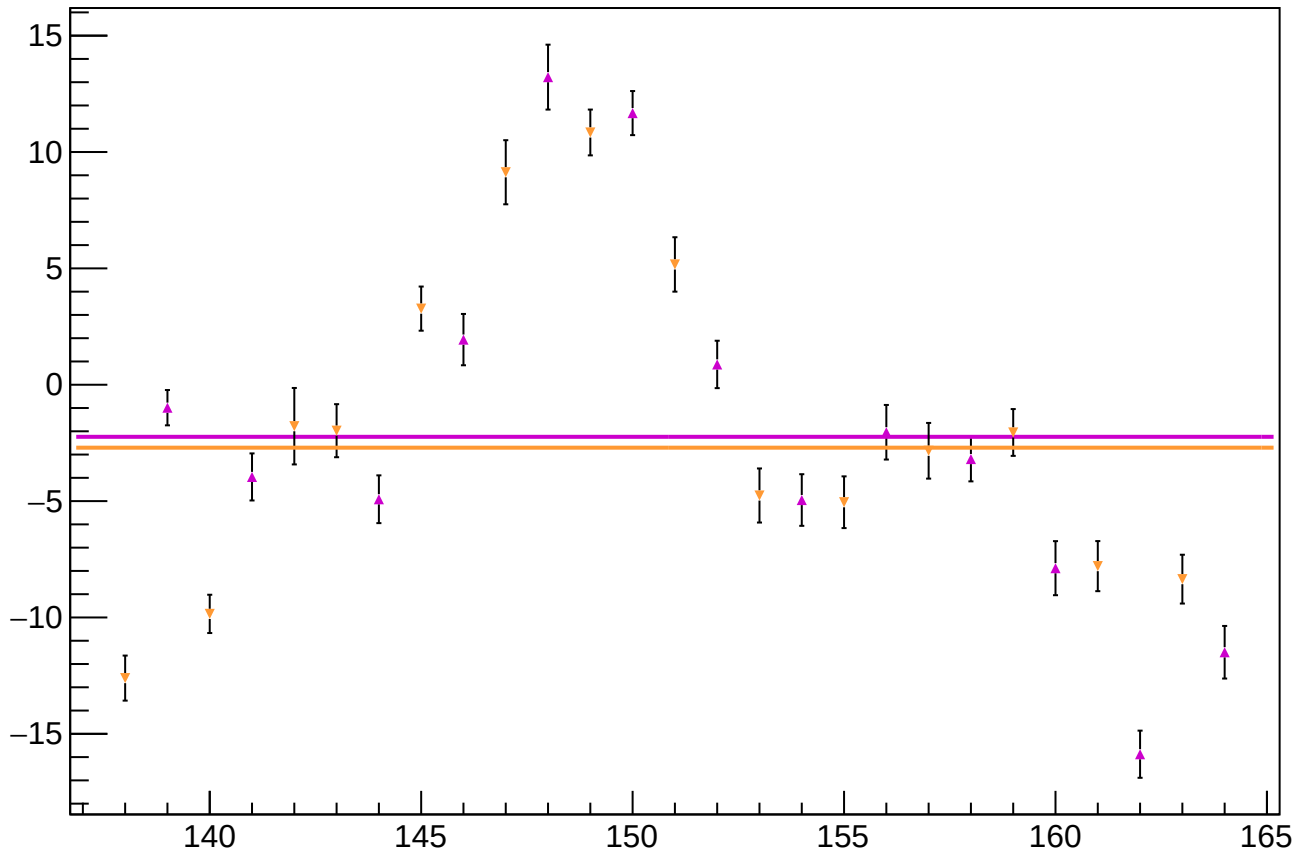
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.830 ± 0.022 χ^2/NDF : 1321.4/29

Out: -0.773 ± 0.022 χ^2/NDF : 1672.6/32

All: -0.802 ± 0.015 χ^2/NDF : 2997.4/62

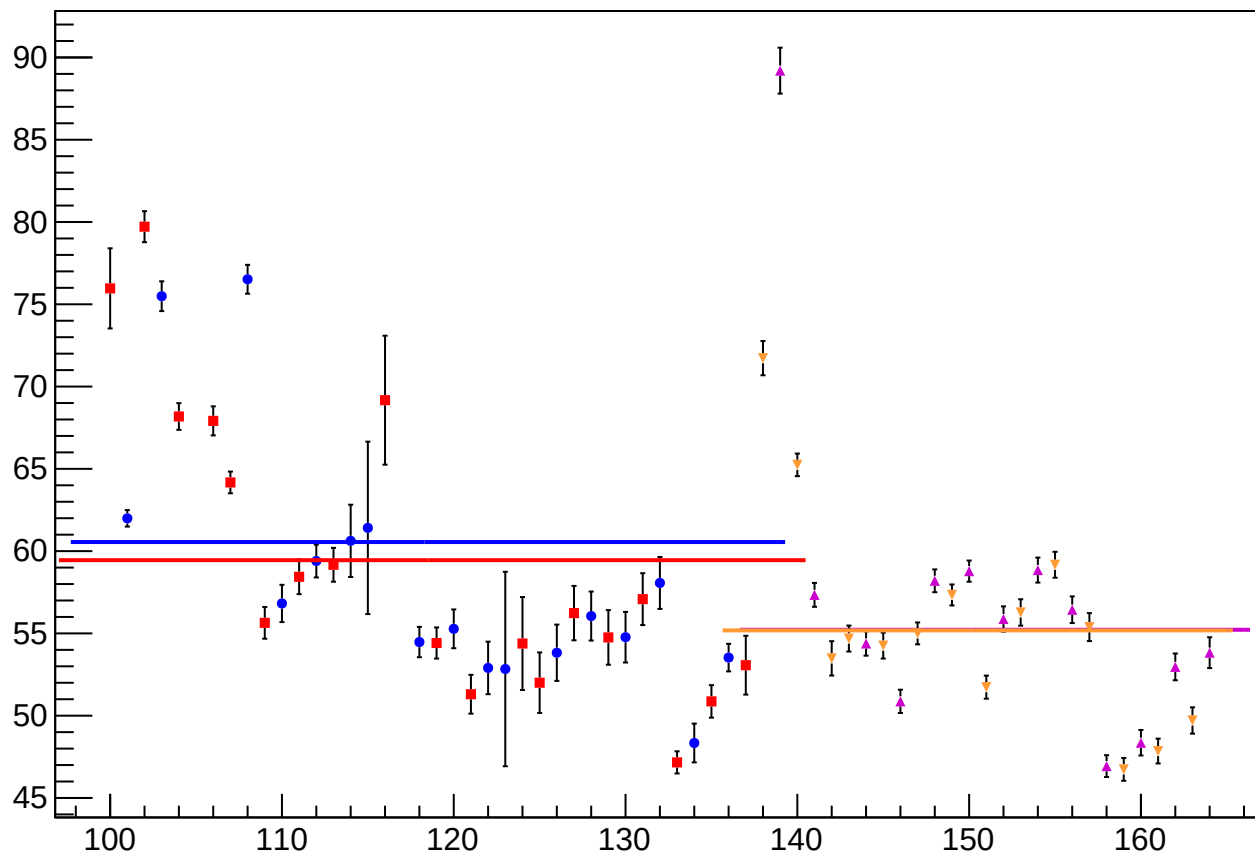
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.704+/-0.287 χ^2/NDF : 588.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.237+/-0.286 χ^2/NDF : 653.5/12

Left: -2.470+/-0.203 χ^2/NDF : 1243.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.237+/-0.286 χ^2/NDF : 653.5/12
 Out: -2.704+/-0.287 χ^2/NDF : 588.4/13
 All: -2.470+/-0.203 χ^2/NDF : 1243.2/26

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: 55.183 ± 0.205 $\chi^2/\text{NDF}: 824.8/13$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 55.221 ± 0.212 $\chi^2/\text{NDF}: 959.2/12$

Left: 55.201 ± 0.147 $\chi^2/\text{NDF}: 1784.0/26$

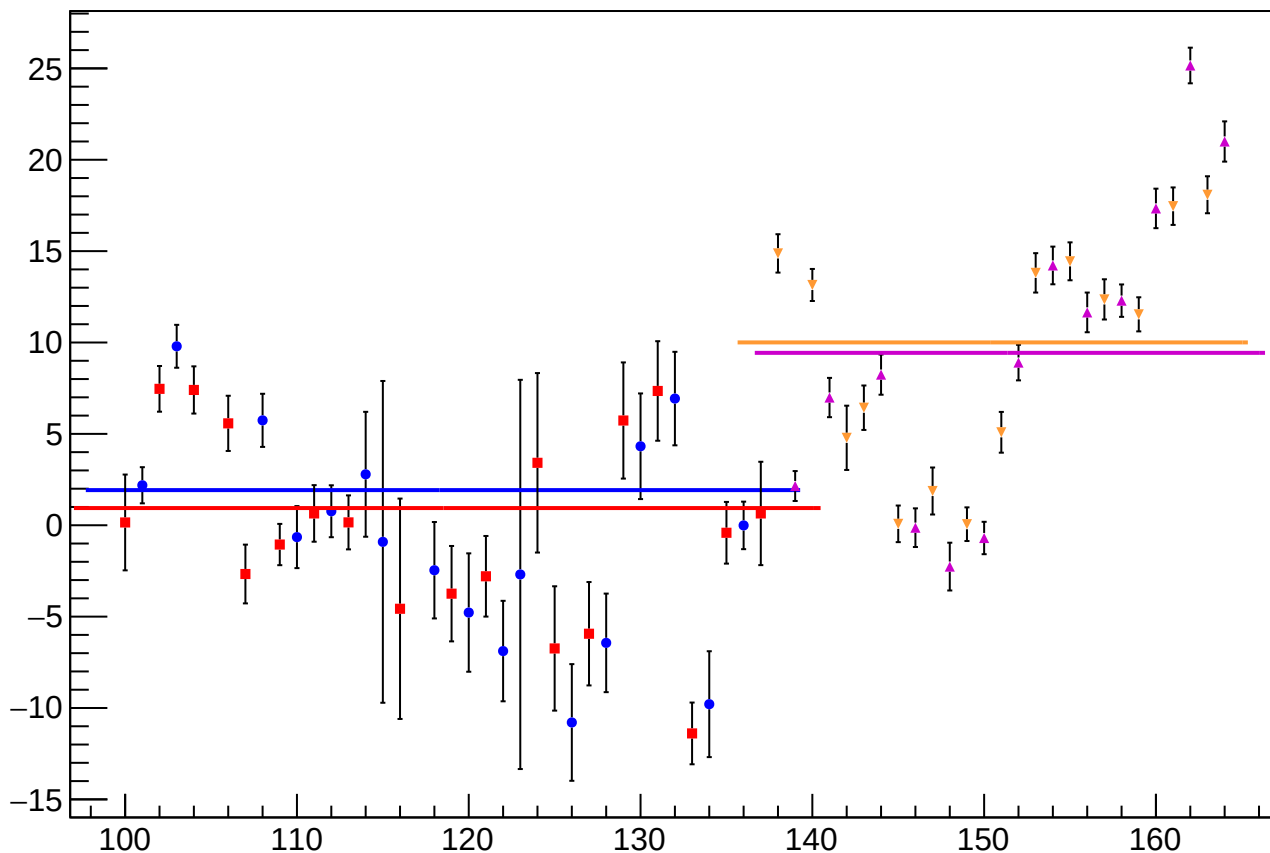
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 57.332 ± 0.165 $\chi^2/\text{NDF}: 2140.7/29$

Out: 56.914 ± 0.158 $\chi^2/\text{NDF}: 2322.4/32$

All: 57.114 ± 0.114 $\chi^2/\text{NDF}: 4466.5/62$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 10.005 ± 0.283 $\chi^2/\text{NDF}: 480.9/13$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.434 ± 0.280 $\chi^2/\text{NDF}: 838.0/12$

Left: 9.716 ± 0.199 $\chi^2/\text{NDF}: 1320.9/26$

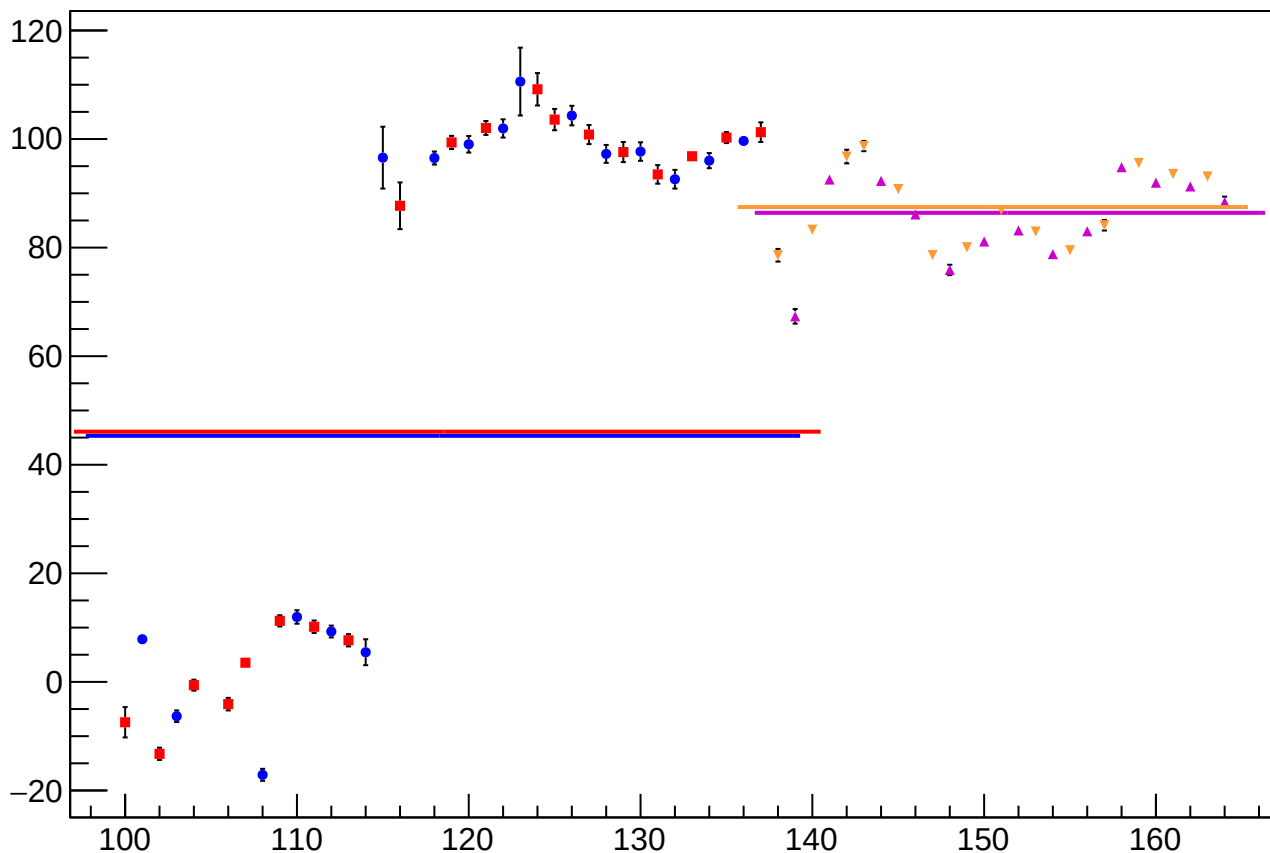
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.395 ± 0.239 $\chi^2/\text{NDF}: 1154.8/29$

Out: 7.211 ± 0.235 $\chi^2/\text{NDF}: 947.2/32$

All: 7.302 ± 0.168 $\chi^2/\text{NDF}: 2102.3/62$

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: 87.468 $\pm$ 0.238 χ^2 /NDF:821.8/13

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.404 $\pm$ 0.243 χ^2 /NDF:794.4/12

Left: 86.947 $\pm$ 0.170 χ^2 /NDF: 1626.0/26

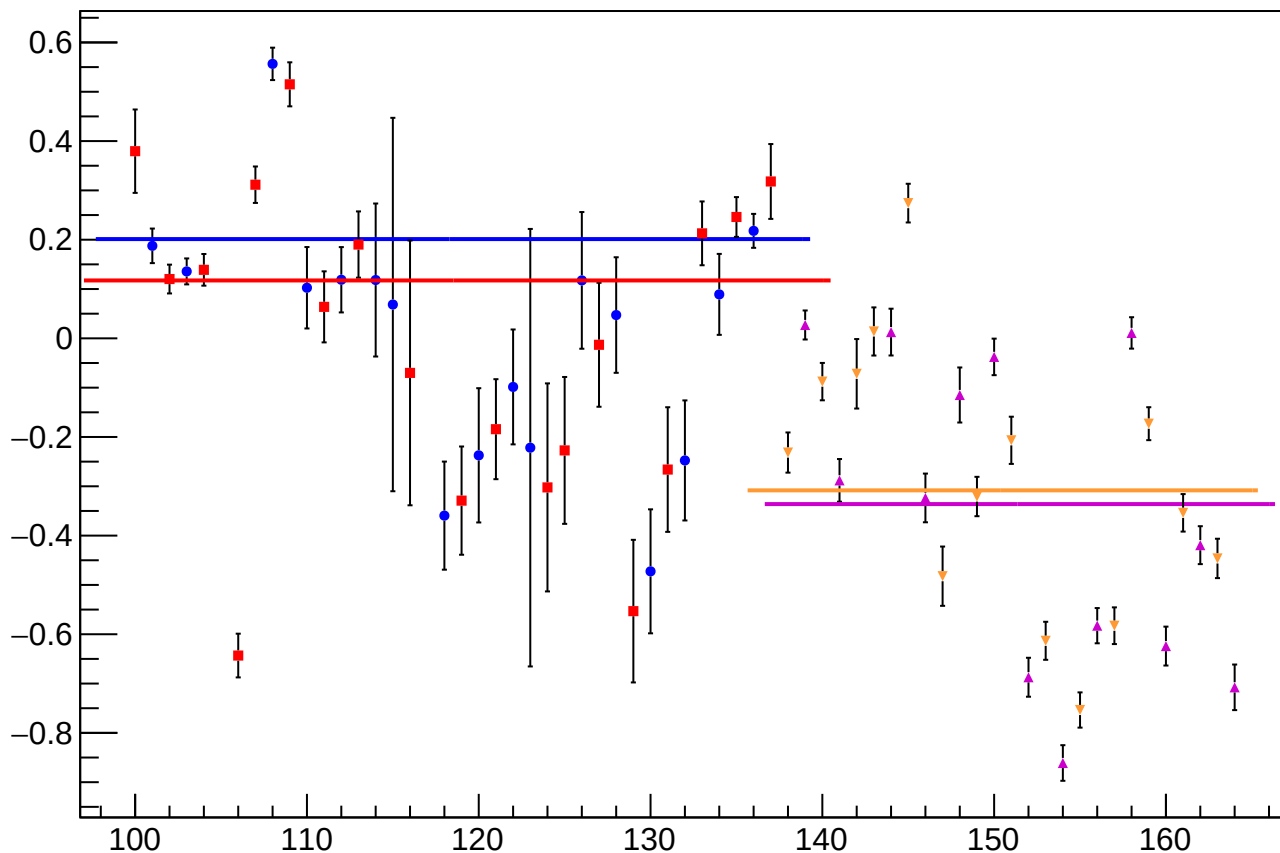
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 70.378 $\pm$ 0.190 χ^2 /NDF:36962.8/29

Out: 70.780 $\pm$ 0.184 χ^2 /NDF:41301.1/32

All: 70.585 $\pm$ 0.132 χ^2 /NDF: 78266.2/62

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.308 ± 0.011 χ^2/NDF : 627.6/13

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.336 ± 0.011 χ^2/NDF : 867.8/12

Left: -0.322 ± 0.008 χ^2/NDF : 1498.7/26

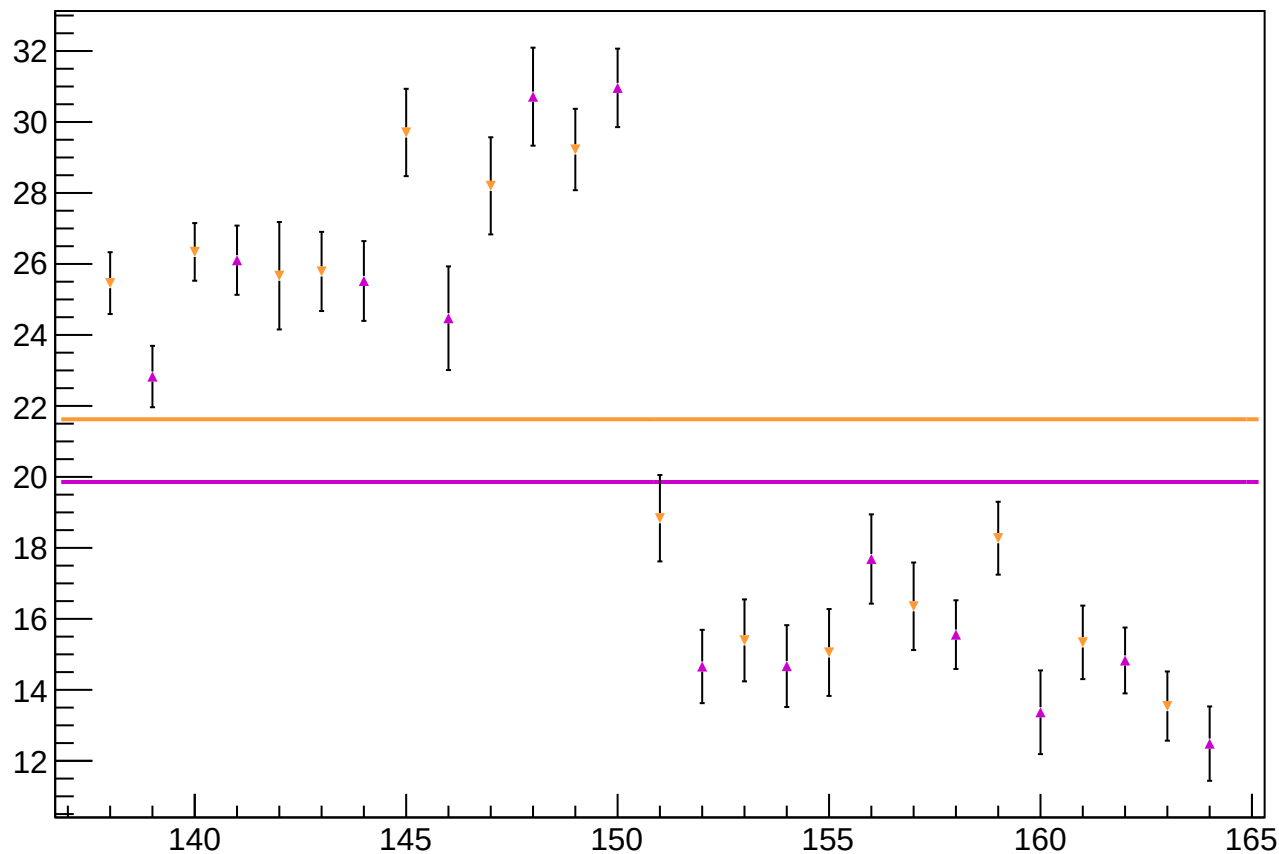
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.136 ± 0.009 χ^2/NDF : 2004.6/29

Out: -0.131 ± 0.008 χ^2/NDF : 1752.2/32

All: -0.134 ± 0.006 χ^2/NDF : 3757.0/62

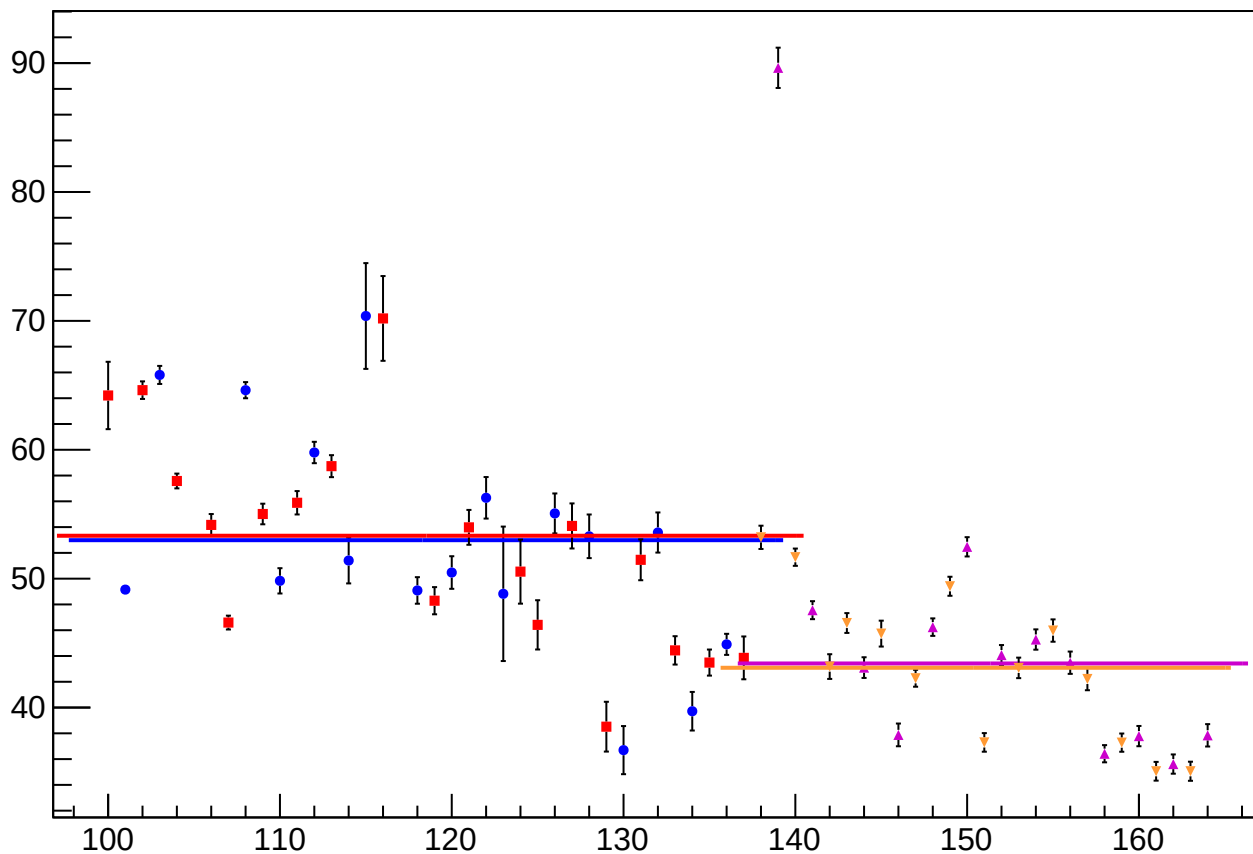
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.624+/-0.292 χ^2/NDF :382.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.856+/-0.299 χ^2/NDF :428.4/12

Left: 20.761+/-0.209 χ^2/NDF : 828.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.856+/-0.299 χ^2/NDF :428.4/12
 Out: 21.624+/-0.292 χ^2/NDF :382.0/13
 All: 20.761+/-0.209 χ^2/NDF : 828.4/26

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: 43.086 $\pm$ 0.207 χ^2 /NDF: 774.9/13

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 43.420 $\pm$ 0.219 χ^2 /NDF: 1430.4/12

Left: 43.244 $\pm$ 0.151 χ^2 /NDF: 2206.5/26

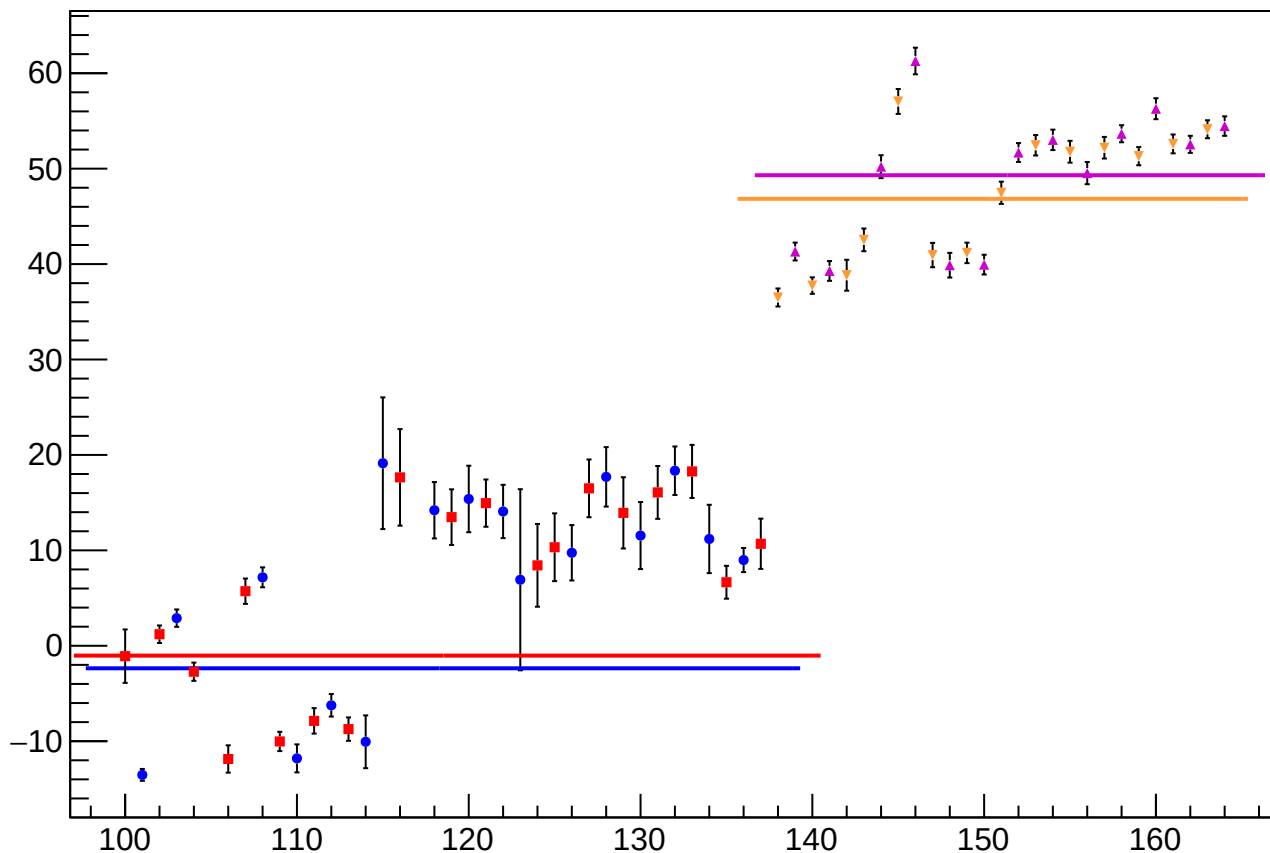
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 48.397 $\pm$ 0.152 χ^2 /NDF: 3620.6/29

Out: 47.759 $\pm$ 0.153 χ^2 /NDF: 2761.1/32

All: 48.080 $\pm$ 0.108 χ^2 /NDF: 6390.4/62

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 46.837 ± 0.288 χ^2/NDF : 562.7/13

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 49.310 ± 0.292 χ^2/NDF : 496.2/12

Left: 48.059 ± 0.205 χ^2/NDF : 1095.2/26

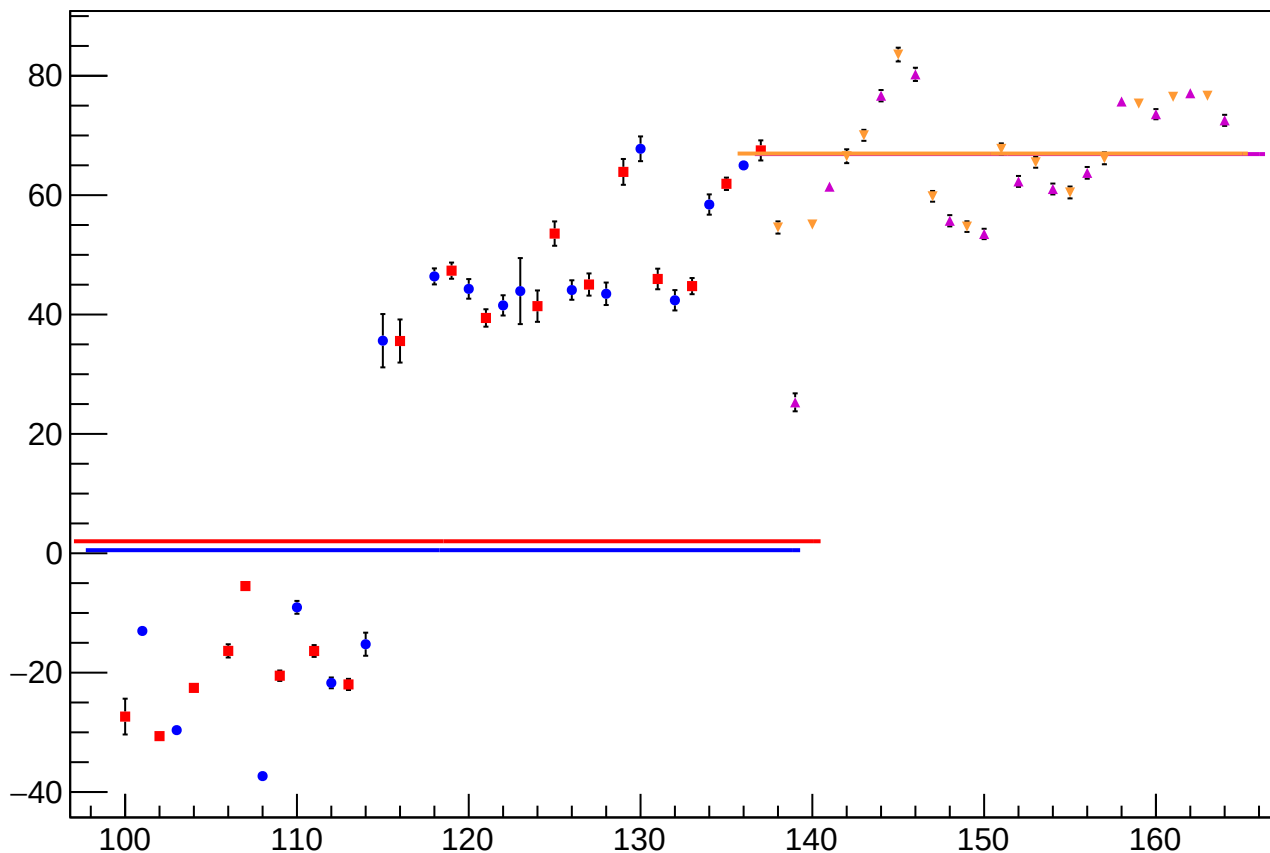
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 29.097 ± 0.228 χ^2/NDF : 13592.6/29

Out: 29.153 ± 0.229 χ^2/NDF : 11246.3/32

All: 29.125 ± 0.161 χ^2/NDF : 24838.9/62

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 66.970+/-0.241 χ^2/NDF :1311.2/13

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 66.880+/-0.251 χ^2/NDF :1939.9/12

Left: 66.927+/-0.174 χ^2/NDF : 3251.1/26

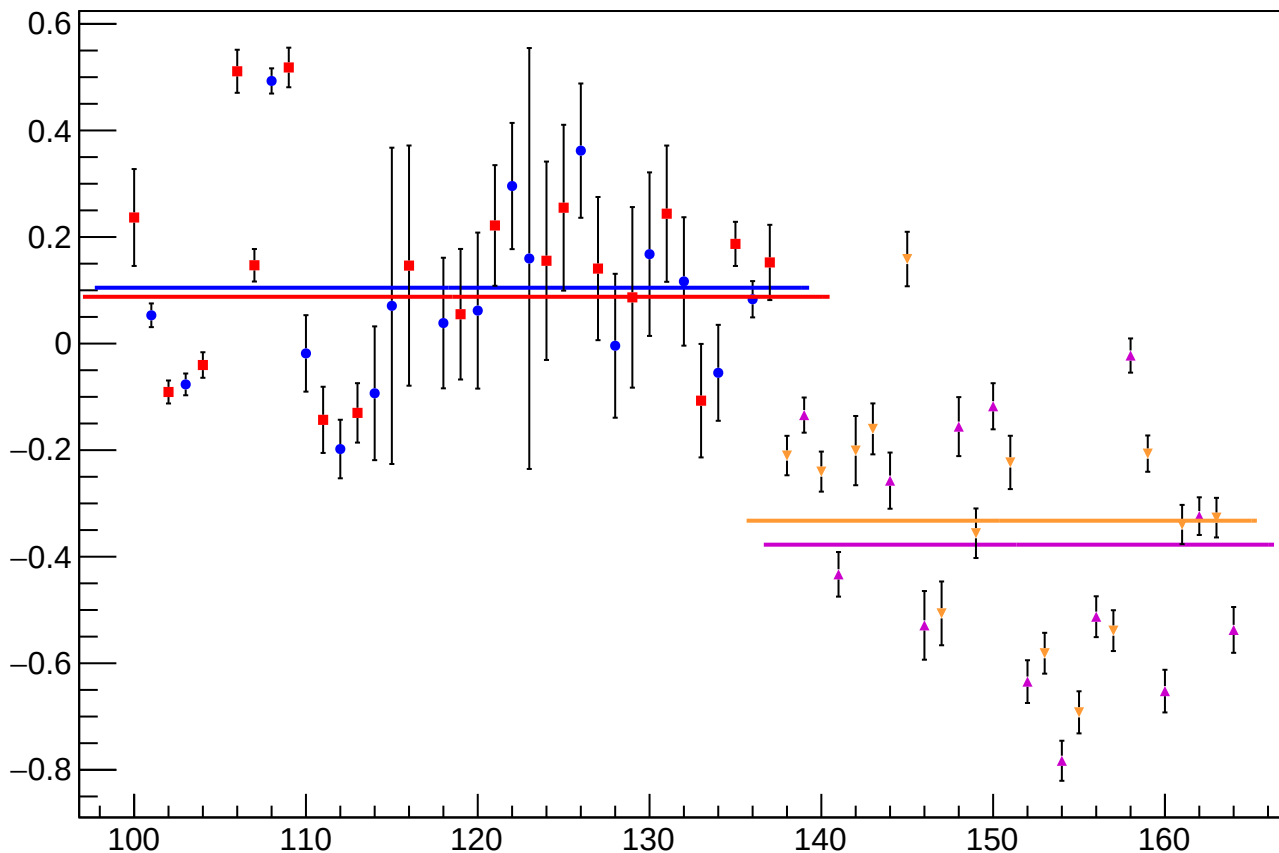
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 33.177+/-0.176 χ^2/NDF :55871.3/29

Out: 37.687+/-0.179 χ^2/NDF :49450.2/32

All: 35.396+/-0.125 χ^2/NDF : 105644.7/62

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.332 ± 0.011 $\chi^2/\text{NDF}: 307.5/13$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.377 ± 0.011 $\chi^2/\text{NDF}: 474.3/12$

Left: -0.355 ± 0.008 $\chi^2/\text{NDF}: 789.8/26$

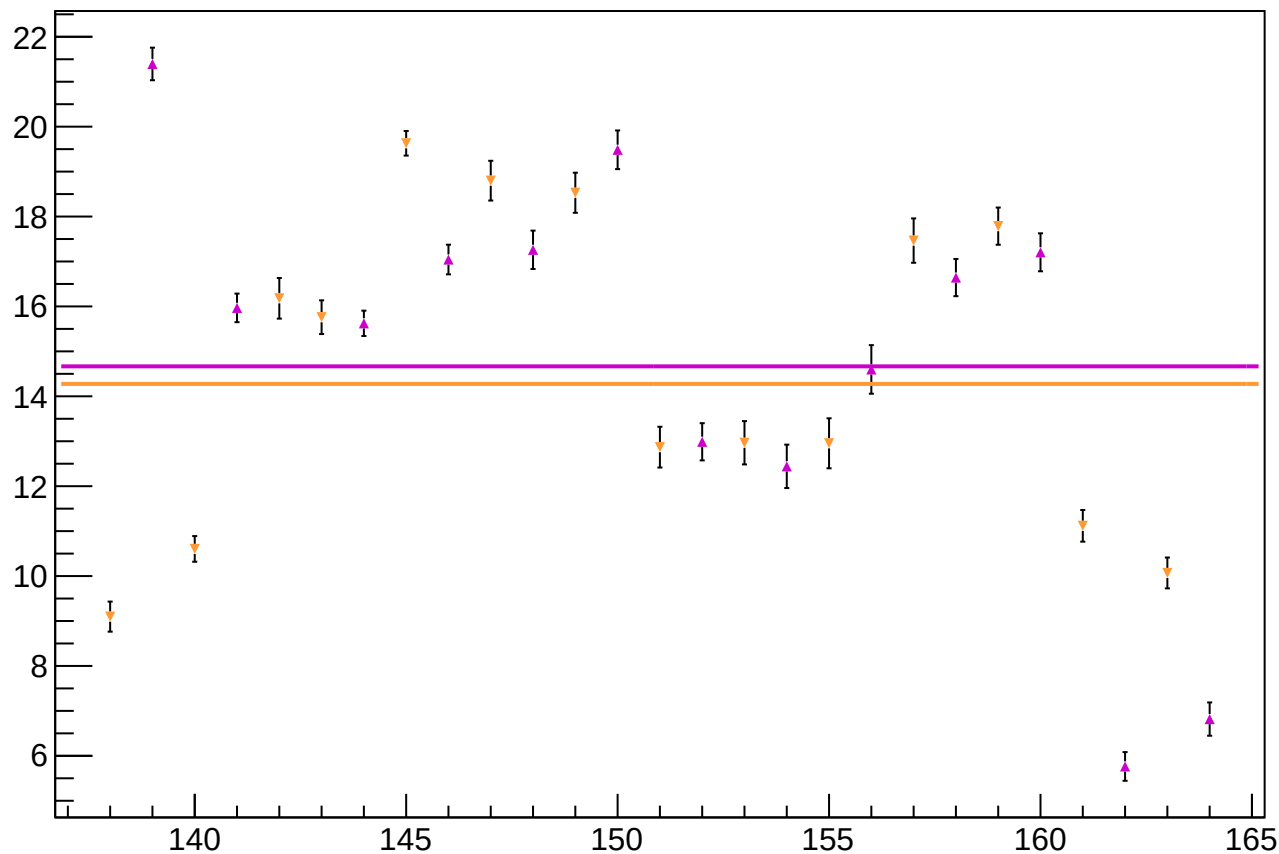
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.132 ± 0.008 $\chi^2/\text{NDF}: 1811.2/29$

Out: -0.118 ± 0.008 $\chi^2/\text{NDF}: 1414.5/32$

All: -0.125 ± 0.006 $\chi^2/\text{NDF}: 3227.1/62$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.275+/-0.102 χ^2/NDF :1382.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.666+/-0.104 χ^2/NDF :1910.9/12

Left: 14.468+/-0.073 χ^2/NDF : 3300.6/26

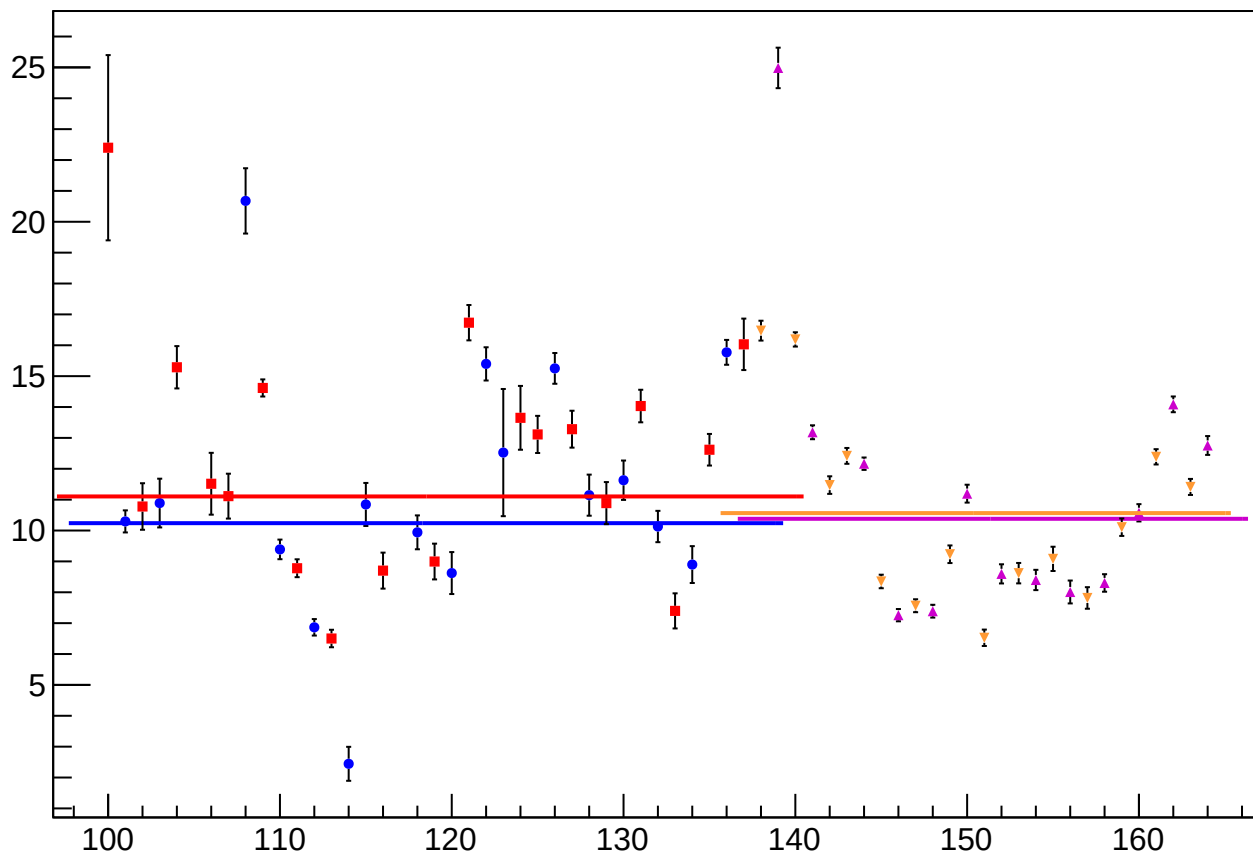
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.666+/-0.104 χ^2/NDF :1910.9/12

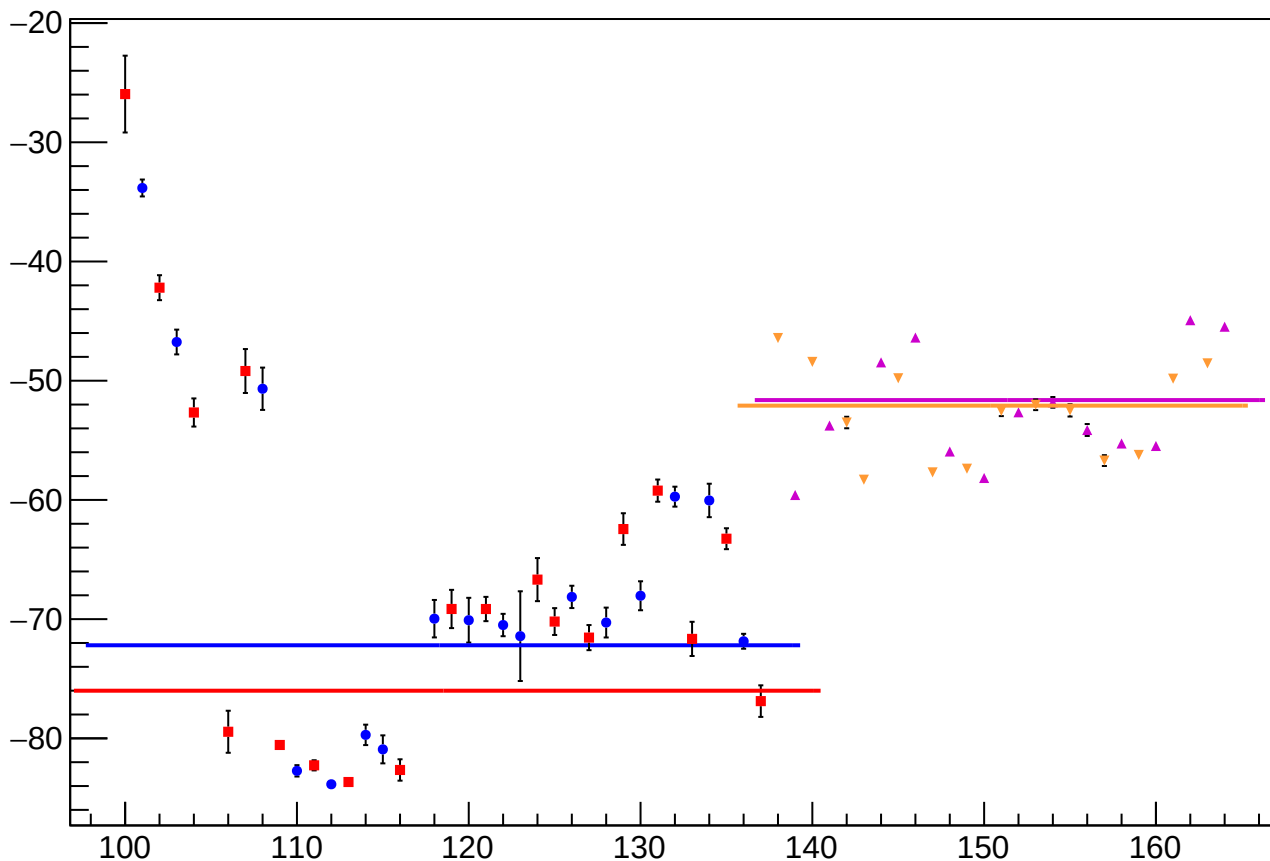
Out: 14.275+/-0.102 χ^2/NDF :1382.5/13

All: 14.468+/-0.073 χ^2/NDF : 3300.6/26

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -52.091 ± 0.102 $\chi^2/\text{NDF}: 1426.7/13$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -51.624 ± 0.102 $\chi^2/\text{NDF}: 2202.1/12$

Left: -51.858 ± 0.072 $\chi^2/\text{NDF}: 3639.2/26$

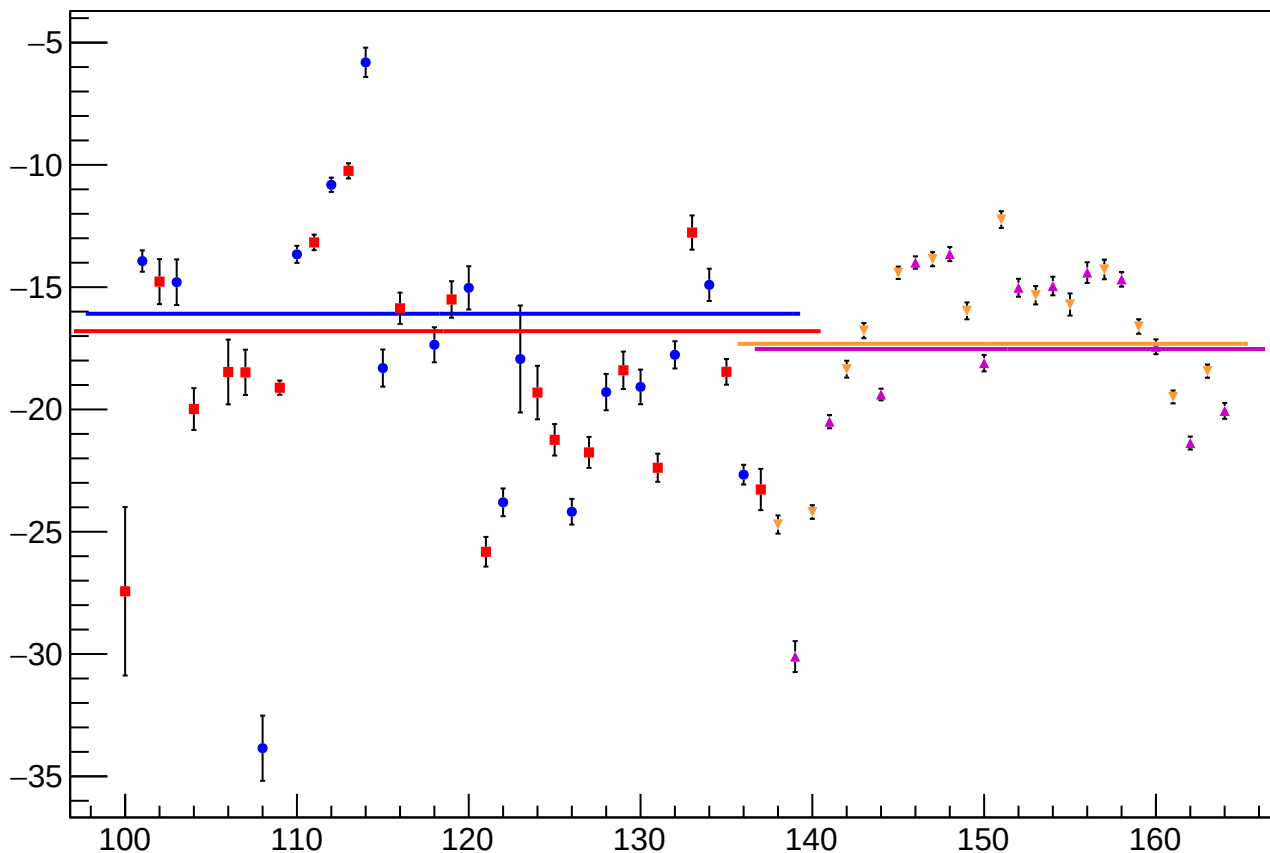
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -55.953 ± 0.091 $\chi^2/\text{NDF}: 16272.9/29$

Out: -57.871 ± 0.089 $\chi^2/\text{NDF}: 18134.1/32$

All: -56.933 ± 0.064 $\chi^2/\text{NDF}: 34634.4/62$

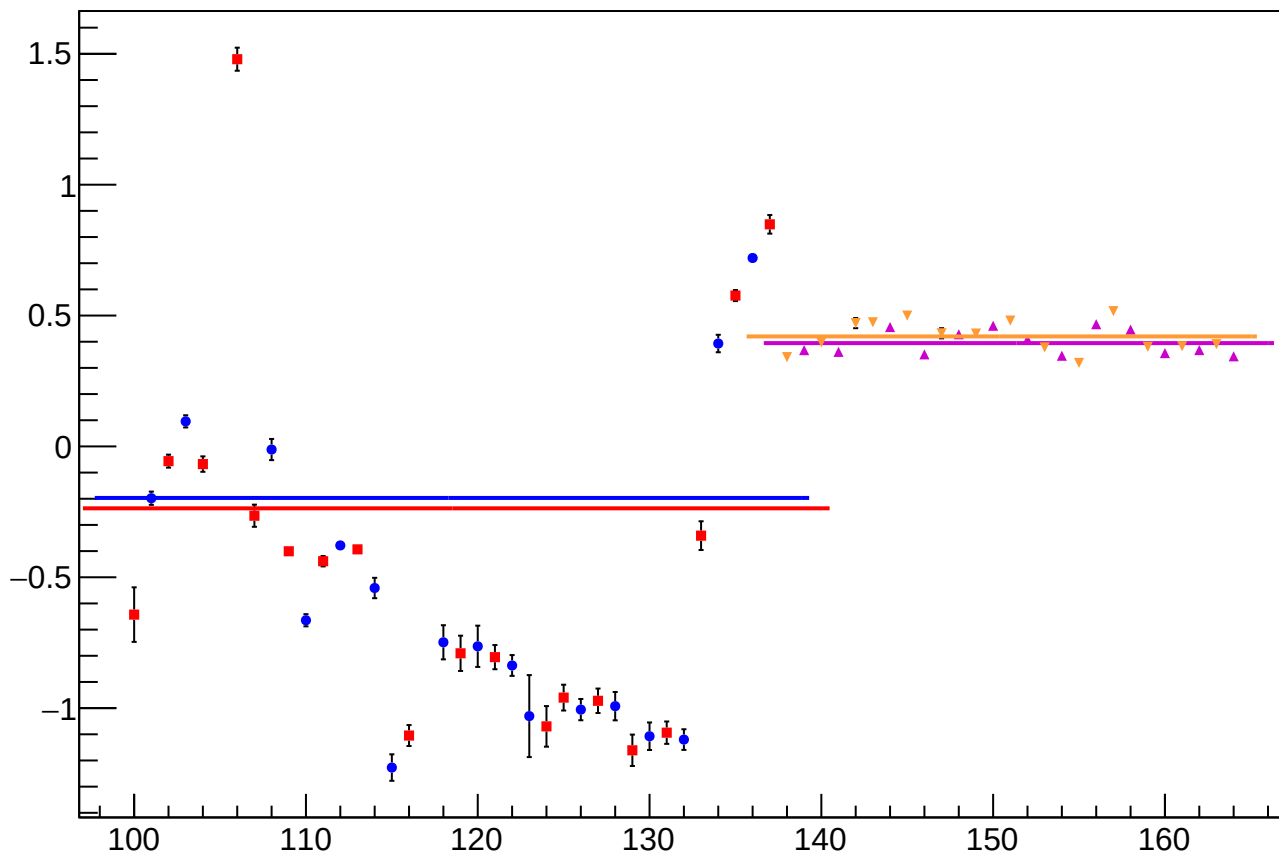
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16
 Left Out: -17.317 ± 0.084 χ^2/NDF : 1705.0/13
 Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18
 Left In: -17.528 ± 0.086 χ^2/NDF : 1460.9/12

Left: -17.421 ± 0.060 χ^2/NDF : 3169.0/26
 Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35
 In: -17.101 ± 0.072 χ^2/NDF : 3166.0/29
 Out: -17.160 ± 0.070 χ^2/NDF : 2930.4/32
 All: -17.131 ± 0.050 χ^2/NDF : 6096.8/62

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.420 ± 0.004 χ^2/NDF : 210.8/13

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.395 ± 0.004 χ^2/NDF : 126.1/12

Left: 0.408 ± 0.003 χ^2/NDF : 356.8/26

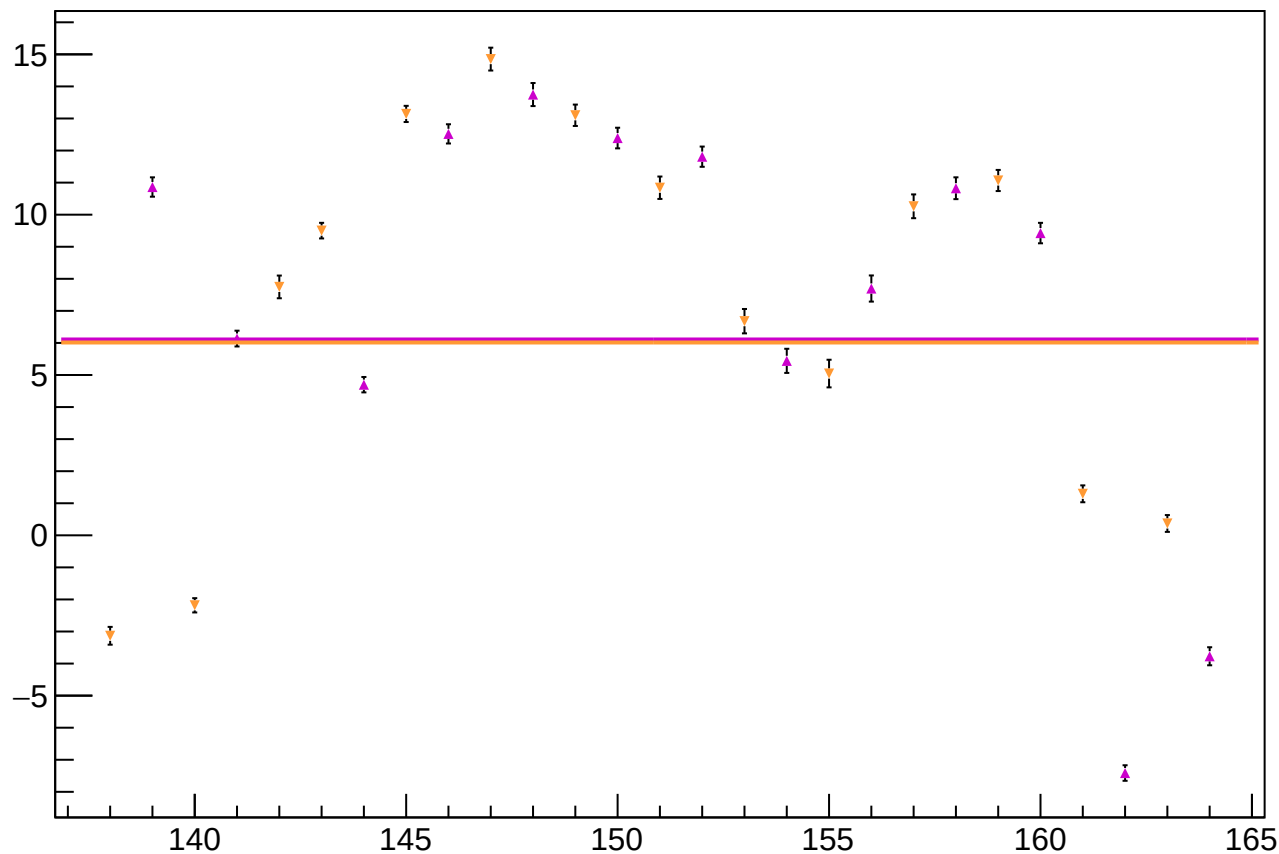
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.262 ± 0.004 χ^2/NDF : 11223.2/29

Out: 0.263 ± 0.004 χ^2/NDF : 12811.1/32

All: 0.263 ± 0.003 χ^2/NDF : 24034.3/62

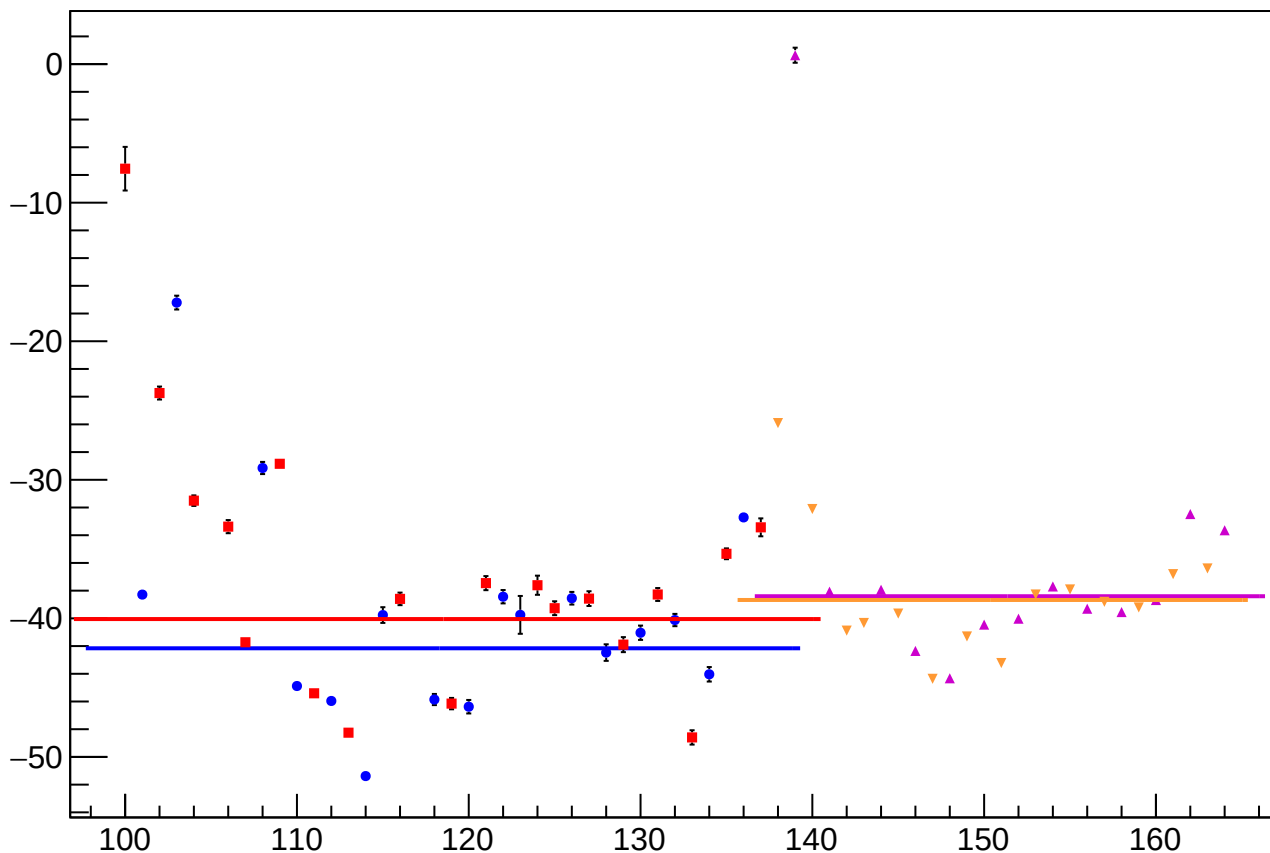
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.014+/-0.080 χ^2/NDF :5884.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.108+/-0.083 χ^2/NDF :6562.4/12

Left: 6.059+/-0.058 χ^2/NDF : 12447.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.108+/-0.083 χ^2/NDF :6562.4/12
 Out: 6.014+/-0.080 χ^2/NDF :5884.0/13
 All: 6.059+/-0.058 χ^2/NDF : 12447.0/26

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.673 ± 0.056 χ^2/NDF : 5793.1/13

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -38.403 ± 0.059 χ^2/NDF : 8271.4/12

Left: -38.546 ± 0.041 χ^2/NDF : 14075.4/26

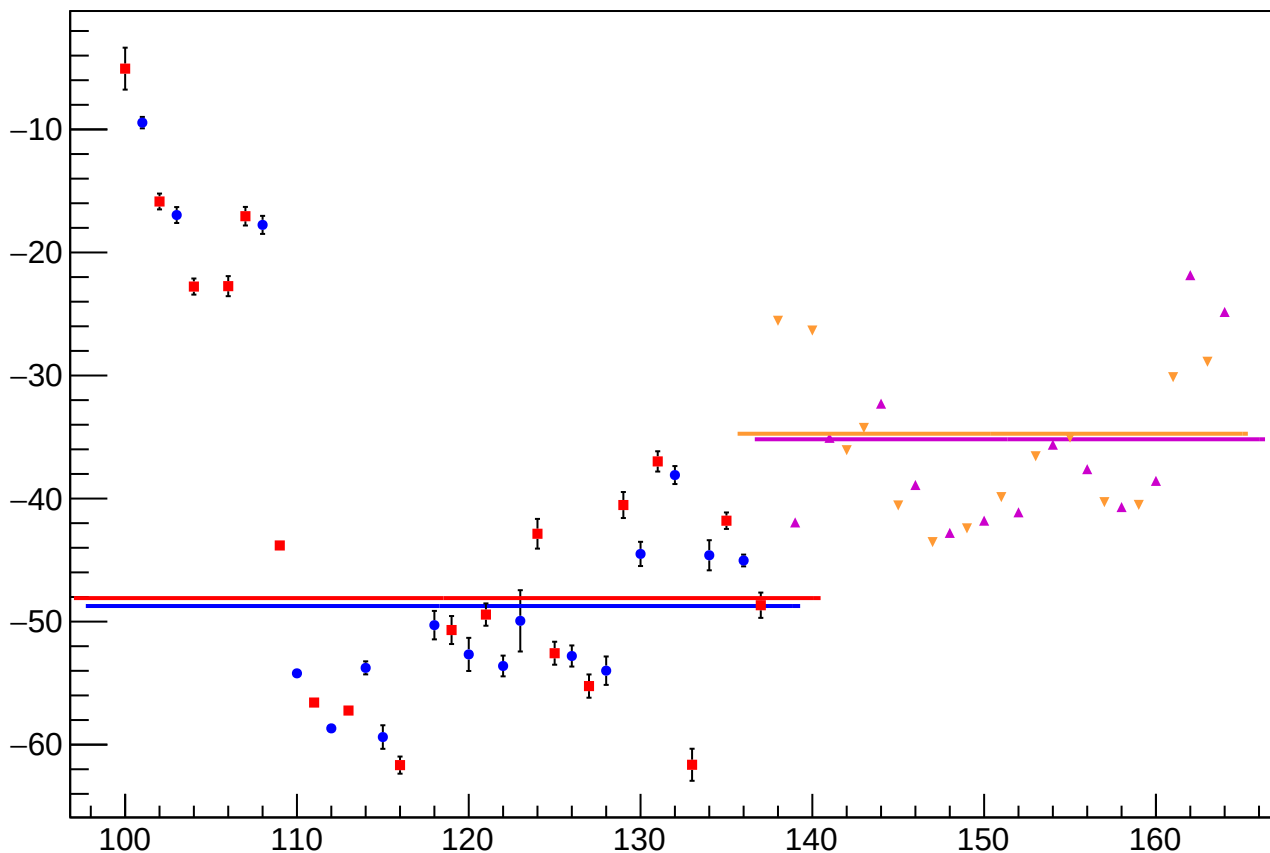
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -39.782 ± 0.047 χ^2/NDF : 16314.0/29

Out: -39.186 ± 0.044 χ^2/NDF : 17329.2/32

All: -39.466 ± 0.032 χ^2/NDF : 33727.6/62

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: -34.731 ± 0.080 $\chi^2/\text{NDF}: 5733.4/13$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -35.182 ± 0.082 $\chi^2/\text{NDF}: 7269.6/12$

Left: -34.951 ± 0.057 $\chi^2/\text{NDF}: 13018.7/26$

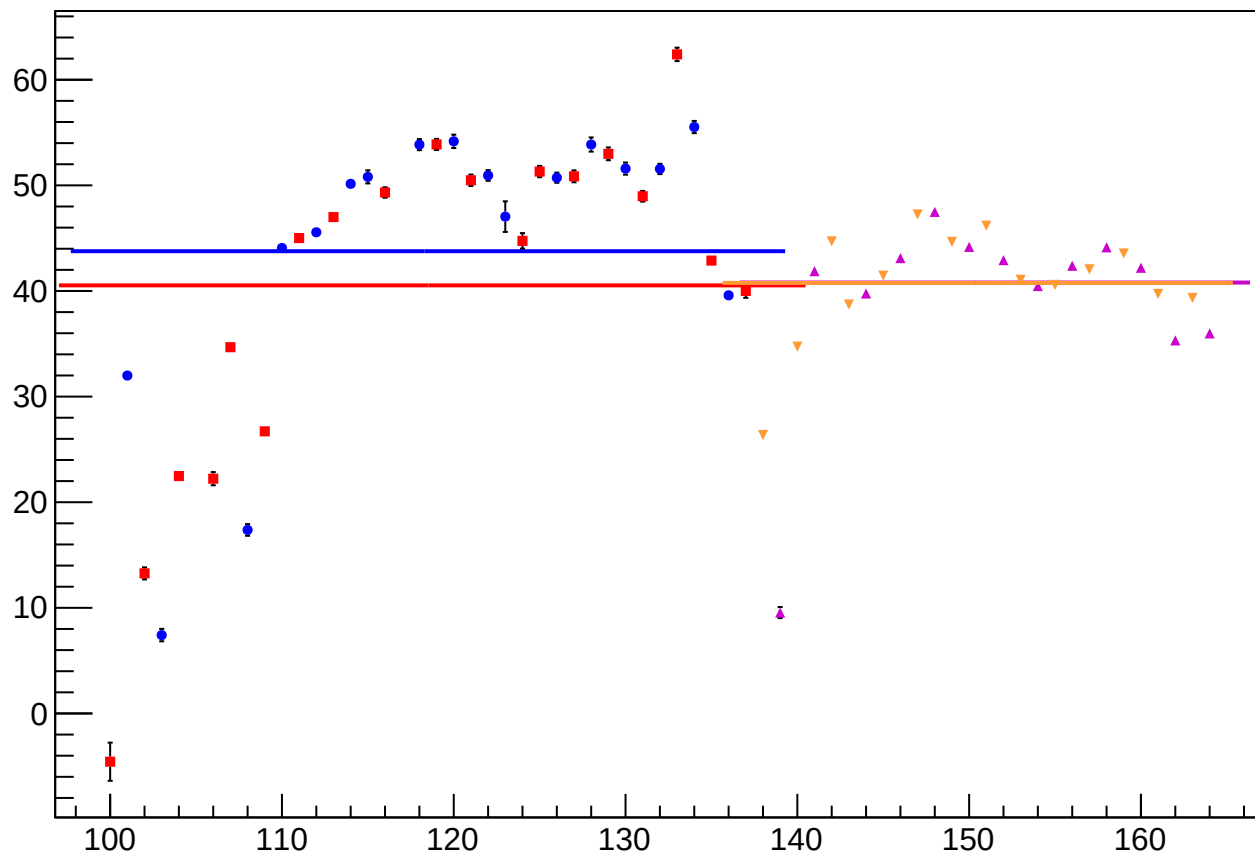
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -39.244 ± 0.068 $\chi^2/\text{NDF}: 30200.6/29$

Out: -39.481 ± 0.064 $\chi^2/\text{NDF}: 27467.2/32$

All: -39.370 ± 0.047 $\chi^2/\text{NDF}: 57674.2/62$

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: 40.767 $\pm$ 0.066 χ^2 /NDF: 4875.6/13

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 40.799 $\pm$ 0.069 χ^2 /NDF: 6045.6/12

Left: 40.782 $\pm$ 0.048 χ^2 /NDF: 10921.4/26

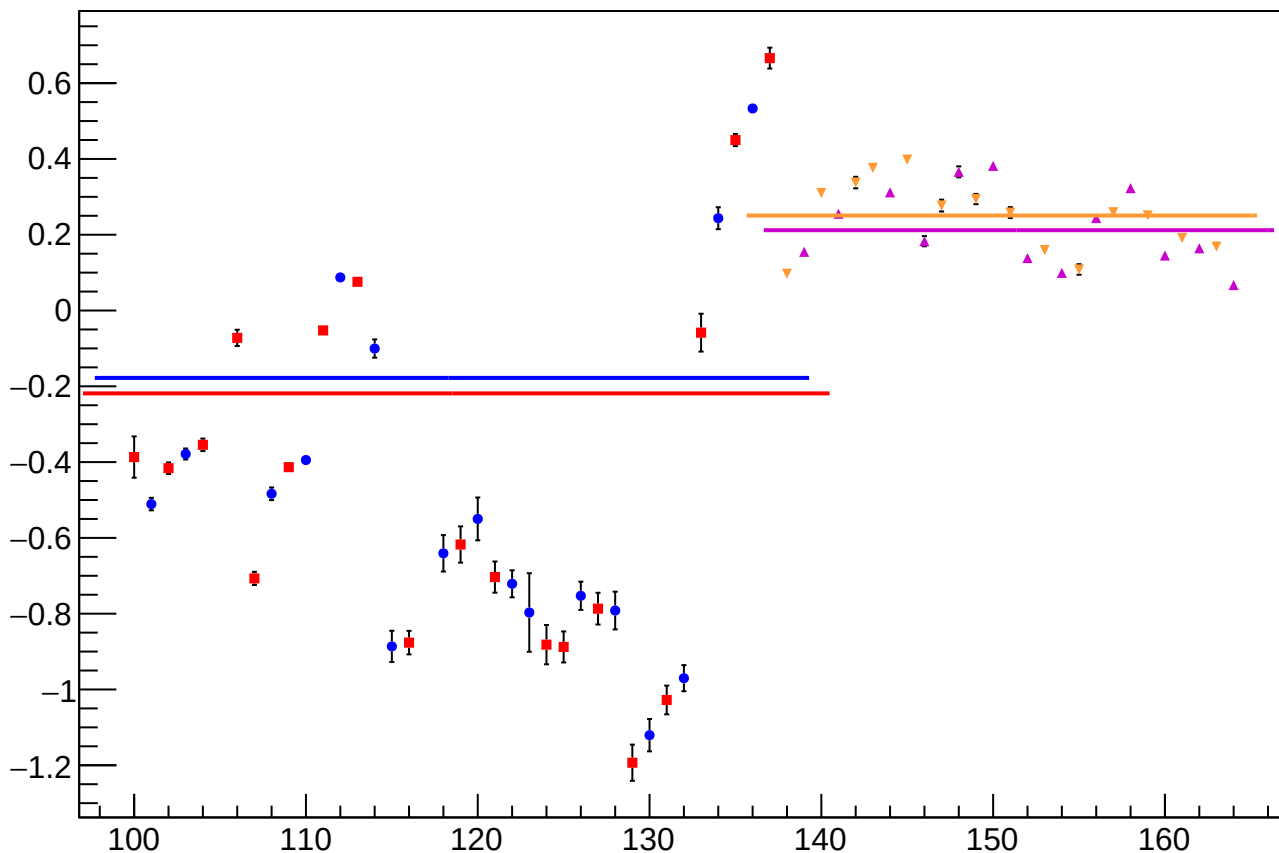
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 41.944 $\pm$ 0.054 χ^2 /NDF: 17396.9/29

Out: 40.672 $\pm$ 0.051 χ^2 /NDF: 22461.6/32

All: 41.271 $\pm$ 0.037 χ^2 /NDF: 40153.1/62

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.251 ± 0.003 χ^2/NDF : 849.8/13

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.212 ± 0.003 χ^2/NDF : 867.1/12

Left: 0.232 ± 0.002 χ^2/NDF : 1791.4/26

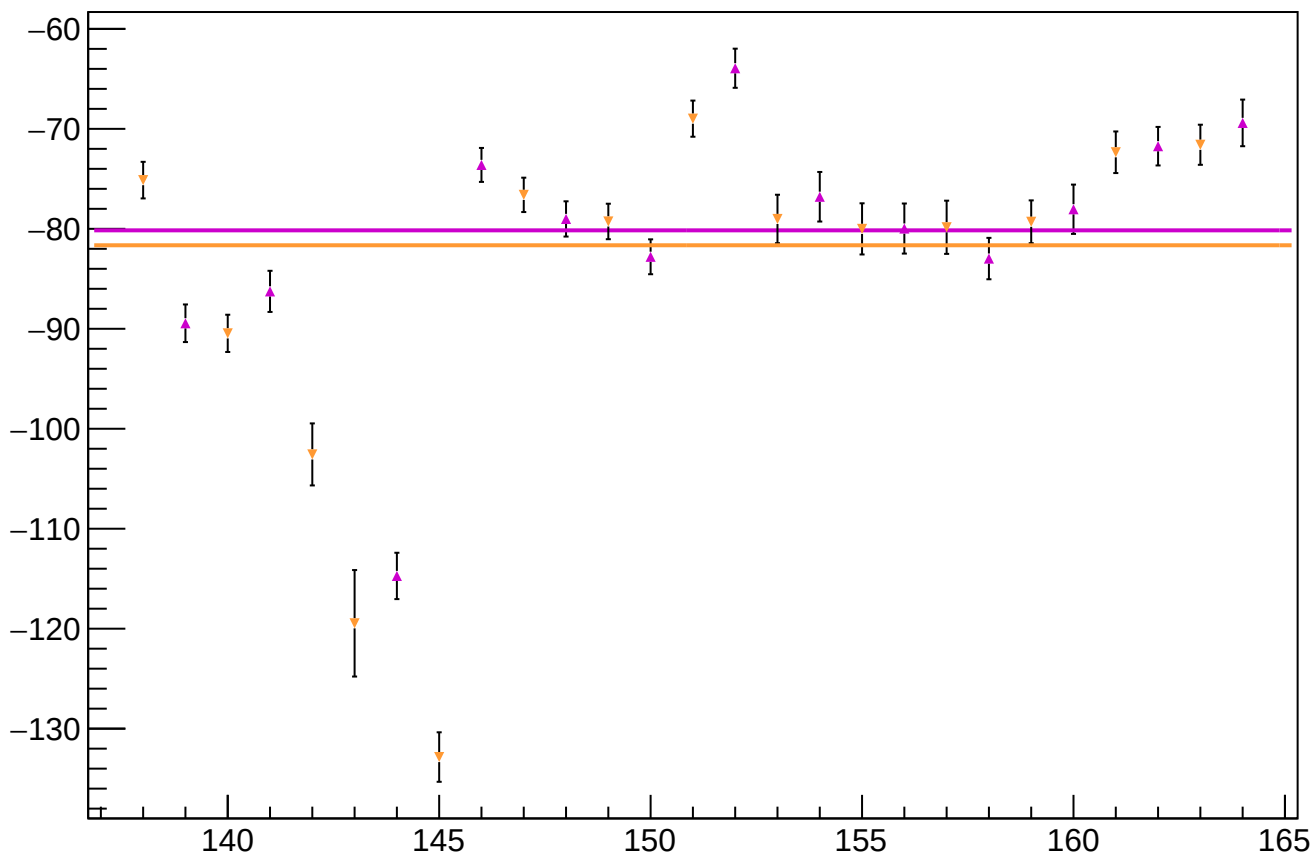
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.093 ± 0.003 χ^2/NDF : 12726.6/29

Out: 0.088 ± 0.003 χ^2/NDF : 16096.4/32

All: 0.090 ± 0.002 χ^2/NDF : 28824.7/62

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



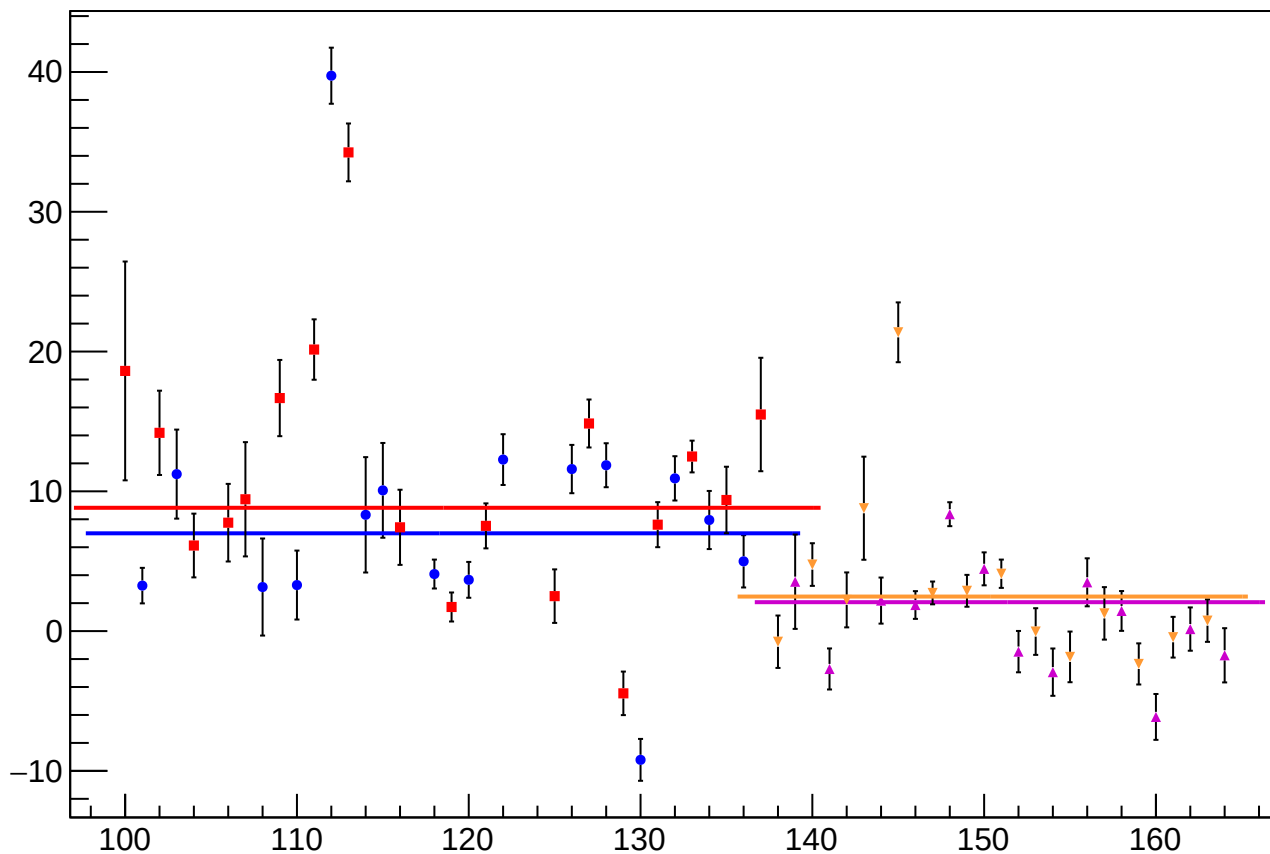
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -81.646 ± 0.576 $\chi^2/\text{NDF}: 666.4/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -80.153 ± 0.565 $\chi^2/\text{NDF}: 386.6/12$

Left: -80.885 ± 0.403 $\chi^2/\text{NDF}: 1056.4/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -80.153 ± 0.565 $\chi^2/\text{NDF}: 386.6/12$
 Out: -81.646 ± 0.576 $\chi^2/\text{NDF}: 666.4/13$

All: -80.885 ± 0.403 $\chi^2/\text{NDF}: 1056.4/26$

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.471 ± 0.383 $\chi^2/\text{NDF}: 113.4/13$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.069 ± 0.386 $\chi^2/\text{NDF}: 114.7/12$

Left: 2.272 ± 0.272 $\chi^2/\text{NDF}: 228.7/26$

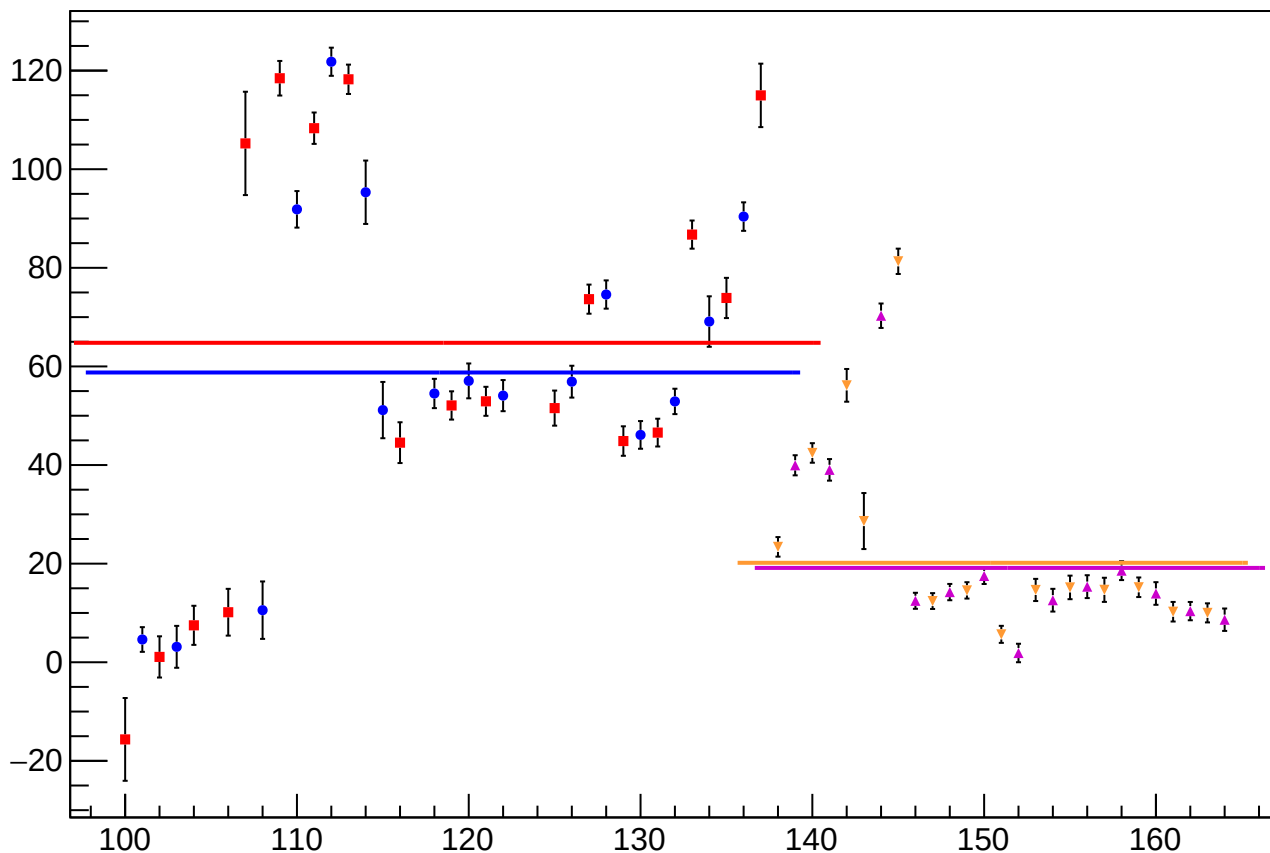
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.244 ± 0.288 $\chi^2/\text{NDF}: 632.0/28$

Out: 5.145 ± 0.291 $\chi^2/\text{NDF}: 579.8/31$

All: 4.690 ± 0.205 $\chi^2/\text{NDF}: 1216.6/60$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770+/-0.833 χ^2 /NDF: 1493.3/15

Left Out: 20.173+/-0.561 χ^2 /NDF:994.5/13

Right Out: 64.792+/-0.840 χ^2 /NDF: 1718.1/17

Left In: 19.134+/-0.547 χ^2 /NDF:783.8/12

Left: 19.641+/-0.392 χ^2 /NDF: 1780.0/26

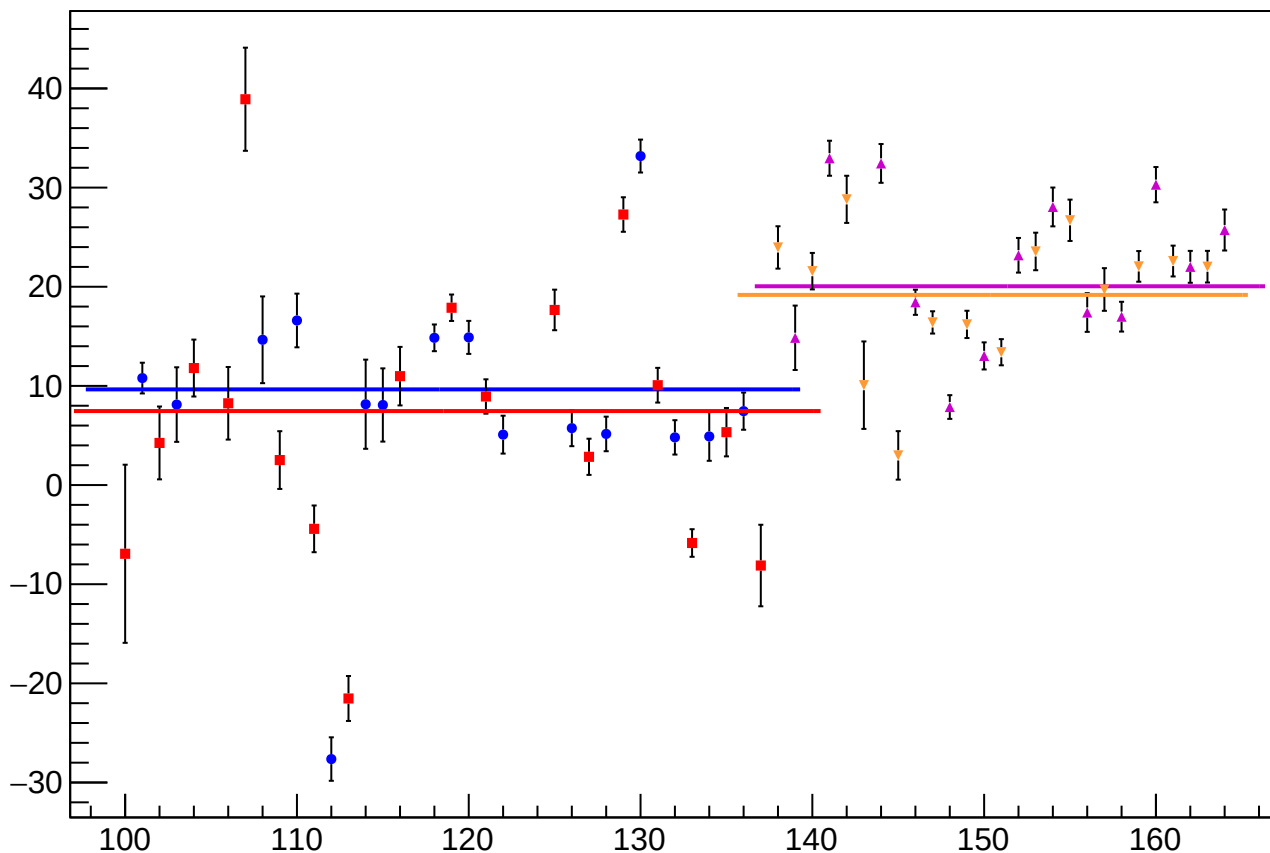
Right: 61.754+/-0.592 χ^2 /NDF: 3237.3/33

In: 31.086+/-0.457 χ^2 /NDF:3858.8/28

Out: 33.912+/-0.466 χ^2 /NDF:4663.0/31

All: 32.472+/-0.327 χ^2 /NDF: 8540.5/60

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: 19.178 ± 0.459 $\chi^2/\text{NDF}: 131.1/13$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 20.048 ± 0.458 $\chi^2/\text{NDF}: 295.8/12$

Left: 19.613 ± 0.324 $\chi^2/\text{NDF}: 428.7/26$

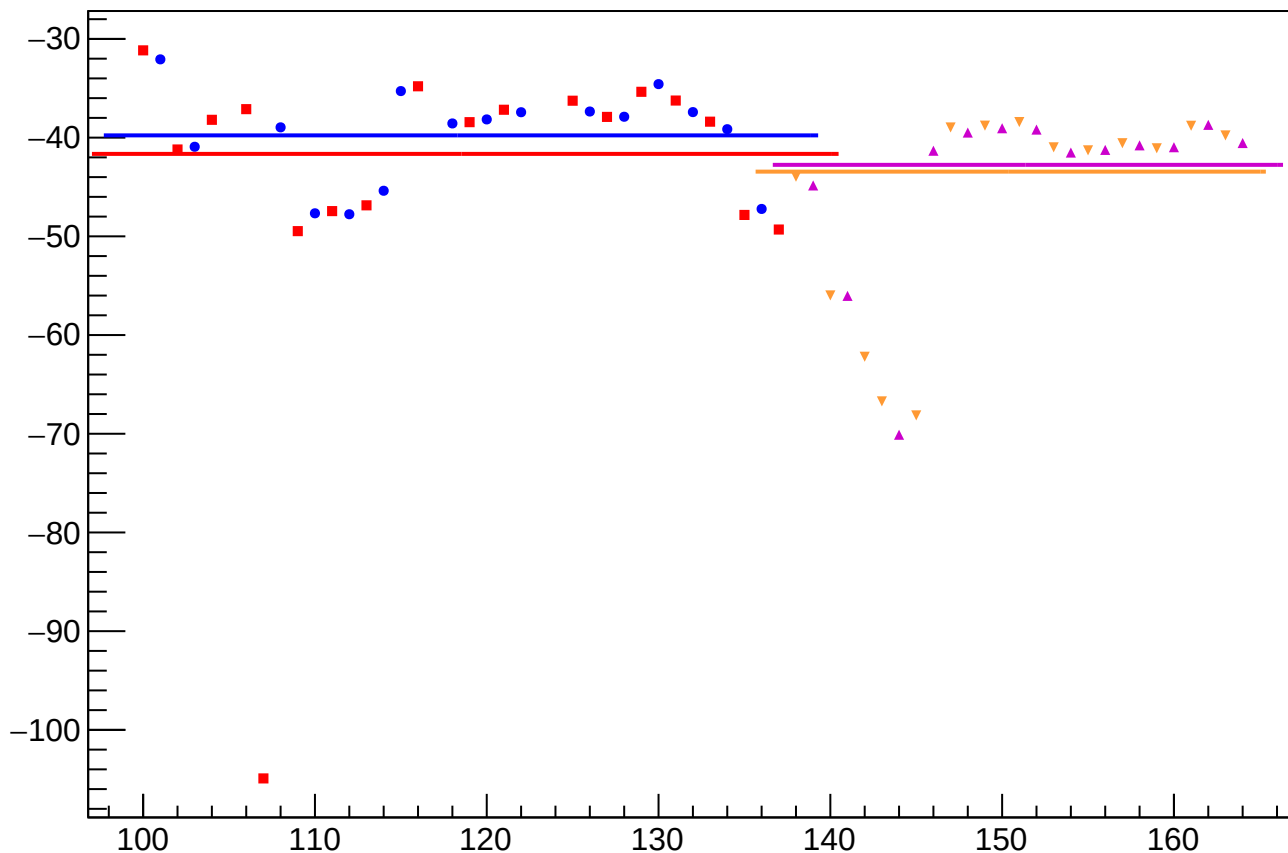
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.320 ± 0.338 $\chi^2/\text{NDF}: 1083.5/28$

Out: 14.003 ± 0.343 $\chi^2/\text{NDF}: 986.1/31$

All: 14.670 ± 0.241 $\chi^2/\text{NDF}: 2077.0/60$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -43.444+/-0.022 χ^2/NDF :132507.3/13

Right Out: -41.647+/-0.031 χ^2/NDF : 94514.5/17

Left In: -42.757+/-0.022 χ^2/NDF :99676.3/12

Left: -43.090+/-0.016 χ^2/NDF : 232673.2/26

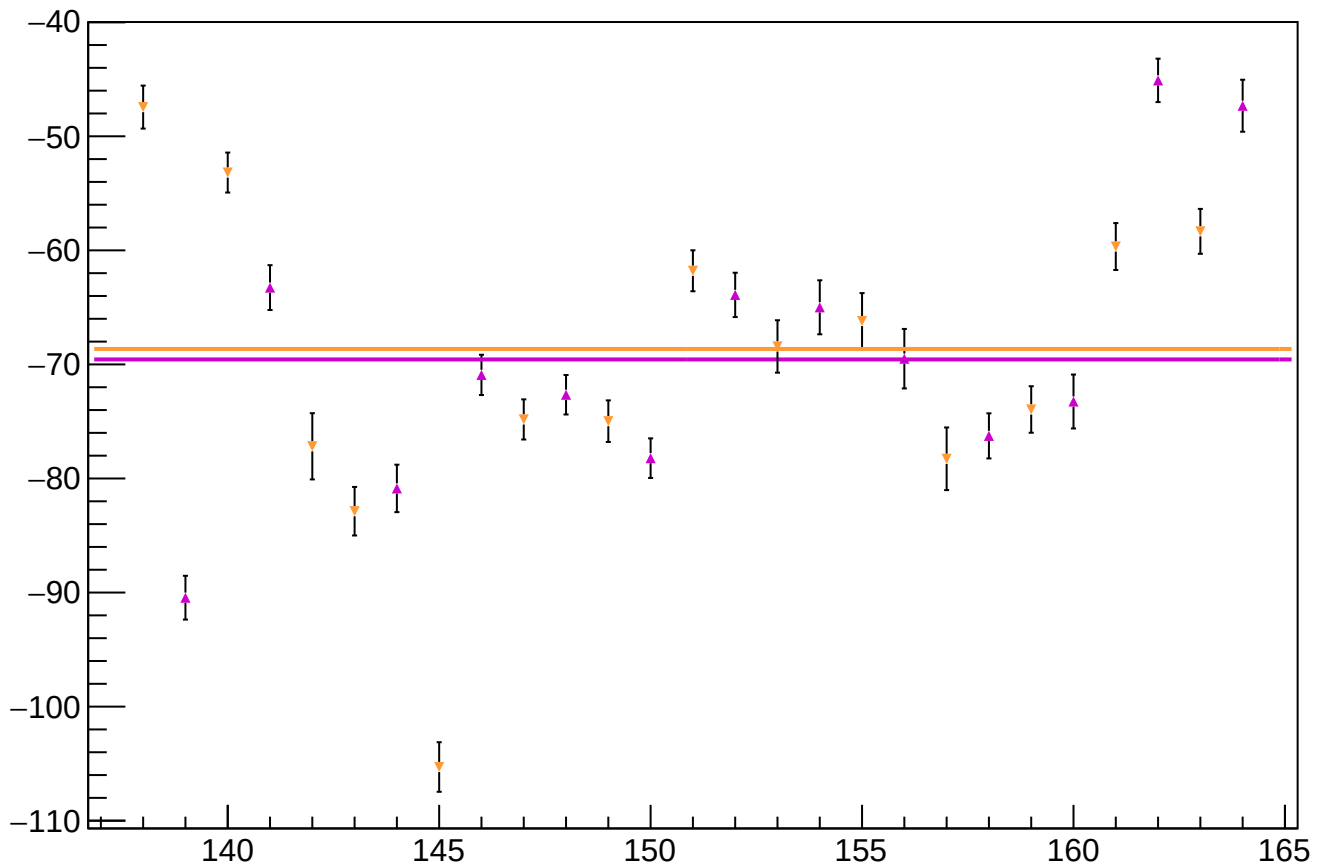
Right: -40.706+/-0.022 χ^2/NDF : 122504.5/33

In: -41.785+/-0.018 χ^2/NDF :132067.2/28

Out: -42.837+/-0.018 χ^2/NDF :229218.7/31

All: -42.300+/-0.013 χ^2/NDF : 363006.6/60

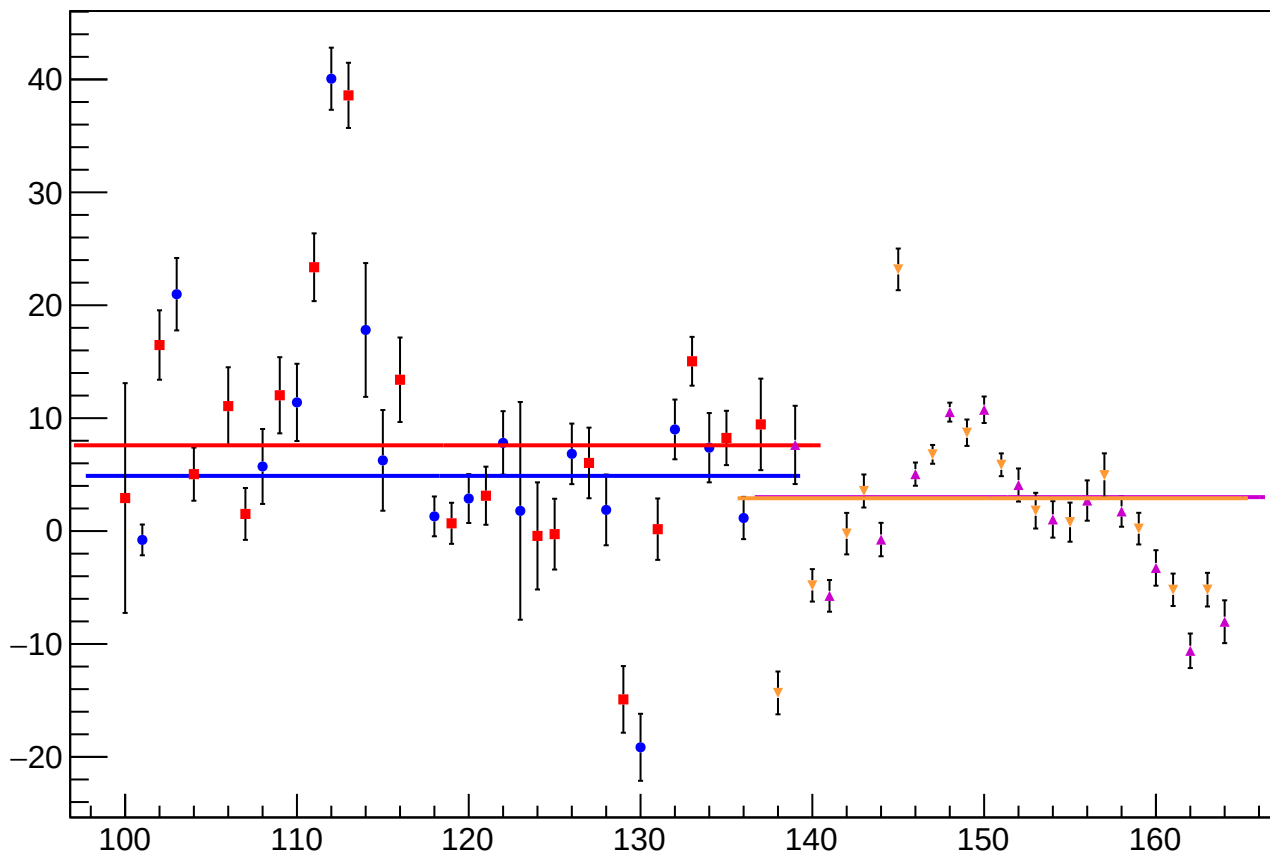
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -68.643+/-0.549 χ^2/NDF : 647.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -69.564+/-0.555 χ^2/NDF : 473.3/12

Left: -69.098+/-0.390 χ^2/NDF : 1122.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -69.564+/-0.555 χ^2/NDF : 473.3/12
 Out: -68.643+/-0.549 χ^2/NDF : 647.5/13
 All: -69.098+/-0.390 χ^2/NDF : 1122.3/26

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 2.907 ± 0.367 χ^2/NDF : 358.5/13

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 3.007 ± 0.379 χ^2/NDF : 306.9/12

Left: 2.956 ± 0.264 χ^2/NDF : 665.4/26

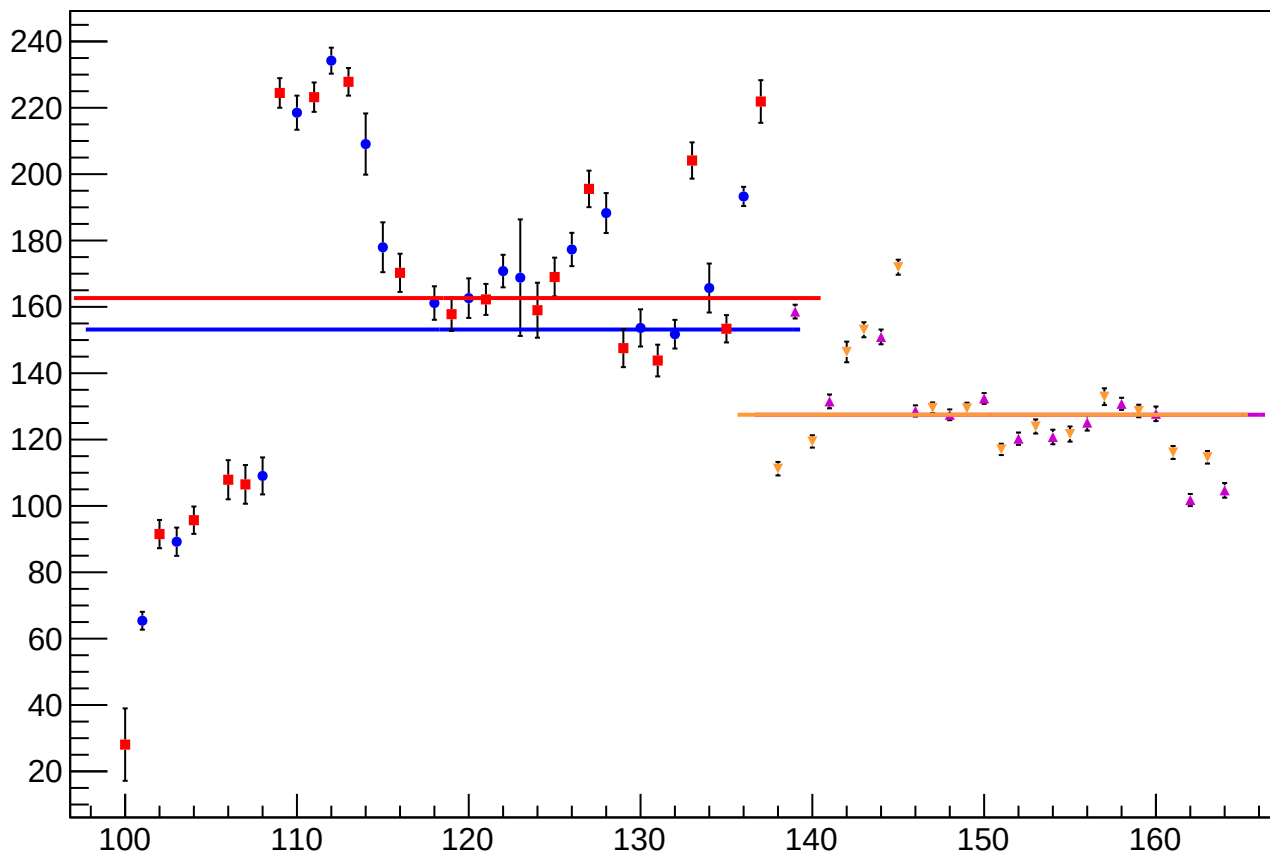
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 3.517 ± 0.324 χ^2/NDF : 608.3/29

Out: 4.039 ± 0.320 χ^2/NDF : 667.3/32

All: 3.781 ± 0.228 χ^2/NDF : 1276.9/62

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 127.485+/-0.538 χ^2/NDF : 763.7/13

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 127.487+/-0.539 χ^2/NDF : 678.8/12

Left: 127.486+/-0.381 χ^2/NDF : 1442.5/26

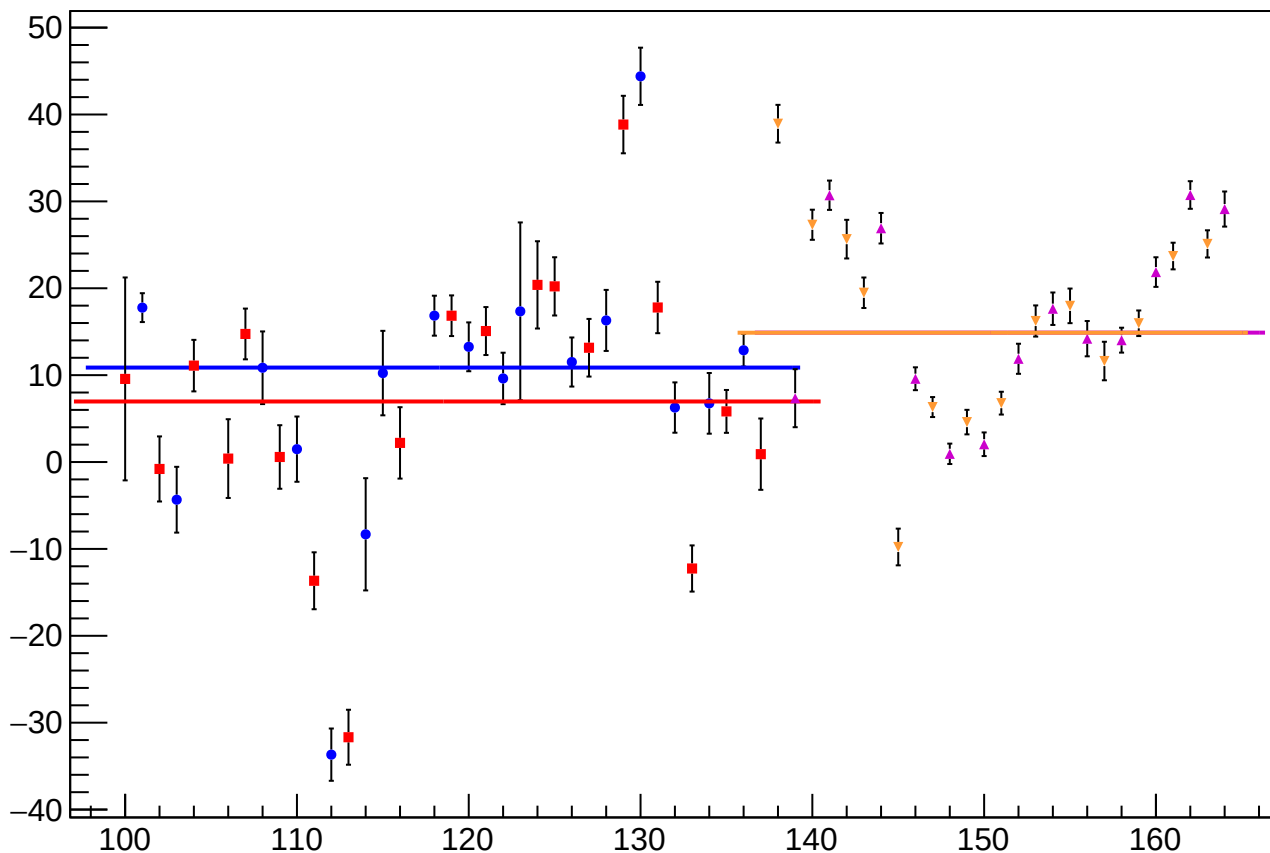
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 132.131+/-0.487 χ^2/NDF : 3354.4/29

Out: 133.563+/-0.489 χ^2/NDF : 3211.6/32

All: 132.844+/-0.345 χ^2/NDF : 6570.3/62

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 14.884 $\pm$ 0.439 χ^2 /NDF: 568.7/13

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 14.893 $\pm$ 0.450 χ^2 /NDF: 557.7/12

Left: 14.888 $\pm$ 0.314 χ^2 /NDF: 1126.4/26

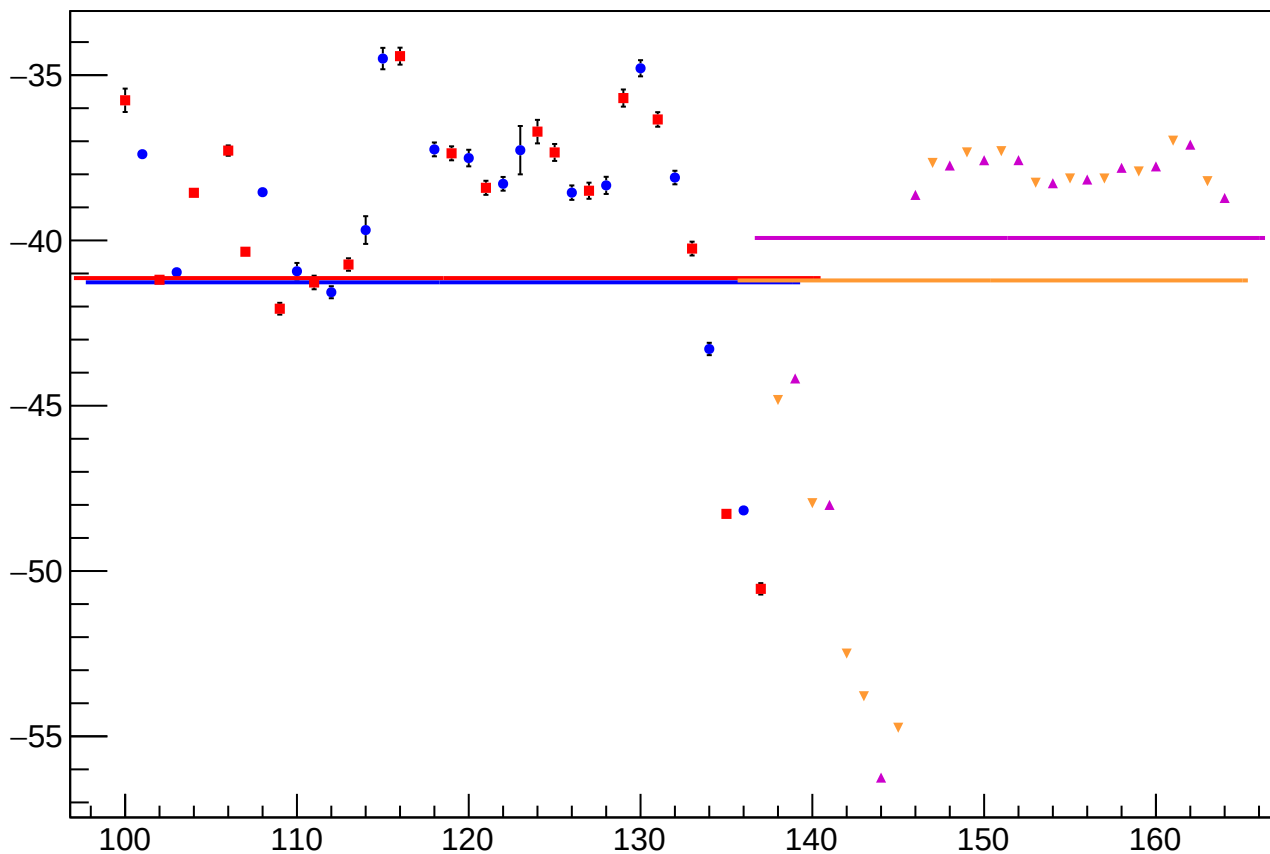
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 13.752 $\pm$ 0.381 χ^2 /NDF: 967.0/29

Out: 12.856 $\pm$ 0.378 χ^2 /NDF: 1074.5/32

All: 13.301 $\pm$ 0.268 χ^2 /NDF: 2044.3/62

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: -41.210 ± 0.021 $\chi^2/\text{NDF}: 77991.0/13$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.926 ± 0.021 $\chi^2/\text{NDF}: 48438.6/12$

Left: -40.566 ± 0.015 $\chi^2/\text{NDF}: 128246.1/26$

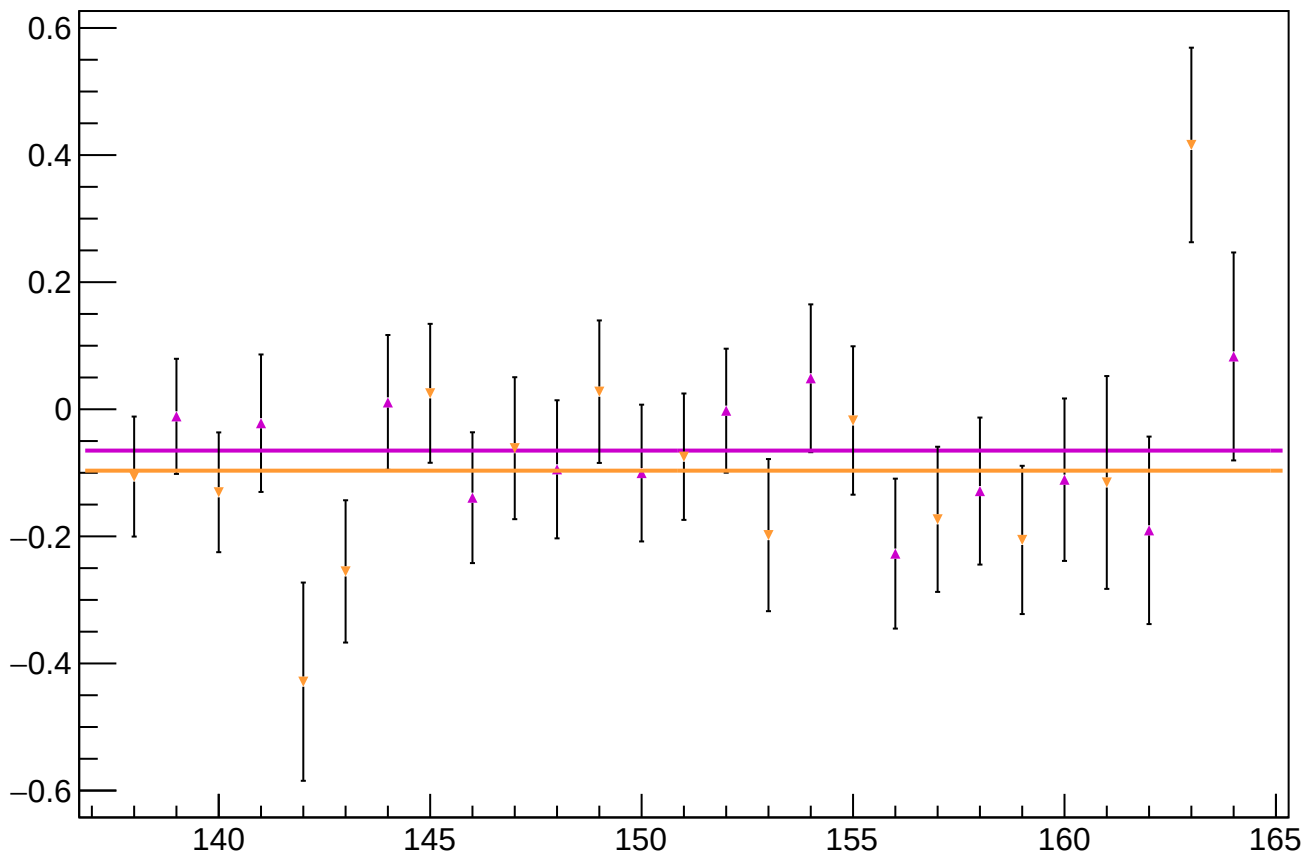
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -40.239 ± 0.019 $\chi^2/\text{NDF}: 61949.3/29$

Out: -41.194 ± 0.019 $\chi^2/\text{NDF}: 90236.0/32$

All: -40.715 ± 0.013 $\chi^2/\text{NDF}: 153493.8/62$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.097 $\pm$ 0.031 χ^2 /NDF:23.0/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.065 $\pm$ 0.031 χ^2 /NDF:7.0/12

Left: -0.081 $\pm$ 0.022 χ^2 /NDF: 30.5/26

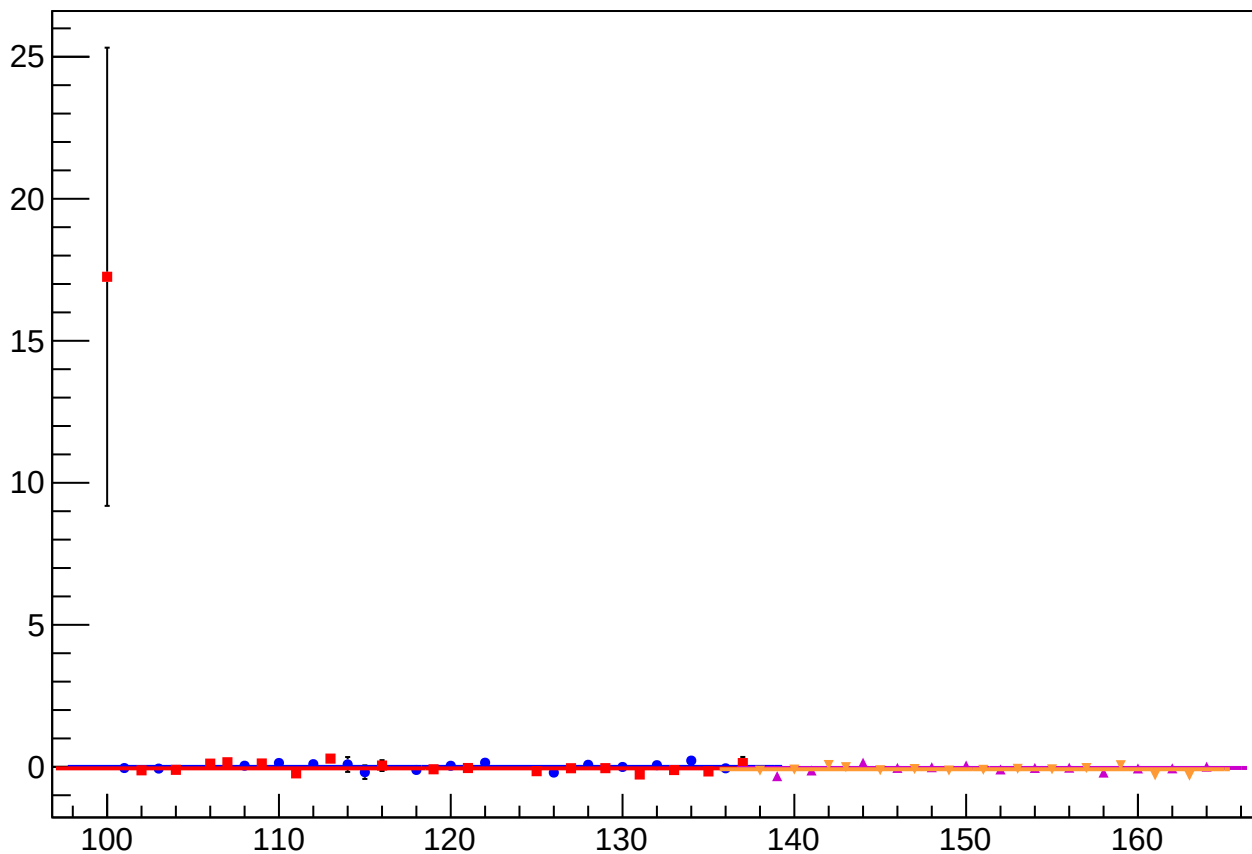
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.065 $\pm$ 0.031 χ^2 /NDF:7.0/12

Out: -0.097 $\pm$ 0.031 χ^2 /NDF:23.0/13

All: -0.081 $\pm$ 0.022 χ^2 /NDF: 30.5/26

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.085 ± 0.021 χ^2/NDF : 14.6/13

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.039 ± 0.022 χ^2/NDF : 16.6/12

Left: -0.063 ± 0.015 χ^2/NDF : 33.4/26

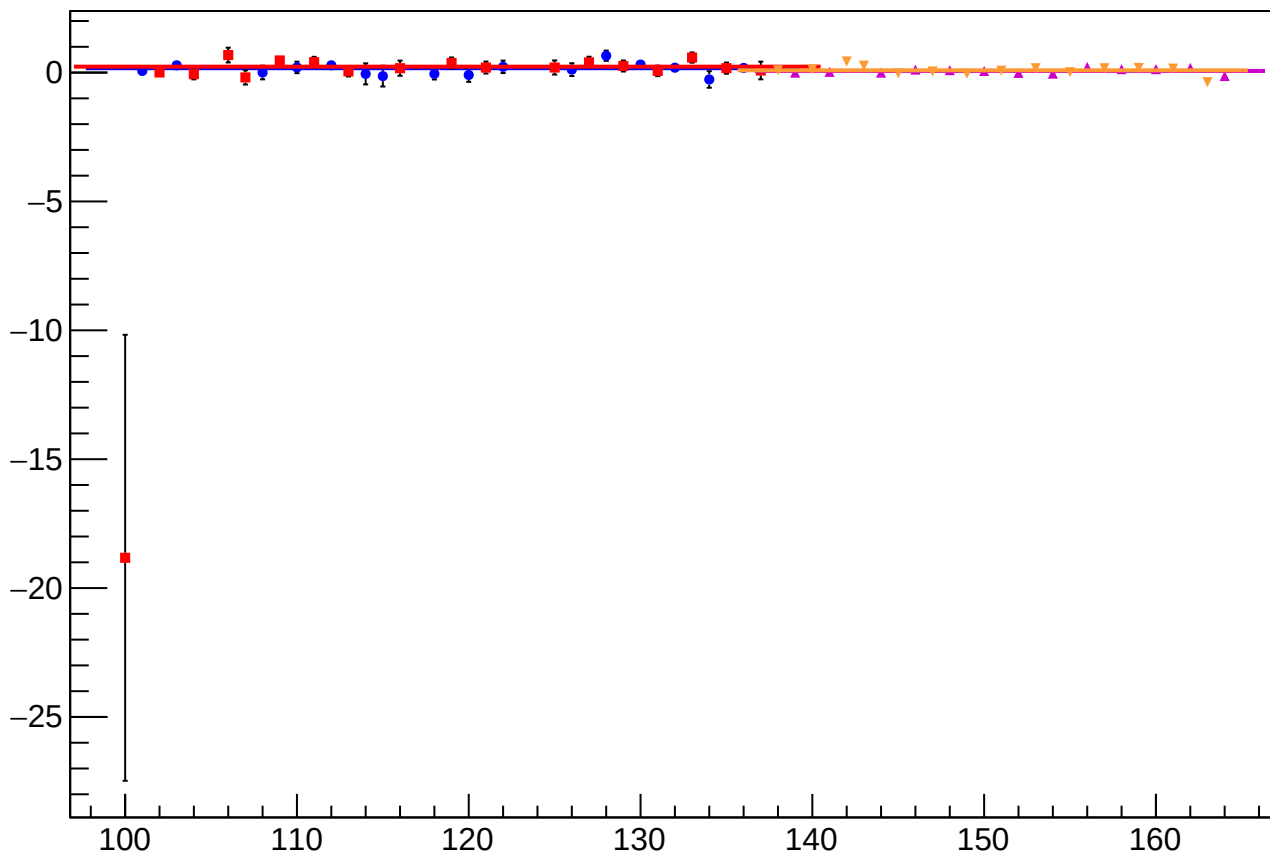
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.025 ± 0.017 χ^2/NDF : 29.8/28

Out: -0.074 ± 0.017 χ^2/NDF : 40.9/31

All: -0.050 ± 0.012 χ^2/NDF : 74.7/60

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: 0.087 $\pm$ 0.030 χ^2 /NDF:21.7/13

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.062 $\pm$ 0.030 χ^2 /NDF:7.8/12

Left: 0.075 $\pm$ 0.021 χ^2 /NDF: 29.8/26

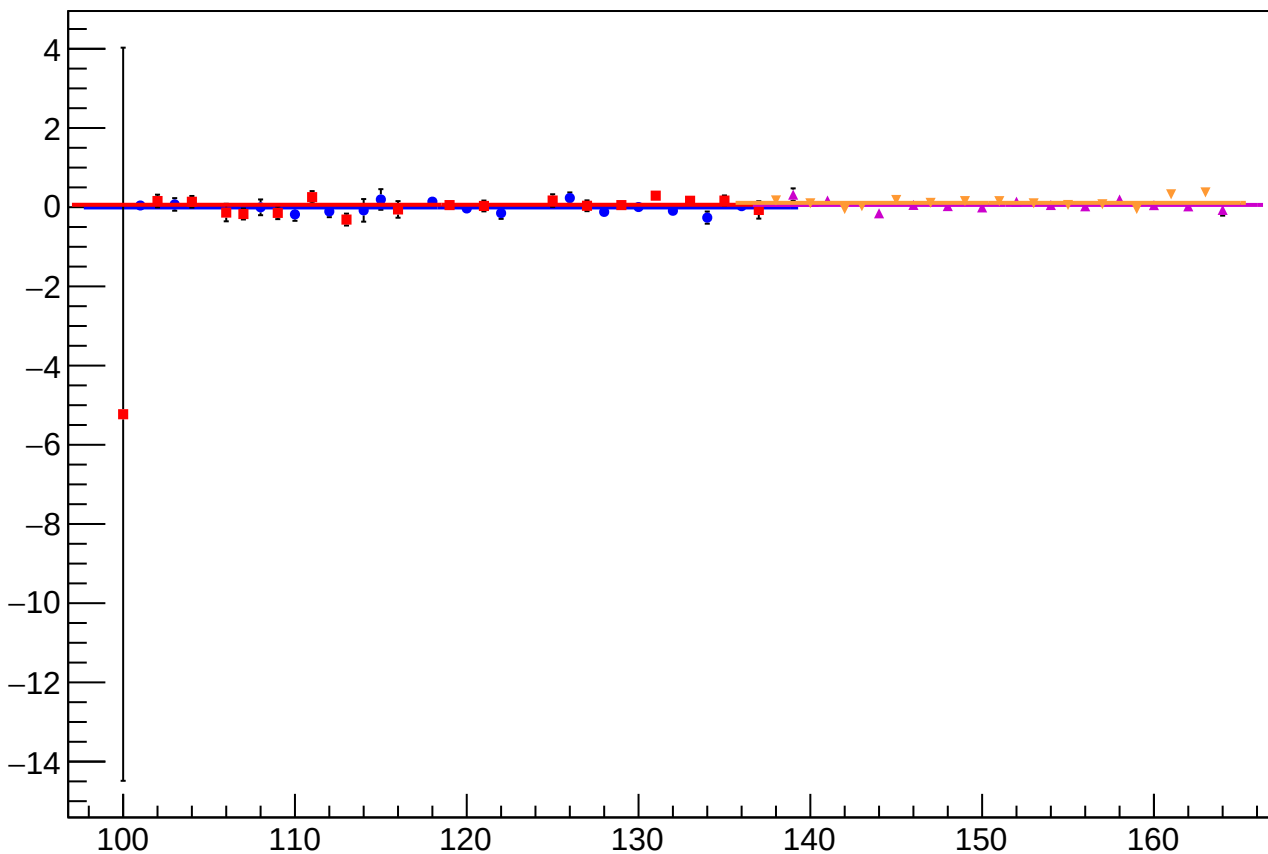
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.089 $\pm$ 0.026 χ^2 /NDF:24.0/28

Out: 0.121 $\pm$ 0.026 χ^2 /NDF:48.6/31

All: 0.105 $\pm$ 0.019 χ^2 /NDF: 73.4/60

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.110 ± 0.025 χ^2/NDF : 15.4/13

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.057 ± 0.026 χ^2/NDF : 14.9/12

Left: 0.084 ± 0.018 χ^2/NDF : 32.4/26

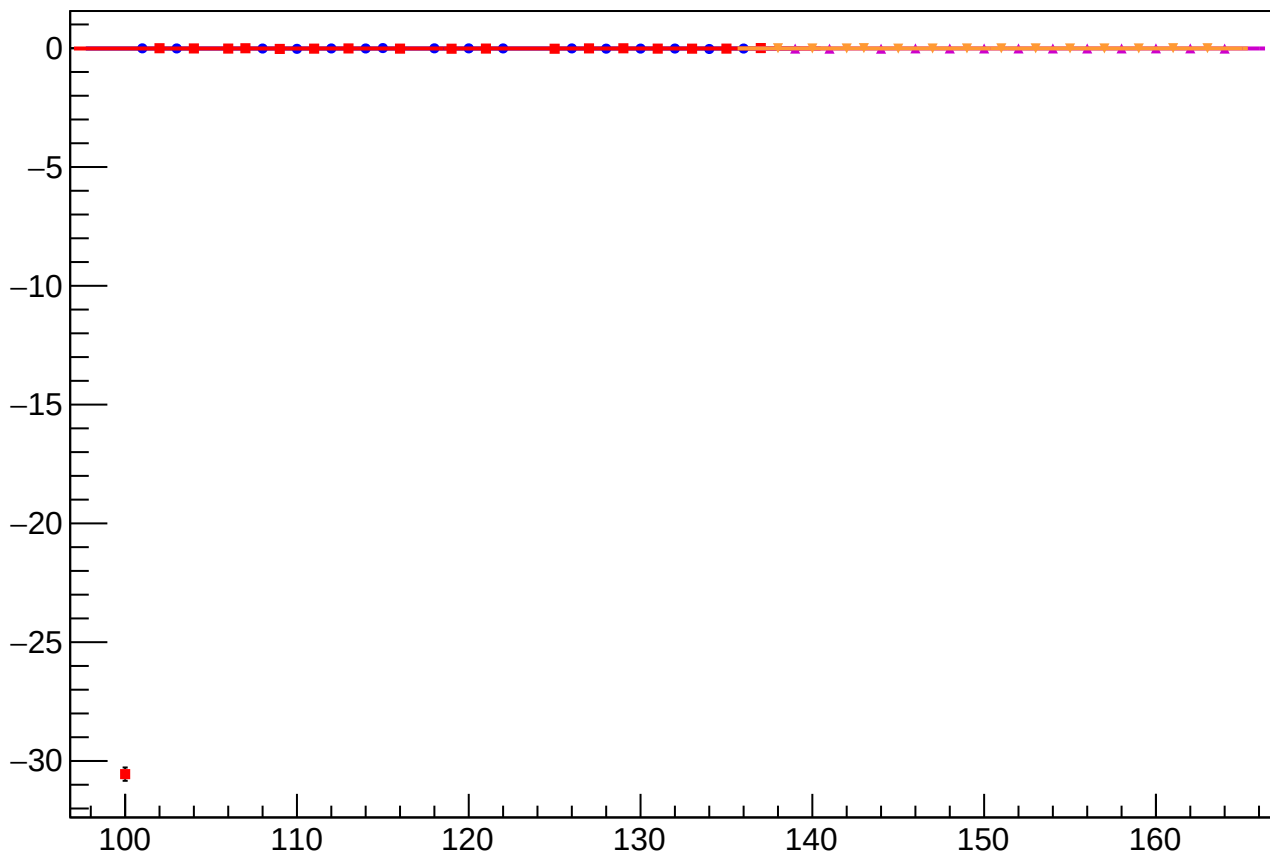
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.033 ± 0.020 χ^2/NDF : 30.5/28

Out: 0.093 ± 0.020 χ^2/NDF : 37.0/31

All: 0.063 ± 0.014 χ^2/NDF : 71.9/60

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.007 $\pm$ 0.001 χ^2 /NDF:16.5/13

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:12.4/12

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 32.7/26

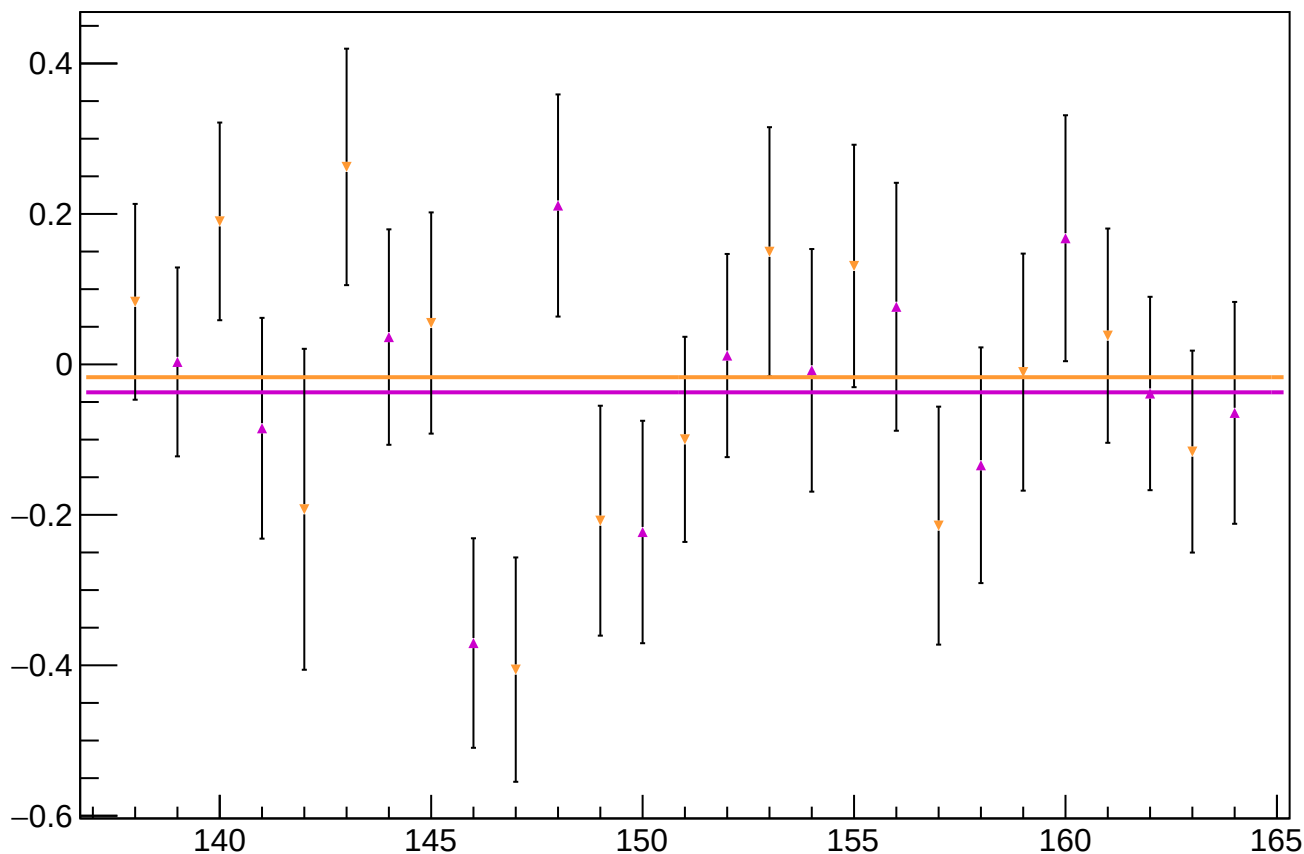
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.011 $\pm$ 0.001 χ^2 /NDF:25.5/28

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11911.4/31

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11939.4/60

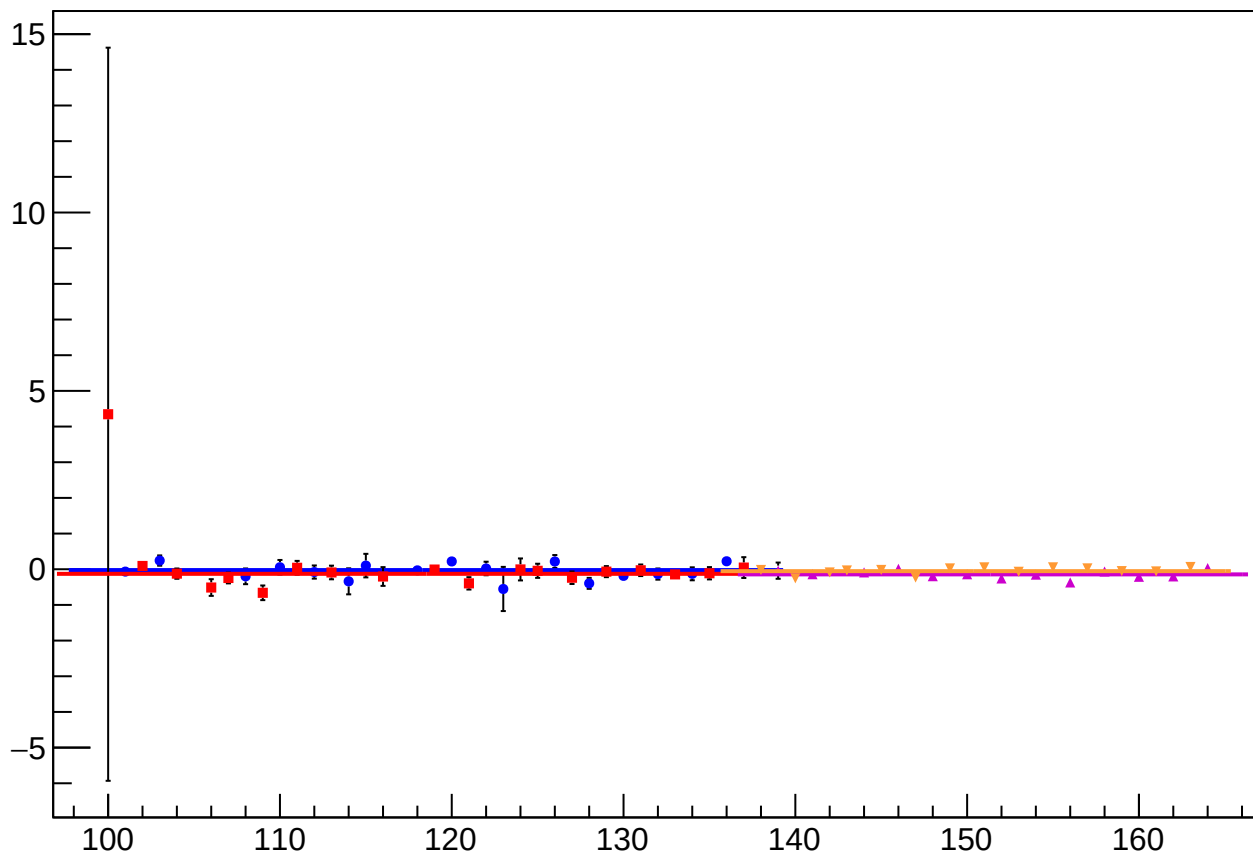
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.017 $\pm$ 0.040 χ^2 /NDF:20.0/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.037 $\pm$ 0.040 χ^2 /NDF:13.2/12

Left: -0.027 $\pm$ 0.028 χ^2 /NDF: 33.3/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.037 $\pm$ 0.040 χ^2 /NDF:13.2/12
 Out: -0.017 $\pm$ 0.040 χ^2 /NDF:20.0/13
 All: -0.027 $\pm$ 0.028 χ^2 /NDF: 33.3/26

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.054 ± 0.028 χ^2/NDF : 15.2/13

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.144 ± 0.029 χ^2/NDF : 13.1/12

Left: -0.097 ± 0.020 χ^2/NDF : 33.6/26

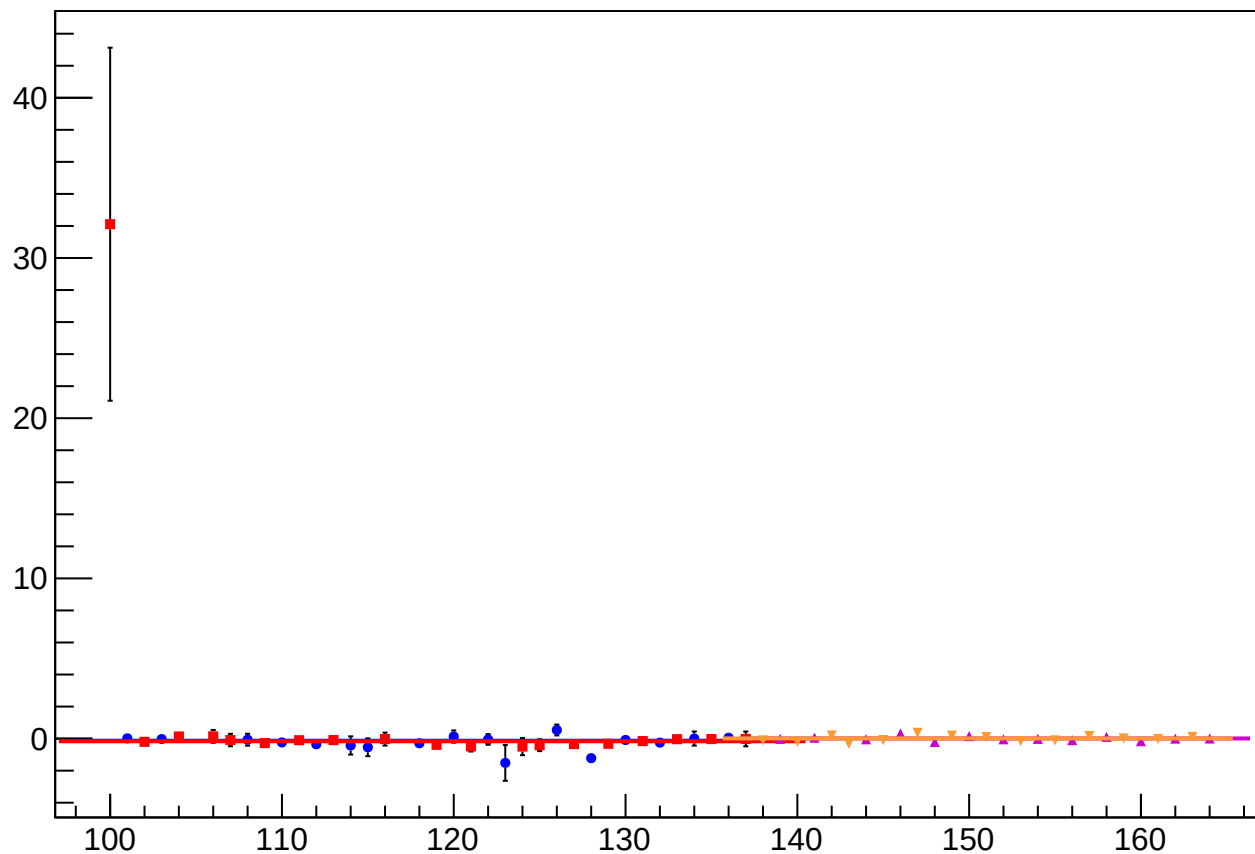
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.098 ± 0.022 χ^2/NDF : 42.3/29

Out: -0.078 ± 0.023 χ^2/NDF : 36.5/32

All: -0.088 ± 0.016 χ^2/NDF : 79.2/62

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: 0.012 ± 0.039 $\chi^2/\text{NDF}: 19.8/13$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.011 ± 0.039 $\chi^2/\text{NDF}: 11.8/12$

Left: 0.011 ± 0.028 $\chi^2/\text{NDF}: 31.6/26$

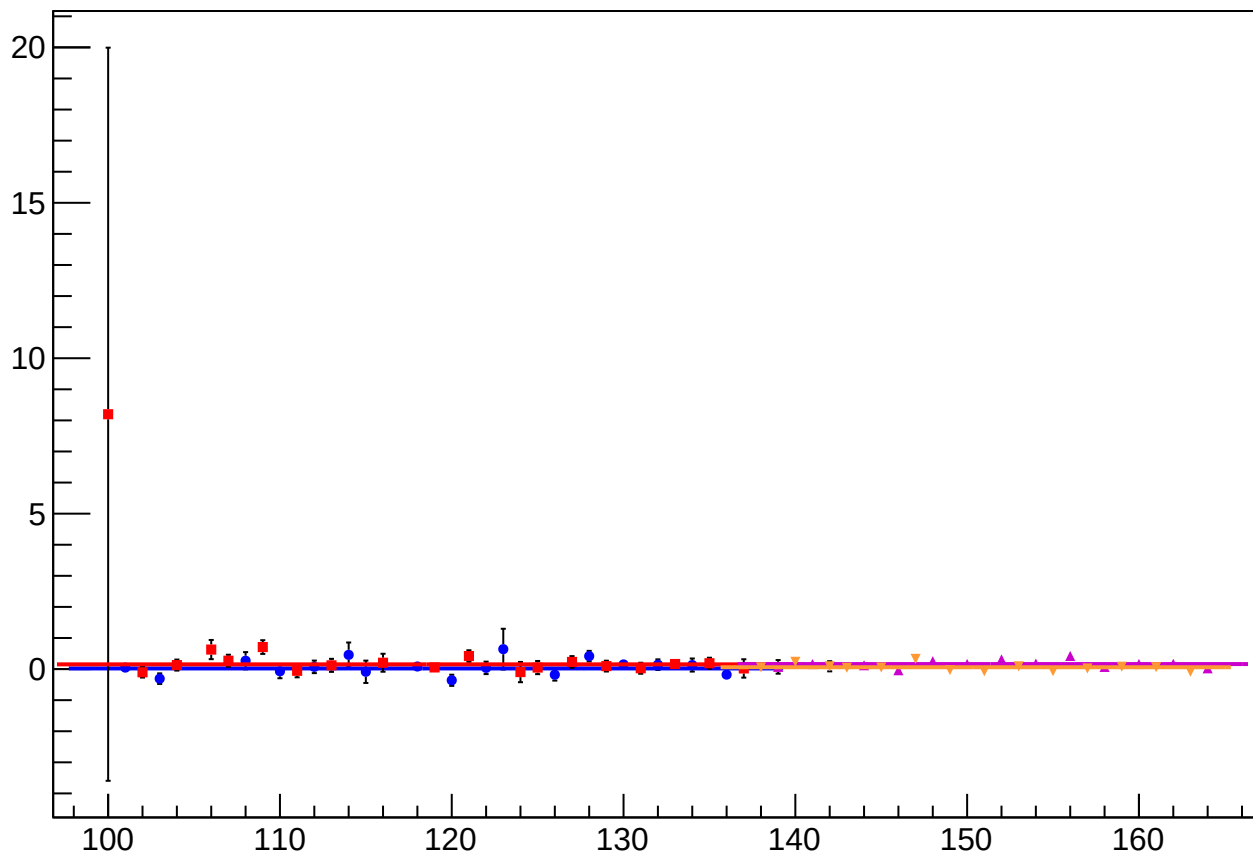
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.026 ± 0.034 $\chi^2/\text{NDF}: 41.0/29$

Out: -0.029 ± 0.034 $\chi^2/\text{NDF}: 39.3/32$

All: -0.028 ± 0.024 $\chi^2/\text{NDF}: 80.3/62$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.059+/-0.032 χ^2/NDF :14.7/13

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.161+/-0.033 χ^2/NDF :12.1/12

Left: 0.109+/-0.023 χ^2/NDF : 31.6/26

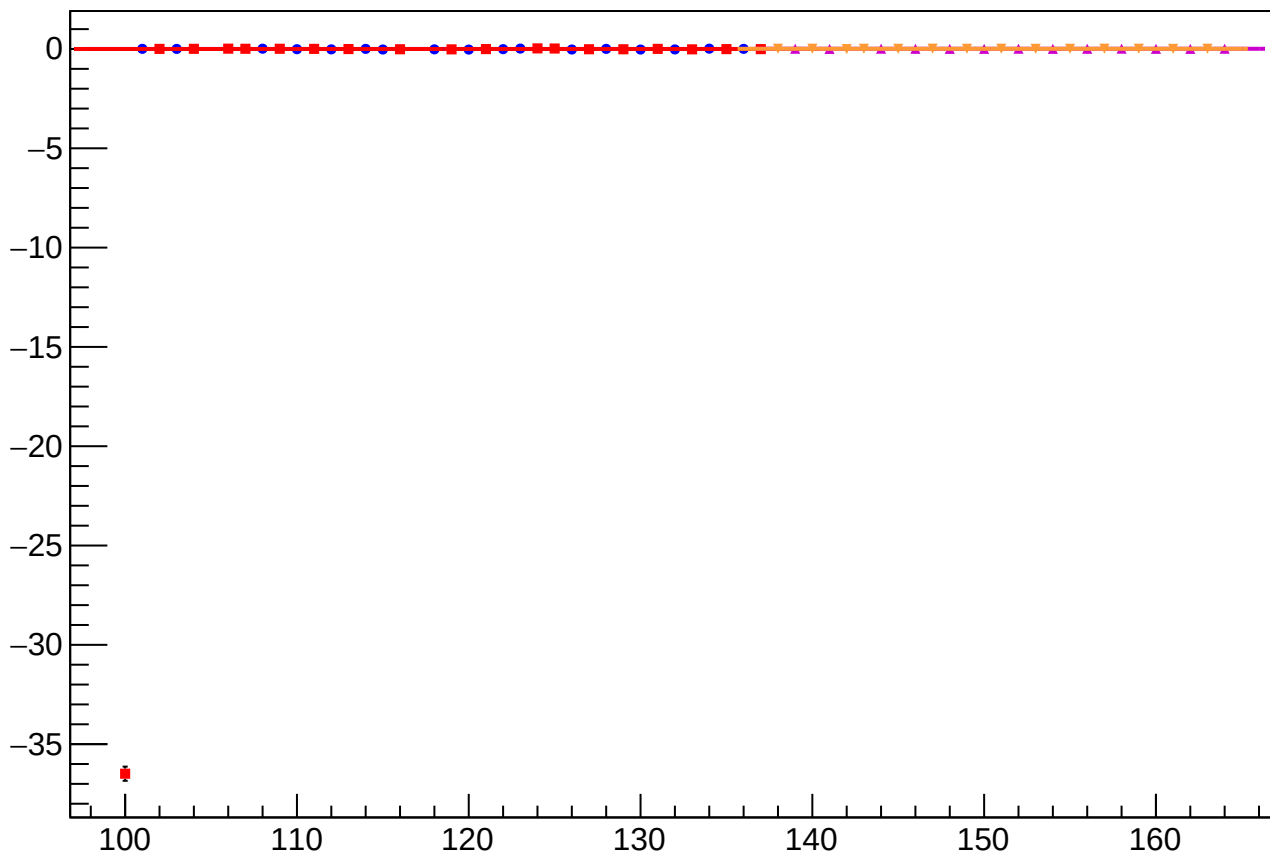
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.107+/-0.026 χ^2/NDF :40.7/29

Out: 0.090+/-0.026 χ^2/NDF :34.7/32

All: 0.099+/-0.019 χ^2/NDF : 75.7/62

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: 0.011 $\pm$ 0.002 χ^2/NDF : 6.5/13

Right Out: 0.001 $\pm$ 0.002 χ^2/NDF : 10449.2/18

Left In: 0.011 $\pm$ 0.002 χ^2/NDF : 5.7/12

Left: 0.011 $\pm$ 0.001 χ^2/NDF : 12.3/26

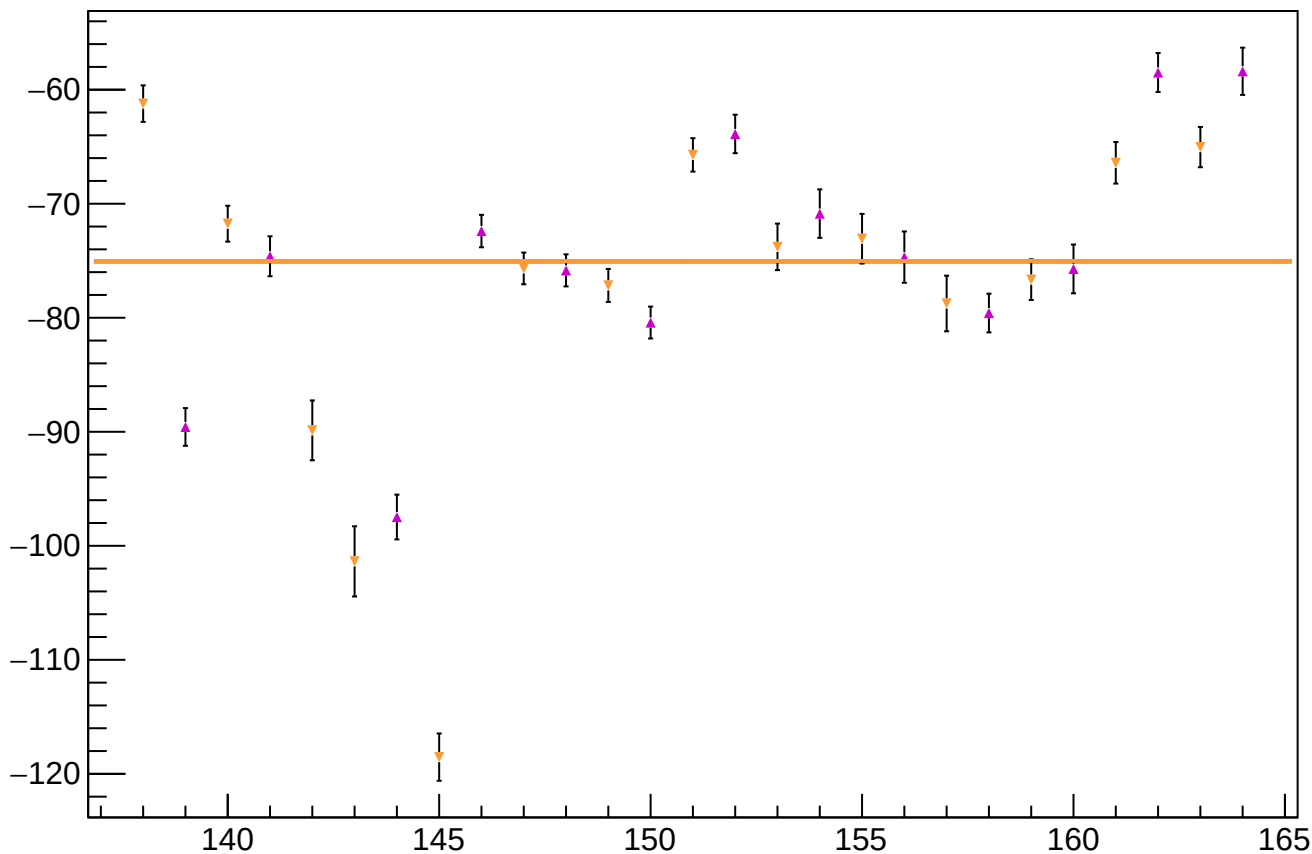
Right: 0.001 $\pm$ 0.002 χ^2/NDF : 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2/NDF : 51.4/29

