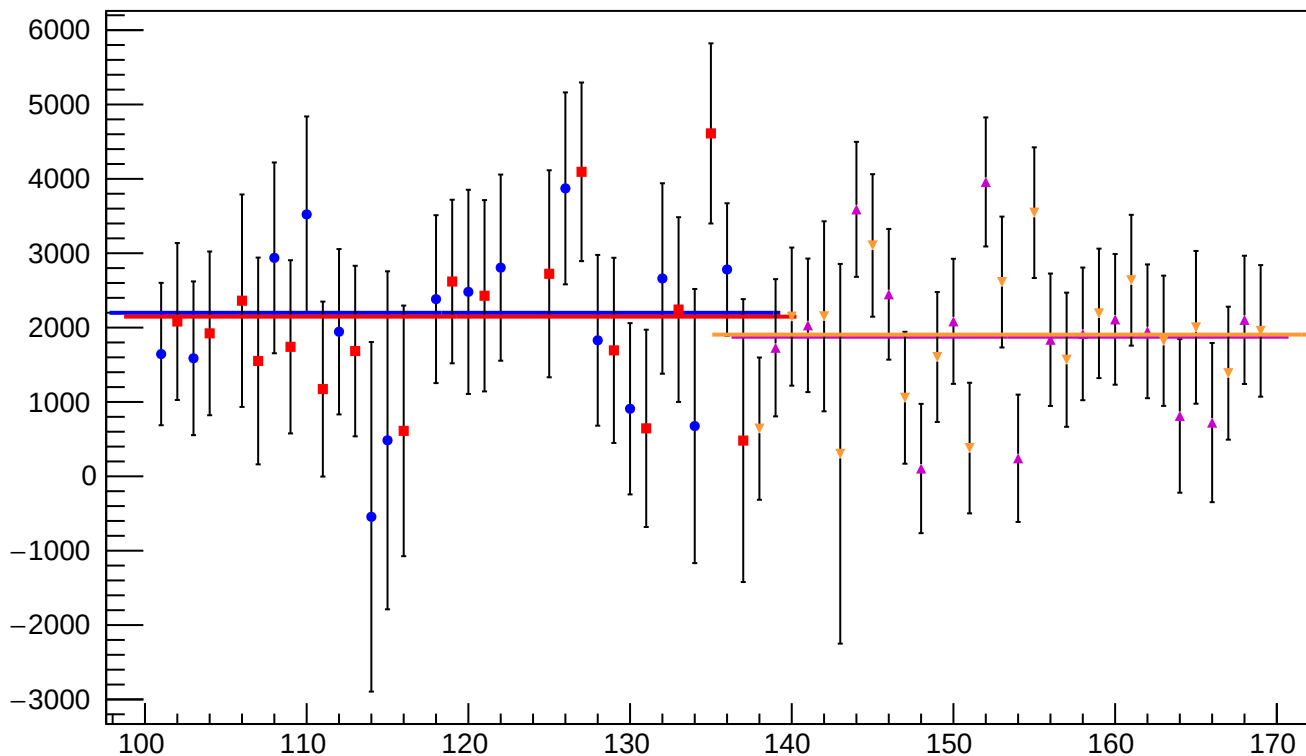


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1905.668+/-228.249

Right Out: 2147.149+/-304.804

Left In: 1877.539+/-232.130

χ^2/NDF : 8.6/15

χ^2/NDF : 13.3/16

χ^2/NDF : 11.4/16

χ^2/NDF : 20.0/14

Left: 1891.840+/-162.751

Right: 2172.848+/-216.219

In: 1994.541+/-185.107

Out: 1992.429+/-182.701

All: 1993.471+/-130.031

χ^2/NDF : 33.3/31

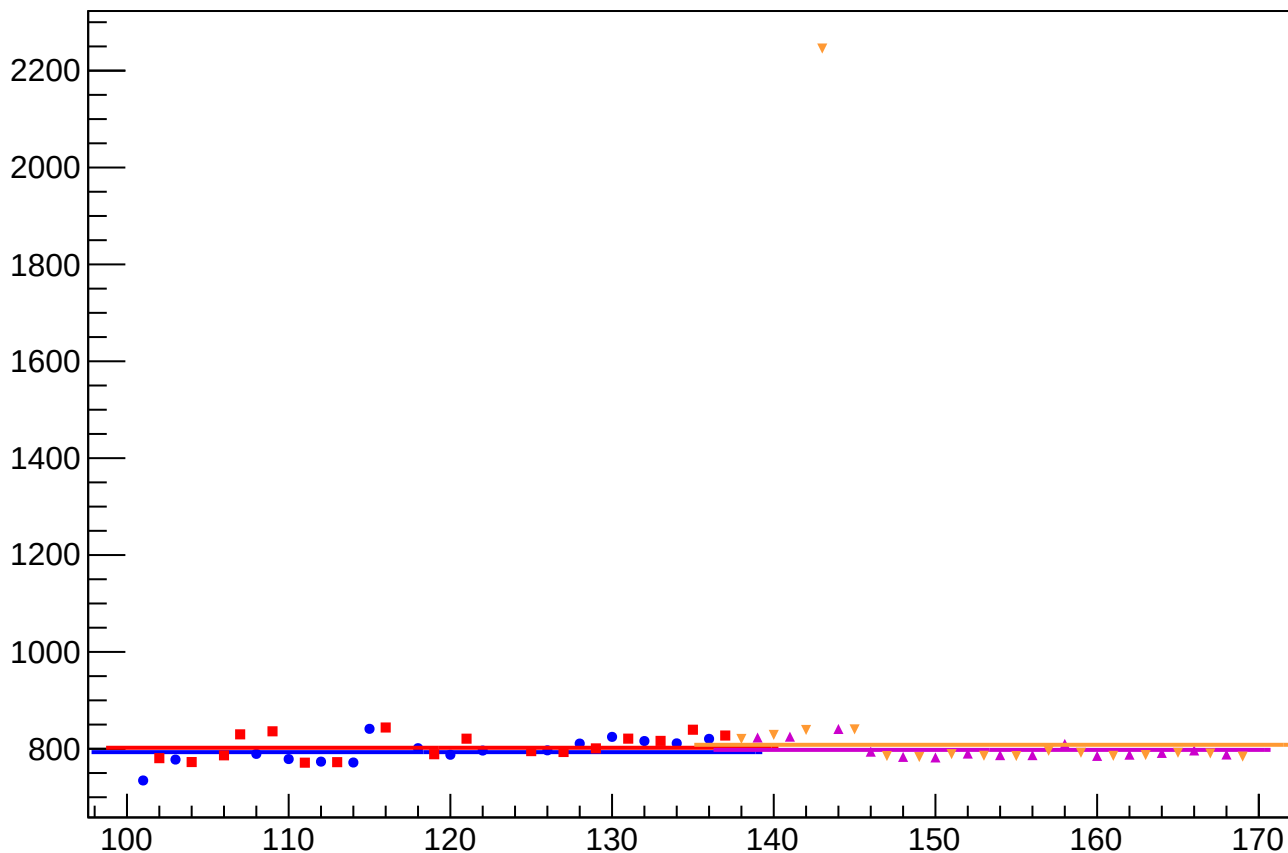
χ^2/NDF : 20.0/32

χ^2/NDF : 29.3/30

χ^2/NDF : 25.1/33

χ^2/NDF : 54.4/64

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 808.261 $\pm$ 0.161 χ^2 /NDF: 651787.0/16

Right Out: 802.148 $\pm$ 0.216 χ^2 /NDF: 12723.5/16

Left In: 797.750 $\pm$ 0.164 χ^2 /NDF: 11286.4/14

Left: 803.094 $\pm$ 0.115 χ^2 /NDF: 665158.3/31

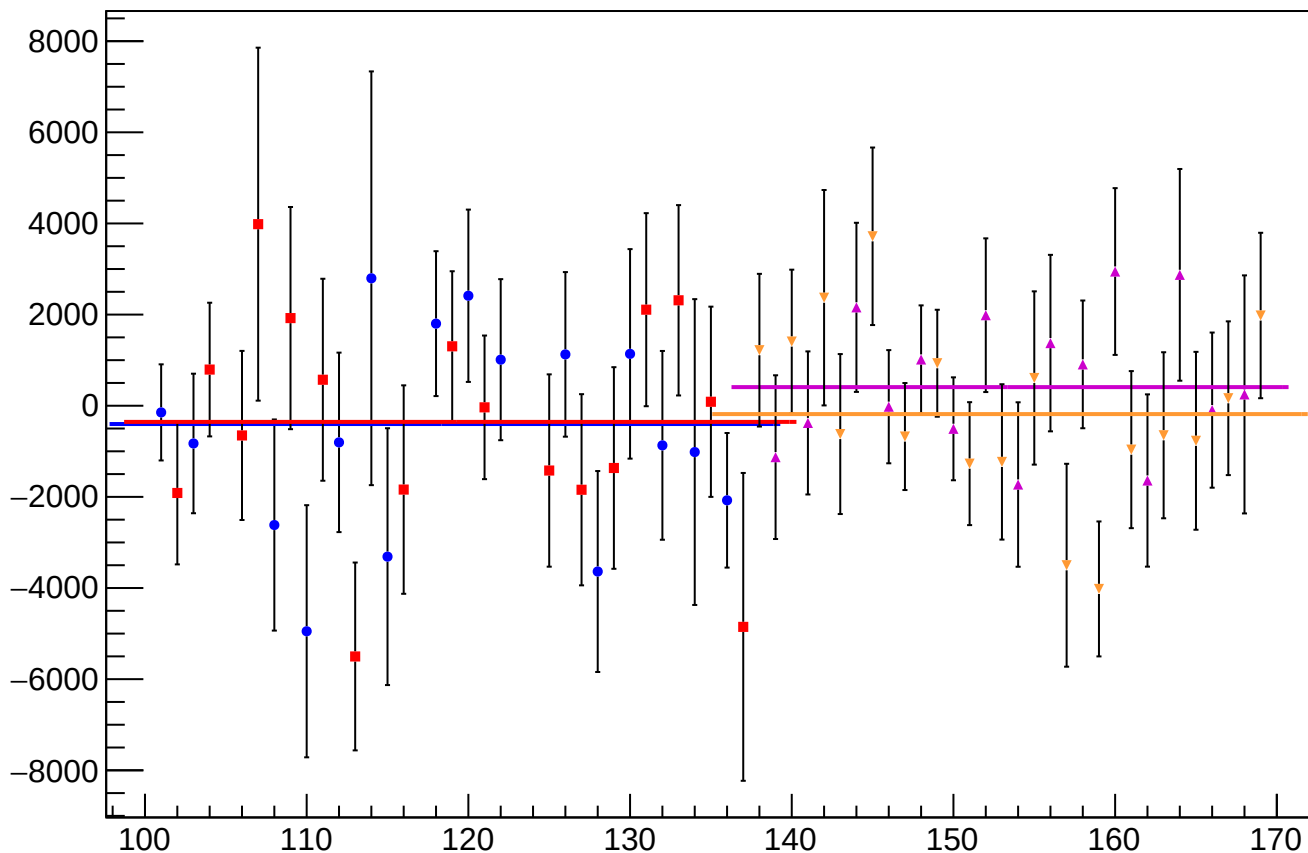
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 796.053 $\pm$ 0.131 χ^2 /NDF: 26282.8/30

Out: 806.064 $\pm$ 0.129 χ^2 /NDF: 665025.9/33

All: 801.124 $\pm$ 0.092 χ^2 /NDF: 694271.8/64

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -183.394 $\pm$ 396.492 χ^2 /NDF:20.0/16

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

Left In: 408.605 $\pm$ 413.873 χ^2 /NDF:9.9/14

Left: 99.914 $\pm$ 286.310 χ^2 /NDF: 30.9/31

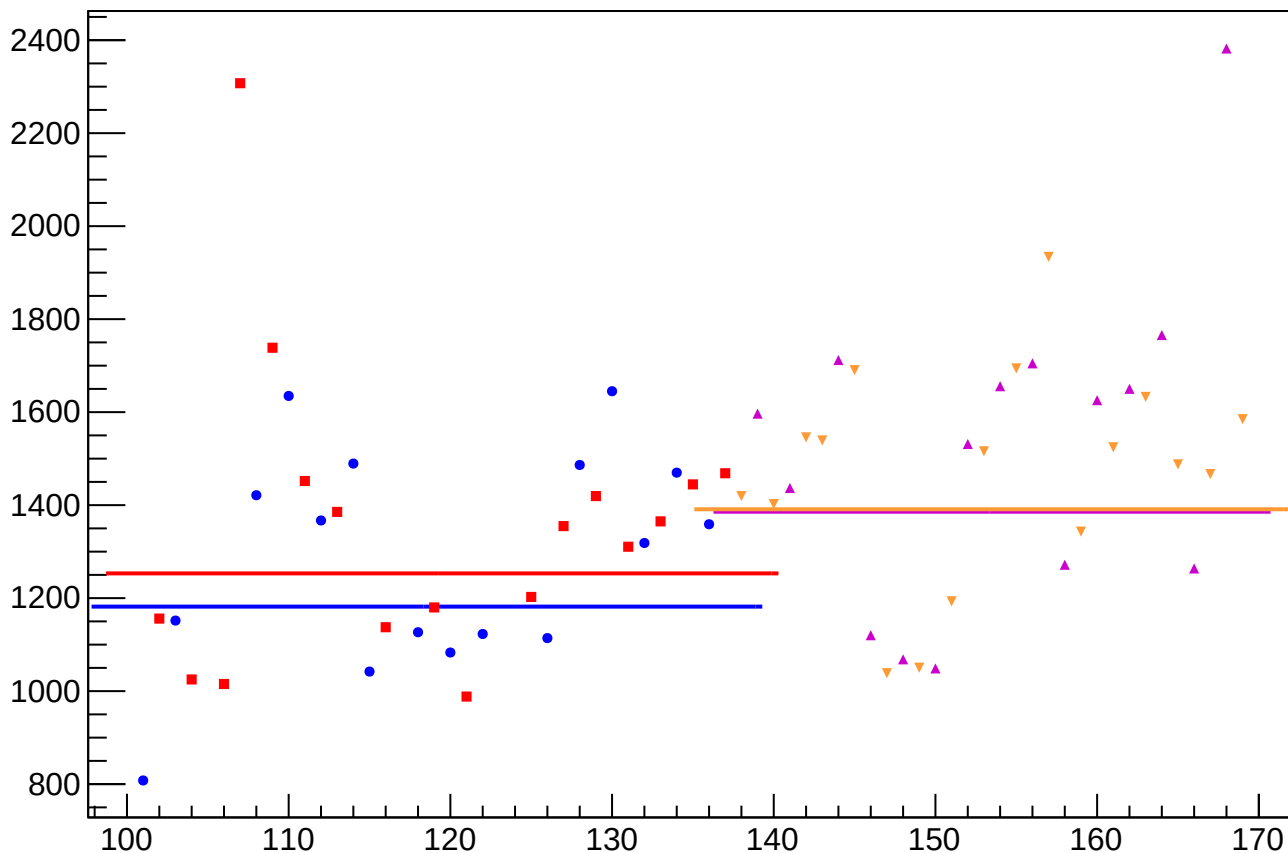
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: 53.673 $\pm$ 310.226 χ^2 /NDF:26.4/30

Out: -251.665 $\pm$ 307.355 χ^2 /NDF:37.5/33

All: -100.415 $\pm$ 218.341 χ^2 /NDF: 64.4/64

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1391.117 $\pm$ 0.280 χ^2 /NDF: 724122.2/16

Right Out: 1253.221 $\pm$ 0.344 χ^2 /NDF: 455640.3/16

Left In: 1385.901 $\pm$ 0.293 χ^2 /NDF: 1059514.7/14

Left: 1388.621 $\pm$ 0.202 χ^2 /NDF: 1783802.5/31

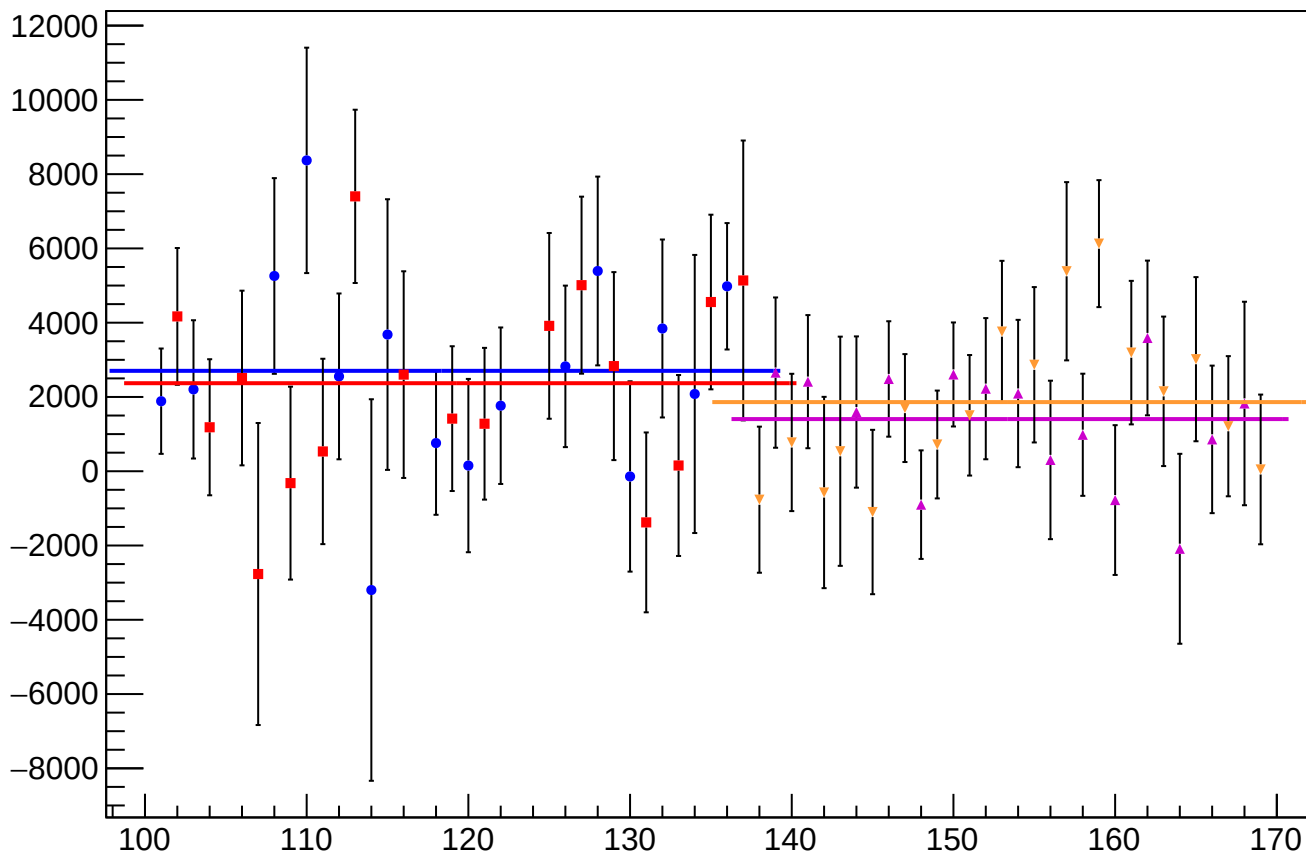
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1296.459 $\pm$ 0.219 χ^2 /NDF: 1816188.6/30

Out: 1336.084 $\pm$ 0.217 χ^2 /NDF: 1276308.4/33

All: 1316.456 $\pm$ 0.154 χ^2 /NDF: 3108963.6/64

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1861.888 $\pm$ 466.023 χ^2/NDF : 17.0/16

Right Out: 2370.617 $\pm$ 573.481 χ^2/NDF : 16.0/16

Left In: 1404.464 $\pm$ 480.863 χ^2/NDF : 9.3/14

Left: 1640.343 $\pm$ 334.652 χ^2/NDF : 26.7/31

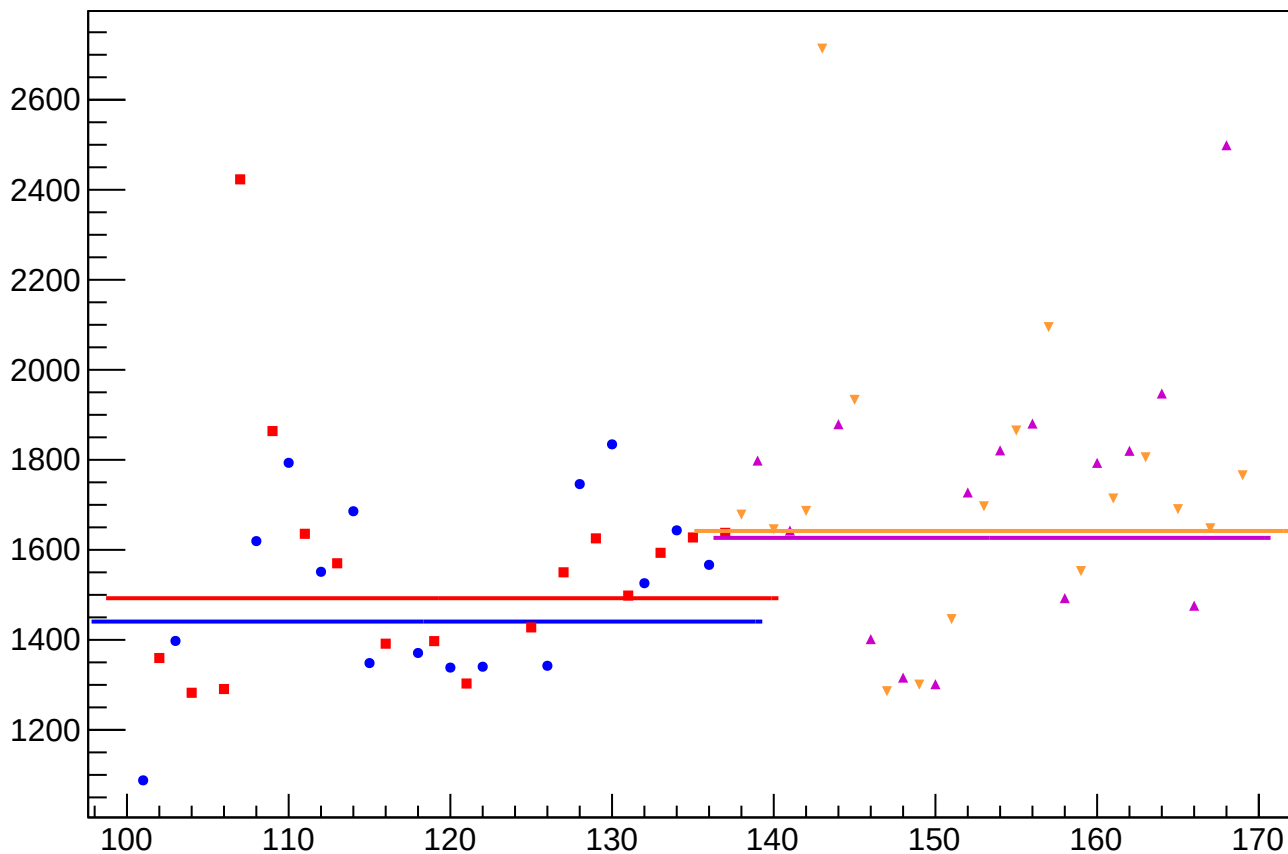
Right: 2539.780 $\pm$ 402.301 χ^2/NDF : 29.2/32

In: 1950.783 $\pm$ 366.057 χ^2/NDF : 25.4/30

Out: 2064.219 $\pm$ 361.666 χ^2/NDF : 33.5/33

All: 2008.186 $\pm$ 257.275 χ^2/NDF : 58.9/64

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1641.981+/-0.330 χ^2/NDF : 662436.2/16

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

Left In: 1626.642+/-0.340 χ^2/NDF : 628295.9/14

Left: 1634.551+/-0.237 χ^2/NDF : 1291781.5/31

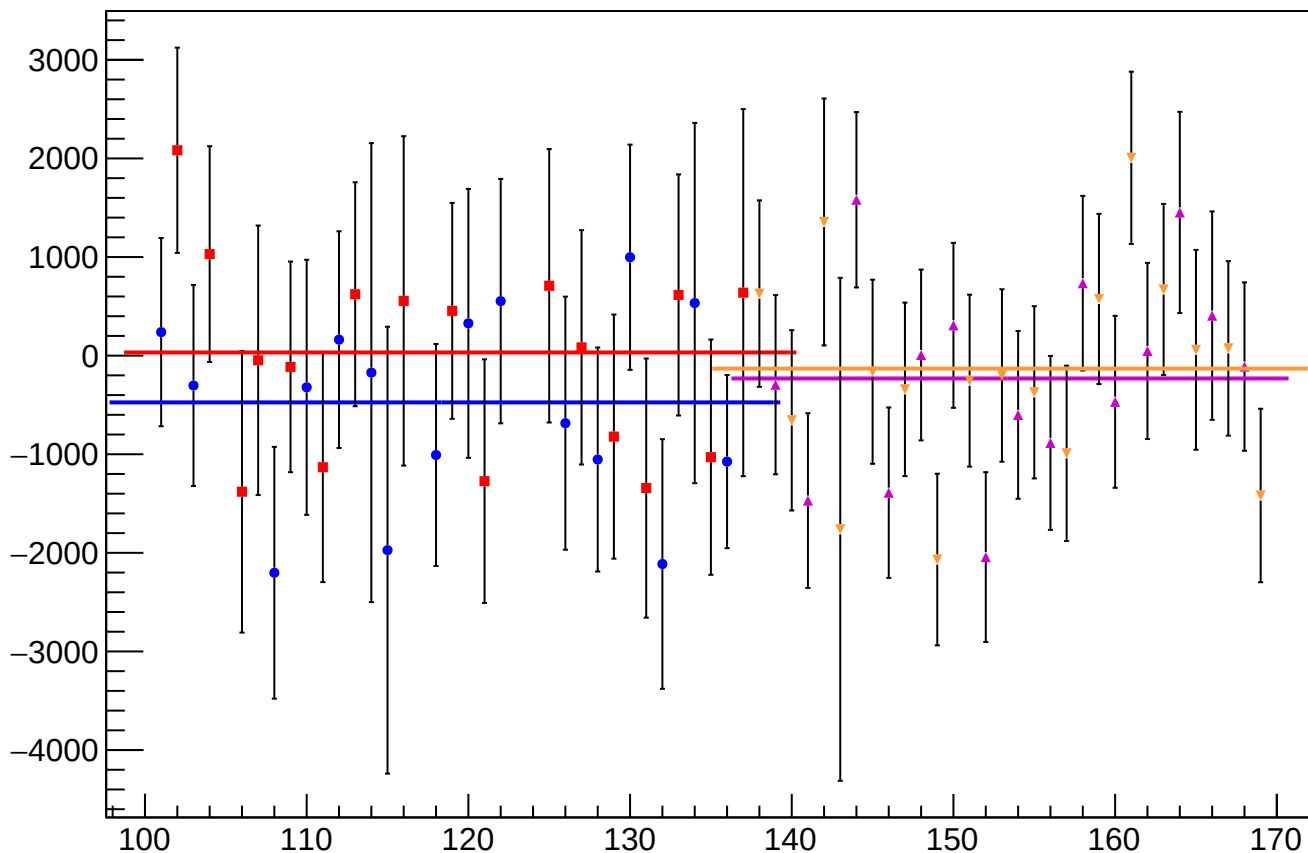
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1548.434+/-0.259 χ^2/NDF : 1036371.1/30

Out: 1582.541+/-0.256 χ^2/NDF : 995749.3/33

All: 1565.693+/-0.182 χ^2/NDF : 2040906.7/64

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -131.527+/-225.966 χ^2/NDF : 18.6/16

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

Left In: -231.371+/-229.812 χ^2/NDF : 18.0/14

Left: -180.607+/-161.125 χ^2/NDF : 36.7/31

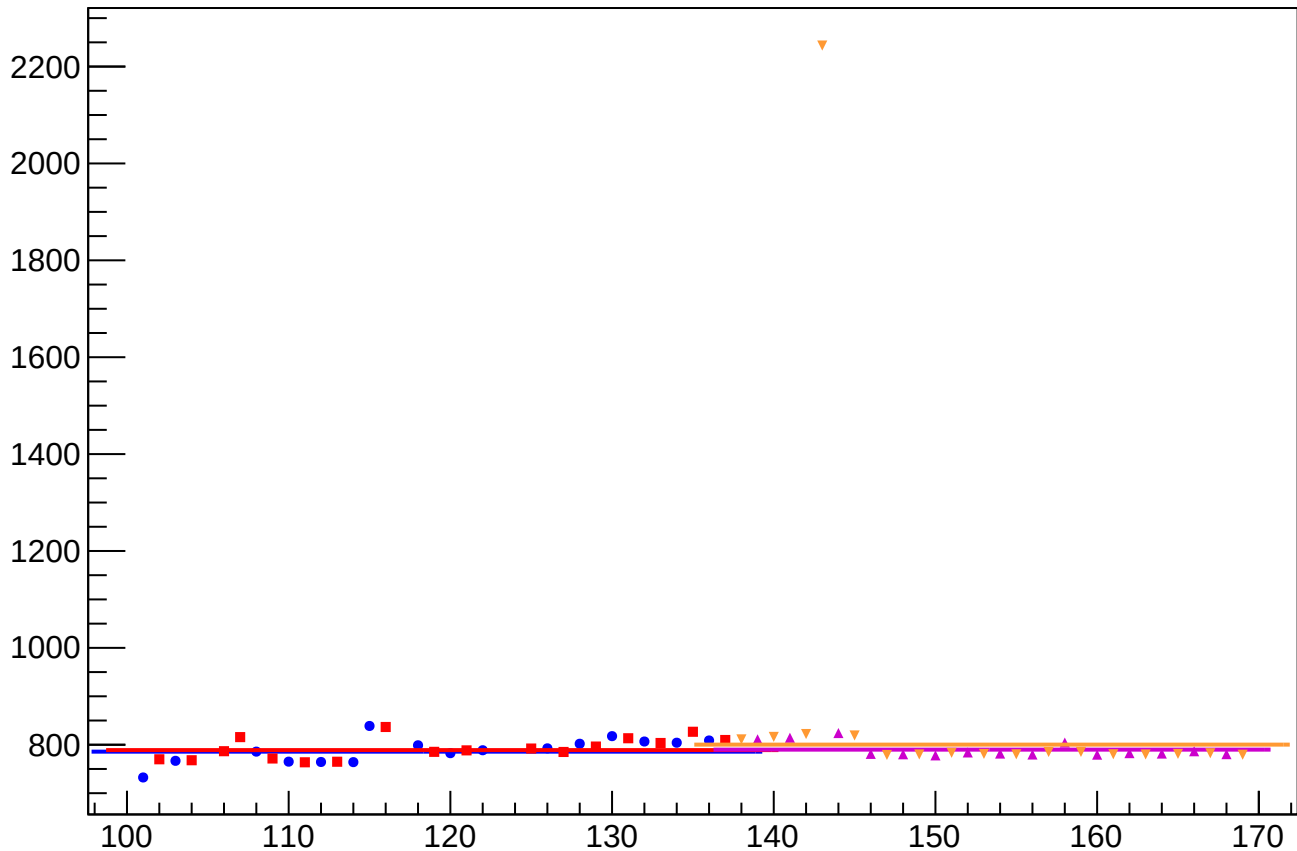
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -319.686+/-183.305 χ^2/NDF : 27.3/30

Out: -72.072+/-180.409 χ^2/NDF : 30.0/33

All: -193.907+/-128.580 χ^2/NDF : 58.3/64

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 800.249 $\pm$ 0.160 χ^2 /NDF: 653609.7/16

Right Out: 788.940 $\pm$ 0.212 χ^2 /NDF: 9525.0/16

Left In: 789.887 $\pm$ 0.163 χ^2 /NDF: 8319.1/14

Left: 795.155 $\pm$ 0.114 χ^2 /NDF: 663995.9/31

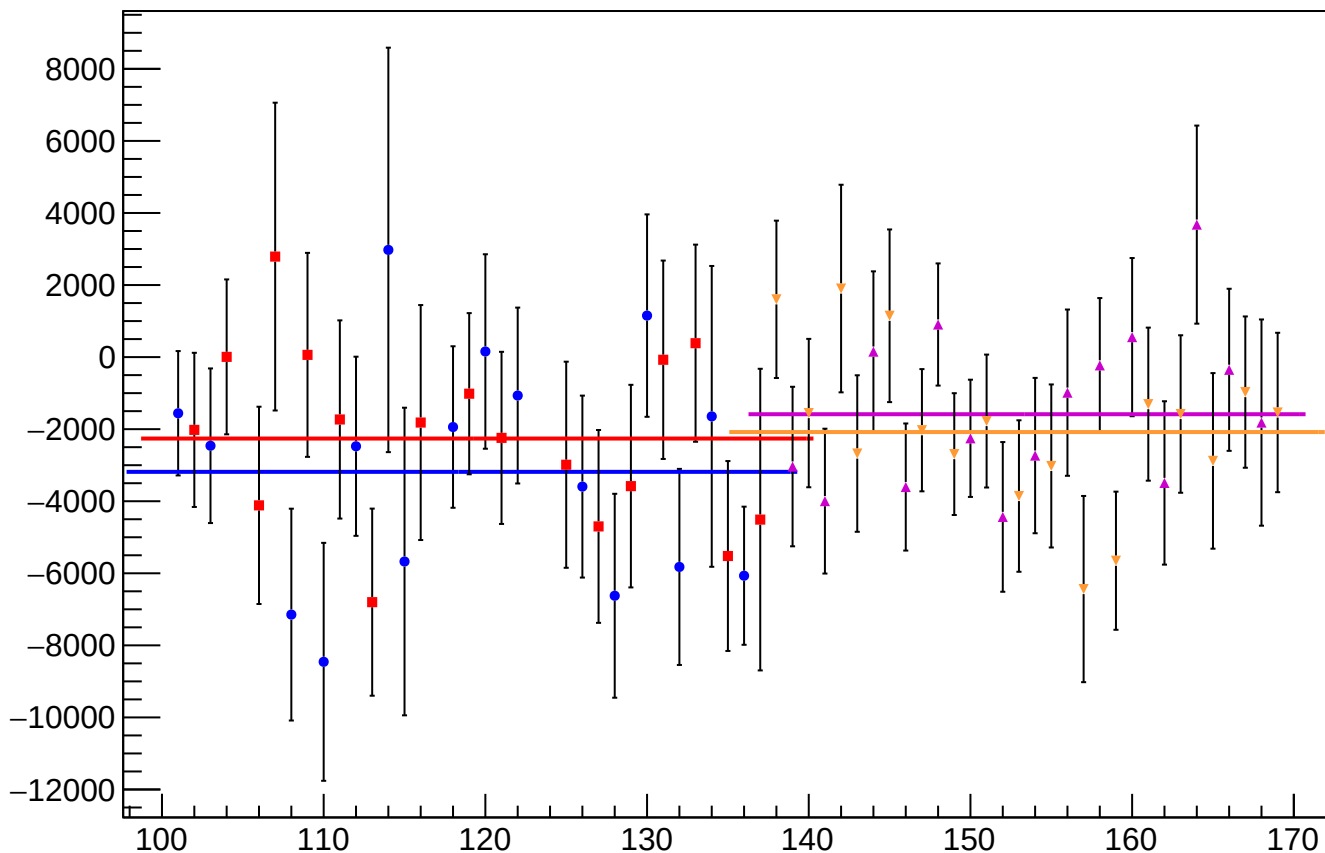
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 788.380 $\pm$ 0.130 χ^2 /NDF: 22476.8/30

Out: 796.148 $\pm$ 0.128 χ^2 /NDF: 664950.8/33

All: 792.326 $\pm$ 0.091 χ^2 /NDF: 689252.1/64

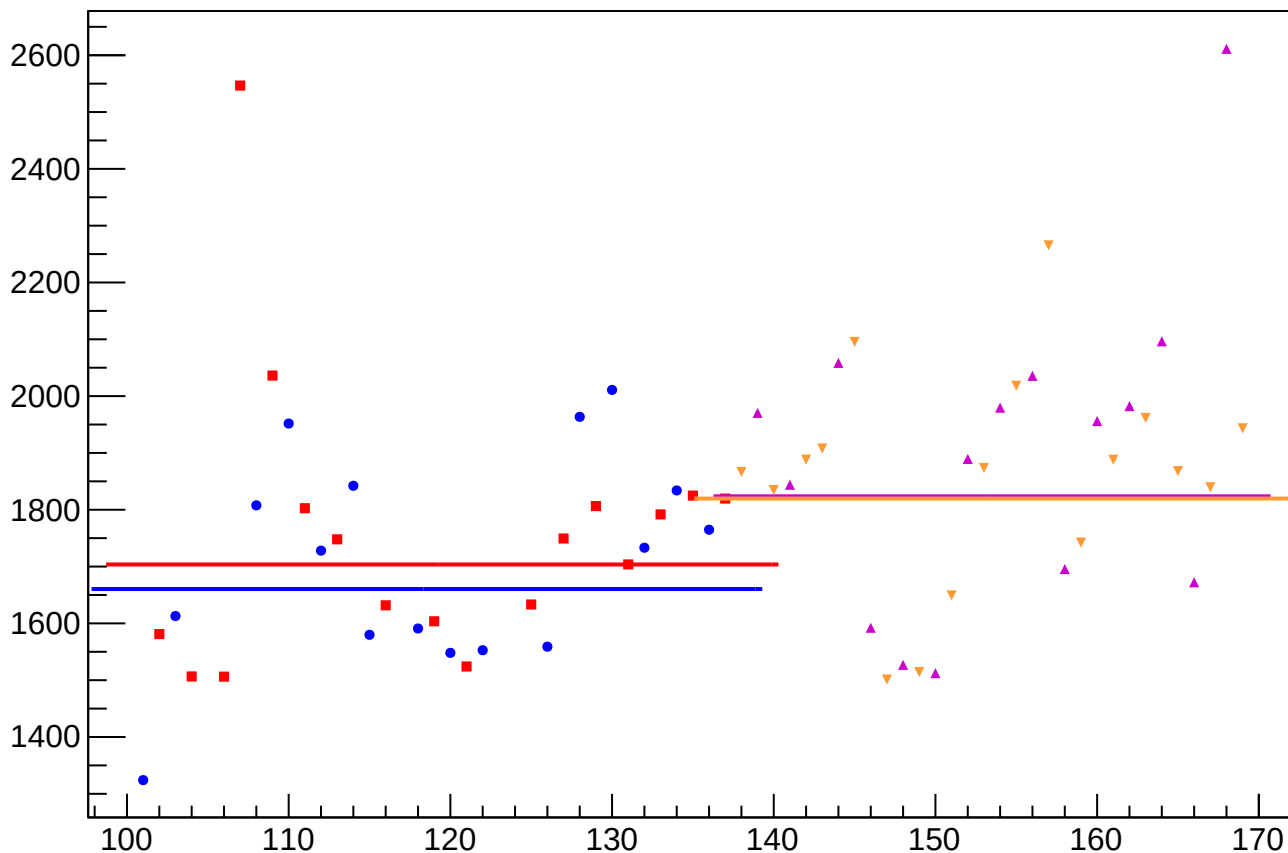
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2080.071 ± 511.783 $\chi^2/\text{NDF}: 14.7/16$
 Right Out: -2260.241 ± 651.957 $\chi^2/\text{NDF}: 11.6/16$
 Left In: -1585.309 ± 536.369 $\chi^2/\text{NDF}: 14.5/14$

Left: -1844.289 ± 370.272 $\chi^2/\text{NDF}: 29.7/31$
 Right: -2725.651 ± 459.370 $\chi^2/\text{NDF}: 29.4/32$
 In: -2236.272 ± 413.021 $\chi^2/\text{NDF}: 34.9/30$
 Out: -2148.765 ± 402.565 $\chi^2/\text{NDF}: 26.3/33$
 All: -2191.397 ± 288.282 $\chi^2/\text{NDF}: 61.3/64$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1819.683 $\pm$ 0.362 χ^2/NDF : 282076.9/16

Right Out: 1703.679 $\pm$ 0.461 χ^2/NDF : 171025.5/16

Left In: 1823.612 $\pm$ 0.379 χ^2/NDF : 436187.1/14

Left: 1821.555 $\pm$ 0.262 χ^2/NDF : 718320.1/31

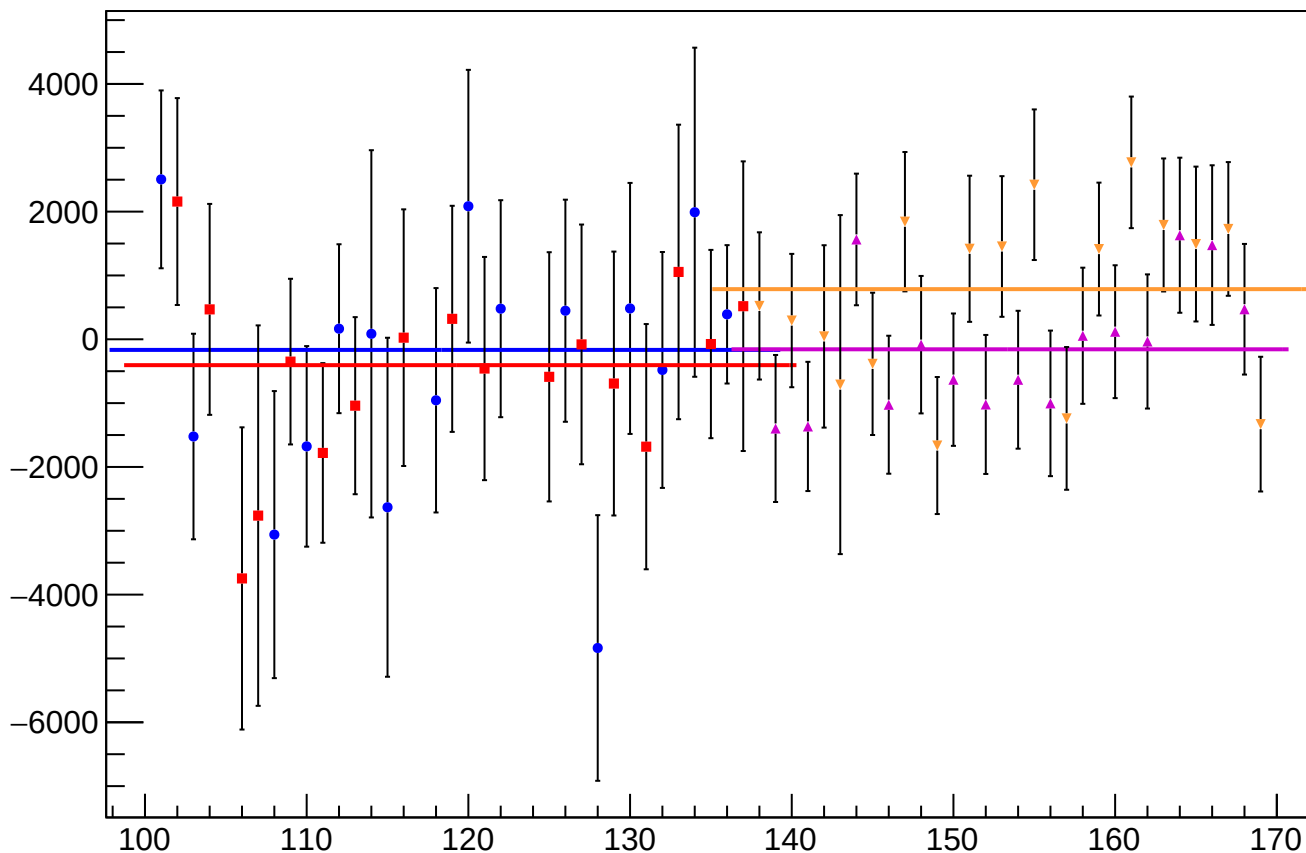
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1757.201 $\pm$ 0.292 χ^2/NDF : 690716.3/30

Out: 1775.454 $\pm$ 0.285 χ^2/NDF : 492279.6/33

All: 1766.562 $\pm$ 0.204 χ^2/NDF : 1184999.1/64

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 785.482 ± 275.310 $\chi^2/\text{NDF}: 24.2/16$

Right Out: -405.286 ± 428.618 $\chi^2/\text{NDF}: 7.9/16$

Left In: -156.992 ± 279.831 $\chi^2/\text{NDF}: 12.0/14$

Left: 321.920 ± 196.252 $\chi^2/\text{NDF}: 41.9/31$

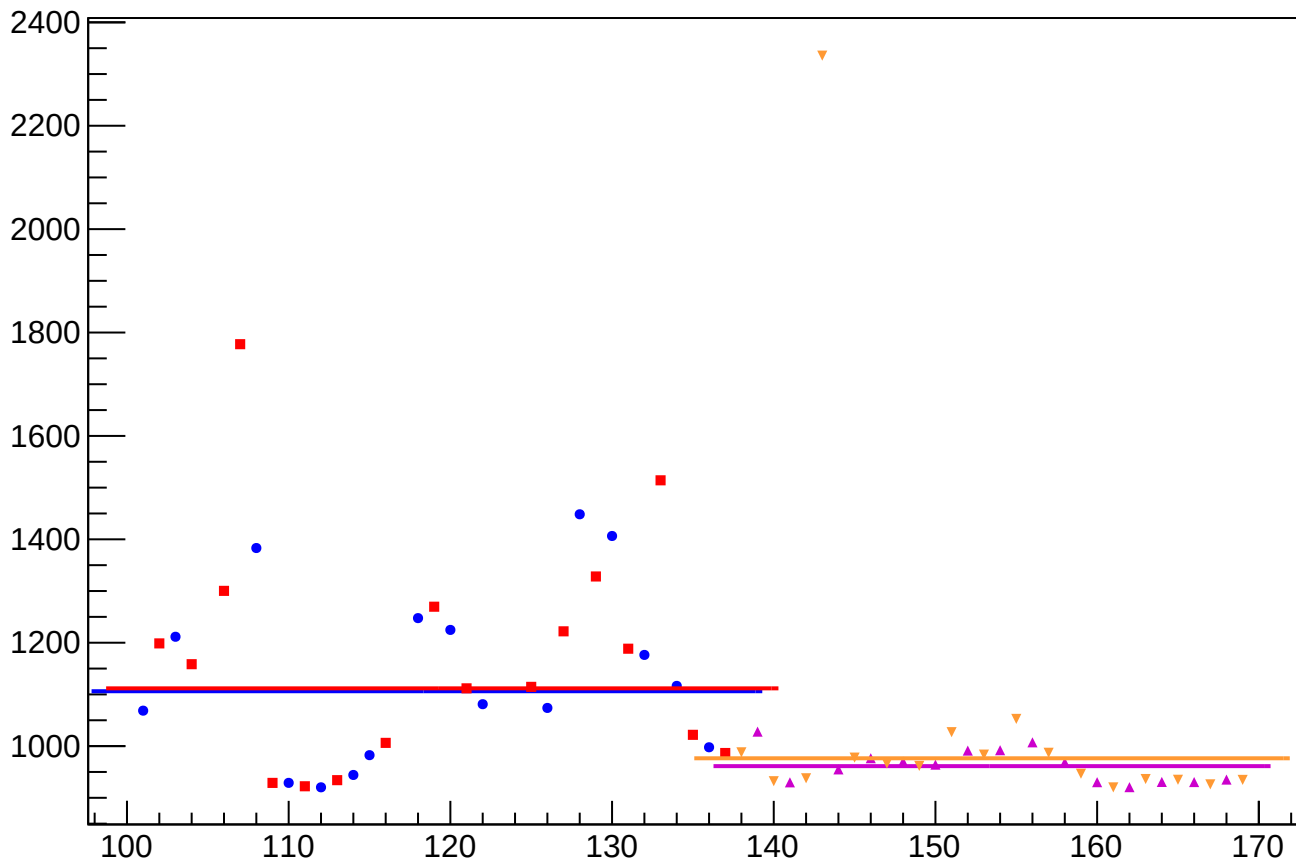
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -159.754 ± 234.972 $\chi^2/\text{NDF}: 27.6/30$

Out: 437.691 ± 231.641 $\chi^2/\text{NDF}: 37.5/33$

All: 143.233 ± 164.960 $\chi^2/\text{NDF}: 68.4/64$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 ± 0.306 $\chi^2/NDF: 259917.7/15$

Left Out: 976.444 ± 0.195 $\chi^2/NDF: 563001.5/16$

Right Out: 1111.726 ± 0.303 $\chi^2/NDF: 356388.5/16$

Left In: 961.267 ± 0.198 $\chi^2/NDF: 24302.5/14$

Left: 968.979 ± 0.139 $\chi^2/NDF: 590293.4/31$

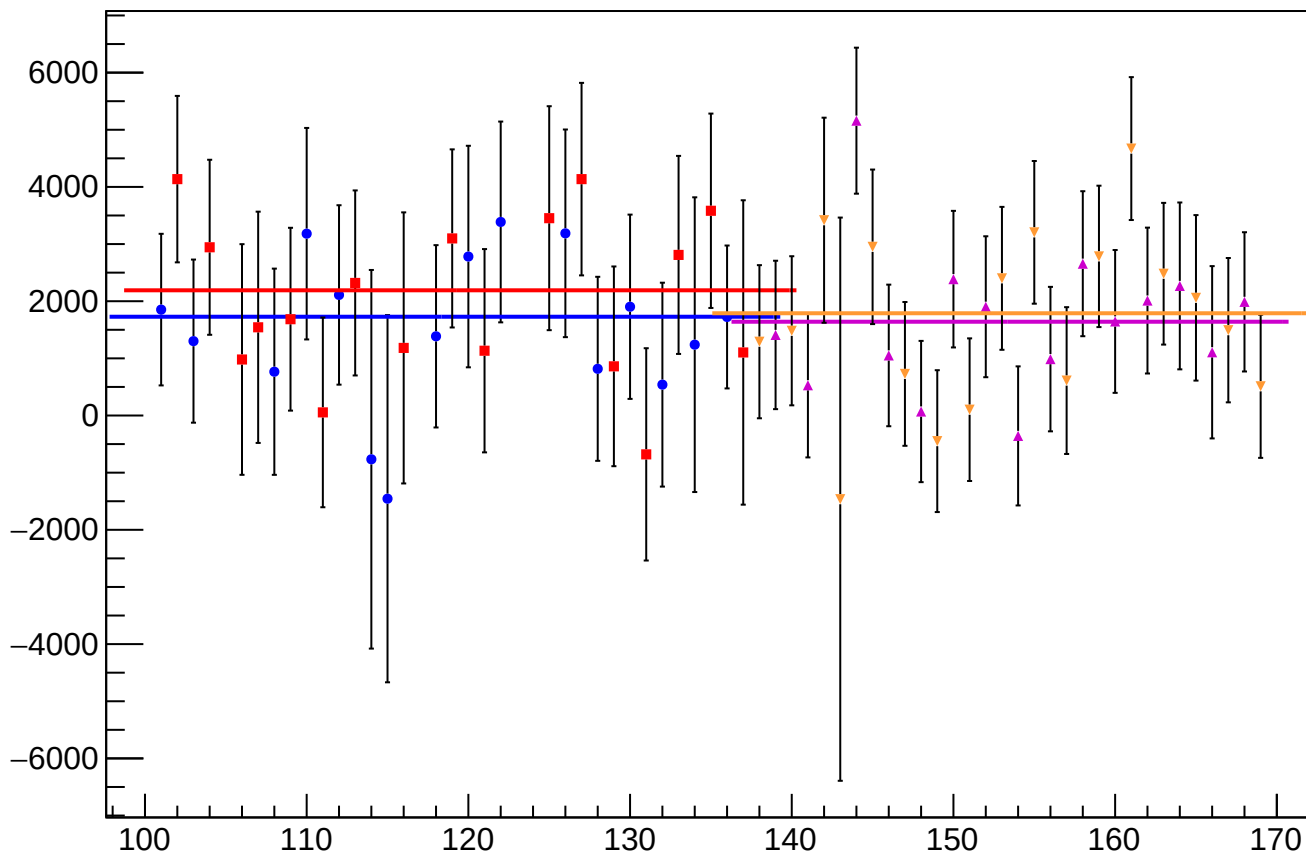
Right: 1108.969 ± 0.215 $\chi^2/NDF: 616473.4/32$

In: 1003.998 ± 0.166 $\chi^2/NDF: 442354.3/30$

Out: 1015.956 ± 0.164 $\chi^2/NDF: 1060434.9/33$

All: 1010.062 ± 0.117 $\chi^2/NDF: 1505416.1/64$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1789.413 $\pm$ 323.770 χ^2/NDF : 17.7/16

Right Out: 2190.971 $\pm$ 427.222 χ^2/NDF : 10.8/16

Left In: 1640.900 $\pm$ 328.666 χ^2/NDF : 14.7/14

Left: 1716.271 $\pm$ 230.651 χ^2/NDF : 32.6/31

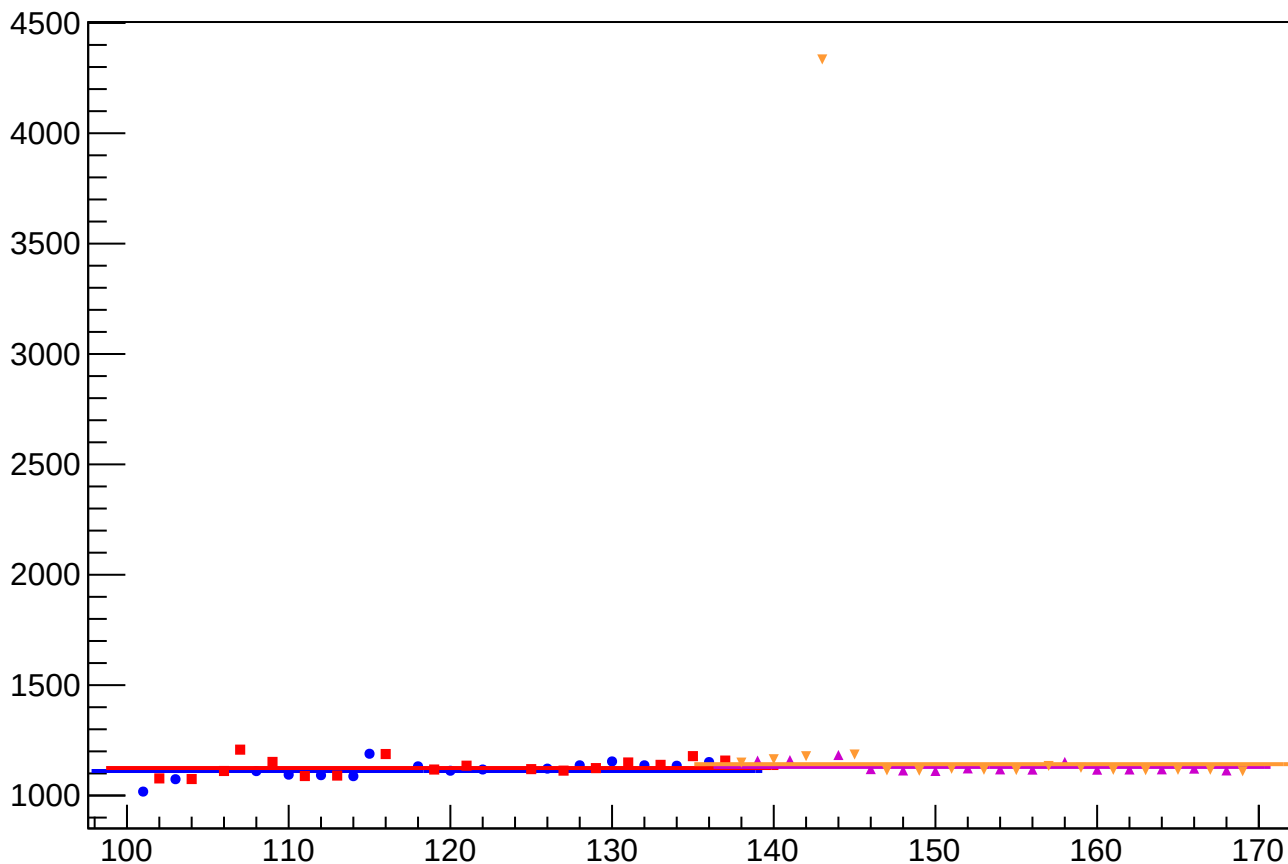
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1673.209 $\pm$ 261.080 χ^2/NDF : 20.1/30

Out: 1935.906 $\pm$ 258.040 χ^2/NDF : 29.1/33

All: 1806.096 $\pm$ 183.527 χ^2/NDF : 49.7/64

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1141.994 $\pm$ 0.229 χ^2 /NDF: 852454.9/16

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

Left In: 1129.591 $\pm$ 0.232 χ^2 /NDF: 8605.6/14

Left: 1135.885 $\pm$ 0.163 χ^2 /NDF: 862506.1/31

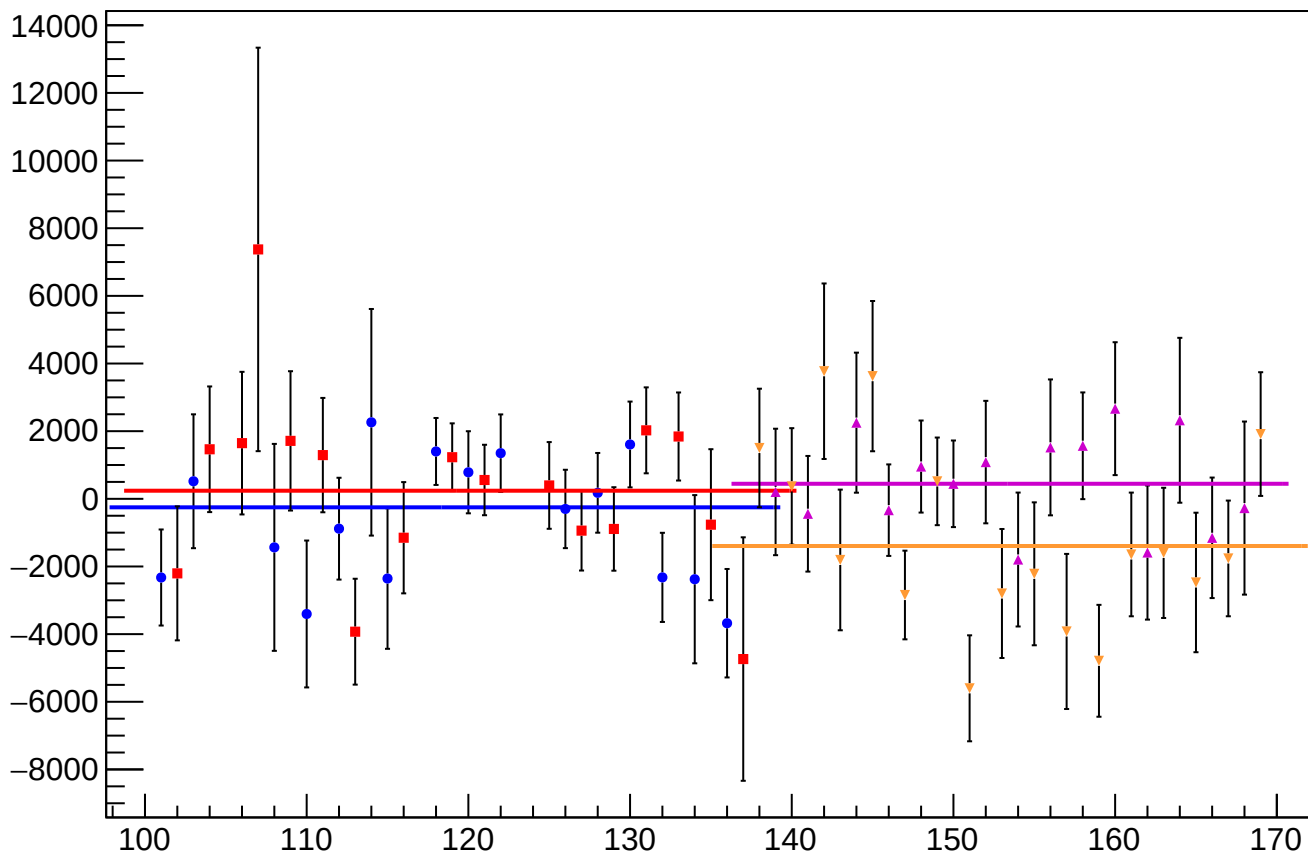
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1122.747 $\pm$ 0.185 χ^2 /NDF: 29047.0/30

Out: 1135.617 $\pm$ 0.182 χ^2 /NDF: 869182.3/33

All: 1129.257 $\pm$ 0.130 χ^2 /NDF: 900688.1/64

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1394.803 ± 433.083 χ^2/NDF : 33.3/16

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

Left In: 445.156 ± 450.914 χ^2/NDF : 7.5/14

Left: -511.922 ± 312.350 χ^2/NDF : 49.4/31

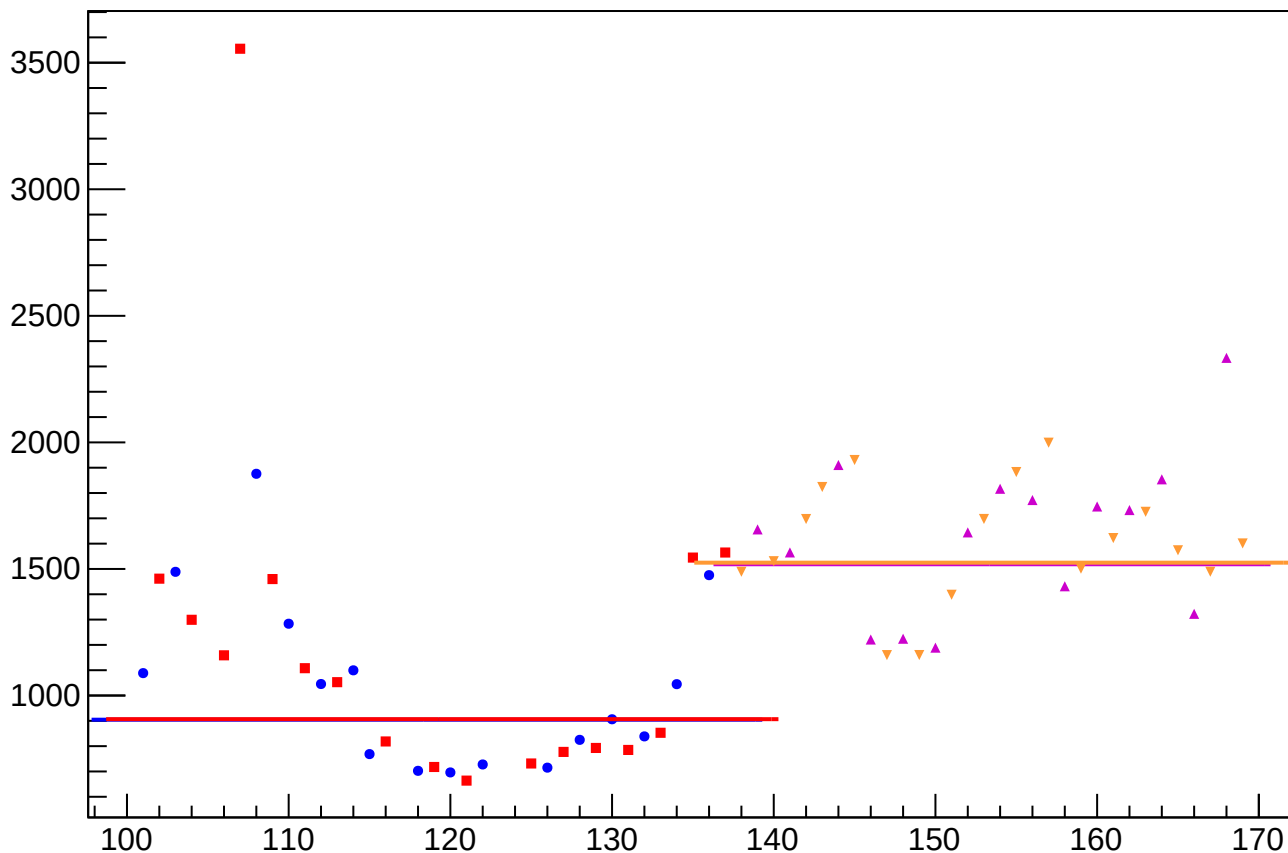
Right: -4.984 ± 257.666 χ^2/NDF : 43.8/32

In: 24.335 ± 283.679 χ^2/NDF : 30.8/30

Out: -436.504 ± 278.579 χ^2/NDF : 62.7/33

All: -210.264 ± 198.764 χ^2/NDF : 94.8/64

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 $\pm$ 0.258 χ^2/NDF : 1021094.8/15

Left Out: 1524.857 $\pm$ 0.306 χ^2/NDF : 637466.1/16

Right Out: 906.594 $\pm$ 0.257 χ^2/NDF : 1376076.4/16

Left In: 1518.563 $\pm$ 0.319 χ^2/NDF : 815217.6/14

Left: 1521.837 $\pm$ 0.221 χ^2/NDF : 1452886.3/31

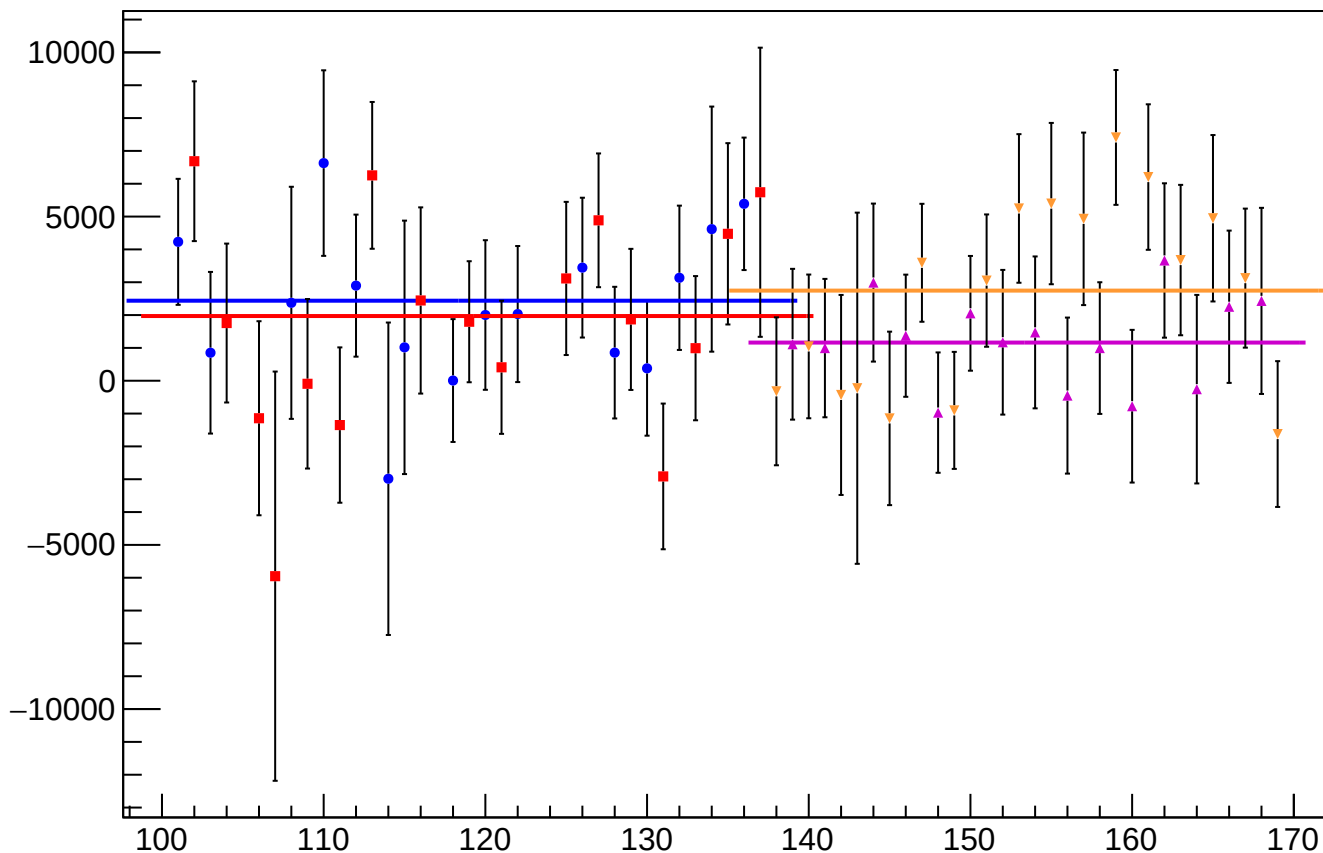
Right: 905.545 $\pm$ 0.182 χ^2/NDF : 2397204.6/32

In: 1147.534 $\pm$ 0.201 χ^2/NDF : 4077460.8/30

Out: 1162.409 $\pm$ 0.197 χ^2/NDF : 4403027.4/33

All: 1155.107 $\pm$ 0.141 χ^2/NDF : 8483287.7/64

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1973.983 $\pm$ 395.296 χ^2/NDF : 35.2/31

Right Out: 2745.084 $\pm$ 552.002 χ^2/NDF : 26.0/16

Left In: 1162.300 $\pm$ 566.341 χ^2/NDF : 5.2/14

Left: 1973.983 $\pm$ 395.296 χ^2/NDF : 35.2/31

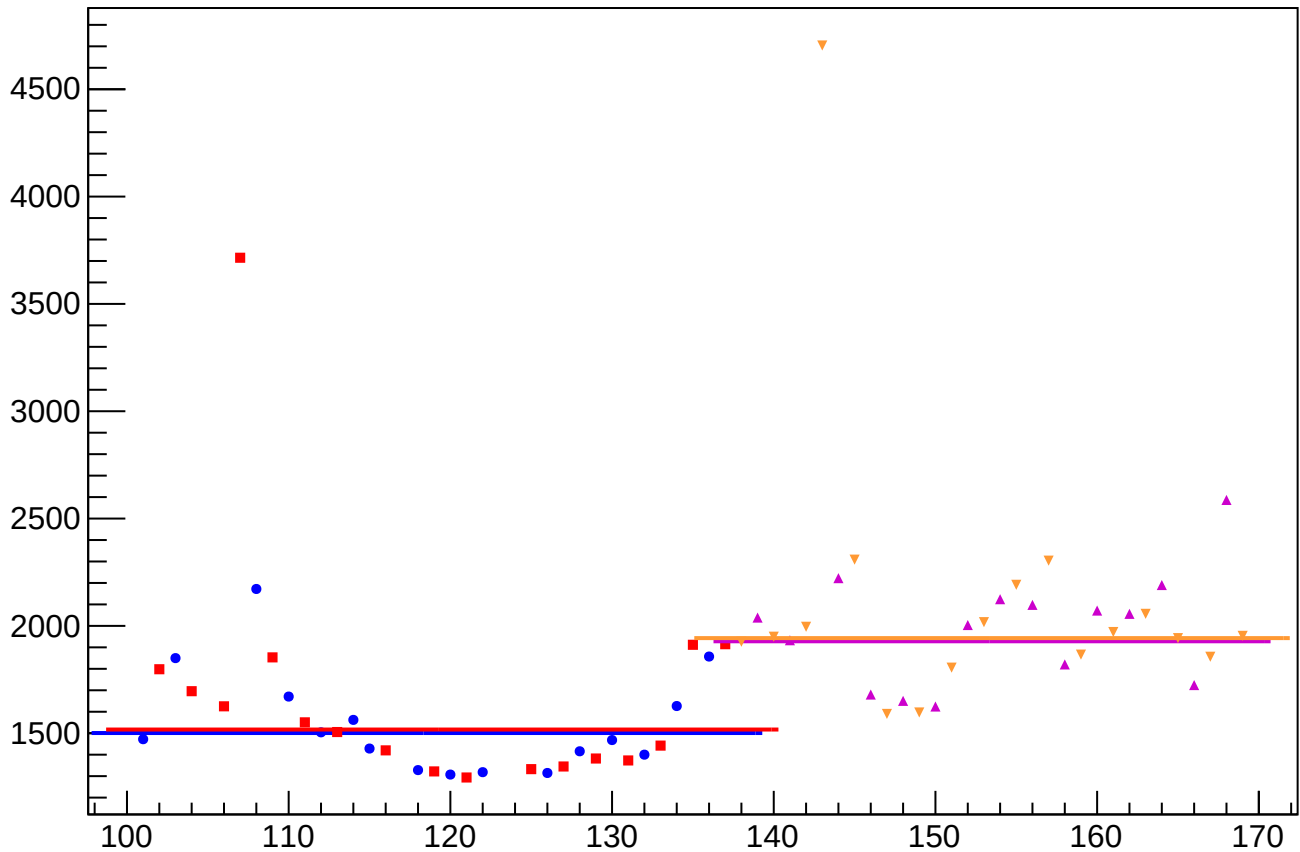
Right: 2204.149 $\pm$ 414.681 χ^2/NDF : 33.8/32

In: 1777.905 $\pm$ 407.314 χ^2/NDF : 18.8/30

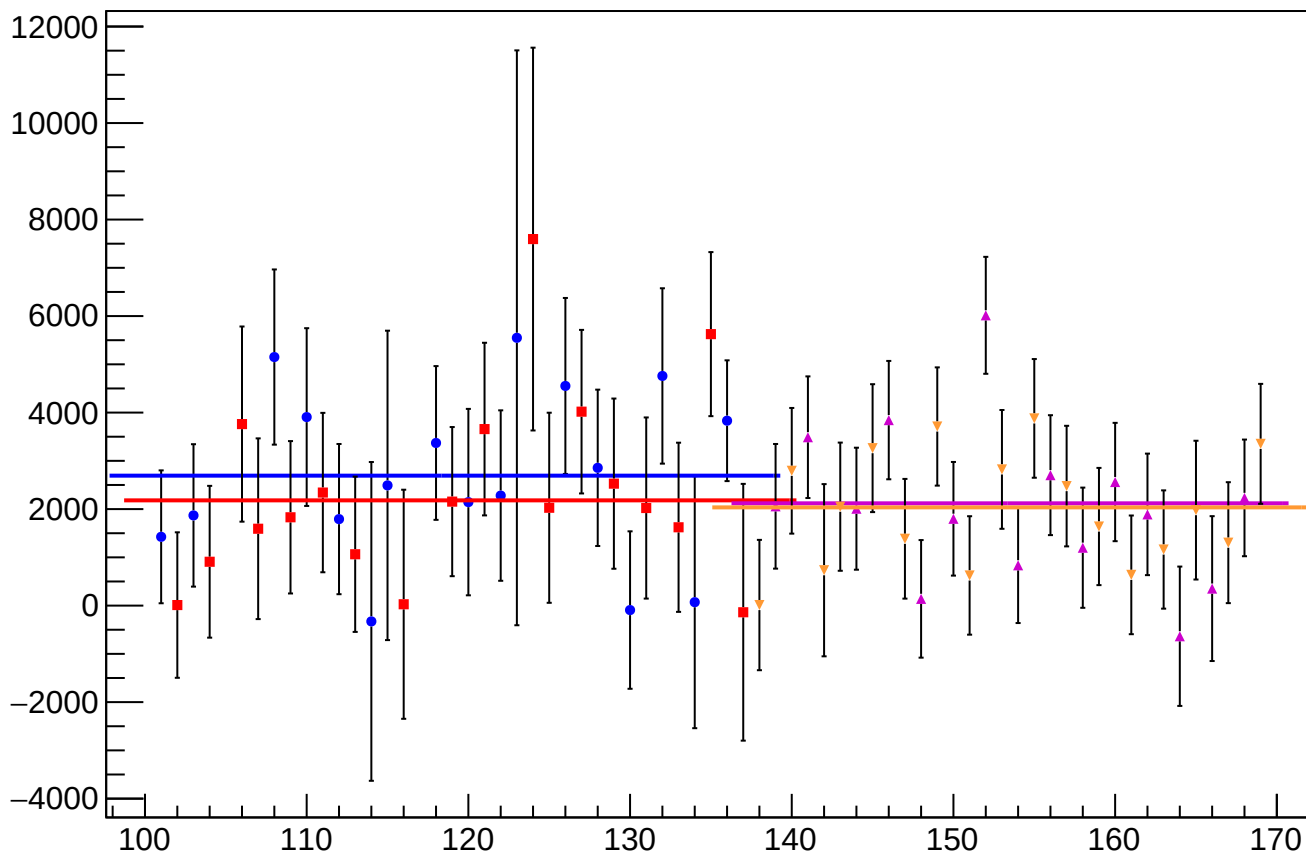
Out: 2381.323 $\pm$ 402.020 χ^2/NDF : 49.2/33

All: 2083.561 $\pm$ 286.124 χ^2/NDF : 69.1/64

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2035.432 $\pm$ 311.544 χ^2 /NDF:13.6/16

Right Out: 2180.980 $\pm$ 425.451 χ^2 /NDF: 13.5/17

Left In: 2119.602 $\pm$ 324.614 χ^2 /NDF:23.3/14

Left: 2075.789 $\pm$ 224.774 χ^2 /NDF: 37.0/31

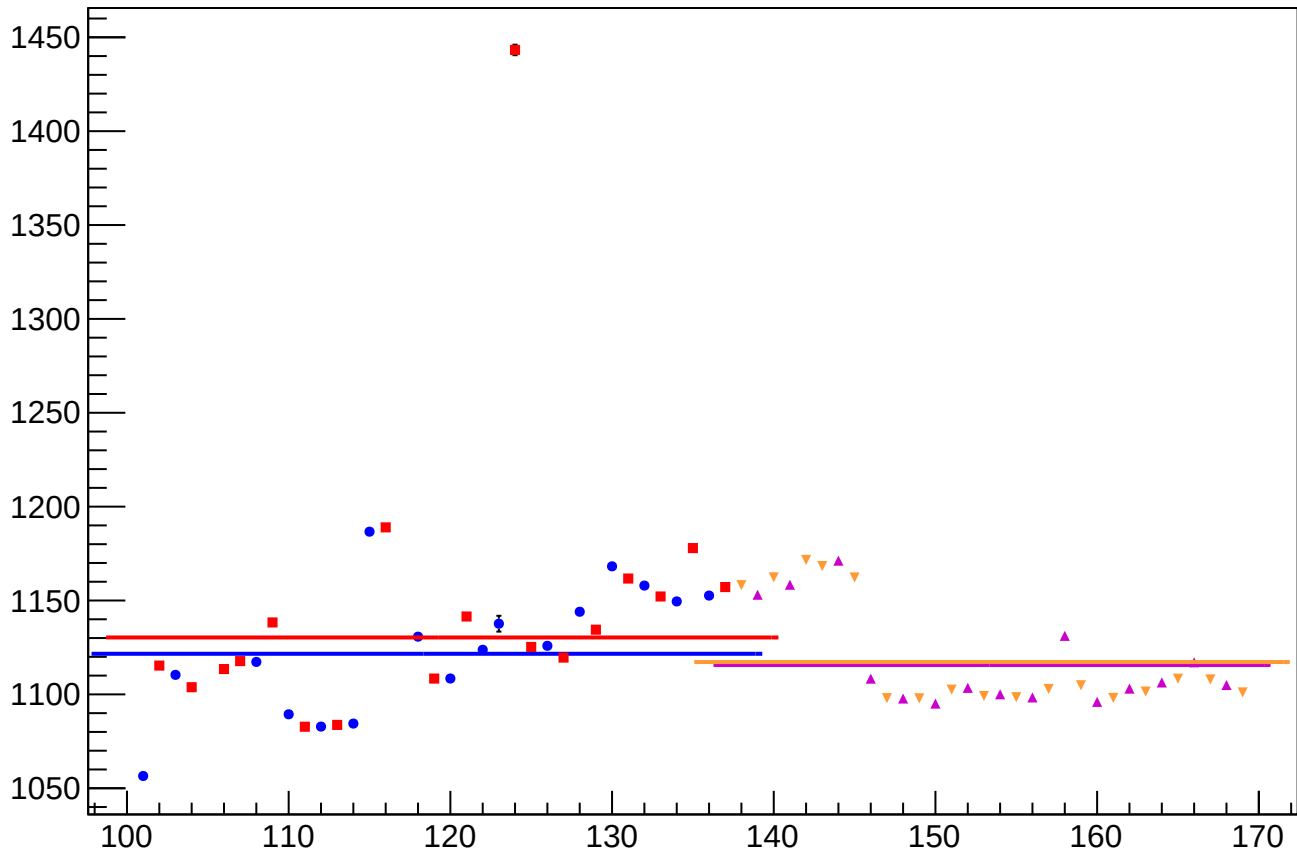
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2326.148 $\pm$ 259.647 χ^2 /NDF:36.7/31

Out: 2086.236 $\pm$ 251.358 χ^2 /NDF:27.2/34

All: 2202.302 $\pm$ 180.597 χ^2 /NDF: 64.4/66

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1117.222 $\pm$ 0.220 χ^2 /NDF:15337.8/16

Right Out: 1130.316 $\pm$ 0.301 χ^2 /NDF: 21276.1/17

Left In: 1115.650 $\pm$ 0.230 χ^2 /NDF:11147.2/14

Left: 1116.469 $\pm$ 0.159 χ^2 /NDF: 26509.4/31

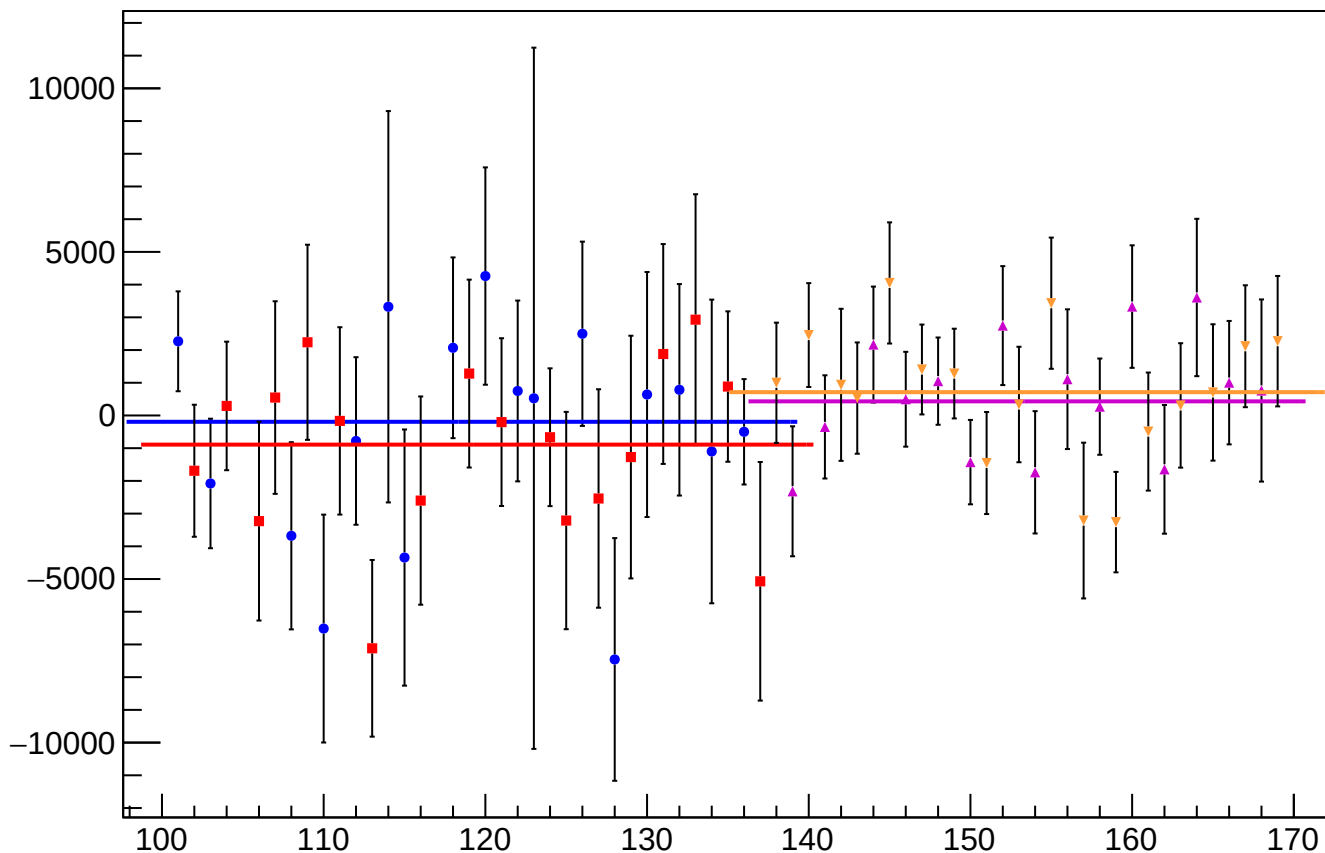
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1117.803 $\pm$ 0.184 χ^2 /NDF:23371.6/31

Out: 1121.793 $\pm$ 0.178 χ^2 /NDF:37847.0/34

All: 1119.863 $\pm$ 0.128 χ^2 /NDF: 61462.4/66

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 712.400 ± 425.986 $\chi^2/\text{NDF}: 19.8/16$

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

Left In: 431.159 ± 446.830 $\chi^2/\text{NDF}: 13.9/14$

Left: 578.492 ± 308.323 $\chi^2/\text{NDF}: 33.9/31$

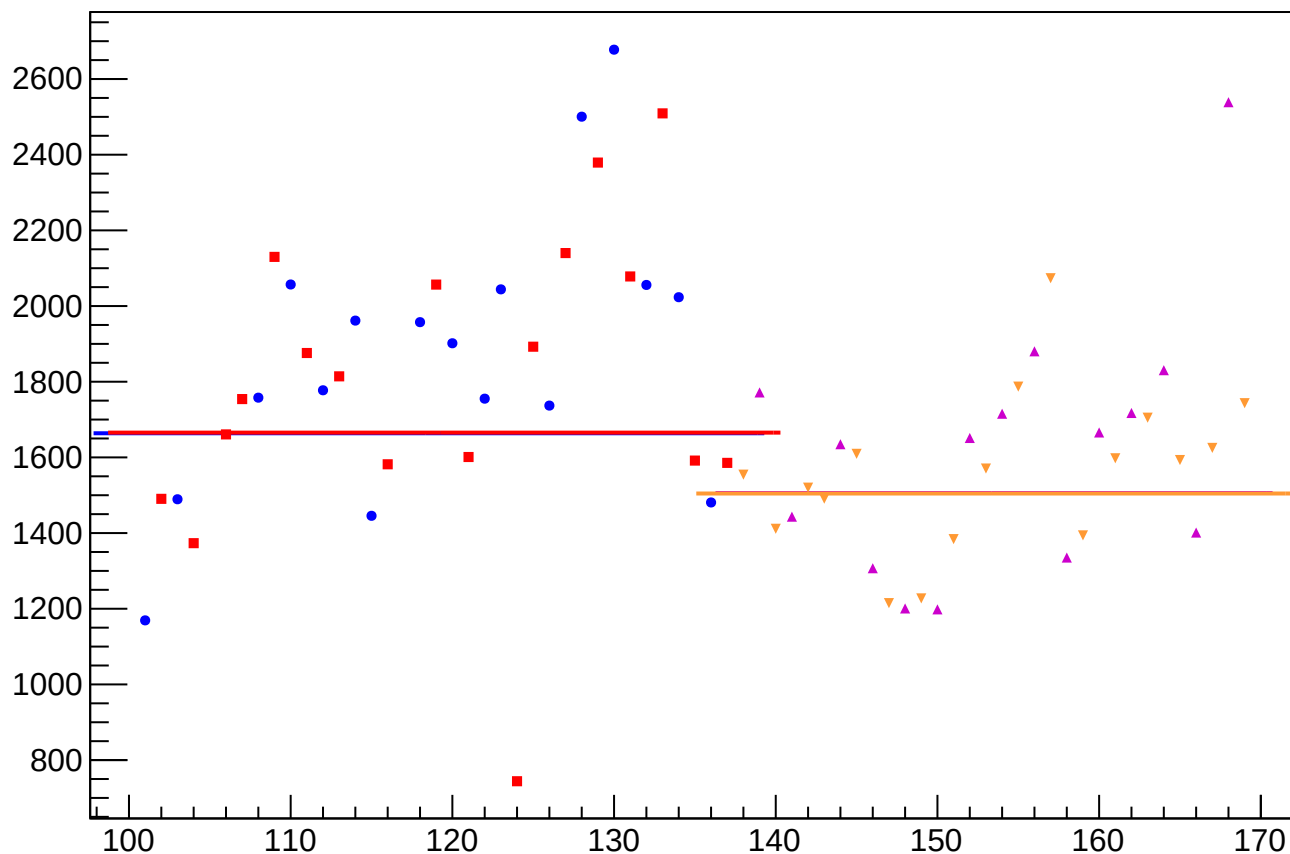
Right: -548.030 ± 463.023 $\chi^2/\text{NDF}: 31.0/34$

In: 235.031 ± 370.072 $\chi^2/\text{NDF}: 31.8/31$

Out: 230.015 ± 356.192 $\chi^2/\text{NDF}: 37.2/34$

All: 232.427 ± 256.632 $\chi^2/\text{NDF}: 69.0/66$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1504.559 +/- 0.301 χ^2/NDF : 432893.5/16

Right Out: 1665.466 +/- 0.459 χ^2/NDF : 802791.6/17

Left In: 1505.880 +/- 0.316 χ^2/NDF : 787267.2/14

Left: 1505.188 +/- 0.218 χ^2/NDF : 1220169.8/31

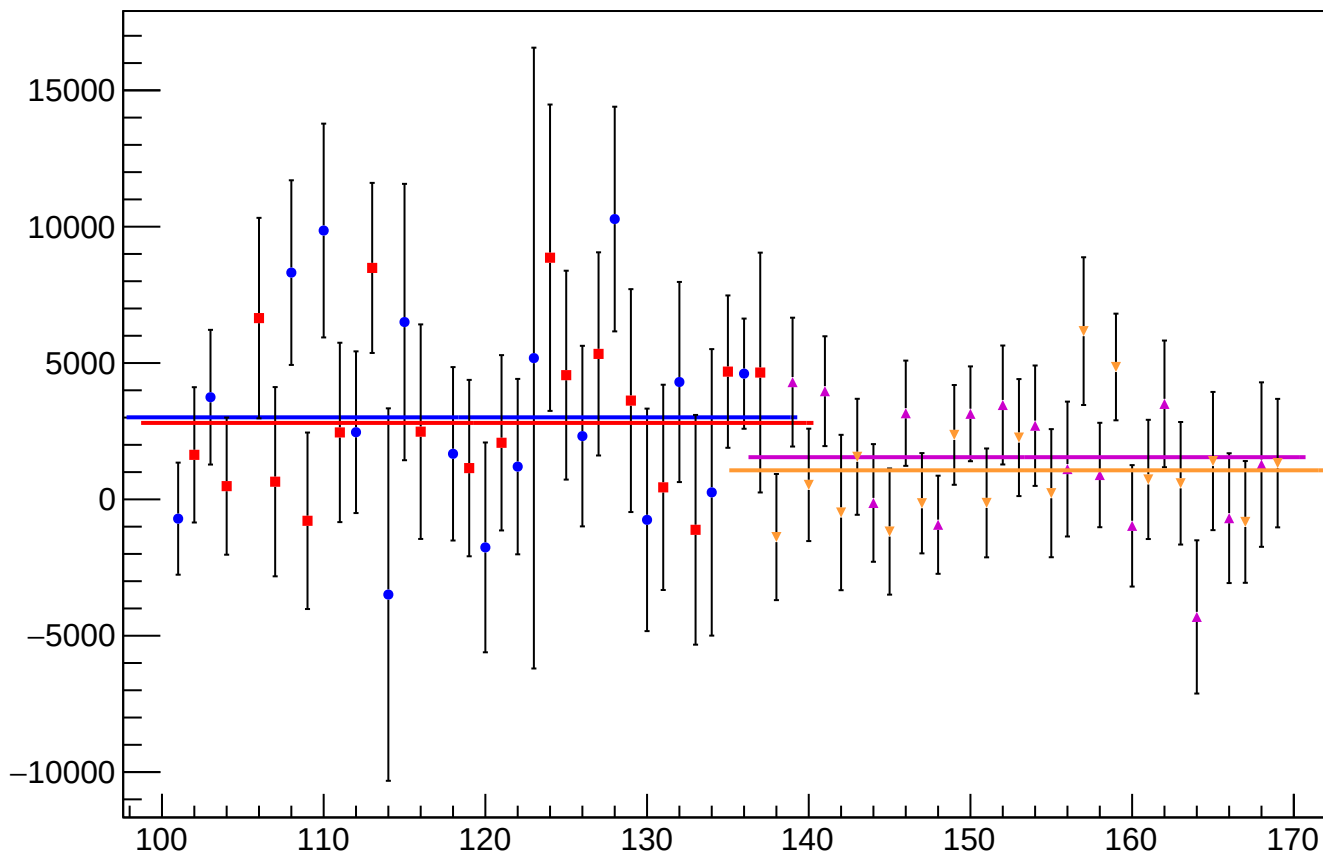
Right: 1664.637 +/- 0.327 χ^2/NDF : 1425275.8/34

In: 1555.470 +/- 0.262 χ^2/NDF : 1488180.7/31

Out: 1552.967 +/- 0.252 χ^2/NDF : 1321532.0/34

All: 1554.171 +/- 0.181 χ^2/NDF : 2809760.2/66

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1065.724+/-531.565 χ^2/NDF : 12.3/16

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 1547.627+/-558.967 χ^2/NDF : 15.3/14

Left: 1294.574+/-385.196 χ^2/NDF : 28.0/31

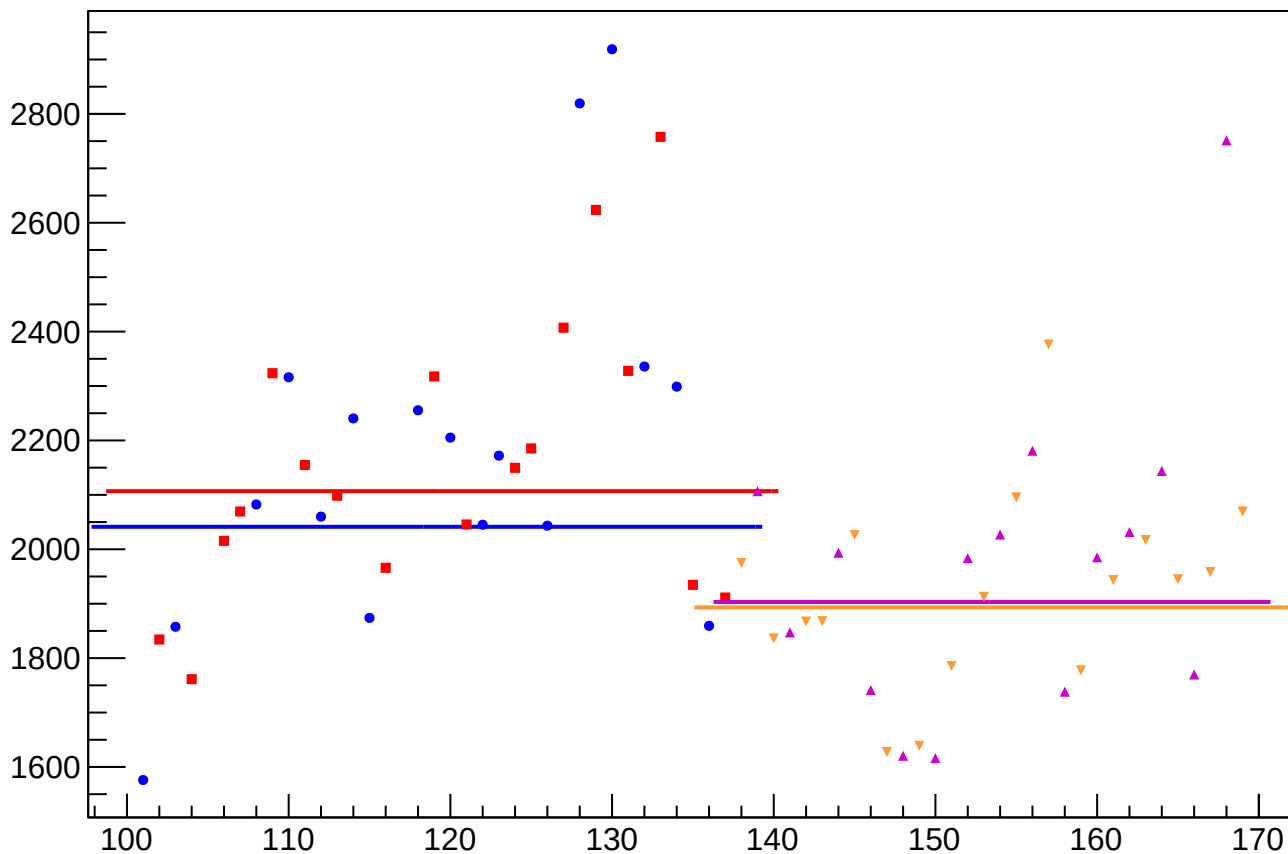
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2027.369+/-458.135 χ^2/NDF : 34.9/31

Out: 1598.492+/-442.670 χ^2/NDF : 26.8/34

All: 1805.570+/-318.342 χ^2/NDF : 62.1/66

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1893.263 $\pm$ 0.376 χ^2 /NDF: 203788.8/16

Right Out: 2106.845 $\pm$ 0.565 χ^2 /NDF: 196720.6/17

Left In: 1903.159 $\pm$ 0.395 χ^2 /NDF: 374911.9/14

Left: 1897.962 $\pm$ 0.272 χ^2 /NDF: 579029.9/31

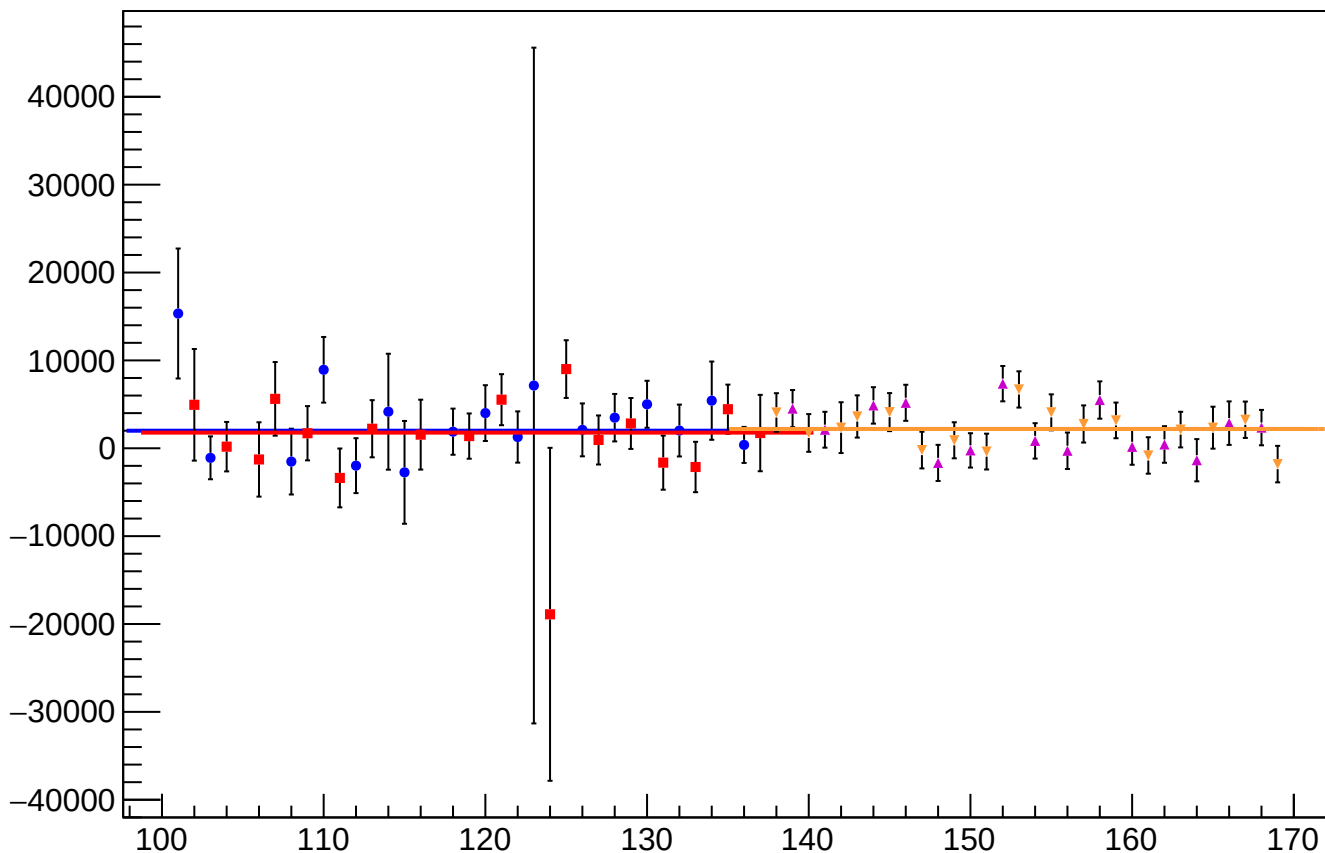
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1948.518 $\pm$ 0.324 χ^2 /NDF: 753472.3/31

Out: 1958.725 $\pm$ 0.313 χ^2 /NDF: 499472.5/34

All: 1953.797 $\pm$ 0.225 χ^2 /NDF: 1253458.3/60

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2 /NDF: 14.8/16

Left Out: 2193.912 $\pm$ 520.235 χ^2 /NDF:17.2/16

Right Out: 1781.823 $\pm$ 781.836 χ^2 /NDF: 16.3/17

Left In: 2198.182 $\pm$ 539.688 χ^2 /NDF:24.9/14

Left: 2195.969 $\pm$ 374.550 χ^2 /NDF: 42.1/31

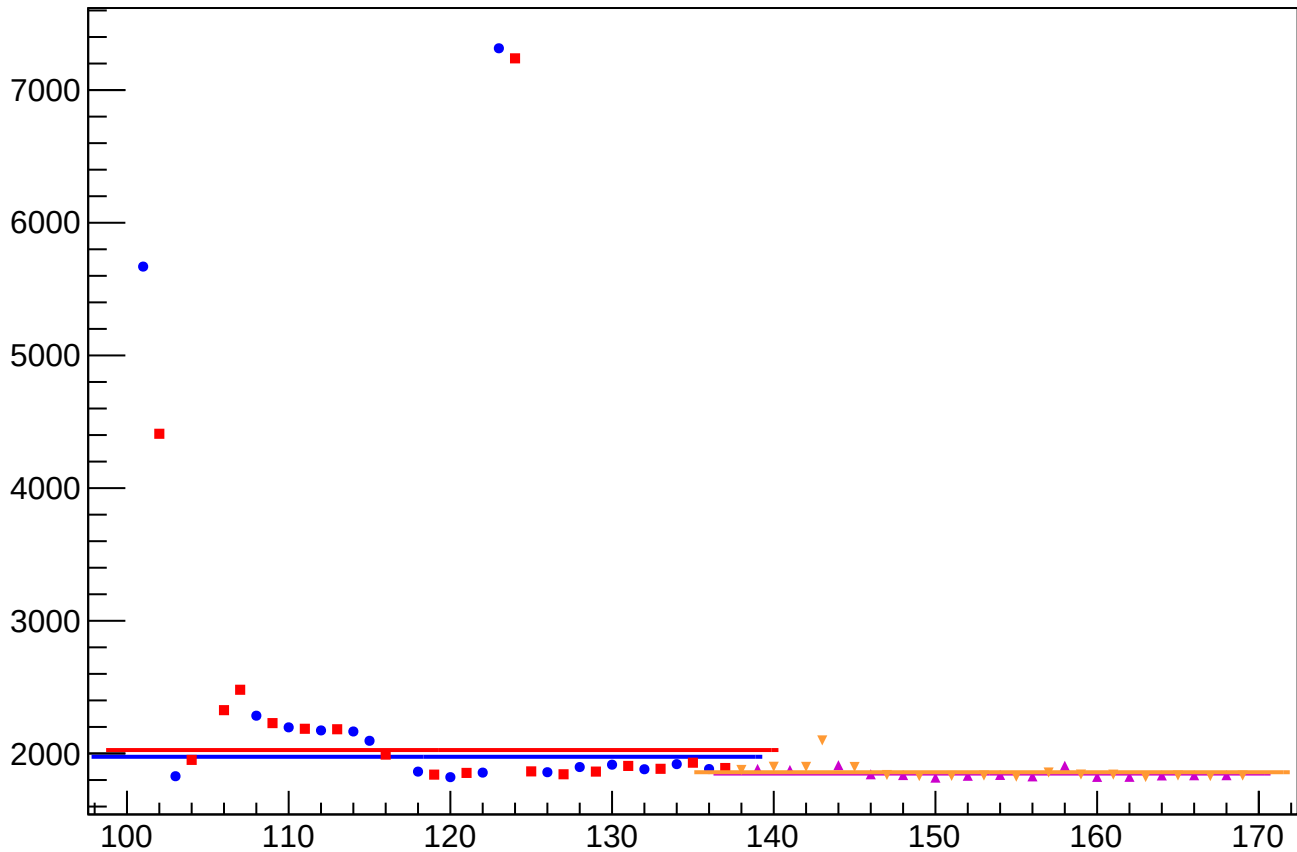
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2134.167 $\pm$ 444.107 χ^2 /NDF:39.8/31

Out: 2067.449 $\pm$ 433.114 χ^2 /NDF:33.7/34

All: 2099.972 $\pm$ 310.071 χ^2 /NDF: 73.5/66

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1858.665+/-0.368 χ^2/NDF : 25532.3/16

Right Out: 2025.871+/-0.553 χ^2/NDF : 535385.1/17

Left In: 1848.548+/-0.382 χ^2/NDF : 6014.1/14

Left: 1853.792+/-0.265 χ^2/NDF : 31910.7/31

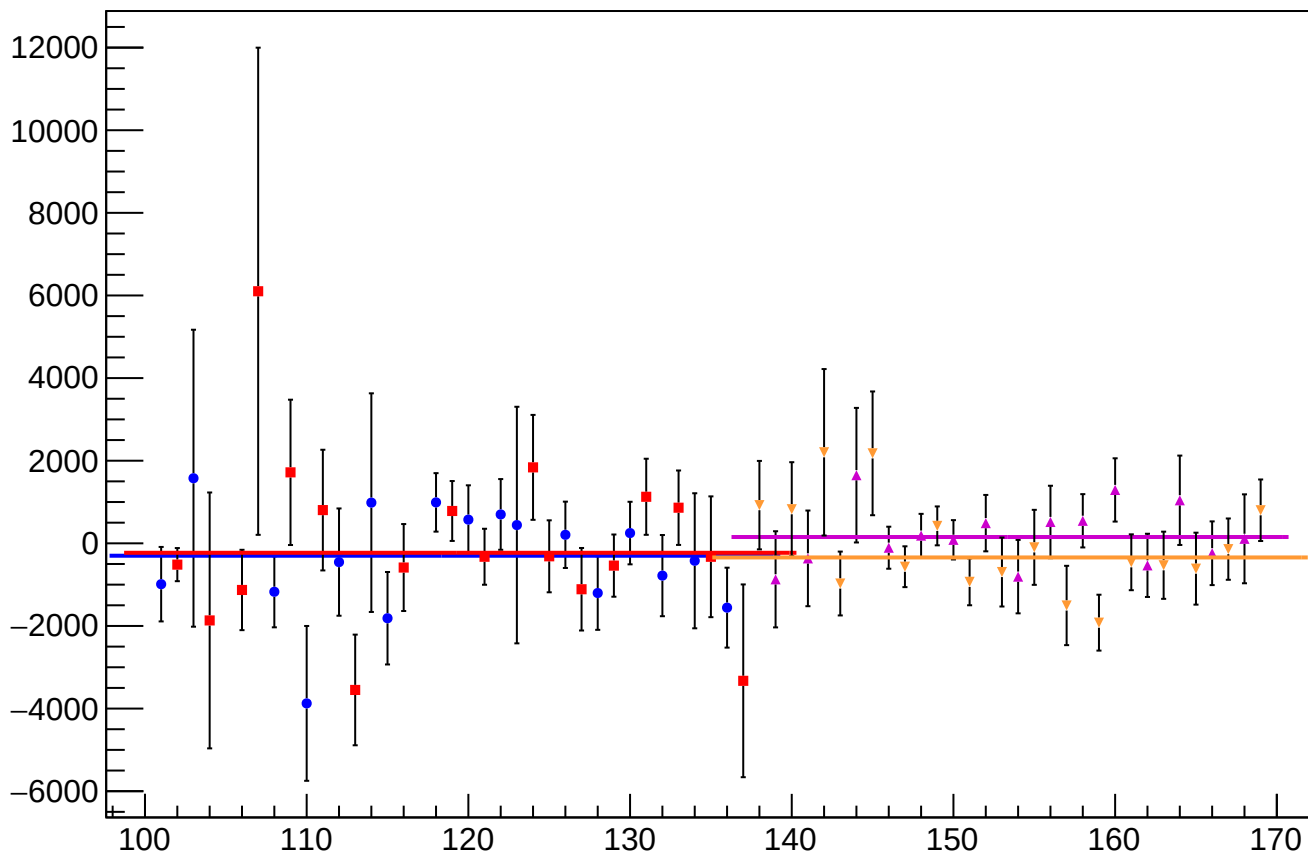
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1889.407+/-0.314 χ^2/NDF : 641354.6/31

Out: 1909.978+/-0.306 χ^2/NDF : 624320.2/34

All: 1899.950+/-0.219 χ^2/NDF : 1267874.1/60

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 $\chi^2/\text{NDF}: 17.3/16$

Left Out: -341.732 ± 181.725 $\chi^2/\text{NDF}: 21.2/16$

Right Out: -228.794 ± 215.624 $\chi^2/\text{NDF}: 21.8/17$

Left In: 153.059 ± 190.114 $\chi^2/\text{NDF}: 8.0/14$

Left: -105.493 ± 131.364 $\chi^2/\text{NDF}: 32.8/31$

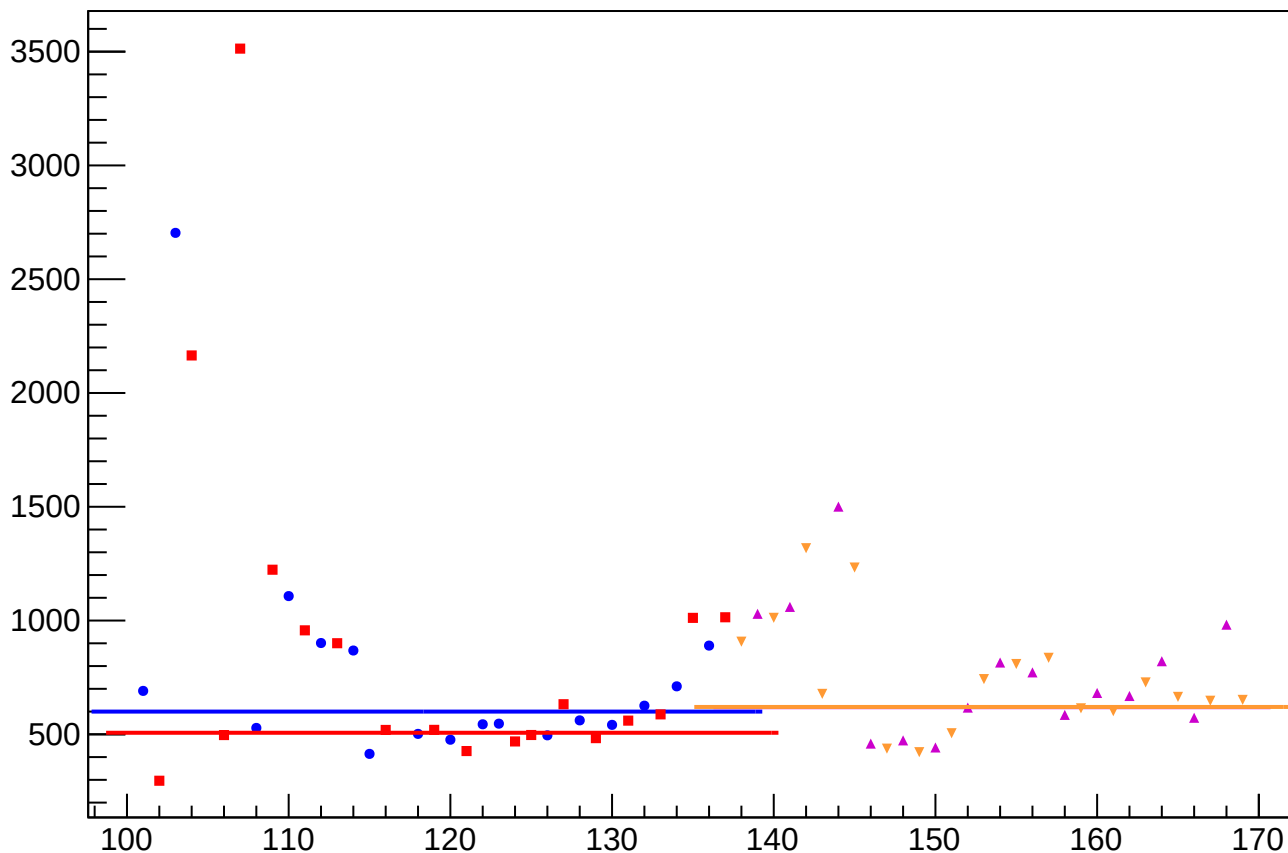
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -15.818 ± 150.568 $\chi^2/\text{NDF}: 27.5/31$

Out: -294.828 ± 138.957 $\chi^2/\text{NDF}: 43.2/34$

All: -166.494 ± 102.116 $\chi^2/\text{NDF}: 72.5/66$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 620.302+/-0.128 χ^2/NDF :1959048.9/16

Right Out: 506.876+/-0.152 χ^2/NDF : 2760863.3/17

Left In: 619.312+/-0.134 χ^2/NDF :2240927.8/14

Left: 619.829+/-0.093 χ^2/NDF : 4200005.1/31

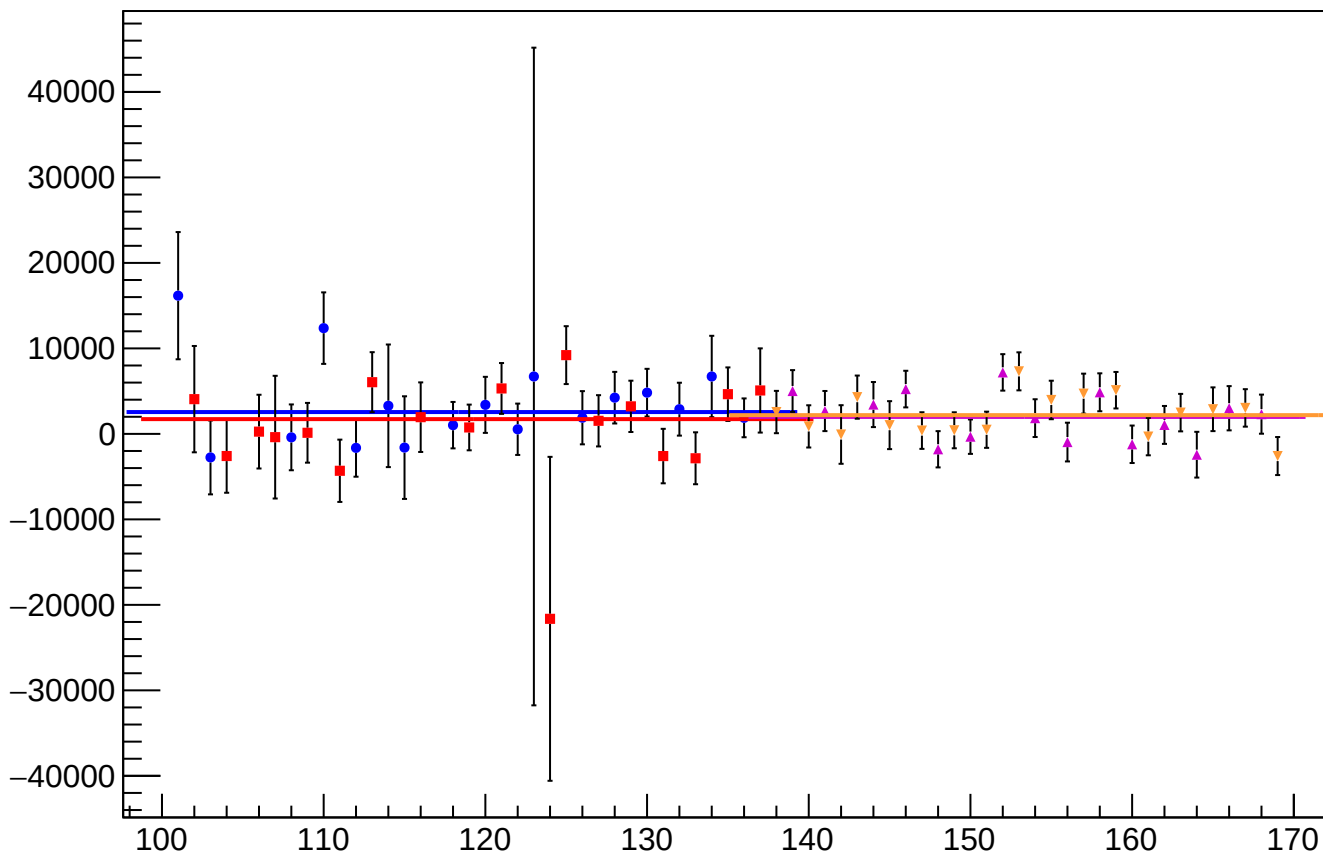
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 612.096+/-0.106 χ^2/NDF :3629706.9/31

Out: 573.196+/-0.098 χ^2/NDF :5043504.8/34

All: 591.088+/-0.072 χ^2/NDF : 8745303.5/66

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2191.534 $\pm$ 563.981 χ^2 /NDF: 18.8/16

Right Out: 1727.074 $\pm$ 855.162 χ^2 /NDF: 19.5/17

Left In: 1986.910 $\pm$ 587.828 χ^2 /NDF: 23.3/14

Left: 2093.457 $\pm$ 406.964 χ^2 /NDF: 42.2/31

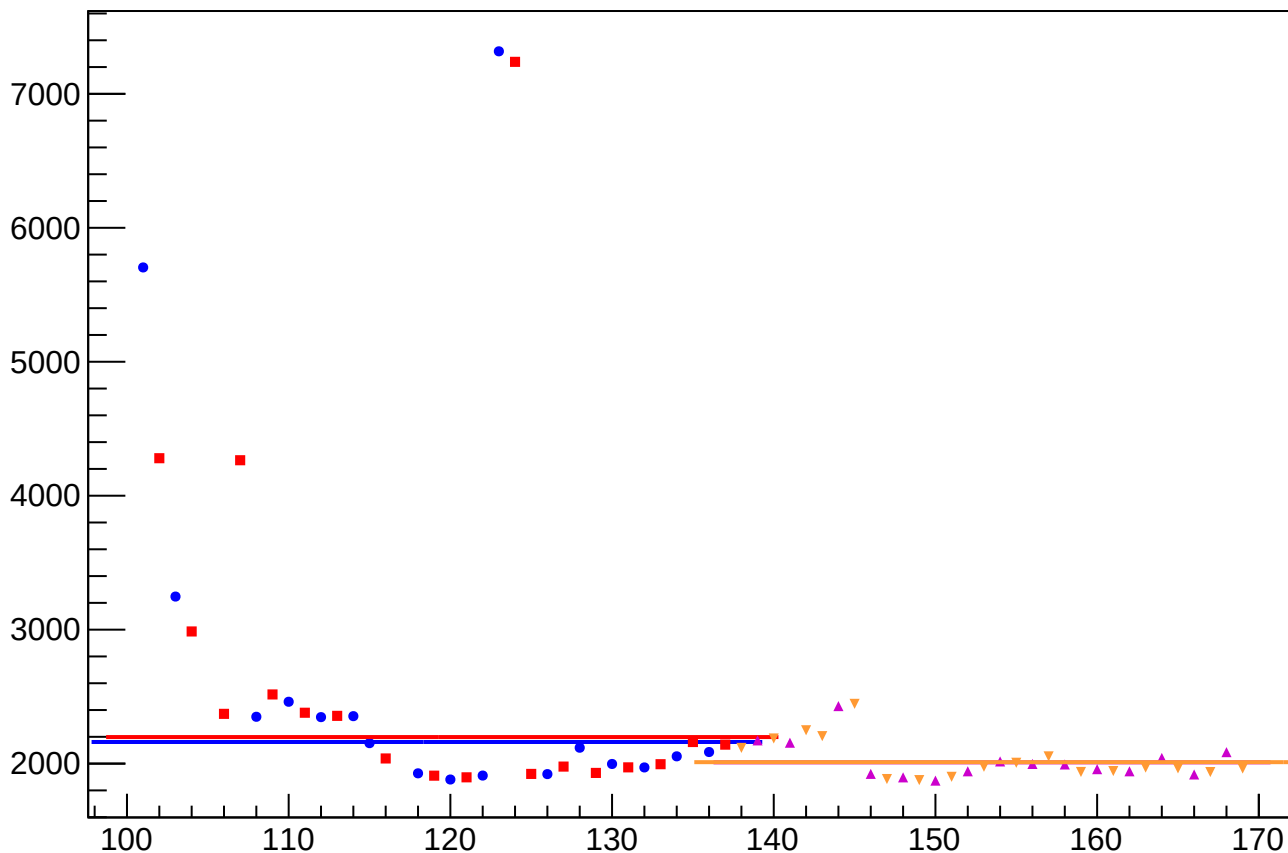
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2167.674 $\pm$ 485.098 χ^2 /NDF: 39.3/31

Out: 2050.752 $\pm$ 470.812 χ^2 /NDF: 38.5/34

All: 2107.466 $\pm$ 337.852 χ^2 /NDF: 77.9/66

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2010.787 $\pm$ 0.399 χ^2 /NDF:113832.3/16

Right Out: 2198.187 $\pm$ 0.605 χ^2 /NDF: 733873.5/17

Left In: 2009.439 $\pm$ 0.416 χ^2 /NDF:95507.9/14

Left: 2010.141 $\pm$ 0.288 χ^2 /NDF: 209345.7/31

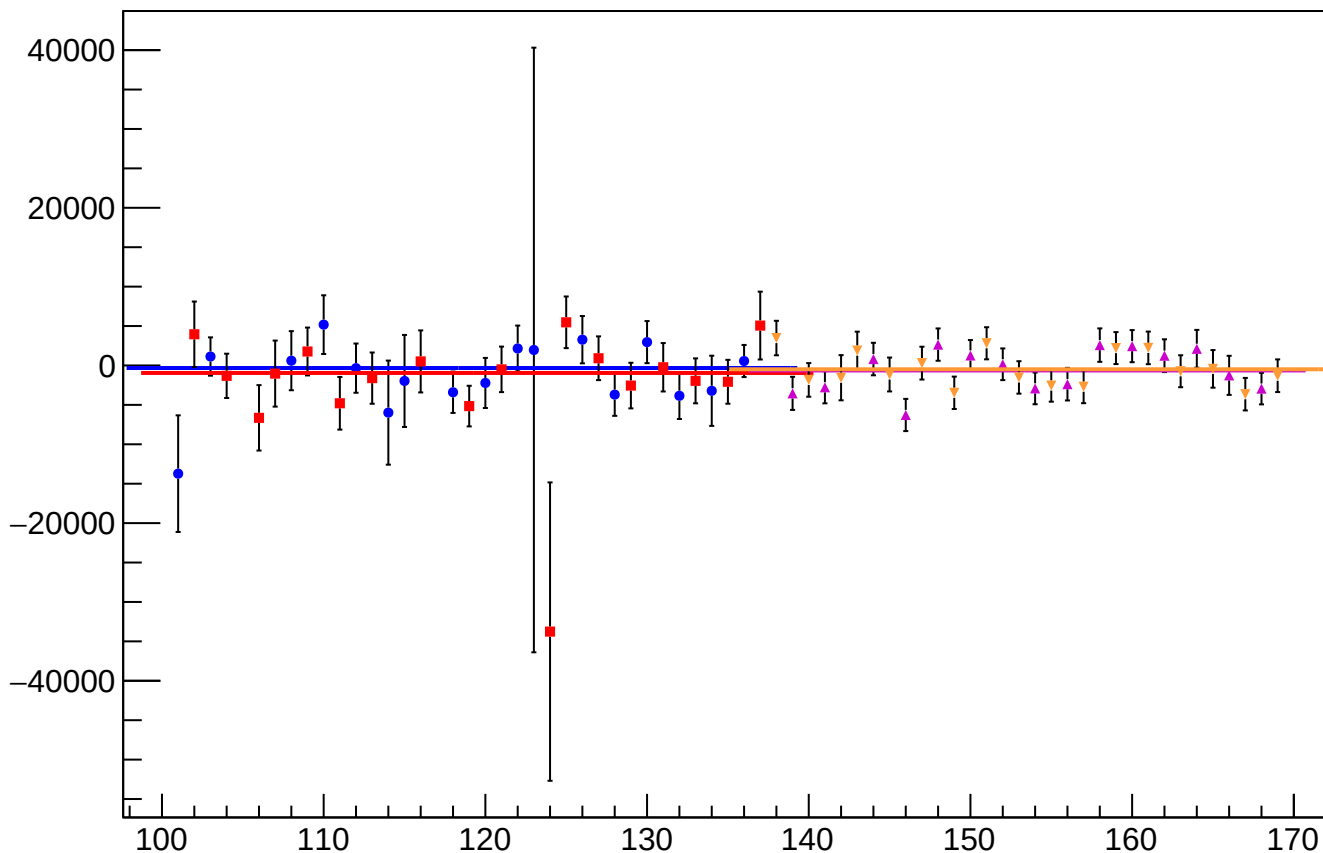
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2057.918 $\pm$ 0.343 χ^2 /NDF:849406.1/31

Out: 2067.590 $\pm$ 0.333 χ^2 /NDF:914638.7/34

All: 2062.898 $\pm$ 0.239 χ^2 /NDF: 1764454.2/66

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -485.335+/-518.686 χ^2/NDF : 18.1/16

Right Out: -951.303+/-770.284 χ^2/NDF : 18.2/17

Left In: -630.753+/-538.270 χ^2/NDF : 24.9/14

Left: -555.350+/-373.498 χ^2/NDF : 43.1/31

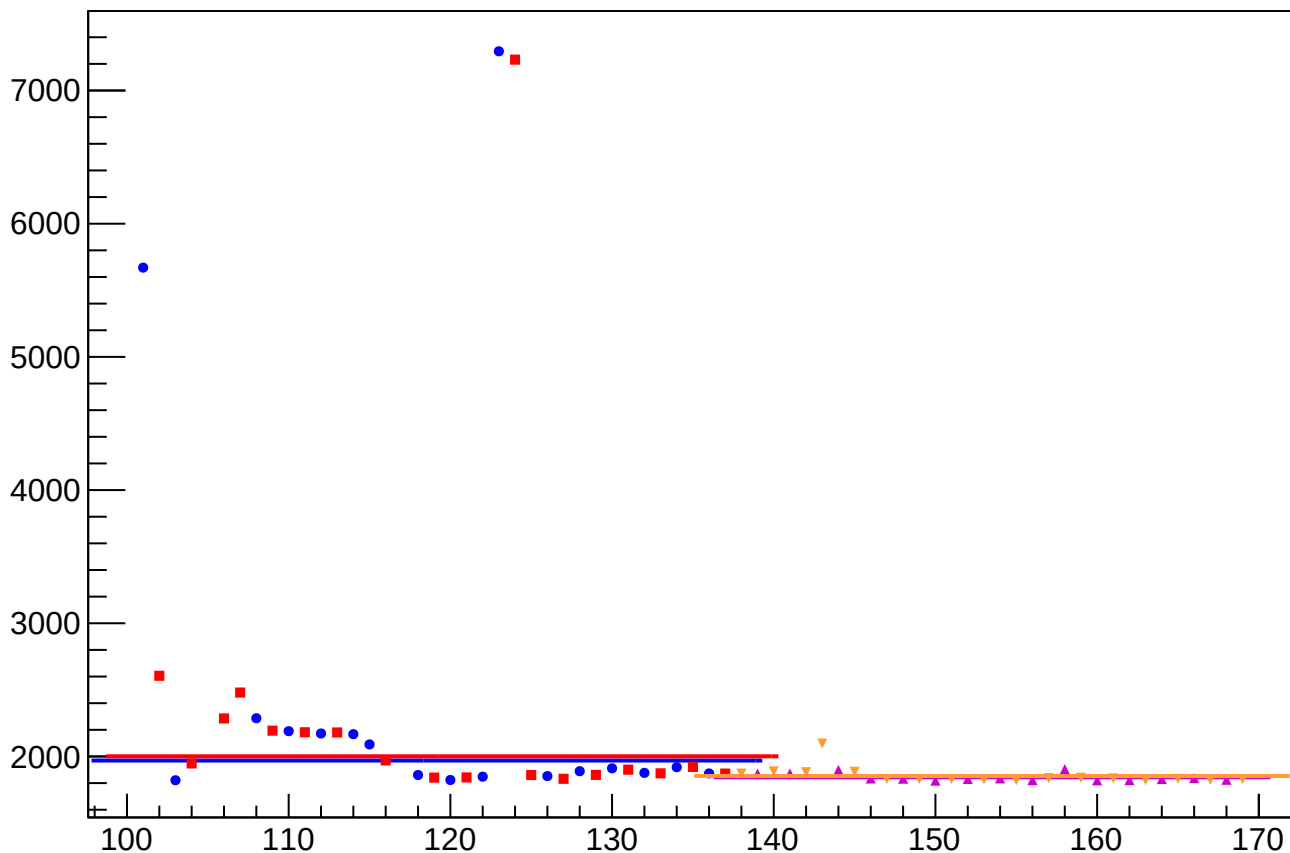
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -531.627+/-442.930 χ^2/NDF : 40.7/31

Out: -630.703+/-430.237 χ^2/NDF : 36.6/34

All: -582.605+/-308.614 χ^2/NDF : 77.3/66

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1853.210+/-0.367 χ^2 /NDF: 24959.4/16

Right Out: 2001.177+/-0.545 χ^2 /NDF: 290624.5/17

Left In: 1843.740+/-0.381 χ^2 /NDF: 5334.6/14

Left: 1848.650+/-0.264 χ^2 /NDF: 30614.9/31

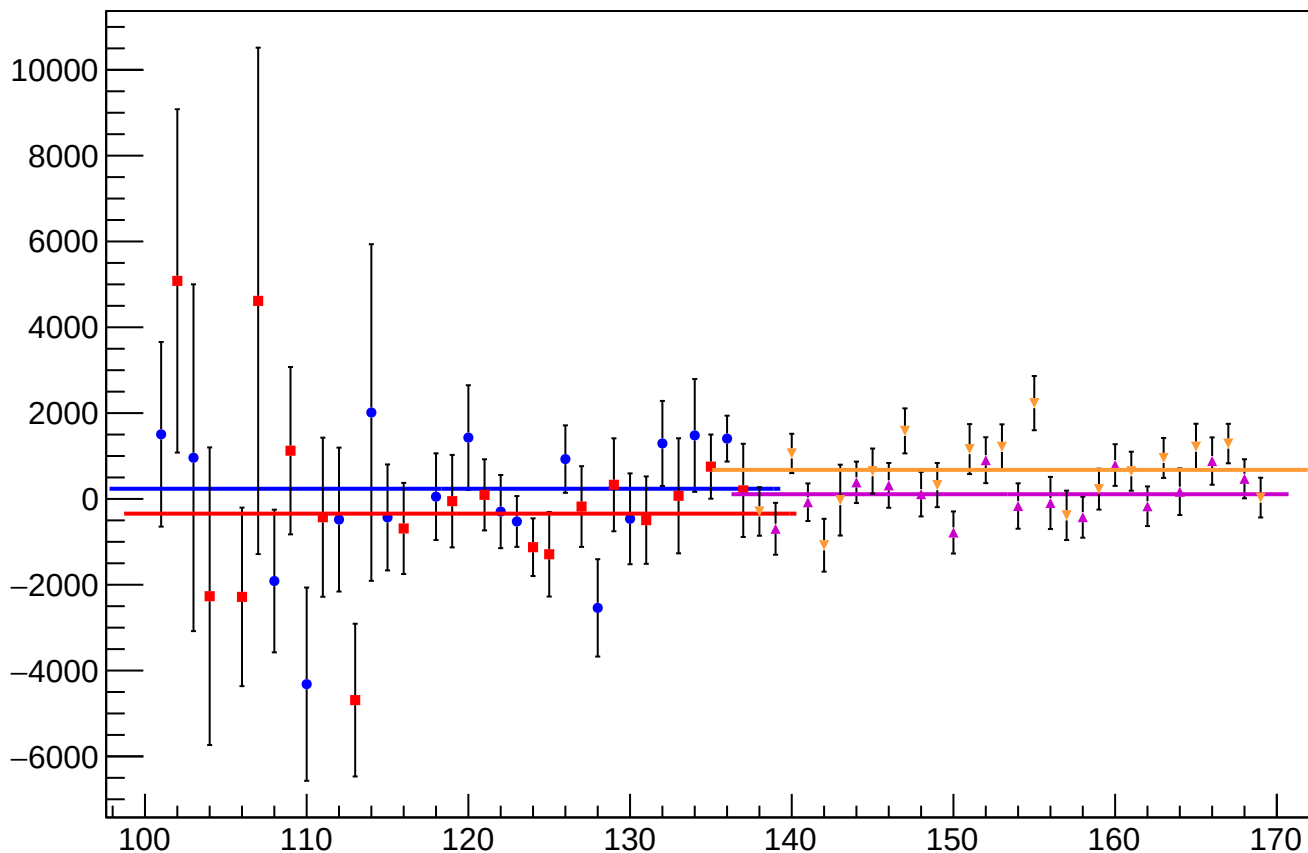
Right: 1985.524+/-0.387 χ^2 /NDF: 895106.7/34

In: 1884.342+/-0.313 χ^2 /NDF: 643390.6/31

Out: 1899.372+/-0.304 χ^2 /NDF: 366361.2/34

All: 1892.075+/-0.218 χ^2 /NDF: 1010936.6/66

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 676.648 $\pm$ 127.129 χ^2 /NDF:33.2/16

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

Left In: 109.726 $\pm$ 130.934 χ^2 /NDF:14.5/14

Left: 401.545 $\pm$ 91.209 χ^2 /NDF: 57.3/31

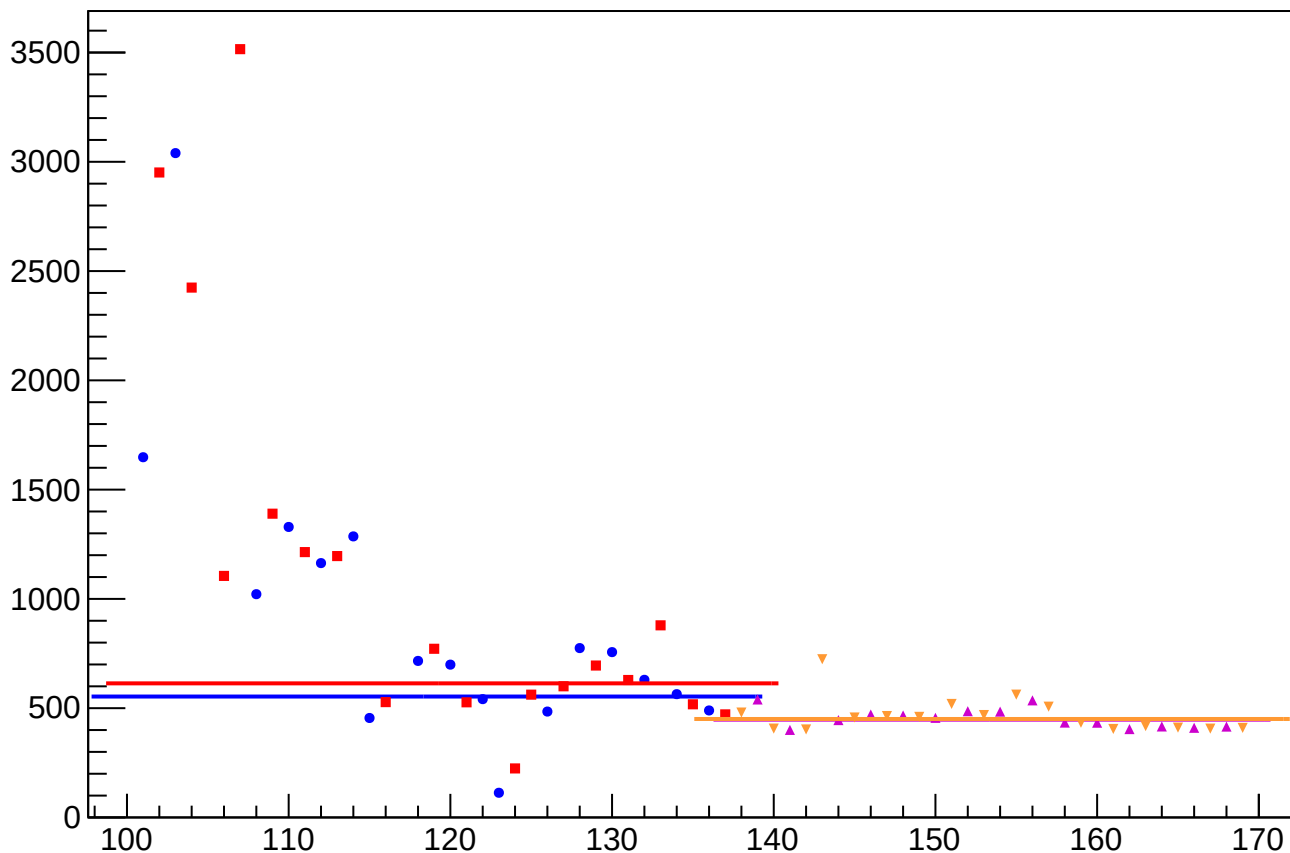
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 137.334 $\pm$ 115.849 χ^2 /NDF:38.6/31

Out: 490.051 $\pm$ 114.906 χ^2 /NDF:60.8/34

All: 315.133 $\pm$ 81.582 χ^2 /NDF: 104.1/66

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 450.575+/-0.090 χ^2/NDF : 446582.8/16

Right Out: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

Left In: 447.467+/-0.093 χ^2/NDF : 185196.5/14

Left: 449.067+/-0.064 χ^2/NDF : 632359.5/31

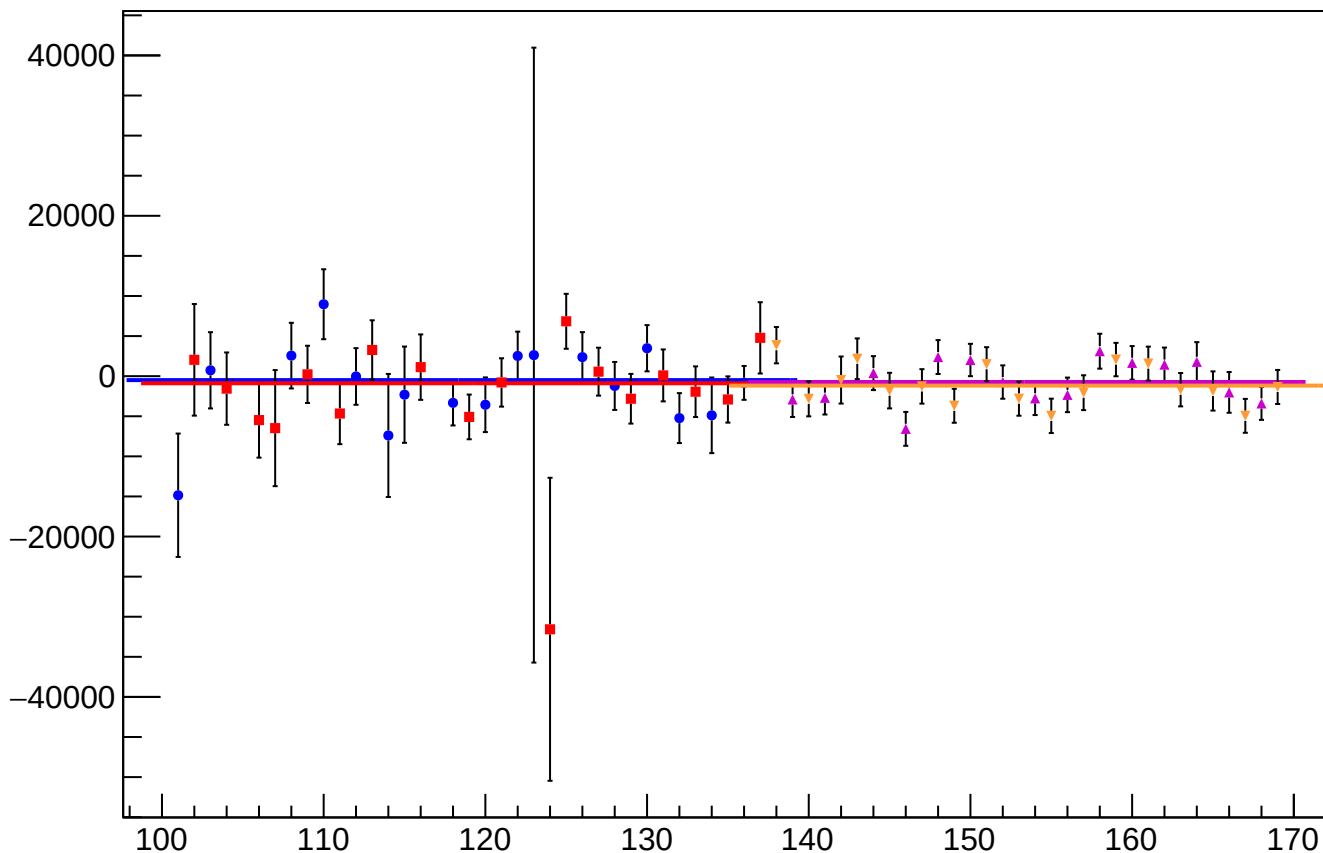
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 470.445+/-0.082 χ^2/NDF : 3881584.1/31

Out: 480.411+/-0.081 χ^2/NDF : 4524780.0/34

All: 475.468+/-0.058 χ^2/NDF : 8413825.2/66

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940 $\pm$ 867.988 χ^2/NDF : 18.6/16

Left Out: -1176.365 $\pm$ 535.391 χ^2/NDF : 21.7/16

Right Out: -884.654 $\pm$ 869.140 χ^2/NDF : 17.3/17

Left In: -727.136 $\pm$ 554.660 χ^2/NDF : 23.8/14

Left: -959.689 $\pm$ 385.211 χ^2/NDF : 45.8/31

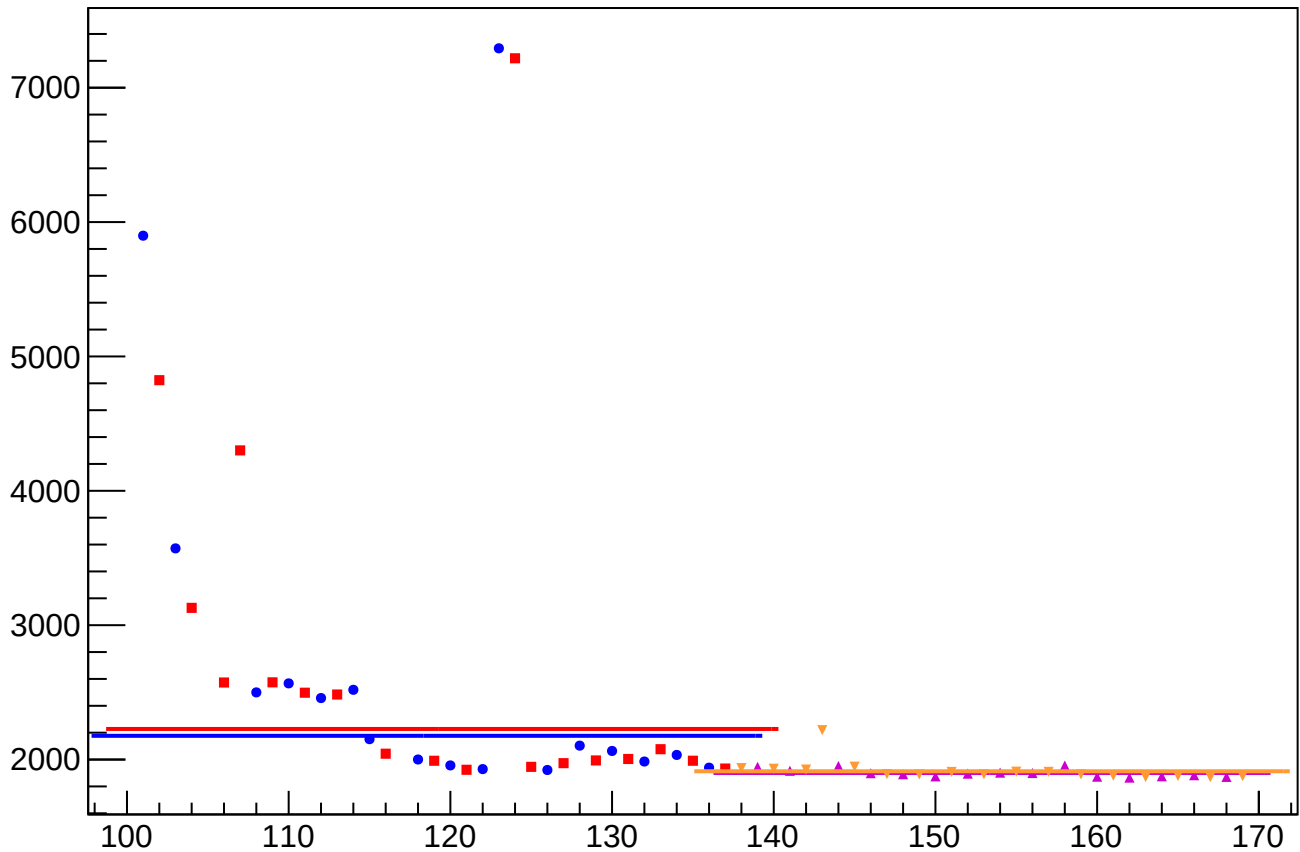
Right: -688.036 $\pm$ 614.167 χ^2/NDF : 35.9/34

In: -658.942 $\pm$ 467.382 χ^2/NDF : 42.4/31

Out: -1096.122 $\pm$ 455.845 χ^2/NDF : 39.0/34

All: -882.994 $\pm$ 326.334 χ^2/NDF : 81.9/66

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1912.772 $\pm$ 0.379 χ^2 /NDF:34055.2/16

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

Left In: 1900.060 $\pm$ 0.392 χ^2 /NDF:5422.8/14

Left: 1906.641 $\pm$ 0.272 χ^2 /NDF: 40021.9/31

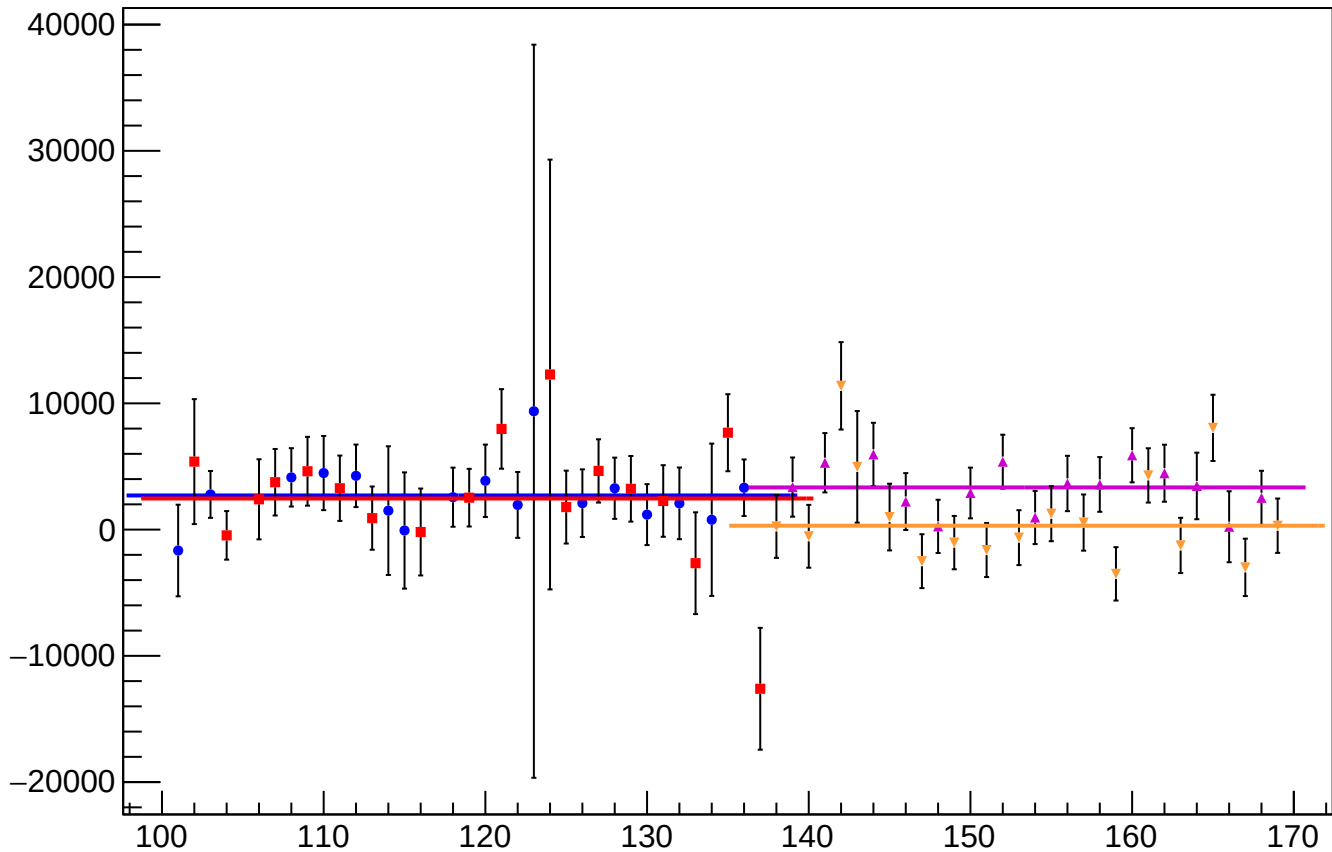
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 1980.284 $\pm$ 0.330 χ^2 /NDF:952402.0/31

Out: 1999.399 $\pm$ 0.322 χ^2 /NDF:1050061.5/34

All: 1990.080 $\pm$ 0.231 χ^2 /NDF: 2004178.0/66

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 308.045 $\pm$ 568.846 χ^2/NDF : 32.9/16

Right Out: 2464.583 $\pm$ 683.276 χ^2/NDF : 23.2/17

Left In: 3338.731 $\pm$ 581.343 χ^2/NDF : 9.5/14

Left: 1790.463 $\pm$ 406.581 χ^2/NDF : 56.3/31

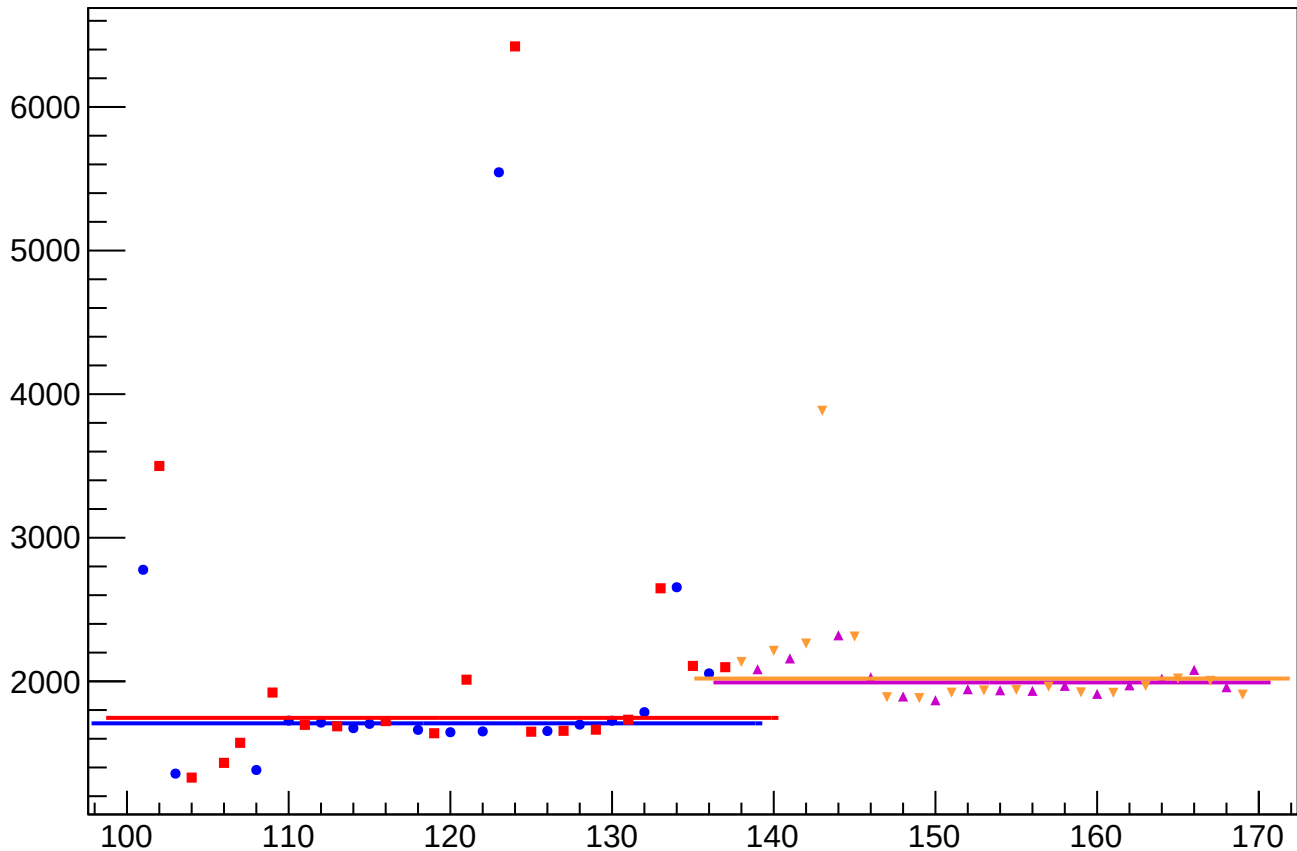
Right: 2585.697 $\pm$ 479.799 χ^2/NDF : 27.3/34

In: 3067.705 $\pm$ 440.187 χ^2/NDF : 14.0/31

Out: 1190.863 $\pm$ 437.173 χ^2/NDF : 62.0/34

All: 2122.836 $\pm$ 310.188 χ^2/NDF : 85.2/66

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2019.364 ± 0.402 $\chi^2/\text{NDF}: 448589.4/16$

Right Out: 1745.551 ± 0.483 $\chi^2/\text{NDF}: 699240.7/17$

Left In: 1992.371 ± 0.411 $\chi^2/\text{NDF}: 69477.2/14$

Left: 2006.161 ± 0.287 $\chi^2/\text{NDF}: 520269.5/31$

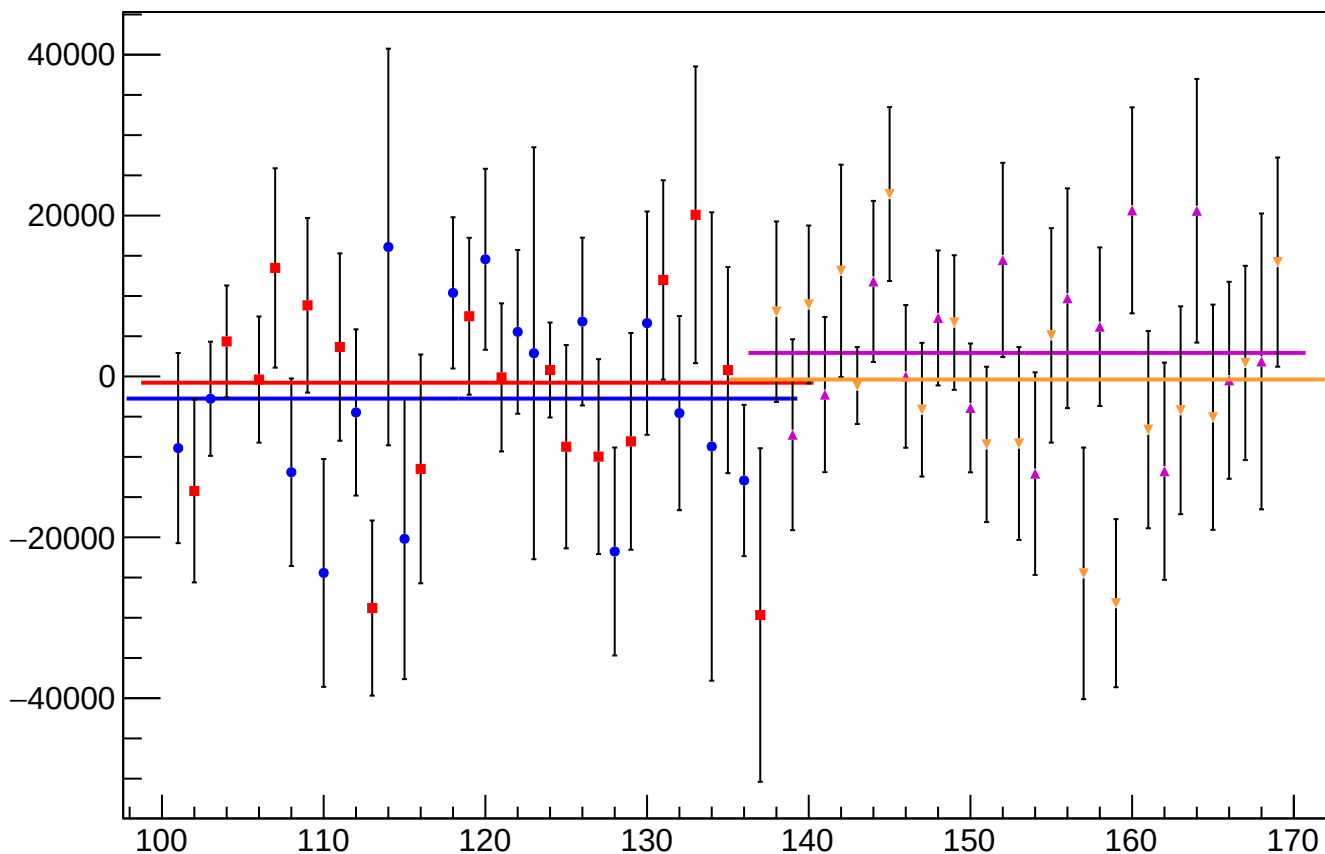
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1870.778 ± 0.311 $\chi^2/\text{NDF}: 696709.9/31$

Out: 1907.237 ± 0.309 $\chi^2/\text{NDF}: 1337589.7/34$

All: 1889.135 ± 0.219 $\chi^2/\text{NDF}: 2041207.8/66$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -376.139 $\pm$ 2409.668 χ^2/NDF : 20.5/16

Right Out: -774.921 $\pm$ 2440.788 χ^2/NDF : 17.7/17

Left In: 2931.304 $\pm$ 2838.687 χ^2/NDF : 10.0/14

Left: 1009.016 $\pm$ 1837.047 χ^2/NDF : 31.3/31

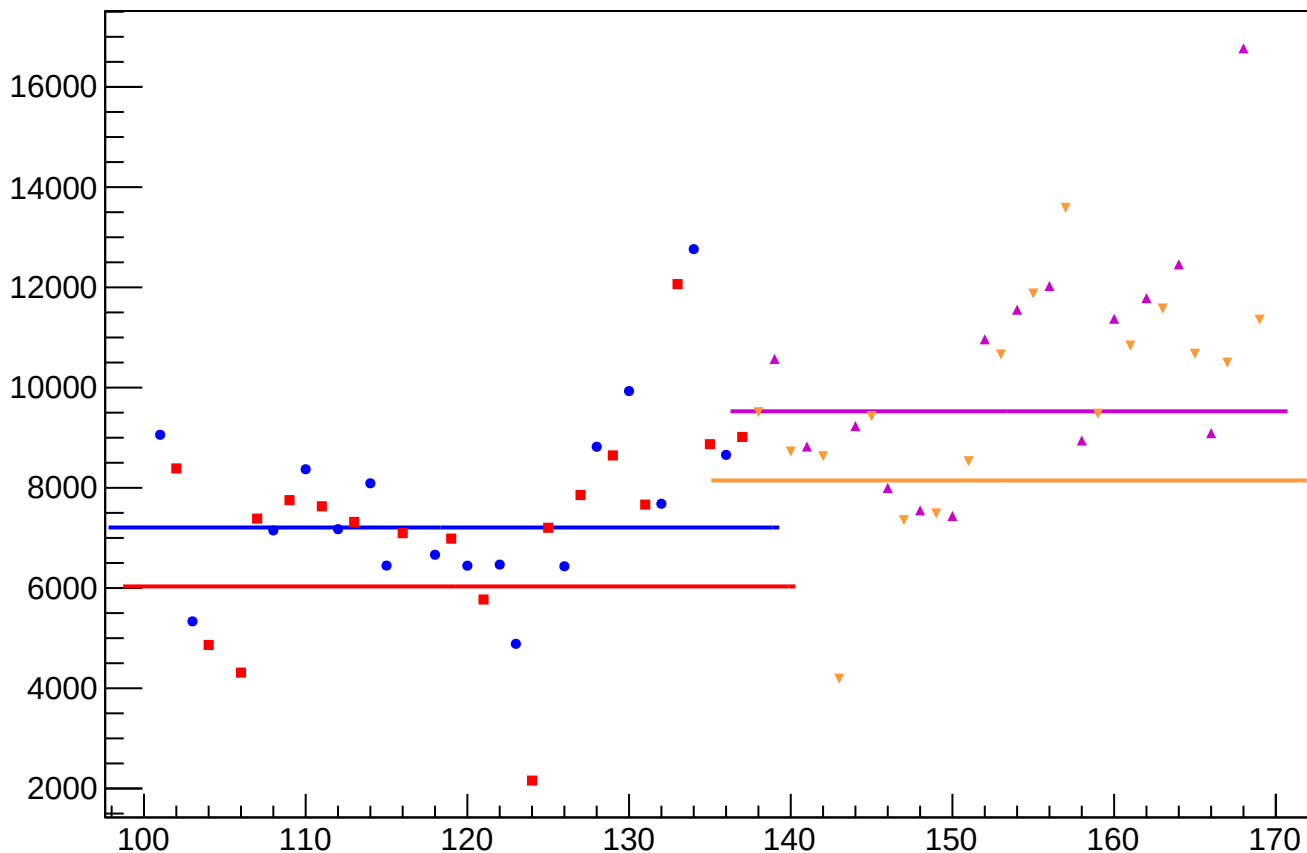
Right: -1613.491 $\pm$ 1851.753 χ^2/NDF : 32.6/34

In: 94.003 $\pm$ 2008.566 χ^2/NDF : 26.5/31

Out: -572.971 $\pm$ 1714.789 χ^2/NDF : 38.3/34

All: -291.784 $\pm$ 1304.157 χ^2/NDF : 64.9/66

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8147.064+/-1.704 χ^2/NDF : 2489924.8/16

Right Out: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

Left In: 9526.899+/-2.007 χ^2/NDF : 963034.3/14

Left: 8724.938+/-1.299 χ^2/NDF : 3727606.9/31

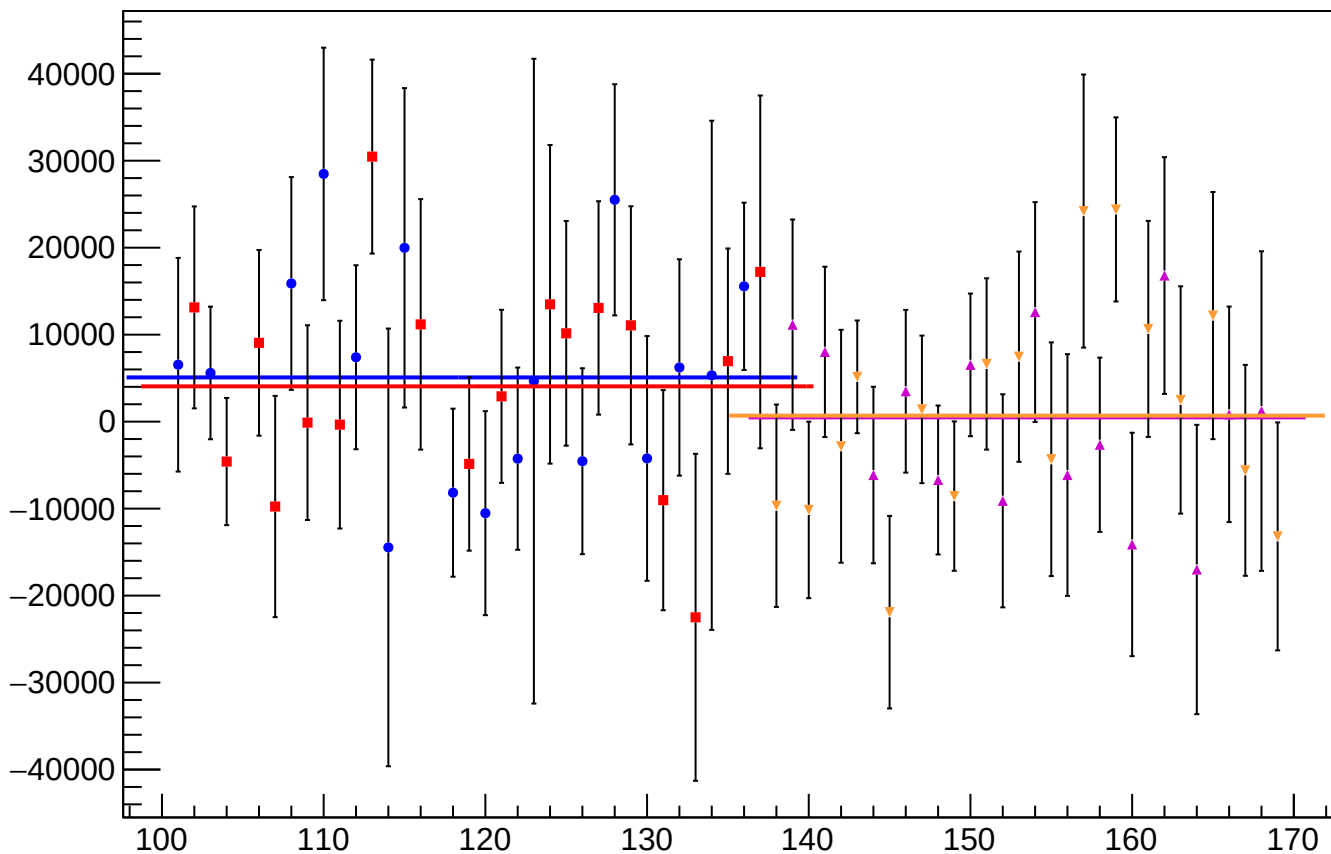
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8369.138+/-1.420 χ^2/NDF : 2123025.2/31

Out: 7103.196+/-1.213 χ^2/NDF : 5047892.5/34

All: 7636.901+/-0.922 χ^2/NDF : 7630457.5/66

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 691.967+/-2601.942 χ^2/NDF : 18.6/16

Right Out: 4055.589+/-2800.076 χ^2/NDF : 15.2/17

Left In: 487.469+/-2892.171 χ^2/NDF : 8.8/14

Left: 600.491+/-1934.345 χ^2/NDF : 27.4/31

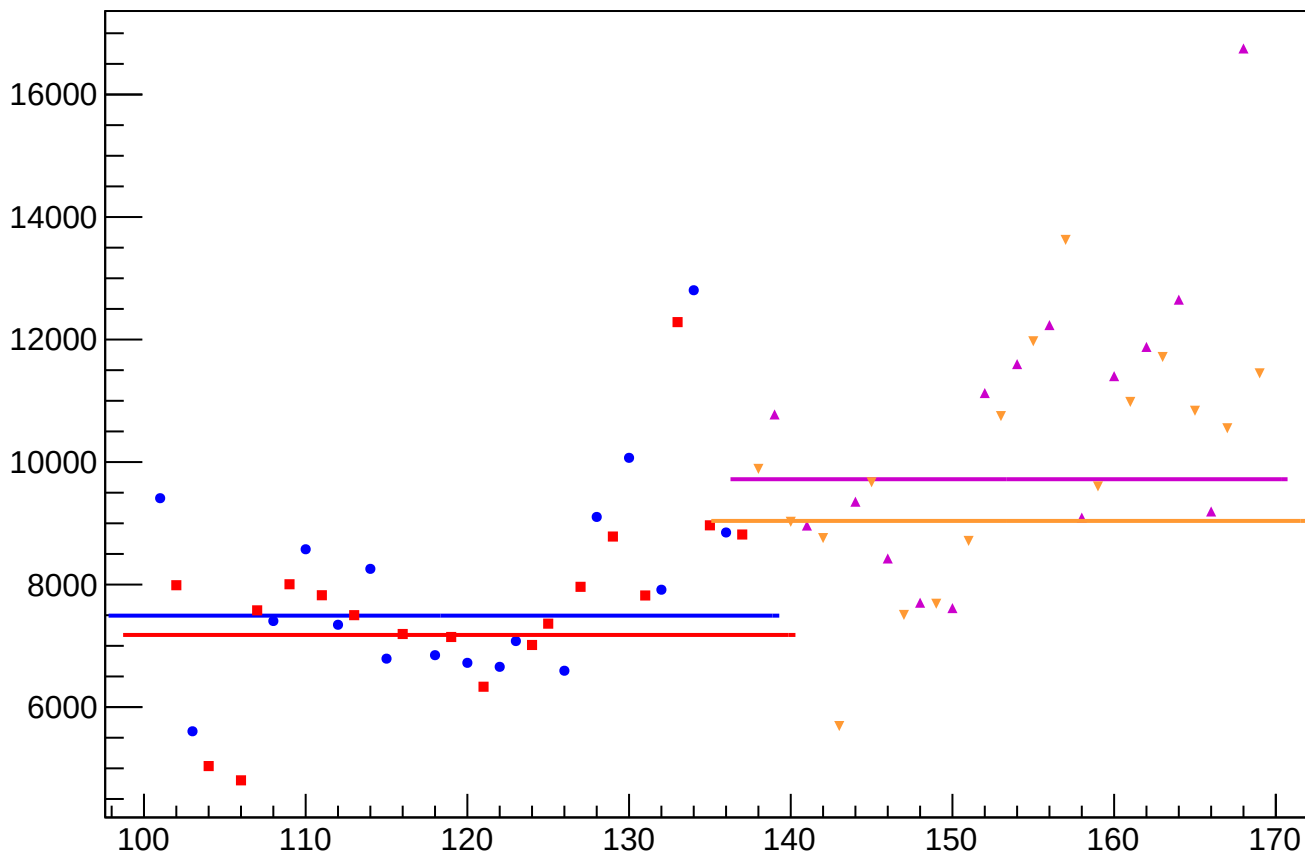
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 2736.466+/-2067.013 χ^2/NDF : 24.0/31

Out: 2250.574+/-1906.051 χ^2/NDF : 34.6/34

All: 2473.867+/-1401.235 χ^2/NDF : 58.6/66

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9039.259+/-1.840 χ^2/NDF :1244879.5/16

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

Left In: 9719.885+/-2.045 χ^2/NDF :898189.9/14

Left: 9343.717+/-1.368 χ^2/NDF : 2204286.4/31

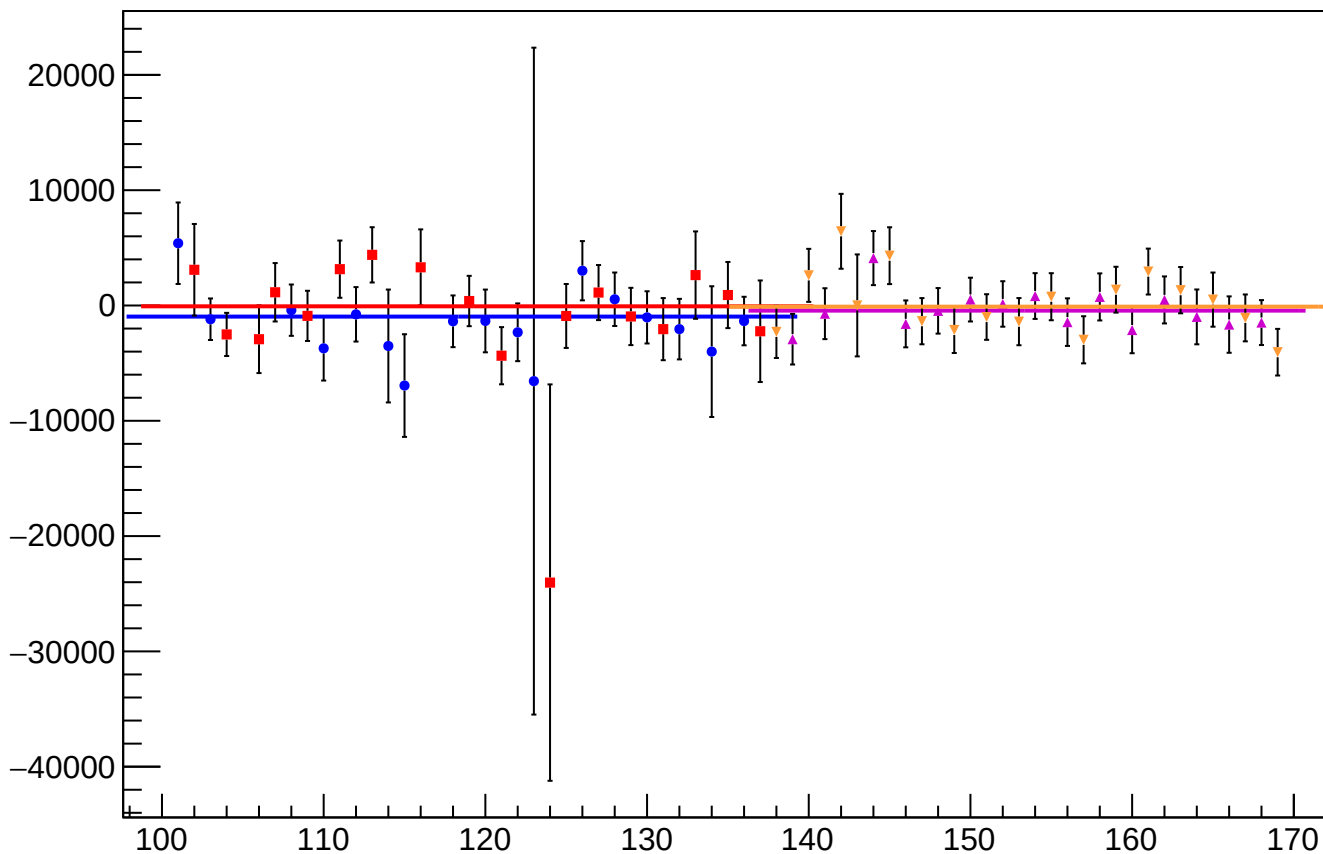
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8630.392+/-1.462 χ^2/NDF :1915397.7/31

Out: 8176.597+/-1.348 χ^2/NDF :2275161.2/34

All: 8385.129+/-0.991 χ^2/NDF : 4242659.9/66

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -101.023 $\pm$ 527.764 χ^2 /NDF:21.3/16

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

Left In: -444.863 $\pm$ 538.329 χ^2 /NDF:8.2/14

Left: -269.536 $\pm$ 376.865 χ^2 /NDF: 29.7/31

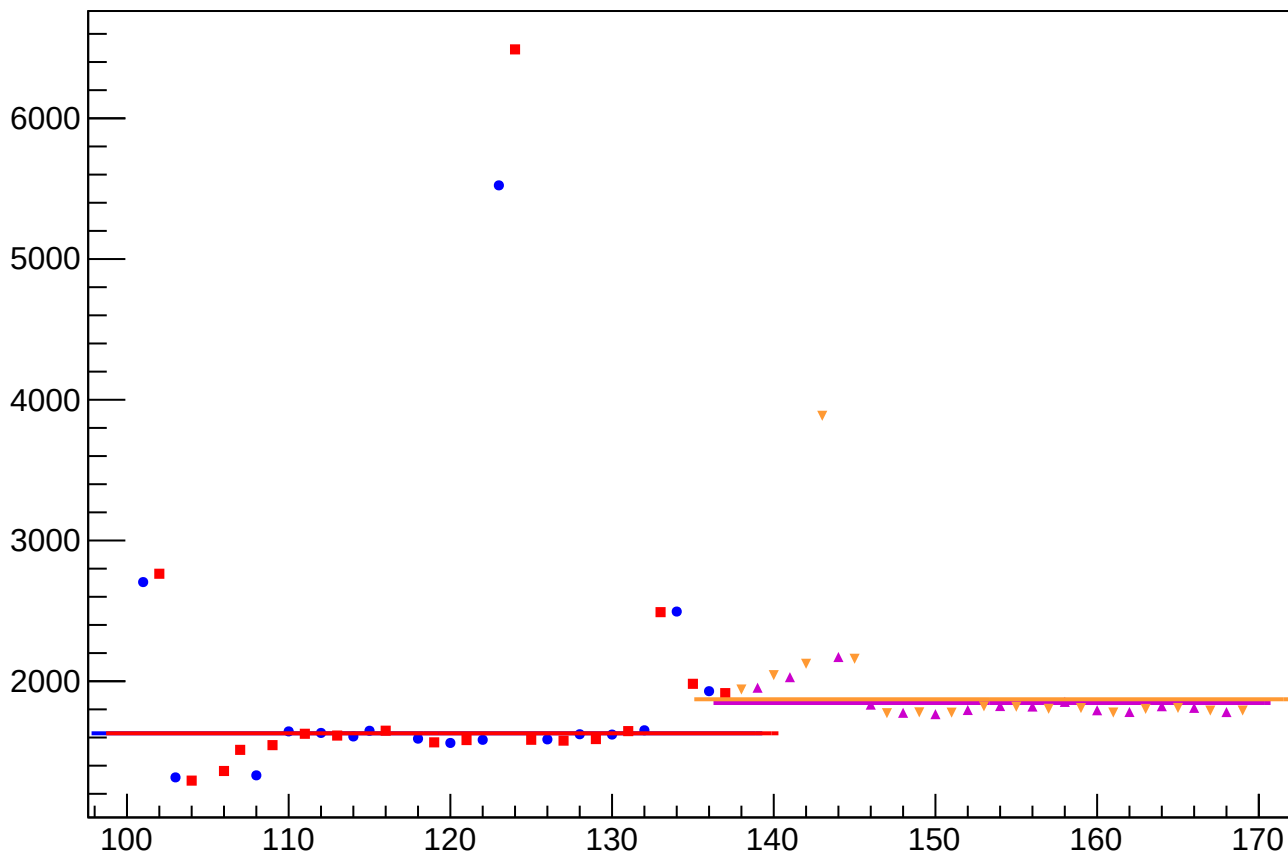
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -658.181 $\pm$ 412.773 χ^2 /NDF:18.6/31

Out: -88.876 $\pm$ 405.730 χ^2 /NDF:38.0/34

All: -368.630 $\pm$ 289.353 χ^2 /NDF: 57.6/66

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1871.774+/-0.373 χ^2/NDF : 502237.2/16

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1845.348+/-0.381 χ^2/NDF : 71463.9/14

Left: 1858.823+/-0.266 χ^2/NDF : 576158.7/31

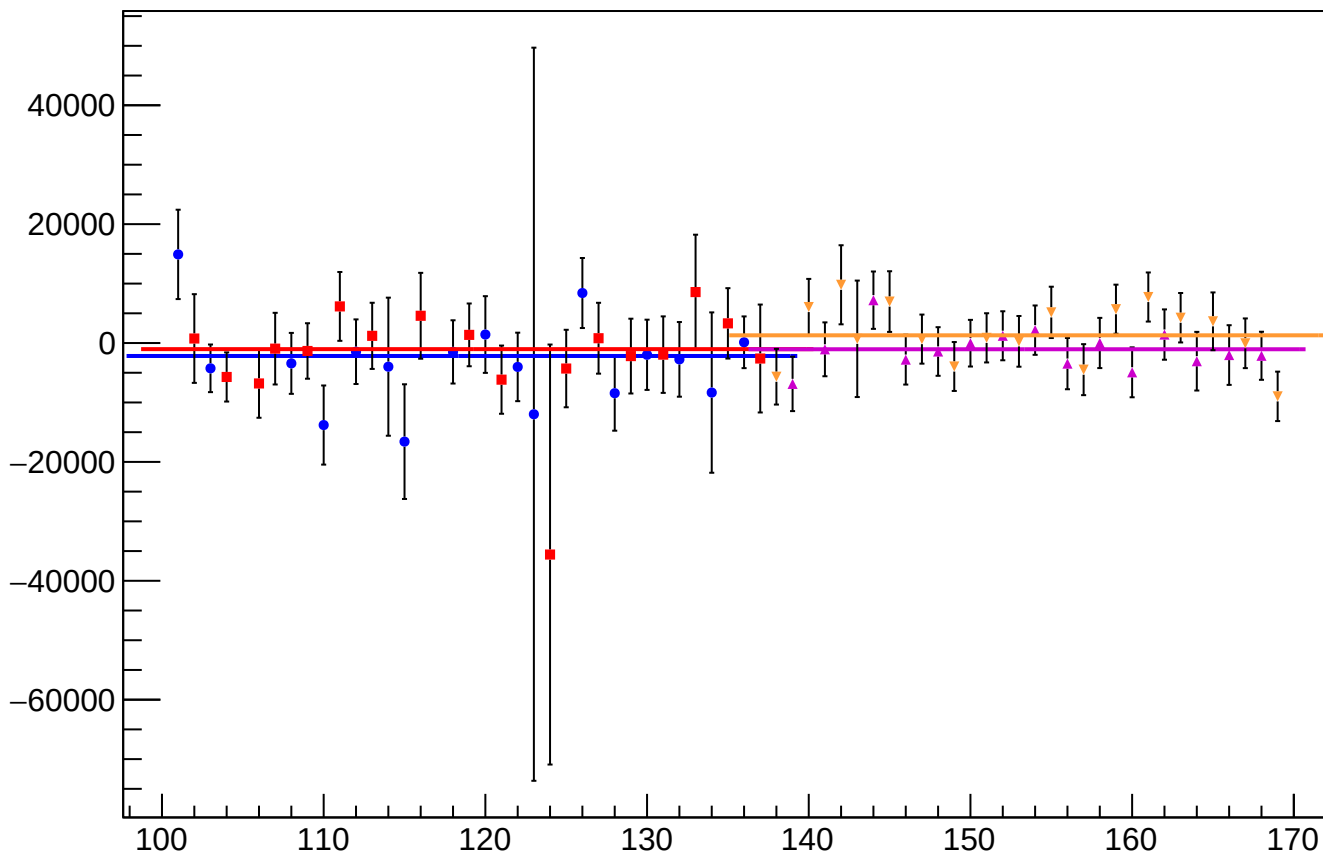
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1756.591+/-0.292 χ^2/NDF : 611553.2/31

Out: 1772.867+/-0.287 χ^2/NDF : 1231444.1/34

All: 1764.869+/-0.205 χ^2/NDF : 1844578.9/66

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1297.626 ± 1095.483 $\chi^2/\text{NDF}: 20.9/16$

Right Out: -1026.991 ± 1442.331 $\chi^2/\text{NDF}: 8.6/17$

Left In: -1047.417 ± 1116.659 $\chi^2/\text{NDF}: 7.5/14$

Left: 147.550 ± 782.003 $\chi^2/\text{NDF}: 30.7/31$

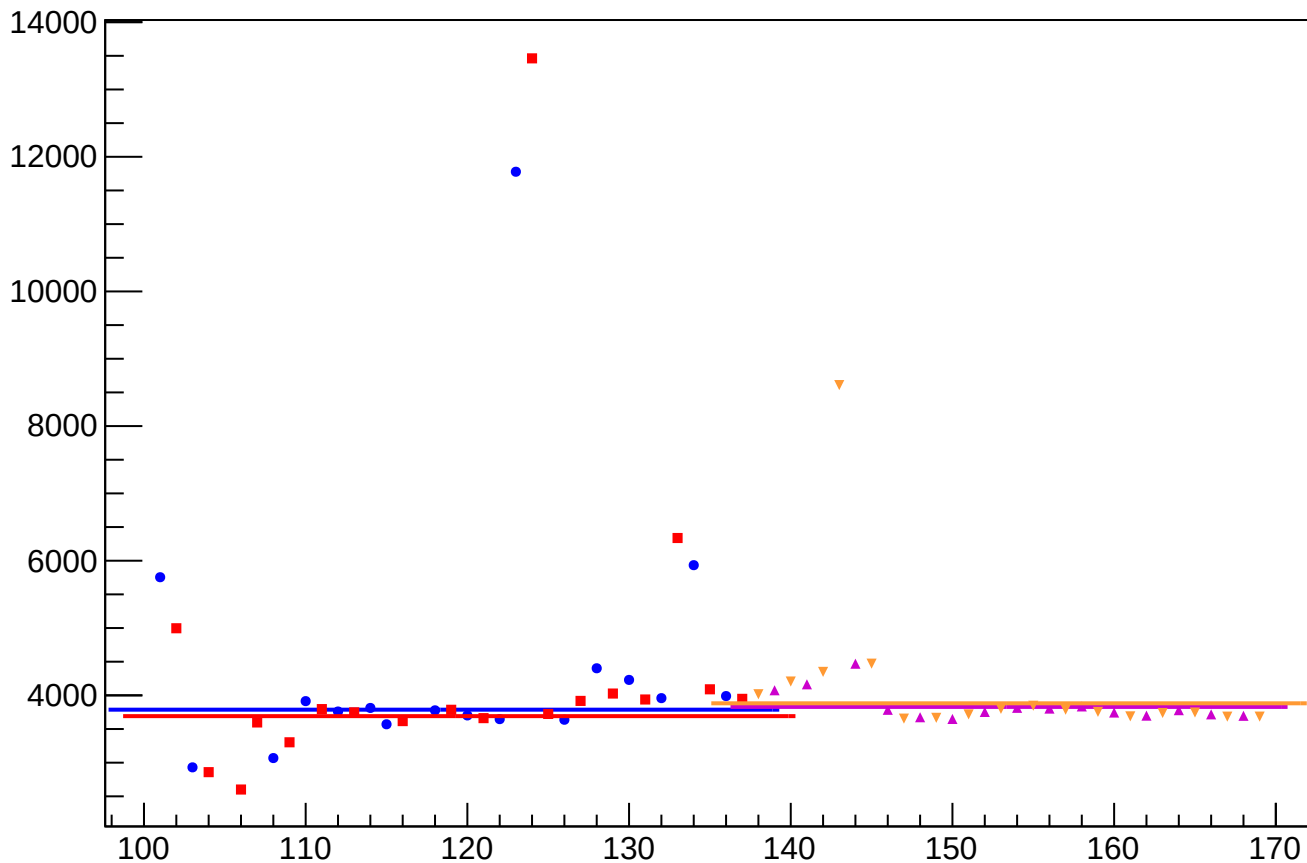
Right: -1583.224 ± 1037.341 $\chi^2/\text{NDF}: 24.9/34$

In: -1453.425 ± 894.220 $\chi^2/\text{NDF}: 23.9/31$

Out: 447.201 ± 872.383 $\chi^2/\text{NDF}: 31.2/34$

All: -479.622 ± 624.445 $\chi^2/\text{NDF}: 57.4/66$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3881.814+/-0.775 χ^2/NDF : 548977.4/16

Right Out: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

Left In: 3828.355+/-0.790 χ^2/NDF : 66084.1/14

Left: 3855.596+/-0.553 χ^2/NDF : 617397.3/31

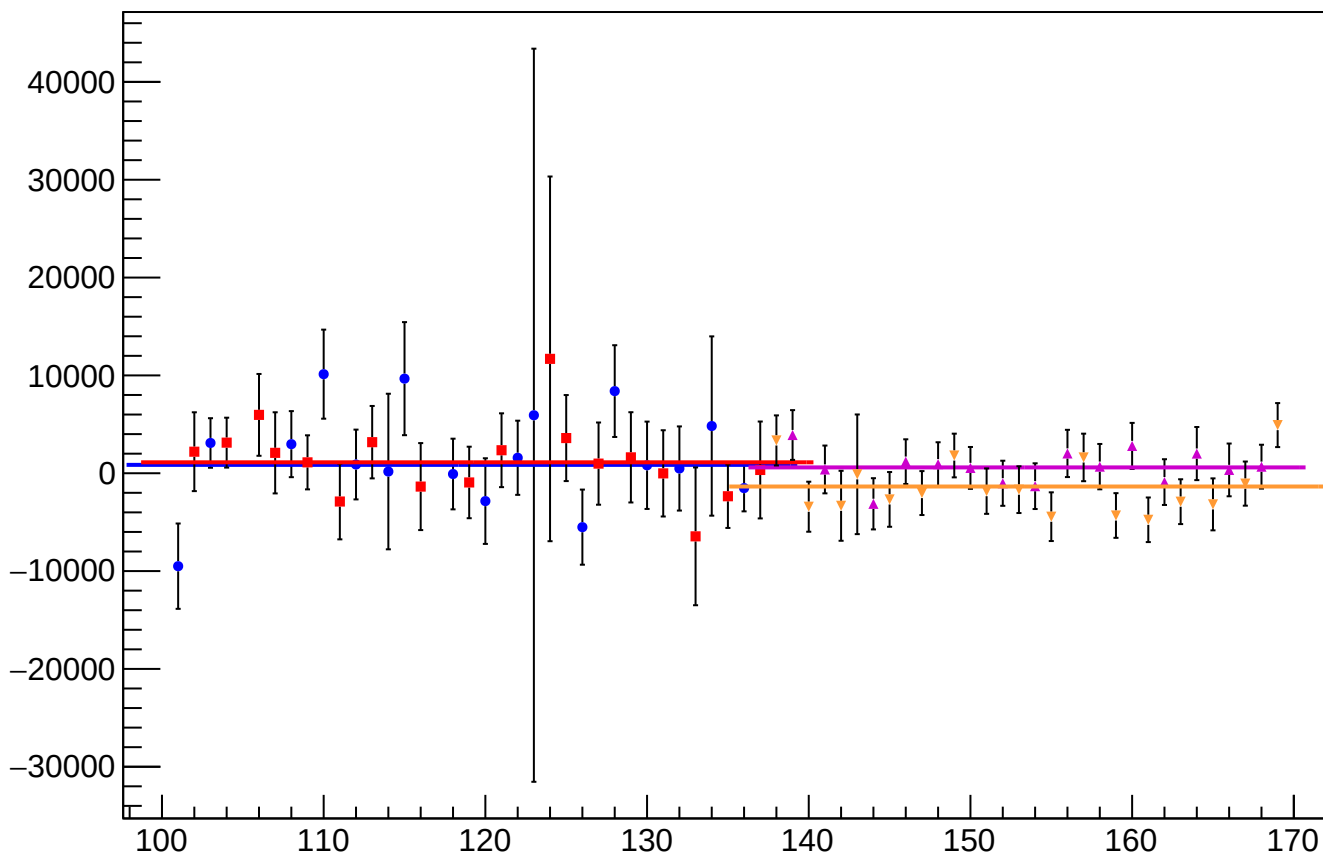
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3813.628+/-0.632 χ^2/NDF : 459704.6/31

Out: 3812.096+/-0.617 χ^2/NDF : 1126276.6/34

All: 3812.843+/-0.442 χ^2/NDF : 1585984.2/66

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1356.170 $\pm$ 604.140 χ^2 /NDF:22.4/16

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

Left In: 596.368 $\pm$ 615.085 χ^2 /NDF:6.9/14

Left: -397.428 $\pm$ 431.009 χ^2 /NDF: 34.5/31

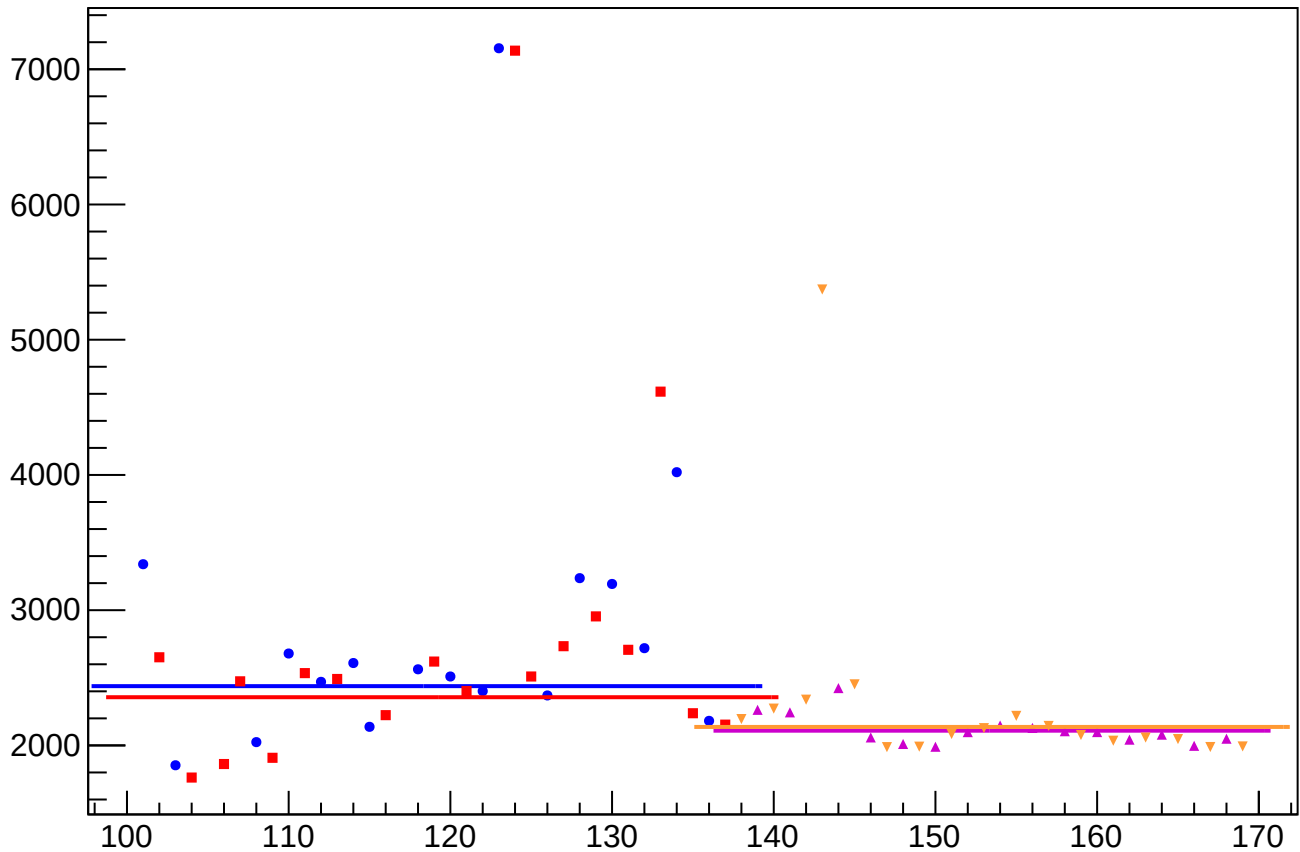
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 671.458 $\pm$ 518.642 χ^2 /NDF:27.6/31

Out: -618.936 $\pm$ 506.172 χ^2 /NDF:34.7/34

All: 10.562 $\pm$ 362.246 χ^2 /NDF: 65.5/66

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2136.643+/-0.427 $\chi^2/\text{NDF}: 645497.4/16$

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

Left In: 2108.996+/-0.435 $\chi^2/\text{NDF}: 60912.0/14$

Left: 2123.068+/-0.305 $\chi^2/\text{NDF}: 708466.0/31$

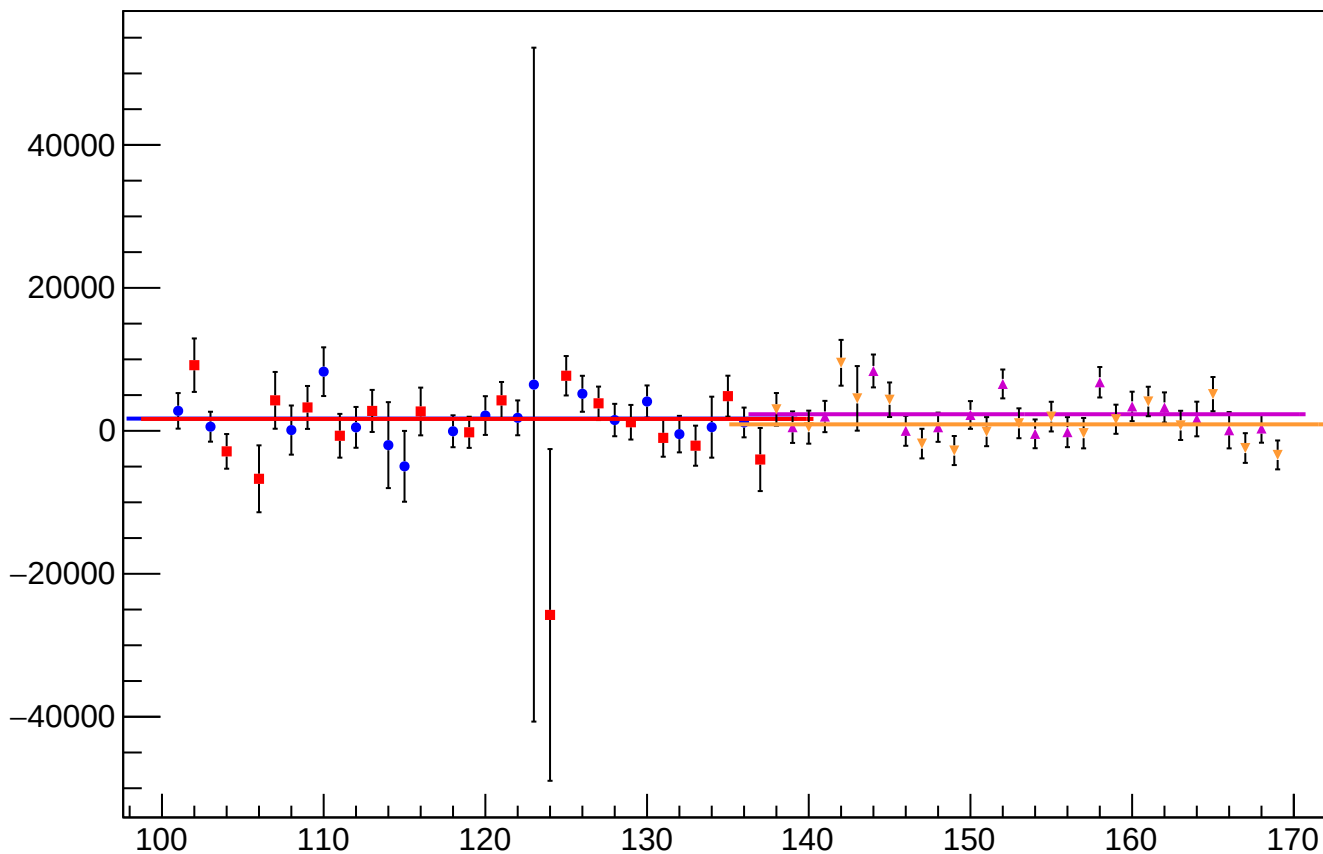
Right: 2395.716+/-0.473 $\chi^2/\text{NDF}: 1113343.5/34$

In: 2204.161+/-0.367 $\chi^2/\text{NDF}: 703288.7/31$

Out: 2202.138+/-0.358 $\chi^2/\text{NDF}: 1353500.8/34$

All: 2203.125+/-0.256 $\chi^2/\text{NDF}: 2056805.1/60$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 908.722+/-537.340 χ^2/NDF : 29.3/16

Right Out: 1665.369+/-695.701 χ^2/NDF : 26.8/17

Left In: 2322.731+/-549.349 χ^2/NDF : 24.1/14

Left: 1600.103+/-384.132 χ^2/NDF : 56.7/31

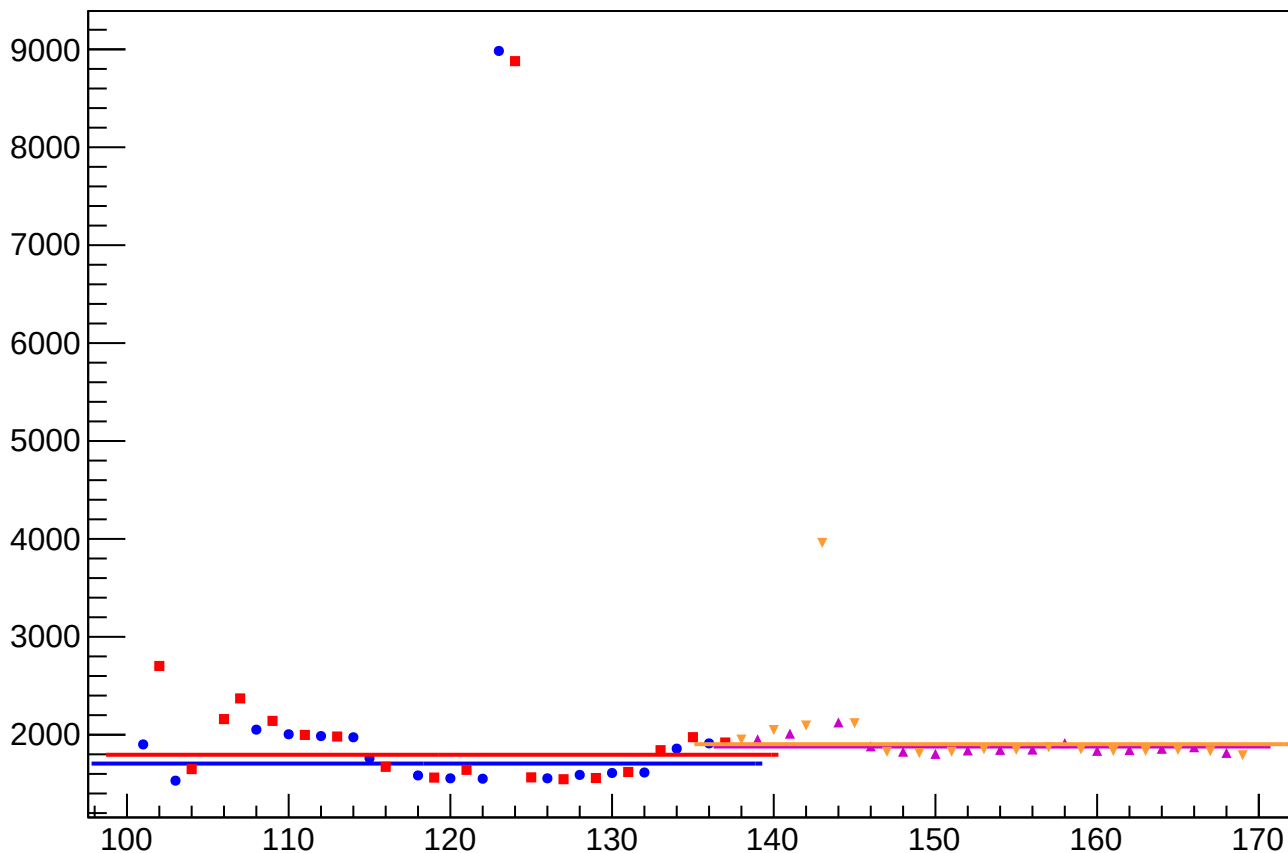
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2076.185+/-424.080 χ^2/NDF : 35.9/31

Out: 1191.445+/-425.262 χ^2/NDF : 56.9/34

All: 1635.047+/-300.287 χ^2/NDF : 95.0/66

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1903.560 ± 0.380 χ^2/NDF : 474233.7/16

Right Out: 1795.574 ± 0.491 χ^2/NDF : 518805.1/17

Left In: 1879.693 ± 0.388 χ^2/NDF : 42933.2/14

Left: 1891.890 ± 0.272 χ^2/NDF : 519096.1/31

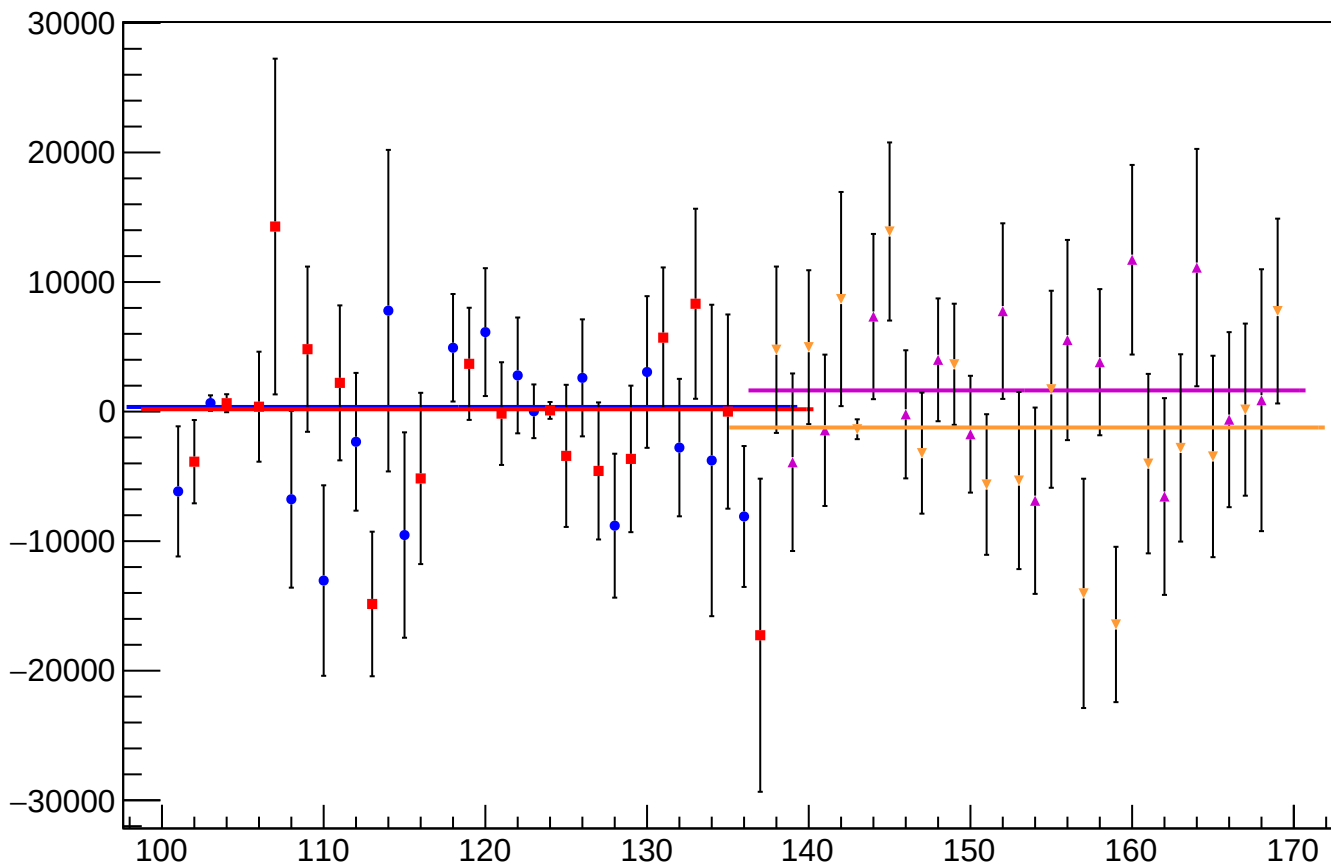
Right: 1748.814 ± 0.340 χ^2/NDF : 730436.4/34

In: 1809.358 ± 0.300 χ^2/NDF : 318246.3/31

Out: 1863.100 ± 0.300 χ^2/NDF : 1023302.7/34

All: 1836.176 ± 0.212 χ^2/NDF : 1357576.7/66

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1228.041 $\pm$ 690.748 χ^2 /NDF:21.2/16

Right Out: 179.185 $\pm$ 446.995 χ^2 /NDF: 18.5/17

Left In: 1633.629 $\pm$ 1624.925 χ^2 /NDF:9.6/14

Left: -790.065 $\pm$ 635.695 χ^2 /NDF: 33.3/31

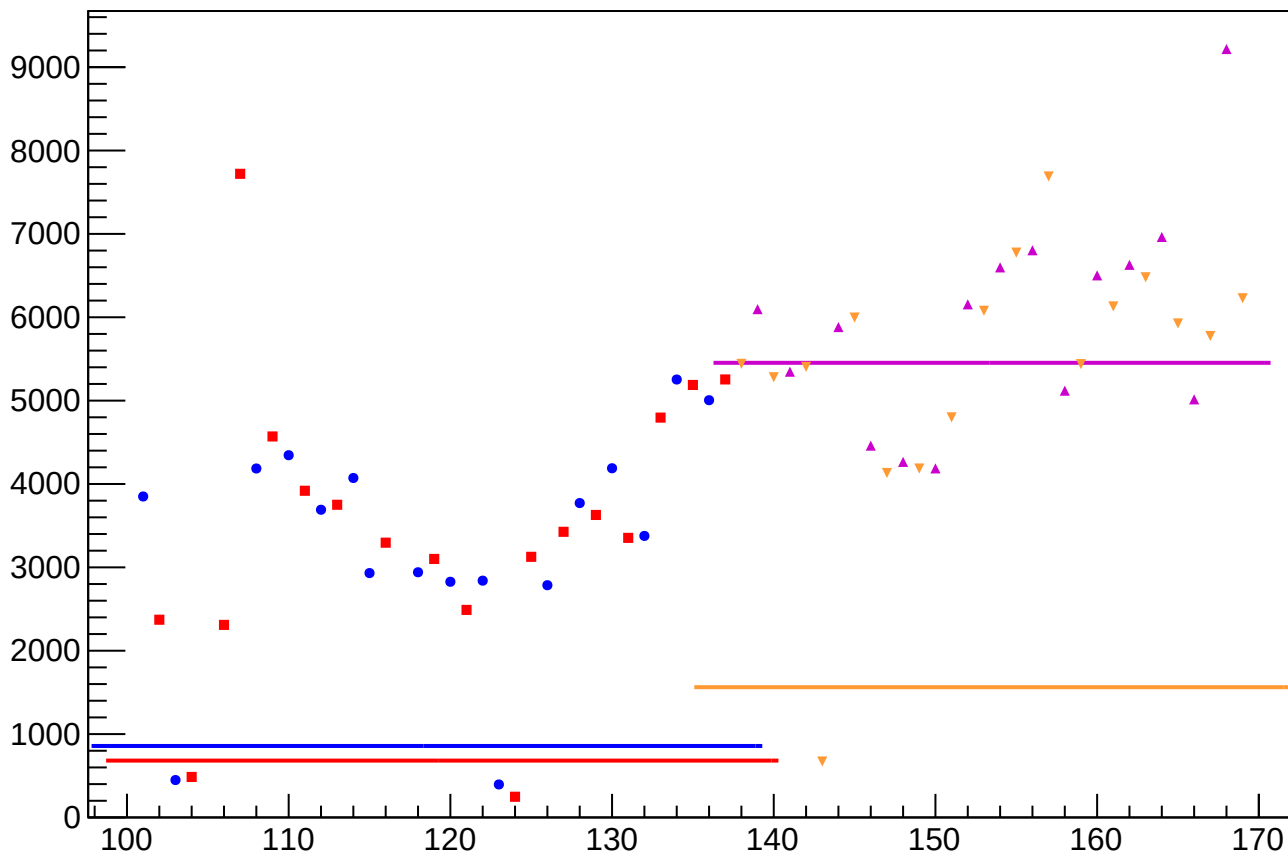
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 481.124 $\pm$ 506.630 χ^2 /NDF:27.6/31

Out: -236.172 $\pm$ 375.274 χ^2 /NDF:42.6/34

All: 17.957 $\pm$ 301.556 χ^2 /NDF: 71.5/66

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1562.574 $\pm$ 0.488 χ^2/NDF : 15124907.4/16

Right Out: 682.114 $\pm$ 0.316 χ^2/NDF : 9378570.8/17

Left In: 5453.611 $\pm$ 1.149 χ^2/NDF : 961018.7/14

Left: 2158.094 $\pm$ 0.450 χ^2/NDF : 25798901.5/31

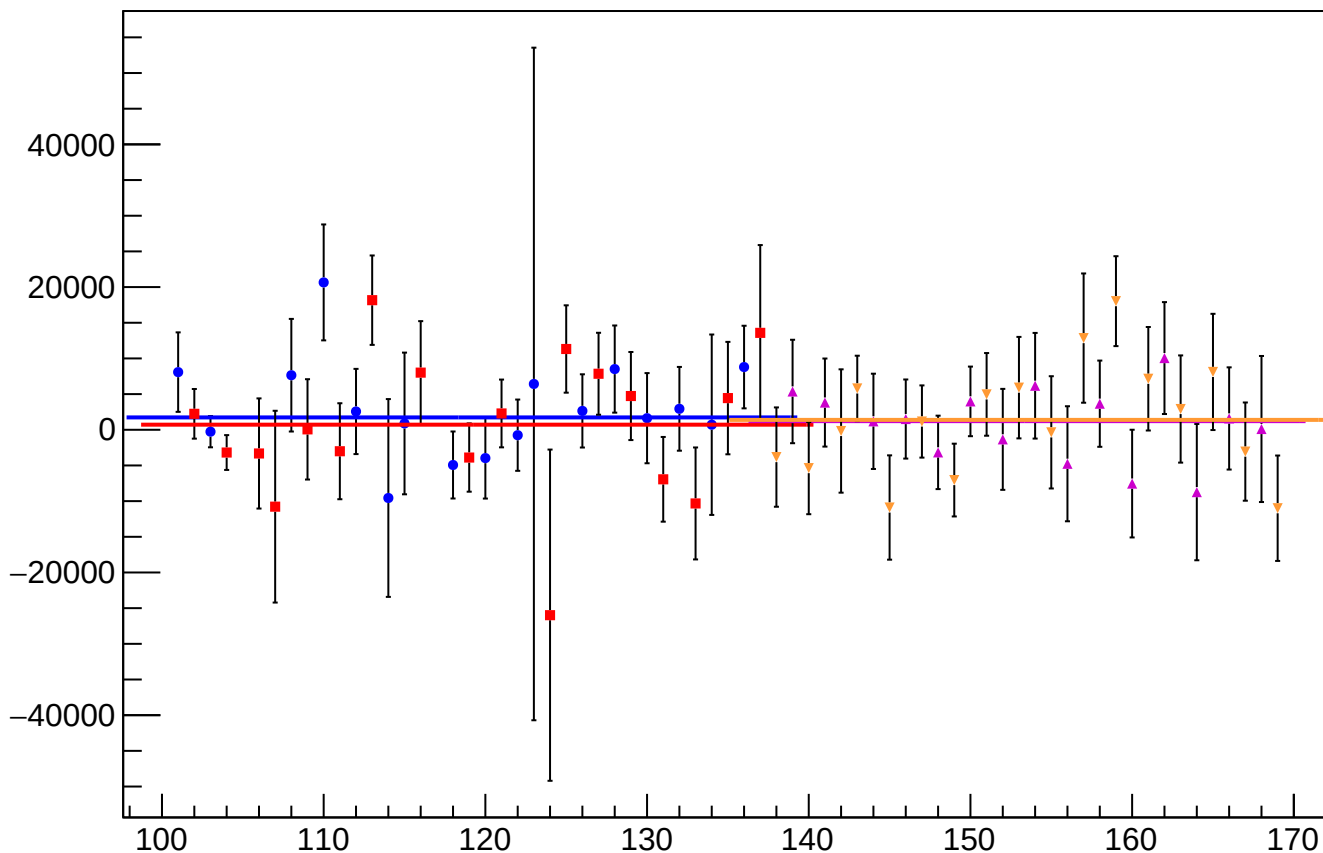
Right: 754.488 $\pm$ 0.242 χ^2/NDF : 17680867.8/34

In: 1304.266 $\pm$ 0.358 χ^2/NDF : 23581893.1/31

Out: 941.990 $\pm$ 0.265 χ^2/NDF : 26793820.6/34

All: 1070.340 $\pm$ 0.213 χ^2/NDF : 51036052.9/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1386.706+/-1588.812 χ^2/NDF : 22.2/16

Right Out: 715.502+/-1290.698 χ^2/NDF : 25.1/17

Left In: 1210.300+/-1728.100 χ^2/NDF : 6.6/14

Left: 1305.898+/-1169.607 χ^2/NDF : 28.7/31

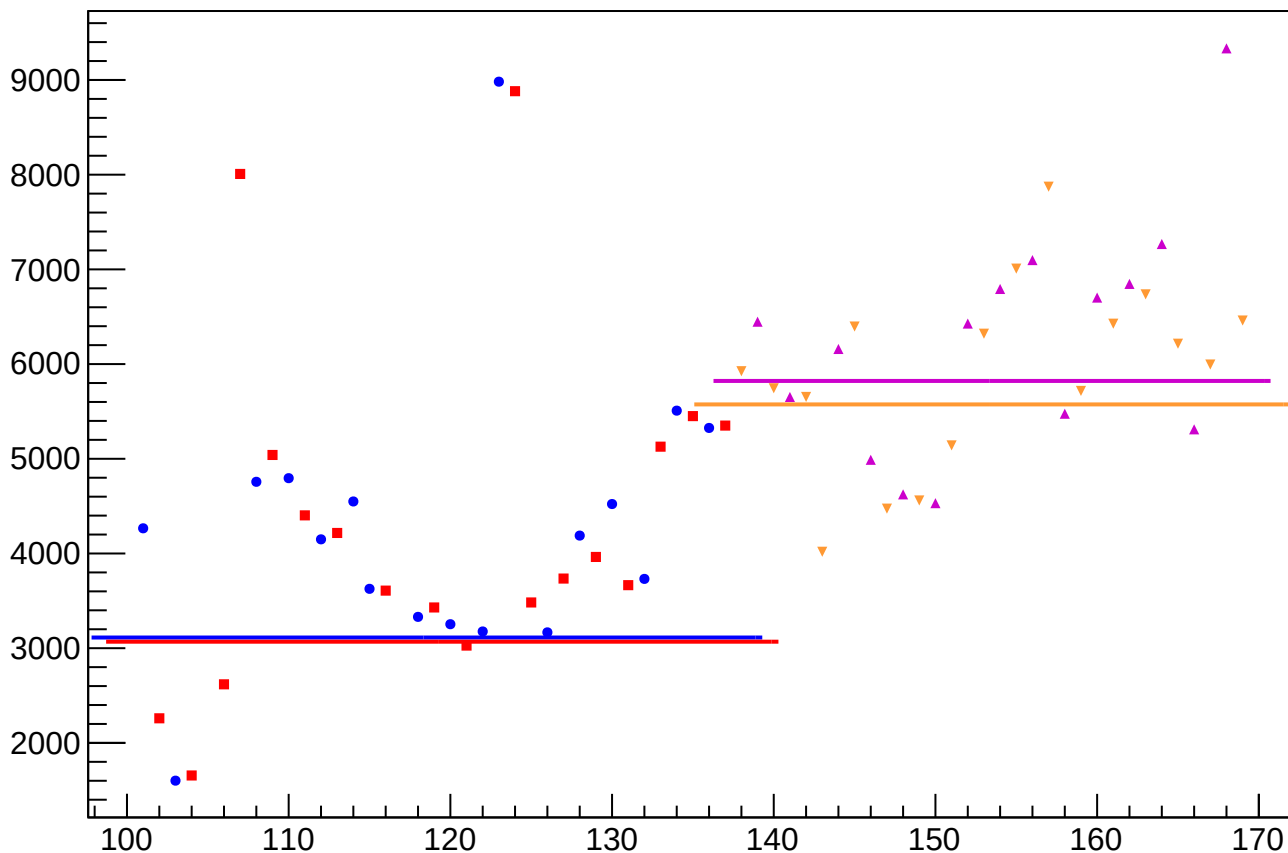
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1543.419+/-1041.212 χ^2/NDF : 21.5/31

Out: 982.352+/-1001.794 χ^2/NDF : 47.4/34

All: 1252.064+/-721.909 χ^2/NDF : 69.1/66

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5574.151 $\pm$ 1.123 χ^2 /NDF: 789671.6/16

Right Out: 3068.634 $\pm$ 0.899 χ^2 /NDF: 2001632.3/17

Left In: 5822.004 $\pm$ 1.222 χ^2 /NDF: 773547.7/14

Left: 5687.688 $\pm$ 0.827 χ^2 /NDF: 1585514.7/31

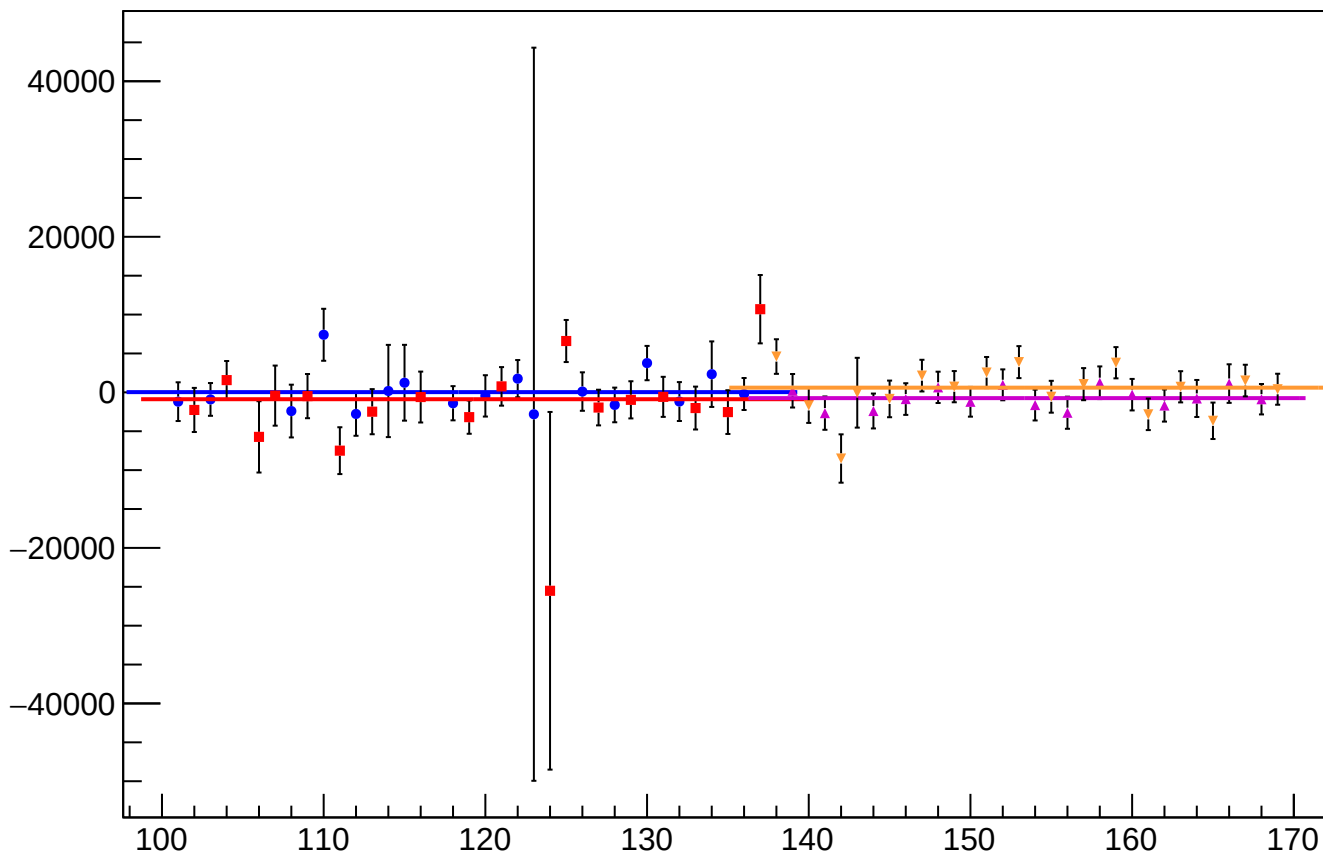
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4096.240 $\pm$ 0.736 χ^2 /NDF: 5789424.0/31

Out: 4047.180 $\pm$ 0.702 χ^2 /NDF: 5822494.1/34

All: 4070.546 $\pm$ 0.508 χ^2 /NDF: 11614243.6/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 602.469 ± 527.170 χ^2/NDF : 26.6/16

Right Out: -882.685 ± 674.623 χ^2/NDF : 25.6/17

Left In: -743.486 ± 539.015 χ^2/NDF : 5.6/14

Left: -55.557 ± 376.884 χ^2/NDF : 35.4/31

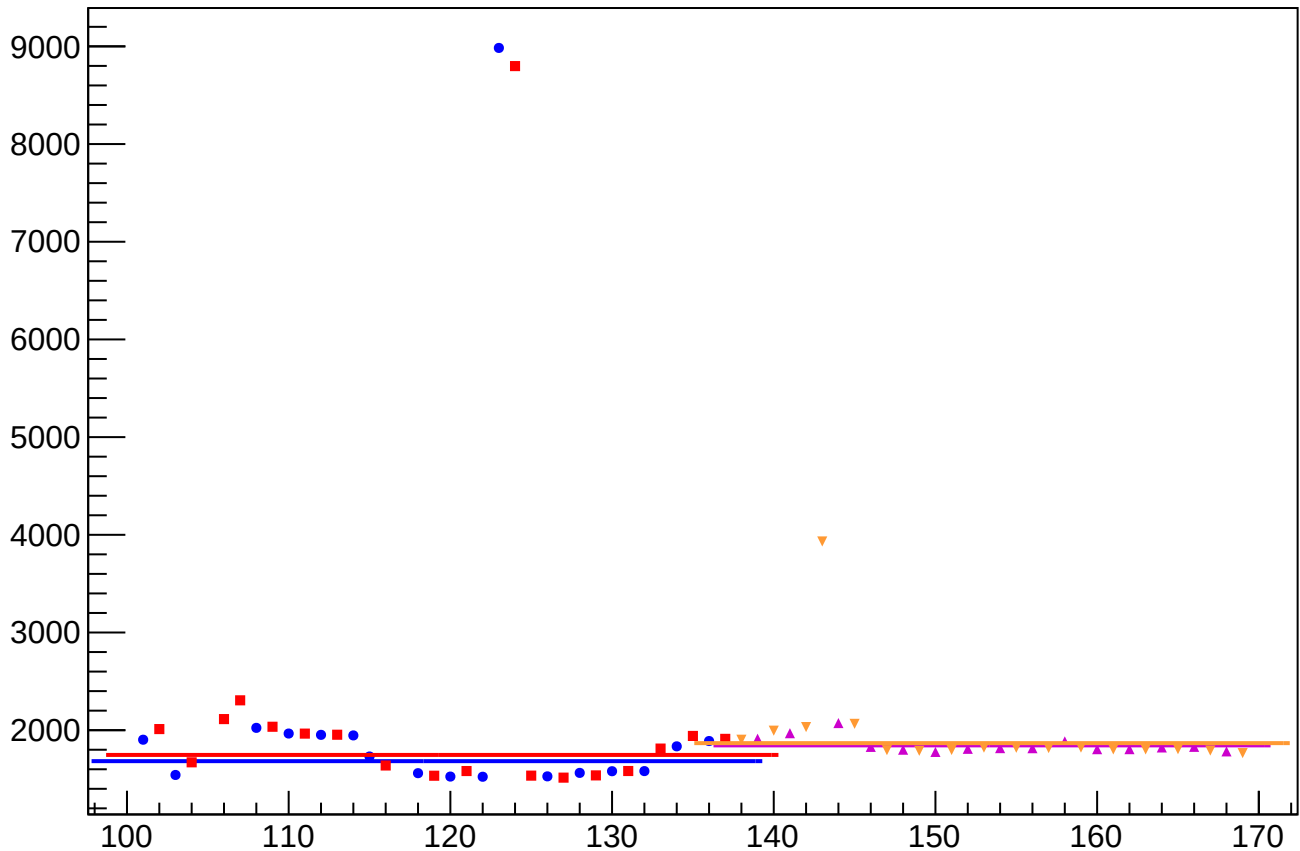
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -433.464 ± 417.075 χ^2/NDF : 18.2/31

Out: 39.409 ± 415.387 χ^2/NDF : 55.3/34

All: -196.069 ± 294.318 χ^2/NDF : 74.1/66

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1867.558+/-0.373 χ^2/NDF : 475835.1/16

Right Out: 1746.802+/-0.476 χ^2/NDF : 406724.0/17

Left In: 1844.611+/-0.381 χ^2/NDF : 38868.3/14

Left: 1856.339+/-0.266 χ^2/NDF : 516556.0/31

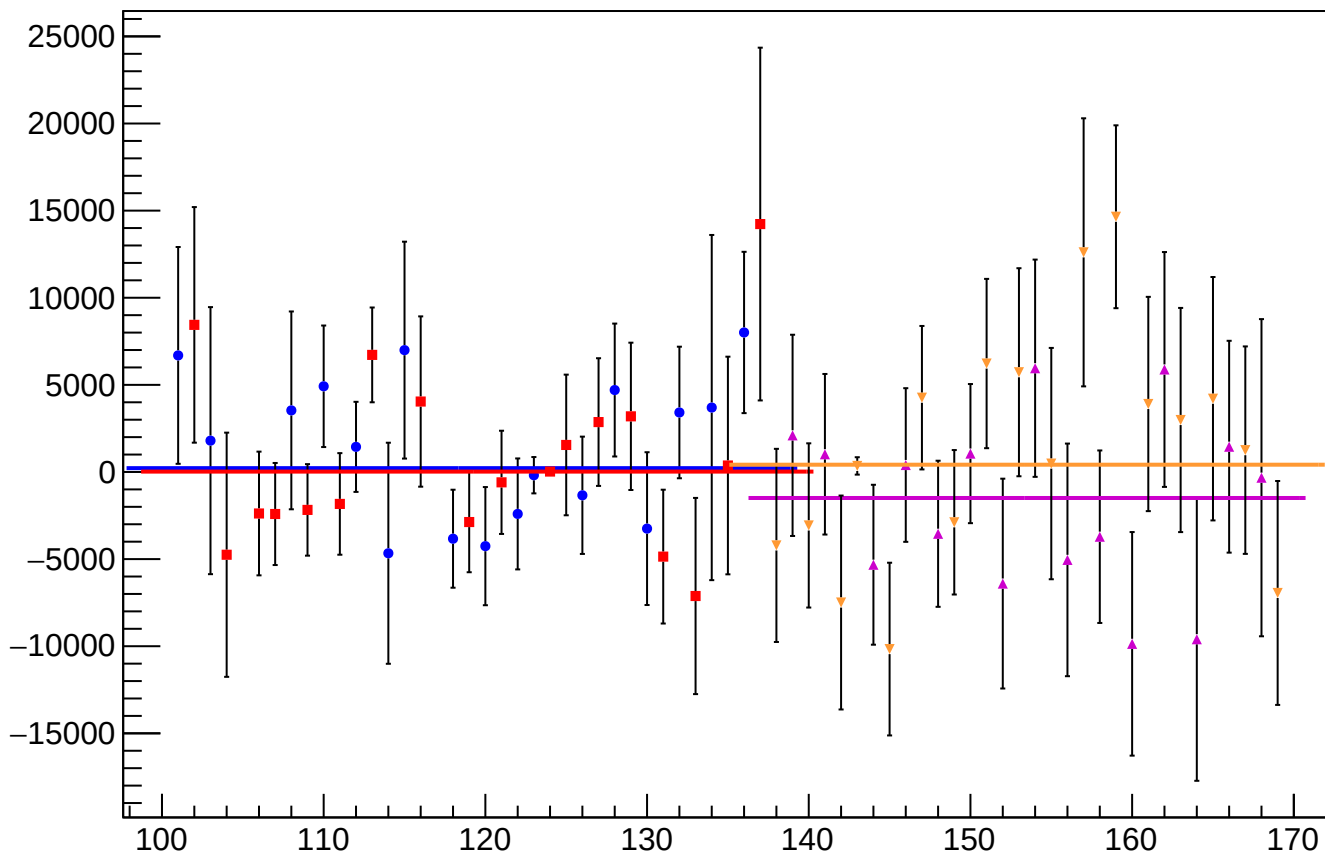
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1779.810+/-0.295 χ^2/NDF : 306761.2/31

Out: 1821.651+/-0.293 χ^2/NDF : 922454.1/34

All: 1800.833+/-0.208 χ^2/NDF : 1239328.4/66

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 417.973 $\pm$ 469.151 χ^2 /NDF:23.2/16

Right Out: 21.945 $\pm$ 114.135 χ^2 /NDF: 18.6/17

Left In: -1492.542 $\pm$ 1396.527 χ^2 /NDF:8.9/14

Left: 224.225 $\pm$ 444.726 χ^2 /NDF: 33.8/31

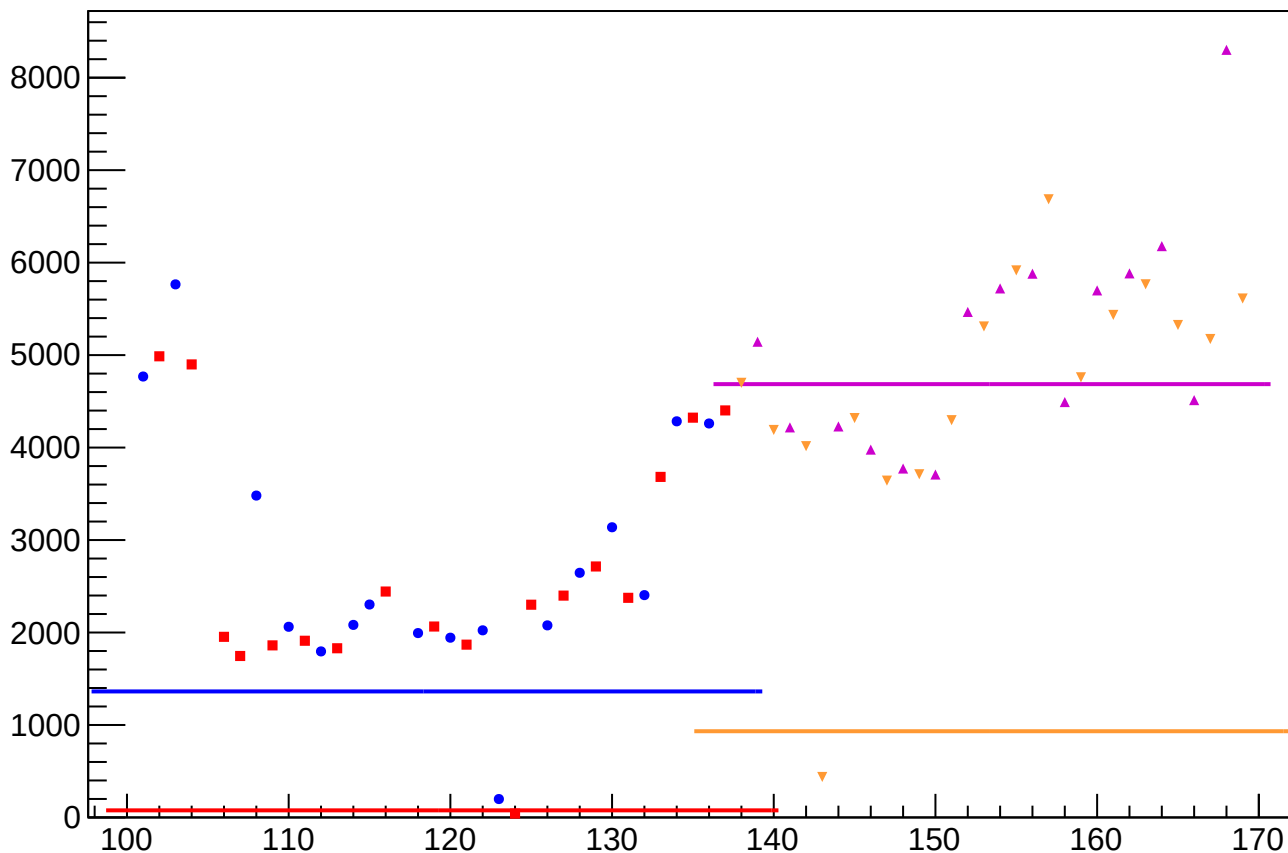
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: -140.491 $\pm$ 640.596 χ^2 /NDF:25.9/31

Out: 44.074 $\pm$ 110.901 χ^2 /NDF:42.4/34

All: 38.703 $\pm$ 109.275 χ^2 /NDF: 68.4/66

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 932.506+/-0.332 χ^2/NDF : 17456888.7/16

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

Left In: 4686.010+/-0.987 χ^2/NDF : 972860.1/14

Left: 1313.154+/-0.314 χ^2/NDF : 31412482.4/31

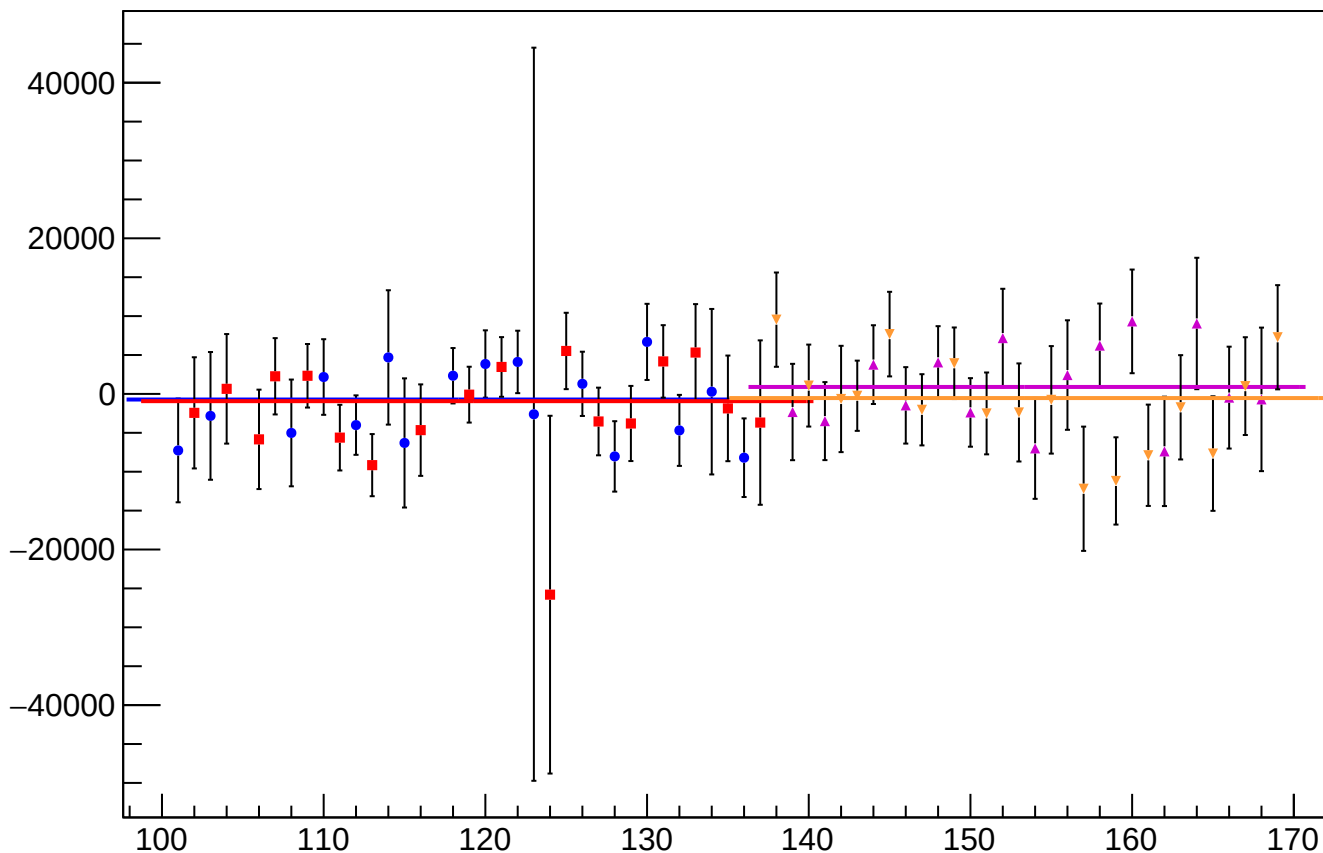
Right: 108.278+/-0.080 χ^2/NDF : 25558892.3/34

In: 2062.076+/-0.453 χ^2/NDF : 16150747.5/31

Out: 124.646+/-0.078 χ^2/NDF : 36852567.4/34

All: 181.022+/-0.077 χ^2/NDF : 70765173.9/60

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -534.159+/-1408.200 χ^2/NDF :15.8/16

Right Out: -931.712+/-1194.458 χ^2/NDF : 14.9/17

Left In: 894.298+/-1509.341 χ^2/NDF :10.1/14

Left: 130.609+/-1029.648 χ^2/NDF : 26.4/31

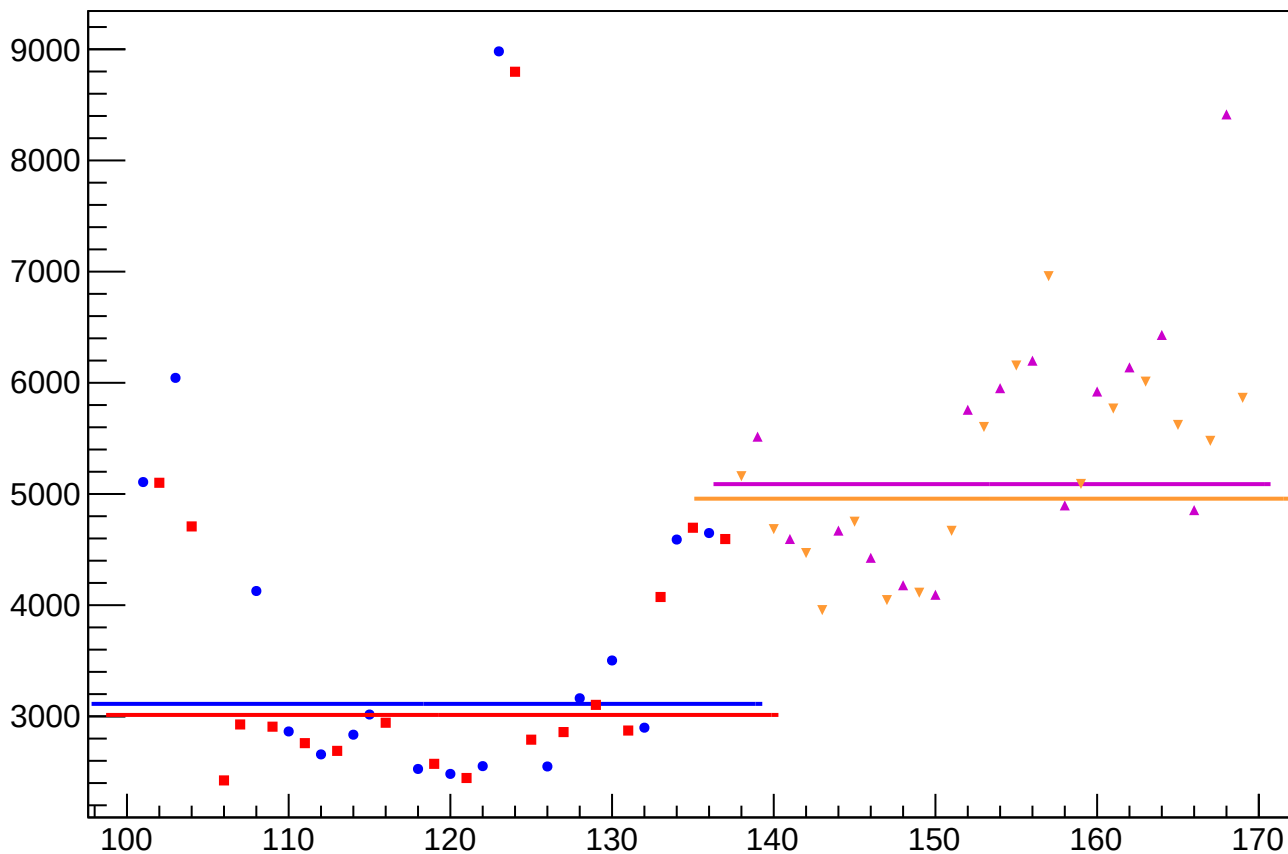
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -62.554+/-963.863 χ^2/NDF :25.5/31

Out: -765.366+/-910.906 χ^2/NDF :30.8/34

All: -433.797+/-662.038 χ^2/NDF : 56.6/66

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 $\pm$ 0.886 χ^2/NDF : 958497.7/16

Left Out: 4957.812 $\pm$ 0.996 χ^2/NDF : 627246.7/16

Right Out: 3012.763 $\pm$ 0.834 χ^2/NDF : 774261.7/17

Left In: 5088.686 $\pm$ 1.067 χ^2/NDF : 756128.3/14

Left: 5018.717 $\pm$ 0.728 χ^2/NDF : 1391414.3/31

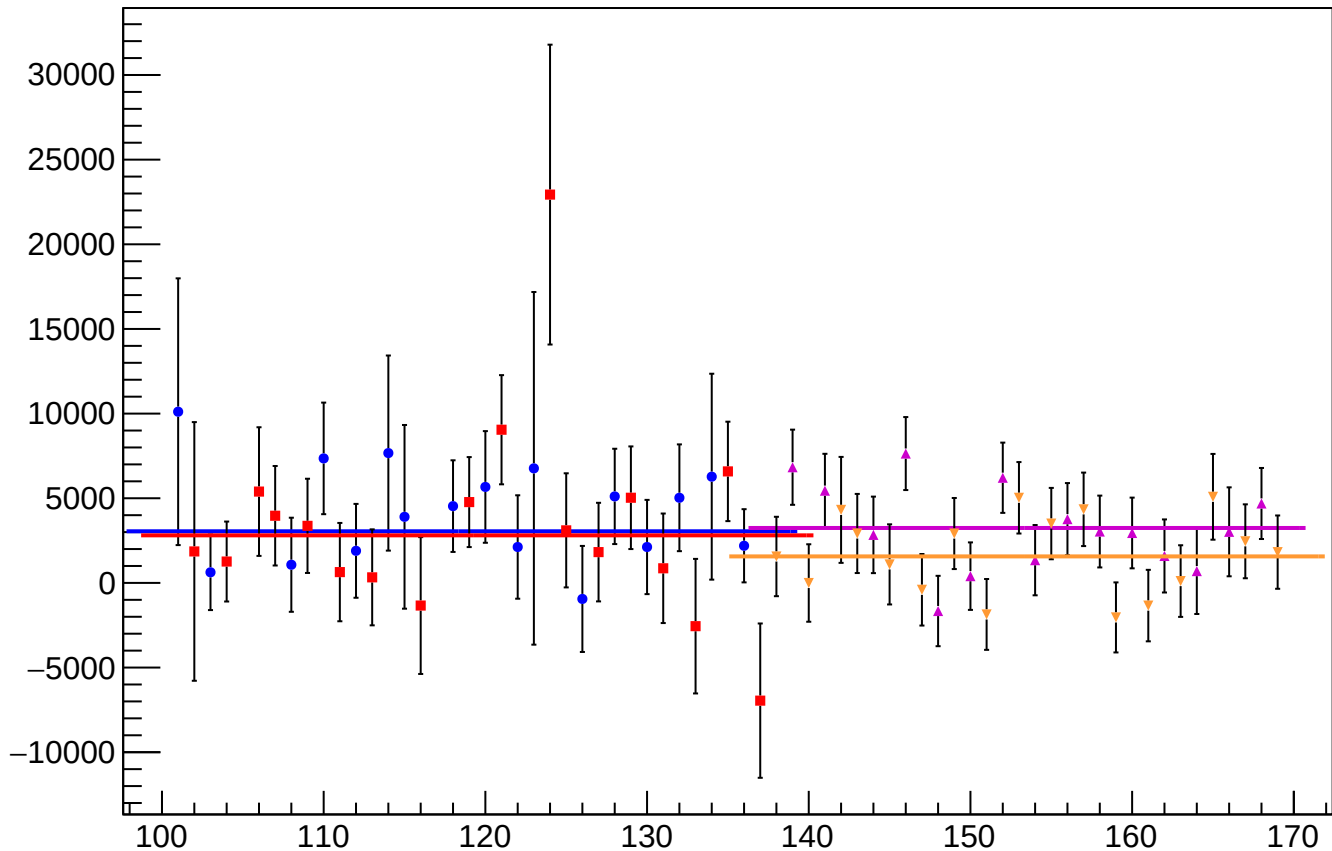
Right: 3059.514 $\pm$ 0.607 χ^2/NDF : 1739444.6/34

In: 3918.242 $\pm$ 0.682 χ^2/NDF : 3745546.2/31

Out: 3814.717 $\pm$ 0.639 χ^2/NDF : 3643912.9/34

All: 3863.178 $\pm$ 0.466 χ^2/NDF : 7401731.2/60

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1565.376 $\pm$ 539.268 χ^2 /NDF:18.3/16

Right Out: 2809.116 $\pm$ 766.213 χ^2 /NDF: 22.0/17

Left In: 3244.657 $\pm$ 560.176 χ^2 /NDF:20.5/14

Left: 2373.093 $\pm$ 388.501 χ^2 /NDF: 43.4/31

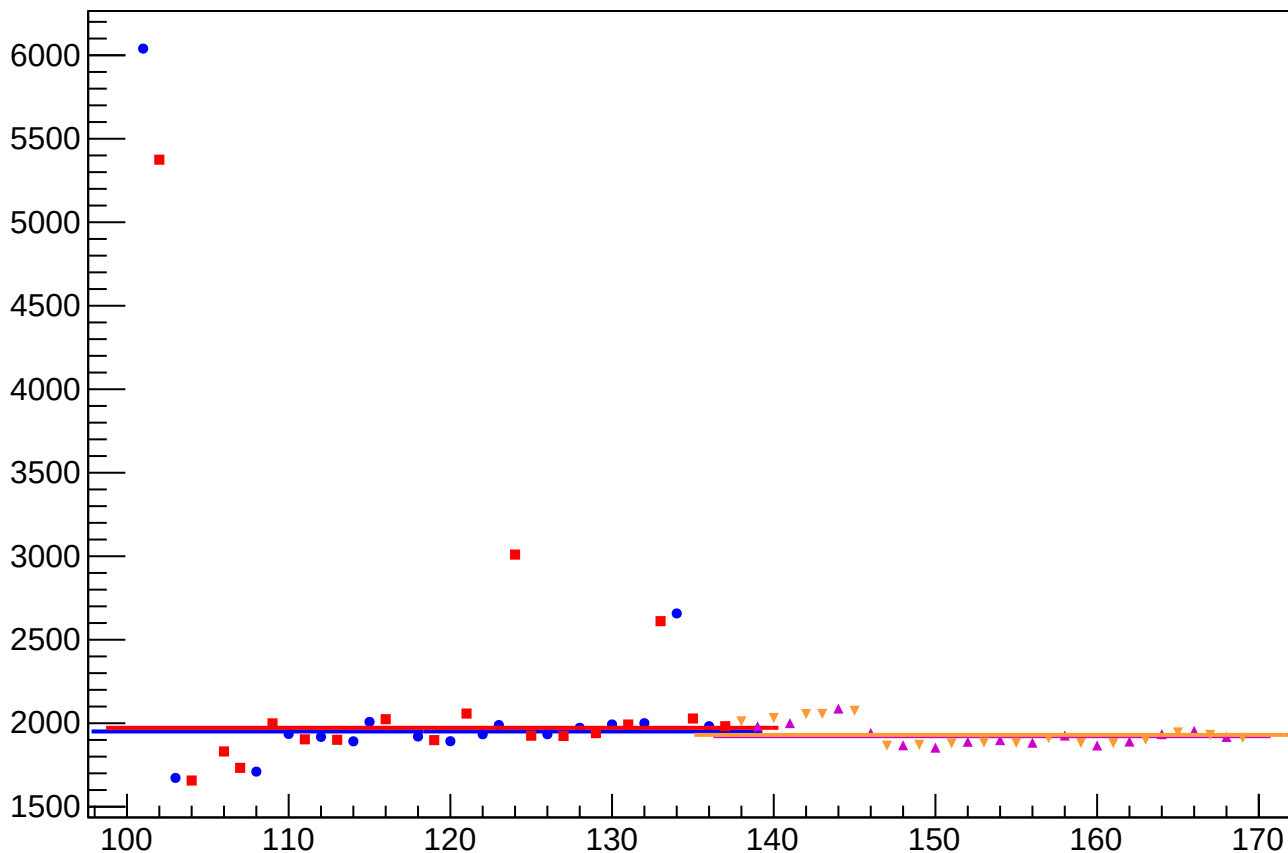
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

In: 3177.237 $\pm$ 453.456 χ^2 /NDF:29.8/31

Out: 1977.376 $\pm$ 440.995 χ^2 /NDF:42.1/34

All: 2560.593 $\pm$ 316.144 χ^2 /NDF: 75.5/66

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1930.174 $\pm$ 0.381 χ^2 /NDF:32244.6/16

Right Out: 1972.726 $\pm$ 0.541 χ^2 /NDF: 535670.1/17

Left In: 1922.609 $\pm$ 0.396 χ^2 /NDF:22294.0/14

Left: 1926.535 $\pm$ 0.275 χ^2 /NDF: 54727.9/31

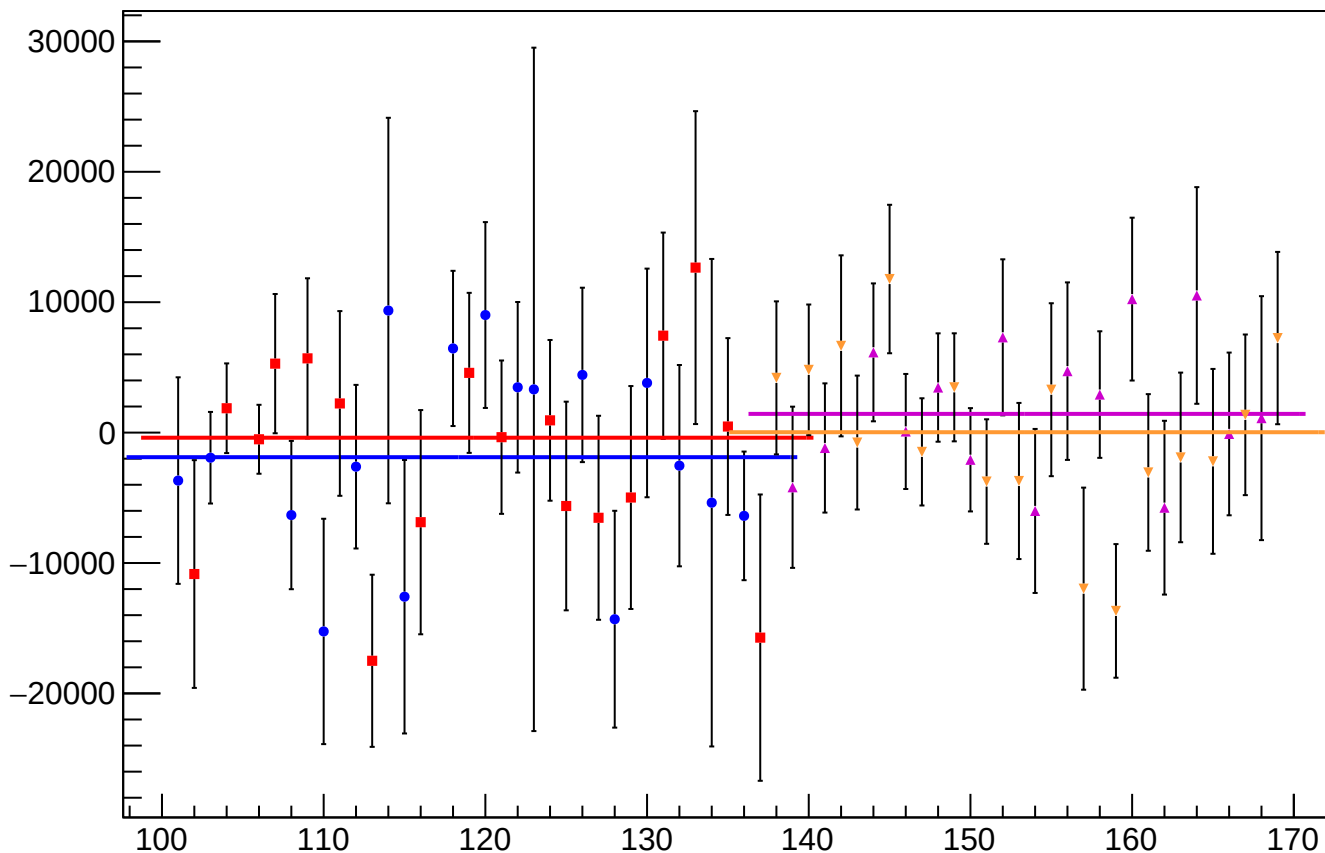
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1932.290 $\pm$ 0.321 χ^2 /NDF:639192.1/31

Out: 1944.281 $\pm$ 0.312 χ^2 /NDF:572043.0/34

All: 1938.454 $\pm$ 0.224 χ^2 /NDF: 1211954.0/60

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 29.089+/-1353.688 χ^2/NDF : 19.9/16

Right Out: -391.453+/-1361.685 χ^2/NDF : 17.6/17

Left In: 1435.051+/-1424.545 χ^2/NDF : 10.1/14

Left: 696.235+/-981.296 χ^2/NDF : 30.6/31

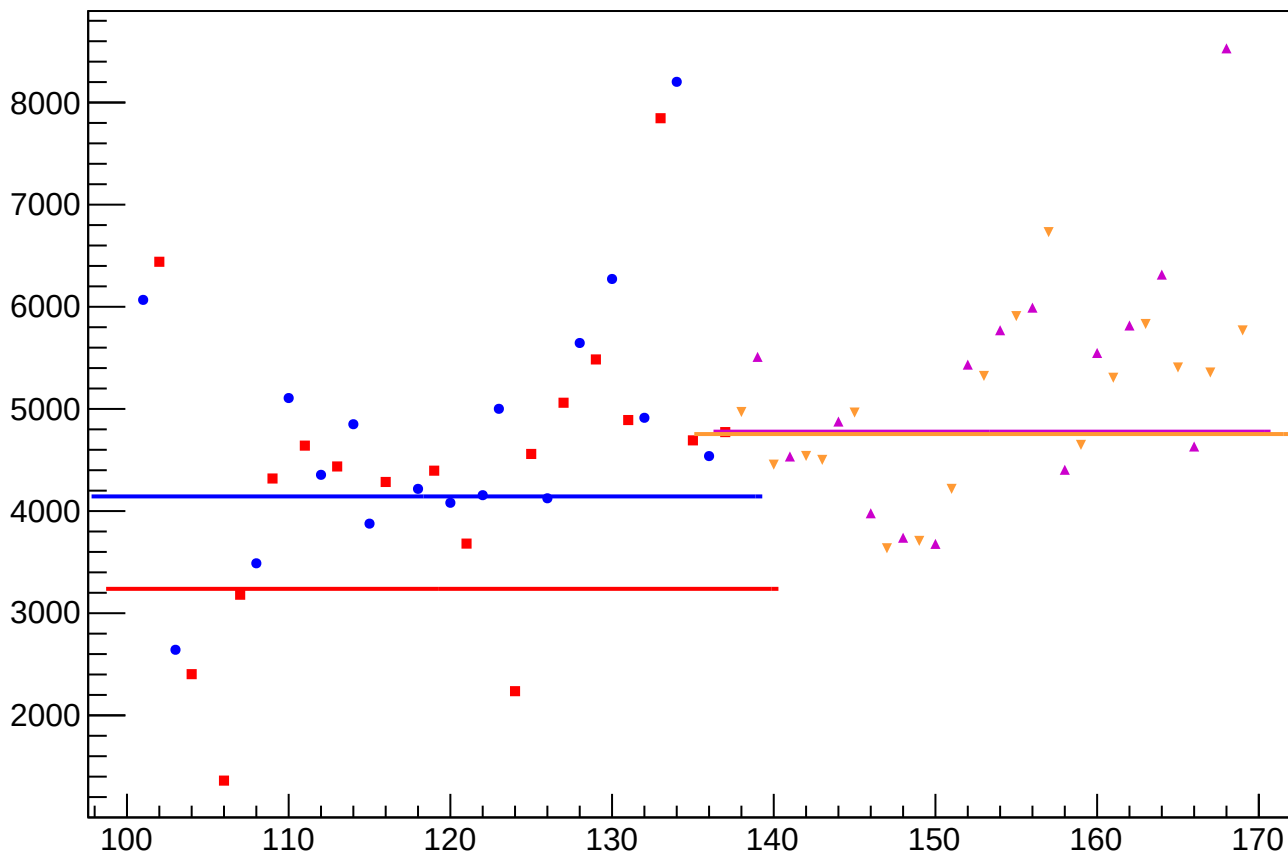
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: 24.893+/-1080.493 χ^2/NDF : 26.5/31

Out: -179.943+/-960.017 χ^2/NDF : 37.6/34

All: -89.577+/-717.665 χ^2/NDF : 64.1/66

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4754.035+/-0.957 χ^2/NDF : 684875.9/16

Right Out: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

Left In: 4777.540+/-1.007 χ^2/NDF : 998035.0/14

Left: 4765.188+/-0.694 χ^2/NDF : 1683197.1/31

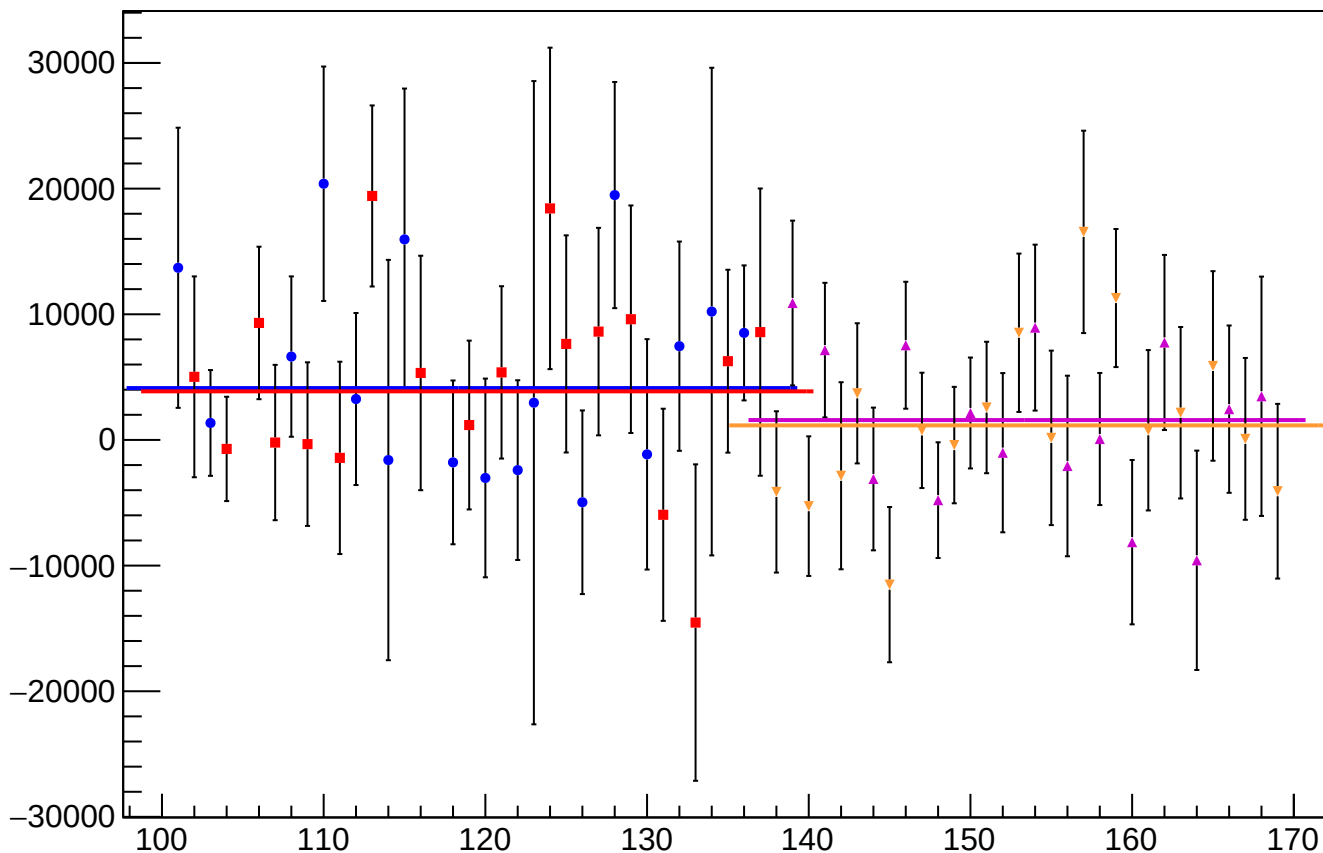
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4508.252+/-0.764 χ^2/NDF : 2022285.3/31

Out: 4000.776+/-0.679 χ^2/NDF : 4512718.5/34

All: 4224.655+/-0.507 χ^2/NDF : 6781552.3/66

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1158.232 $\pm$ 1463.951 χ^2 /NDF:16.4/16

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

Left In: 1581.282 $\pm$ 1541.270 χ^2 /NDF:13.5/14

Left: 1358.880 $\pm$ 1061.451 χ^2 /NDF: 30.0/31

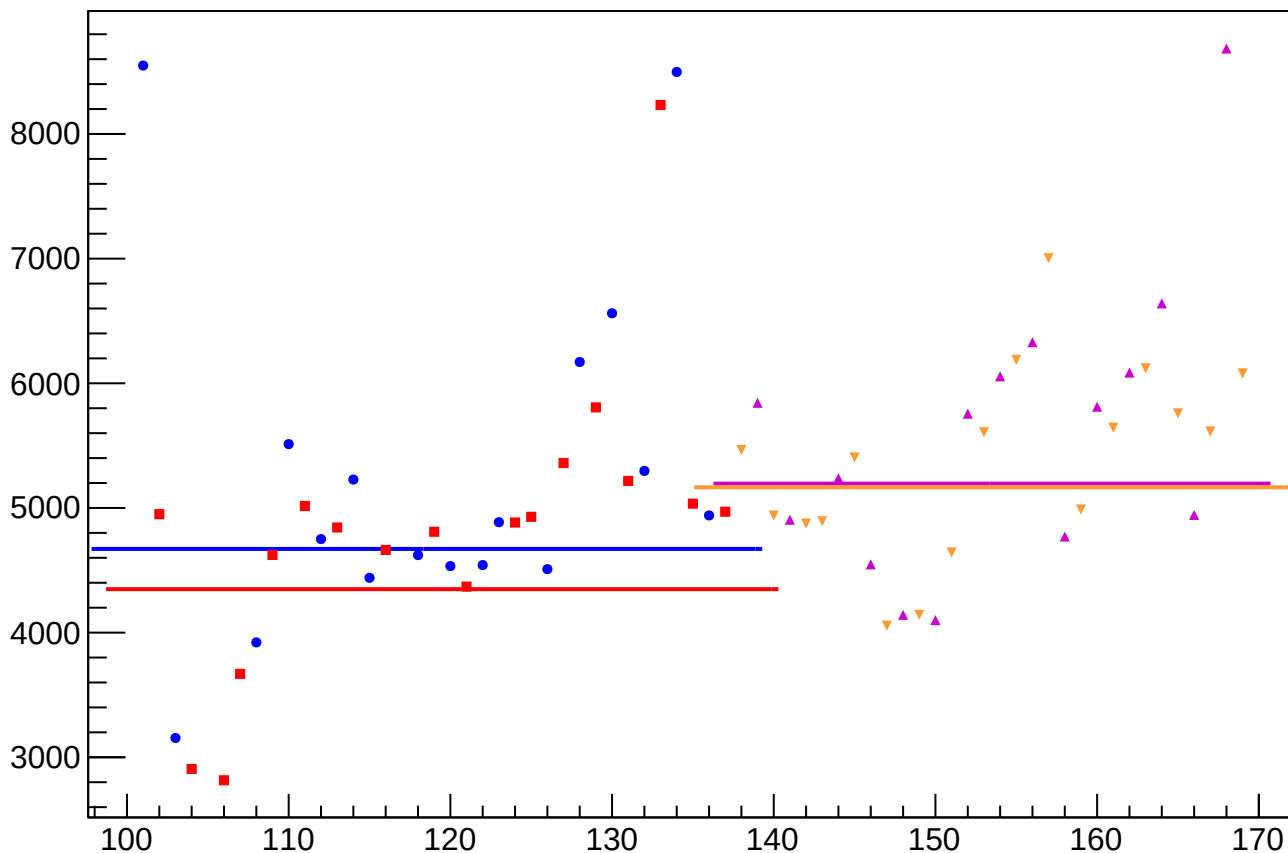
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 2615.490 $\pm$ 1187.566 χ^2 /NDF:28.3/31

Out: 2290.236 $\pm$ 1116.847 χ^2 /NDF:32.1/34

All: 2442.891 $\pm$ 813.583 χ^2 /NDF: 60.4/66

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5165.531+/-1.035 χ^2/NDF : 519399.7/16

Right Out: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

Left In: 5195.366+/-1.090 χ^2/NDF : 775376.3/14

Left: 5179.681+/-0.751 χ^2/NDF : 1295170.0/31

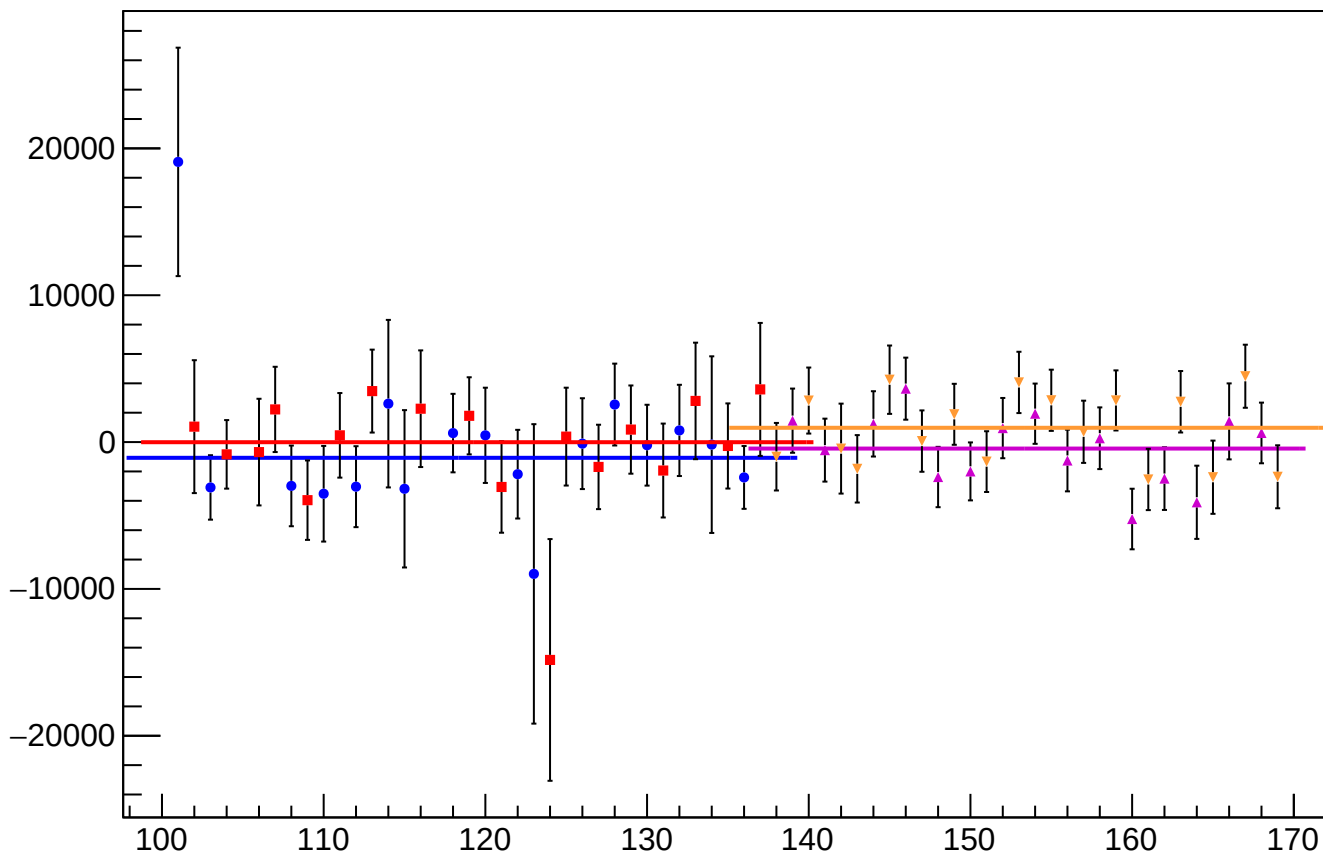
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4982.439+/-0.840 χ^2/NDF : 1655433.3/31

Out: 4821.806+/-0.788 χ^2/NDF : 1573831.3/34

All: 4897.003+/-0.575 χ^2/NDF : 3248726.8/66

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 973.201 ± 531.706 χ^2/NDF : 21.0/16

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

Left In: -442.002 ± 552.658 χ^2/NDF : 17.9/14

Left: 292.933 ± 383.166 χ^2/NDF : 42.3/31

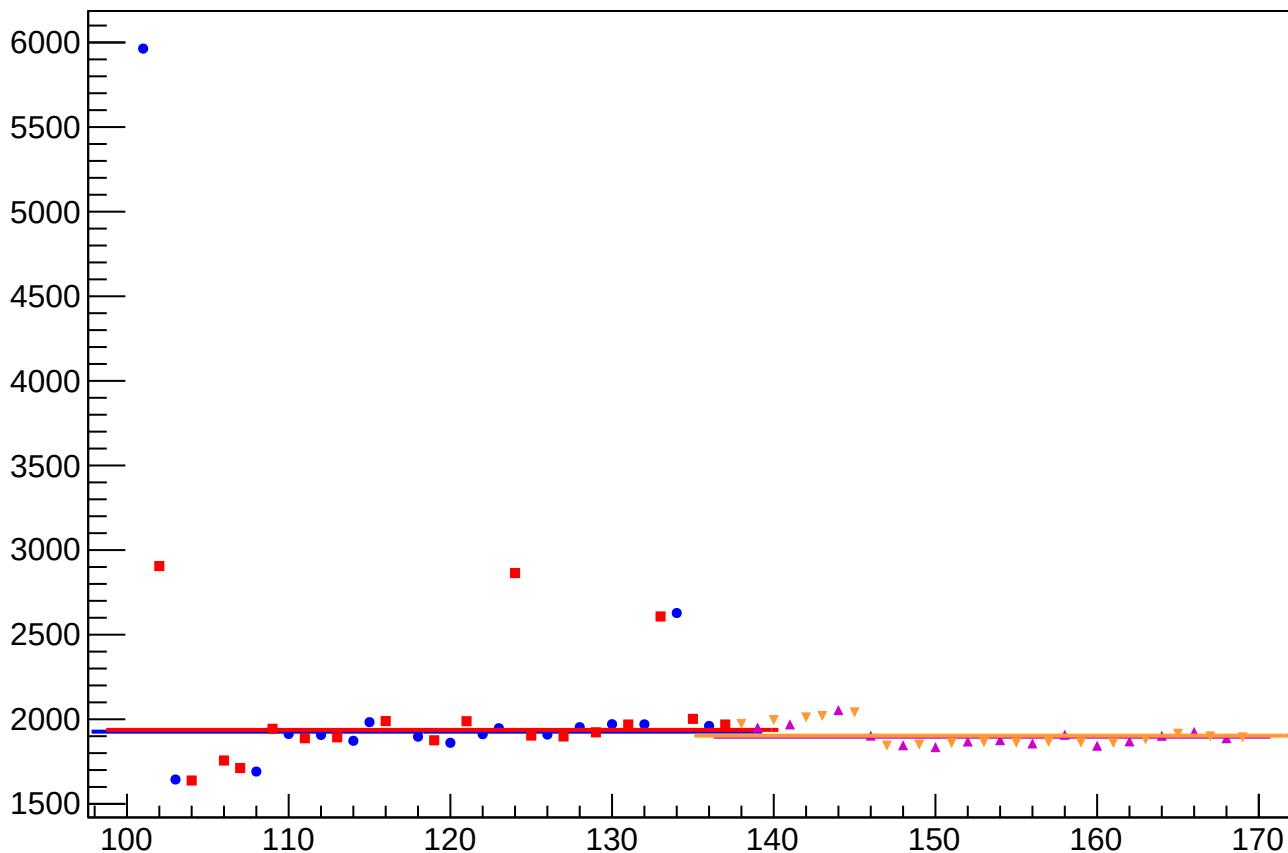
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -658.544 ± 447.576 χ^2/NDF : 32.0/31

Out: 643.584 ± 433.391 χ^2/NDF : 33.6/34

All: 13.481 ± 311.347 χ^2/NDF : 70.0/66

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.342 $\pm$ 0.376 χ^2 /NDF: 27827.1/16

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

Left In: 1896.966 $\pm$ 0.391 χ^2 /NDF: 20083.7/14

Left: 1900.277 $\pm$ 0.271 χ^2 /NDF: 48049.1/31

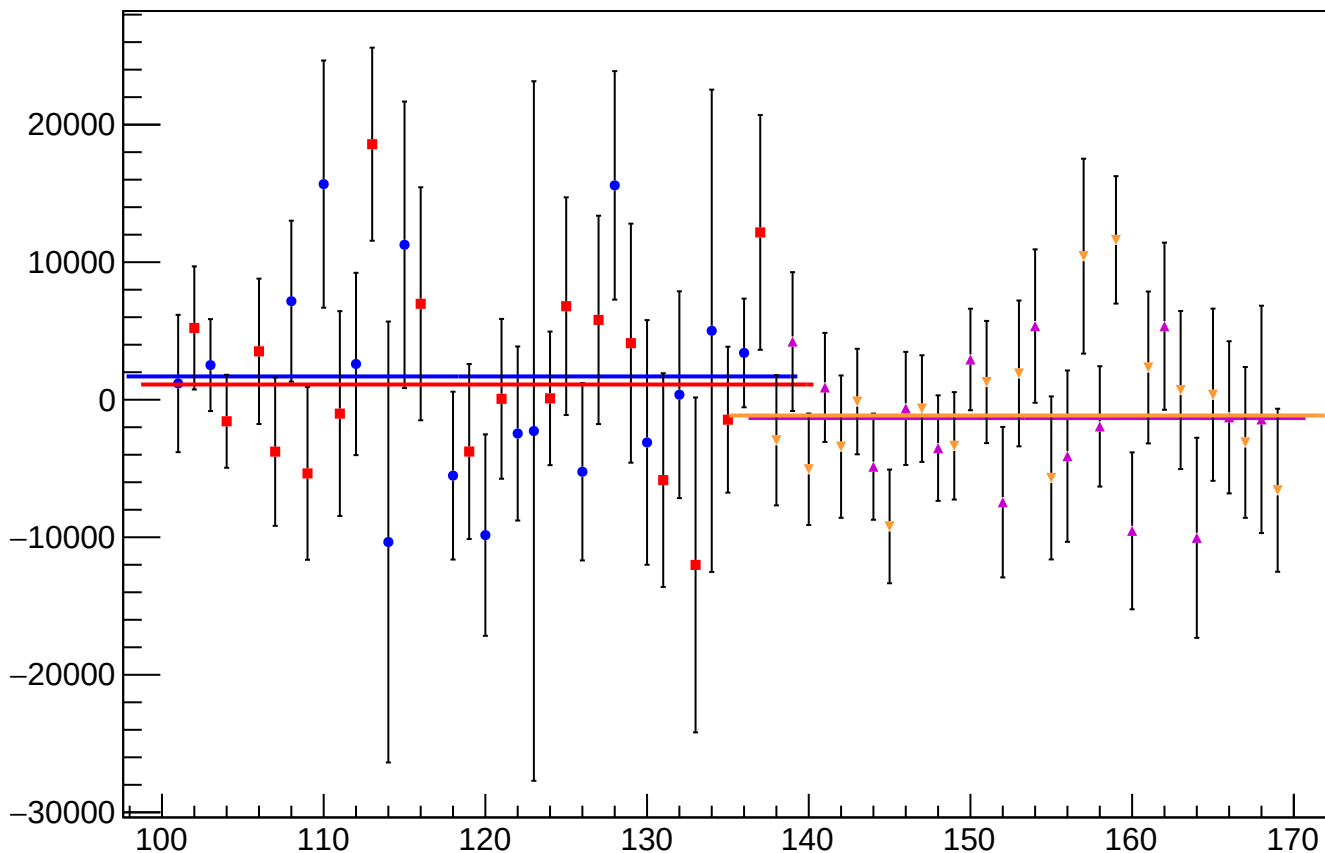
Right: 1932.191 $\pm$ 0.378 χ^2 /NDF: 846384.9/34

In: 1907.264 $\pm$ 0.316 χ^2 /NDF: 639217.7/31

Out: 1914.744 $\pm$ 0.306 χ^2 /NDF: 259644.0/34

All: 1911.125 $\pm$ 0.220 χ^2 /NDF: 899150.1/66

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1145.858 $\pm$ 1168.075 χ^2 /NDF:18.5/16