Out: 0.008 $\pm$ 0.001 χ^2/NDF : 10468.7/32

All: 0.008 $\pm$ 0.001 χ^2/NDF : 10520.1/62

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: -75.023+/-0.483 χ^2/NDF :724.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.062+/-0.478 χ^2/NDF :439.7/12

Left: -75.043+/-0.340 χ^2/NDF : 1164.4/26

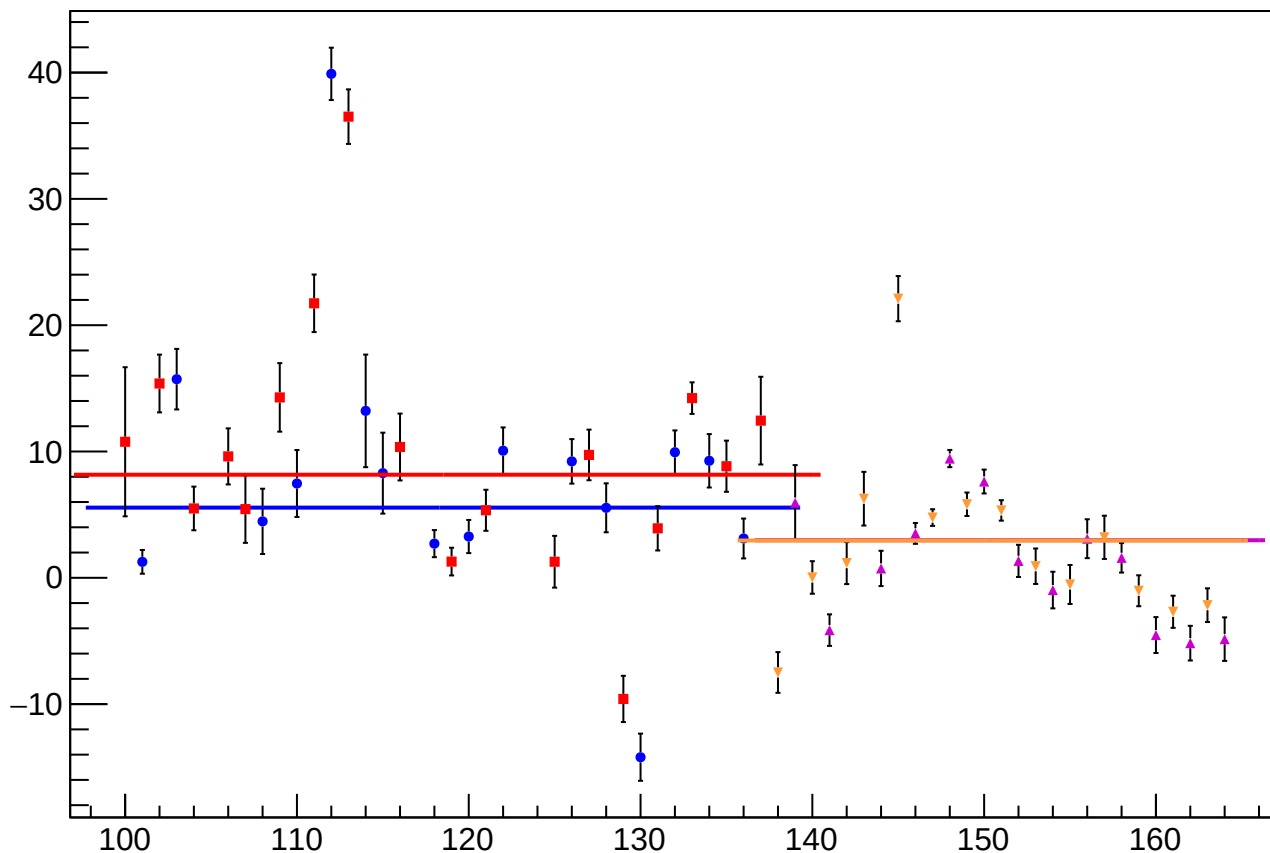
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.062+/-0.478 χ^2/NDF :439.7/12

Out: -75.023+/-0.483 χ^2/NDF :724.7/13

All: -75.043+/-0.340 χ^2/NDF : 1164.4/26

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: 2.954 ± 0.316 $\chi^2/\text{NDF}: 243.4/13$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.975 ± 0.323 $\chi^2/\text{NDF}: 244.9/12$

Left: 2.964 ± 0.226 $\chi^2/\text{NDF}: 488.3/26$

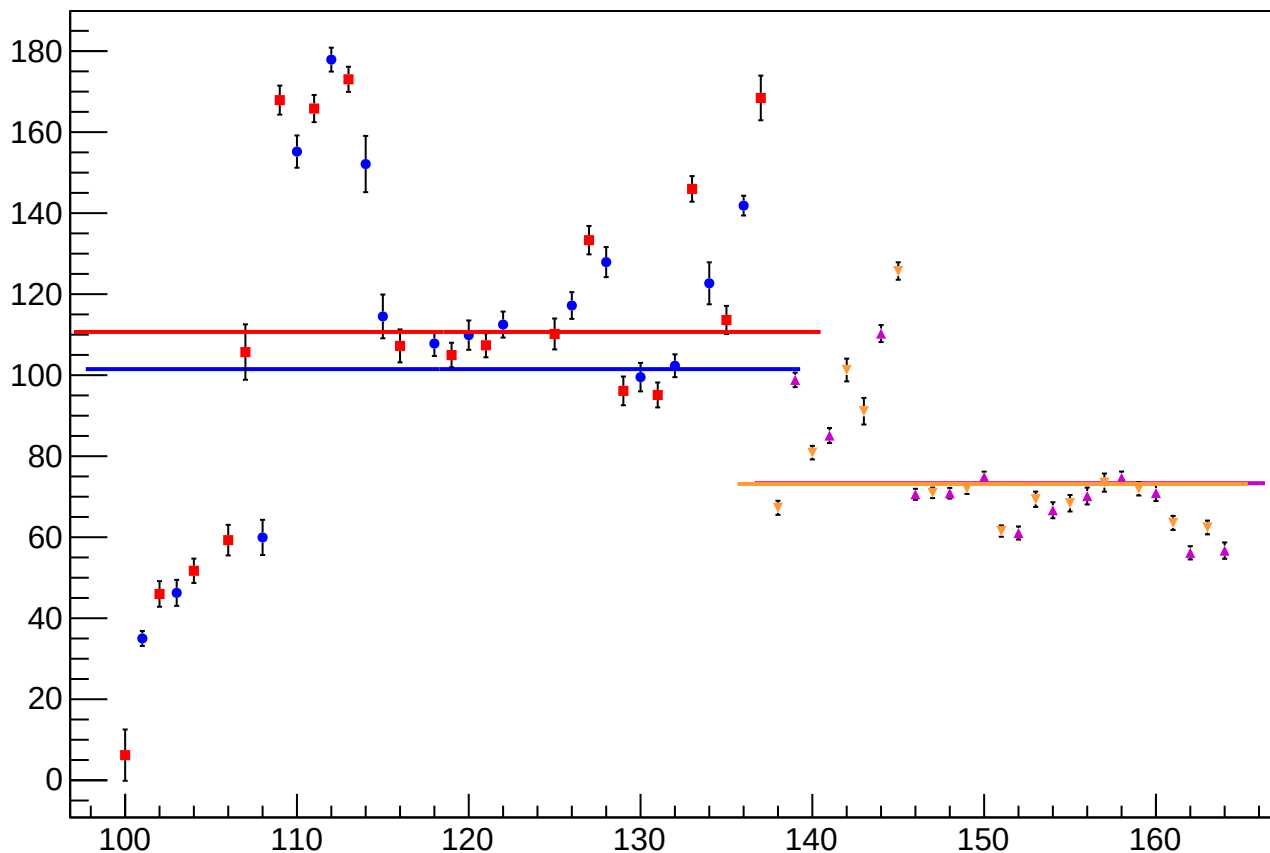
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.921 ± 0.257 $\chi^2/\text{NDF}: 730.4/28$

Out: 4.662 ± 0.259 $\chi^2/\text{NDF}: 739.2/31$

All: 4.287 ± 0.182 $\chi^2/\text{NDF}: 1473.7/60$

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: 73.154 $\pm$ 0.470 χ^2 /NDF:911.5/13

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 73.342 $\pm$ 0.463 χ^2 /NDF:811.7/12

Left: 73.249 $\pm$ 0.330 χ^2 /NDF: 1723.2/26

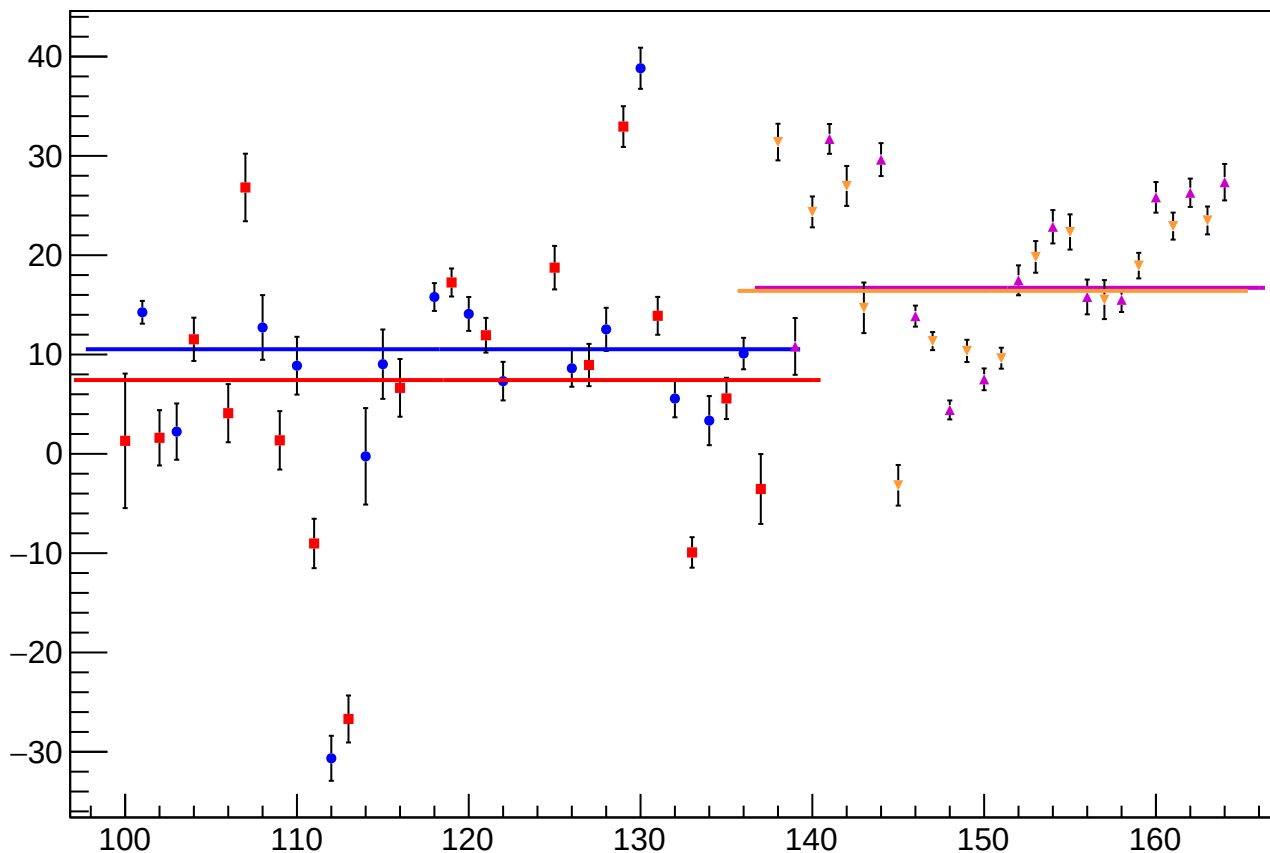
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 80.293 $\pm$ 0.402 χ^2 /NDF:4698.4/28

Out: 82.154 $\pm$ 0.409 χ^2 /NDF:4956.5/31

All: 81.205 $\pm$ 0.287 χ^2 /NDF: 9665.5/60

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: 16.411 $\pm$ 0.381 χ^2 /NDF:381.4/13

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 16.716 $\pm$ 0.385 χ^2 /NDF:537.2/12

Left: 16.562 $\pm$ 0.271 χ^2 /NDF: 919.0/26

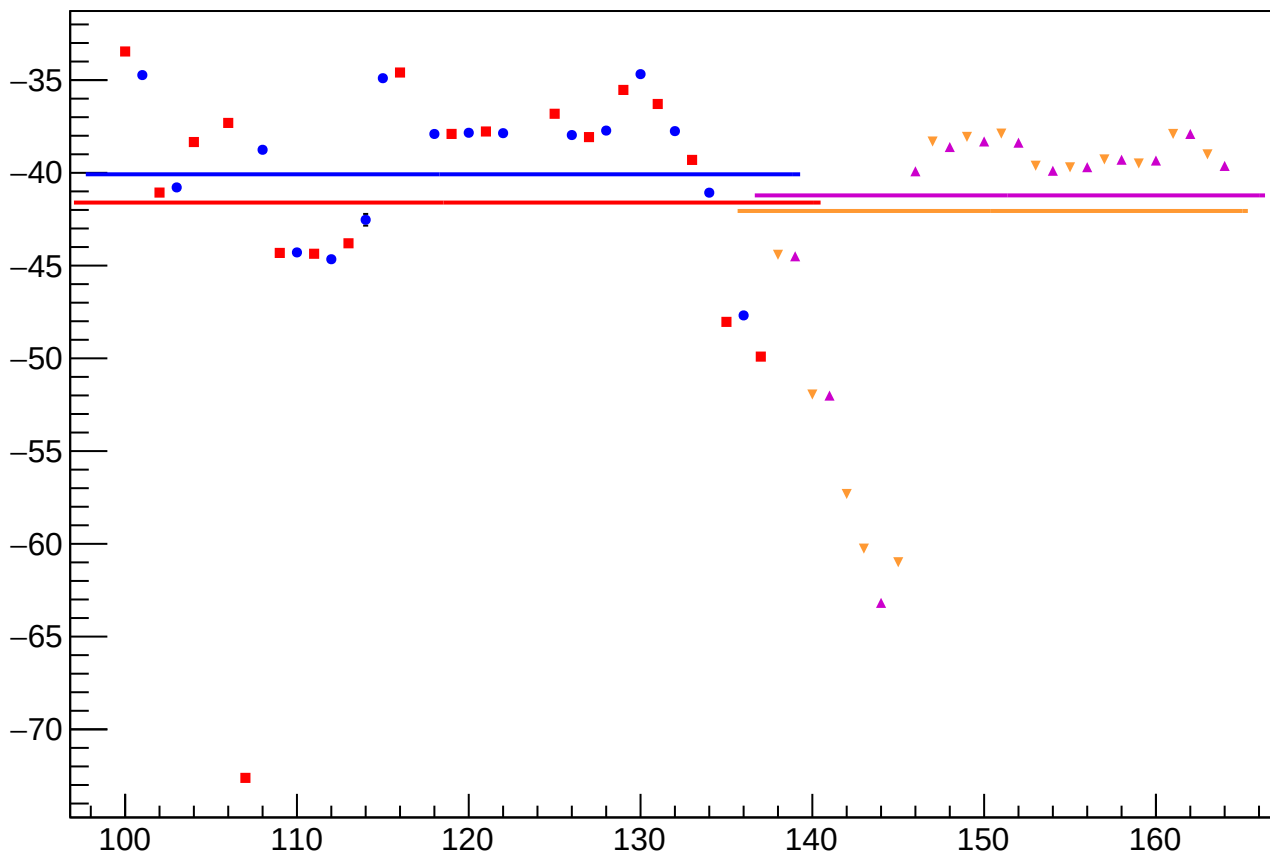
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.372 $\pm$ 0.303 χ^2 /NDF:1215.3/28

Out: 13.298 $\pm$ 0.308 χ^2 /NDF:1259.6/31

All: 13.843 $\pm$ 0.216 χ^2 /NDF: 2481.0/60

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -42.055 ± 0.019 χ^2/NDF : 130820.1/13

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -41.216 ± 0.018 χ^2/NDF : 92973.9/12

Left: -41.626 ± 0.013 χ^2/NDF : 224816.8/26

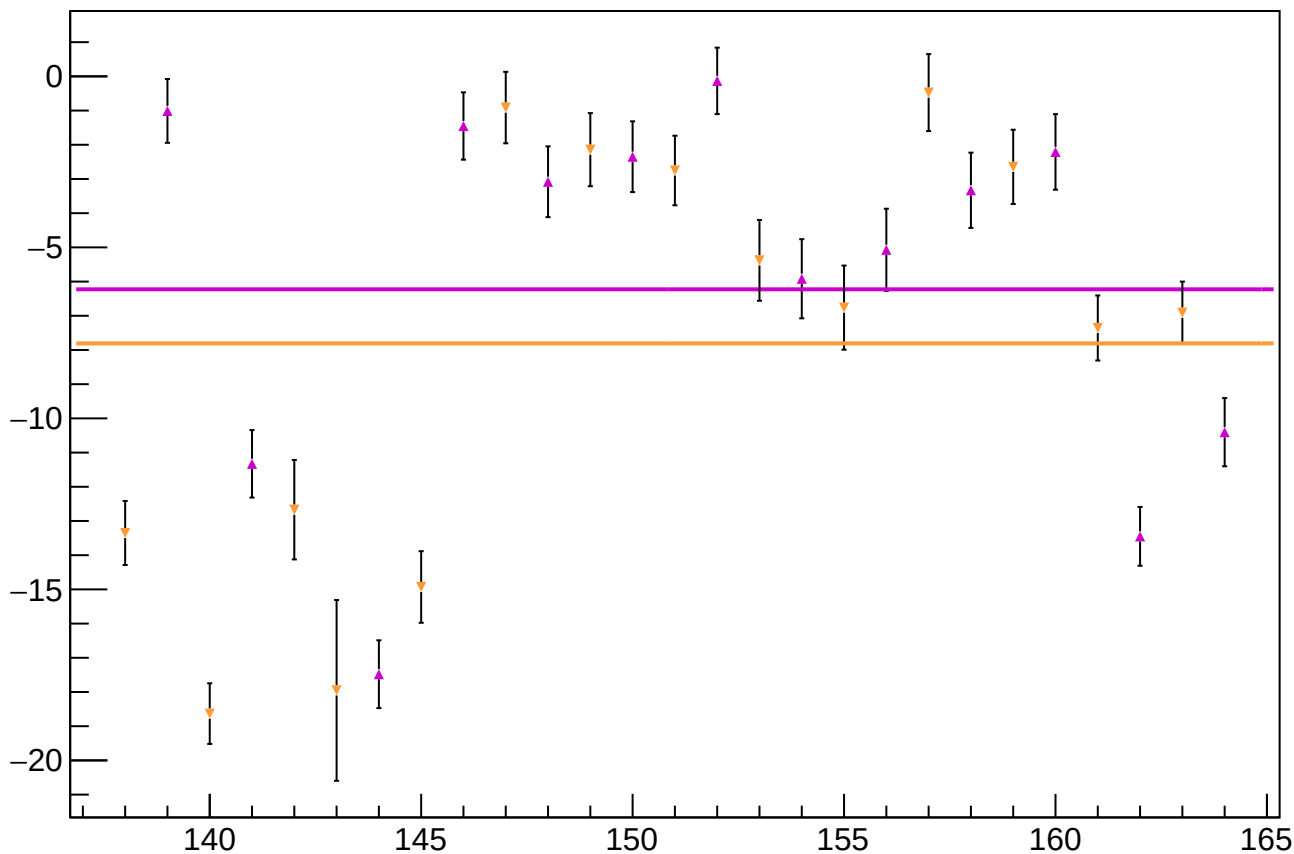
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.878 ± 0.015 χ^2/NDF : 119262.4/28

Out: -41.919 ± 0.016 χ^2/NDF : 192852.1/31

All: -41.388 ± 0.011 χ^2/NDF : 314358.9/60

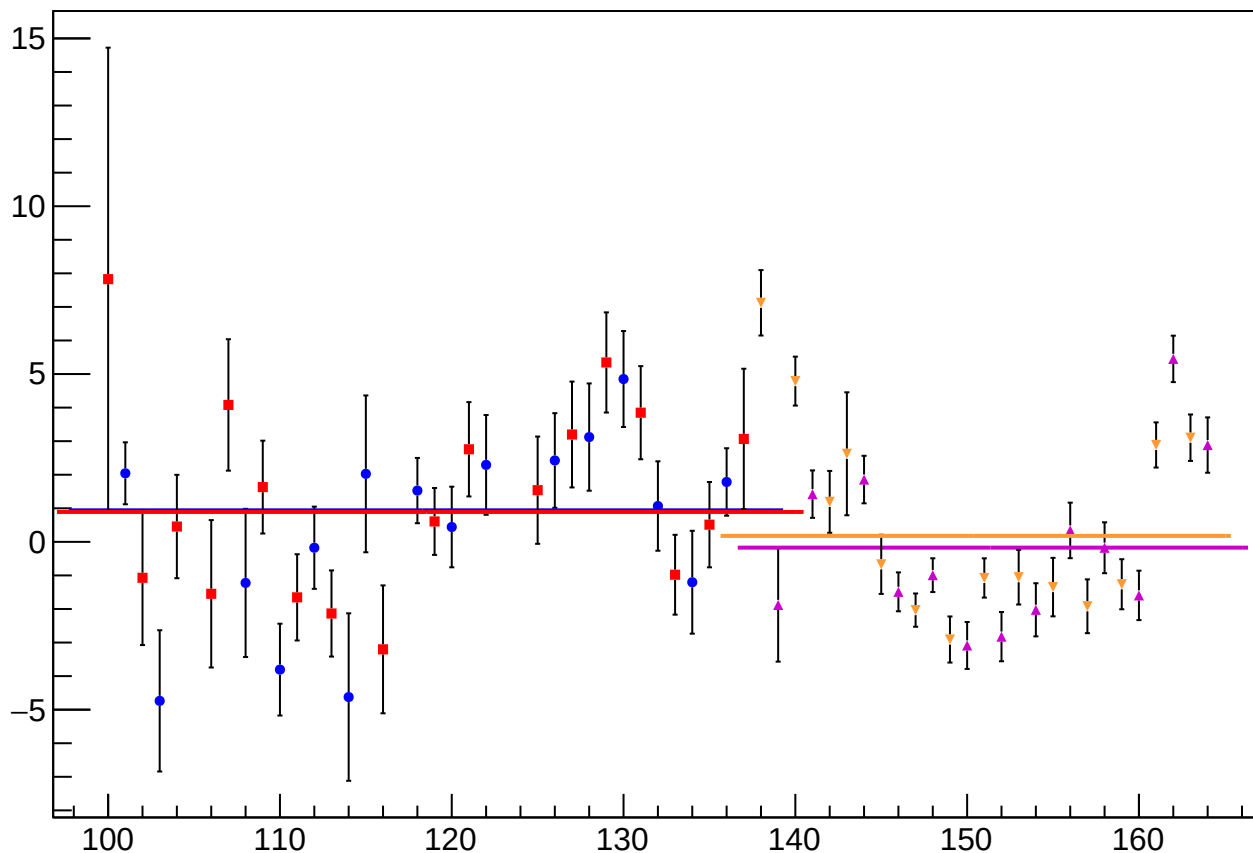
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.807 $\pm$ 0.288 χ^2 /NDF:424.0/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.227 $\pm$ 0.282 χ^2 /NDF:382.3/12

Left: -6.999 $\pm$ 0.201 χ^2 /NDF: 821.7/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.227 $\pm$ 0.282 χ^2 /NDF:382.3/12
 Out: -7.807 $\pm$ 0.288 χ^2 /NDF:424.0/13
 All: -6.999 $\pm$ 0.201 χ^2 /NDF: 821.7/26

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: 0.178 ± 0.199 $\chi^2/\text{NDF}: 189.5/13$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.172 ± 0.198 $\chi^2/\text{NDF}: 142.0/12$

Left: 0.003 ± 0.140 $\chi^2/\text{NDF}: 333.0/26$

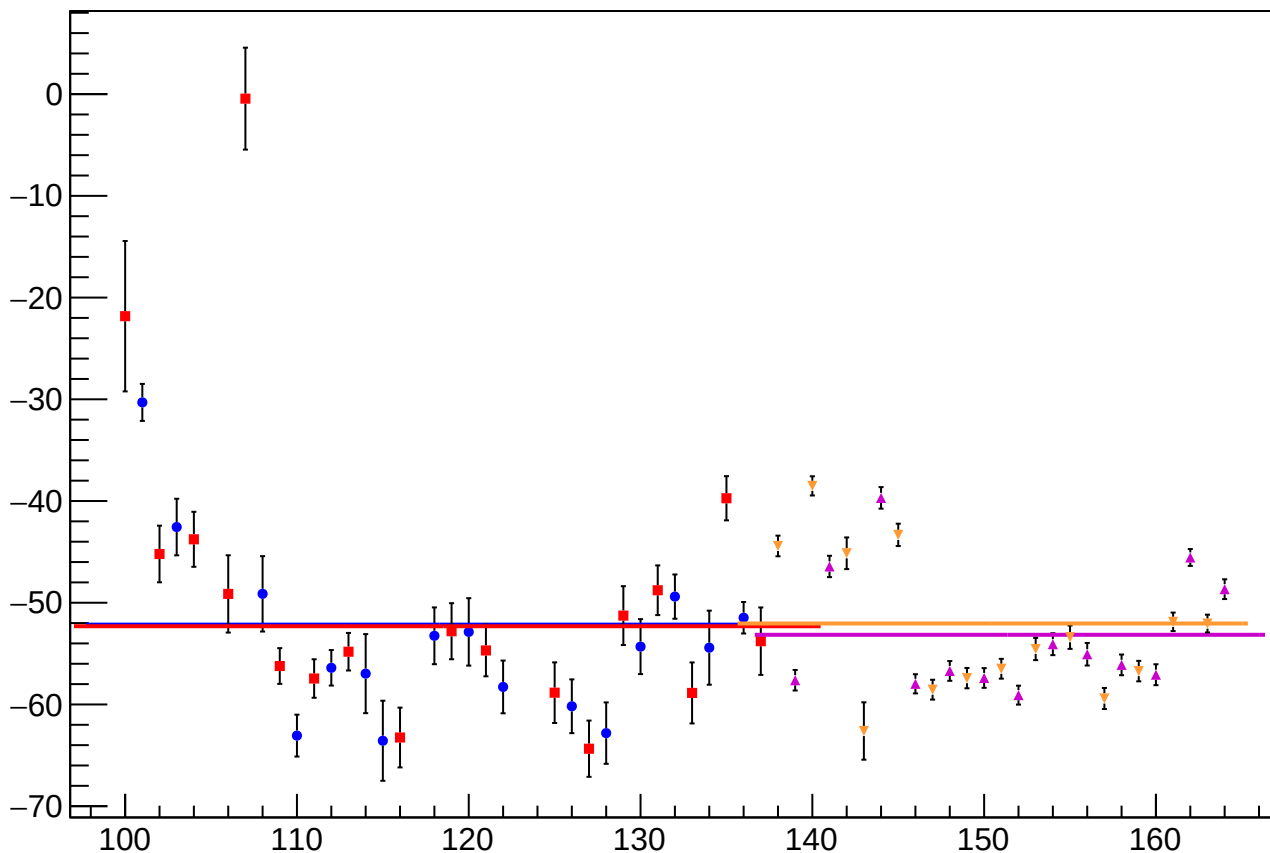
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.112 ± 0.171 $\chi^2/\text{NDF}: 192.2/28$

Out: 0.349 ± 0.173 $\chi^2/\text{NDF}: 234.1/31$

All: 0.229 ± 0.122 $\chi^2/\text{NDF}: 427.3/60$

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: -52.041 ± 0.282 χ^2/NDF : 531.3/13

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -53.151 ± 0.274 χ^2/NDF : 453.5/12

Left: -52.611 ± 0.197 χ^2/NDF : 992.8/26

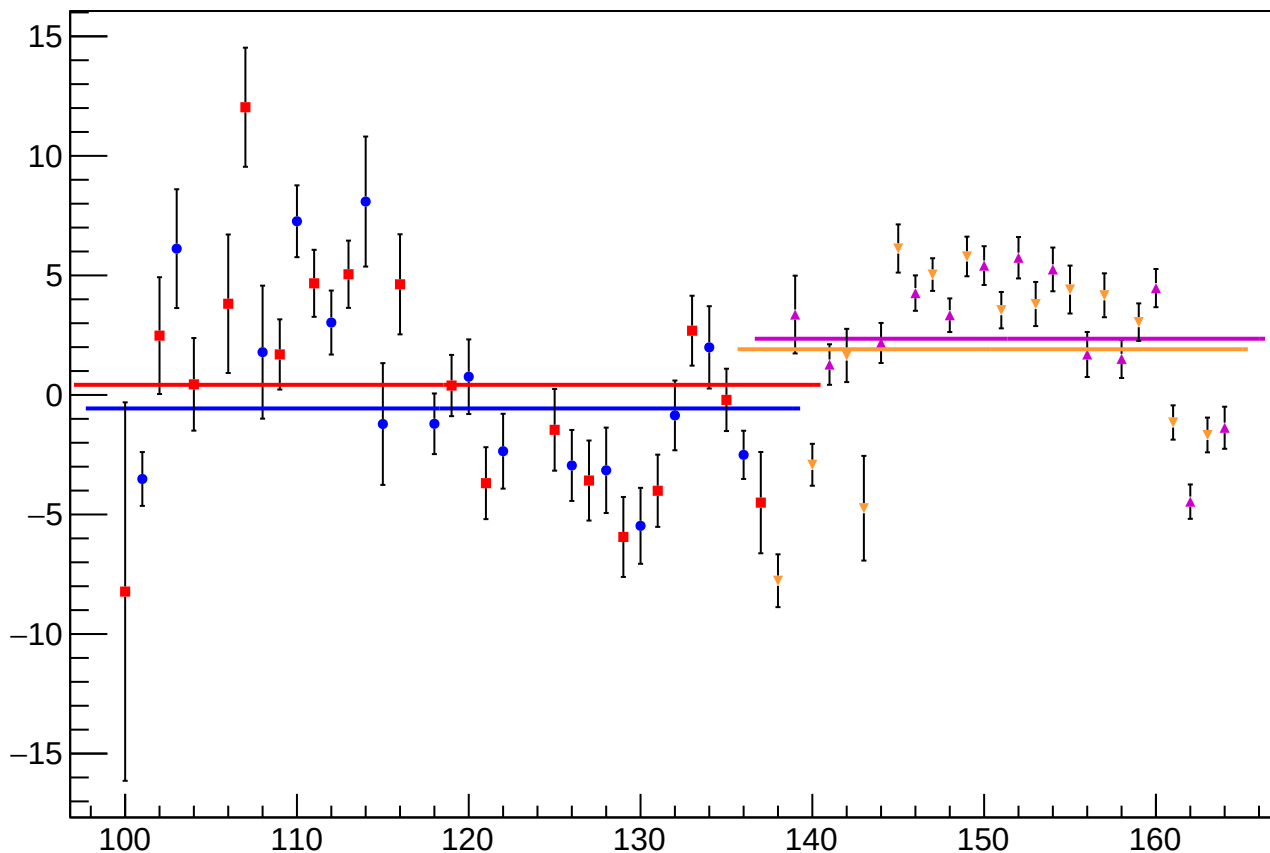
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.984 ± 0.250 χ^2/NDF : 686.8/28

Out: -52.088 ± 0.256 χ^2/NDF : 766.3/31

All: -52.547 ± 0.179 χ^2/NDF : 1459.4/60

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: 1.911 ± 0.234 χ^2/NDF : 242.5/13

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 2.351 ± 0.232 χ^2/NDF : 166.6/12

Left: 2.133 ± 0.165 χ^2/NDF : 410.9/26

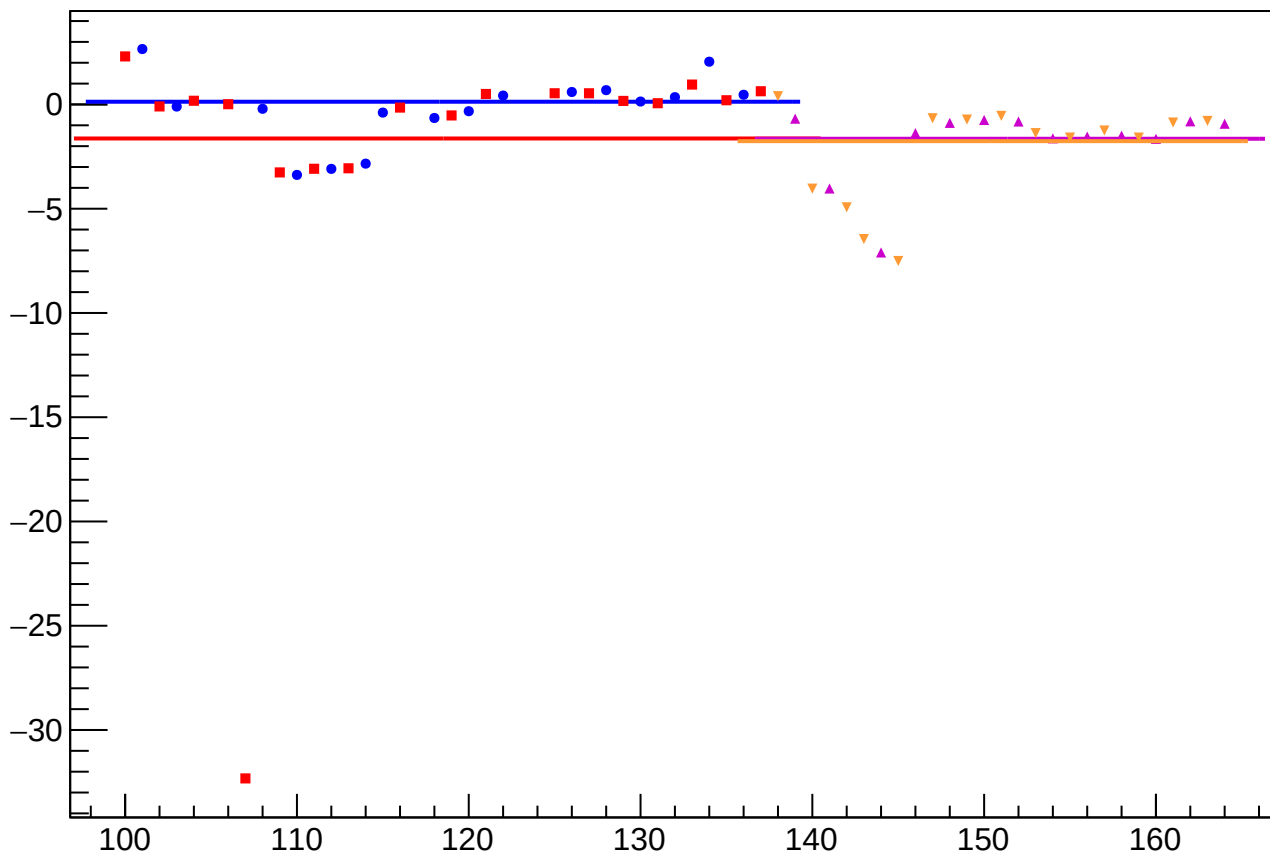
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.572 ± 0.199 χ^2/NDF : 290.6/28

Out: 1.531 ± 0.202 χ^2/NDF : 348.1/31

All: 1.552 ± 0.142 χ^2/NDF : 638.7/60

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -1.760 ± 0.011 $\chi^2/\text{NDF}: 31833.7/13$

Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$

Left In: -1.645 ± 0.011 $\chi^2/\text{NDF}: 20107.9/12$

Left: -1.701 ± 0.008 $\chi^2/\text{NDF}: 51997.3/26$

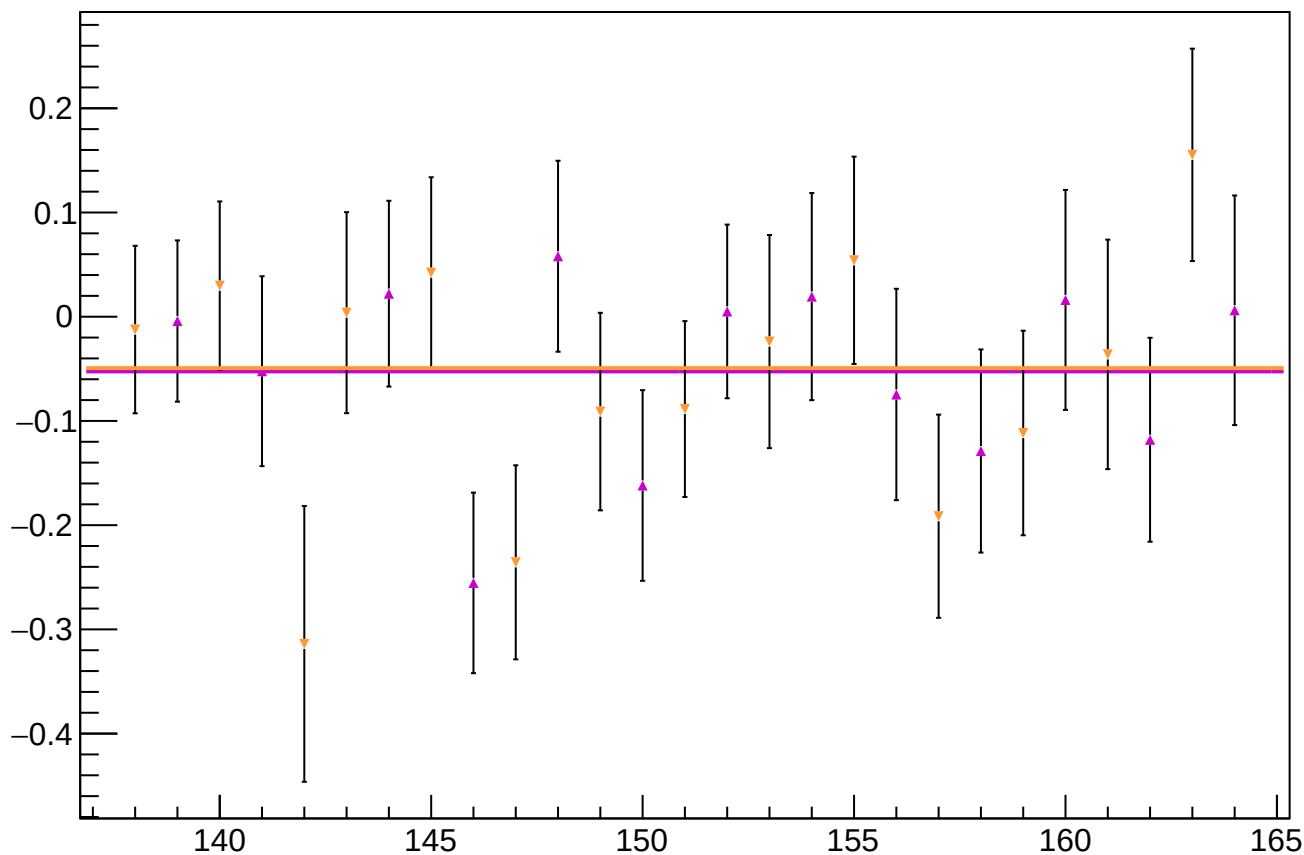
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$

In: -1.291 ± 0.010 $\chi^2/\text{NDF}: 30791.1/28$

Out: -1.734 ± 0.010 $\chi^2/\text{NDF}: 109735.5/31$

All: -1.507 ± 0.007 $\chi^2/\text{NDF}: 141564.5/60$

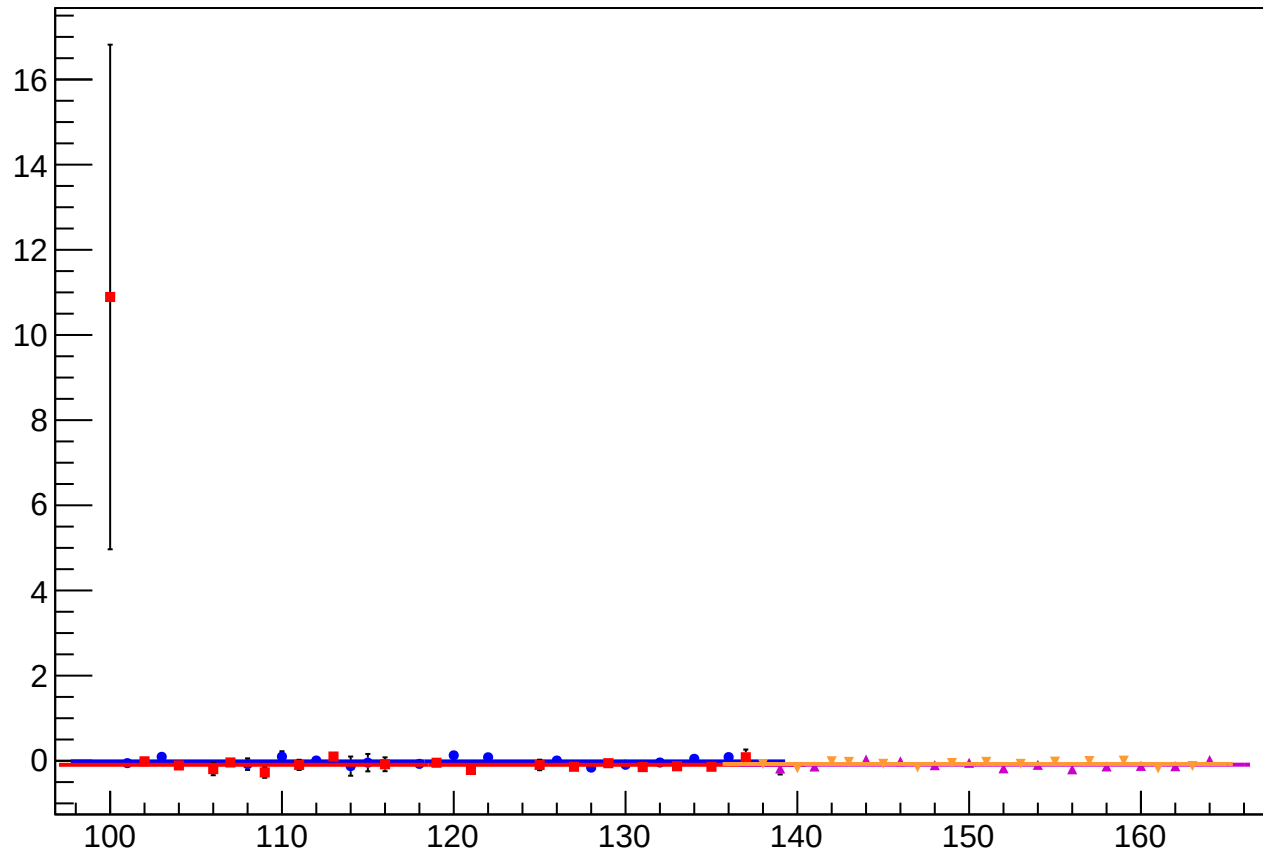
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.049 $\pm$ 0.025 χ^2 /NDF:18.6/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.052 $\pm$ 0.026 χ^2 /NDF:12.3/12

Left: -0.051 $\pm$ 0.018 χ^2 /NDF: 30.9/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.052 $\pm$ 0.026 χ^2 /NDF:12.3/12
 Out: -0.049 $\pm$ 0.025 χ^2 /NDF:18.6/13
 All: -0.051 $\pm$ 0.018 χ^2 /NDF: 30.9/26

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: -0.074 ± 0.018 χ^2/NDF : 13.0/13

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.091 ± 0.018 χ^2/NDF : 13.8/12

Left: -0.082 ± 0.013 χ^2/NDF : 27.2/26

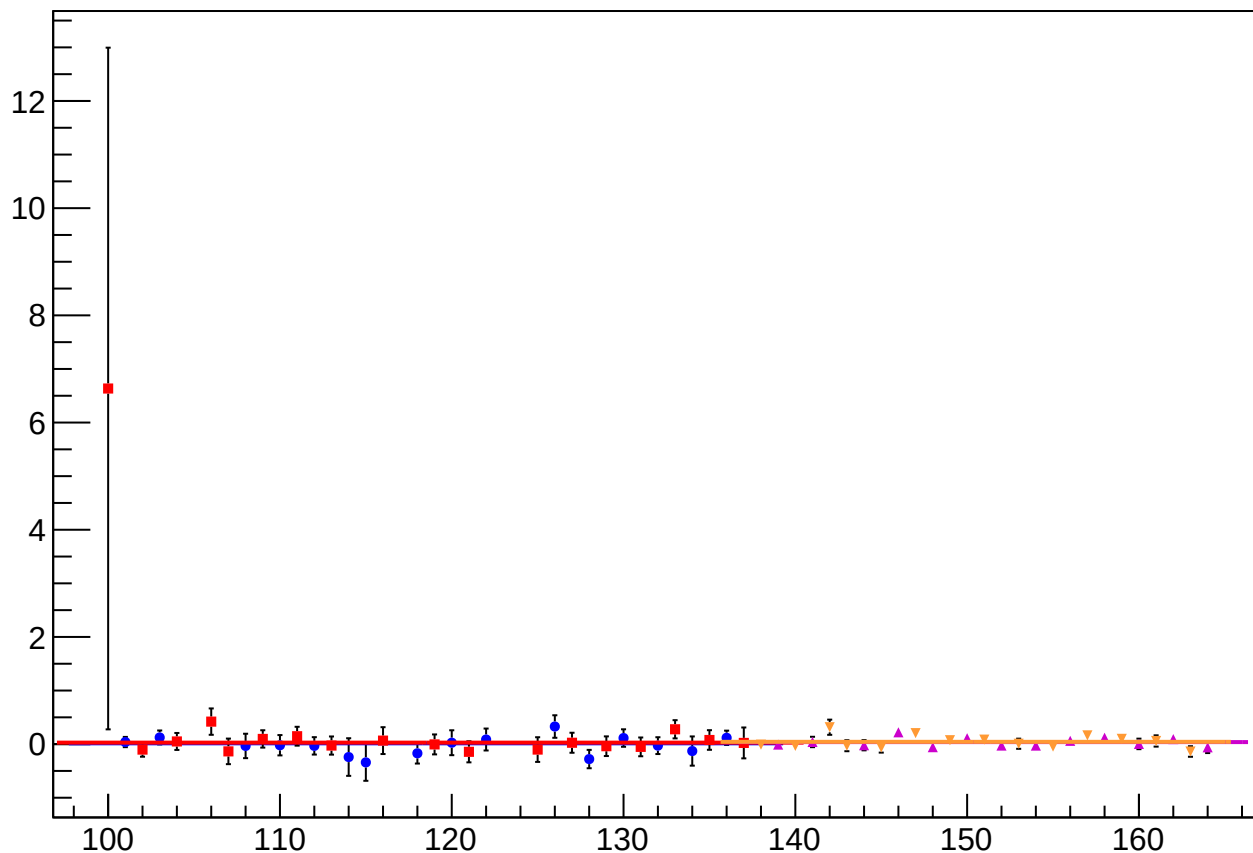
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.062 ± 0.014 χ^2/NDF : 33.0/28

Out: -0.081 ± 0.014 χ^2/NDF : 26.9/31

All: -0.071 ± 0.010 χ^2/NDF : 60.8/60

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: 0.043+/-0.025 χ^2/NDF :17.0/13

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.038+/-0.025 χ^2/NDF :10.8/12

Left: 0.041+/-0.018 χ^2/NDF : 27.8/26

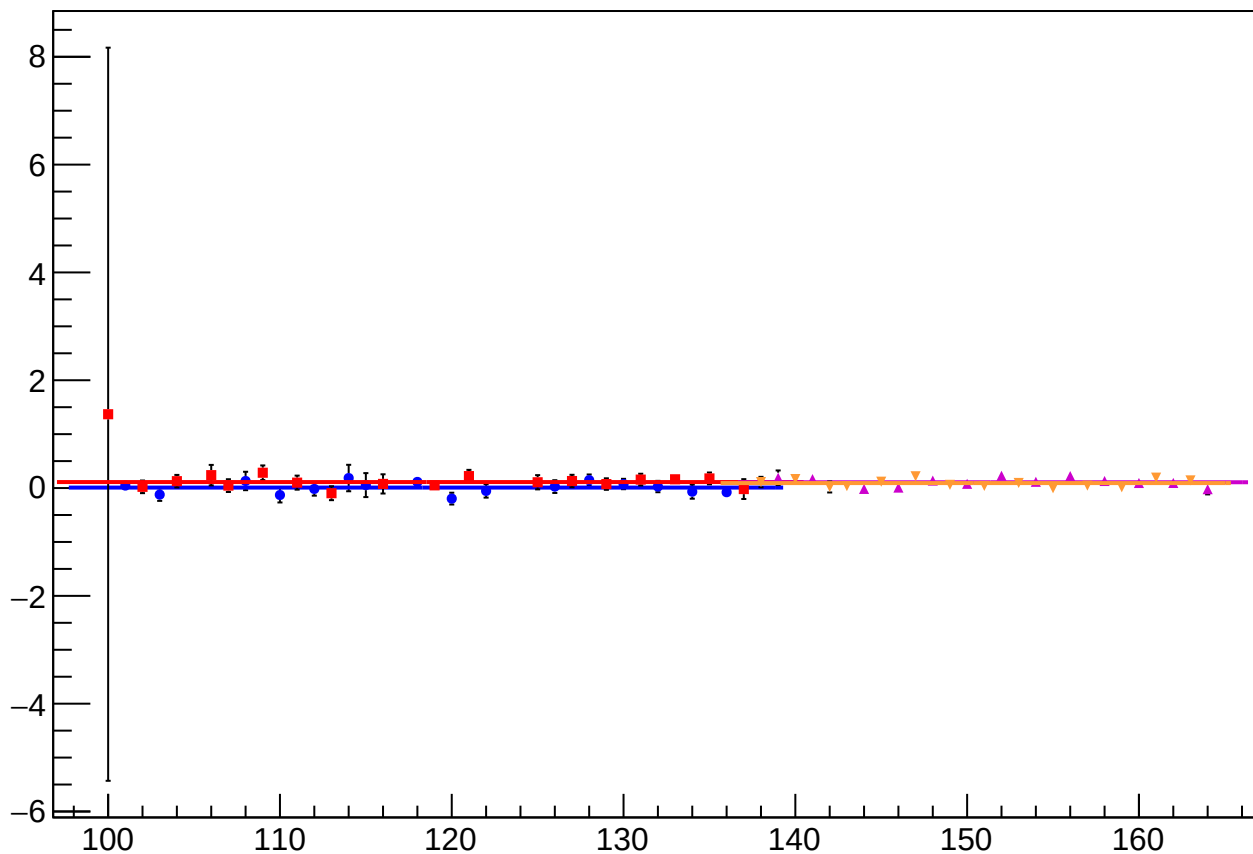
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.032+/-0.022 χ^2/NDF :21.1/28

Out: 0.039+/-0.022 χ^2/NDF :26.6/31

All: 0.036+/-0.015 χ^2/NDF : 47.8/60

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: 0.092 $\pm$ 0.021 χ^2 /NDF:12.0/13

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.108 $\pm$ 0.021 χ^2 /NDF:12.9/12

Left: 0.100 $\pm$ 0.015 χ^2 /NDF: 25.2/26

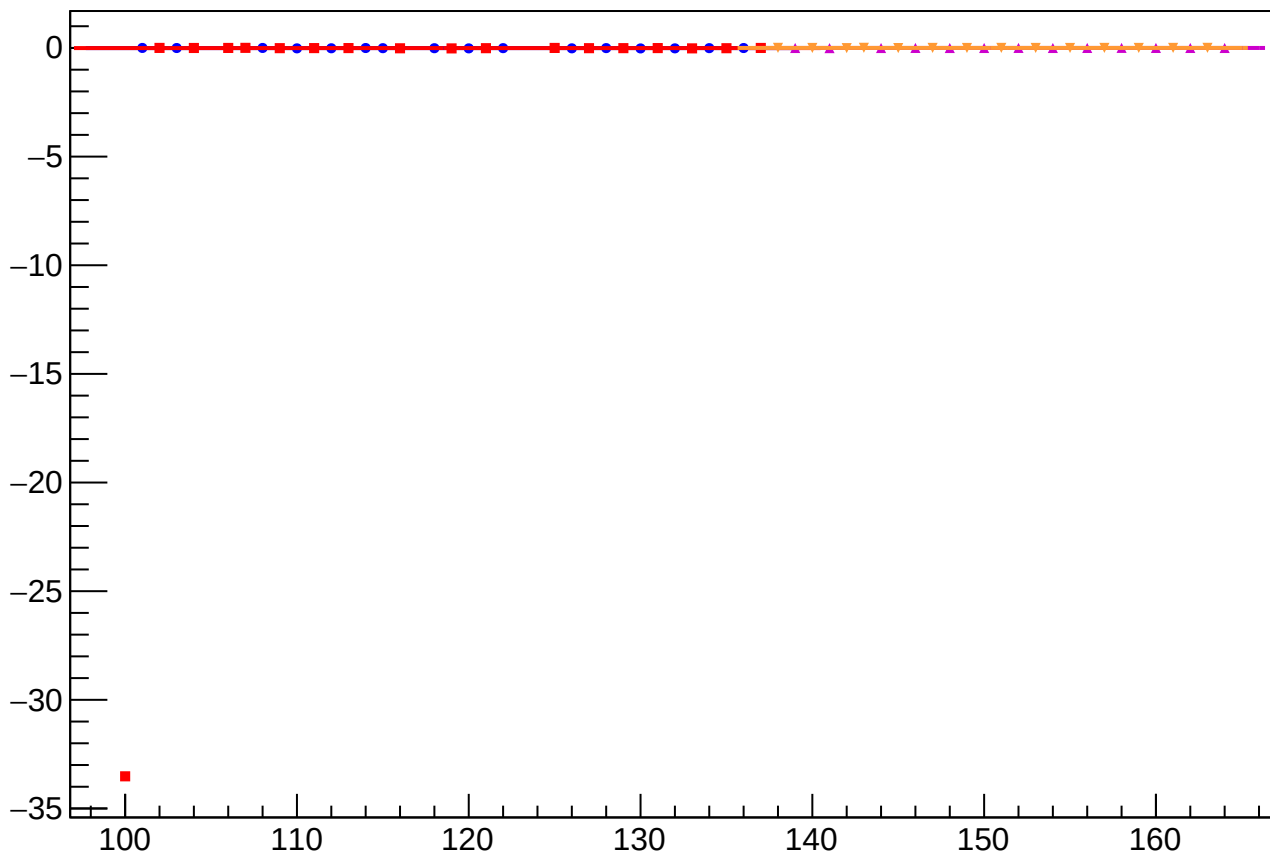
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.069 $\pm$ 0.017 χ^2 /NDF:33.8/28

Out: 0.099 $\pm$ 0.017 χ^2 /NDF:21.0/31

All: 0.084 $\pm$ 0.012 χ^2 /NDF: 56.3/60

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: 0.002 $\pm$ 0.001 χ^2 /NDF:10.1/13

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:7.4/12

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 18.9/26

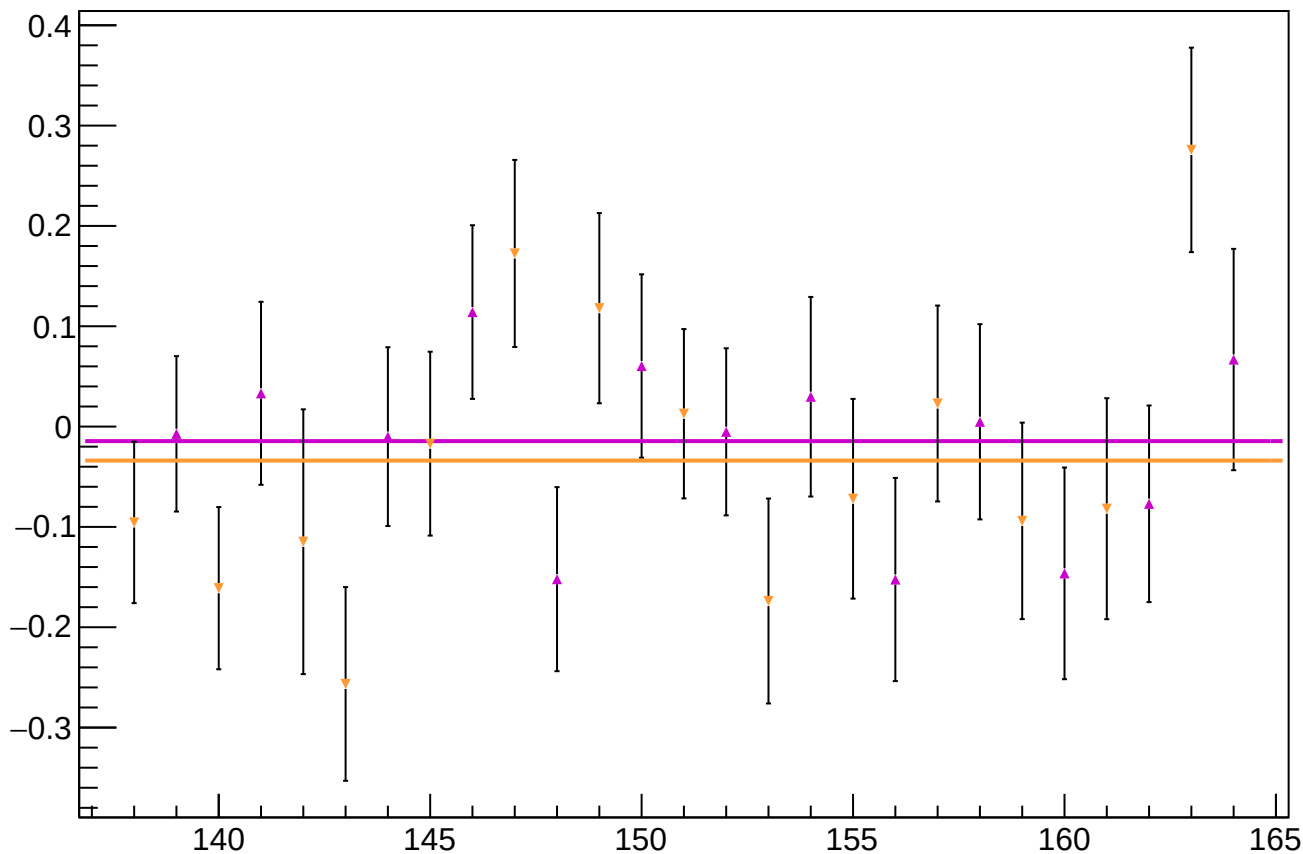
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.002 $\pm$ 0.001 χ^2 /NDF:40.2/28

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26538.3/31

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26579.3/60

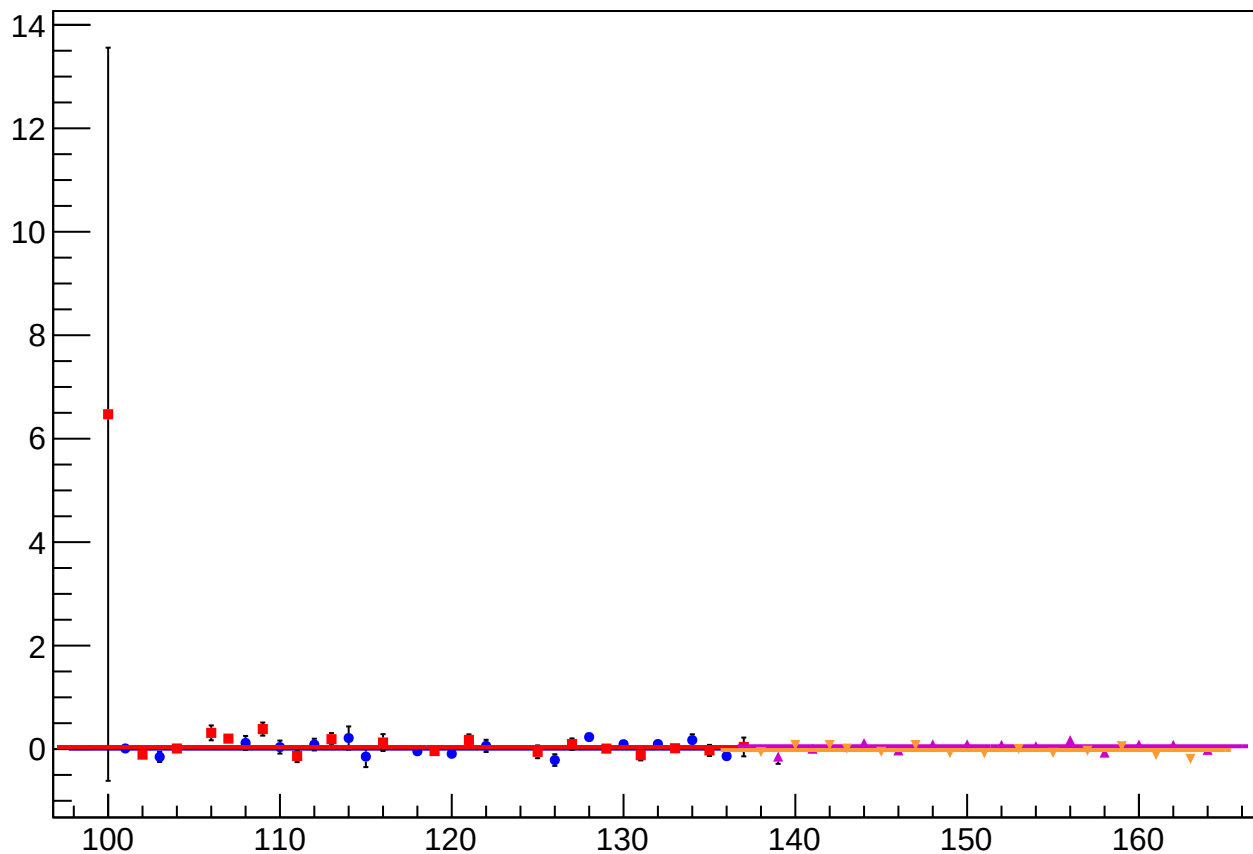
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.034 $\pm$ 0.025 χ^2 /NDF:28.7/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.014 $\pm$ 0.026 χ^2 /NDF:10.0/12

Left: -0.024 $\pm$ 0.018 χ^2 /NDF: 39.0/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.014 $\pm$ 0.026 χ^2 /NDF:10.0/12
 Out: -0.034 $\pm$ 0.025 χ^2 /NDF:28.7/13
 All: -0.024 $\pm$ 0.018 χ^2 /NDF: 39.0/26

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: -0.019 $\pm$ 0.018 χ^2 /NDF:19.5/13

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.054 $\pm$ 0.018 χ^2 /NDF:14.2/12

Left: 0.016 $\pm$ 0.013 χ^2 /NDF: 42.1/26

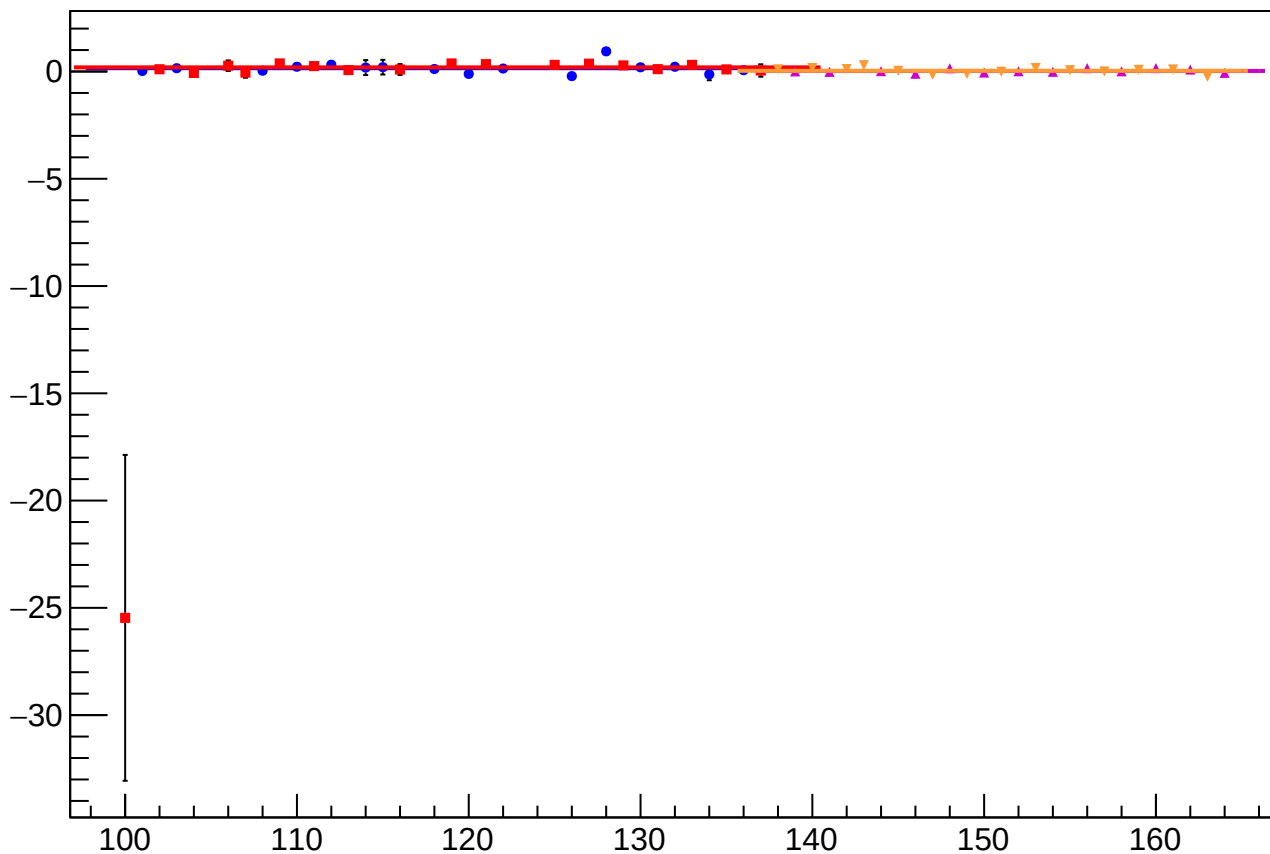
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.037 $\pm$ 0.014 χ^2 /NDF:40.3/28

Out: 0.001 $\pm$ 0.014 χ^2 /NDF:51.6/31

All: 0.019 $\pm$ 0.010 χ^2 /NDF: 95.1/60

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: 0.033 $\pm$ 0.025 χ^2 /NDF:28.4/13

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: 0.026 $\pm$ 0.025 χ^2 /NDF:10.6/12

Left: 0.029 $\pm$ 0.018 χ^2 /NDF: 39.1/26

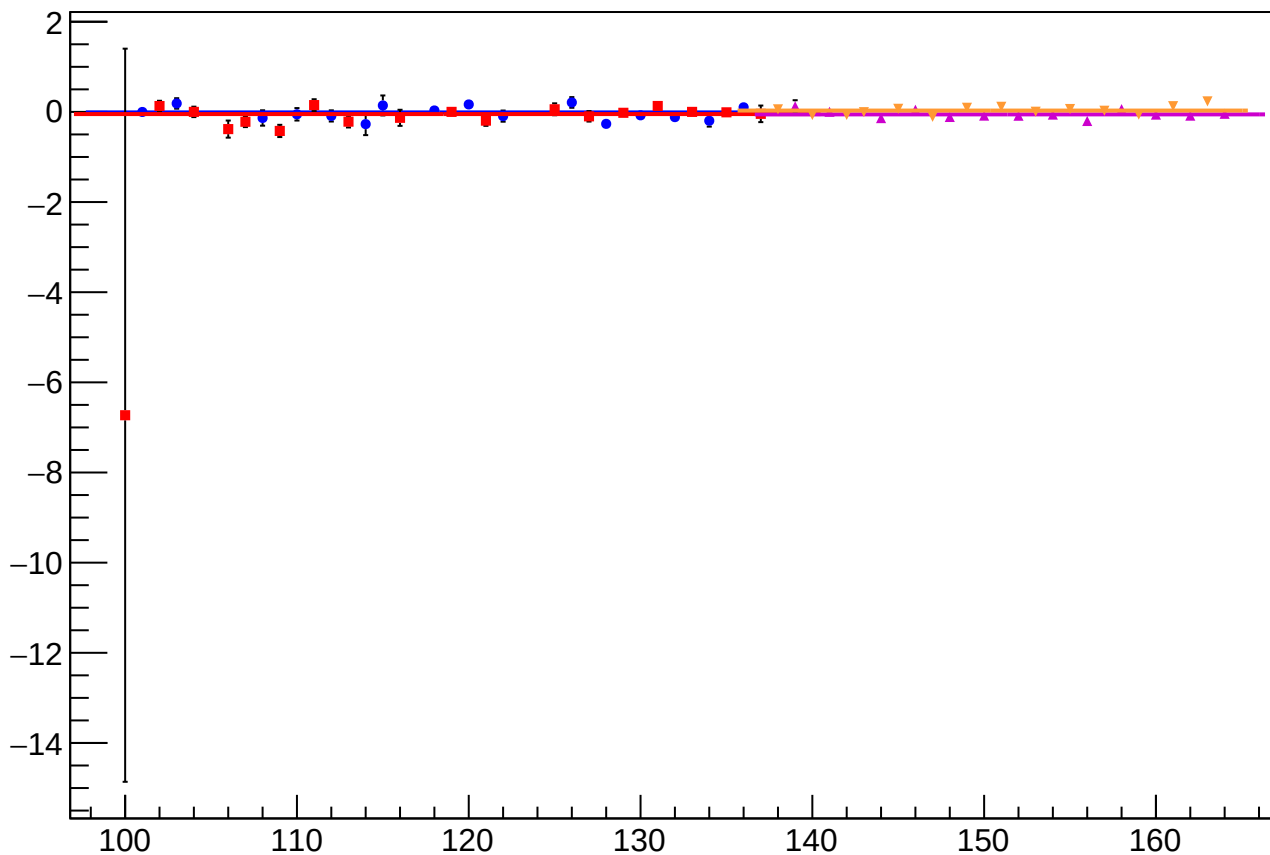
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.058 $\pm$ 0.022 χ^2 /NDF:47.8/28

Out: 0.071 $\pm$ 0.022 χ^2 /NDF:60.1/31

All: 0.064 $\pm$ 0.015 χ^2 /NDF: 108.1/60

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.030 ± 0.021 χ^2/NDF : 20.2/13

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.055 ± 0.021 χ^2/NDF : 13.4/12

Left: -0.012 ± 0.015 χ^2/NDF : 41.8/26

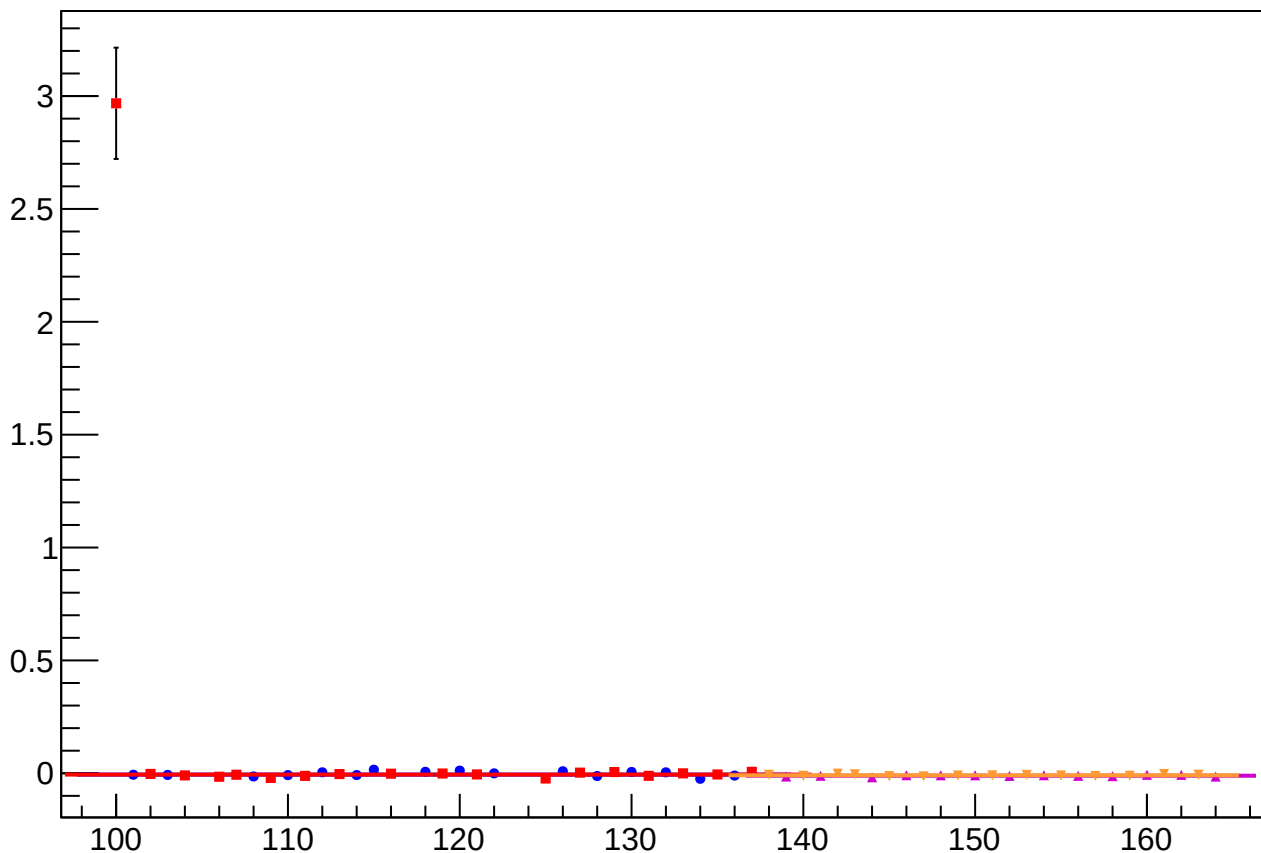
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.038 ± 0.017 χ^2/NDF : 38.5/28

Out: 0.003 ± 0.017 χ^2/NDF : 51.3/31

All: -0.018 ± 0.012 χ^2/NDF : 92.8/60

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: -0.009 ± 0.001 χ^2/NDF : 10.3/13

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.011 ± 0.001 χ^2/NDF : 9.1/12

Left: -0.010 ± 0.001 χ^2/NDF : 21.1/26

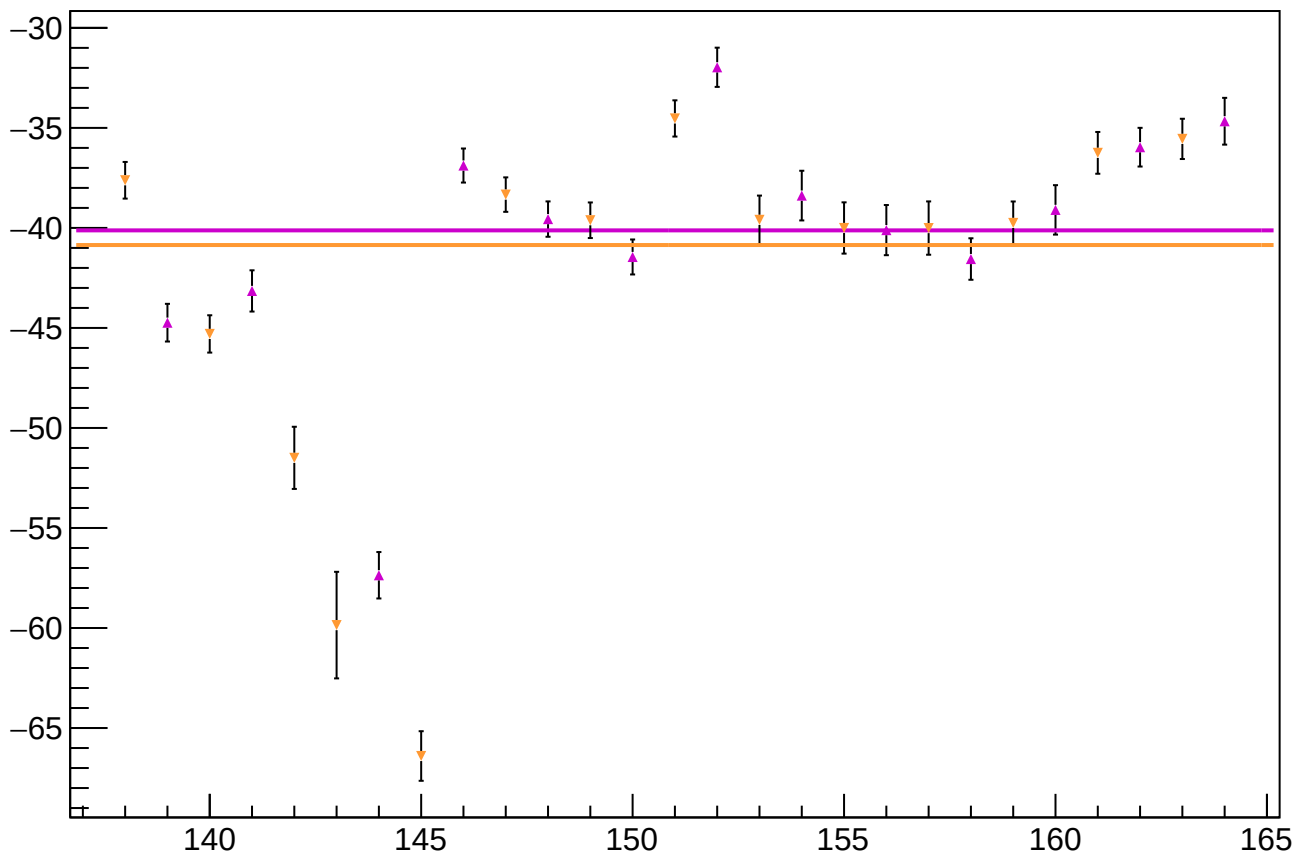
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 45.6/28

Out: -0.008 ± 0.001 χ^2/NDF : 178.7/31

All: -0.009 ± 0.001 χ^2/NDF : 225.5/60

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



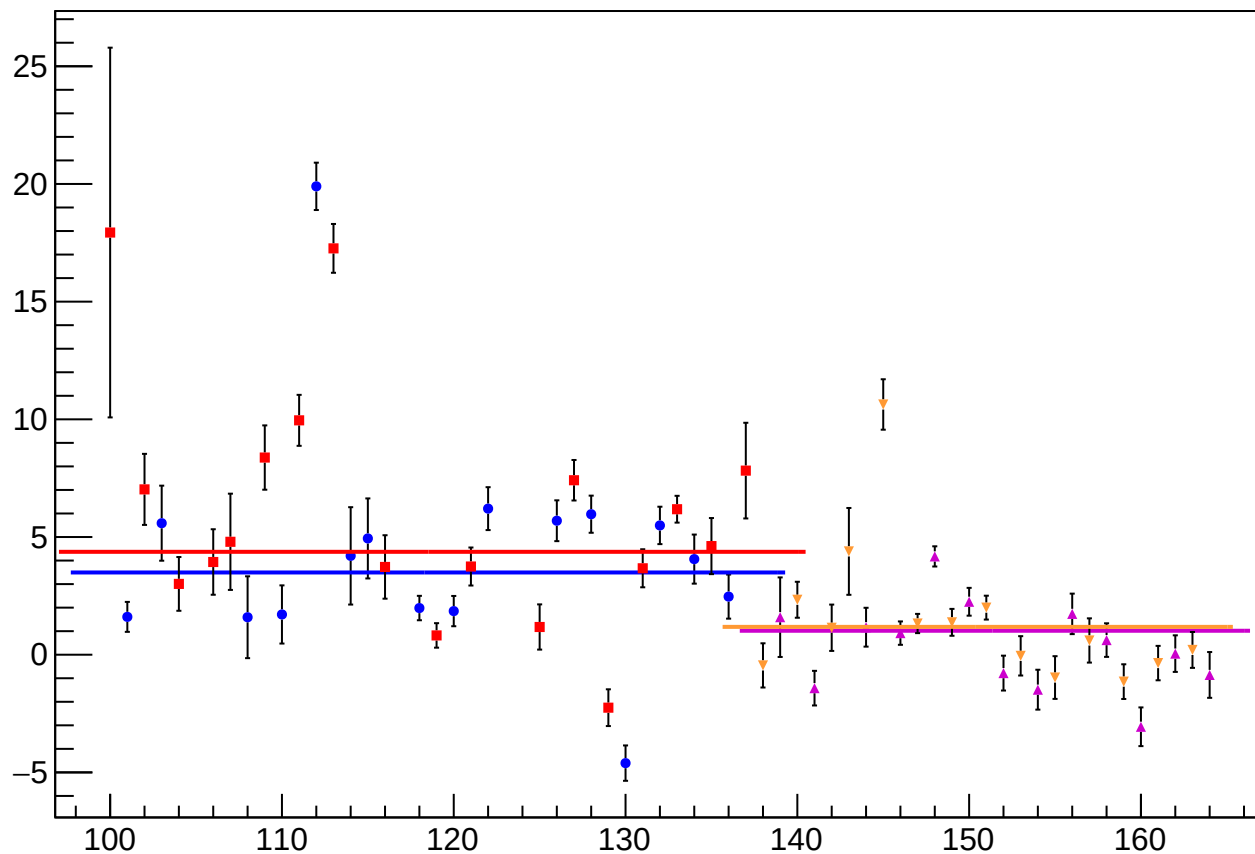
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.856+/-0.289 χ^2/NDF :667.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.123+/-0.283 χ^2/NDF :384.6/12

Left: -40.482+/-0.202 χ^2/NDF : 1055.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.123+/-0.283 χ^2/NDF :384.6/12
 Out: -40.856+/-0.289 χ^2/NDF :667.1/13

All: -40.482+/-0.202 χ^2/NDF : 1055.0/26

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.183 ± 0.192 $\chi^2/\text{NDF}: 113.2/13$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 1.018 ± 0.193 $\chi^2/\text{NDF}: 115.3/12$

Left: 1.101 ± 0.136 $\chi^2/\text{NDF}: 228.8/26$

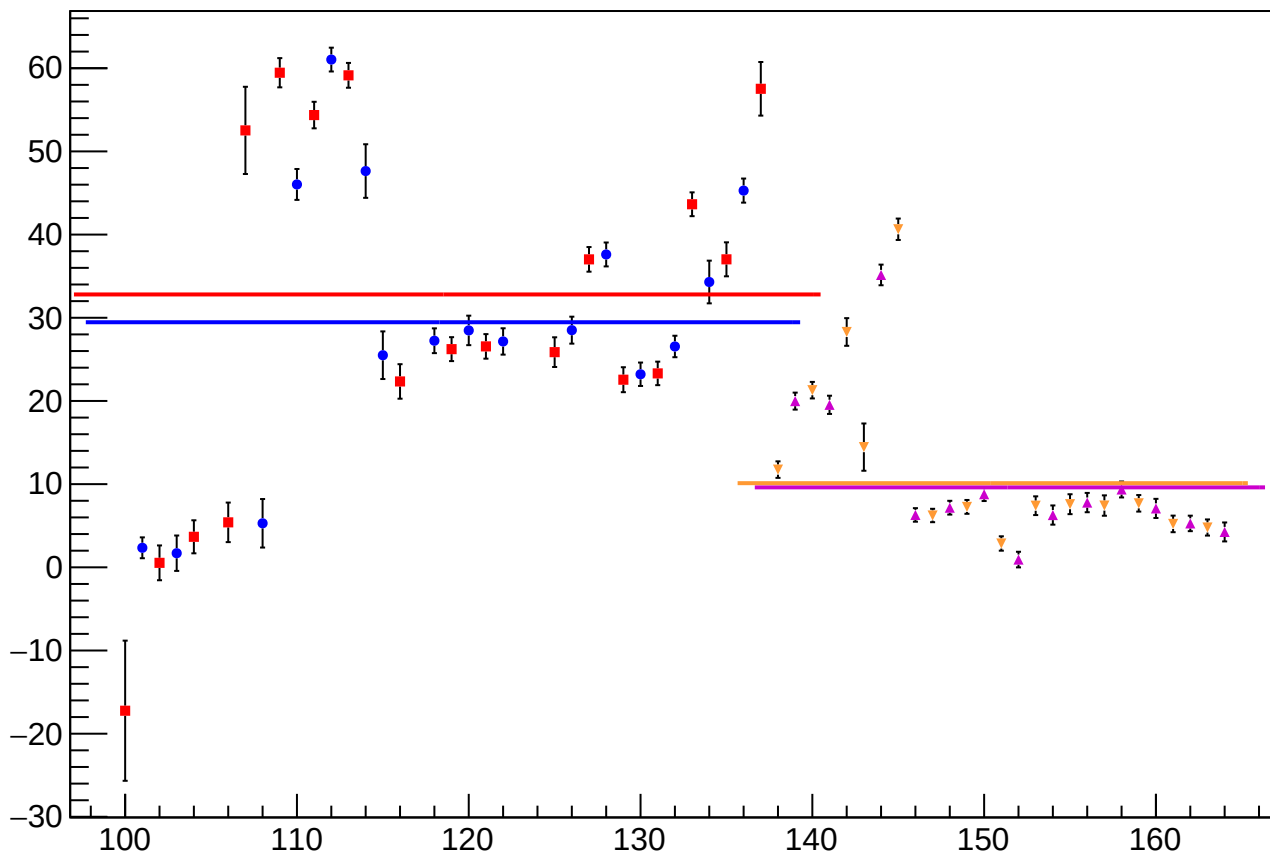
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.110 ± 0.145 $\chi^2/\text{NDF}: 632.5/28$

Out: 2.523 ± 0.146 $\chi^2/\text{NDF}: 583.3/31$

All: 2.314 ± 0.103 $\chi^2/\text{NDF}: 1219.8/60$

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: 10.117 $\pm$ 0.281 χ^2 /NDF: 994.8/13

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 9.612 $\pm$ 0.274 χ^2 /NDF: 780.0/12

Left: 9.858 $\pm$ 0.196 χ^2 /NDF: 1776.4/26

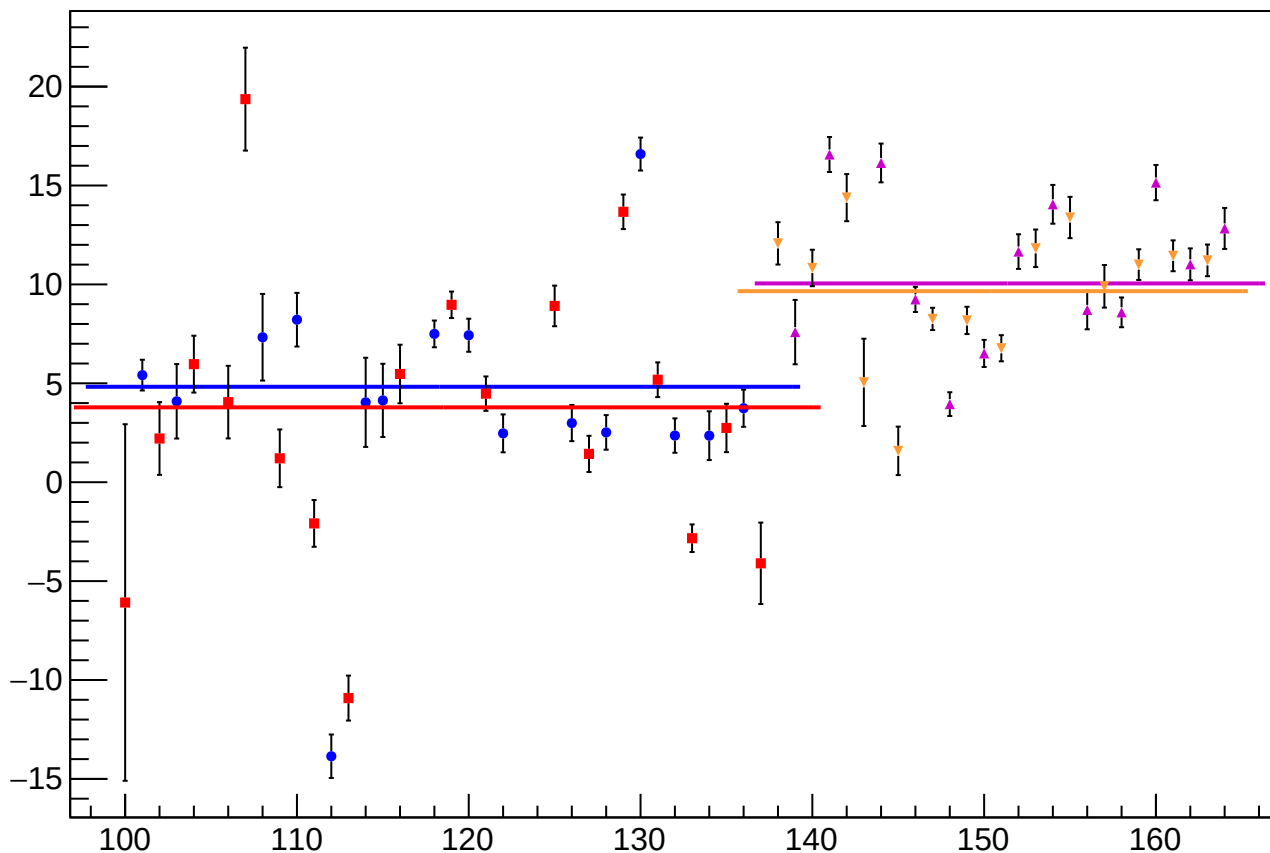
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 15.594 $\pm$ 0.229 χ^2 /NDF: 3850.9/28

Out: 17.060 $\pm$ 0.234 χ^2 /NDF: 4651.0/31

All: 16.312 $\pm$ 0.164 χ^2 /NDF: 8522.0/60

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: 9.658 ± 0.230 $\chi^2/\text{NDF}: 130.2/13$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 10.049 ± 0.230 $\chi^2/\text{NDF}: 294.1/12$

Left: 9.854 ± 0.162 $\chi^2/\text{NDF}: 425.8/26$

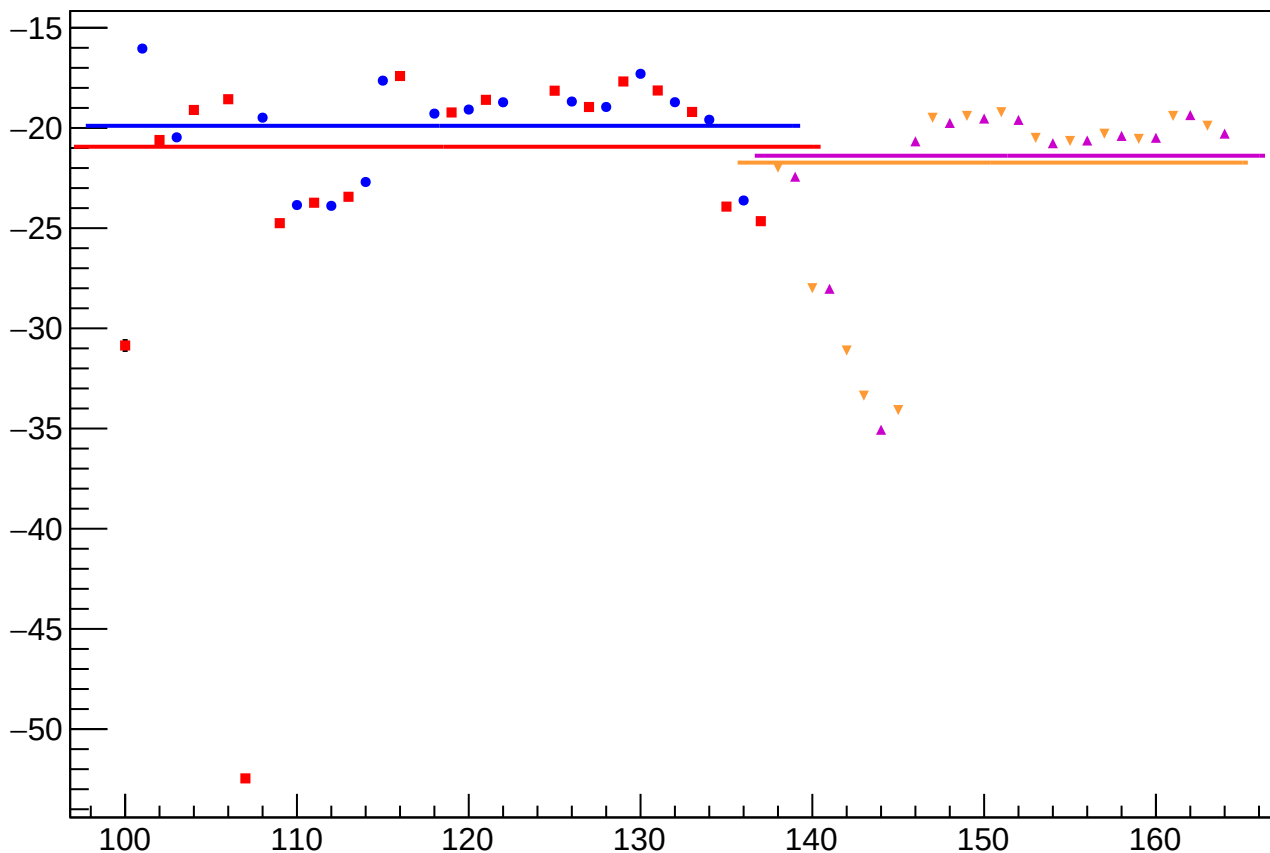
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.675 ± 0.170 $\chi^2/\text{NDF}: 1082.3/28$

Out: 7.069 ± 0.172 $\chi^2/\text{NDF}: 983.0/31$

All: 7.376 ± 0.121 $\chi^2/\text{NDF}: 2071.6/60$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -21.728 ± 0.011 χ^2/NDF : 132178.3/13

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -21.385 ± 0.011 χ^2/NDF : 99461.4/12

Left: -21.552 ± 0.008 χ^2/NDF : 232126.1/26

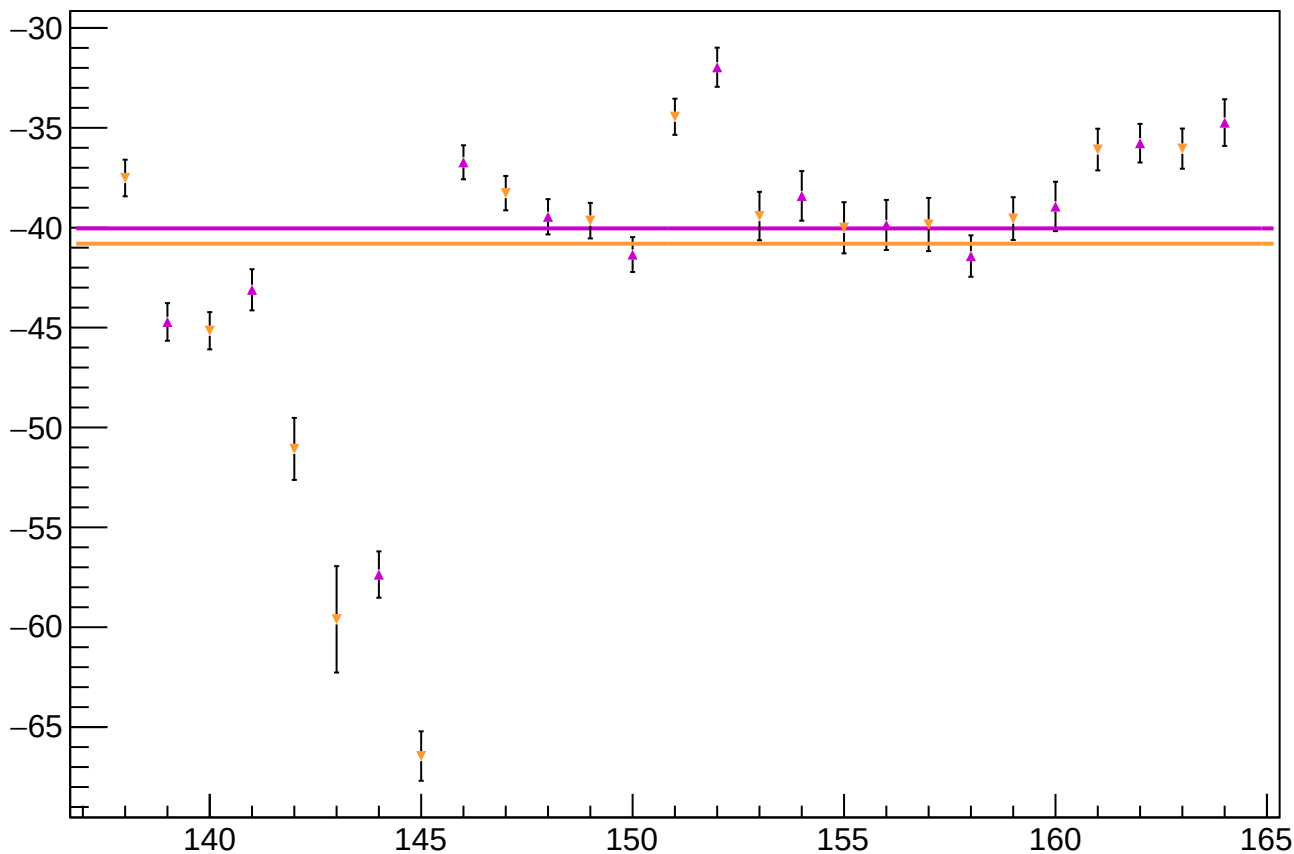
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -20.899 ± 0.009 χ^2/NDF : 131741.7/28

Out: -21.463 ± 0.009 χ^2/NDF : 227993.4/31

All: -21.175 ± 0.006 χ^2/NDF : 361696.5/60

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



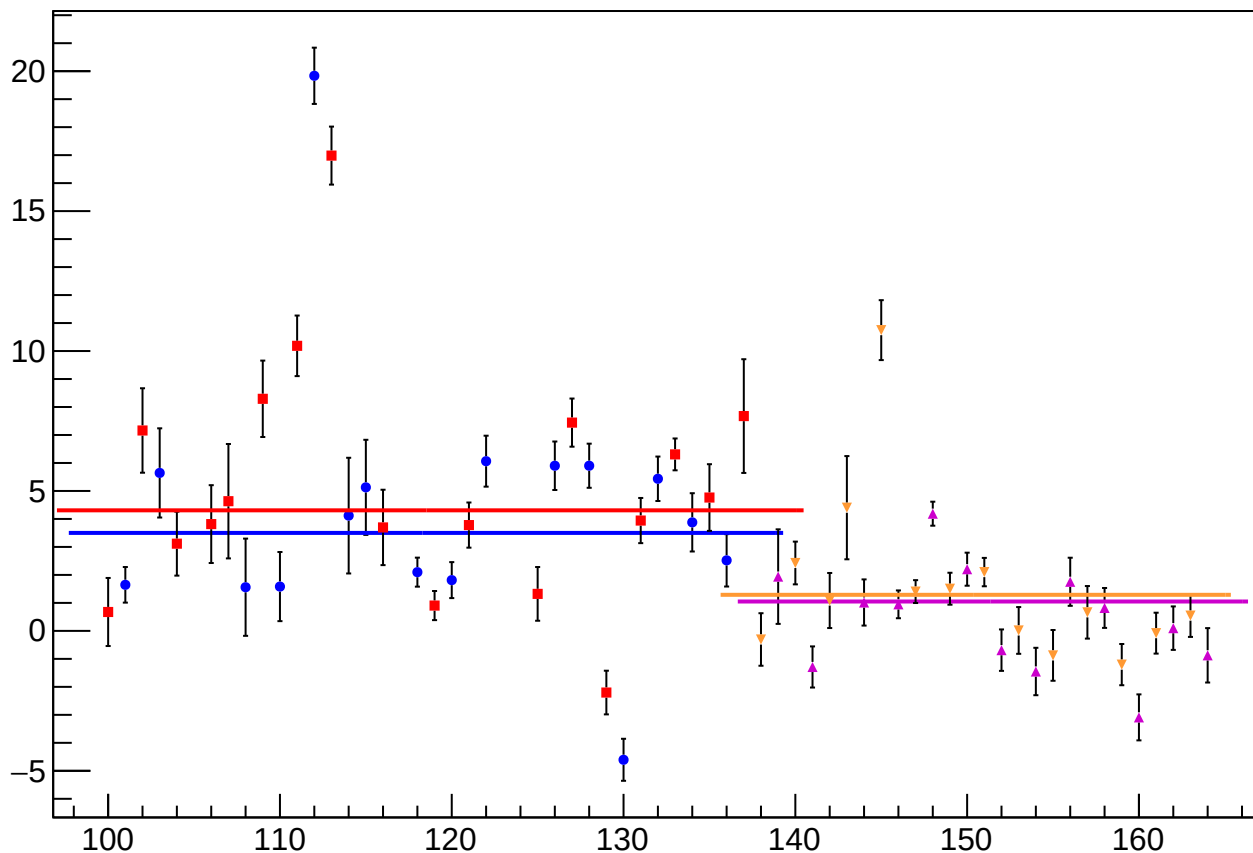
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.800+/-0.288 χ^2/NDF :663.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.036+/-0.283 χ^2/NDF :386.8/12

Left: -40.411+/-0.202 χ^2/NDF : 1053.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.036+/-0.283 χ^2/NDF :386.8/12
 Out: -40.800+/-0.288 χ^2/NDF :663.0/13

All: -40.411+/-0.202 χ^2/NDF : 1053.4/26

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.289 ± 0.192 $\chi^2/\text{NDF}: 113.2/13$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.050 ± 0.193 $\chi^2/\text{NDF}: 113.6/12$

Left: 1.171 ± 0.136 $\chi^2/\text{NDF}: 227.6/26$

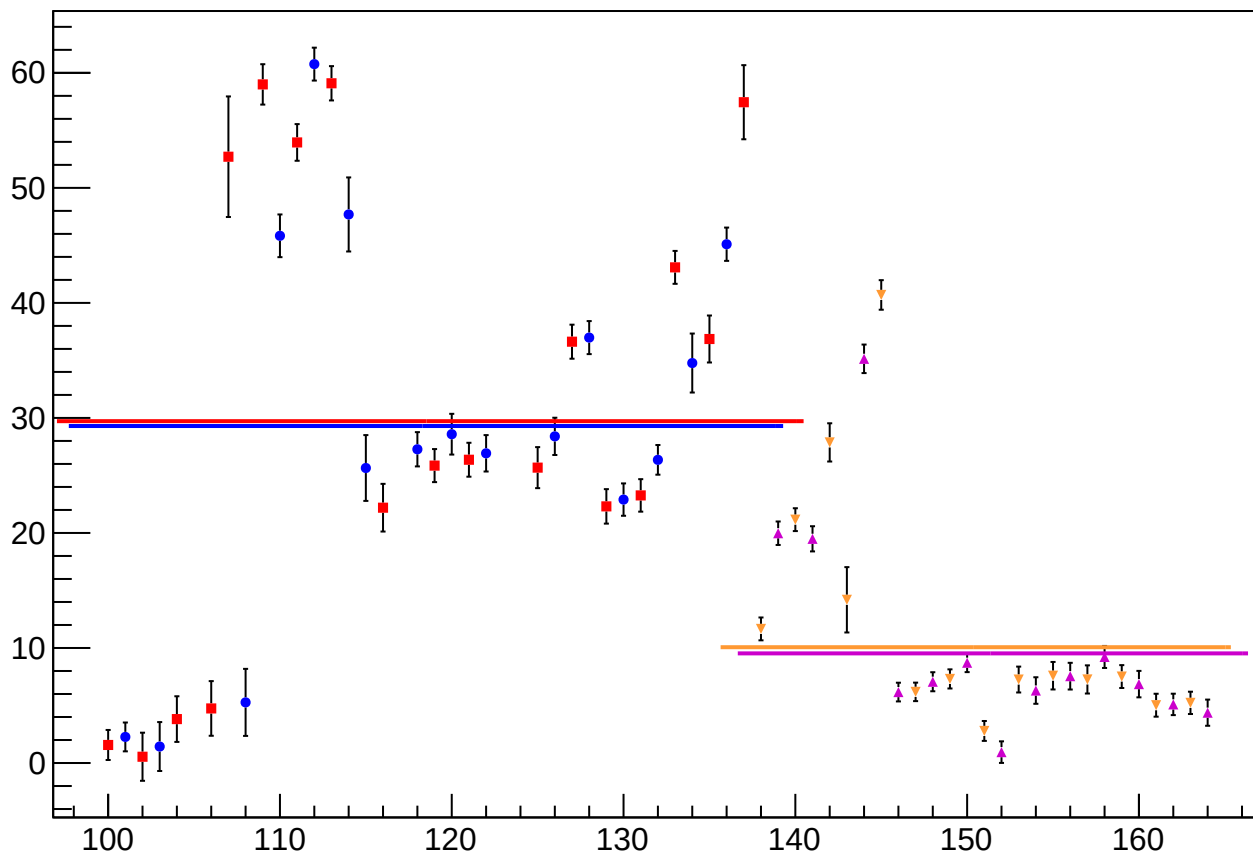
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.131 ± 0.144 $\chi^2/\text{NDF}: 626.5/28$

Out: 2.582 ± 0.145 $\chi^2/\text{NDF}: 572.3/31$

All: 2.356 ± 0.102 $\chi^2/\text{NDF}: 1203.6/60$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 10.067 ± 0.281 $\chi^2/\text{NDF}: 989.8/13$

Right Out: 29.719 ± 0.403 $\chi^2/\text{NDF}: 2128.9/17$

Left In: 9.530 ± 0.274 $\chi^2/\text{NDF}: 784.1/12$

Left: 9.792 ± 0.196 $\chi^2/\text{NDF}: 1775.8/26$

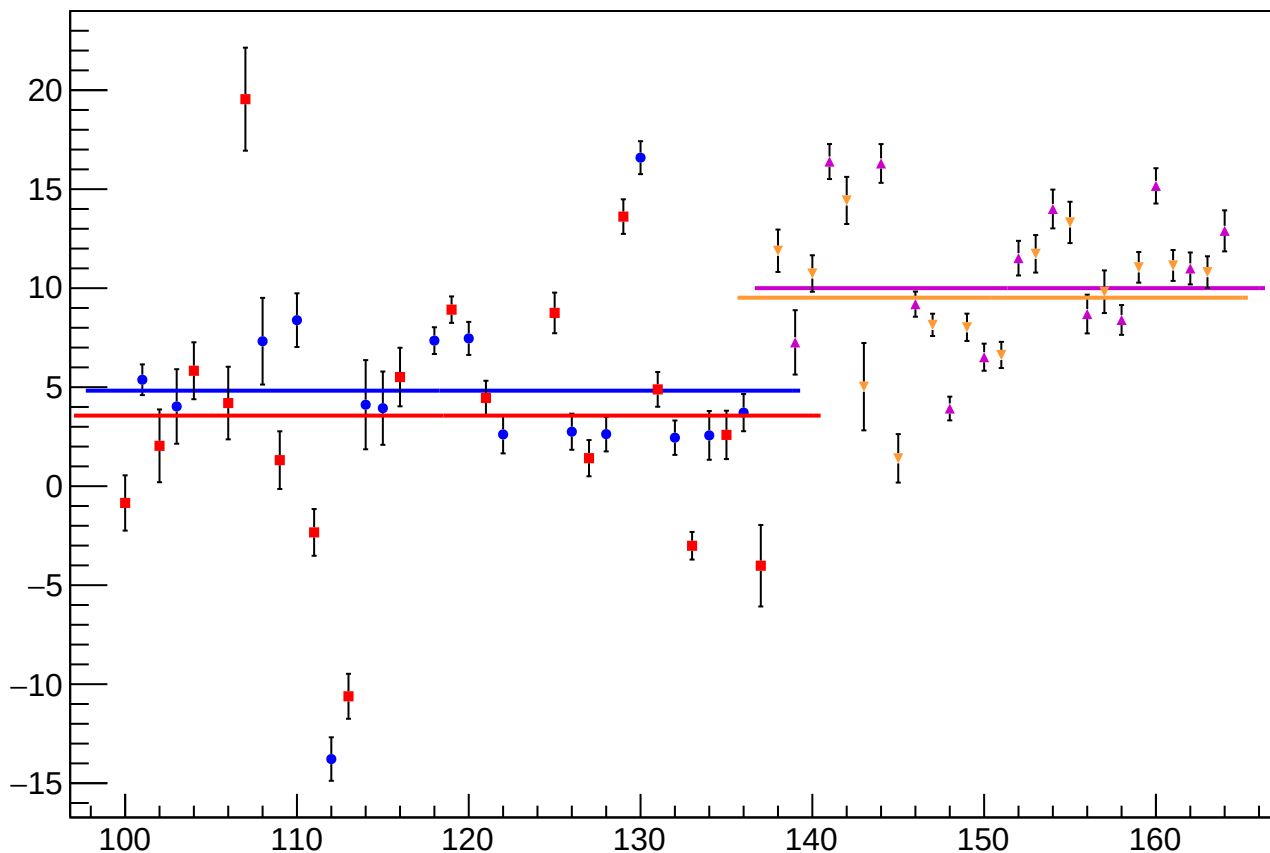
Right: 29.515 ± 0.290 $\chi^2/\text{NDF}: 3614.7/33$

In: 15.487 ± 0.229 $\chi^2/\text{NDF}: 3837.3/28$

Out: 16.497 ± 0.230 $\chi^2/\text{NDF}: 4722.2/31$

All: 15.989 ± 0.162 $\chi^2/\text{NDF}: 8569.1/60$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.519 ± 0.230 $\chi^2/\text{NDF}: 131.3/13$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 10.002 ± 0.230 $\chi^2/\text{NDF}: 296.0/12$

Left: 9.761 ± 0.162 $\chi^2/\text{NDF}: 429.5/26$

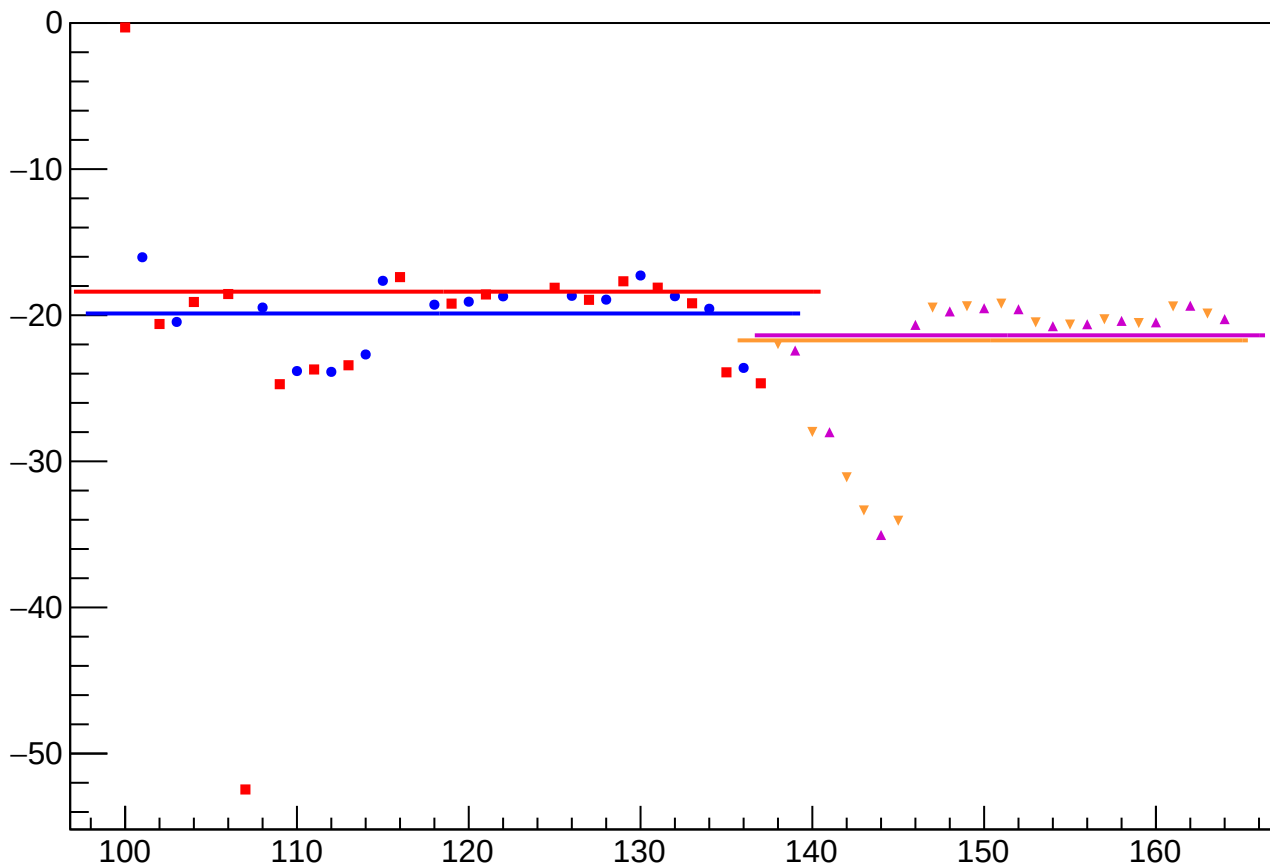
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 7.649 ± 0.170 $\chi^2/\text{NDF}: 1076.5/28$

Out: 6.846 ± 0.170 $\chi^2/\text{NDF}: 1003.4/31$

All: 7.250 ± 0.120 $\chi^2/\text{NDF}: 2091.1/60$

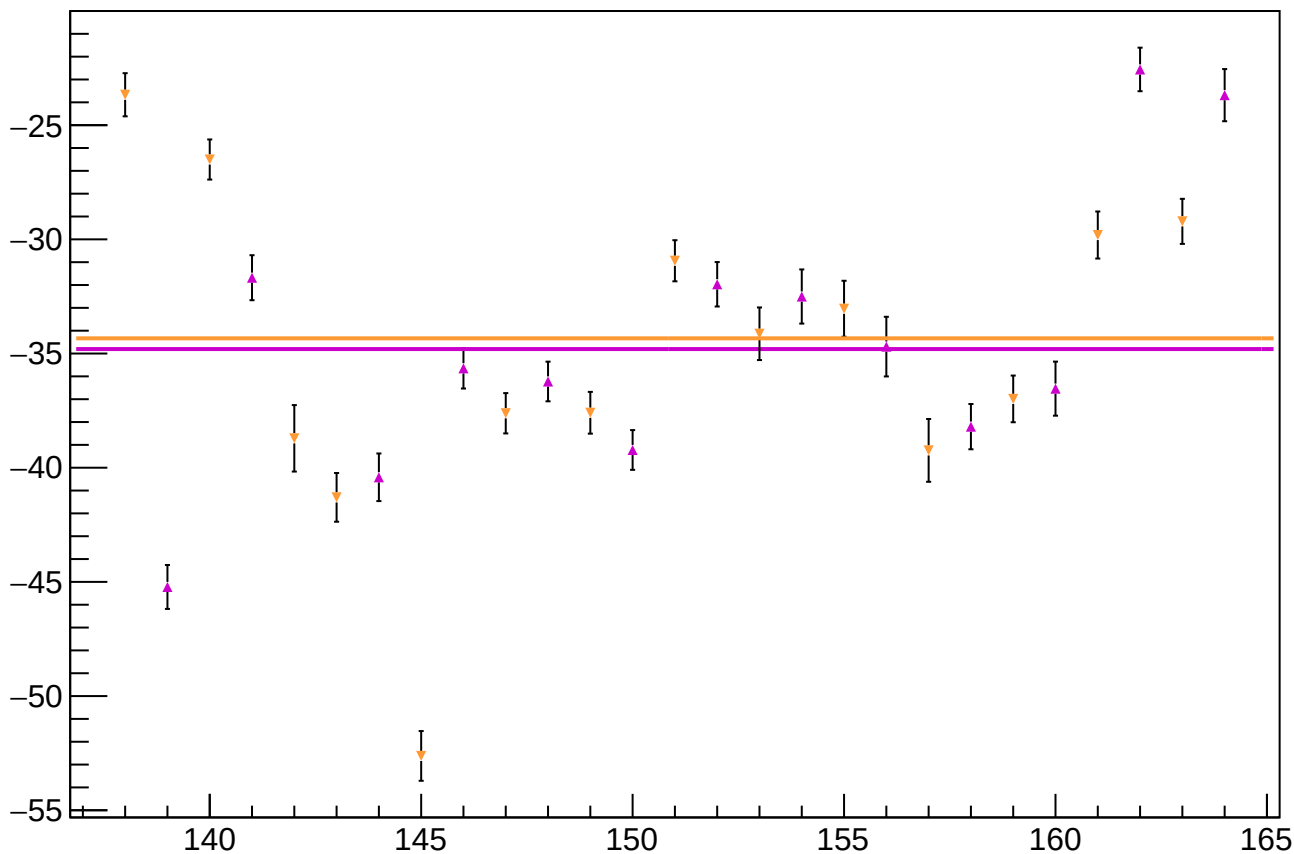
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -21.721 ± 0.011 $\chi^2/\text{NDF}: 132236.8/13$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.375 ± 0.011 $\chi^2/\text{NDF}: 99397.4/12$

Left: -21.543 ± 0.008 $\chi^2/\text{NDF}: 232129.8/26$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.889 ± 0.009 $\chi^2/\text{NDF}: 131690.2/28$
 Out: -20.507 ± 0.009 $\chi^2/\text{NDF}: 466019.5/31$
 All: -20.698 ± 0.006 $\chi^2/\text{NDF}: 598628.8/60$

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: -34.334+/-0.275 χ^2/NDF : 648.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.804+/-0.278 χ^2/NDF : 471.6/12

Left: -34.567+/-0.196 χ^2/NDF : 1121.3/26

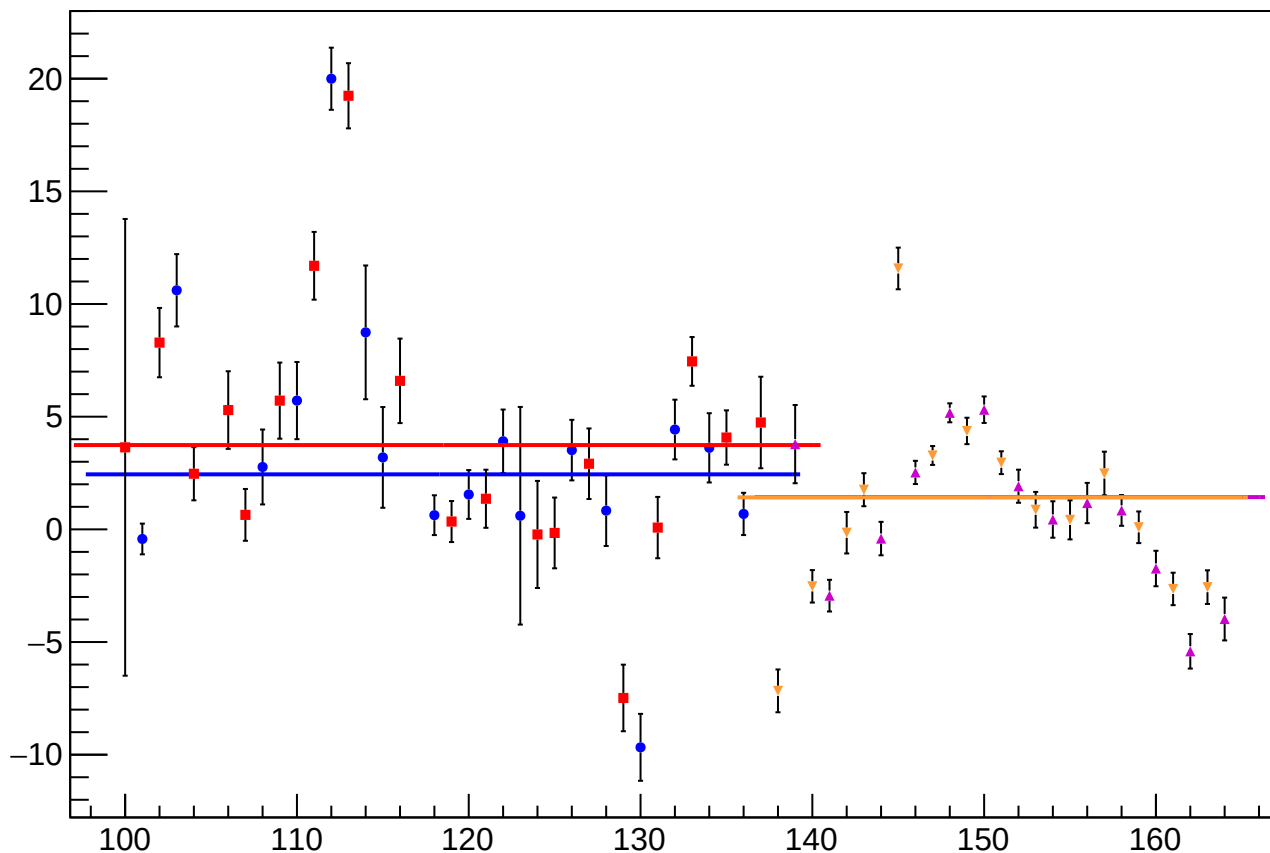
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.804+/-0.278 χ^2/NDF : 471.6/12

Out: -34.334+/-0.275 χ^2/NDF : 648.3/13

All: -34.567+/-0.196 χ^2/NDF : 1121.3/26

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: 1.420 ± 0.184 χ^2/NDF : 356.7/13

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 1.432 ± 0.190 χ^2/NDF : 304.7/12

Left: 1.426 ± 0.132 χ^2/NDF : 661.4/26

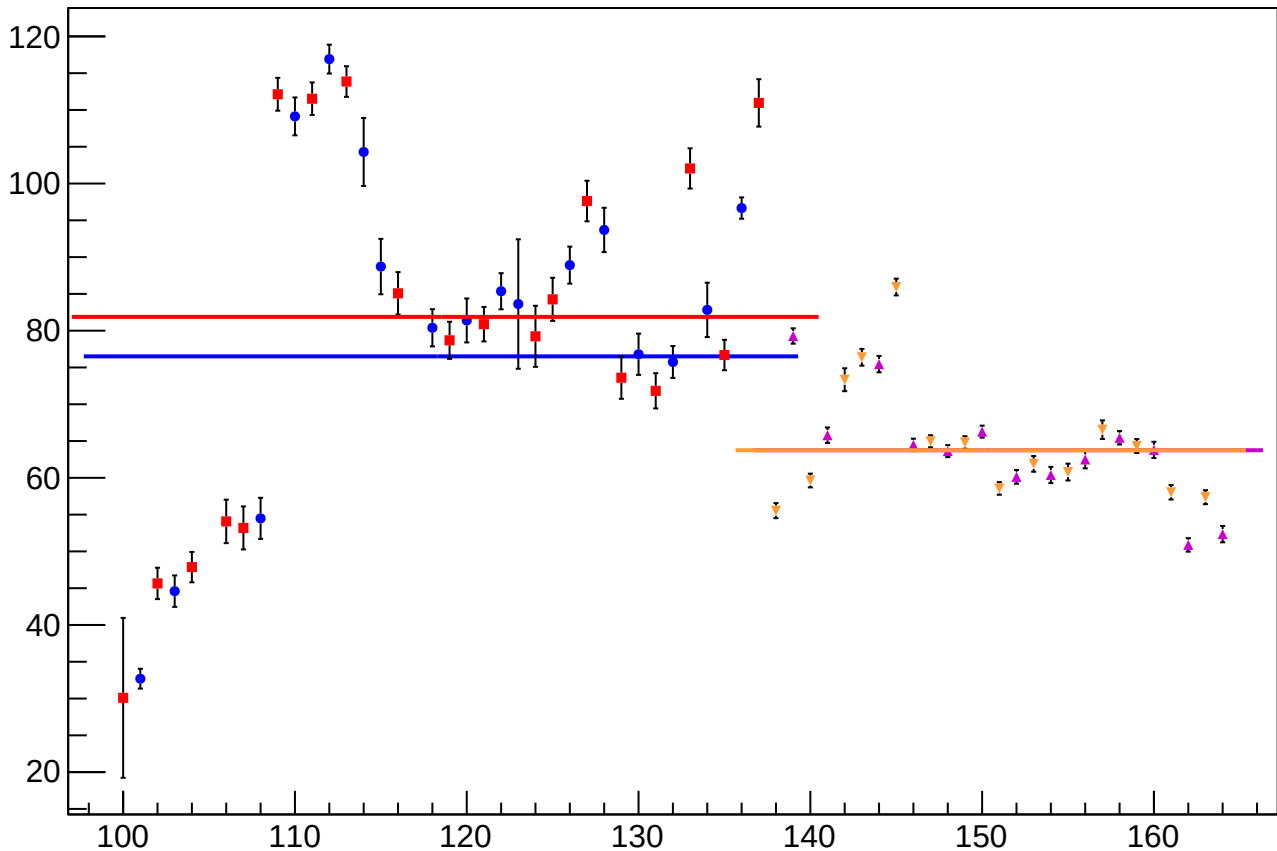
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.706 ± 0.162 χ^2/NDF : 607.1/29

Out: 1.980 ± 0.160 χ^2/NDF : 663.2/32

All: 1.845 ± 0.114 χ^2/NDF : 1271.7/62

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: 63.754 $\pm$ 0.270 χ^2 /NDF: 759.2/13

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 63.753 $\pm$ 0.270 χ^2 /NDF: 677.2/12

Left: 63.754 $\pm$ 0.191 χ^2 /NDF: 1436.4/26

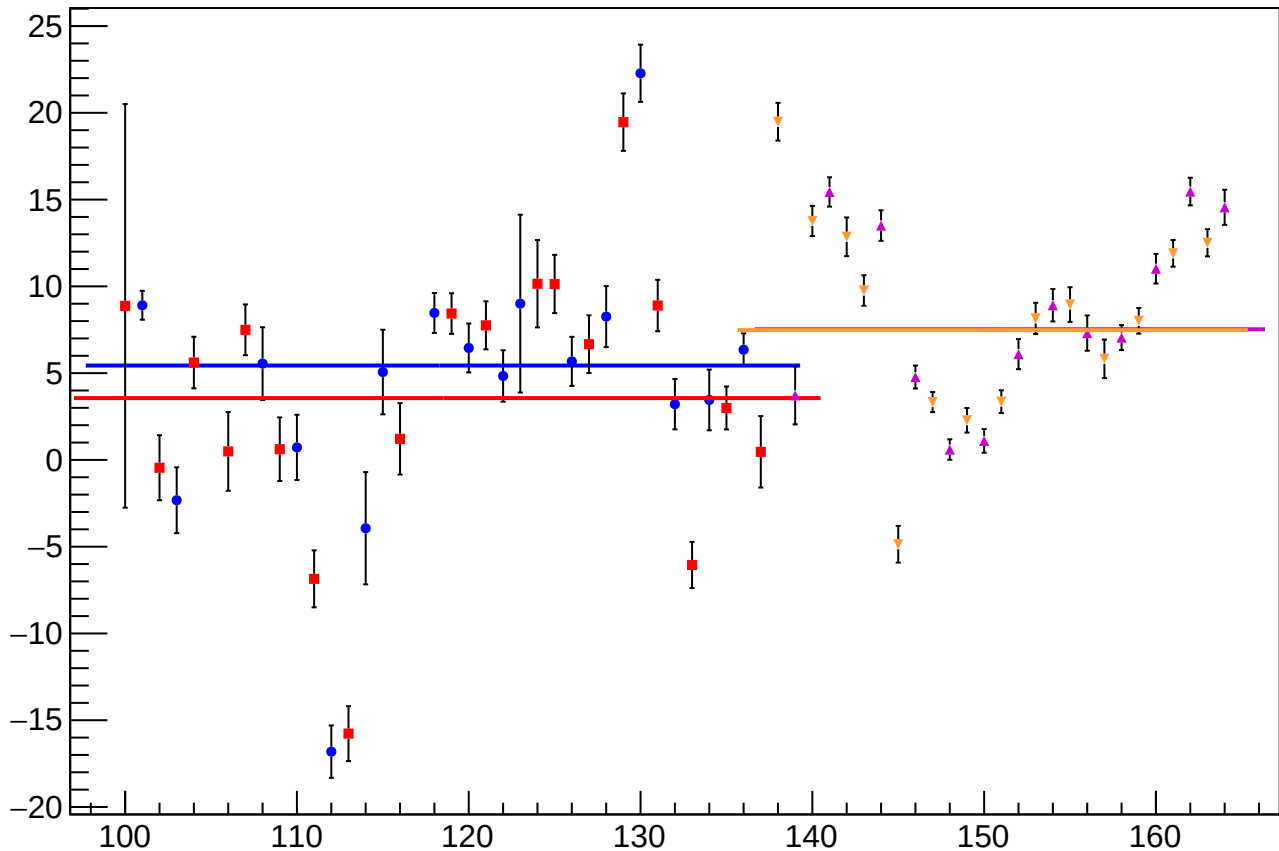
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 66.063 $\pm$ 0.244 χ^2 /NDF: 3332.3/29

Out: 66.868 $\pm$ 0.245 χ^2 /NDF: 3106.6/32

All: 66.464 $\pm$ 0.173 χ^2 /NDF: 6444.3/62

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: 7.480 ± 0.220 $\chi^2/\text{NDF}: 564.6/13$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 7.528 ± 0.225 $\chi^2/\text{NDF}: 553.1/12$

Left: 7.503 ± 0.157 $\chi^2/\text{NDF}: 1117.7/26$

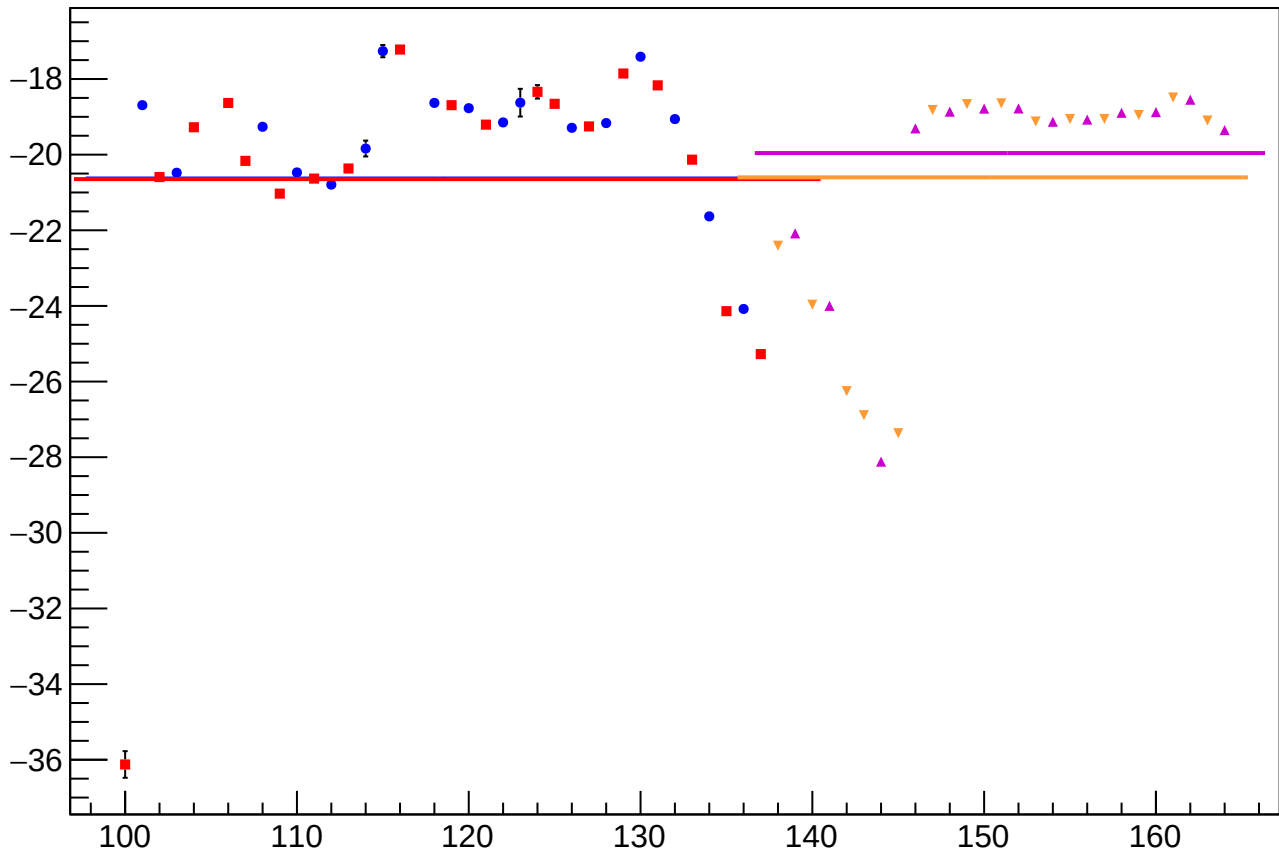
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 6.934 ± 0.191 $\chi^2/\text{NDF}: 963.7/29$

Out: 6.477 ± 0.190 $\chi^2/\text{NDF}: 1066.6/32$

All: 6.705 ± 0.135 $\chi^2/\text{NDF}: 2033.1/62$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.601 $\pm$ 0.011 χ^2 /NDF: 77665.1/13

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -19.958 $\pm$ 0.011 χ^2 /NDF: 48230.7/12

Left: -20.278 $\pm$ 0.008 χ^2 /NDF: 127705.1/26

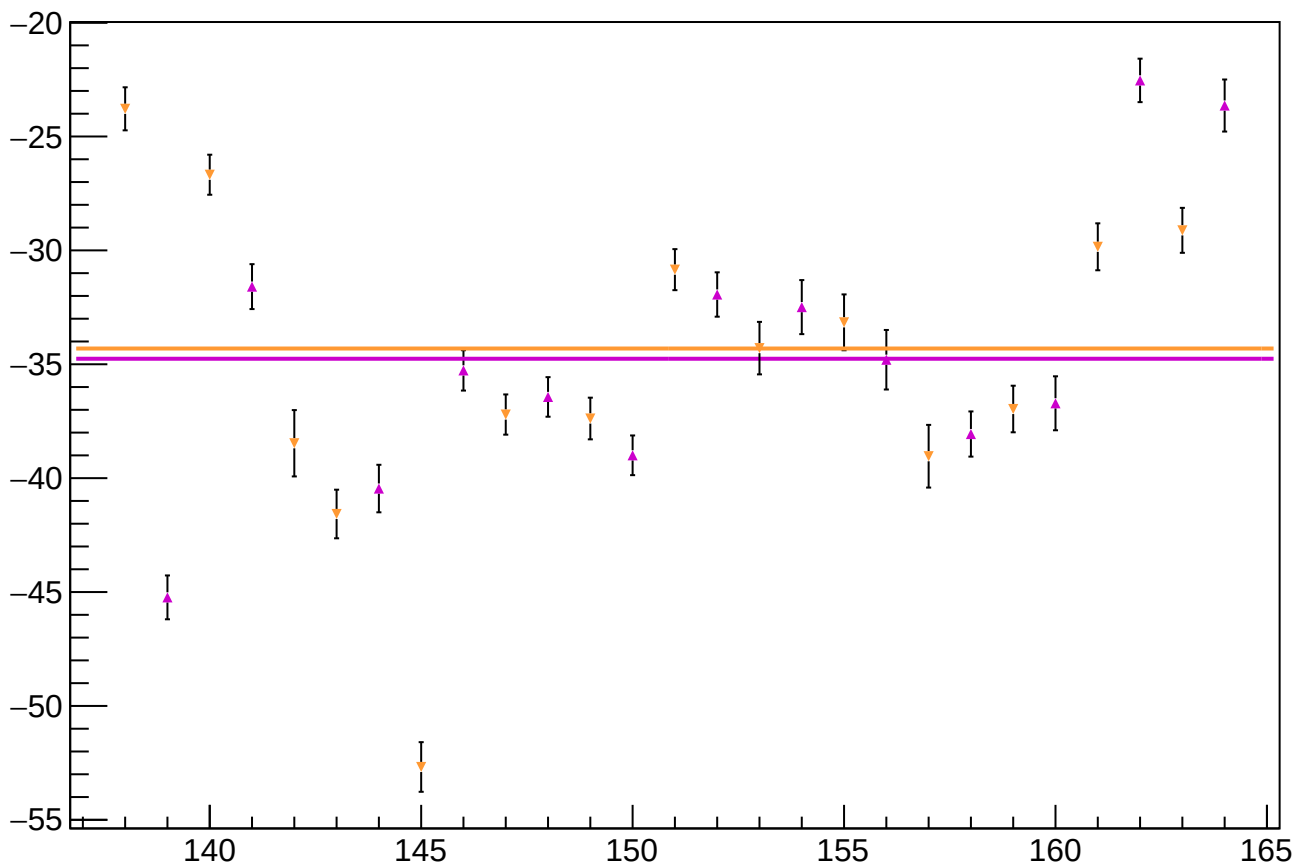
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.116 $\pm$ 0.009 χ^2 /NDF: 61665.4/29

Out: -20.611 $\pm$ 0.009 χ^2 /NDF: 91578.5/32

All: -20.363 $\pm$ 0.007 χ^2 /NDF: 154648.9/62

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



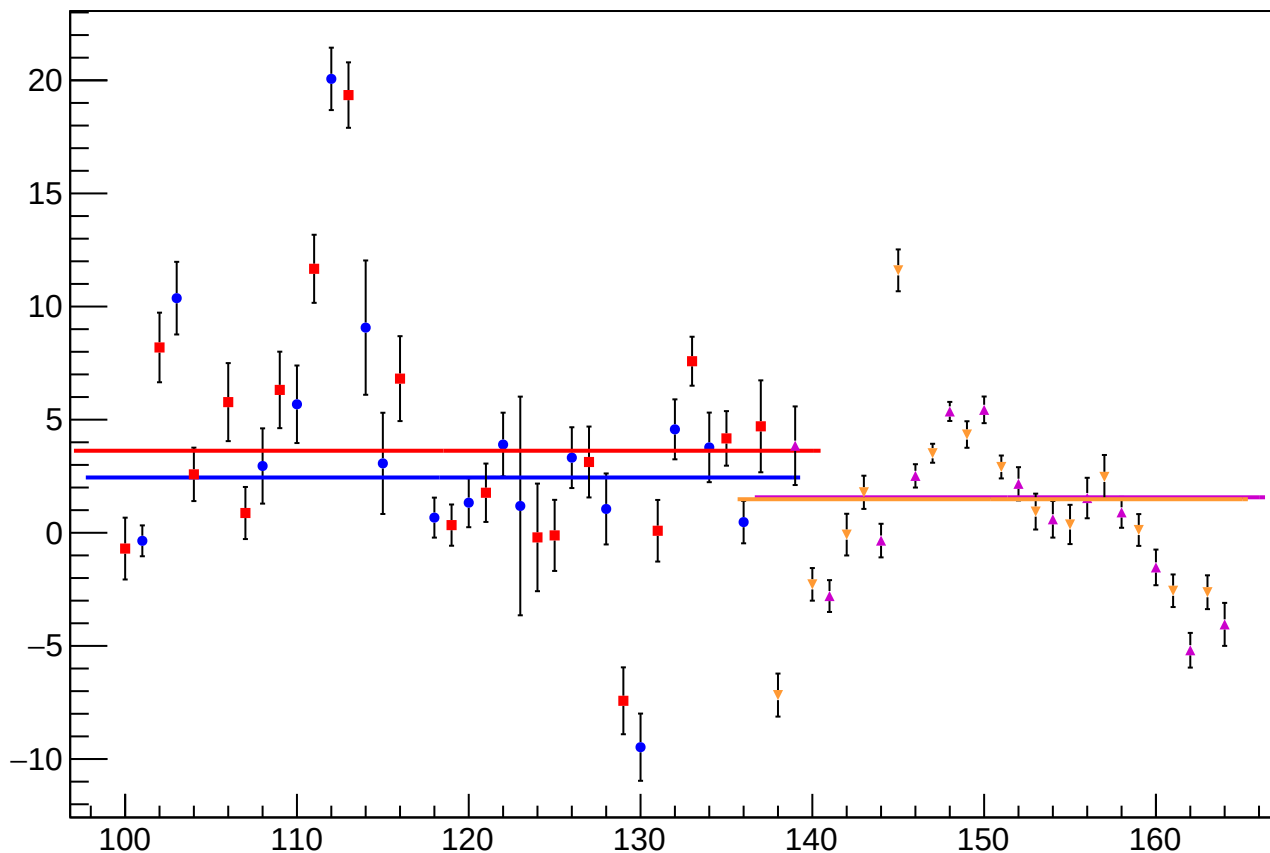
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.309+/-0.275 χ^2/NDF : 640.7/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.758+/-0.279 χ^2/NDF : 470.9/12

Left: -34.531+/-0.196 χ^2/NDF : 1112.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.758+/-0.279 χ^2/NDF : 470.9/12
 Out: -34.309+/-0.275 χ^2/NDF : 640.7/13

All: -34.531+/-0.196 χ^2/NDF : 1112.9/26

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: 1.483 ± 0.184 χ^2/NDF : 356.8/13

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 1.569 ± 0.190 χ^2/NDF : 305.7/12

Left: 1.525 ± 0.132 χ^2/NDF : 662.6/26

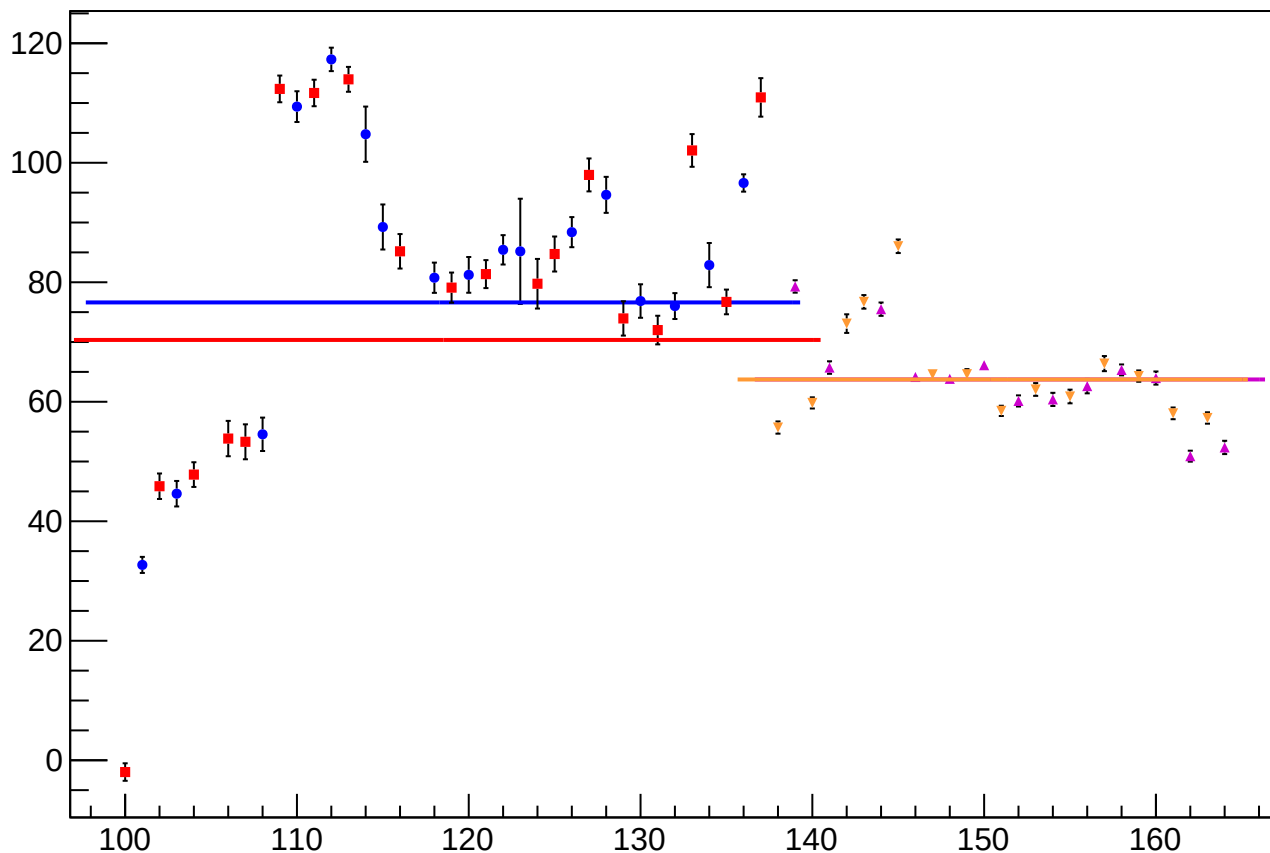
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.806 ± 0.162 χ^2/NDF : 604.1/29

Out: 2.022 ± 0.159 χ^2/NDF : 669.7/32

All: 1.916 ± 0.114 χ^2/NDF : 1274.7/62

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: 63.732 $\pm$ 0.270 χ^2 /NDF: 761.3/13

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 63.732 $\pm$ 0.270 χ^2 /NDF: 674.7/12

Left: 63.732 $\pm$ 0.191 χ^2 /NDF: 1436.0/26

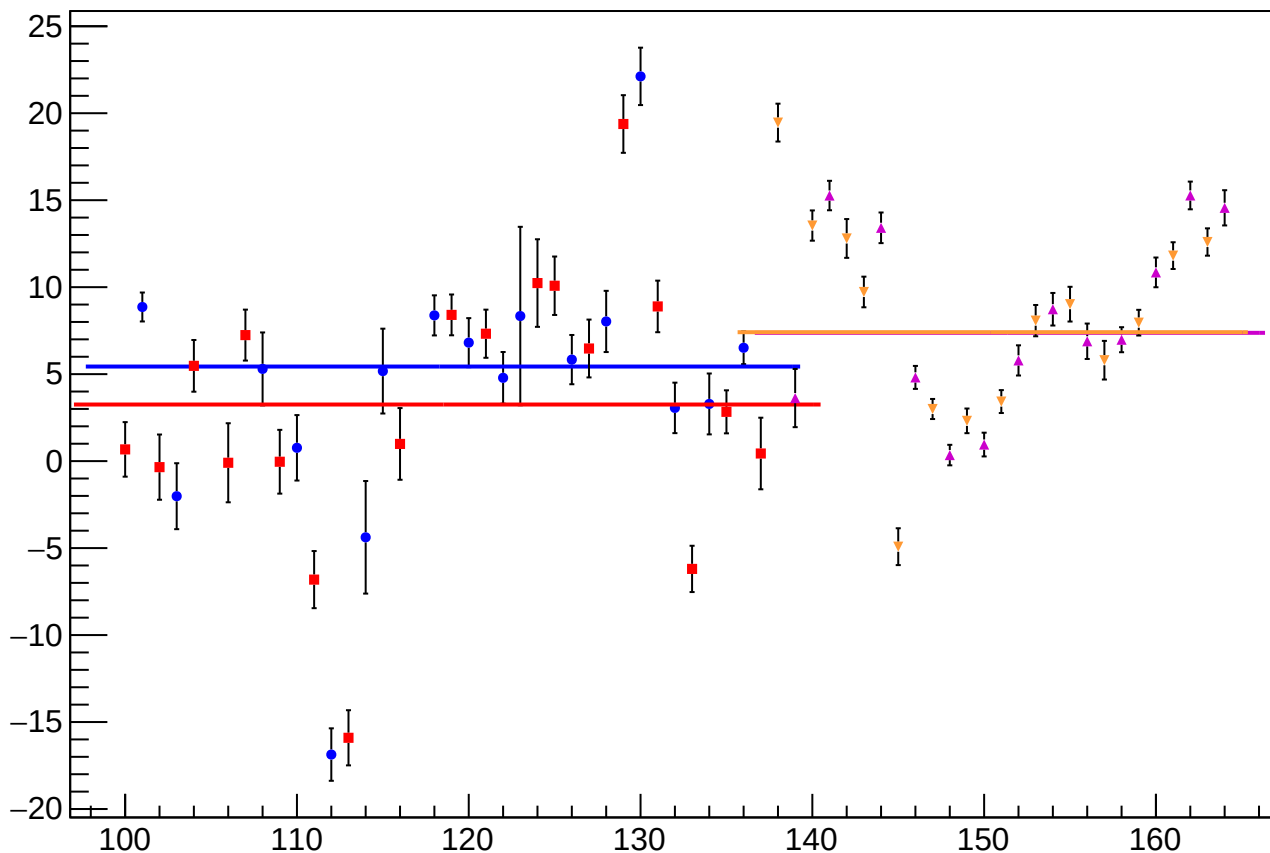
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 66.067 $\pm$ 0.244 χ^2 /NDF: 3350.1/29

Out: 65.015 $\pm$ 0.242 χ^2 /NDF: 5266.2/32

All: 65.536 $\pm$ 0.172 χ^2 /NDF: 8625.6/62

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: 7.410 ± 0.220 $\chi^2/\text{NDF}: 567.0/13$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 7.375 ± 0.226 $\chi^2/\text{NDF}: 555.8/12$

Left: 7.393 ± 0.158 $\chi^2/\text{NDF}: 1122.8/26$

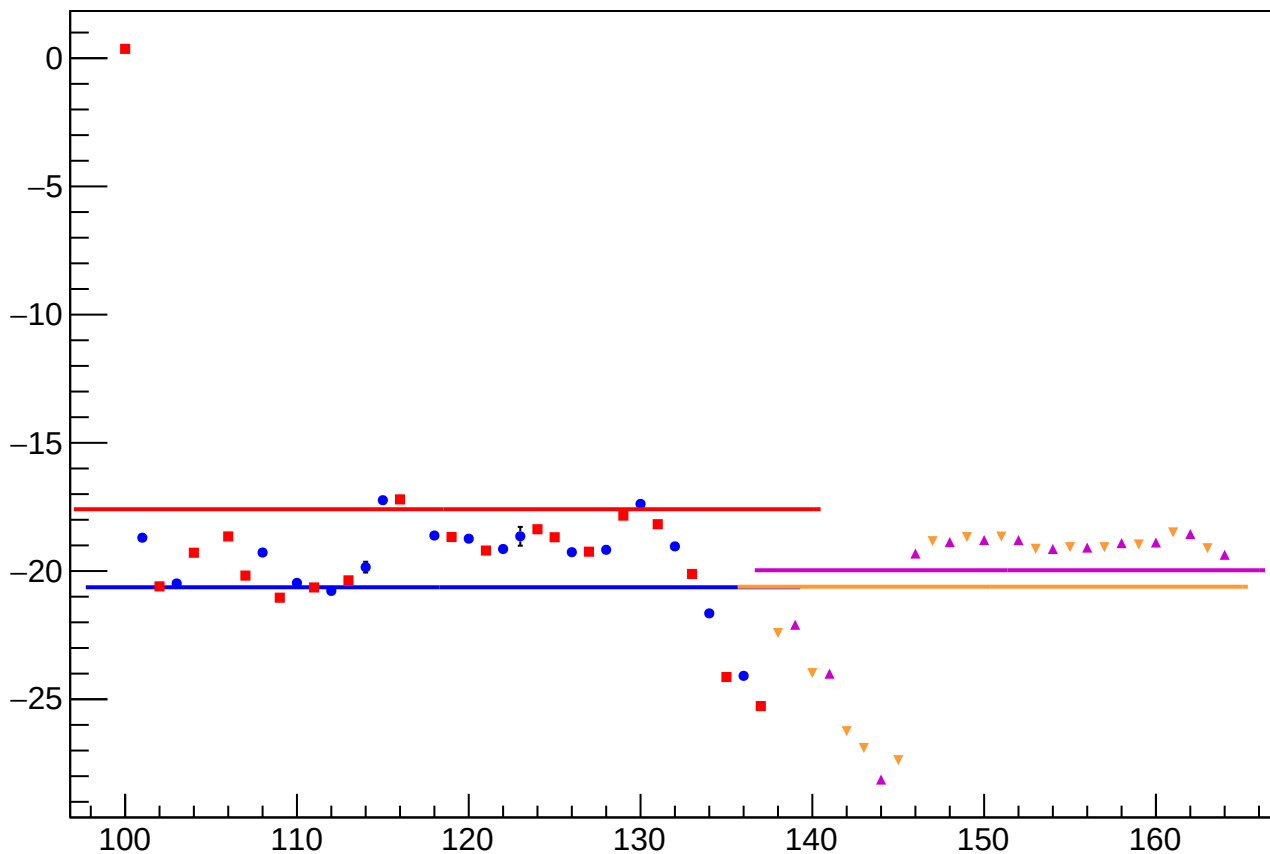
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 6.824 ± 0.191 $\chi^2/\text{NDF}: 961.3/29$

Out: 6.303 ± 0.188 $\chi^2/\text{NDF}: 1085.9/32$

All: 6.560 ± 0.134 $\chi^2/\text{NDF}: 2050.9/62$

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: -20.611 ± 0.011 $\chi^2/\text{NDF}: 77517.0/13$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.969 ± 0.011 $\chi^2/\text{NDF}: 48161.9/12$

Left: -20.289 ± 0.008 $\chi^2/\text{NDF}: 127482.1/26$

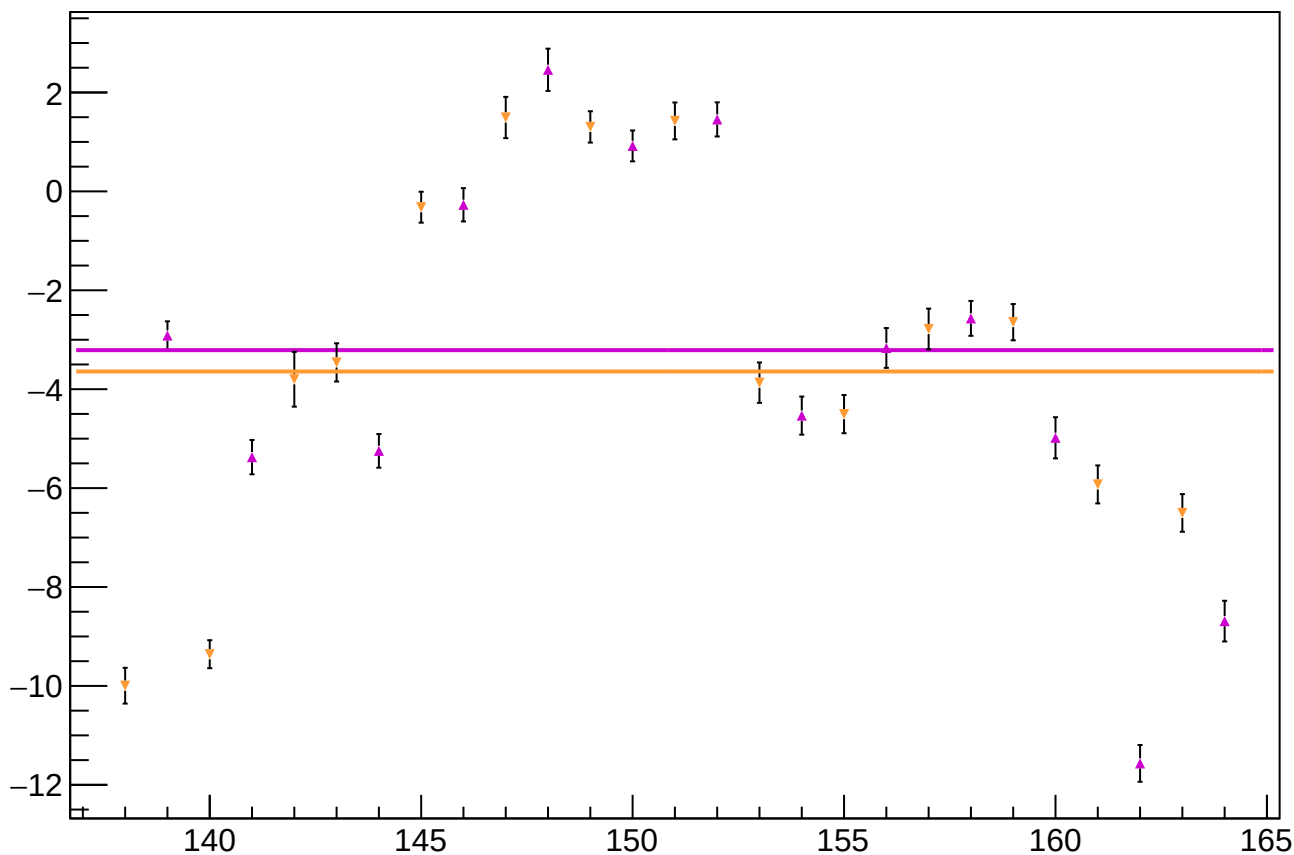
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.124 ± 0.009 $\chi^2/\text{NDF}: 61609.3/29$

Out: -19.822 ± 0.009 $\chi^2/\text{NDF}: 276987.2/32$

All: -19.971 ± 0.007 $\chi^2/\text{NDF}: 339126.9/62$

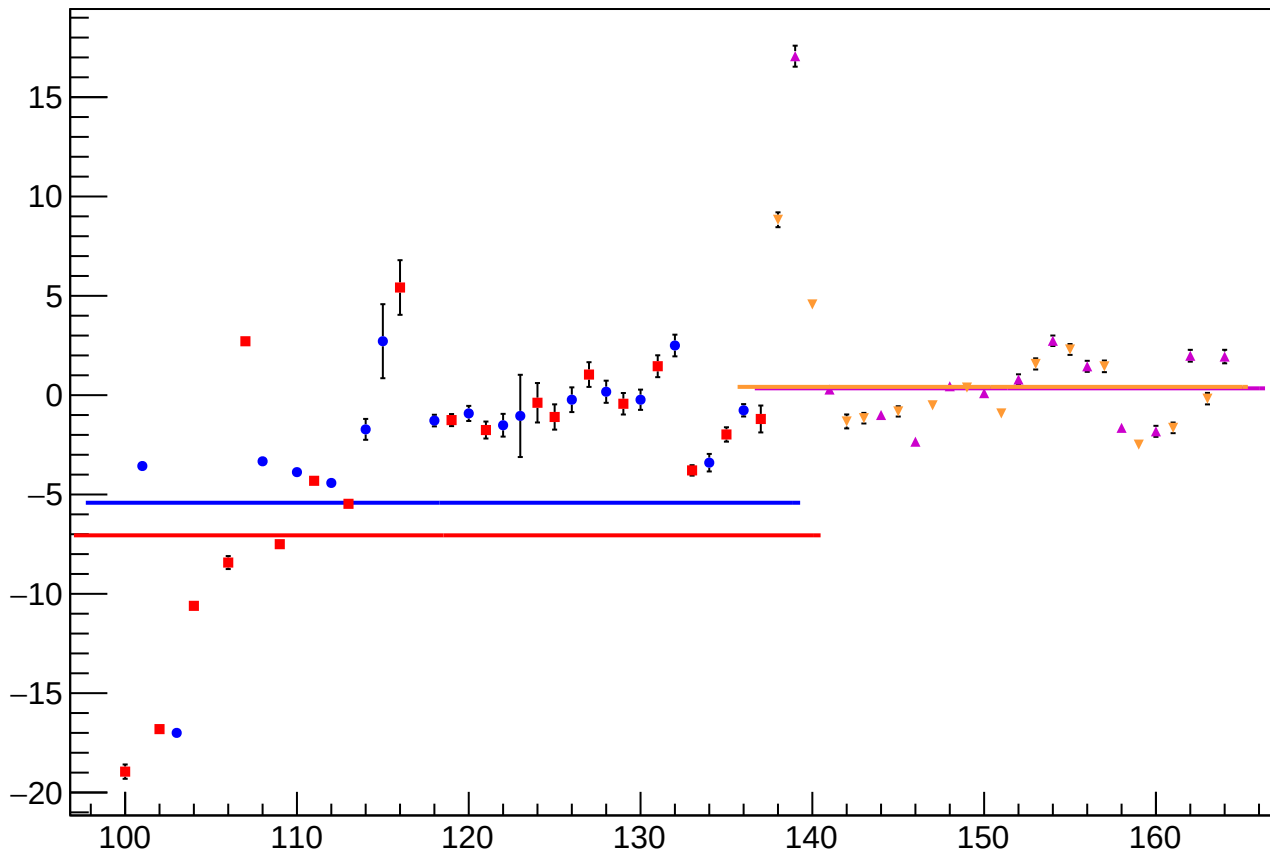
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.642+/-0.099 χ^2/NDF :1518.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.210+/-0.099 χ^2/NDF :1401.3/12

Left: -3.427+/-0.070 χ^2/NDF : 2928.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.210+/-0.099 χ^2/NDF :1401.3/12
 Out: -3.642+/-0.099 χ^2/NDF :1518.0/13
 All: -3.427+/-0.070 χ^2/NDF : 2928.9/26

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415+/-0.055 χ^2/NDF : 9255.1/16

Left Out: 0.417+/-0.069 χ^2/NDF :1228.8/13

Right Out: -7.056+/-0.059 χ^2/NDF : 12334.0/18

Left In: 0.344+/-0.072 χ^2/NDF :1470.4/12

Left: 0.382+/-0.050 χ^2/NDF : 2699.8/26

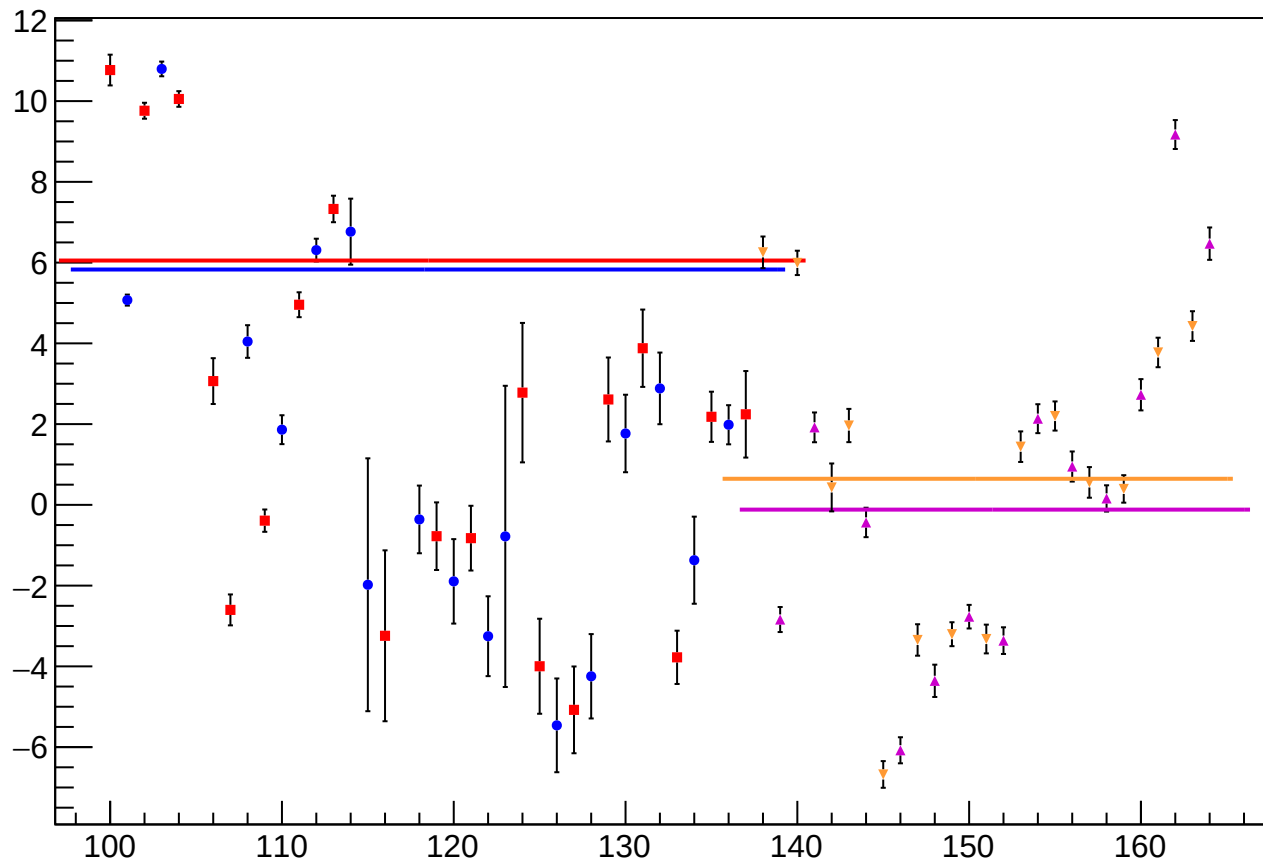
Right: -6.174+/-0.040 χ^2/NDF : 22004.4/35

In: -3.289+/-0.043 χ^2/NDF :14808.2/29

Out: -3.897+/-0.045 χ^2/NDF :20341.7/32

All: -3.584+/-0.031 χ^2/NDF : 35244.4/62

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: 0.646 ± 0.097 $\chi^2/\text{NDF}: 1620.7/13$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -0.118 ± 0.097 $\chi^2/\text{NDF}: 1785.7/12$

Left: 0.263 ± 0.068 $\chi^2/\text{NDF}: 3437.6/26$

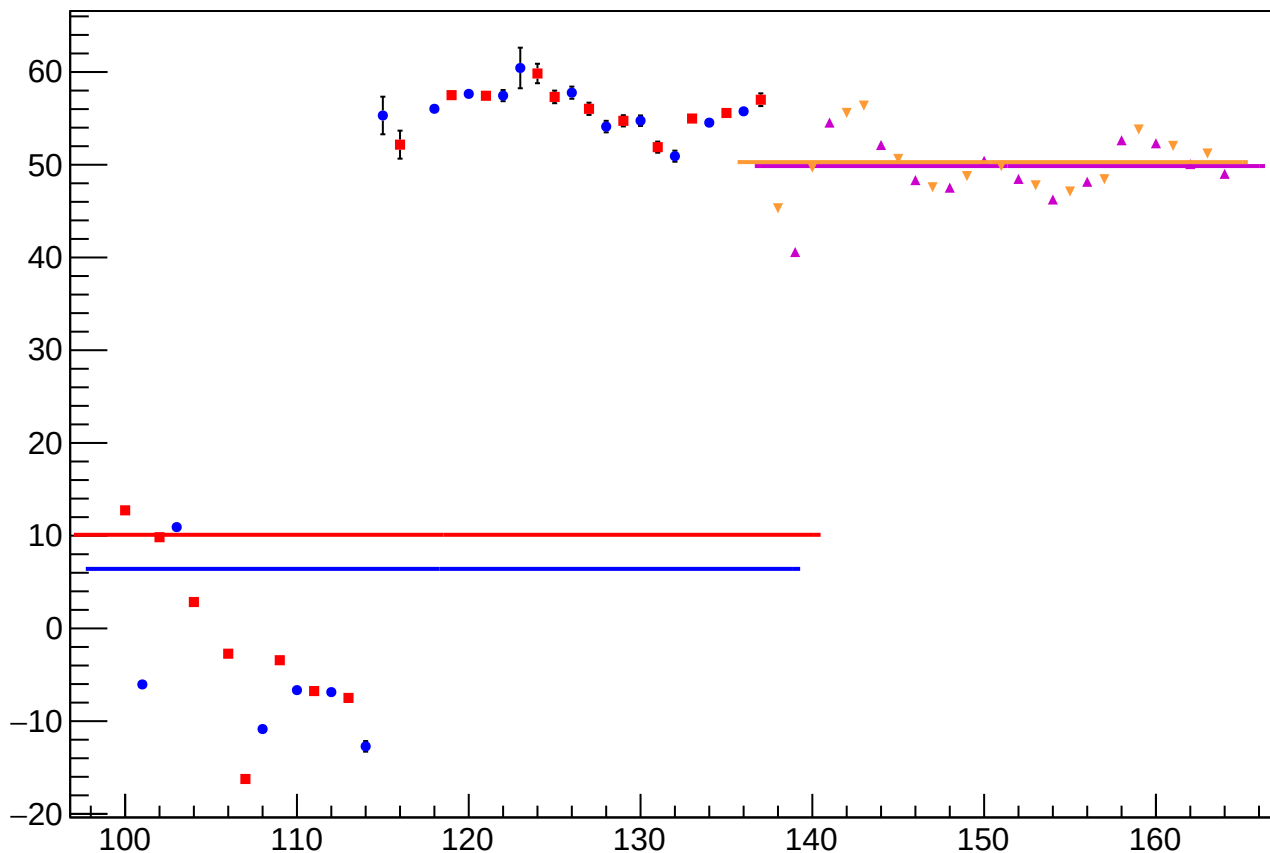
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.079 ± 0.066 $\chi^2/\text{NDF}: 5270.1/29$

Out: 3.453 ± 0.067 $\chi^2/\text{NDF}: 5908.4/32$

All: 3.262 ± 0.047 $\chi^2/\text{NDF}: 11194.3/62$

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: 50.284+/-0.081 χ^2/NDF :1216.0/13

Right Out: 10.096+/-0.070 χ^2/NDF : 122124.3/18

Left In: 49.858+/-0.083 χ^2/NDF :1120.5/12

Left: 50.077+/-0.058 χ^2/NDF : 2350.1/26

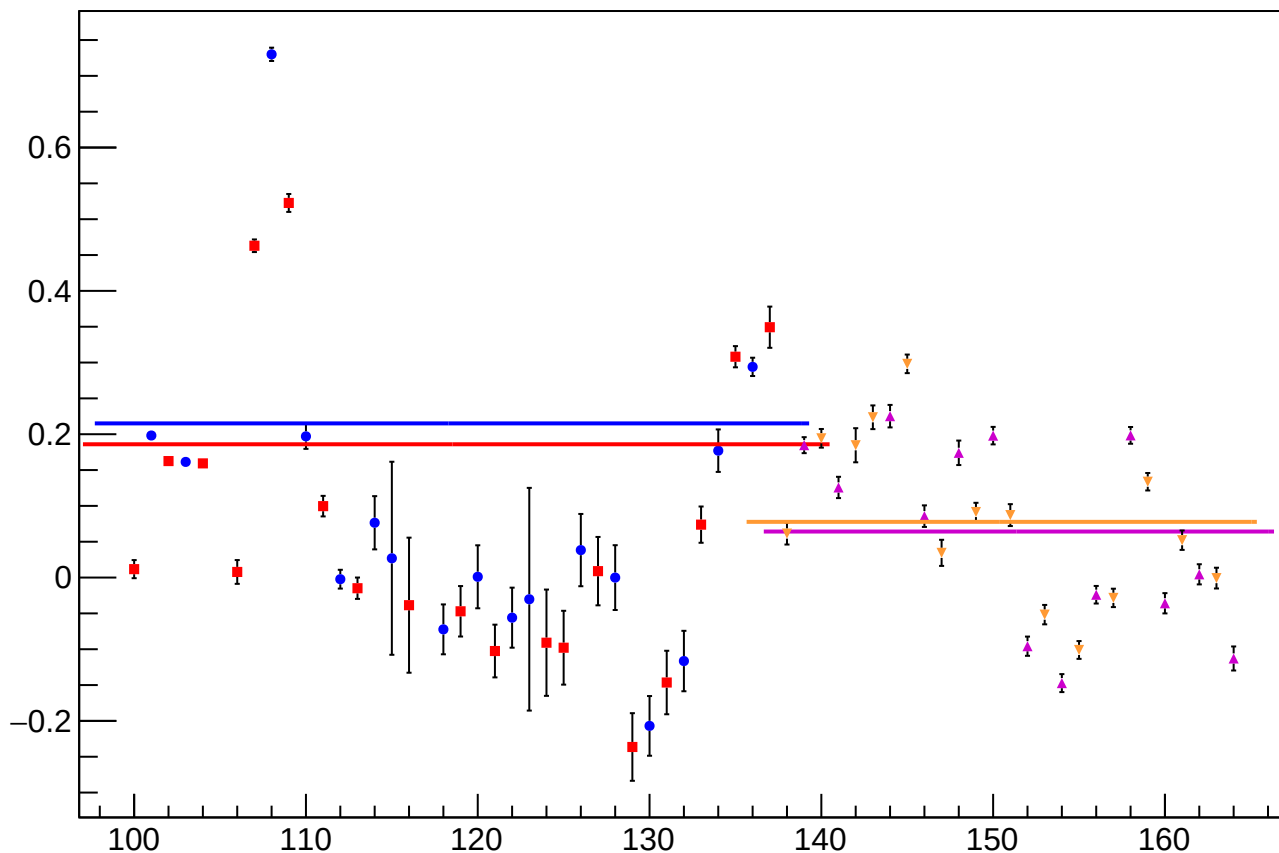
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 22.867+/-0.051 χ^2/NDF :294719.4/29

Out: 27.225+/-0.053 χ^2/NDF :264988.5/32

All: 24.971+/-0.037 χ^2/NDF : 563228.8/62

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.078 ± 0.004 χ^2/NDF : 896.6/13

Right Out: 0.186 ± 0.003 χ^2/NDF : 2719.3/18

Left In: 0.064 ± 0.004 χ^2/NDF : 1192.2/12

Left: 0.071 ± 0.003 χ^2/NDF : 2095.3/26

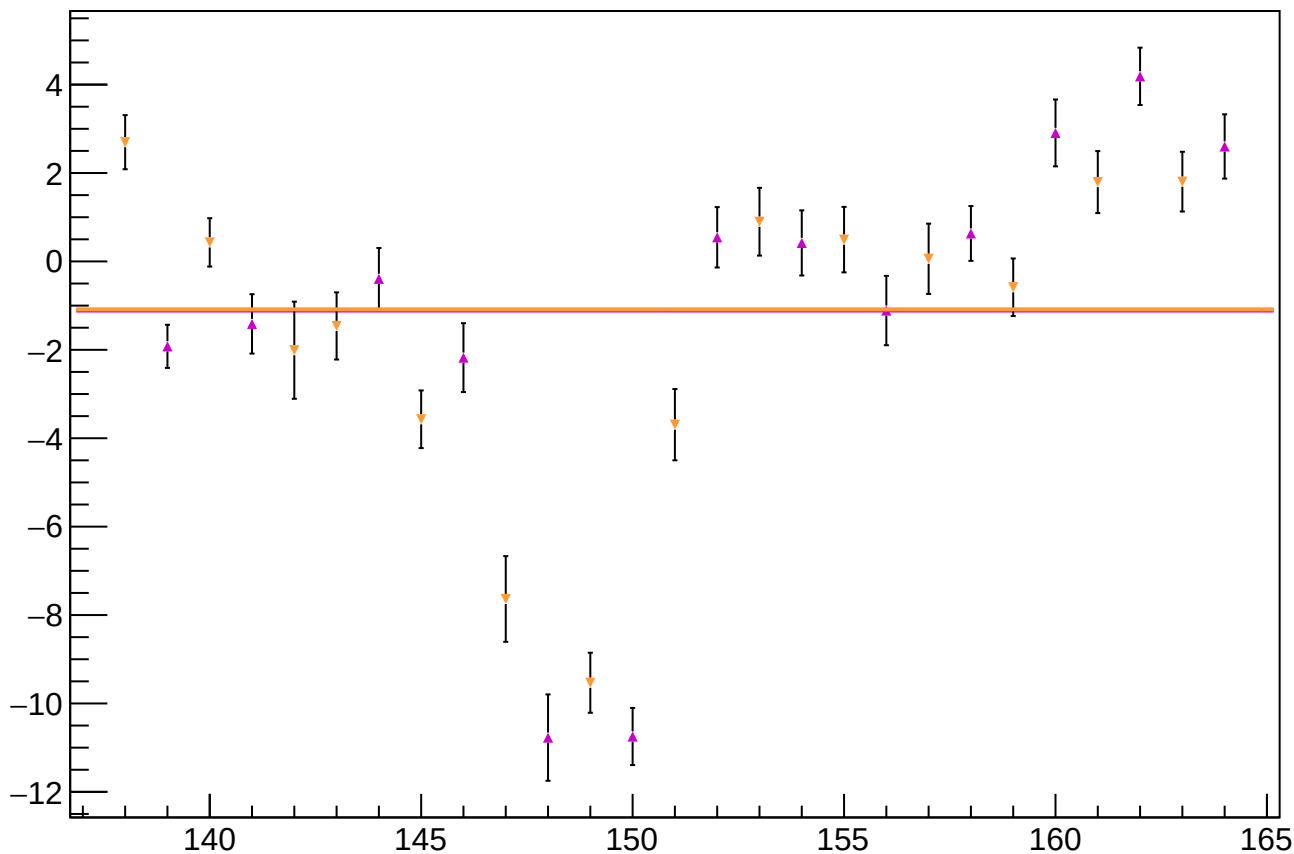
Right: 0.200 ± 0.002 χ^2/NDF : 6703.5/35

In: 0.162 ± 0.002 χ^2/NDF : 6163.2/29

Out: 0.150 ± 0.002 χ^2/NDF : 4159.9/32

All: 0.156 ± 0.002 χ^2/NDF : 10338.8/62

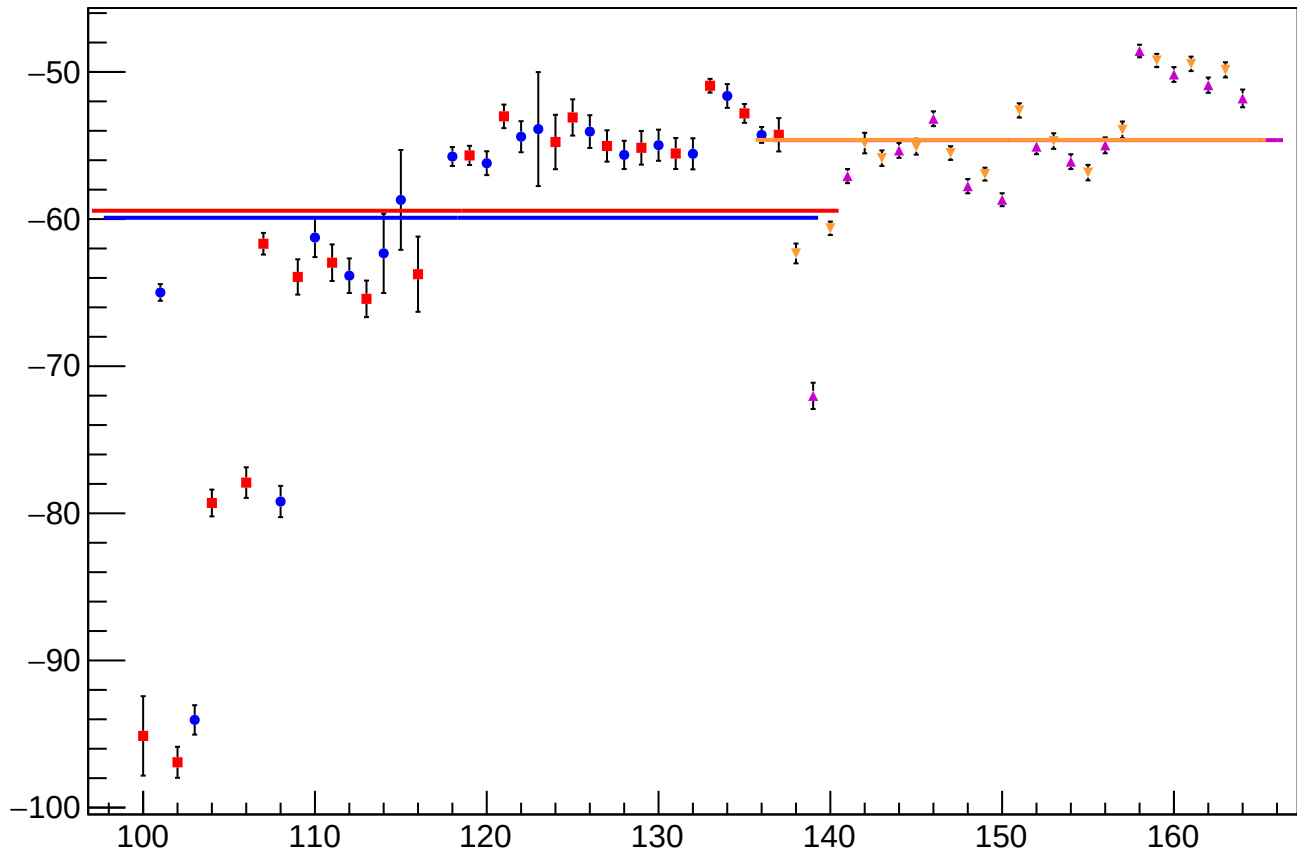
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.085+/-0.191 χ^2/NDF :321.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.111+/-0.190 χ^2/NDF :465.0/12

Left: -1.098+/-0.135 χ^2/NDF : 786.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.111+/-0.190 χ^2/NDF :465.0/12
 Out: -1.085+/-0.191 χ^2/NDF :321.3/13
 All: -1.098+/-0.135 χ^2/NDF : 786.3/26

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: -54.618 ± 0.137 χ^2/NDF : 718.4/13

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.635 ± 0.142 χ^2/NDF : 899.7/12

Left: -54.626 ± 0.099 χ^2/NDF : 1618.1/26

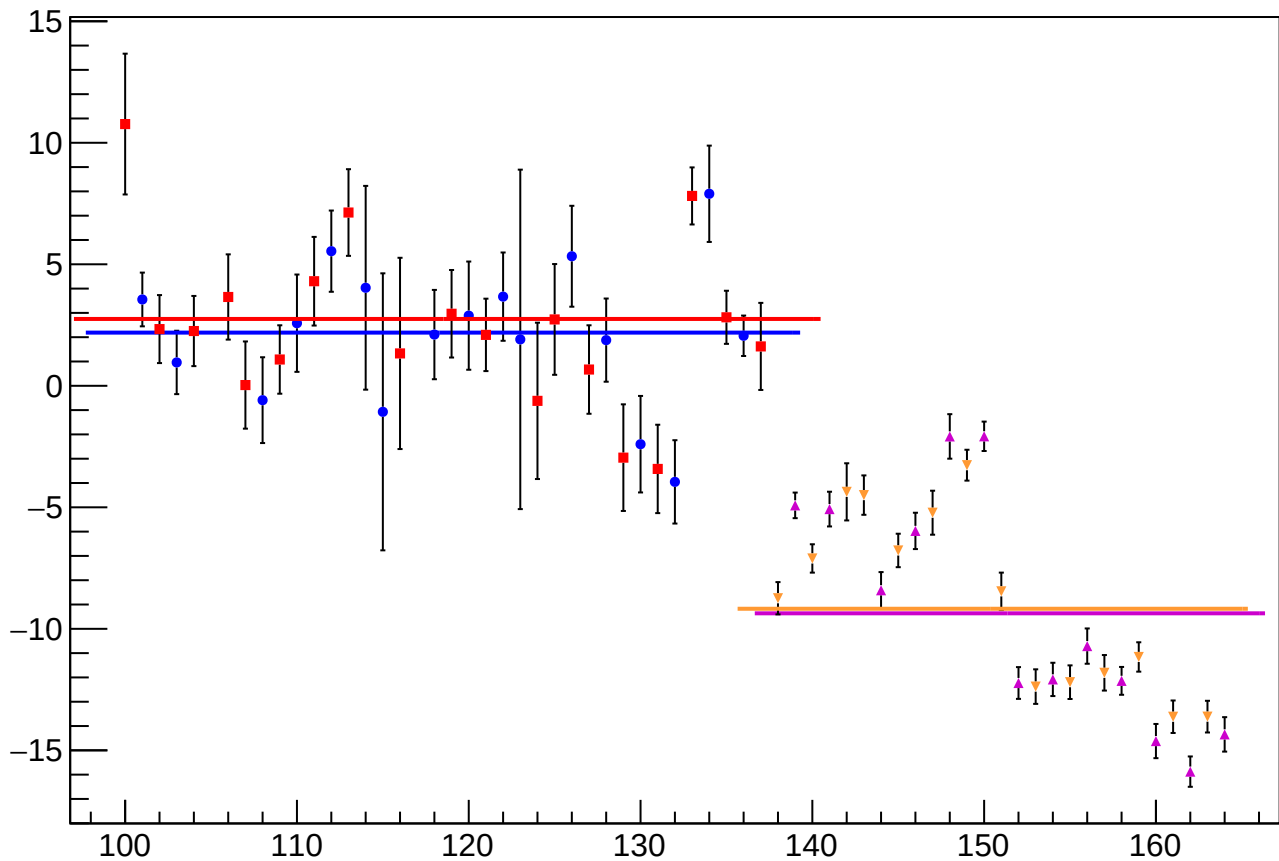
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.152 ± 0.120 χ^2/NDF : 3278.5/29

Out: -56.042 ± 0.115 χ^2/NDF : 4001.6/32

All: -56.095 ± 0.083 χ^2/NDF : 7280.6/62

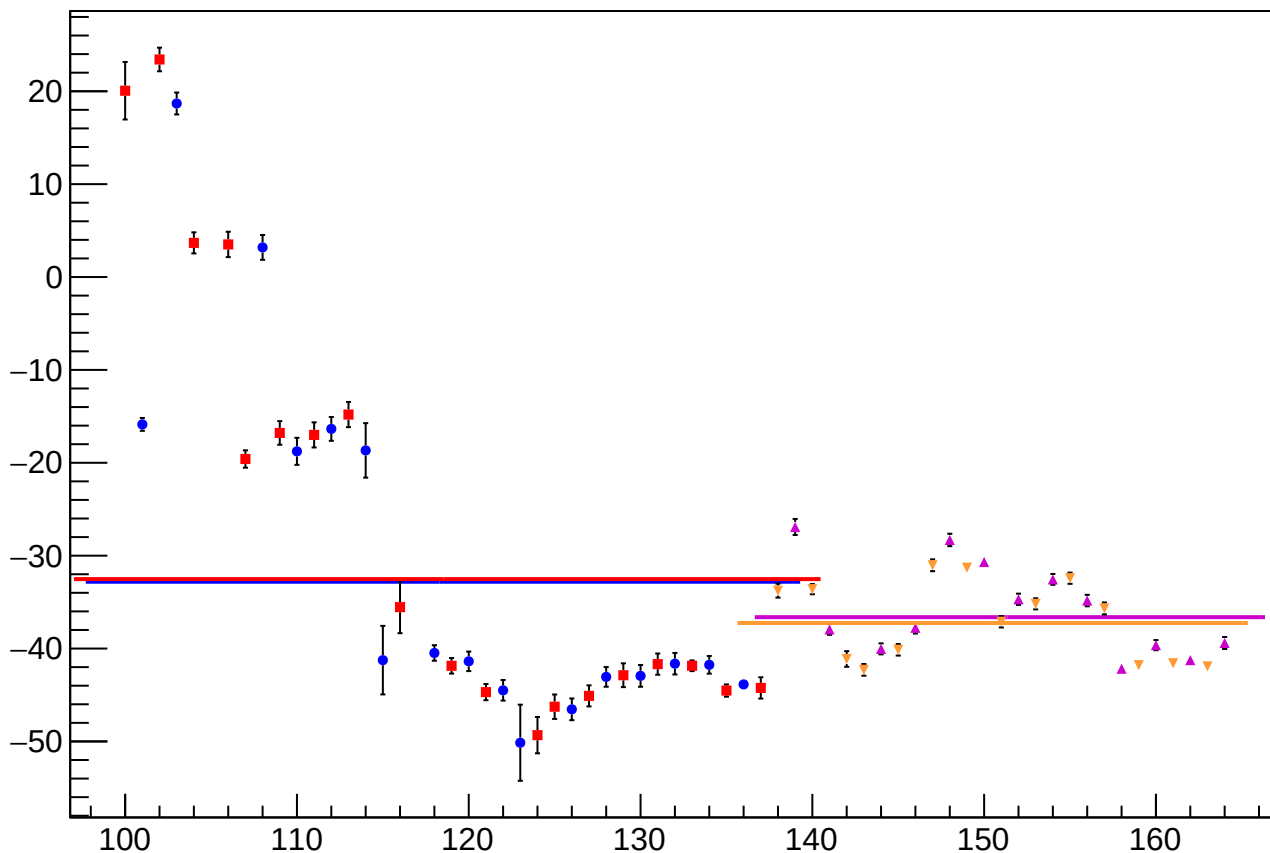
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.174 ± 0.188 $\chi^2/\text{NDF}: 335.3/13$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -9.362 ± 0.186 $\chi^2/\text{NDF}: 613.7/12$

Left: -9.270 ± 0.132 $\chi^2/\text{NDF}: 949.5/26$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -7.355 ± 0.169 $\chi^2/\text{NDF}: 1326.4/29$
 Out: -6.896 ± 0.169 $\chi^2/\text{NDF}: 1160.6/32$
 All: -7.126 ± 0.119 $\chi^2/\text{NDF}: 2490.7/62$

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: -37.247 ± 0.159 $\chi^2/\text{NDF}: 710.6/13$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.622 ± 0.162 $\chi^2/\text{NDF}: 798.3/12$

Left: -36.940 ± 0.113 $\chi^2/\text{NDF}: 1516.5/26$

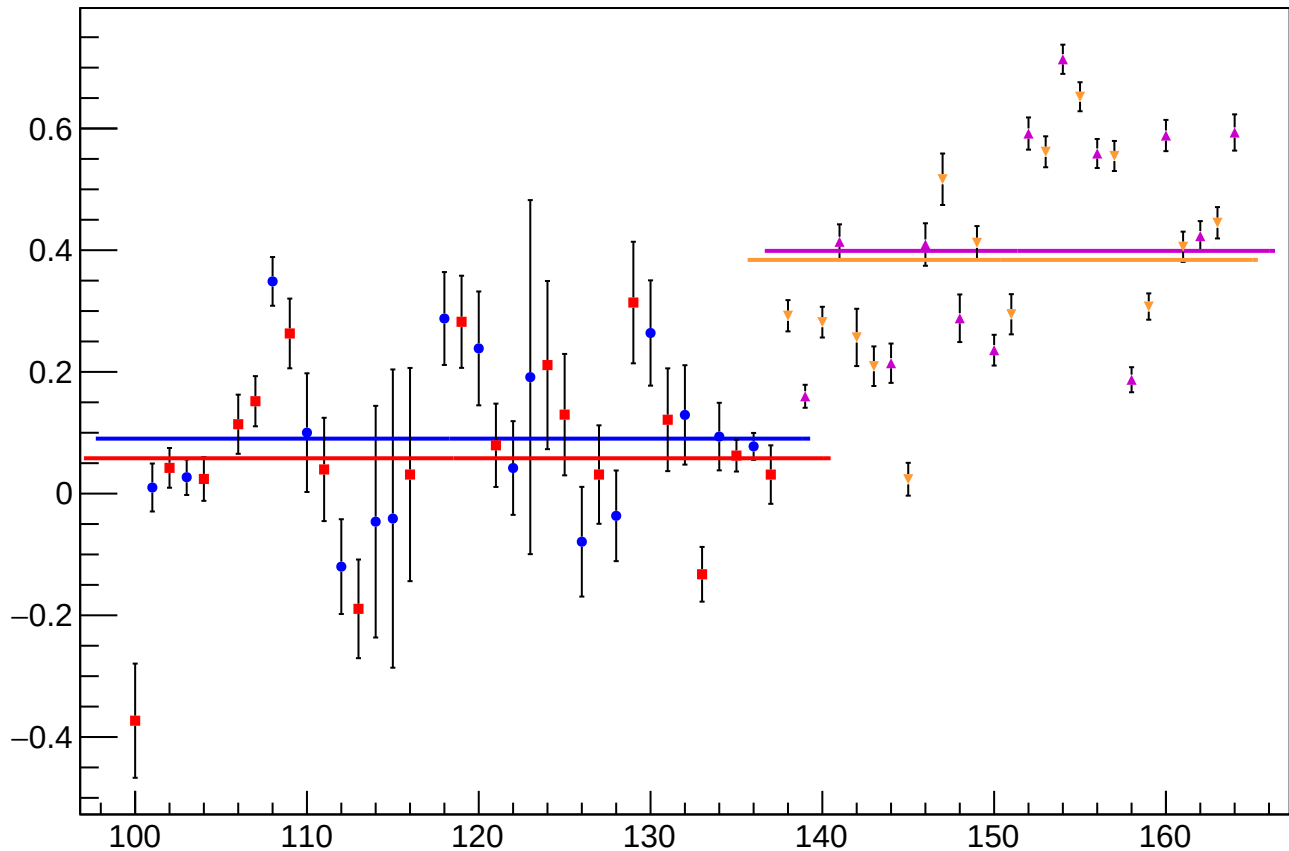
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -35.523 ± 0.136 $\chi^2/\text{NDF}: 5621.4/29$

Out: -35.839 ± 0.133 $\chi^2/\text{NDF}: 7014.8/32$

All: -35.685 ± 0.095 $\chi^2/\text{NDF}: 12639.0/62$

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: 0.384 $\pm$ 0.007 χ^2 /NDF:504.2/13

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.399 $\pm$ 0.007 χ^2 /NDF:717.2/12

Left: 0.392 $\pm$ 0.005 χ^2 /NDF: 1223.5/26

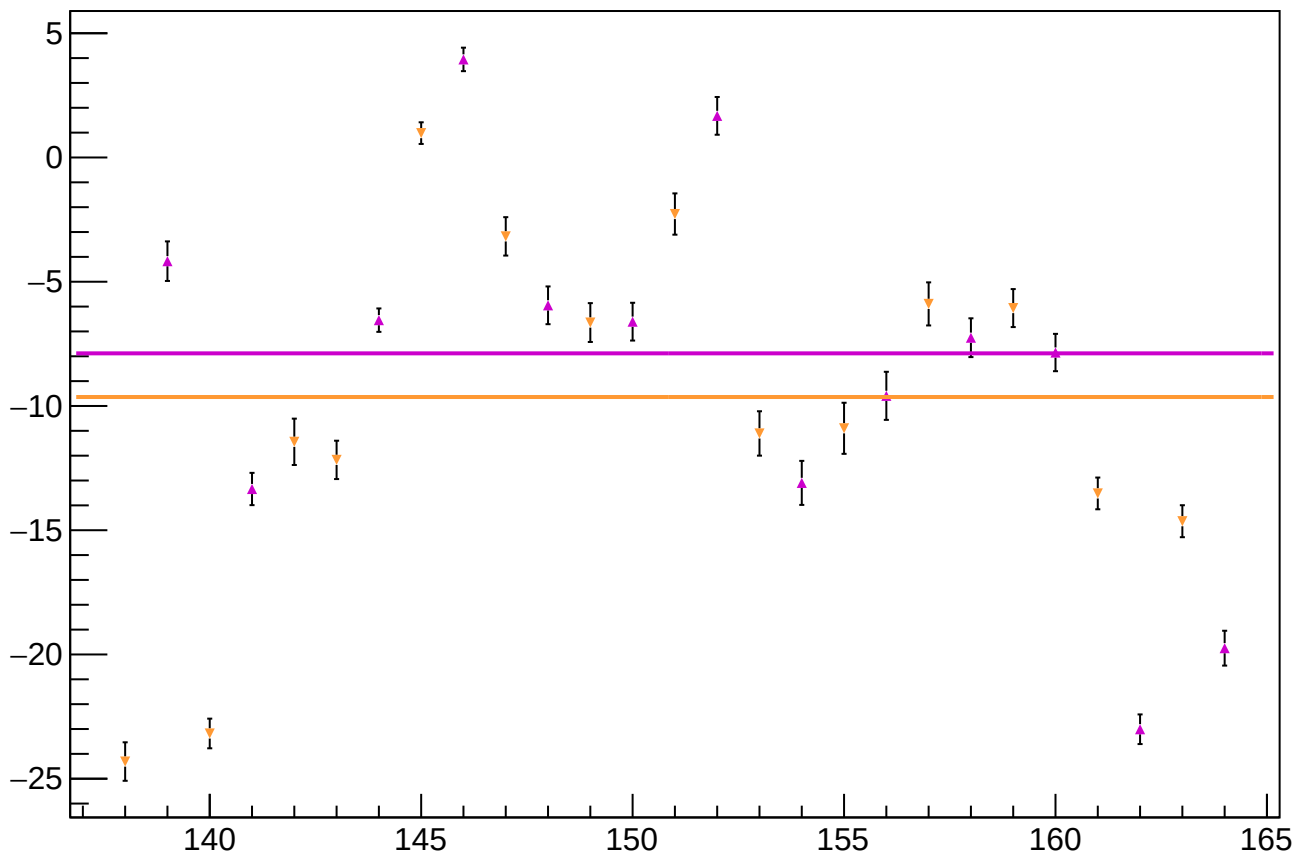
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.325 $\pm$ 0.006 χ^2 /NDF:1243.5/29

Out: 0.298 $\pm$ 0.006 χ^2 /NDF:1121.7/32

All: 0.311 $\pm$ 0.004 χ^2 /NDF: 2374.7/62

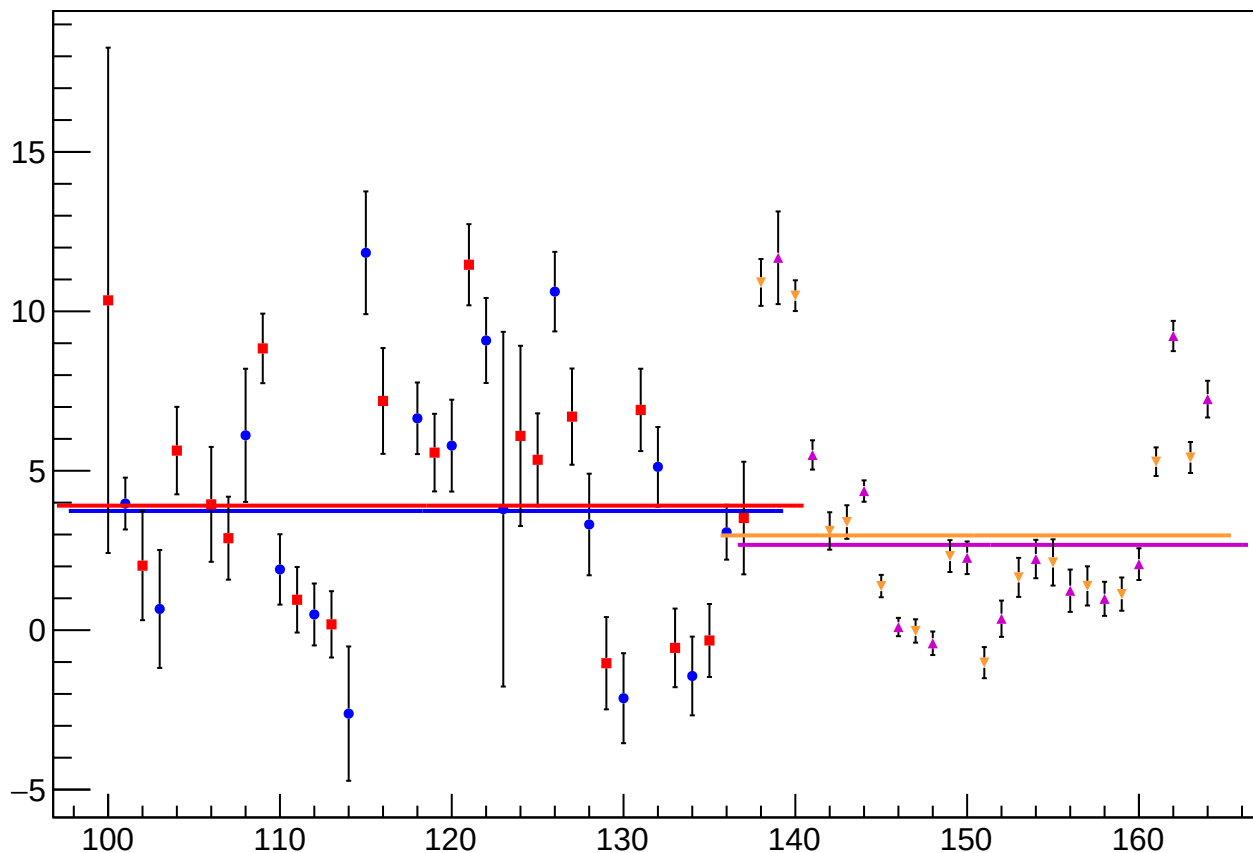
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.640 ± 0.191 χ^2/NDF : 1786.6/13
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -7.882 ± 0.187 χ^2/NDF : 1862.1/12

Left: -8.741 ± 0.133 χ^2/NDF : 3692.0/26
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -7.882 ± 0.187 χ^2/NDF : 1862.1/12
 Out: -9.640 ± 0.191 χ^2/NDF : 1786.6/13
 All: -8.741 ± 0.133 χ^2/NDF : 3692.0/26

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 2.972 ± 0.133 $\chi^2/\text{NDF}: 593.4/13$

Right Out: 3.906 ± 0.316 $\chi^2/\text{NDF}: 135.5/18$

Left In: 2.676 ± 0.129 $\chi^2/\text{NDF}: 539.5/12$

Left: 2.819 ± 0.092 $\chi^2/\text{NDF}: 1135.4/26$

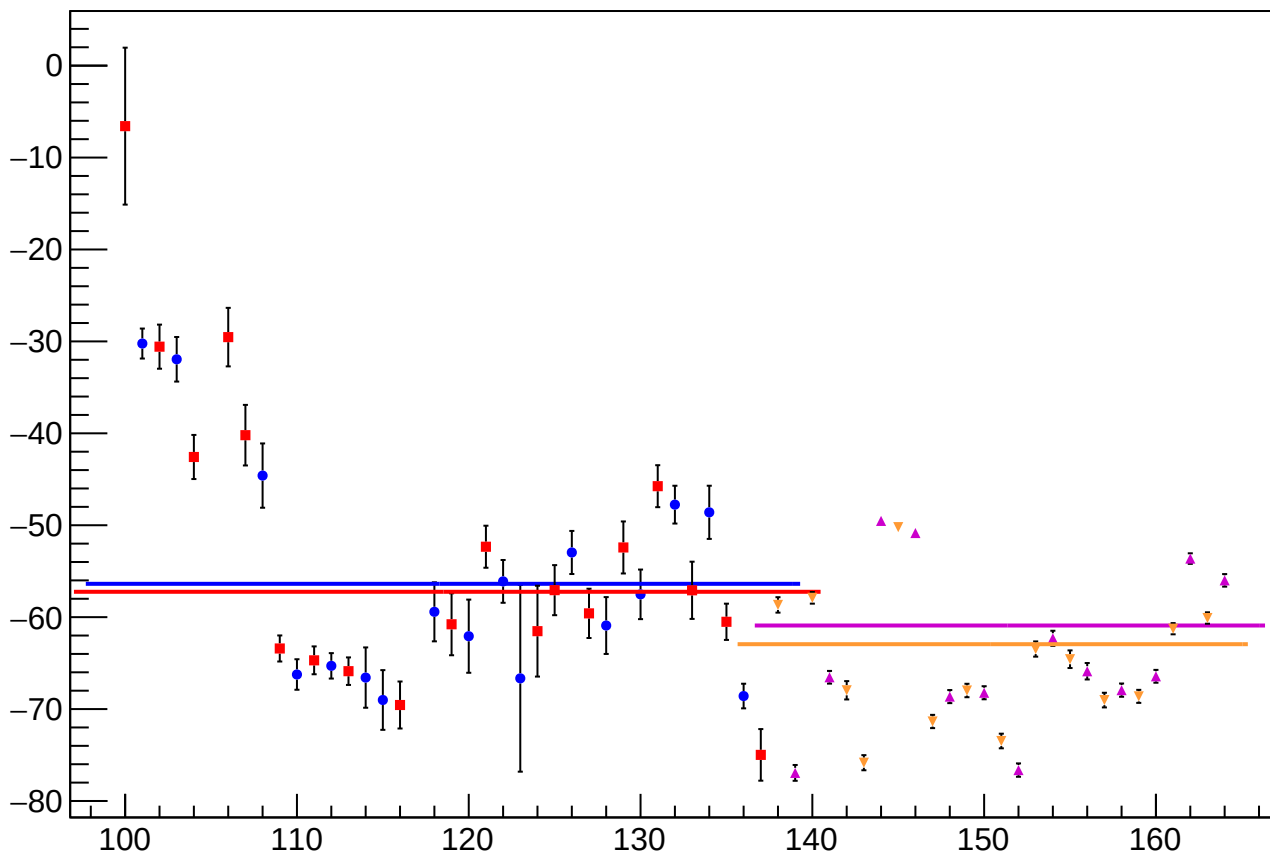
Right: 3.821 ± 0.221 $\chi^2/\text{NDF}: 272.5/35$

In: 2.832 ± 0.119 $\chi^2/\text{NDF}: 686.4/29$

Out: 3.112 ± 0.123 $\chi^2/\text{NDF}: 736.3/32$

All: 2.968 ± 0.085 $\chi^2/\text{NDF}: 1425.5/62$

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: -62.941 ± 0.190 χ^2/NDF : 1626.1/13

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -60.908 ± 0.183 χ^2/NDF : 2509.1/12

Left: -61.887 ± 0.132 χ^2/NDF : 4194.8/26

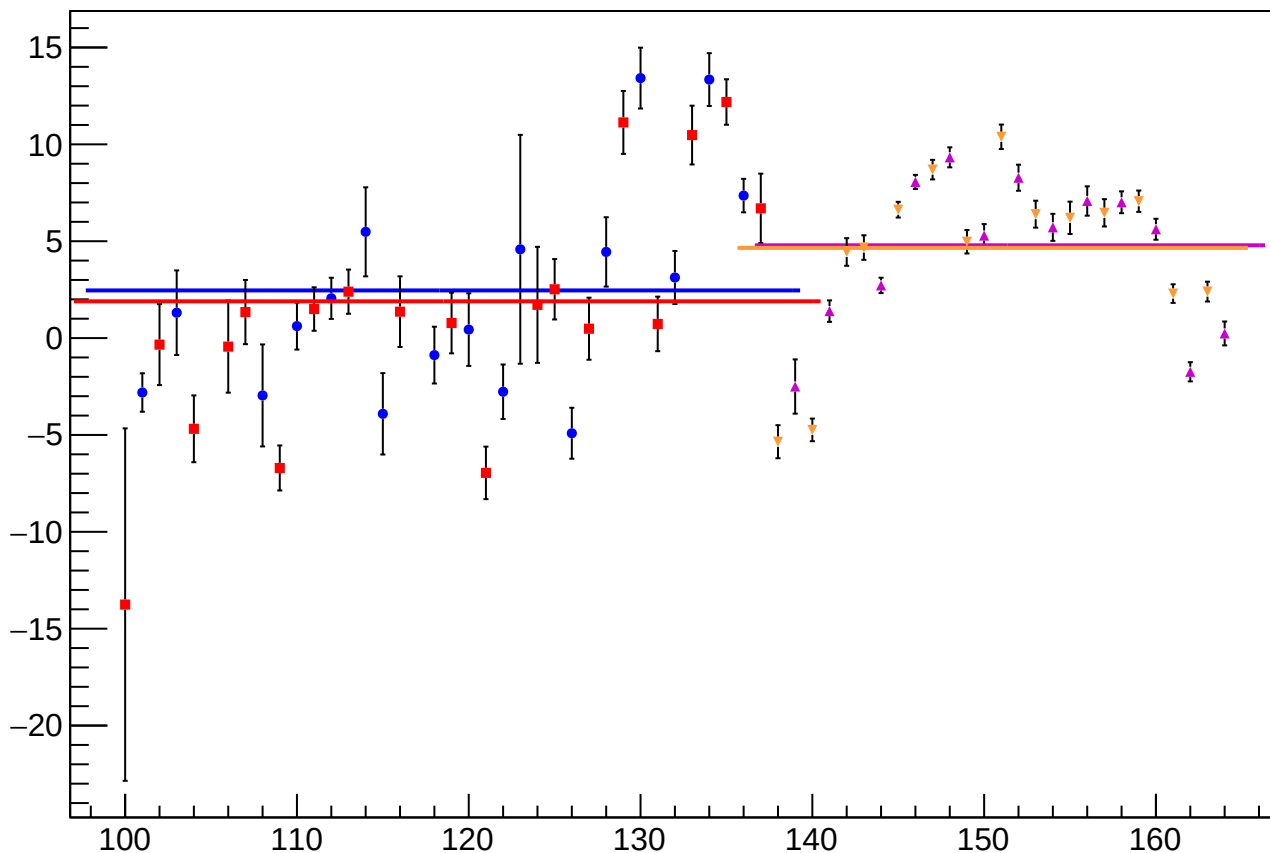
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -60.447 ± 0.173 χ^2/NDF : 3159.4/29

Out: -62.306 ± 0.179 χ^2/NDF : 2203.0/32

All: -61.346 ± 0.124 χ^2/NDF : 5418.1/62

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 4.656 $\pm$ 0.156 χ^2 /NDF: 645.8/13

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 4.789 $\pm$ 0.152 χ^2 /NDF: 534.5/12

Left: 4.724 $\pm$ 0.109 χ^2 /NDF: 1180.6/26

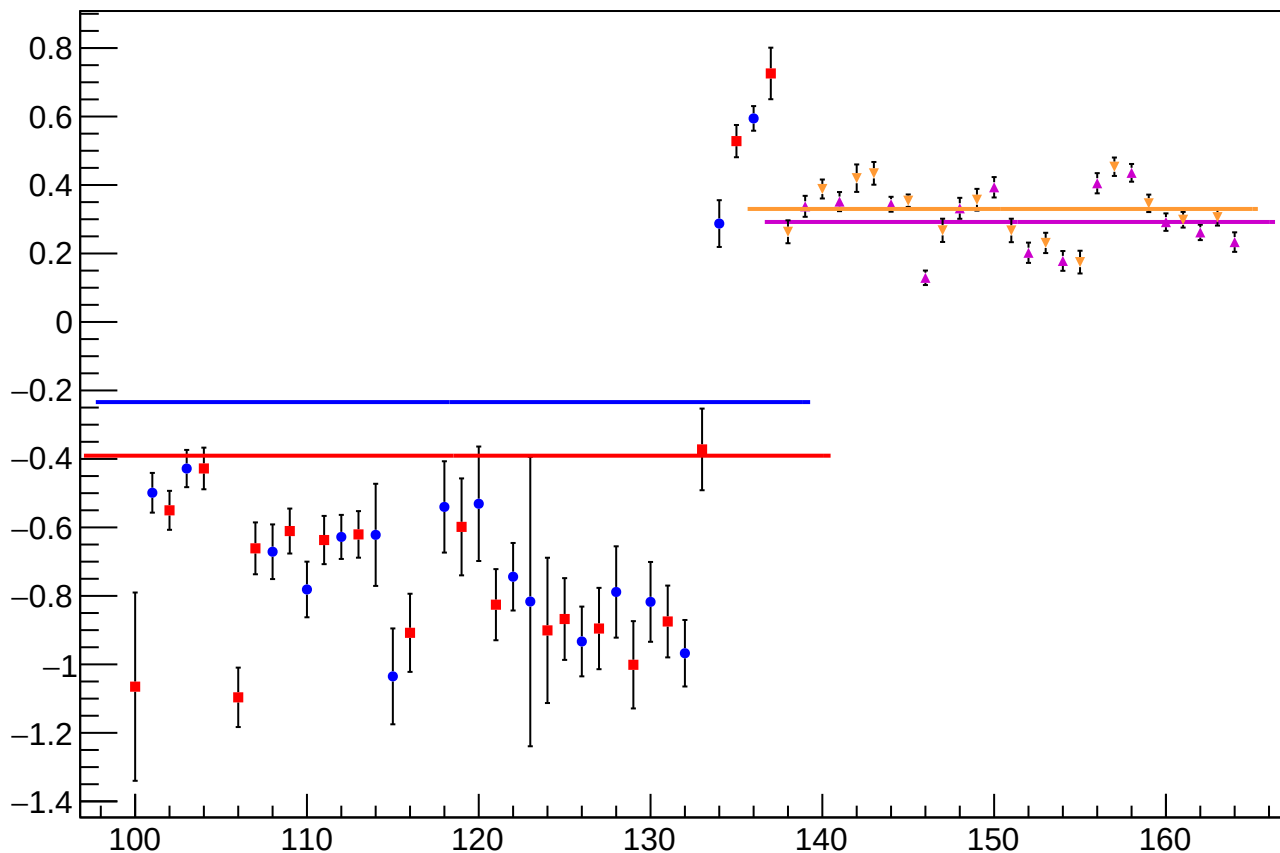
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 4.414 $\pm$ 0.139 χ^2 /NDF: 816.4/29

Out: 4.208 $\pm$ 0.143 χ^2 /NDF: 964.4/32

All: 4.314 $\pm$ 0.100 χ^2 /NDF: 1781.9/62

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: 0.330 ± 0.007 χ^2/NDF : 89.8/13

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.292 ± 0.007 χ^2/NDF : 161.2/12

Left: 0.311 ± 0.005 χ^2/NDF : 264.2/26

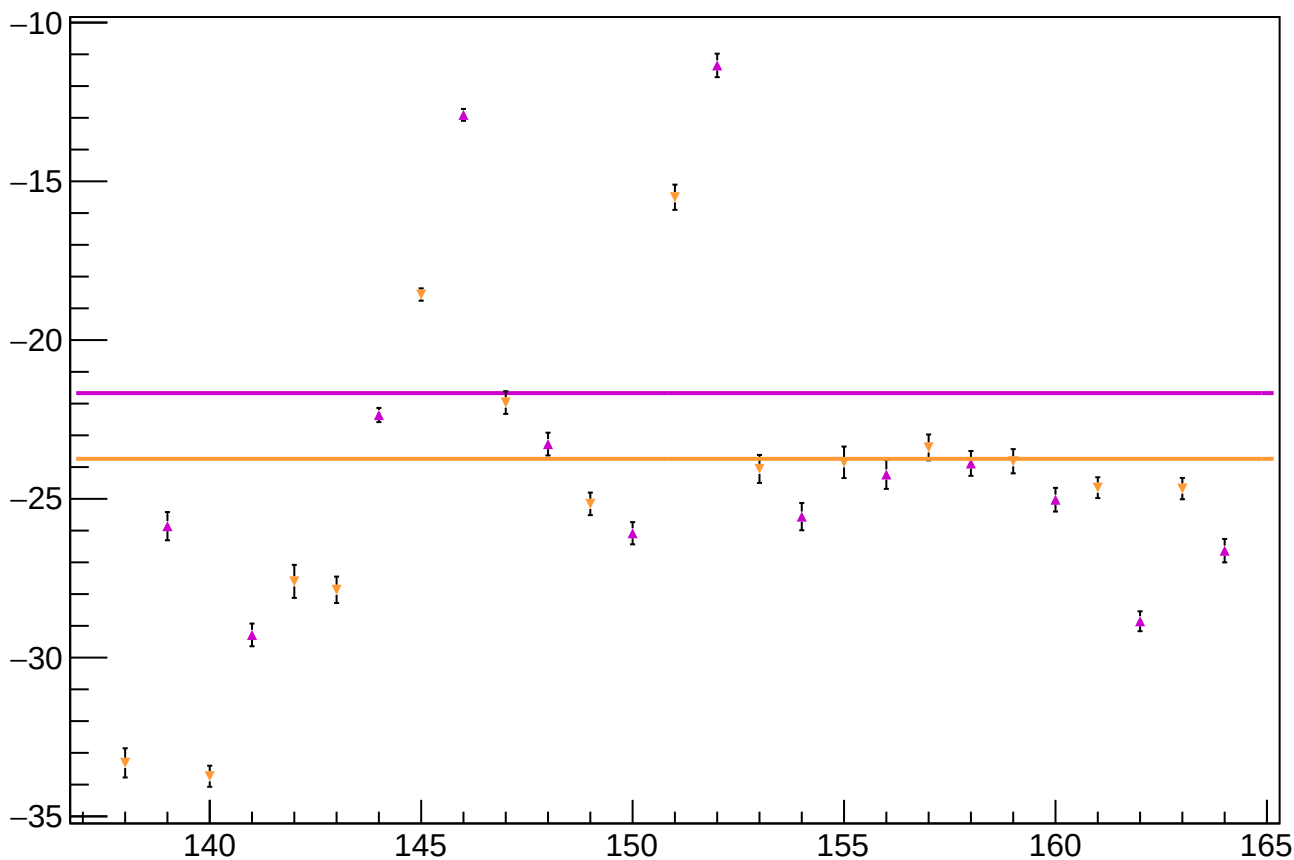
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.223 ± 0.007 χ^2/NDF : 1793.2/29

Out: 0.234 ± 0.007 χ^2/NDF : 2193.7/32

All: 0.228 ± 0.005 χ^2/NDF : 3988.0/62

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



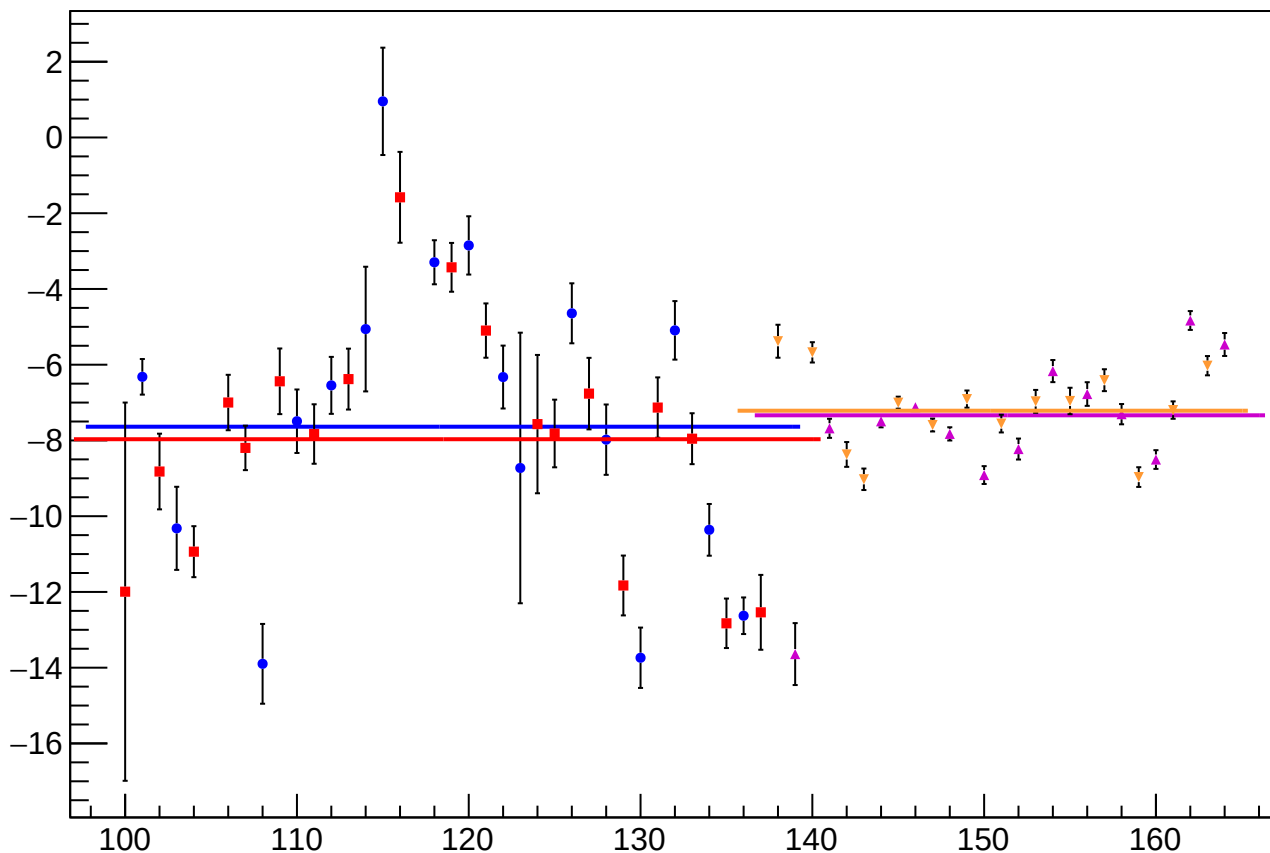
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -23.740 ± 0.095 $\chi^2/\text{NDF}: 2685.8/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -21.670 ± 0.089 $\chi^2/\text{NDF}: 4631.3/12$

Left: -22.643 ± 0.065 $\chi^2/\text{NDF}: 7571.3/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -21.670 ± 0.089 $\chi^2/\text{NDF}: 4631.3/12$
 Out: -23.740 ± 0.095 $\chi^2/\text{NDF}: 2685.8/13$

All: -22.643 ± 0.065 $\chi^2/\text{NDF}: 7571.3/26$

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: -7.215 ± 0.065 χ^2/NDF : 190.9/13

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.336 ± 0.061 χ^2/NDF : 309.8/12

Left: -7.280 ± 0.044 χ^2/NDF : 502.6/26

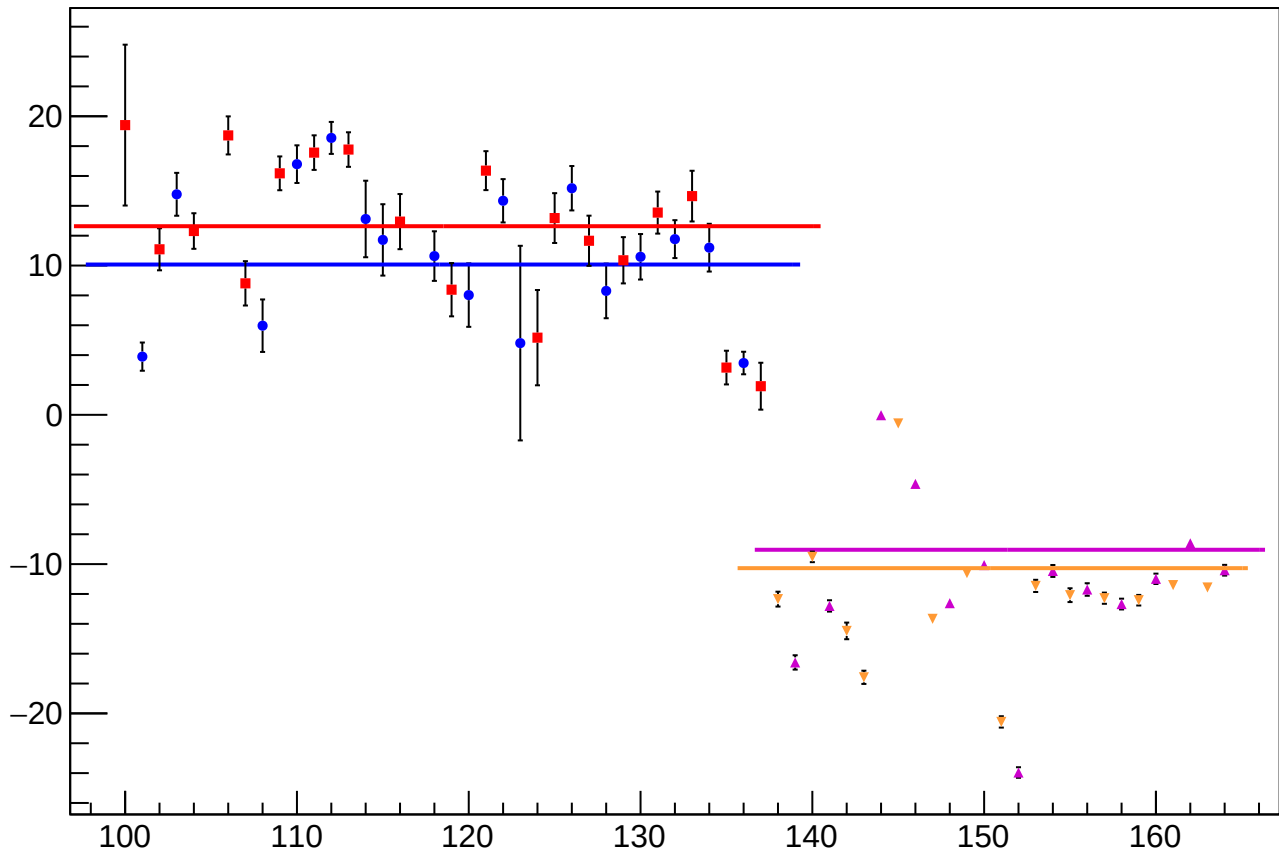
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.365 ± 0.058 χ^2/NDF : 706.2/29

Out: -2.298 ± 0.062 χ^2/NDF : 432.7/32

All: -7.334 ± 0.042 χ^2/NDF : 1139.5/62

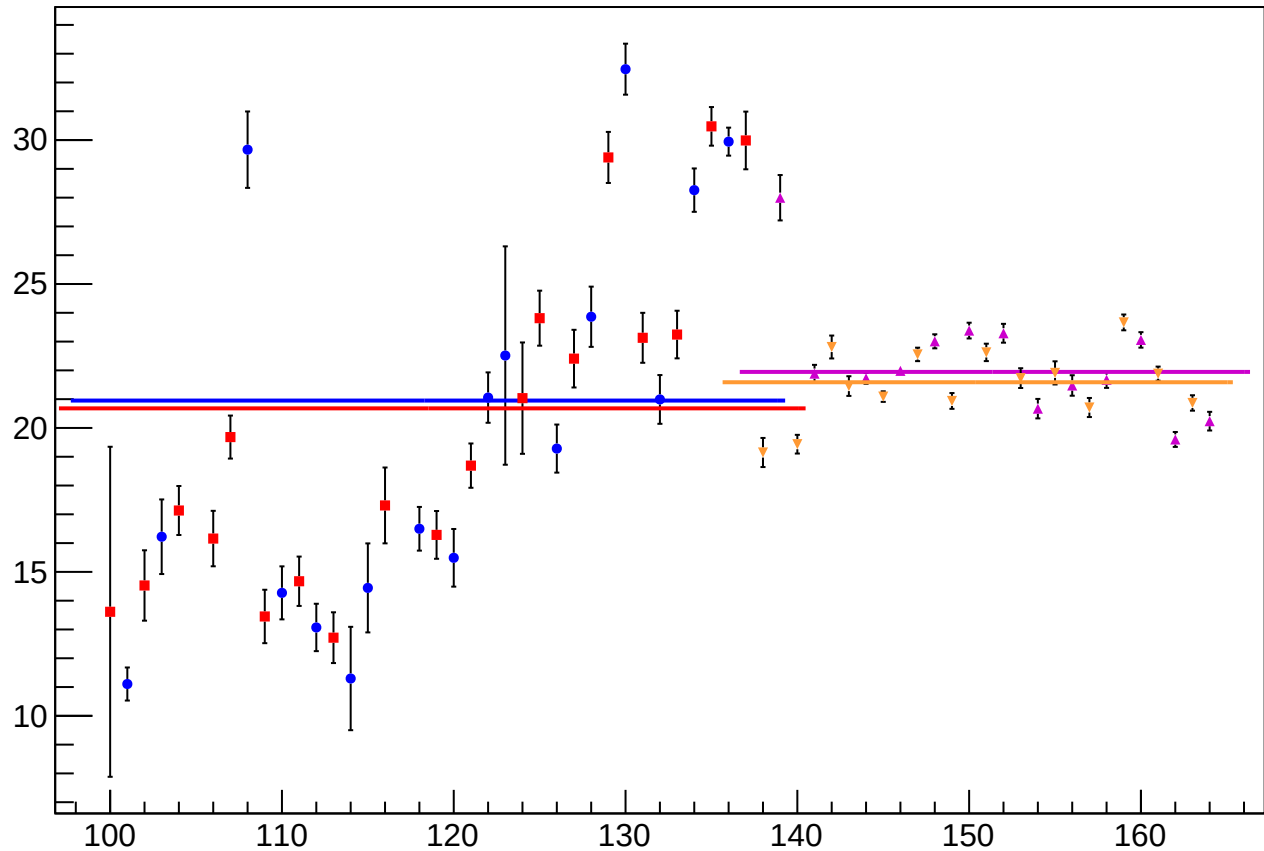
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -10.271 ± 0.094 $\chi^2/\text{NDF}: 3519.5/13$
 Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$
 Left In: -9.039 ± 0.087 $\chi^2/\text{NDF}: 4463.0/12$

Left: -9.610 ± 0.064 $\chi^2/\text{NDF}: 8075.6/26$
 Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$
 In: -7.849 ± 0.084 $\chi^2/\text{NDF}: 7723.5/29$
 Out: -8.591 ± 0.090 $\chi^2/\text{NDF}: 8138.7/32$
 All: -8.195 ± 0.062 $\chi^2/\text{NDF}: 15898.4/62$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.588 $\pm$ 0.077 χ^2 /NDF:192.5/13

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.947 $\pm$ 0.072 χ^2 /NDF:267.4/12

Left: 21.780 $\pm$ 0.053 χ^2 /NDF: 471.5/26

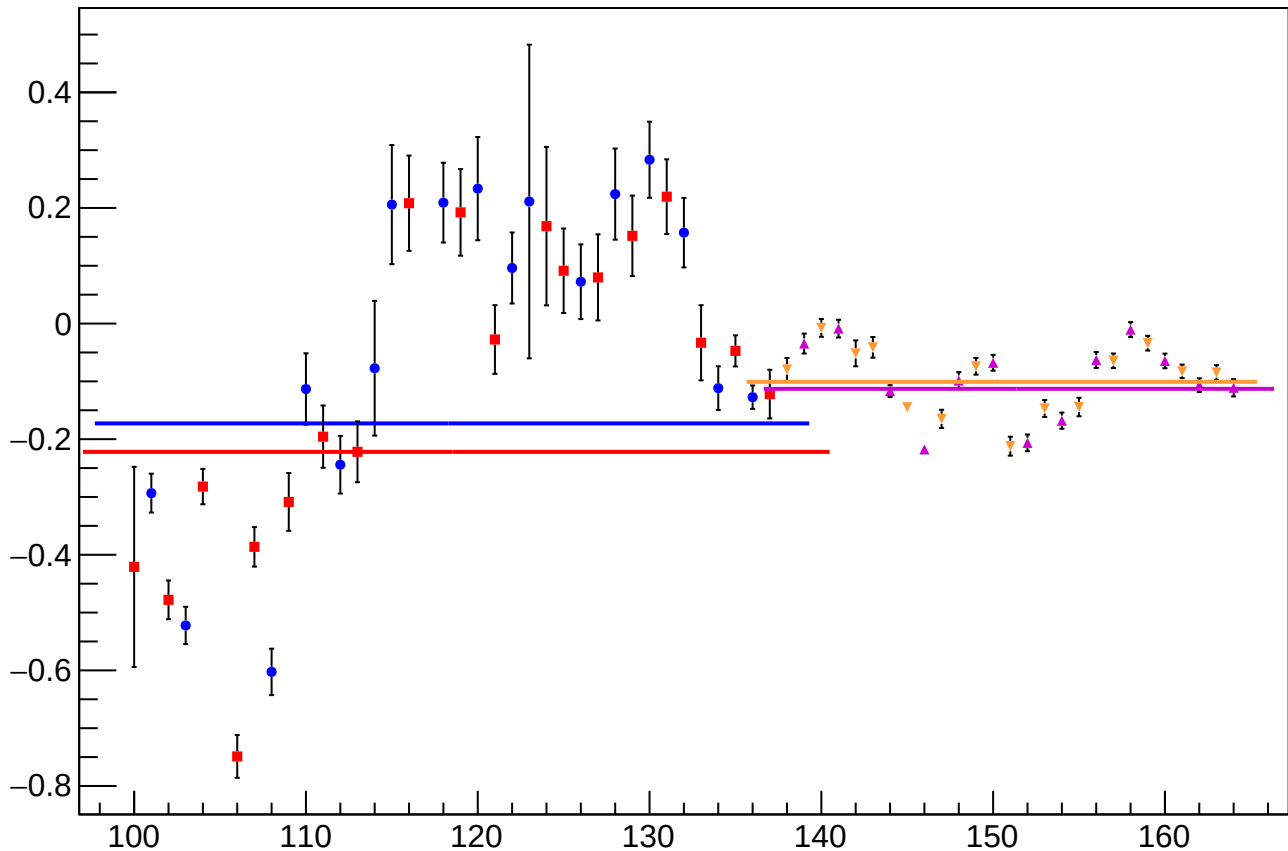
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.842 $\pm$ 0.068 χ^2 /NDF:1510.4/29

Out: 21.482 $\pm$ 0.073 χ^2 /NDF:937.0/32

All: 21.674 $\pm$ 0.050 χ^2 /NDF: 2460.5/62

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: -0.101 ± 0.004 χ^2/NDF : 207.0/13

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.113 ± 0.004 χ^2/NDF : 380.3/12

Left: -0.107 ± 0.003 χ^2/NDF : 593.0/26

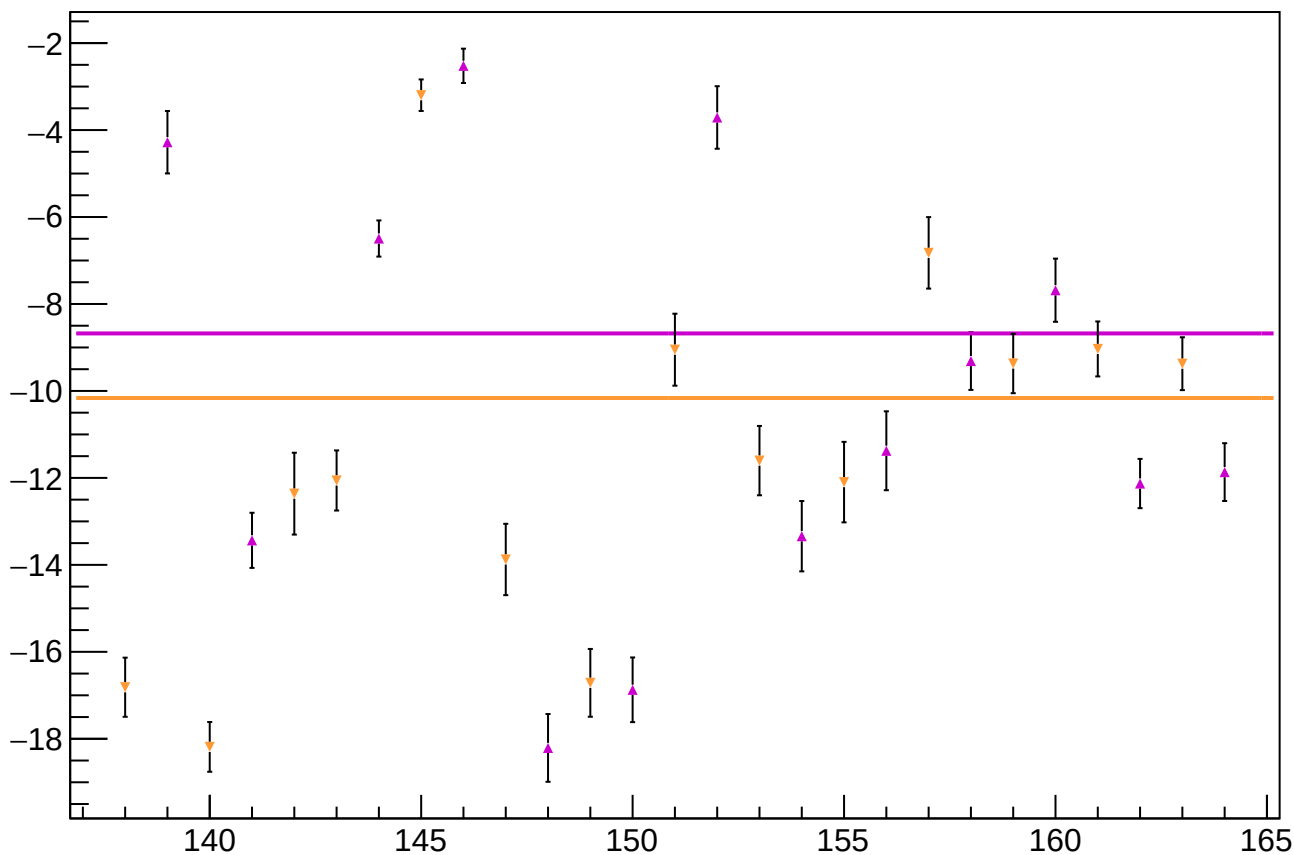
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.118 ± 0.003 χ^2/NDF : 866.6/29

Out: -0.113 ± 0.003 χ^2/NDF : 853.7/32

All: -0.116 ± 0.002 χ^2/NDF : 1721.5/62

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: -10.162+/-0.176 χ^2/NDF : 797.3/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.677+/-0.171 χ^2/NDF : 788.6/12

Left: -9.396+/-0.123 χ^2/NDF : 1622.6/26

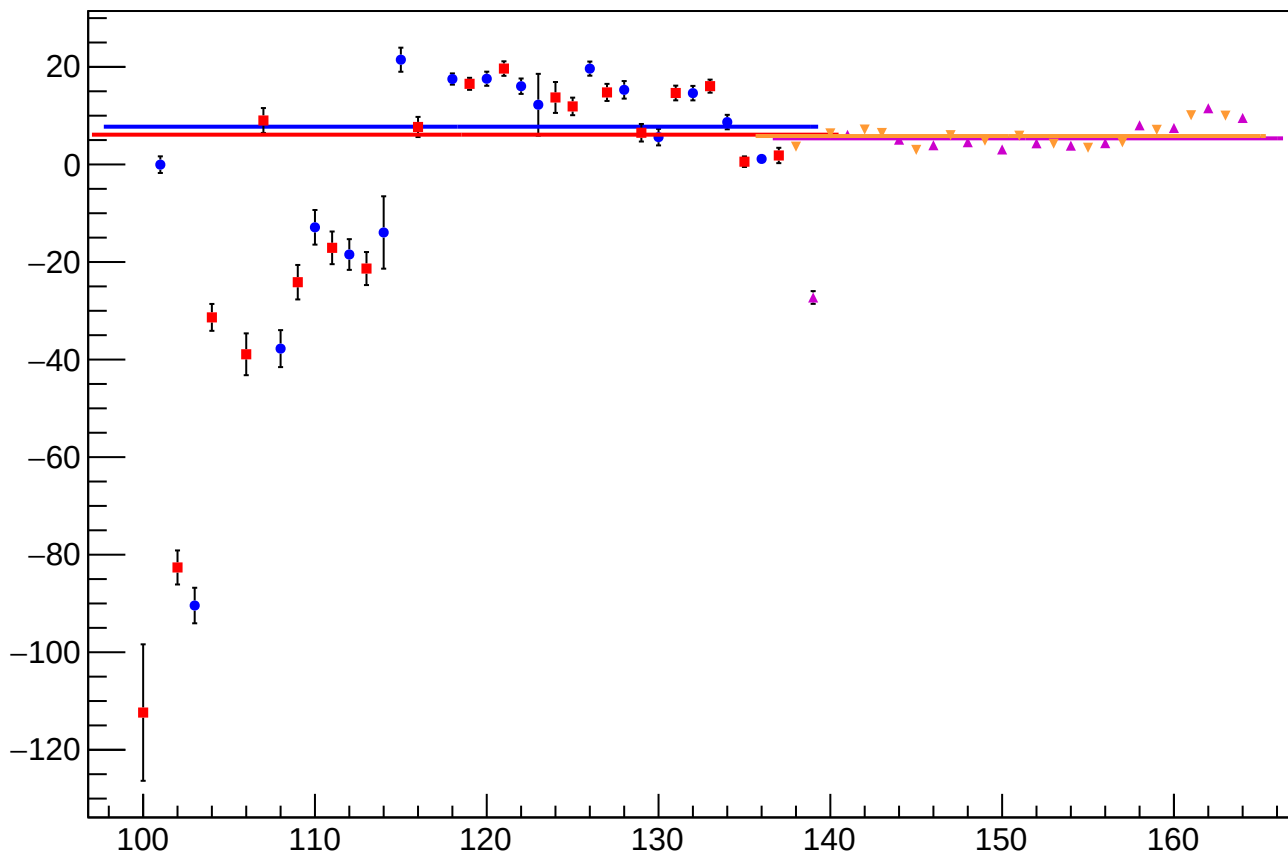
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.677+/-0.171 χ^2/NDF : 788.6/12

Out: -10.162+/-0.176 χ^2/NDF : 797.3/13

All: -9.396+/-0.123 χ^2/NDF : 1622.6/26

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: 5.829 ± 0.125 χ^2/NDF : 329.9/13

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.351 ± 0.119 χ^2/NDF : 995.8/12

Left: 5.579 ± 0.086 χ^2/NDF : 1333.3/26

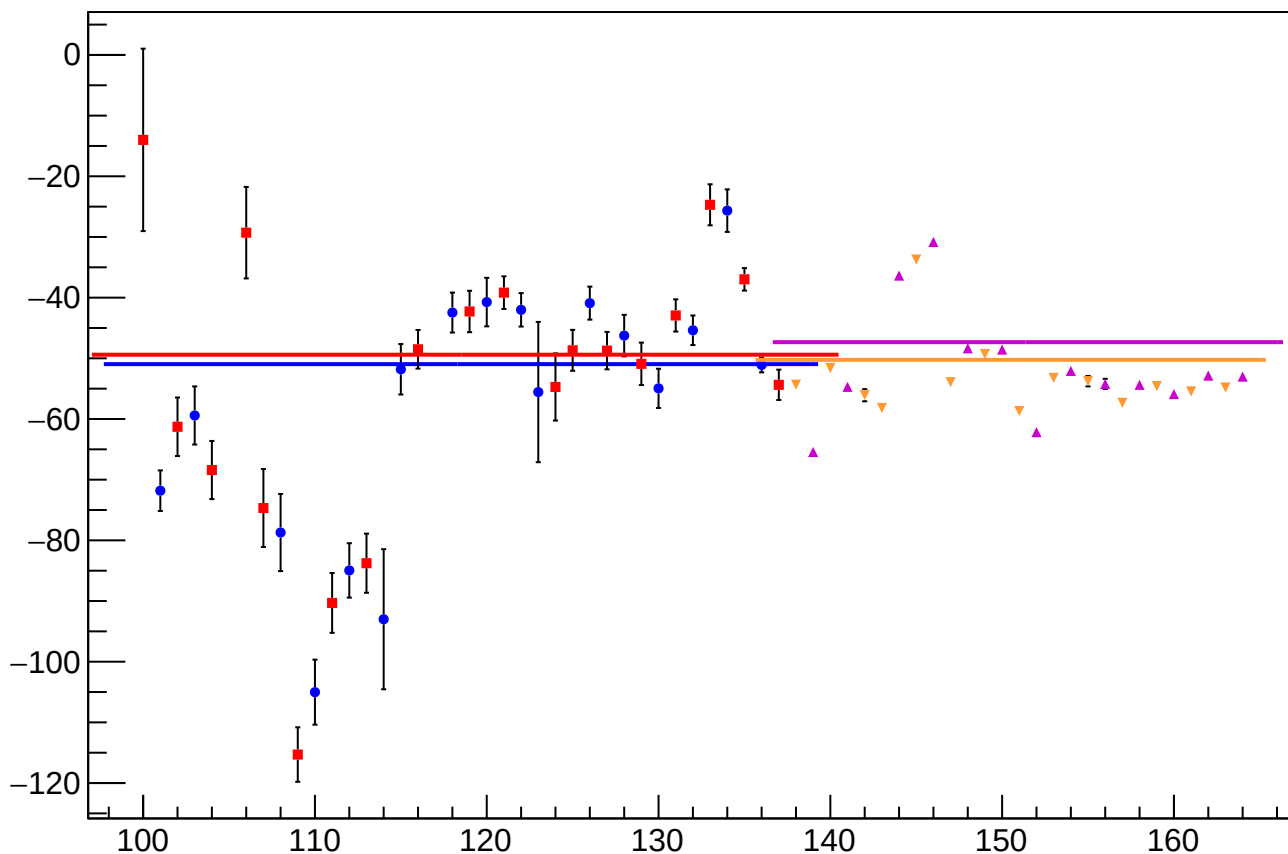
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.544 ± 0.114 χ^2/NDF : 2387.0/29

Out: 5.850 ± 0.120 χ^2/NDF : 1847.9/32

All: 5.690 ± 0.083 χ^2/NDF : 4238.4/62

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: -50.254 ± 0.176 χ^2/NDF : 2444.3/13

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -47.336 ± 0.167 χ^2/NDF : 4205.5/12

Left: -48.722 ± 0.121 χ^2/NDF : 6794.0/26

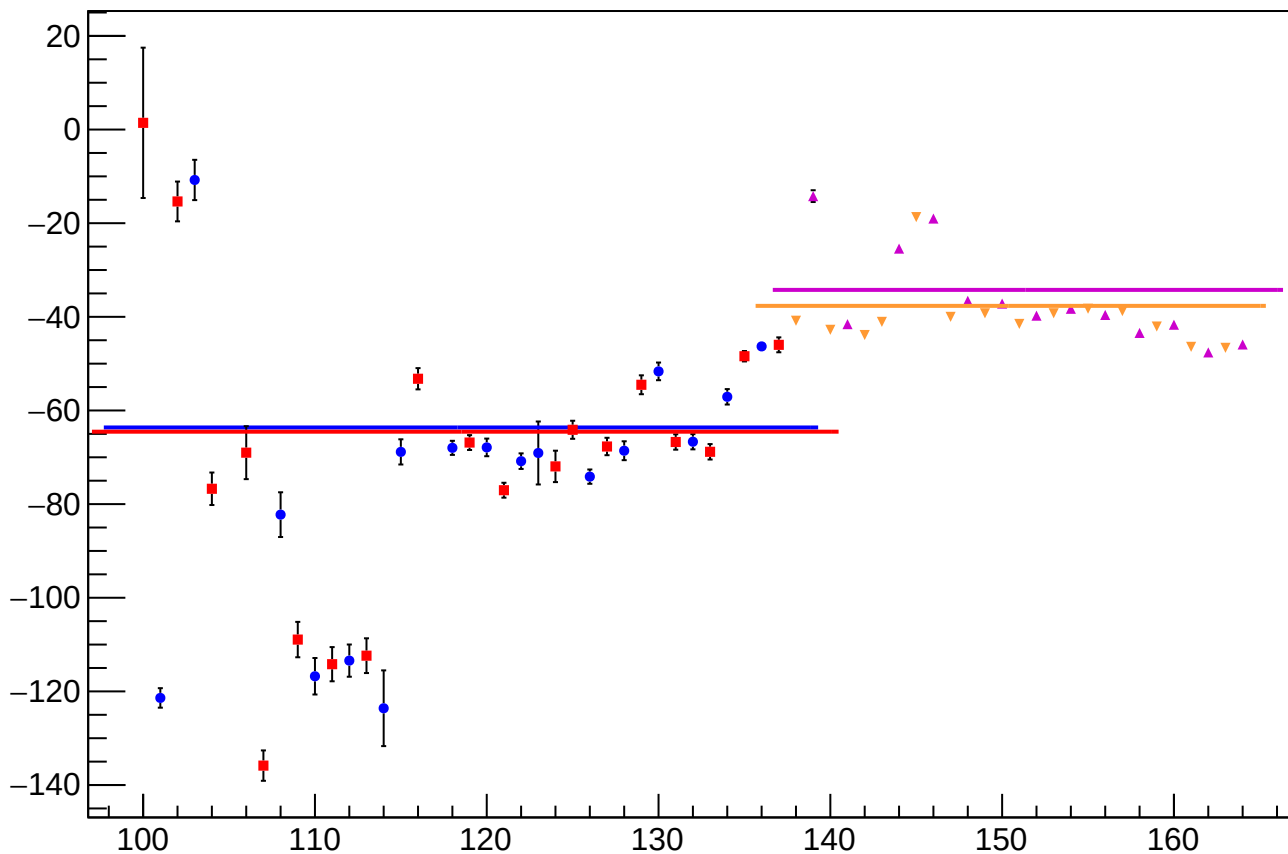
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -47.514 ± 0.163 χ^2/NDF : 4560.3/29

Out: -50.214 ± 0.172 χ^2/NDF : 2957.4/32

All: -48.794 ± 0.118 χ^2/NDF : 7647.4/62

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: -37.658 ± 0.146 χ^2/NDF : 4273.3/13

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -34.245 ± 0.140 χ^2/NDF : 5396.6/12

Left: -35.883 ± 0.101 χ^2/NDF : 9955.7/26

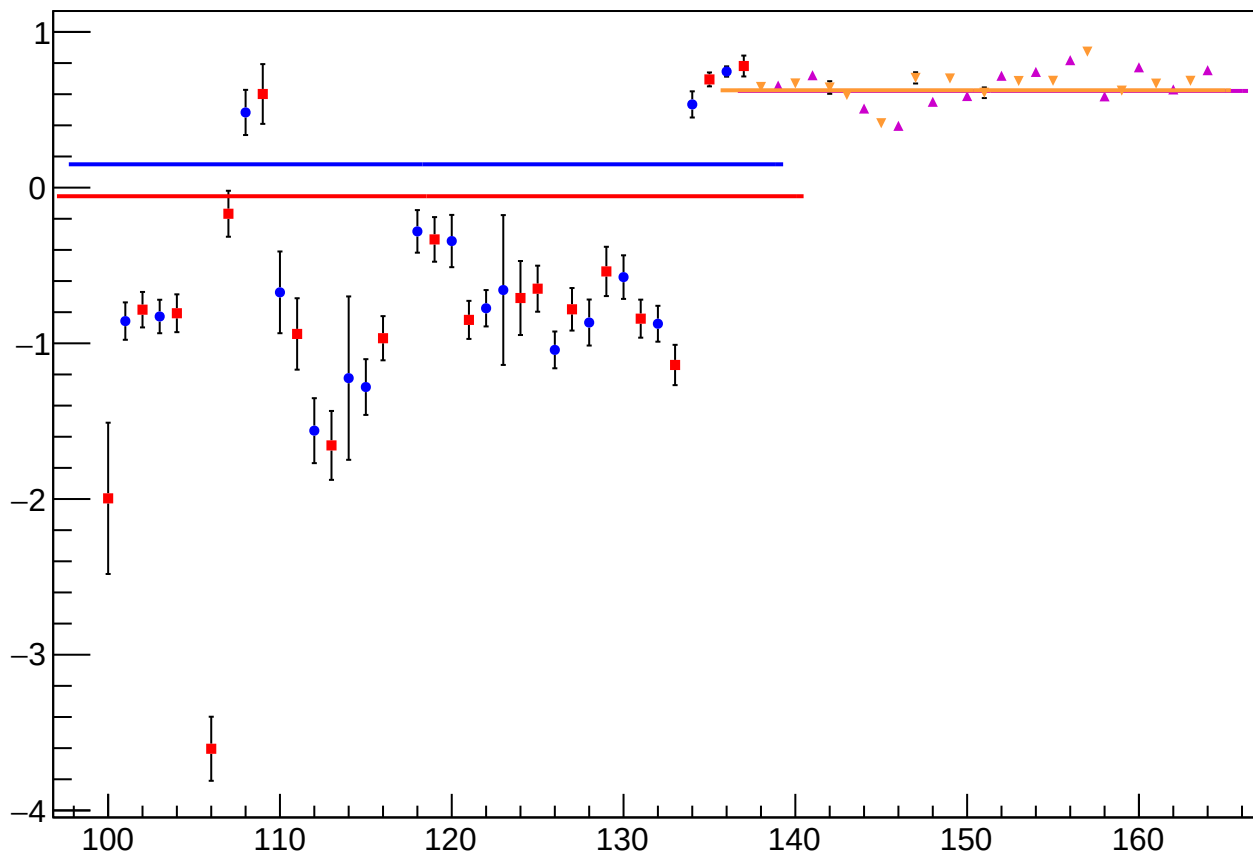
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -36.879 ± 0.133 χ^2/NDF : 11362.7/29

Out: -39.905 ± 0.139 χ^2/NDF : 8733.5/32

All: -38.327 ± 0.096 χ^2/NDF : 20342.1/62

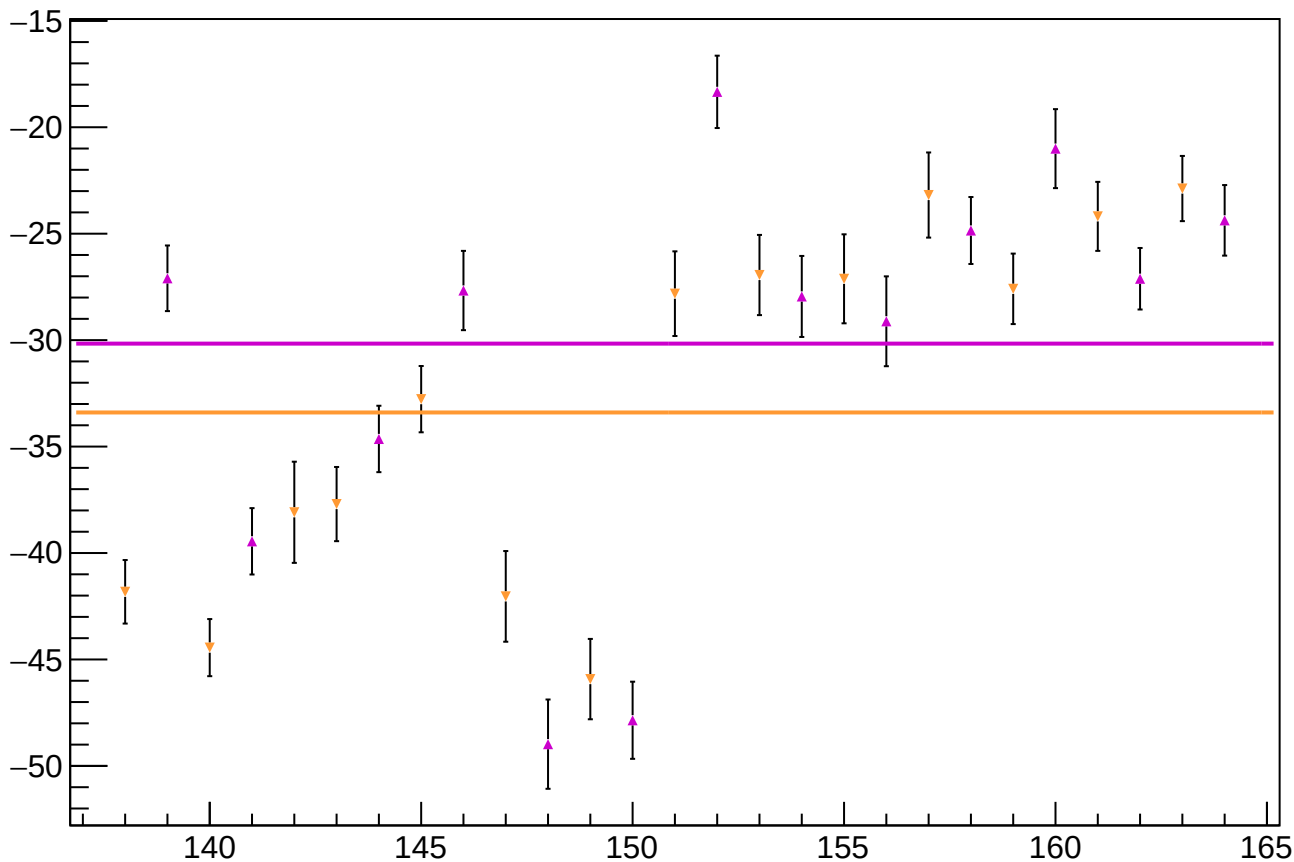
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.625 ± 0.007 χ^2/NDF : 323.6/13
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.621 ± 0.007 χ^2/NDF : 362.8/12

Left: 0.623 ± 0.005 χ^2/NDF : 686.6/26
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.586 ± 0.006 χ^2/NDF : 1709.6/29
 Out: 0.581 ± 0.007 χ^2/NDF : 2124.8/32
 All: 0.584 ± 0.005 χ^2/NDF : 3834.7/62

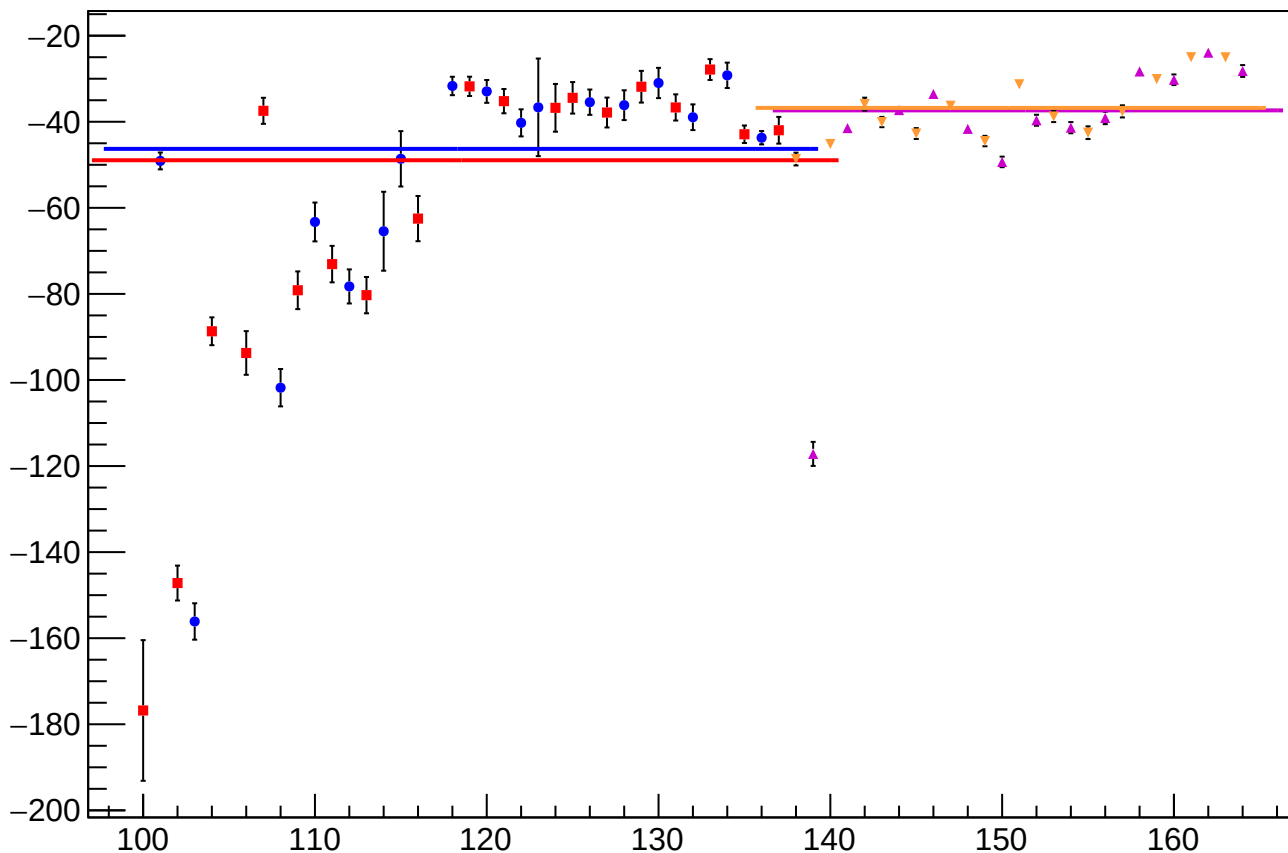
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.398 ± 0.466 χ^2/NDF : 316.8/13
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -30.164 ± 0.474 χ^2/NDF : 327.8/12

Left: -31.810 ± 0.332 χ^2/NDF : 668.3/26
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -30.164 ± 0.474 χ^2/NDF : 327.8/12
 Out: -33.398 ± 0.466 χ^2/NDF : 316.8/13
 All: -31.810 ± 0.332 χ^2/NDF : 668.3/26

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -36.778 ± 0.328 χ^2/NDF : 477.3/13

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -37.357 ± 0.341 χ^2/NDF : 1251.8/12

Left: -37.057 ± 0.236 χ^2/NDF : 1730.7/26

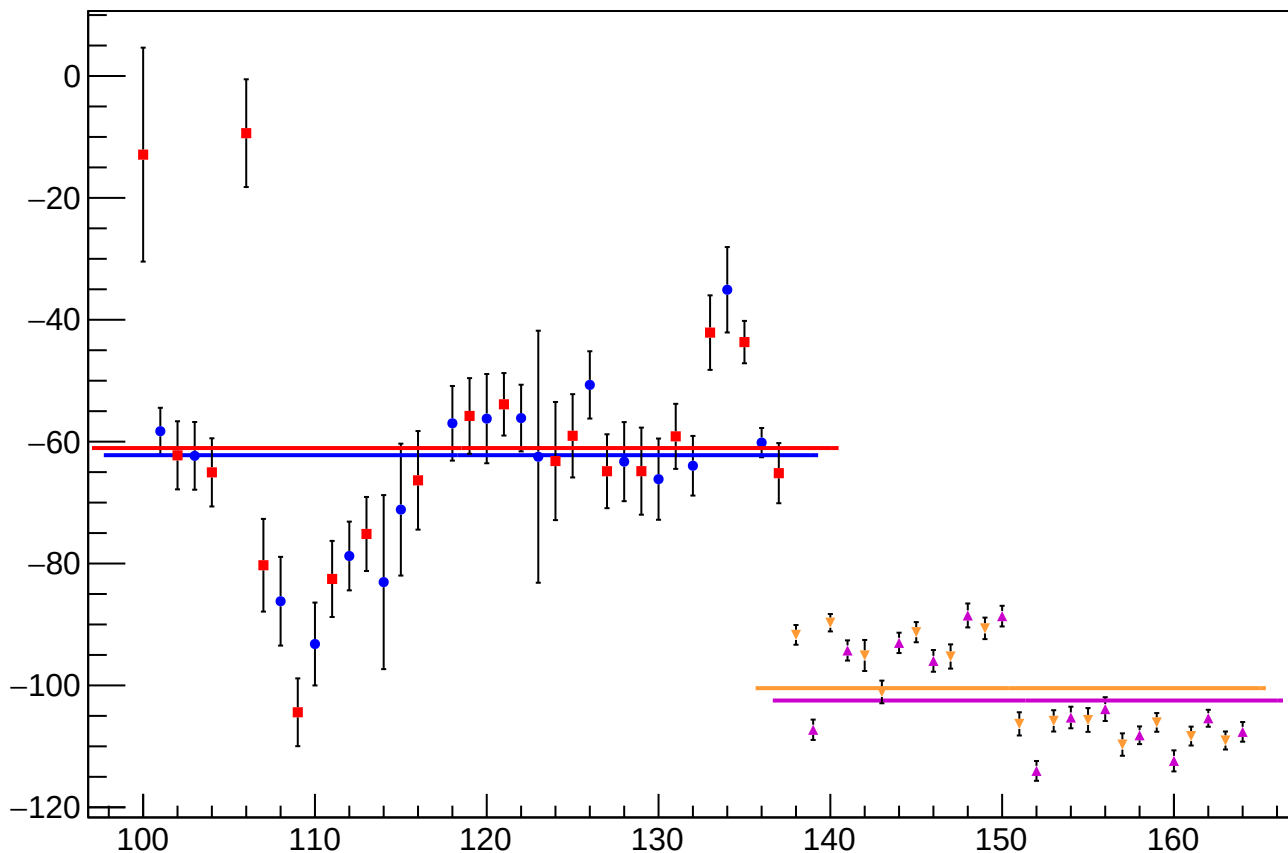
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -38.981 ± 0.308 χ^2/NDF : 2460.8/29

Out: -38.681 ± 0.302 χ^2/NDF : 1965.7/32

All: -38.828 ± 0.216 χ^2/NDF : 4427.1/62

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -100.452 ± 0.460 χ^2/NDF : 283.2/13

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -102.478 ± 0.463 χ^2/NDF : 311.7/12

Left: -101.460 ± 0.326 χ^2/NDF : 604.6/26

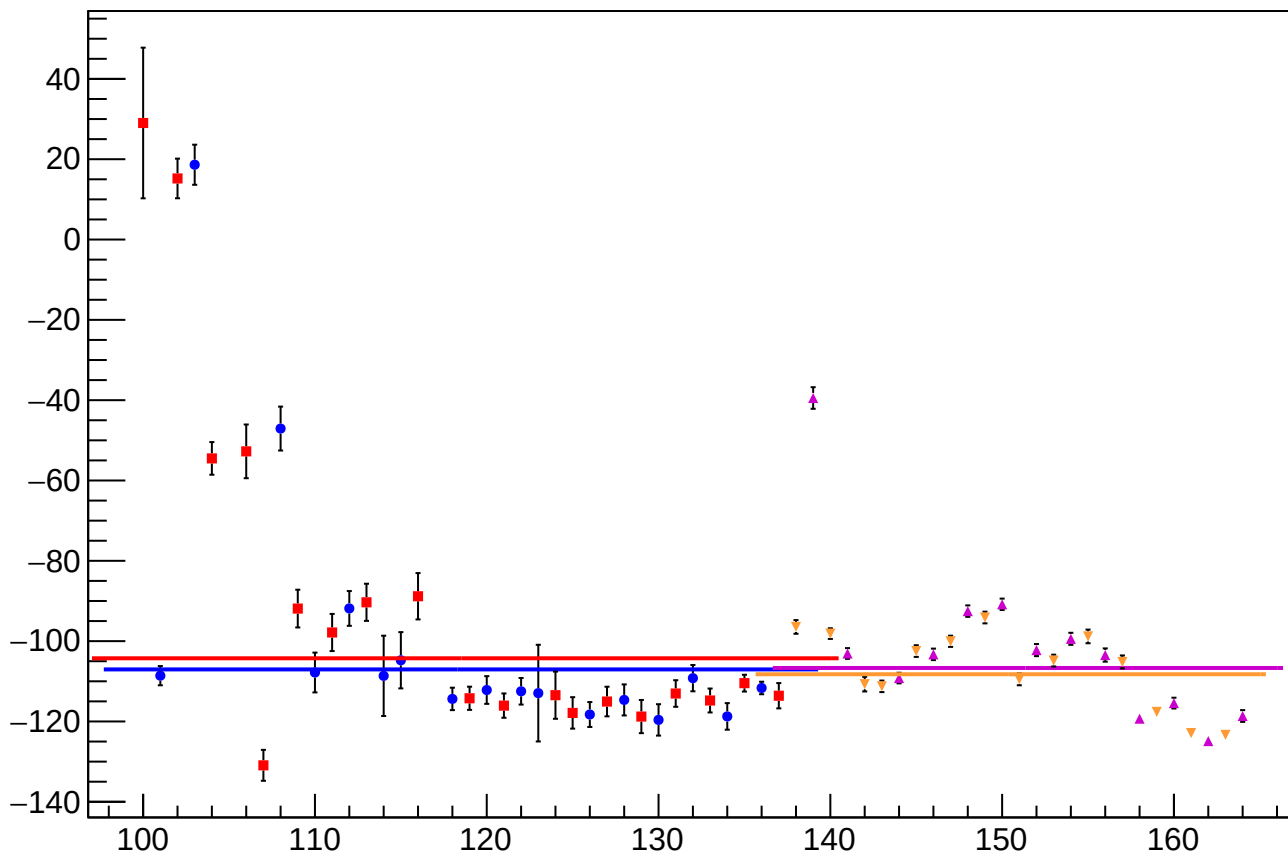
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -98.025 ± 0.436 χ^2/NDF : 1216.9/29

Out: -96.497 ± 0.437 χ^2/NDF : 1184.0/32

All: -97.262 ± 0.309 χ^2/NDF : 2407.0/62

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: -108.244 ± 0.383 χ^2/NDF : 656.0/13

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -106.682 ± 0.393 χ^2/NDF : 1360.7/12

Left: -107.484 ± 0.274 χ^2/NDF : 2024.7/26

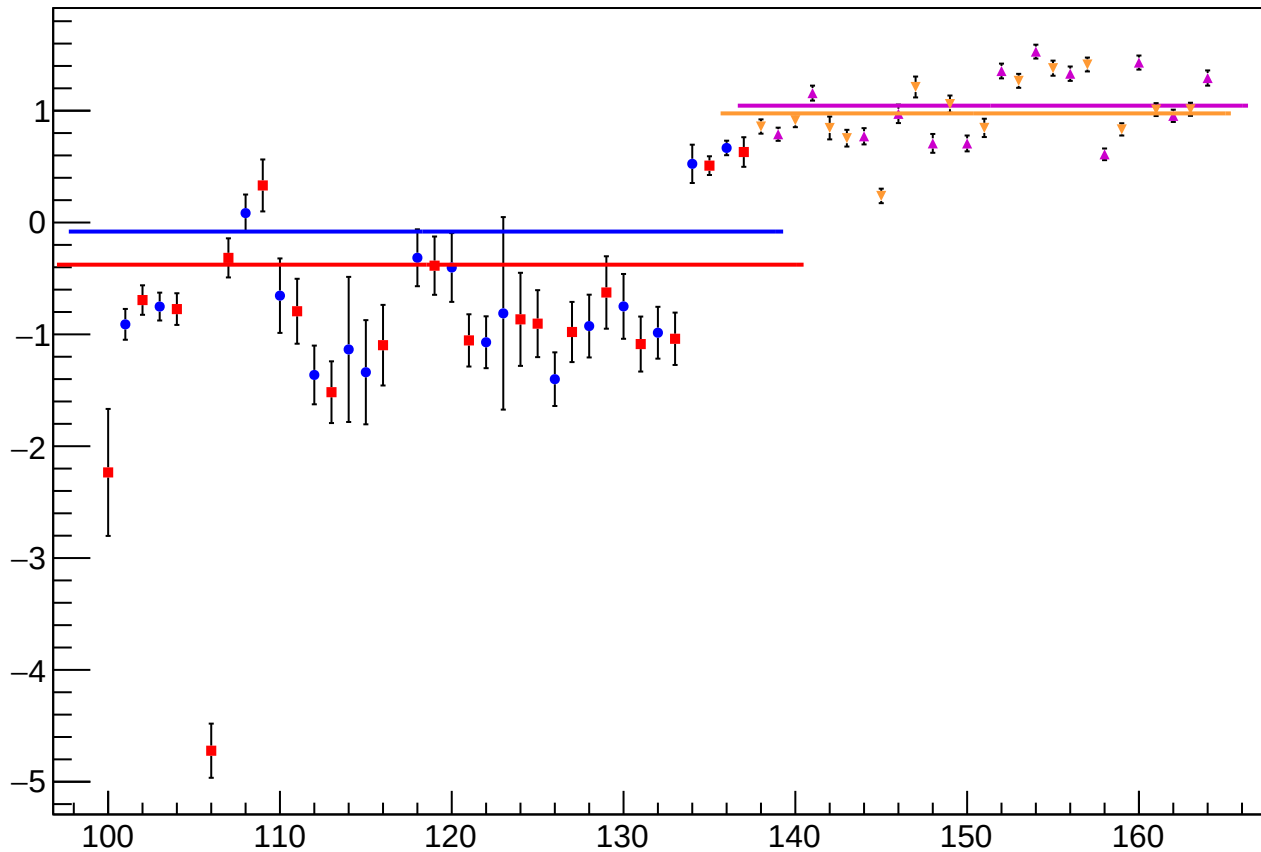
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -106.750 ± 0.354 χ^2/NDF : 2188.7/29

Out: -107.587 ± 0.350 χ^2/NDF : 1691.9/32

All: -107.173 ± 0.249 χ^2/NDF : 3883.4/62

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: 0.976 ± 0.018 χ^2/NDF : 268.8/13

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.045 ± 0.018 χ^2/NDF : 300.5/12

Left: 1.010 ± 0.013 χ^2/NDF : 576.8/26

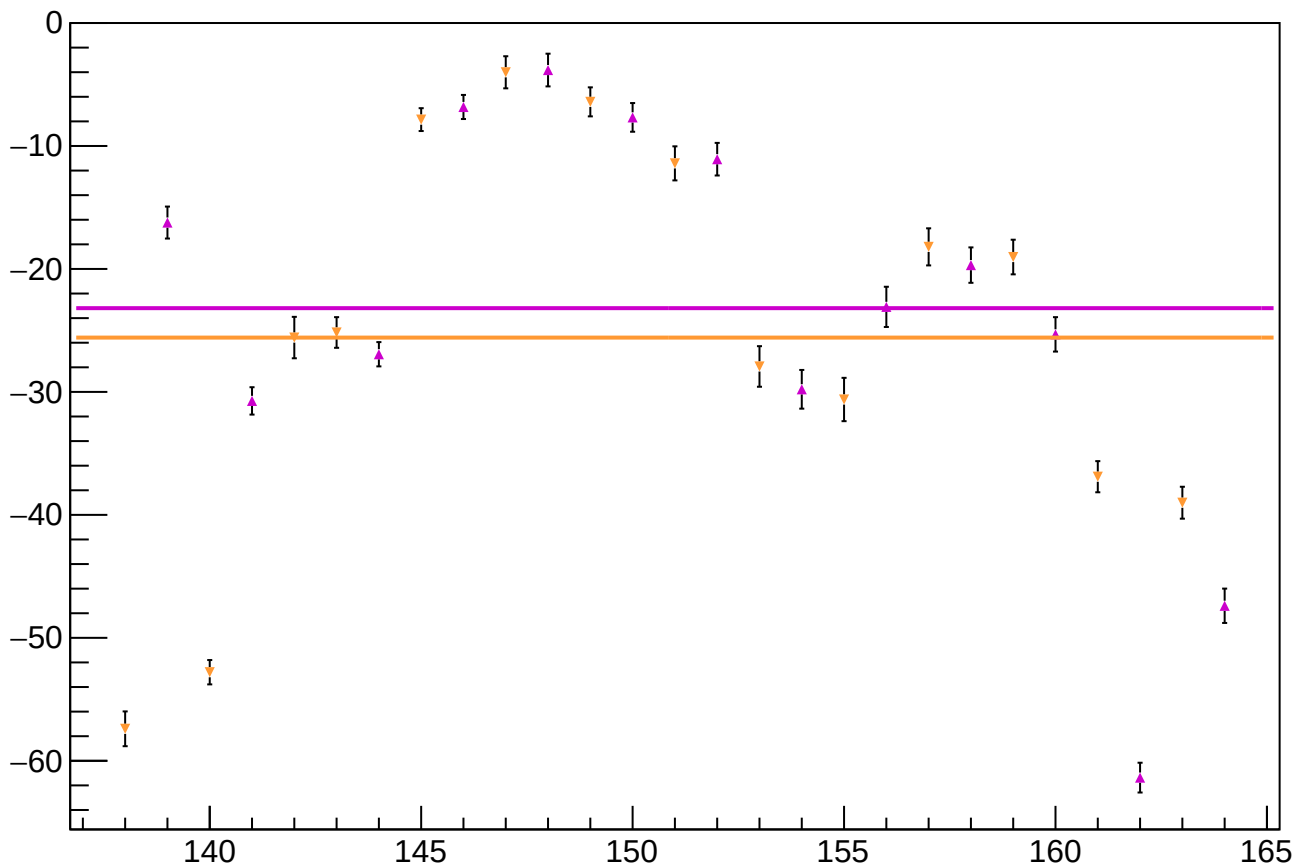
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.871 ± 0.017 χ^2/NDF : 1231.6/29

Out: 0.782 ± 0.017 χ^2/NDF : 1666.7/32

All: 0.827 ± 0.012 χ^2/NDF : 2912.8/62

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



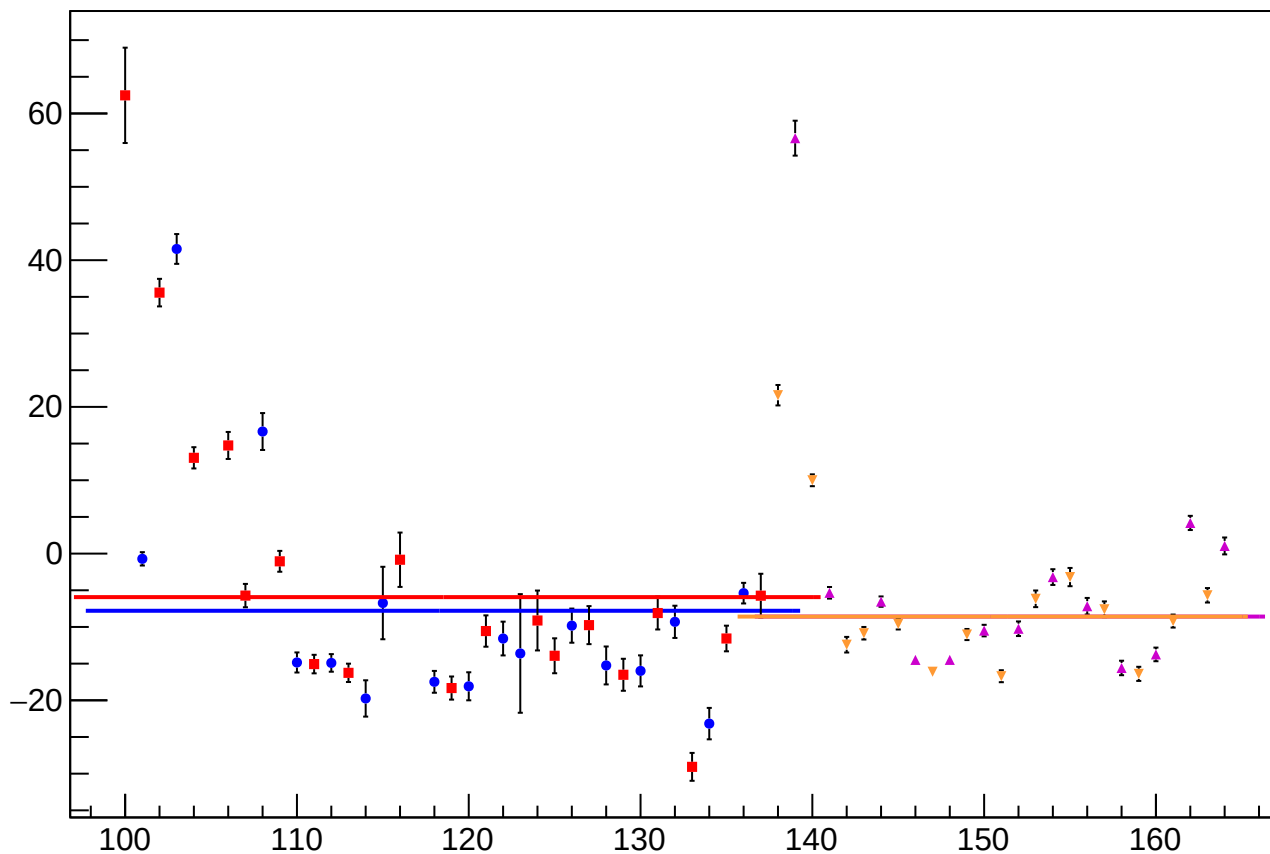
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.583+/-0.346 χ^2/NDF :2509.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -23.189+/-0.347 χ^2/NDF :2160.2/12

Left: -24.390+/-0.245 χ^2/NDF : 4693.5/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.189+/-0.347 χ^2/NDF :2160.2/12
 Out: -25.583+/-0.346 χ^2/NDF :2509.5/13

All: -24.390+/-0.245 χ^2/NDF : 4693.5/26

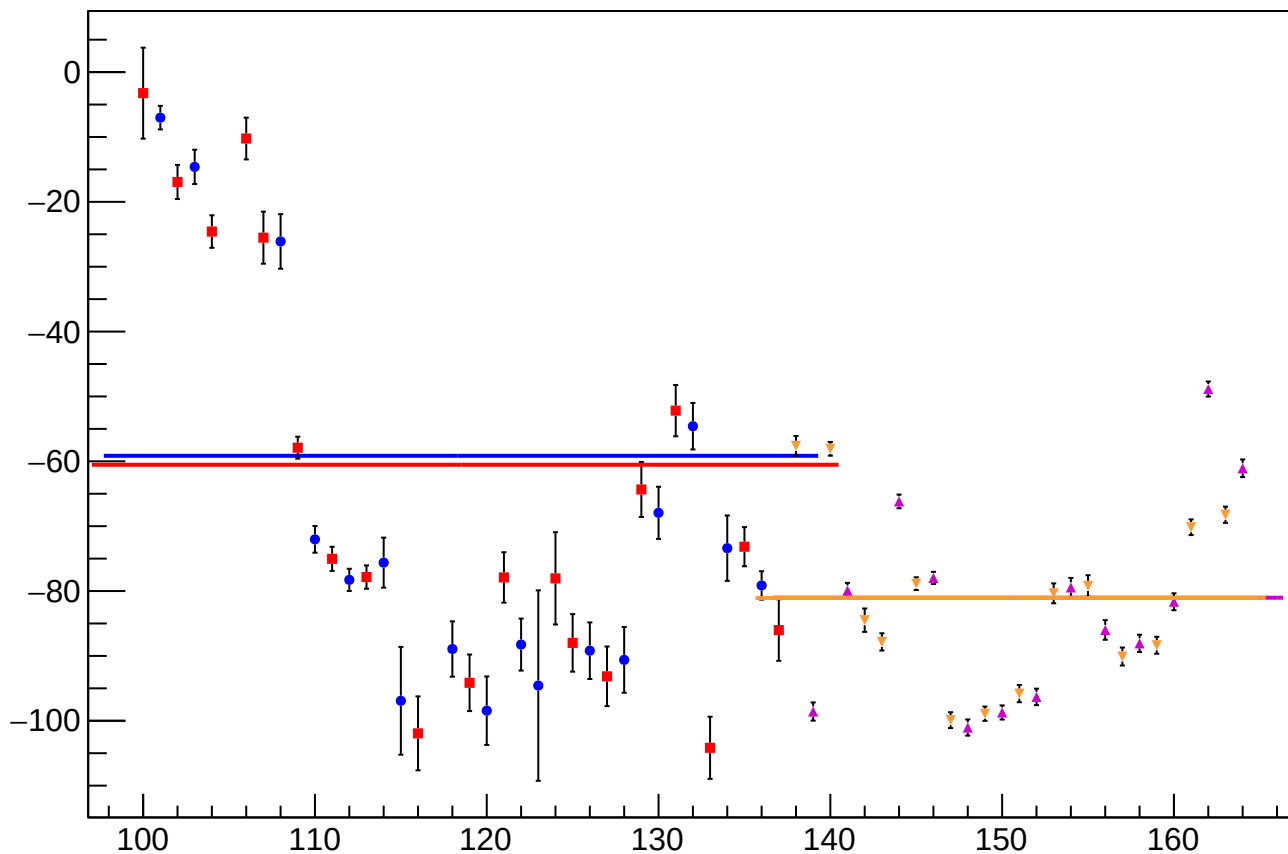
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -8.586 ± 0.239 χ^2/NDF : 1373.0/13
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -8.585 ± 0.242 χ^2/NDF : 1311.1/12

Left: -8.586 ± 0.170 χ^2/NDF : 2684.1/26
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -8.393 ± 0.211 χ^2/NDF : 2296.4/29
 Out: -7.957 ± 0.209 χ^2/NDF : 2696.5/32
 All: -8.173 ± 0.148 χ^2/NDF : 4995.0/62

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -81.049 +/- 0.241 χ^2/NDF : 3675.5/26

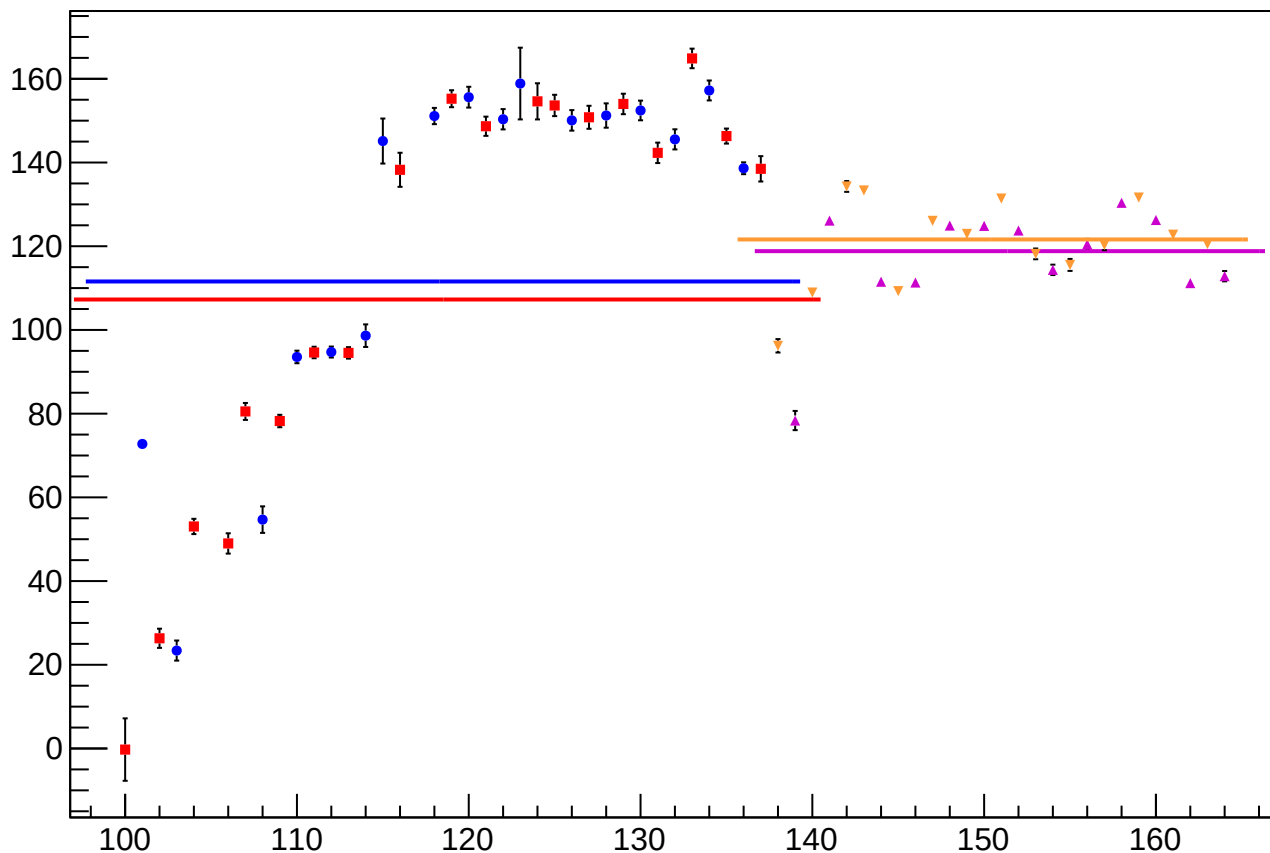
Right: -59.879 +/- 0.512 χ^2/NDF : 3105.4/35

In: -77.269 +/- 0.309 χ^2/NDF : 4478.2/29

Out: -77.139 +/- 0.308 χ^2/NDF : 3702.7/32

All: -77.204 +/- 0.218 χ^2/NDF : 8181.0/62

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: 121.618 $\pm$ 0.283 χ^2 /NDF:1086.6/13

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 118.824 $\pm$ 0.284 χ^2 /NDF:920.9/12

Left: 120.230 $\pm$ 0.200 χ^2 /NDF: 2056.1/26

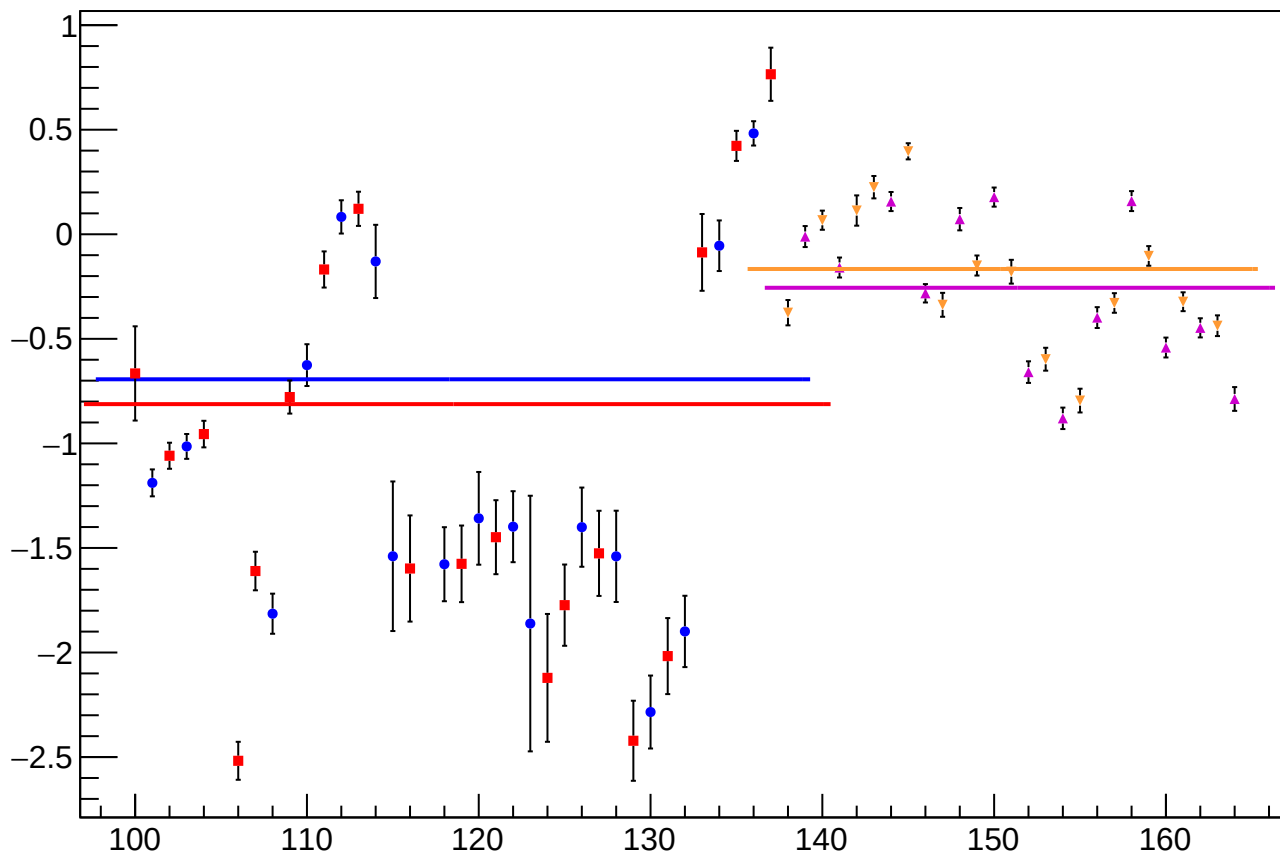
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 116.984 $\pm$ 0.246 χ^2 /NDF:7031.6/29

Out: 118.011 $\pm$ 0.244 χ^2 /NDF:8779.5/32

All: 117.500 $\pm$ 0.173 χ^2 /NDF: 15819.8/62

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: -0.166 ± 0.014 χ^2/NDF : 568.5/13

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.256 ± 0.014 χ^2/NDF : 671.3/12

Left: -0.211 ± 0.010 χ^2/NDF : 1261.9/26

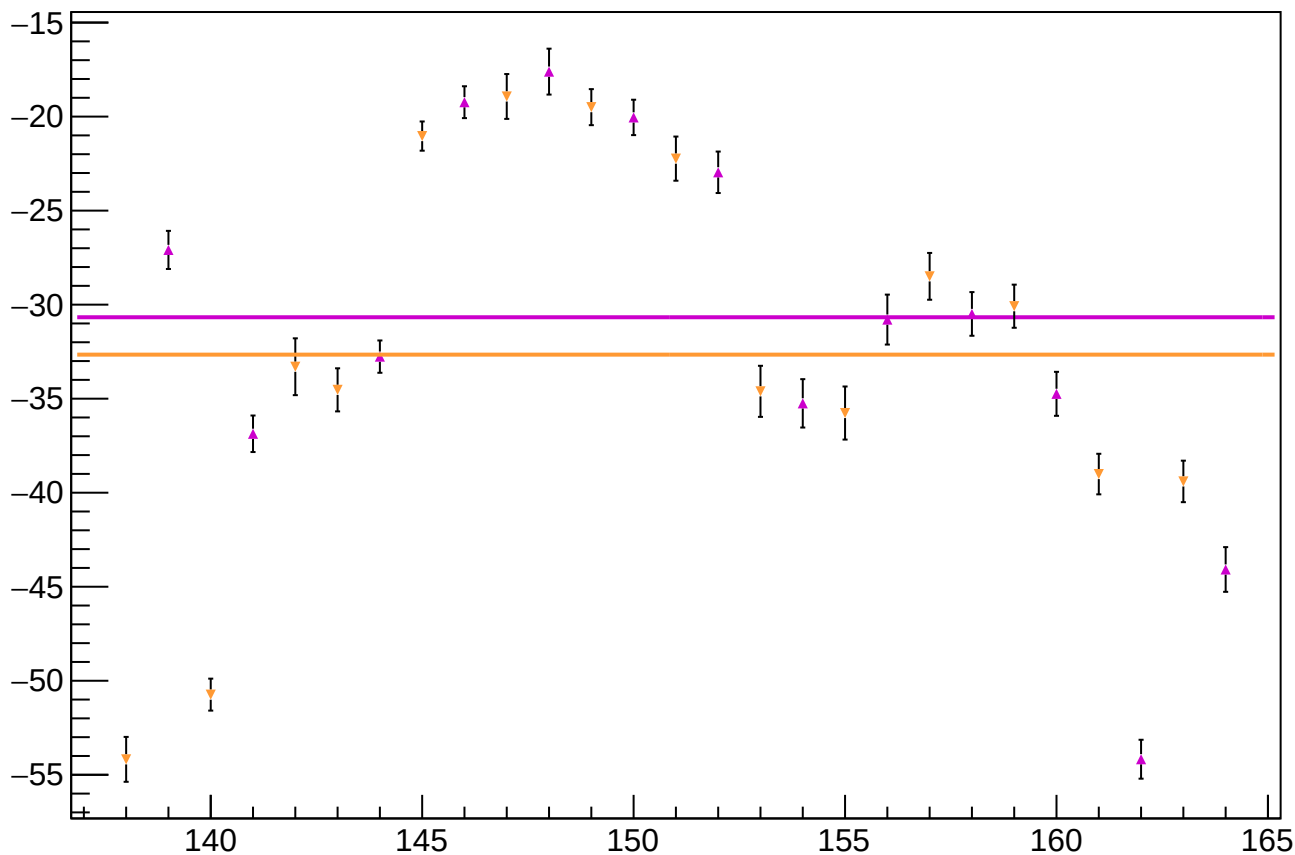
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.350 ± 0.012 χ^2/NDF : 1887.8/29

Out: -0.319 ± 0.012 χ^2/NDF : 2416.3/32

All: -0.334 ± 0.008 χ^2/NDF : 4307.6/62

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: -32.658 ± 0.294 χ^2/NDF : 1499.5/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -30.670 ± 0.292 χ^2/NDF : 1200.4/12

Left: -31.660 ± 0.207 χ^2/NDF : 2722.9/26

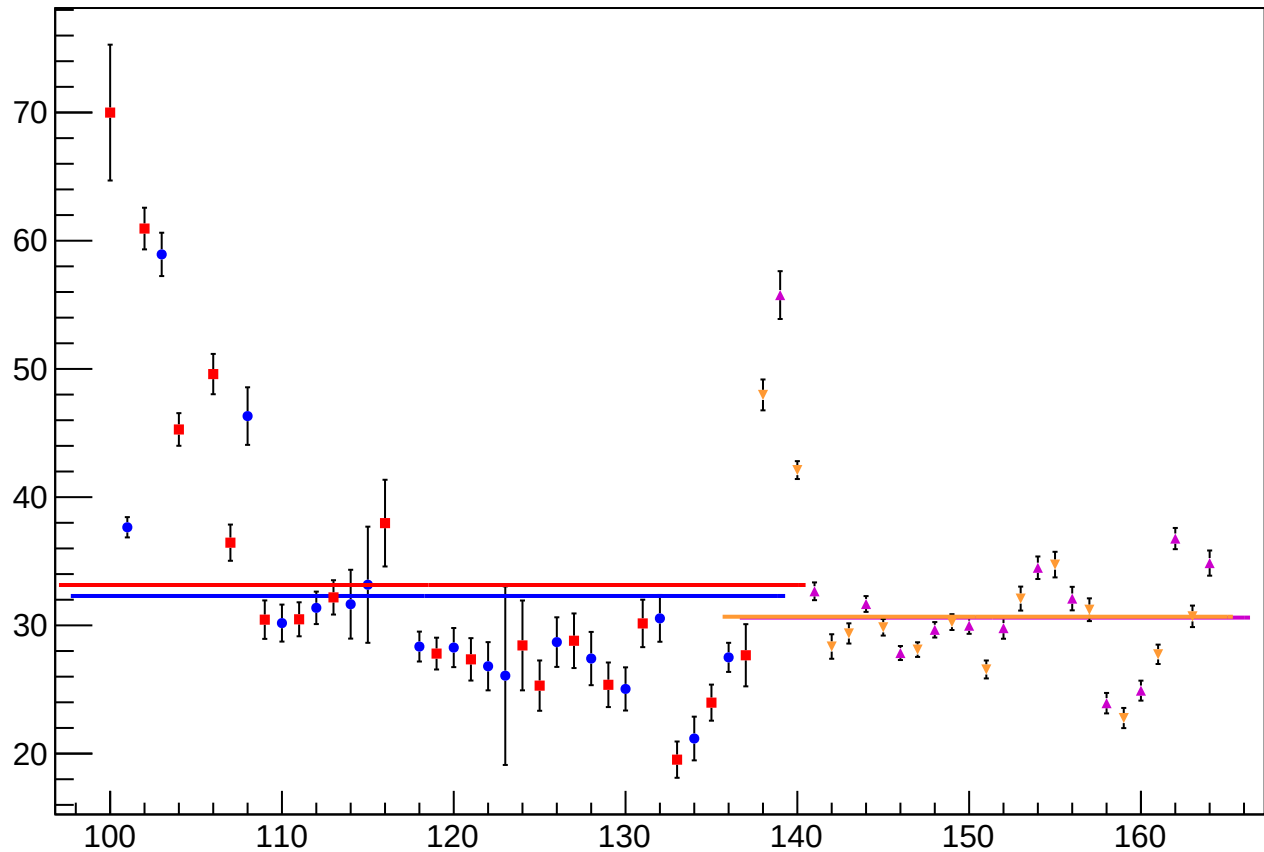
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -30.670 ± 0.292 χ^2/NDF : 1200.4/12

Out: -32.658 ± 0.294 χ^2/NDF : 1499.5/13

All: -31.660 ± 0.207 χ^2/NDF : 2722.9/26

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 30.675 ± 0.205 $\chi^2/\text{NDF}: 675.8/13$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 30.606 ± 0.207 $\chi^2/\text{NDF}: 443.7/12$

Left: 30.641 ± 0.146 $\chi^2/\text{NDF}: 1119.6/26$

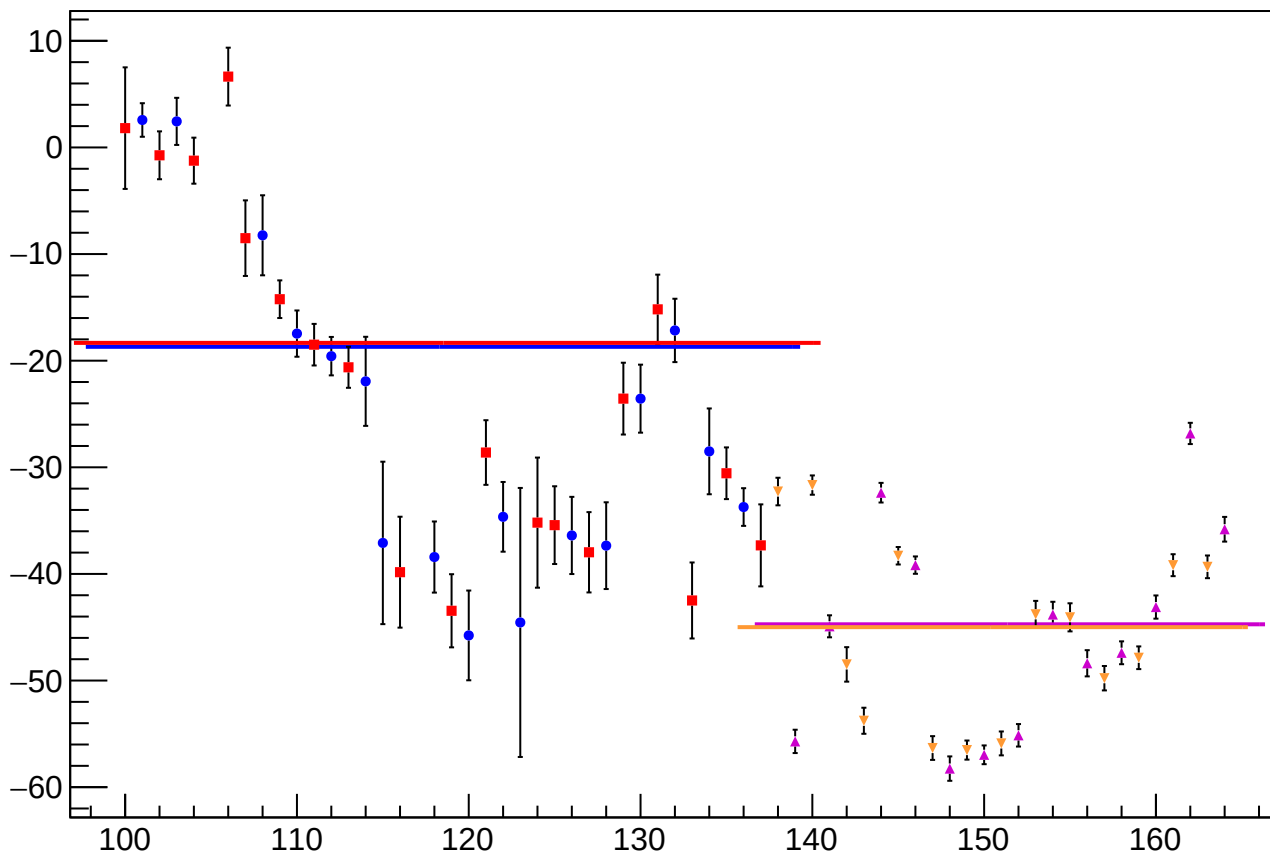
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.004 ± 0.181 $\chi^2/\text{NDF}: 911.9/29$

Out: 31.236 ± 0.180 $\chi^2/\text{NDF}: 1481.5/32$

All: 31.121 ± 0.128 $\chi^2/\text{NDF}: 2394.2/62$

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: -44.993 ± 0.290 $\chi^2/\text{NDF}: 886.4/13$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -44.725 ± 0.286 $\chi^2/\text{NDF}: 1157.5/12$

Left: -44.857 ± 0.204 $\chi^2/\text{NDF}: 2044.4/26$

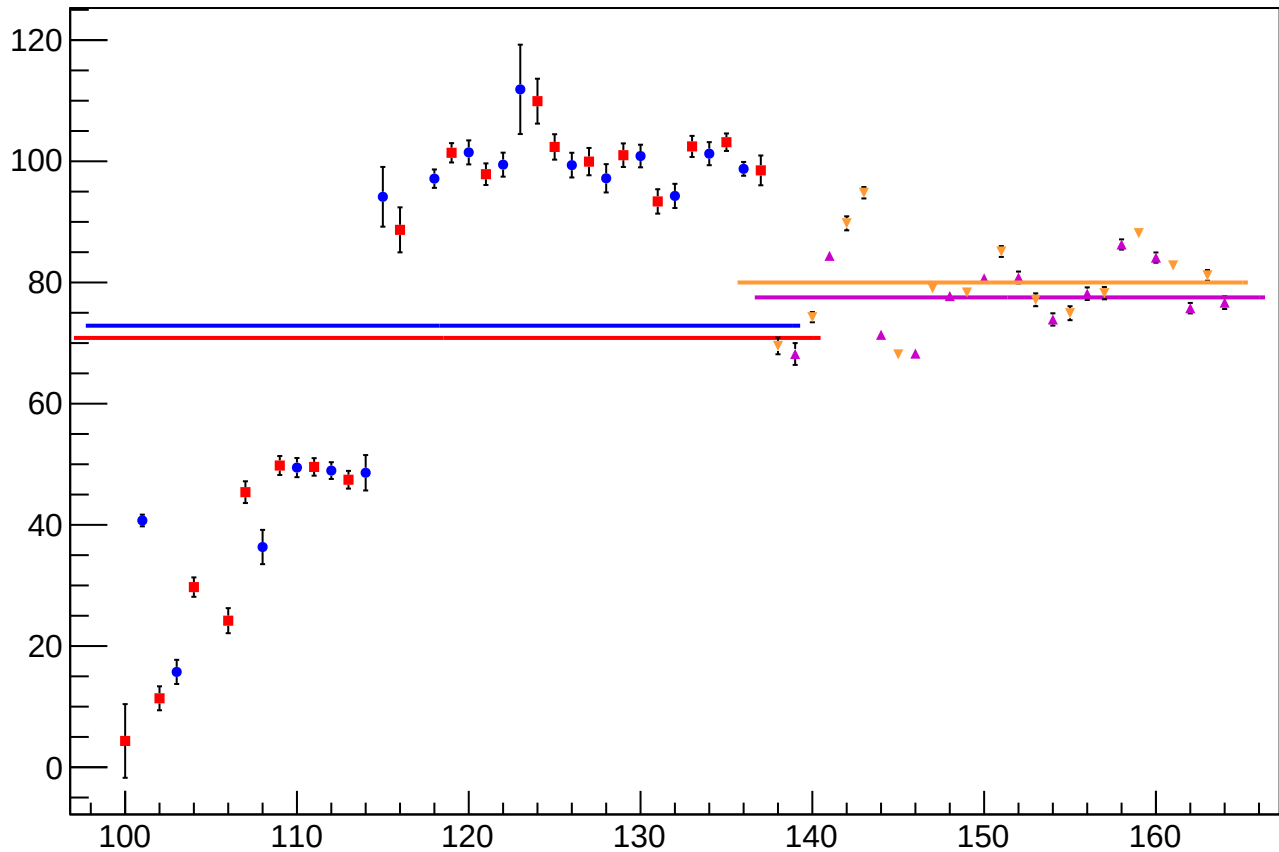
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -40.683 ± 0.263 $\chi^2/\text{NDF}: 2964.5/29$

Out: -40.489 ± 0.264 $\chi^2/\text{NDF}: 2787.5/32$

All: -40.587 ± 0.186 $\chi^2/\text{NDF}: 5752.2/62$

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: 80.000 $\pm$ 0.241 χ^2/NDF : 857.7/13

Right Out: 70.851 $\pm$ 0.433 χ^2/NDF : 5495.4/18

Left In: 77.539 $\pm$ 0.242 χ^2/NDF : 571.1/12

Left: 78.774 $\pm$ 0.171 χ^2/NDF : 1480.8/26

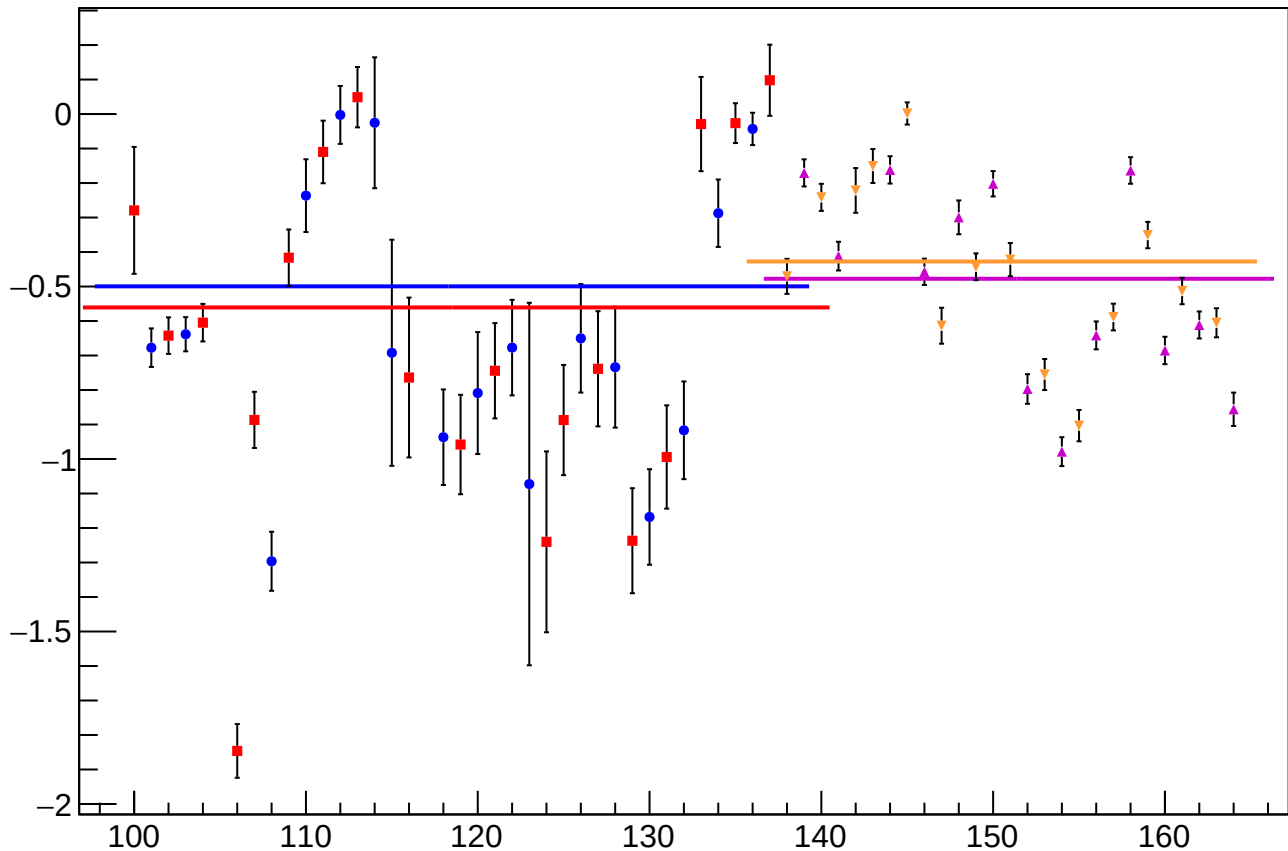
Right: 71.876 $\pm$ 0.304 χ^2/NDF : 10233.6/35

In: 76.404 $\pm$ 0.210 χ^2/NDF : 5388.9/29

Out: 77.836 $\pm$ 0.211 χ^2/NDF : 6694.0/32

All: 77.119 $\pm$ 0.149 χ^2/NDF : 12106.1/62

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: -0.427 ± 0.011 χ^2/NDF : 462.4/13

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.478 ± 0.011 χ^2/NDF : 578.0/12

Left: -0.453 ± 0.008 χ^2/NDF : 1050.1/26

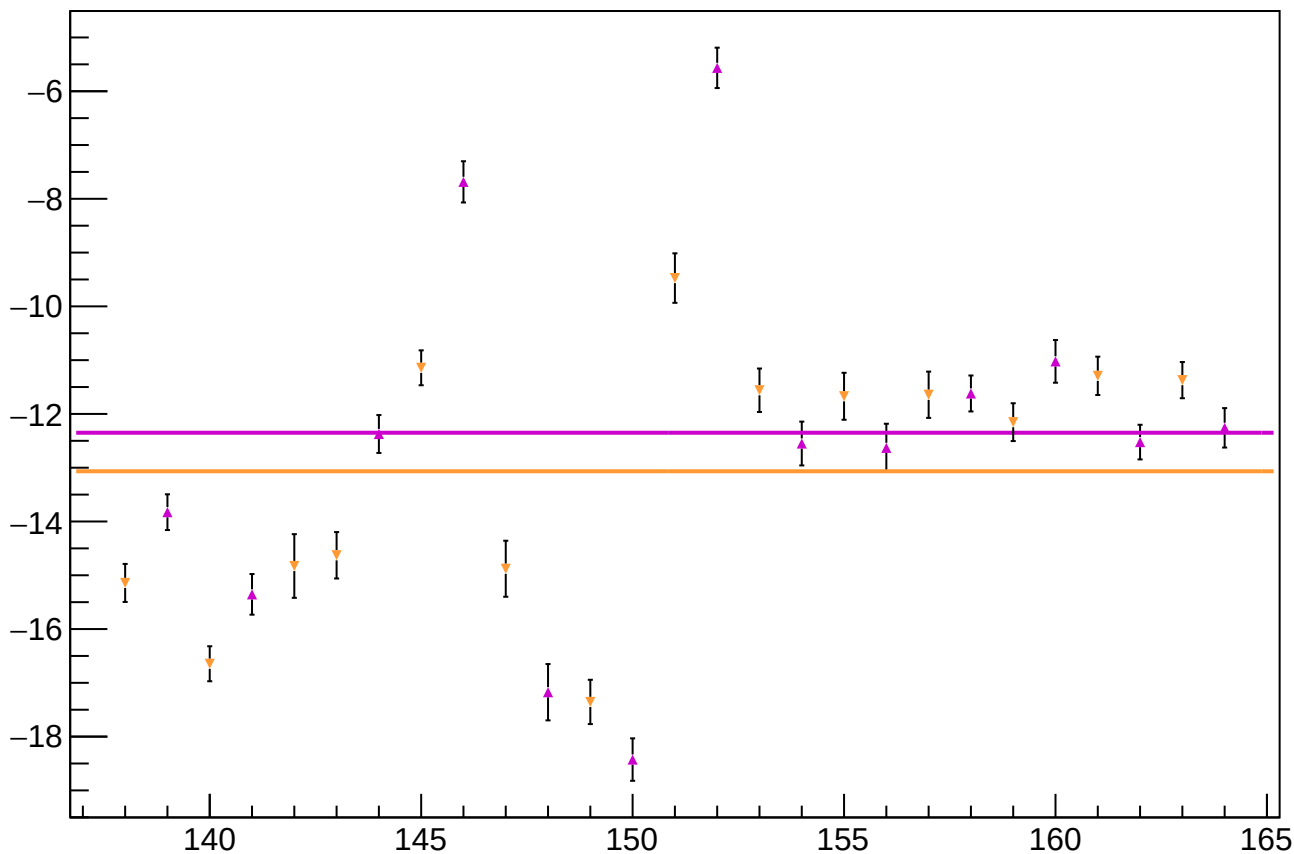
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.482 ± 0.010 χ^2/NDF : 881.4/29

Out: -0.457 ± 0.010 χ^2/NDF : 1054.4/32

All: -0.469 ± 0.007 χ^2/NDF : 1938.8/62

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



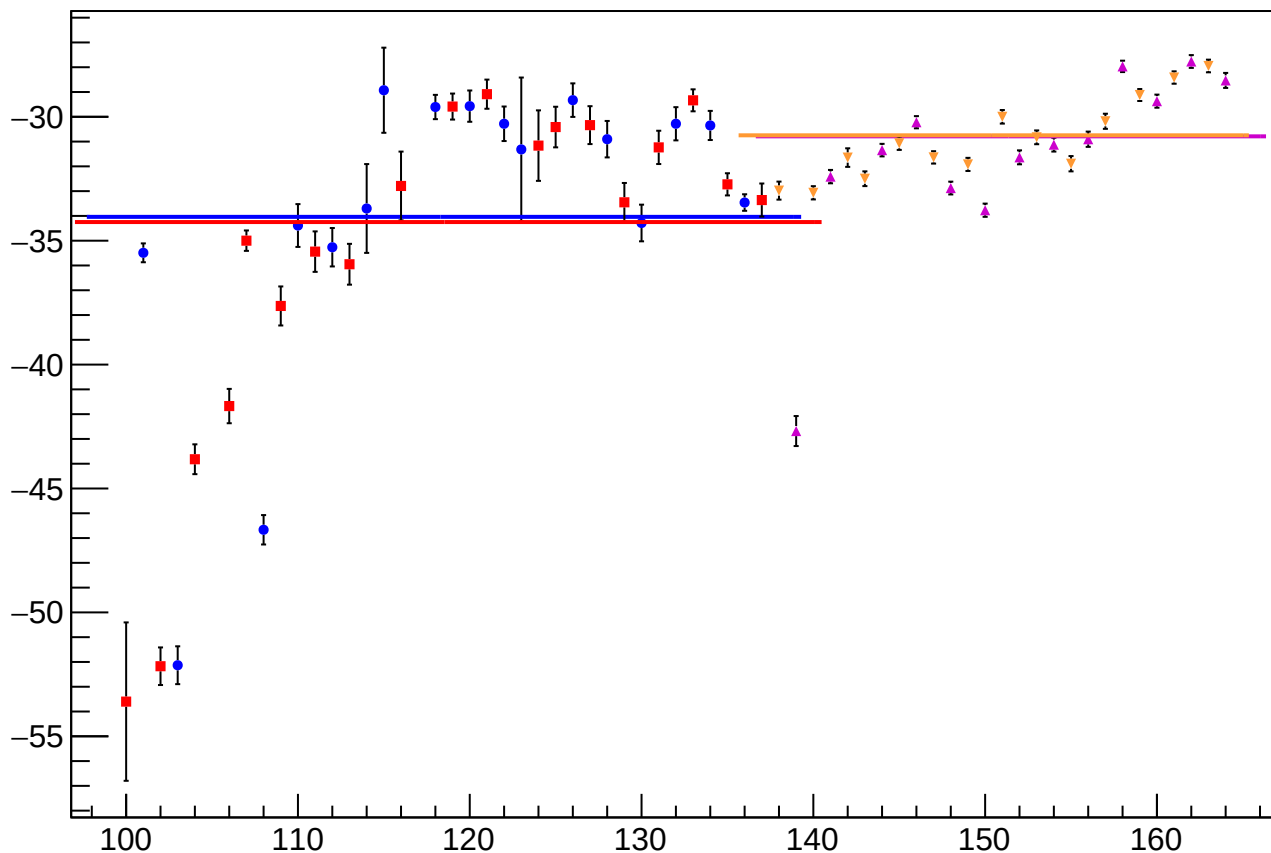
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -13.066 ± 0.105 $\chi^2/\text{NDF}: 486.0/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -12.350 ± 0.105 $\chi^2/\text{NDF}: 896.7/12$

Left: -12.707 ± 0.074 $\chi^2/\text{NDF}: 1406.0/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -12.350 ± 0.105 $\chi^2/\text{NDF}: 896.7/12$
 Out: -13.066 ± 0.105 $\chi^2/\text{NDF}: 486.0/13$

All: -12.707 ± 0.074 $\chi^2/\text{NDF}: 1406.0/26$

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: -30.747 ± 0.075 χ^2/NDF : 463.4/13

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.789 ± 0.076 χ^2/NDF : 1004.0/12