Right Out: 1107.921 $\pm$ 1412.697 χ^2 /NDF: 15.9/17

Left In: -1331.524 $\pm$ 1251.774 χ^2 /NDF:11.7/14

Left: -1232.277 $\pm$ 854.012 χ^2 /NDF: 30.2/31

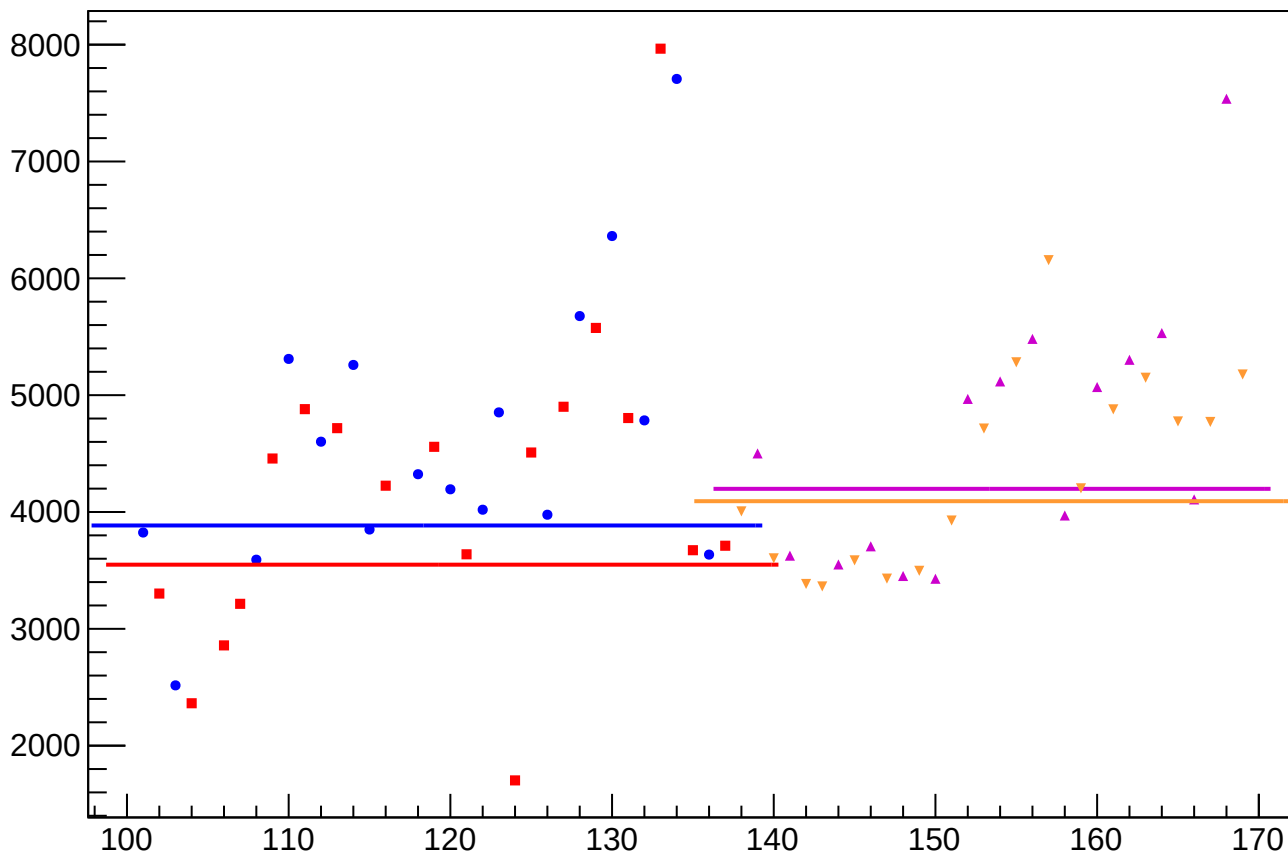
Right: 1373.479 $\pm$ 1044.694 χ^2 /NDF: 29.6/34

In: -139.019 $\pm$ 974.333 χ^2 /NDF:27.6/31

Out: -230.694 $\pm$ 900.208 χ^2 /NDF:35.9/34

All: -188.476 $\pm$ 661.197 χ^2 /NDF: 63.5/66

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4092.469 $\pm$ 0.826 χ^2 /NDF: 785509.6/16

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

Left In: 4198.267 $\pm$ 0.885 χ^2 /NDF: 987506.5/14

Left: 4141.713 $\pm$ 0.604 χ^2 /NDF: 1780653.1/31

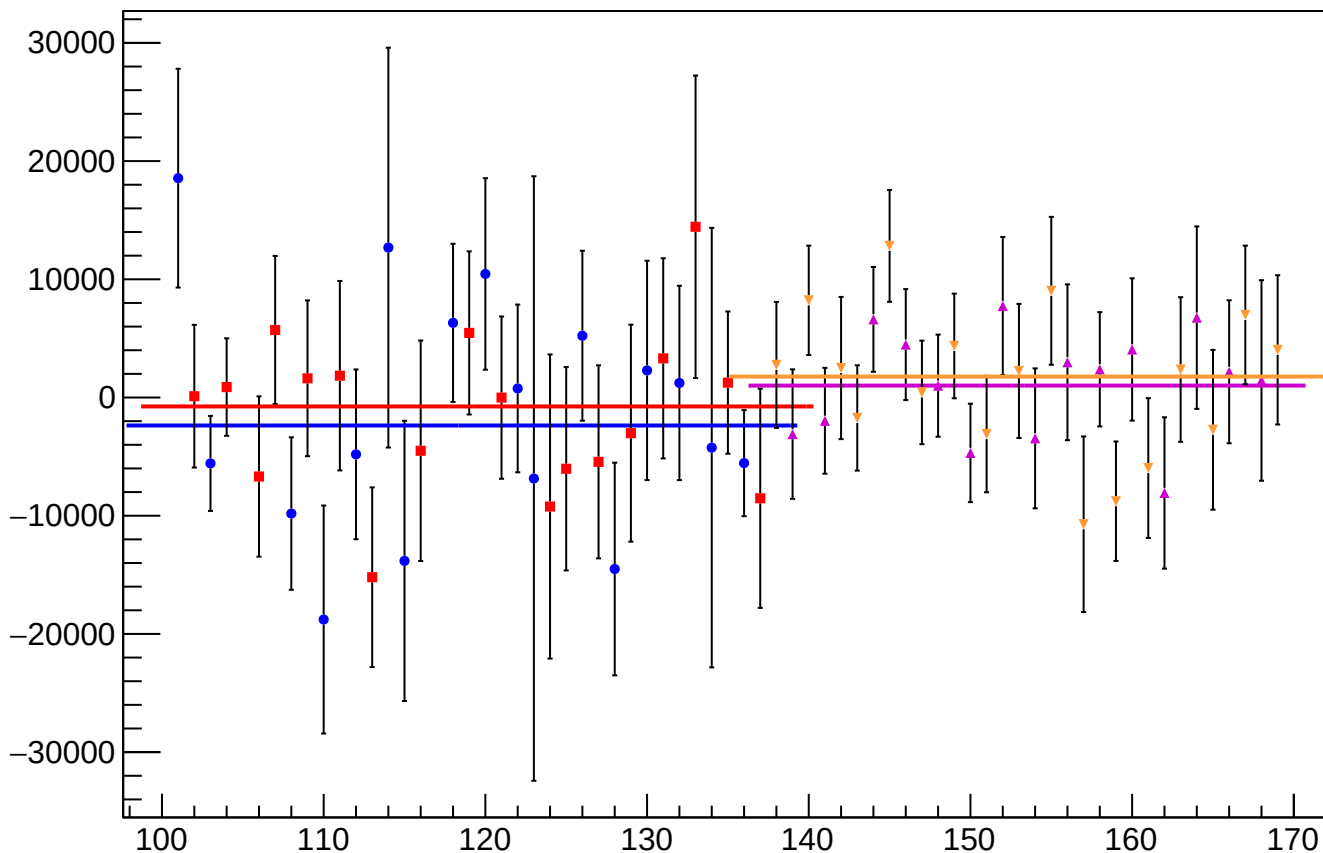
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4074.636 $\pm$ 0.689 χ^2 /NDF: 1863566.7/31

Out: 3871.843 $\pm$ 0.637 χ^2 /NDF: 2288174.0/34

All: 3965.233 $\pm$ 0.468 χ^2 /NDF: 4198481.3/66

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1772.981+/-1297.081 χ^2/NDF :21.1/16

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

Left In: 1008.070+/-1380.888 χ^2/NDF :10.0/14

Left: 1414.440+/-945.415 χ^2/NDF : 31.2/31

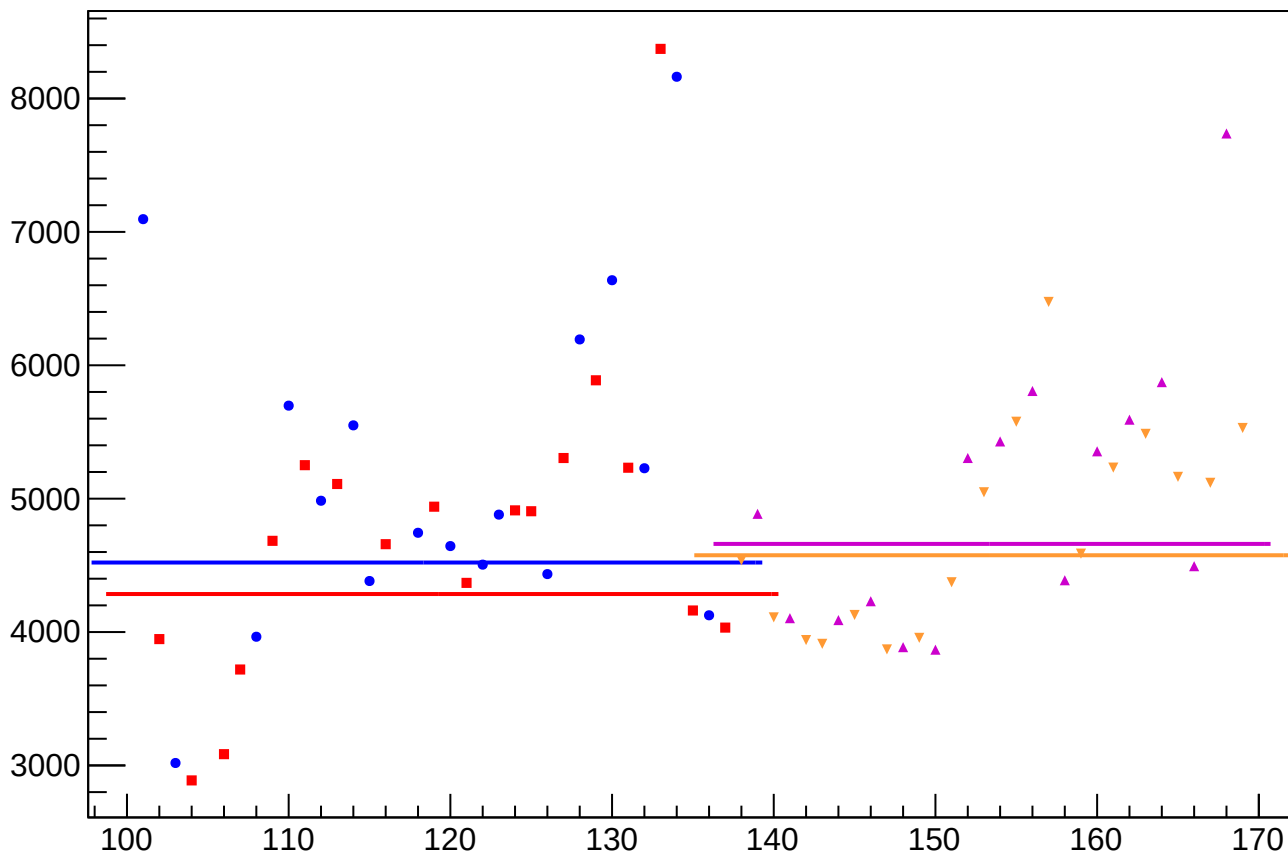
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -240.853+/-1096.058 χ^2/NDF :32.3/31

Out: 837.747+/-1029.655 χ^2/NDF :33.0/34

All: 332.107+/-750.454 χ^2/NDF : 65.8/66

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4575.764+/-0.917 χ^2/NDF : 542401.3/16

Right Out: 4285.069+/-1.191 χ^2/NDF : 746400.9/17

Left In: 4660.813+/-0.976 χ^2/NDF : 728974.0/14

Left: 4615.629+/-0.669 χ^2/NDF : 1275405.8/31

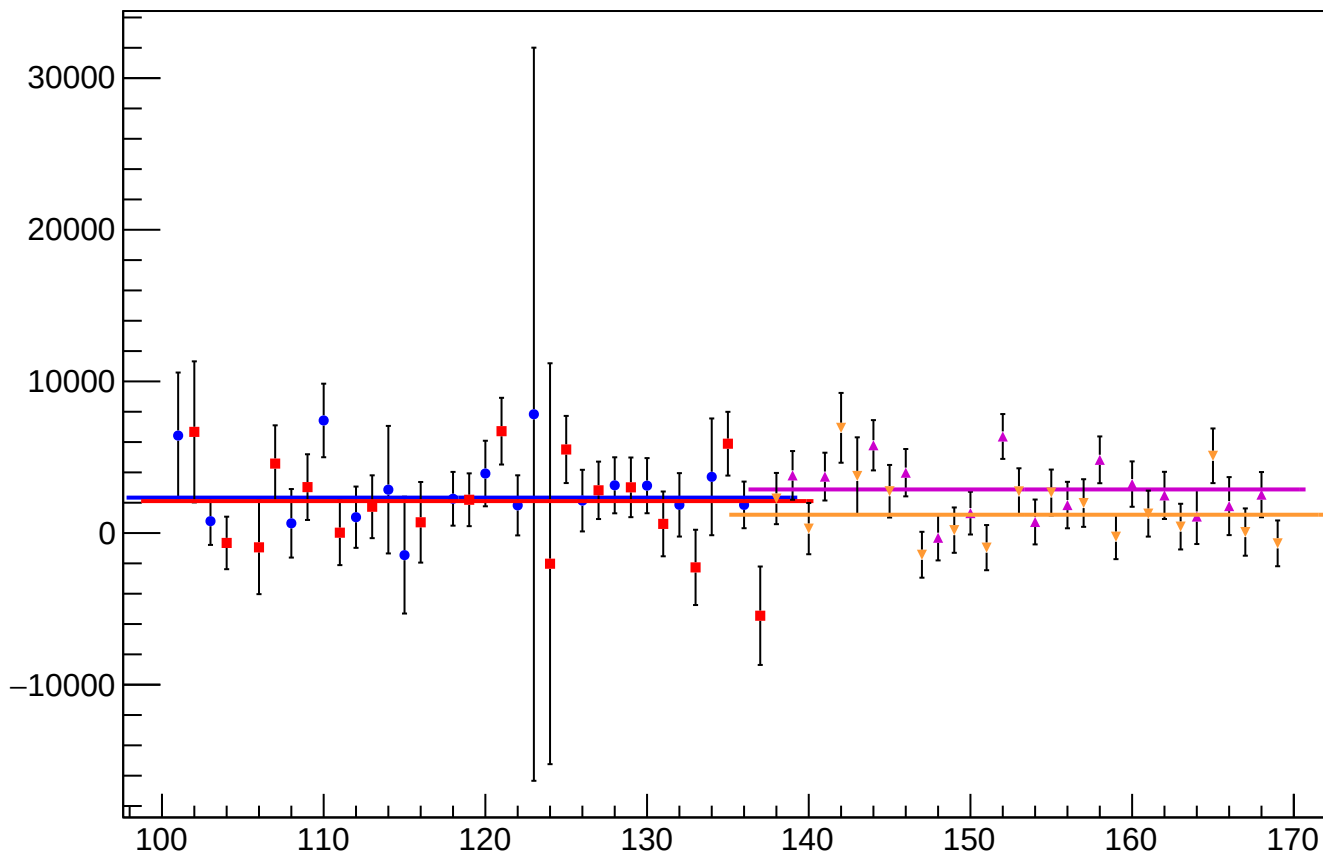
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4609.169+/-0.775 χ^2/NDF : 1515209.7/31

Out: 4467.495+/-0.727 χ^2/NDF : 1326216.4/34

All: 4533.765+/-0.530 χ^2/NDF : 2859210.9/66

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: 1208.328 $\pm$ 392.981 χ^2 /NDF: 24.5/16

Right Out: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

Left In: 2875.648 $\pm$ 402.827 χ^2 /NDF: 21.2/14

Left: 2021.363 $\pm$ 281.296 χ^2 /NDF: 54.5/31

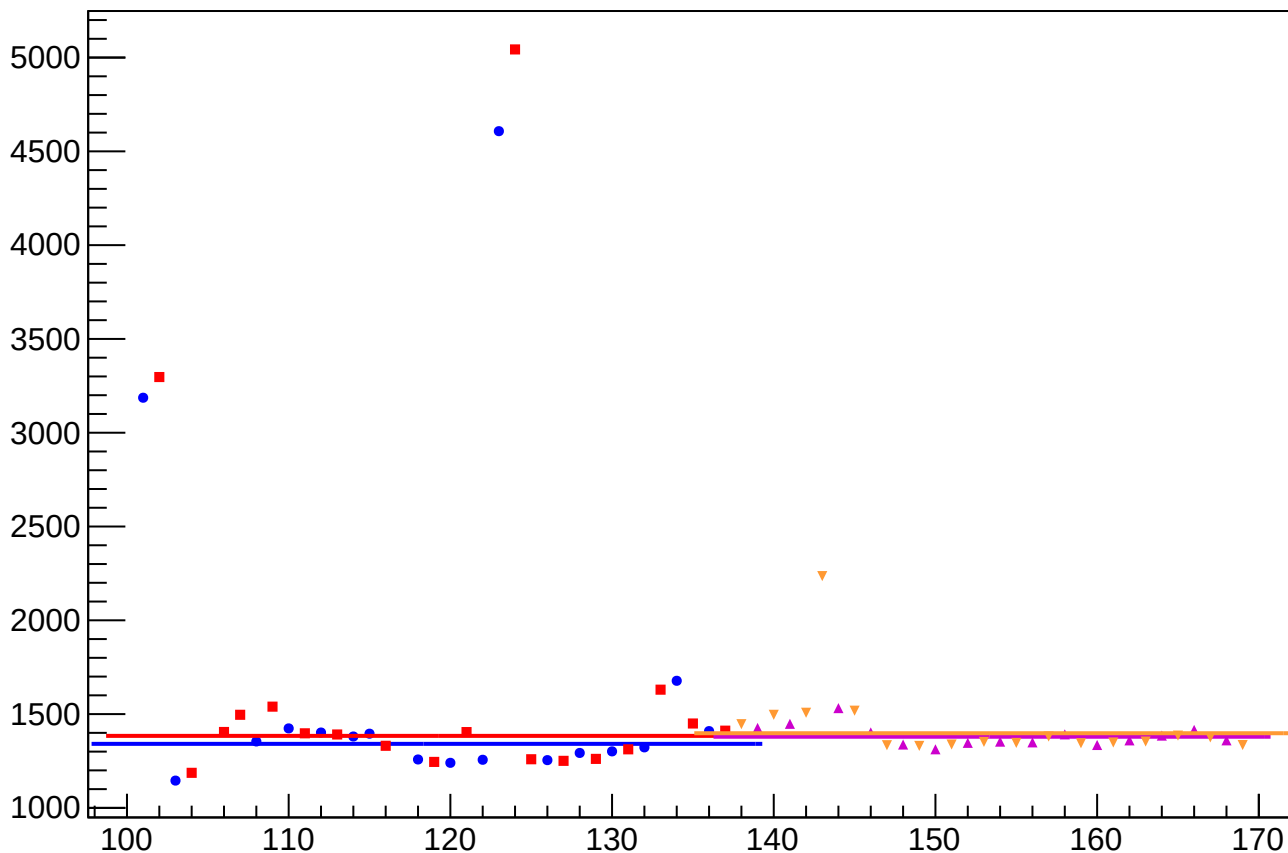
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2678.942 $\pm$ 320.958 χ^2 /NDF: 31.5/31

Out: 1519.816 $\pm$ 317.668 χ^2 /NDF: 52.7/34

All: 2093.407 $\pm$ 225.779 χ^2 /NDF: 90.7/66

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1398.004 $\pm$ 0.278 χ^2 /NDF: 264236.7/16

Right Out: 1383.916 $\pm$ 0.381 χ^2 /NDF: 593846.2/17

Left In: 1379.346 $\pm$ 0.285 χ^2 /NDF: 34562.5/14

Left: 1388.906 $\pm$ 0.199 χ^2 /NDF: 300997.7/31

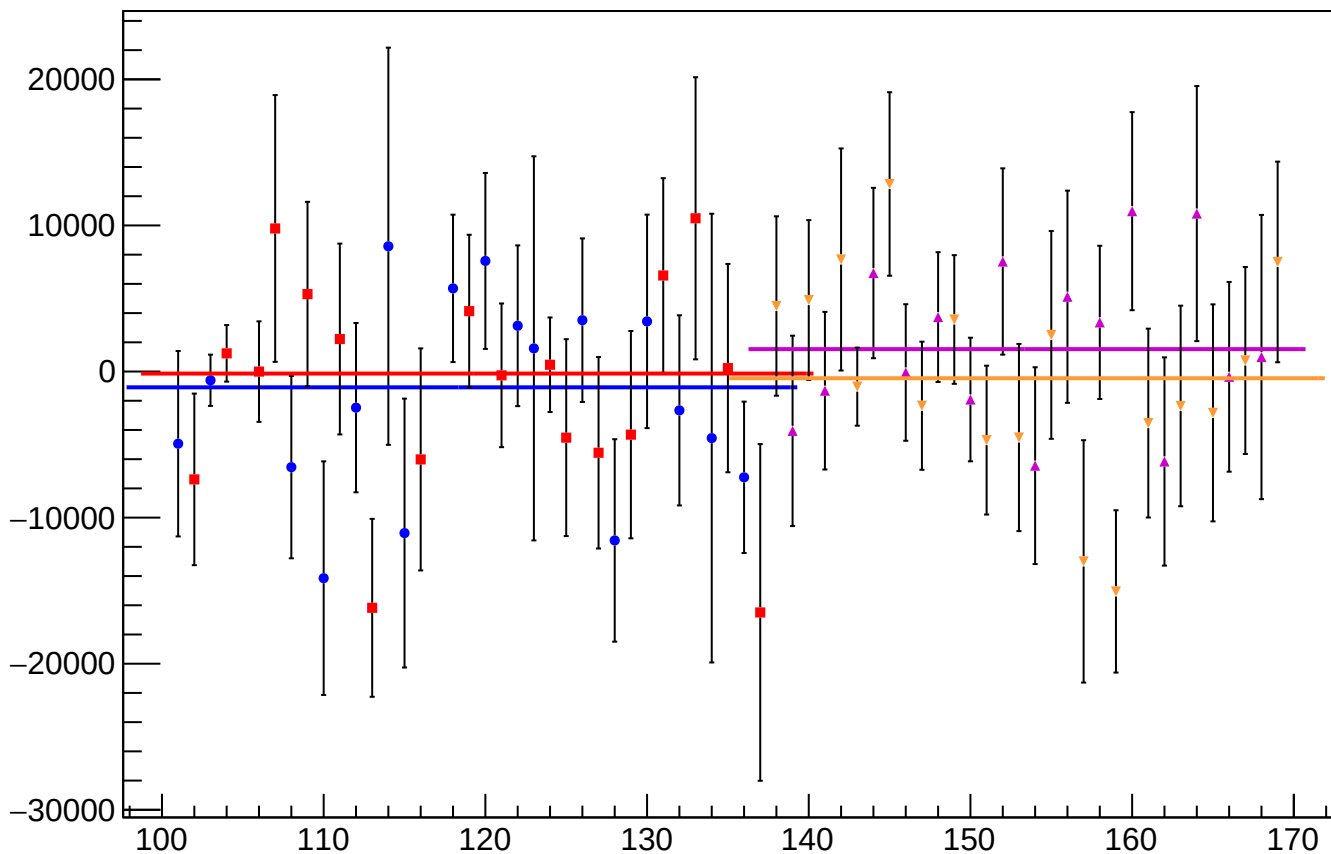
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1365.480 $\pm$ 0.227 χ^2 /NDF: 545324.1/31

Out: 1393.119 $\pm$ 0.225 χ^2 /NDF: 858974.1/34

All: 1379.444 $\pm$ 0.160 χ^2 /NDF: 1411791.5/60

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -458.935 ± 1308.057 $\chi^2/\text{NDF}: 20.5/16$

Right Out: -138.838 ± 1129.319 $\chi^2/\text{NDF}: 18.0/17$

Left In: 1534.110 ± 1524.135 $\chi^2/\text{NDF}: 9.8/14$

Left: 386.411 ± 992.618 $\chi^2/\text{NDF}: 31.3/31$

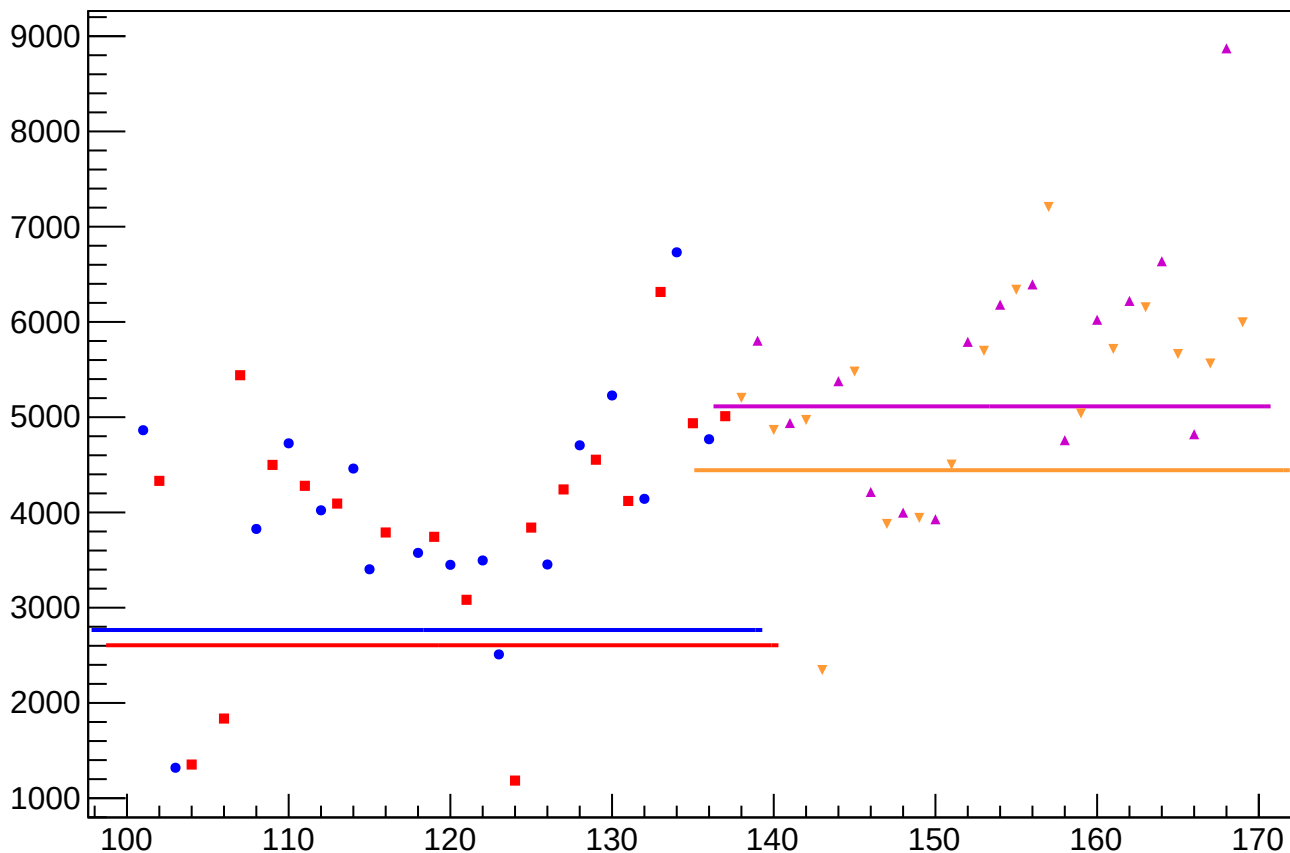
Right: -576.559 ± 826.355 $\chi^2/\text{NDF}: 33.3/34$

In: -67.574 ± 948.811 $\chi^2/\text{NDF}: 26.6/31$

Out: -275.539 ± 854.813 $\chi^2/\text{NDF}: 38.6/34$

All: -182.365 ± 635.084 $\chi^2/\text{NDF}: 65.2/66$

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: 4443.384+/-0.925 χ^2/NDF : 2279227.9/16

Right Out: 2605.528+/-0.799 χ^2/NDF : 3322334.9/17

Left In: 5113.683+/-1.078 χ^2/NDF : 977572.4/14

Left: 4727.690+/-0.702 χ^2/NDF : 3479556.8/31

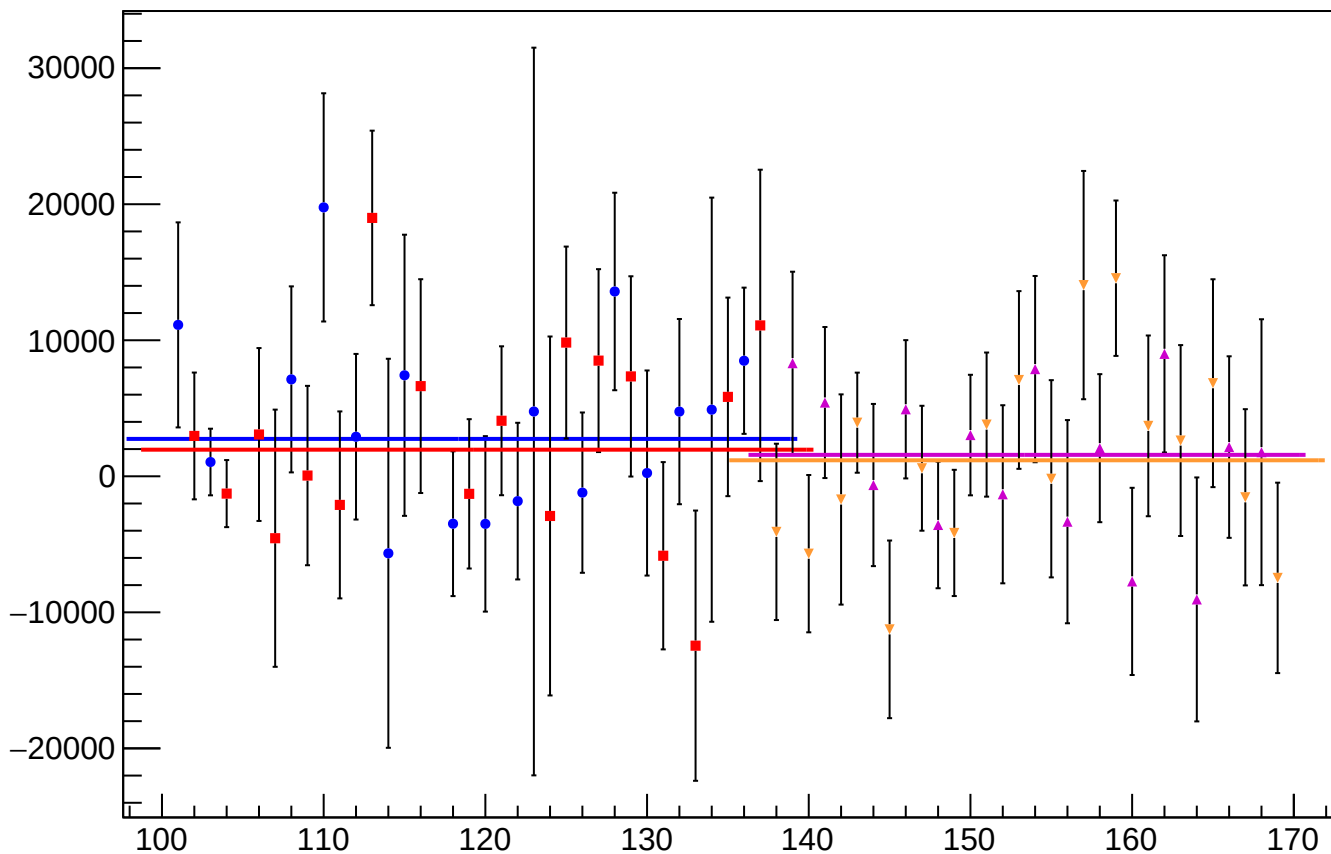
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 3675.651+/-0.671 χ^2/NDF : 6823619.1/31

Out: 3390.402+/-0.604 χ^2/NDF : 7863647.2/34

All: 3518.201+/-0.449 χ^2/NDF : 14787045.0/6

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: 1176.253+/-1430.013 χ^2/NDF : 19.1/16

Right Out: 1955.923+/-1384.301 χ^2/NDF : 17.8/17

Left In: 1576.027+/-1580.218 χ^2/NDF : 9.2/14

Left: 1356.242+/-1060.308 χ^2/NDF : 28.3/31

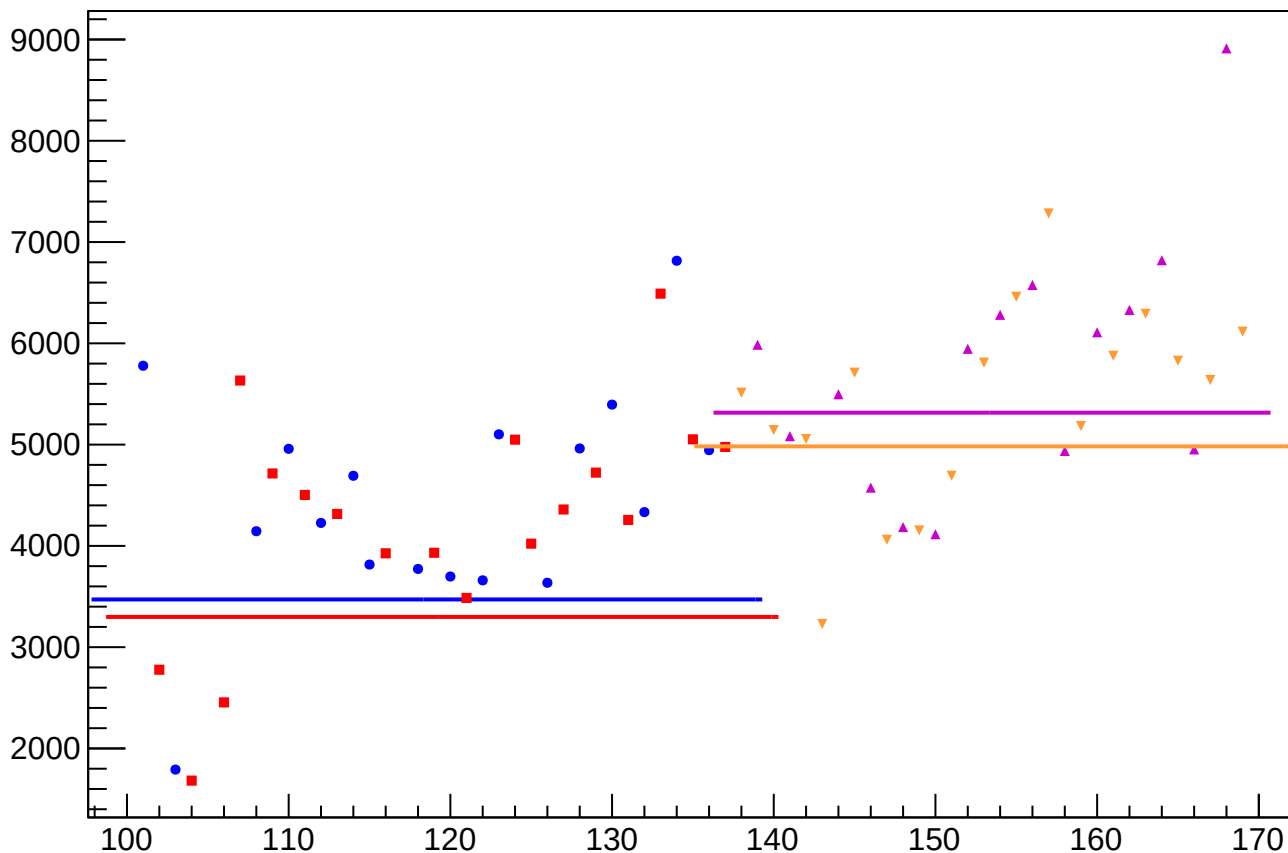
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2213.786+/-1067.032 χ^2/NDF : 23.2/31

Out: 1578.748+/-994.616 χ^2/NDF : 37.1/34

All: 1873.989+/-727.555 χ^2/NDF : 60.5/66

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: 4982.649+/-1.011 χ^2/NDF : 1115794.1/16

Right Out: 3298.657+/-0.970 χ^2/NDF : 1886021.8/17

Left In: 5315.329+/-1.117 χ^2/NDF : 856235.9/14

Left: 5132.430+/-0.750 χ^2/NDF : 2020764.3/31

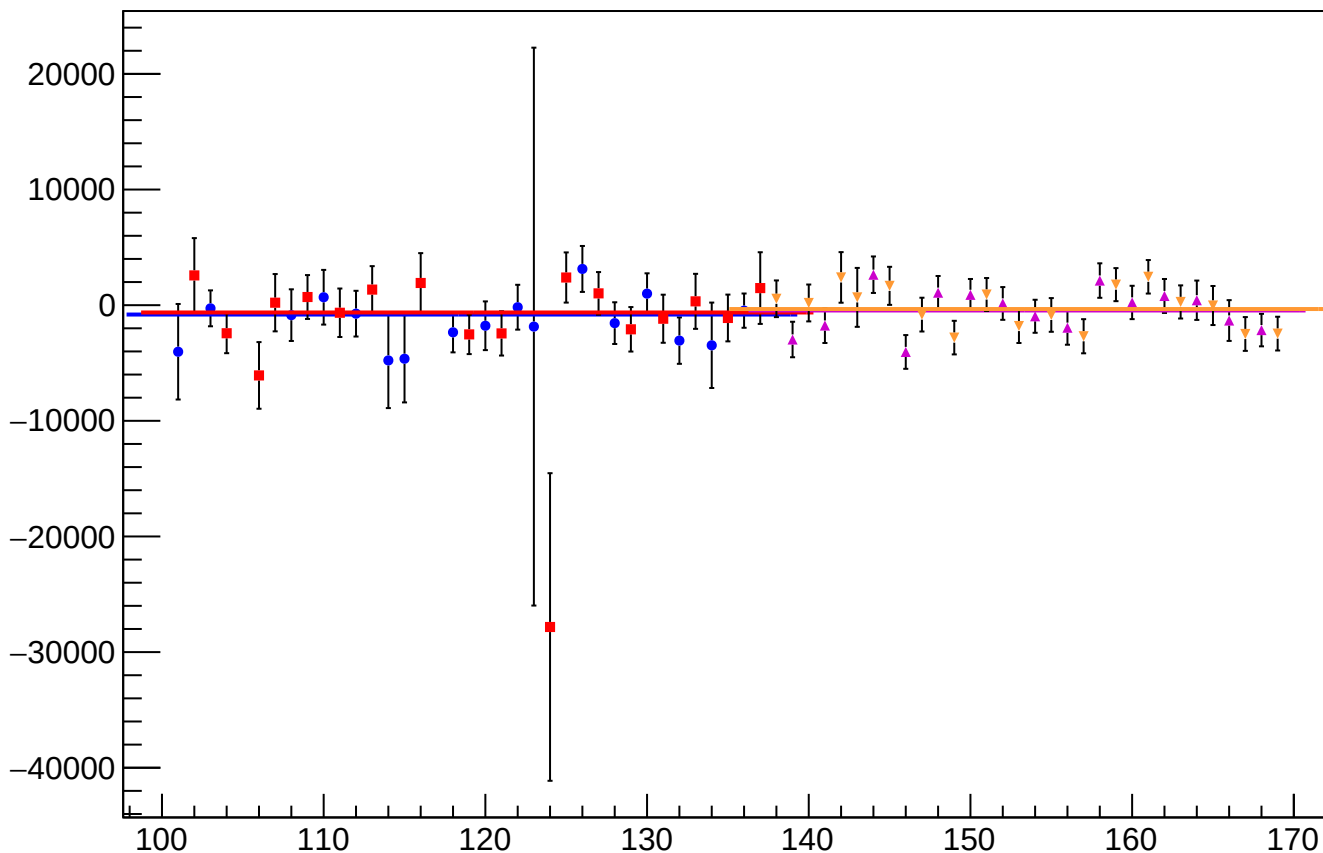
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4311.991+/-0.754 χ^2/NDF : 4106119.4/31

Out: 4105.560+/-0.700 χ^2/NDF : 4446370.6/34

All: 4201.044+/-0.513 χ^2/NDF : 8592722.6/66

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: -333.212 $\pm$ 375.474 χ^2 /NDF:21.5/16

Right Out: -630.651 $\pm$ 514.931 χ^2 /NDF: 18.6/17

Left In: -457.280 $\pm$ 384.487 χ^2 /NDF:22.7/14

Left: -393.775 $\pm$ 268.630 χ^2 /NDF: 44.2/31

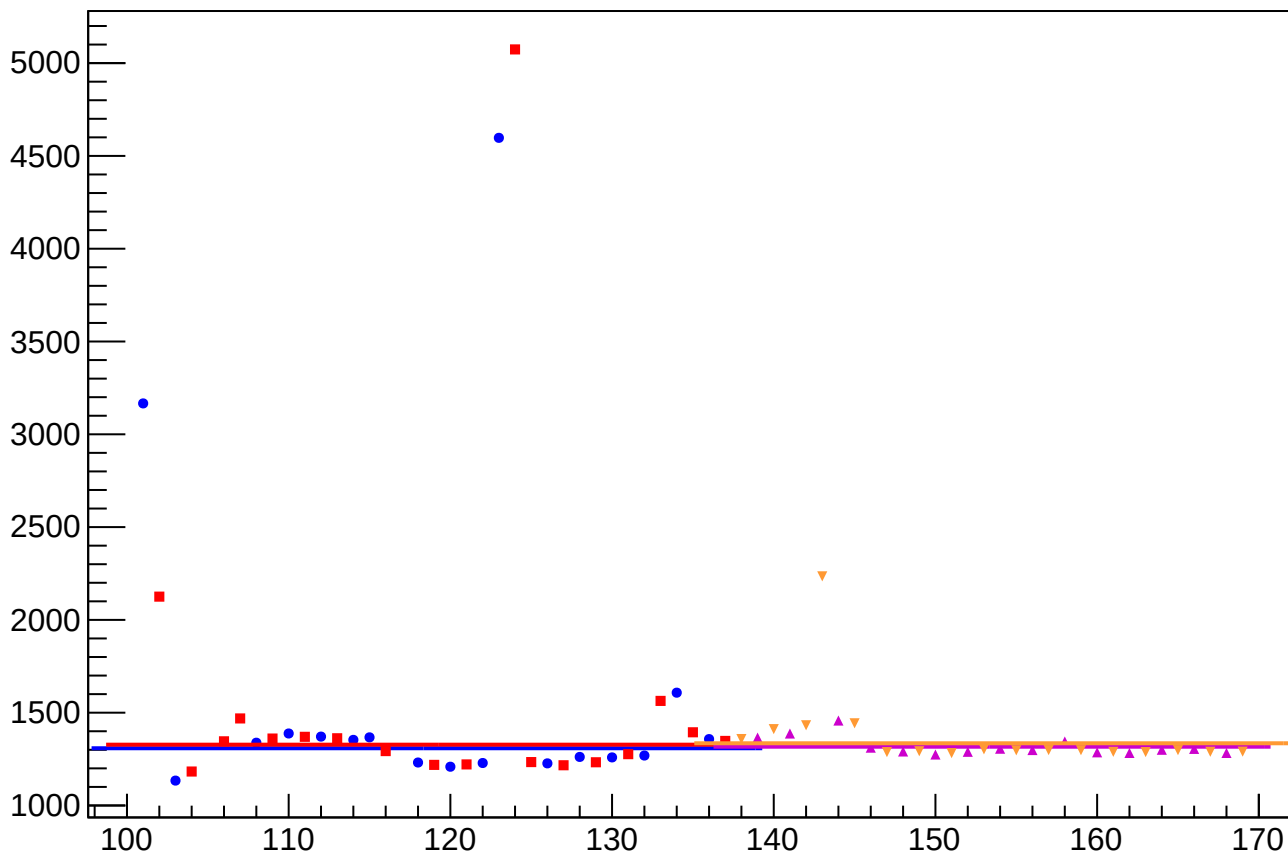
Right: -719.271 $\pm$ 365.258 χ^2 /NDF: 29.8/34

In: -582.168 $\pm$ 308.774 χ^2 /NDF:34.2/31

Out: -436.462 $\pm$ 303.385 χ^2 /NDF:40.2/34

All: -508.032 $\pm$ 216.406 χ^2 /NDF: 74.5/66

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1335.176+/-0.266 χ^2/NDF : 287376.3/16

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

Left In: 1316.744+/-0.272 χ^2/NDF : 30191.6/14

Left: 1326.179+/-0.190 χ^2/NDF : 319920.6/31

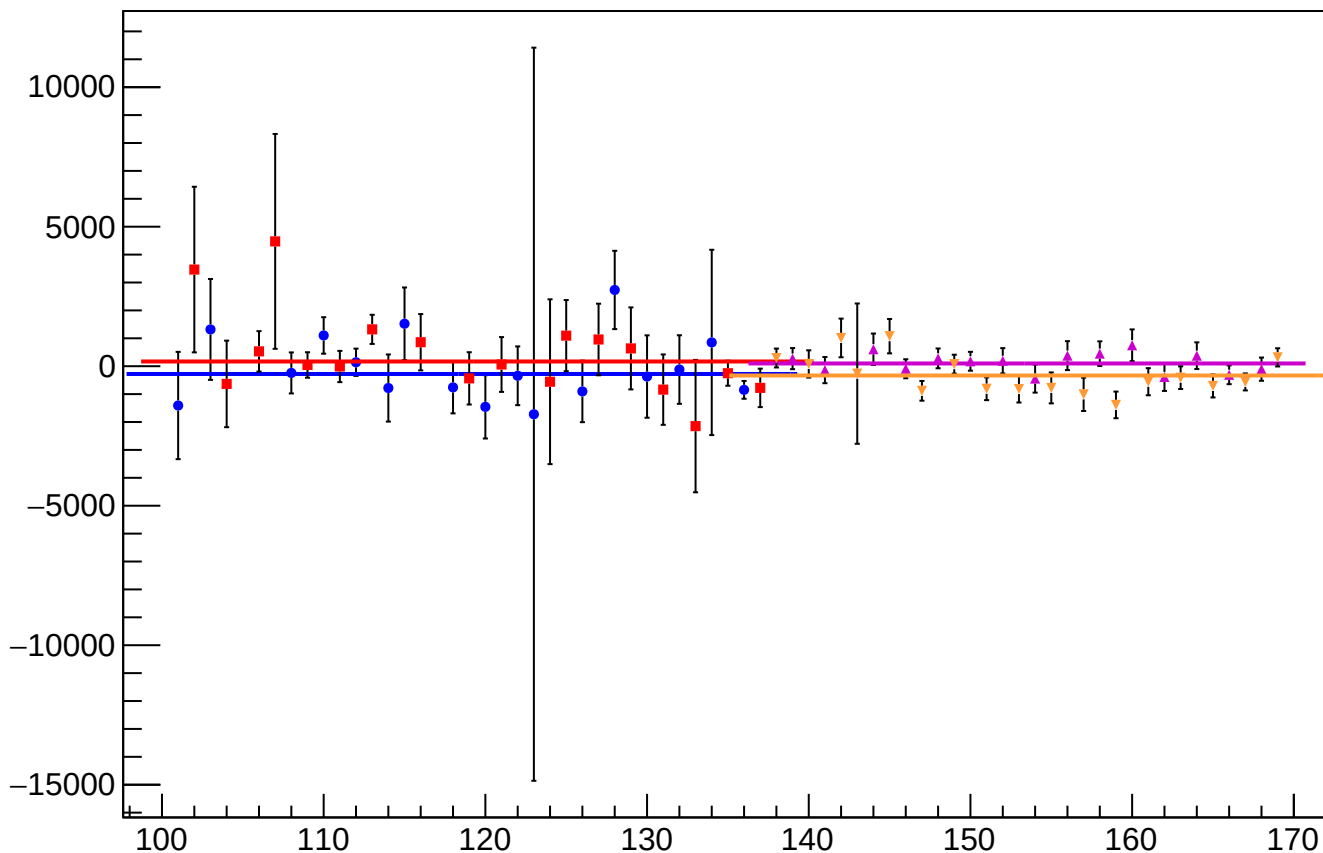
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1313.770+/-0.218 χ^2/NDF : 537073.8/31

Out: 1332.562+/-0.215 χ^2/NDF : 644986.1/34

All: 1323.331+/-0.153 χ^2/NDF : 1185829.4/66

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -332.805 ± 104.391 χ^2/NDF : 31.8/16

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

Left In: 97.980 ± 109.286 χ^2/NDF : 8.3/14

Left: -127.276 ± 75.487 χ^2/NDF : 48.3/31

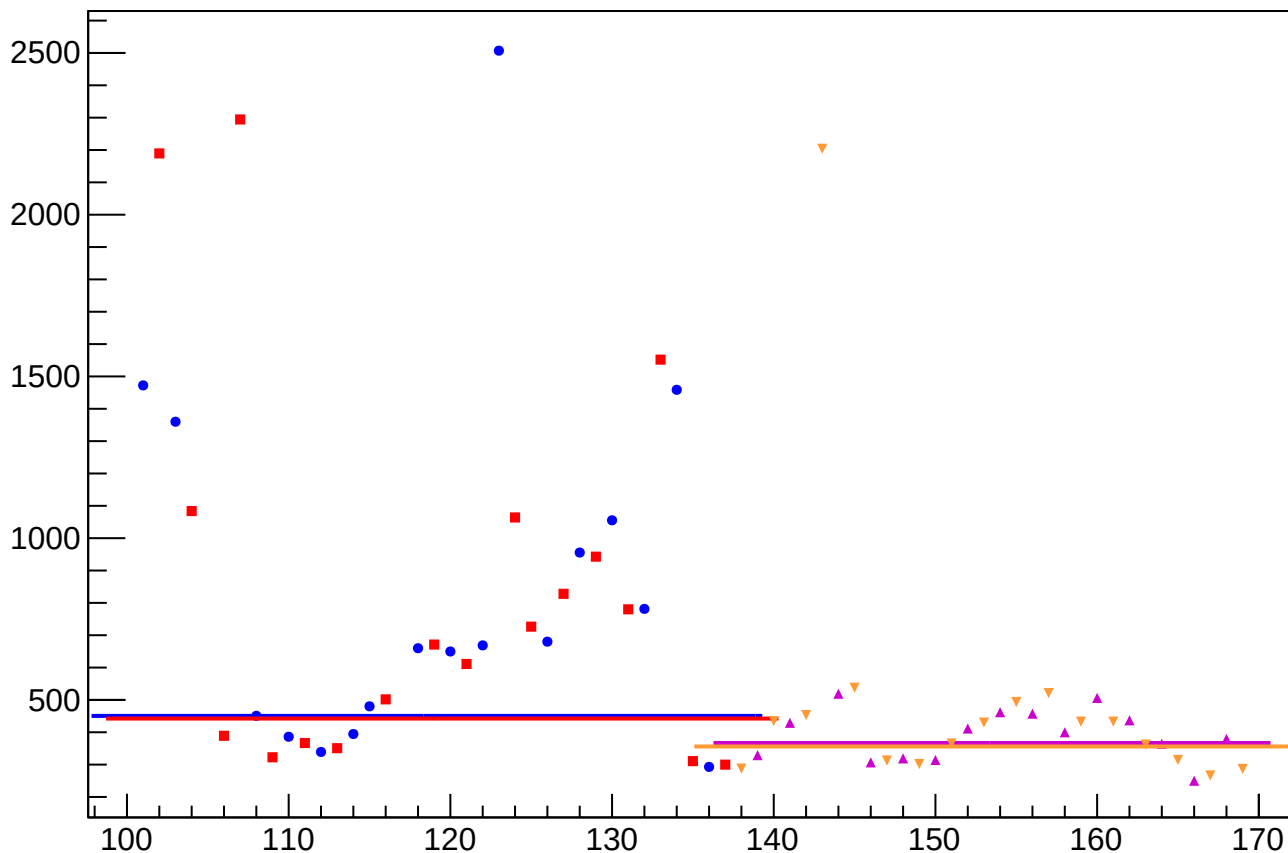
Right: -48.085 ± 138.058 χ^2/NDF : 35.0/34

In: 10.103 ± 95.693 χ^2/NDF : 29.1/31

Out: -218.621 ± 91.765 χ^2/NDF : 51.5/34

All: -109.050 ± 66.233 χ^2/NDF : 83.6/66

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: 356.062 $\pm$ 0.074 χ^2 /NDF: 2219285.1/16

Right Out: 442.368 $\pm$ 0.136 χ^2 /NDF: 3368329.0/17

Left In: 366.808 $\pm$ 0.077 χ^2 /NDF: 911766.0/14

Left: 361.189 $\pm$ 0.053 χ^2 /NDF: 3141161.4/31

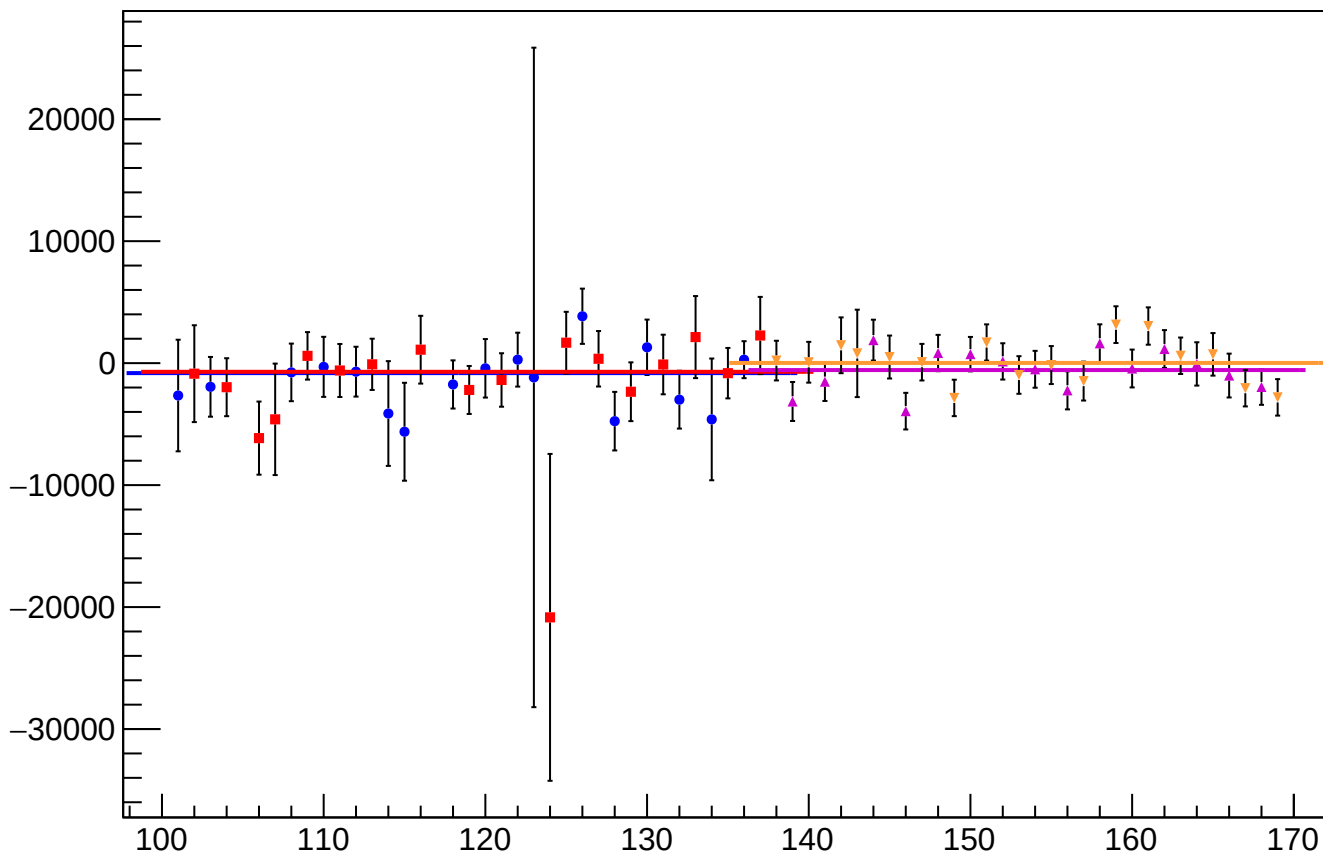
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 386.354 $\pm$ 0.068 χ^2 /NDF: 4183755.4/31

Out: 375.677 $\pm$ 0.065 χ^2 /NDF: 5898302.6/34

All: 380.792 $\pm$ 0.047 χ^2 /NDF: 10095029.6/60

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: 16.657 ± 394.134 χ^2/NDF : 20.9/16

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

Left In: -567.782 ± 402.166 χ^2/NDF : 17.5/14

Left: -269.668 ± 281.491 χ^2/NDF : 39.4/31

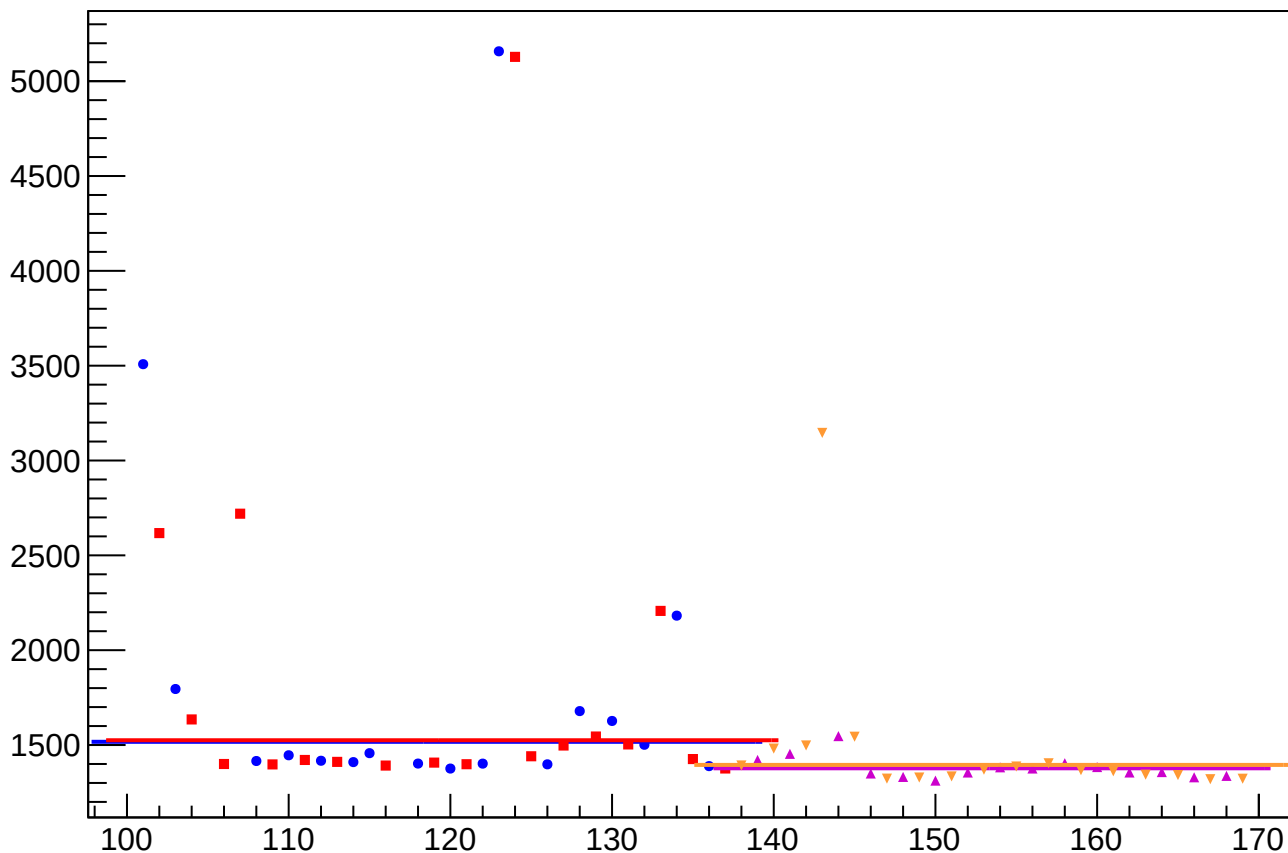
Right: -763.412 ± 423.268 χ^2/NDF : 24.1/34

In: -644.869 ± 334.263 χ^2/NDF : 30.3/31

Out: -204.589 ± 328.762 χ^2/NDF : 33.3/34

All: -421.077 ± 234.390 χ^2/NDF : 64.5/66

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1395.101 $\pm$ 0.279 χ^2 /NDF: 529083.3/16

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1377.236 $\pm$ 0.284 χ^2 /NDF: 38116.4/14

Left: 1386.349 $\pm$ 0.199 χ^2 /NDF: 569212.9/31

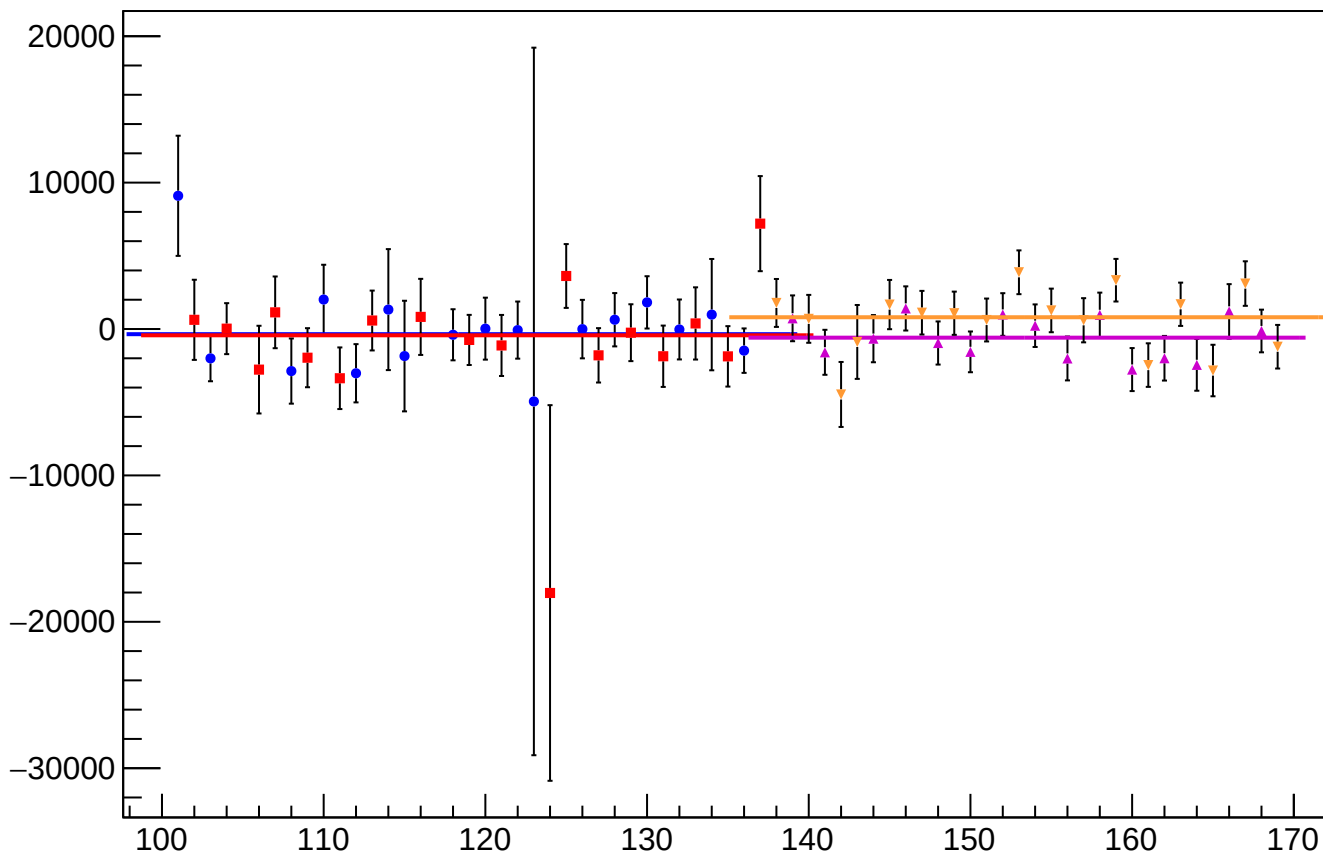
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1420.428 $\pm$ 0.236 χ^2 /NDF: 653769.7/31

Out: 1434.649 $\pm$ 0.232 χ^2 /NDF: 1167203.2/34

All: 1427.656 $\pm$ 0.166 χ^2 /NDF: 1822812.8/66

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: 803.758+/-384.617 χ^2/NDF : 27.7/16

Right Out: -429.167+/-522.342 χ^2/NDF : 16.8/17

Left In: -591.427+/-394.389 χ^2/NDF : 12.1/14

Left: 123.665+/-275.355 χ^2/NDF : 46.2/31

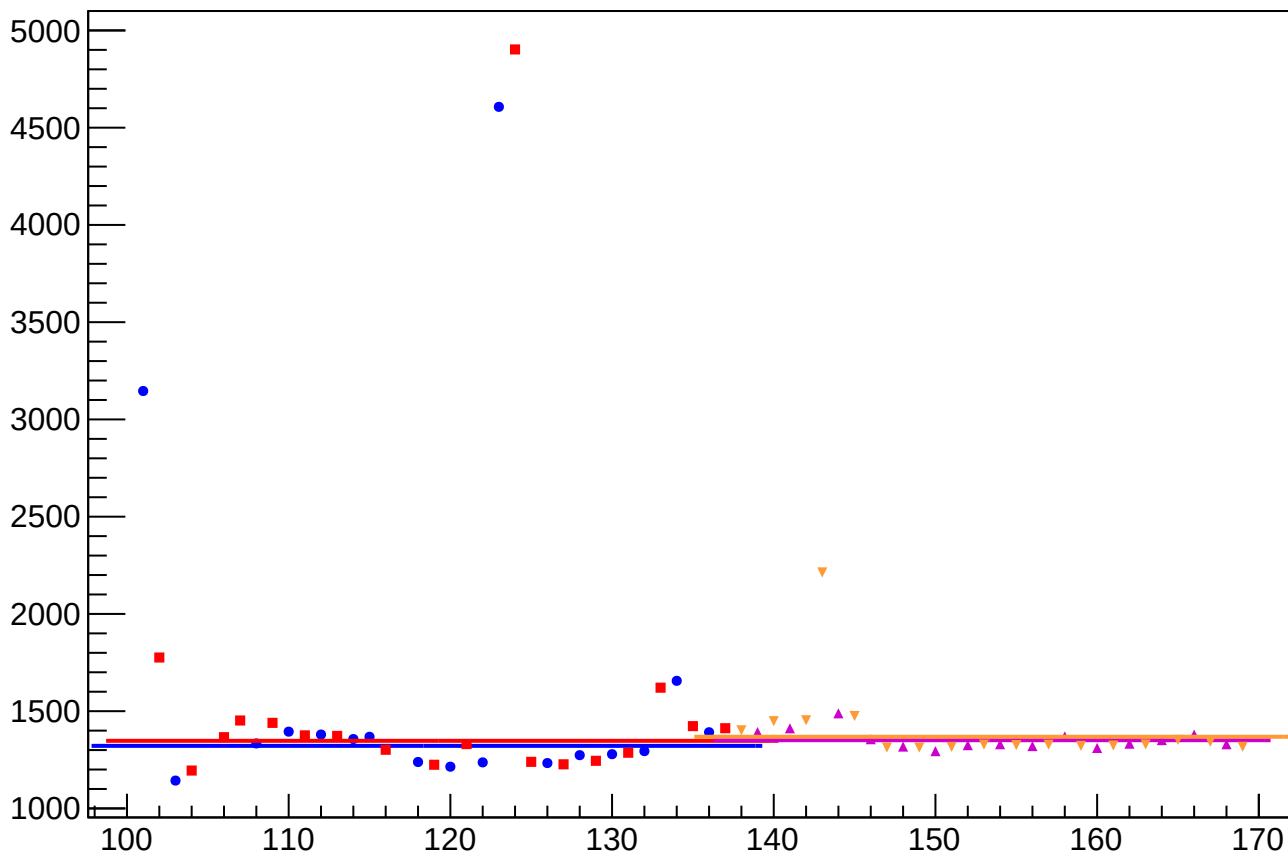
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -505.111+/-314.963 χ^2/NDF : 25.6/31

Out: 370.300+/-309.713 χ^2/NDF : 48.2/34

All: -60.050+/-220.833 χ^2/NDF : 77.7/66

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1368.450+/-0.272 χ^2/NDF : 261852.3/16

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1350.797+/-0.279 χ^2/NDF : 28373.9/14

Left: 1359.845+/-0.195 χ^2/NDF : 292280.1/31

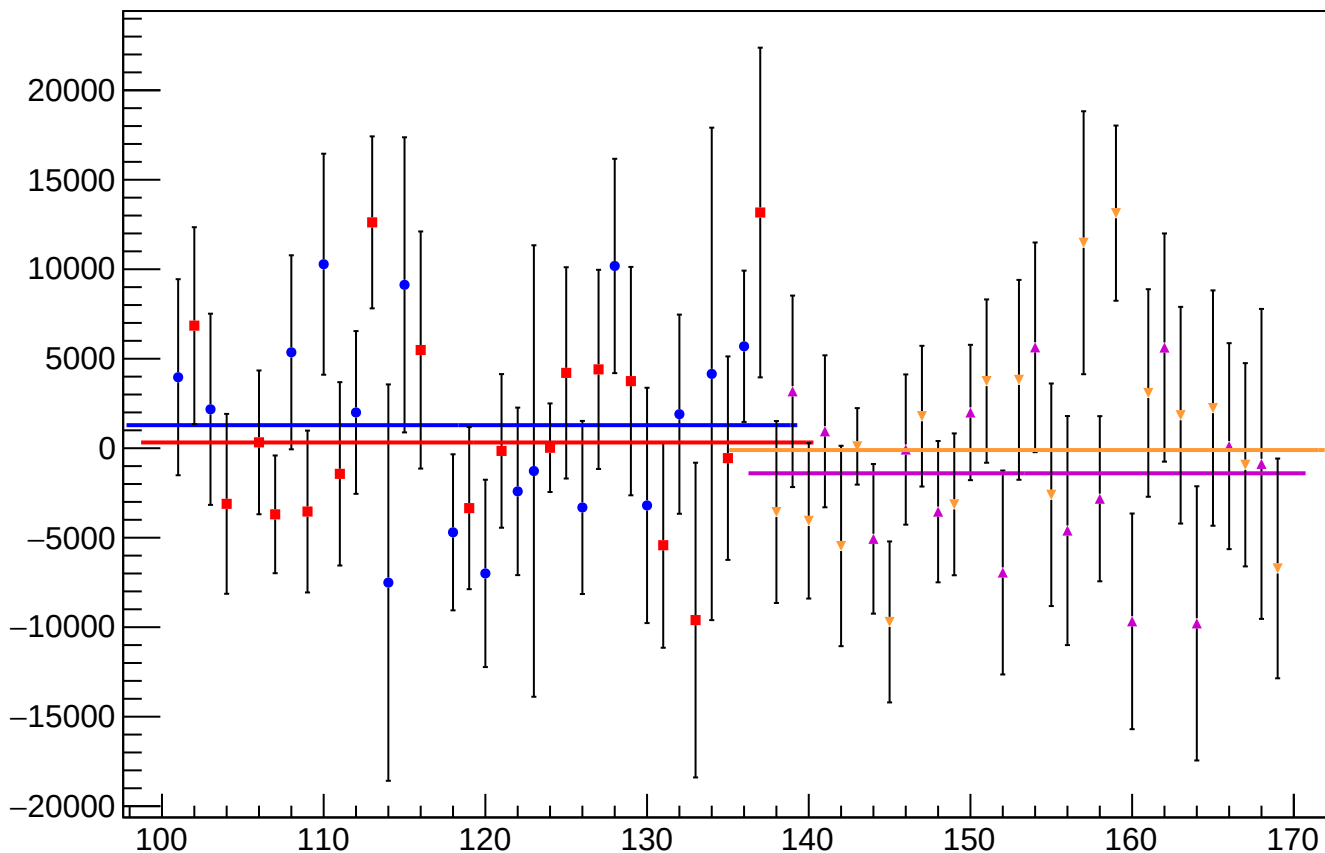
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1340.258+/-0.223 χ^2/NDF : 534562.2/31

Out: 1361.131+/-0.219 χ^2/NDF : 550212.2/34

All: 1350.872+/-0.156 χ^2/NDF : 1089240.9/66

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: -103.300+/-1101.482 χ^2/NDF :20.5/16

Right Out: 321.508+/-1105.580 χ^2/NDF : 17.6/17

Left In: -1400.490+/-1310.142 χ^2/NDF :10.1/14

Left: -640.493+/-843.105 χ^2/NDF : 31.2/31

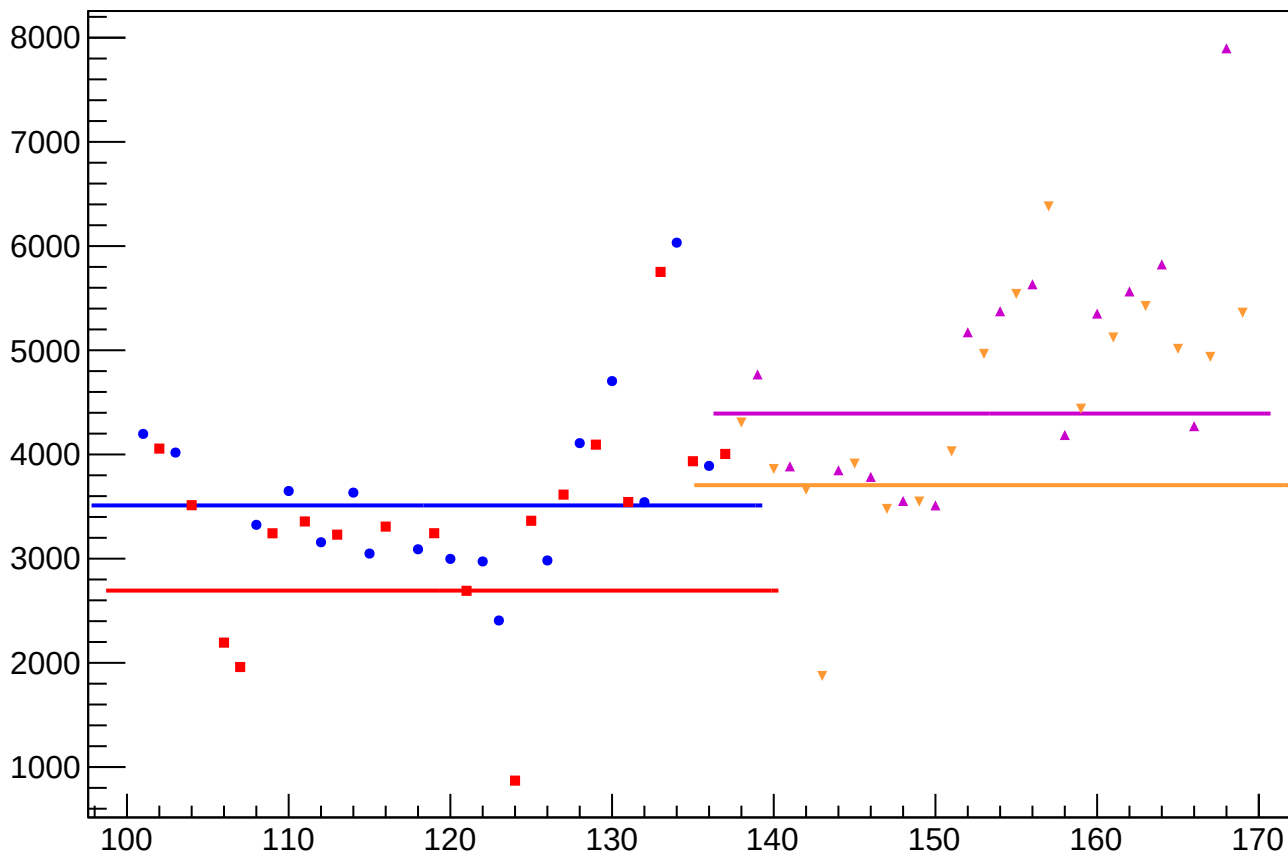
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: -122.218+/-948.790 χ^2/NDF :26.4/31

Out: 108.315+/-780.310 χ^2/NDF :38.1/34

All: 15.300+/-602.671 χ^2/NDF : 64.6/66

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: 3705.234 $\pm$ 0.779 χ^2 /NDF: 2707743.1/16

Right Out: 2693.503 $\pm$ 0.782 χ^2 /NDF: 2125842.2/17

Left In: 4392.672 $\pm$ 0.926 χ^2 /NDF: 1002733.7/14

Left: 3989.916 $\pm$ 0.596 χ^2 /NDF: 4033080.1/31

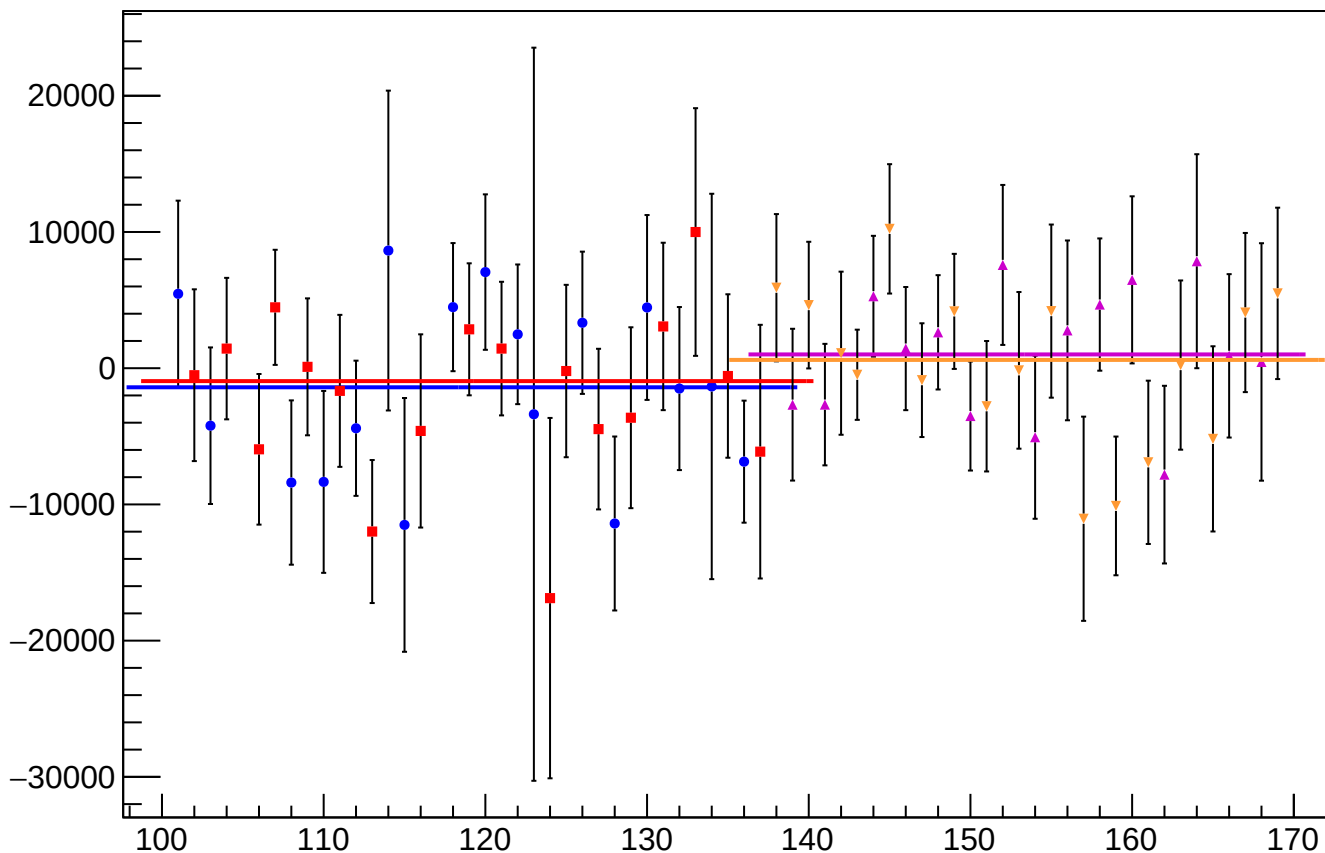
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3973.297 $\pm$ 0.671 χ^2 /NDF: 1777713.3/31

Out: 3201.247 $\pm$ 0.552 χ^2 /NDF: 5674127.3/34

All: 3512.752 $\pm$ 0.426 χ^2 /NDF: 8241803.8/66

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 608.638+/-1247.743 χ^2/NDF : 17.7/16

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

Left In: 1011.481+/-1372.278 χ^2/NDF : 9.8/14

Left: 790.955+/-923.182 χ^2/NDF : 27.6/31

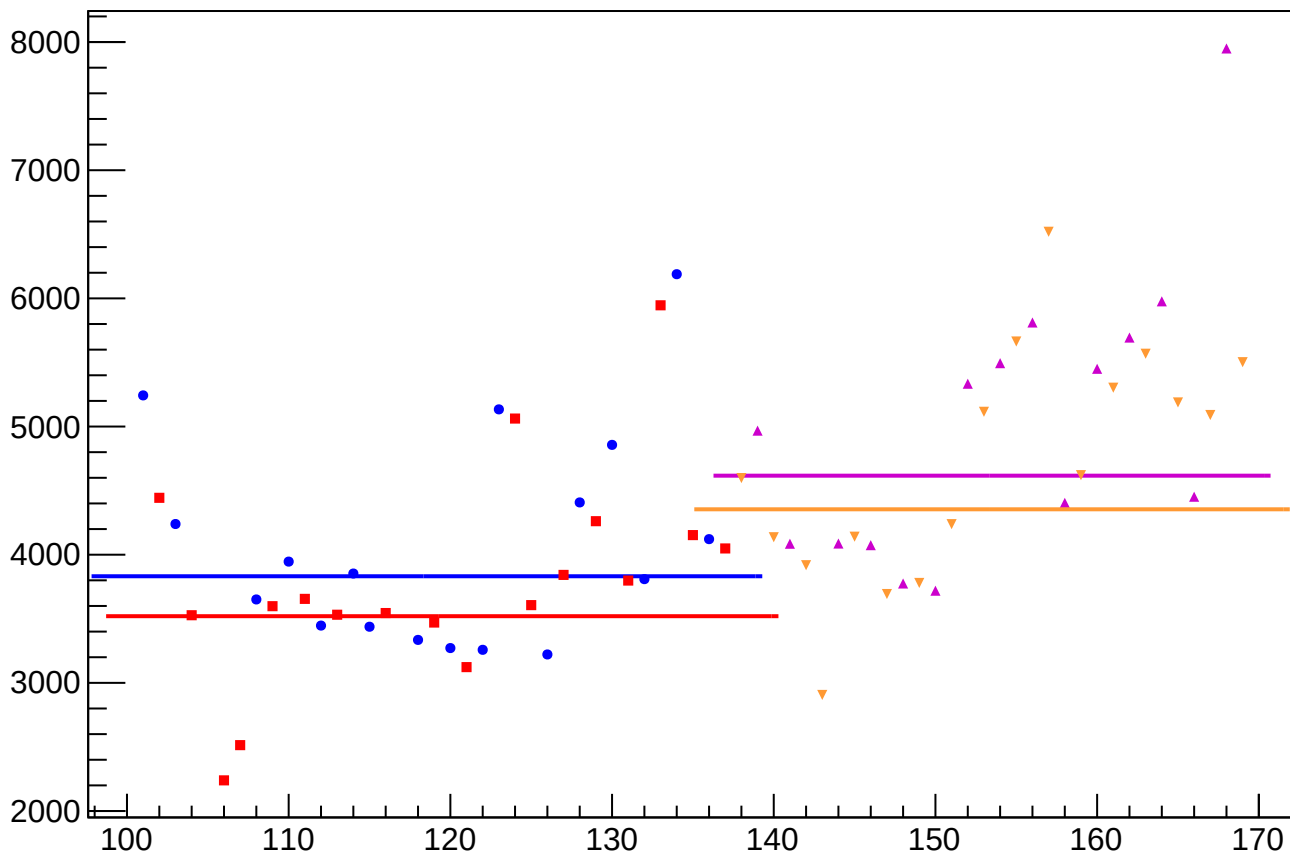
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -84.590+/-1013.768 χ^2/NDF : 27.0/31

Out: -90.003+/-926.338 χ^2/NDF : 30.9/34

All: -87.540+/-683.844 χ^2/NDF : 57.9/66

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: 4354.235+/-0.882 χ^2/NDF : 1041548.4/16

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

Left In: 4616.627+/-0.970 χ^2/NDF : 862375.6/14

Left: 4472.987+/-0.653 χ^2/NDF : 1943952.6/31

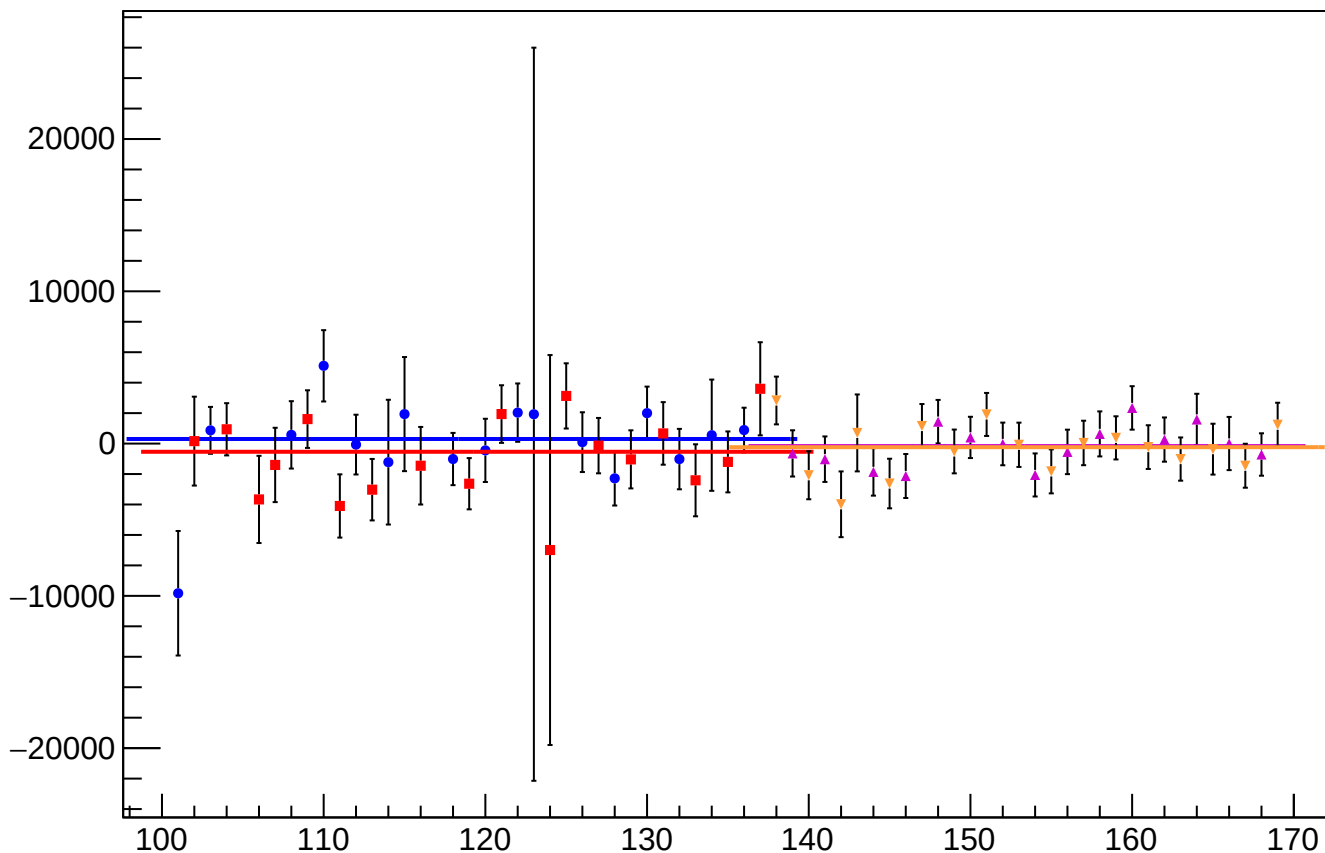
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4260.117+/-0.717 χ^2/NDF : 1497236.3/31

Out: 3976.102+/-0.652 χ^2/NDF : 1990841.5/34

All: 4104.755+/-0.482 χ^2/NDF : 3573949.5/66

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -237.310 ± 371.618 χ^2/NDF : 17.3/16

Right Out: -537.727 ± 508.684 χ^2/NDF : 17.5/17

Left In: -165.585 ± 380.537 χ^2/NDF : 11.5/14

Left: -202.298 ± 265.871 χ^2/NDF : 28.8/31

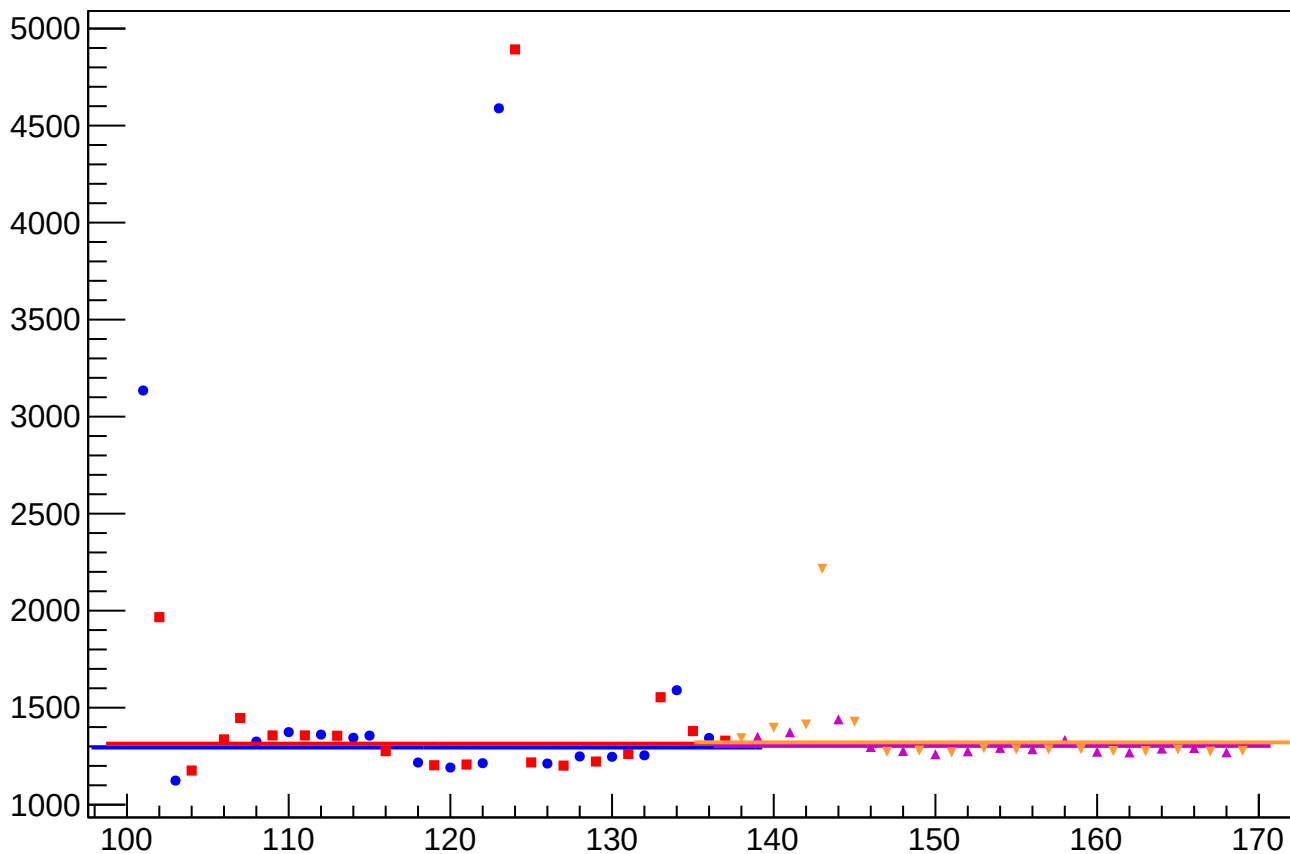
Right: -121.291 ± 361.152 χ^2/NDF : 34.9/34

In: 0.439 ± 305.595 χ^2/NDF : 28.1/31

Out: -341.849 ± 300.073 χ^2/NDF : 35.0/34

All: -173.826 ± 214.109 χ^2/NDF : 63.7/66

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1321.372+/-0.263 χ^2/NDF : 288011.1/16

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

Left In: 1303.198+/-0.269 χ^2/NDF : 29765.4/14

Left: 1312.501+/-0.188 χ^2/NDF : 320111.5/31

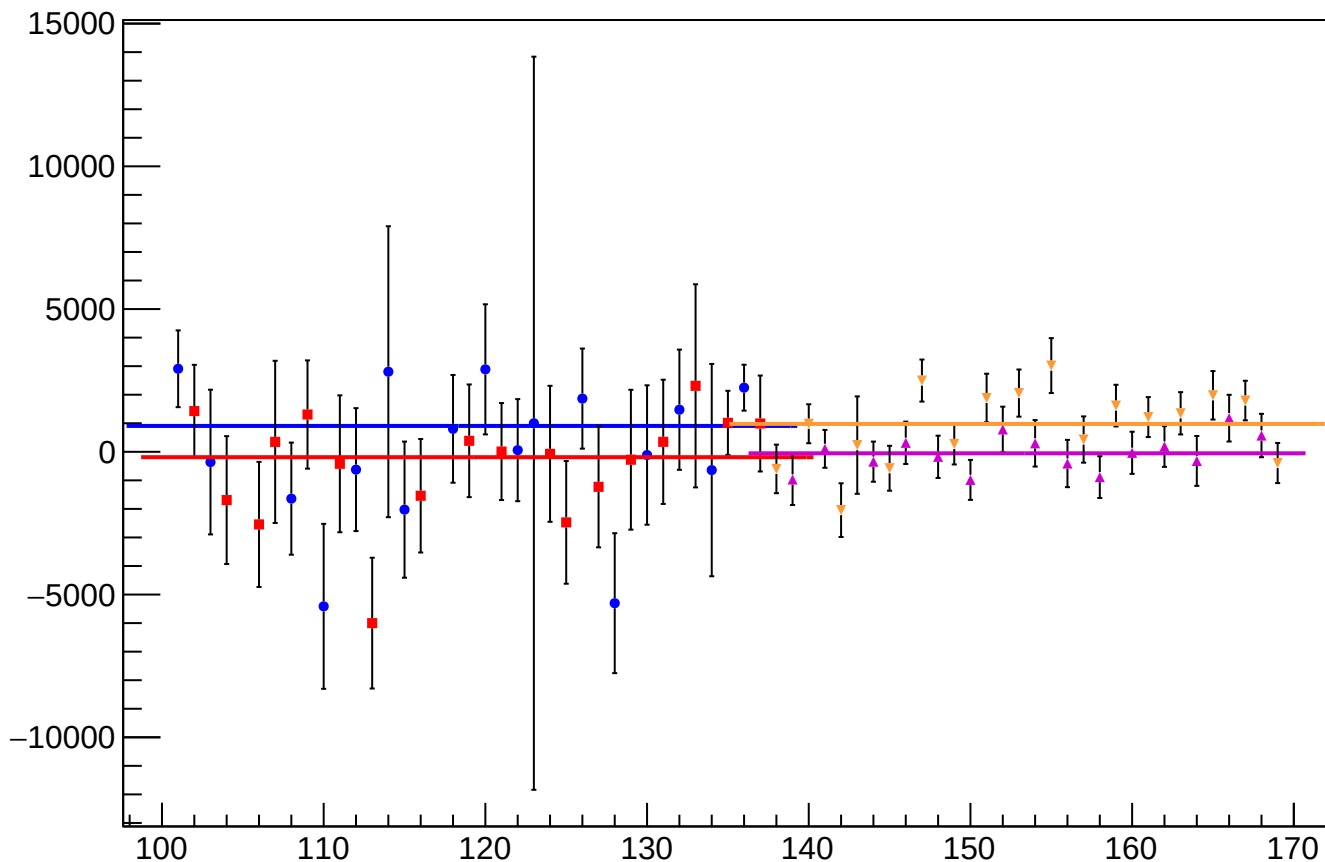
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1300.191+/-0.216 χ^2/NDF : 537921.1/31

Out: 1319.012+/-0.212 χ^2/NDF : 622081.7/34

All: 1309.773+/-0.151 χ^2/NDF : 1163864.8/66

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: 977.284 $\pm$ 192.147 χ^2 /NDF:38.6/16

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -52.097 $\pm$ 196.192 χ^2 /NDF:9.2/14

Left: 473.314 $\pm$ 137.276 χ^2 /NDF: 61.9/31

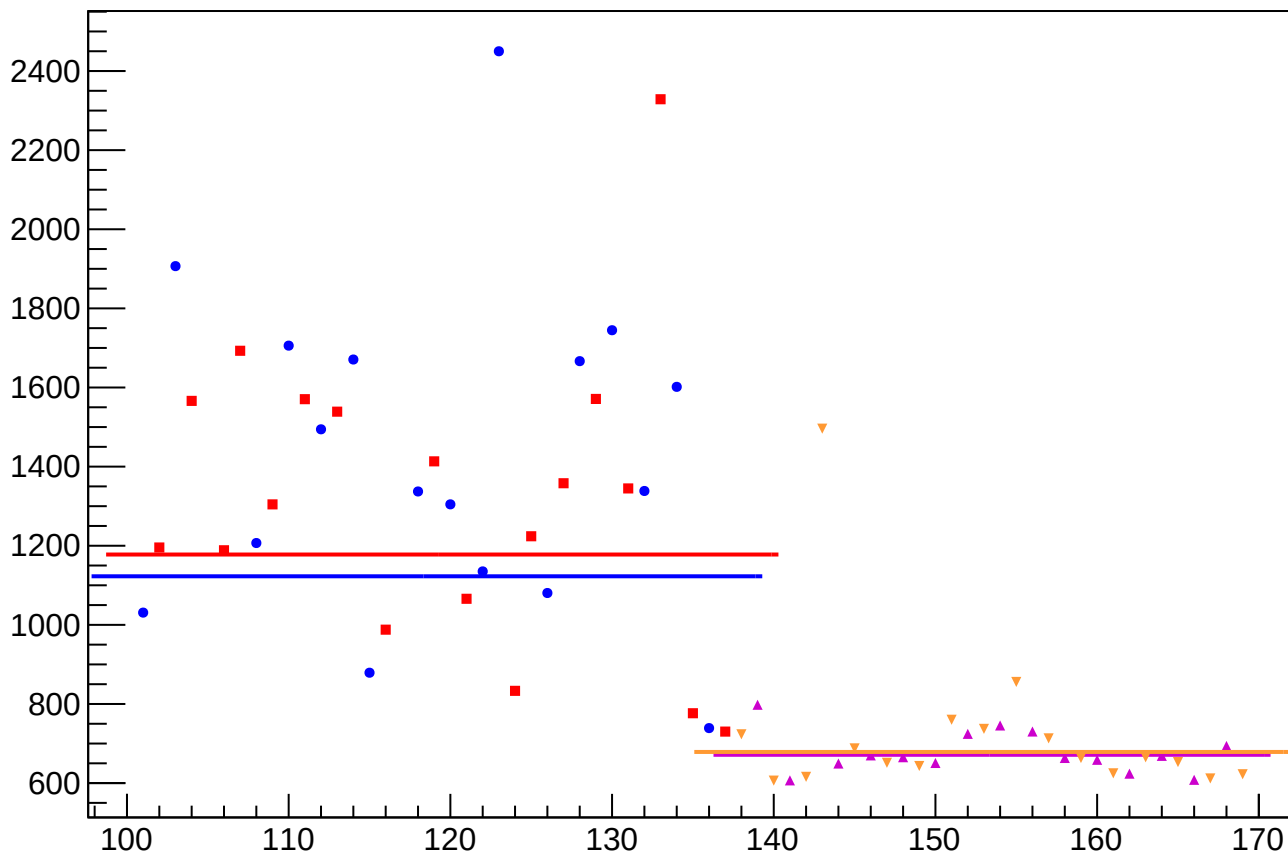
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 97.751 $\pm$ 180.209 χ^2 /NDF:34.9/31

Out: 807.017 $\pm$ 177.557 χ^2 /NDF:57.8/34

All: 457.642 $\pm$ 126.479 χ^2 /NDF: 100.6/66

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: 678.736+/-0.136 χ^2/NDF : 649840.3/16

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 671.544+/-0.139 χ^2/NDF : 121816.9/14

Left: 675.215+/-0.097 χ^2/NDF : 773029.0/31

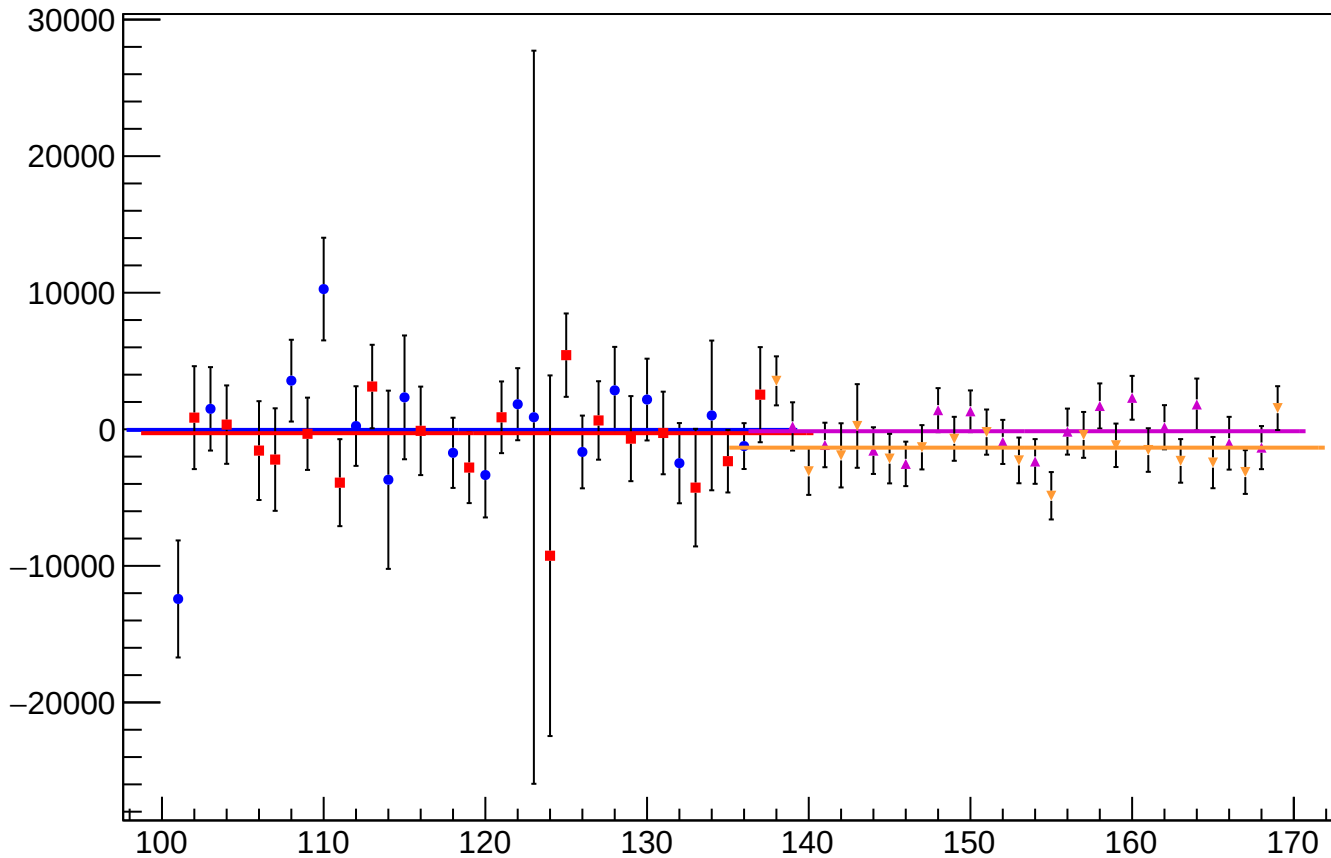
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 742.067+/-0.127 χ^2/NDF : 2963267.3/31

Out: 751.647+/-0.126 χ^2/NDF : 3642640.0/34

All: 746.928+/-0.089 χ^2/NDF : 6608775.3/66

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: -1344.378 $\pm$ 420.531 χ^2/NDF :19.6/16

Right Out: -285.373 $\pm$ 735.391 χ^2/NDF : 10.6/17

Left In: -141.492 $\pm$ 429.393 χ^2/NDF :12.6/14

Left: -755.475 $\pm$ 300.445 χ^2/NDF : 36.2/31

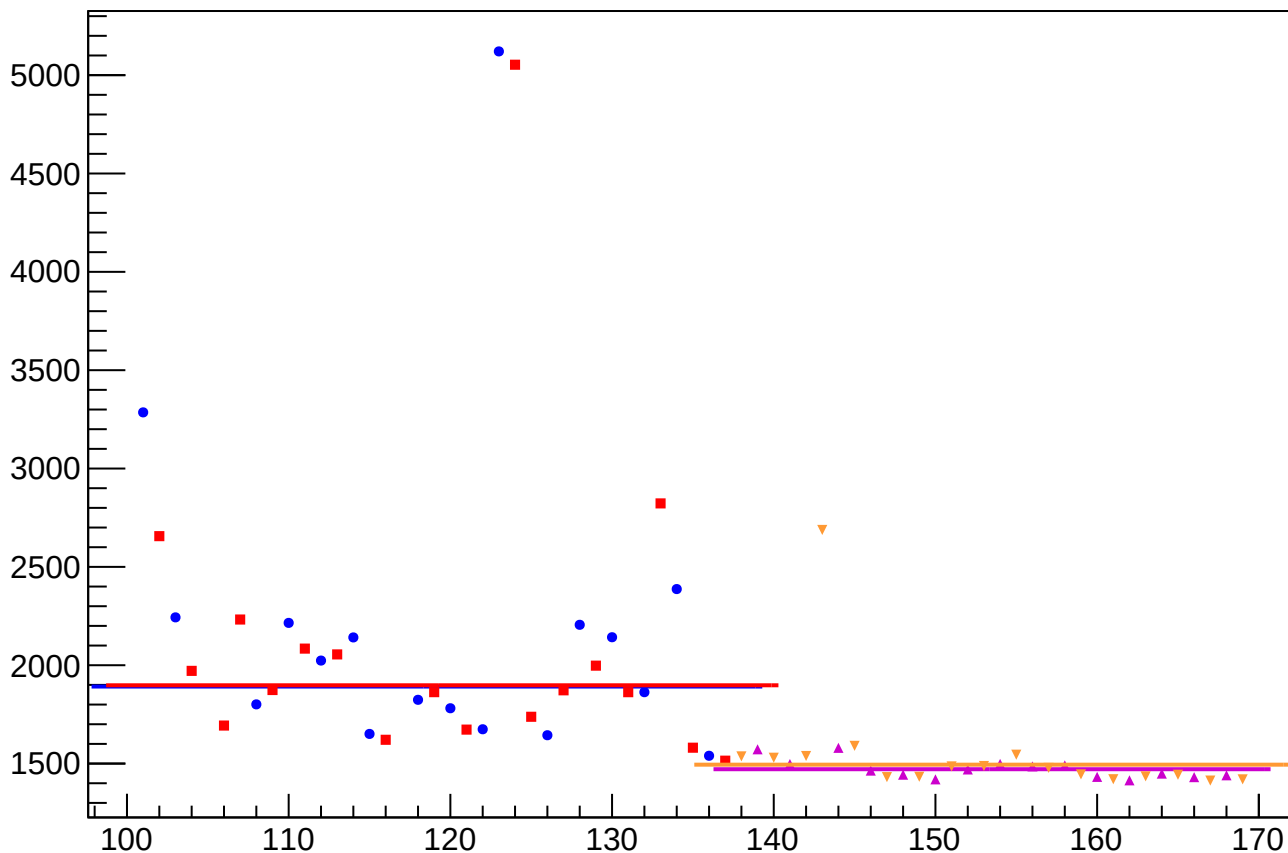
Right: -166.852 $\pm$ 524.259 χ^2/NDF : 33.9/34

In: -117.399 $\pm$ 372.344 χ^2/NDF :35.9/31

Out: -1083.412 $\pm$ 365.058 χ^2/NDF :31.7/34

All: -609.950 $\pm$ 260.673 χ^2/NDF : 71.0/66

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1494.422+/-0.297 χ^2/NDF : 339771.6/16

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1471.297+/-0.304 χ^2/NDF : 24603.1/14

Left: 1483.101+/-0.212 χ^2/NDF : 367335.6/31

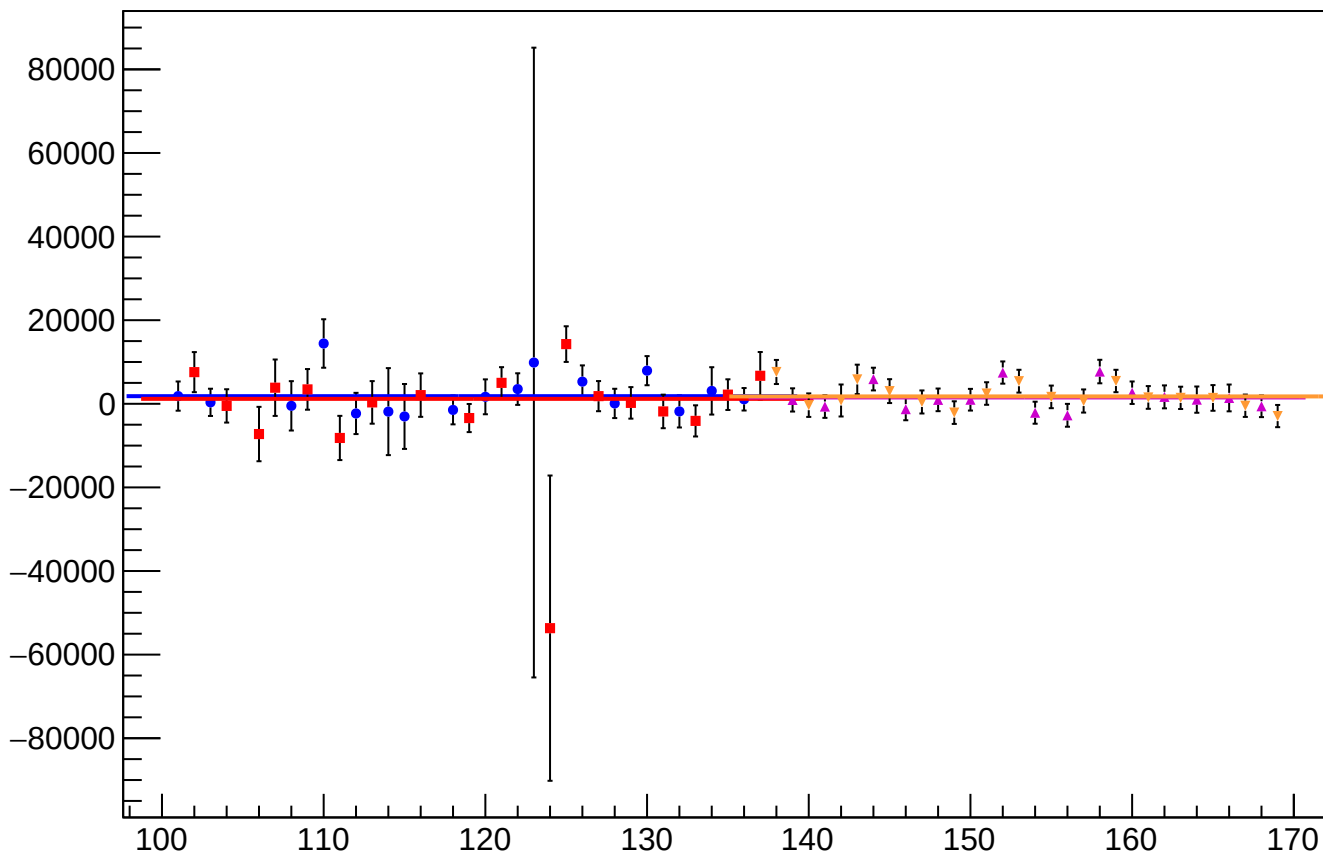
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1575.577+/-0.263 χ^2/NDF : 969195.6/31

Out: 1593.879+/-0.258 χ^2/NDF : 1217412.9/34

All: 1584.909+/-0.184 χ^2/NDF : 2189072.2/66

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1764.117 $\pm$ 685.392 χ^2 /NDF:16.3/16

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

Left In: 1517.001 $\pm$ 708.488 χ^2 /NDF:19.6/14

Left: 1644.652 $\pm$ 492.608 χ^2 /NDF: 36.0/31

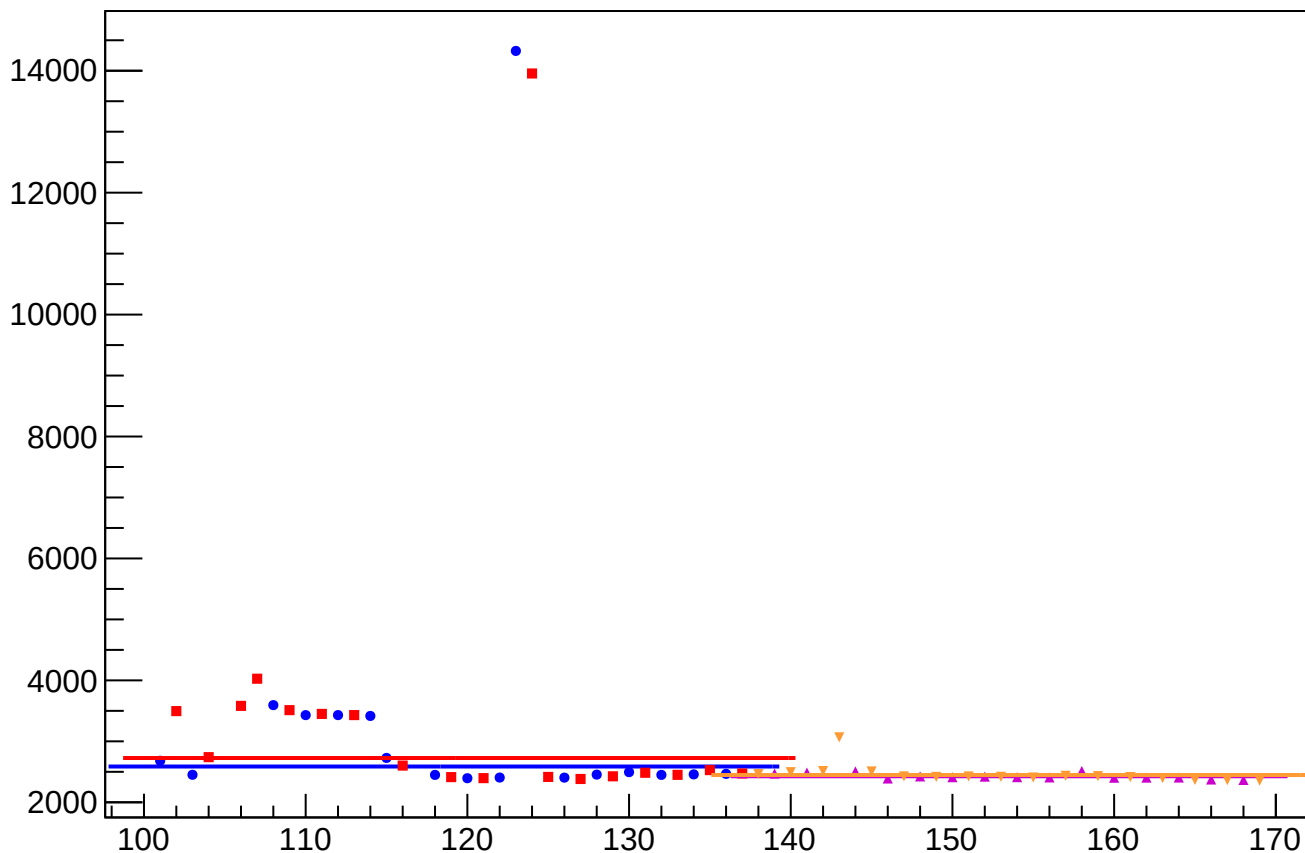
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1618.566 $\pm$ 580.046 χ^2 /NDF:32.2/31

Out: 1590.414 $\pm$ 573.927 χ^2 /NDF:42.0/34

All: 1604.341 $\pm$ 407.974 χ^2 /NDF: 74.2/66

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2447.455 ± 0.485 χ^2/NDF : 71779.8/16

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

Left In: 2427.172 ± 0.501 χ^2/NDF : 7746.7/14

Left: 2437.650 ± 0.348 χ^2/NDF : 80373.3/31

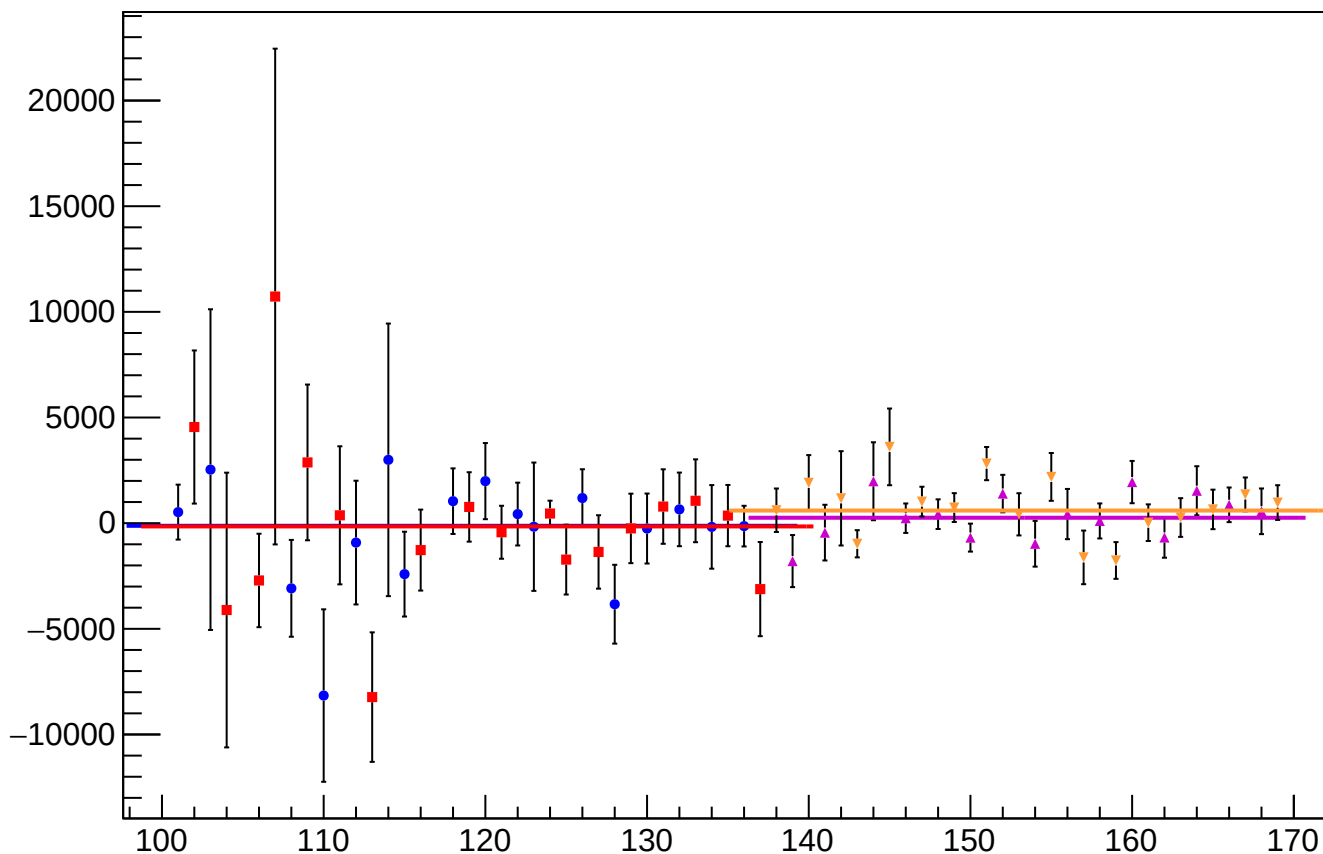
Right: 2654.027 ± 0.515 χ^2/NDF : 853292.0/34

In: 2479.862 ± 0.410 χ^2/NDF : 295409.3/31

Out: 2530.824 ± 0.406 χ^2/NDF : 751658.7/34

All: 2505.613 ± 0.288 χ^2/NDF : 1054869.0/60

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 597.007 ± 219.948 χ^2/NDF : 32.3/16

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: 256.757 ± 239.936 χ^2/NDF : 14.7/14

Left: 441.642 ± 162.133 χ^2/NDF : 48.1/31

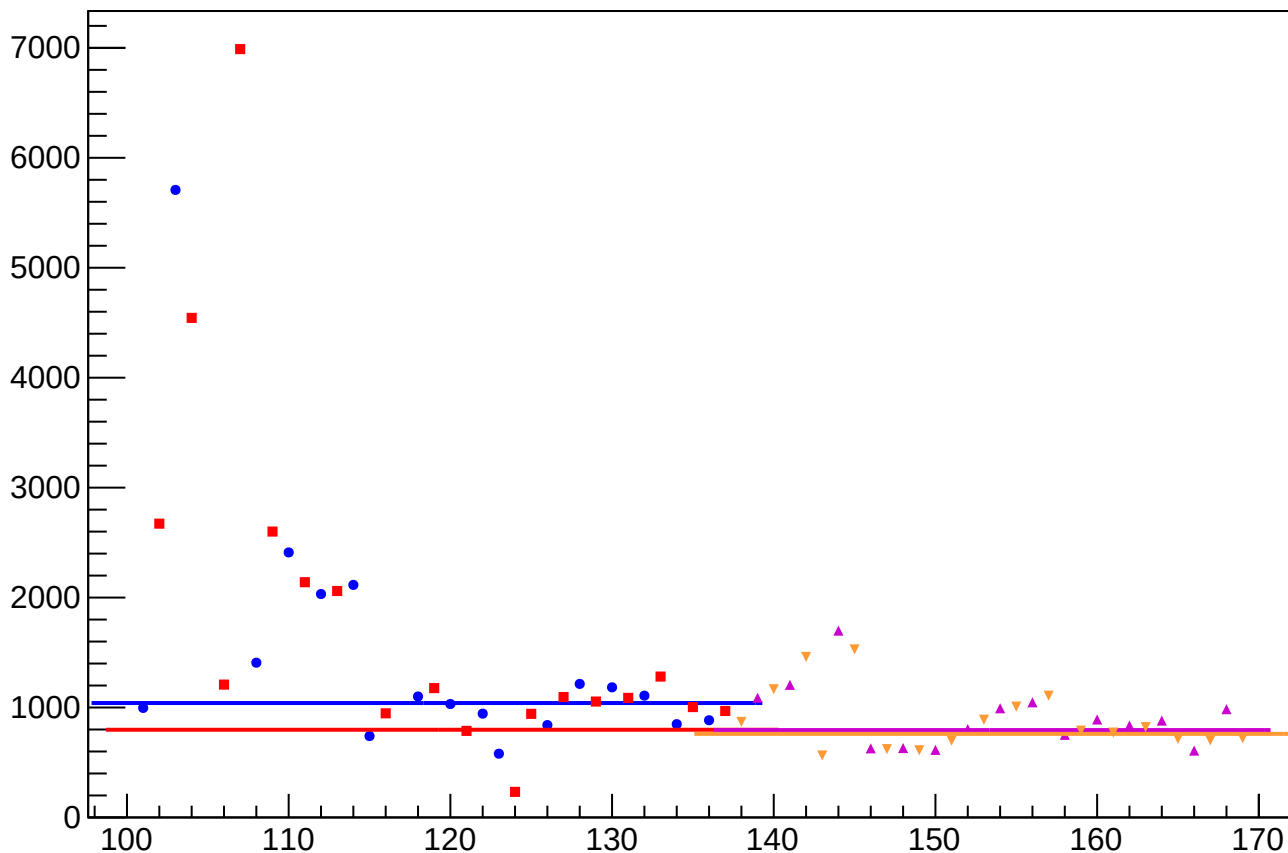
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: 166.486 ± 209.612 χ^2/NDF : 30.0/31

Out: 409.082 ± 190.475 χ^2/NDF : 52.8/34

All: 299.361 ± 140.968 χ^2/NDF : 83.5/66

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 760.206+/-0.156 χ^2/NDF :1452050.6/16

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

Left In: 794.748+/-0.170 χ^2/NDF :1522600.8/14

Left: 775.978+/-0.115 χ^2/NDF : 2997176.3/31

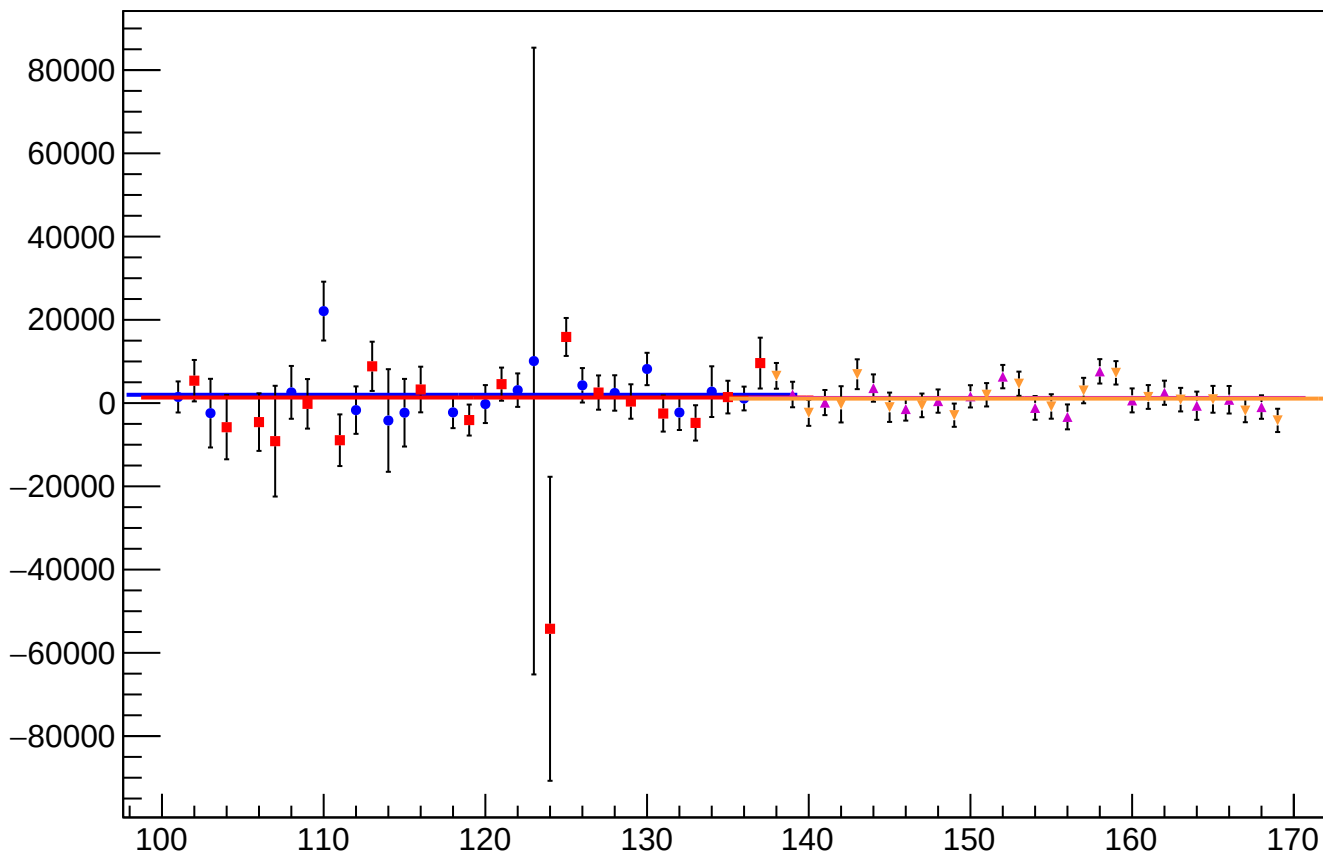
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 853.001+/-0.148 χ^2/NDF :3593503.5/31

Out: 769.588+/-0.135 χ^2/NDF :6640939.3/34

All: 807.314+/-0.100 χ^2/NDF : 10407912.8/66

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1076.422 $\pm$ 732.519 χ^2/NDF : 21.7/16

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

Left In: 1231.433 $\pm$ 760.992 χ^2/NDF : 14.0/14

Left: 1150.973 $\pm$ 527.748 χ^2/NDF : 35.7/31

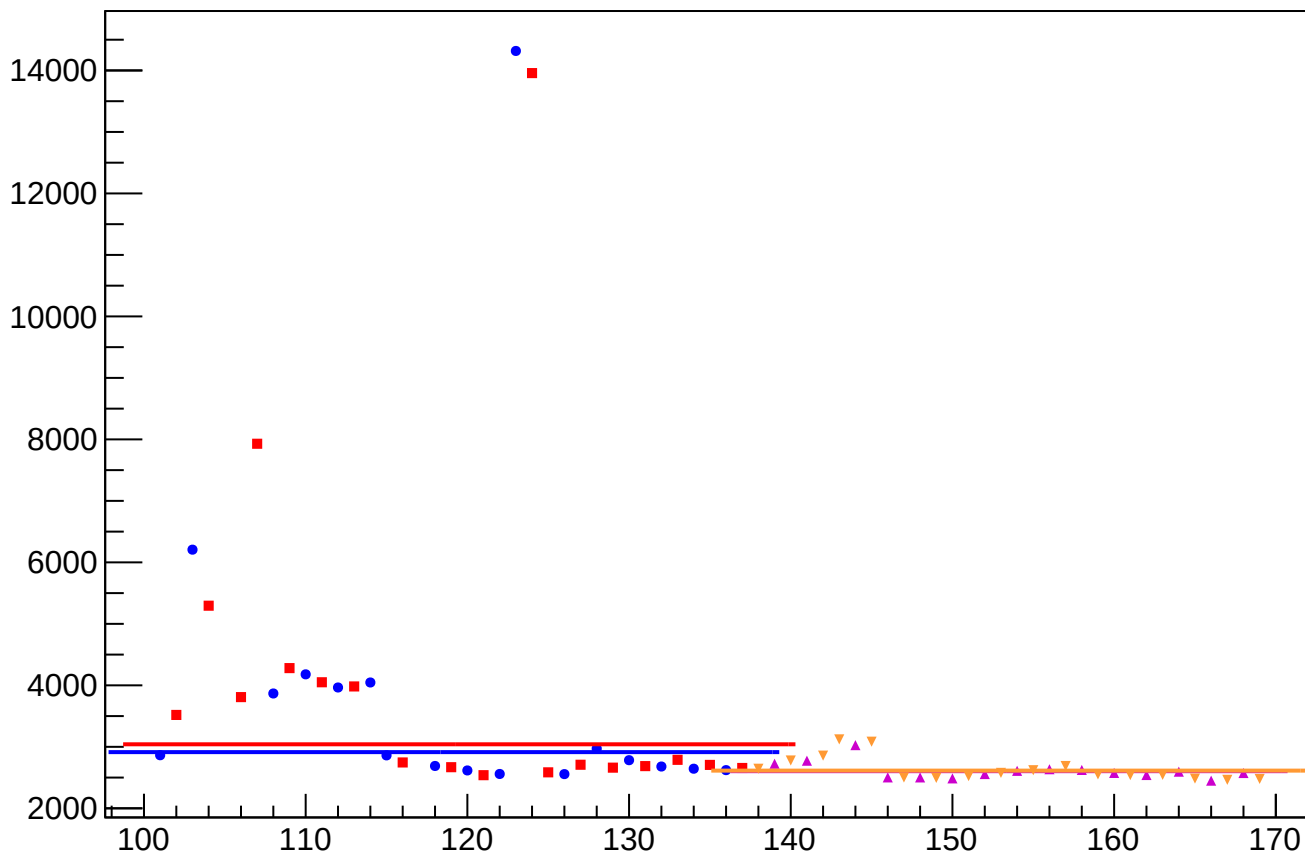
Right: 1677.304 $\pm$ 830.083 χ^2/NDF : 42.6/34

In: 1462.933 $\pm$ 635.471 χ^2/NDF : 29.2/31

Out: 1147.600 $\pm$ 624.342 χ^2/NDF : 49.2/34

All: 1302.481 $\pm$ 445.359 χ^2/NDF : 78.5/66

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2613.096+/-0.518 χ^2/NDF : 115212.2/16

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2603.937+/-0.538 χ^2/NDF : 58513.3/14

Left: 2608.691+/-0.373 χ^2/NDF : 173875.9/31

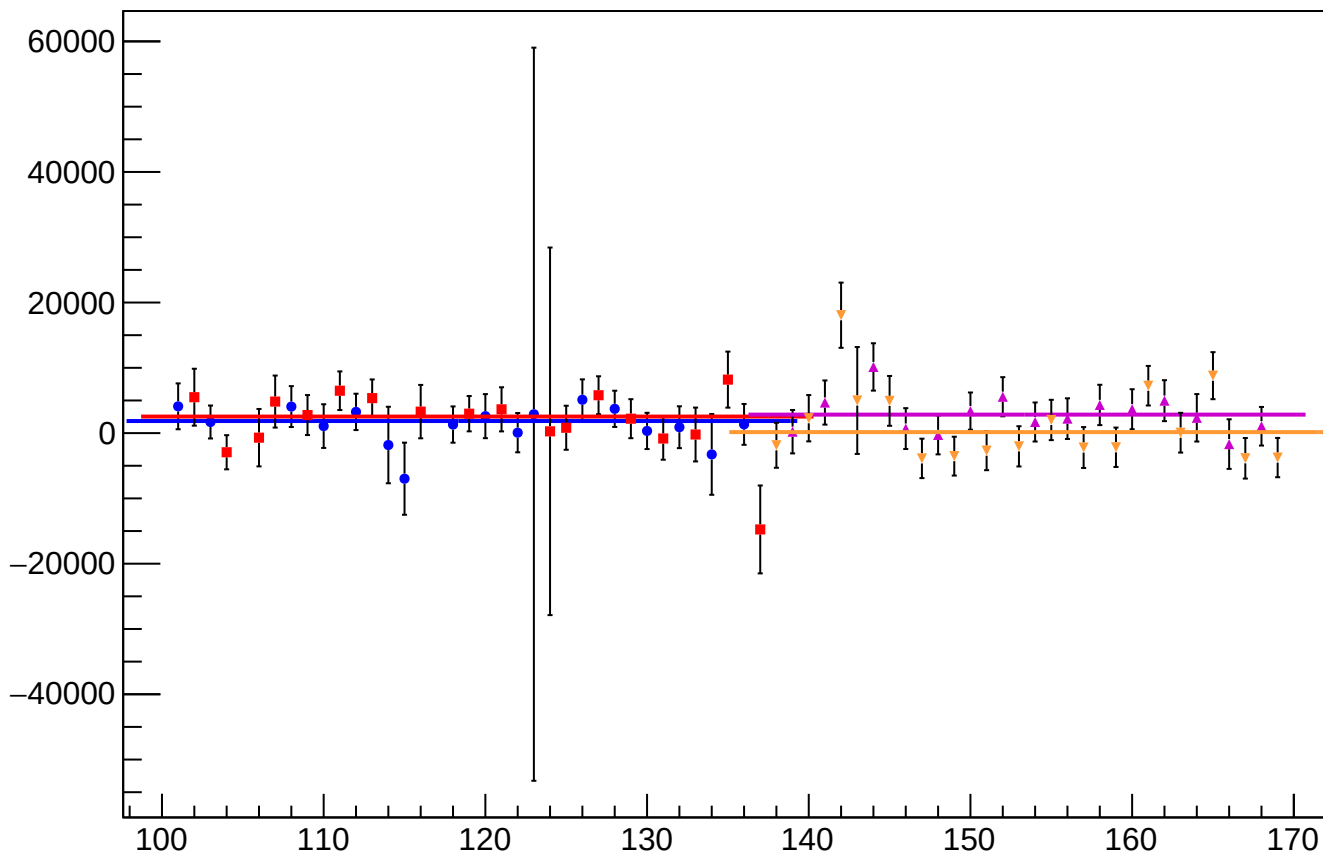
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2697.750+/-0.449 χ^2/NDF : 797914.7/31

Out: 2730.210+/-0.441 χ^2/NDF : 1305682.9/34

All: 2714.267+/-0.315 χ^2/NDF : 2106252.9/66

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 152.784+/-802.889 χ^2/NDF :36.3/16

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 2833.334+/-819.037 χ^2/NDF :10.1/14

Left: 1466.373+/-573.352 χ^2/NDF : 51.9/31

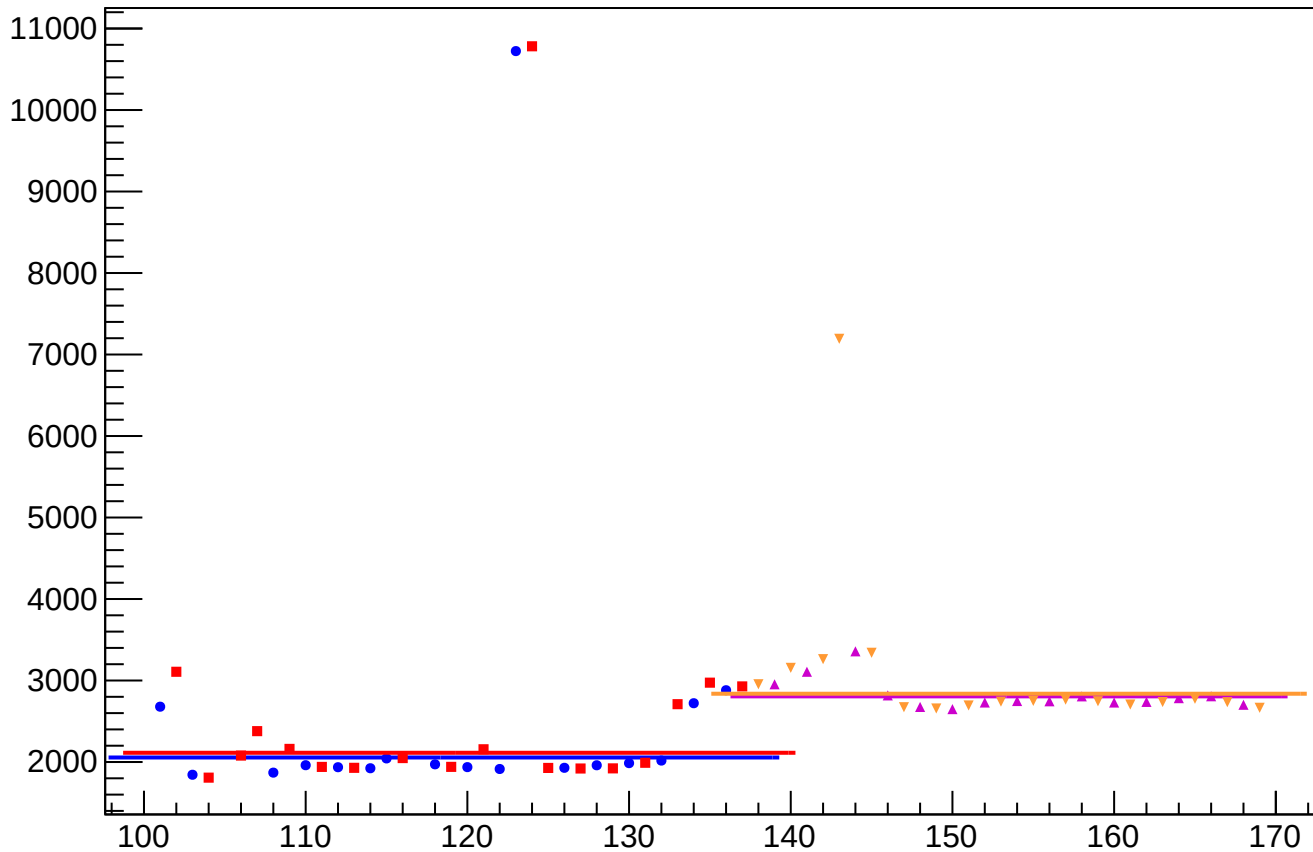
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2334.289+/-574.757 χ^2/NDF :18.1/31

Out: 1319.842+/-573.450 χ^2/NDF :60.6/34

All: 1825.911+/-405.952 χ^2/NDF : 80.3/66

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2837.765 ± 0.568 χ^2/NDF : 673389.6/16

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

Left In: 2805.441 ± 0.579 χ^2/NDF : 83639.5/14

Left: 2821.925 ± 0.405 χ^2/NDF : 758617.7/31

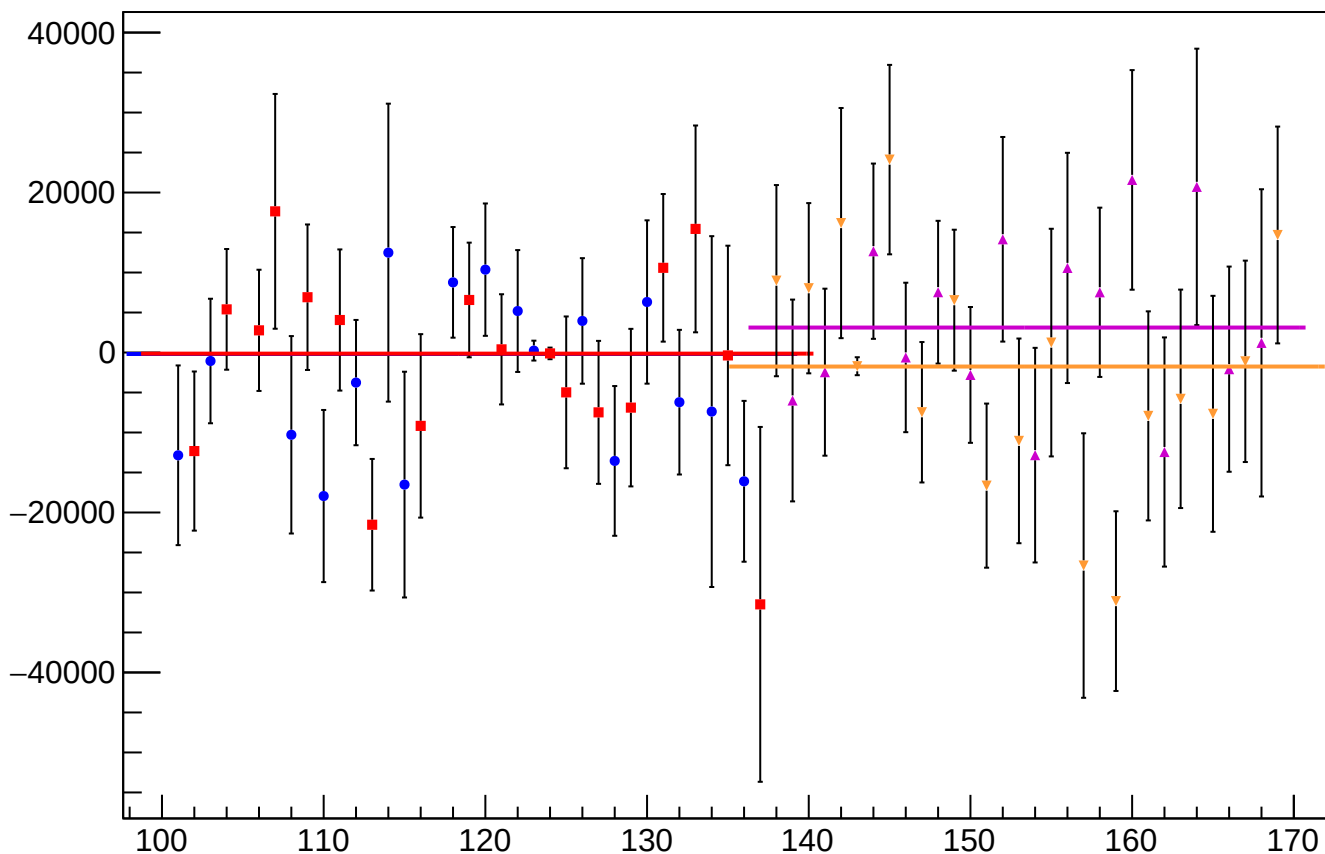
Right: 2083.972 ± 0.406 χ^2/NDF : 853461.4/34

In: 2424.780 ± 0.406 χ^2/NDF : 1251197.8/31

Out: 2482.329 ± 0.405 χ^2/NDF : 2004303.4/34

All: 2453.641 ± 0.287 χ^2/NDF : 3265556.7/66

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1754.116 ± 1049.831 $\chi^2/\text{NDF}: 23.0/16$

Right Out: -141.935 ± 690.979 $\chi^2/\text{NDF}: 19.0/17$

Left In: 3120.269 ± 3023.011 $\chi^2/\text{NDF}: 9.3/14$

Left: -1229.517 ± 991.730 $\chi^2/\text{NDF}: 34.6/31$

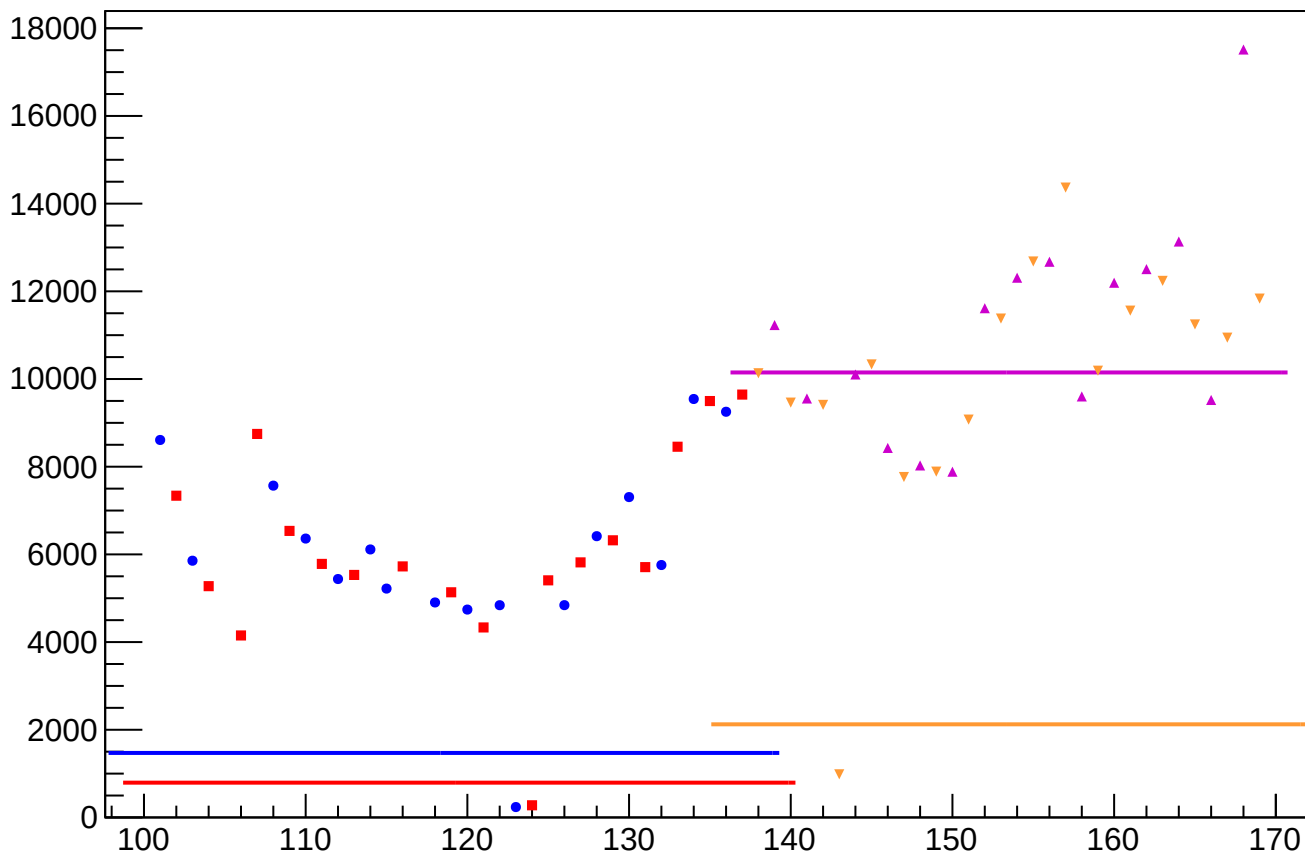
Right: -154.177 ± 585.233 $\chi^2/\text{NDF}: 35.3/34$

In: 201.732 ± 1034.340 $\chi^2/\text{NDF}: 26.7/31$

Out: -629.236 ± 577.180 $\chi^2/\text{NDF}: 43.6/34$

All: -431.925 ± 504.018 $\chi^2/\text{NDF}: 70.8/66$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2124.275 $\pm$ 0.742 χ^2 /NDF: 17173799.7/16

Right Out: 793.659 $\pm$ 0.489 χ^2 /NDF: 11422584.5/17

Left In: 10149.487 $\pm$ 2.138 χ^2 /NDF: 946571.2/14

Left: 2987.977 $\pm$ 0.701 χ^2 /NDF: 30698372.0/31

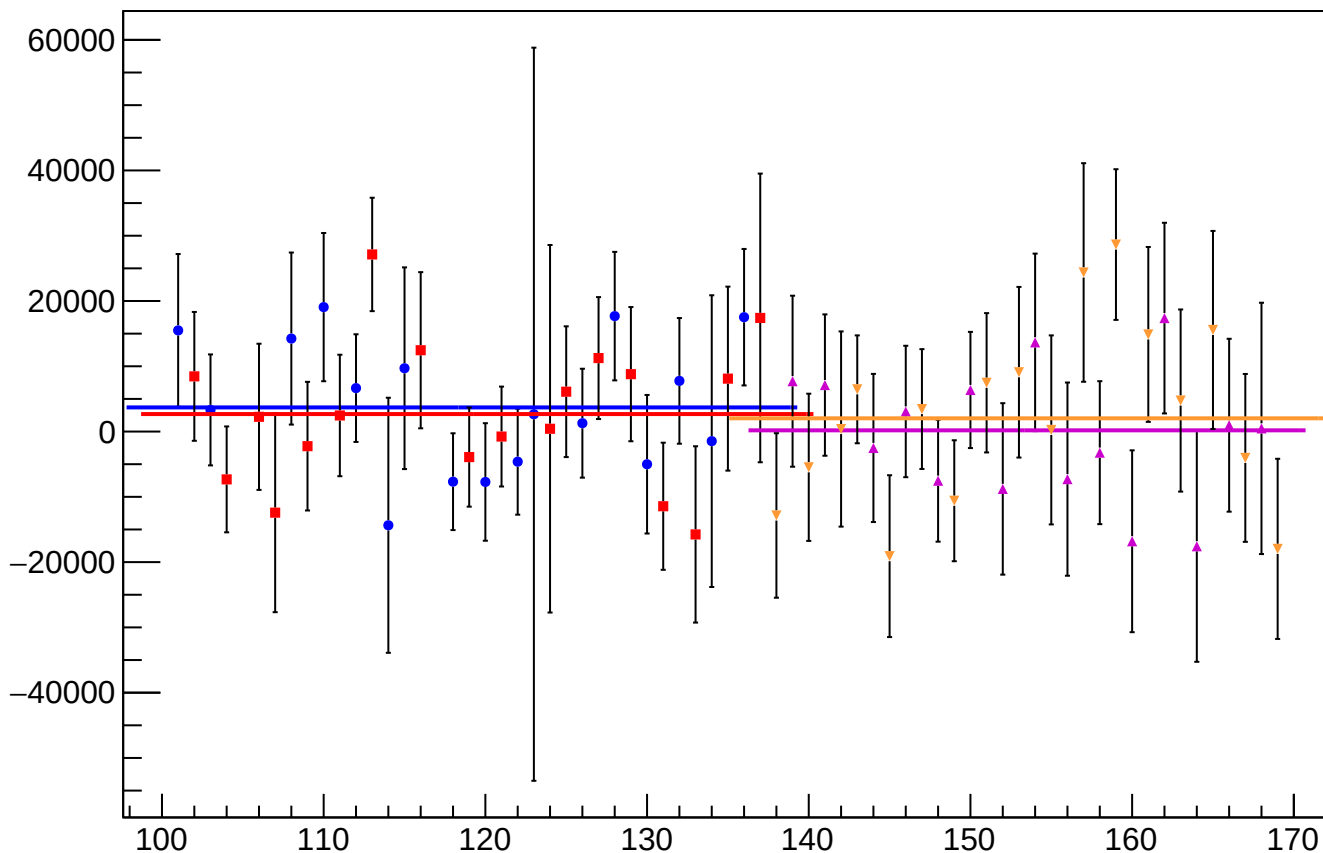
Right: 985.285 $\pm$ 0.414 χ^2 /NDF: 21755031.4/34

In: 2487.532 $\pm$ 0.731 χ^2 /NDF: 25286190.0/31

Out: 1195.854 $\pm$ 0.408 χ^2 /NDF: 30838144.6/34

All: 1502.559 $\pm$ 0.356 χ^2 /NDF: 58502717.9/66

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2/NDF : 14.4/16

Left Out: 2030.546 $\pm$ 2884.925 χ^2/NDF : 18.7/16

Right Out: 2679.483 $\pm$ 2428.648 χ^2/NDF : 18.5/17

Left In: 186.038 $\pm$ 3136.695 χ^2/NDF : 7.7/14

Left: 1185.278 $\pm$ 2123.387 χ^2/NDF : 26.6/31

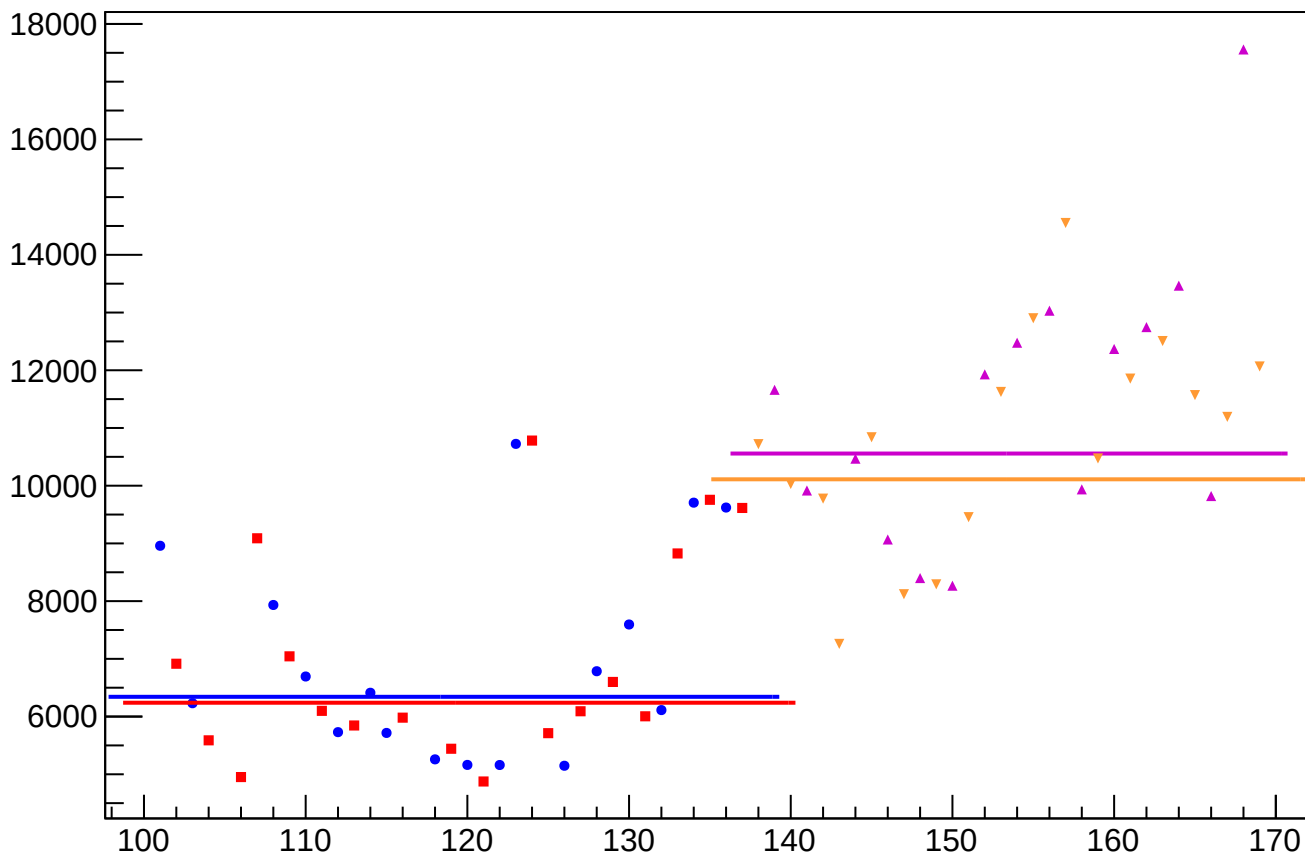
Right: 3170.572 $\pm$ 1748.031 χ^2/NDF : 33.0/34

In: 2322.028 $\pm$ 1963.561 χ^2/NDF : 22.9/31

Out: 2410.331 $\pm$ 1857.942 χ^2/NDF : 37.2/34

All: 2368.618 $\pm$ 1349.558 χ^2/NDF : 60.1/66

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 10110.608+/-2.040 χ^2/NDF : 839260.5/16

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10557.165+/-2.218 χ^2/NDF : 831853.0/14

Left: 10315.248+/-1.501 χ^2/NDF : 1693073.3/31

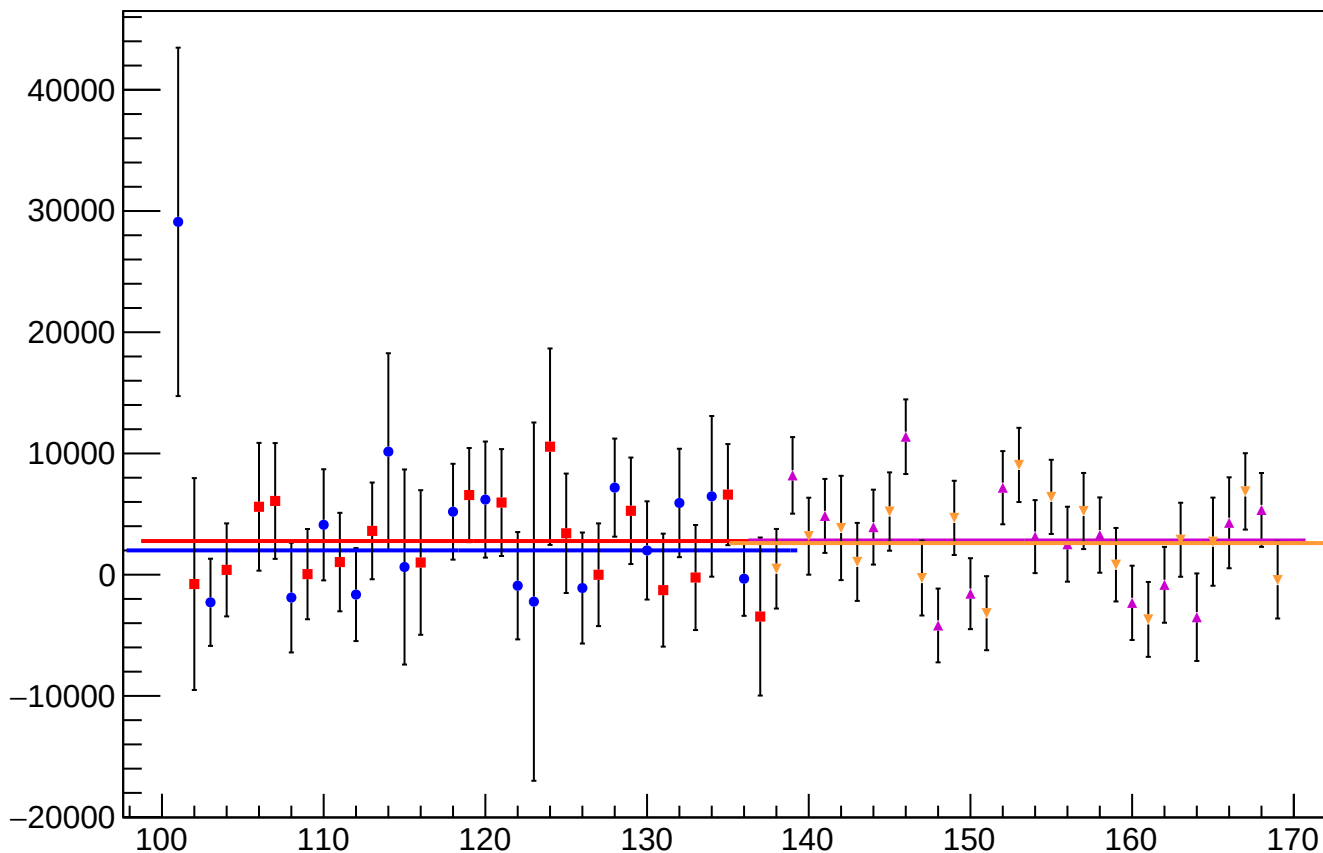
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7993.994+/-1.388 χ^2/NDF : 3621580.1/31

Out: 7845.120+/-1.314 χ^2/NDF : 3475835.2/34

All: 7915.444+/-0.954 χ^2/NDF : 7103481.4/66

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2607.509+/-774.158 χ^2/NDF : 20.3/16

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

Left In: 2821.929+/-807.164 χ^2/NDF : 29.0/14

Left: 2710.245+/-558.717 χ^2/NDF : 49.3/31

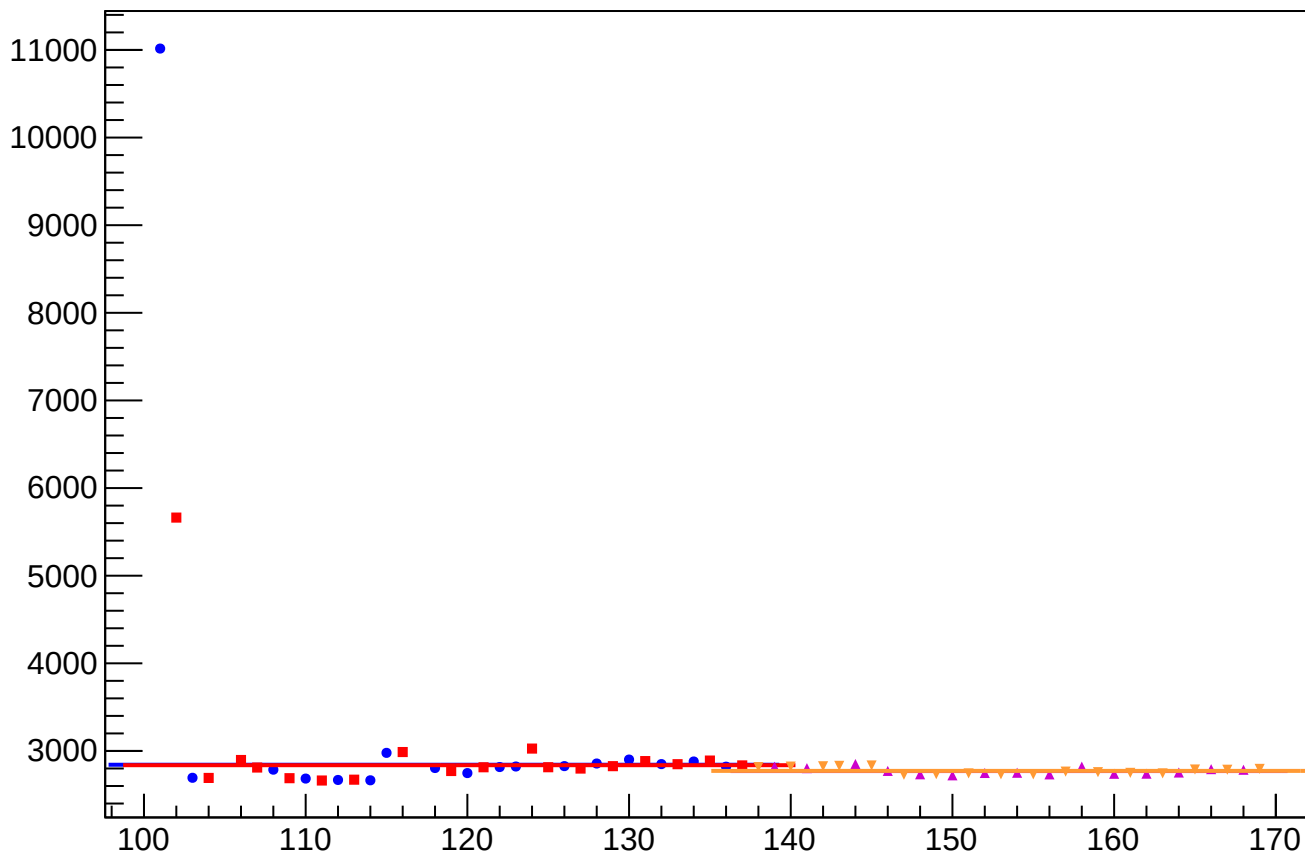
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 2544.308+/-655.910 χ^2/NDF : 43.0/31

Out: 2664.238+/-630.544 χ^2/NDF : 28.6/34

All: 2606.637+/-454.565 χ^2/NDF : 71.7/66

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2772.476+/-0.547 χ^2/NDF : 4563.3/16

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2770.521+/-0.571 χ^2/NDF : 4507.9/14

Left: 2771.539+/-0.395 χ^2/NDF : 9077.4/31

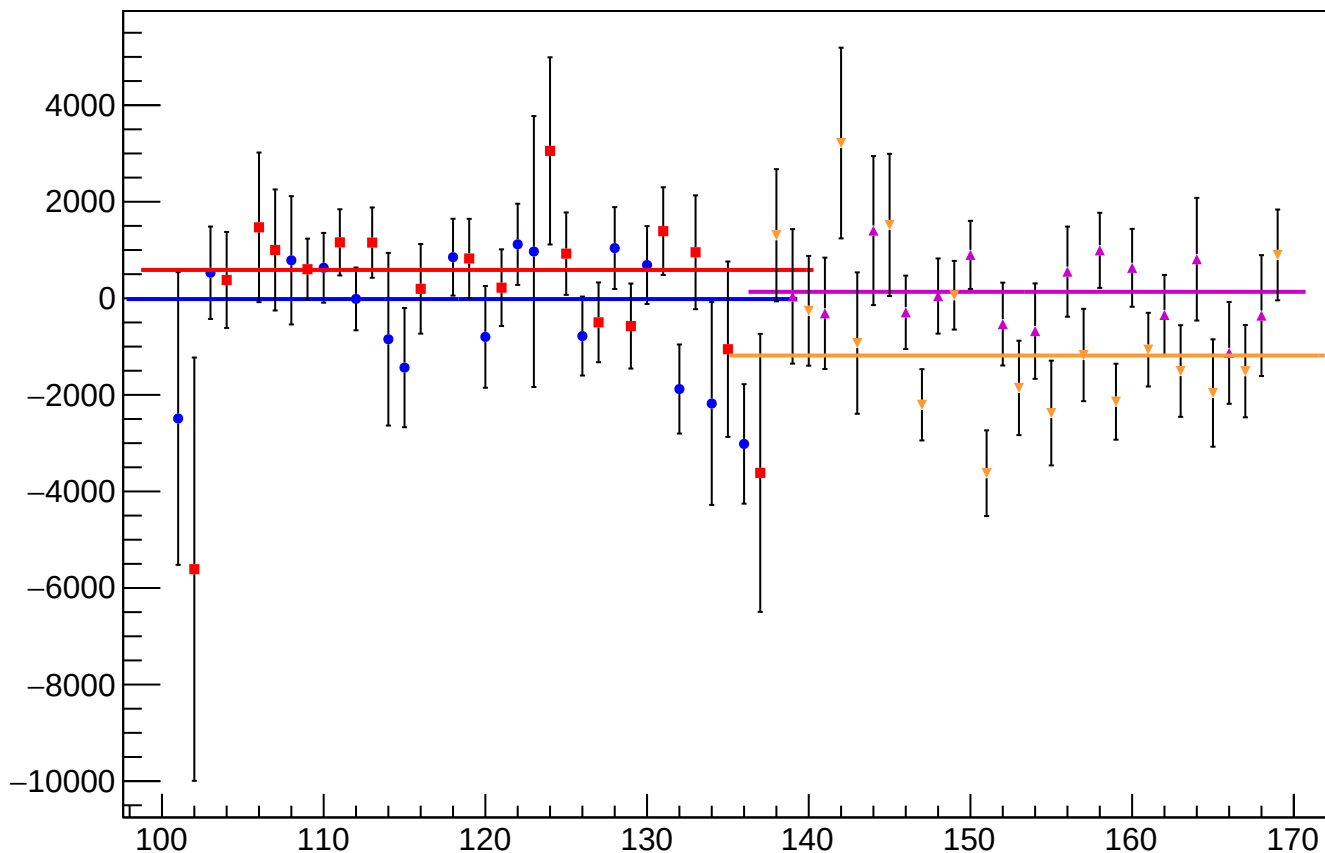
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2795.013+/-0.464 χ^2/NDF : 670234.5/31

Out: 2794.343+/-0.446 χ^2/NDF : 235725.7/34

All: 2794.665+/-0.321 χ^2/NDF : 905961.3/66

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1184.347 $\pm$ 235.420 χ^2/NDF : 33.7/16

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 134.400 $\pm$ 239.677 χ^2/NDF : 7.6/14

Left: -536.788 $\pm$ 167.952 χ^2/NDF : 56.7/31

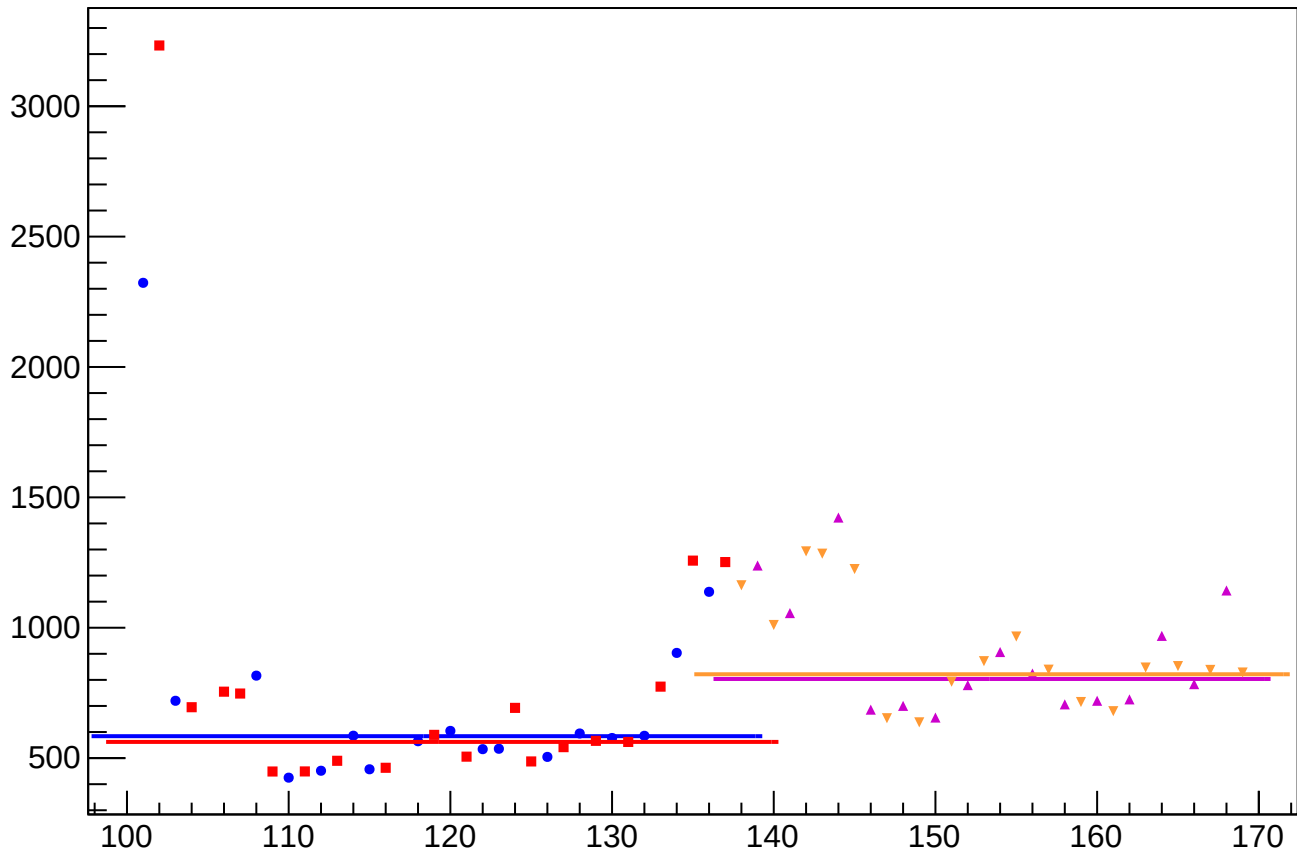
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 59.129 $\pm$ 169.188 χ^2/NDF : 29.4/31

Out: -261.470 $\pm$ 162.964 χ^2/NDF : 76.5/34

All: -107.176 $\pm$ 117.372 χ^2/NDF : 107.8/66

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 821.551+/-0.166 χ^2/NDF :1034738.8/16

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 803.456+/-0.169 χ^2/NDF :1060401.4/14

Left: 812.666+/-0.119 χ^2/NDF : 2100942.7/31

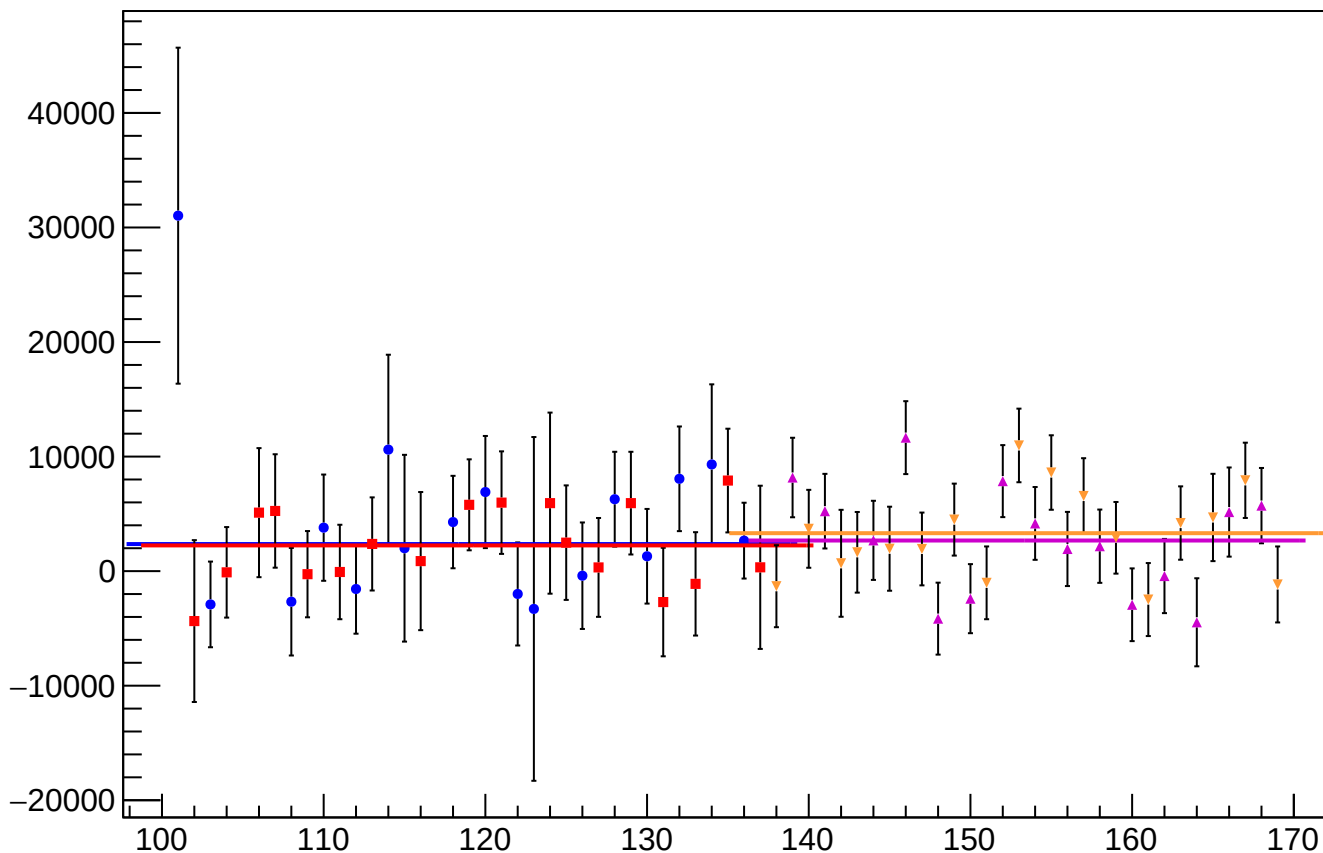
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 693.382+/-0.120 χ^2/NDF :3337827.2/31

Out: 686.434+/-0.115 χ^2/NDF :3824986.7/34

All: 689.778+/-0.083 χ^2/NDF : 7164563.5/66

asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 3313.153 $\pm$ 816.785 χ^2 /NDF:21.2/16

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

Left In: 2672.824 $\pm$ 849.618 χ^2 /NDF:30.4/14

Left: 3005.599 $\pm$ 588.819 χ^2 /NDF: 51.9/31

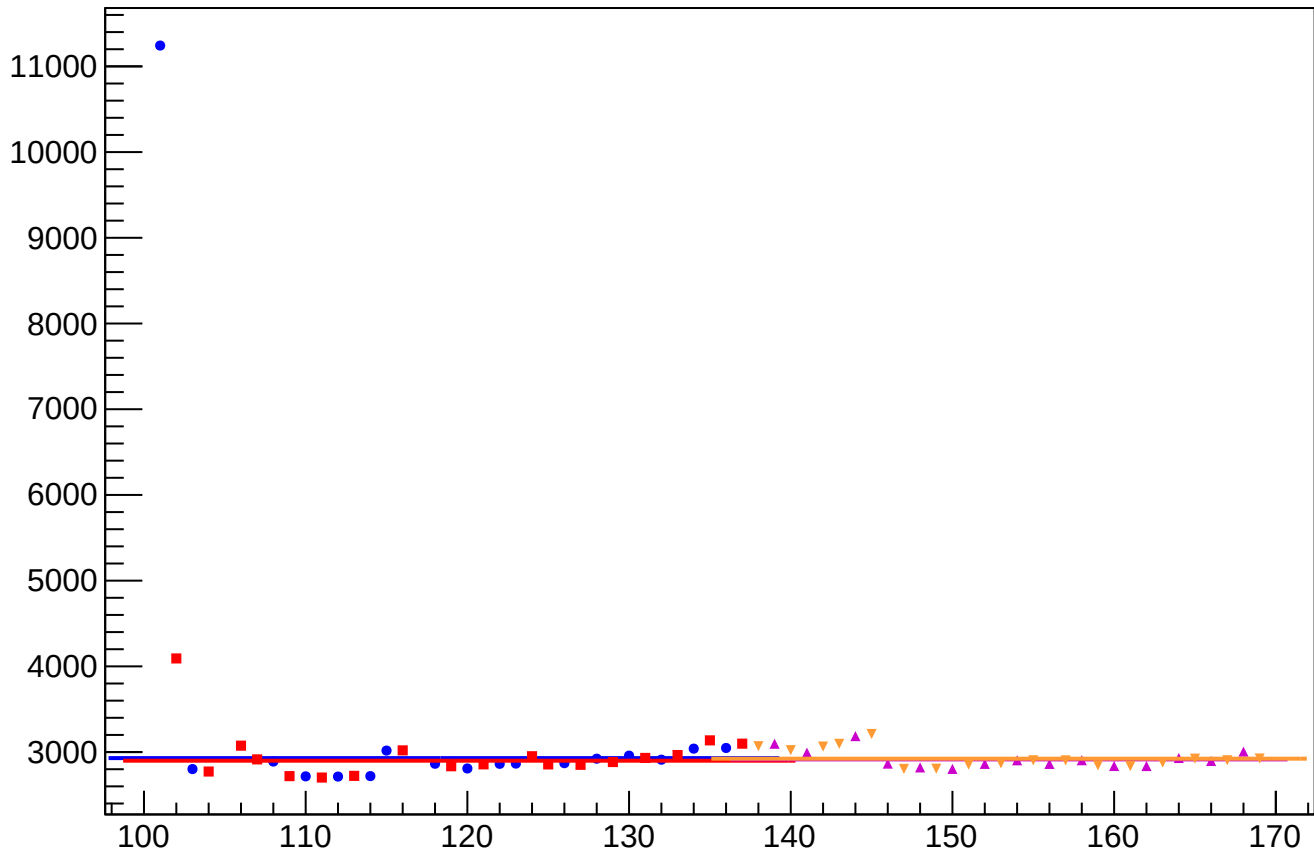
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2564.571 $\pm$ 685.420 χ^2 /NDF:45.5/31

Out: 2938.938 $\pm$ 658.274 χ^2 /NDF:30.3/34

All: 2759.315 $\pm$ 474.777 χ^2 /NDF: 76.0/66

asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2923.038+/-0.578 χ^2/NDF : 34433.5/16

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2914.637+/-0.601 χ^2/NDF : 29067.7/14

Left: 2919.003+/-0.416 χ^2/NDF : 63602.9/31

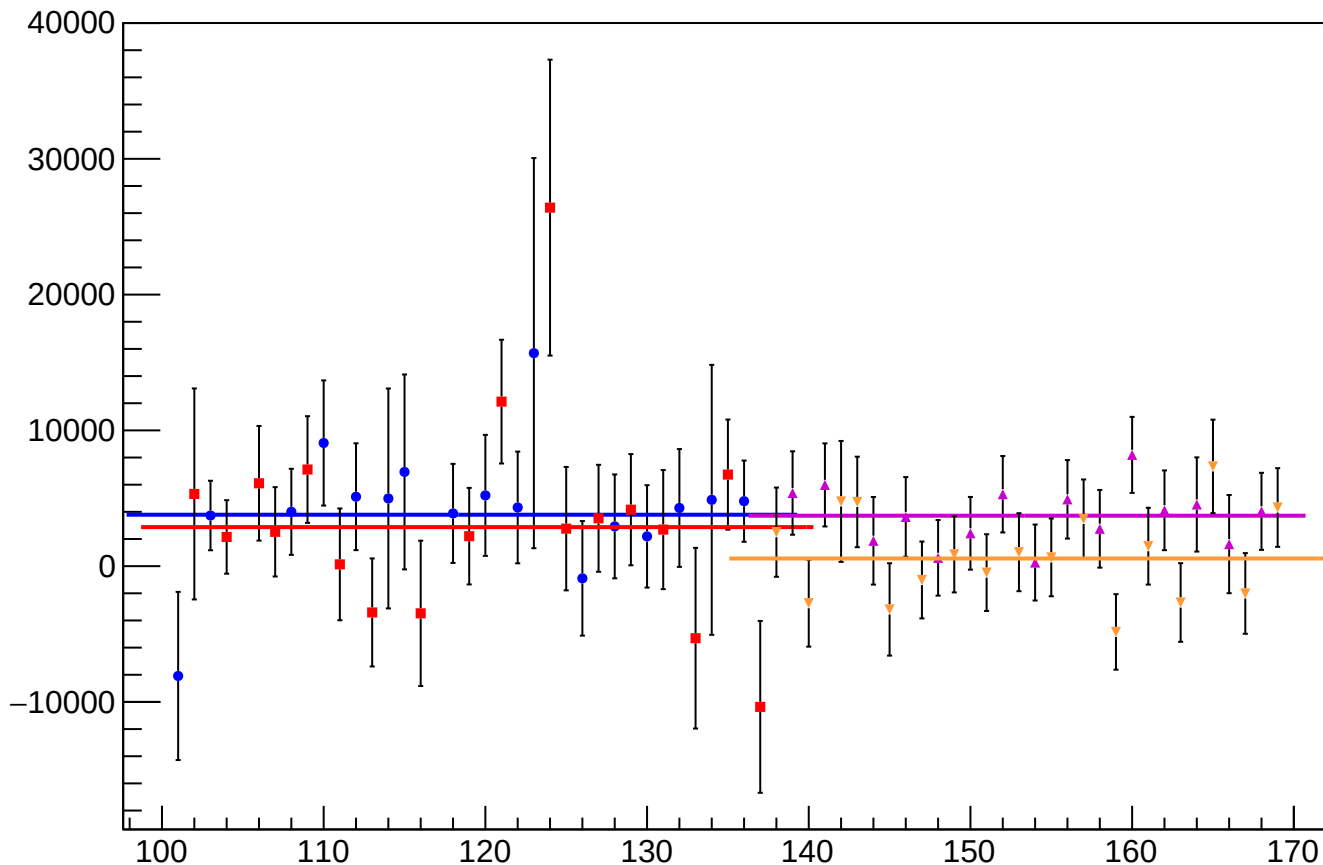
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2919.880+/-0.485 χ^2/NDF : 691914.9/31

Out: 2914.764+/-0.465 χ^2/NDF : 118562.1/34

All: 2917.219+/-0.336 χ^2/NDF : 810535.0/66

dit_asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: 563.434 $\pm$ 736.054 χ^2 /NDF:18.0/16

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

Left In: 3716.773 $\pm$ 763.212 χ^2 /NDF:7.8/14

Left: 2083.002 $\pm$ 529.809 χ^2 /NDF: 34.6/31

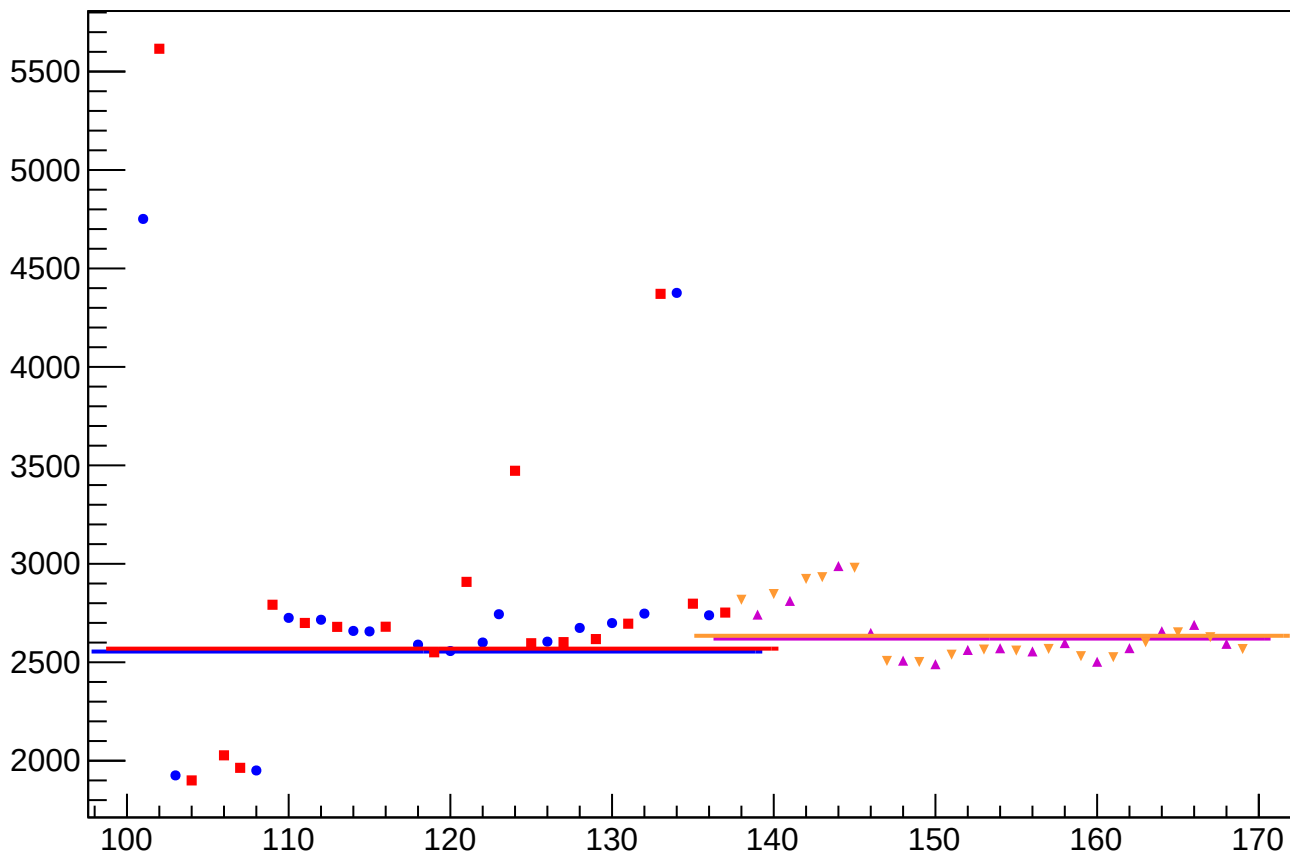
Right: 3329.431 $\pm$ 711.415 χ^2 /NDF: 30.2/34

In: 3742.665 $\pm$ 608.500 χ^2 /NDF:15.5/31

Out: 1371.321 $\pm$ 593.633 χ^2 /NDF:43.5/34

All: 2527.672 $\pm$ 424.921 χ^2 /NDF: 66.8/66

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2634.559 $\pm$ 0.520 χ^2 /NDF: 81594.5/16

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2620.296 $\pm$ 0.540 χ^2 /NDF: 53024.3/14

Left: 2627.685 $\pm$ 0.375 χ^2 /NDF: 134980.7/31

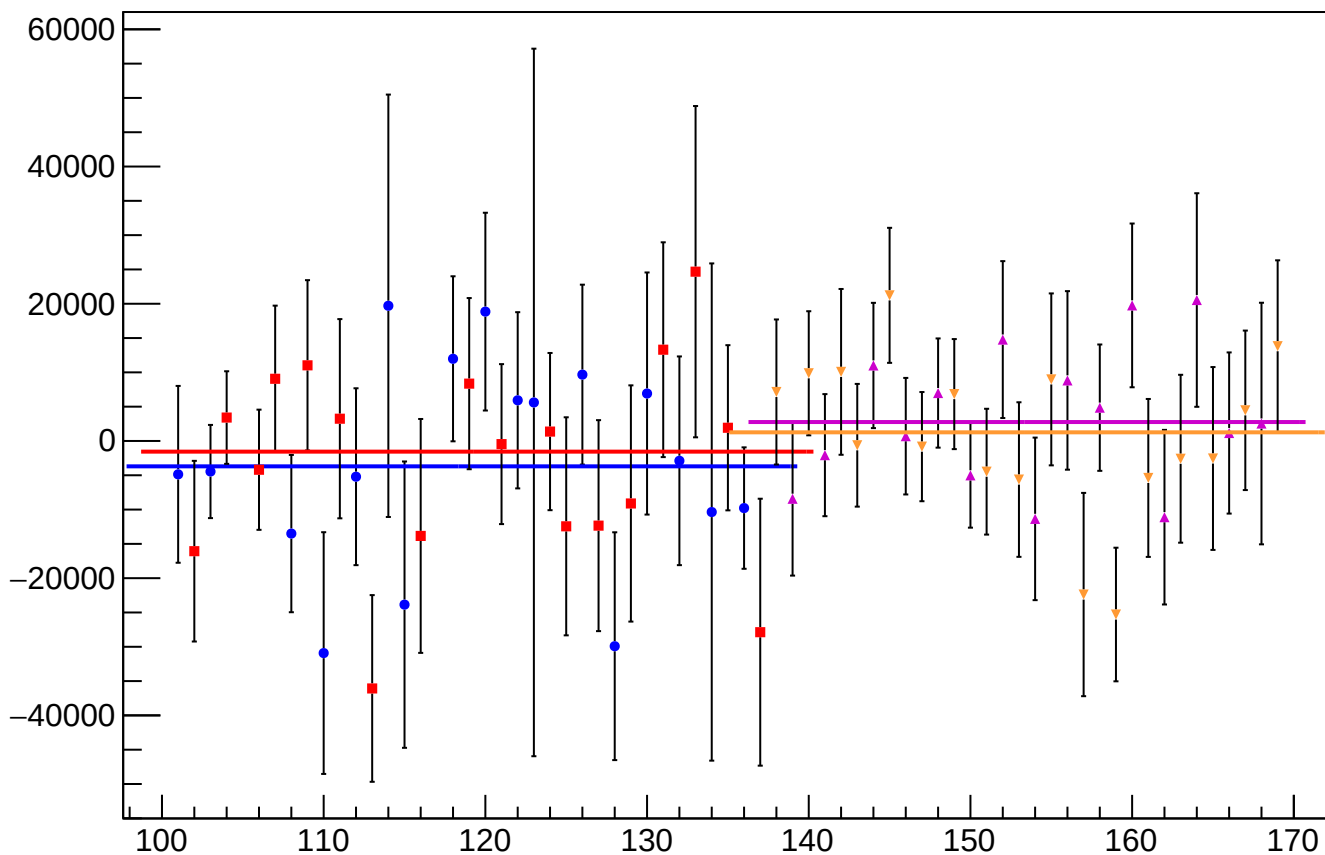
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2596.338 $\pm$ 0.430 χ^2 /NDF: 595059.7/31

Out: 2611.720 $\pm$ 0.420 χ^2 /NDF: 810432.1/34

All: 2604.220 $\pm$ 0.300 χ^2 /NDF: 1406146.7/66

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 1258.563 $\pm$ 2523.178 χ^2/NDF : 19.2/16

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2758.680 $\pm$ 2675.213 χ^2/NDF : 10.8/14

Left: 1964.786 $\pm$ 1835.552 χ^2/NDF : 30.2/31

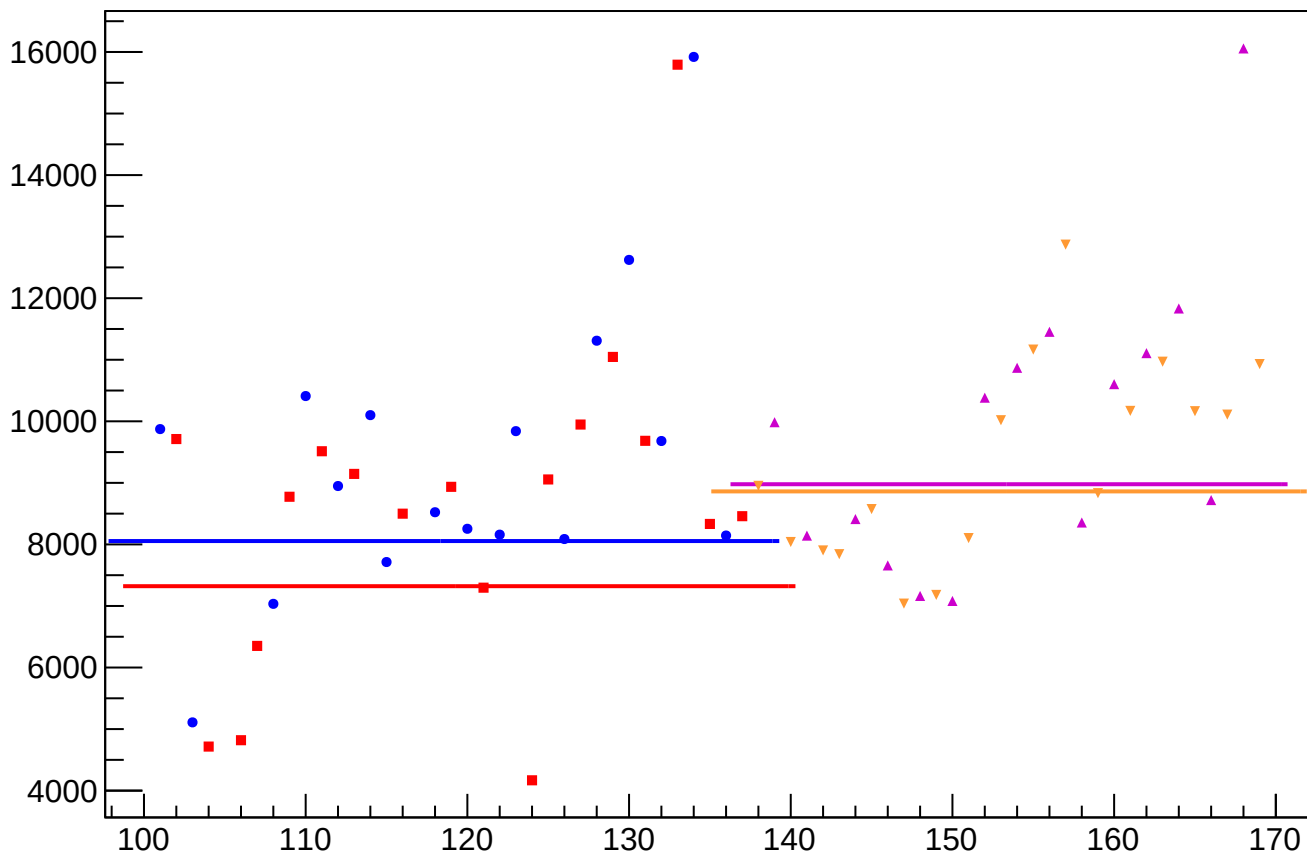
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: 119.248 $\pm$ 2057.142 χ^2/NDF : 27.0/31

Out: 51.621 $\pm$ 1906.853 χ^2/NDF : 36.5/34

All: 82.874 $\pm$ 1398.465 χ^2/NDF : 63.5/66

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8861.283 $\pm$ 1.784 χ^2 /NDF: 680588.4/16

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8977.854 $\pm$ 1.892 χ^2 /NDF: 964912.9/14

Left: 8916.162 $\pm$ 1.298 χ^2 /NDF: 1647511.0/31

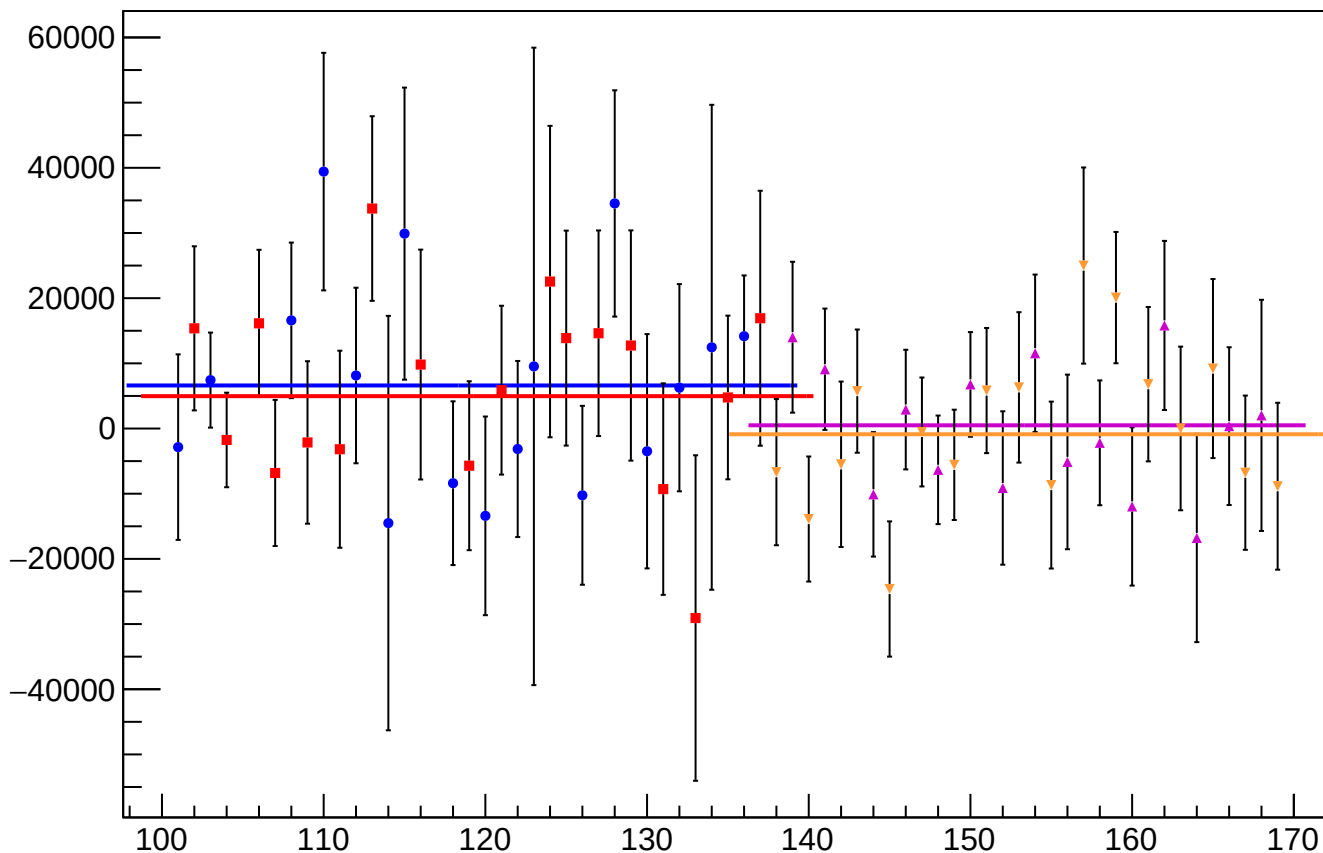
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8600.595 $\pm$ 1.455 χ^2 /NDF: 1882994.0/31

Out: 8200.893 $\pm$ 1.348 χ^2 /NDF: 2336003.5/34

All: 8385.612 $\pm$ 0.989 χ^2 /NDF: 4259608.5/60

asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: -879.670 ± 2630.295 χ^2/NDF : 18.4/16

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

Left In: 495.391 ± 2784.413 χ^2/NDF : 10.2/14

Left: -231.246 ± 1912.063 χ^2/NDF : 28.7/31

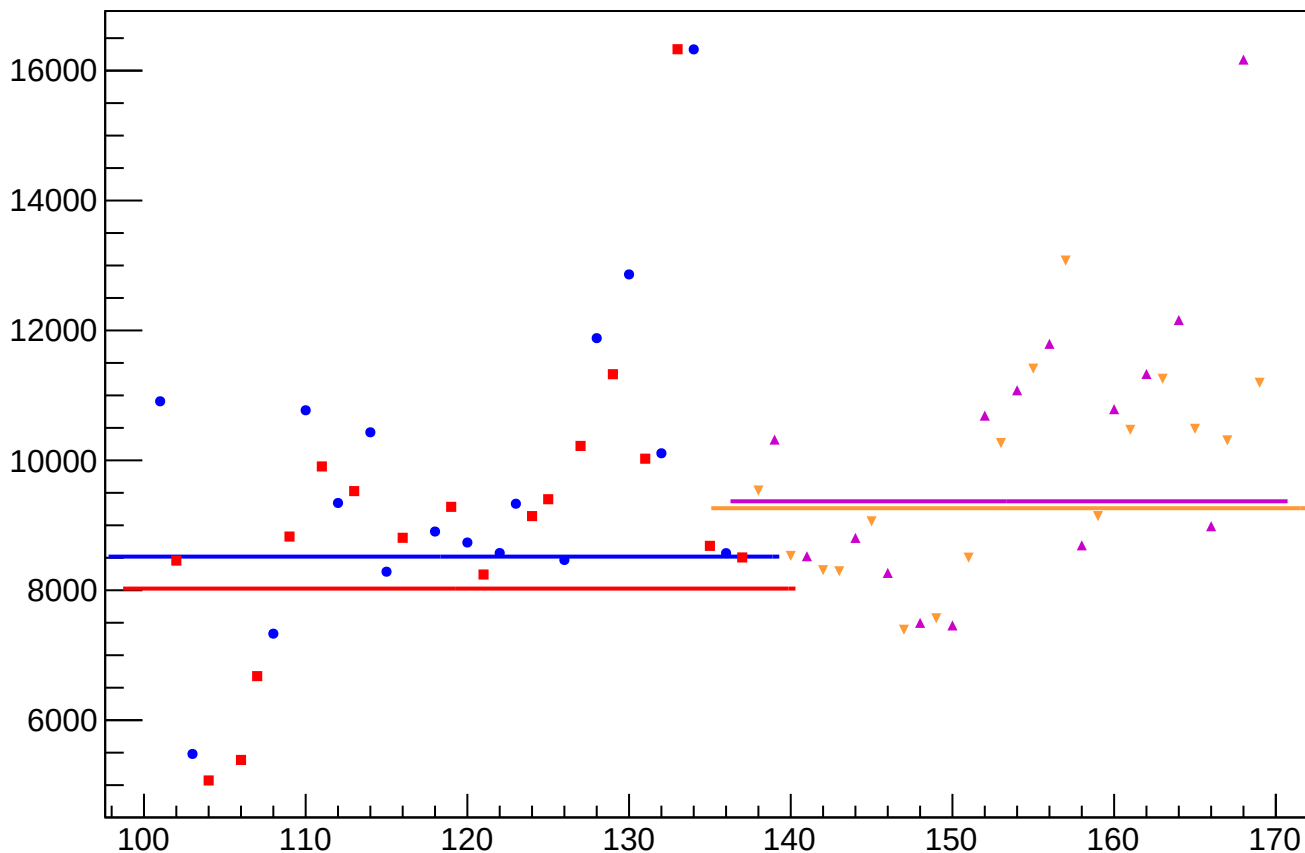
Right: 5732.997 ± 2319.944 χ^2/NDF : 28.4/34

In: 2952.530 ± 2153.158 χ^2/NDF : 26.8/31

Out: 1498.533 ± 2025.999 χ^2/NDF : 34.0/34

All: 2181.332 ± 1475.505 χ^2/NDF : 61.0/66

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2 /NDF: 771995.0/16

Left Out: 9263.435+/-1.860 χ^2 /NDF: 587312.1/16

Right Out: 8026.045+/-2.246 χ^2 /NDF: 942657.8/17

Left In: 9370.006+/-1.969 χ^2 /NDF: 850974.4/14

Left: 9313.689+/-1.352 χ^2 /NDF: 1439834.7/31

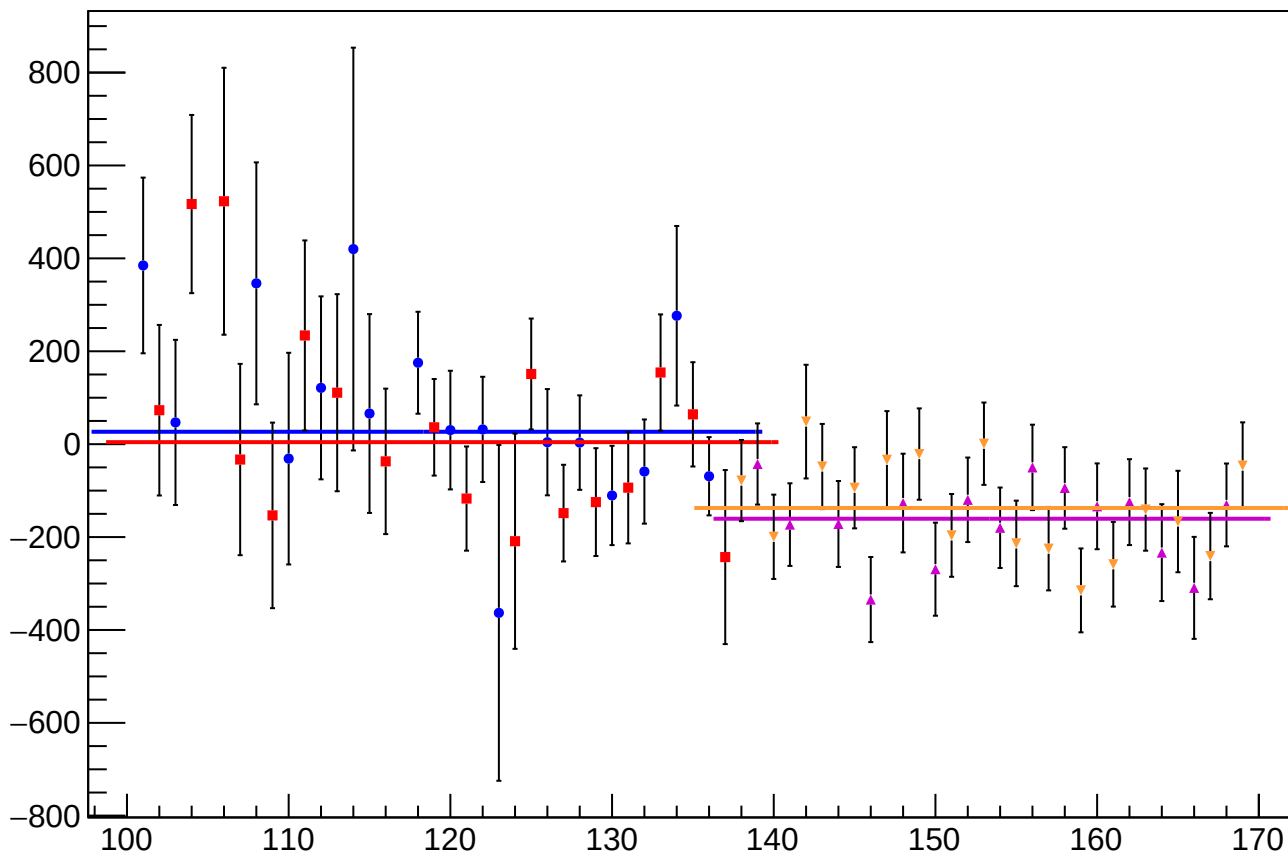
Right: 8255.767+/-1.640 χ^2 /NDF: 1737062.4/34

In: 9027.590+/-1.523 χ^2 /NDF: 1698204.5/31

Out: 8760.159+/-1.433 χ^2 /NDF: 1709995.3/34

All: 8885.743+/-1.043 χ^2 /NDF: 3424564.4/66

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2 /NDF: 14.5/16

Left Out: -137.366 $\pm$ 22.679 χ^2 /NDF:19.2/16

Right Out: 4.338 $\pm$ 33.842 χ^2 /NDF: 23.9/17

Left In: -160.532 $\pm$ 24.121 χ^2 /NDF:11.7/14

Left: -148.236 $\pm$ 16.523 χ^2 /NDF: 31.4/31

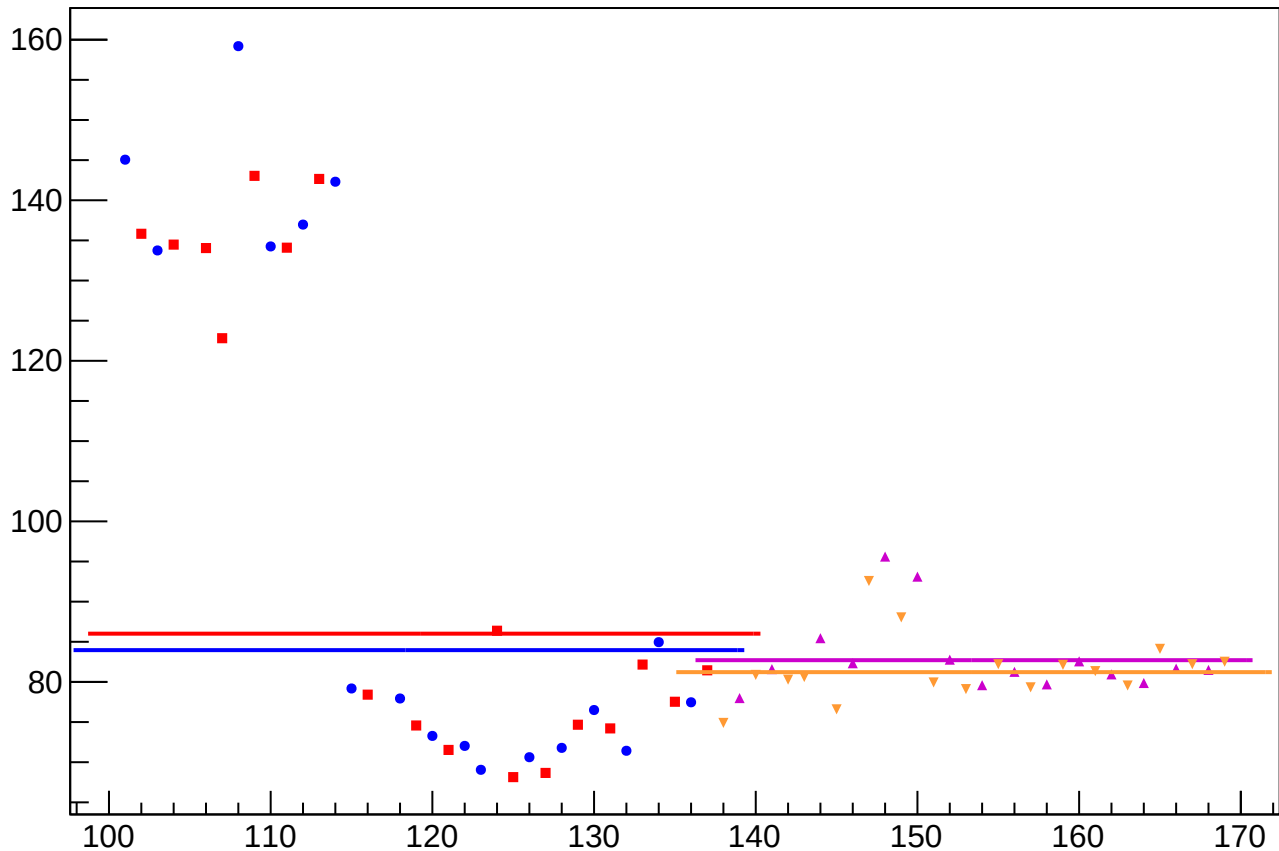
Right: 15.597 $\pm$ 23.853 χ^2 /NDF: 38.7/34

In: -96.915 $\pm$ 19.600 χ^2 /NDF:46.7/31

Out: -93.451 $\pm$ 18.840 χ^2 /NDF:55.2/34

All: -95.115 $\pm$ 13.582 χ^2 /NDF: 101.9/66

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.219+/-0.016 χ^2/NDF : 55060.4/16

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 82.710+/-0.017 χ^2/NDF : 67249.9/14

Left: 81.918+/-0.012 χ^2/NDF : 126365.4/31

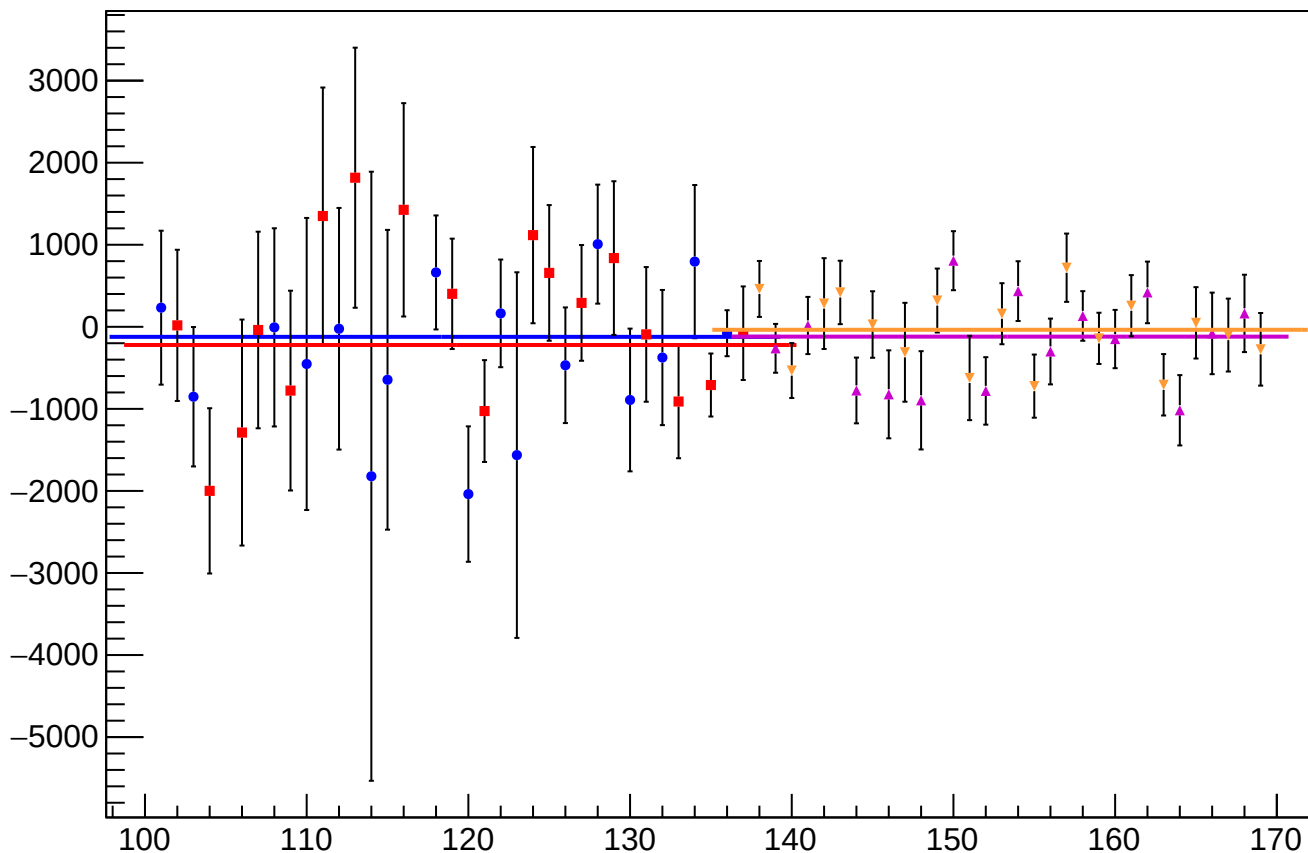
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.135+/-0.014 χ^2/NDF : 1029331.1/31

Out: 82.704+/-0.013 χ^2/NDF : 1109151.8/34

All: 82.911+/-0.010 χ^2/NDF : 2138984.1/66

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -36.227 $\pm$ 96.882 χ^2 /NDF:19.5/16

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -119.728 $\pm$ 100.303 χ^2 /NDF:25.7/14

Left: -76.529 $\pm$ 69.684 χ^2 /NDF: 45.5/31

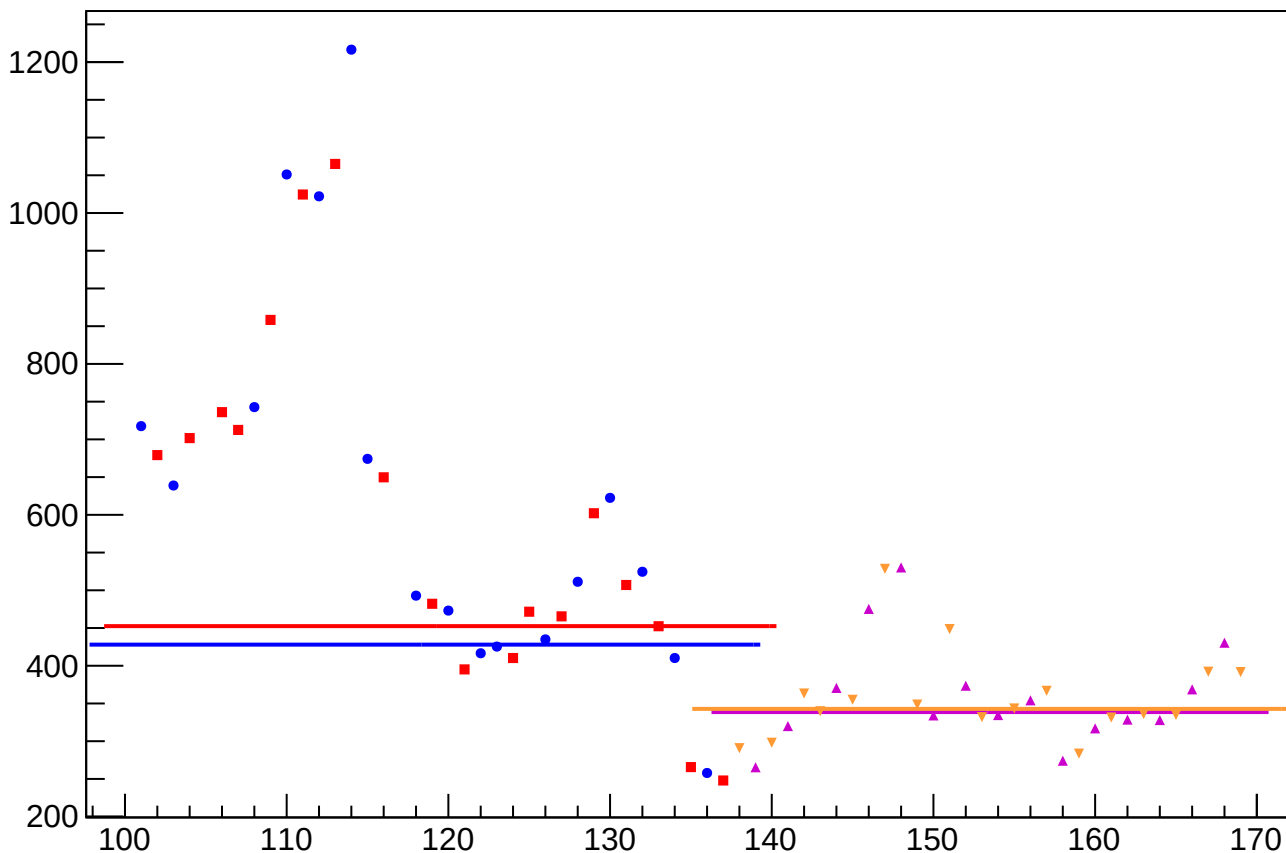
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -120.366 $\pm$ 87.570 χ^2 /NDF:38.7/31

Out: -76.074 $\pm$ 85.835 χ^2 /NDF:38.3/34

All: -97.777 $\pm$ 61.299 χ^2 /NDF: 77.2/66

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 342.833+/-0.069 χ^2/NDF :494800.4/16

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

Left In: 338.609+/-0.071 χ^2/NDF :676694.3/14

Left: 340.794+/-0.049 χ^2/NDF : 1173329.4/31

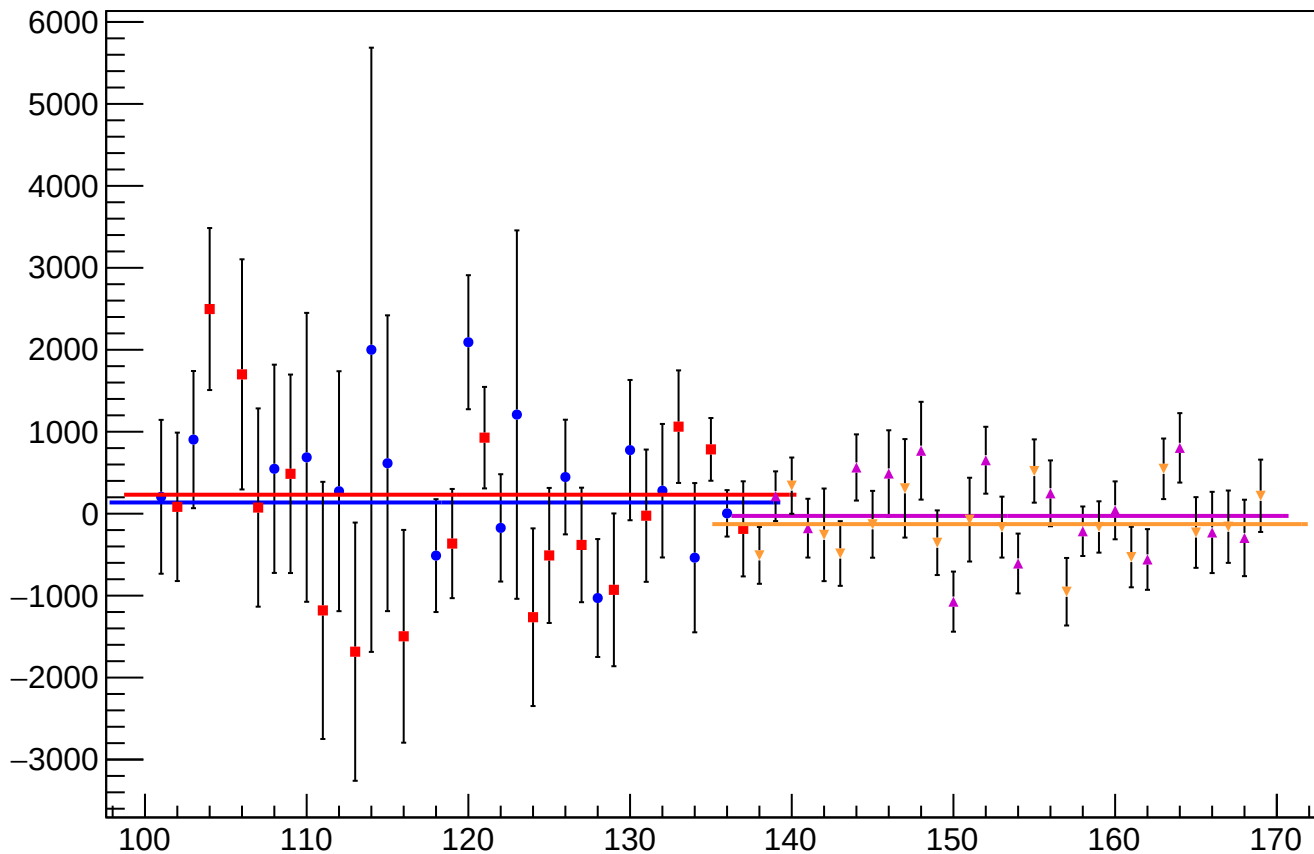
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 359.860+/-0.062 χ^2/NDF :3116522.9/31

Out: 366.417+/-0.061 χ^2/NDF :3119005.2/34

All: 363.204+/-0.043 χ^2/NDF : 6241247.1/66

asym_sam1_mean vs Slug, Sign Corrected



Left: -79.070 ± 69.924 $\chi^2/\text{NDF}: 43.8/31$

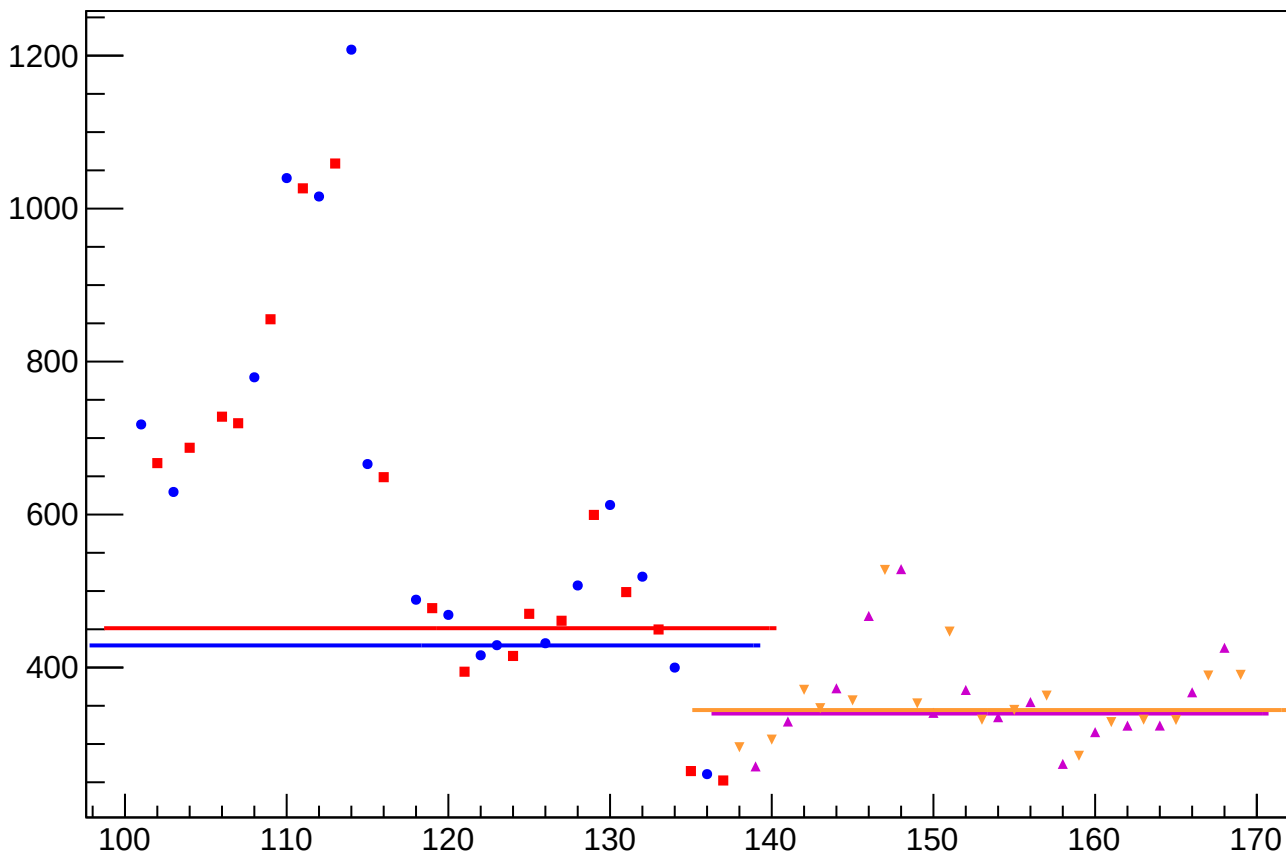
Right: 182.905 ± 128.724 $\chi^2/\text{NDF}: 34.5/34$

In: 11.978 ± 87.769 $\chi^2/\text{NDF}: 39.7/31$

Out: -49.520 ± 86.045 $\chi^2/\text{NDF}: 41.6/34$

All: -19.381 ± 61.444 $\chi^2/\text{NDF}: 81.5/66$

asym_sam1_rms vs Slug, Sign Corrected



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

Left Out: 344.397+/-0.069 χ^2/NDF : 468281.0/16

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

Left In: 339.853+/-0.071 χ^2/NDF : 635559.0/14

Left: 342.201+/-0.049 χ^2/NDF : 1105949.0/31

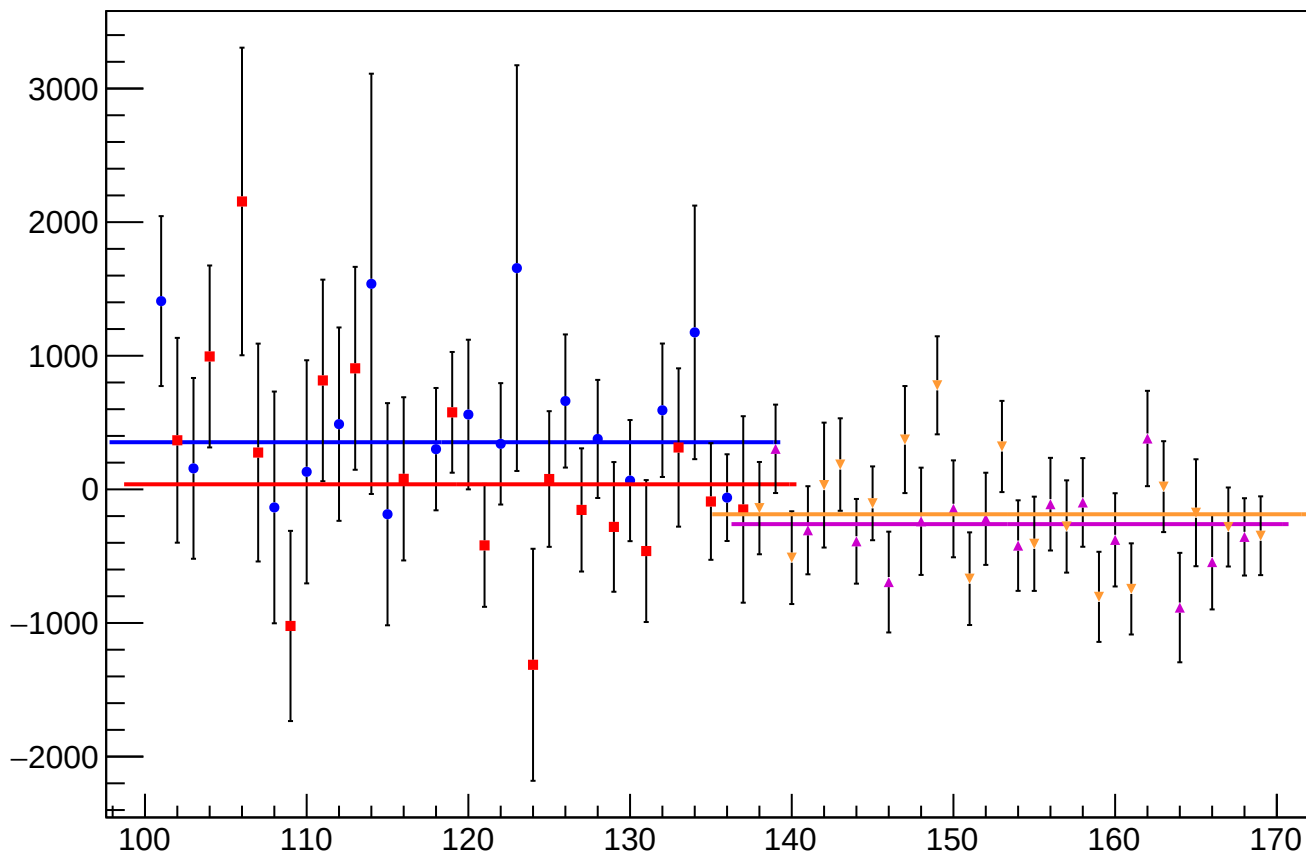
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 361.114+/-0.062 χ^2/NDF : 3020273.5/31

Out: 367.653+/-0.061 χ^2/NDF : 3025209.1/34

All: 364.448+/-0.043 χ^2/NDF : 6051141.9/66

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -186.267 ± 83.073 $\chi^2/\text{NDF}: 22.6/16$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -260.159 ± 89.238 $\chi^2/\text{NDF}: 11.6/14$

Left: -220.572 ± 60.804 $\chi^2/\text{NDF}: 34.6/31$

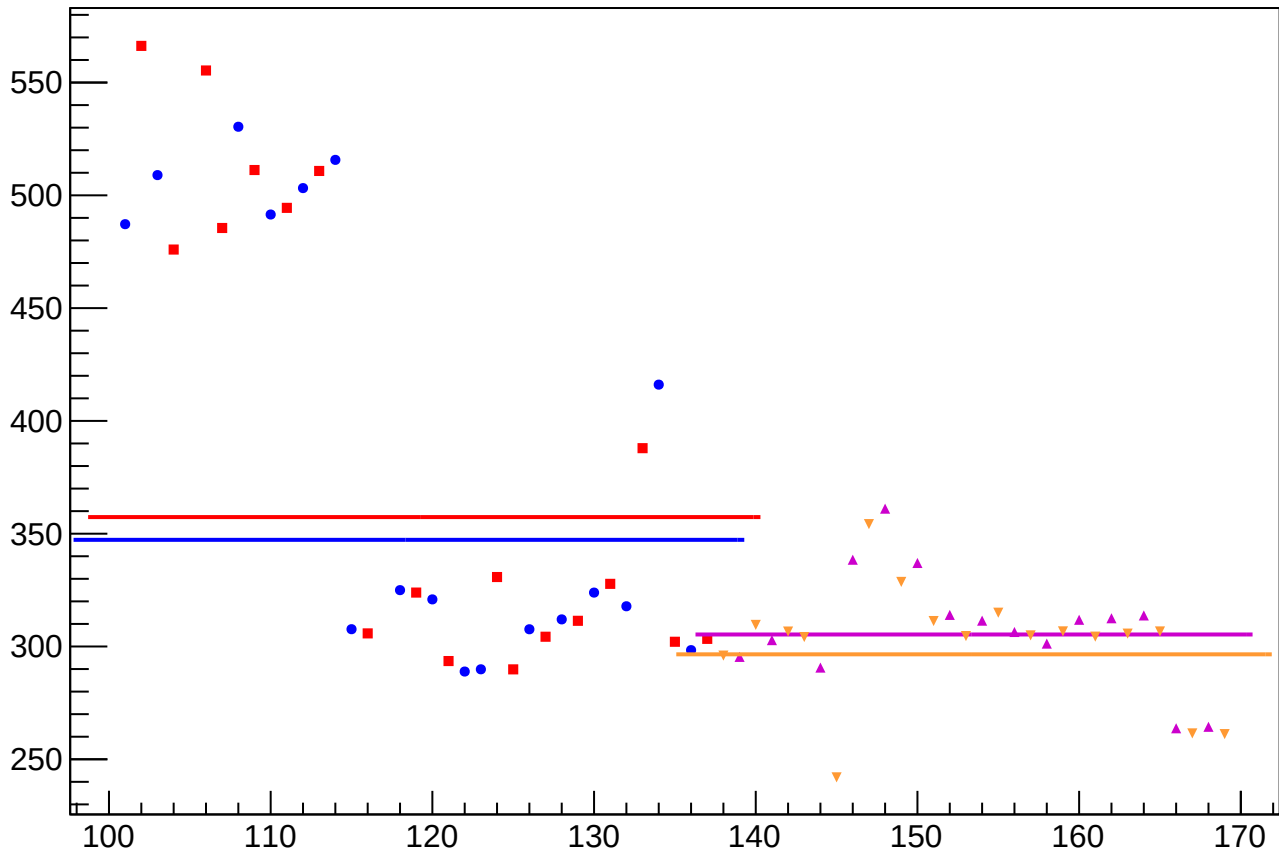
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: -78.080 ± 74.823 $\chi^2/\text{NDF}: 34.1/31$

Out: -127.264 ± 71.311 $\chi^2/\text{NDF}: 41.5/34$

All: -103.853 ± 51.621 $\chi^2/\text{NDF}: 75.8/66$

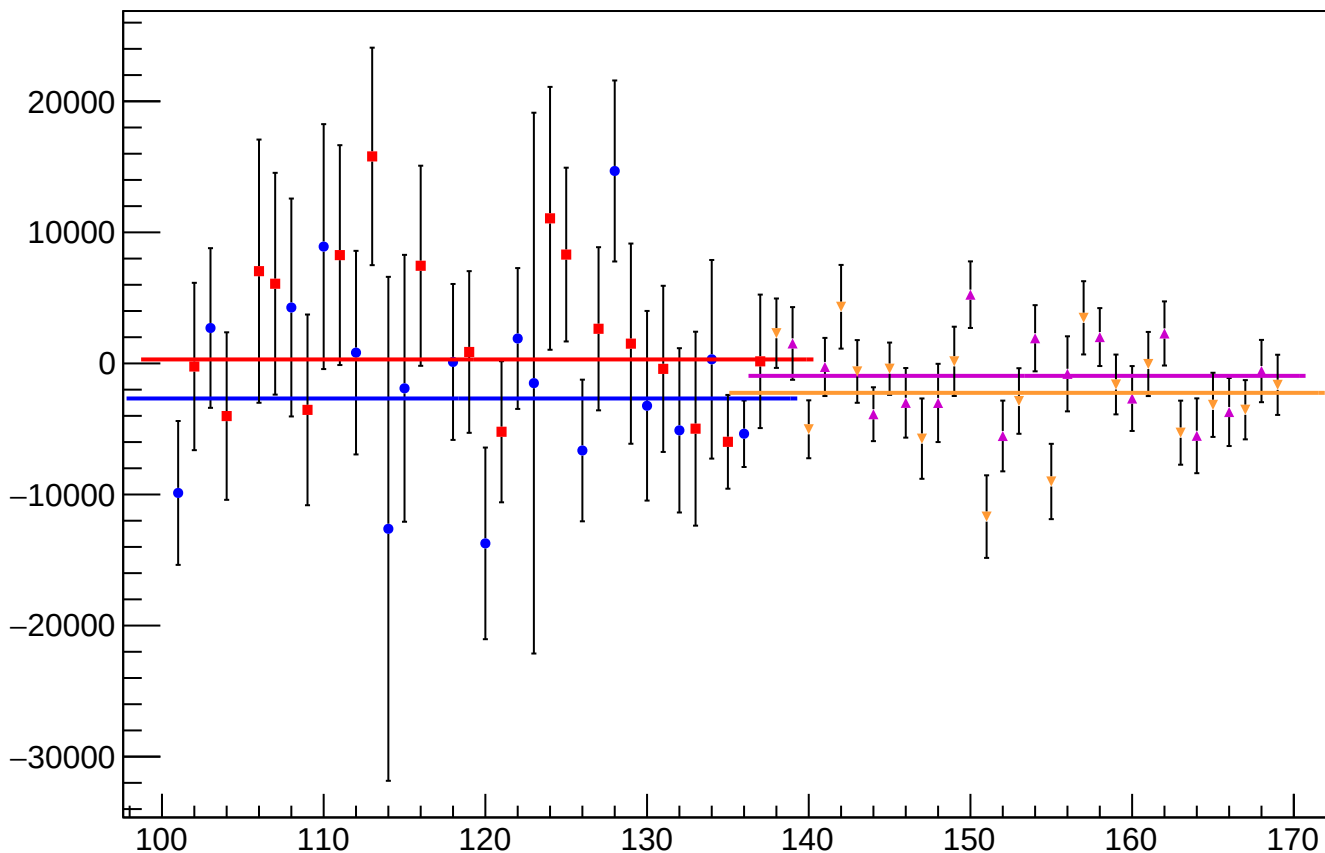
dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16
 Left Out: 296.525 $\pm$ 0.059 χ^2/NDF :213429.8/16
 Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17
 Left In: 305.322 $\pm$ 0.063 χ^2/NDF :147657.9/14

Left: 300.609 $\pm$ 0.043 χ^2/NDF : 371500.3/31
 Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34
 In: 317.783 $\pm$ 0.053 χ^2/NDF :897873.9/31
 Out: 312.532 $\pm$ 0.050 χ^2/NDF :1255620.1/34
 All: 315.031 $\pm$ 0.037 χ^2/NDF : 2158654.3/66

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -2244.466 $\pm$ 607.436 χ^2/NDF : 34.0/16

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -947.813 $\pm$ 648.371 χ^2/NDF : 21.9/14

Left: -1638.362 $\pm$ 443.288 χ^2/NDF : 58.0/31

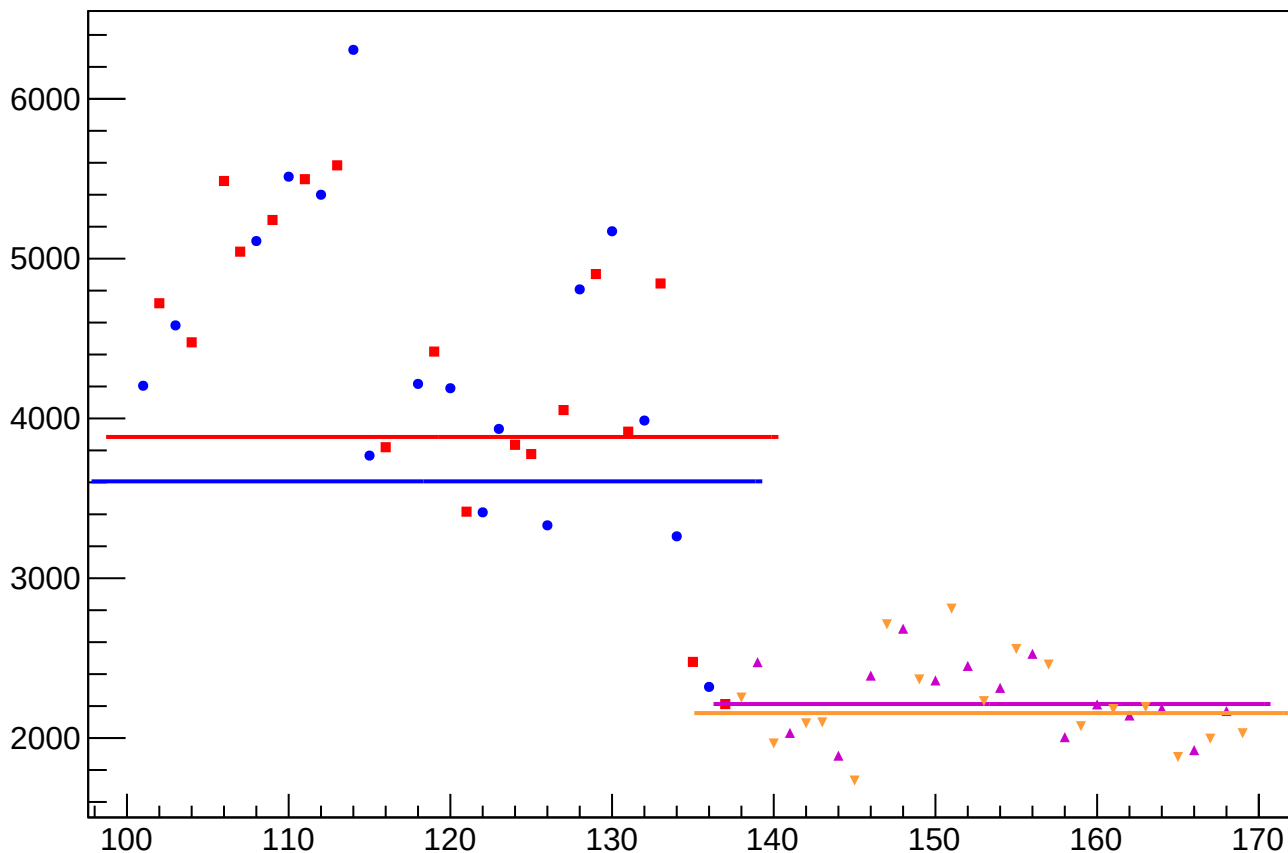
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -1233.414 $\pm$ 592.311 χ^2/NDF : 39.8/31

Out: -1892.539 $\pm$ 563.951 χ^2/NDF : 50.8/34

All: -1579.133 $\pm$ 408.432 χ^2/NDF : 91.2/66

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2156.275+/-0.430 χ^2/NDF : 382617.4/16

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2212.909+/-0.458 χ^2/NDF : 234082.5/14

Left: 2182.748+/-0.313 χ^2/NDF : 624826.4/31

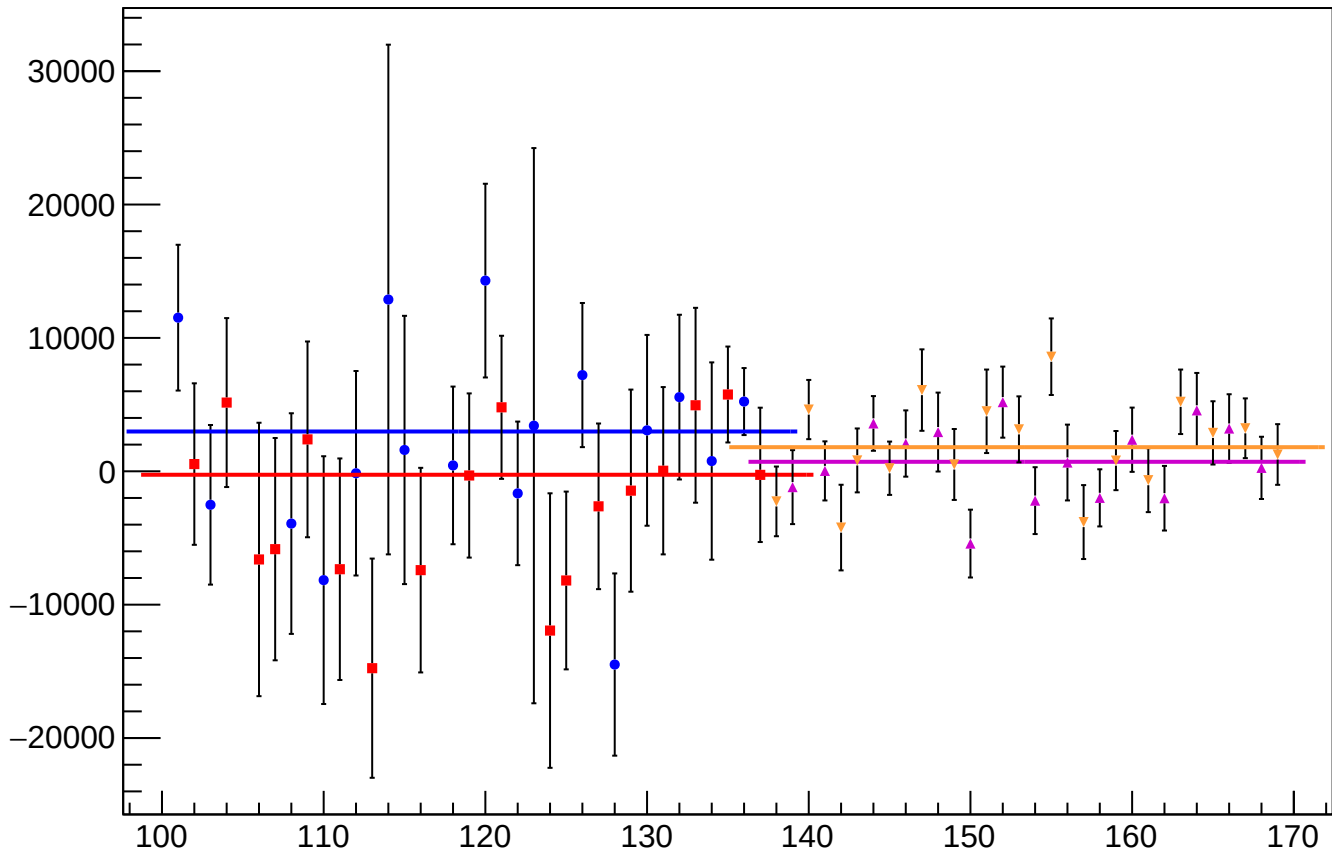
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2443.454+/-0.419 χ^2/NDF : 2854978.4/31

Out: 2394.815+/-0.399 χ^2/NDF : 3611356.7/34

All: 2417.942+/-0.289 χ^2/NDF : 6473409.1/60

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1807.617+/-602.425 χ^2/NDF : 25.2/16

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 711.876+/-639.012 χ^2/NDF : 19.6/14

Left: 1292.012+/-438.343 χ^2/NDF : 46.3/31

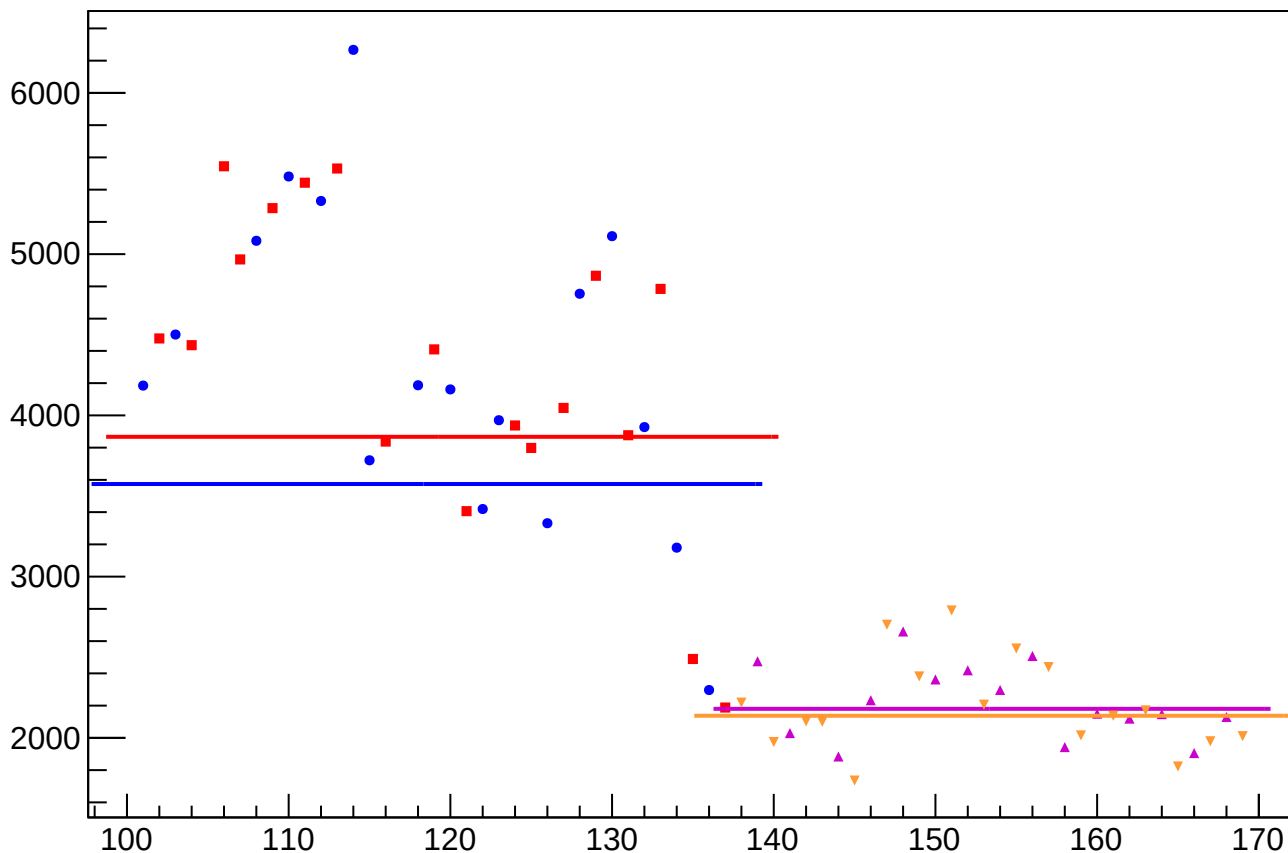
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1084.059+/-584.326 χ^2/NDF : 39.1/31

Out: 1523.860+/-559.556 χ^2/NDF : 40.3/34

All: 1313.479+/-404.139 χ^2/NDF : 79.7/66

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2137.165 $\pm$ 0.426 χ^2 /NDF: 391831.9/16

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2180.022 $\pm$ 0.452 χ^2 /NDF: 234324.6/14

Left: 2157.331 $\pm$ 0.310 χ^2 /NDF: 630919.4/31

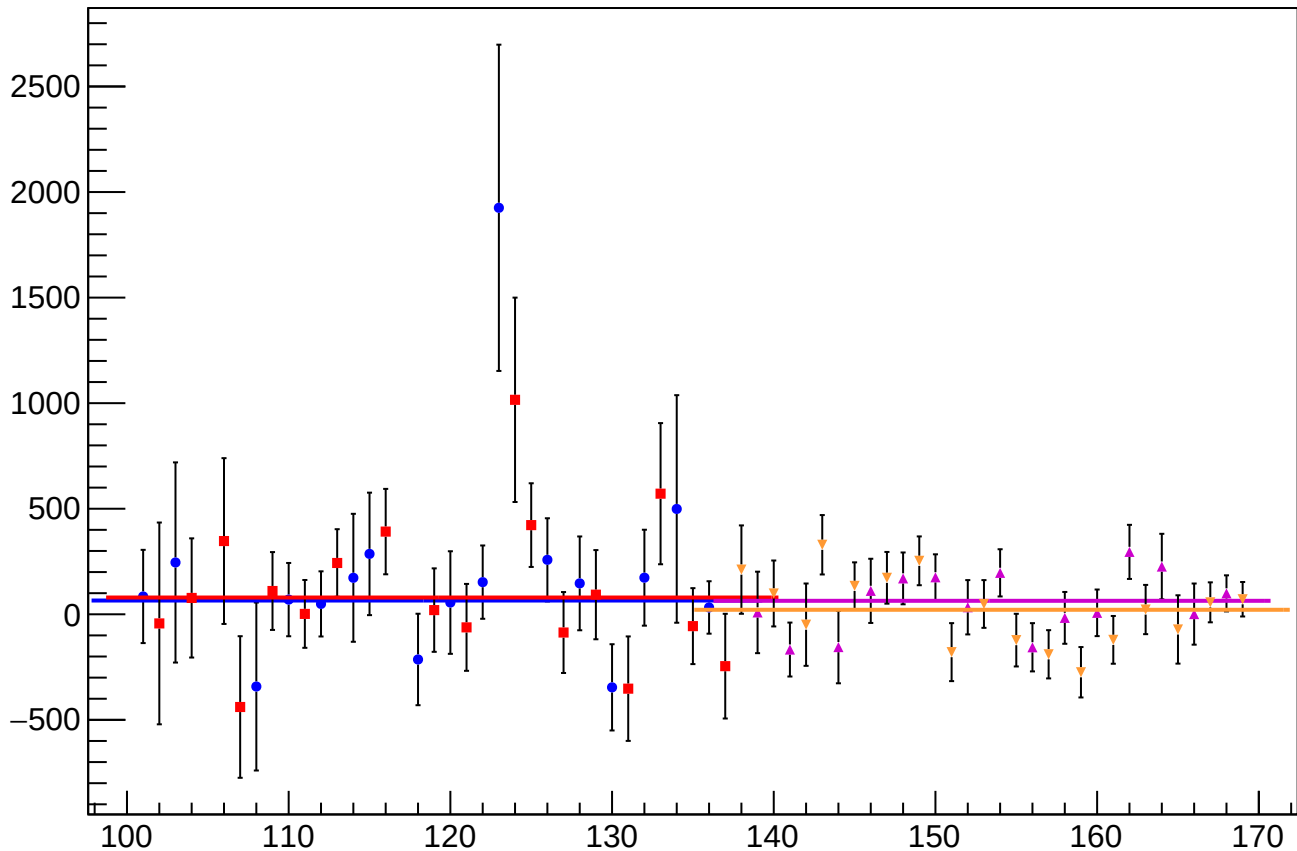
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2408.460 $\pm$ 0.413 χ^2 /NDF: 2885764.2/31

Out: 2374.629 $\pm$ 0.396 χ^2 /NDF: 3624015.9/34

All: 2390.812 $\pm$ 0.286 χ^2 /NDF: 6513277.3/66

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2/NDF : 15.7/16

Left Out: 21.340 $\pm$ 29.408 χ^2/NDF : 28.1/16

Right Out: 79.473 $\pm$ 52.344 χ^2/NDF : 22.2/17

Left In: 63.845 $\pm$ 32.128 χ^2/NDF : 17.5/14

Left: 40.717 $\pm$ 21.693 χ^2/NDF : 46.5/31

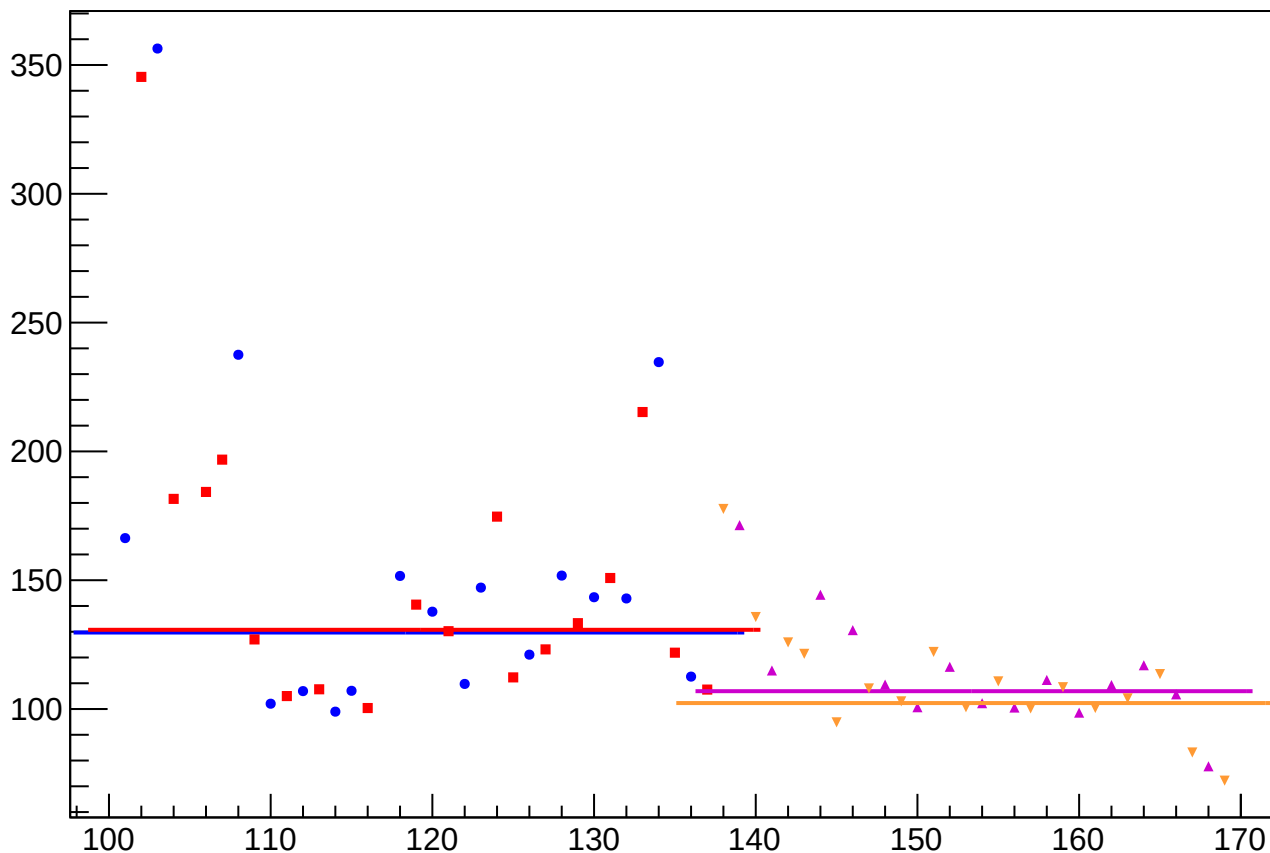
Right: 72.397 $\pm$ 37.138 χ^2/NDF : 37.9/34

In: 64.219 $\pm$ 27.432 χ^2/NDF : 33.2/31

Out: 35.287 $\pm$ 25.639 χ^2/NDF : 51.2/34

All: 48.776 $\pm$ 18.731 χ^2/NDF : 85.0/66

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 102.313 $\pm$ 0.021 χ^2 /NDF: 852387.6/16

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 106.923 $\pm$ 0.023 χ^2 /NDF: 658712.0/14

Left: 104.415 $\pm$ 0.015 χ^2 /NDF: 1533510.2/31

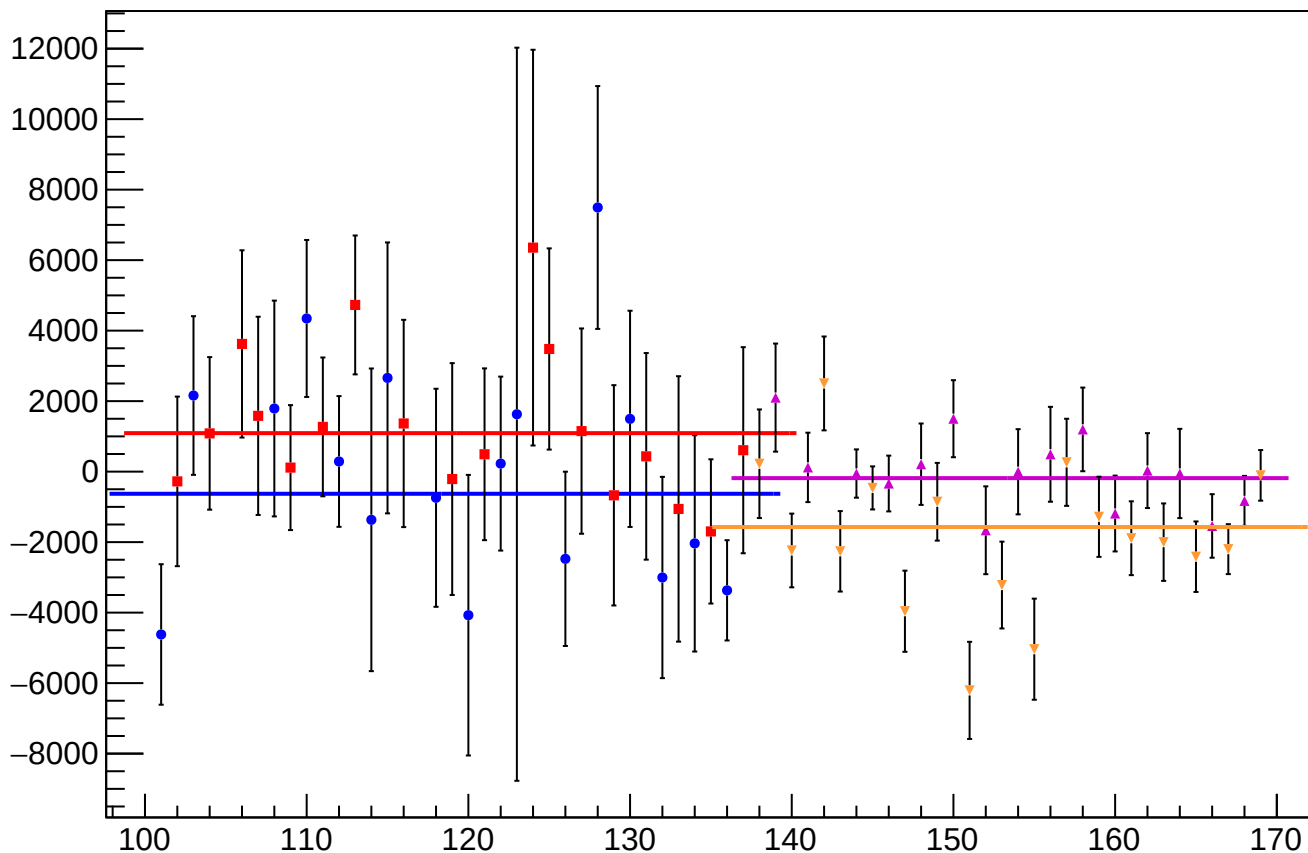
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 113.094 $\pm$ 0.019 χ^2 /NDF: 1920674.2/31

Out: 109.136 $\pm$ 0.018 χ^2 /NDF: 2228645.0/34

All: 110.981 $\pm$ 0.013 χ^2 /NDF: 4171542.3/66

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1571.848+/-244.695 χ^2/NDF : 46.6/16

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: -184.288+/-258.543 χ^2/NDF : 11.9/14

Left: -916.221+/-177.720 χ^2/NDF : 73.8/31

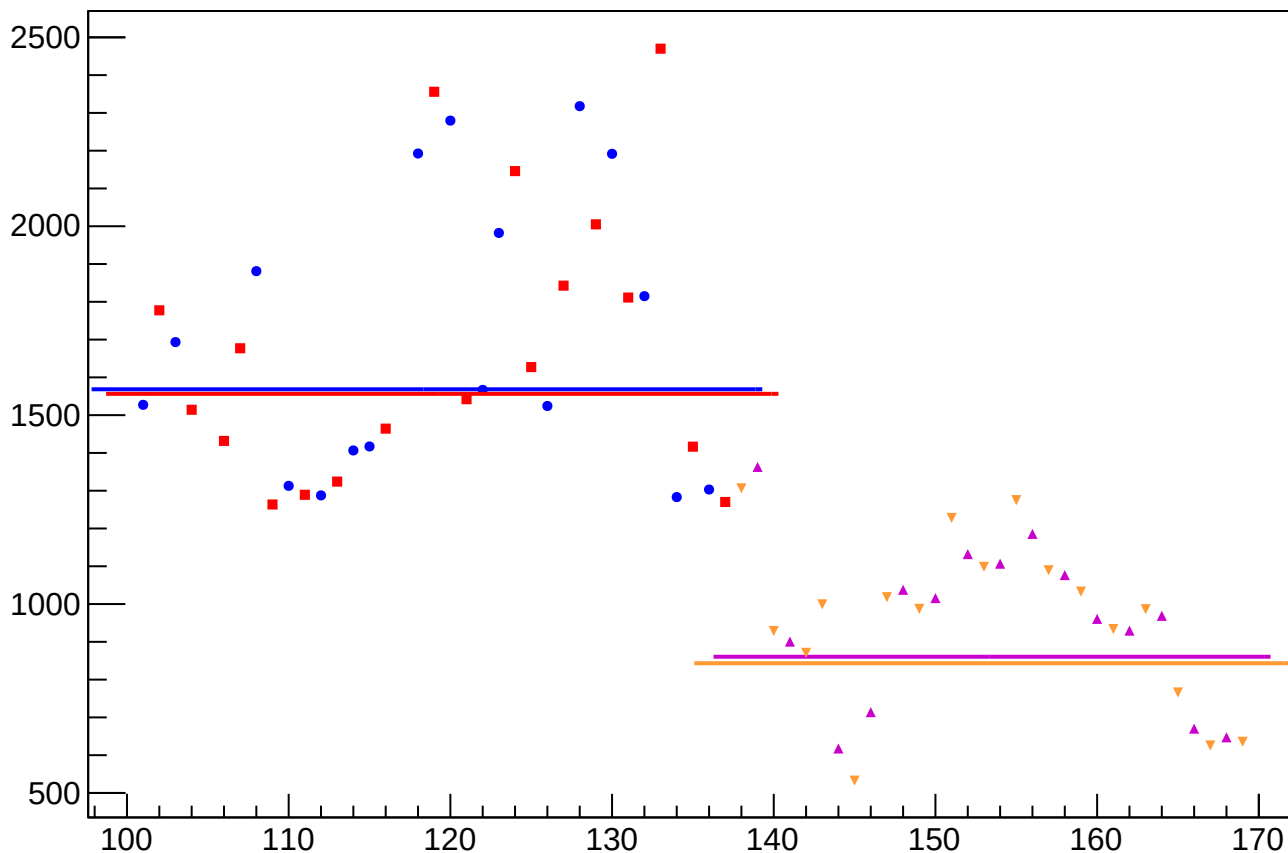
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -249.775+/-238.711 χ^2/NDF : 36.7/31

Out: -1191.419+/-226.550 χ^2/NDF : 72.9/34

All: -745.194+/-164.326 χ^2/NDF : 117.8/66

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 843.394+/-0.173 χ^2/NDF : 1805293.6/16

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 860.519+/-0.183 χ^2/NDF : 1297713.8/14

Left: 851.486+/-0.126 χ^2/NDF : 3107636.0/31

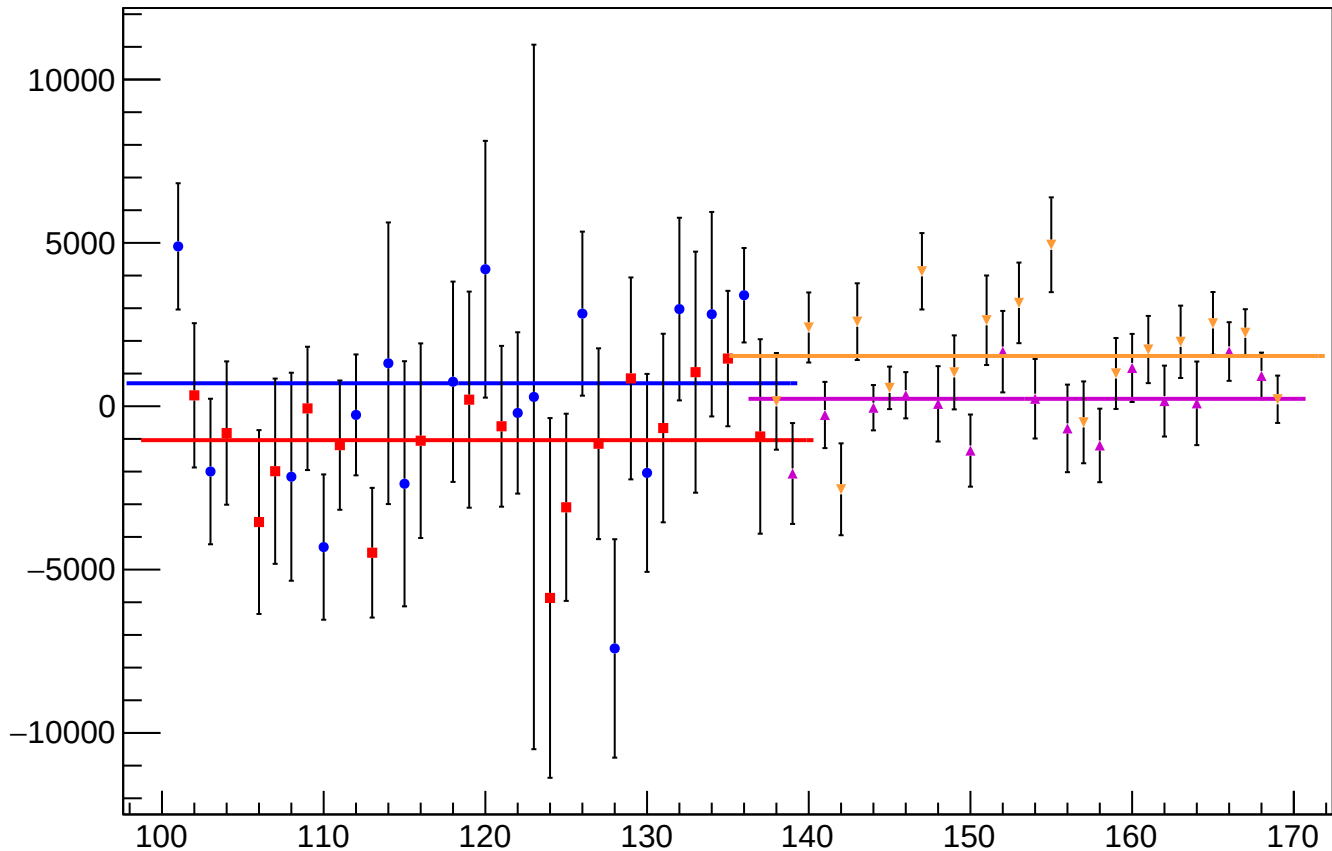
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 964.965+/-0.169 χ^2/NDF : 4044314.0/31

Out: 945.225+/-0.160 χ^2/NDF : 4741050.8/34

All: 954.579+/-0.116 χ^2/NDF : 8792560.4/66

asym_sam3_mean vs Slug, Sign Corrected



Left: 902.987 +/- 178.025 χ^2/NDF : 60.5/31

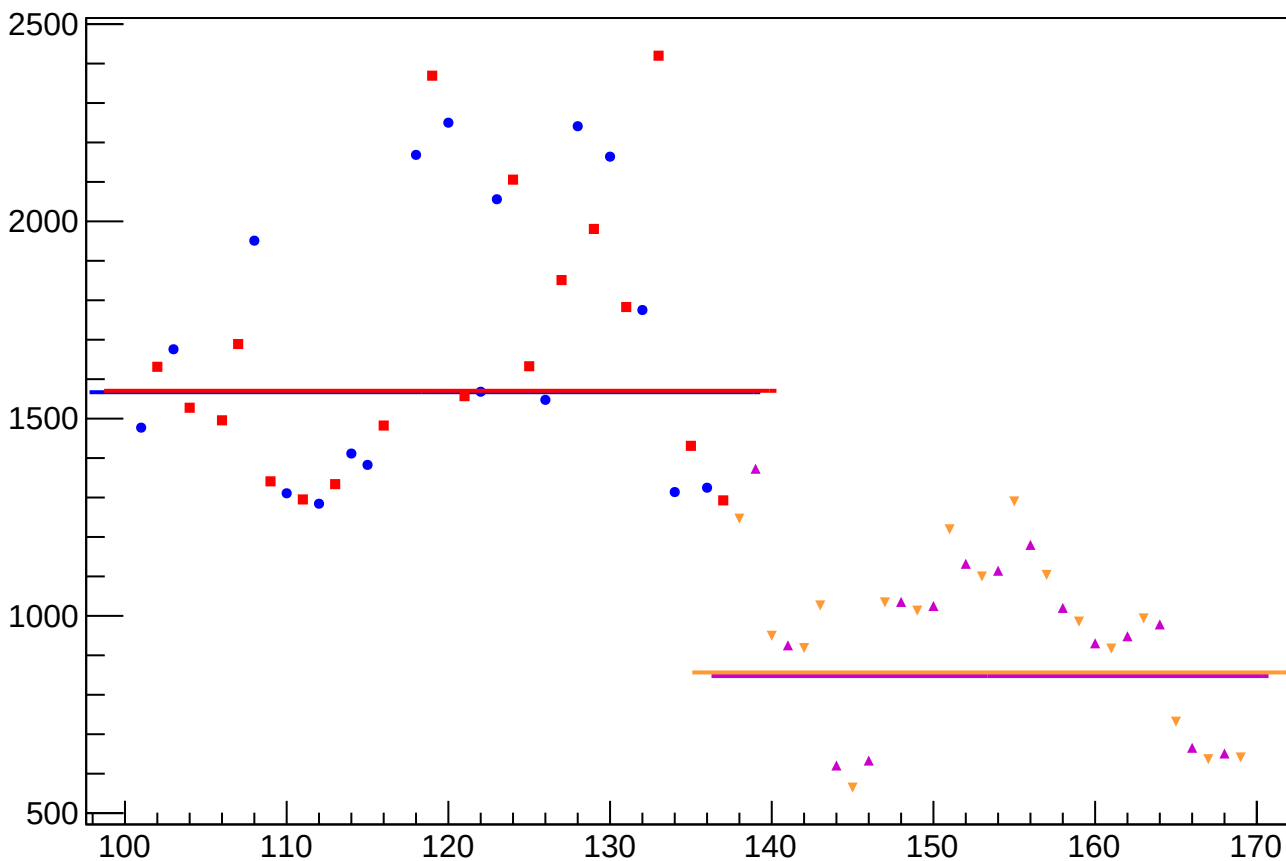
Right: -190.951 +/- 432.940 χ^2/NDF : 38.2/34

In: 296.059 +/- 236.435 χ^2/NDF : 39.0/31

Out: 1167.250 +/- 229.420 χ^2/NDF : 58.2/34

All: 744.770 +/- 164.649 χ^2/NDF : 104.2/66

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 856.614 $\pm$ 0.175 χ^2 /NDF: 1624176.4/16

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 847.472 $\pm$ 0.181 χ^2 /NDF: 1400511.3/14

Left: 852.183 $\pm$ 0.126 χ^2 /NDF: 3026004.9/31

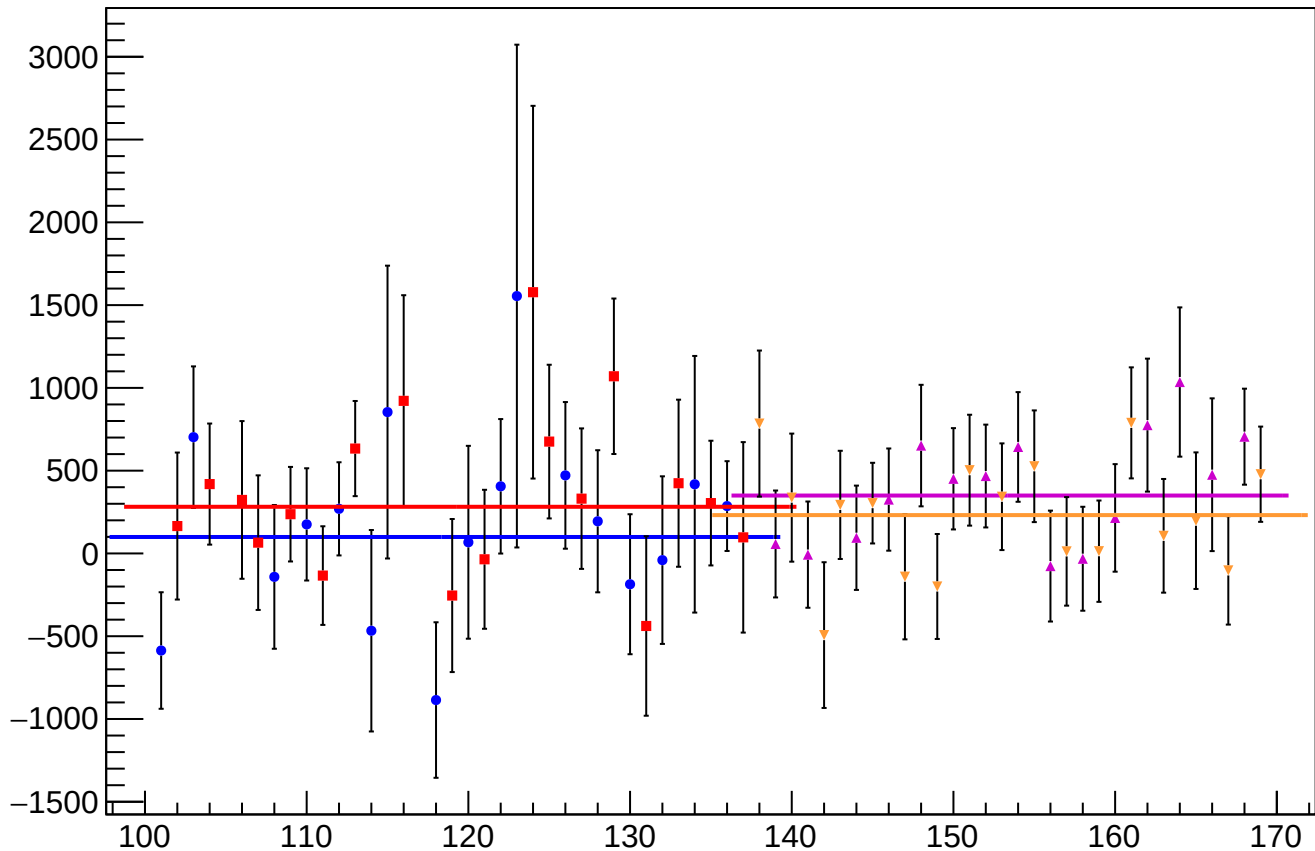
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 951.892 $\pm$ 0.167 χ^2 /NDF: 4198074.6/31