Left: -30.768 ± 0.053 χ^2/NDF : 1467.6/26

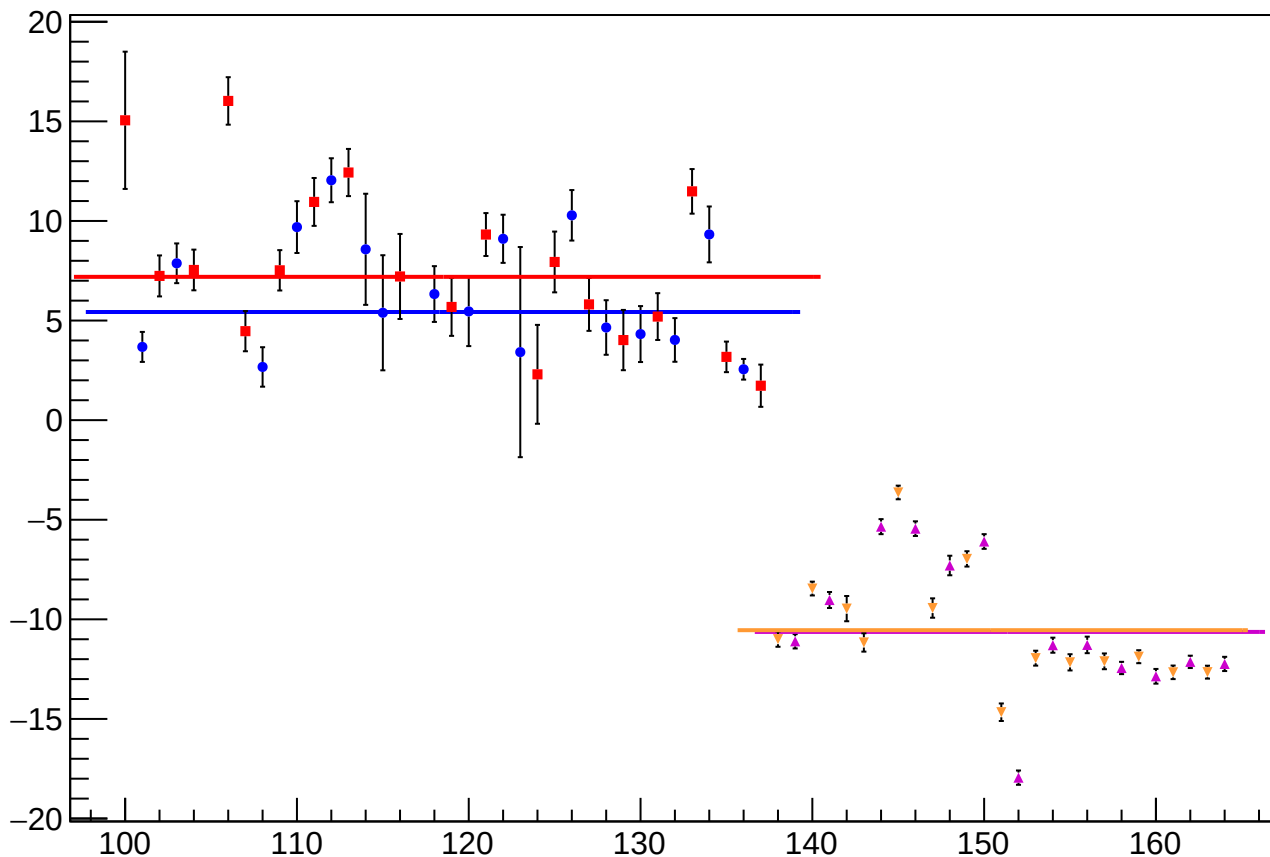
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.448 ± 0.068 χ^2/NDF : 2716.5/29

Out: -31.436 ± 0.067 χ^2/NDF : 2254.6/32

All: -31.442 ± 0.048 χ^2/NDF : 4971.2/62

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -10.545 ± 0.103 $\chi^2/\text{NDF}: 770.6/13$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -10.632 ± 0.102 $\chi^2/\text{NDF}: 1144.8/12$

Left: -10.589 ± 0.072 $\chi^2/\text{NDF}: 1915.7/26$

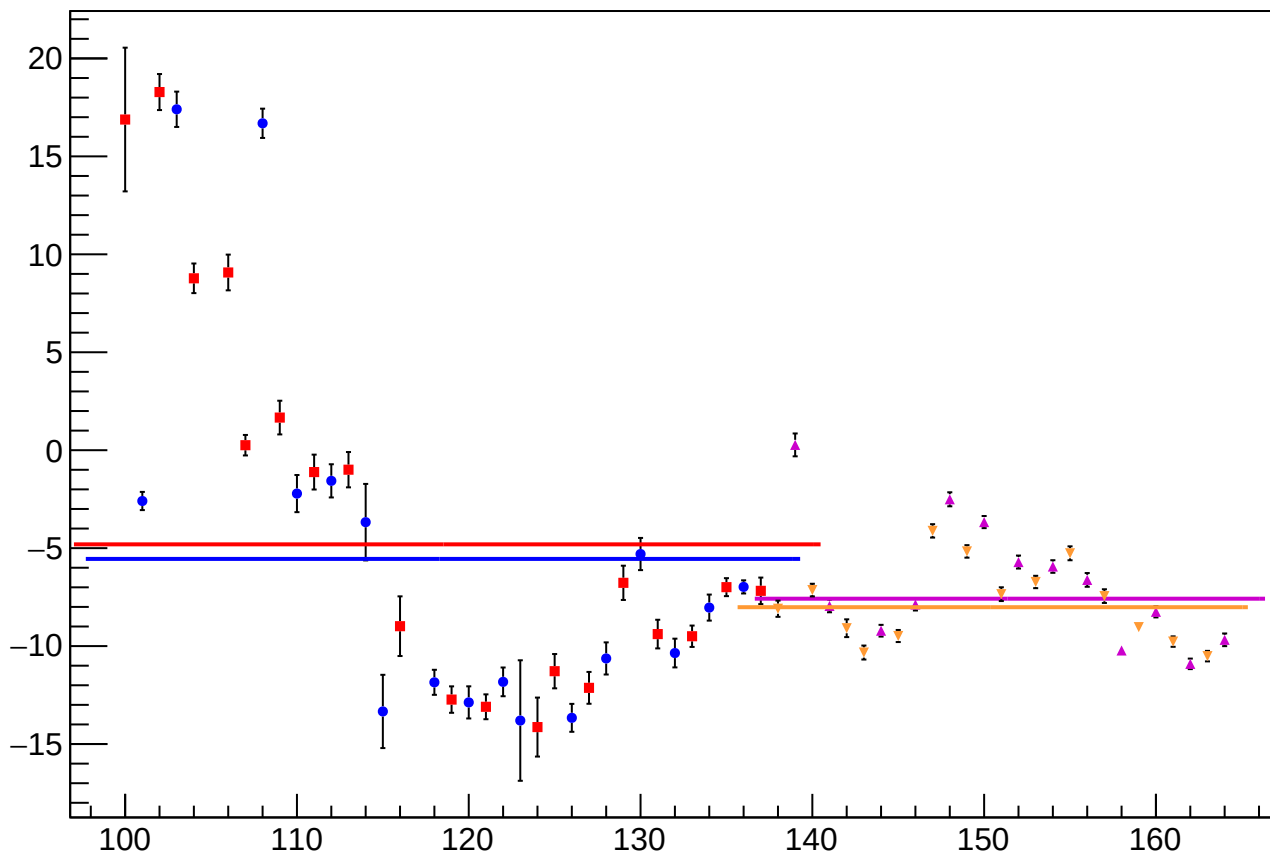
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -8.630 ± 0.095 $\chi^2/\text{NDF}: 4377.3/29$

Out: -8.345 ± 0.097 $\chi^2/\text{NDF}: 4623.7/32$

All: -8.489 ± 0.068 $\chi^2/\text{NDF}: 9005.4/62$

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: -8.015 ± 0.086 χ^2/NDF : 515.4/13

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -7.581 ± 0.087 χ^2/NDF : 958.8/12

Left: -7.800 ± 0.061 χ^2/NDF : 1486.8/26

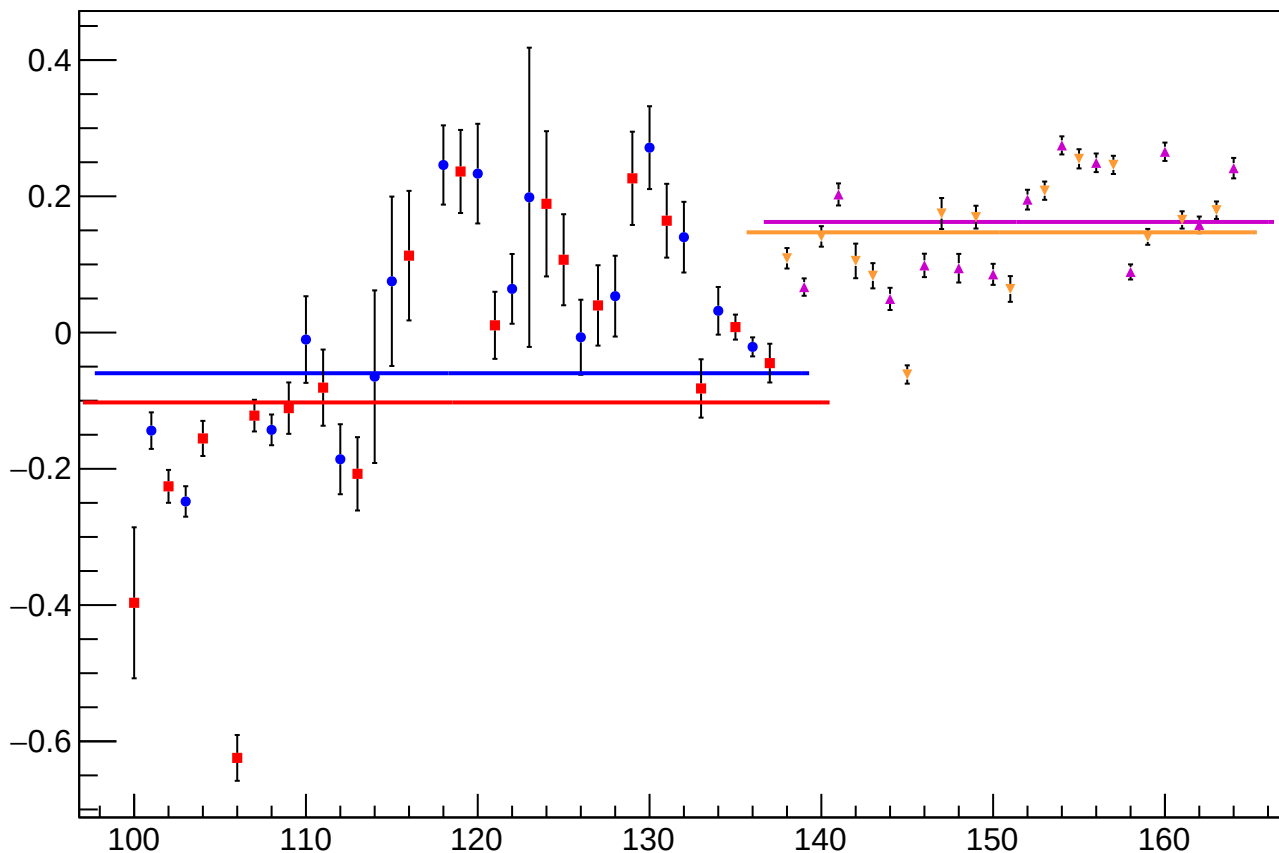
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.159 ± 0.077 χ^2/NDF : 3198.4/29

Out: -7.375 ± 0.077 χ^2/NDF : 2840.0/32

All: -7.268 ± 0.055 χ^2/NDF : 6042.3/62

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: 0.147 ± 0.004 χ^2/NDF : 427.8/13

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.162 ± 0.004 χ^2/NDF : 406.8/12

Left: 0.155 ± 0.003 χ^2/NDF : 842.0/26

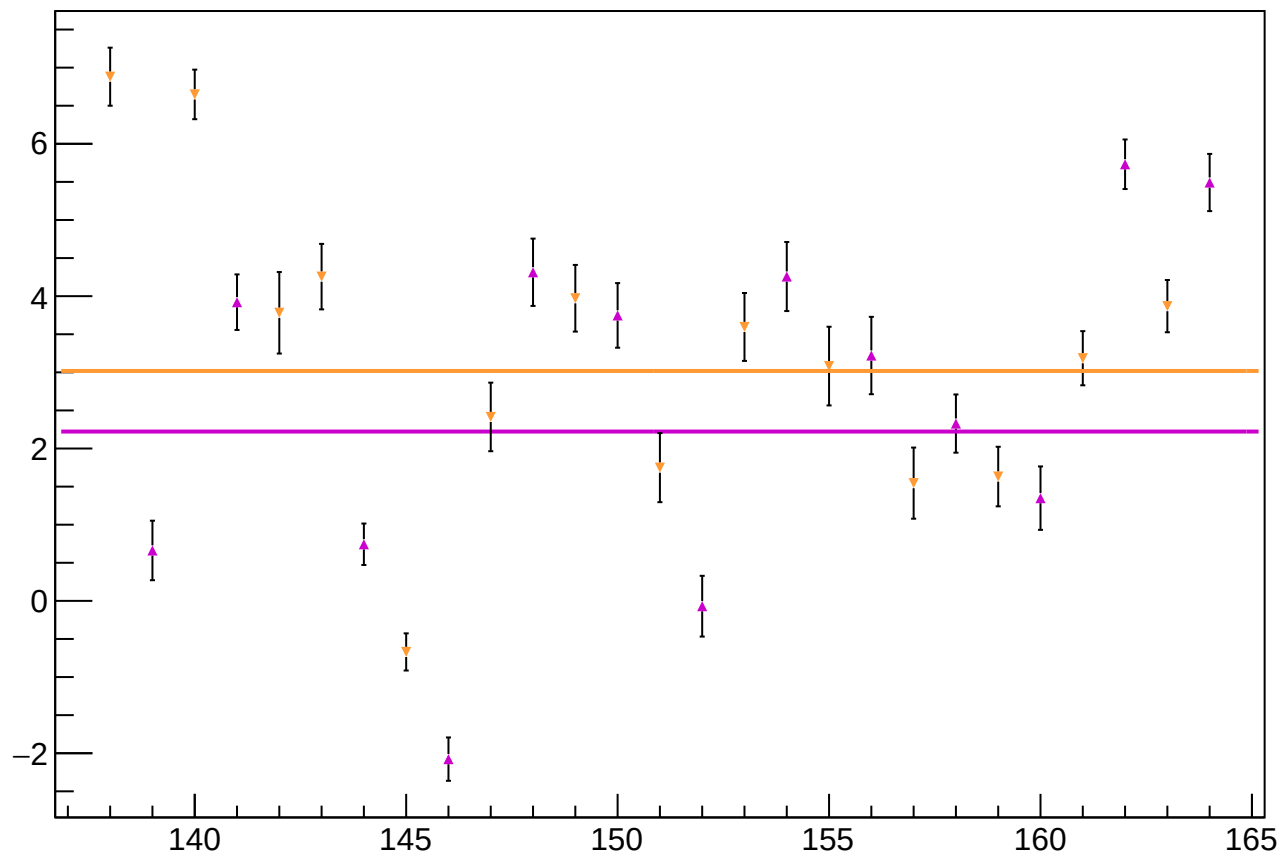
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.122 ± 0.004 χ^2/NDF : 1196.2/29

Out: 0.101 ± 0.004 χ^2/NDF : 1582.1/32

All: 0.112 ± 0.003 χ^2/NDF : 2794.9/62

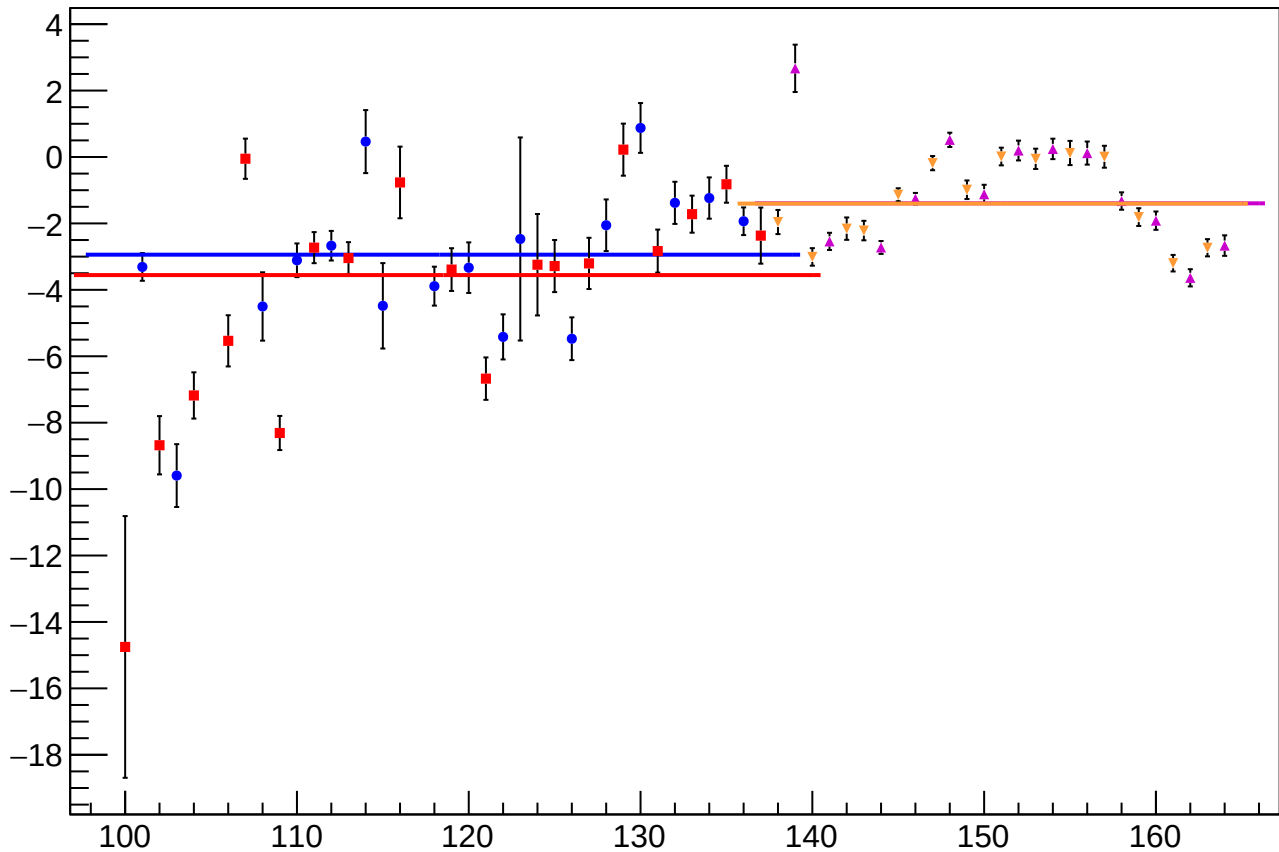
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 3.018 $\pm$ 0.103 χ^2/NDF :511.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.223 $\pm$ 0.103 χ^2/NDF :584.7/12

Left: 2.617 $\pm$ 0.073 χ^2/NDF : 1125.9/26
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.223 $\pm$ 0.103 χ^2/NDF :584.7/12
 Out: 3.018 $\pm$ 0.103 χ^2/NDF :511.4/13
 All: 2.617 $\pm$ 0.073 χ^2/NDF : 1125.9/26

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: -1.403 ± 0.073 χ^2/NDF : 252.6/13

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.395 ± 0.072 χ^2/NDF : 350.2/12

Left: -1.399 ± 0.051 χ^2/NDF : 602.8/26

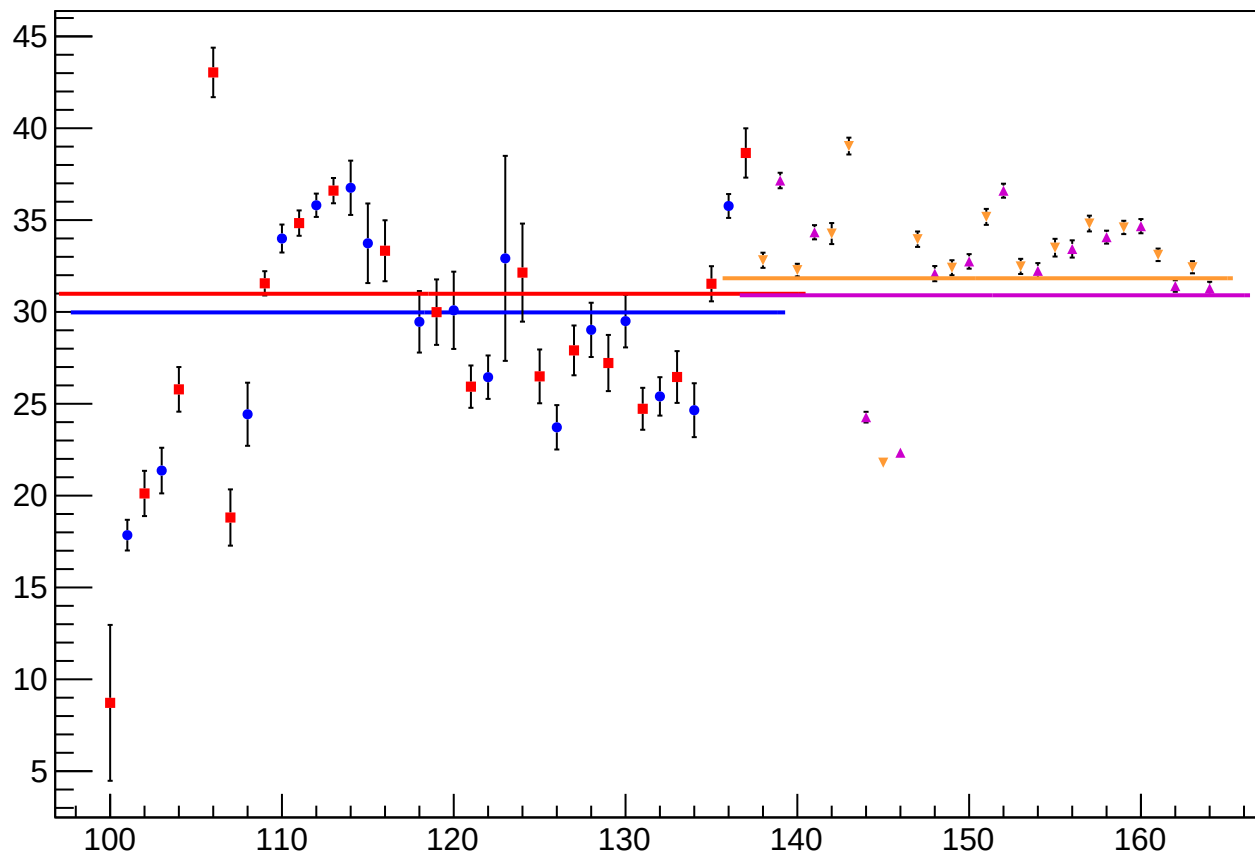
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.672 ± 0.065 χ^2/NDF : 578.4/29

Out: -1.793 ± 0.066 χ^2/NDF : 703.2/32

All: -1.732 ± 0.046 χ^2/NDF : 1283.2/62

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: 31.833 $\pm$ 0.103 χ^2 /NDF:1990.8/13

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 30.906 $\pm$ 0.100 χ^2 /NDF:2269.7/12

Left: 31.360 $\pm$ 0.072 χ^2 /NDF: 4302.1/26

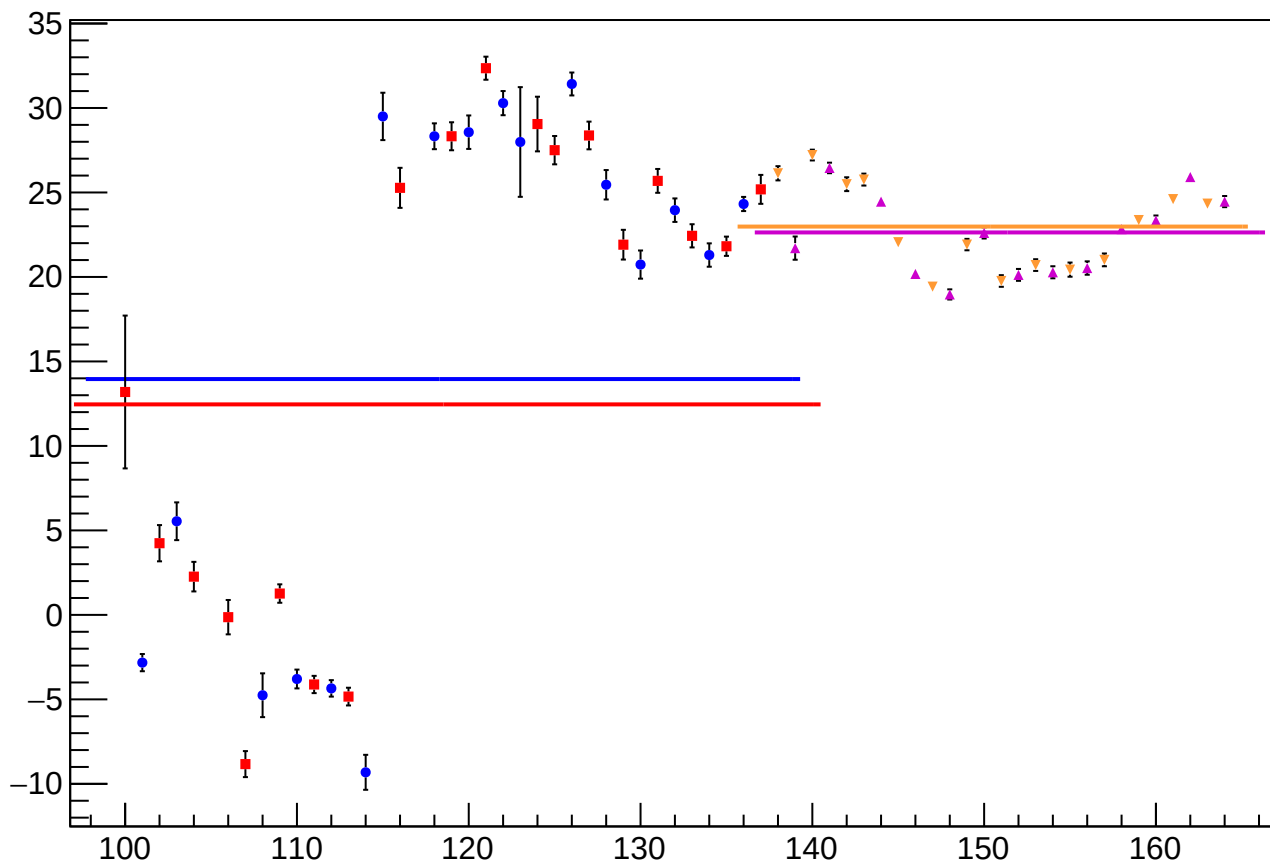
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 30.791 $\pm$ 0.094 χ^2 /NDF:2834.3/29

Out: 31.719 $\pm$ 0.096 χ^2 /NDF:2480.9/32

All: 31.248 $\pm$ 0.067 χ^2 /NDF: 5363.1/62

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: 22.981 $\pm$ 0.085 χ^2 /NDF: 761.5/13

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.634 $\pm$ 0.084 χ^2 /NDF: 794.3/12

Left: 22.806 $\pm$ 0.060 χ^2 /NDF: 1564.2/26

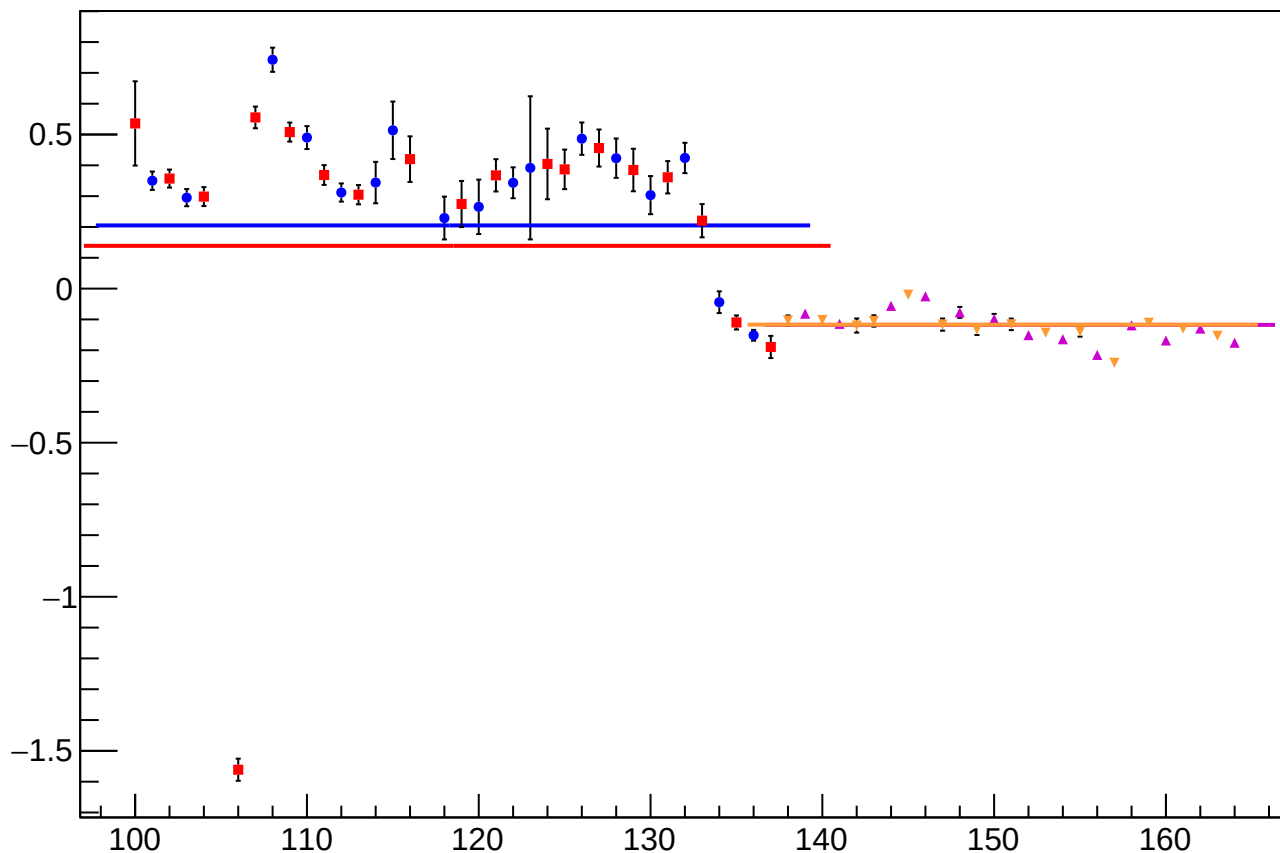
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 20.965 $\pm$ 0.076 χ^2 /NDF: 10191.2/29

Out: 20.950 $\pm$ 0.076 χ^2 /NDF: 10706.2/32

All: 20.957 $\pm$ 0.054 χ^2 /NDF: 20897.4/62

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: -0.117 ± 0.004 χ^2/NDF : 180.7/13

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.118 ± 0.004 χ^2/NDF : 172.2/12

Left: -0.117 ± 0.003 χ^2/NDF : 352.9/26

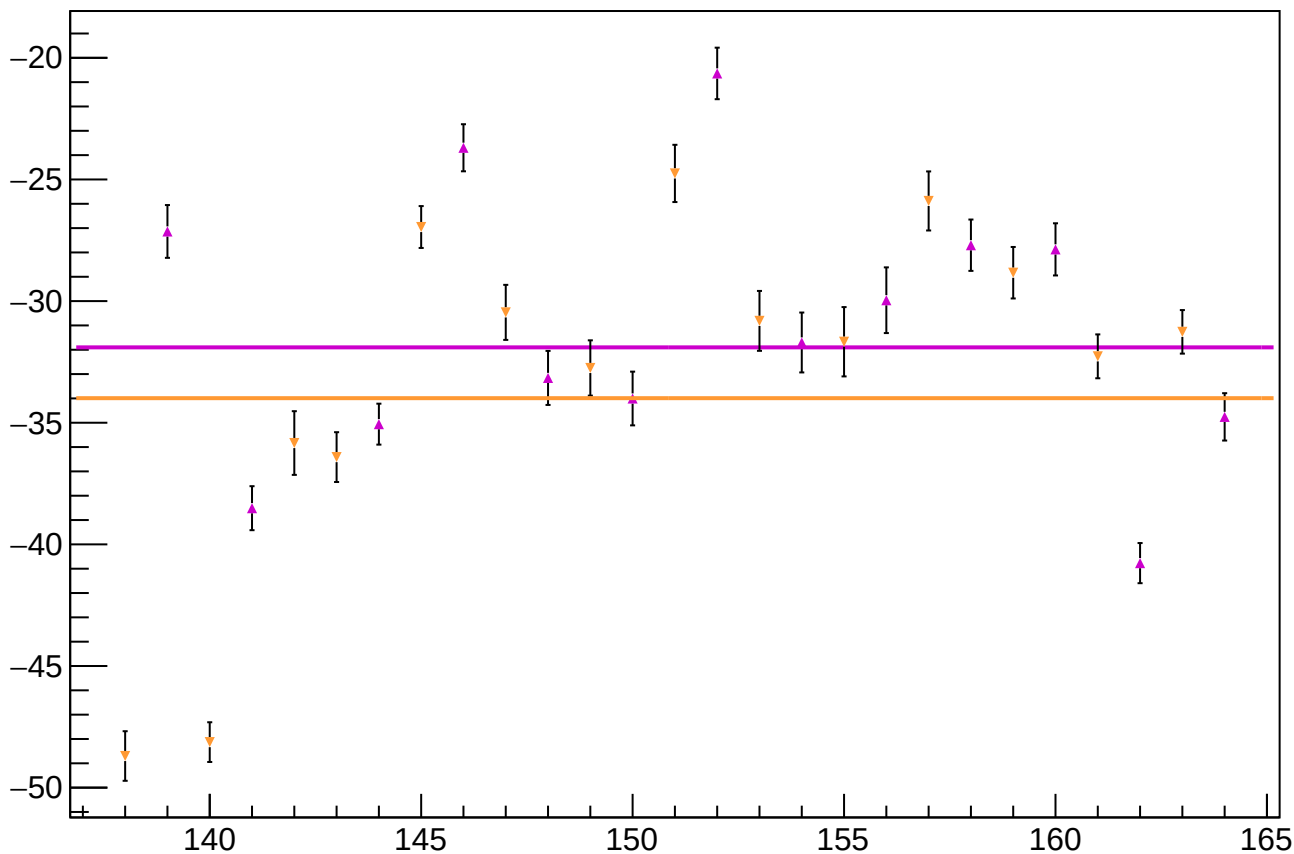
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.068 ± 0.004 χ^2/NDF : 2023.7/29

Out: -0.076 ± 0.004 χ^2/NDF : 3847.0/32

All: -0.072 ± 0.003 χ^2/NDF : 5872.9/62

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



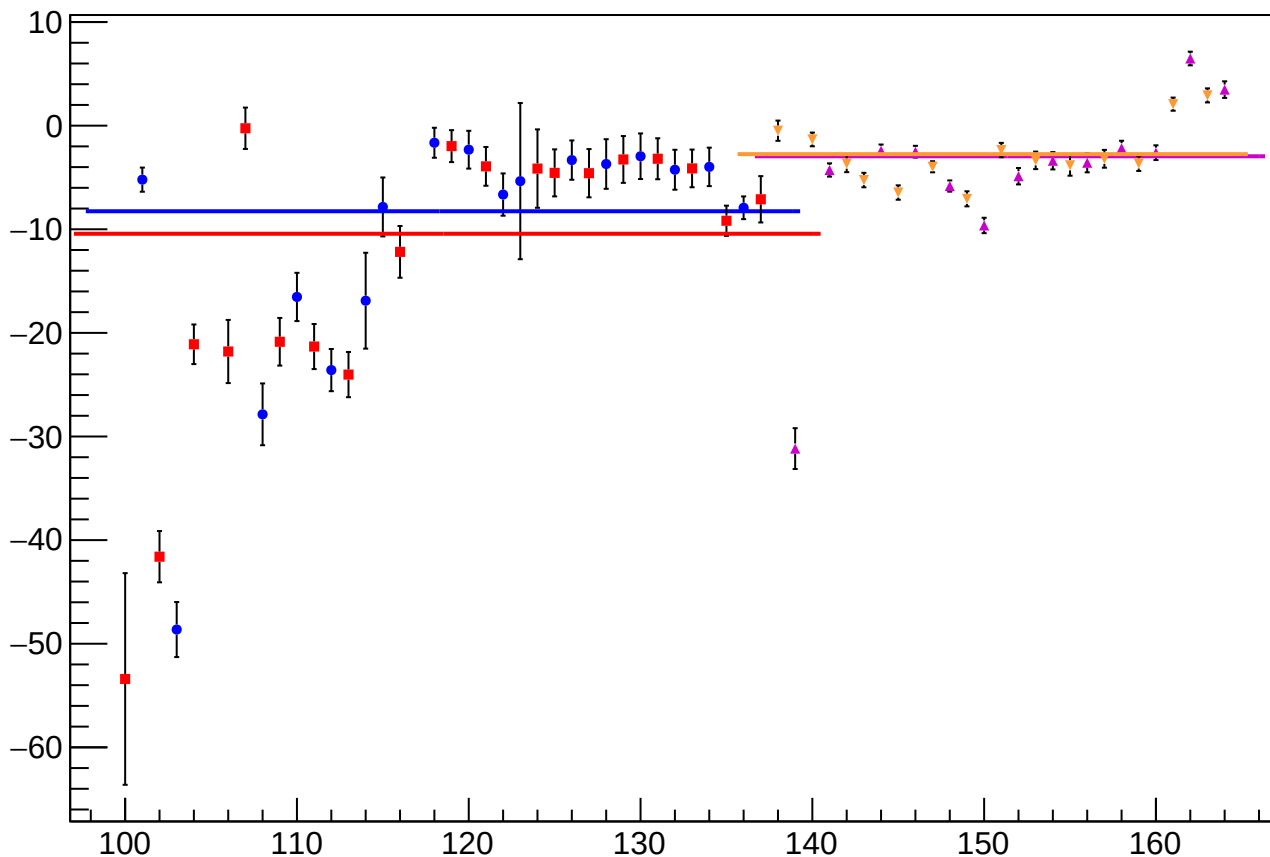
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.990 ± 0.279 χ^2/NDF : 745.6/13
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -31.902 ± 0.282 χ^2/NDF : 432.9/12

Left: -32.957 ± 0.198 χ^2/NDF : 1206.2/26
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -31.902 ± 0.282 χ^2/NDF : 432.9/12
 Out: -33.990 ± 0.279 χ^2/NDF : 745.6/13

All: -32.957 ± 0.198 χ^2/NDF : 1206.2/26

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -2.748 ± 0.194 $\chi^2/\text{NDF}: 224.3/13$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -2.957 ± 0.197 $\chi^2/\text{NDF}: 597.2/12$

Left: -2.851 ± 0.138 $\chi^2/\text{NDF}: 822.1/26$

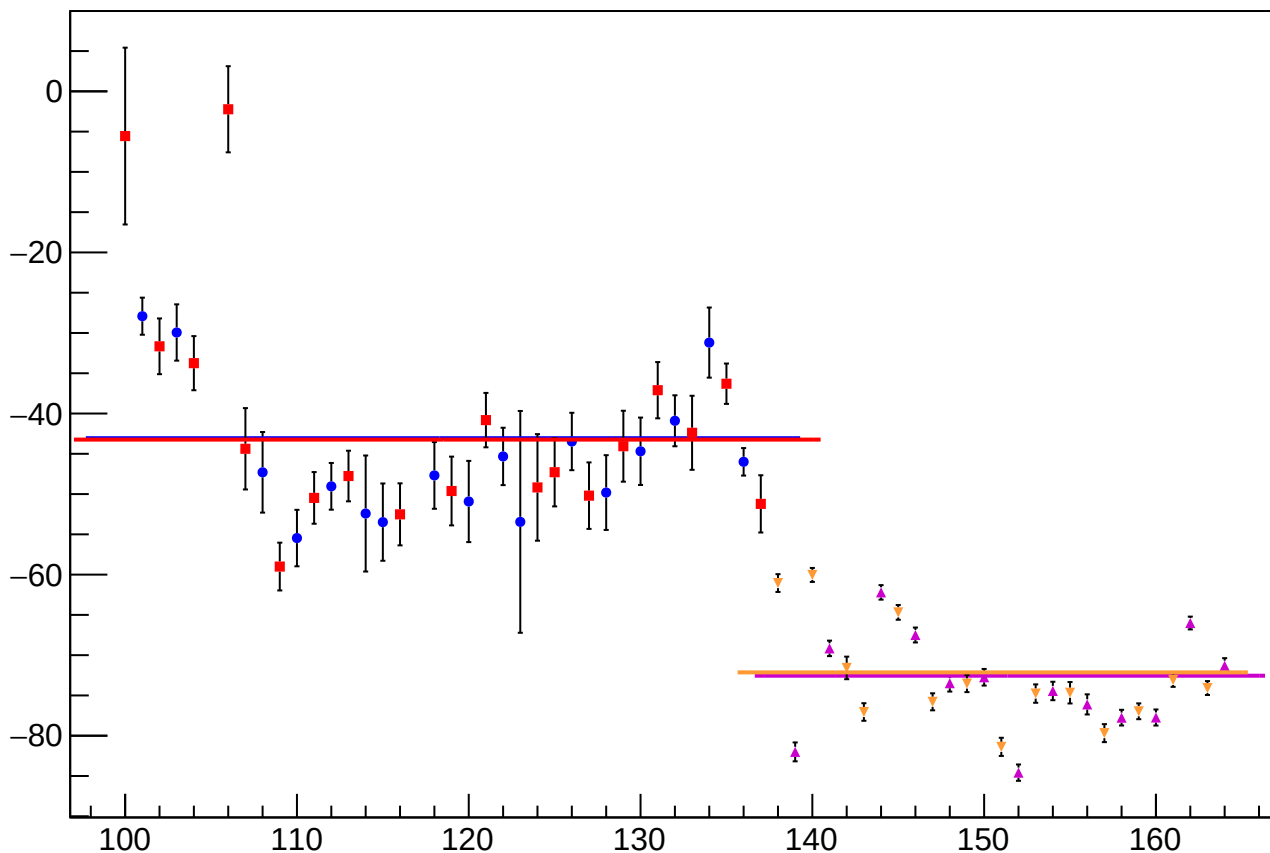
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -3.771 ± 0.181 $\chi^2/\text{NDF}: 1120.3/29$

Out: -3.783 ± 0.180 $\chi^2/\text{NDF}: 865.3/32$

All: -3.777 ± 0.128 $\chi^2/\text{NDF}: 1985.7/62$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



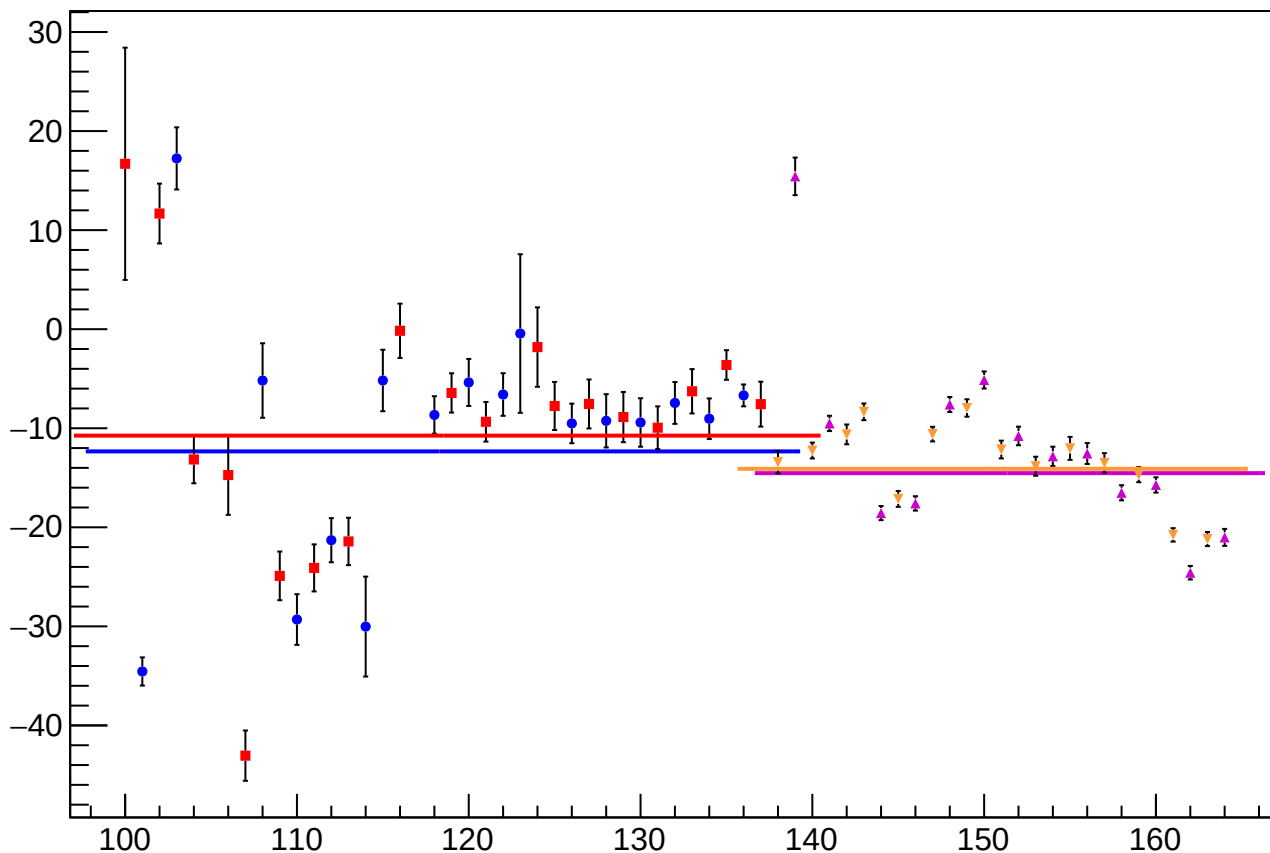
Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -72.136 ± 0.276 $\chi^2/\text{NDF}: 547.2/13$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -72.550 ± 0.275 $\chi^2/\text{NDF}: 517.0/12$

Left: -72.344 ± 0.195 $\chi^2/\text{NDF}: 1065.3/26$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -69.663 ± 0.261 $\chi^2/\text{NDF}: 1740.0/29$
 Out: -69.468 ± 0.263 $\chi^2/\text{NDF}: 1712.1/32$

All: -69.566 ± 0.185 $\chi^2/\text{NDF}: 3452.4/62$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -14.094 ± 0.227 $\chi^2/\text{NDF}: 354.5/13$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -14.533 ± 0.230 $\chi^2/\text{NDF}: 847.7/12$

Left: -14.310 ± 0.162 $\chi^2/\text{NDF}: 1204.0/26$

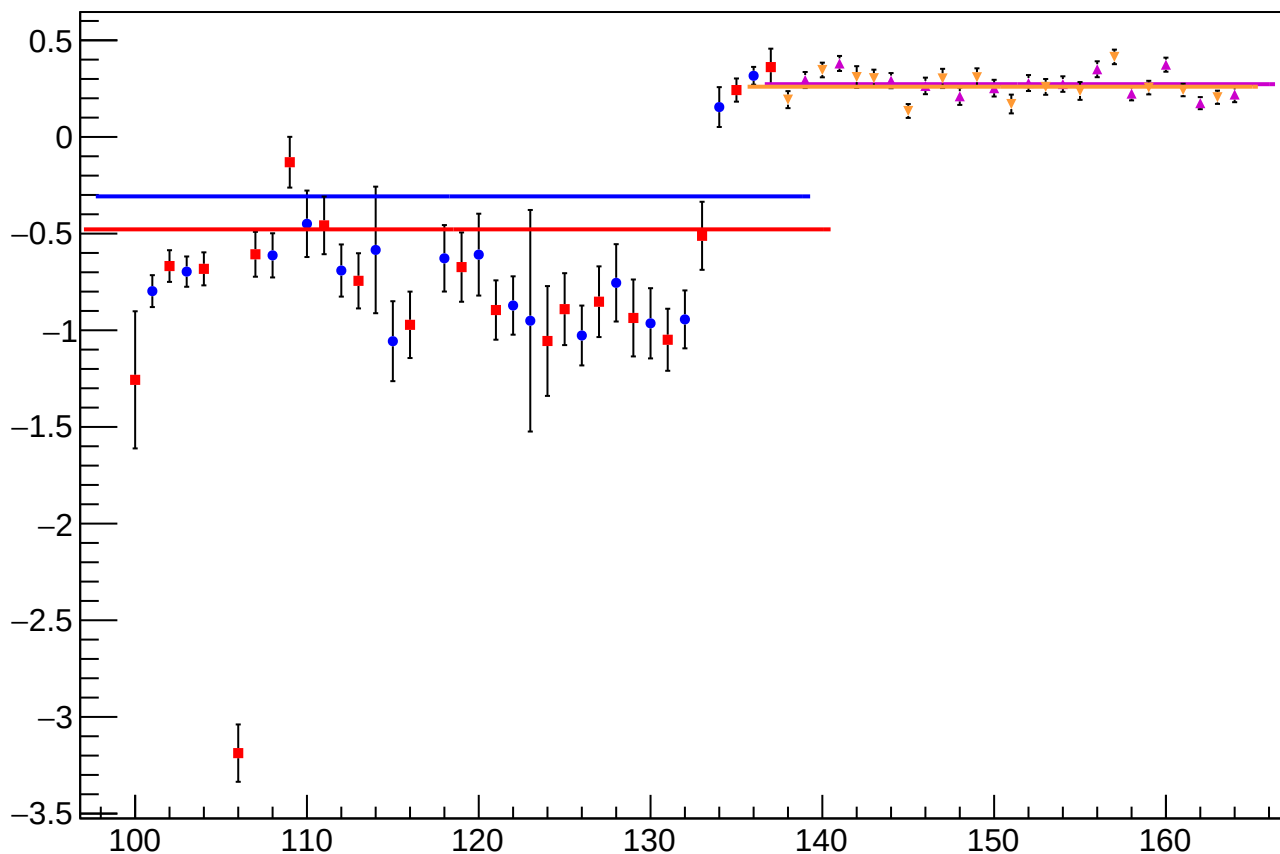
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -14.173 ± 0.210 $\chi^2/\text{NDF}: 1337.7/29$

Out: -13.611 ± 0.210 $\chi^2/\text{NDF}: 752.8/32$

All: -13.891 ± 0.149 $\chi^2/\text{NDF}: 2094.1/62$

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: 0.260 ± 0.011 χ^2/NDF : 46.6/13

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.273 ± 0.011 χ^2/NDF : 35.1/12

Left: 0.266 ± 0.008 χ^2/NDF : 82.5/26

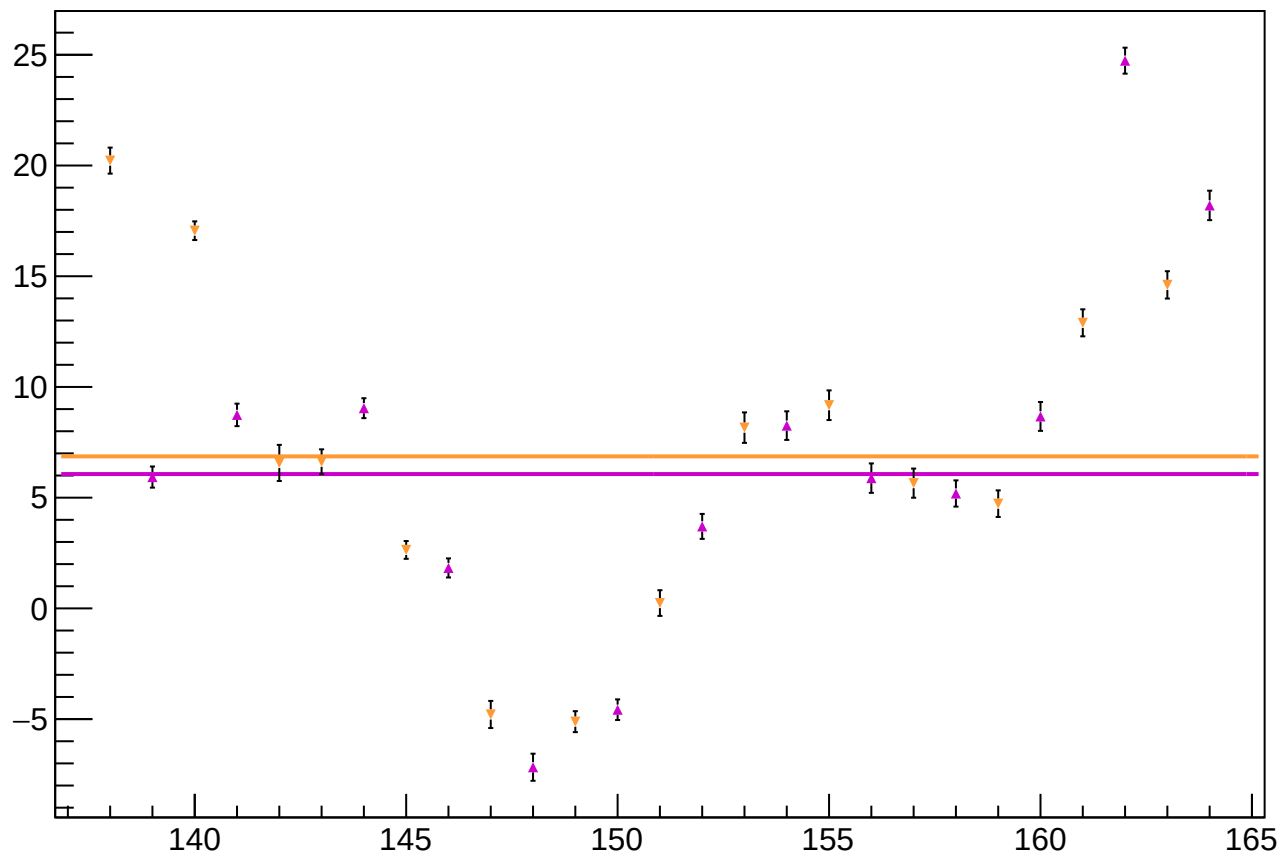
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.195 ± 0.010 χ^2/NDF : 792.0/29

Out: 0.167 ± 0.010 χ^2/NDF : 1262.7/32

All: 0.181 ± 0.007 χ^2/NDF : 2058.6/62

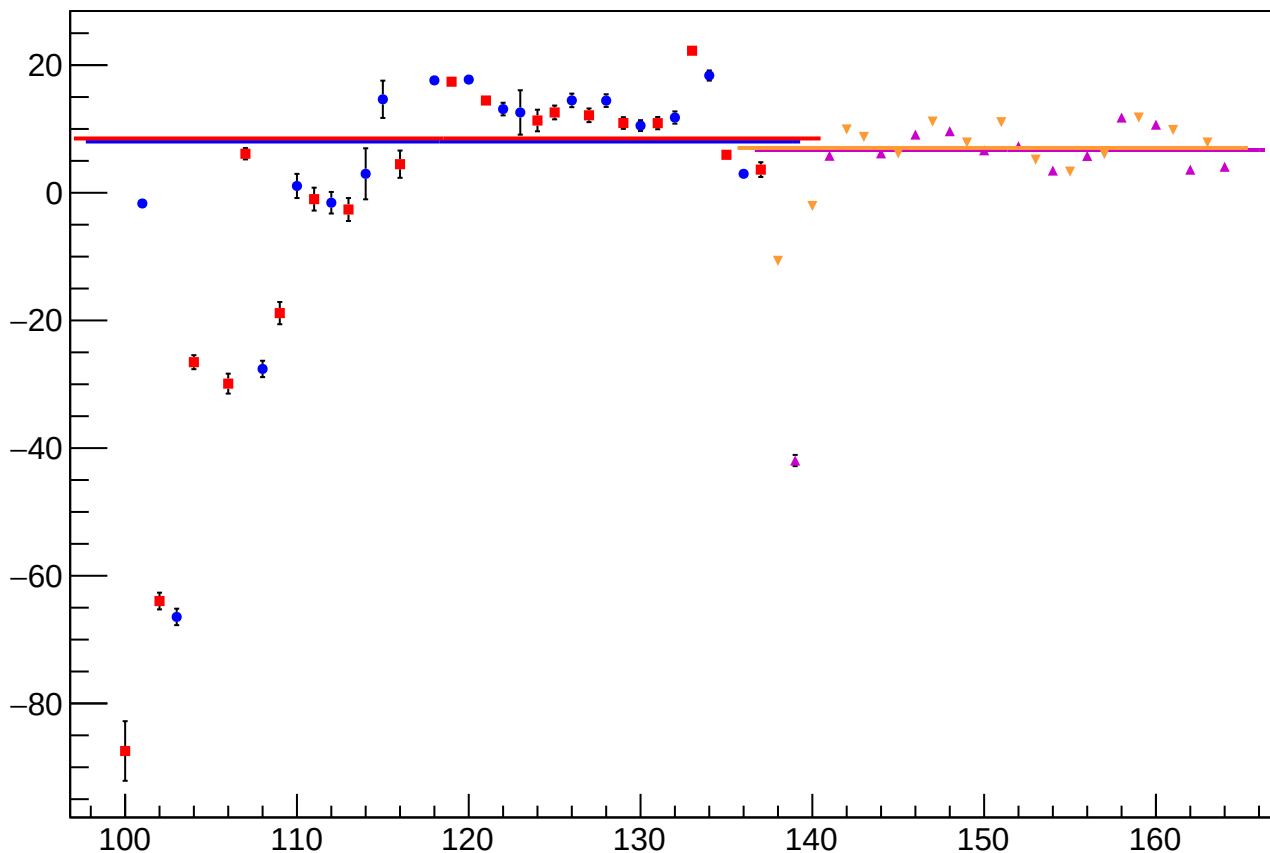
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.864+/-0.150 χ^2/NDF :2629.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.066+/-0.151 χ^2/NDF :2550.4/12

Left: 6.466+/-0.106 χ^2/NDF : 5193.7/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.066+/-0.151 χ^2/NDF :2550.4/12
 Out: 6.864+/-0.150 χ^2/NDF :2629.2/13
 All: 6.466+/-0.106 χ^2/NDF : 5193.7/26

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 7.021 ± 0.105 χ^2/NDF : 2215.8/13

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.702 ± 0.107 χ^2/NDF : 3603.5/12

Left: 6.865 ± 0.075 χ^2/NDF : 5823.8/26

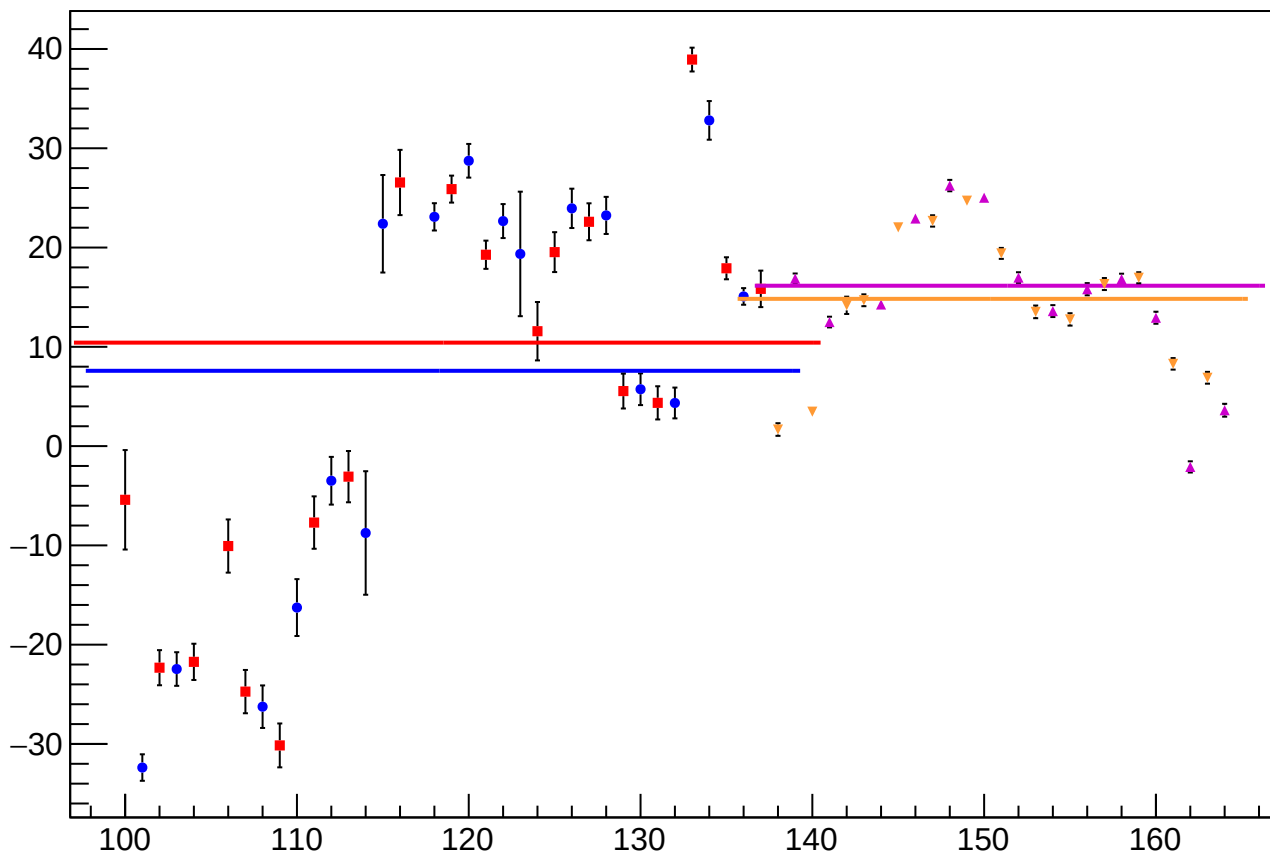
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.967 ± 0.096 χ^2/NDF : 9004.5/29

Out: 7.312 ± 0.094 χ^2/NDF : 8968.4/32

All: 7.142 ± 0.067 χ^2/NDF : 17979.5/62

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: 14.833 ± 0.149 χ^2/NDF : 2449.0/13

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 16.154 ± 0.147 χ^2/NDF : 2521.4/12

Left: 15.499 ± 0.105 χ^2/NDF : 5010.3/26

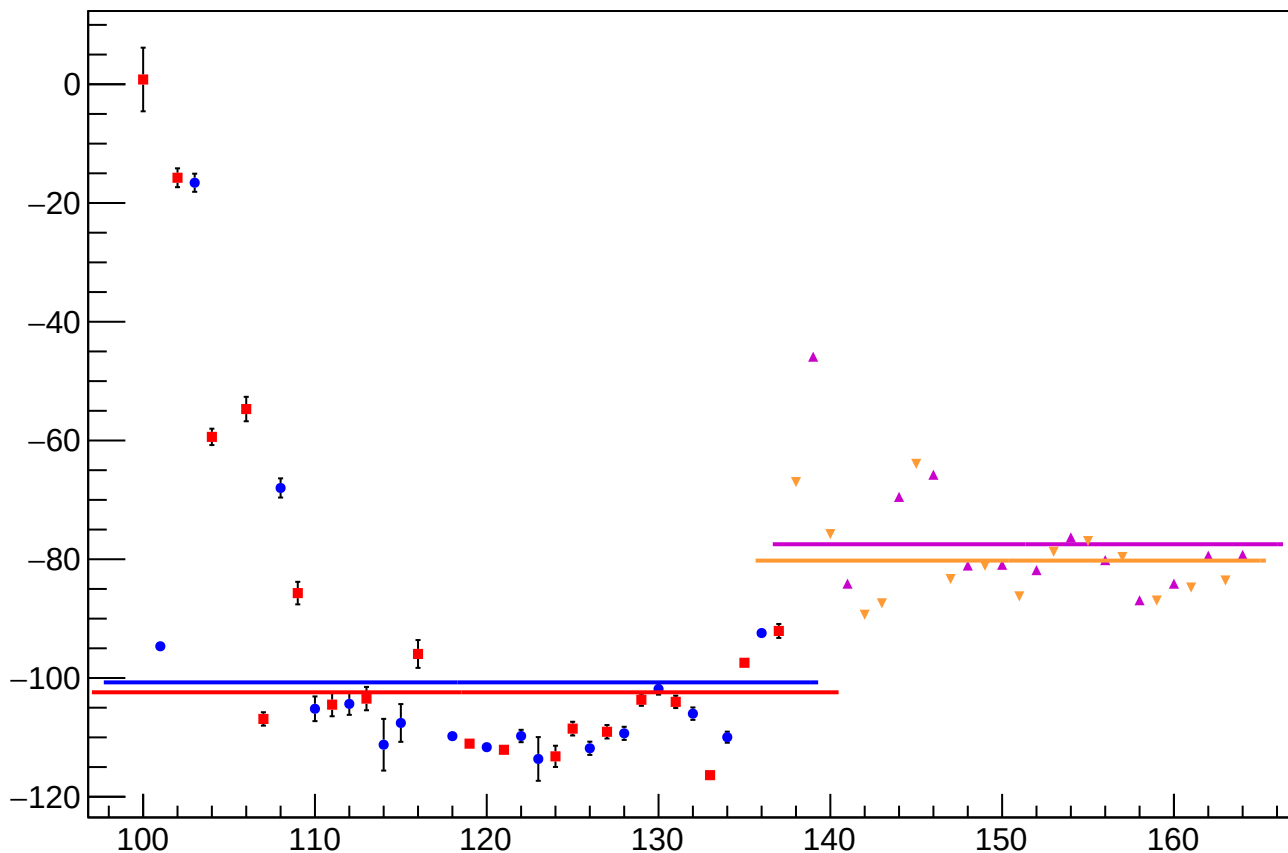
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 15.200 ± 0.139 χ^2/NDF : 5220.7/29

Out: 14.333 ± 0.140 χ^2/NDF : 4838.2/32

All: 14.770 ± 0.099 χ^2/NDF : 10078.2/62

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 $\pm$ 0.248 χ^2/NDF : 4520.6/16

Left Out: -80.227 $\pm$ 0.124 χ^2/NDF : 3474.9/13

Right Out: -102.408 $\pm$ 0.246 χ^2/NDF : 6088.0/18

Left In: -77.472 $\pm$ 0.125 χ^2/NDF : 4195.5/12

Left: -78.866 $\pm$ 0.088 χ^2/NDF : 7915.0/26

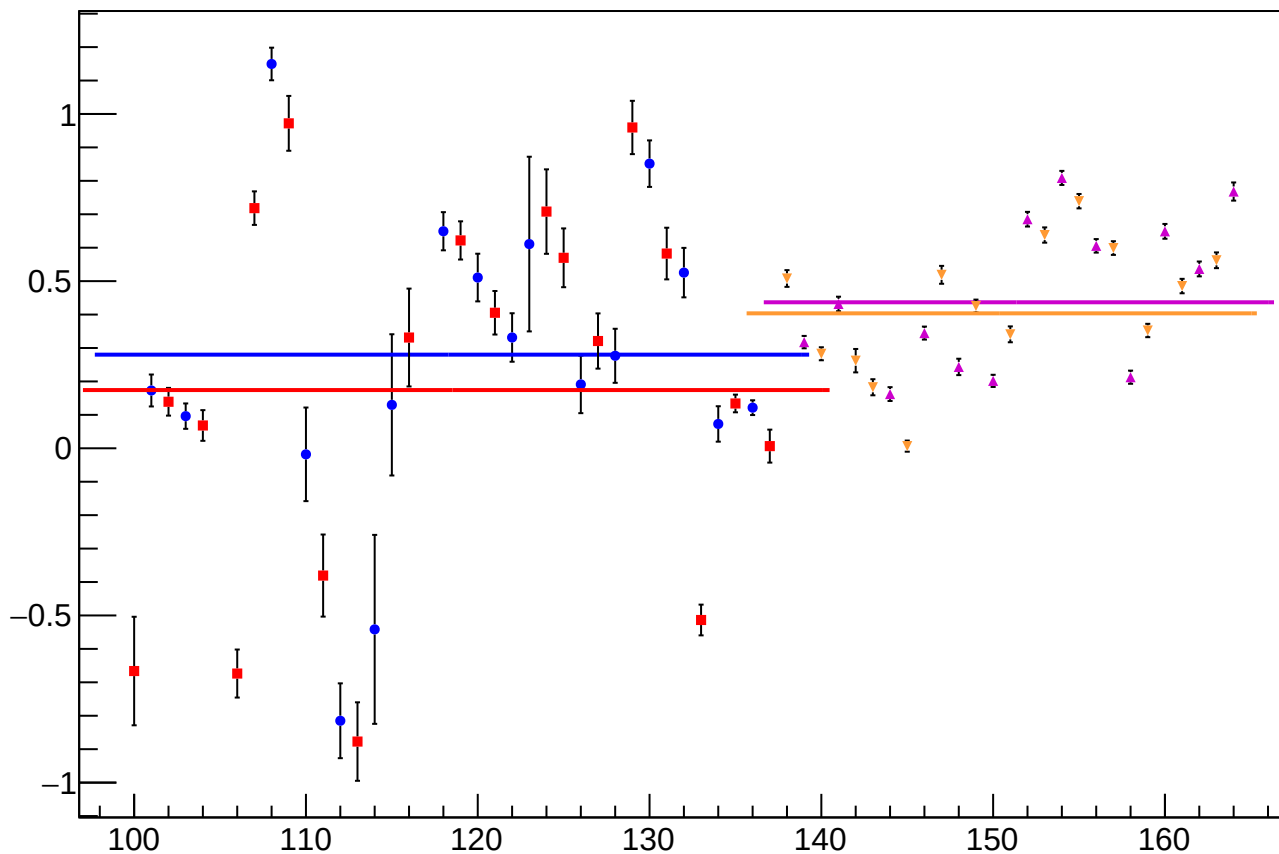
Right: -101.580 $\pm$ 0.175 χ^2/NDF : 10631.4/35

In: -82.192 $\pm$ 0.112 χ^2/NDF : 15712.9/29

Out: -84.712 $\pm$ 0.111 χ^2/NDF : 16056.8/32

All: -83.467 $\pm$ 0.079 χ^2/NDF : 32026.3/62

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.404 ± 0.006 χ^2/NDF : 1256.9/13

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.437 ± 0.006 χ^2/NDF : 1369.1/12

Left: 0.420 ± 0.004 χ^2/NDF : 2642.0/26

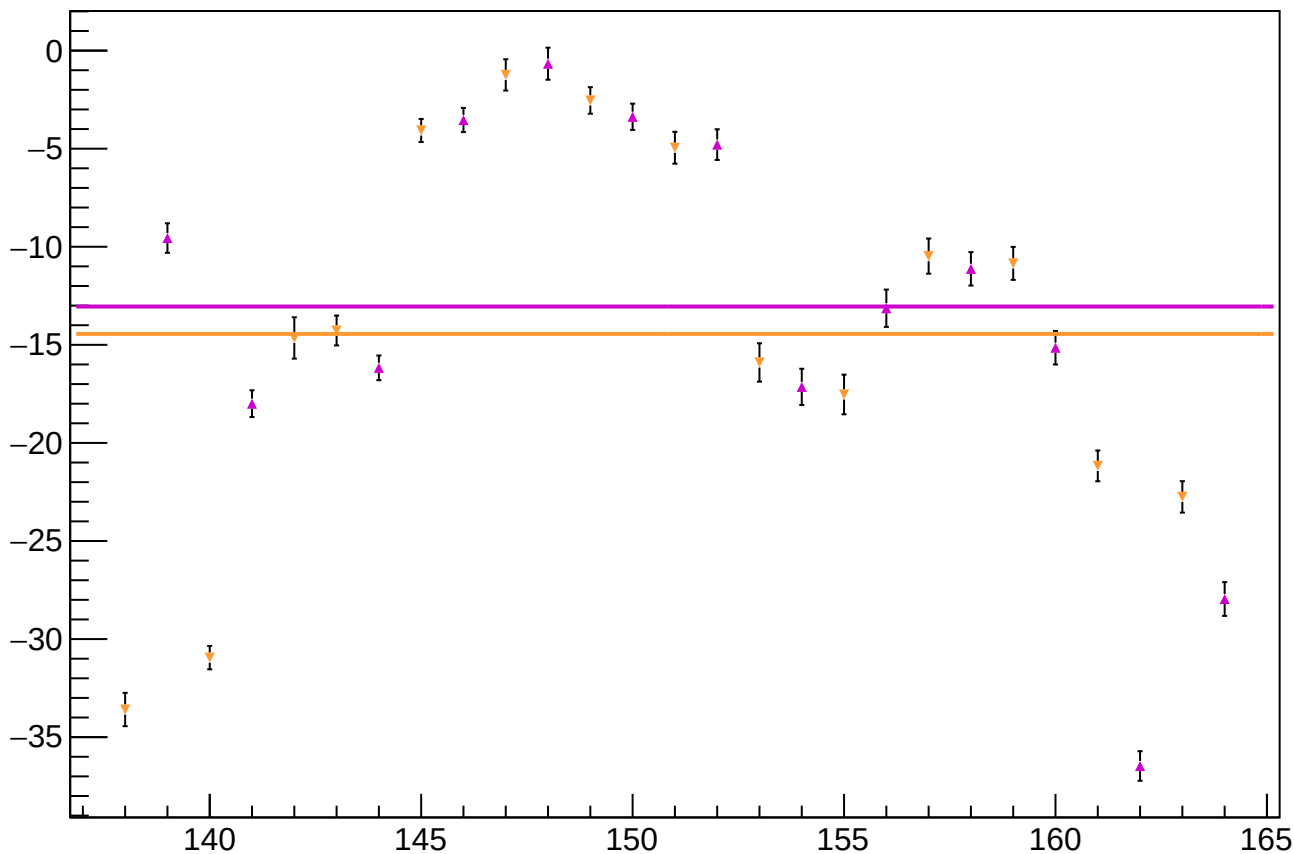
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.412 ± 0.005 χ^2/NDF : 2139.3/29

Out: 0.367 ± 0.005 χ^2/NDF : 2466.0/32

All: 0.390 ± 0.004 χ^2/NDF : 4640.6/62

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: -14.444+/-0.209 χ^2/NDF : 2538.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.046+/-0.211 χ^2/NDF : 2179.9/12

Left: -13.750+/-0.148 χ^2/NDF : 4740.1/26

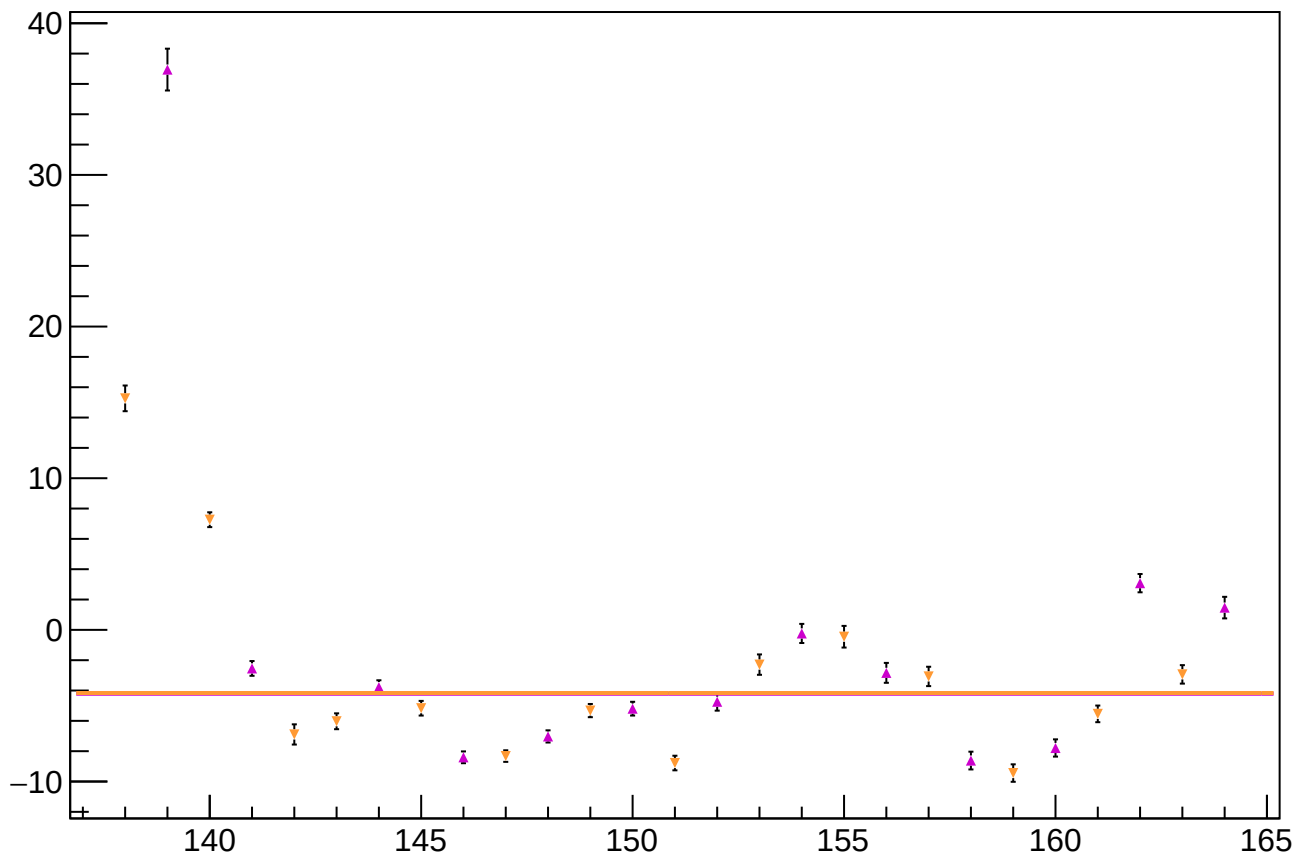
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.046+/-0.211 χ^2/NDF : 2179.9/12

Out: -14.444+/-0.209 χ^2/NDF : 2538.1/13

All: -13.750+/-0.148 χ^2/NDF : 4740.1/26

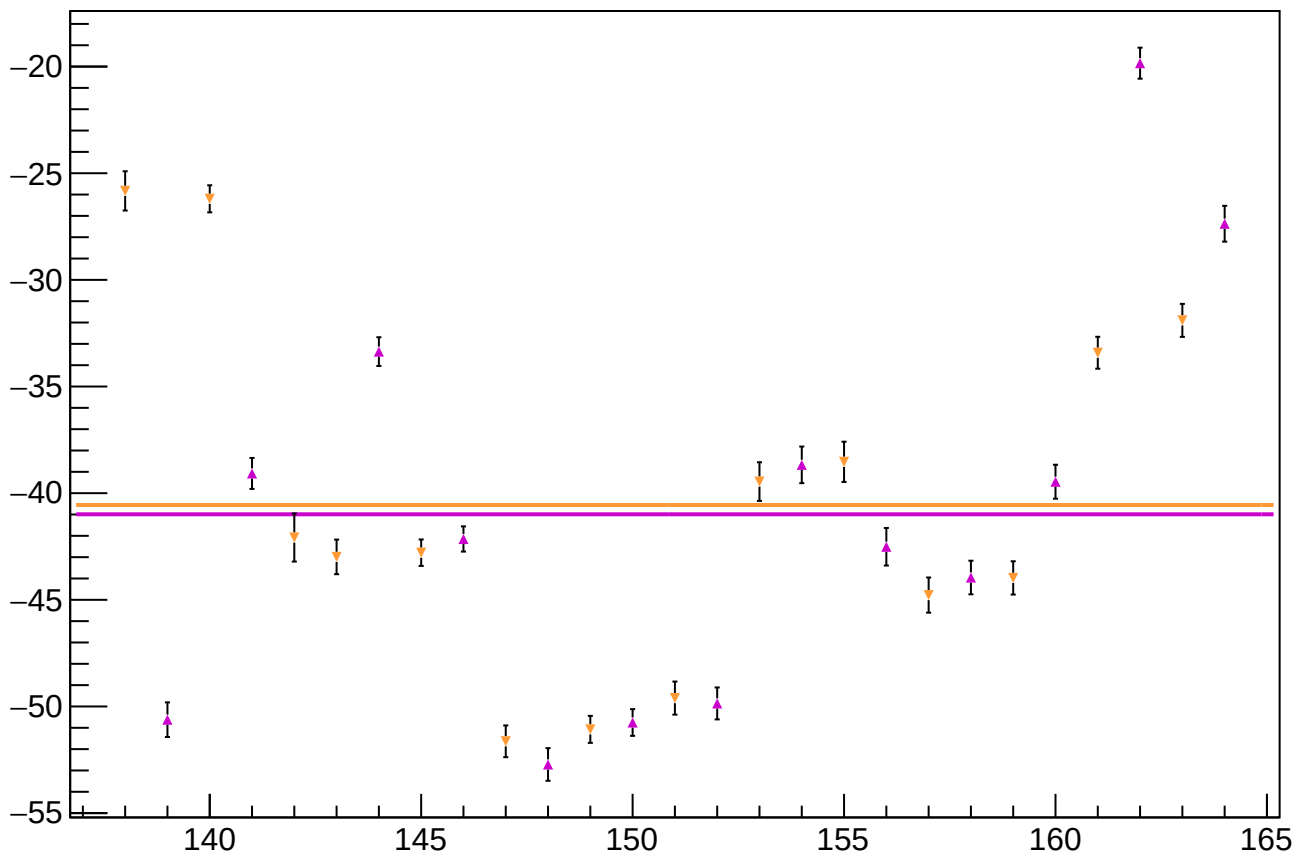
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.163+/-0.145 χ^2/NDF :1456.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.211+/-0.148 χ^2/NDF :1424.2/12

Left: -4.186+/-0.103 χ^2/NDF : 2880.7/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.211+/-0.148 χ^2/NDF :1424.2/12
 Out: -4.163+/-0.145 χ^2/NDF :1456.5/13
 All: -4.186+/-0.103 χ^2/NDF : 2880.7/26

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: -40.554+/-0.207 χ^2/NDF :1692.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.991+/-0.206 χ^2/NDF :2034.5/12

Left: -40.773+/-0.146 χ^2/NDF : 3729.1/26

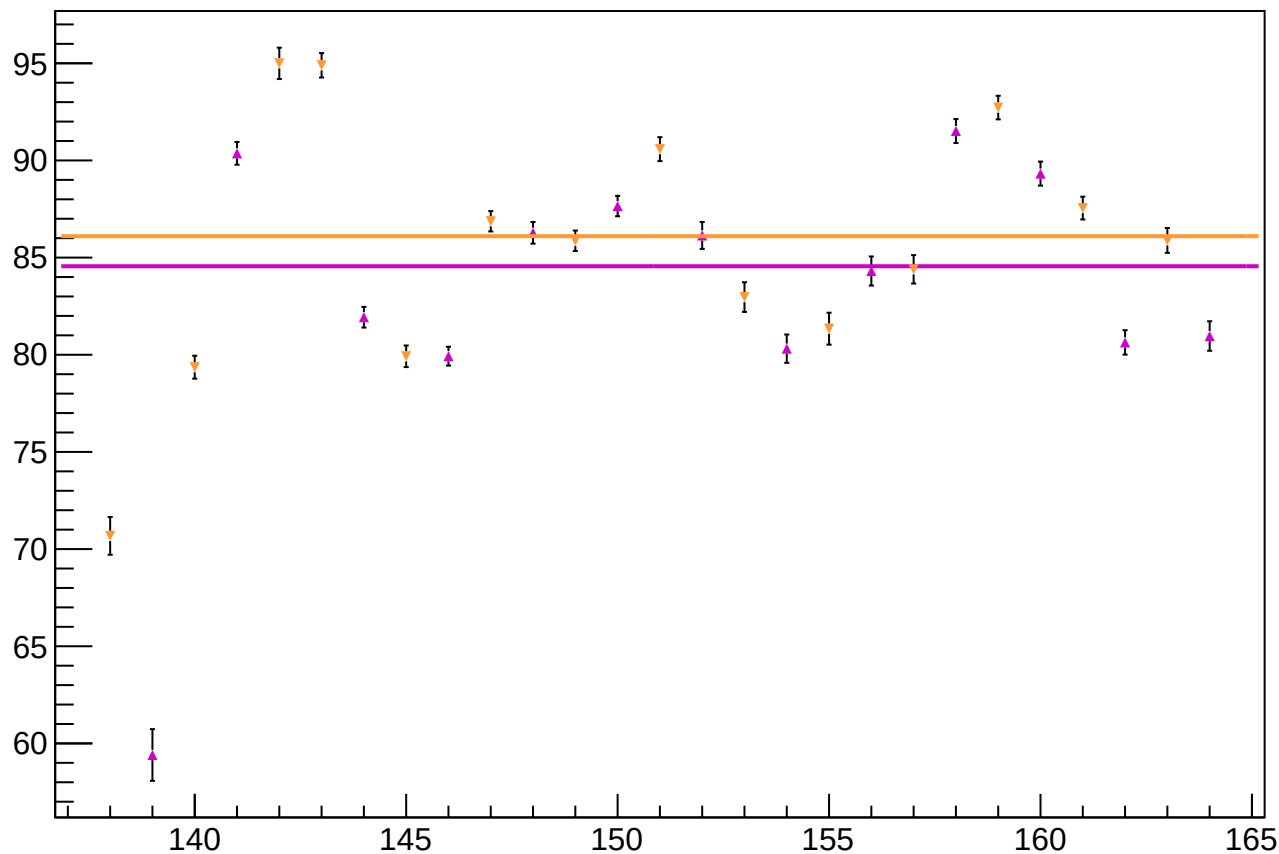
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.991+/-0.206 χ^2/NDF :2034.5/12

Out: -40.554+/-0.207 χ^2/NDF :1692.4/13

All: -40.773+/-0.146 χ^2/NDF : 3729.1/26

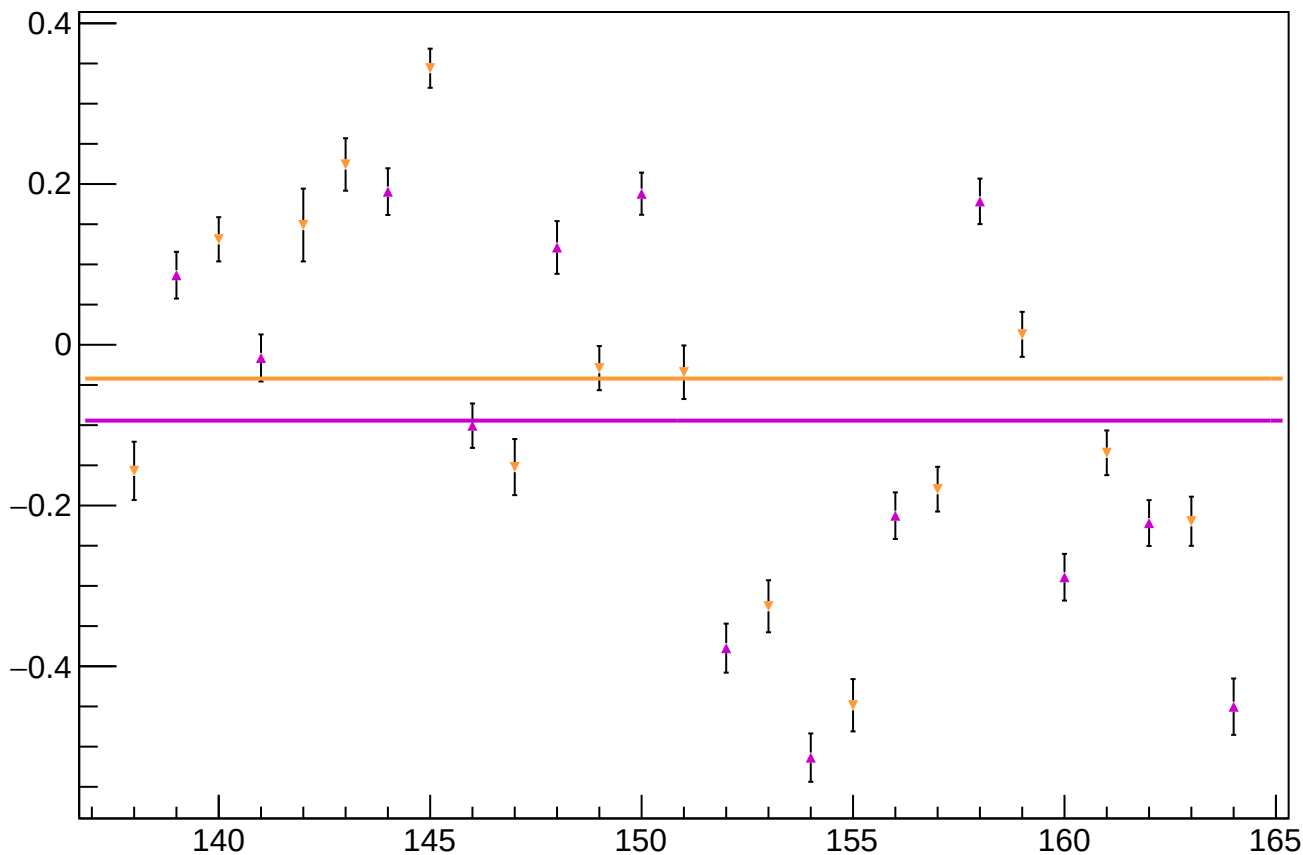
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 86.102+/-0.171 χ^2/NDF :1060.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.556+/-0.173 χ^2/NDF :902.7/12

Left: 85.340+/-0.122 χ^2/NDF : 2003.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.556+/-0.173 χ^2/NDF :902.7/12
 Out: 86.102+/-0.171 χ^2/NDF :1060.8/13
 All: 85.340+/-0.122 χ^2/NDF : 2003.9/26

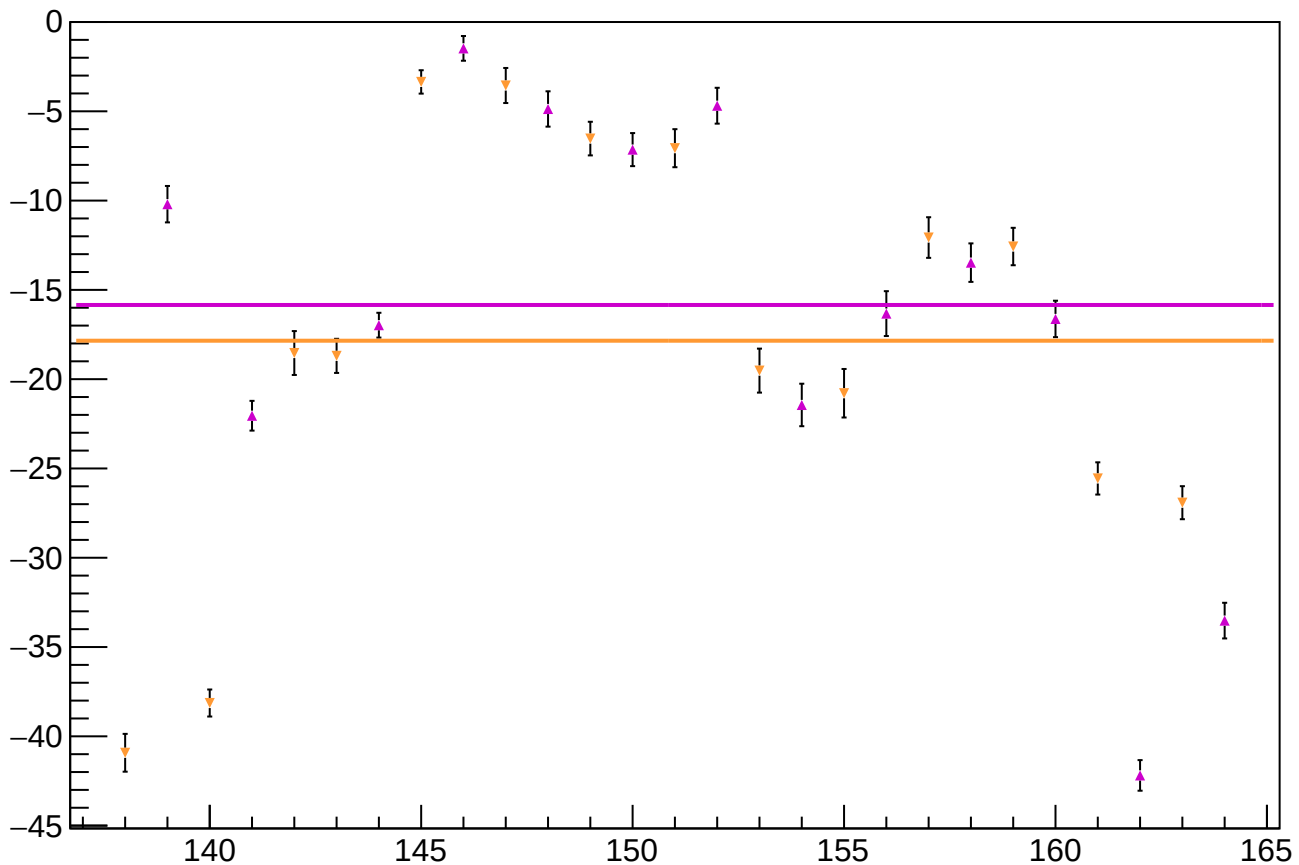
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.042+/-0.008 χ^2/NDF : 701.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.094+/-0.008 χ^2/NDF : 859.0/12

Left: -0.068+/-0.006 χ^2/NDF : 1581.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.094+/-0.008 χ^2/NDF : 859.0/12
 Out: -0.042+/-0.008 χ^2/NDF : 701.5/13
 All: -0.068+/-0.006 χ^2/NDF : 1581.1/26

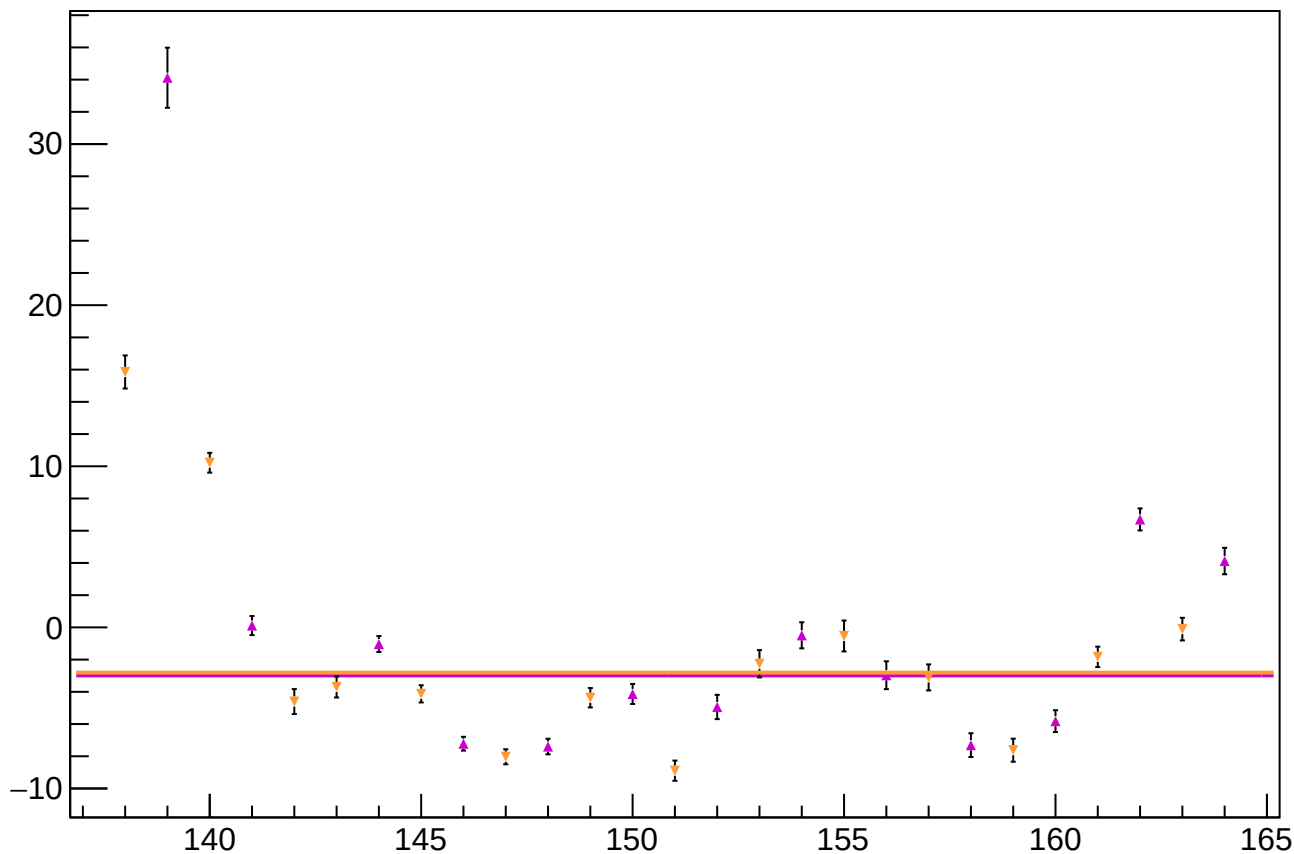
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.847+/-0.258 χ^2/NDF :2370.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.845+/-0.256 χ^2/NDF :2139.9/12

Left: -16.839+/-0.182 χ^2/NDF : 4540.6/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -15.845+/-0.256 χ^2/NDF :2139.9/12
 Out: -17.847+/-0.258 χ^2/NDF :2370.4/13
 All: -16.839+/-0.182 χ^2/NDF : 4540.6/26

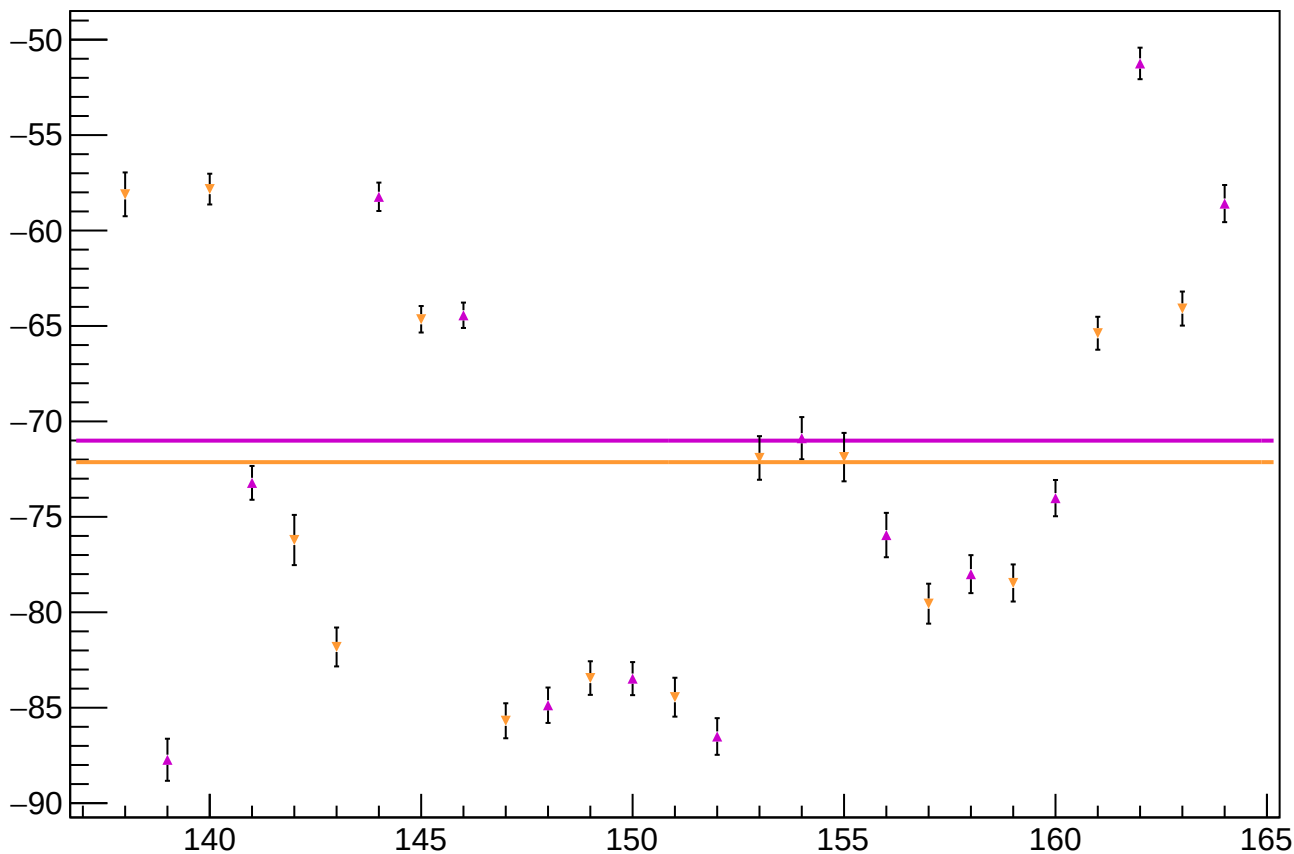
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.807+/-0.178 χ^2/NDF :1087.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.981+/-0.177 χ^2/NDF :966.8/12

Left: -2.894+/-0.126 χ^2/NDF : 2055.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.981+/-0.177 χ^2/NDF :966.8/12
 Out: -2.807+/-0.178 χ^2/NDF :1087.8/13
 All: -2.894+/-0.126 χ^2/NDF : 2055.1/26

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: -72.135+/-0.256 χ^2/NDF :1445.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.008+/-0.250 χ^2/NDF :2133.7/12

Left: -71.560+/-0.179 χ^2/NDF : 3589.3/26

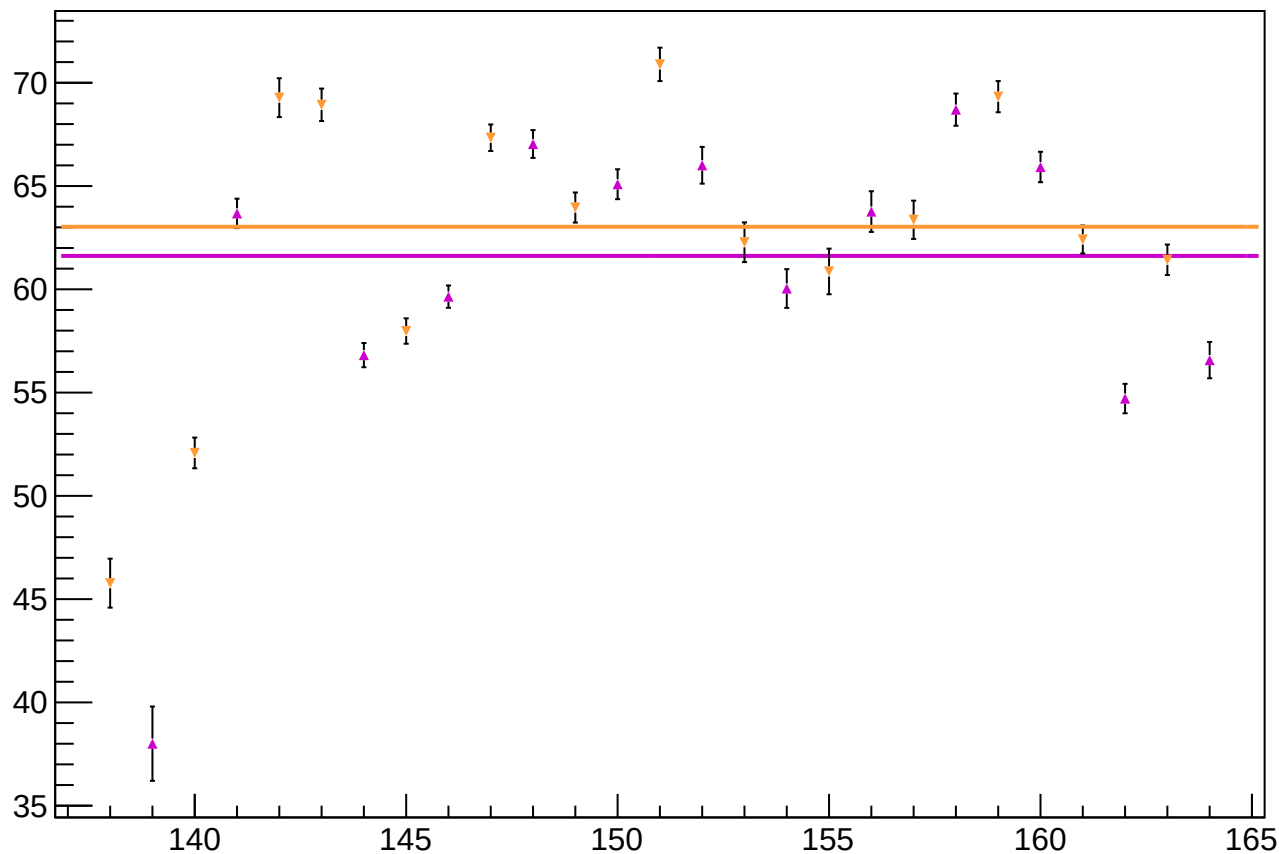
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.008+/-0.250 χ^2/NDF :2133.7/12

Out: -72.135+/-0.256 χ^2/NDF :1445.7/13

All: -71.560+/-0.179 χ^2/NDF : 3589.3/26

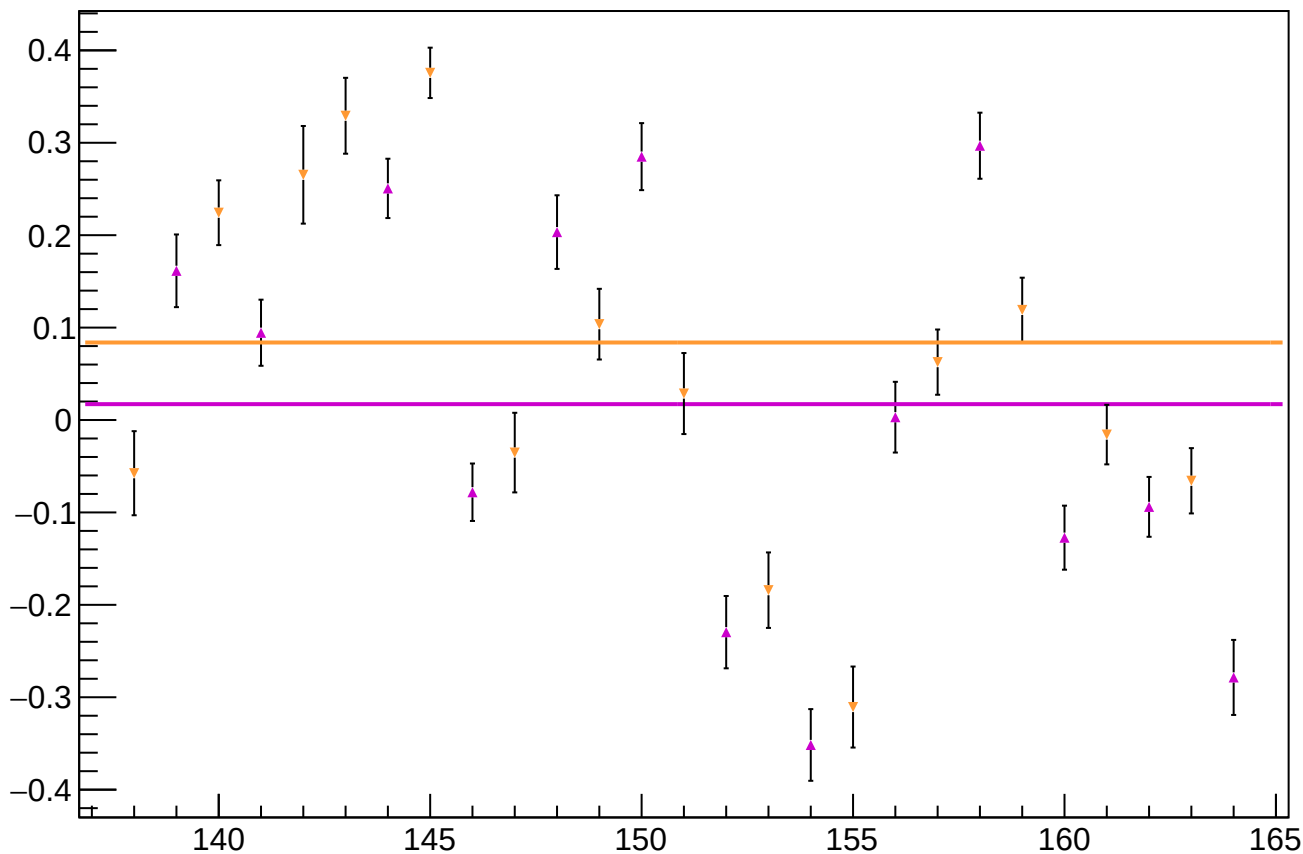
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.028+/-0.210 χ^2/NDF : 818.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.616+/-0.209 χ^2/NDF : 624.5/12

Left: 62.317+/-0.148 χ^2/NDF : 1465.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.616+/-0.209 χ^2/NDF : 624.5/12
 Out: 63.028+/-0.210 χ^2/NDF : 818.0/13
 All: 62.317+/-0.148 χ^2/NDF : 1465.2/26

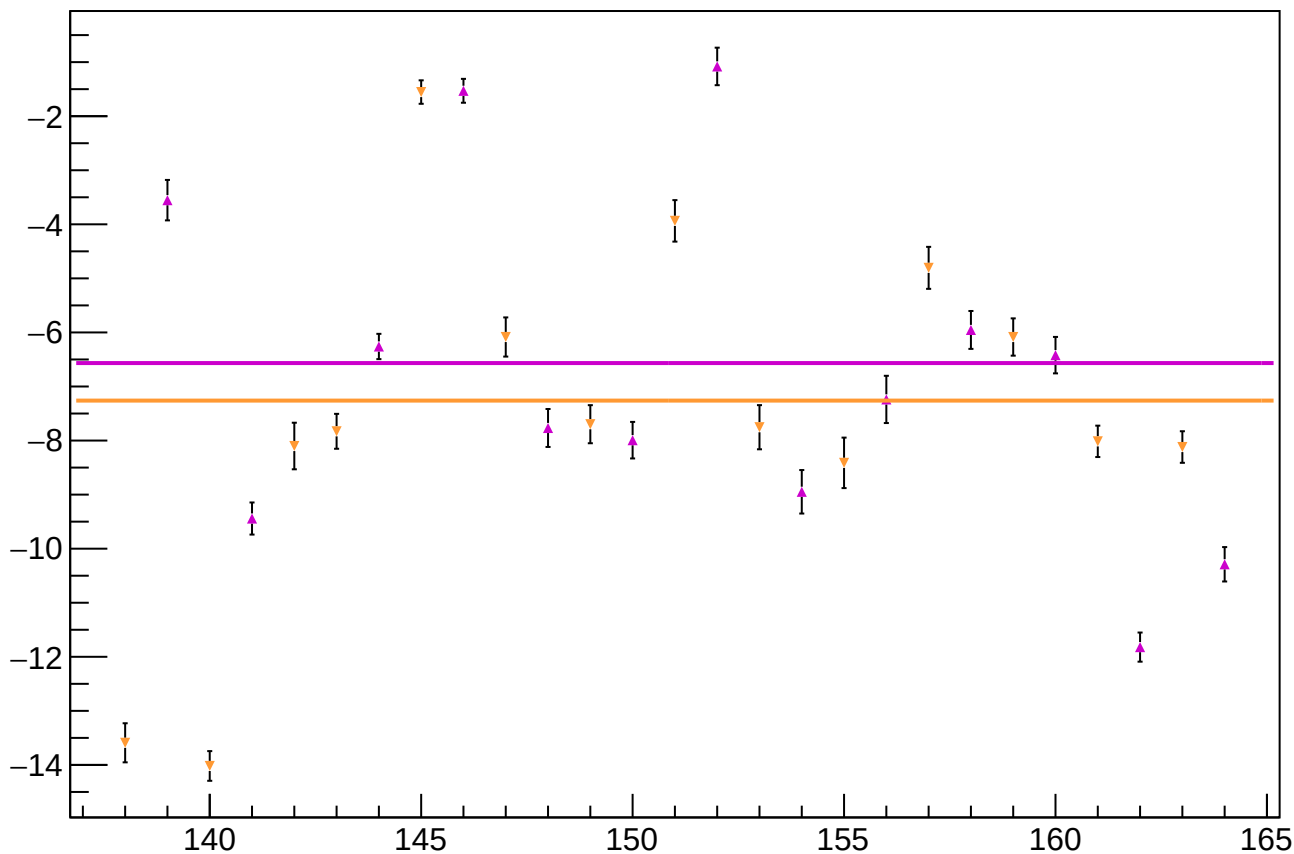
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.084 $\pm$ 0.010 χ^2 /NDF:350.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.017 $\pm$ 0.010 χ^2 /NDF:430.5/12

Left: 0.050 $\pm$ 0.007 χ^2 /NDF: 802.9/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.017 $\pm$ 0.010 χ^2 /NDF:430.5/12
 Out: 0.084 $\pm$ 0.010 χ^2 /NDF:350.3/13
 All: 0.050 $\pm$ 0.007 χ^2 /NDF: 802.9/26

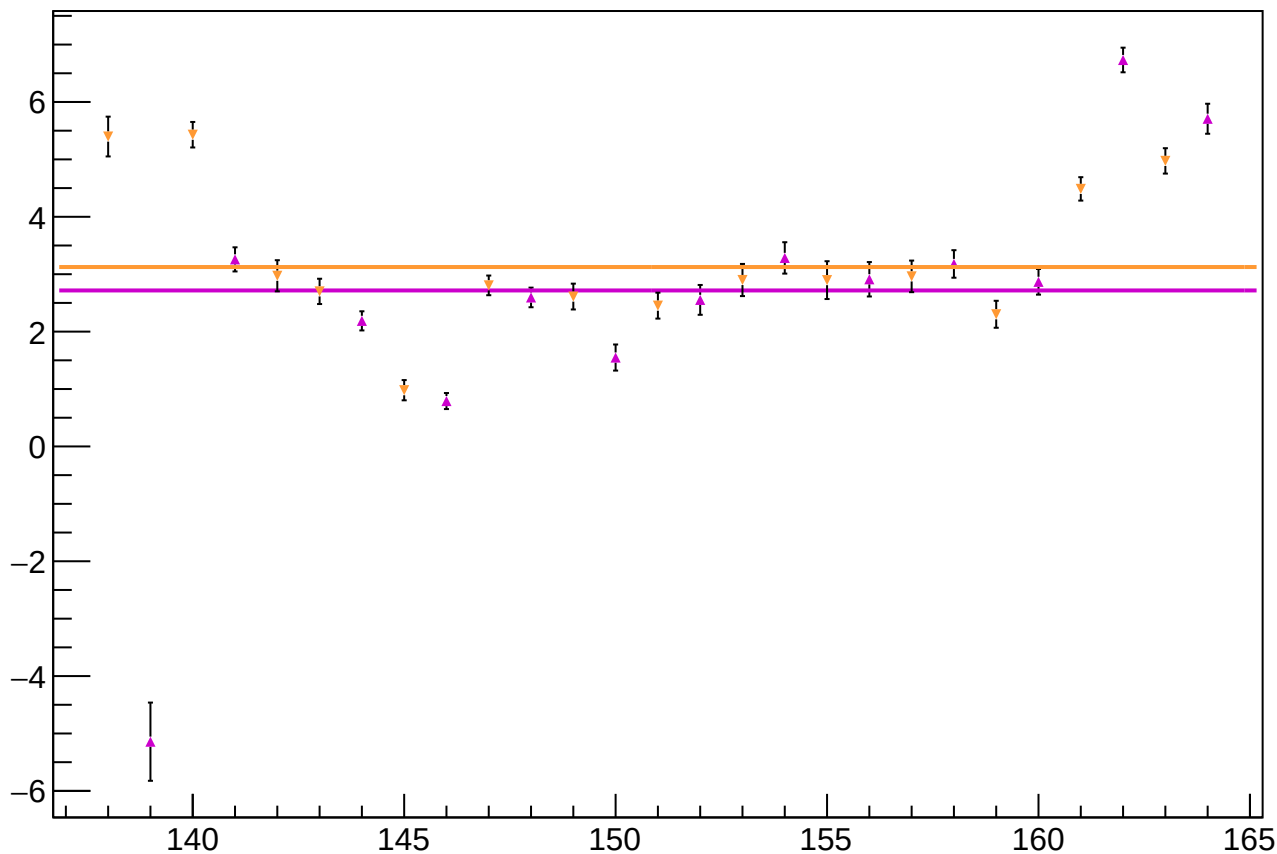
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.261+/-0.088 χ^2/NDF :1772.4/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.567+/-0.086 χ^2/NDF :1517.3/12

Left: -6.906+/-0.062 χ^2/NDF : 3321.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.567+/-0.086 χ^2/NDF :1517.3/12
 Out: -7.261+/-0.088 χ^2/NDF :1772.4/13
 All: -6.906+/-0.062 χ^2/NDF : 3321.4/26

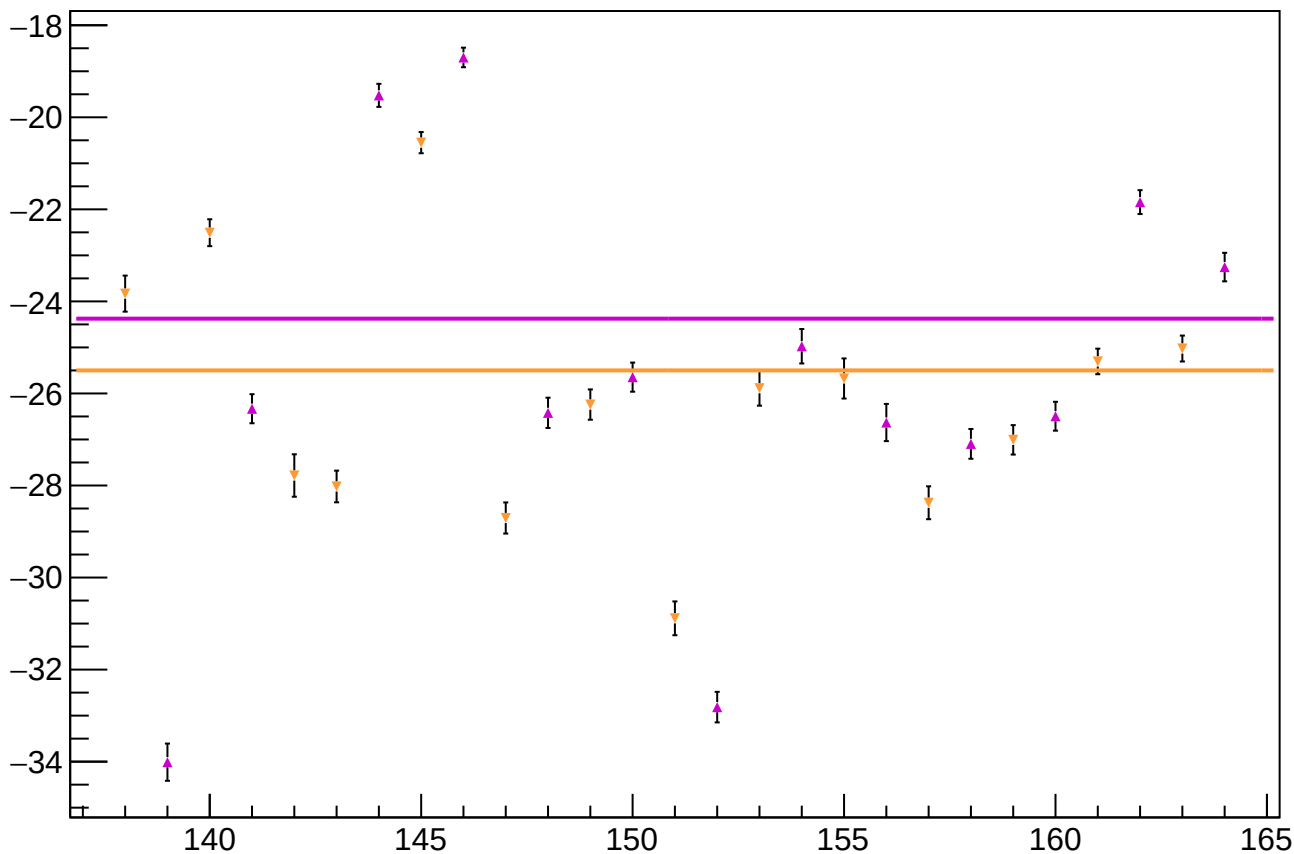
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 3.125 ± 0.061 $\chi^2/\text{NDF}: 448.4/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 2.717 ± 0.060 $\chi^2/\text{NDF}: 857.8/12$

Left: 2.916 ± 0.043 $\chi^2/\text{NDF}: 1328.8/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 2.717 ± 0.060 $\chi^2/\text{NDF}: 857.8/12$
 Out: 3.125 ± 0.061 $\chi^2/\text{NDF}: 448.4/13$
 All: 2.916 ± 0.043 $\chi^2/\text{NDF}: 1328.8/26$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.499+/-0.087 χ^2/NDF :1063.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.375+/-0.084 χ^2/NDF :2653.1/12

Left: -24.917+/-0.061 χ^2/NDF : 3802.6/26

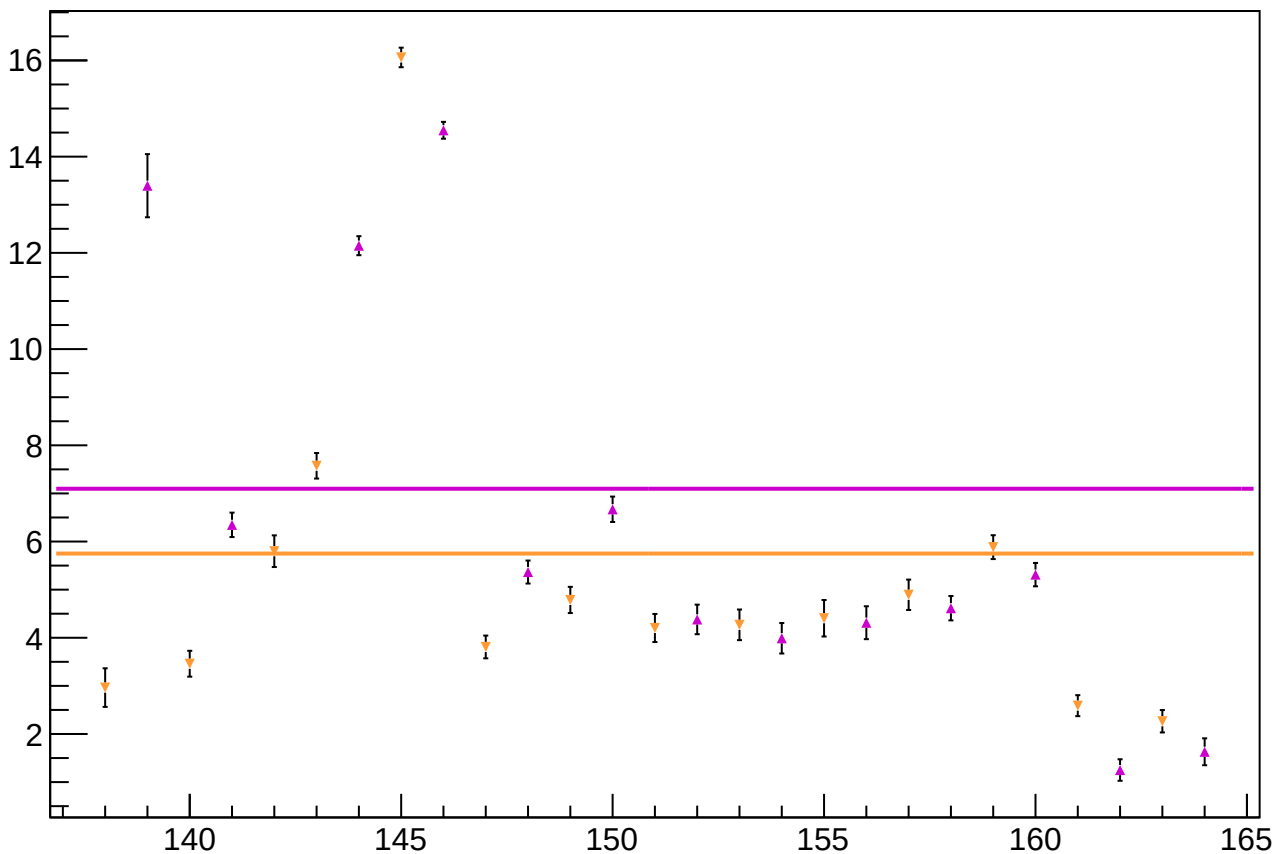
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.375+/-0.084 χ^2/NDF :2653.1/12

Out: -25.499+/-0.087 χ^2/NDF :1063.8/13

All: -24.917+/-0.061 χ^2/NDF : 3802.6/26

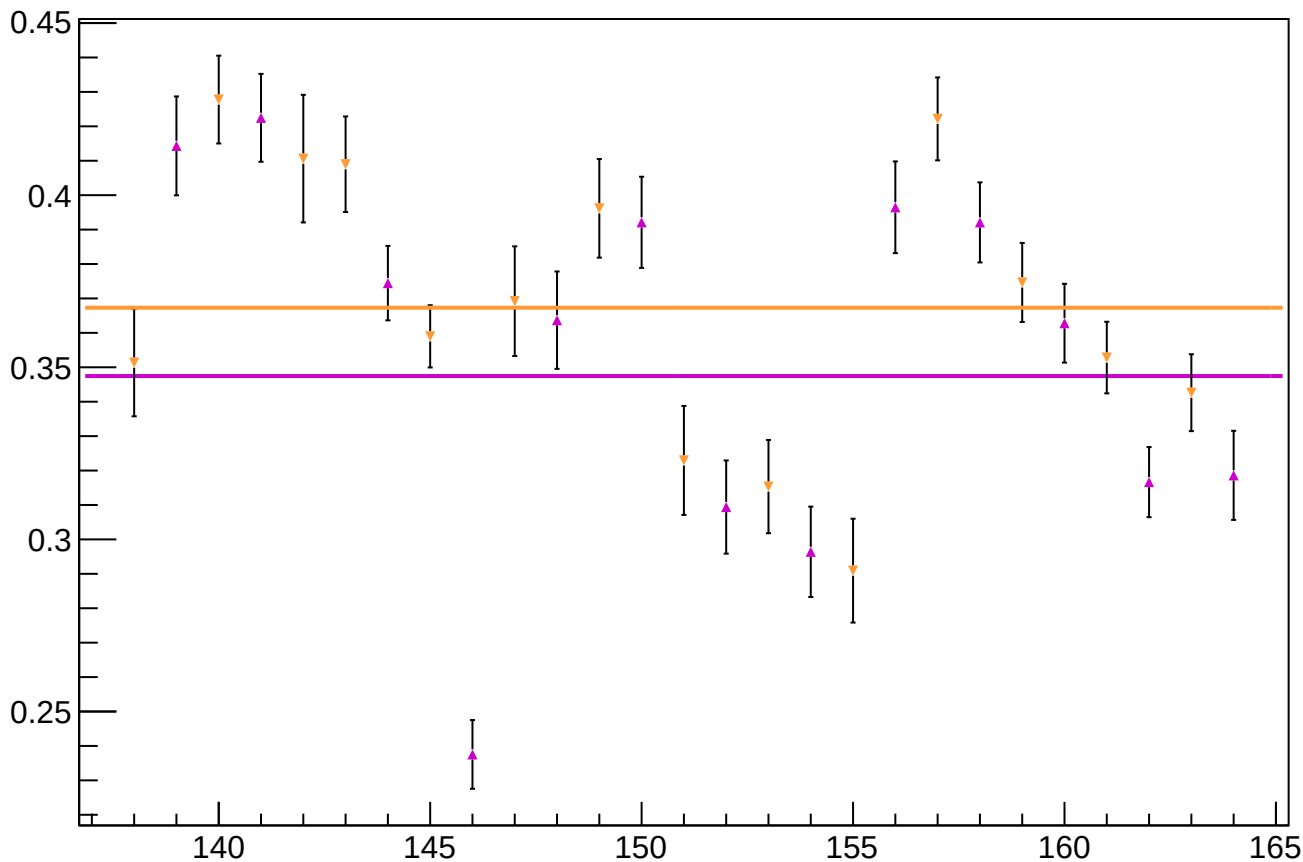
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.750+/-0.072 χ^2/NDF :3327.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.097+/-0.070 χ^2/NDF :4081.1/12

Left: 6.439+/-0.050 χ^2/NDF : 7587.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.097+/-0.070 χ^2/NDF :4081.1/12
 Out: 5.750+/-0.072 χ^2/NDF :3327.2/13
 All: 6.439+/-0.050 χ^2/NDF : 7587.9/26

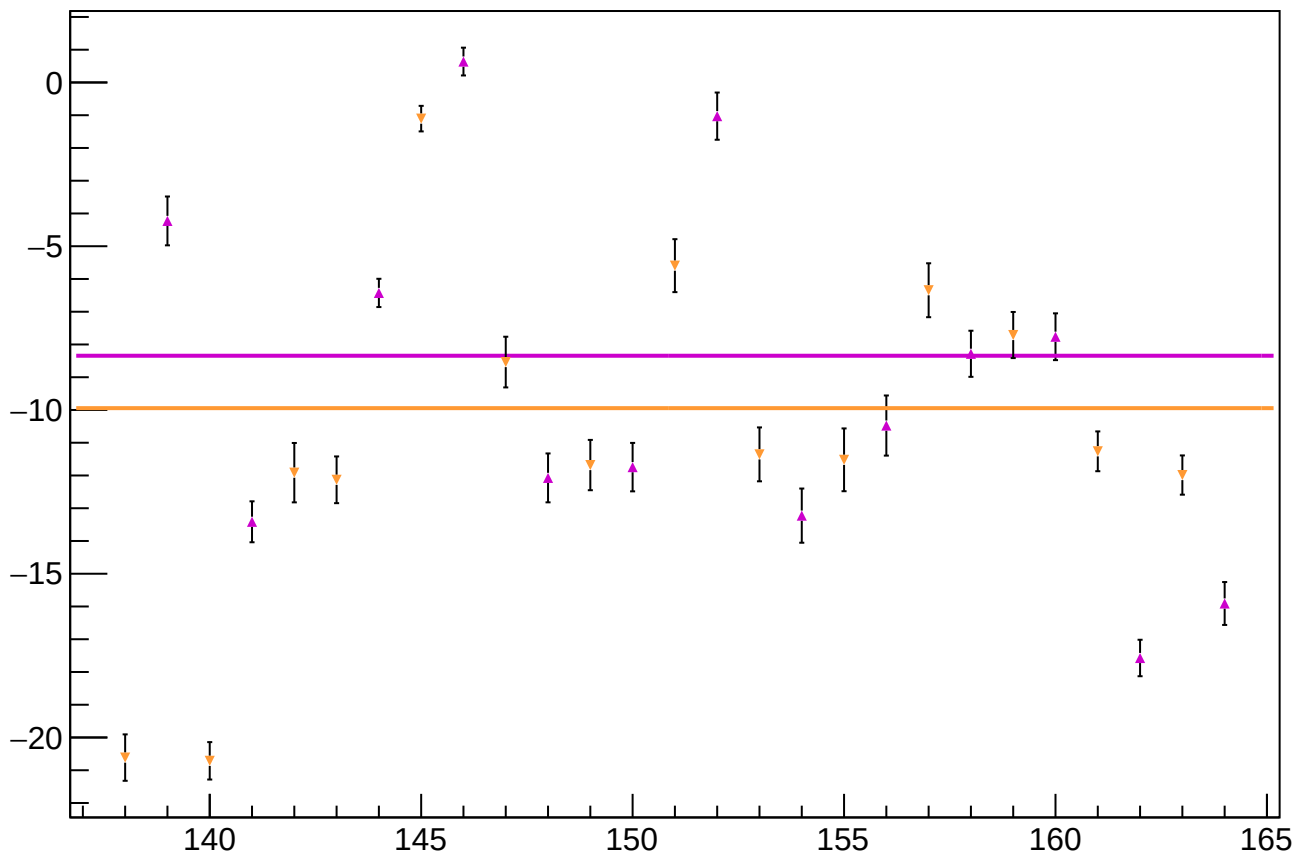
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.367 $\pm$ 0.003 χ^2 /NDF:119.1/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.347 $\pm$ 0.003 χ^2 /NDF:263.5/12

Left: 0.357 $\pm$ 0.002 χ^2 /NDF: 399.6/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.347 $\pm$ 0.003 χ^2 /NDF:263.5/12
 Out: 0.367 $\pm$ 0.003 χ^2 /NDF:119.1/13
 All: 0.357 $\pm$ 0.002 χ^2 /NDF: 399.6/26

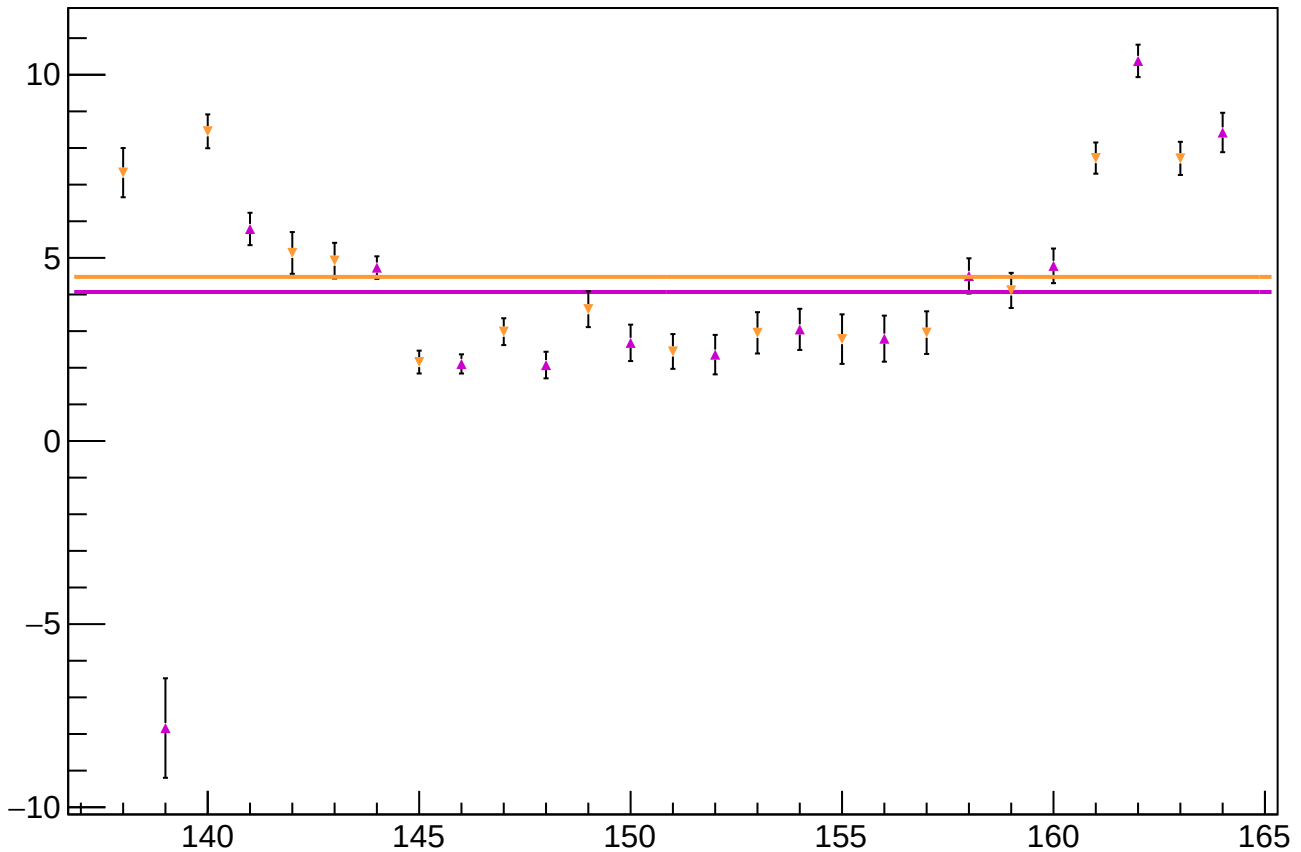
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.944 $\pm$ 0.179 χ^2 /NDF:1198.1/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.344 $\pm$ 0.174 χ^2 /NDF:1162.5/12

Left: -9.122 $\pm$ 0.125 χ^2 /NDF: 2401.7/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.344 $\pm$ 0.174 χ^2 /NDF:1162.5/12
 Out: -9.944 $\pm$ 0.179 χ^2 /NDF:1198.1/13
 All: -9.122 $\pm$ 0.125 χ^2 /NDF: 2401.7/26

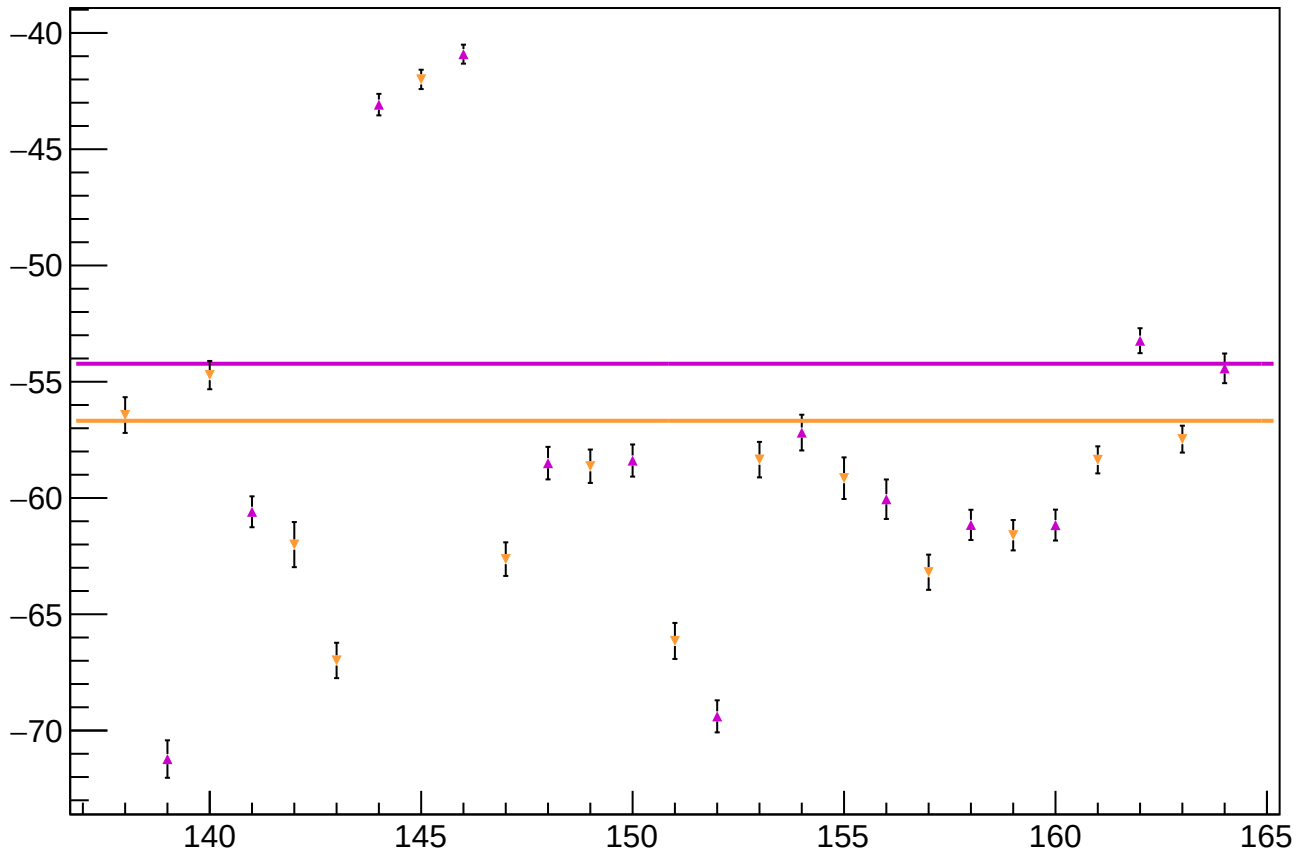
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.482+/-0.125 χ^2/NDF :317.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.068+/-0.120 χ^2/NDF :479.7/12

Left: 4.266+/-0.087 χ^2/NDF : 803.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.068+/-0.120 χ^2/NDF :479.7/12
 Out: 4.482+/-0.125 χ^2/NDF :317.8/13
 All: 4.266+/-0.087 χ^2/NDF : 803.1/26

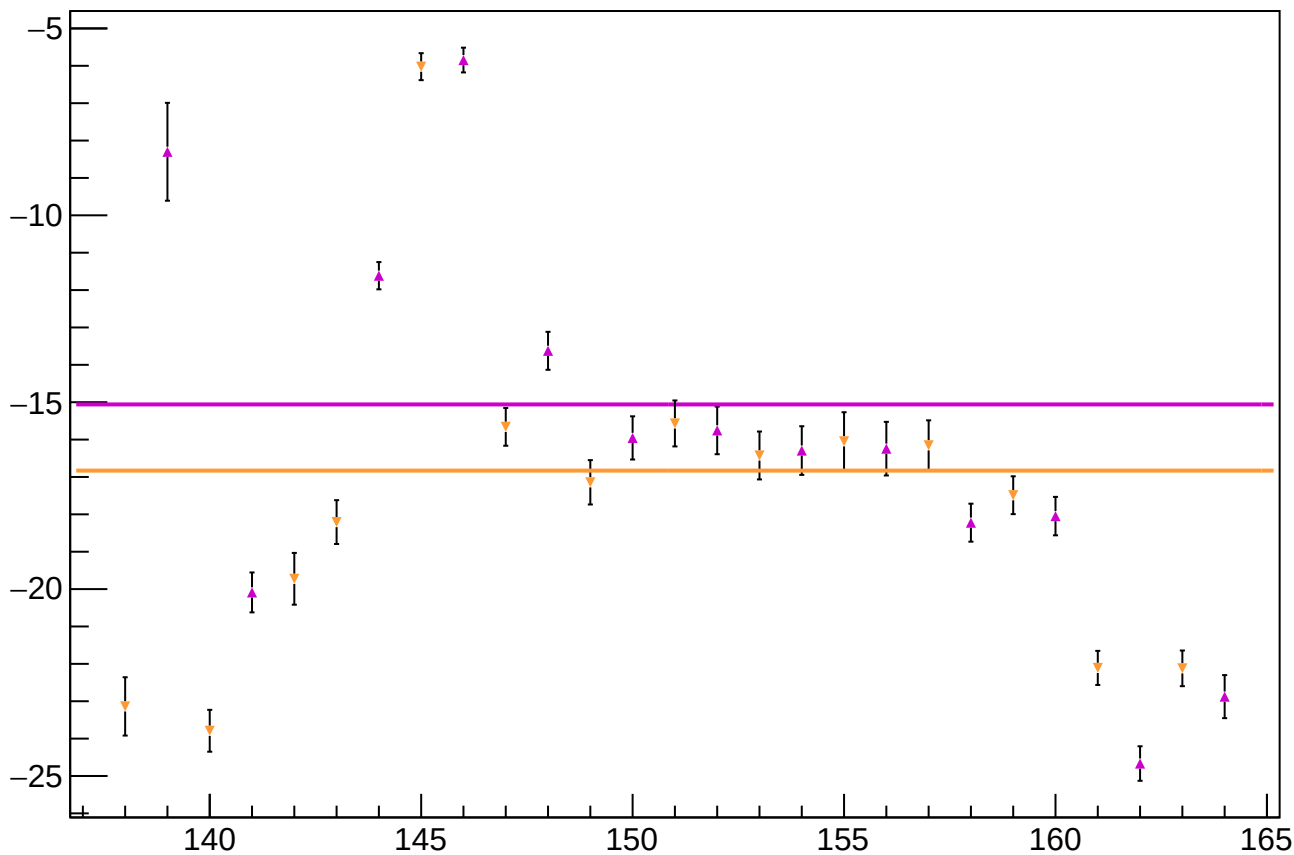
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -56.679 $\pm$ 0.178 χ^2/NDF :1848.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -54.226 $\pm$ 0.171 χ^2/NDF :3028.6/12

Left: -55.399 $\pm$ 0.123 χ^2/NDF : 4976.0/26
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -54.226 $\pm$ 0.171 χ^2/NDF :3028.6/12
 Out: -56.679 $\pm$ 0.178 χ^2/NDF :1848.4/13
 All: -55.399 $\pm$ 0.123 χ^2/NDF : 4976.0/26

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -16.830 $\pm$ 0.147 χ^2 /NDF:1410.8/13

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.059 $\pm$ 0.142 χ^2 /NDF:1686.2/12

Left: -15.913 $\pm$ 0.102 χ^2 /NDF: 3172.1/26

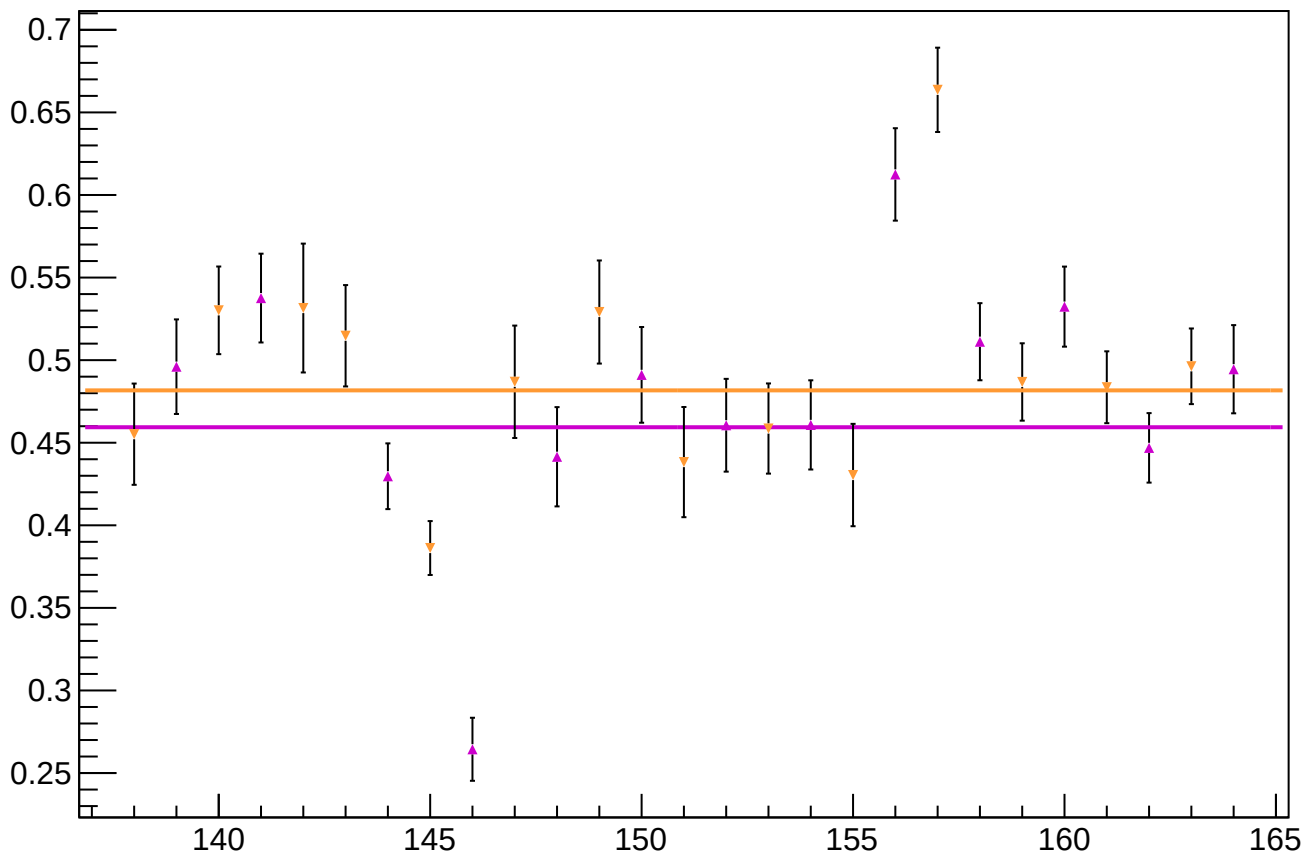
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.059 $\pm$ 0.142 χ^2 /NDF:1686.2/12

Out: -16.830 $\pm$ 0.147 χ^2 /NDF:1410.8/13

All: -15.913 $\pm$ 0.102 χ^2 /NDF: 3172.1/26

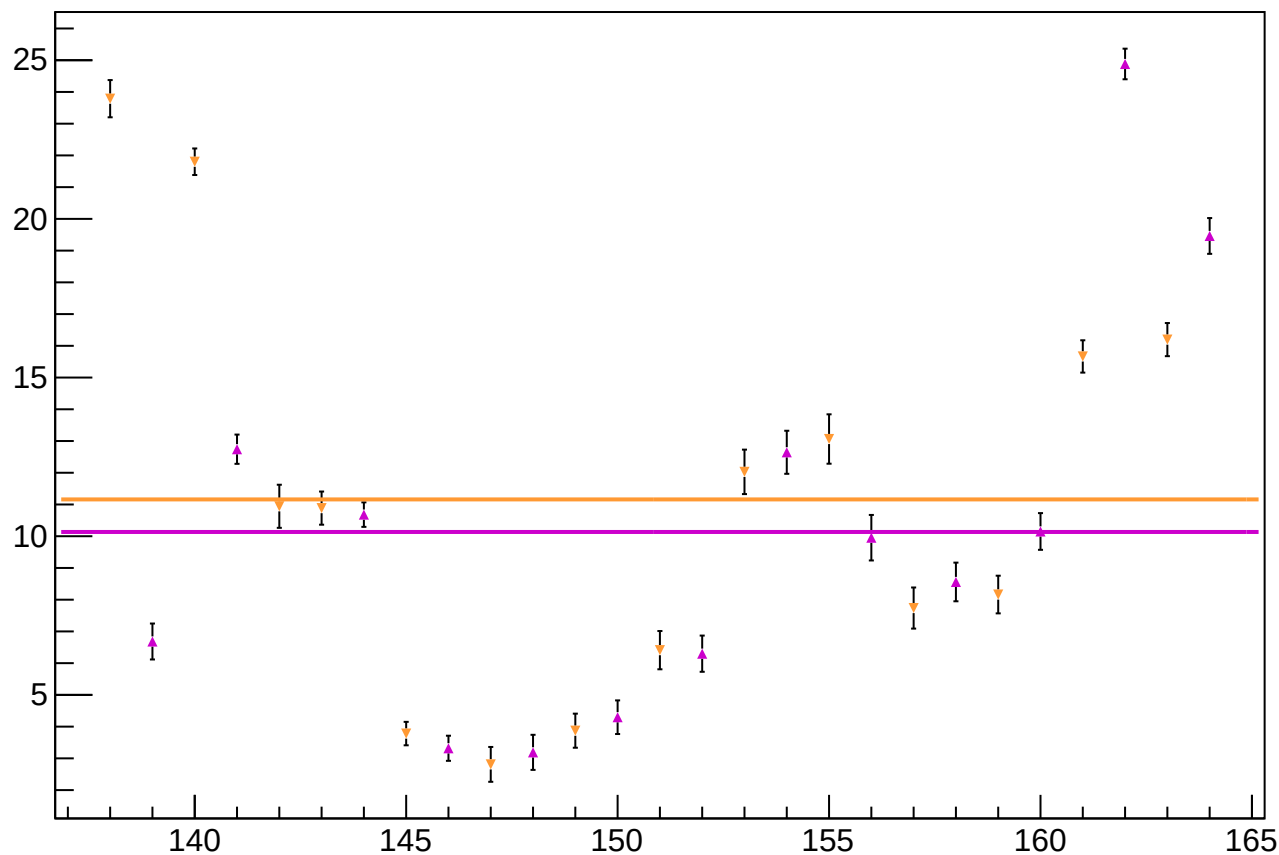
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.482+/-0.007 χ^2/NDF :99.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.459+/-0.007 χ^2/NDF :164.3/12

Left: 0.470+/-0.005 χ^2/NDF : 269.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.459+/-0.007 χ^2/NDF :164.3/12
 Out: 0.482+/-0.007 χ^2/NDF :99.8/13
 All: 0.470+/-0.005 χ^2/NDF : 269.3/26

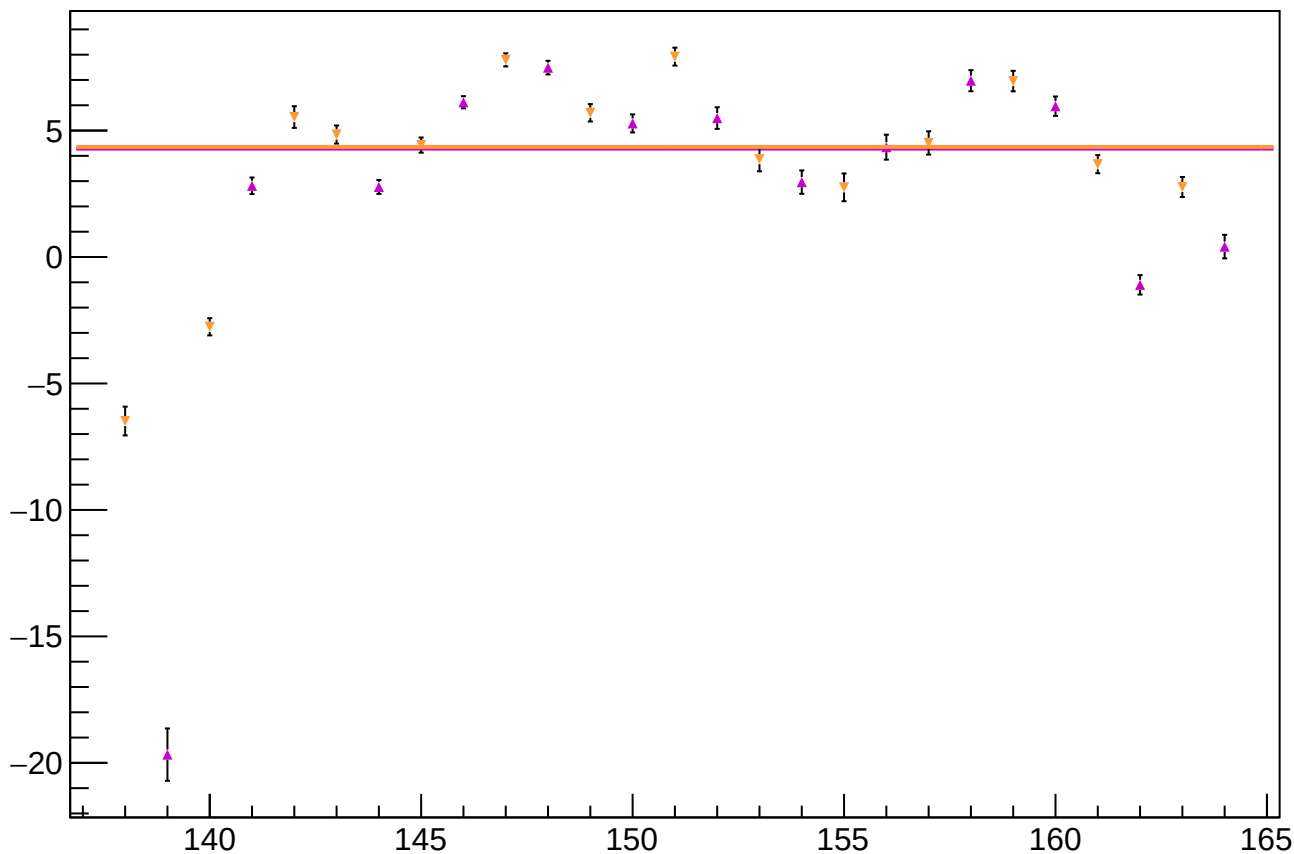
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 11.160 $\pm$ 0.145 χ^2/NDF :2219.5/13
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 10.134 $\pm$ 0.144 χ^2/NDF :1921.8/12

Left: 10.645 $\pm$ 0.102 χ^2/NDF : 4166.6/26
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 10.134 $\pm$ 0.144 χ^2/NDF :1921.8/12
 Out: 11.160 $\pm$ 0.145 χ^2/NDF :2219.5/13
 All: 10.645 $\pm$ 0.102 χ^2/NDF : 4166.6/26

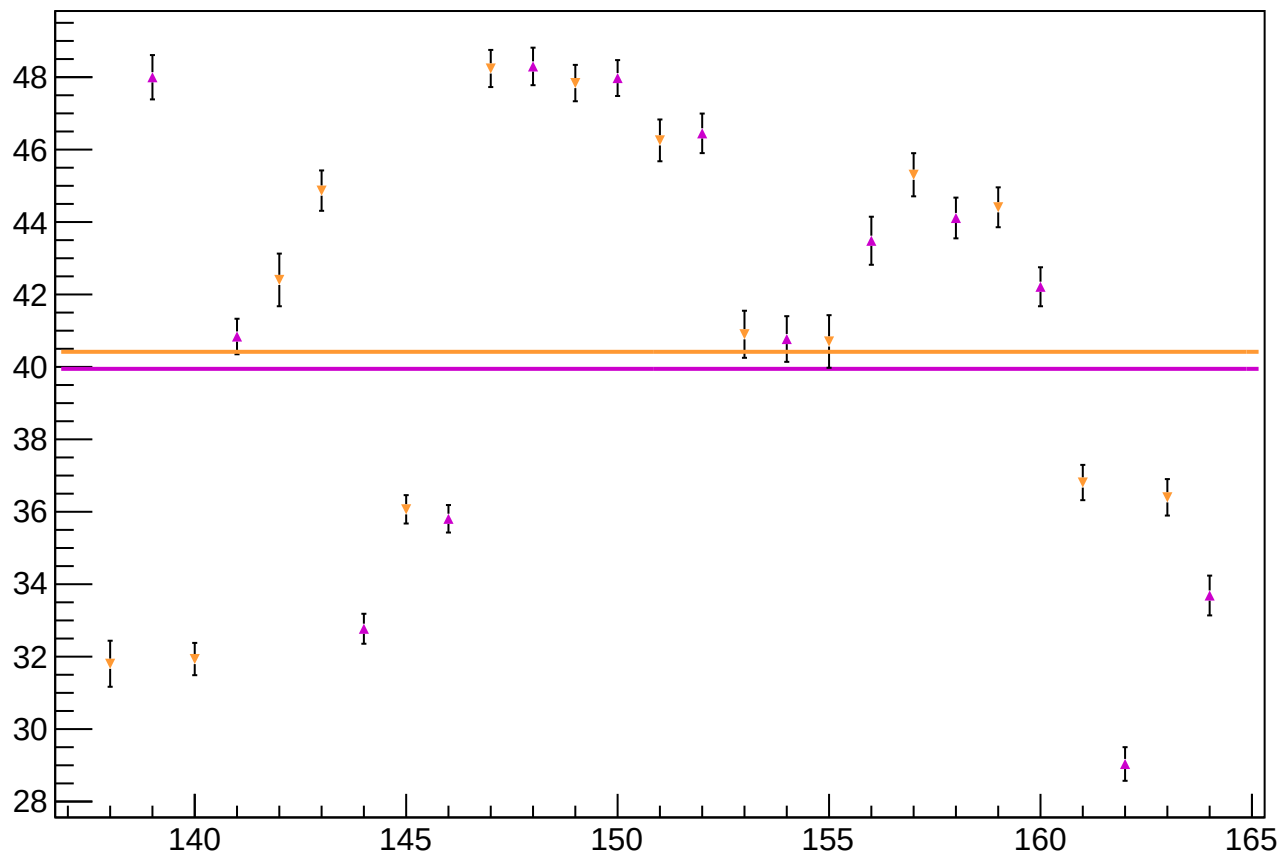
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.354+/-0.100 χ^2/NDF :1172.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.289+/-0.100 χ^2/NDF :1135.0/12