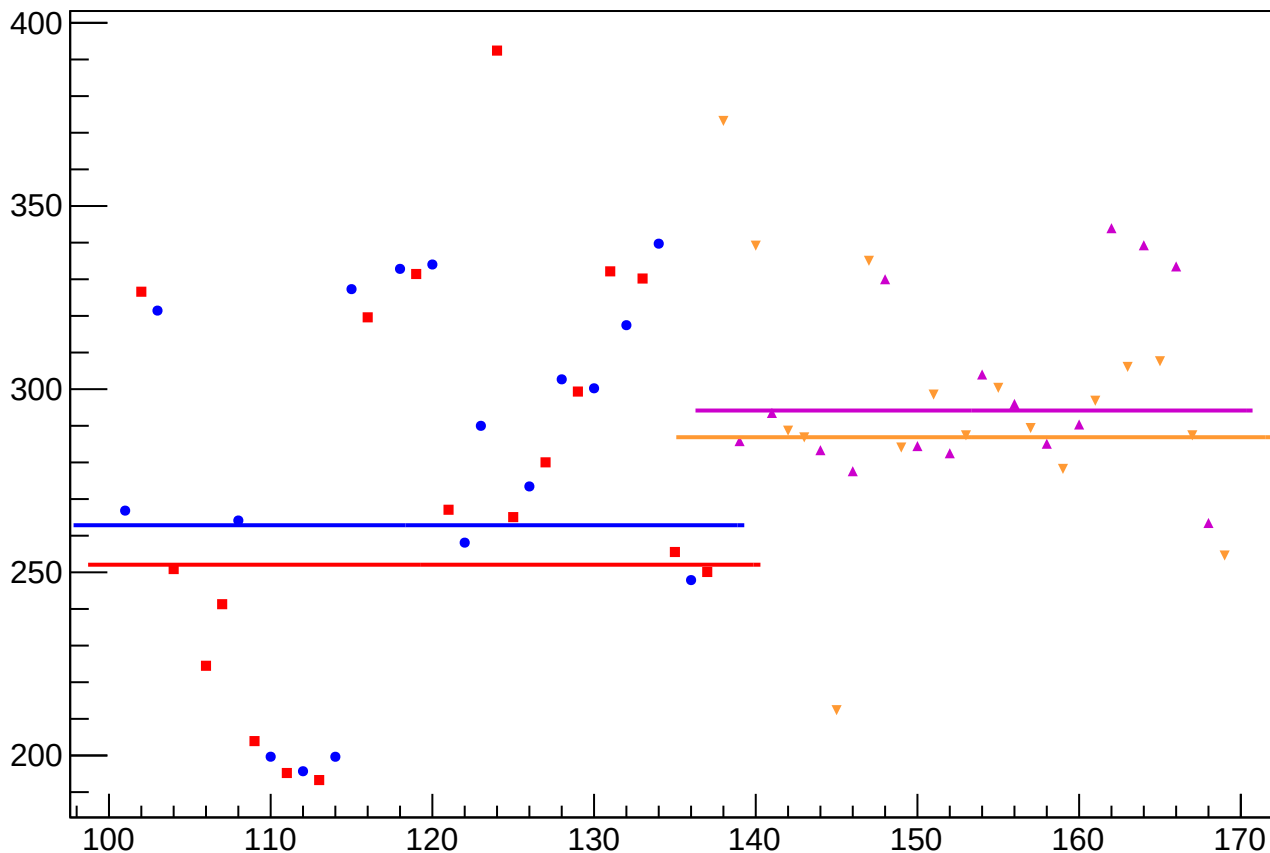
Out: 959.531 $\pm$ 0.162 χ^2 /NDF: 4452948.0/34

All: 955.827 $\pm$ 0.116 χ^2 /NDF: 8652098.0/66

dit_asym_sam4_mean vs Slug, Sign Corrected



dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2/NDF : 411698.3/16

Left Out: 286.885 $\pm$ 0.057 χ^2/NDF : 378472.8/16

Right Out: 252.079 $\pm$ 0.069 χ^2/NDF : 515150.4/17

Left In: 294.171 $\pm$ 0.061 χ^2/NDF : 124842.2/14

Left: 290.293 $\pm$ 0.042 χ^2/NDF : 510870.8/31

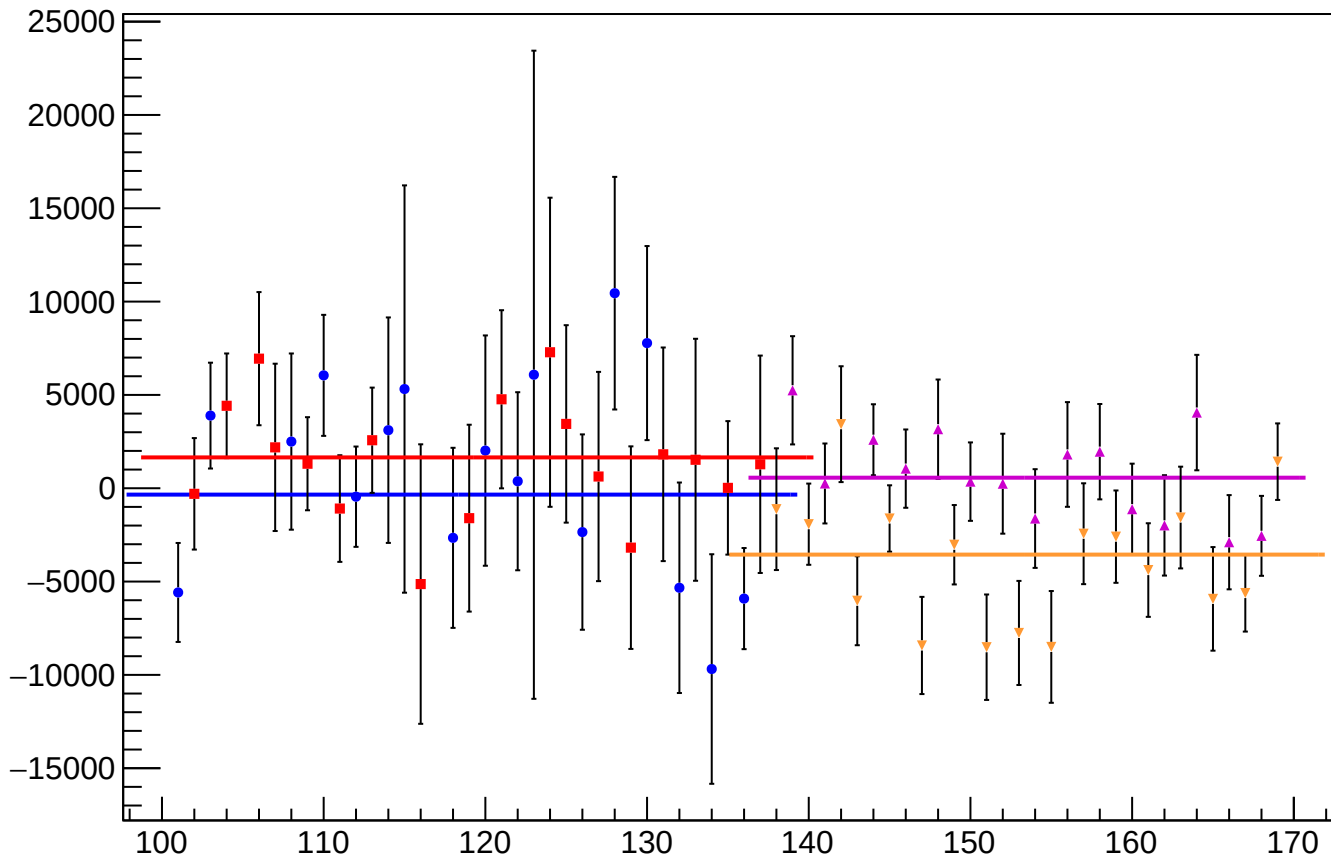
Right: 257.169 $\pm$ 0.050 χ^2/NDF : 938300.0/34

In: 281.292 $\pm$ 0.047 χ^2/NDF : 644398.1/31

Out: 272.720 $\pm$ 0.044 χ^2/NDF : 1043598.5/34

All: 276.746 $\pm$ 0.032 χ^2/NDF : 1705695.4/66

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -3555.622 $\pm$ 594.298 χ^2/NDF : 28.7/16

Right Out: 1651.954 $\pm$ 929.858 χ^2/NDF : 7.9/17

Left In: 565.092 $\pm$ 625.324 χ^2/NDF : 12.6/14

Left: -1600.026 $\pm$ 430.783 χ^2/NDF : 64.1/31

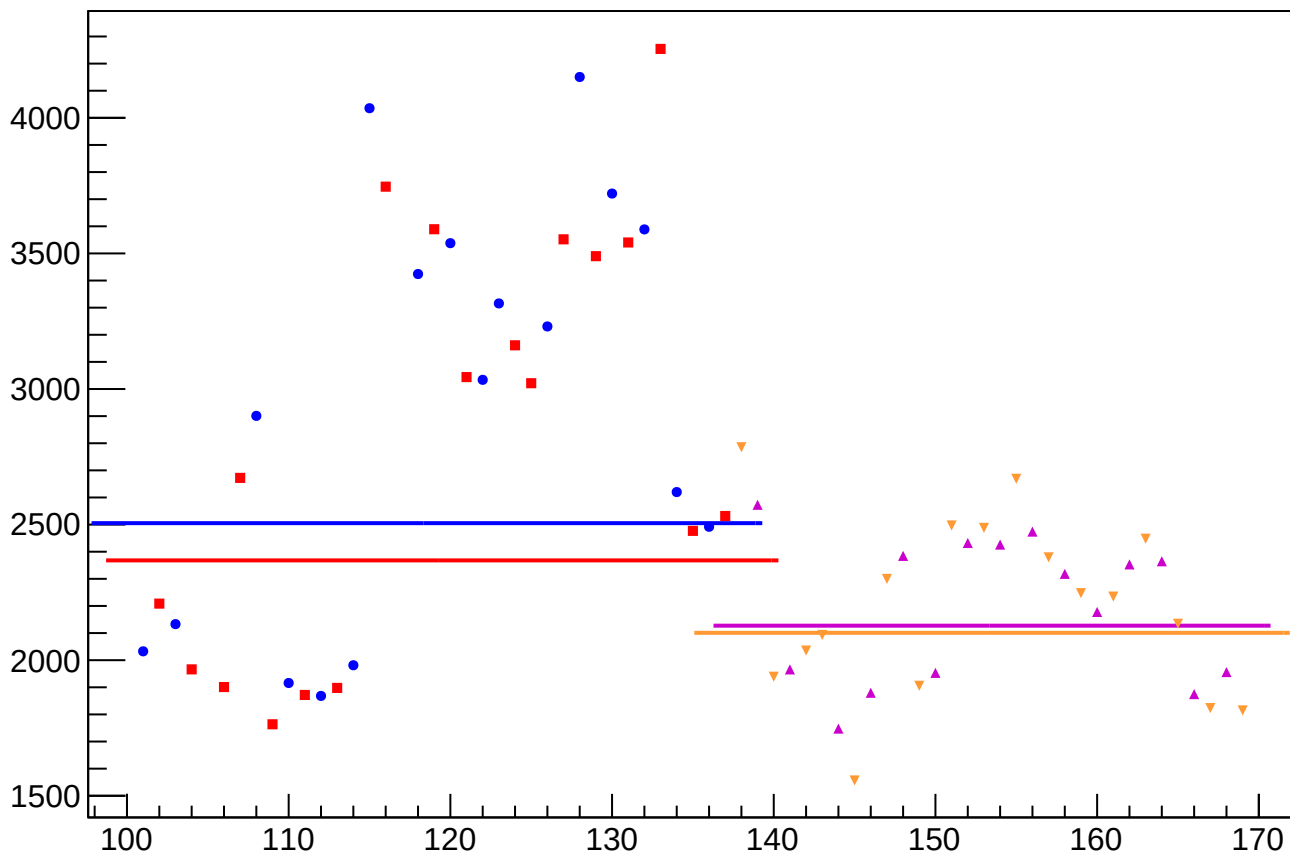
Right: 732.150 $\pm$ 682.415 χ^2/NDF : 34.5/34

In: 311.921 $\pm$ 530.884 χ^2/NDF : 37.6/31

Out: -2045.337 $\pm$ 500.758 χ^2/NDF : 58.9/34

All: -935.485 $\pm$ 364.274 χ^2/NDF : 107.0/66

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2100.895+/-0.420 χ^2/NDF : 607372.7/16

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2127.289+/-0.442 χ^2/NDF : 351367.7/14

Left: 2113.421+/-0.305 χ^2/NDF : 960612.5/31

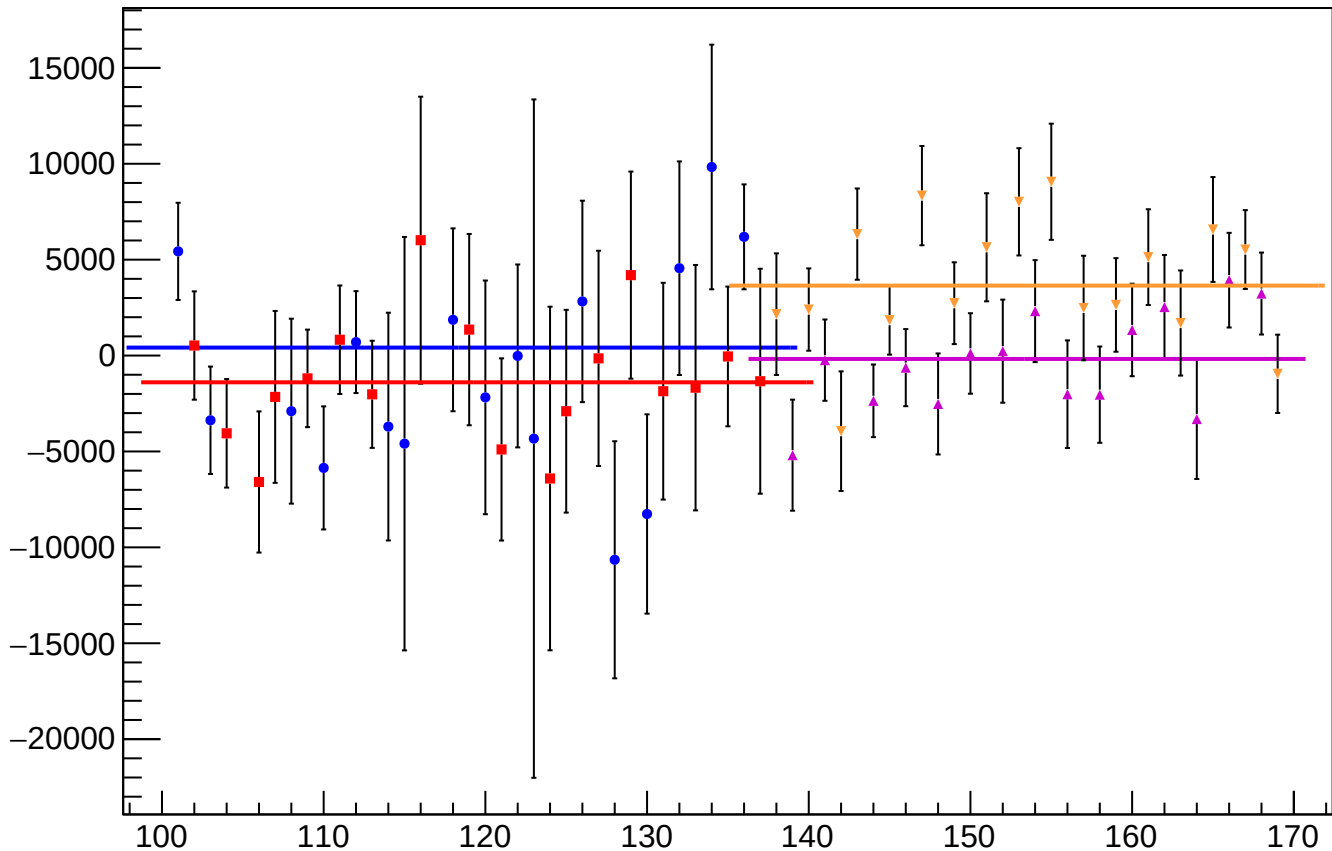
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2232.854+/-0.375 χ^2/NDF : 1419618.3/31

Out: 2178.361+/-0.354 χ^2/NDF : 1755423.1/34

All: 2204.018+/-0.258 χ^2/NDF : 3186192.5/66

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3647.184+/-592.828 χ^2/NDF : 26.7/16

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -176.135+/-620.332 χ^2/NDF : 14.8/14

Left: 1822.160+/-428.586 χ^2/NDF : 61.3/31

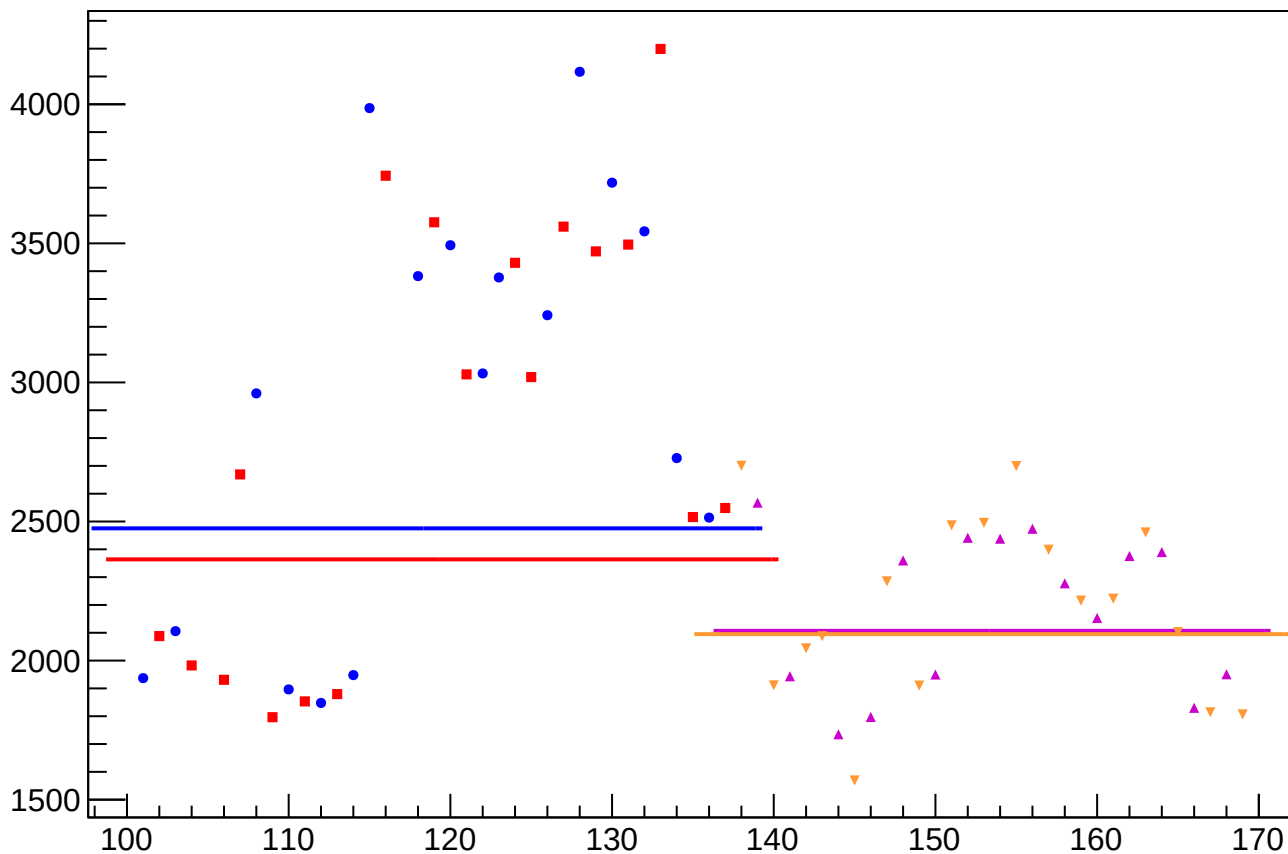
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -10.504+/-526.394 χ^2/NDF : 39.5/31

Out: 2188.179+/-499.744 χ^2/NDF : 55.1/34

All: 1145.902+/-362.428 χ^2/NDF : 103.8/66

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2095.091+/-0.419 χ^2/NDF : 592588.4/16

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2106.909+/-0.439 χ^2/NDF : 395006.8/14

Left: 2100.732+/-0.303 χ^2/NDF : 987974.6/31

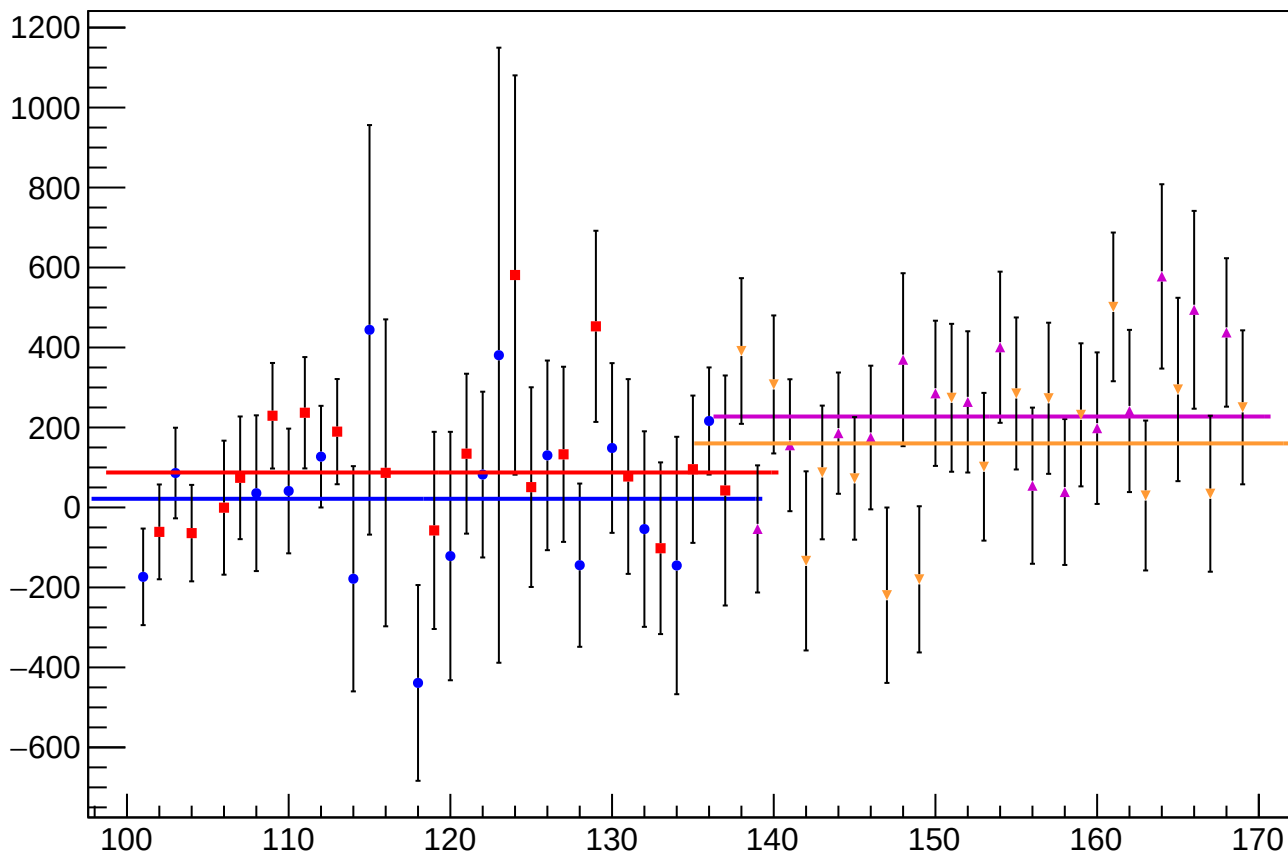
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2210.071+/-0.372 χ^2/NDF : 1505672.2/31

Out: 2172.881+/-0.353 χ^2/NDF : 1738464.9/34

All: 2190.511+/-0.256 χ^2/NDF : 3249387.6/66

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 160.161 $\pm$ 45.274 χ^2/NDF : 17.3/16

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 227.389 $\pm$ 47.935 χ^2/NDF : 11.5/14

Left: 191.857 $\pm$ 32.914 χ^2/NDF : 29.9/31

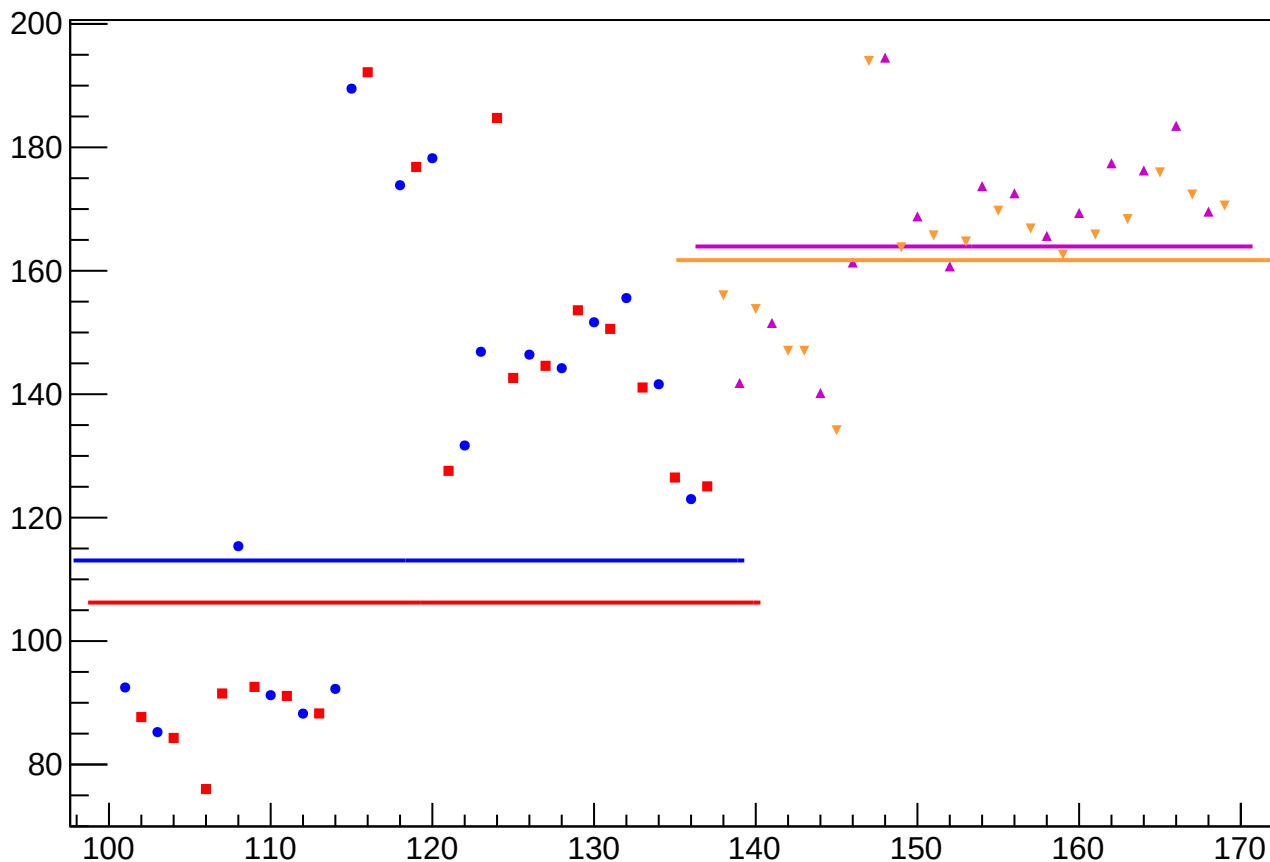
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 118.383 $\pm$ 32.869 χ^2/NDF : 33.9/31

Out: 120.926 $\pm$ 30.722 χ^2/NDF : 29.6/34

All: 119.740 $\pm$ 22.445 χ^2/NDF : 63.5/66

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 161.725+/-0.032 χ^2/NDF :166381.9/16

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 163.940+/-0.034 χ^2/NDF :181634.1/14

Left: 162.769+/-0.023 χ^2/NDF : 350274.1/31

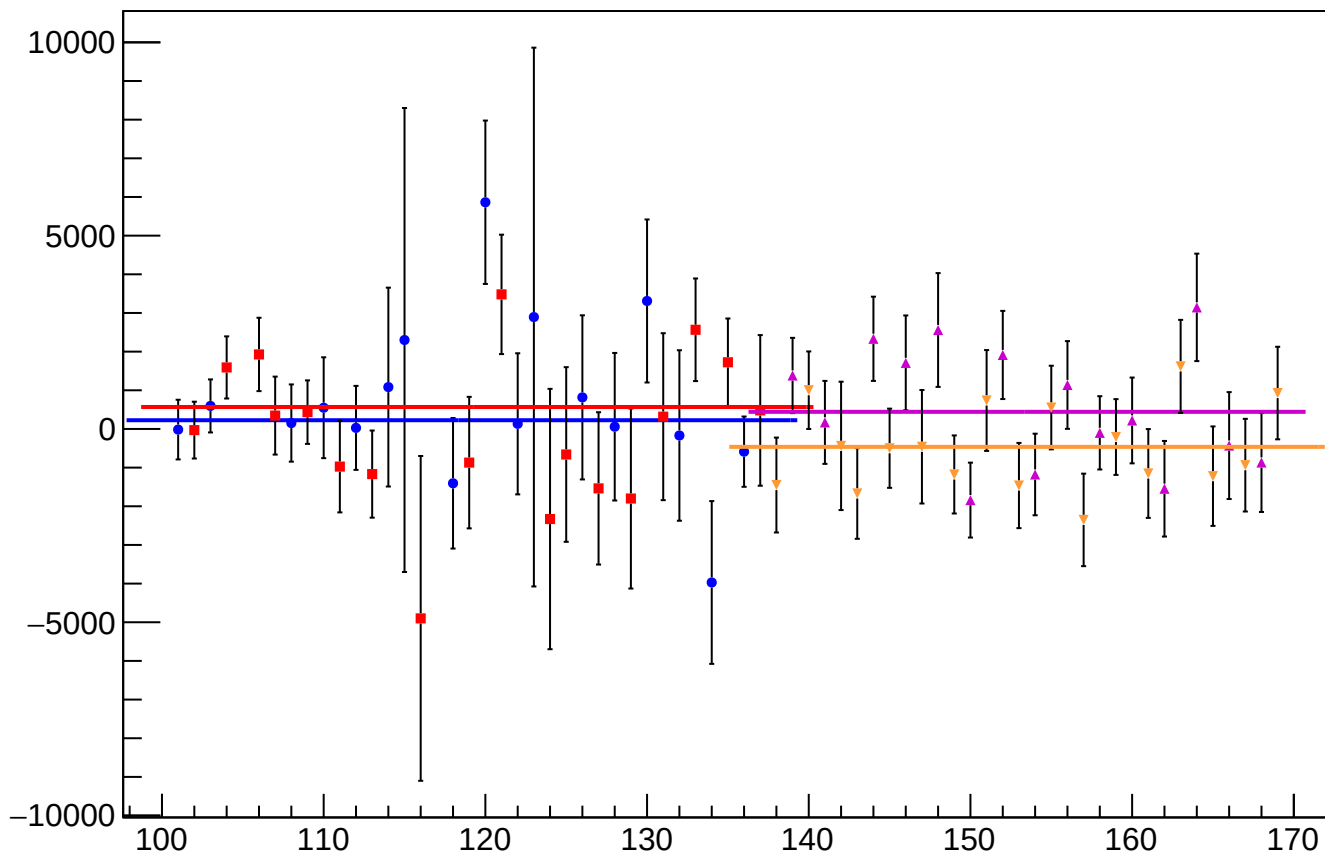
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 136.982+/-0.023 χ^2/NDF :2196335.1/31

Out: 131.790+/-0.022 χ^2/NDF :2738717.2/34

All: 134.211+/-0.016 χ^2/NDF : 4961692.4/66

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -463.312+/-281.718 χ^2/NDF :14.7/16

Right Out: 568.109+/-290.500 χ^2/NDF : 21.0/17

Left In: 443.108+/-293.187 χ^2/NDF :25.3/14

Left: -28.177+/-203.138 χ^2/NDF : 44.9/31

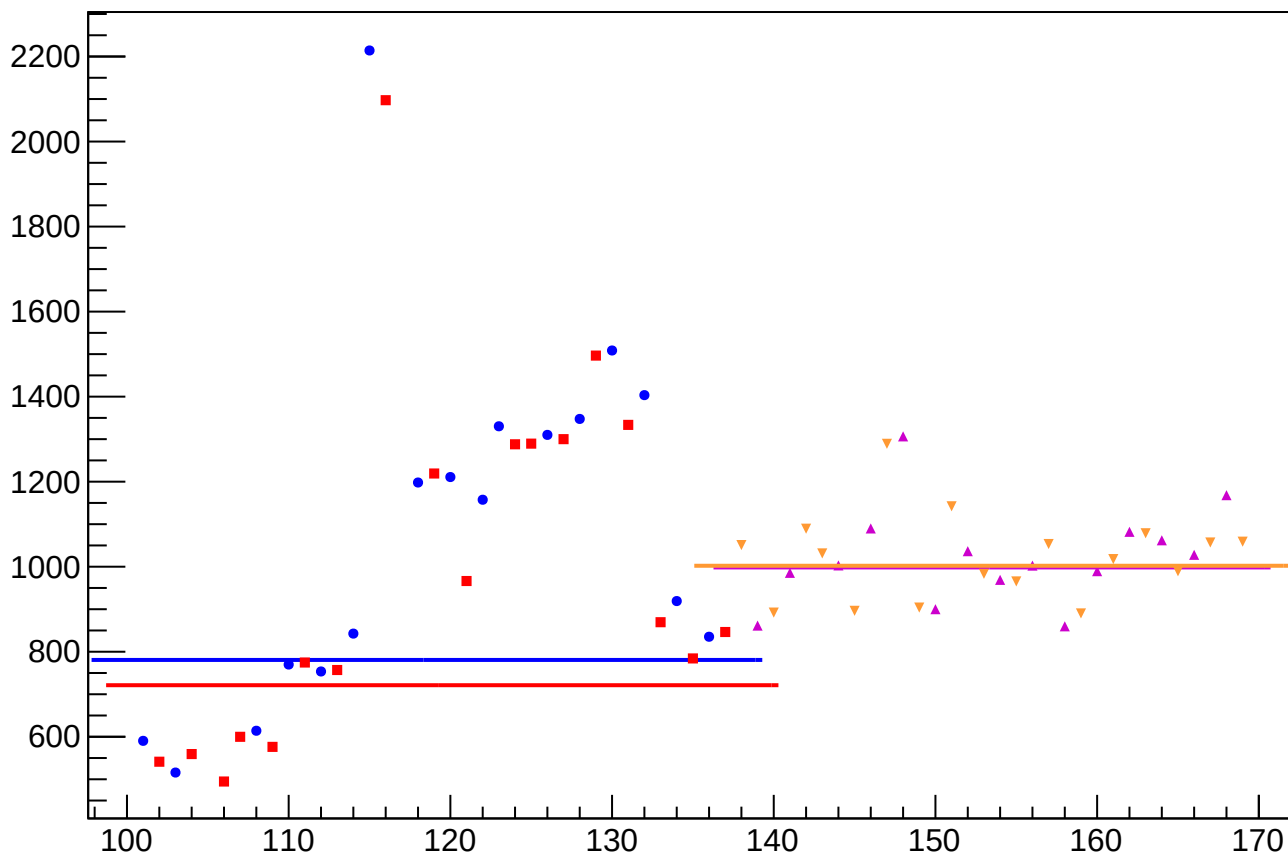
Right: 414.129+/-215.517 χ^2/NDF : 37.6/34

In: 344.337+/-216.607 χ^2/NDF :41.5/31

Out: 36.573+/-202.238 χ^2/NDF :42.1/34

All: 179.910+/-147.823 χ^2/NDF : 84.7/66

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2/NDF : 1609510.2/16

Left Out: 1002.219 $\pm$ 0.199 χ^2/NDF :223843.6/16

Right Out: 721.264 $\pm$ 0.205 χ^2/NDF : 1626627.9/17

Left In: 998.260 $\pm$ 0.207 χ^2/NDF :255557.2/14

Left: 1000.318 $\pm$ 0.144 χ^2/NDF : 479590.4/31

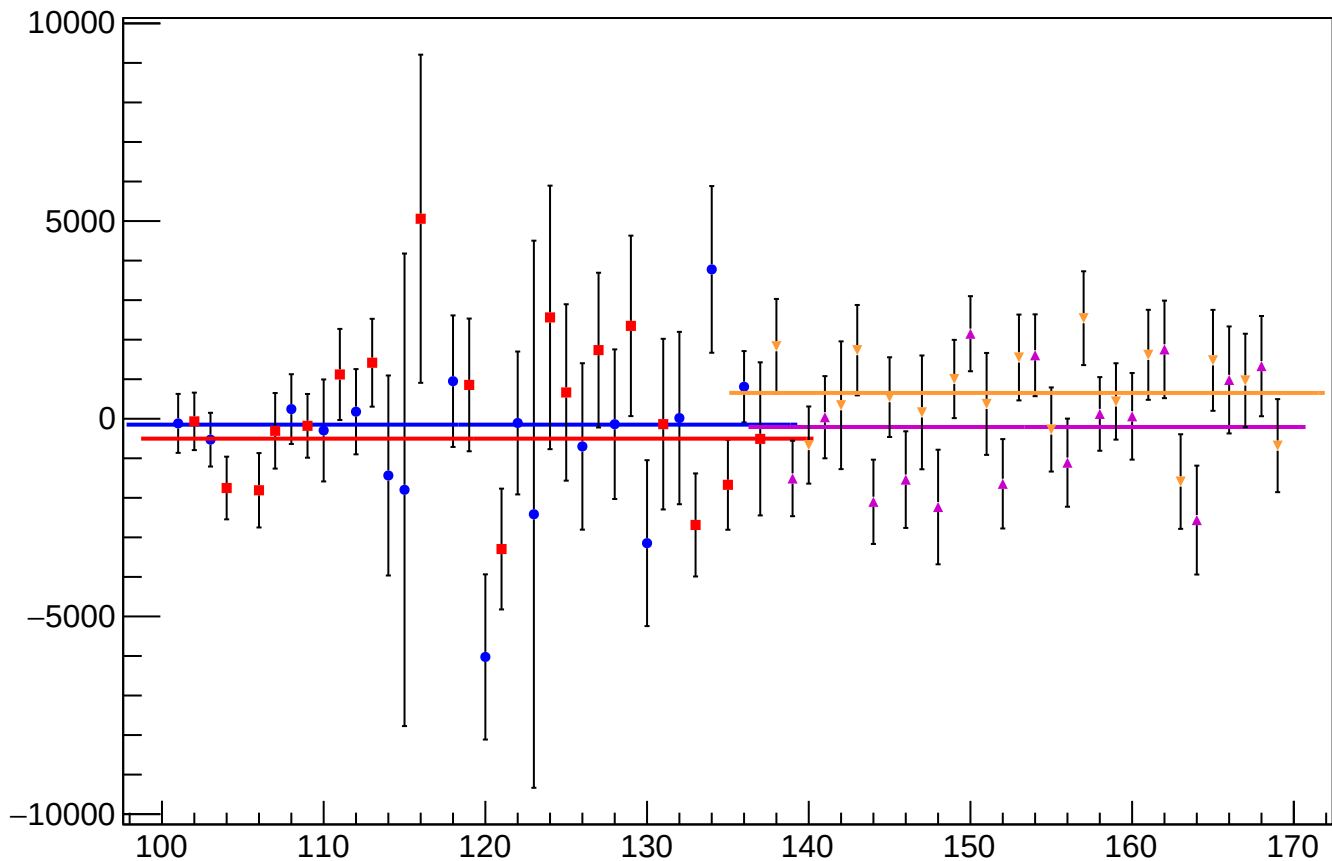
Right: 747.987 $\pm$ 0.152 χ^2/NDF : 3273780.9/34

In: 899.450 $\pm$ 0.153 χ^2/NDF :2365240.9/31

Out: 866.052 $\pm$ 0.143 χ^2/NDF :2814540.0/34

All: 881.607 $\pm$ 0.105 χ^2/NDF : 5205184.4/66

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 653.339+/-277.079 χ^2/NDF :14.1/16

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -208.349+/-288.454 χ^2/NDF :27.6/14

Left: 239.818+/-199.825 χ^2/NDF : 46.3/31

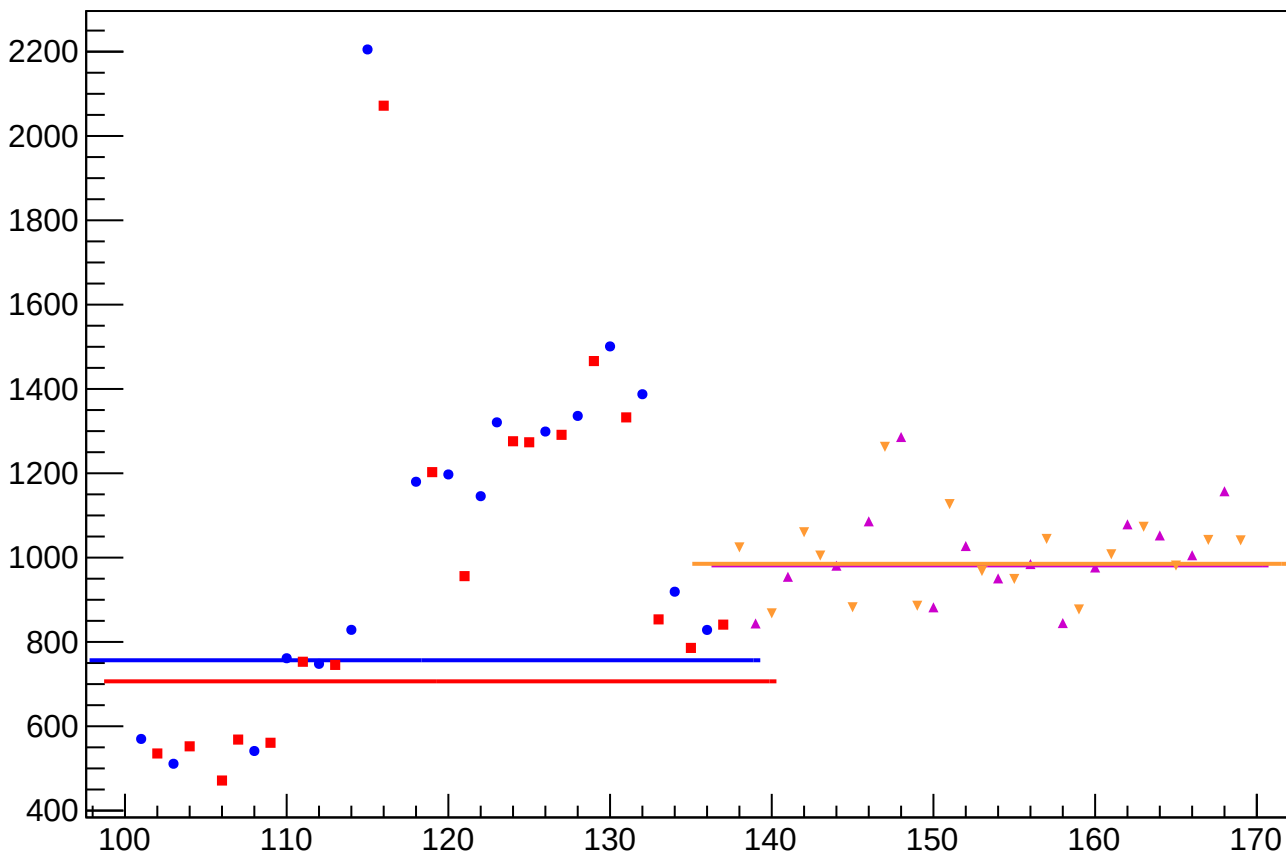
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -181.164+/-212.104 χ^2/NDF :43.8/31

Out: 92.963+/-198.930 χ^2/NDF :46.1/34

All: -35.324+/-145.099 χ^2/NDF : 90.8/66

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 985.295 $\pm$ 0.196 χ^2 /NDF: 229123.1/16

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 981.563 $\pm$ 0.204 χ^2 /NDF: 273037.5/14

Left: 983.504 $\pm$ 0.141 χ^2 /NDF: 502334.8/31

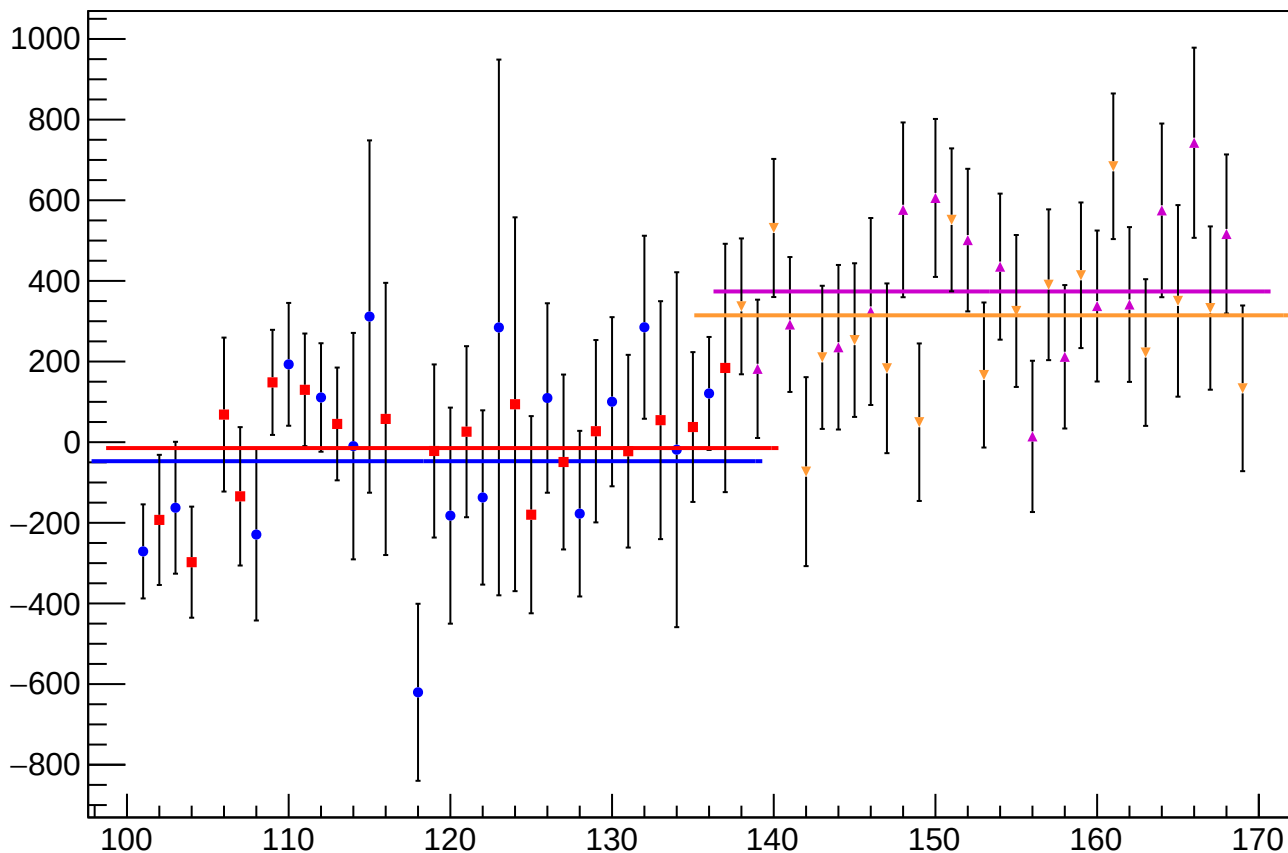
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 878.206 $\pm$ 0.150 χ^2 /NDF: 2545724.0/31

Out: 850.231 $\pm$ 0.141 χ^2 /NDF: 2879907.9/34

All: 863.323 $\pm$ 0.103 χ^2 /NDF: 5444141.9/66

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 314.642 $\pm$ 46.009 χ^2/NDF : 15.2/16

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 373.803 $\pm$ 49.811 χ^2/NDF : 13.3/14

Left: 341.878 $\pm$ 33.798 χ^2/NDF : 29.3/31

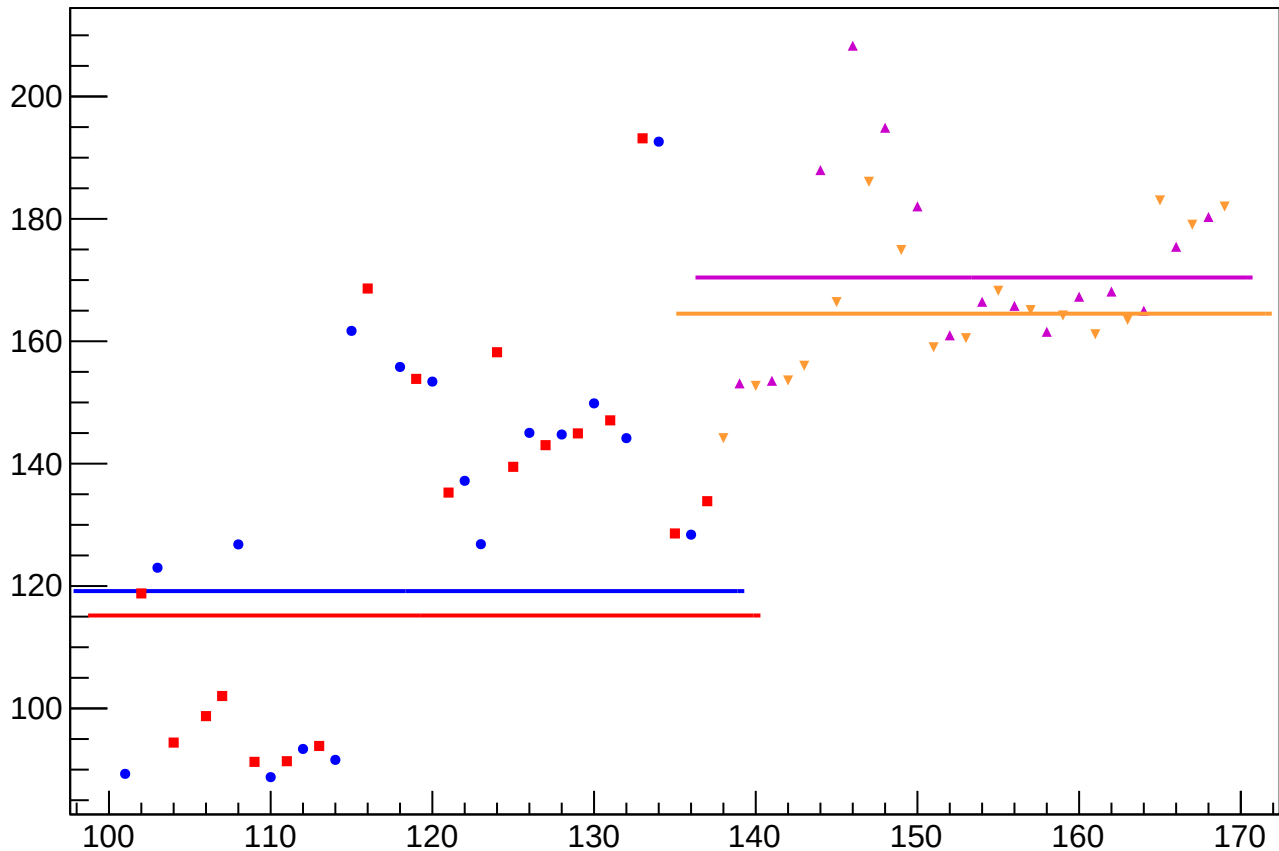
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 152.304 $\pm$ 34.288 χ^2/NDF : 72.8/31

Out: 145.810 $\pm$ 32.115 χ^2/NDF : 51.6/34

All: 148.845 $\pm$ 23.439 χ^2/NDF : 124.4/66

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 164.511+/-0.033 χ^2/NDF : 115891.0/16

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 170.421+/-0.035 χ^2/NDF : 162329.8/14

Left: 167.232+/-0.024 χ^2/NDF : 293414.6/31

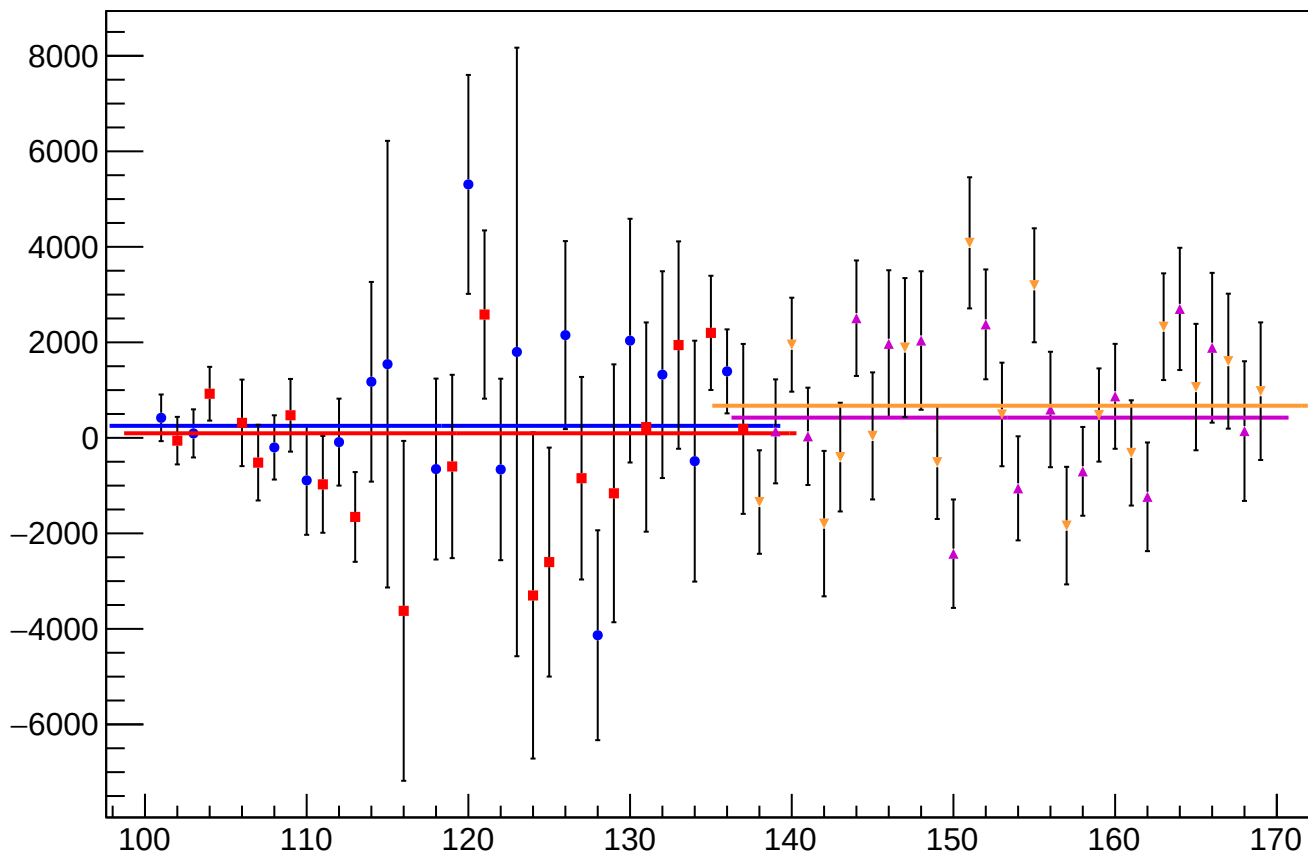
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 143.457+/-0.024 χ^2/NDF : 1891467.1/31

Out: 139.220+/-0.023 χ^2/NDF : 1970058.0/34

All: 141.200+/-0.017 χ^2/NDF : 3877792.0/66

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 672.906 $\pm$ 291.090 χ^2 /NDF:29.0/16

Right Out: 95.805 $\pm$ 245.748 χ^2 /NDF: 17.5/17

Left In: 423.446 $\pm$ 305.894 χ^2 /NDF:24.3/14

Left: 554.359 $\pm$ 210.871 χ^2 /NDF: 53.7/31

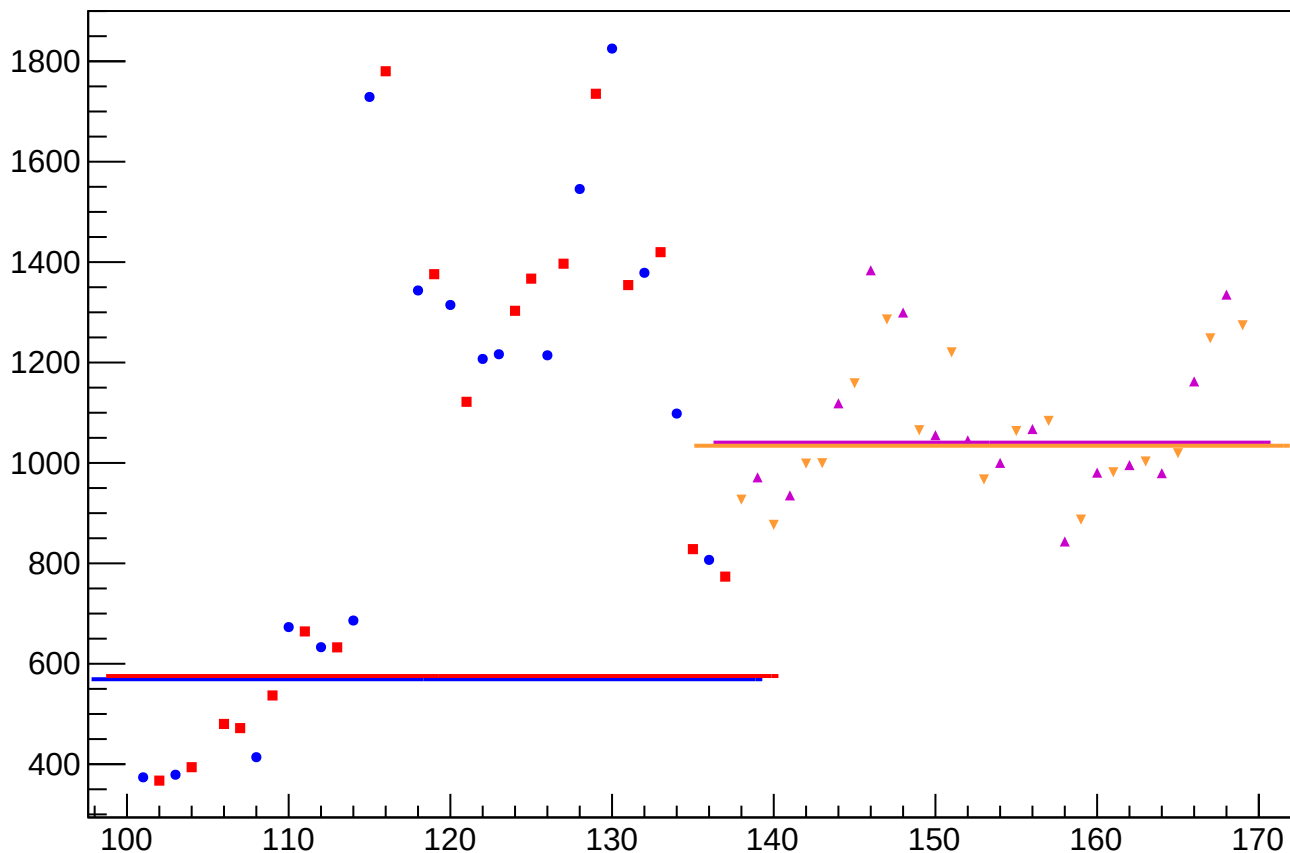
Right: 171.557 $\pm$ 176.217 χ^2 /NDF: 32.5/34

In: 321.424 $\pm$ 194.875 χ^2 /NDF:39.4/31

Out: 335.958 $\pm$ 187.778 χ^2 /NDF:48.8/34

All: 328.960 $\pm$ 135.219 χ^2 /NDF: 88.1/66

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1034.308 $\pm$ 0.206 χ^2 /NDF: 354381.9/16

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1040.451 $\pm$ 0.216 χ^2 /NDF: 401603.4/14

Left: 1037.227 $\pm$ 0.149 χ^2 /NDF: 756408.6/31

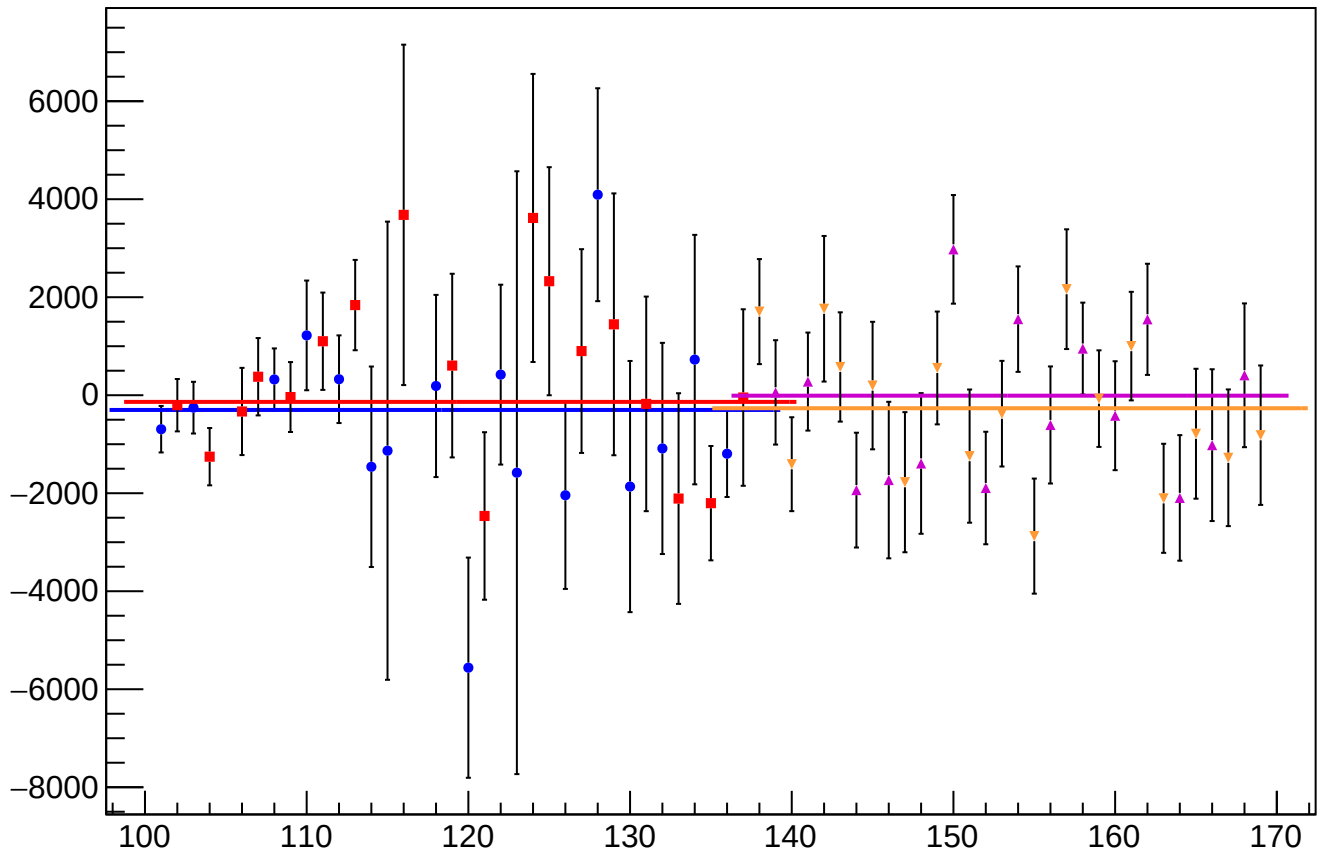
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 760.460 $\pm$ 0.138 χ^2 /NDF: 6488889.6/31

Out: 766.476 $\pm$ 0.133 χ^2 /NDF: 6312607.3/34

All: 763.579 $\pm$ 0.096 χ^2 /NDF: 12802485.2/66

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -265.850 ± 287.746 χ^2/NDF : 23.3/16

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: -9.454 ± 303.758 χ^2/NDF : 23.4/14

Left: -144.587 ± 208.898 χ^2/NDF : 47.1/31

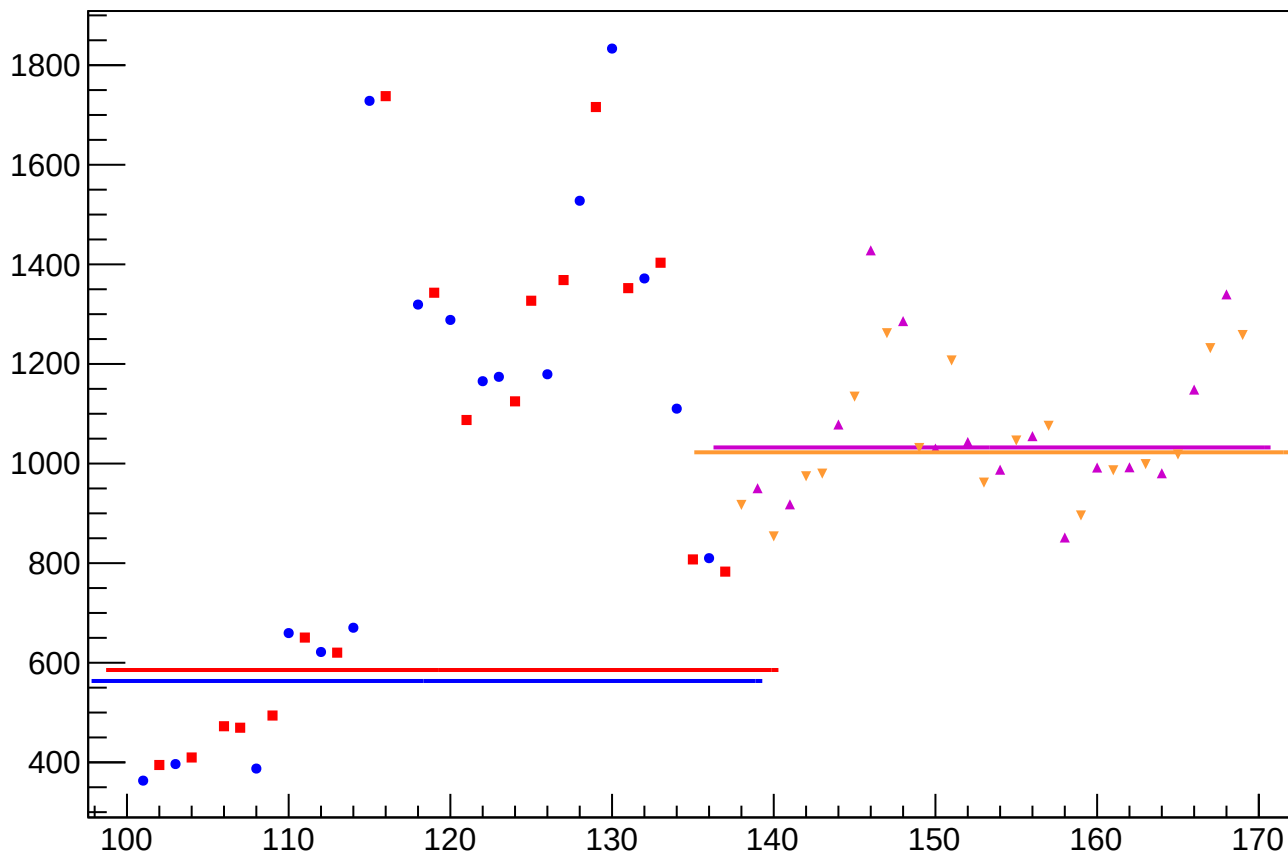
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -182.889 ± 193.169 χ^2/NDF : 40.7/31

Out: -191.327 ± 187.722 χ^2/NDF : 44.3/34

All: -187.228 ± 134.624 χ^2/NDF : 85.0/66

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1022.585 $\pm$ 0.203 χ^2 /NDF:341206.3/16

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1032.385 $\pm$ 0.215 χ^2 /NDF:412409.3/14

Left: 1027.220 $\pm$ 0.148 χ^2 /NDF: 754712.9/31

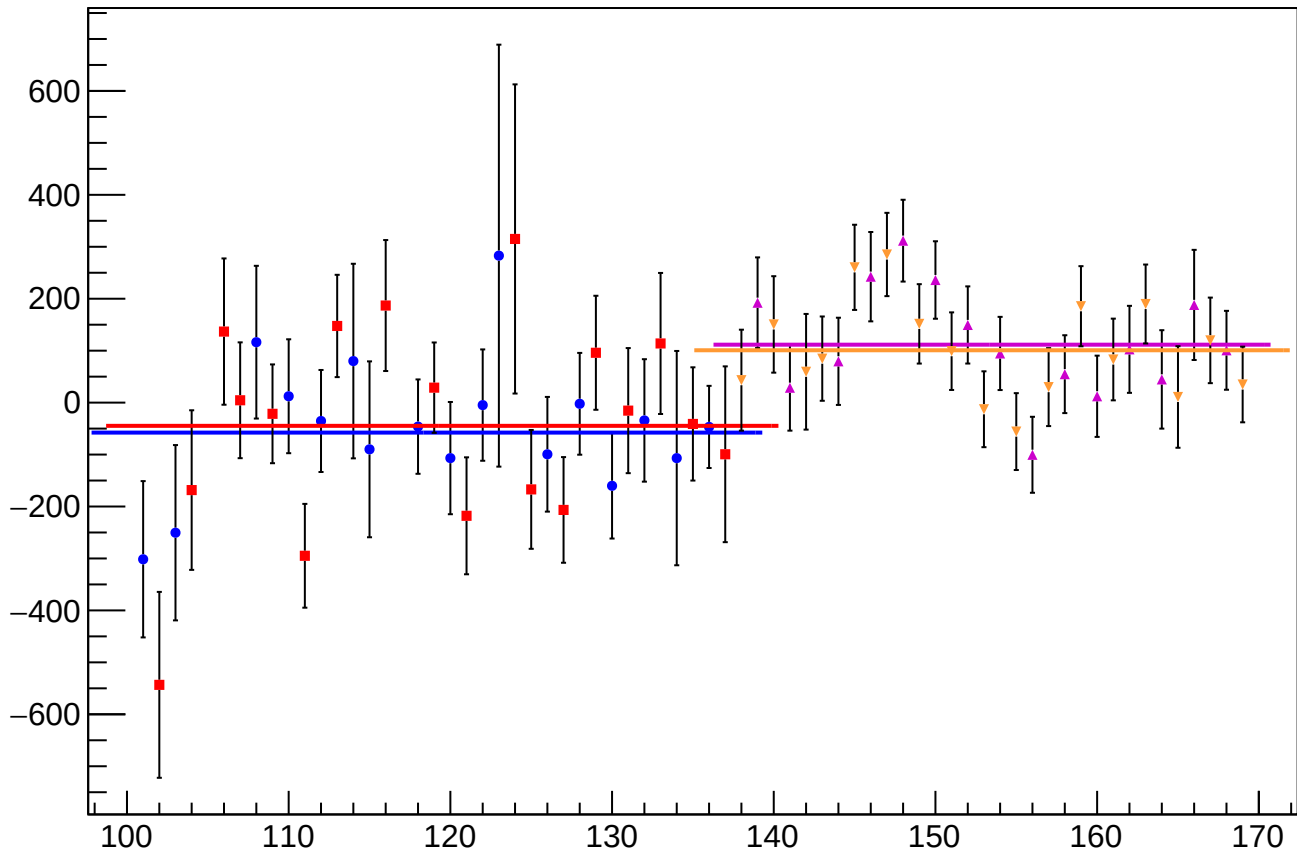
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 753.059 $\pm$ 0.137 χ^2 /NDF:6511033.4/31

Out: 771.492 $\pm$ 0.133 χ^2 /NDF:5810733.3/34

All: 762.539 $\pm$ 0.095 χ^2 /NDF: 12331133.7/66

dit_asym_sam7_mean vs Slug, Sign Corrected

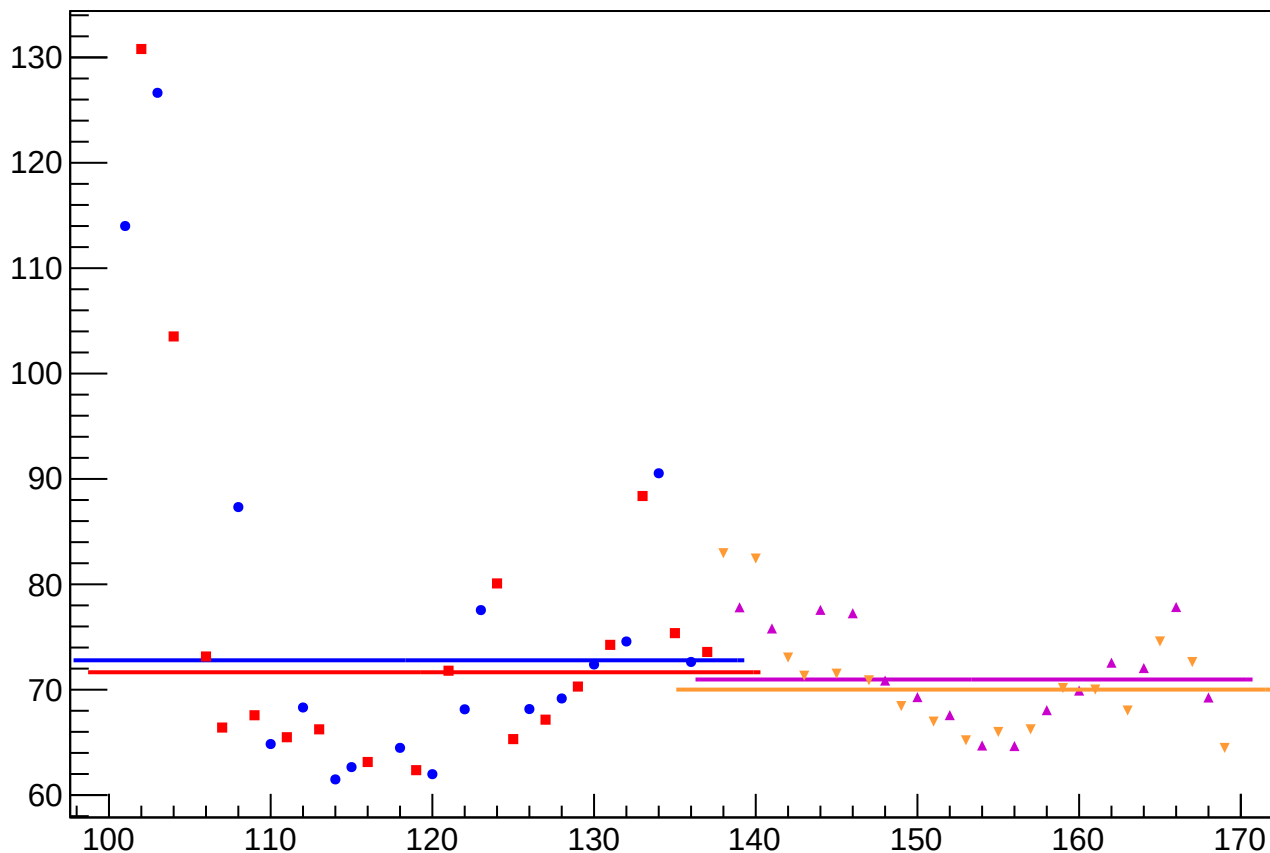


Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 100.781 ± 19.608 $\chi^2/\text{NDF}: 22.5/16$
 Right Out: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$
 Left In: 111.537 ± 20.745 $\chi^2/\text{NDF}: 25.5/14$

Left: 105.856 ± 14.250 $\chi^2/\text{NDF}: 48.2/31$
 Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$
 In: 53.438 ± 16.812 $\chi^2/\text{NDF}: 57.5/31$
 Out: 52.247 ± 16.006 $\chi^2/\text{NDF}: 76.0/34$

All: 52.813 ± 11.592 $\chi^2/\text{NDF}: 133.5/66$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 70.010+/-0.014 χ^2/NDF : 117395.4/16

Right Out: 71.655+/-0.020 χ^2/NDF : 404376.9/17

Left In: 70.968+/-0.015 χ^2/NDF : 91953.8/14

Left: 70.462+/-0.010 χ^2/NDF : 211600.4/31

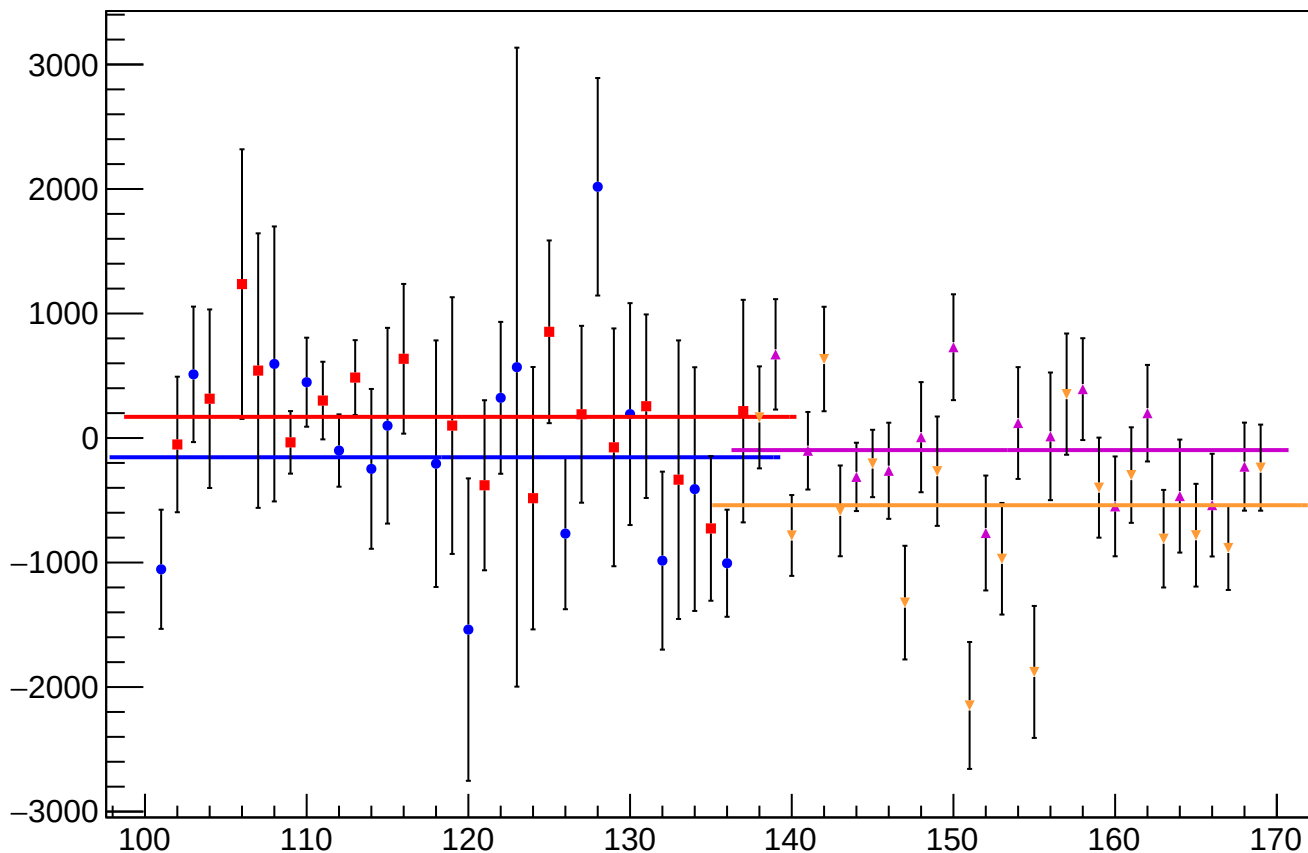
Right: 72.203+/-0.014 χ^2/NDF : 870767.9/34

In: 71.593+/-0.012 χ^2/NDF : 562021.7/31

Out: 70.559+/-0.011 χ^2/NDF : 526468.3/34

All: 71.051+/-0.008 χ^2/NDF : 1092460.8/66

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -539.648 ± 94.723 χ^2/NDF : 40.0/16

Right Out: 170.028 ± 126.220 χ^2/NDF : 8.4/17

Left In: -96.993 ± 101.495 χ^2/NDF : 15.2/14

Left: -333.580 ± 69.250 χ^2/NDF : 65.4/31

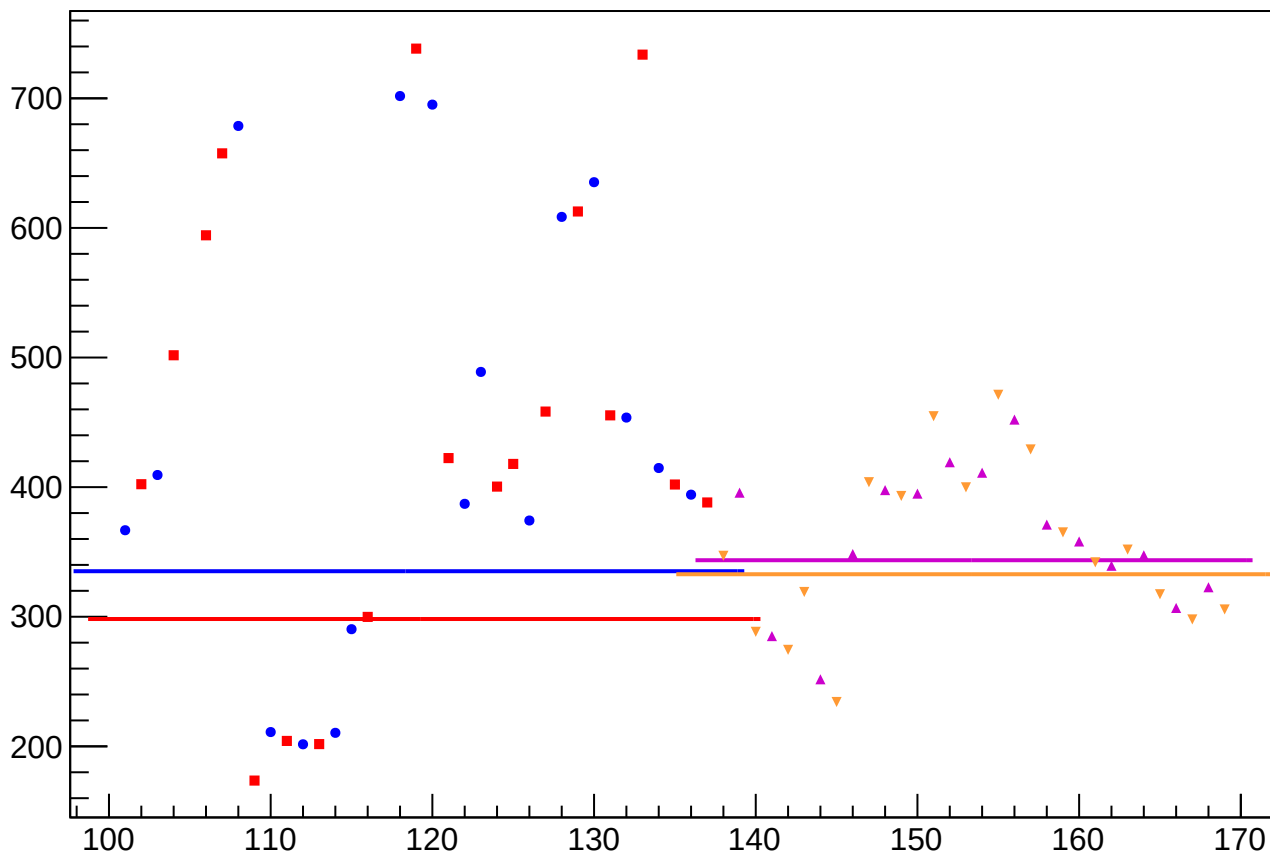
Right: 25.360 ± 93.955 χ^2/NDF : 34.5/34

In: -116.643 ± 82.314 χ^2/NDF : 38.5/31

Out: -283.966 ± 75.762 χ^2/NDF : 68.6/34

All: -207.228 ± 55.744 χ^2/NDF : 109.4/66

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 332.798+/-0.067 χ^2/NDF : 862395.3/16

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 343.611+/-0.072 χ^2/NDF : 605426.3/14

Left: 337.832+/-0.049 χ^2/NDF : 1479953.0/31

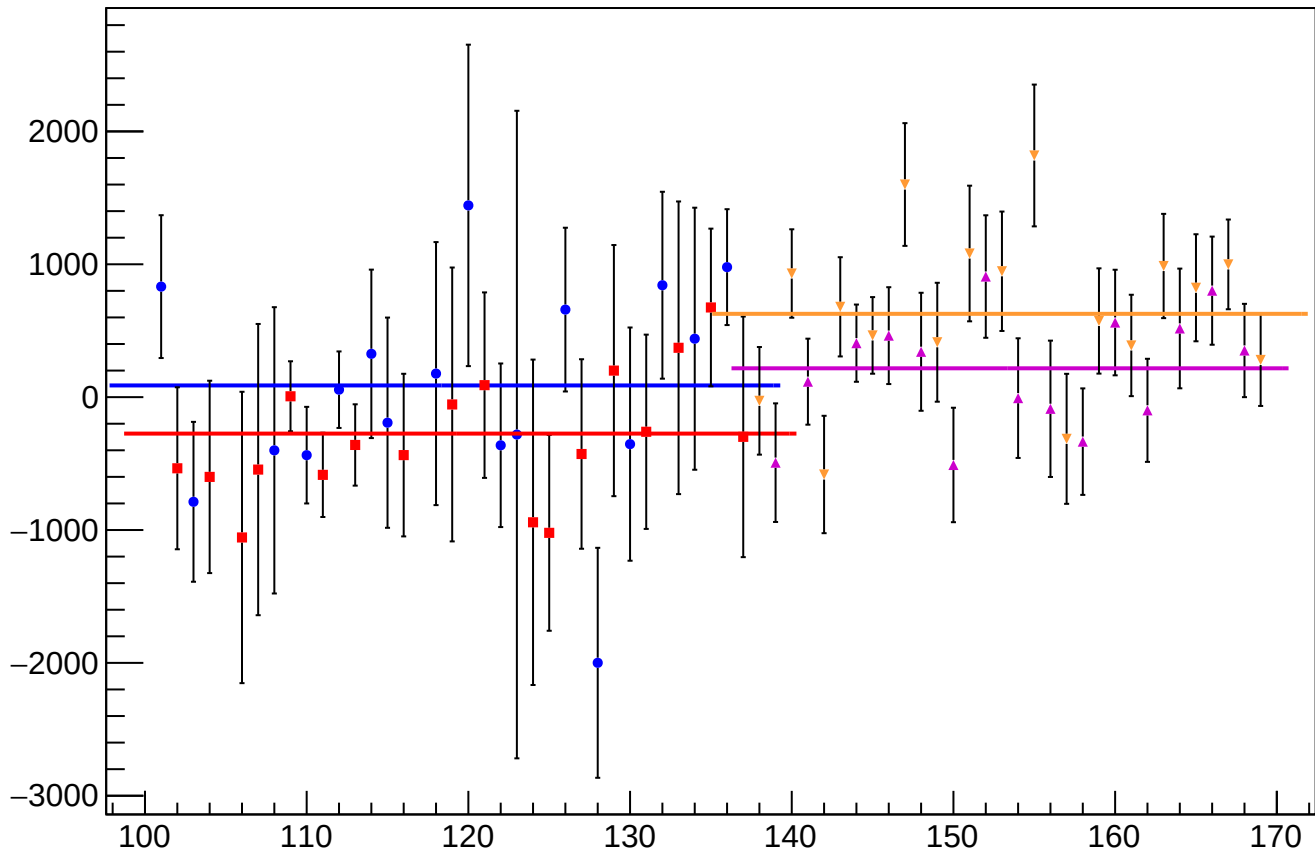
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 340.709+/-0.058 χ^2/NDF : 2604245.7/31

Out: 320.352+/-0.054 χ^2/NDF : 3734786.8/34

All: 329.689+/-0.039 χ^2/NDF : 6405256.7/66

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2 /NDF: 20.8/16

Left Out: 627.051 $\pm$ 95.951 χ^2 /NDF:29.6/16

Right Out: -274.340 $\pm$ 129.866 χ^2 /NDF: 8.0/17

Left In: 217.076 $\pm$ 102.004 χ^2 /NDF:15.2/14

Left: 434.587 $\pm$ 69.889 χ^2 /NDF: 53.5/31

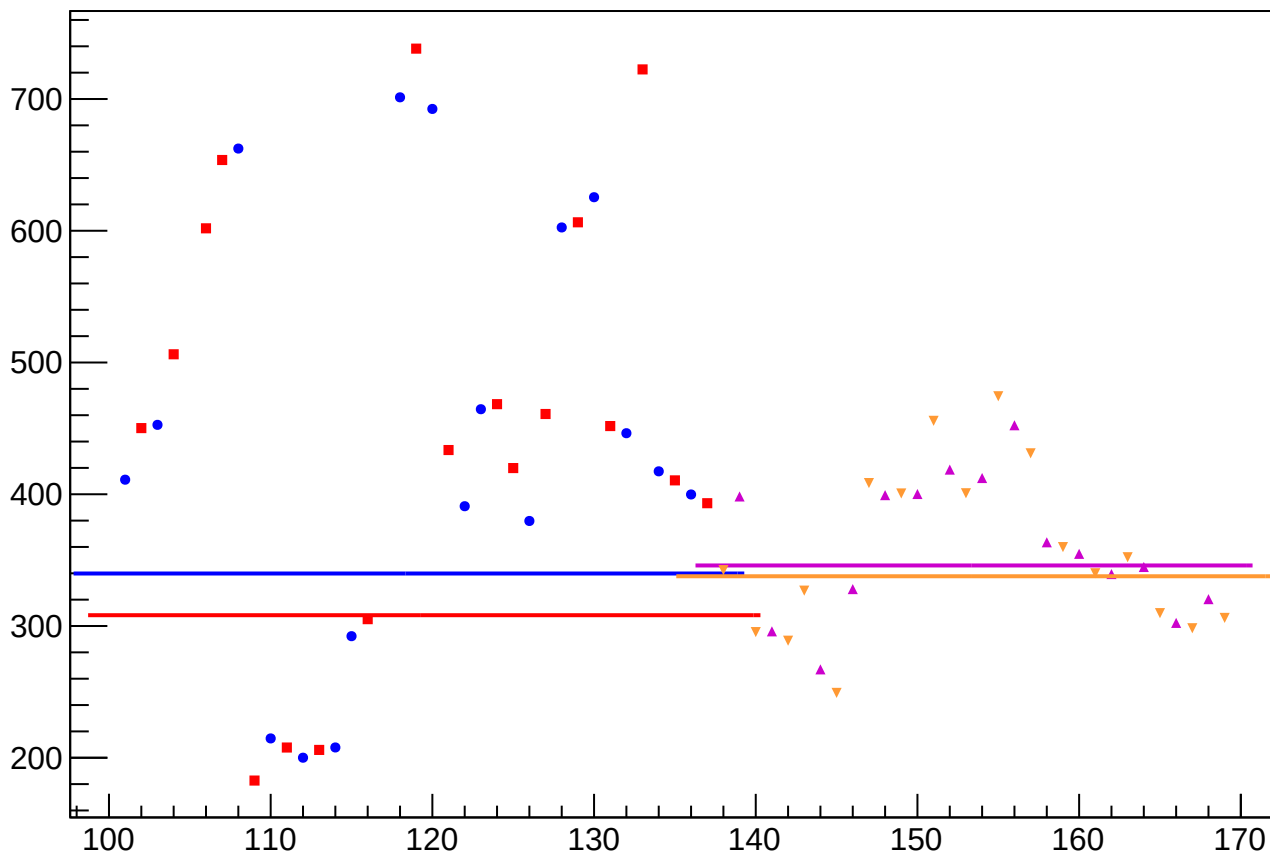
Right: -110.540 $\pm$ 96.143 χ^2 /NDF: 32.4/34

In: 173.594 $\pm$ 83.045 χ^2 /NDF:36.6/31

Out: 308.747 $\pm$ 77.172 χ^2 /NDF:68.8/34

All: 246.119 $\pm$ 56.531 χ^2 /NDF: 106.8/66

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 337.760 $\pm$ 0.068 χ^2 /NDF: 746435.9/16

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 345.954 $\pm$ 0.072 χ^2 /NDF: 506247.5/14

Left: 341.606 $\pm$ 0.049 χ^2 /NDF: 1259530.8/31

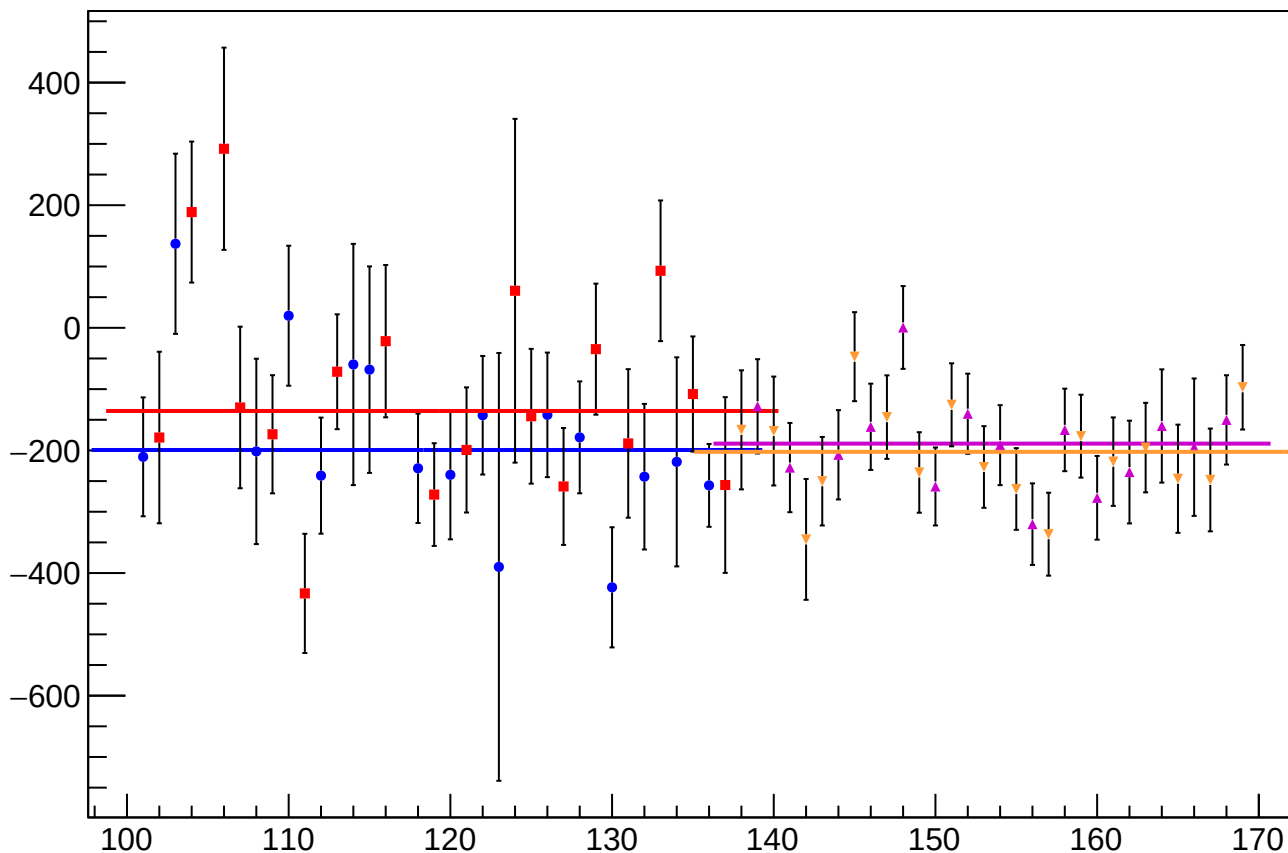
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 343.896 $\pm$ 0.059 χ^2 /NDF: 2552184.6/31

Out: 327.321 $\pm$ 0.055 χ^2 /NDF: 3512297.3/34

All: 335.001 $\pm$ 0.040 χ^2 /NDF: 6107232.7/66

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2 /NDF: 17.6/16

Left Out: -202.272 $\pm$ 17.869 χ^2 /NDF:17.6/16

Right Out: -135.623 $\pm$ 26.252 χ^2 /NDF: 36.7/17

Left In: -188.882 $\pm$ 18.656 χ^2 /NDF:17.1/14

Left: -195.865 $\pm$ 12.904 χ^2 /NDF: 35.0/31

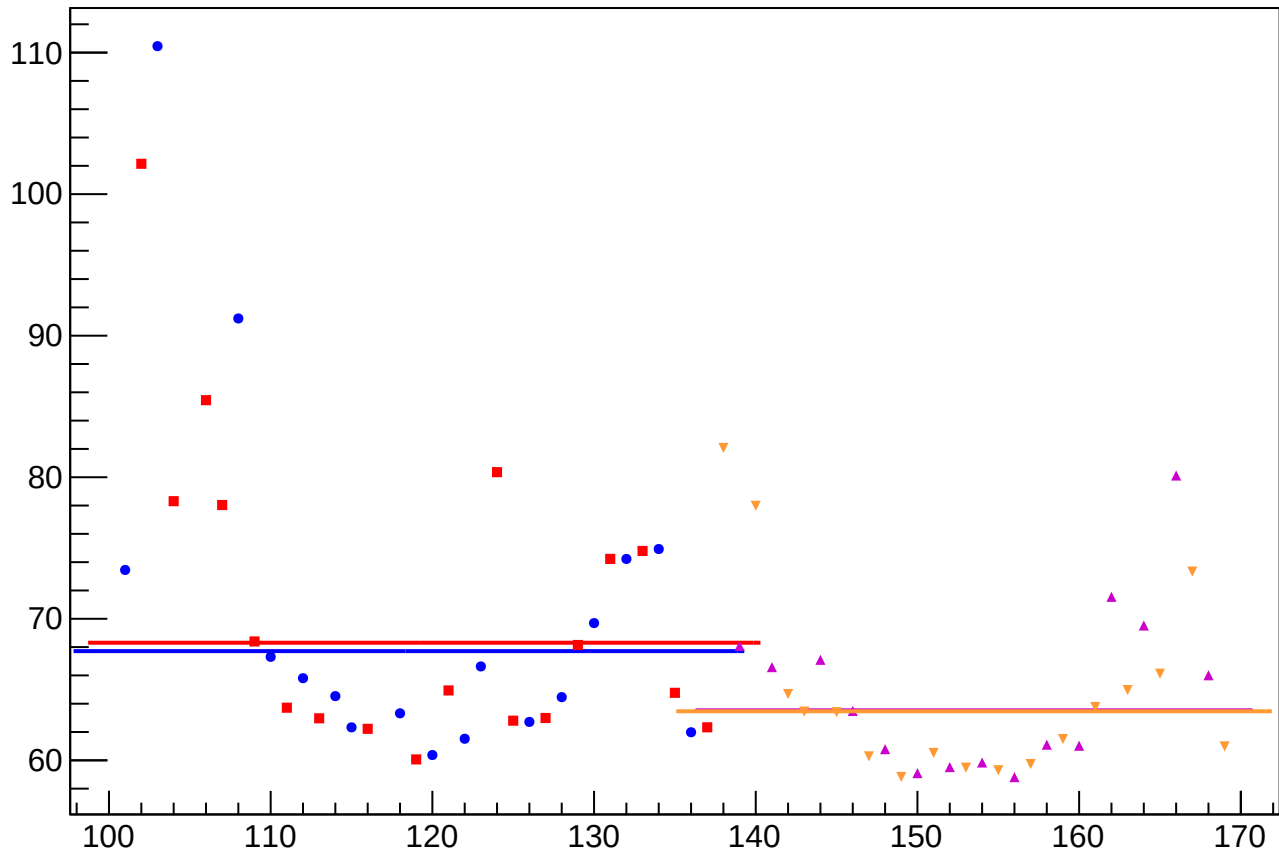
Right: -167.121 $\pm$ 18.655 χ^2 /NDF: 57.2/34

In: -192.316 $\pm$ 15.258 χ^2 /NDF:34.9/31

Out: -181.170 $\pm$ 14.772 χ^2 /NDF:58.7/34

All: -186.562 $\pm$ 10.613 χ^2 /NDF: 93.8/66

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$

Left Out: 63.465 ± 0.013 $\chi^2/\text{NDF}: 201027.6/16$

Right Out: 68.308 ± 0.019 $\chi^2/\text{NDF}: 234314.0/17$

Left In: 63.532 ± 0.013 $\chi^2/\text{NDF}: 130516.2/14$

Left: 63.497 ± 0.009 $\chi^2/\text{NDF}: 331557.1/31$

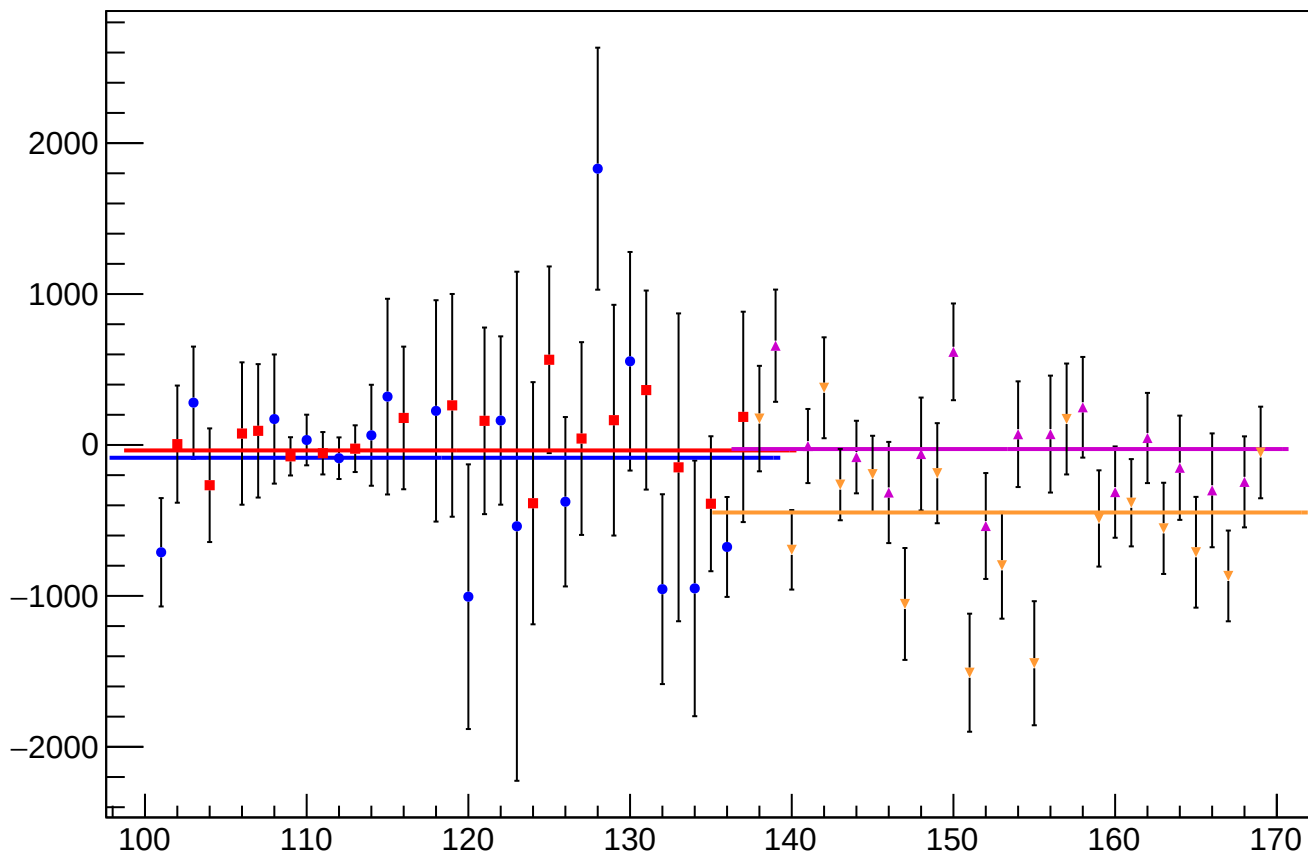
Right: 68.015 ± 0.013 $\chi^2/\text{NDF}: 517711.7/34$

In: 64.917 ± 0.011 $\chi^2/\text{NDF}: 446711.1/31$

Out: 64.999 ± 0.010 $\chi^2/\text{NDF}: 481855.8/34$

All: 64.959 ± 0.008 $\chi^2/\text{NDF}: 928596.5/66$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -447.364 ± 76.420 χ^2/NDF : 36.5/16

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: -27.023 ± 82.377 χ^2/NDF : 13.3/14

Left: -252.939 ± 56.025 χ^2/NDF : 63.8/31

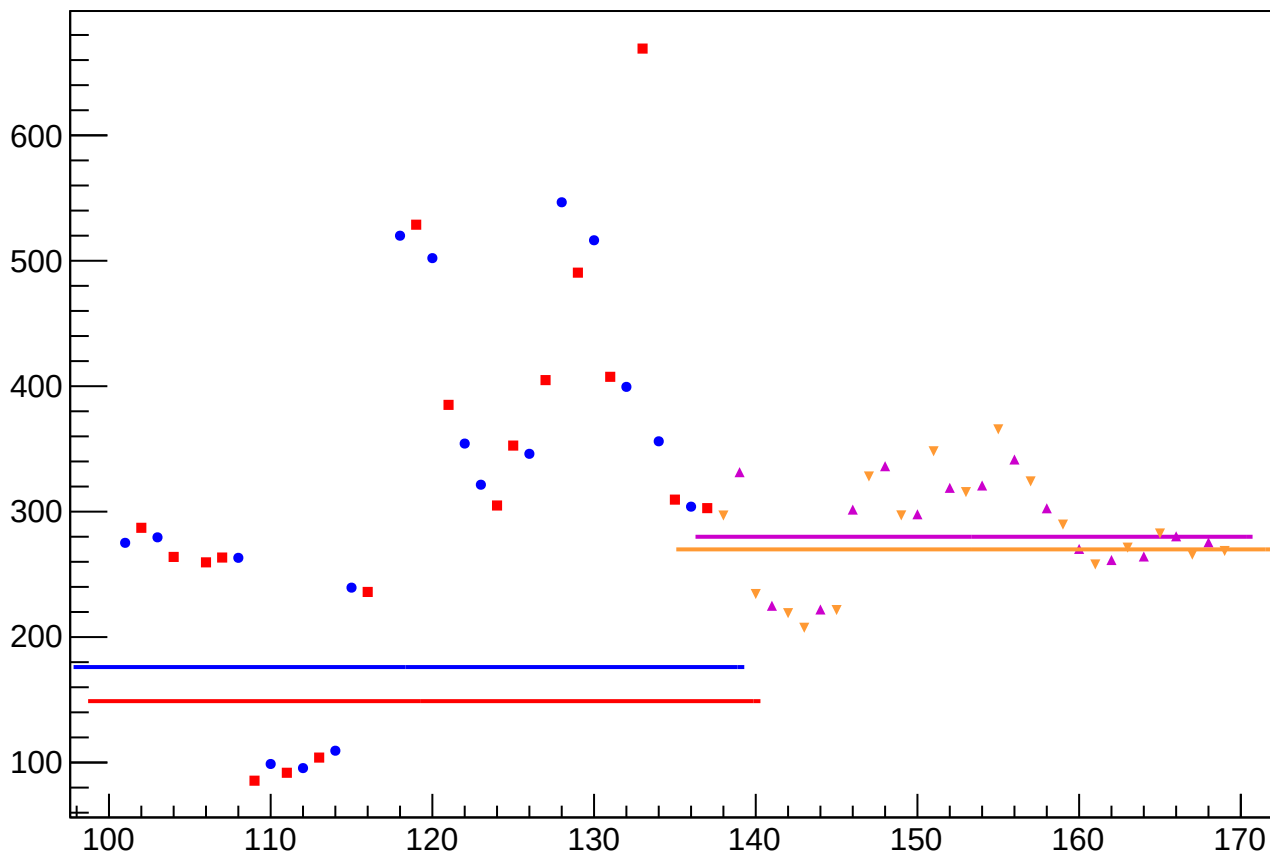
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: -55.789 ± 58.352 χ^2/NDF : 33.4/31

Out: -223.021 ± 51.518 χ^2/NDF : 55.8/34

All: -149.767 ± 38.620 χ^2/NDF : 93.8/66

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.906+/-0.054 χ^2/NDF : 648557.2/16

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 279.971+/-0.058 χ^2/NDF : 440916.1/14

Left: 274.561+/-0.040 χ^2/NDF : 1105519.8/31

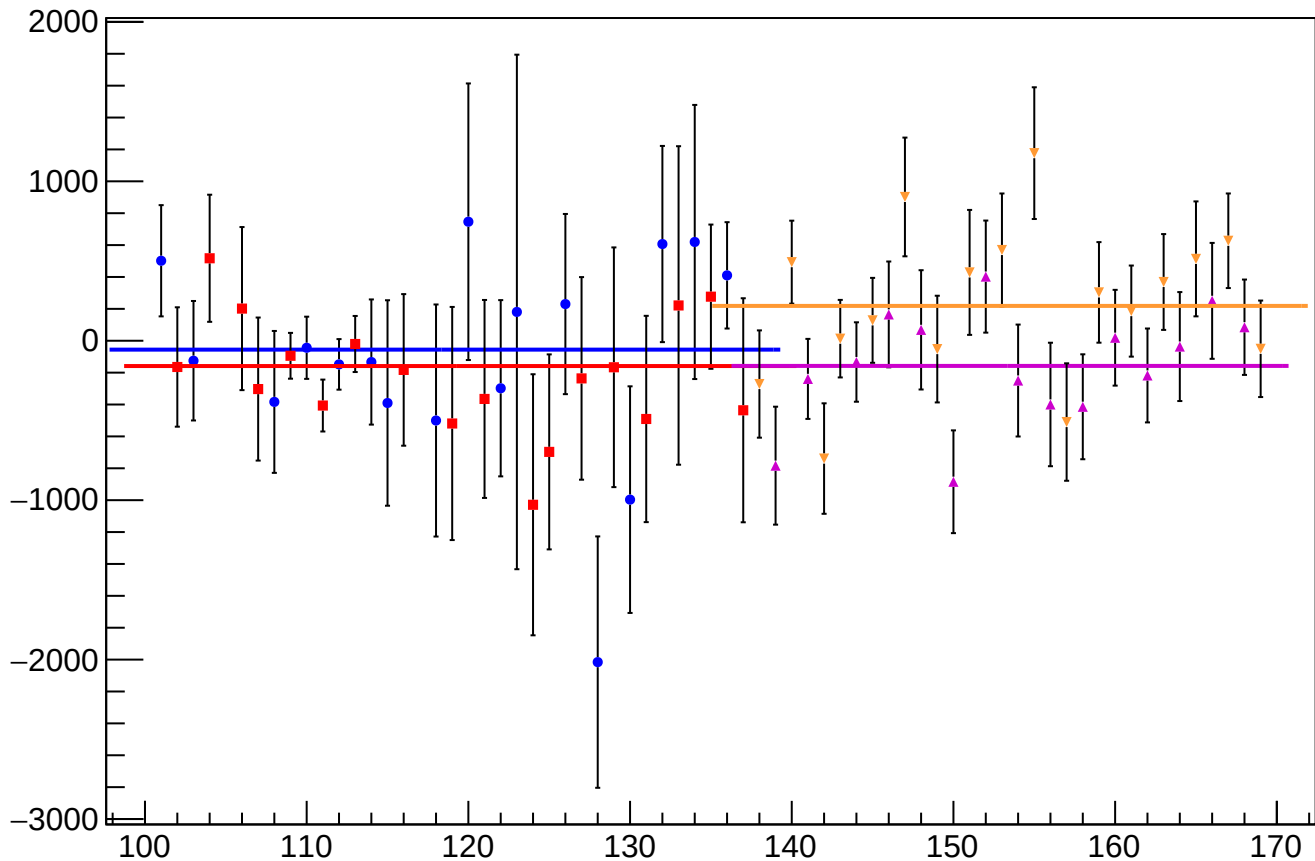
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 228.216+/-0.041 χ^2/NDF : 6249005.0/31

Out: 203.910+/-0.036 χ^2/NDF : 8153635.3/34

All: 214.557+/-0.027 χ^2/NDF : 14597657.9/60

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 218.547+/-76.662 χ^2/NDF :30.0/16

Right Out: -158.676+/-77.072 χ^2/NDF : 10.4/17

Left In: -157.838+/-82.425 χ^2/NDF :15.4/14

Left: 43.970+/-56.135 χ^2/NDF : 56.6/31

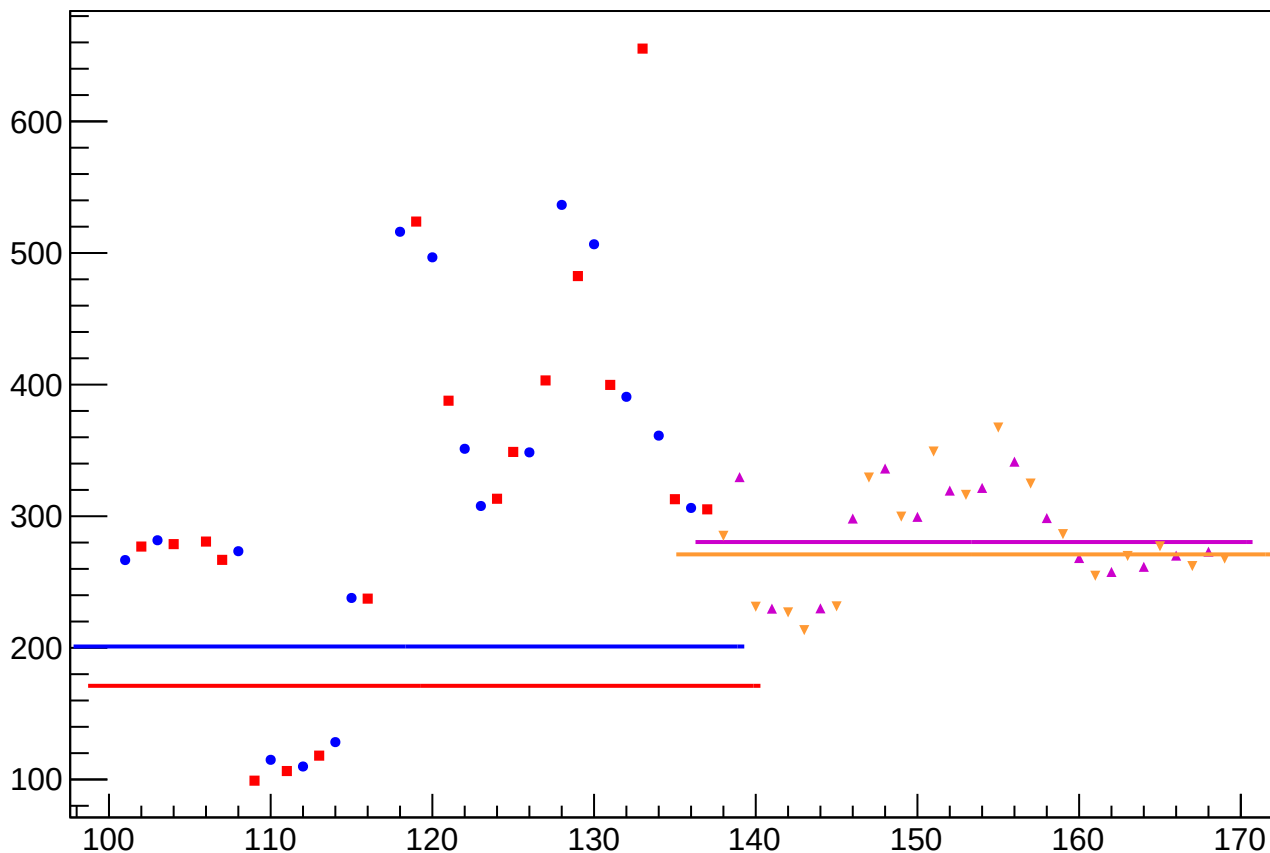
Right: -115.437+/-58.697 χ^2/NDF : 28.3/34

In: -111.579+/-60.960 χ^2/NDF :33.2/31

Out: 30.942+/-54.353 χ^2/NDF :52.4/34

All: -32.179+/-40.569 χ^2/NDF : 88.7/66

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 271.020 $\pm$ 0.054 χ^2 /NDF: 580008.0/16

Right Out: 171.159 $\pm$ 0.054 χ^2 /NDF: 4065598.7/17

Left In: 280.399 $\pm$ 0.058 χ^2 /NDF: 388132.3/14

Left: 275.370 $\pm$ 0.040 χ^2 /NDF: 982023.6/31

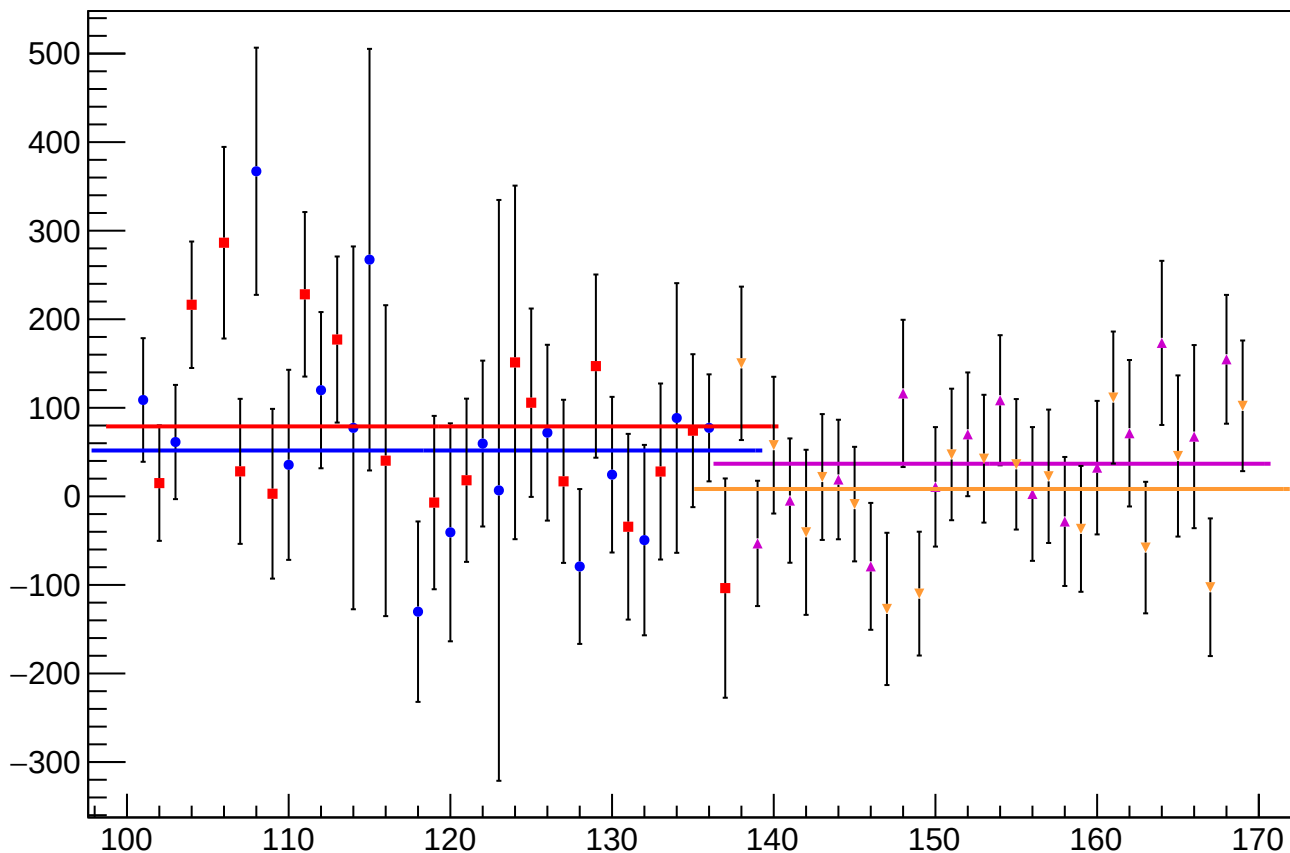
Right: 183.707 $\pm$ 0.042 χ^2 /NDF: 7624855.0/34

In: 244.447 $\pm$ 0.043 χ^2 /NDF: 4661099.1/31

Out: 221.356 $\pm$ 0.038 χ^2 /NDF: 6333348.8/34

All: 231.582 $\pm$ 0.029 χ^2 /NDF: 11154317.7/66

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: 8.338 $\pm$ 18.392 χ^2 /NDF:16.4/16

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 36.838 $\pm$ 19.402 χ^2 /NDF:13.0/14

Left: 21.827 $\pm$ 13.348 χ^2 /NDF: 30.5/31

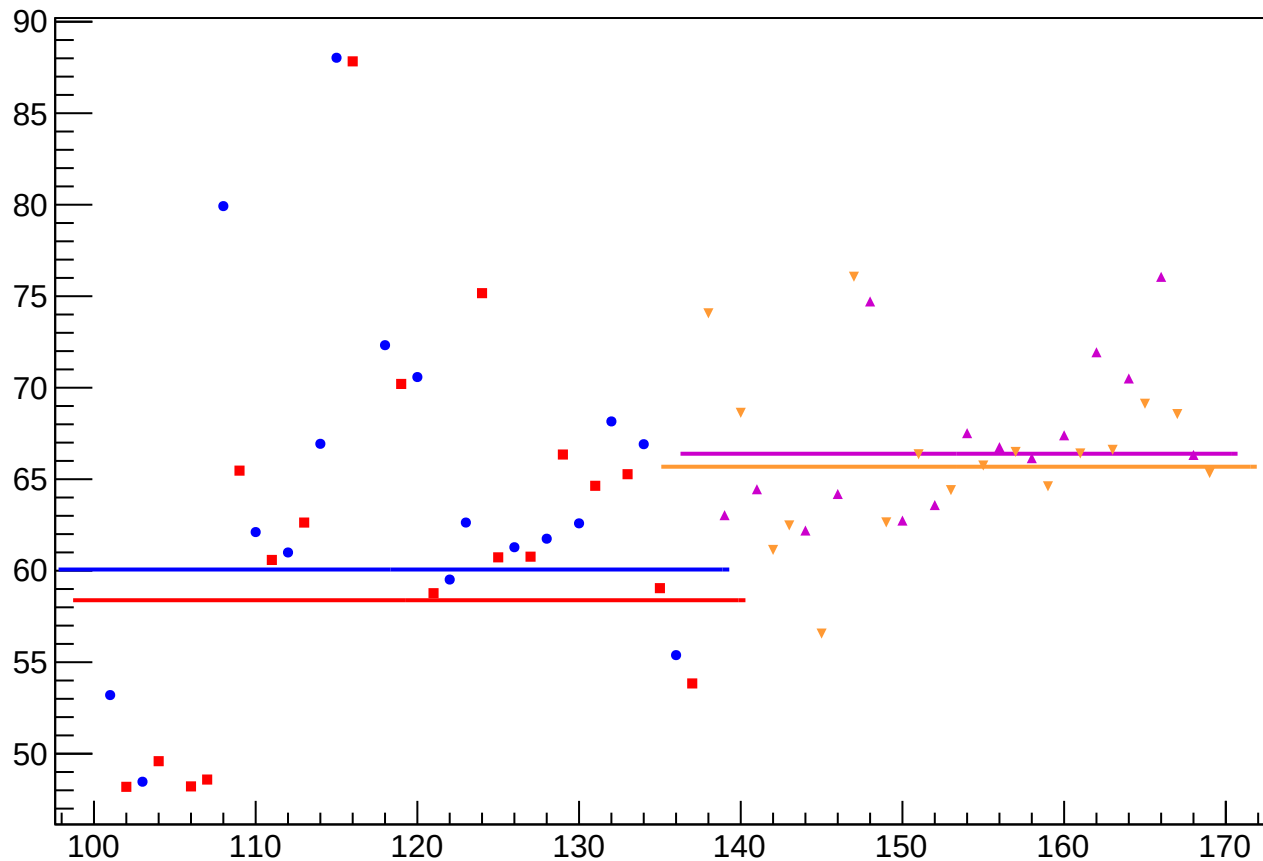
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 42.891 $\pm$ 14.972 χ^2 /NDF:27.7/31

Out: 36.646 $\pm$ 14.240 χ^2 /NDF:41.3/34

All: 39.612 $\pm$ 10.318 χ^2 /NDF: 69.1/66

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065+/-0.017 χ^2/NDF : 229098.7/16

Left Out: 65.683+/-0.013 χ^2/NDF : 110815.1/16

Right Out: 58.387+/-0.016 χ^2/NDF : 275017.2/17

Left In: 66.392+/-0.014 χ^2/NDF : 76083.1/14

Left: 66.019+/-0.009 χ^2/NDF : 188305.9/31

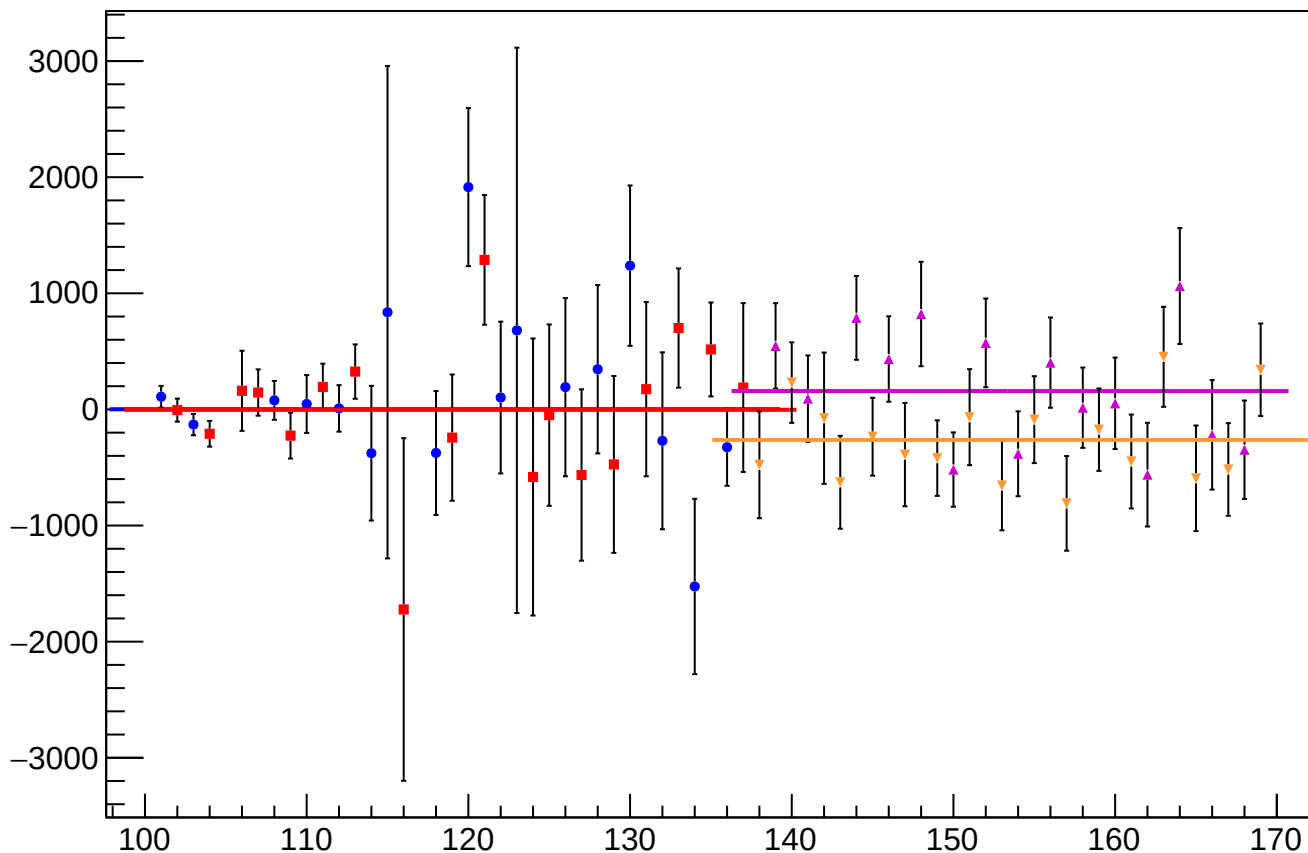
Right: 59.188+/-0.012 χ^2/NDF : 509429.8/34

In: 63.833+/-0.011 χ^2/NDF : 391219.1/31

Out: 62.760+/-0.010 χ^2/NDF : 511898.1/34

All: 63.270+/-0.007 χ^2/NDF : 908502.2/66

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -262.621+/-96.033 χ^2/NDF :13.1/16

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 158.286+/-100.398 χ^2/NDF :23.3/14

Left: -61.515+/-69.397 χ^2/NDF : 45.6/31

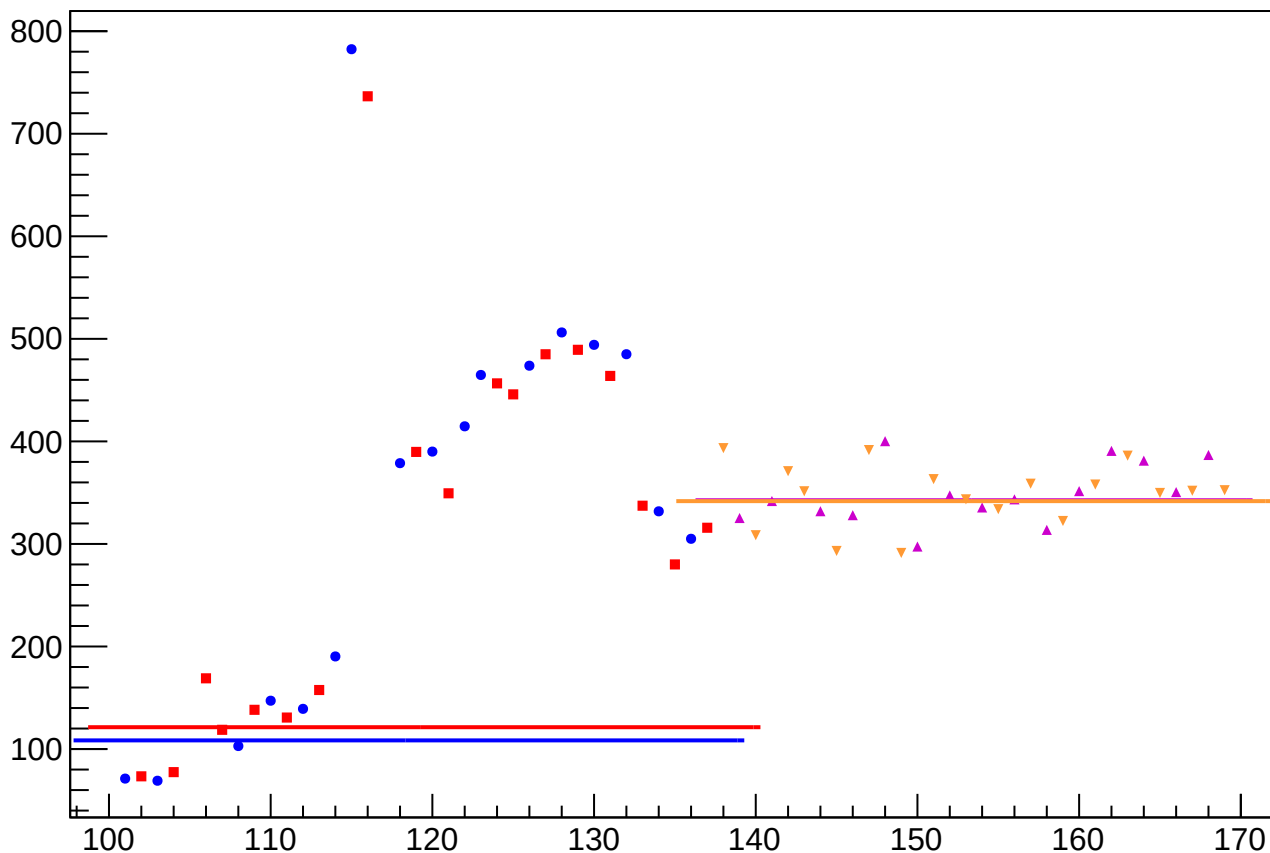
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 37.029+/-47.751 χ^2/NDF :46.6/31

Out: -70.133+/-48.768 χ^2/NDF :38.7/34

All: -15.423+/-34.119 χ^2/NDF : 87.8/66

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 341.747 $\pm$ 0.068 χ^2 /NDF: 208863.1/16

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 342.626 $\pm$ 0.071 χ^2 /NDF: 155456.9/14

Left: 342.167 $\pm$ 0.049 χ^2 /NDF: 364400.1/31

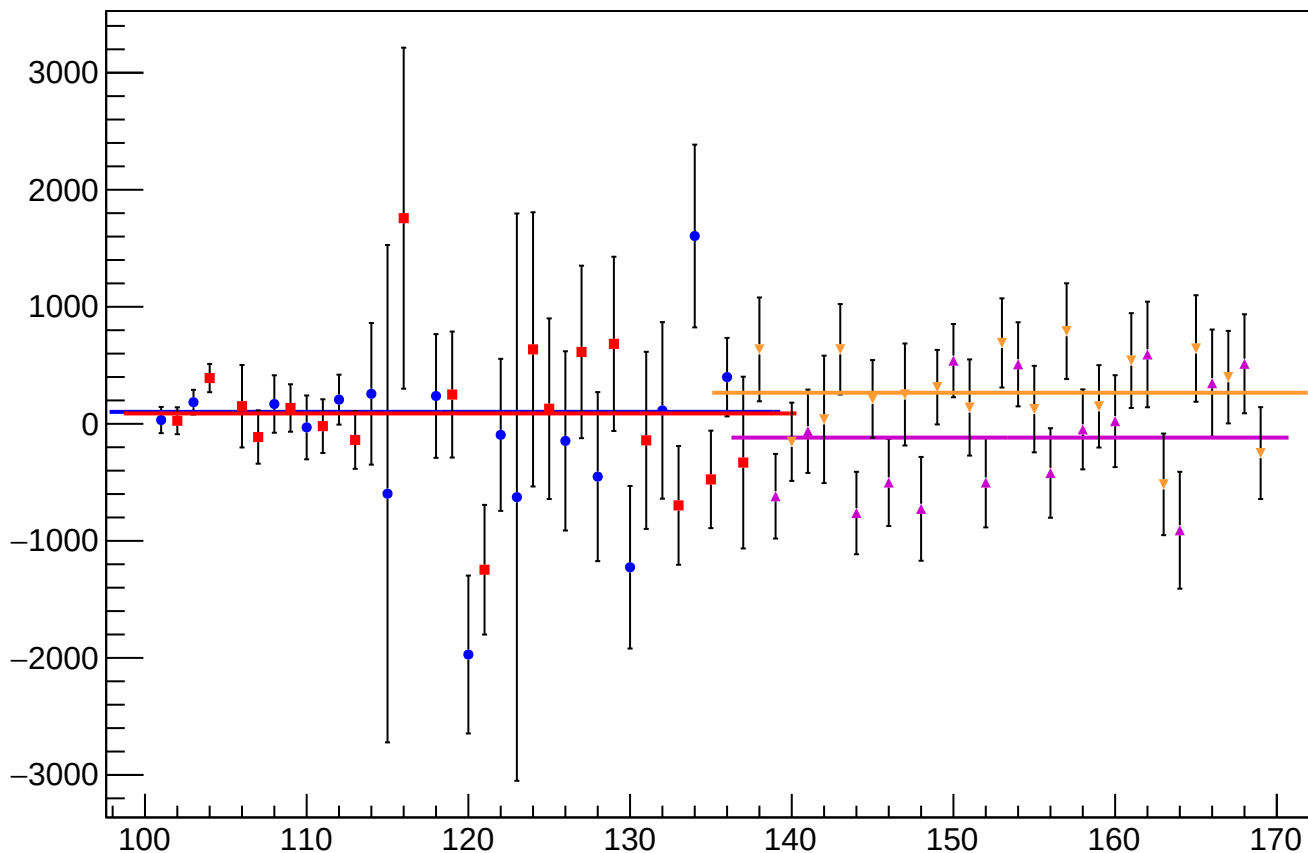
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 161.420 $\pm$ 0.034 χ^2 /NDF: 13979447.1/31

Out: 178.153 $\pm$ 0.034 χ^2 /NDF: 12761221.1/34

All: 169.610 $\pm$ 0.024 χ^2 /NDF: 26860884.4/66

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 265.563 $\pm$ 94.654 χ^2 /NDF:12.9/16

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -117.668 $\pm$ 99.103 χ^2 /NDF:25.7/14

Left: 82.743 $\pm$ 68.449 χ^2 /NDF: 46.5/31

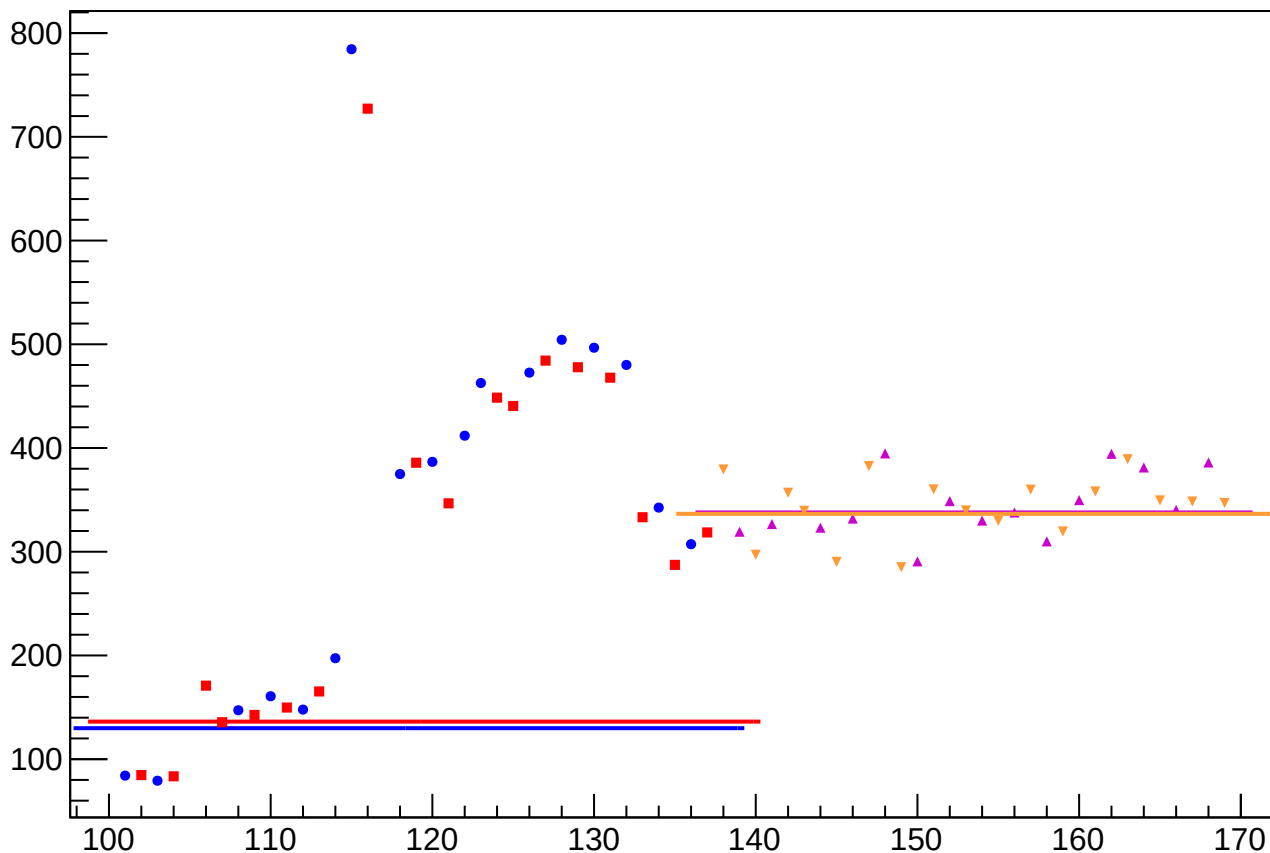
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 38.753 $\pm$ 53.243 χ^2 /NDF:49.5/31

Out: 142.175 $\pm$ 51.999 χ^2 /NDF:37.1/34

All: 91.686 $\pm$ 37.201 χ^2 /NDF: 88.5/66

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 336.535 $\pm$ 0.067 χ^2 /NDF:221412.4/16

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 337.881 $\pm$ 0.070 χ^2 /NDF:179795.8/14

Left: 337.177 $\pm$ 0.048 χ^2 /NDF: 401401.0/31

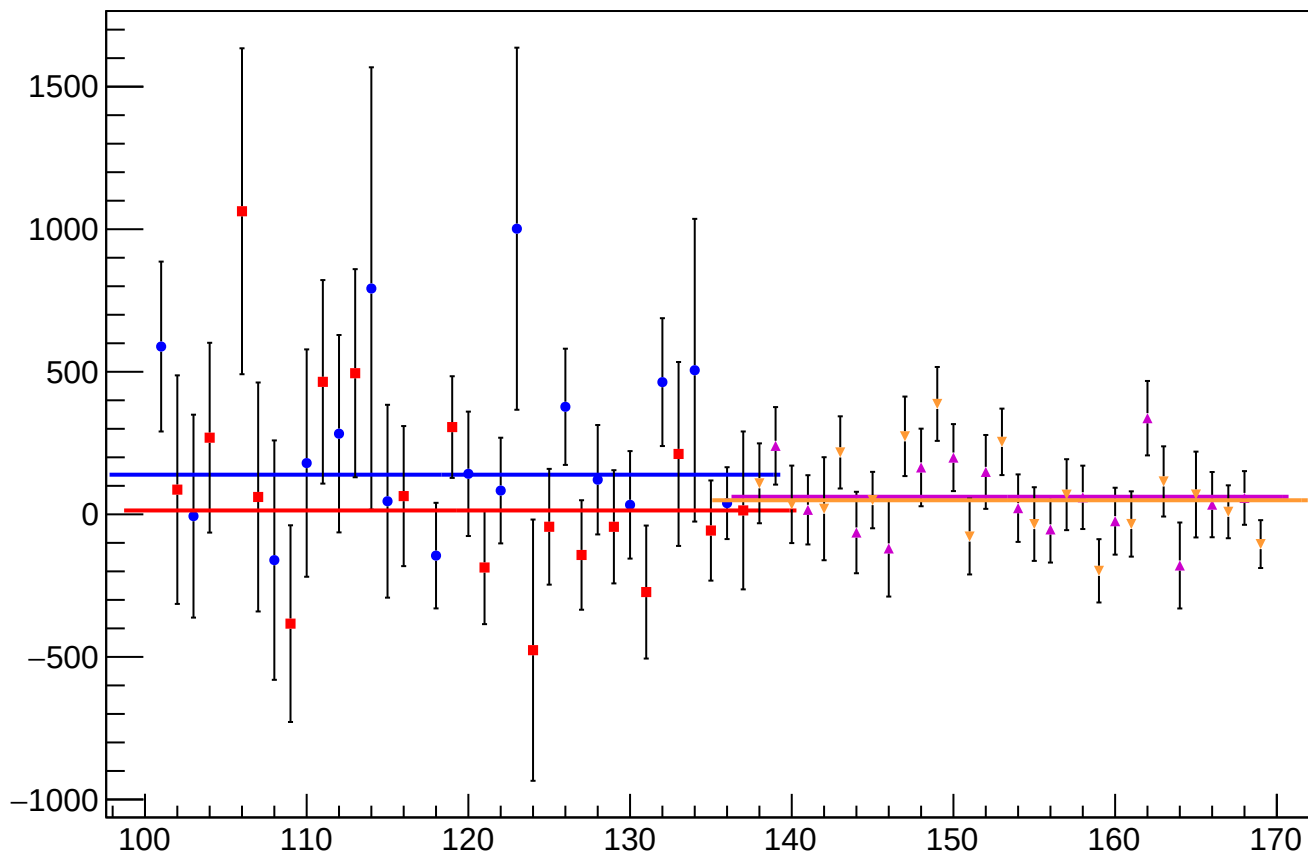
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 189.920 $\pm$ 0.038 χ^2 /NDF:11276353.2/31

Out: 196.678 $\pm$ 0.037 χ^2 /NDF:10758040.8/34

All: 193.379 $\pm$ 0.026 χ^2 /NDF: 22050885.5/66

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: 49.408 $\pm$ 28.968 χ^2 /NDF:25.2/16

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 61.694 $\pm$ 31.896 χ^2 /NDF:14.9/14

Left: 54.962 $\pm$ 21.444 χ^2 /NDF: 40.1/31

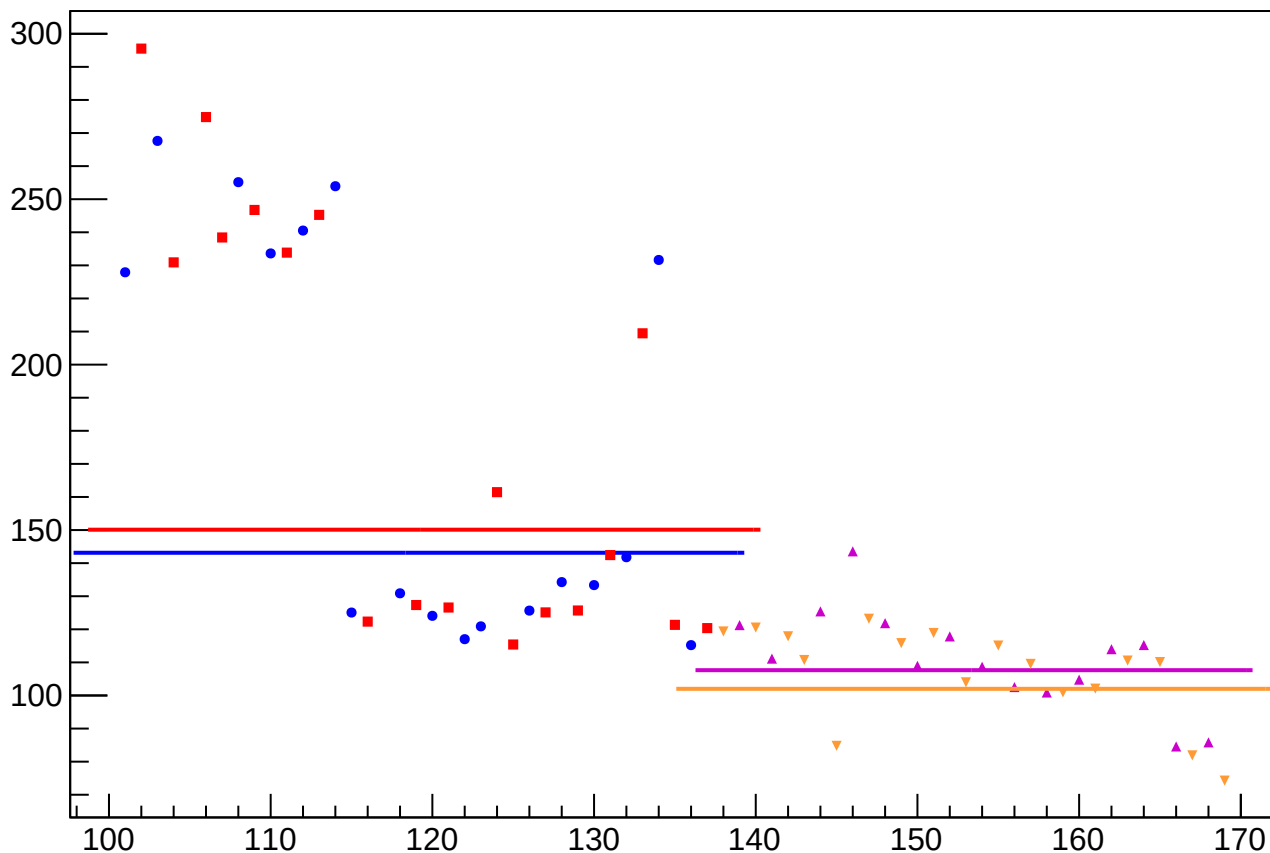
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 79.675 $\pm$ 27.947 χ^2 /NDF:29.3/31

Out: 42.669 $\pm$ 26.098 χ^2 /NDF:41.9/34

All: 59.907 $\pm$ 19.074 χ^2 /NDF: 72.1/66

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: 102.017 $\pm$ 0.020 χ^2 /NDF: 610995.4/16

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 107.650 $\pm$ 0.023 χ^2 /NDF: 388775.7/14

Left: 104.563 $\pm$ 0.015 χ^2 /NDF: 1033949.1/31

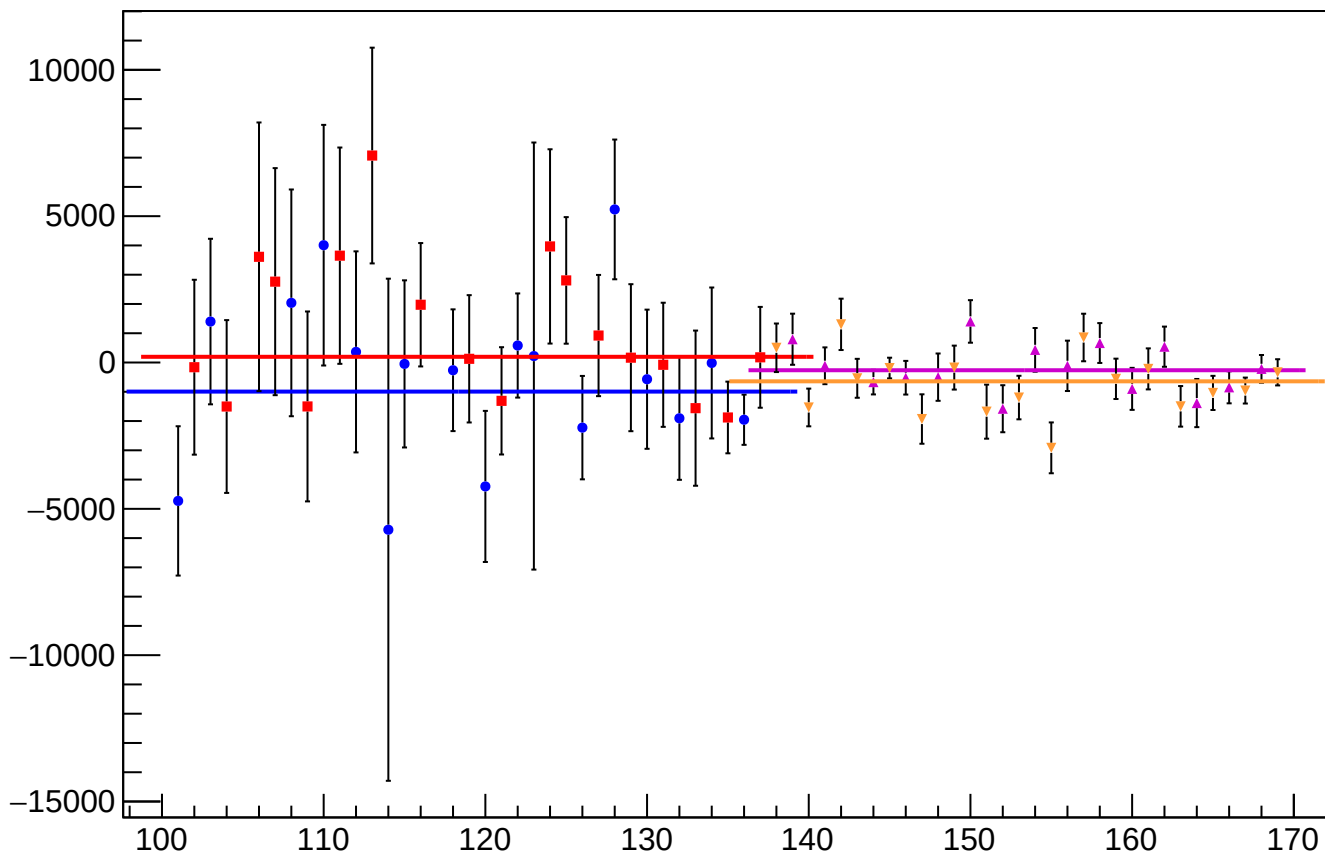
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 115.895 $\pm$ 0.020 χ^2 /NDF: 2065263.2/31

Out: 111.077 $\pm$ 0.018 χ^2 /NDF: 2982200.1/34

All: 113.321 $\pm$ 0.013 χ^2 /NDF: 5079209.2/66

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -642.957+/-151.346 χ^2/NDF : 28.5/16

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -264.158+/-166.372 χ^2/NDF : 18.6/14

Left: -471.431+/-111.954 χ^2/NDF : 50.0/31

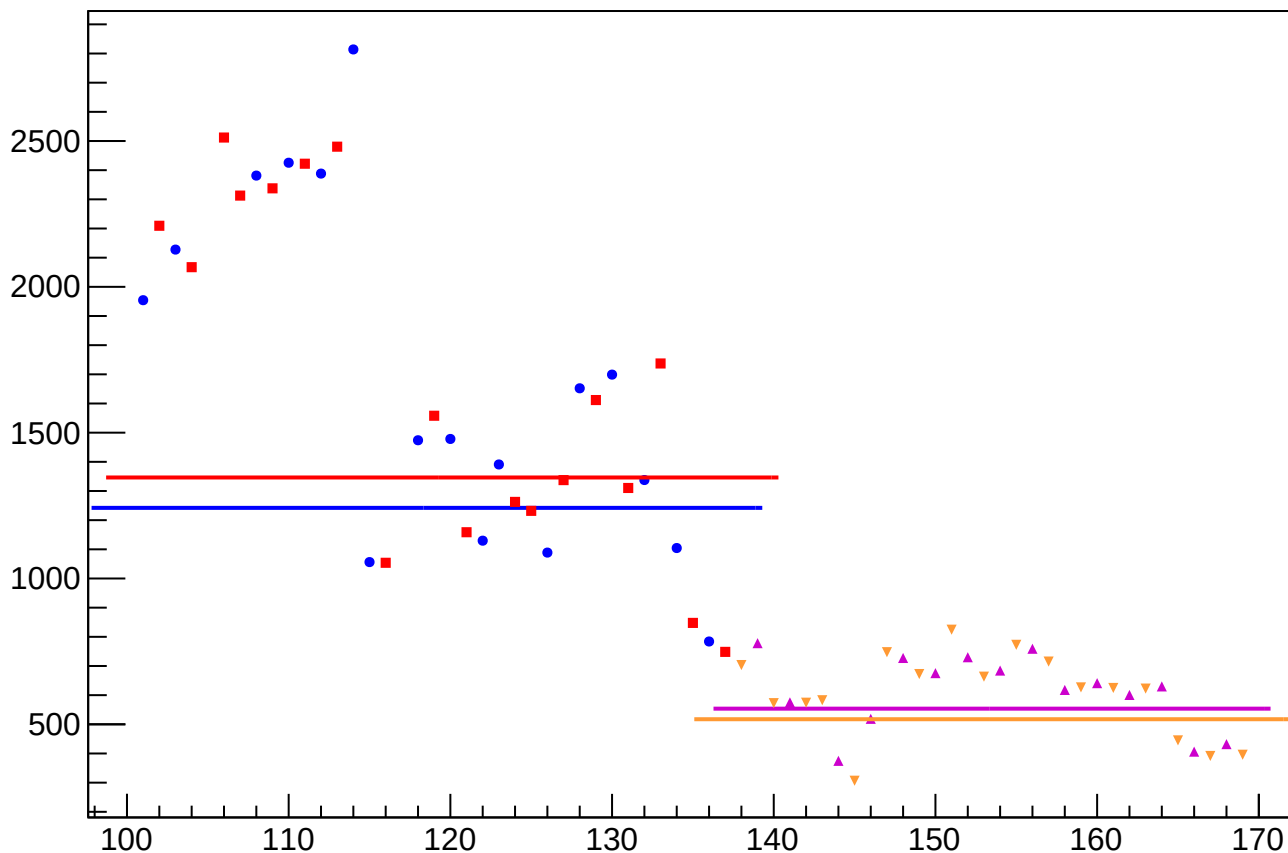
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -332.754+/-158.358 χ^2/NDF : 37.4/31

Out: -582.717+/-145.805 χ^2/NDF : 44.3/34

All: -468.034+/-107.264 χ^2/NDF : 83.0/66

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2/NDF : 1767422.8/16

Left Out: 517.462 $\pm$ 0.107 χ^2/NDF : 2159251.4/16

Right Out: 1346.340 $\pm$ 0.385 χ^2/NDF : 1809161.2/17

Left In: 553.716 $\pm$ 0.118 χ^2/NDF : 1274906.5/14

Left: 533.879 $\pm$ 0.079 χ^2/NDF : 3486123.2/31

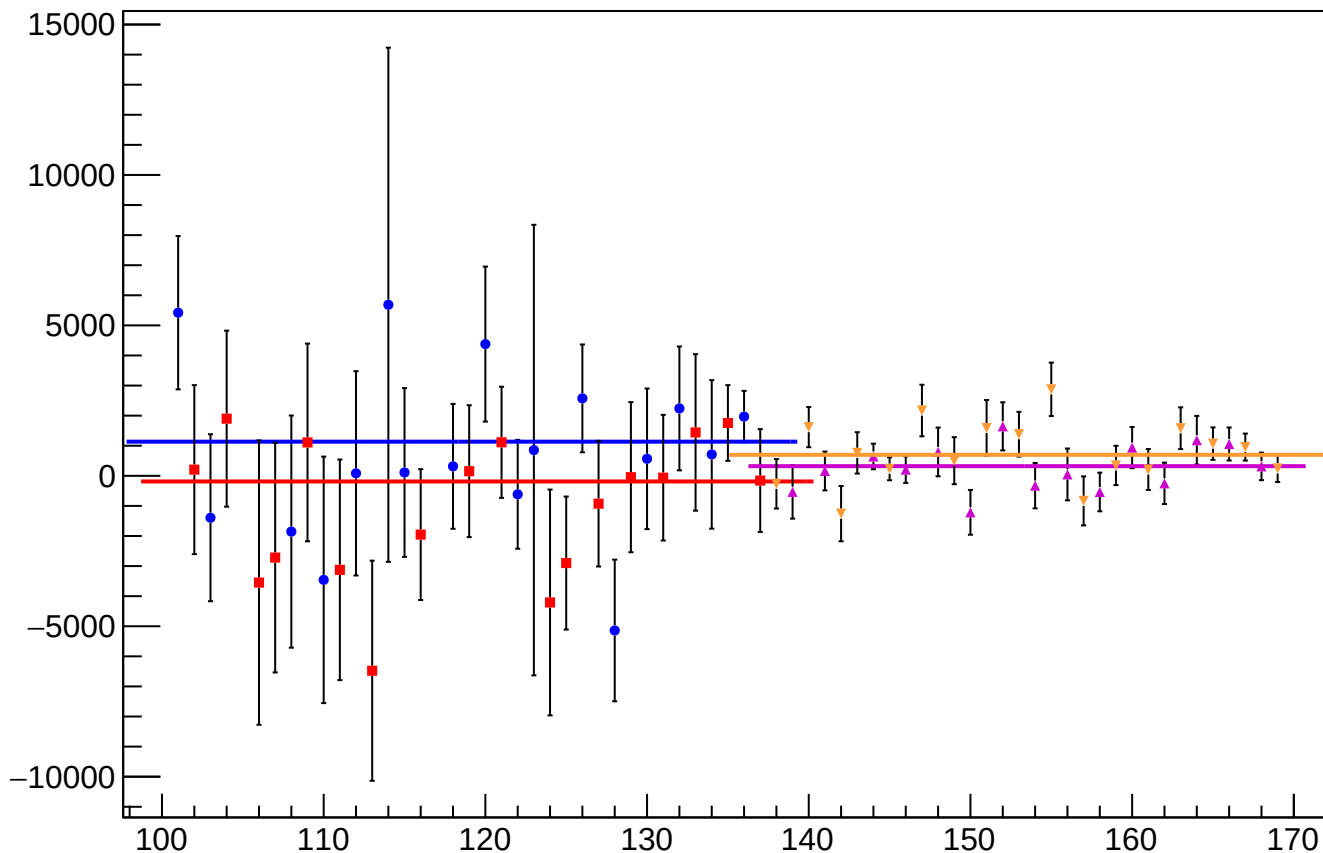
Right: 1291.570 $\pm$ 0.265 χ^2/NDF : 3615166.4/34

In: 618.442 $\pm$ 0.112 χ^2/NDF : 6262093.5/31

Out: 577.046 $\pm$ 0.103 χ^2/NDF : 8280624.1/34

All: 596.038 $\pm$ 0.076 χ^2/NDF : 14616683.8/60

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 697.179+/-153.291 χ^2/NDF : 27.9/16

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 321.111+/-160.864 χ^2/NDF : 16.0/14

Left: 518.205+/-110.974 χ^2/NDF : 46.8/31

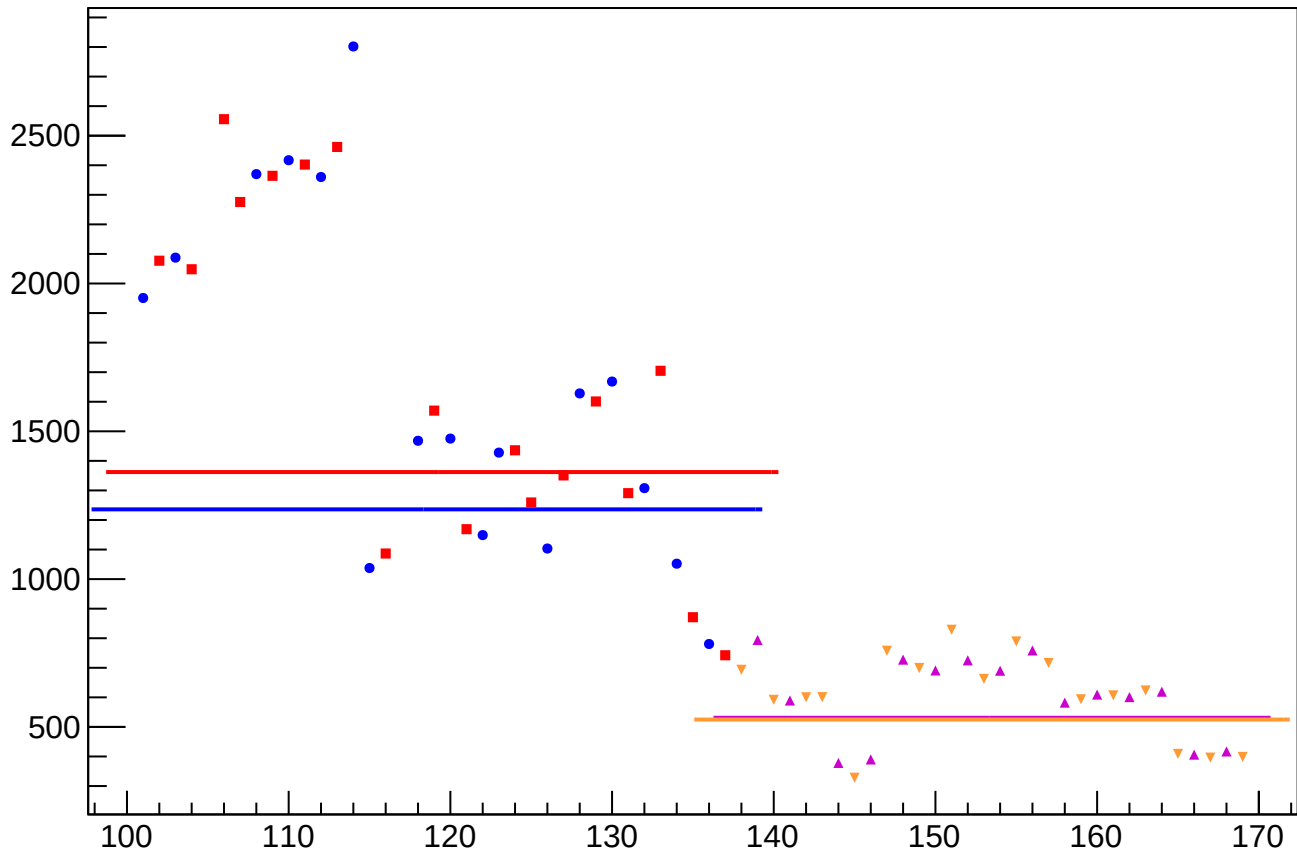
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 393.797+/-153.515 χ^2/NDF : 36.1/31

Out: 633.019+/-147.628 χ^2/NDF : 42.3/34

All: 518.083+/-106.409 χ^2/NDF : 79.6/66

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2/NDF : 1745716.2/16

Left Out: 524.898 $\pm$ 0.108 χ^2/NDF : 1998214.7/16

Right Out: 1362.092 $\pm$ 0.388 χ^2/NDF : 1709253.2/17

Left In: 530.942 $\pm$ 0.114 χ^2/NDF : 1521363.8/14

Left: 527.775 $\pm$ 0.078 χ^2/NDF : 3521057.9/31

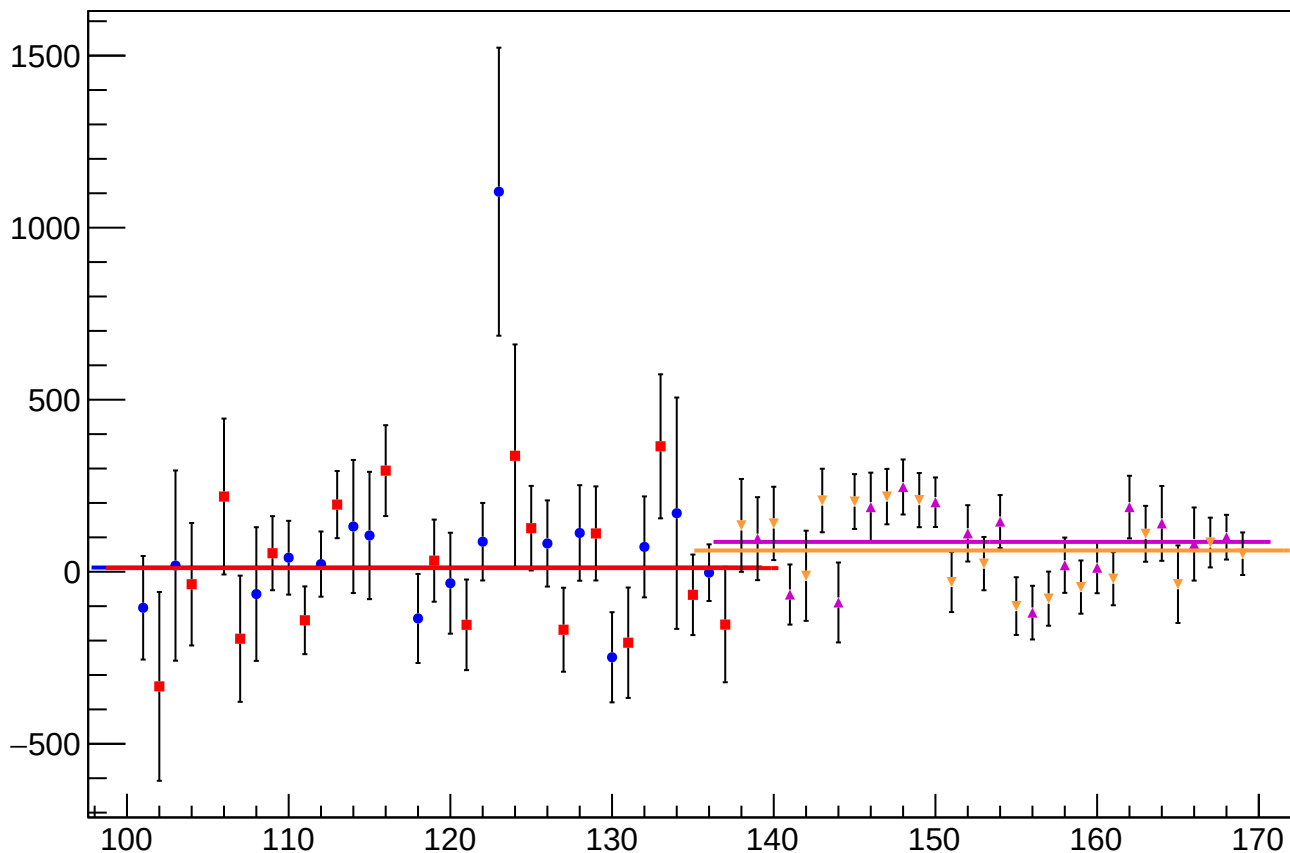
Right: 1294.931 $\pm$ 0.265 χ^2/NDF : 3511356.6/34

In: 593.886 $\pm$ 0.109 χ^2/NDF : 6696730.4/31

Out: 585.614 $\pm$ 0.104 χ^2/NDF : 8033810.9/34

All: 589.588 $\pm$ 0.075 χ^2/NDF : 14733558.1/60

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 ± 33.228 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 61.846 ± 20.363 $\chi^2/\text{NDF}: 26.5/16$

Right Out: 10.591 ± 32.606 $\chi^2/\text{NDF}: 26.7/17$

Left In: 86.807 ± 21.969 $\chi^2/\text{NDF}: 23.8/14$

Left: 73.381 ± 14.934 $\chi^2/\text{NDF}: 51.1/31$

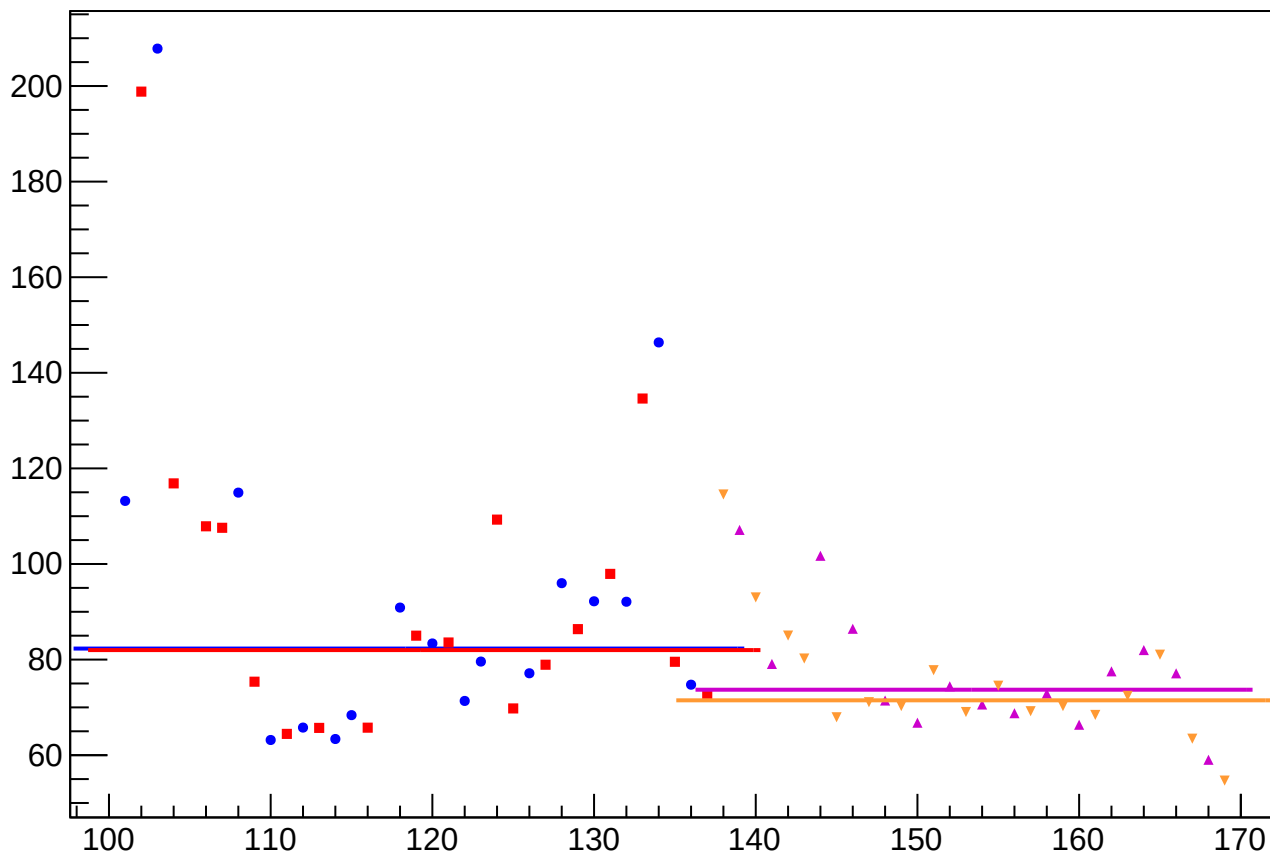
Right: 11.434 ± 23.273 $\chi^2/\text{NDF}: 42.1/34$

In: 64.146 ± 18.326 $\chi^2/\text{NDF}: 42.7/31$

Out: 47.465 ± 17.272 $\chi^2/\text{NDF}: 55.1/34$

All: 55.312 ± 12.569 $\chi^2/\text{NDF}: 98.2/66$

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 71.477+/-0.014 χ^2/NDF : 536304.2/16

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 73.696+/-0.016 χ^2/NDF : 480326.6/14

Left: 72.502+/-0.011 χ^2/NDF : 1027607.2/31

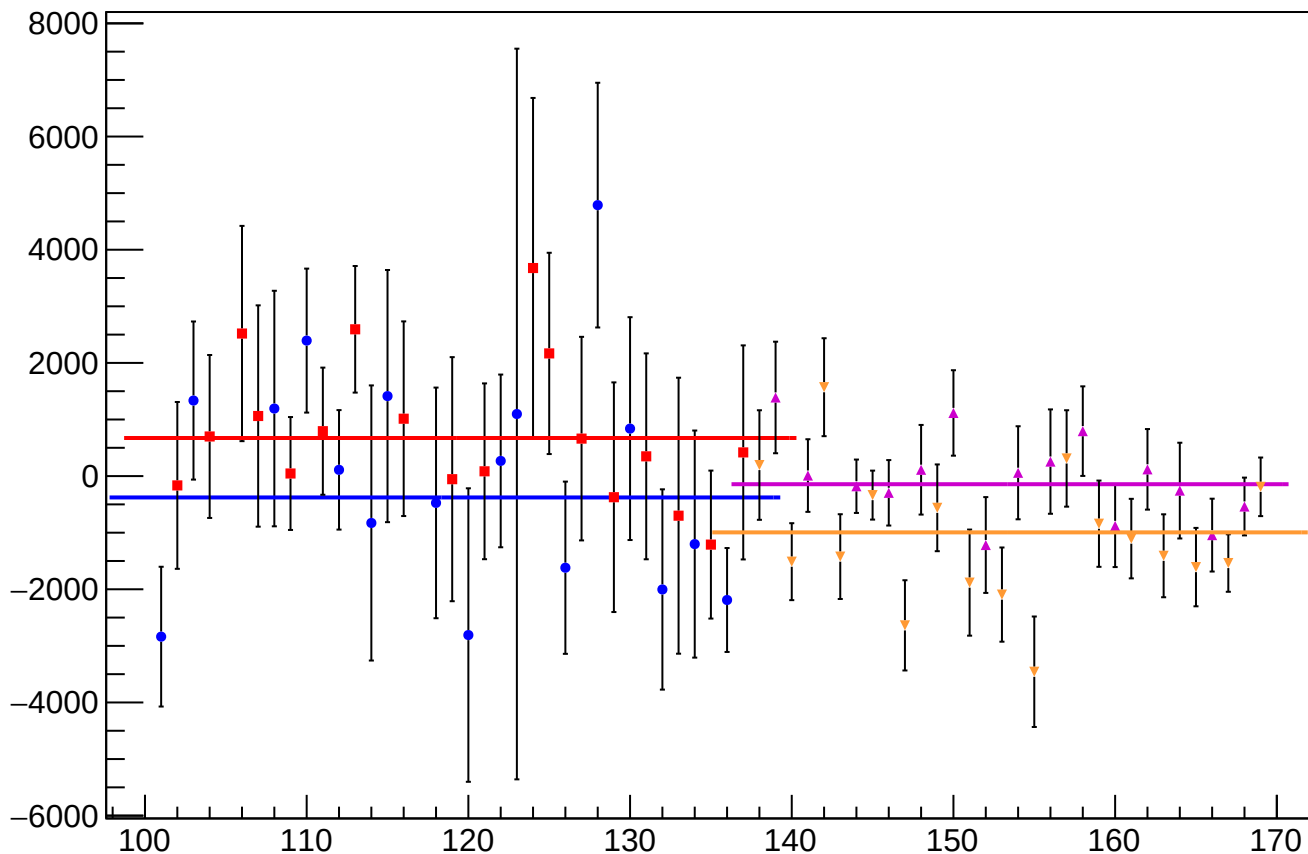
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 76.315+/-0.013 χ^2/NDF : 1442503.3/31

Out: 74.426+/-0.012 χ^2/NDF : 1539026.0/34

All: 75.315+/-0.009 χ^2/NDF : 2992782.8/66

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -994.612+/-168.366 χ^2/NDF :34.2/16

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: -143.369+/-178.319 χ^2/NDF :12.4/14

Left: -593.409+/-122.420 χ^2/NDF : 58.6/31

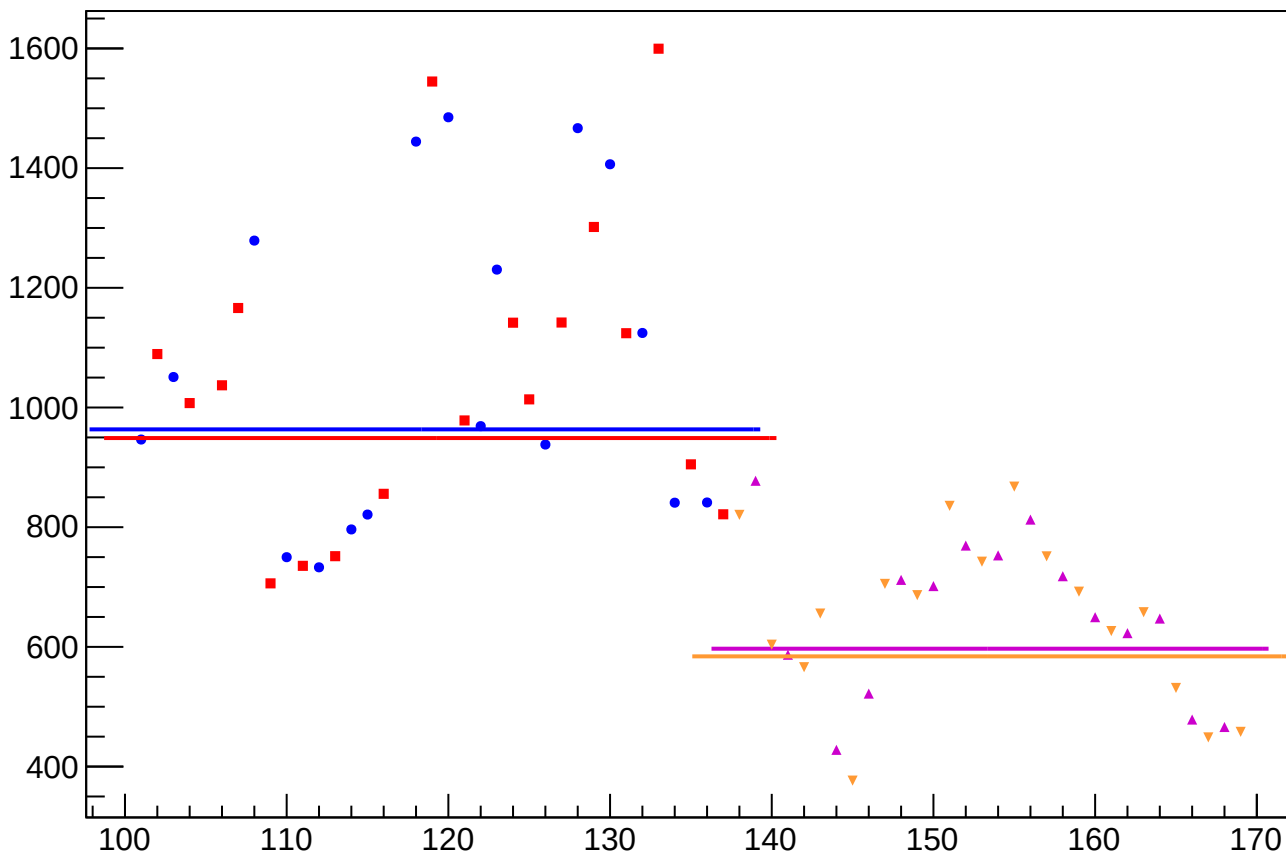
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: -184.889+/-161.724 χ^2/NDF :37.2/31

Out: -706.740+/-153.148 χ^2/NDF :60.5/34

All: -460.018+/-111.200 χ^2/NDF : 103.2/66

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 584.147+/-0.119 χ^2/NDF : 1484833.9/16

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 596.957+/-0.126 χ^2/NDF : 1063847.0/14

Left: 590.185+/-0.087 χ^2/NDF : 2554138.4/31

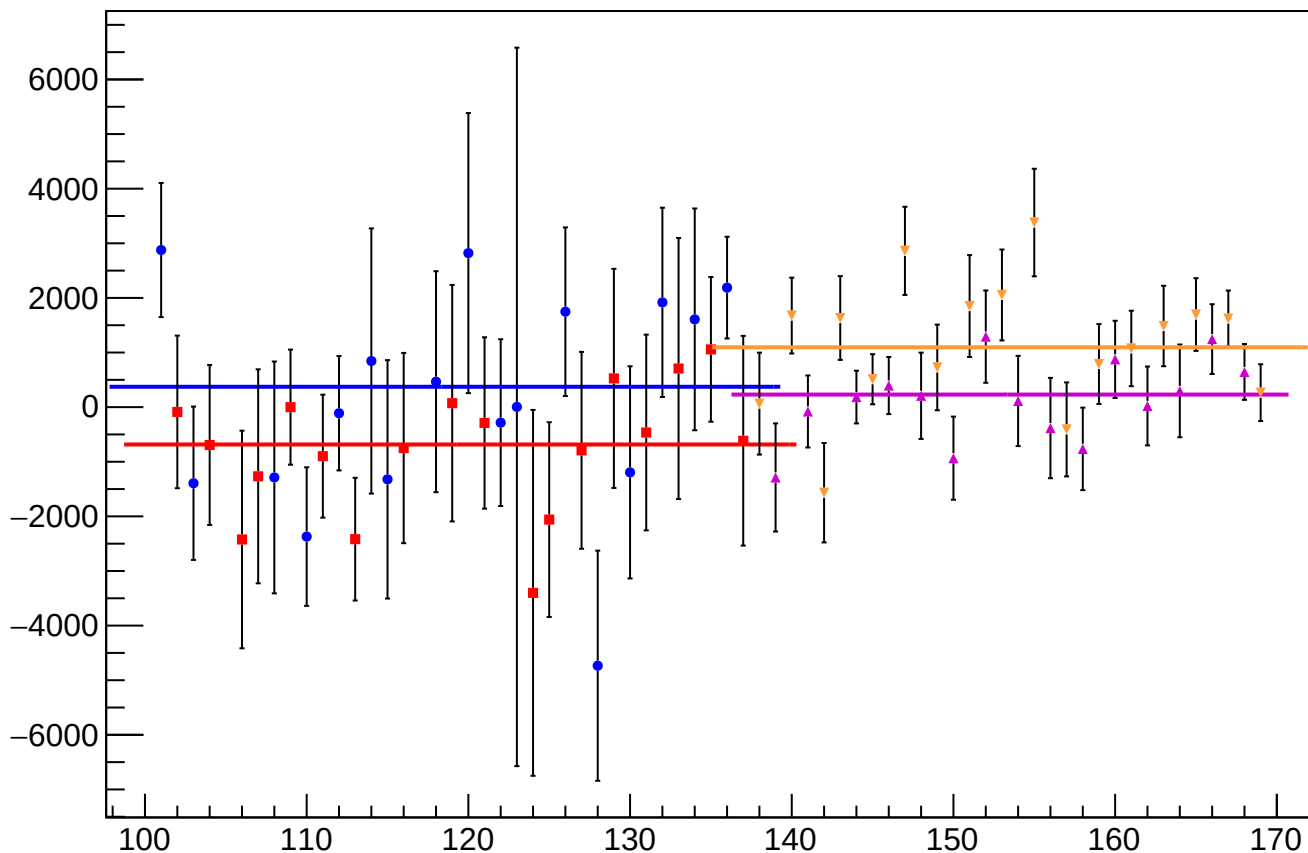
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 662.001+/-0.114 χ^2/NDF : 3252159.1/31

Out: 647.113+/-0.108 χ^2/NDF : 3834856.5/34

All: 654.152+/-0.079 χ^2/NDF : 7095951.7/66

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1095.993 $\pm$ 170.071 χ^2 /NDF:32.9/16

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 230.380 $\pm$ 176.805 χ^2 /NDF:12.9/14

Left: 679.985 $\pm$ 122.570 χ^2 /NDF: 58.2/31

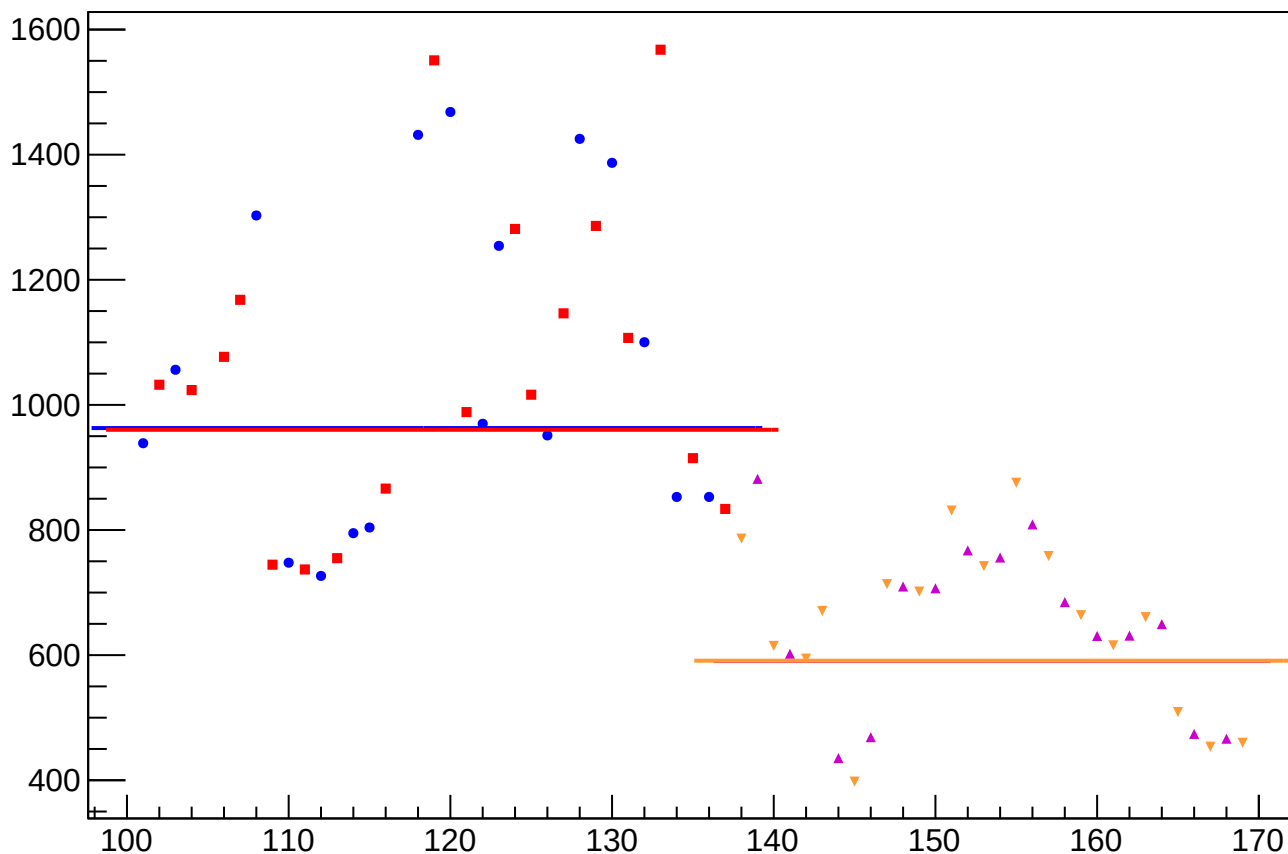
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 255.345 $\pm$ 160.575 χ^2 /NDF:38.3/31

Out: 788.906 $\pm$ 154.703 χ^2 /NDF:59.5/34

All: 532.059 $\pm$ 111.410 χ^2 /NDF: 103.6/66

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 591.096+/-0.120 χ^2/NDF :1333939.2/16

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 590.503+/-0.125 χ^2/NDF :1099705.1/14

Left: 590.811+/-0.087 χ^2/NDF : 2433656.0/31

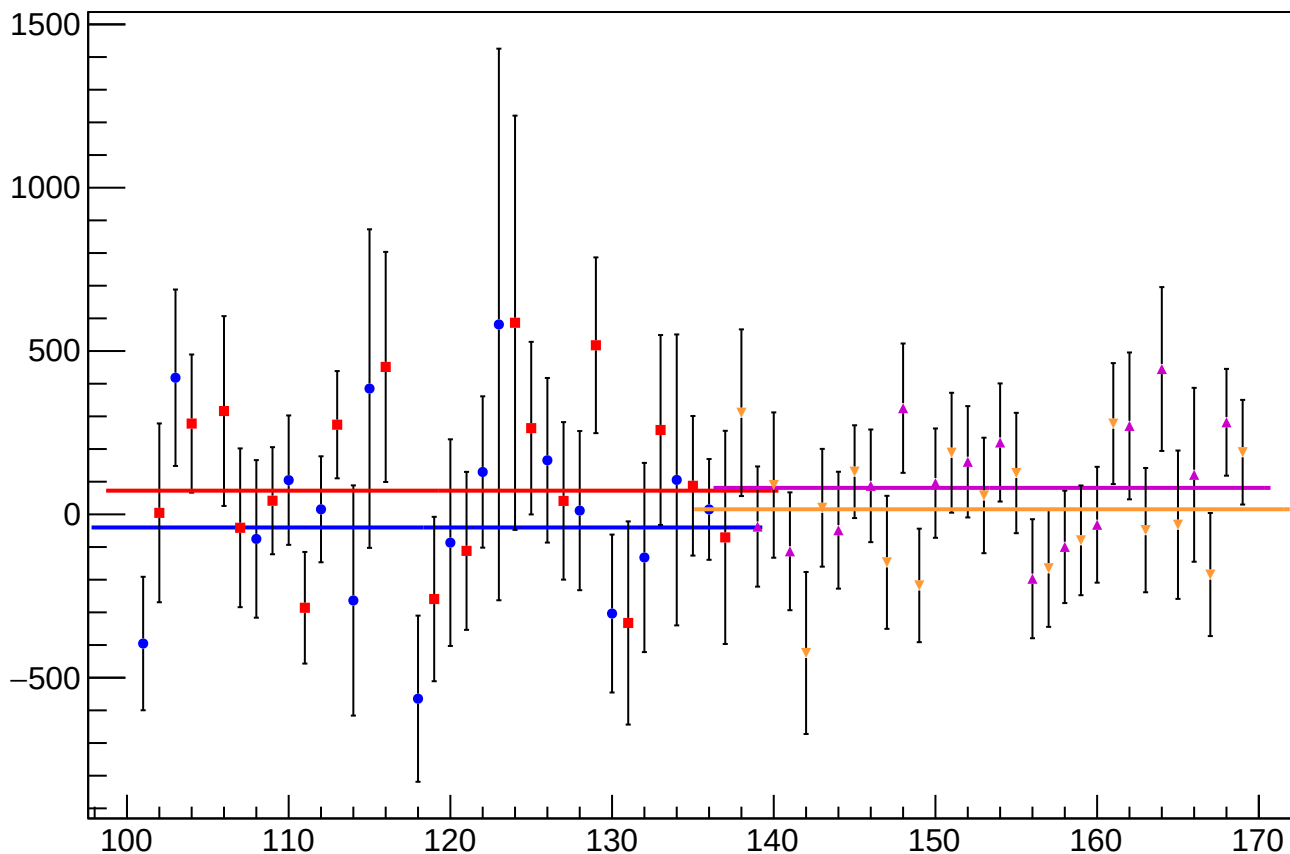
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 655.748+/-0.114 χ^2/NDF :3322028.6/31

Out: 654.792+/-0.109 χ^2/NDF :3630664.2/34

All: 655.252+/-0.079 χ^2/NDF : 6952729.6/66

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 15.609 ± 45.156 χ^2/NDF : 14.8/16

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 81.088 ± 47.981 χ^2/NDF : 12.6/14

Left: 46.363 ± 32.883 χ^2/NDF : 28.4/31

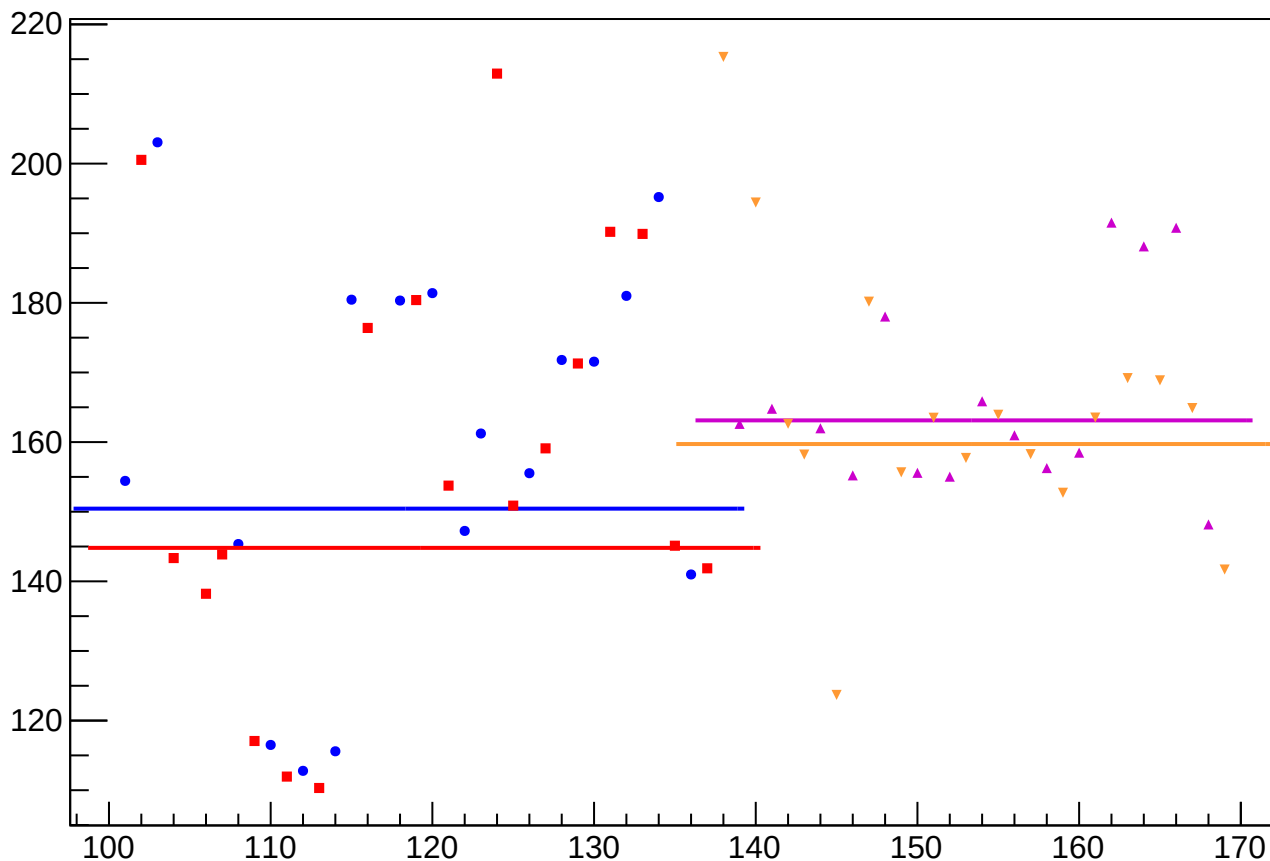
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 33.088 ± 37.289 χ^2/NDF : 30.5/31

Out: 37.915 ± 35.229 χ^2/NDF : 33.0/34

All: 35.638 ± 25.608 χ^2/NDF : 63.5/66

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: 159.721 $\pm$ 0.032 χ^2 /NDF:335672.7/16

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 163.120 $\pm$ 0.034 χ^2 /NDF:119766.2/14

Left: 161.317 $\pm$ 0.023 χ^2 /NDF: 460759.2/31

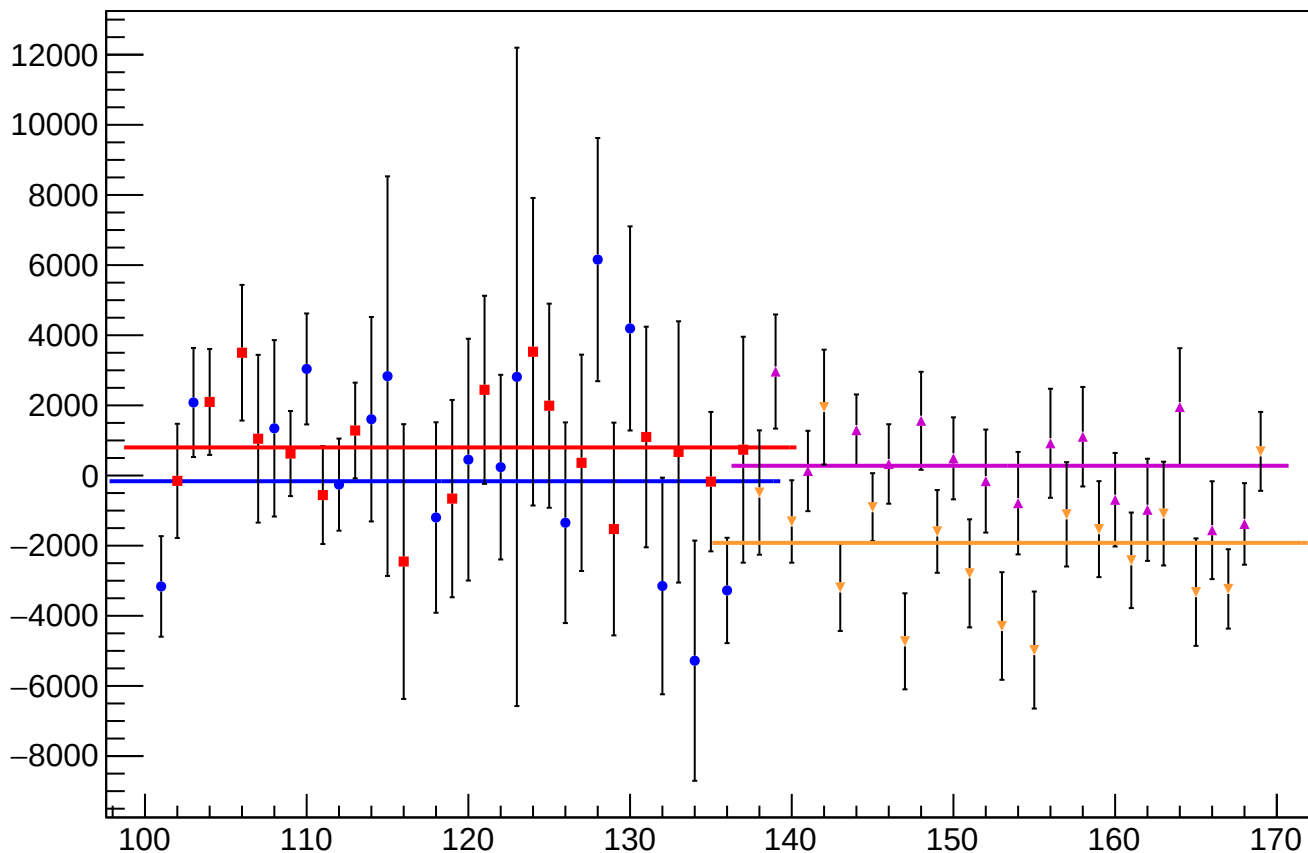
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 158.099 $\pm$ 0.026 χ^2 /NDF:575182.5/31

Out: 153.885 $\pm$ 0.025 χ^2 /NDF:924918.8/34

All: 155.872 $\pm$ 0.018 χ^2 /NDF: 1513599.9/66

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: -1920.589 ± 323.425 $\chi^2/\text{NDF}: 27.4/16$

Right Out: 801.139 ± 486.610 $\chi^2/\text{NDF}: 6.9/17$

Left In: 277.957 ± 340.746 $\chi^2/\text{NDF}: 11.8/14$

Left: -878.614 ± 234.581 $\chi^2/\text{NDF}: 61.1/31$

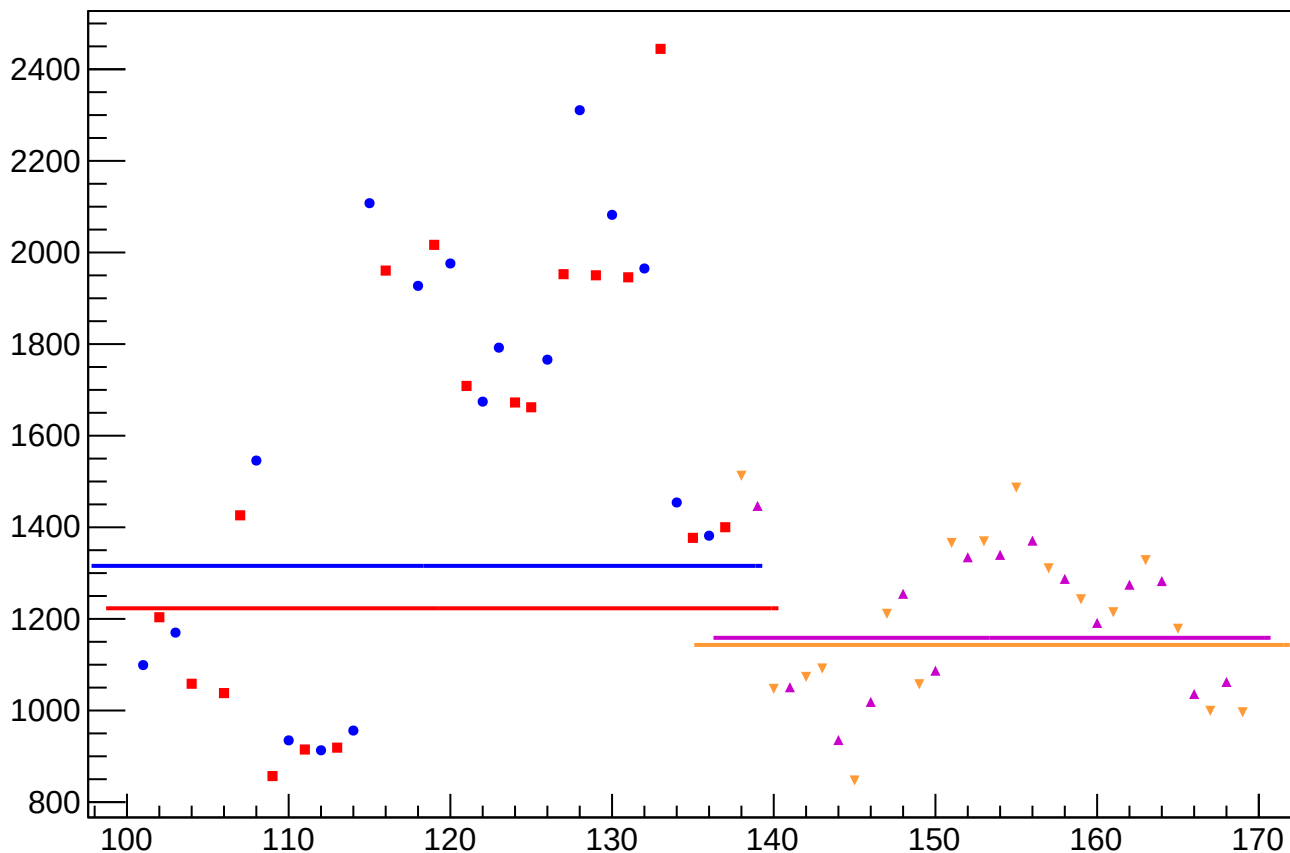
Right: 363.081 ± 359.419 $\chi^2/\text{NDF}: 33.7/34$

In: 150.136 ± 287.118 $\chi^2/\text{NDF}: 37.3/31$

Out: -1086.644 ± 269.356 $\chi^2/\text{NDF}: 56.0/34$

All: -507.689 ± 196.443 $\chi^2/\text{NDF}: 103.2/66$

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: 1143.171 $\pm$ 0.229 χ^2 /NDF: 619212.7/16

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1158.691 $\pm$ 0.241 χ^2 /NDF: 391218.7/14

Left: 1150.526 $\pm$ 0.166 χ^2 /NDF: 1012613.9/31

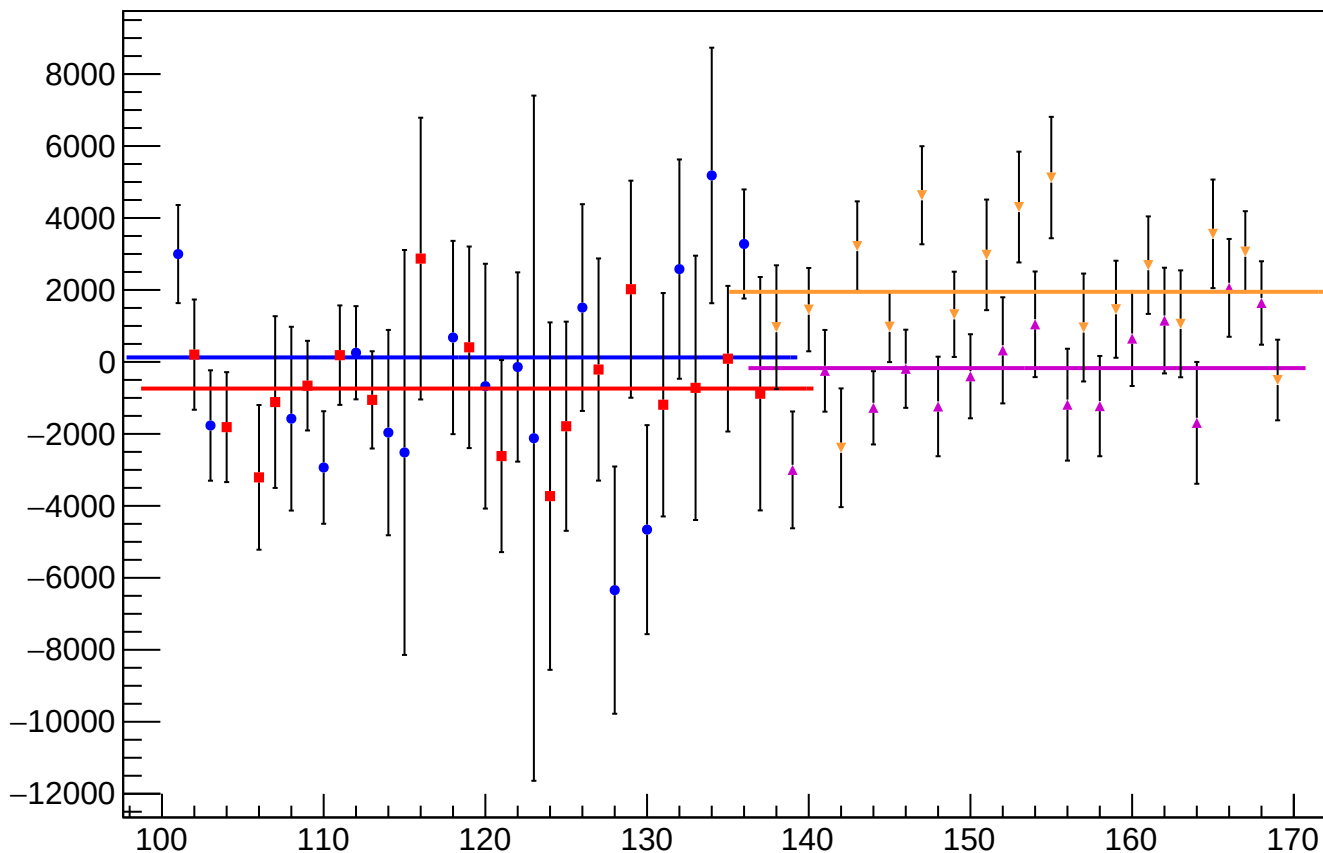
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1204.248 $\pm$ 0.203 χ^2 /NDF: 1632842.6/31

Out: 1167.686 $\pm$ 0.190 χ^2 /NDF: 2019768.1/34

All: 1184.801 $\pm$ 0.139 χ^2 /NDF: 3669860.8/66

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1948.030 $\pm$ 322.723 χ^2 /NDF:28.1/16

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -171.738 $\pm$ 338.070 χ^2 /NDF:13.8/14

Left: 937.351 $\pm$ 233.437 χ^2 /NDF: 62.4/31

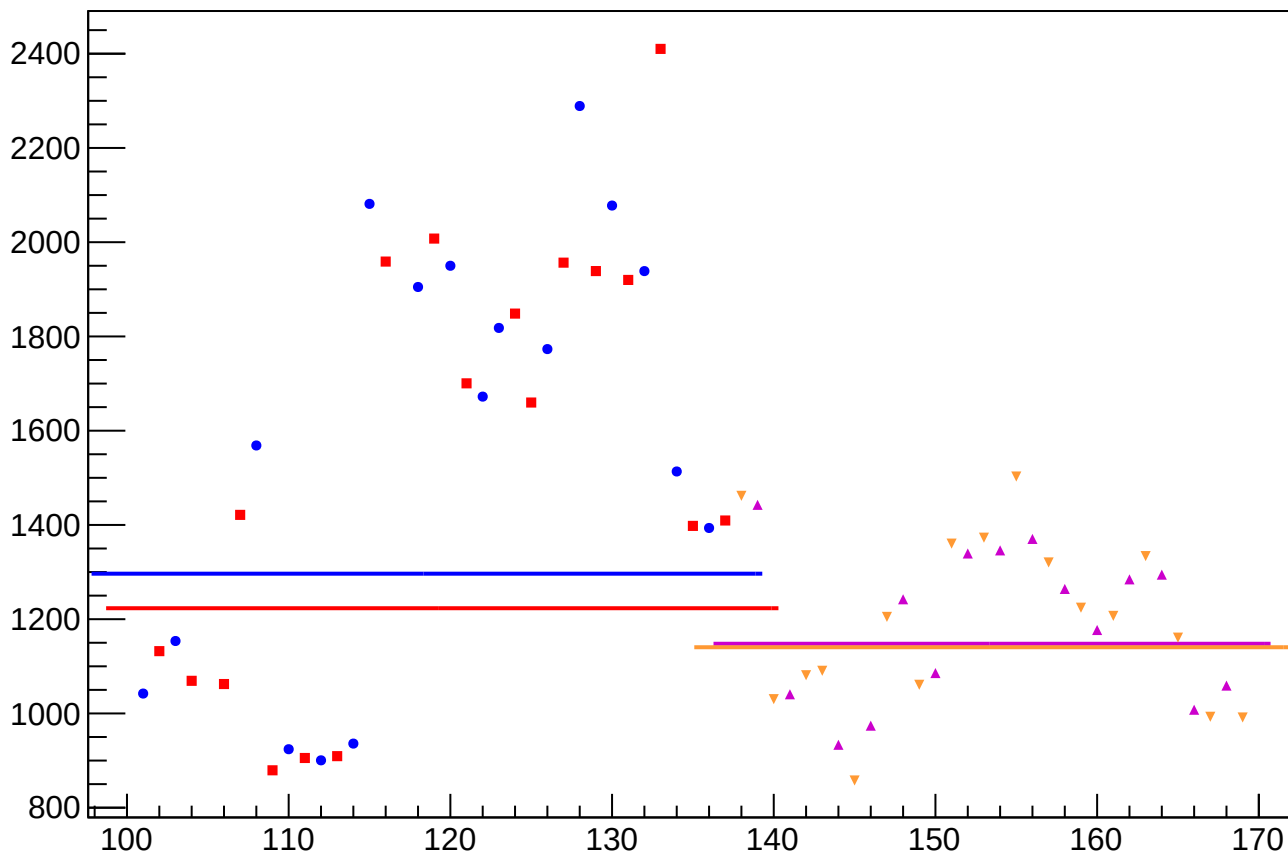
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -85.069 $\pm$ 284.522 χ^2 /NDF:38.7/31

Out: 1127.367 $\pm$ 268.984 χ^2 /NDF:55.2/34

All: 555.156 $\pm$ 195.463 χ^2 /NDF: 103.5/66

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1140.468 $\pm$ 0.228 χ^2/NDF : 597111.8/16

Right Out: 1223.274 $\pm$ 0.344 χ^2/NDF : 1346689.2/17

Left In: 1147.862 $\pm$ 0.239 χ^2/NDF : 430054.0/14

Left: 1143.993 $\pm$ 0.165 χ^2/NDF : 1027666.3/31

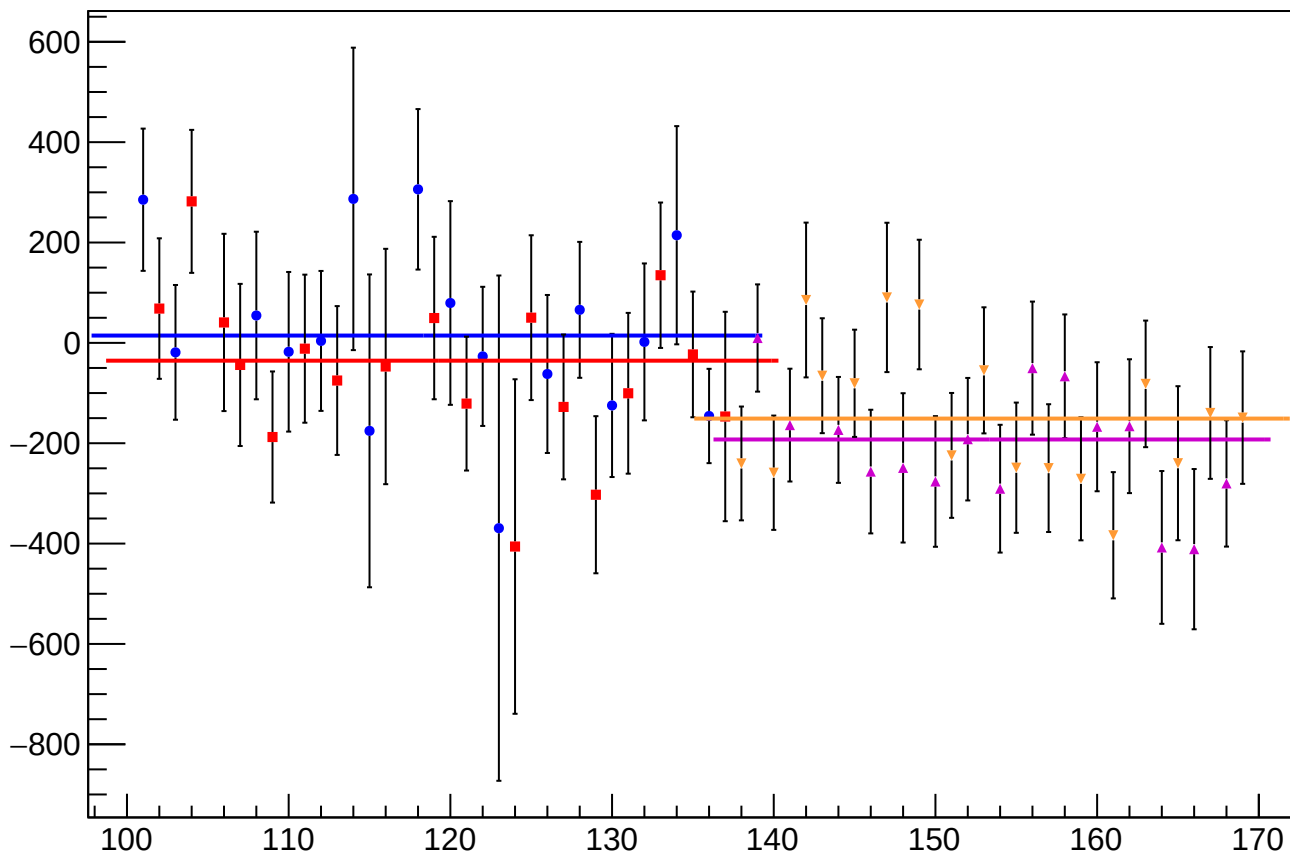
Right: 1257.036 $\pm$ 0.253 χ^2/NDF : 2543039.6/34

In: 1191.241 $\pm$ 0.201 χ^2/NDF : 1718406.4/31

Out: 1165.750 $\pm$ 0.190 χ^2/NDF : 1984001.8/34

All: 1177.780 $\pm$ 0.138 χ^2/NDF : 3710885.5/60

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

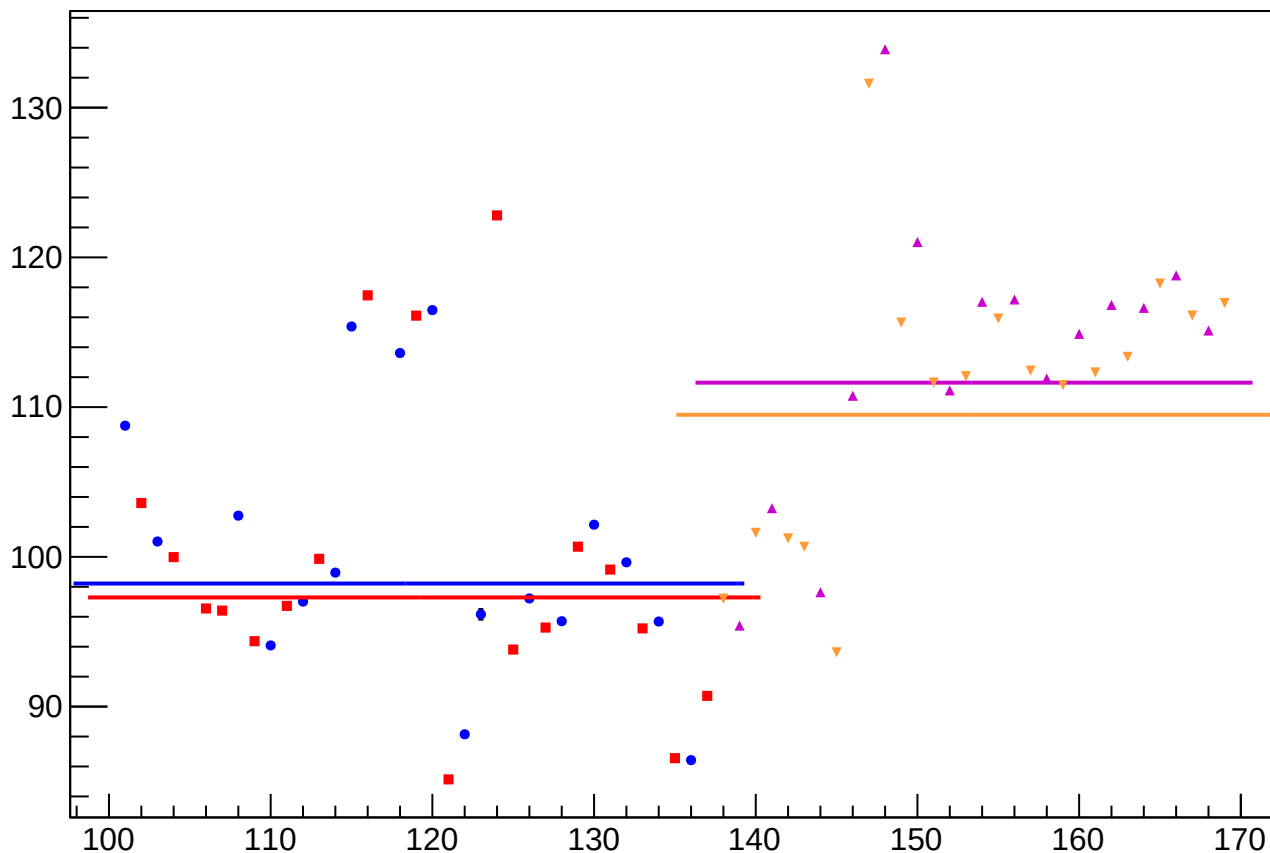


Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -150.882 ± 30.640 $\chi^2/\text{NDF}: 17.7/16$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -192.519 ± 32.615 $\chi^2/\text{NDF}: 11.7/14$

Left: -170.402 ± 22.331 $\chi^2/\text{NDF}: 30.3/31$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -104.718 ± 24.754 $\chi^2/\text{NDF}: 43.0/31$
 Out: -103.522 ± 23.528 $\chi^2/\text{NDF}: 38.0/34$

All: -104.089 ± 17.054 $\chi^2/\text{NDF}: 81.1/66$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 109.490+/-0.022 χ^2/NDF : 172240.6/16

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 111.635+/-0.023 χ^2/NDF : 166870.7/14

Left: 110.495+/-0.016 χ^2/NDF : 343707.3/31

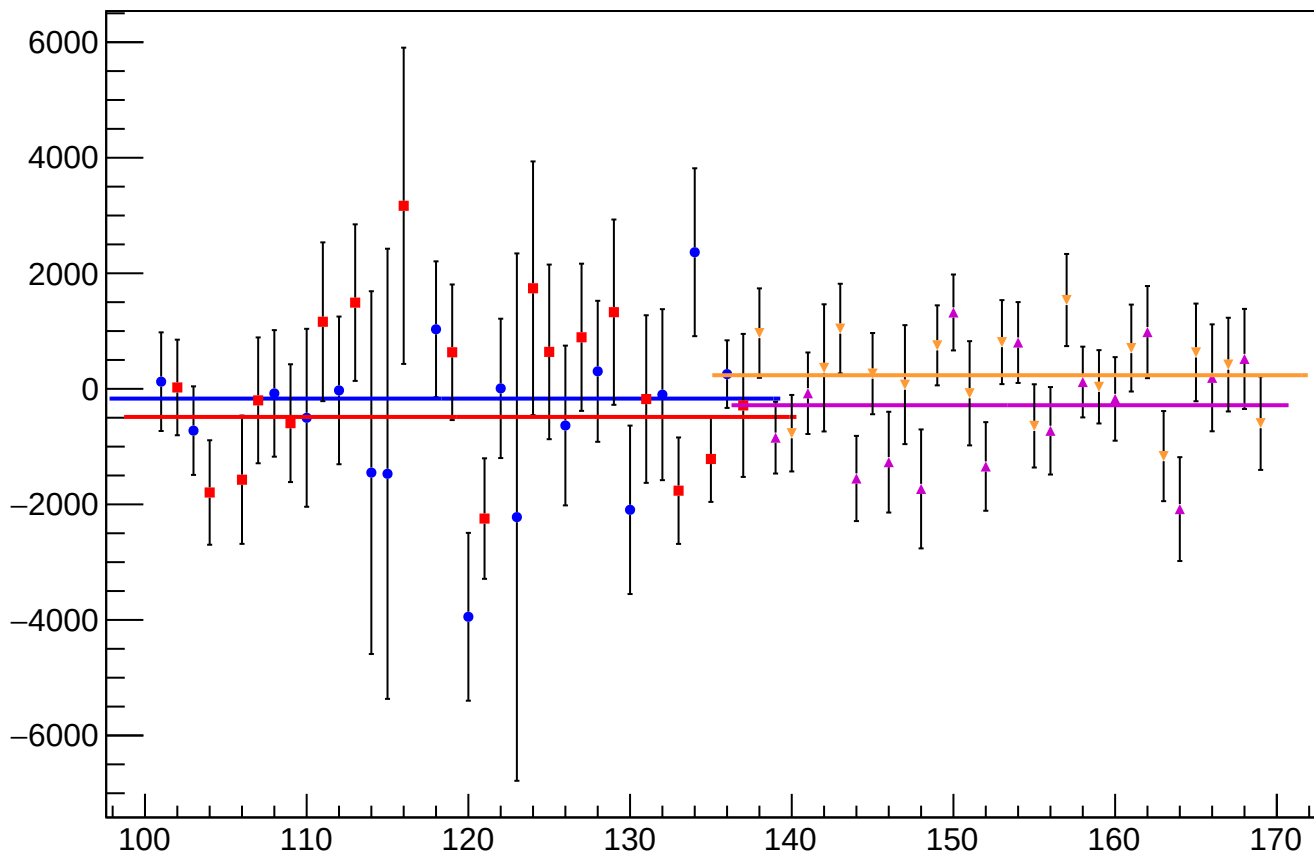
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 105.947+/-0.018 χ^2/NDF : 410852.6/31

Out: 104.483+/-0.017 χ^2/NDF : 398559.0/34

All: 105.178+/-0.012 χ^2/NDF : 813085.0/66

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 235.831 $\pm$ 187.496 χ^2 /NDF:14.8/16

Right Out: -486.312 $\pm$ 268.010 χ^2 /NDF: 19.6/17

Left In: -283.714 $\pm$ 194.653 χ^2 /NDF:25.8/14

Left: -14.214 $\pm$ 135.039 χ^2 /NDF: 44.3/31

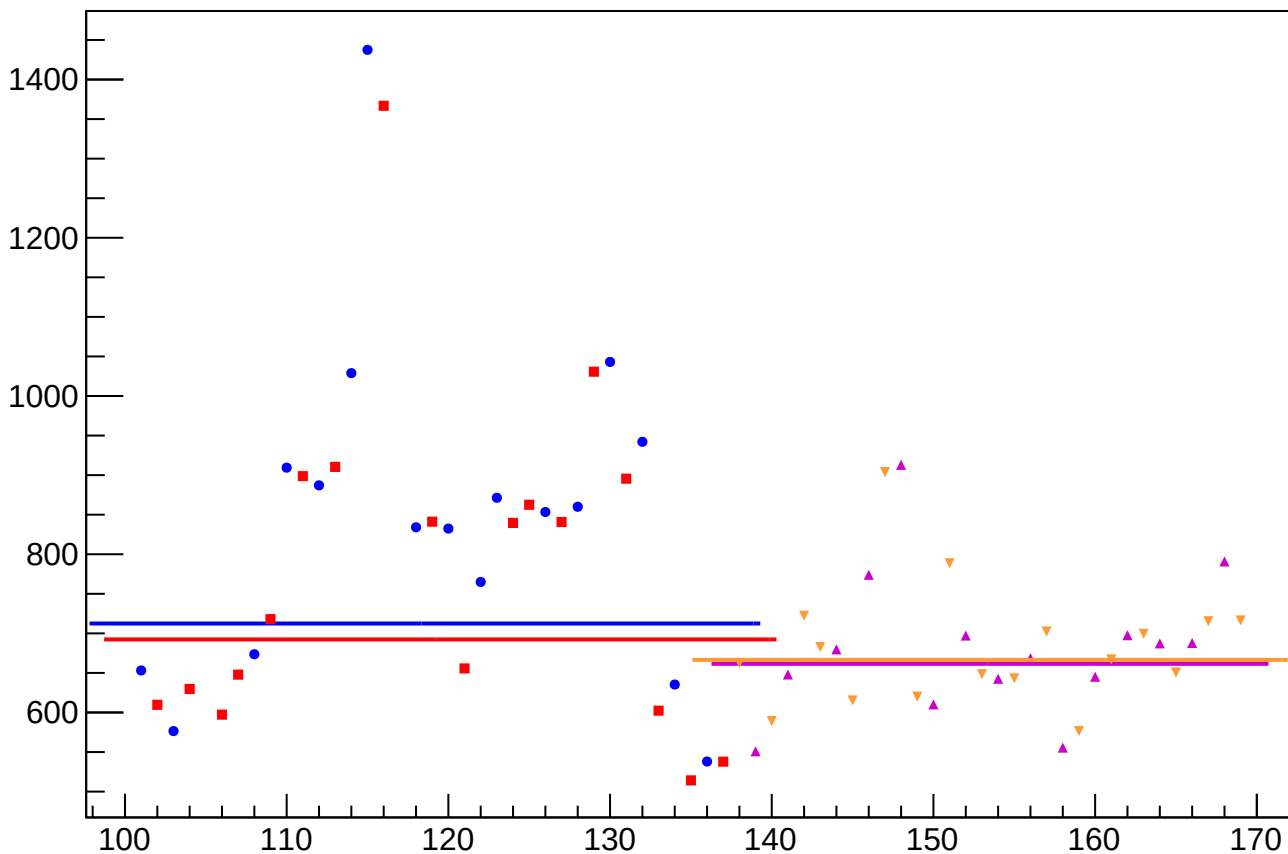
Right: -335.728 $\pm$ 194.327 χ^2 /NDF: 34.9/34

In: -246.663 $\pm$ 160.228 χ^2 /NDF:40.5/31

Out: -1.464 $\pm$ 153.632 χ^2 /NDF:39.3/34

All: -118.913 $\pm$ 110.893 χ^2 /NDF: 81.0/66

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: 666.497 $\pm$ 0.133 χ^2 /NDF: 262666.9/16

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 661.522 $\pm$ 0.138 χ^2 /NDF: 349003.5/14

Left: 664.102 $\pm$ 0.095 χ^2 /NDF: 612348.2/31

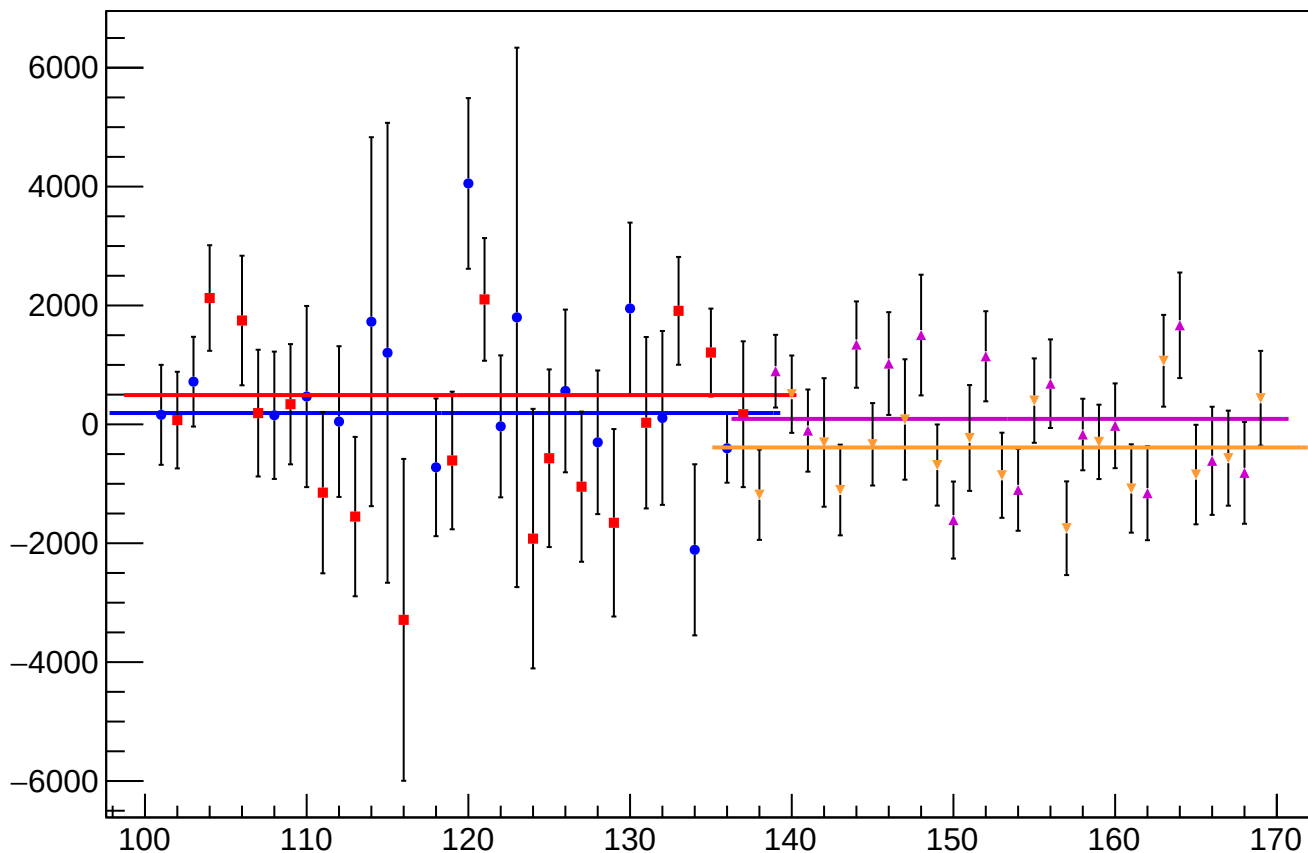
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 677.951 $\pm$ 0.113 χ^2 /NDF: 1053711.7/31

Out: 674.990 $\pm$ 0.109 χ^2 /NDF: 932107.5/34

All: 676.408 $\pm$ 0.078 χ^2 /NDF: 1986175.1/66

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880+/-278.670 χ^2/NDF : 14.2/16

Left Out: -388.718+/-184.799 χ^2/NDF :14.8/16

Right Out: 492.784+/-264.629 χ^2/NDF : 22.8/17

Left In: 91.881+/-191.859 χ^2/NDF :27.9/14

Left: -157.424+/-133.098 χ^2/NDF : 46.0/31

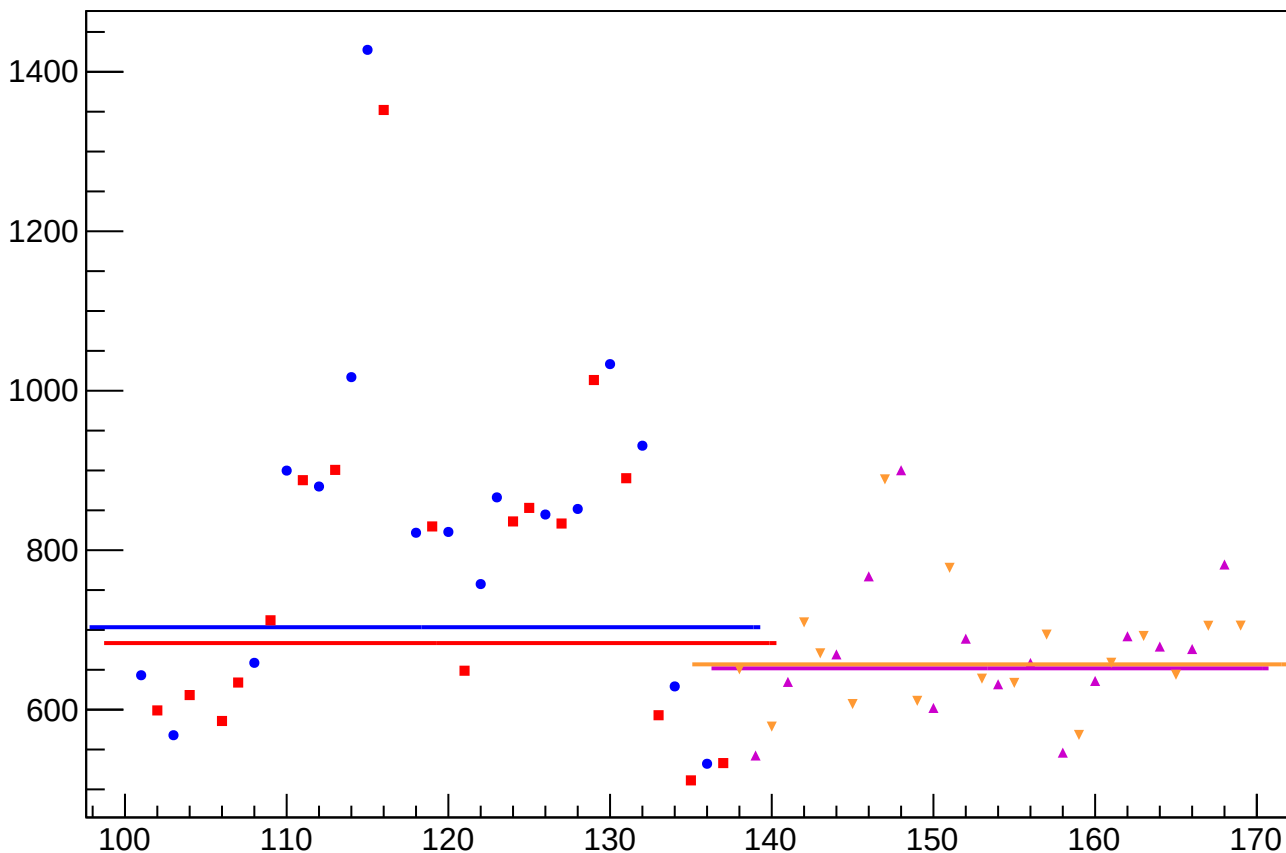
Right: 349.629+/-191.893 χ^2/NDF : 37.6/34

In: 123.717+/-158.027 χ^2/NDF :42.2/31

Out: -99.756+/-151.512 χ^2/NDF :45.1/34

All: 7.278+/-109.366 χ^2/NDF : 88.3/66

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 656.817 $\pm$ 0.131 χ^2 /NDF:262986.1/16

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 651.838 $\pm$ 0.136 χ^2 /NDF:357454.0/14

Left: 654.420 $\pm$ 0.094 χ^2 /NDF: 621138.8/31

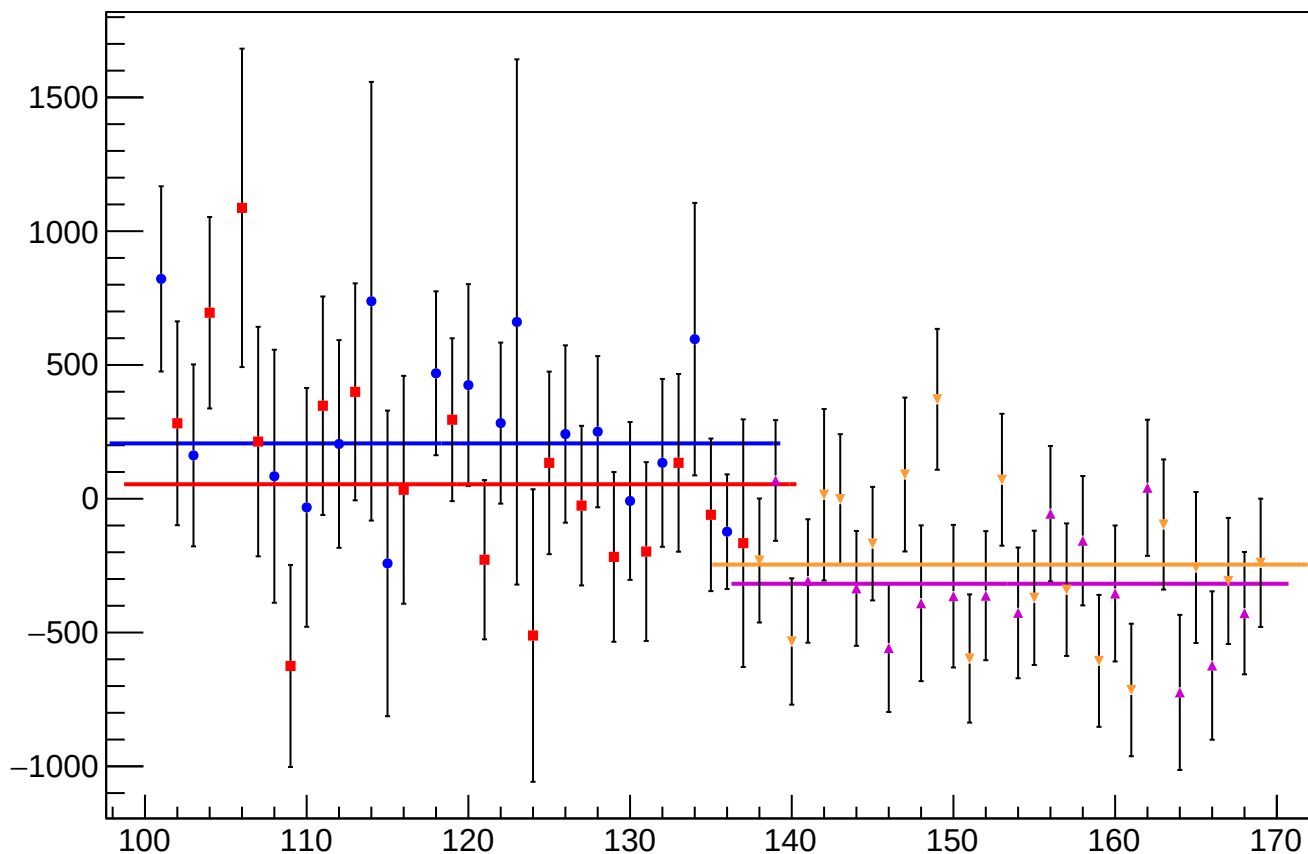
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 668.421 $\pm$ 0.112 χ^2 /NDF:1070803.7/31

Out: 665.561 $\pm$ 0.107 χ^2 /NDF:936003.5/34

All: 666.931 $\pm$ 0.077 χ^2 /NDF: 2007148.5/66

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected

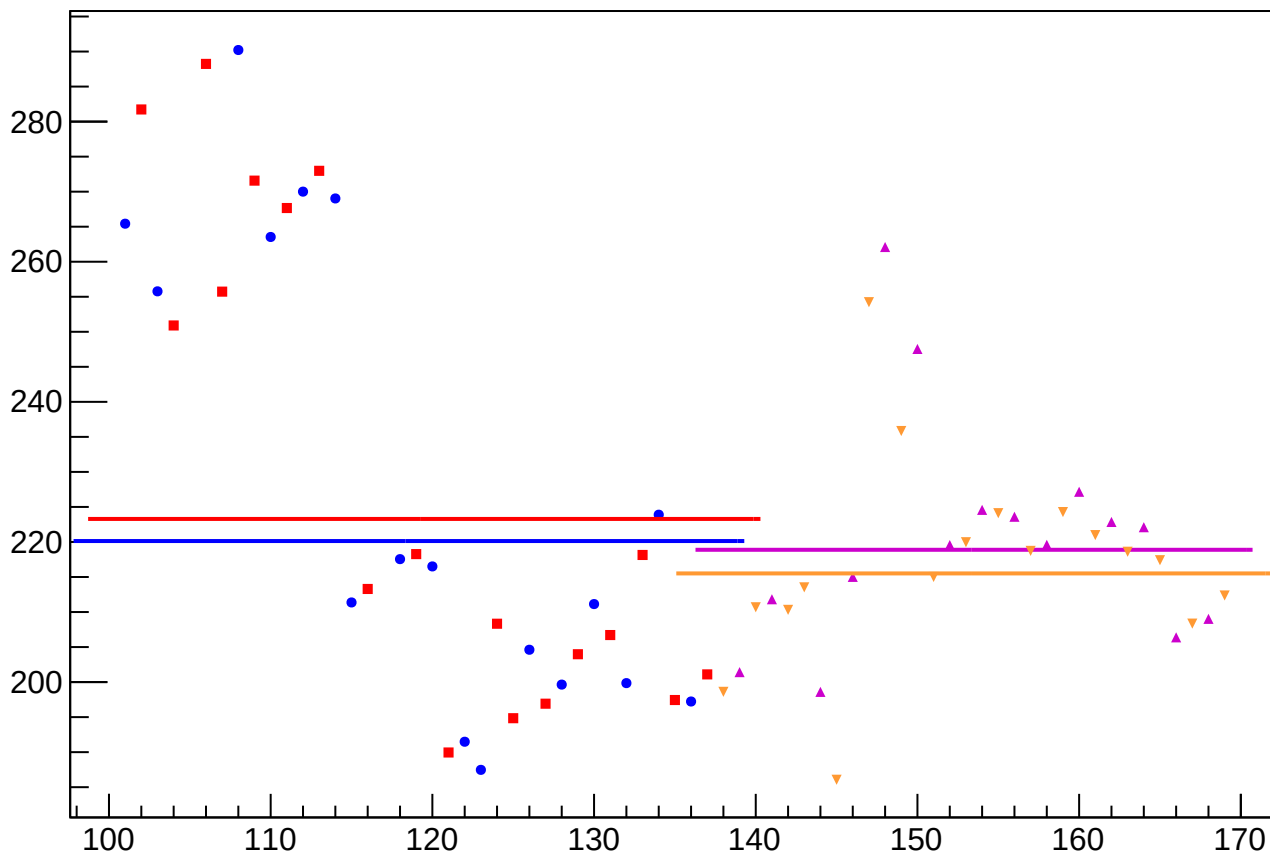


Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -246.088 ± 60.227 $\chi^2/\text{NDF}: 20.5/16$
 Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$
 Left In: -317.698 ± 63.862 $\chi^2/\text{NDF}: 11.2/14$

Left: -279.797 ± 43.816 $\chi^2/\text{NDF}: 32.4/31$
 Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$
 In: -130.215 ± 51.193 $\chi^2/\text{NDF}: 44.8/31$
 Out: -146.025 ± 49.179 $\chi^2/\text{NDF}: 44.5/34$

All: -138.437 ± 35.465 $\chi^2/\text{NDF}: 89.3/66$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2/NDF : 228444.0/16

Left Out: 215.511 $\pm$ 0.043 χ^2/NDF :108297.6/16

Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17

Left In: 218.885 $\pm$ 0.045 χ^2/NDF :111903.6/14

Left: 217.099 $\pm$ 0.031 χ^2/NDF : 223155.6/31

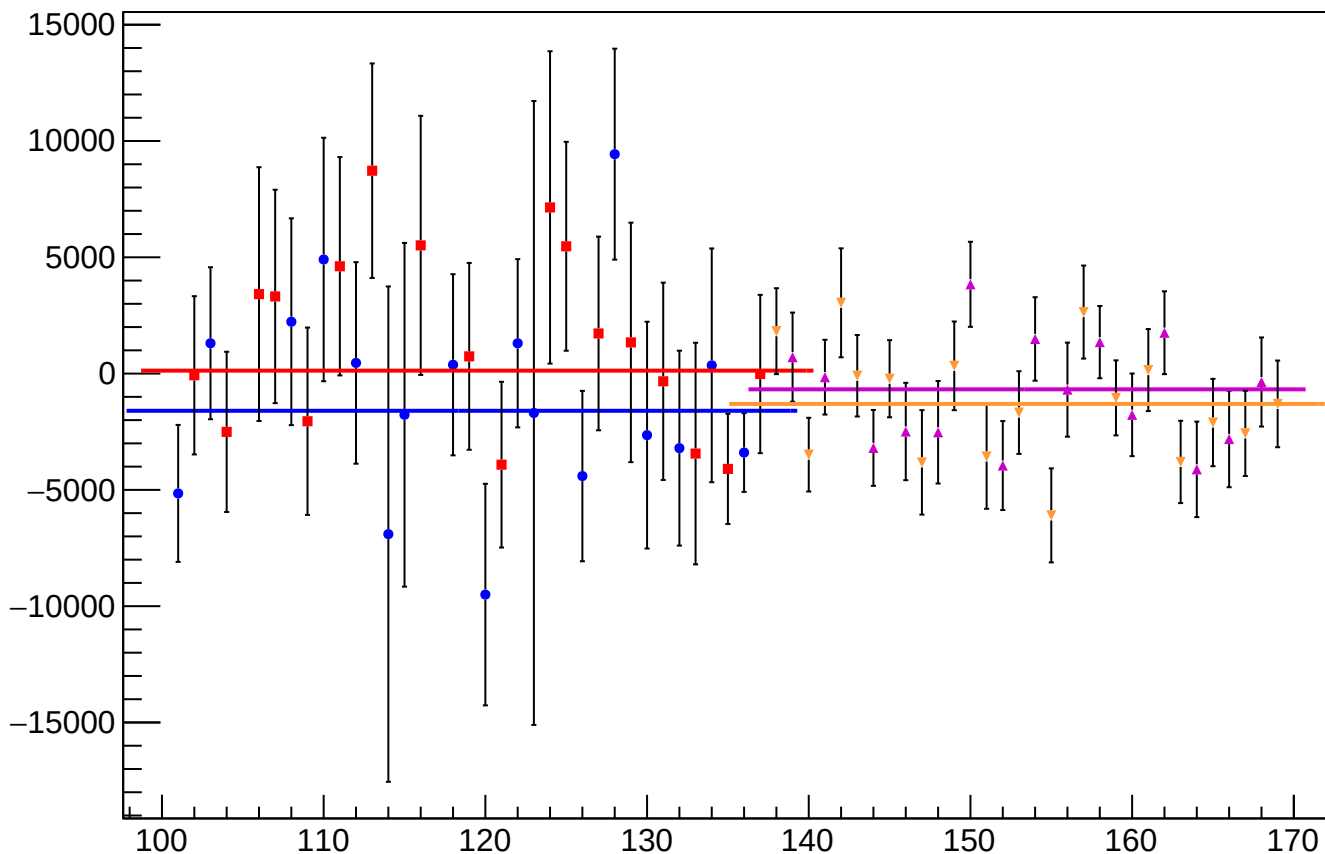
Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34

In: 219.331 $\pm$ 0.036 χ^2/NDF :340620.6/31

Out: 218.102 $\pm$ 0.035 χ^2/NDF :391664.7/34

All: 218.692 $\pm$ 0.025 χ^2/NDF : 732884.2/66

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -1304.151+/-449.929 χ^2/NDF : 25.0/16

Right Out: 127.760+/-949.094 χ^2/NDF : 14.8/17

Left In: -677.028+/-477.454 χ^2/NDF : 22.8/14

Left: -1009.186+/-327.446 χ^2/NDF : 48.8/31

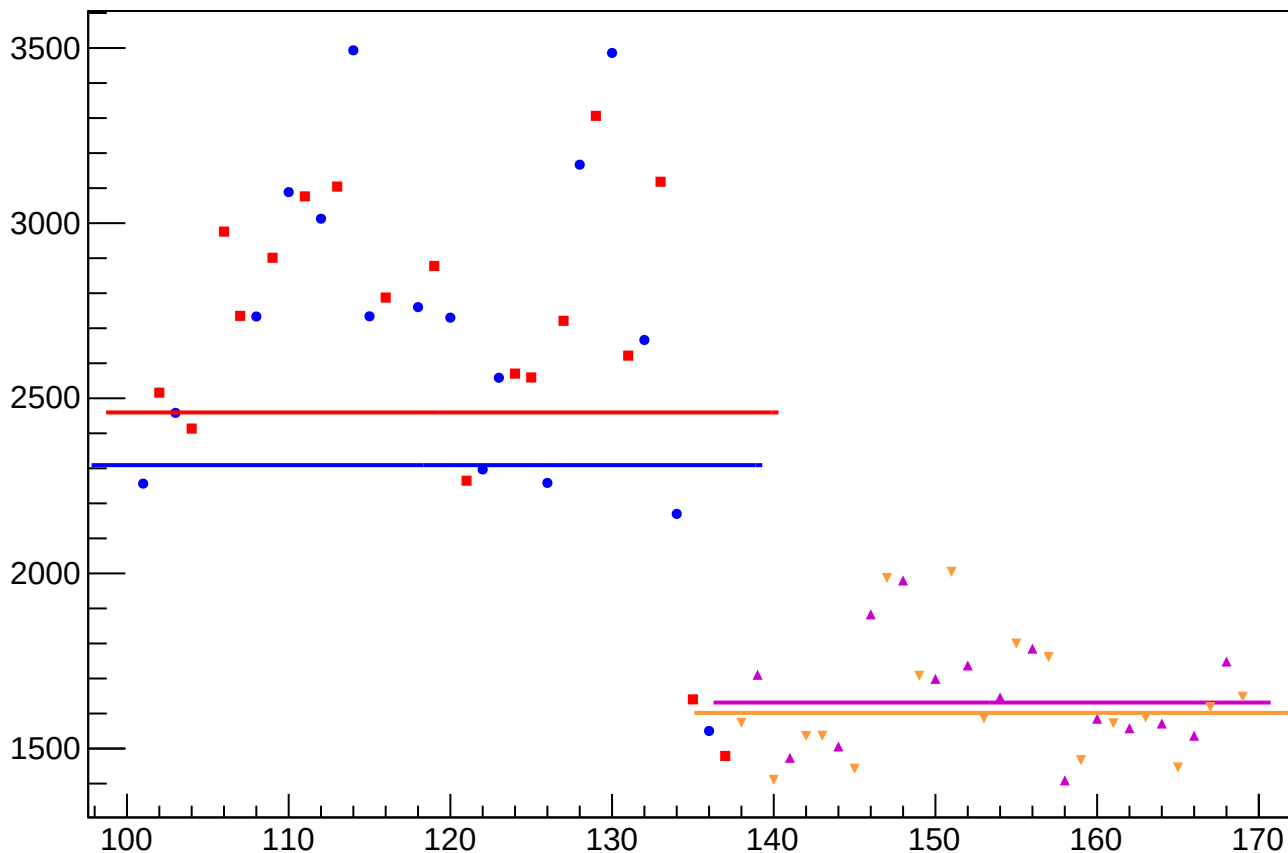
Right: -761.539+/-660.970 χ^2/NDF : 33.2/34

In: -872.316+/-423.885 χ^2/NDF : 40.2/31

Out: -1041.401+/-406.558 χ^2/NDF : 41.7/34

All: -960.385+/-293.414 χ^2/NDF : 82.0/66

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: 1601.910 $\pm$ 0.318 χ^2 /NDF: 243283.9/16

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1631.338 $\pm$ 0.338 χ^2 /NDF: 193182.7/14

Left: 1615.751 $\pm$ 0.232 χ^2 /NDF: 440490.8/31

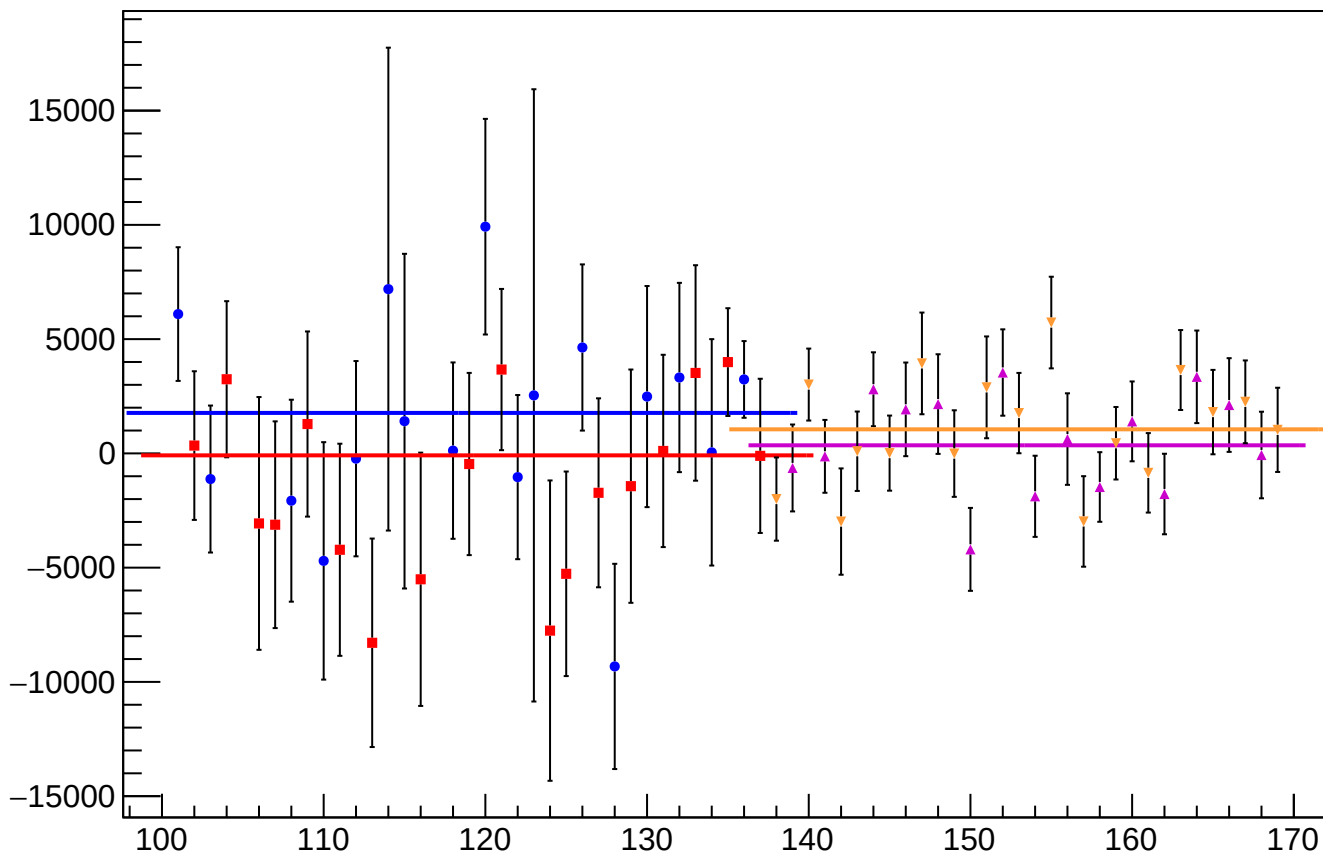
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1774.898 $\pm$ 0.300 χ^2 /NDF: 1847600.2/31

Out: 1759.294 $\pm$ 0.287 χ^2 /NDF: 2245088.2/34

All: 1766.770 $\pm$ 0.207 χ^2 /NDF: 4094100.1/66

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 1053.095 $\pm$ 445.086 χ^2/NDF : 24.6/16

Right Out: -86.080 $\pm$ 939.852 χ^2/NDF : 14.5/17

Left In: 353.668 $\pm$ 471.807 χ^2/NDF : 20.9/14

Left: 723.747 $\pm$ 323.758 χ^2/NDF : 46.7/31

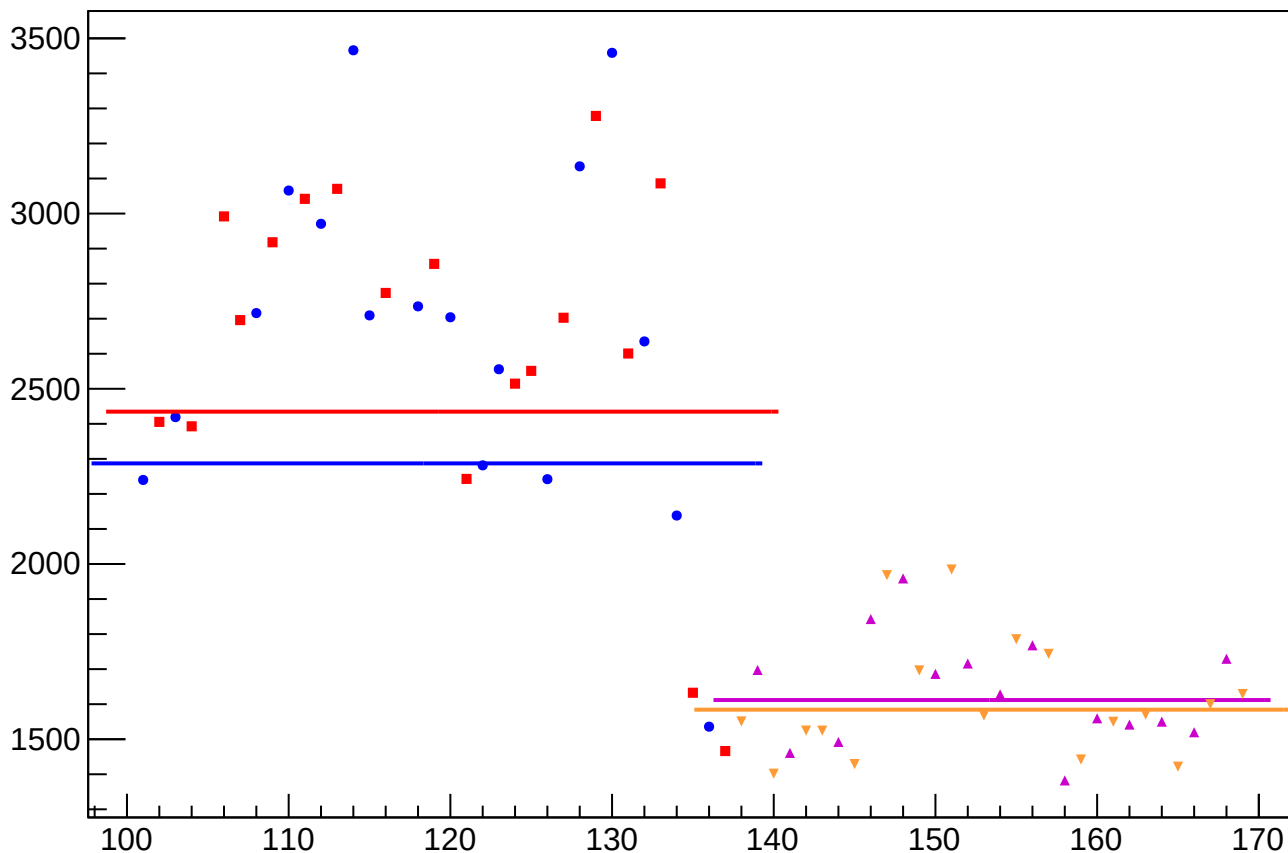
Right: 870.195 $\pm$ 654.628 χ^2/NDF : 33.8/34

In: 652.796 $\pm$ 419.084 χ^2/NDF : 40.2/31

Out: 844.414 $\pm$ 402.259 χ^2/NDF : 40.3/34

All: 752.528 $\pm$ 290.206 χ^2/NDF : 80.6/66

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1584.335+/-0.315 χ^2/NDF : 247189.6/16

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1611.842+/-0.334 χ^2/NDF : 194765.8/14

Left: 1597.288+/-0.229 χ^2/NDF : 445552.4/31

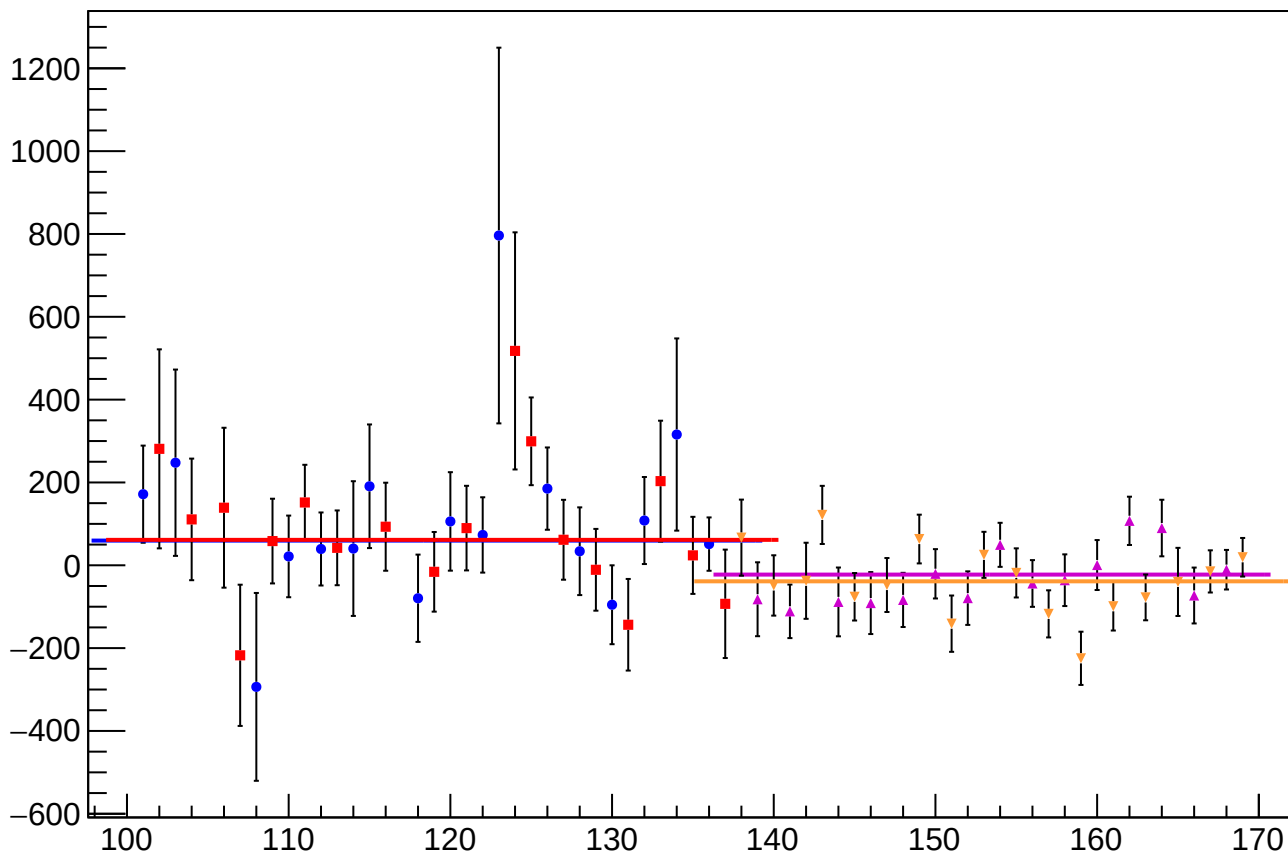
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1754.327+/-0.296 χ^2/NDF : 1858619.4/31

Out: 1740.126+/-0.284 χ^2/NDF : 2251746.9/34

All: 1746.936+/-0.205 χ^2/NDF : 4111561.6/66

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -38.723 ± 14.999 $\chi^2/\text{NDF}: 27.3/16$

Right Out: 61.399 ± 27.011 $\chi^2/\text{NDF}: 19.7/17$

Left In: -22.463 ± 16.202 $\chi^2/\text{NDF}: 15.9/14$

Left: -31.219 ± 11.007 $\chi^2/\text{NDF}: 43.8/31$

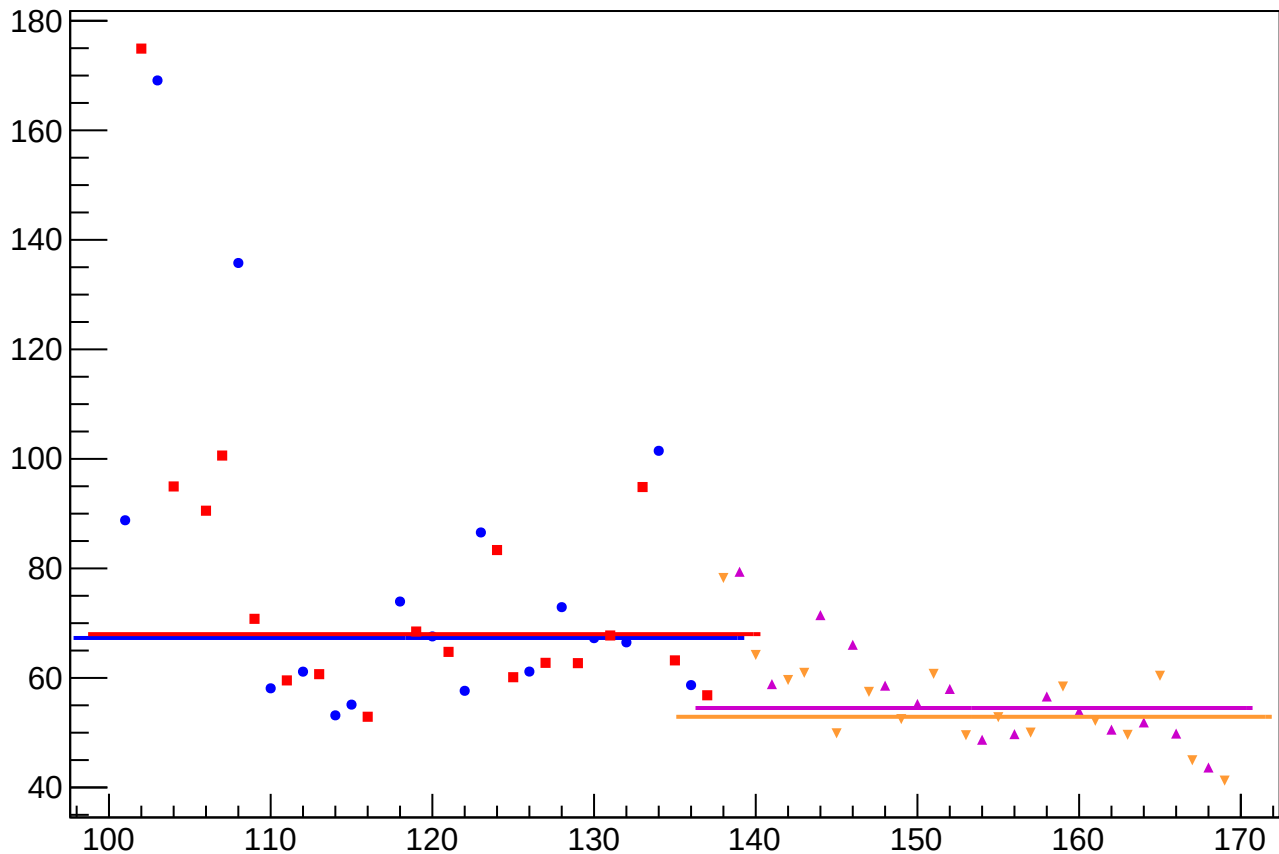
Right: 60.530 ± 19.124 $\chi^2/\text{NDF}: 35.0/34$

In: -0.816 ± 13.903 $\chi^2/\text{NDF}: 38.0/31$

Out: -15.126 ± 13.113 $\chi^2/\text{NDF}: 57.5/34$

All: -8.389 ± 9.539 $\chi^2/\text{NDF}: 96.1/66$

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: 52.904 $\pm$ 0.011 χ^2 /NDF: 504367.0/16

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 54.509 $\pm$ 0.011 χ^2 /NDF: 475252.1/14

Left: 53.645 $\pm$ 0.008 χ^2 /NDF: 990196.6/31

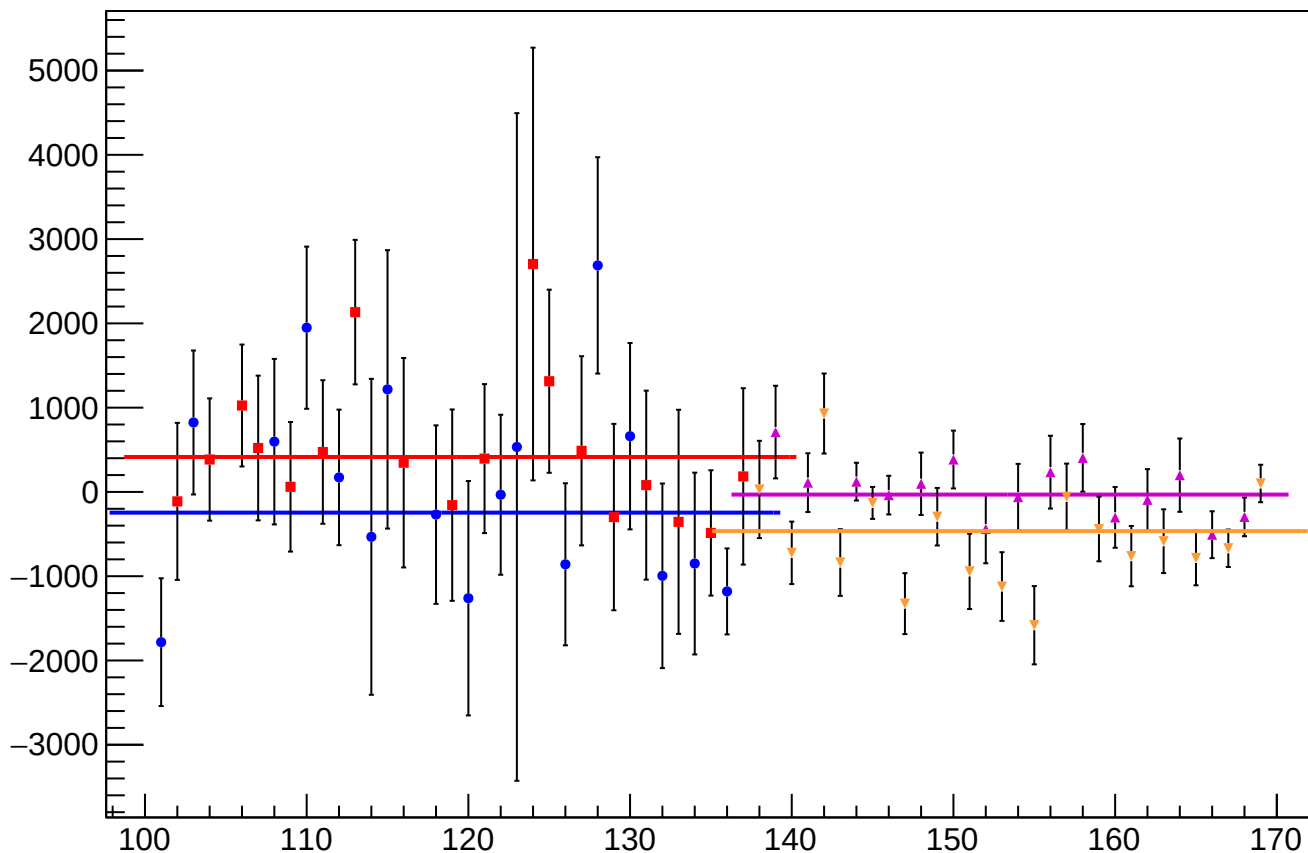
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 57.880 $\pm$ 0.010 χ^2 /NDF: 1645019.1/31

Out: 56.461 $\pm$ 0.009 χ^2 /NDF: 1736080.7/34

All: 57.129 $\pm$ 0.007 χ^2 /NDF: 3392126.7/66

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -465.094 $\pm$ 79.371 χ^2 /NDF:39.4/16

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: -31.546 $\pm$ 83.696 χ^2 /NDF:11.7/14

Left: -259.811 $\pm$ 57.592 χ^2 /NDF: 65.3/31

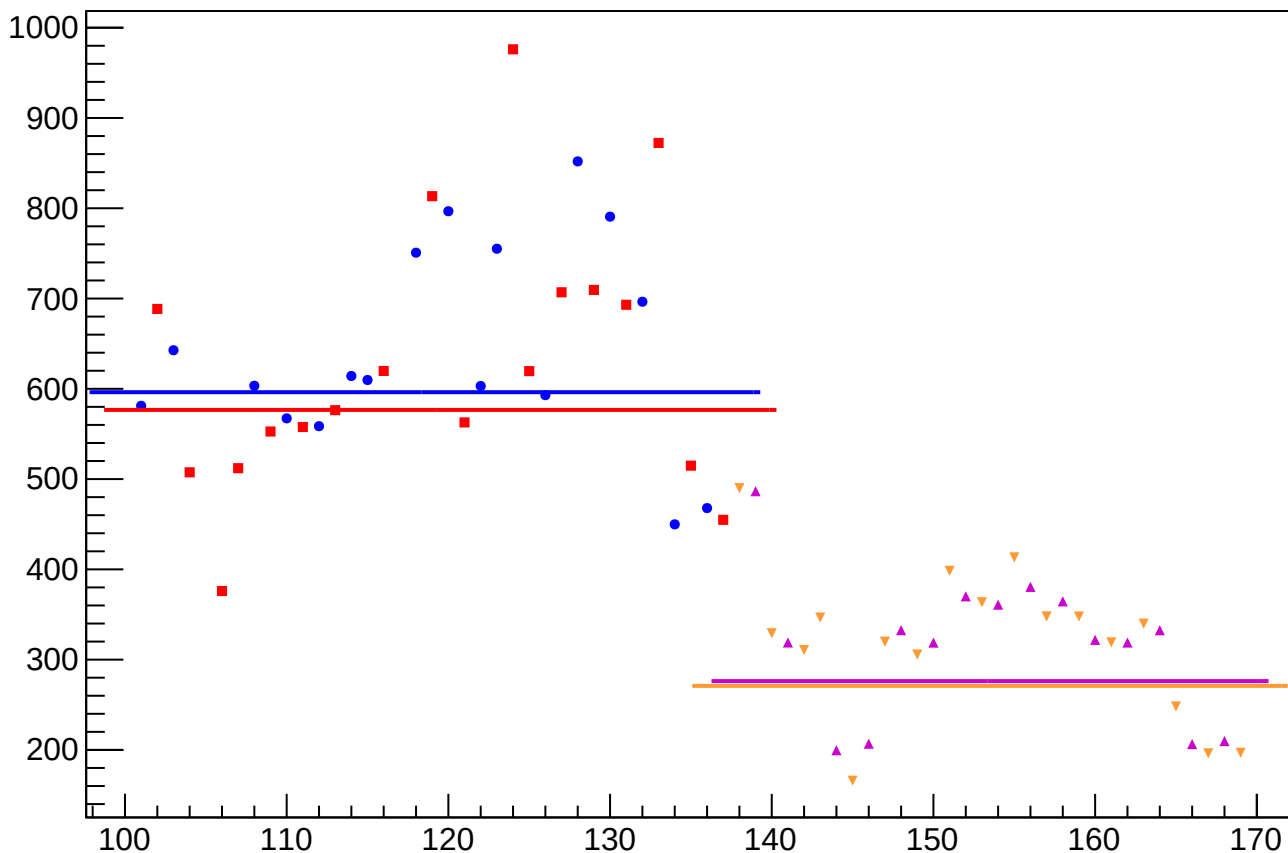
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: -55.572 $\pm$ 78.860 χ^2 /NDF:36.2/31

Out: -366.002 $\pm$ 74.768 χ^2 /NDF:62.6/34

All: -219.050 $\pm$ 54.258 χ^2 /NDF: 107.0/66

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 270.937+/-0.056 χ^2/NDF :2264690.0/16

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 276.231+/-0.059 χ^2/NDF :1616531.2/14

Left: 273.444+/-0.041 χ^2/NDF : 3885434.6/31

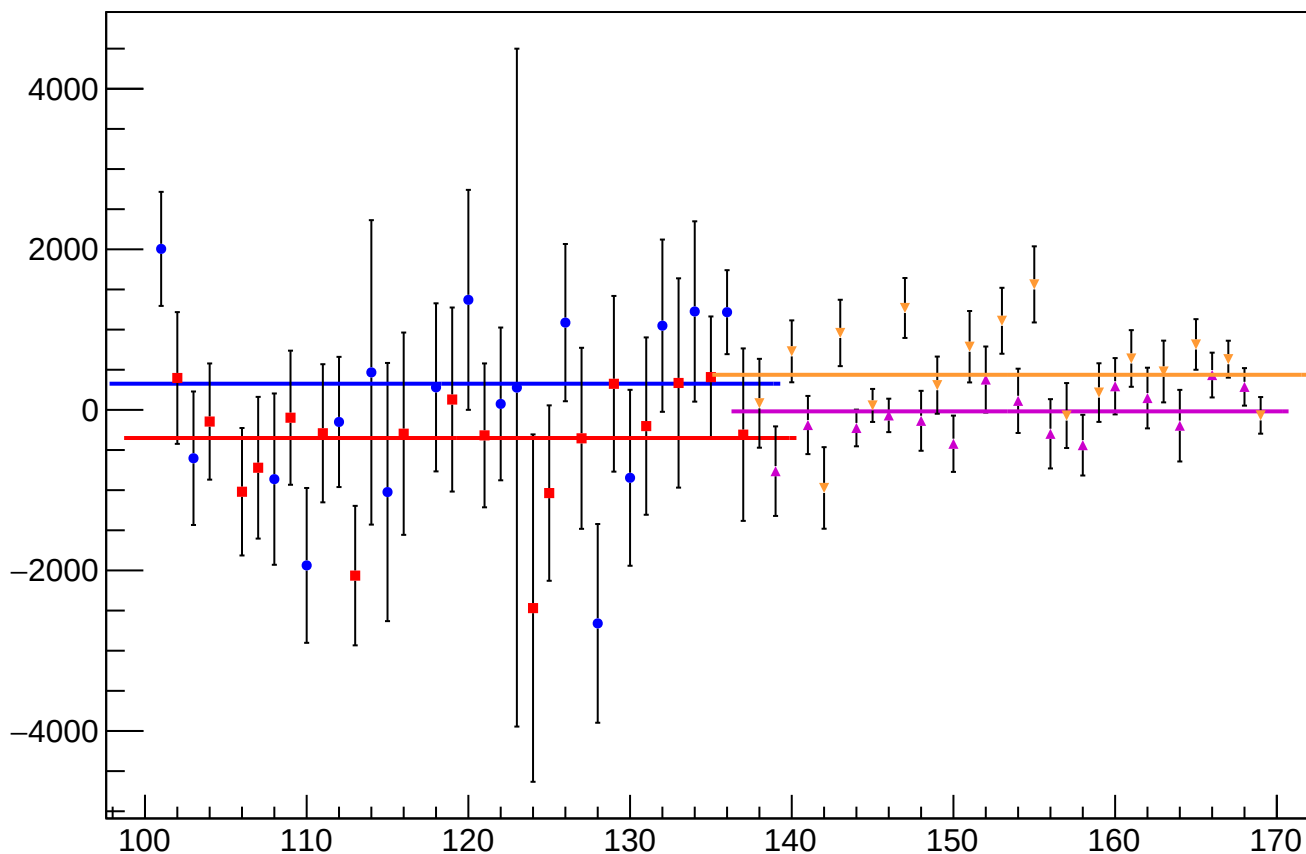
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 312.144+/-0.056 χ^2/NDF :5319977.2/31

Out: 305.364+/-0.053 χ^2/NDF :6179363.2/34

All: 308.574+/-0.038 χ^2/NDF : 11507125.5/66

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 437.110 $\pm$ 81.531 χ^2/NDF :37.1/16

Right Out: -350.392 $\pm$ 225.254 χ^2/NDF : 9.0/17

Left In: -18.551 $\pm$ 83.283 χ^2/NDF :12.5/14

Left: 214.124 $\pm$ 58.261 χ^2/NDF : 64.9/31

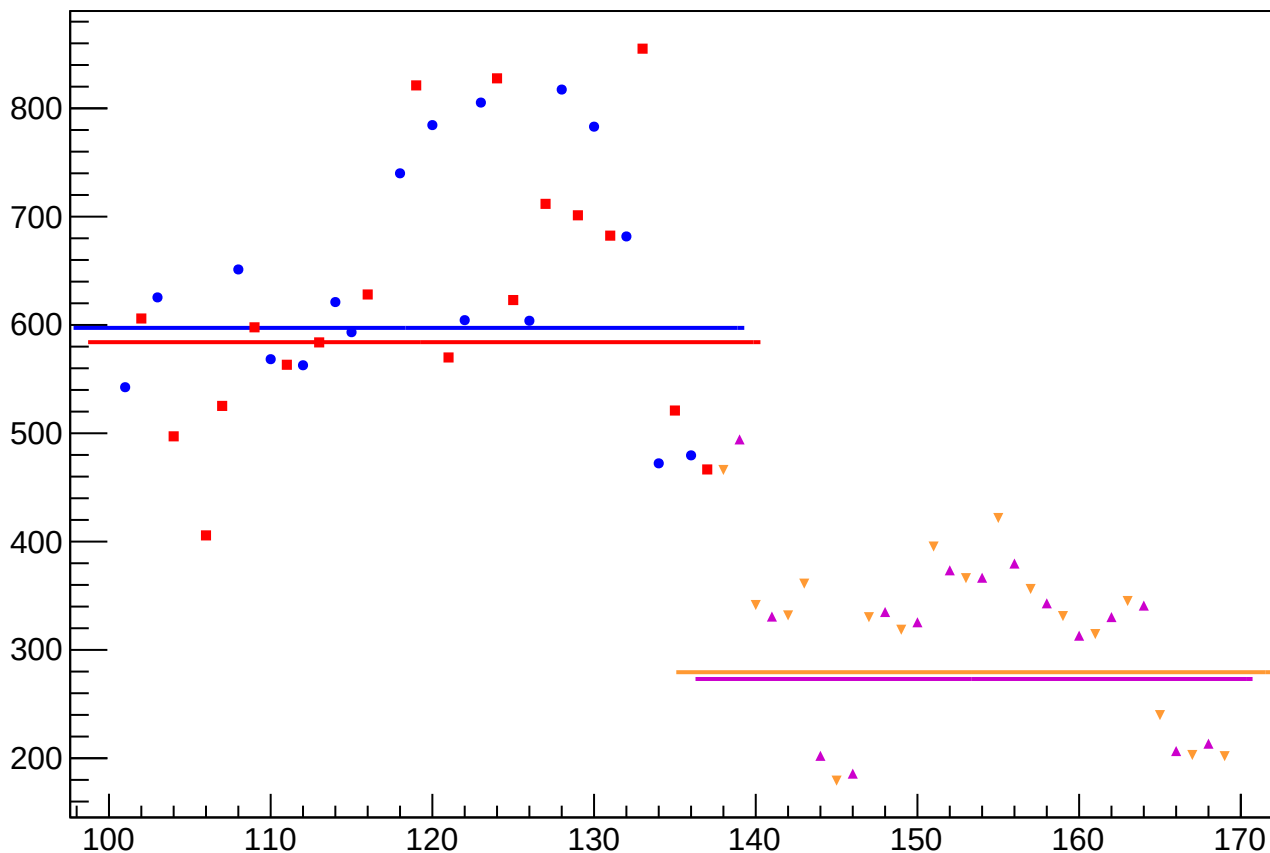
Right: -27.335 $\pm$ 162.813 χ^2/NDF : 40.2/34

In: 19.730 $\pm$ 78.522 χ^2/NDF :41.2/31

Out: 345.891 $\pm$ 76.664 χ^2/NDF :56.9/34

All: 186.715 $\pm$ 54.854 χ^2/NDF : 107.0/66

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 279.414 $\pm$ 0.058 χ^2 /NDF:1993925.8/16

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 273.154 $\pm$ 0.059 χ^2 /NDF:1789930.7/14

Left: 276.351 $\pm$ 0.041 χ^2 /NDF: 3789625.7/31

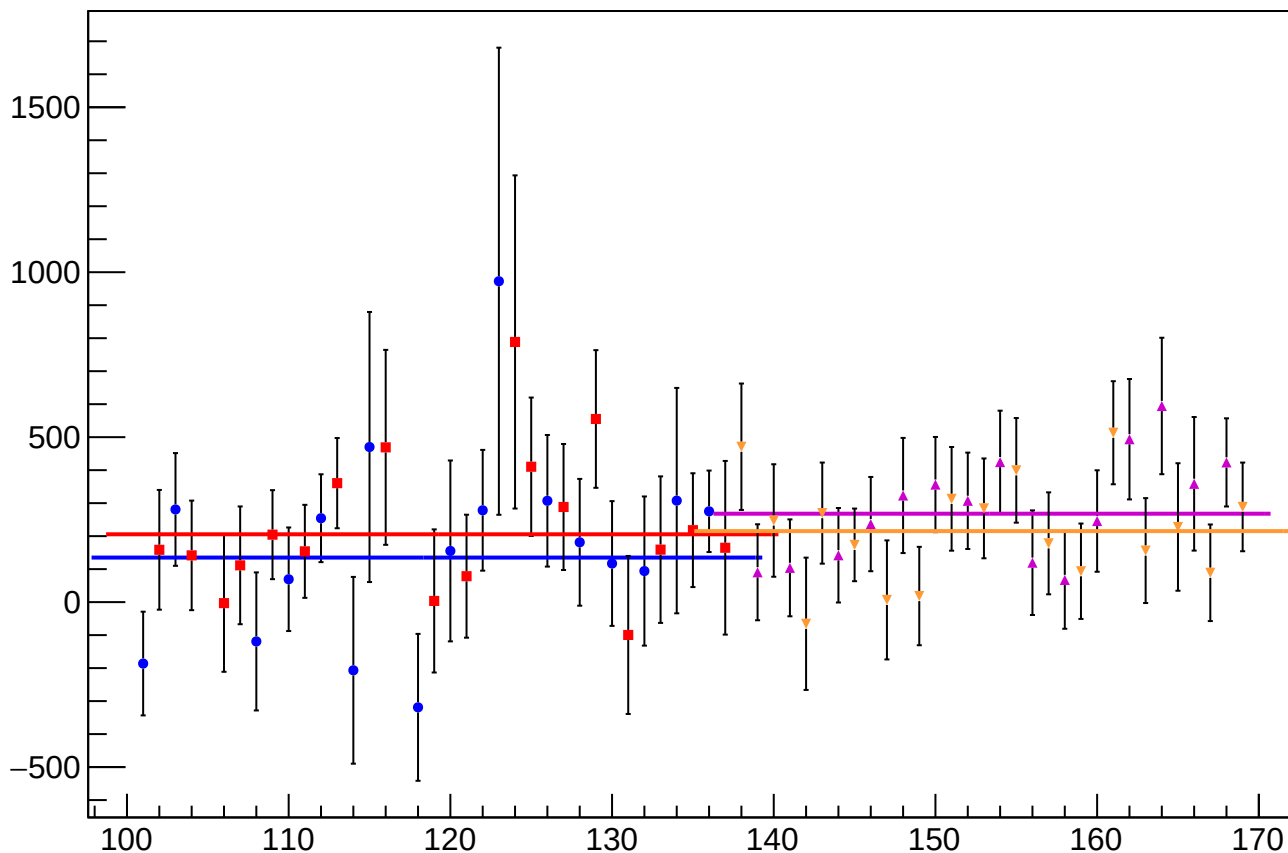
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 309.160 $\pm$ 0.056 χ^2 /NDF:5518860.9/31

Out: 314.708 $\pm$ 0.054 χ^2 /NDF:5676429.5/34

All: 312.000 $\pm$ 0.039 χ^2 /NDF: 11200402.5/66

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2/NDF : 18.1/16

Left Out: 215.268 $\pm$ 37.521 χ^2/NDF :14.7/16

Right Out: 205.590 $\pm$ 44.536 χ^2/NDF : 12.0/17

Left In: 267.997 $\pm$ 40.105 χ^2/NDF :13.4/14

Left: 239.880 $\pm$ 27.399 χ^2/NDF : 29.0/31

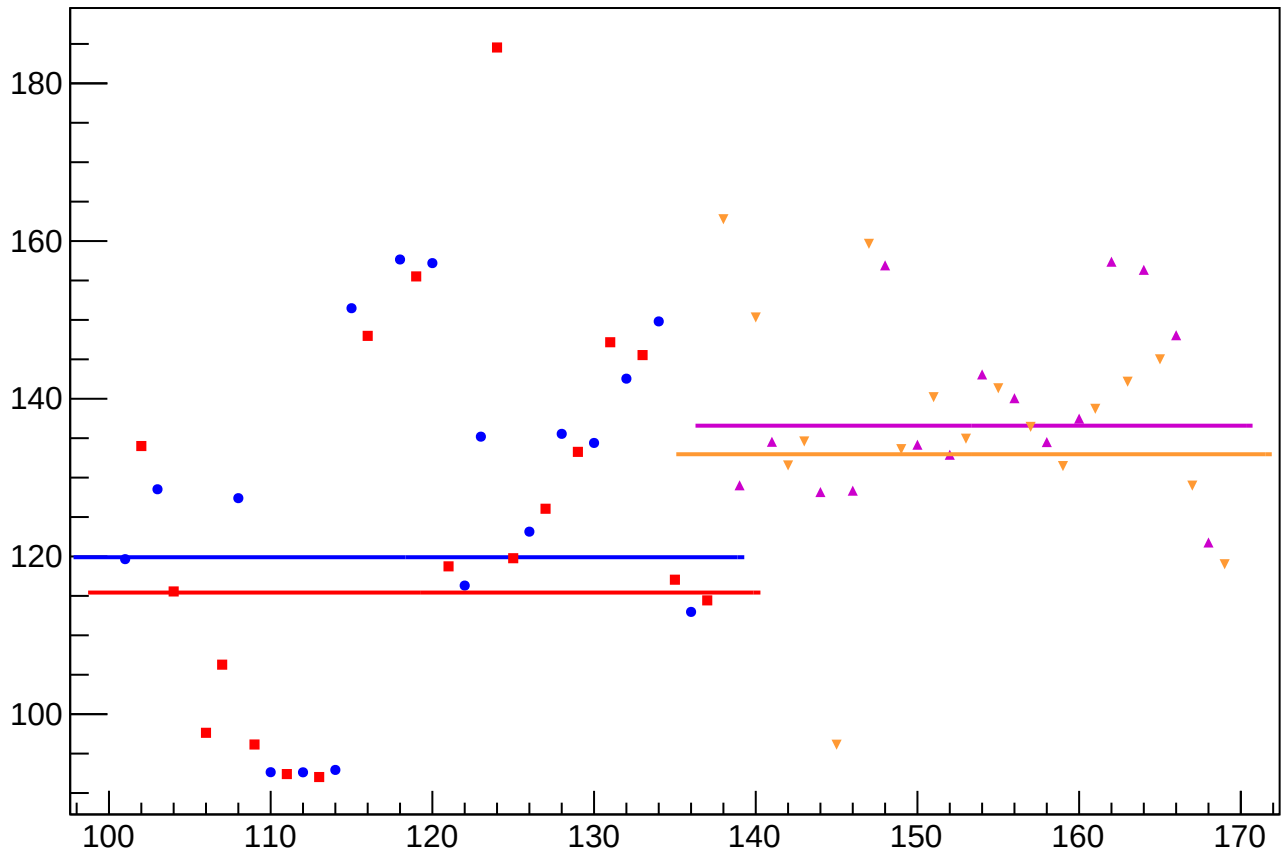
Right: 172.226 $\pm$ 32.336 χ^2/NDF : 31.3/34

In: 212.008 $\pm$ 30.514 χ^2/NDF :36.1/31

Out: 211.251 $\pm$ 28.695 χ^2/NDF :26.7/34

All: 211.606 $\pm$ 20.904 χ^2/NDF : 62.8/66

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 132.964+/-0.027 χ^2/NDF : 388778.8/16

Right Out: 115.422+/-0.031 χ^2/NDF : 418100.5/17

Left In: 136.586+/-0.028 χ^2/NDF : 128489.0/14

Left: 134.655+/-0.019 χ^2/NDF : 525964.7/31

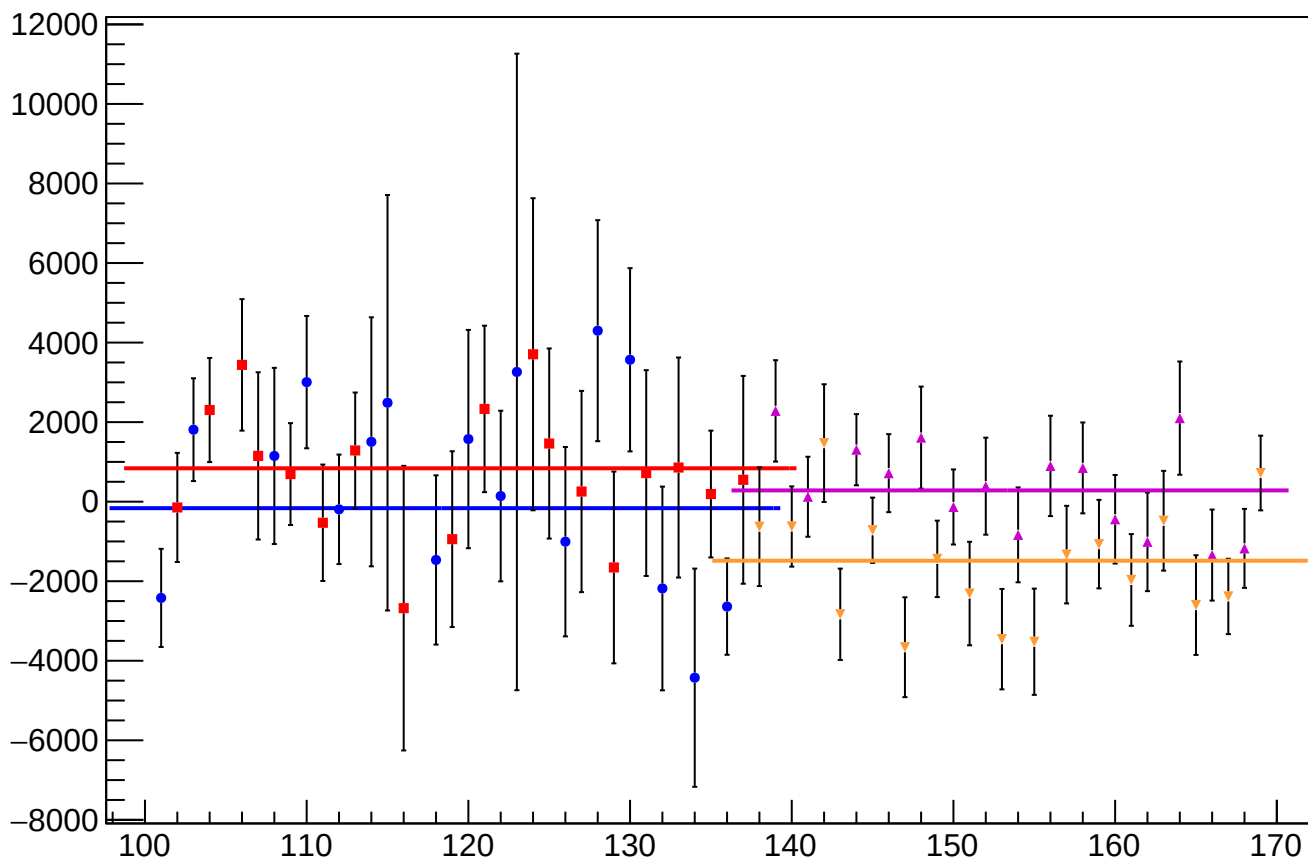
Right: 117.541+/-0.023 χ^2/NDF : 773185.8/34

In: 129.561+/-0.022 χ^2/NDF : 619719.1/31

Out: 125.682+/-0.020 χ^2/NDF : 988362.7/34

All: 127.502+/-0.015 χ^2/NDF : 1625236.4/66

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: -1484.475 $\pm$ 273.457 χ^2 /NDF:23.6/16

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 283.029 $\pm$ 287.253 χ^2 /NDF:13.9/14

Left: -644.185 $\pm$ 198.061 χ^2 /NDF: 57.4/31

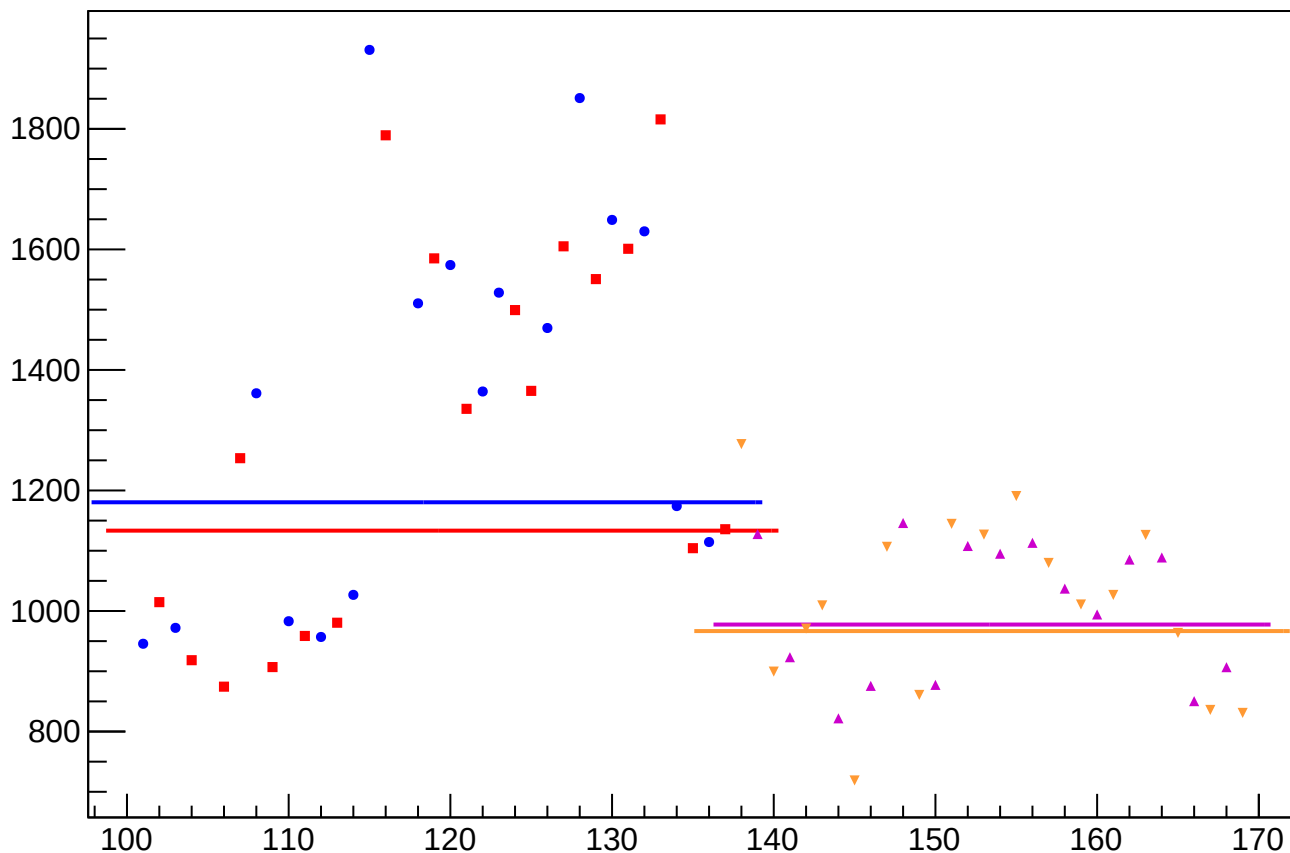
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 161.430 $\pm$ 245.043 χ^2 /NDF:38.3/31

Out: -838.039 $\pm$ 232.326 χ^2 /NDF:53.0/34

All: -364.910 $\pm$ 168.596 χ^2 /NDF: 100.1/66

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 966.686 $\pm$ 0.193 χ^2 /NDF: 593322.8/16

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 977.517 $\pm$ 0.203 χ^2 /NDF: 305993.7/14

Left: 971.835 $\pm$ 0.140 χ^2 /NDF: 900808.1/31

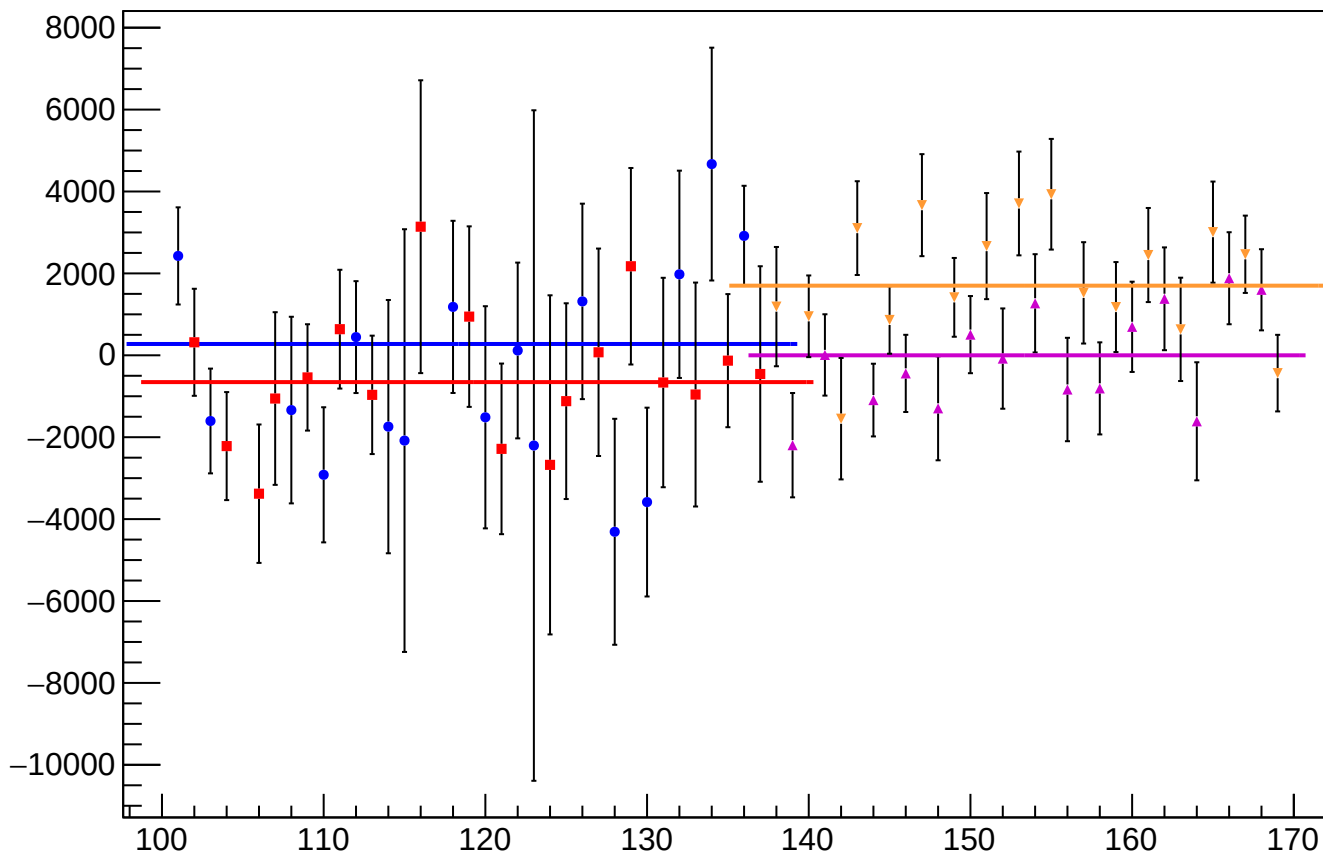
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 1032.762 $\pm$ 0.173 χ^2 /NDF: 1246512.9/31

Out: 1013.051 $\pm$ 0.164 χ^2 /NDF: 1560385.2/34

All: 1022.382 $\pm$ 0.119 χ^2 /NDF: 2813713.3/66

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1700.460 $\pm$ 272.711 χ^2/NDF : 24.8/16

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: -0.354 $\pm$ 285.094 χ^2/NDF : 16.4/14

Left: 887.791 $\pm$ 197.068 χ^2/NDF : 59.8/31

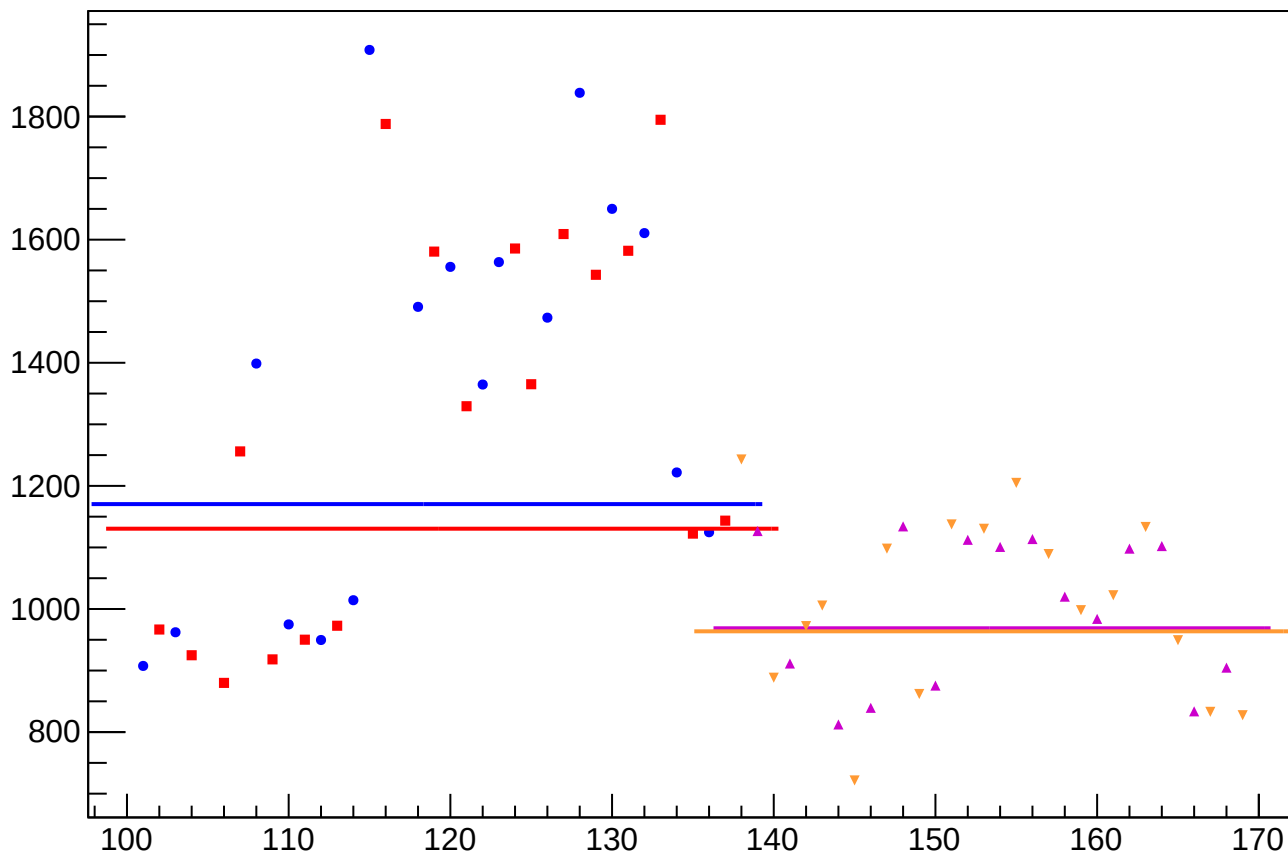
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: 74.926 $\pm$ 243.252 χ^2/NDF : 41.0/31

Out: 1046.524 $\pm$ 231.773 χ^2/NDF : 55.1/34

All: 584.190 $\pm$ 167.800 χ^2/NDF : 104.4/66

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 963.737 $\pm$ 0.193 χ^2 /NDF: 585227.3/16

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 968.654 $\pm$ 0.202 χ^2 /NDF: 348891.4/14

Left: 966.086 $\pm$ 0.139 χ^2 /NDF: 934429.4/31

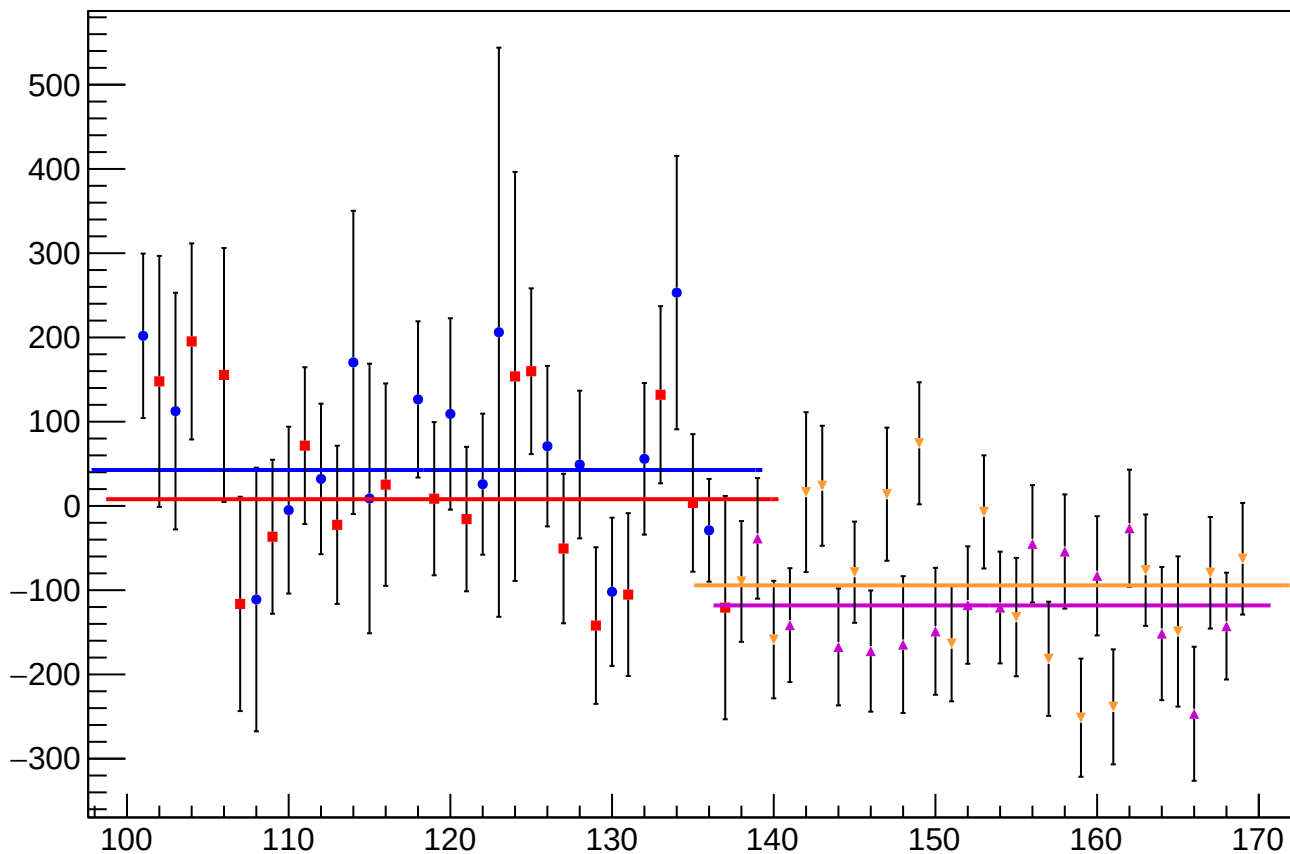
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1023.528 $\pm$ 0.172 χ^2 /NDF: 1326794.4/31

Out: 1010.034 $\pm$ 0.164 χ^2 /NDF: 1555825.4/34

All: 1016.455 $\pm$ 0.119 χ^2 /NDF: 2885845.6/66

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: -94.258 ± 17.101 $\chi^2/\text{NDF}: 27.2/16$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -118.090 ± 18.339 $\chi^2/\text{NDF}: 9.8/14$

Left: -105.342 ± 12.507 $\chi^2/\text{NDF}: 37.9/31$

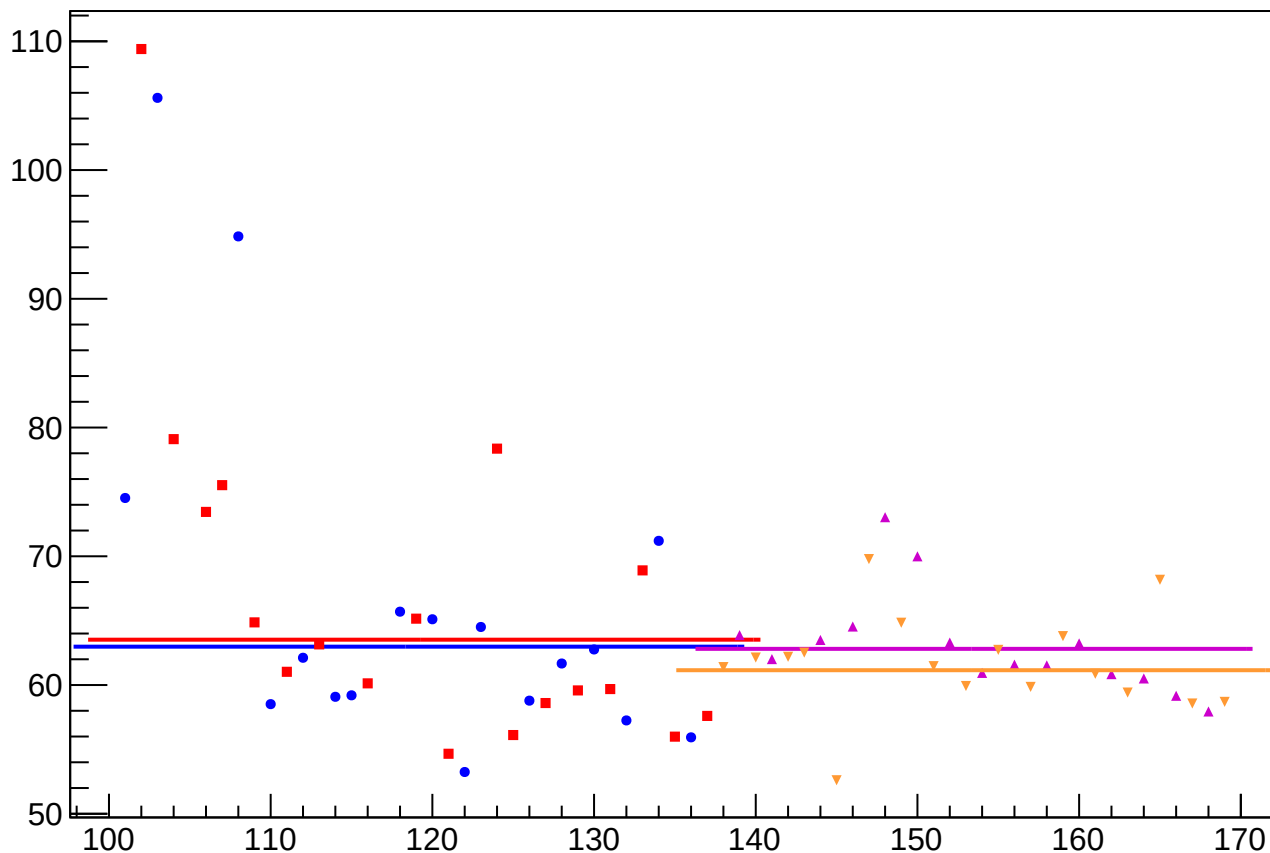
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -60.964 ± 14.724 $\chi^2/\text{NDF}: 49.1/31$

Out: -60.747 ± 14.021 $\chi^2/\text{NDF}: 54.7/34$

All: -60.850 ± 10.154 $\chi^2/\text{NDF}: 103.8/66$

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: 61.151 $\pm$ 0.012 χ^2 /NDF: 95896.5/16

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 62.810 $\pm$ 0.013 χ^2 /NDF: 74359.4/14

Left: 61.922 $\pm$ 0.009 χ^2 /NDF: 179010.8/31

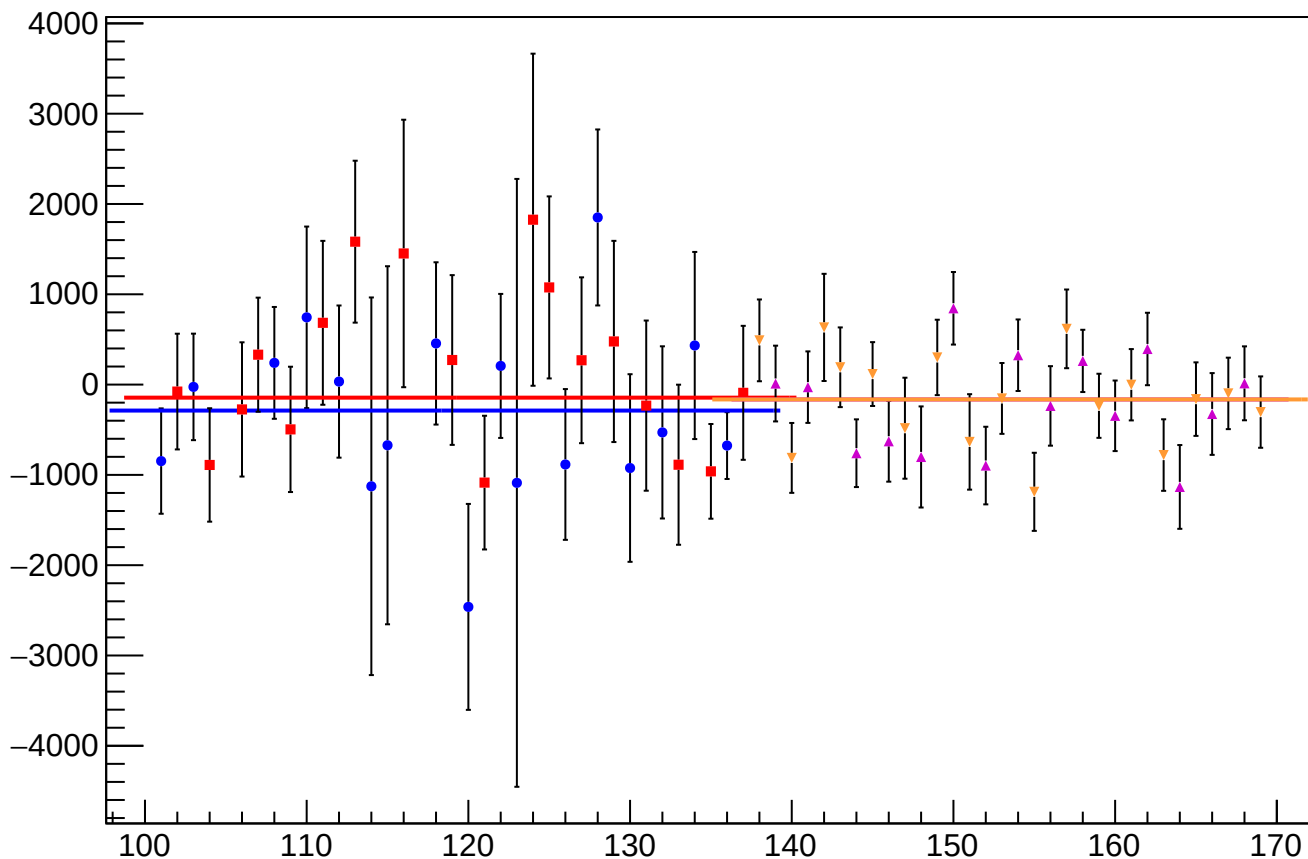
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 62.870 $\pm$ 0.010 χ^2 /NDF: 449684.1/31

Out: 61.928 $\pm$ 0.010 χ^2 /NDF: 443933.2/34

All: 62.376 $\pm$ 0.007 χ^2 /NDF: 897913.6/66

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: -164.435 $\pm$ 101.692 χ^2 /NDF:21.9/16

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -164.747 $\pm$ 107.096 χ^2 /NDF:24.3/14

Left: -164.583 $\pm$ 73.744 χ^2 /NDF: 46.3/31

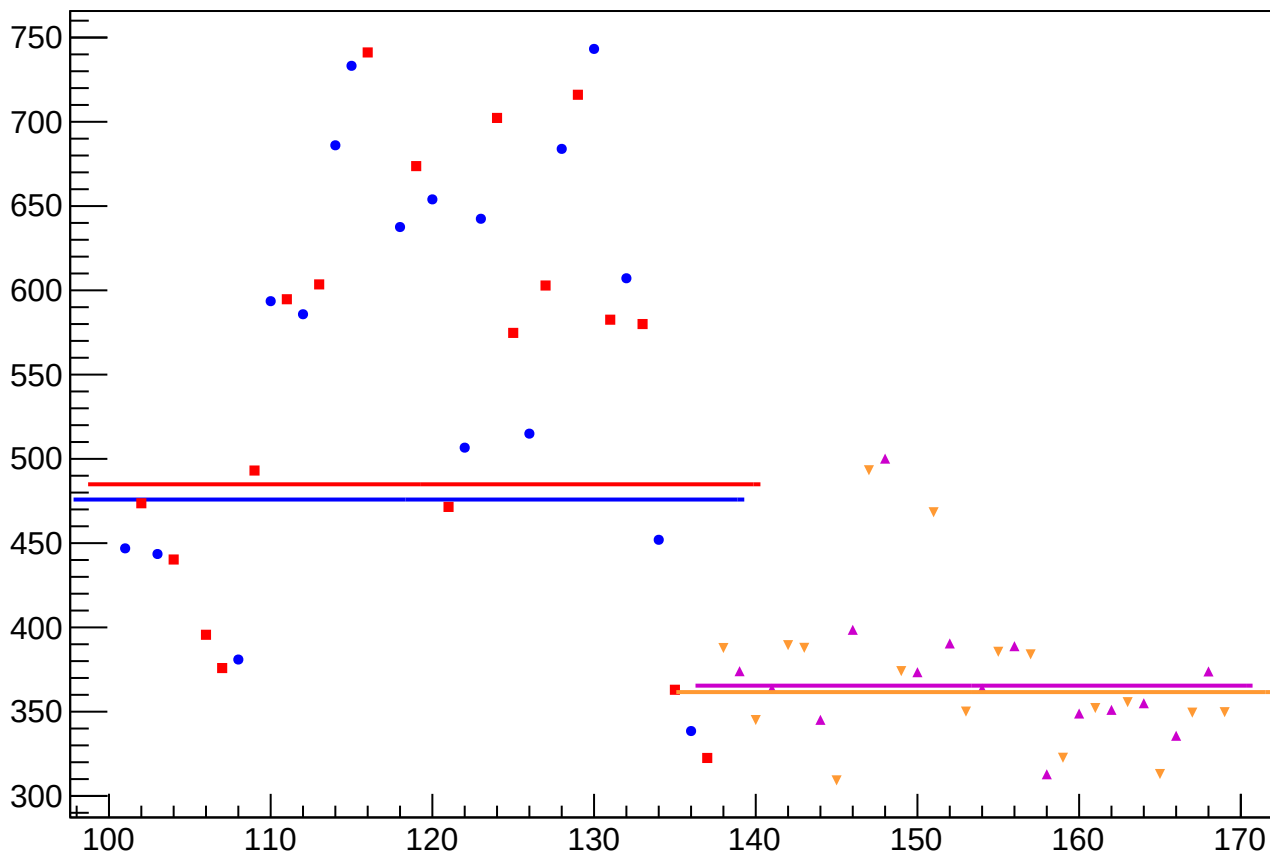
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -194.415 $\pm$ 93.283 χ^2 /NDF:40.0/31

Out: -159.942 $\pm$ 89.421 χ^2 /NDF:38.0/34

All: -176.450 $\pm$ 64.552 χ^2 /NDF: 78.1/66

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: 361.623+/-0.072 χ^2/NDF : 330864.9/16

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 365.444+/-0.076 χ^2/NDF : 209998.9/14

Left: 363.434+/-0.052 χ^2/NDF : 542202.6/31

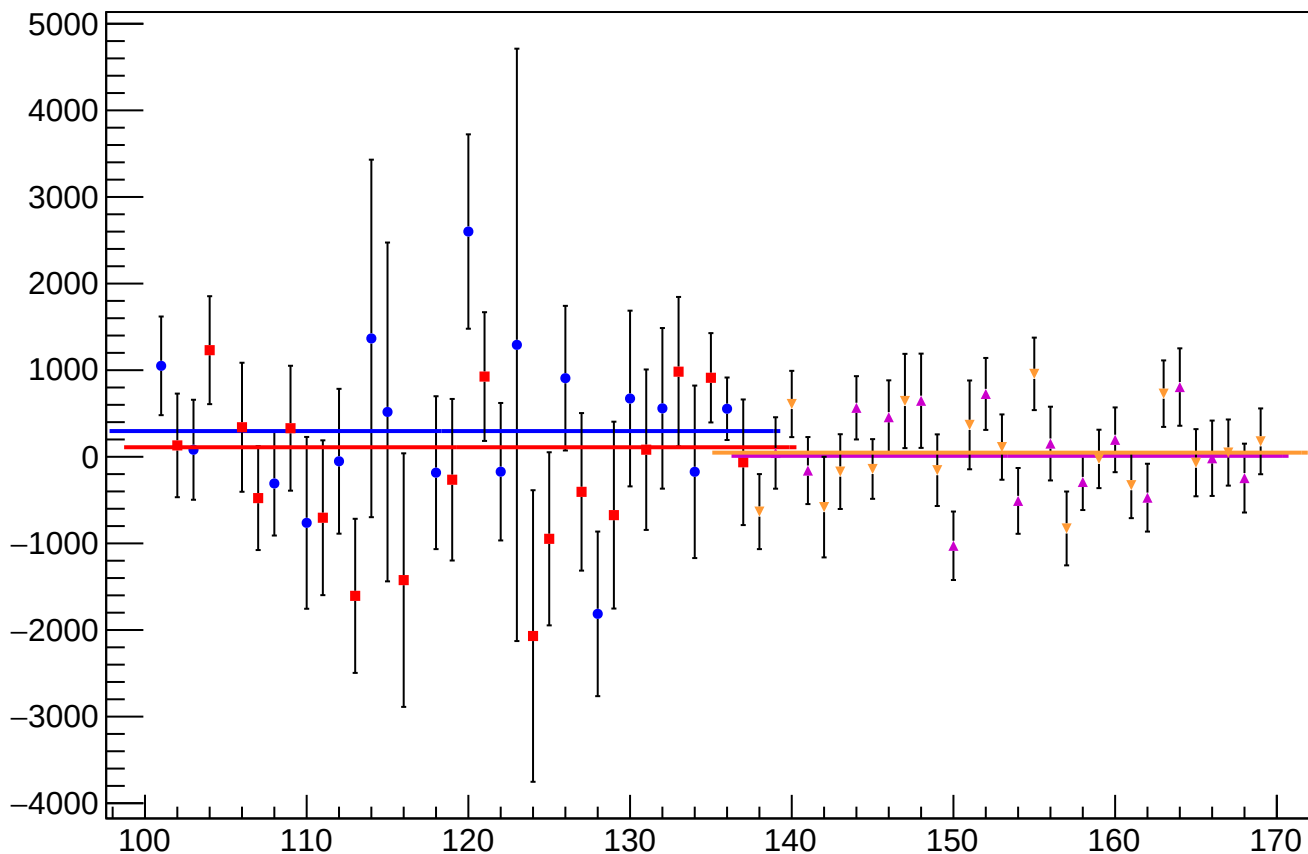
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 392.093+/-0.066 χ^2/NDF : 1560953.9/31

Out: 389.582+/-0.063 χ^2/NDF : 1713858.0/34

All: 390.784+/-0.046 χ^2/NDF : 3275566.9/66

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: 47.856 $\pm$ 98.491 χ^2 /NDF:21.5/16

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 11.070 $\pm$ 103.479 χ^2 /NDF:23.0/14

Left: 30.371 $\pm$ 71.342 χ^2 /NDF: 44.6/31

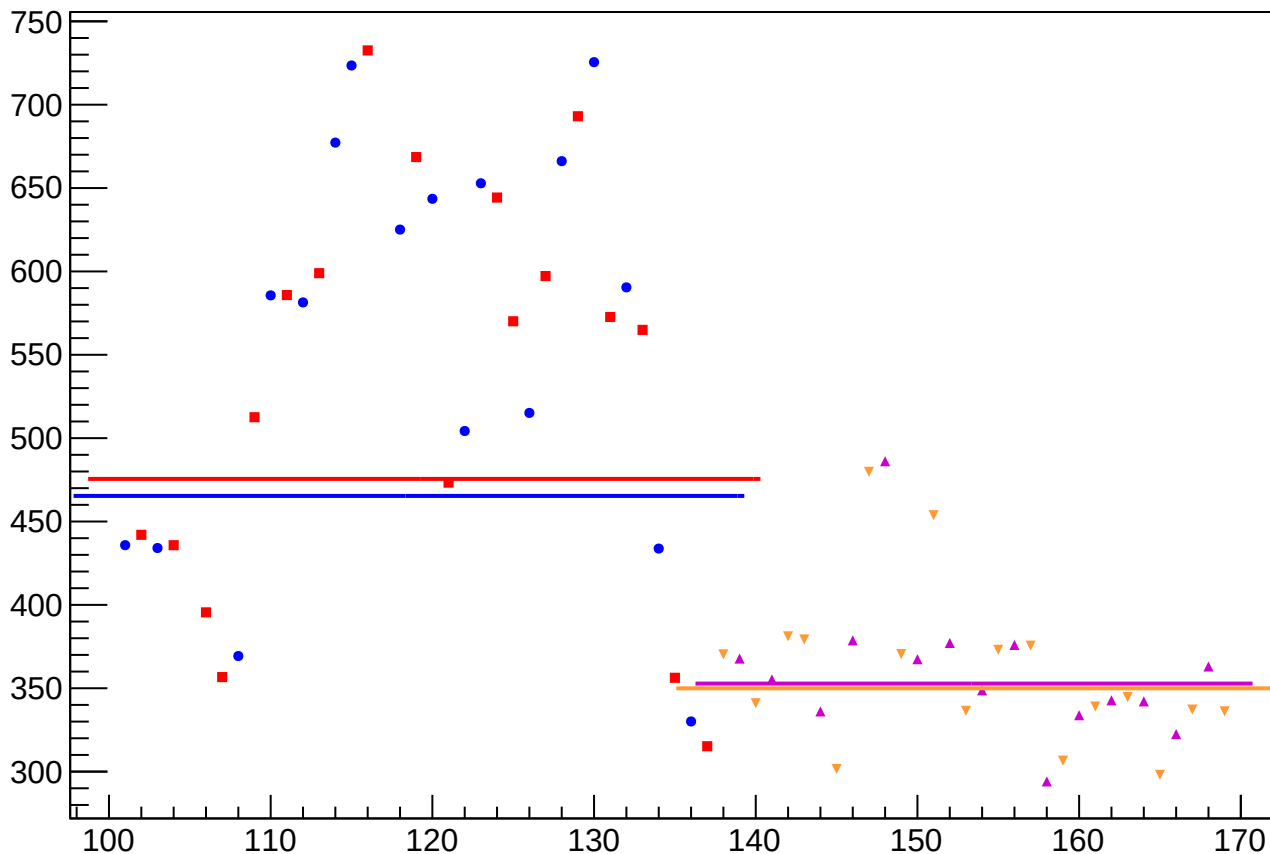
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 78.661 $\pm$ 90.424 χ^2 /NDF:40.7/31

Out: 61.680 $\pm$ 86.875 χ^2 /NDF:40.2/34

All: 69.831 $\pm$ 62.647 χ^2 /NDF: 80.9/66

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: 349.956 $\pm$ 0.070 χ^2 /NDF: 352359.5/16

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 352.799 $\pm$ 0.073 χ^2 /NDF: 234408.7/14

Left: 351.307 $\pm$ 0.050 χ^2 /NDF: 587559.8/31

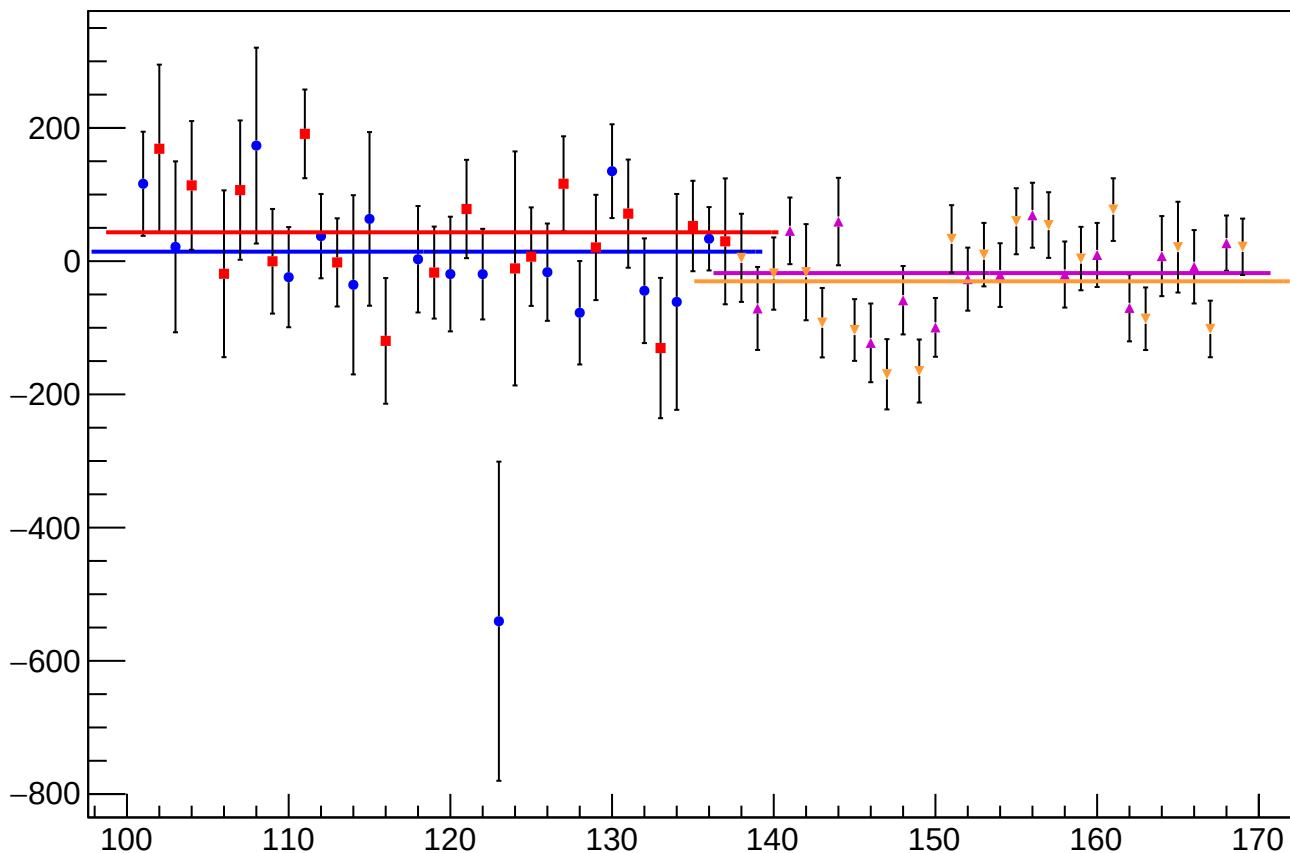
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 379.408 $\pm$ 0.064 χ^2 /NDF: 1654236.6/31

Out: 377.835 $\pm$ 0.061 χ^2 /NDF: 1815163.6/34

All: 378.590 $\pm$ 0.044 χ^2 /NDF: 3469714.8/66

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -30.245 ± 12.194 $\chi^2/\text{NDF}: 40.0/16$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -17.897 ± 13.137 $\chi^2/\text{NDF}: 16.9/14$

Left: -24.530 ± 8.937 $\chi^2/\text{NDF}: 57.4/31$

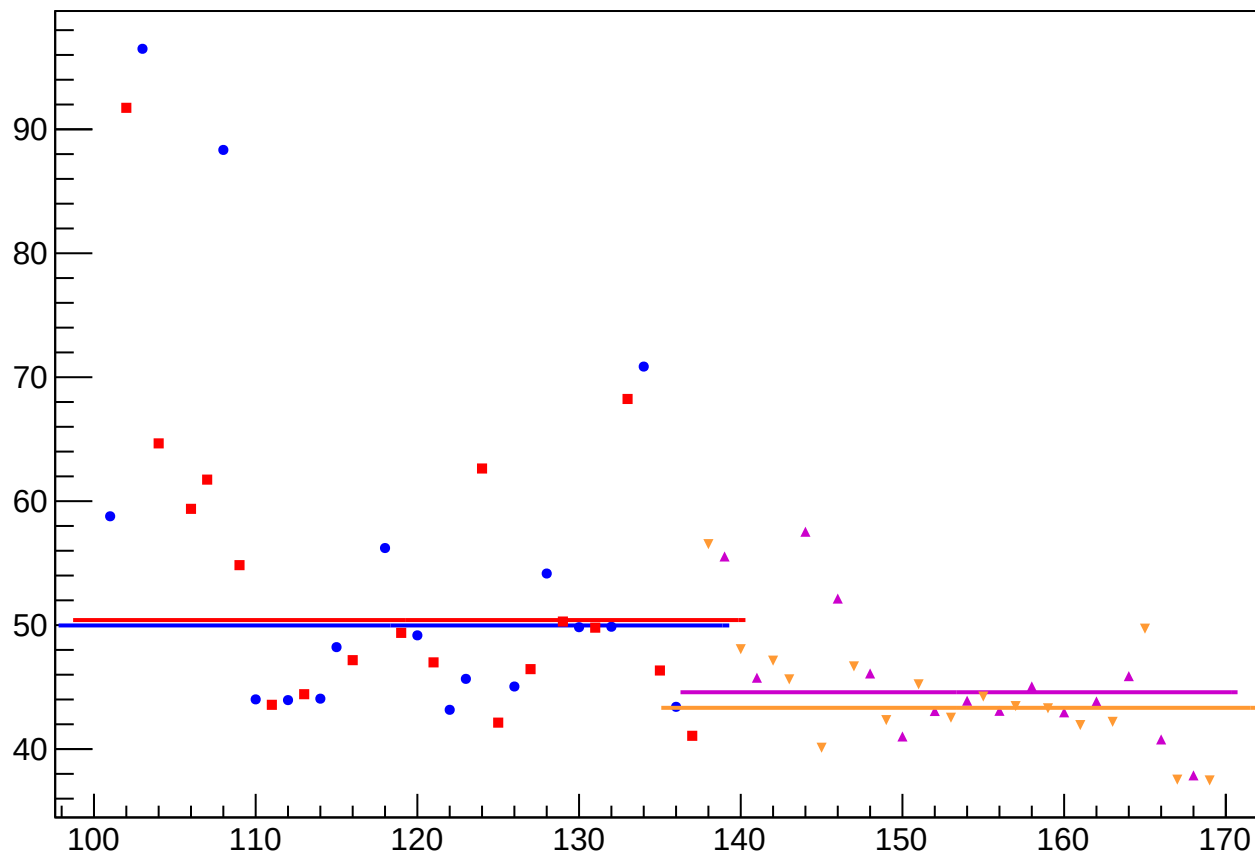
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -8.116 ± 10.958 $\chi^2/\text{NDF}: 33.5/31$

Out: -9.787 ± 10.361 $\chi^2/\text{NDF}: 66.3/34$

All: -8.998 ± 7.529 $\chi^2/\text{NDF}: 99.8/66$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 43.328 $\pm$ 0.009 χ^2/NDF : 223001.4/16

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 44.585 $\pm$ 0.009 χ^2/NDF : 258283.3/14

Left: 43.910 $\pm$ 0.006 χ^2/NDF : 491118.3/31

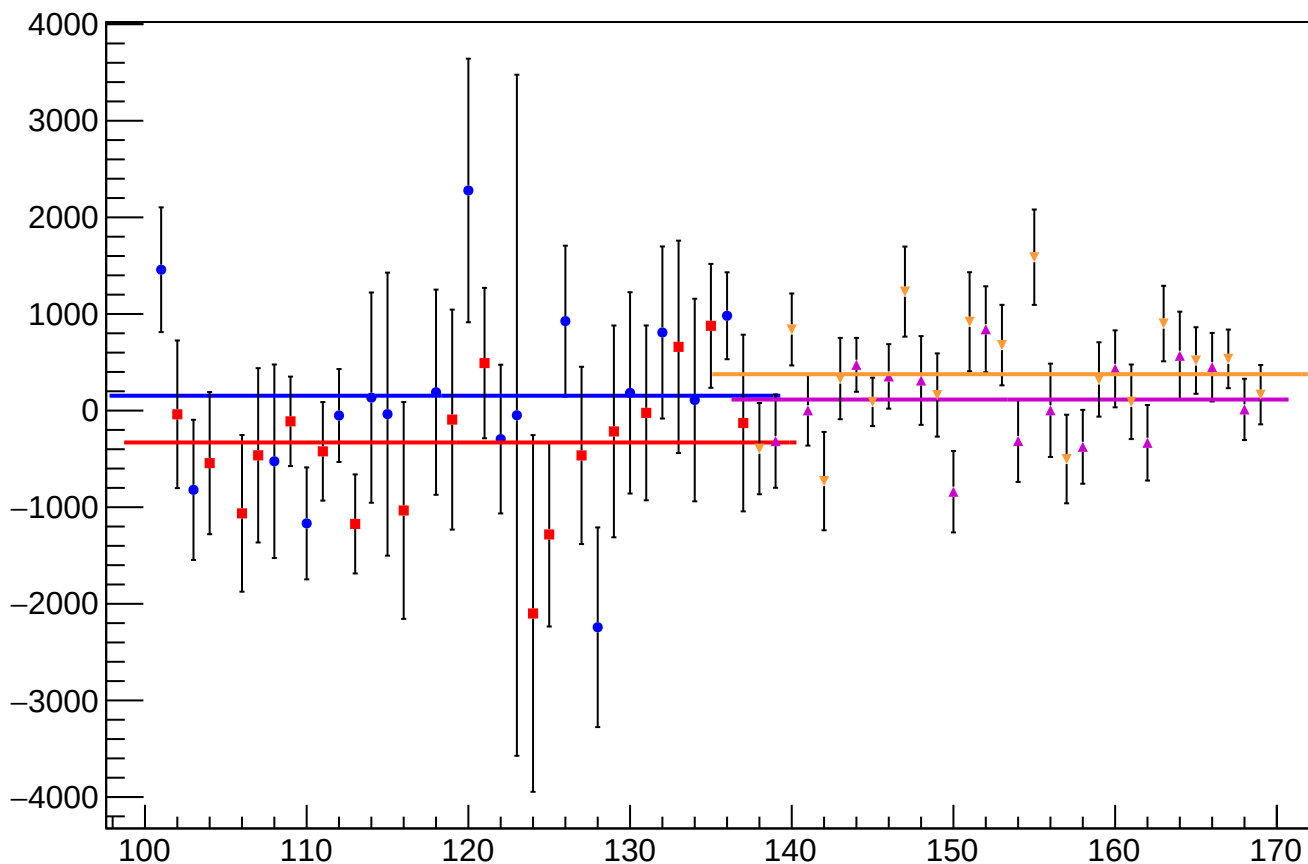
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 46.224 $\pm$ 0.008 χ^2/NDF : 939391.3/31

Out: 45.297 $\pm$ 0.007 χ^2/NDF : 877926.6/34

All: 45.734 $\pm$ 0.005 χ^2/NDF : 1824884.7/66

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: 376.603 $\pm$ 93.076 χ^2 /NDF:28.5/16

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 114.349 $\pm$ 99.341 χ^2 /NDF:17.7/14

Left: 254.006 $\pm$ 67.922 χ^2 /NDF: 49.9/31

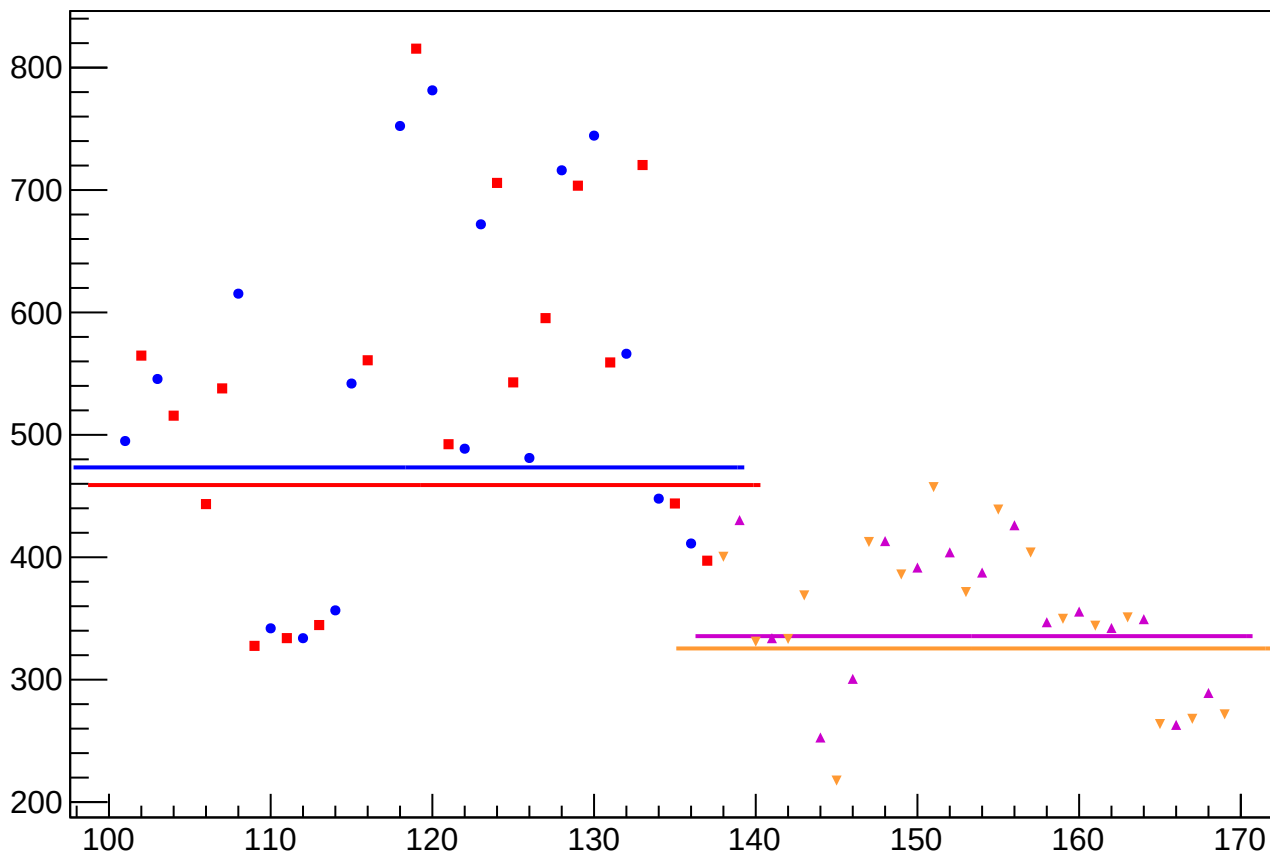
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 122.830 $\pm$ 88.031 χ^2 /NDF:42.5/31

Out: 227.271 $\pm$ 82.657 χ^2 /NDF:52.7/34

All: 178.335 $\pm$ 60.258 χ^2 /NDF: 96.0/66

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: 325.505+/-0.066 χ^2/NDF : 1091924.2/16

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 335.567+/-0.070 χ^2/NDF : 651326.5/14

Left: 330.209+/-0.048 χ^2/NDF : 1754177.0/31

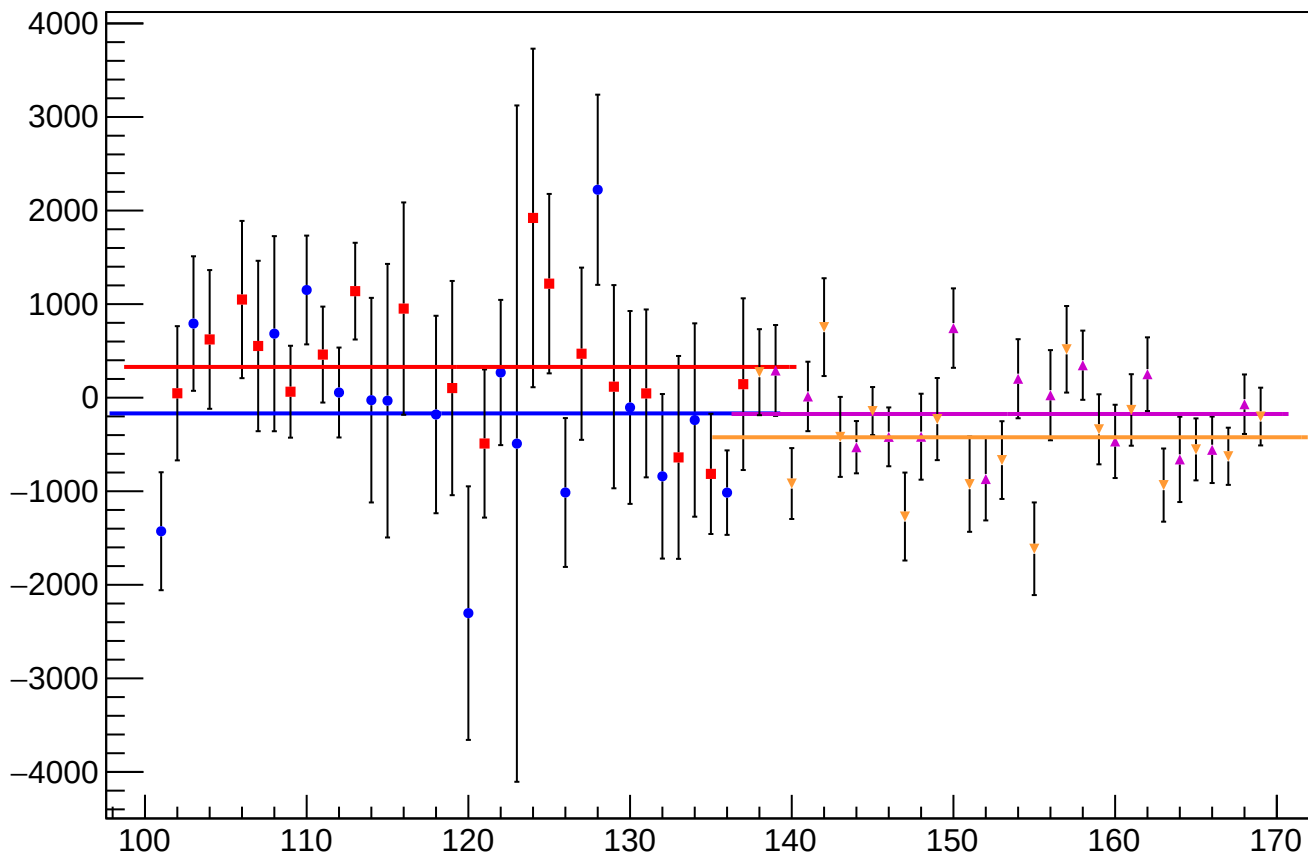
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 365.168+/-0.062 χ^2/NDF : 2393143.7/31

Out: 353.717+/-0.058 χ^2/NDF : 2967568.6/34

All: 359.082+/-0.043 χ^2/NDF : 5378696.6/66

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: -423.015 ± 93.274 $\chi^2/\text{NDF}: 28.4/16$

Right Out: 328.598 ± 181.559 $\chi^2/\text{NDF}: 11.1/17$

Left In: -174.300 ± 98.713 $\chi^2/\text{NDF}: 17.9/14$

Left: -305.699 ± 67.796 $\chi^2/\text{NDF}: 49.6/31$

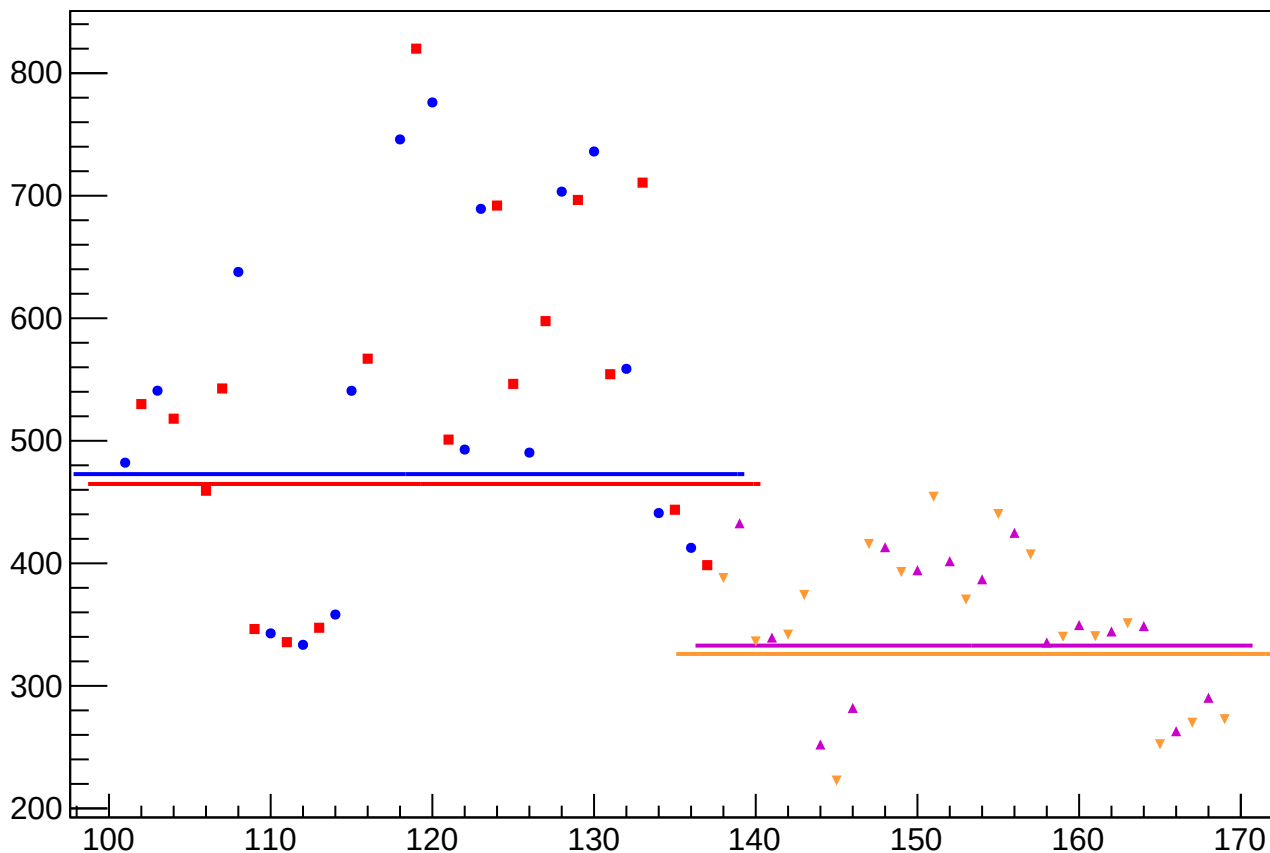
Right: 91.236 ± 131.185 $\chi^2/\text{NDF}: 40.1/34$

In: -172.969 ± 87.573 $\chi^2/\text{NDF}: 43.3/31$

Out: -266.068 ± 82.966 $\chi^2/\text{NDF}: 53.1/34$

All: -222.032 ± 60.228 $\chi^2/\text{NDF}: 97.0/66$

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: 326.044 $\pm$ 0.066 χ^2/NDF :1065563.9/16

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 332.868 $\pm$ 0.070 χ^2/NDF :682764.0/14

Left: 329.263 $\pm$ 0.048 χ^2/NDF : 1753376.8/31

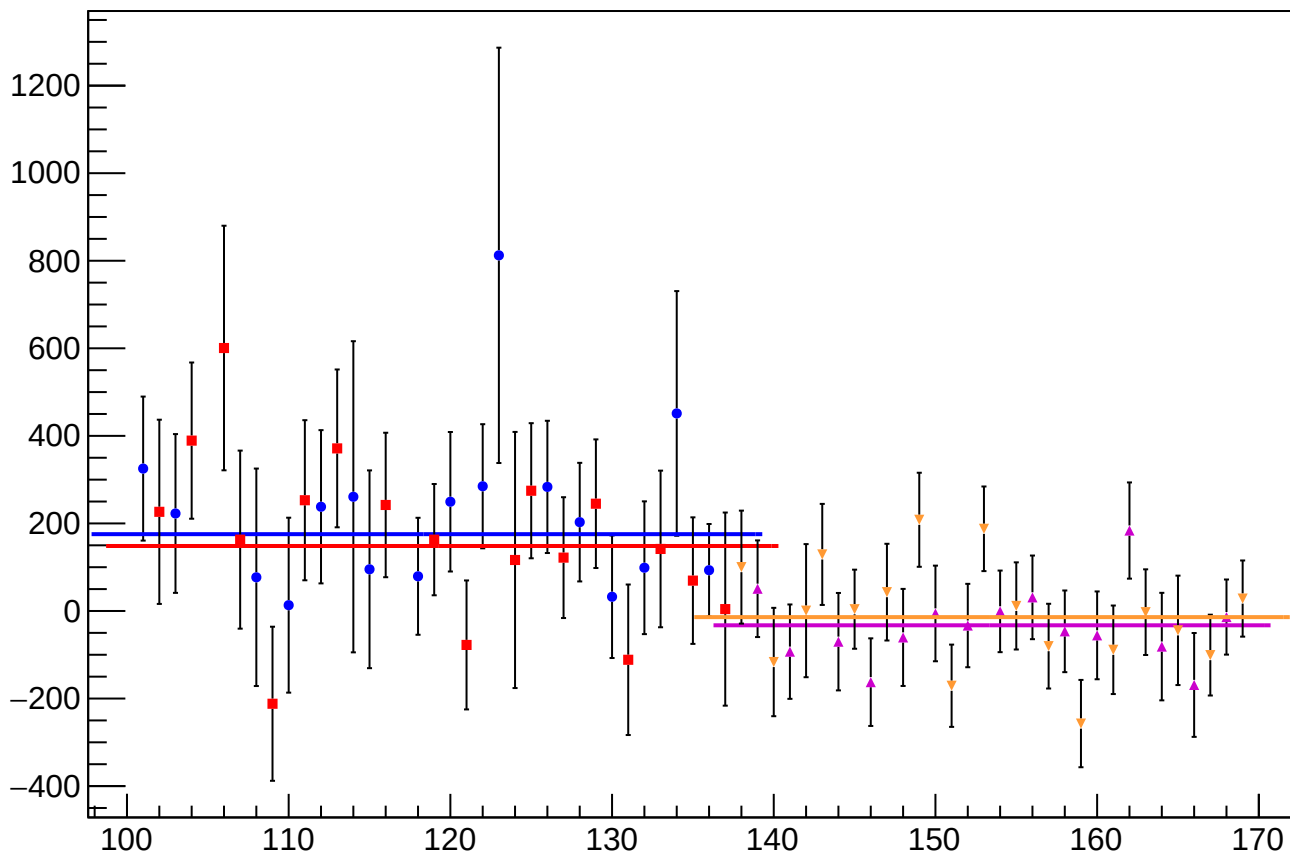
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 362.675 $\pm$ 0.062 χ^2/NDF :2435334.2/31

Out: 355.010 $\pm$ 0.059 χ^2/NDF :2904039.9/34

All: 358.635 $\pm$ 0.043 χ^2/NDF : 5347448.0/66

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: -14.029 ± 25.162 $\chi^2/\text{NDF}: 23.0/16$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -32.699 ± 26.544 $\chi^2/\text{NDF}: 8.8/14$

Left: -22.865 ± 18.261 $\chi^2/\text{NDF}: 32.1/31$

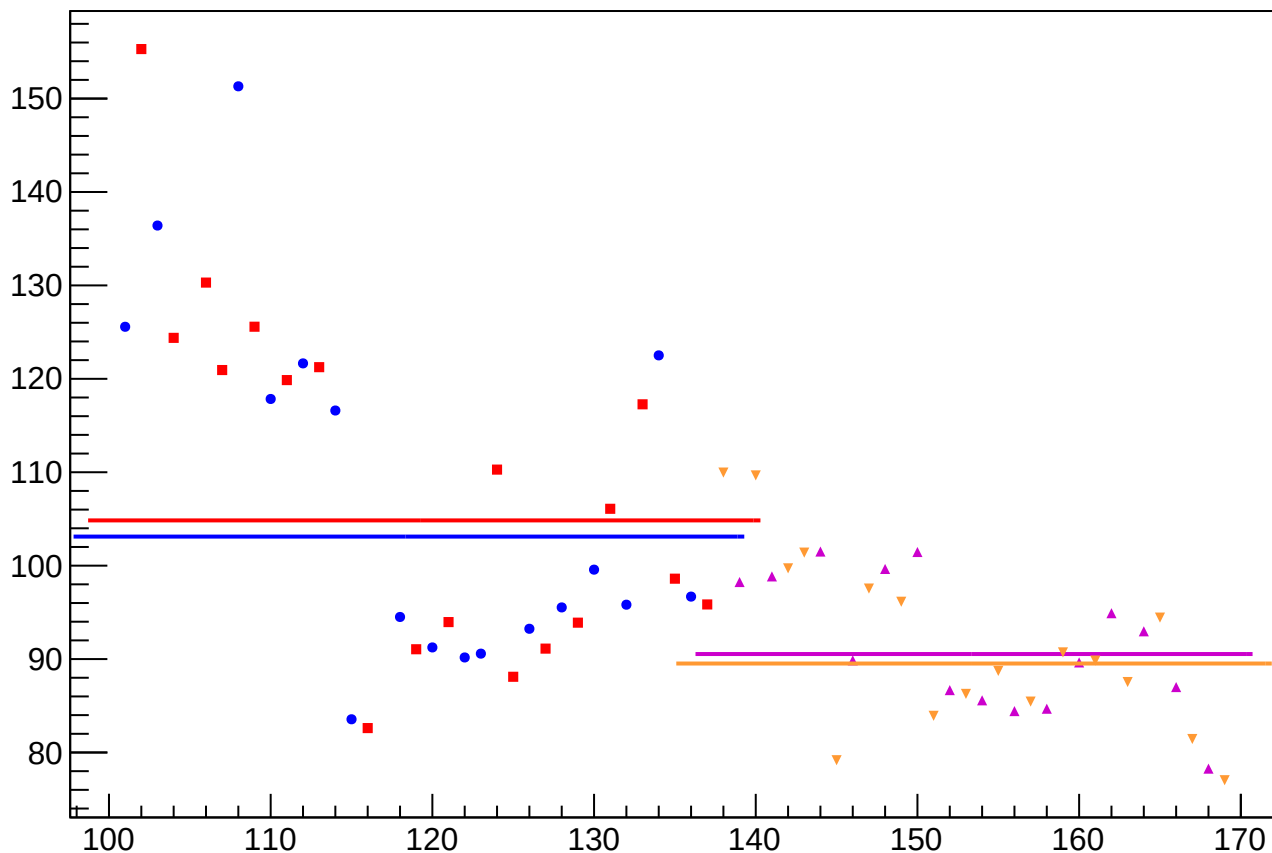
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 30.158 ± 22.177 $\chi^2/\text{NDF}: 36.0/31$

Out: 31.493 ± 21.348 $\chi^2/\text{NDF}: 52.1/34$

All: 30.851 ± 15.380 $\chi^2/\text{NDF}: 88.2/66$

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: 89.523 $\pm$ 0.018 χ^2/NDF : 251555.1/16

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 90.540 $\pm$ 0.019 χ^2/NDF : 146439.0/14

Left: 90.004 $\pm$ 0.013 χ^2/NDF : 399539.3/31

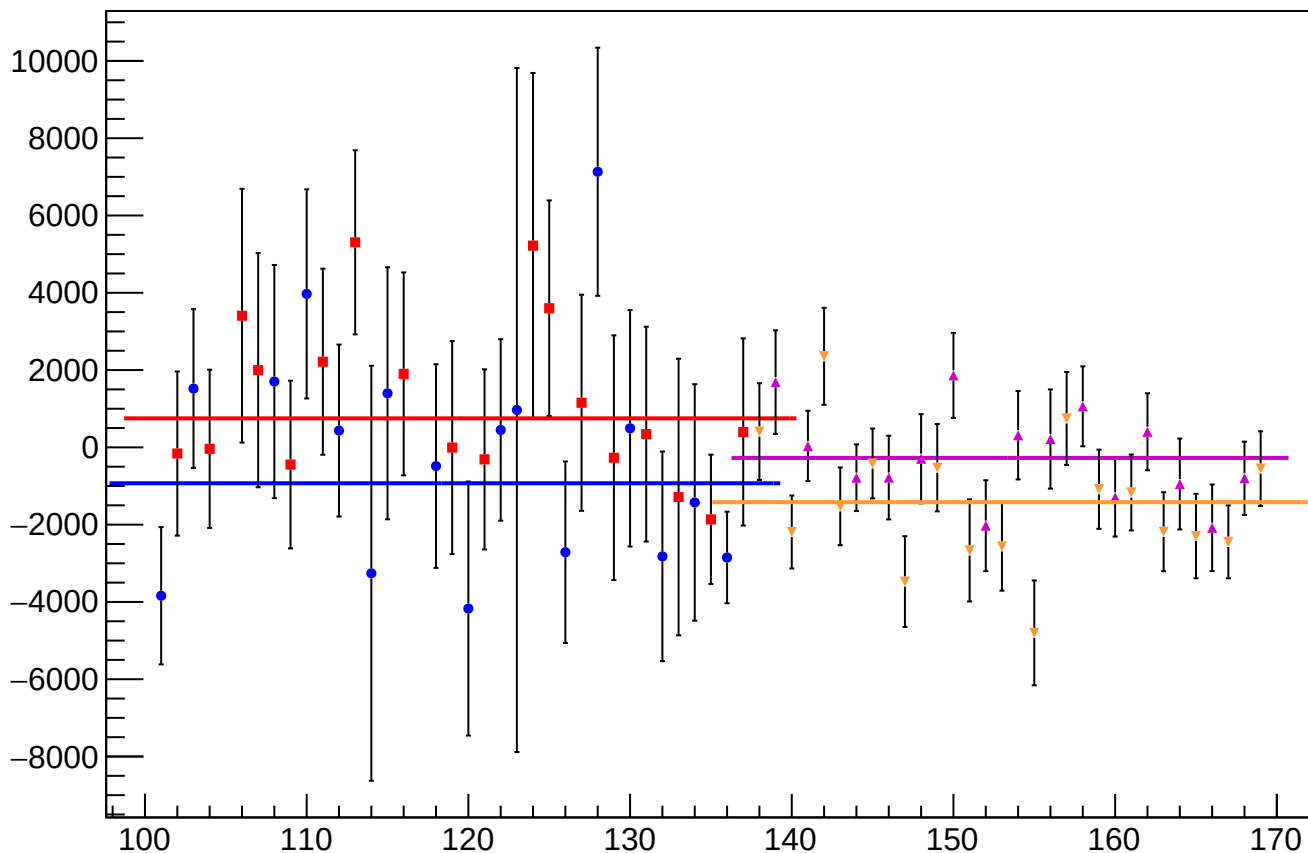
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 94.336 $\pm$ 0.016 χ^2/NDF : 588356.2/31

Out: 93.816 $\pm$ 0.015 χ^2/NDF : 827971.5/34

All: 94.066 $\pm$ 0.011 χ^2/NDF : 1416899.2/66

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1418.909 $\pm$ 261.157 χ^2 /NDF:31.5/16

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: -272.992 $\pm$ 275.514 χ^2 /NDF:15.6/14

Left: -876.583 $\pm$ 189.538 χ^2 /NDF: 56.2/31

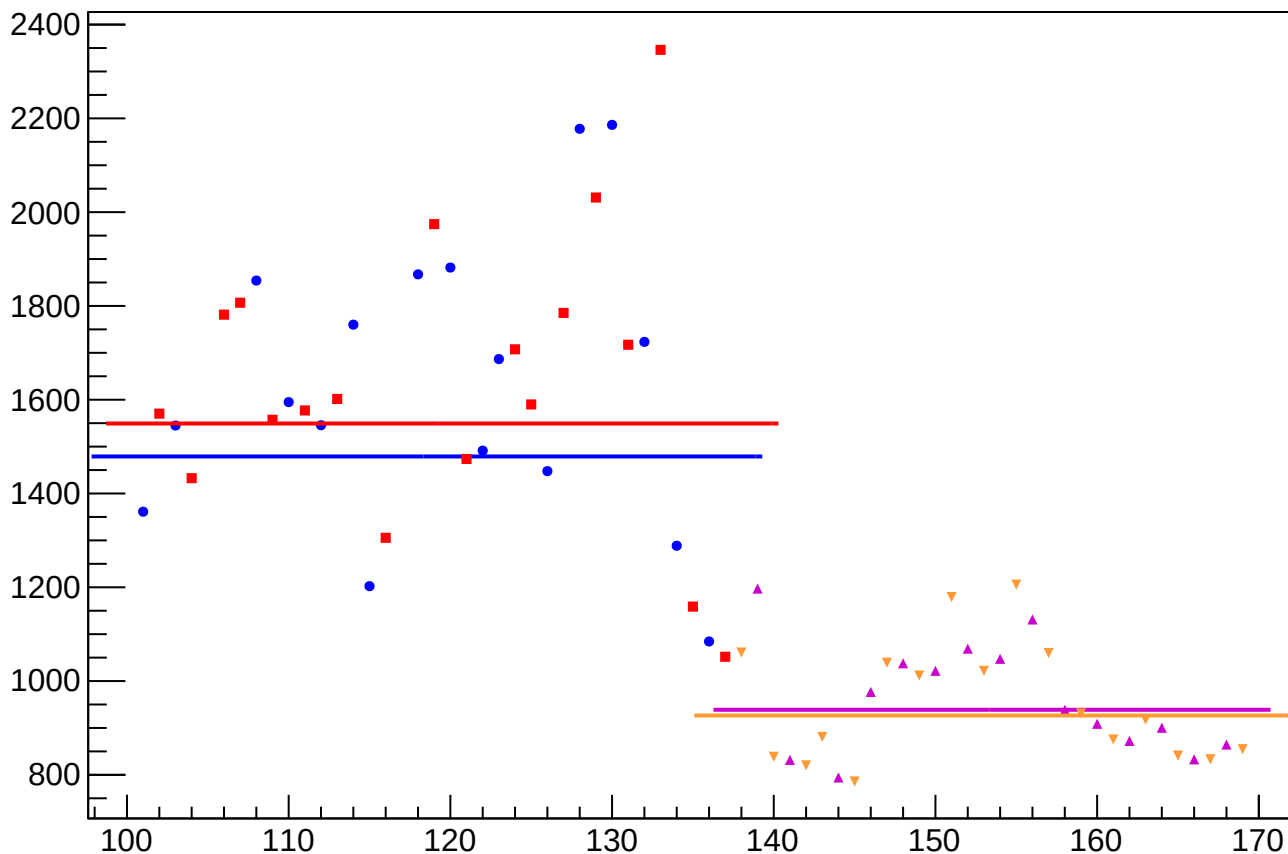
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -391.419 $\pm$ 249.406 χ^2 /NDF:37.5/31

Out: -1068.318 $\pm$ 239.134 χ^2 /NDF:53.6/34

All: -744.094 $\pm$ 172.610 χ^2 /NDF: 94.9/66

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 926.608 $\pm$ 0.185 χ^2 /NDF: 381763.0/16

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 938.750 $\pm$ 0.195 χ^2 /NDF: 317022.3/14

Left: 932.355 $\pm$ 0.134 χ^2 /NDF: 700831.4/31

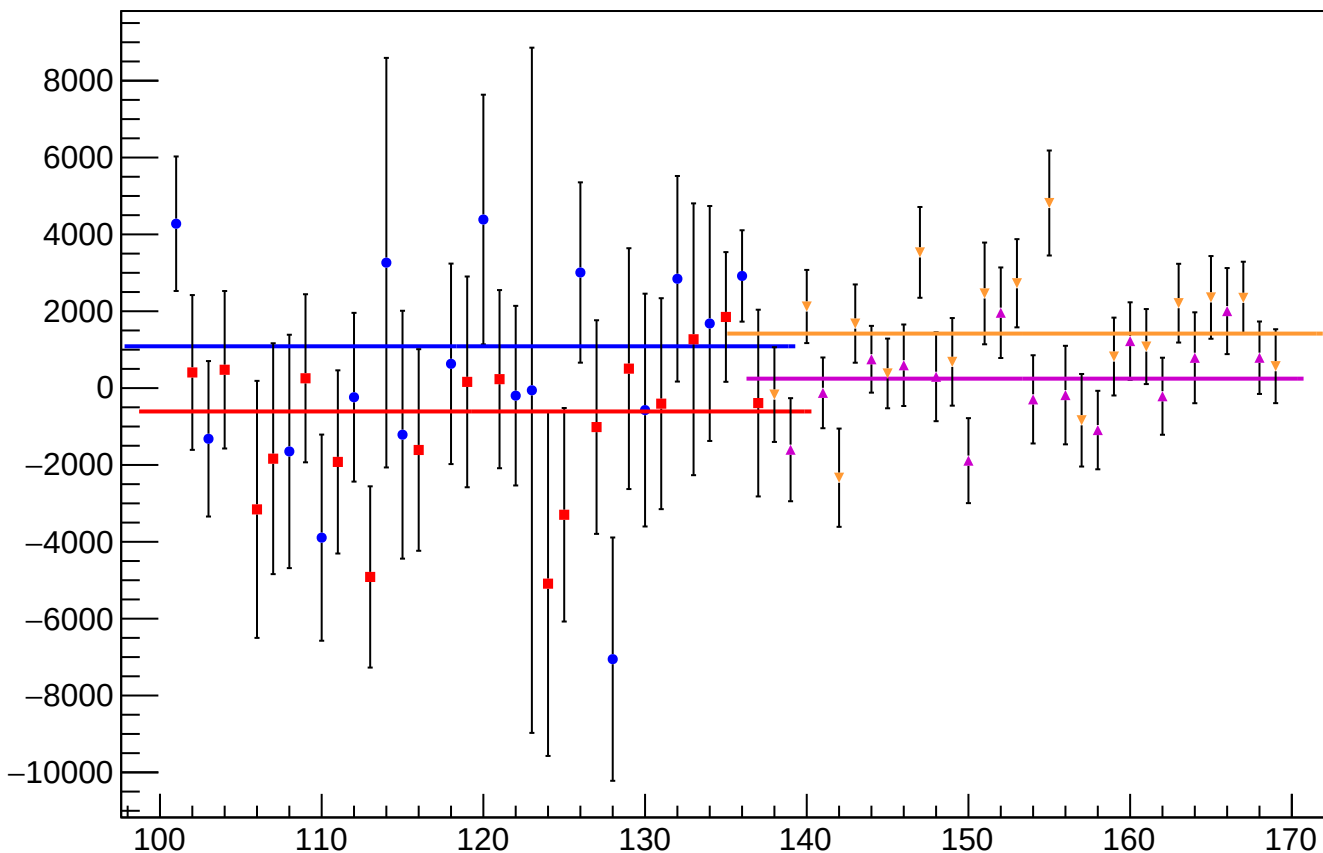
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1036.288 $\pm$ 0.176 χ^2 /NDF: 2294999.5/31

Out: 1027.198 $\pm$ 0.169 χ^2 /NDF: 2680989.5/34

All: 1031.552 $\pm$ 0.122 χ^2 /NDF: 4977372.9/66

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: 1418.596 $\pm$ 261.308 χ^2 /NDF:31.0/16

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 245.914 $\pm$ 275.484 χ^2 /NDF:14.6/14

Left: 863.203 $\pm$ 189.586 χ^2 /NDF: 55.1/31

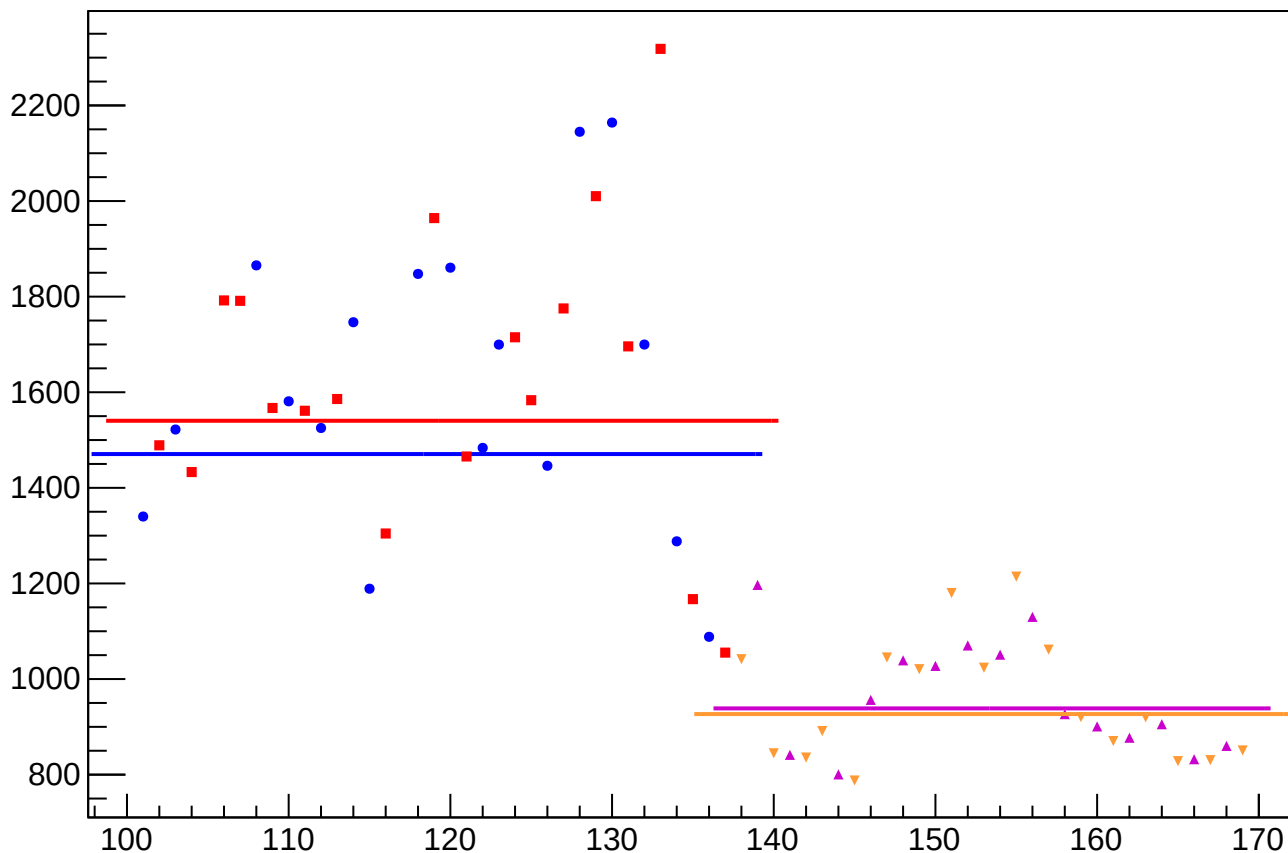
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 399.476 $\pm$ 249.102 χ^2 /NDF:38.1/31

Out: 1087.724 $\pm$ 239.026 χ^2 /NDF:50.8/34

All: 757.801 $\pm$ 172.469 χ^2 /NDF: 92.8/66

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 926.739 $\pm$ 0.185 χ^2/NDF : 383707.7/16

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 938.602 $\pm$ 0.195 χ^2/NDF : 308332.4/14

Left: 932.358 $\pm$ 0.134 χ^2/NDF : 693992.4/31

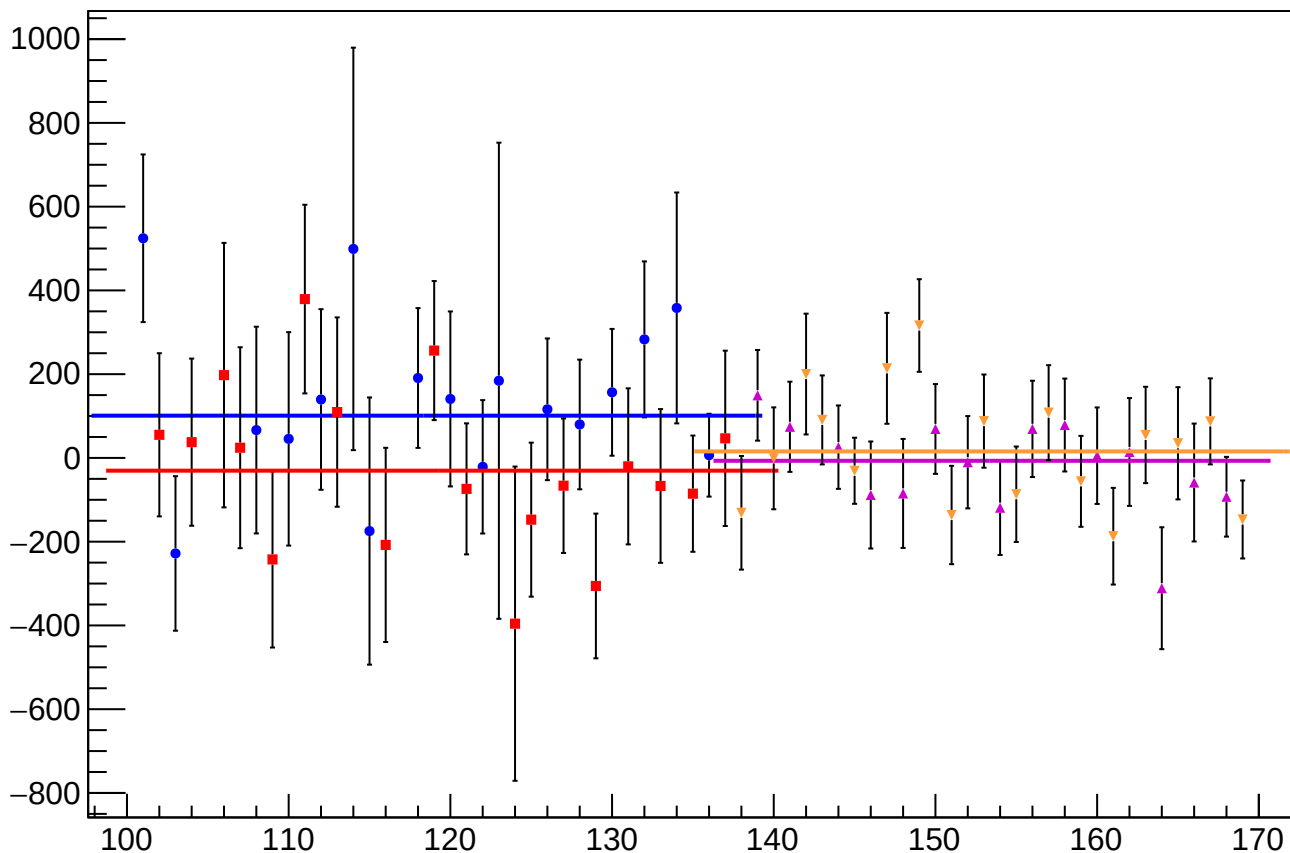
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1035.633 $\pm$ 0.176 χ^2/NDF : 2236636.6/31

Out: 1026.922 $\pm$ 0.169 χ^2/NDF : 2627061.9/34

All: 1031.098 $\pm$ 0.122 χ^2/NDF : 4864971.8/66

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: 15.524 $\pm$ 27.044 χ^2 /NDF:24.1/16

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: -6.855 $\pm$ 29.601 χ^2 /NDF:11.4/14

Left: 5.343 $\pm$ 19.966 χ^2 /NDF: 35.8/31

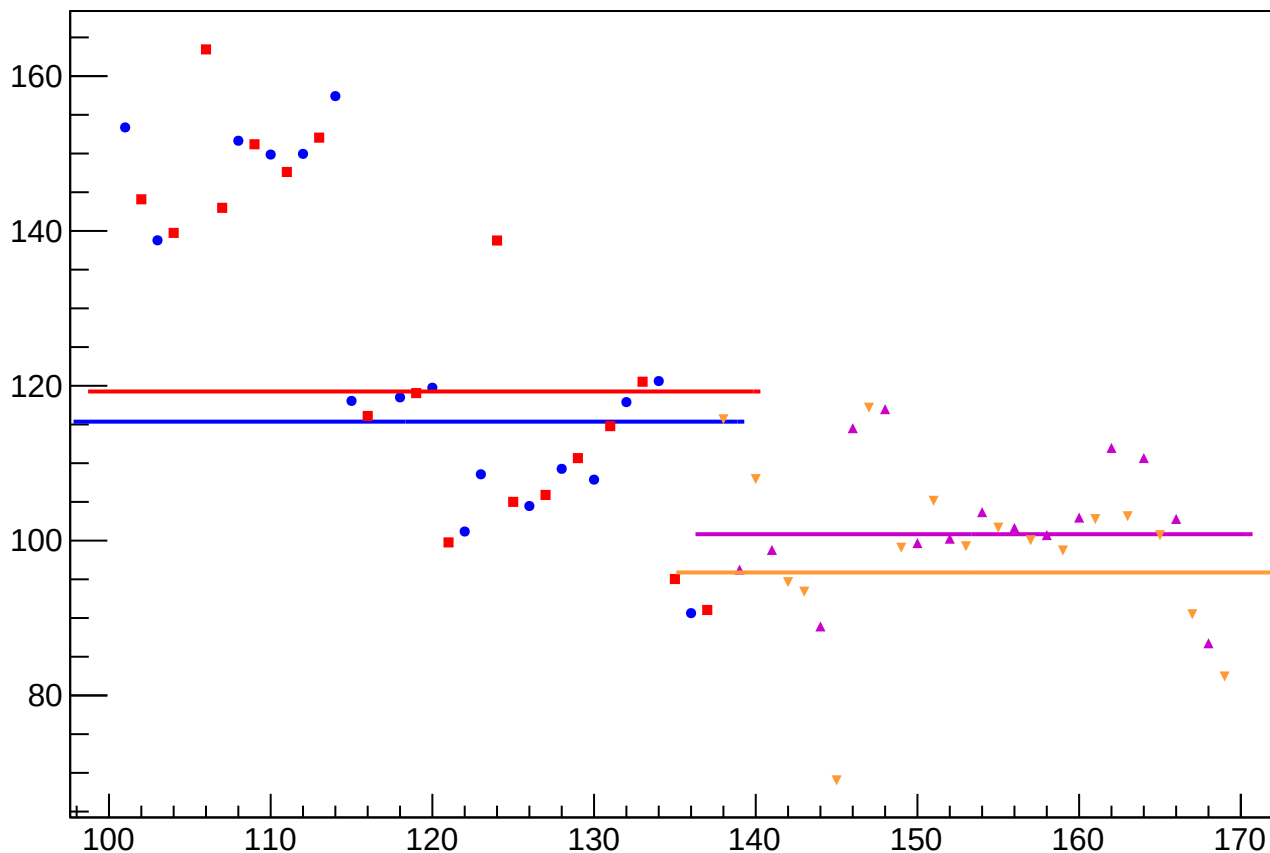
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 25.409 $\pm$ 24.777 χ^2 /NDF:28.4/31

Out: 3.614 $\pm$ 23.275 χ^2 /NDF:38.3/34

All: 13.831 $\pm$ 16.964 χ^2 /NDF: 67.1/66

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: 95.885 $\pm$ 0.019 χ^2 /NDF:436689.8/16

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 100.828 $\pm$ 0.021 χ^2 /NDF:157368.3/14

Left: 98.134 $\pm$ 0.014 χ^2 /NDF: 624457.8/31

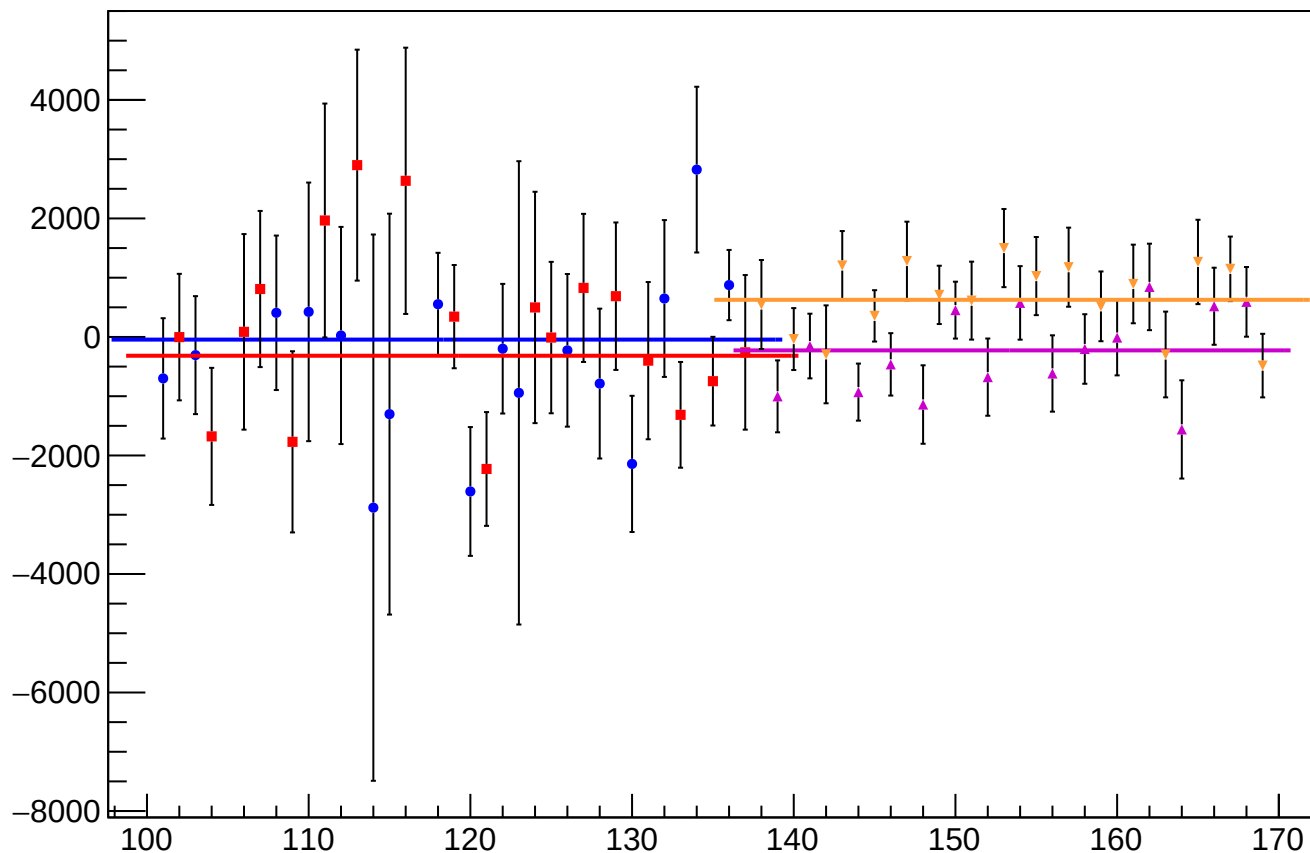
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 105.180 $\pm$ 0.018 χ^2 /NDF:713165.9/31

Out: 101.946 $\pm$ 0.016 χ^2 /NDF:1222512.7/34

All: 103.462 $\pm$ 0.012 χ^2 /NDF: 1953781.2/66

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 626.890 ± 146.447 $\chi^2/\text{NDF}: 15.9/16$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -226.706 ± 154.429 $\chi^2/\text{NDF}: 18.5/14$

Left: 222.718 ± 106.264 $\chi^2/\text{NDF}: 50.5/31$

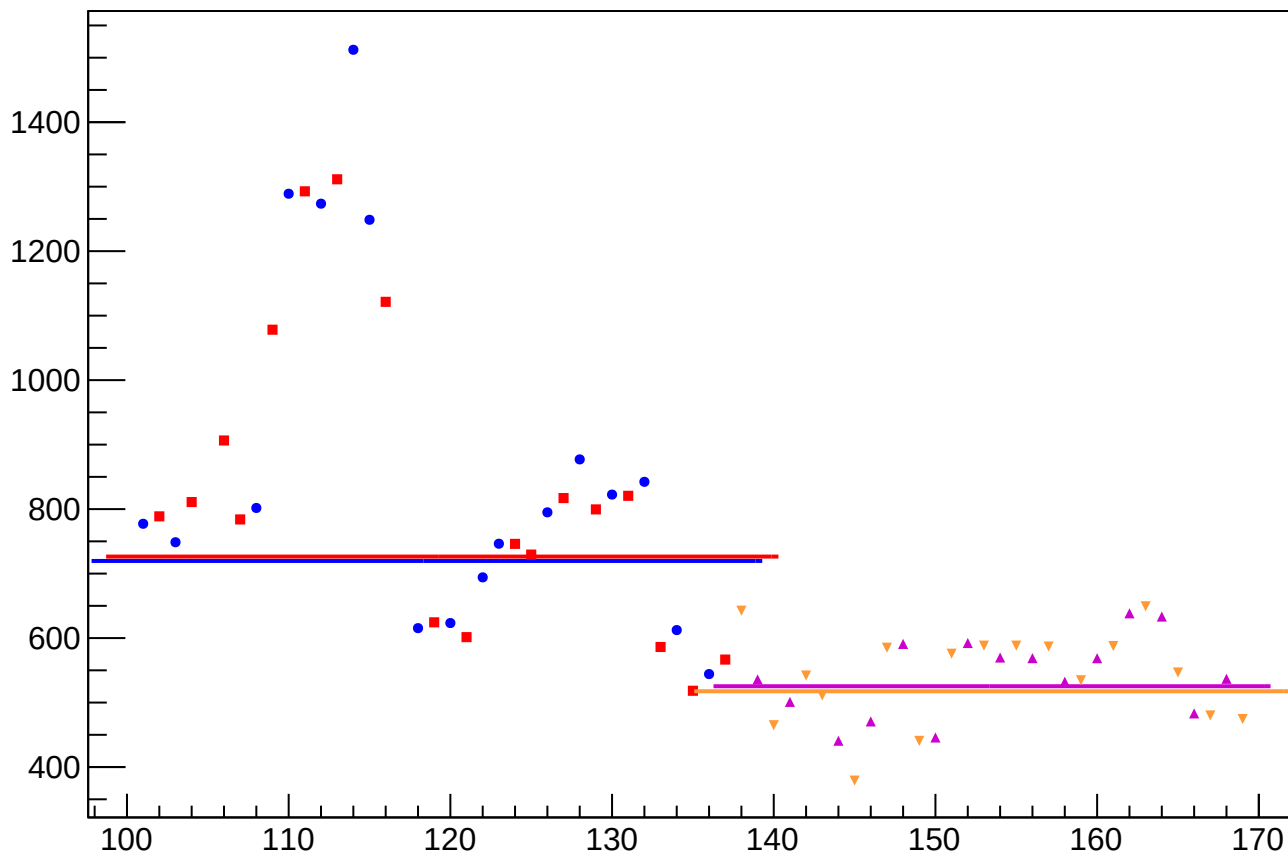
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -185.650 ± 135.915 $\chi^2/\text{NDF}: 36.7/31$

Out: 427.648 ± 130.075 $\chi^2/\text{NDF}: 41.4/34$

All: 134.457 ± 93.974 $\chi^2/\text{NDF}: 88.8/66$

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: 517.531 $\pm$ 0.104 χ^2 /NDF: 551082.8/16

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 525.327 $\pm$ 0.109 χ^2 /NDF: 303463.5/14

Left: 521.222 $\pm$ 0.075 χ^2 /NDF: 857229.5/31

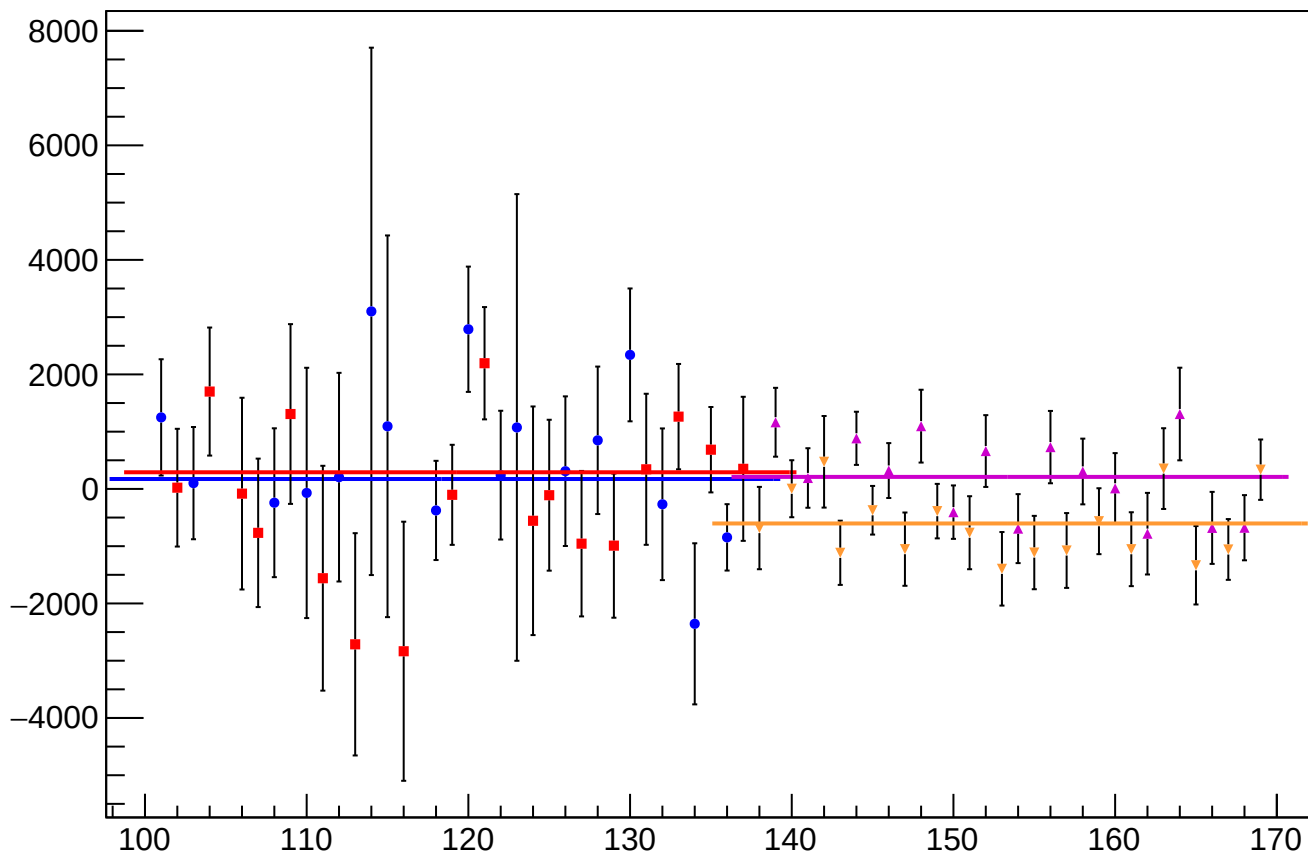
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 569.116 $\pm$ 0.096 χ^2 /NDF: 1763870.4/31

Out: 561.621 $\pm$ 0.092 χ^2 /NDF: 2290831.1/34

All: 565.204 $\pm$ 0.066 χ^2 /NDF: 4057875.7/66

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: -603.249 $\pm$ 142.143 χ^2 /NDF:15.3/16

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 210.037 $\pm$ 148.865 χ^2 /NDF:20.2/14

Left: -215.382 $\pm$ 102.804 χ^2 /NDF: 51.0/31

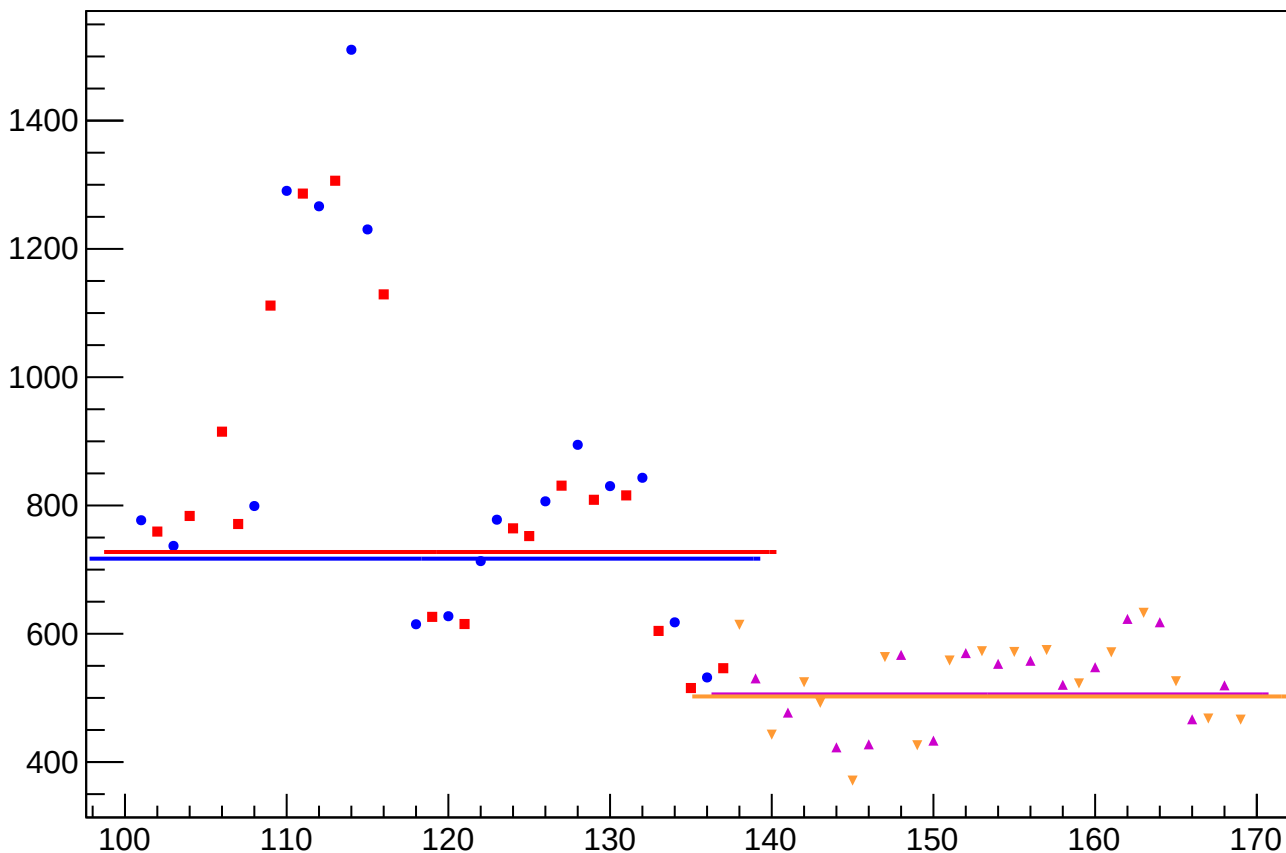
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 202.166 $\pm$ 132.016 χ^2 /NDF:38.3/31

Out: -423.692 $\pm$ 127.070 χ^2 /NDF:38.8/34

All: -122.706 $\pm$ 91.551 χ^2 /NDF: 88.8/66

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 502.261+/-0.101 χ^2/NDF : 540578.4/16

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 505.444+/-0.105 χ^2/NDF : 352199.2/14

Left: 503.779+/-0.073 χ^2/NDF : 893255.8/31

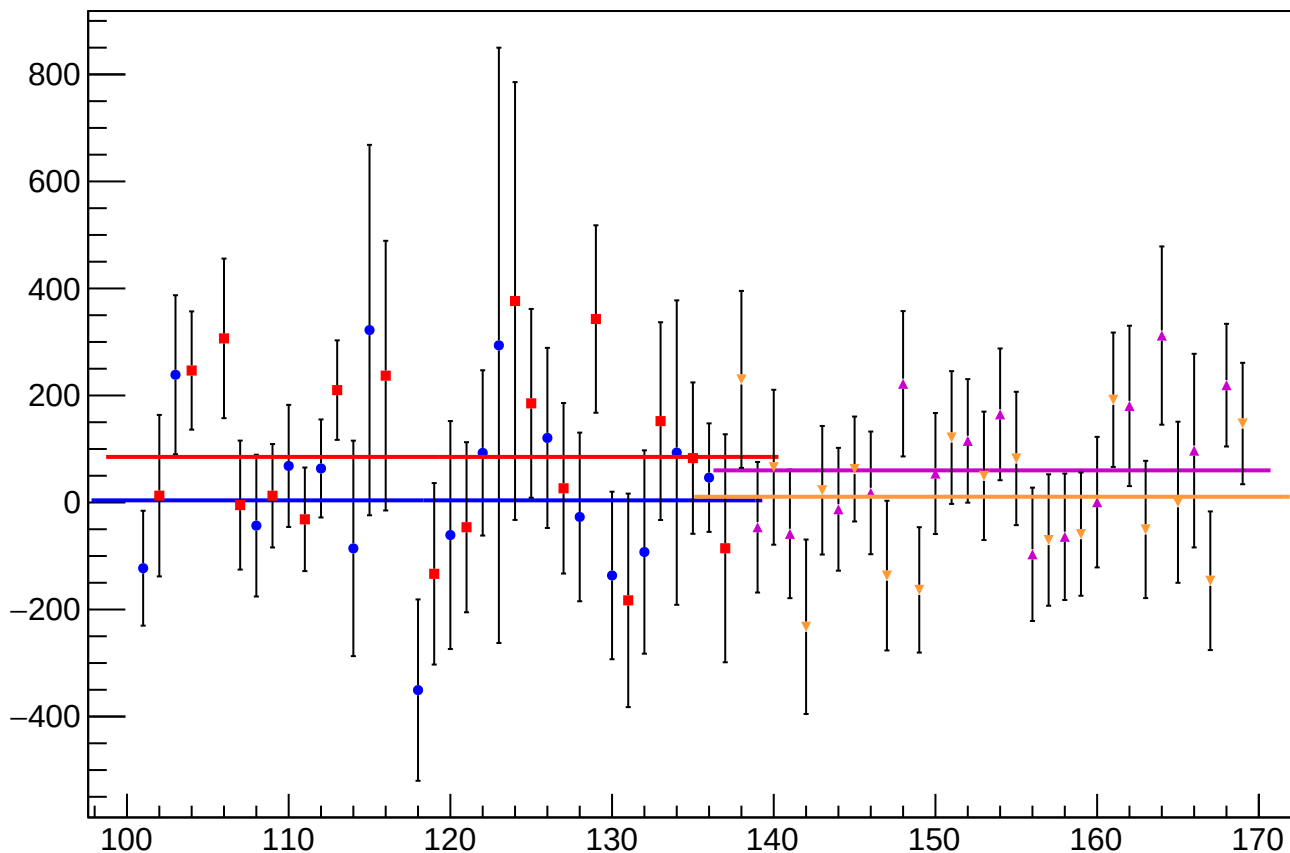
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 550.641+/-0.093 χ^2/NDF : 1997925.3/31

Out: 547.495+/-0.090 χ^2/NDF : 2430093.5/34

All: 549.008+/-0.065 χ^2/NDF : 4428608.4/66

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2 /NDF: 12.7/16

Left Out: 10.744 $\pm$ 30.639 χ^2 /NDF:15.0/16

Right Out: 85.205 $\pm$ 33.413 χ^2 /NDF: 17.4/17

Left In: 60.025 $\pm$ 32.403 χ^2 /NDF:12.5/14

Left: 34.006 $\pm$ 22.263 χ^2 /NDF: 28.7/31

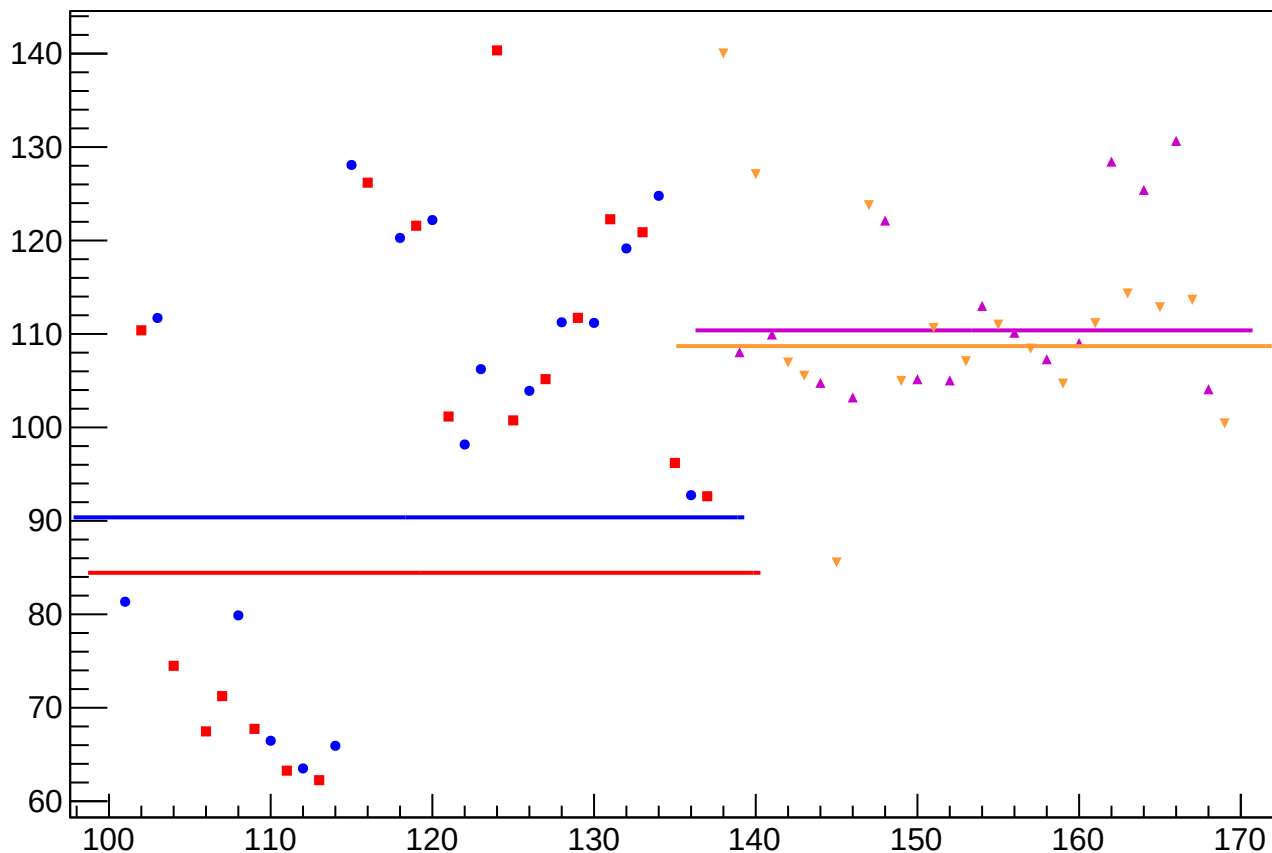
Right: 47.574 $\pm$ 24.474 χ^2 /NDF: 32.8/34

In: 34.917 $\pm$ 24.069 χ^2 /NDF:26.5/31

Out: 44.756 $\pm$ 22.582 χ^2 /NDF:35.1/34

All: 40.150 $\pm$ 16.469 χ^2 /NDF: 61.7/66

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: 108.702 $\pm$ 0.022 χ^2 /NDF: 266046.1/16

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 110.382 $\pm$ 0.023 χ^2 /NDF: 115949.3/14

Left: 109.495 $\pm$ 0.016 χ^2 /NDF: 384835.3/31

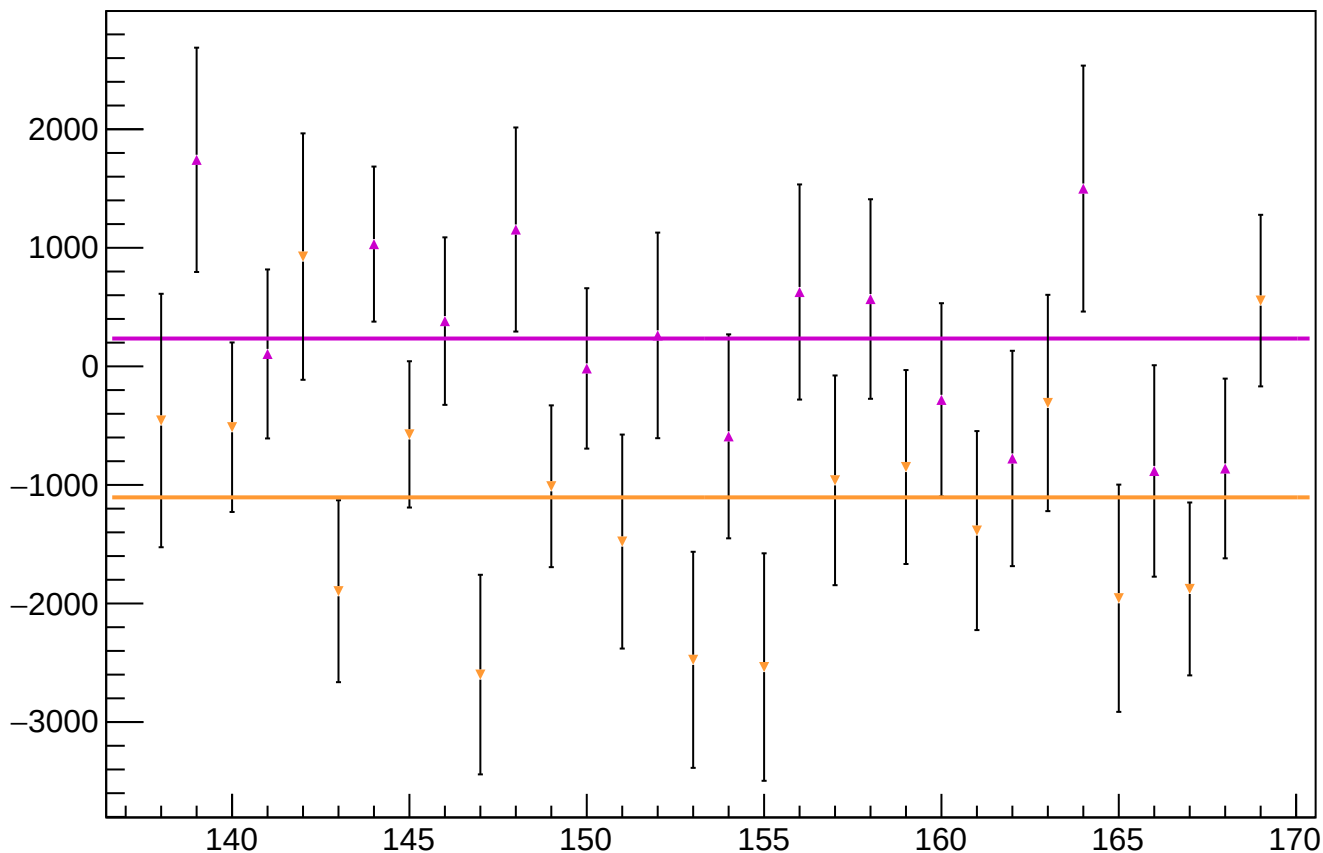
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 101.414 $\pm$ 0.017 χ^2 /NDF: 1111857.7/31

Out: 97.621 $\pm$ 0.016 χ^2 /NDF: 1709621.4/34

All: 99.396 $\pm$ 0.012 χ^2 /NDF: 2847900.7/66

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1104.878+/-198.276 χ^2/NDF :22.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 234.800+/-208.894 χ^2/NDF :13.4/14

Left: -469.949+/-143.810 χ^2/NDF : 57.7/31

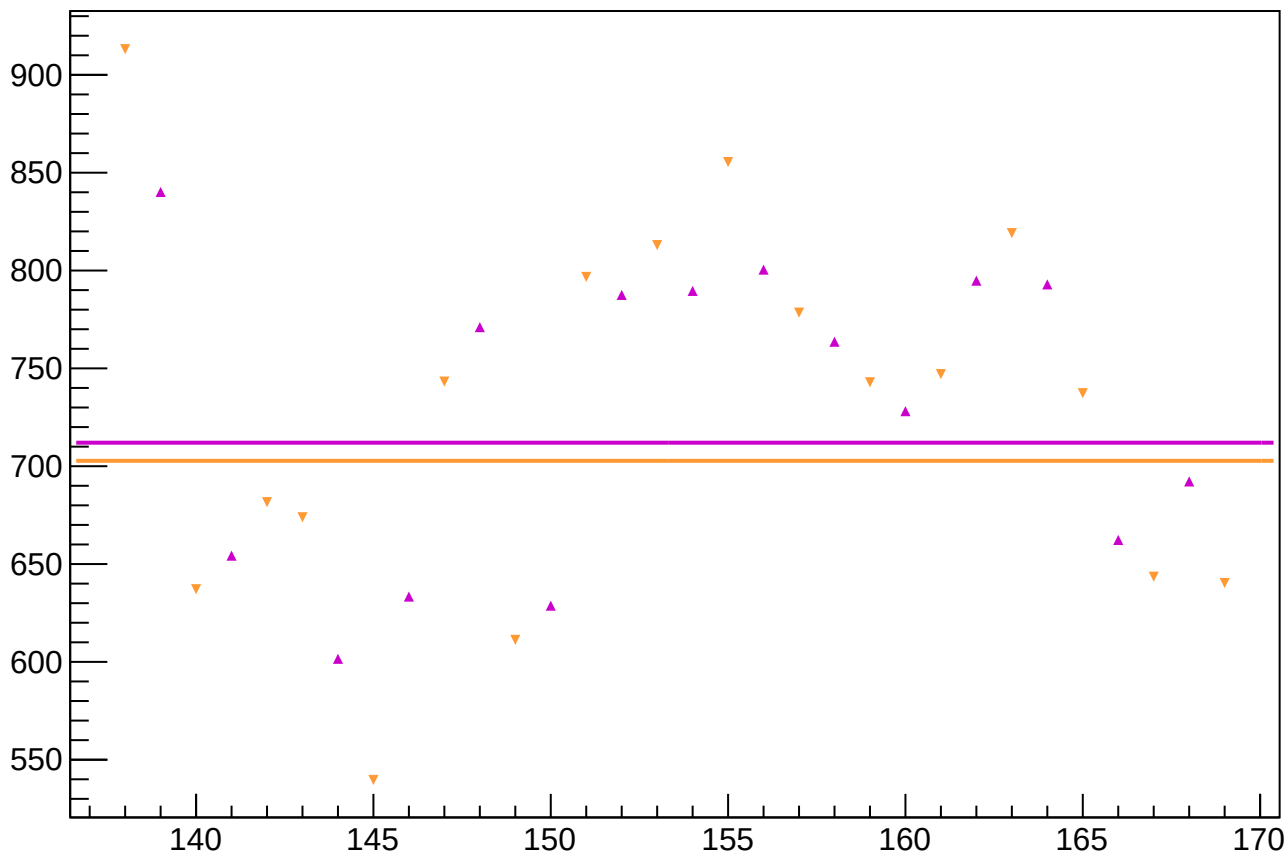
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.800+/-208.894 χ^2/NDF :13.4/14

Out: -1104.878+/-198.276 χ^2/NDF :22.7/16

All: -469.949+/-143.810 χ^2/NDF : 57.7/31

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.751+/-0.140 χ^2/NDF :468257.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 712.017+/-0.148 χ^2/NDF :266507.8/14

Left: 707.142+/-0.102 χ^2/NDF : 736835.5/31

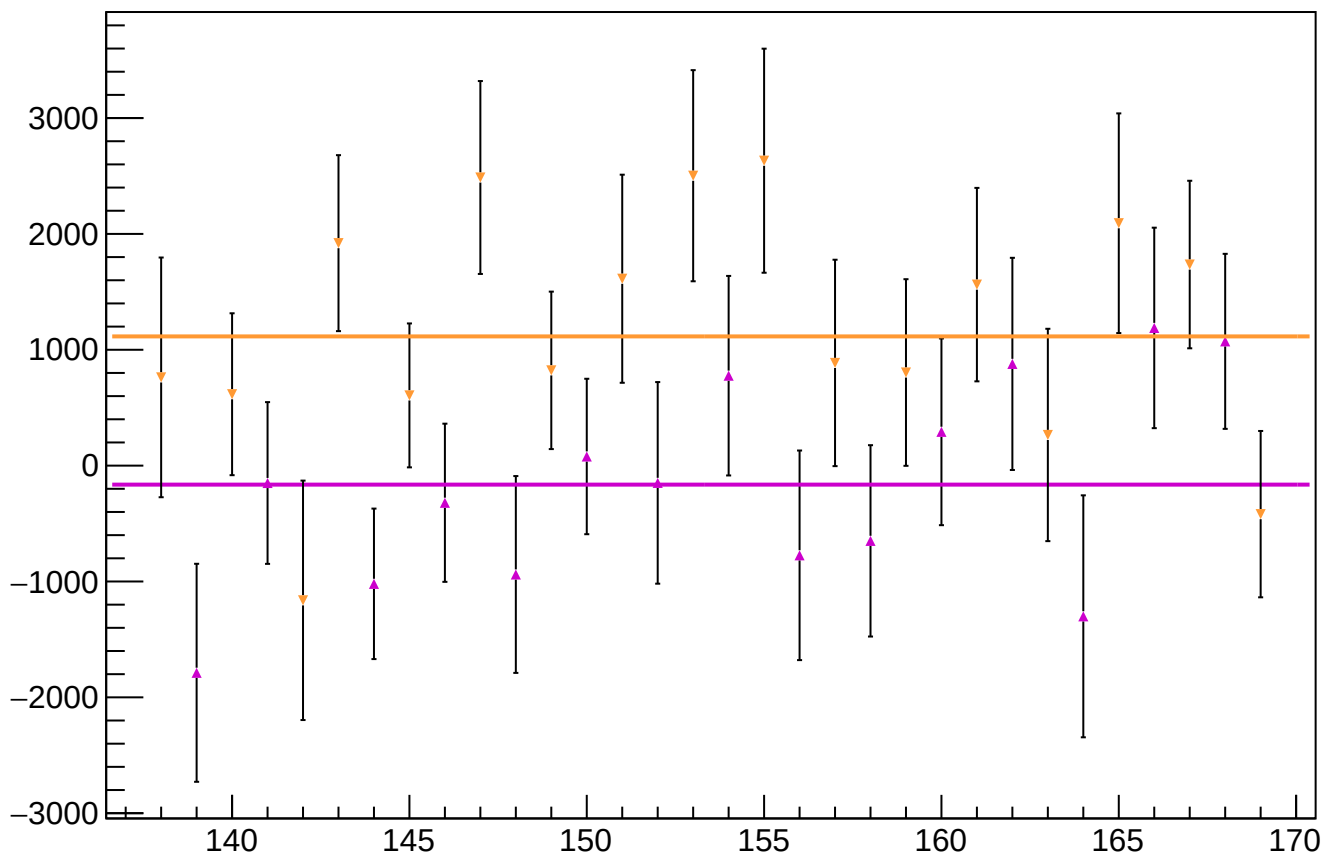
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 712.017+/-0.148 χ^2/NDF :266507.8/14

Out: 702.751+/-0.140 χ^2/NDF :468257.8/16

All: 707.142+/-0.102 χ^2/NDF : 736835.5/31

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1115.336+/-197.027 χ^2/NDF :23.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -163.976+/-206.712 χ^2/NDF :15.7/14

Left: 506.353+/-142.620 χ^2/NDF : 58.7/31

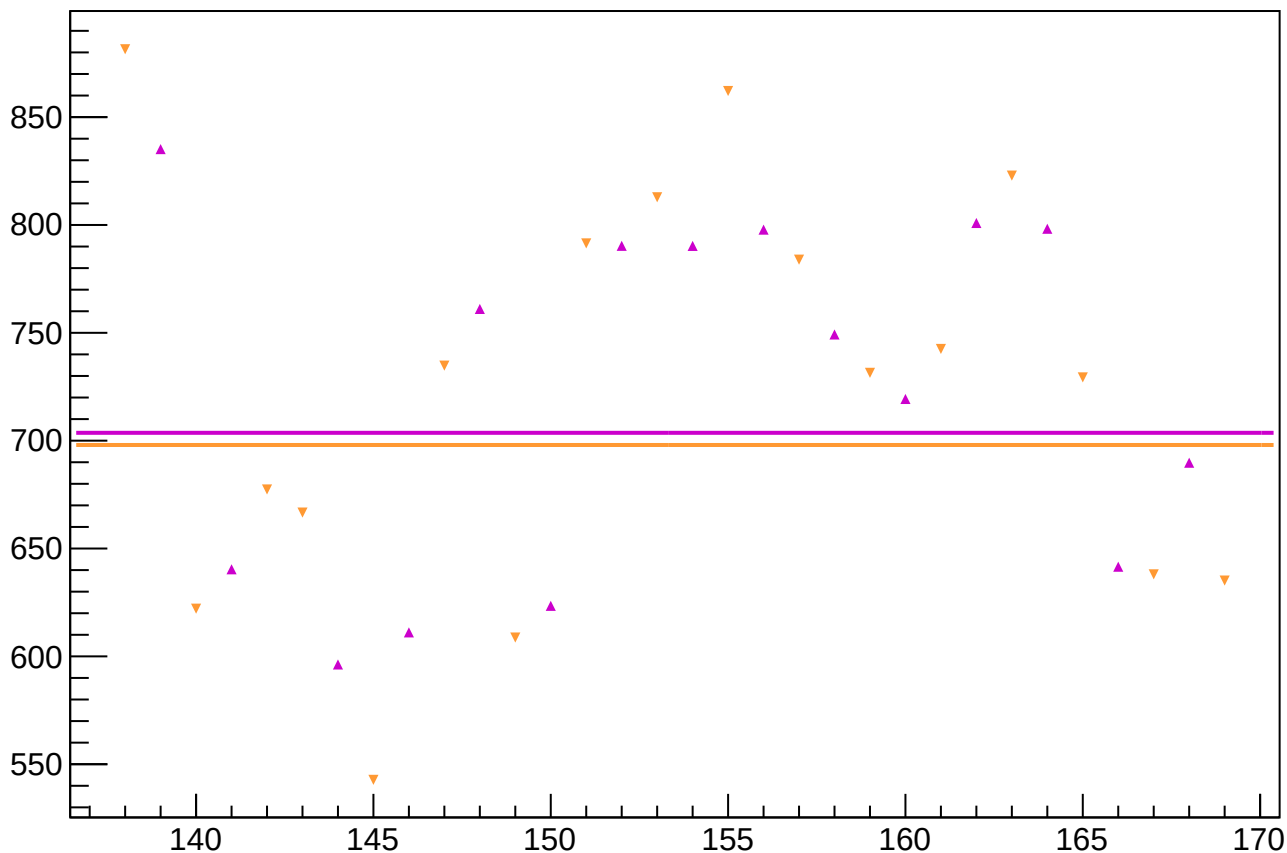
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -163.976+/-206.712 χ^2/NDF :15.7/14

Out: 1115.336+/-197.027 χ^2/NDF :23.0/16

All: 506.353+/-142.620 χ^2/NDF : 58.7/31

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 698.000 $\pm$ 0.139 χ^2 /NDF:461254.8/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 703.643 $\pm$ 0.146 χ^2 /NDF:303297.5/14

Left: 700.686 $\pm$ 0.101 χ^2 /NDF: 765333.2/31

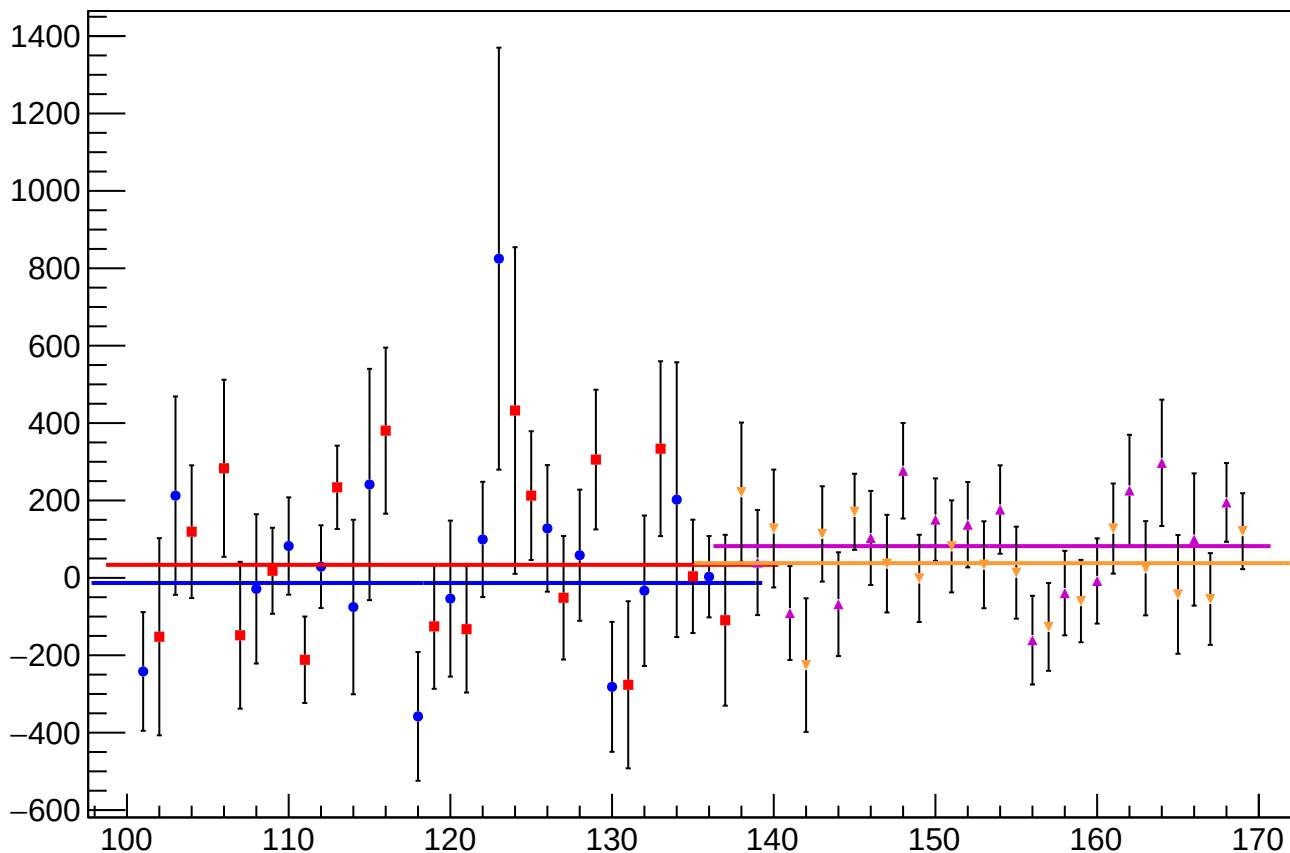
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 703.643 $\pm$ 0.146 χ^2 /NDF:303297.5/14

Out: 698.000 $\pm$ 0.139 χ^2 /NDF:461254.8/16

All: 700.686 $\pm$ 0.101 χ^2 /NDF: 765333.2/31

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 38.086 ± 29.312 $\chi^2/\text{NDF}: 11.4/16$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 82.067 ± 31.352 $\chi^2/\text{NDF}: 17.6/14$

Left: 58.599 ± 21.411 $\chi^2/\text{NDF}: 30.0/31$

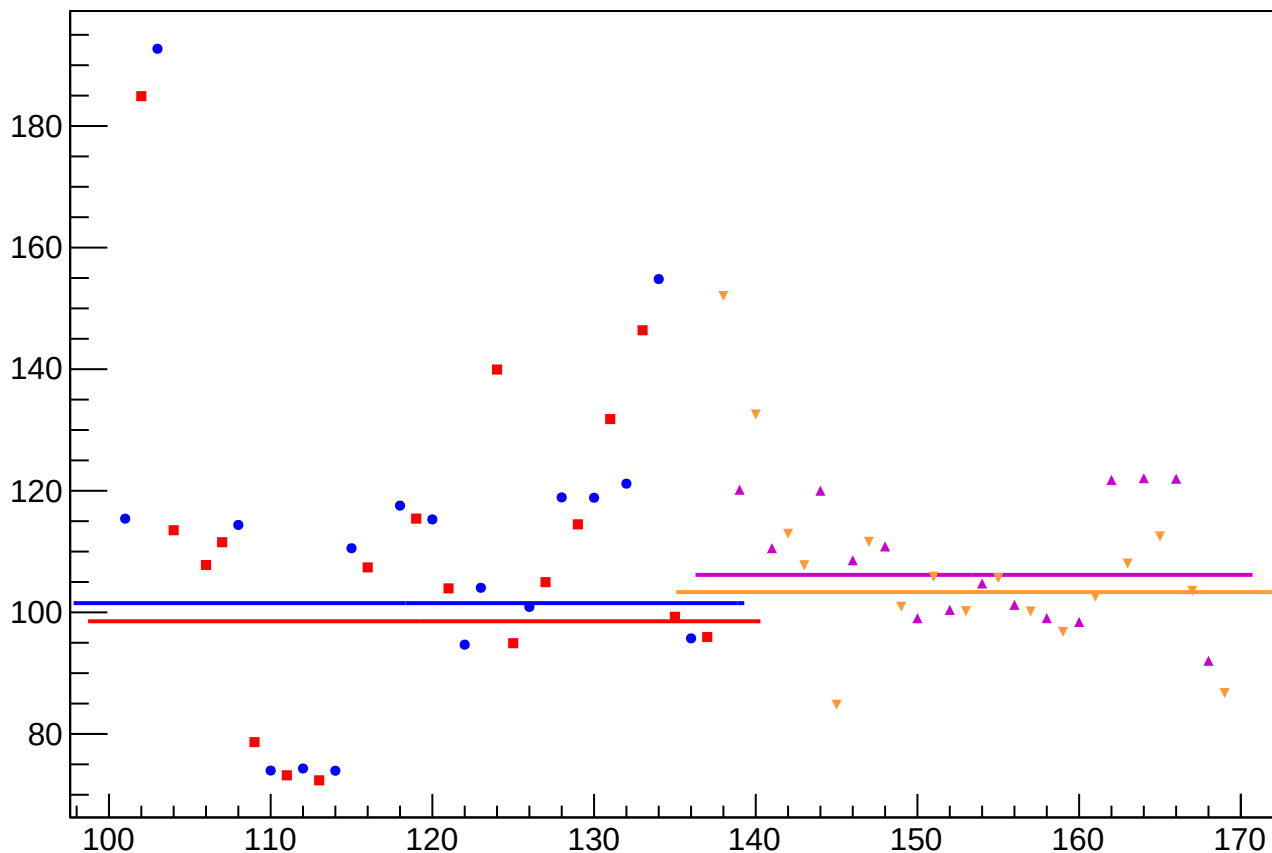
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 46.423 ± 24.804 $\chi^2/\text{NDF}: 36.8/31$

Out: 36.474 ± 23.408 $\chi^2/\text{NDF}: 36.1/34$

All: 41.161 ± 17.024 $\chi^2/\text{NDF}: 72.9/66$

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: 103.332 $\pm$ 0.021 χ^2 /NDF: 389309.7/16

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 106.172 $\pm$ 0.022 χ^2 /NDF: 183940.9/14

Left: 104.656 $\pm$ 0.015 χ^2 /NDF: 582009.9/31

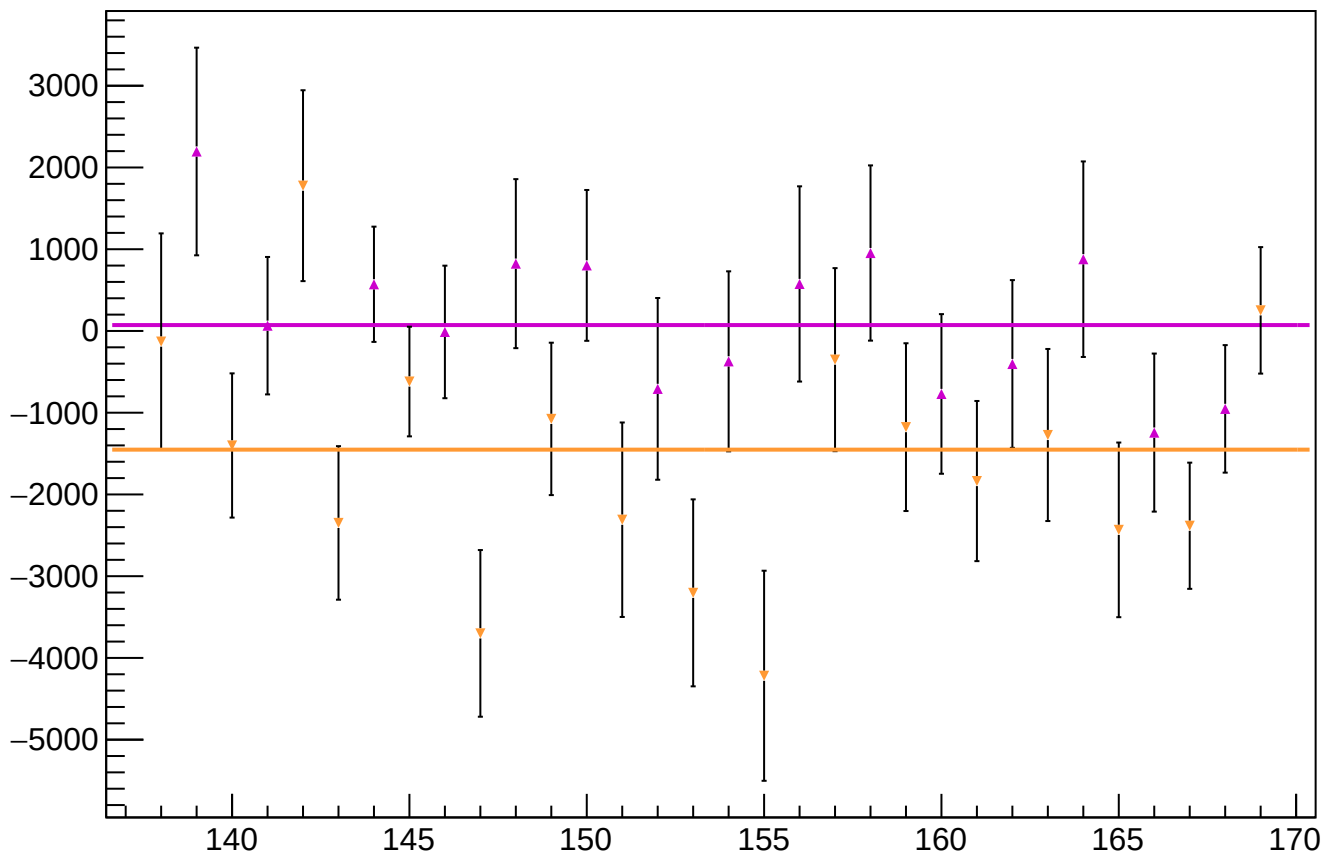
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.431 $\pm$ 0.018 χ^2 /NDF: 882133.7/31

Out: 101.595 $\pm$ 0.017 χ^2 /NDF: 1155678.3/34

All: 102.931 $\pm$ 0.012 χ^2 /NDF: 2051649.9/66

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1451.945+/-235.363 χ^2/NDF :32.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 72.157+/-247.738 χ^2/NDF :11.0/14

Left: -728.908+/-170.634 χ^2/NDF : 62.9/31

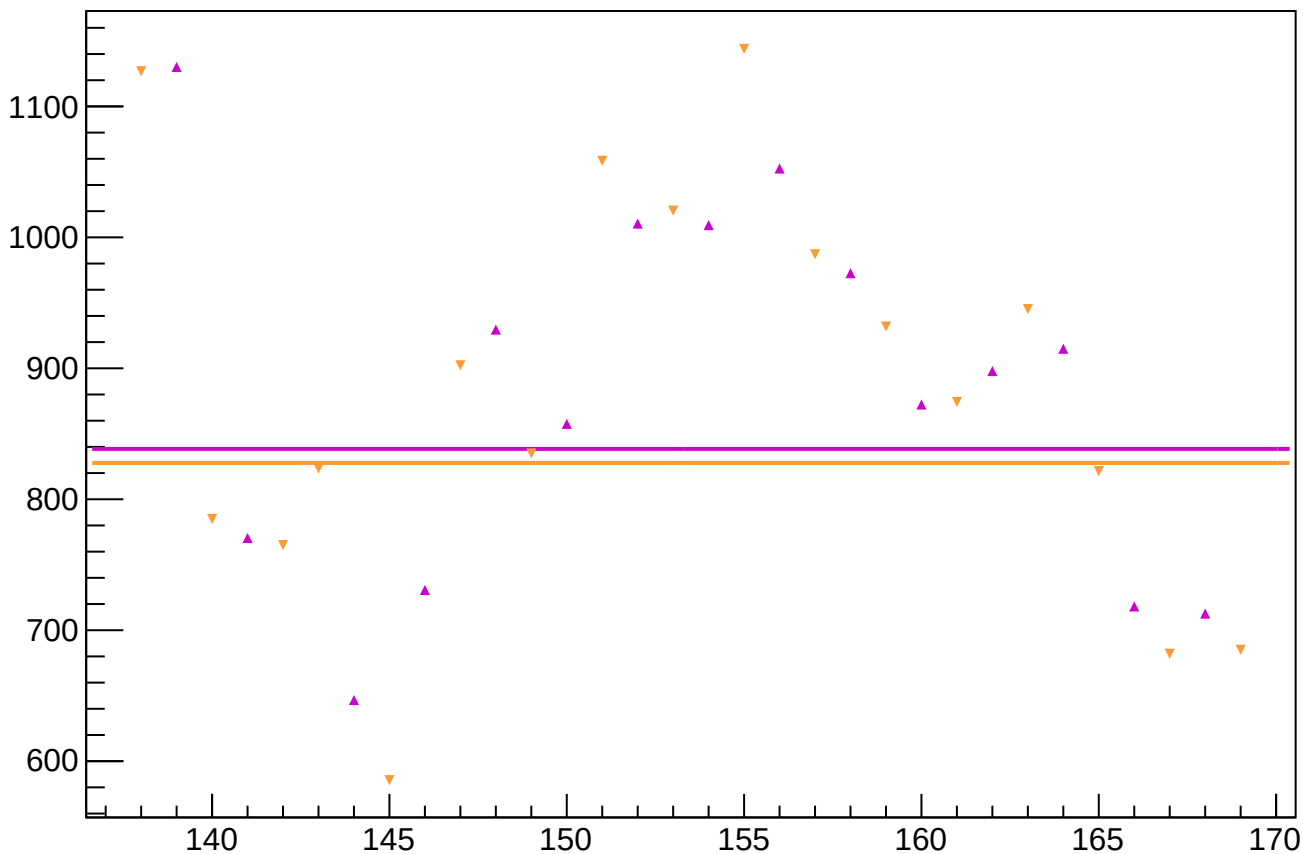
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 72.157+/-247.738 χ^2/NDF :11.0/14

Out: -1451.945+/-235.363 χ^2/NDF :32.0/16

All: -728.908+/-170.634 χ^2/NDF : 62.9/31

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 827.750+/-0.166 χ^2/NDF : 867408.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 838.456+/-0.175 χ^2/NDF : 610142.8/14

Left: 832.829+/-0.121 χ^2/NDF : 1479514.7/31

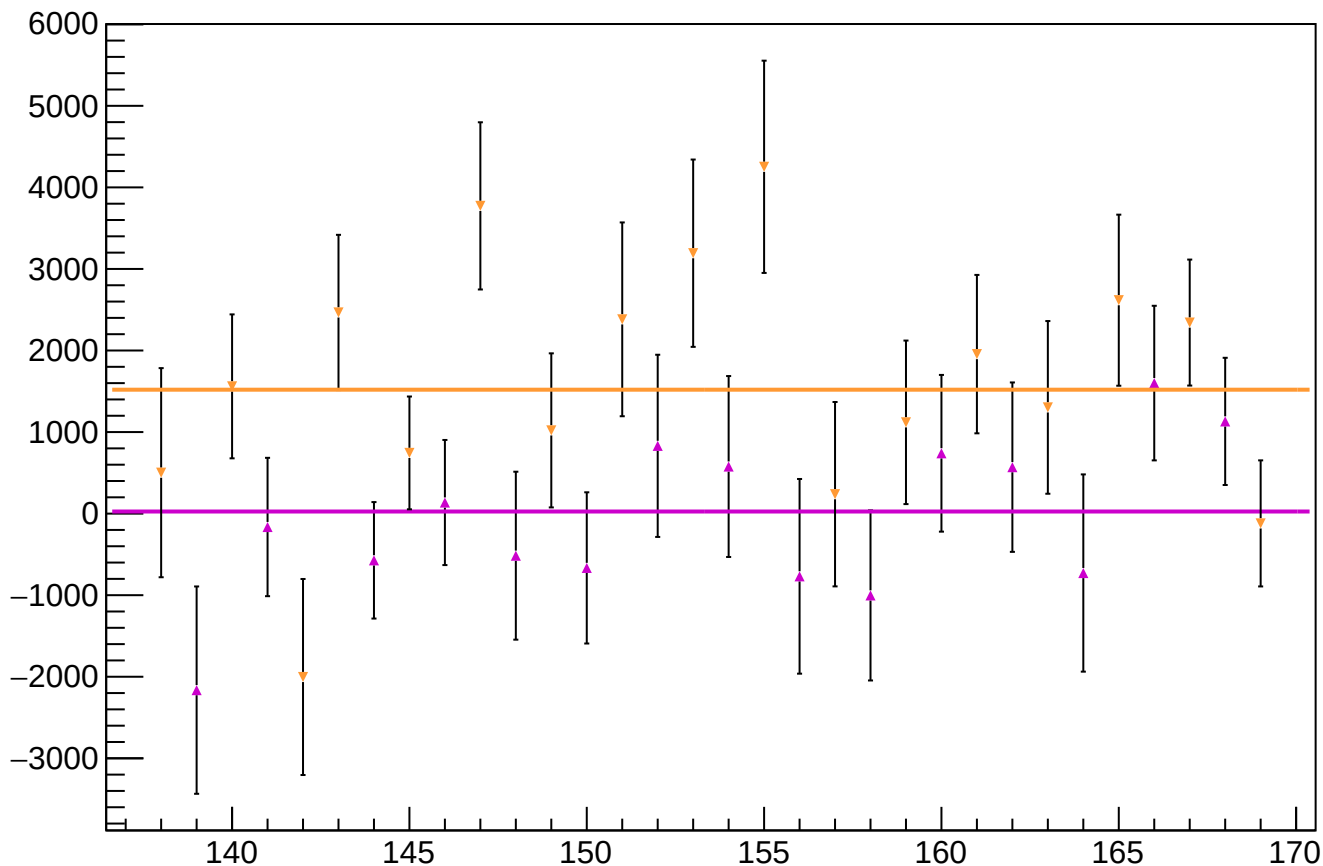
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 838.456+/-0.175 χ^2/NDF : 610142.8/14

Out: 827.750+/-0.166 χ^2/NDF : 867408.8/16

All: 832.829+/-0.121 χ^2/NDF : 1479514.7/31

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1519.505+/-236.355 χ^2/NDF :32.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.944+/-246.441 χ^2/NDF :12.7/14

Left: 803.911+/-170.582 χ^2/NDF : 63.9/31

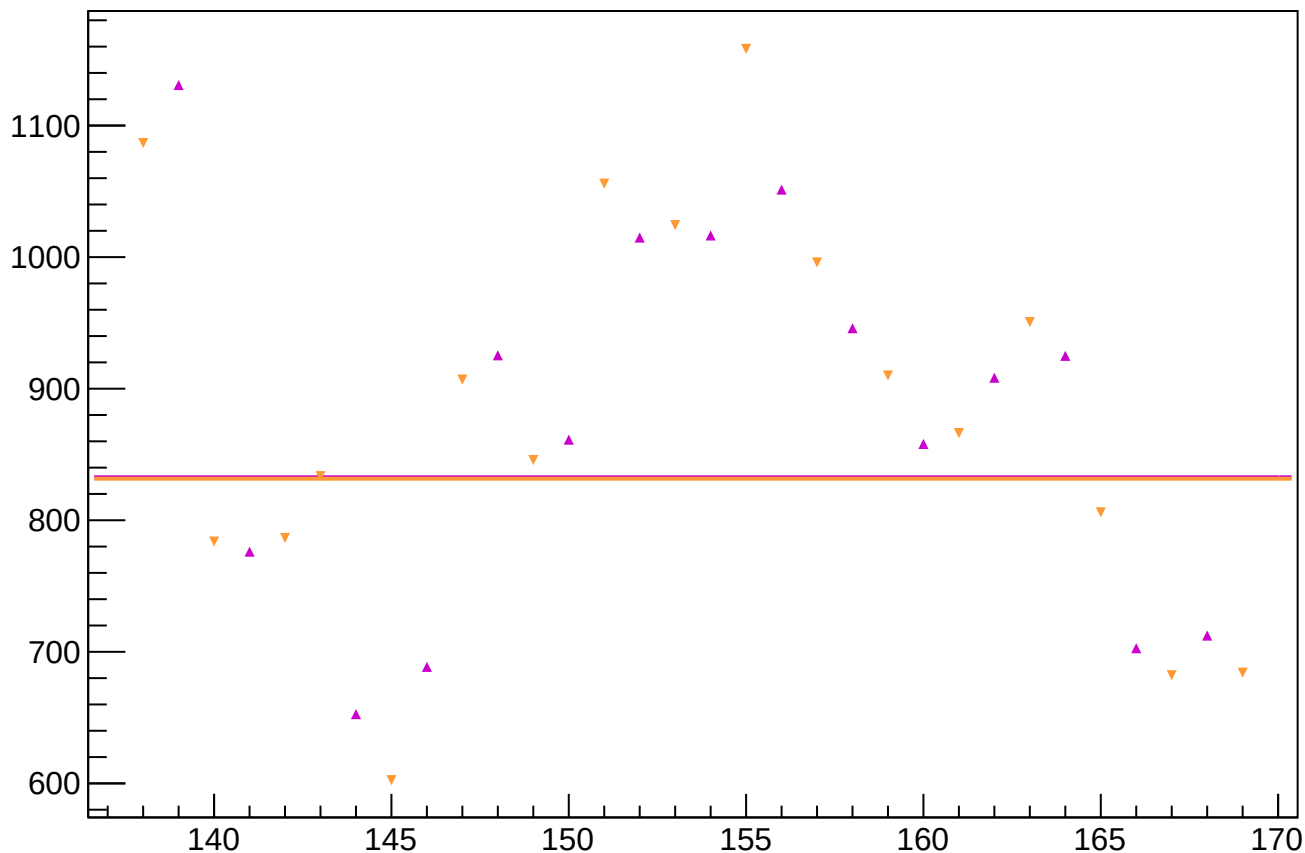
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.944+/-246.441 χ^2/NDF :12.7/14

Out: 1519.505+/-236.355 χ^2/NDF :32.1/16

All: 803.911+/-170.582 χ^2/NDF : 63.9/31

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 831.607+/-0.167 χ^2/NDF : 803548.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 832.676+/-0.174 χ^2/NDF : 642494.2/14

Left: 832.119+/-0.121 χ^2/NDF : 1446062.7/31

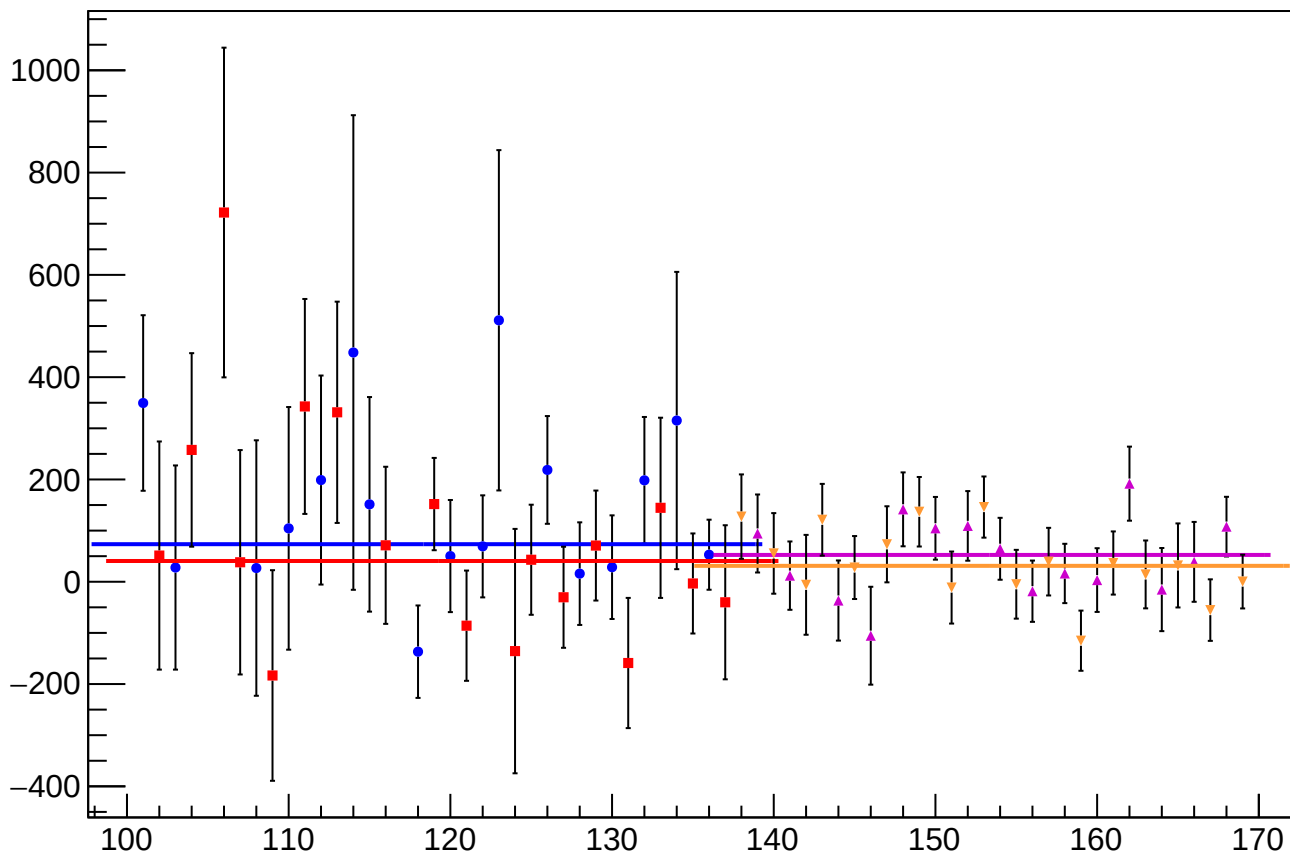
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 832.676+/-0.174 χ^2/NDF : 642494.2/14

Out: 831.607+/-0.167 χ^2/NDF : 803548.9/16

All: 832.119+/-0.121 χ^2/NDF : 1446062.7/31

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: 31.121 $\pm$ 16.279 χ^2 /NDF:19.0/16

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 52.438 $\pm$ 17.546 χ^2 /NDF:15.4/14

Left: 40.981 $\pm$ 11.934 χ^2 /NDF: 35.2/31

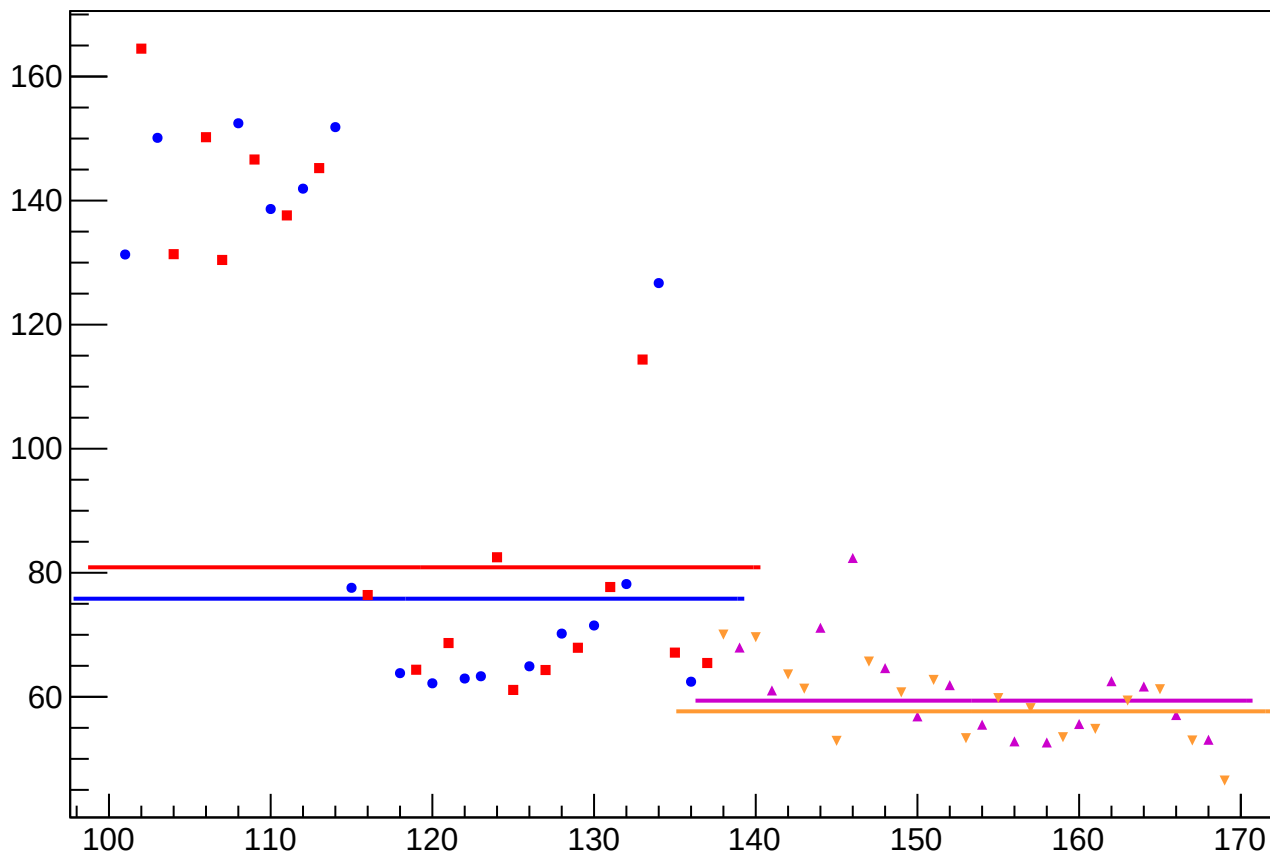
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 57.520 $\pm$ 15.277 χ^2 /NDF:31.0/31

Out: 32.998 $\pm$ 14.577 χ^2 /NDF:37.3/34

All: 44.684 $\pm$ 10.546 χ^2 /NDF: 69.7/66

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: 57.661 $\pm$ 0.012 χ^2 /NDF: 287912.0/16

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 59.384 $\pm$ 0.012 χ^2 /NDF: 300618.5/14

Left: 58.458 $\pm$ 0.008 χ^2 /NDF: 598888.2/31

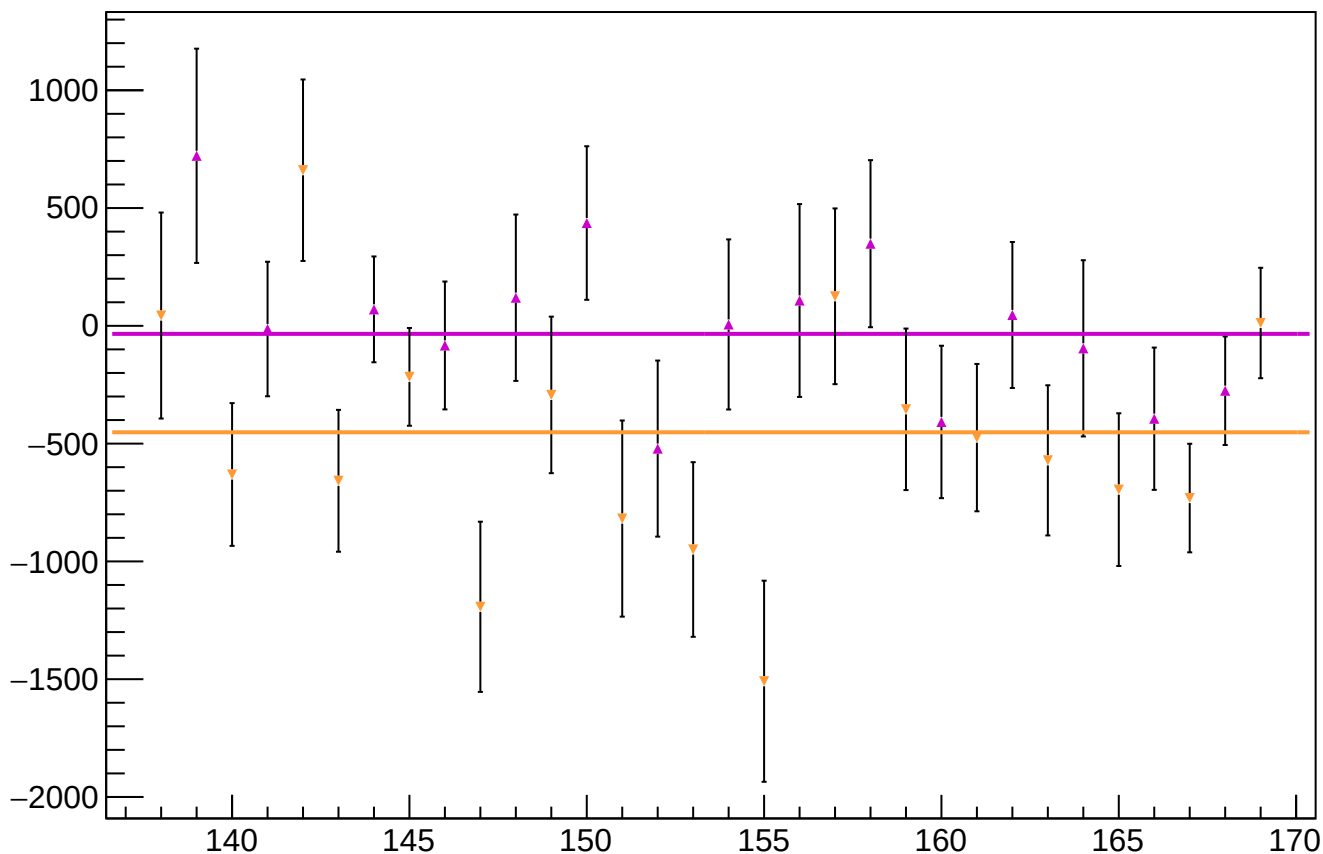
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 63.360 $\pm$ 0.011 χ^2 /NDF: 2075133.0/31

Out: 62.263 $\pm$ 0.010 χ^2 /NDF: 2620374.8/34

All: 62.785 $\pm$ 0.007 χ^2 /NDF: 4700907.5/66

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -451.866+/-75.661 χ^2/NDF :33.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.131+/-80.685 χ^2/NDF :12.2/14

Left: -256.408+/-55.191 χ^2/NDF : 59.9/31

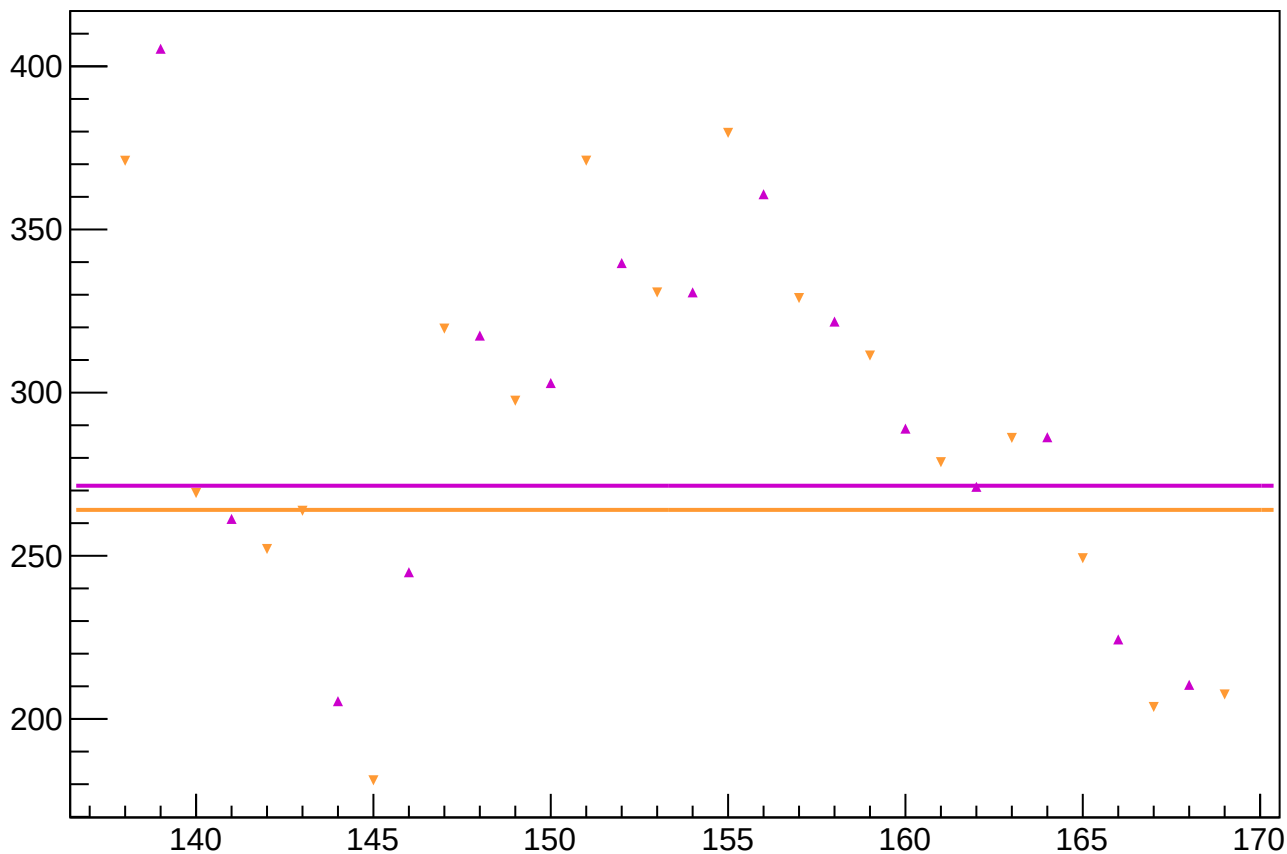
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.131+/-80.685 χ^2/NDF :12.2/14

Out: -451.866+/-75.661 χ^2/NDF :33.4/16

All: -256.408+/-55.191 χ^2/NDF : 59.9/31

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 264.067+/-0.054 χ^2/NDF :1222760.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 271.471+/-0.057 χ^2/NDF :874562.0/14

Left: 267.531+/-0.039 χ^2/NDF : 2106285.3/31

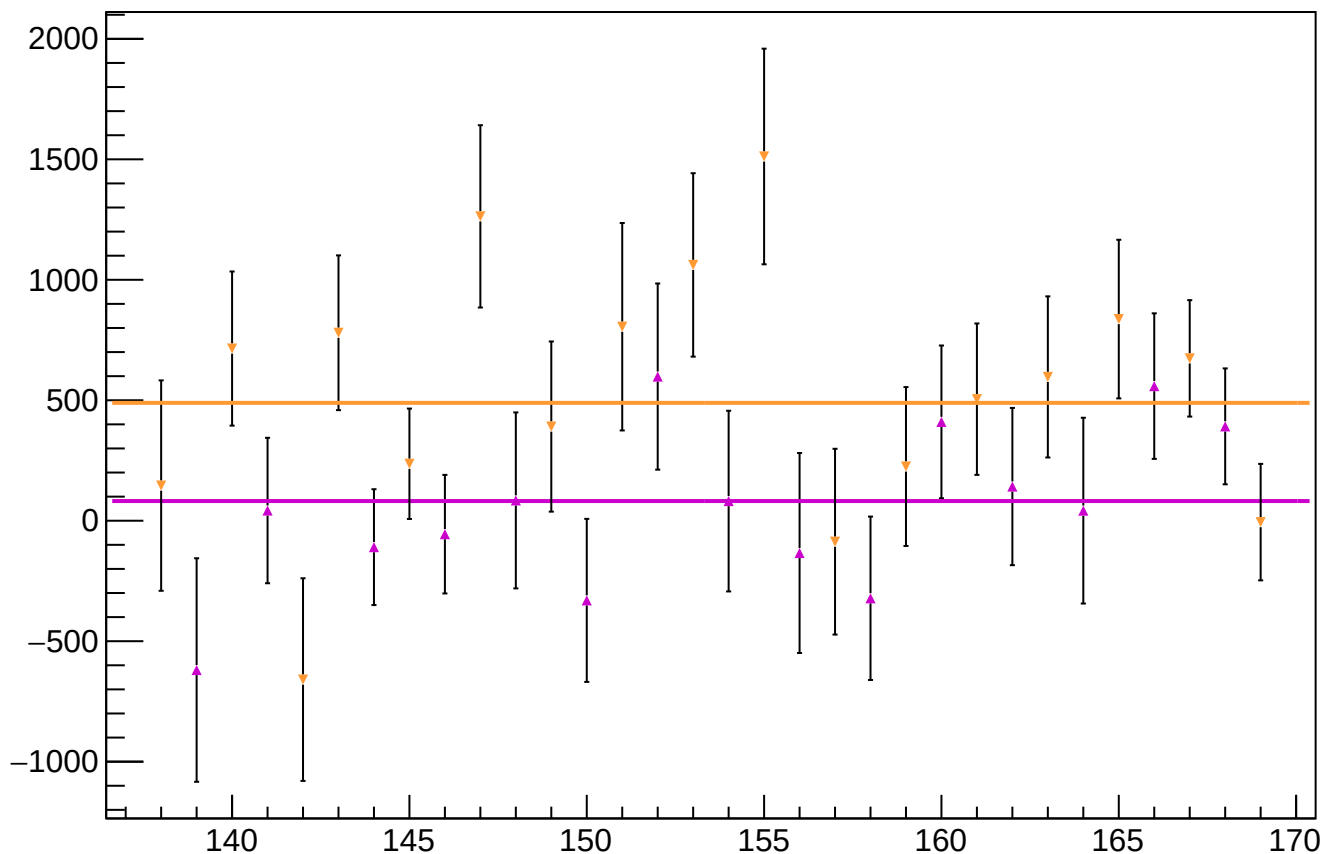
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.471+/-0.057 χ^2/NDF :874562.0/14

Out: 264.067+/-0.054 χ^2/NDF :1222760.5/16

All: 267.531+/-0.039 χ^2/NDF : 2106285.3/31

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 489.246+/-79.011 χ^2/NDF :31.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 81.669+/-82.114 χ^2/NDF :13.5/14

Left: 293.302+/-56.935 χ^2/NDF : 58.0/31

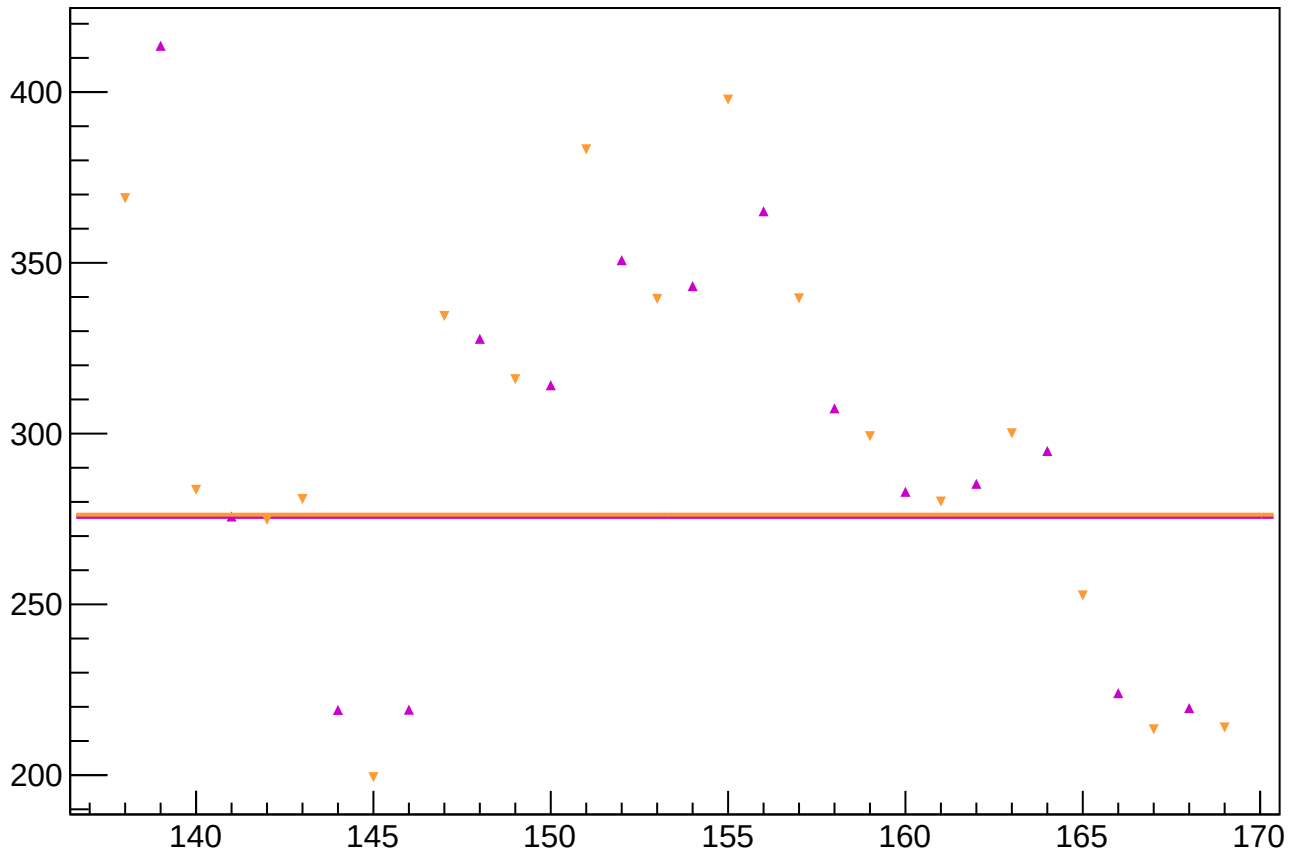
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.669+/-82.114 χ^2/NDF :13.5/14

Out: 489.246+/-79.011 χ^2/NDF :31.8/16

All: 293.302+/-56.935 χ^2/NDF : 58.0/31

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 276.261+/-0.056 χ^2/NDF :1067913.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 275.626+/-0.058 χ^2/NDF :885183.6/14

Left: 275.956+/-0.040 χ^2/NDF : 1953159.7/31

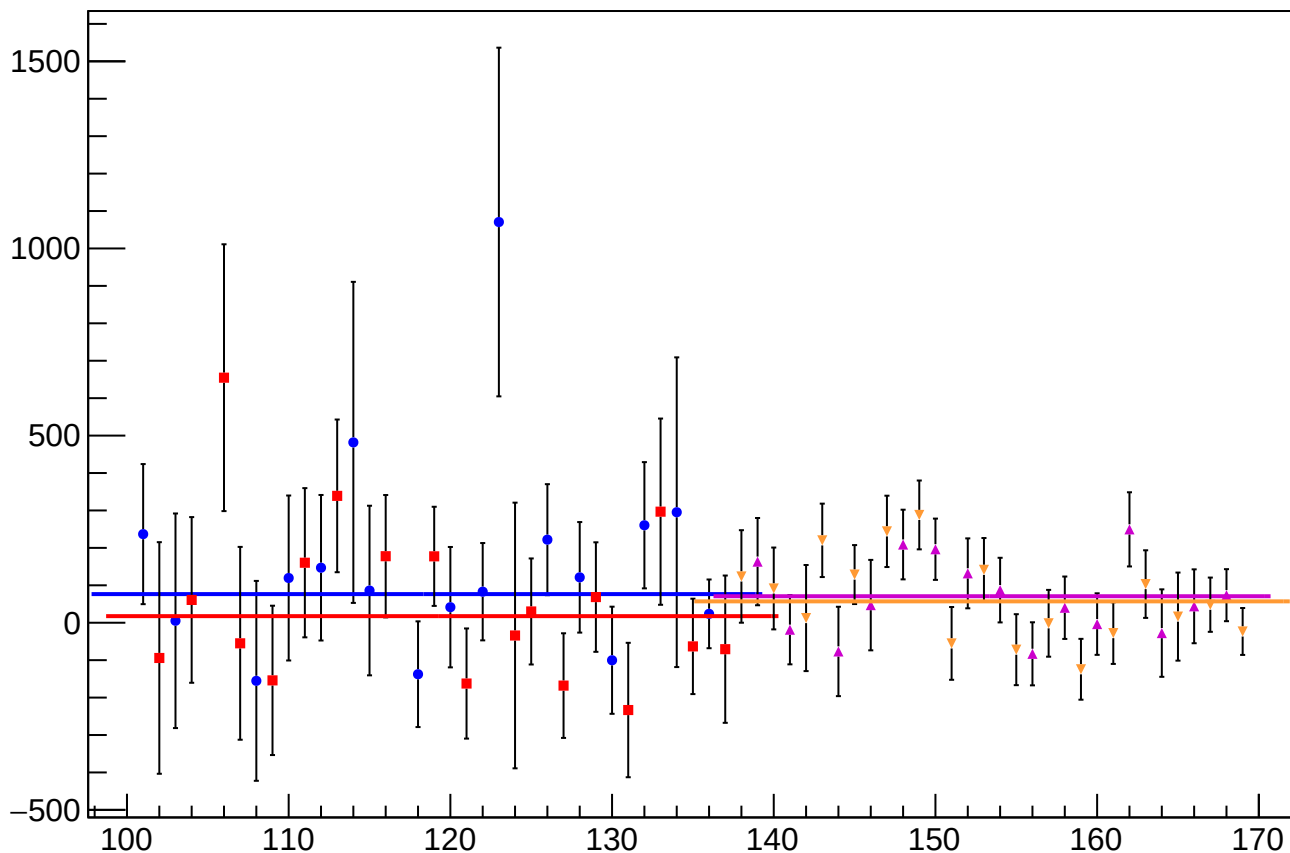
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.626+/-0.058 χ^2/NDF :885183.6/14

Out: 276.261+/-0.056 χ^2/NDF :1067913.9/16

All: 275.956+/-0.040 χ^2/NDF : 1953159.7/31

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 ± 41.558 $\chi^2/\text{NDF}: 13.9/16$

Left Out: 57.116 ± 21.759 $\chi^2/\text{NDF}: 26.9/16$

Right Out: 17.605 ± 42.297 $\chi^2/\text{NDF}: 16.8/17$

Left In: 70.804 ± 23.838 $\chi^2/\text{NDF}: 16.5/14$

Left: 63.338 ± 16.071 $\chi^2/\text{NDF}: 43.6/31$

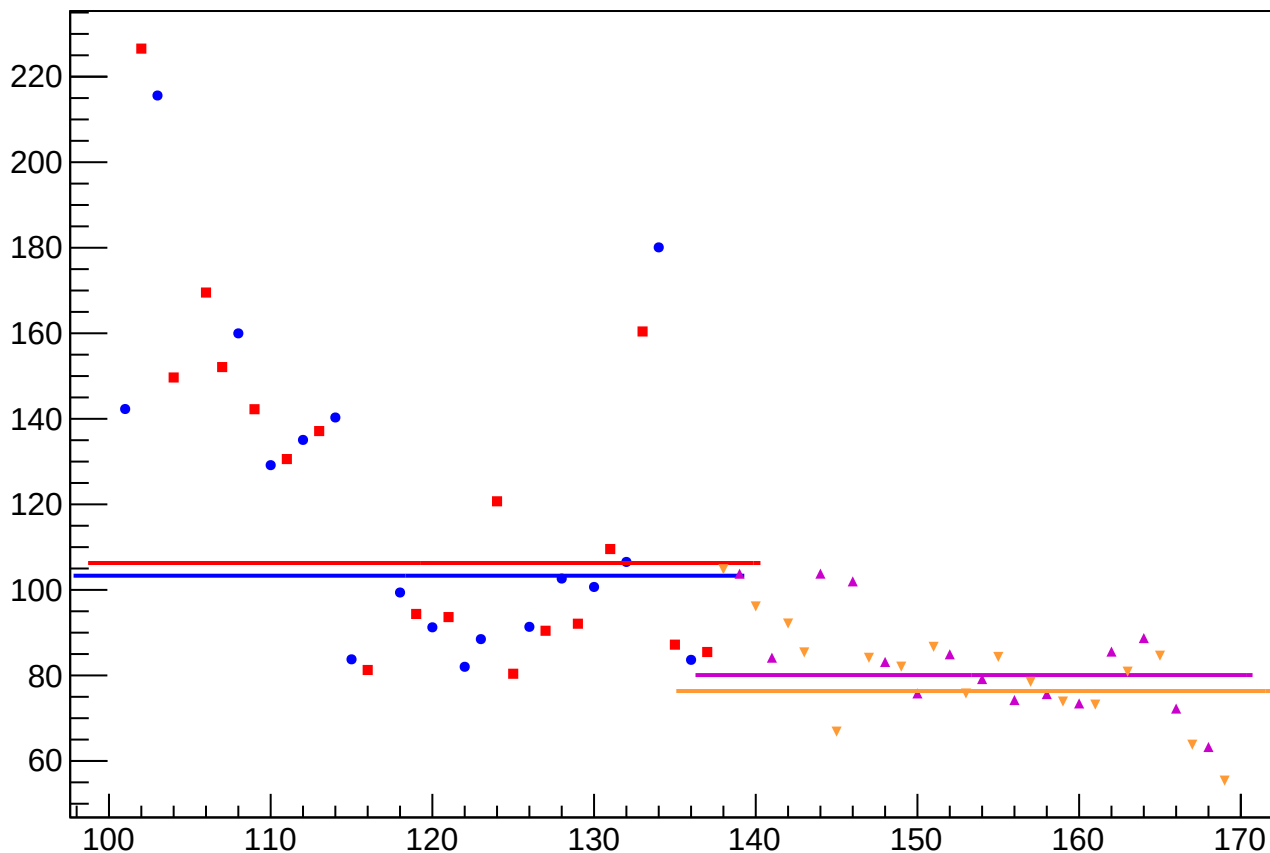
Right: 47.573 ± 29.644 $\chi^2/\text{NDF}: 31.7/34$

In: 72.215 ± 20.678 $\chi^2/\text{NDF}: 30.4/31$

Out: 48.848 ± 19.349 $\chi^2/\text{NDF}: 44.4/34$

All: 59.757 ± 14.128 $\chi^2/\text{NDF}: 75.5/66$

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: 76.352 $\pm$ 0.015 χ^2 /NDF: 604453.5/16

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 80.083 $\pm$ 0.017 χ^2 /NDF: 419566.9/14

Left: 78.048 $\pm$ 0.011 χ^2 /NDF: 1050749.3/31

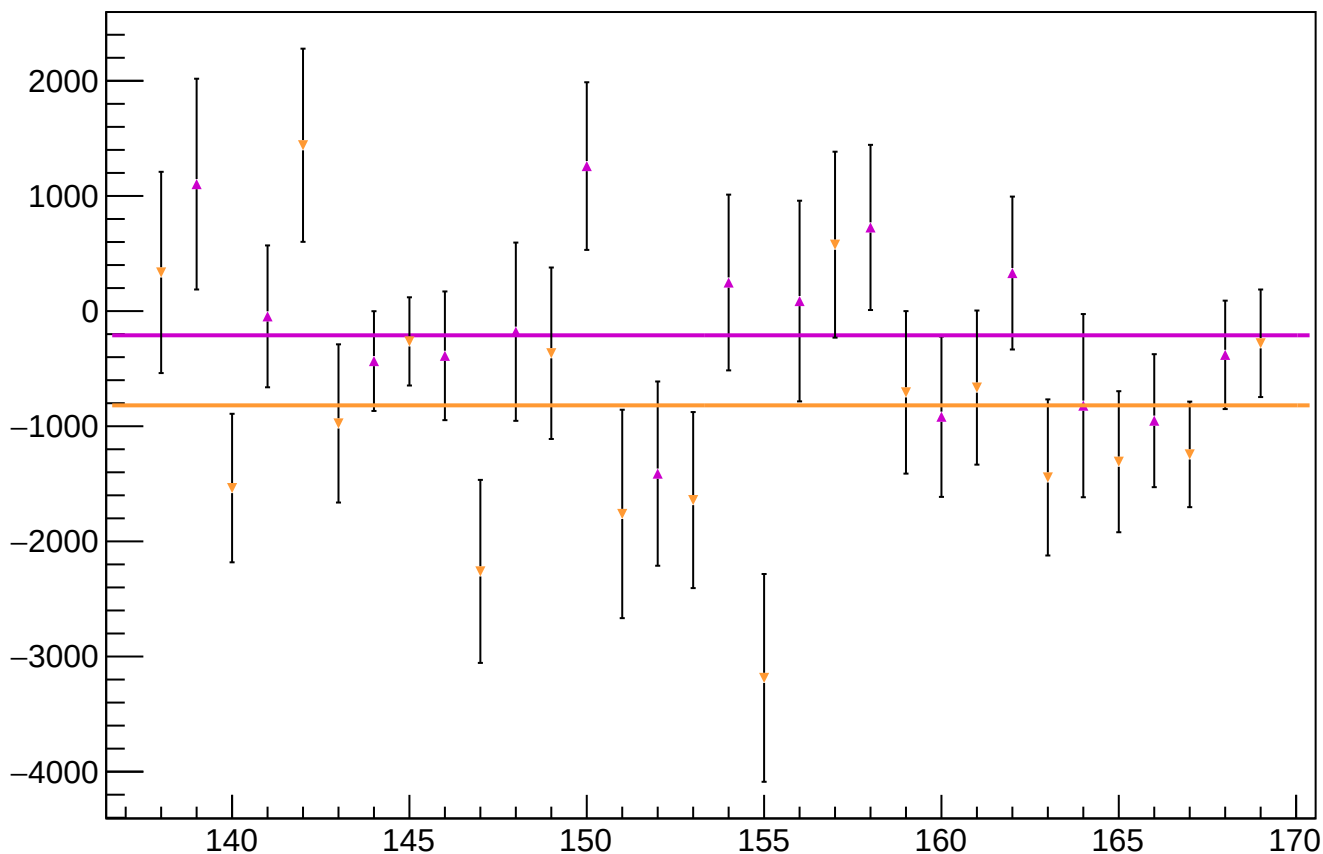
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 85.835 $\pm$ 0.015 χ^2 /NDF: 1727767.4/31

Out: 82.616 $\pm$ 0.014 χ^2 /NDF: 2397390.8/34

All: 84.119 $\pm$ 0.010 χ^2 /NDF: 4150997.3/66

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -818.577+/-155.090 χ^2/NDF :31.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -210.179+/-166.958 χ^2/NDF :15.1/14

Left: -536.767+/-113.629 χ^2/NDF : 54.1/31

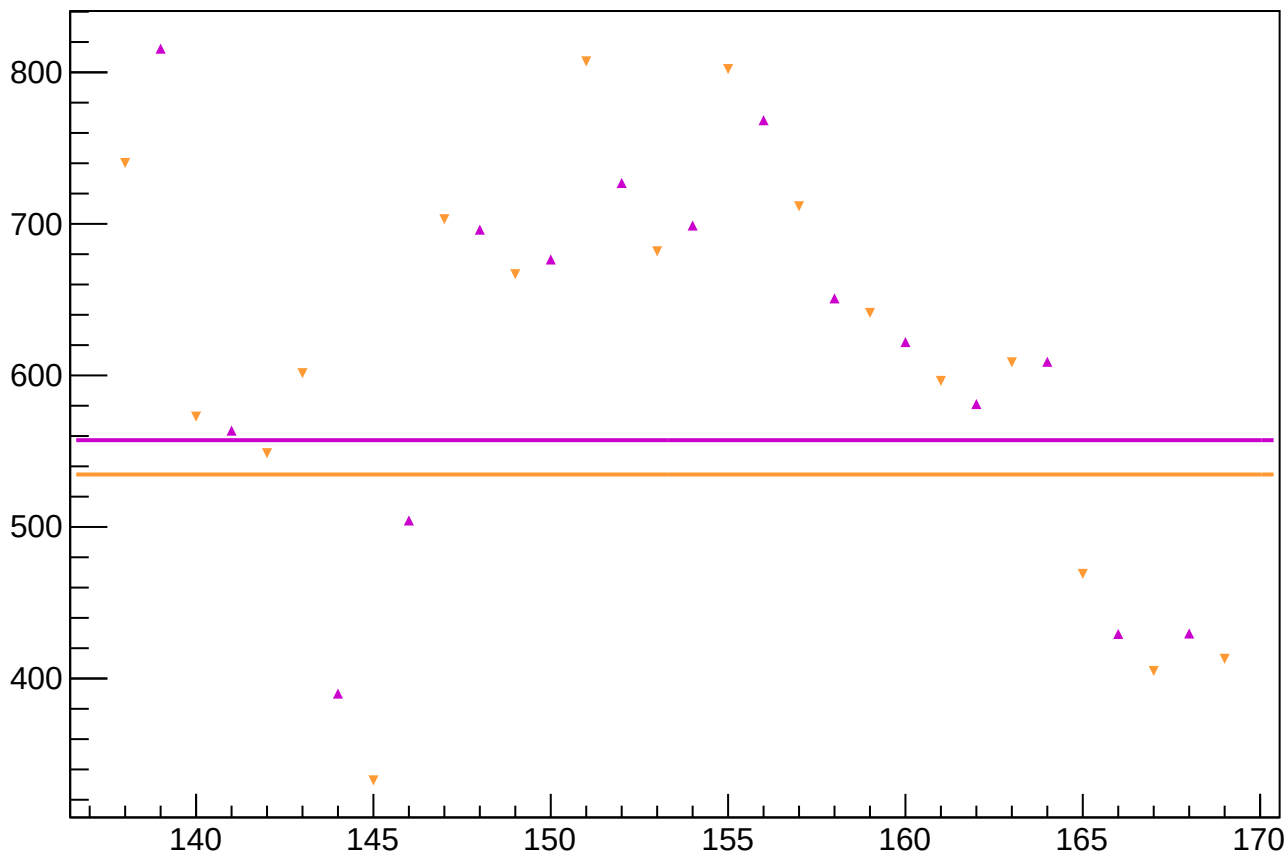
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -210.179+/-166.958 χ^2/NDF :15.1/14

Out: -818.577+/-155.090 χ^2/NDF :31.9/16

All: -536.767+/-113.629 χ^2/NDF : 54.1/31

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 534.625+/-0.110 χ^2/NDF :1777989.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 557.263+/-0.118 χ^2/NDF :1177159.5/14

Left: 545.111+/-0.080 χ^2/NDF : 2974888.6/31

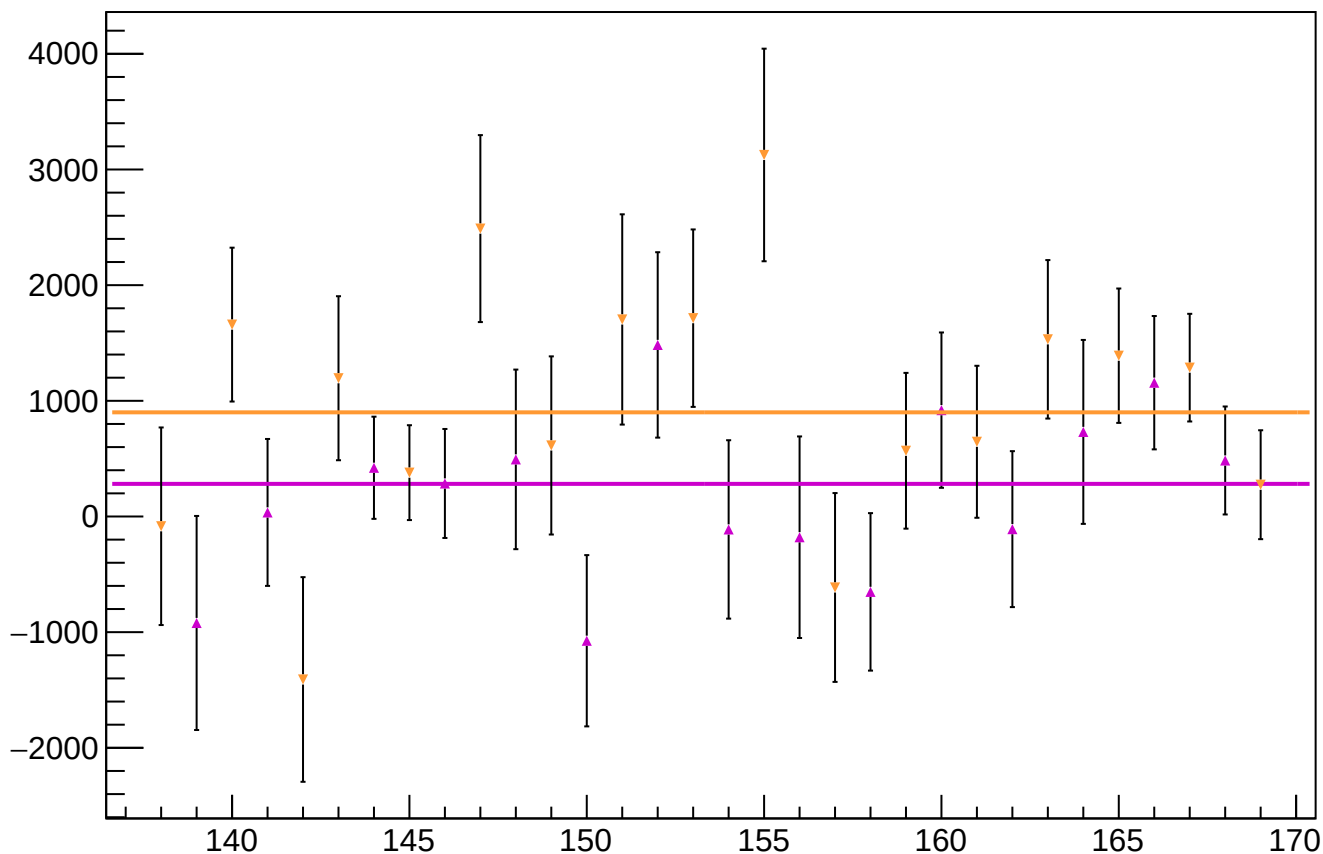
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 557.263+/-0.118 χ^2/NDF :1177159.5/14

Out: 534.625+/-0.110 χ^2/NDF :1777989.5/16

All: 545.111+/-0.080 χ^2/NDF : 2974888.6/31

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 900.481+/-157.321 χ^2/NDF :30.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 282.013+/-164.234 χ^2/NDF :14.1/14

Left: 604.538+/-113.608 χ^2/NDF : 52.3/31

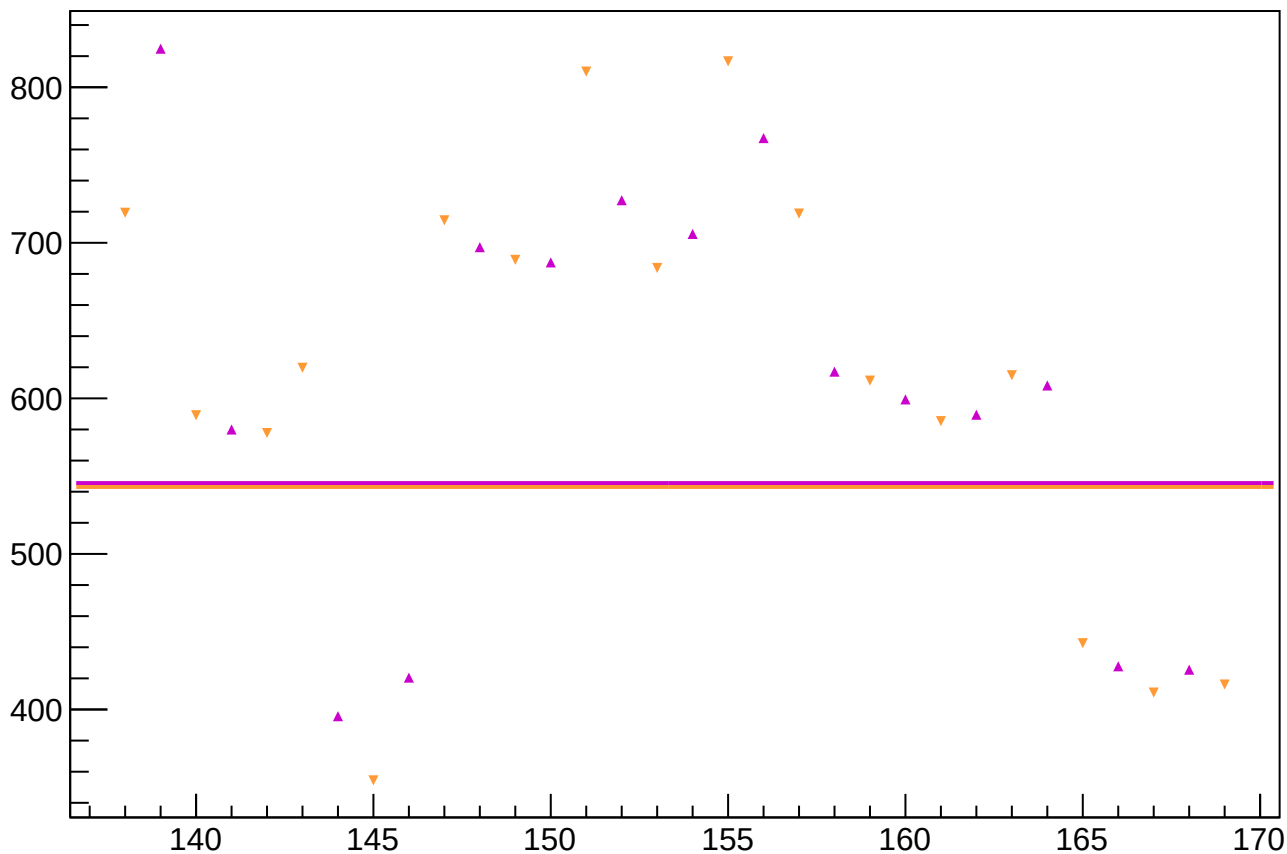
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 282.013+/-164.234 χ^2/NDF :14.1/14

Out: 900.481+/-157.321 χ^2/NDF :30.9/16

All: 604.538+/-113.608 χ^2/NDF : 52.3/31

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 543.054+/-0.111 χ^2/NDF :1633798.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 545.537+/-0.116 χ^2/NDF :1299332.1/14

Left: 544.242+/-0.080 χ^2/NDF : 2933369.1/31

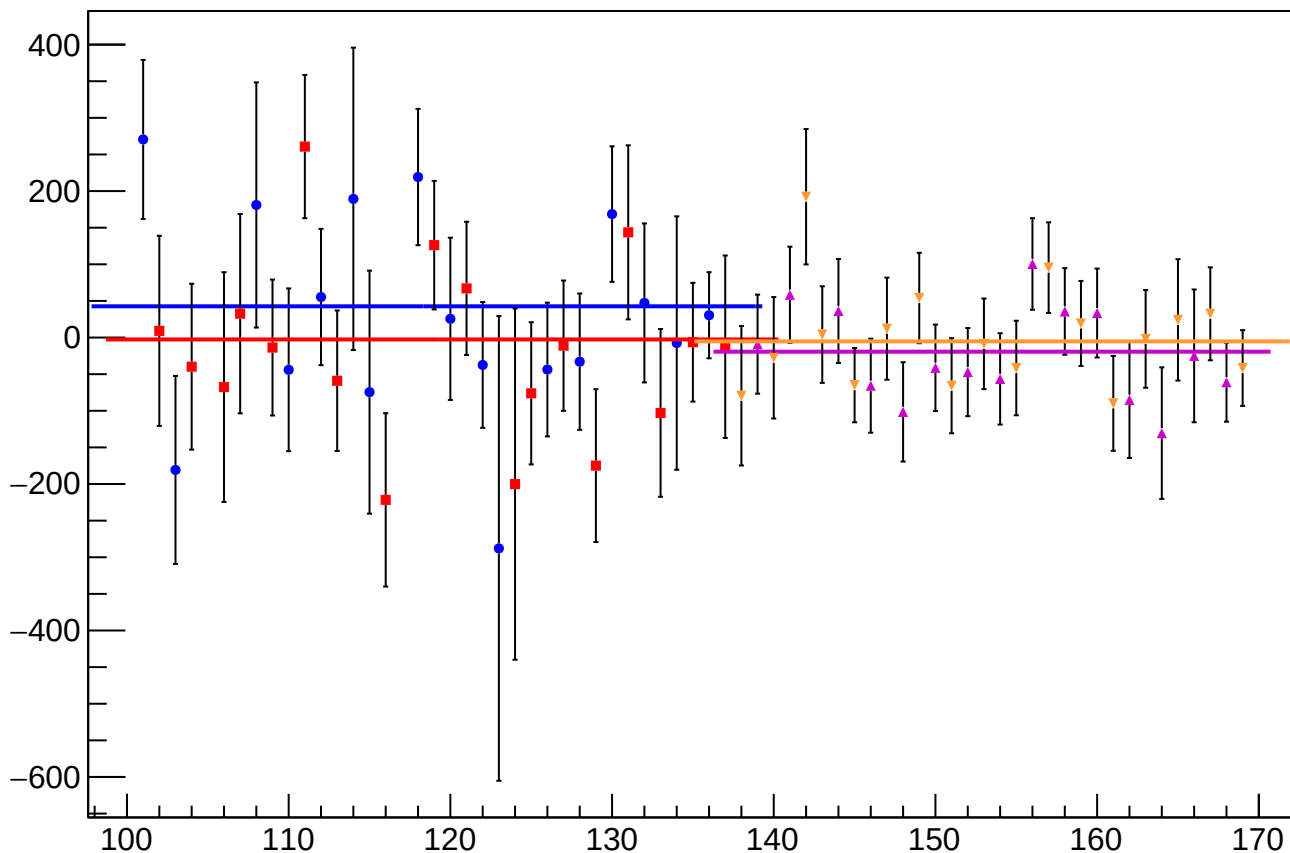
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 545.537+/-0.116 χ^2/NDF :1299332.1/14

Out: 543.054+/-0.111 χ^2/NDF :1633798.8/16

All: 544.242+/-0.080 χ^2/NDF : 2933369.1/31

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: -5.259+/-15.836 χ^2/NDF : 14.3/16

Right Out: -2.576+/-25.088 χ^2/NDF : 20.4/17

Left In: -19.294+/-16.925 χ^2/NDF : 12.8/14

Left: -11.811+/-11.564 χ^2/NDF : 27.6/31

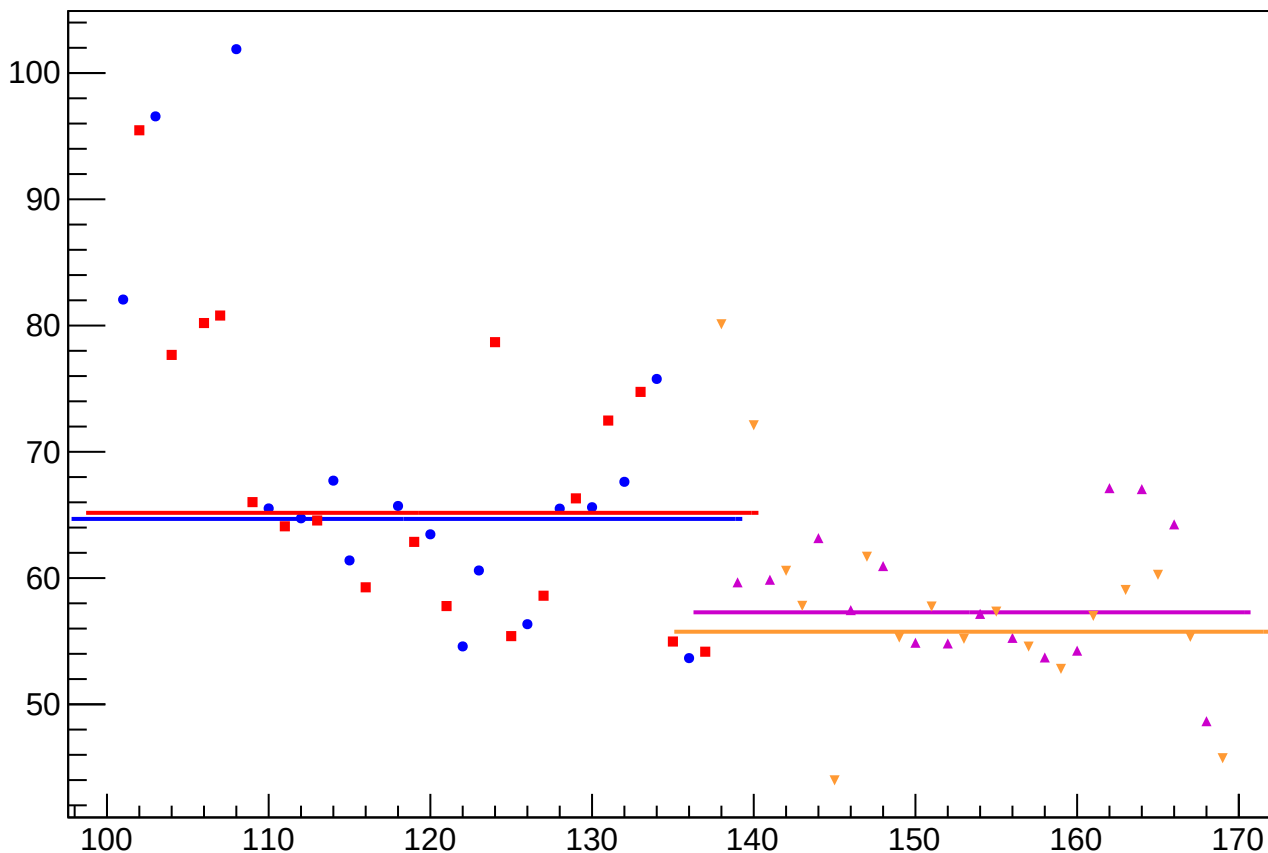
Right: 19.683+/-17.879 χ^2/NDF : 40.9/34

In: -0.334+/-14.099 χ^2/NDF : 35.8/31

Out: -4.495+/-13.392 χ^2/NDF : 34.8/34

All: -2.522+/-9.710 χ^2/NDF : 70.6/66

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: 55.751 $\pm$ 0.011 χ^2 /NDF: 434236.6/16

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.288 $\pm$ 0.012 χ^2 /NDF: 163563.4/14

Left: 56.468 $\pm$ 0.008 χ^2 /NDF: 606591.4/31

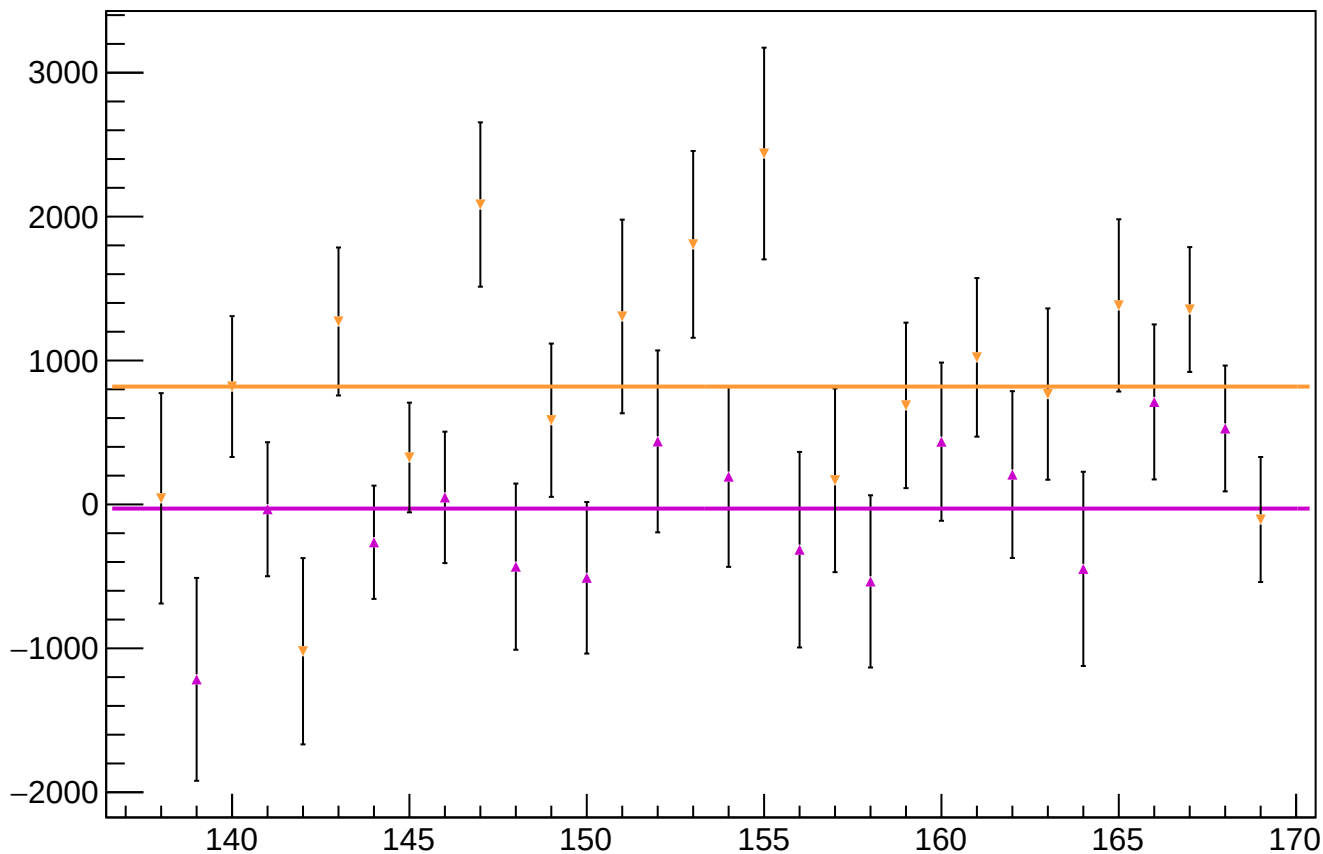
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.552 $\pm$ 0.010 χ^2 /NDF: 680691.0/31

Out: 58.434 $\pm$ 0.009 χ^2 /NDF: 940289.5/34

All: 58.964 $\pm$ 0.007 χ^2 /NDF: 1627590.7/66

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: 818.935+/-132.308 χ^2/NDF :32.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.838+/-139.145 χ^2/NDF :10.9/14

Left: 416.387+/-95.882 χ^2/NDF : 63.0/31

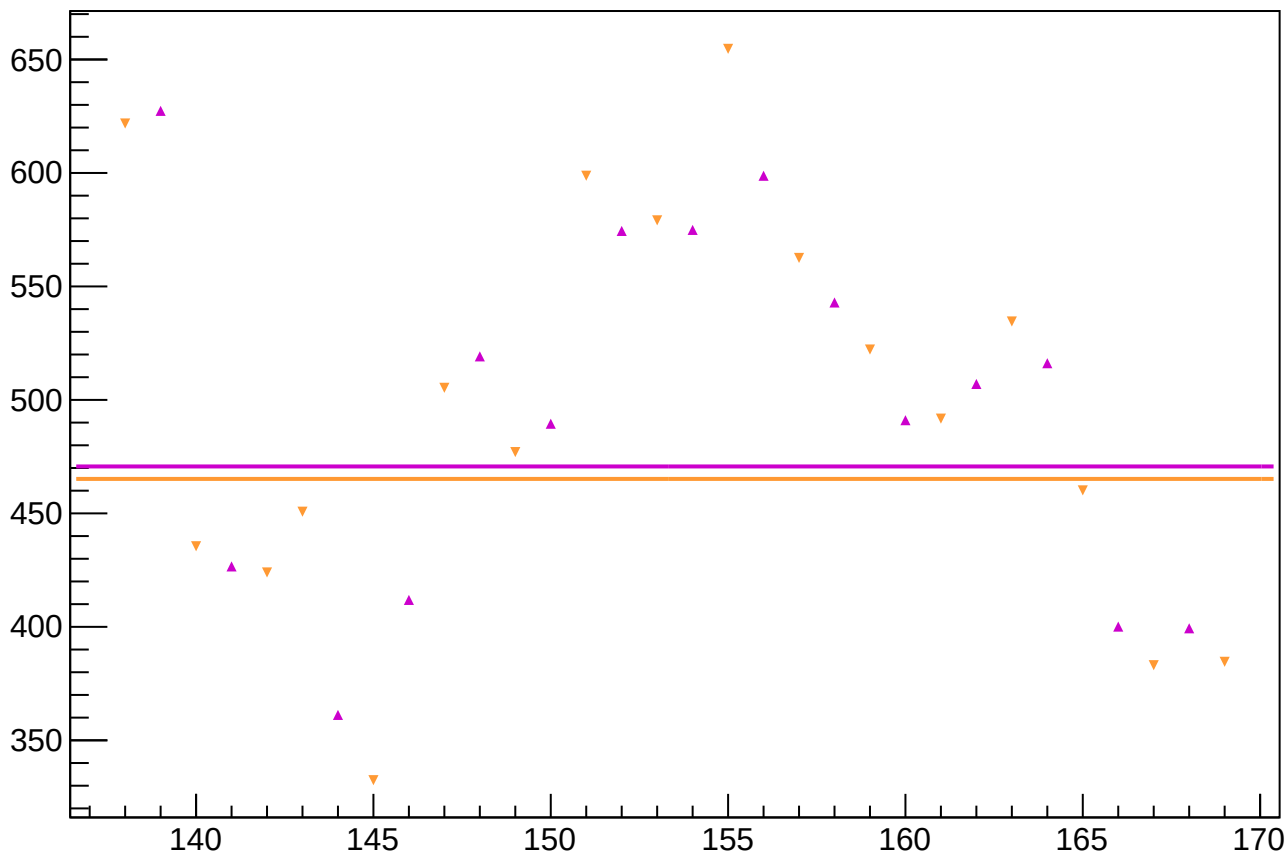
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.838+/-139.145 χ^2/NDF :10.9/14

Out: 818.935+/-132.308 χ^2/NDF :32.6/16

All: 416.387+/-95.882 χ^2/NDF : 63.0/31

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: 465.187+/-0.094 χ^2/NDF : 874306.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 470.679+/-0.098 χ^2/NDF : 638013.6/14

Left: 467.794+/-0.068 χ^2/NDF : 1513956.4/31

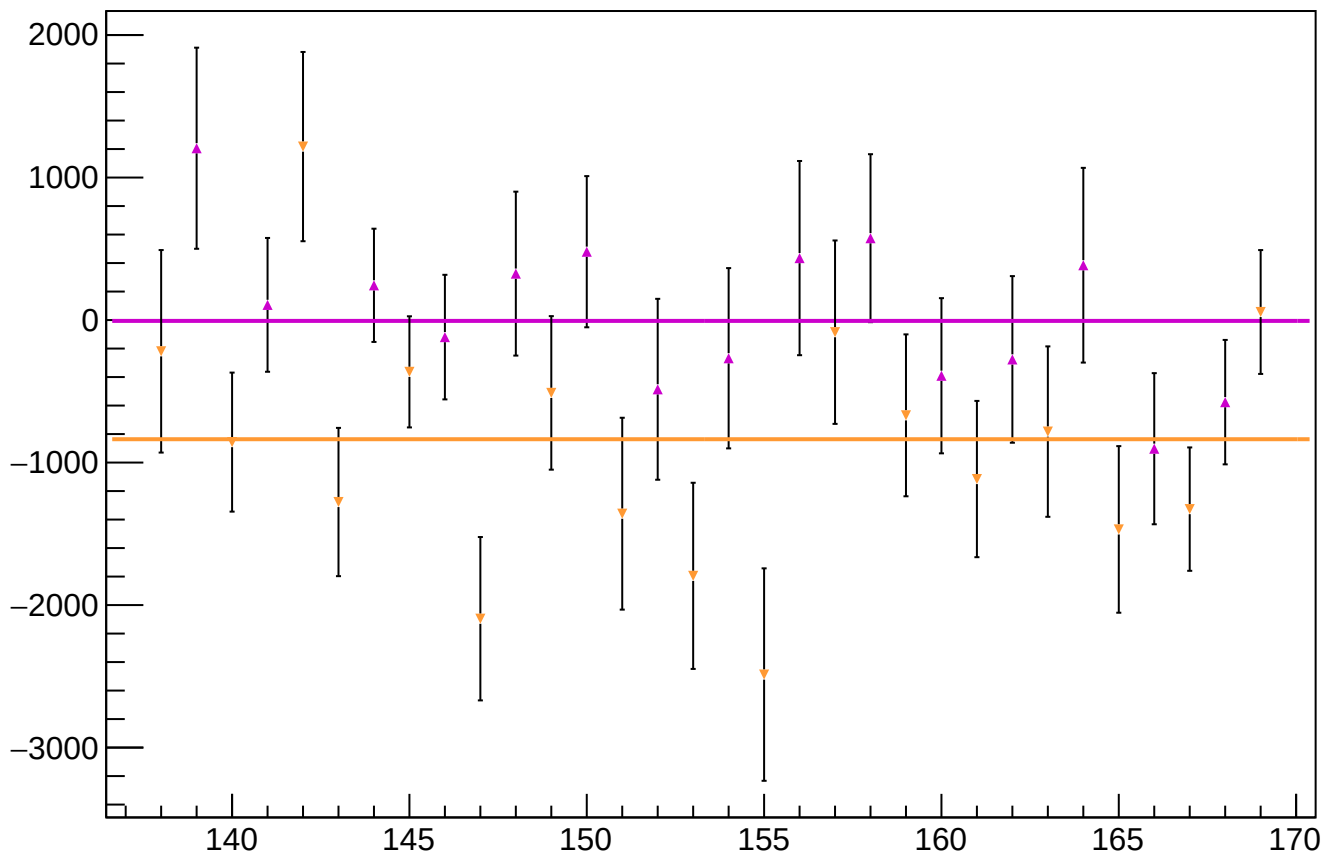
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 470.679+/-0.098 χ^2/NDF : 638013.6/14

Out: 465.187+/-0.094 χ^2/NDF : 874306.5/16

All: 467.794+/-0.068 χ^2/NDF : 1513956.4/31

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: -836.220 $\pm$ 132.737 χ^2 /NDF:33.8/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -5.905 $\pm$ 138.743 χ^2 /NDF:12.4/14

Left: -439.424 $\pm$ 95.912 χ^2 /NDF: 64.8/31

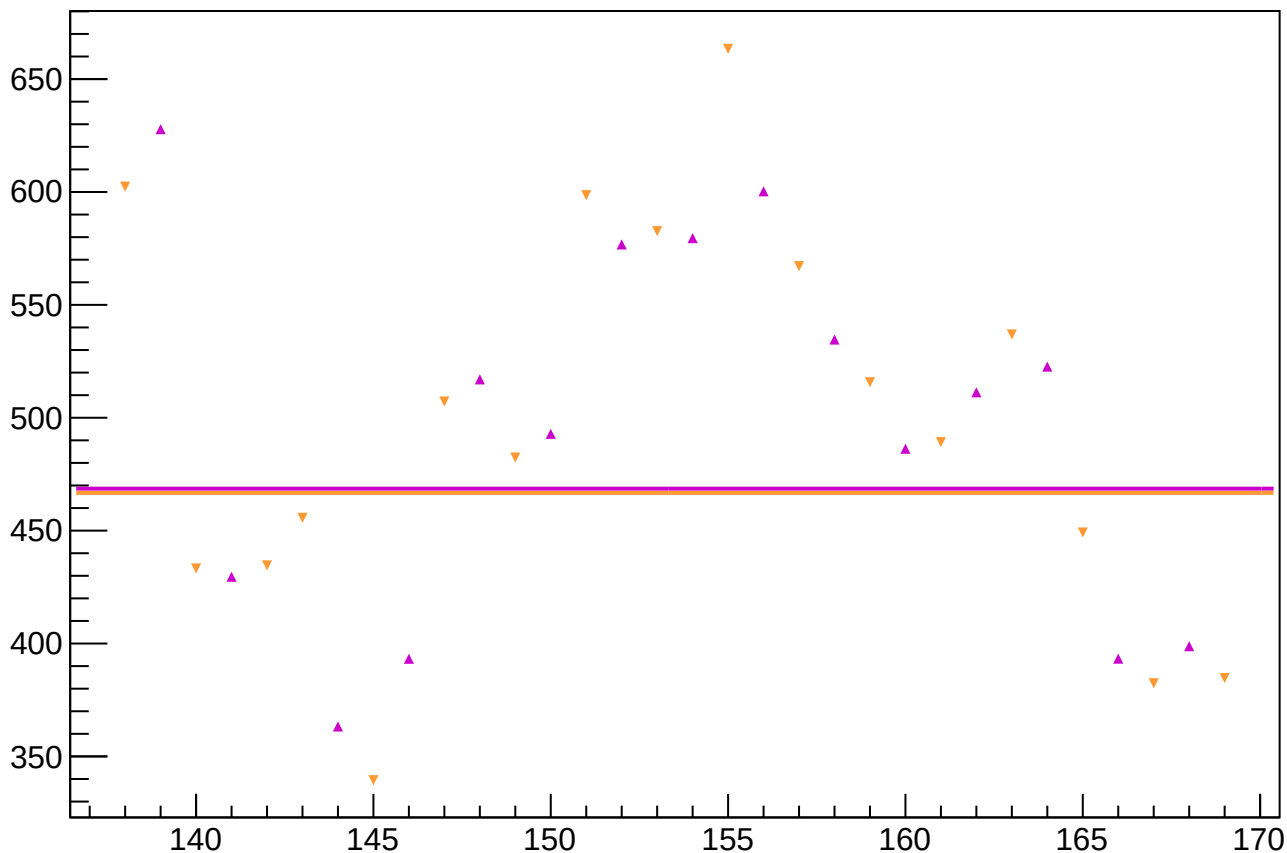
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.905 $\pm$ 138.743 χ^2 /NDF:12.4/14

Out: -836.220 $\pm$ 132.737 χ^2 /NDF:33.8/16

All: -439.424 $\pm$ 95.912 χ^2 /NDF: 64.8/31

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 466.732+/-0.094 χ^2/NDF : 834941.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 468.599+/-0.098 χ^2/NDF : 670210.0/14

Left: 467.624+/-0.068 χ^2/NDF : 1505340.4/31

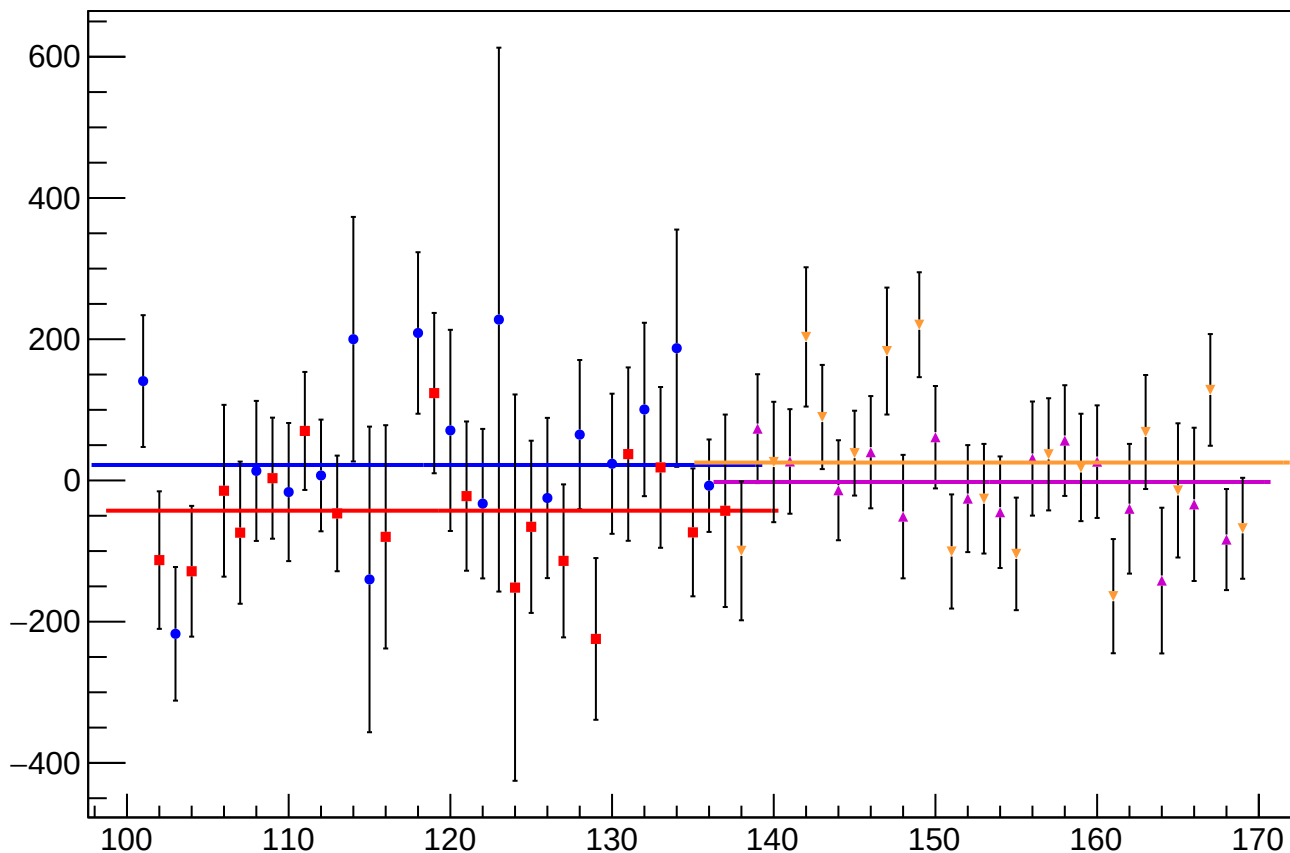
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 468.599+/-0.098 χ^2/NDF : 670210.0/14

Out: 466.732+/-0.094 χ^2/NDF : 834941.2/16

All: 467.624+/-0.068 χ^2/NDF : 1505340.4/31

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 25.346 ± 19.281 $\chi^2/\text{NDF}: 30.5/16$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: -2.179 ± 20.719 $\chi^2/\text{NDF}: 7.1/14$

Left: 12.572 ± 14.115 $\chi^2/\text{NDF}: 38.6/31$

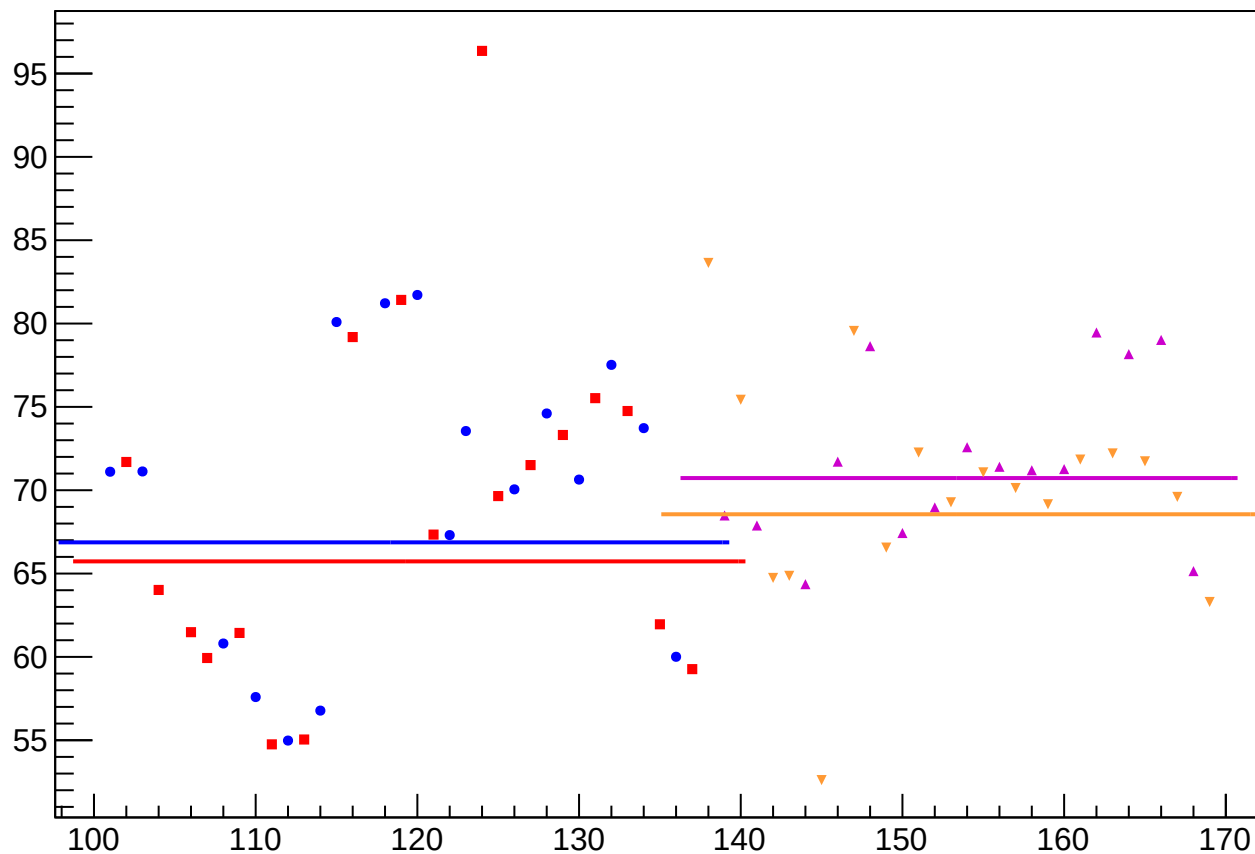
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 7.152 ± 16.217 $\chi^2/\text{NDF}: 22.7/31$

Out: 0.071 ± 15.294 $\chi^2/\text{NDF}: 45.0/34$

All: 3.405 ± 11.126 $\chi^2/\text{NDF}: 67.9/66$

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: 68.557 $\pm$ 0.014 χ^2/NDF : 268445.4/16

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 70.730 $\pm$ 0.015 χ^2/NDF : 96414.2/14

Left: 69.566 $\pm$ 0.010 χ^2/NDF : 376644.8/31

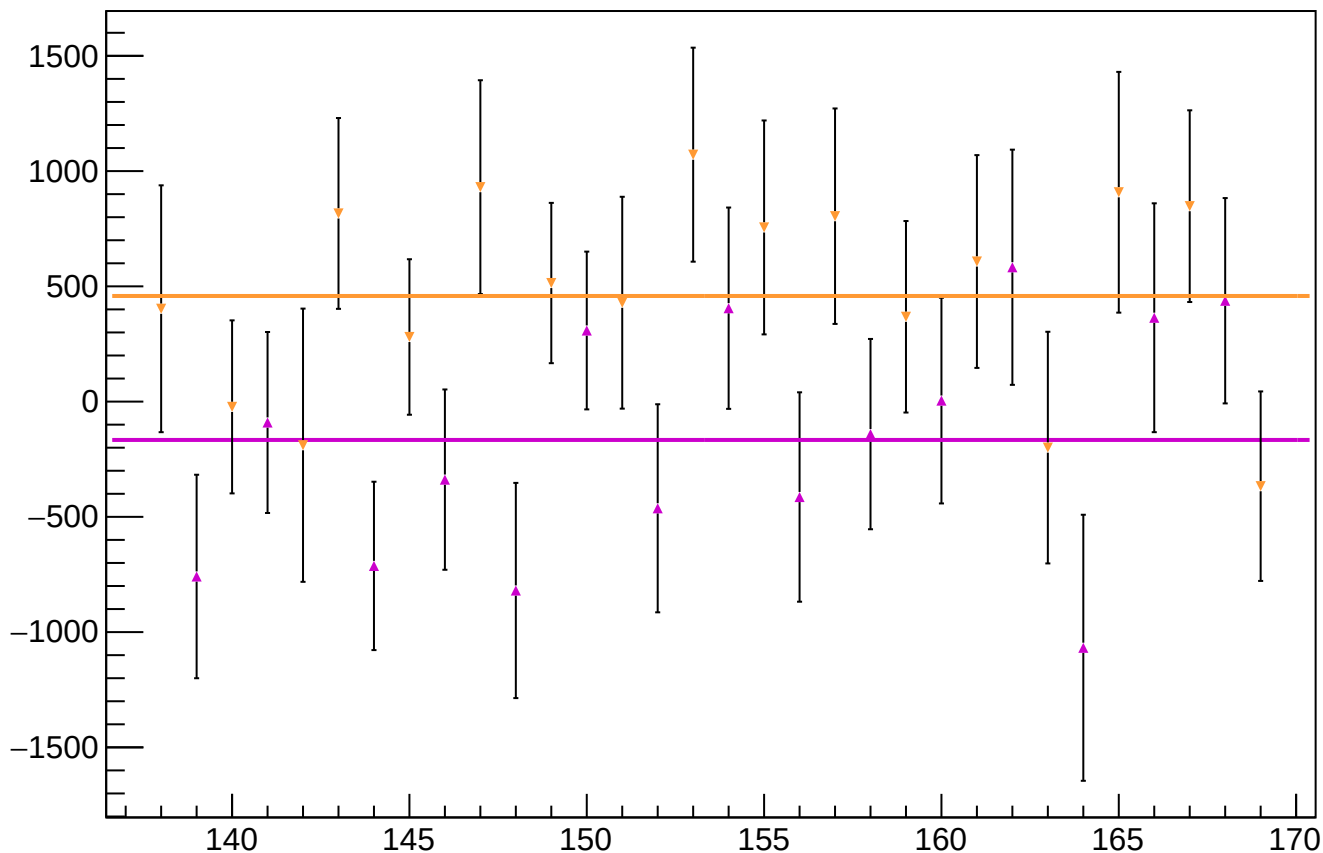
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 69.235 $\pm$ 0.011 χ^2/NDF : 325790.6/31

Out: 67.509 $\pm$ 0.011 χ^2/NDF : 503253.2/34

All: 68.322 $\pm$ 0.008 χ^2/NDF : 841038.7/66

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: 458.216+/-105.769 χ^2/NDF :15.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -166.363+/-111.376 χ^2/NDF :18.3/14

Left: 162.044+/-76.695 χ^2/NDF : 50.0/31

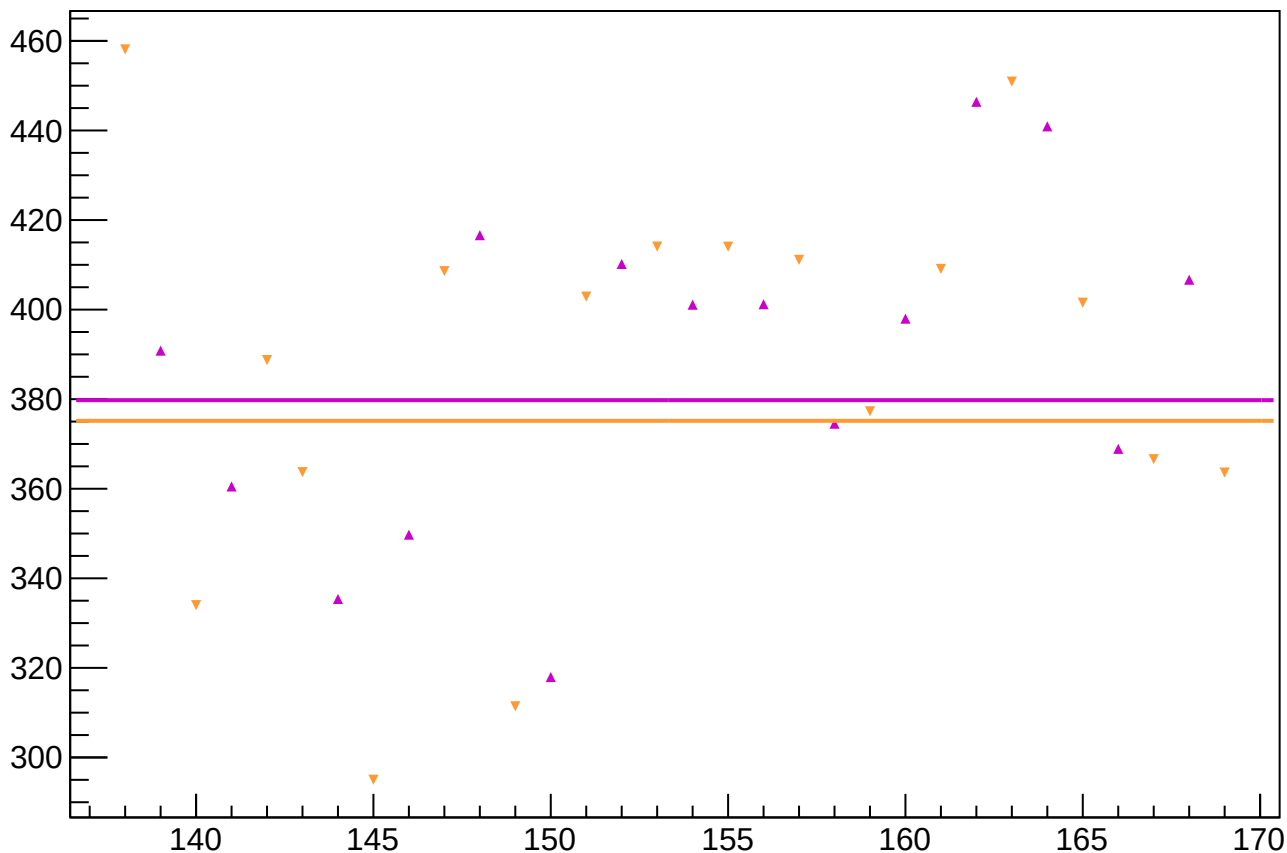
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -166.363+/-111.376 χ^2/NDF :18.3/14

Out: 458.216+/-105.769 χ^2/NDF :15.2/16

All: 162.044+/-76.695 χ^2/NDF : 50.0/31

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: 375.167+/-0.075 χ^2/NDF : 376133.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 379.784+/-0.079 χ^2/NDF : 211905.8/14

Left: 377.356+/-0.054 χ^2/NDF : 589847.2/31

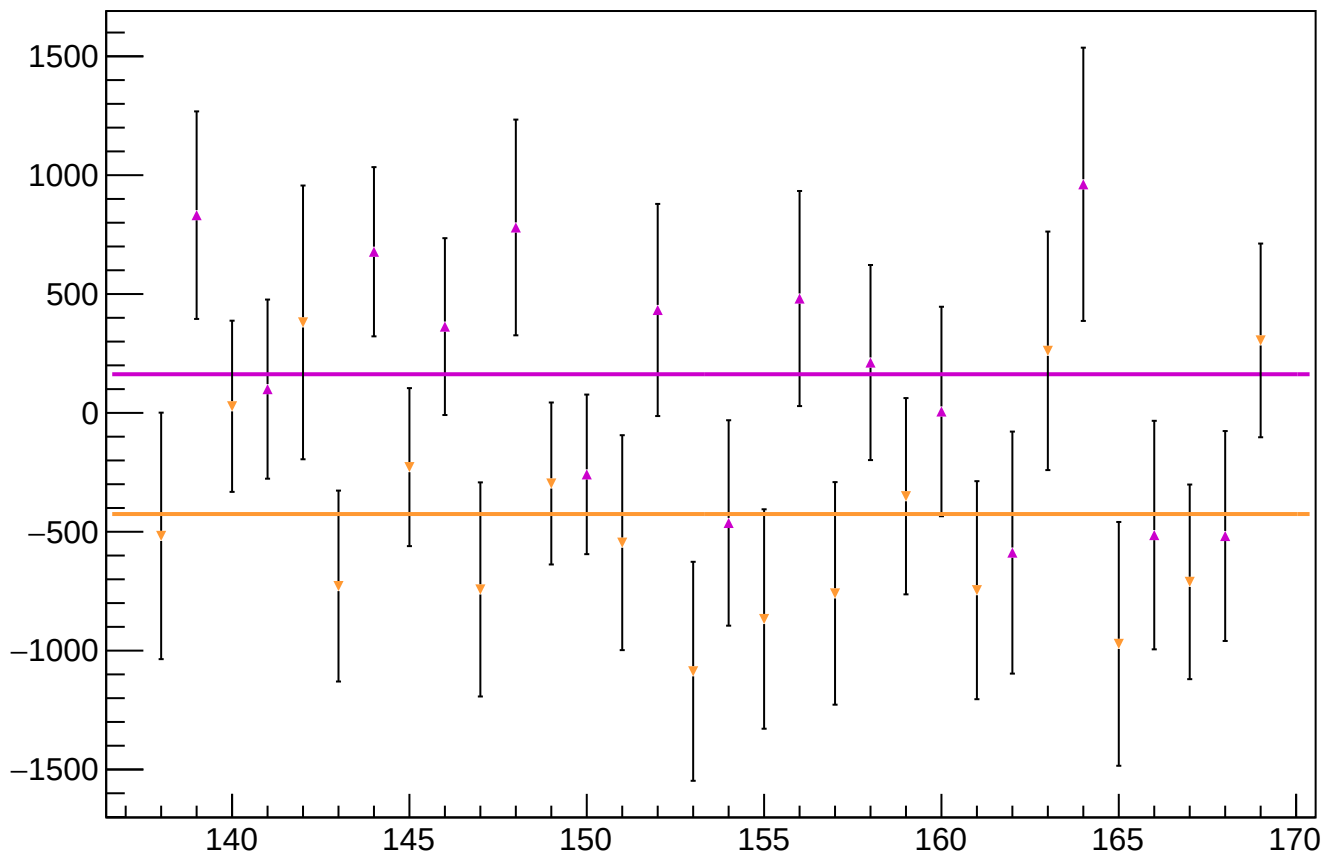
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.784+/-0.079 χ^2/NDF : 211905.8/14

Out: 375.167+/-0.075 χ^2/NDF : 376133.9/16

All: 377.356+/-0.054 χ^2/NDF : 589847.2/31

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -425.438+/-103.970 χ^2/NDF :15.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 162.636+/-109.208 χ^2/NDF :19.8/14

Left: -145.842+/-75.301 χ^2/NDF : 50.9/31

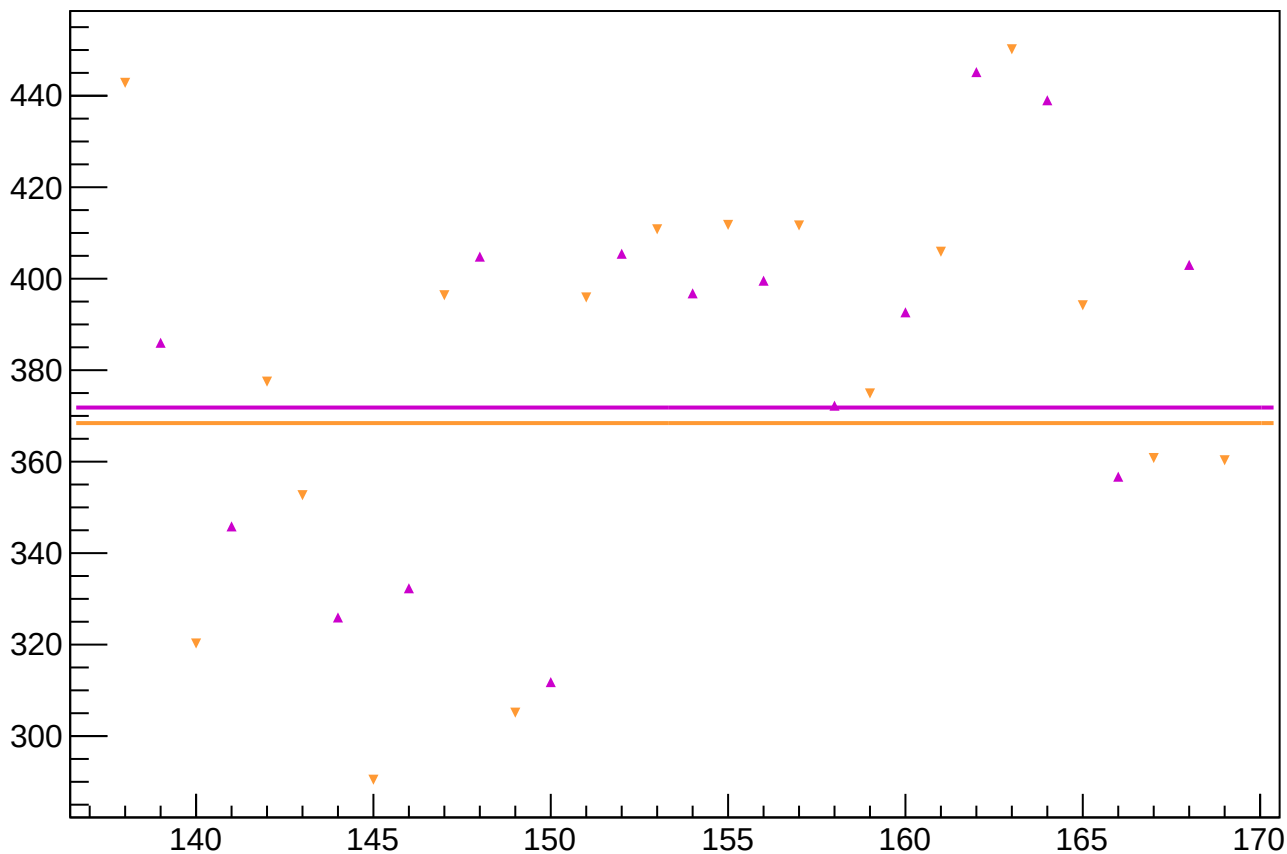
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.636+/-109.208 χ^2/NDF :19.8/14

Out: -425.438+/-103.970 χ^2/NDF :15.9/16

All: -145.842+/-75.301 χ^2/NDF : 50.9/31

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.431+/-0.074 χ^2/NDF :399893.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 371.831+/-0.077 χ^2/NDF :252822.5/14

Left: 370.048+/-0.053 χ^2/NDF : 653732.3/31

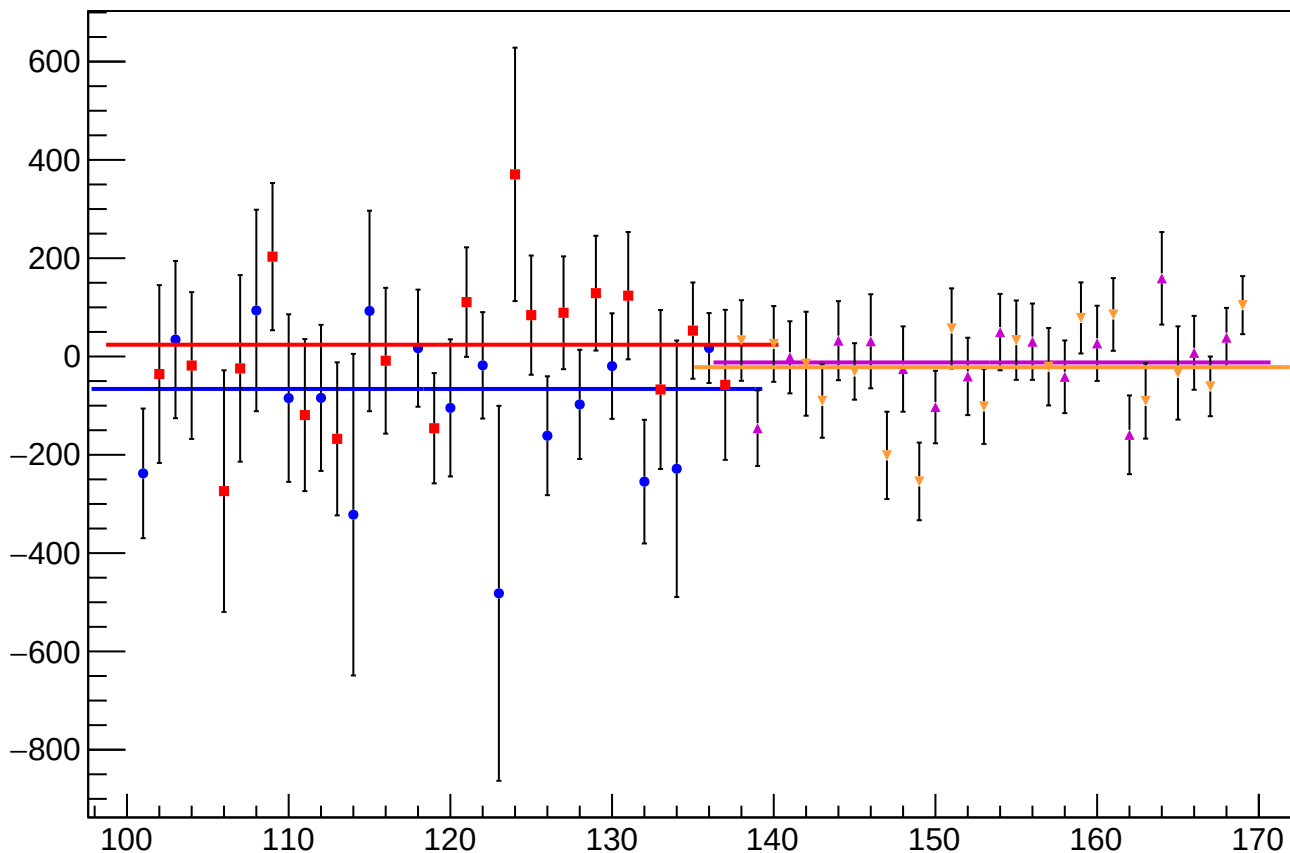
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 371.831+/-0.077 χ^2/NDF :252822.5/14

Out: 368.431+/-0.074 χ^2/NDF :399893.0/16

All: 370.048+/-0.053 χ^2/NDF : 653732.3/31

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -21.711 ± 18.185 $\chi^2/\text{NDF}: 26.7/16$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -12.081 ± 19.998 $\chi^2/\text{NDF}: 14.0/14$

Left: -17.352 ± 13.454 $\chi^2/\text{NDF}: 40.9/31$

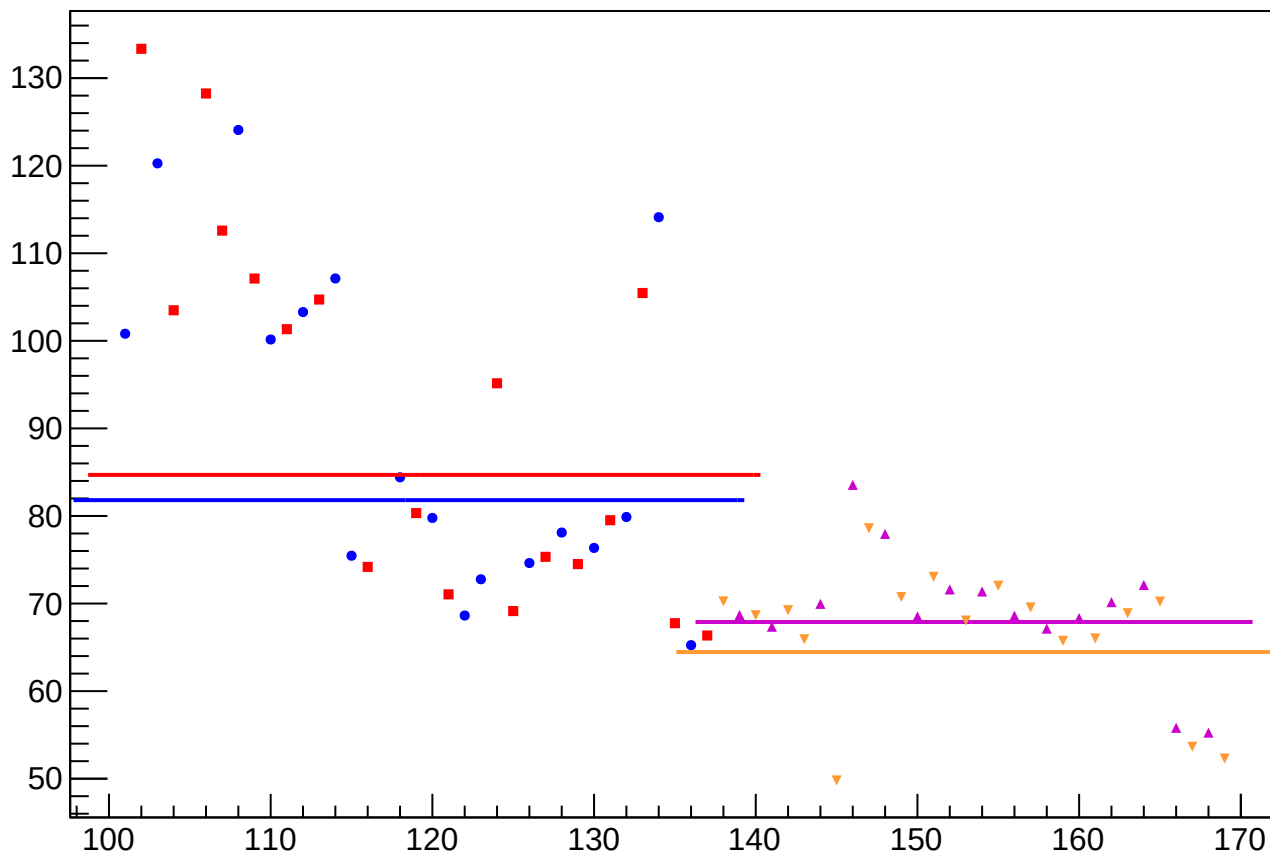
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -27.023 ± 17.001 $\chi^2/\text{NDF}: 26.8/31$

Out: -10.963 ± 15.903 $\chi^2/\text{NDF}: 41.1/34$

All: -18.458 ± 11.614 $\chi^2/\text{NDF}: 68.4/66$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 64.461+/-0.013 χ^2/NDF : 430555.1/16

Right Out: 84.691+/-0.023 χ^2/NDF : 615927.4/17

Left In: 67.891+/-0.014 χ^2/NDF : 235687.1/14

Left: 66.014+/-0.010 χ^2/NDF : 698437.5/31

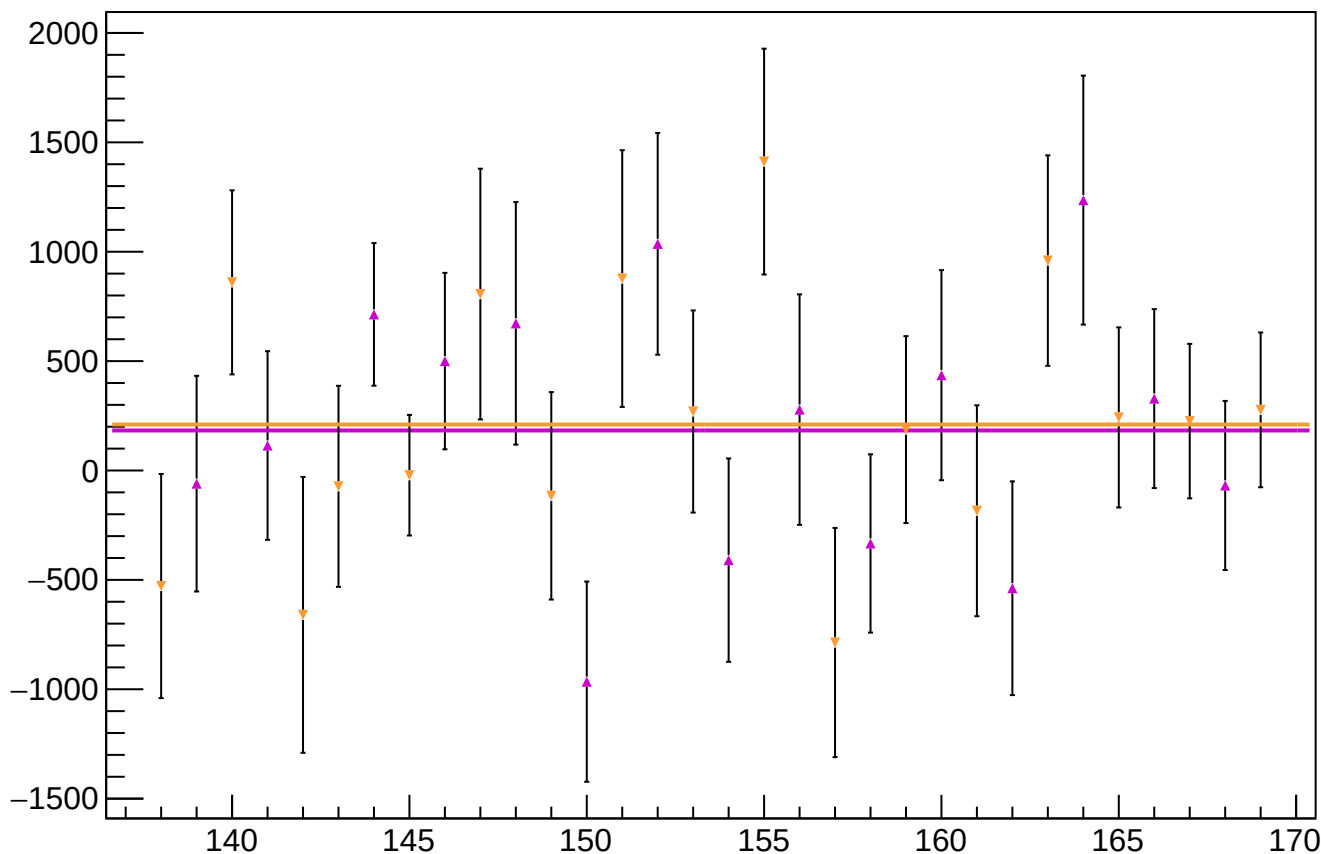
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 71.749+/-0.012 χ^2/NDF : 1011449.5/31

Out: 69.220+/-0.011 χ^2/NDF : 1628654.6/34

All: 70.400+/-0.008 χ^2/NDF : 2663716.1/66

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: 210.271+/-106.373 χ^2/NDF :22.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 183.067+/-115.071 χ^2/NDF :23.1/14

Left: 197.736+/-78.111 χ^2/NDF : 45.7/31

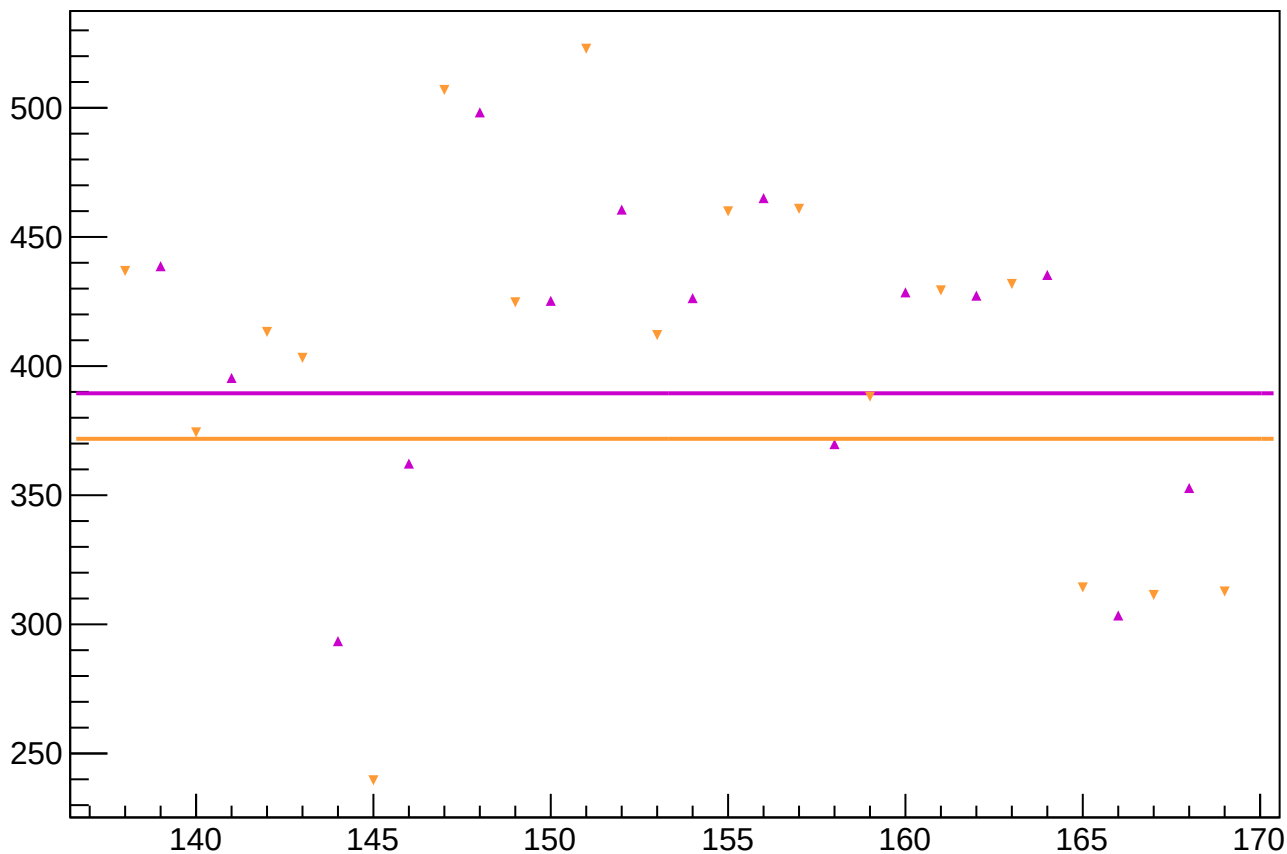
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 183.067+/-115.071 χ^2/NDF :23.1/14

Out: 210.271+/-106.373 χ^2/NDF :22.5/16

All: 197.736+/-78.111 χ^2/NDF : 45.7/31

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: 371.840+/-0.075 χ^2/NDF :1126224.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 389.467+/-0.081 χ^2/NDF :534497.1/14

Left: 379.962+/-0.055 χ^2/NDF : 1686025.4/31

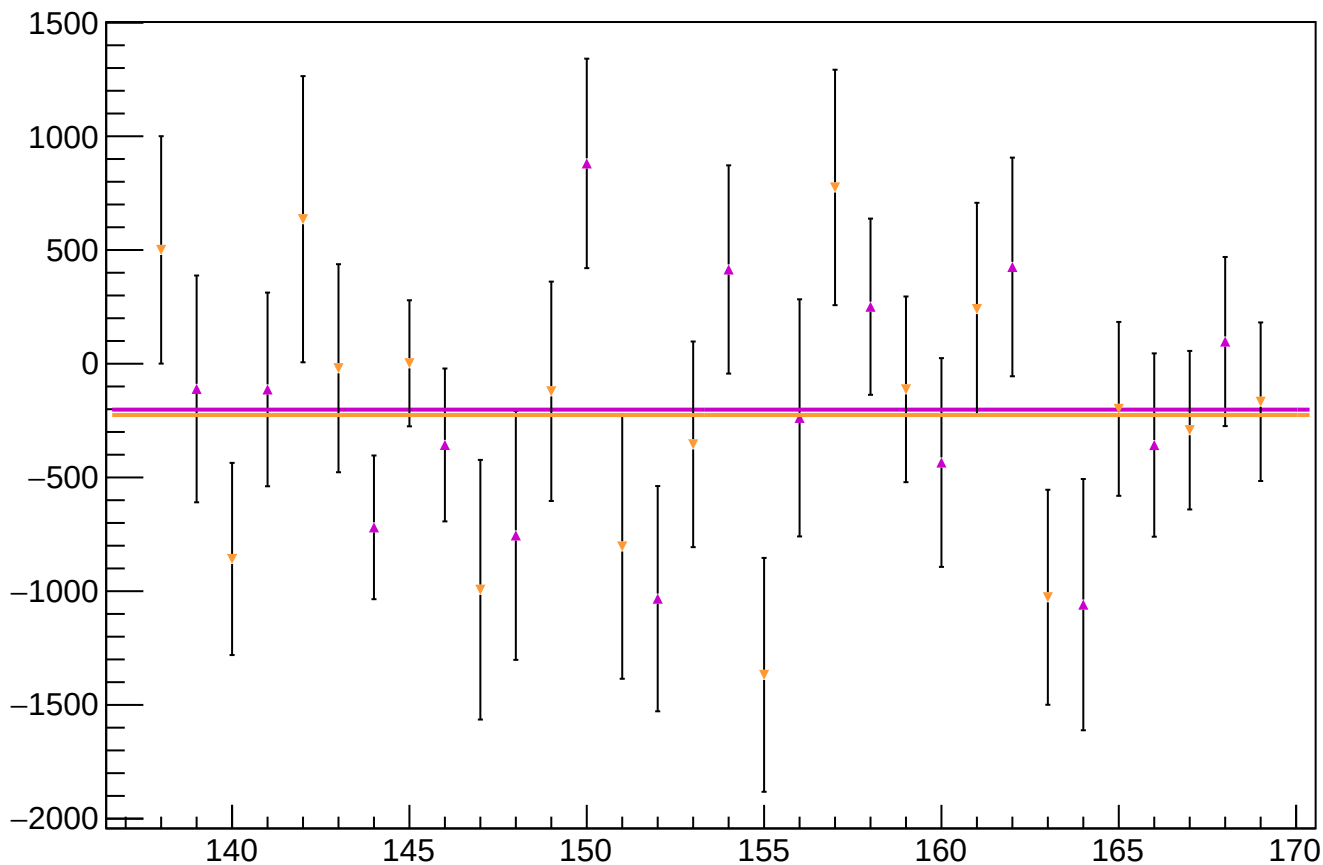
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 389.467+/-0.081 χ^2/NDF :534497.1/14