Left: 4.321+/-0.071 χ^2/NDF : 2307.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.289+/-0.100 χ^2/NDF :1135.0/12
 Out: 4.354+/-0.100 χ^2/NDF :1172.0/13
 All: 4.321+/-0.071 χ^2/NDF : 2307.3/26

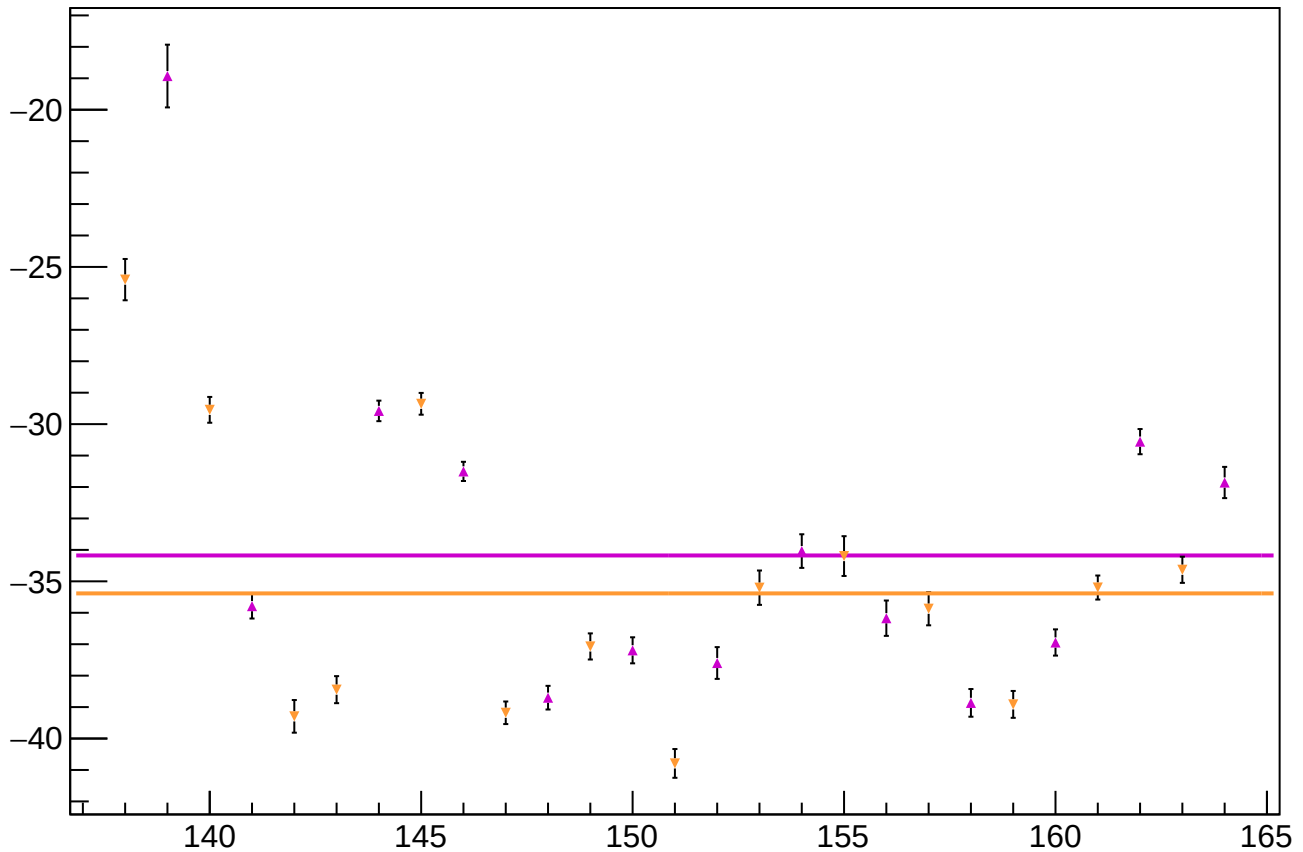
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.417 $\pm$ 0.144 χ^2 /NDF:1533.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.946 $\pm$ 0.141 χ^2 /NDF:2044.7/12

Left: 40.178 $\pm$ 0.101 χ^2 /NDF: 3583.5/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.946 $\pm$ 0.141 χ^2 /NDF:2044.7/12
 Out: 40.417 $\pm$ 0.144 χ^2 /NDF:1533.3/13
 All: 40.178 $\pm$ 0.101 χ^2 /NDF: 3583.5/26

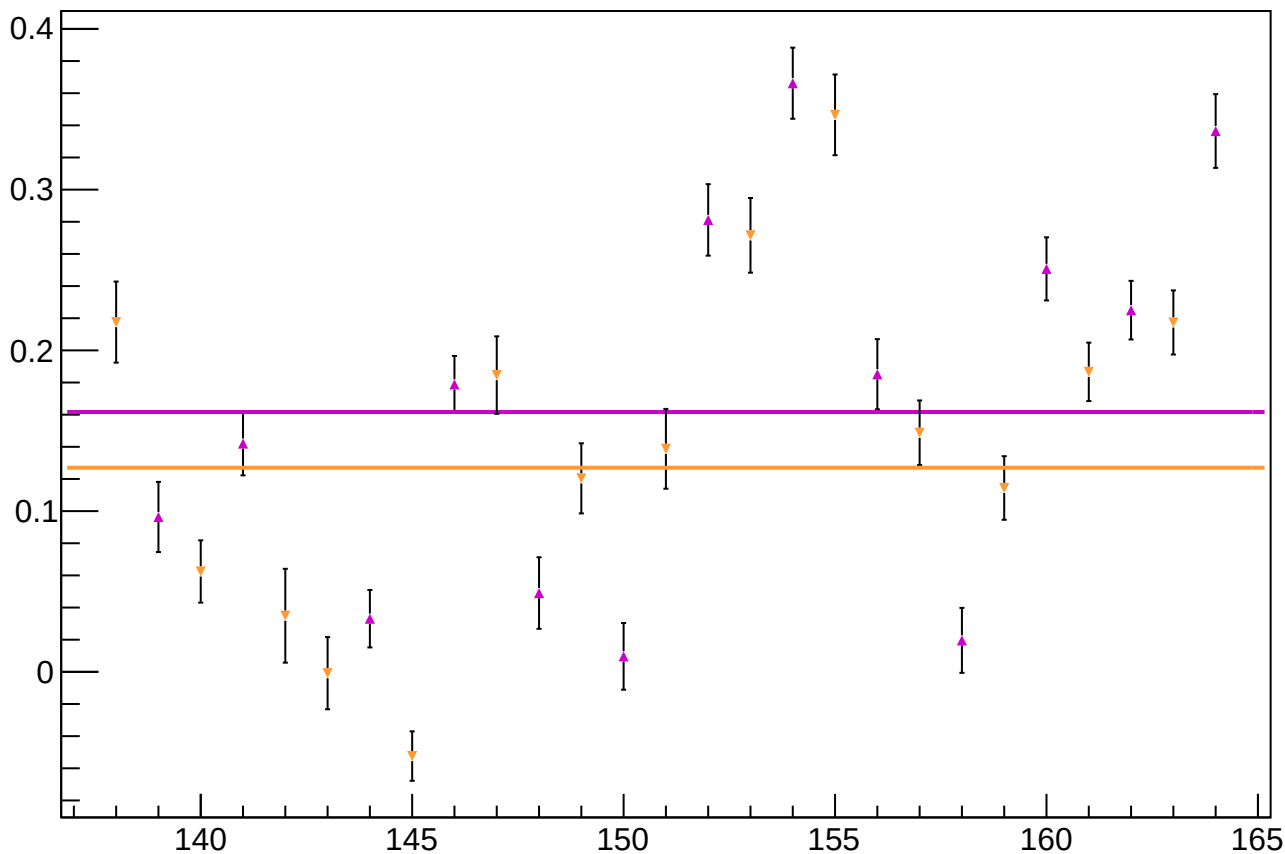
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -35.384 ± 0.118 $\chi^2/\text{NDF}: 1187.4/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -34.177 ± 0.118 $\chi^2/\text{NDF}: 1042.2/12$

Left: -34.778 ± 0.083 $\chi^2/\text{NDF}: 2281.8/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -34.177 ± 0.118 $\chi^2/\text{NDF}: 1042.2/12$
 Out: -35.384 ± 0.118 $\chi^2/\text{NDF}: 1187.4/13$
 All: -34.778 ± 0.083 $\chi^2/\text{NDF}: 2281.8/26$

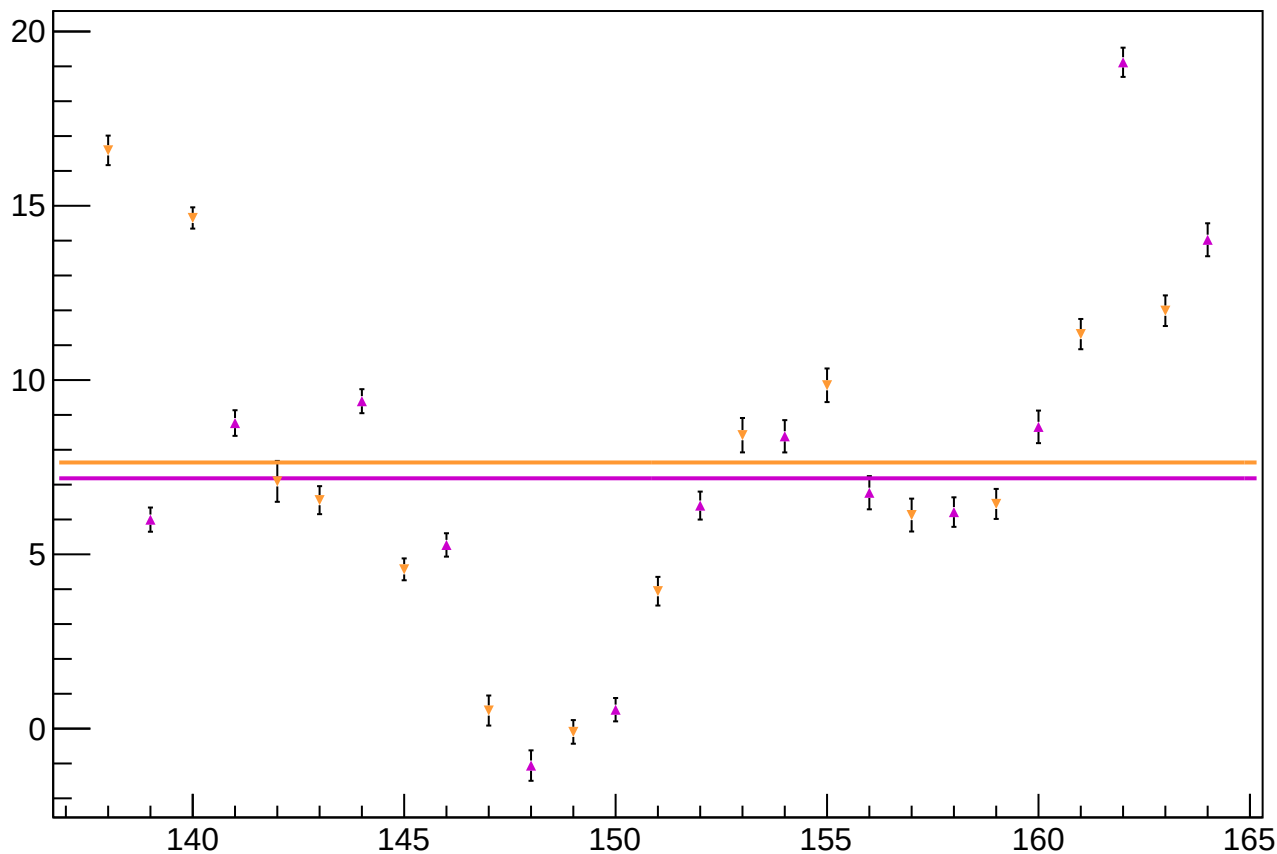
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.127 $\pm$ 0.006 χ^2 /NDF:356.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.162 $\pm$ 0.006 χ^2 /NDF:397.6/12

Left: 0.144 $\pm$ 0.004 χ^2 /NDF: 772.8/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.162 $\pm$ 0.006 χ^2 /NDF:397.6/12
 Out: 0.127 $\pm$ 0.006 χ^2 /NDF:356.4/13
 All: 0.144 $\pm$ 0.004 χ^2 /NDF: 772.8/26

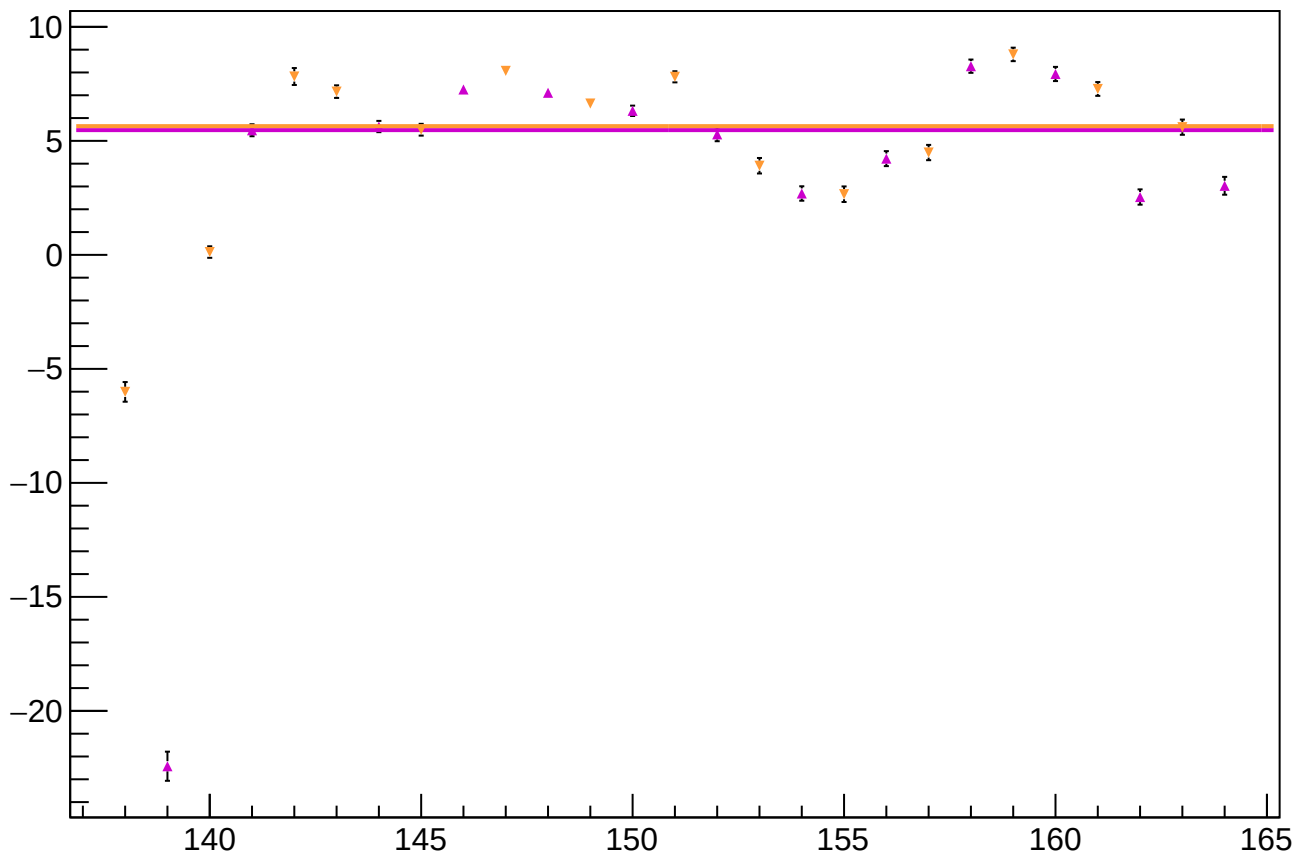
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.636+/-0.109 χ^2/NDF :2162.7/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.181+/-0.110 χ^2/NDF :1898.8/12

Left: 7.411+/-0.077 χ^2/NDF : 4070.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.181+/-0.110 χ^2/NDF :1898.8/12
 Out: 7.636+/-0.109 χ^2/NDF :2162.7/13
 All: 7.411+/-0.077 χ^2/NDF : 4070.0/26

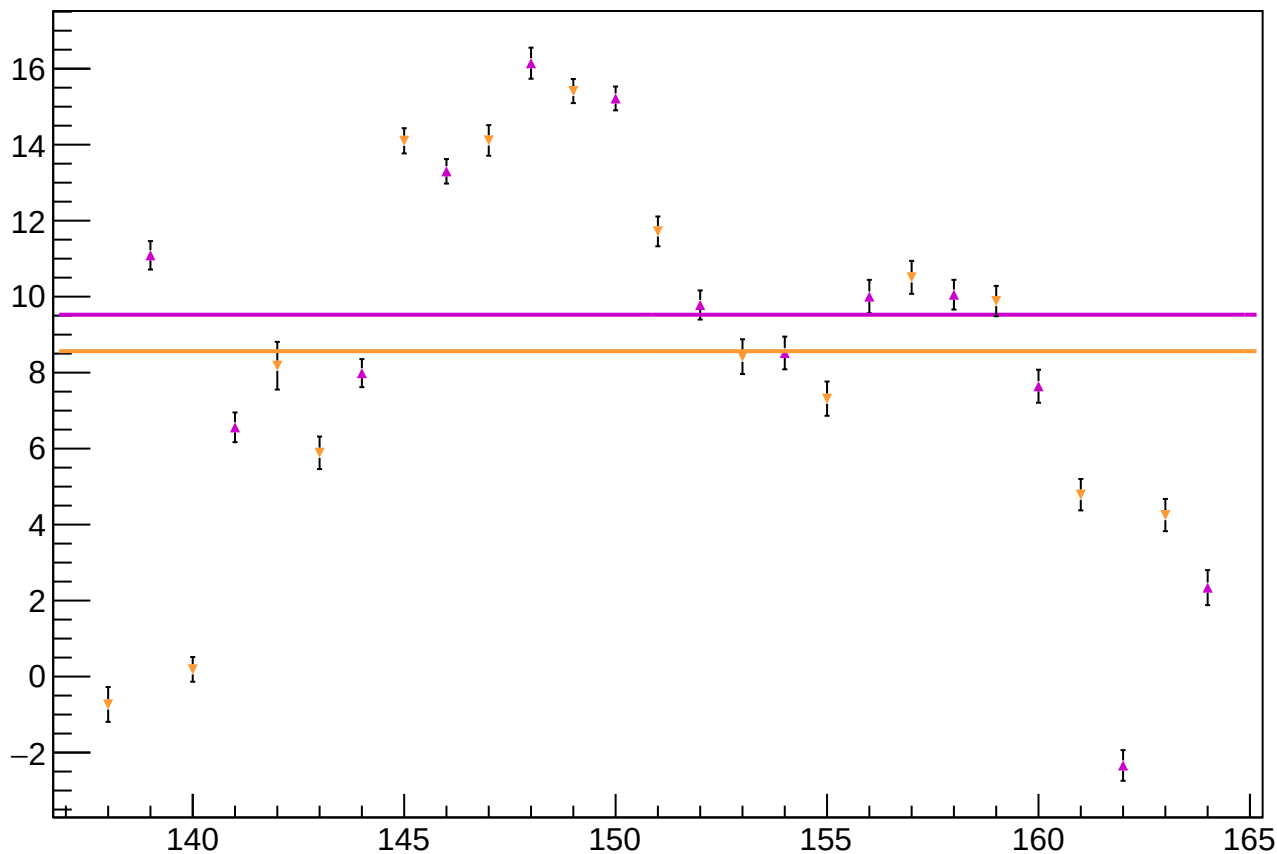
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.646 $\pm$ 0.076 χ^2 /NDF:1764.3/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.471 $\pm$ 0.078 χ^2 /NDF:2410.7/12

Left: 5.561 $\pm$ 0.054 χ^2 /NDF: 4177.5/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.471 $\pm$ 0.078 χ^2 /NDF:2410.7/12
 Out: 5.646 $\pm$ 0.076 χ^2 /NDF:1764.3/13
 All: 5.561 $\pm$ 0.054 χ^2 /NDF: 4177.5/26

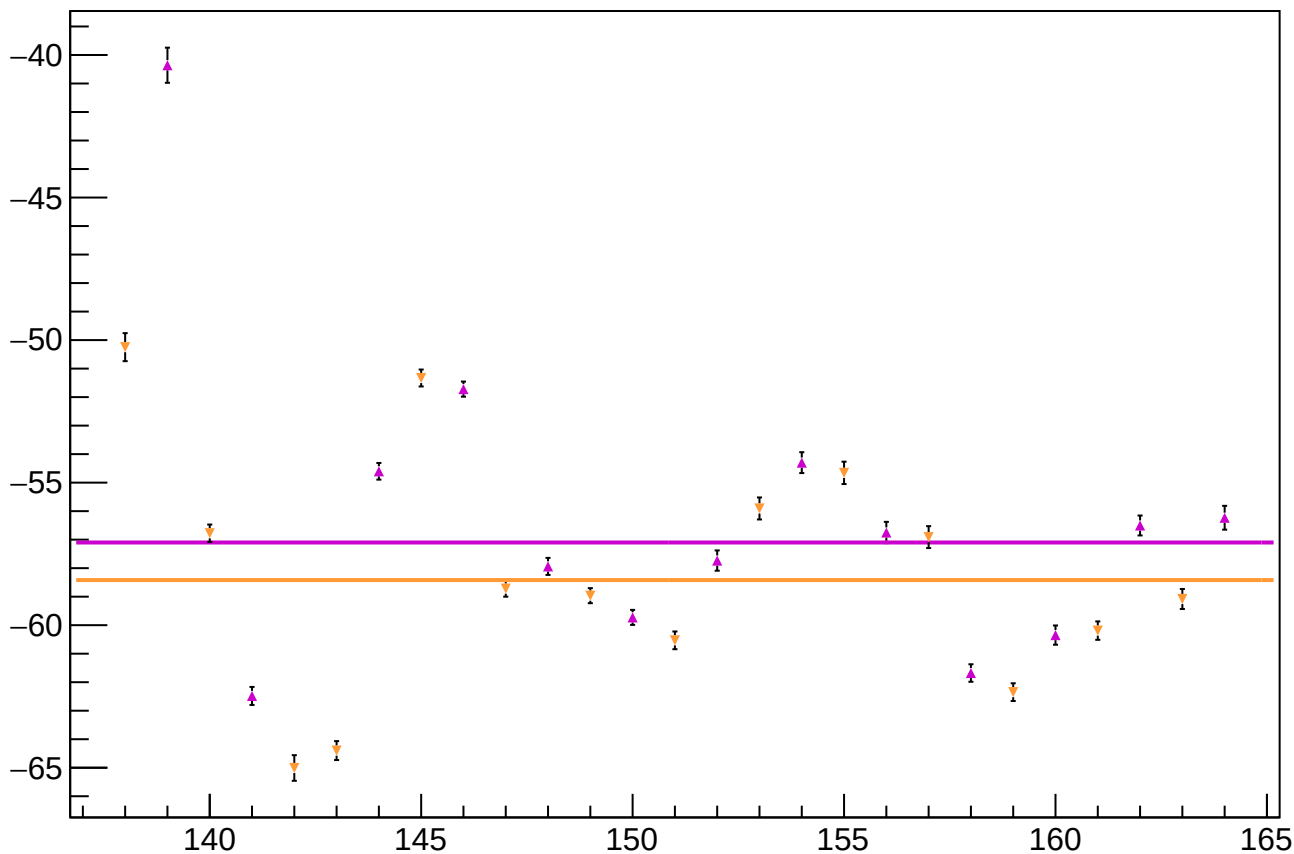
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.565+/-0.107 χ^2/NDF :2336.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.524+/-0.107 χ^2/NDF :1954.6/12

Left: 9.045+/-0.076 χ^2/NDF : 4331.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.524+/-0.107 χ^2/NDF :1954.6/12
 Out: 8.565+/-0.107 χ^2/NDF :2336.8/13
 All: 9.045+/-0.076 χ^2/NDF : 4331.4/26

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



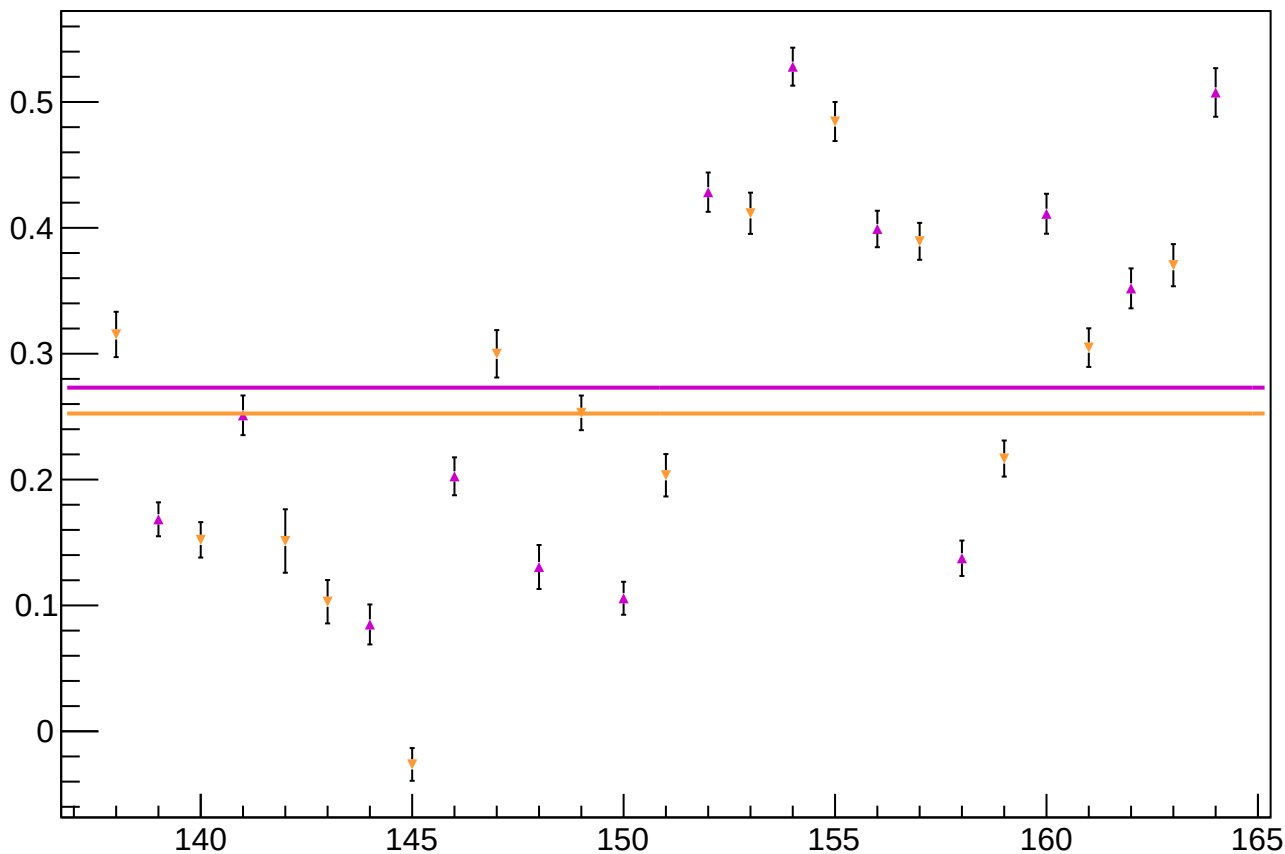
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.418+/-0.089 χ^2/NDF :1808.0/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -57.100+/-0.091 χ^2/NDF :2005.5/12

Left: -57.773+/-0.064 χ^2/NDF : 3920.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.100+/-0.091 χ^2/NDF :2005.5/12
 Out: -58.418+/-0.089 χ^2/NDF :1808.0/13

All: -57.773+/-0.064 χ^2/NDF : 3920.1/26

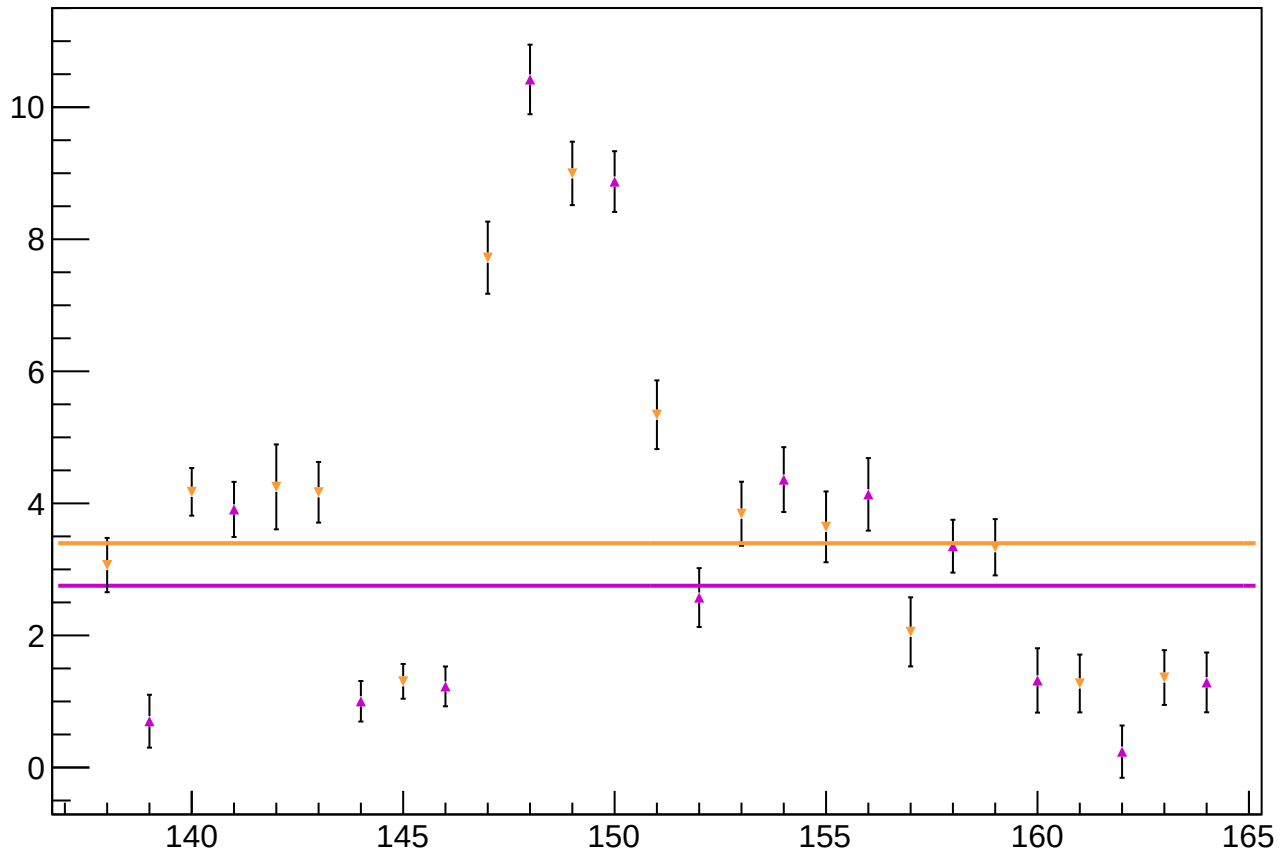
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.252 $\pm$ 0.004 χ^2 /NDF:1100.9/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.273 $\pm$ 0.004 χ^2 /NDF:1255.1/12

Left: 0.263 $\pm$ 0.003 χ^2 /NDF: 2367.7/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.273 $\pm$ 0.004 χ^2 /NDF:1255.1/12
 Out: 0.252 $\pm$ 0.004 χ^2 /NDF:1100.9/13
 All: 0.263 $\pm$ 0.003 χ^2 /NDF: 2367.7/26

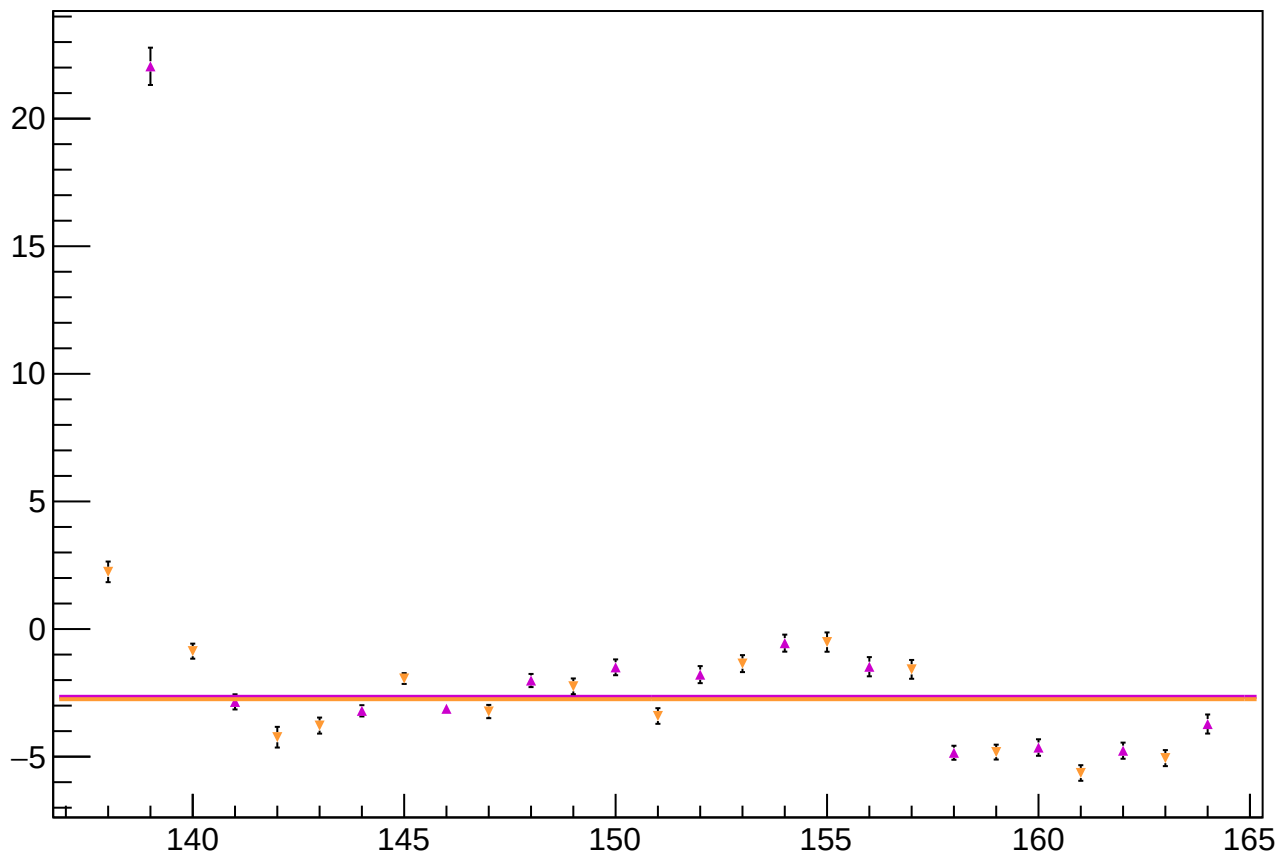
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.397+/-0.116 χ^2/NDF :340.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.753+/-0.115 χ^2/NDF :559.9/12

Left: 3.071+/-0.081 χ^2/NDF : 916.4/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.753+/-0.115 χ^2/NDF :559.9/12
 Out: 3.397+/-0.116 χ^2/NDF :340.9/13
 All: 3.071+/-0.081 χ^2/NDF : 916.4/26

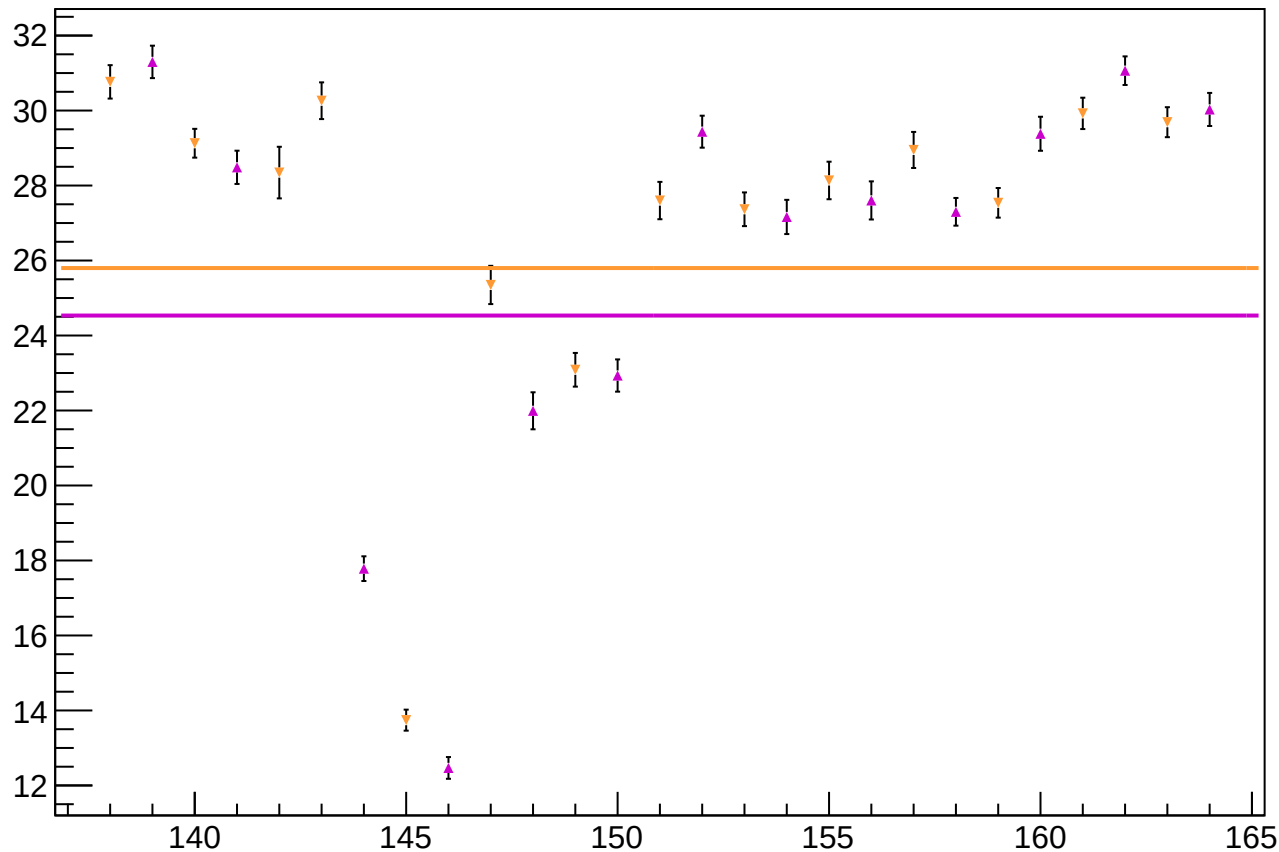
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.748 $\pm$ 0.082 χ^2 /NDF:499.4/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.655 $\pm$ 0.081 χ^2 /NDF:1385.0/12

Left: -2.701 $\pm$ 0.058 χ^2 /NDF: 1885.0/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.655 $\pm$ 0.081 χ^2 /NDF:1385.0/12
 Out: -2.748 $\pm$ 0.082 χ^2 /NDF:499.4/13
 All: -2.701 $\pm$ 0.058 χ^2 /NDF: 1885.0/26

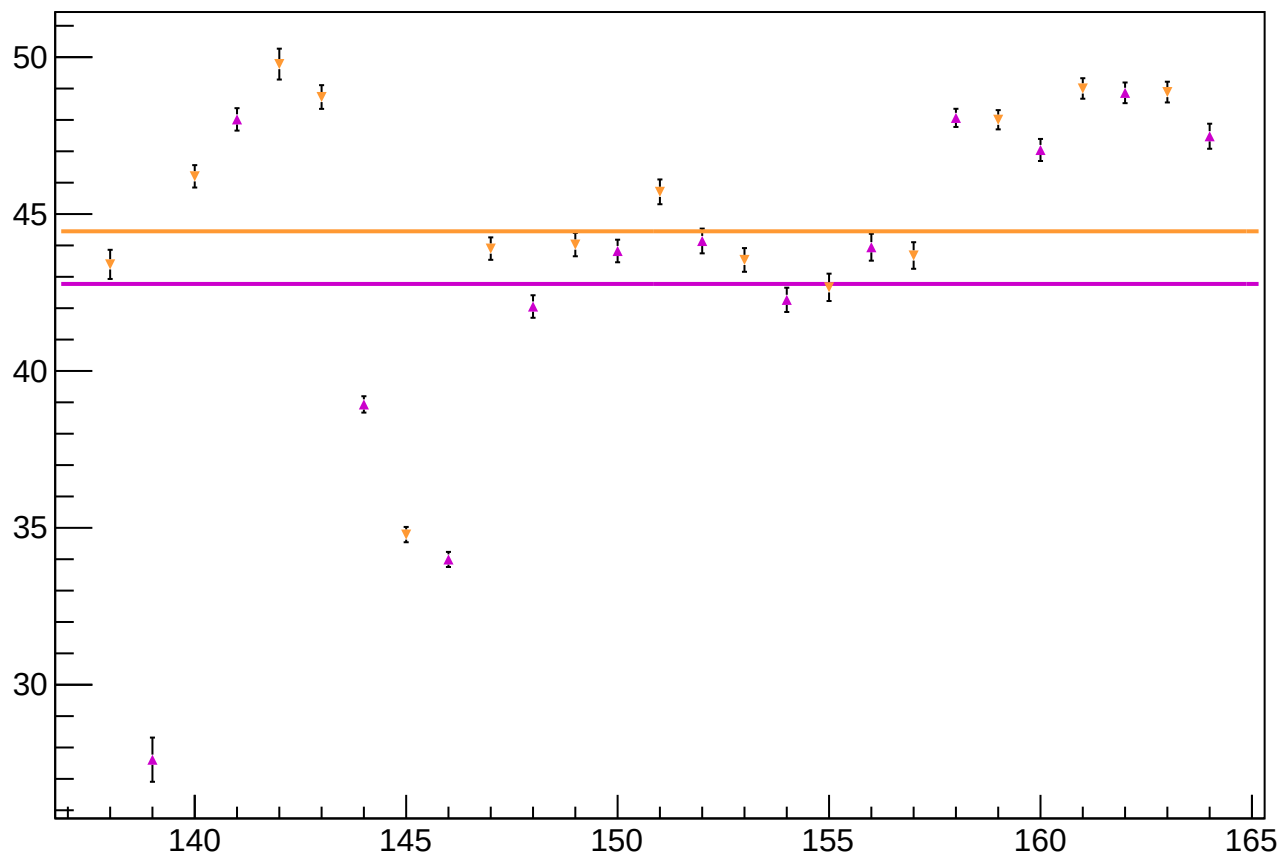
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.799+/-0.115 χ^2/NDF :2484.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.533+/-0.112 χ^2/NDF :3335.6/12

Left: 25.149+/-0.080 χ^2/NDF : 5881.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.533+/-0.112 χ^2/NDF :3335.6/12
 Out: 25.799+/-0.115 χ^2/NDF :2484.3/13
 All: 25.149+/-0.080 χ^2/NDF : 5881.9/26

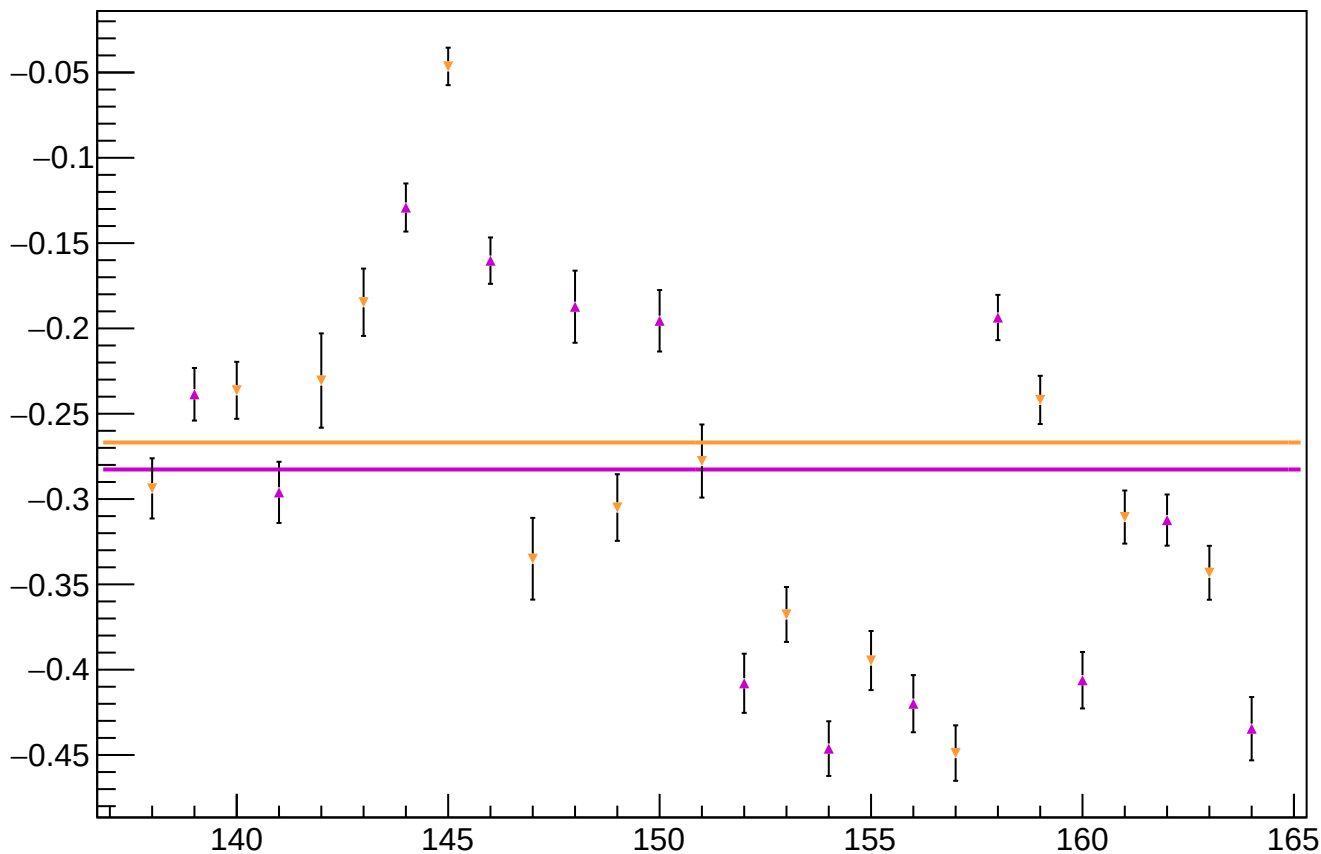
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 44.450+/-0.096 χ^2/NDF :2392.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 42.773+/-0.095 χ^2/NDF :3223.8/12

Left: 43.602+/-0.067 χ^2/NDF : 5771.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 42.773+/-0.095 χ^2/NDF :3223.8/12
 Out: 44.450+/-0.096 χ^2/NDF :2392.5/13
 All: 43.602+/-0.067 χ^2/NDF : 5771.2/26

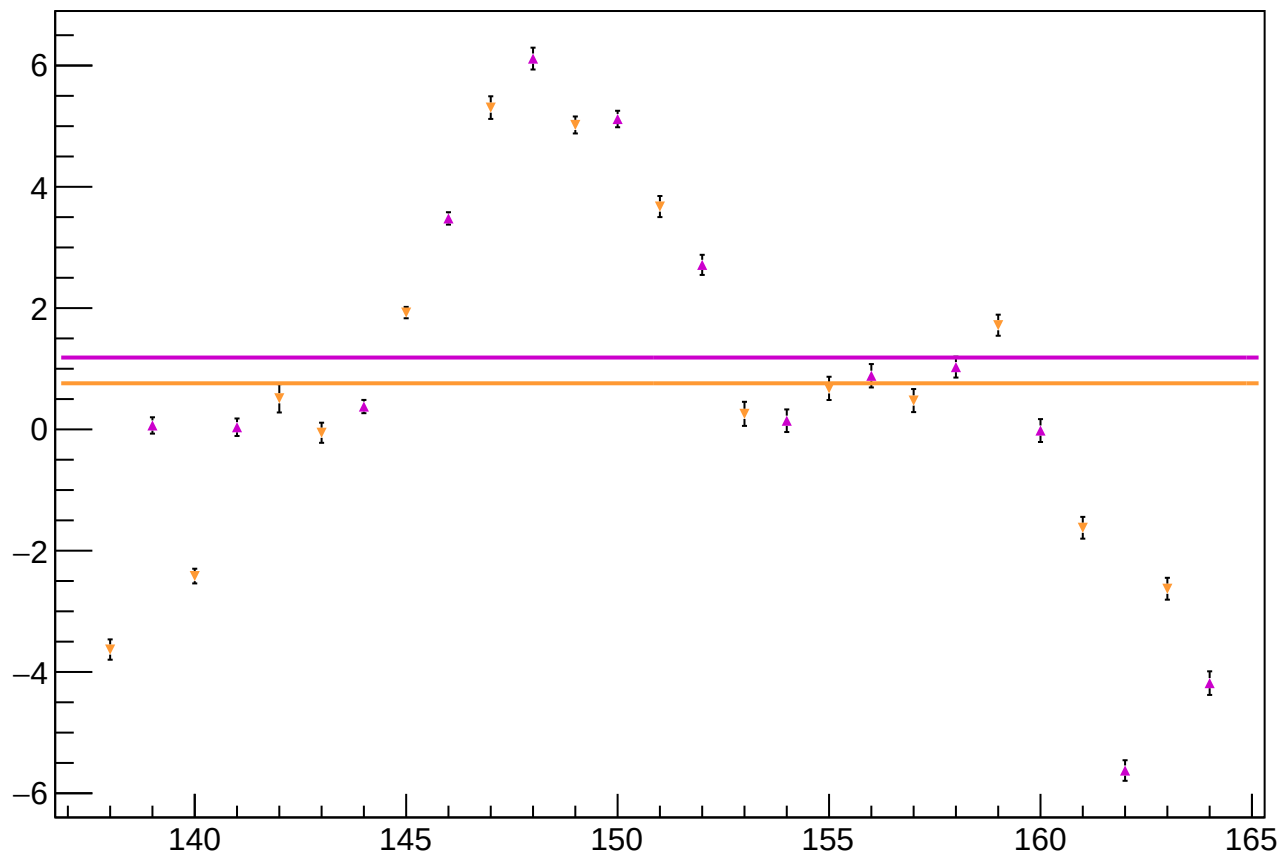
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.267+/-0.004 χ^2/NDF : 693.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.283+/-0.004 χ^2/NDF : 647.5/12

Left: -0.275+/-0.003 χ^2/NDF : 1346.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.283+/-0.004 χ^2/NDF : 647.5/12
 Out: -0.267+/-0.004 χ^2/NDF : 693.1/13
 All: -0.275+/-0.003 χ^2/NDF : 1346.9/26

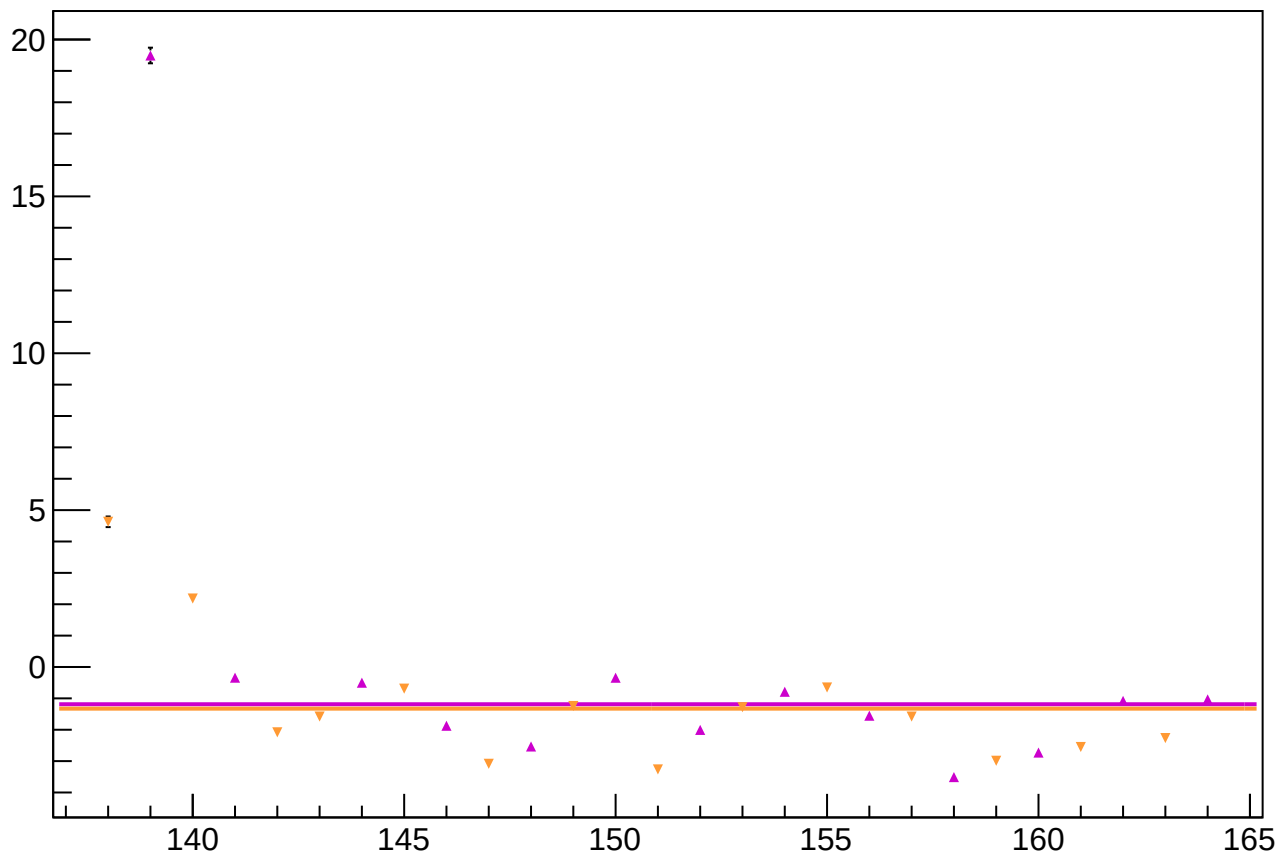
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.760 $\pm$ 0.042 χ^2 /NDF:3924.1/13
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.185 $\pm$ 0.041 χ^2 /NDF:4809.7/12

Left: 0.977 $\pm$ 0.030 χ^2 /NDF: 8785.2/26
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.185 $\pm$ 0.041 χ^2 /NDF:4809.7/12
 Out: 0.760 $\pm$ 0.042 χ^2 /NDF:3924.1/13
 All: 0.977 $\pm$ 0.030 χ^2 /NDF: 8785.2/26

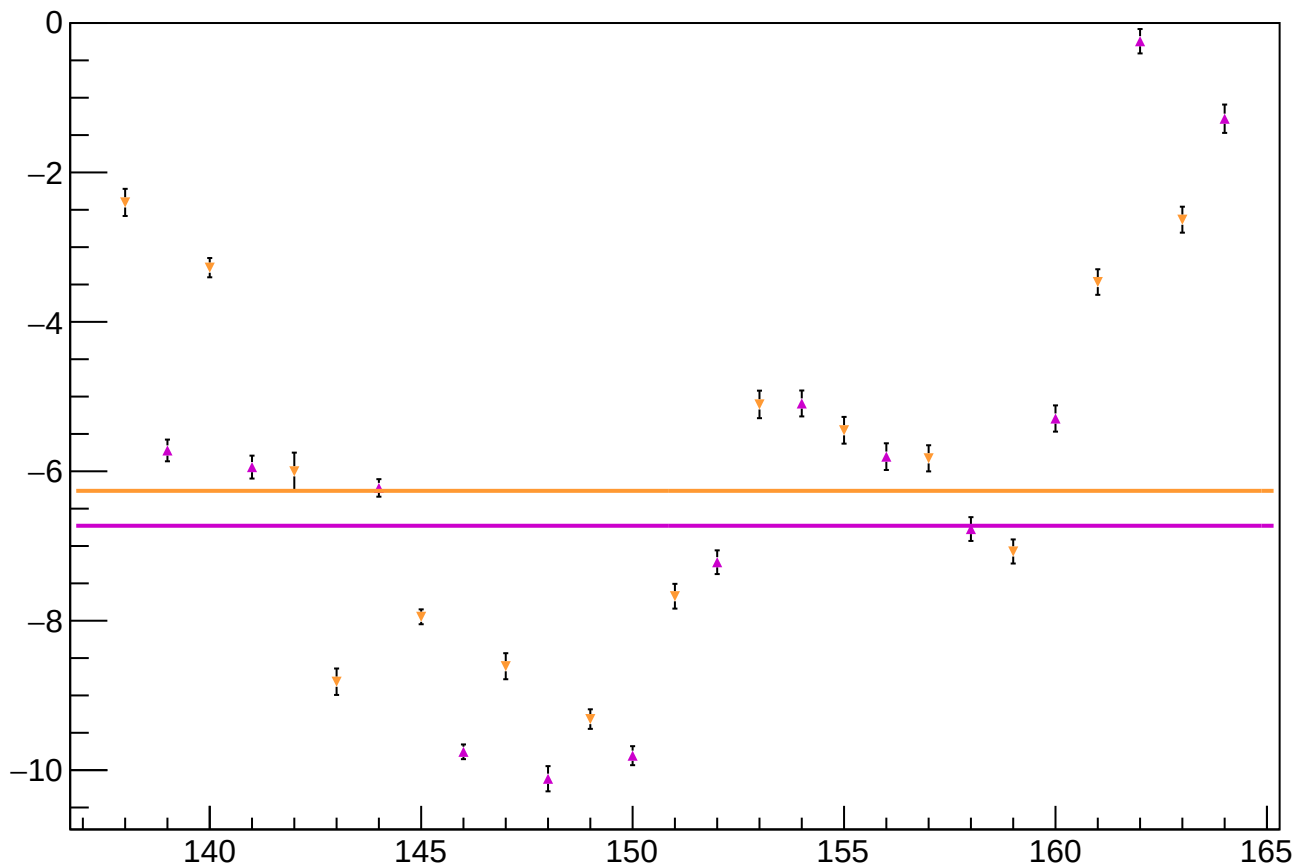
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.328+/-0.030 χ^2/NDF : 3675.1/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.187+/-0.029 χ^2/NDF : 8045.9/12

Left: -1.257+/-0.021 χ^2/NDF : 11732.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.187+/-0.029 χ^2/NDF : 8045.9/12
 Out: -1.328+/-0.030 χ^2/NDF : 3675.1/13
 All: -1.257+/-0.021 χ^2/NDF : 11732.1/26

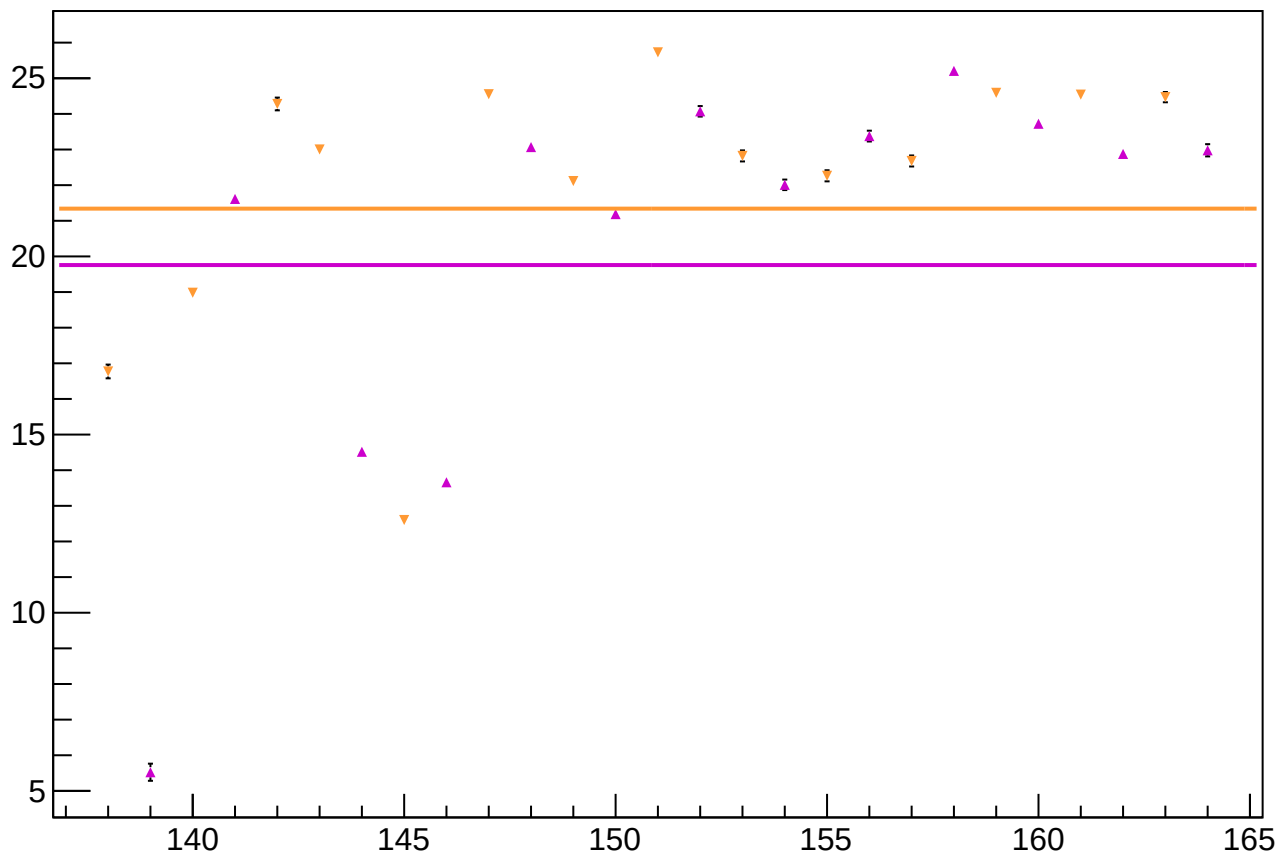
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.262+/-0.042 χ^2/NDF :3075.8/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.729+/-0.041 χ^2/NDF :4619.2/12

Left: -6.503+/-0.029 χ^2/NDF : 7758.9/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.729+/-0.041 χ^2/NDF :4619.2/12
 Out: -6.262+/-0.042 χ^2/NDF :3075.8/13
 All: -6.503+/-0.029 χ^2/NDF : 7758.9/26

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: 21.341+/-0.035 χ^2/NDF :14924.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 19.757+/-0.035 χ^2/NDF :18547.0/12

Left: 20.536+/-0.025 χ^2/NDF : 34504.0/26

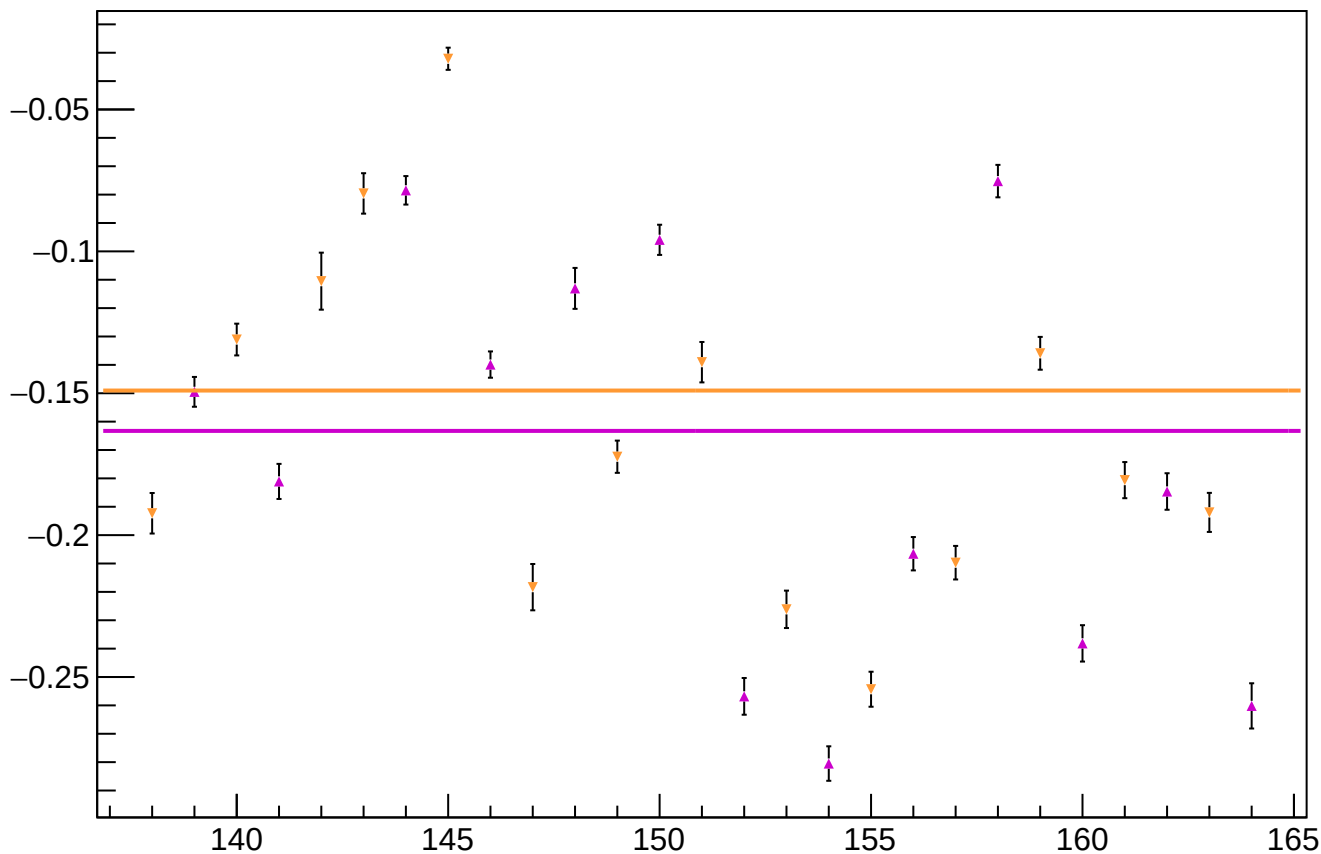
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 19.757+/-0.035 χ^2/NDF :18547.0/12

Out: 21.341+/-0.035 χ^2/NDF :14924.9/13

All: 20.536+/-0.025 χ^2/NDF : 34504.0/26

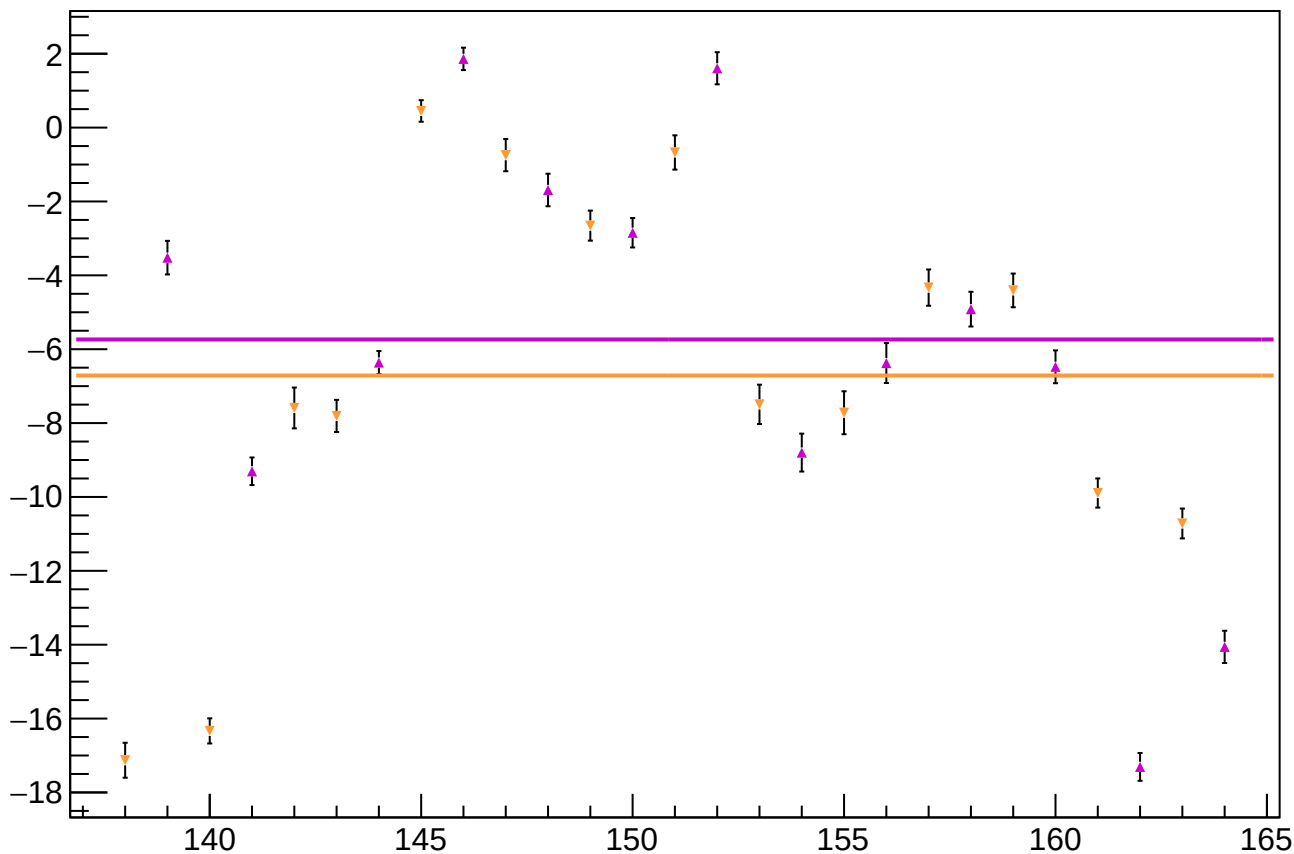
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.149+/-0.002 χ^2/NDF :1744.7/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.163+/-0.002 χ^2/NDF :1701.8/12

Left: -0.156+/-0.001 χ^2/NDF : 3484.1/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.163+/-0.002 χ^2/NDF :1701.8/12
 Out: -0.149+/-0.002 χ^2/NDF :1744.7/13
 All: -0.156+/-0.001 χ^2/NDF : 3484.1/26

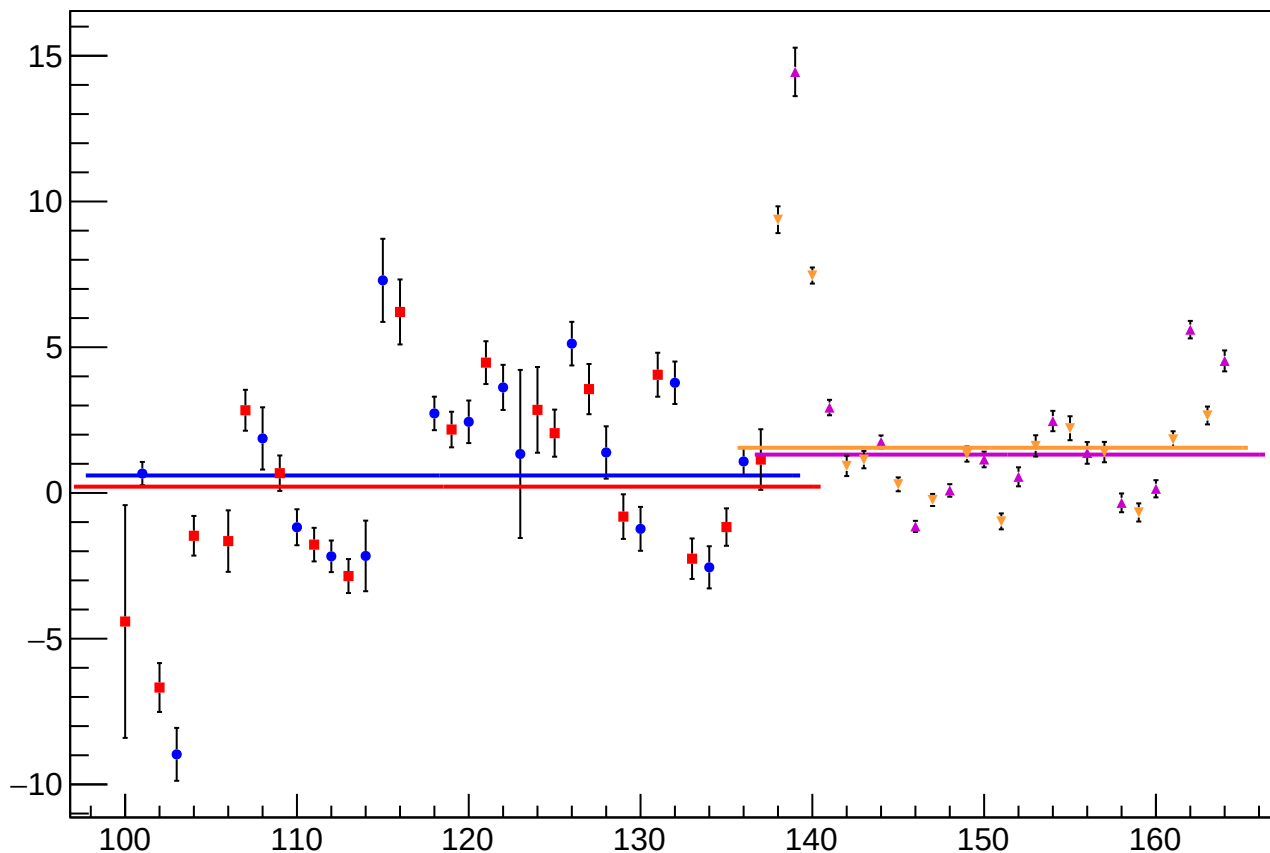
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.712+/-0.114 χ^2/NDF :2569.2/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.736+/-0.113 χ^2/NDF :2518.9/12

Left: -6.219+/-0.080 χ^2/NDF : 5125.2/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.736+/-0.113 χ^2/NDF :2518.9/12
 Out: -6.712+/-0.114 χ^2/NDF :2569.2/13
 All: -6.219+/-0.080 χ^2/NDF : 5125.2/26

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.551 ± 0.079 χ^2/NDF : 1008.7/13

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.316 ± 0.078 χ^2/NDF : 832.3/12

Left: 1.433 ± 0.055 χ^2/NDF : 1845.5/26

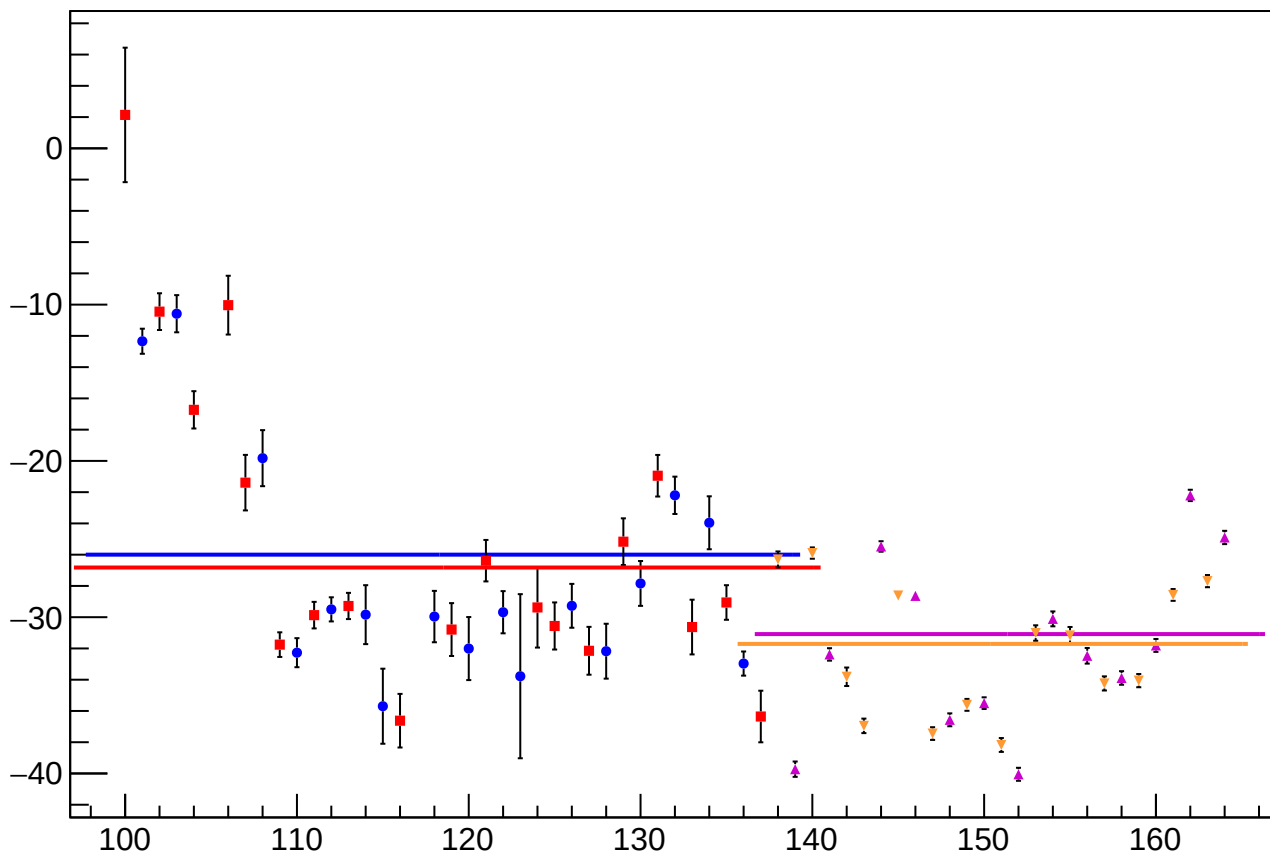
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.190 ± 0.071 χ^2/NDF : 1139.0/29

Out: 1.326 ± 0.072 χ^2/NDF : 1331.8/32

All: 1.257 ± 0.050 χ^2/NDF : 2472.6/62

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: -31.709 ± 0.113 χ^2/NDF : 1365.9/13

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -31.081 ± 0.110 χ^2/NDF : 2318.7/12

Left: -31.388 ± 0.079 χ^2/NDF : 3700.6/26

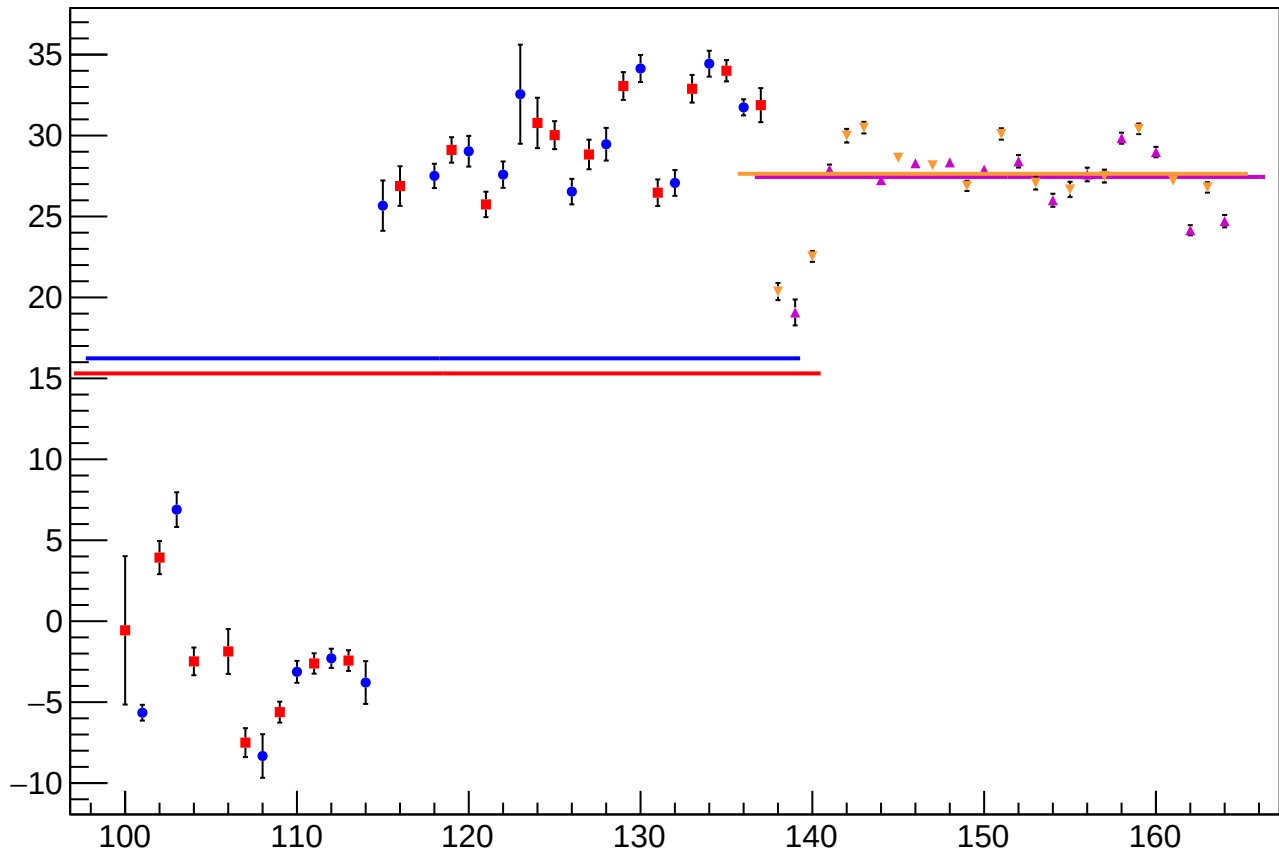
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -30.479 ± 0.103 χ^2/NDF : 3264.2/29

Out: -31.098 ± 0.105 χ^2/NDF : 2183.0/32

All: -30.782 ± 0.074 χ^2/NDF : 5464.8/62

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: 27.638 $\pm$ 0.093 χ^2 /NDF: 673.4/13

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.443 $\pm$ 0.092 χ^2 /NDF: 388.1/12

Left: 27.540 $\pm$ 0.065 χ^2 /NDF: 1063.7/26

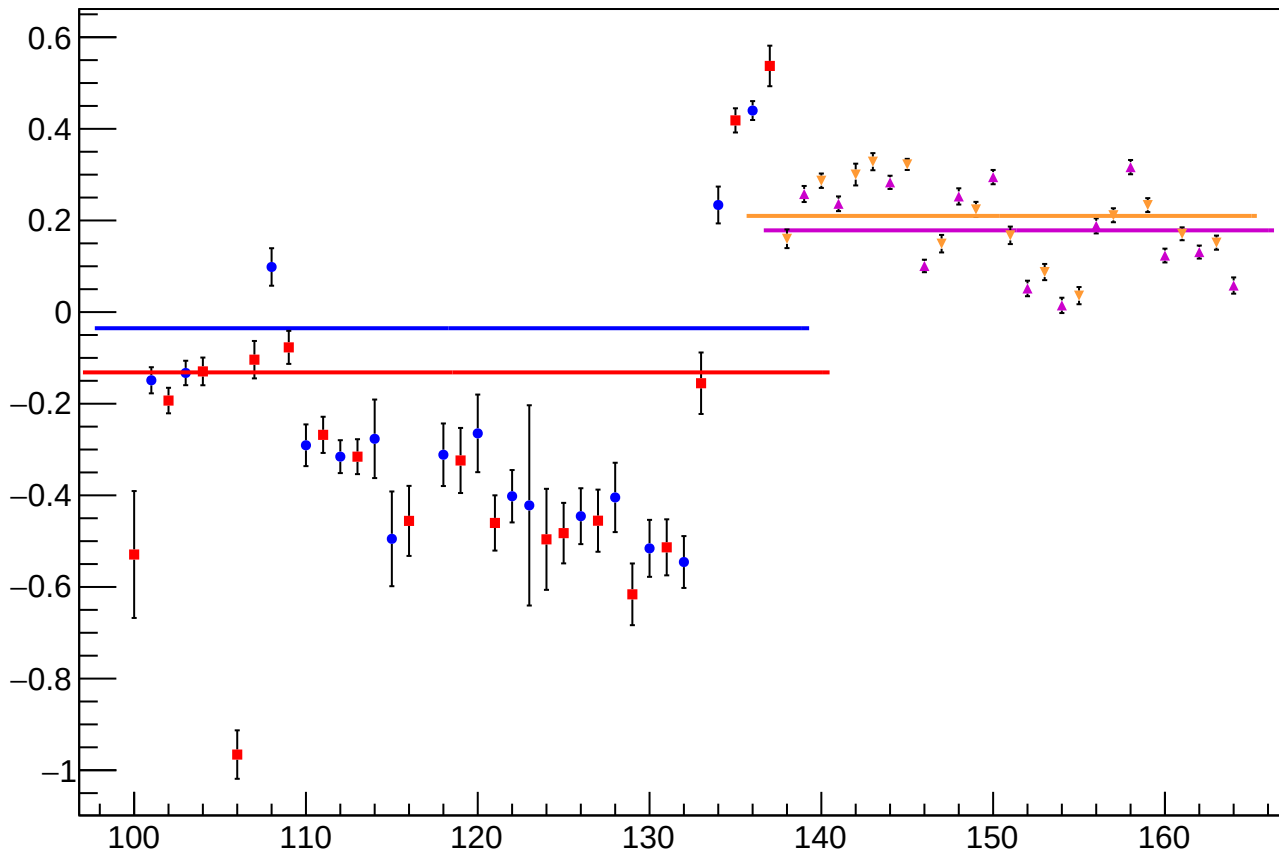
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 25.343 $\pm$ 0.083 χ^2 /NDF: 10753.9/29

Out: 25.402 $\pm$ 0.084 χ^2 /NDF: 11154.4/32

All: 25.372 $\pm$ 0.059 χ^2 /NDF: 21908.5/62

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: 0.210 ± 0.004 χ^2/NDF : 344.3/13

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.178 ± 0.004 χ^2/NDF : 492.5/12

Left: 0.194 ± 0.003 χ^2/NDF : 862.4/26

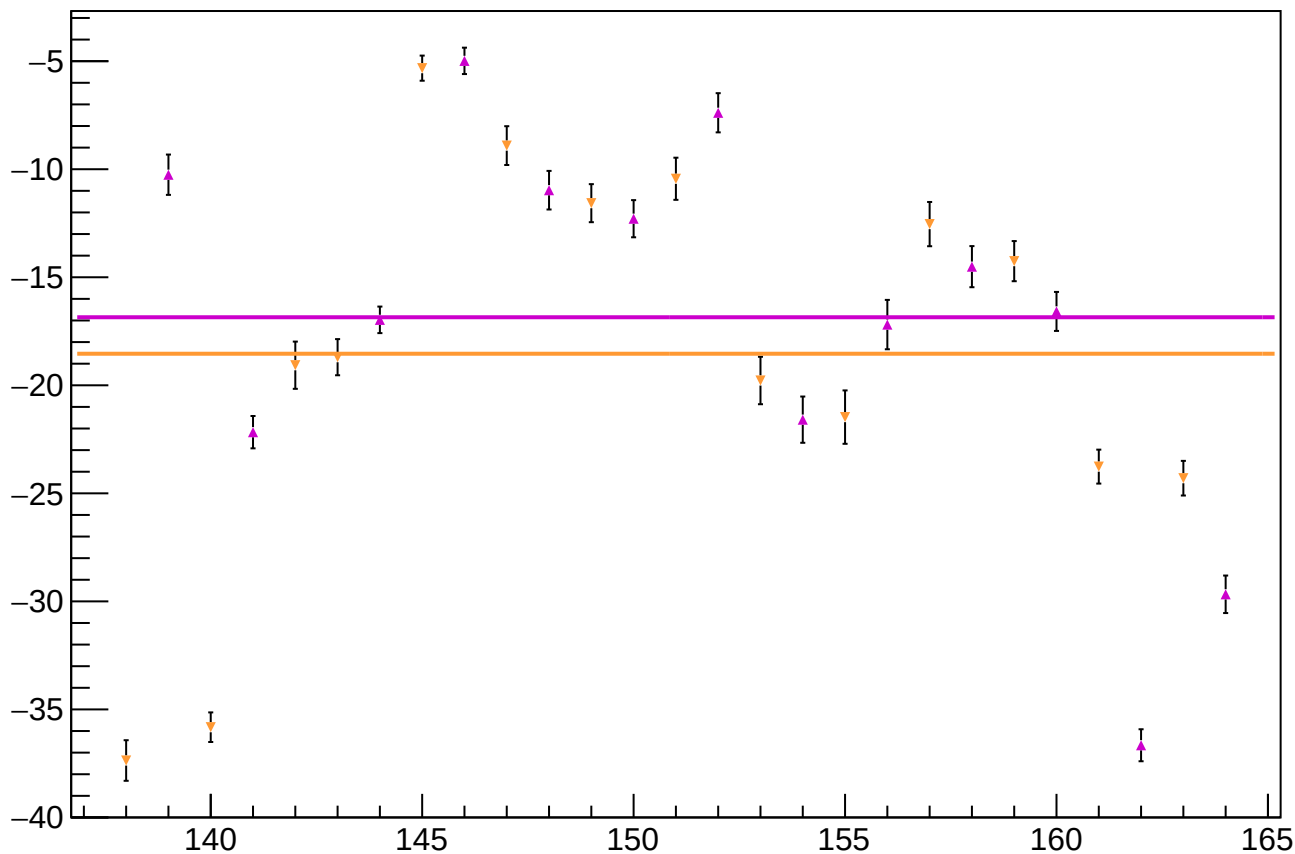
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.146 ± 0.004 χ^2/NDF : 1868.8/29

Out: 0.157 ± 0.004 χ^2/NDF : 2433.1/32

All: 0.151 ± 0.003 χ^2/NDF : 4305.9/62

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: -18.539+/-0.230 χ^2/NDF :1960.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.851+/-0.228 χ^2/NDF :1618.0/12

Left: -17.687+/-0.162 χ^2/NDF : 3605.8/26

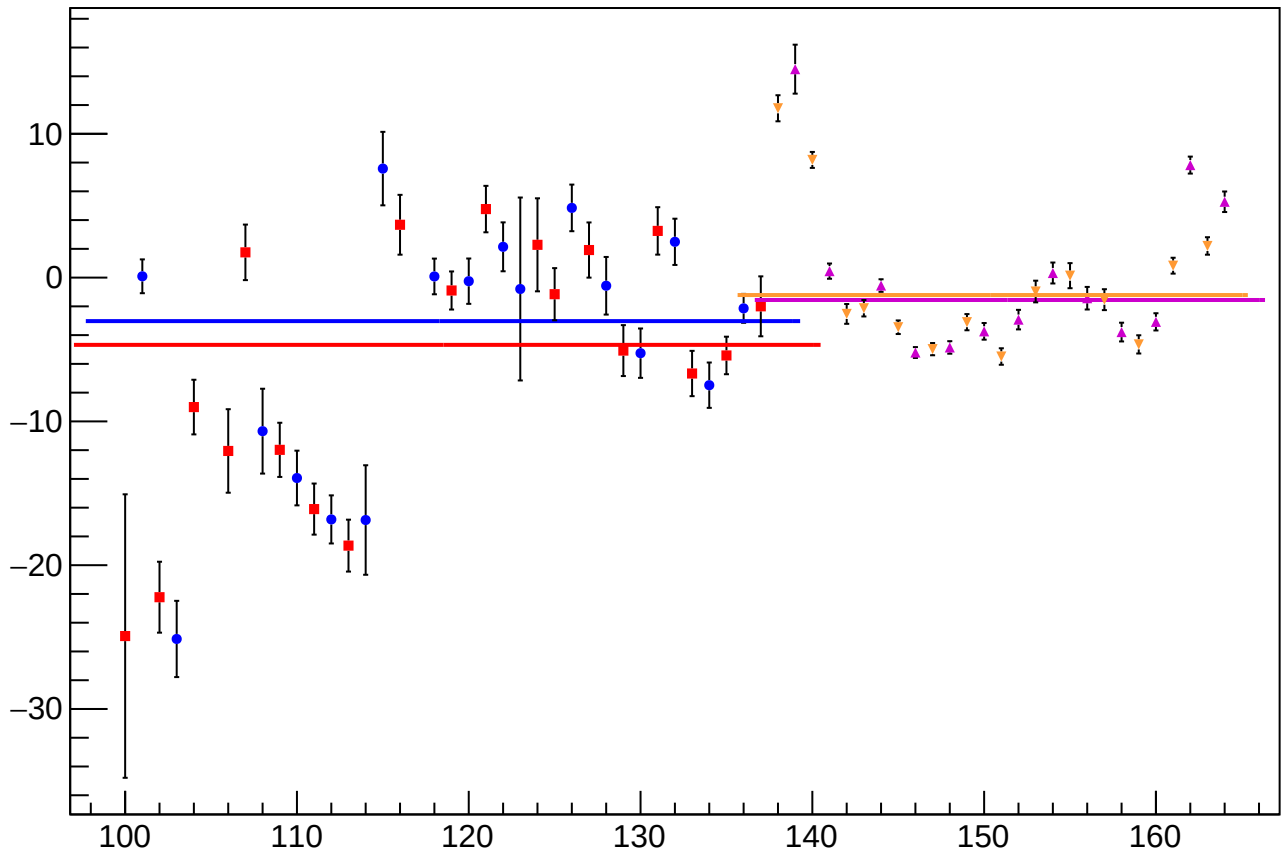
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.851+/-0.228 χ^2/NDF :1618.0/12

Out: -18.539+/-0.230 χ^2/NDF :1960.6/13

All: -17.687+/-0.162 χ^2/NDF : 3605.8/26

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: -1.213 ± 0.160 χ^2/NDF : 742.4/13

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -1.557 ± 0.158 χ^2/NDF : 646.9/12

Left: -1.387 ± 0.112 χ^2/NDF : 1391.7/26

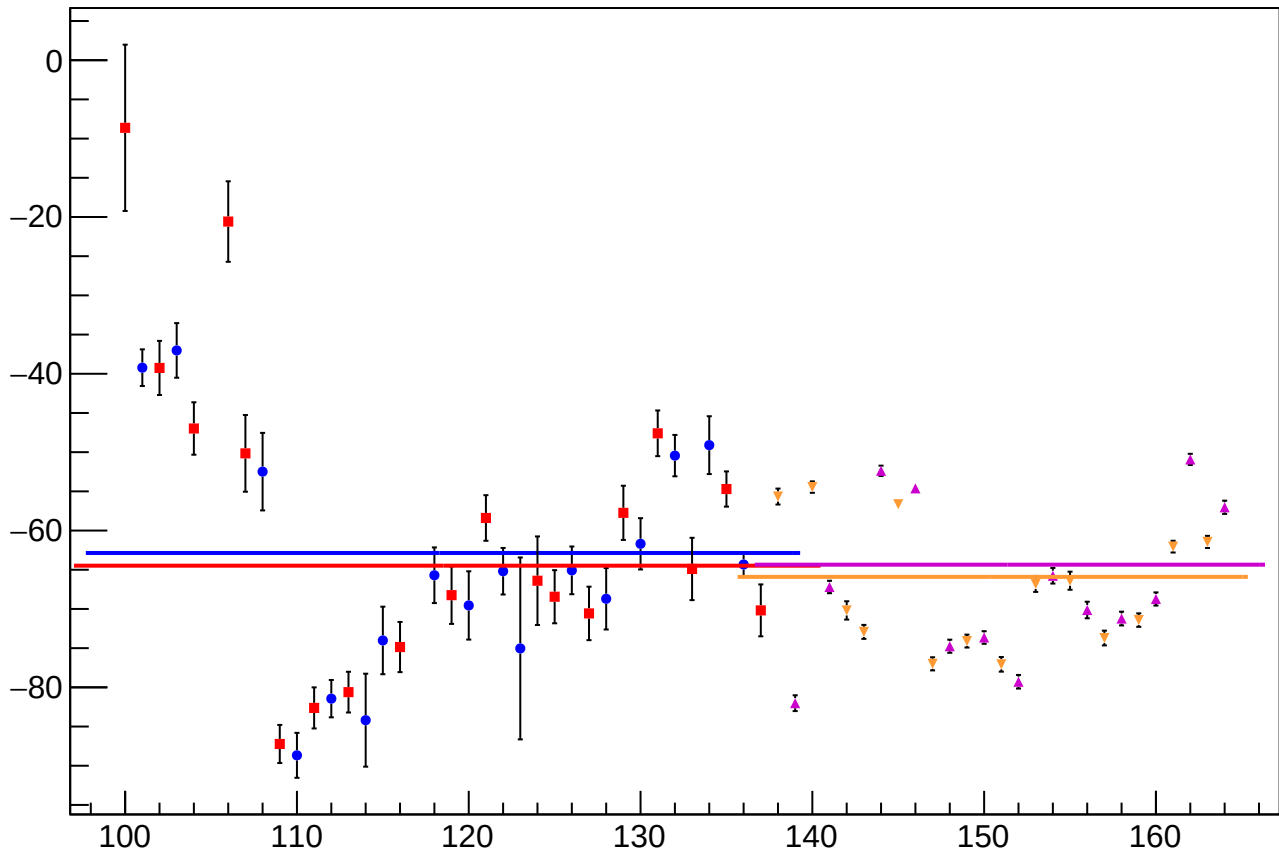
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -1.749 ± 0.147 χ^2/NDF : 938.8/29

Out: -1.639 ± 0.149 χ^2/NDF : 1099.5/32

All: -1.695 ± 0.105 χ^2/NDF : 2038.5/62

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: -65.908 ± 0.229 $\chi^2/\text{NDF}: 1235.9/13$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -64.353 ± 0.223 $\chi^2/\text{NDF}: 2059.9/12$

Left: -65.112 ± 0.160 $\chi^2/\text{NDF}: 3319.5/26$

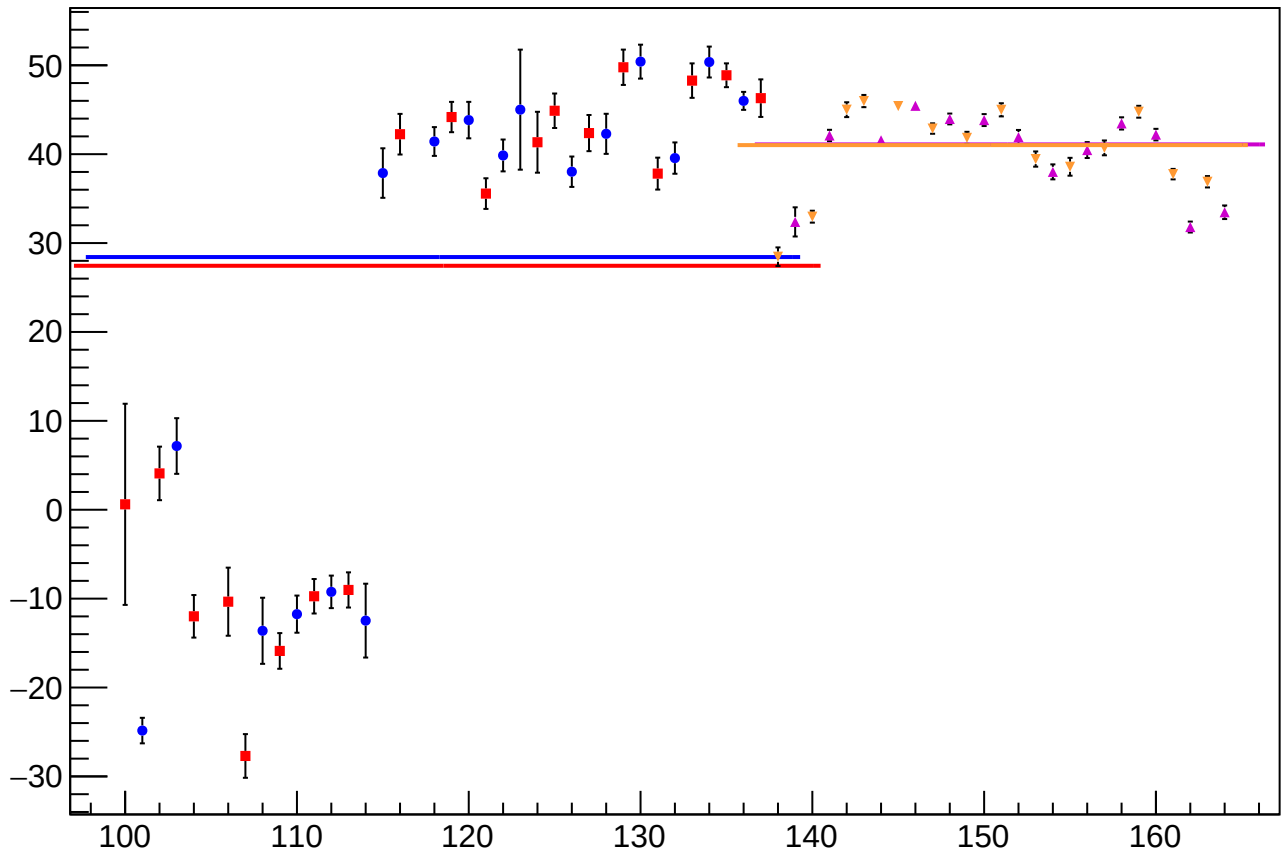
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -64.228 ± 0.214 $\chi^2/\text{NDF}: 2431.4/29$

Out: -65.787 ± 0.219 $\chi^2/\text{NDF}: 1683.2/32$

All: -64.989 ± 0.153 $\chi^2/\text{NDF}: 4140.6/62$

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: 41.019 $\pm$ 0.188 χ^2 /NDF: 580.2/13

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 41.097 $\pm$ 0.186 χ^2 /NDF: 511.5/12

Left: 41.059 $\pm$ 0.132 χ^2 /NDF: 1091.8/26

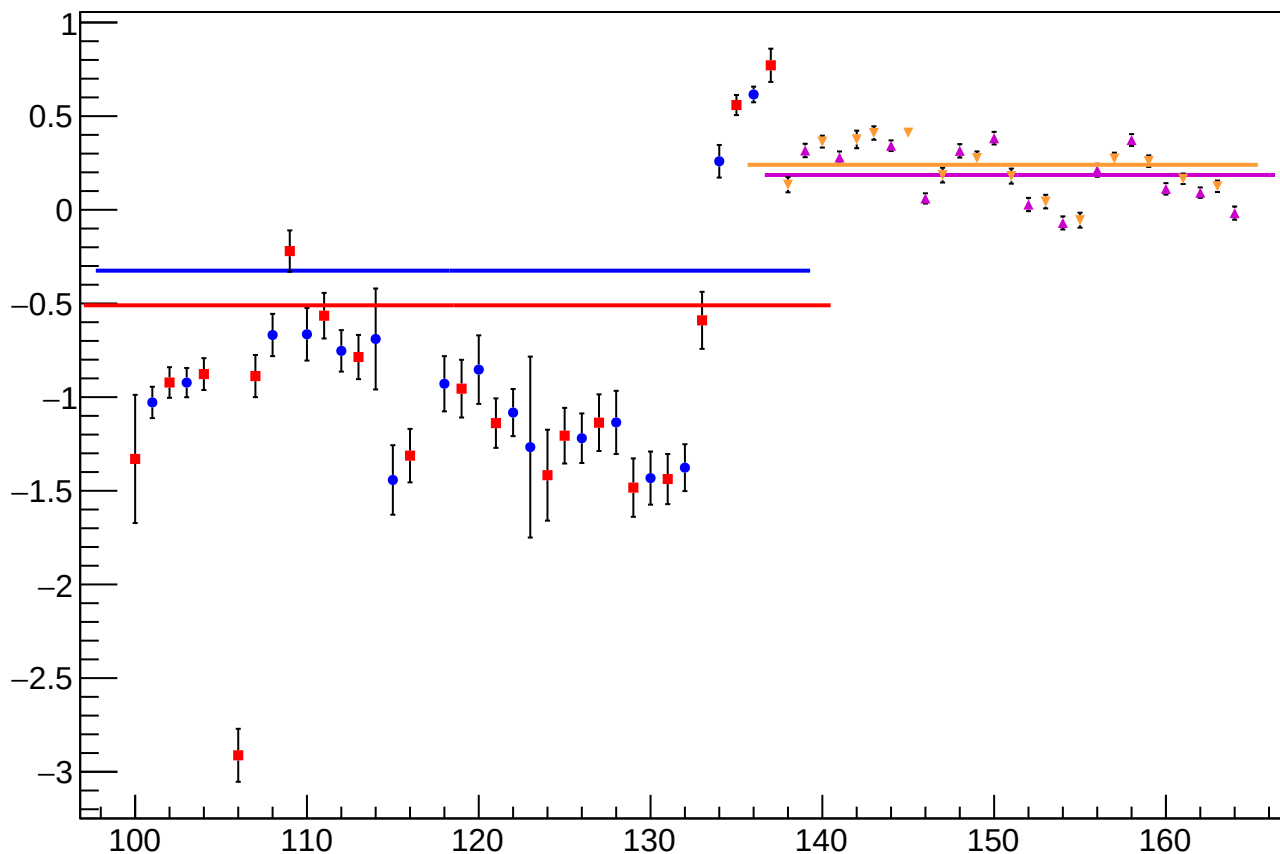
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.302 $\pm$ 0.172 χ^2 /NDF: 4491.5/29

Out: 39.202 $\pm$ 0.175 χ^2 /NDF: 4311.2/32

All: 39.253 $\pm$ 0.123 χ^2 /NDF: 8802.9/62

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: 0.240 ± 0.009 χ^2/NDF : 214.6/13

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.186 ± 0.009 χ^2/NDF : 279.3/12

Left: 0.213 ± 0.006 χ^2/NDF : 512.2/26

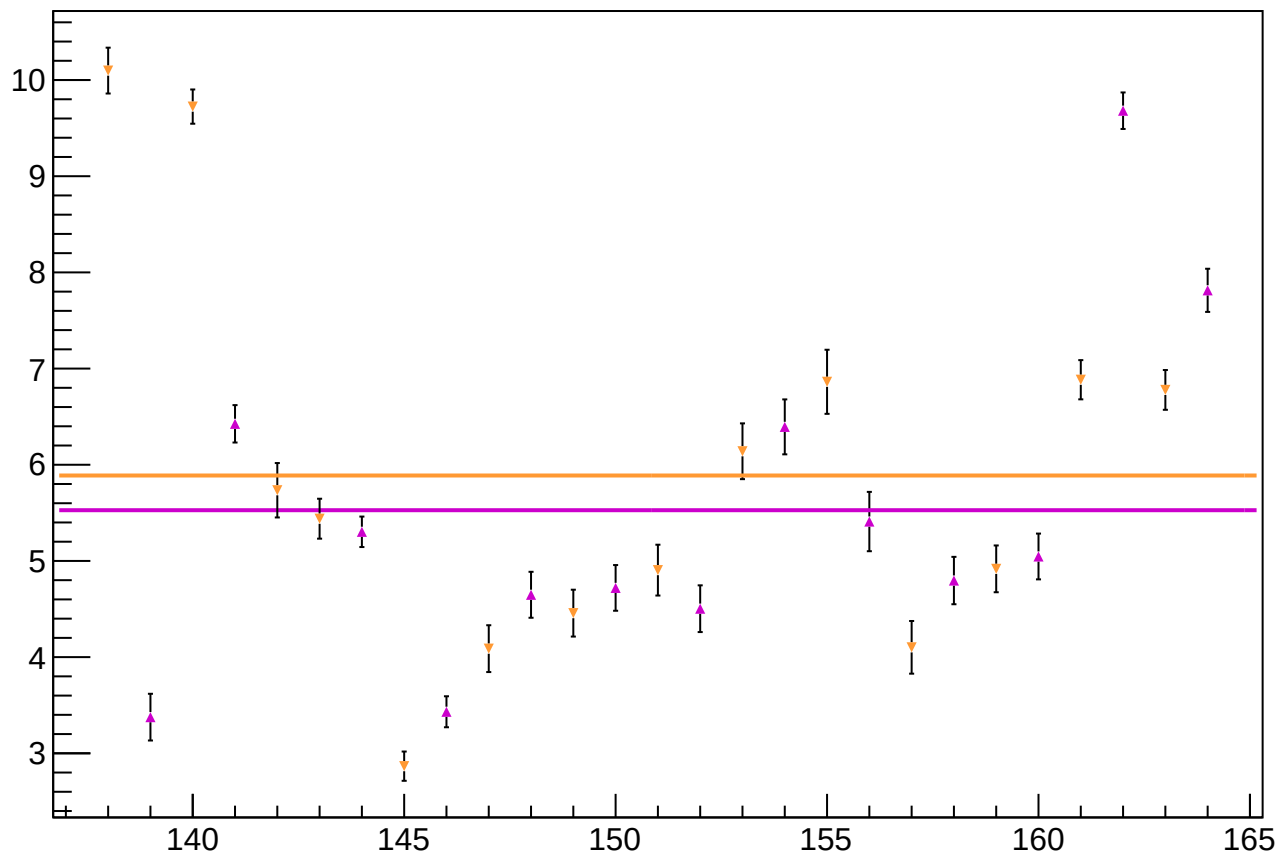
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.128 ± 0.008 χ^2/NDF : 1663.5/29

Out: 0.158 ± 0.008 χ^2/NDF : 2142.6/32

All: 0.143 ± 0.006 χ^2/NDF : 3812.5/62

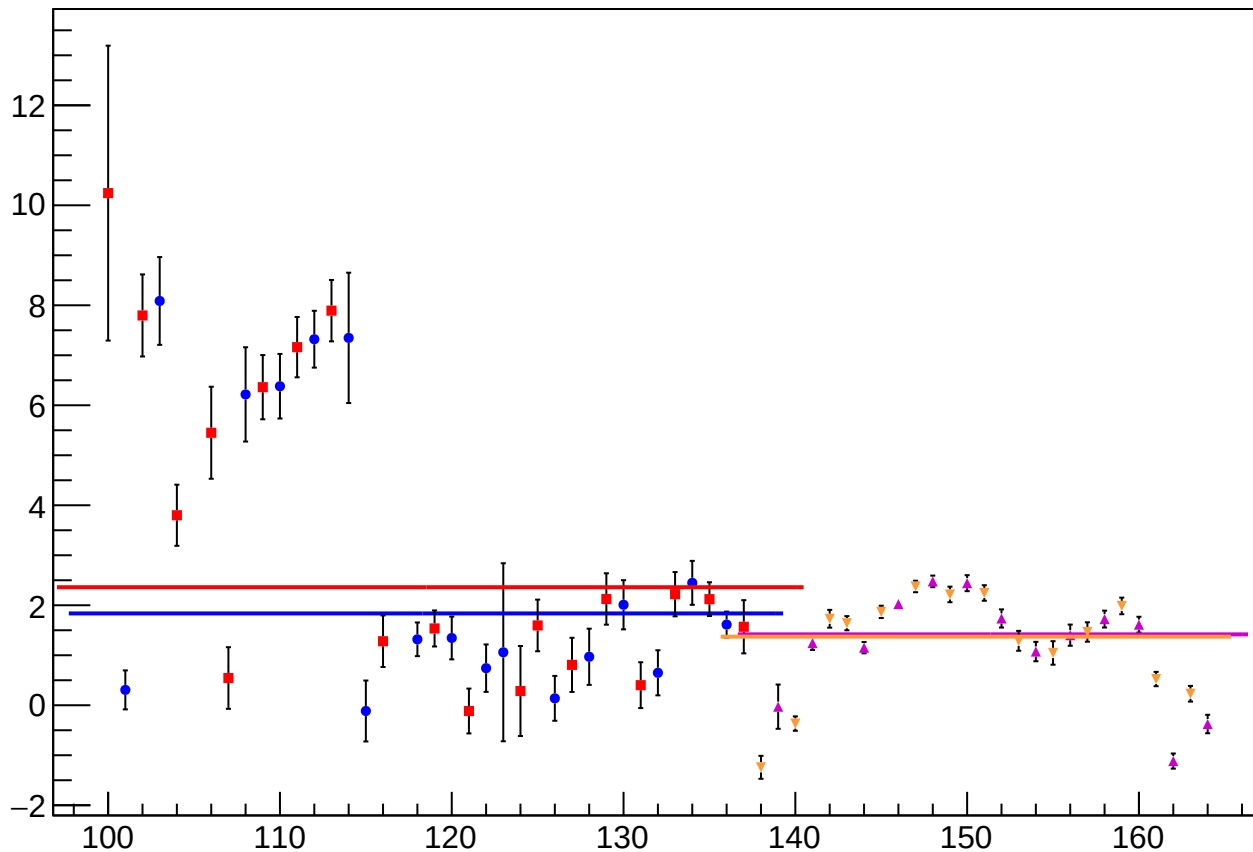
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.888+/-0.060 χ^2/NDF :1388.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.527+/-0.060 χ^2/NDF :918.5/12

Left: 5.707+/-0.043 χ^2/NDF : 2325.5/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.527+/-0.060 χ^2/NDF :918.5/12
 Out: 5.888+/-0.060 χ^2/NDF :1388.9/13
 All: 5.707+/-0.043 χ^2/NDF : 2325.5/26

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: 1.372 $\pm$ 0.042 χ^2 /NDF:539.6/13

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.418 $\pm$ 0.041 χ^2 /NDF:566.2/12

Left: 1.395 $\pm$ 0.029 χ^2 /NDF: 1106.3/26

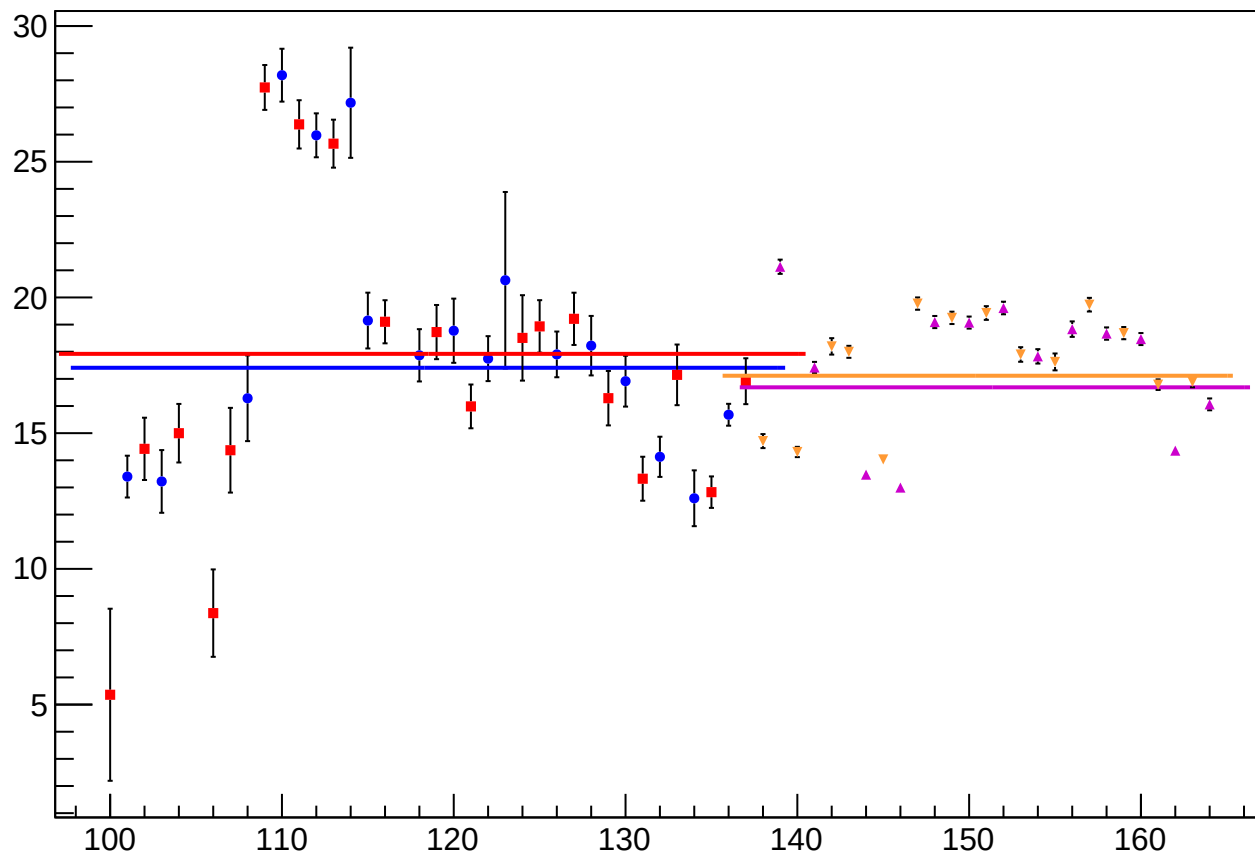
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.465 $\pm$ 0.039 χ^2 /NDF:871.8/29

Out: 1.476 $\pm$ 0.040 χ^2 /NDF:934.9/32

All: 1.470 $\pm$ 0.028 χ^2 /NDF: 1806.7/62

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: 17.116 $\pm$ 0.060 χ^2 /NDF:1178.3/13

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.689 $\pm$ 0.059 χ^2 /NDF:2003.7/12

Left: 16.897 $\pm$ 0.042 χ^2 /NDF: 3207.8/26

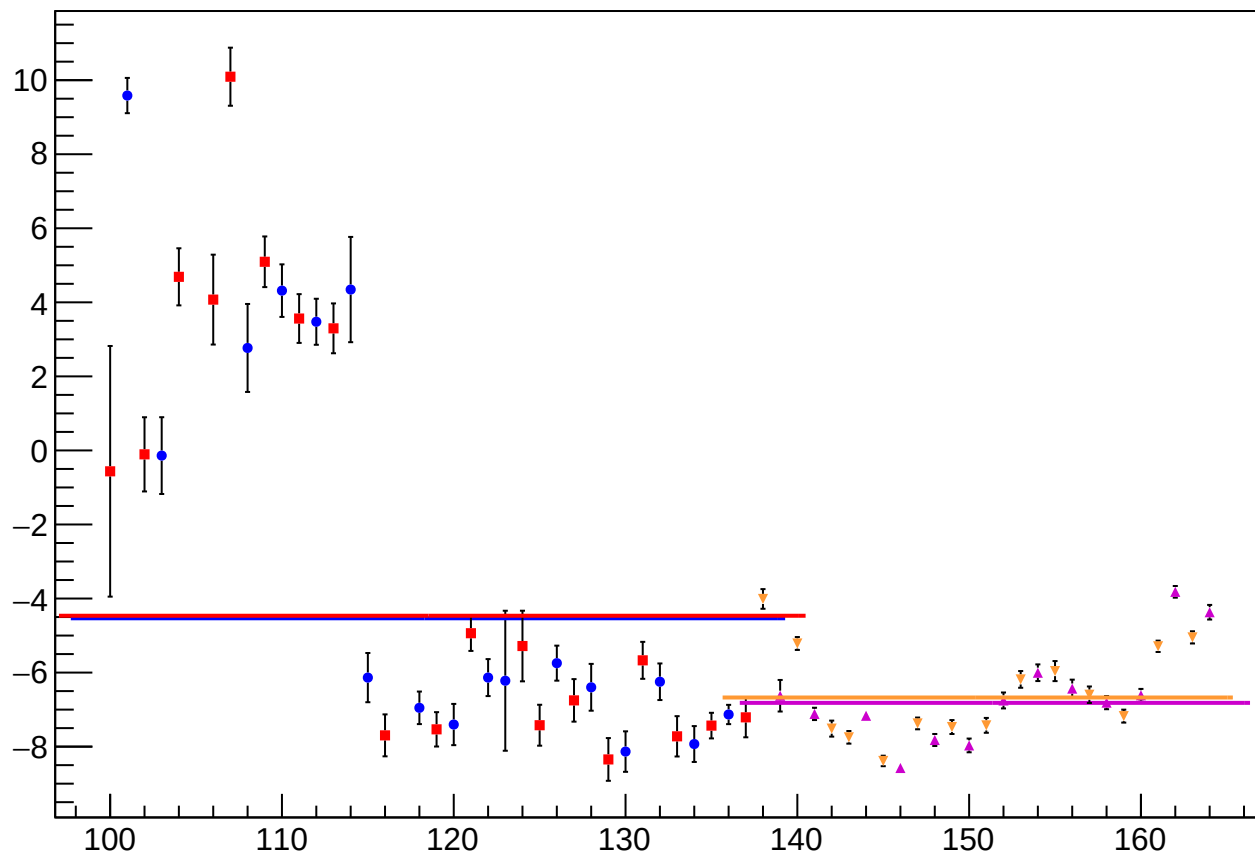
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.740 $\pm$ 0.057 χ^2 /NDF:2379.5/29

Out: 17.172 $\pm$ 0.058 χ^2 /NDF:1697.4/32

All: 16.951 $\pm$ 0.040 χ^2 /NDF: 4105.4/62

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.673 ± 0.049 χ^2/NDF : 620.5/13

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.818 ± 0.049 χ^2/NDF : 819.6/12

Left: -6.746 ± 0.035 χ^2/NDF : 1444.4/26

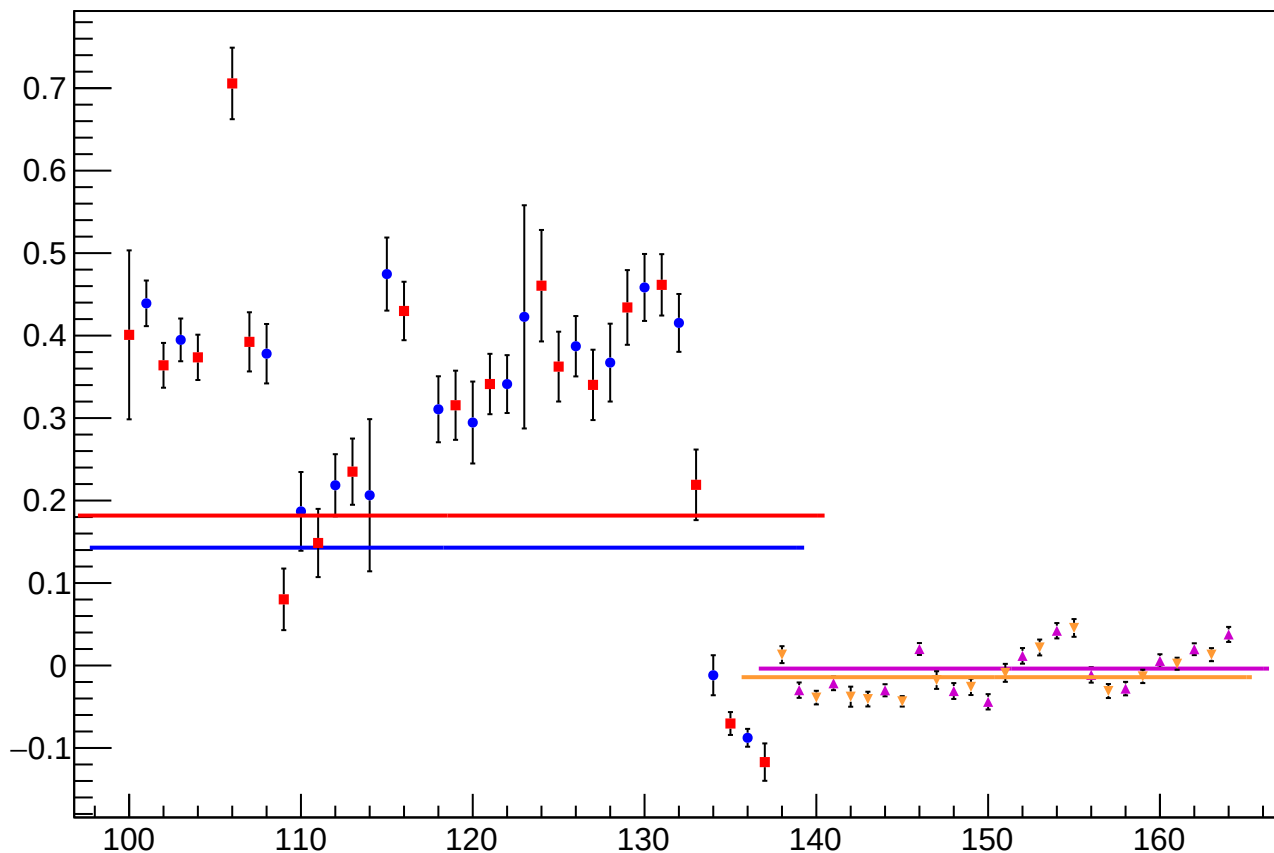
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.534 ± 0.046 χ^2/NDF : 2679.9/29

Out: -6.419 ± 0.046 χ^2/NDF : 2191.7/32

All: -6.477 ± 0.033 χ^2/NDF : 4874.7/62

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.014 $\pm$ 0.002 χ^2 /NDF:117.4/13

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.004 $\pm$ 0.002 χ^2 /NDF:131.8/12

Left: -0.009 $\pm$ 0.002 χ^2 /NDF: 259.0/26

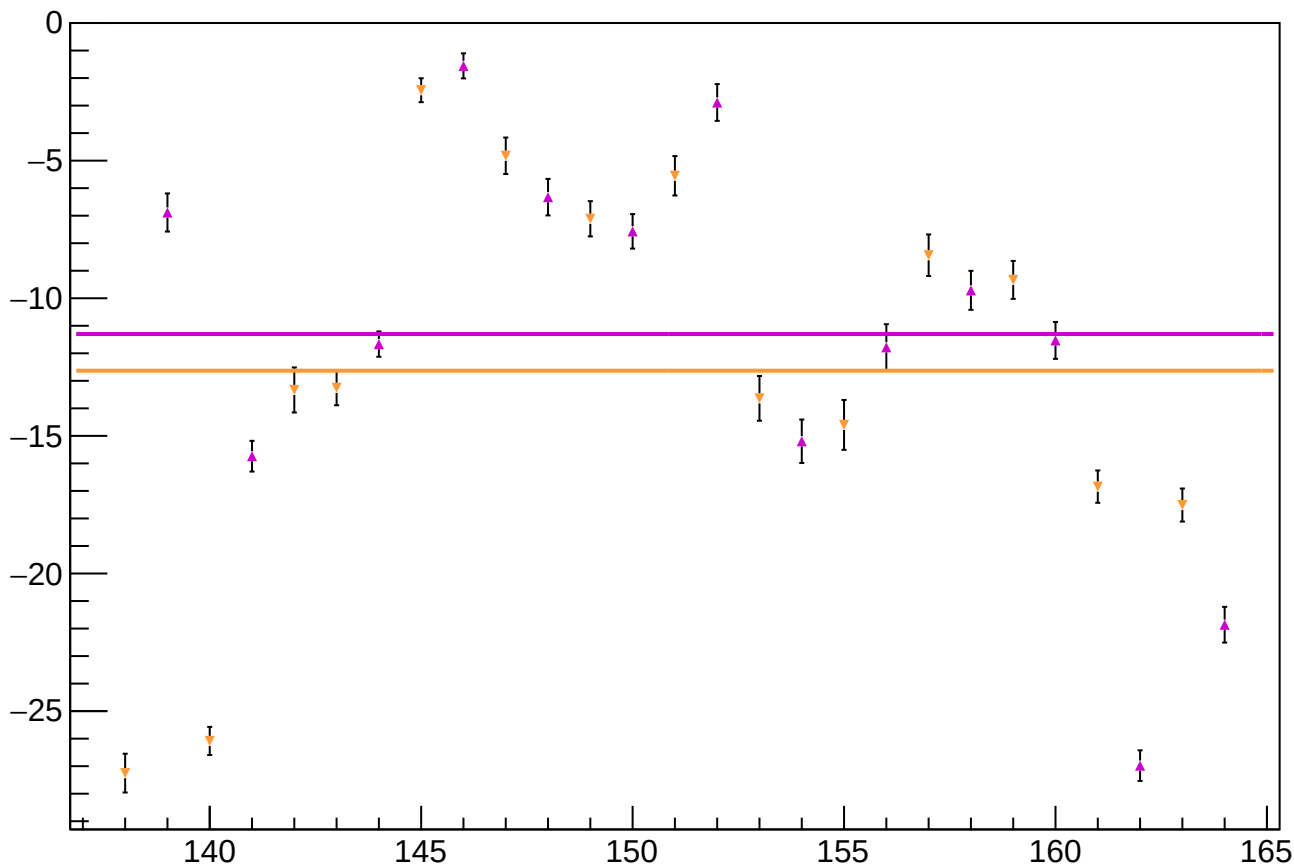
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.011 $\pm$ 0.002 χ^2 /NDF:1579.6/29

Out: 0.004 $\pm$ 0.002 χ^2 /NDF:1764.5/32

All: 0.007 $\pm$ 0.002 χ^2 /NDF: 3348.7/62

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: -12.630+/-0.171 χ^2/NDF :2165.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.300+/-0.170 χ^2/NDF :1904.1/12

Left: -11.958+/-0.121 χ^2/NDF : 4100.1/26

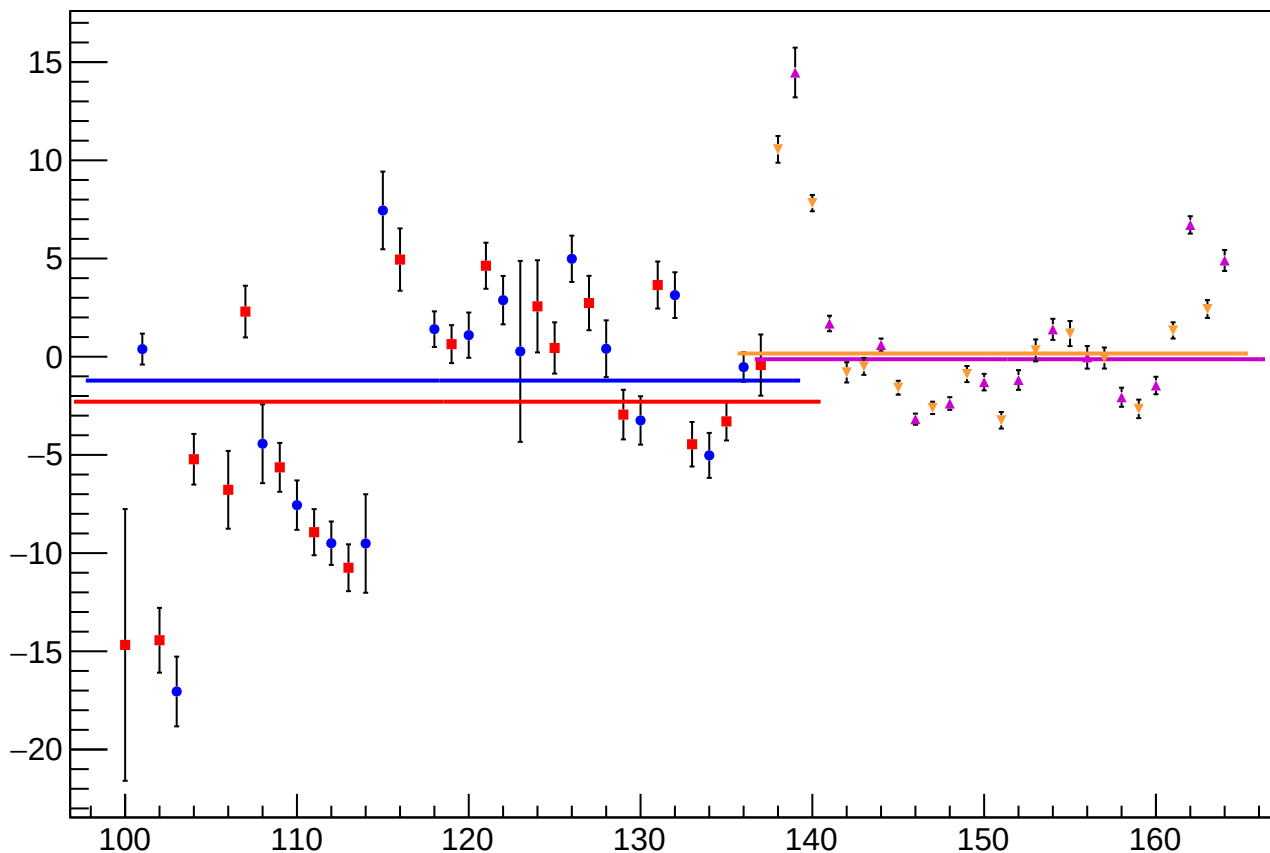
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.300+/-0.170 χ^2/NDF :1904.1/12

Out: -12.630+/-0.171 χ^2/NDF :2165.6/13

All: -11.958+/-0.121 χ^2/NDF : 4100.1/26

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: 0.164 ± 0.119 χ^2/NDF : 825.3/13

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -0.128 ± 0.118 χ^2/NDF : 696.6/12

Left: 0.016 ± 0.084 χ^2/NDF : 1524.9/26

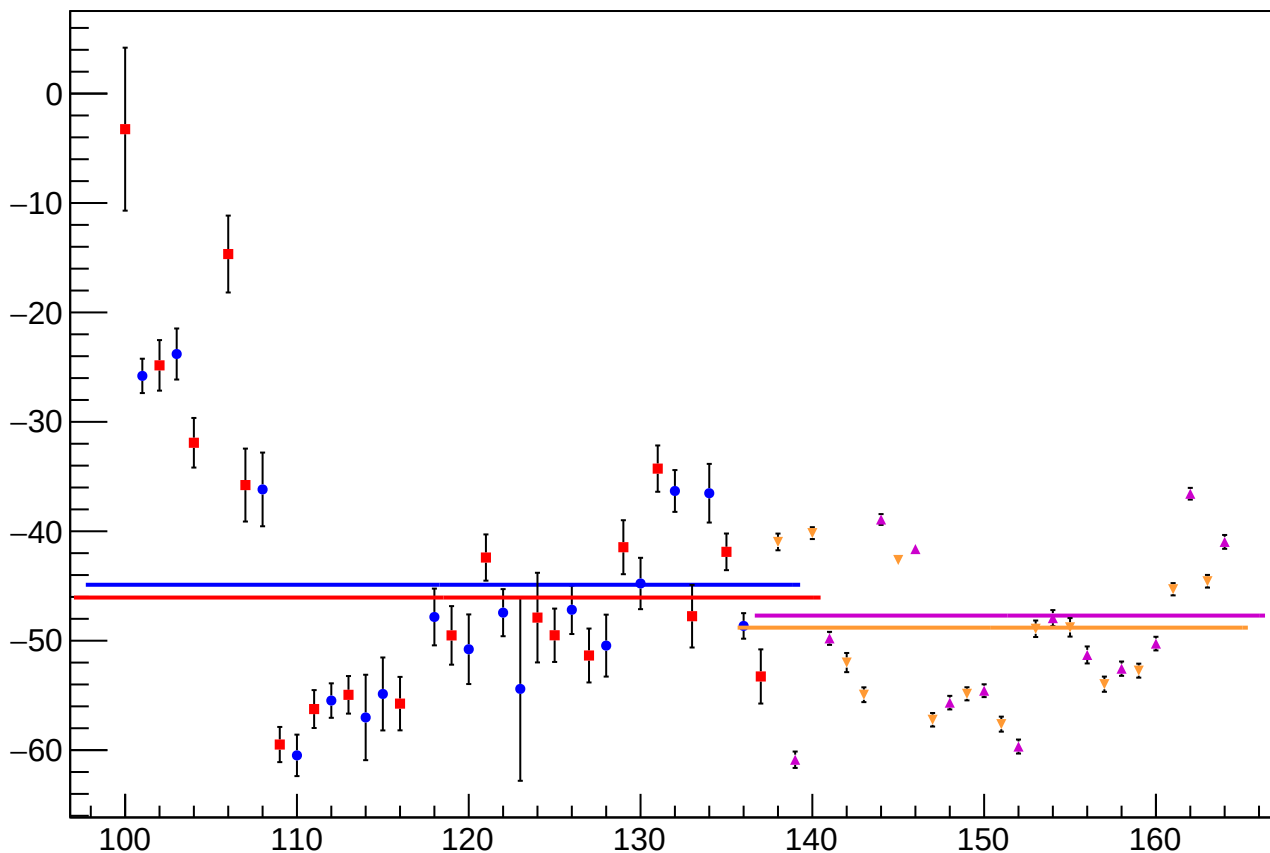
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -0.282 ± 0.109 χ^2/NDF : 987.3/29

Out: -0.164 ± 0.110 χ^2/NDF : 1169.6/32

All: -0.224 ± 0.078 χ^2/NDF : 2157.5/62

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -48.807 ± 0.170 χ^2/NDF : 1271.8/13

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -47.705 ± 0.166 χ^2/NDF : 2122.7/12

Left: -48.243 ± 0.119 χ^2/NDF : 3416.1/26

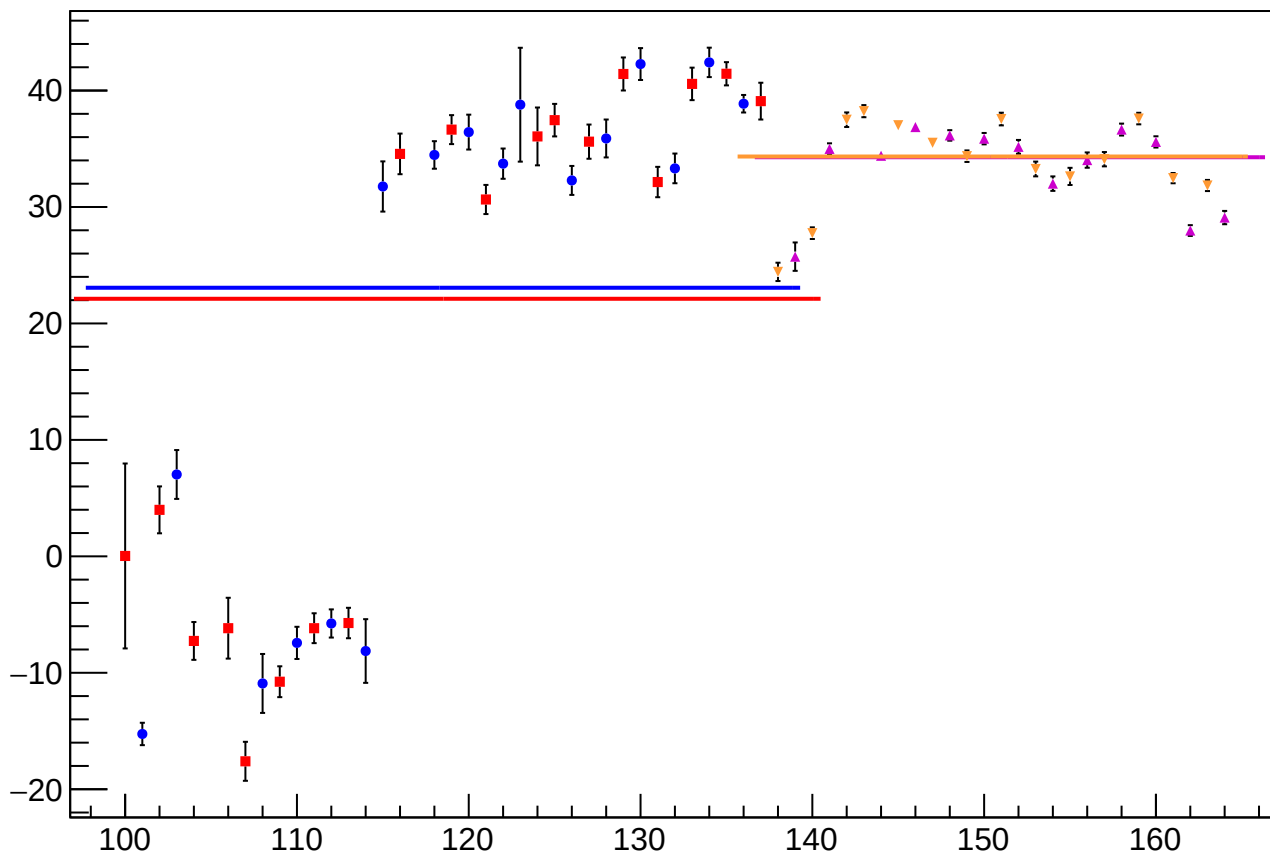
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -47.447 ± 0.158 χ^2/NDF : 2569.5/29

Out: -48.549 ± 0.162 χ^2/NDF : 1750.1/32

All: -47.986 ± 0.113 χ^2/NDF : 4343.3/62

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: 34.335 $\pm$ 0.140 χ^2 /NDF:594.5/13

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 34.273 $\pm$ 0.138 χ^2 /NDF:445.1/12

Left: 34.303 $\pm$ 0.098 χ^2 /NDF: 1039.7/26

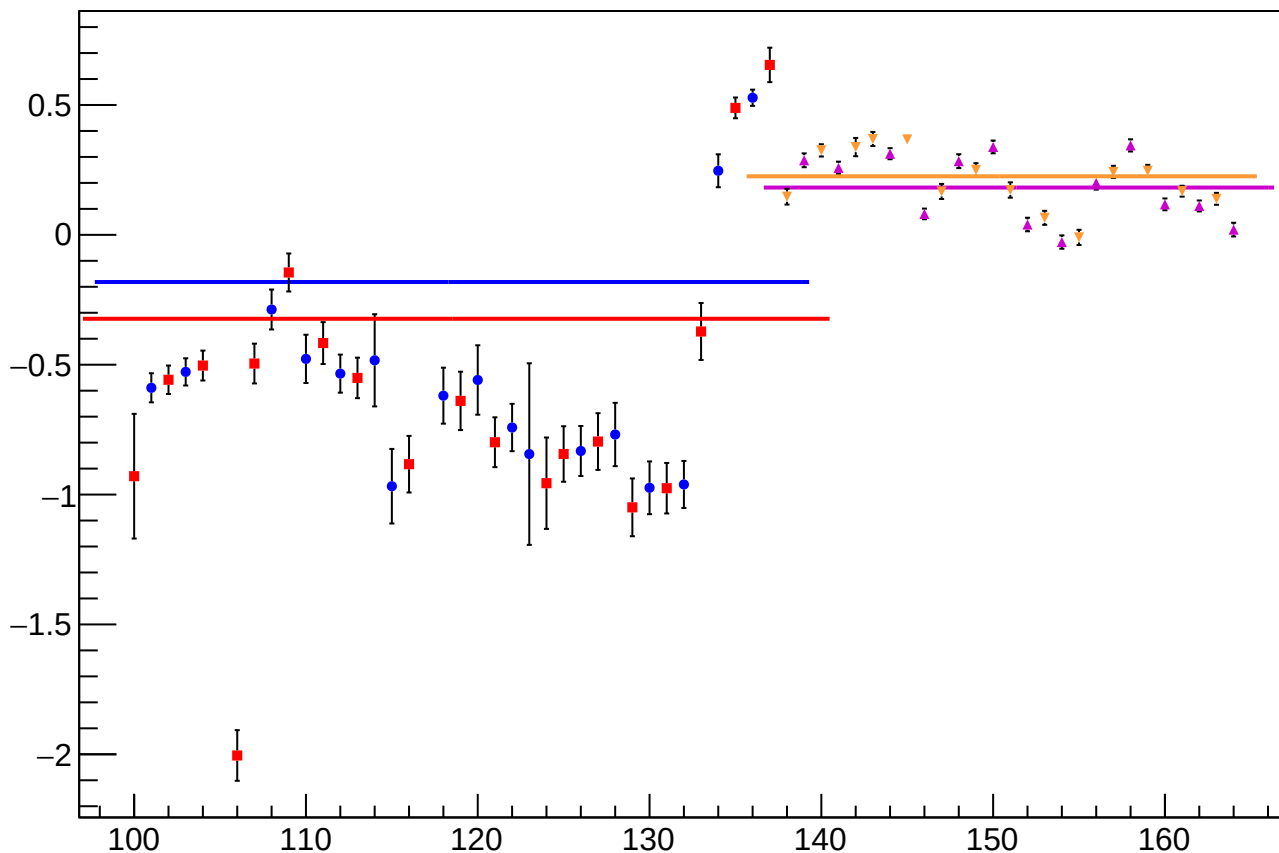
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.567 $\pm$ 0.127 χ^2 /NDF:5777.1/29

Out: 32.566 $\pm$ 0.129 χ^2 /NDF:5733.7/32

All: 32.566 $\pm$ 0.091 χ^2 /NDF: 11510.8/62

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: 0.225 ± 0.007 χ^2/NDF : 255.3/13

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.182 ± 0.007 χ^2/NDF : 344.2/12

Left: 0.204 ± 0.005 χ^2/NDF : 620.5/26

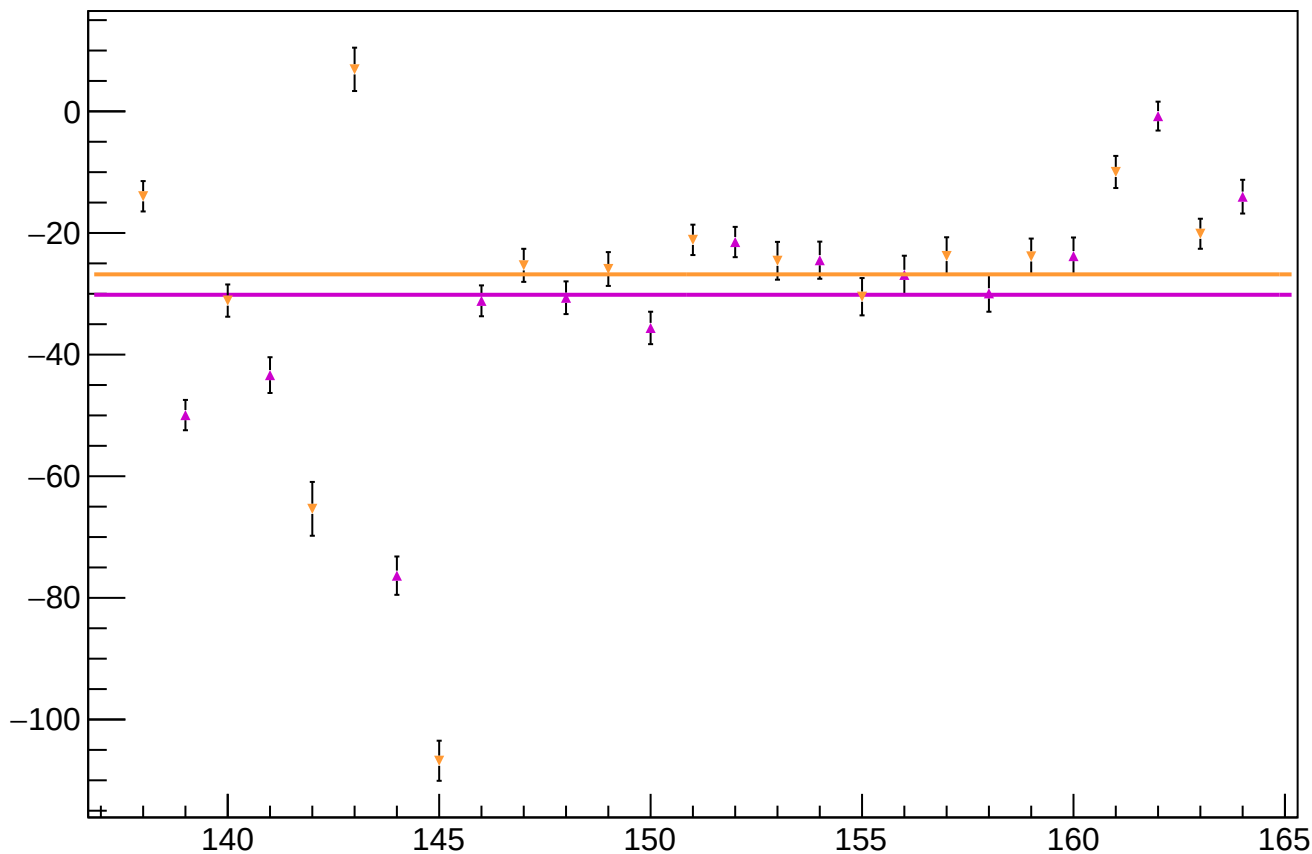
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.138 ± 0.006 χ^2/NDF : 1709.9/29

Out: 0.160 ± 0.006 χ^2/NDF : 2242.4/32

All: 0.149 ± 0.004 χ^2/NDF : 3958.6/62

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



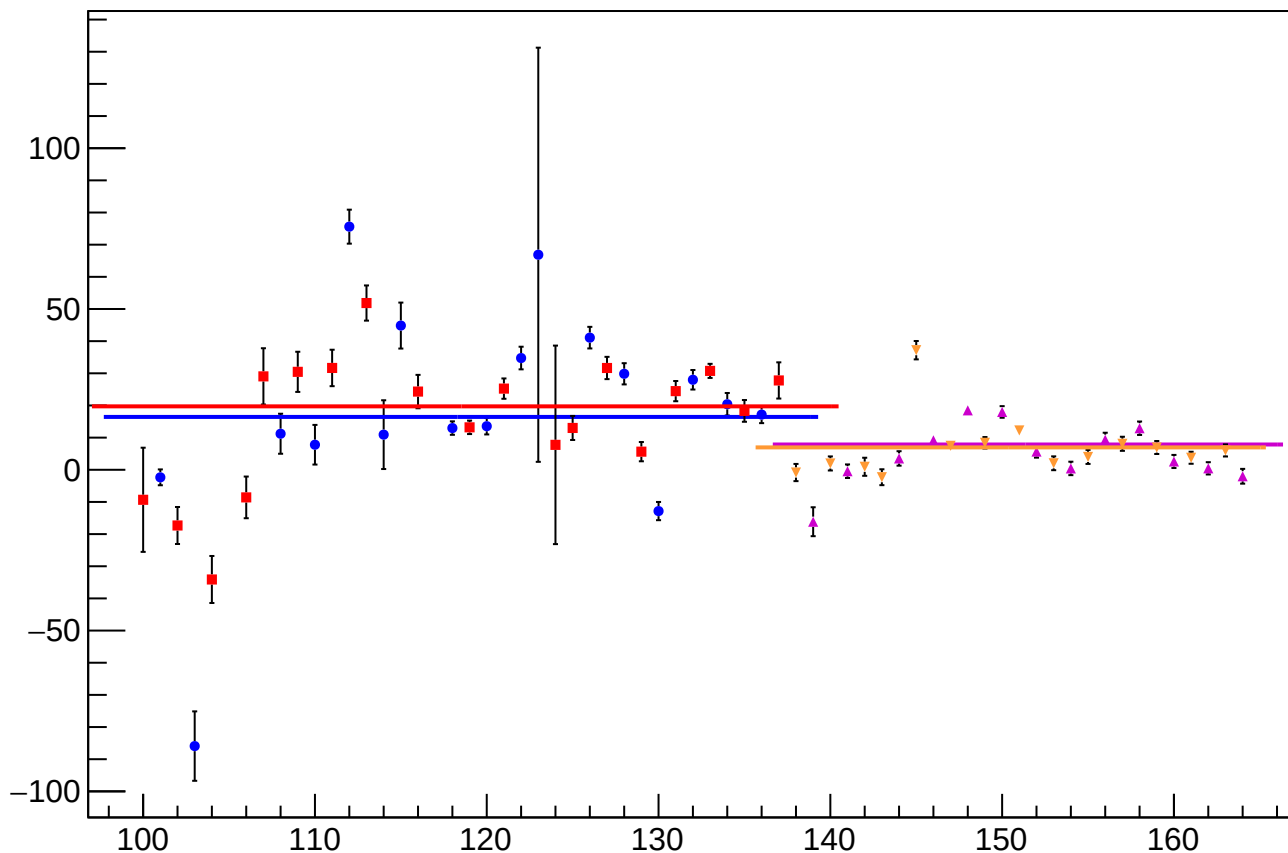
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.803+/-0.770 χ^2/NDF :840.5/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.162+/-0.766 χ^2/NDF :509.9/12

Left: -28.490+/-0.543 χ^2/NDF : 1360.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.162+/-0.766 χ^2/NDF :509.9/12
 Out: -26.803+/-0.770 χ^2/NDF :840.5/13

All: -28.490+/-0.543 χ^2/NDF : 1360.0/26

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 6.962 ± 0.525 $\chi^2/\text{NDF}: 169.6/13$

Right Out: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 7.862 ± 0.537 $\chi^2/\text{NDF}: 206.6/12$

Left: 7.402 ± 0.375 $\chi^2/\text{NDF}: 377.6/26$

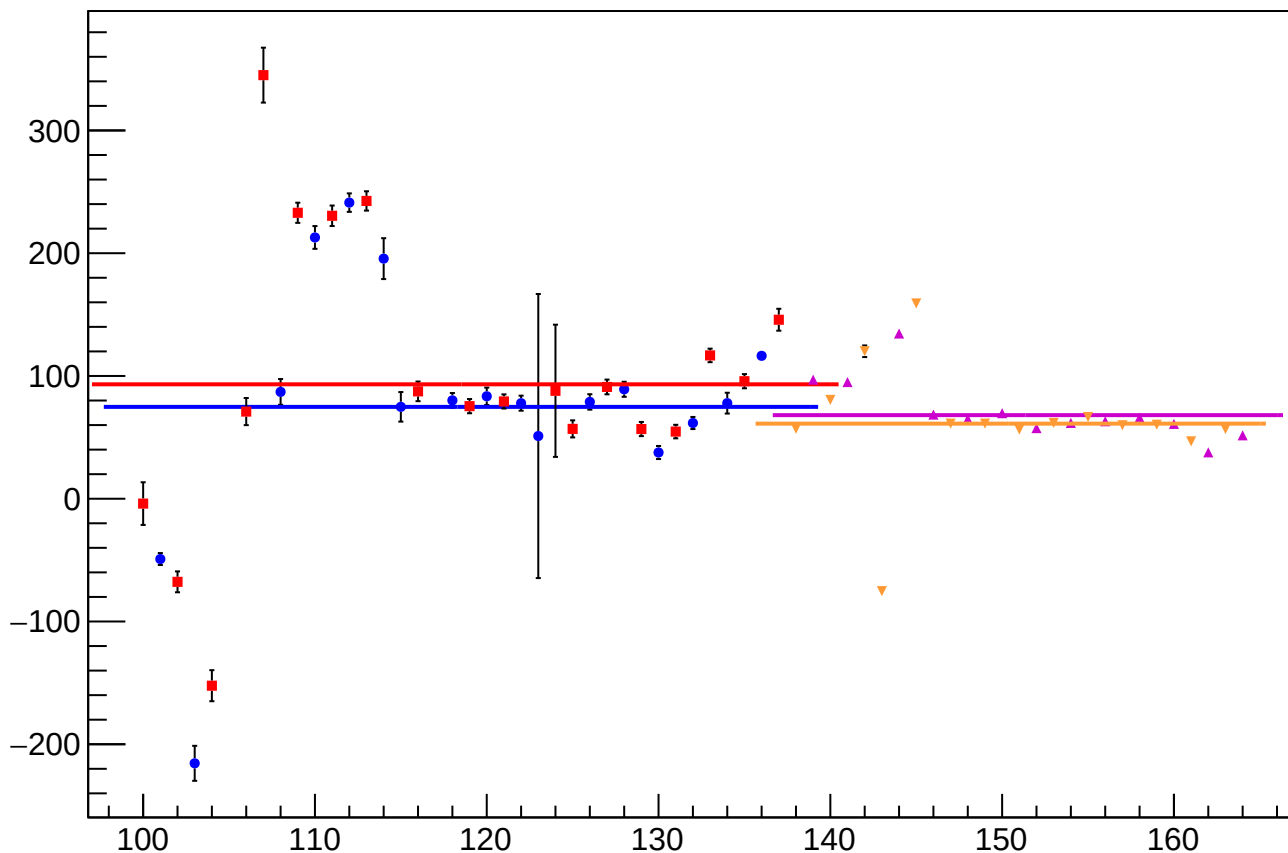
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 10.312 ± 0.453 $\chi^2/\text{NDF}: 796.5/29$

Out: 10.217 ± 0.453 $\chi^2/\text{NDF}: 561.8/32$

All: 10.264 ± 0.321 $\chi^2/\text{NDF}: 1358.4/62$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2 /NDF: 1996.8/16

Left Out: 61.164+/-0.751 χ^2 /NDF:2353.6/13

Right Out: 93.202+/-1.712 χ^2 /NDF: 2000.7/18

Left In: 68.093+/-0.743 χ^2 /NDF:826.9/12

Left: 64.667+/-0.528 χ^2 /NDF: 3223.6/26

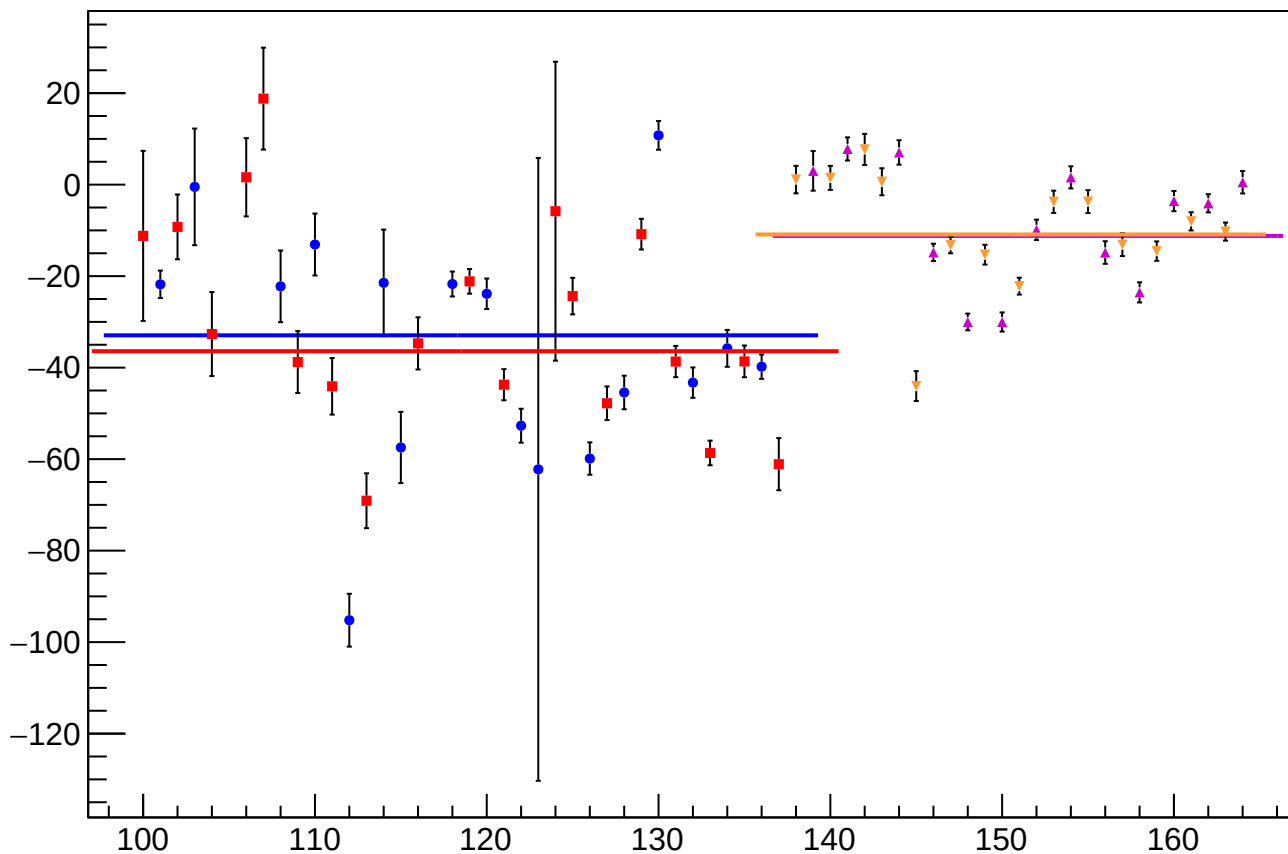
Right: 83.612+/-1.184 χ^2 /NDF: 4057.7/35

In: 69.241+/-0.677 χ^2 /NDF:2837.7/29

Out: 66.337+/-0.688 χ^2 /NDF:4648.1/32

All: 67.813+/-0.482 χ^2 /NDF: 7494.9/62

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 $\pm$ 0.973 χ^2/NDF : 490.7/16

Left Out: -10.887 $\pm$ 0.621 χ^2/NDF : 252.9/13

Right Out: -36.411 $\pm$ 1.025 χ^2/NDF : 295.1/18

Left In: -11.206 $\pm$ 0.630 χ^2/NDF : 414.3/12

Left: -11.045 $\pm$ 0.442 χ^2/NDF : 667.2/26

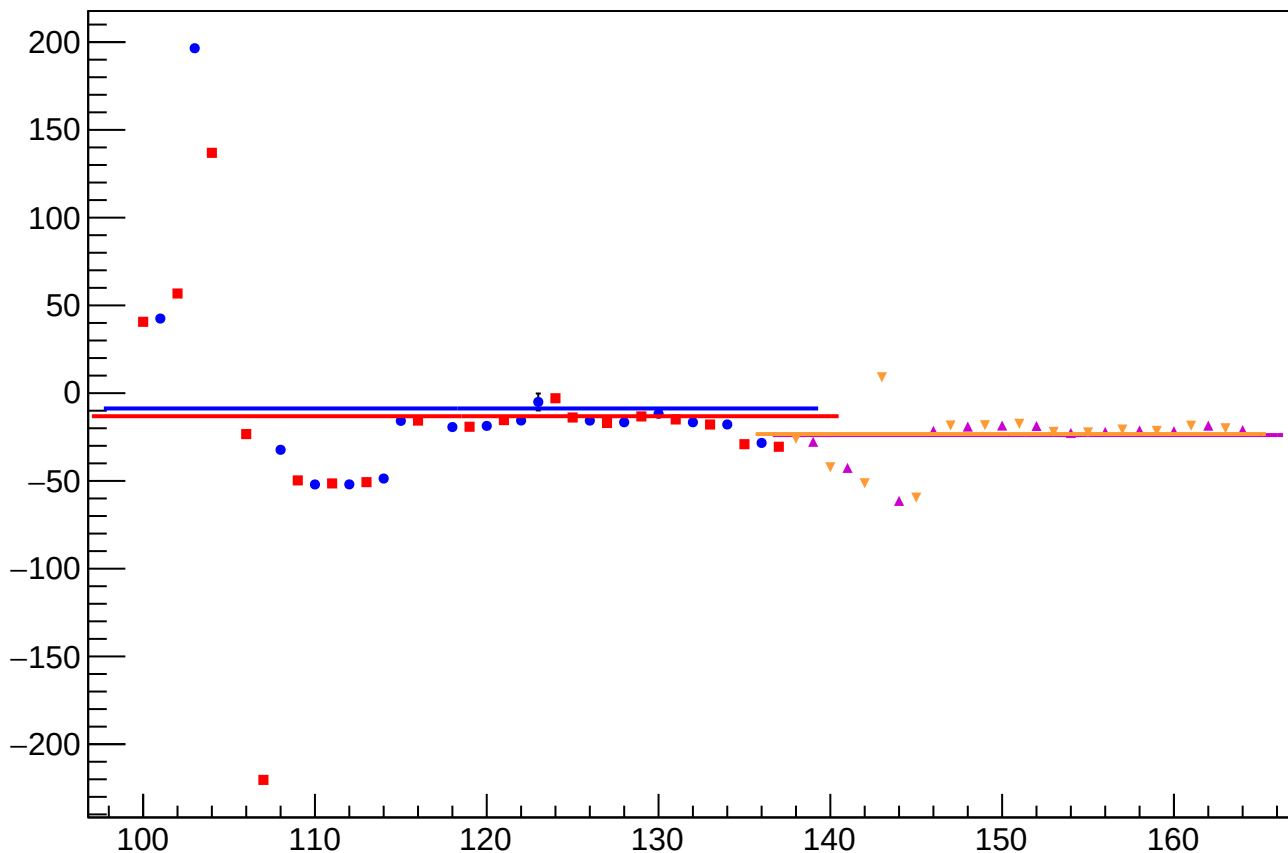
Right: -34.583 $\pm$ 0.706 χ^2/NDF : 791.9/35

In: -17.615 $\pm$ 0.529 χ^2/NDF : 1256.4/29

Out: -17.739 $\pm$ 0.531 χ^2/NDF : 1001.5/32

All: -17.677 $\pm$ 0.375 χ^2/NDF : 2257.9/62

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: -23.297 ± 0.029 $\chi^2/\text{NDF}: 174689.2/13$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -23.877 ± 0.029 $\chi^2/\text{NDF}: 101888.4/12$

Left: -23.590 ± 0.021 $\chi^2/\text{NDF}: 276775.2/26$

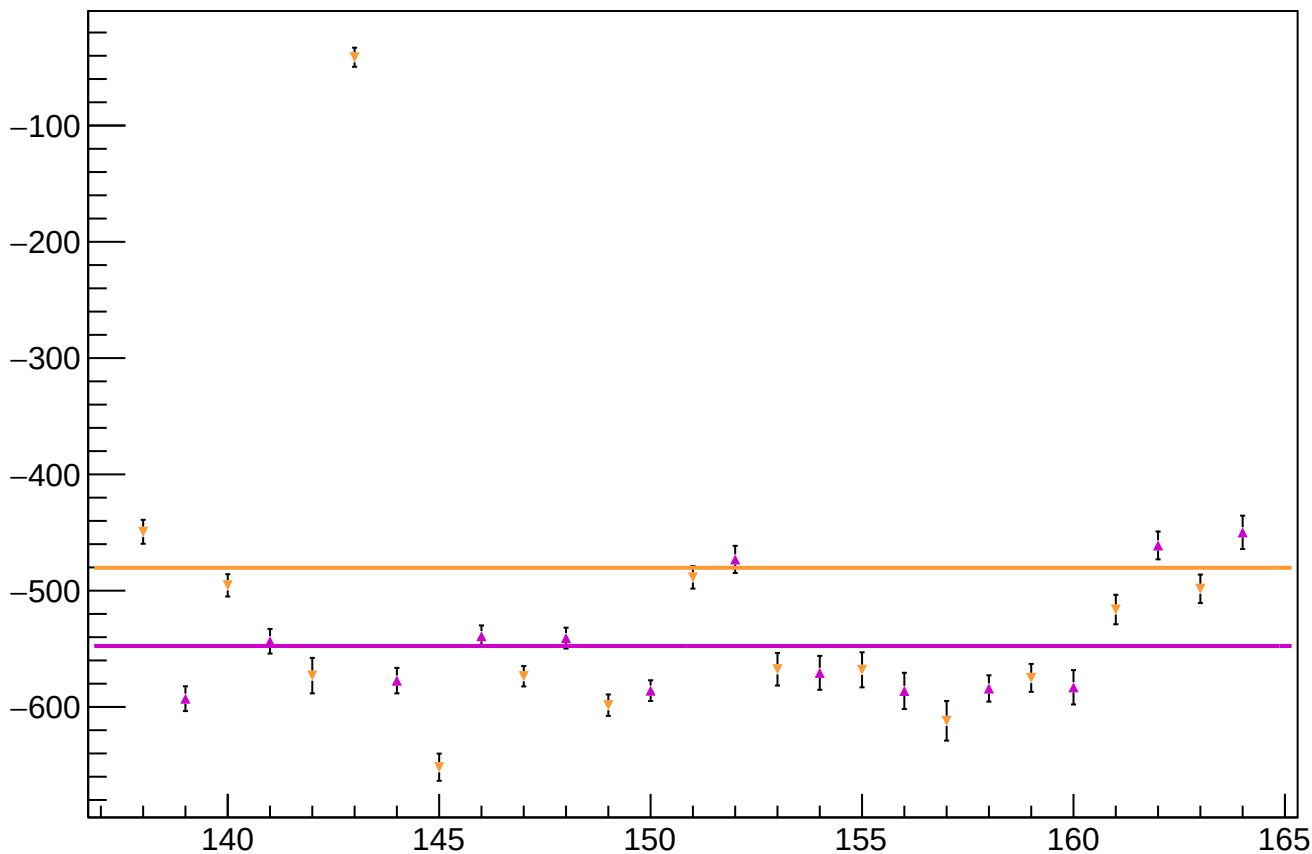
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -20.906 ± 0.026 $\chi^2/\text{NDF}: 731006.0/29$

Out: -21.423 ± 0.027 $\chi^2/\text{NDF}: 755399.8/32$

All: -21.160 ± 0.019 $\chi^2/\text{NDF}: 1486598.5/62$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -480.303+/-2.952 χ^2/NDF :3594.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -547.598+/-3.113 χ^2/NDF :209.7/12

Left: -512.165+/-2.142 χ^2/NDF : 4050.2/26

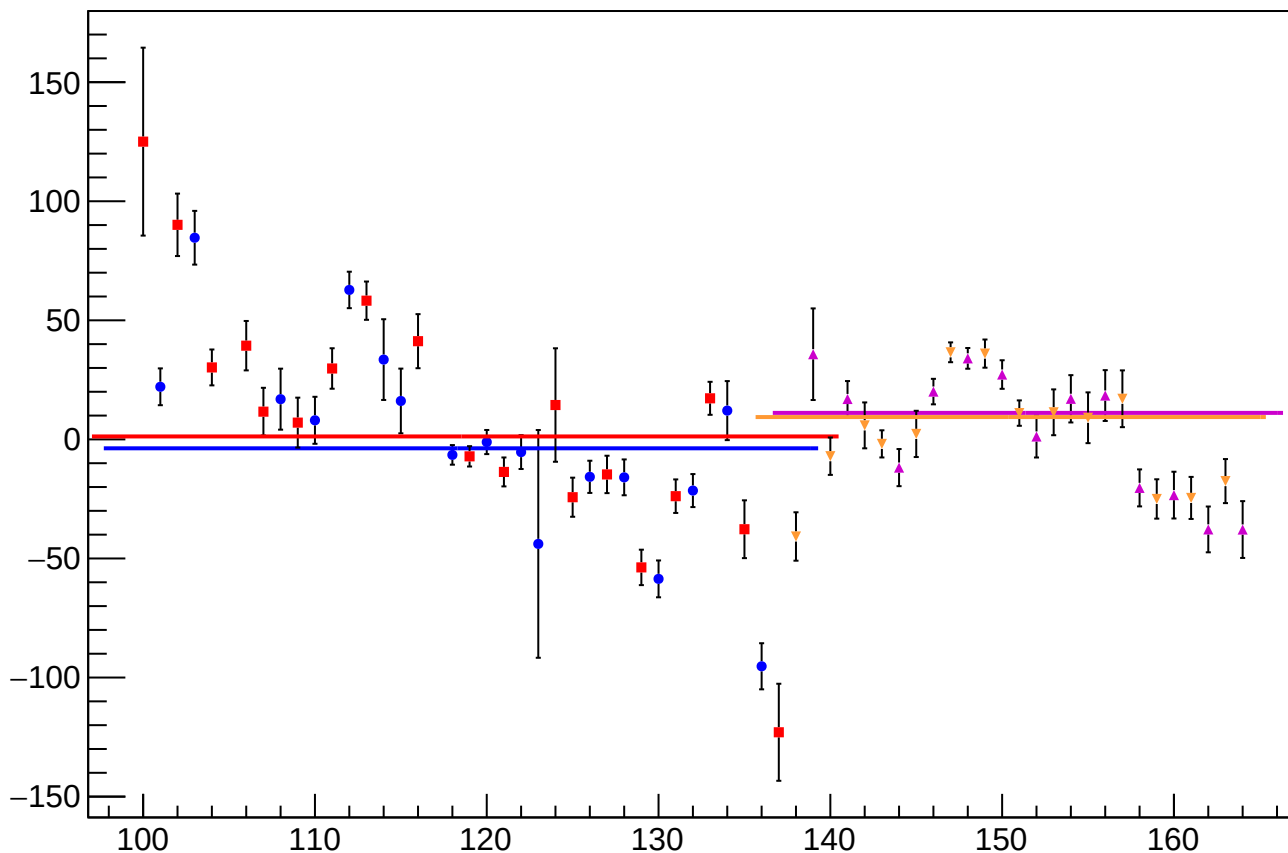
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -547.598+/-3.113 χ^2/NDF :209.7/12

Out: -480.303+/-2.952 χ^2/NDF :3594.5/13

All: -512.165+/-2.142 χ^2/NDF : 4050.2/26

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 9.376 ± 1.941 χ^2/NDF : 137.4/13

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 11.133 ± 2.091 χ^2/NDF : 122.2/12

Left: 10.190 ± 1.423 χ^2/NDF : 260.0/26

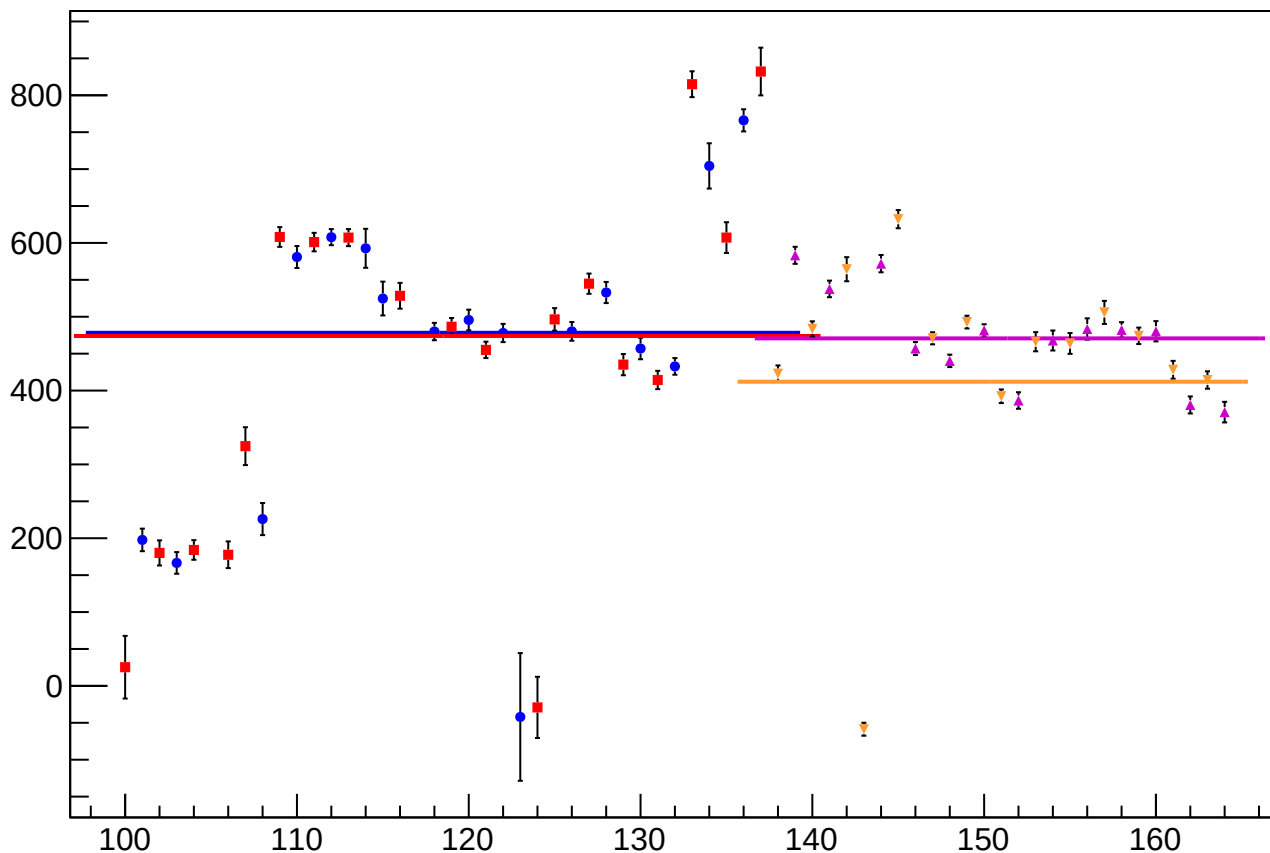
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.954 ± 1.403 χ^2/NDF : 464.1/29

Out: 5.254 ± 1.364 χ^2/NDF : 449.8/32

All: 4.137 ± 0.978 χ^2/NDF : 915.4/62

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 ± 3.638 $\chi^2/\text{NDF}: 1627.9/16$

Left Out: 412.031 ± 2.910 $\chi^2/\text{NDF}: 3578.9/13$

Right Out: 473.977 ± 3.529 $\chi^2/\text{NDF}: 2288.3/18$

Left In: 470.693 ± 3.023 $\chi^2/\text{NDF}: 393.4/12$

Left: 440.248 ± 2.097 $\chi^2/\text{NDF}: 4167.7/26$

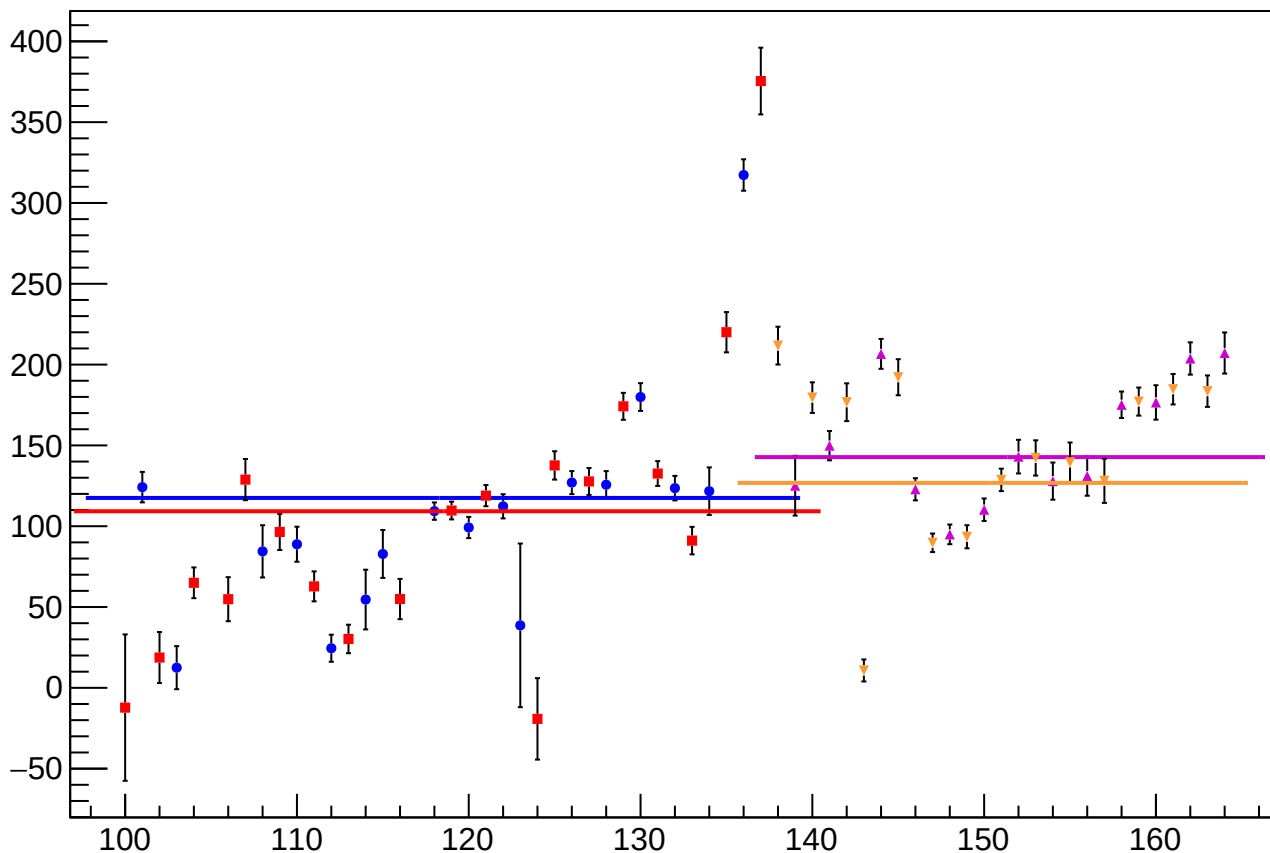
Right: 476.056 ± 2.533 $\chi^2/\text{NDF}: 3917.0/35$

In: 473.786 ± 2.325 $\chi^2/\text{NDF}: 2023.9/29$

Out: 437.107 ± 2.245 $\chi^2/\text{NDF}: 6050.6/32$

All: 454.806 ± 1.615 $\chi^2/\text{NDF}: 8203.2/62$

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: 126.810 $\pm$ 2.348 χ^2 /NDF: 598.2/13

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 142.757 $\pm$ 2.507 χ^2 /NDF: 232.3/12

Left: 134.260 $\pm$ 1.714 χ^2 /NDF: 852.1/26

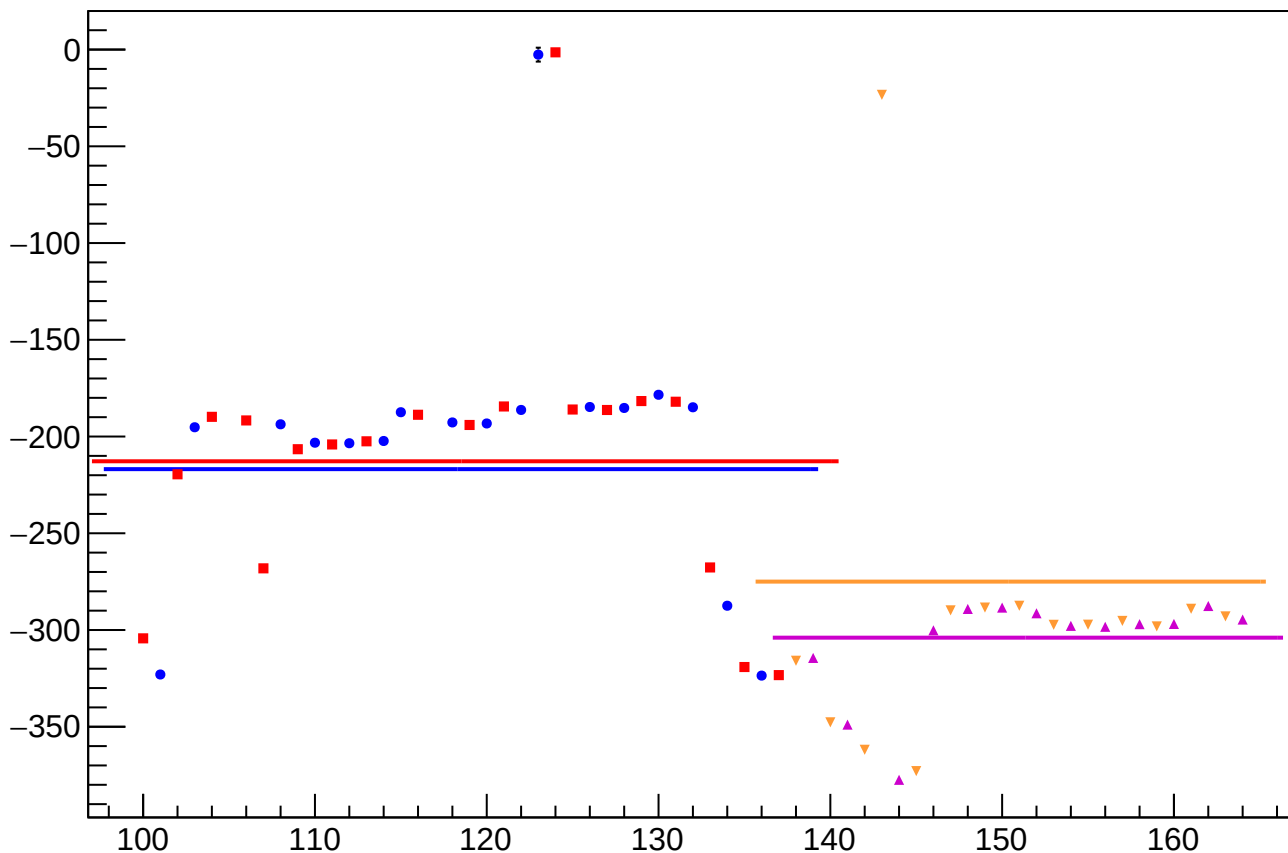
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 128.475 $\pm$ 1.653 χ^2 /NDF: 995.7/29

Out: 117.481 $\pm$ 1.608 χ^2 /NDF: 1197.3/32

All: 122.826 $\pm$ 1.152 χ^2 /NDF: 2215.7/62

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -274.983+/-0.117 χ^2/NDF : 618753.8/13

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -303.958+/-0.121 χ^2/NDF : 37843.5/12

Left: -289.052+/-0.084 χ^2/NDF : 686334.1/26

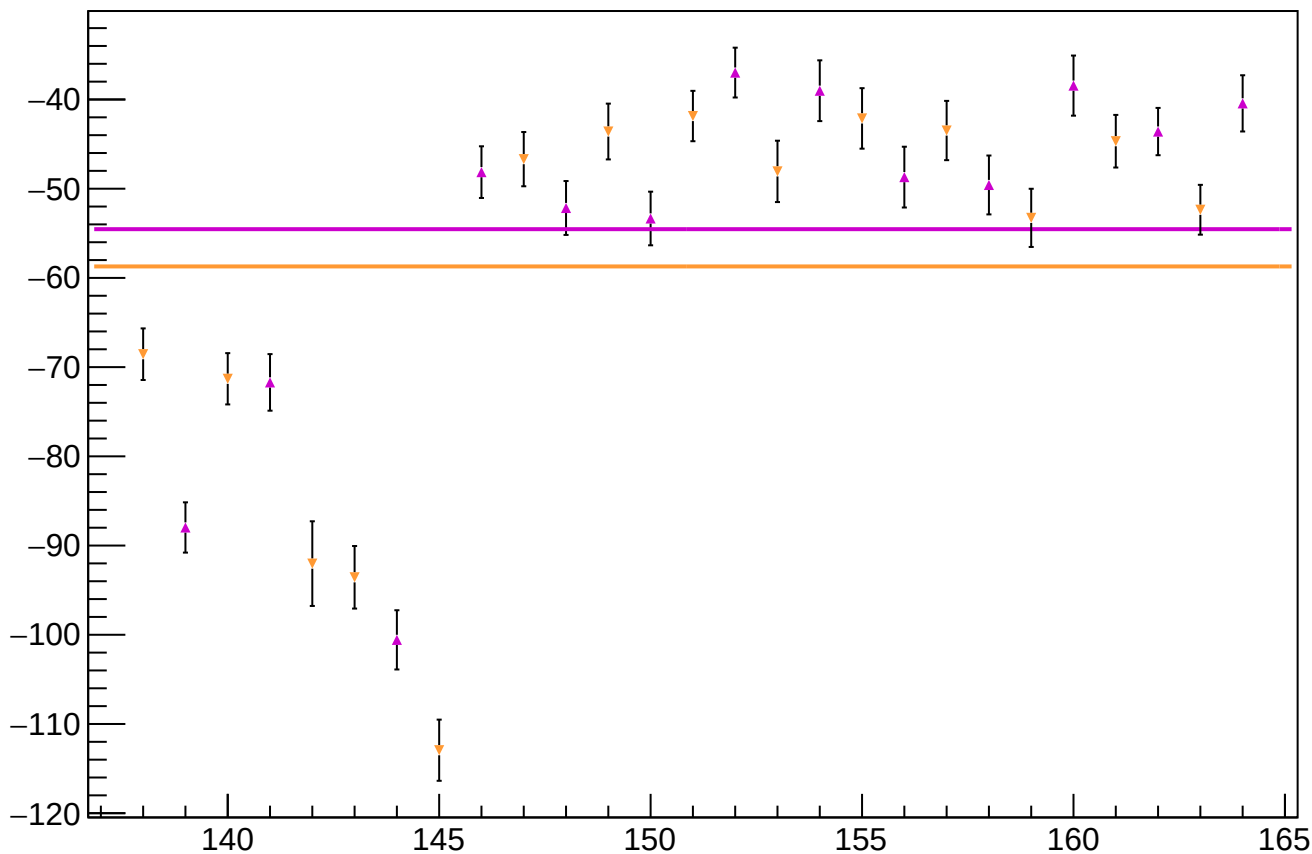
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -265.600+/-0.090 χ^2/NDF : 414804.2/29

Out: -247.146+/-0.087 χ^2/NDF : 861629.6/32

All: -256.046+/-0.063 χ^2/NDF : 1298124.7/62

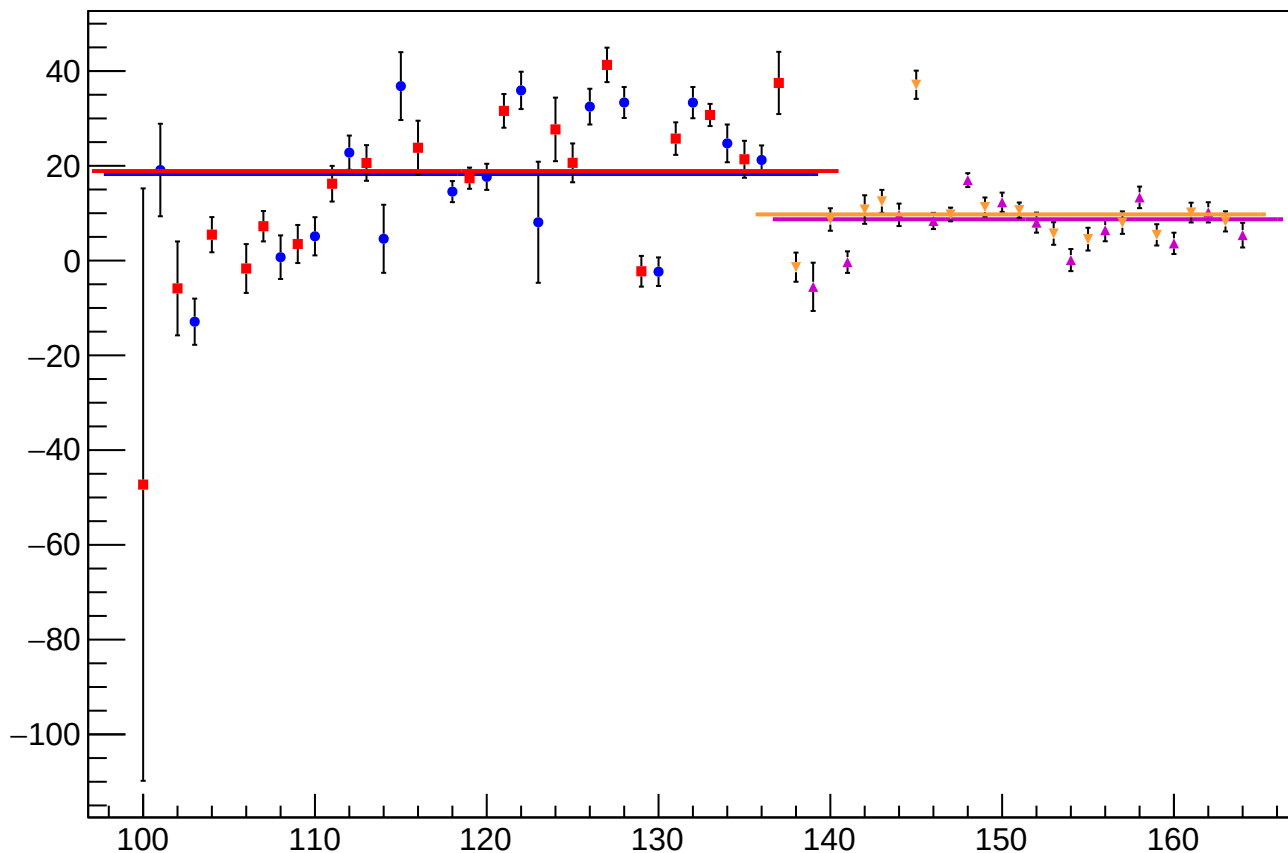
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.713+/-0.849 χ^2/NDF : 588.9/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -54.537+/-0.852 χ^2/NDF : 493.4/12

Left: -56.631+/-0.601 χ^2/NDF : 1094.3/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -54.537+/-0.852 χ^2/NDF : 493.4/12
 Out: -58.713+/-0.849 χ^2/NDF : 588.9/13
 All: -56.631+/-0.601 χ^2/NDF : 1094.3/26

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.747 ± 0.580 χ^2/NDF : 112.2/13

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.719 ± 0.597 χ^2/NDF : 84.7/12

Left: 9.248 ± 0.416 χ^2/NDF : 198.4/26

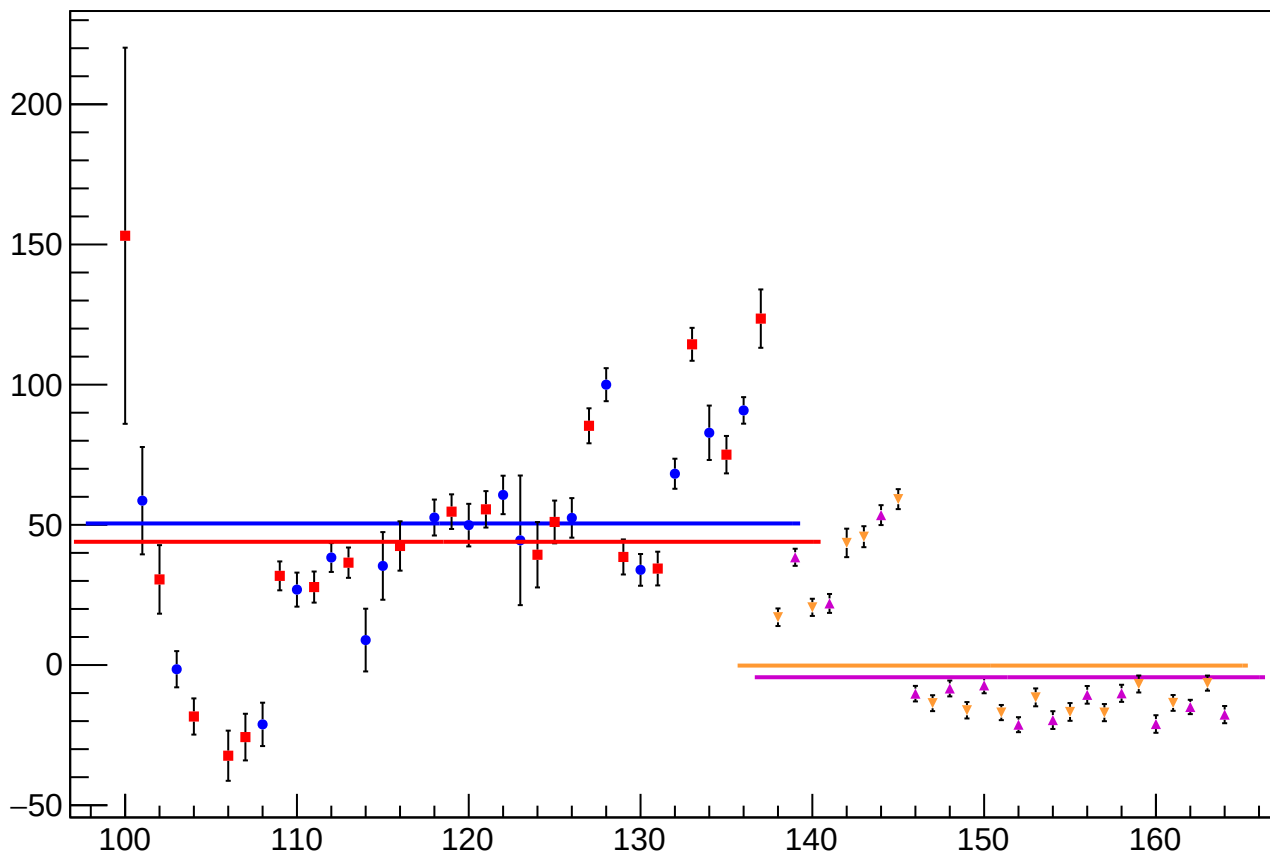
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.608 ± 0.499 χ^2/NDF : 370.3/29

Out: 12.591 ± 0.482 χ^2/NDF : 388.7/32

All: 12.117 ± 0.347 χ^2/NDF : 761.0/62

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: -0.193 $\pm$ 0.830 χ^2 /NDF: 772.4/13

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -4.354 $\pm$ 0.826 χ^2 /NDF: 665.7/12

Left: -2.282 $\pm$ 0.585 χ^2 /NDF: 1450.7/26

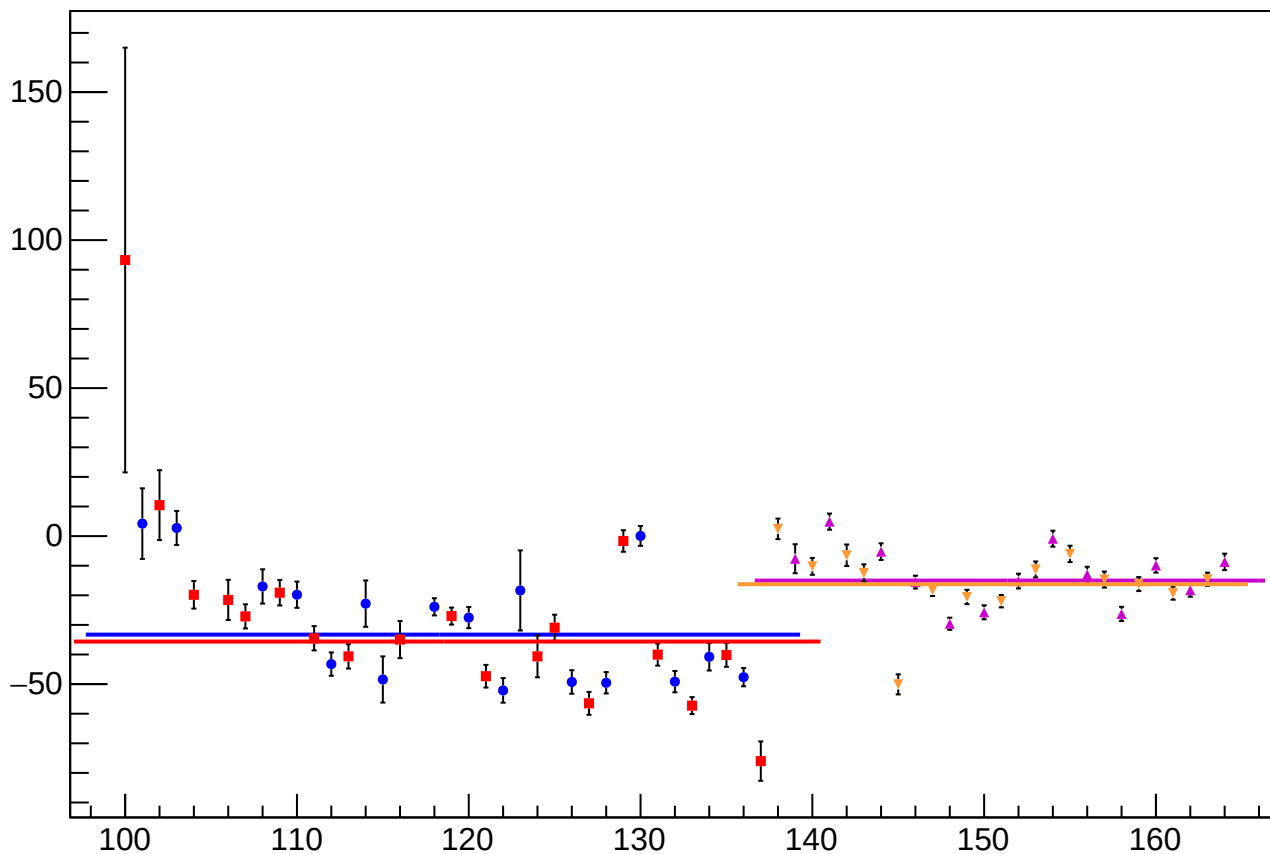
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 6.423 $\pm$ 0.741 χ^2 /NDF: 1894.8/29

Out: 9.133 $\pm$ 0.737 χ^2 /NDF: 1905.0/32

All: 7.785 $\pm$ 0.522 χ^2 /NDF: 3806.5/62

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.262 ± 0.686 χ^2/NDF : 173.3/13

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.022 ± 0.700 χ^2/NDF : 200.8/12

Left: -15.655 ± 0.490 χ^2/NDF : 375.7/26

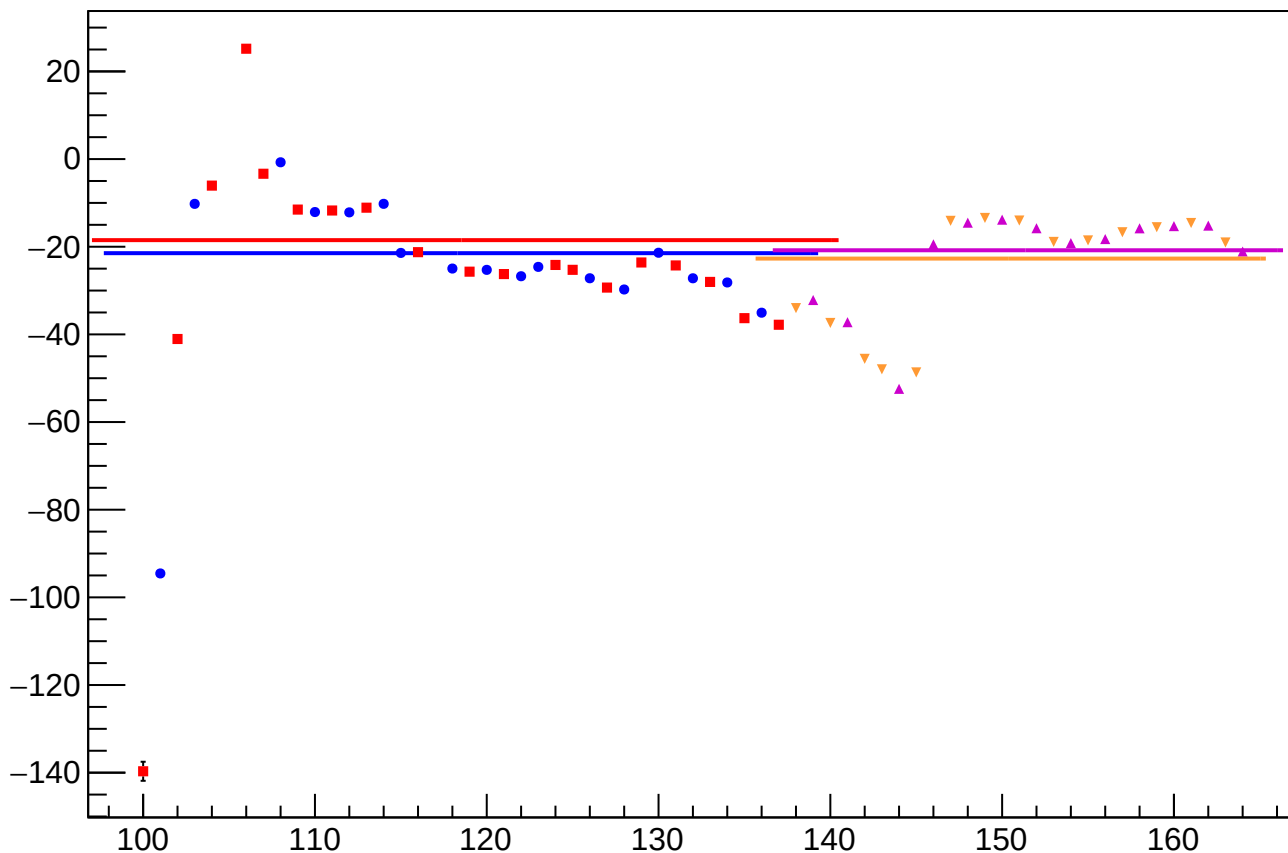
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.751 ± 0.580 χ^2/NDF : 707.4/29

Out: -22.518 ± 0.564 χ^2/NDF : 718.4/32

All: -21.658 ± 0.404 χ^2/NDF : 1430.6/62

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -21.751 ± 0.023 $\chi^2/\text{NDF}: 213887.7/26$

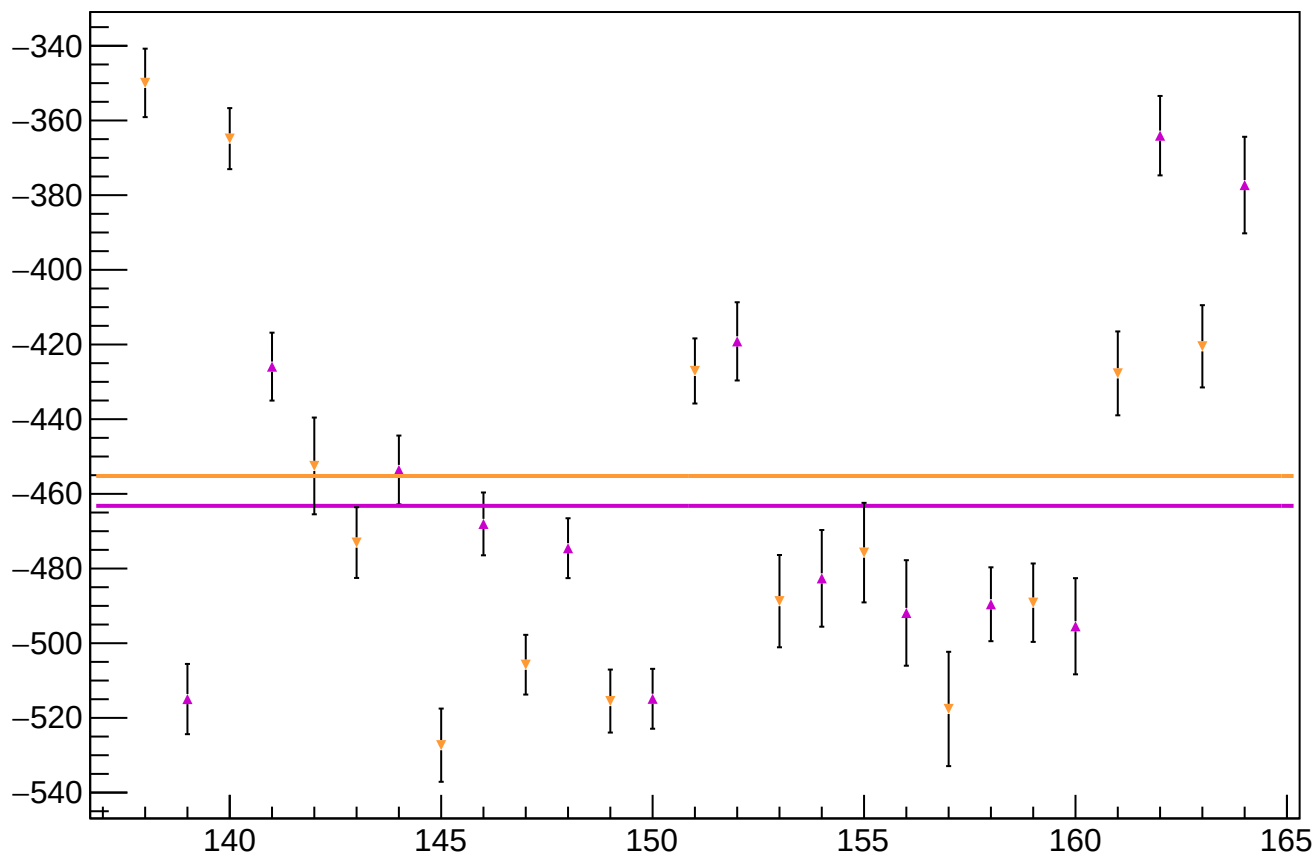
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -20.960 ± 0.028 $\chi^2/\text{NDF}: 133029.7/29$

Out: -21.685 ± 0.028 $\chi^2/\text{NDF}: 212995.0/32$

All: -21.323 ± 0.020 $\chi^2/\text{NDF}: 346353.8/62$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -455.214+/-2.683 χ^2/NDF :465.9/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -463.210+/-2.757 χ^2/NDF :260.4/12

Left: -459.104+/-1.923 χ^2/NDF : 730.7/26

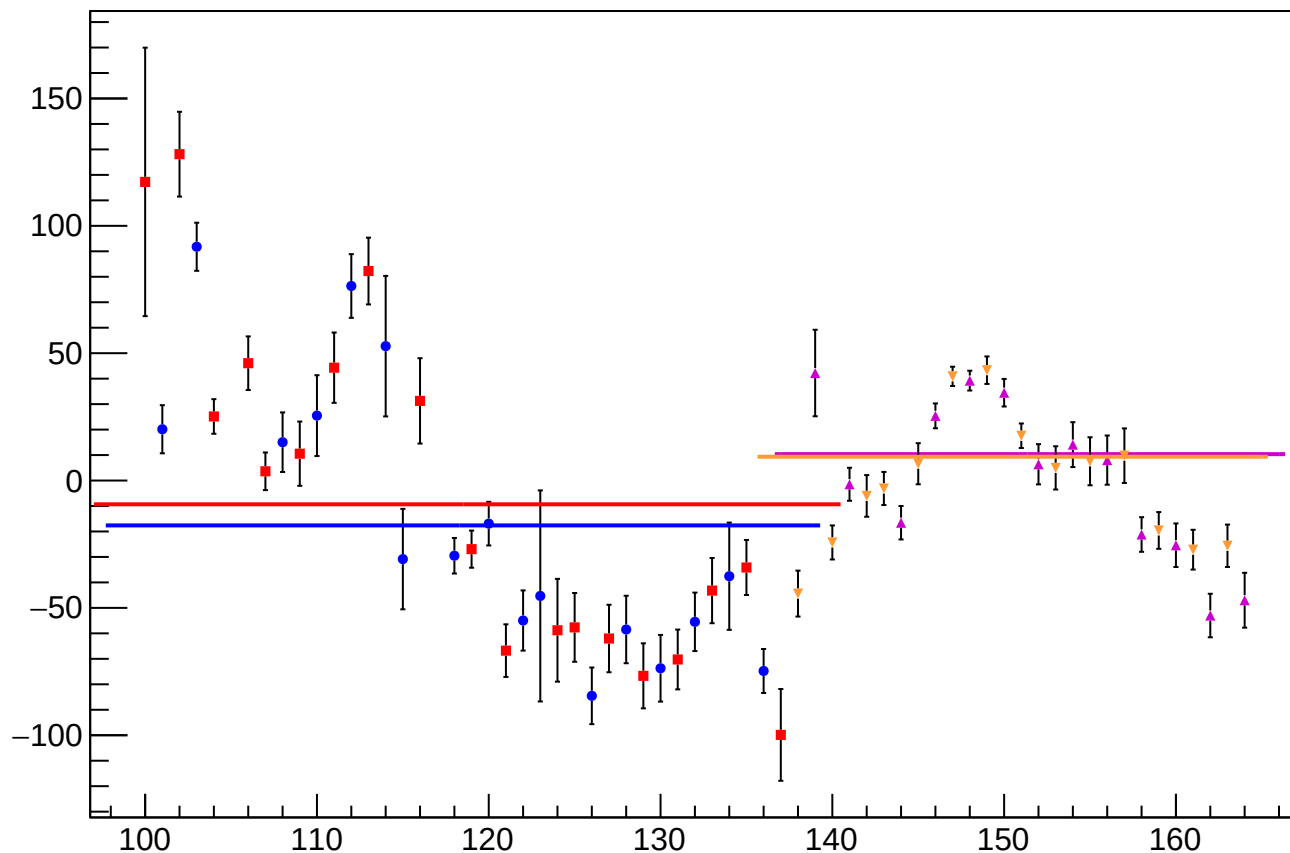
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.210+/-2.757 χ^2/NDF :260.4/12

Out: -455.214+/-2.683 χ^2/NDF :465.9/13

All: -459.104+/-1.923 χ^2/NDF : 730.7/26

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 9.353 ± 1.768 χ^2/NDF : 236.1/13

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 10.357 ± 1.856 χ^2/NDF : 231.2/12

Left: 9.831 ± 1.280 χ^2/NDF : 467.4/26

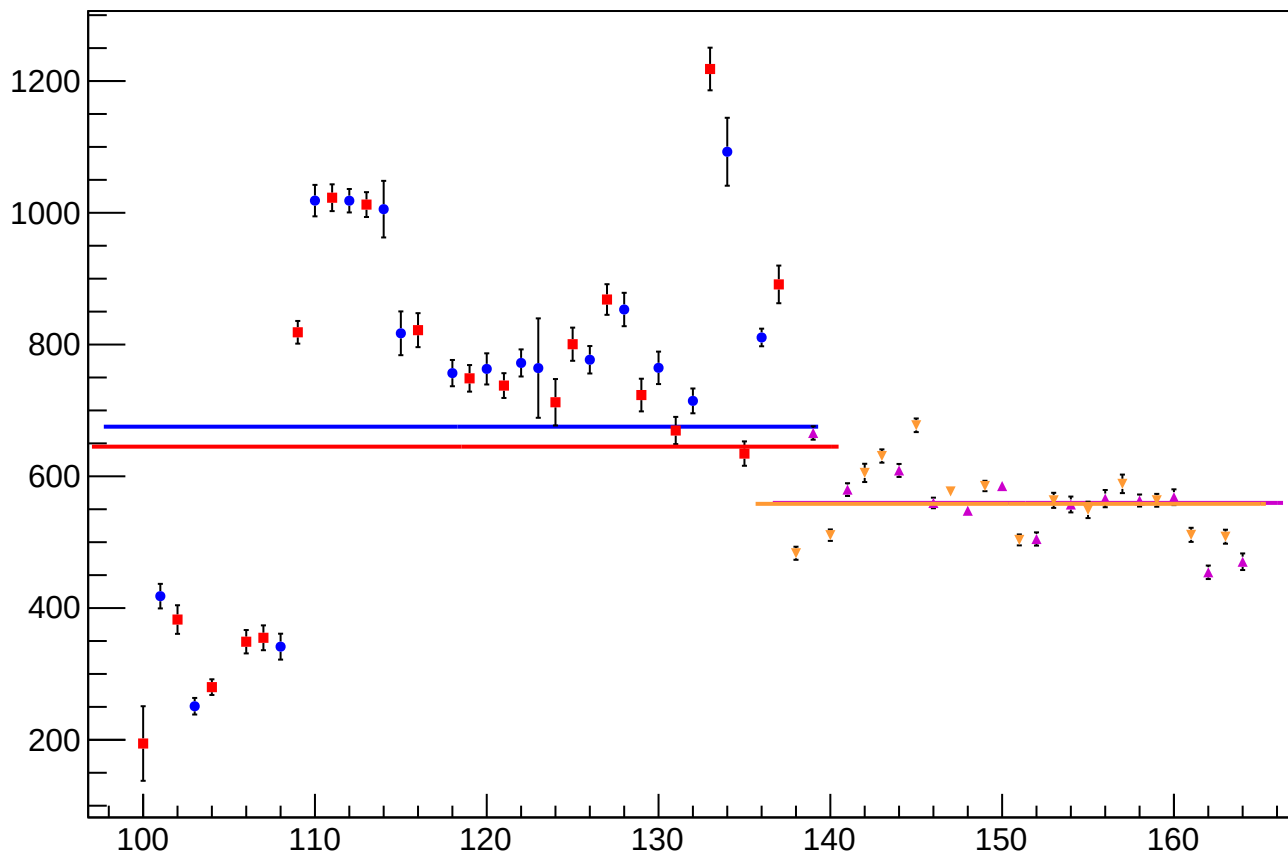
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: 1.758 ± 1.545 χ^2/NDF : 663.1/29

Out: 3.473 ± 1.464 χ^2/NDF : 637.6/32

All: 2.662 ± 1.063 χ^2/NDF : 1301.4/62

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 558.217 ± 2.640 χ^2/NDF : 391.6/13

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

Left In: 559.654 ± 2.682 χ^2/NDF : 339.0/12

Left: 558.925 ± 1.881 χ^2/NDF : 730.7/26

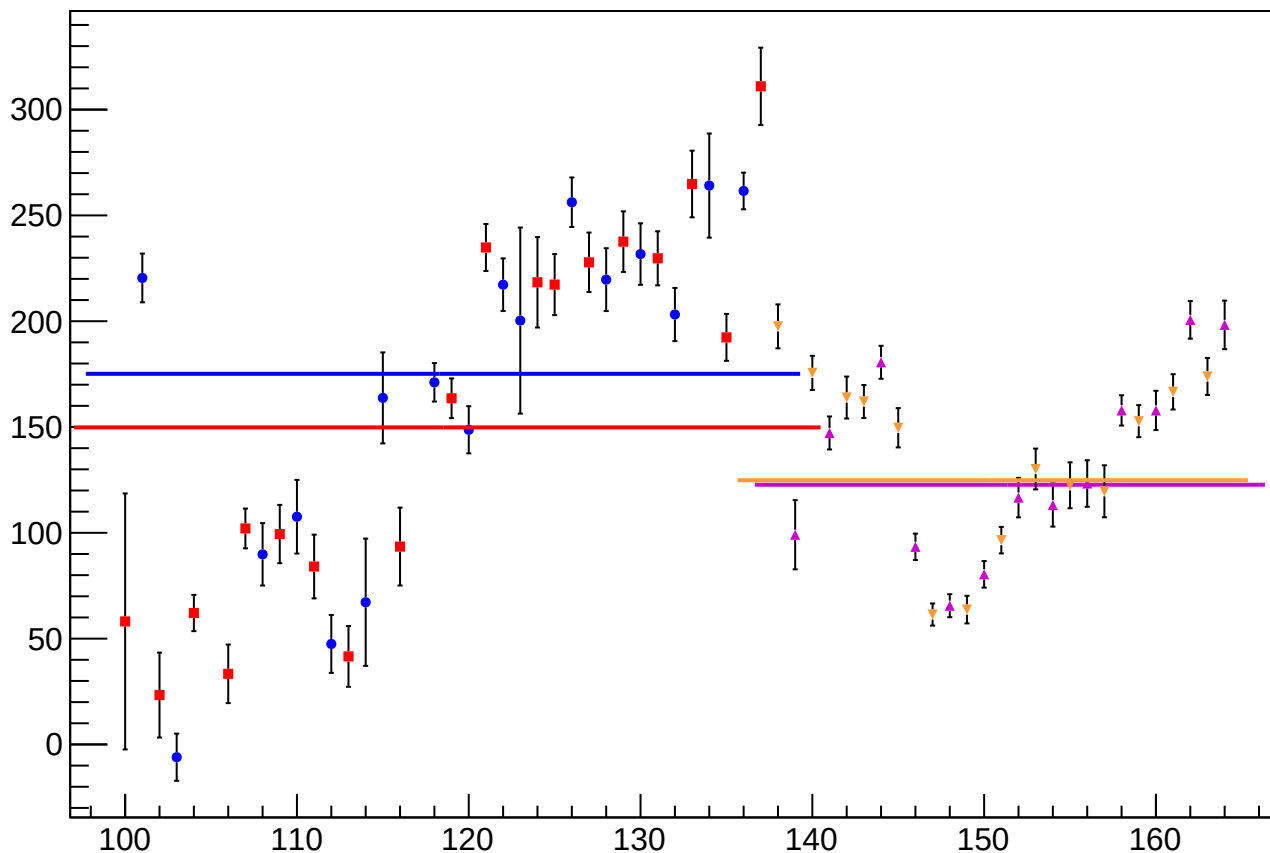
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 585.133 ± 2.368 χ^2/NDF : 3331.6/29

Out: 578.656 ± 2.309 χ^2/NDF : 3768.8/32

All: 581.812 ± 1.653 χ^2/NDF : 7104.3/62

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: 124.832 $\pm$ 2.136 χ^2 /NDF:460.1/13

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 122.731 $\pm$ 2.224 χ^2 /NDF:405.4/12

Left: 123.823 $\pm$ 1.540 χ^2 /NDF: 866.0/26

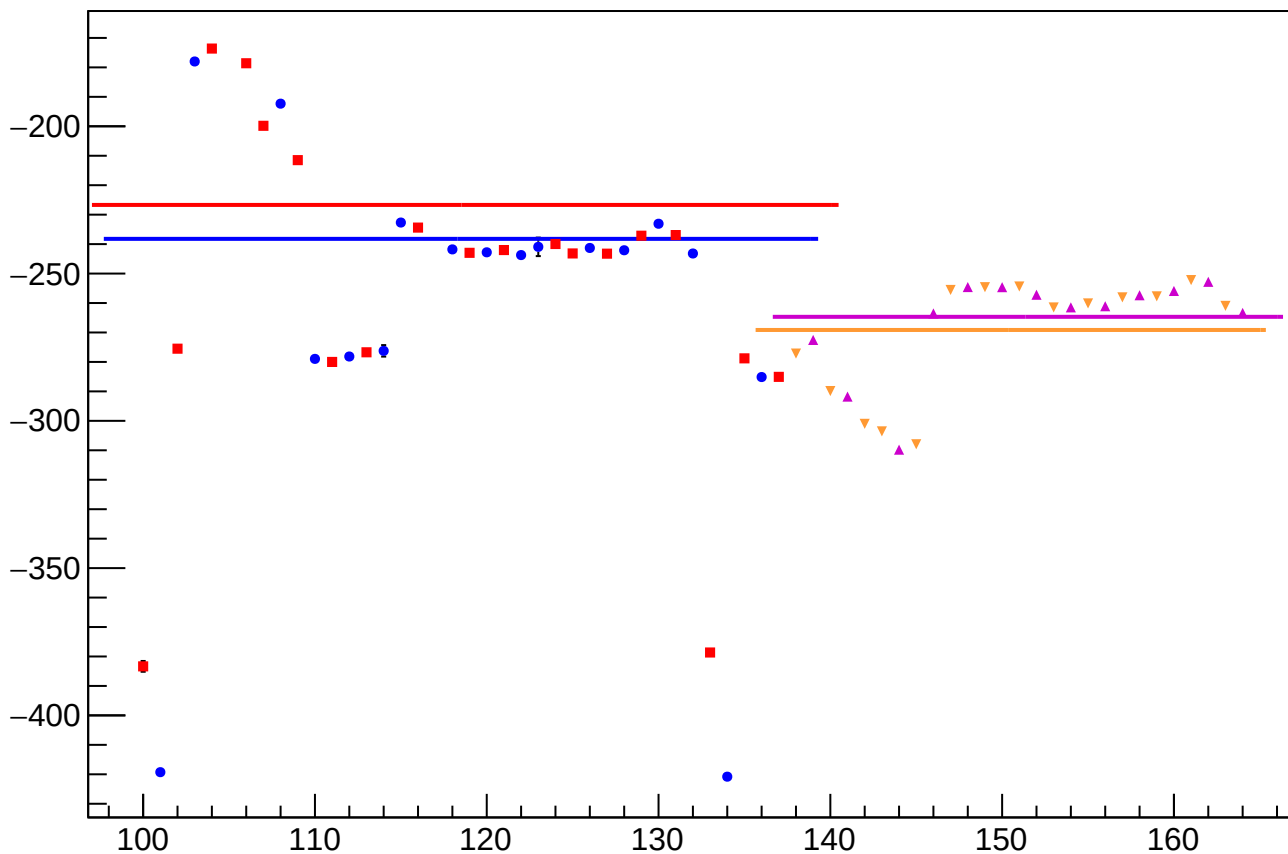
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 139.730 $\pm$ 1.828 χ^2 /NDF:1221.2/29

Out: 133.088 $\pm$ 1.748 χ^2 /NDF:1193.8/32

All: 136.261 $\pm$ 1.263 χ^2 /NDF: 2421.9/62

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -269.148+/-0.106 χ^2/NDF : 32390.8/13

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -264.685+/-0.107 χ^2/NDF : 20461.6/12

Left: -266.931+/-0.075 χ^2/NDF : 53730.6/26

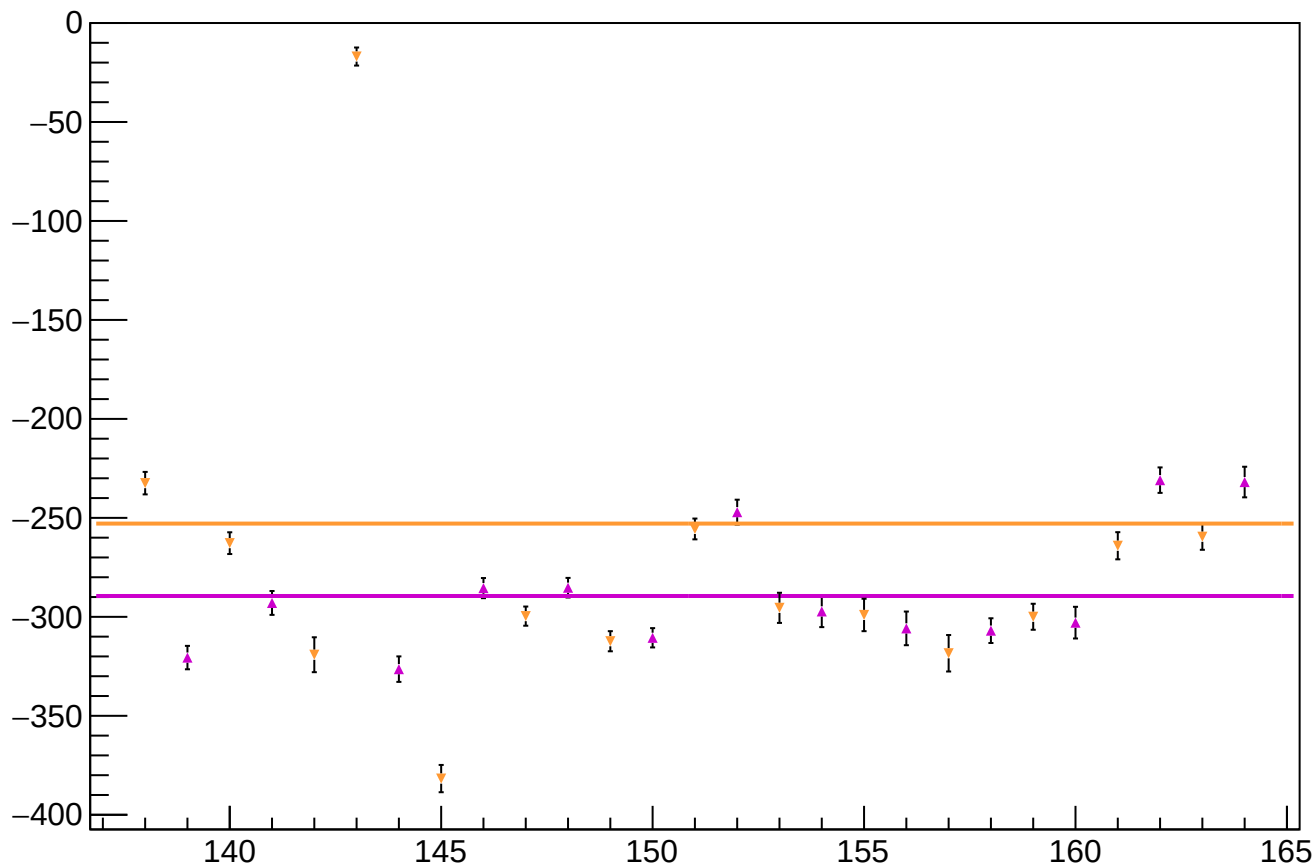
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.526+/-0.089 χ^2/NDF : 206475.7/29

Out: -255.115+/-0.087 χ^2/NDF : 188080.1/32

All: -255.805+/-0.062 χ^2/NDF : 394684.7/62

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: -252.887 ± 1.633 $\chi^2/\text{NDF}: 3495.0/13$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -289.466 ± 1.718 $\chi^2/\text{NDF}: 280.0/12$

Left: -270.249 ± 1.184 $\chi^2/\text{NDF}: 4013.1/26$

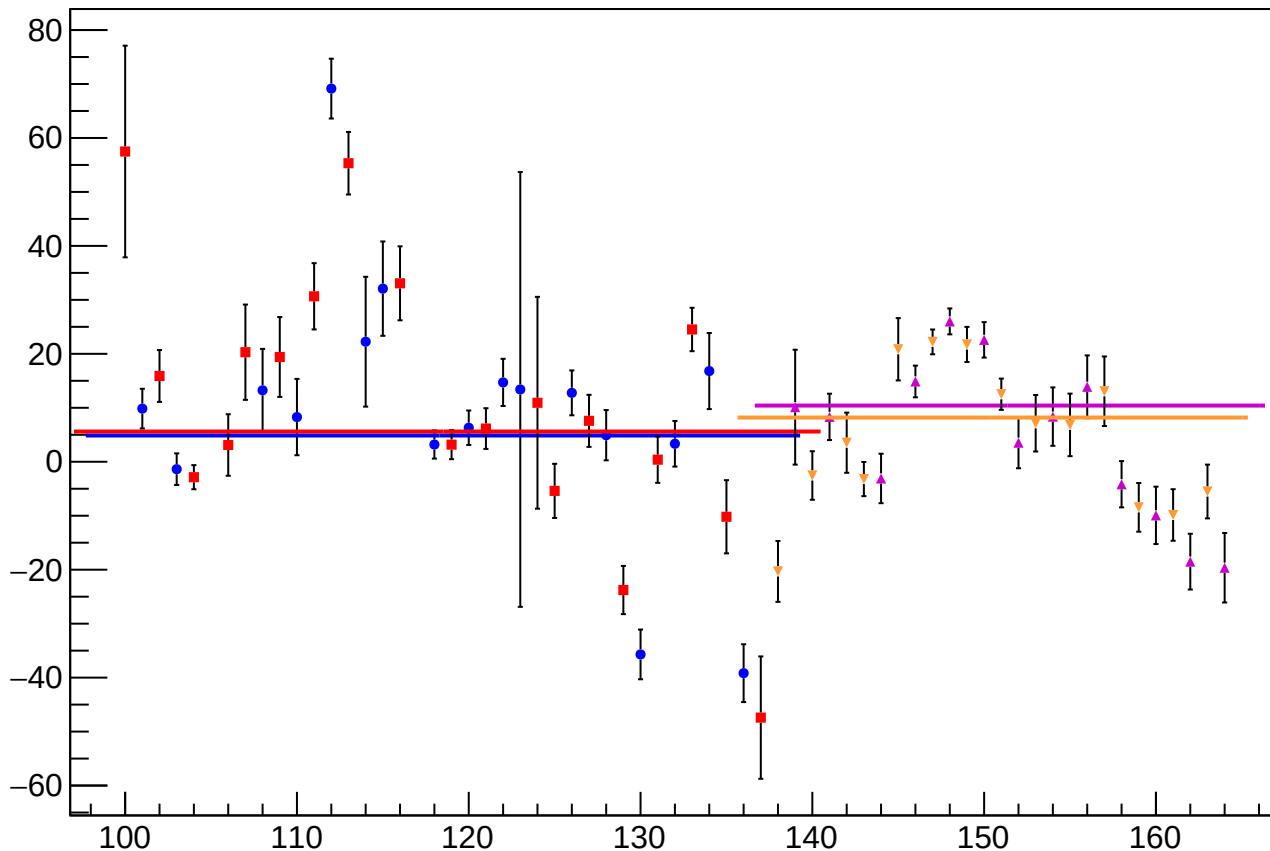
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -289.466 ± 1.718 $\chi^2/\text{NDF}: 280.0/12$

Out: -252.887 ± 1.633 $\chi^2/\text{NDF}: 3495.0/13$

All: -270.249 ± 1.184 $\chi^2/\text{NDF}: 4013.1/26$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 8.189 ± 1.072 $\chi^2/\text{NDF}: 142.7/13$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 10.412 ± 1.153 $\chi^2/\text{NDF}: 149.1/12$

Left: 9.220 ± 0.785 $\chi^2/\text{NDF}: 293.8/26$

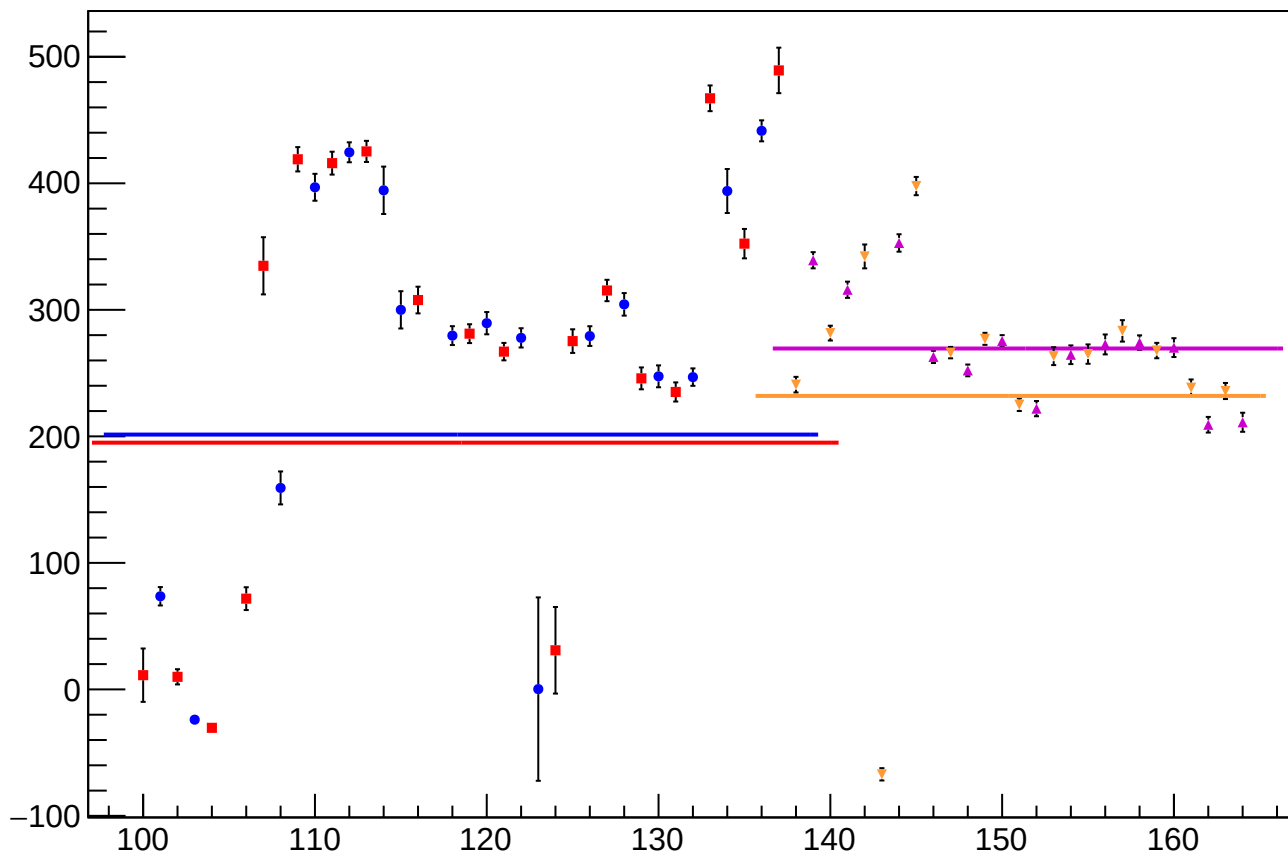
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 7.487 ± 0.792 $\chi^2/\text{NDF}: 472.9/29$

Out: 6.894 ± 0.757 $\chi^2/\text{NDF}: 384.2/32$

All: 7.177 ± 0.547 $\chi^2/\text{NDF}: 857.3/62$

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: 231.979 $\pm$ 1.607 χ^2 /NDF: 4774.5/13

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 269.430 $\pm$ 1.665 χ^2 /NDF: 553.3/12

Left: 250.031 $\pm$ 1.156 χ^2 /NDF: 5589.7/26

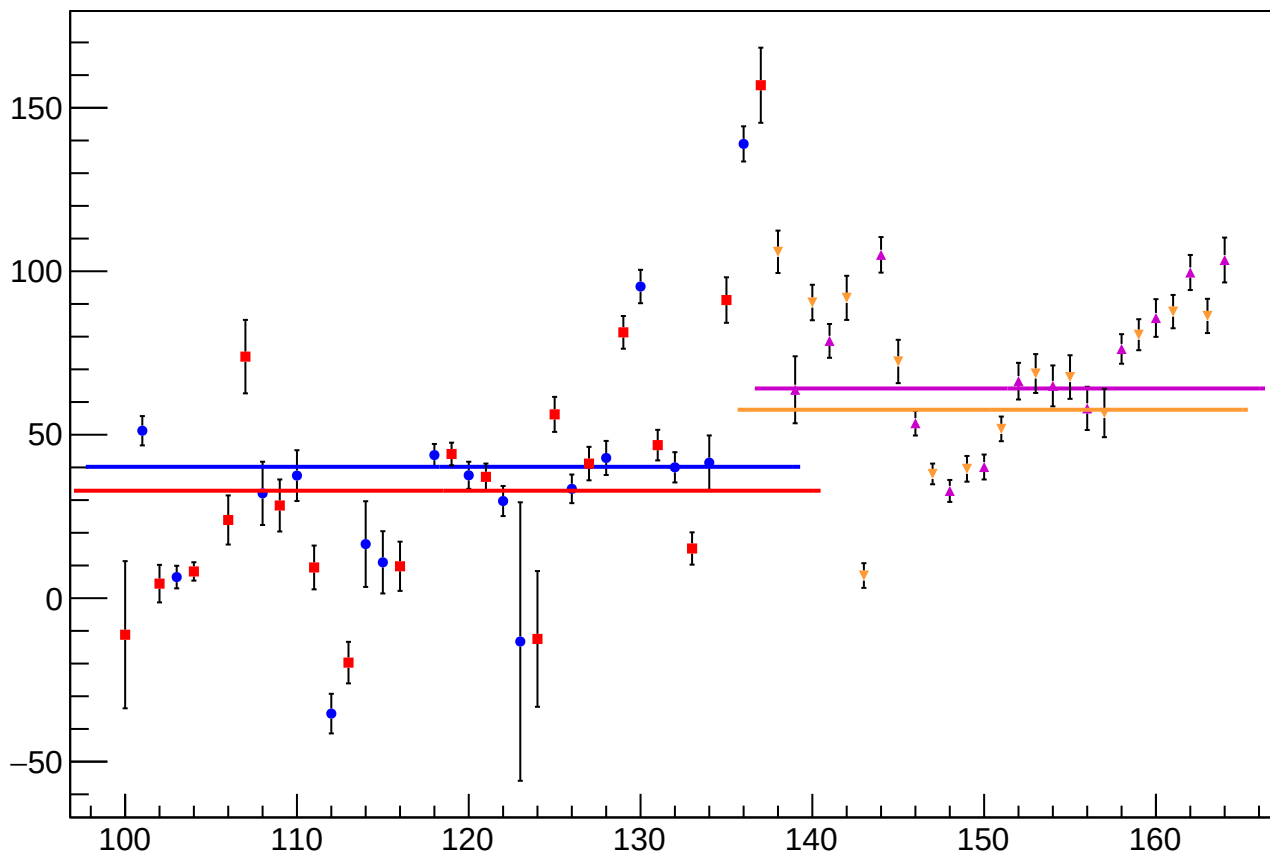
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 241.139 $\pm$ 1.273 χ^2 /NDF: 7987.5/29

Out: 216.789 $\pm$ 1.233 χ^2 /NDF: 13246.7/32

All: 228.577 $\pm$ 0.886 χ^2 /NDF: 21423.0/62

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: 57.643 ± 1.296 $\chi^2/\text{NDF}: 458.7/13$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 64.148 ± 1.382 $\chi^2/\text{NDF}: 297.8/12$

Left: 60.686 ± 0.945 $\chi^2/\text{NDF}: 768.2/26$

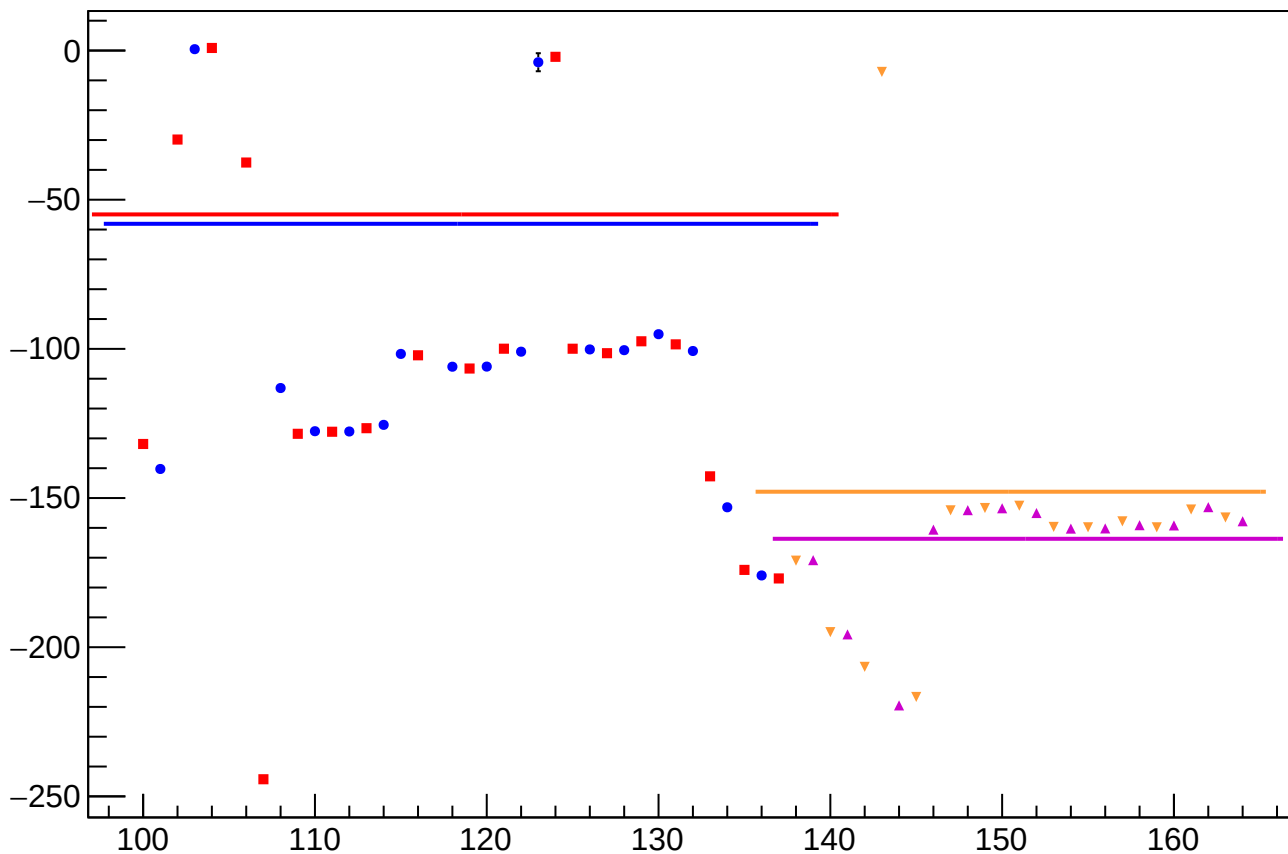
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 51.155 ± 0.935 $\chi^2/\text{NDF}: 1194.8/29$

Out: 44.822 ± 0.900 $\chi^2/\text{NDF}: 1198.8/32$

All: 47.867 ± 0.648 $\chi^2/\text{NDF}: 2417.5/62$

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: -147.882+/-0.065 χ^2/NDF : 656135.7/13

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -163.660+/-0.066 χ^2/NDF : 60393.5/12

Left: -155.557+/-0.046 χ^2/NDF : 745599.2/26

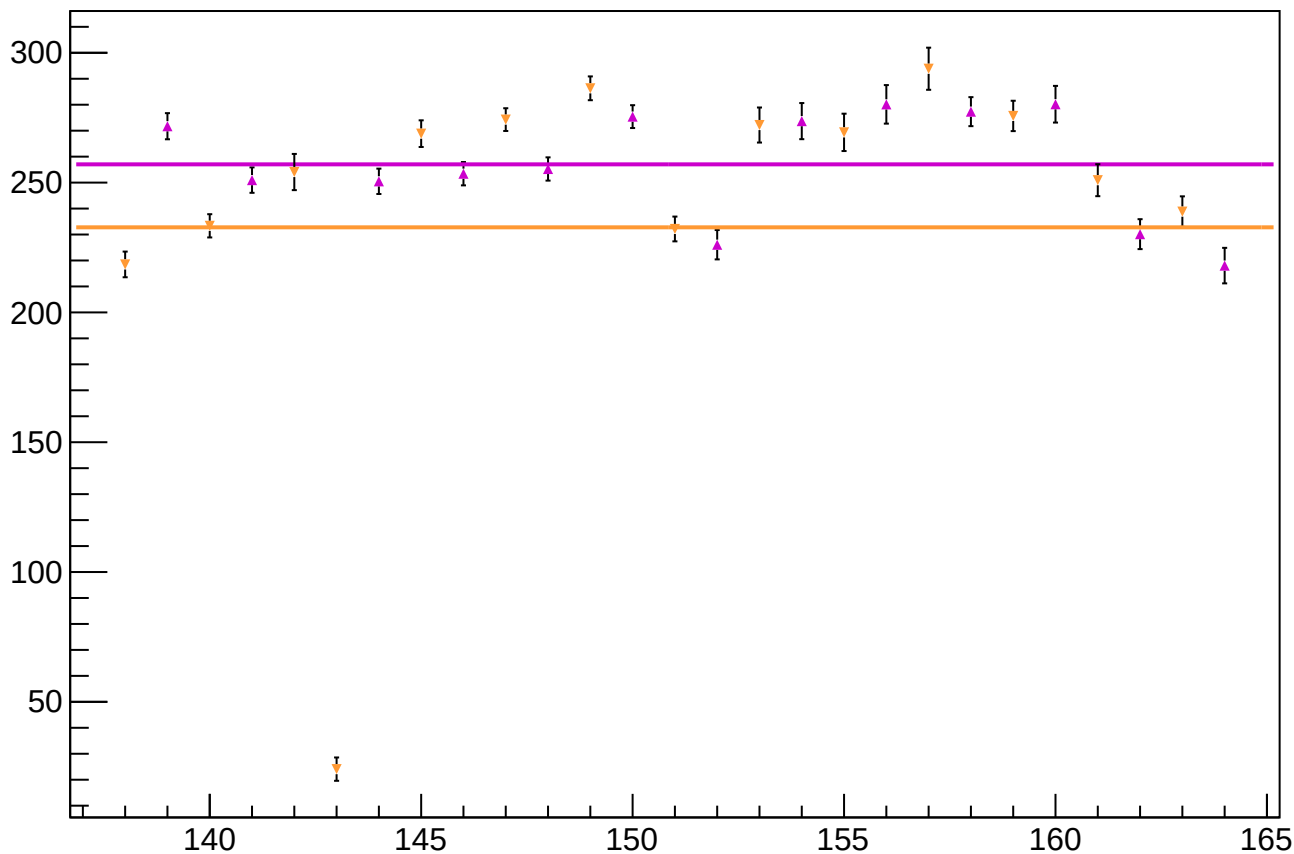
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -106.999+/-0.045 χ^2/NDF : 2525172.1/29

Out: -98.175+/-0.044 χ^2/NDF : 2769184.5/32

All: -102.476+/-0.032 χ^2/NDF : 5313941.8/62

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: 232.771 +/- 1.438 χ^2/NDF : 2632.6/13

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: 257.031 +/- 1.494 χ^2/NDF : 153.7/12

Left: 244.435 +/- 1.036 χ^2/NDF : 2923.2/26

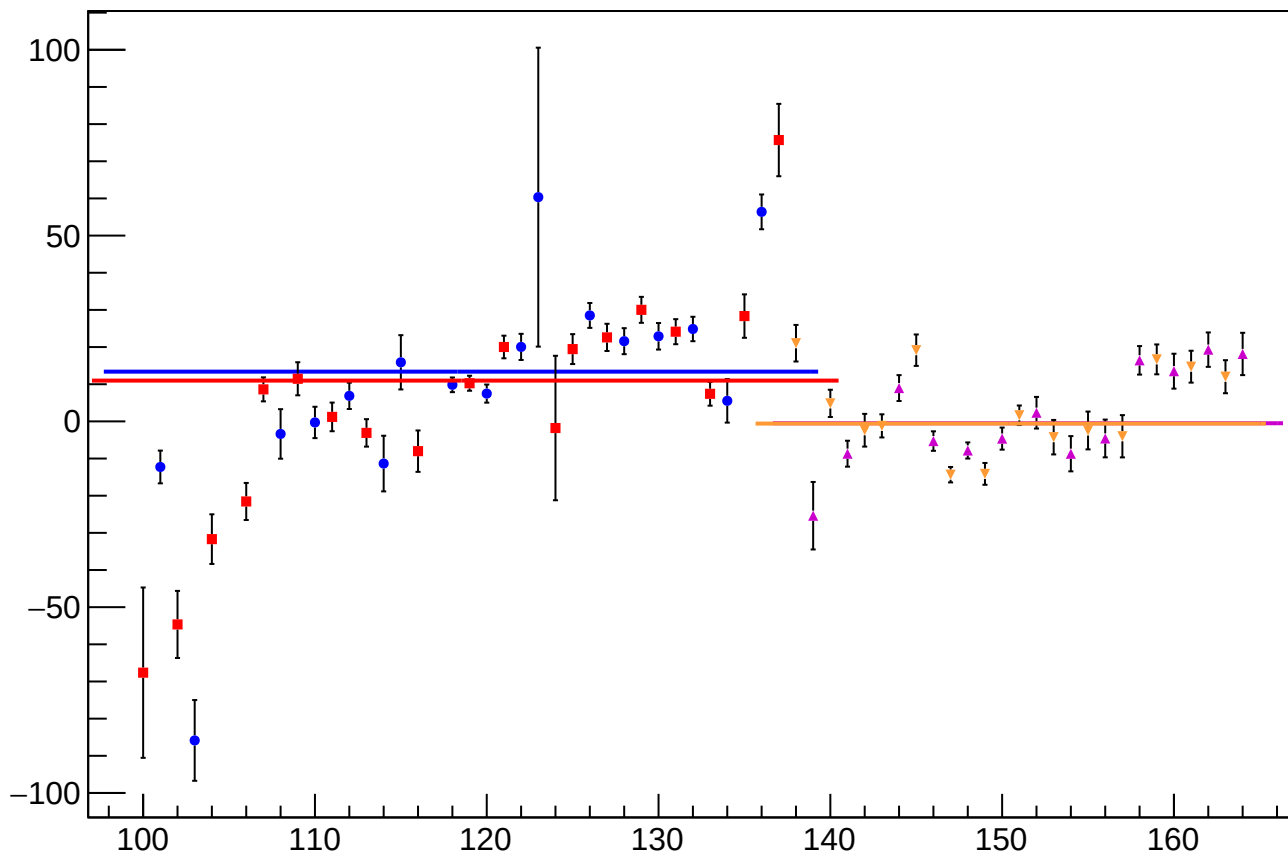
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 257.031 +/- 1.494 χ^2/NDF : 153.7/12

Out: 232.771 +/- 1.438 χ^2/NDF : 2632.6/13

All: 244.435 +/- 1.036 χ^2/NDF : 2923.2/26

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -0.591 ± 0.953 $\chi^2/\text{NDF}: 149.7/13$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -0.499 ± 1.012 $\chi^2/\text{NDF}: 98.6/12$

Left: -0.548 ± 0.694 $\chi^2/\text{NDF}: 248.3/26$

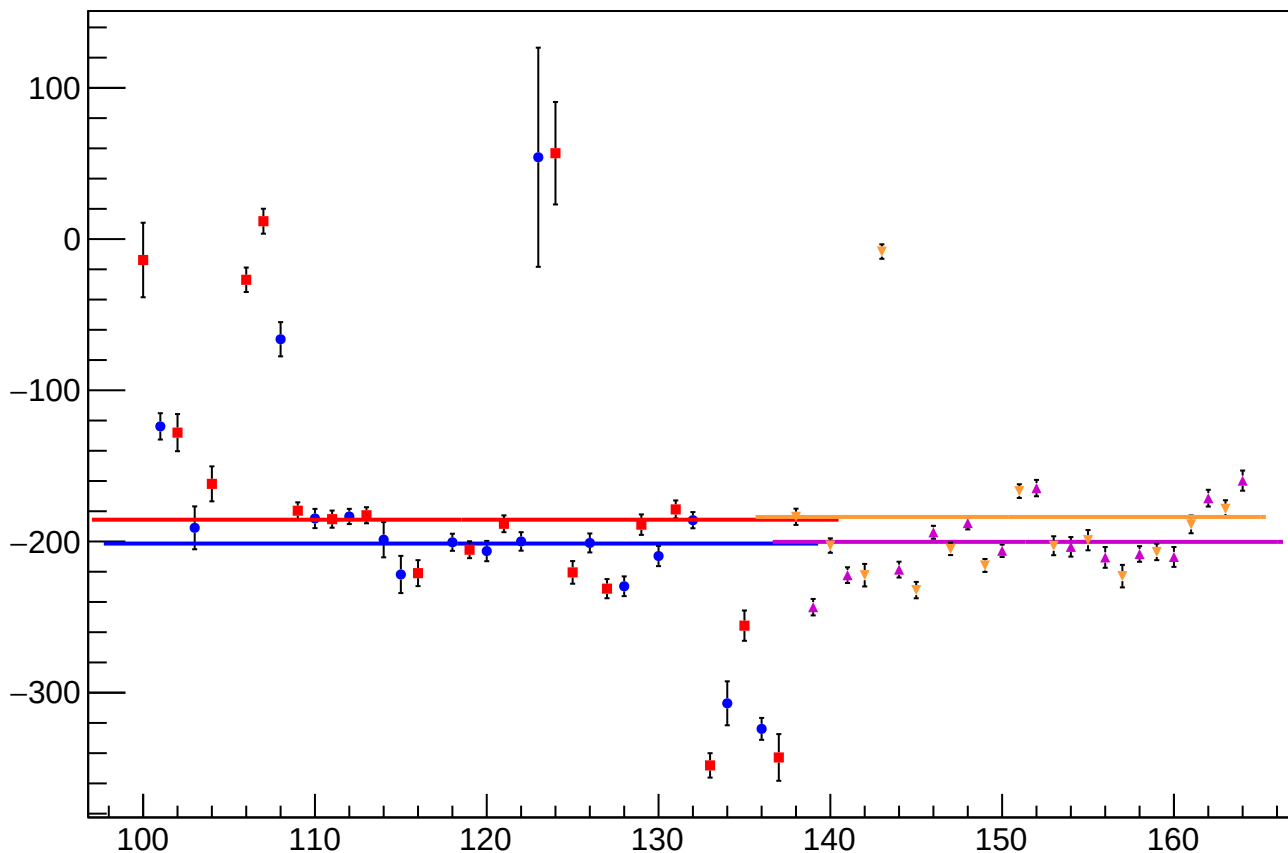
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 7.093 ± 0.681 $\chi^2/\text{NDF}: 495.6/29$

Out: 5.429 ± 0.660 $\chi^2/\text{NDF}: 530.4/32$

All: 6.235 ± 0.474 $\chi^2/\text{NDF}: 1029.1/62$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -183.768 ± 1.419 $\chi^2/\text{NDF}: 1622.8/13$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -200.254 ± 1.455 $\chi^2/\text{NDF}: 220.5/12$

Left: -191.802 ± 1.016 $\chi^2/\text{NDF}: 1909.1/26$

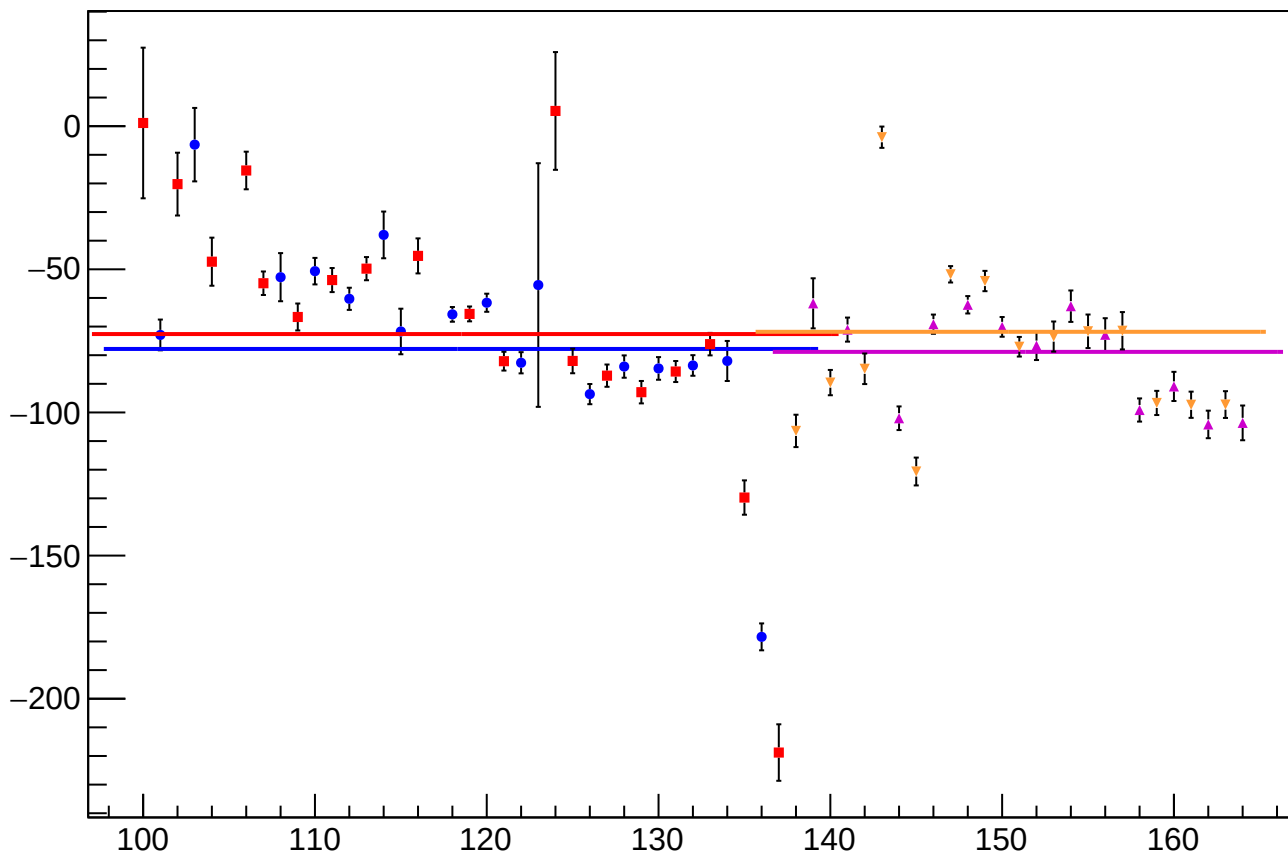
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -200.699 ± 1.128 $\chi^2/\text{NDF}: 845.7/29$

Out: -184.516 ± 1.089 $\chi^2/\text{NDF}: 3371.7/32$

All: -192.327 ± 0.783 $\chi^2/\text{NDF}: 4324.0/62$

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: -71.826 ± 1.149 χ^2/NDF : 665.9/13

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -78.838 ± 1.210 χ^2/NDF : 167.8/12

Left: -75.150 ± 0.834 χ^2/NDF : 851.3/26

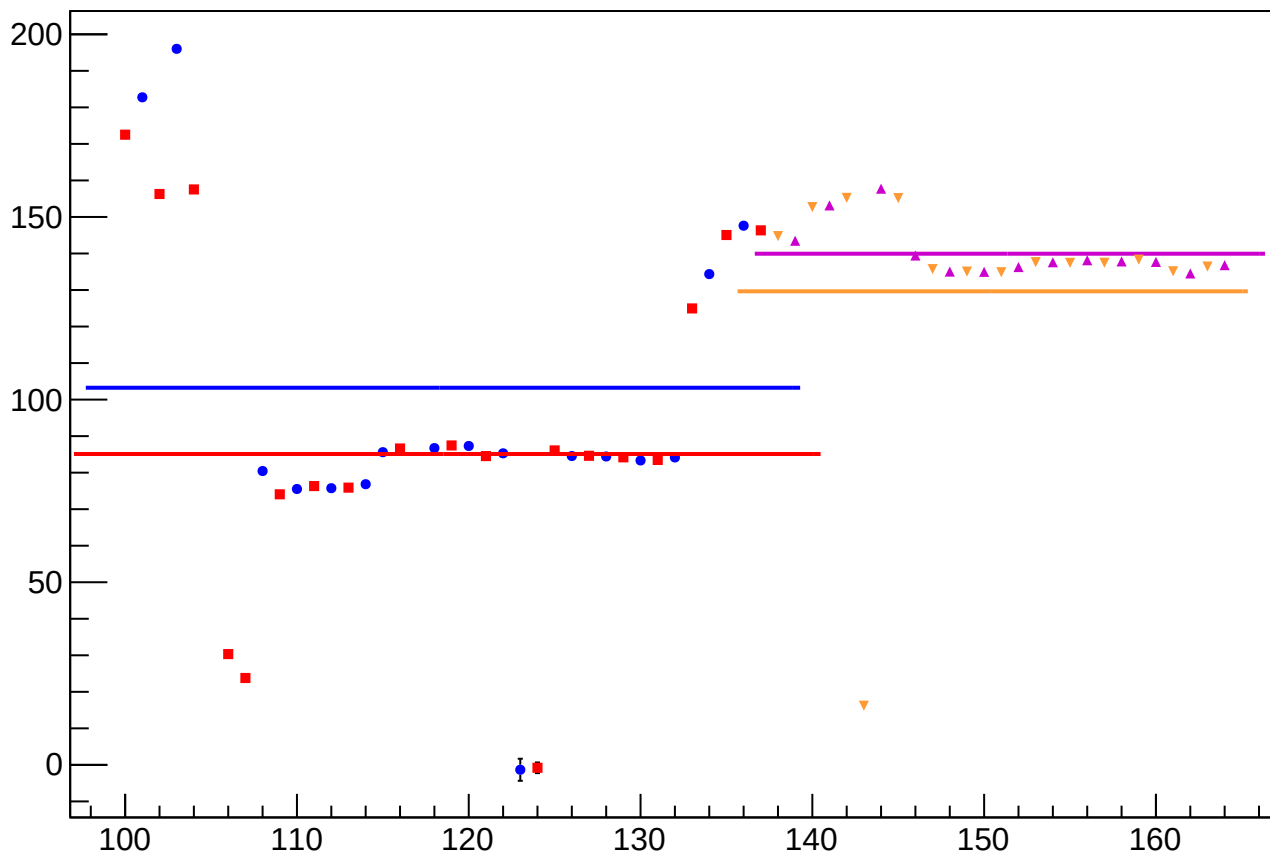
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -78.264 ± 0.801 χ^2/NDF : 824.5/29

Out: -72.255 ± 0.776 χ^2/NDF : 1273.0/32

All: -75.166 ± 0.557 χ^2/NDF : 2126.5/62

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: 129.650 $\pm$ 0.057 χ^2 /NDF: 396476.8/13

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 139.938 $\pm$ 0.058 χ^2 /NDF: 13325.0/12

Left: 134.702 $\pm$ 0.041 χ^2 /NDF: 425829.3/26

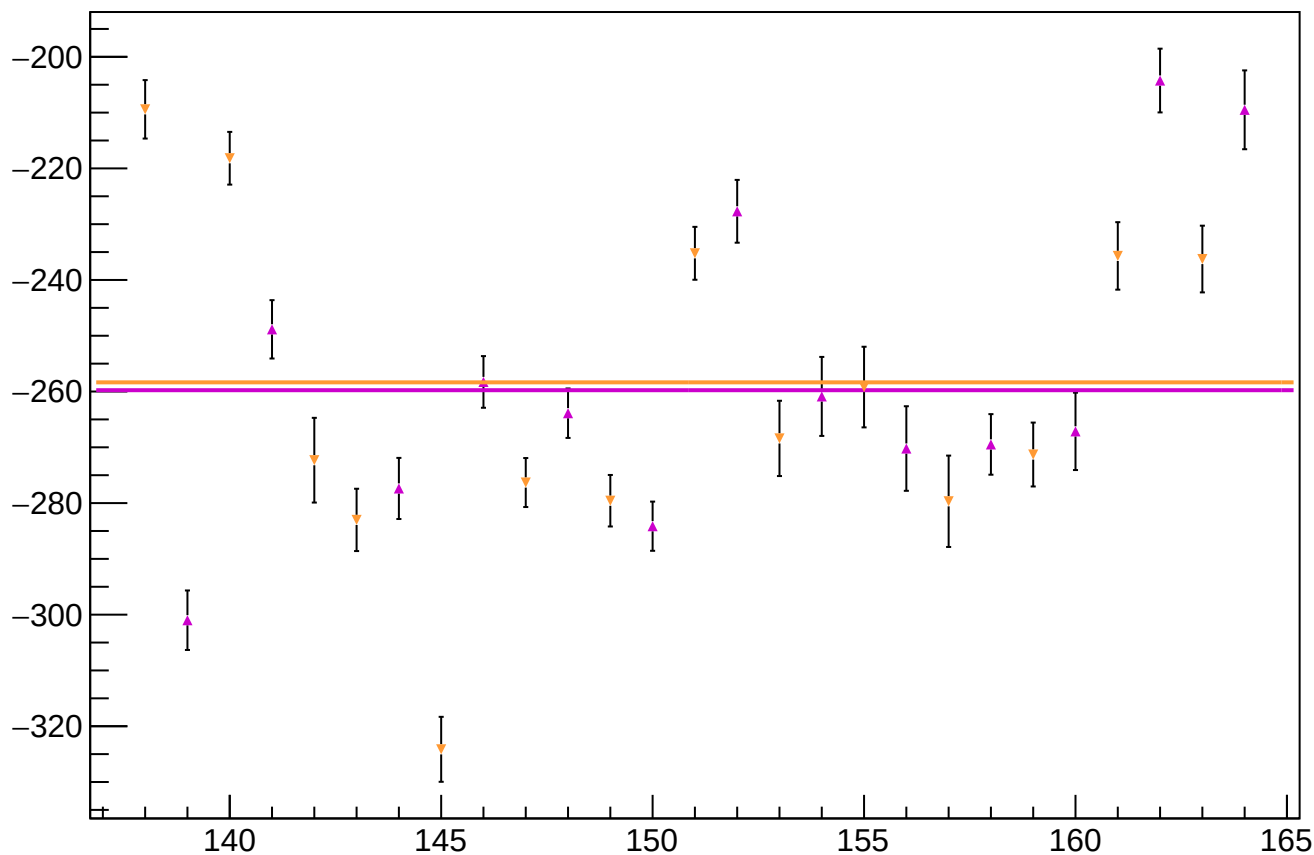
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 125.126 $\pm$ 0.045 χ^2 /NDF: 448414.9/29

Out: 109.868 $\pm$ 0.042 χ^2 /NDF: 1091773.0/32

All: 117.093 $\pm$ 0.031 χ^2 /NDF: 1601348.0/62

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: -258.355+/-1.499 χ^2/NDF : 413.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -259.763+/-1.528 χ^2/NDF : 289.7/12

Left: -259.045+/-1.070 χ^2/NDF : 703.6/26

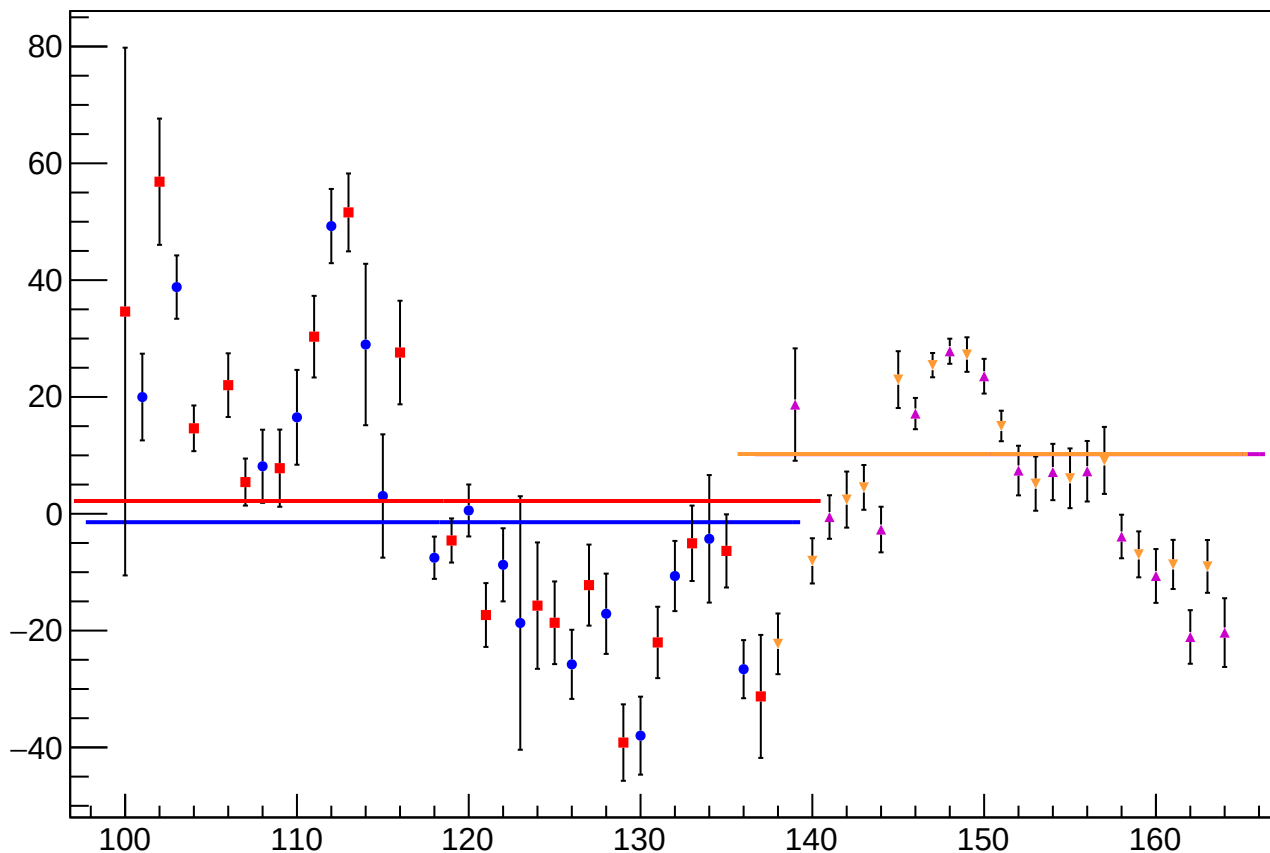
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -259.763+/-1.528 χ^2/NDF : 289.7/12

Out: -258.355+/-1.499 χ^2/NDF : 413.5/13

All: -259.045+/-1.070 χ^2/NDF : 703.6/26

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: 10.235 $\pm$ 0.983 χ^2/NDF : 222.5/13

Right Out: 2.188 $\pm$ 1.400 χ^2/NDF : 230.7/18

Left In: 10.207 $\pm$ 1.027 χ^2/NDF : 223.5/12

Left: 10.221 $\pm$ 0.710 χ^2/NDF : 446.0/26

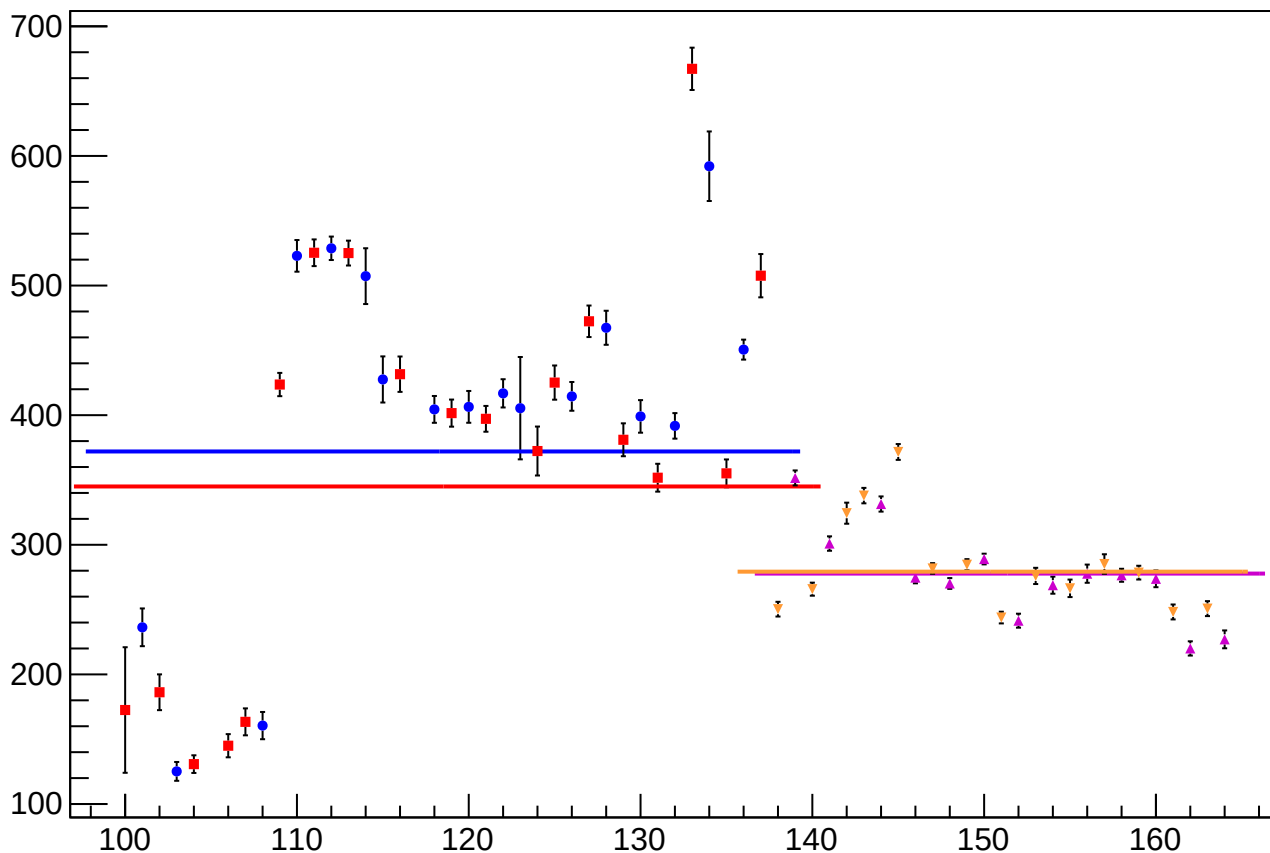
Right: 0.518 $\pm$ 1.029 χ^2/NDF : 458.2/35

In: 6.544 $\pm$ 0.850 χ^2/NDF : 488.4/29

Out: 7.577 $\pm$ 0.805 χ^2/NDF : 475.3/32

All: 7.089 $\pm$ 0.584 χ^2/NDF : 964.4/62

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: 279.264 $\pm$ 1.469 χ^2 /NDF: 510.9/13

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 277.778 $\pm$ 1.482 χ^2 /NDF: 488.1/12

Left: 278.528 $\pm$ 1.043 χ^2 /NDF: 999.5/26

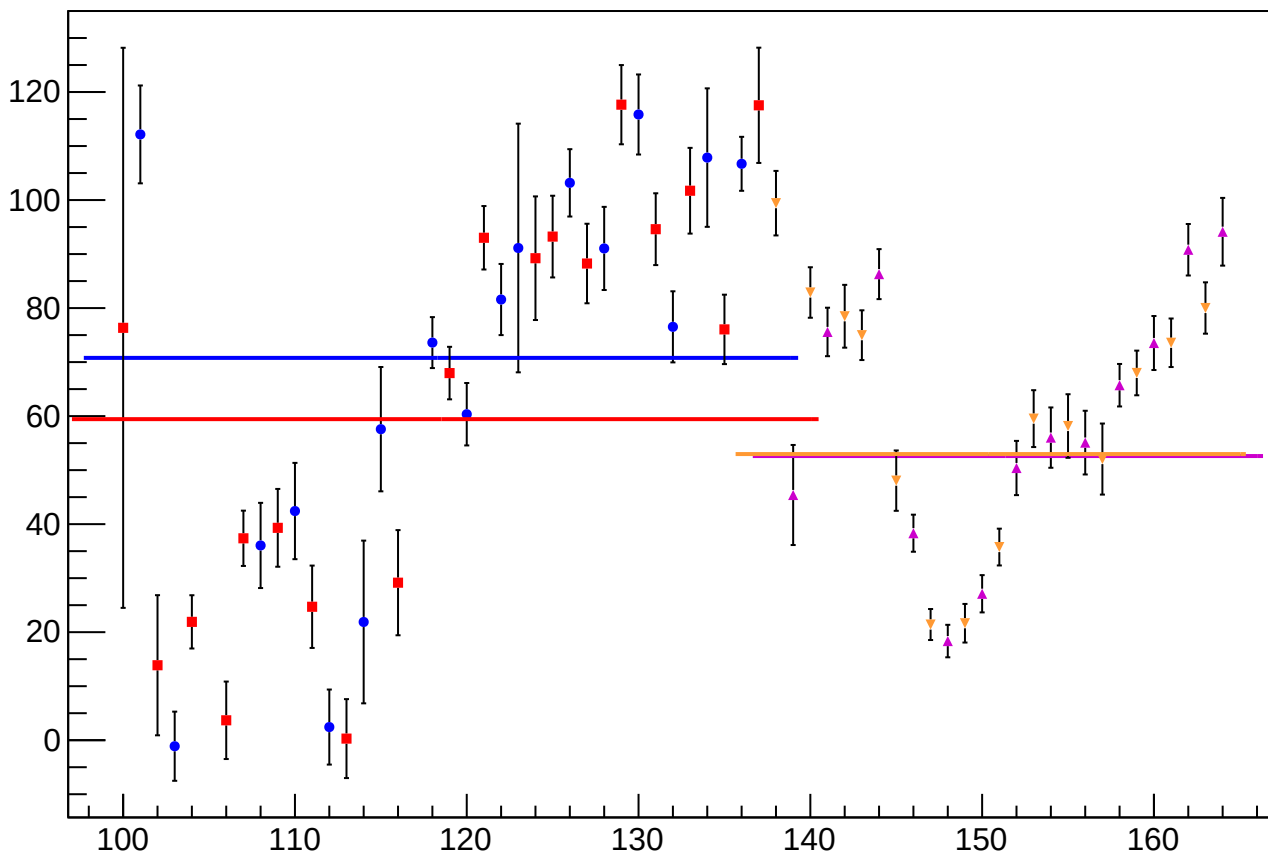
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 298.818 $\pm$ 1.306 χ^2 /NDF: 3821.3/29

Out: 295.537 $\pm$ 1.274 χ^2 /NDF: 4420.9/32

All: 297.137 $\pm$ 0.912 χ^2 /NDF: 8245.5/62

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780+/-1.747 χ^2/NDF : 423.9/16

Left Out: 52.973+/-1.188 χ^2/NDF : 436.5/13

Right Out: 59.438+/-1.631 χ^2/NDF : 486.7/18

Left In: 52.607+/-1.229 χ^2/NDF : 418.9/12

Left: 52.797+/-0.854 χ^2/NDF : 855.4/26

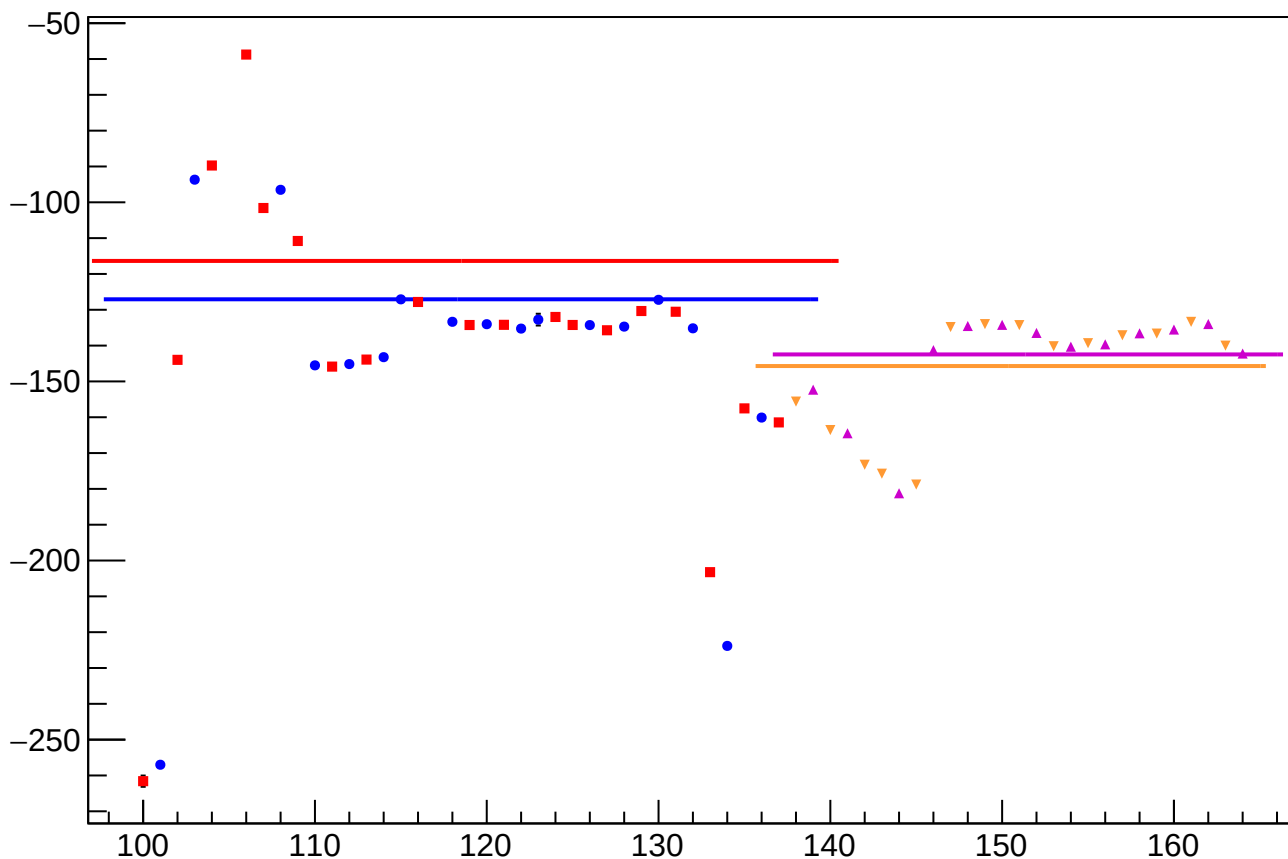
Right: 64.722+/-1.192 χ^2/NDF : 933.1/35

In: 58.626+/-1.005 χ^2/NDF : 915.2/29

Out: 55.213+/-0.960 χ^2/NDF : 933.5/32

All: 56.841+/-0.694 χ^2/NDF : 1854.7/62

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 $\pm$ 0.090 χ^2 /NDF: 167028.9/16

Left Out: -145.708 $\pm$ 0.059 χ^2 /NDF: 69243.2/13

Right Out: -116.365 $\pm$ 0.083 χ^2 /NDF: 167555.3/18

Left In: -142.466 $\pm$ 0.059 χ^2 /NDF: 43453.4/12

Left: -144.088 $\pm$ 0.042 χ^2 /NDF: 114208.2/26

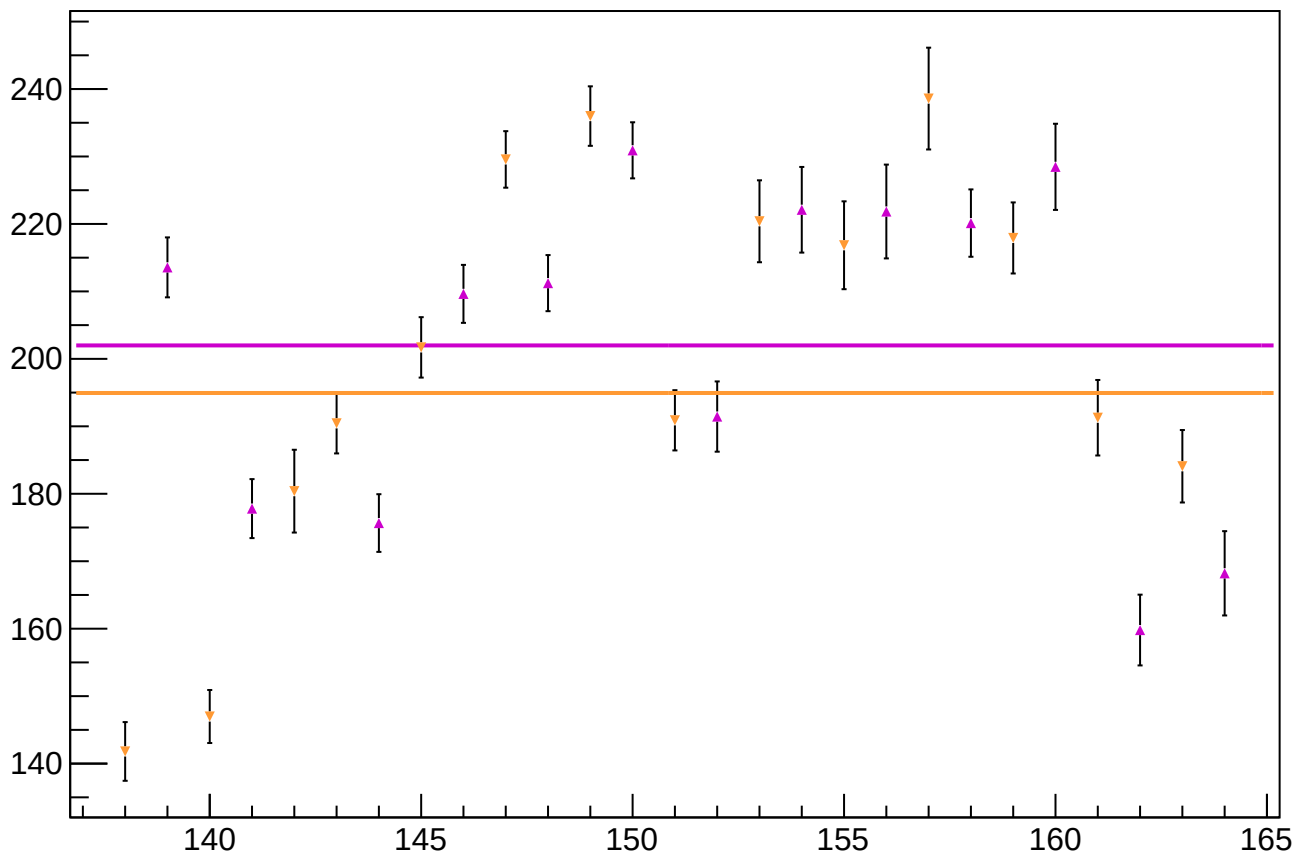
Right: -121.310 $\pm$ 0.061 χ^2 /NDF: 342291.2/35

In: -137.808 $\pm$ 0.049 χ^2 /NDF: 231088.0/29

Out: -135.851 $\pm$ 0.048 χ^2 /NDF: 319998.9/32

All: -136.805 $\pm$ 0.034 χ^2 /NDF: 551895.4/62

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: 194.941+/-1.320 χ^2/NDF : 548.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 201.992+/-1.365 χ^2/NDF : 278.4/12

Left: 198.348+/-0.949 χ^2/NDF : 840.7/26

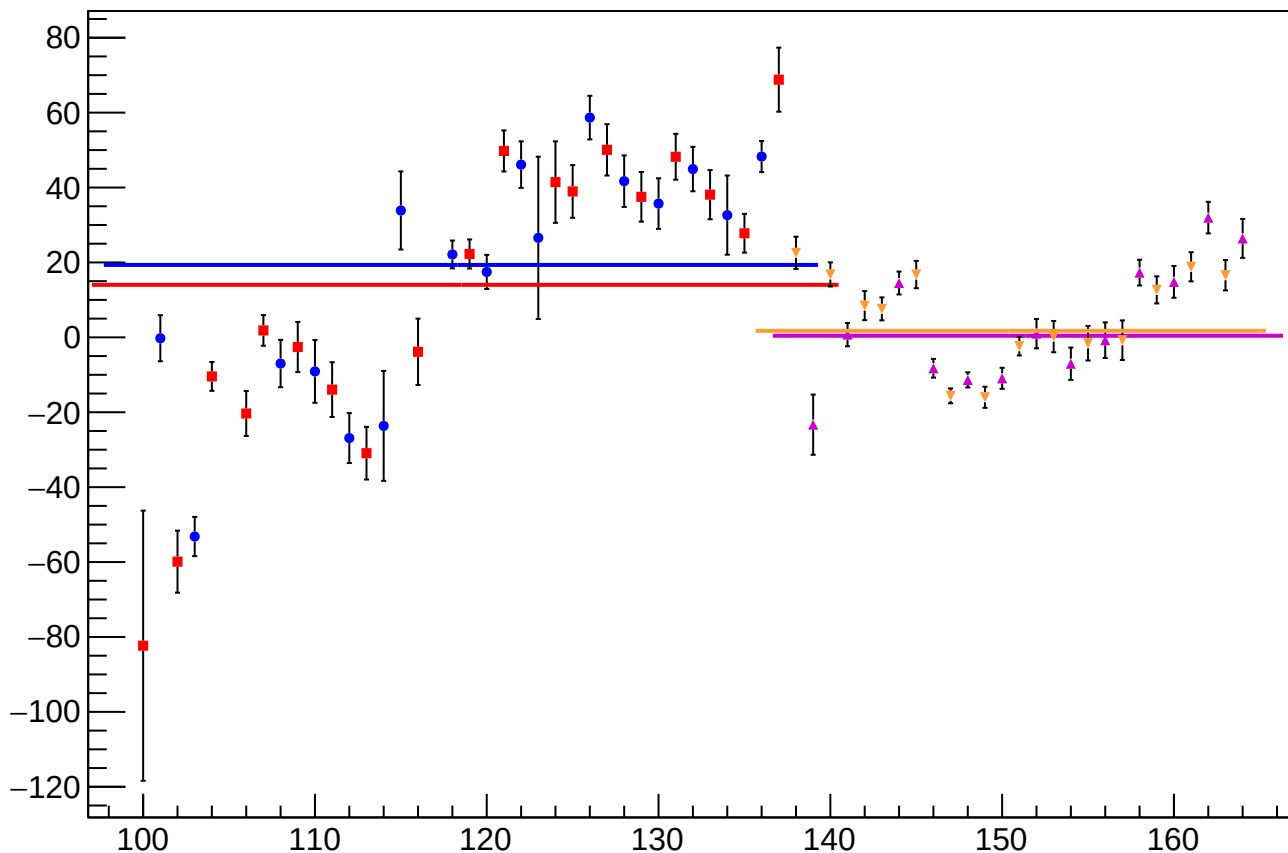
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 201.992+/-1.365 χ^2/NDF : 278.4/12

Out: 194.941+/-1.320 χ^2/NDF : 548.5/13

All: 198.348+/-0.949 χ^2/NDF : 840.7/26

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: 1.744 ± 0.883 $\chi^2/\text{NDF}: 230.1/13$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 0.424 ± 0.931 $\chi^2/\text{NDF}: 212.3/12$

Left: 1.118 ± 0.640 $\chi^2/\text{NDF}: 443.5/26$

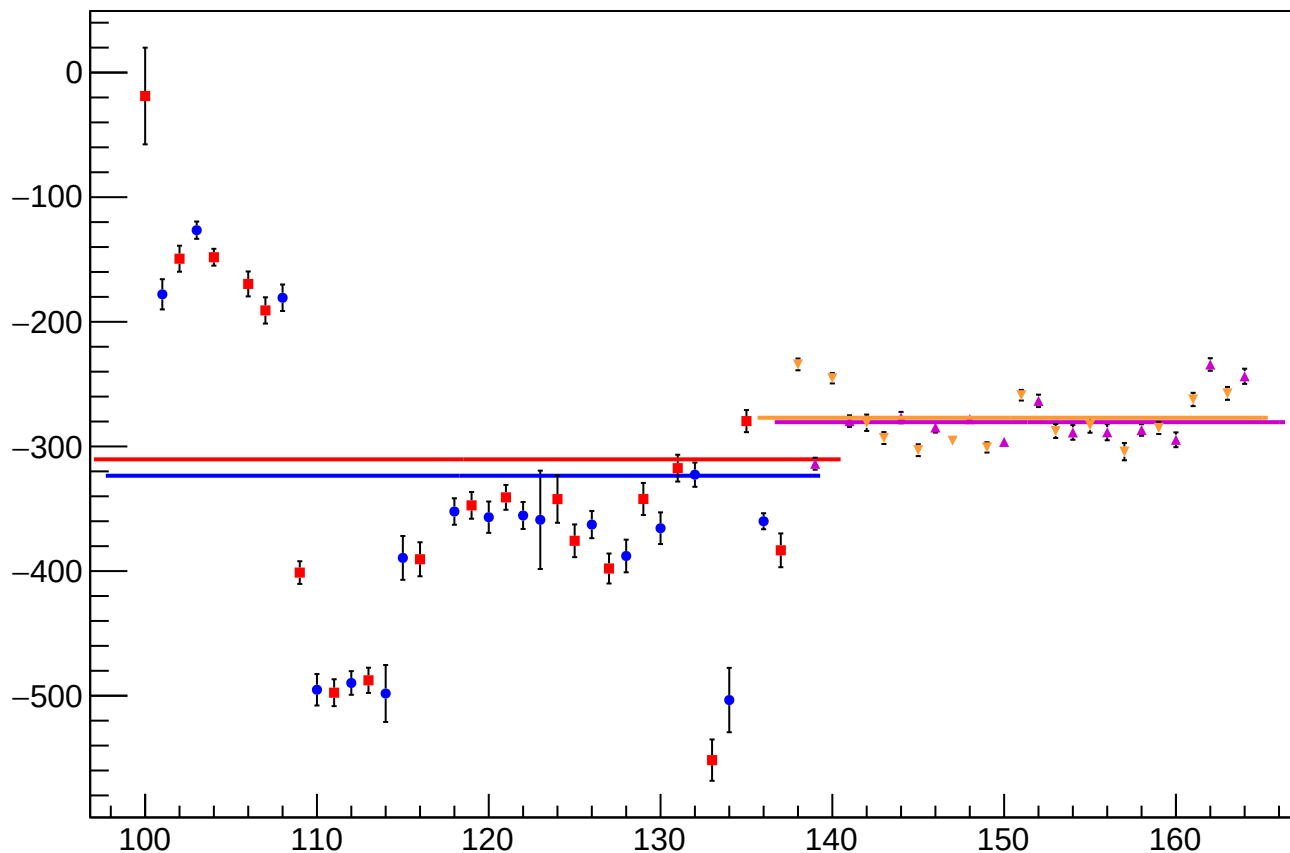
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 5.771 ± 0.788 $\chi^2/\text{NDF}: 768.9/29$

Out: 5.270 ± 0.745 $\chi^2/\text{NDF}: 718.9/32$

All: 5.507 ± 0.541 $\chi^2/\text{NDF}: 1488.0/62$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -276.964 ± 1.306 $\chi^2/\text{NDF}: 299.9/13$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -280.514 ± 1.333 $\chi^2/\text{NDF}: 210.1/12$

Left: -278.703 ± 0.933 $\chi^2/\text{NDF}: 513.6/26$

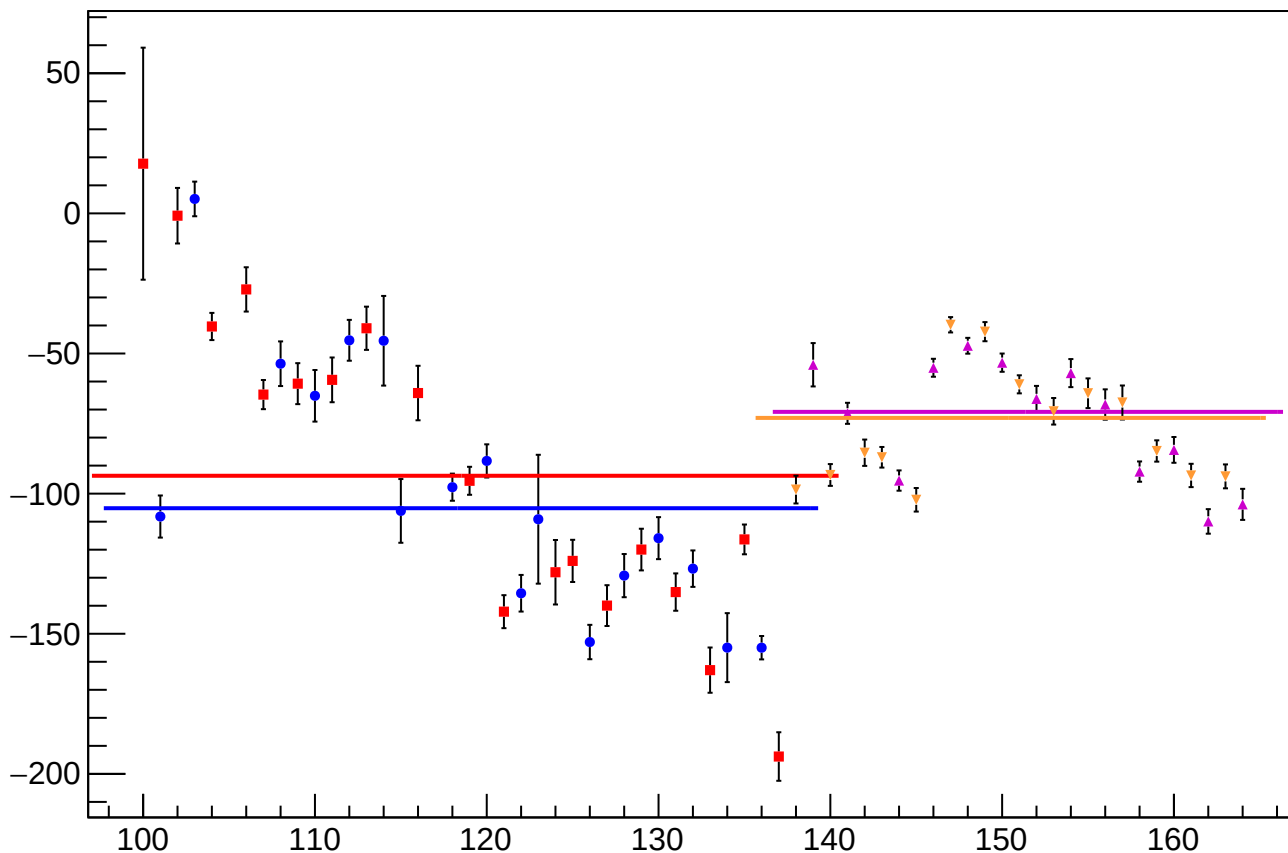
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -289.071 ± 1.193 $\chi^2/\text{NDF}: 2264.7/29$

Out: -284.018 ± 1.159 $\chi^2/\text{NDF}: 2738.5/32$

All: -286.473 ± 0.831 $\chi^2/\text{NDF}: 5012.5/62$

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: -72.978 ± 1.062 χ^2/NDF : 428.1/13

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -70.821 ± 1.111 χ^2/NDF : 341.1/12

Left: -71.948 ± 0.767 χ^2/NDF : 771.3/26

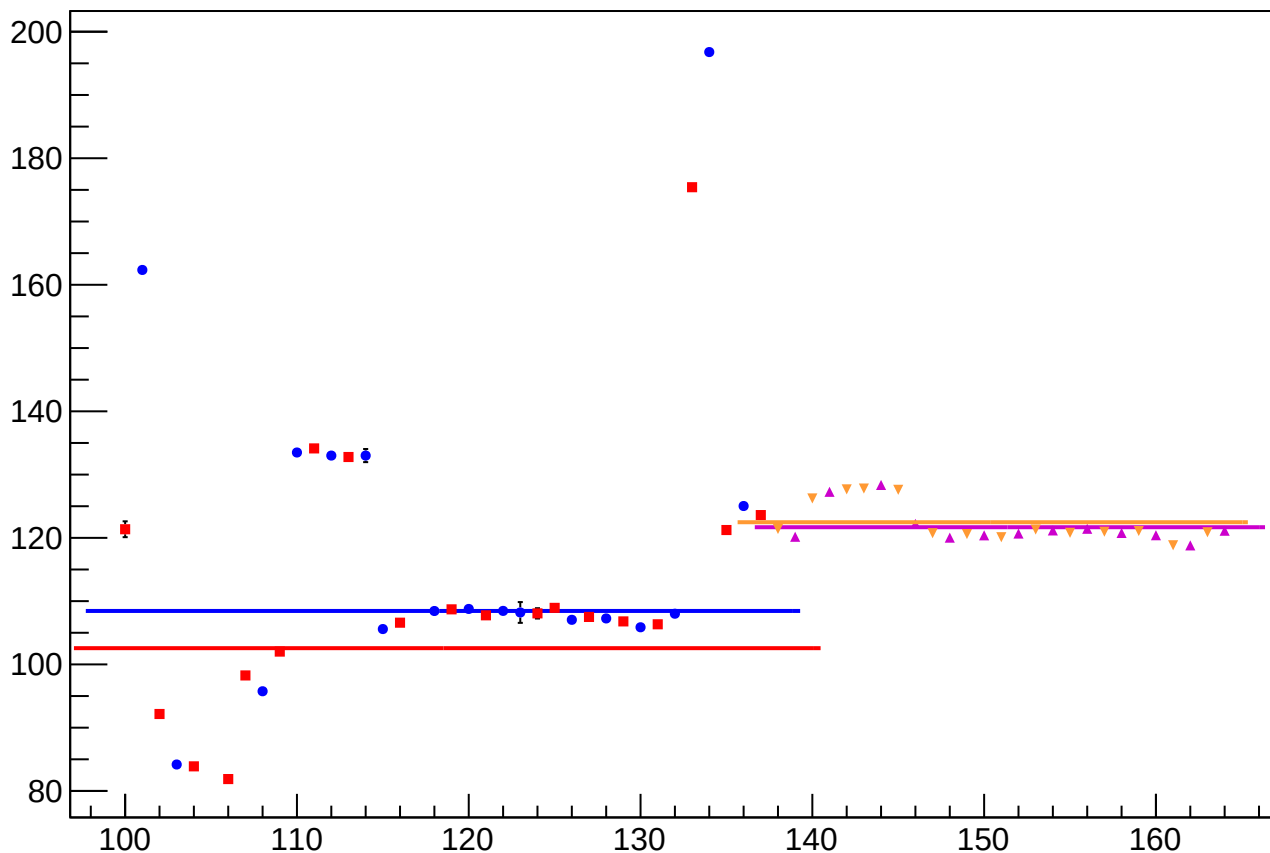
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -81.136 ± 0.929 χ^2/NDF : 1364.2/29

Out: -79.234 ± 0.886 χ^2/NDF : 1365.4/32

All: -80.140 ± 0.641 χ^2/NDF : 2731.8/62

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: 122.471 $\pm$ 0.052 χ^2 /NDF:3326.4/13

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.682 $\pm$ 0.053 χ^2 /NDF:2557.5/12

Left: 122.082 $\pm$ 0.037 χ^2 /NDF: 5996.2/26

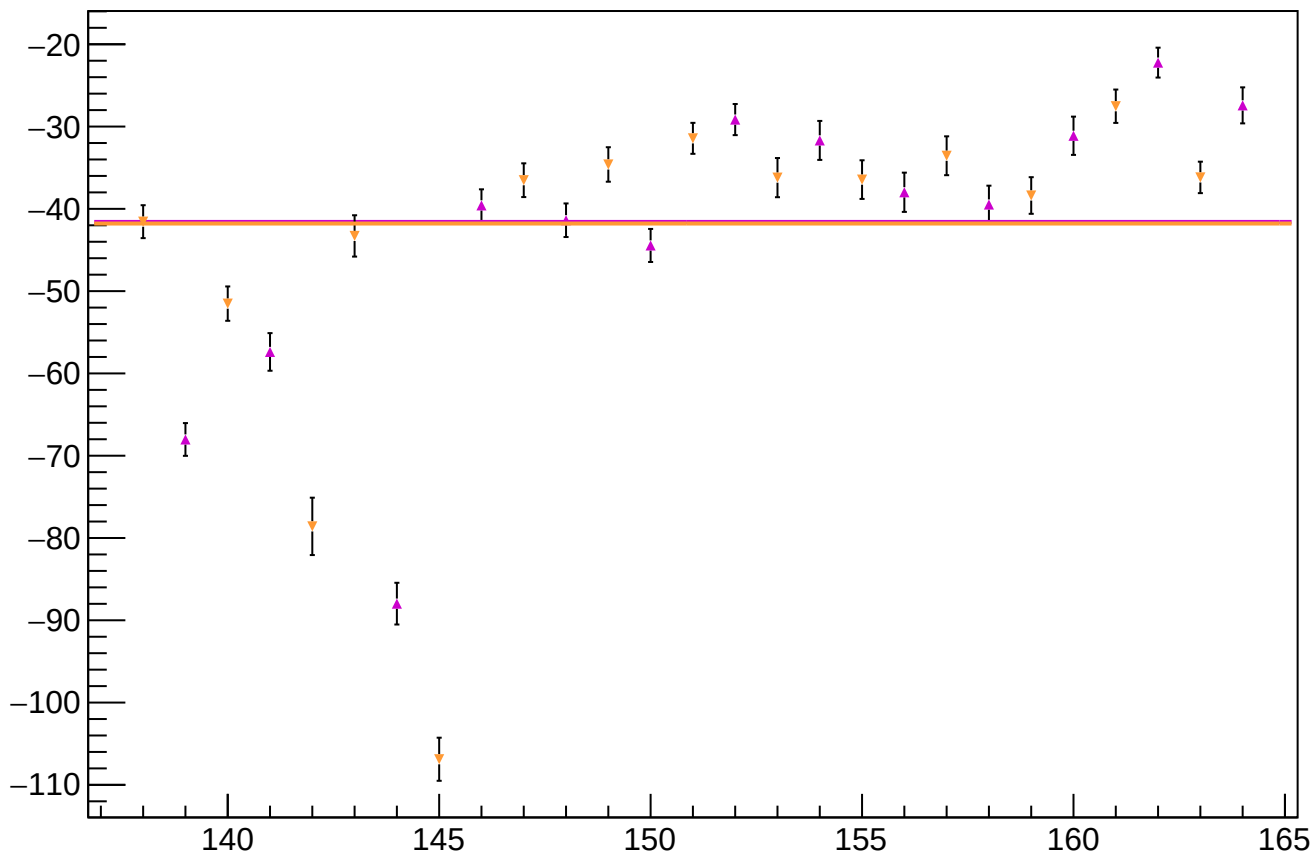
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 117.967 $\pm$ 0.045 χ^2 /NDF:93343.8/29

Out: 116.454 $\pm$ 0.044 χ^2 /NDF:100266.5/32

All: 117.189 $\pm$ 0.031 χ^2 /NDF: 194193.0/62

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



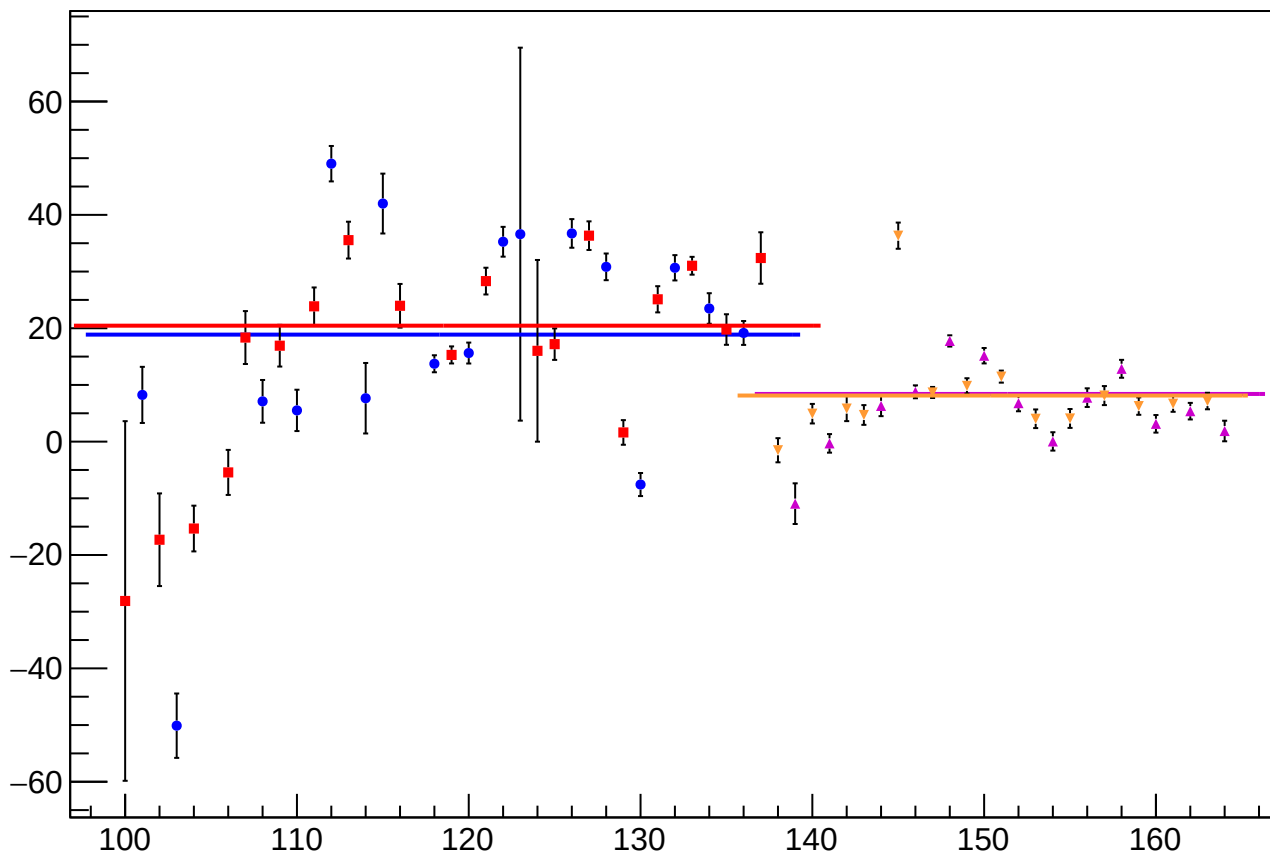
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.786+/-0.590 χ^2/NDF :883.3/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.590+/-0.590 χ^2/NDF :801.7/12

Left: -41.688+/-0.417 χ^2/NDF : 1685.0/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.590+/-0.590 χ^2/NDF :801.7/12
 Out: -41.786+/-0.590 χ^2/NDF :883.3/13

All: -41.688+/-0.417 χ^2/NDF : 1685.0/26

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.131 $\pm$ 0.400 χ^2 /NDF:204.7/13

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 8.409 $\pm$ 0.411 χ^2 /NDF:237.1/12

Left: 8.266 $\pm$ 0.287 χ^2 /NDF: 442.0/26

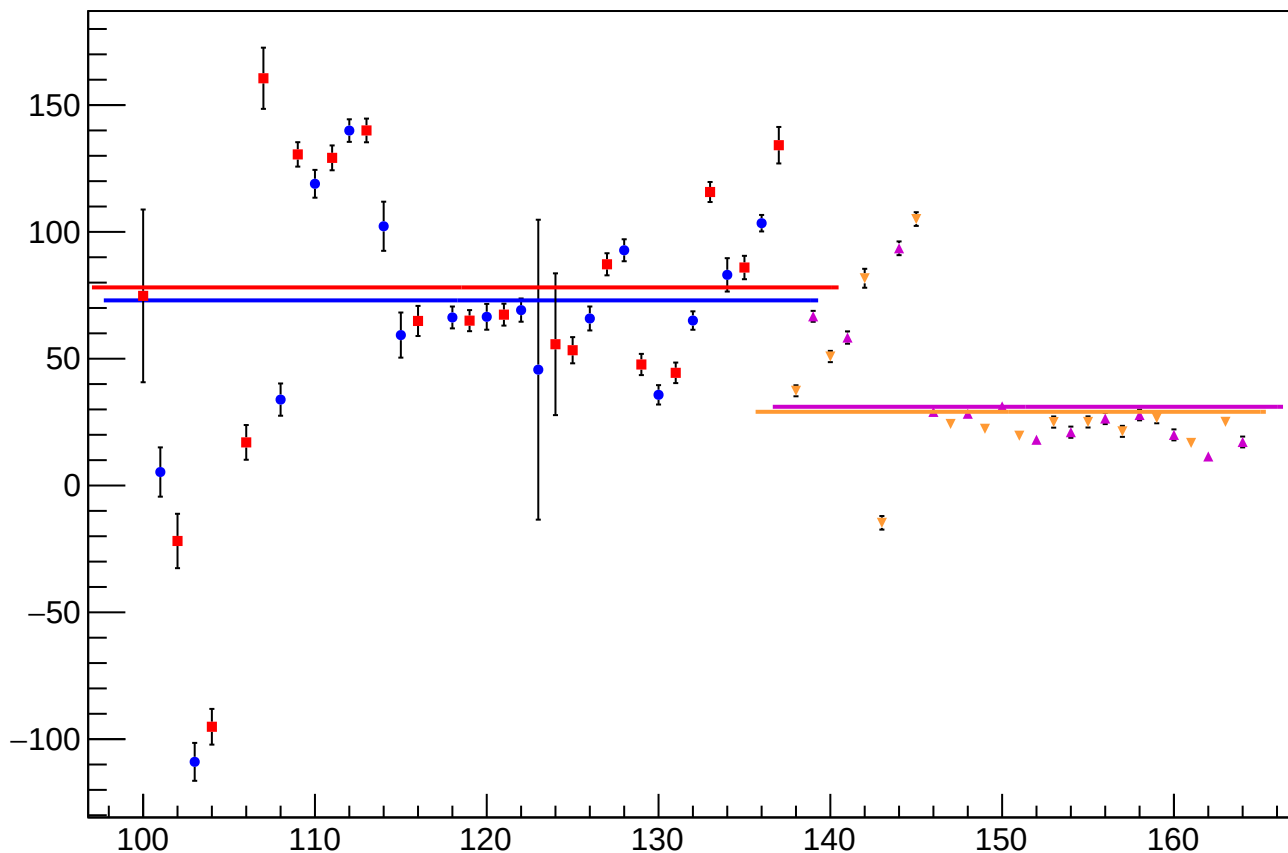
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 11.440 $\pm$ 0.347 χ^2 /NDF:1045.1/29

Out: 11.572 $\pm$ 0.340 χ^2 /NDF:833.8/32

All: 11.507 $\pm$ 0.243 χ^2 /NDF: 1879.0/62

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: 29.067 $\pm$ 0.575 χ^2 /NDF:1477.4/13

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 31.044 $\pm$ 0.571 χ^2 /NDF:1207.4/12

Left: 30.062 $\pm$ 0.405 χ^2 /NDF: 2690.7/26

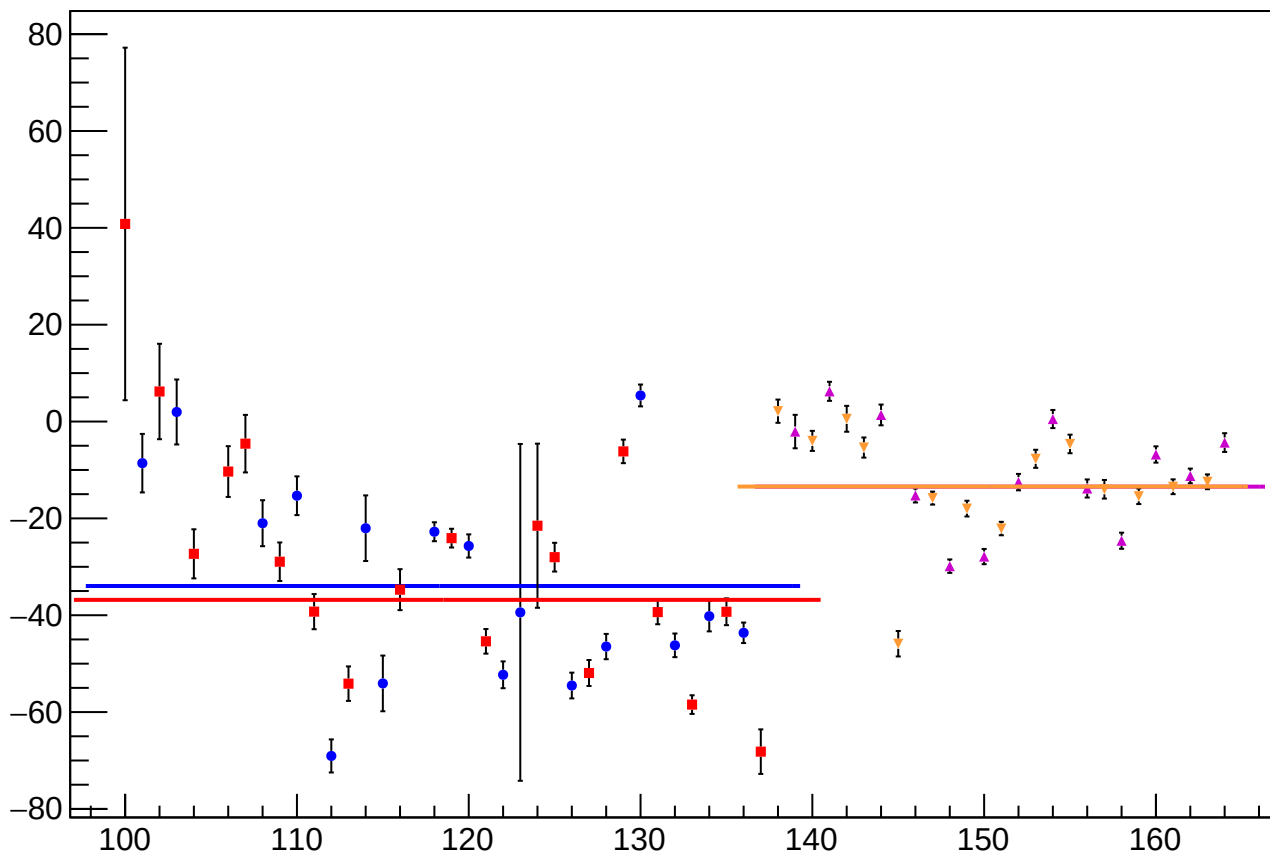
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 38.488 $\pm$ 0.518 χ^2 /NDF:3369.5/29