Out: 371.840+/-0.075 χ^2/NDF :1126224.5/16

All: 379.962+/-0.055 χ^2/NDF : 1686025.4/31

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -225.615+/-104.804 χ^2/NDF :22.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -201.851+/-110.825 χ^2/NDF :20.7/14

Left: -214.396+/-76.147 χ^2/NDF : 43.4/31

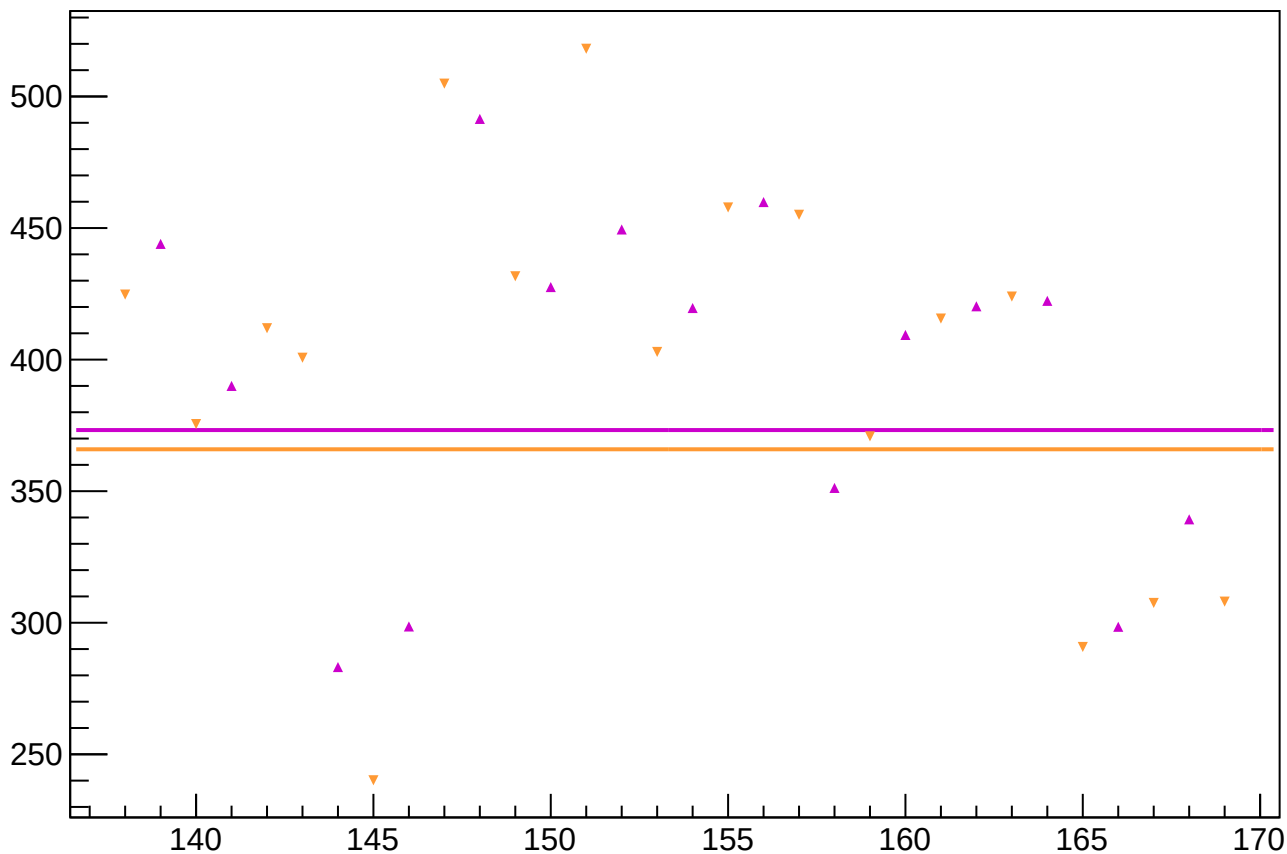
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -201.851+/-110.825 χ^2/NDF :20.7/14

Out: -225.615+/-104.804 χ^2/NDF :22.7/16

All: -214.396+/-76.147 χ^2/NDF : 43.4/31

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 365.920+/-0.074 χ^2/NDF :1133993.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 373.228+/-0.078 χ^2/NDF :688420.4/14

Left: 369.370+/-0.054 χ^2/NDF : 1827005.3/31

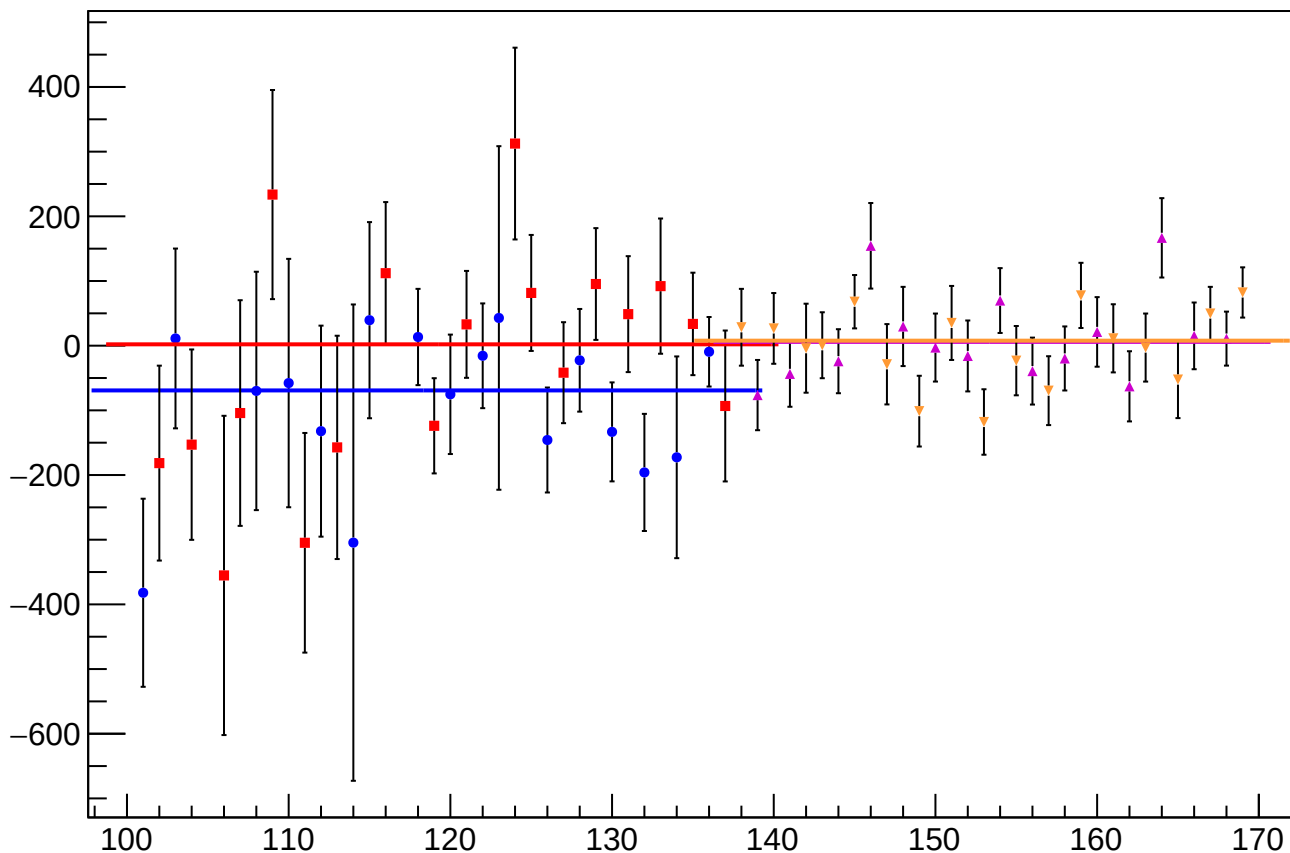
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.228+/-0.078 χ^2/NDF :688420.4/14

Out: 365.920+/-0.074 χ^2/NDF :1133993.5/16

All: 369.370+/-0.054 χ^2/NDF : 1827005.3/31

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: 7.739 ± 12.462 χ^2/NDF : 23.3/16

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 5.839 ± 13.604 χ^2/NDF : 20.2/14

Left: 6.872 ± 9.189 χ^2/NDF : 43.5/31

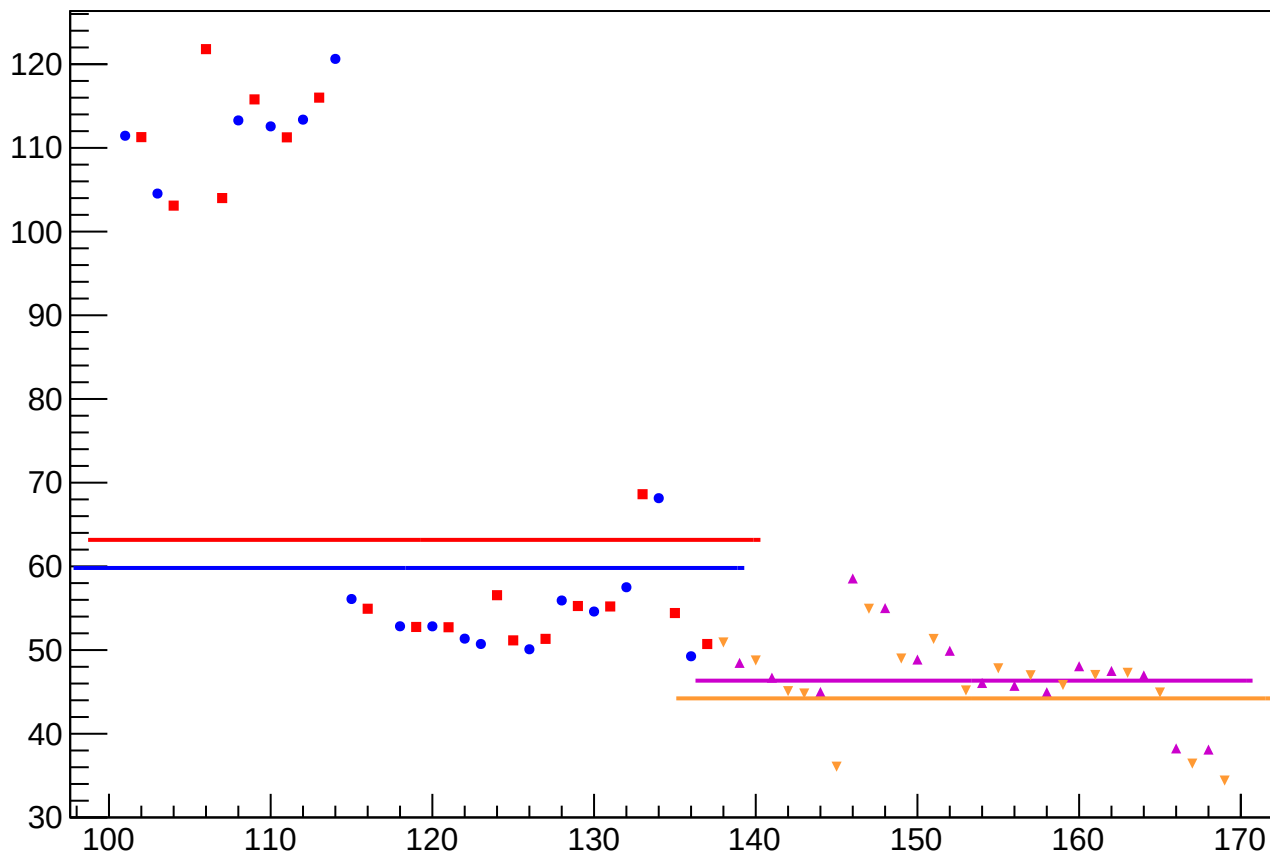
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -12.109 ± 11.866 χ^2/NDF : 41.0/31

Out: 6.627 ± 11.169 χ^2/NDF : 47.1/34

All: -2.175 ± 8.133 χ^2/NDF : 89.4/66

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: 44.226 $\pm$ 0.009 χ^2 /NDF: 452310.1/16

Right Out: 63.166 $\pm$ 0.018 χ^2 /NDF: 1387305.6/17

Left In: 46.345 $\pm$ 0.010 χ^2 /NDF: 258102.1/14

Left: 45.193 $\pm$ 0.006 χ^2 /NDF: 736781.9/31

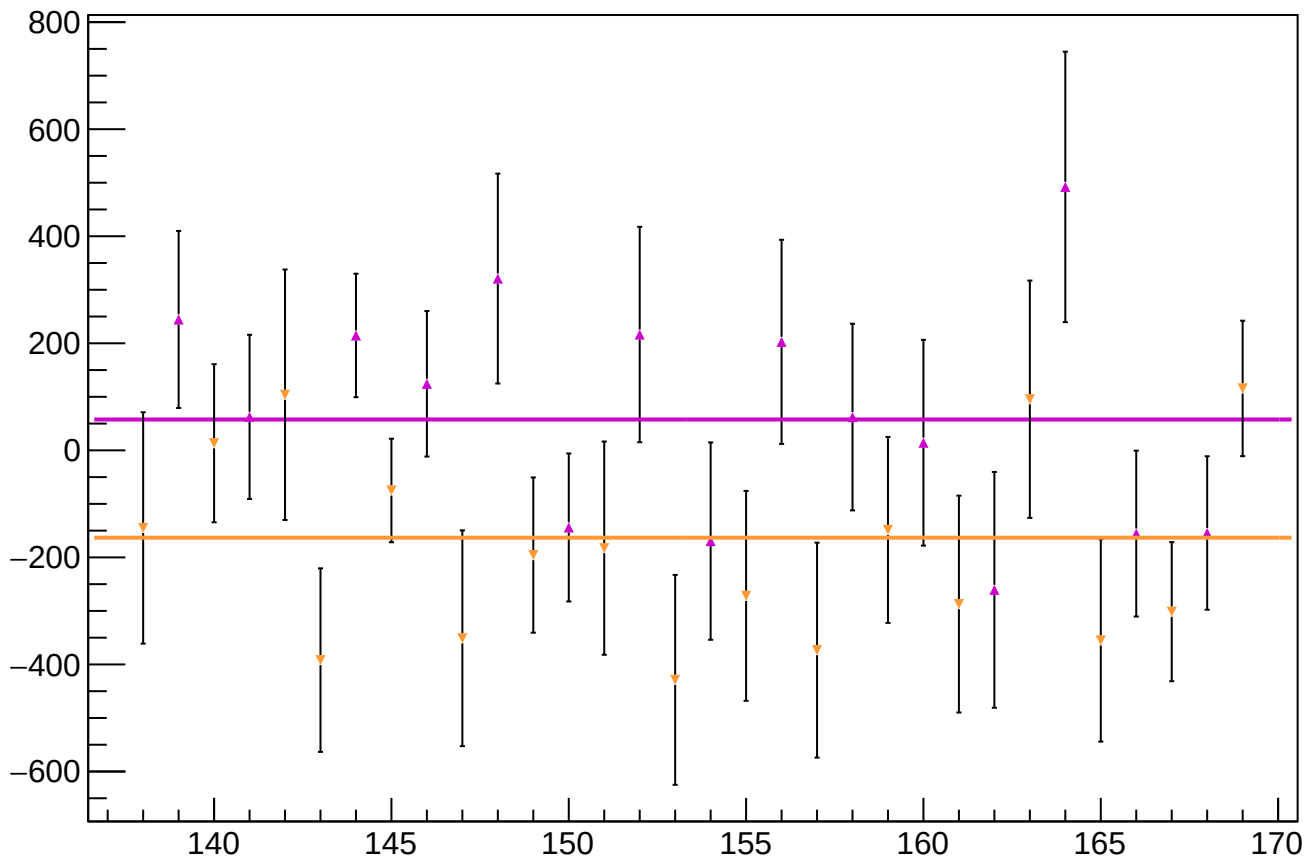
Right: 61.424 $\pm$ 0.012 χ^2 /NDF: 2635717.1/34

In: 49.566 $\pm$ 0.008 χ^2 /NDF: 1956721.7/31

Out: 47.951 $\pm$ 0.008 χ^2 /NDF: 2748067.9/34

All: 48.710 $\pm$ 0.006 χ^2 /NDF: 4724429.5/66

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: -163.202+/-39.901 χ^2/NDF :18.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 57.624+/-42.455 χ^2/NDF :19.2/14

Left: -59.630+/-29.075 χ^2/NDF : 51.8/31

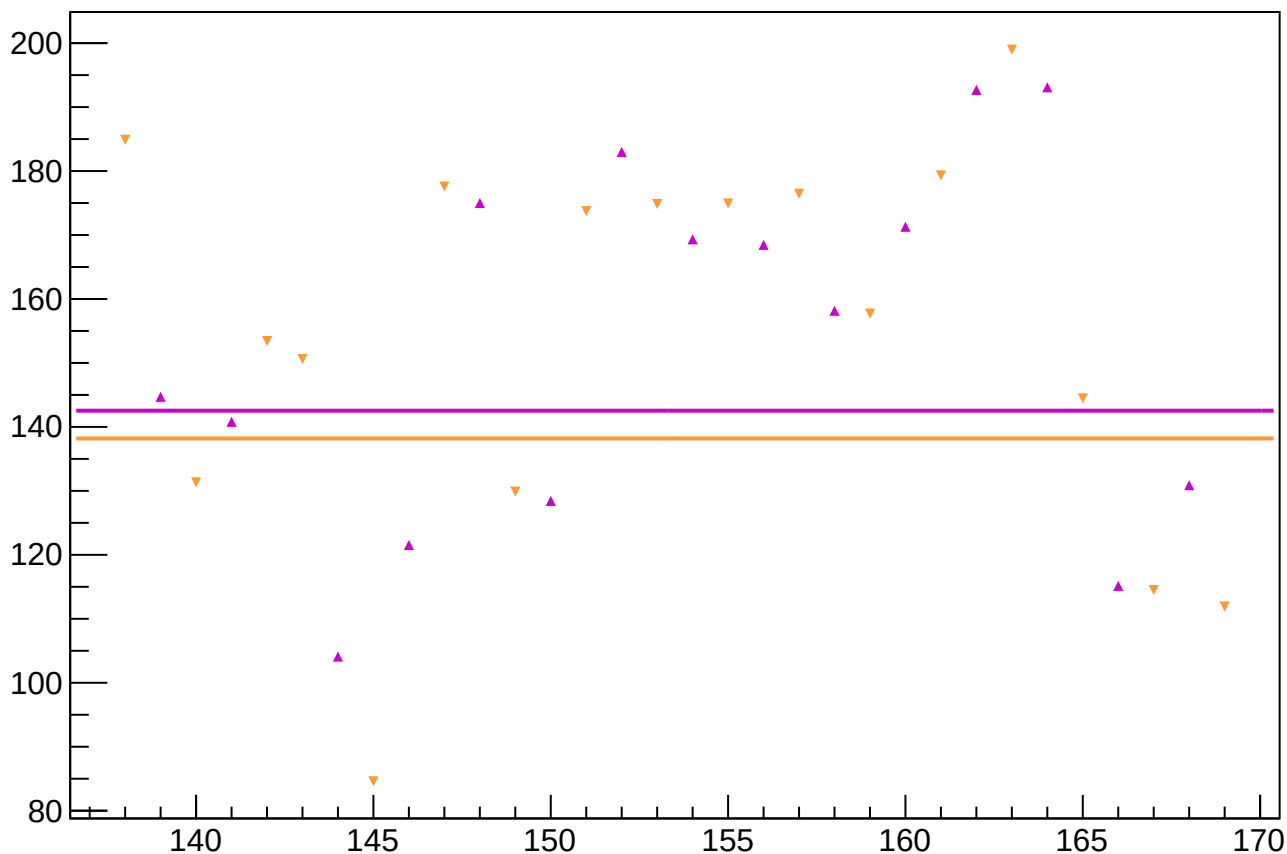
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 57.624+/-42.455 χ^2/NDF :19.2/14

Out: -163.202+/-39.901 χ^2/NDF :18.3/16

All: -59.630+/-29.075 χ^2/NDF : 51.8/31

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: 138.198+/-0.028 χ^2/NDF :1503176.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.538+/-0.030 χ^2/NDF :826271.8/14

Left: 140.234+/-0.021 χ^2/NDF : 2340545.4/31

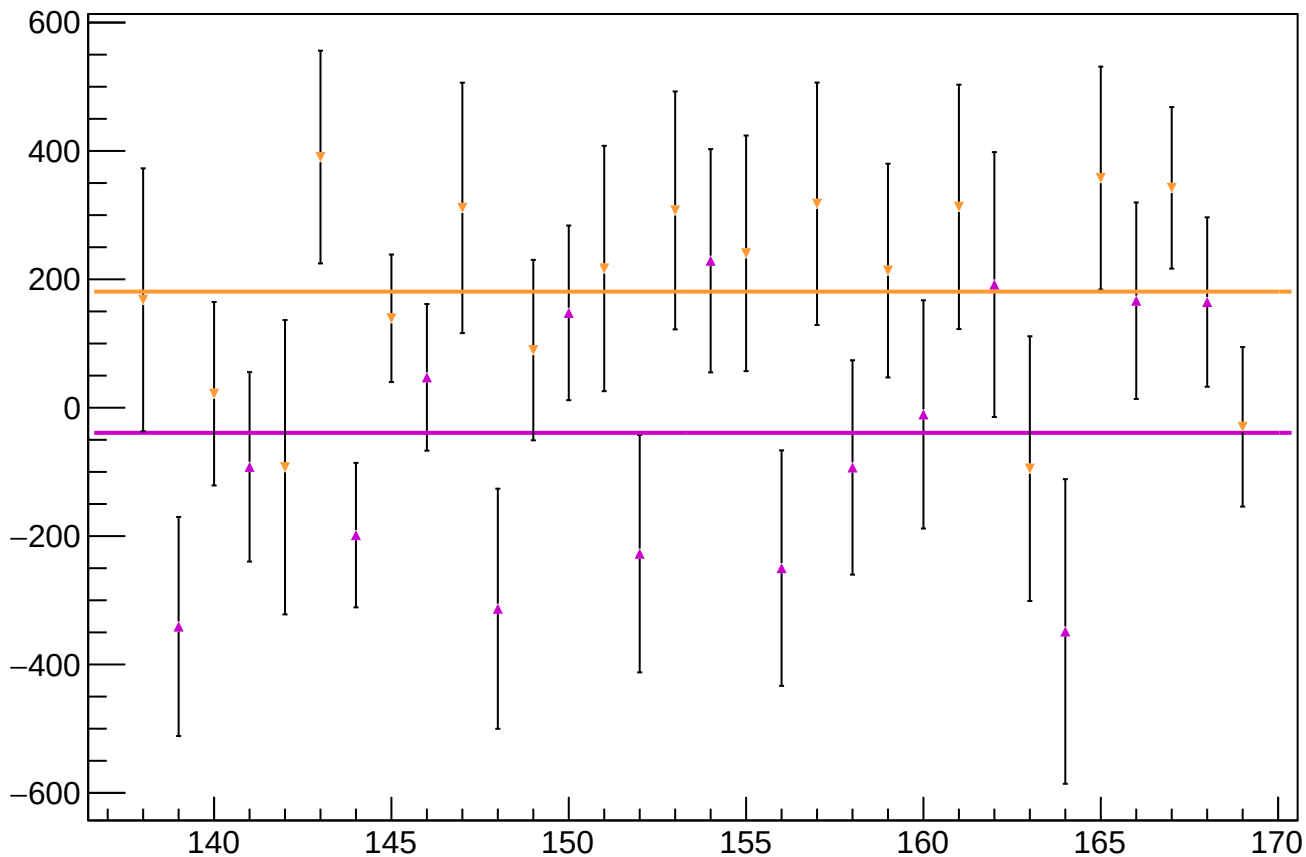
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.538+/-0.030 χ^2/NDF :826271.8/14

Out: 138.198+/-0.028 χ^2/NDF :1503176.0/16

All: 140.234+/-0.021 χ^2/NDF : 2340545.4/31

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 180.826 $\pm$ 38.662 χ^2 /NDF:14.3/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -39.152 $\pm$ 40.183 χ^2 /NDF:21.9/14

Left: 75.078 $\pm$ 27.860 χ^2 /NDF: 51.7/31

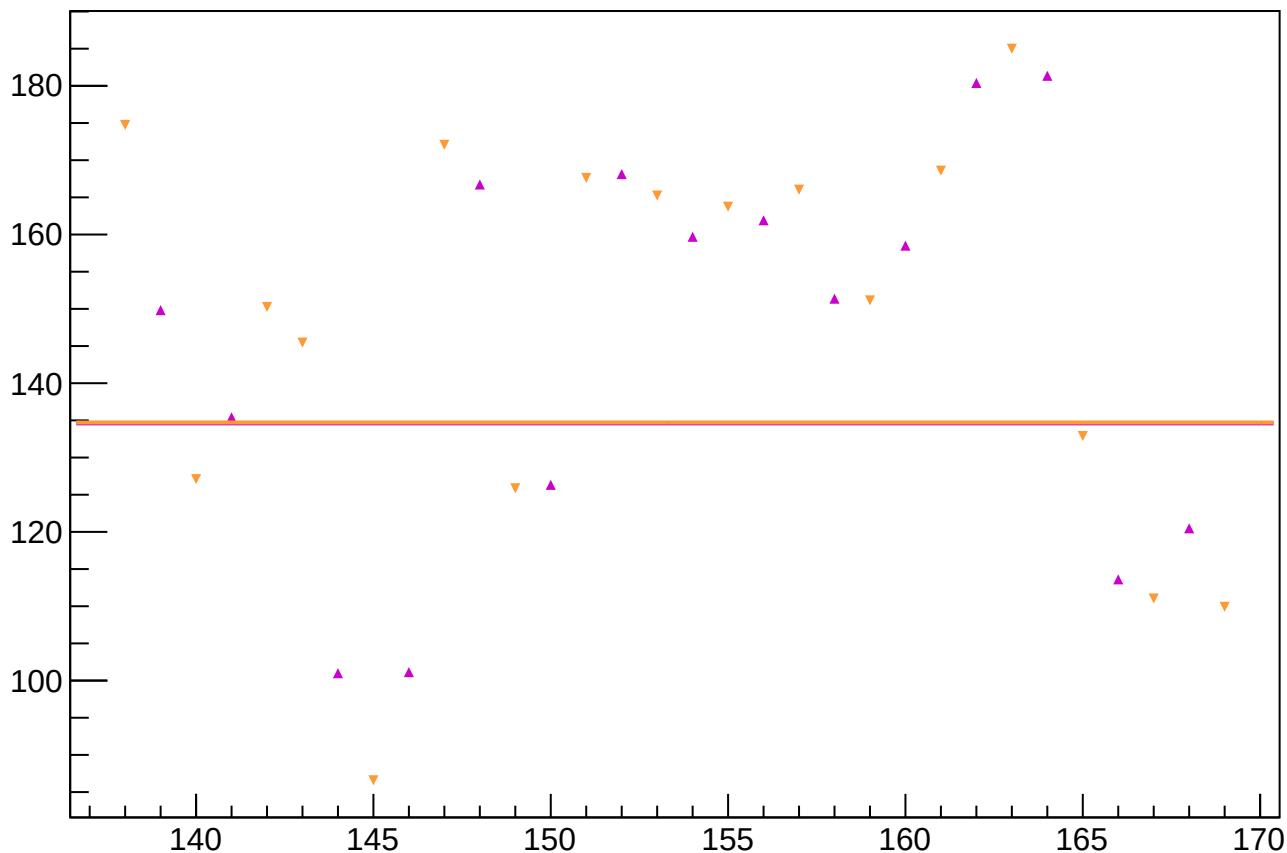
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -39.152 $\pm$ 40.183 χ^2 /NDF:21.9/14

Out: 180.826 $\pm$ 38.662 χ^2 /NDF:14.3/16

All: 75.078 $\pm$ 27.860 χ^2 /NDF: 51.7/31

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 134.717+/-0.027 χ^2/NDF :1221419.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 134.598+/-0.028 χ^2/NDF :877155.4/14

Left: 134.660+/-0.020 χ^2/NDF : 2098583.9/31

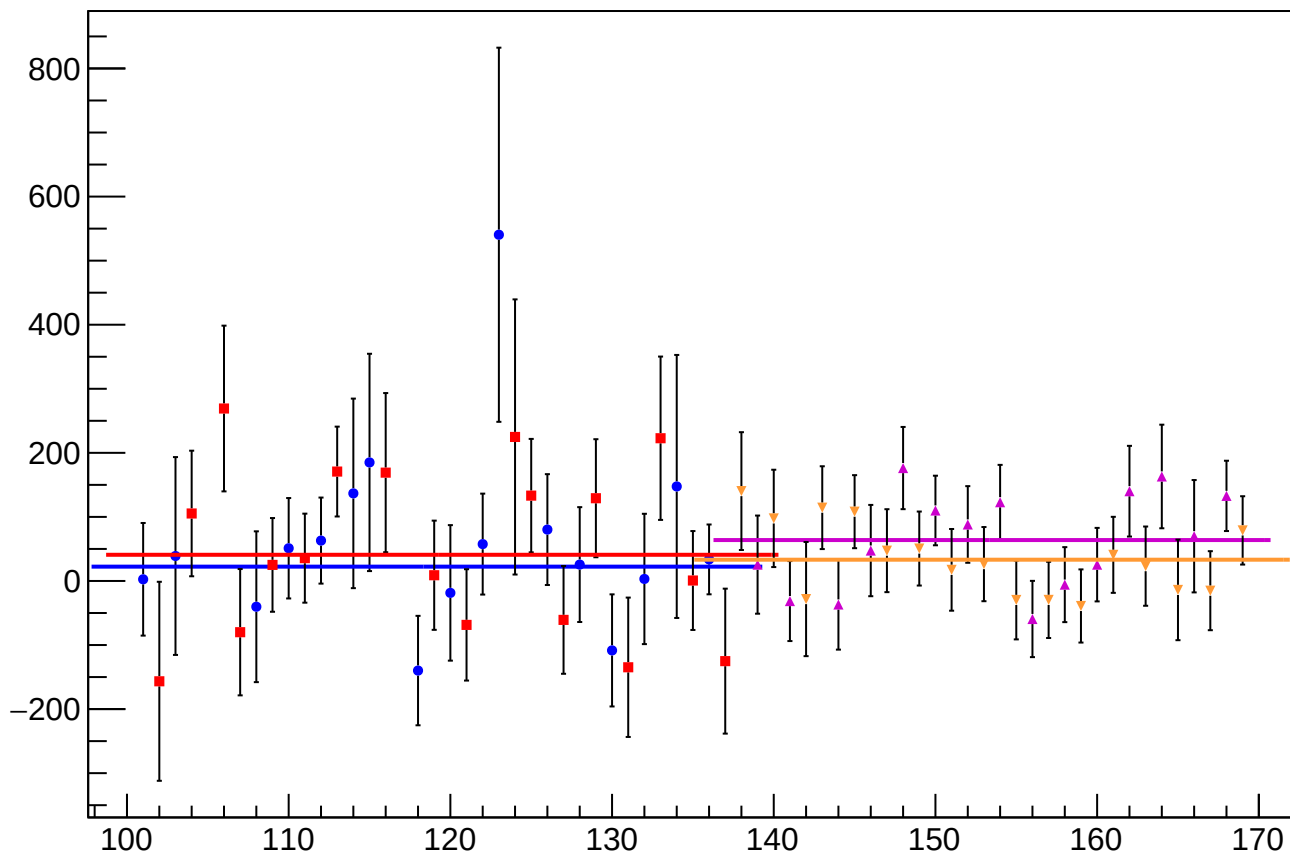
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.598+/-0.028 χ^2/NDF :877155.4/14

Out: 134.717+/-0.027 χ^2/NDF :1221419.4/16

All: 134.660+/-0.020 χ^2/NDF : 2098583.9/31

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 33.189 $\pm$ 15.389 χ^2 /NDF:11.6/16

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 63.853 $\pm$ 16.498 χ^2 /NDF:20.0/14

Left: 47.455 $\pm$ 11.253 χ^2 /NDF: 33.5/31

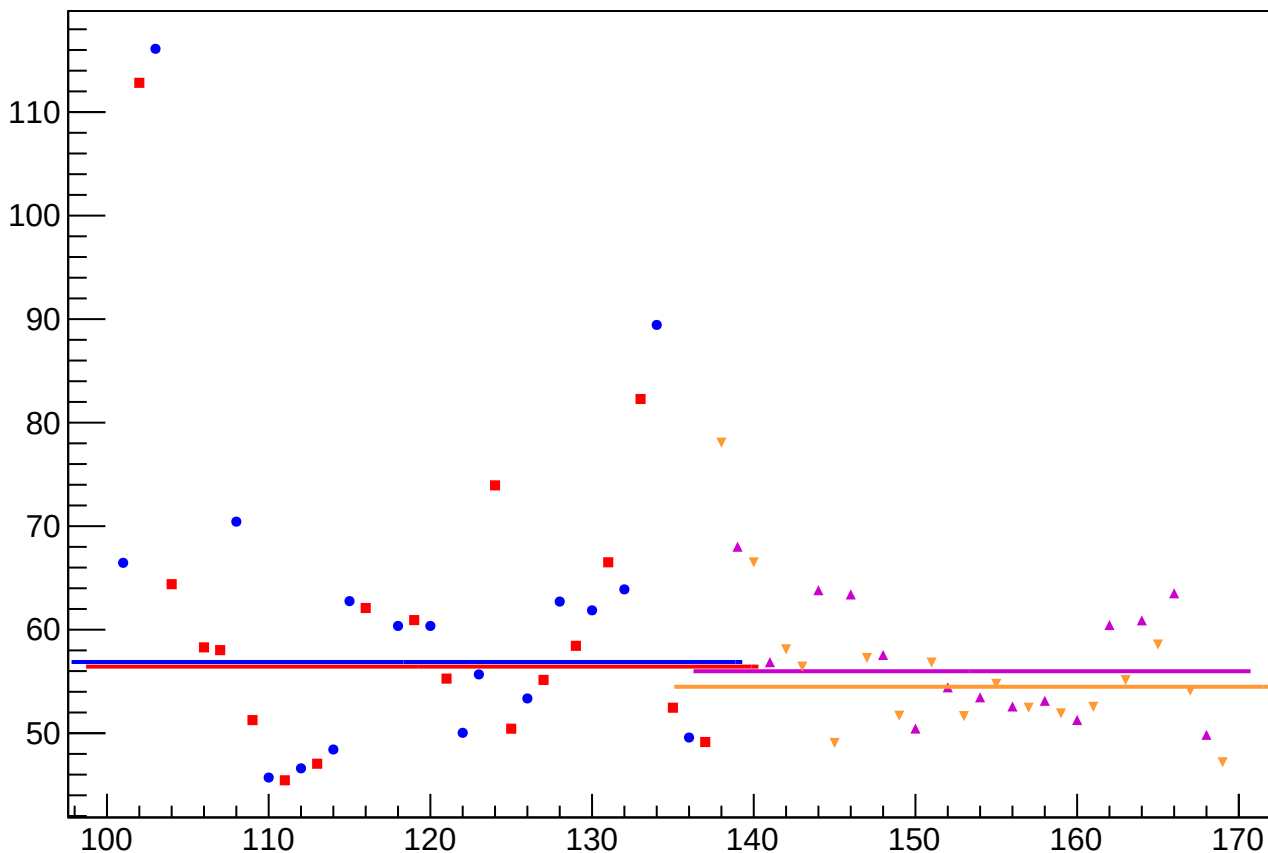
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 49.449 $\pm$ 13.331 χ^2 /NDF:34.8/31

Out: 35.691 $\pm$ 12.635 χ^2 /NDF:35.9/34

All: 42.202 $\pm$ 9.170 χ^2 /NDF: 71.3/66

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: 54.488 $\pm$ 0.011 χ^2 /NDF: 272197.3/16

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 55.987 $\pm$ 0.012 χ^2 /NDF: 203055.7/14

Left: 55.185 $\pm$ 0.008 χ^2 /NDF: 484081.2/31

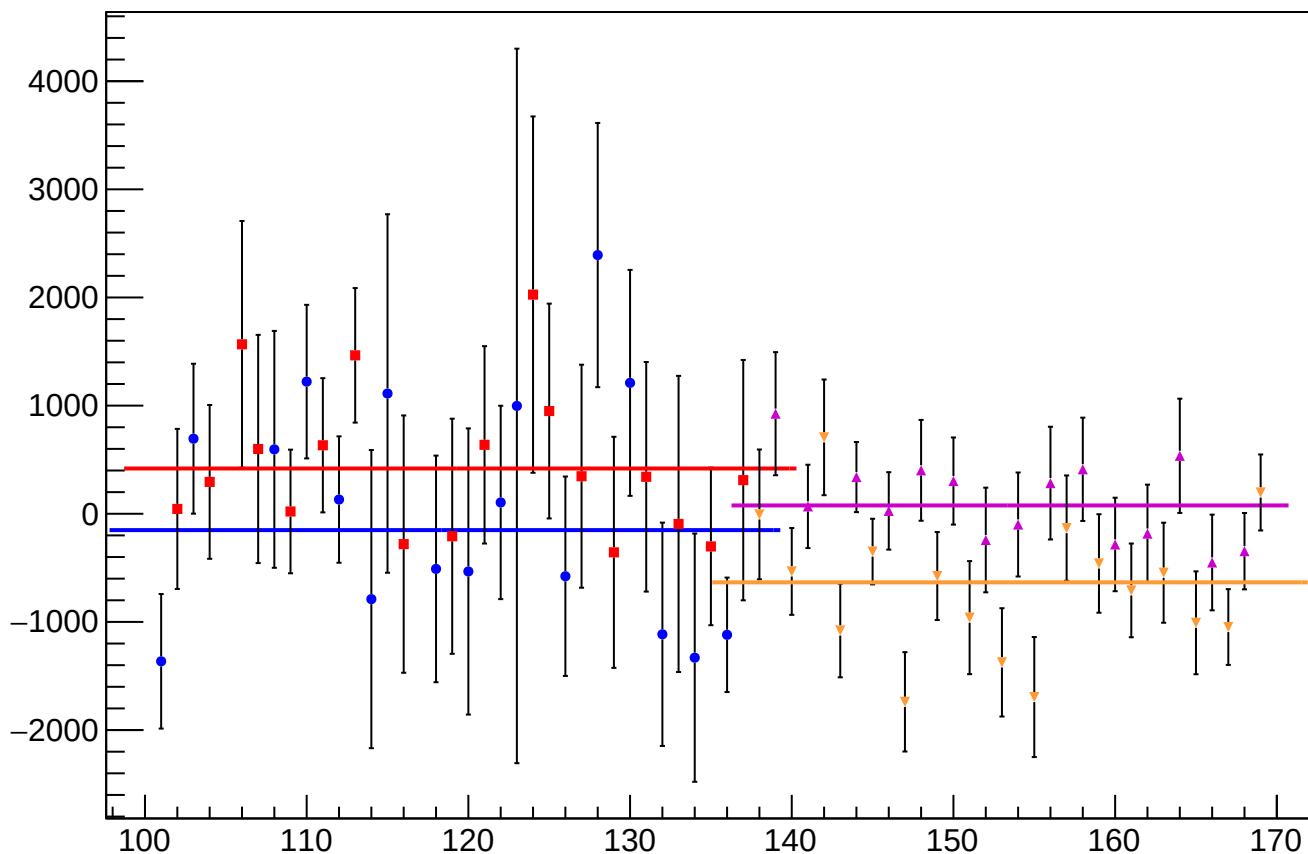
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.296 $\pm$ 0.009 χ^2 /NDF: 780572.9/31

Out: 55.122 $\pm$ 0.009 χ^2 /NDF: 803078.1/34

All: 55.678 $\pm$ 0.006 χ^2 /NDF: 1591829.1/66

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -634.298+/-105.370 χ^2/NDF : 30.3/16

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 76.999+/-110.761 χ^2/NDF : 9.6/14

Left: -296.378+/-76.343 χ^2/NDF : 61.5/31

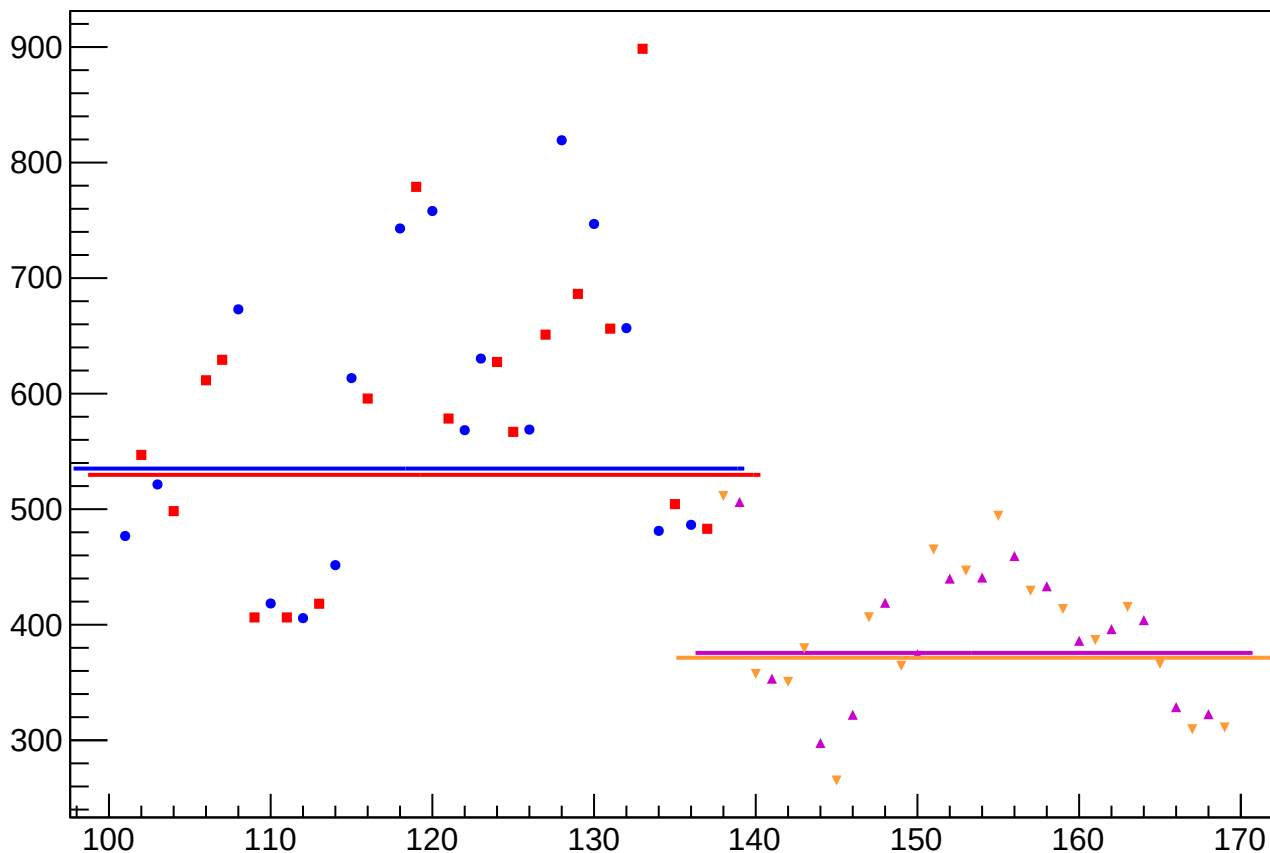
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 28.230+/-98.214 χ^2/NDF : 32.9/31

Out: -414.372+/-93.721 χ^2/NDF : 59.5/34

All: -203.426+/-67.804 χ^2/NDF : 103.1/66

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 371.434+/-0.075 χ^2/NDF : 767983.8/16

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 375.586+/-0.078 χ^2/NDF : 521599.2/14

Left: 373.407+/-0.054 χ^2/NDF : 1291058.6/31

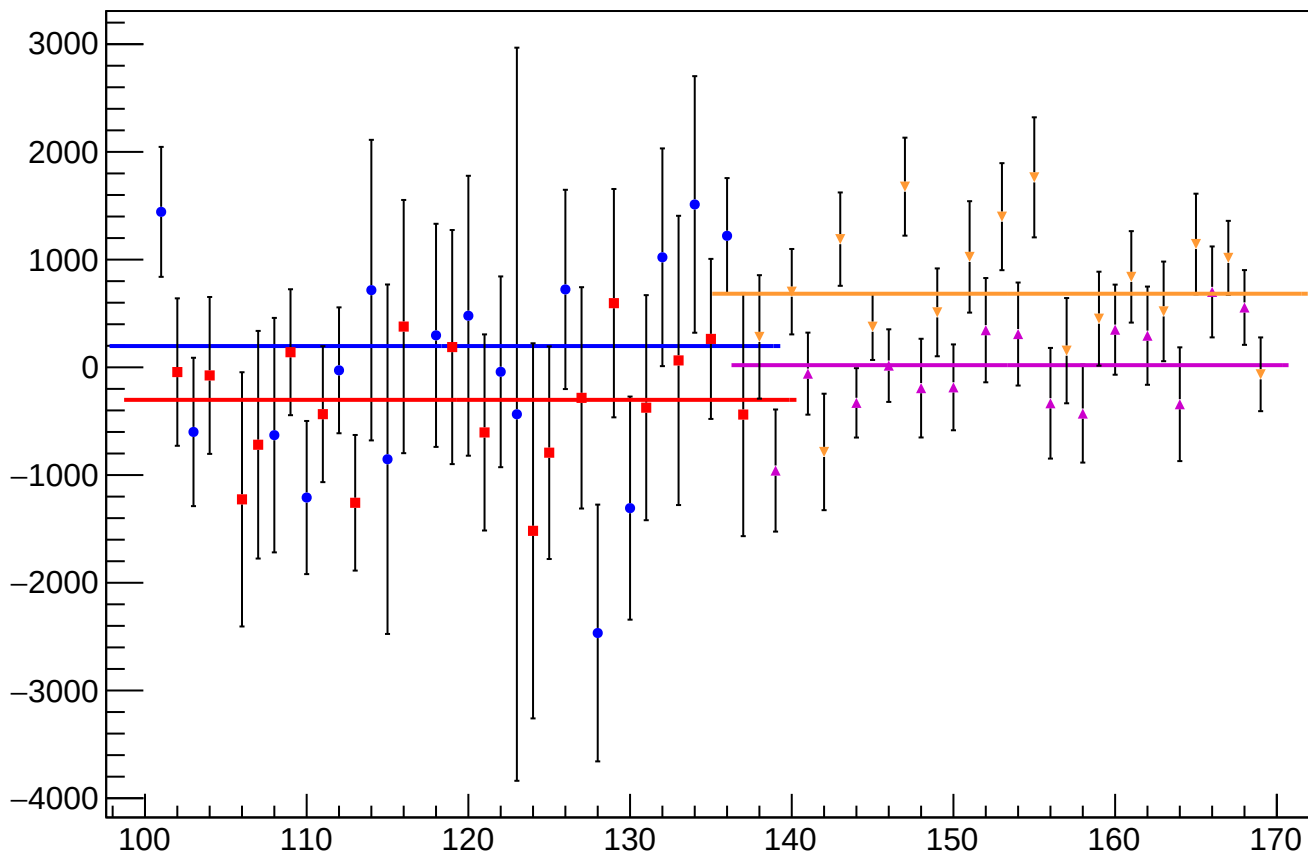
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 409.686+/-0.069 χ^2/NDF : 2004640.9/31

Out: 404.498+/-0.066 χ^2/NDF : 2357435.9/34

All: 406.970+/-0.048 χ^2/NDF : 4364997.6/66

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 683.330 $\pm$ 104.392 χ^2 /NDF:29.9/16

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: 20.131 $\pm$ 108.590 χ^2 /NDF:13.4/14

Left: 364.796 $\pm$ 75.257 χ^2 /NDF: 62.6/31

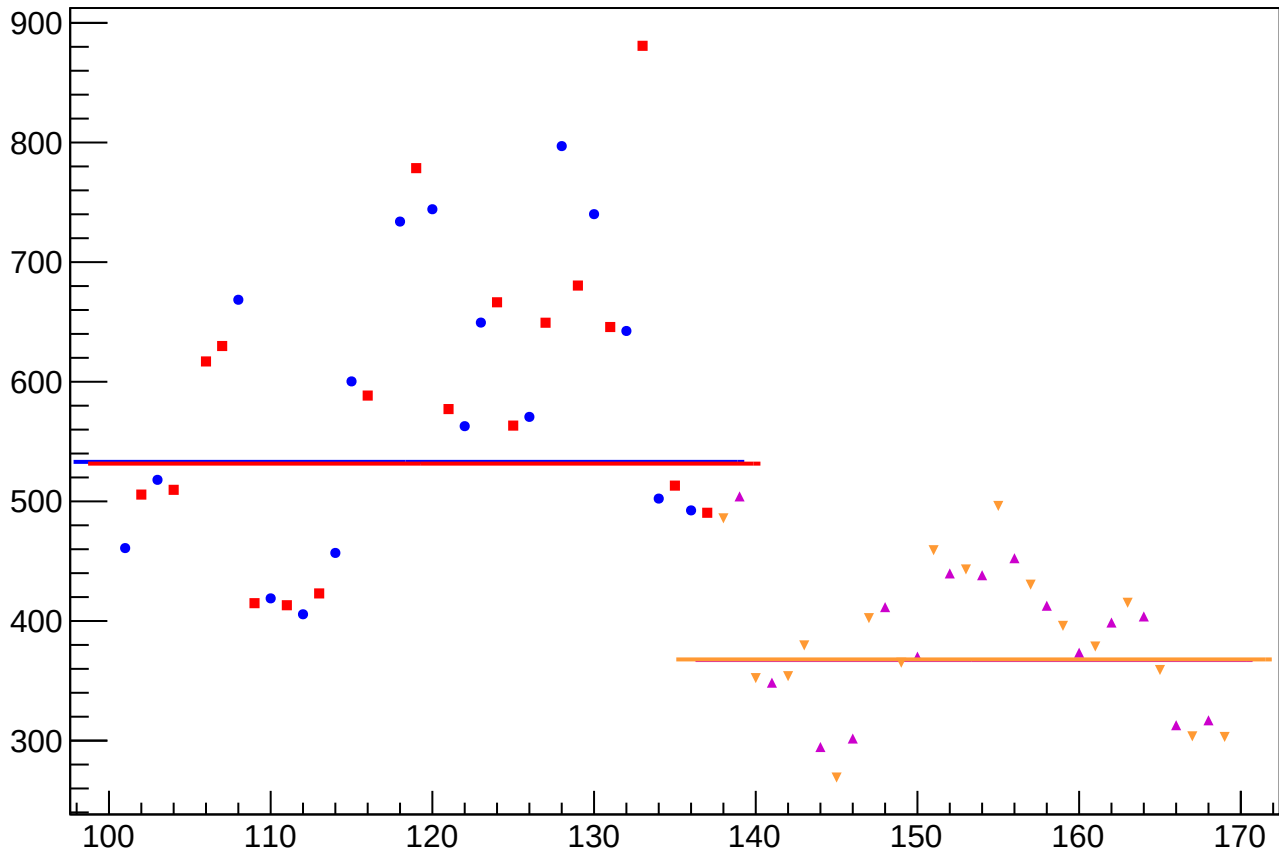
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 57.151 $\pm$ 96.599 χ^2 /NDF:37.9/31

Out: 481.558 $\pm$ 93.090 χ^2 /NDF:54.8/34

All: 277.203 $\pm$ 67.031 χ^2 /NDF: 102.7/66

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 367.877+/-0.074 χ^2/NDF : 726807.4/16

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 367.365+/-0.077 χ^2/NDF : 576308.5/14

Left: 367.631+/-0.053 χ^2/NDF : 1303139.1/31

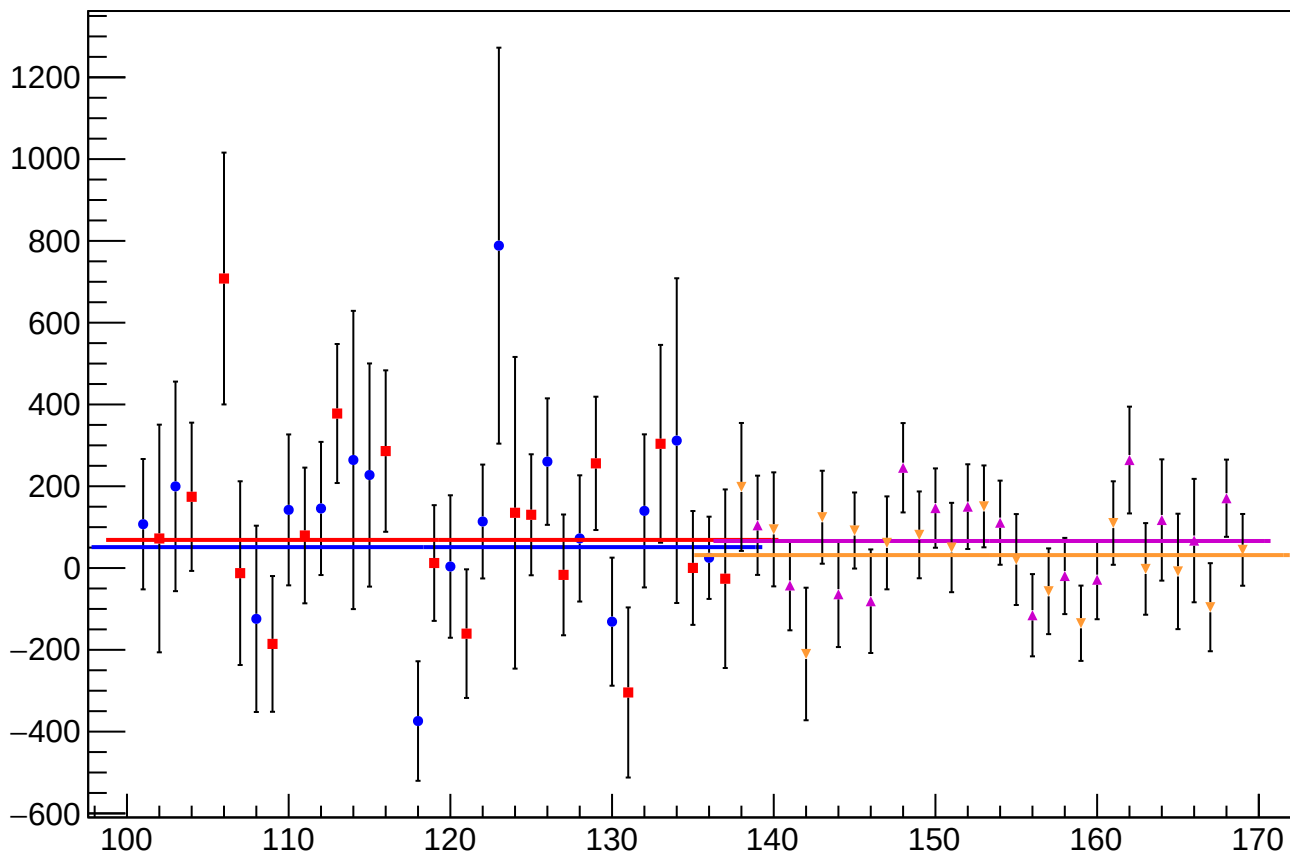
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 401.931+/-0.068 χ^2/NDF : 2114412.3/31

Out: 401.400+/-0.066 χ^2/NDF : 2331746.1/34

All: 401.656+/-0.047 χ^2/NDF : 4446189.7/66

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 31.667 $\pm$ 26.680 χ^2 /NDF:12.6/16

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 66.147 $\pm$ 28.490 χ^2 /NDF:16.4/14

Left: 47.778 $\pm$ 19.474 χ^2 /NDF: 29.7/31

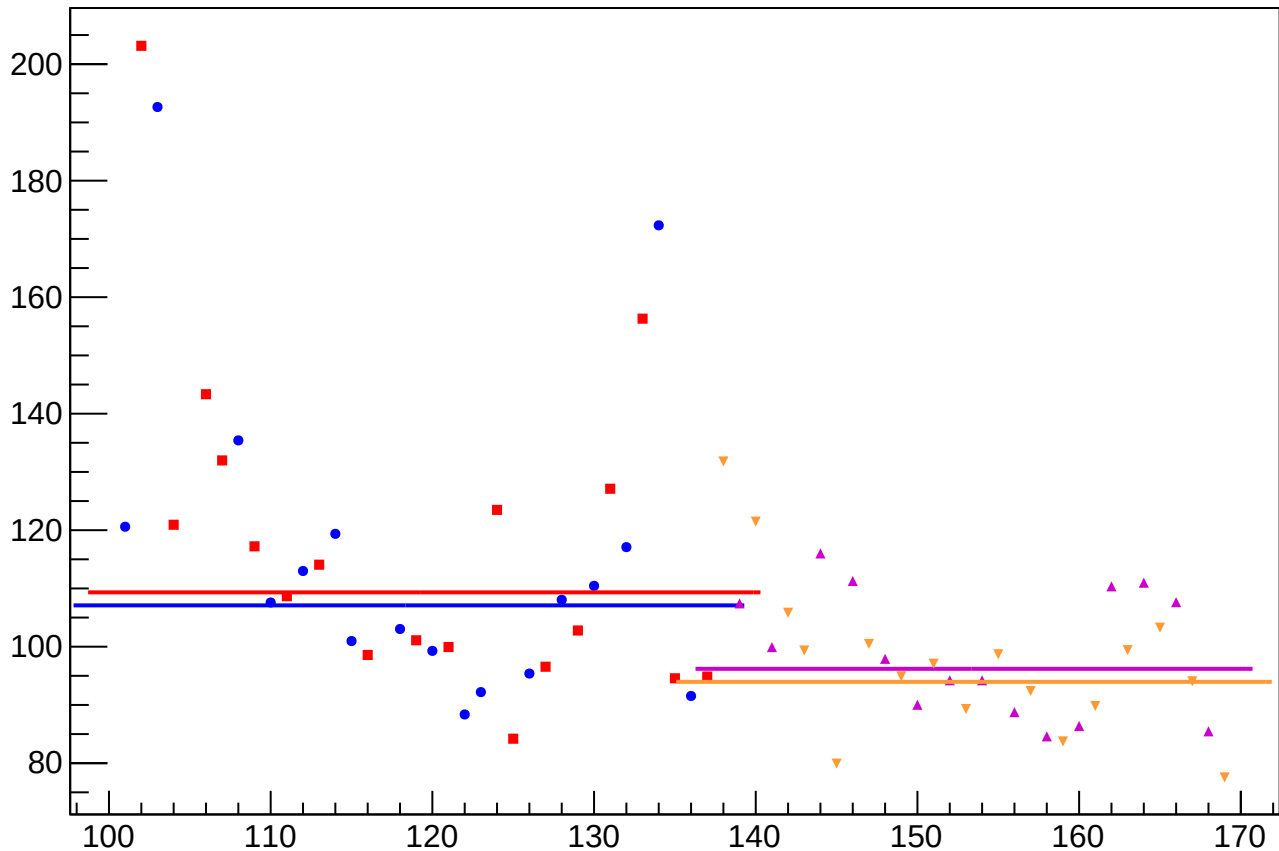
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 61.490 $\pm$ 23.650 χ^2 /NDF:33.8/31

Out: 42.052 $\pm$ 22.642 χ^2 /NDF:33.5/34

All: 51.347 $\pm$ 16.355 χ^2 /NDF: 67.7/66

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: 93.968 $\pm$ 0.019 χ^2 /NDF:383767.1/16

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 96.202 $\pm$ 0.020 χ^2 /NDF:248097.6/14

Left: 95.012 $\pm$ 0.014 χ^2 /NDF: 638416.8/31

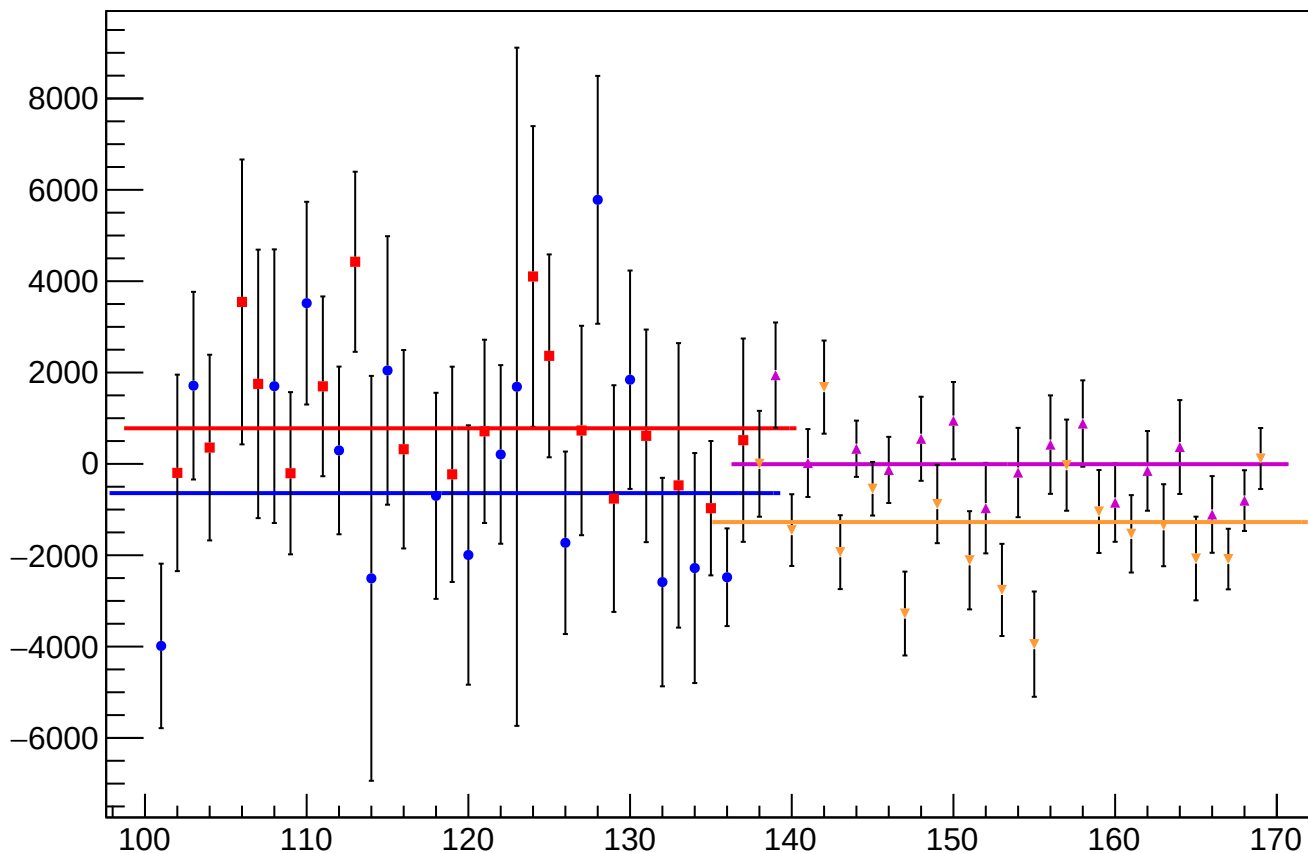
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 99.588 $\pm$ 0.017 χ^2 /NDF:776733.0/31

Out: 98.266 $\pm$ 0.016 χ^2 /NDF:1075308.5/34

All: 98.898 $\pm$ 0.012 χ^2 /NDF: 1855302.0/66

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 χ^2/NDF : 21.8/16

Left Out: -1273.781 ± 206.456 χ^2/NDF : 33.3/16

Right Out: 779.450 ± 516.450 χ^2/NDF : 8.8/17

Left In: -6.291 ± 218.097 χ^2/NDF : 11.1/14

Left: -674.762 ± 149.933 χ^2/NDF : 62.2/31

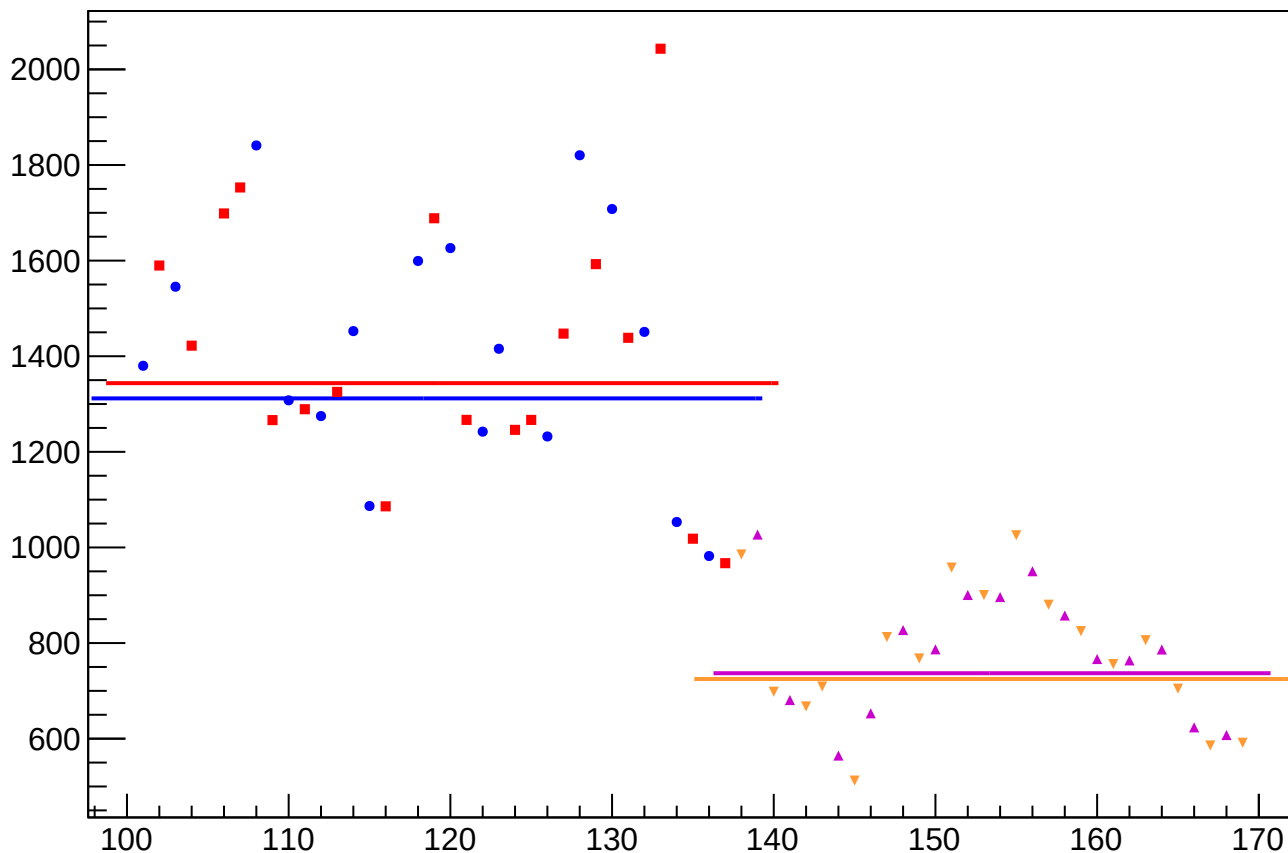
Right: 73.635 ± 366.171 χ^2/NDF : 34.4/34

In: -101.302 ± 201.080 χ^2/NDF : 34.2/31

Out: -990.868 ± 191.706 χ^2/NDF : 55.8/34

All: -567.302 ± 138.752 χ^2/NDF : 100.2/66

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 724.800 $\pm$ 0.146 χ^2 /NDF: 946901.3/16

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 736.930 $\pm$ 0.154 χ^2 /NDF: 686932.0/14

Left: 730.533 $\pm$ 0.106 χ^2 /NDF: 1637096.3/31

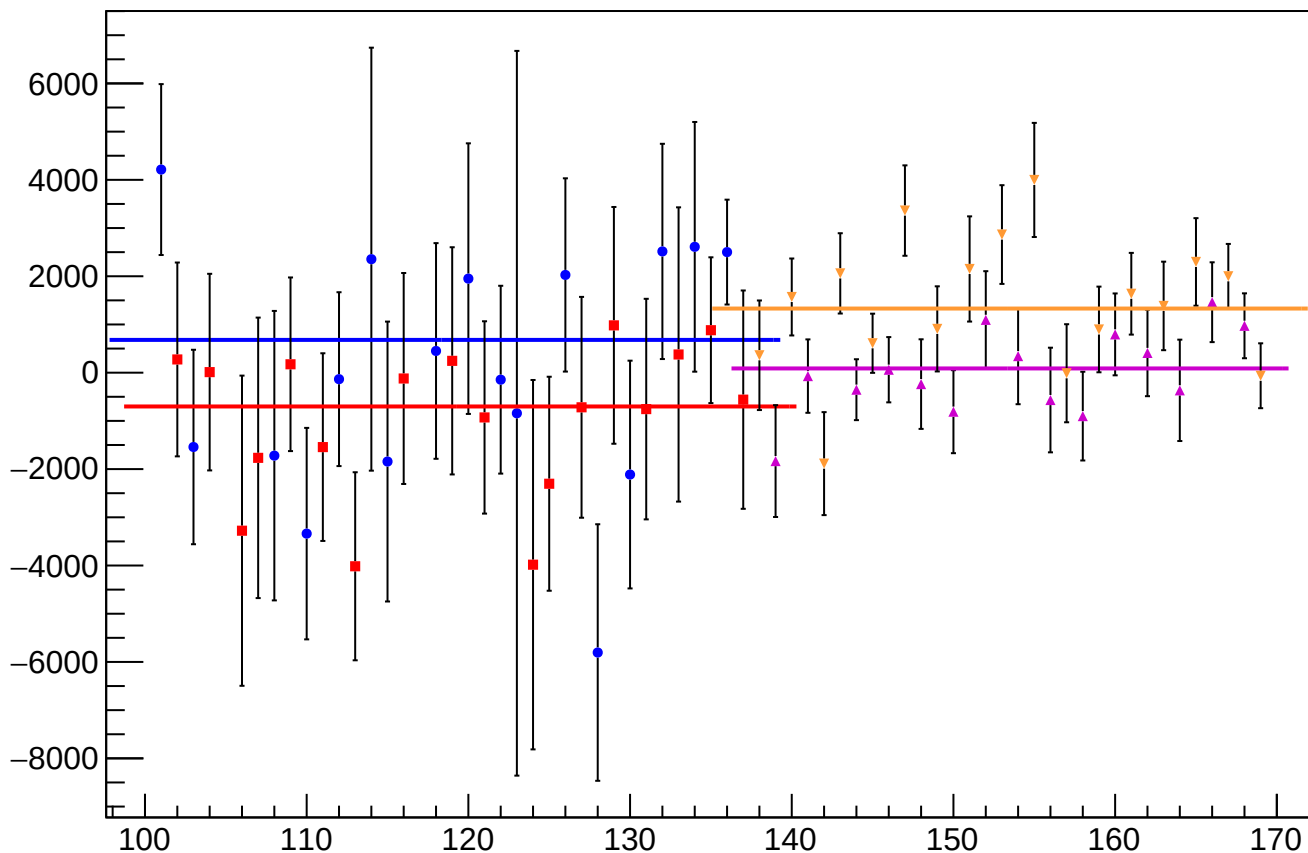
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 823.139 $\pm$ 0.142 χ^2 /NDF: 3283372.4/31

Out: 810.072 $\pm$ 0.136 χ^2 /NDF: 3884021.3/34

All: 816.294 $\pm$ 0.098 χ^2 /NDF: 7171818.5/66

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1330.279+/-209.879 χ^2/NDF :33.4/16

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: 87.780+/-218.845 χ^2/NDF :12.6/14

Left: 735.003+/-151.477 χ^2/NDF : 62.7/31

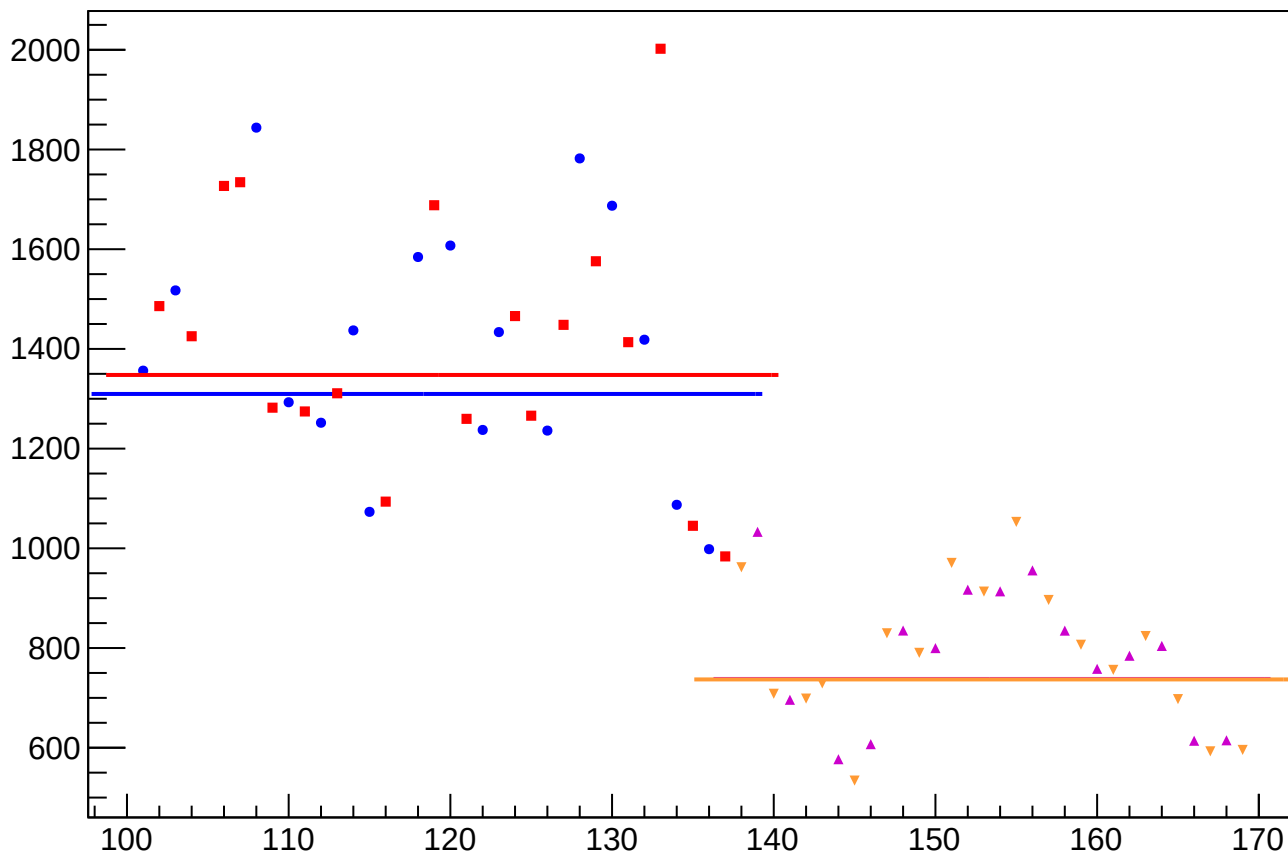
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 177.609+/-201.563 χ^2/NDF :36.2/31

Out: 1043.202+/-194.483 χ^2/NDF :54.3/34

All: 625.875+/-139.956 χ^2/NDF : 100.0/66

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 737.011+/-0.148 χ^2/NDF : 887771.6/16

Right Out: 1347.768+/-0.366 χ^2/NDF : 405345.0/17

Left In: 737.949+/-0.155 χ^2/NDF : 726226.0/14

Left: 737.460+/-0.107 χ^2/NDF : 1614016.7/31

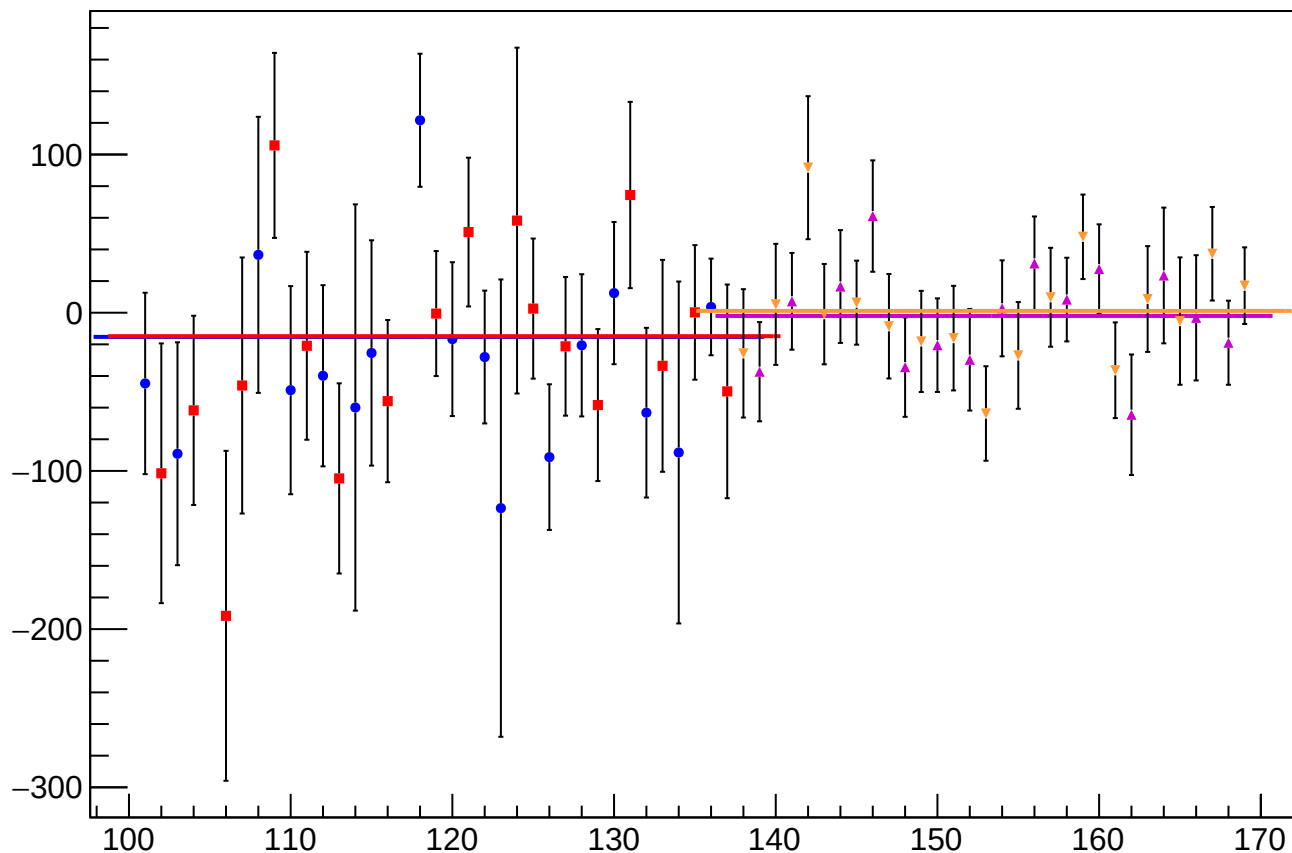
Right: 1328.718+/-0.259 χ^2/NDF : 870085.9/34

In: 824.677+/-0.143 χ^2/NDF : 3256110.2/31

Out: 823.332+/-0.138 χ^2/NDF : 3686834.2/34

All: 823.980+/-0.099 χ^2/NDF : 6942990.5/66

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: 1.141 ± 7.697 χ^2/NDF : 17.3/16

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -2.047 ± 8.166 χ^2/NDF : 13.0/14

Left: -0.359 ± 5.601 χ^2/NDF : 30.4/31

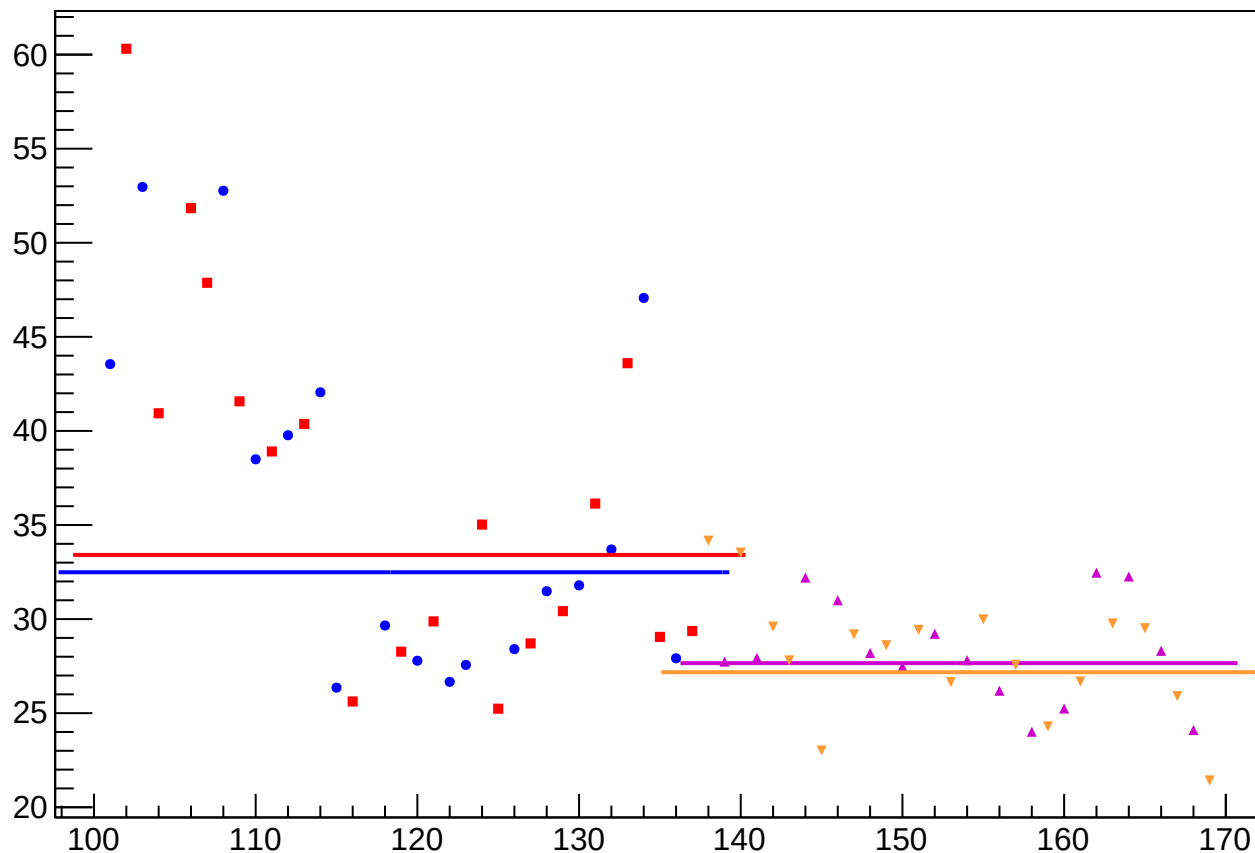
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.830 ± 6.901 χ^2/NDF : 32.1/31

Out: -2.961 ± 6.636 χ^2/NDF : 36.6/34

All: -4.339 ± 4.783 χ^2/NDF : 68.8/66

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.176 $\pm$ 0.005 χ^2 /NDF: 364905.1/16

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 27.657 $\pm$ 0.006 χ^2 /NDF: 204878.9/14

Left: 27.402 $\pm$ 0.004 χ^2 /NDF: 573449.9/31

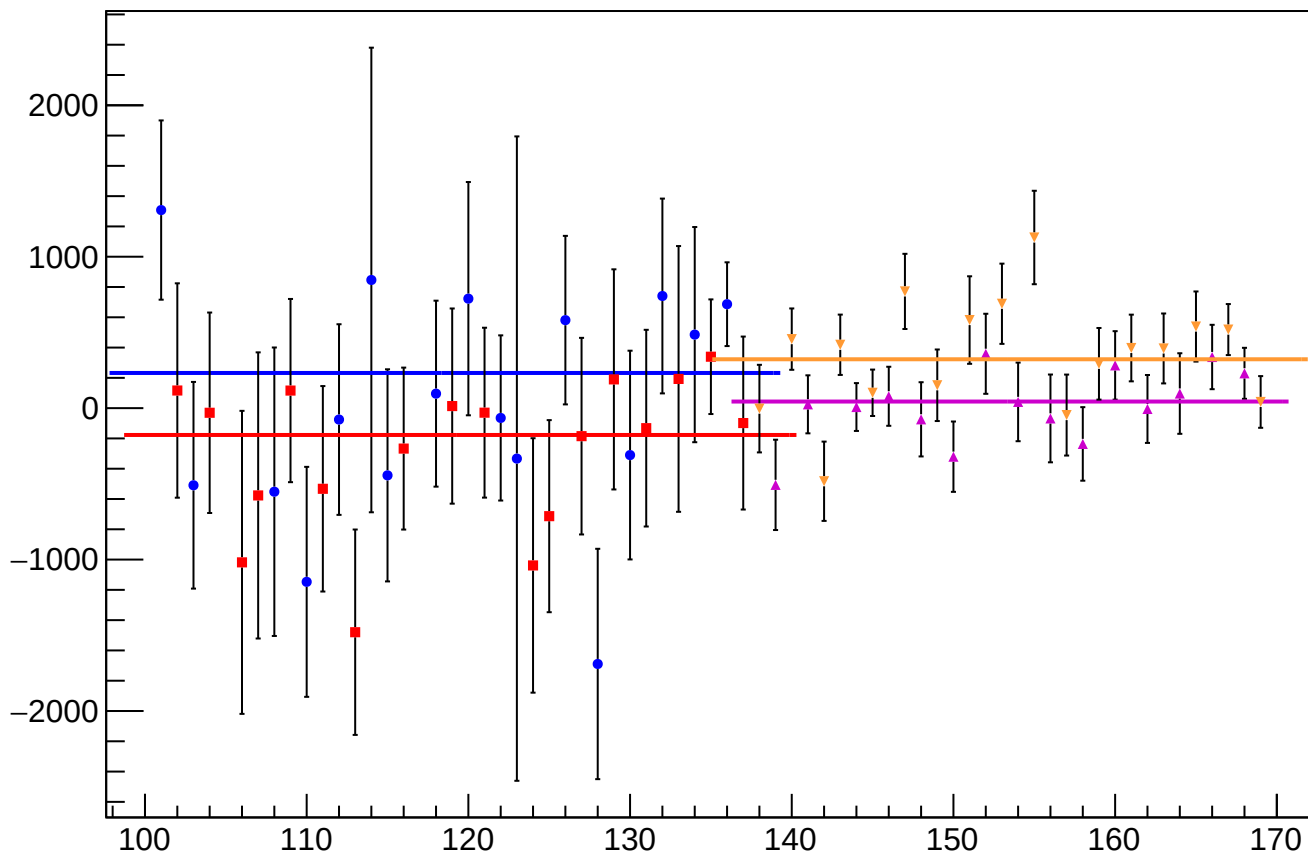
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 29.038 $\pm$ 0.005 χ^2 /NDF: 999551.9/31

Out: 28.777 $\pm$ 0.005 χ^2 /NDF: 1426963.9/34

All: 28.902 $\pm$ 0.003 χ^2 /NDF: 2428007.7/66

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: 322.761 $\pm$ 53.526 χ^2 /NDF:33.9/16

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: 43.601 $\pm$ 56.885 χ^2 /NDF:13.4/14

Left: 191.666 $\pm$ 38.982 χ^2 /NDF: 60.1/31

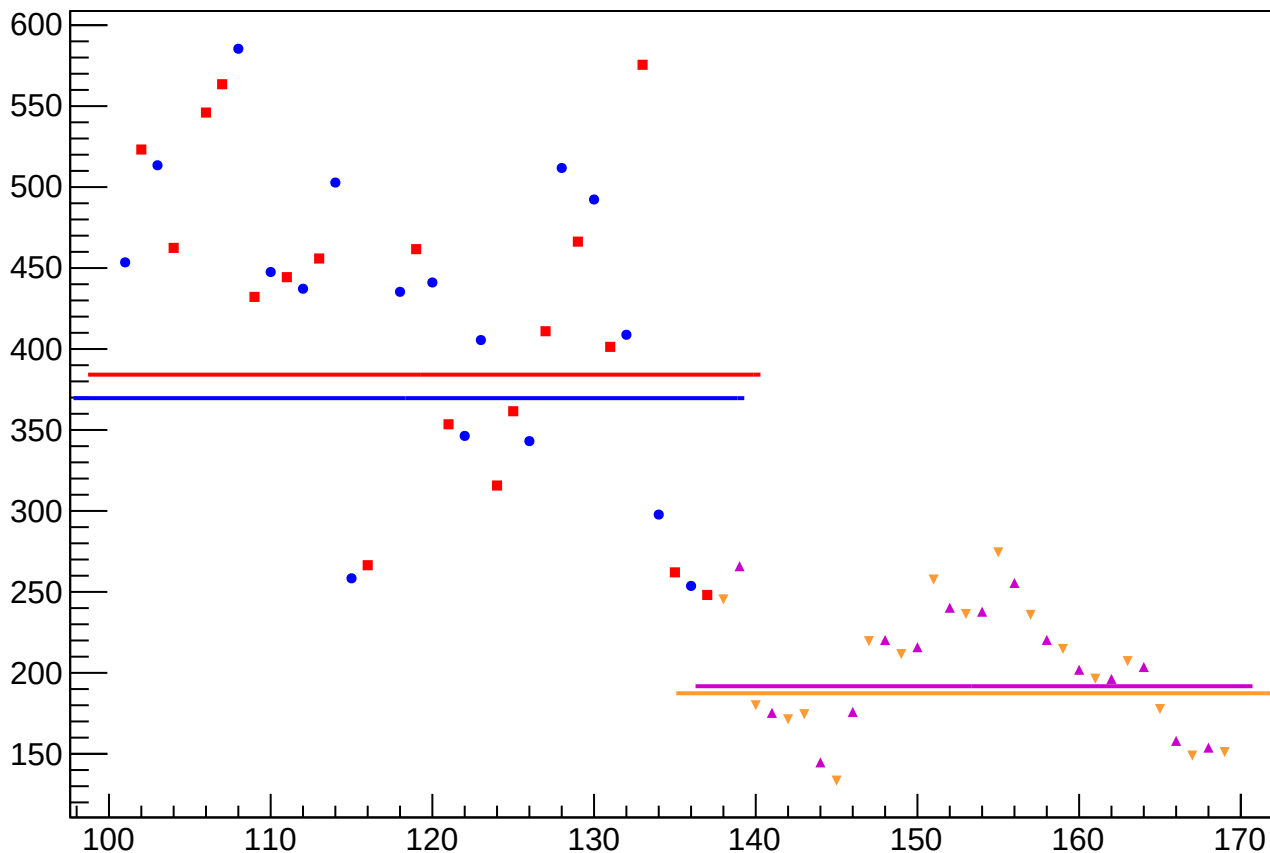
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 67.721 $\pm$ 53.126 χ^2 /NDF:36.3/31

Out: 266.296 $\pm$ 50.413 χ^2 /NDF:53.3/34

All: 172.208 $\pm$ 36.569 χ^2 /NDF: 96.9/66

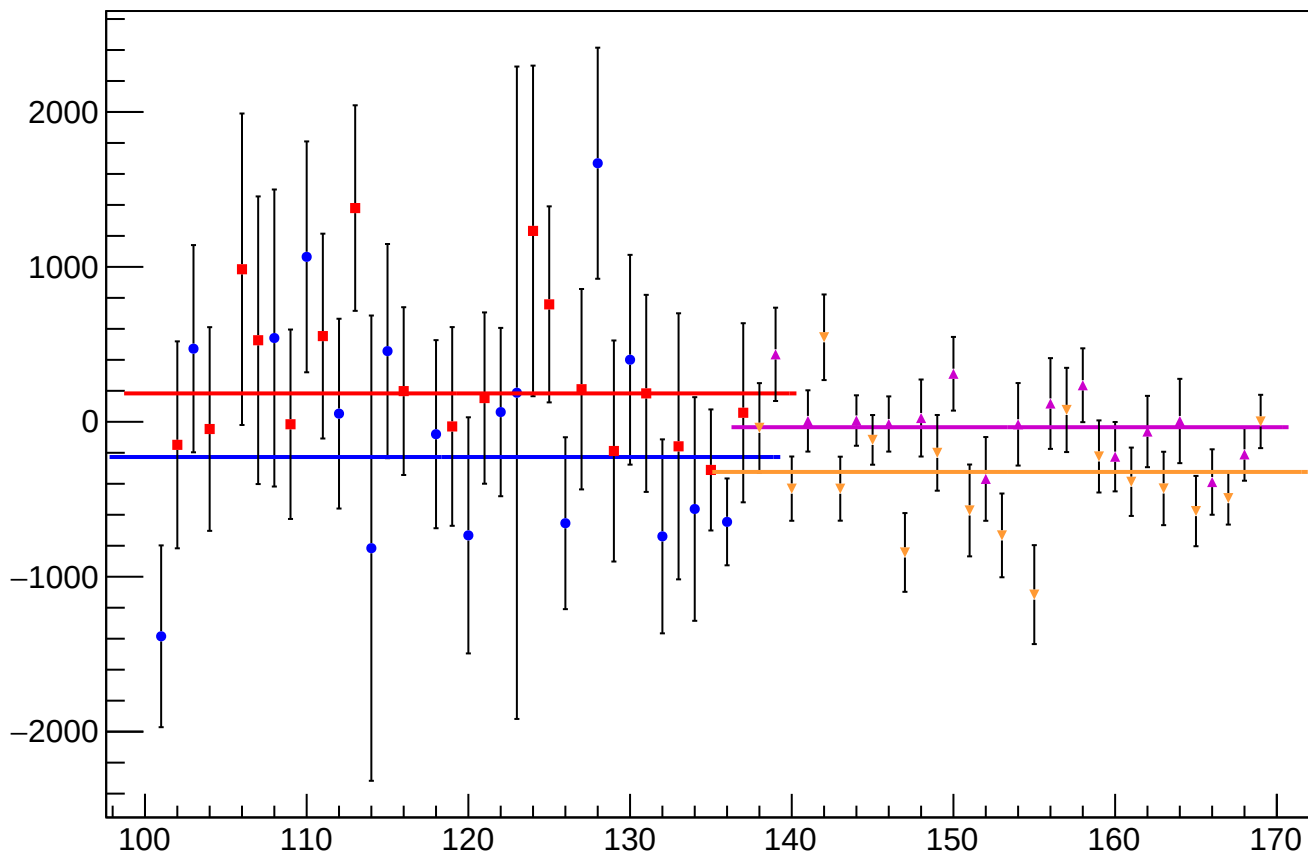
asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16
 Left Out: 187.408 $\pm$ 0.038 χ^2 /NDF: 1055636.4/16
 Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17
 Left In: 191.755 $\pm$ 0.040 χ^2 /NDF: 792744.2/14

Left: 189.450 $\pm$ 0.028 χ^2 /NDF: 1854574.9/31
 Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34
 In: 214.491 $\pm$ 0.038 χ^2 /NDF: 4195229.4/31
 Out: 209.633 $\pm$ 0.036 χ^2 /NDF: 4983188.8/34
 All: 211.934 $\pm$ 0.026 χ^2 /NDF: 9187217.4/66

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -323.548 ± 54.587 χ^2/NDF : 35.1/16

Right Out: 183.318 ± 150.486 χ^2/NDF : 8.8/17

Left In: -34.773 ± 57.165 χ^2/NDF : 12.4/14

Left: -185.819 ± 39.479 χ^2/NDF : 60.9/31

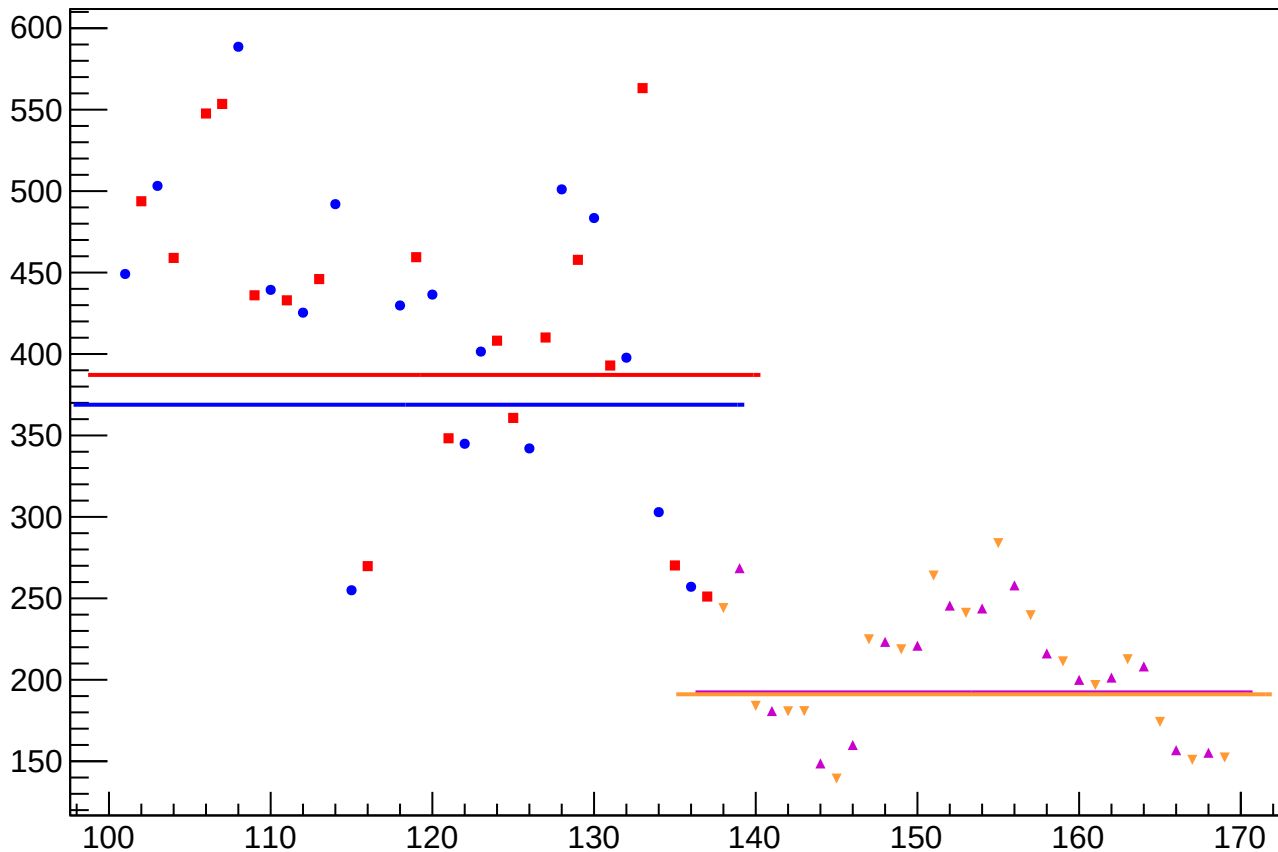
Right: -25.507 ± 105.492 χ^2/NDF : 34.4/34

In: -59.787 ± 53.322 χ^2/NDF : 35.8/31

Out: -264.610 ± 51.316 χ^2/NDF : 53.9/34

All: -166.125 ± 36.975 χ^2/NDF : 97.3/66

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: 191.096 $\pm$ 0.039 χ^2 /NDF: 1025313.9/16

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 192.274 $\pm$ 0.040 χ^2 /NDF: 841298.6/14

Left: 191.658 $\pm$ 0.028 χ^2 /NDF: 1867056.4/31

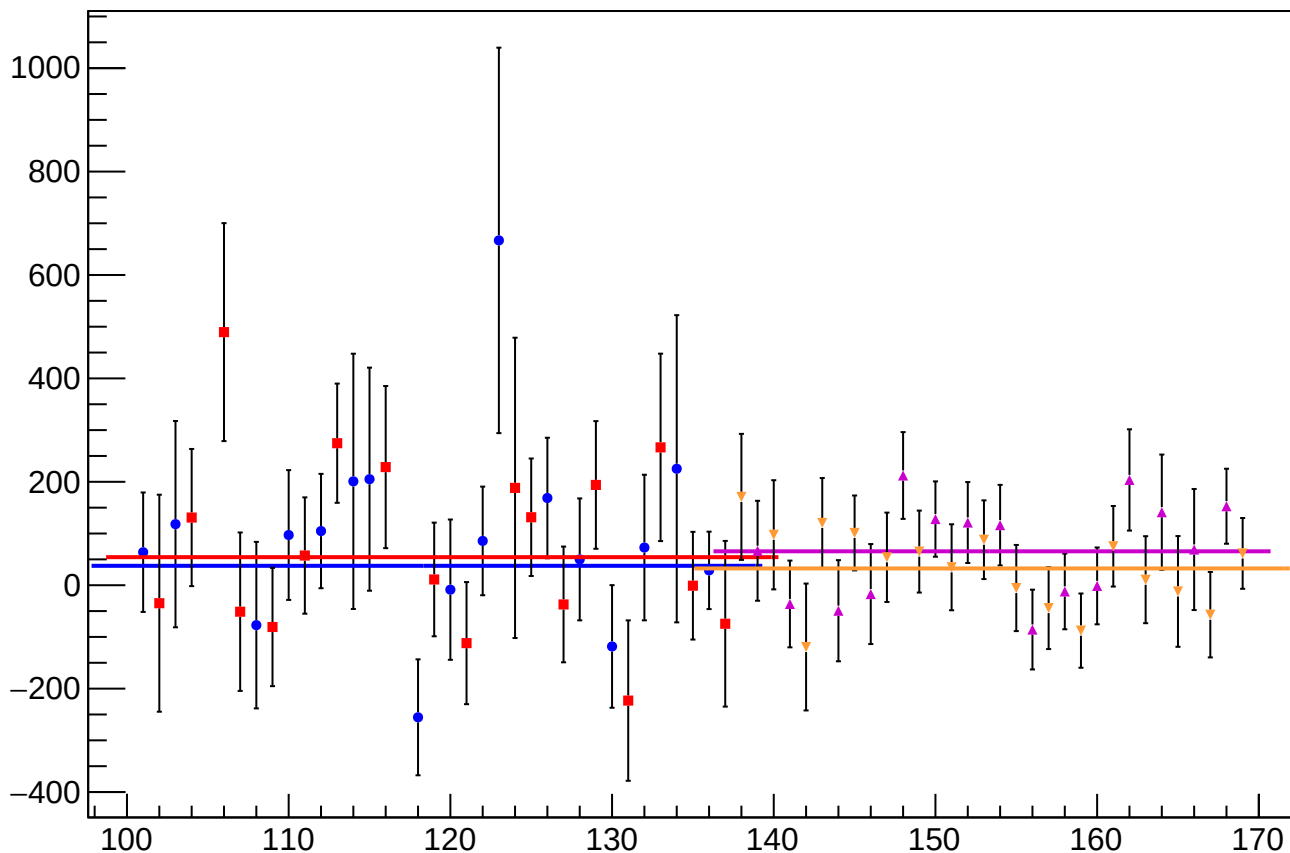
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 215.220 $\pm$ 0.038 χ^2 /NDF: 4150960.7/31

Out: 213.895 $\pm$ 0.036 χ^2 /NDF: 4783734.8/34

All: 214.532 $\pm$ 0.026 χ^2 /NDF: 8935336.4/66

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 32.475 $\pm$ 20.381 χ^2 /NDF:11.7/16

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 65.600 $\pm$ 21.807 χ^2 /NDF:18.0/14

Left: 47.919 $\pm$ 14.890 χ^2 /NDF: 30.9/31

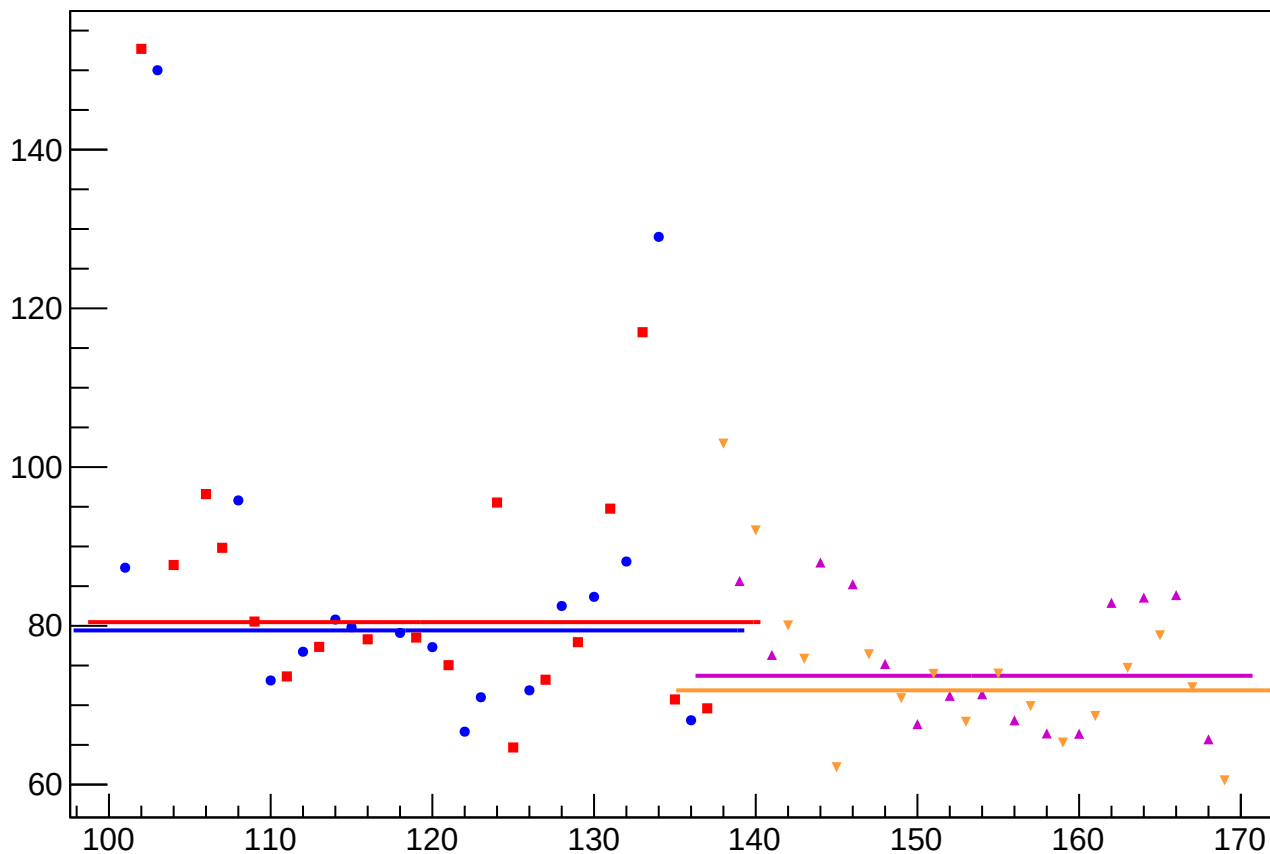
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 56.492 $\pm$ 17.923 χ^2 /NDF:34.4/31

Out: 38.911 $\pm$ 17.110 χ^2 /NDF:33.9/34

All: 47.294 $\pm$ 12.376 χ^2 /NDF: 68.7/66

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: 71.873 $\pm$ 0.014 χ^2 /NDF:352762.8/16

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 73.707 $\pm$ 0.015 χ^2 /NDF:244304.2/14

Left: 72.728 $\pm$ 0.011 χ^2 /NDF: 604618.2/31

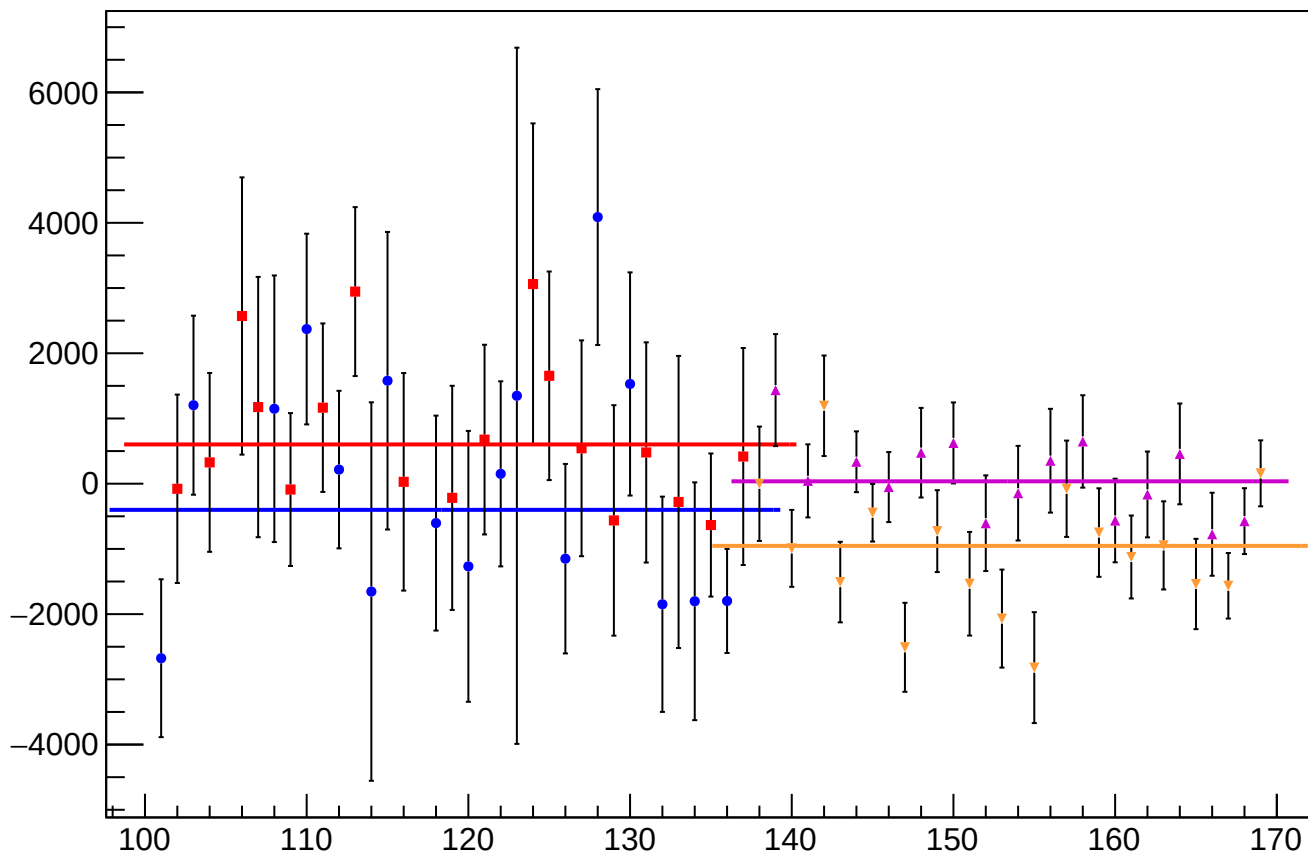
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 75.561 $\pm$ 0.013 χ^2 /NDF:727927.3/31

Out: 74.410 $\pm$ 0.012 χ^2 /NDF:912098.4/34

All: 74.959 $\pm$ 0.009 χ^2 /NDF: 1644347.1/66

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: -953.337 $\pm$ 154.936 χ^2 /NDF:32.6/16

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 36.514 $\pm$ 163.378 χ^2 /NDF:10.5/14

Left: -484.644 $\pm$ 112.422 χ^2 /NDF: 62.4/31

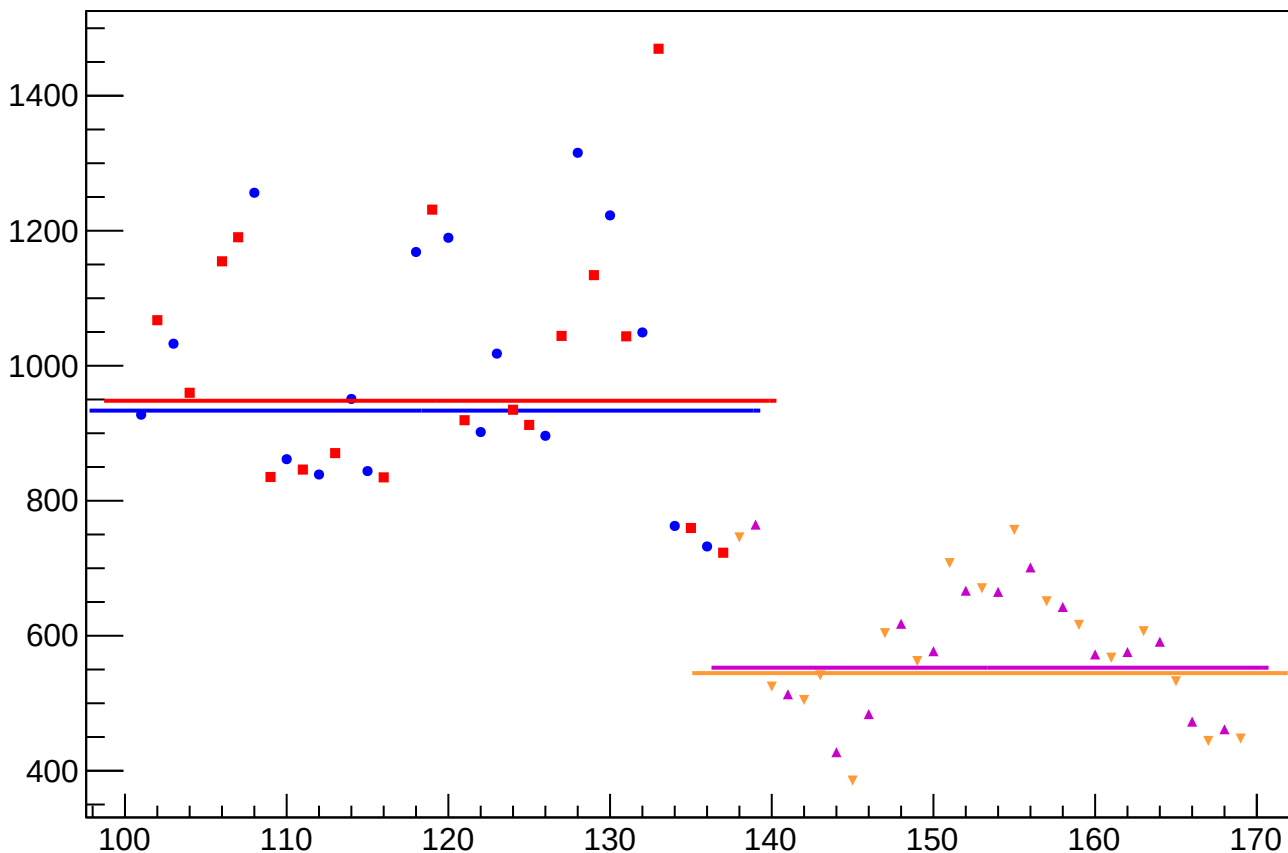
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: -35.373 $\pm$ 149.355 χ^2 /NDF:33.6/31

Out: -714.417 $\pm$ 142.539 χ^2 /NDF:56.7/34

All: -390.743 $\pm$ 103.116 χ^2 /NDF: 101.1/66

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: 544.636 $\pm$ 0.110 χ^2 /NDF:891564.5/16

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 552.681 $\pm$ 0.116 χ^2 /NDF:634157.2/14

Left: 548.445 $\pm$ 0.079 χ^2 /NDF: 1528275.1/31

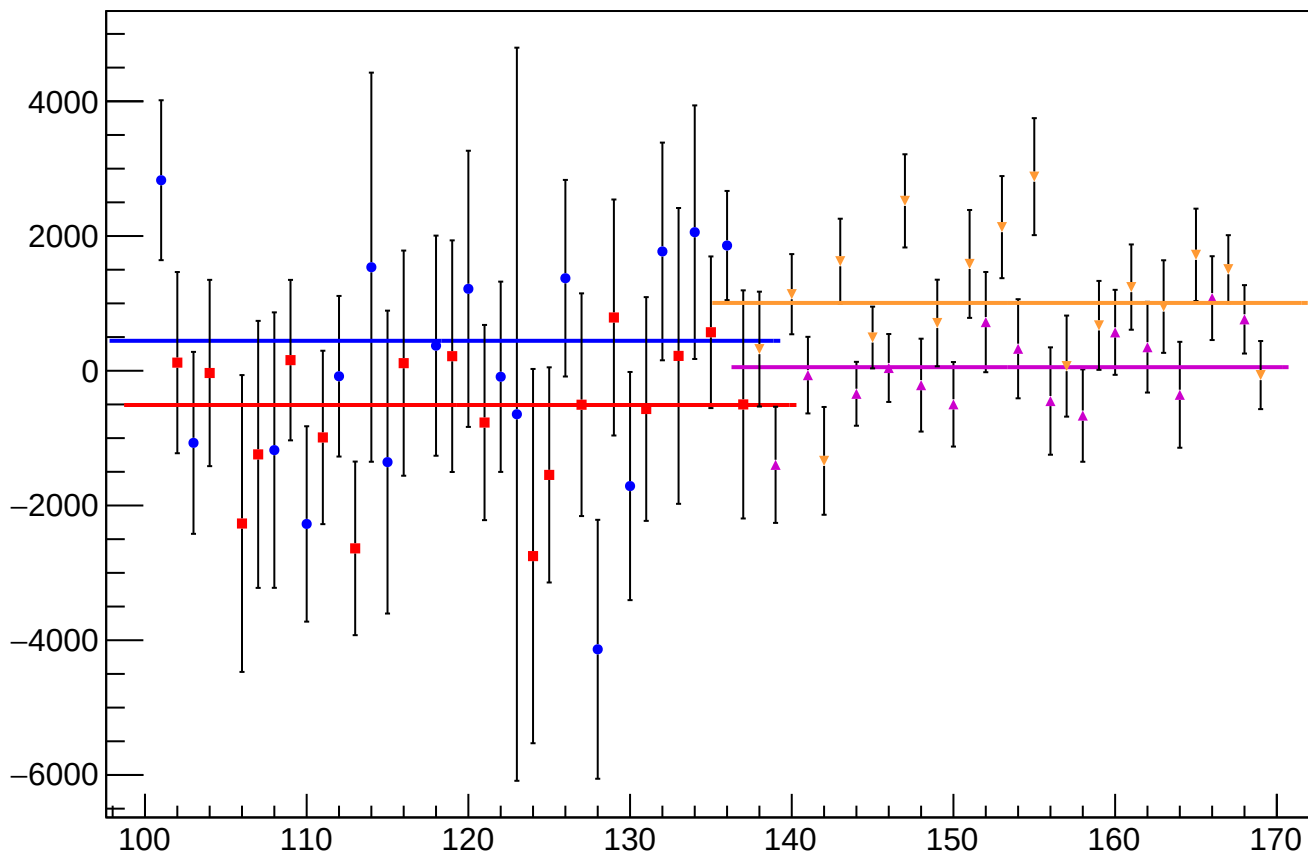
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 615.251 $\pm$ 0.106 χ^2 /NDF:2861998.9/31

Out: 606.622 $\pm$ 0.101 χ^2 /NDF:3380545.9/34

All: 610.735 $\pm$ 0.073 χ^2 /NDF: 6246038.4/66

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1006.834+/-156.515 χ^2/NDF : 32.4/16

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: 53.315+/-163.036 χ^2/NDF : 12.7/14

Left: 549.526+/-112.908 χ^2/NDF : 63.0/31

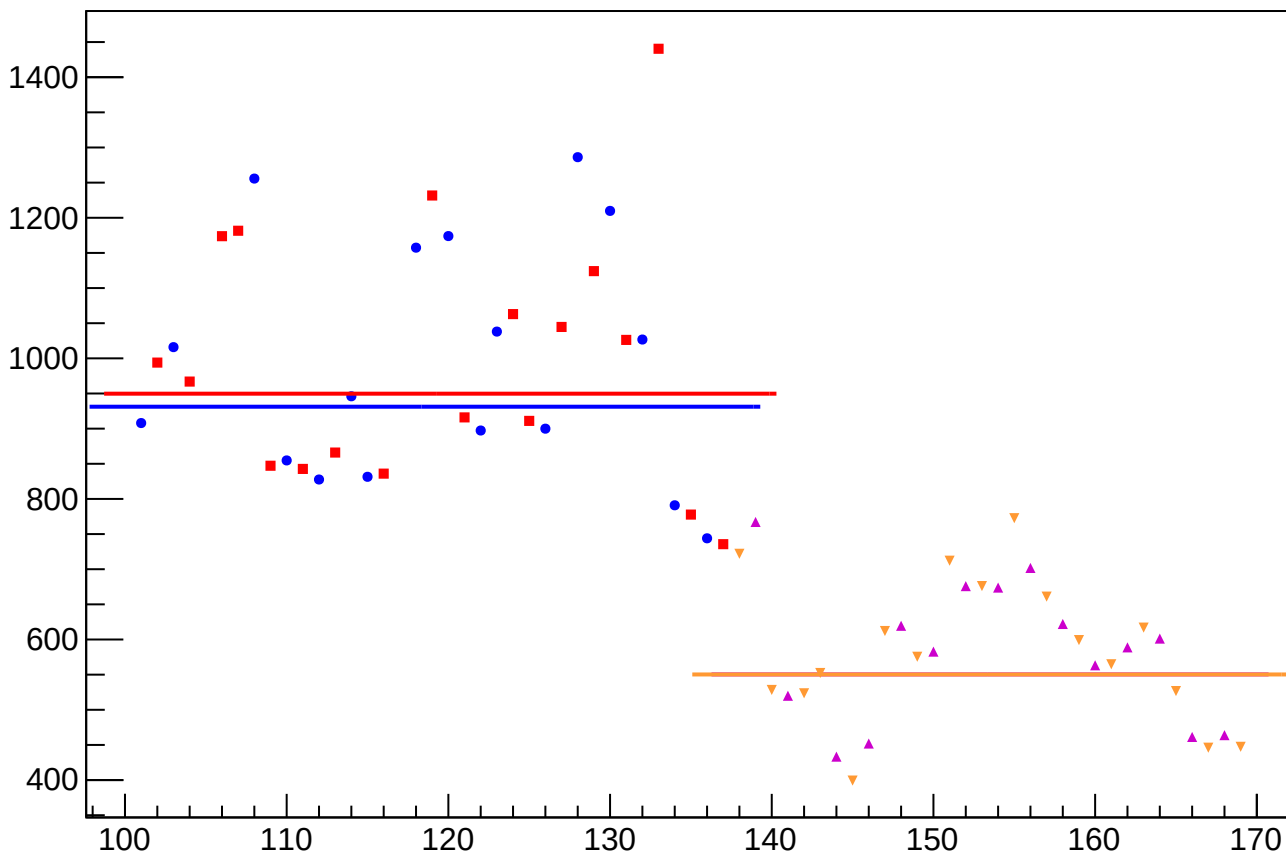
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 117.790+/-149.002 χ^2/NDF : 36.6/31

Out: 770.551+/-143.793 χ^2/NDF : 54.3/34

All: 455.780+/-103.470 χ^2/NDF : 100.9/66

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 550.266 $\pm$ 0.111 χ^2/NDF :834881.3/16

Right Out: 949.740 $\pm$ 0.257 χ^2/NDF : 365550.8/17

Left In: 550.346 $\pm$ 0.115 χ^2/NDF :677914.0/14

Left: 550.305 $\pm$ 0.080 χ^2/NDF : 1512795.6/31

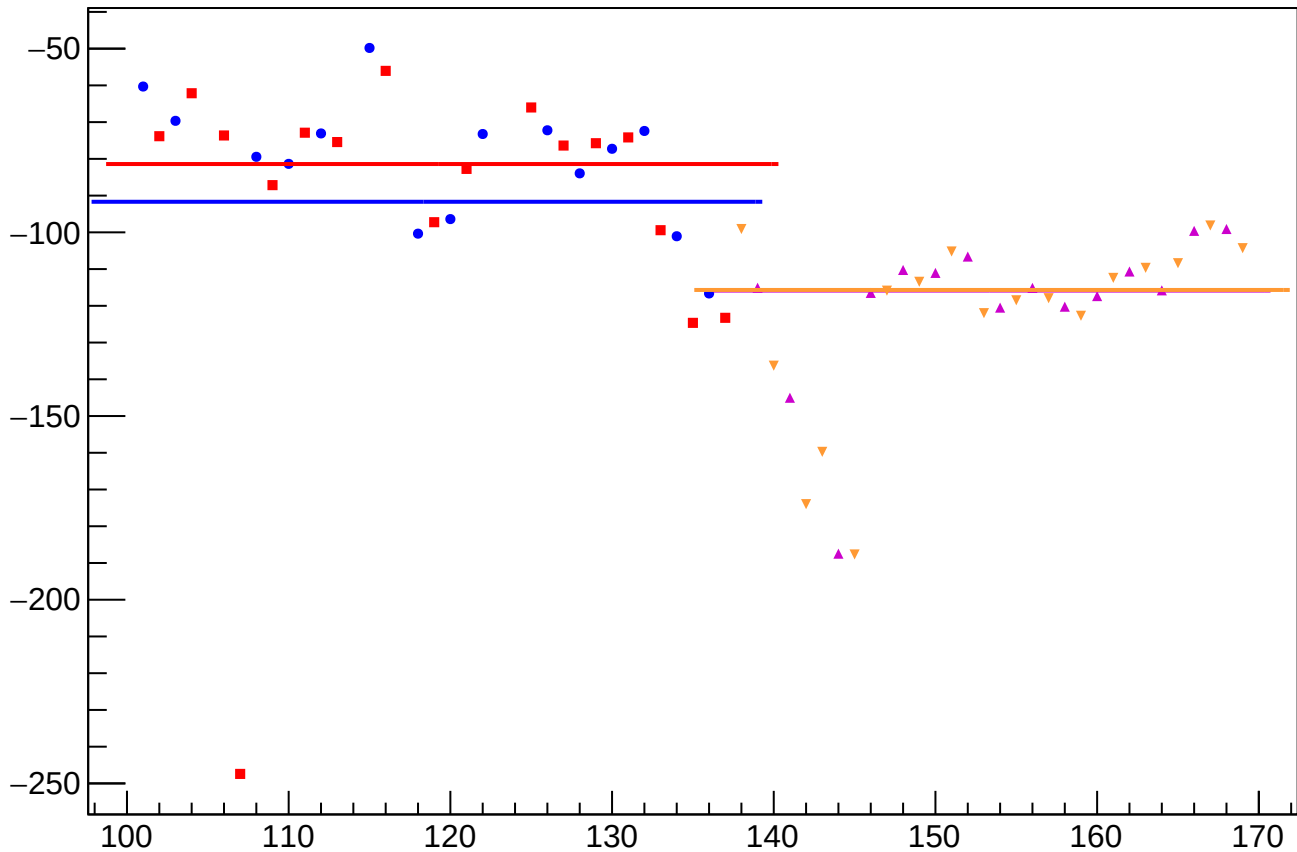
Right: 940.547 $\pm$ 0.183 χ^2/NDF : 768363.9/34

In: 613.092 $\pm$ 0.105 χ^2/NDF :2876214.4/31

Out: 612.567 $\pm$ 0.102 χ^2/NDF :3232330.6/34

All: 612.820 $\pm$ 0.073 χ^2/NDF : 6108557.9/66

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -115.683 ± 0.066 χ^2/NDF : 36282.7/16

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -115.854 ± 0.064 χ^2/NDF : 65873.5/14

Left: -115.772 ± 0.046 χ^2/NDF : 102159.7/31

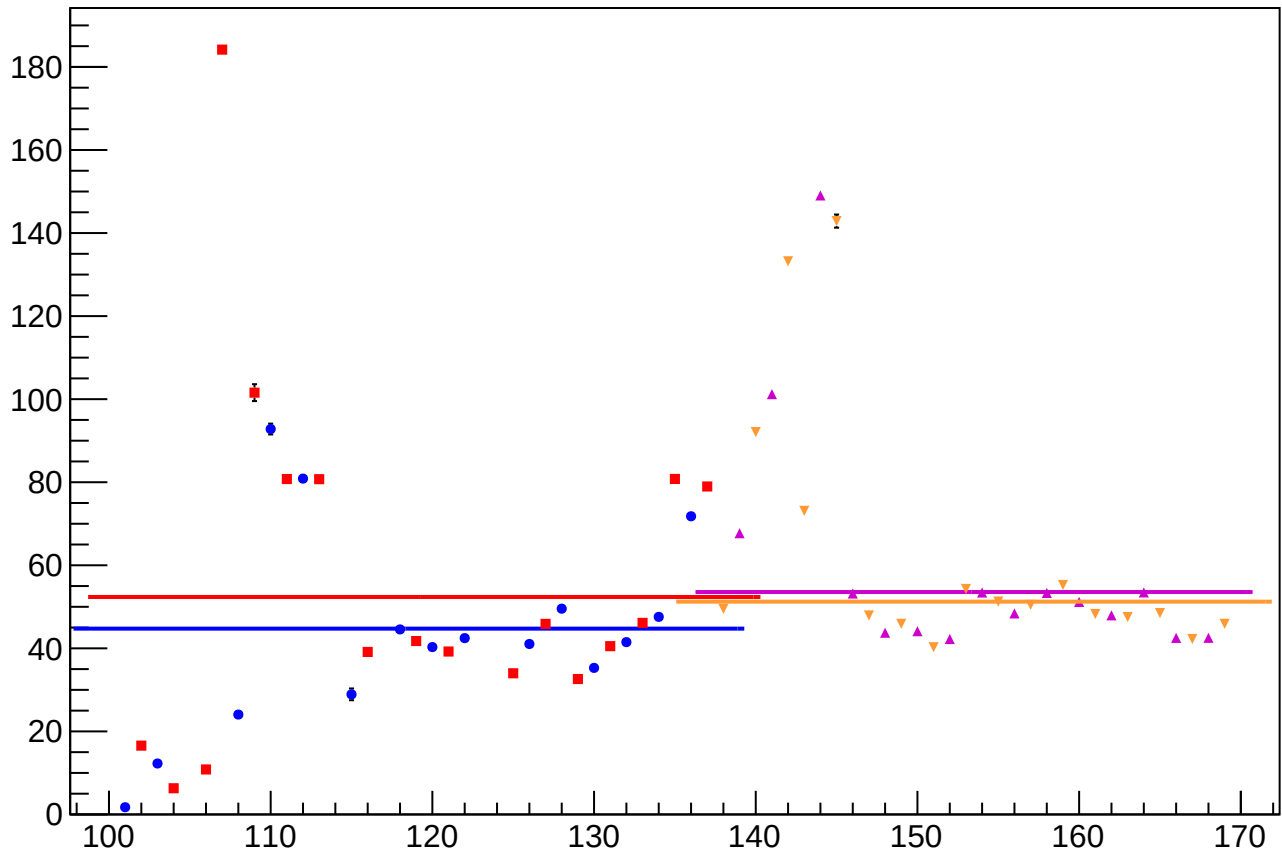
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -104.901 ± 0.047 χ^2/NDF : 195479.7/29

Out: -105.020 ± 0.055 χ^2/NDF : 161472.9/33

All: -104.952 ± 0.036 χ^2/NDF : 356955.3/63

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 51.238 $\pm$ 0.055 χ^2/NDF :46689.7/16

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 53.558 $\pm$ 0.055 χ^2/NDF :120701.3/14

Left: 52.393 $\pm$ 0.039 χ^2/NDF : 168278.7/31

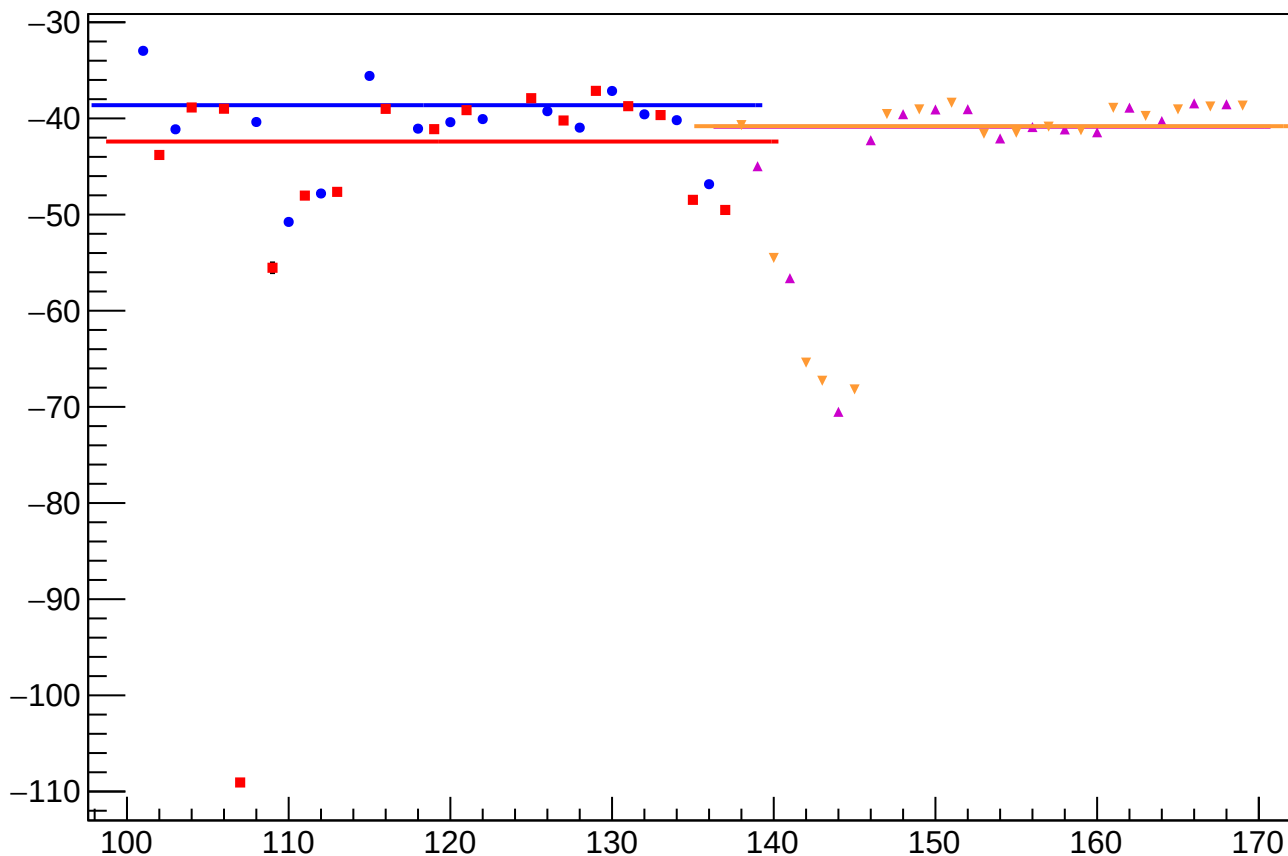
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 49.562 $\pm$ 0.041 χ^2/NDF :216971.6/29

Out: 51.455 $\pm$ 0.049 χ^2/NDF :116056.0/33

All: 50.330 $\pm$ 0.031 χ^2/NDF : 333901.8/63

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.809 ± 0.008 χ^2/NDF : 201913.1/16

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -40.866 ± 0.009 χ^2/NDF : 154985.5/14

Left: -40.834 ± 0.006 χ^2/NDF : 356920.1/31

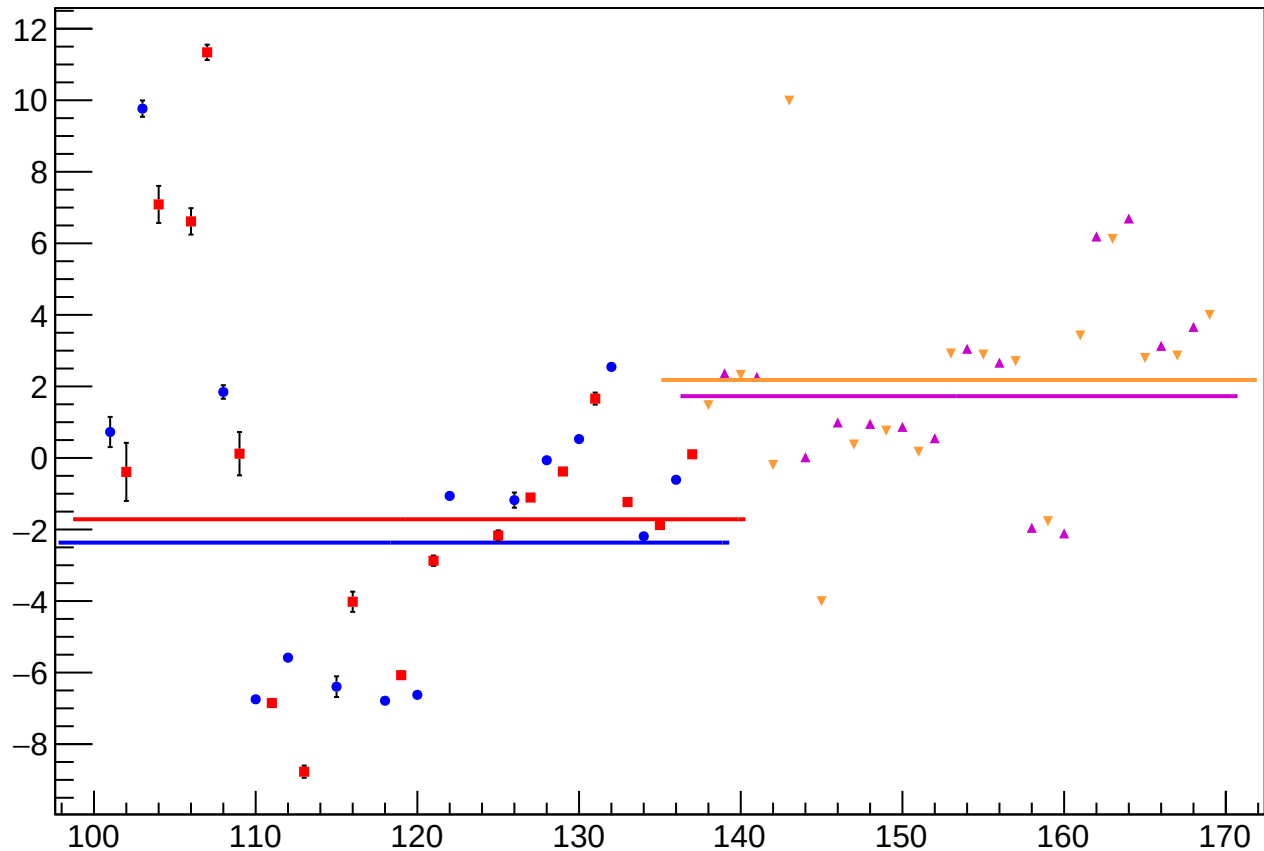
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.629 ± 0.006 χ^2/NDF : 427989.4/29

Out: -41.013 ± 0.008 χ^2/NDF : 475961.7/33

All: -40.175 ± 0.005 χ^2/NDF : 923999.7/63

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.181 ± 0.009 χ^2/NDF : 75763.3/16

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.727 ± 0.008 χ^2/NDF : 81481.5/14

Left: 1.940 ± 0.006 χ^2/NDF : 158703.9/31

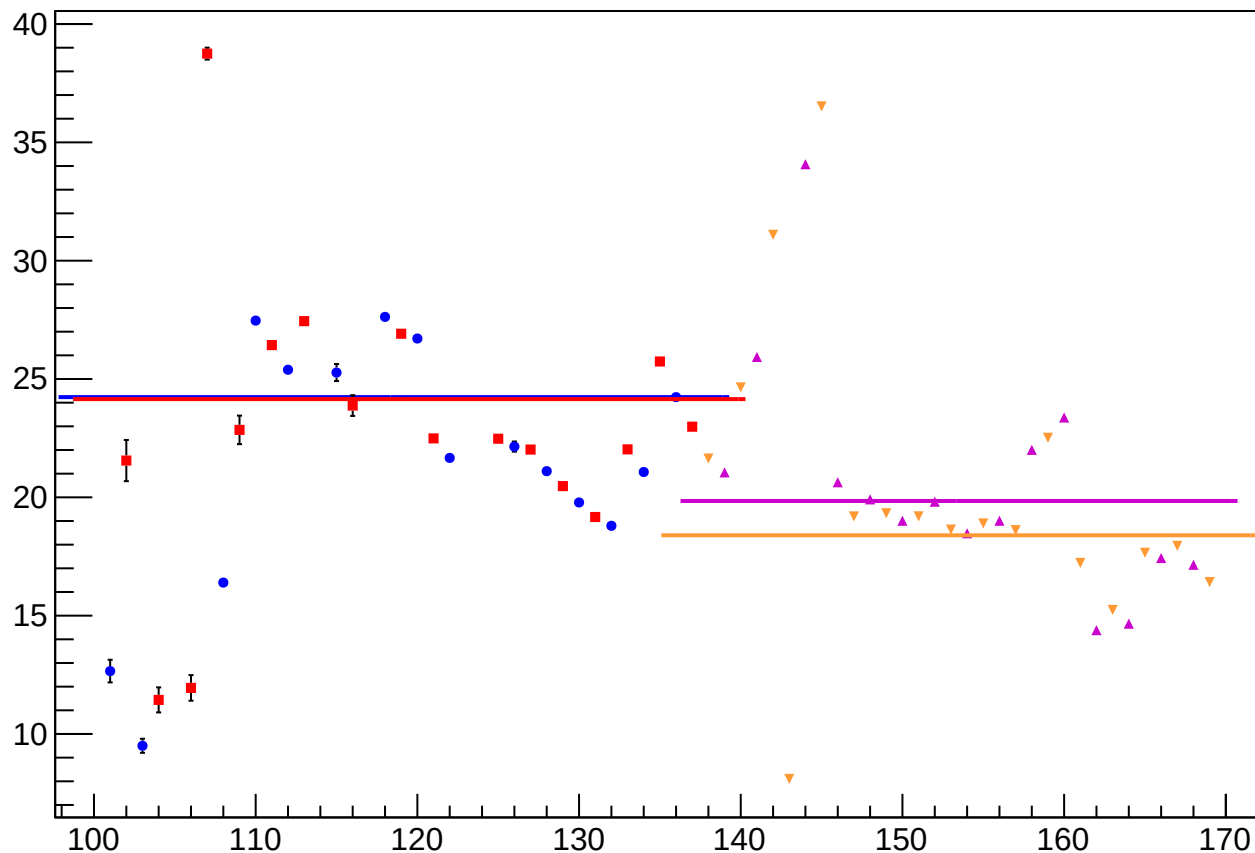
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.703 ± 0.007 χ^2/NDF : 173730.9/29

Out: 1.818 ± 0.008 χ^2/NDF : 107373.6/33

All: 1.173 ± 0.005 χ^2/NDF : 291687.3/63

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.396 $\pm$ 0.009 χ^2 /NDF: 77042.8/16

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.846 $\pm$ 0.008 χ^2 /NDF: 93638.1/14

Left: 19.149 $\pm$ 0.006 χ^2 /NDF: 185262.2/31

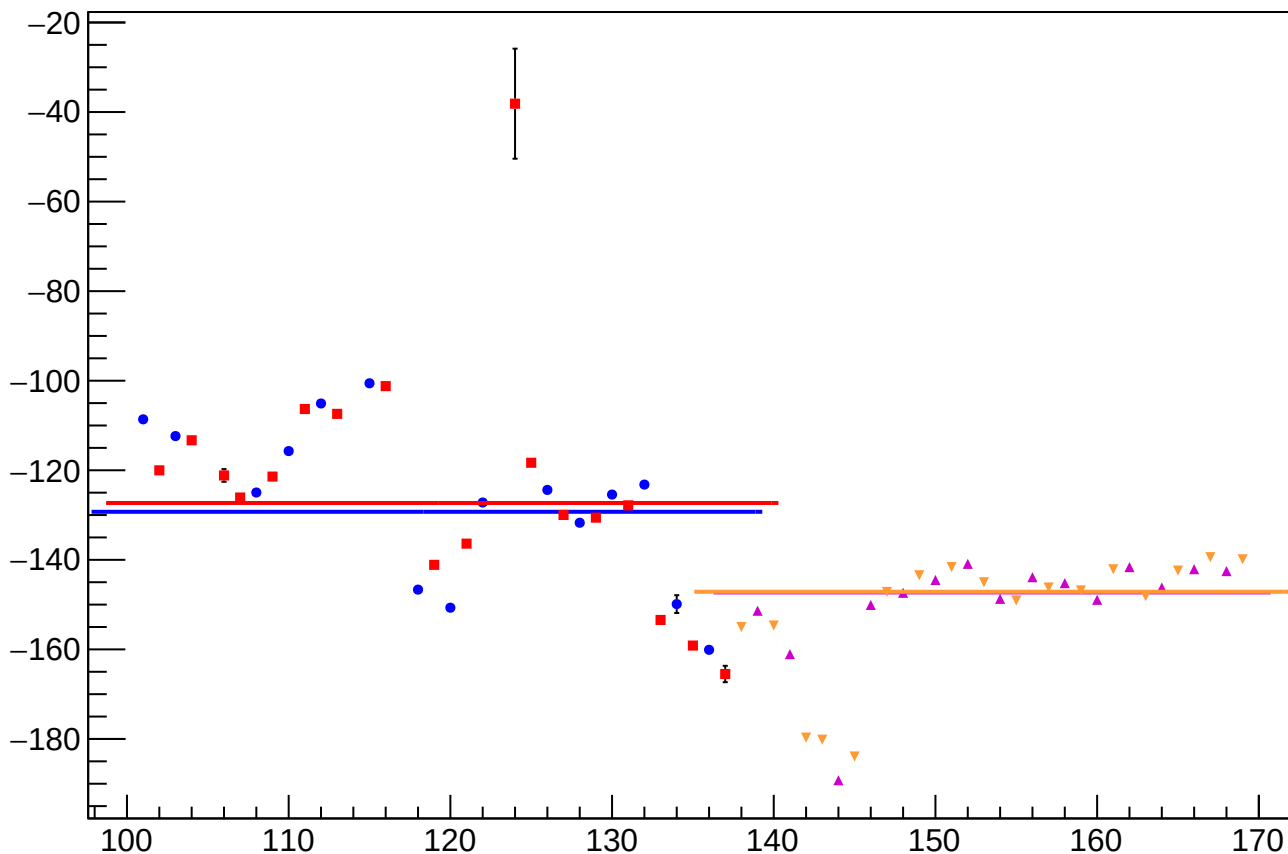
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.395 $\pm$ 0.008 χ^2 /NDF: 150289.1/29

Out: 19.040 $\pm$ 0.008 χ^2 /NDF: 139773.0/33

All: 19.748 $\pm$ 0.006 χ^2 /NDF: 304500.5/63

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -147.126+/-0.054 χ^2/NDF : 34333.2/16

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -147.280+/-0.055 χ^2/NDF : 23126.3/14

Left: -147.201+/-0.039 χ^2/NDF : 57463.4/31

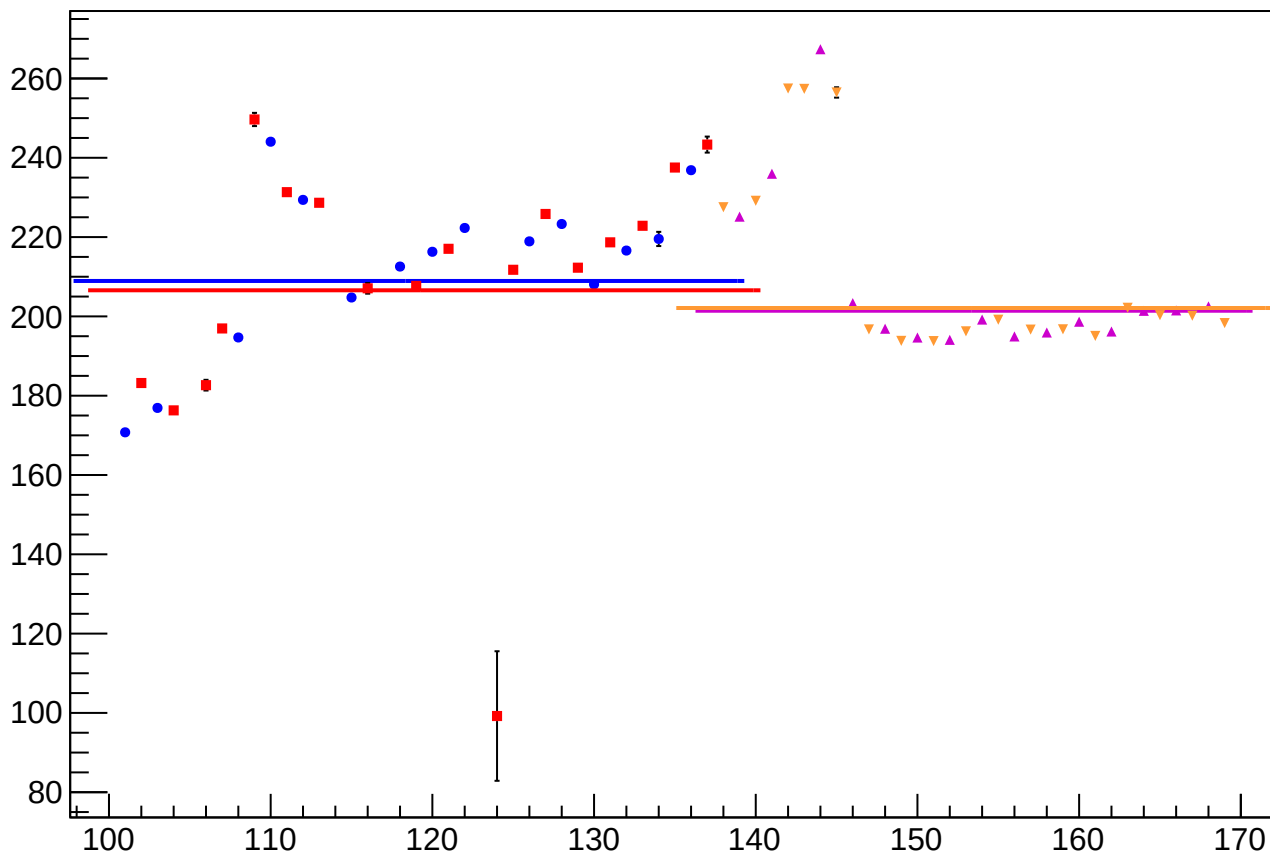
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -142.167+/-0.047 χ^2/NDF : 88374.9/29

Out: -141.373+/-0.045 χ^2/NDF : 103163.0/34

All: -141.758+/-0.033 χ^2/NDF : 191686.0/64

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.115 $\pm$ 0.046 χ^2/NDF :103931.3/16

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 201.427 $\pm$ 0.047 χ^2/NDF :76183.9/14

Left: 201.781 $\pm$ 0.033 χ^2/NDF : 180224.9/31

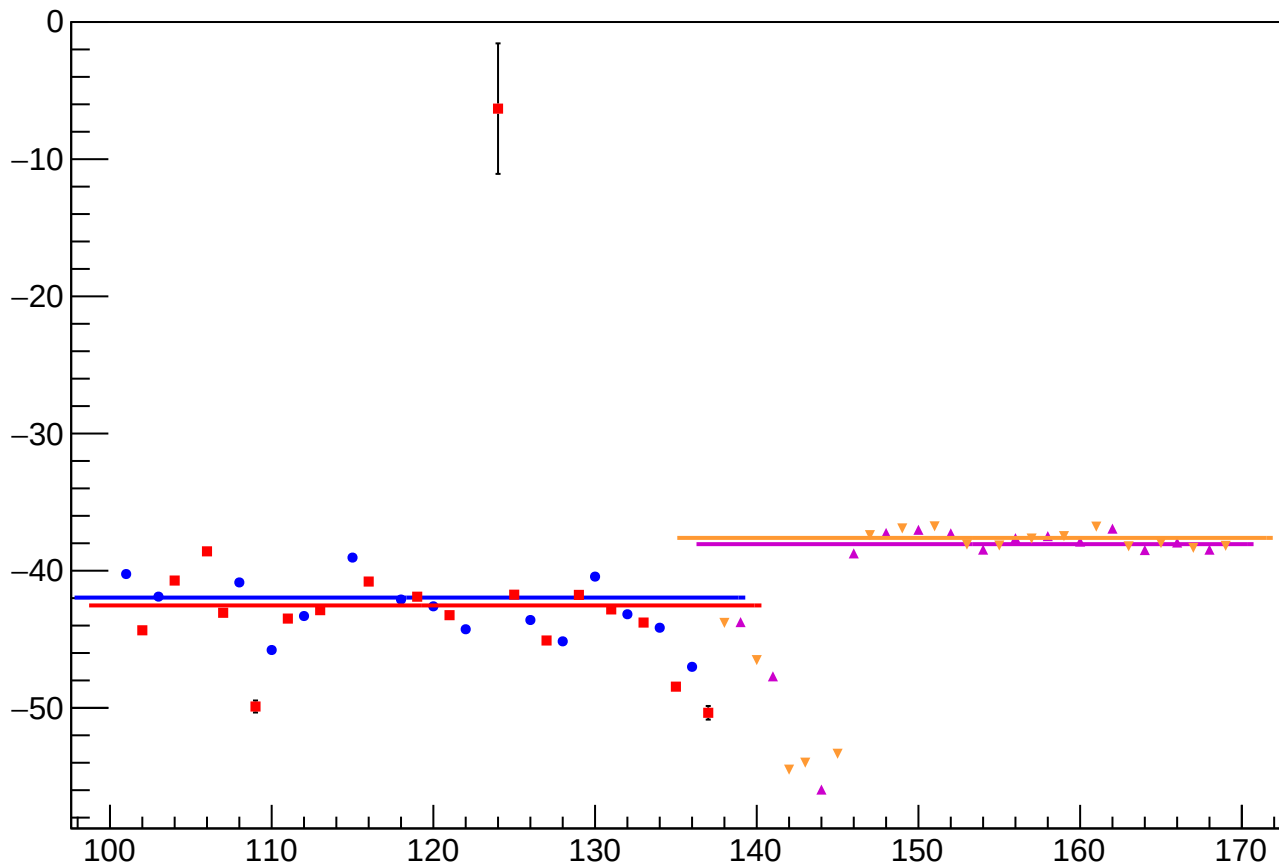
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 203.065 $\pm$ 0.042 χ^2/NDF :126405.2/29

Out: 203.153 $\pm$ 0.040 χ^2/NDF :154354.7/34

All: 203.111 $\pm$ 0.029 χ^2/NDF : 280762.2/64

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.608 ± 0.004 χ^2/NDF : 222448.6/16

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.064 ± 0.005 χ^2/NDF : 133223.9/14

Left: -37.810 ± 0.003 χ^2/NDF : 360368.3/31

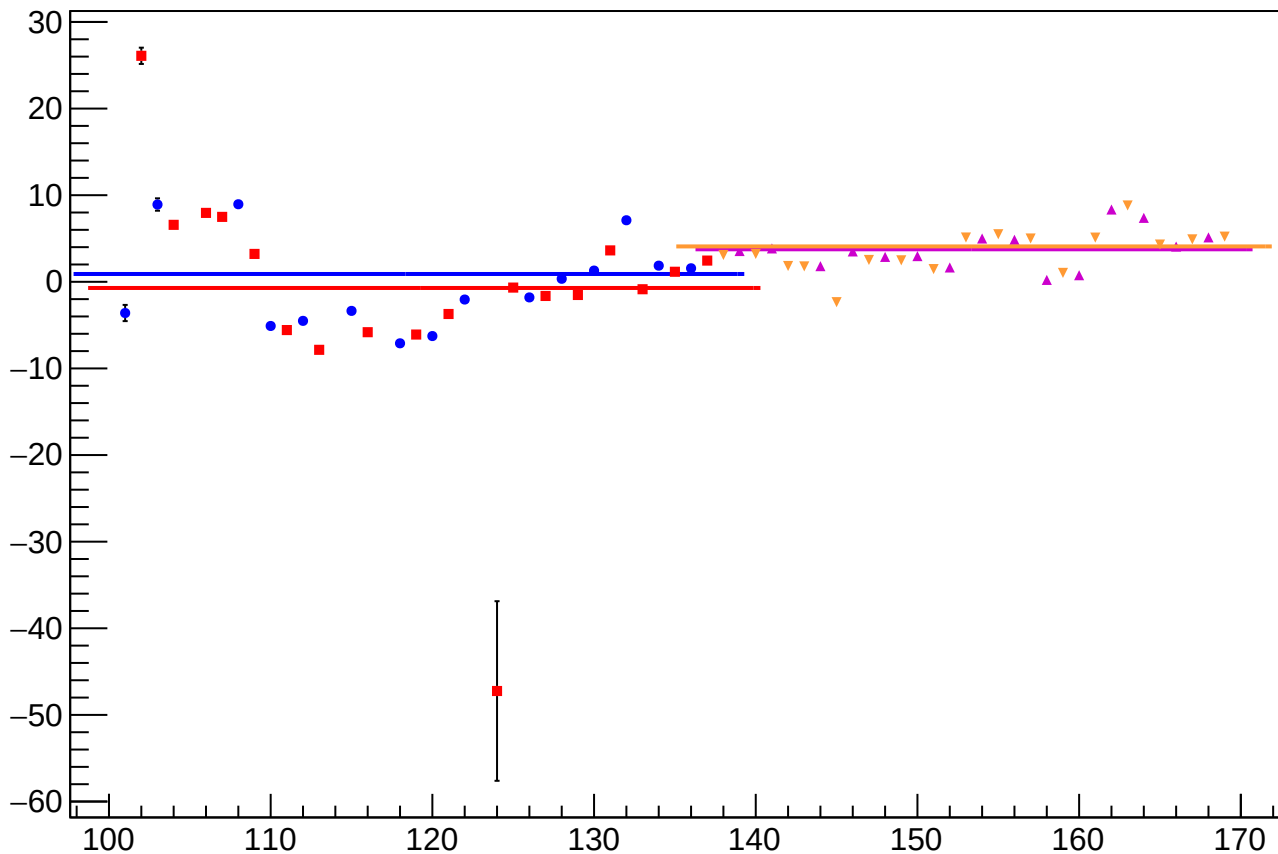
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.423 ± 0.005 χ^2/NDF : 214007.6/29

Out: -37.824 ± 0.004 χ^2/NDF : 282926.3/34

All: -38.096 ± 0.003 χ^2/NDF : 505656.5/64

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 4.086 ± 0.007 $\chi^2/\text{NDF}: 87640.0/16$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.753 ± 0.008 $\chi^2/\text{NDF}: 64493.7/14$

Left: 3.952 ± 0.005 $\chi^2/\text{NDF}: 153142.6/31$

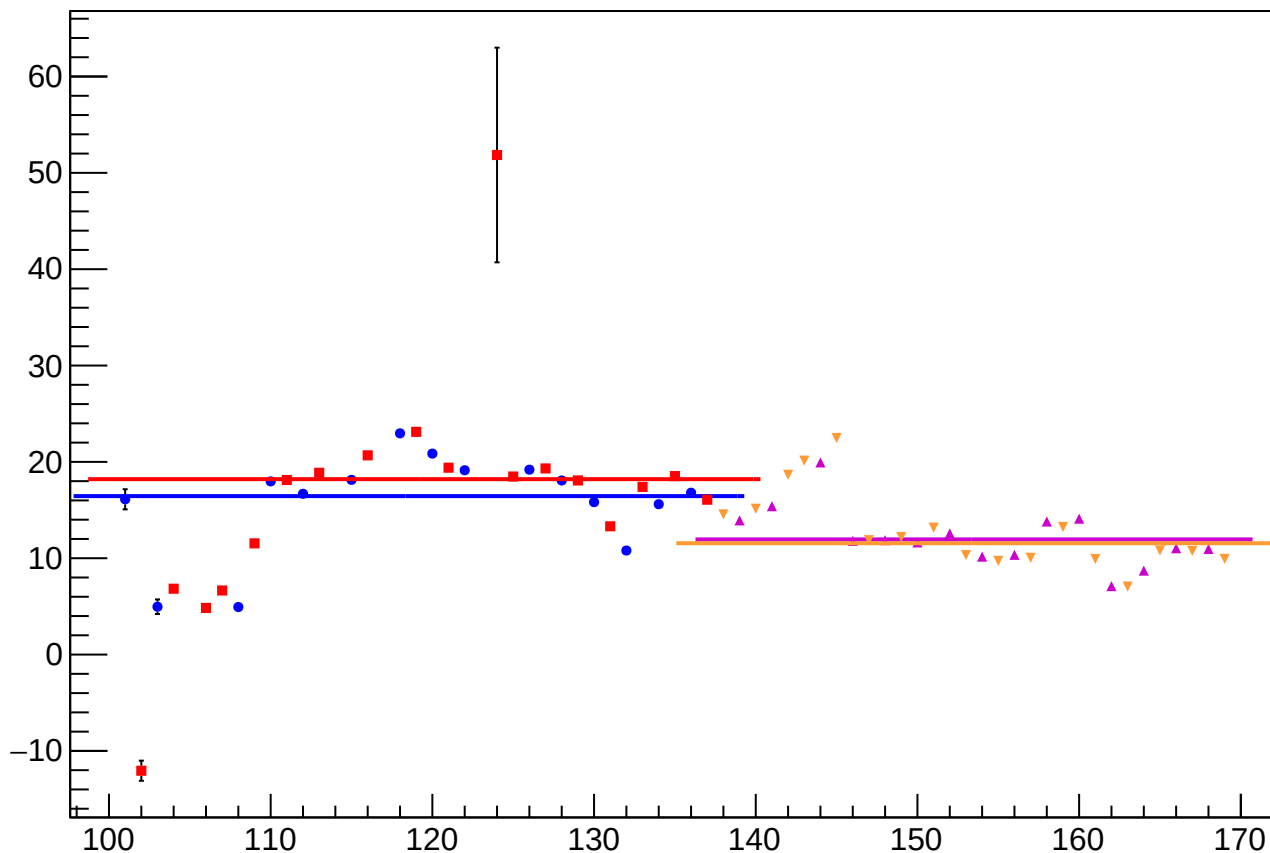
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 3.354 ± 0.008 $\chi^2/\text{NDF}: 103022.4/29$

Out: 3.754 ± 0.006 $\chi^2/\text{NDF}: 154627.2/34$

All: 3.585 ± 0.005 $\chi^2/\text{NDF}: 259290.2/64$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.556 $\pm$ 0.009 χ^2 /NDF: 94123.6/16

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.953 $\pm$ 0.010 χ^2 /NDF: 45955.5/14

Left: 11.726 $\pm$ 0.007 χ^2 /NDF: 140963.2/31

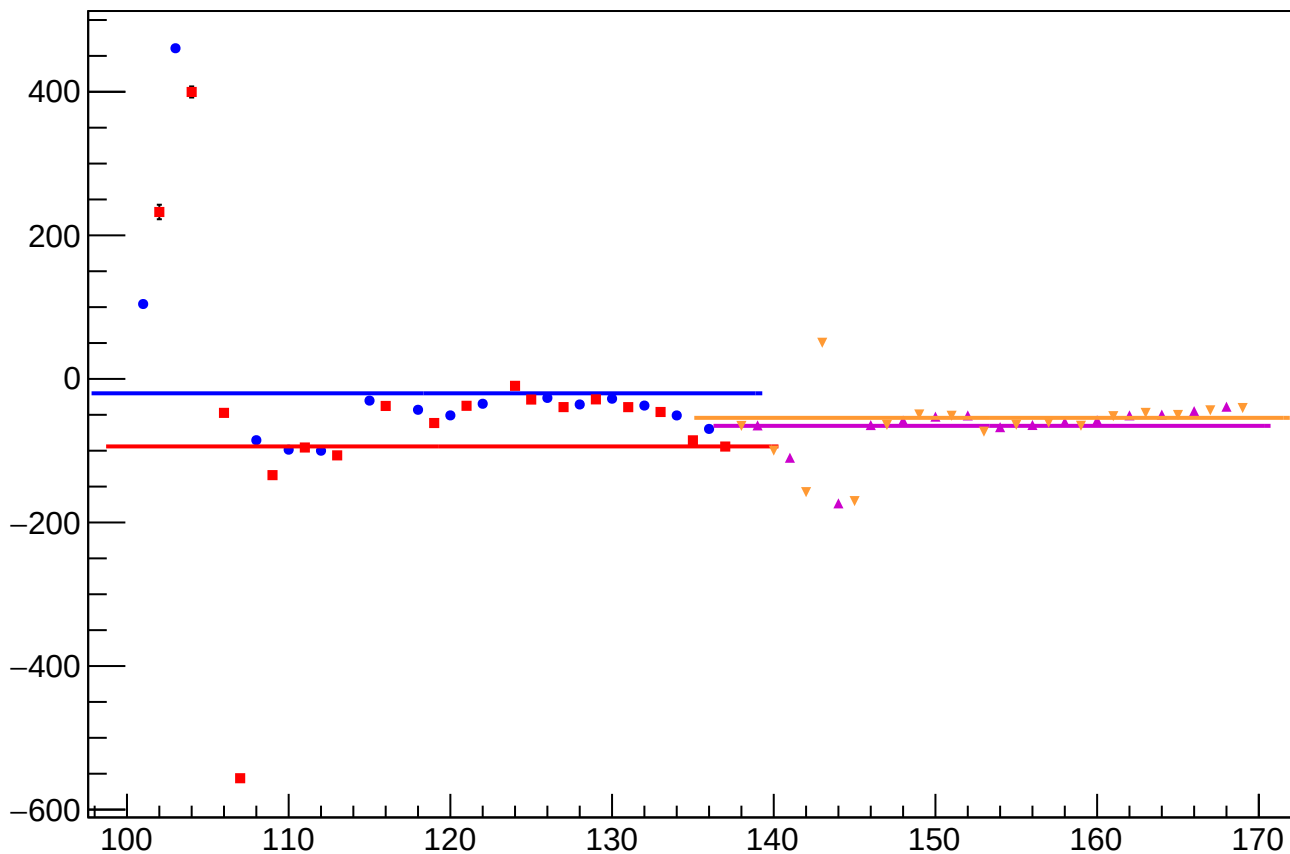
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.608 $\pm$ 0.009 χ^2 /NDF: 89103.0/29

Out: 12.585 $\pm$ 0.008 χ^2 /NDF: 211193.1/34

All: 12.595 $\pm$ 0.006 χ^2 /NDF: 300299.7/64

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -54.231+/-0.102 χ^2/NDF : 51825.5/16

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -65.385+/-0.136 χ^2/NDF : 41730.6/14

Left: -58.249+/-0.081 χ^2/NDF : 97874.9/31

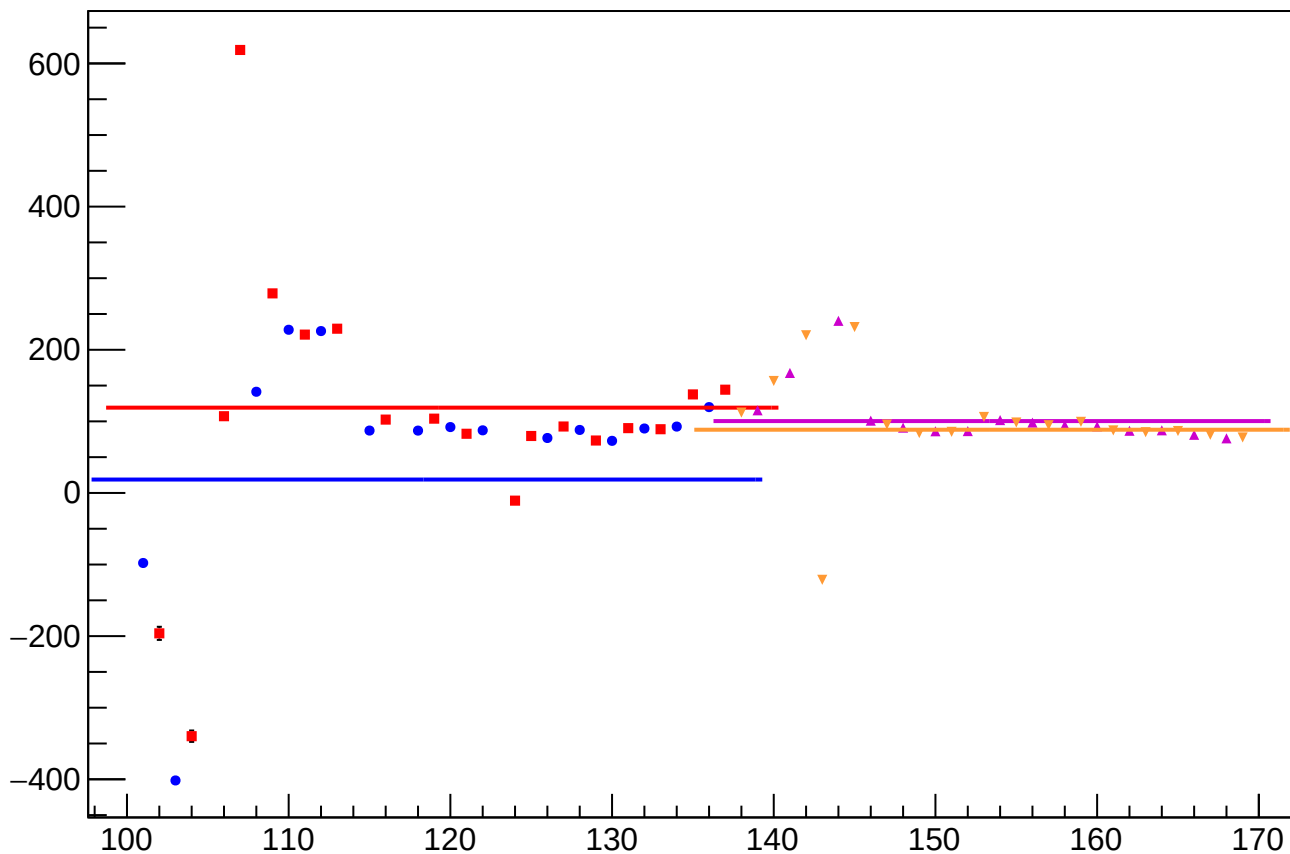
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -45.440+/-0.102 χ^2/NDF : 532244.2/29

Out: -93.466+/-0.012 χ^2/NDF : 289871.1/34

All: -92.767+/-0.012 χ^2/NDF : 1042347.6/64

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 88.328 ± 0.090 $\chi^2/\text{NDF}: 170637.2/16$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 100.397 ± 0.117 $\chi^2/\text{NDF}: 63037.2/14$

Left: 92.816 ± 0.071 $\chi^2/\text{NDF}: 240353.3/31$

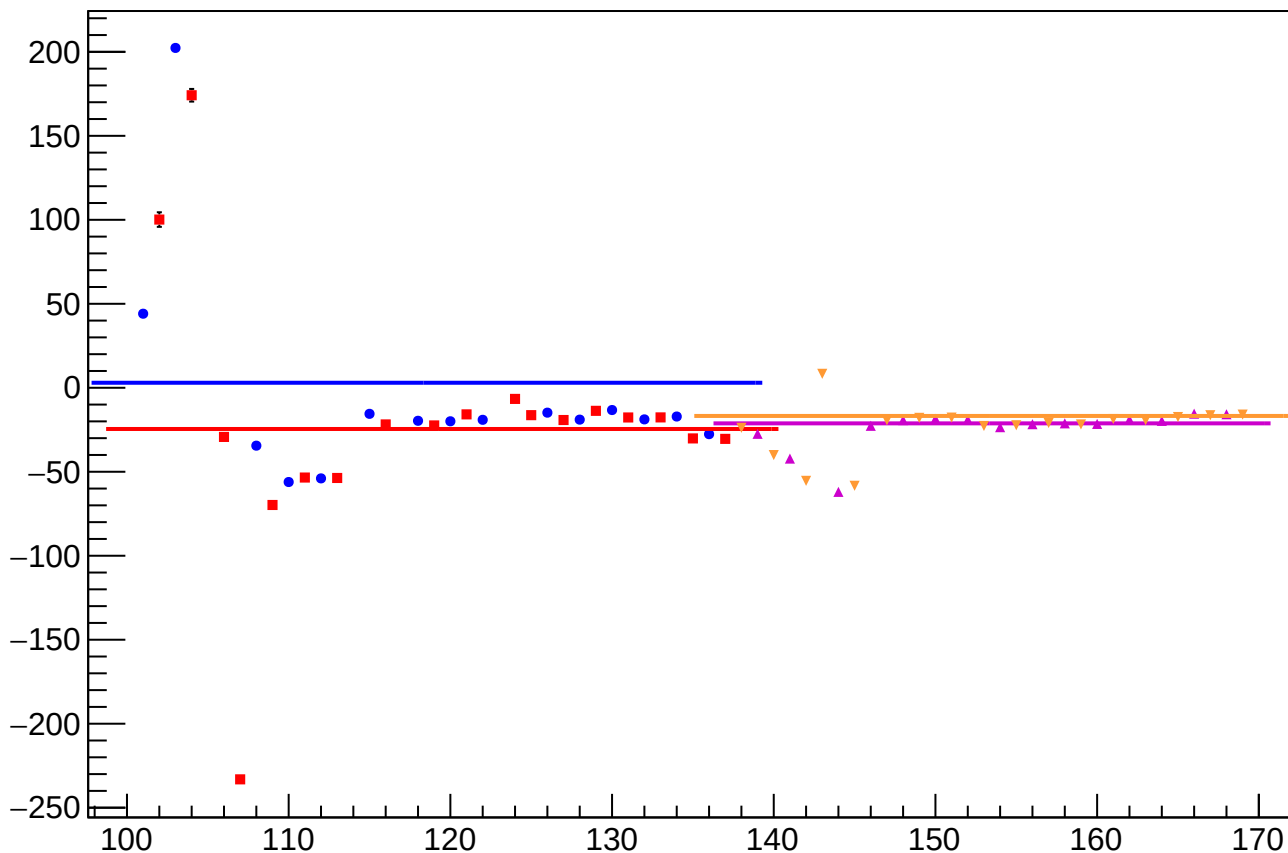
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 70.018 ± 0.093 $\chi^2/\text{NDF}: 1345944.4/29$

Out: 93.560 ± 0.082 $\chi^2/\text{NDF}: 277978.8/34$

All: 83.222 ± 0.061 $\chi^2/\text{NDF}: 1660054.4/64$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.769 ± 0.013 $\chi^2/\text{NDF}: 570571.2/16$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -21.187 ± 0.016 $\chi^2/\text{NDF}: 132165.4/14$

Left: -18.540 ± 0.010 $\chi^2/\text{NDF}: 745984.6/31$

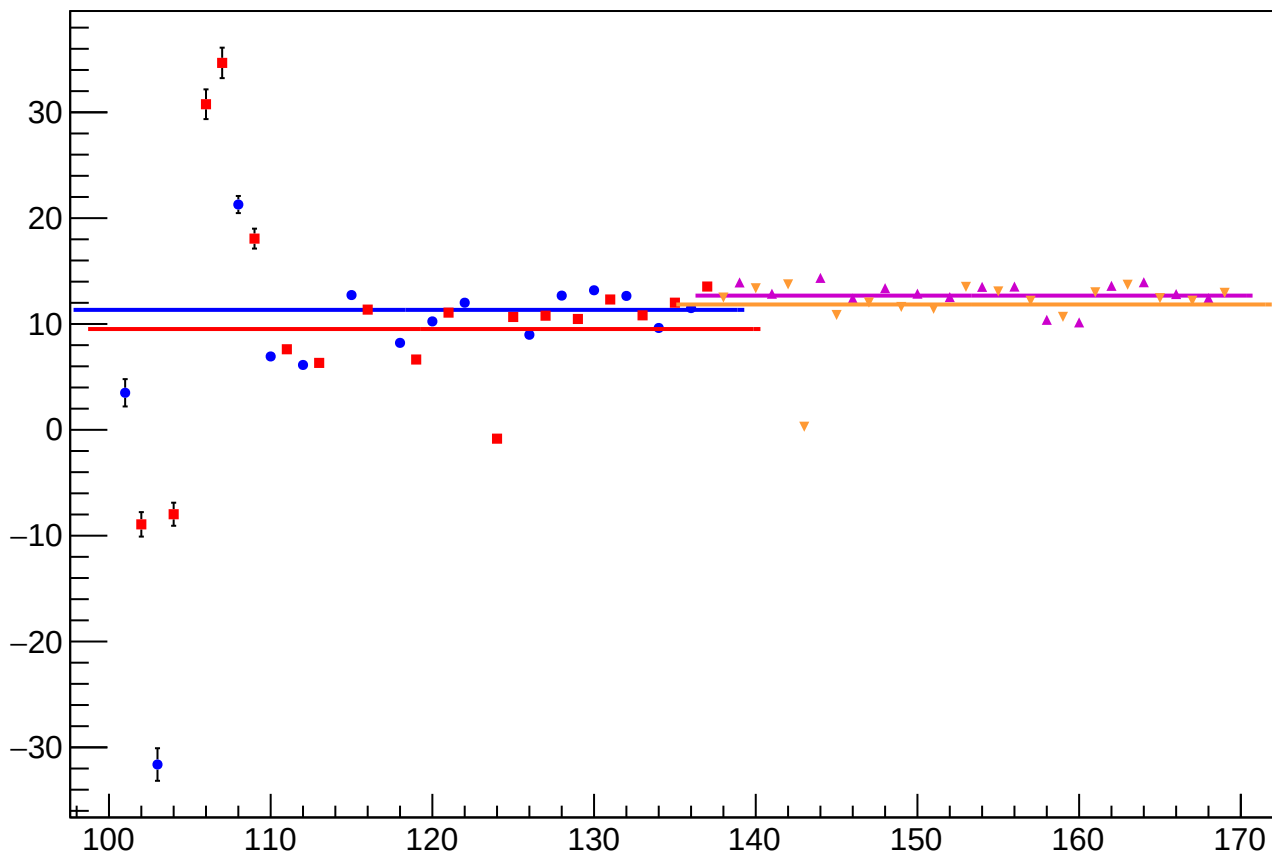
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.604 ± 0.014 $\chi^2/\text{NDF}: 4217438.7/29$

Out: -17.443 ± 0.013 $\chi^2/\text{NDF}: 775980.1/34$

All: -16.148 ± 0.009 $\chi^2/\text{NDF}: 5015678.5/64$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 11.844 ± 0.016 $\chi^2/\text{NDF}: 30661.1/16$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 12.681 ± 0.015 $\chi^2/\text{NDF}: 4970.3/14$

Left: 12.307 ± 0.011 $\chi^2/\text{NDF}: 37063.9/31$

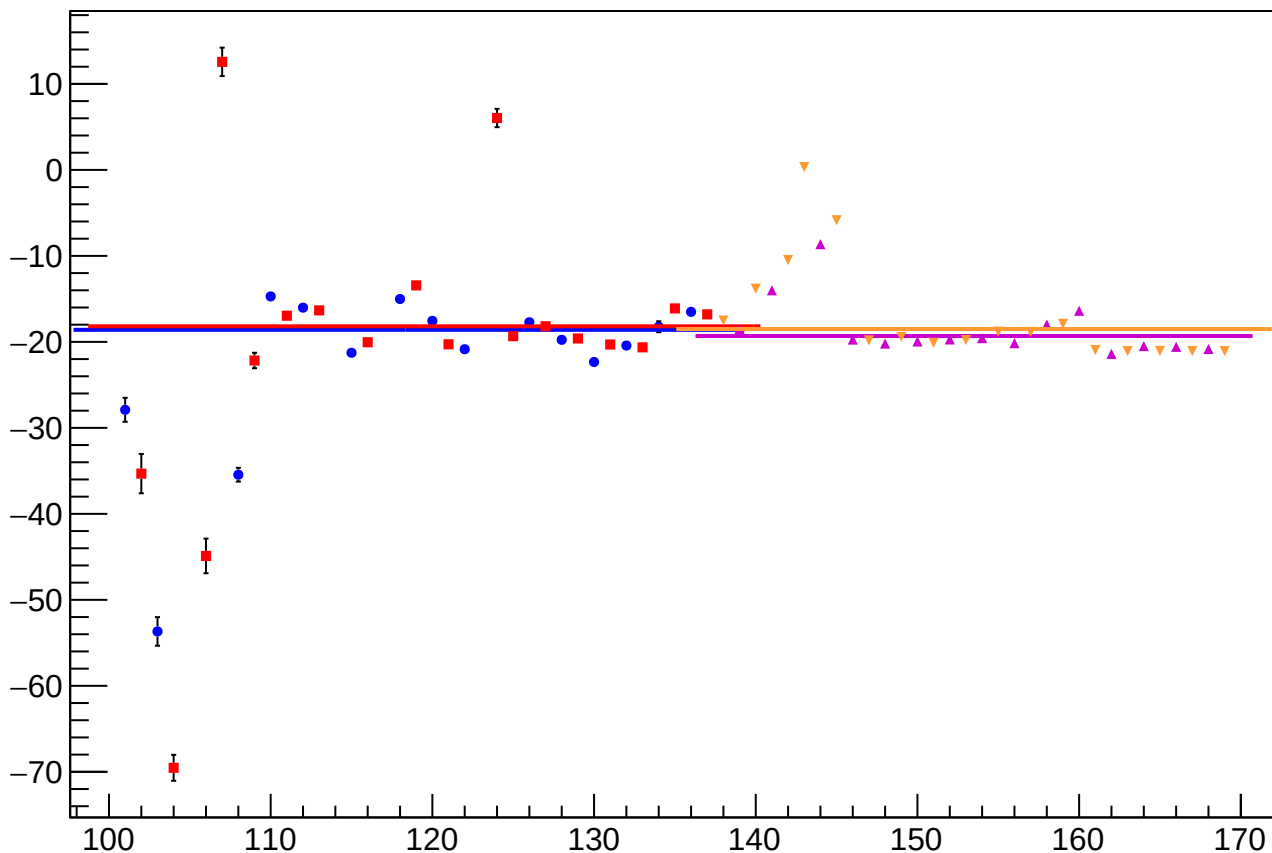
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.499 ± 0.014 $\chi^2/\text{NDF}: 8500.0/29$

Out: 11.599 ± 0.016 $\chi^2/\text{NDF}: 36816.5/34$

All: 12.105 ± 0.010 $\chi^2/\text{NDF}: 47190.2/64$

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -18.504 ± 0.019 χ^2/NDF : 52432.4/16

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.319 ± 0.019 χ^2/NDF : 9498.1/14

Left: -18.916 ± 0.013 χ^2/NDF : 62888.4/31

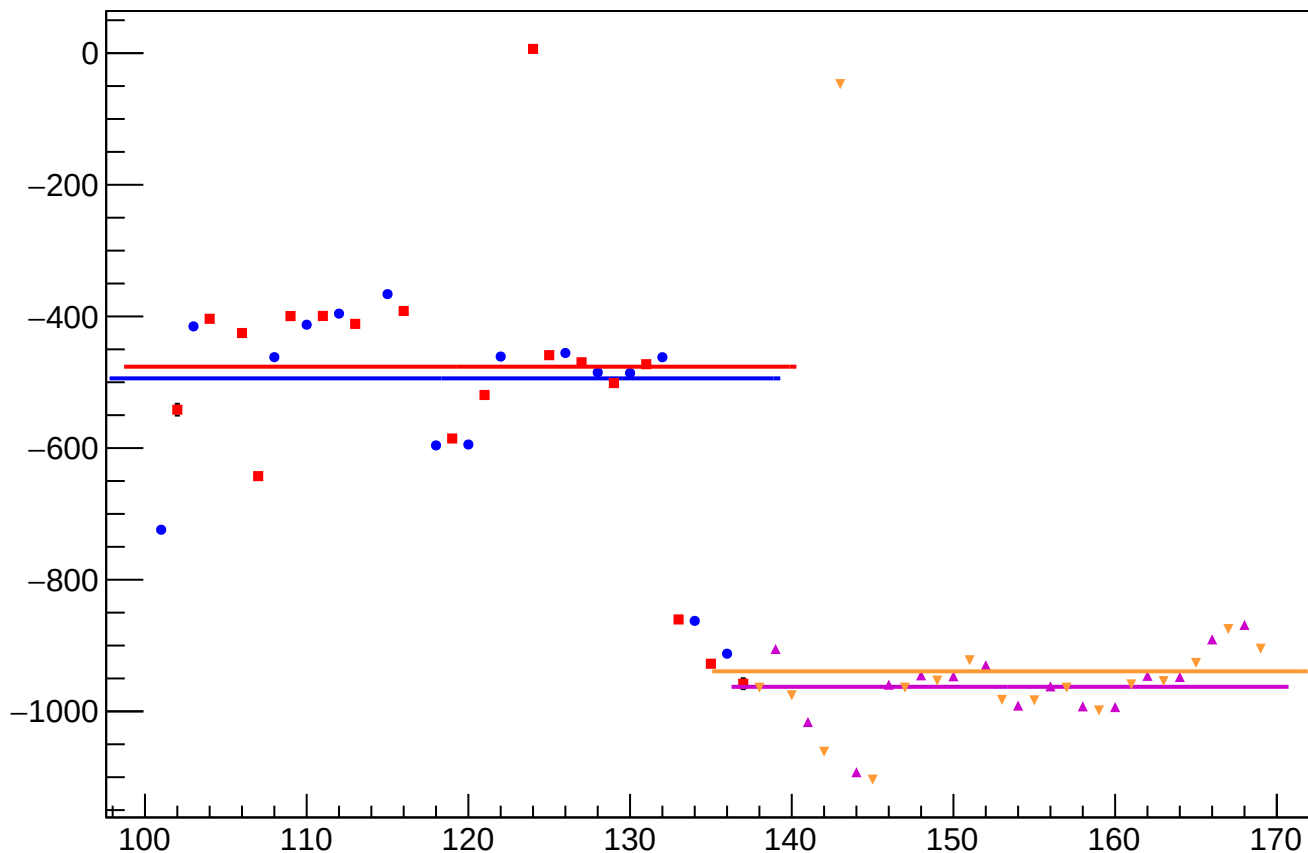
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.175 ± 0.017 χ^2/NDF : 15989.7/29

Out: -18.464 ± 0.018 χ^2/NDF : 57348.9/34

All: -18.840 ± 0.012 χ^2/NDF : 74208.3/64

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -939.147 ± 0.179 $\chi^2/\text{NDF}: 346014.8/16$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -962.701 ± 0.186 $\chi^2/\text{NDF}: 52178.6/14$

Left: -950.495 ± 0.129 $\chi^2/\text{NDF}: 406516.7/31$

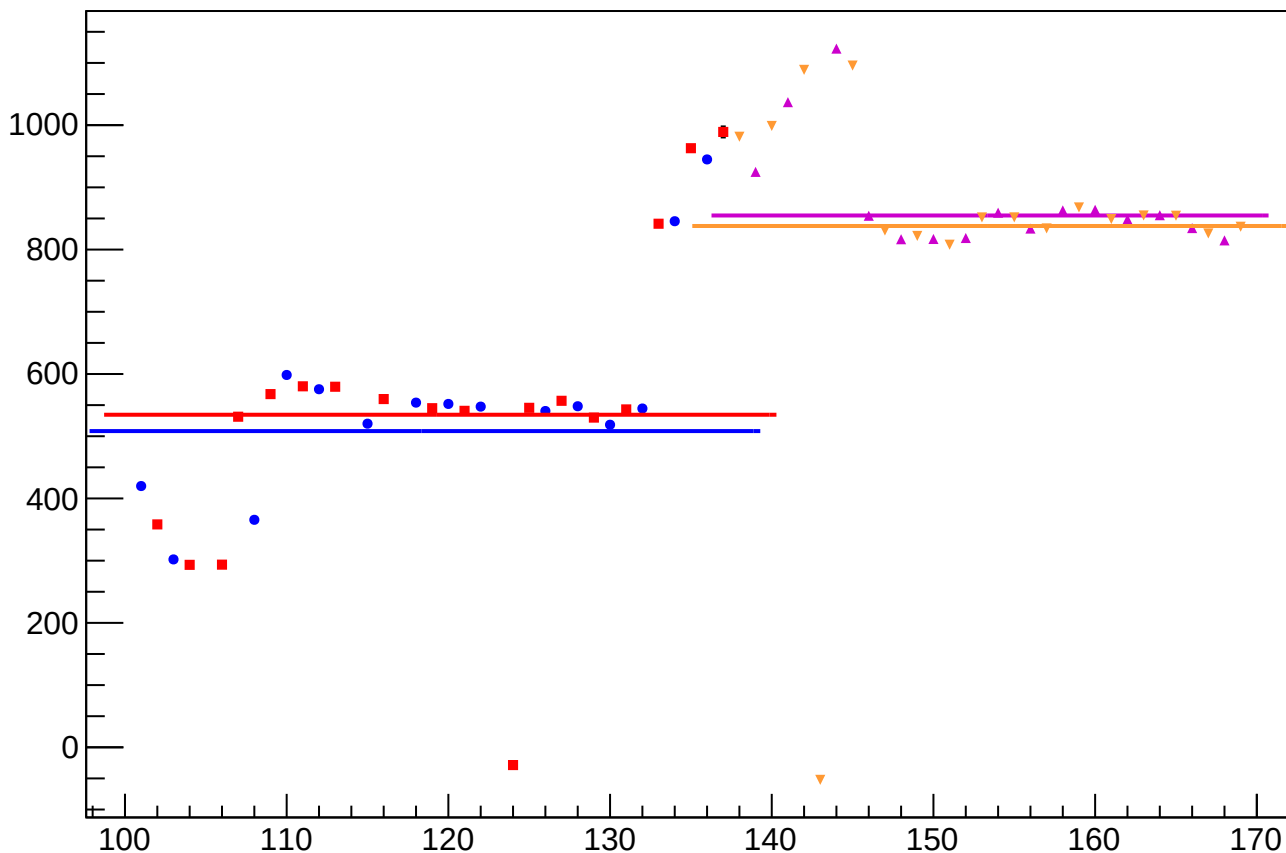
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -779.614 ± 0.145 $\chi^2/\text{NDF}: 2862072.4/29$

Out: -715.273 ± 0.129 $\chi^2/\text{NDF}: 4166475.7/34$

All: -743.624 ± 0.096 $\chi^2/\text{NDF}: 7138571.0/64$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 837.903 $\pm$ 0.146 χ^2 /NDF:415859.5/16

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 854.798 $\pm$ 0.151 χ^2 /NDF:92964.0/14

Left: 846.065 $\pm$ 0.105 χ^2 /NDF: 515261.8/31

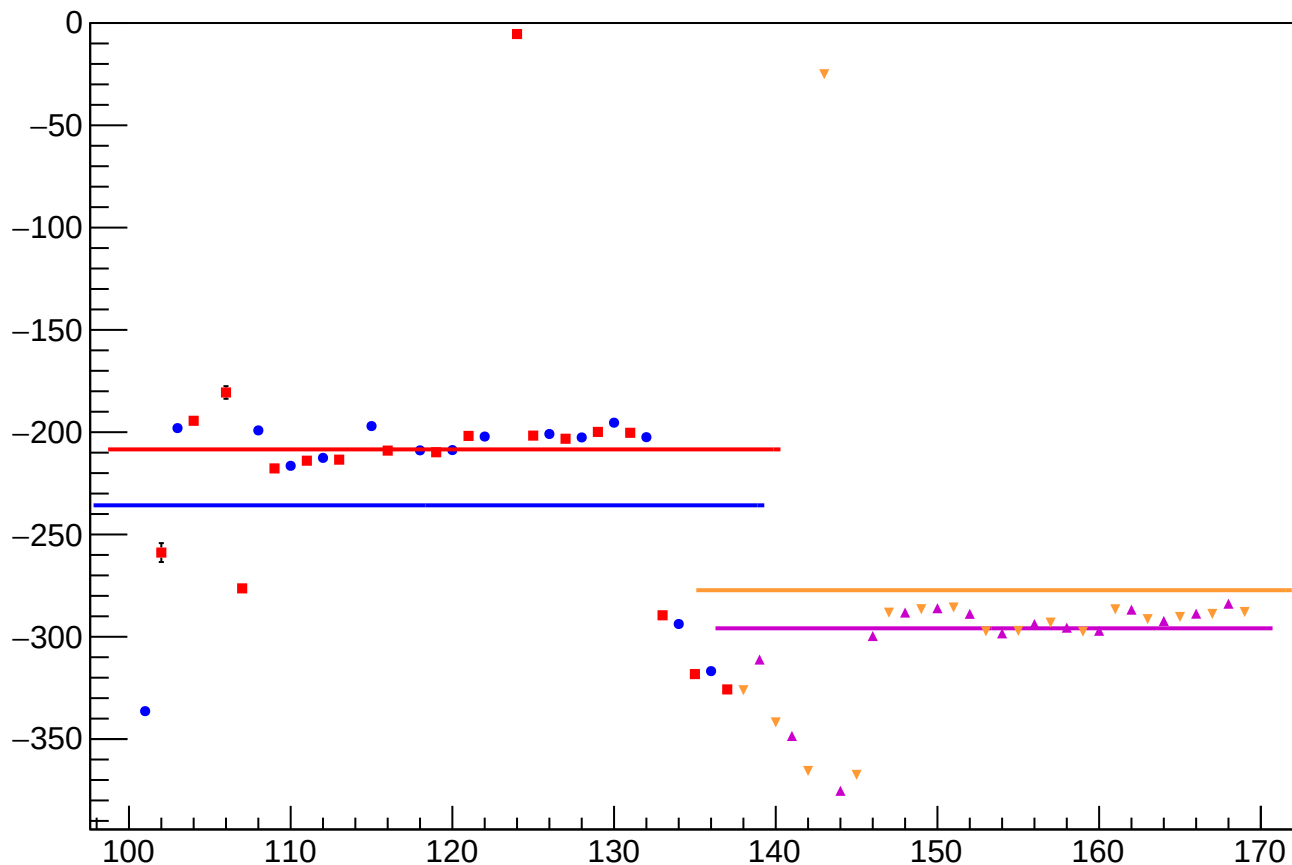
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 744.586 $\pm$ 0.125 χ^2 /NDF:2199039.6/29

Out: 743.164 $\pm$ 0.121 χ^2 /NDF:2126041.9/34

All: 743.854 $\pm$ 0.087 χ^2 /NDF: 4325148.2/64

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 χ^2/NDF : 876219.5/14

Left Out: -277.238 ± 0.025 χ^2/NDF : 6372915.3/16

Right Out: -208.413 ± 0.047 χ^2/NDF : 375009.3/17

Left In: -295.863 ± 0.027 χ^2/NDF : 256389.6/14

Left: -286.018 ± 0.018 χ^2/NDF : 6889371.5/31

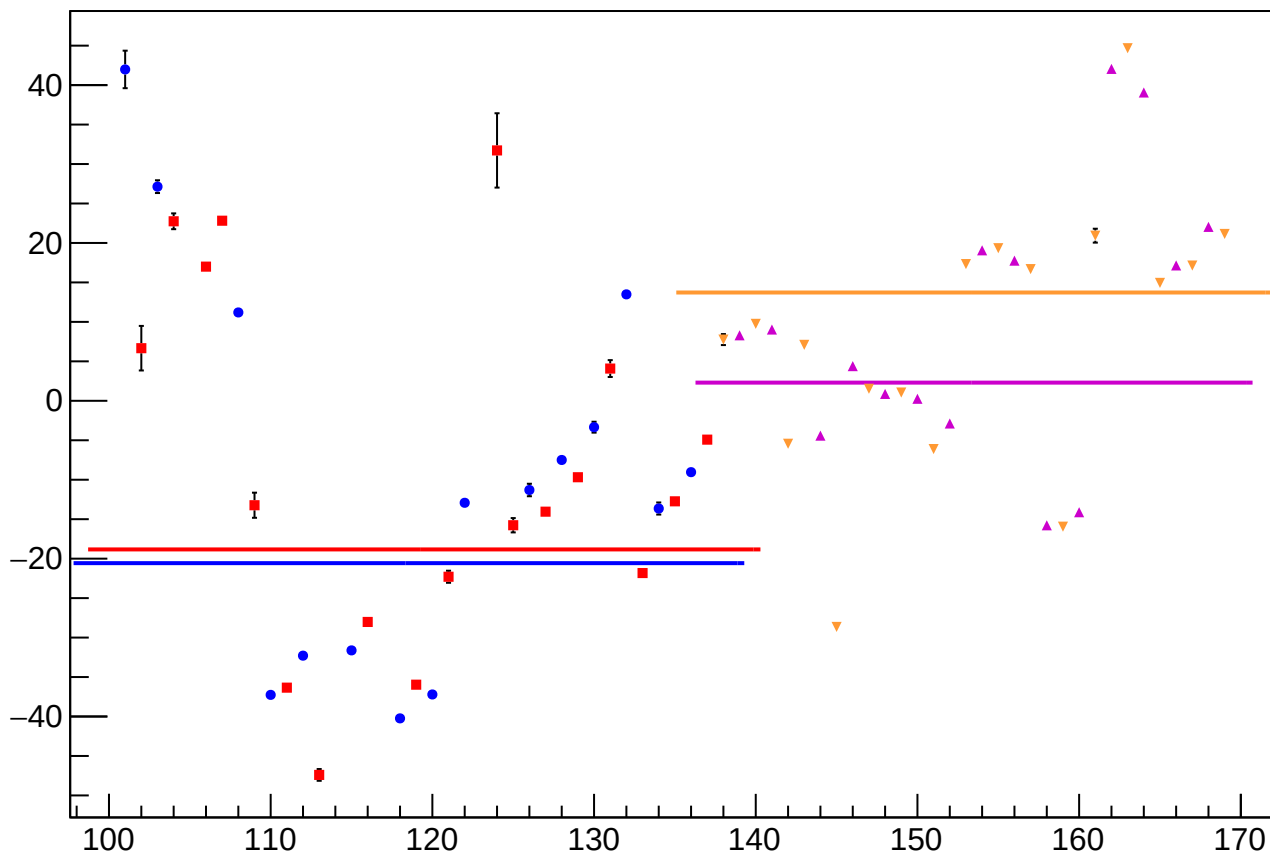
Right: -219.823 ± 0.036 χ^2/NDF : 1393978.3/32

In: -284.574 ± 0.024 χ^2/NDF : 2095072.4/29

Out: -261.859 ± 0.022 χ^2/NDF : 8431365.8/34

All: -272.313 ± 0.016 χ^2/NDF : 11012791.4/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 13.722 ± 0.025 $\chi^2/\text{NDF}: 452067.5/16$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 2.304 ± 0.022 $\chi^2/\text{NDF}: 644137.4/14$

Left: 7.278 ± 0.016 $\chi^2/\text{NDF}: 1216785.4/31$

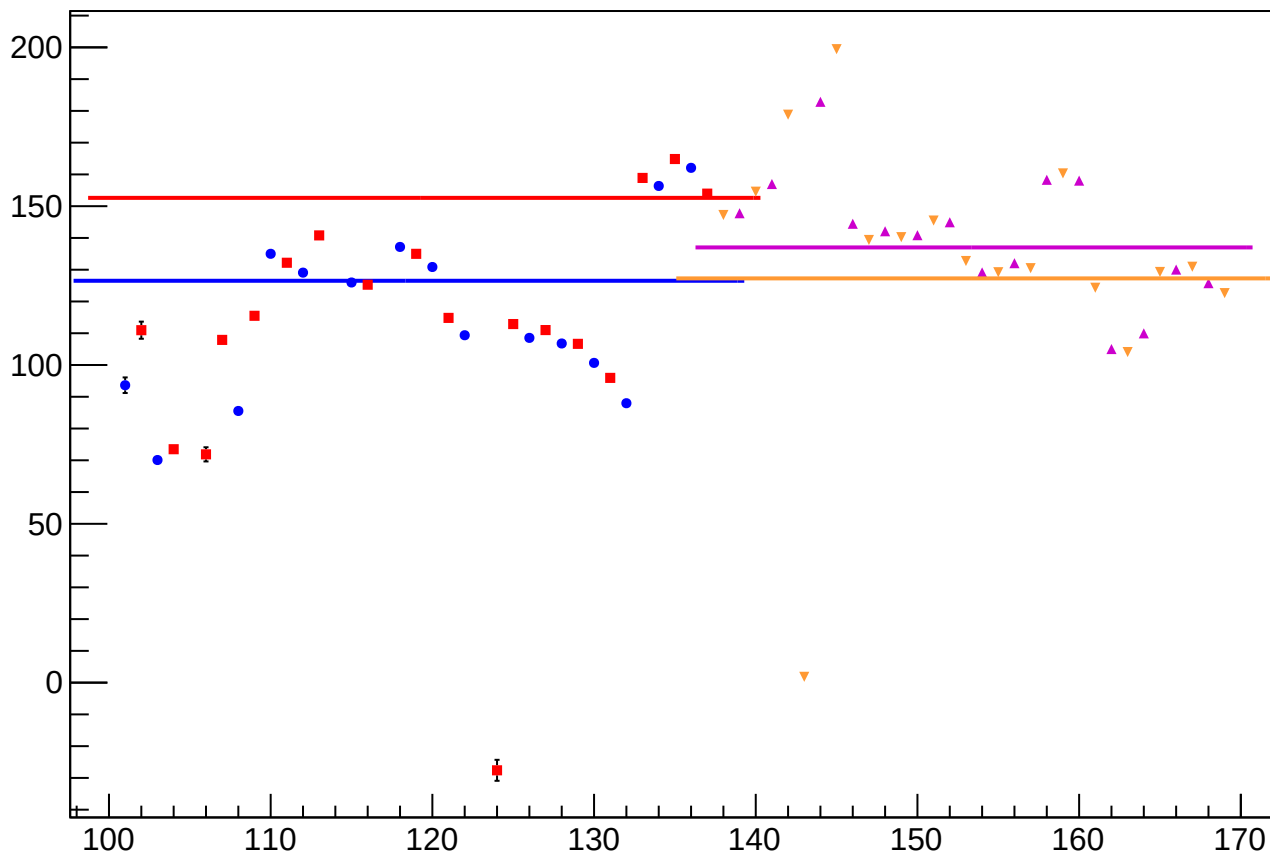
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: 0.366 ± 0.021 $\chi^2/\text{NDF}: 801635.7/29$

Out: 12.104 ± 0.024 $\chi^2/\text{NDF}: 559247.1/34$

All: 5.371 ± 0.016 $\chi^2/\text{NDF}: 1497154.5/64$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 127.266 $\pm$ 0.030 χ^2 /NDF: 608247.9/16

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.015 $\pm$ 0.029 χ^2 /NDF: 358124.7/14

Left: 132.316 $\pm$ 0.021 χ^2 /NDF: 1020711.9/31

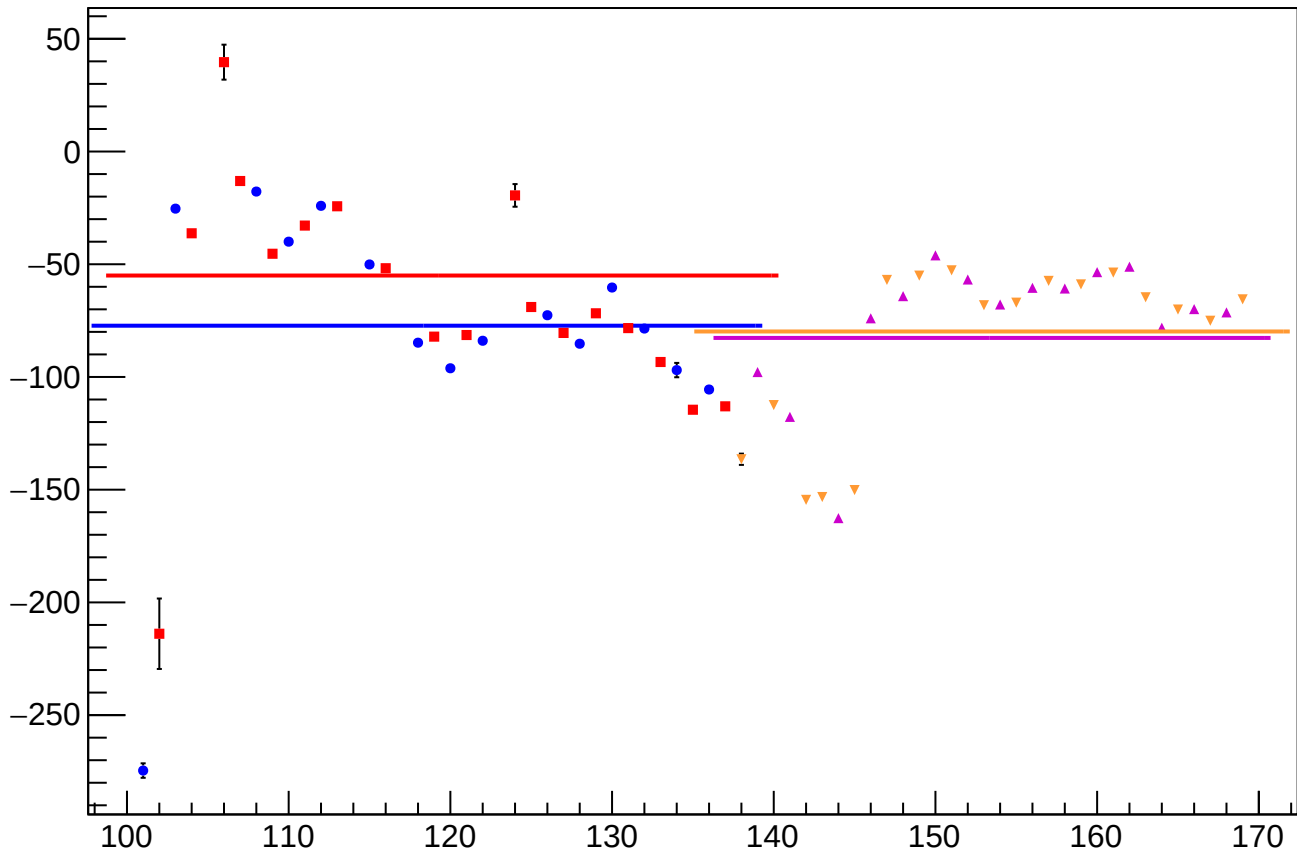
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.895 $\pm$ 0.027 χ^2 /NDF: 487043.7/29

Out: 139.837 $\pm$ 0.021 χ^2 /NDF: 1034085.1/34

All: 138.349 $\pm$ 0.017 χ^2 /NDF: 1533976.2/64

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -79.824 ± 0.138 χ^2/NDF : 58074.3/16

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -82.684 ± 0.145 χ^2/NDF : 57901.6/14

Left: -81.183 ± 0.100 χ^2/NDF : 116179.5/31

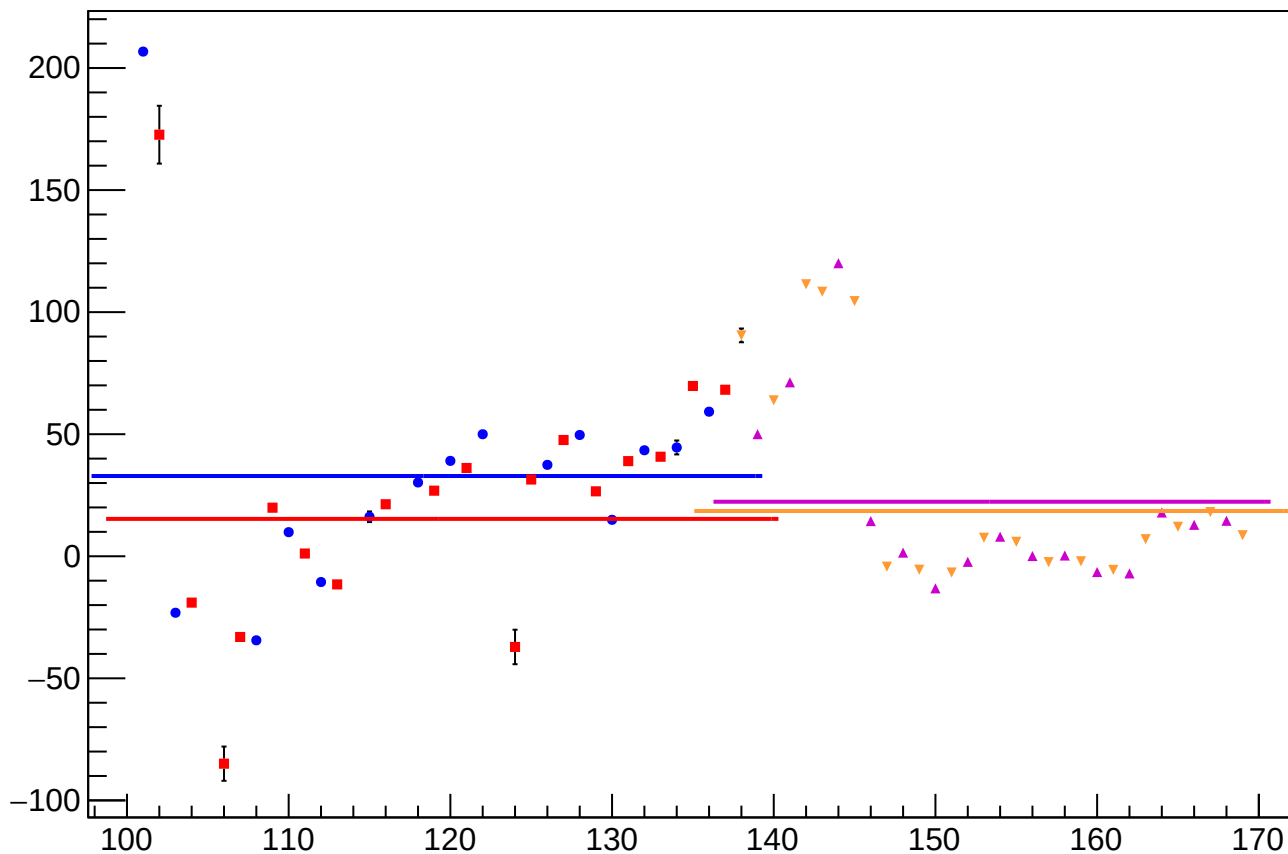
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -79.995 ± 0.103 χ^2/NDF : 88949.3/29

Out: -71.252 ± 0.112 χ^2/NDF : 92842.5/34

All: -75.977 ± 0.076 χ^2/NDF : 185096.1/64

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 18.536 ± 0.120 $\chi^2/\text{NDF}: 89660.2/16$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 22.338 ± 0.128 $\chi^2/\text{NDF}: 86782.9/14$

Left: 20.316 ± 0.088 $\chi^2/\text{NDF}: 176912.5/31$

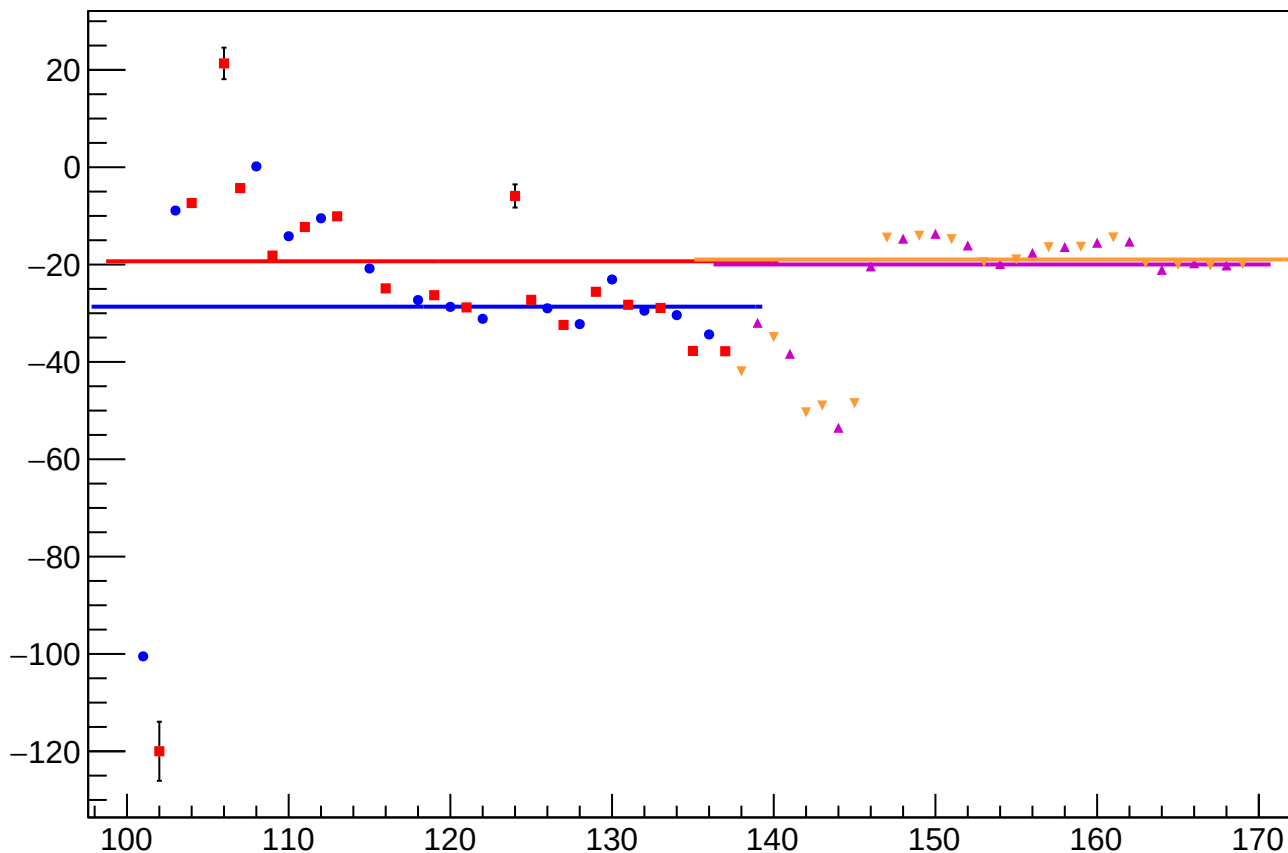
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 26.914 ± 0.096 $\chi^2/\text{NDF}: 121117.7/29$

Out: 17.739 ± 0.104 $\chi^2/\text{NDF}: 106584.5/34$

All: 22.689 ± 0.071 $\chi^2/\text{NDF}: 231885.9/64$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.958 ± 0.016 $\chi^2/\text{NDF}: 224114.3/16$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.977 ± 0.017 $\chi^2/\text{NDF}: 193147.7/14$

Left: -19.419 ± 0.012 $\chi^2/\text{NDF}: 419174.1/31$

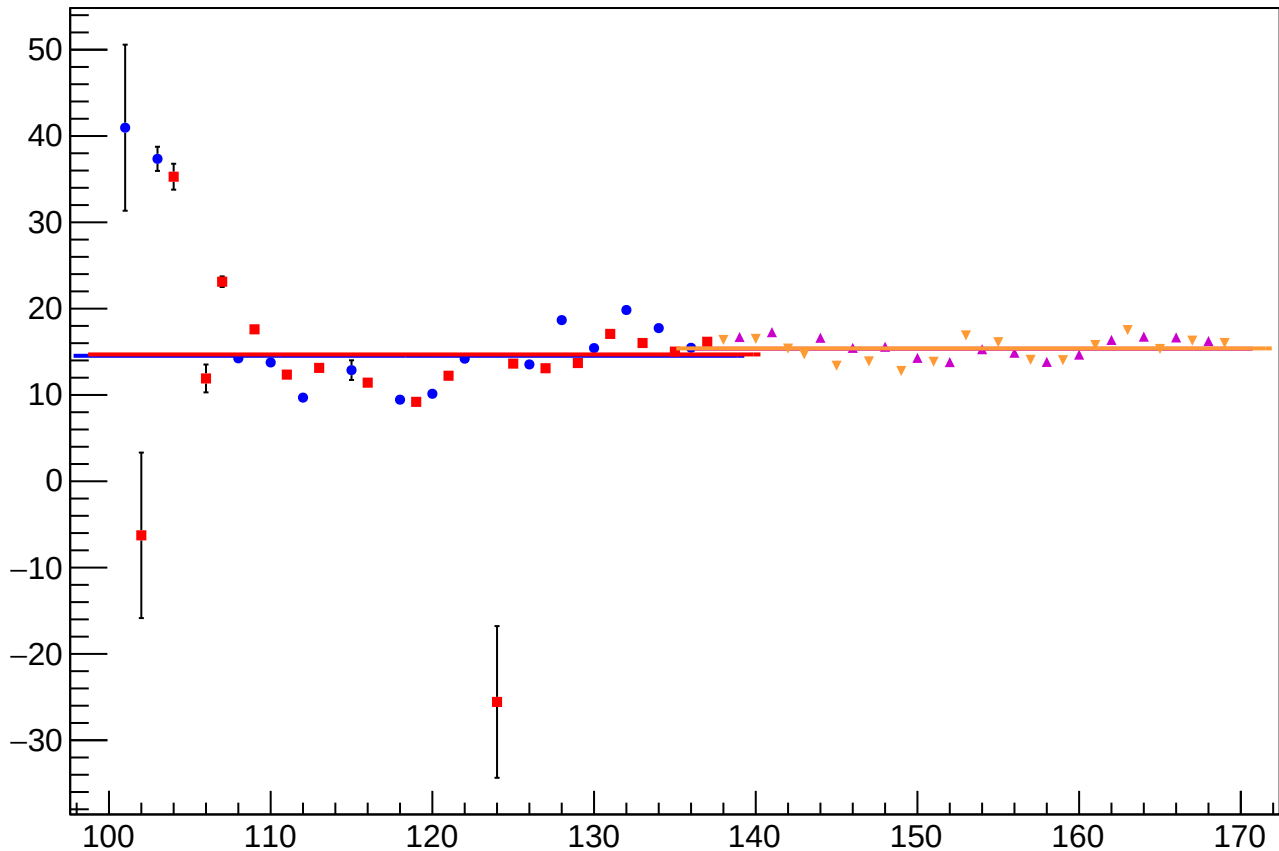
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.732 ± 0.015 $\chi^2/\text{NDF}: 357658.1/29$

Out: -19.008 ± 0.015 $\chi^2/\text{NDF}: 280768.3/34$

All: -20.292 ± 0.011 $\chi^2/\text{NDF}: 654928.5/64$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.394 $\pm$ 0.015 χ^2 /NDF: 6825.6/16

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.352 $\pm$ 0.016 χ^2 /NDF: 4628.3/14

Left: 15.374 $\pm$ 0.011 χ^2 /NDF: 11457.5/31

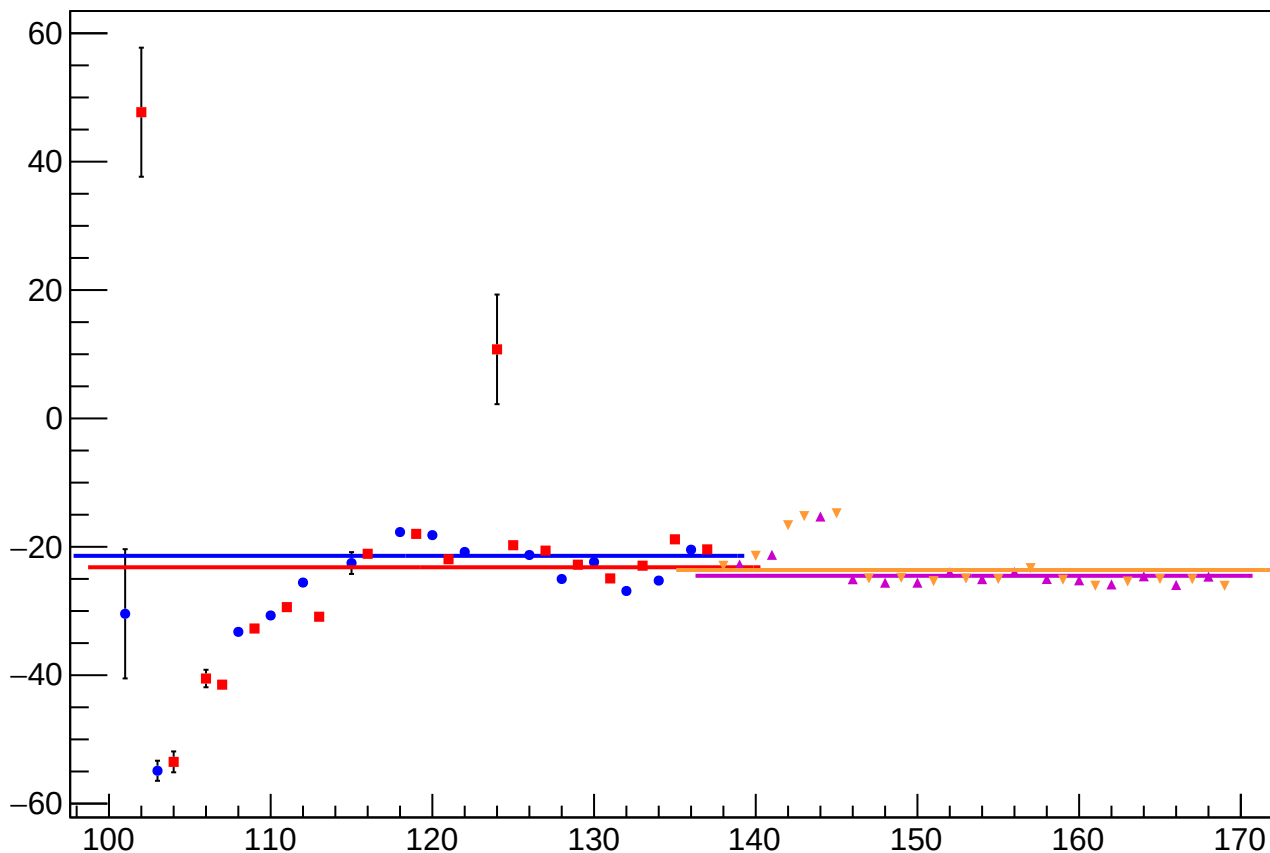
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.168 $\pm$ 0.014 χ^2 /NDF: 17275.7/29

Out: 15.316 $\pm$ 0.015 χ^2 /NDF: 8687.9/34

All: 15.240 $\pm$ 0.010 χ^2 /NDF: 26016.8/64

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.611 ± 0.019 $\chi^2/\text{NDF}: 33325.4/16$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.515 ± 0.019 $\chi^2/\text{NDF}: 7953.3/14$

Left: -24.063 ± 0.013 $\chi^2/\text{NDF}: 42402.3/31$

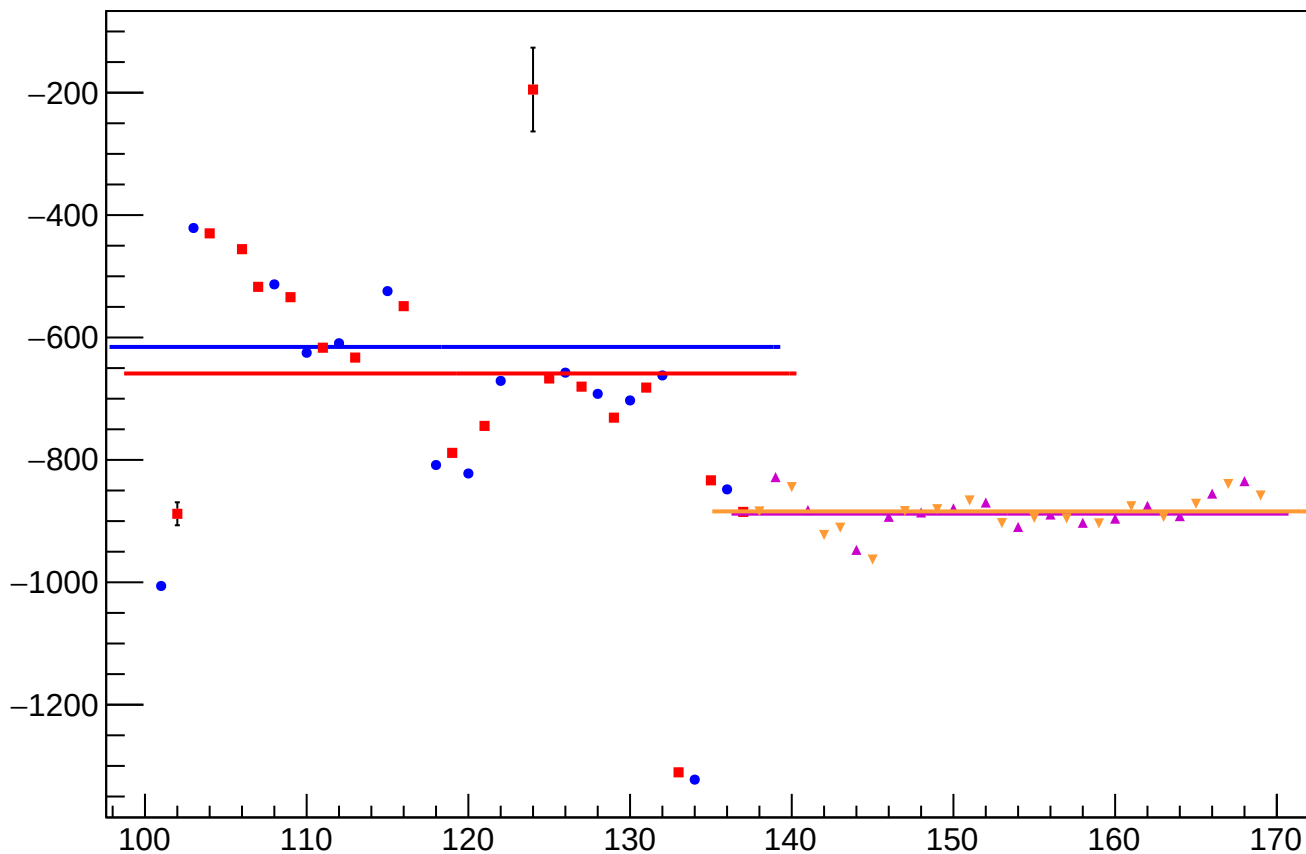
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.820 ± 0.017 $\chi^2/\text{NDF}: 23572.6/29$

Out: -23.559 ± 0.018 $\chi^2/\text{NDF}: 42513.0/34$

All: -23.698 ± 0.012 $\chi^2/\text{NDF}: 66198.9/64$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -884.144+/-0.152 χ^2/NDF : 23602.0/16

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -887.838+/-0.147 χ^2/NDF : 20016.7/14

Left: -886.062+/-0.106 χ^2/NDF : 43923.9/31

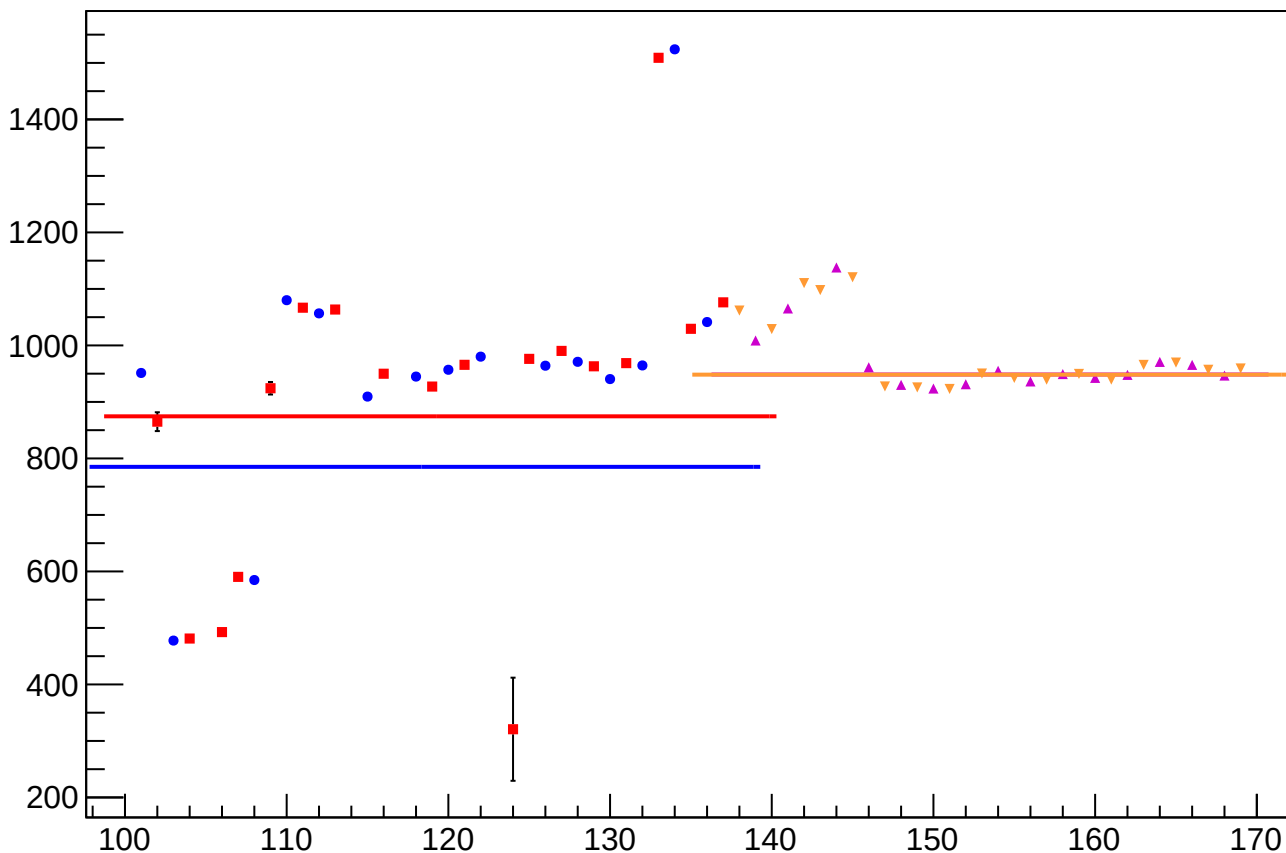
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -812.679+/-0.125 χ^2/NDF : 1354702.8/29

Out: -825.283+/-0.131 χ^2/NDF : 980067.8/34

All: -818.677+/-0.090 χ^2/NDF : 2339624.3/64

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 948.278+/-0.125 χ^2/NDF : 71437.7/16

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 948.531+/-0.120 χ^2/NDF : 75234.0/14

Left: 948.409+/-0.087 χ^2/NDF : 146673.8/31

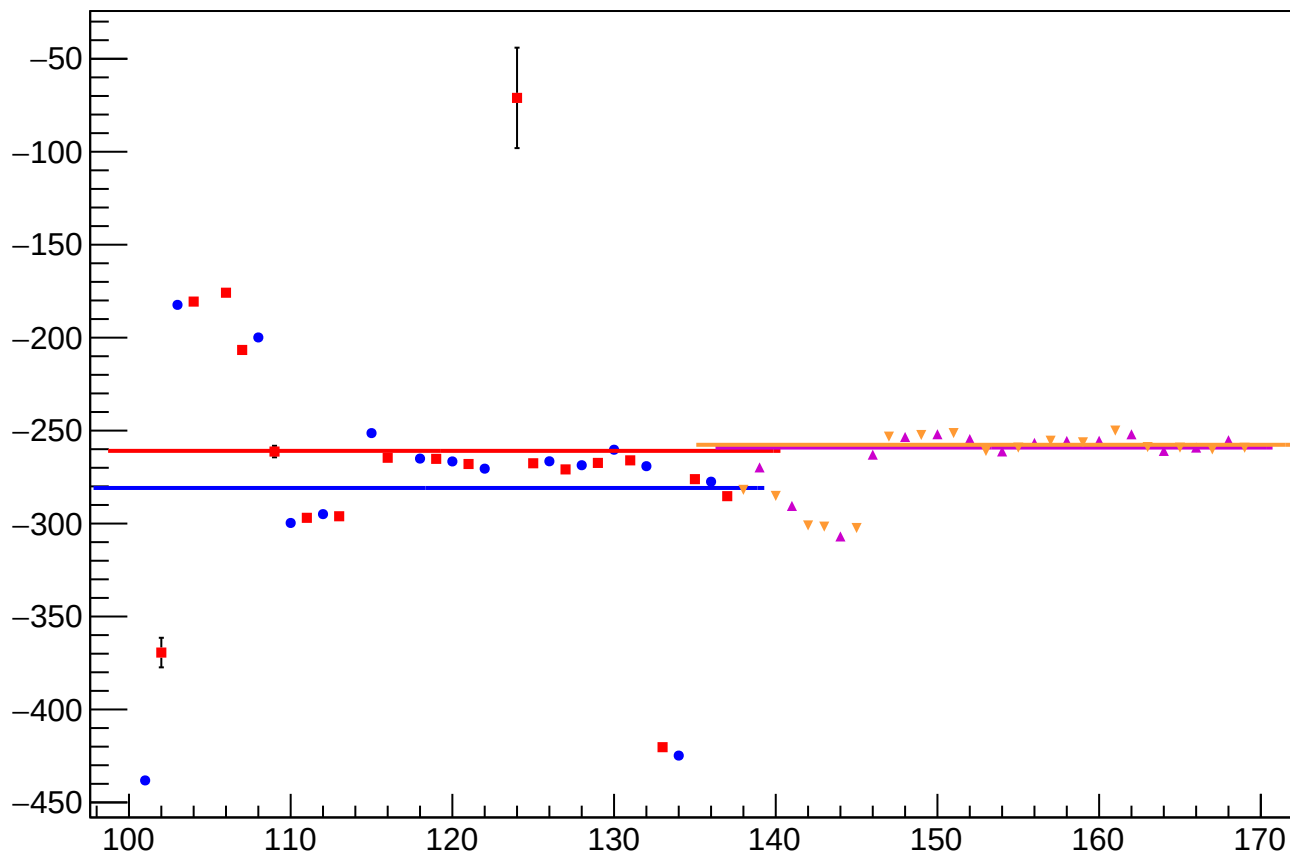
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 912.986+/-0.106 χ^2/NDF : 1363328.4/29

Out: 934.537+/-0.113 χ^2/NDF : 978865.0/34

All: 923.131+/-0.077 χ^2/NDF : 2361525.9/64

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.627 ± 0.021 $\chi^2/\text{NDF}: 169478.1/16$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.128 ± 0.021 $\chi^2/\text{NDF}: 188125.5/14$

Left: -258.375 ± 0.015 $\chi^2/\text{NDF}: 360084.9/31$

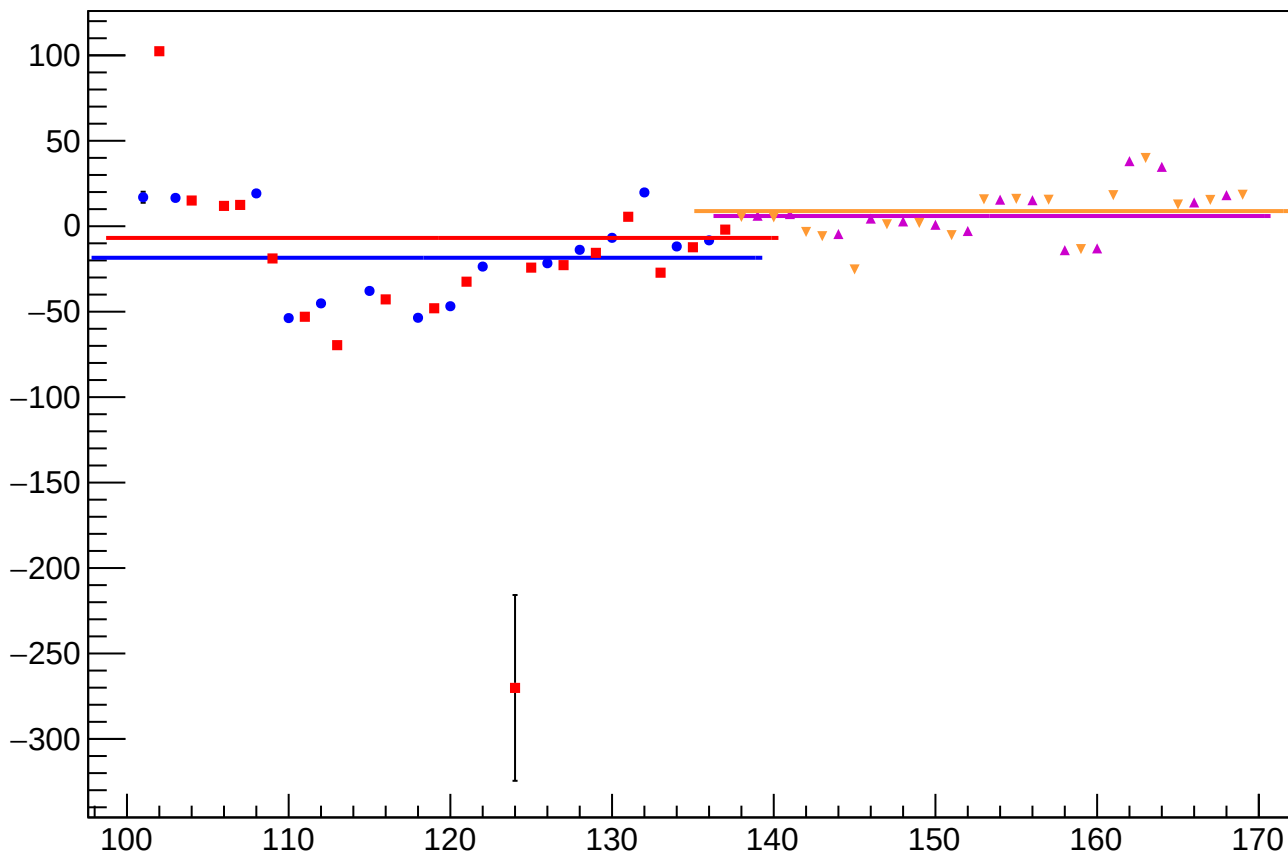
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.676 ± 0.020 $\chi^2/\text{NDF}: 1183375.4/29$

Out: -257.922 ± 0.020 $\chi^2/\text{NDF}: 519326.3/34$

All: -259.821 ± 0.014 $\chi^2/\text{NDF}: 1720034.1/64$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 8.862 ± 0.023 $\chi^2/\text{NDF}: 380294.1/16$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.972 ± 0.021 $\chi^2/\text{NDF}: 413212.6/14$

Left: 7.340 ± 0.016 $\chi^2/\text{NDF}: 802164.4/31$

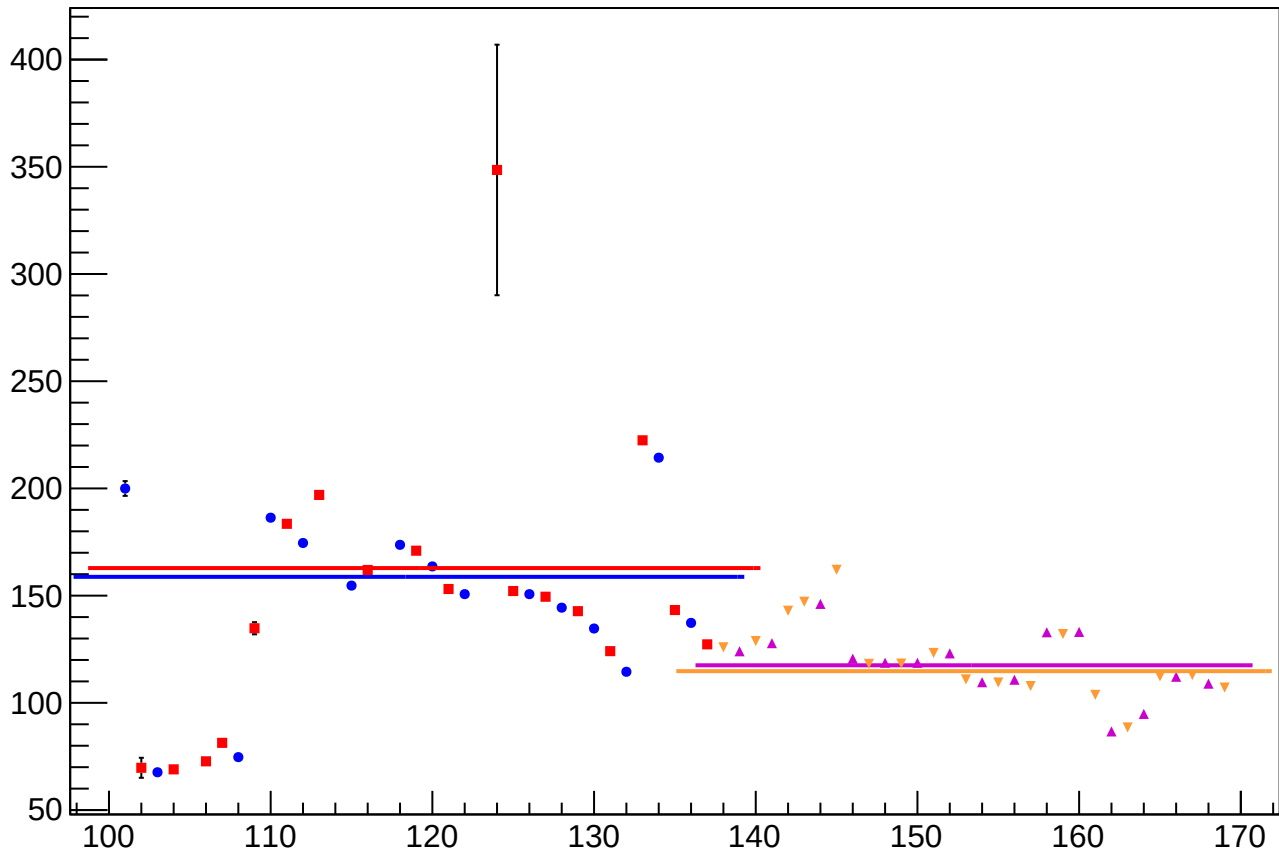
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.702 ± 0.021 $\chi^2/\text{NDF}: 527670.4/29$

Out: 7.155 ± 0.021 $\chi^2/\text{NDF}: 483043.0/34$

All: 5.901 ± 0.015 $\chi^2/\text{NDF}: 1017504.9/64$

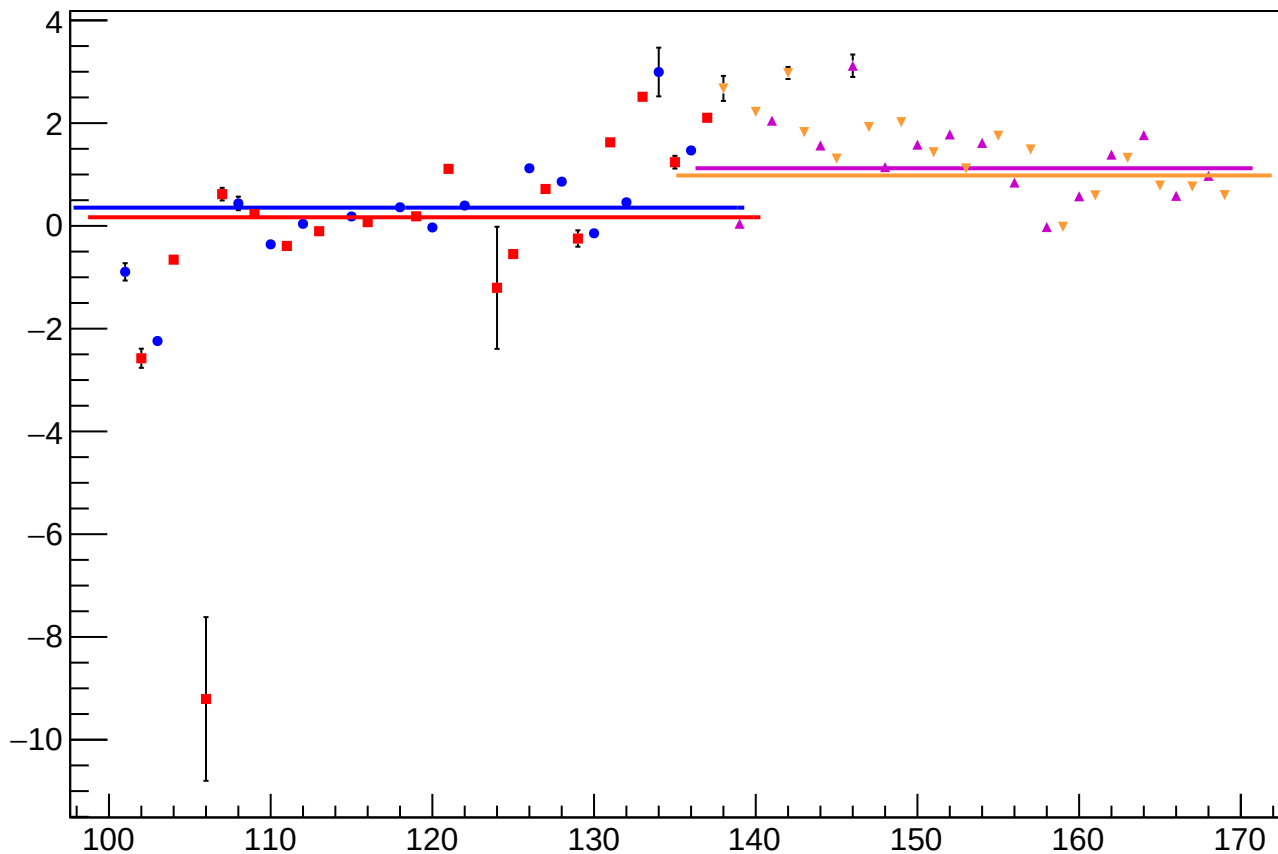
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772+/-0.088 χ^2/NDF : 159016.5/14
 Left Out: 114.781+/-0.026 χ^2/NDF : 216920.2/16
 Right Out: 162.856+/-0.093 χ^2/NDF : 156176.8/17
 Left In: 117.518+/-0.027 χ^2/NDF : 262393.5/14

Left: 116.099+/-0.019 χ^2/NDF : 484727.7/31
 Right: 160.702+/-0.064 χ^2/NDF : 316204.3/32
 In: 120.993+/-0.026 χ^2/NDF : 621258.8/29
 Out: 118.203+/-0.025 χ^2/NDF : 619879.7/34
 All: 119.557+/-0.018 χ^2/NDF : 1247237.2/64

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 0.982 $\pm$ 0.009 χ^2/NDF : 5257.9/16

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.122 $\pm$ 0.008 χ^2/NDF : 6428.7/14

Left: 1.061 $\pm$ 0.006 χ^2/NDF : 11816.8/31

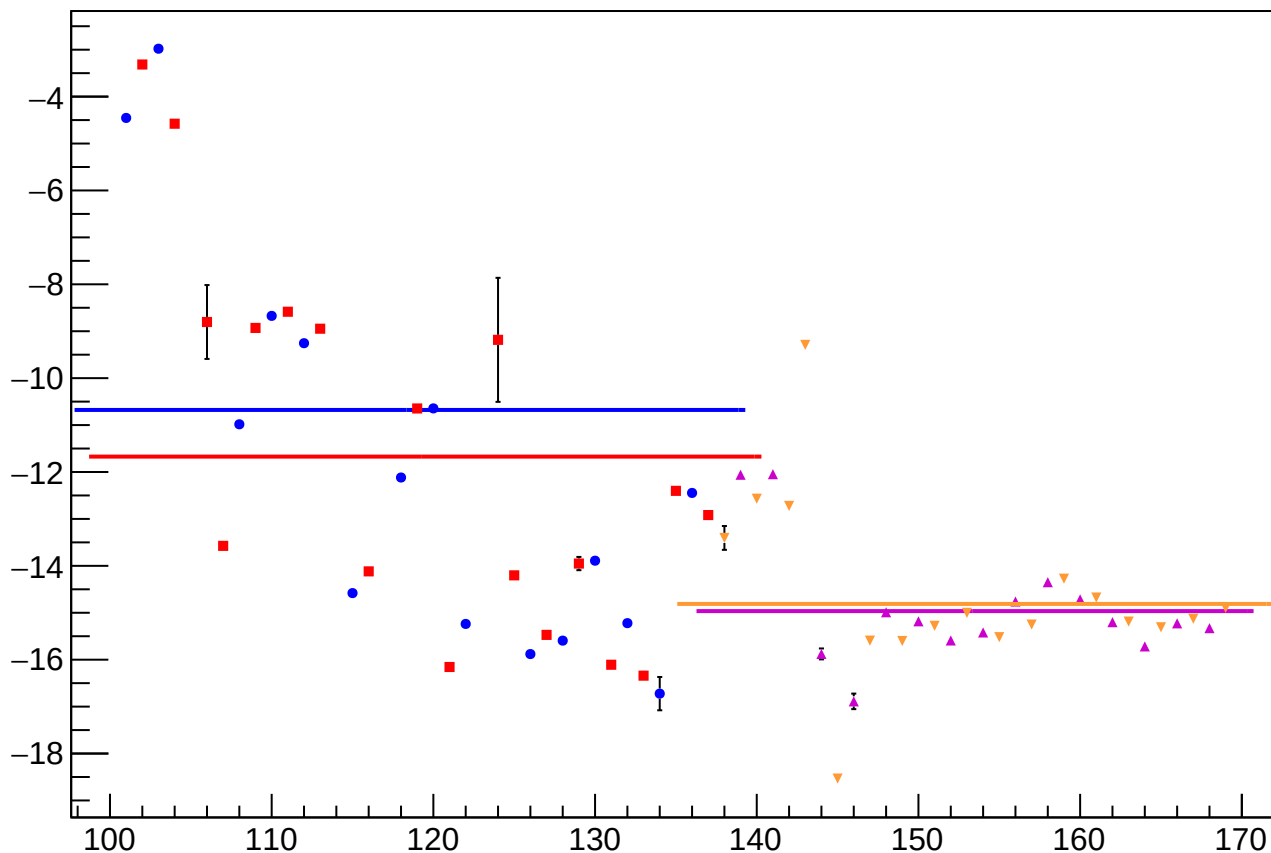
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.874 $\pm$ 0.007 χ^2/NDF : 13321.1/29

Out: 0.498 $\pm$ 0.006 χ^2/NDF : 14438.5/34

All: 0.662 $\pm$ 0.004 χ^2/NDF : 29547.8/64

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.812 ± 0.007 $\chi^2/\text{NDF}: 30589.4/16$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.964 ± 0.007 $\chi^2/\text{NDF}: 12329.6/14$

Left: -14.892 ± 0.005 $\chi^2/\text{NDF}: 43138.3/31$

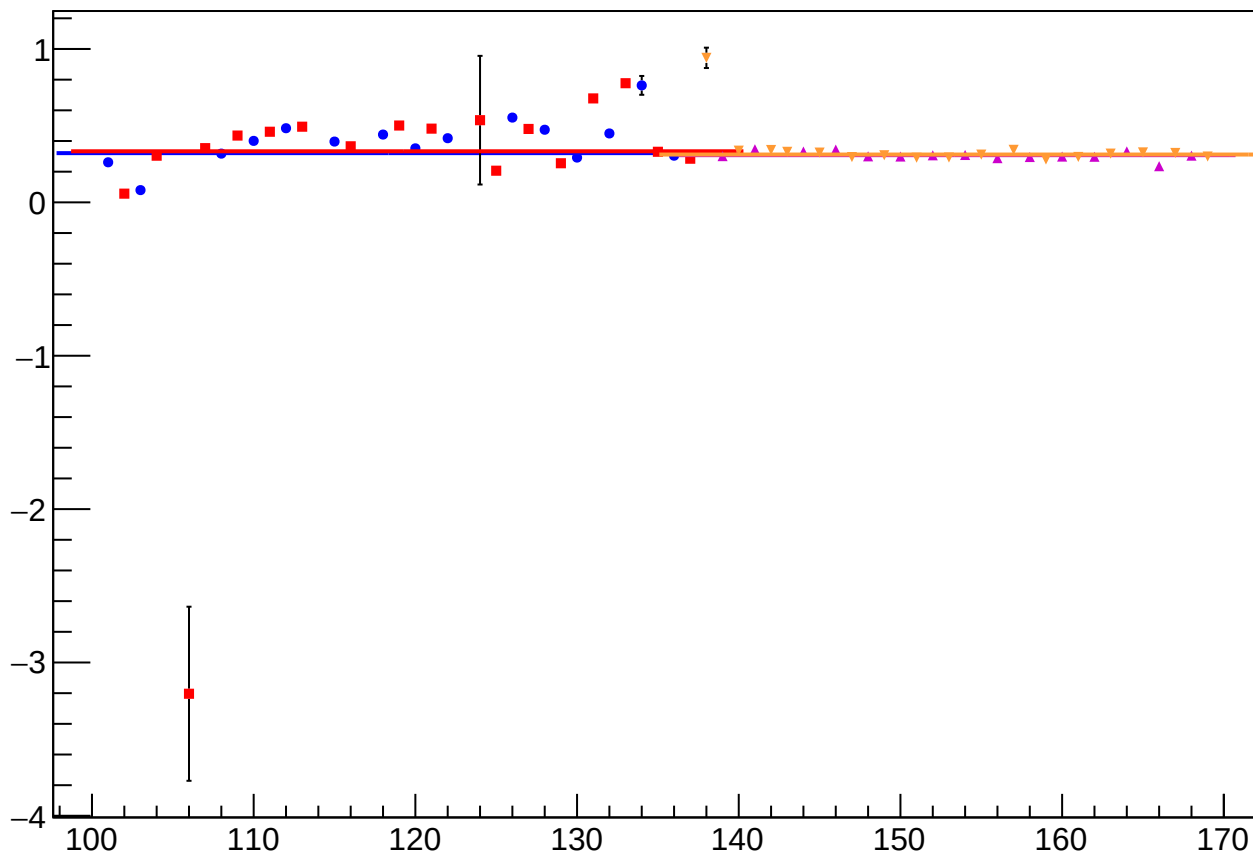
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.579 ± 0.006 $\chi^2/\text{NDF}: 356858.7/29$

Out: -13.897 ± 0.006 $\chi^2/\text{NDF}: 189990.9/34$

All: -13.727 ± 0.004 $\chi^2/\text{NDF}: 548221.5/64$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF : 4558.4/16

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 2545.8/14

Left: 0.310+/-0.000 χ^2/NDF : 7218.0/31

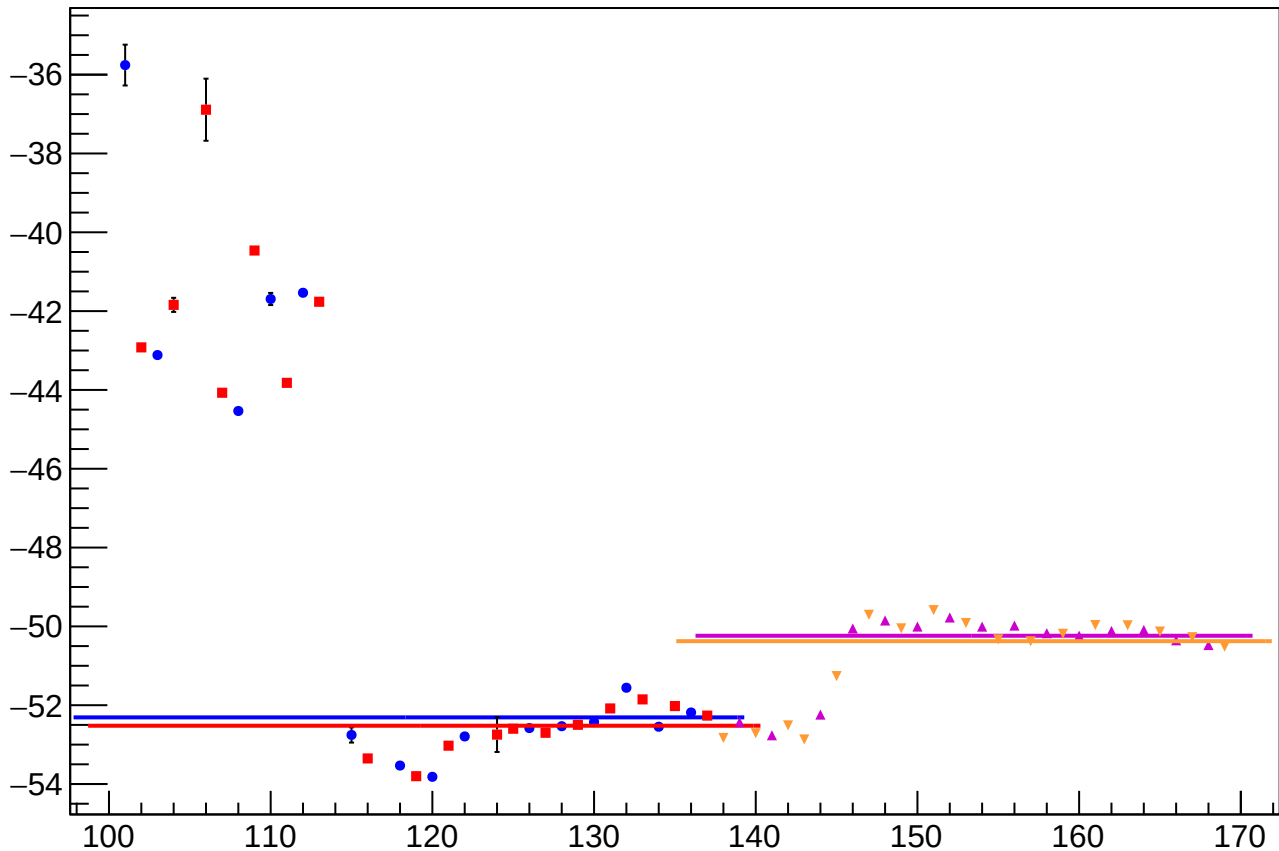
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6746.0/29

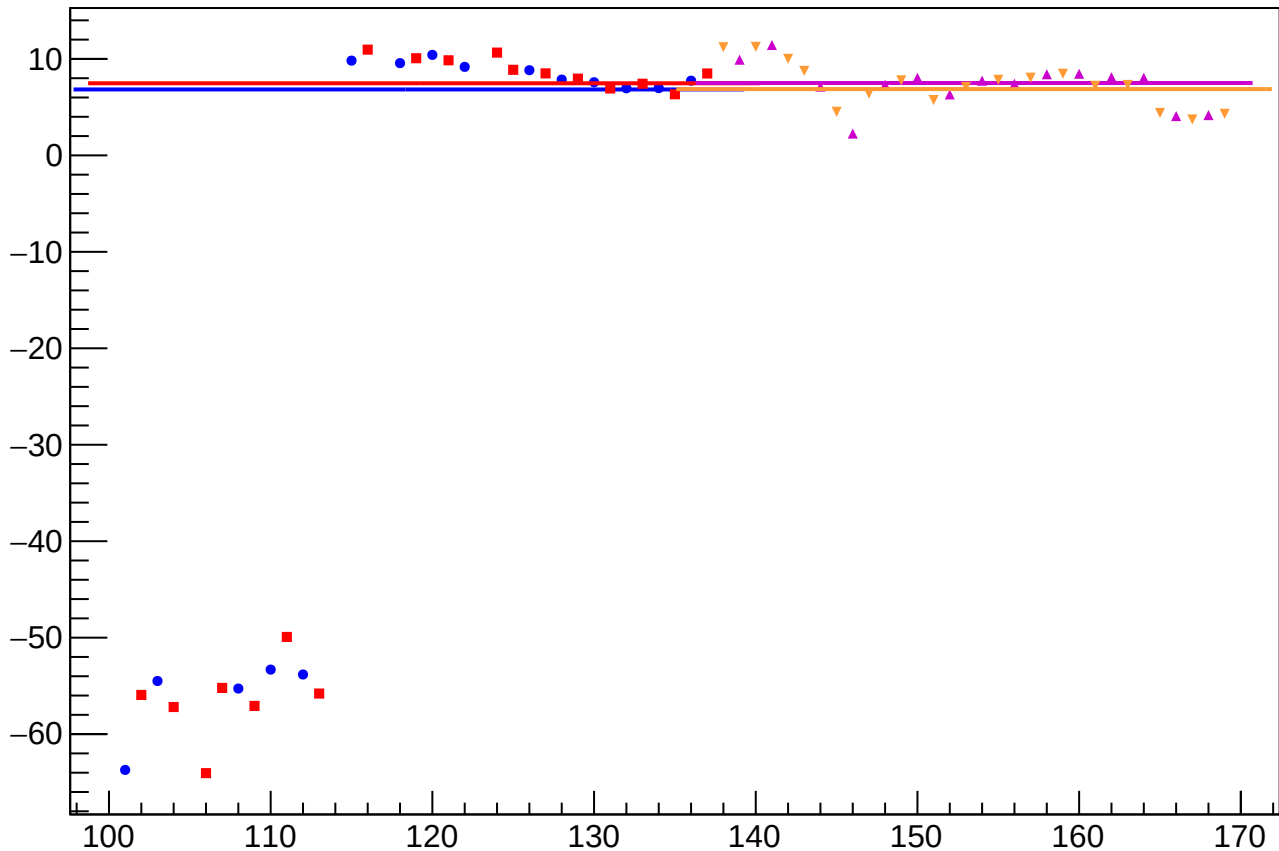
Out: 0.313+/-0.000 χ^2/NDF : 9004.8/34

All: 0.311+/-0.000 χ^2/NDF : 15860.4/64

dit_sam1_4aY_slope vs Slug, Sign Corrected



dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.871 ± 0.004 $\chi^2/\text{NDF}: 282215.7/16$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.504 ± 0.004 $\chi^2/\text{NDF}: 116274.0/14$

Left: 7.206 ± 0.003 $\chi^2/\text{NDF}: 412573.0/31$

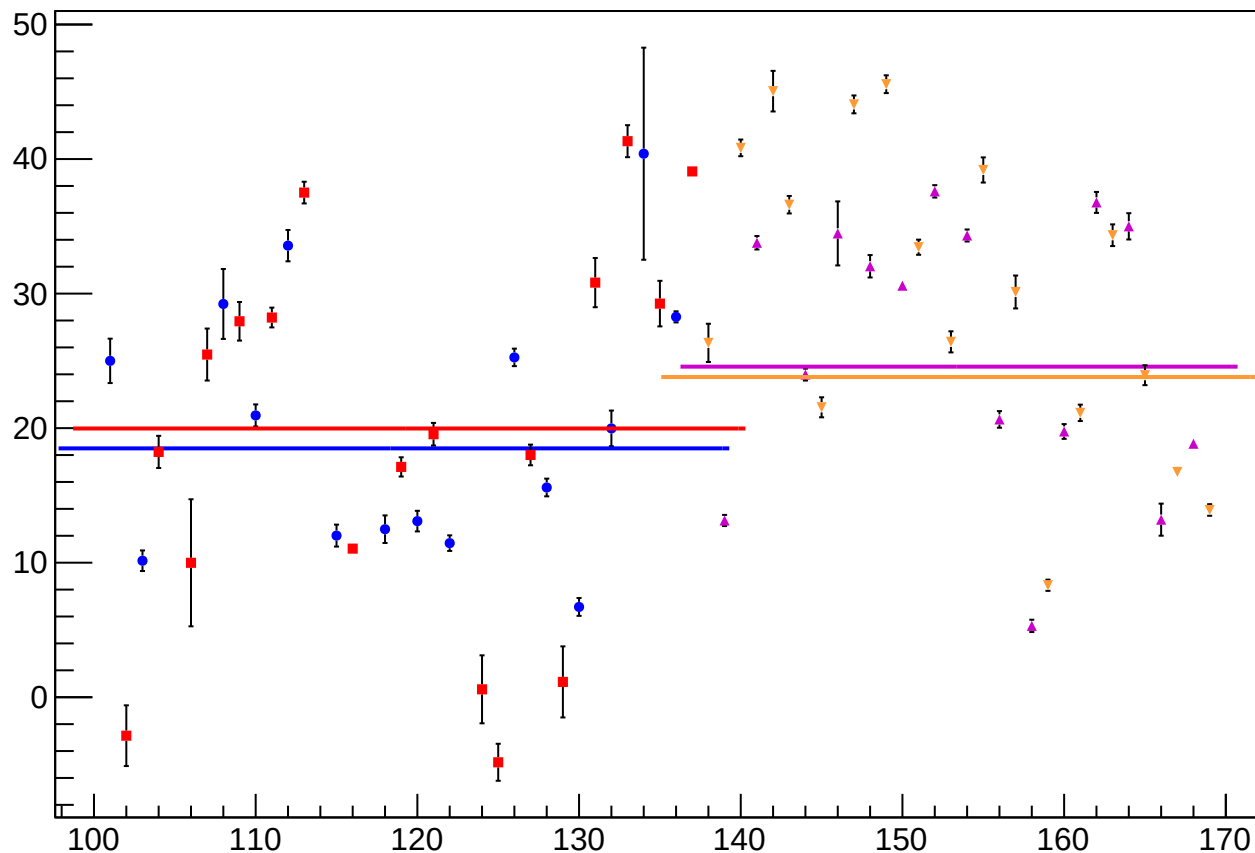
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.274 ± 0.003 $\chi^2/\text{NDF}: 1118362.5/29$

Out: 6.960 ± 0.004 $\chi^2/\text{NDF}: 1481298.2/34$

All: 7.146 ± 0.002 $\chi^2/\text{NDF}: 2604198.4/64$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 23.800 $\pm$ 0.141 χ^2 /NDF: 6774.9/16

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 24.571 $\pm$ 0.130 χ^2 /NDF: 5447.4/14

Left: 24.215 $\pm$ 0.096 χ^2 /NDF: 12238.4/31

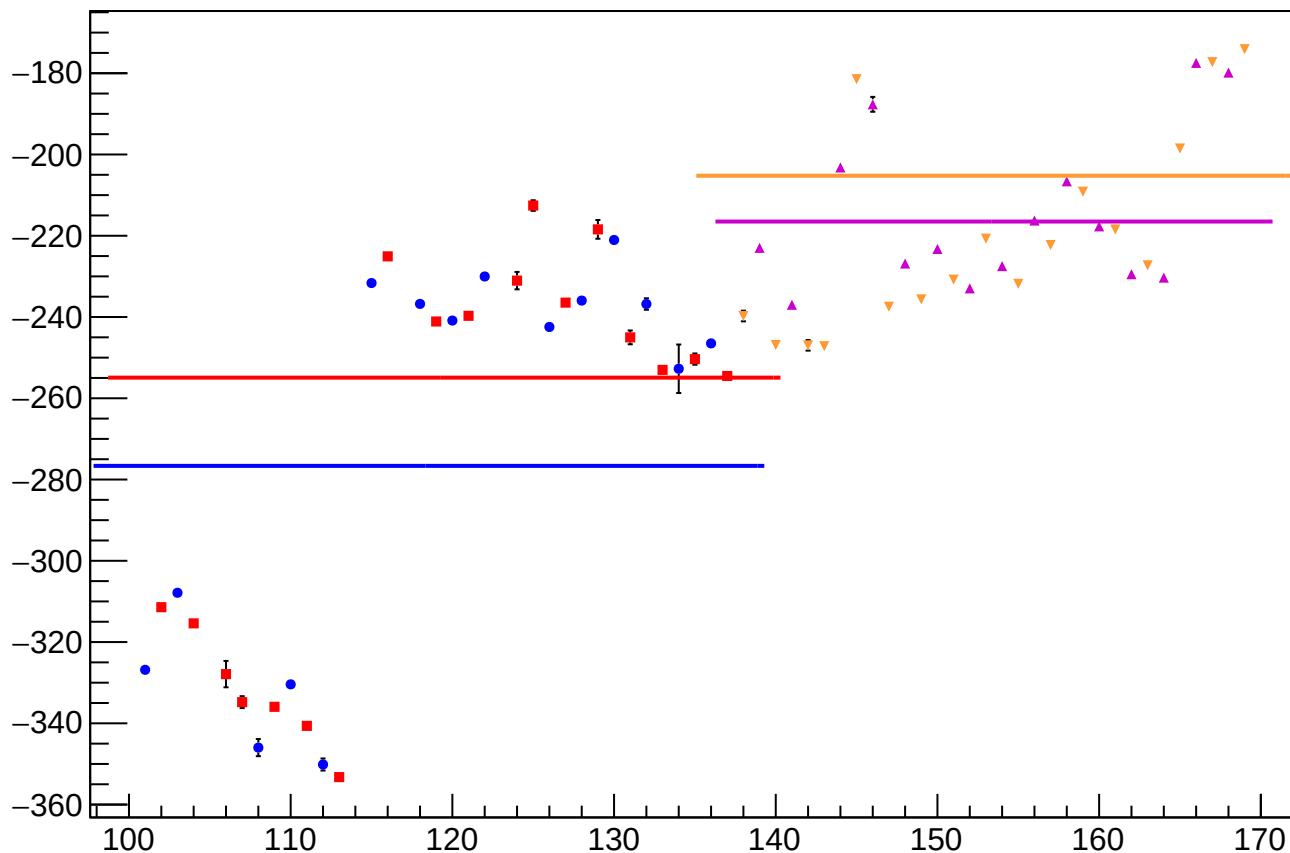
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.762 $\pm$ 0.109 χ^2 /NDF: 7731.6/29

Out: 21.735 $\pm$ 0.096 χ^2 /NDF: 16373.8/34

All: 22.181 $\pm$ 0.072 χ^2 /NDF: 24155.5/64

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -205.229 ± 0.117 $\chi^2/\text{NDF}: 53925.6/16$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -216.504 ± 0.113 $\chi^2/\text{NDF}: 24751.3/14$

Left: -211.067 ± 0.081 $\chi^2/\text{NDF}: 83517.1/31$

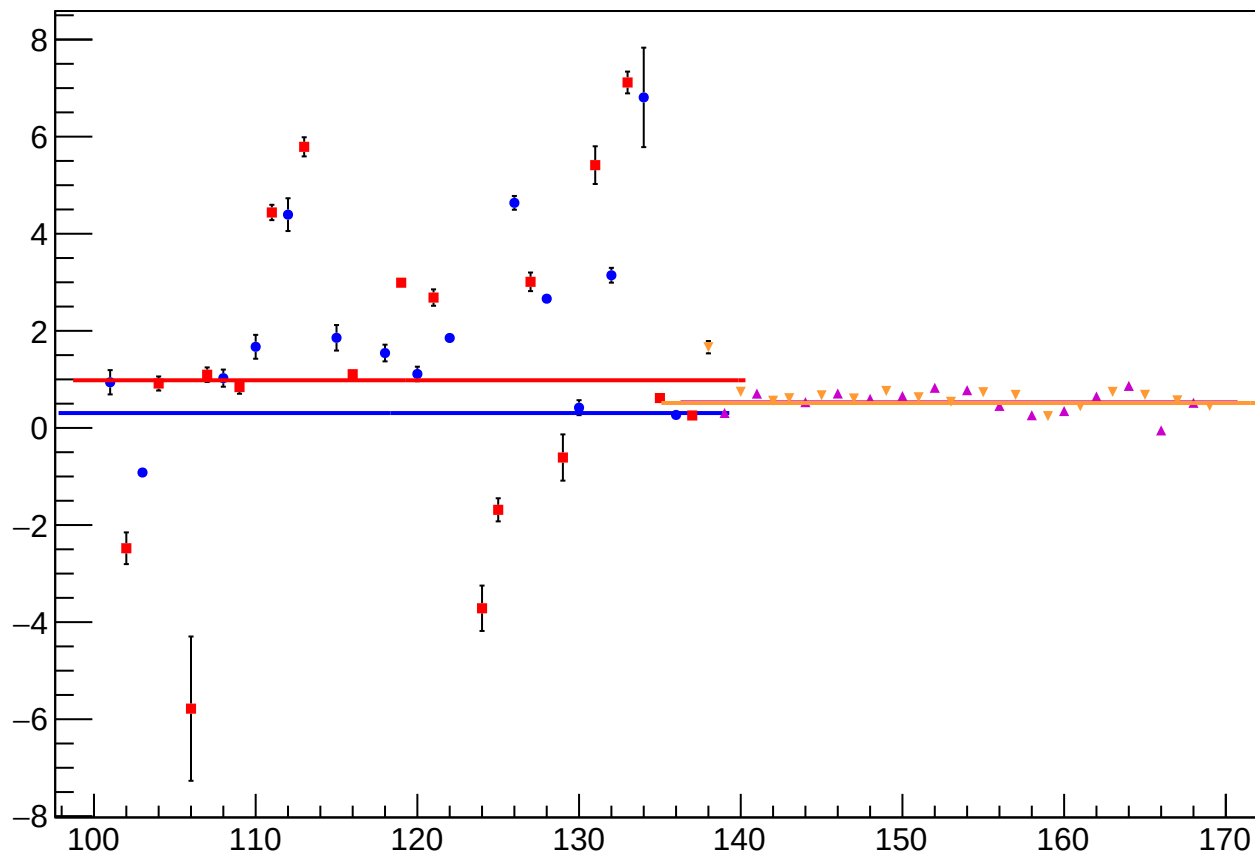
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -238.620 ± 0.089 $\chi^2/\text{NDF}: 206880.9/29$

Out: -241.420 ± 0.061 $\chi^2/\text{NDF}: 258104.9/34$

All: -240.536 ± 0.050 $\chi^2/\text{NDF}: 465656.0/64$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.514 $\pm$ 0.002 χ^2/NDF :8336.0/16

Right Out: 0.982 $\pm$ 0.015 χ^2/NDF : 3374.7/17

Left In: 0.527 $\pm$ 0.002 χ^2/NDF :13291.5/14

Left: 0.521 $\pm$ 0.001 χ^2/NDF : 21648.8/31

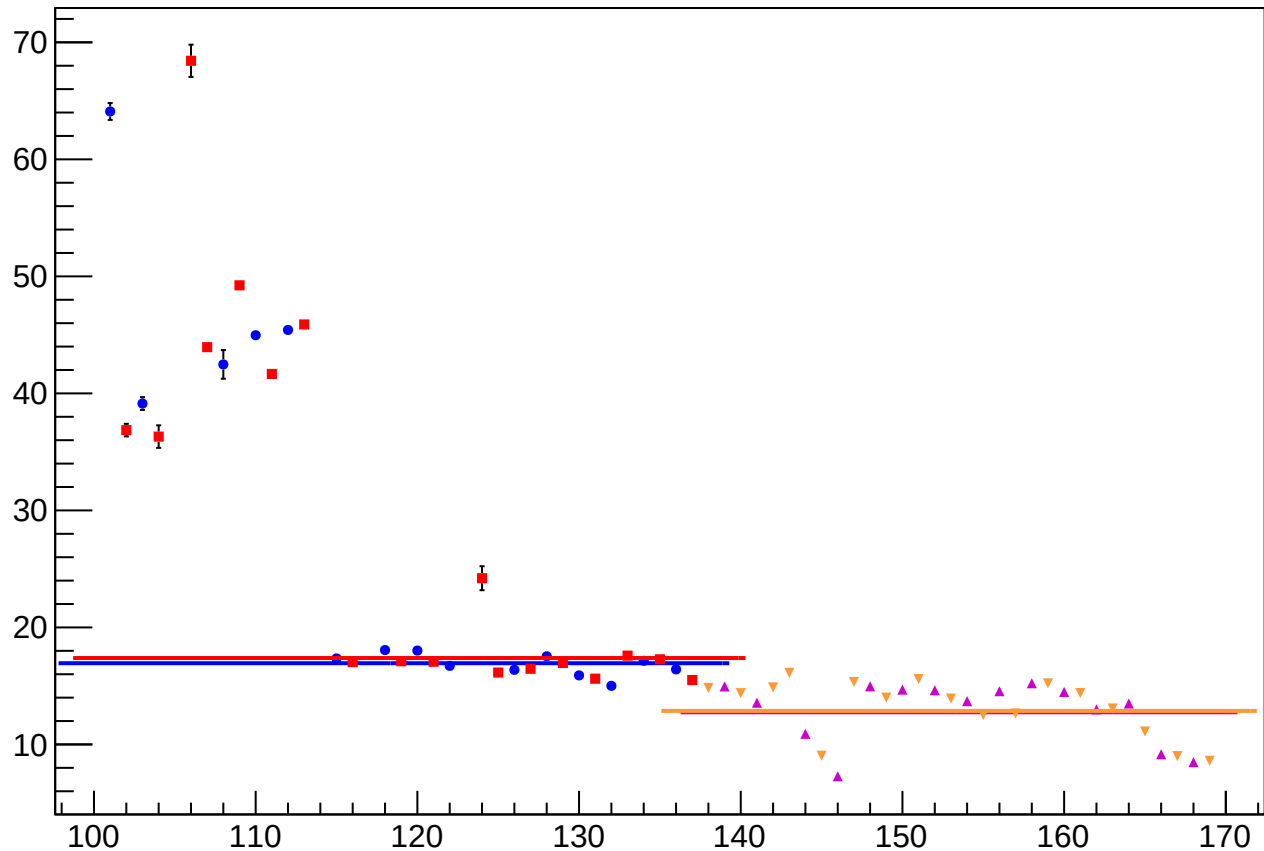
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.510 $\pm$ 0.002 χ^2/NDF :17098.9/29

Out: 0.524 $\pm$ 0.002 χ^2/NDF :12705.8/34

All: 0.516 $\pm$ 0.001 χ^2/NDF : 29827.4/64

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 12.866 ± 0.008 χ^2/NDF : 126293.5/16

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 12.747 ± 0.008 χ^2/NDF : 108335.0/14

Left: 12.806 ± 0.006 χ^2/NDF : 234732.2/31

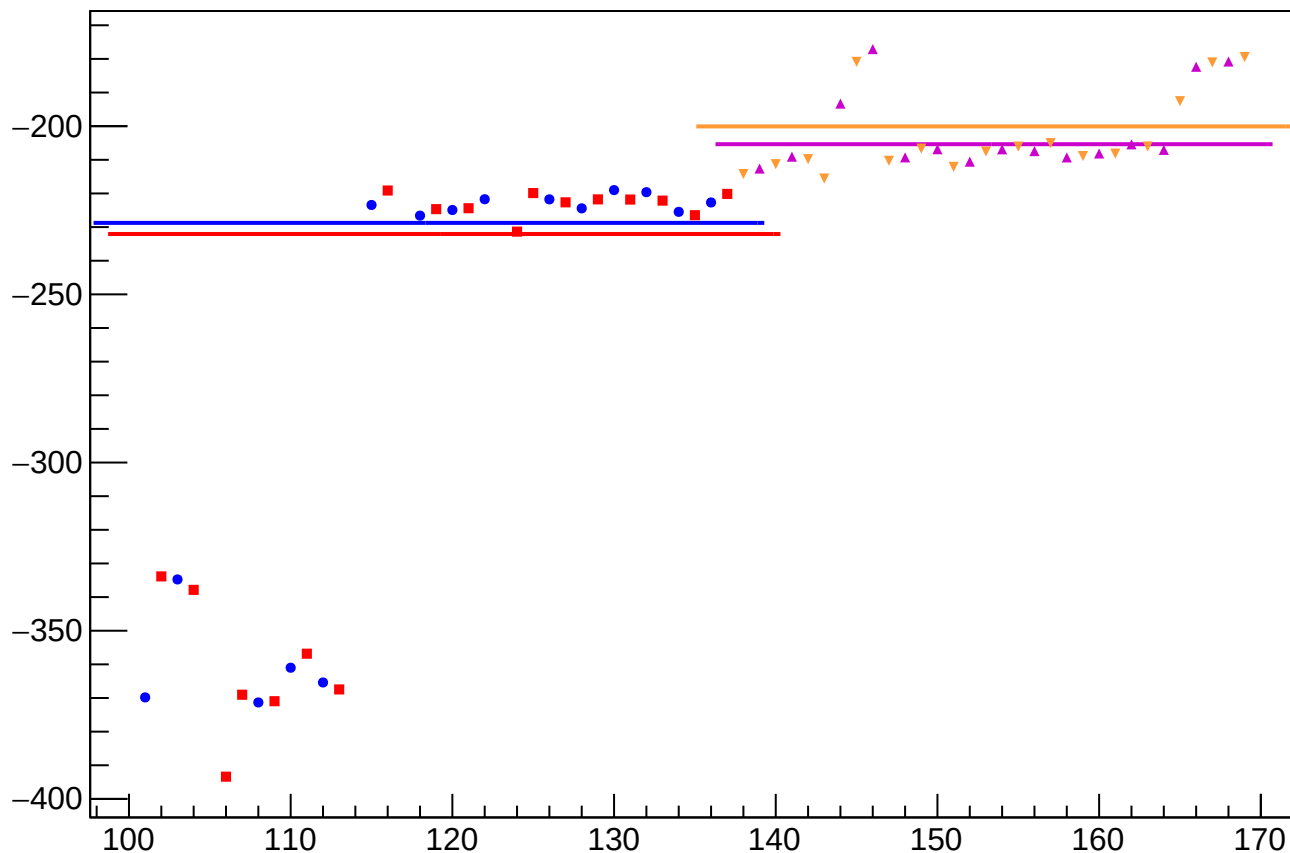
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 13.955 ± 0.007 χ^2/NDF : 212977.9/29

Out: 13.691 ± 0.008 χ^2/NDF : 241389.6/34

All: 13.834 ± 0.005 χ^2/NDF : 455036.4/64

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -200.070 ± 0.016 $\chi^2/\text{NDF}: 726718.1/16$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -205.358 ± 0.017 $\chi^2/\text{NDF}: 231252.0/14$