Out: 37.948 $\pm$ 0.520 χ^2 /NDF:4341.2/32

All: 38.219 $\pm$ 0.367 χ^2 /NDF: 7711.3/62

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: -13.425 ± 0.474 χ^2/NDF : 340.0/13

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.446 ± 0.483 χ^2/NDF : 525.2/12

Left: -13.436 ± 0.338 χ^2/NDF : 865.2/26

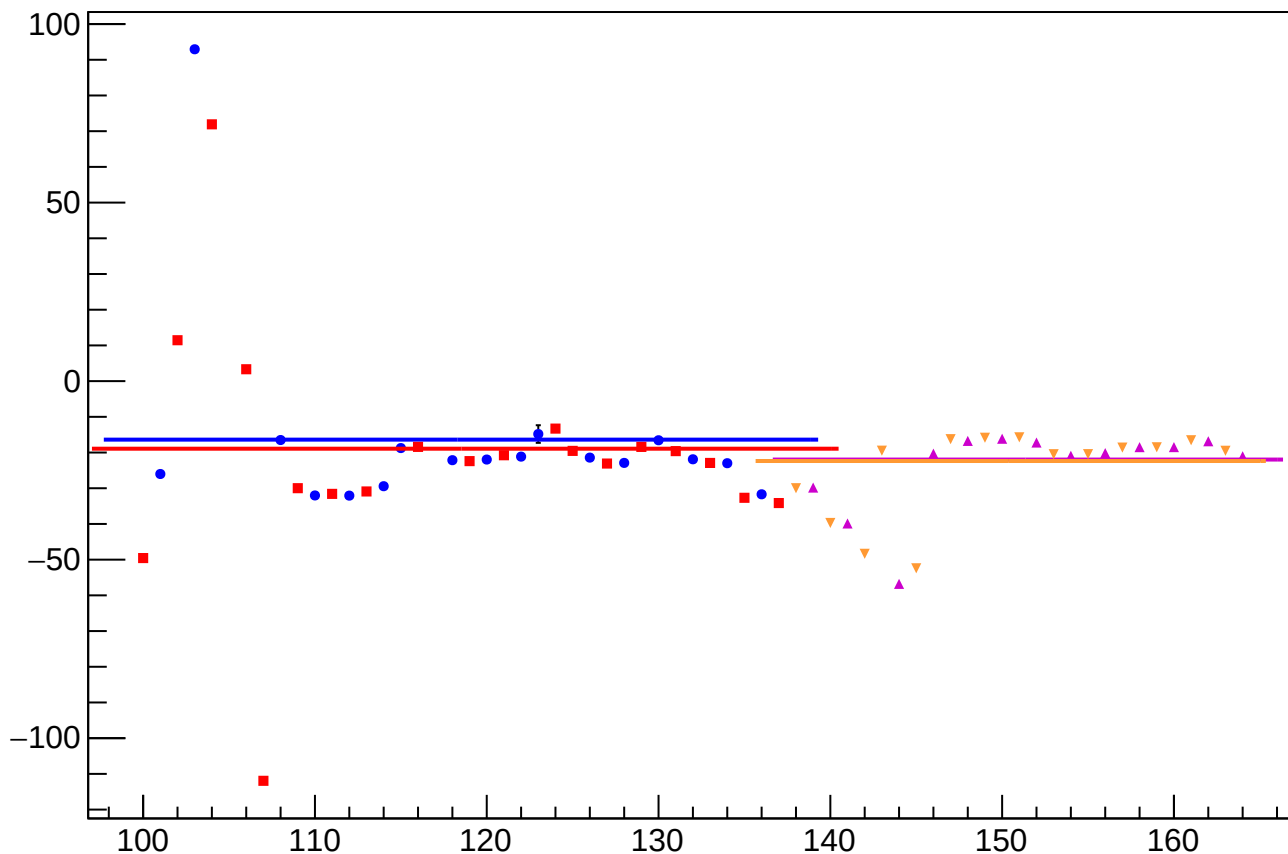
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.604 ± 0.404 χ^2/NDF : 1788.8/29

Out: -20.277 ± 0.399 χ^2/NDF : 1593.1/32

All: -19.945 ± 0.284 χ^2/NDF : 3383.3/62

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: -22.372 ± 0.023 $\chi^2/\text{NDF}: 182119.3/13$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -21.967 ± 0.022 $\chi^2/\text{NDF}: 154244.2/12$

Left: -22.168 ± 0.016 $\chi^2/\text{NDF}: 336526.6/26$

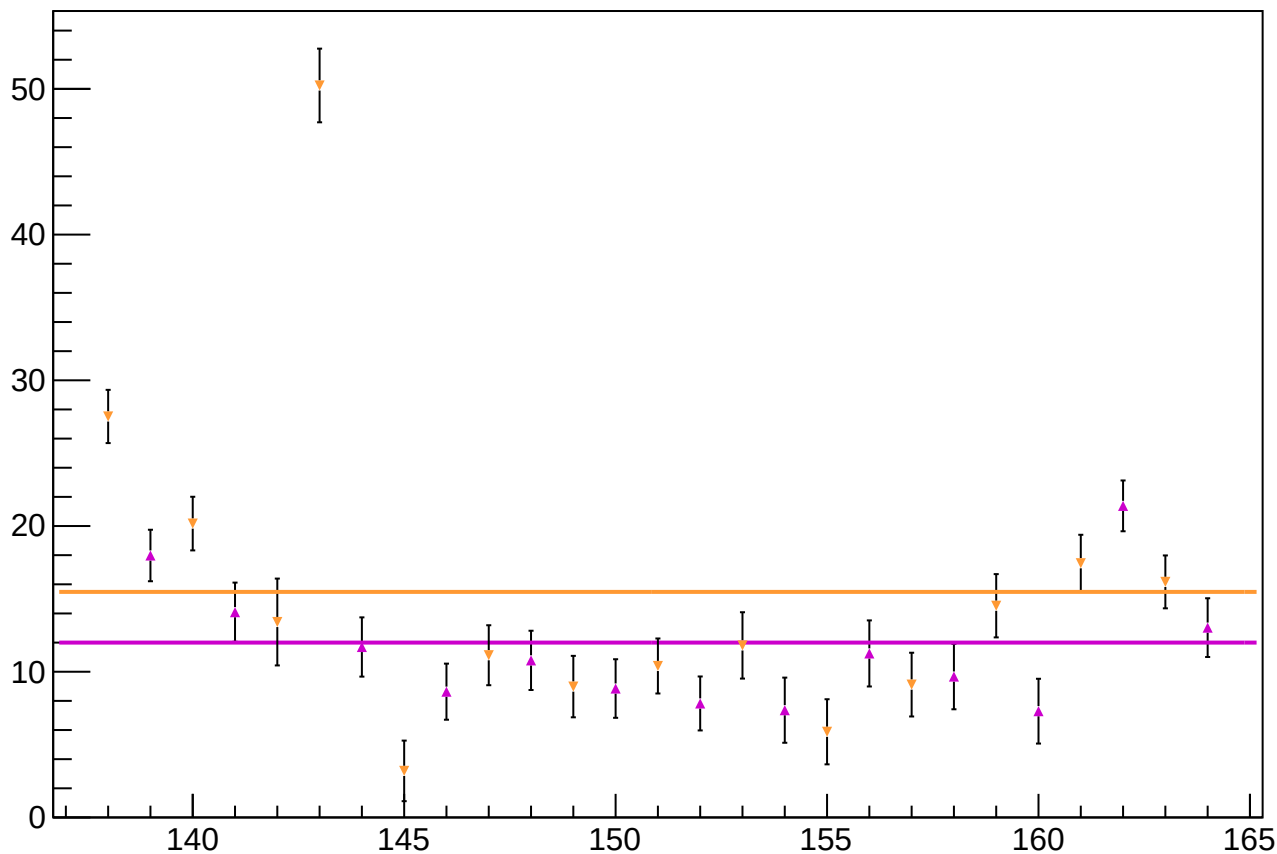
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.841 ± 0.020 $\chi^2/\text{NDF}: 641117.0/29$

Out: -21.689 ± 0.020 $\chi^2/\text{NDF}: 620918.2/32$

All: -21.261 ± 0.014 $\chi^2/\text{NDF}: 1262927.5/62$

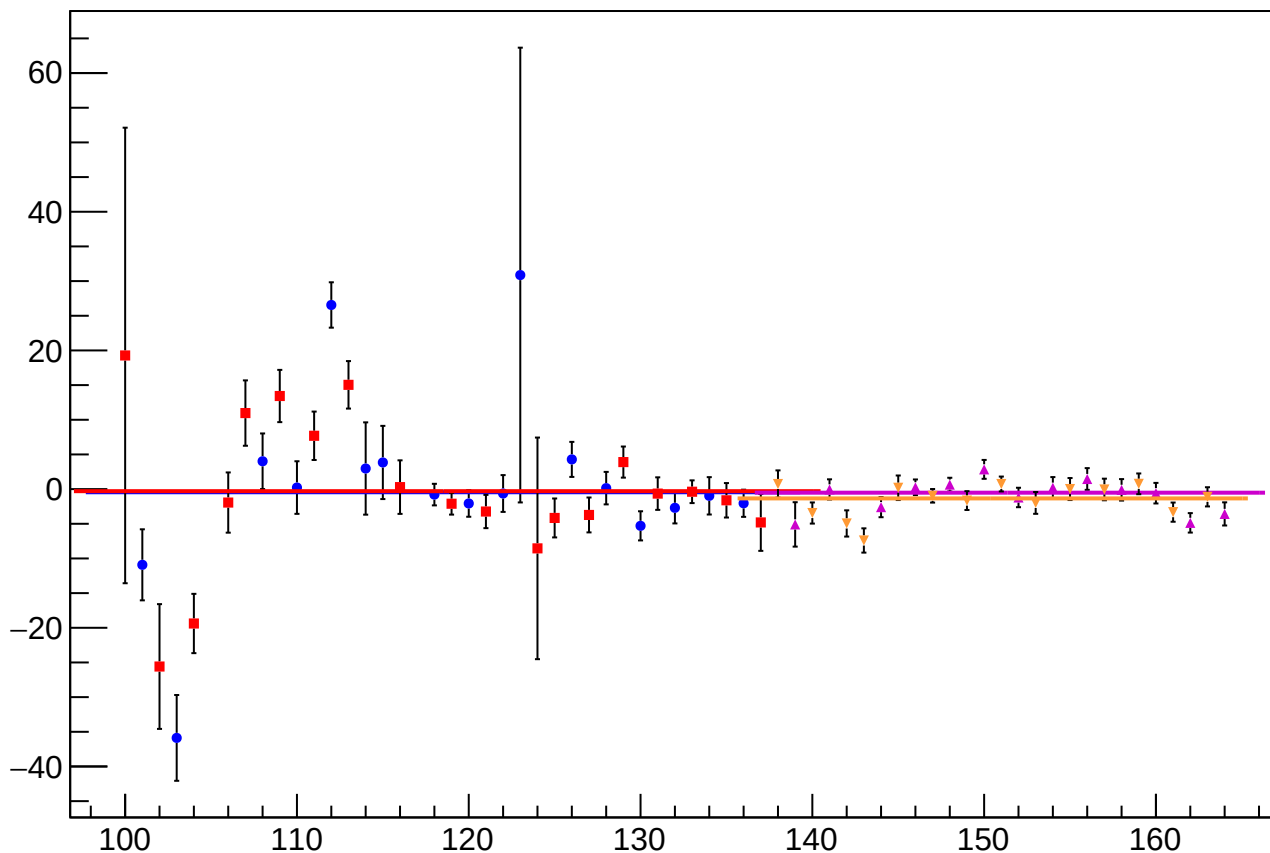
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 15.479 ± 0.558 $\chi^2/\text{NDF}: 326.4/13$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 12.000 ± 0.557 $\chi^2/\text{NDF}: 62.7/12$

Left: 13.737 ± 0.394 $\chi^2/\text{NDF}: 408.6/26$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 12.000 ± 0.557 $\chi^2/\text{NDF}: 62.7/12$
 Out: 15.479 ± 0.558 $\chi^2/\text{NDF}: 326.4/13$
 All: 13.737 ± 0.394 $\chi^2/\text{NDF}: 408.6/26$

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: -1.342 ± 0.384 χ^2/NDF : 29.0/13

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.516 ± 0.393 χ^2/NDF : 27.3/12

Left: -0.939 ± 0.275 χ^2/NDF : 58.5/26

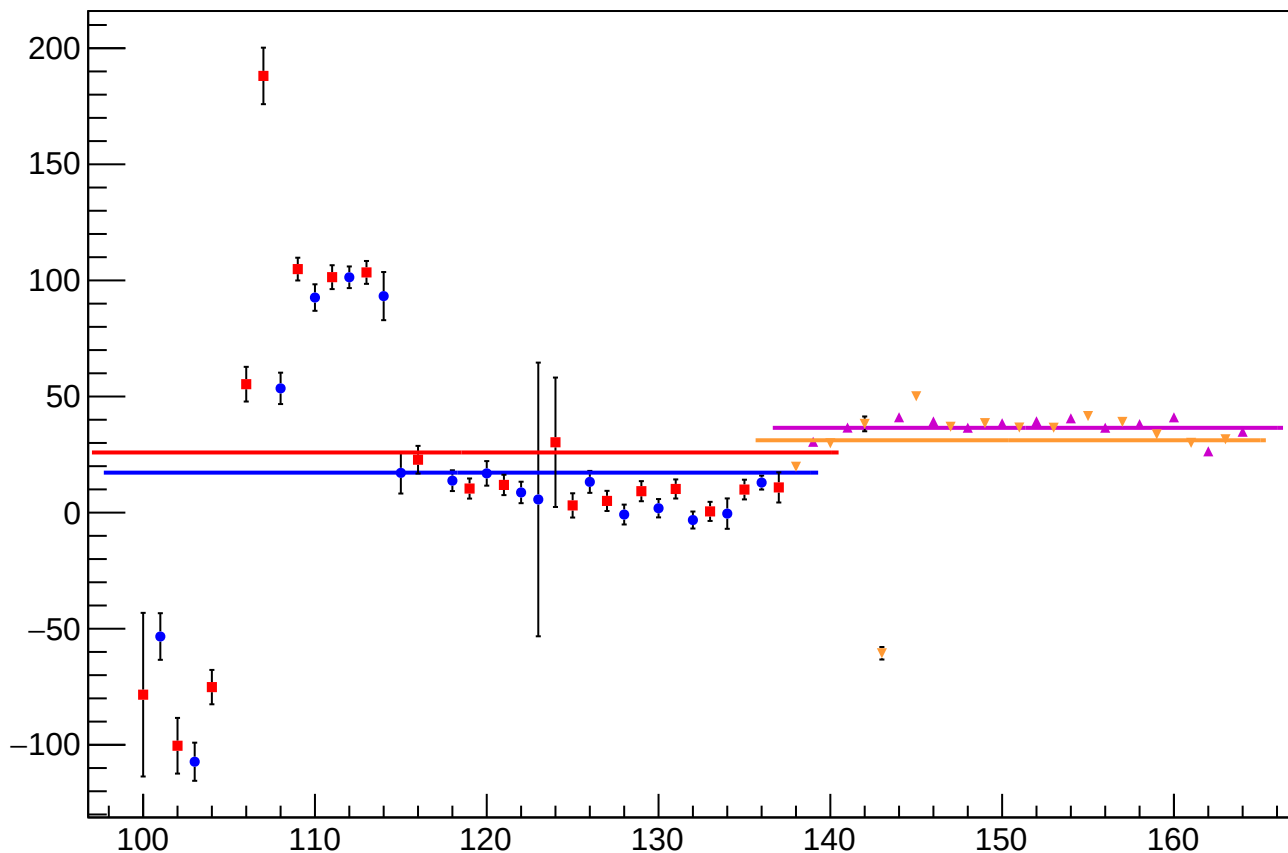
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.499 ± 0.337 χ^2/NDF : 146.8/29

Out: -1.076 ± 0.332 χ^2/NDF : 115.4/32

All: -0.792 ± 0.236 χ^2/NDF : 263.7/62

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2/NDF : 940.1/16

Left Out: 31.155 $\pm$ 0.546 χ^2/NDF :1352.5/13

Right Out: 25.902 $\pm$ 1.243 χ^2/NDF : 1374.8/18

Left In: 36.514 $\pm$ 0.542 χ^2/NDF :66.6/12

Left: 33.856 $\pm$ 0.384 χ^2/NDF : 1467.6/26

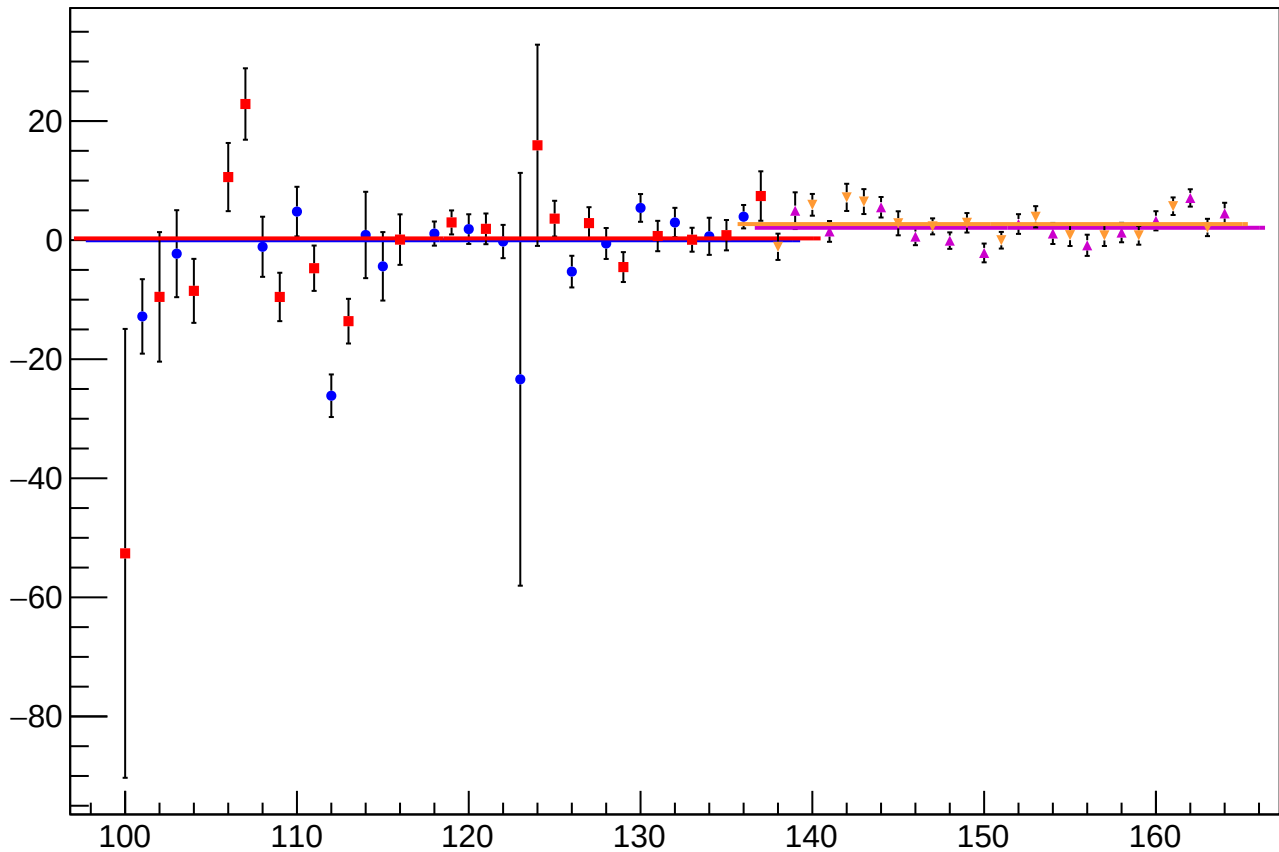
Right: 21.552 $\pm$ 0.878 χ^2/NDF : 2339.3/35

In: 33.427 $\pm$ 0.496 χ^2/NDF :1209.8/29

Out: 30.306 $\pm$ 0.500 χ^2/NDF :2742.2/32

All: 31.877 $\pm$ 0.352 χ^2/NDF : 3971.6/62

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: 2.696 ± 0.453 χ^2/NDF : 25.5/13

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.076 ± 0.460 χ^2/NDF : 33.3/12

Left: 2.391 ± 0.323 χ^2/NDF : 59.7/26

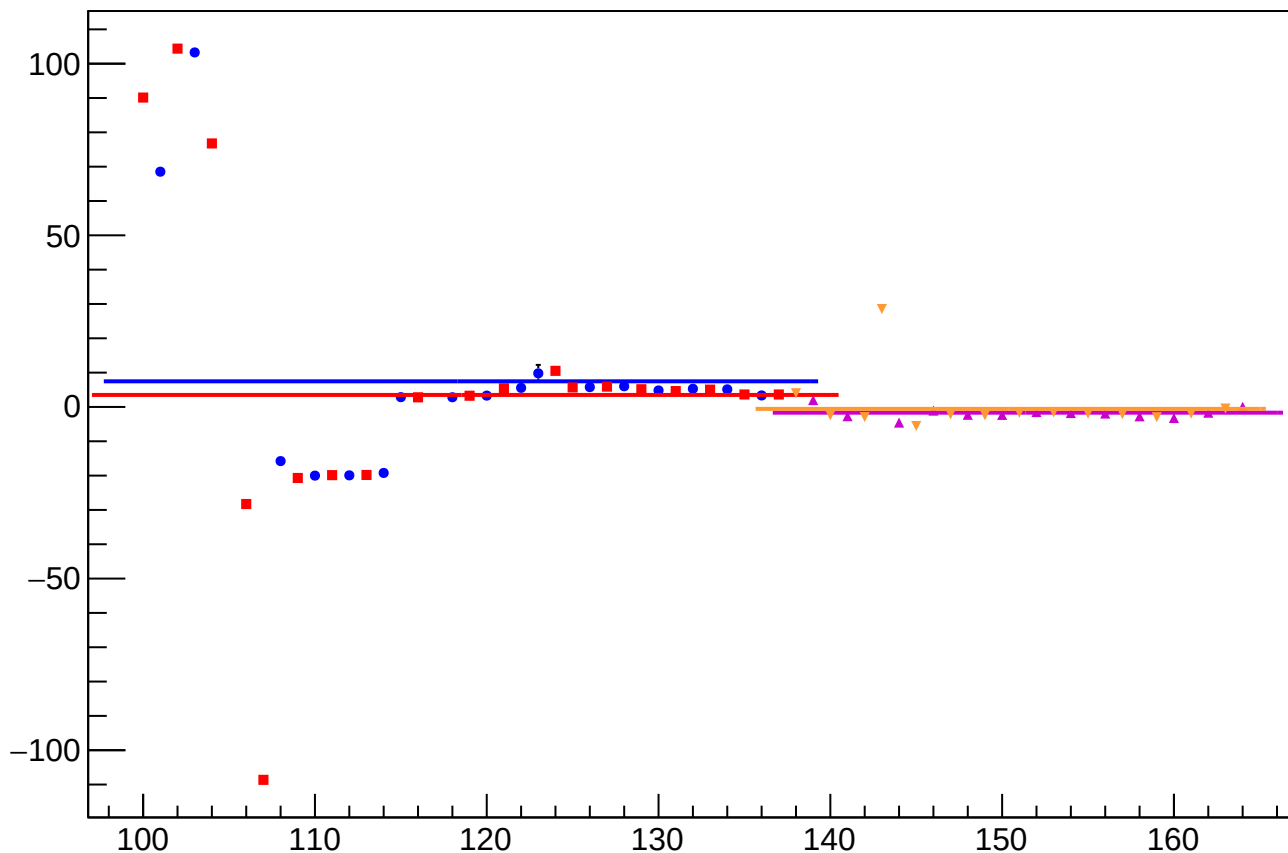
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.497 ± 0.391 χ^2/NDF : 114.9/29

Out: 2.052 ± 0.388 χ^2/NDF : 89.1/32

All: 1.777 ± 0.275 χ^2/NDF : 205.0/62

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 χ^2/NDF : 355890.1/16

Left Out: -0.557 ± 0.021 χ^2/NDF : 83526.0/13

Right Out: 3.500 ± 0.046 χ^2/NDF : 510577.2/18

Left In: -1.669 ± 0.021 χ^2/NDF : 5274.4/12

Left: -1.117 ± 0.015 χ^2/NDF : 90172.2/26

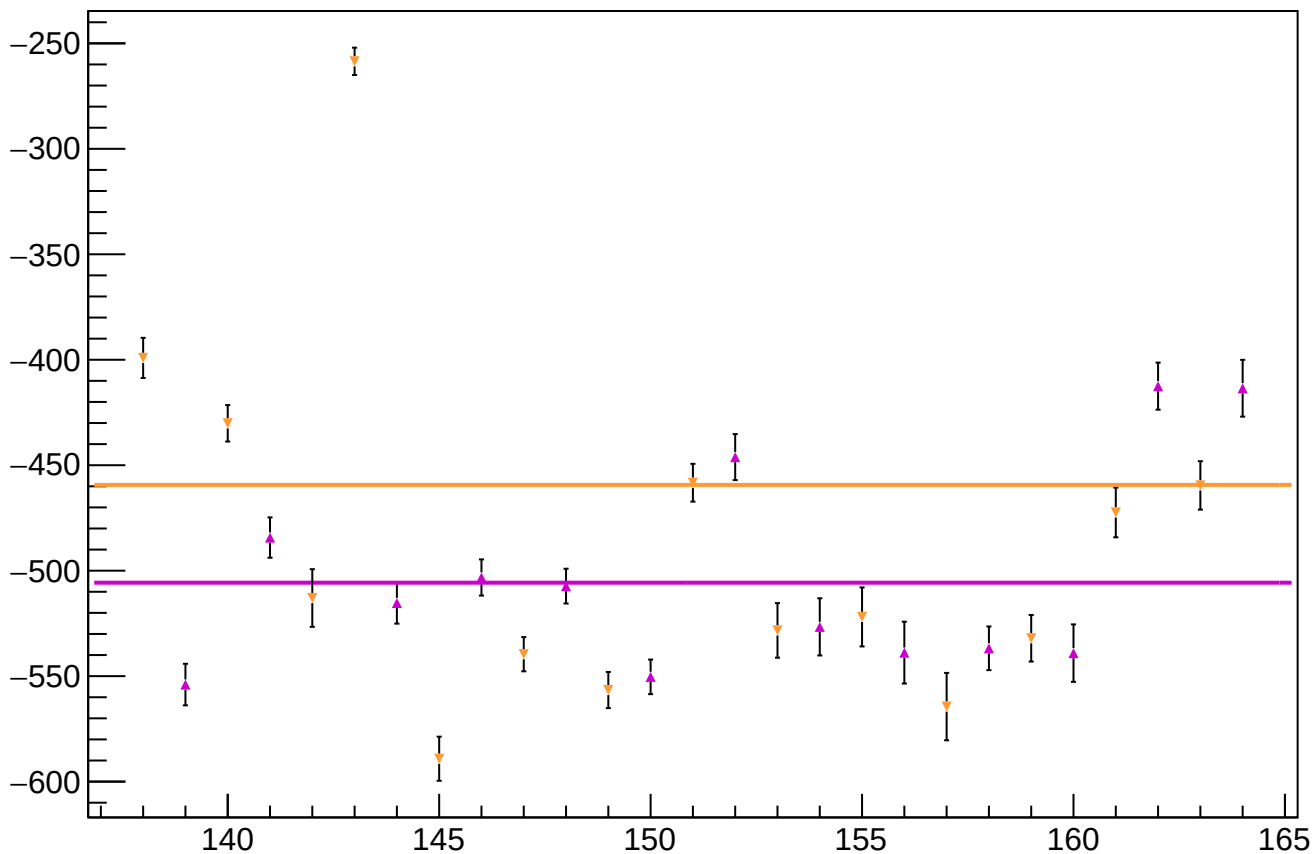
Right: 5.531 ± 0.032 χ^2/NDF : 870350.4/35

In: 0.018 ± 0.019 χ^2/NDF : 395579.8/29

Out: 0.170 ± 0.019 χ^2/NDF : 600612.1/32

All: 0.093 ± 0.014 χ^2/NDF : 996223.3/62

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: -459.328+/-2.653 χ^2/NDF :1545.4/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -505.693+/-2.867 χ^2/NDF :228.8/12

Left: -480.716+/-1.947 χ^2/NDF : 1915.1/26

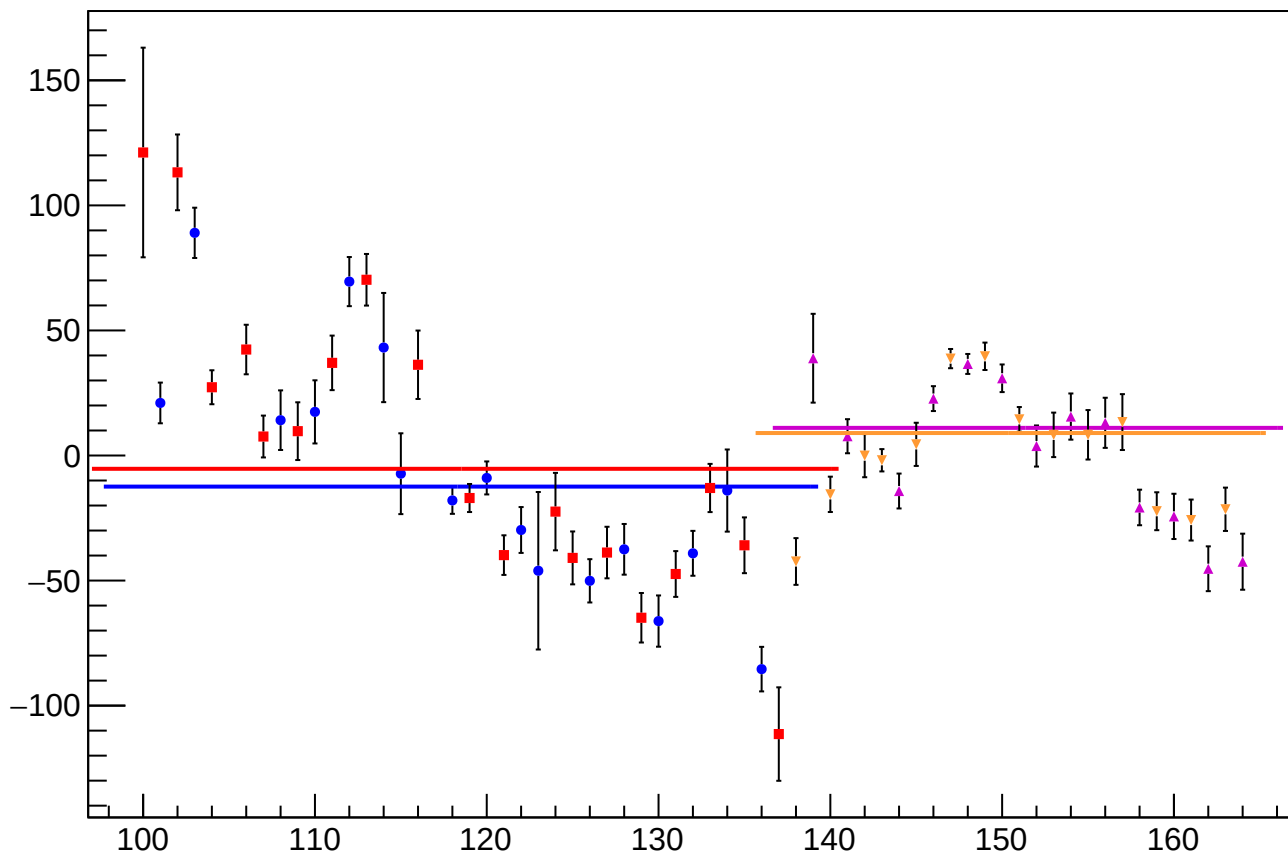
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -505.693+/-2.867 χ^2/NDF :228.8/12

Out: -459.328+/-2.653 χ^2/NDF :1545.4/13

All: -480.716+/-1.947 χ^2/NDF : 1915.1/26

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: 8.986 $\pm$ 1.748 χ^2/NDF :189.7/13

Right Out: -5.317 $\pm$ 2.260 χ^2/NDF : 342.8/18

Left In: 11.051 $\pm$ 1.924 χ^2/NDF :174.0/12

Left: 9.920 $\pm$ 1.294 χ^2/NDF : 364.3/26

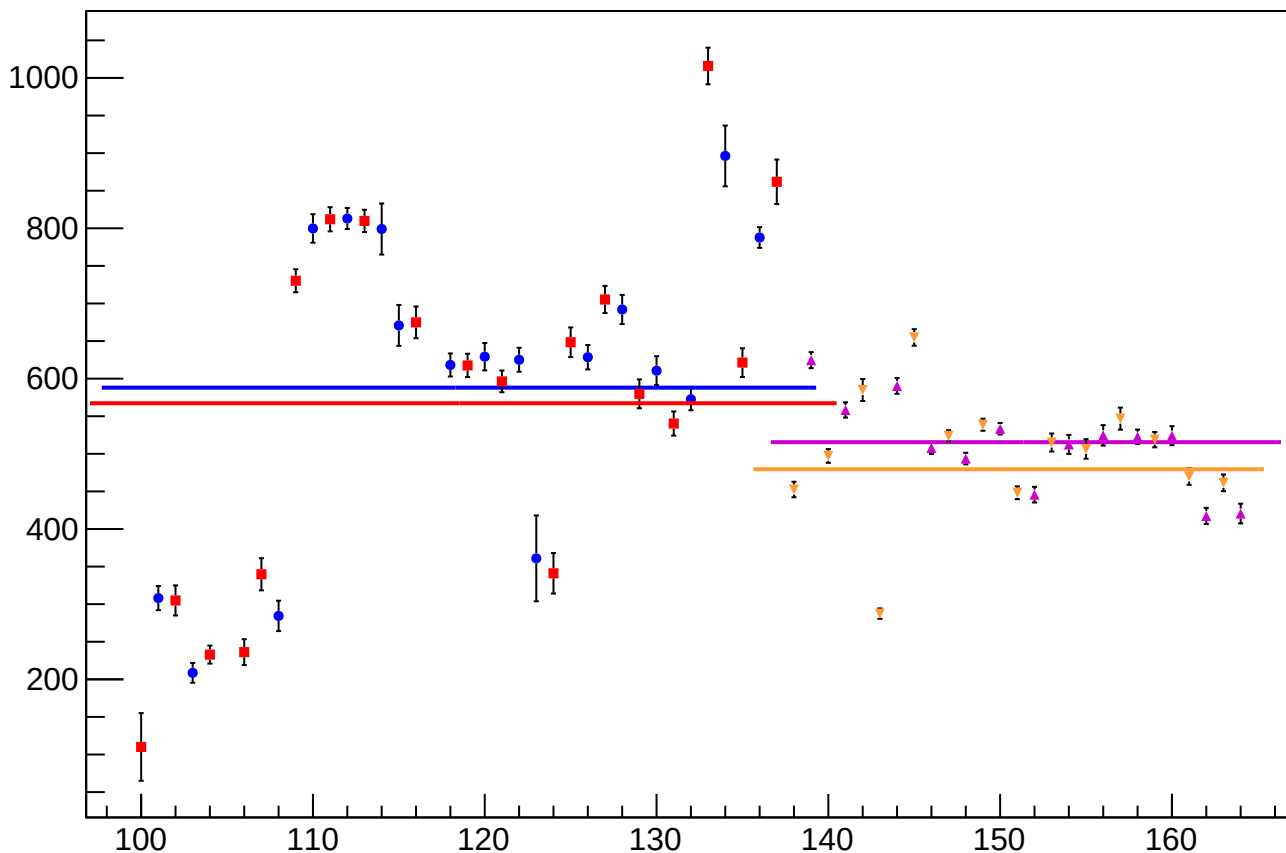
Right: -8.788 $\pm$ 1.617 χ^2/NDF : 687.9/35

In: 1.458 $\pm$ 1.480 χ^2/NDF :575.1/29

Out: 3.631 $\pm$ 1.383 χ^2/NDF :557.5/32

All: 2.618 $\pm$ 1.010 χ^2/NDF : 1133.7/62

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: 479.496 $\pm$ 2.627 χ^2 /NDF:1243.2/13

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 515.486 $\pm$ 2.786 χ^2 /NDF:369.7/12

Left: 496.432 $\pm$ 1.911 χ^2 /NDF: 1701.3/26

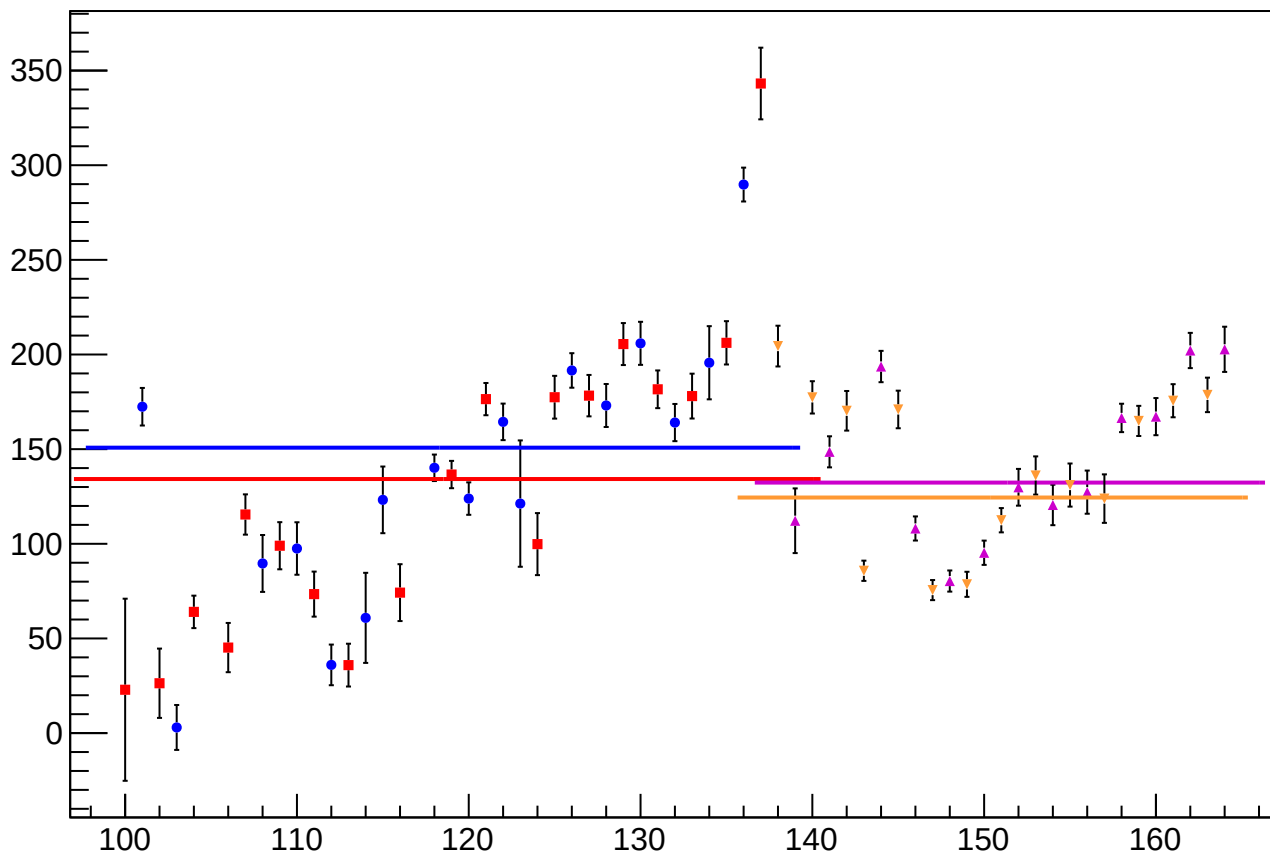
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 536.737 $\pm$ 2.343 χ^2 /NDF:2696.1/29

Out: 504.761 $\pm$ 2.217 χ^2 /NDF:4349.1/32

All: 519.866 $\pm$ 1.610 χ^2 /NDF: 7143.4/62

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2/NDF : 633.1/16

Left Out: 124.450 $\pm$ 2.114 χ^2/NDF :420.6/13

Right Out: 134.219 $\pm$ 2.615 χ^2/NDF : 581.6/18

Left In: 132.338 $\pm$ 2.308 χ^2/NDF :320.7/12

Left: 128.048 $\pm$ 1.559 χ^2/NDF : 747.7/26

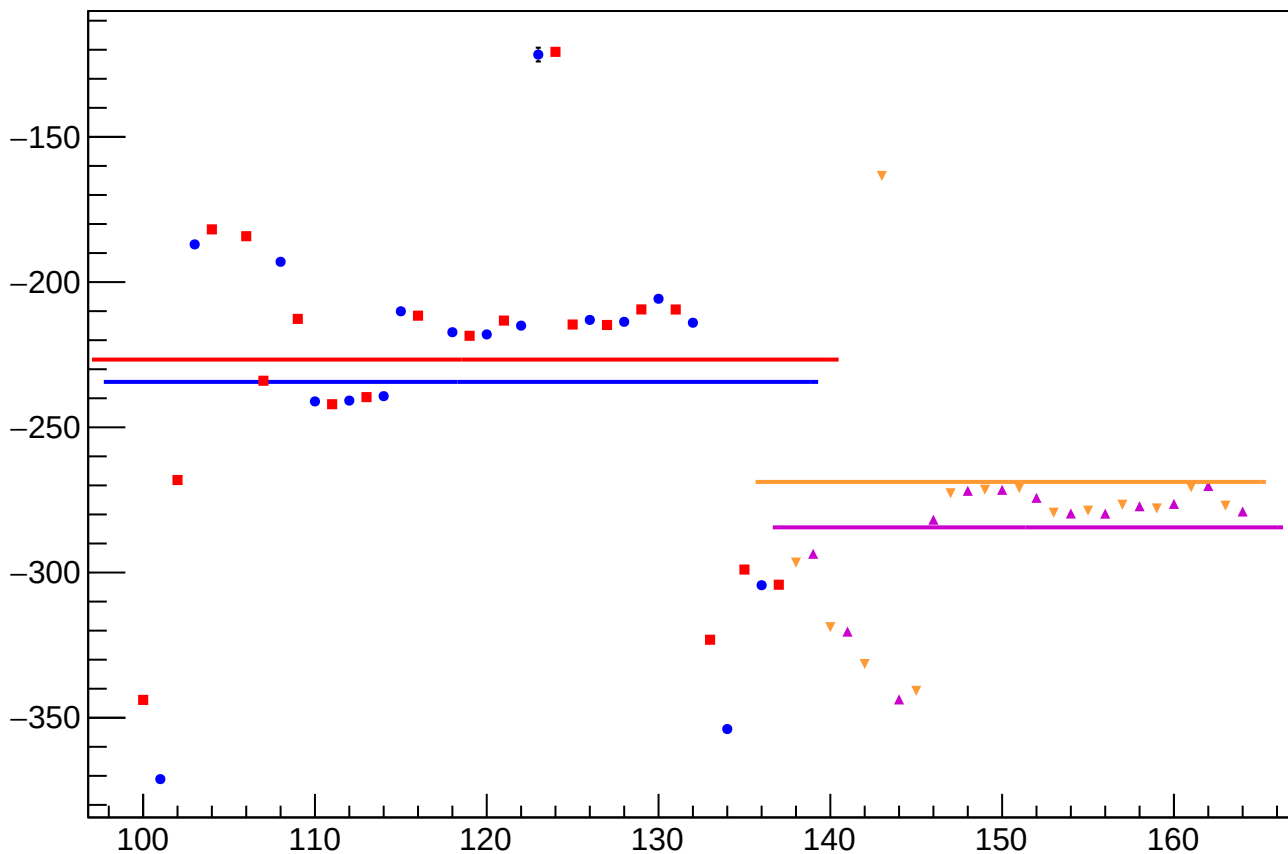
Right: 142.302 $\pm$ 1.872 χ^2/NDF : 1234.3/35

In: 140.196 $\pm$ 1.749 χ^2/NDF :981.0/29

Out: 128.310 $\pm$ 1.644 χ^2/NDF :1010.6/32

All: 133.886 $\pm$ 1.198 χ^2/NDF : 2016.2/62

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -268.796+/-0.106 χ^2/NDF : 204723.0/13

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -284.441+/-0.111 χ^2/NDF : 30765.3/12

Left: -276.232+/-0.077 χ^2/NDF : 245886.6/26

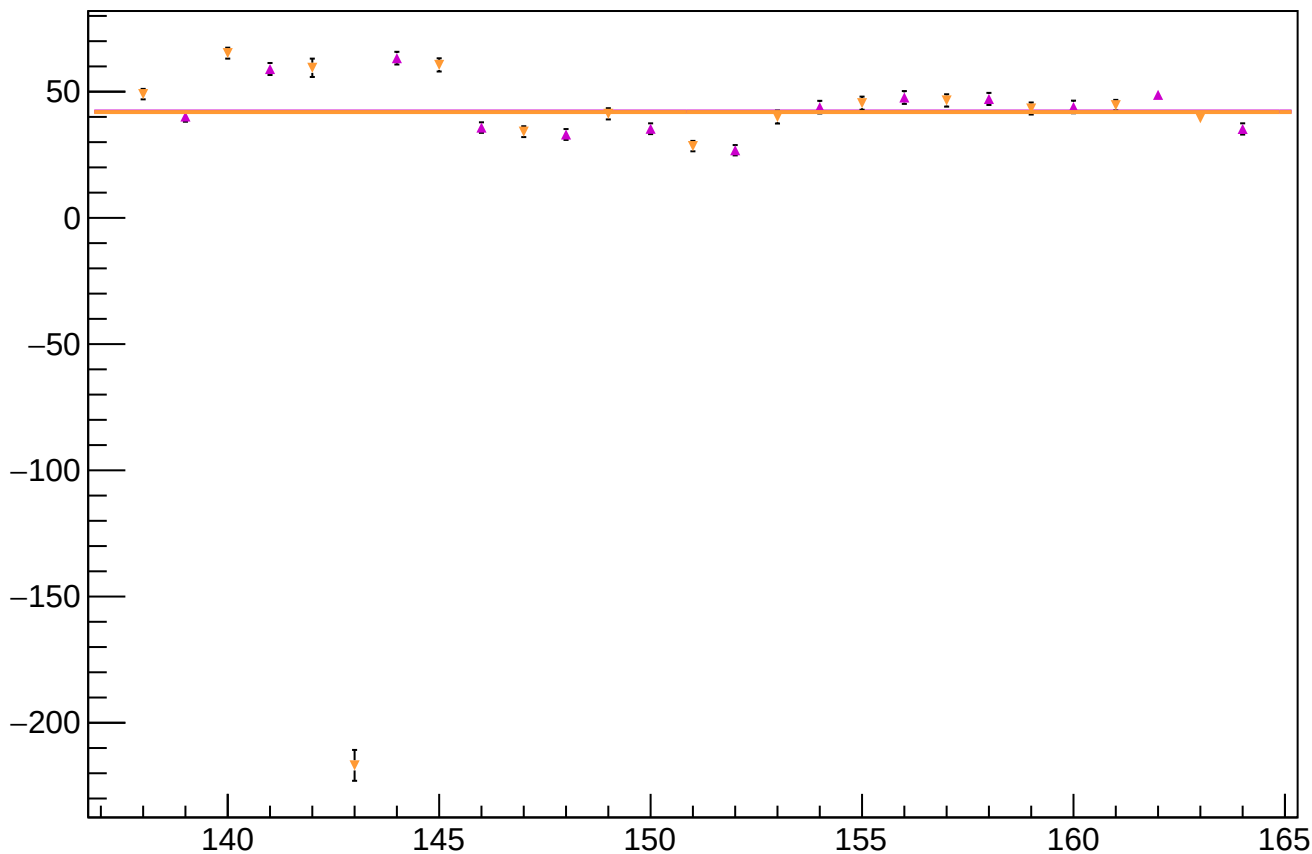
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -266.457+/-0.089 χ^2/NDF : 248839.3/29

Out: -253.662+/-0.085 χ^2/NDF : 361183.9/32

All: -259.742+/-0.061 χ^2/NDF : 620875.8/62

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: 41.919+/-0.637 χ^2/NDF :2060.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 42.126+/-0.620 χ^2/NDF :246.9/12

Left: 42.025+/-0.444 χ^2/NDF : 2307.1/26

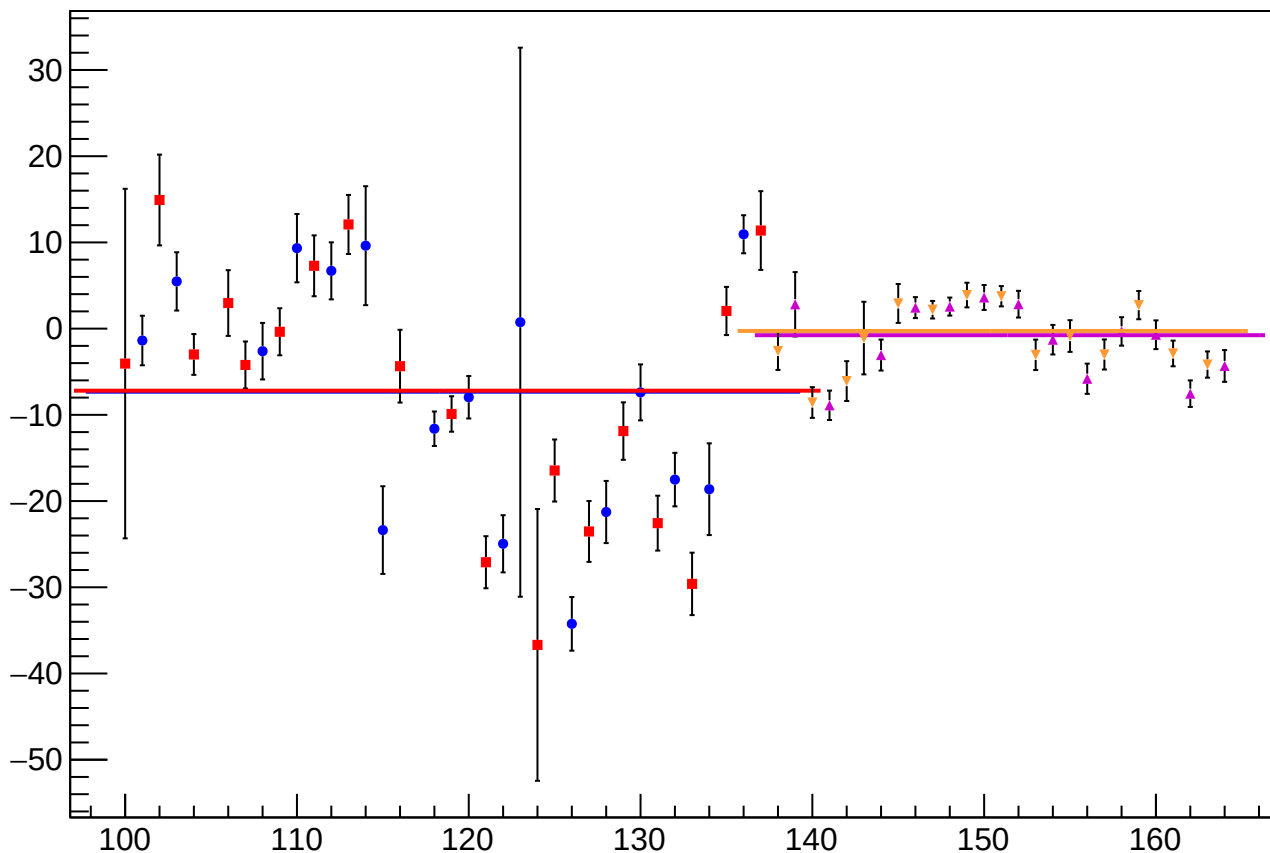
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 42.126+/-0.620 χ^2/NDF :246.9/12

Out: 41.919+/-0.637 χ^2/NDF :2060.1/13

All: 42.025+/-0.444 χ^2/NDF : 2307.1/26

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -0.268 ± 0.433 χ^2/NDF : 75.2/13

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -0.763 ± 0.433 χ^2/NDF : 88.5/12

Left: -0.515 ± 0.306 χ^2/NDF : 164.3/26

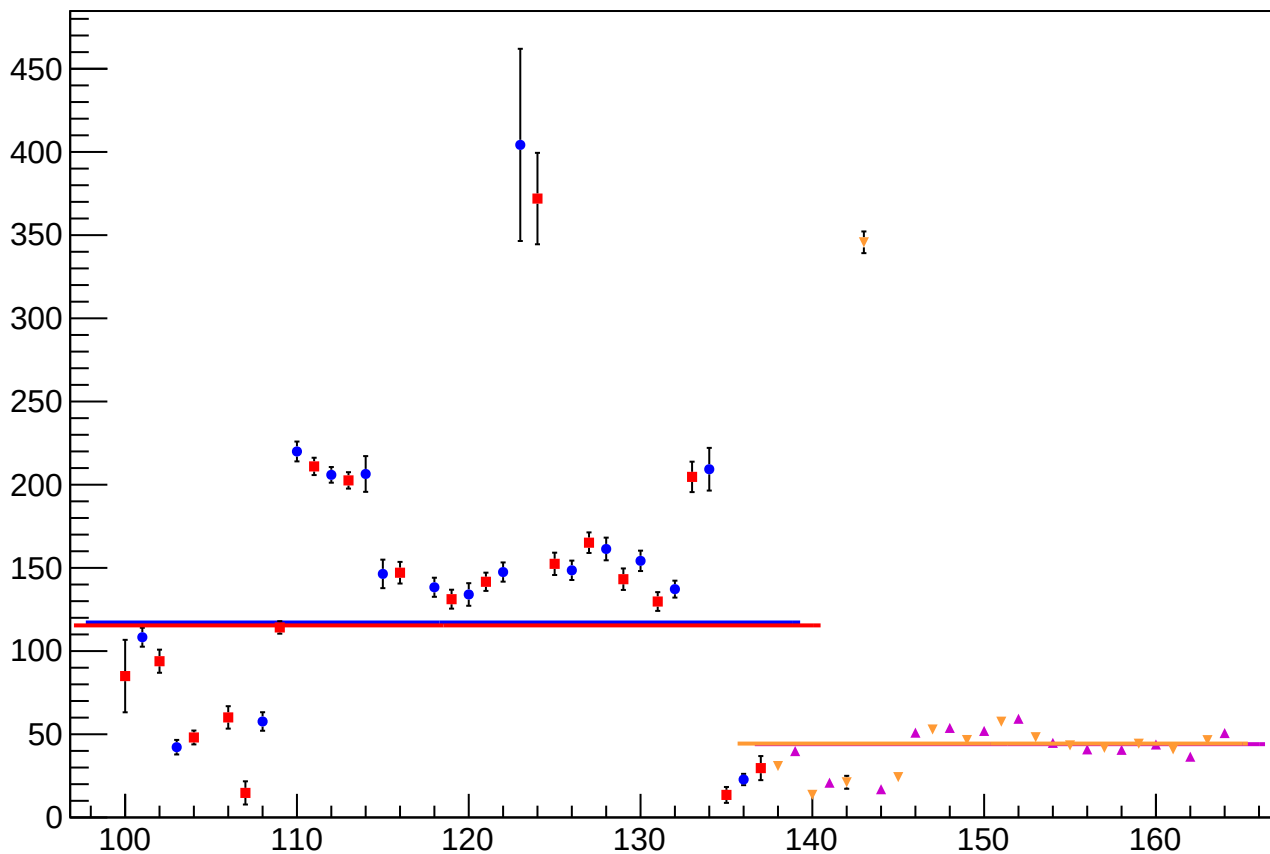
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.308 ± 0.379 χ^2/NDF : 421.4/29

Out: -1.962 ± 0.376 χ^2/NDF : 389.9/32

All: -2.134 ± 0.267 χ^2/NDF : 811.8/62

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.405+/-0.619 χ^2/NDF : 2513.0/13

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.045+/-0.601 χ^2/NDF : 331.2/12

Left: 44.220+/-0.431 χ^2/NDF : 2844.4/26

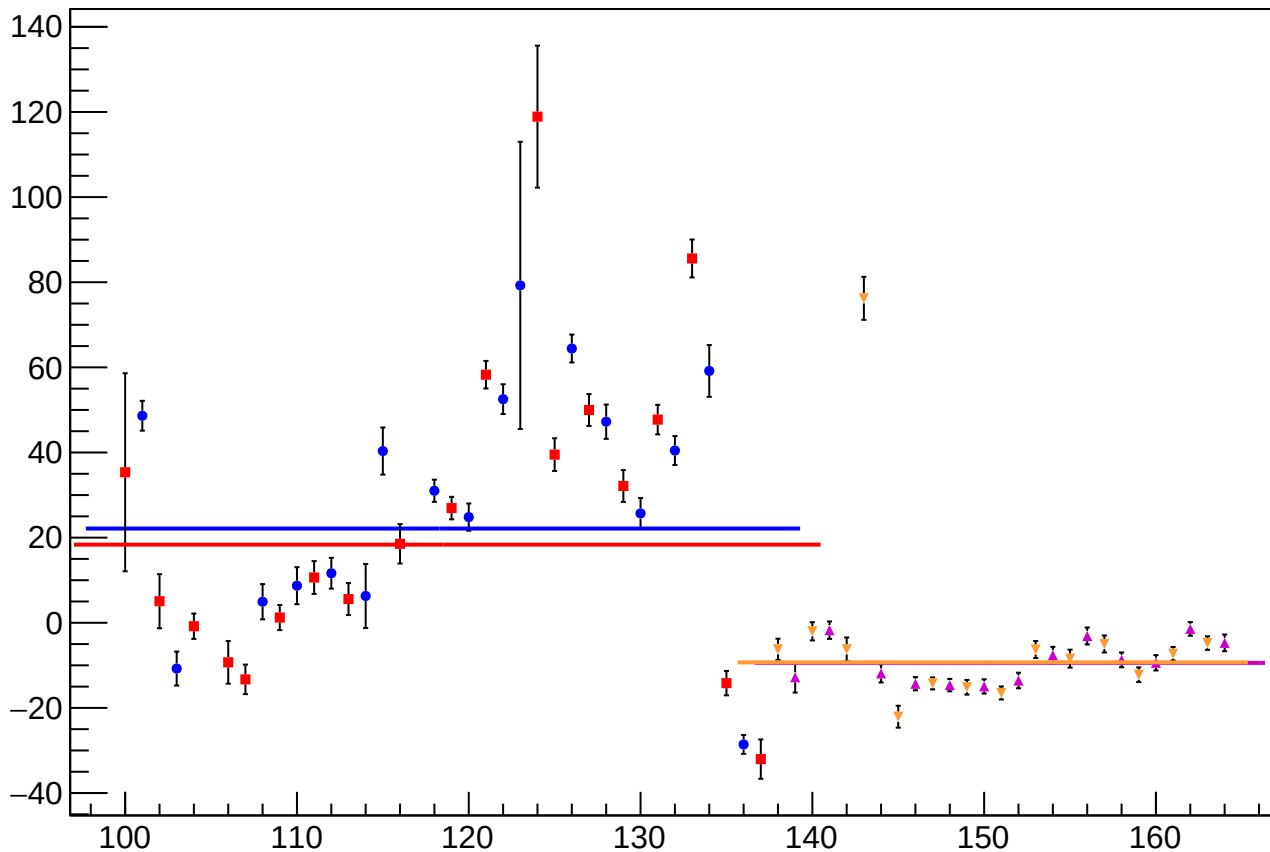
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 55.283+/-0.553 χ^2/NDF : 4763.2/29

Out: 56.585+/-0.563 χ^2/NDF : 6922.6/32

All: 55.922+/-0.395 χ^2/NDF : 11688.5/62

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -9.299 $\pm$ 0.512 χ^2 /NDF: 391.5/13

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -9.429 $\pm$ 0.509 χ^2 /NDF: 96.7/12

Left: -9.364 $\pm$ 0.361 χ^2 /NDF: 488.2/26

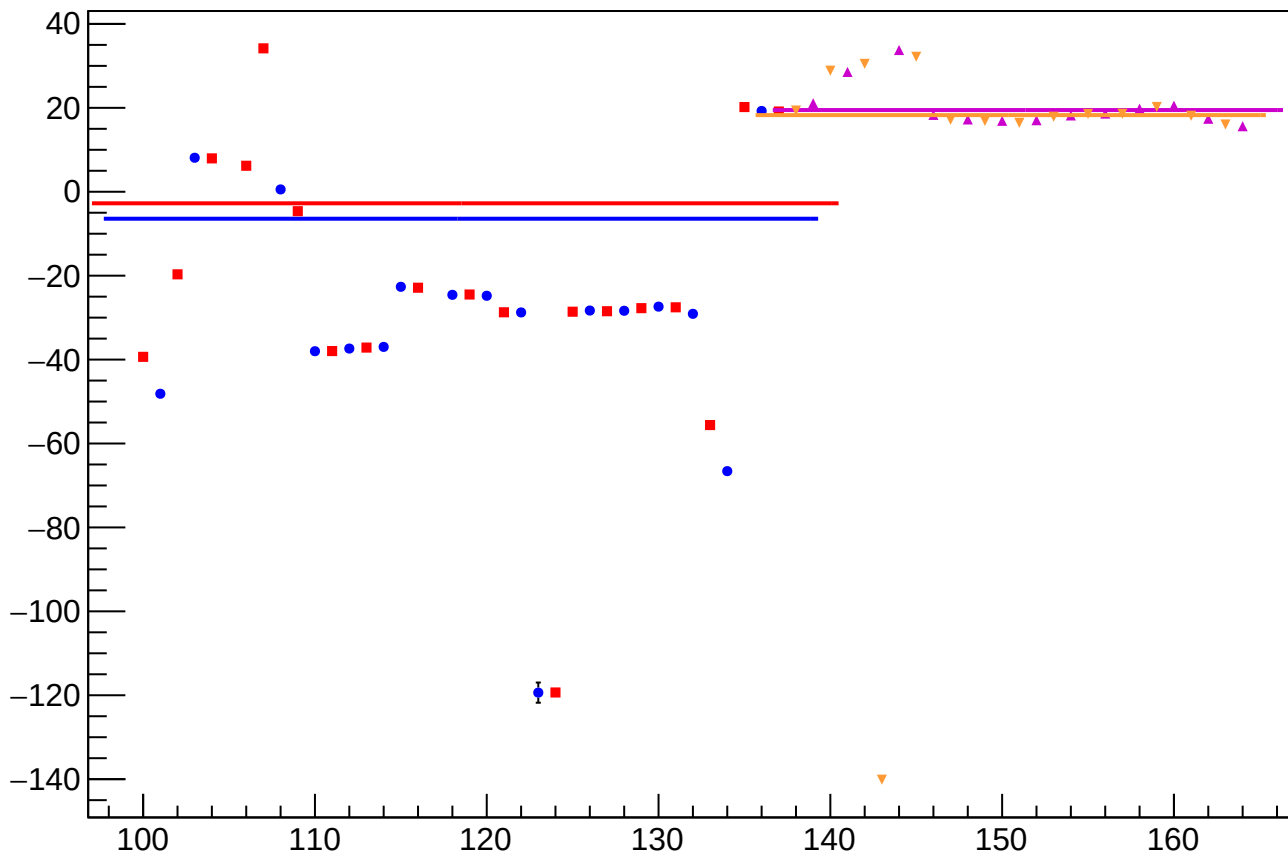
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: -1.674 $\pm$ 0.442 χ^2 /NDF: 2107.2/29

Out: -2.206 $\pm$ 0.441 χ^2 /NDF: 2211.2/32

All: -1.940 $\pm$ 0.312 χ^2 /NDF: 4319.1/62

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.266 ± 0.024 χ^2/NDF : 401094.9/13

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 19.473 ± 0.024 χ^2/NDF : 28989.2/12

Left: 18.886 ± 0.017 χ^2/NDF : 431363.6/26

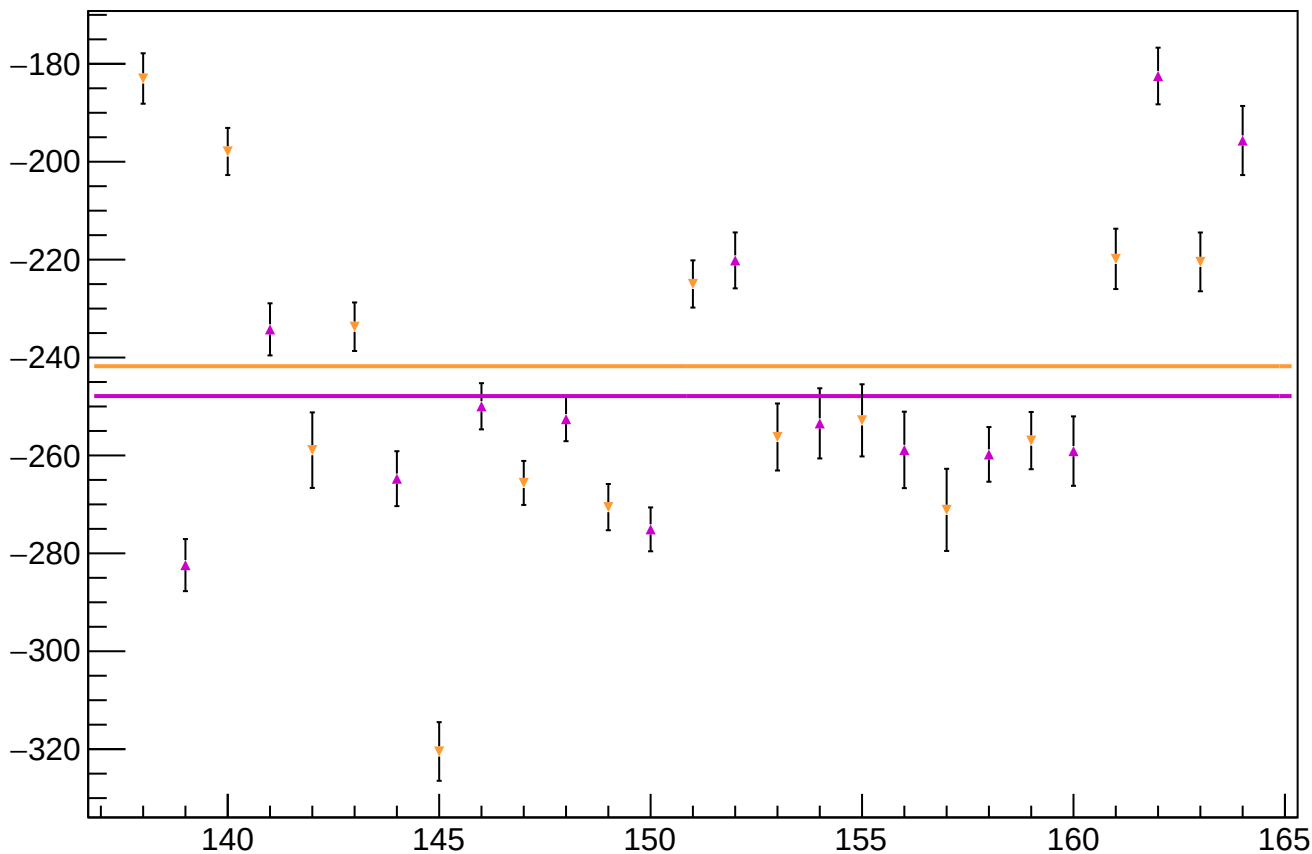
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 14.137 ± 0.021 χ^2/NDF : 543576.6/29

Out: 13.661 ± 0.021 χ^2/NDF : 832709.5/32

All: 13.904 ± 0.015 χ^2/NDF : 1376539.1/62

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: -241.770+/-1.506 χ^2/NDF : 521.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -247.873+/-1.553 χ^2/NDF : 311.4/12

Left: -244.728+/-1.081 χ^2/NDF : 841.0/26

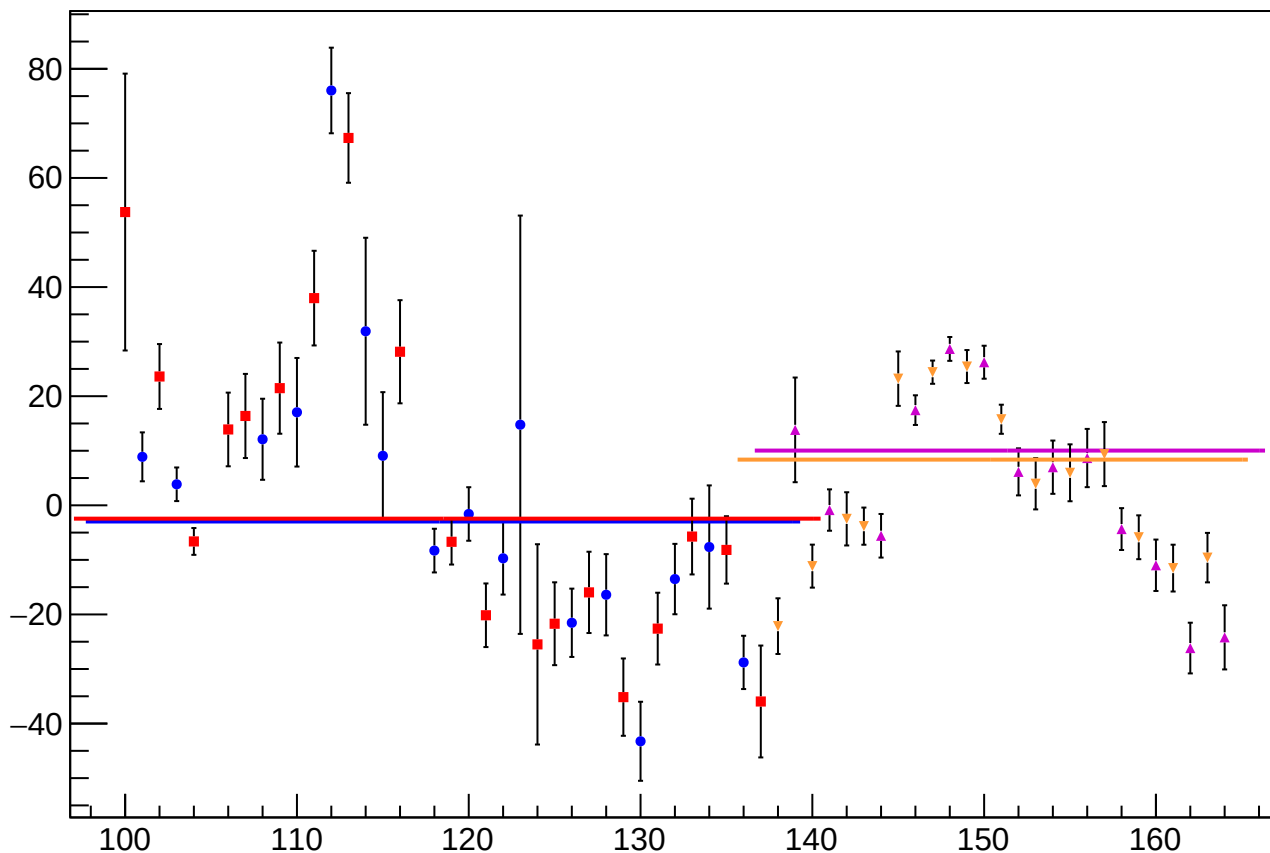
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -247.873+/-1.553 χ^2/NDF : 311.4/12

Out: -241.770+/-1.506 χ^2/NDF : 521.6/13

All: -244.728+/-1.081 χ^2/NDF : 841.0/26

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 8.377 ± 0.991 χ^2/NDF : 233.9/13

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 10.034 ± 1.045 χ^2/NDF : 262.3/12

Left: 9.162 ± 0.719 χ^2/NDF : 497.5/26

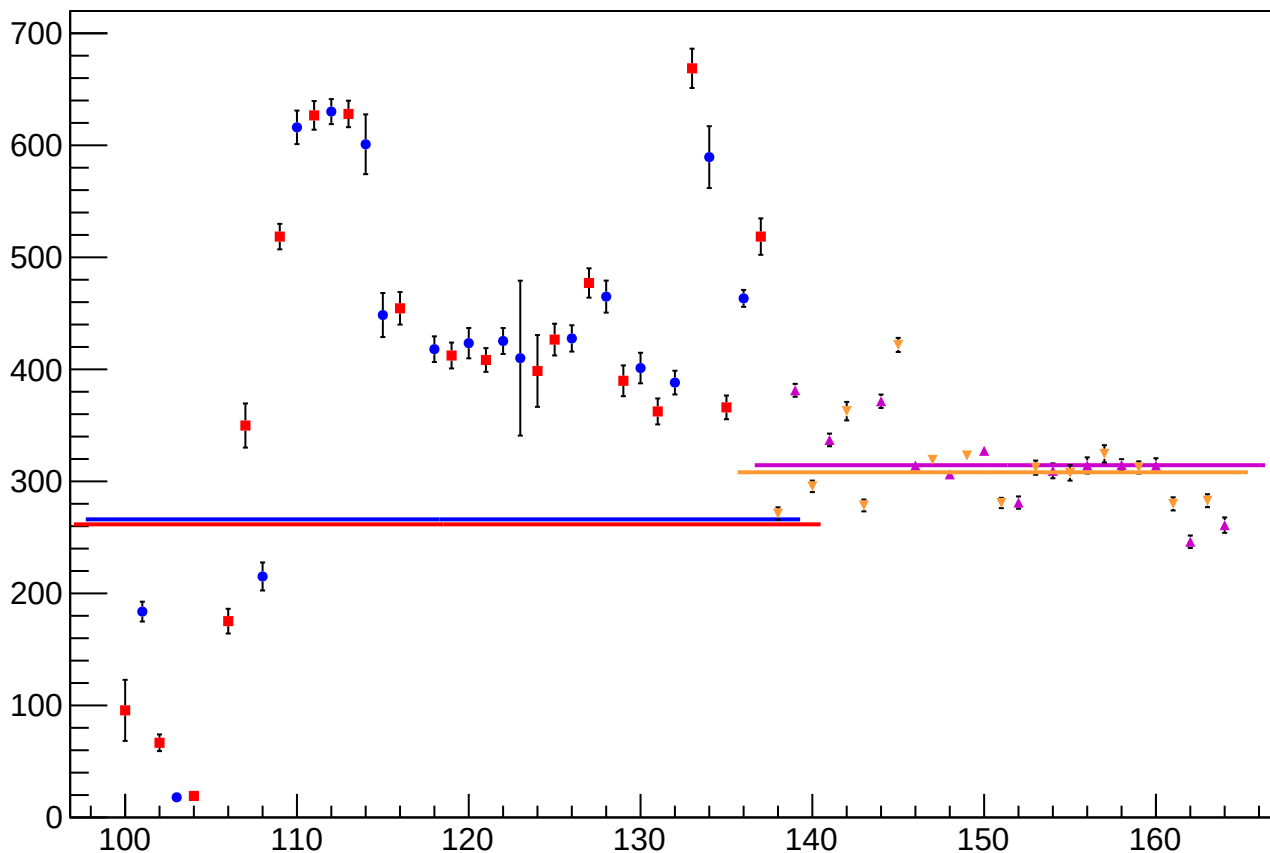
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 5.602 ± 0.848 χ^2/NDF : 518.6/29

Out: 4.751 ± 0.808 χ^2/NDF : 489.2/32

All: 5.156 ± 0.585 χ^2/NDF : 1008.3/62

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: 308.110 $\pm$ 1.480 χ^2 /NDF: 552.6/13

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 314.446 $\pm$ 1.507 χ^2 /NDF: 502.9/12

Left: 311.220 $\pm$ 1.056 χ^2 /NDF: 1064.5/26

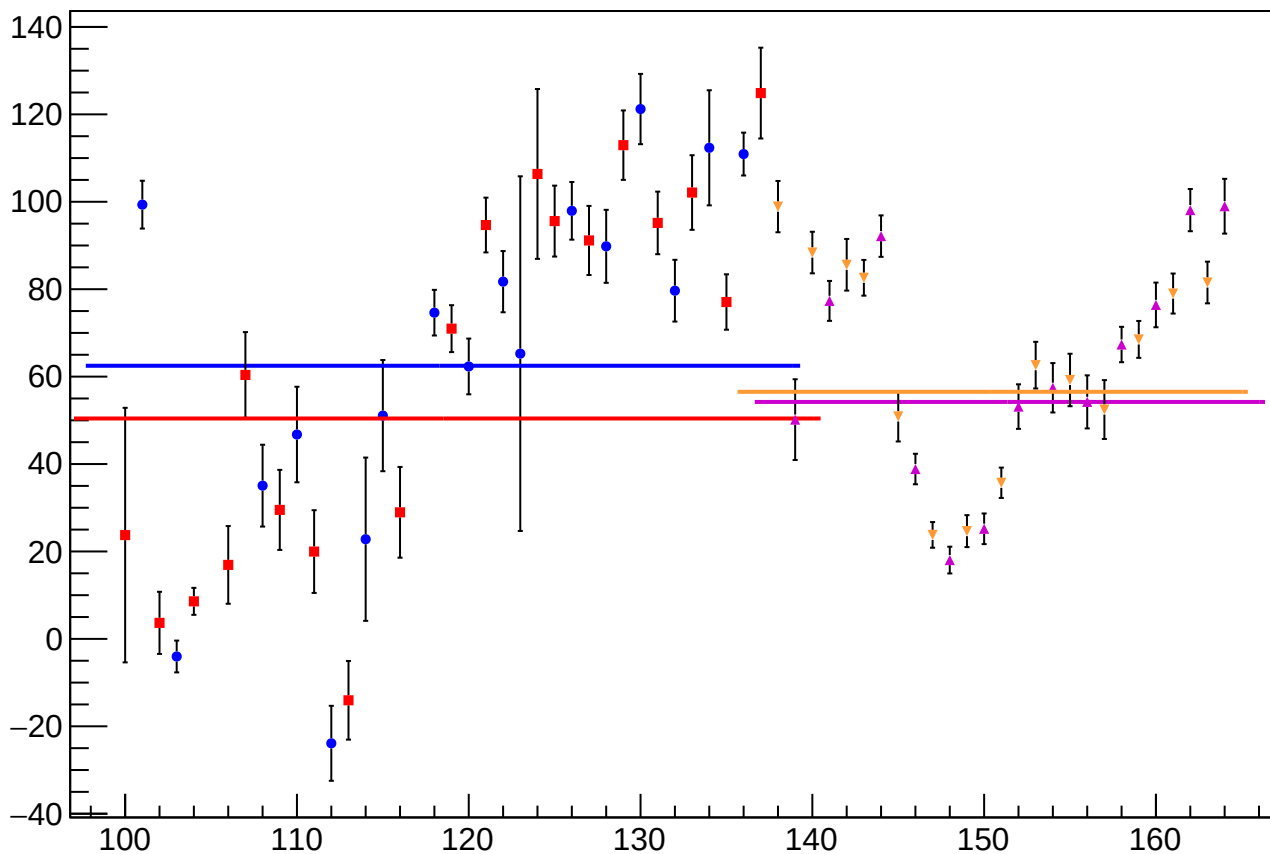
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 301.410 $\pm$ 1.288 χ^2 /NDF: 8424.3/29

Out: 295.738 $\pm$ 1.268 χ^2 /NDF: 9024.6/32

All: 298.529 $\pm$ 0.903 χ^2 /NDF: 17458.8/62

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 56.530+/-1.197 χ^2/NDF : 460.5/13

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 54.207+/-1.251 χ^2/NDF : 481.0/12

Left: 55.420+/-0.865 χ^2/NDF : 943.3/26

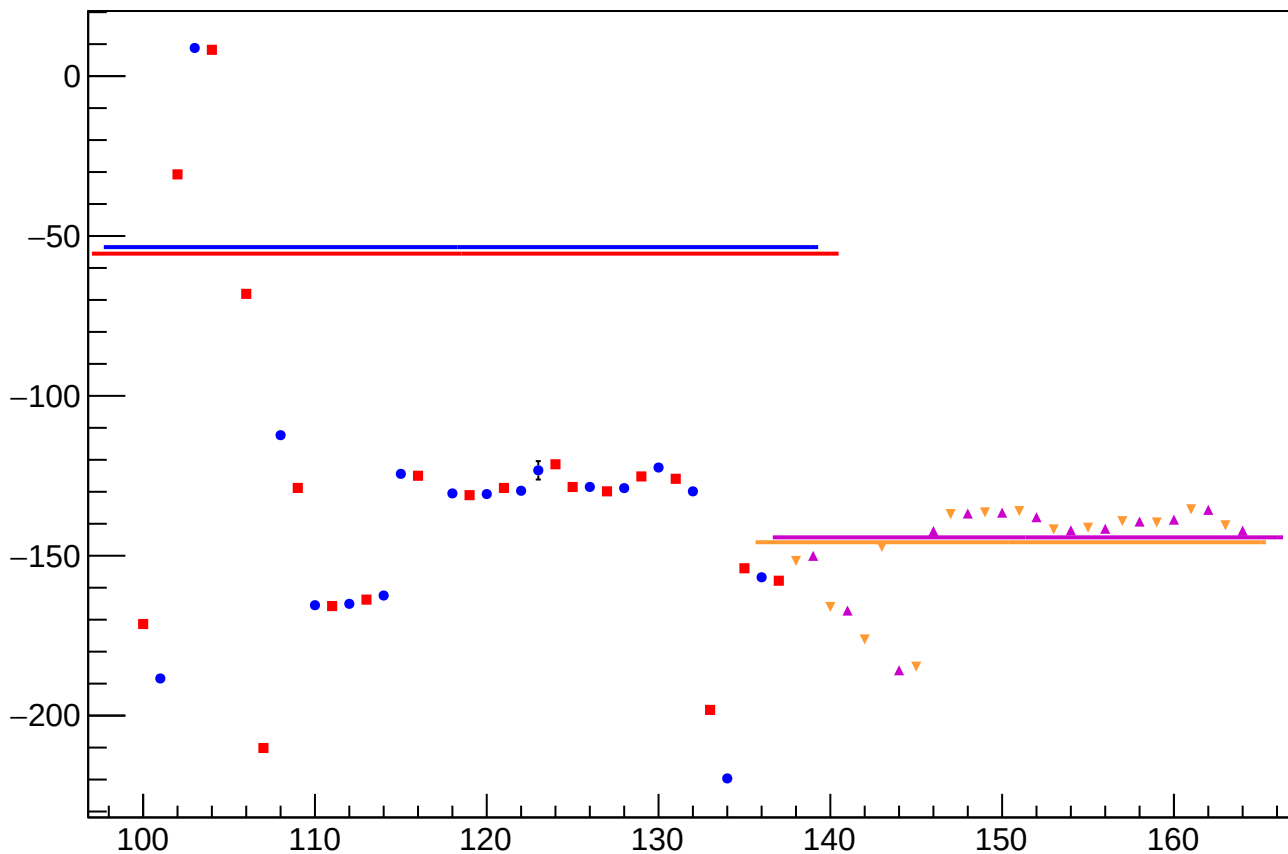
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 57.157+/-1.003 χ^2/NDF : 1217.4/29

Out: 54.411+/-0.967 χ^2/NDF : 1121.0/32

All: 55.733+/-0.696 χ^2/NDF : 2342.2/62

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: -145.786 ± 0.059 $\chi^2/\text{NDF}: 53627.4/13$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -144.253 ± 0.060 $\chi^2/\text{NDF}: 43348.3/12$

Left: -145.027 ± 0.042 $\chi^2/\text{NDF}: 97305.5/26$

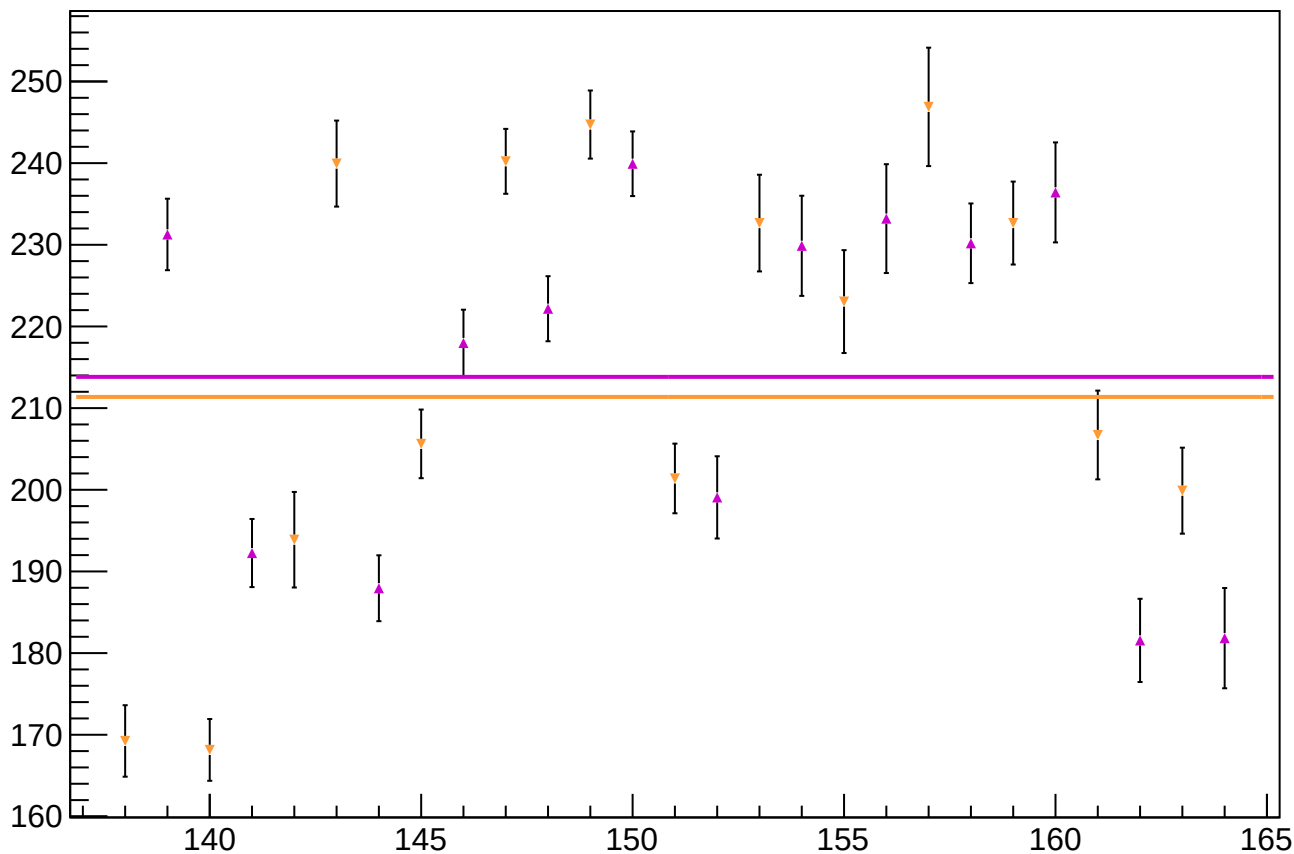
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -106.028 ± 0.046 $\chi^2/\text{NDF}: 2236965.4/29$

Out: -109.182 ± 0.046 $\chi^2/\text{NDF}: 1960536.5/32$

All: -107.599 ± 0.032 $\chi^2/\text{NDF}: 4199882.5/62$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 211.369+/-1.290 χ^2/NDF :449.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 213.828+/-1.313 χ^2/NDF :248.7/12

Left: 212.577+/-0.920 χ^2/NDF : 699.6/26

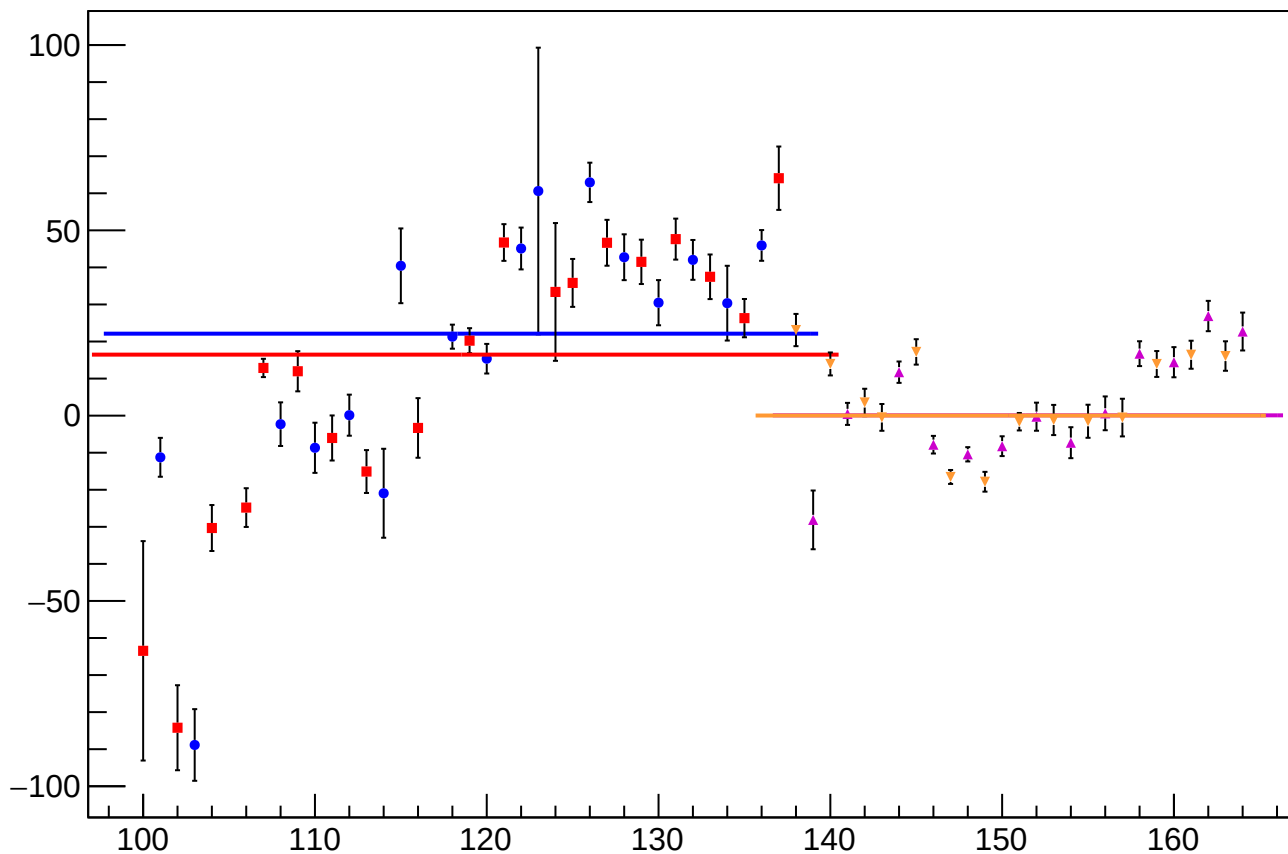
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.828+/-1.313 χ^2/NDF :248.7/12

Out: 211.369+/-1.290 χ^2/NDF :449.1/13

All: 212.577+/-0.920 χ^2/NDF : 699.6/26

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: 0.032+/-0.858 χ^2/NDF : 248.1/13

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: 0.083+/-0.892 χ^2/NDF : 182.1/12

Left: 0.056+/-0.618 χ^2/NDF : 430.2/26

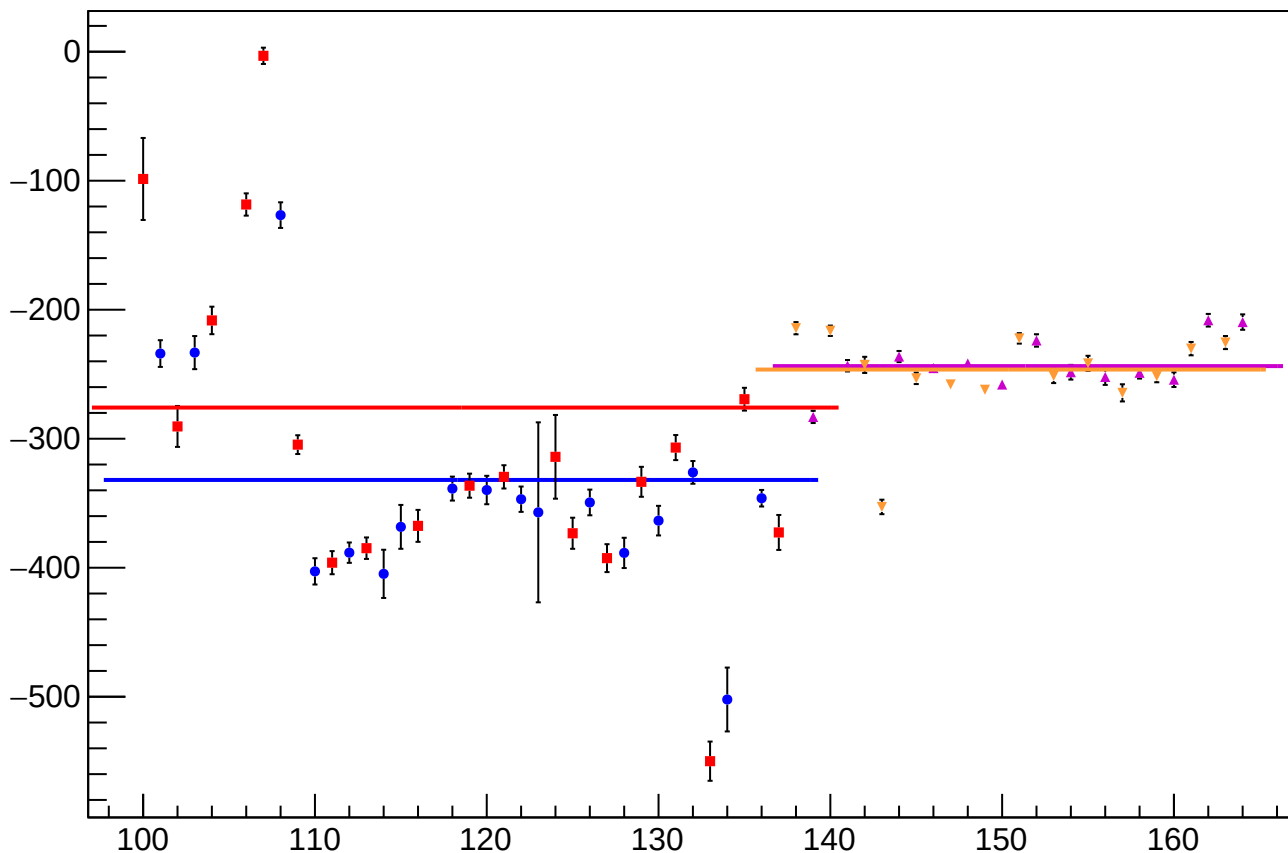
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 6.600+/-0.749 χ^2/NDF : 744.6/29

Out: 5.423+/-0.703 χ^2/NDF : 792.6/32

All: 5.975+/-0.513 χ^2/NDF : 1538.5/62

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: -246.386 ± 1.272 χ^2/NDF : 561.6/13

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -243.709 ± 1.281 χ^2/NDF : 196.9/12

Left: -245.057 ± 0.903 χ^2/NDF : 760.7/26

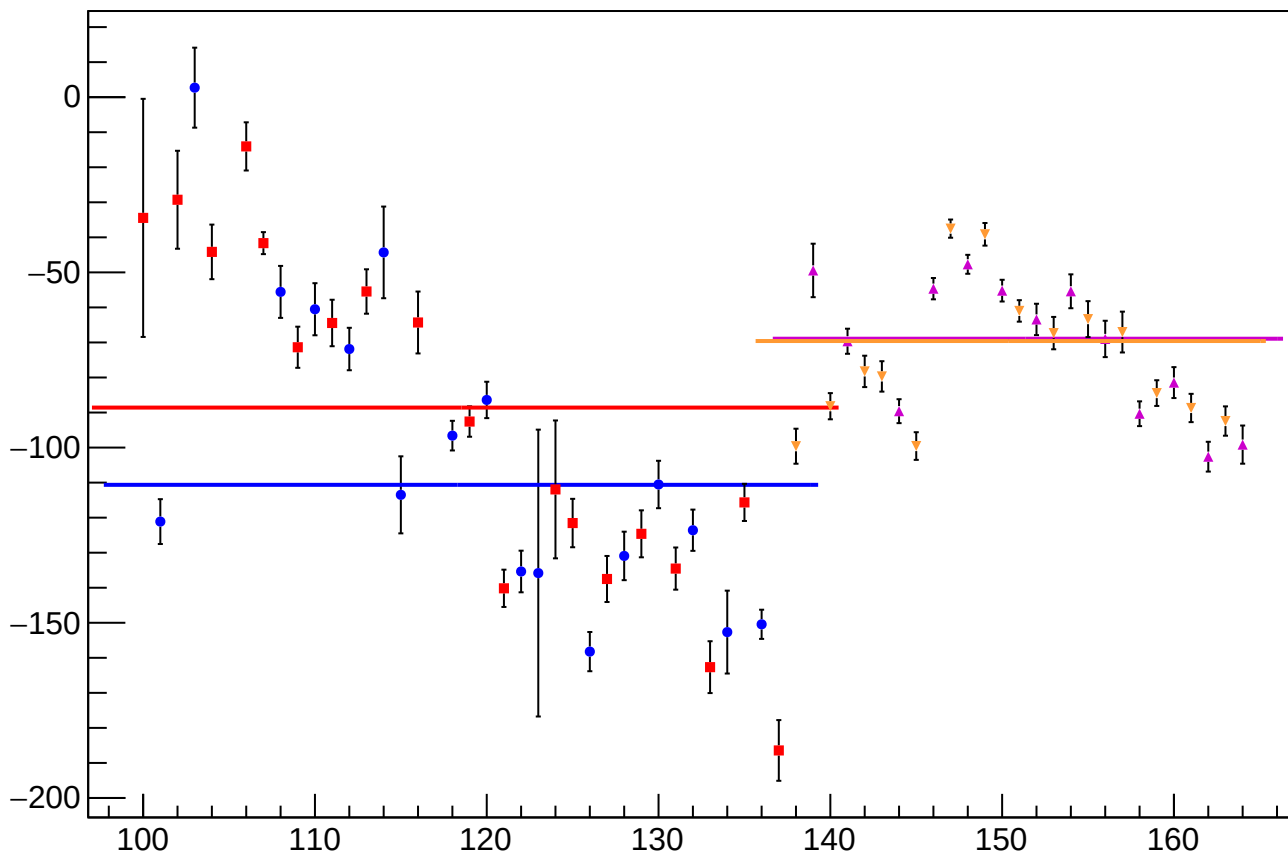
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -261.302 ± 1.146 χ^2/NDF : 1928.4/29

Out: -253.179 ± 1.116 χ^2/NDF : 4047.0/32

All: -257.130 ± 0.799 χ^2/NDF : 6001.2/62

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: -69.592 ± 1.033 χ^2/NDF : 447.6/13

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -68.931 ± 1.066 χ^2/NDF : 294.2/12

Left: -69.272 ± 0.742 χ^2/NDF : 742.0/26

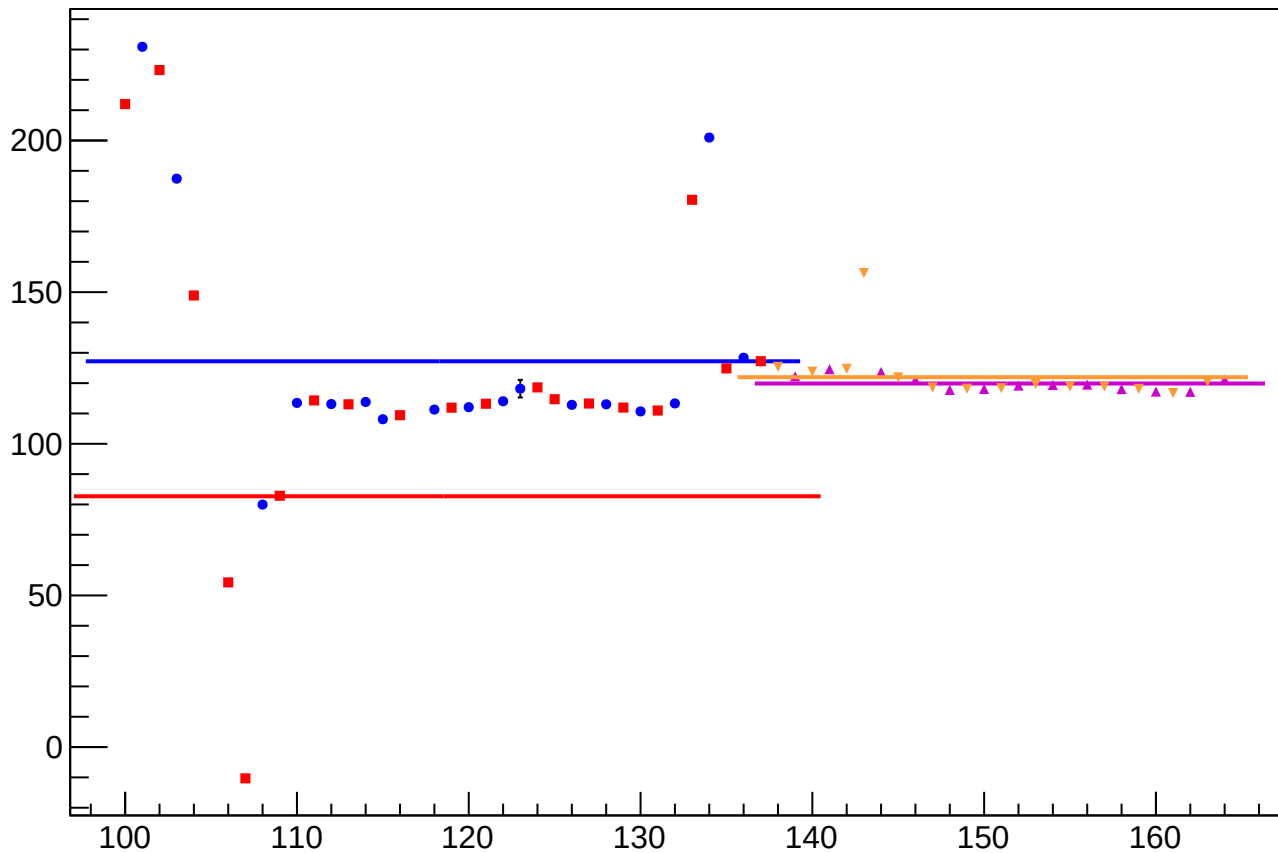
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -81.960 ± 0.884 χ^2/NDF : 1281.4/29

Out: -76.089 ± 0.838 χ^2/NDF : 1529.7/32

All: -78.870 ± 0.608 χ^2/NDF : 2834.3/62

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: 121.959 $\pm$ 0.051 χ^2 /NDF: 26744.4/13

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 119.874 $\pm$ 0.051 χ^2 /NDF: 2197.8/12

Left: 120.917 $\pm$ 0.036 χ^2 /NDF: 29778.1/26

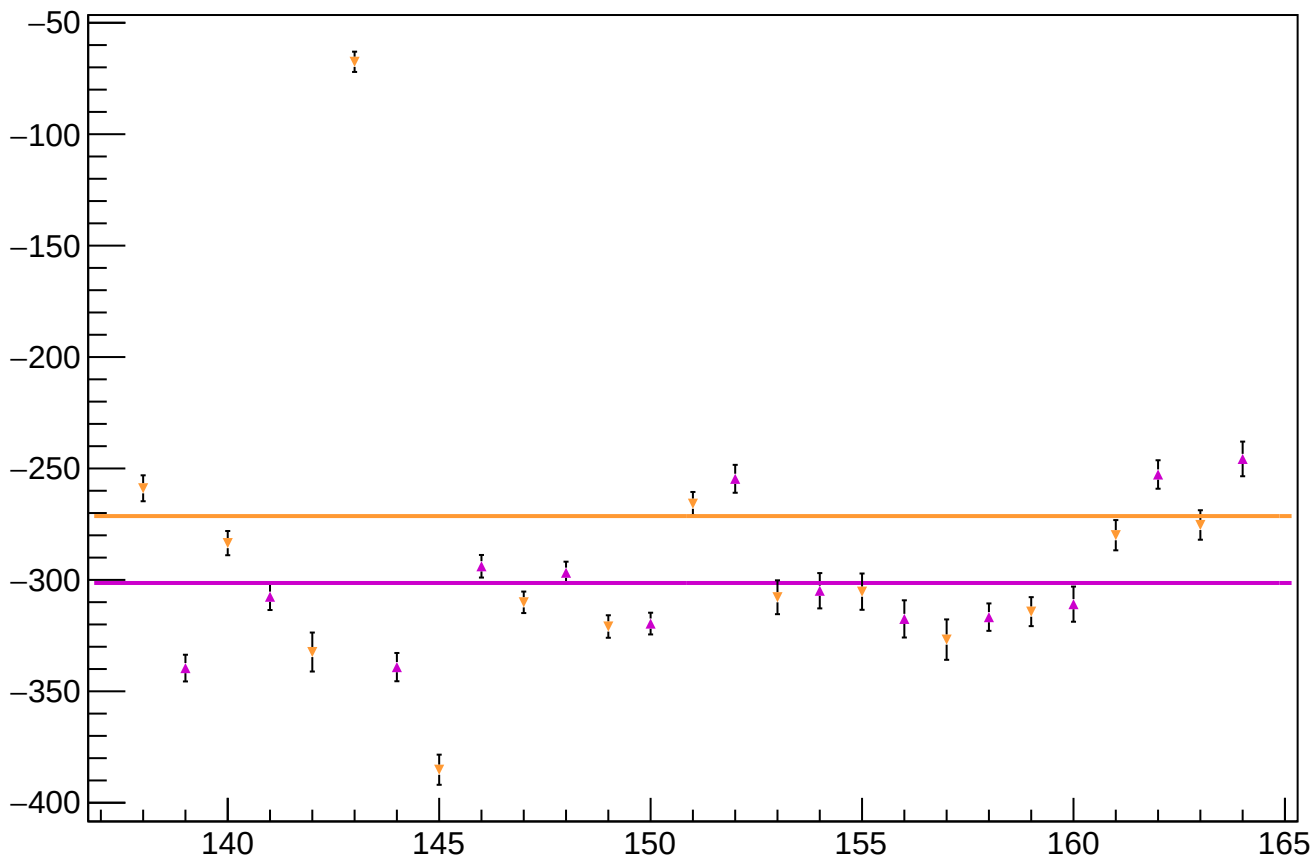
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.683 $\pm$ 0.044 χ^2 /NDF: 195319.1/29

Out: 109.615 $\pm$ 0.042 χ^2 /NDF: 979010.8/32

All: 115.361 $\pm$ 0.031 χ^2 /NDF: 1213253.5/62

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: -271.364+/-1.627 χ^2/NDF :2634.1/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -301.384+/-1.710 χ^2/NDF :270.7/12

Left: -285.626+/-1.179 χ^2/NDF : 3066.6/26

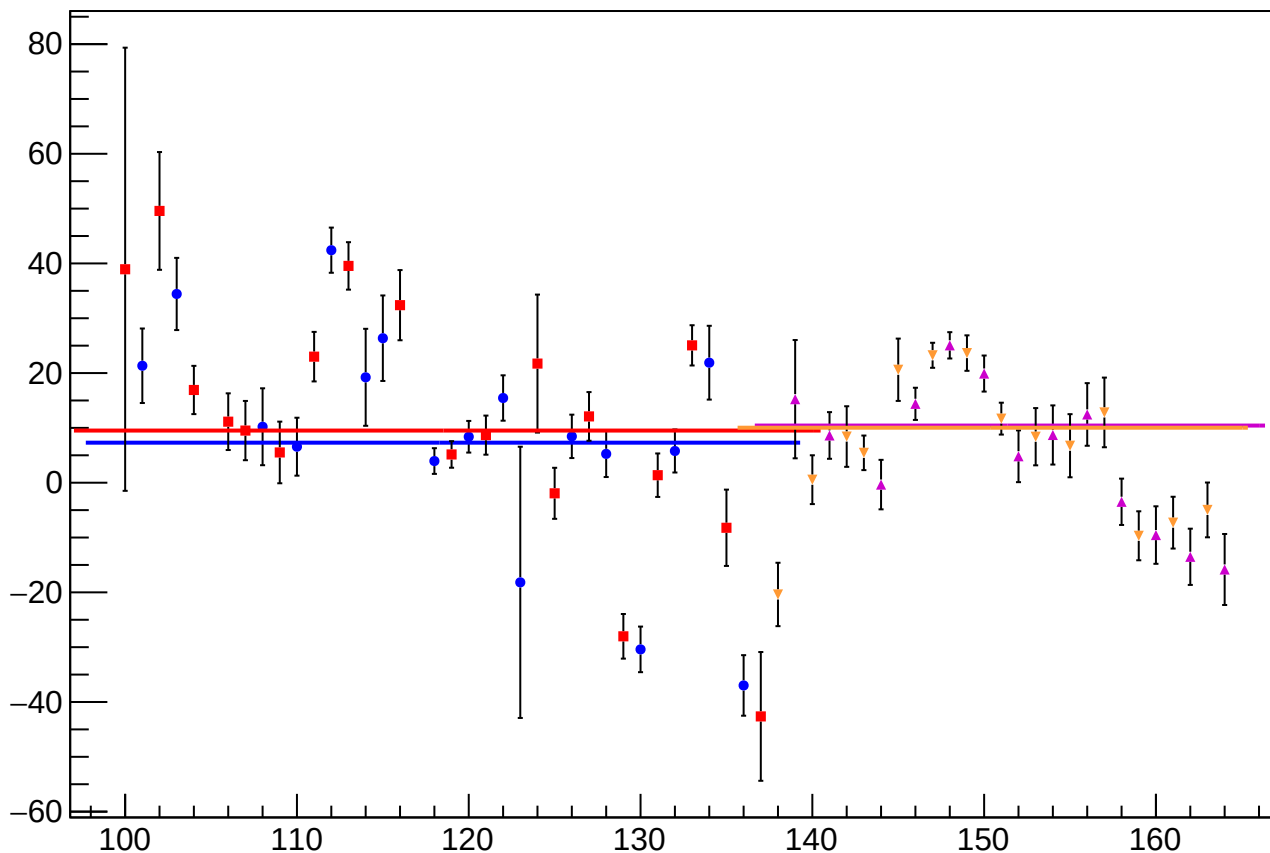
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -301.384+/-1.710 χ^2/NDF :270.7/12

Out: -271.364+/-1.627 χ^2/NDF :2634.1/13

All: -285.626+/-1.179 χ^2/NDF : 3066.6/26

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 10.033 ± 1.068 χ^2/NDF : 131.9/13

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 10.425 ± 1.148 χ^2/NDF : 118.6/12

Left: 10.215 ± 0.782 χ^2/NDF : 250.5/26

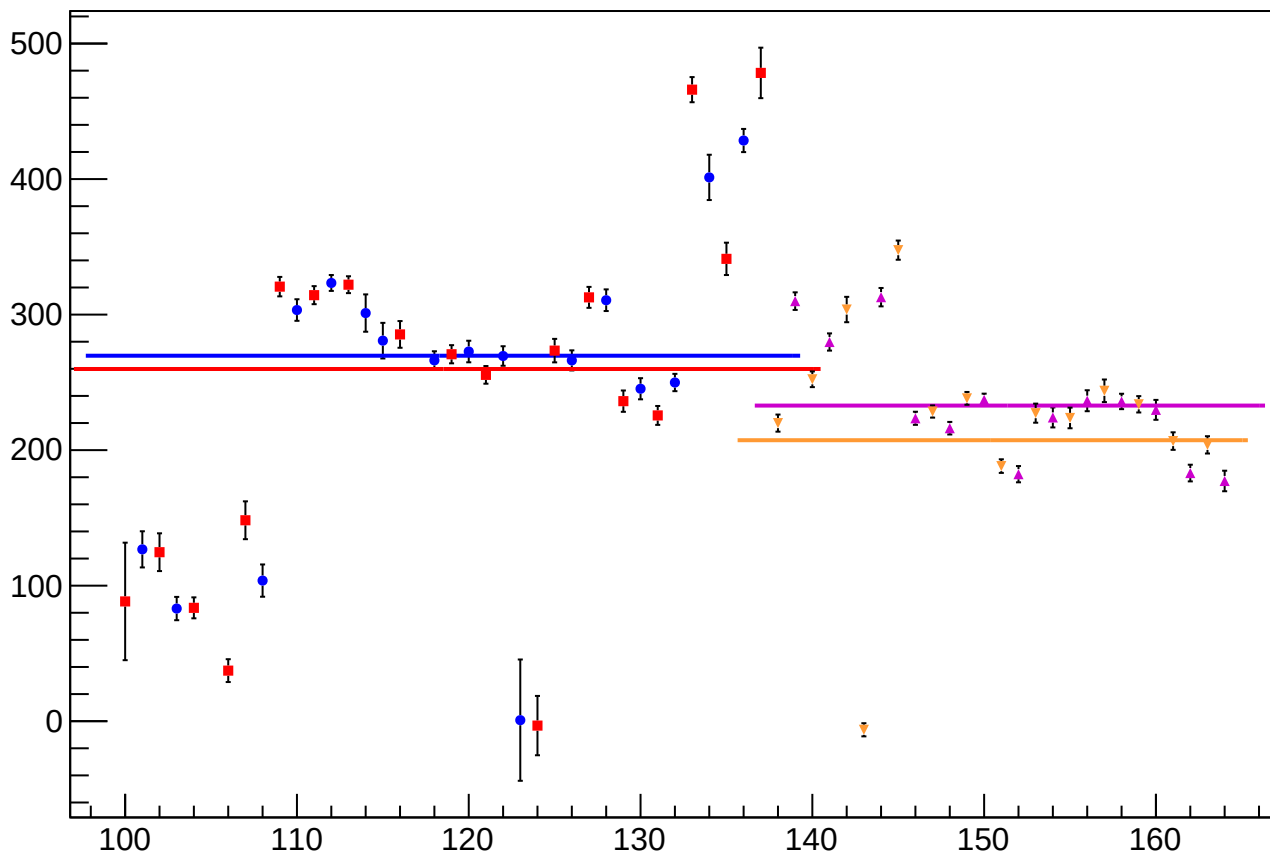
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 8.776 ± 0.789 χ^2/NDF : 383.1/29

Out: 9.774 ± 0.757 χ^2/NDF : 363.7/32

All: 9.296 ± 0.546 χ^2/NDF : 747.6/62

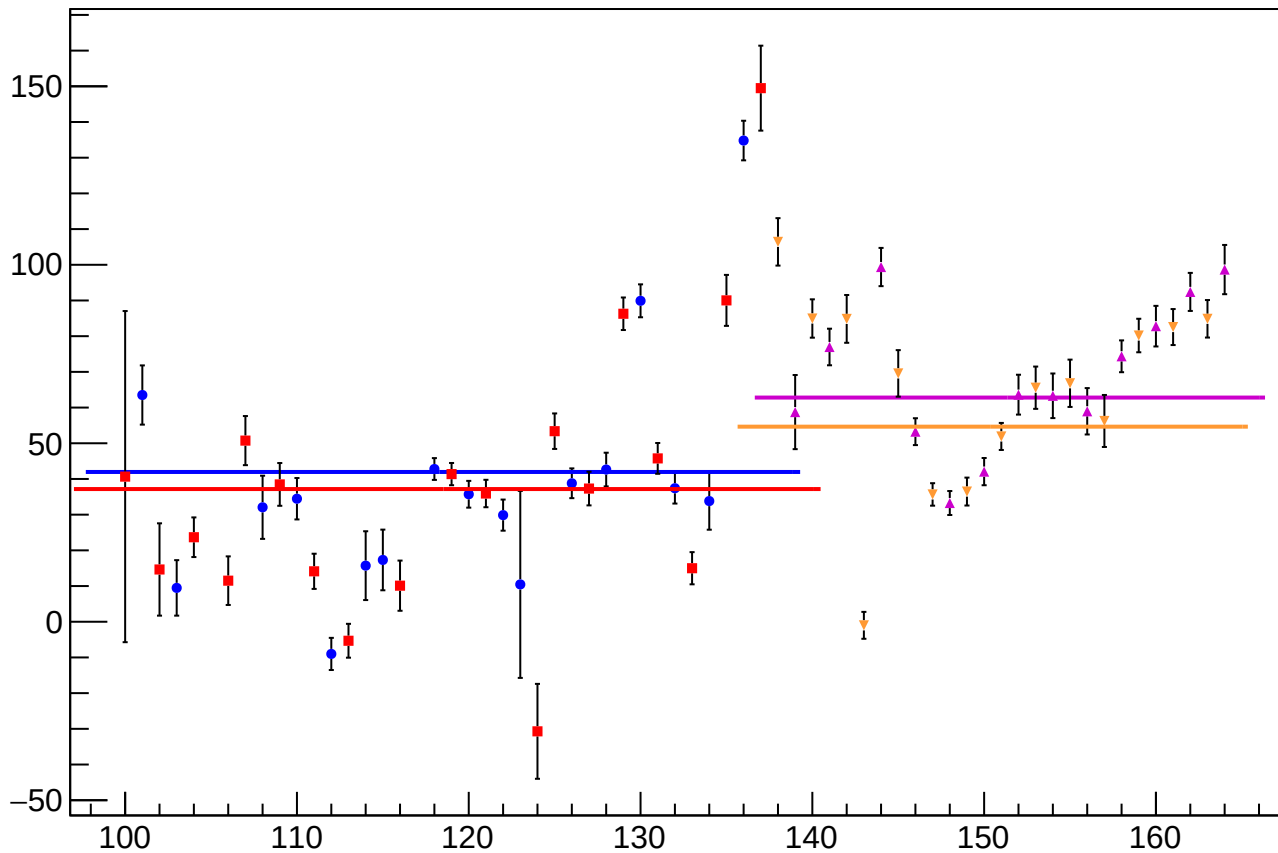
reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2/NDF : 1376.6/16
 Left Out: 207.317 $\pm$ 1.600 χ^2/NDF : 2631.8/13
 Right Out: 259.869 $\pm$ 1.977 χ^2/NDF : 2543.7/18
 Left In: 232.876 $\pm$ 1.658 χ^2/NDF : 544.9/12

Left: 219.645 $\pm$ 1.151 χ^2/NDF : 3299.8/26
 Right: 264.527 $\pm$ 1.432 χ^2/NDF : 3931.9/35
 In: 247.201 $\pm$ 1.296 χ^2/NDF : 2113.2/29
 Out: 228.125 $\pm$ 1.244 χ^2/NDF : 5602.4/32
 All: 237.275 $\pm$ 0.897 χ^2/NDF : 7828.5/62

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 54.652 $\pm$ 1.291 χ^2 /NDF:494.7/13

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 62.802 $\pm$ 1.375 χ^2 /NDF:245.1/12

Left: 58.470 $\pm$ 0.941 χ^2 /NDF: 758.5/26

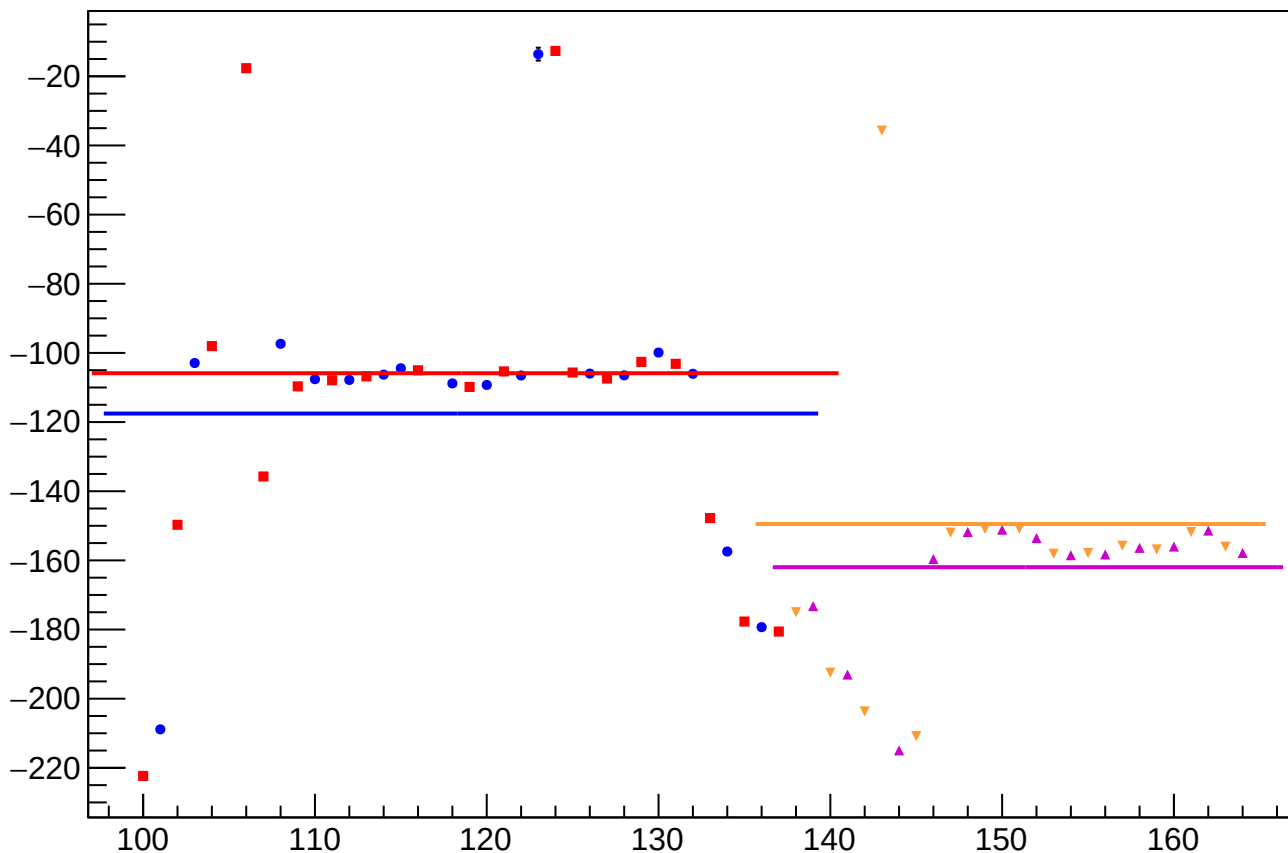
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 51.459 $\pm$ 0.928 χ^2 /NDF:944.5/29

Out: 45.533 $\pm$ 0.893 χ^2 /NDF:1061.3/32

All: 48.380 $\pm$ 0.643 χ^2 /NDF: 2026.9/62

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: -149.483+/-0.064 χ^2/NDF : 453578.1/13

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -161.963+/-0.066 χ^2/NDF : 59623.1/12

Left: -155.559+/-0.046 χ^2/NDF : 531547.9/26

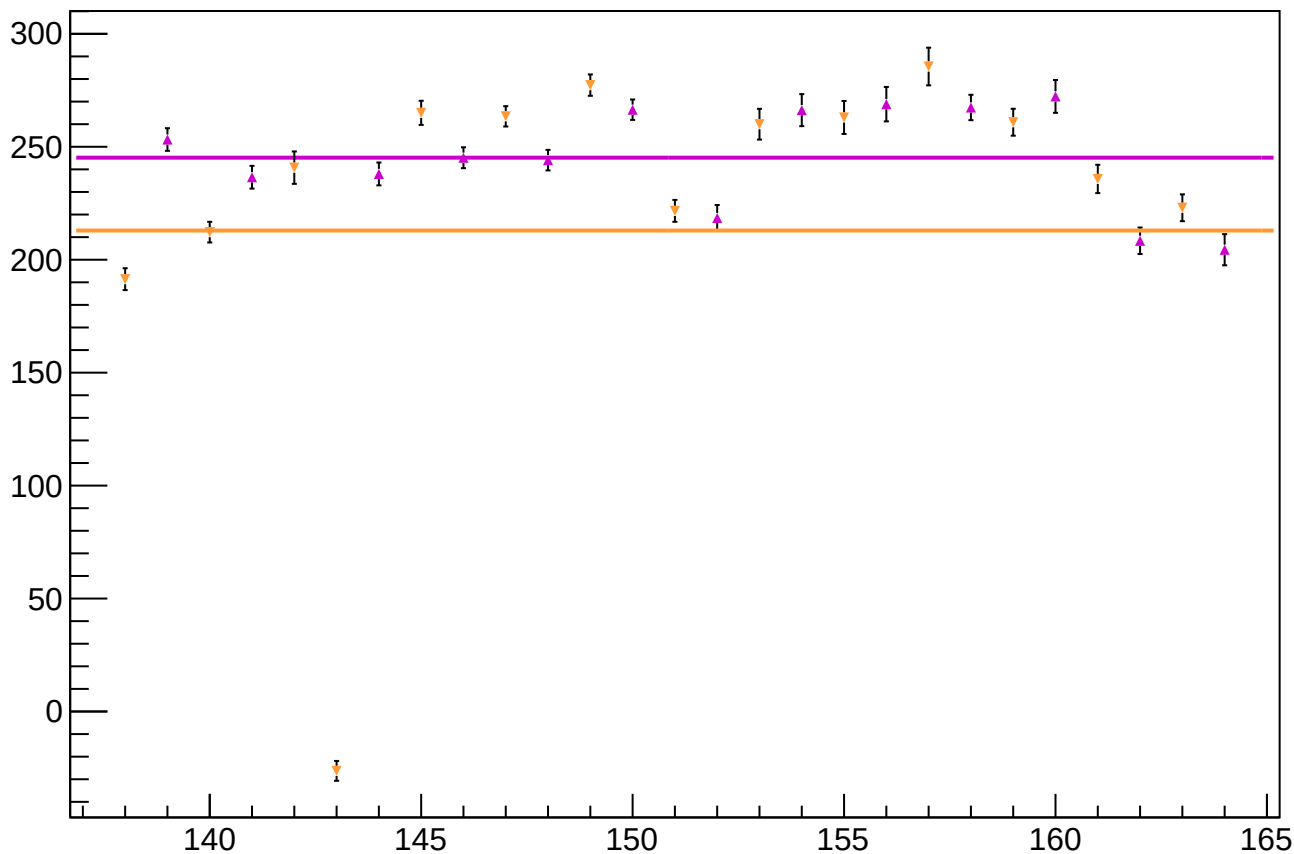
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -143.459+/-0.050 χ^2/NDF : 390389.5/29

Out: -130.367+/-0.048 χ^2/NDF : 979654.5/32

All: -136.616+/-0.035 χ^2/NDF : 1405288.6/62

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: 212.914+/-1.459 χ^2/NDF : 3658.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 245.180+/-1.524 χ^2/NDF : 173.6/12

Left: 228.336+/-1.054 χ^2/NDF : 4066.1/26

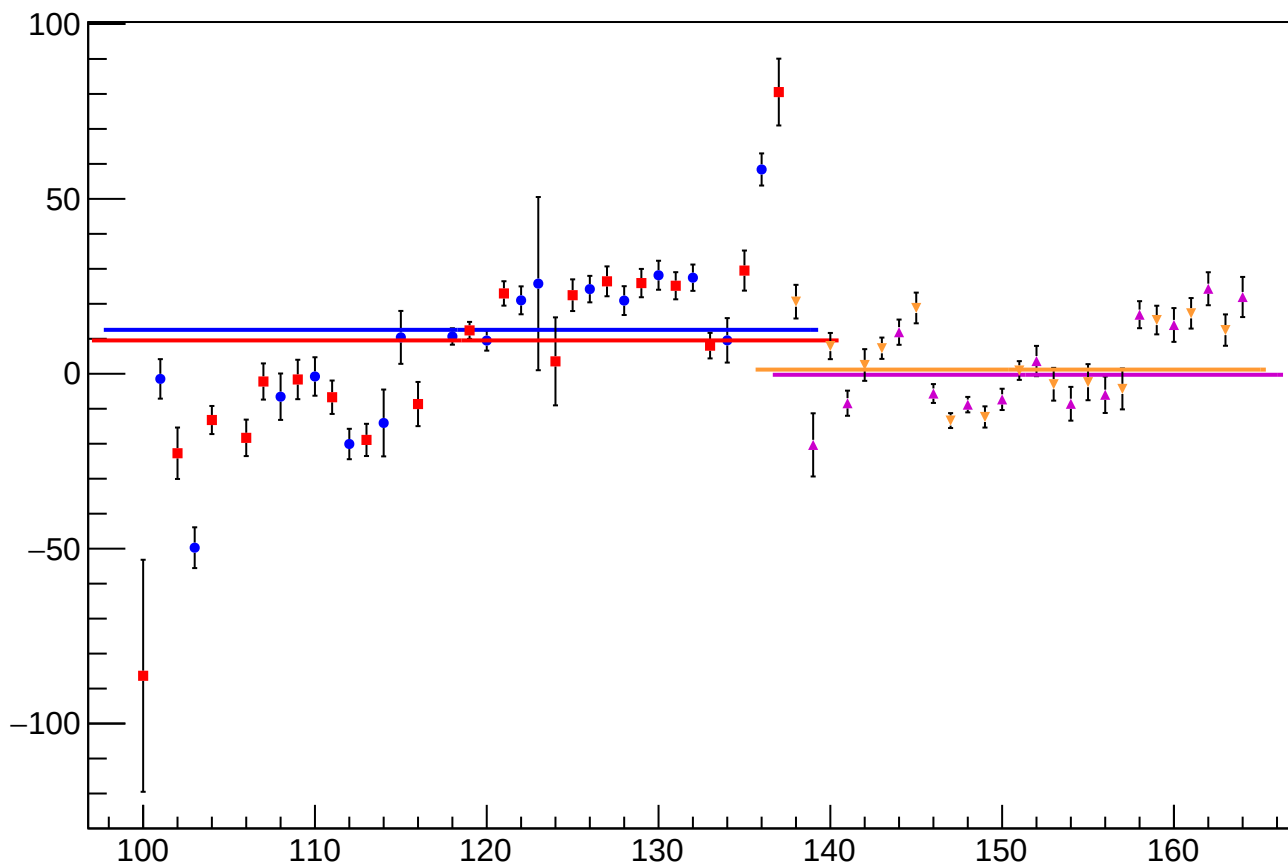
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 245.180+/-1.524 χ^2/NDF : 173.6/12

Out: 212.914+/-1.459 χ^2/NDF : 3658.6/13

All: 228.336+/-1.054 χ^2/NDF : 4066.1/26

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: 1.194+/-0.969 χ^2/NDF :140.5/13

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -0.288+/-1.034 χ^2/NDF :121.3/12

Left: 0.501+/-0.707 χ^2/NDF : 262.9/26

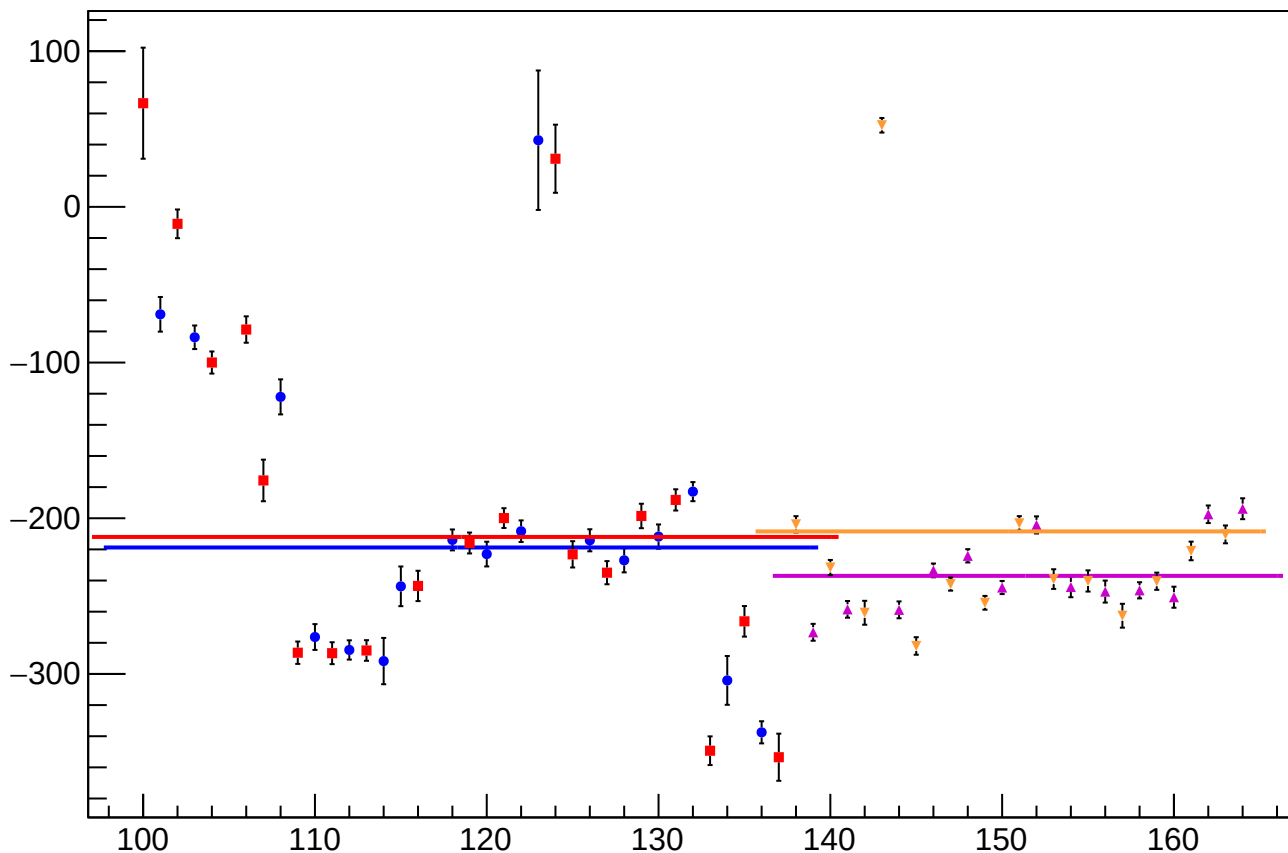
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 5.992+/-0.739 χ^2/NDF :545.3/29

Out: 5.034+/-0.712 χ^2/NDF :470.5/32

All: 5.495+/-0.513 χ^2/NDF : 1016.7/62

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: -208.449 ± 1.441 $\chi^2/\text{NDF}: 3643.0/13$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -237.004 ± 1.485 $\chi^2/\text{NDF}: 225.9/12$

Left: -222.298 ± 1.034 $\chi^2/\text{NDF}: 4059.4/26$

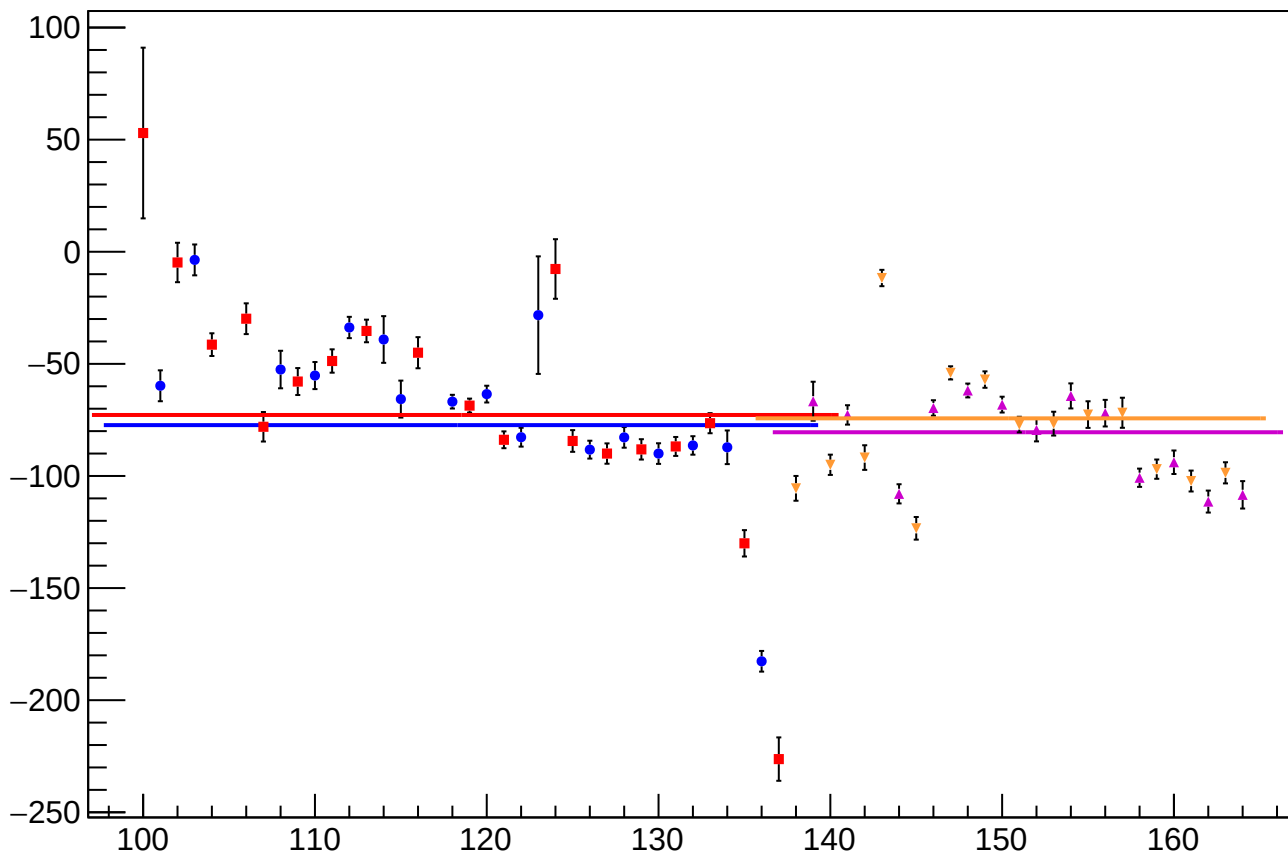
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -230.568 ± 1.194 $\chi^2/\text{NDF}: 1423.5/29$

Out: -209.727 ± 1.153 $\chi^2/\text{NDF}: 5530.8/32$

All: -219.782 ± 0.830 $\chi^2/\text{NDF}: 7112.0/62$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -74.301 ± 1.168 χ^2/NDF : 613.9/13

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.500 ± 1.237 χ^2/NDF : 207.8/12

Left: -77.224 ± 0.849 χ^2/NDF : 835.0/26

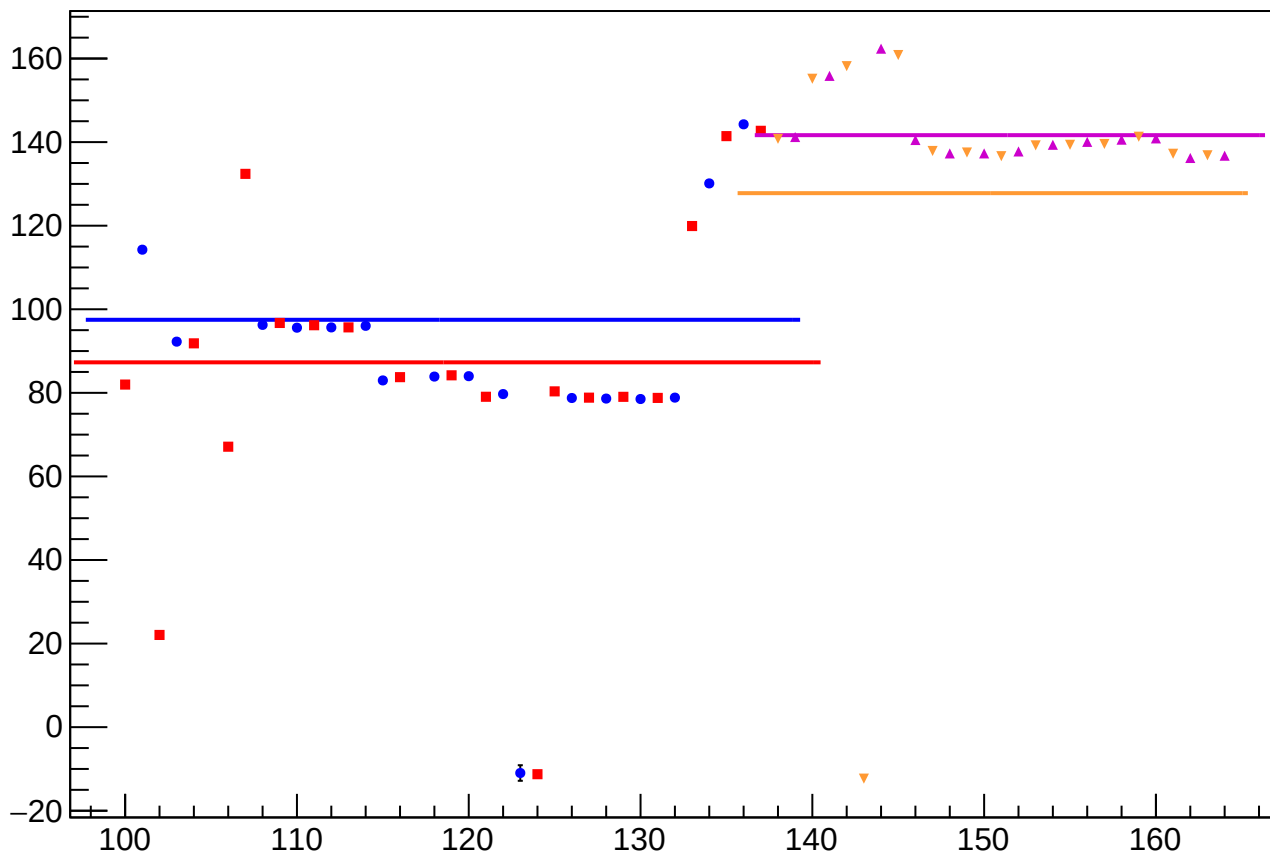
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -78.891 ± 0.869 χ^2/NDF : 1028.8/29

Out: -73.573 ± 0.839 χ^2/NDF : 1286.4/32

All: -76.139 ± 0.604 χ^2/NDF : 2334.6/62

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 127.785+/-0.058 χ^2/NDF : 628620.2/13

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 141.663+/-0.059 χ^2/NDF : 14540.2/12

Left: 134.572+/-0.041 χ^2/NDF : 671361.1/26

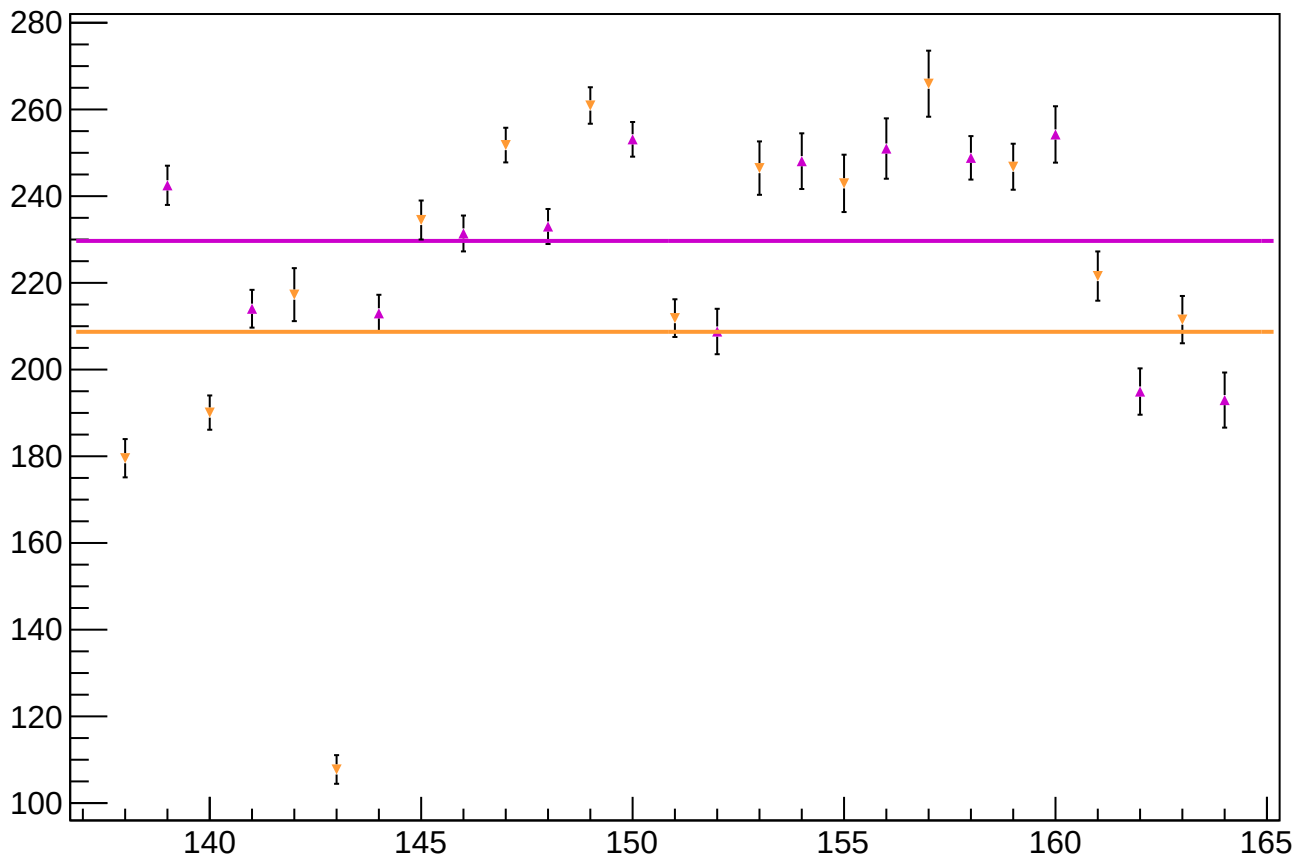
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 124.286+/-0.046 χ^2/NDF : 328931.2/29

Out: 110.869+/-0.044 χ^2/NDF : 1055542.4/32

All: 117.292+/-0.032 χ^2/NDF : 1428788.7/62

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: 208.711 ± 1.269 χ^2/NDF : 1481.3/13

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 229.676 ± 1.357 χ^2/NDF : 209.3/12

Left: 218.485 ± 0.927 χ^2/NDF : 1817.9/26

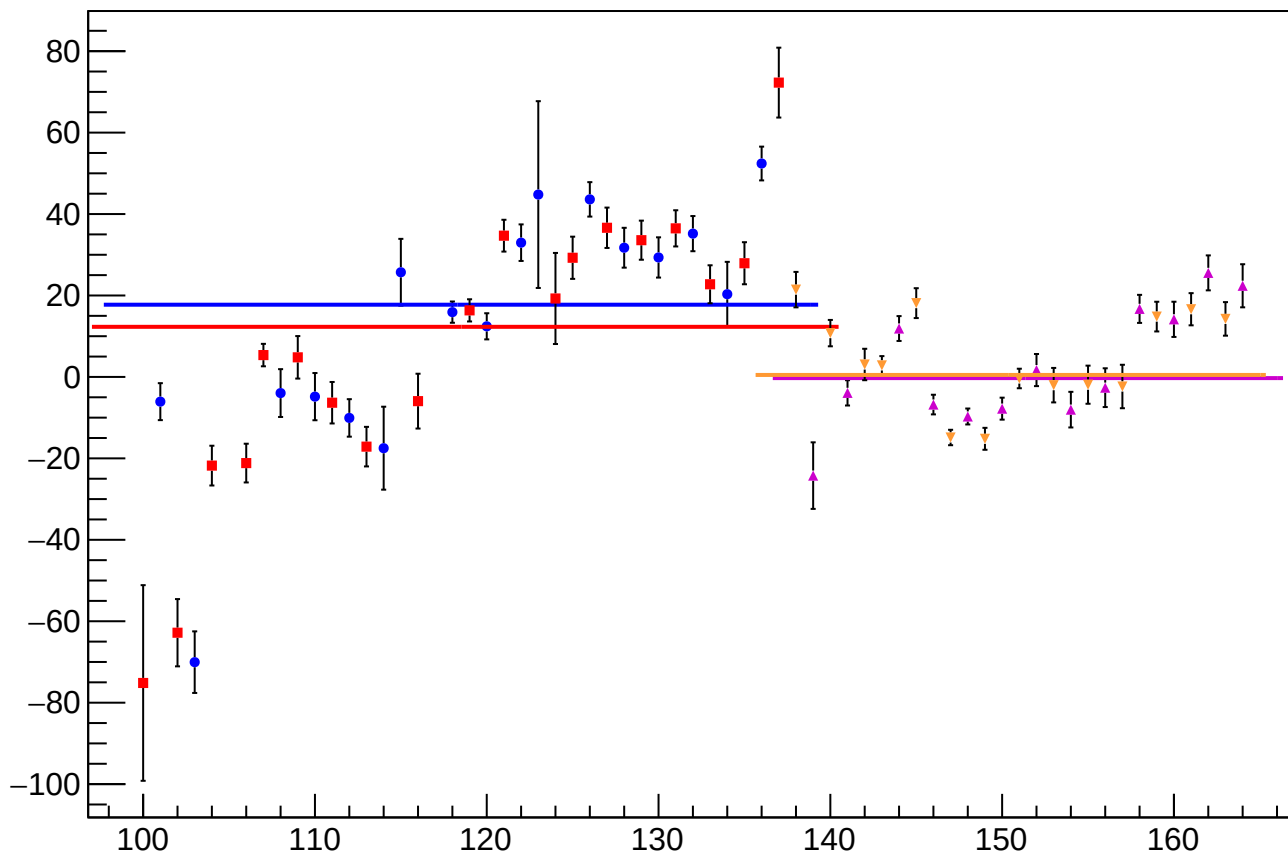
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 229.676 ± 1.357 χ^2/NDF : 209.3/12

Out: 208.711 ± 1.269 χ^2/NDF : 1481.3/13

All: 218.485 ± 0.927 χ^2/NDF : 1817.9/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 0.487 ± 0.843 $\chi^2/\text{NDF}: 201.8/13$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -0.288 ± 0.919 $\chi^2/\text{NDF}: 157.7/12$

Left: 0.133 ± 0.621 $\chi^2/\text{NDF}: 360.0/26$

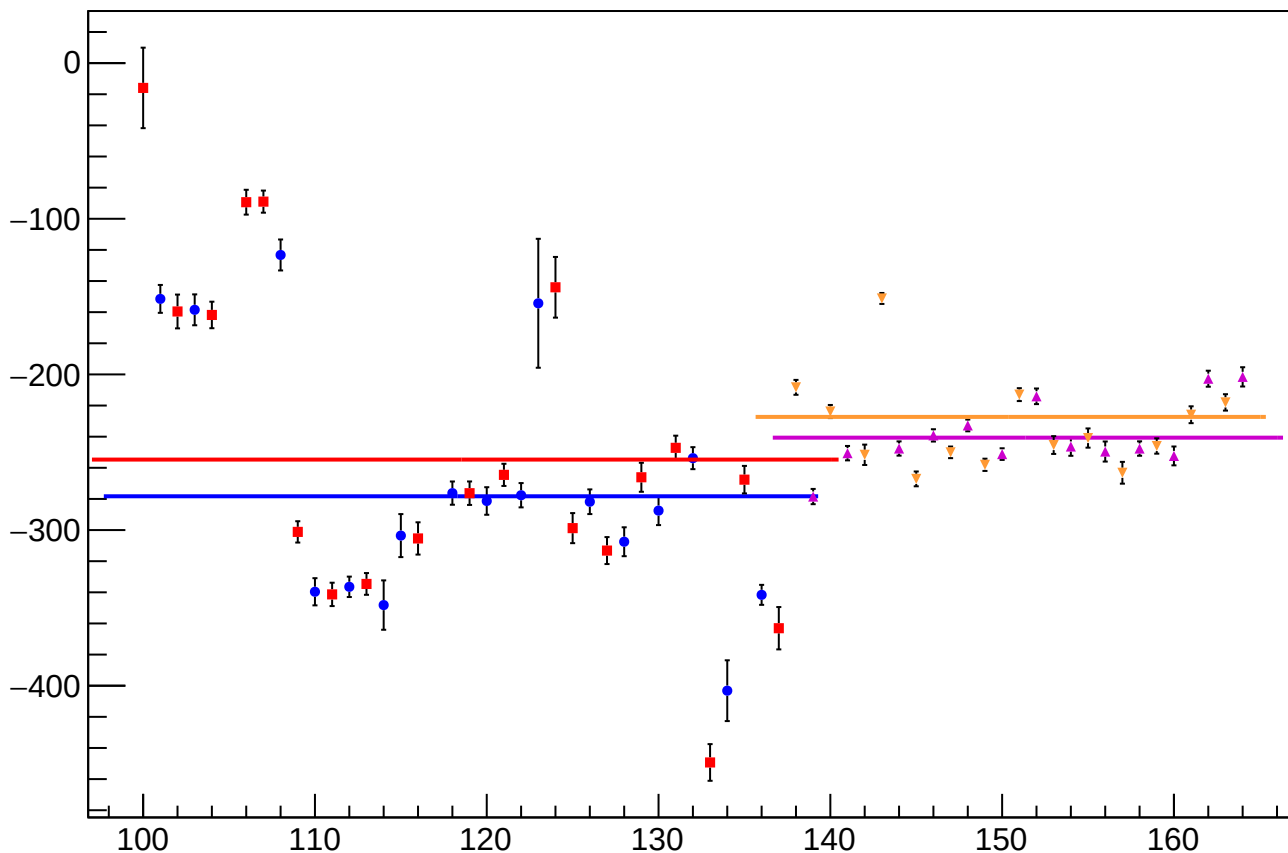
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 6.746 ± 0.717 $\chi^2/\text{NDF}: 701.9/29$

Out: 4.940 ± 0.665 $\chi^2/\text{NDF}: 718.4/32$

All: 5.775 ± 0.488 $\chi^2/\text{NDF}: 1423.7/62$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -227.296 ± 1.259 $\chi^2/\text{NDF}: 735.1/13$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -240.633 ± 1.324 $\chi^2/\text{NDF}: 209.9/12$

Left: -233.628 ± 0.912 $\chi^2/\text{NDF}: 998.4/26$

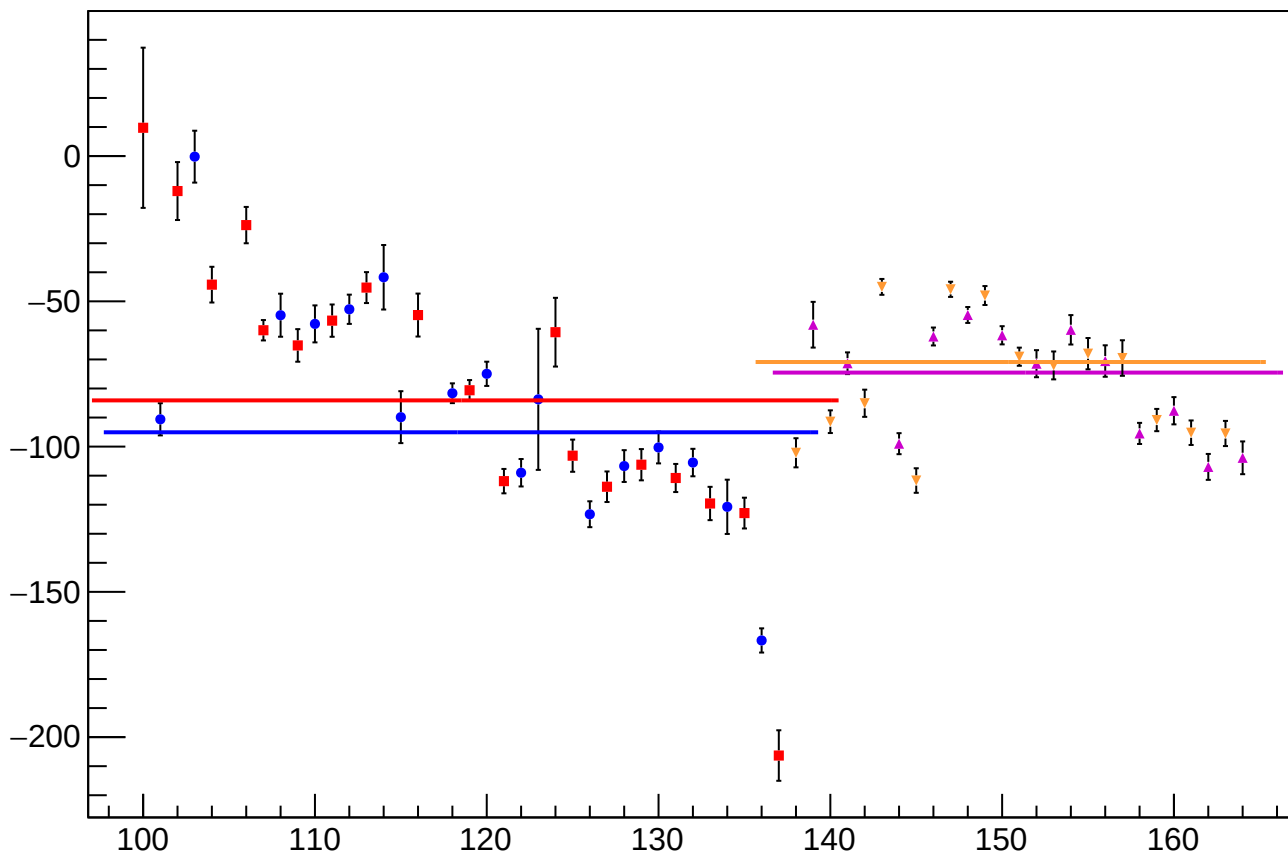
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -250.831 ± 1.130 $\chi^2/\text{NDF}: 1339.1/29$

Out: -234.970 ± 1.068 $\chi^2/\text{NDF}: 2906.0/32$

All: -242.451 ± 0.776 $\chi^2/\text{NDF}: 4349.1/62$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -70.882 ± 1.017 χ^2/NDF : 493.3/13

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -74.528 ± 1.100 χ^2/NDF : 266.8/12