Left: -202.578 ± 0.012 $\chi^2/\text{NDF}: 1010145.8/31$

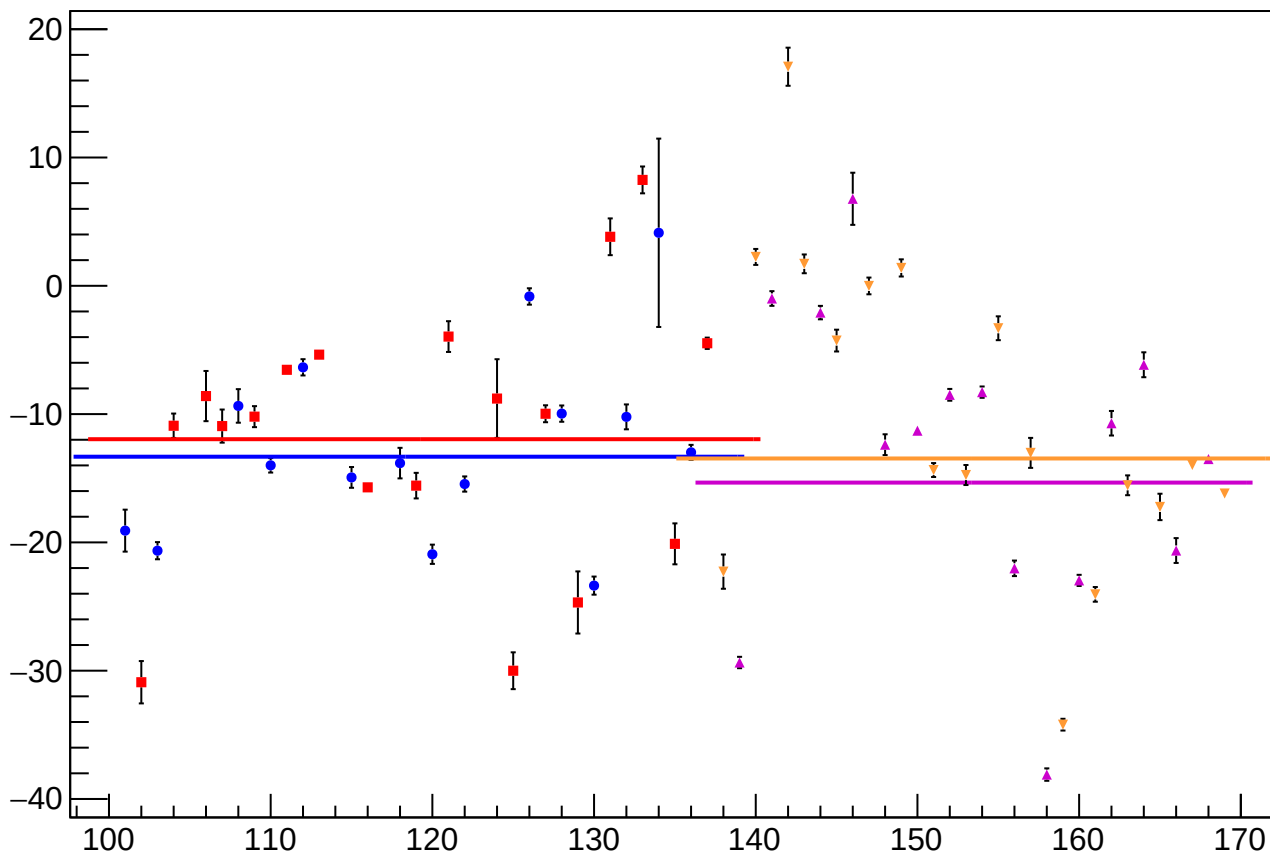
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -209.799 ± 0.015 $\chi^2/\text{NDF}: 1257278.9/29$

Out: -204.219 ± 0.015 $\chi^2/\text{NDF}: 2040305.4/34$

All: -206.964 ± 0.011 $\chi^2/\text{NDF}: 3366843.8/64$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 $\pm$ 0.194 χ^2/NDF : 1013.0/14

Left Out: -13.459 $\pm$ 0.145 χ^2/NDF : 5152.5/16

Right Out: -11.956 $\pm$ 0.113 χ^2/NDF : 2487.2/17

Left In: -15.339 $\pm$ 0.135 χ^2/NDF : 5816.3/14

Left: -14.464 $\pm$ 0.099 χ^2/NDF : 11059.0/31

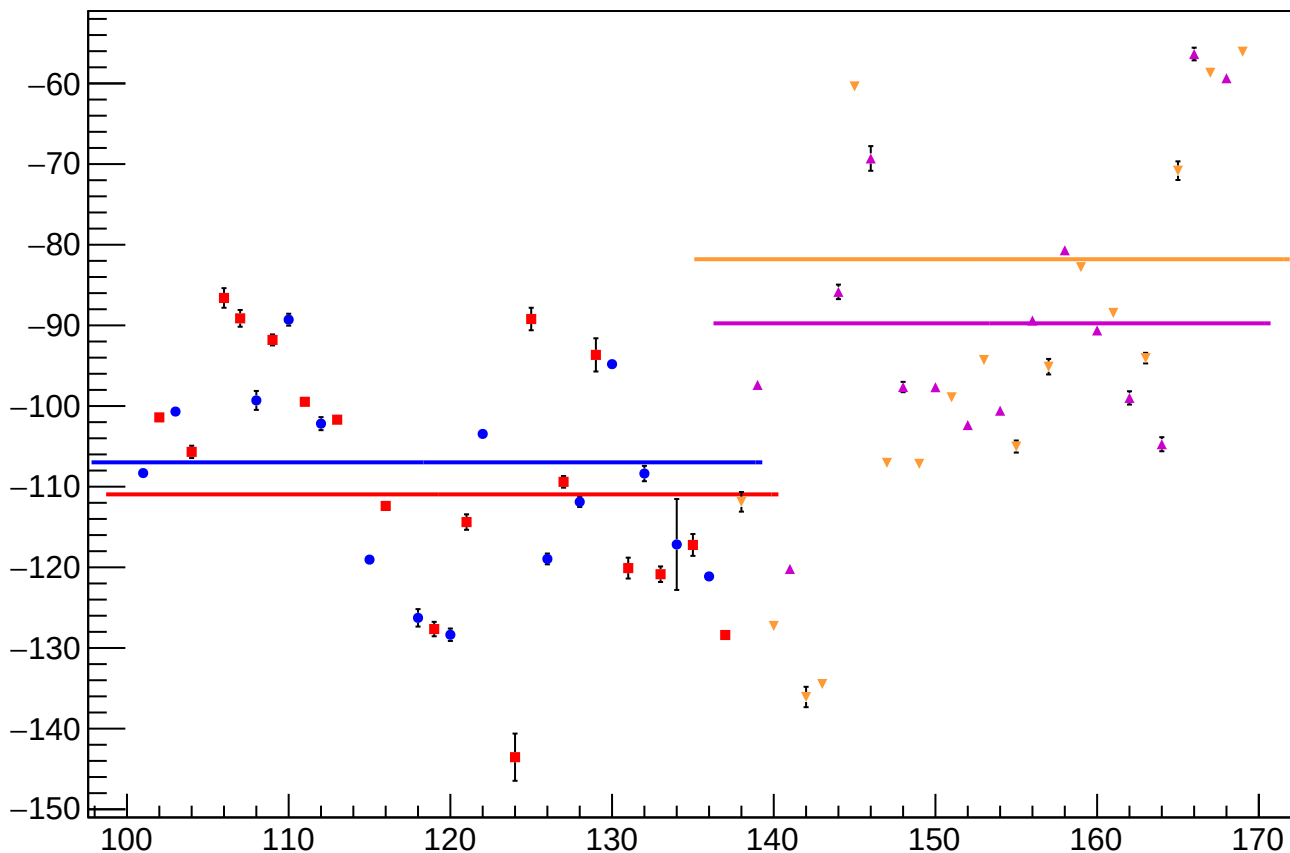
Right: -12.301 $\pm$ 0.097 χ^2/NDF : 3537.3/32

In: -14.679 $\pm$ 0.111 χ^2/NDF : 6902.4/29

Out: -12.524 $\pm$ 0.089 χ^2/NDF : 7706.8/34

All: -13.367 $\pm$ 0.069 χ^2/NDF : 14839.6/64

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -81.797 ± 0.115 $\chi^2/\text{NDF}: 46087.0/16$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -89.747 ± 0.111 $\chi^2/\text{NDF}: 23597.7/14$

Left: -85.921 ± 0.080 $\chi^2/\text{NDF}: 72162.7/31$

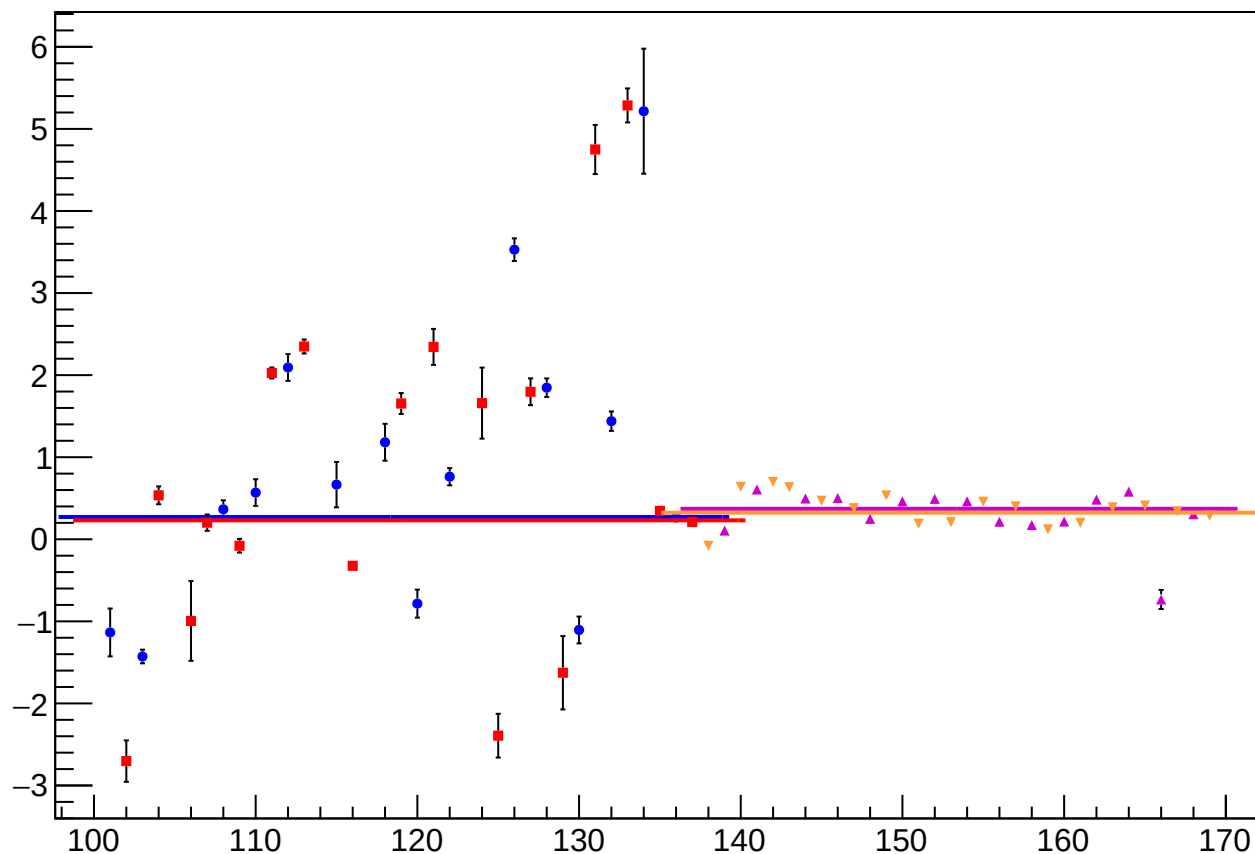
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -98.425 ± 0.078 $\chi^2/\text{NDF}: 40439.9/29$

Out: -106.293 ± 0.046 $\chi^2/\text{NDF}: 110739.6/34$

All: -104.265 ± 0.040 $\chi^2/\text{NDF}: 158717.4/64$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.324 ± 0.002 $\chi^2/\text{NDF}: 6508.0/16$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.371 ± 0.002 $\chi^2/\text{NDF}: 7763.5/14$

Left: 0.350 ± 0.001 $\chi^2/\text{NDF}: 14539.2/31$

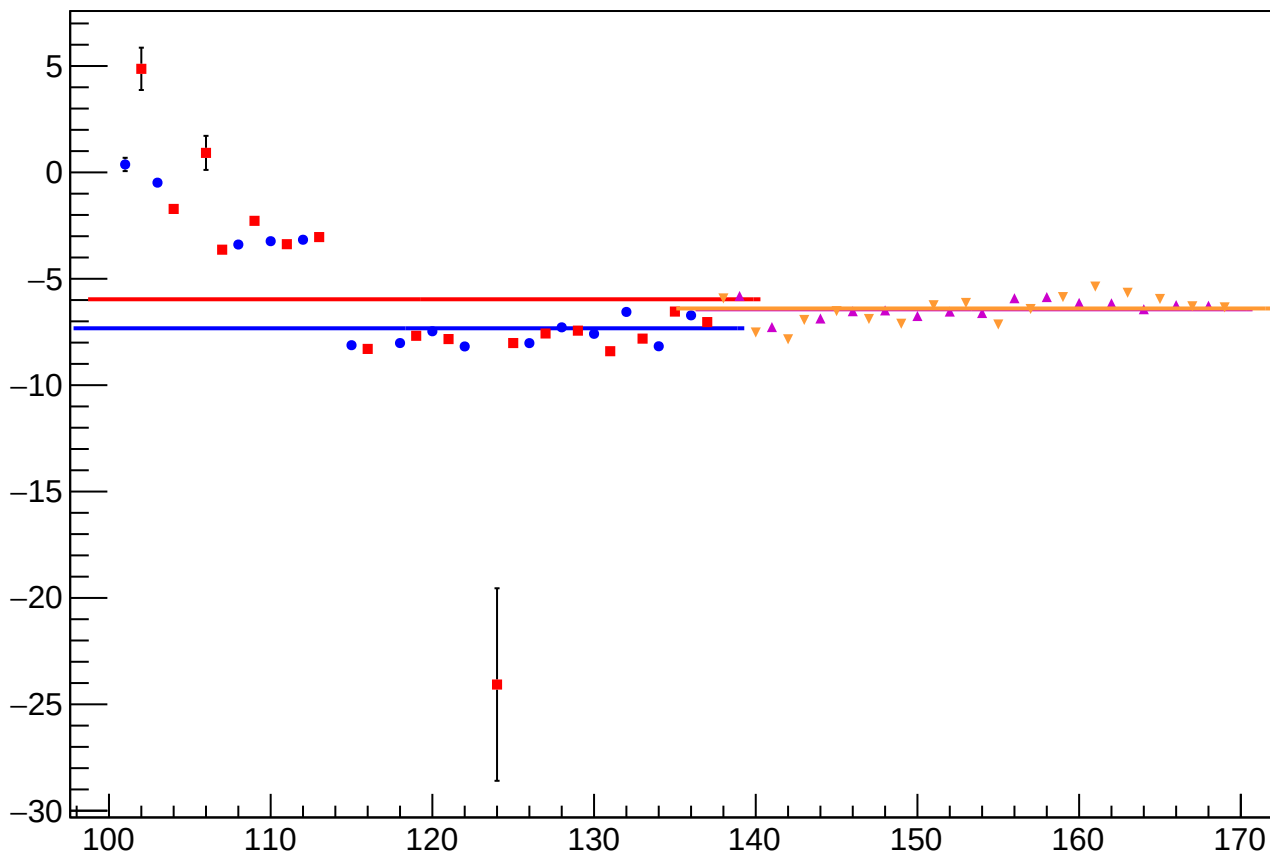
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.359 ± 0.002 $\chi^2/\text{NDF}: 9685.9/29$

Out: 0.306 ± 0.002 $\chi^2/\text{NDF}: 9773.9/34$

All: 0.334 ± 0.001 $\chi^2/\text{NDF}: 19863.6/64$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.396+/-0.005 χ^2/NDF : 6007.2/16

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.436+/-0.005 χ^2/NDF : 5505.2/14

Left: -6.415+/-0.004 χ^2/NDF : 11540.6/31

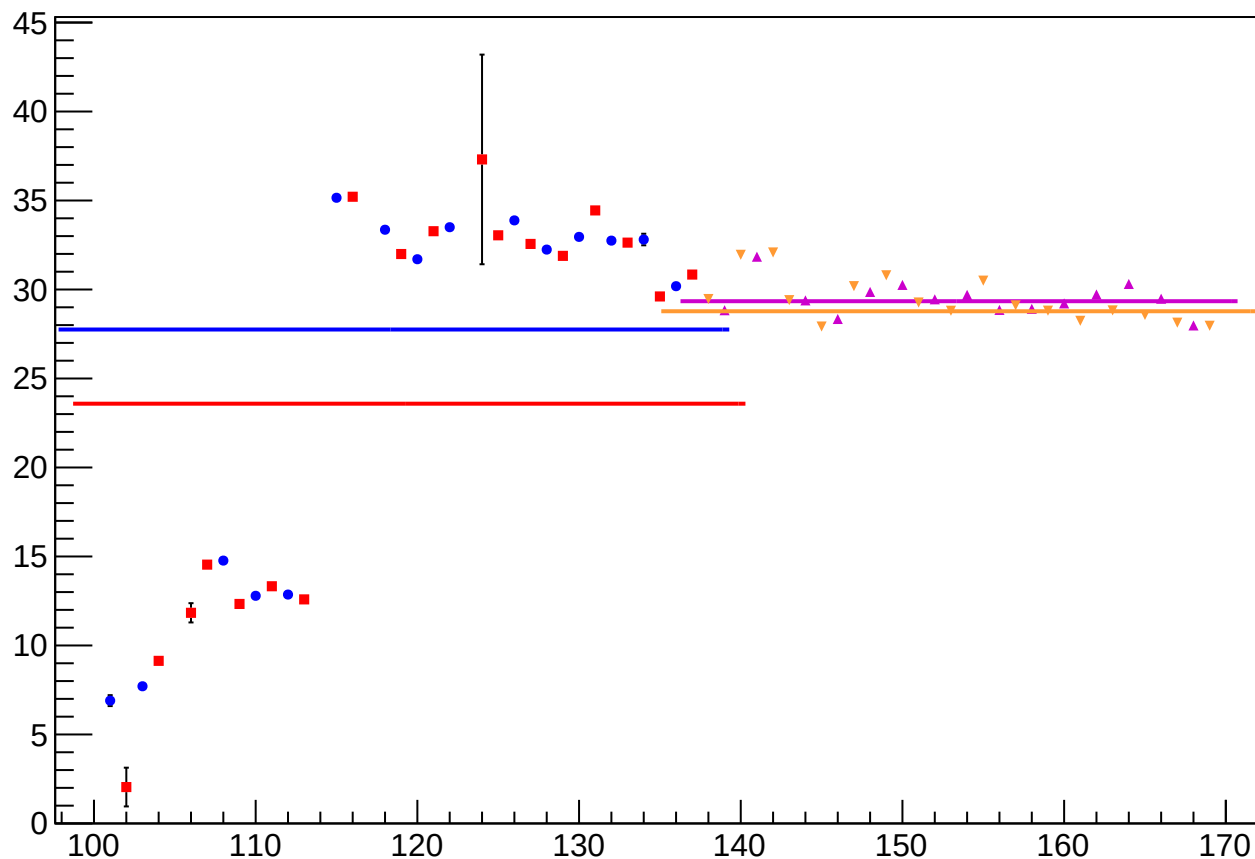
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.701+/-0.005 χ^2/NDF : 43940.0/29

Out: -6.279+/-0.005 χ^2/NDF : 79581.2/34

All: -6.490+/-0.003 χ^2/NDF : 127790.4/64

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 ± 0.015 χ^2/NDF : 332926.6/14

Left Out: 28.778 ± 0.009 χ^2/NDF : 12422.4/16

Right Out: 23.585 ± 0.014 χ^2/NDF : 539616.2/17

Left In: 29.342 ± 0.010 χ^2/NDF : 5988.4/14

Left: 29.039 ± 0.007 χ^2/NDF : 20079.6/31

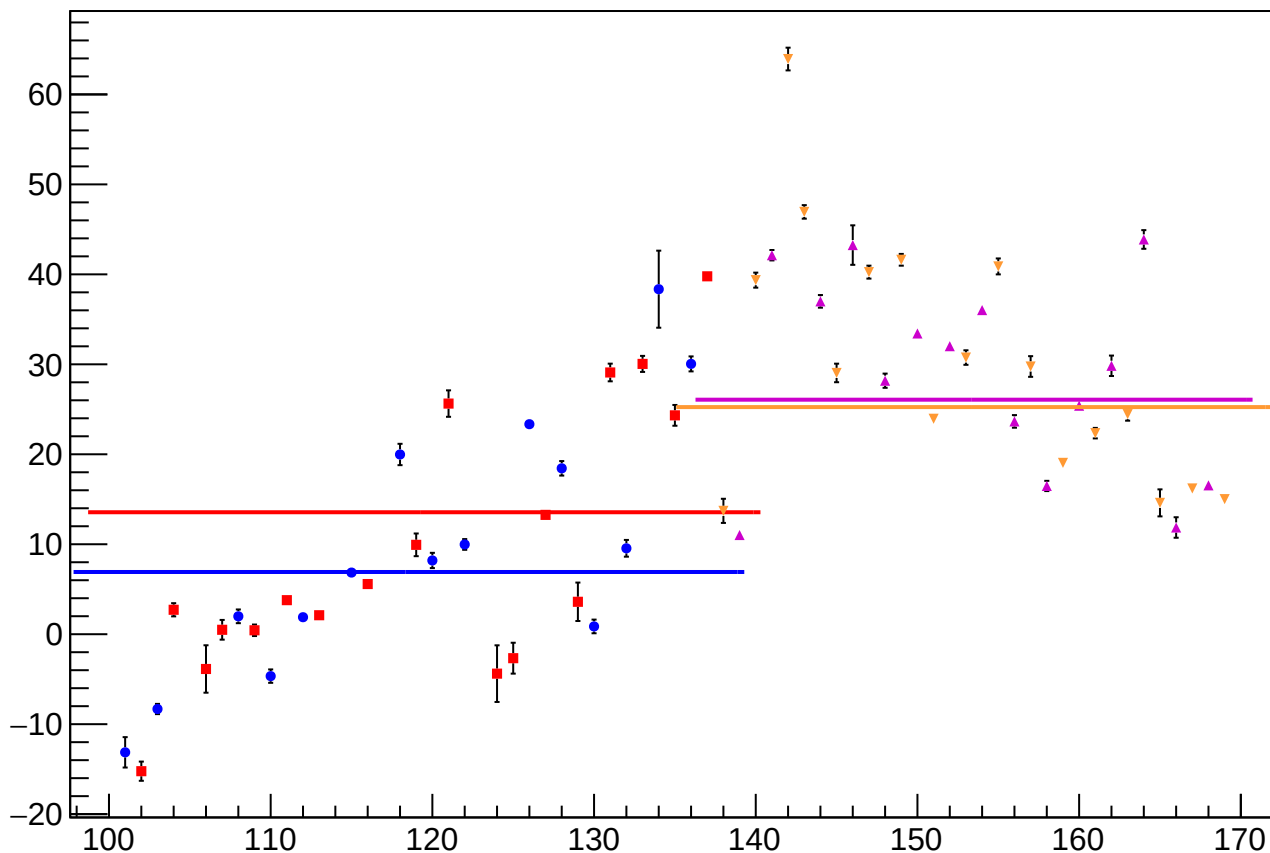
Right: 25.477 ± 0.010 χ^2/NDF : 914478.1/32

In: 28.846 ± 0.008 χ^2/NDF : 346609.5/29

Out: 27.121 ± 0.008 χ^2/NDF : 649691.1/34

All: 27.914 ± 0.006 χ^2/NDF : 1019096.2/64

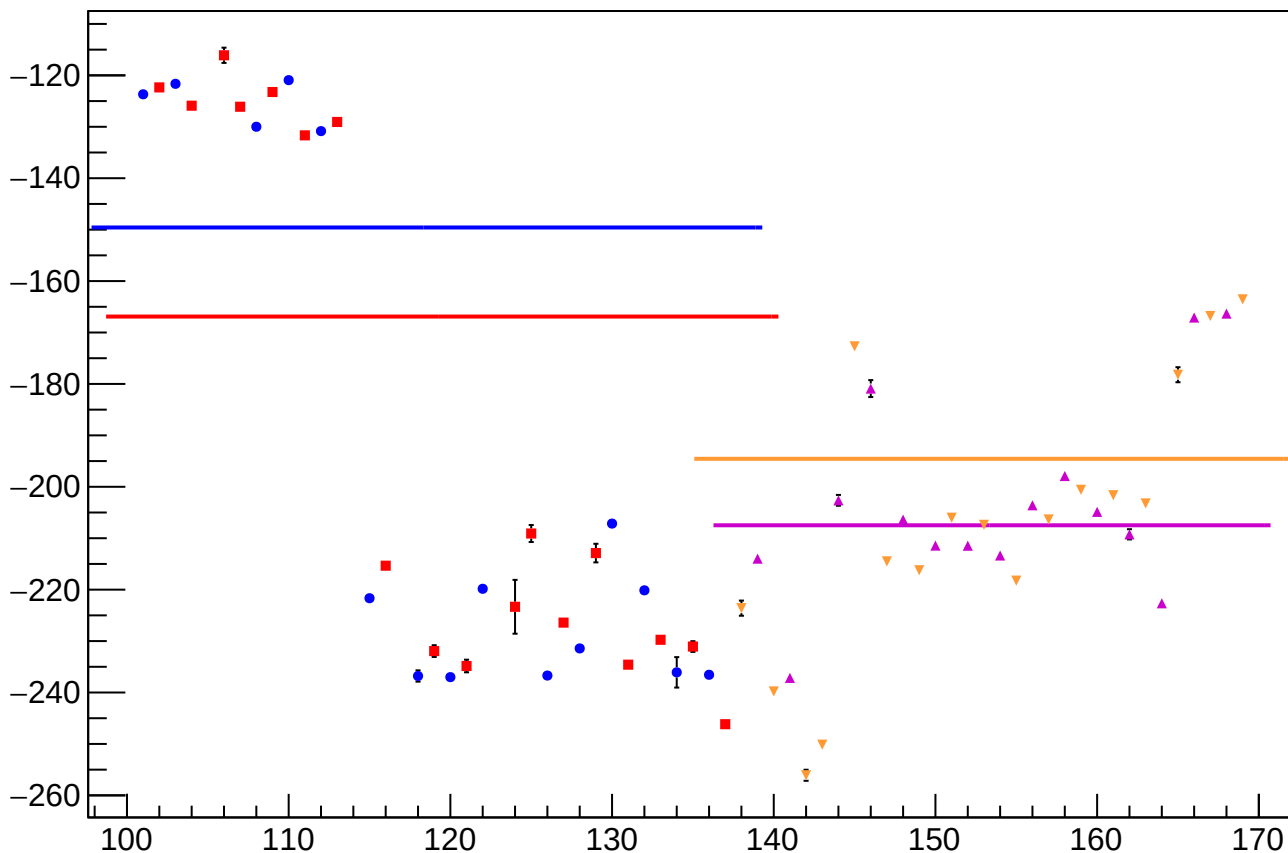
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 25.245 ± 0.157 $\chi^2/\text{NDF}: 5084.7/16$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.068 ± 0.139 $\chi^2/\text{NDF}: 5433.1/14$

Left: 25.705 ± 0.104 $\chi^2/\text{NDF}: 10533.2/31$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 18.715 ± 0.109 $\chi^2/\text{NDF}: 16185.8/29$
 Out: 18.938 ± 0.107 $\chi^2/\text{NDF}: 19730.8/34$
 All: 18.829 ± 0.076 $\chi^2/\text{NDF}: 35918.8/64$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 +/- 0.101 χ^2/NDF : 195091.5/14

Left Out: -194.560 +/- 0.126 χ^2/NDF : 41260.6/16

Right Out: -166.899 +/- 0.101 χ^2/NDF : 295489.9/17

Left In: -207.485 +/- 0.116 χ^2/NDF : 17668.5/14

Left: -201.515 +/- 0.085 χ^2/NDF : 64614.7/31

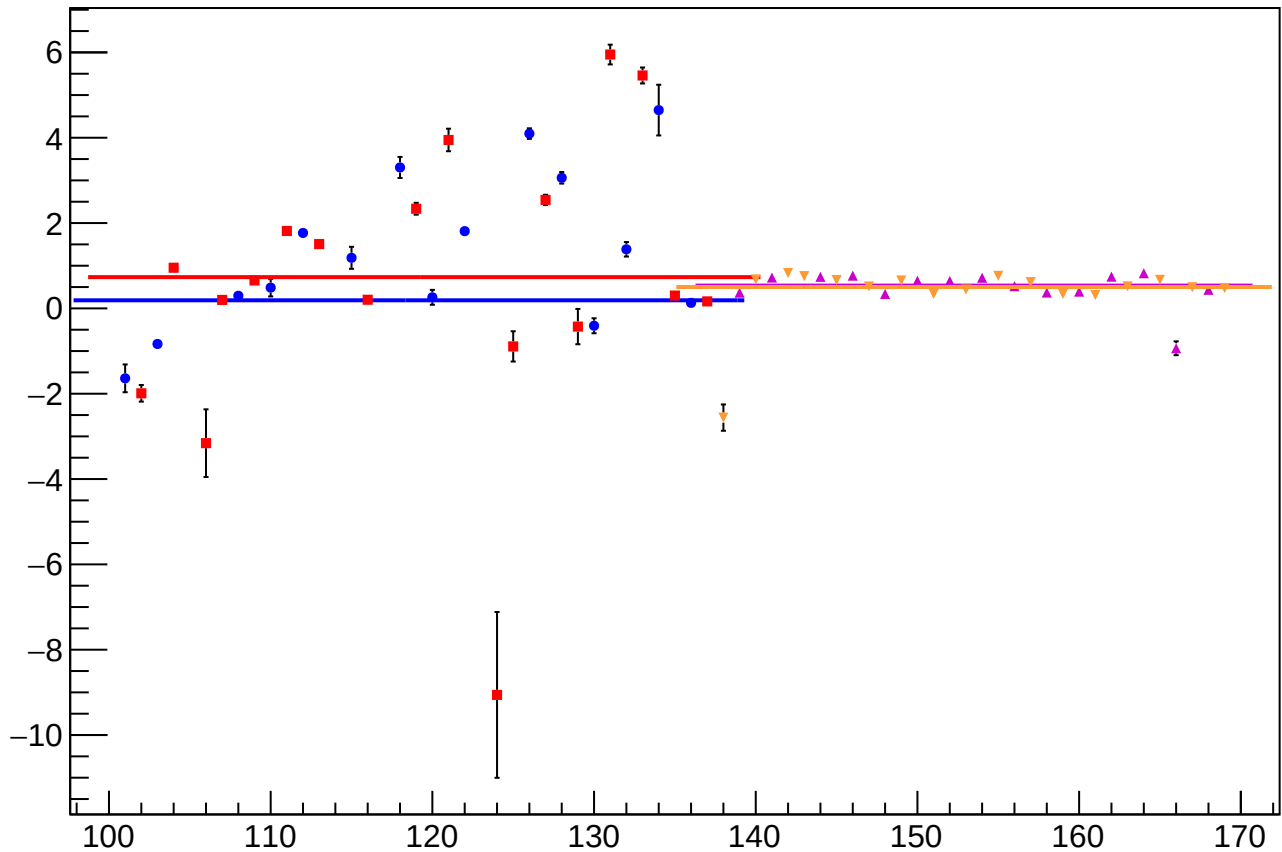
Right: -158.264 +/- 0.071 χ^2/NDF : 505360.9/32

In: -174.392 +/- 0.076 χ^2/NDF : 353957.8/29

Out: -177.692 +/- 0.079 χ^2/NDF : 366256.9/34

All: -175.993 +/- 0.055 χ^2/NDF : 721123.6/64

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.501 $\pm$ 0.003 χ^2 /NDF:3377.1/16

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.534 $\pm$ 0.002 χ^2 /NDF:4449.0/14

Left: 0.519 $\pm$ 0.002 χ^2 /NDF: 7912.5/31

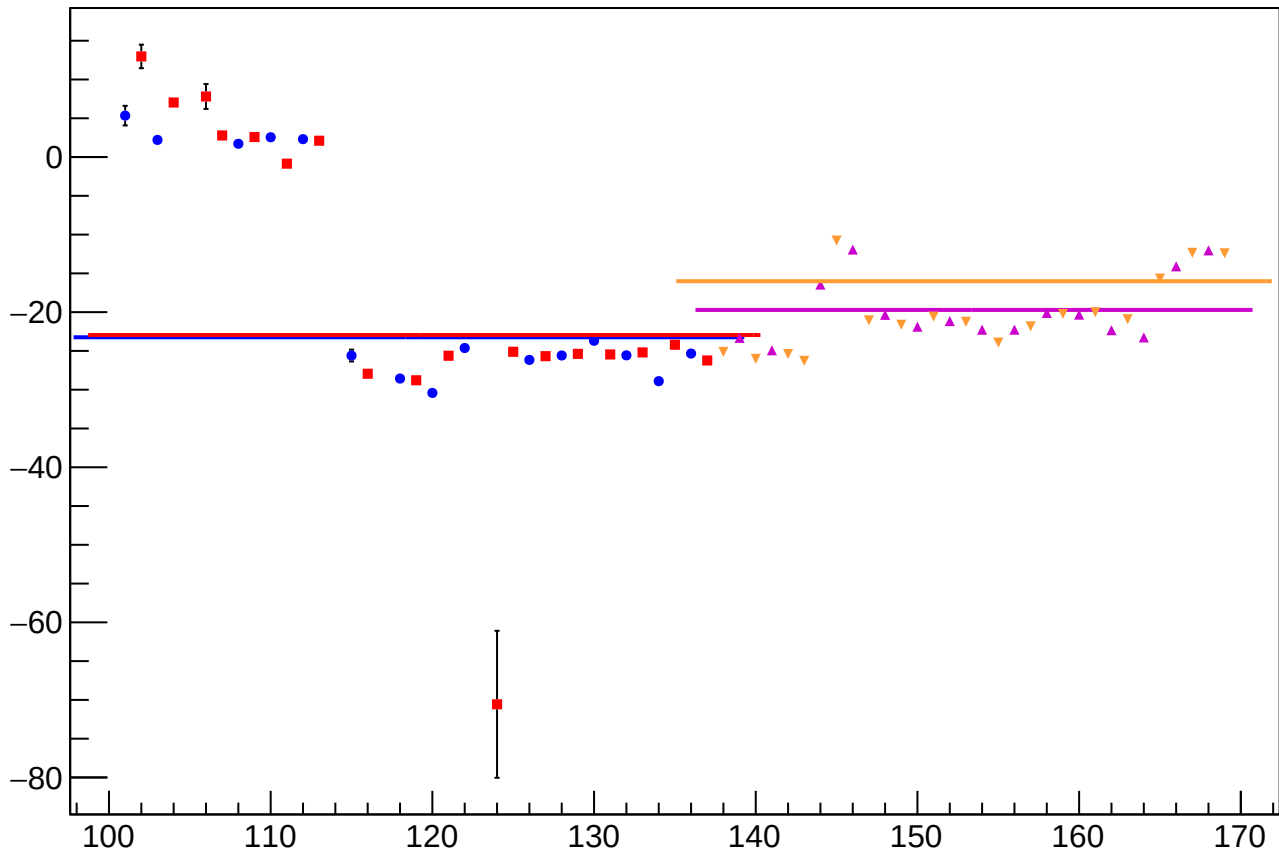
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.510 $\pm$ 0.002 χ^2 /NDF:8663.8/29

Out: 0.505 $\pm$ 0.003 χ^2 /NDF:6179.2/34

All: 0.508 $\pm$ 0.002 χ^2 /NDF: 14844.9/64

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.009 ± 0.012 $\chi^2/\text{NDF}: 166429.3/16$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -19.712 ± 0.014 $\chi^2/\text{NDF}: 58031.6/14$

Left: -17.574 ± 0.009 $\chi^2/\text{NDF}: 262382.3/31$

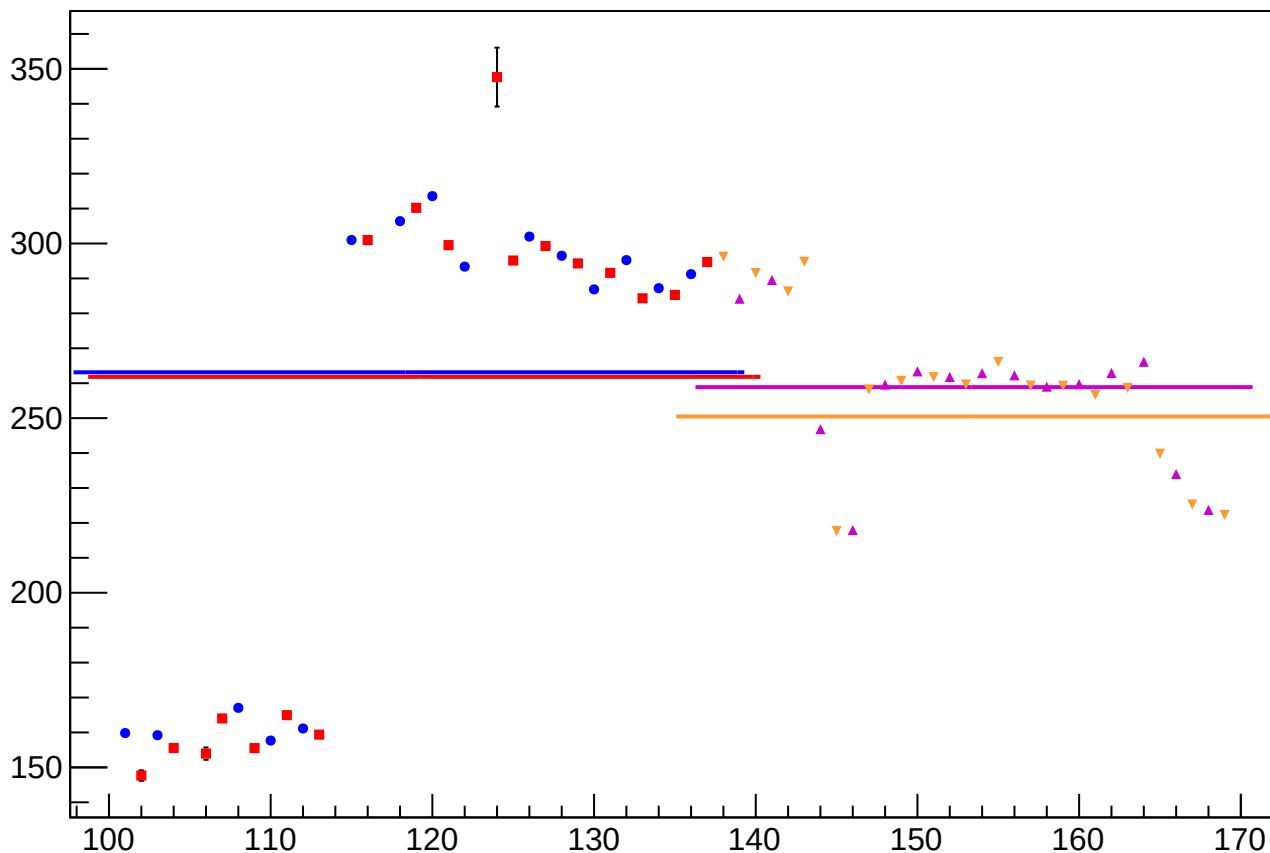
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -20.608 ± 0.012 $\chi^2/\text{NDF}: 176288.4/29$

Out: -17.400 ± 0.011 $\chi^2/\text{NDF}: 337673.7/34$

All: -18.810 ± 0.008 $\chi^2/\text{NDF}: 550988.9/64$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 ± 0.069 χ^2/NDF : 692885.4/14

Left Out: 250.479 ± 0.031 χ^2/NDF : 561820.2/16

Right Out: 261.814 ± 0.060 χ^2/NDF : 1006189.6/17

Left In: 258.871 ± 0.032 χ^2/NDF : 134329.0/14

Left: 254.602 ± 0.022 χ^2/NDF : 731471.8/31

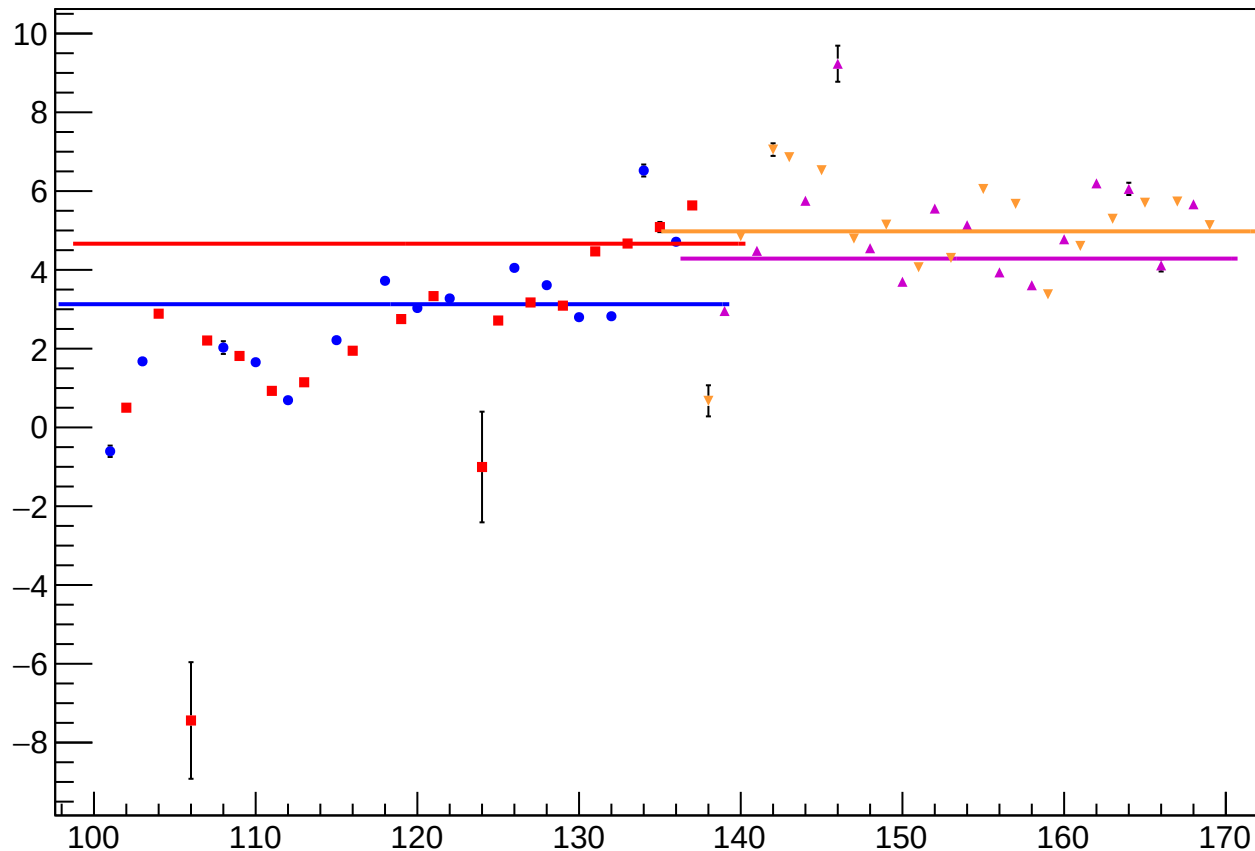
Right: 262.381 ± 0.045 χ^2/NDF : 1699277.6/32

In: 259.616 ± 0.029 χ^2/NDF : 830336.0/29

Out: 252.876 ± 0.028 χ^2/NDF : 1595746.1/34

All: 256.112 ± 0.020 χ^2/NDF : 2454319.1/64

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.978 $\pm$ 0.015 χ^2 /NDF:2363.0/16

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.286 $\pm$ 0.015 χ^2 /NDF:3704.8/14

Left: 4.629 $\pm$ 0.011 χ^2 /NDF: 7088.5/31

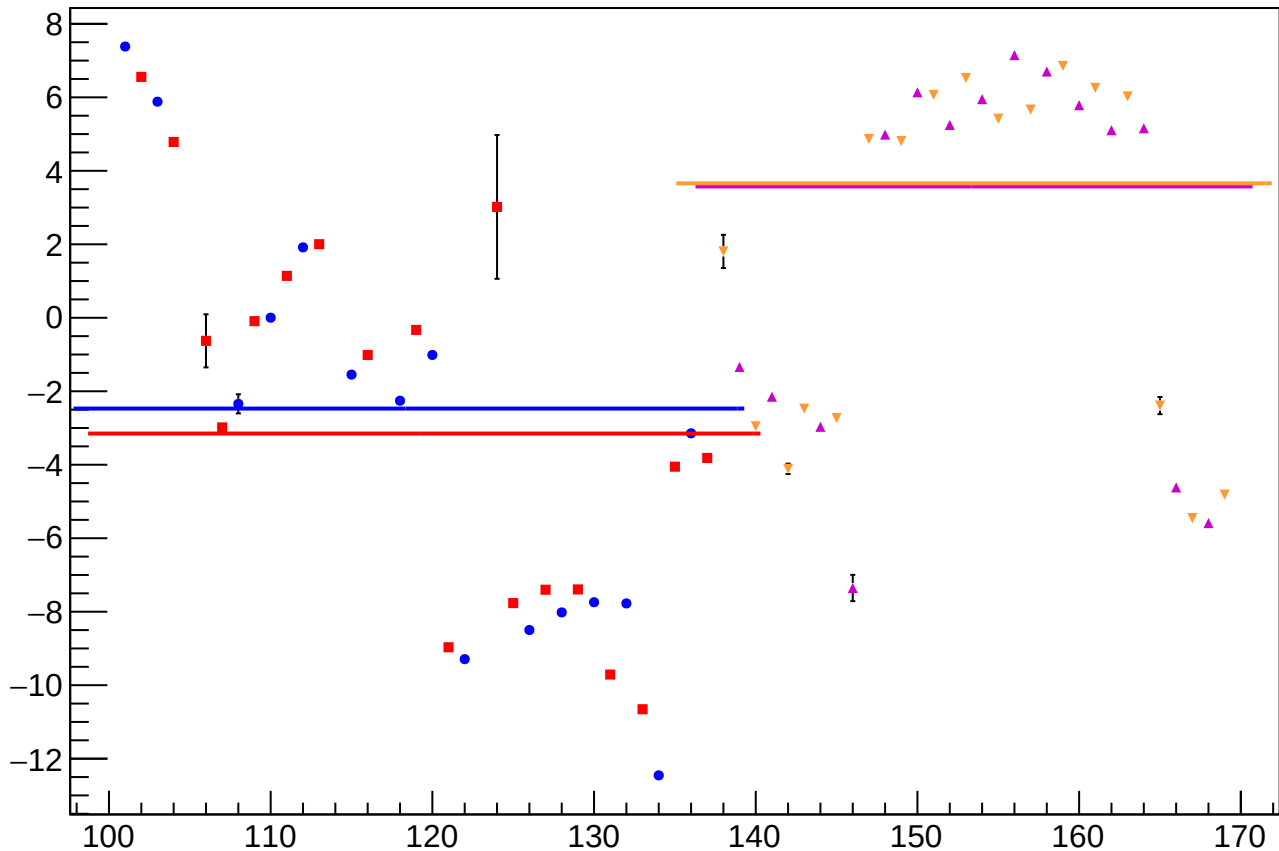
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.727 $\pm$ 0.011 χ^2 /NDF:12163.1/29

Out: 4.710 $\pm$ 0.006 χ^2 /NDF:69580.6/34

All: 4.491 $\pm$ 0.005 χ^2 /NDF: 88003.9/64

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 3.660 ± 0.013 $\chi^2/\text{NDF}: 92357.0/16$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.575 ± 0.013 $\chi^2/\text{NDF}: 96936.6/14$

Left: 3.618 ± 0.009 $\chi^2/\text{NDF}: 189315.5/31$

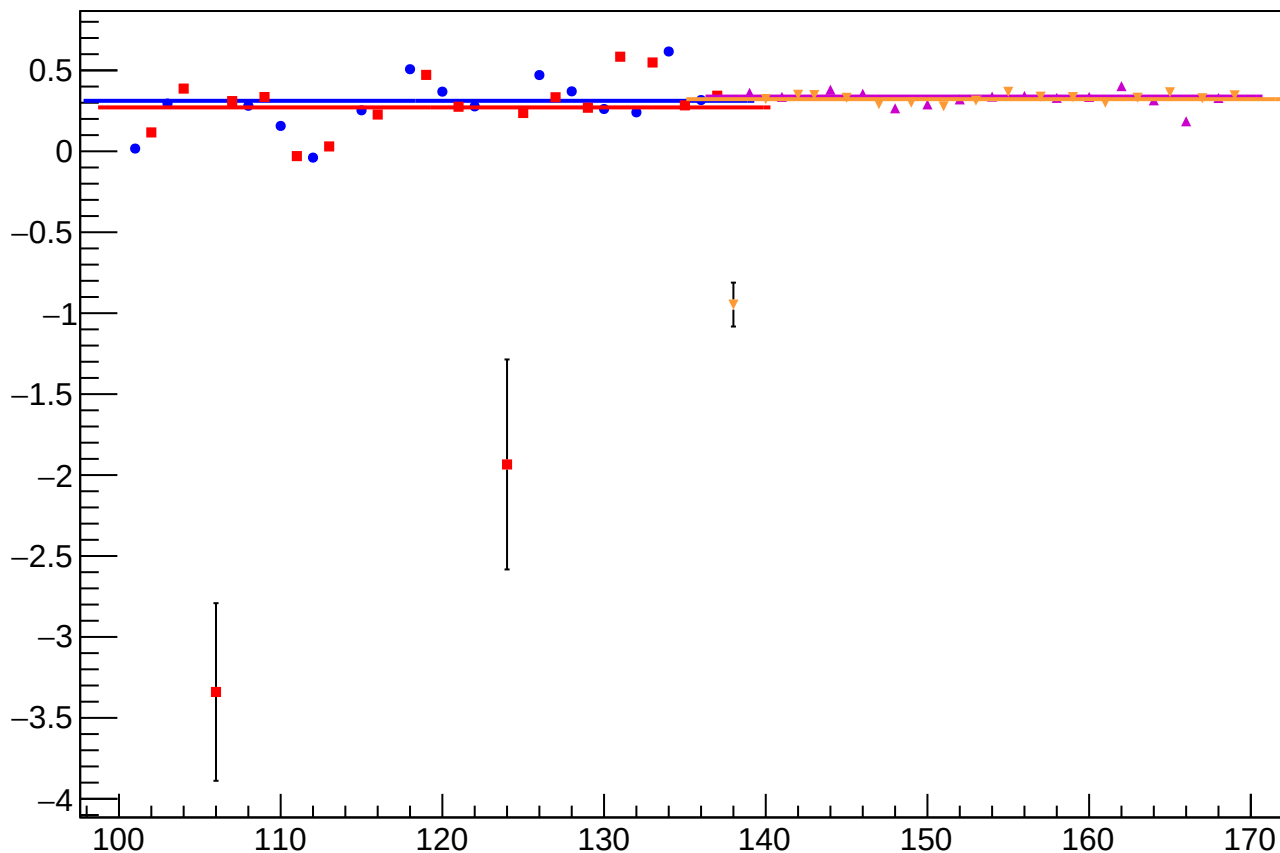
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.805 ± 0.010 $\chi^2/\text{NDF}: 439059.8/29$

Out: -1.428 ± 0.006 $\chi^2/\text{NDF}: 552177.2/34$

All: -0.732 ± 0.005 $\chi^2/\text{NDF}: 1028889.0/64$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.322 ± 0.001 $\chi^2/\text{NDF}: 1561.6/16$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.338 ± 0.001 $\chi^2/\text{NDF}: 2897.1/14$

Left: 0.330 ± 0.000 $\chi^2/\text{NDF}: 4776.6/31$

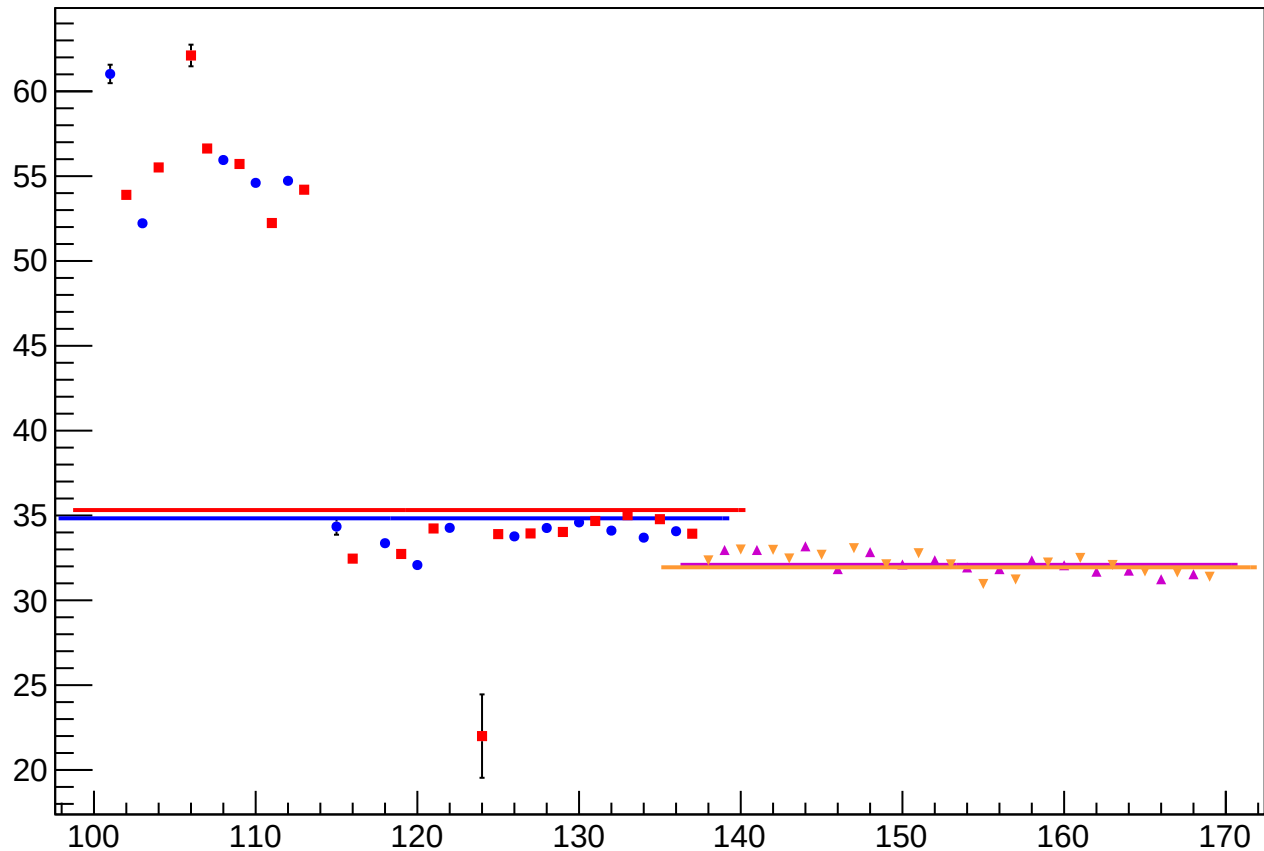
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4553.3/29$

Out: 0.318 ± 0.001 $\chi^2/\text{NDF}: 8238.3/34$

All: 0.326 ± 0.000 $\chi^2/\text{NDF}: 13118.5/64$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.945 $\pm$ 0.003 χ^2 /NDF:19084.7/16

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.090 $\pm$ 0.004 χ^2 /NDF:9394.5/14

Left: 32.007 $\pm$ 0.003 χ^2 /NDF: 29208.3/31

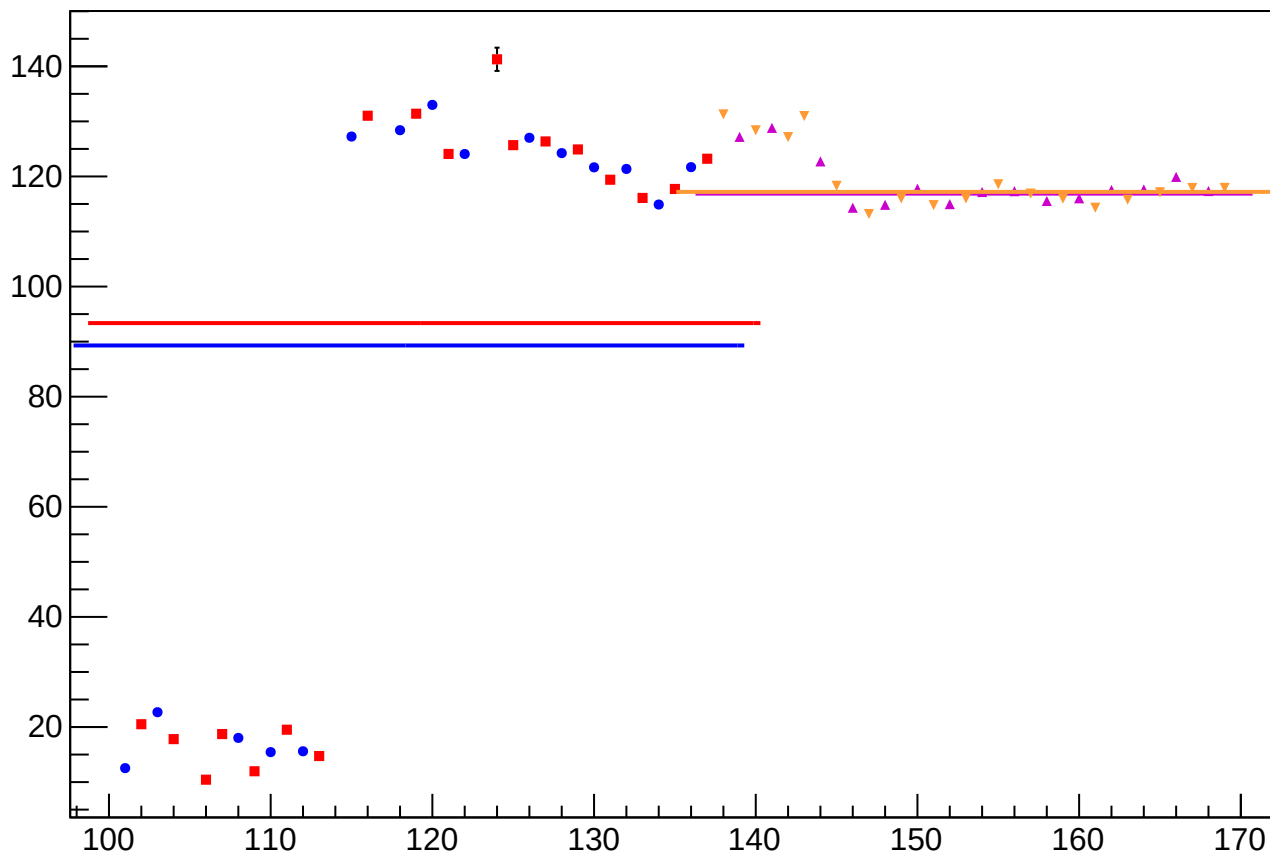
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.590 $\pm$ 0.004 χ^2 /NDF:337667.8/29

Out: 32.316 $\pm$ 0.003 χ^2 /NDF:382844.1/34

All: 32.438 $\pm$ 0.002 χ^2 /NDF: 723573.9/64

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.198 ± 0.008 $\chi^2/\text{NDF}: 123157.2/16$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.882 ± 0.009 $\chi^2/\text{NDF}: 42714.7/14$

Left: 117.060 ± 0.006 $\chi^2/\text{NDF}: 166508.7/31$

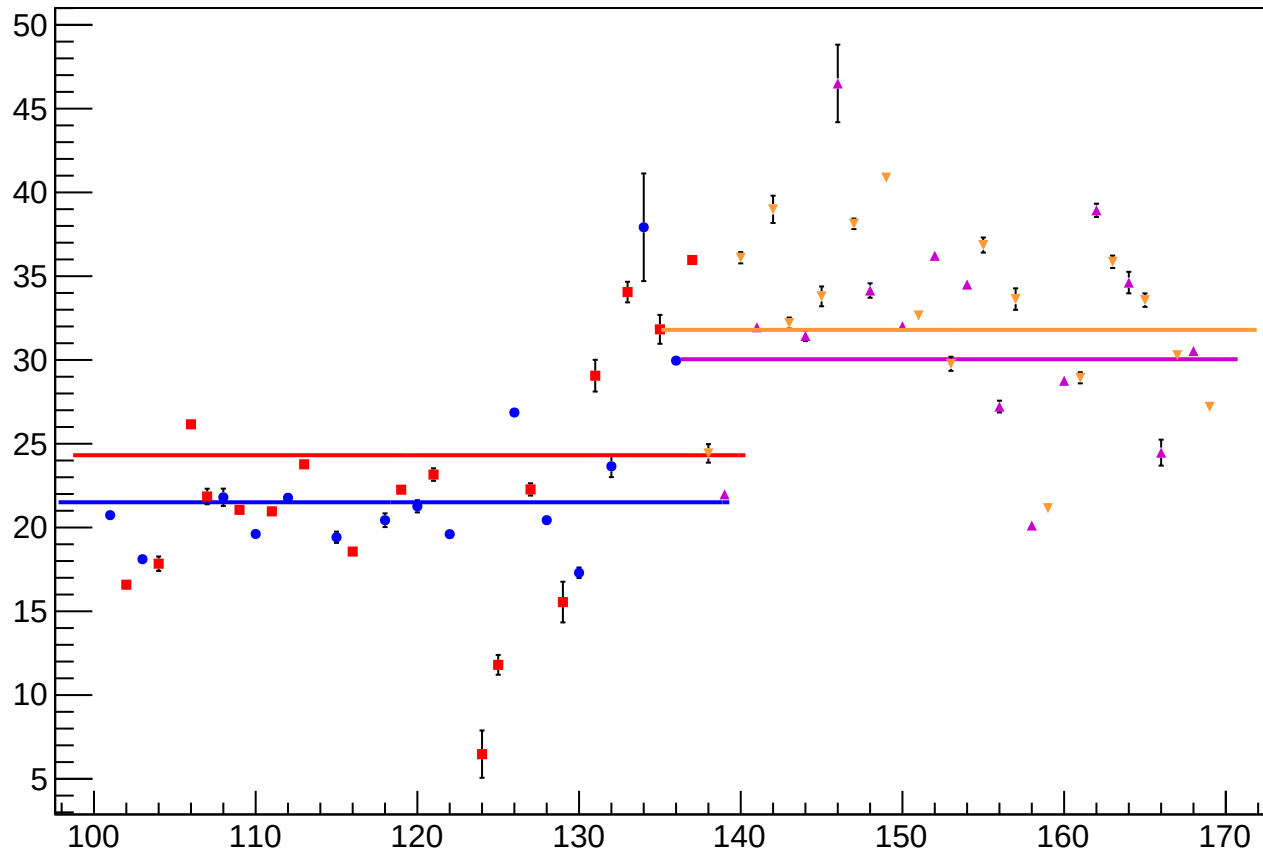
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 113.977 ± 0.009 $\chi^2/\text{NDF}: 3981135.5/29$

Out: 115.494 ± 0.008 $\chi^2/\text{NDF}: 3563825.7/34$

All: 114.815 ± 0.006 $\chi^2/\text{NDF}: 7561006.1/64$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.797 $\pm$ 0.082 χ^2 /NDF:4123.6/16

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 30.044 $\pm$ 0.075 χ^2 /NDF:4690.4/14

Left: 30.841 $\pm$ 0.055 χ^2 /NDF: 9063.1/31

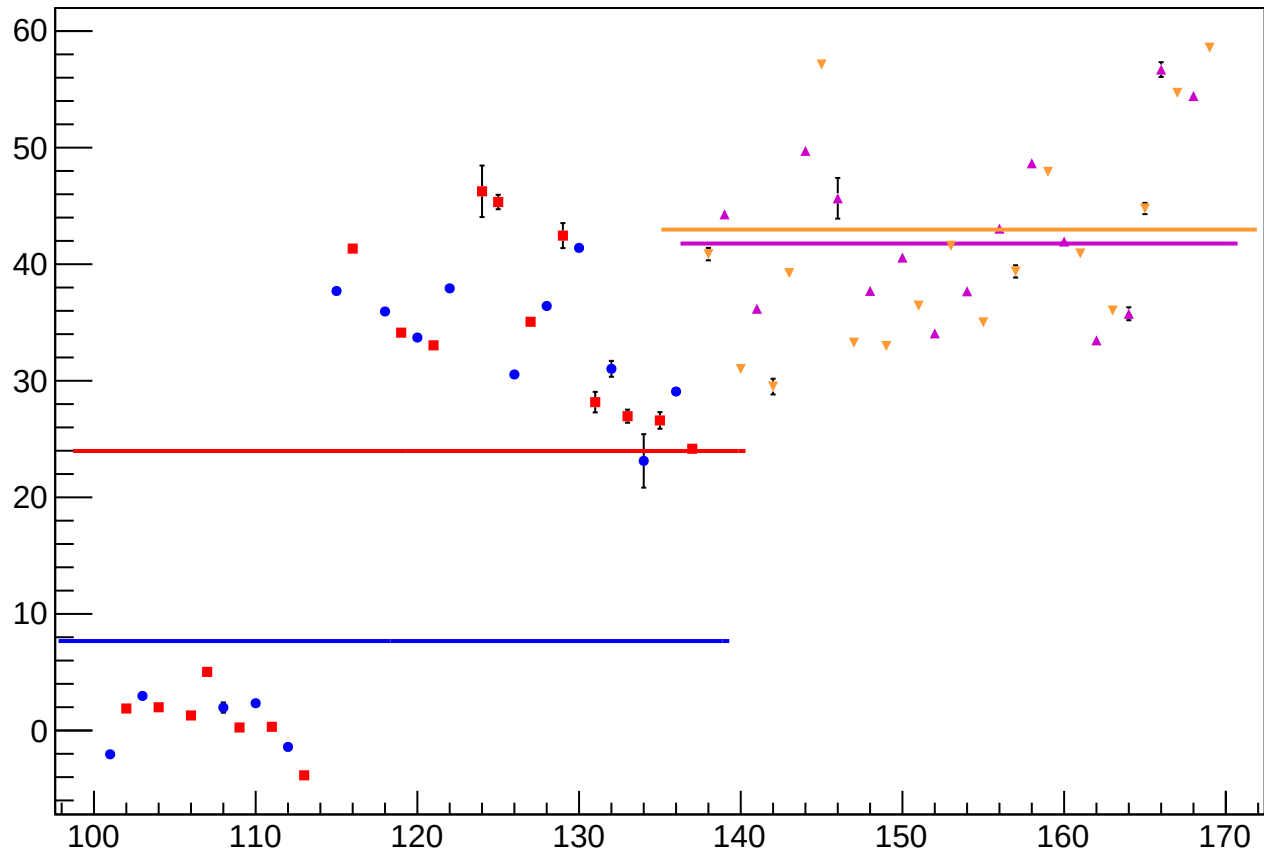
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 25.625 $\pm$ 0.052 χ^2 /NDF:14375.0/29

Out: 26.834 $\pm$ 0.048 χ^2 /NDF:23934.9/34

All: 26.283 $\pm$ 0.035 χ^2 /NDF: 38603.4/64

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 42.970 ± 0.068 χ^2/NDF : 18148.4/16

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 41.773 ± 0.062 χ^2/NDF : 8455.1/14

Left: 42.317 ± 0.046 χ^2/NDF : 26772.5/31

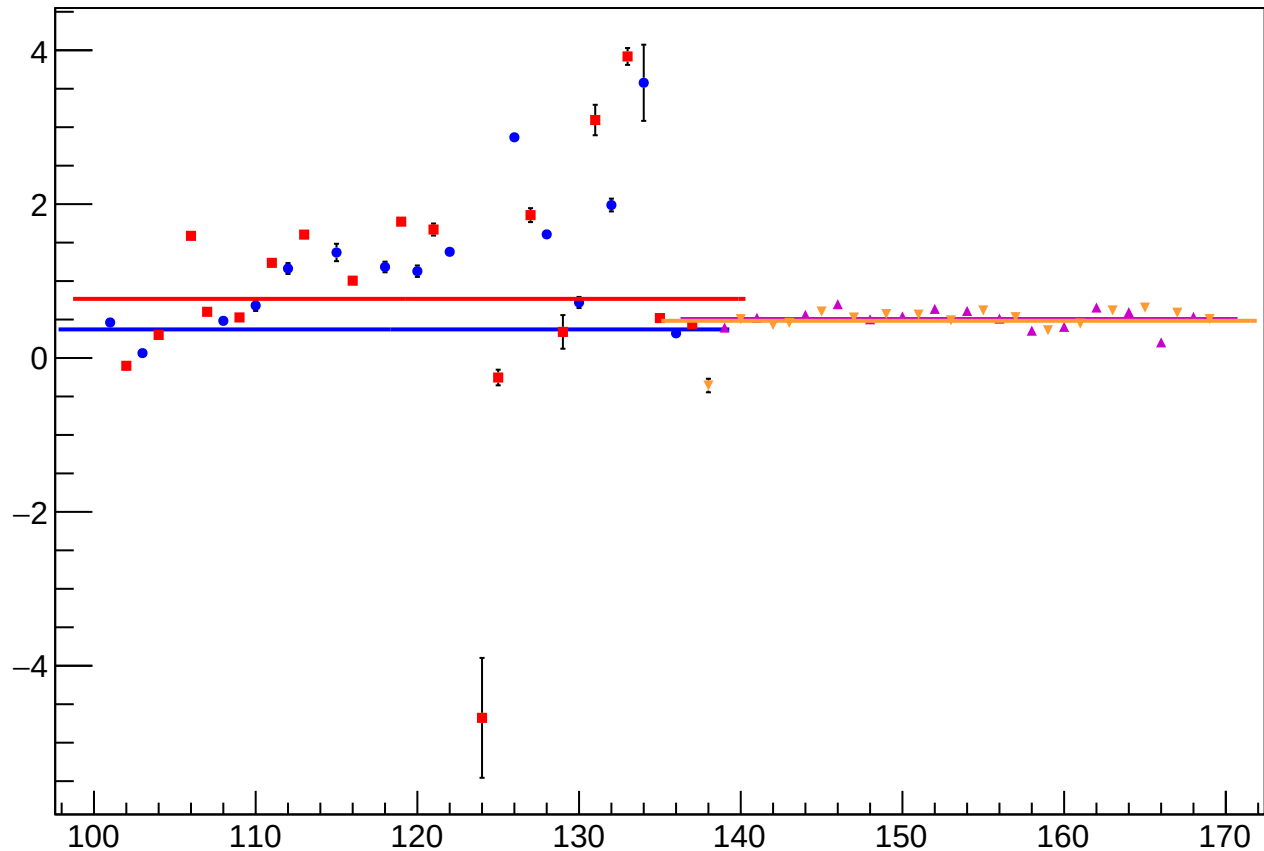
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 19.506 ± 0.037 χ^2/NDF : 302044.0/29

Out: 24.248 ± 0.008 χ^2/NDF : 205588.1/34

All: 24.025 ± 0.008 χ^2/NDF : 523671.5/64

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.484 ± 0.001 $\chi^2/\text{NDF}: 6461.7/16$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.507 ± 0.001 $\chi^2/\text{NDF}: 8756.1/14$

Left: 0.496 ± 0.001 $\chi^2/\text{NDF}: 15415.1/31$

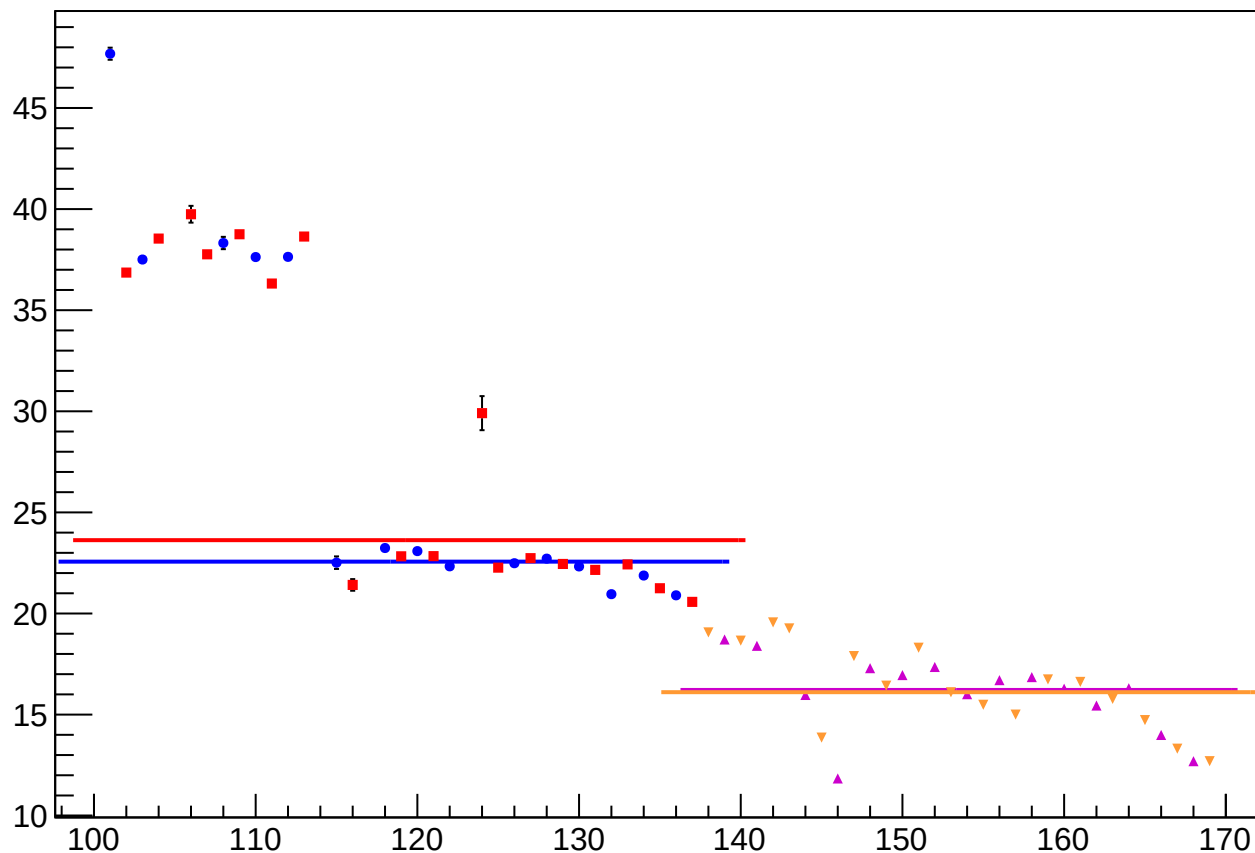
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.498 ± 0.001 $\chi^2/\text{NDF}: 14404.1/29$

Out: 0.492 ± 0.001 $\chi^2/\text{NDF}: 12242.0/34$

All: 0.495 ± 0.001 $\chi^2/\text{NDF}: 26662.5/64$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 16.109 $\pm$ 0.006 χ^2 /NDF:130679.2/16

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.219 $\pm$ 0.007 χ^2 /NDF:52315.0/14

Left: 16.156 $\pm$ 0.005 χ^2 /NDF: 183126.0/31

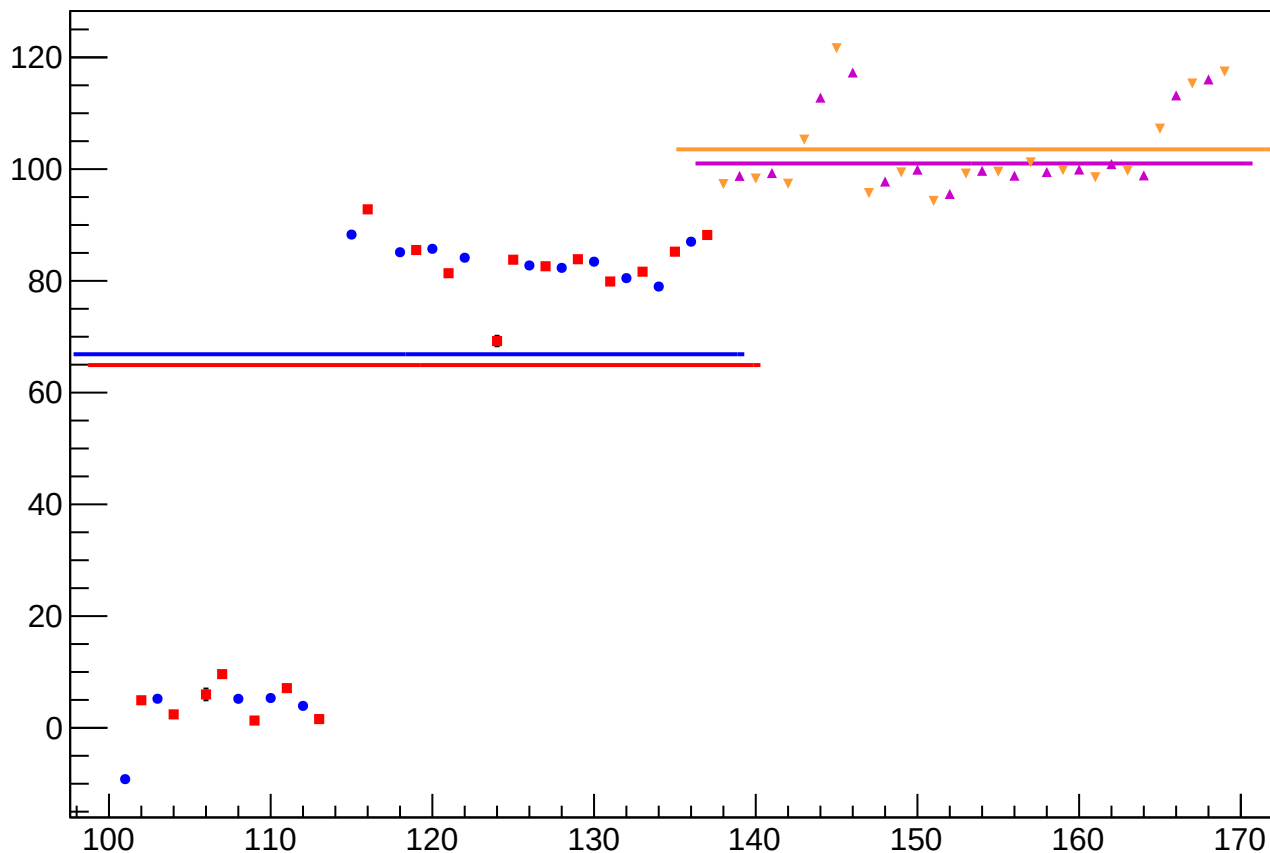
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 18.356 $\pm$ 0.006 χ^2 /NDF:403222.7/29

Out: 17.886 $\pm$ 0.005 χ^2 /NDF:596598.6/34

All: 18.103 $\pm$ 0.004 χ^2 /NDF: 1003238.0/64

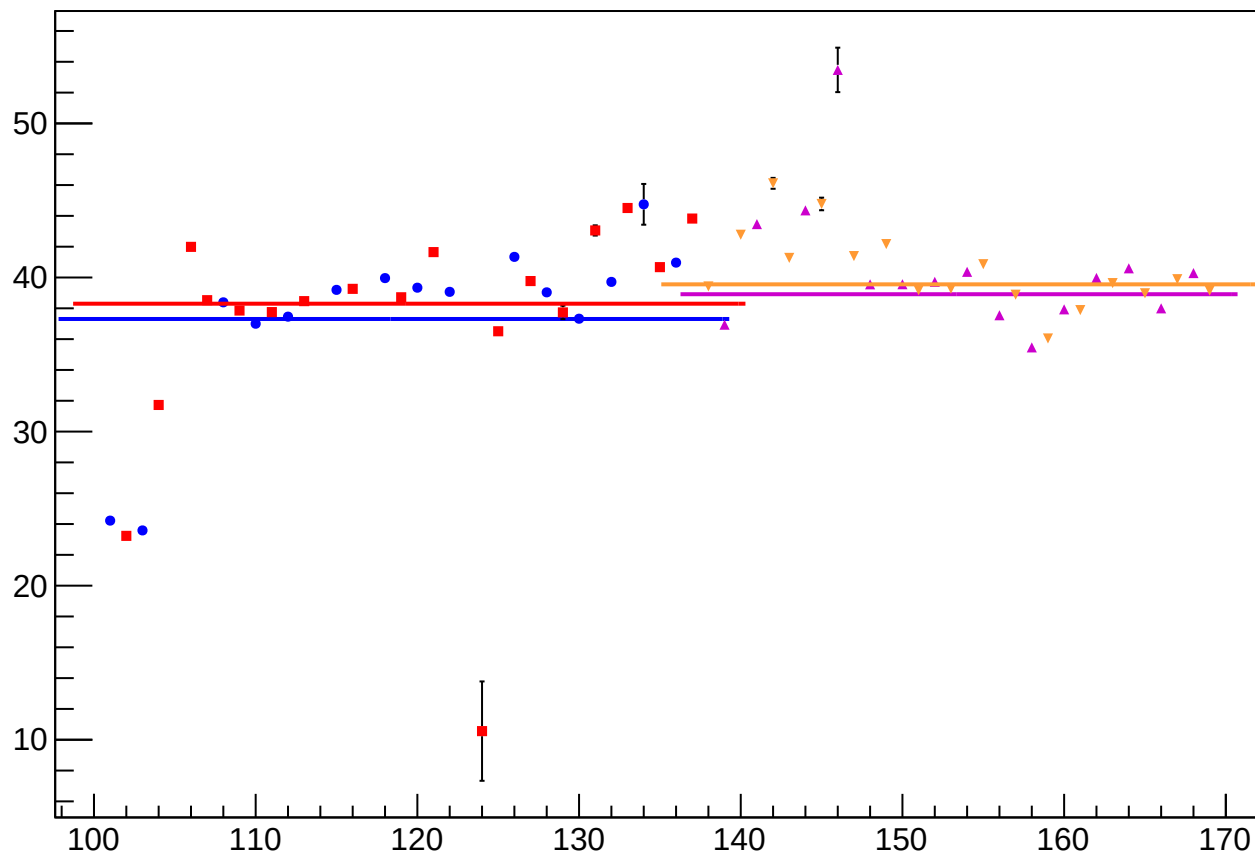
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14
 Left Out: 103.535 $\pm$ 0.012 χ^2 /NDF: 454982.7/16
 Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17
 Left In: 101.011 $\pm$ 0.012 χ^2 /NDF: 175124.5/14

Left: 102.341 $\pm$ 0.009 χ^2 /NDF: 651702.5/31
 Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32
 In: 95.031 $\pm$ 0.011 χ^2 /NDF: 2982661.6/29
 Out: 98.268 $\pm$ 0.011 χ^2 /NDF: 3245961.1/34
 All: 96.699 $\pm$ 0.008 χ^2 /NDF: 6270717.8/64

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.556 ± 0.033 $\chi^2/\text{NDF}: 3902.3/16$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.915 ± 0.027 $\chi^2/\text{NDF}: 5592.0/14$

Left: 39.175 ± 0.021 $\chi^2/\text{NDF}: 9717.3/31$

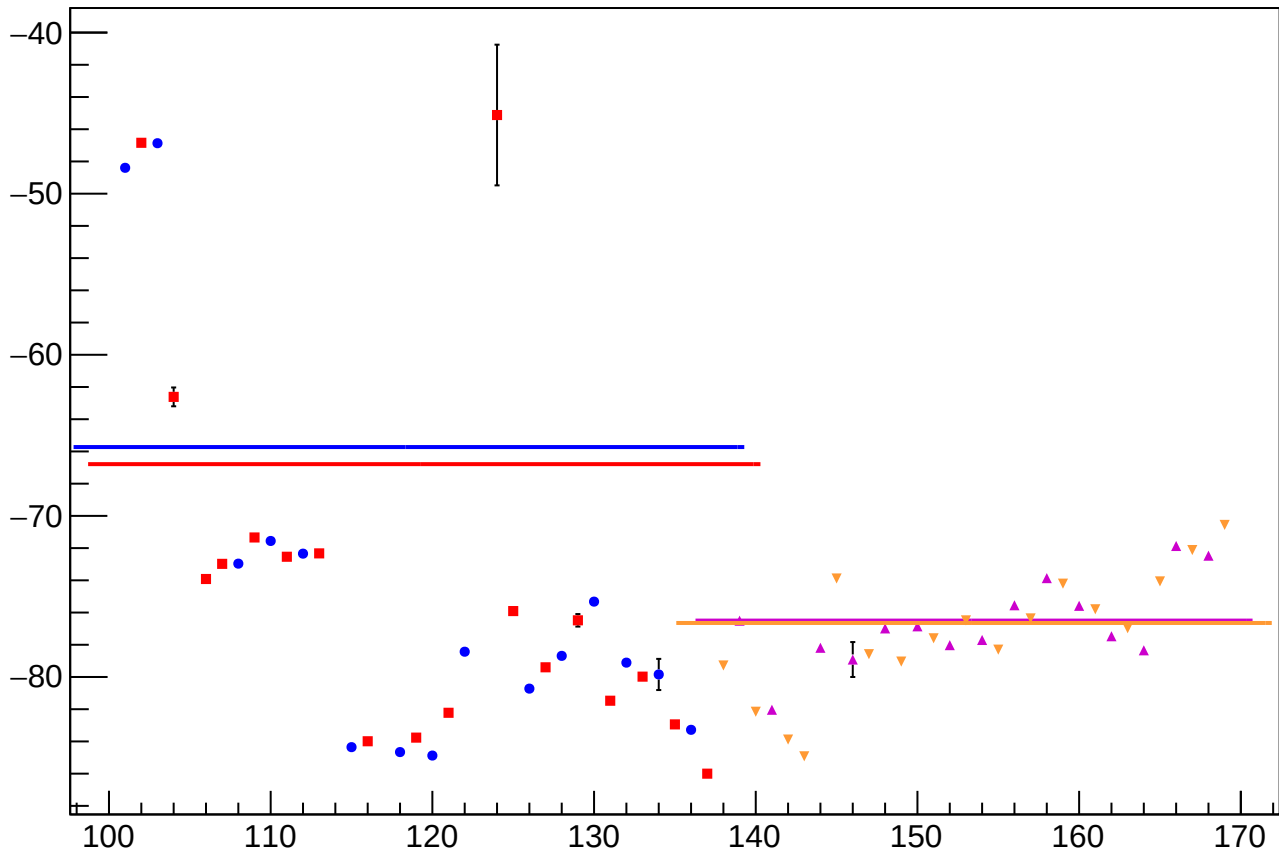
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.978 ± 0.018 $\chi^2/\text{NDF}: 67193.7/29$

Out: 38.648 ± 0.017 $\chi^2/\text{NDF}: 23782.7/34$

All: 38.317 ± 0.012 $\chi^2/\text{NDF}: 91707.9/64$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -76.647 ± 0.027 $\chi^2/\text{NDF}: 19441.2/16$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.499 ± 0.022 $\chi^2/\text{NDF}: 7648.1/14$

Left: -76.557 ± 0.017 $\chi^2/\text{NDF}: 27107.2/31$

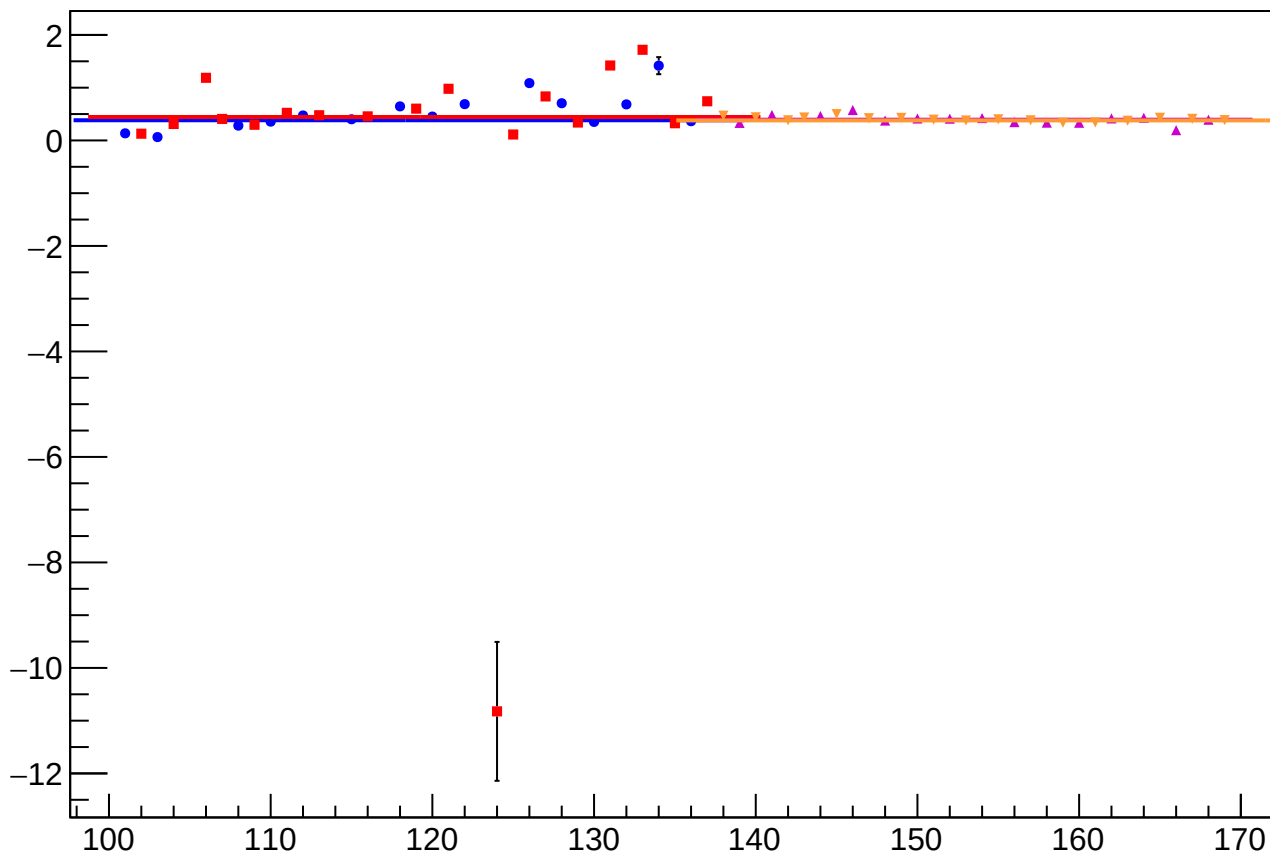
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.749 ± 0.013 $\chi^2/\text{NDF}: 1063273.4/29$

Out: -69.270 ± 0.014 $\chi^2/\text{NDF}: 926731.5/34$

All: -69.515 ± 0.010 $\chi^2/\text{NDF}: 1990633.2/64$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 χ^2/NDF : 8173.1/14

Left Out: 0.379 ± 0.001 χ^2/NDF : 5836.2/16

Right Out: 0.444 ± 0.004 χ^2/NDF : 2786.2/17

Left In: 0.393 ± 0.001 χ^2/NDF : 6473.8/14

Left: 0.386 ± 0.000 χ^2/NDF : 12649.2/31

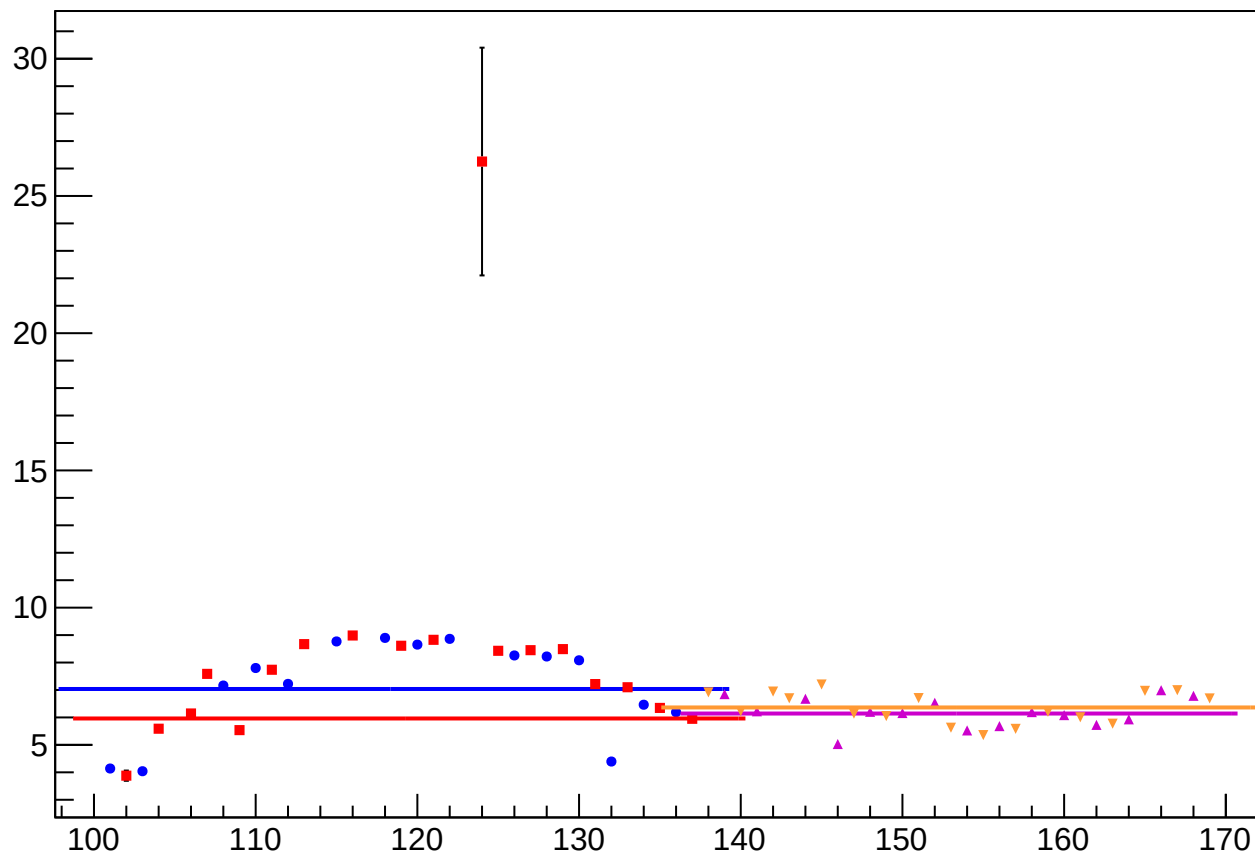
Right: 0.395 ± 0.002 χ^2/NDF : 11182.8/32

In: 0.392 ± 0.001 χ^2/NDF : 14675.2/29

Out: 0.381 ± 0.001 χ^2/NDF : 8929.4/34

All: 0.387 ± 0.000 χ^2/NDF : 23861.1/64

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$

Left Out: 6.363 ± 0.002 $\chi^2/\text{NDF}: 59046.7/16$

Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$

Left In: 6.142 ± 0.002 $\chi^2/\text{NDF}: 40980.7/14$

Left: 6.249 ± 0.001 $\chi^2/\text{NDF}: 108749.5/31$

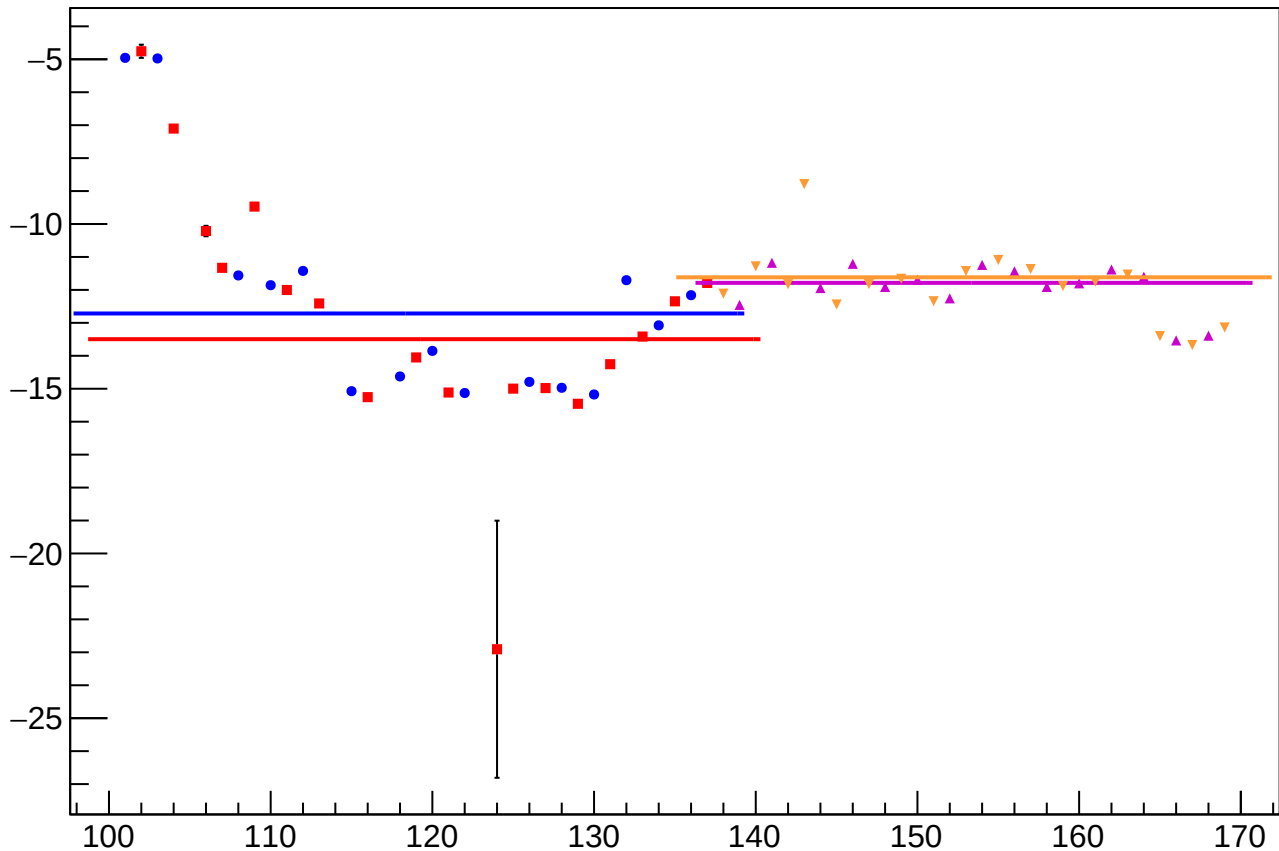
Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$

In: 6.247 ± 0.002 $\chi^2/\text{NDF}: 145401.9/29$

Out: 5.984 ± 0.000 $\chi^2/\text{NDF}: 280050.2/34$

All: 6.000 ± 0.000 $\chi^2/\text{NDF}: 452587.1/64$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.617 $\pm$ 0.002 χ^2 /NDF: 316568.7/16

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.786 $\pm$ 0.002 χ^2 /NDF: 37683.5/14

Left: -11.702 $\pm$ 0.002 χ^2 /NDF: 356936.5/31

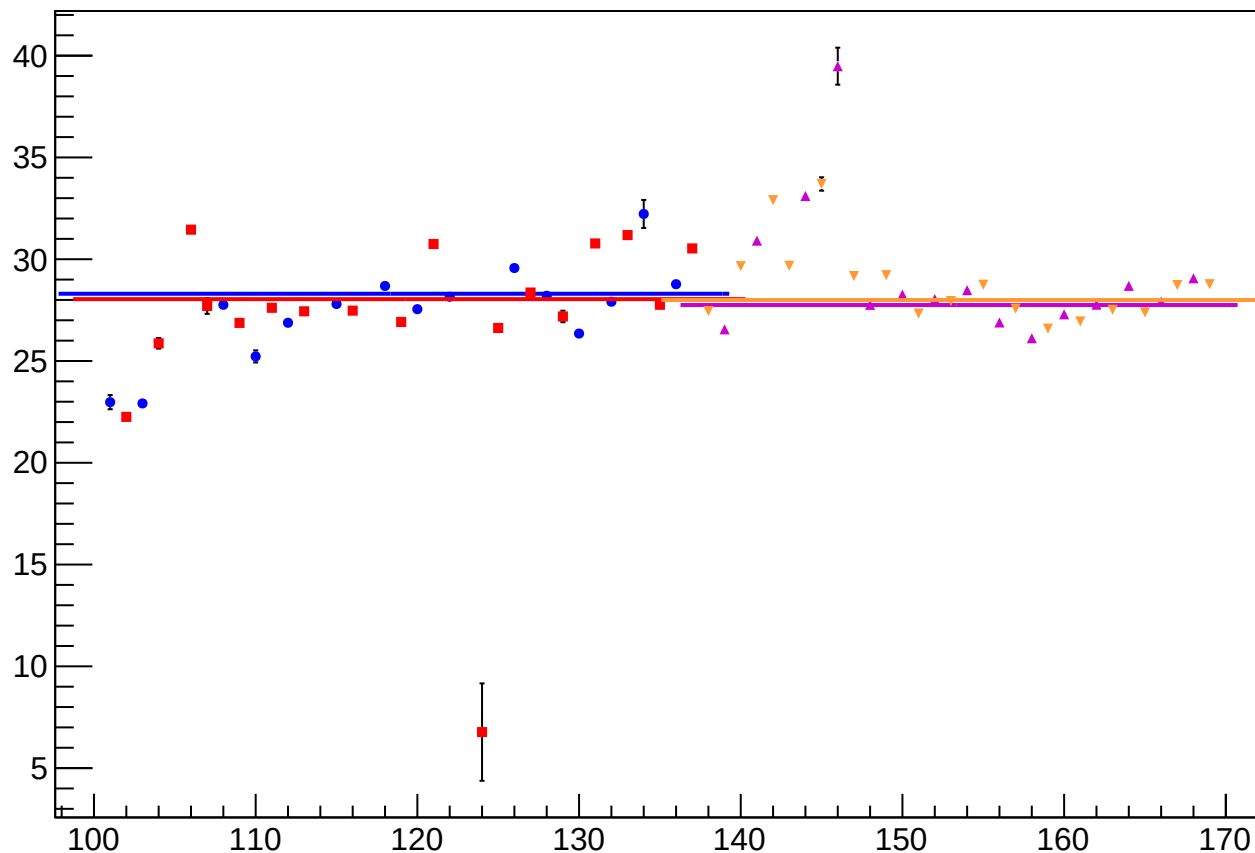
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.893 $\pm$ 0.002 χ^2 /NDF: 141681.0/29

Out: -11.872 $\pm$ 0.002 χ^2 /NDF: 462665.7/34

All: -11.882 $\pm$ 0.002 χ^2 /NDF: 604397.1/64

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304+/-0.023 χ^2/NDF : 3400.0/14

Left Out: 27.996+/-0.020 χ^2/NDF : 3745.7/16

Right Out: 28.040+/-0.030 χ^2/NDF : 2561.5/17

Left In: 27.751+/-0.017 χ^2/NDF : 4840.0/14

Left: 27.852+/-0.013 χ^2/NDF : 8675.3/31

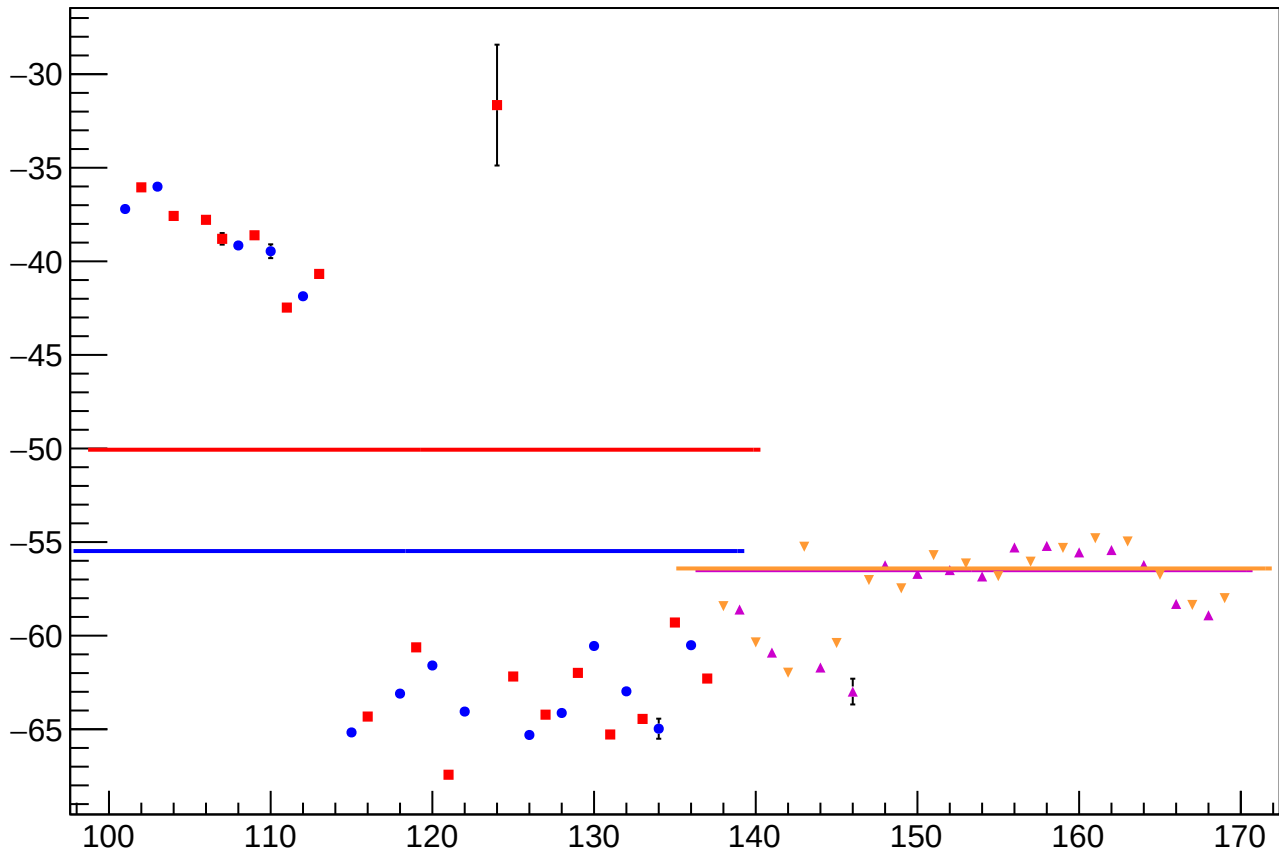
Right: 28.207+/-0.018 χ^2/NDF : 6009.6/32

In: 27.939+/-0.013 χ^2/NDF : 8618.3/29

Out: 28.009+/-0.017 χ^2/NDF : 6308.6/34

All: 27.967+/-0.010 χ^2/NDF : 14937.7/64

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -56.410 ± 0.017 χ^2/NDF : 8413.0/16

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

Left In: -56.502 ± 0.014 χ^2/NDF : 9290.8/14

Left: -56.464 ± 0.011 χ^2/NDF : 17721.8/31

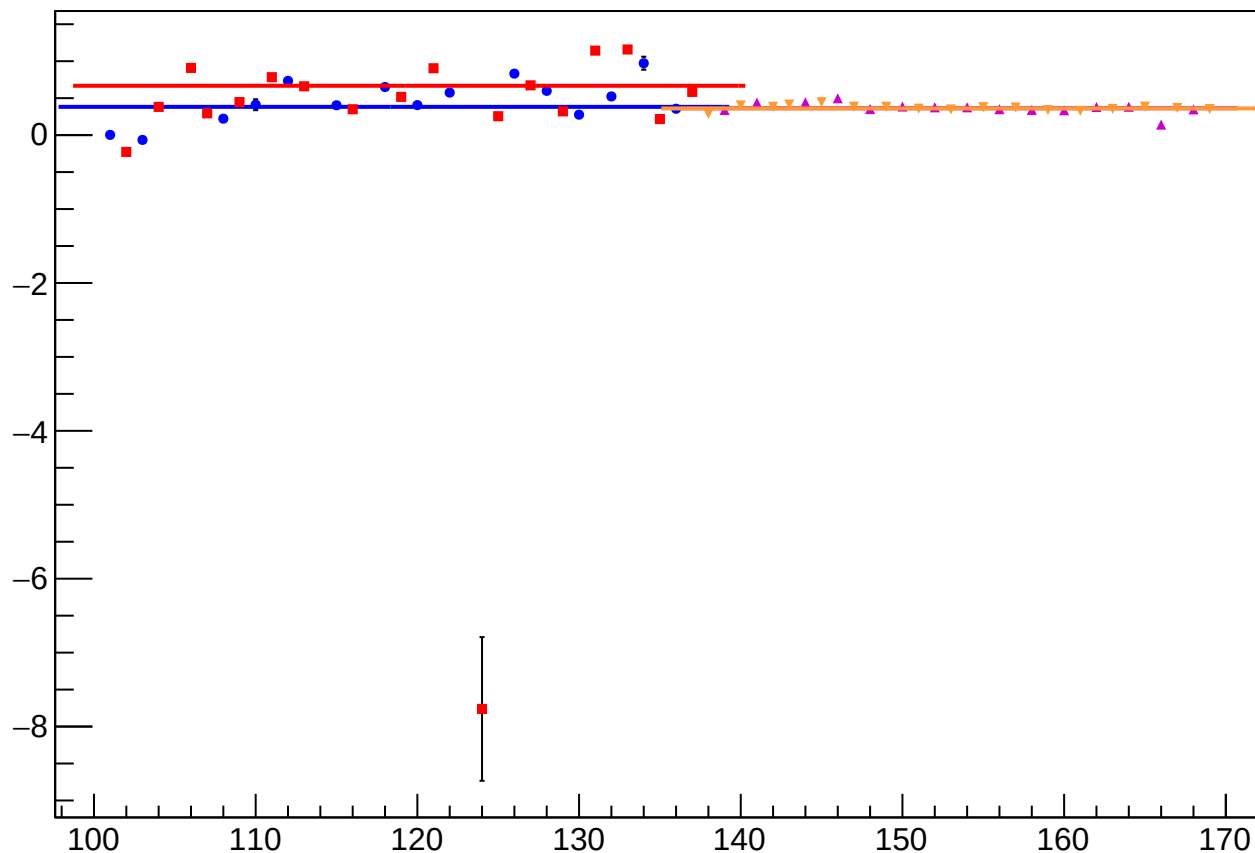
Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32

In: -56.078 ± 0.011 χ^2/NDF : 606661.5/29

Out: -54.243 ± 0.014 χ^2/NDF : 398075.4/34

All: -55.374 ± 0.008 χ^2/NDF : 1016099.6/64

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.361 ± 0.000 χ^2/NDF : 3931.7/16

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.364 ± 0.000 χ^2/NDF : 5135.1/14

Left: 0.362 ± 0.000 χ^2/NDF : 9097.7/31

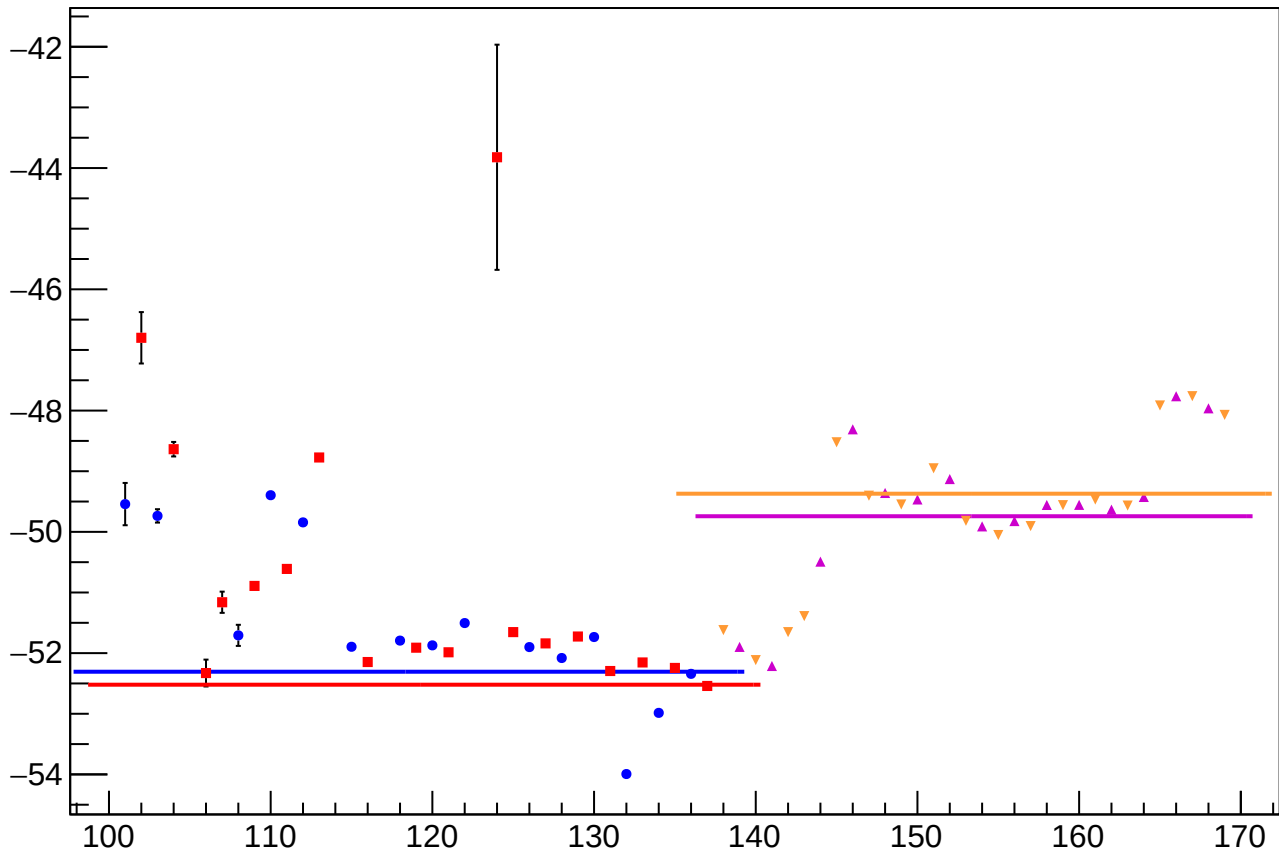
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.365 ± 0.000 χ^2/NDF : 9857.8/29

Out: 0.363 ± 0.000 χ^2/NDF : 12041.3/34

All: 0.364 ± 0.000 χ^2/NDF : 21909.8/64

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.371 ± 0.001 χ^2/NDF : 465710.8/16

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.742 ± 0.002 χ^2/NDF : 295539.2/14

Left: -49.546 ± 0.001 χ^2/NDF : 790912.0/31

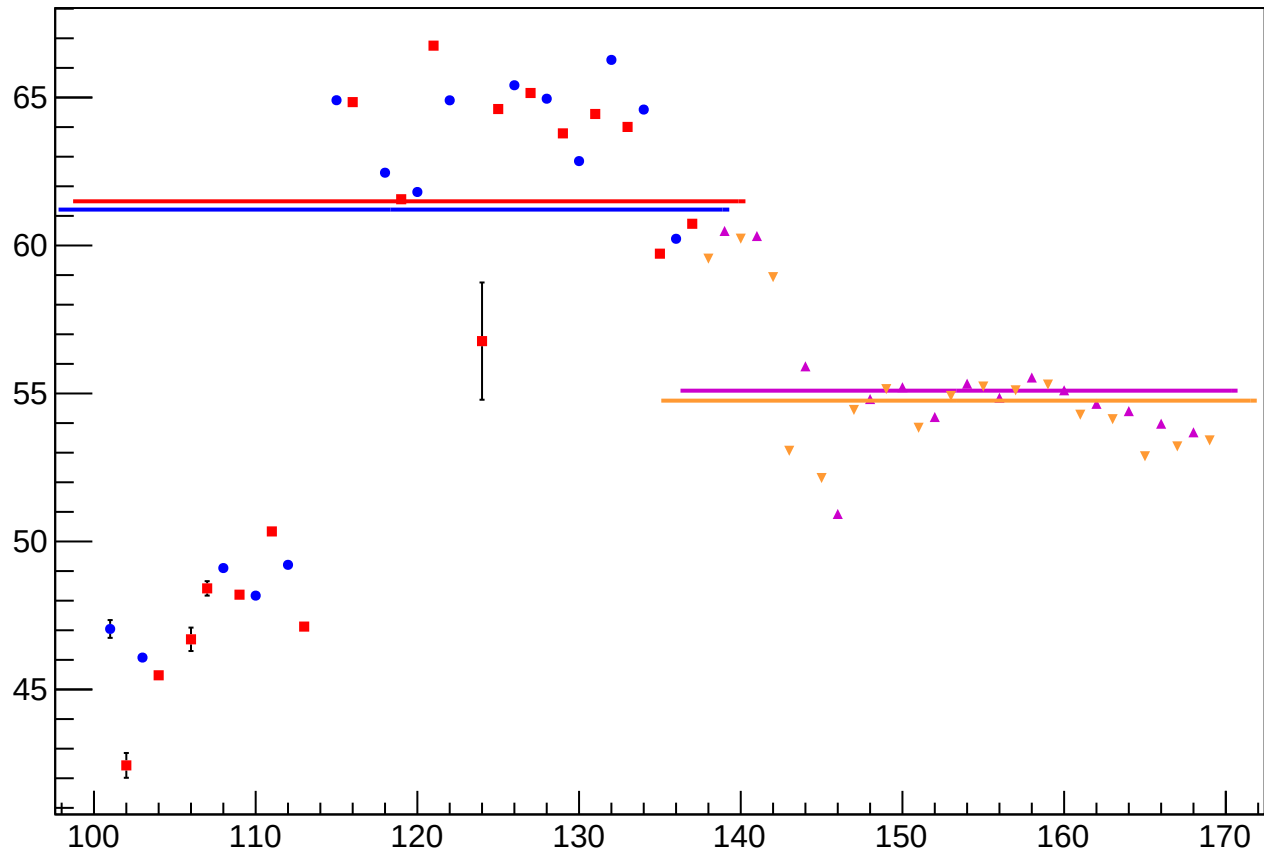
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -50.102 ± 0.001 χ^2/NDF : 696312.2/29

Out: -51.398 ± 0.001 χ^2/NDF : 3386450.4/34

All: -51.048 ± 0.001 χ^2/NDF : 4662213.9/64

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.758 ± 0.003 $\chi^2/\text{NDF}: 247088.3/16$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.095 ± 0.003 $\chi^2/\text{NDF}: 71382.4/14$

Left: 54.940 ± 0.002 $\chi^2/\text{NDF}: 324301.1/31$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.603 ± 0.003 $\chi^2/\text{NDF}: 576240.3/29$

Out: 56.031 ± 0.003 $\chi^2/\text{NDF}: 1305774.3/34$

All: 55.813 ± 0.002 $\chi^2/\text{NDF}: 1892989.5/64$

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

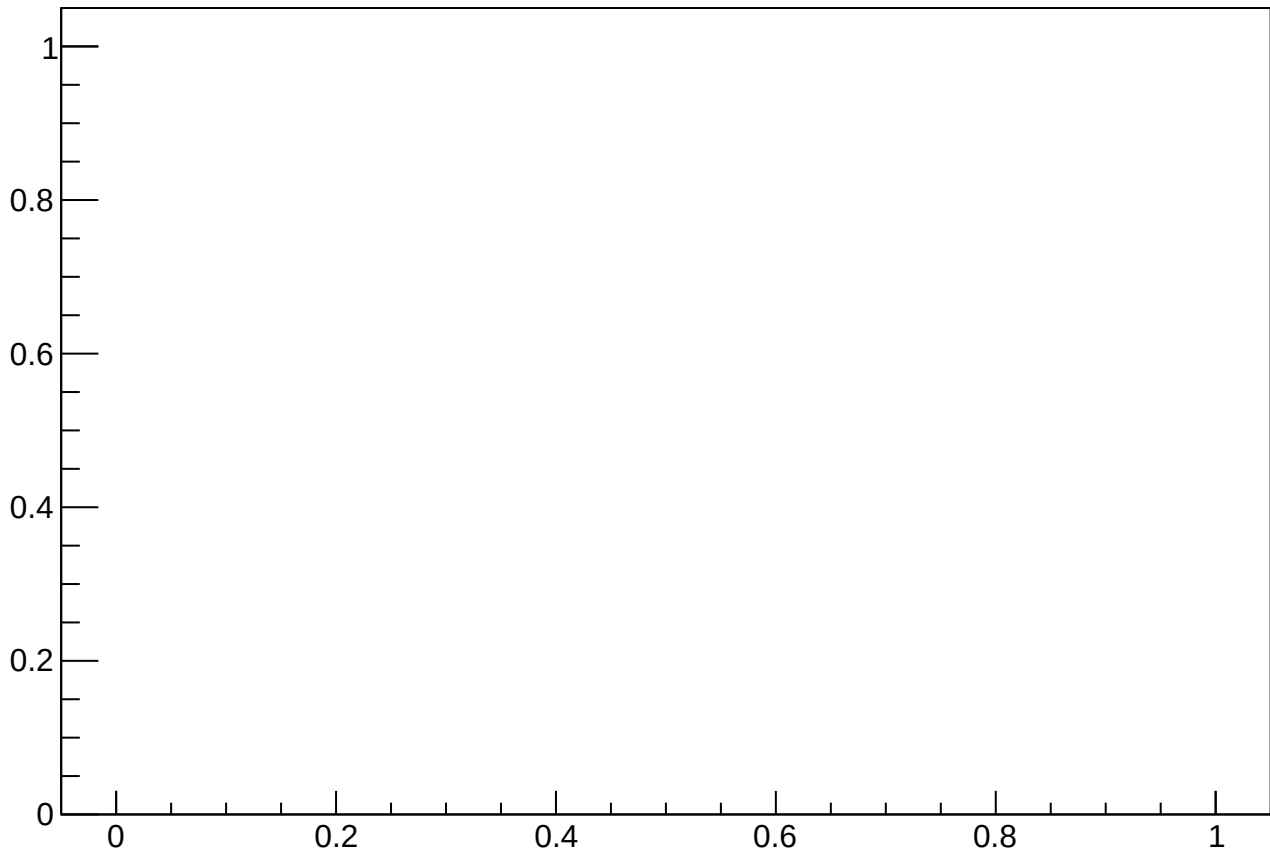
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

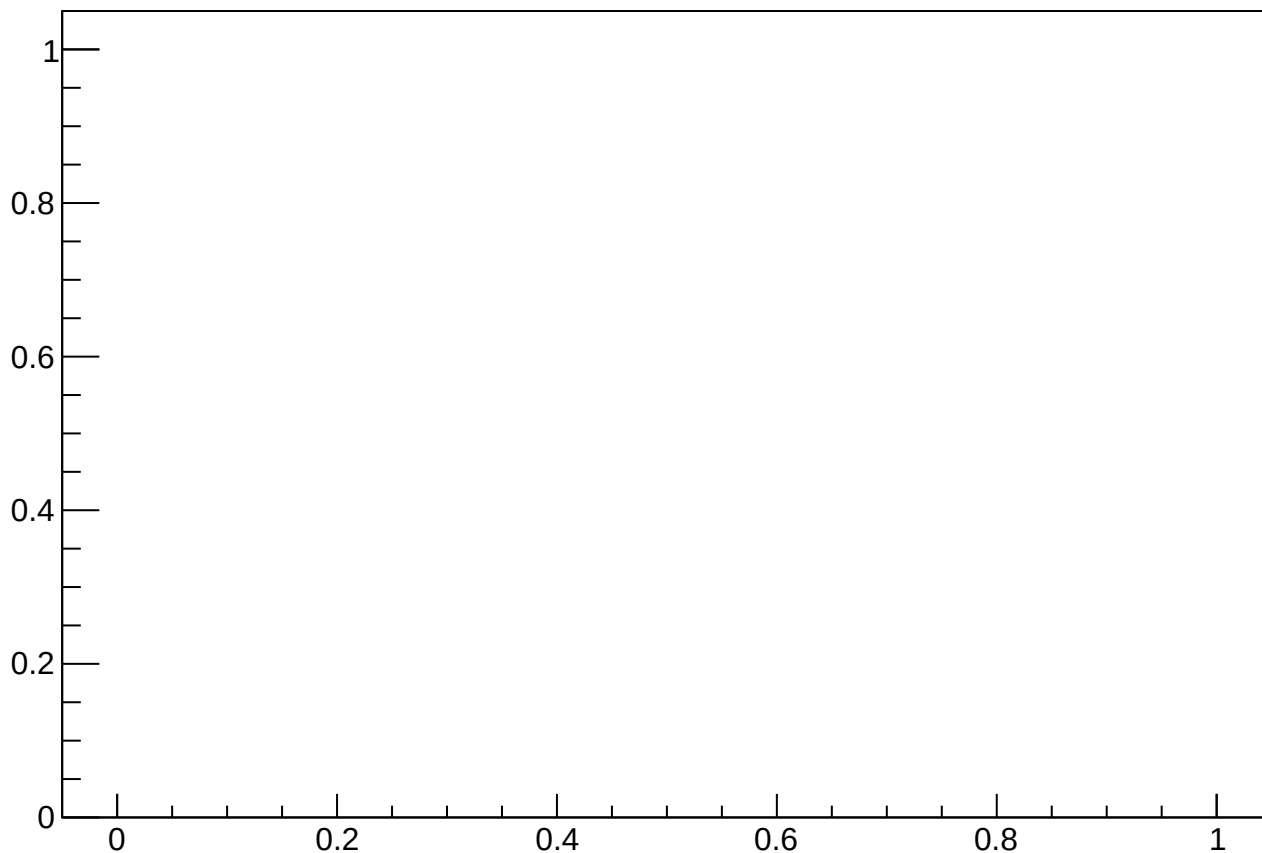
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

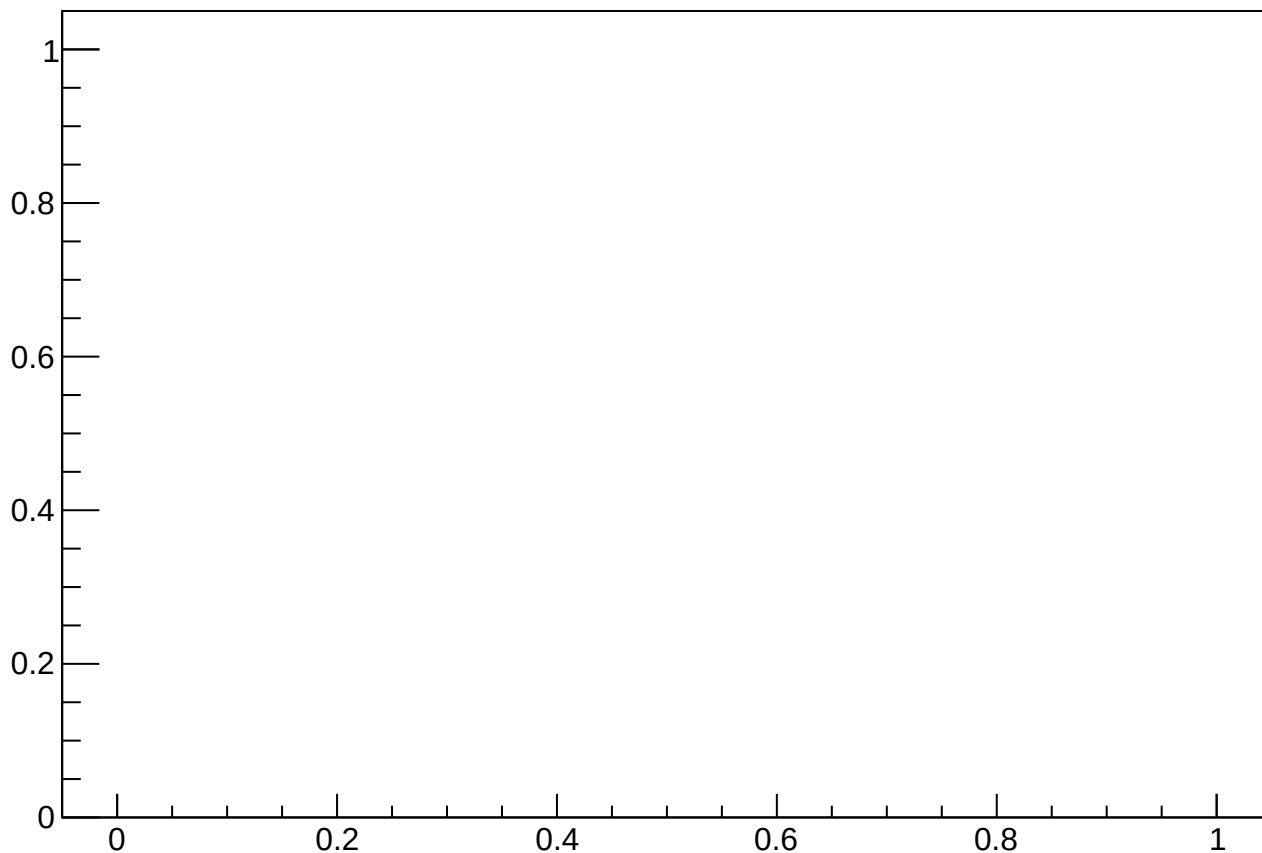
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

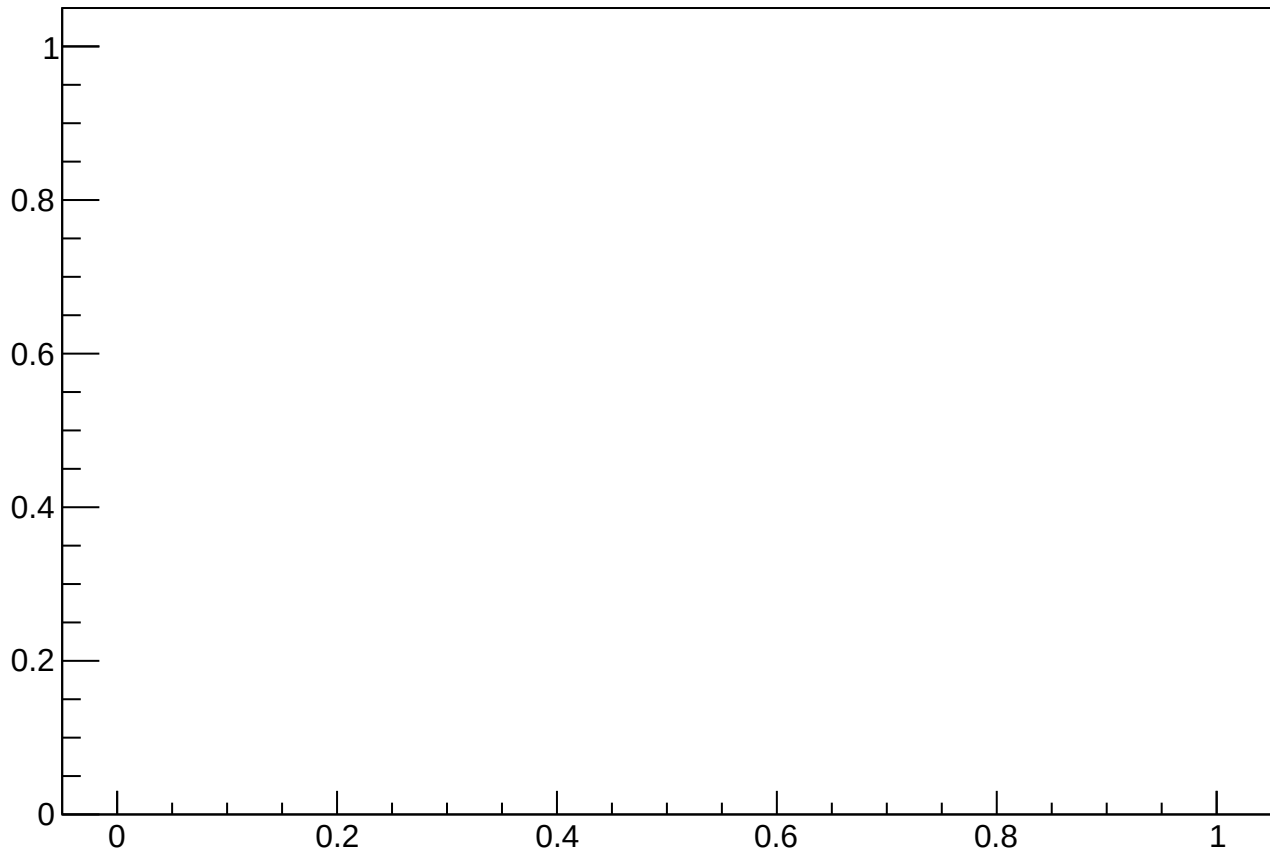
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

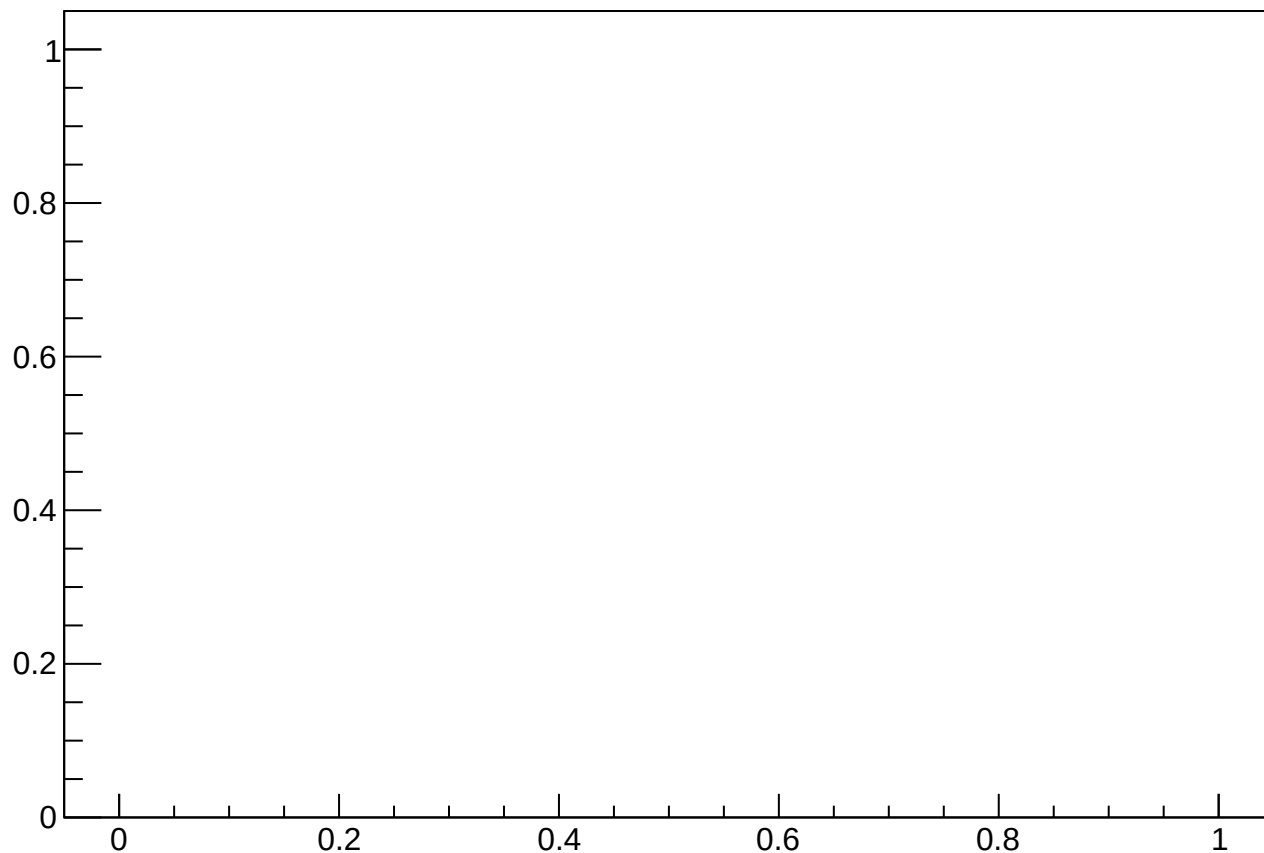
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

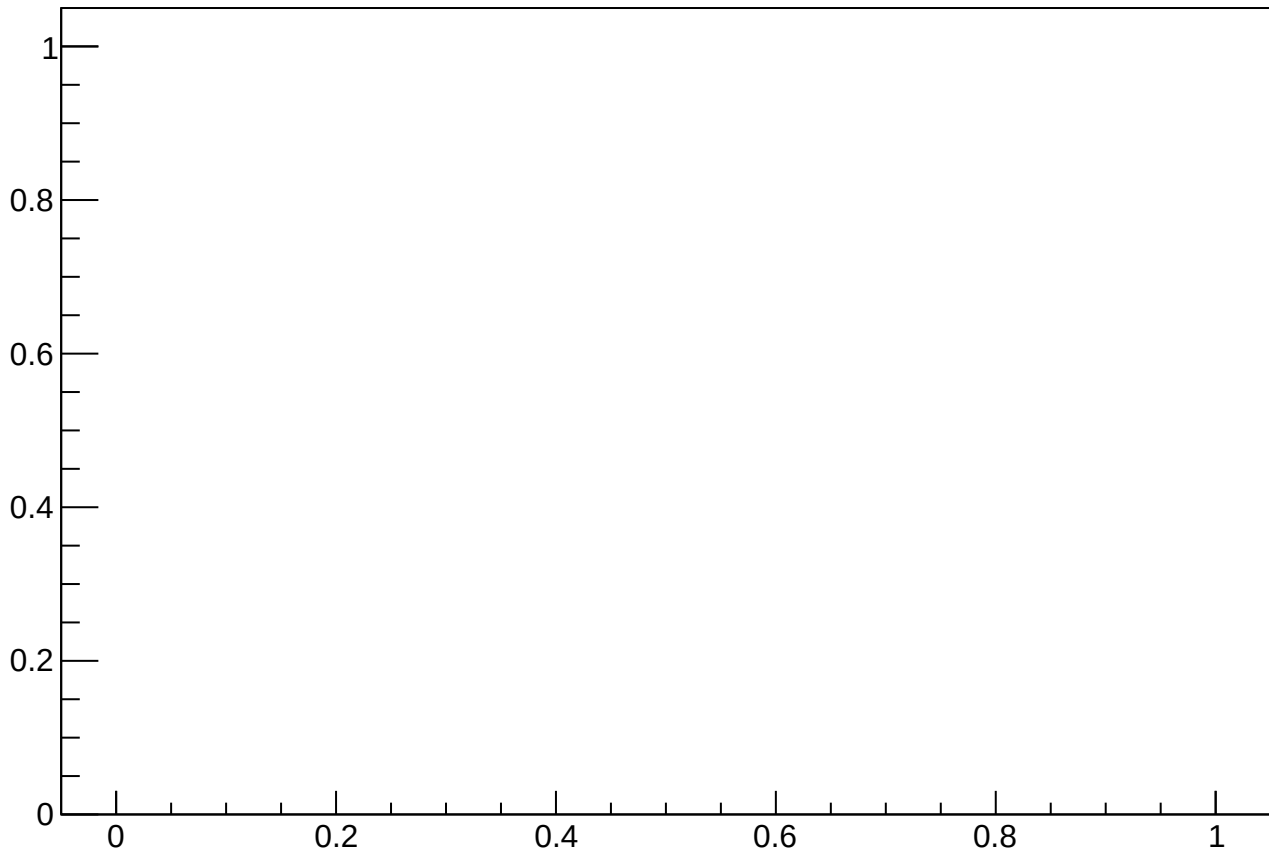
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

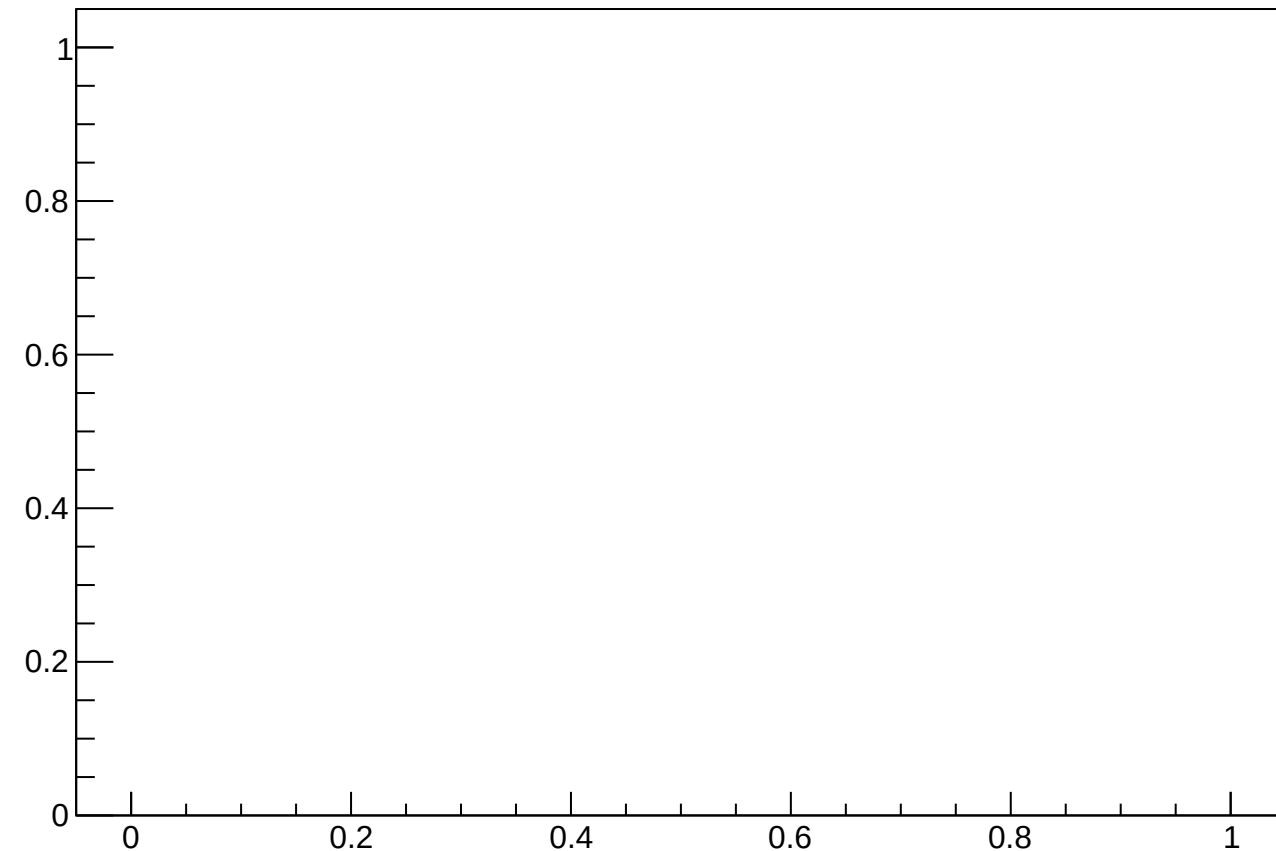
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

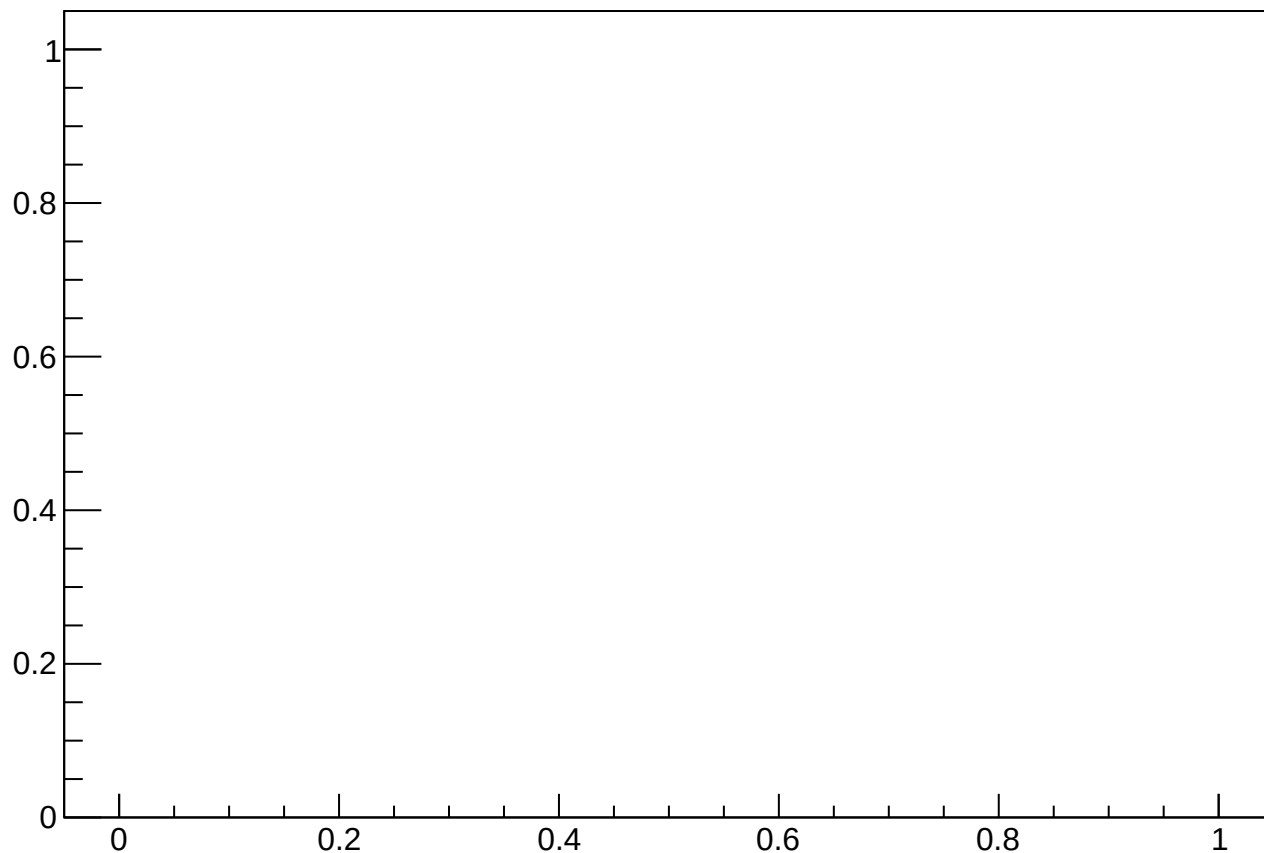
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

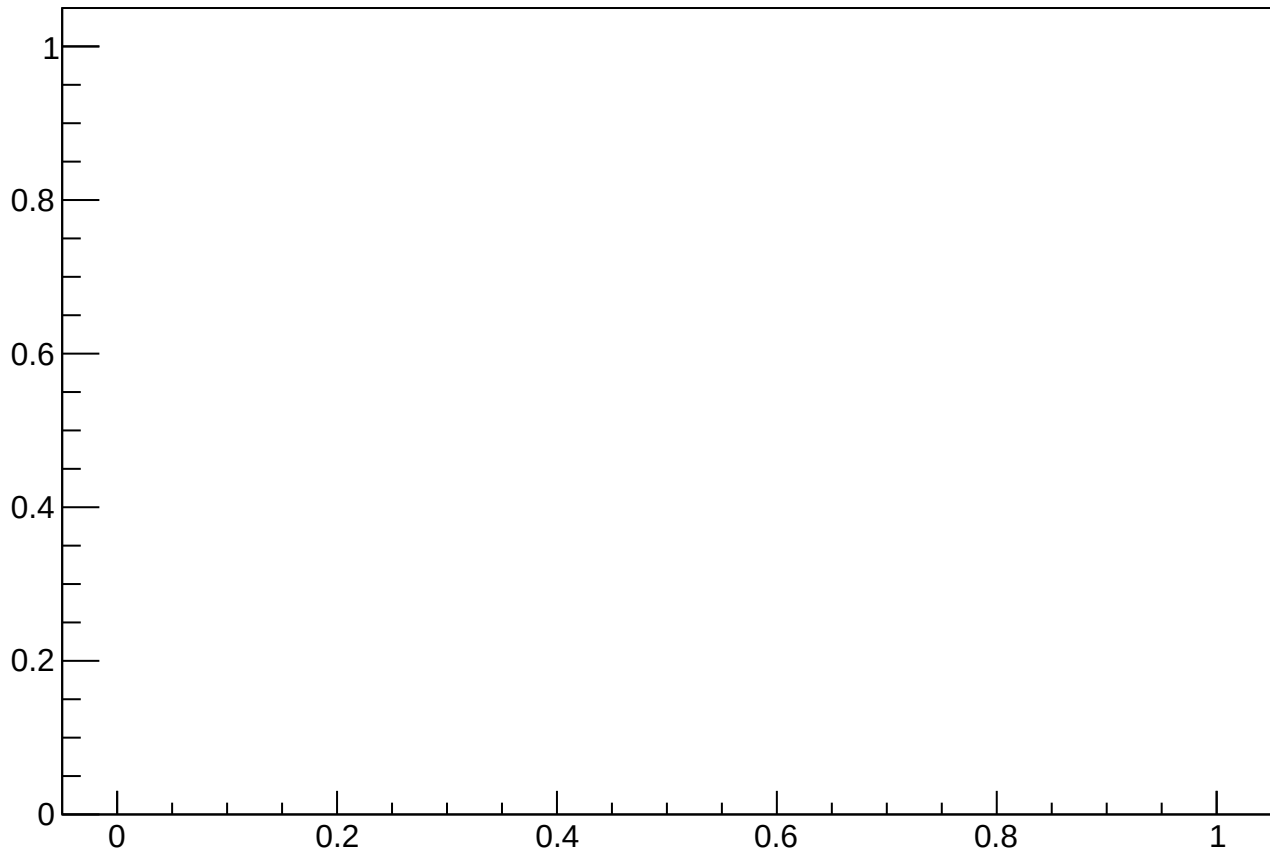
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

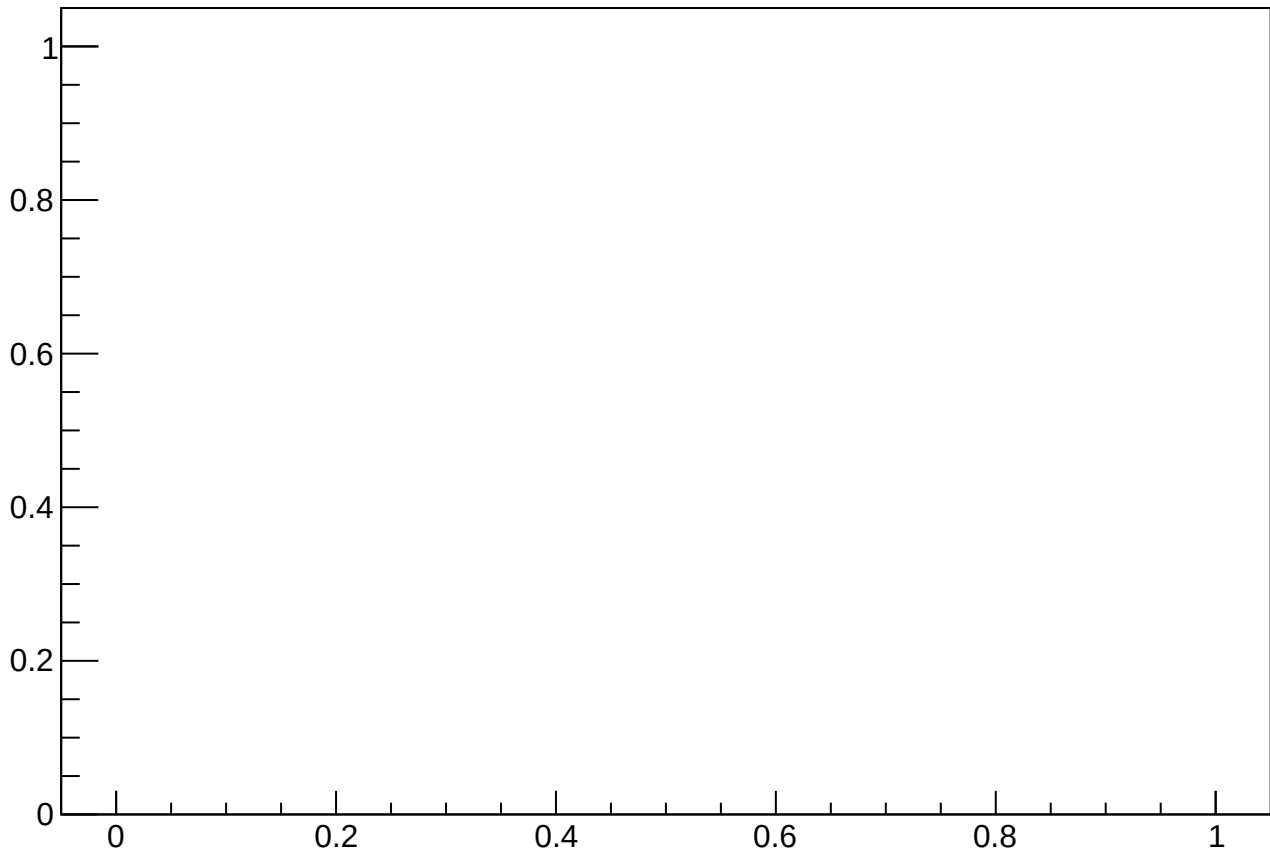
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

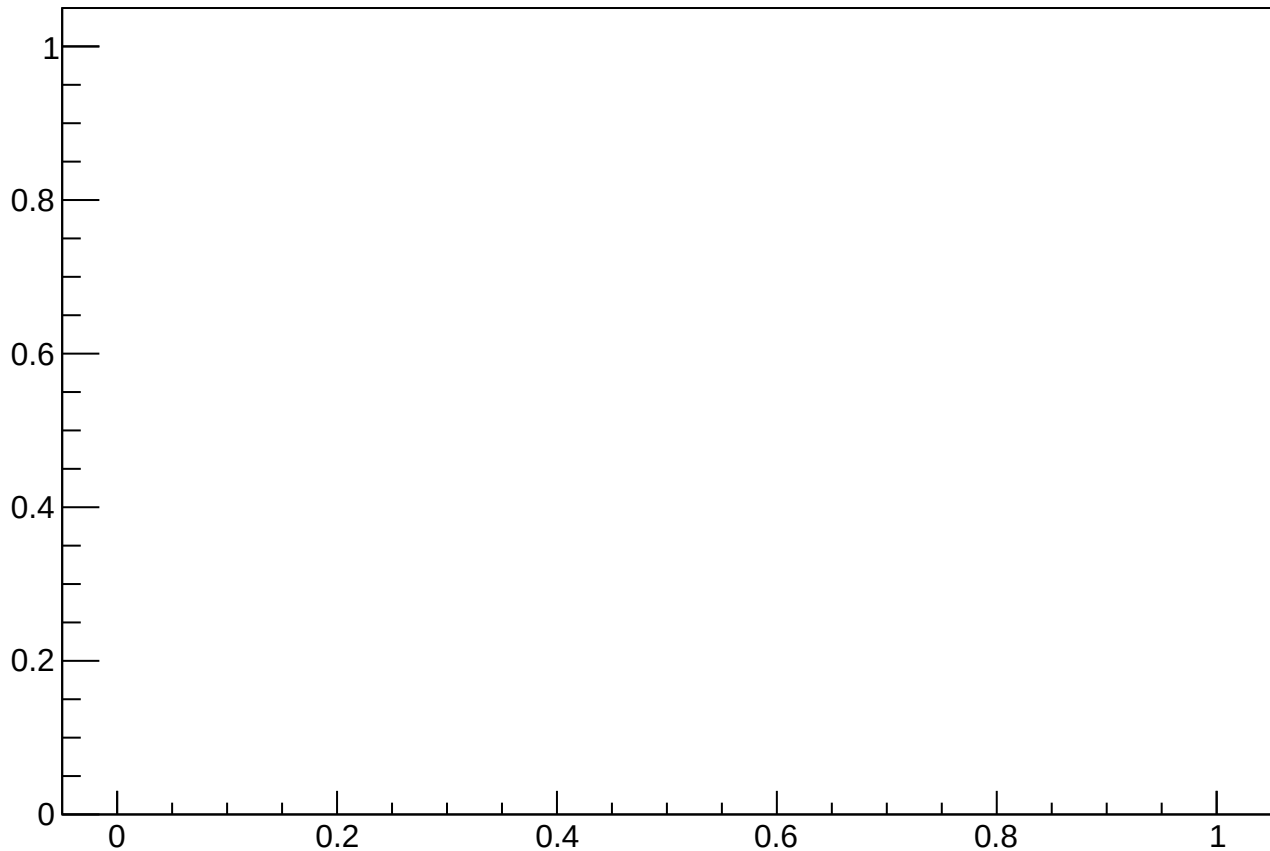
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

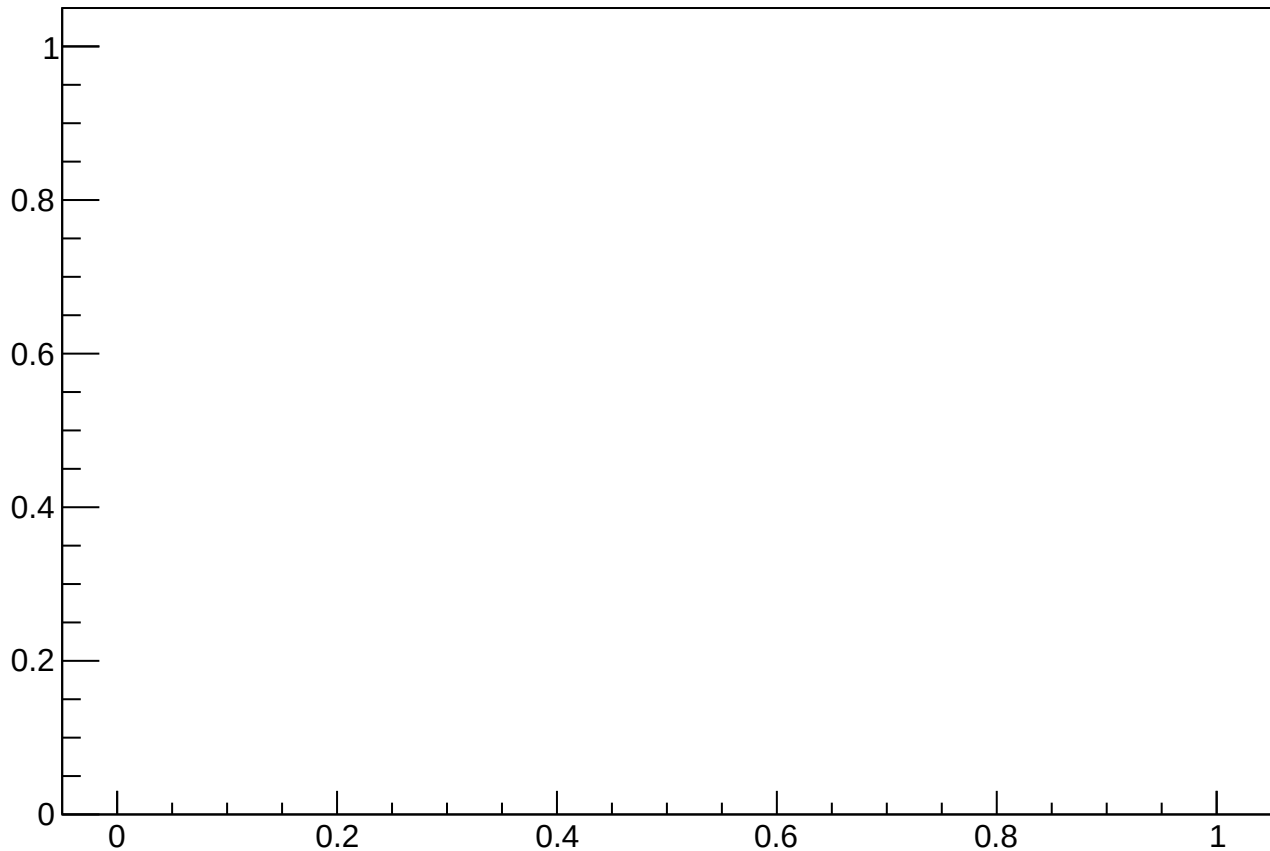
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

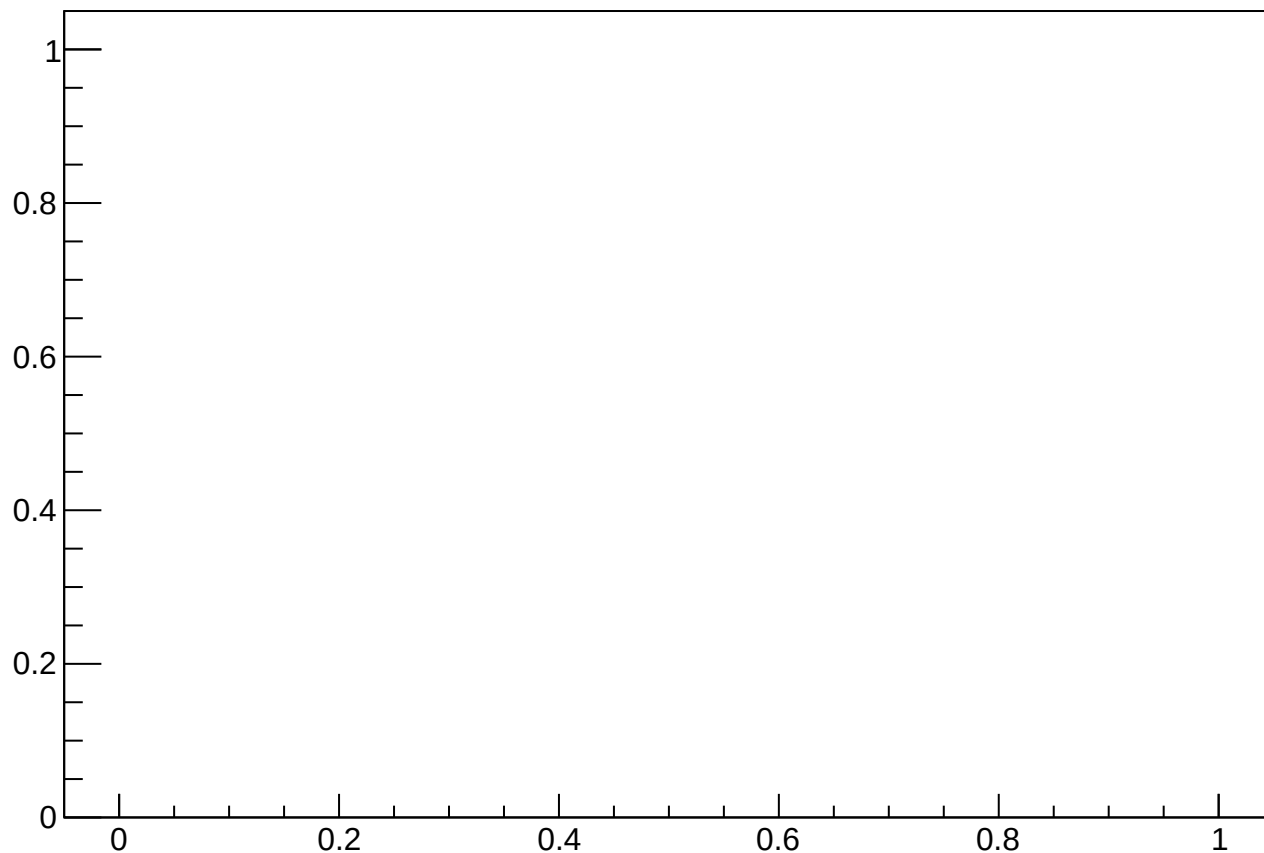
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

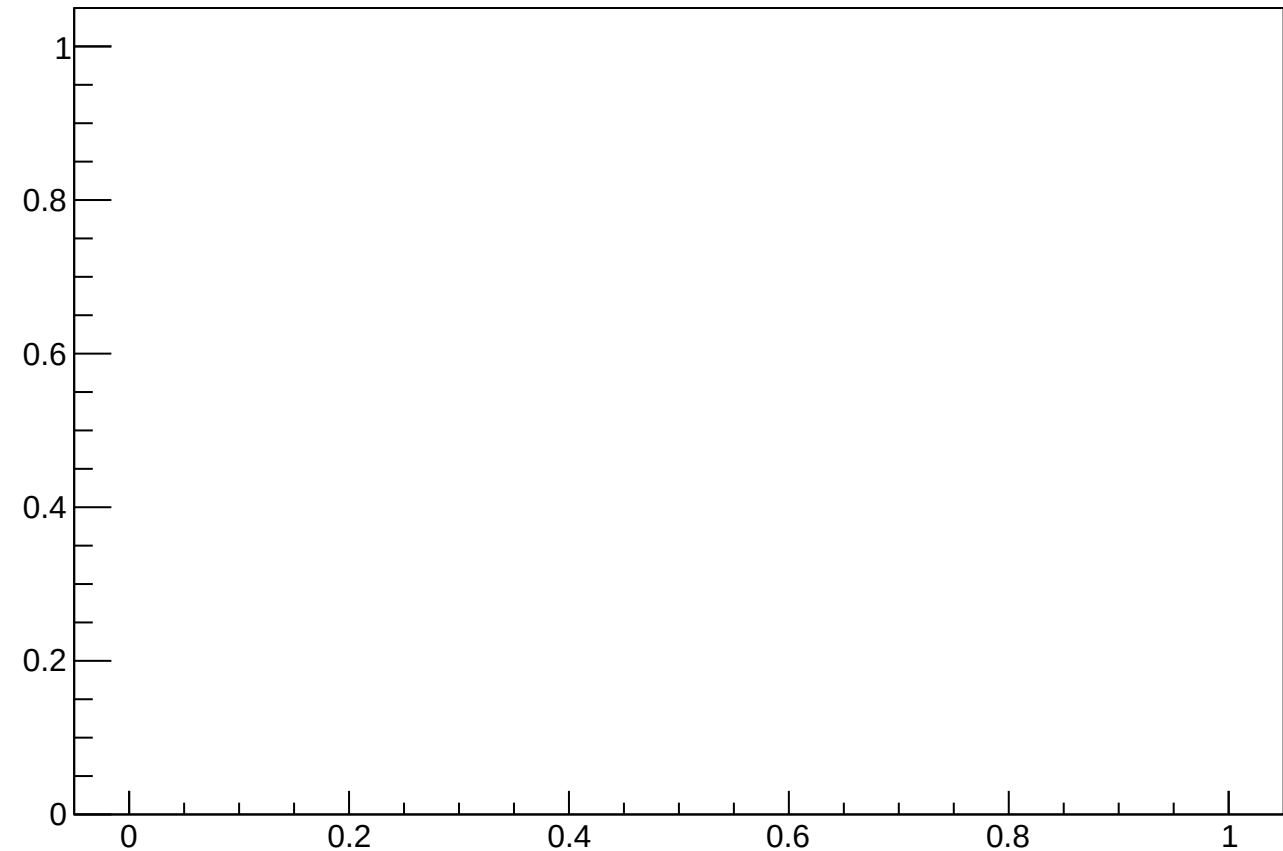
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

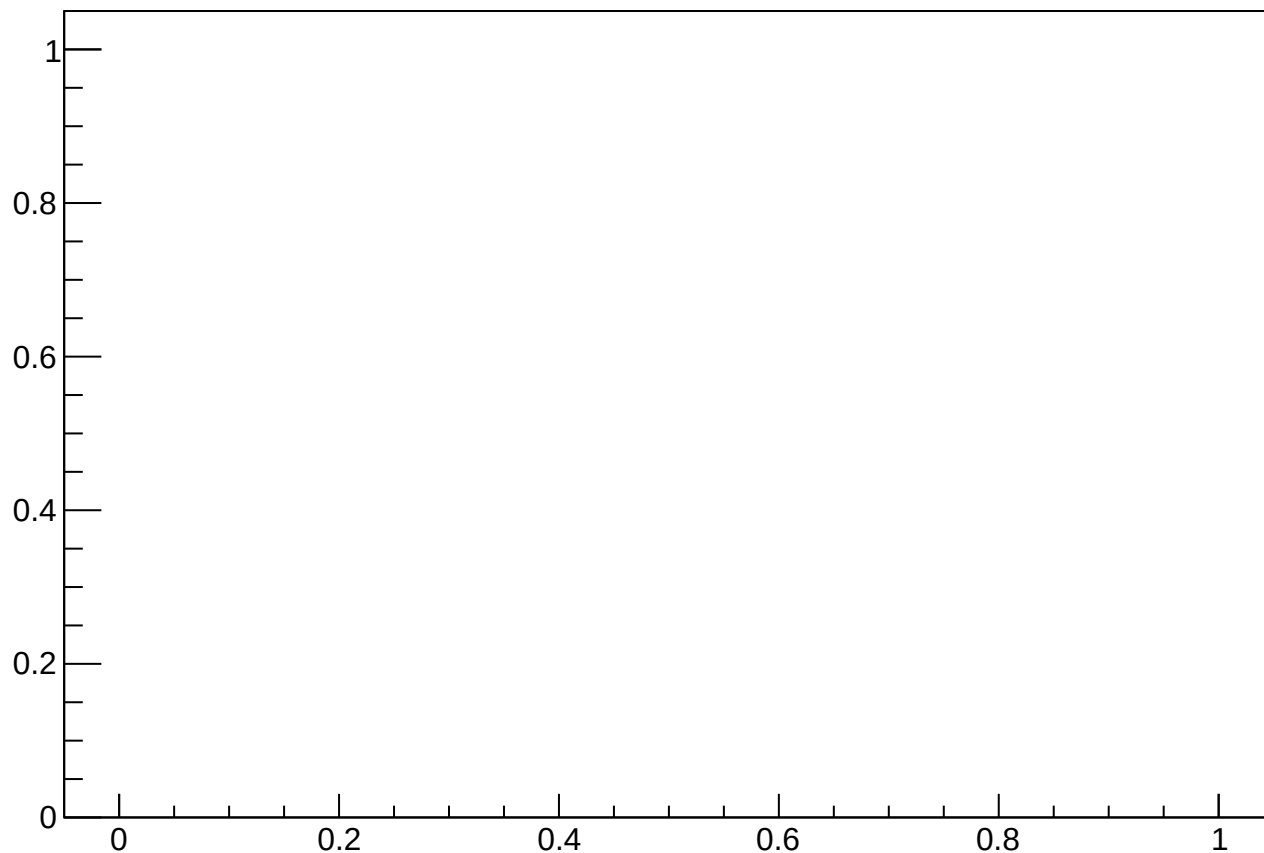
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

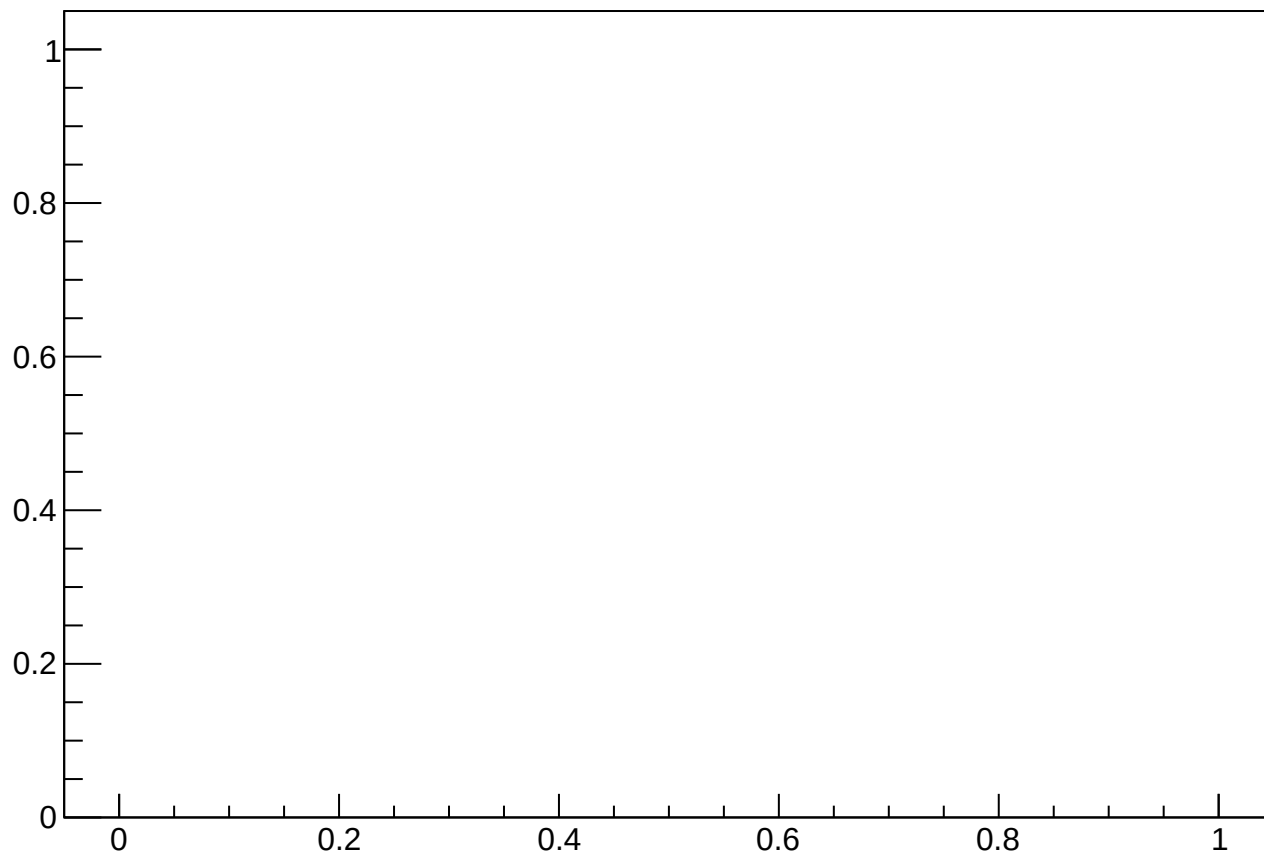
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

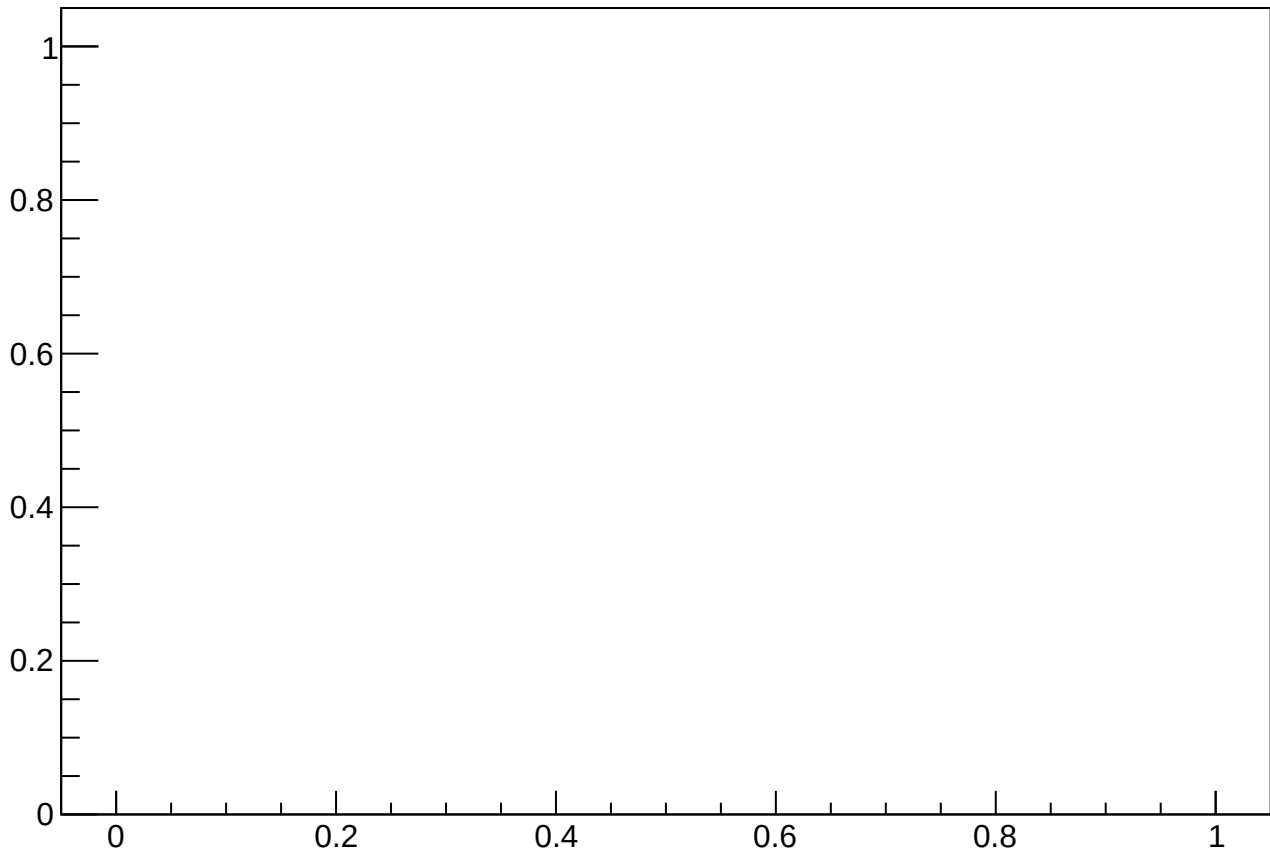
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

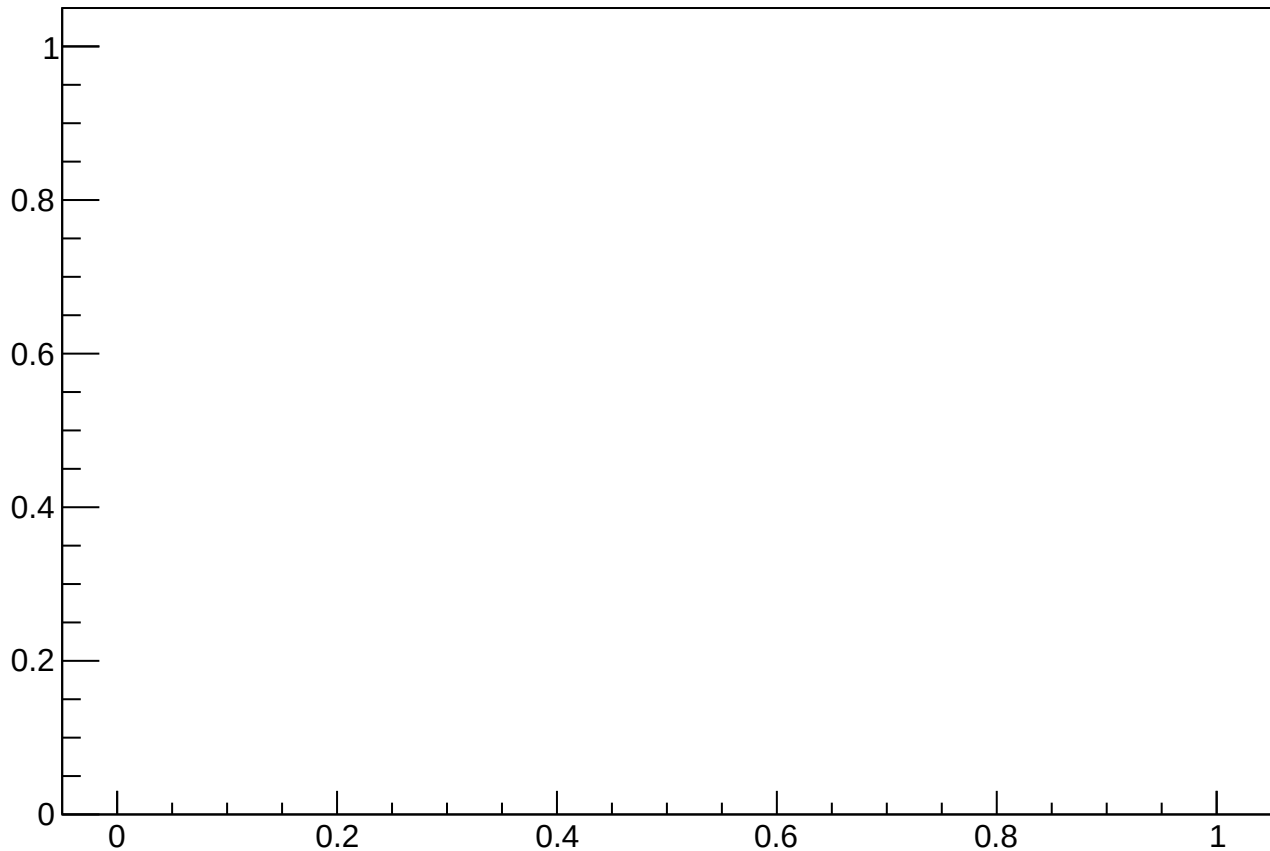
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

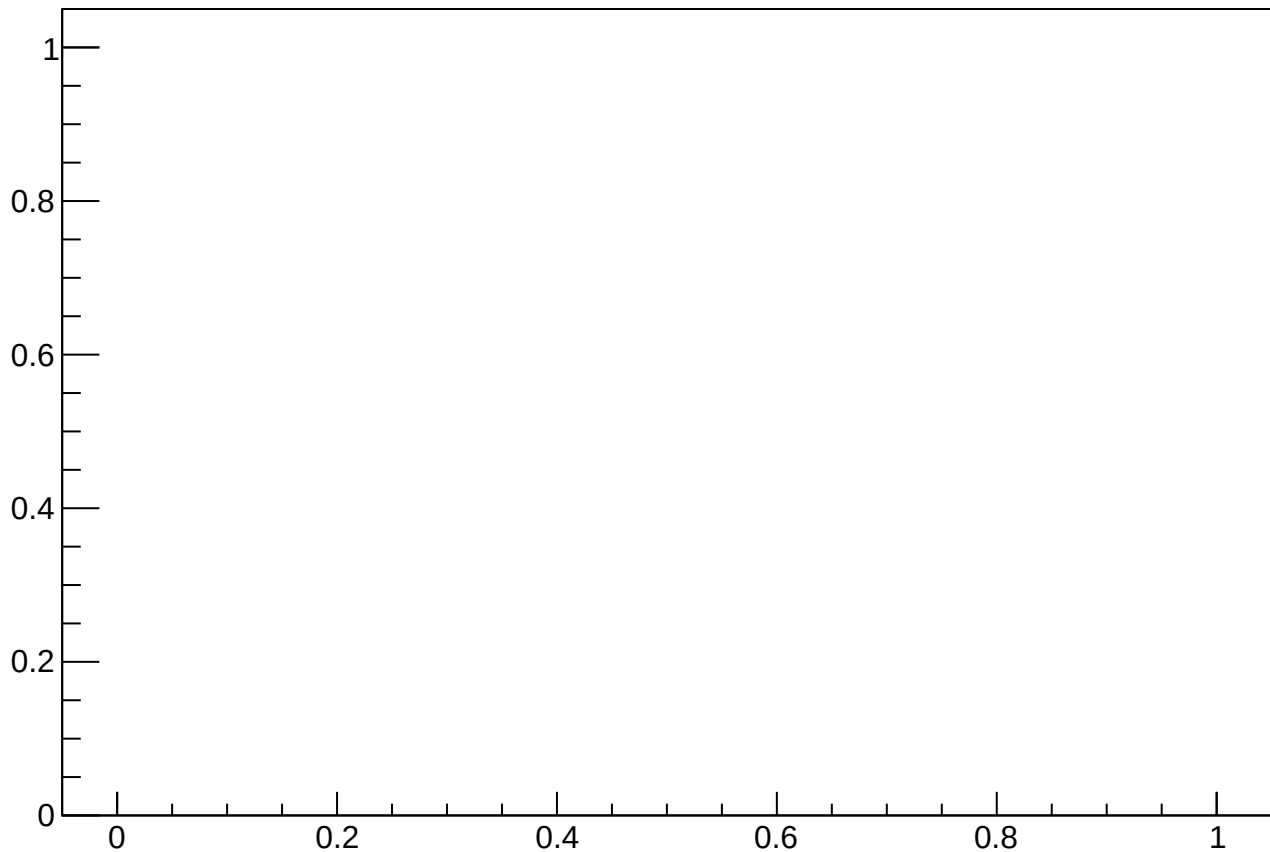
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

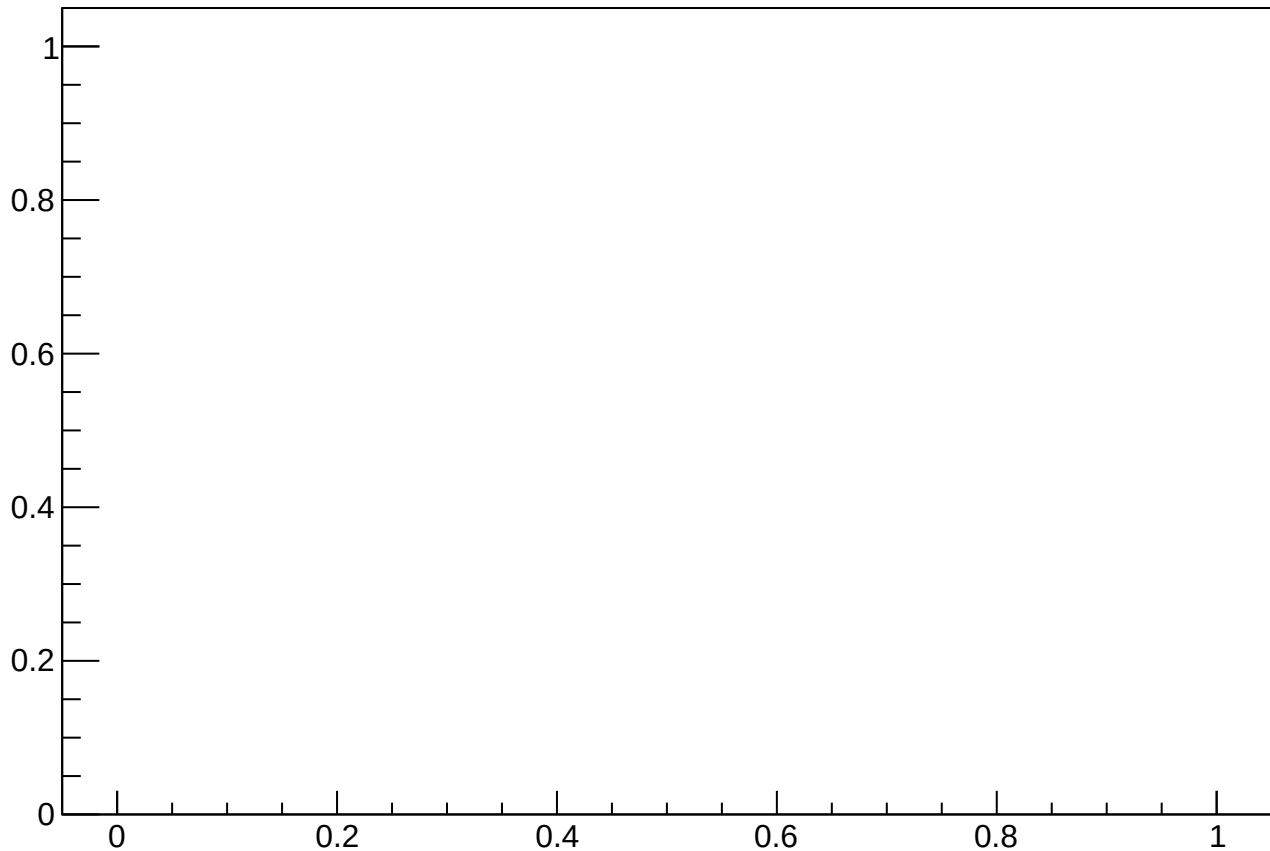
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

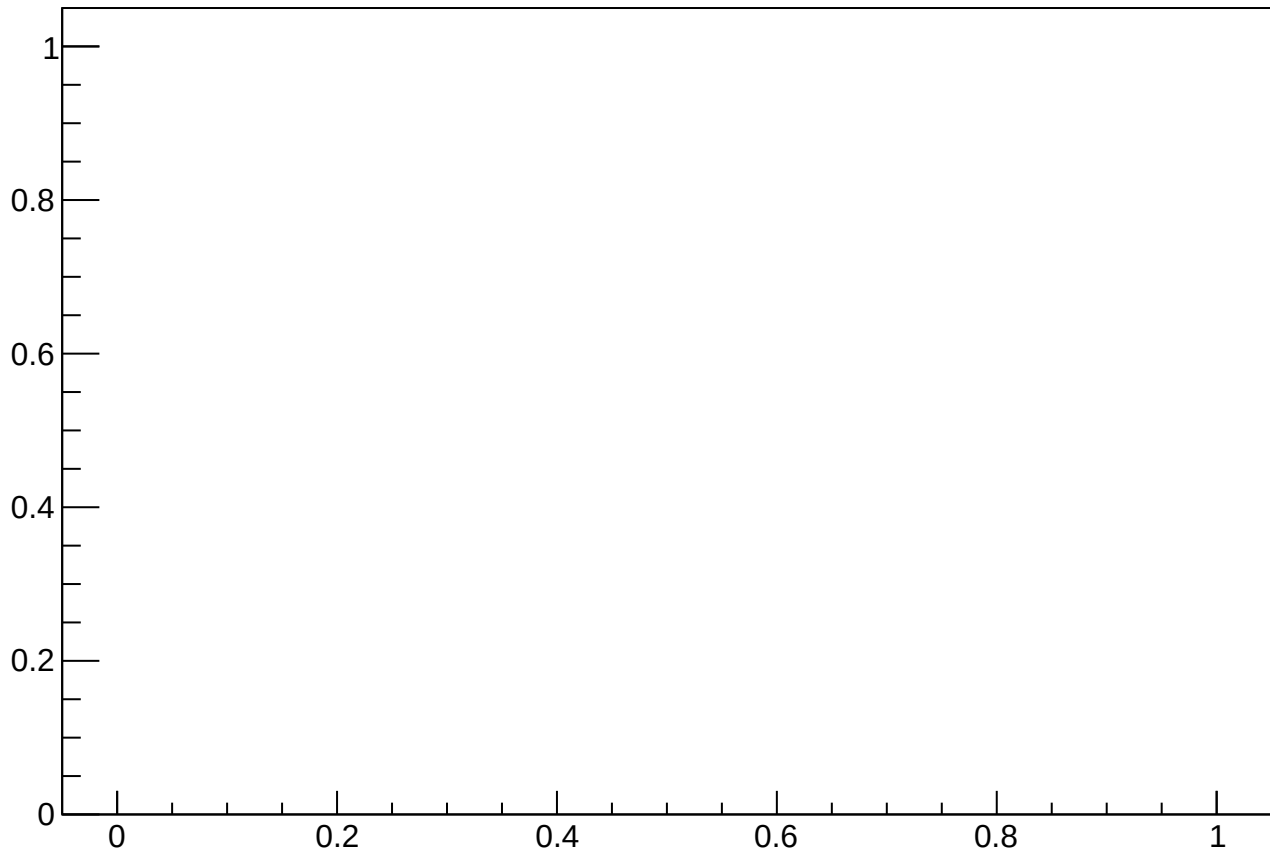
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

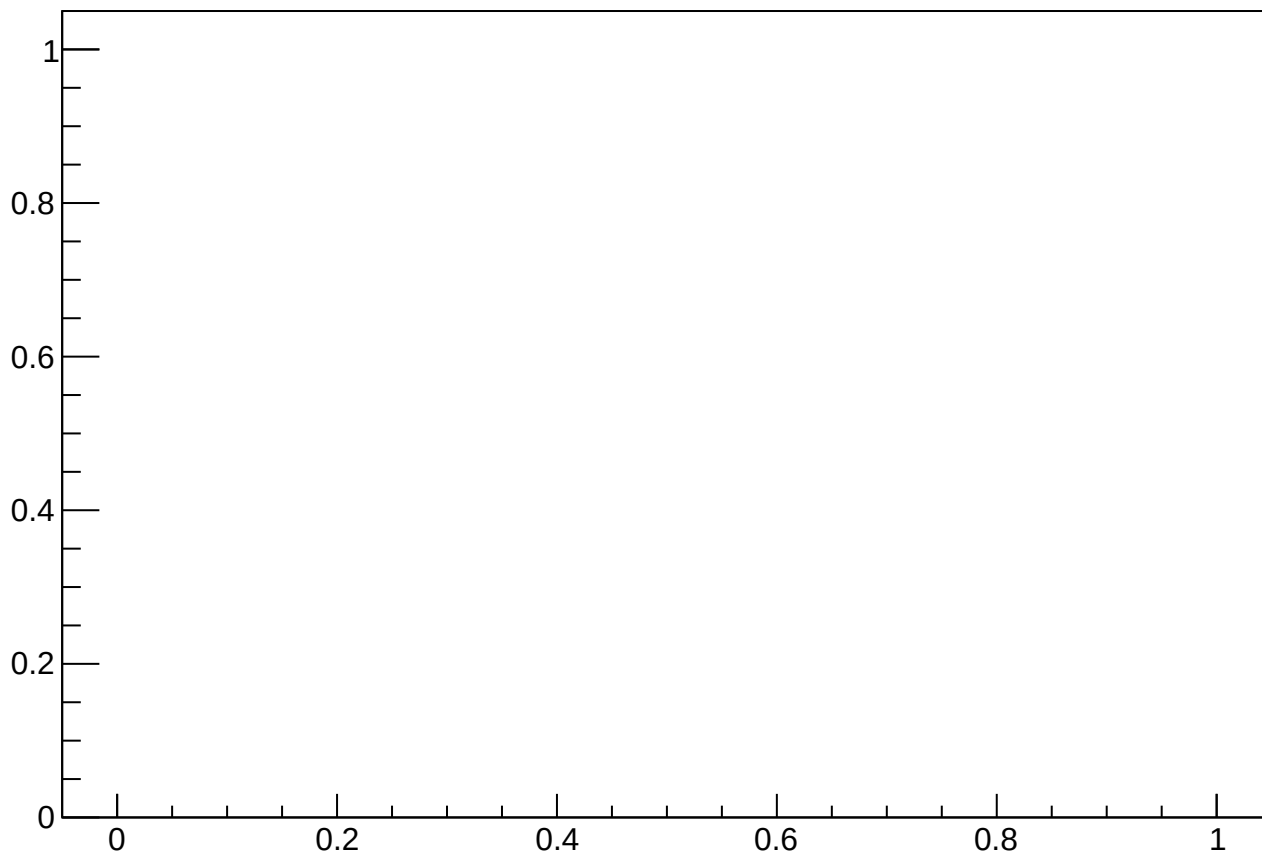
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

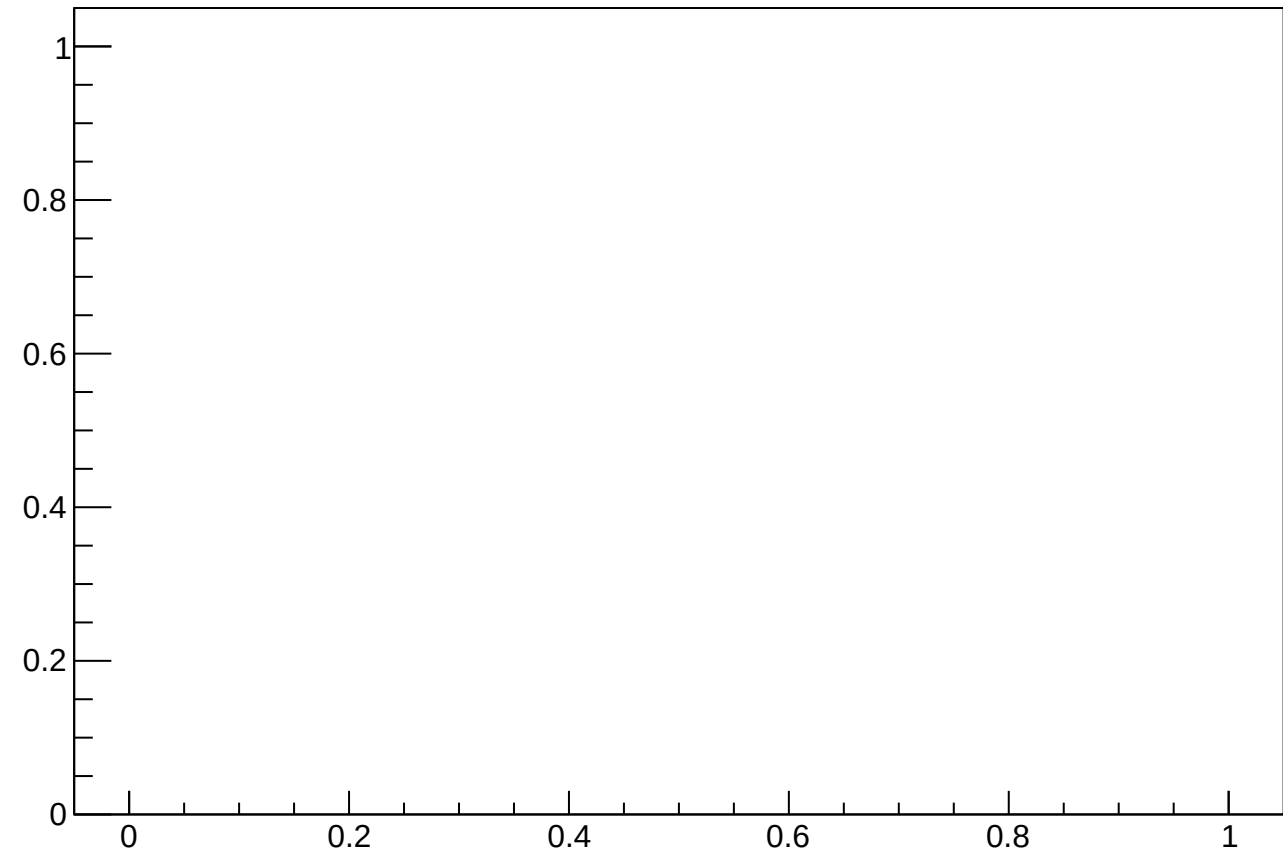
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

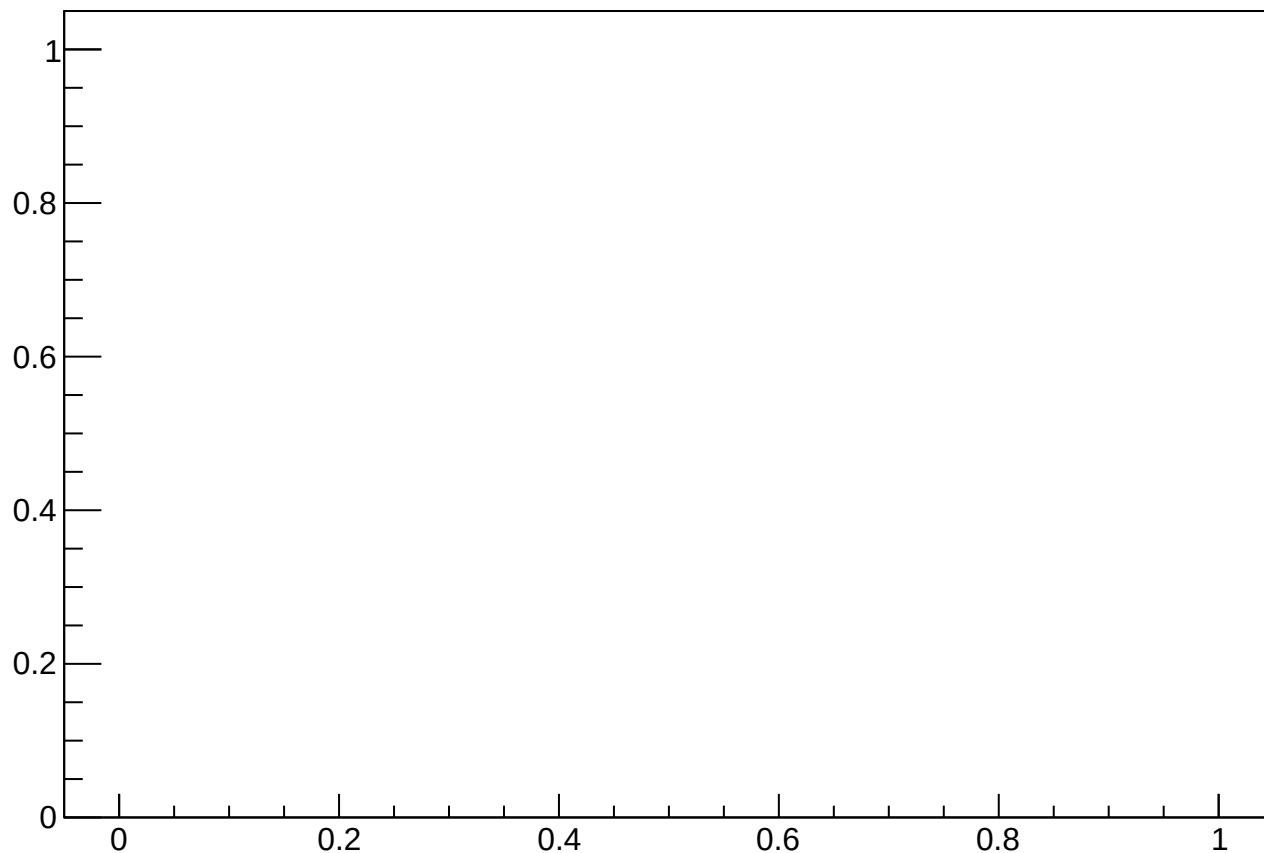
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

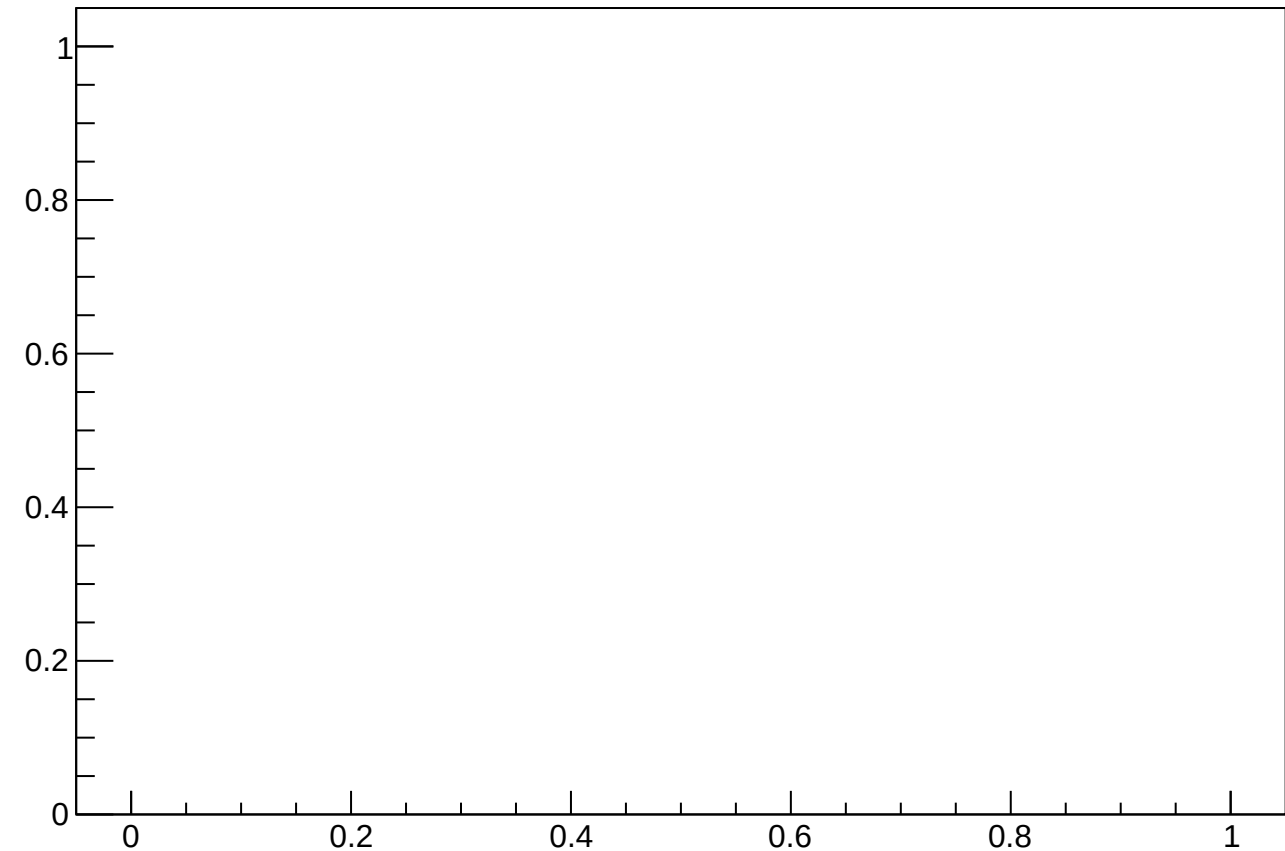
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

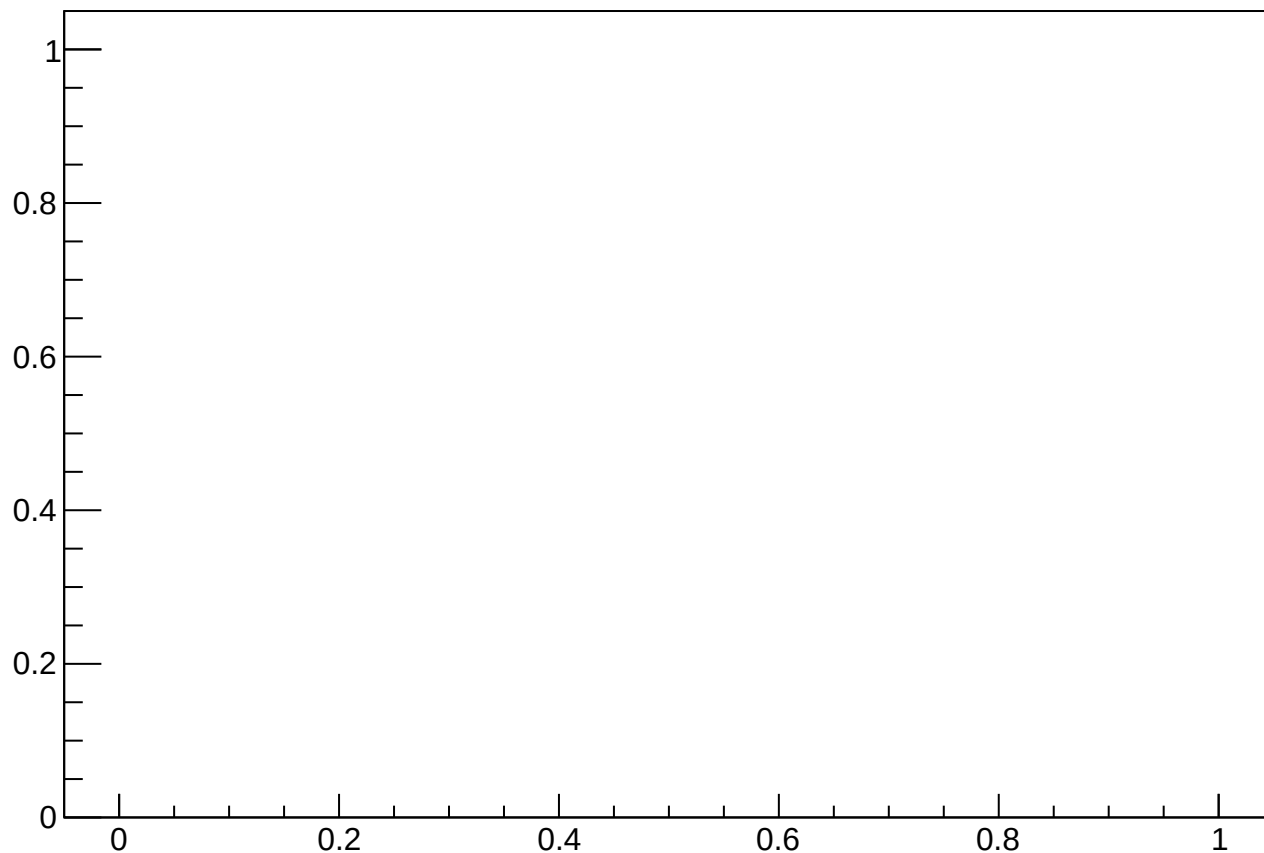
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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 $\pm$ 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_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 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

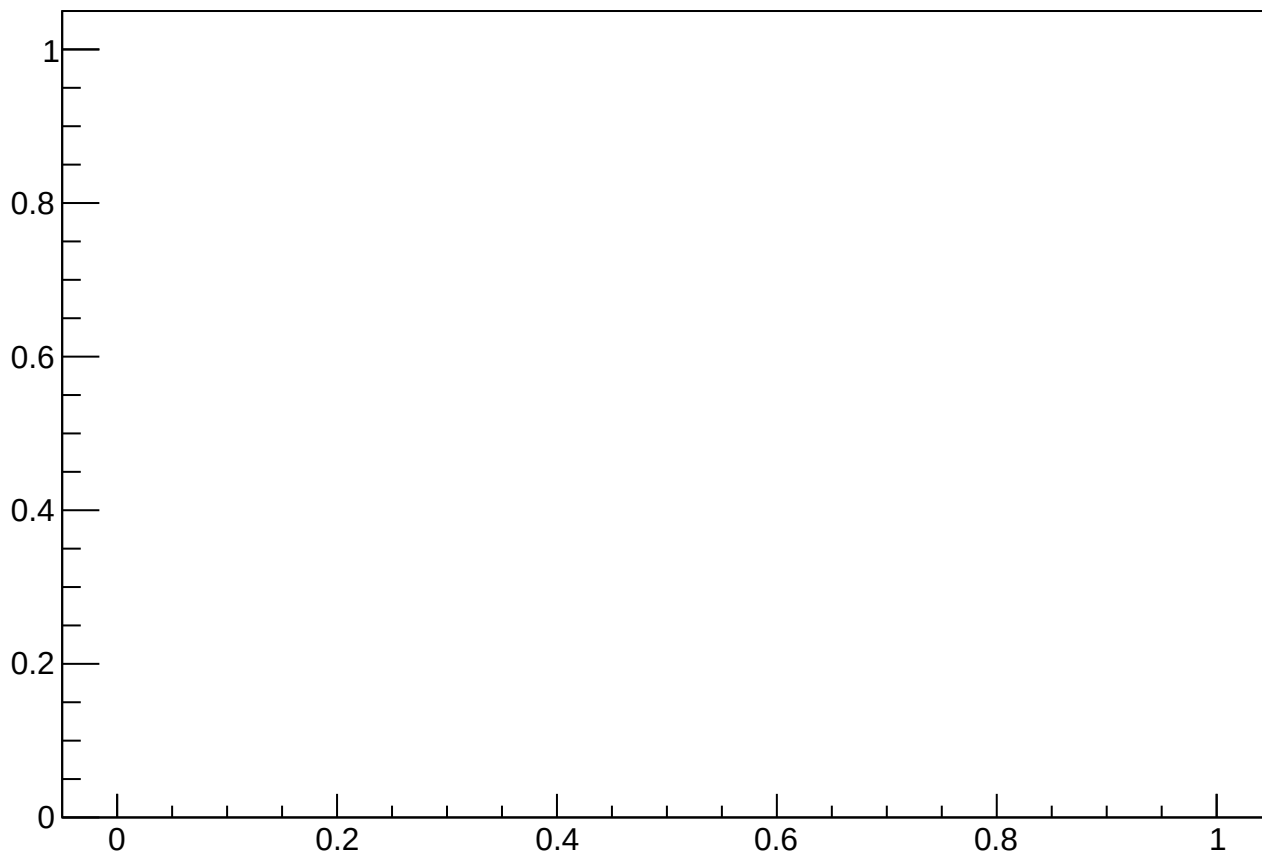
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

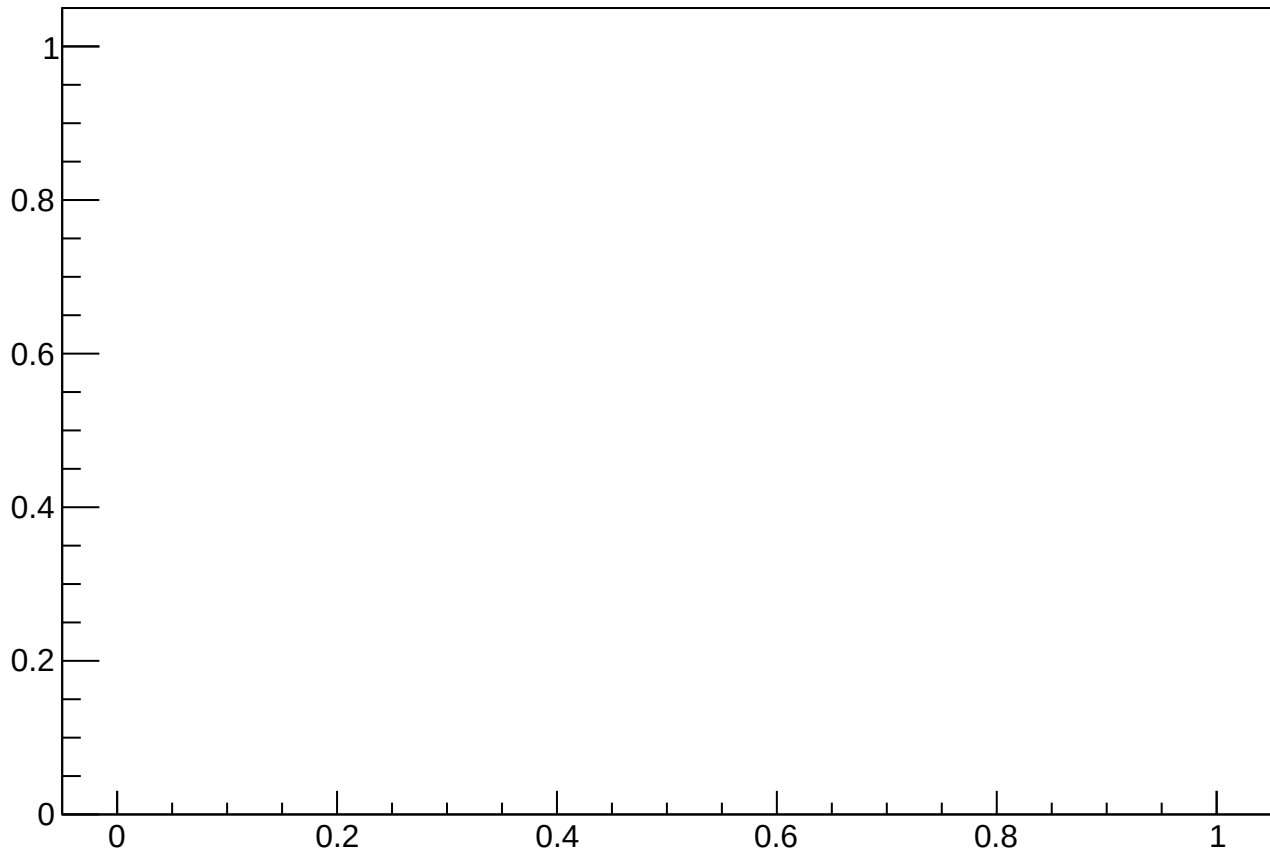
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

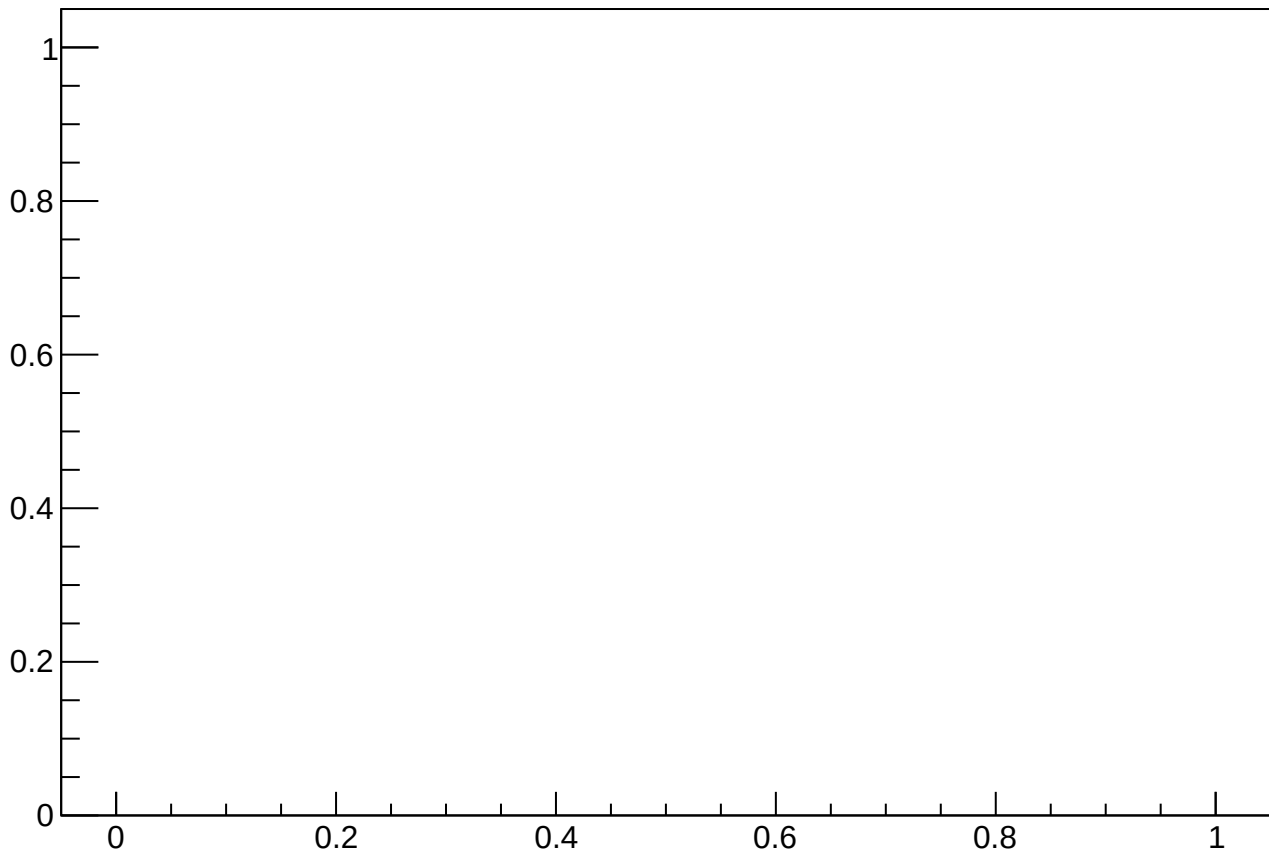
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

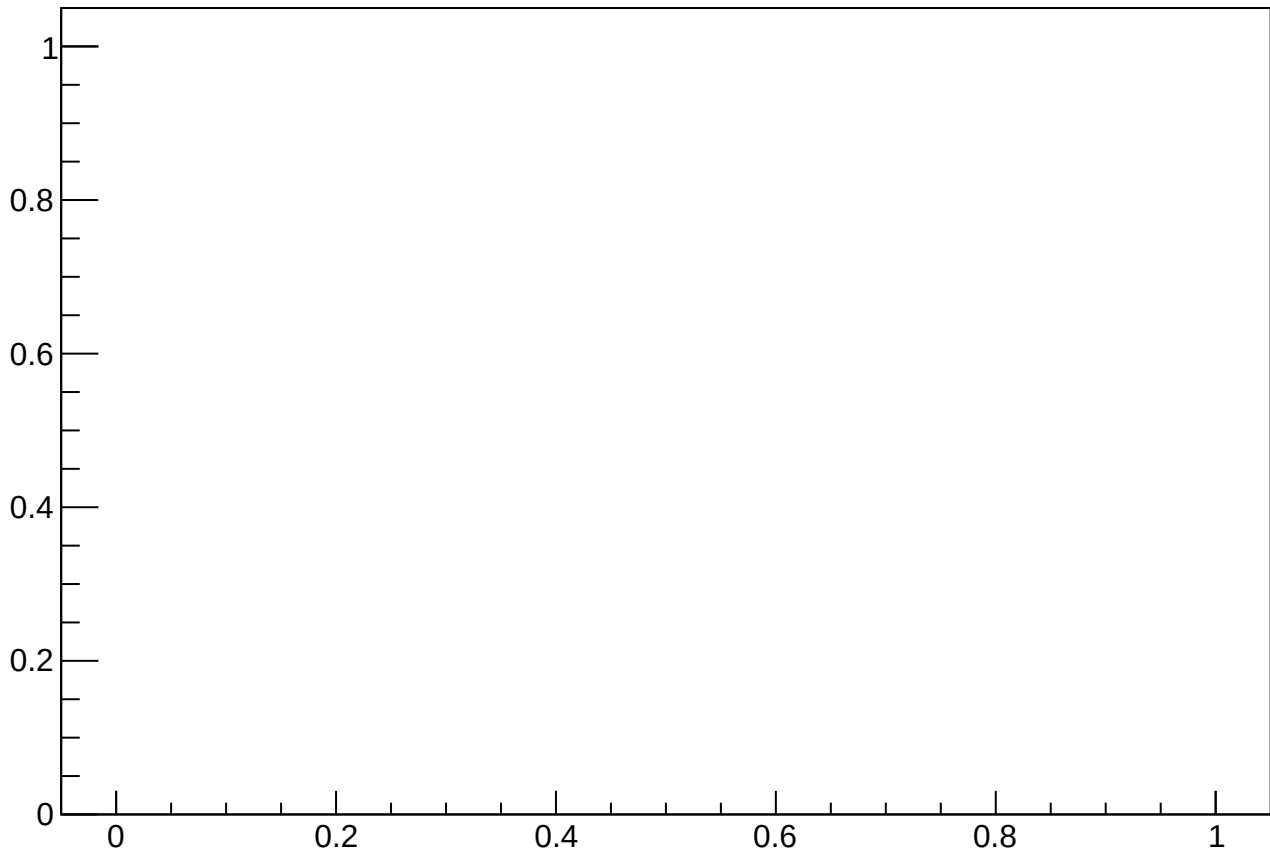
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

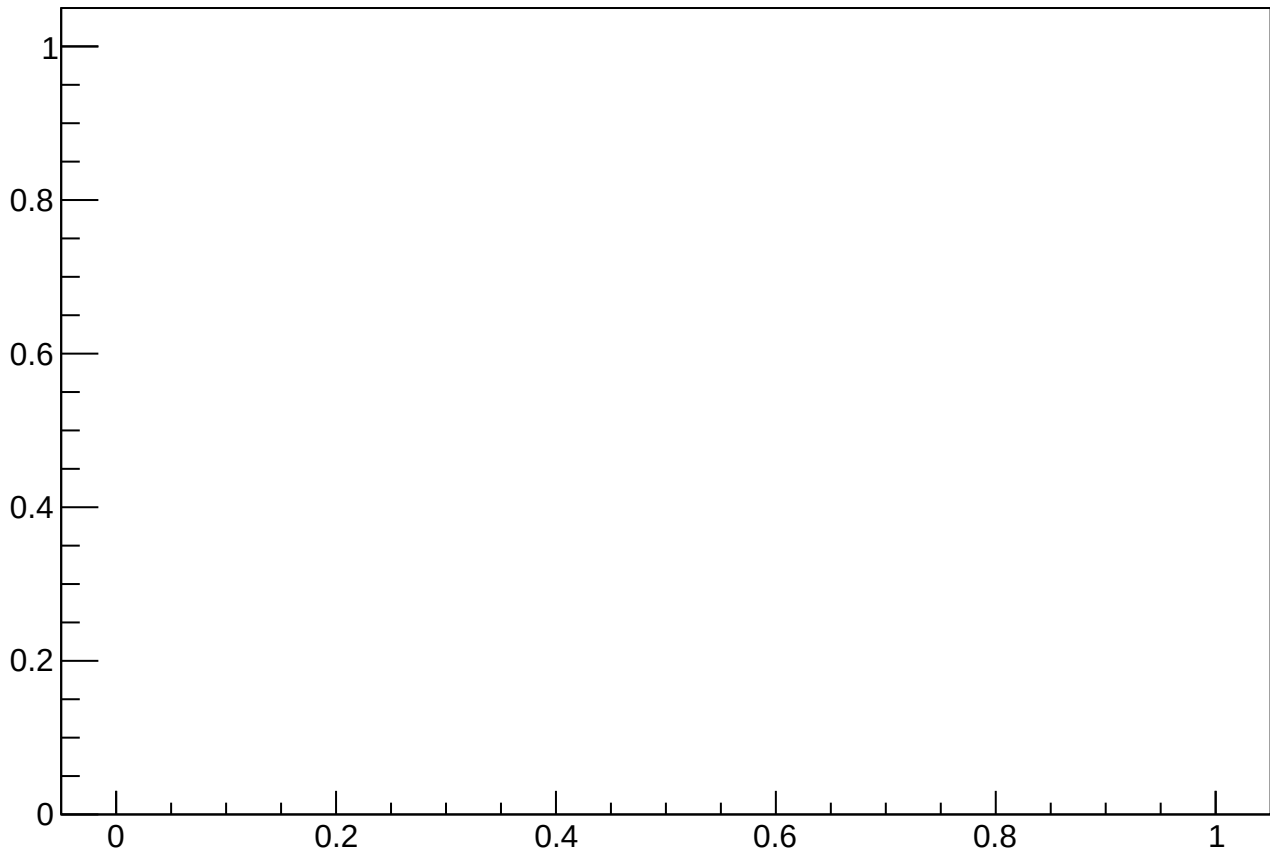
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

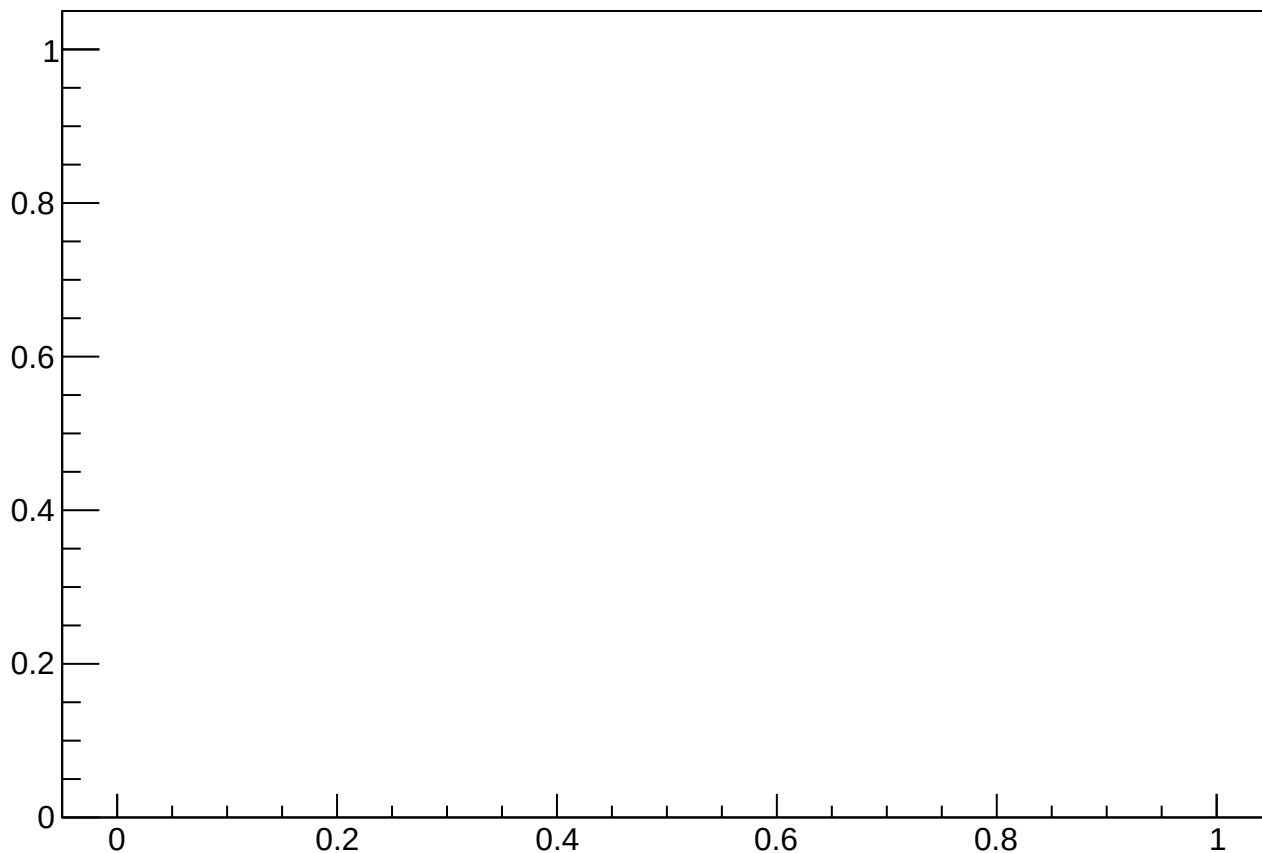
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

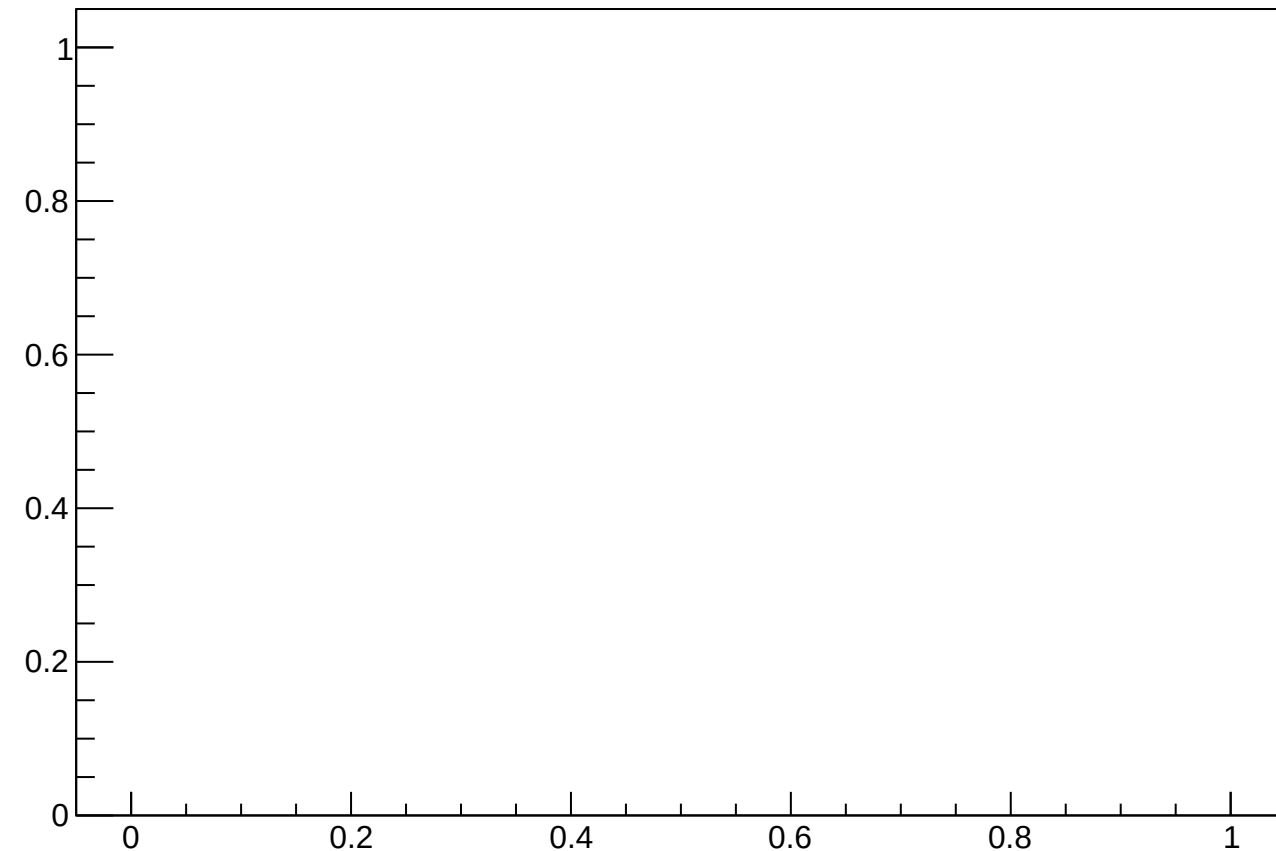
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

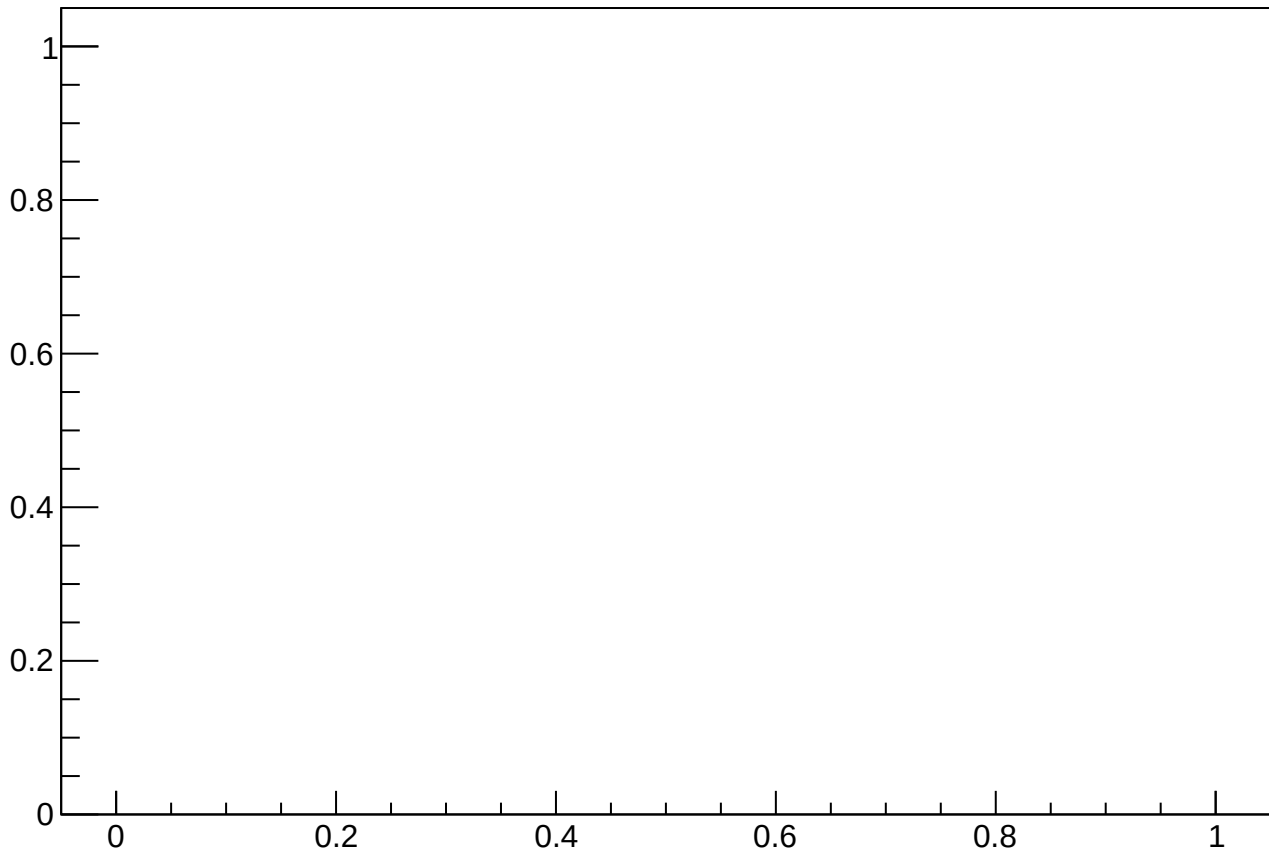
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

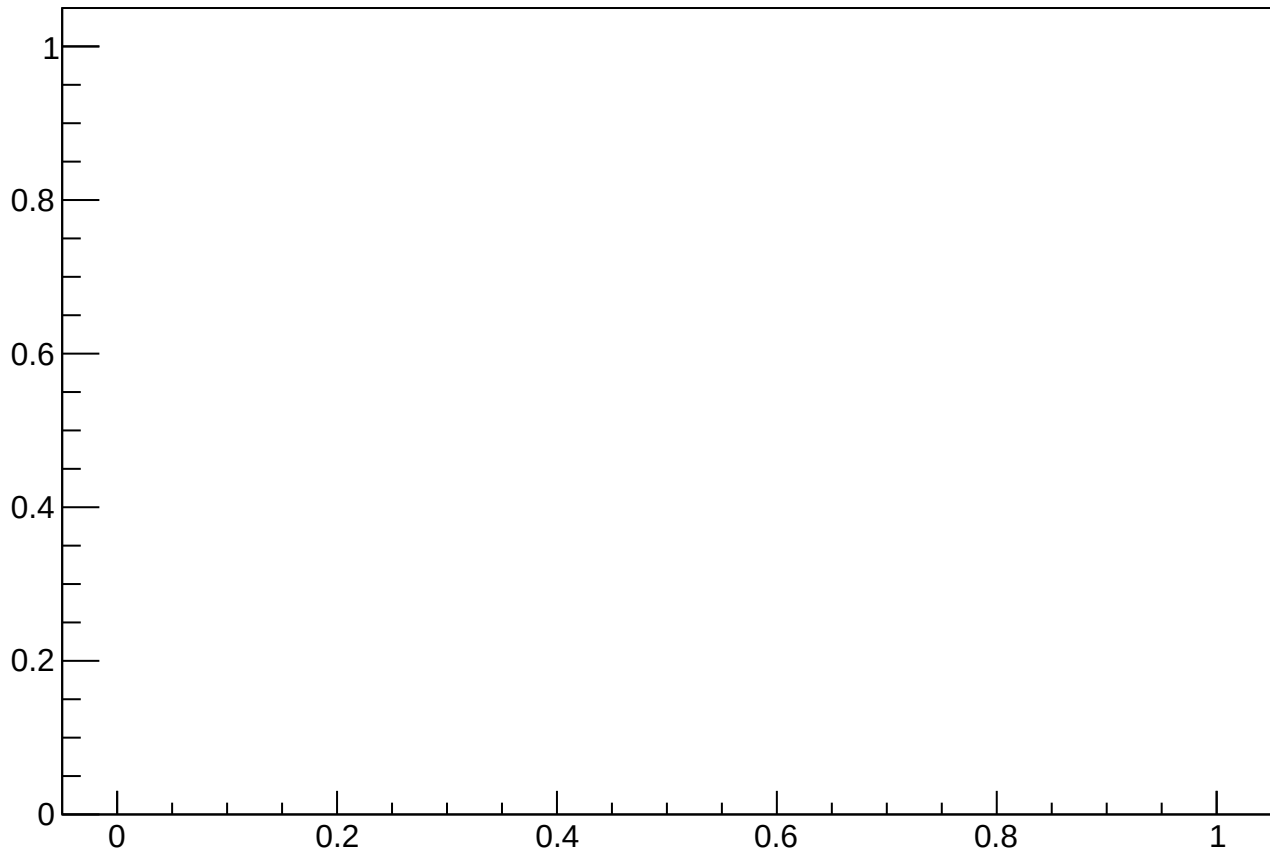
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

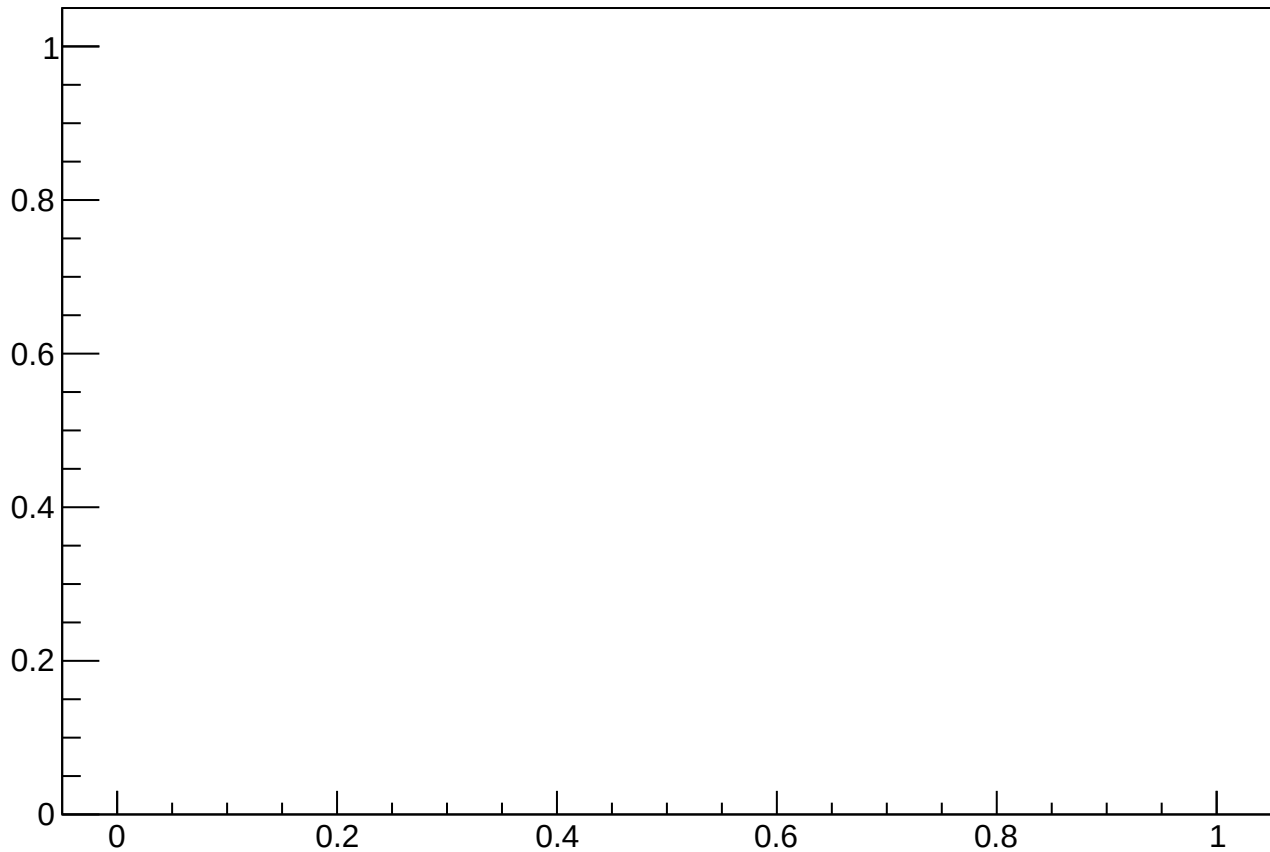
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

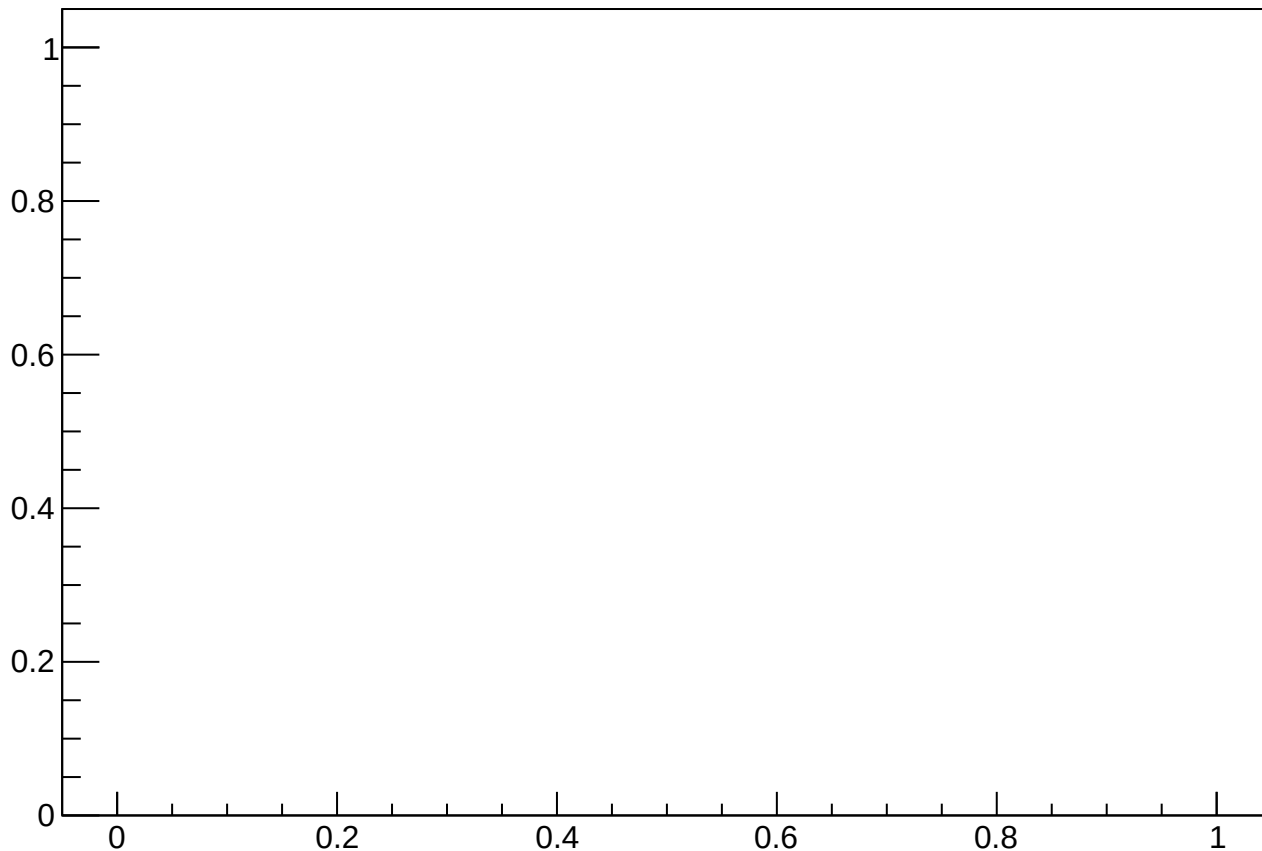
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

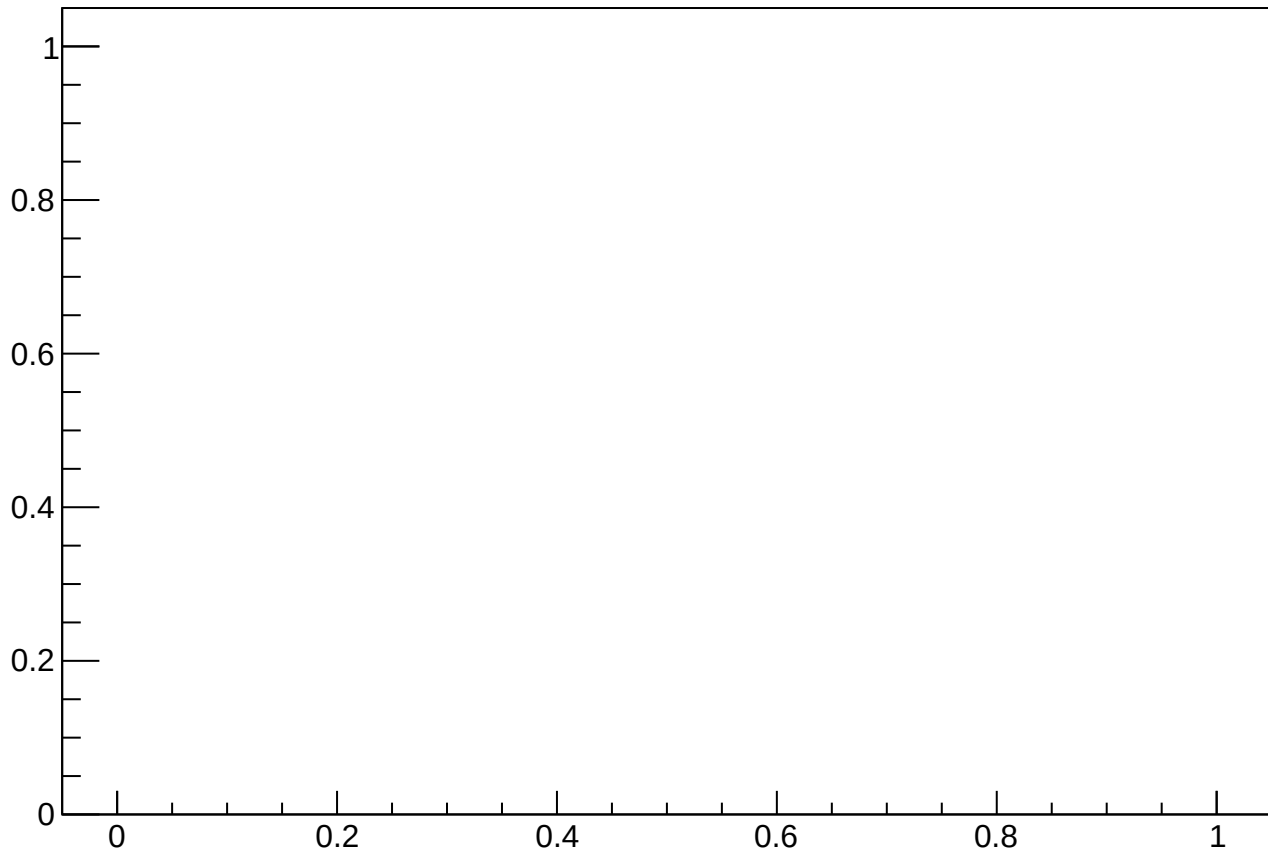
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

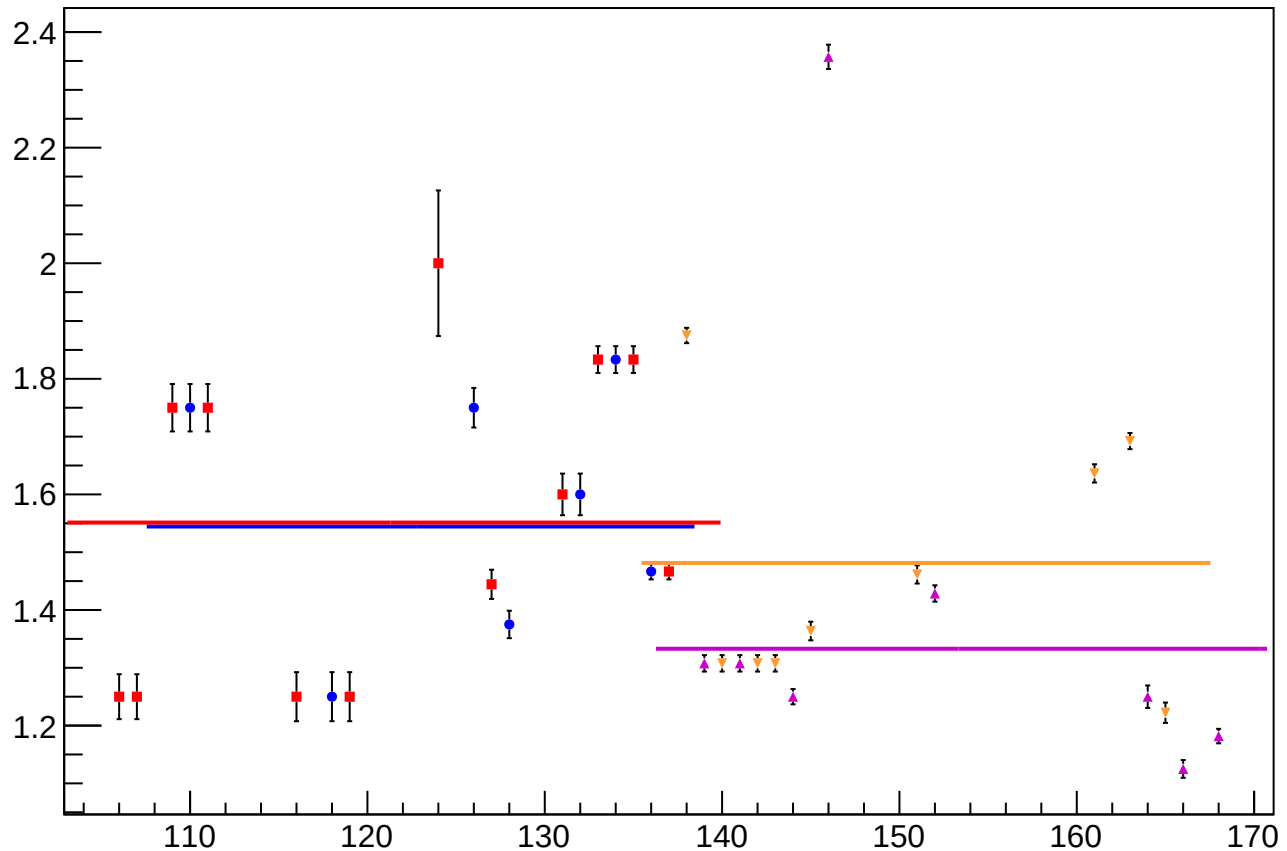
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.481 $\pm$ 0.005 χ^2/NDF :1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.333 $\pm$ 0.005 χ^2/NDF :2803.3/7

Left: 1.412 $\pm$ 0.004 χ^2/NDF : 5151.9/16

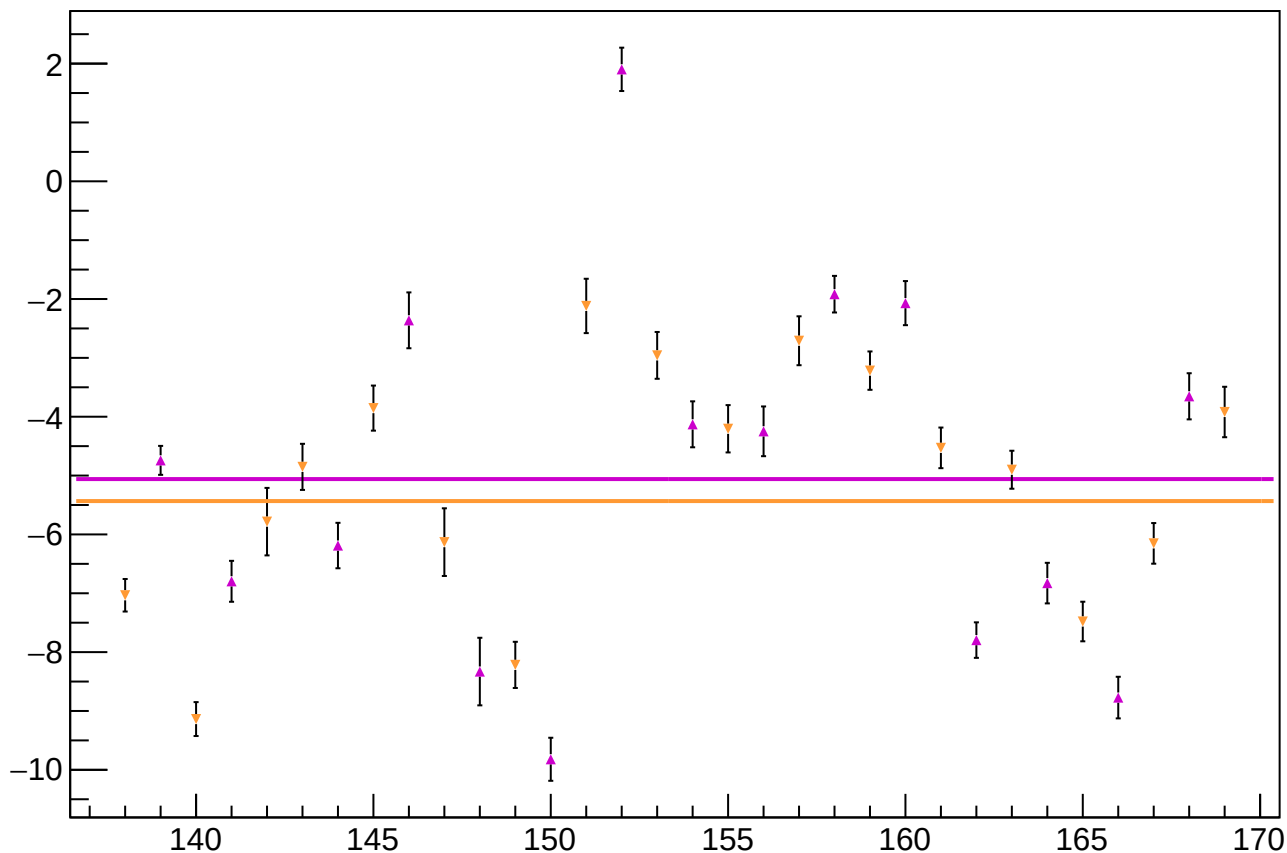
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.385 $\pm$ 0.005 χ^2/NDF :3548.4/14

Out: 1.500 $\pm$ 0.004 χ^2/NDF :2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.7/35

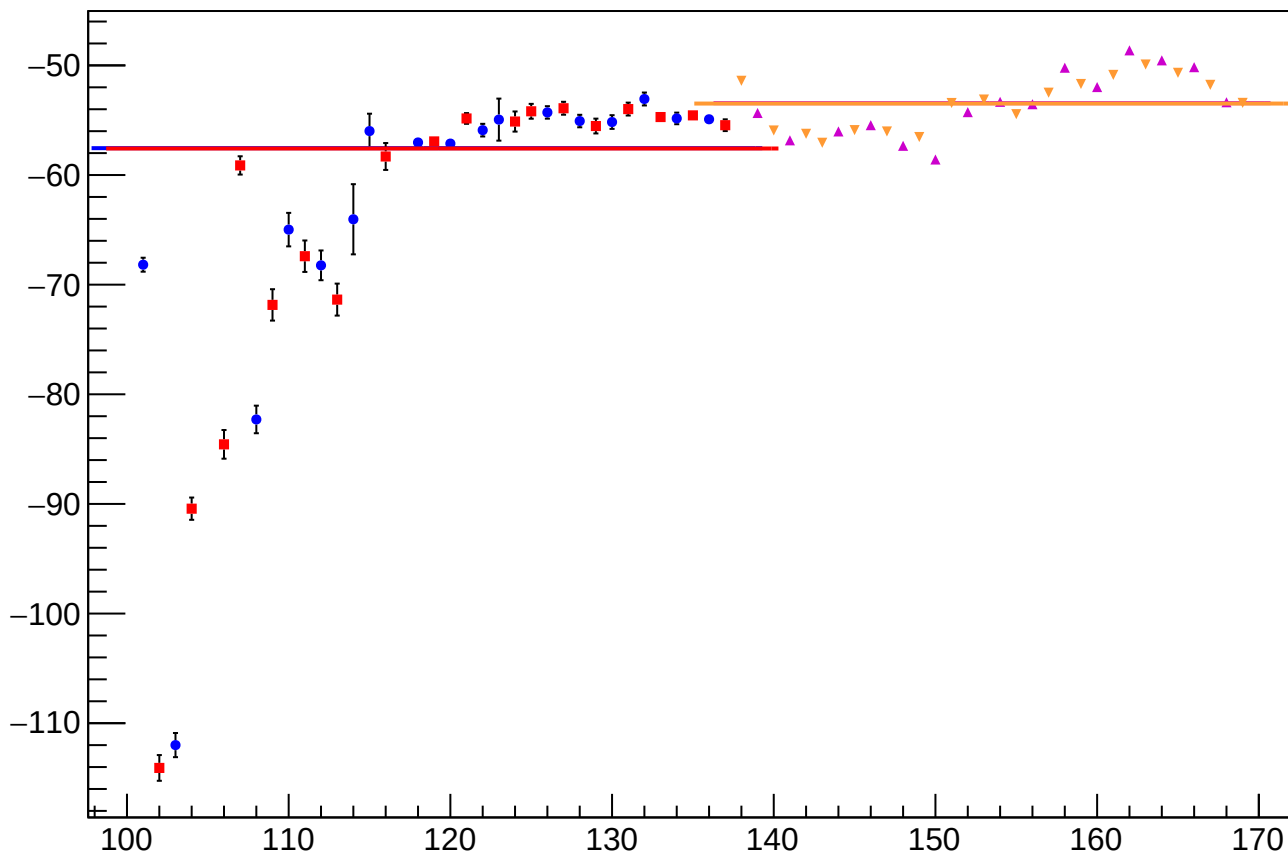
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.433 ± 0.090 χ^2/NDF : 522.5/16
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -5.060 ± 0.092 χ^2/NDF : 1033.5/14

Left: -5.252 ± 0.064 χ^2/NDF : 1564.4/31
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -5.060 ± 0.092 χ^2/NDF : 1033.5/14
 Out: -5.433 ± 0.090 χ^2/NDF : 522.5/16
 All: -5.252 ± 0.064 χ^2/NDF : 1564.4/31

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.481 ± 0.067 χ^2/NDF : 1194.4/16

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -53.443 ± 0.071 χ^2/NDF : 1872.3/14

Left: -53.463 ± 0.049 χ^2/NDF : 3066.9/31

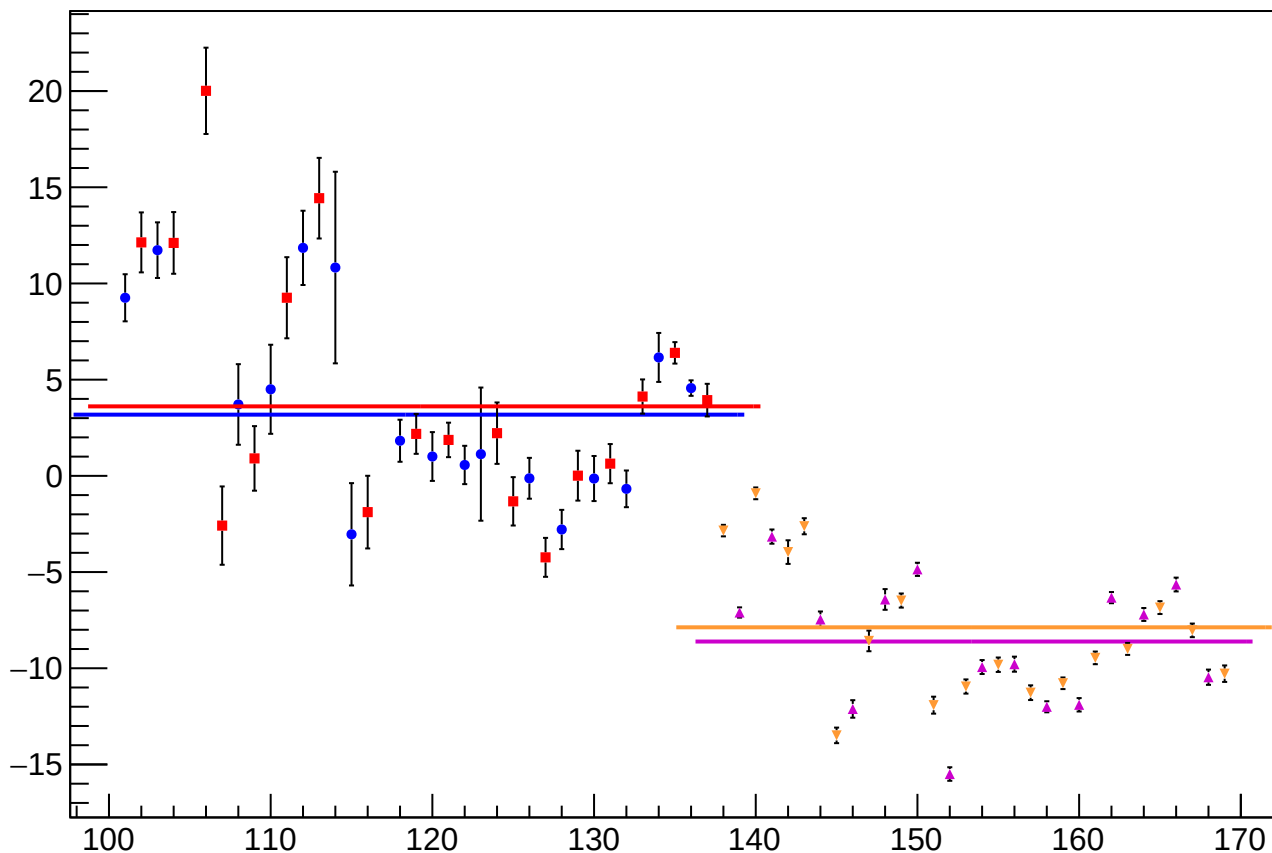
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -54.275 ± 0.064 χ^2/NDF : 6003.3/31

Out: -54.221 ± 0.061 χ^2/NDF : 6212.4/34

All: -54.247 ± 0.044 χ^2/NDF : 12216.1/66

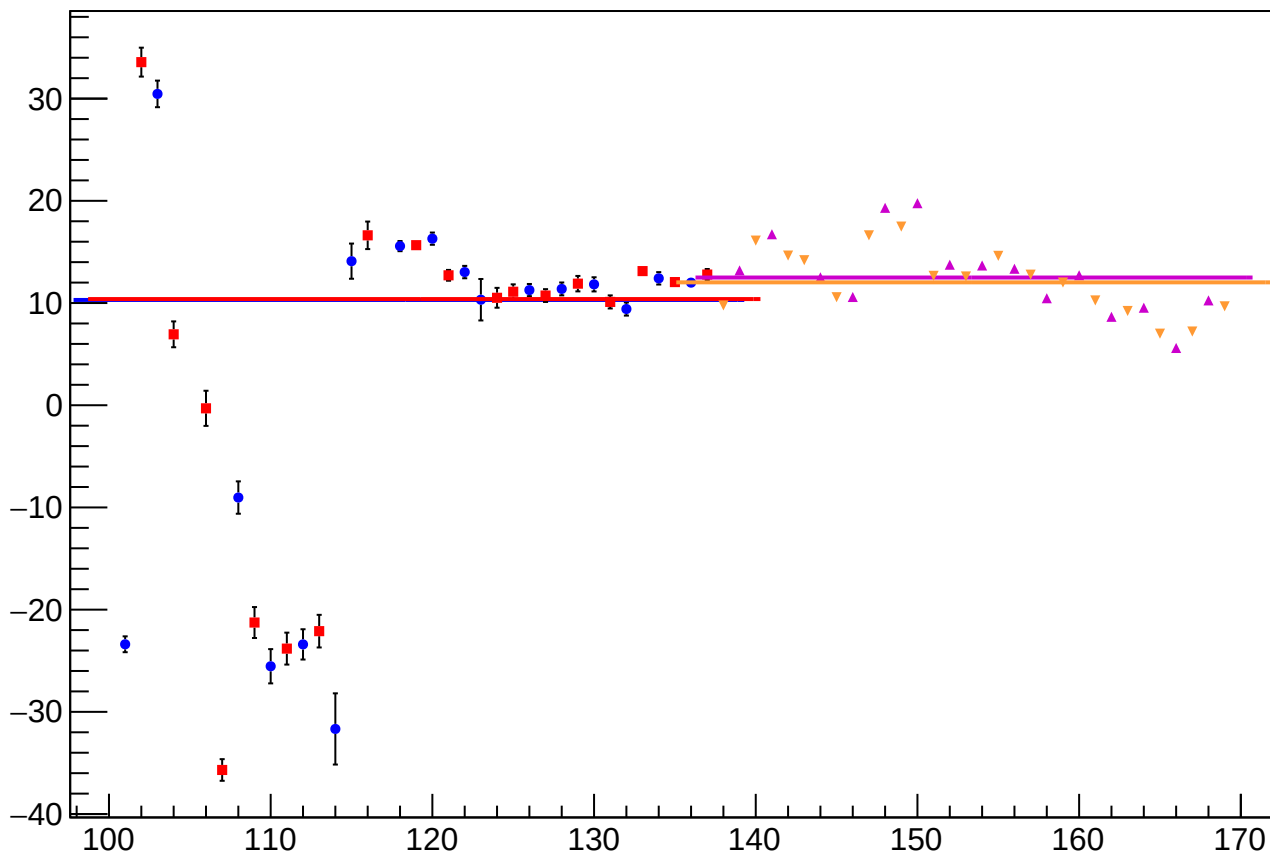
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$
 Left Out: -7.872 ± 0.089 $\chi^2/\text{NDF}: 1632.2/16$
 Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$
 Left In: -8.611 ± 0.091 $\chi^2/\text{NDF}: 1255.1/14$

Left: -8.234 ± 0.064 $\chi^2/\text{NDF}: 2921.1/31$
 Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$
 In: -7.313 ± 0.086 $\chi^2/\text{NDF}: 3299.5/31$
 Out: -6.732 ± 0.084 $\chi^2/\text{NDF}: 3576.9/34$
 All: -7.018 ± 0.060 $\chi^2/\text{NDF}: 6899.7/66$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 12.023 ± 0.076 χ^2/NDF : 1568.1/16

Right Out: 10.388 ± 0.160 χ^2/NDF : 3786.4/17

Left In: 12.495 ± 0.080 χ^2/NDF : 2041.9/14

Left: 12.247 ± 0.055 χ^2/NDF : 3628.2/31

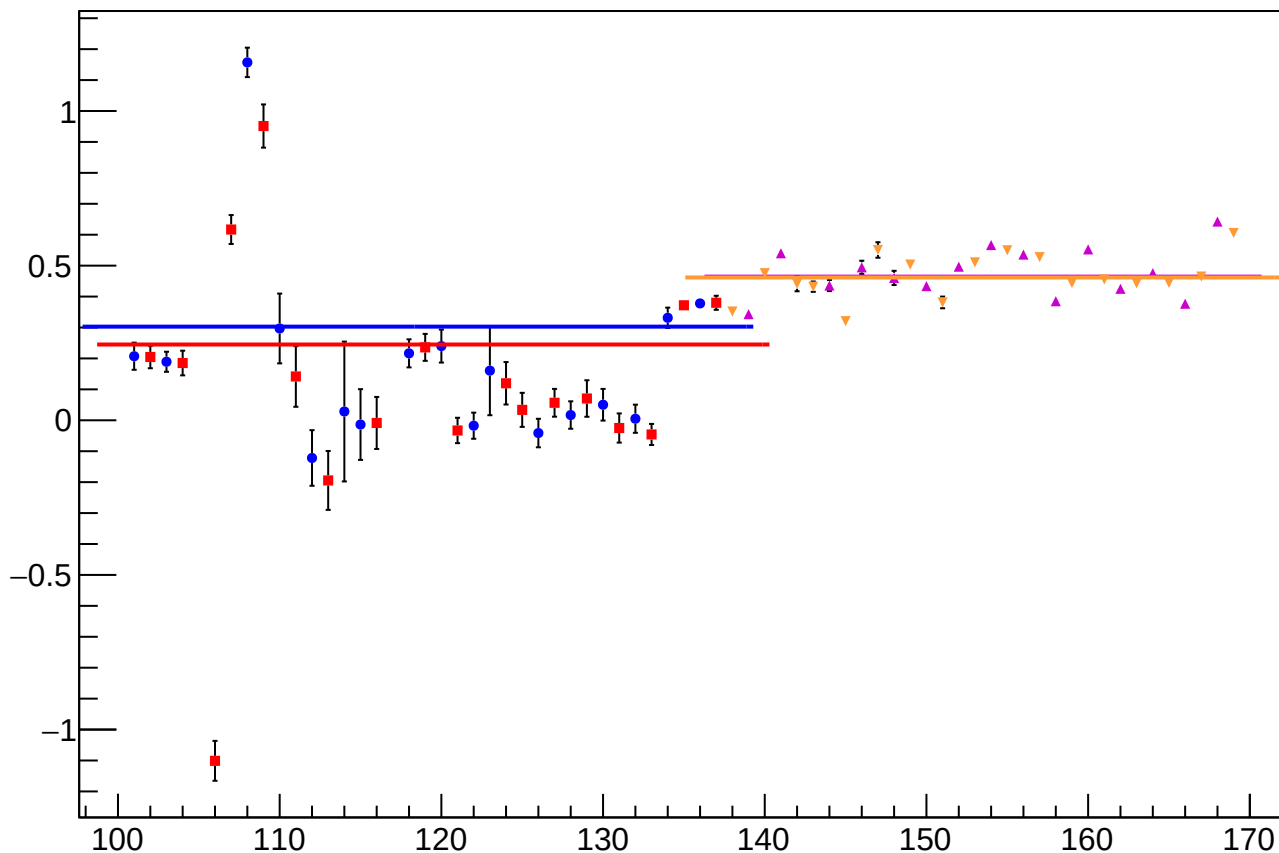
Right: 10.344 ± 0.112 χ^2/NDF : 7485.9/34

In: 12.039 ± 0.072 χ^2/NDF : 5896.1/31

Out: 11.720 ± 0.069 χ^2/NDF : 5439.7/34

All: 11.873 ± 0.050 χ^2/NDF : 11346.1/66

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: 0.462 $\pm$ 0.003 χ^2 /NDF:388.4/16

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.465 $\pm$ 0.004 χ^2 /NDF:592.6/14

Left: 0.463 $\pm$ 0.002 χ^2 /NDF: 981.3/31

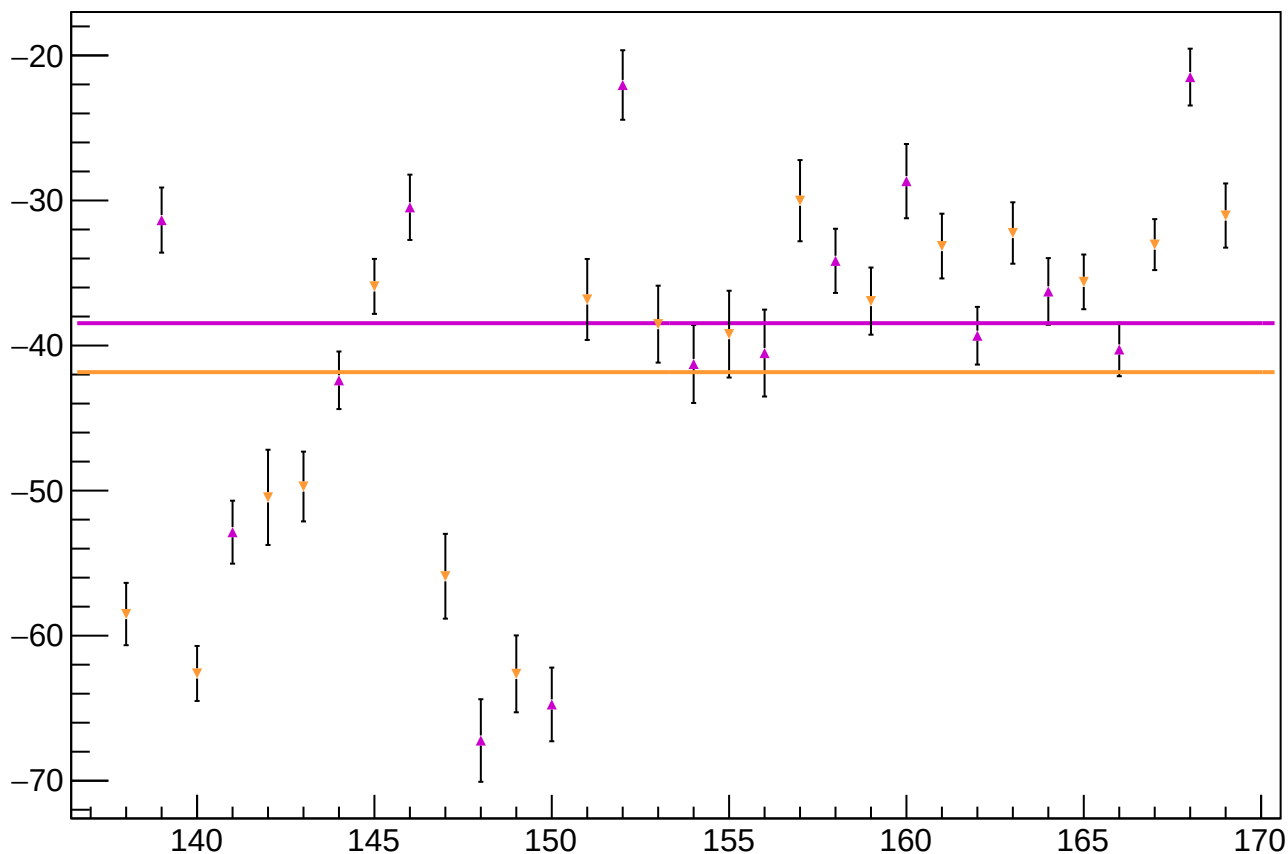
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.440 $\pm$ 0.003 χ^2 /NDF:1568.9/31

Out: 0.431 $\pm$ 0.003 χ^2 /NDF:1899.4/34

All: 0.435 $\pm$ 0.002 χ^2 /NDF: 3471.7/66

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.834+/-0.557 χ^2/NDF :415.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.458+/-0.585 χ^2/NDF :424.0/14

Left: -40.231+/-0.403 χ^2/NDF : 857.3/31

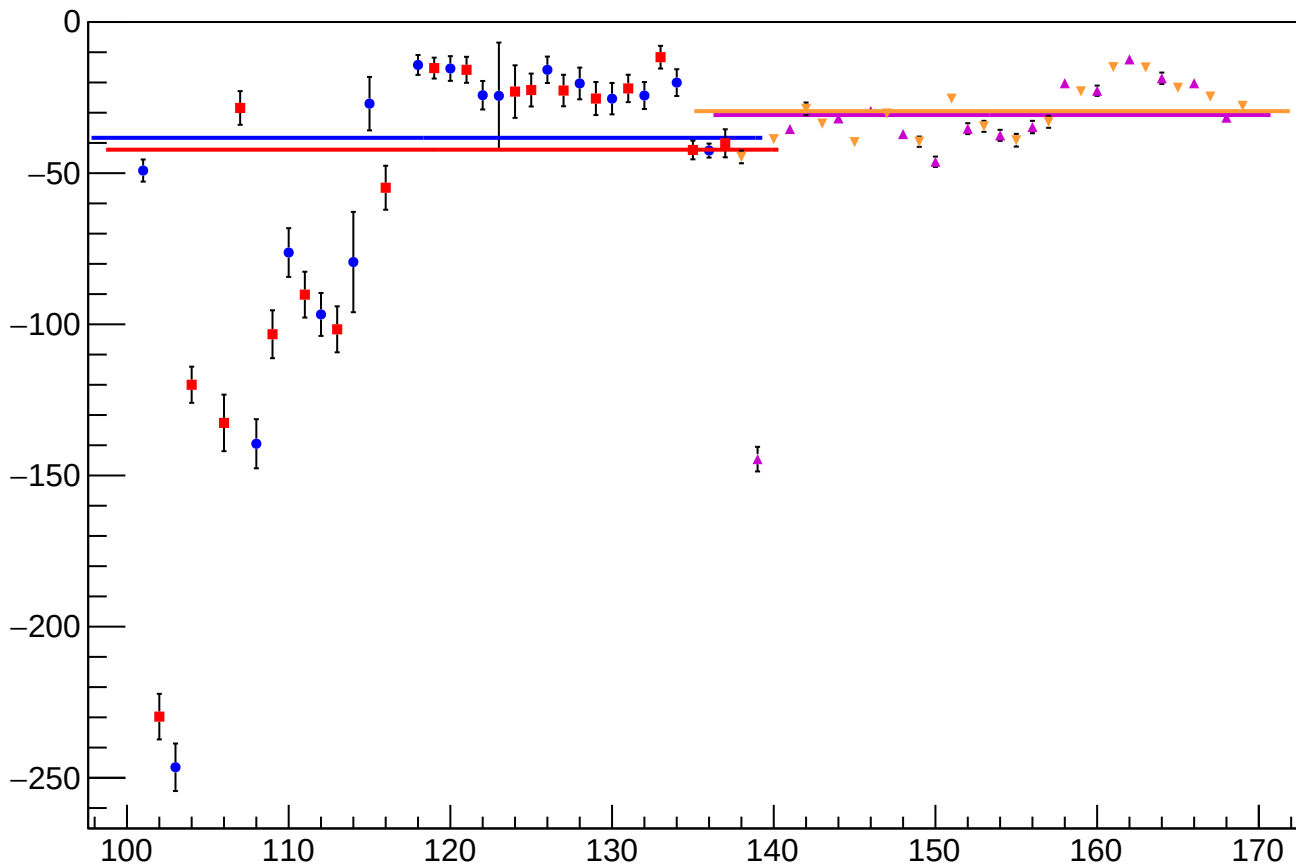
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.458+/-0.585 χ^2/NDF :424.0/14

Out: -41.834+/-0.557 χ^2/NDF :415.8/16

All: -40.231+/-0.403 χ^2/NDF : 857.3/31

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -30.087 ± 0.295 $\chi^2/\text{NDF}: 1640.0/31$

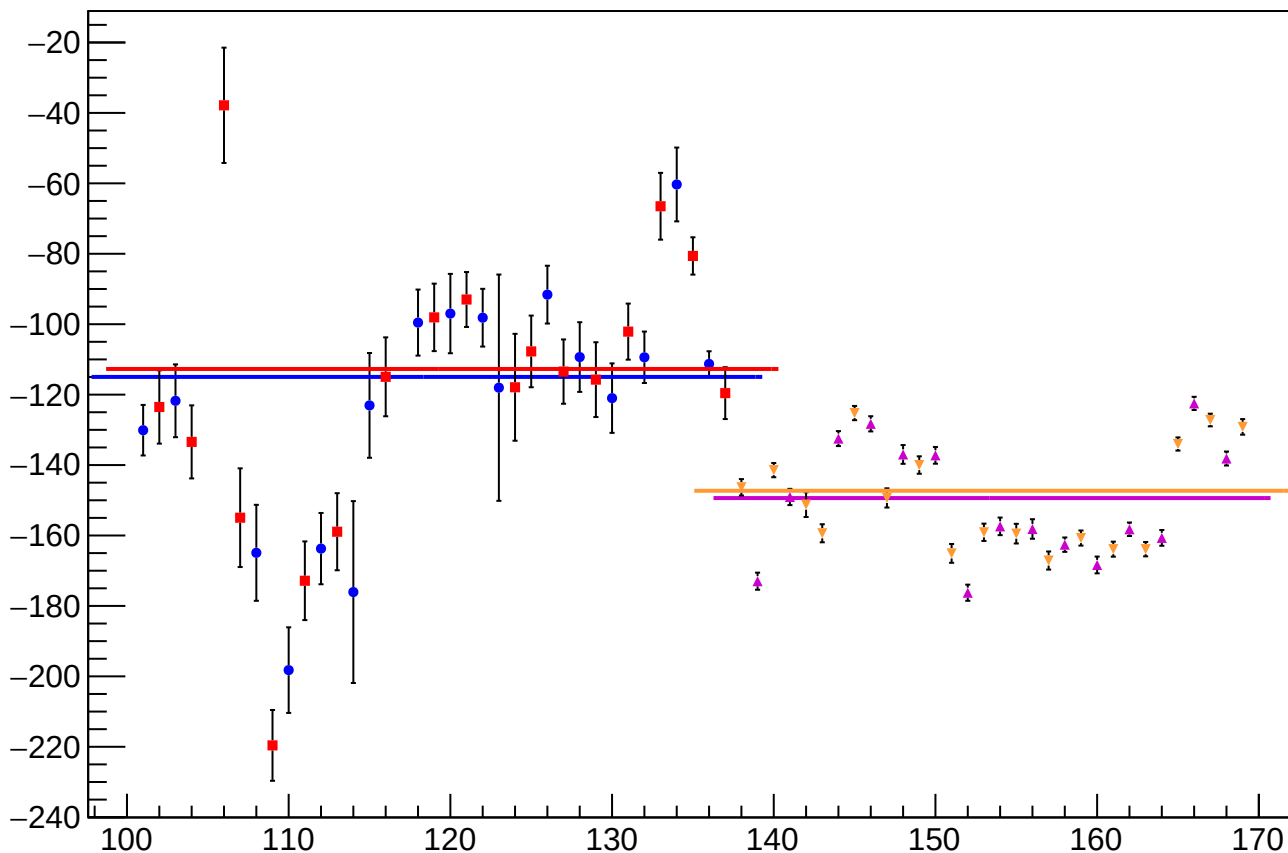
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -31.723 ± 0.403 $\chi^2/\text{NDF}: 2374.2/31$

Out: -30.761 ± 0.384 $\chi^2/\text{NDF}: 1810.1/34$

All: -31.218 ± 0.278 $\chi^2/\text{NDF}: 4187.3/66$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -147.302 ± 0.553 $\chi^2/\text{NDF}: 714.3/16$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -149.374 ± 0.575 $\chi^2/\text{NDF}: 849.3/14$

Left: -148.297 ± 0.399 $\chi^2/\text{NDF}: 1570.3/31$

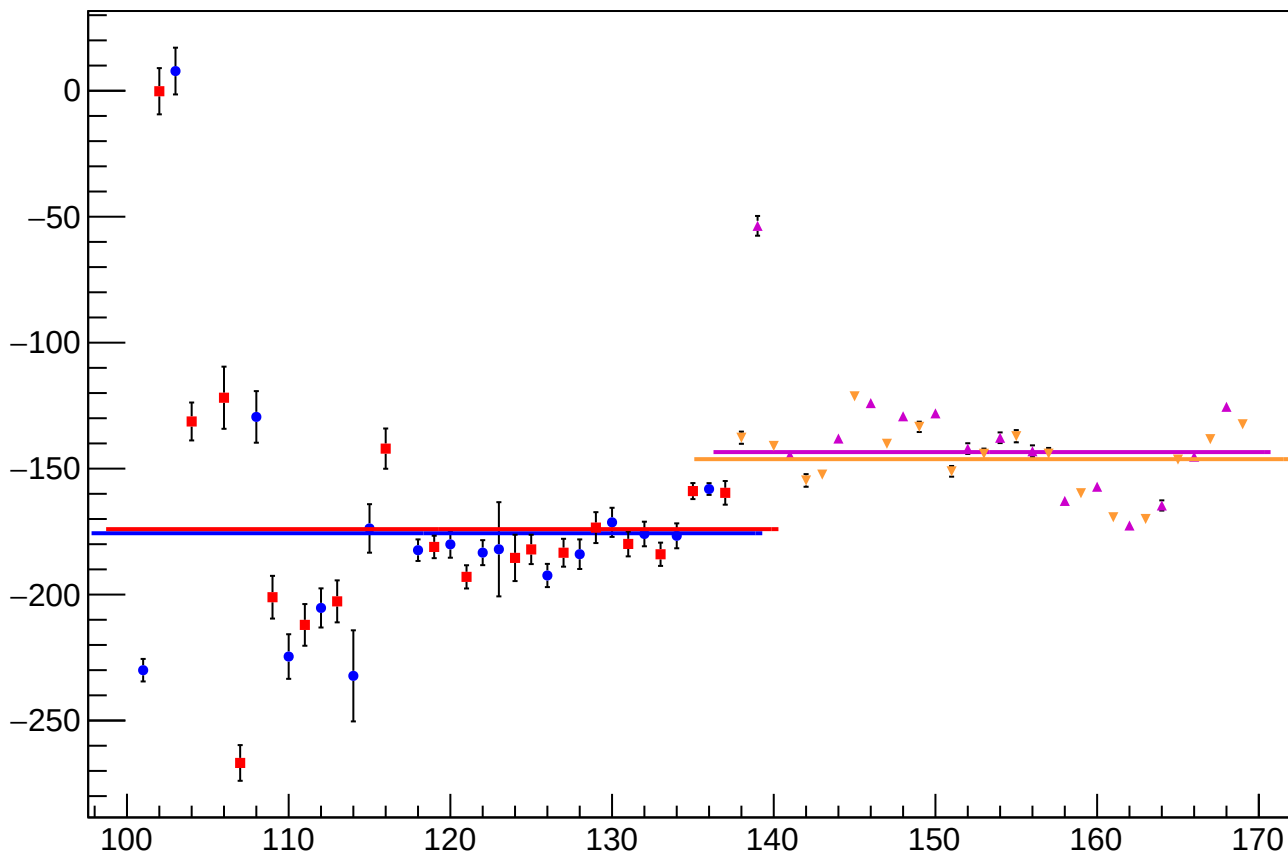
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -146.916 ± 0.555 $\chi^2/\text{NDF}: 1246.1/31$

Out: -145.261 ± 0.537 $\chi^2/\text{NDF}: 1211.9/34$

All: -146.062 ± 0.386 $\chi^2/\text{NDF}: 2462.5/66$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -146.243 ± 0.465 χ^2/NDF : 850.0/16

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -143.437 ± 0.496 χ^2/NDF : 1489.4/14

Left: -144.931 ± 0.339 χ^2/NDF : 2356.4/31

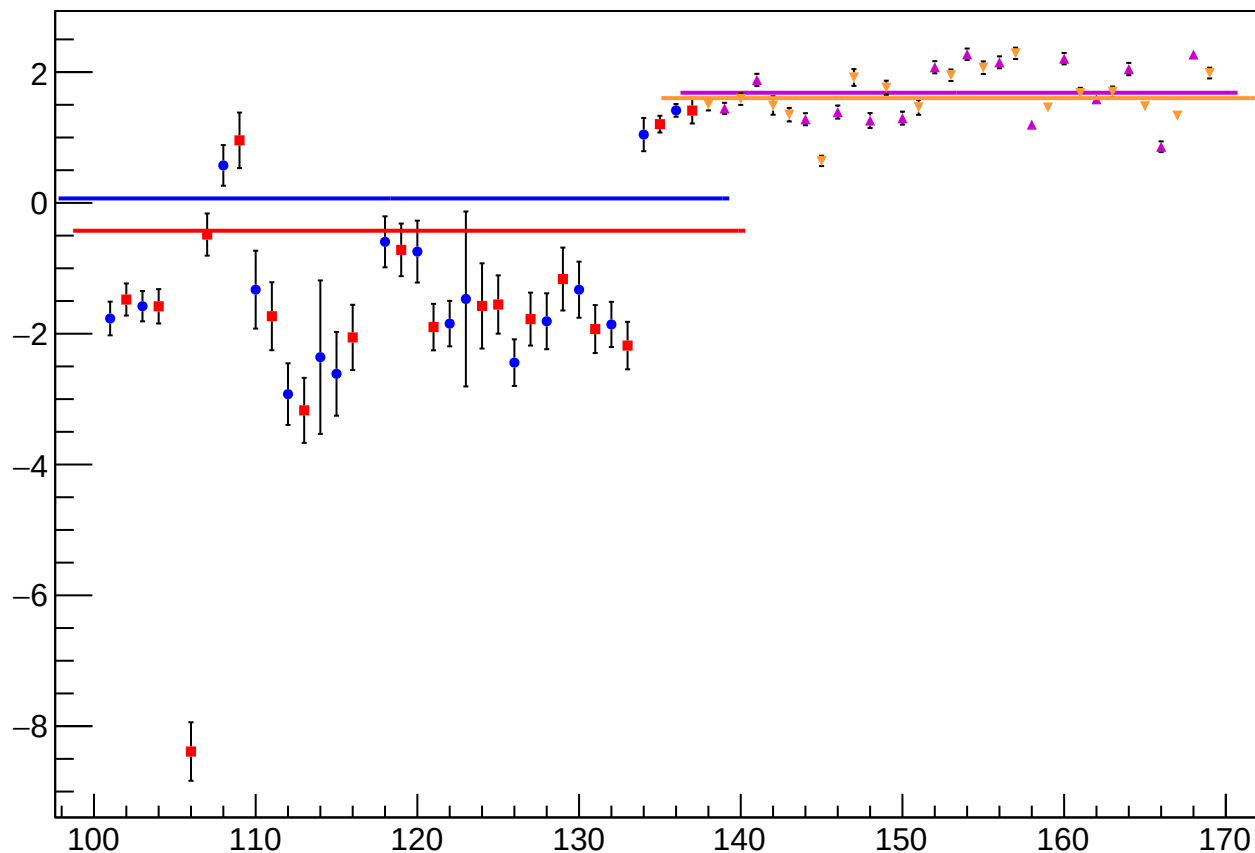
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -147.709 ± 0.462 χ^2/NDF : 2740.4/31

Out: -149.171 ± 0.440 χ^2/NDF : 1929.4/34

All: -148.476 ± 0.319 χ^2/NDF : 4675.0/66

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: 1.602 $\pm$ 0.022 χ^2 /NDF:309.8/16

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.684 $\pm$ 0.023 χ^2 /NDF:416.0/14

Left: 1.641 $\pm$ 0.016 χ^2 /NDF: 732.7/31

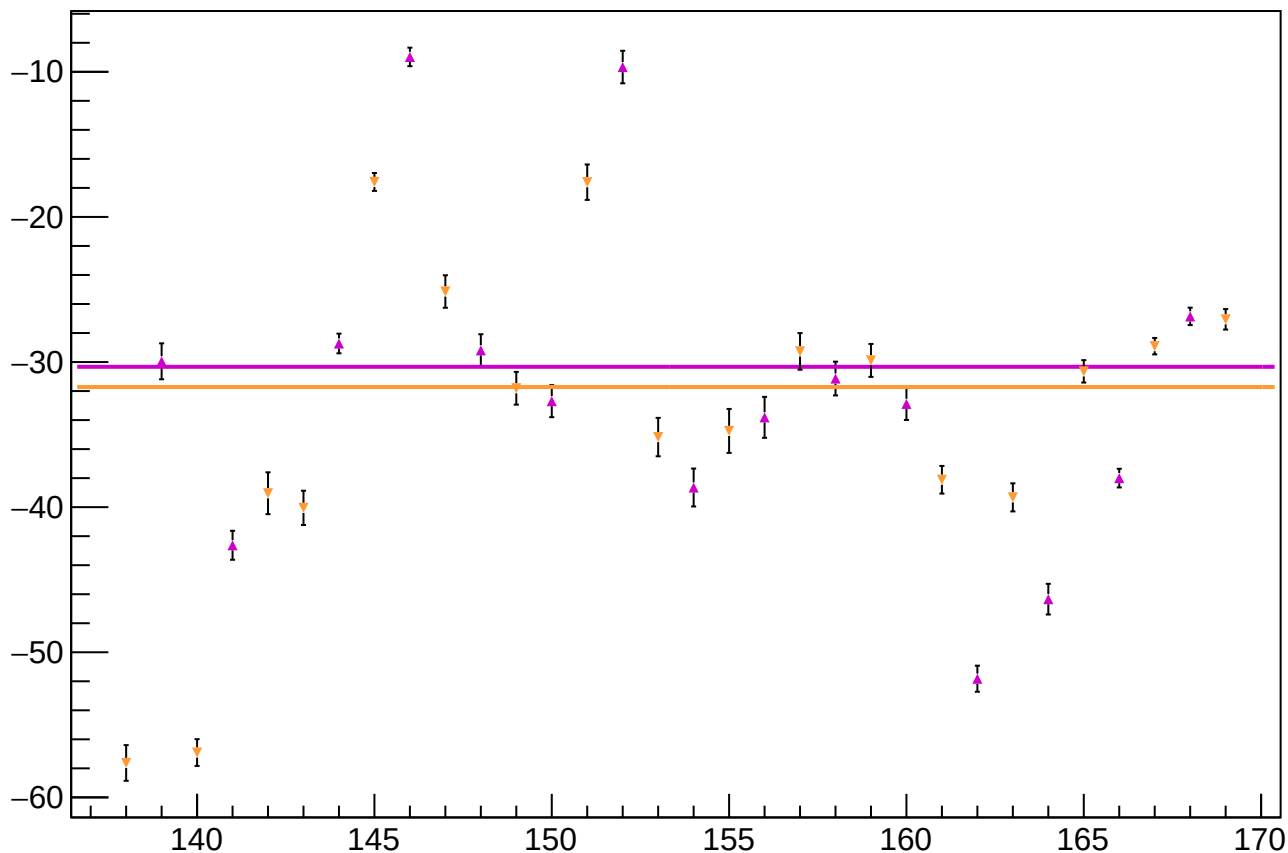
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.518 $\pm$ 0.021 χ^2 /NDF:1463.6/31

Out: 1.430 $\pm$ 0.021 χ^2 /NDF:1793.7/34

All: 1.473 $\pm$ 0.015 χ^2 /NDF: 3266.0/66

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.721+/-0.228 χ^2/NDF :2151.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.327+/-0.231 χ^2/NDF :2651.7/14

Left: -31.036+/-0.162 χ^2/NDF : 4822.0/31

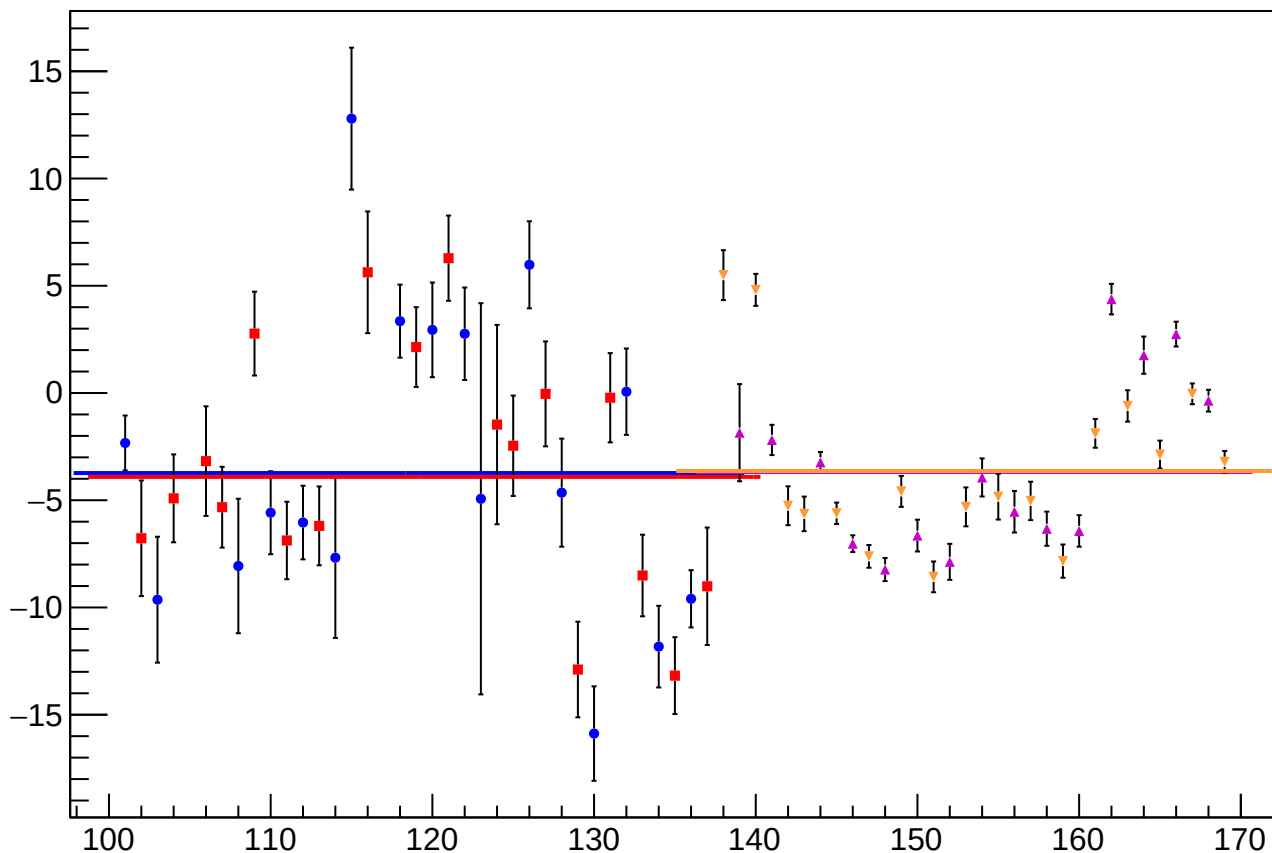
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.327+/-0.231 χ^2/NDF :2651.7/14

Out: -31.721+/-0.228 χ^2/NDF :2151.9/16

All: -31.036+/-0.162 χ^2/NDF : 4822.0/31

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -3.638 ± 0.166 χ^2/NDF : 437.9/16

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -3.685 ± 0.167 χ^2/NDF : 553.1/14

Left: -3.661 ± 0.118 χ^2/NDF : 991.1/31

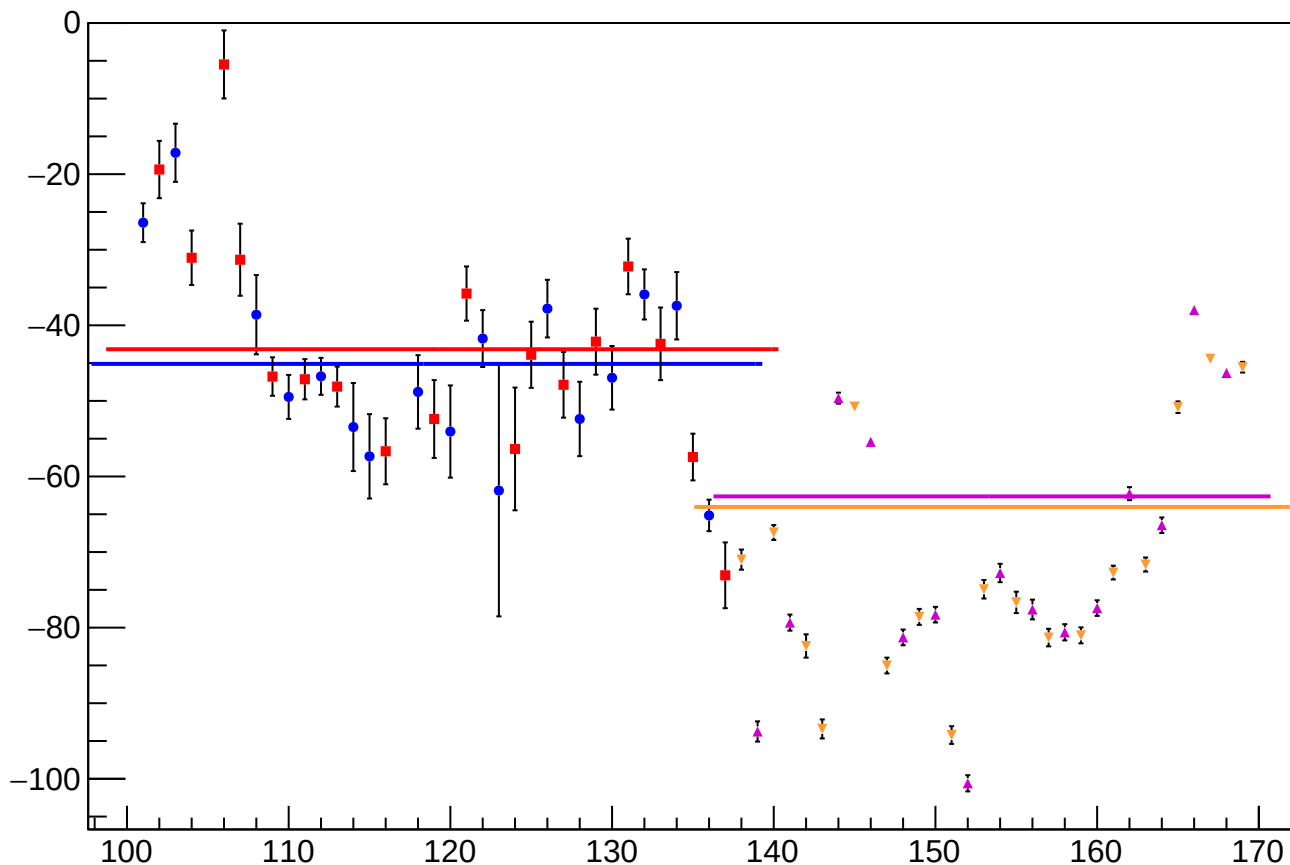
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -3.690 ± 0.159 χ^2/NDF : 719.0/31

Out: -3.664 ± 0.158 χ^2/NDF : 563.0/34

All: -3.677 ± 0.112 χ^2/NDF : 1281.9/66

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -64.031 ± 0.227 χ^2/NDF : 5319.3/16

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -62.637 ± 0.229 χ^2/NDF : 5889.6/14

Left: -63.338 ± 0.161 χ^2/NDF : 11227.6/31

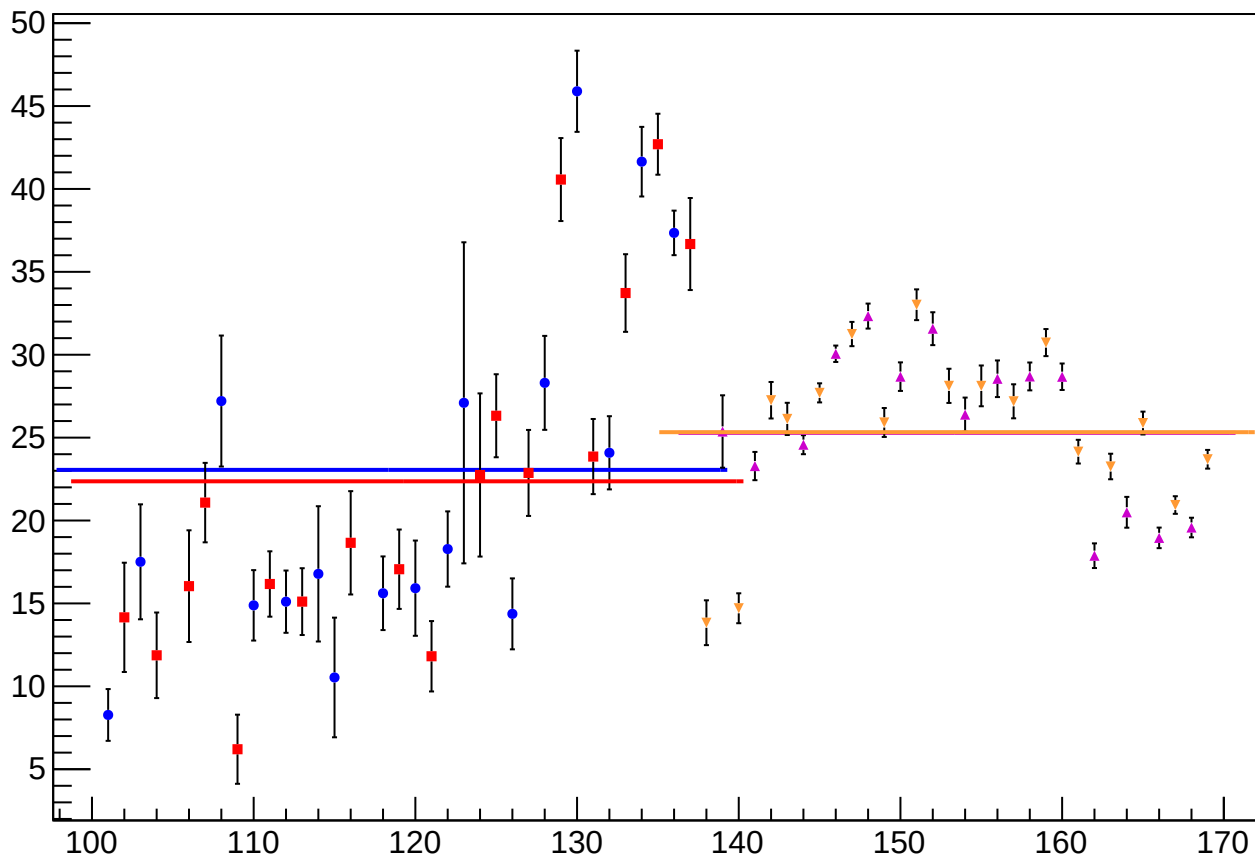
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -61.534 ± 0.221 χ^2/NDF : 6490.1/31

Out: -62.724 ± 0.220 χ^2/NDF : 6080.1/34

All: -62.133 ± 0.156 χ^2/NDF : 12584.7/66

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 25.329 $\pm$ 0.191 χ^2 /NDF:512.8/16

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 25.288 $\pm$ 0.196 χ^2 /NDF:610.4/14

Left: 25.309 $\pm$ 0.137 χ^2 /NDF: 1123.3/31

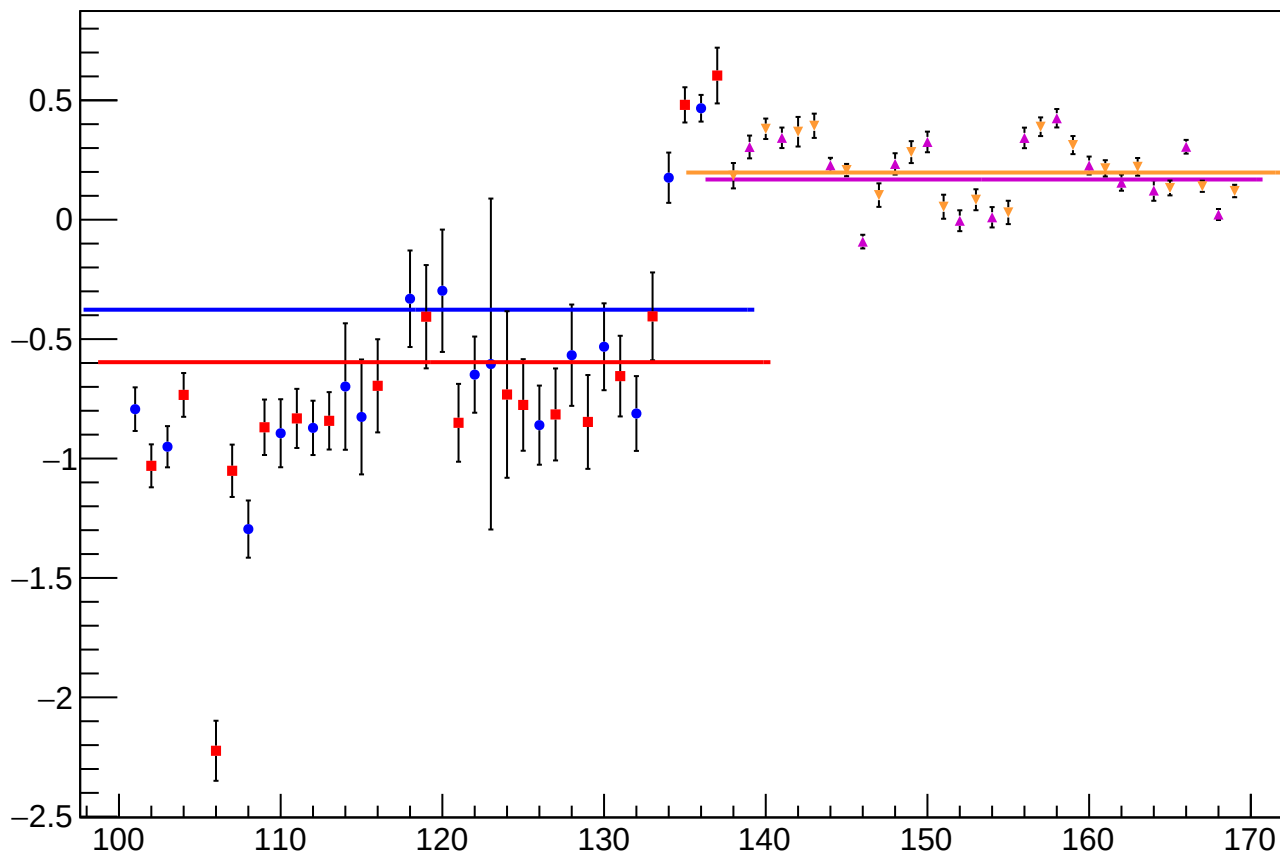
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 25.042 $\pm$ 0.185 χ^2 /NDF:1085.9/31

Out: 25.033 $\pm$ 0.181 χ^2 /NDF:905.7/34

All: 25.037 $\pm$ 0.129 χ^2 /NDF: 1991.6/66

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: 0.198 ± 0.009 $\chi^2/\text{NDF}: 127.7/16$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.168 ± 0.009 $\chi^2/\text{NDF}: 282.9/14$

Left: 0.183 ± 0.006 $\chi^2/\text{NDF}: 415.8/31$

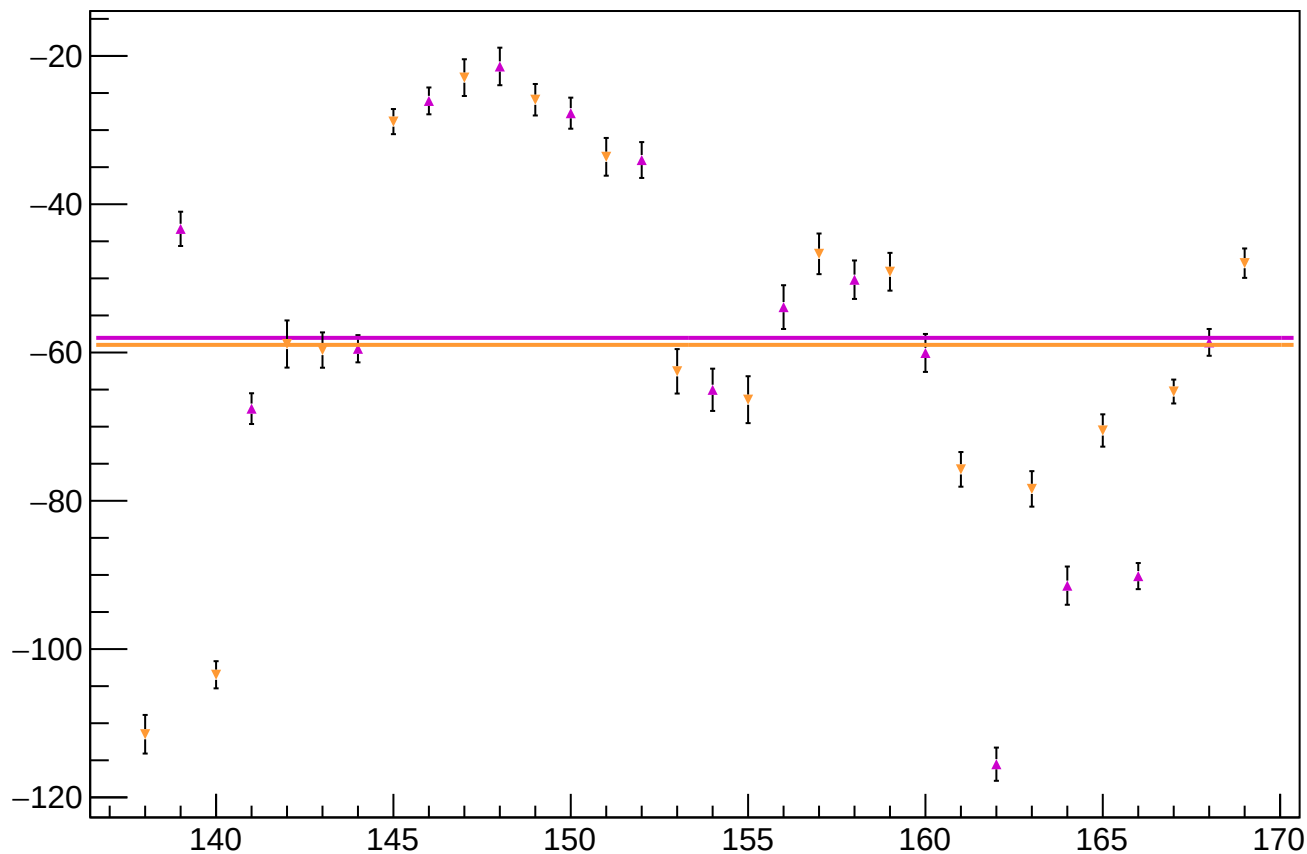
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.122 ± 0.009 $\chi^2/\text{NDF}: 1020.2/31$

Out: 0.134 ± 0.009 $\chi^2/\text{NDF}: 1313.1/34$

All: 0.128 ± 0.006 $\chi^2/\text{NDF}: 2334.2/66$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.969+/-0.549 χ^2/NDF : 2098.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -58.024+/-0.569 χ^2/NDF : 2068.6/14

Left: -58.513+/-0.395 χ^2/NDF : 4168.6/31

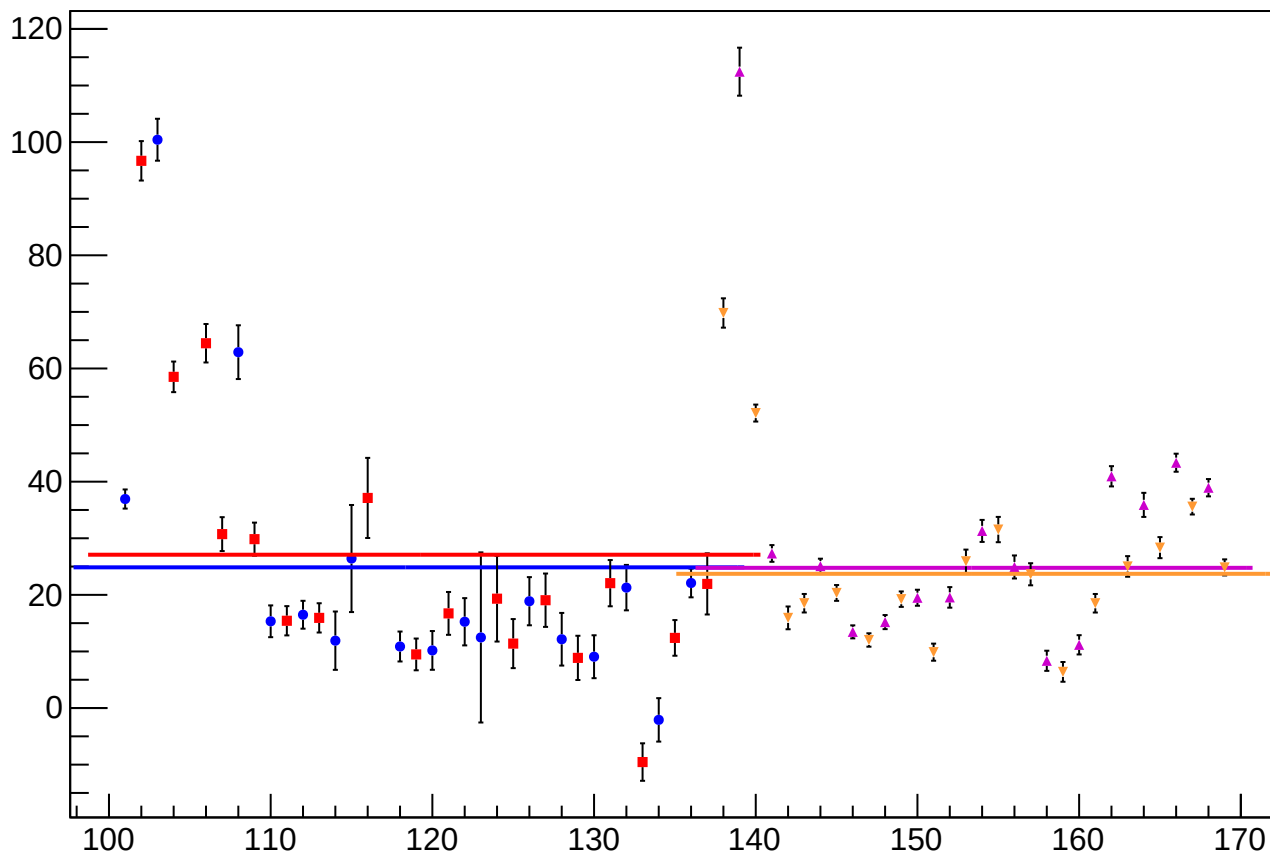
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -58.024+/-0.569 χ^2/NDF : 2068.6/14

Out: -58.969+/-0.549 χ^2/NDF : 2098.6/16

All: -58.513+/-0.395 χ^2/NDF : 4168.6/31

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: 23.718 $\pm$ 0.395 χ^2 /NDF:1100.8/16

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 24.776 $\pm$ 0.415 χ^2 /NDF:1099.0/14

Left: 24.221 $\pm$ 0.286 χ^2 /NDF: 2203.1/31

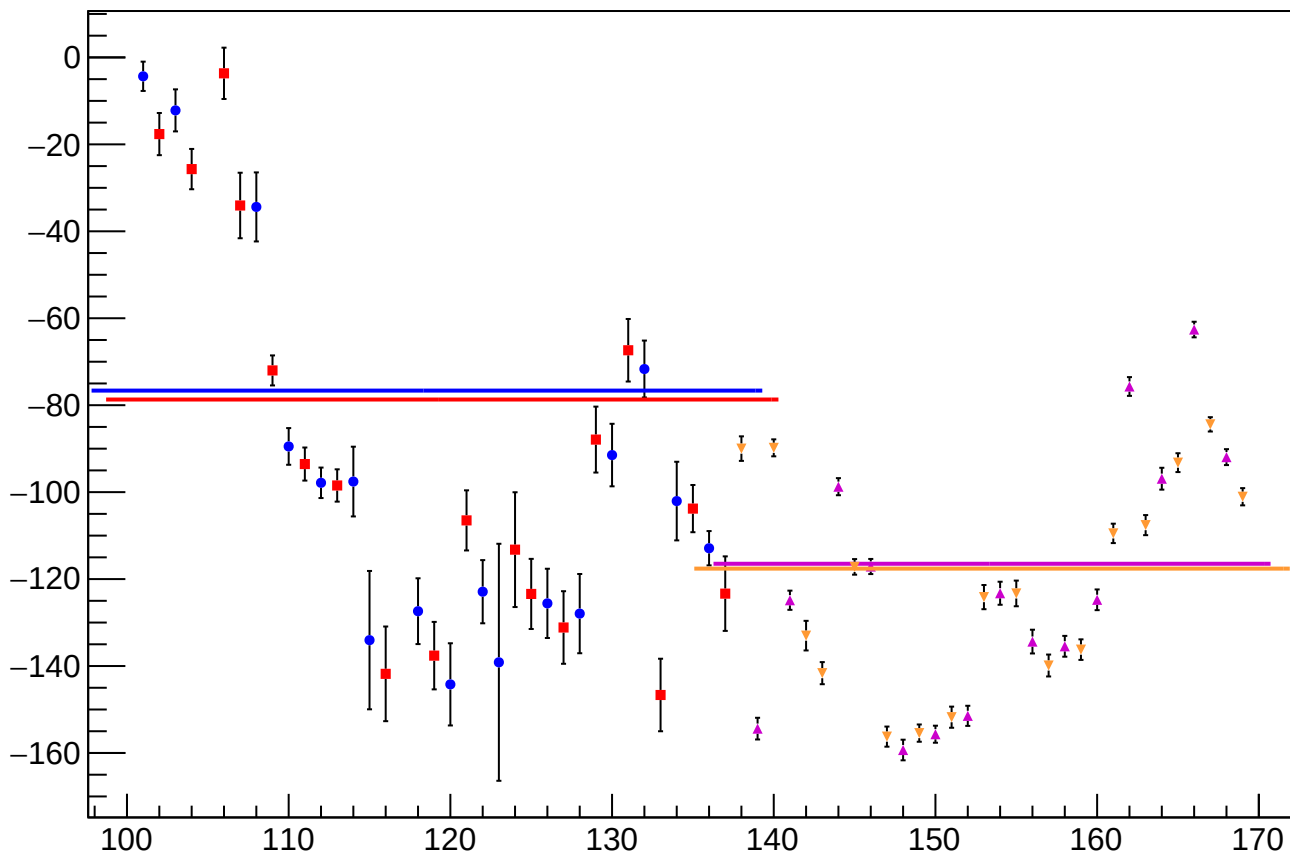
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 24.794 $\pm$ 0.368 χ^2 /NDF:1790.0/31

Out: 24.363 $\pm$ 0.355 χ^2 /NDF:2045.7/34

All: 24.571 $\pm$ 0.256 χ^2 /NDF: 3836.4/66

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 $\pm$ 1.415 χ^2 /NDF: 1040.7/16

Left Out: -117.592 $\pm$ 0.546 χ^2 /NDF:2030.4/16

Right Out: -78.695 $\pm$ 1.360 χ^2 /NDF: 836.5/17

Left In: -116.475 $\pm$ 0.560 χ^2 /NDF:2905.2/14

Left: -117.047 $\pm$ 0.391 χ^2 /NDF: 4937.7/31

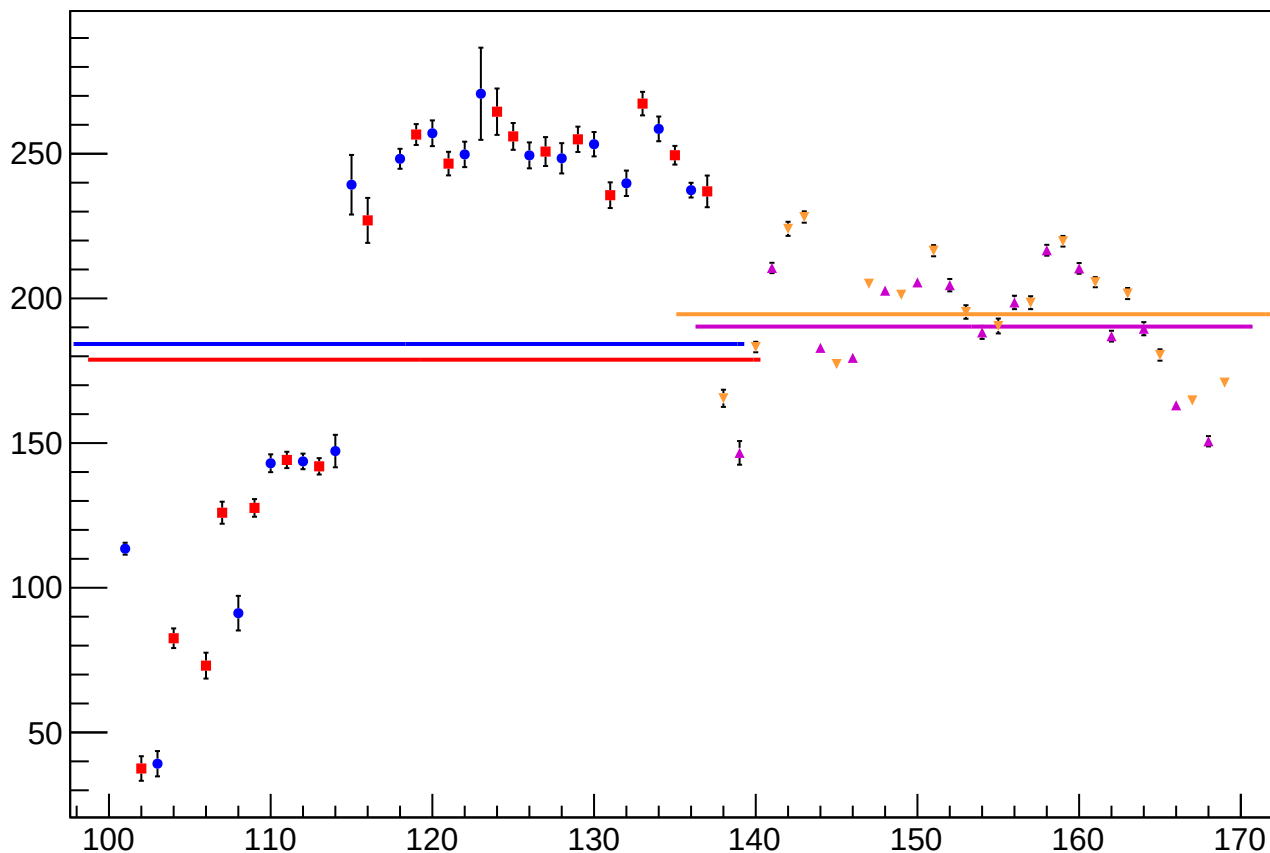
Right: -77.709 $\pm$ 0.980 χ^2 /NDF: 1878.3/34

In: -111.080 $\pm$ 0.521 χ^2 /NDF:4631.3/31

Out: -112.191 $\pm$ 0.507 χ^2 /NDF:3571.4/34

All: -111.651 $\pm$ 0.363 χ^2 /NDF: 8205.0/66

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 194.535 $\pm$ 0.458 χ^2 /NDF:1783.8/16

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 190.261 $\pm$ 0.482 χ^2 /NDF:1589.4/14

Left: 192.507 $\pm$ 0.332 χ^2 /NDF: 3414.6/31

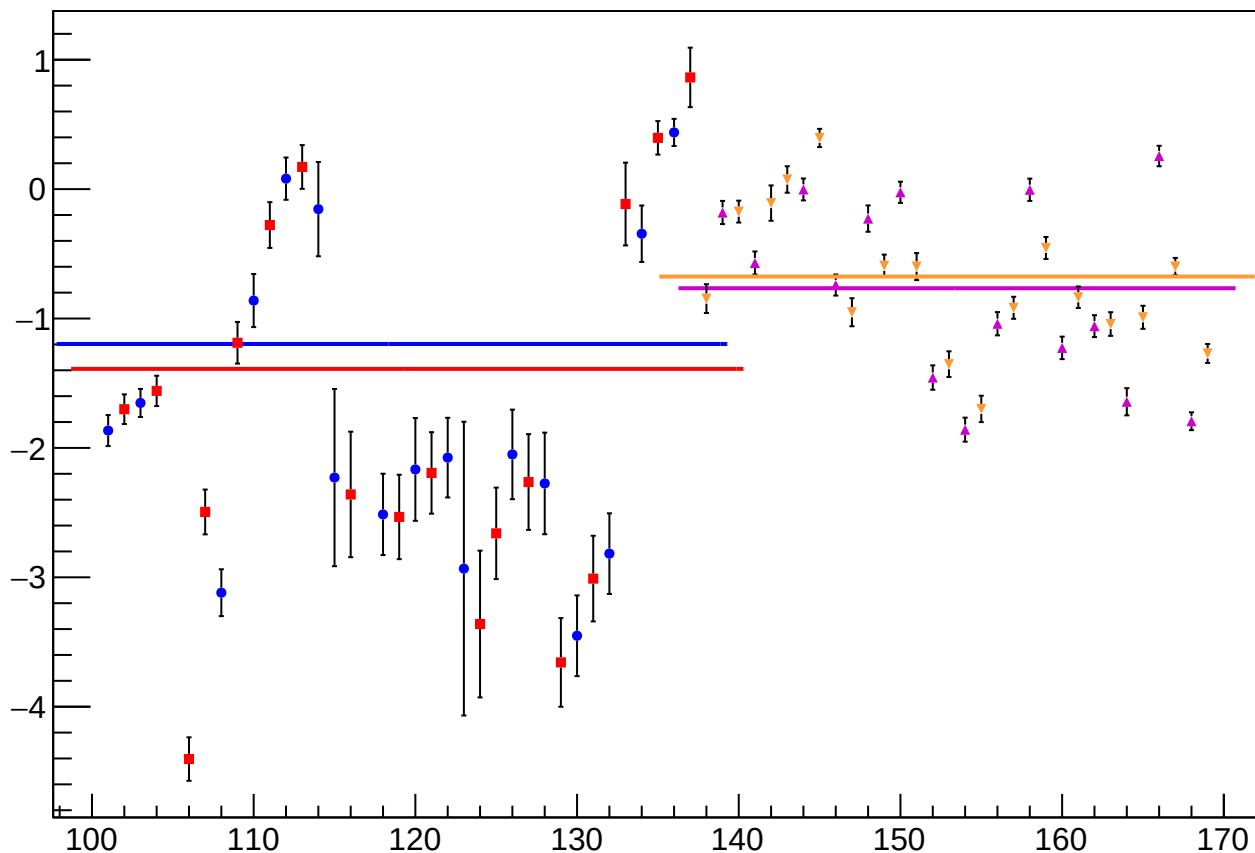
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 188.955 $\pm$ 0.427 χ^2 /NDF:7011.8/31

Out: 191.445 $\pm$ 0.411 χ^2 /NDF:8186.3/34

All: 190.247 $\pm$ 0.296 χ^2 /NDF: 15215.7/66

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.676 ± 0.022 χ^2/NDF : 609.9/16

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.766 ± 0.022 χ^2/NDF : 1018.0/14

Left: -0.719 ± 0.015 χ^2/NDF : 1636.3/31

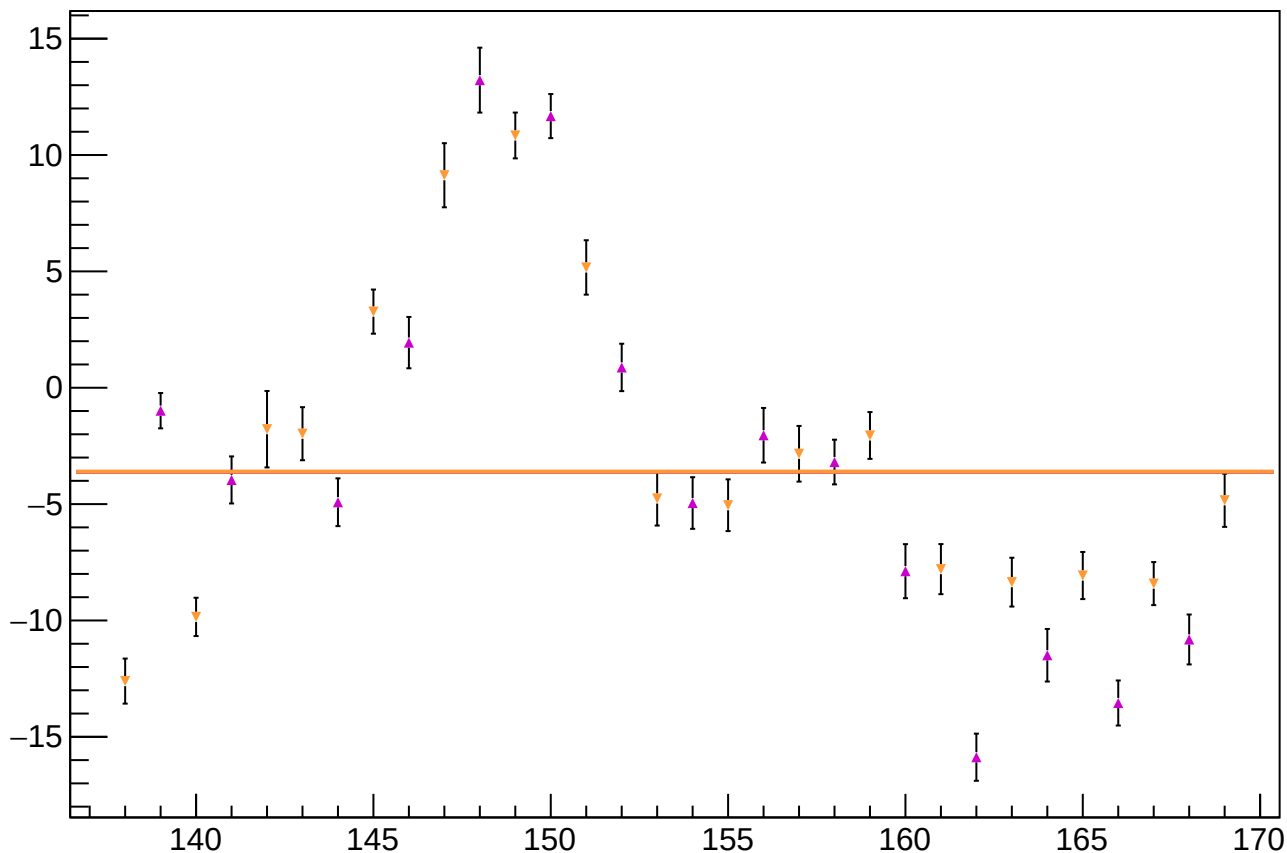
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.842 ± 0.020 χ^2/NDF : 1705.5/31

Out: -0.804 ± 0.019 χ^2/NDF : 1728.9/34

All: -0.822 ± 0.014 χ^2/NDF : 3436.3/66

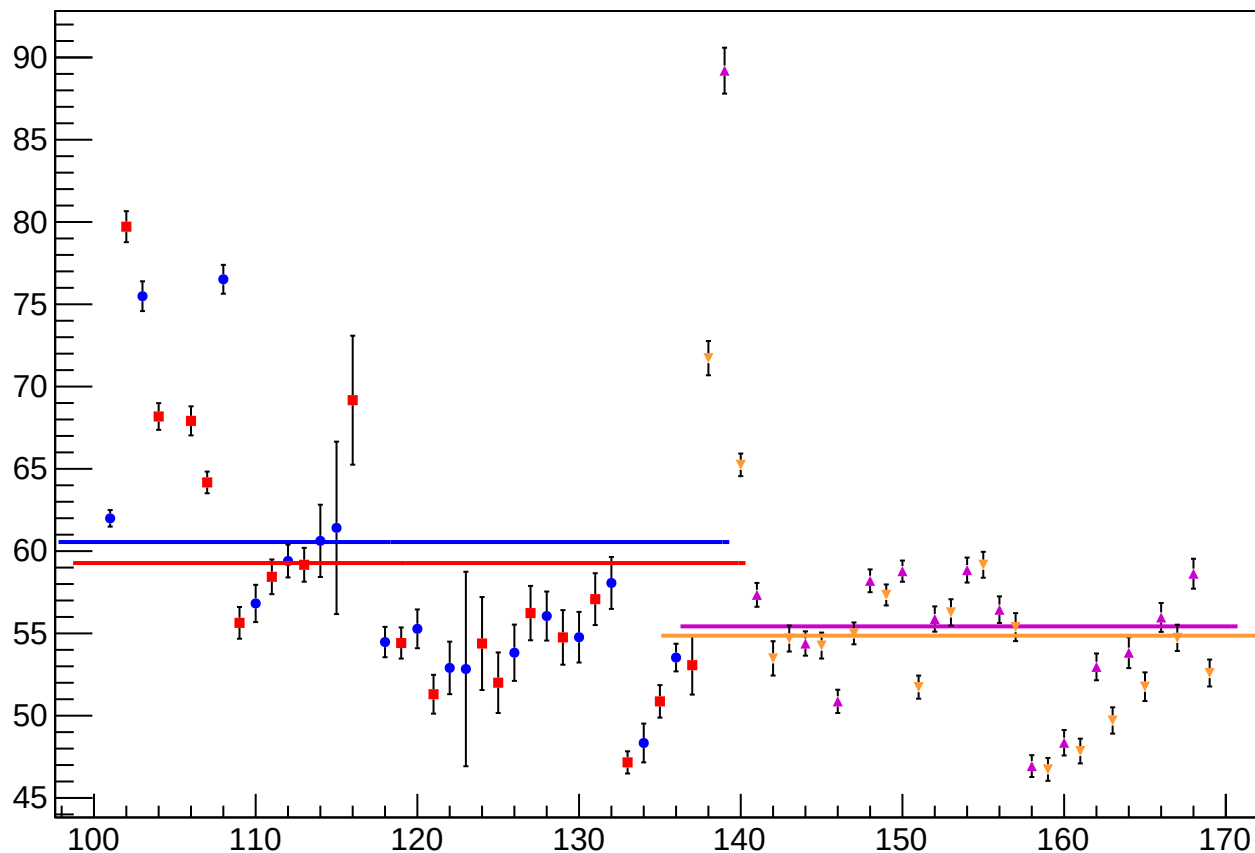
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.606+/-0.258 χ^2/NDF : 645.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.618+/-0.266 χ^2/NDF : 827.0/14

Left: -3.612+/-0.185 χ^2/NDF : 1472.8/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.618+/-0.266 χ^2/NDF : 827.0/14
 Out: -3.606+/-0.258 χ^2/NDF : 645.8/16
 All: -3.612+/-0.185 χ^2/NDF : 1472.8/31

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: 54.861 ± 0.188 $\chi^2/\text{NDF}: 847.7/16$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.427 ± 0.201 $\chi^2/\text{NDF}: 972.9/14$

Left: 55.126 ± 0.137 $\chi^2/\text{NDF}: 1824.8/31$

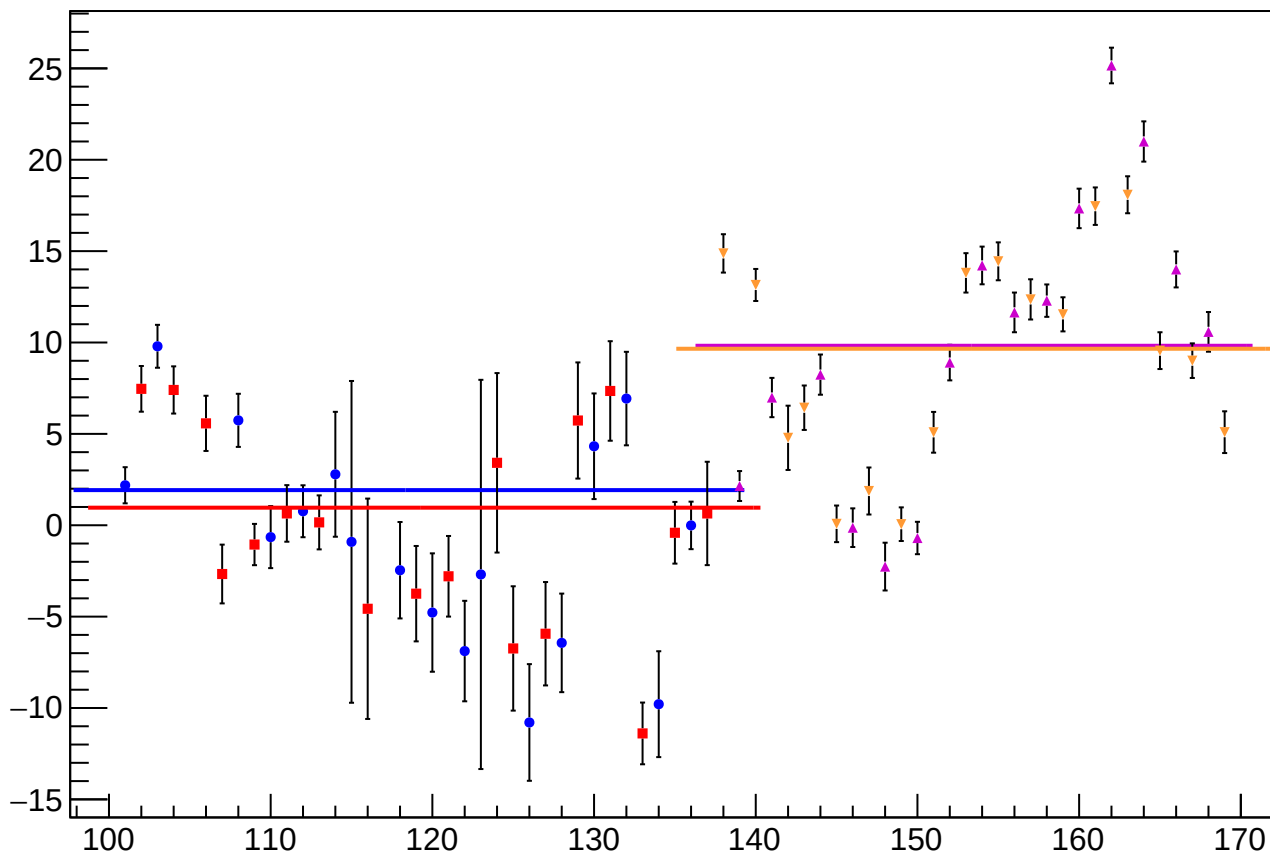
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.327 ± 0.159 $\chi^2/\text{NDF}: 2145.1/31$

Out: 56.466 ± 0.150 $\chi^2/\text{NDF}: 2322.7/34$

All: 56.871 ± 0.109 $\chi^2/\text{NDF}: 4483.3/66$

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: 9.658 ± 0.255 $\chi^2/\text{NDF}: 498.8/16$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 9.822 ± 0.261 $\chi^2/\text{NDF}: 858.4/14$

Left: 9.738 ± 0.183 $\chi^2/\text{NDF}: 1357.4/31$

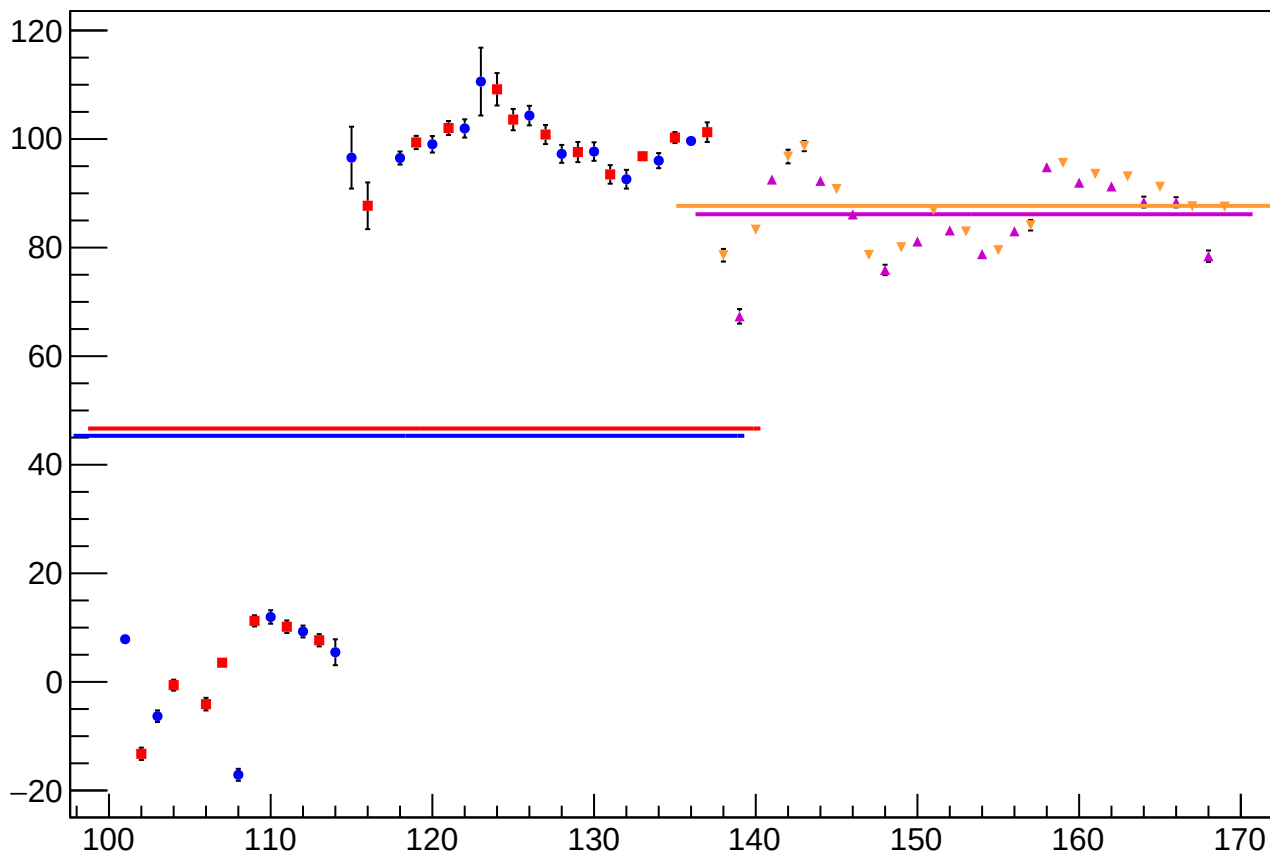
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 7.885 ± 0.227 $\chi^2/\text{NDF}: 1203.7/31$

Out: 7.390 ± 0.219 $\chi^2/\text{NDF}: 951.7/34$

All: 7.629 ± 0.158 $\chi^2/\text{NDF}: 2157.9/66$

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: 87.689 $\pm$ 0.216 χ^2 /NDF:837.4/16

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.143 $\pm$ 0.229 χ^2 /NDF:854.8/14

Left: 86.962 $\pm$ 0.157 χ^2 /NDF: 1716.2/31

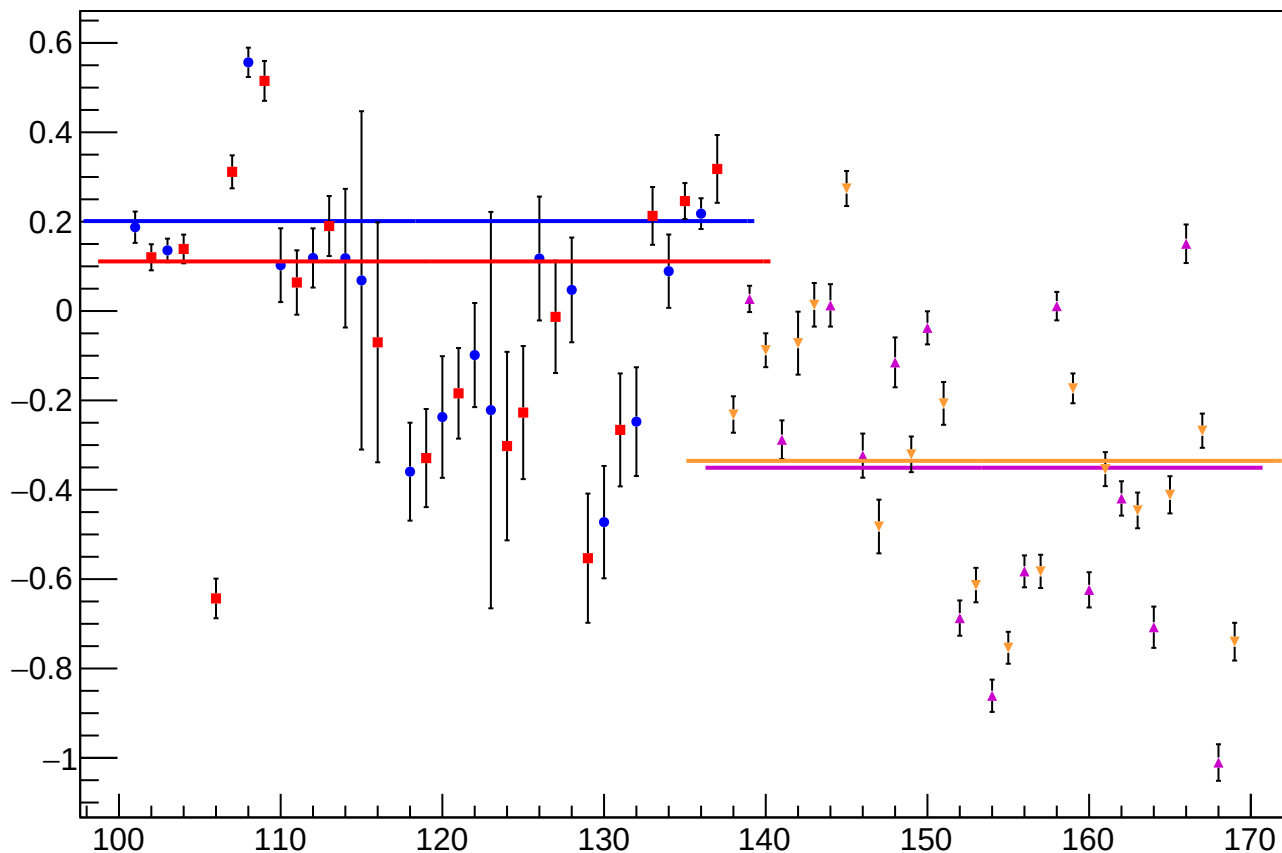
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 71.305 $\pm$ 0.183 χ^2 /NDF:37362.5/31

Out: 73.078 $\pm$ 0.174 χ^2 /NDF:41544.4/34

All: 72.239 $\pm$ 0.126 χ^2 /NDF: 78956.3/66

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.335 ± 0.010 χ^2/NDF : 731.9/16

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.351 ± 0.010 χ^2/NDF : 1264.9/14

Left: -0.343 ± 0.007 χ^2/NDF : 1998.1/31

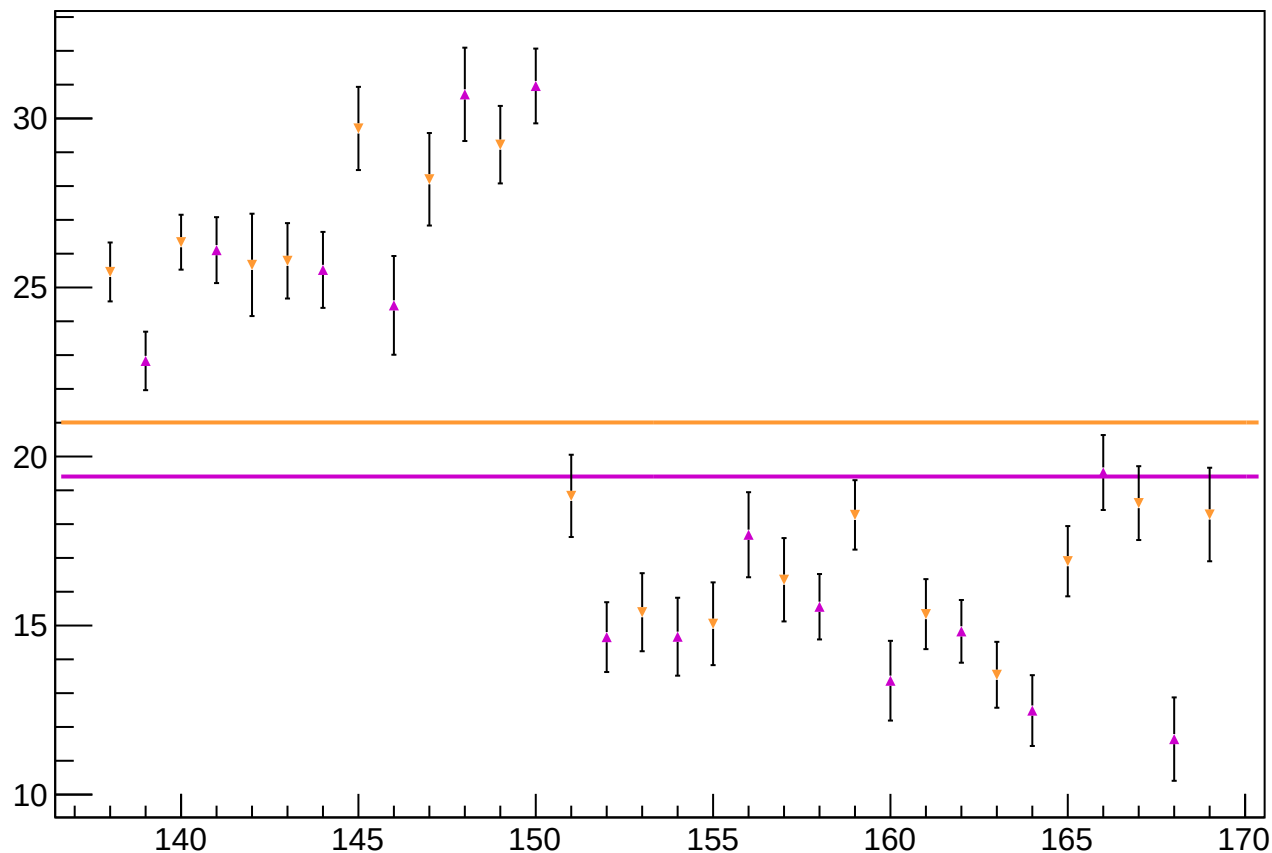
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.161 ± 0.008 χ^2/NDF : 2496.8/31

Out: -0.173 ± 0.008 χ^2/NDF : 1953.2/34

All: -0.167 ± 0.006 χ^2/NDF : 4451.1/66

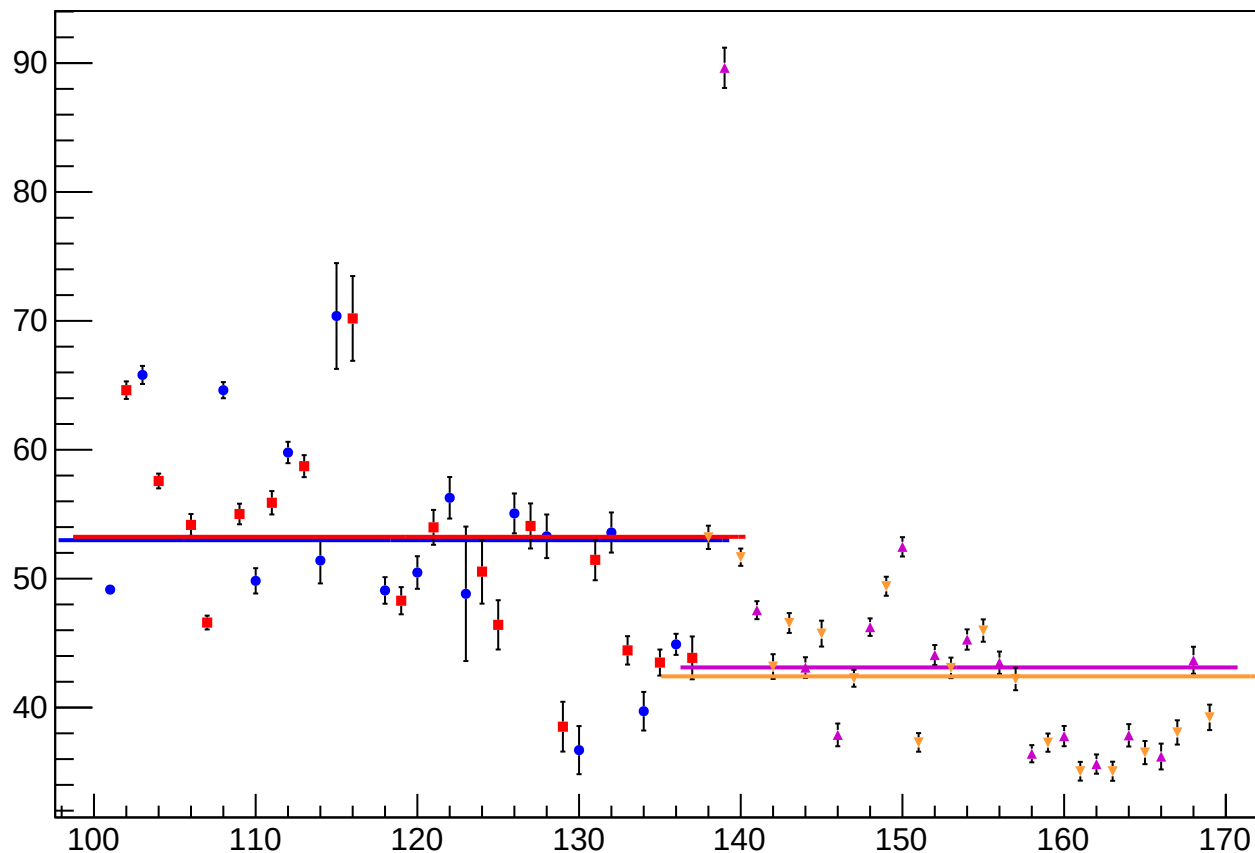
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.007+/-0.267 χ^2/NDF :410.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.408+/-0.281 χ^2/NDF :470.4/14

Left: 20.248+/-0.194 χ^2/NDF : 898.1/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.408+/-0.281 χ^2/NDF :470.4/14
 Out: 21.007+/-0.267 χ^2/NDF :410.7/16
 All: 20.248+/-0.194 χ^2/NDF : 898.1/31

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: 42.420 $\pm$ 0.194 χ^2 /NDF: 860.0/16

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 43.113 $\pm$ 0.210 χ^2 /NDF: 1480.3/14

Left: 42.740 $\pm$ 0.142 χ^2 /NDF: 2346.2/31

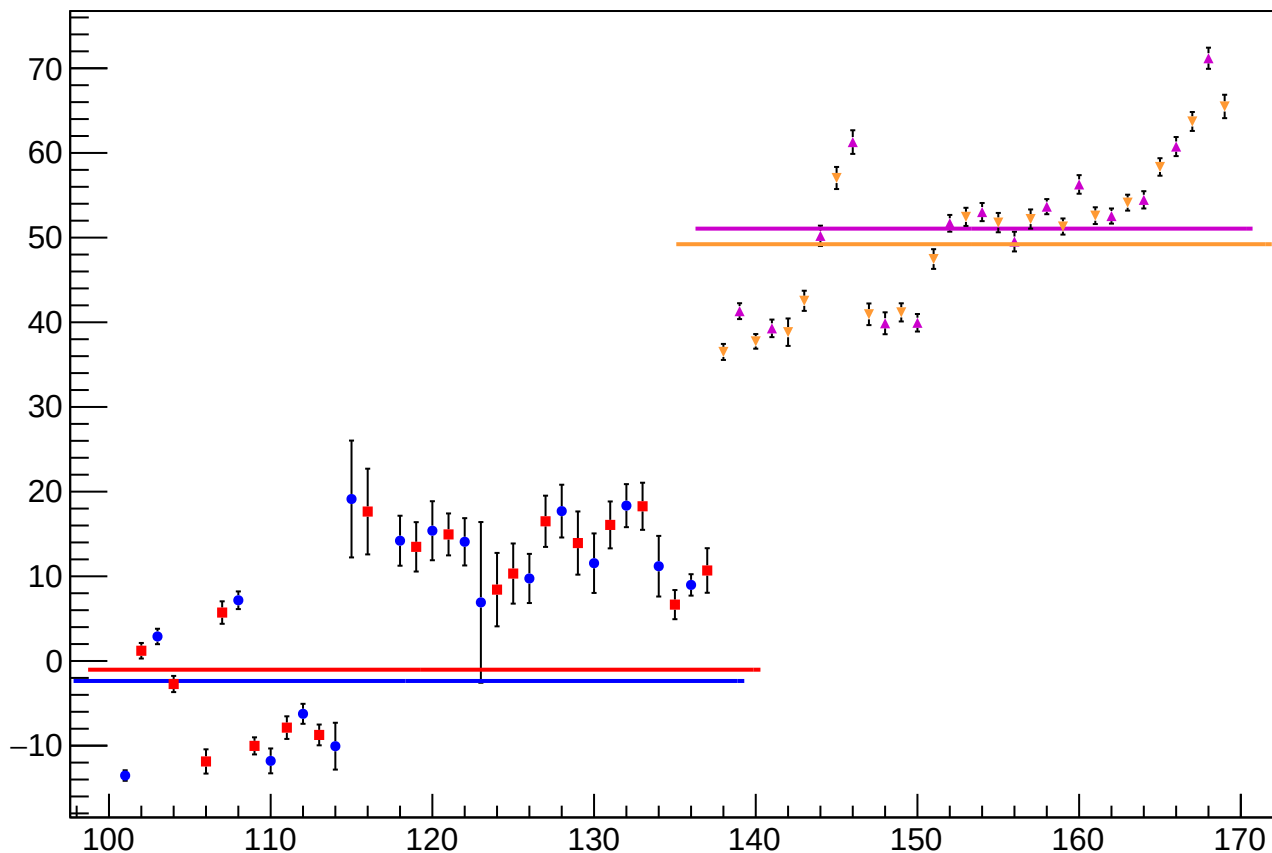
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 48.033 $\pm$ 0.148 χ^2 /NDF: 3783.3/31

Out: 46.976 $\pm$ 0.147 χ^2 /NDF: 3029.9/34

All: 47.501 $\pm$ 0.105 χ^2 /NDF: 6838.7/66

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 49.221 ± 0.265 χ^2/NDF : 1015.7/16

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 51.060 ± 0.276 χ^2/NDF : 865.7/14

Left: 50.103 ± 0.191 χ^2/NDF : 1904.6/31

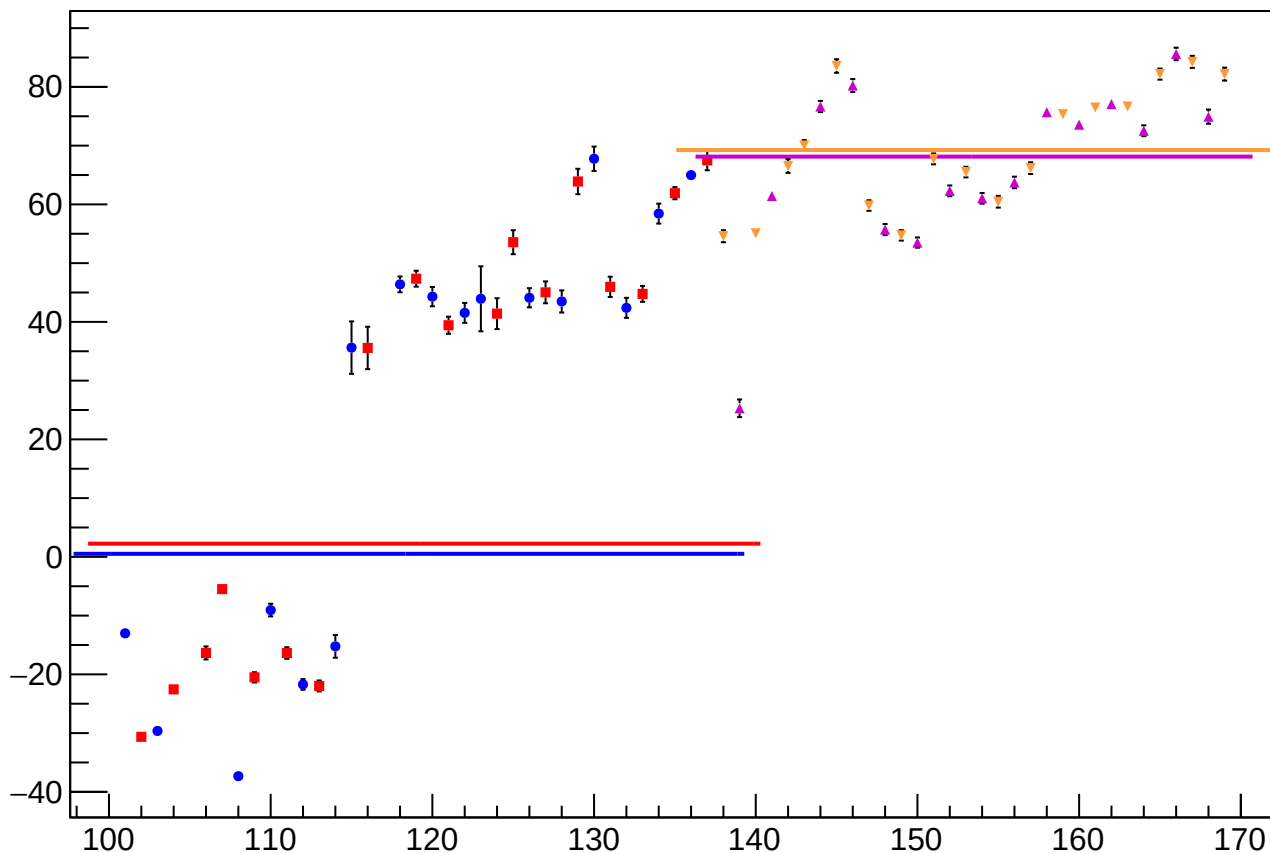
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 31.605 ± 0.220 χ^2/NDF : 15387.5/31

Out: 32.828 ± 0.217 χ^2/NDF : 13289.2/34

All: 32.223 ± 0.154 χ^2/NDF : 28692.4/66

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 69.246+/-0.223 χ^2/NDF :1935.2/16

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 68.131+/-0.239 χ^2/NDF :2262.9/14

Left: 68.727+/-0.163 χ^2/NDF : 4209.7/31

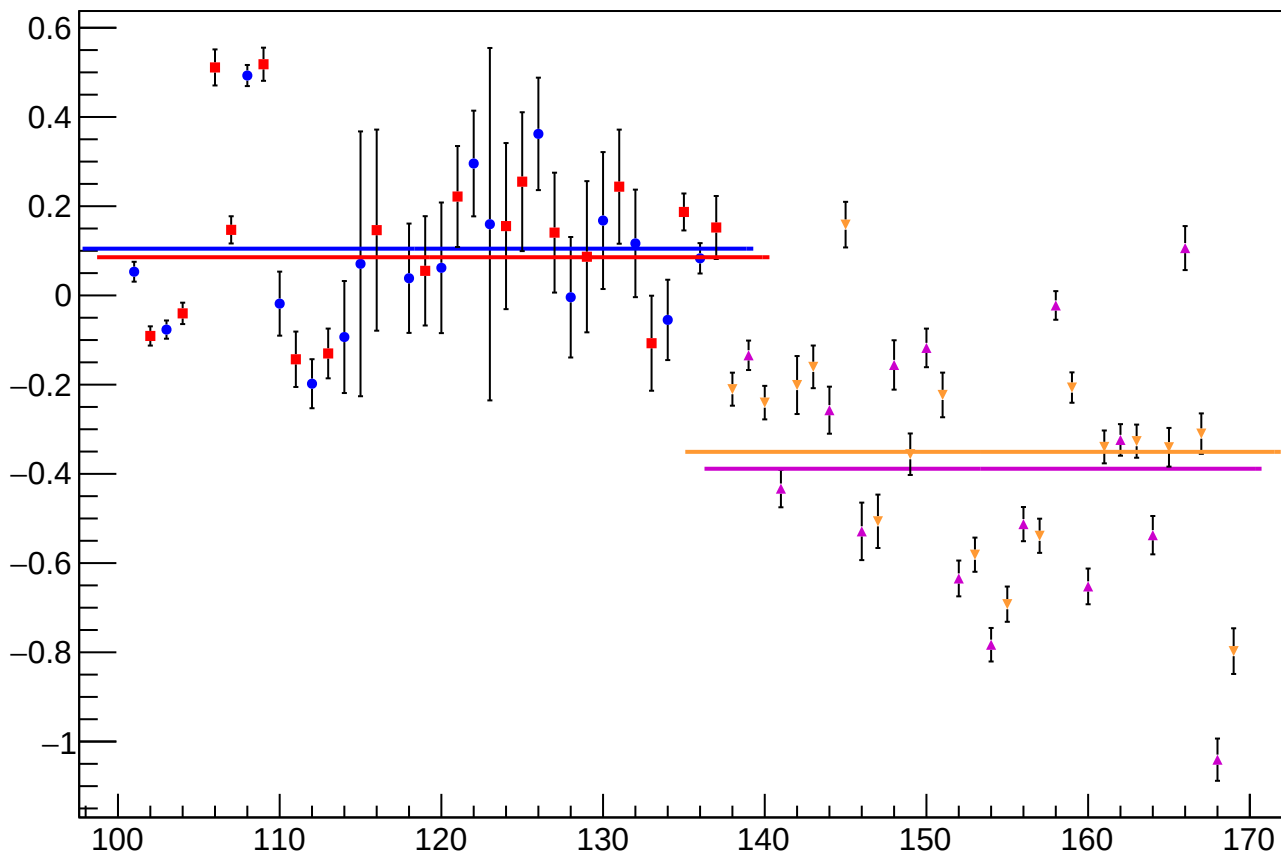
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 35.365+/-0.172 χ^2/NDF :59291.1/31

Out: 41.710+/-0.171 χ^2/NDF :54289.8/34

All: 38.546+/-0.121 χ^2/NDF : 114263.8/66

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: -0.351 ± 0.010 $\chi^2/\text{NDF}: 387.1/16$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.389 ± 0.011 $\chi^2/\text{NDF}: 765.5/14$

Left: -0.369 ± 0.007 $\chi^2/\text{NDF}: 1159.1/31$

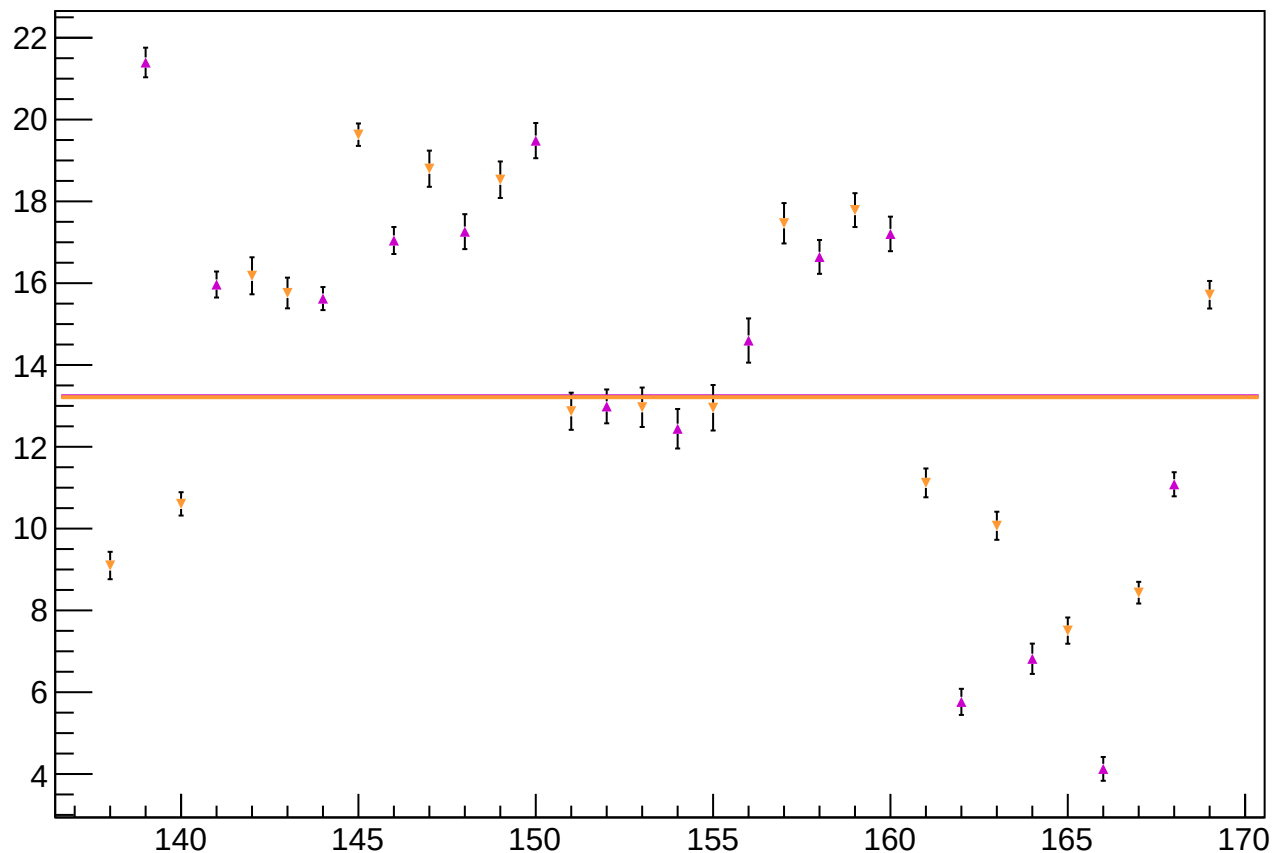
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.150 ± 0.008 $\chi^2/\text{NDF}: 2197.4/31$

Out: -0.148 ± 0.008 $\chi^2/\text{NDF}: 1604.1/34$

All: -0.149 ± 0.005 $\chi^2/\text{NDF}: 3801.5/66$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 13.213 $\pm$ 0.088 χ^2 /NDF:2187.7/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 13.234 $\pm$ 0.093 χ^2 /NDF:3131.3/14

Left: 13.223 $\pm$ 0.064 χ^2 /NDF: 5319.0/31

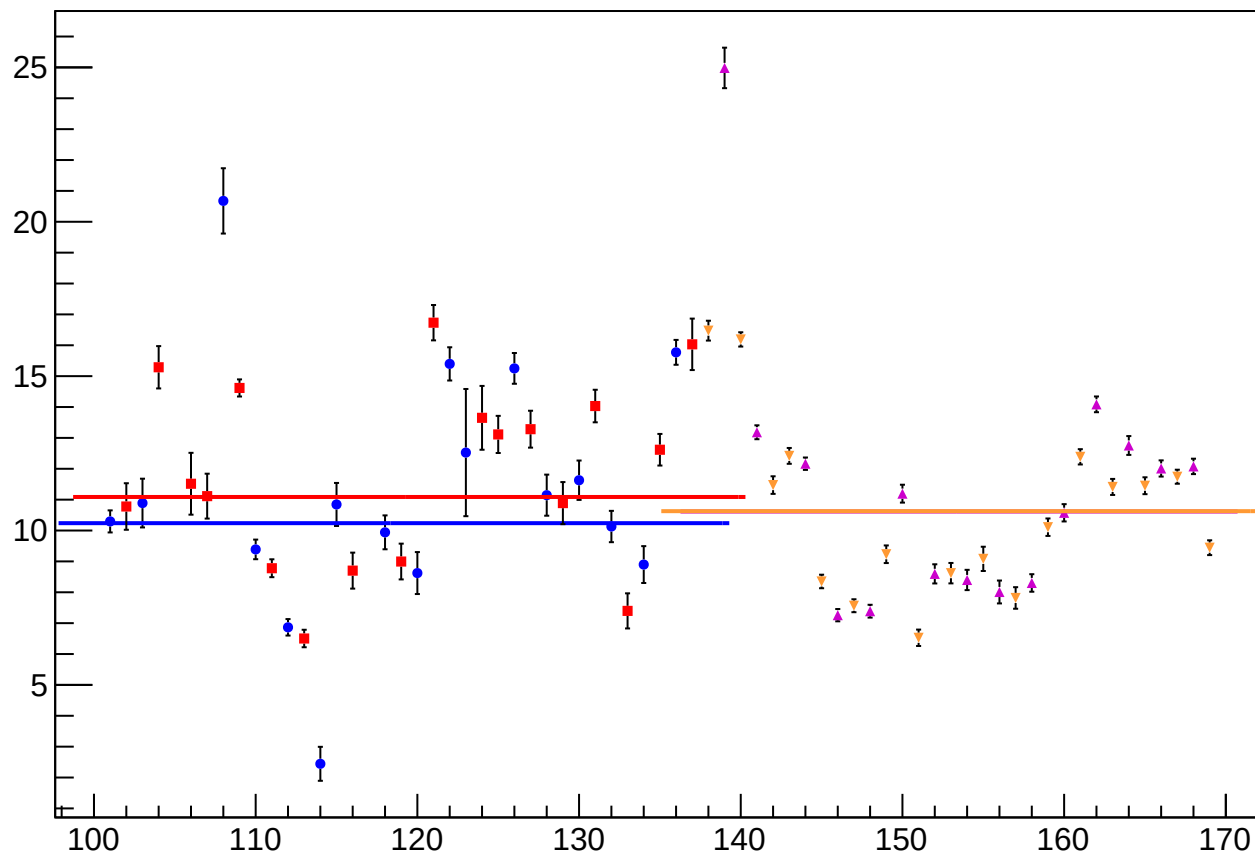
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 13.234 $\pm$ 0.093 χ^2 /NDF:3131.3/14

Out: 13.213 $\pm$ 0.088 χ^2 /NDF:2187.7/16

All: 13.223 $\pm$ 0.064 χ^2 /NDF: 5319.0/31

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2/NDF : 867.4/16

Left Out: 10.627 $\pm$ 0.064 χ^2/NDF :1787.3/16

Right Out: 11.087 $\pm$ 0.116 χ^2/NDF : 801.0/17

Left In: 10.615 $\pm$ 0.068 χ^2/NDF :1700.4/14

Left: 10.621 $\pm$ 0.047 χ^2/NDF : 3487.7/31

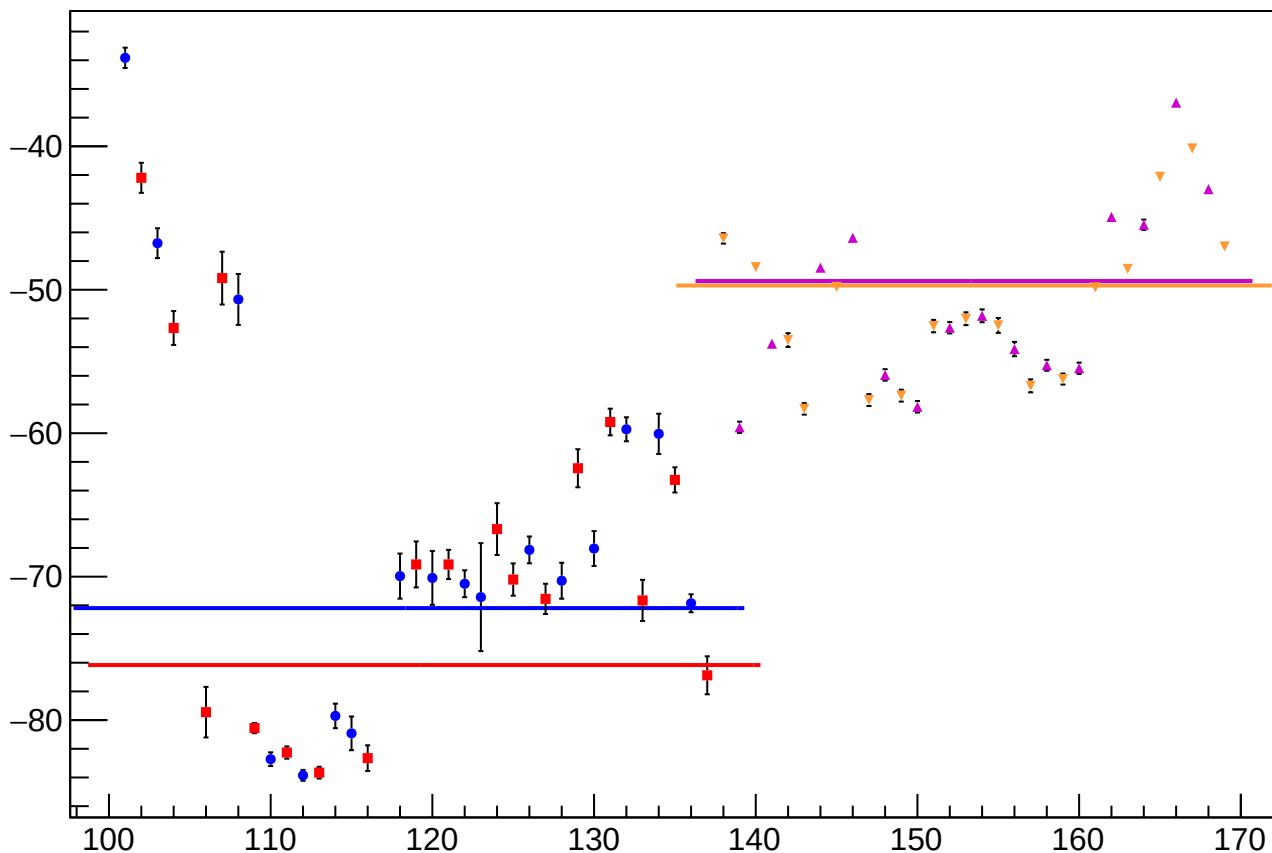
Right: 10.672 $\pm$ 0.083 χ^2/NDF : 1694.4/34

In: 10.523 $\pm$ 0.059 χ^2/NDF :2575.4/31

Out: 10.734 $\pm$ 0.056 χ^2/NDF :2600.2/34

All: 10.634 $\pm$ 0.041 χ^2/NDF : 5182.4/66

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: -49.704 ± 0.088 $\chi^2/\text{NDF}: 3845.5/16$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -49.390 ± 0.092 $\chi^2/\text{NDF}: 4900.1/14$

Left: -49.553 ± 0.064 $\chi^2/\text{NDF}: 8751.7/31$

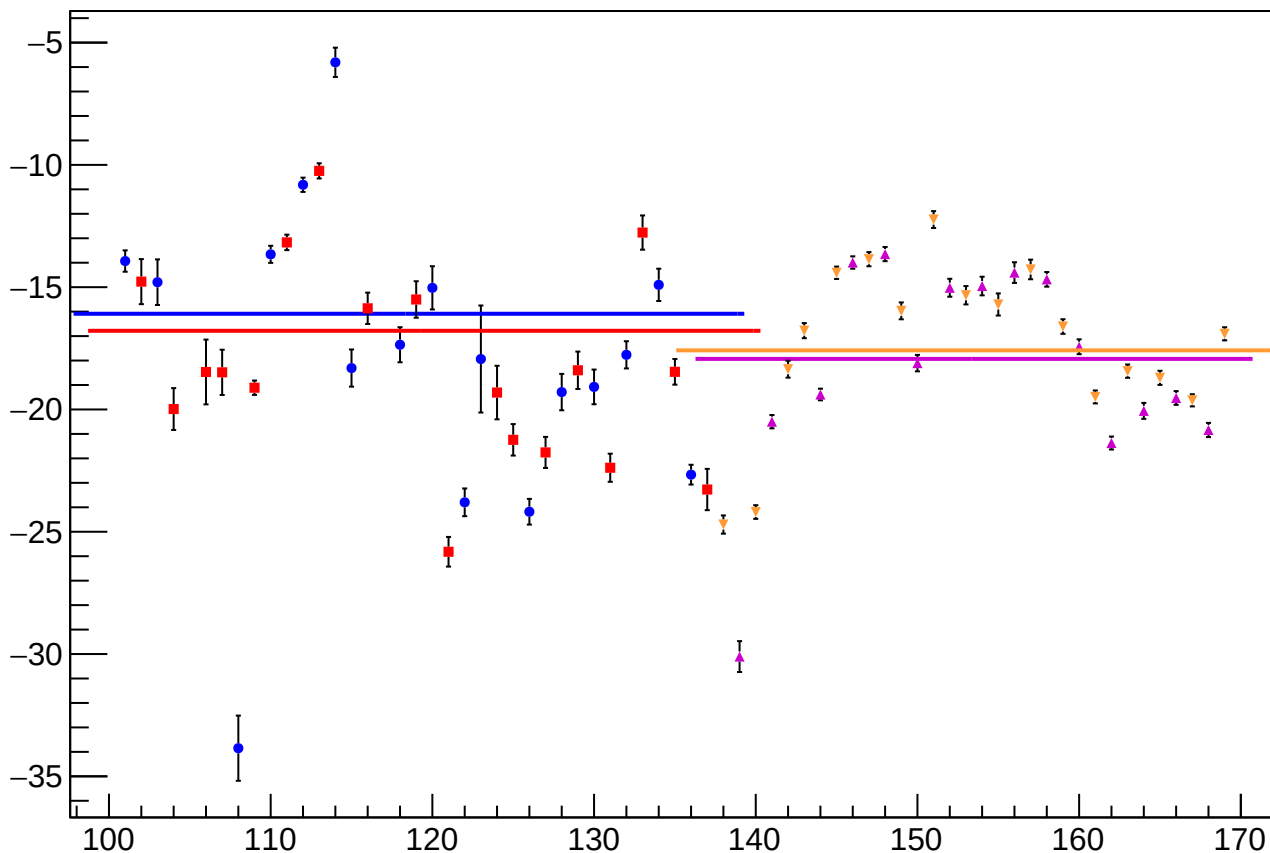
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -53.434 ± 0.083 $\chi^2/\text{NDF}: 21358.5/31$

Out: -54.786 ± 0.079 $\chi^2/\text{NDF}: 24286.6/34$

All: -54.143 ± 0.058 $\chi^2/\text{NDF}: 45783.0/66$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -17.583 ± 0.074 $\chi^2/\text{NDF}: 1803.9/16$

Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$

Left In: -17.932 ± 0.079 $\chi^2/\text{NDF}: 1615.6/14$

Left: -17.746 ± 0.054 $\chi^2/\text{NDF}: 3429.9/31$

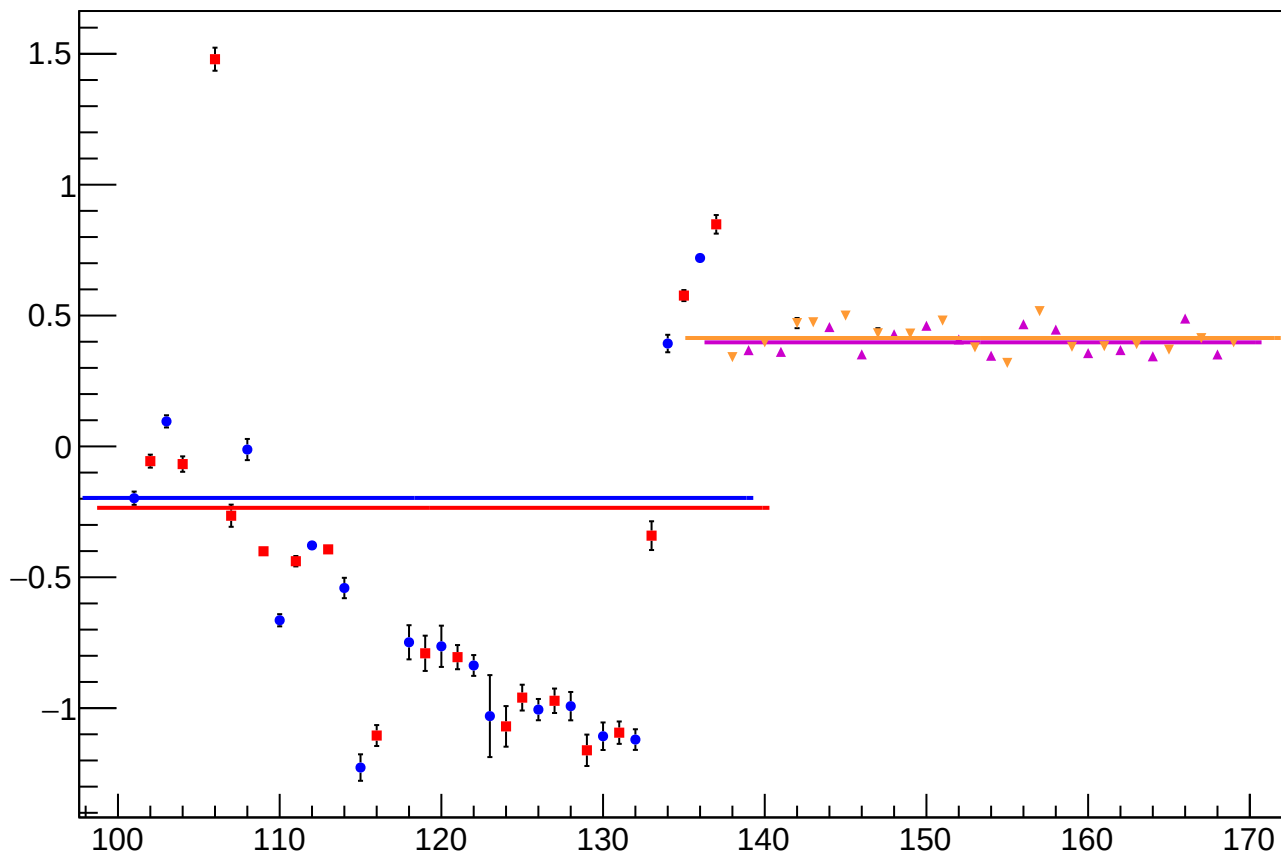
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -17.447 ± 0.068 $\chi^2/\text{NDF}: 3380.5/31$

Out: -17.383 ± 0.064 $\chi^2/\text{NDF}: 3037.5/34$

All: -17.413 ± 0.047 $\chi^2/\text{NDF}: 6418.4/66$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.414 ± 0.003 χ^2/NDF : 226.2/16

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.398 ± 0.004 χ^2/NDF : 192.0/14

Left: 0.406 ± 0.003 χ^2/NDF : 429.0/31

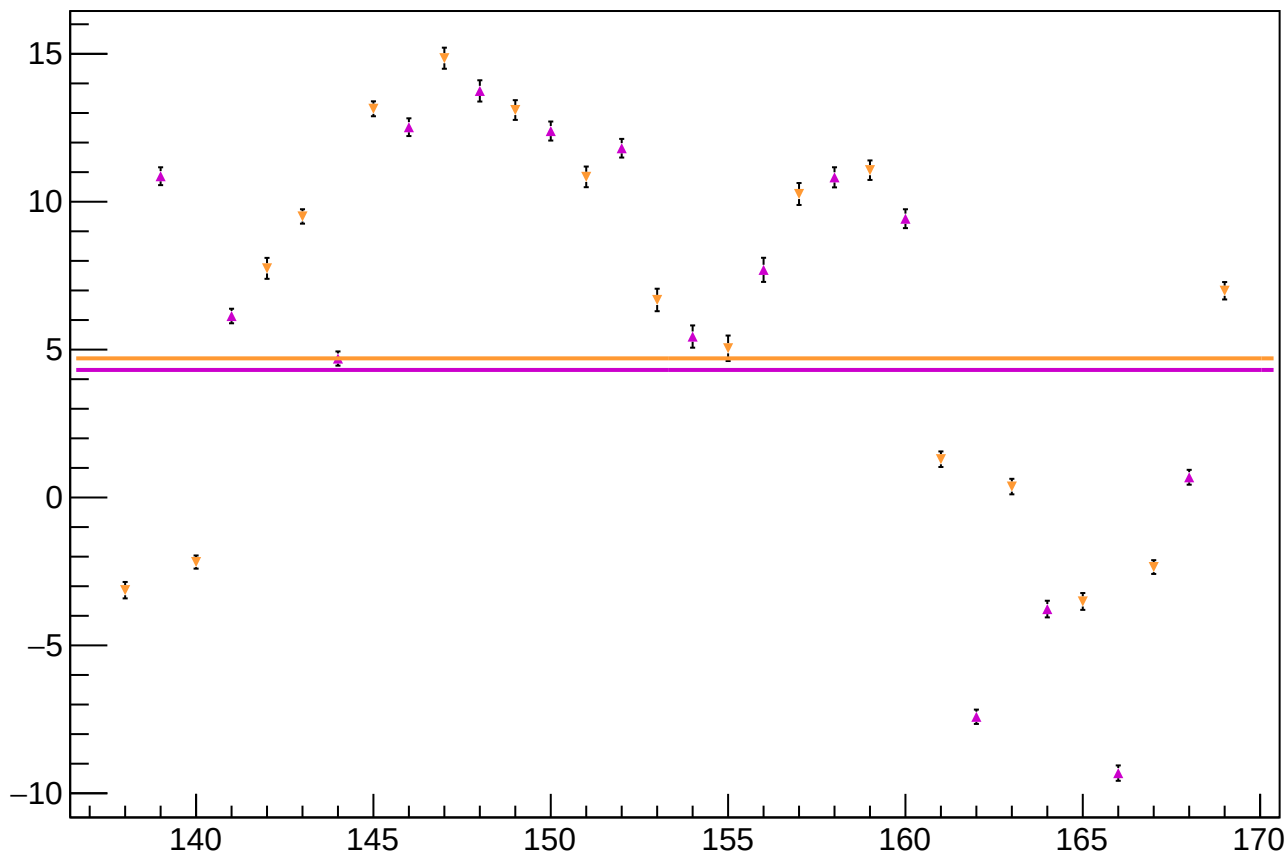
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.284 ± 0.003 χ^2/NDF : 11542.9/31

Out: 0.291 ± 0.003 χ^2/NDF : 13028.6/34

All: 0.288 ± 0.002 χ^2/NDF : 24573.4/66

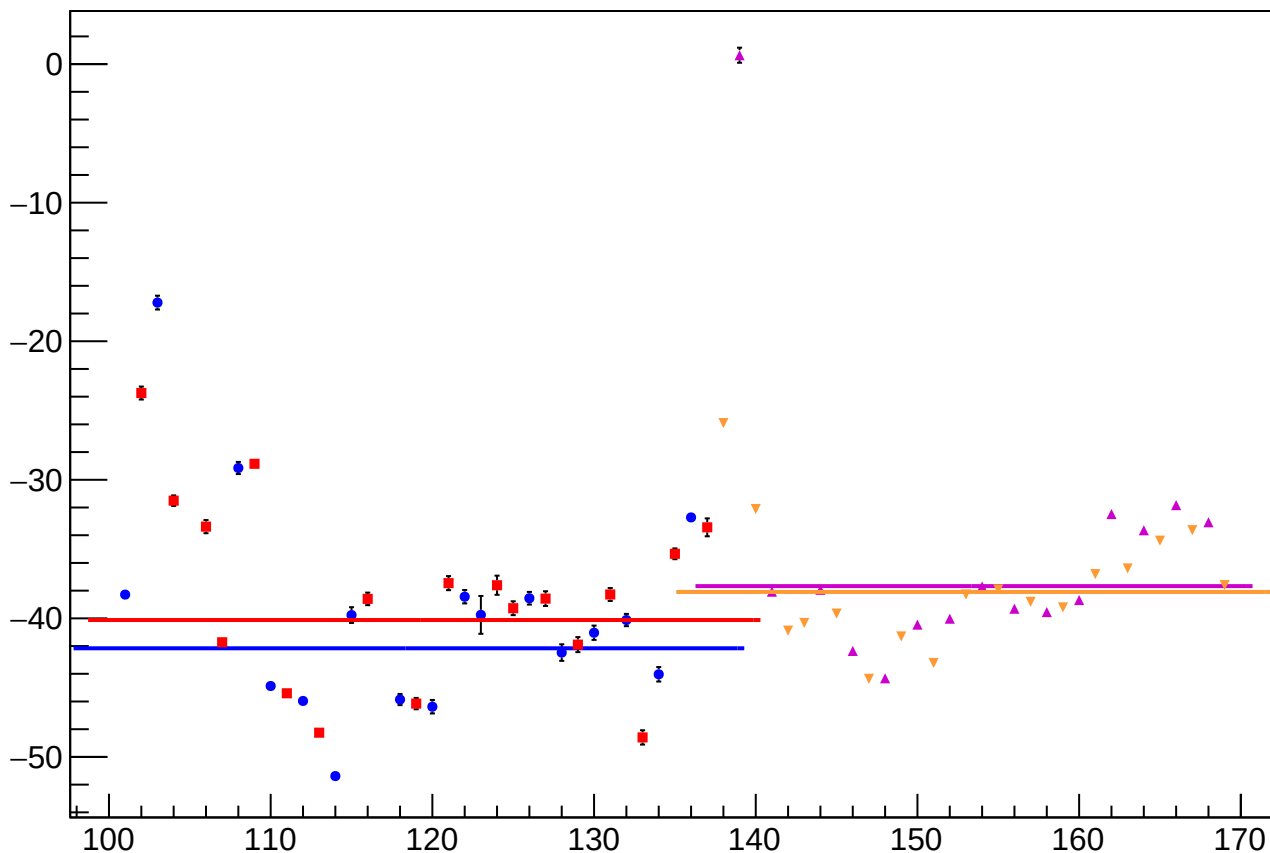
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.704 $\pm$ 0.071 χ^2 /NDF:7963.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.313 $\pm$ 0.076 χ^2 /NDF:9989.6/14

Left: 4.521 $\pm$ 0.052 χ^2 /NDF: 17967.4/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.313 $\pm$ 0.076 χ^2 /NDF:9989.6/14
 Out: 4.704 $\pm$ 0.071 χ^2 /NDF:7963.6/16
 All: 4.521 $\pm$ 0.052 χ^2 /NDF: 17967.4/31

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.093 ± 0.051 $\chi^2/\text{NDF}: 6631.0/16$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -37.672 ± 0.056 $\chi^2/\text{NDF}: 9511.4/14$

Left: -37.900 ± 0.038 $\chi^2/\text{NDF}: 16173.5/31$

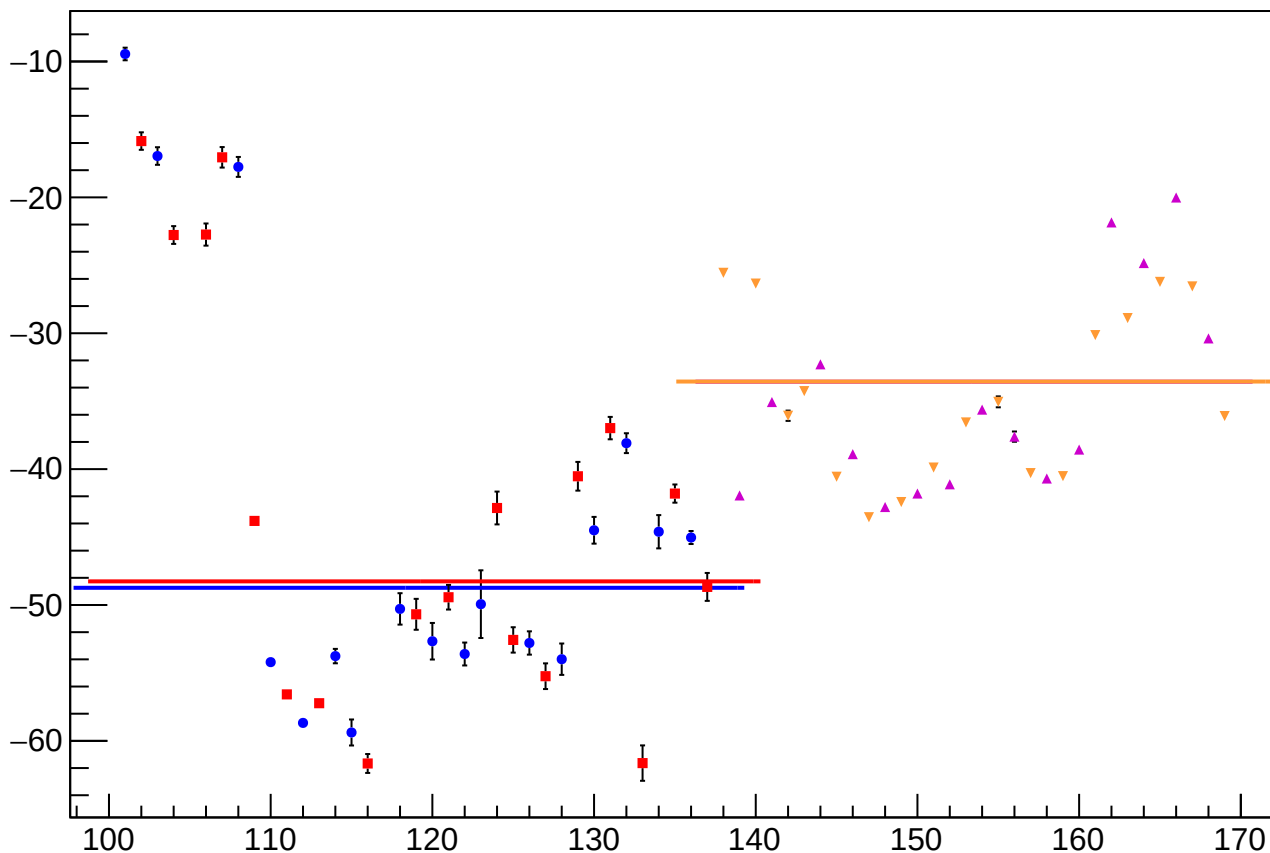
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -39.184 ± 0.045 $\chi^2/\text{NDF}: 18282.3/31$

Out: -38.762 ± 0.042 $\chi^2/\text{NDF}: 18034.1/34$

All: -38.957 ± 0.031 $\chi^2/\text{NDF}: 36363.2/66$

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: -33.555 ± 0.071 $\chi^2/\text{NDF}: 7560.5/16$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -33.566 ± 0.075 $\chi^2/\text{NDF}: 10445.4/14$

Left: -33.560 ± 0.051 $\chi^2/\text{NDF}: 18005.9/31$

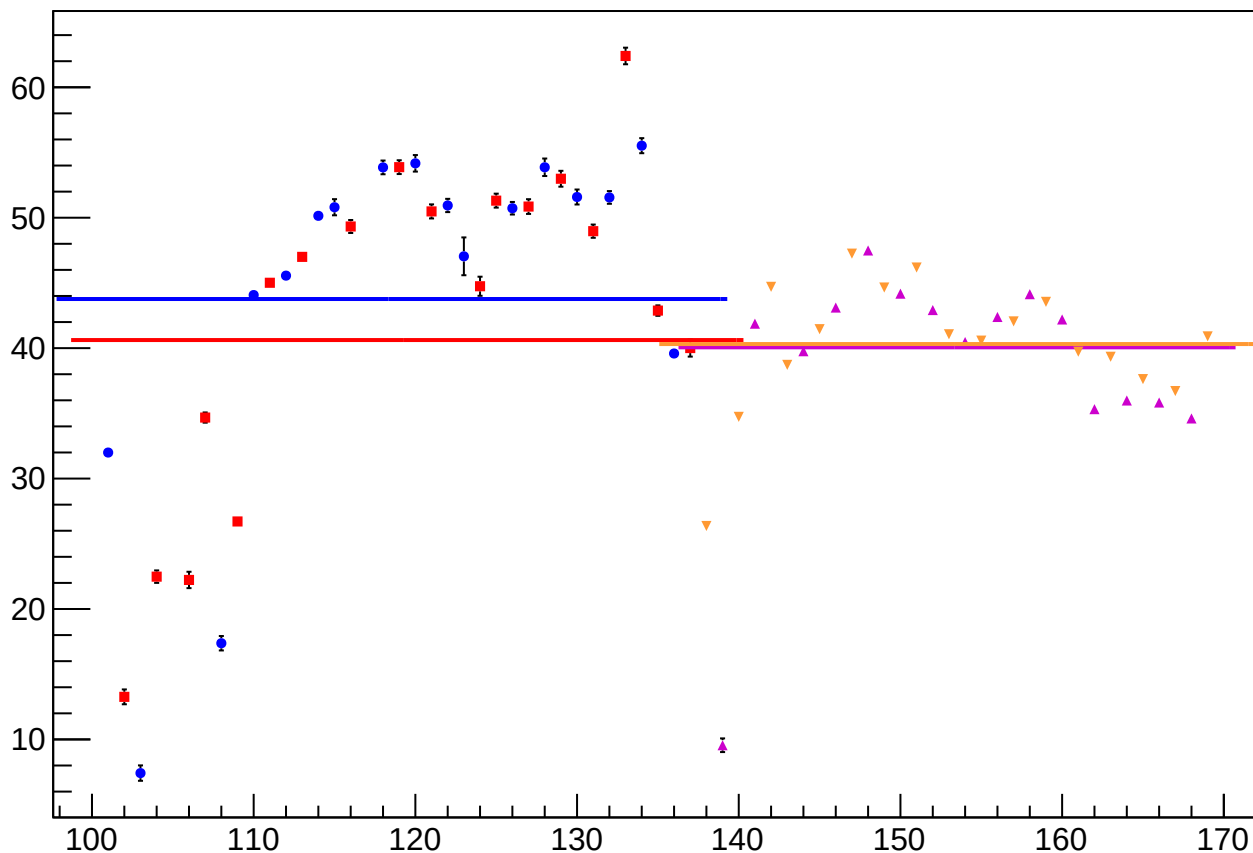
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -37.559 ± 0.064 $\chi^2/\text{NDF}: 36006.7/31$

Out: -38.011 ± 0.059 $\chi^2/\text{NDF}: 31710.9/34$

All: -37.803 ± 0.043 $\chi^2/\text{NDF}: 67744.6/66$

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: 40.314 $\pm$ 0.059 χ^2 /NDF: 5309.0/16

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 40.061 $\pm$ 0.064 χ^2 /NDF: 6928.8/14

Left: 40.198 $\pm$ 0.043 χ^2 /NDF: 12246.2/31

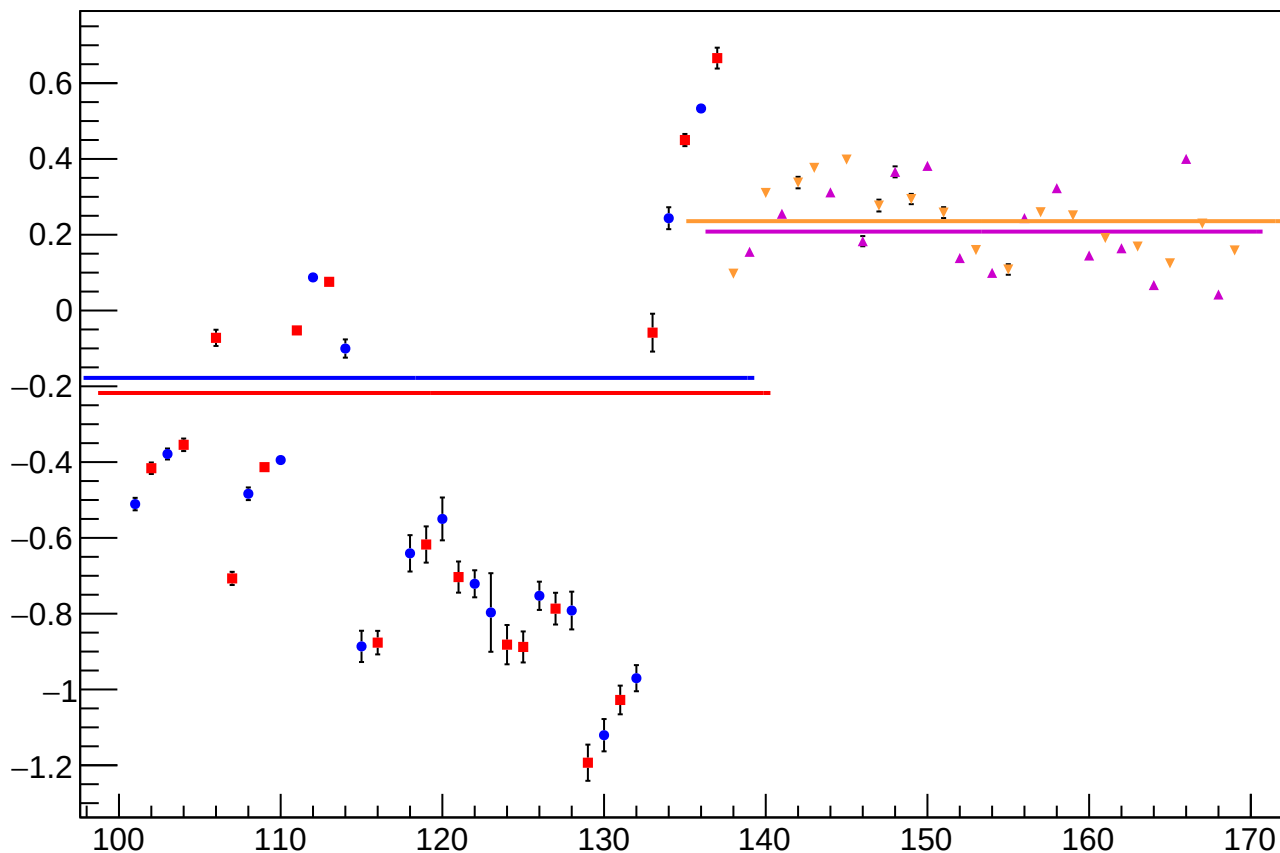
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 41.369 $\pm$ 0.052 χ^2 /NDF: 18741.5/31

Out: 40.422 $\pm$ 0.048 χ^2 /NDF: 22275.9/34

All: 40.858 $\pm$ 0.035 χ^2 /NDF: 41199.3/66

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178±/0.005 χ^2/NDF : 7364.4/16

Left Out: 0.236±/0.003 χ^2/NDF :1012.4/16

Right Out: -0.218±/0.004 χ^2/NDF : 7455.7/17

Left In: 0.208±/0.003 χ^2/NDF :1436.0/14

Left: 0.223±/0.002 χ^2/NDF : 2494.4/31

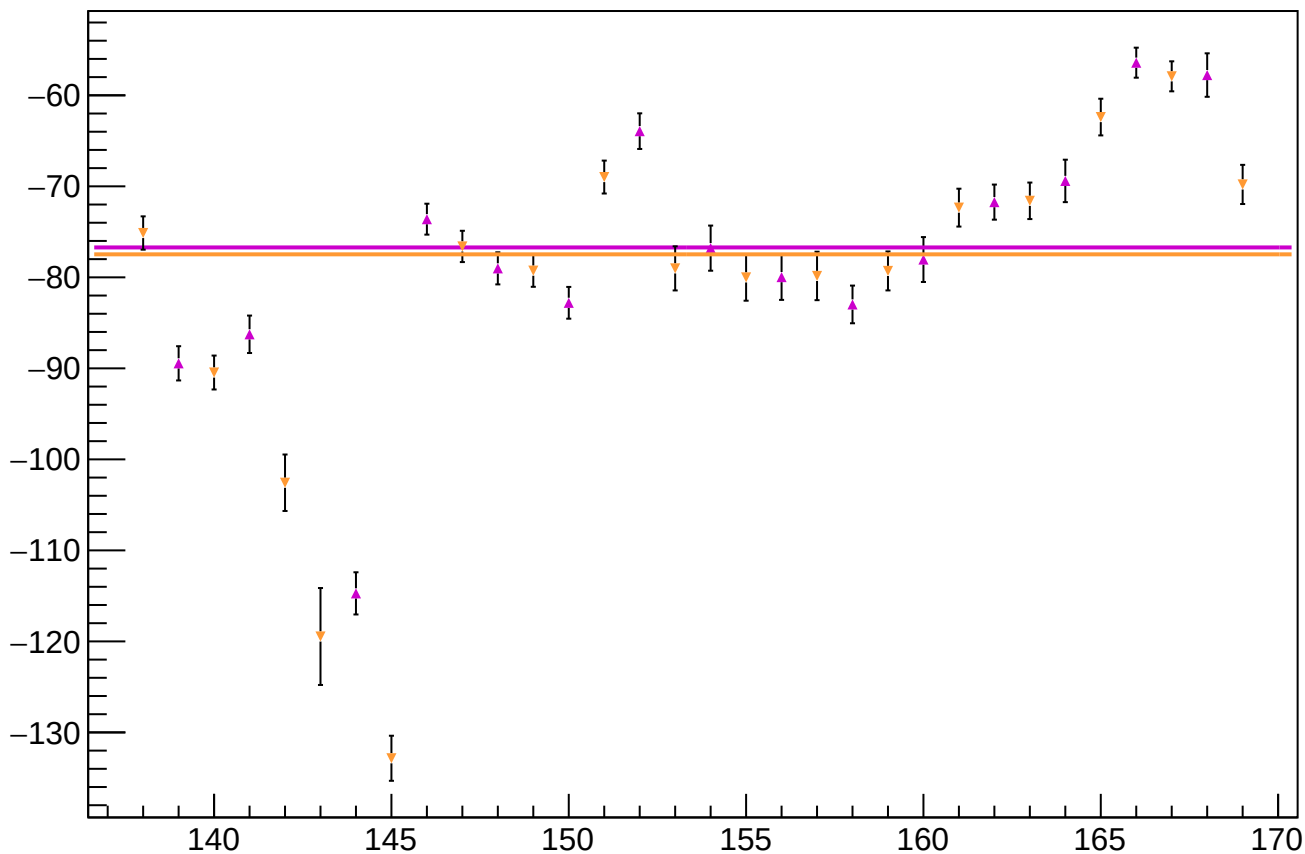
Right: -0.200±/0.003 χ^2/NDF : 14857.8/34

In: 0.104±/0.003 χ^2/NDF :13433.5/31

Out: 0.102±/0.002 χ^2/NDF :16252.5/34

All: 0.103±/0.002 χ^2/NDF : 29686.3/66

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -77.472+/-0.510 χ^2/NDF :928.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -76.714+/-0.521 χ^2/NDF :638.0/14

Left: -77.101+/-0.365 χ^2/NDF : 1567.6/31

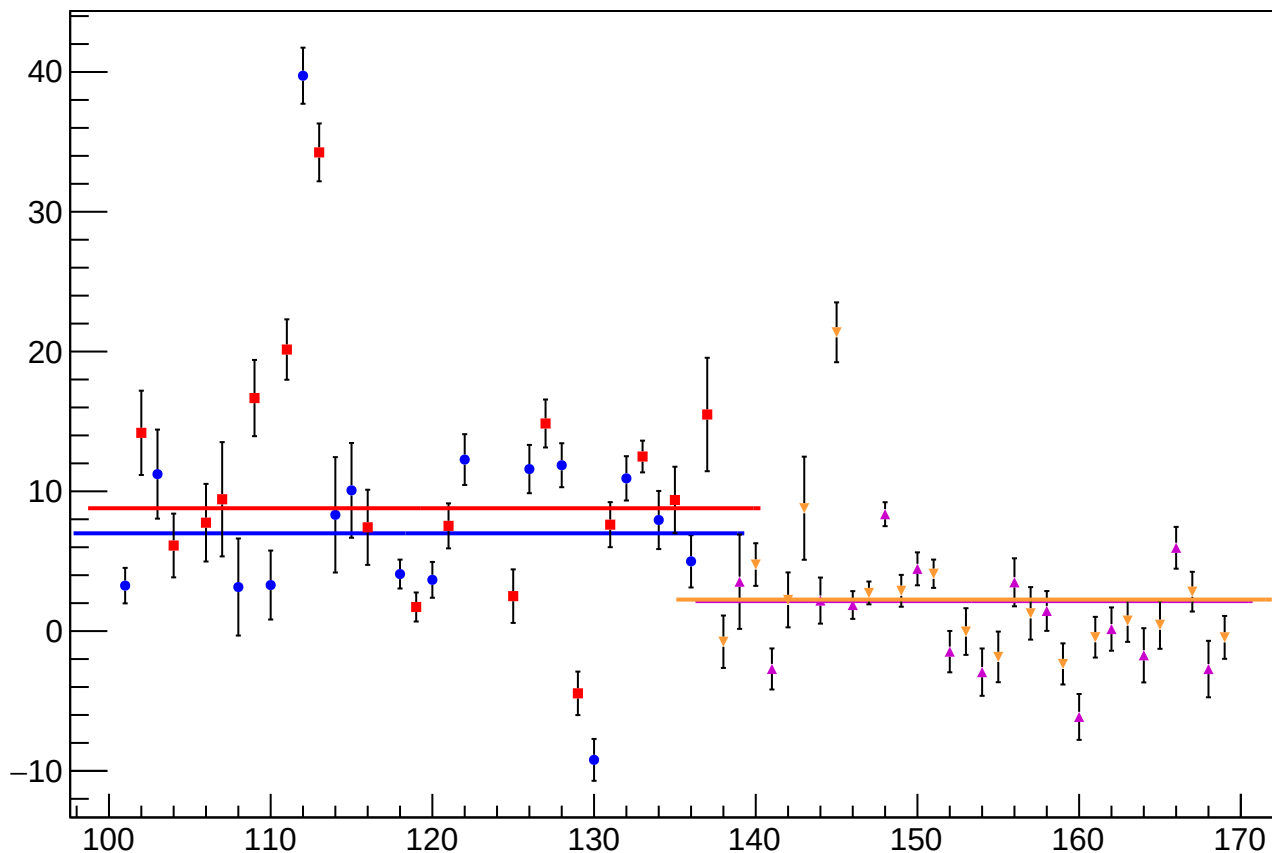
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.714+/-0.521 χ^2/NDF :638.0/14

Out: -77.472+/-0.510 χ^2/NDF :928.5/16

All: -77.101+/-0.365 χ^2/NDF : 1567.6/31

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: 2.255 ± 0.352 $\chi^2/\text{NDF}: 118.1/16$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 2.146 ± 0.367 $\chi^2/\text{NDF}: 127.1/14$

Left: 2.202 ± 0.254 $\chi^2/\text{NDF}: 245.2/31$

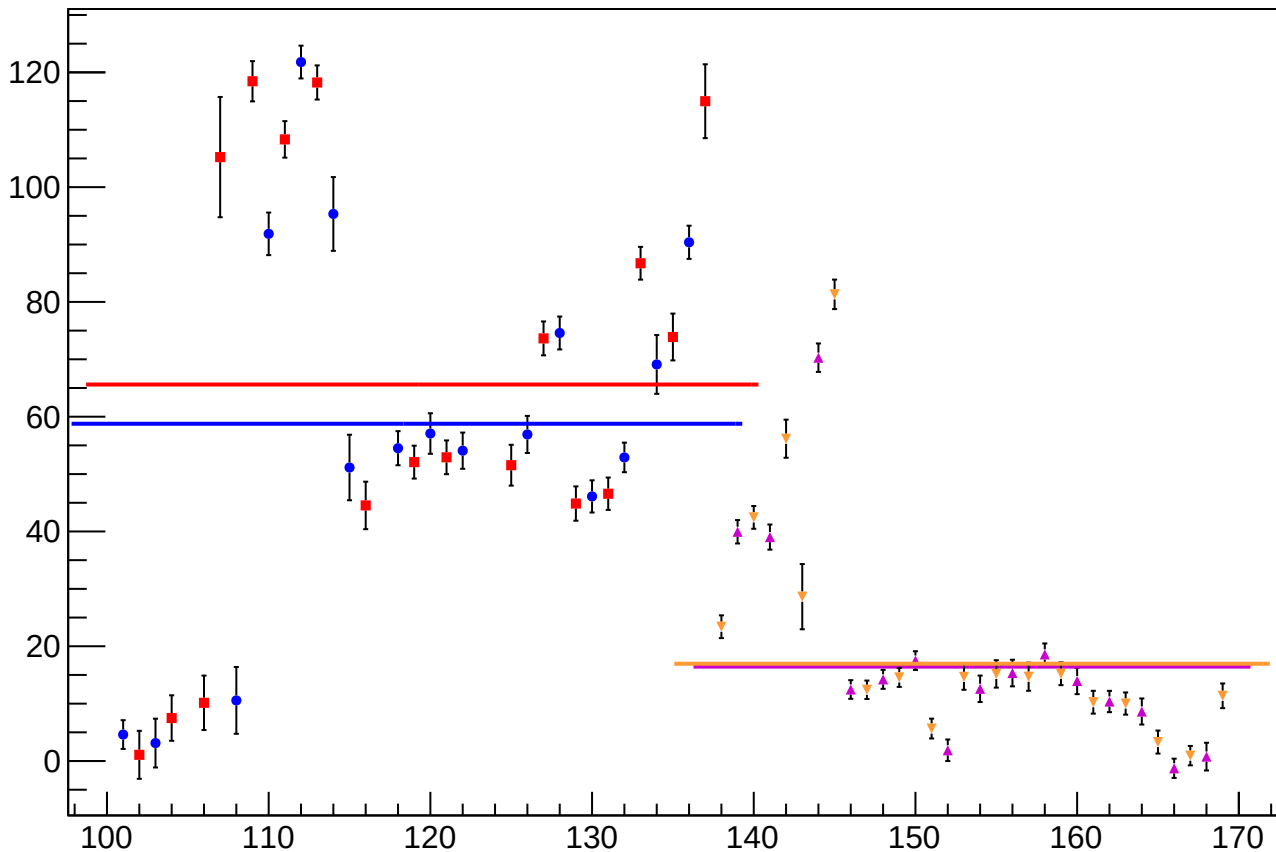
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.170 ± 0.280 $\chi^2/\text{NDF}: 645.1/30$

Out: 4.736 ± 0.277 $\chi^2/\text{NDF}: 598.1/33$

All: 4.457 ± 0.197 $\chi^2/\text{NDF}: 1245.3/64$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 16.954 $\pm$ 0.500 χ^2 /NDF:1170.7/16

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 16.450 $\pm$ 0.509 χ^2 /NDF:961.1/14

Left: 16.707 $\pm$ 0.357 χ^2 /NDF: 2132.4/31

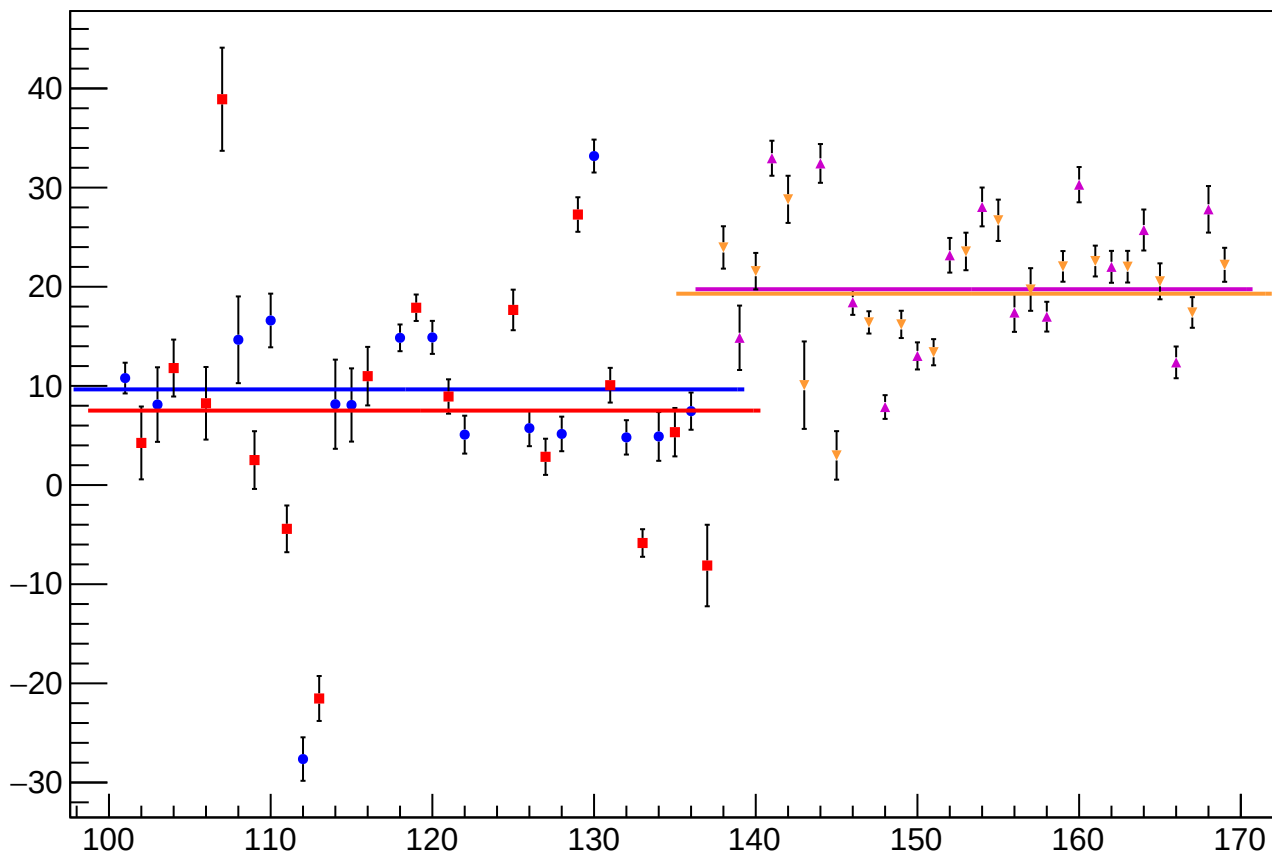
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 27.948 $\pm$ 0.434 χ^2 /NDF:4334.7/30

Out: 29.581 $\pm$ 0.430 χ^2 /NDF:5252.3/33

All: 28.771 $\pm$ 0.306 χ^2 /NDF: 9594.1/64

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: 19.300 ± 0.415 $\chi^2/\text{NDF}: 136.0/16$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 19.750 ± 0.433 $\chi^2/\text{NDF}: 329.3/14$

Left: 19.515 ± 0.299 $\chi^2/\text{NDF}: 465.9/31$

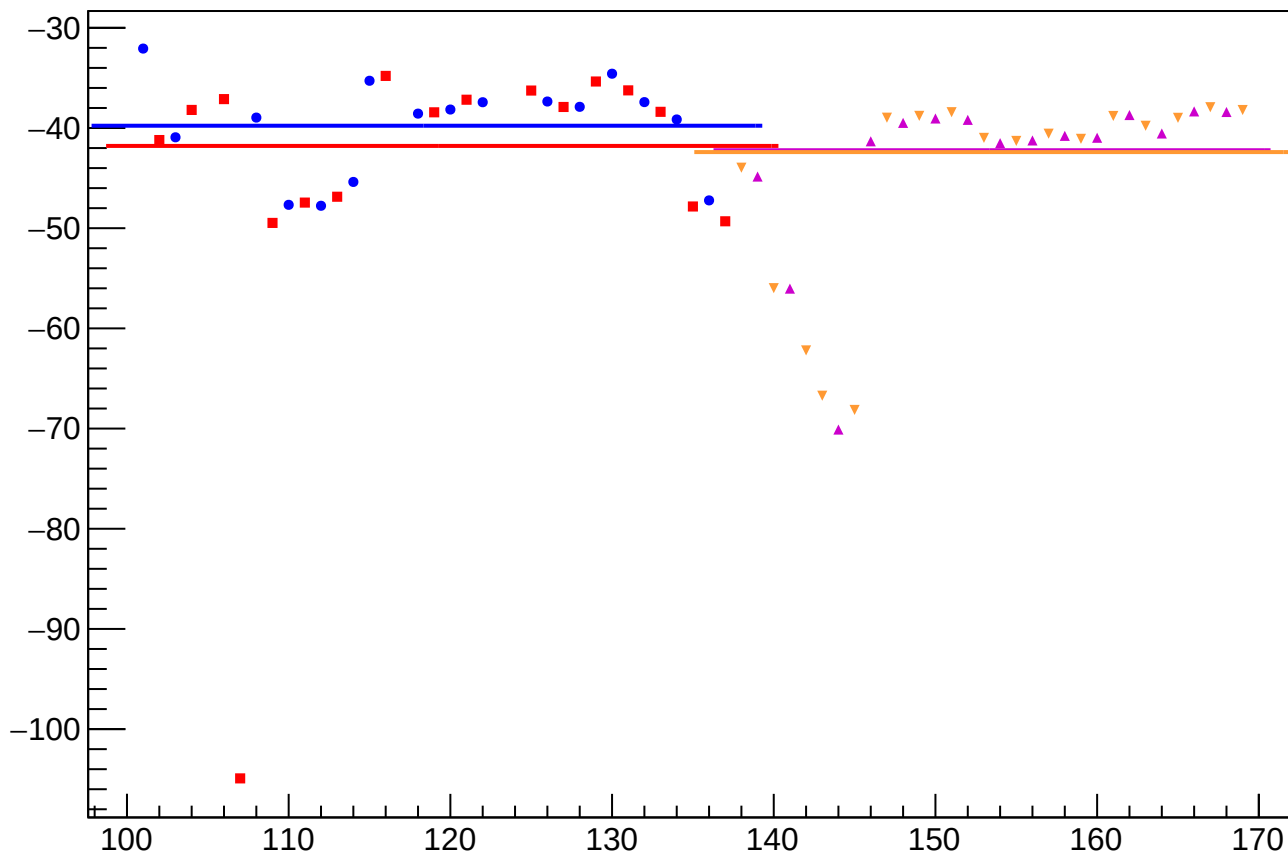
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 15.440 ± 0.328 $\chi^2/\text{NDF}: 1115.0/30$

Out: 14.680 ± 0.323 $\chi^2/\text{NDF}: 1017.1/33$

All: 15.054 ± 0.230 $\chi^2/\text{NDF}: 2134.8/64$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -42.401 ± 0.020 χ^2/NDF : 143392.6/16

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -42.217 ± 0.020 χ^2/NDF : 104749.8/14

Left: -42.311 ± 0.014 χ^2/NDF : 248184.5/31

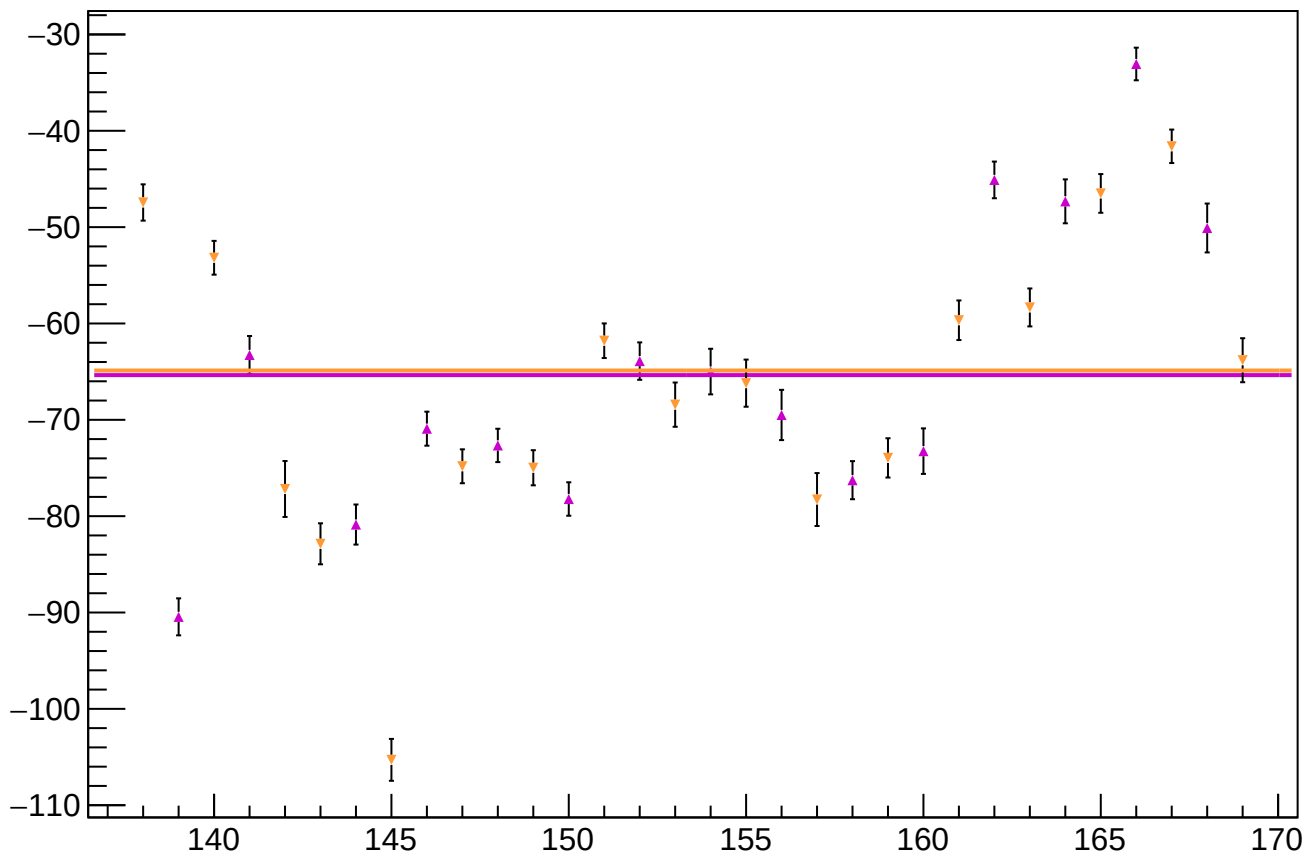
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -41.490 ± 0.017 χ^2/NDF : 135271.1/30

Out: -42.226 ± 0.017 χ^2/NDF : 236674.6/33

All: -41.861 ± 0.012 χ^2/NDF : 372896.0/64

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -64.883+/-0.495 χ^2/NDF : 957.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -65.358+/-0.517 χ^2/NDF : 930.6/14

Left: -65.110+/-0.357 χ^2/NDF : 1889.0/31

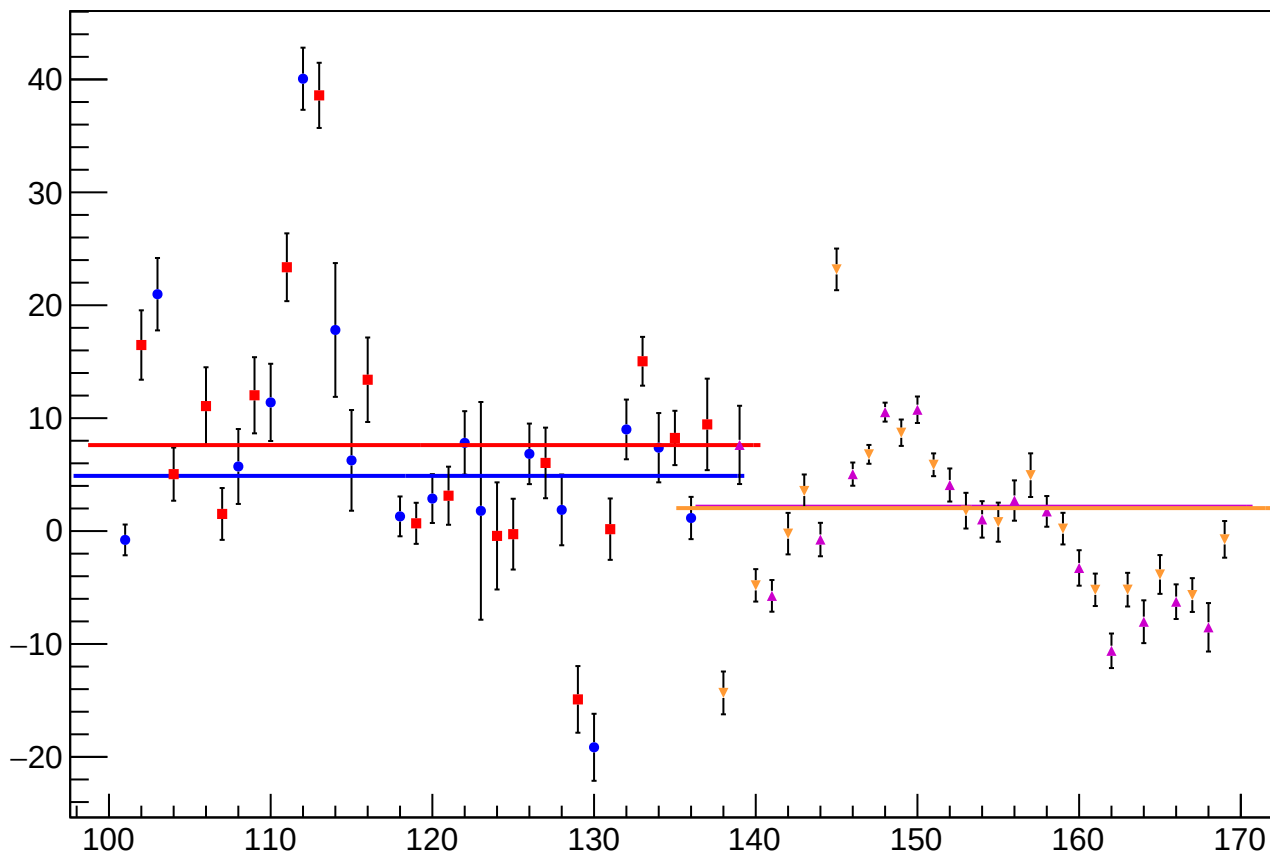
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.358+/-0.517 χ^2/NDF : 930.6/14

Out: -64.883+/-0.495 χ^2/NDF : 957.9/16

All: -65.110+/-0.357 χ^2/NDF : 1889.0/31

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 2.034 ± 0.341 $\chi^2/\text{NDF}: 405.2/16$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: 2.160 ± 0.363 $\chi^2/\text{NDF}: 366.7/14$

Left: 2.093 ± 0.249 $\chi^2/\text{NDF}: 772.0/31$

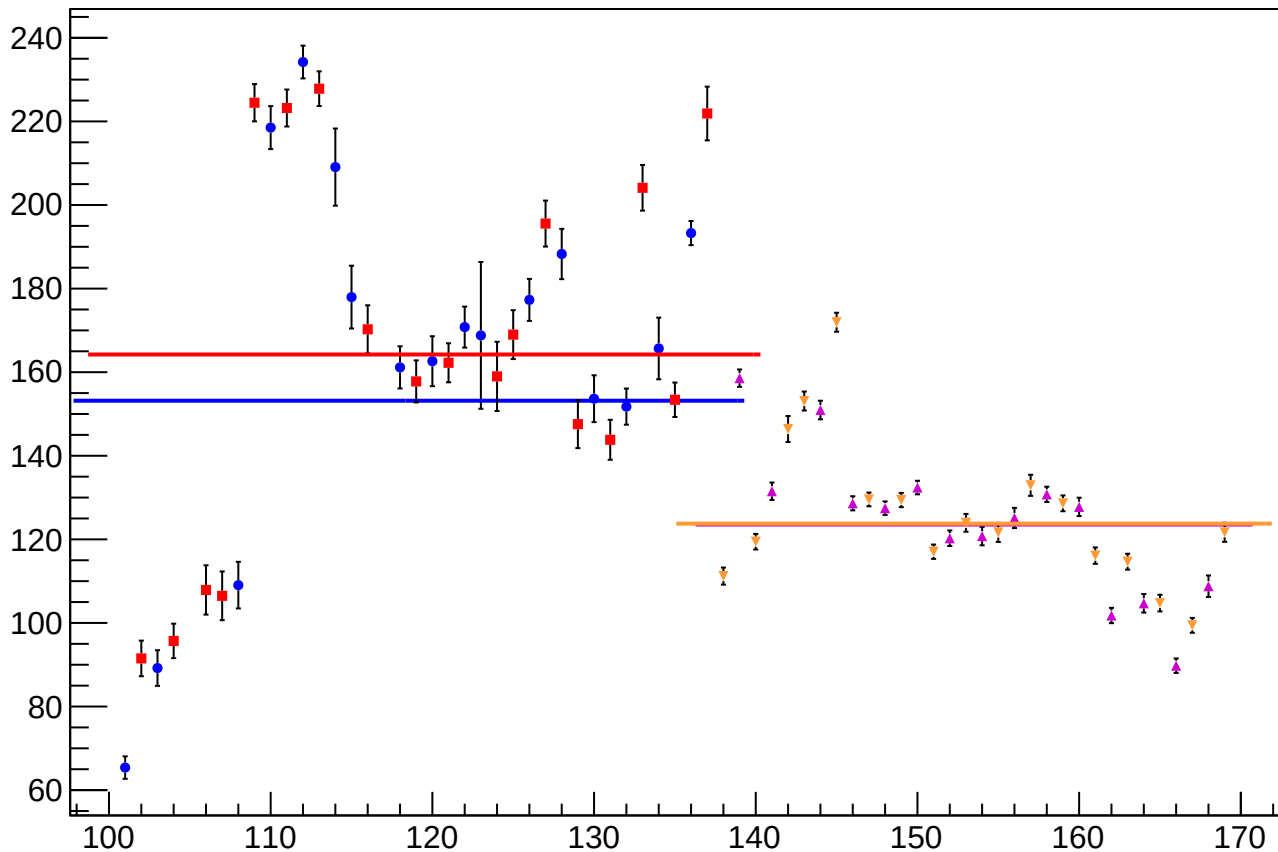
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 2.853 ± 0.313 $\chi^2/\text{NDF}: 675.8/31$

Out: 3.234 ± 0.302 $\chi^2/\text{NDF}: 731.9/34$

All: 3.050 ± 0.218 $\chi^2/\text{NDF}: 1408.5/66$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 123.765 $\pm$ 0.487 χ^2 /NDF:1090.3/16

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 123.542 $\pm$ 0.504 χ^2 /NDF:1149.2/14

Left: 123.657 $\pm$ 0.350 χ^2 /NDF: 2239.7/31

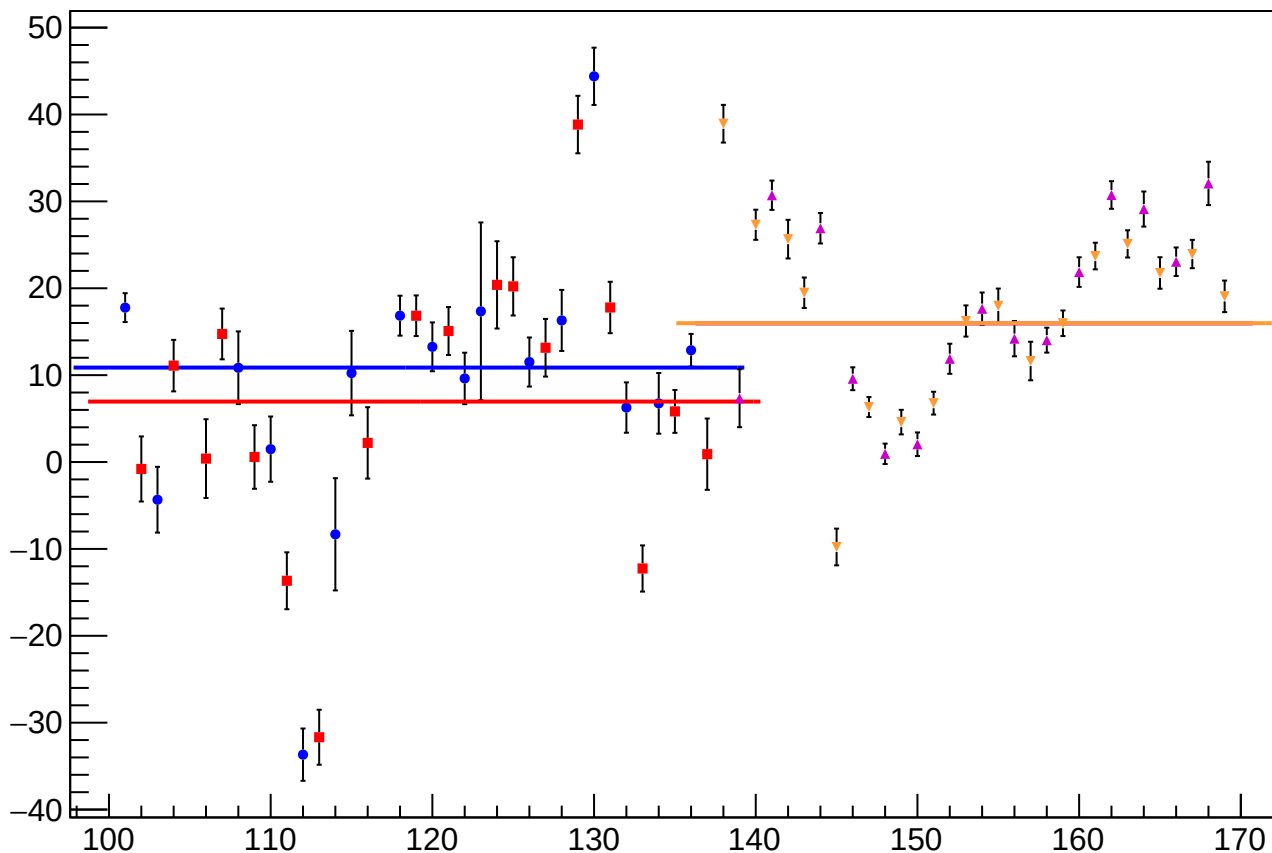
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 128.342 $\pm$ 0.461 χ^2 /NDF:3973.4/31

Out: 129.626 $\pm$ 0.450 χ^2 /NDF:3645.5/34

All: 129.000 $\pm$ 0.322 χ^2 /NDF: 7622.8/66

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: 15.981 $\pm$ 0.402 χ^2 /NDF:611.9/16

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 15.950 $\pm$ 0.427 χ^2 /NDF:623.6/14

Left: 15.966 $\pm$ 0.293 χ^2 /NDF: 1235.6/31

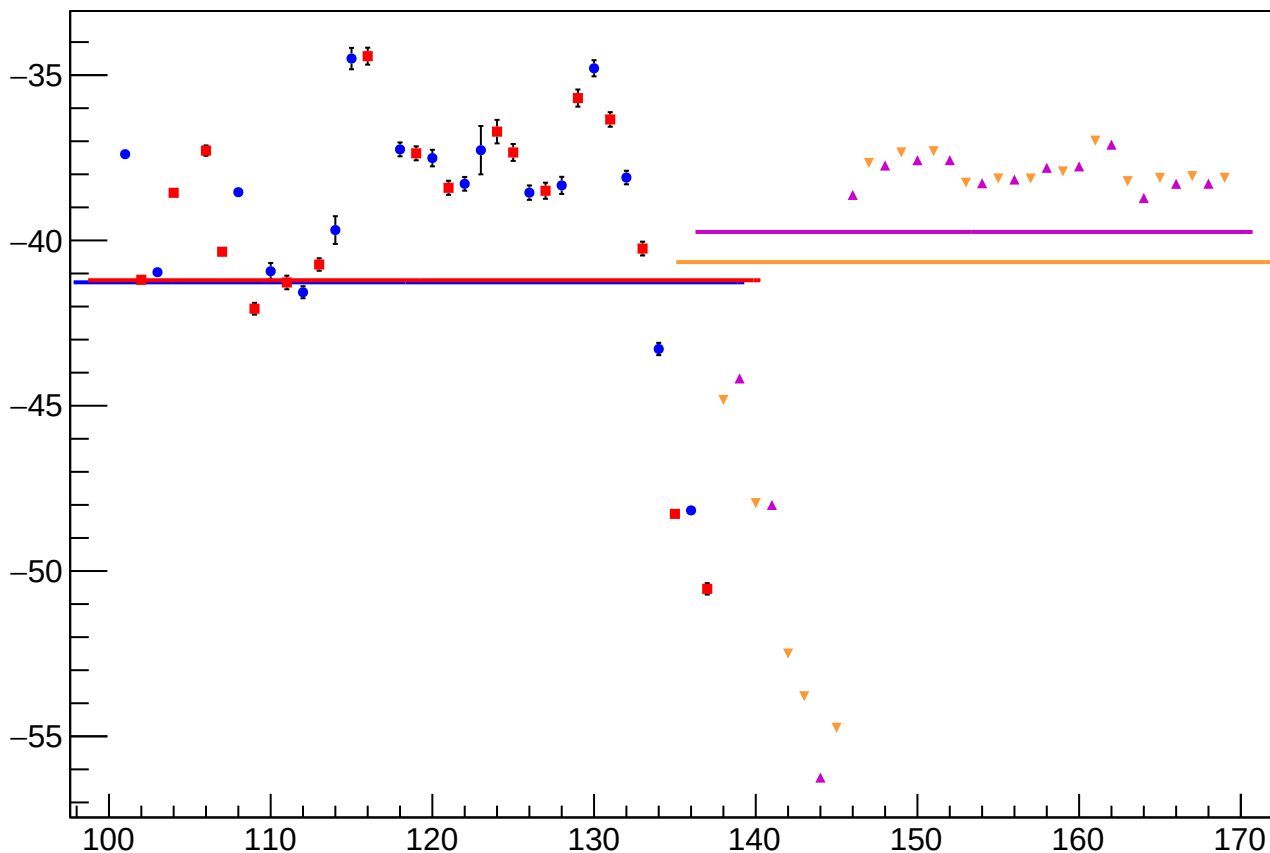
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.611 $\pm$ 0.367 χ^2 /NDF:1047.5/31

Out: 13.961 $\pm$ 0.354 χ^2 /NDF:1146.8/34

All: 14.275 $\pm$ 0.255 χ^2 /NDF: 2195.9/66

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2/NDF : 12581.8/16

Left Out: -40.655 $\pm$ 0.019 χ^2/NDF : 81797.6/16

Right Out: -41.204 $\pm$ 0.039 χ^2/NDF : 12008.6/17

Left In: -39.743 $\pm$ 0.020 χ^2/NDF : 49100.0/14

Left: -40.216 $\pm$ 0.014 χ^2/NDF : 131968.7/31

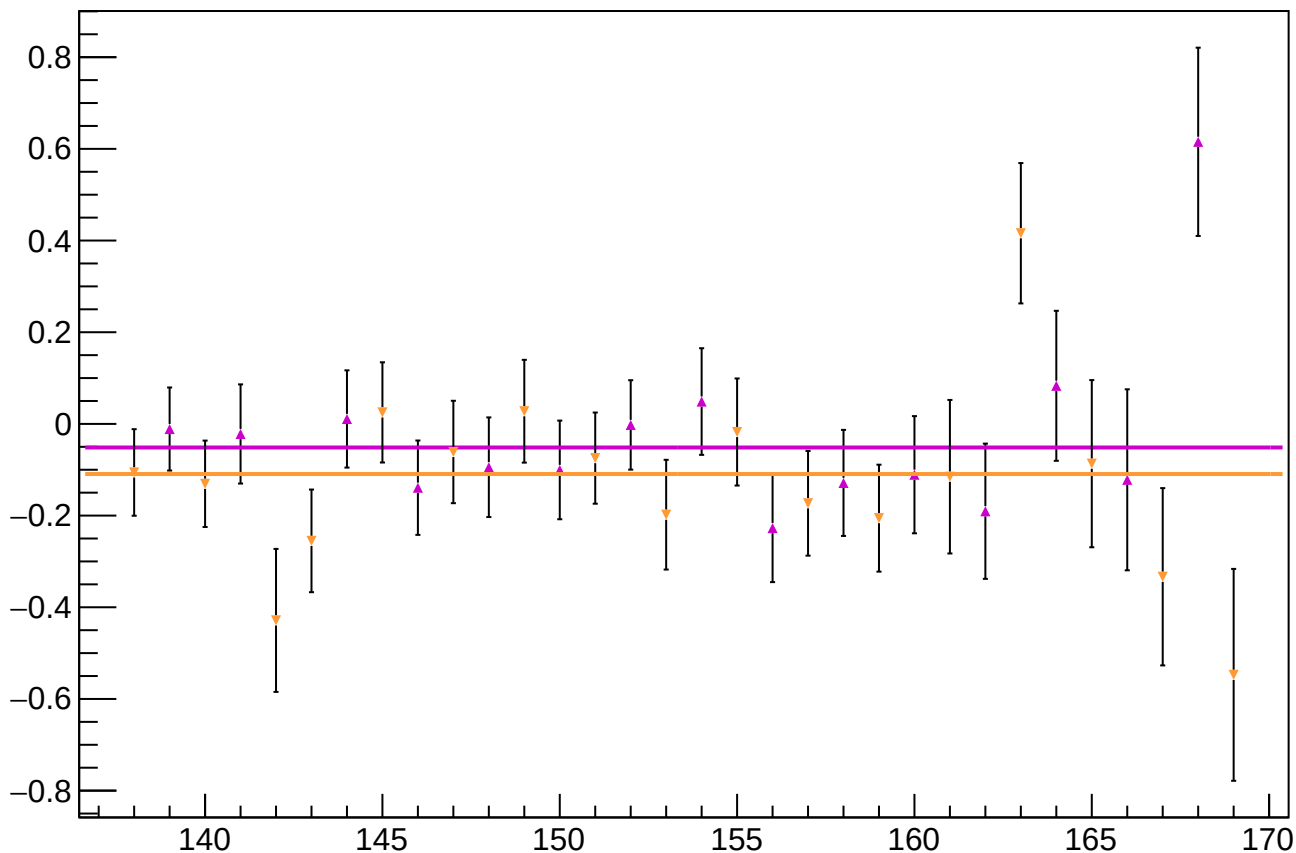
Right: -41.236 $\pm$ 0.027 χ^2/NDF : 24591.7/34

In: -40.068 $\pm$ 0.018 χ^2/NDF : 62912.8/31

Out: -40.764 $\pm$ 0.017 χ^2/NDF : 93965.8/34

All: -40.426 $\pm$ 0.012 χ^2/NDF : 157664.8/66

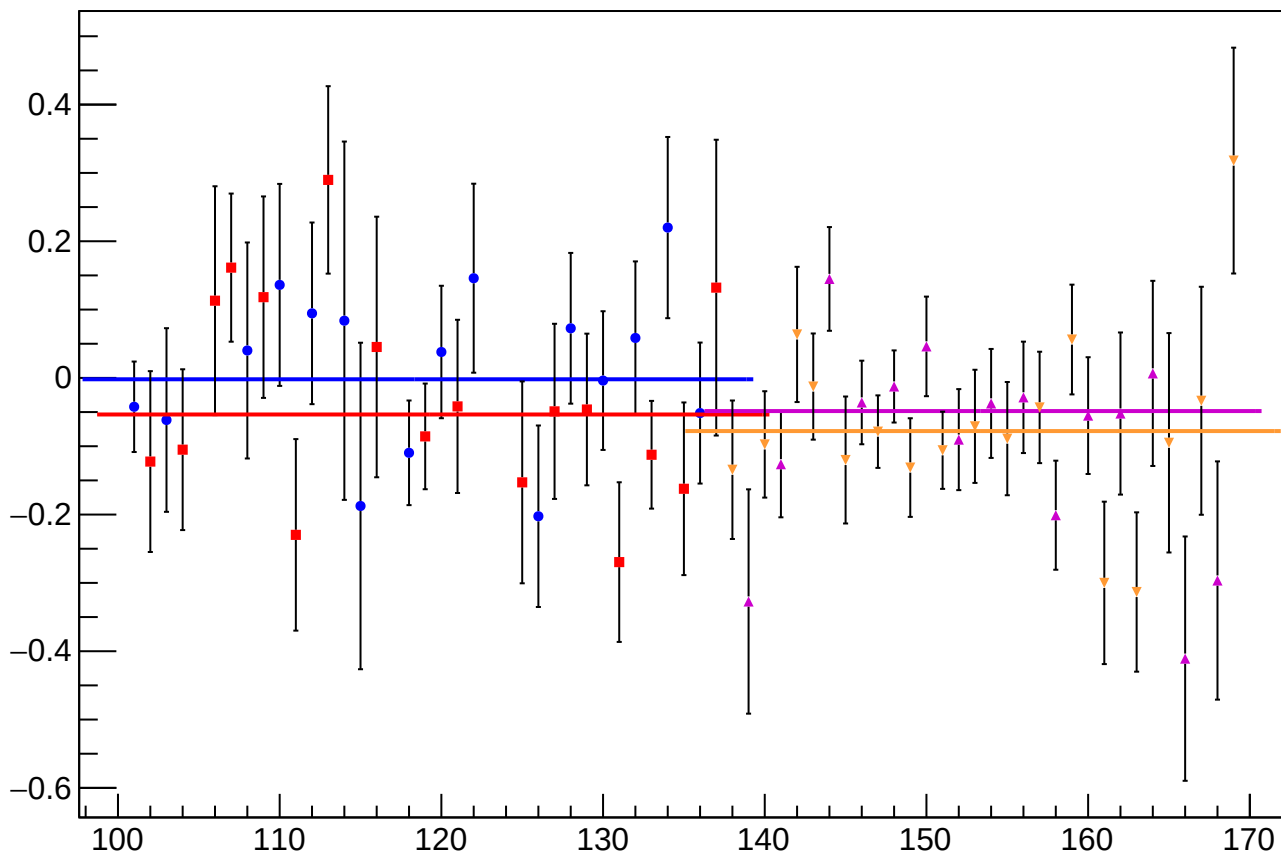
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.109 $\pm$ 0.030 χ^2 /NDF:28.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.051 $\pm$ 0.030 χ^2 /NDF:17.8/14

Left: -0.081 $\pm$ 0.021 χ^2 /NDF: 47.8/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.051 $\pm$ 0.030 χ^2 /NDF:17.8/14
 Out: -0.109 $\pm$ 0.030 χ^2 /NDF:28.1/16
 All: -0.081 $\pm$ 0.021 χ^2 /NDF: 47.8/31

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.078 ± 0.021 $\chi^2/\text{NDF}: 20.5/16$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.049 ± 0.021 $\chi^2/\text{NDF}: 22.9/14$

Left: -0.064 ± 0.015 $\chi^2/\text{NDF}: 44.4/31$

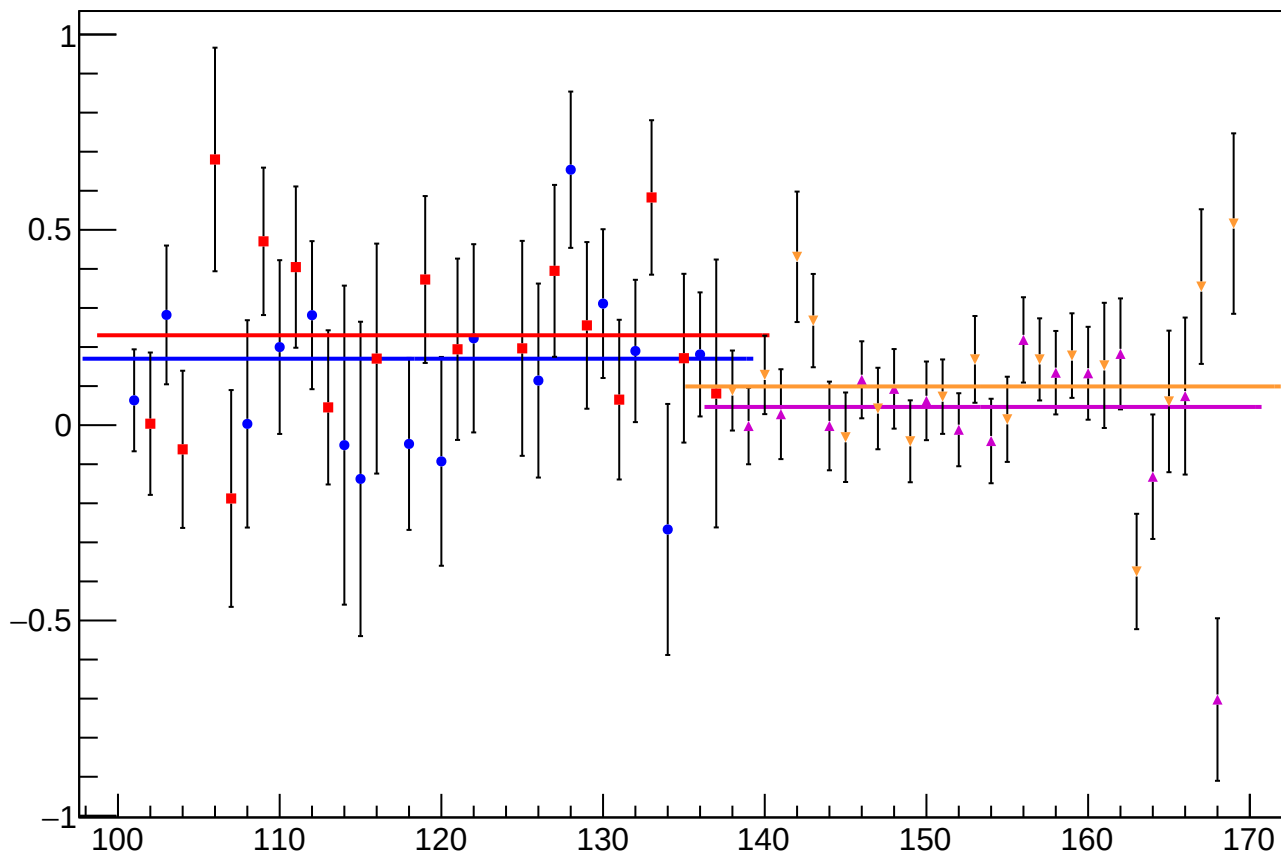
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.031 ± 0.017 $\chi^2/\text{NDF}: 36.7/30$

Out: -0.070 ± 0.017 $\chi^2/\text{NDF}: 41.9/33$

All: -0.051 ± 0.012 $\chi^2/\text{NDF}: 81.2/64$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.099 ± 0.029 $\chi^2/\text{NDF}: 26.8/16$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.047 ± 0.030 $\chi^2/\text{NDF}: 21.0/14$

Left: 0.073 ± 0.021 $\chi^2/\text{NDF}: 49.4/31$

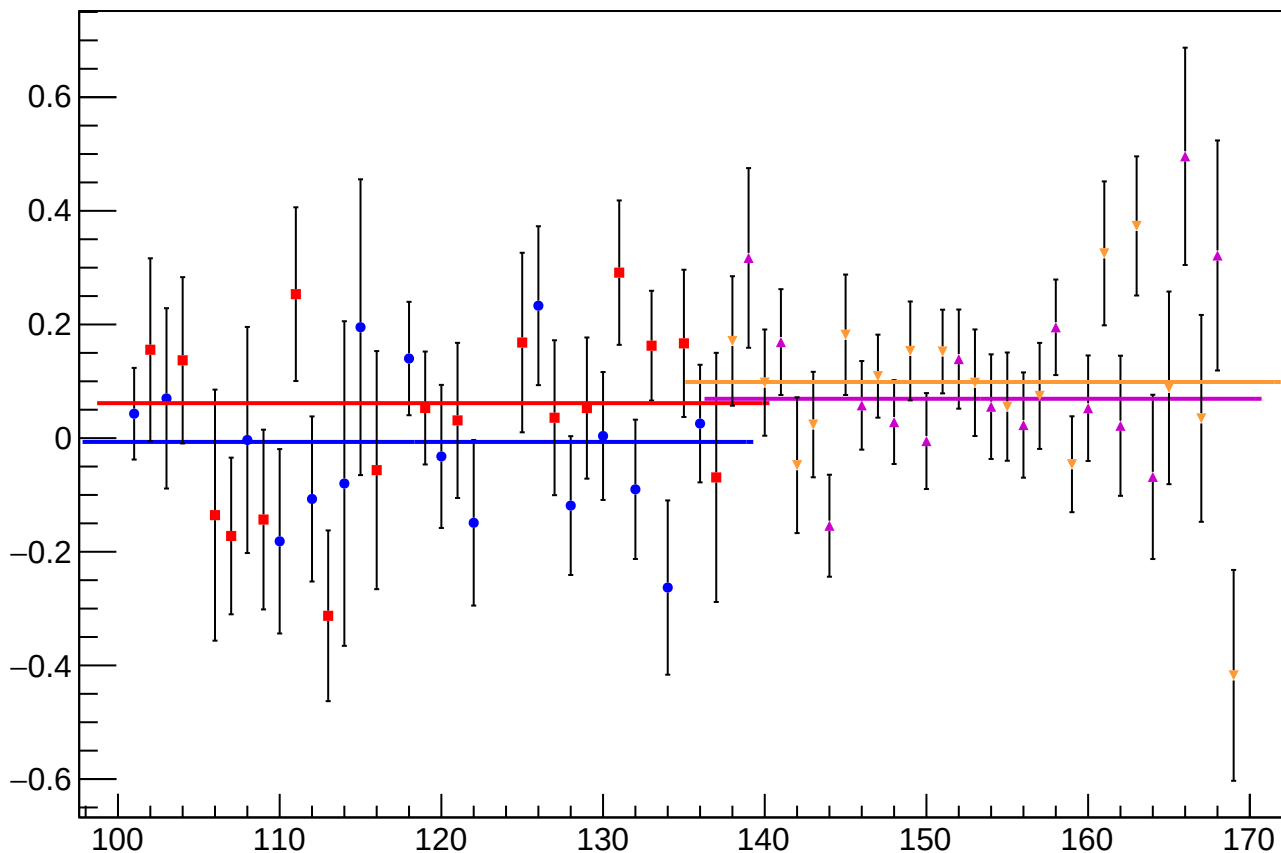
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.077 ± 0.026 $\chi^2/\text{NDF}: 38.3/30$

Out: 0.129 ± 0.026 $\chi^2/\text{NDF}: 48.2/33$

All: 0.103 ± 0.018 $\chi^2/\text{NDF}: 88.5/64$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.099 ± 0.024 $\chi^2/\text{NDF}: 23.4/16$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.069 ± 0.025 $\chi^2/\text{NDF}: 21.7/14$

Left: 0.085 ± 0.018 $\chi^2/\text{NDF}: 45.8/31$

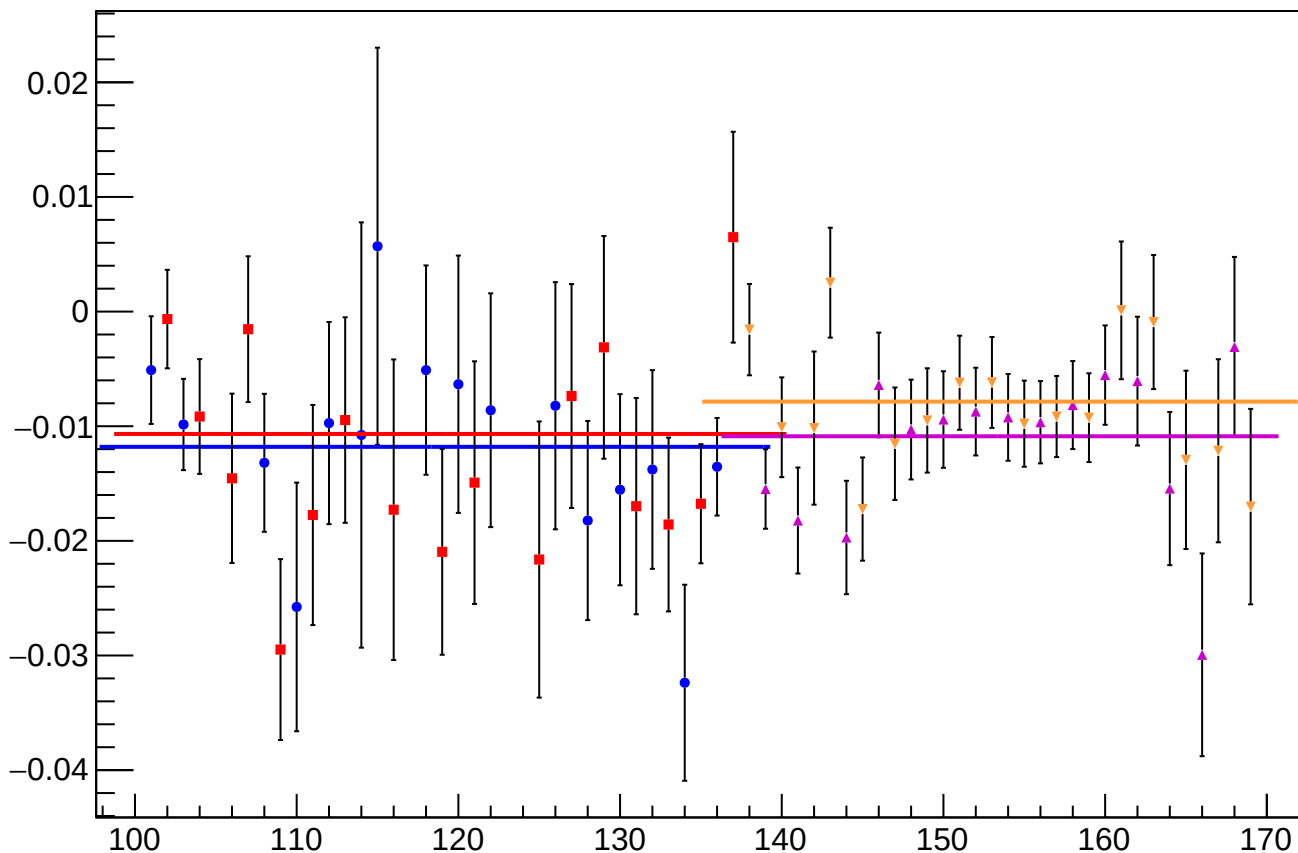
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.041 ± 0.020 $\chi^2/\text{NDF}: 38.3/30$

Out: 0.086 ± 0.020 $\chi^2/\text{NDF}: 44.2/33$

All: 0.064 ± 0.014 $\chi^2/\text{NDF}: 85.1/64$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 18.5/16

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.011 ± 0.001 χ^2/NDF : 18.0/14

Left: -0.009 ± 0.001 χ^2/NDF : 40.0/31

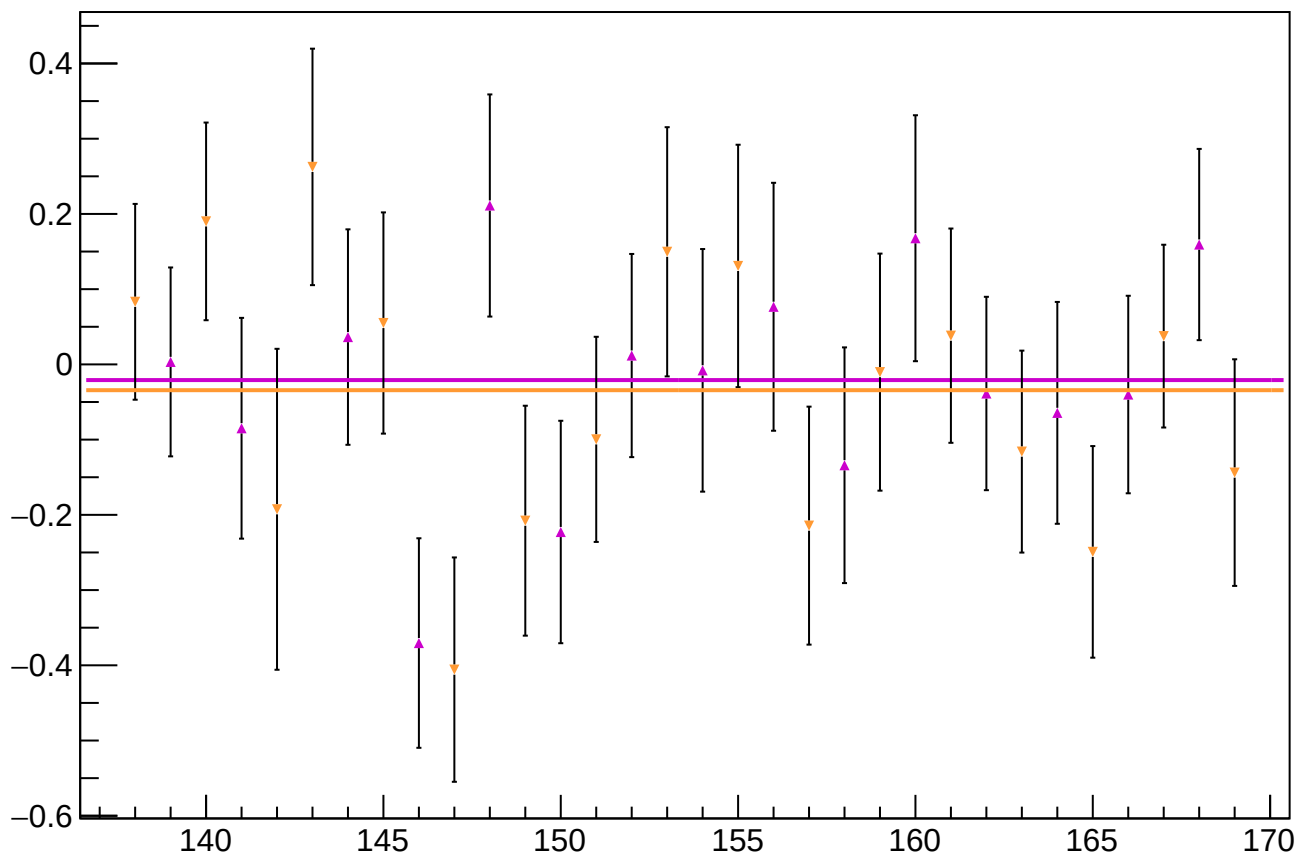
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 31.0/30

Out: -0.009 ± 0.001 χ^2/NDF : 44.0/33

All: -0.010 ± 0.001 χ^2/NDF : 78.3/64

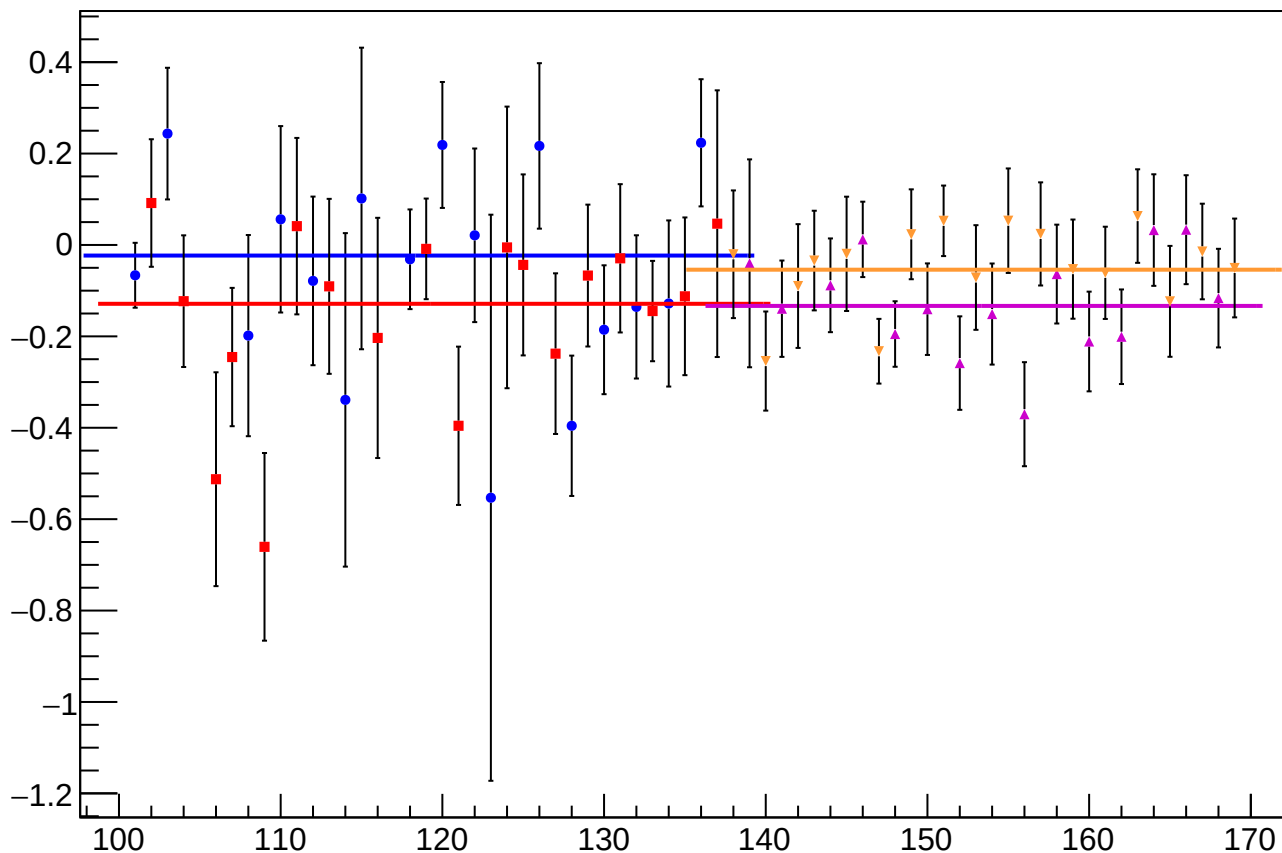
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.034 $\pm$ 0.036 χ^2 /NDF:23.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.021 $\pm$ 0.037 χ^2 /NDF:15.4/14

Left: -0.028 $\pm$ 0.026 χ^2 /NDF: 38.9/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.021 $\pm$ 0.037 χ^2 /NDF:15.4/14
 Out: -0.034 $\pm$ 0.036 χ^2 /NDF:23.4/16
 All: -0.028 $\pm$ 0.026 χ^2 /NDF: 38.9/31

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 ± 0.025 χ^2/NDF : 15.7/16

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.133 ± 0.027 χ^2/NDF : 15.3/14

Left: -0.091 ± 0.018 χ^2/NDF : 35.6/31

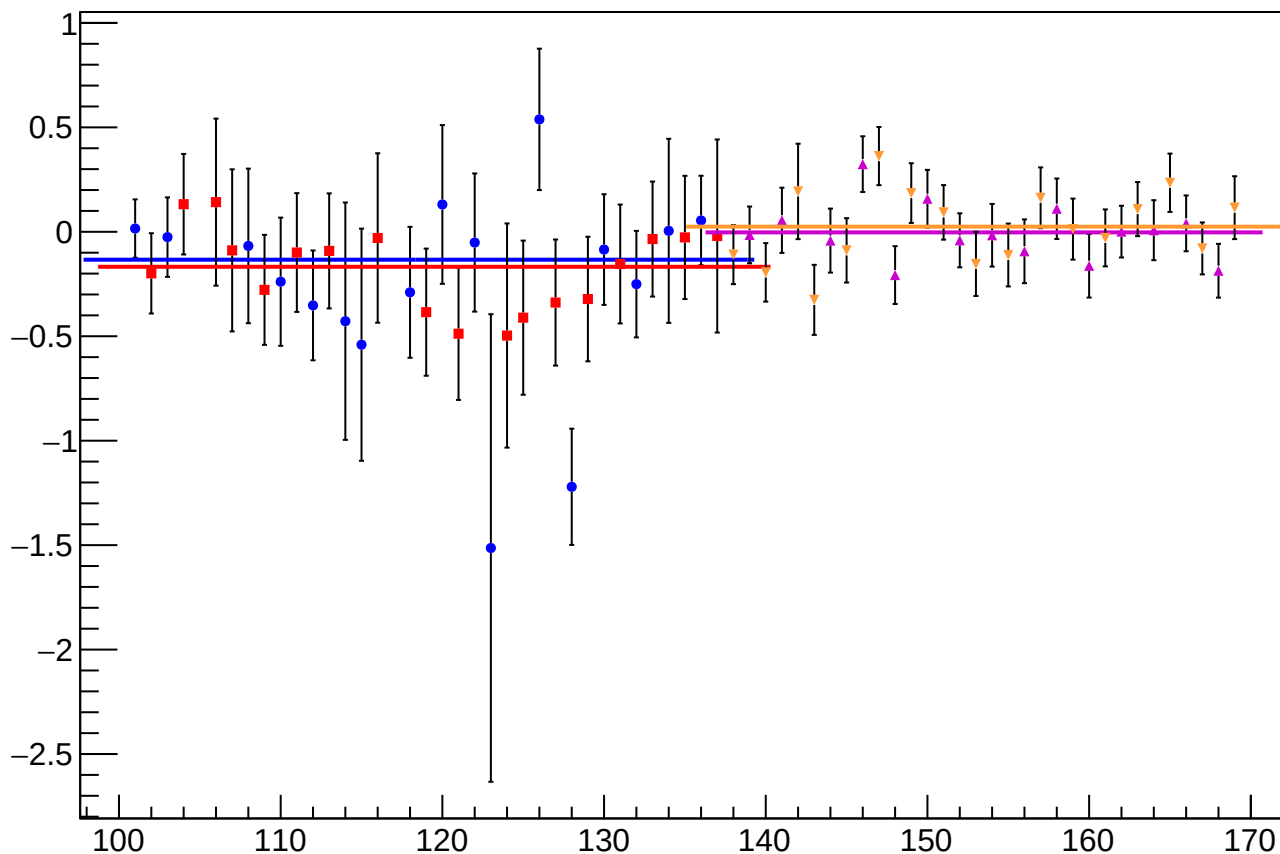
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.095 ± 0.022 χ^2/NDF : 43.6/31

Out: -0.076 ± 0.021 χ^2/NDF : 36.9/34

All: -0.085 ± 0.015 χ^2/NDF : 80.8/66

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.025 ± 0.035 χ^2/NDF : 23.2/16

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.003 ± 0.036 χ^2/NDF : 14.1/14

Left: 0.011 ± 0.025 χ^2/NDF : 37.6/31

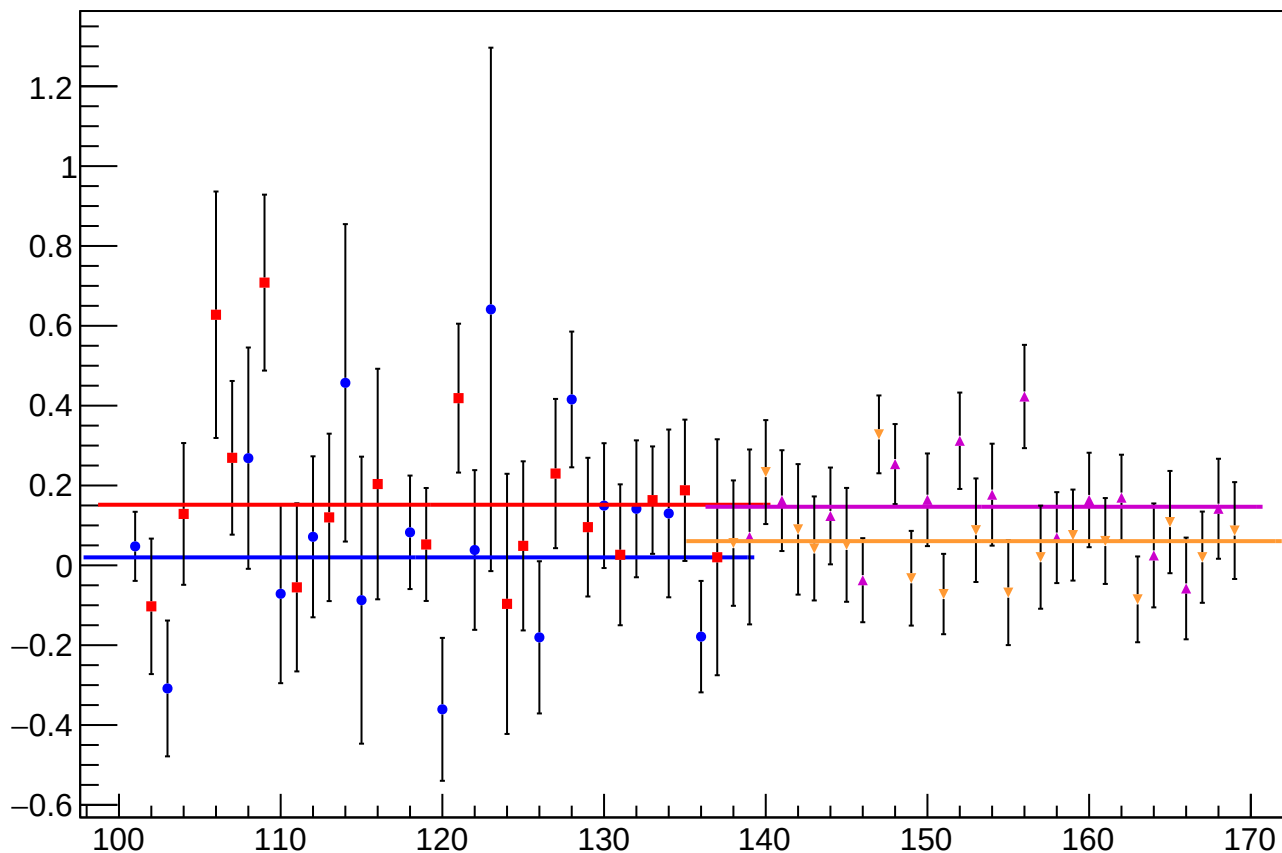
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.032 ± 0.032 χ^2/NDF : 42.8/31

Out: -0.013 ± 0.031 χ^2/NDF : 35.2/34

All: -0.023 ± 0.022 χ^2/NDF : 78.2/66

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.061 $\pm$ 0.029 χ^2 /NDF:15.0/16

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.147 $\pm$ 0.031 χ^2 /NDF:14.9/14

Left: 0.101 $\pm$ 0.021 χ^2 /NDF: 33.9/31

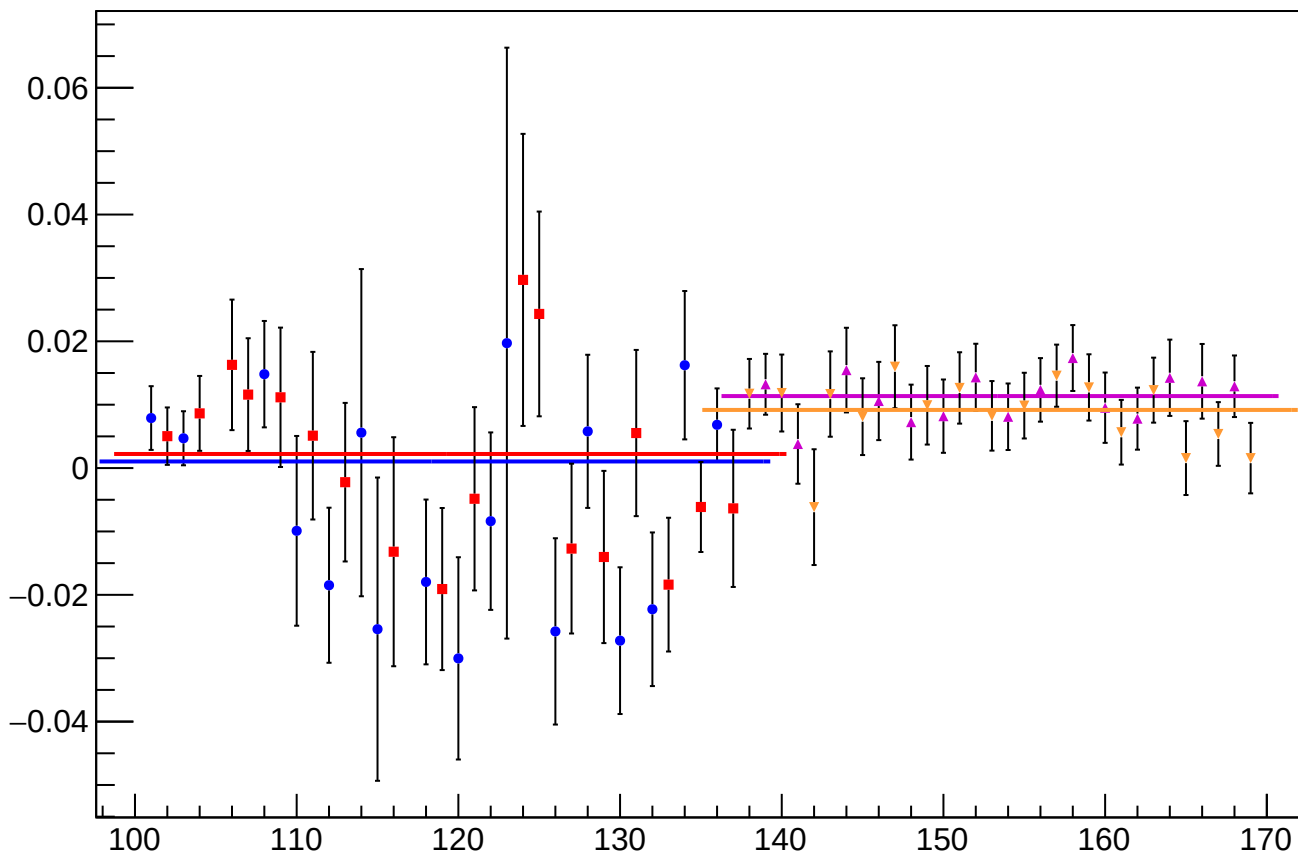
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.102 $\pm$ 0.025 χ^2 /NDF:42.5/31

Out: 0.088 $\pm$ 0.025 χ^2 /NDF:34.6/34

All: 0.095 $\pm$ 0.018 χ^2 /NDF: 77.2/66

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF:11.6/16

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:6.0/14

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 18.8/31

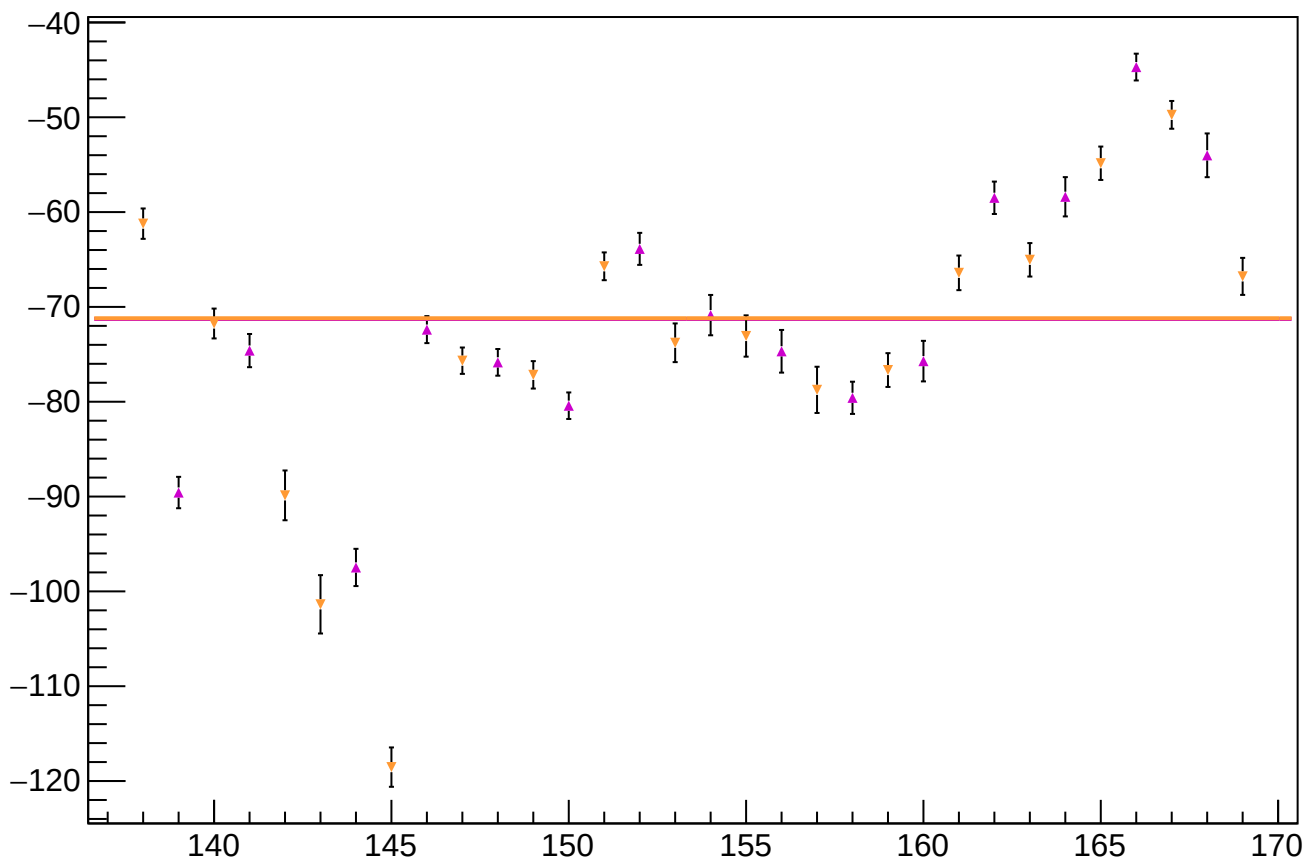
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:53.3/31

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:39.2/34

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 92.9/66

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: -71.197+/-0.433 χ^2/NDF :1093.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.274+/-0.445 χ^2/NDF :912.2/14

Left: -71.235+/-0.310 χ^2/NDF : 2005.3/31

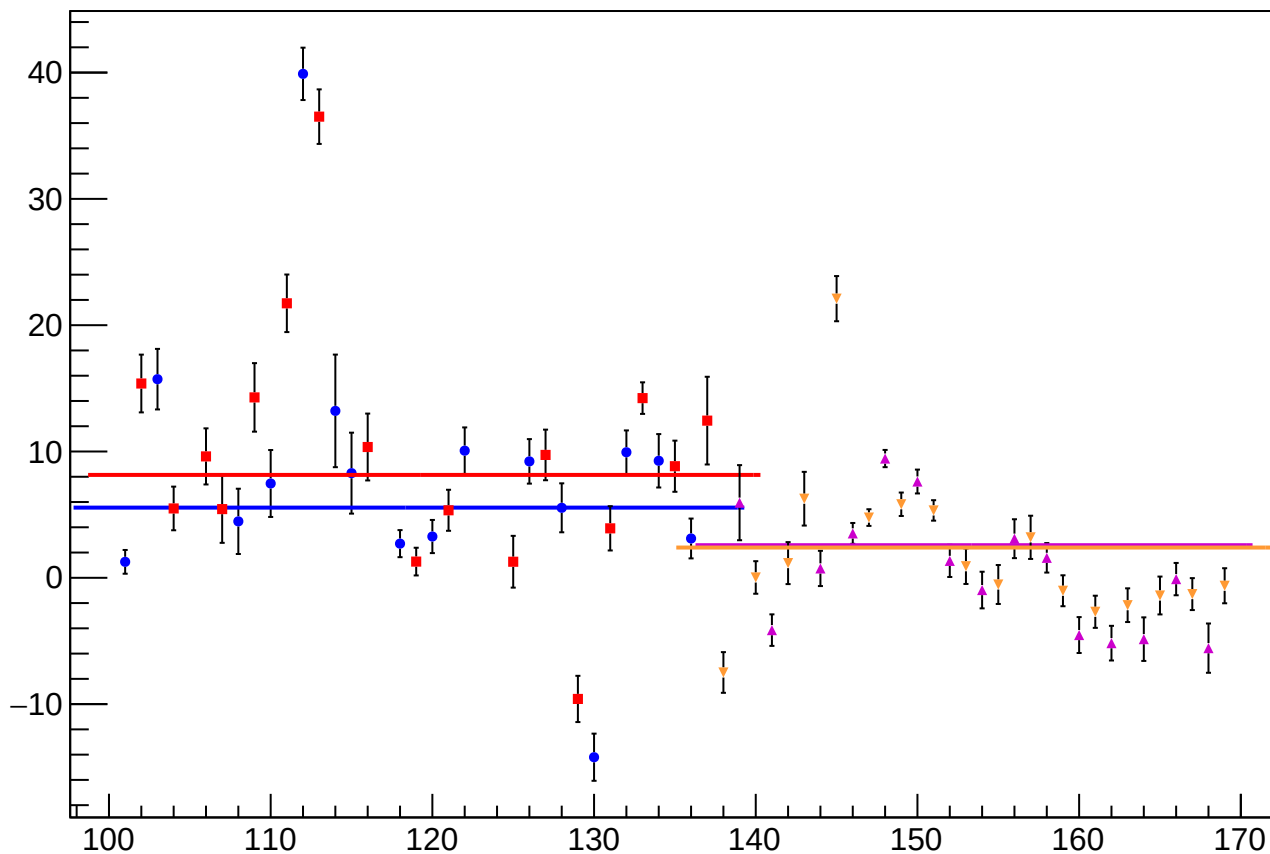
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.274+/-0.445 χ^2/NDF :912.2/14

Out: -71.197+/-0.433 χ^2/NDF :1093.1/16

All: -71.235+/-0.310 χ^2/NDF : 2005.3/31

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: 2.396 ± 0.294 $\chi^2/\text{NDF}: 266.2/16$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.582 ± 0.309 $\chi^2/\text{NDF}: 268.2/14$

Left: 2.484 ± 0.213 $\chi^2/\text{NDF}: 534.6/31$

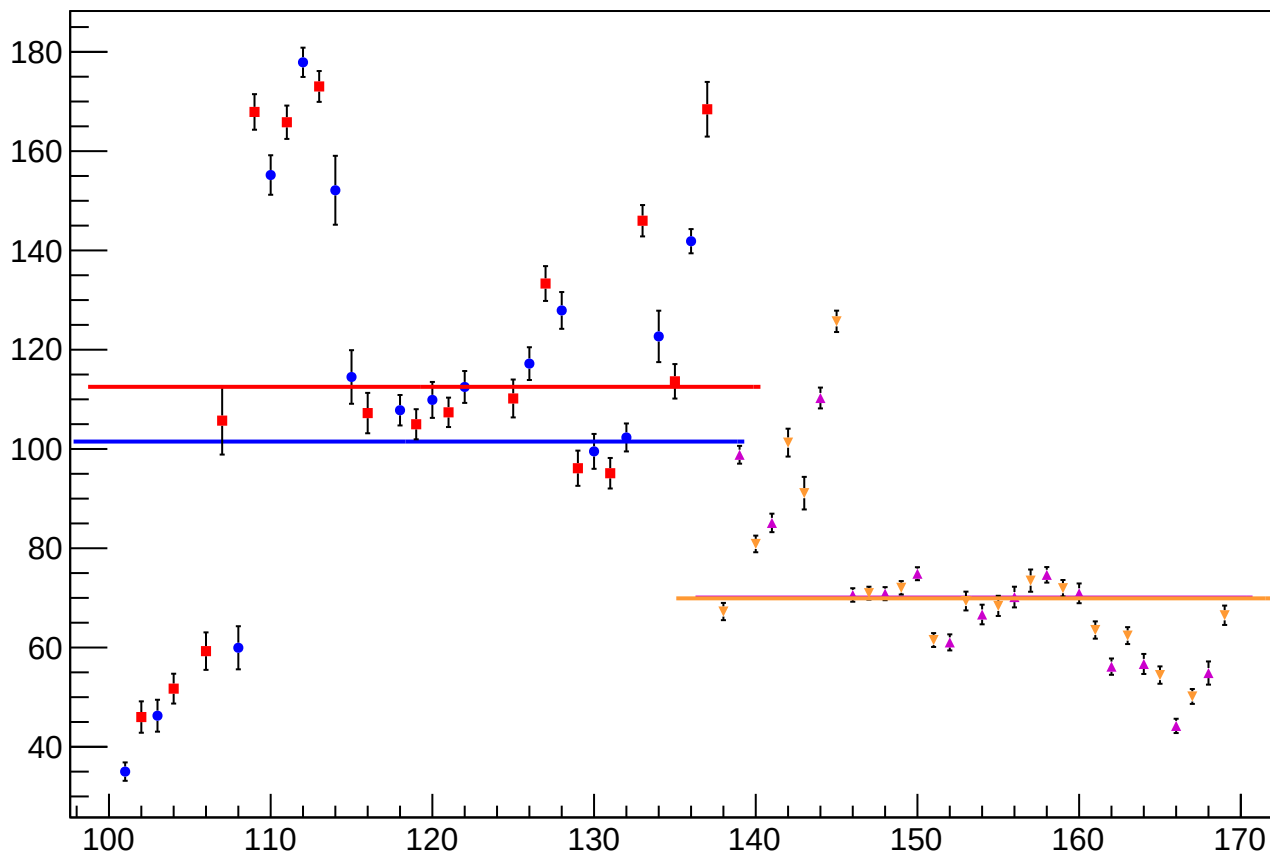
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.613 ± 0.250 $\chi^2/\text{NDF}: 762.4/30$

Out: 4.092 ± 0.247 $\chi^2/\text{NDF}: 785.9/33$

All: 3.855 ± 0.175 $\chi^2/\text{NDF}: 1550.1/64$

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: 69.907 $\pm$ 0.424 χ^2 /NDF:1213.8/16

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 70.069 $\pm$ 0.433 χ^2 /NDF:1227.2/14

Left: 69.987 $\pm$ 0.303 χ^2 /NDF: 2441.1/31

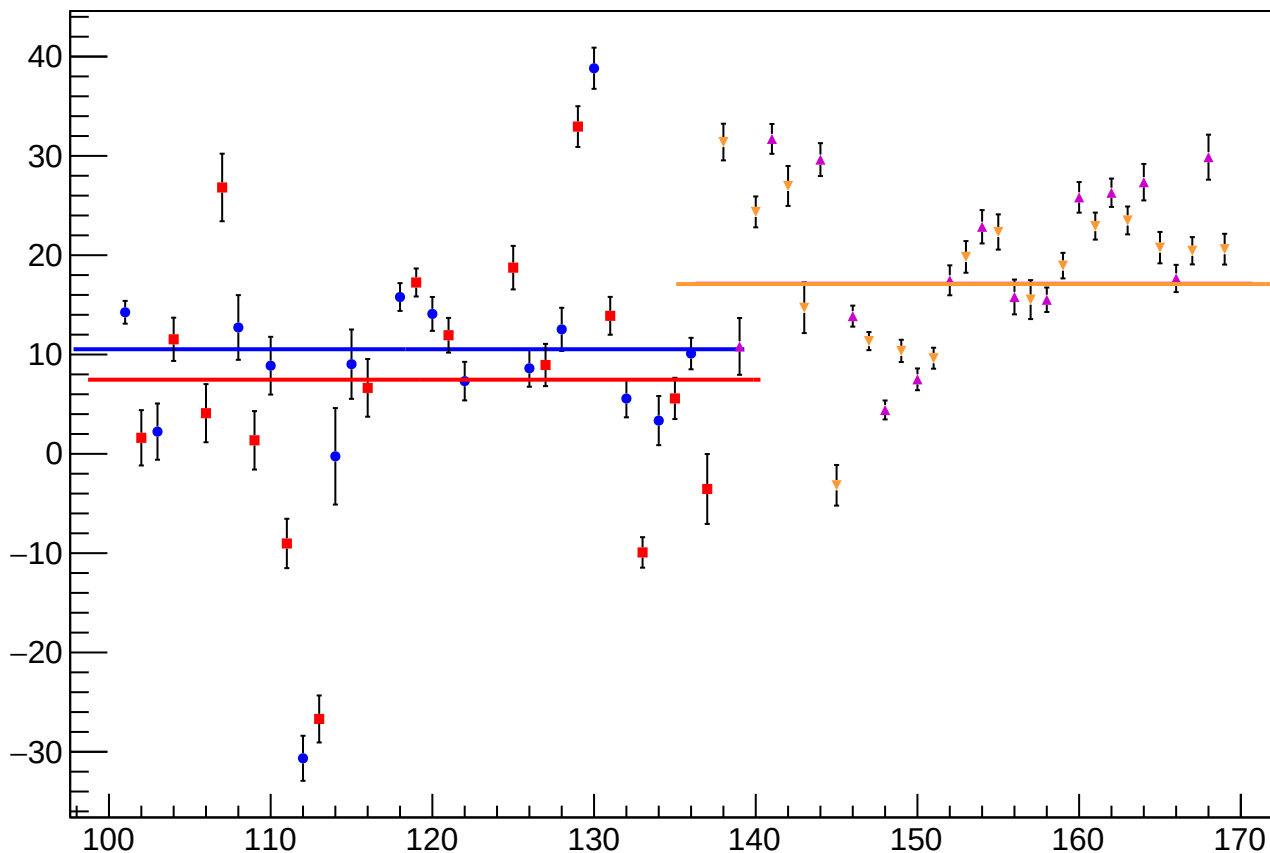
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 77.075 $\pm$ 0.382 χ^2 /NDF:5375.0/30

Out: 78.499 $\pm$ 0.379 χ^2 /NDF:5489.8/33

All: 77.793 $\pm$ 0.269 χ^2 /NDF: 10871.8/64

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: 17.095 $\pm$ 0.349 χ^2 /NDF: 401.1/16

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 17.125 $\pm$ 0.366 χ^2 /NDF: 570.1/14

Left: 17.110 $\pm$ 0.252 χ^2 /NDF: 971.2/31

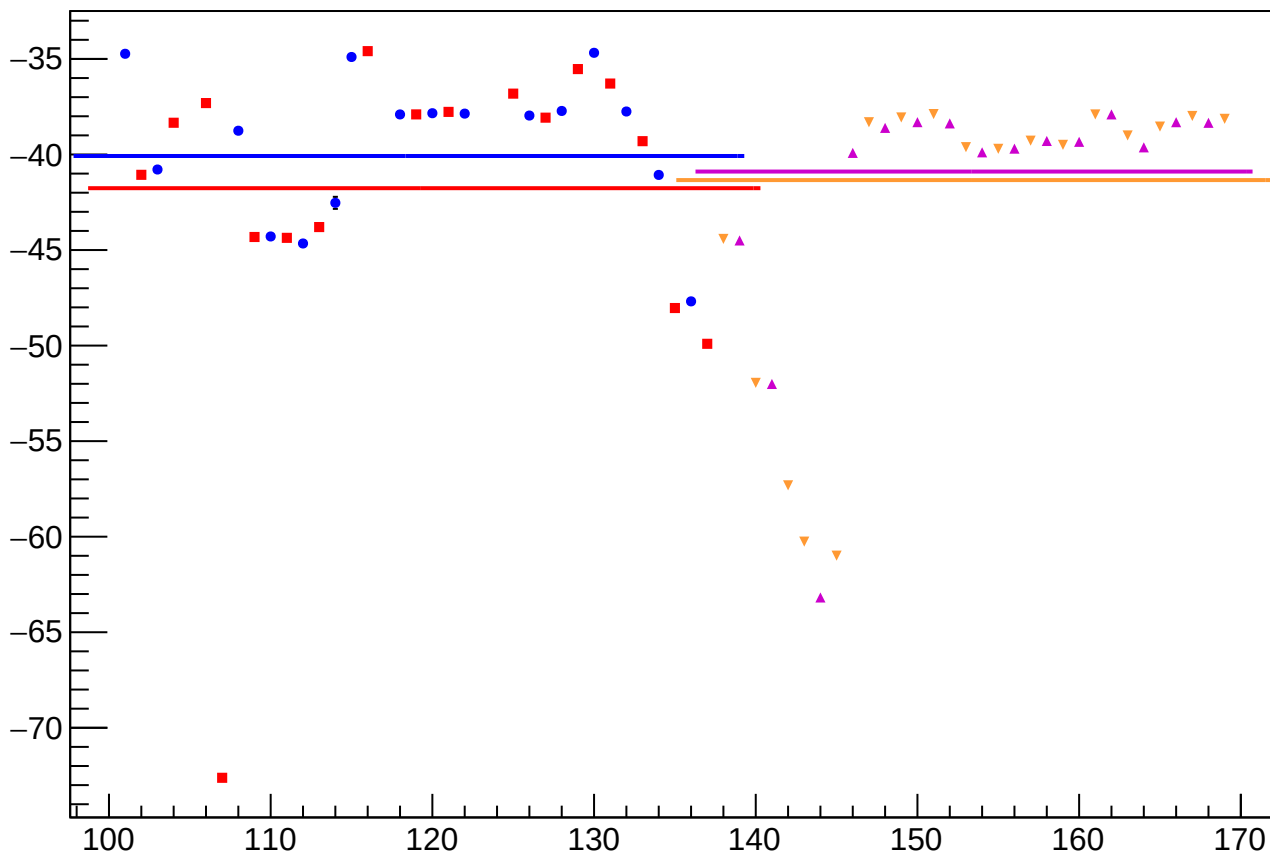
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 14.783 $\pm$ 0.294 χ^2 /NDF: 1265.8/30

Out: 14.148 $\pm$ 0.290 χ^2 /NDF: 1319.5/33

All: 14.462 $\pm$ 0.207 χ^2 /NDF: 2587.6/64

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -41.339 ± 0.017 $\chi^2/\text{NDF}: 138710.4/16$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -40.893 ± 0.017 $\chi^2/\text{NDF}: 95750.9/14$

Left: -41.121 ± 0.012 $\chi^2/\text{NDF}: 234801.2/31$

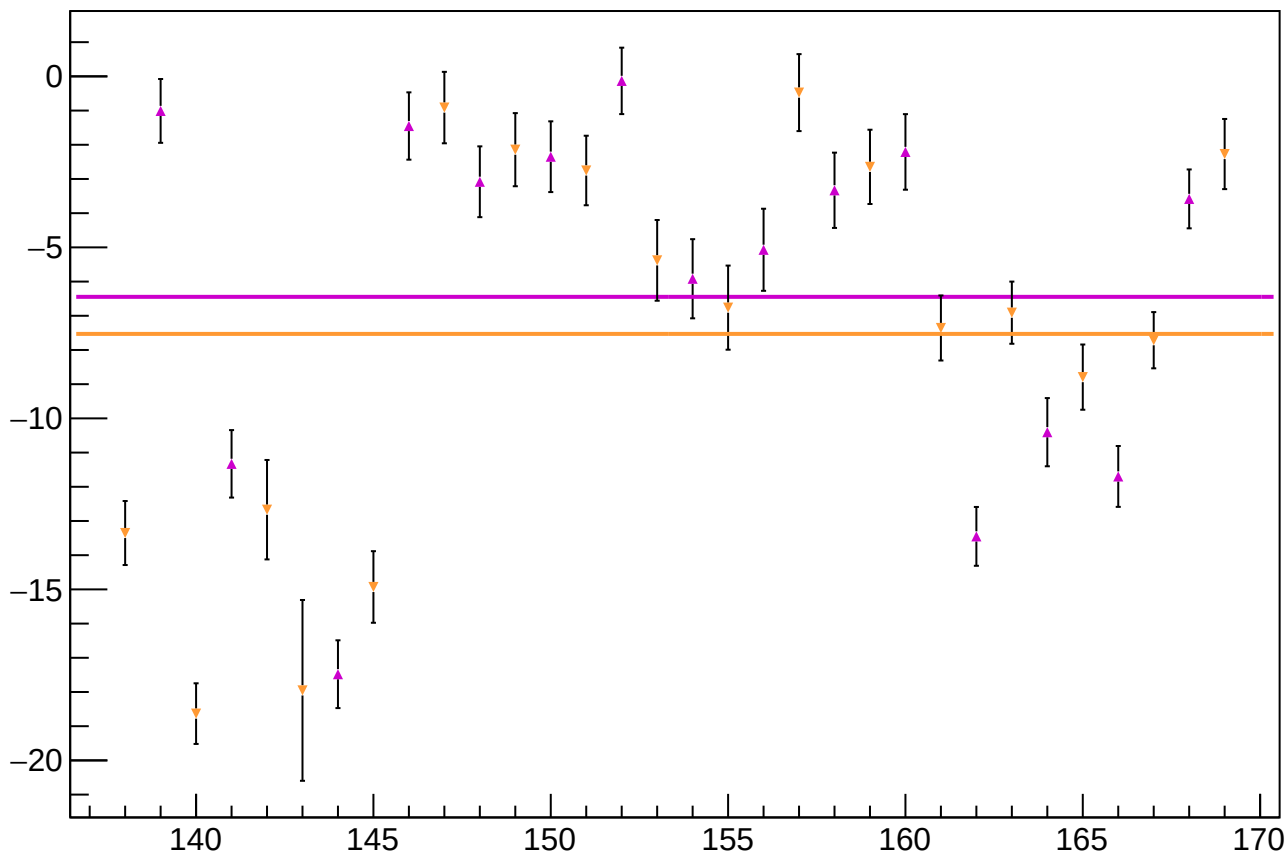
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -40.671 ± 0.015 $\chi^2/\text{NDF}: 121503.2/30$

Out: -41.448 ± 0.015 $\chi^2/\text{NDF}: 199120.3/33$

All: -41.063 ± 0.010 $\chi^2/\text{NDF}: 322026.4/64$

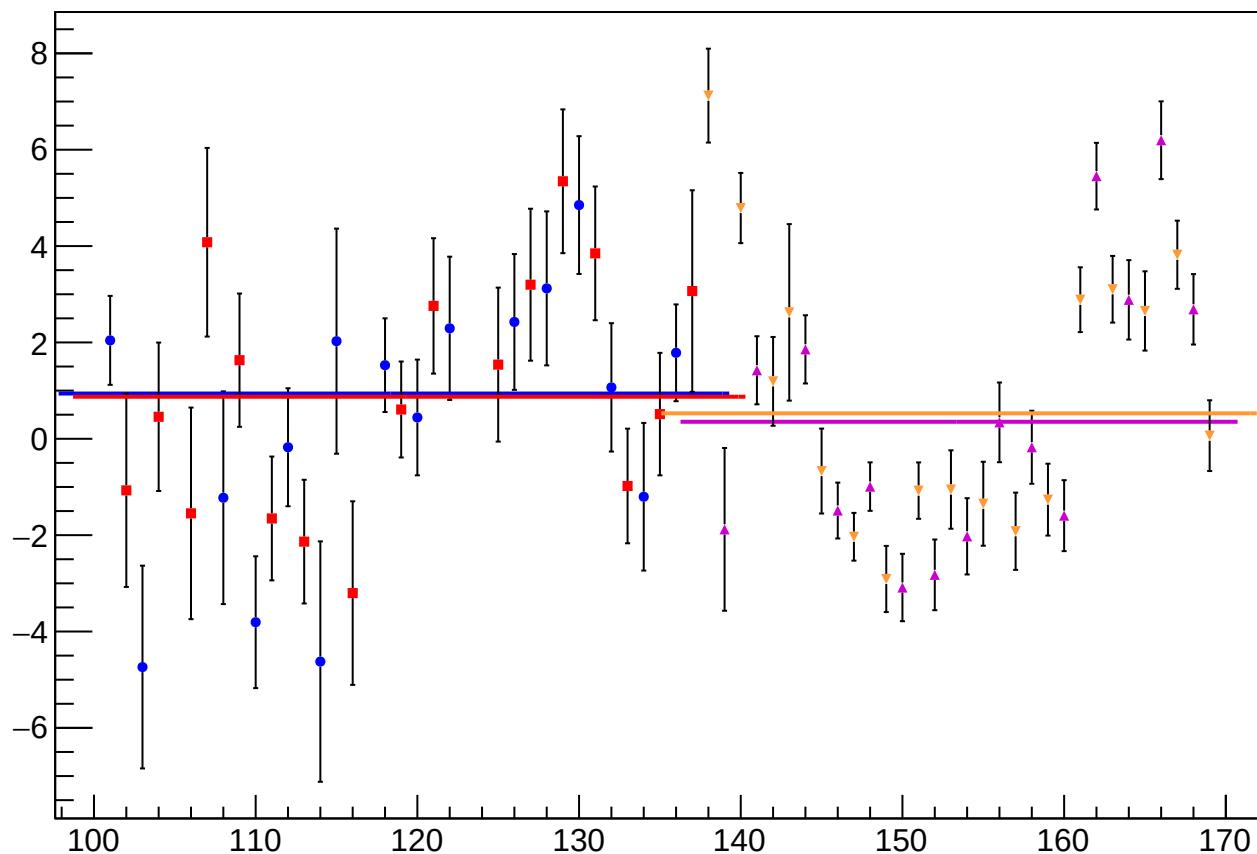
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.530 $\pm$ 0.253 χ^2 /NDF:453.0/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.446 $\pm$ 0.256 χ^2 /NDF:428.8/14

Left: -6.994 $\pm$ 0.180 χ^2 /NDF: 890.9/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.446 $\pm$ 0.256 χ^2 /NDF:428.8/14
 Out: -7.530 $\pm$ 0.253 χ^2 /NDF:453.0/16
 All: -6.994 $\pm$ 0.180 χ^2 /NDF: 890.9/31

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 $\pm$ 0.339 χ^2/NDF : 42.2/15

Left Out: 0.528 $\pm$ 0.181 χ^2/NDF :221.3/16

Right Out: 0.873 $\pm$ 0.354 χ^2/NDF : 40.6/16

Left In: 0.353 $\pm$ 0.186 χ^2/NDF :211.6/14

Left: 0.444 $\pm$ 0.130 χ^2/NDF : 433.4/31

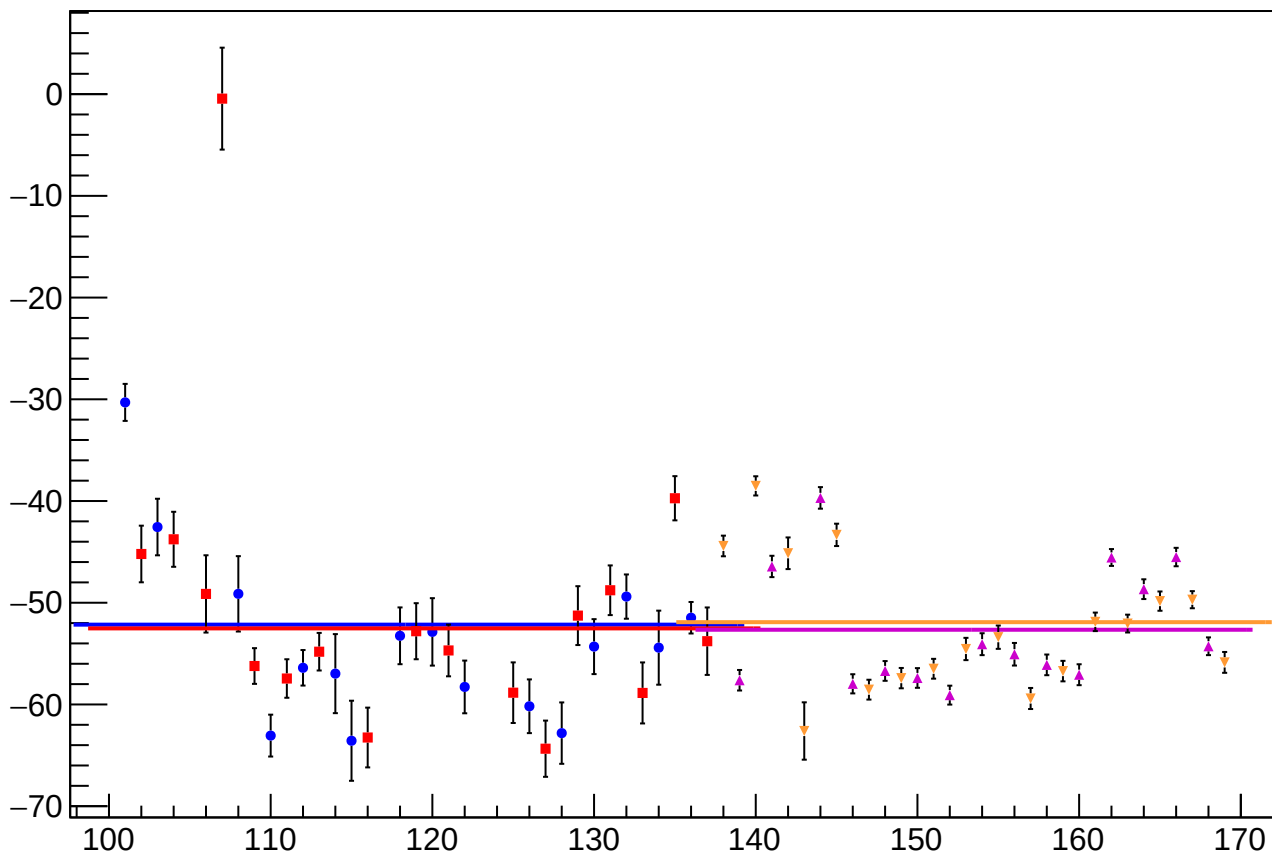
Right: 0.908 $\pm$ 0.245 χ^2/NDF : 82.8/32

In: 0.490 $\pm$ 0.163 χ^2/NDF :256.1/30

Out: 0.600 $\pm$ 0.161 χ^2/NDF :262.6/33

All: 0.545 $\pm$ 0.115 χ^2/NDF : 519.0/64

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

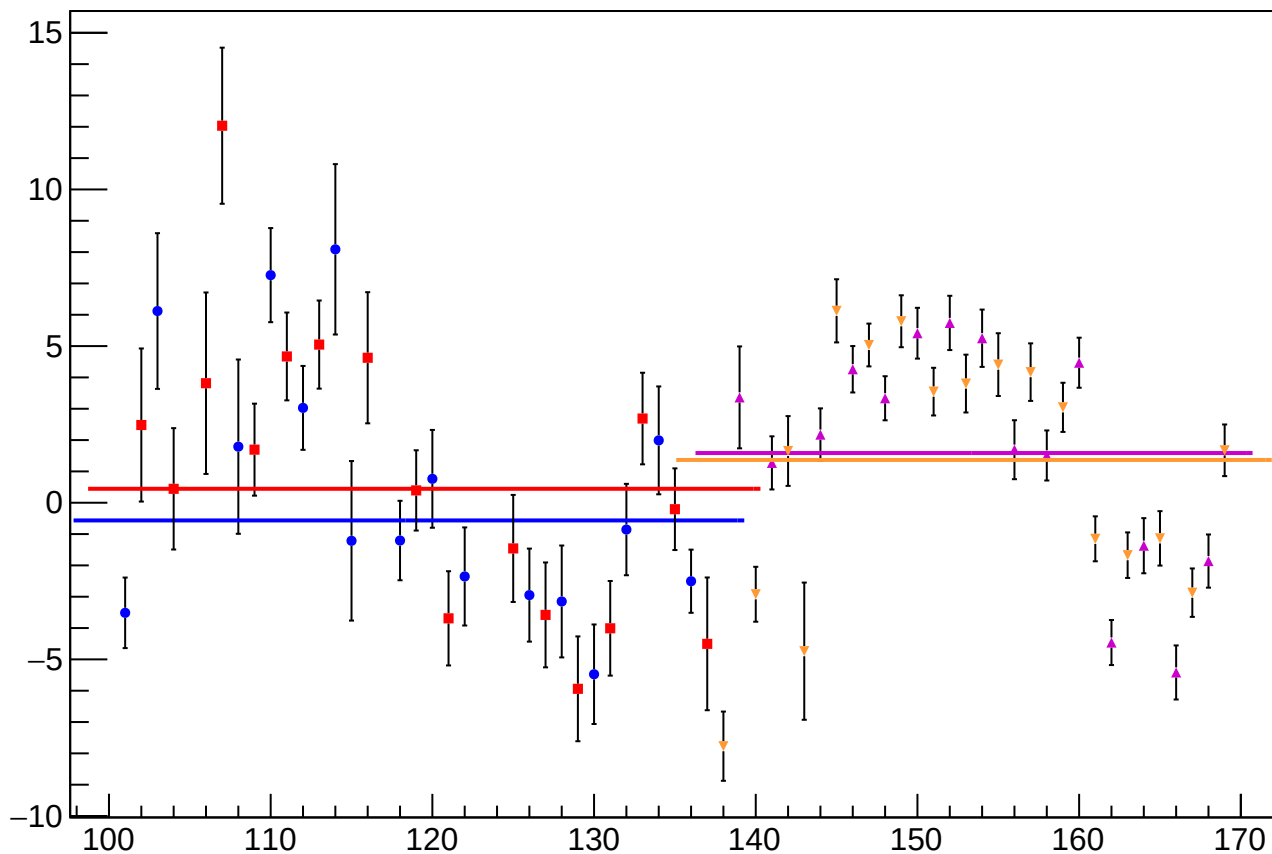


Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15
 Left Out: -51.909 ± 0.250 χ^2/NDF : 558.1/16
 Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16
 Left In: -52.656 ± 0.251 χ^2/NDF : 522.5/14

Left: -52.280 ± 0.177 χ^2/NDF : 1085.1/31
 Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32
 In: -52.584 ± 0.233 χ^2/NDF : 754.2/30
 Out: -51.995 ± 0.231 χ^2/NDF : 776.7/33

All: -52.288 ± 0.164 χ^2/NDF : 1534.0/64

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: 1.366 ± 0.210 χ^2/NDF : 286.4/16

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.587 ± 0.217 χ^2/NDF : 259.8/14

Left: 1.473 ± 0.151 χ^2/NDF : 546.8/31

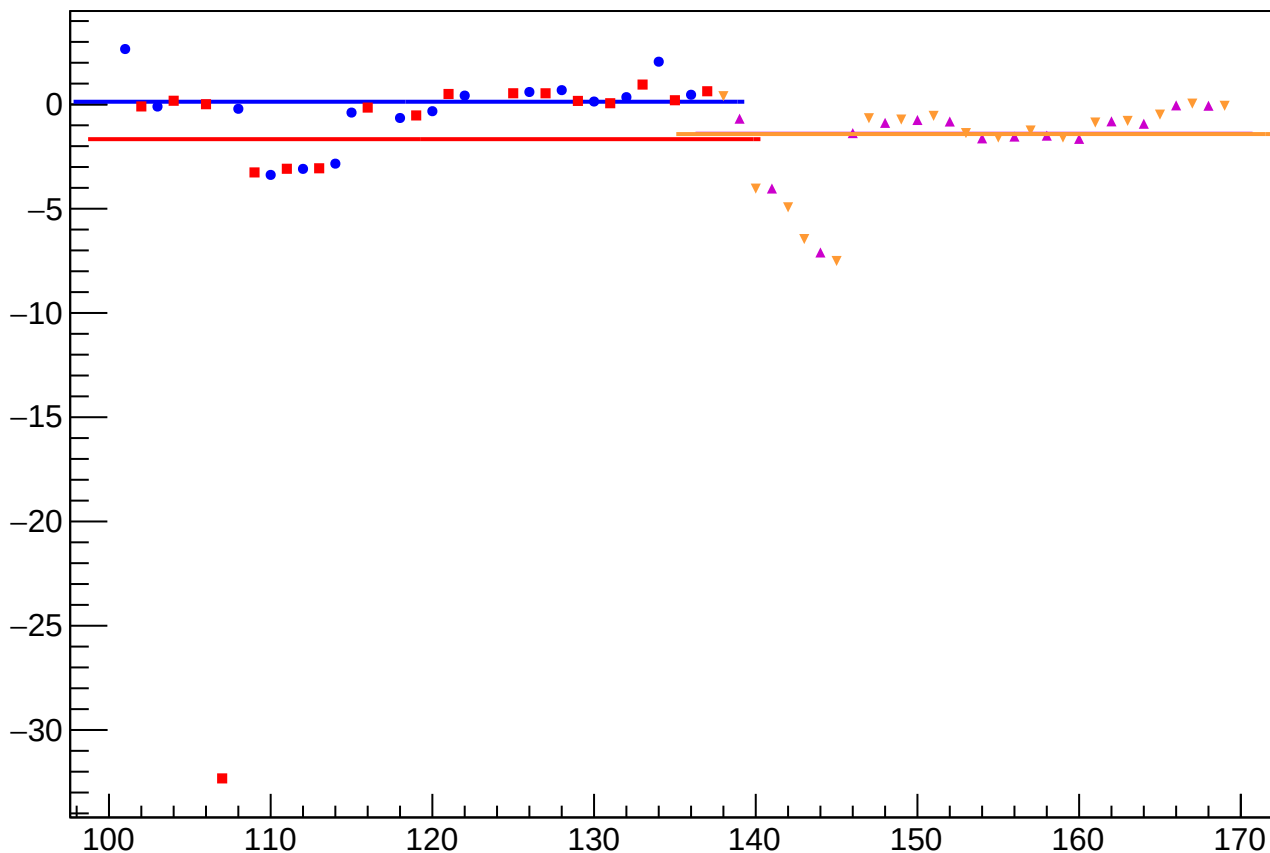
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.068 ± 0.189 χ^2/NDF : 365.4/30

Out: 1.168 ± 0.186 χ^2/NDF : 384.7/33

All: 1.119 ± 0.132 χ^2/NDF : 750.2/64

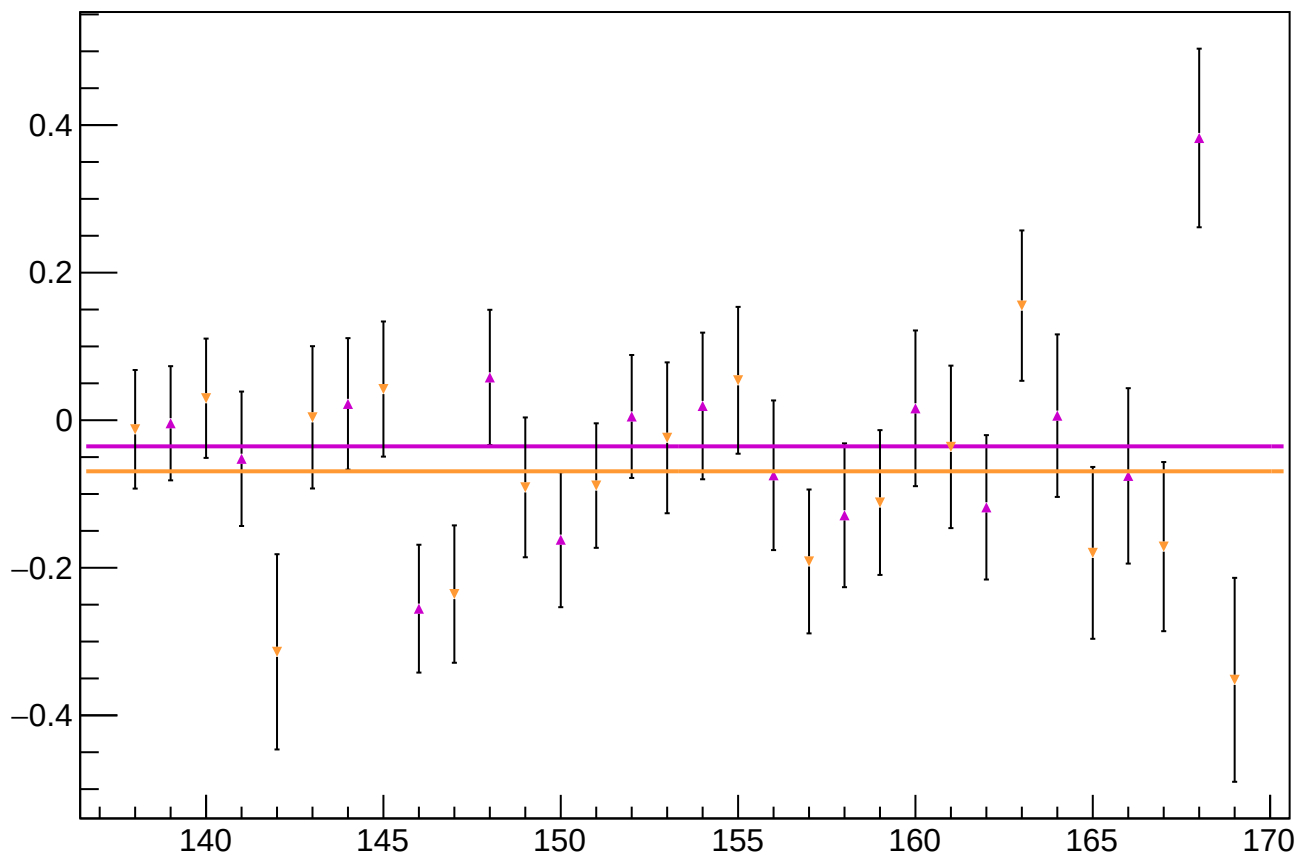
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.420 ± 0.010 $\chi^2/\text{NDF}: 36462.6/16$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.404 ± 0.010 $\chi^2/\text{NDF}: 23428.5/14$

Left: -1.412 ± 0.007 $\chi^2/\text{NDF}: 59892.4/31$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.136 ± 0.009 $\chi^2/\text{NDF}: 32860.7/30$
 Out: -1.461 ± 0.009 $\chi^2/\text{NDF}: 114169.6/33$
 All: -1.300 ± 0.006 $\chi^2/\text{NDF}: 147685.0/64$

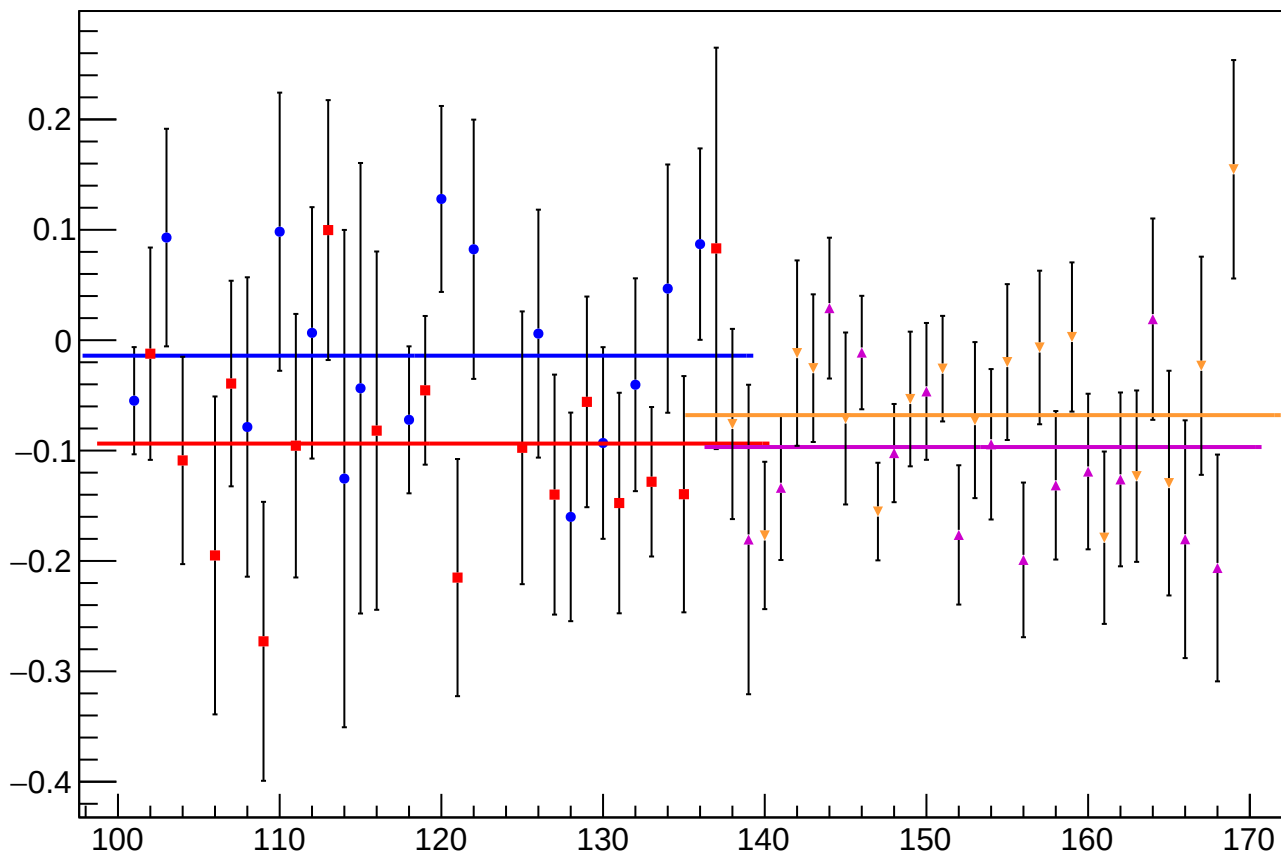
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.069 $\pm$ 0.024 χ^2 /NDF:25.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.035 $\pm$ 0.025 χ^2 /NDF:24.8/14

Left: -0.053 $\pm$ 0.017 χ^2 /NDF: 50.8/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.035 $\pm$ 0.025 χ^2 /NDF:24.8/14
 Out: -0.069 $\pm$ 0.024 χ^2 /NDF:25.1/16
 All: -0.053 $\pm$ 0.017 χ^2 /NDF: 50.8/31

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: -0.068 ± 0.017 χ^2/NDF : 18.8/16

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.097 ± 0.018 χ^2/NDF : 15.6/14

Left: -0.082 ± 0.012 χ^2/NDF : 35.8/31

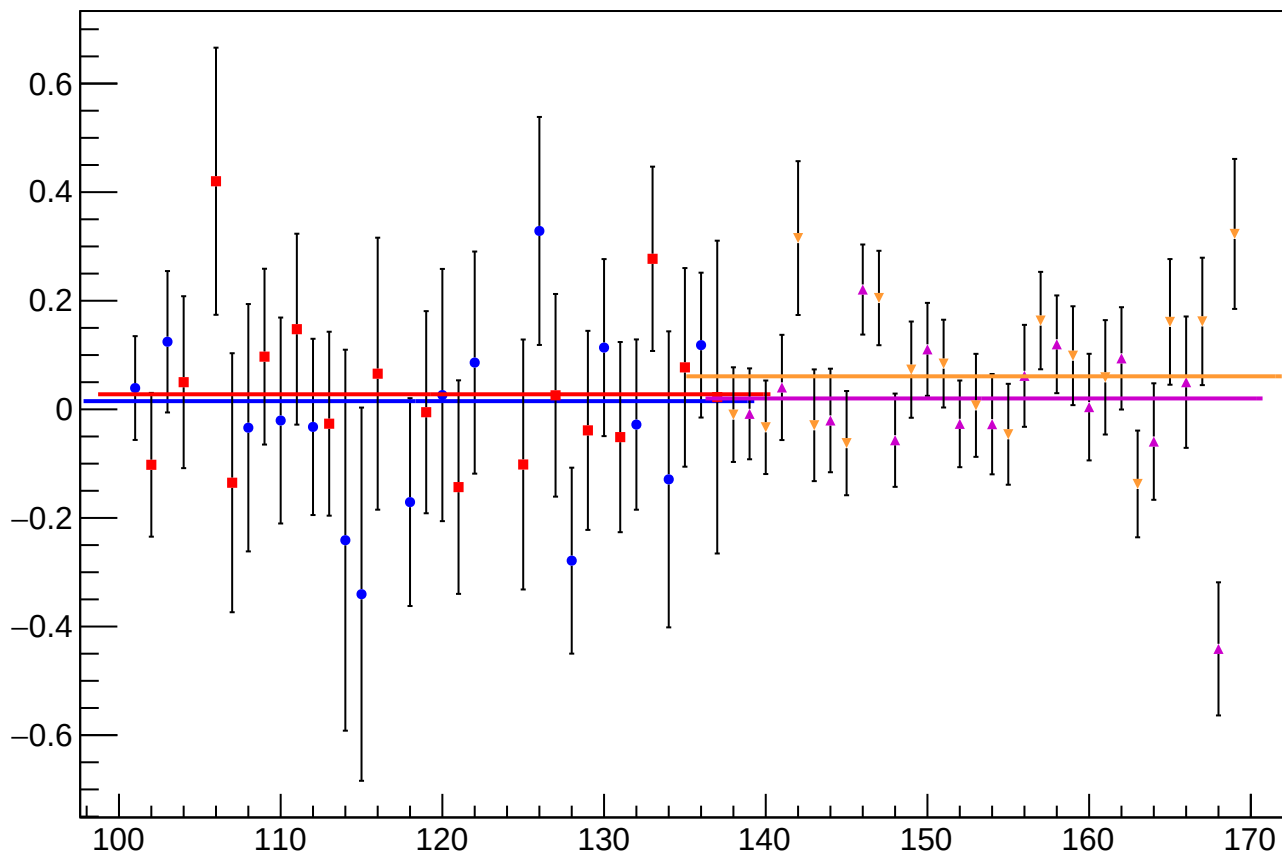
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.067 ± 0.014 χ^2/NDF : 36.1/30

Out: -0.076 ± 0.014 χ^2/NDF : 29.6/33

All: -0.071 ± 0.010 χ^2/NDF : 65.9/64

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.061 $\pm$ 0.024 χ^2 /NDF:22.6/16

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.020 $\pm$ 0.024 χ^2 /NDF:25.5/14

Left: 0.041 $\pm$ 0.017 χ^2 /NDF: 49.6/31

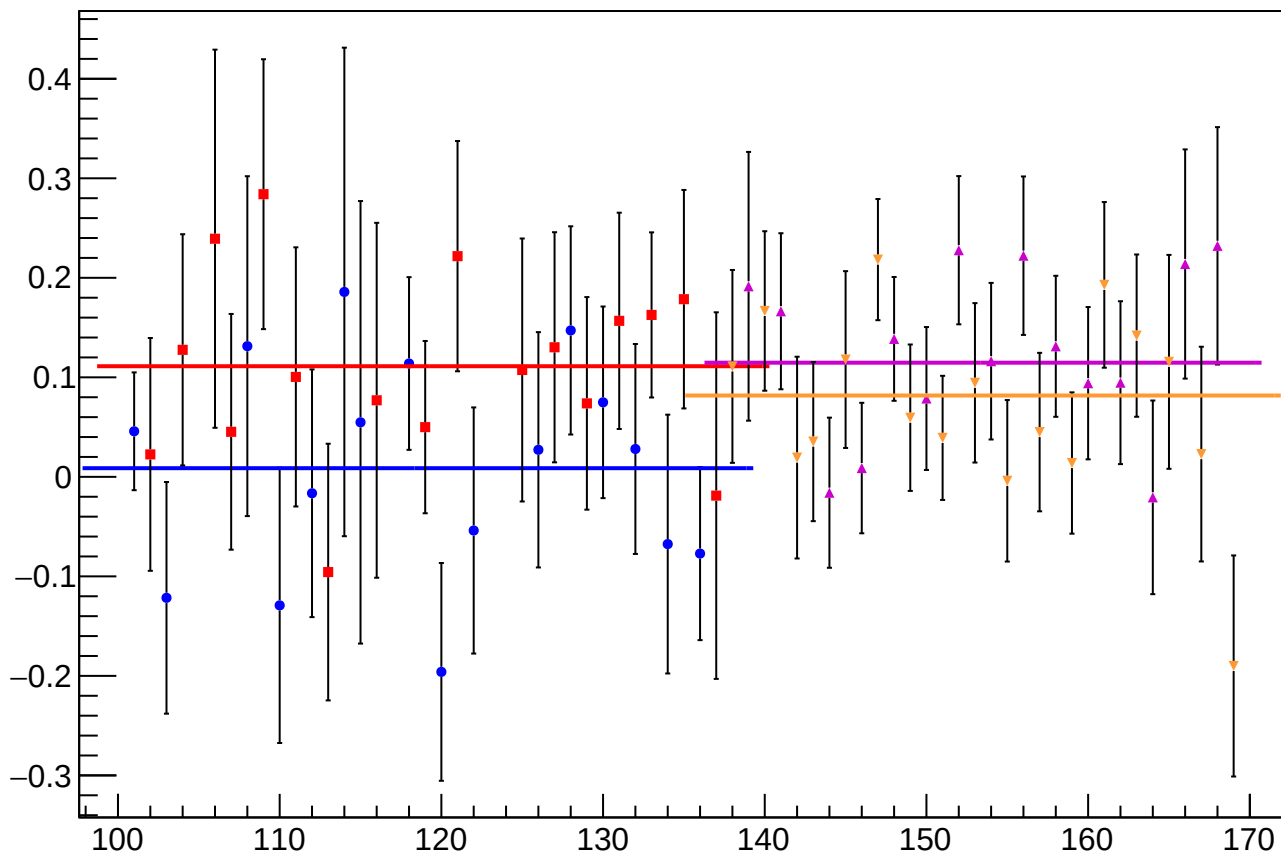
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.019 $\pm$ 0.021 χ^2 /NDF:35.6/30

Out: 0.054 $\pm$ 0.021 χ^2 /NDF:31.5/33

All: 0.036 $\pm$ 0.015 χ^2 /NDF: 68.5/64

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: 0.082 $\pm$ 0.020 χ^2 /NDF:18.7/16

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.115 $\pm$ 0.021 χ^2 /NDF:14.7/14

Left: 0.097 $\pm$ 0.014 χ^2 /NDF: 34.7/31

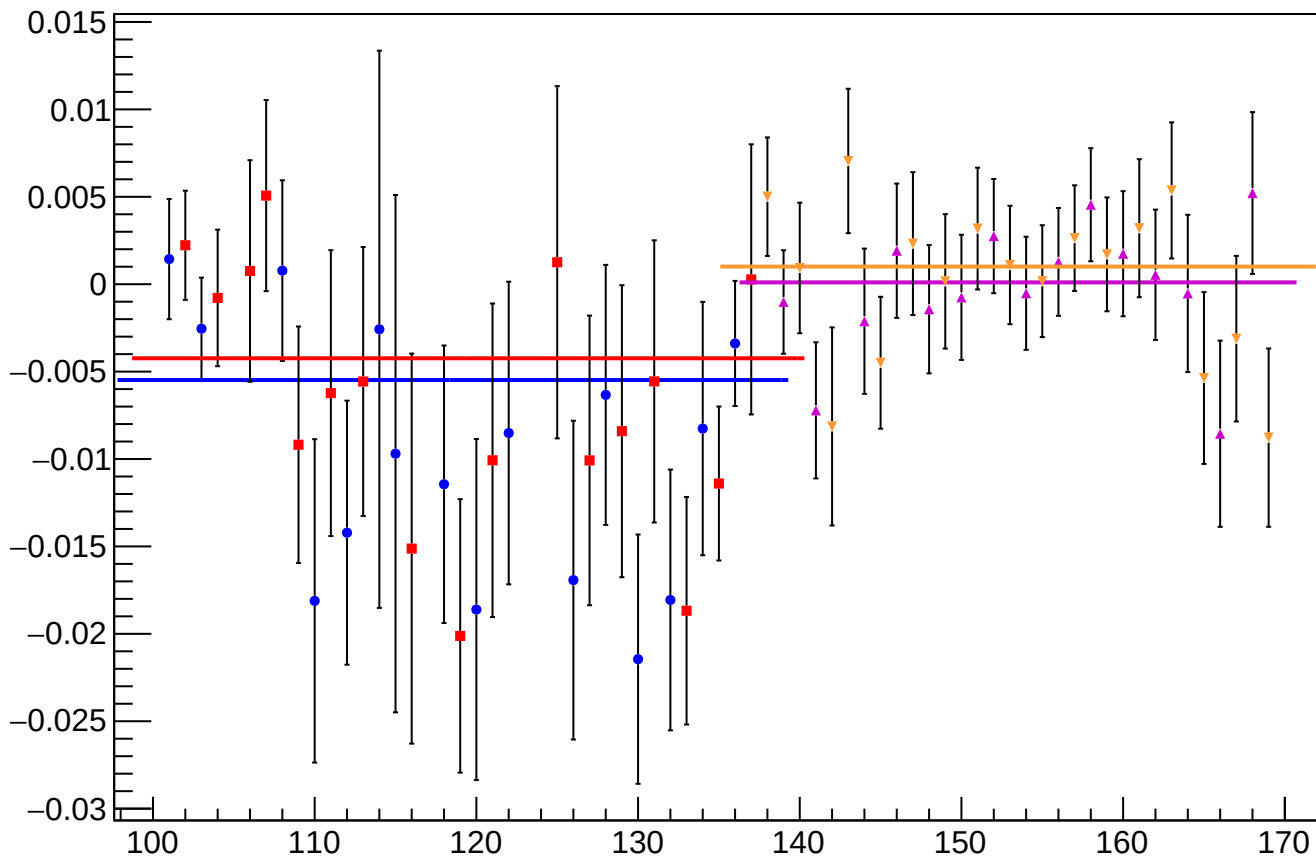
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.075 $\pm$ 0.016 χ^2 /NDF:37.1/30

Out: 0.091 $\pm$ 0.016 χ^2 /NDF:28.0/33

All: 0.083 $\pm$ 0.012 χ^2 /NDF: 65.5/64

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 16.9/16

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 11.2/14

Left: 0.001 ± 0.001 χ^2/NDF : 28.6/31

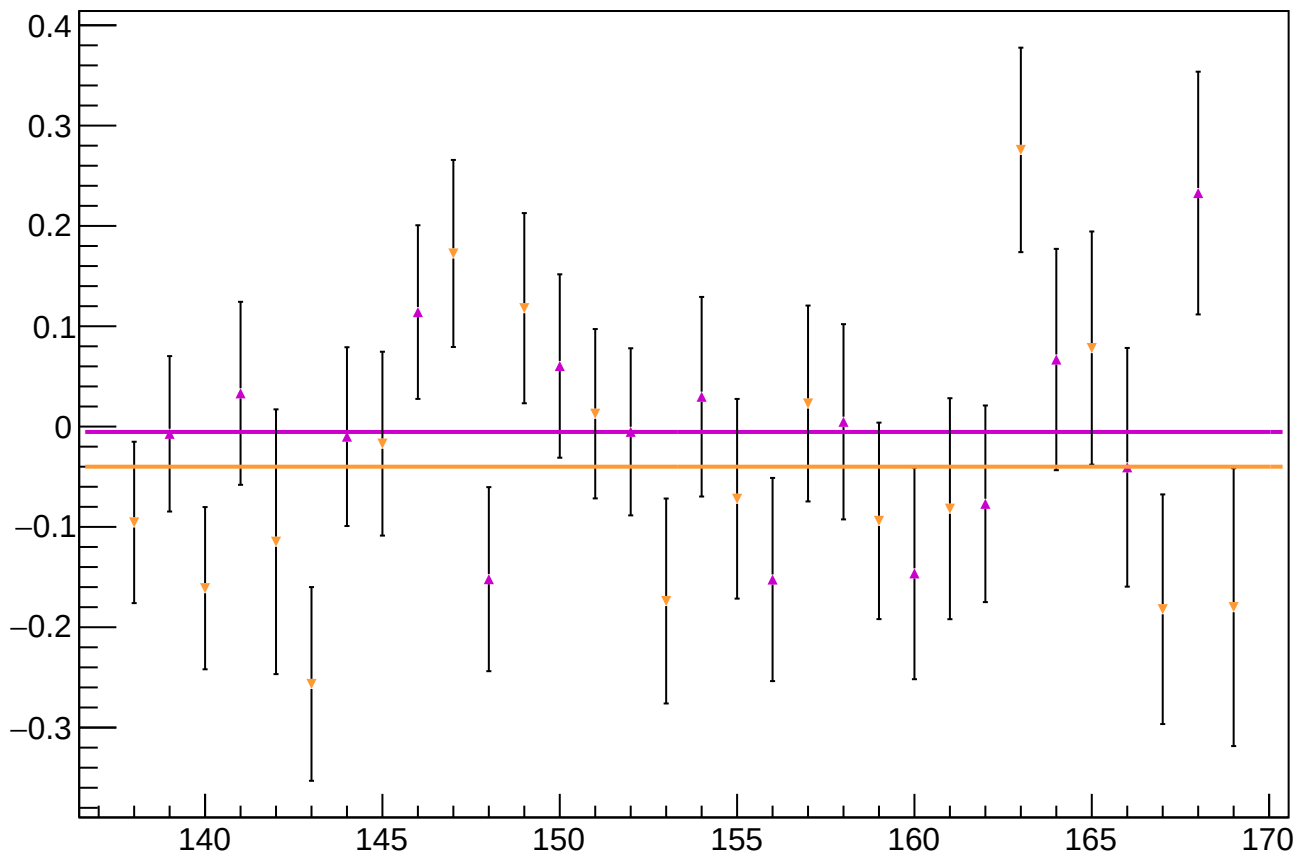
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 44.1/30

Out: -0.000 ± 0.001 χ^2/NDF : 49.7/33

All: -0.001 ± 0.001 χ^2/NDF : 94.8/64

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: -0.040 $\pm$ 0.024 χ^2 /NDF:32.4/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.005 $\pm$ 0.025 χ^2 /NDF:14.1/14

Left: -0.023 $\pm$ 0.017 χ^2 /NDF: 47.5/31

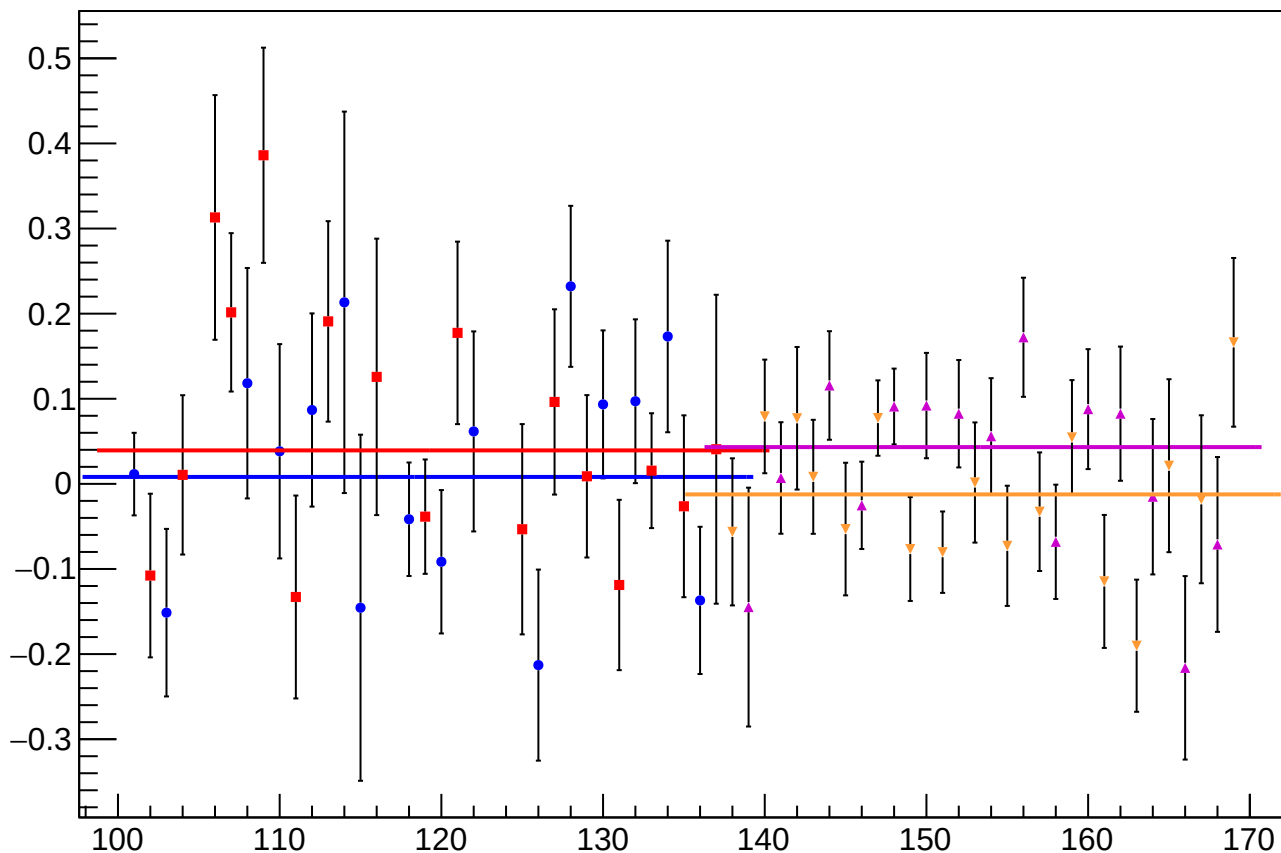
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.005 $\pm$ 0.025 χ^2 /NDF:14.1/14

Out: -0.040 $\pm$ 0.024 χ^2 /NDF:32.4/16

All: -0.023 $\pm$ 0.017 χ^2 /NDF: 47.5/31

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 χ^2/NDF : 23.7/15

Left Out: -0.012 ± 0.017 χ^2/NDF : 23.0/16

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.043 ± 0.018 χ^2/NDF : 21.6/14

Left: 0.014 ± 0.012 χ^2/NDF : 49.9/31

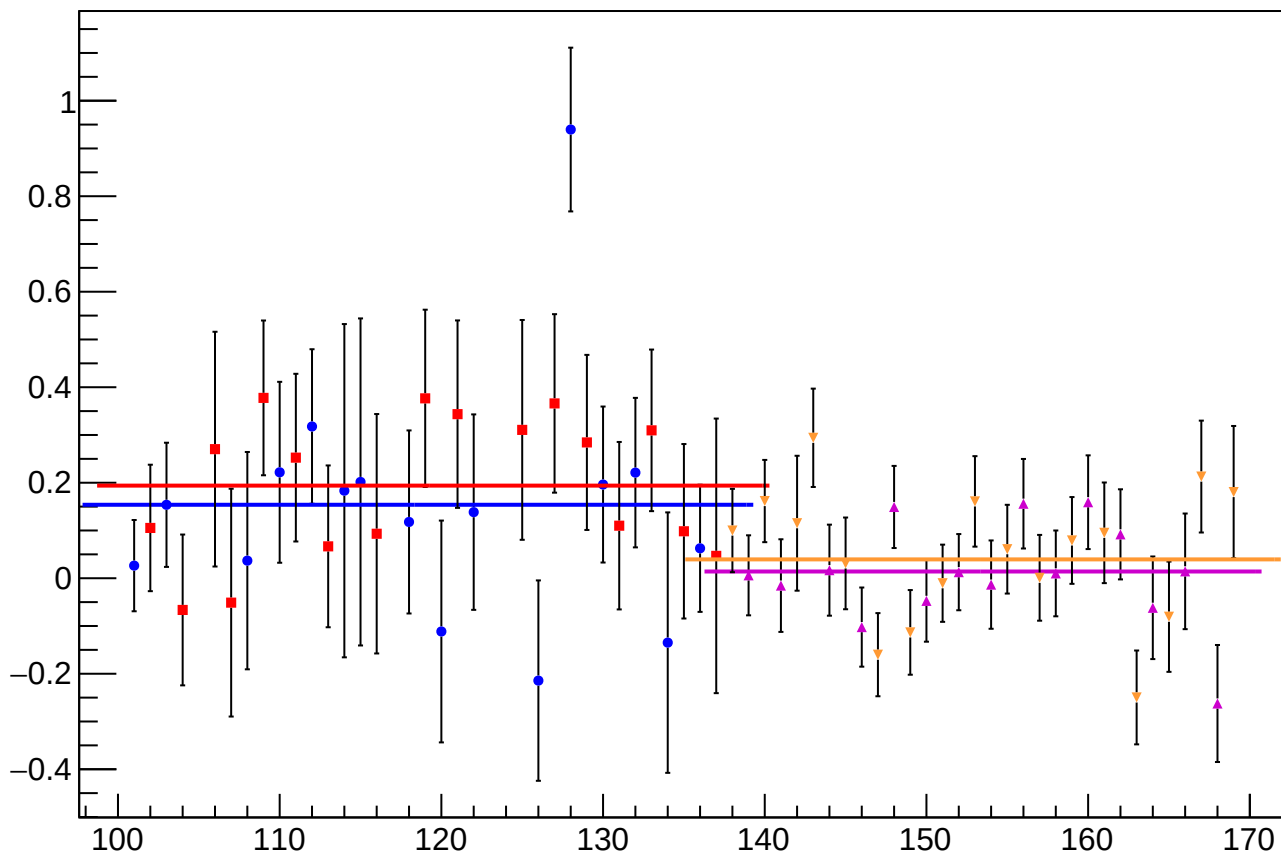
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.030 ± 0.014 χ^2/NDF : 46.7/30

Out: 0.004 ± 0.014 χ^2/NDF : 53.6/33

All: 0.017 ± 0.010 χ^2/NDF : 102.1/64

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.039 ± 0.024 $\chi^2/\text{NDF}: 32.8/16$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.014 ± 0.024 $\chi^2/\text{NDF}: 15.9/14$

Left: 0.027 ± 0.017 $\chi^2/\text{NDF}: 49.3/31$

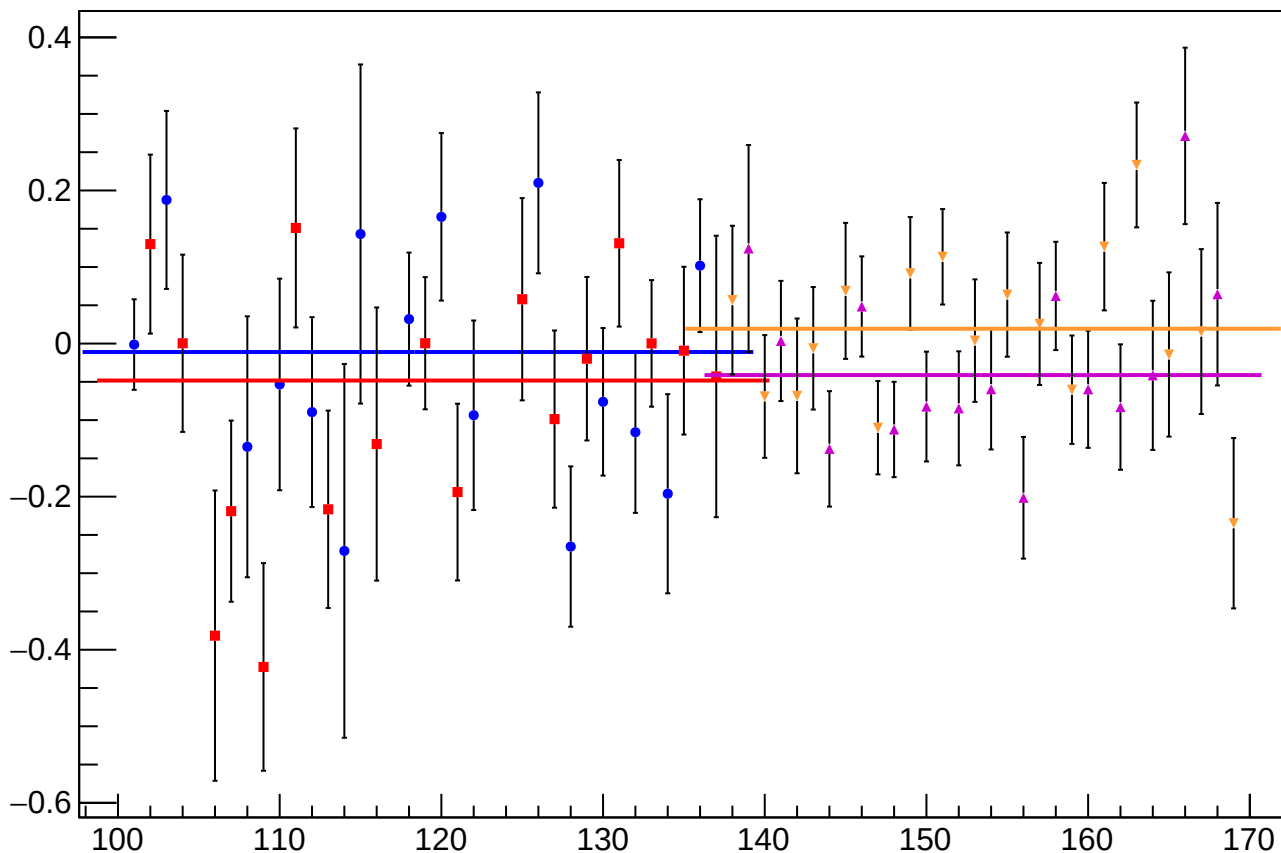
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.048 ± 0.021 $\chi^2/\text{NDF}: 54.5/30$

Out: 0.073 ± 0.021 $\chi^2/\text{NDF}: 52.6/33$

All: 0.060 ± 0.015 $\chi^2/\text{NDF}: 107.9/64$

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: 0.019 ± 0.020 χ^2/NDF : 25.7/16

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.041 ± 0.021 χ^2/NDF : 22.0/14

Left: -0.010 ± 0.014 χ^2/NDF : 52.2/31

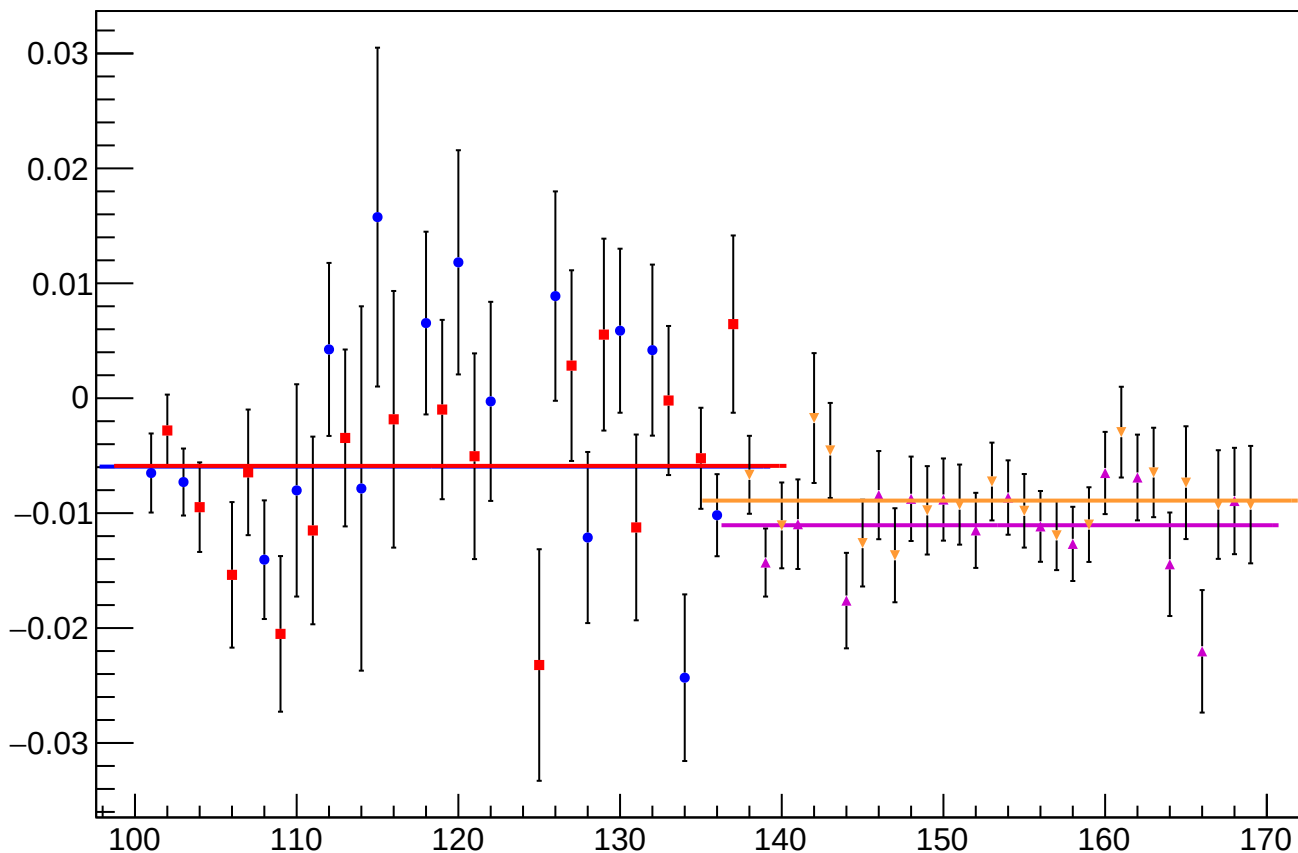
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.030 ± 0.016 χ^2/NDF : 46.2/30

Out: -0.002 ± 0.016 χ^2/NDF : 55.1/33

All: -0.016 ± 0.012 χ^2/NDF : 102.7/64

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 $\chi^2/\text{NDF}: 28.7/15$