Left: -72.562 ± 0.747 χ^2/NDF : 766.0/26

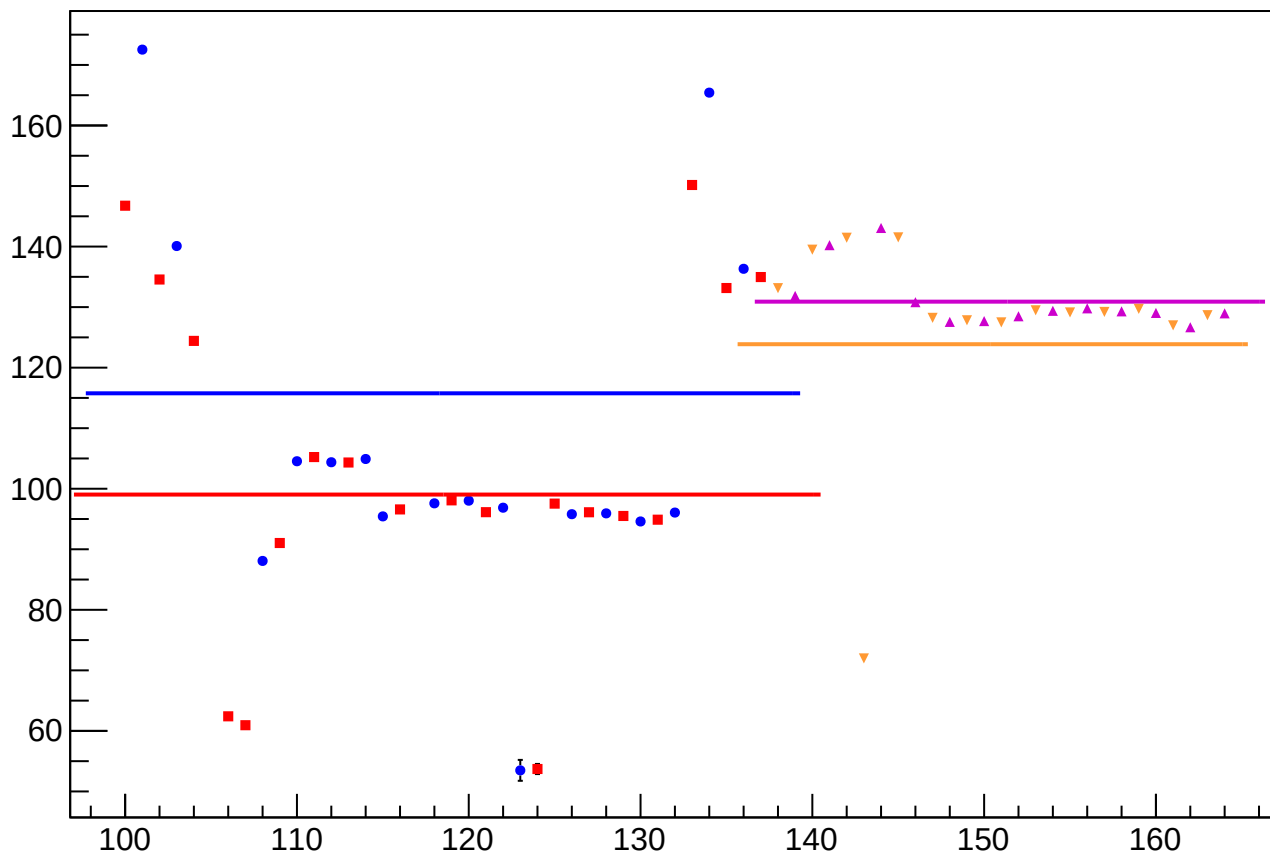
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.908 ± 0.846 χ^2/NDF : 1082.3/29

Out: -76.109 ± 0.791 χ^2/NDF : 1340.5/32

All: -79.277 ± 0.578 χ^2/NDF : 2457.2/62

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.871 $\pm$ 0.051 χ^2 /NDF:162052.1/13

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 130.901 $\pm$ 0.053 χ^2 /NDF:7920.9/12

Left: 127.237 $\pm$ 0.037 χ^2 /NDF: 179220.5/26

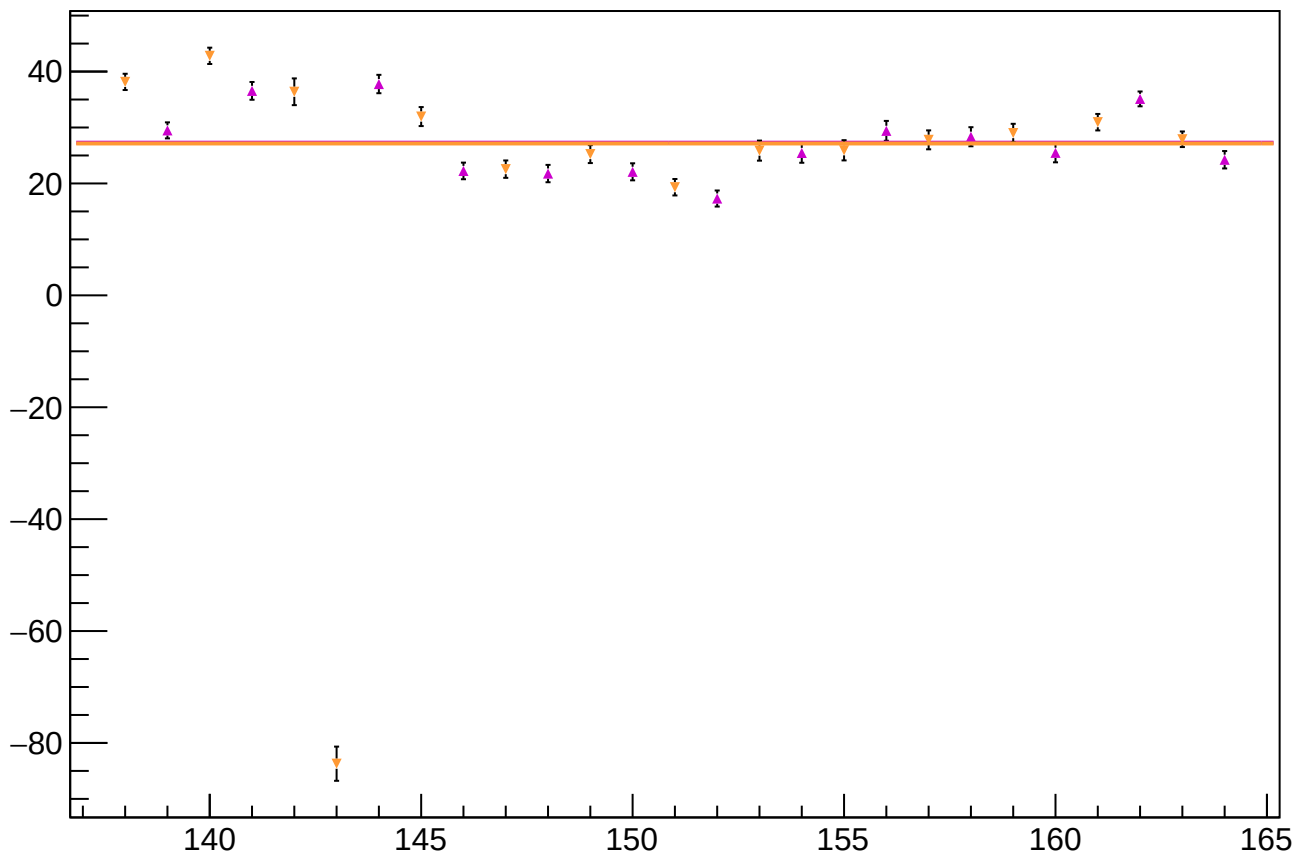
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.155 $\pm$ 0.044 χ^2 /NDF:140018.6/29

Out: 115.104 $\pm$ 0.041 χ^2 /NDF:420621.7/32

All: 120.233 $\pm$ 0.030 χ^2 /NDF: 594876.3/62

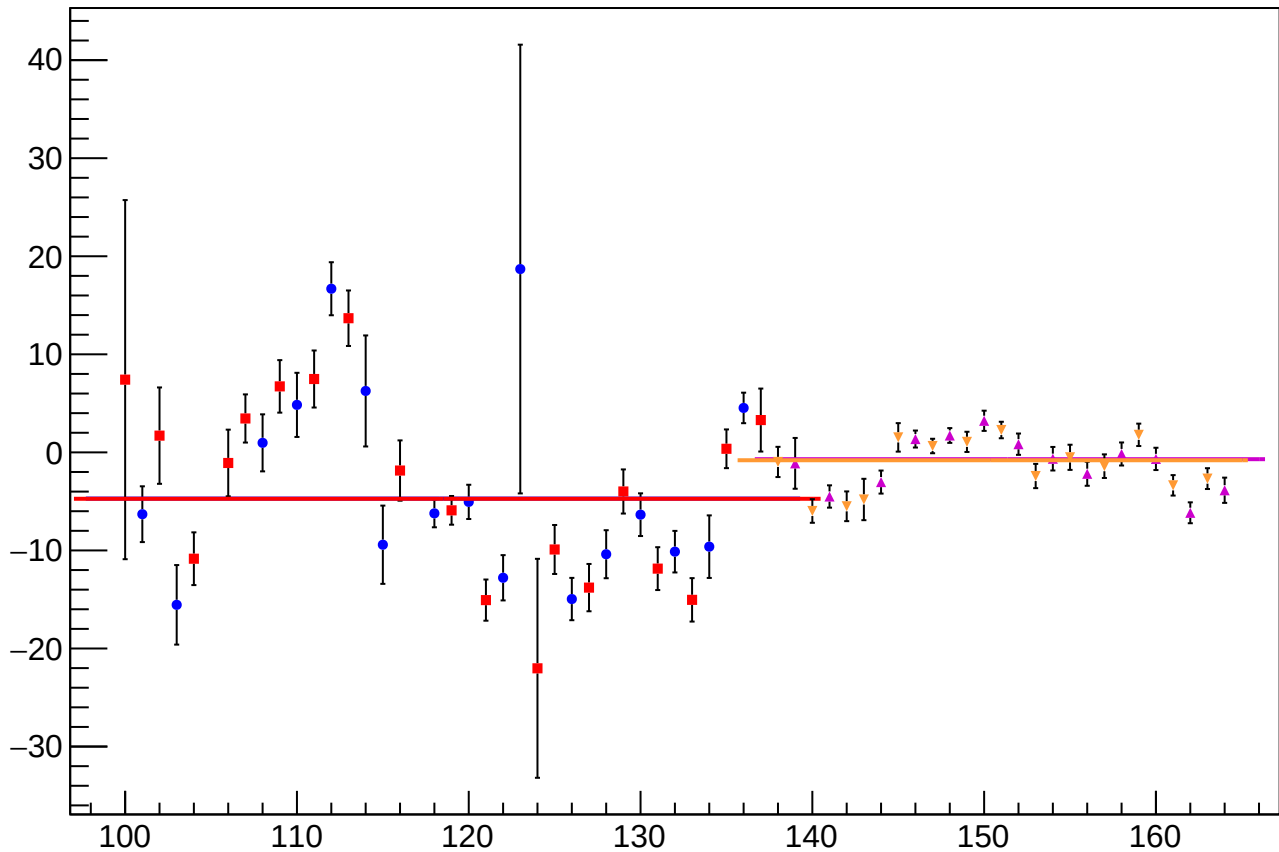
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 27.146+/-0.441 χ^2/NDF :1559.6/13
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 27.282+/-0.432 χ^2/NDF :204.1/12

Left: 27.215+/-0.309 χ^2/NDF : 1763.8/26
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 27.282+/-0.432 χ^2/NDF :204.1/12
 Out: 27.146+/-0.441 χ^2/NDF :1559.6/13
 All: 27.215+/-0.309 χ^2/NDF : 1763.8/26

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: -0.802 ± 0.302 χ^2/NDF : 71.2/13

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -0.694 ± 0.303 χ^2/NDF : 81.5/12

Left: -0.749 ± 0.214 χ^2/NDF : 152.8/26

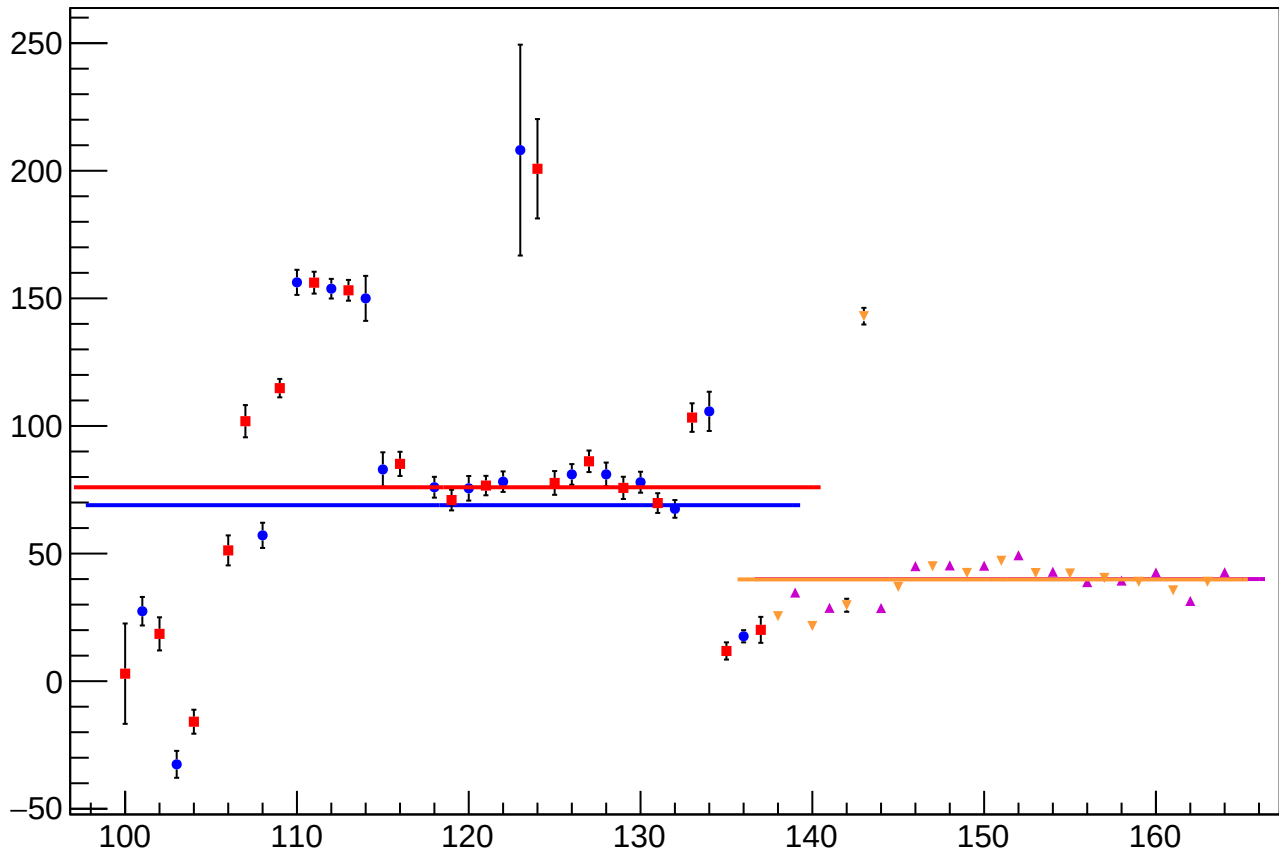
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.556 ± 0.269 χ^2/NDF : 293.8/29

Out: -1.629 ± 0.268 χ^2/NDF : 296.6/32

All: -1.592 ± 0.190 χ^2/NDF : 590.4/62

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 39.879 $\pm$ 0.430 χ^2 /NDF:1298.3/13

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 40.020 $\pm$ 0.420 χ^2 /NDF:238.4/12

Left: 39.951 $\pm$ 0.300 χ^2 /NDF: 1536.8/26

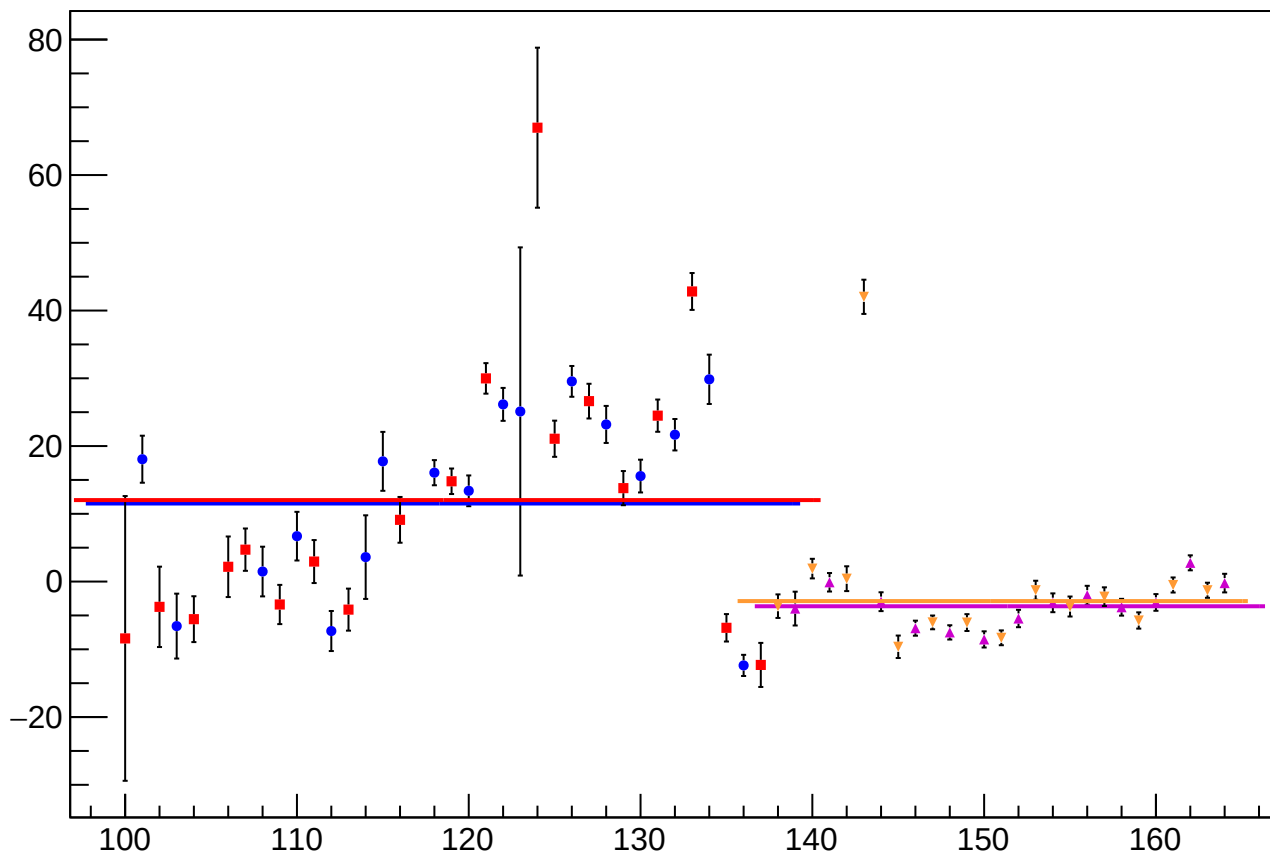
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 43.823 $\pm$ 0.391 χ^2 /NDF:2707.3/29

Out: 44.901 $\pm$ 0.399 χ^2 /NDF:4174.4/32

All: 44.351 $\pm$ 0.279 χ^2 /NDF: 6885.4/62

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: -2.882 $\pm$ 0.356 χ^2 /NDF:402.1/13

Right Out: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

Left In: -3.645 $\pm$ 0.355 χ^2 /NDF:89.0/12

Left: -3.265 $\pm$ 0.252 χ^2 /NDF: 493.4/26

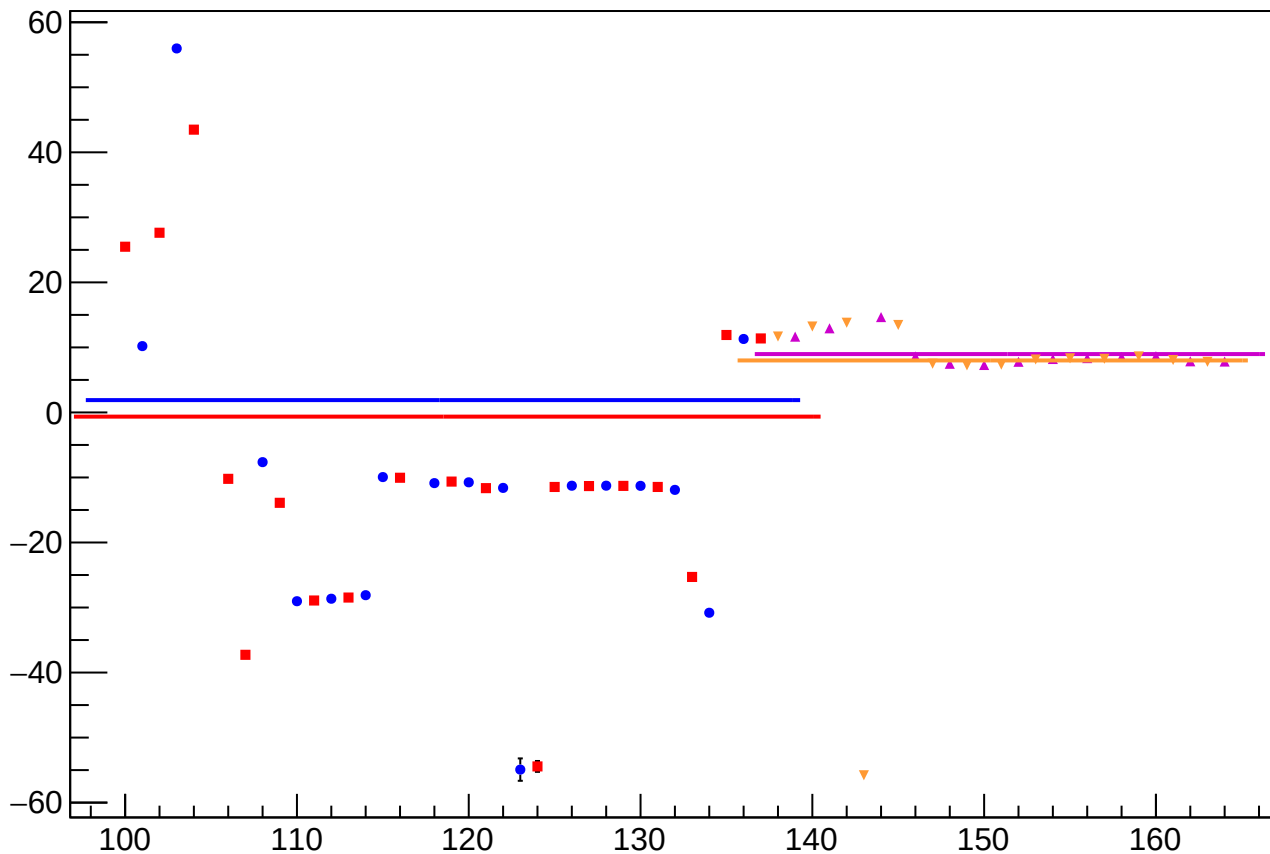
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: -0.237 $\pm$ 0.313 χ^2 /NDF:975.9/29

Out: 0.447 $\pm$ 0.314 χ^2 /NDF:1333.0/32

All: 0.104 $\pm$ 0.222 χ^2 /NDF: 2311.3/62

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.996 $\pm$ 0.017 χ^2/NDF : 256470.4/13

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 8.976 $\pm$ 0.016 χ^2/NDF : 14330.1/12

Left: 8.497 $\pm$ 0.012 χ^2/NDF : 272542.0/26

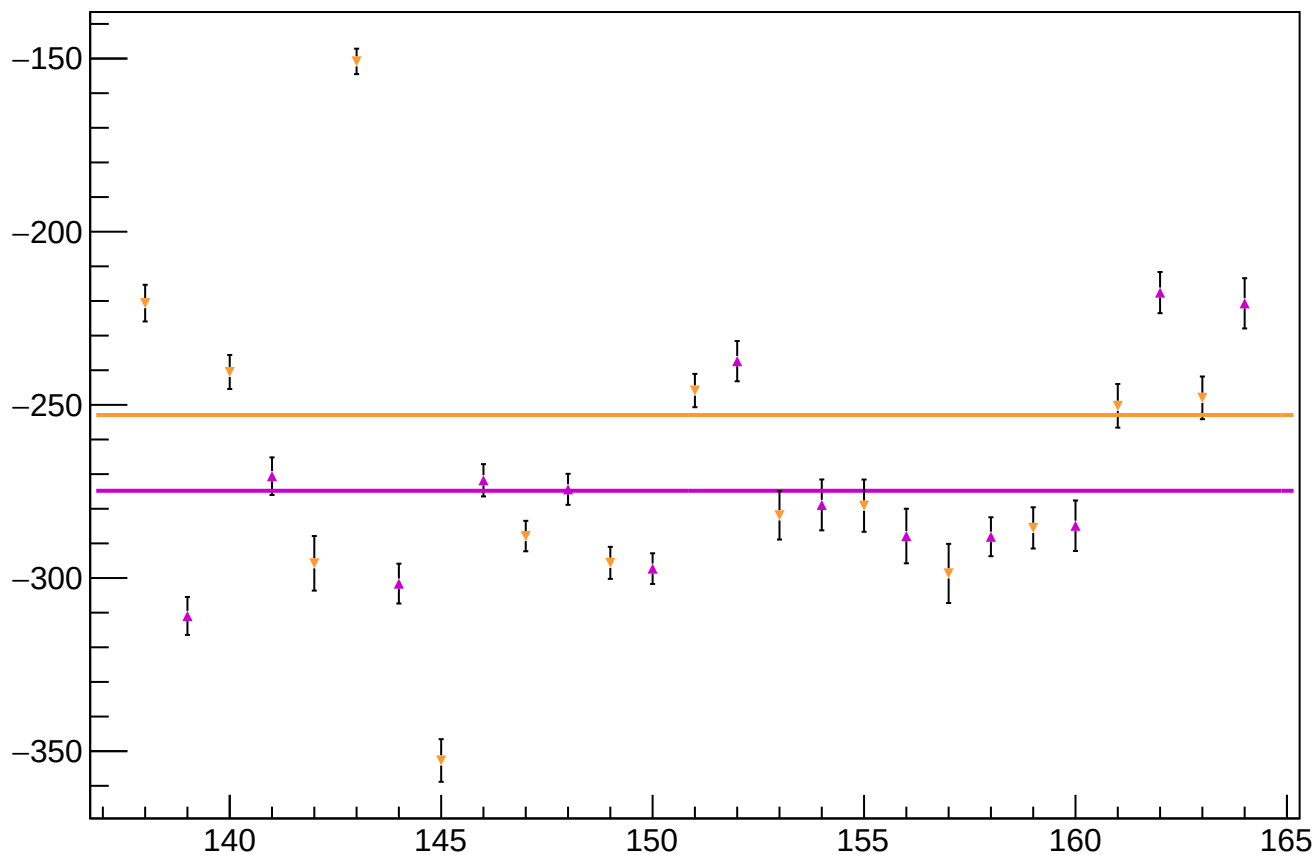
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.814 $\pm$ 0.015 χ^2/NDF : 403716.7/29

Out: 6.525 $\pm$ 0.015 χ^2/NDF : 663217.4/32

All: 7.181 $\pm$ 0.011 χ^2/NDF : 1070551.7/62

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: -252.930+/-1.464 χ^2/NDF :1346.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.804+/-1.569 χ^2/NDF :292.2/12

Left: -263.109+/-1.070 χ^2/NDF : 1742.6/26

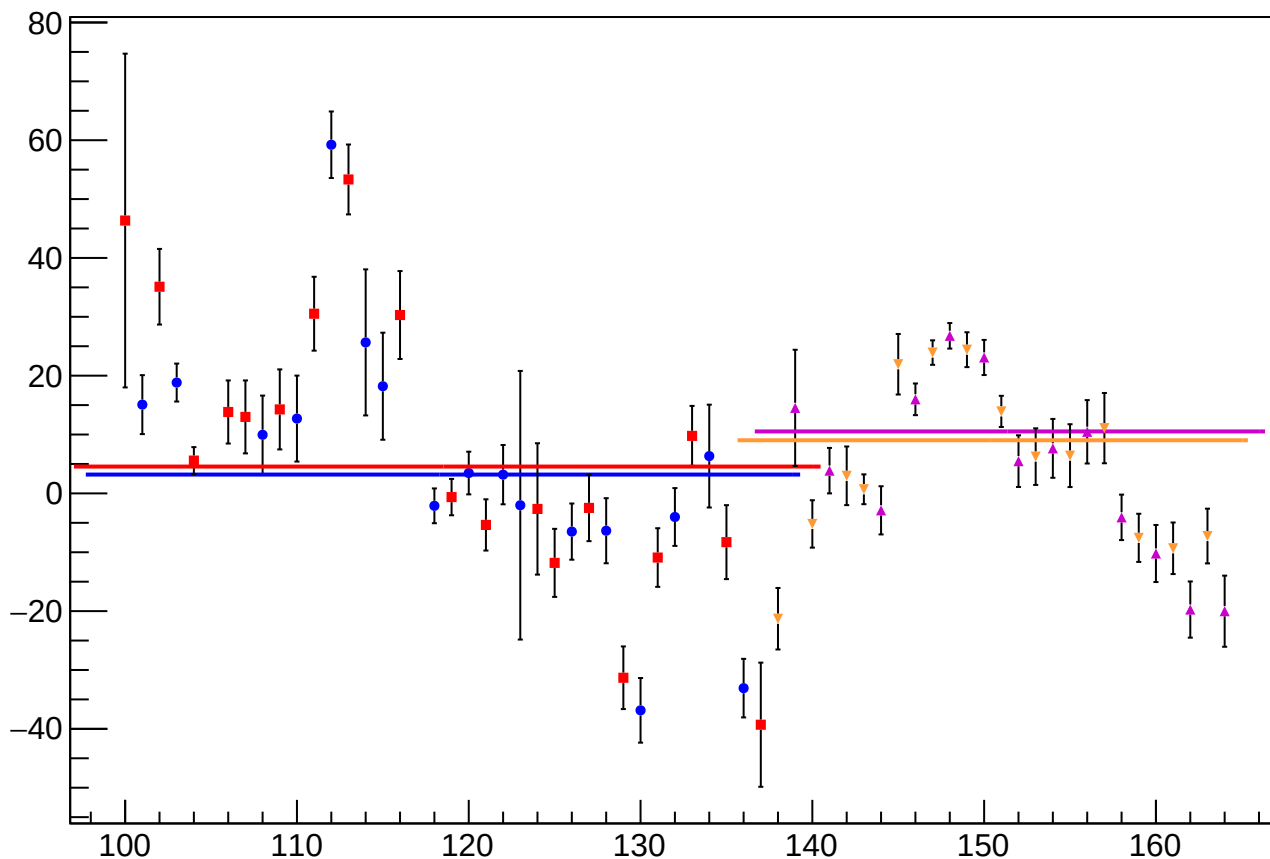
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.804+/-1.569 χ^2/NDF :292.2/12

Out: -252.930+/-1.464 χ^2/NDF :1346.5/13

All: -263.109+/-1.070 χ^2/NDF : 1742.6/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2/NDF : 255.2/16

Left Out: 9.025 $\pm$ 0.960 χ^2/NDF :193.3/13

Right Out: 4.558 $\pm$ 1.158 χ^2/NDF : 223.9/18

Left In: 10.527 $\pm$ 1.050 χ^2/NDF :191.7/12

Left: 9.709 $\pm$ 0.709 χ^2/NDF : 386.1/26

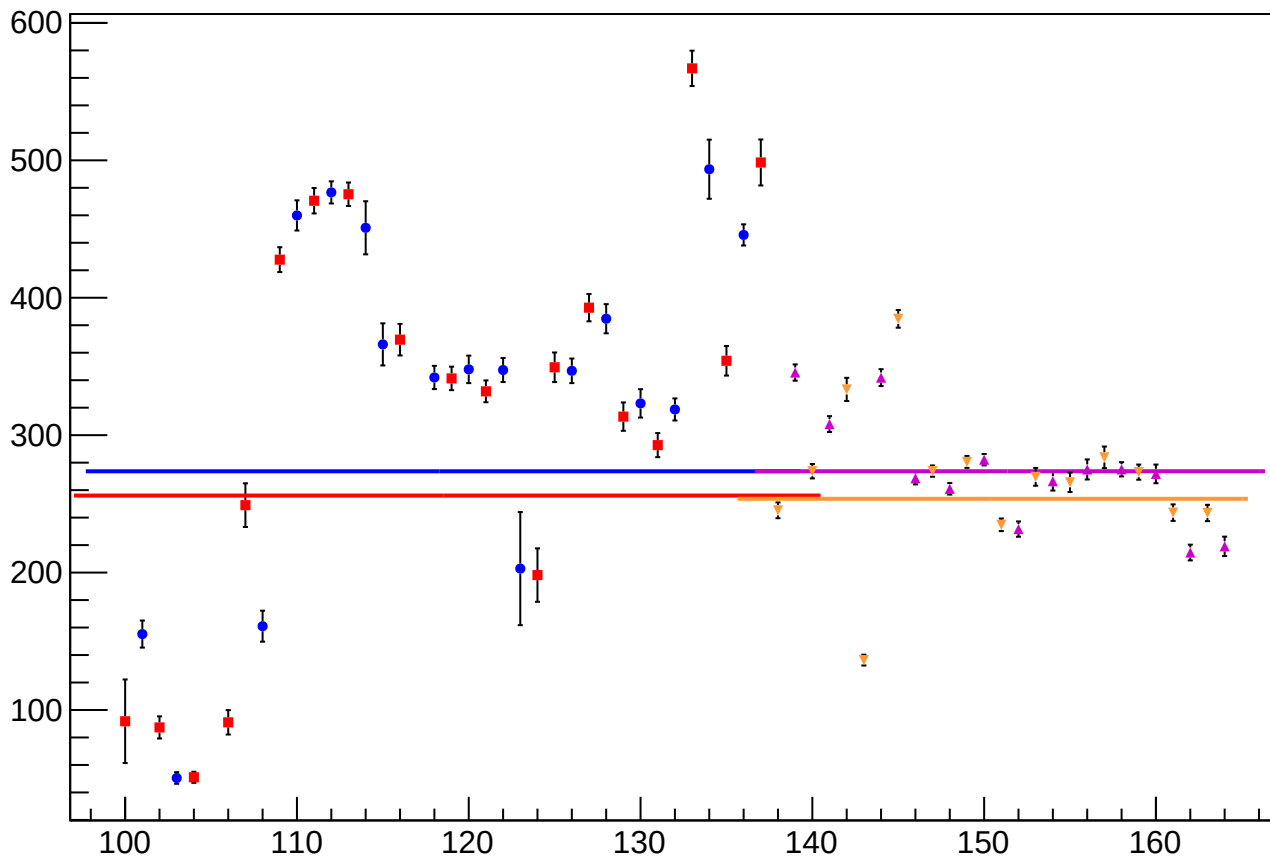
Right: 3.919 $\pm$ 0.842 χ^2/NDF : 479.7/35

In: 7.430 $\pm$ 0.798 χ^2/NDF :467.4/29

Out: 7.204 $\pm$ 0.739 χ^2/NDF :426.0/32

All: 7.309 $\pm$ 0.542 χ^2/NDF : 893.5/62

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: 253.706 $\pm$ 1.444 χ^2 /NDF:1535.1/13

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 273.749 $\pm$ 1.521 χ^2 /NDF:544.2/12

Left: 263.207 $\pm$ 1.047 χ^2 /NDF: 2170.6/26

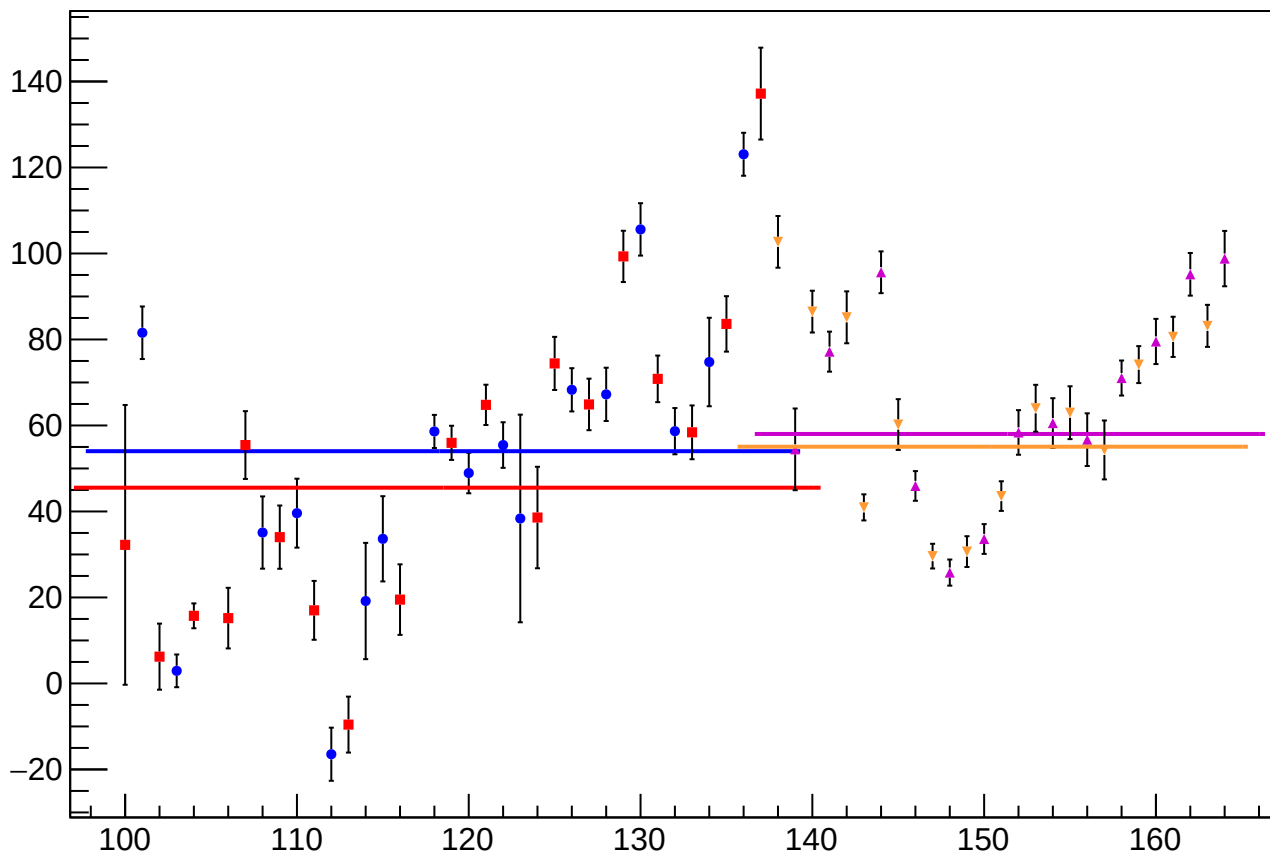
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 273.739 $\pm$ 1.250 χ^2 /NDF:5647.5/29

Out: 254.471 $\pm$ 1.186 χ^2 /NDF:7977.1/32

All: 263.598 $\pm$ 0.860 χ^2 /NDF: 13749.5/62

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: 55.060 $\pm$ 1.161 χ^2 /NDF:374.8/13

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 58.021 $\pm$ 1.260 χ^2 /NDF:375.1/12

Left: 56.421 $\pm$ 0.854 χ^2 /NDF: 752.9/26

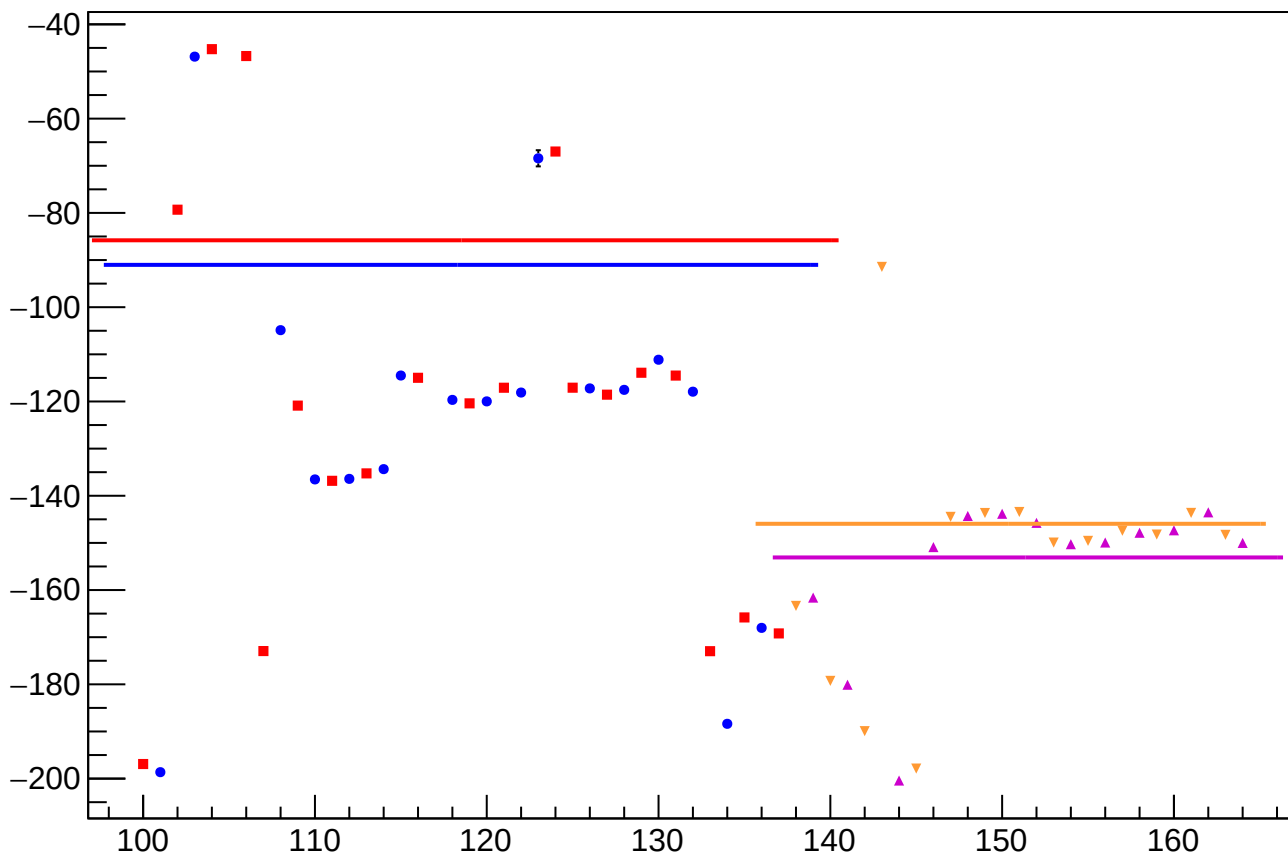
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 56.262 $\pm$ 0.943 χ^2 /NDF:1012.4/29

Out: 51.031 $\pm$ 0.882 χ^2 /NDF:930.1/32

All: 53.472 $\pm$ 0.644 χ^2 /NDF: 1958.9/62

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2/NDF : 534258.1/16

Left Out: -145.947 $\pm$ 0.058 χ^2/NDF : 205665.6/13

Right Out: -85.811 $\pm$ 0.065 χ^2/NDF : 495868.7/18

Left In: -153.086 $\pm$ 0.061 χ^2/NDF : 55756.2/12

Left: -149.365 $\pm$ 0.042 χ^2/NDF : 268649.6/26

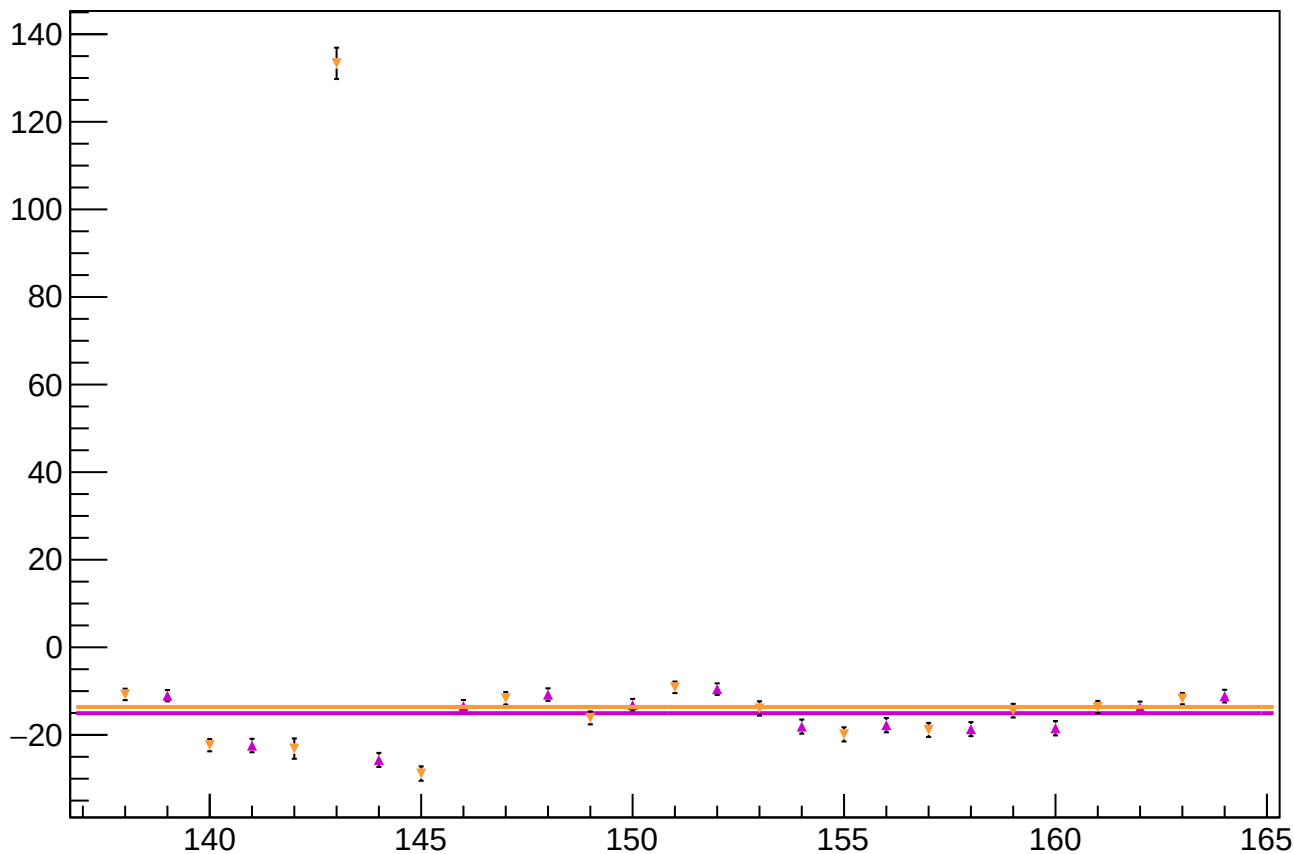
Right: -88.315 $\pm$ 0.047 χ^2/NDF : 1033213.2/35

In: -125.411 $\pm$ 0.045 χ^2/NDF : 1057342.3/29

Out: -119.243 $\pm$ 0.043 χ^2/NDF : 1177089.2/32

All: -122.202 $\pm$ 0.031 χ^2/NDF : 2244153.8/62

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: -13.617+/-0.413 χ^2/NDF :1873.2/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.038+/-0.405 χ^2/NDF :130.1/12

Left: -14.343+/-0.289 χ^2/NDF : 2009.3/26

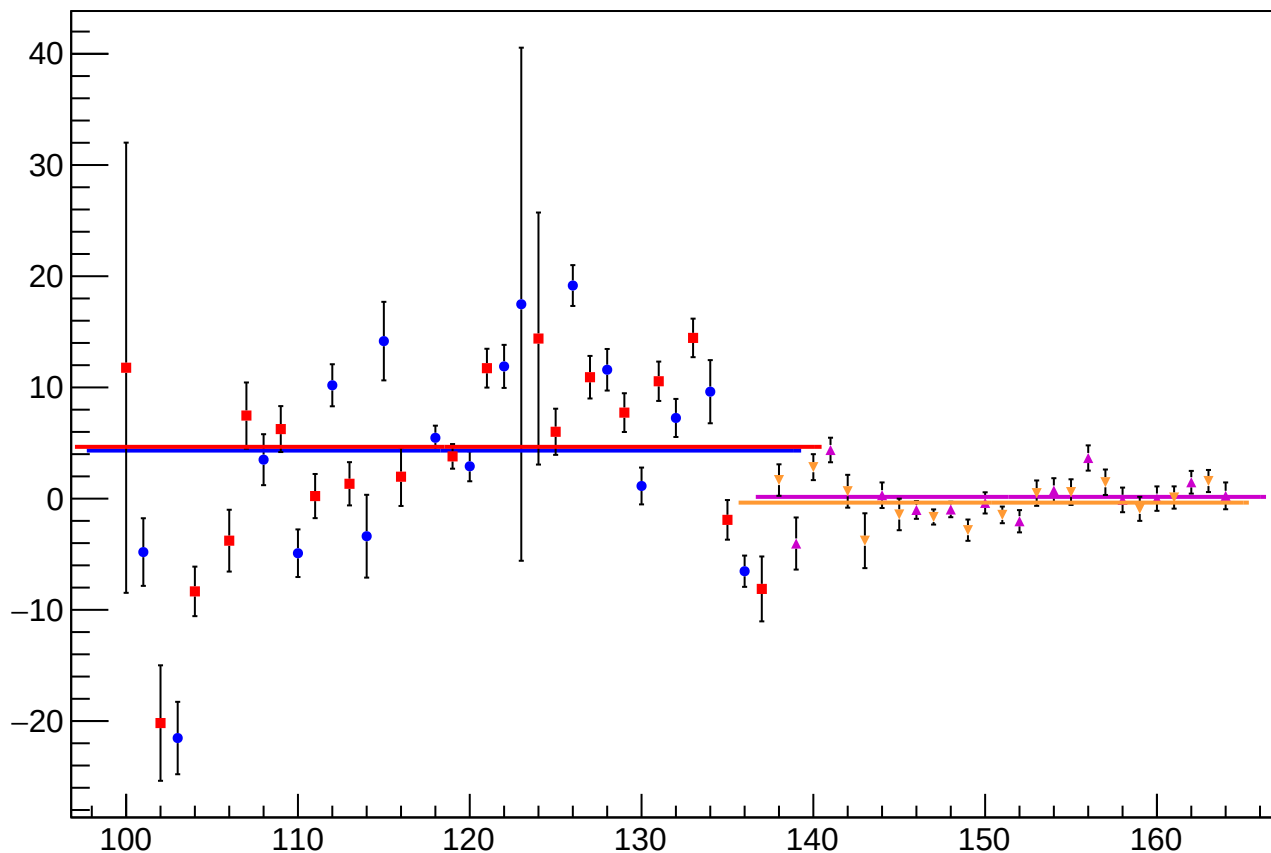
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.038+/-0.405 χ^2/NDF :130.1/12

Out: -13.617+/-0.413 χ^2/NDF :1873.2/13

All: -14.343+/-0.289 χ^2/NDF : 2009.3/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: -0.359 $\pm$ 0.282 χ^2 /NDF:33.1/13

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 0.158 $\pm$ 0.284 χ^2 /NDF:39.2/12

Left: -0.102 $\pm$ 0.200 χ^2 /NDF: 73.9/26

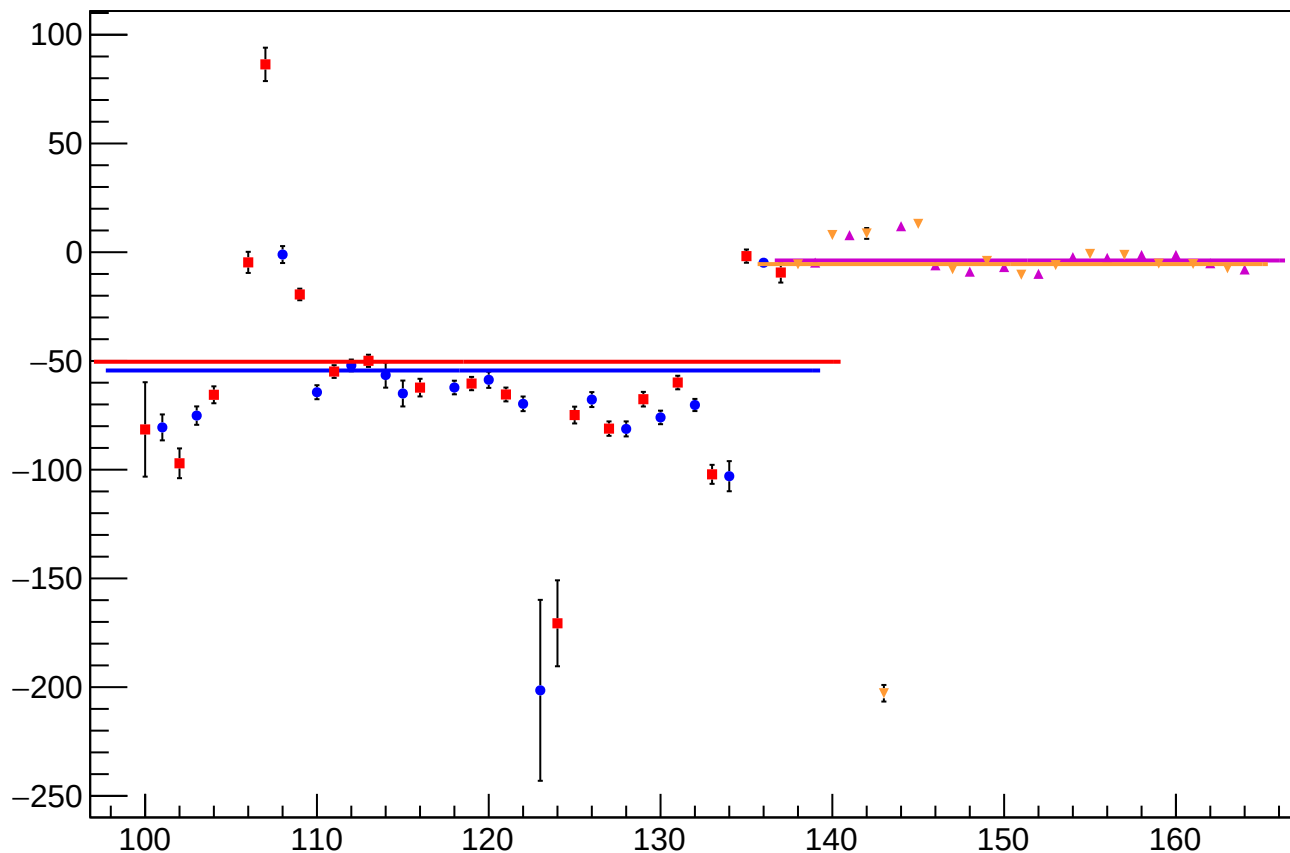
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 1.290 $\pm$ 0.243 χ^2 /NDF:377.8/29

Out: 0.956 $\pm$ 0.243 χ^2 /NDF:300.3/32

All: 1.123 $\pm$ 0.172 χ^2 /NDF: 679.0/62

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: -5.467 ± 0.403 $\chi^2/\text{NDF}: 2936.3/13$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.799 ± 0.393 $\chi^2/\text{NDF}: 198.3/12$

Left: -4.613 ± 0.281 $\chi^2/\text{NDF}: 3143.4/26$

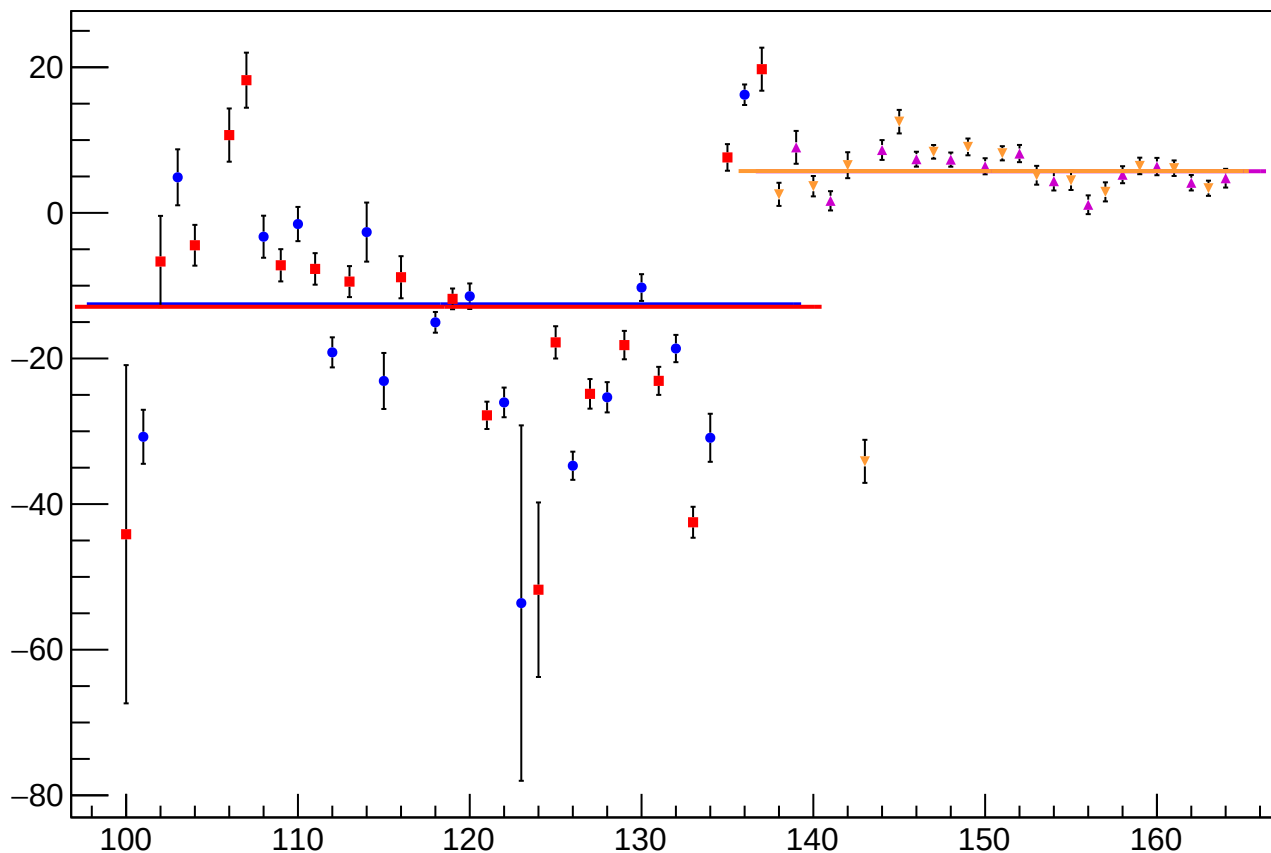
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.458 ± 0.358 $\chi^2/\text{NDF}: 4050.5/29$

Out: -13.574 ± 0.364 $\chi^2/\text{NDF}: 6503.4/32$

All: -13.006 ± 0.255 $\chi^2/\text{NDF}: 10558.7/62$

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: 5.744 ± 0.334 χ^2/NDF : 239.9/13

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.717 ± 0.333 χ^2/NDF : 43.1/12

Left: 5.731 ± 0.236 χ^2/NDF : 283.1/26

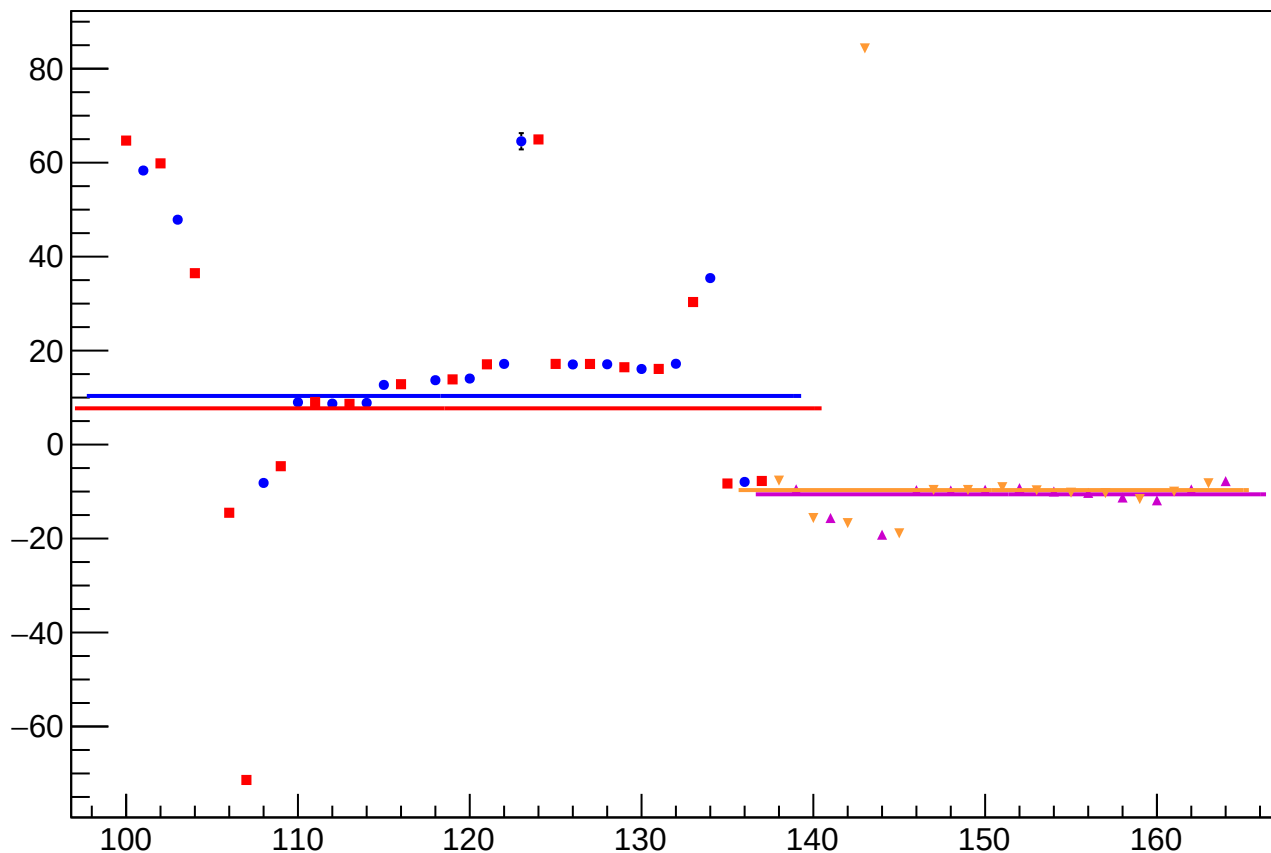
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.554 ± 0.282 χ^2/NDF : 1671.3/29

Out: 0.565 ± 0.284 χ^2/NDF : 1835.1/32

All: 0.559 ± 0.200 χ^2/NDF : 3506.4/62

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.686+/-0.016 χ^2/NDF :409891.2/13

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.585+/-0.015 χ^2/NDF :24335.4/12

Left: -10.146+/-0.011 χ^2/NDF : 435898.9/26

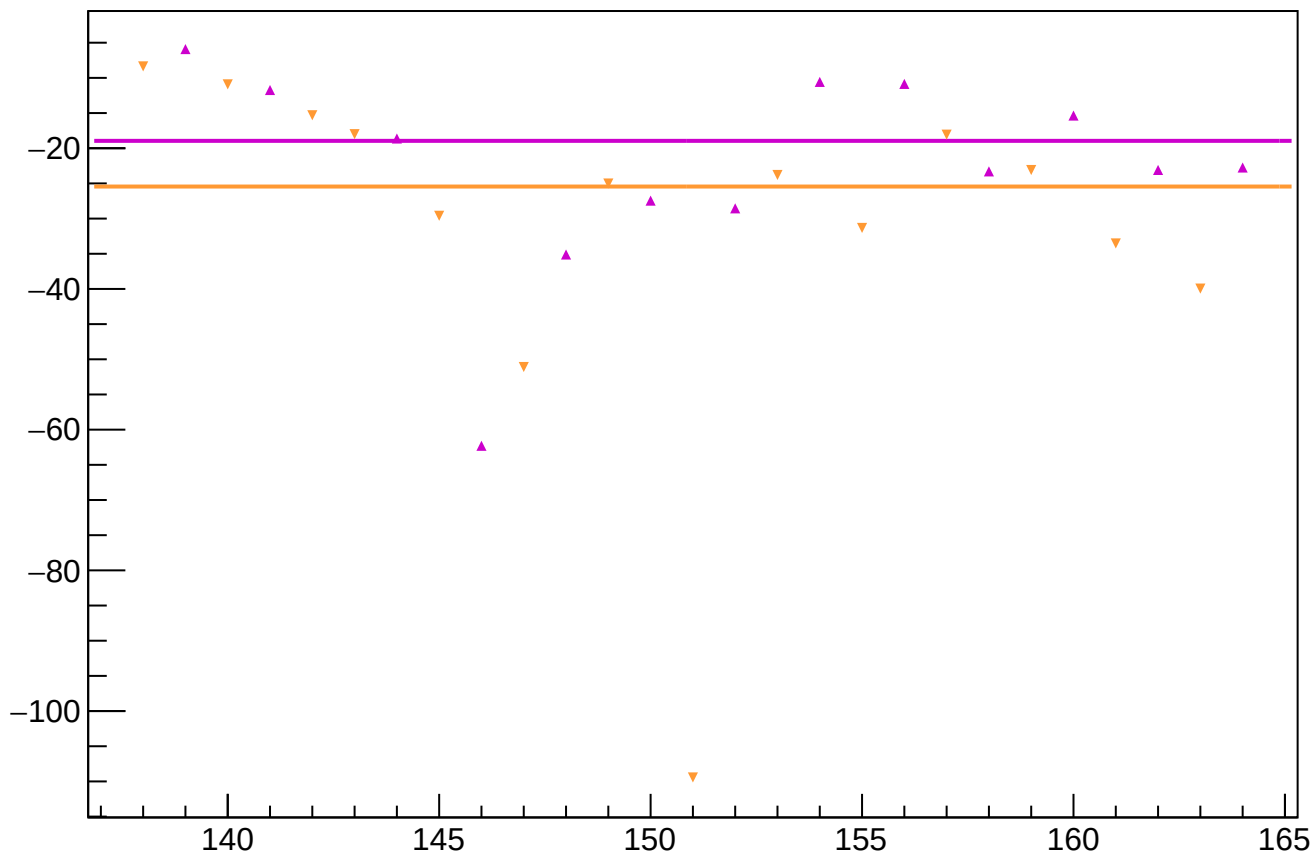
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -6.367+/-0.014 χ^2/NDF :779460.3/29

Out: -6.177+/-0.014 χ^2/NDF :1202263.5/32

All: -6.274+/-0.010 χ^2/NDF : 1981817.4/62

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: -25.444 +/- 0.069 χ^2 /NDF: 56393.1/13

Right Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left In: -18.950 +/- 0.057 χ^2 /NDF: 37852.3/12

Left: -21.621 +/- 0.044 χ^2 /NDF: 99503.6/26

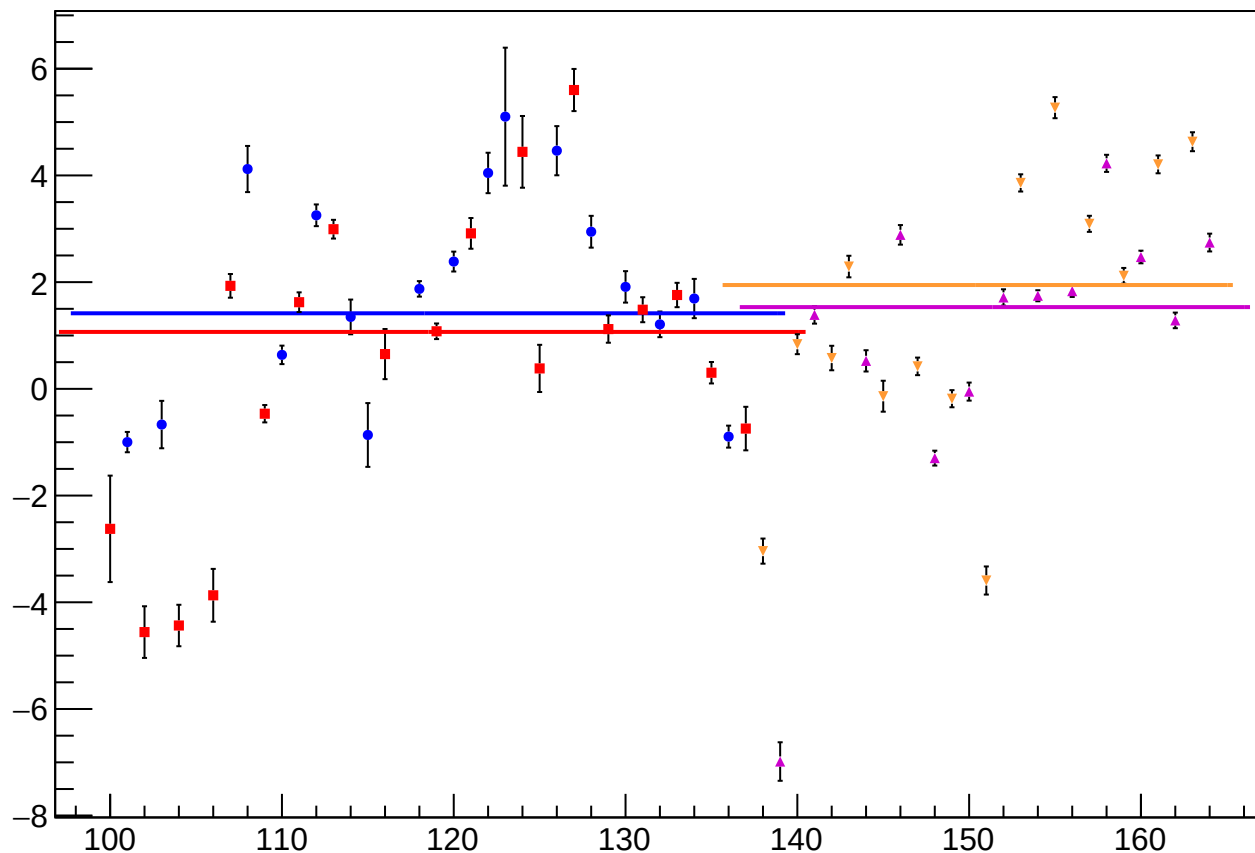
Right: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

In: -18.950 +/- 0.057 χ^2 /NDF: 37852.3/12

Out: -25.444 +/- 0.069 χ^2 /NDF: 56393.1/13

All: -21.621 +/- 0.044 χ^2 /NDF: 99503.6/26

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.946 $\pm$ 0.049 χ^2 /NDF:2172.6/13

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.532 $\pm$ 0.041 χ^2 /NDF:1549.2/12

Left: 1.701 $\pm$ 0.031 χ^2 /NDF: 3763.6/26

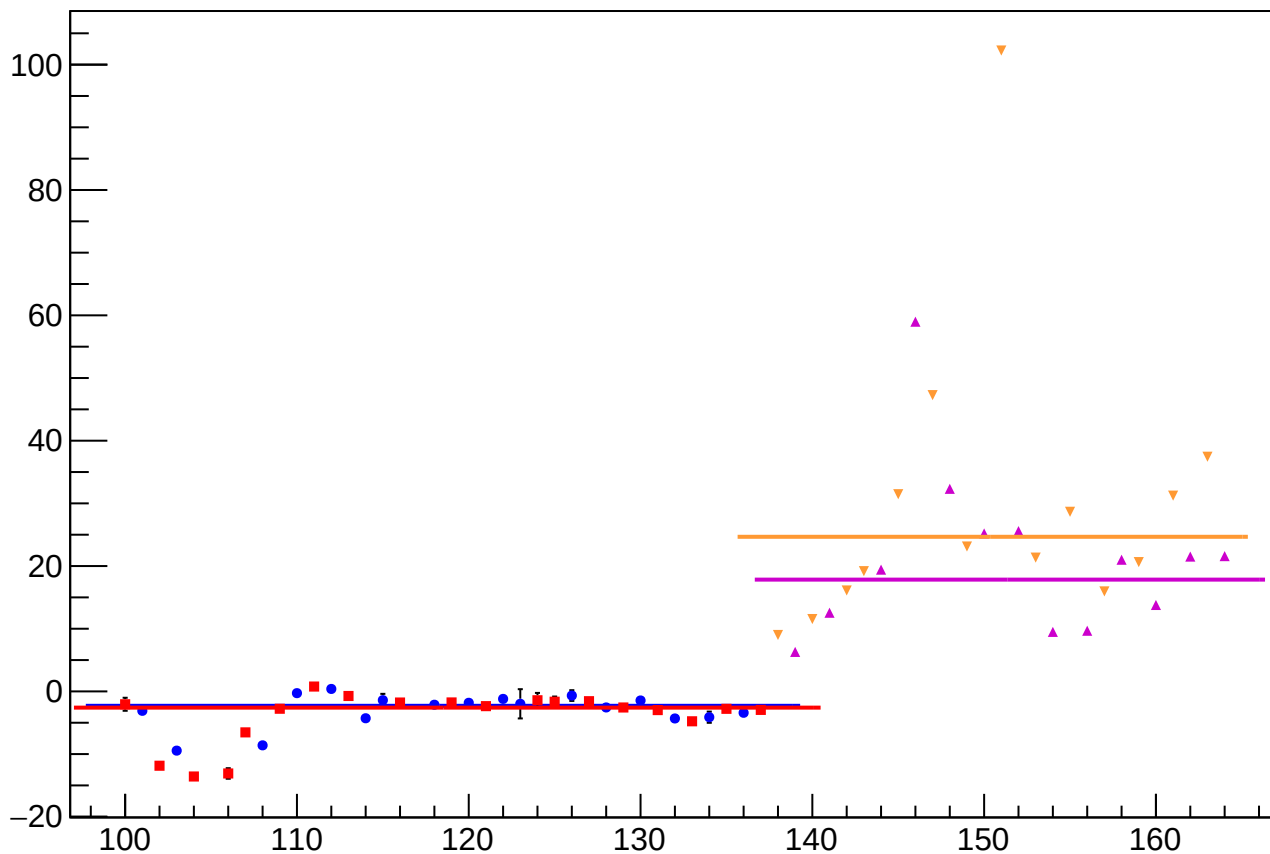
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.496 $\pm$ 0.034 χ^2 /NDF:2182.9/29

Out: 1.579 $\pm$ 0.038 χ^2 /NDF:3235.8/32

All: 1.534 $\pm$ 0.025 χ^2 /NDF: 5421.4/62

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: 24.668 ± 0.067 χ^2/NDF : 50455.7/13

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.834 ± 0.055 χ^2/NDF : 35711.9/12

Left: 20.588 ± 0.043 χ^2/NDF : 92354.7/26

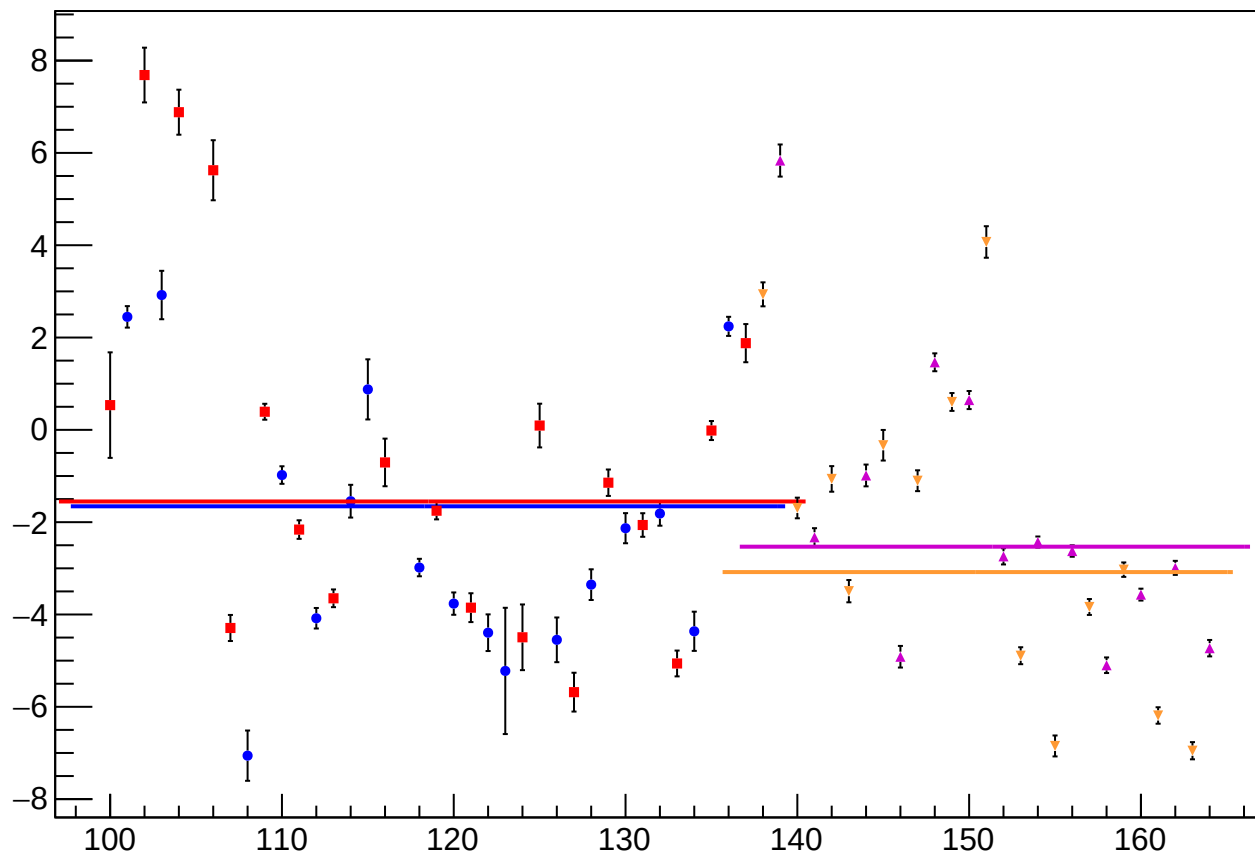
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 13.839 ± 0.049 χ^2/NDF : 62601.0/29

Out: 16.062 ± 0.056 χ^2/NDF : 103401.8/32

All: 14.820 ± 0.037 χ^2/NDF : 166897.4/62

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: -3.081 ± 0.057 χ^2/NDF : 2705.9/13

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.531 ± 0.047 χ^2/NDF : 1874.3/12

Left: -2.754 ± 0.036 χ^2/NDF : 4636.6/26

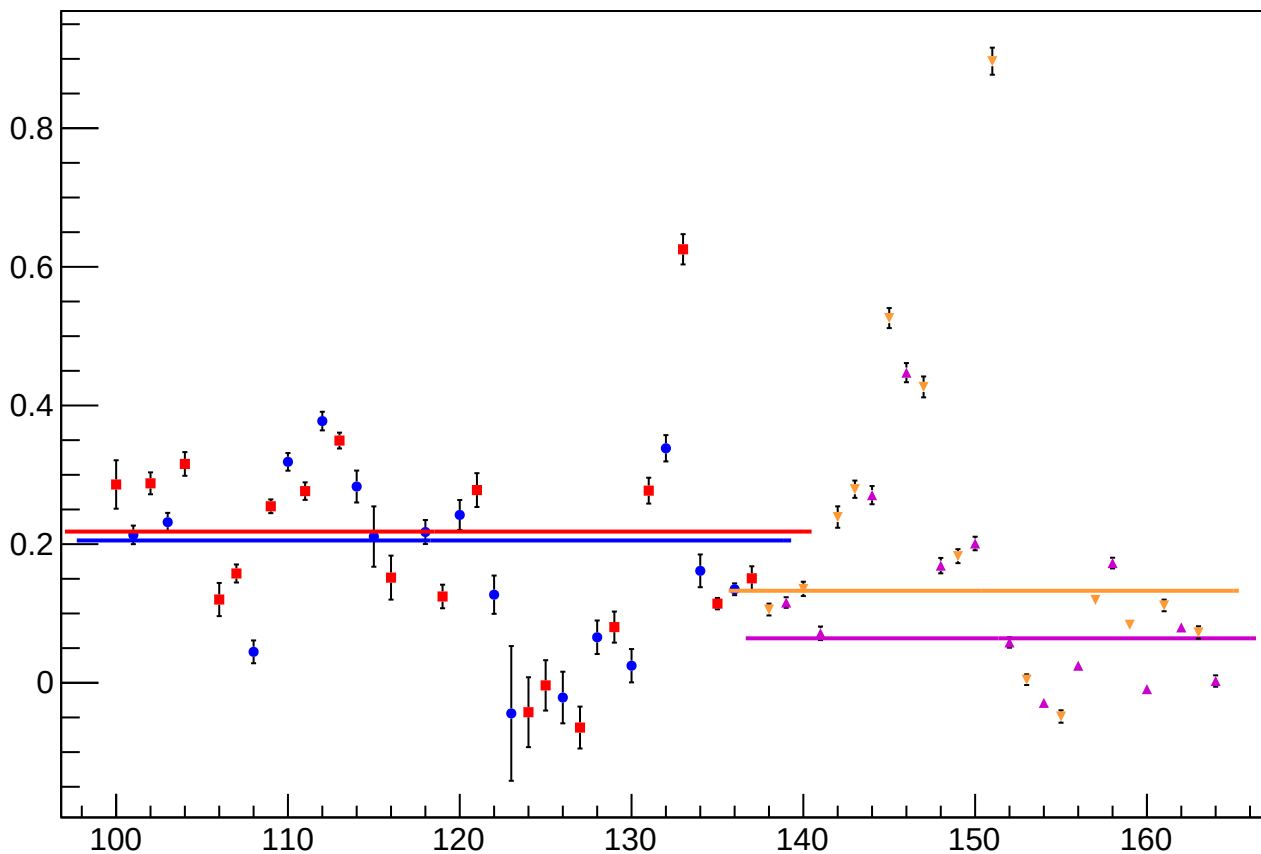
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.265 ± 0.039 χ^2/NDF : 3252.7/29

Out: -2.429 ± 0.043 χ^2/NDF : 4506.0/32

All: -2.339 ± 0.029 χ^2/NDF : 7766.8/62

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.133 ± 0.003 χ^2/NDF : 3661.9/13

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.064 ± 0.002 χ^2/NDF : 2182.3/12

Left: 0.091 ± 0.002 χ^2/NDF : 6285.7/26

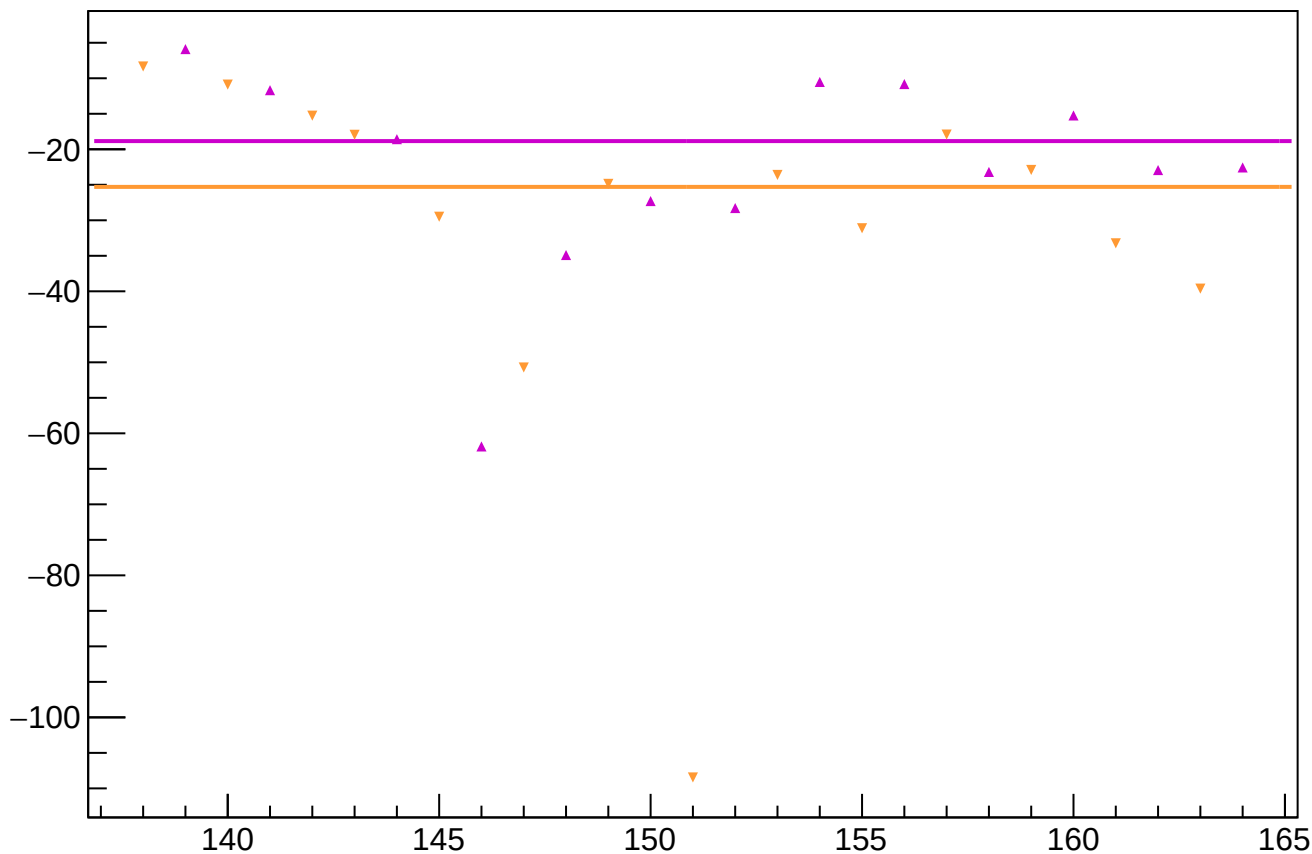
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.092 ± 0.002 χ^2/NDF : 3738.3/29

Out: 0.160 ± 0.002 χ^2/NDF : 5047.4/32

All: 0.121 ± 0.001 χ^2/NDF : 9392.3/62

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: -25.296+/-0.068 χ^2/NDF :56198.5/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.848+/-0.057 χ^2/NDF :37764.7/12

Left: -21.500+/-0.044 χ^2/NDF : 99211.2/26

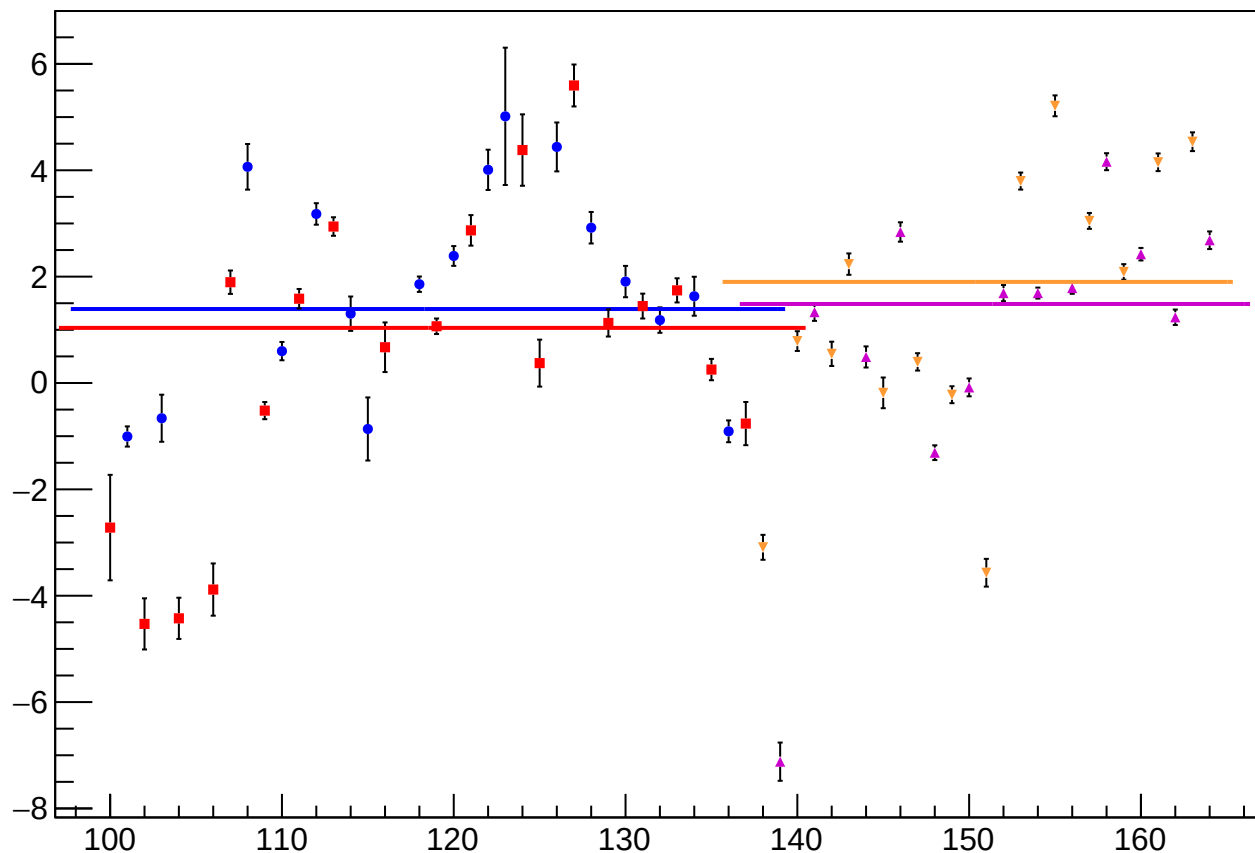
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.848+/-0.057 χ^2/NDF :37764.7/12

Out: -25.296+/-0.068 χ^2/NDF :56198.5/13

All: -21.500+/-0.044 χ^2/NDF : 99211.2/26

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: 1.901 $\pm$ 0.049 χ^2 /NDF:2172.1/13

Right Out: 1.036 $\pm$ 0.058 χ^2 /NDF: 934.2/18

Left In: 1.486 $\pm$ 0.041 χ^2 /NDF:1561.0/12

Left: 1.656 $\pm$ 0.031 χ^2 /NDF: 3775.8/26

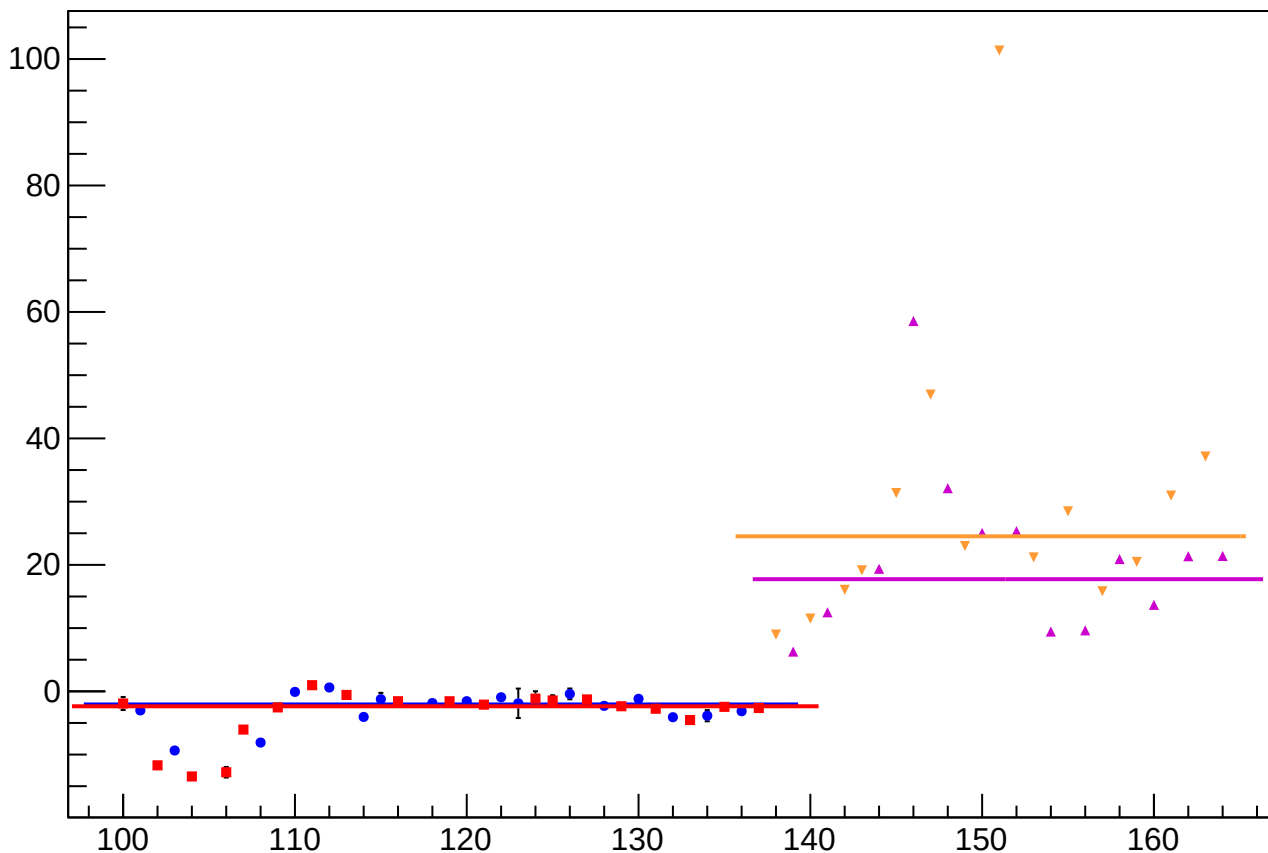
Right: 1.204 $\pm$ 0.042 χ^2 /NDF: 1581.2/35

In: 1.457 $\pm$ 0.034 χ^2 /NDF:2191.9/29

Out: 1.541 $\pm$ 0.037 χ^2 /NDF:3236.9/32

All: 1.495 $\pm$ 0.025 χ^2 /NDF: 5431.6/62

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.518 ± 0.067 χ^2/NDF : 50309.9/13

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.737 ± 0.055 χ^2/NDF : 35640.7/12

Left: 20.470 ± 0.042 χ^2/NDF : 92119.4/26

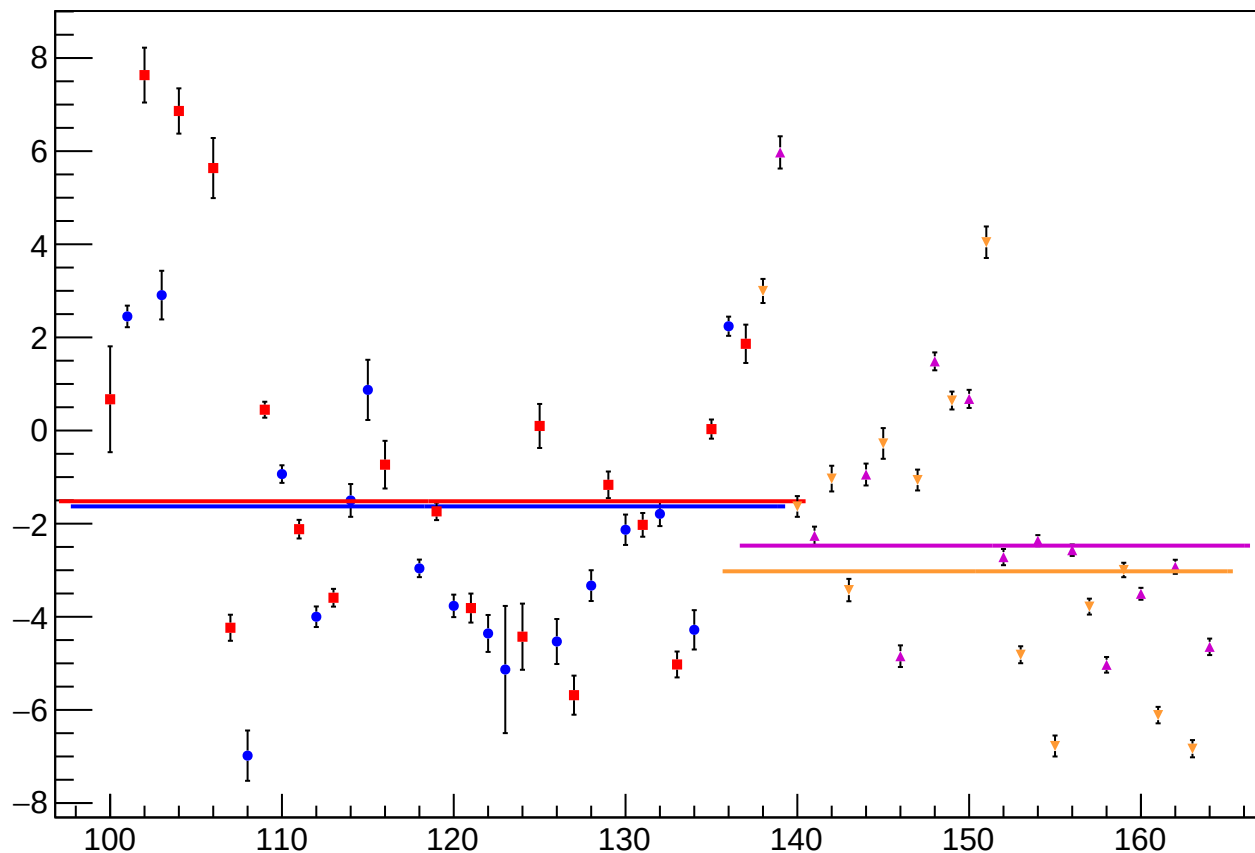
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 13.812 ± 0.049 χ^2/NDF : 61962.0/29

Out: 16.043 ± 0.055 χ^2/NDF : 102406.8/32

All: 14.797 ± 0.037 χ^2/NDF : 165281.1/62

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -3.023 ± 0.056 χ^2/NDF : 2704.1/13

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.472 ± 0.046 χ^2/NDF : 1887.9/12

Left: -2.695 ± 0.036 χ^2/NDF : 4649.4/26

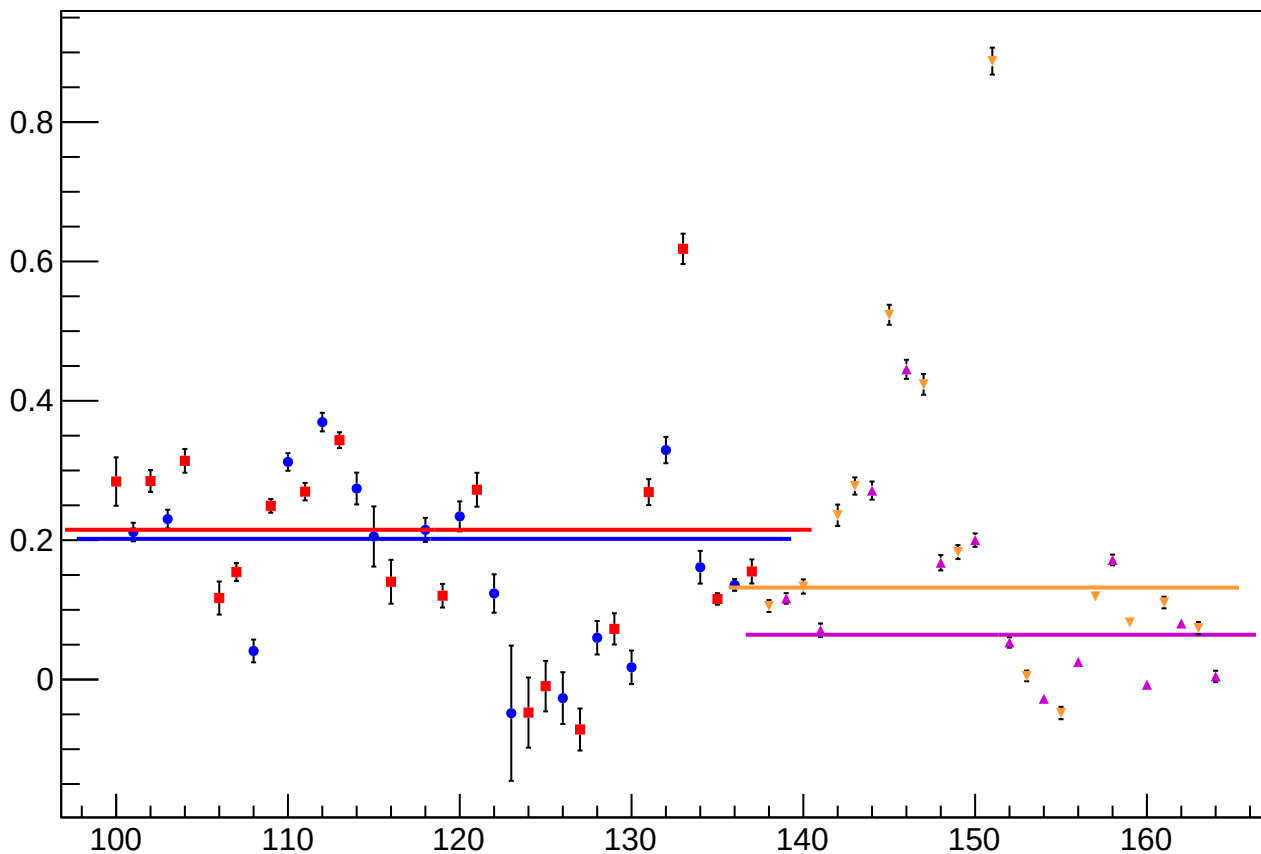
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.216 ± 0.039 χ^2/NDF : 3254.9/29

Out: -2.384 ± 0.043 χ^2/NDF : 4501.2/32

All: -2.292 ± 0.029 χ^2/NDF : 7764.5/62

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: 0.132 ± 0.003 χ^2/NDF : 3653.2/13

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.064 ± 0.002 χ^2/NDF : 2173.3/12

Left: 0.091 ± 0.002 χ^2/NDF : 6261.3/26

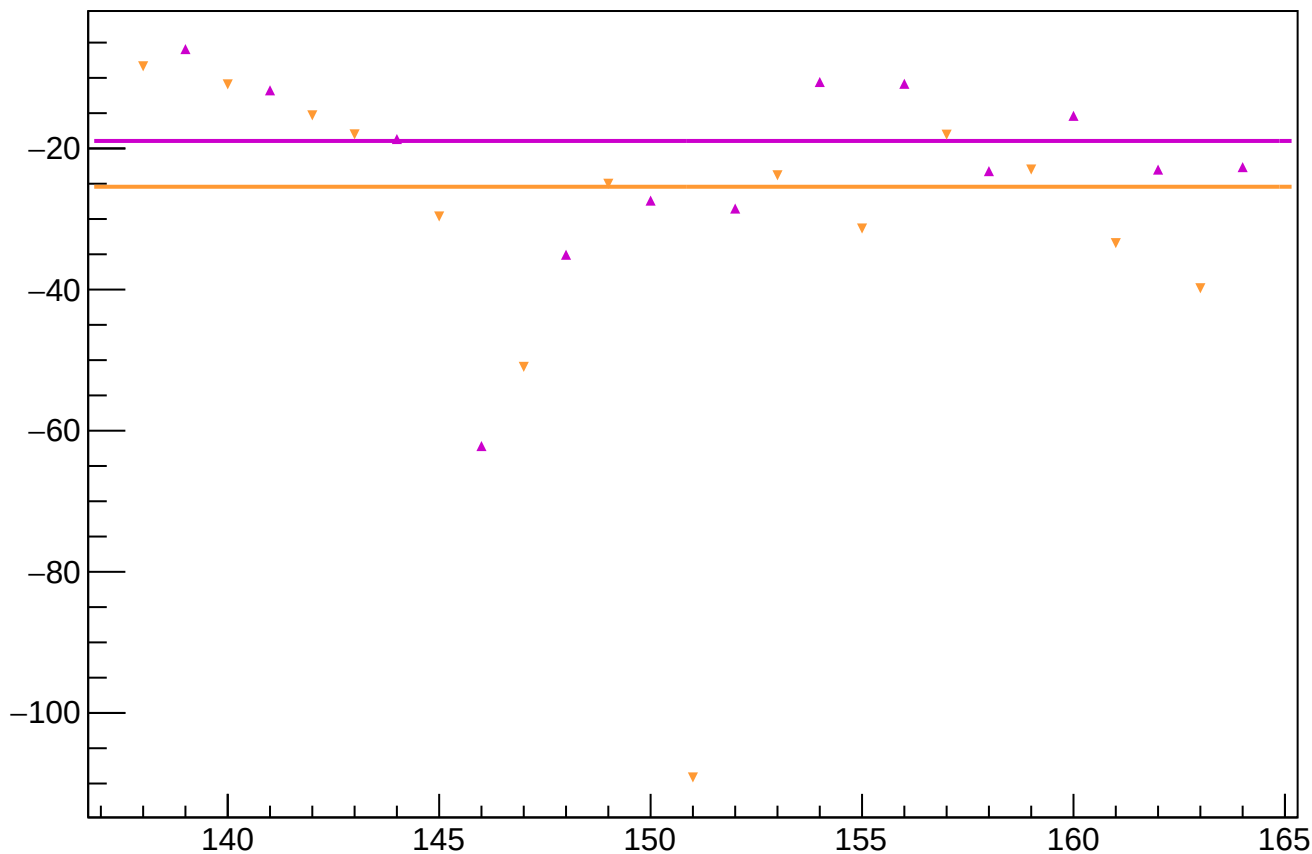
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.091 ± 0.002 χ^2/NDF : 3676.0/29

Out: 0.159 ± 0.002 χ^2/NDF : 5005.0/32

All: 0.120 ± 0.001 χ^2/NDF : 9276.6/62

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: -25.429+/-0.069 χ^2/NDF :56324.7/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.938+/-0.057 χ^2/NDF :37821.9/12

Left: -21.606+/-0.044 χ^2/NDF : 99422.3/26

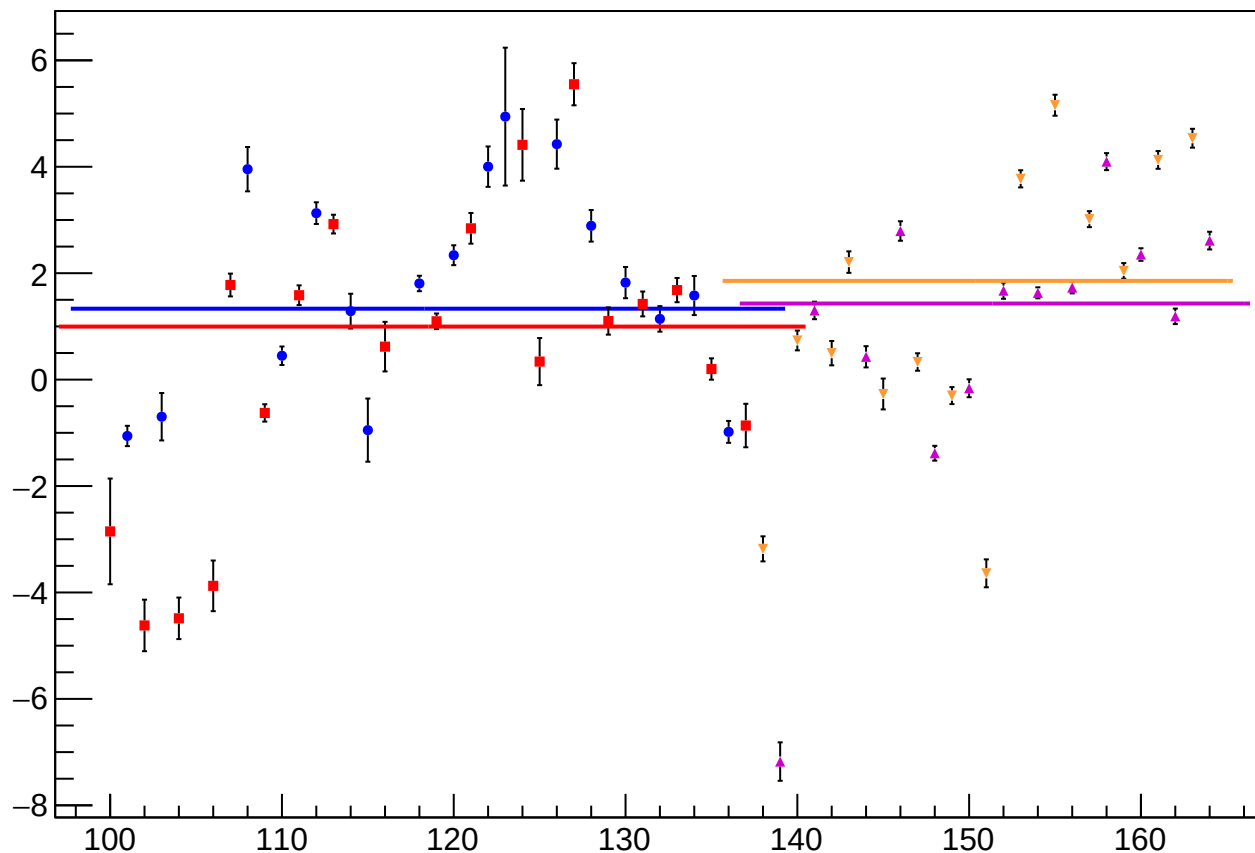
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.938+/-0.057 χ^2/NDF :37821.9/12

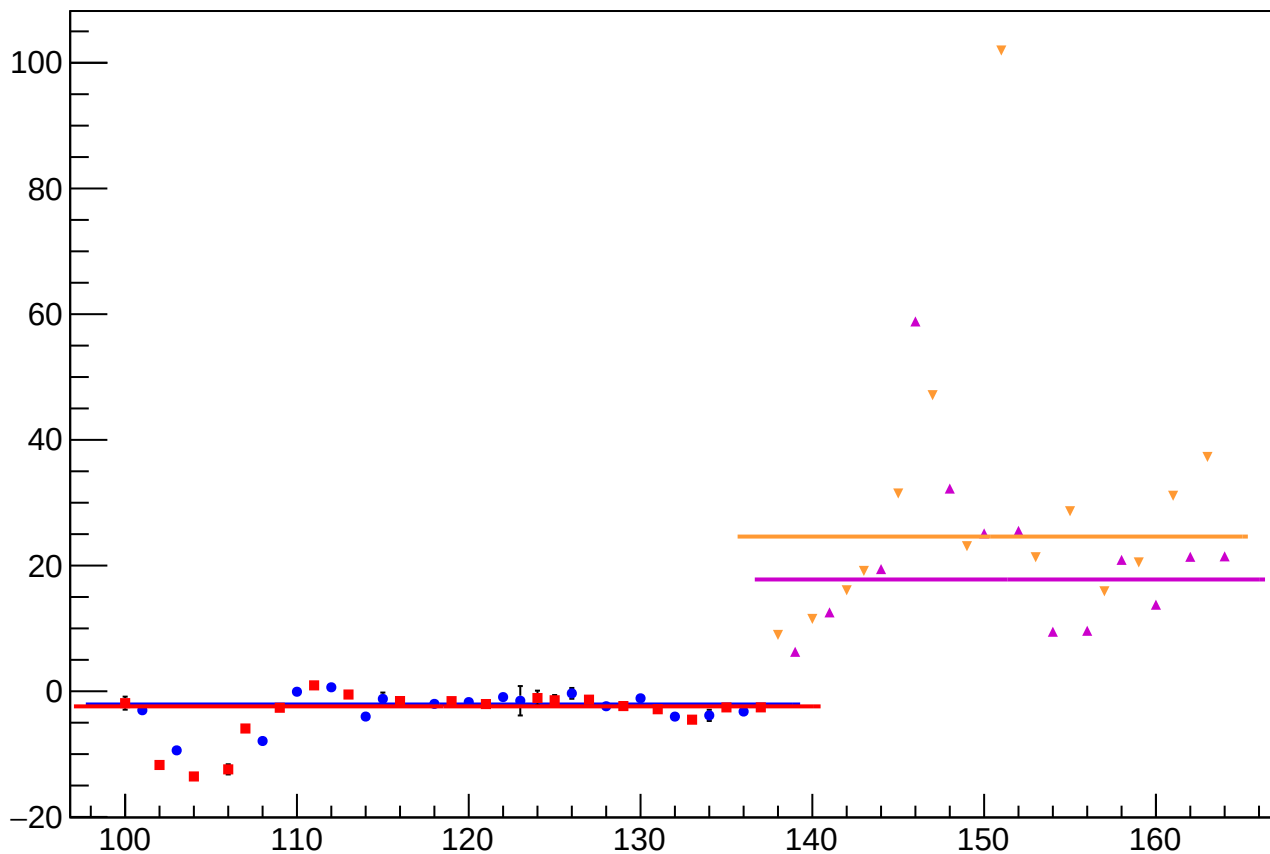
Out: -25.429+/-0.069 χ^2/NDF :56324.7/13

All: -21.606+/-0.044 χ^2/NDF : 99422.3/26

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 24.615 ± 0.067 $\chi^2/\text{NDF}: 50417.1/13$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 17.787 ± 0.055 $\chi^2/\text{NDF}: 35707.5/12$

Left: 20.537 ± 0.043 $\chi^2/\text{NDF}: 92330.3/26$

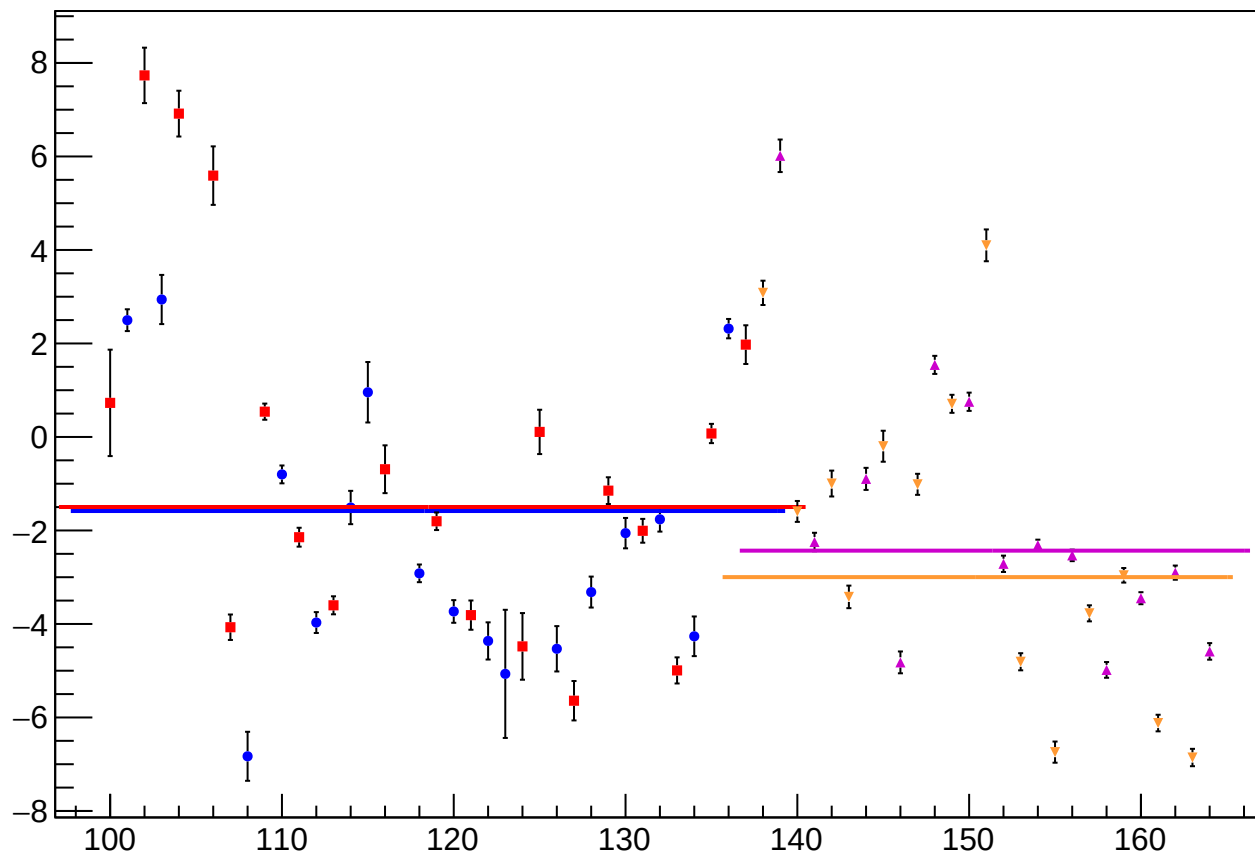
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 13.858 ± 0.049 $\chi^2/\text{NDF}: 61973.1/29$

Out: 16.103 ± 0.055 $\chi^2/\text{NDF}: 102558.1/32$

All: 14.849 ± 0.037 $\chi^2/\text{NDF}: 165447.6/62$

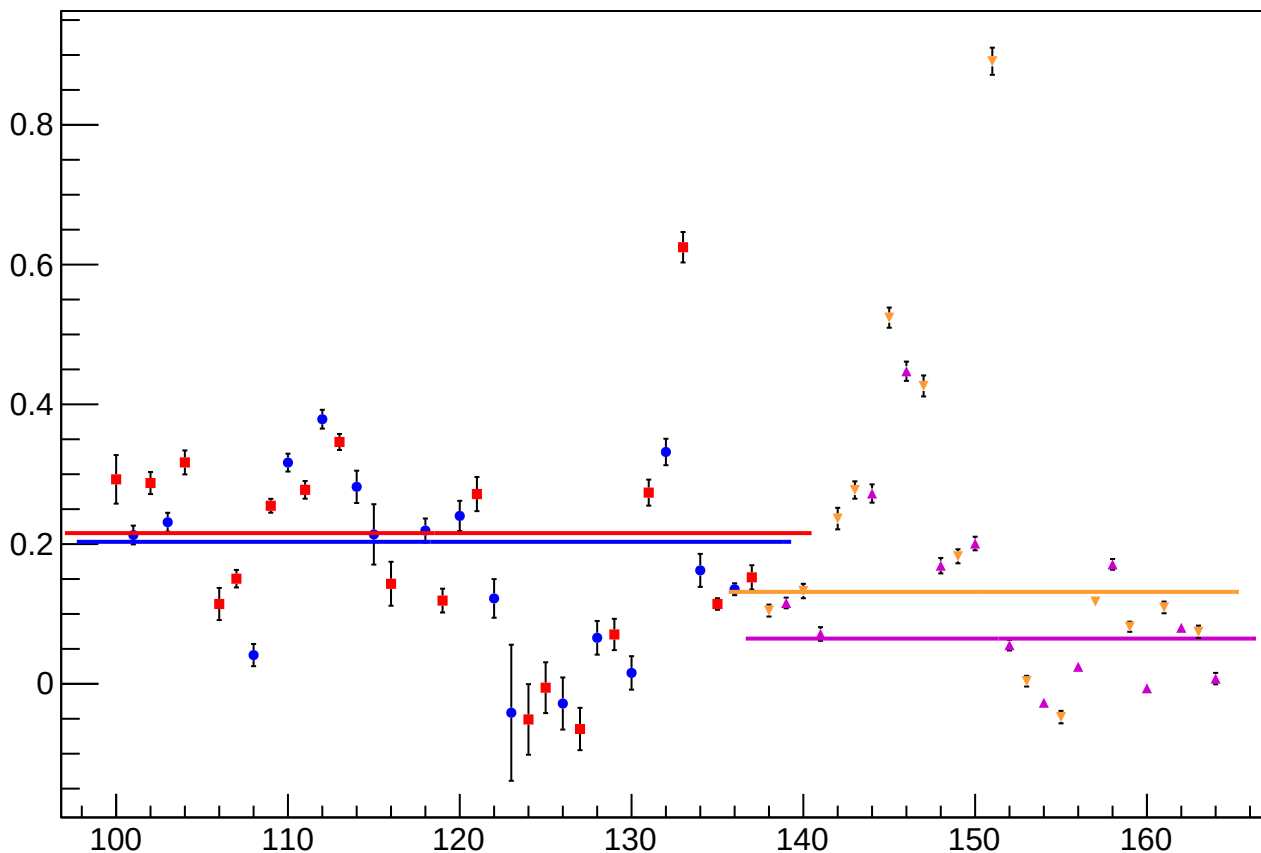
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584+/-0.070 χ^2/NDF : 1272.1/16
 Left Out: -2.998+/-0.056 χ^2/NDF : 2728.6/13
 Right Out: -1.498+/-0.066 χ^2/NDF : 1503.7/18
 Left In: -2.432+/-0.046 χ^2/NDF : 1879.7/12

Left: -2.661+/-0.036 χ^2/NDF : 4668.4/26
 Right: -1.538+/-0.048 χ^2/NDF : 2776.6/35
 In: -2.175+/-0.039 χ^2/NDF : 3252.7/29
 Out: -2.360+/-0.043 χ^2/NDF : 4533.4/32
 All: -2.258+/-0.029 χ^2/NDF : 7796.3/62

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.132 ± 0.003 χ^2/NDF : 3645.4/13

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.065 ± 0.002 χ^2/NDF : 2158.8/12

Left: 0.091 ± 0.002 χ^2/NDF : 6225.0/26

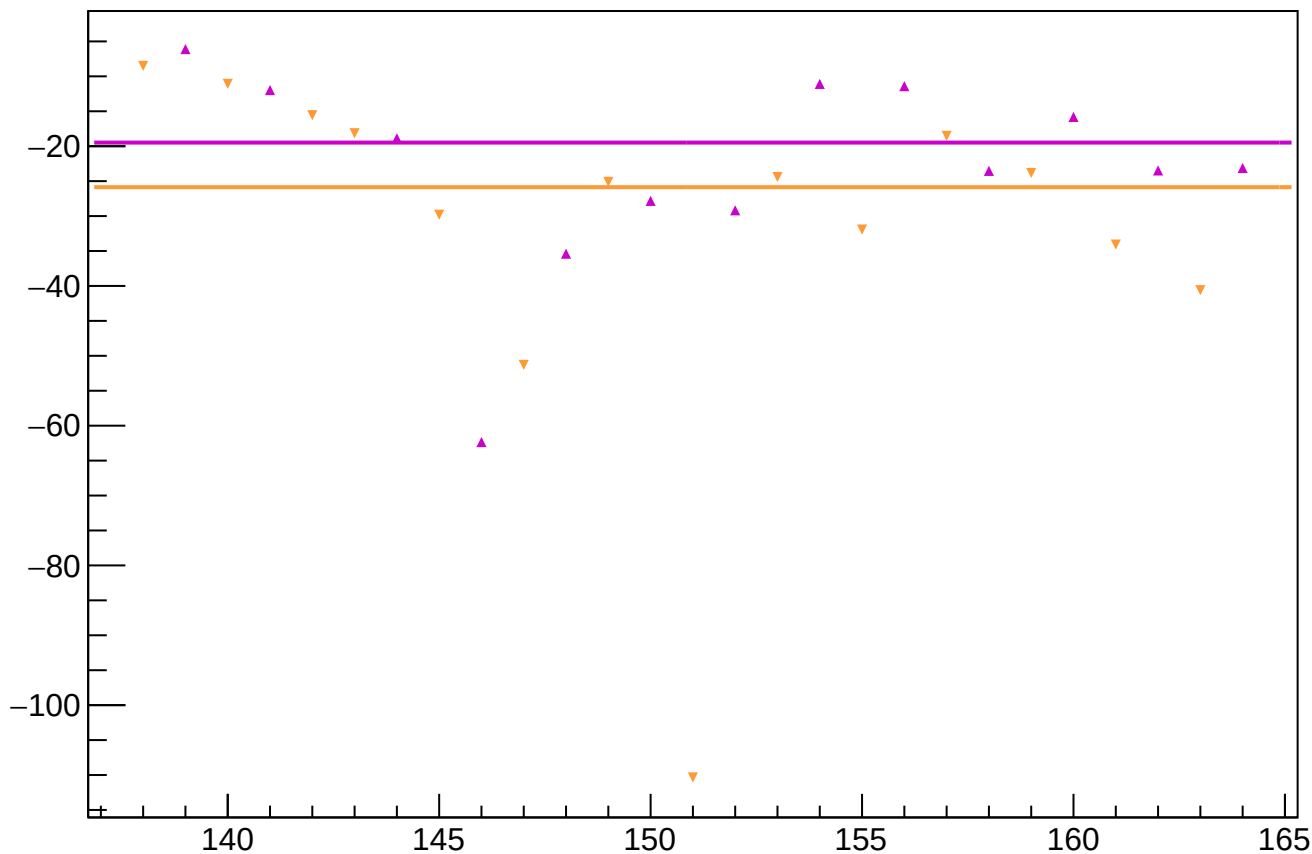
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.092 ± 0.002 χ^2/NDF : 3694.8/29

Out: 0.159 ± 0.002 χ^2/NDF : 5036.9/32

All: 0.121 ± 0.001 χ^2/NDF : 9313.5/62

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: -25.860+/-0.070 χ^2/NDF :56251.8/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.481+/-0.059 χ^2/NDF :36703.2/12

Left: -22.127+/-0.045 χ^2/NDF : 97856.7/26

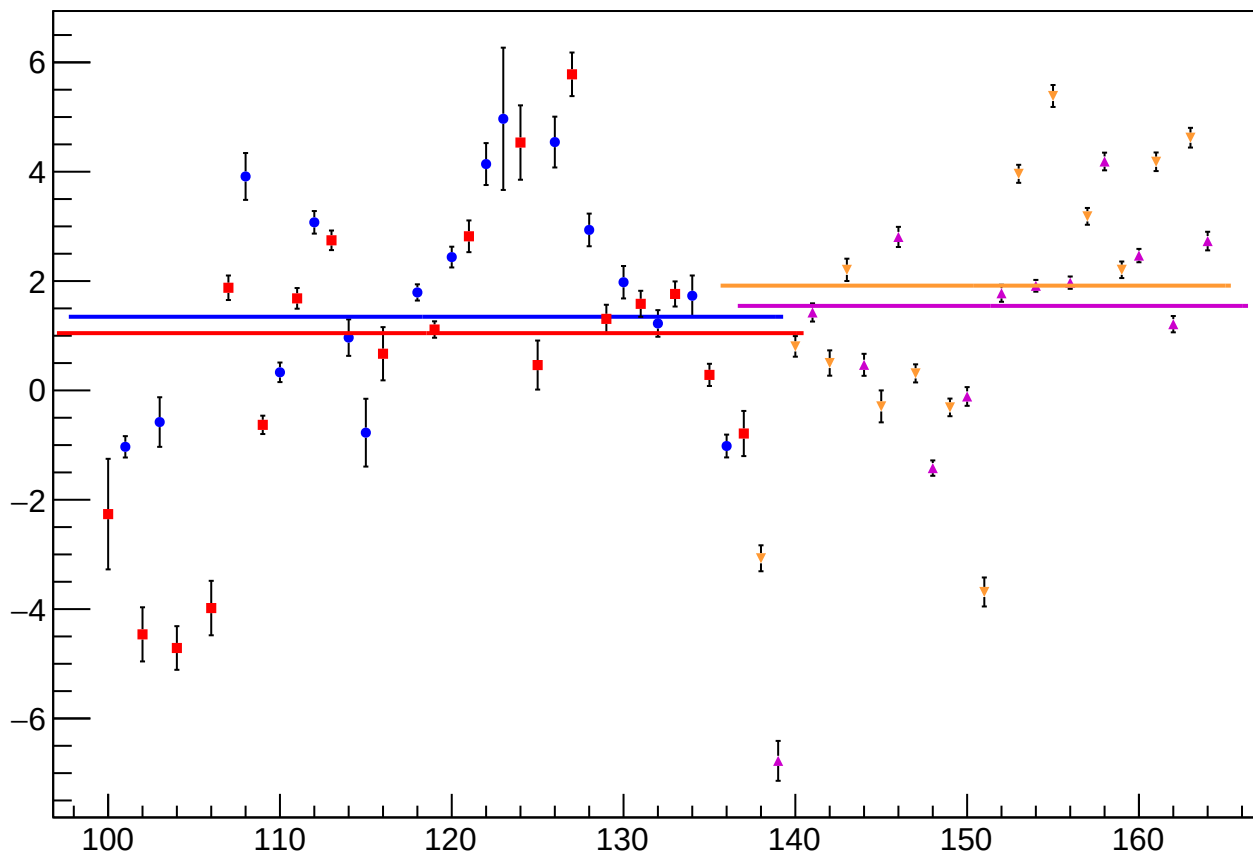
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.481+/-0.059 χ^2/NDF :36703.2/12

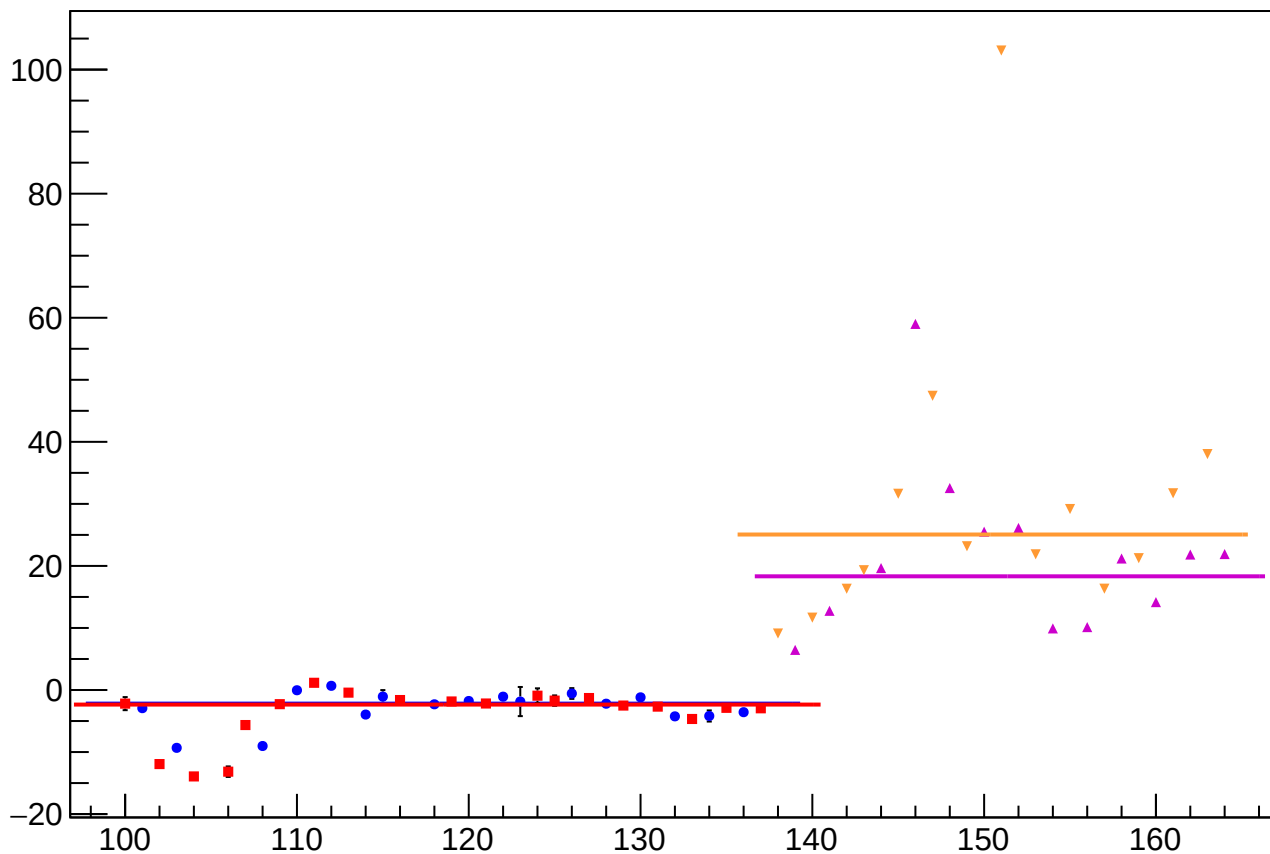
Out: -25.860+/-0.070 χ^2/NDF :56251.8/13

All: -22.127+/-0.045 χ^2/NDF : 97856.7/26

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 25.062 ± 0.068 χ^2/NDF : 50195.2/13

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 18.325 ± 0.056 χ^2/NDF : 34493.3/12

Left: 21.064 ± 0.043 χ^2/NDF : 90491.0/26

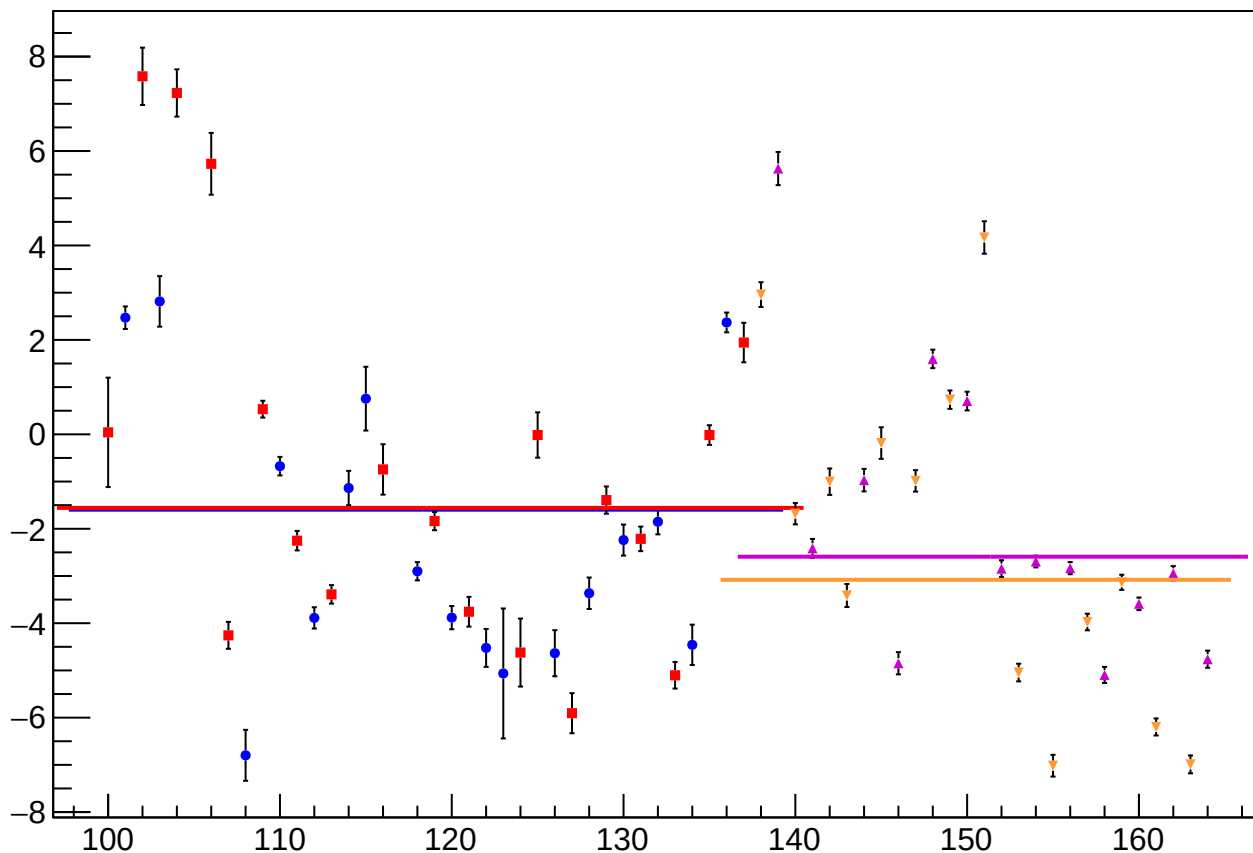
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 14.225 ± 0.050 χ^2/NDF : 61411.2/29

Out: 16.475 ± 0.056 χ^2/NDF : 101809.3/32

All: 15.224 ± 0.038 χ^2/NDF : 164103.1/62

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: -3.081+/-0.057 χ^2/NDF :2766.8/13

Right Out: -1.558+/-0.067 χ^2/NDF : 1463.8/18

Left In: -2.591+/-0.048 χ^2/NDF :1849.3/12

Left: -2.791+/-0.037 χ^2/NDF : 4659.2/26

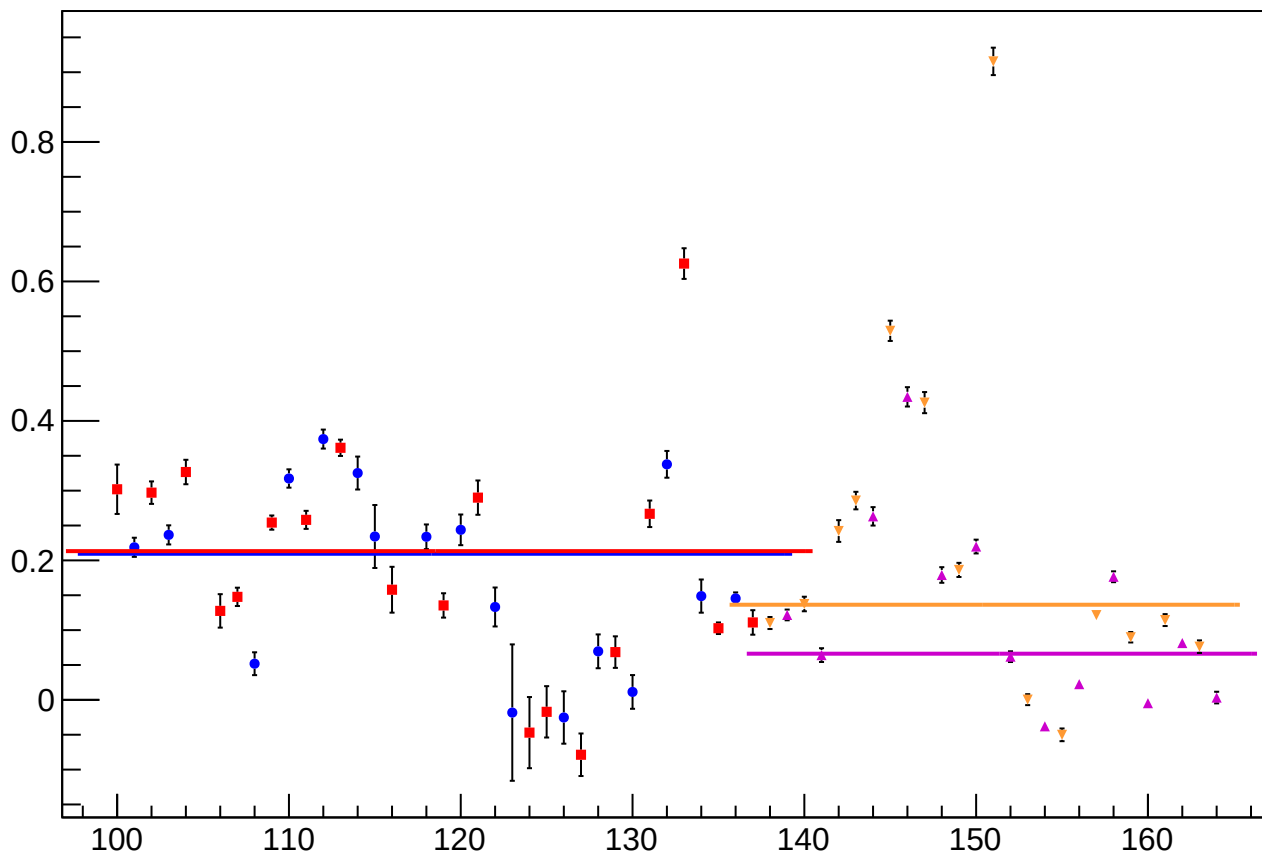
Right: -1.575+/-0.049 χ^2/NDF : 2719.3/35

In: -2.286+/-0.040 χ^2/NDF :3238.6/29

Out: -2.435+/-0.044 χ^2/NDF :4529.4/32

All: -2.354+/-0.029 χ^2/NDF : 7774.4/62

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 χ^2/NDF : 597.7/16

Left Out: 0.136 ± 0.003 χ^2/NDF : 3698.6/13

Right Out: 0.213 ± 0.004 χ^2/NDF : 1103.2/18

Left In: 0.066 ± 0.002 χ^2/NDF : 2205.8/12

Left: 0.094 ± 0.002 χ^2/NDF : 6349.3/26

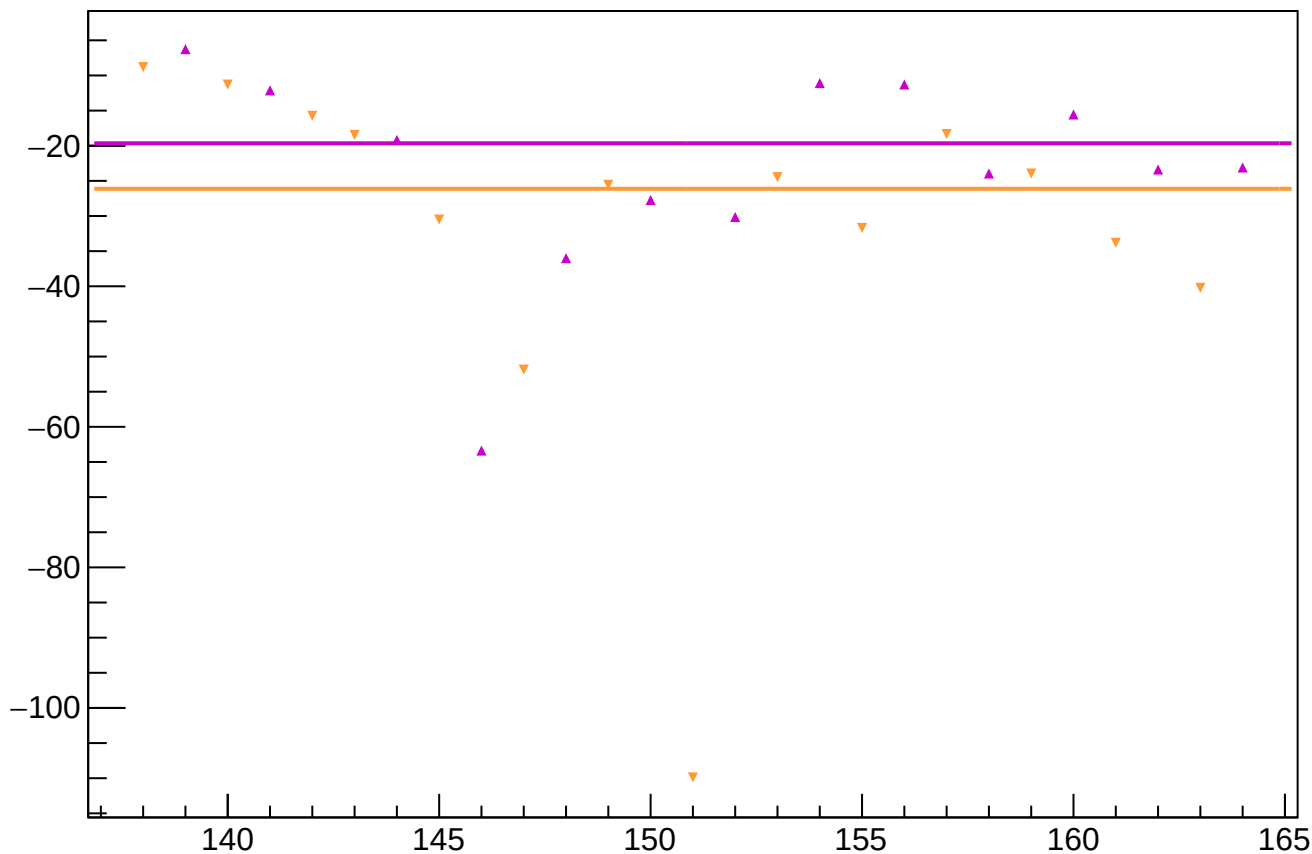
Right: 0.212 ± 0.003 χ^2/NDF : 1701.4/35

In: 0.095 ± 0.002 χ^2/NDF : 3734.4/29

Out: 0.161 ± 0.002 χ^2/NDF : 5085.9/32

All: 0.124 ± 0.001 χ^2/NDF : 9371.0/62

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: -26.128+/-0.071 χ^2/NDF :54967.6/13

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.651+/-0.060 χ^2/NDF :36956.9/12

Left: -22.349+/-0.046 χ^2/NDF : 96848.0/26

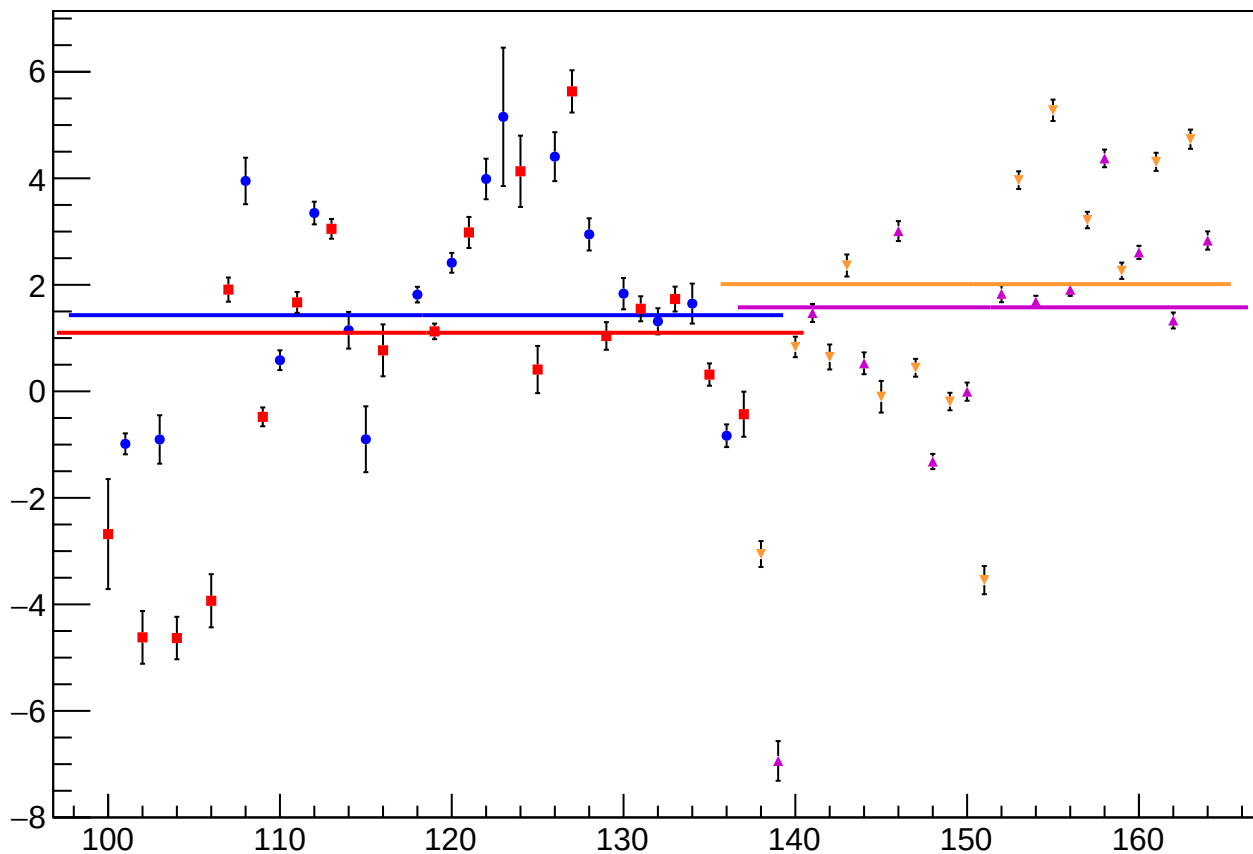
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.651+/-0.060 χ^2/NDF :36956.9/12

Out: -26.128+/-0.071 χ^2/NDF :54967.6/13

All: -22.349+/-0.046 χ^2/NDF : 96848.0/26

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 2.013 ± 0.050 χ^2/NDF : 2142.4/13

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 1.577 ± 0.042 χ^2/NDF : 1523.9/12

Left: 1.758 ± 0.032 χ^2/NDF : 3710.2/26

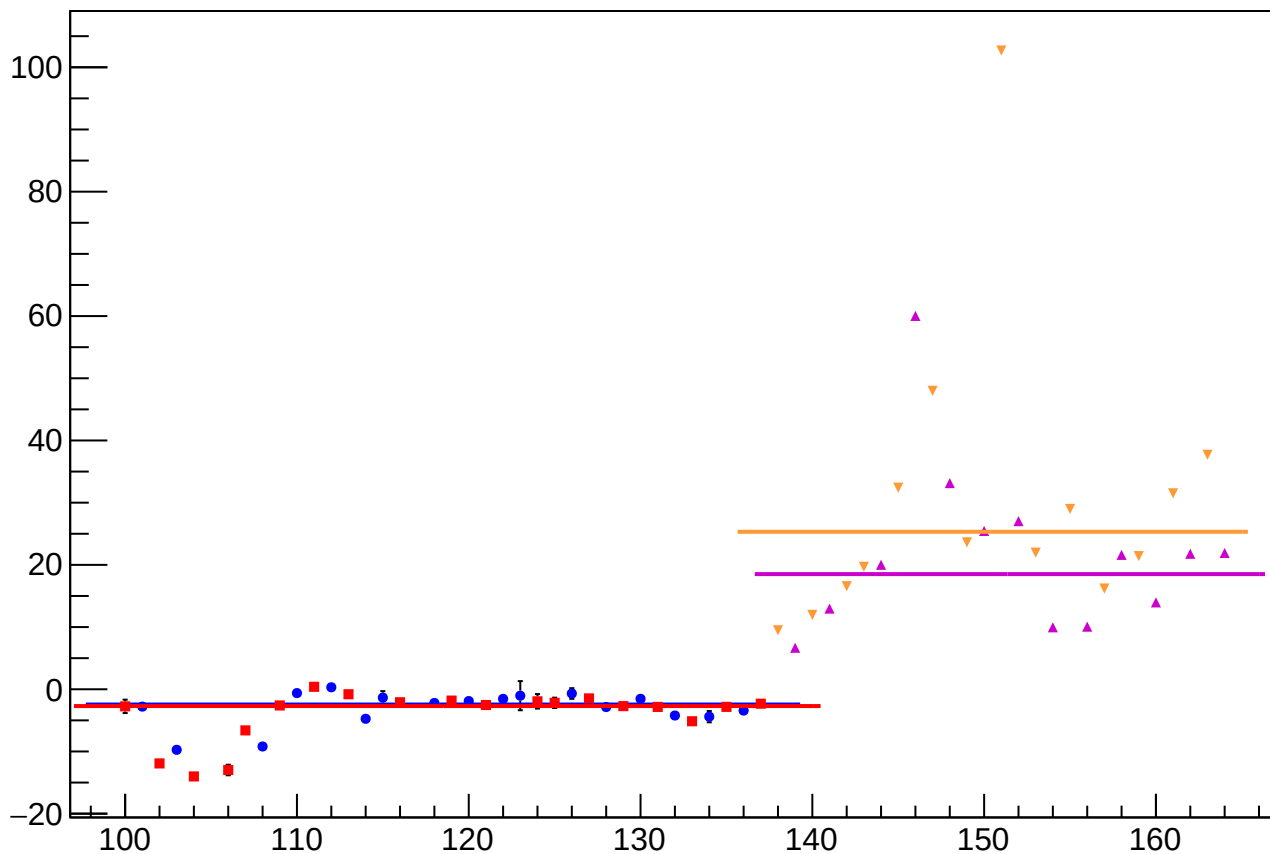
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.531 ± 0.035 χ^2/NDF : 2125.8/29

Out: 1.635 ± 0.039 χ^2/NDF : 3179.6/32

All: 1.579 ± 0.026 χ^2/NDF : 5309.4/62

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: 25.320 ± 0.069 χ^2/NDF : 49196.5/13

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.515 ± 0.057 χ^2/NDF : 34787.4/12

Left: 21.296 ± 0.044 χ^2/NDF : 89758.3/26

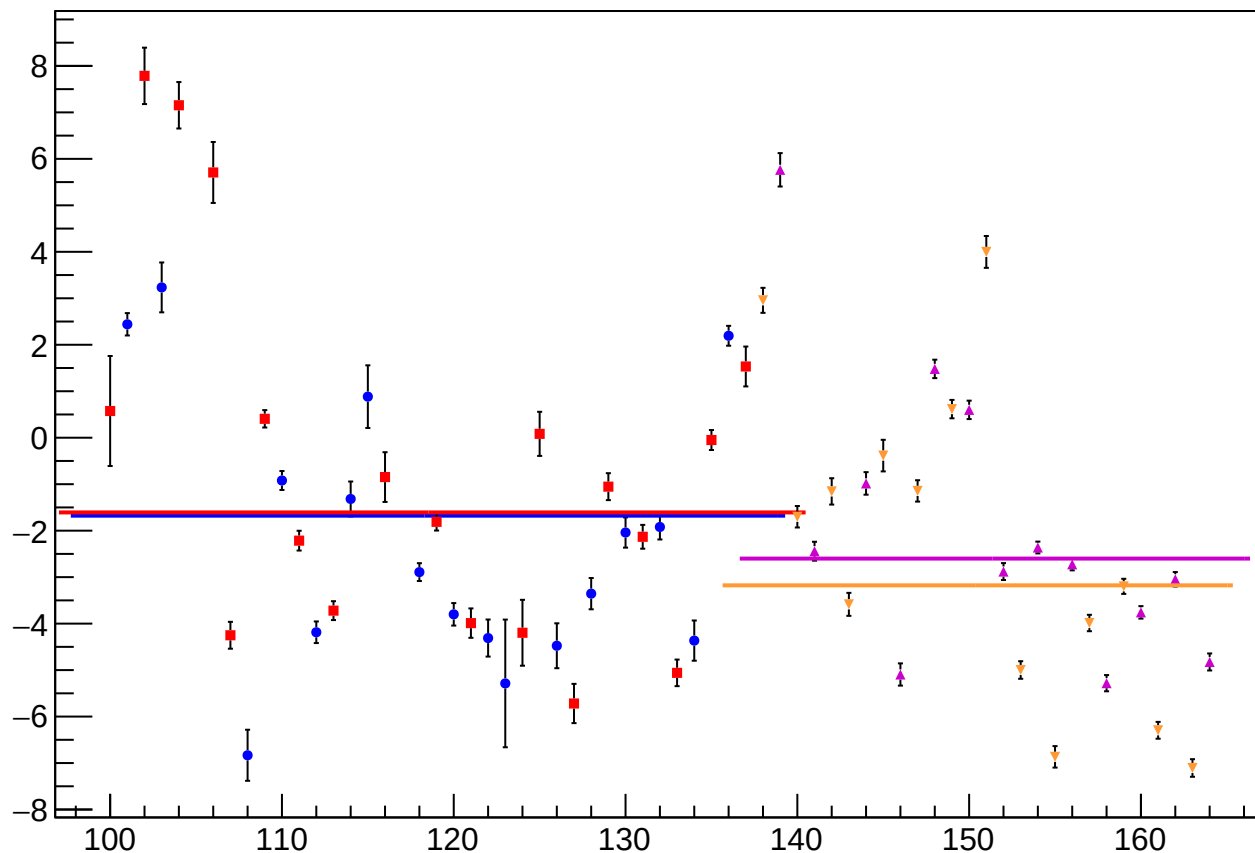
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 14.325 ± 0.051 χ^2/NDF : 62021.8/29

Out: 16.675 ± 0.057 χ^2/NDF : 101112.0/32

All: 15.369 ± 0.038 χ^2/NDF : 164069.4/62

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -2.837 ± 0.037 $\chi^2/\text{NDF}: 4570.6/26$

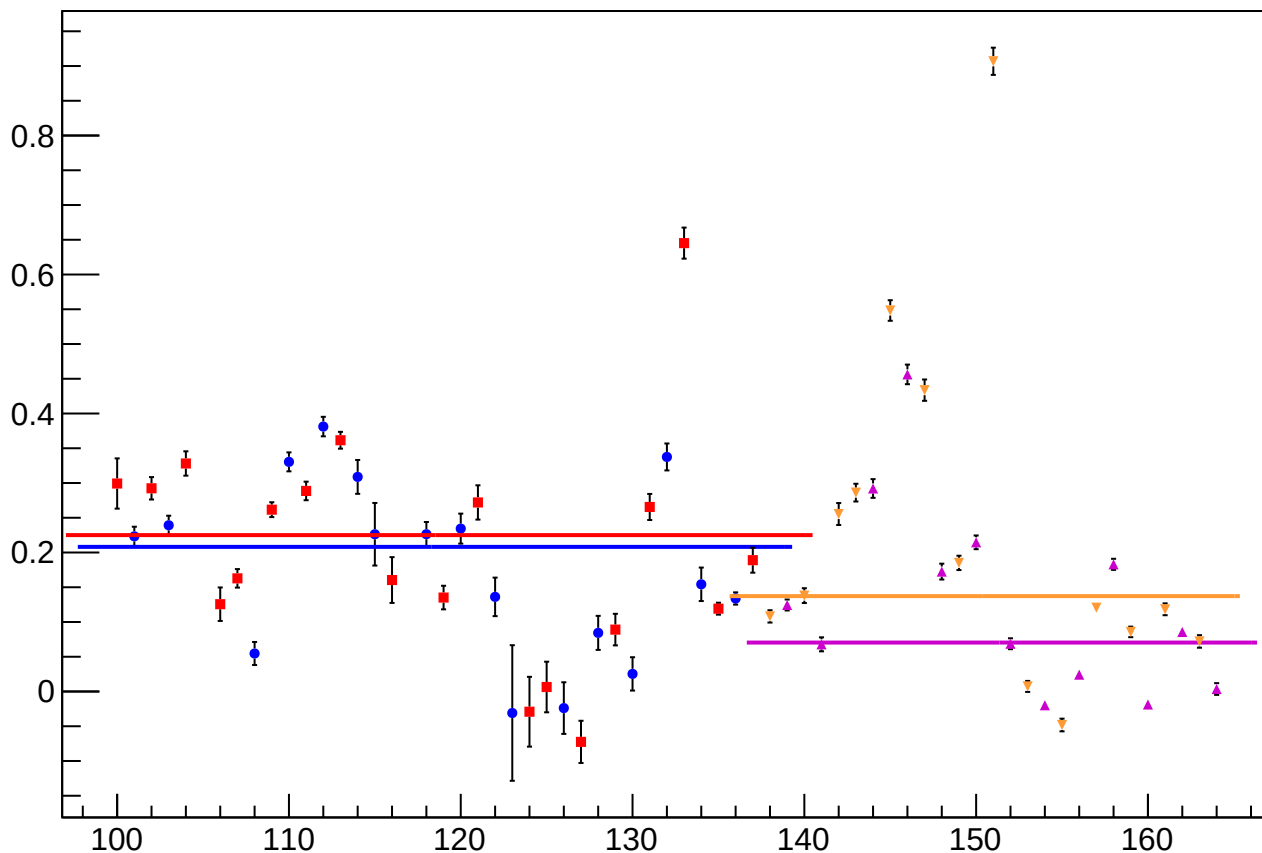
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -2.316 ± 0.040 $\chi^2/\text{NDF}: 3168.8/29$

Out: -2.515 ± 0.044 $\chi^2/\text{NDF}: 4400.7/32$

All: -2.406 ± 0.030 $\chi^2/\text{NDF}: 7580.7/62$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.137 ± 0.003 χ^2/NDF : 3705.3/13

Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18

Left In: 0.070 ± 0.002 χ^2/NDF : 2210.7/12

Left: 0.097 ± 0.002 χ^2/NDF : 6309.0/26

Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35

In: 0.098 ± 0.002 χ^2/NDF : 3646.7/29

Out: 0.165 ± 0.002 χ^2/NDF : 5063.6/32

All: 0.127 ± 0.001 χ^2/NDF : 9257.7/62