Left Out: -0.009 ± 0.001 $\chi^2/\text{NDF}: 10.4/16$

Right Out: -0.006 ± 0.001 $\chi^2/\text{NDF}: 19.6/16$

Left In: -0.011 ± 0.001 $\chi^2/\text{NDF}: 13.6/14$

Left: -0.010 ± 0.001 $\chi^2/\text{NDF}: 26.7/31$

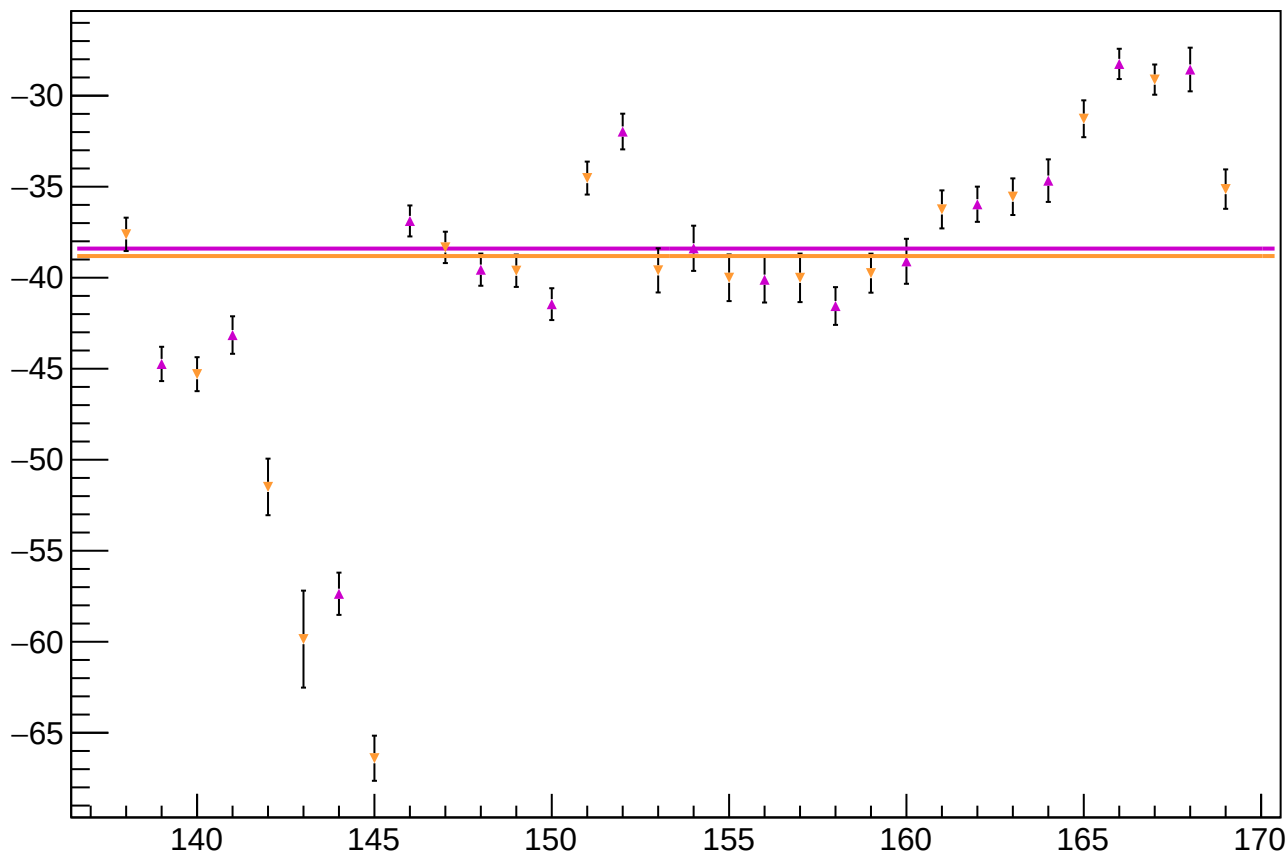
Right: -0.006 ± 0.001 $\chi^2/\text{NDF}: 48.3/32$

In: -0.010 ± 0.001 $\chi^2/\text{NDF}: 51.2/30$

Out: -0.008 ± 0.001 $\chi^2/\text{NDF}: 33.0/33$

All: -0.009 ± 0.001 $\chi^2/\text{NDF}: 85.9/64$

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: -38.810+/-0.256 χ^2/NDF :920.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.400+/-0.261 χ^2/NDF :637.8/14

Left: -38.610+/-0.183 χ^2/NDF : 1559.7/31

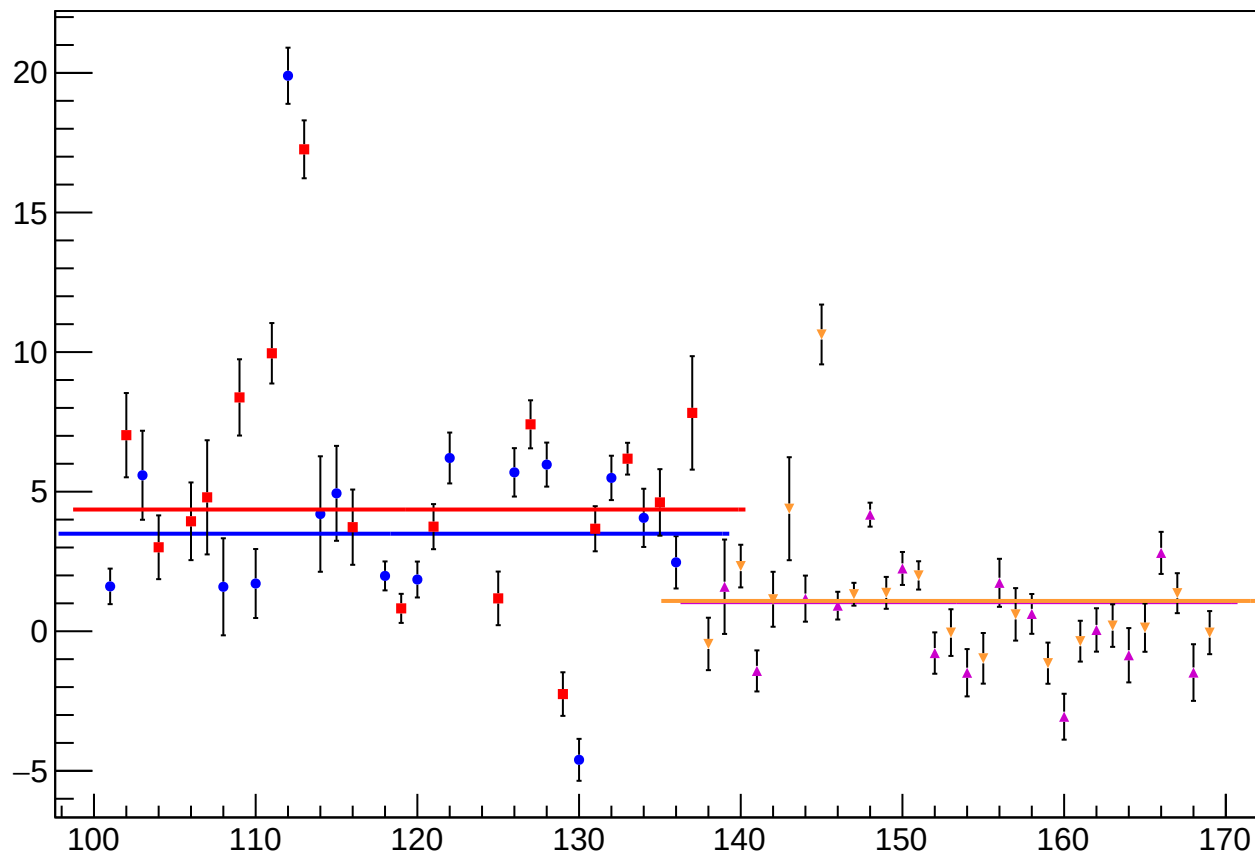
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.400+/-0.261 χ^2/NDF :637.8/14

Out: -38.810+/-0.256 χ^2/NDF :920.6/16

All: -38.610+/-0.183 χ^2/NDF : 1559.7/31

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.086 $\pm$ 0.176 χ^2 /NDF:117.0/16

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.042 $\pm$ 0.184 χ^2 /NDF:126.9/14

Left: 1.065 $\pm$ 0.127 χ^2 /NDF: 243.9/31

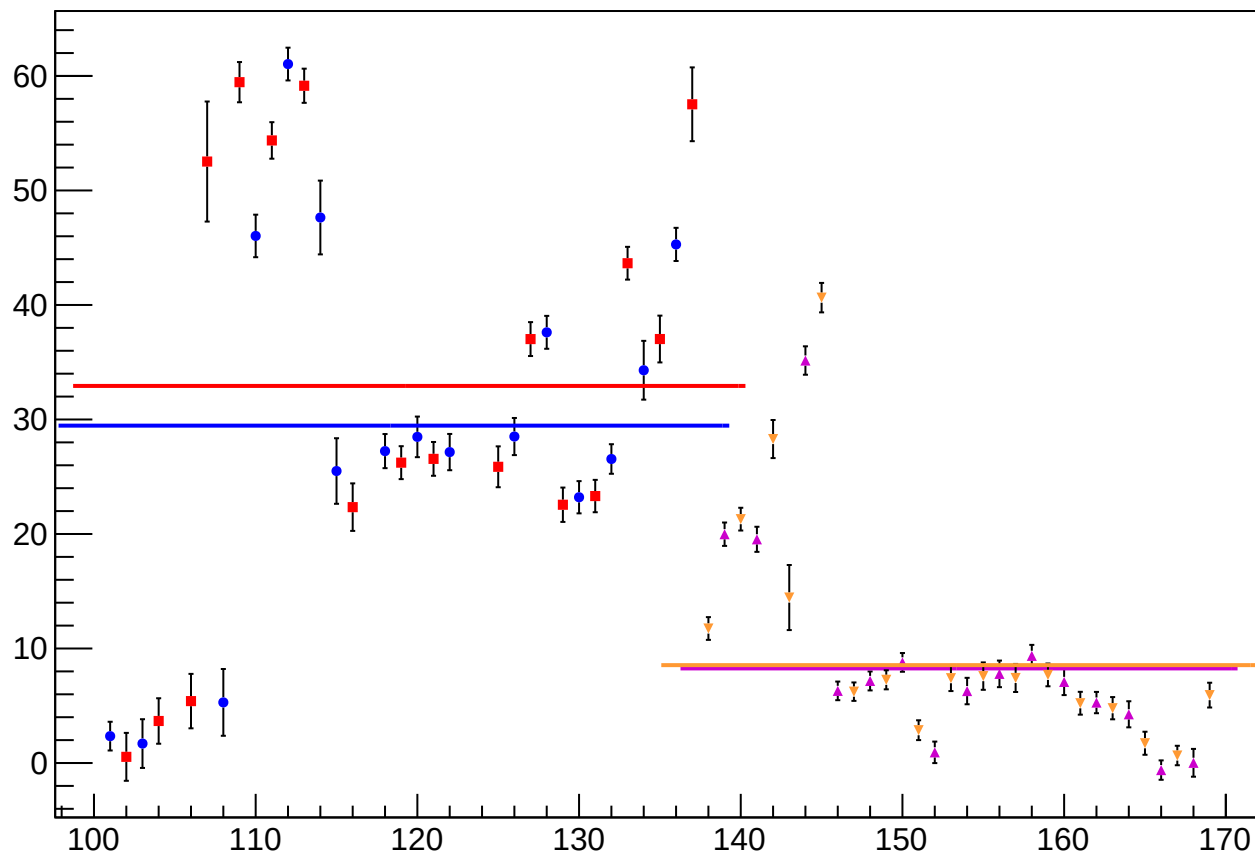
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.065 $\pm$ 0.141 χ^2 /NDF:645.8/30

Out: 2.329 $\pm$ 0.139 χ^2 /NDF:598.9/33

All: 2.199 $\pm$ 0.099 χ^2 /NDF: 1246.4/64

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 ± 0.418 χ^2/NDF : 1491.6/15

Left Out: 8.547 ± 0.251 χ^2/NDF : 1164.0/16

Right Out: 32.930 ± 0.423 χ^2/NDF : 1624.4/16

Left In: 8.260 ± 0.255 χ^2/NDF : 960.3/14

Left: 8.406 ± 0.179 χ^2/NDF : 2124.9/31

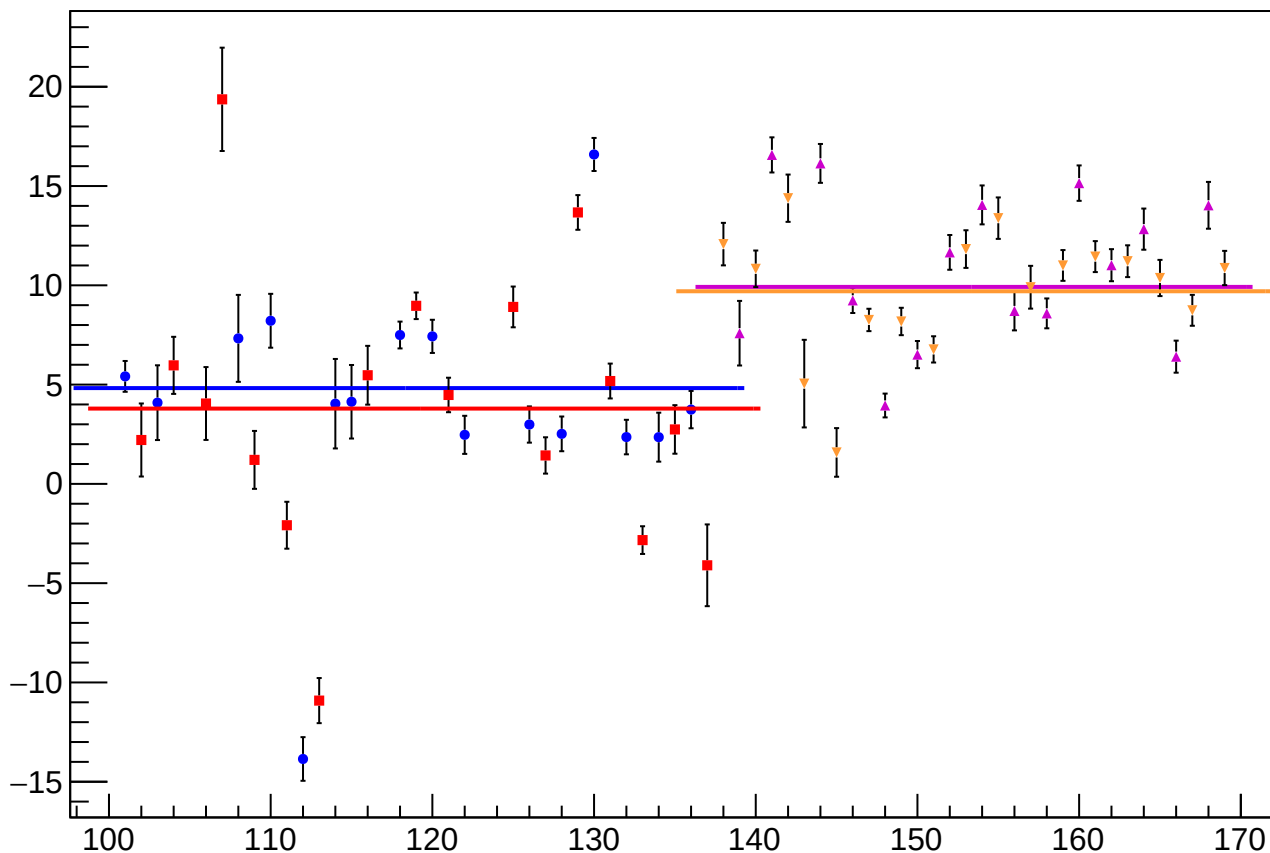
Right: 31.172 ± 0.297 χ^2/NDF : 3150.0/32

In: 14.022 ± 0.218 χ^2/NDF : 4329.9/30

Out: 14.878 ± 0.216 χ^2/NDF : 5242.5/33

All: 14.454 ± 0.153 χ^2/NDF : 9580.3/64

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: 9.700 ± 0.208 $\chi^2/\text{NDF}: 134.1/16$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.920 ± 0.217 $\chi^2/\text{NDF}: 325.5/14$

Left: 9.806 ± 0.150 $\chi^2/\text{NDF}: 460.2/31$

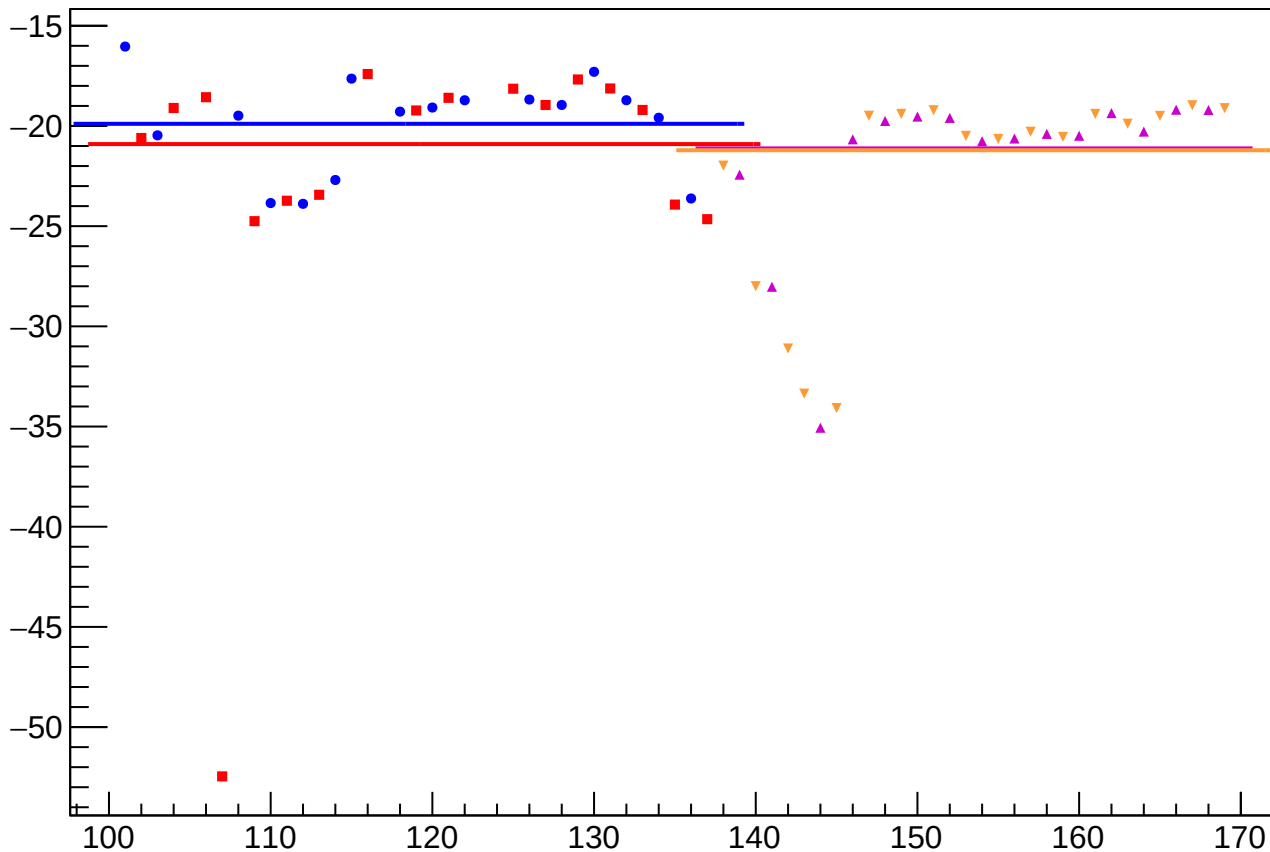
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 7.746 ± 0.164 $\chi^2/\text{NDF}: 1113.6/30$

Out: 7.384 ± 0.162 $\chi^2/\text{NDF}: 1014.2/33$

All: 7.563 ± 0.115 $\chi^2/\text{NDF}: 2130.3/64$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -21.165 ± 0.007 $\chi^2/\text{NDF}: 247426.2/31$

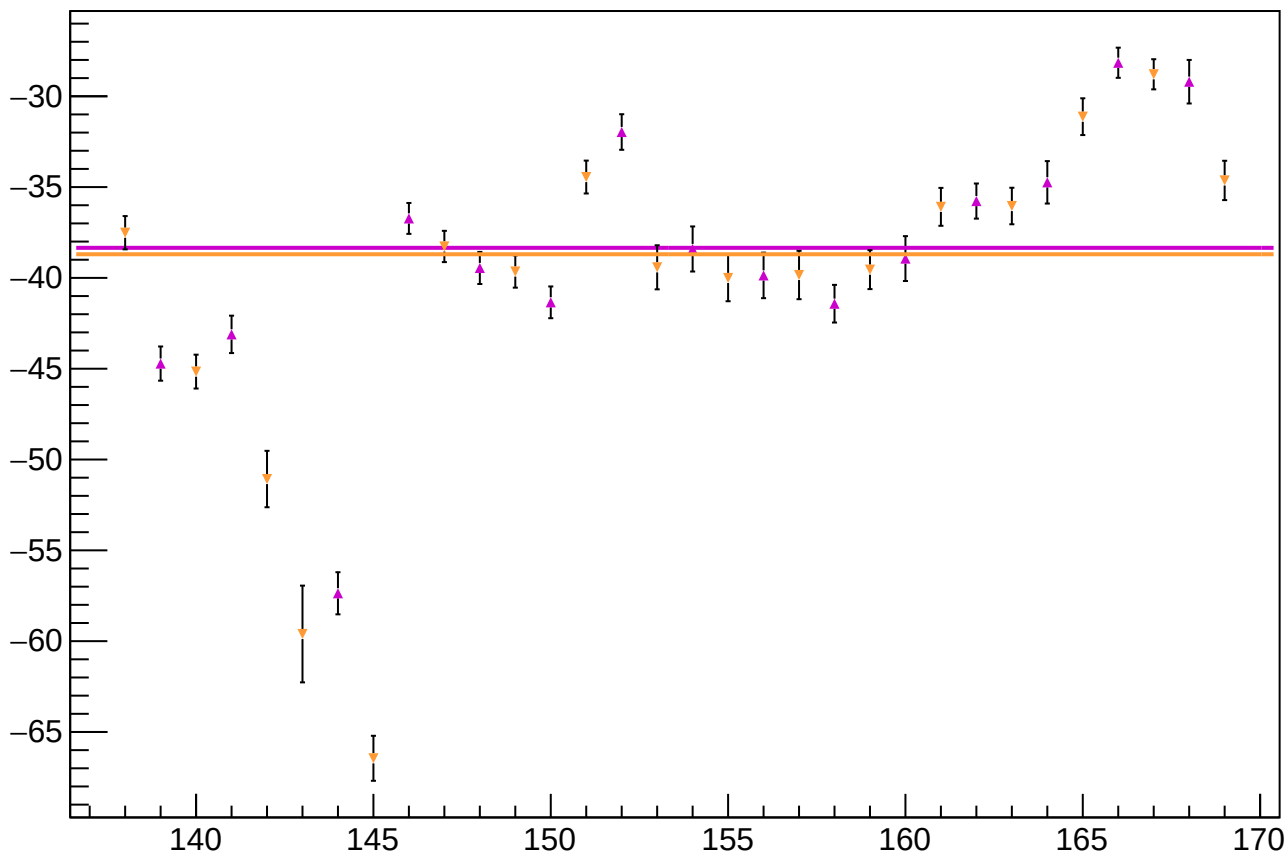
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.753 ± 0.009 $\chi^2/\text{NDF}: 134892.2/30$

Out: -21.123 ± 0.008 $\chi^2/\text{NDF}: 236002.3/33$

All: -20.940 ± 0.006 $\chi^2/\text{NDF}: 371849.2/64$

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: -38.699+/-0.256 χ^2/NDF : 928.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.345+/-0.261 χ^2/NDF : 631.5/14

Left: -38.525+/-0.183 χ^2/NDF : 1561.2/31

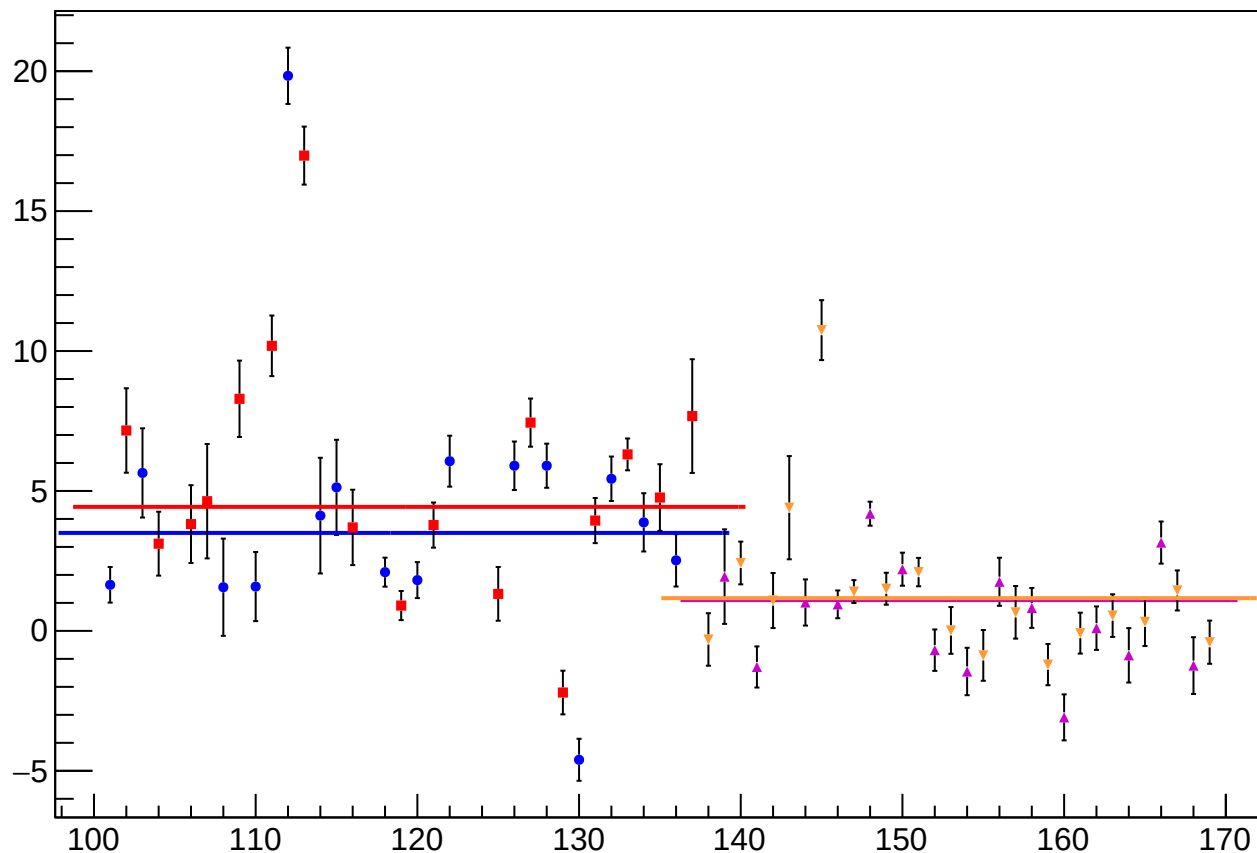
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.345+/-0.261 χ^2/NDF : 631.5/14

Out: -38.699+/-0.256 χ^2/NDF : 928.8/16

All: -38.525+/-0.183 χ^2/NDF : 1561.2/31

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.170 $\pm$ 0.176 χ^2 /NDF:118.9/16

Right Out: 4.432 $\pm$ 0.225 χ^2 /NDF: 343.6/16

Left In: 1.100 $\pm$ 0.184 χ^2 /NDF:126.5/14

Left: 1.137 $\pm$ 0.127 χ^2 /NDF: 245.5/31

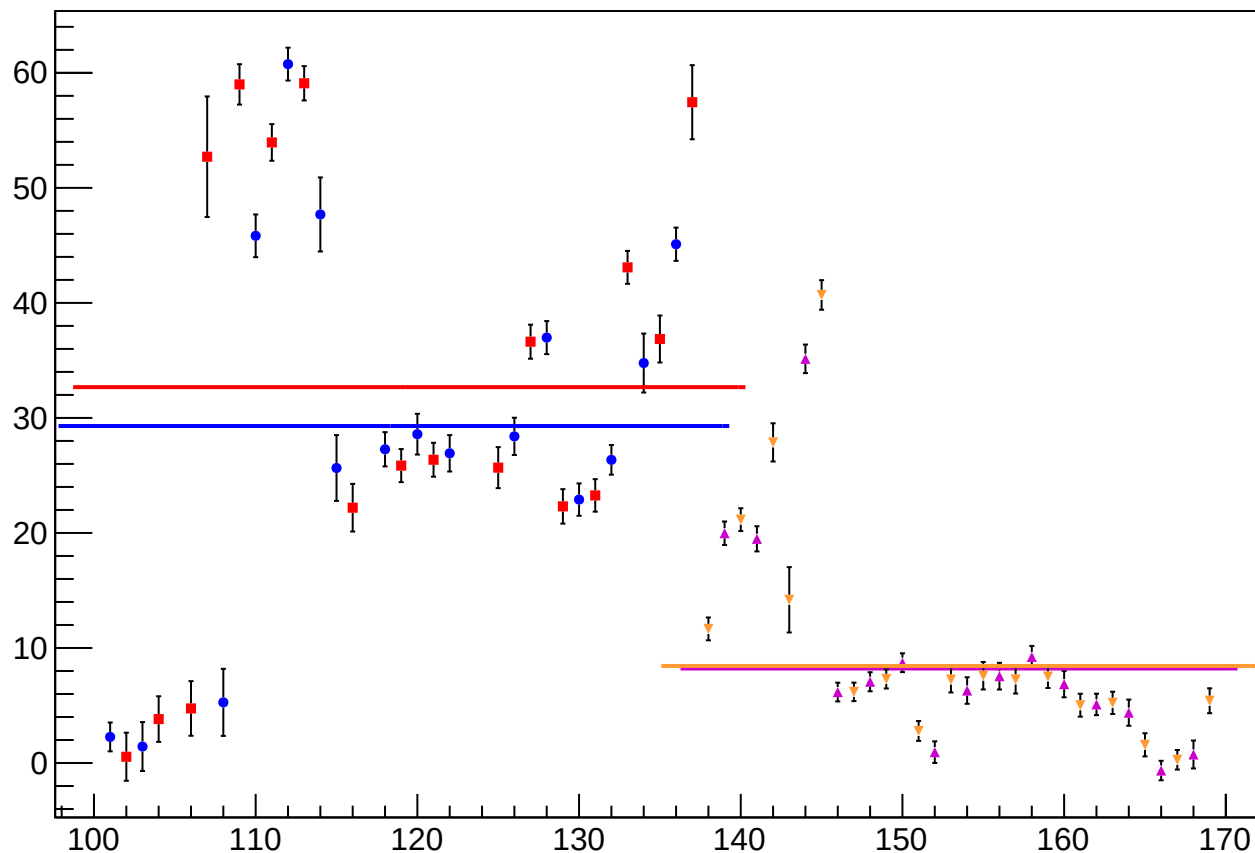
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.102 $\pm$ 0.141 χ^2 /NDF:639.4/30

Out: 2.409 $\pm$ 0.139 χ^2 /NDF:592.6/33

All: 2.258 $\pm$ 0.099 χ^2 /NDF: 1234.4/64

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 8.438 $\pm$ 0.251 χ^2 /NDF: 1170.0/16

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 8.217 $\pm$ 0.255 χ^2 /NDF: 955.1/14

Left: 8.329 $\pm$ 0.179 χ^2 /NDF: 2125.5/31

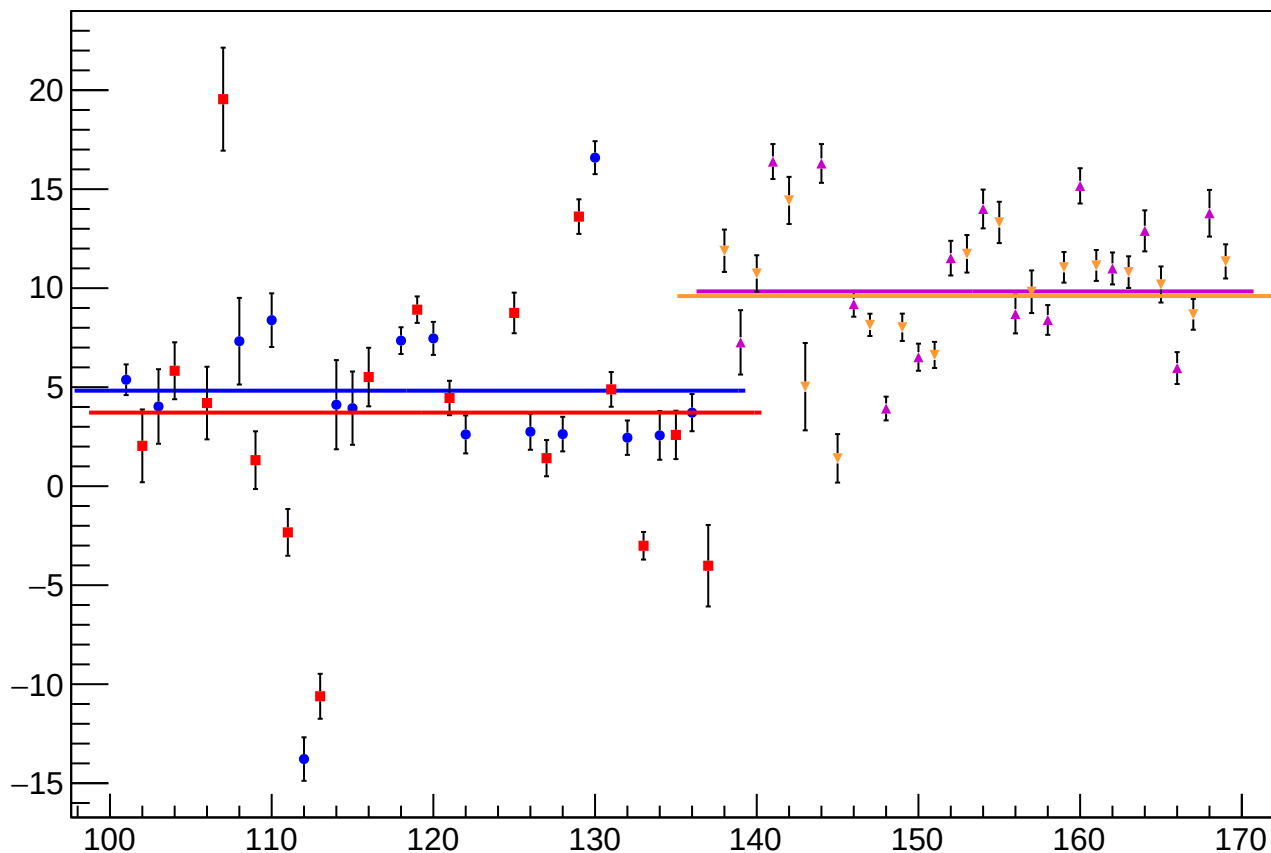
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 13.945 $\pm$ 0.218 χ^2 /NDF: 4299.2/30

Out: 14.733 $\pm$ 0.216 χ^2 /NDF: 5213.7/33

All: 14.343 $\pm$ 0.153 χ^2 /NDF: 9519.6/64

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.601 ± 0.208 χ^2/NDF : 137.4/16

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.837 ± 0.217 χ^2/NDF : 330.8/14

Left: 9.714 ± 0.150 χ^2/NDF : 468.8/31

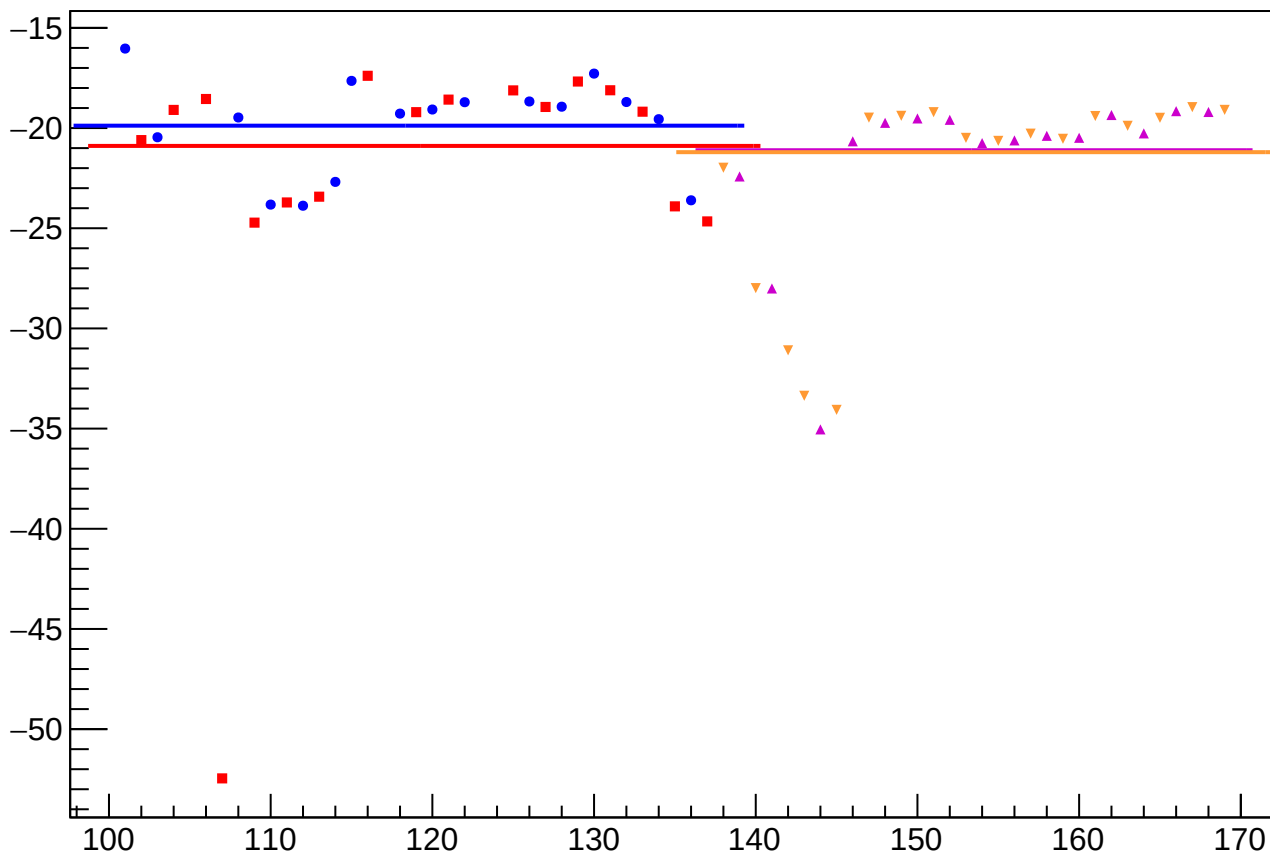
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.698 ± 0.164 χ^2/NDF : 1107.8/30

Out: 7.294 ± 0.162 χ^2/NDF : 1011.7/33

All: 7.493 ± 0.115 χ^2/NDF : 2122.6/64

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: -21.203 ± 0.010 $\chi^2/\text{NDF}: 143057.1/16$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -21.106 ± 0.010 $\chi^2/\text{NDF}: 104454.6/14$

Left: -21.155 ± 0.007 $\chi^2/\text{NDF}: 247557.6/31$

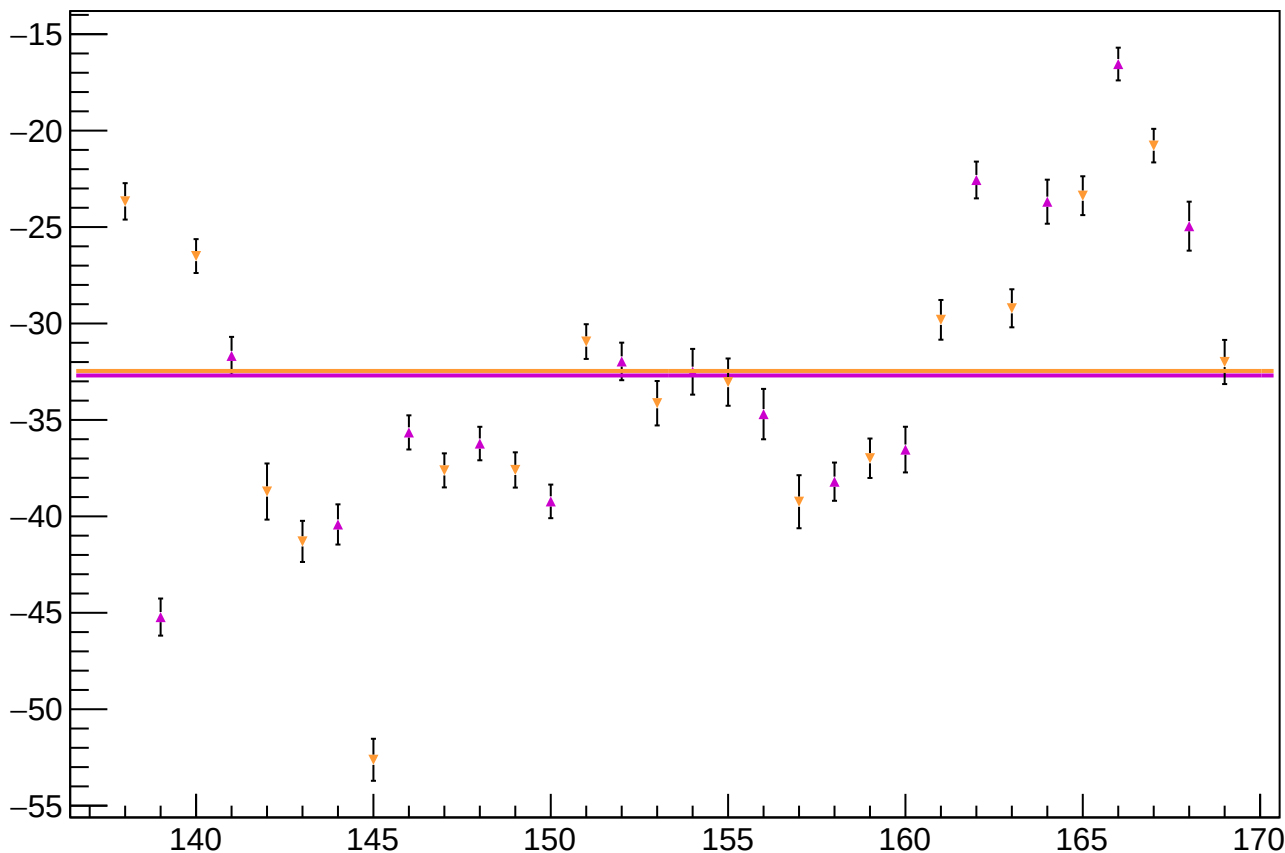
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.741 ± 0.008 $\chi^2/\text{NDF}: 134887.1/30$

Out: -21.113 ± 0.008 $\chi^2/\text{NDF}: 236251.7/33$

All: -20.929 ± 0.006 $\chi^2/\text{NDF}: 372104.9/64$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



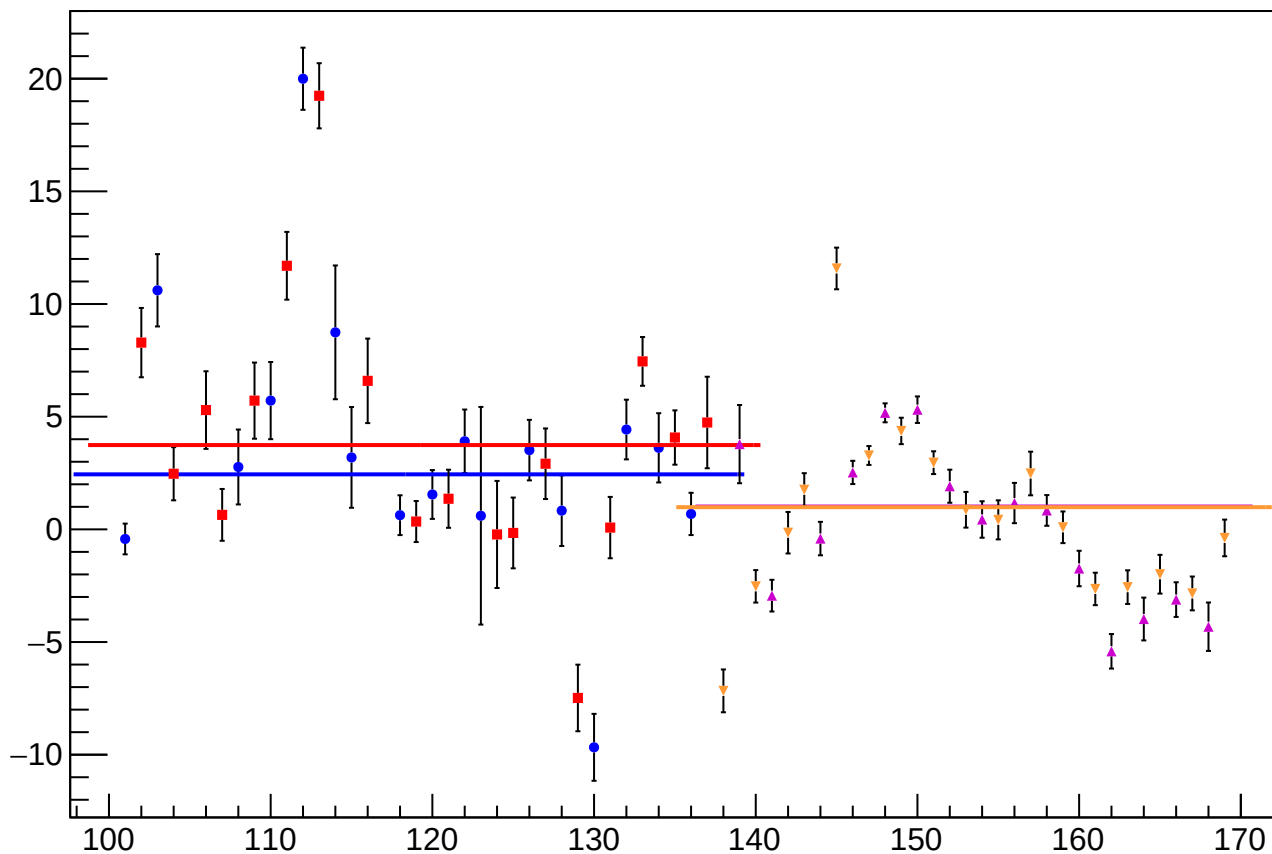
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.461+/-0.248 χ^2/NDF :956.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.695+/-0.259 χ^2/NDF :928.1/14

Left: -32.573+/-0.179 χ^2/NDF : 1884.9/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.695+/-0.259 χ^2/NDF :928.1/14
 Out: -32.461+/-0.248 χ^2/NDF :956.4/16

All: -32.573+/-0.179 χ^2/NDF : 1884.9/31

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441+/-0.311 χ^2/NDF : 294.7/16

Left Out: 0.984+/-0.171 χ^2/NDF : 403.1/16

Right Out: 3.741+/-0.327 χ^2/NDF : 268.1/17

Left In: 1.013+/-0.182 χ^2/NDF : 363.1/14

Left: 0.998+/-0.125 χ^2/NDF : 766.2/31

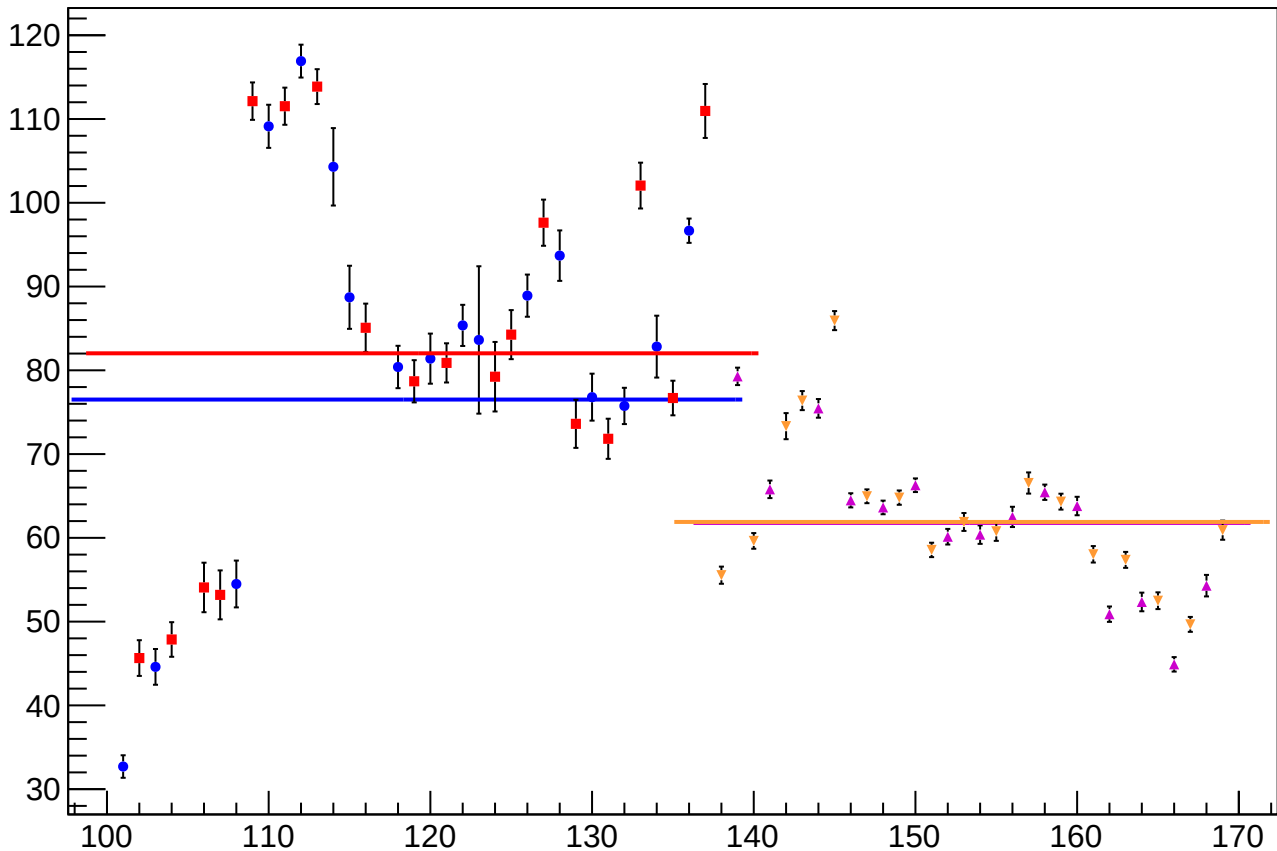
Right: 3.060+/-0.225 χ^2/NDF : 571.1/34

In: 1.376+/-0.157 χ^2/NDF : 673.5/31

Out: 1.577+/-0.152 χ^2/NDF : 727.1/34

All: 1.480+/-0.109 χ^2/NDF : 1401.4/66

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: 61.899 $\pm$ 0.244 χ^2 /NDF:1084.0/16

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 61.776 $\pm$ 0.253 χ^2 /NDF:1146.2/14

Left: 61.840 $\pm$ 0.176 χ^2 /NDF: 2230.3/31

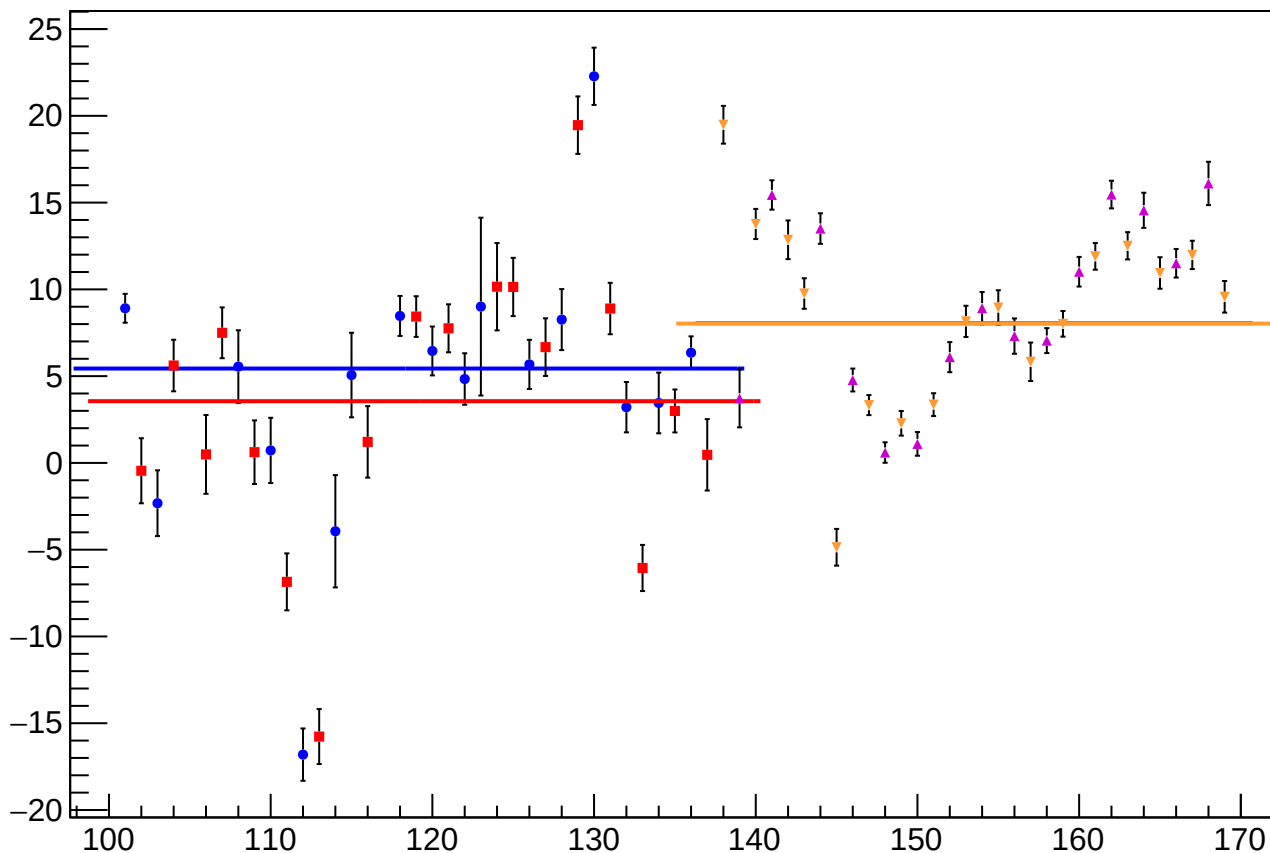
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 64.166 $\pm$ 0.231 χ^2 /NDF:3948.7/31

Out: 64.818 $\pm$ 0.226 χ^2 /NDF:3618.6/34

All: 64.500 $\pm$ 0.162 χ^2 /NDF: 7571.4/66

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: 8.028 ± 0.202 $\chi^2/\text{NDF}: 607.5/16$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 8.050 ± 0.214 $\chi^2/\text{NDF}: 617.7/14$

Left: 8.038 ± 0.147 $\chi^2/\text{NDF}: 1225.2/31$

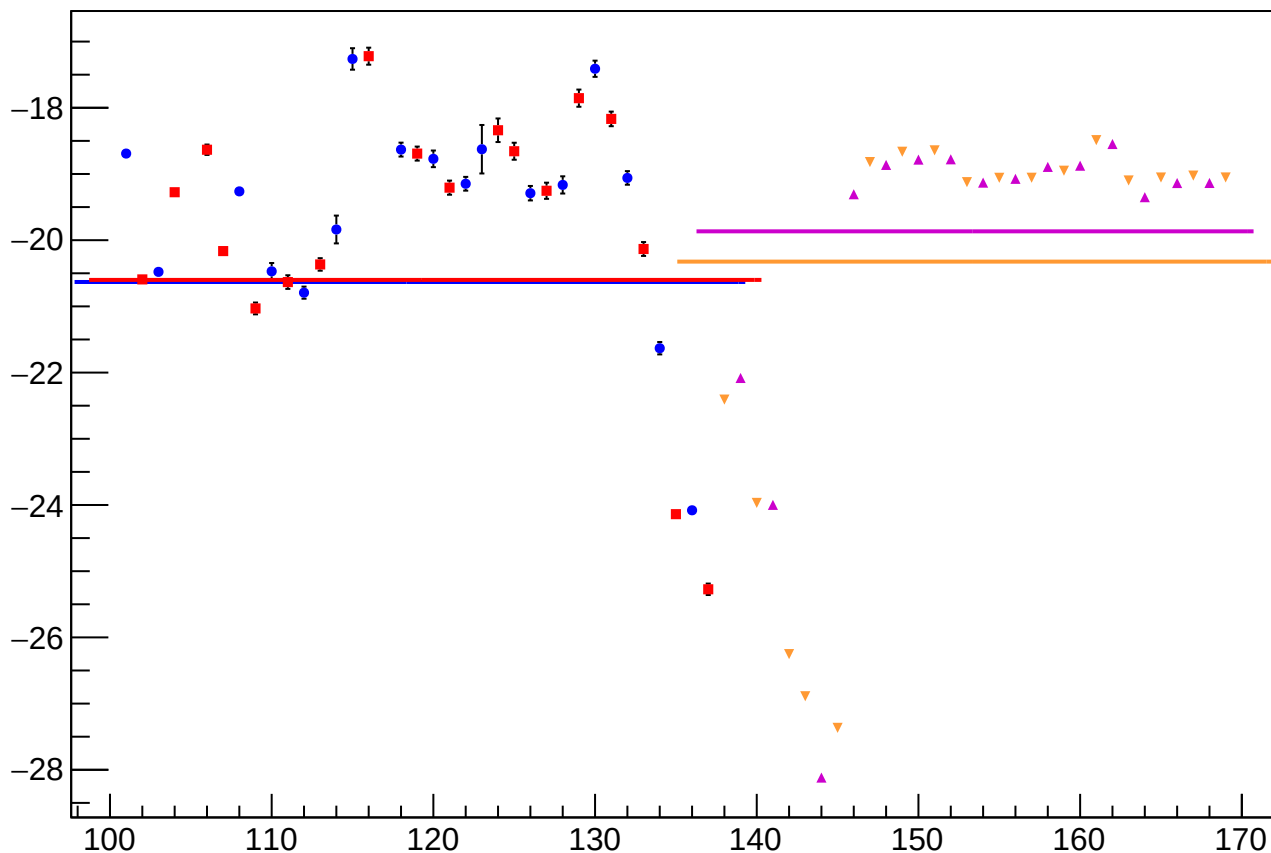
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 7.361 ± 0.184 $\chi^2/\text{NDF}: 1043.1/31$

Out: 7.026 ± 0.178 $\chi^2/\text{NDF}: 1138.3/34$

All: 7.188 ± 0.128 $\chi^2/\text{NDF}: 2183.0/66$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.324 ± 0.010 $\chi^2/\text{NDF}: 81438.8/16$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.866 ± 0.010 $\chi^2/\text{NDF}: 48892.2/14$

Left: -20.103 ± 0.007 $\chi^2/\text{NDF}: 131401.9/31$

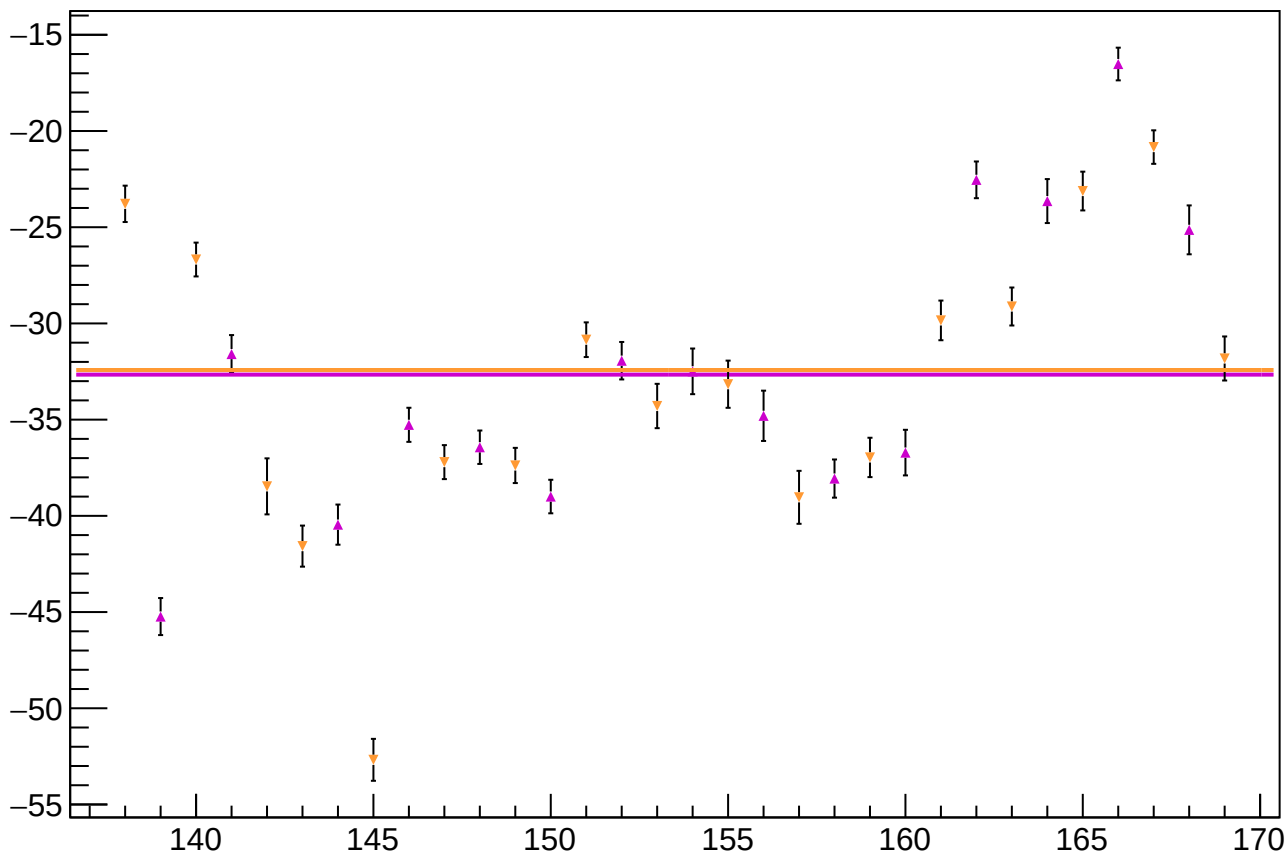
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -20.030 ± 0.009 $\chi^2/\text{NDF}: 62630.3/31$

Out: -20.379 ± 0.009 $\chi^2/\text{NDF}: 93574.3/34$

All: -20.209 ± 0.006 $\chi^2/\text{NDF}: 156990.4/66$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected

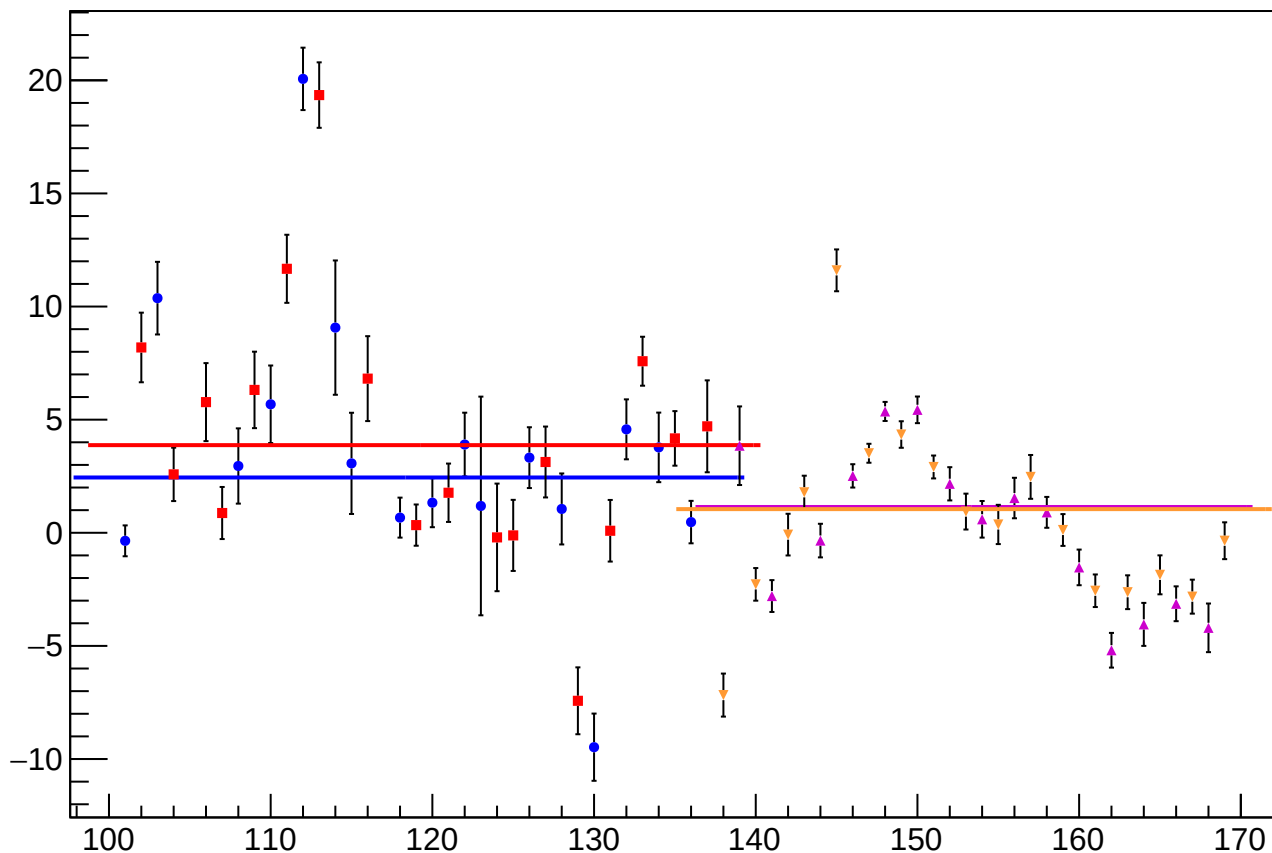


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.421+/-0.248 χ^2/NDF :950.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.660+/-0.259 χ^2/NDF :923.7/14

Left: -32.535+/-0.179 χ^2/NDF : 1874.3/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.660+/-0.259 χ^2/NDF :923.7/14
 Out: -32.421+/-0.248 χ^2/NDF :950.2/16

All: -32.535+/-0.179 χ^2/NDF : 1874.3/31

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: 1.046 ± 0.171 χ^2/NDF : 403.3/16

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 1.140 ± 0.182 χ^2/NDF : 366.3/14

Left: 1.090 ± 0.125 χ^2/NDF : 769.8/31

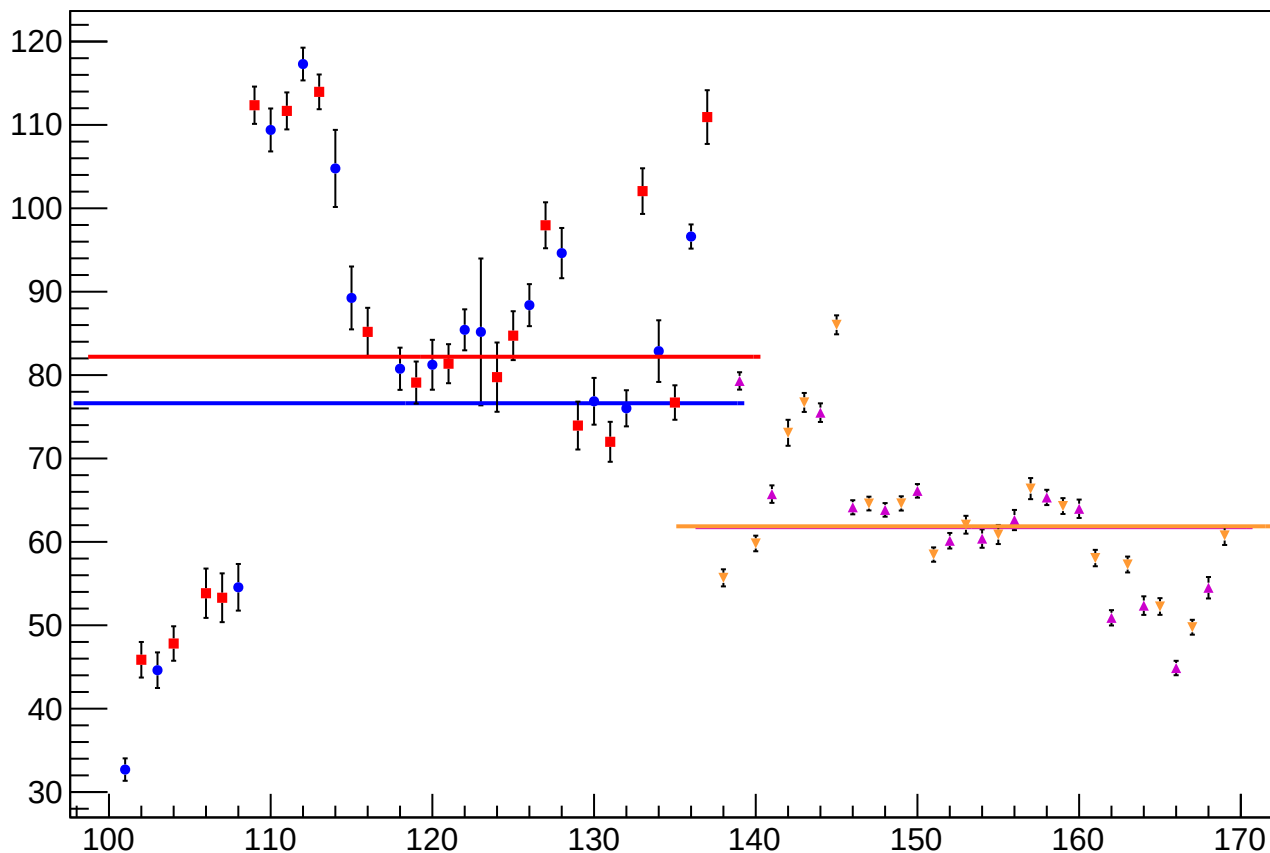
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.472 ± 0.157 χ^2/NDF : 672.1/31

Out: 1.655 ± 0.152 χ^2/NDF : 730.4/34

All: 1.567 ± 0.109 χ^2/NDF : 1403.1/66

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: 61.866 $\pm$ 0.244 χ^2 /NDF:1086.5/16

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 61.764 $\pm$ 0.253 χ^2 /NDF:1141.1/14

Left: 61.817 $\pm$ 0.176 χ^2 /NDF: 2227.7/31

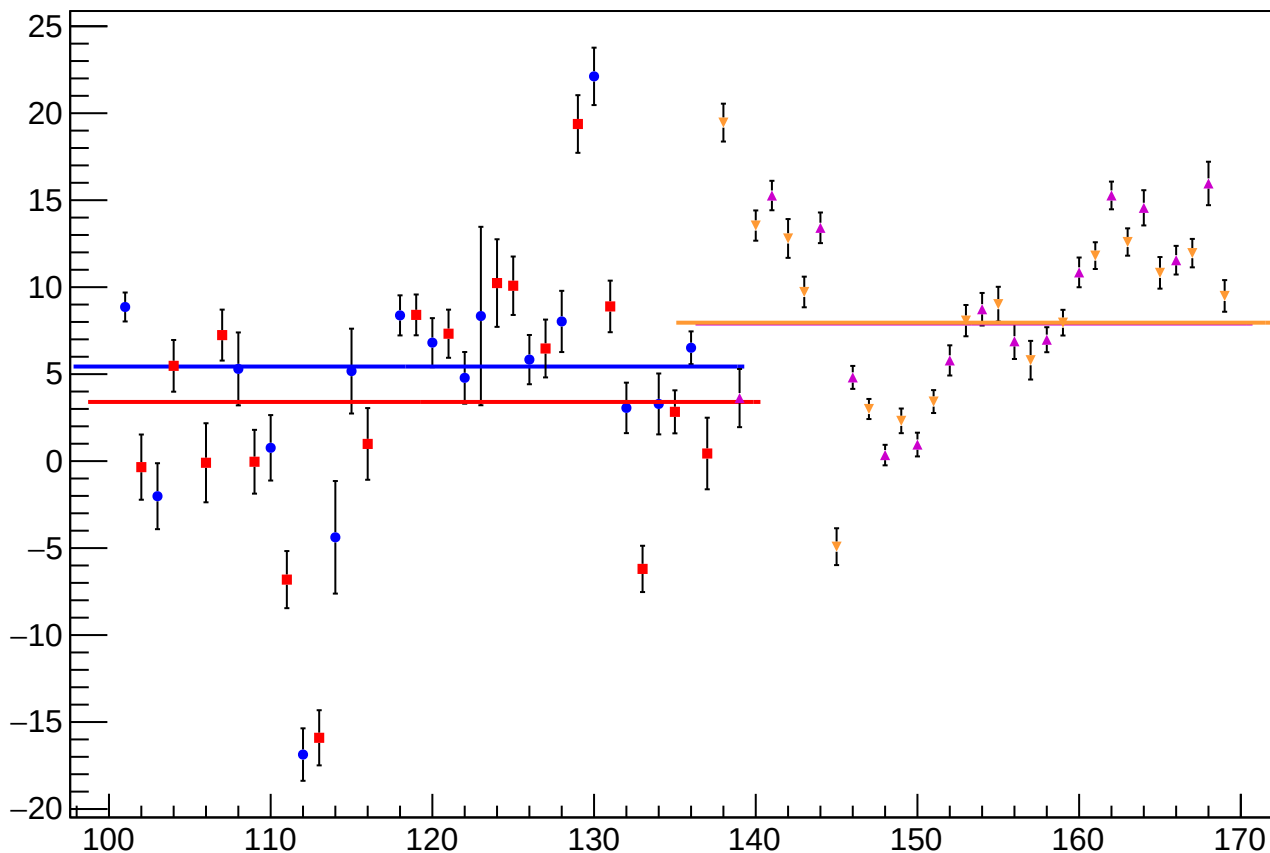
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 64.176 $\pm$ 0.231 χ^2 /NDF:3964.6/31

Out: 64.815 $\pm$ 0.226 χ^2 /NDF:3642.3/34

All: 64.503 $\pm$ 0.162 χ^2 /NDF: 7610.7/66

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 7.959 ± 0.202 χ^2/NDF : 610.0/16

Right Out: 3.401 ± 0.375 χ^2/NDF : 420.9/17

Left In: 7.910 ± 0.214 χ^2/NDF : 622.5/14

Left: 7.936 ± 0.147 χ^2/NDF : 1232.5/31

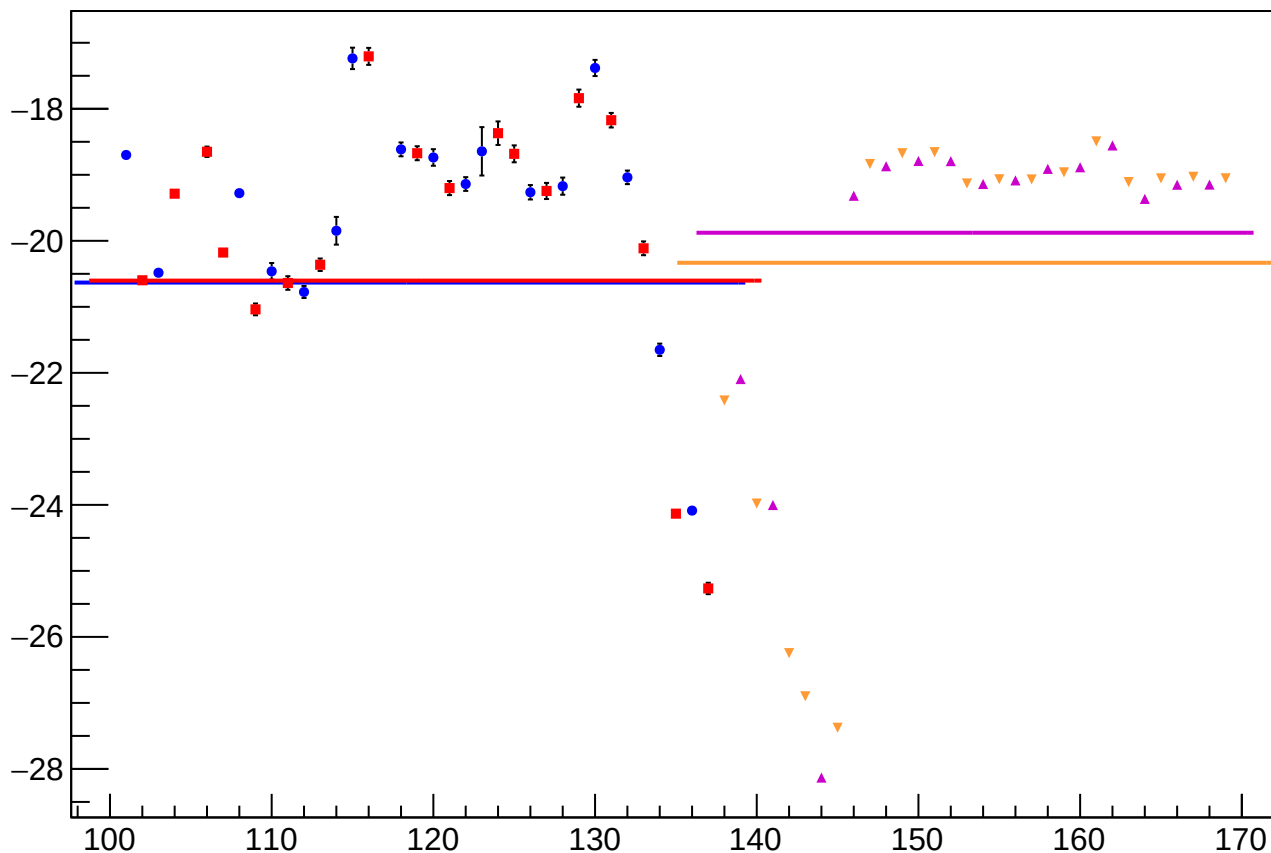
Right: 4.467 ± 0.259 χ^2/NDF : 820.8/34

In: 7.257 ± 0.184 χ^2/NDF : 1042.1/31

Out: 6.937 ± 0.178 χ^2/NDF : 1145.2/34

All: 7.092 ± 0.128 χ^2/NDF : 2188.9/66

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: -20.333 ± 0.010 $\chi^2/\text{NDF}: 81323.7/16$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.878 ± 0.010 $\chi^2/\text{NDF}: 48818.8/14$

Left: -20.113 ± 0.007 $\chi^2/\text{NDF}: 131201.0/31$

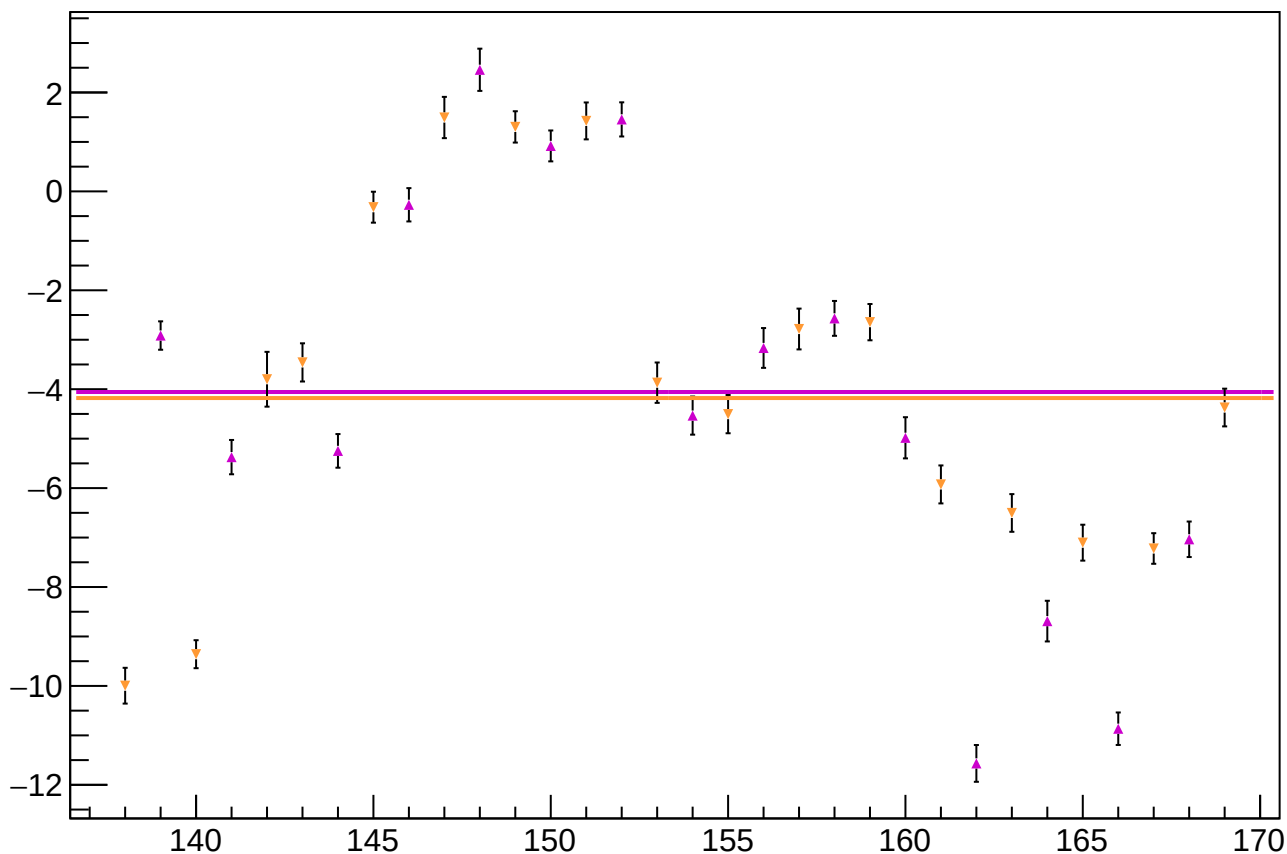
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.039 ± 0.009 $\chi^2/\text{NDF}: 62563.6/31$

Out: -20.386 ± 0.009 $\chi^2/\text{NDF}: 93404.0/34$

All: -20.217 ± 0.006 $\chi^2/\text{NDF}: 156746.3/66$

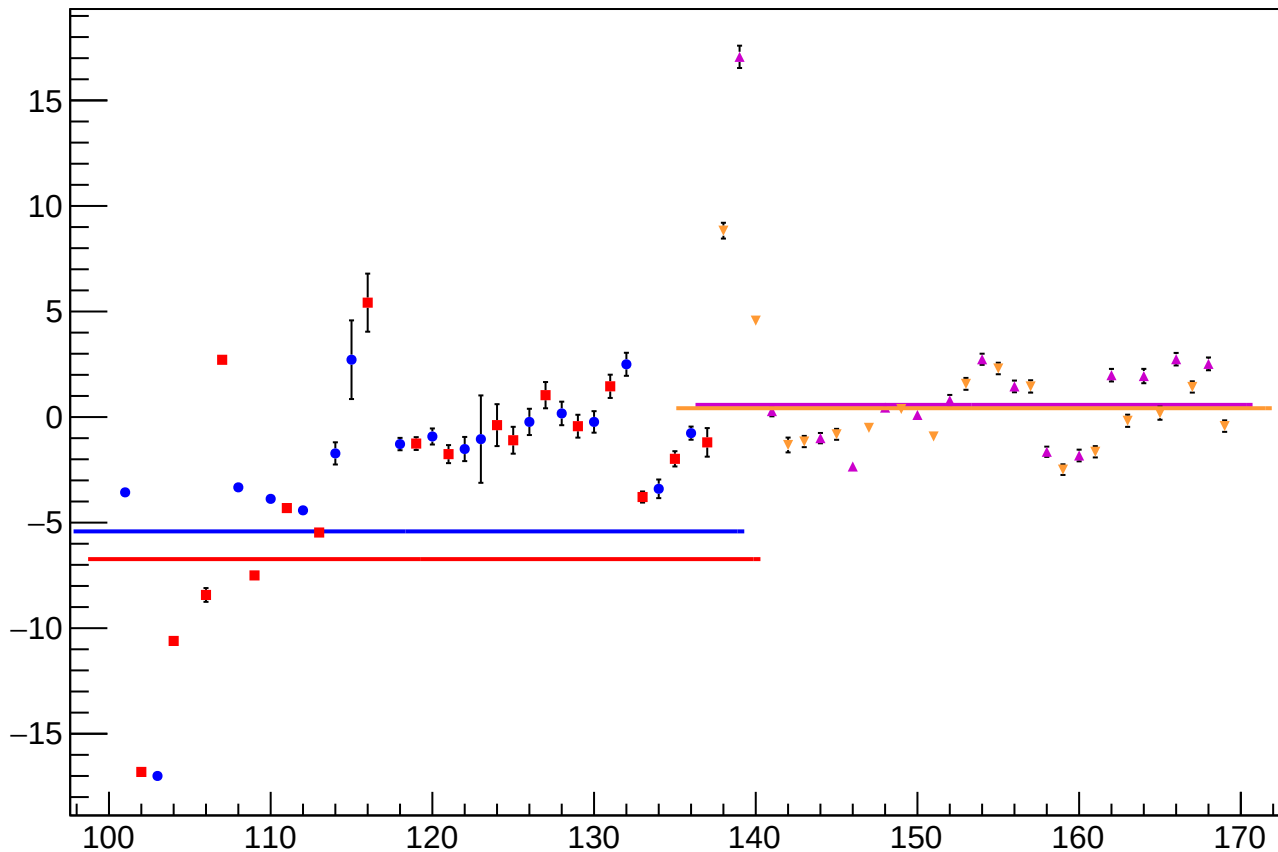
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.179 $\pm$ 0.088 χ^2 /NDF:1709.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.057 $\pm$ 0.092 χ^2 /NDF:1972.9/14

Left: -4.120 $\pm$ 0.064 χ^2 /NDF: 3683.2/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -4.057 $\pm$ 0.092 χ^2 /NDF:1972.9/14
 Out: -4.179 $\pm$ 0.088 χ^2 /NDF:1709.4/16
 All: -4.120 $\pm$ 0.064 χ^2 /NDF: 3683.2/31

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: 0.419 ± 0.063 χ^2/NDF : 1253.2/16

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.577 ± 0.068 χ^2/NDF : 1575.2/14

Left: 0.493 ± 0.046 χ^2/NDF : 2831.3/31

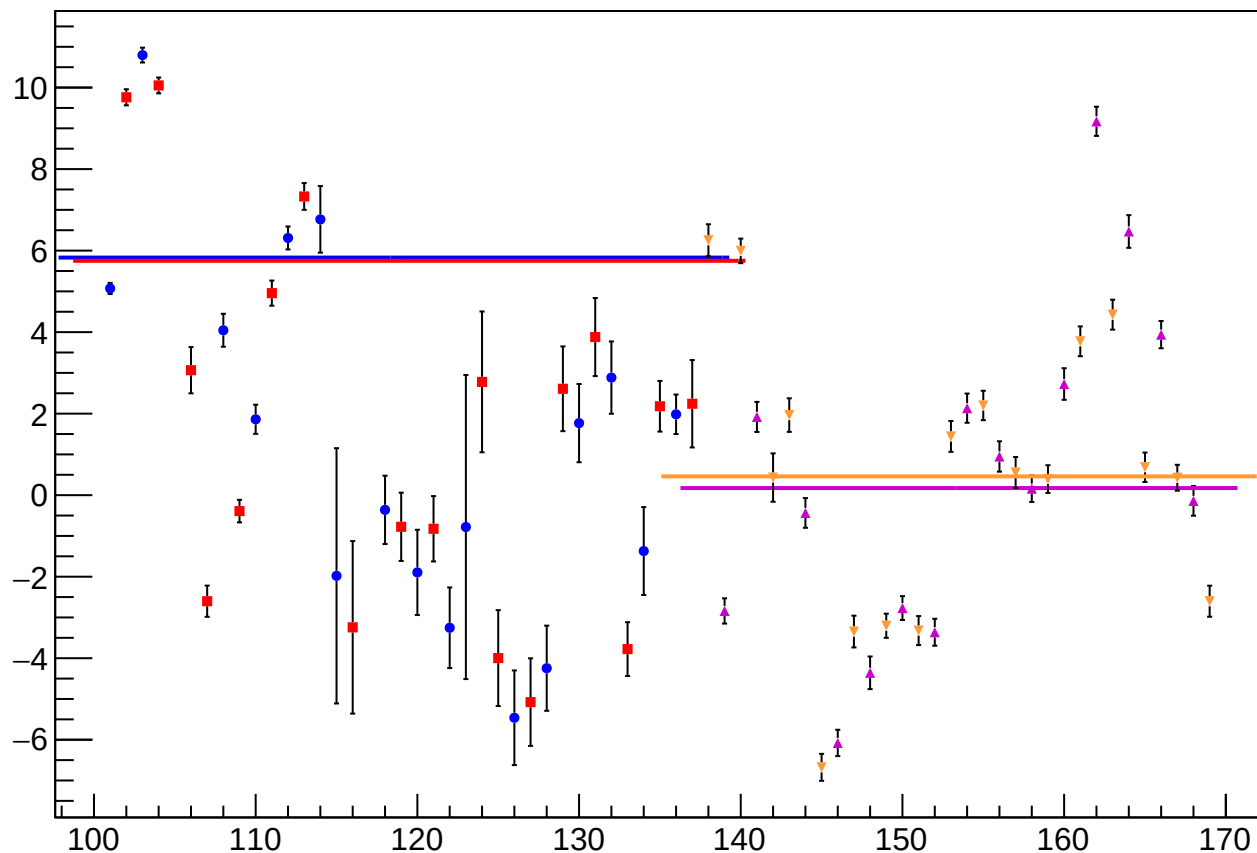
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.051 ± 0.043 χ^2/NDF : 15555.6/31

Out: -3.368 ± 0.044 χ^2/NDF : 19184.0/34

All: -3.206 ± 0.030 χ^2/NDF : 34766.7/66

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.461 ± 0.087 χ^2/NDF : 1689.4/16

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: 0.174 ± 0.090 χ^2/NDF : 1922.3/14

Left: 0.322 ± 0.063 χ^2/NDF : 3616.9/31

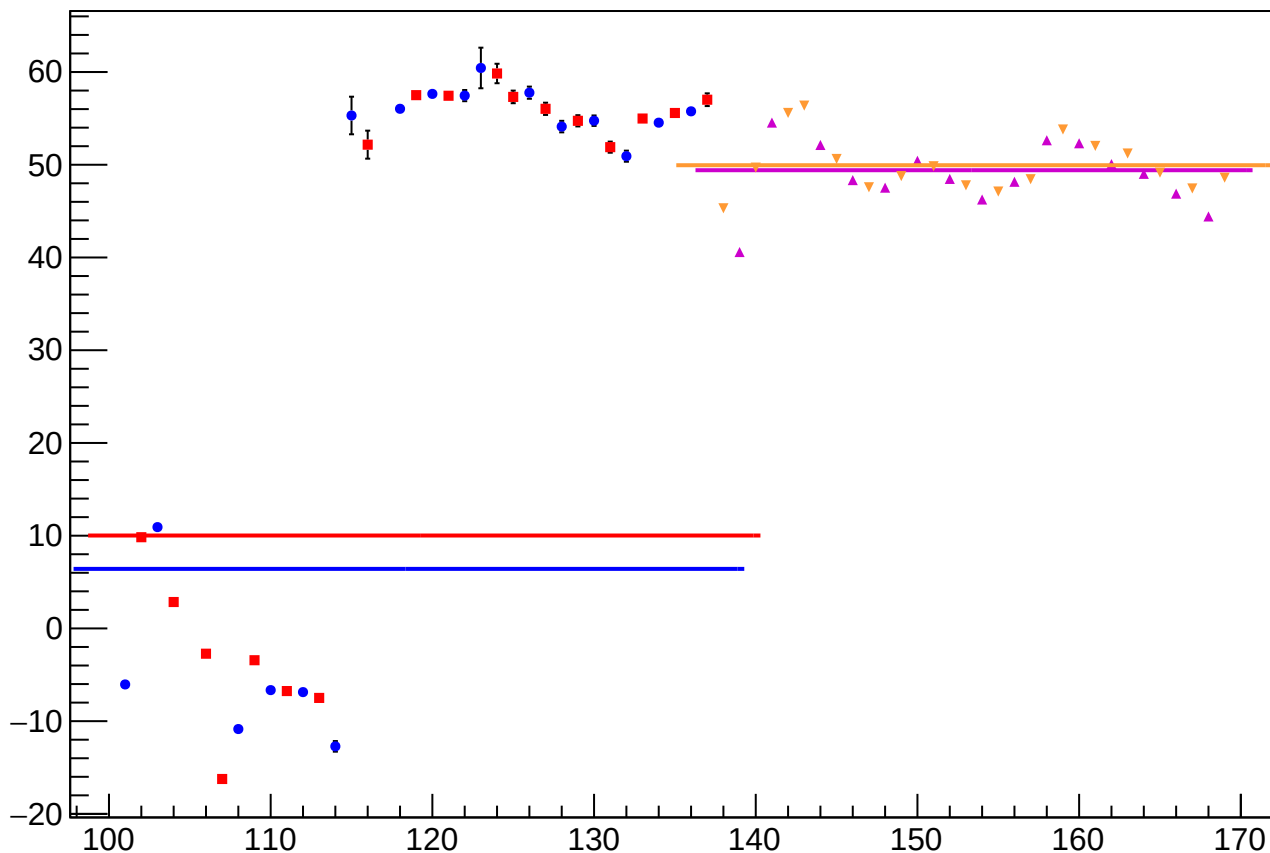
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 3.012 ± 0.063 χ^2/NDF : 5354.0/31

Out: 2.852 ± 0.065 χ^2/NDF : 5855.9/34

All: 2.933 ± 0.045 χ^2/NDF : 11213.0/66

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: 49.949 ± 0.074 χ^2/NDF : 1332.2/16

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.410 ± 0.078 χ^2/NDF : 1412.9/14

Left: 49.696 ± 0.054 χ^2/NDF : 2770.2/31

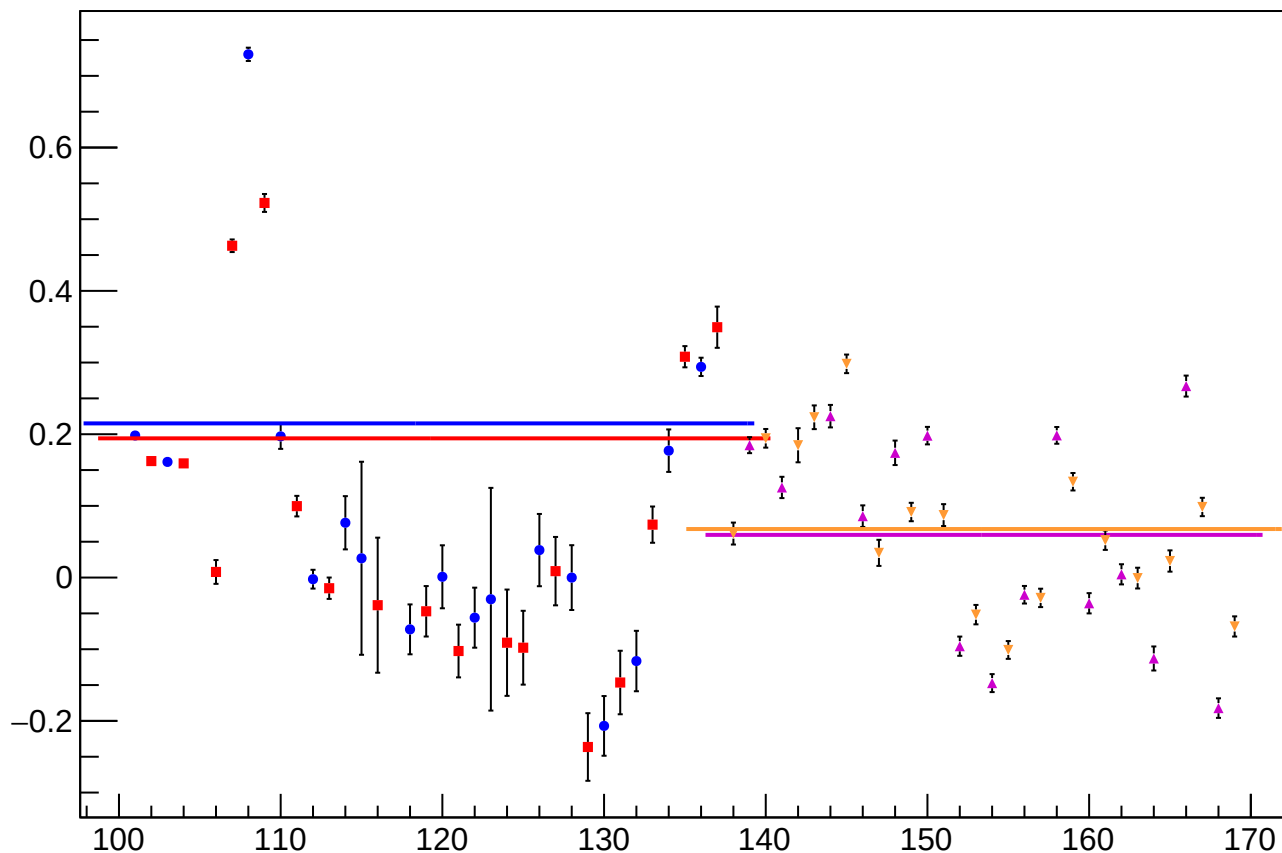
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 23.890 ± 0.050 χ^2/NDF : 303749.6/31

Out: 29.188 ± 0.051 χ^2/NDF : 276444.7/34

All: 26.480 ± 0.036 χ^2/NDF : 585709.1/66

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.068 $\pm$ 0.003 χ^2 /NDF:1011.6/16

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.060 $\pm$ 0.004 χ^2 /NDF:1708.4/14

Left: 0.064 $\pm$ 0.002 χ^2 /NDF: 2722.7/31

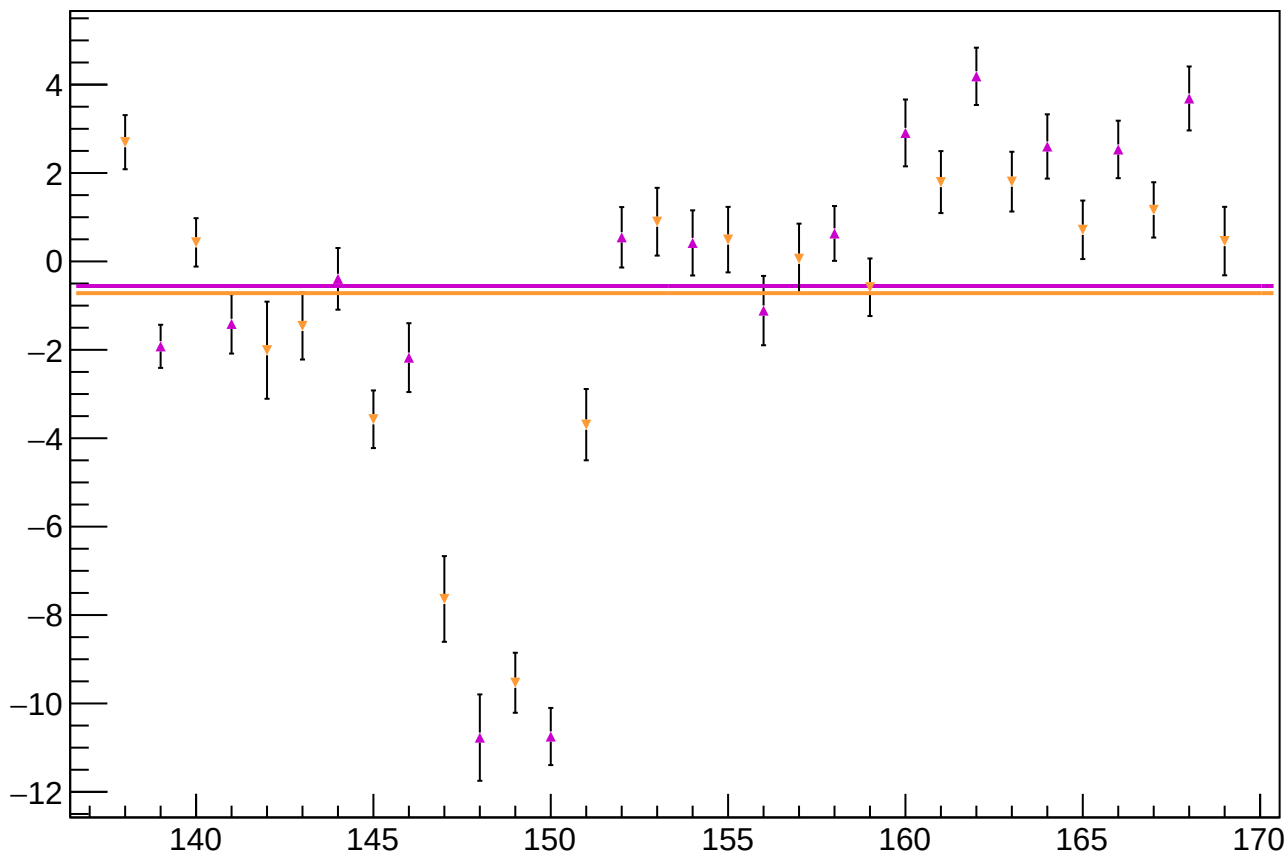
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.156 $\pm$ 0.002 χ^2 /NDF:6842.0/31

Out: 0.145 $\pm$ 0.002 χ^2 /NDF:4363.1/34

All: 0.150 $\pm$ 0.002 χ^2 /NDF: 11218.3/66

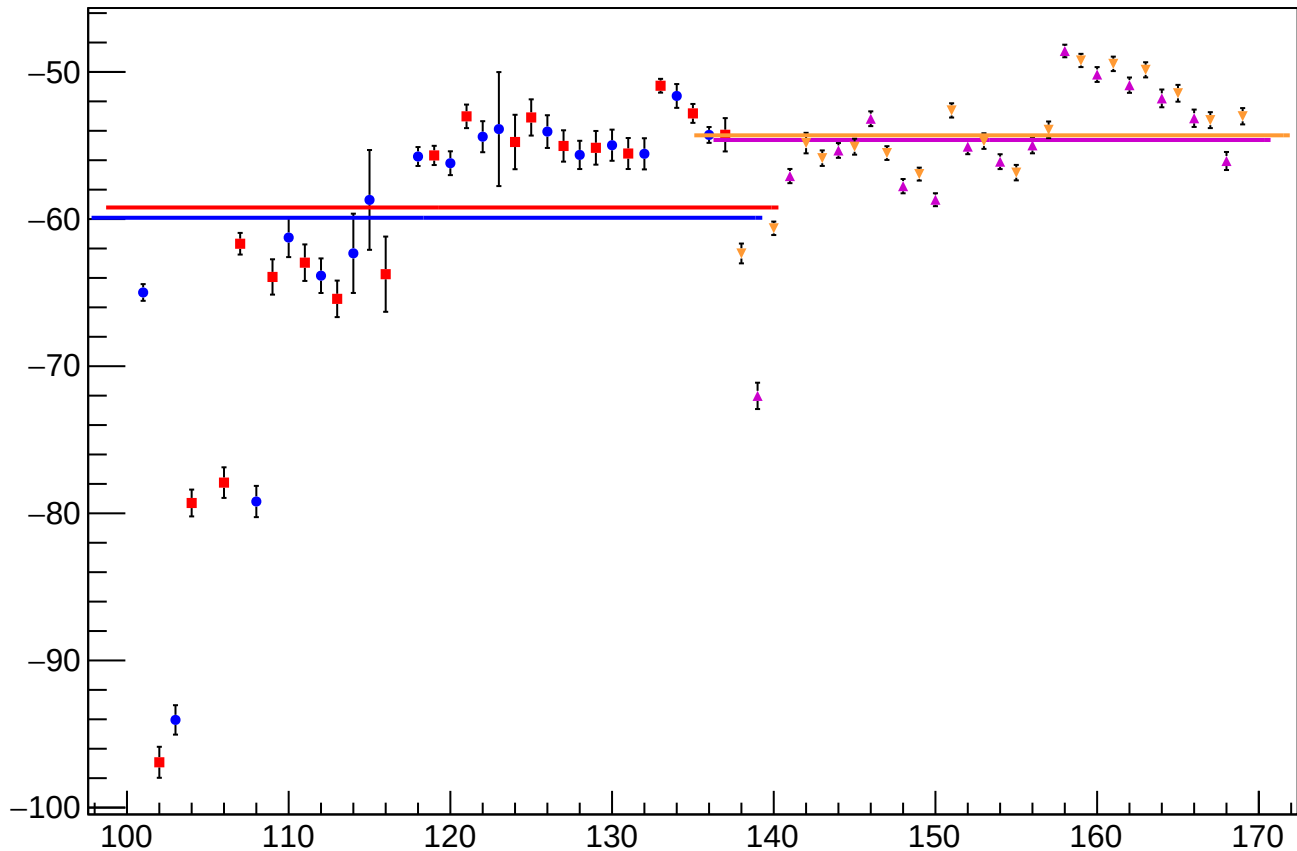
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.718 $\pm$ 0.172 χ^2 /NDF:341.0/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.556 $\pm$ 0.177 χ^2 /NDF:530.5/14

Left: -0.639 $\pm$ 0.123 χ^2 /NDF: 872.0/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.556 $\pm$ 0.177 χ^2 /NDF:530.5/14
 Out: -0.718 $\pm$ 0.172 χ^2 /NDF:341.0/16
 All: -0.639 $\pm$ 0.123 χ^2 /NDF: 872.0/31

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: -54.308 ± 0.126 χ^2/NDF : 757.7/16

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.625 ± 0.135 χ^2/NDF : 911.4/14

Left: -54.456 ± 0.092 χ^2/NDF : 1672.1/31

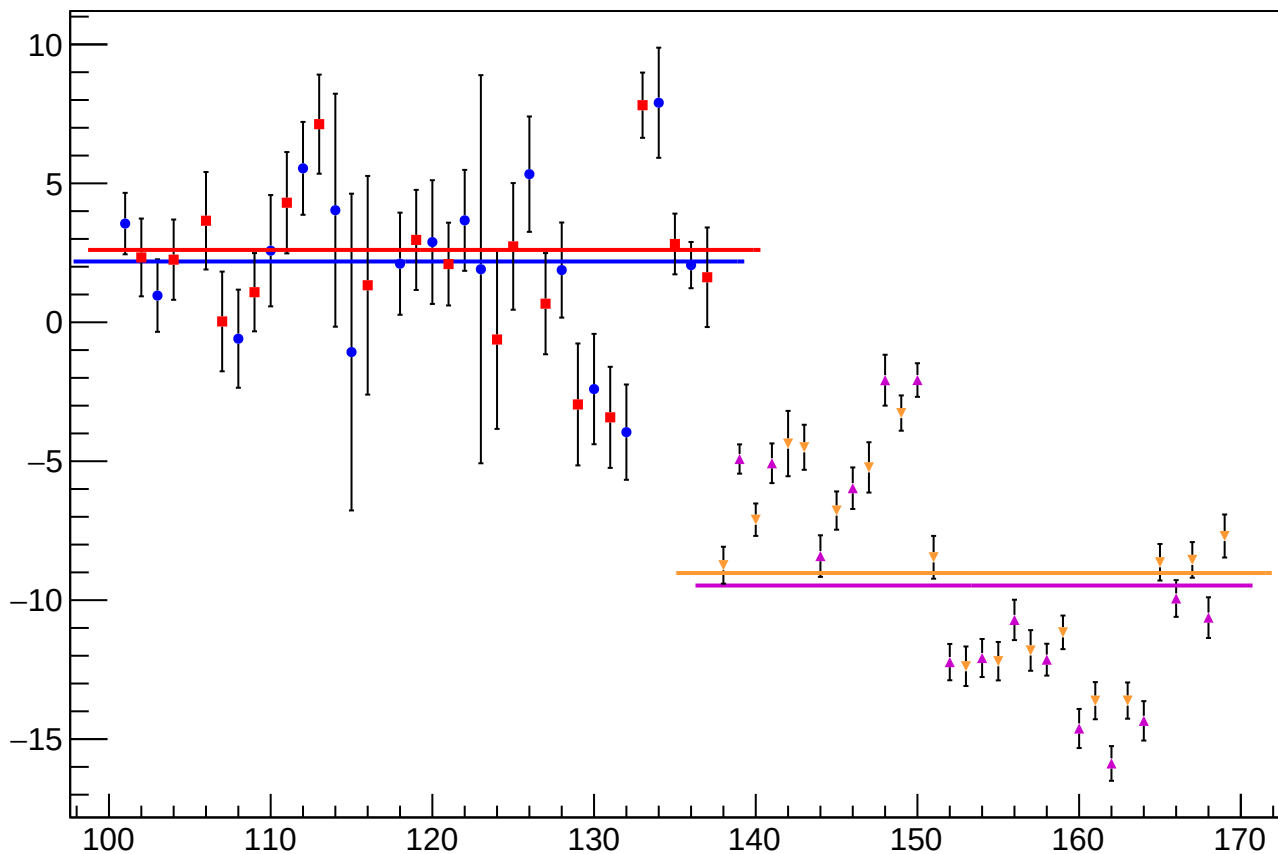
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -56.034 ± 0.115 χ^2/NDF : 3303.5/31

Out: -55.586 ± 0.108 χ^2/NDF : 3895.0/34

All: -55.796 ± 0.079 χ^2/NDF : 7206.5/66

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: -9.023 ± 0.170 $\chi^2/\text{NDF}: 339.8/16$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -9.473 ± 0.174 $\chi^2/\text{NDF}: 617.0/14$

Left: -9.243 ± 0.121 $\chi^2/\text{NDF}: 960.3/31$

Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -7.661 ± 0.159 $\chi^2/\text{NDF}: 1358.0/31$

Out: -7.175 ± 0.156 $\chi^2/\text{NDF}: 1134.9/34$

All: -7.412 ± 0.111 $\chi^2/\text{NDF}: 2497.6/66$

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: -37.792 ± 0.144 $\chi^2/\text{NDF}: 792.8/16$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.787 ± 0.153 $\chi^2/\text{NDF}: 868.7/14$

Left: -37.318 ± 0.105 $\chi^2/\text{NDF}: 1684.3/31$

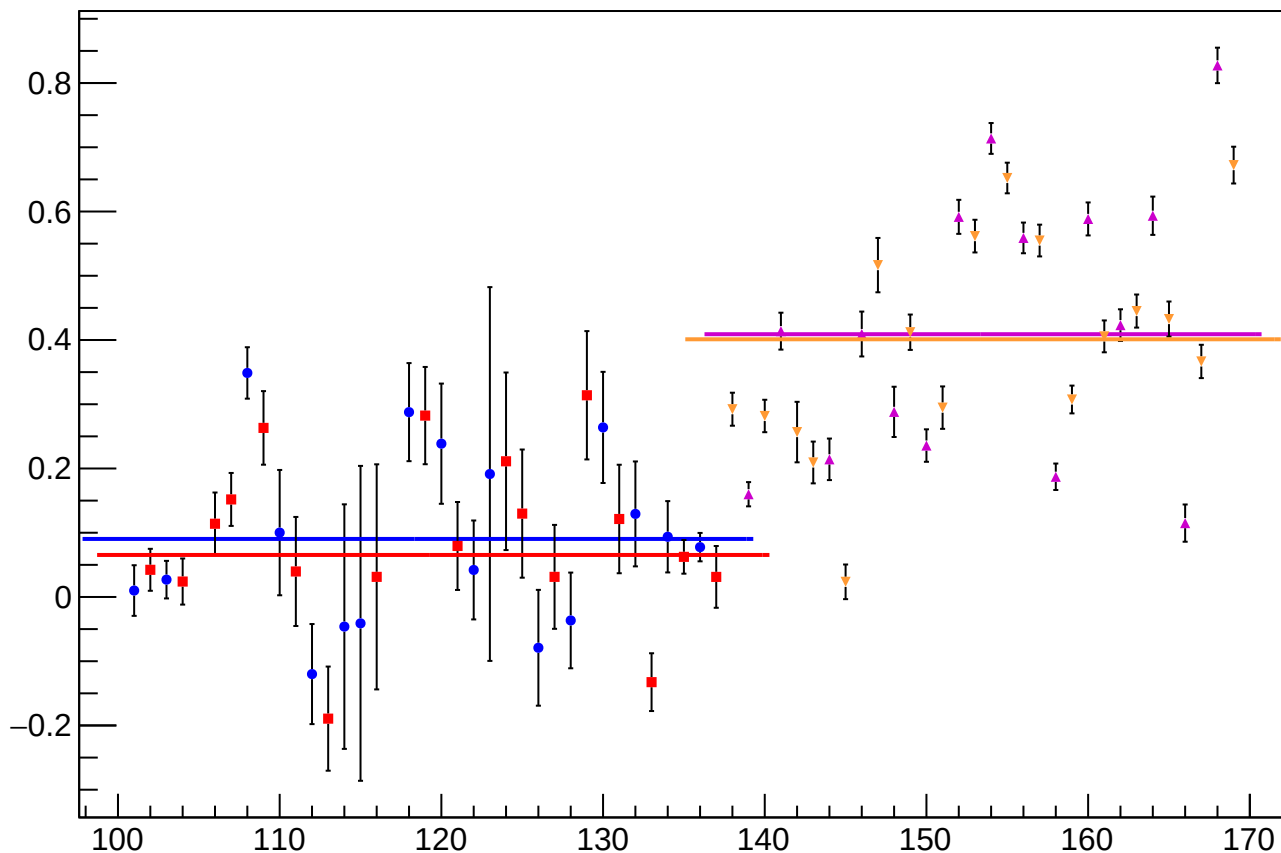
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -35.729 ± 0.131 $\chi^2/\text{NDF}: 5711.4/31$

Out: -36.512 ± 0.124 $\chi^2/\text{NDF}: 6846.2/34$

All: -36.141 ± 0.090 $\chi^2/\text{NDF}: 12576.4/66$

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: 0.401 $\pm$ 0.007 χ^2 /NDF:602.4/16

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.409 $\pm$ 0.007 χ^2 /NDF:1051.7/14

Left: 0.405 $\pm$ 0.005 χ^2 /NDF: 1654.8/31

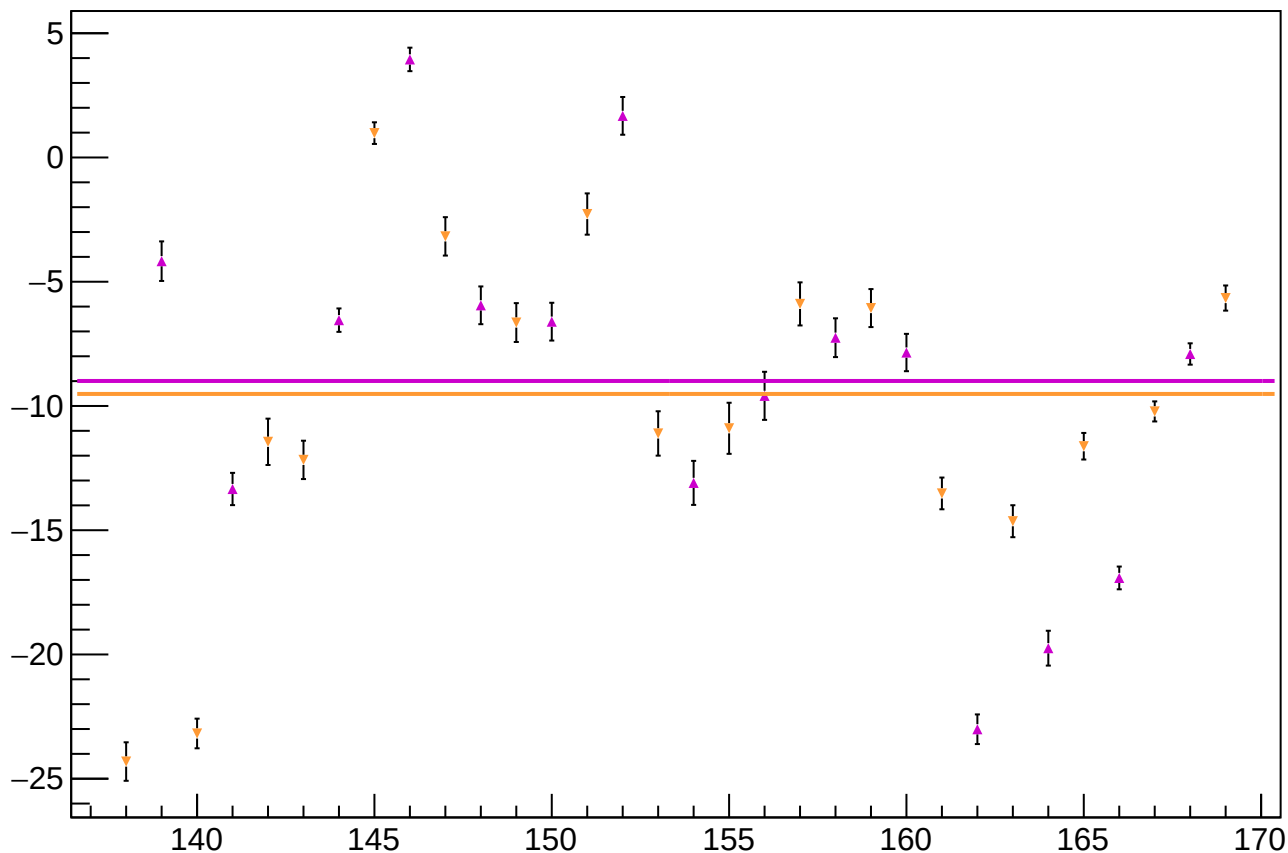
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.339 $\pm$ 0.006 χ^2 /NDF:1621.2/31

Out: 0.325 $\pm$ 0.006 χ^2 /NDF:1250.5/34

All: 0.332 $\pm$ 0.004 χ^2 /NDF: 2874.5/66

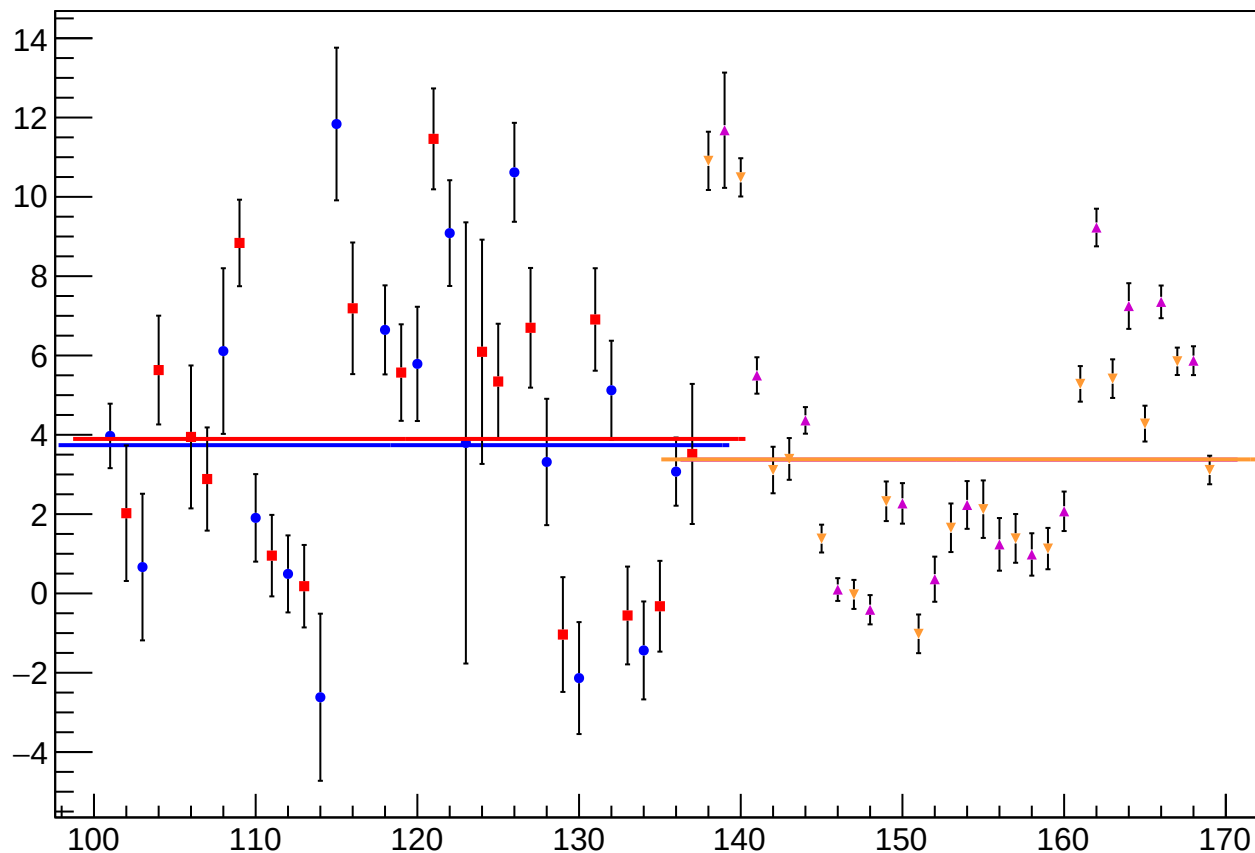
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.516+/-0.156 χ^2/NDF :1863.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.994+/-0.160 χ^2/NDF :2203.7/14

Left: -9.261+/-0.112 χ^2/NDF : 4072.8/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.994+/-0.160 χ^2/NDF :2203.7/14
 Out: -9.516+/-0.156 χ^2/NDF :1863.7/16
 All: -9.261+/-0.112 χ^2/NDF : 4072.8/31

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: 3.380 ± 0.114 $\chi^2/\text{NDF}: 658.6/16$

Right Out: 3.896 ± 0.316 $\chi^2/\text{NDF}: 134.9/17$

Left In: 3.374 ± 0.116 $\chi^2/\text{NDF}: 709.3/14$

Left: 3.377 ± 0.081 $\chi^2/\text{NDF}: 1367.9/31$

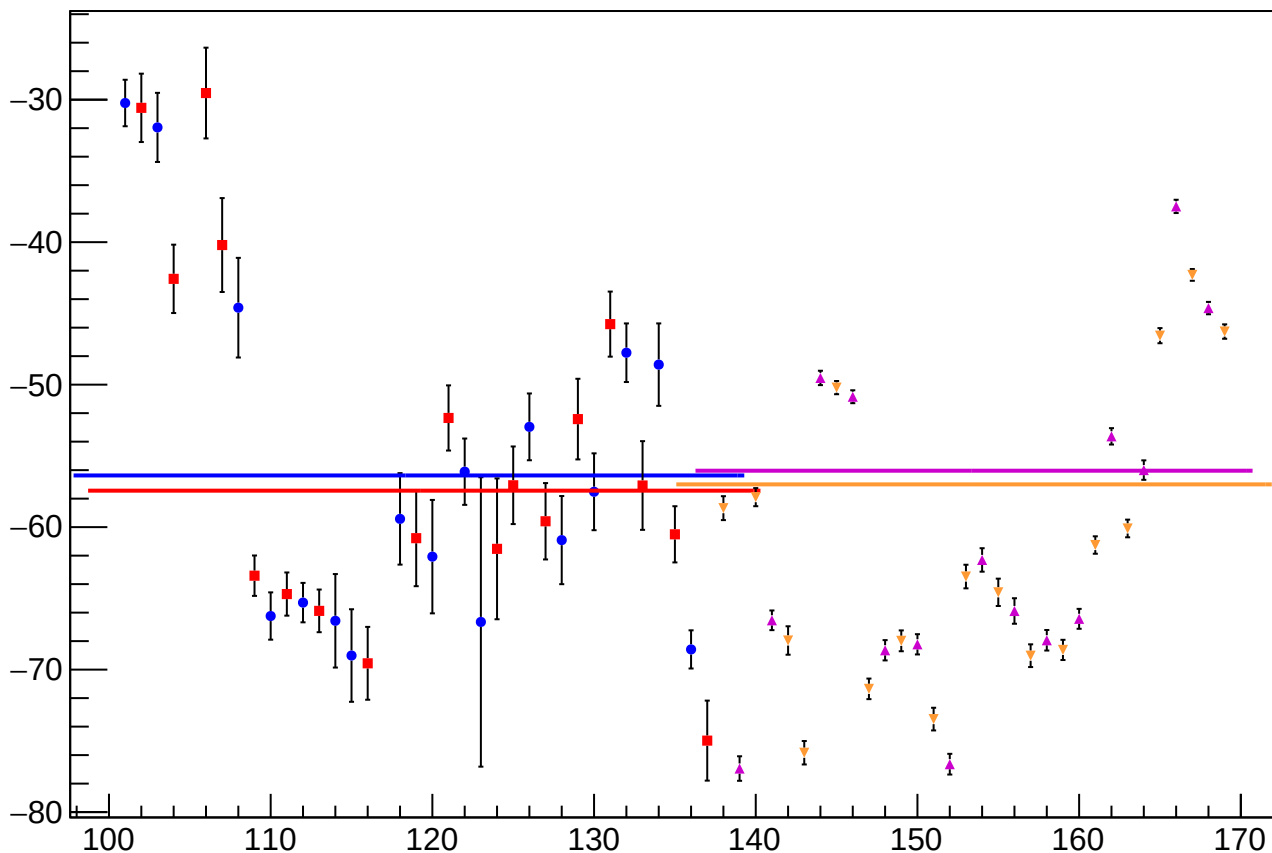
Right: 3.815 ± 0.221 $\chi^2/\text{NDF}: 271.9/34$

In: 3.419 ± 0.109 $\chi^2/\text{NDF}: 847.4/31$

Out: 3.439 ± 0.107 $\chi^2/\text{NDF}: 795.8/34$

All: 3.429 ± 0.076 $\chi^2/\text{NDF}: 1643.2/66$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -56.999 ± 0.156 $\chi^2/\text{NDF}: 4708.2/16$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -56.040 ± 0.158 $\chi^2/\text{NDF}: 5492.0/14$

Left: -56.527 ± 0.111 $\chi^2/\text{NDF}: 10218.8/31$

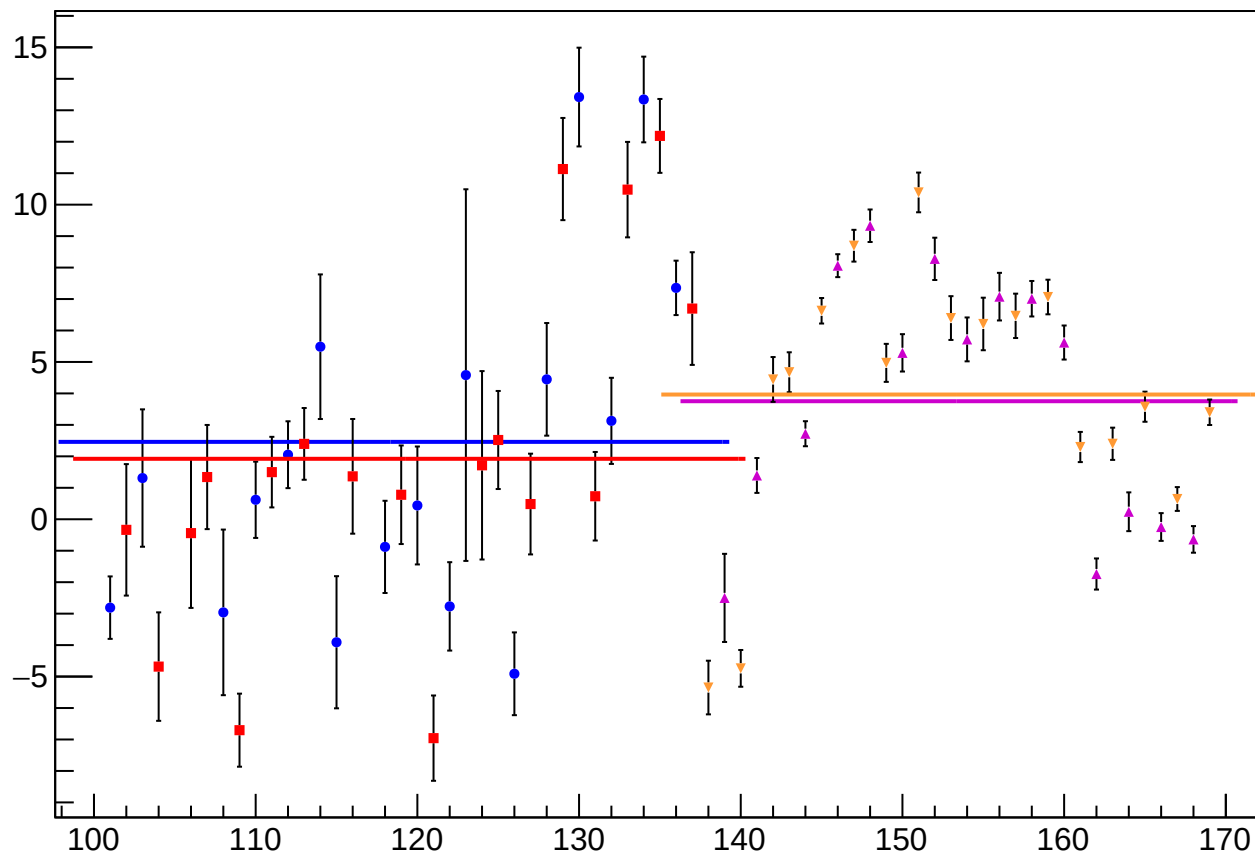
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -56.066 ± 0.152 $\chi^2/\text{NDF}: 6079.9/31$

Out: -57.033 ± 0.150 $\chi^2/\text{NDF}: 5149.8/34$

All: -56.557 ± 0.107 $\chi^2/\text{NDF}: 11250.2/66$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 3.965 ± 0.131 χ^2/NDF : 744.9/16

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 3.752 ± 0.136 χ^2/NDF : 771.1/14

Left: 3.862 ± 0.094 χ^2/NDF : 1517.3/31

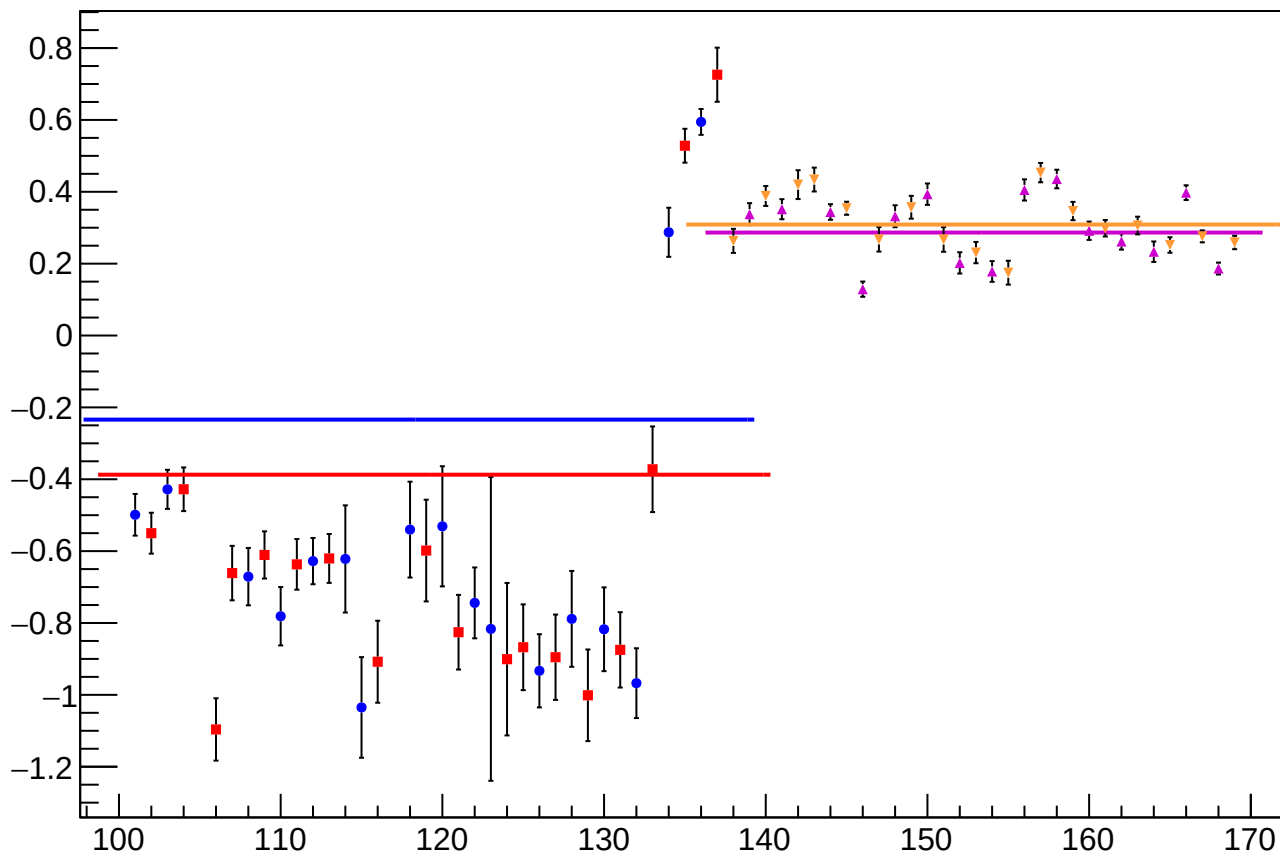
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 3.580 ± 0.126 χ^2/NDF : 1027.1/31

Out: 3.720 ± 0.123 χ^2/NDF : 1039.2/34

All: 3.652 ± 0.088 χ^2/NDF : 2066.9/66

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 $\pm$ 0.019 χ^2 /NDF: 958.3/16

Left Out: 0.309 $\pm$ 0.006 χ^2 /NDF:115.8/16

Right Out: -0.387 $\pm$ 0.019 χ^2 /NDF: 846.6/17

Left In: 0.287 $\pm$ 0.006 χ^2 /NDF:228.0/14

Left: 0.298 $\pm$ 0.004 χ^2 /NDF: 350.2/31

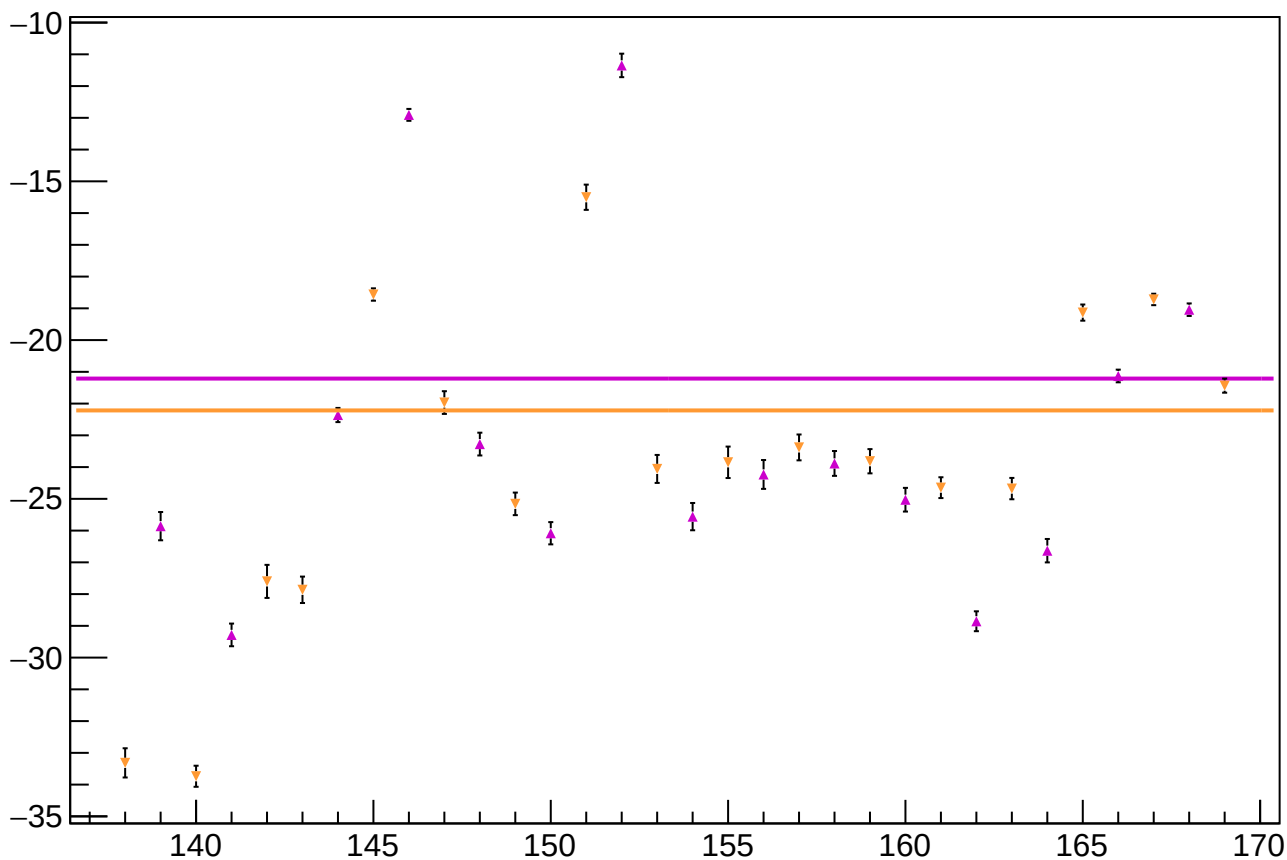
Right: -0.310 $\pm$ 0.013 χ^2 /NDF: 1837.6/34

In: 0.234 $\pm$ 0.006 χ^2 /NDF:1868.0/31

Out: 0.243 $\pm$ 0.006 χ^2 /NDF:2177.7/34

All: 0.238 $\pm$ 0.004 χ^2 /NDF: 4047.1/66

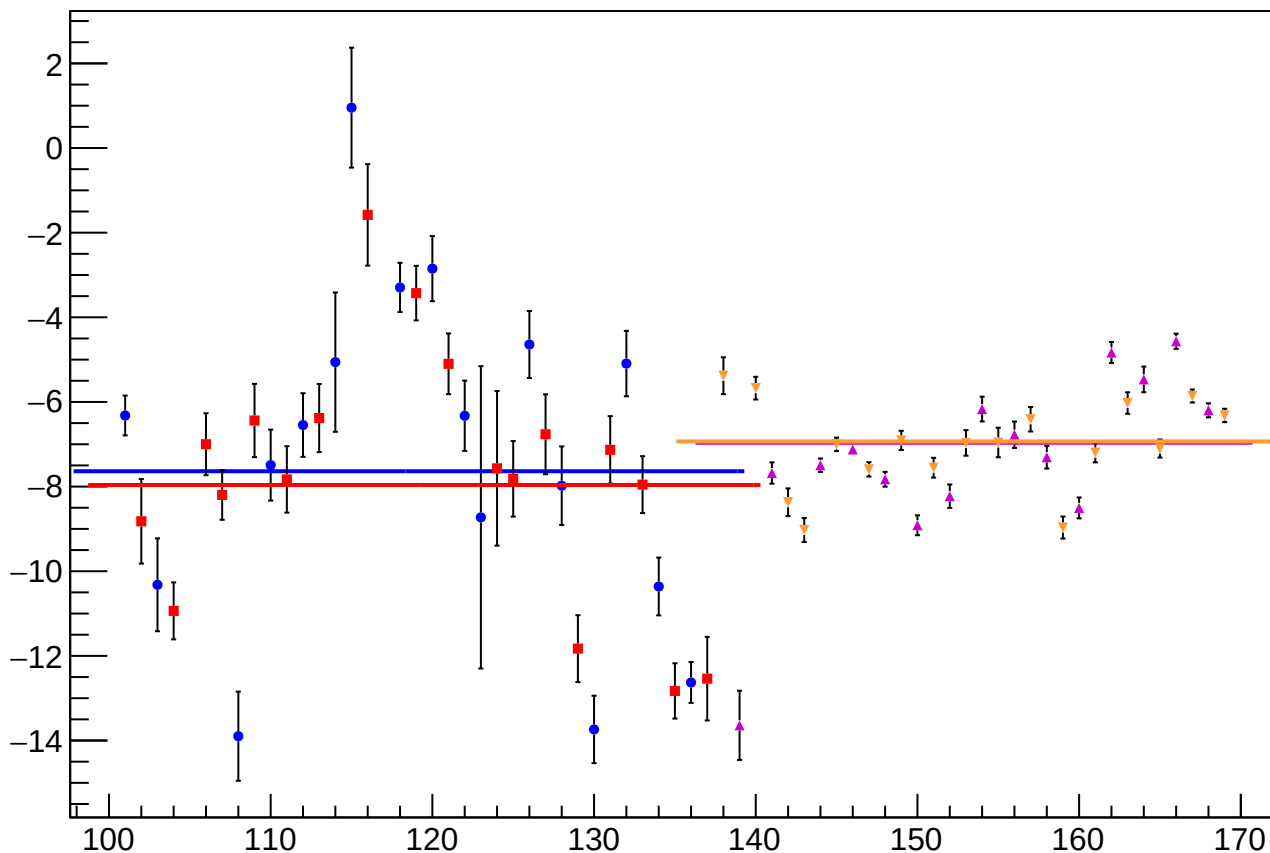
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.215+/-0.075 χ^2/NDF : 3480.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.212+/-0.075 χ^2/NDF : 4778.6/14

Left: -21.716+/-0.053 χ^2/NDF : 8348.1/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -21.212+/-0.075 χ^2/NDF : 4778.6/14
 Out: -22.215+/-0.075 χ^2/NDF : 3480.1/16
 All: -21.716+/-0.053 χ^2/NDF : 8348.1/31

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: -6.933 ± 0.054 χ^2/NDF : 273.3/16

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.964 ± 0.054 χ^2/NDF : 546.1/14

Left: -6.949 ± 0.038 χ^2/NDF : 819.6/31

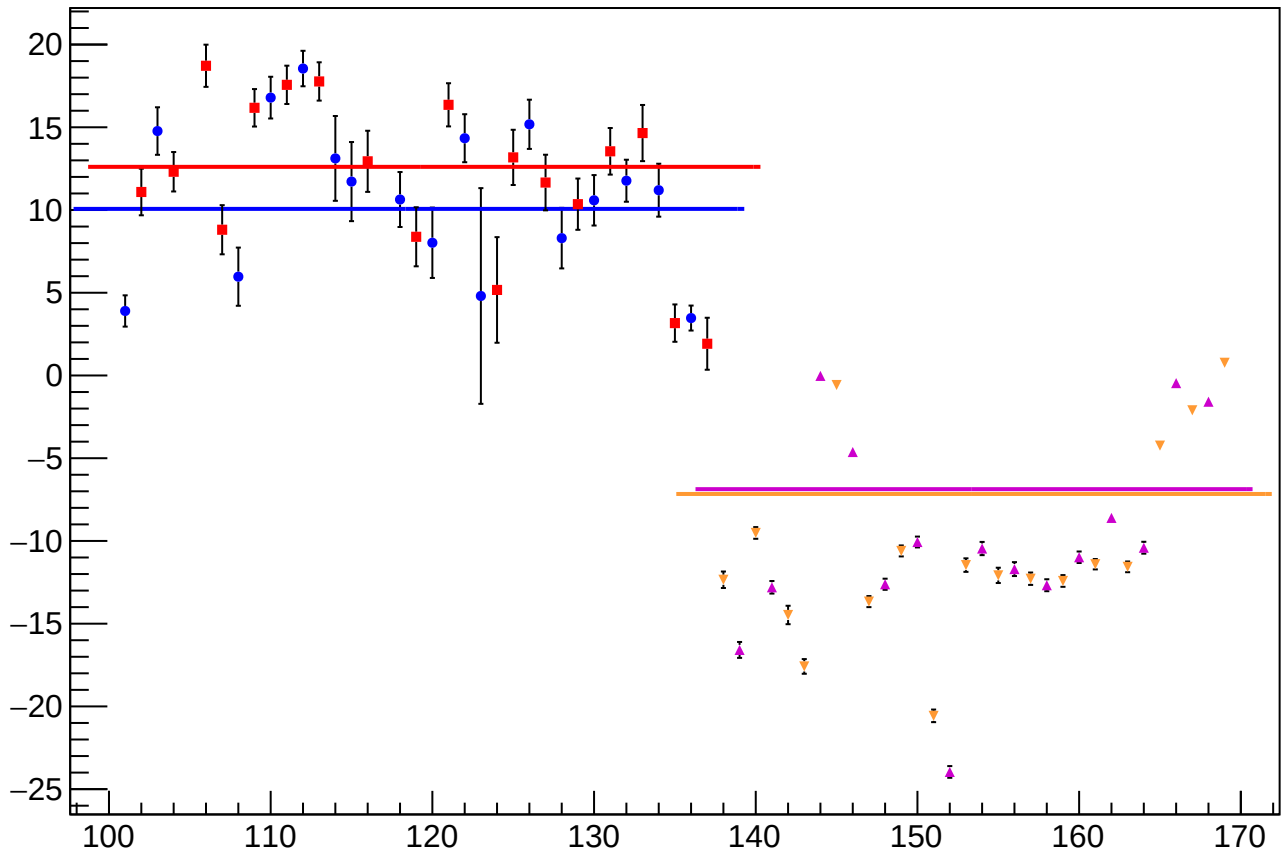
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.017 ± 0.052 χ^2/NDF : 952.2/31

Out: -7.014 ± 0.052 χ^2/NDF : 528.1/34

All: -7.016 ± 0.037 χ^2/NDF : 1480.3/66

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -7.161 ± 0.075 χ^2/NDF : 6788.2/16

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -6.870 ± 0.074 χ^2/NDF : 6774.9/14

Left: -7.015 ± 0.053 χ^2/NDF : 13570.8/31

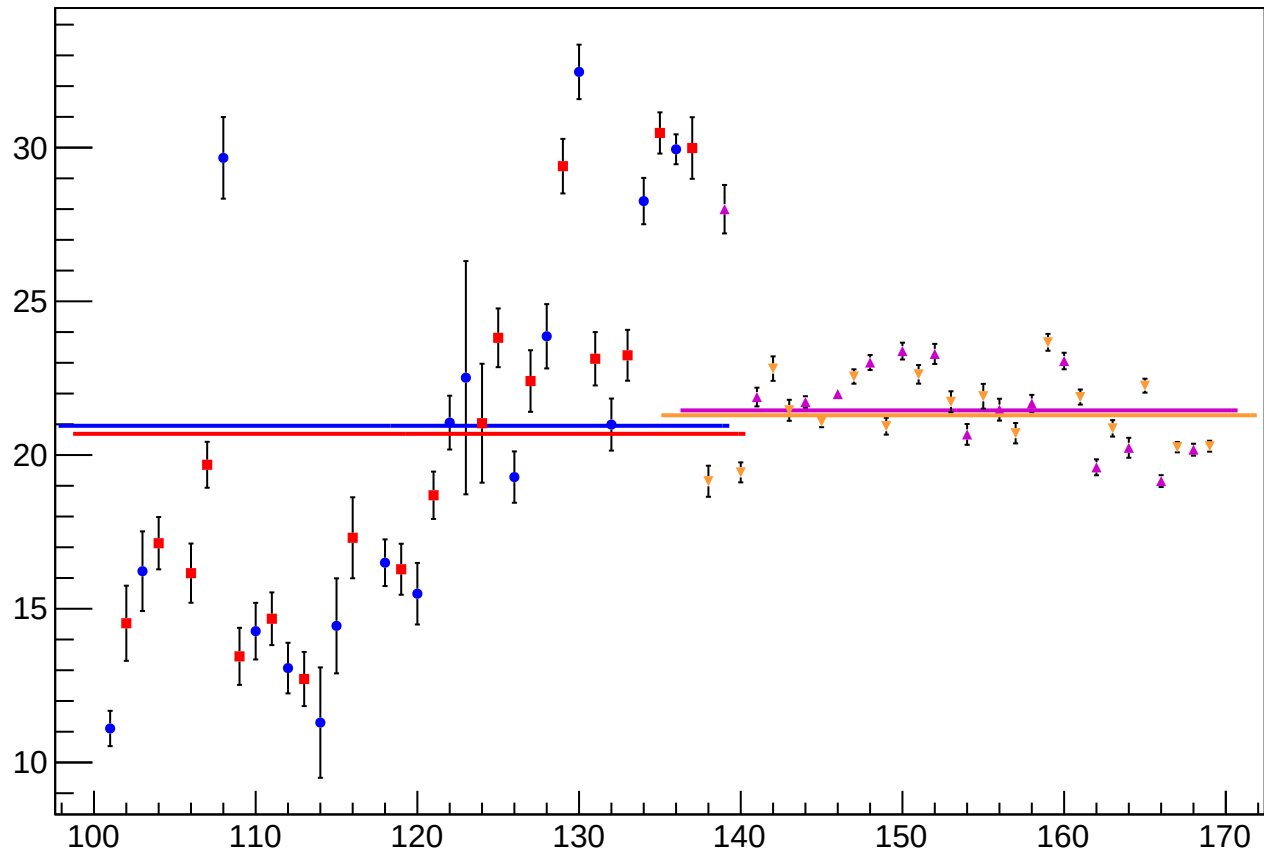
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -6.088 ± 0.073 χ^2/NDF : 9432.1/31

Out: -6.216 ± 0.073 χ^2/NDF : 10361.4/34

All: -6.152 ± 0.051 χ^2/NDF : 19795.0/66

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: 21.294 $\pm$ 0.063 χ^2 /NDF: 294.7/16

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.452 $\pm$ 0.064 χ^2 /NDF: 500.3/14

Left: 21.372 $\pm$ 0.045 χ^2 /NDF: 798.1/31

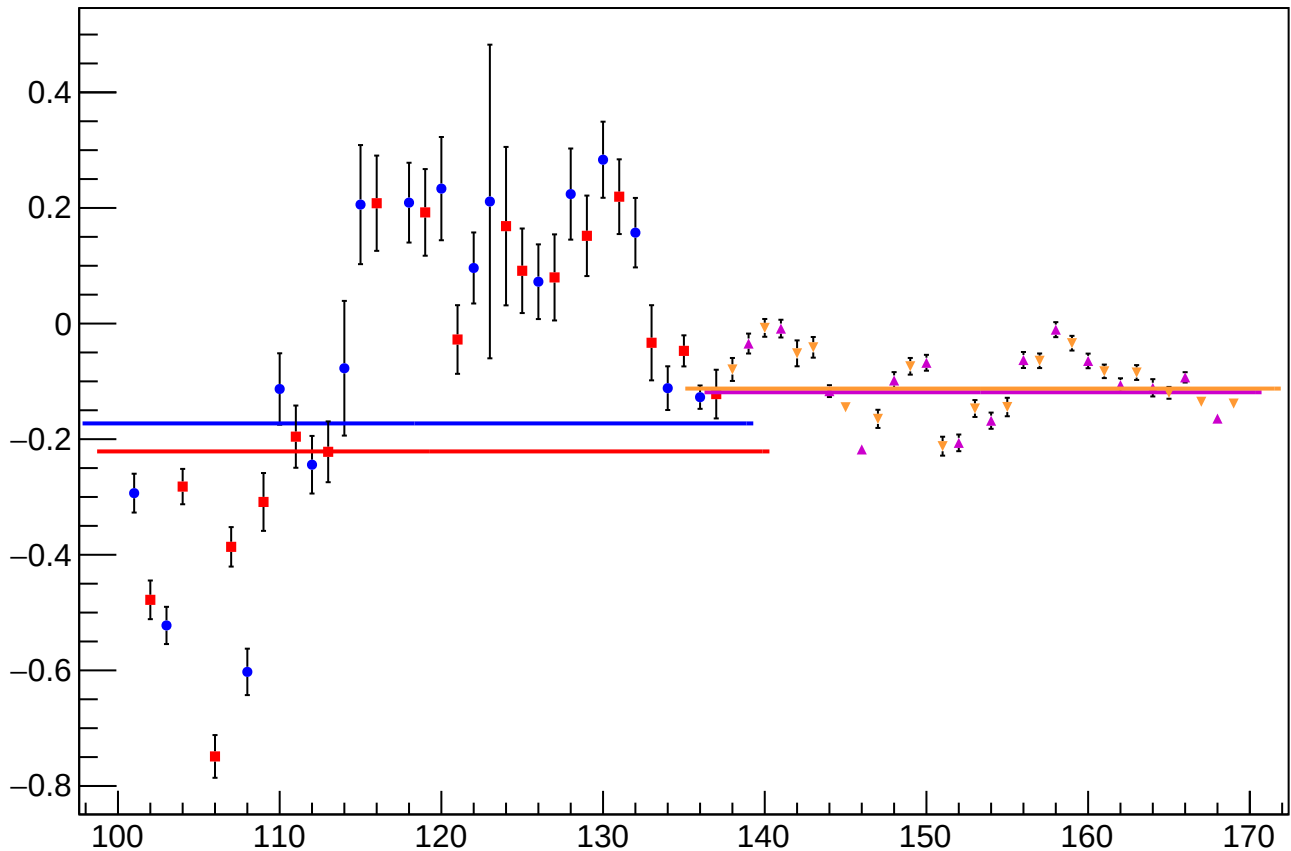
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.410 $\pm$ 0.061 χ^2 /NDF: 1728.3/31

Out: 21.245 $\pm$ 0.060 χ^2 /NDF: 1029.0/34

All: 21.327 $\pm$ 0.043 χ^2 /NDF: 2761.0/66

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 $\chi^2/\text{NDF}: 460.3/16$

Left Out: -0.112 ± 0.003 $\chi^2/\text{NDF}: 237.0/16$

Right Out: -0.221 ± 0.011 $\chi^2/\text{NDF}: 535.1/17$

Left In: -0.119 ± 0.003 $\chi^2/\text{NDF}: 427.9/14$

Left: -0.116 ± 0.002 $\chi^2/\text{NDF}: 667.1/31$

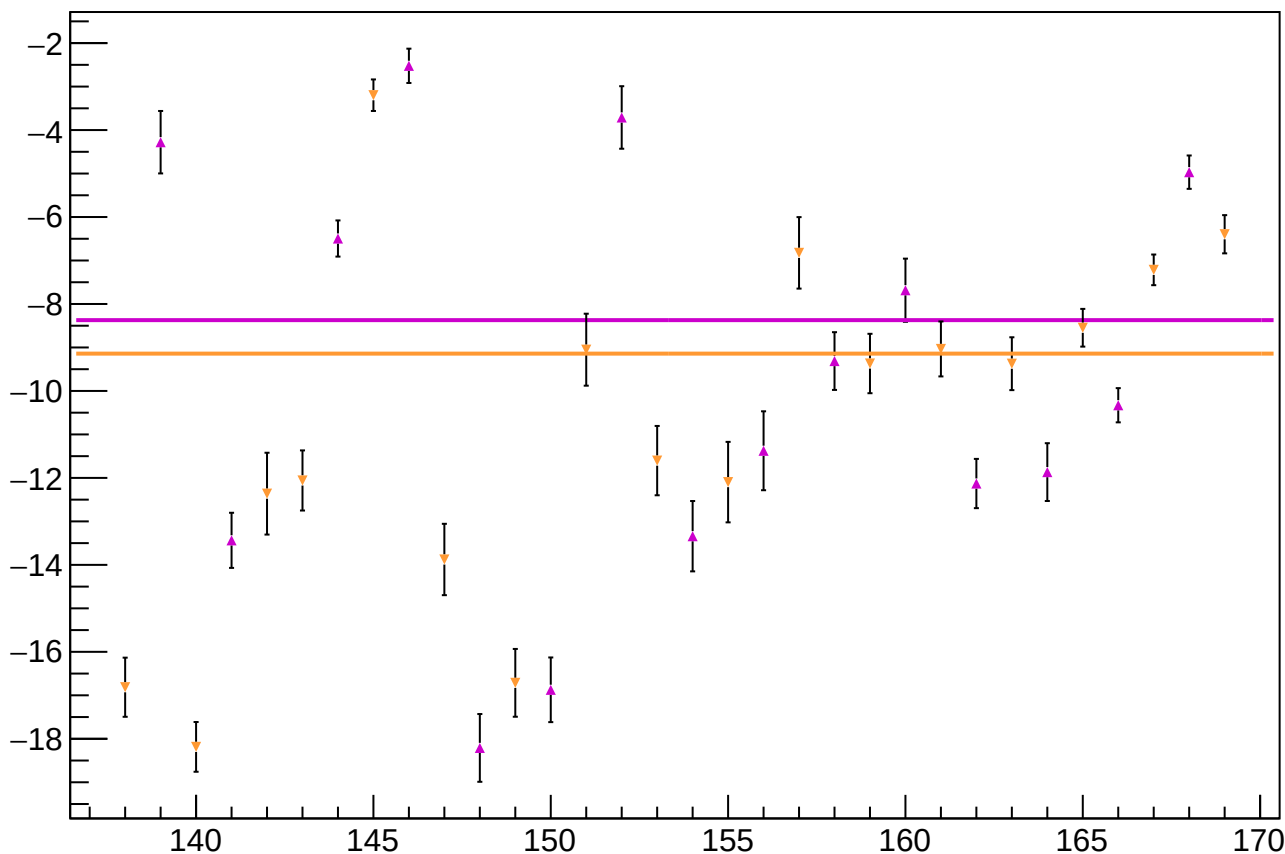
Right: -0.197 ± 0.008 $\chi^2/\text{NDF}: 1005.0/34$

In: -0.122 ± 0.003 $\chi^2/\text{NDF}: 909.8/31$

Out: -0.120 ± 0.003 $\chi^2/\text{NDF}: 863.9/34$

All: -0.121 ± 0.002 $\chi^2/\text{NDF}: 1774.2/66$

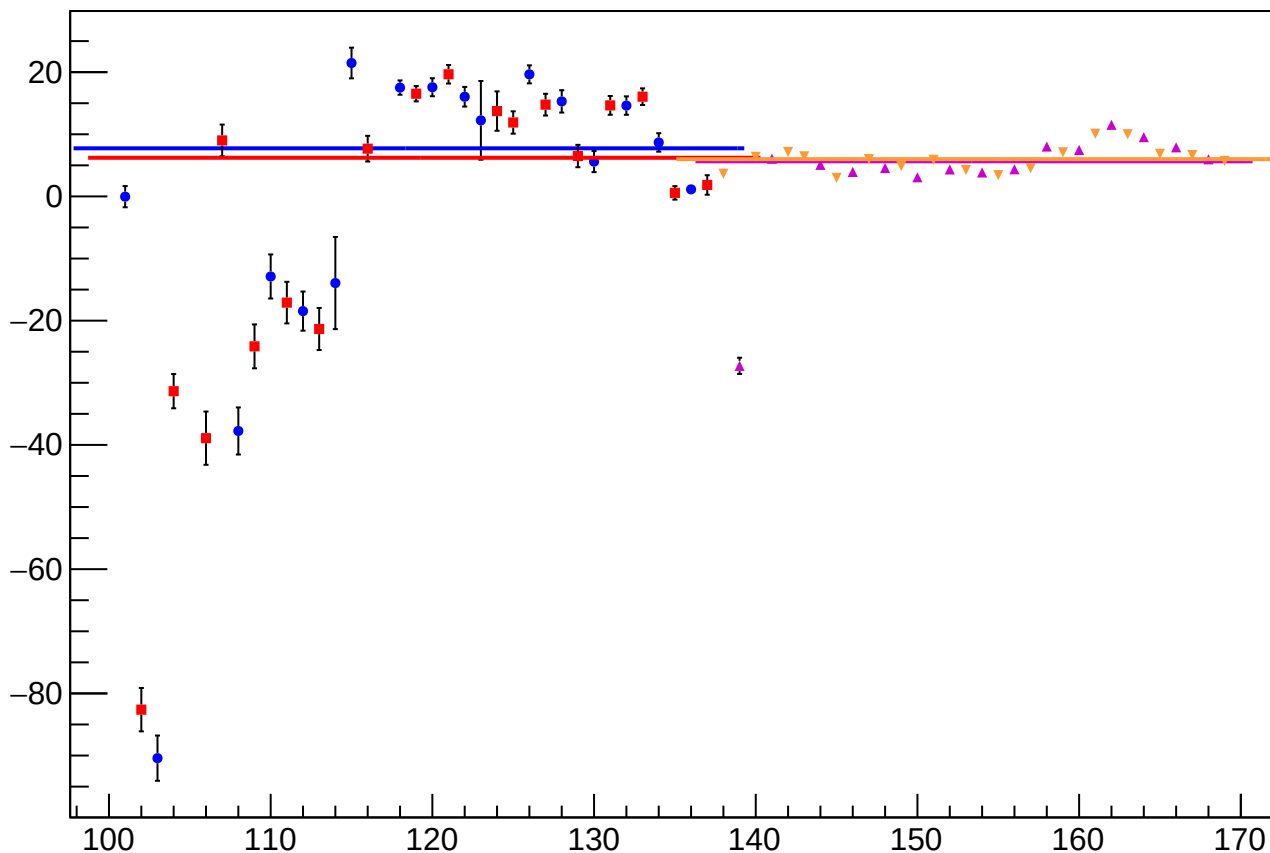
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.142 $\pm$ 0.140 χ^2/NDF : 901.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.371 $\pm$ 0.145 χ^2/NDF : 895.3/14

Left: -8.769 $\pm$ 0.101 χ^2/NDF : 1811.4/31
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.371 $\pm$ 0.145 χ^2/NDF : 895.3/14
 Out: -9.142 $\pm$ 0.140 χ^2/NDF : 901.6/16
 All: -8.769 $\pm$ 0.101 χ^2/NDF : 1811.4/31

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: 5.998 ± 0.104 χ^2/NDF : 342.9/16

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 5.651 ± 0.107 χ^2/NDF : 1043.6/14

Left: 5.829 ± 0.074 χ^2/NDF : 1392.0/31

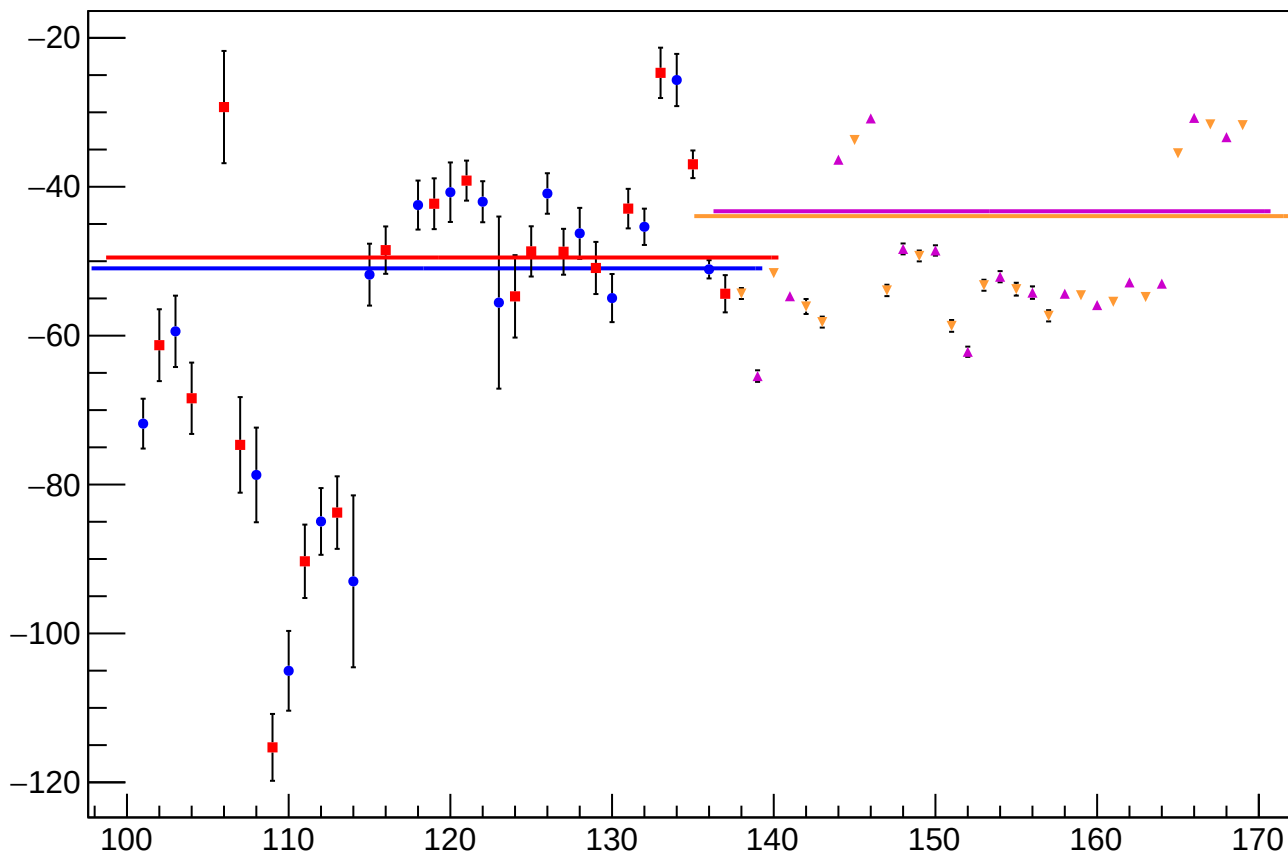
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.788 ± 0.103 χ^2/NDF : 2427.7/31

Out: 6.010 ± 0.101 χ^2/NDF : 1789.1/34

All: 5.901 ± 0.072 χ^2/NDF : 4219.1/66

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: -43.944 ± 0.141 χ^2/NDF : 6052.7/16

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -43.288 ± 0.144 χ^2/NDF : 6429.7/14

Left: -43.623 ± 0.100 χ^2/NDF : 12493.1/31

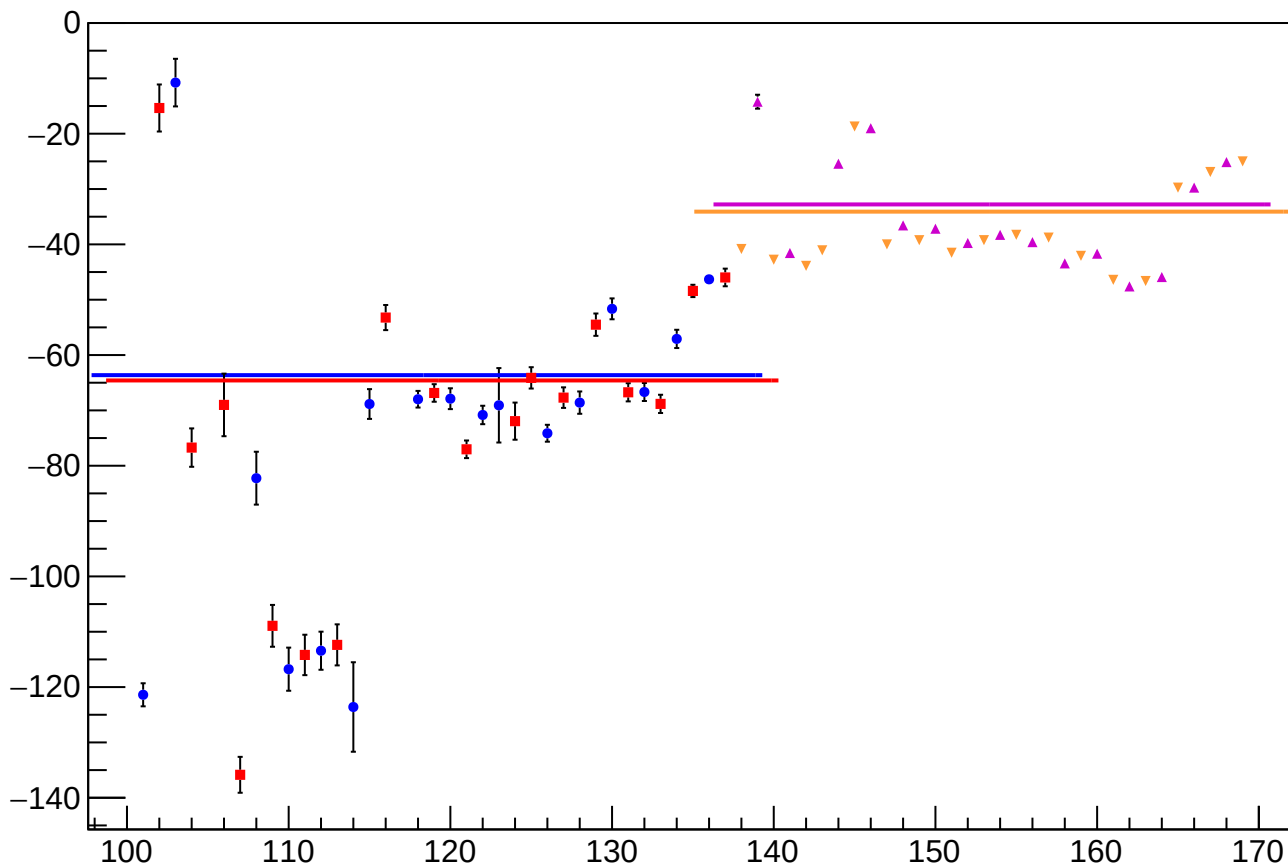
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -43.568 ± 0.141 χ^2/NDF : 6865.6/31

Out: -44.111 ± 0.139 χ^2/NDF : 6606.2/34

All: -43.844 ± 0.099 χ^2/NDF : 13479.4/66

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: -34.085 ± 0.119 χ^2/NDF : 6143.0/16

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -32.781 ± 0.124 χ^2/NDF : 5980.3/14

Left: -33.462 ± 0.086 χ^2/NDF : 12181.0/31

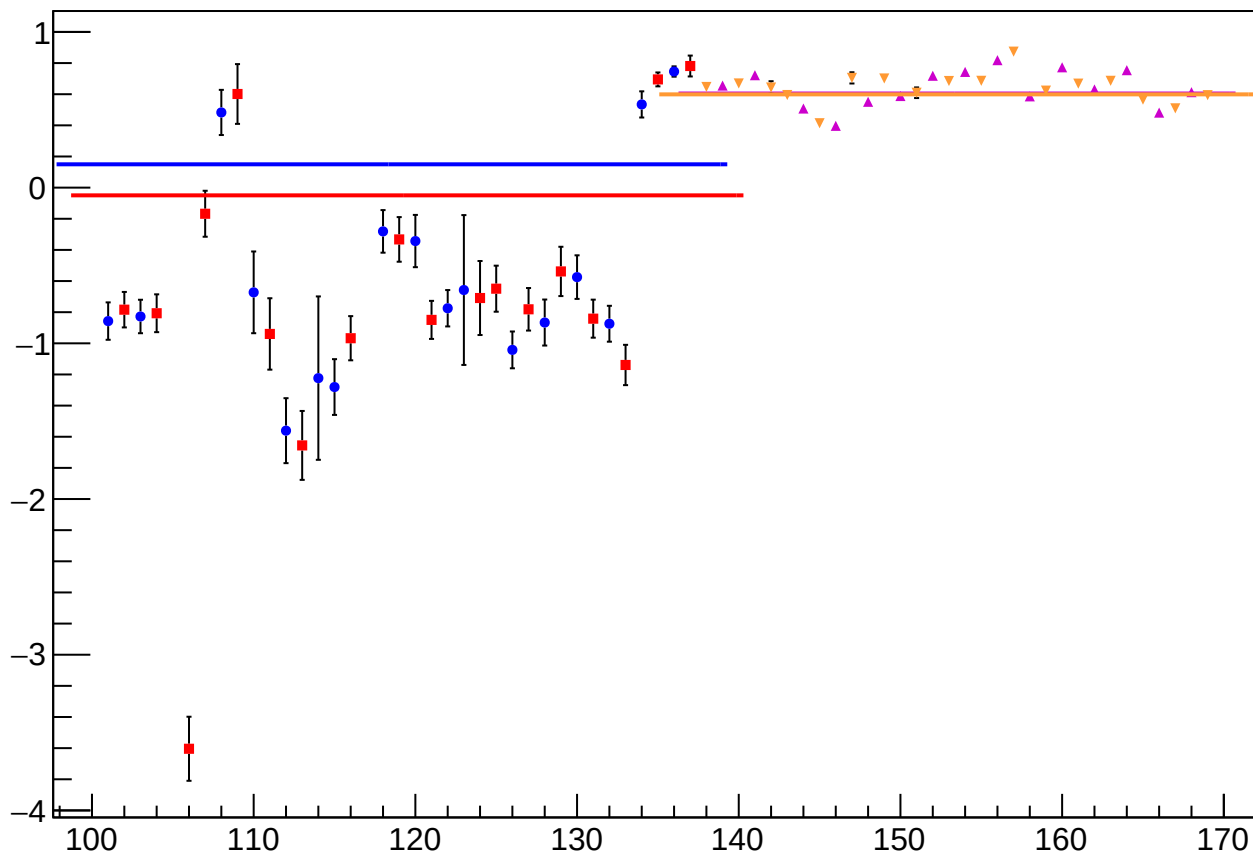
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -34.995 ± 0.119 χ^2/NDF : 12435.7/31

Out: -35.823 ± 0.115 χ^2/NDF : 11512.0/34

All: -35.424 ± 0.083 χ^2/NDF : 23972.6/66

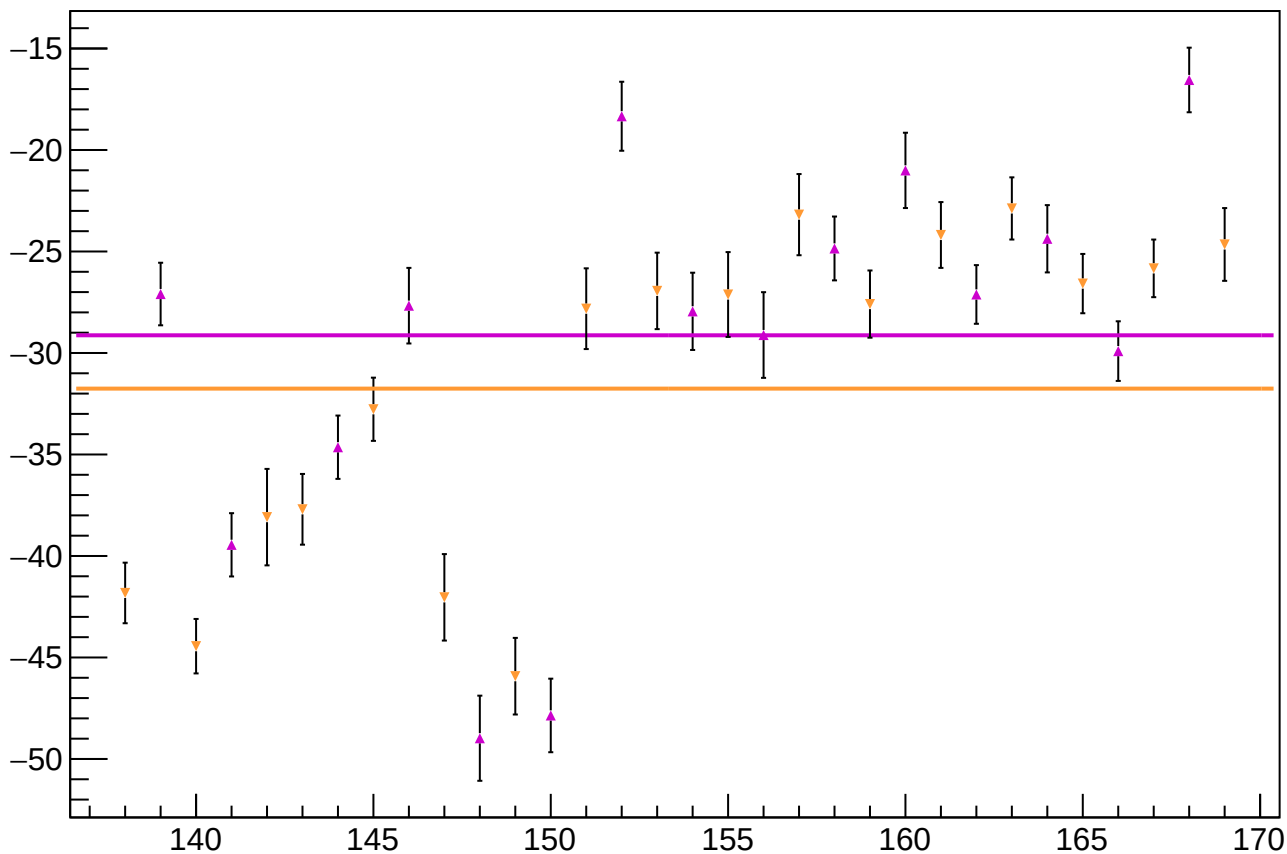
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.599 ± 0.006 χ^2/NDF : 379.5/16
 Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.605 ± 0.006 χ^2/NDF : 418.3/14

Left: 0.602 ± 0.004 χ^2/NDF : 798.4/31
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.579 ± 0.006 χ^2/NDF : 1747.1/31
 Out: 0.572 ± 0.005 χ^2/NDF : 2119.1/34
 All: 0.575 ± 0.004 χ^2/NDF : 3867.2/66

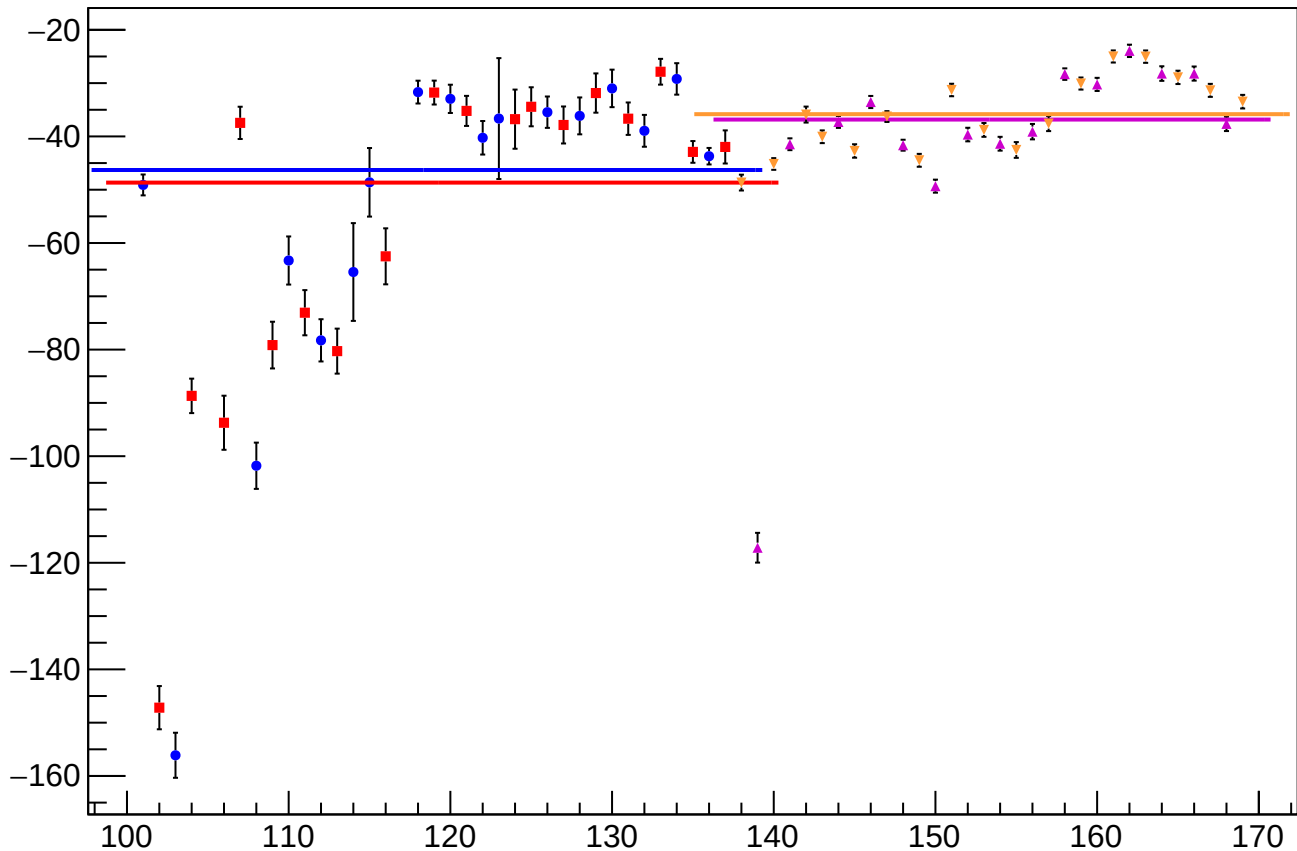
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.755+/-0.412 χ^2/NDF :374.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.128+/-0.434 χ^2/NDF :395.4/14

Left: -30.510+/-0.299 χ^2/NDF : 789.5/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -29.128+/-0.434 χ^2/NDF :395.4/14
 Out: -31.755+/-0.412 χ^2/NDF :374.9/16
 All: -30.510+/-0.299 χ^2/NDF : 789.5/31

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -35.826 ± 0.299 $\chi^2/\text{NDF}: 532.9/16$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -36.838 ± 0.321 $\chi^2/\text{NDF}: 1297.0/14$

Left: -36.296 ± 0.219 $\chi^2/\text{NDF}: 1835.2/31$

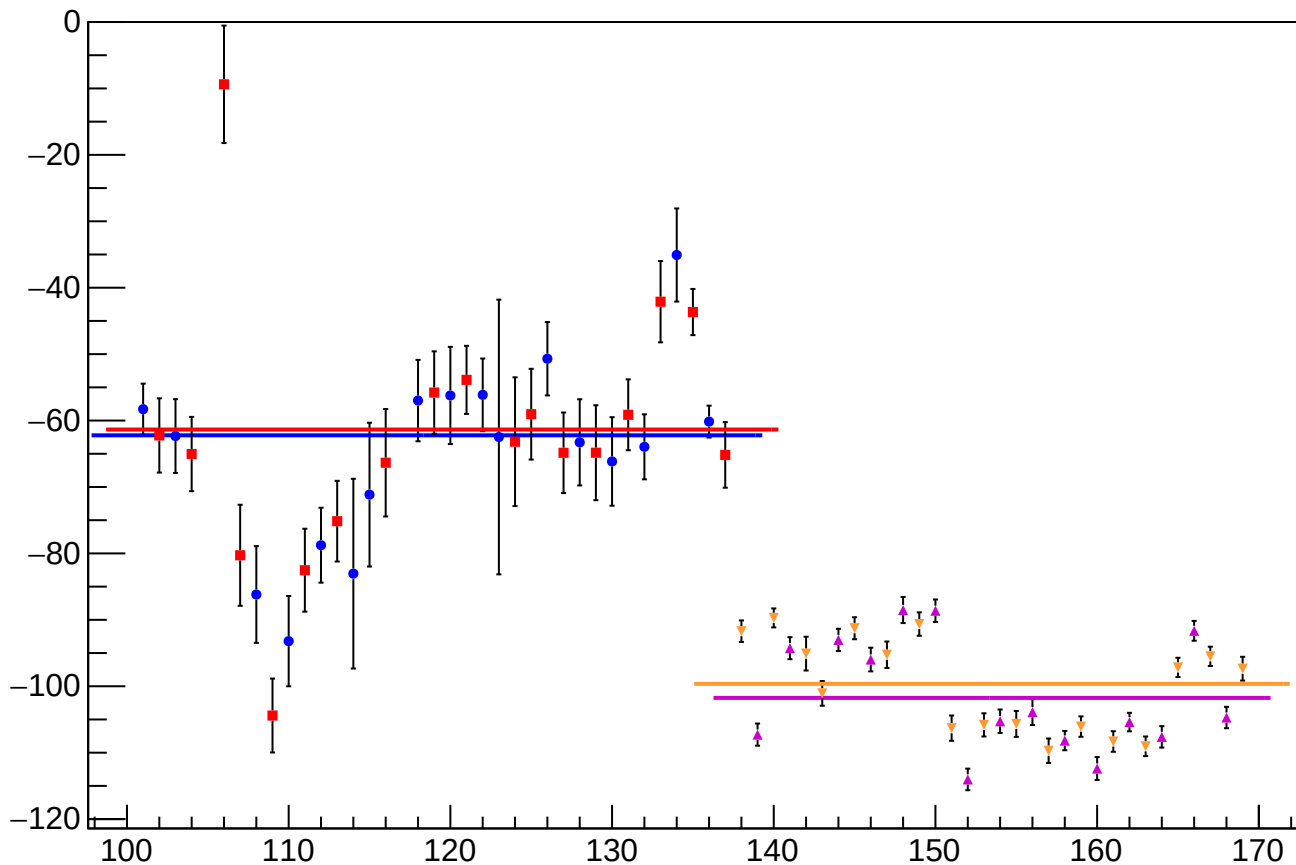
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -38.391 ± 0.293 $\chi^2/\text{NDF}: 2523.9/31$

Out: -37.532 ± 0.278 $\chi^2/\text{NDF}: 1990.6/34$

All: -37.939 ± 0.202 $\chi^2/\text{NDF}: 4519.0/66$

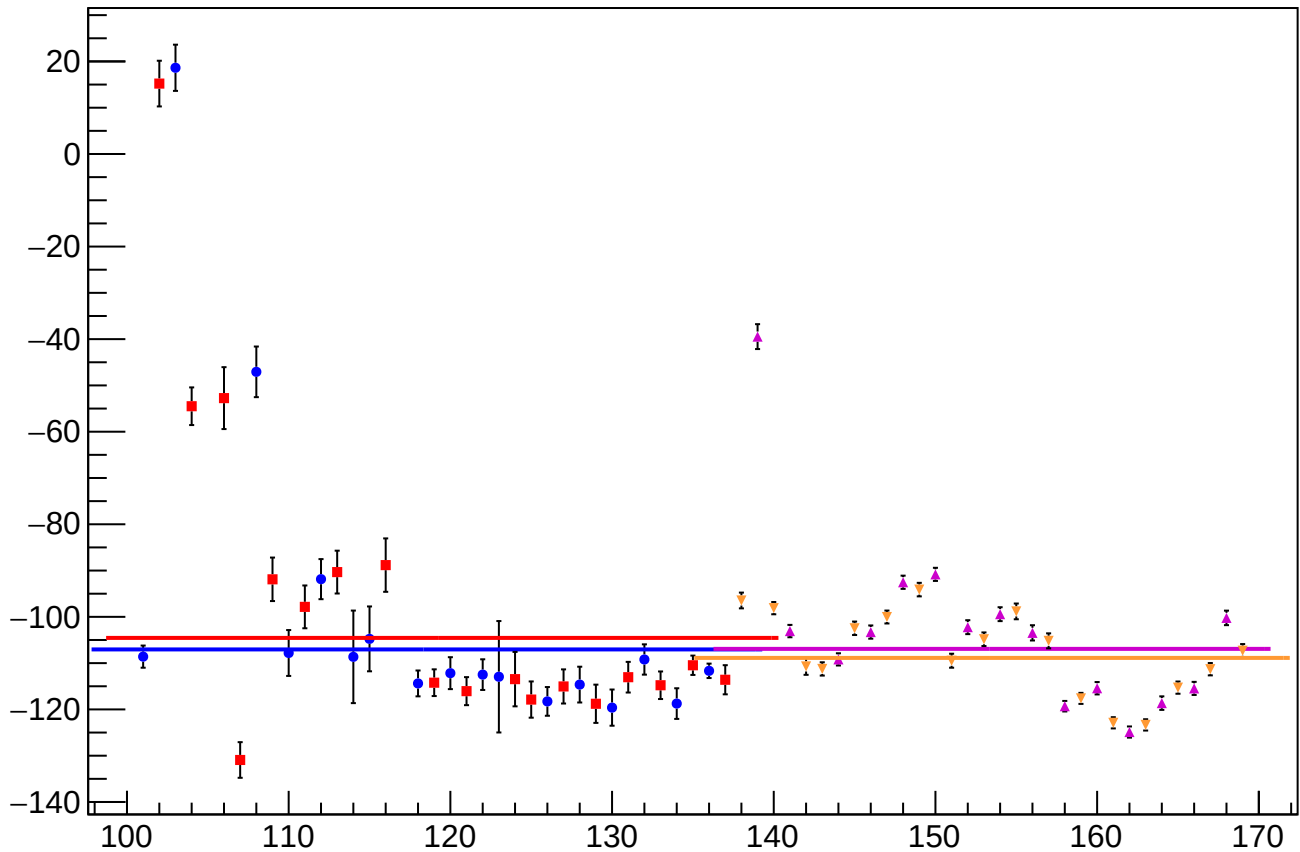
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.636 ± 0.409 χ^2/NDF : 299.0/16
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -101.751 ± 0.426 χ^2/NDF : 363.4/14

Left: -100.651 ± 0.295 χ^2/NDF : 675.2/31
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -97.978 ± 0.405 χ^2/NDF : 1252.3/31
 Out: -96.556 ± 0.392 χ^2/NDF : 1162.3/34
 All: -97.244 ± 0.282 χ^2/NDF : 2420.9/66

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: -108.871 ± 0.344 χ^2/NDF : 686.8/16

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -106.920 ± 0.368 χ^2/NDF : 1415.7/14

Left: -107.961 ± 0.251 χ^2/NDF : 2117.4/31

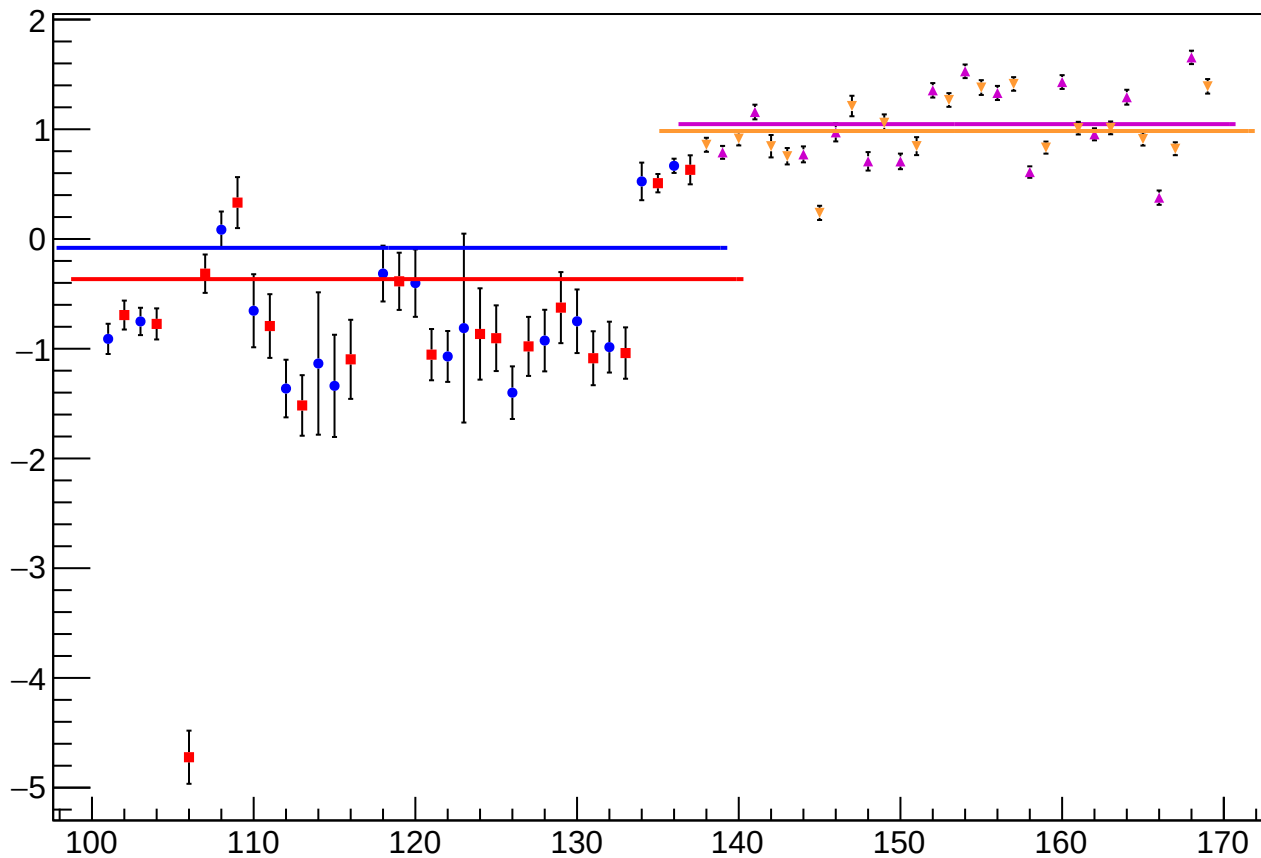
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -106.941 ± 0.335 χ^2/NDF : 2243.5/31

Out: -108.276 ± 0.319 χ^2/NDF : 1675.9/34

All: -107.640 ± 0.231 χ^2/NDF : 3927.8/66

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: 0.984 ± 0.016 χ^2/NDF : 315.7/16

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.047 ± 0.017 χ^2/NDF : 504.7/14

Left: 1.014 ± 0.012 χ^2/NDF : 827.7/31

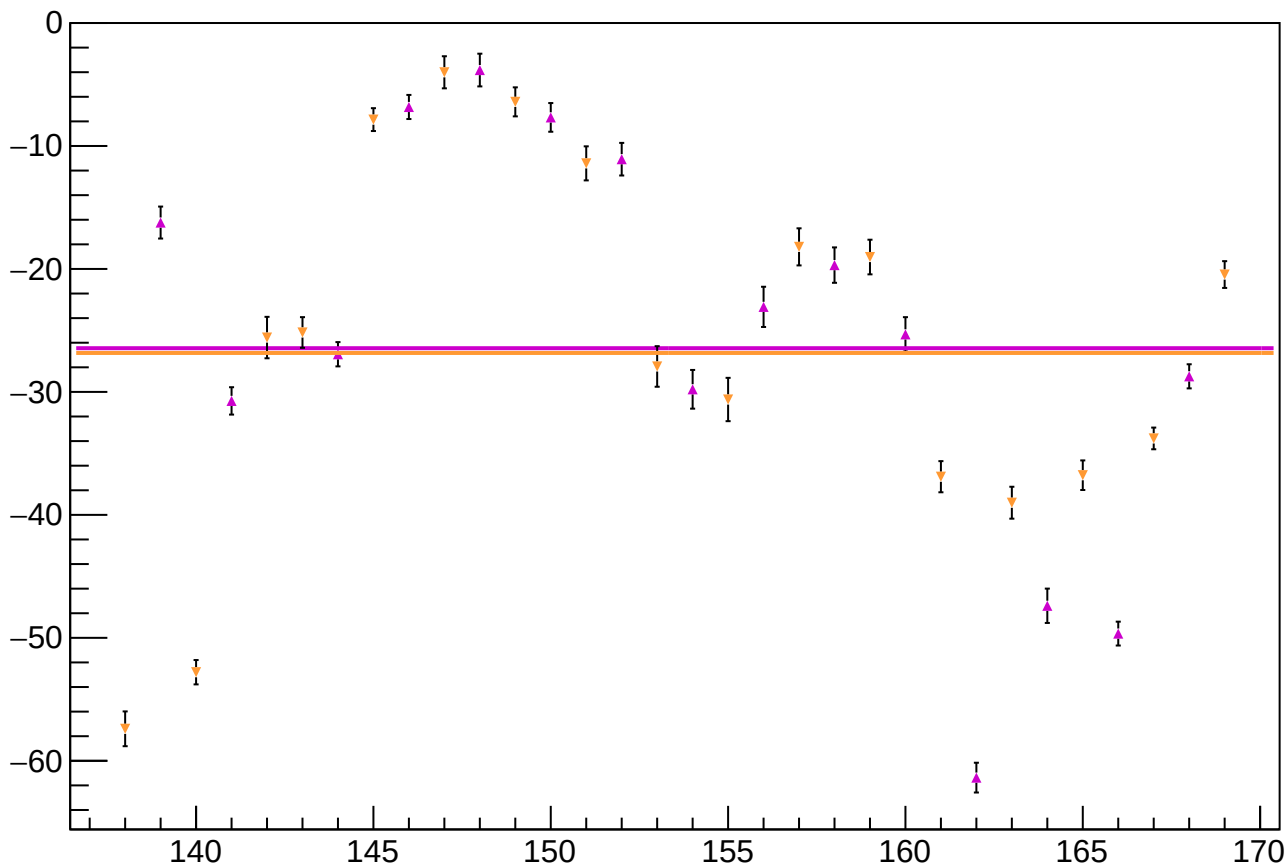
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.894 ± 0.016 χ^2/NDF : 1450.8/31

Out: 0.826 ± 0.015 χ^2/NDF : 1719.2/34

All: 0.859 ± 0.011 χ^2/NDF : 3179.9/66

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: -26.832+/-0.299 χ^2/NDF :2687.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.446+/-0.310 χ^2/NDF :2825.8/14

Left: -26.646+/-0.215 χ^2/NDF : 5513.9/31

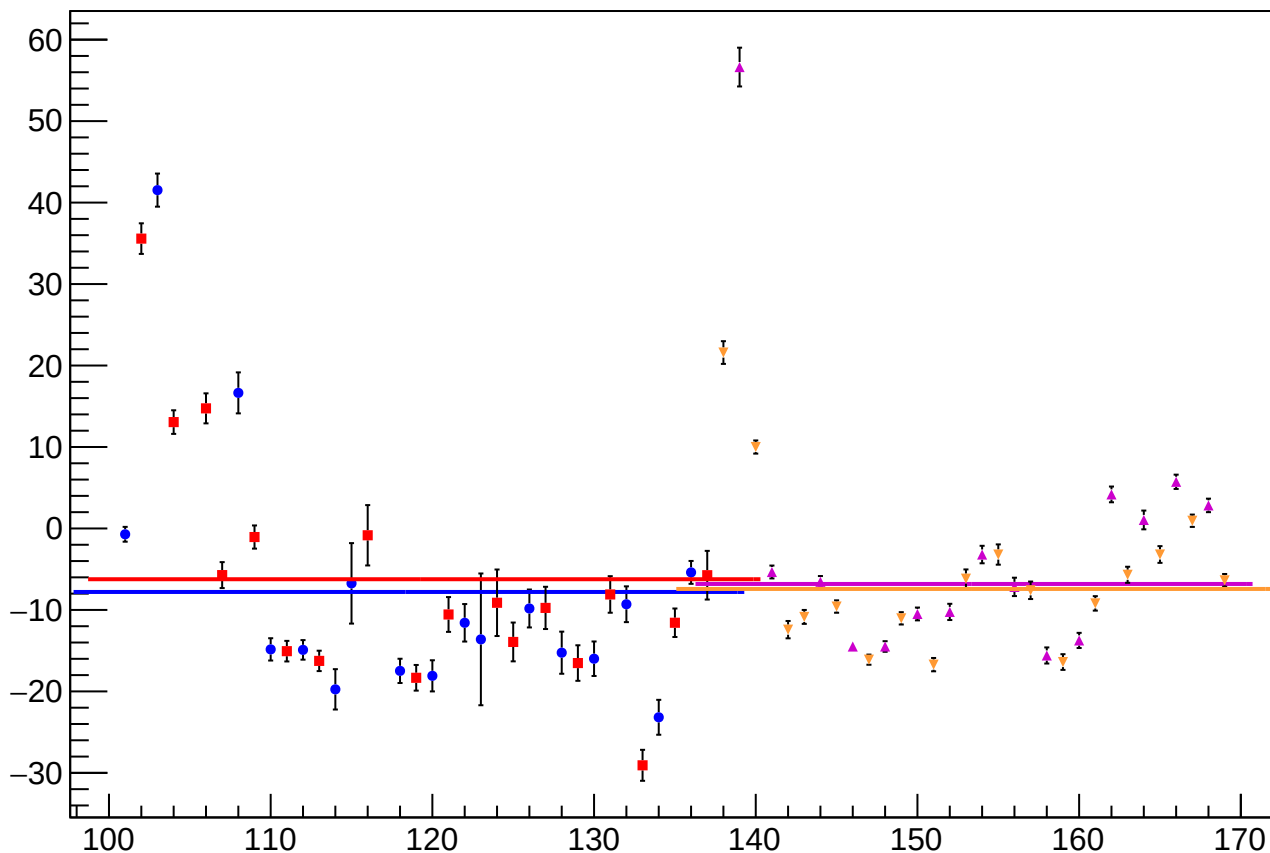
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.446+/-0.310 χ^2/NDF :2825.8/14

Out: -26.832+/-0.299 χ^2/NDF :2687.3/16

All: -26.646+/-0.215 χ^2/NDF : 5513.9/31

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: -7.425 ± 0.214 χ^2/NDF : 1537.5/16

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -6.812 ± 0.225 χ^2/NDF : 1703.8/14

Left: -7.133 ± 0.155 χ^2/NDF : 3245.2/31

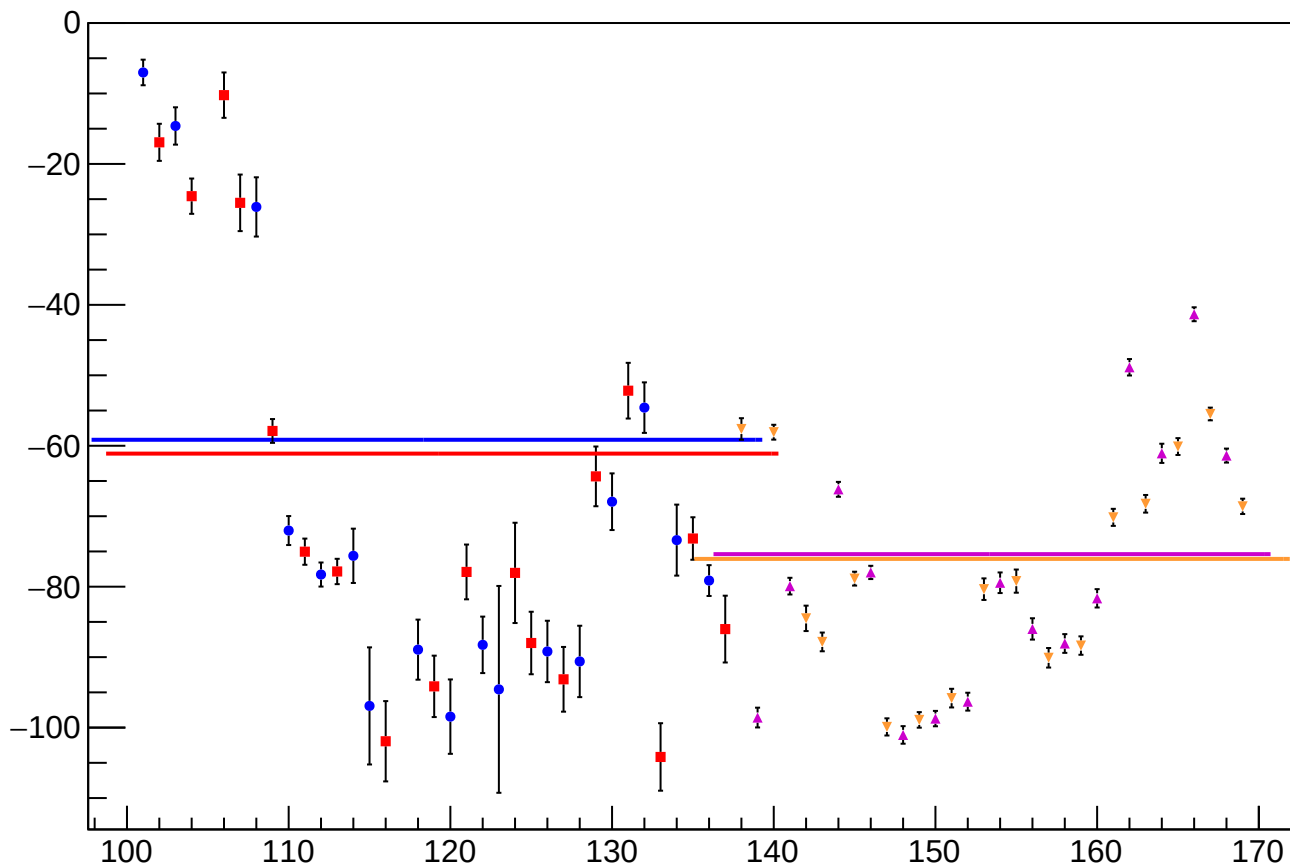
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -7.024 ± 0.199 χ^2/NDF : 2690.7/31

Out: -7.188 ± 0.192 χ^2/NDF : 2726.6/34

All: -7.109 ± 0.138 χ^2/NDF : 5417.7/66

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -76.058 $\pm$ 0.298 χ^2 /NDF: 2587.9/16

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -75.381 $\pm$ 0.305 χ^2 /NDF: 3707.4/14

Left: -75.728 $\pm$ 0.213 χ^2 /NDF: 6297.8/31

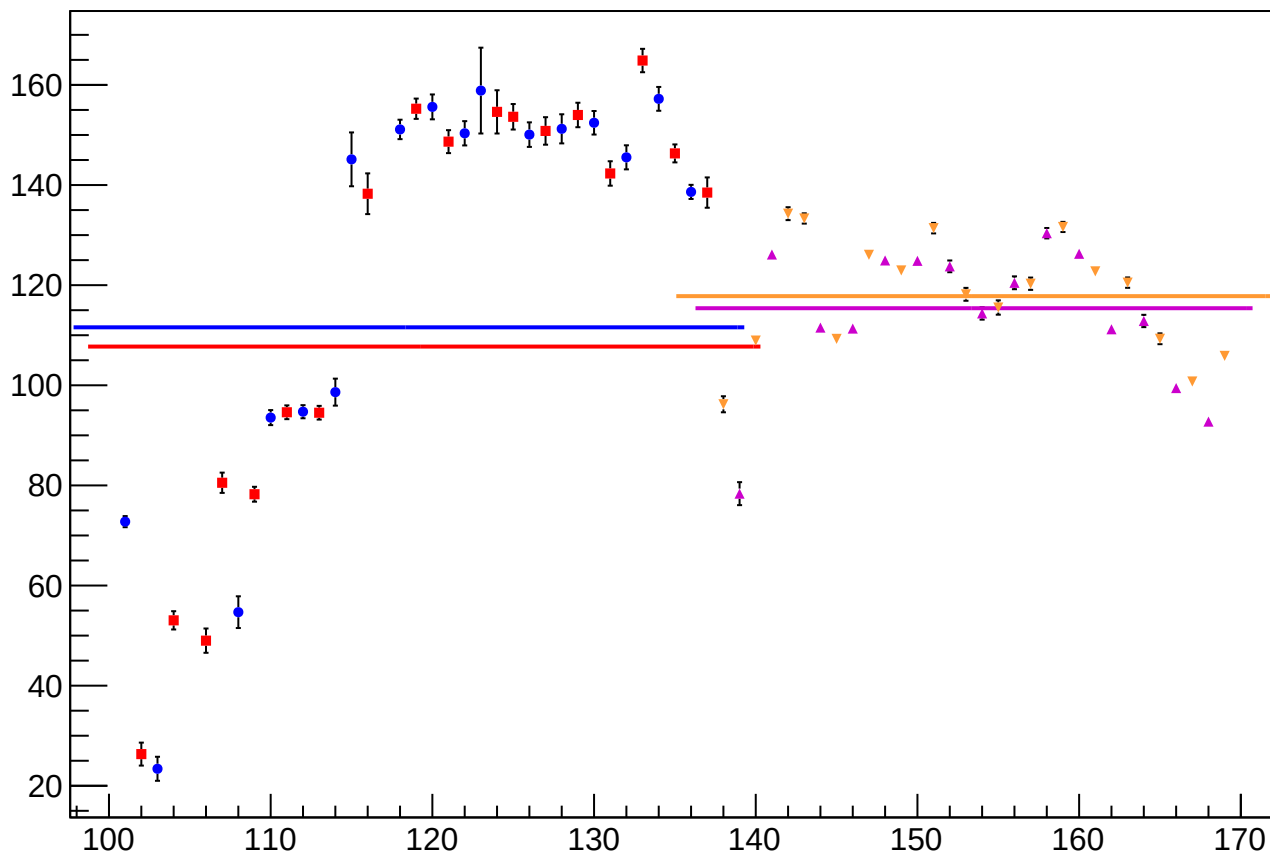
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -73.047 $\pm$ 0.283 χ^2 /NDF: 5831.9/31

Out: -73.812 $\pm$ 0.274 χ^2 /NDF: 4284.6/34

All: -73.441 $\pm$ 0.197 χ^2 /NDF: 10120.2/66

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: 117.808 $\pm$ 0.249 χ^2 /NDF:1940.4/16

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 115.395 $\pm$ 0.262 χ^2 /NDF:1905.3/14

Left: 116.663 $\pm$ 0.180 χ^2 /NDF: 3890.3/31

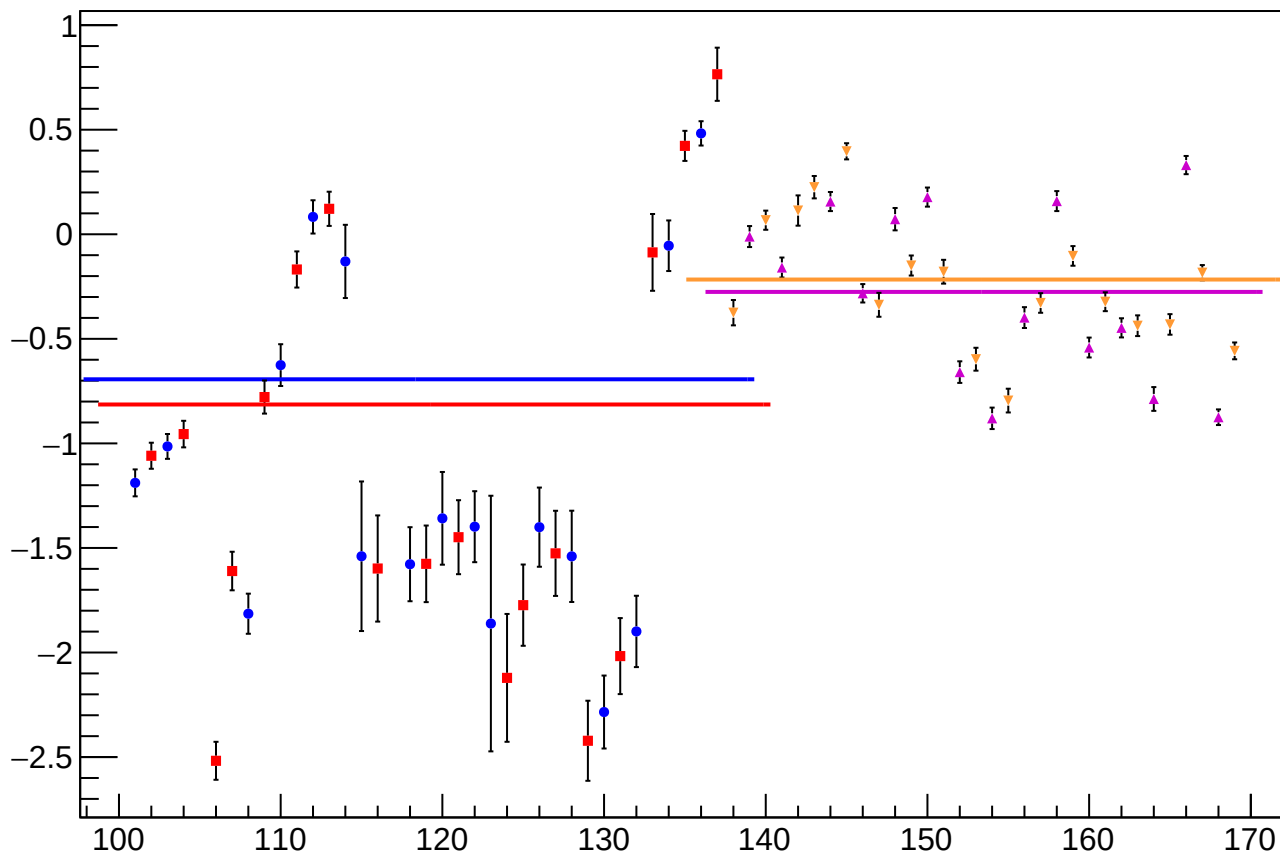
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 114.540 $\pm$ 0.231 χ^2 /NDF:7898.8/31

Out: 115.732 $\pm$ 0.222 χ^2 /NDF:9114.1/34

All: 115.160 $\pm$ 0.160 χ^2 /NDF: 17026.7/66

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: -0.216 ± 0.012 χ^2/NDF : 674.3/16

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.276 ± 0.012 χ^2/NDF : 1123.8/14

Left: -0.245 ± 0.008 χ^2/NDF : 1810.4/31

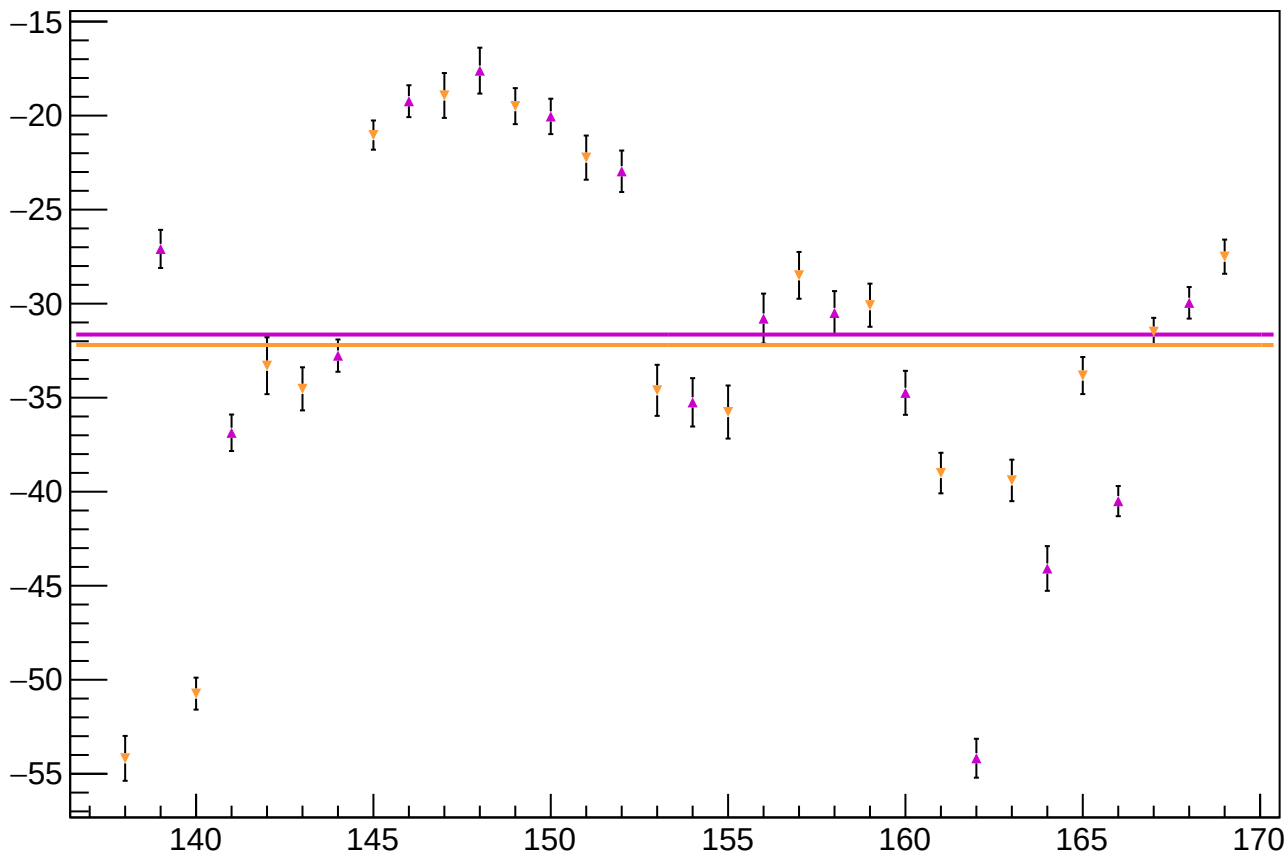
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.352 ± 0.011 χ^2/NDF : 2328.9/31

Out: -0.328 ± 0.011 χ^2/NDF : 2467.4/34

All: -0.340 ± 0.008 χ^2/NDF : 4798.7/66

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: -32.200+/-0.253 χ^2/NDF :1532.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.644+/-0.261 χ^2/NDF :1337.6/14

Left: -31.931+/-0.182 χ^2/NDF : 2872.2/31

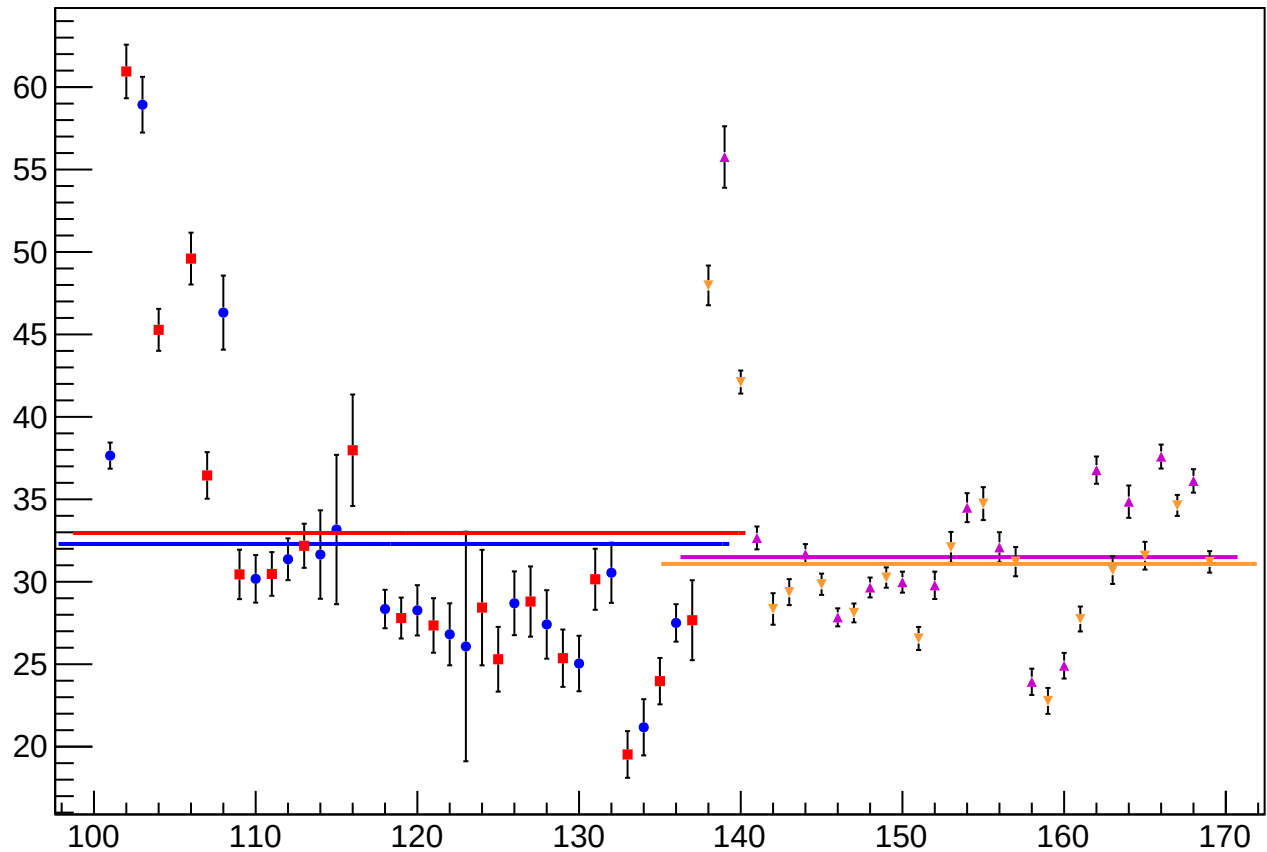
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.644+/-0.261 χ^2/NDF :1337.6/14

Out: -32.200+/-0.253 χ^2/NDF :1532.3/16

All: -31.931+/-0.182 χ^2/NDF : 2872.2/31

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: 31.084 ± 0.183 $\chi^2/\text{NDF}: 711.2/16$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 31.497 ± 0.192 $\chi^2/\text{NDF}: 574.8/14$

Left: 31.280 ± 0.132 $\chi^2/\text{NDF}: 1288.5/31$

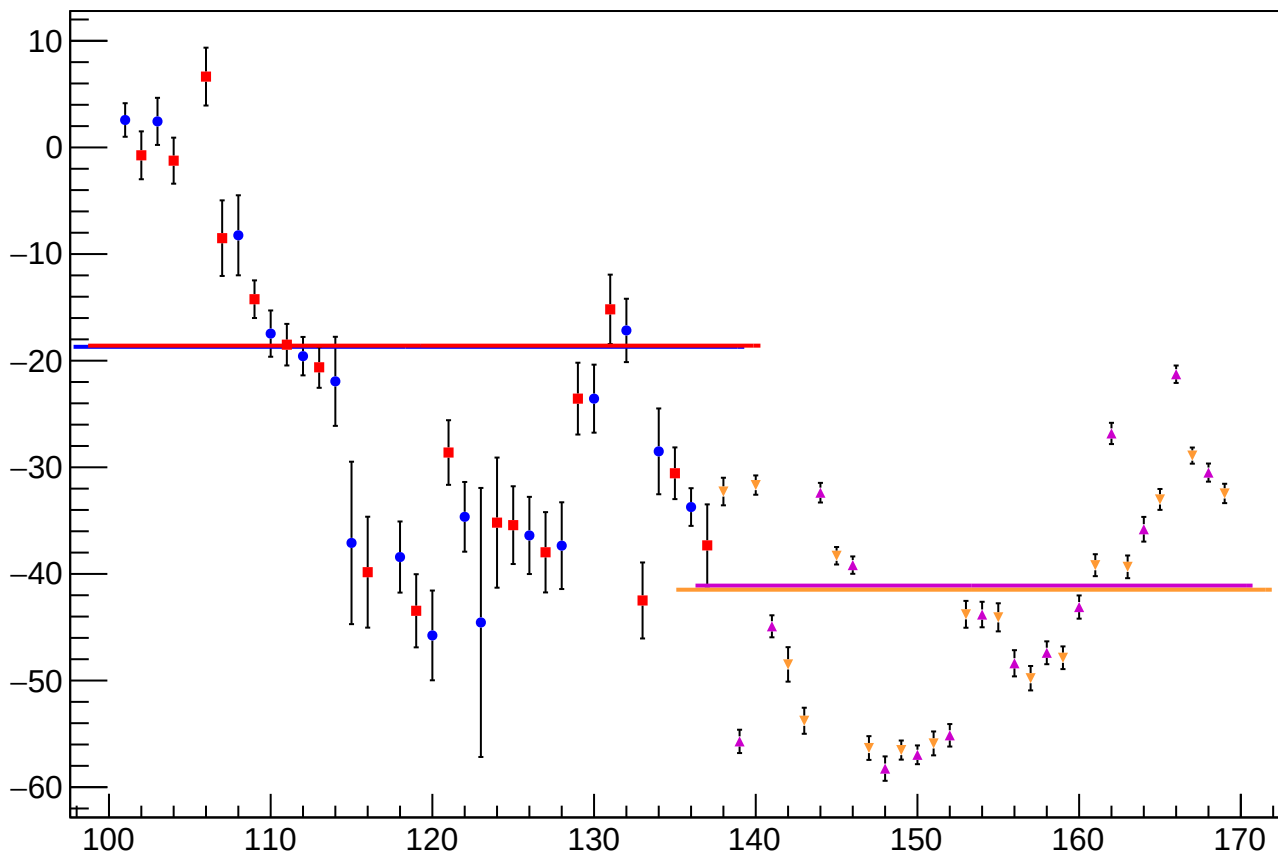
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.663 ± 0.171 $\chi^2/\text{NDF}: 1031.0/31$

Out: 31.436 ± 0.165 $\chi^2/\text{NDF}: 1455.0/34$

All: 31.546 ± 0.118 $\chi^2/\text{NDF}: 2486.9/66$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -41.480 ± 0.251 χ^2/NDF : 1482.9/16

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -41.097 ± 0.257 χ^2/NDF : 2063.8/14

Left: -41.293 ± 0.180 χ^2/NDF : 3547.9/31

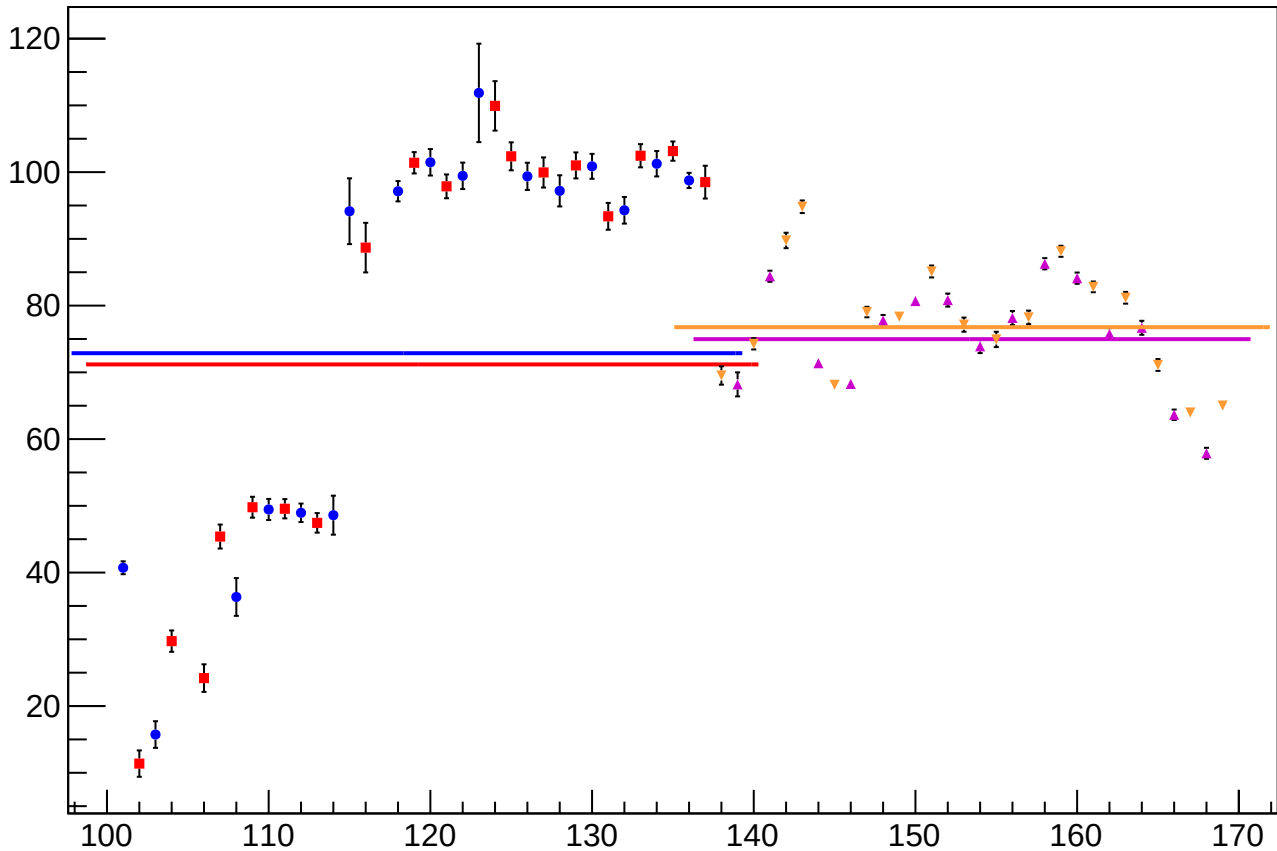
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -38.196 ± 0.240 χ^2/NDF : 3565.8/31

Out: -38.492 ± 0.234 χ^2/NDF : 3030.6/34

All: -38.348 ± 0.167 χ^2/NDF : 6597.3/66

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: 76.769 $\pm$ 0.211 χ^2 /NDF:1674.6/16

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 74.976 $\pm$ 0.222 χ^2 /NDF:1325.6/14

Left: 75.919 $\pm$ 0.153 χ^2 /NDF: 3034.3/31

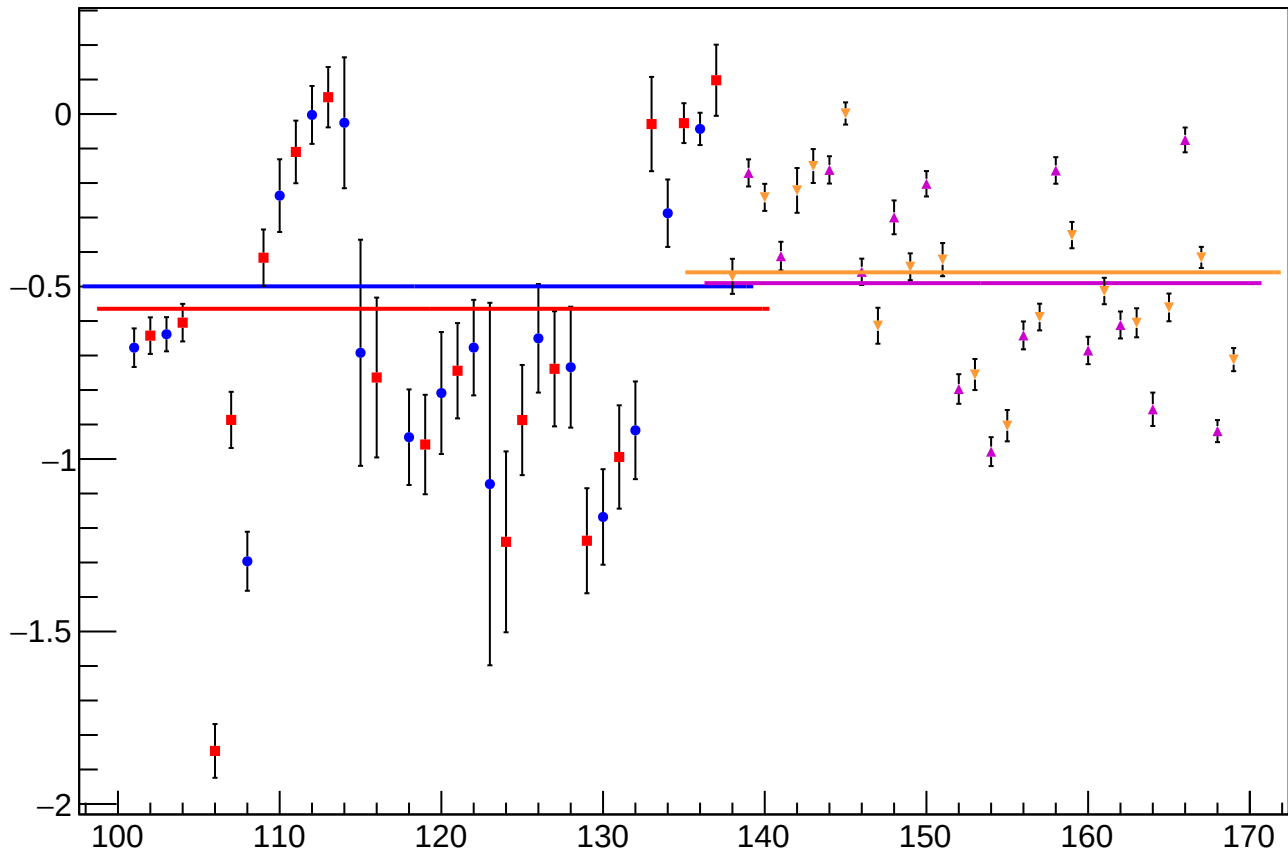
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.526 $\pm$ 0.197 χ^2 /NDF:6071.8/31

Out: 75.702 $\pm$ 0.190 χ^2 /NDF:7183.3/34

All: 75.136 $\pm$ 0.137 χ^2 /NDF: 13273.6/66

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: -0.459 ± 0.010 χ^2/NDF : 535.3/16

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.490 ± 0.010 χ^2/NDF : 892.7/14

Left: -0.474 ± 0.007 χ^2/NDF : 1432.9/31

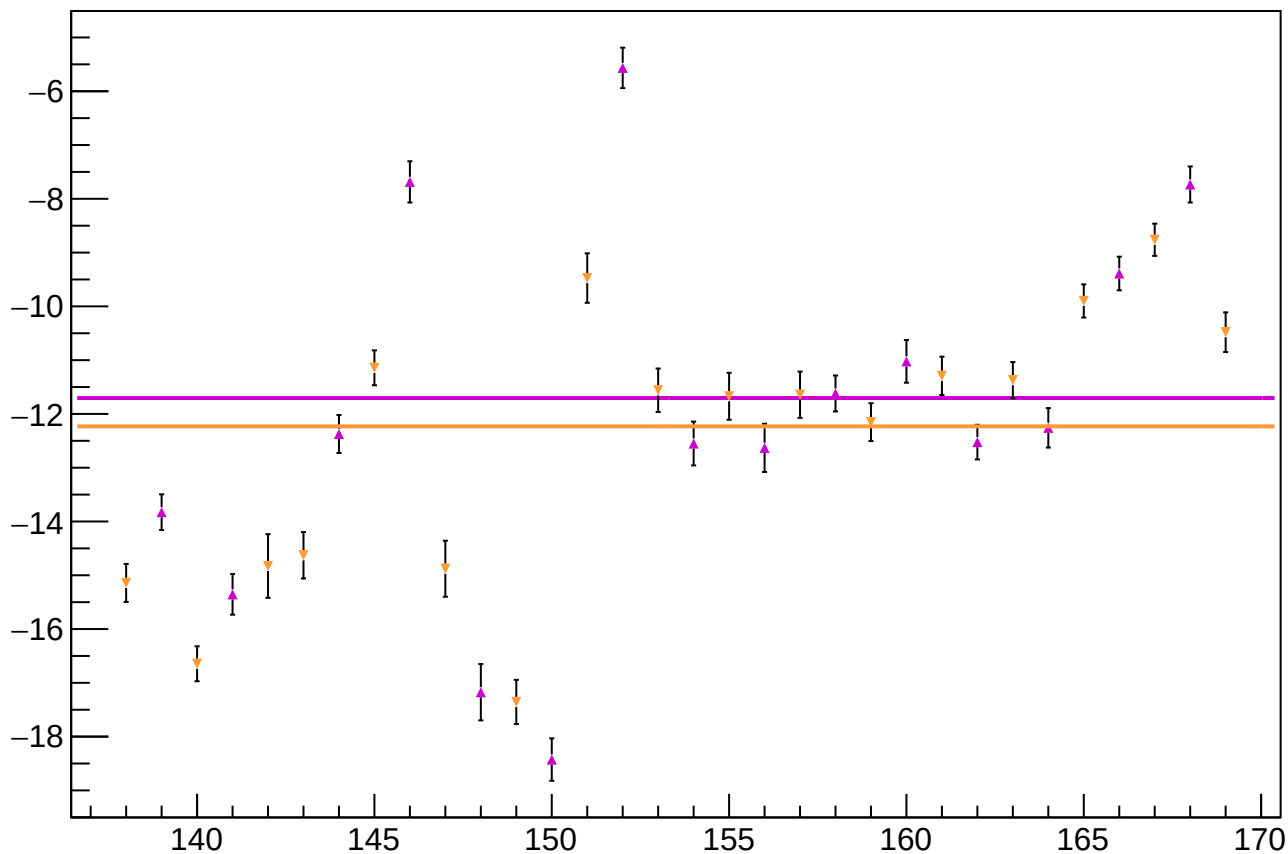
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.492 ± 0.009 χ^2/NDF : 1195.5/31

Out: -0.477 ± 0.009 χ^2/NDF : 1114.6/34

All: -0.484 ± 0.006 χ^2/NDF : 2311.4/66

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -12.231 $\pm$ 0.091 χ^2/NDF : 763.2/16

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -11.704 $\pm$ 0.095 χ^2/NDF : 1130.2/14

Left: -11.978 $\pm$ 0.066 χ^2/NDF : 1909.4/31

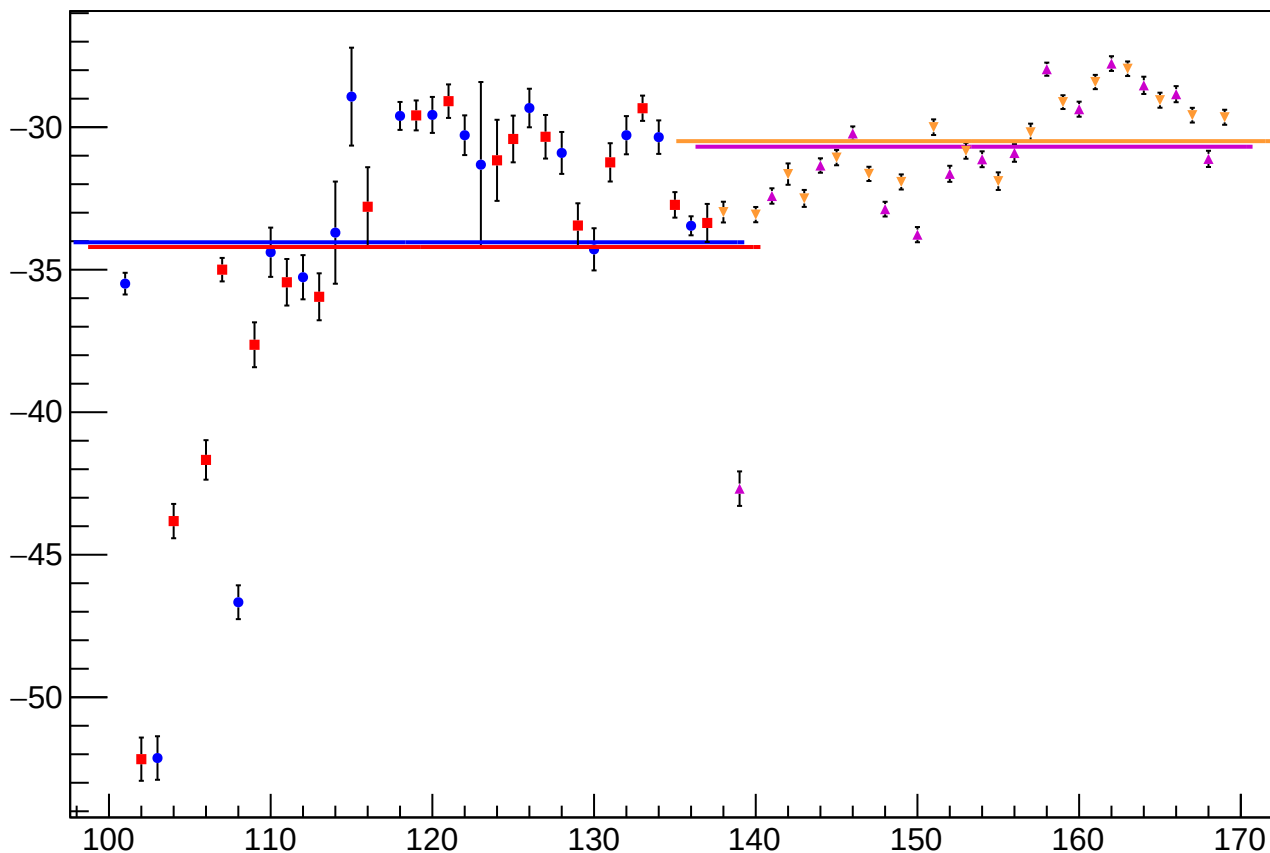
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.704 $\pm$ 0.095 χ^2/NDF : 1130.2/14

Out: -12.231 $\pm$ 0.091 χ^2/NDF : 763.2/16

All: -11.978 $\pm$ 0.066 χ^2/NDF : 1909.4/31

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -30.490 ± 0.067 $\chi^2/\text{NDF}: 527.4/16$

Right Out: -34.205 ± 0.151 $\chi^2/\text{NDF}: 1320.7/17$

Left In: -30.685 ± 0.071 $\chi^2/\text{NDF}: 1050.8/14$

Left: -30.582 ± 0.049 $\chi^2/\text{NDF}: 1582.2/31$

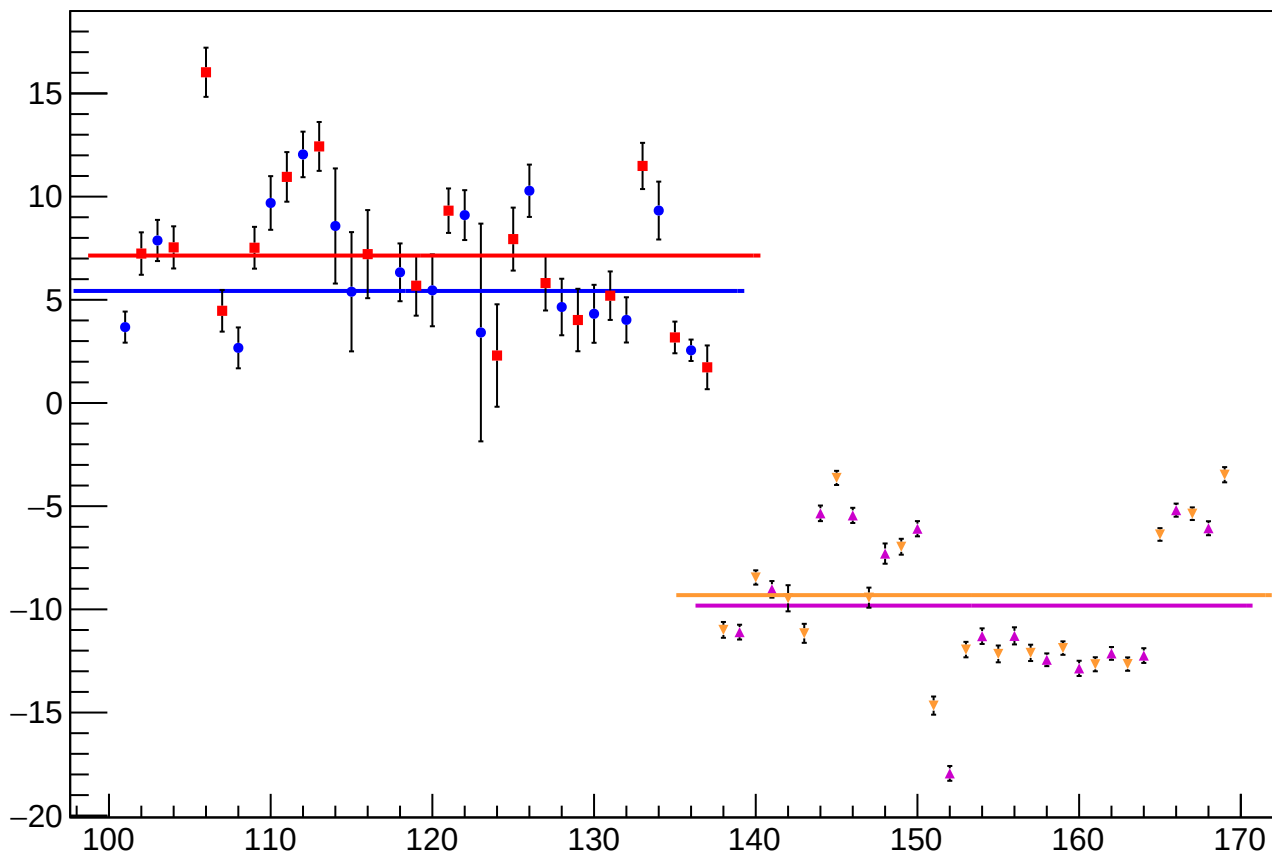
Right: -34.121 ± 0.107 $\chi^2/\text{NDF}: 2664.3/34$

In: -31.296 ± 0.064 $\chi^2/\text{NDF}: 2797.6/31$

Out: -31.101 ± 0.061 $\chi^2/\text{NDF}: 2355.1/34$

All: -31.193 ± 0.044 $\chi^2/\text{NDF}: 5157.5/66$

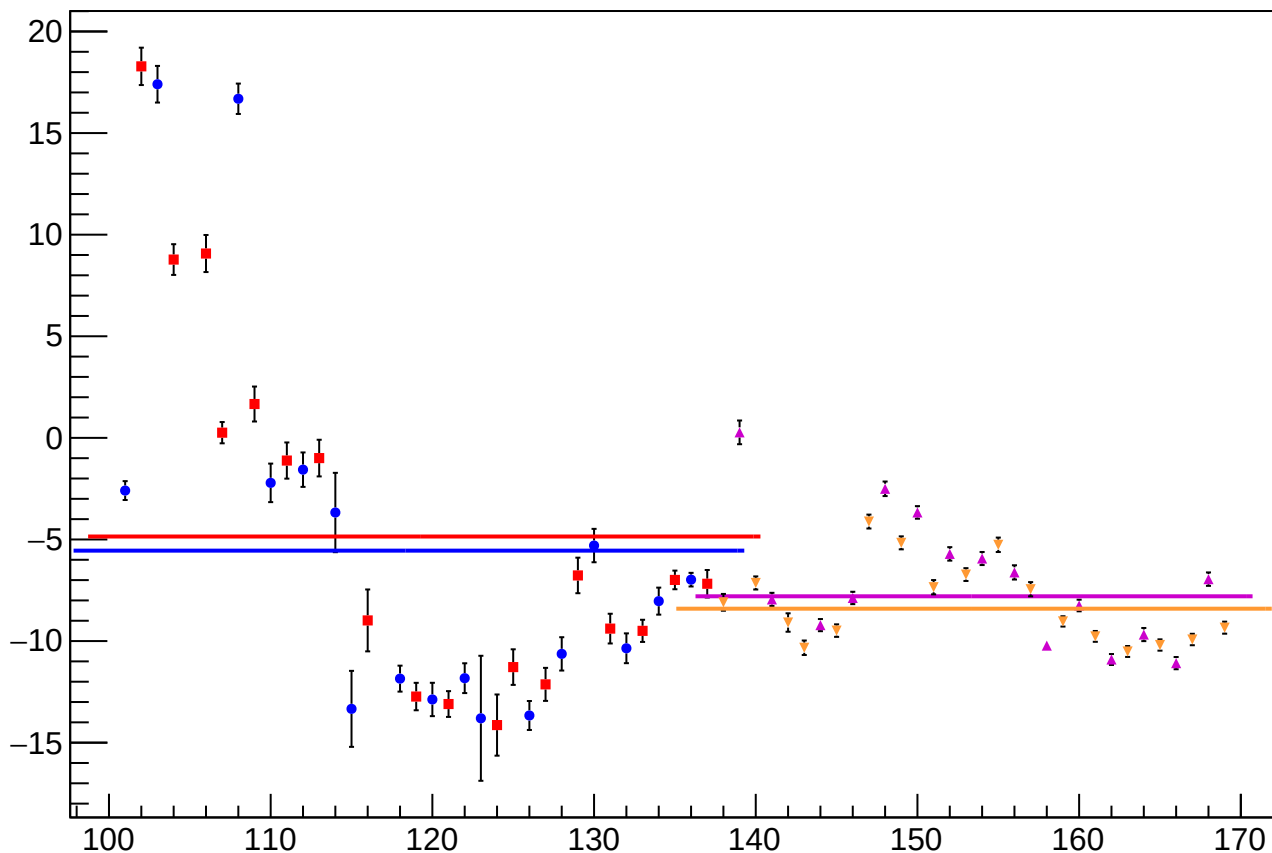
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$
 Left Out: -9.310 ± 0.090 $\chi^2/\text{NDF}: 1421.5/16$
 Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$
 Left In: -9.818 ± 0.093 $\chi^2/\text{NDF}: 1543.0/14$

Left: -9.556 ± 0.065 $\chi^2/\text{NDF}: 2979.8/31$
 Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$
 In: -8.192 ± 0.088 $\chi^2/\text{NDF}: 4526.8/31$
 Out: -7.708 ± 0.086 $\chi^2/\text{NDF}: 4832.5/34$
 All: -7.944 ± 0.061 $\chi^2/\text{NDF}: 9374.9/66$

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: -8.407 ± 0.076 χ^2/NDF : 616.1/16

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -7.796 ± 0.081 χ^2/NDF : 1090.8/14

Left: -8.120 ± 0.056 χ^2/NDF : 1736.9/31

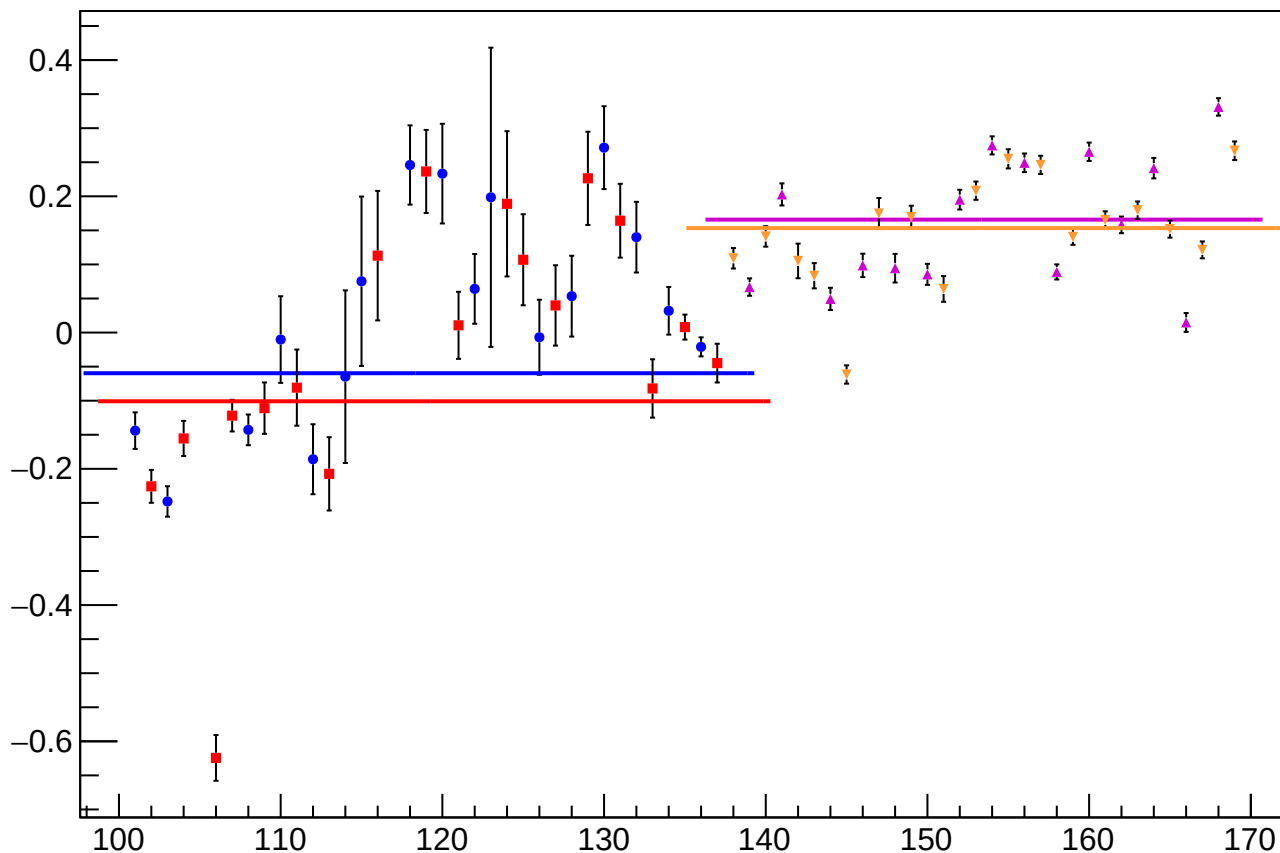
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.381 ± 0.073 χ^2/NDF : 3359.5/31

Out: -7.826 ± 0.070 χ^2/NDF : 2982.6/34

All: -7.614 ± 0.051 χ^2/NDF : 6361.5/66

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: 0.153 ± 0.004 χ^2/NDF : 506.1/16

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.166 ± 0.004 χ^2/NDF : 692.8/14

Left: 0.159 ± 0.003 χ^2/NDF : 1204.9/31

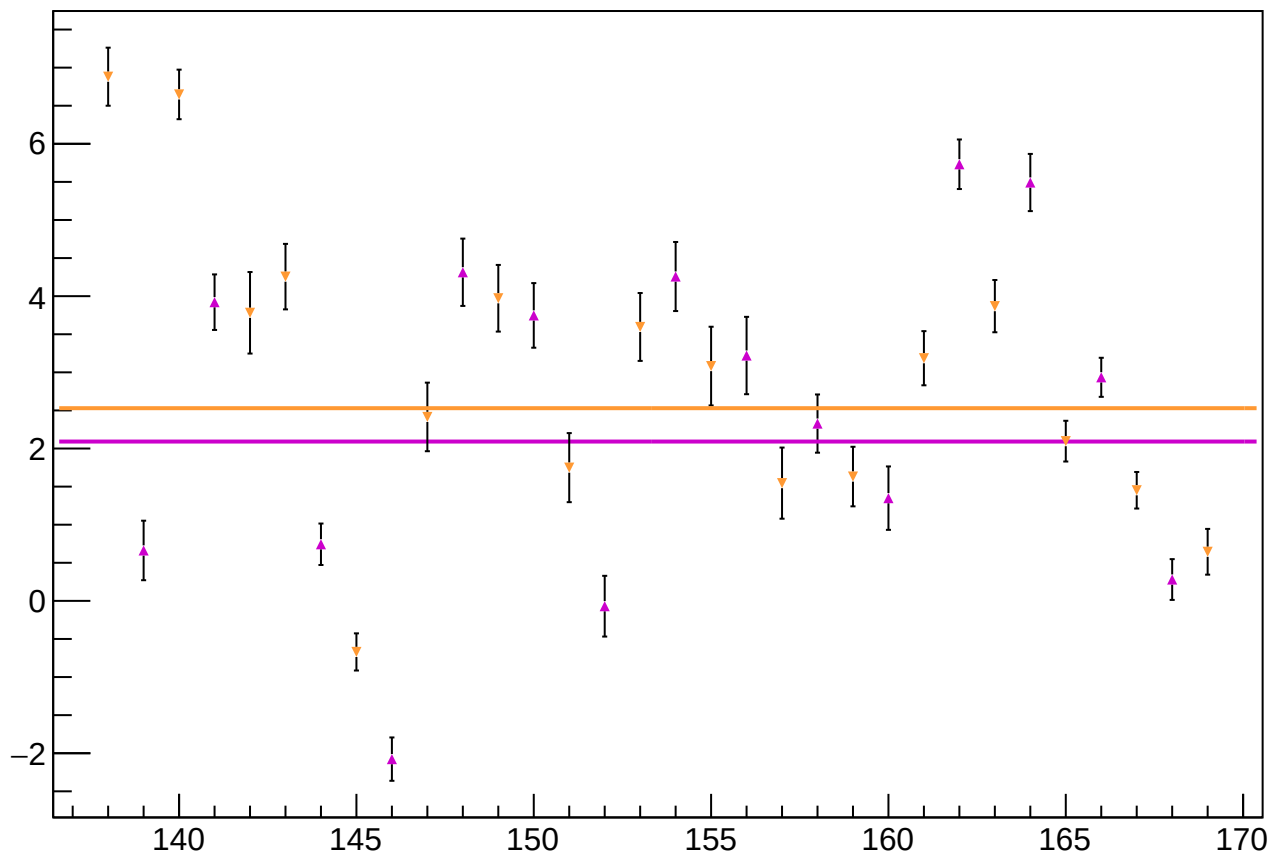
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.130 ± 0.003 χ^2/NDF : 1516.5/31

Out: 0.116 ± 0.003 χ^2/NDF : 1707.4/34

All: 0.123 ± 0.002 χ^2/NDF : 3233.1/66

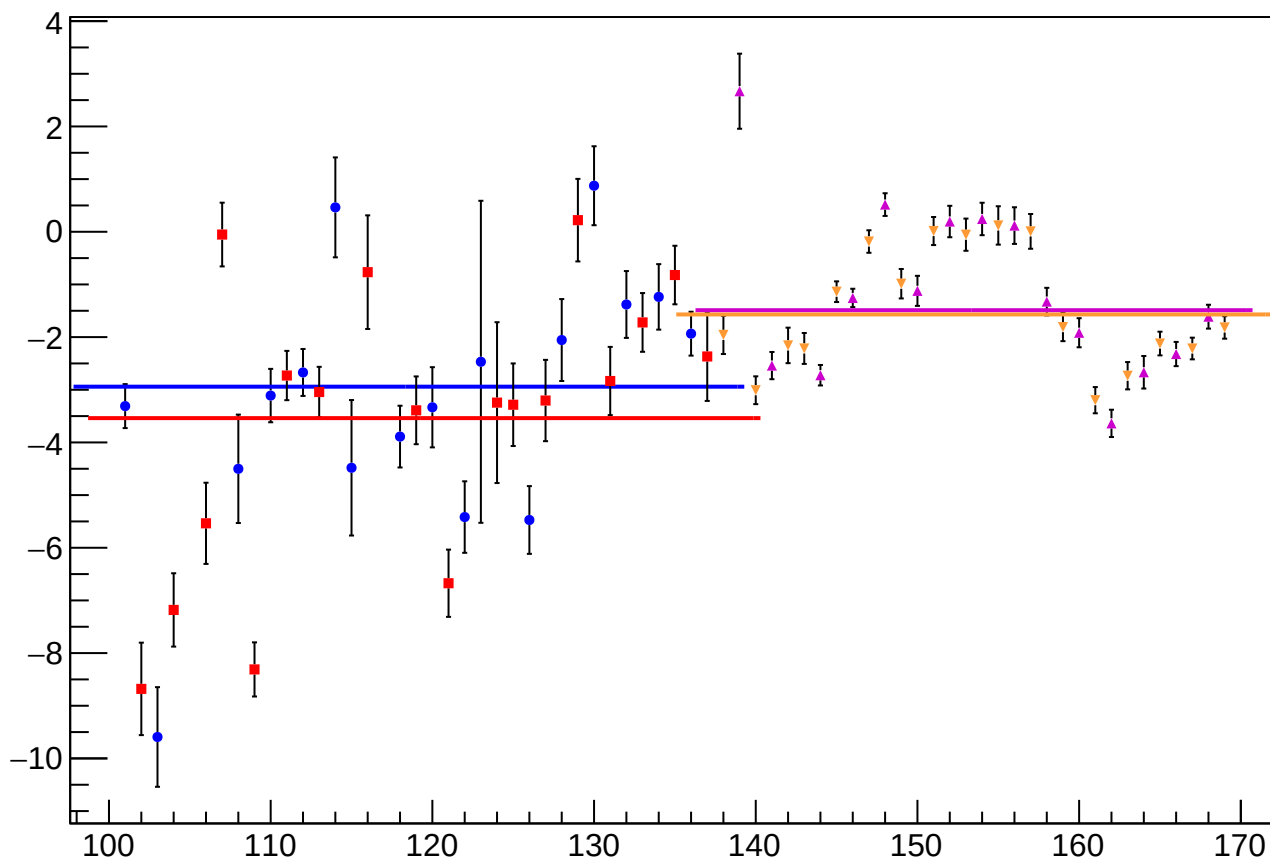
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.529 $\pm$ 0.086 χ^2/NDF :595.8/16
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.092 $\pm$ 0.090 χ^2/NDF :643.0/14

Left: 2.320 $\pm$ 0.062 χ^2/NDF : 1251.2/31
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.092 $\pm$ 0.090 χ^2/NDF :643.0/14
 Out: 2.529 $\pm$ 0.086 χ^2/NDF :595.8/16
 All: 2.320 $\pm$ 0.062 χ^2/NDF : 1251.2/31

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: -1.570 ± 0.063 χ^2/NDF : 275.1/16

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.489 ± 0.066 χ^2/NDF : 365.3/14

Left: -1.531 ± 0.045 χ^2/NDF : 641.2/31

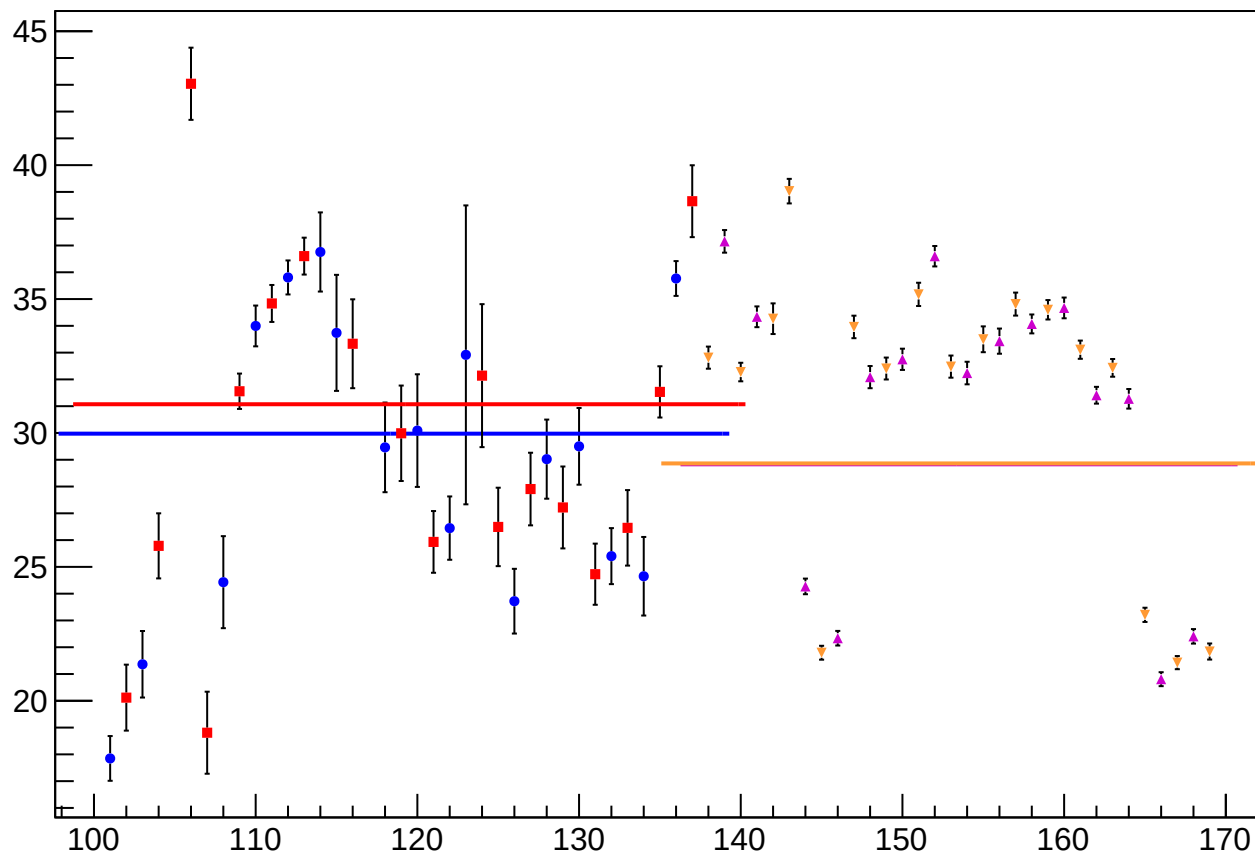
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.712 ± 0.060 χ^2/NDF : 585.9/31

Out: -1.848 ± 0.058 χ^2/NDF : 697.8/34

All: -1.783 ± 0.042 χ^2/NDF : 1286.4/66

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 28.863 ± 0.086 $\chi^2/\text{NDF}: 4744.1/16$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 28.830 ± 0.089 $\chi^2/\text{NDF}: 4206.8/14$

Left: 28.847 ± 0.062 $\chi^2/\text{NDF}: 8951.0/31$

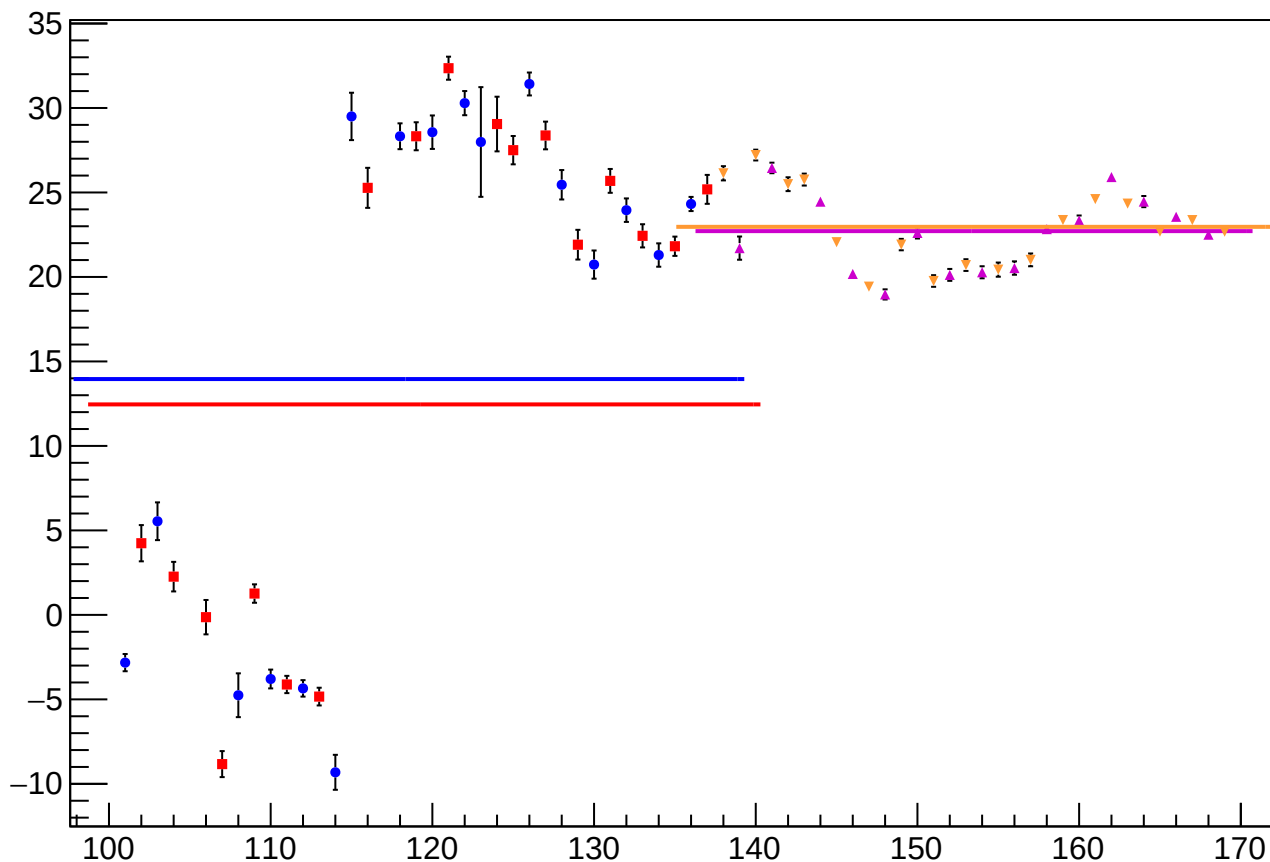
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 28.943 ± 0.084 $\chi^2/\text{NDF}: 4777.3/31$

Out: 29.078 ± 0.081 $\chi^2/\text{NDF}: 5262.4/34$

All: 29.013 ± 0.058 $\chi^2/\text{NDF}: 10041.0/66$

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: 22.966 $\pm$ 0.072 χ^2 /NDF: 767.5/16

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.712 $\pm$ 0.076 χ^2 /NDF: 807.7/14

Left: 22.846 $\pm$ 0.052 χ^2 /NDF: 1581.1/31

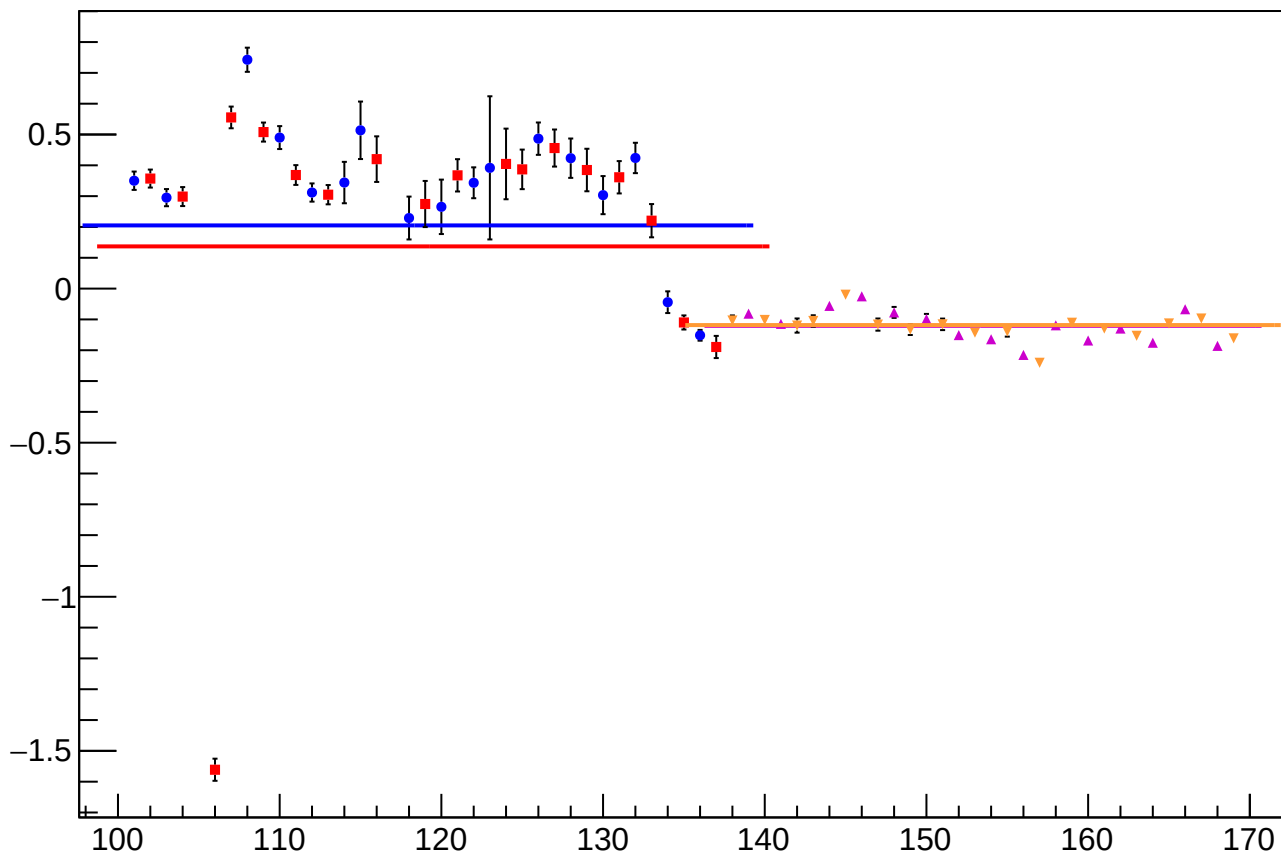
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.281 $\pm$ 0.070 χ^2 /NDF: 10316.1/31

Out: 21.430 $\pm$ 0.066 χ^2 /NDF: 10871.3/34

All: 21.359 $\pm$ 0.048 χ^2 /NDF: 21189.8/66

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: -0.118 ± 0.003 χ^2/NDF : 200.7/16

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.121 ± 0.004 χ^2/NDF : 235.4/14

Left: -0.120 ± 0.002 χ^2/NDF : 436.3/31

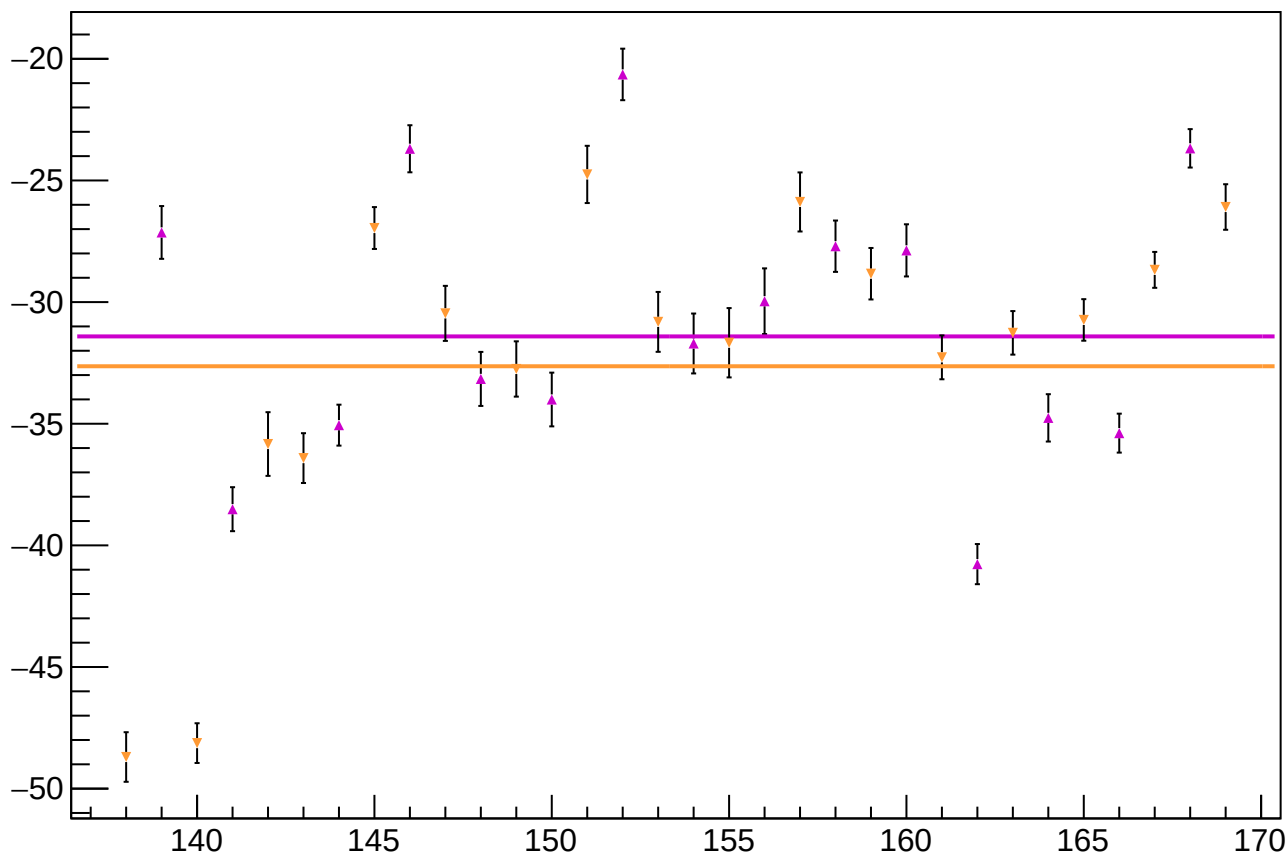
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.080 ± 0.003 χ^2/NDF : 2141.2/31

Out: -0.089 ± 0.003 χ^2/NDF : 3886.5/34

All: -0.085 ± 0.002 χ^2/NDF : 6030.9/66

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -32.637 $\pm$ 0.241 χ^2/NDF :851.8/16

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -31.410 $\pm$ 0.252 χ^2/NDF :556.4/14

Left: -32.051 $\pm$ 0.174 χ^2/NDF : 1420.6/31

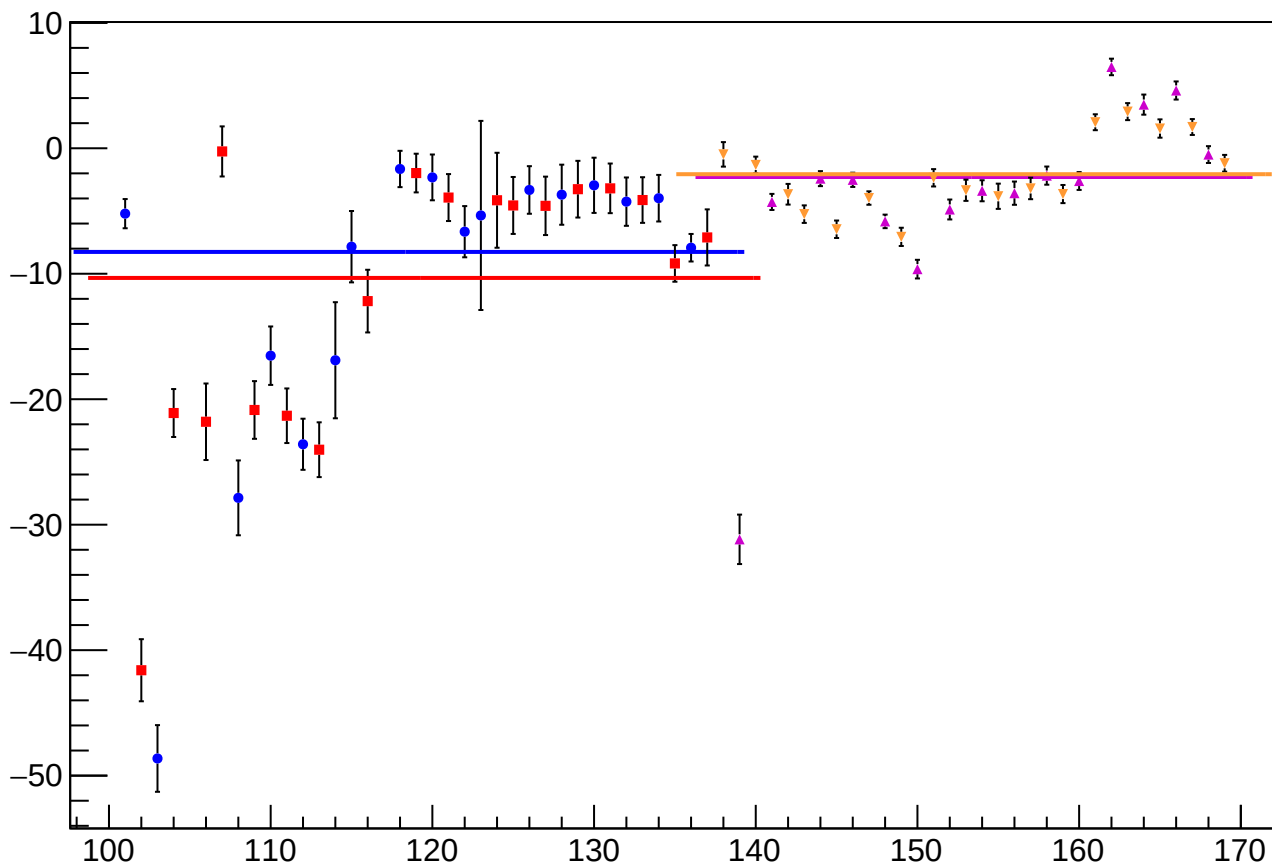
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.410 $\pm$ 0.252 χ^2/NDF :556.4/14

Out: -32.637 $\pm$ 0.241 χ^2/NDF :851.8/16

All: -32.051 $\pm$ 0.174 χ^2/NDF : 1420.6/31

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: -2.067 ± 0.173 $\chi^2/\text{NDF}: 298.7/16$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -2.289 ± 0.183 $\chi^2/\text{NDF}: 706.8/14$

Left: -2.172 ± 0.126 $\chi^2/\text{NDF}: 1006.3/31$

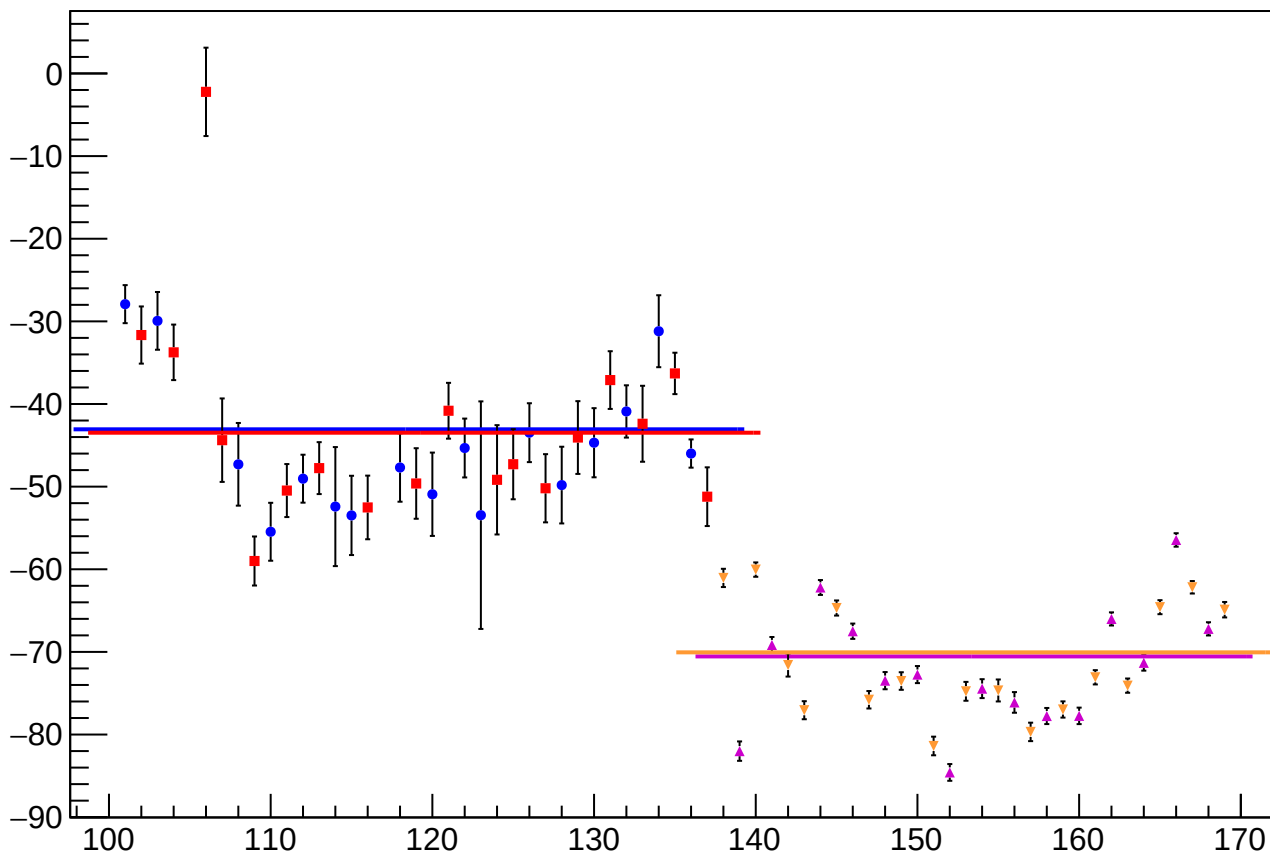
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -3.096 ± 0.170 $\chi^2/\text{NDF}: 1262.8/31$

Out: -2.981 ± 0.163 $\chi^2/\text{NDF}: 961.6/34$

All: -3.036 ± 0.118 $\chi^2/\text{NDF}: 2224.6/66$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

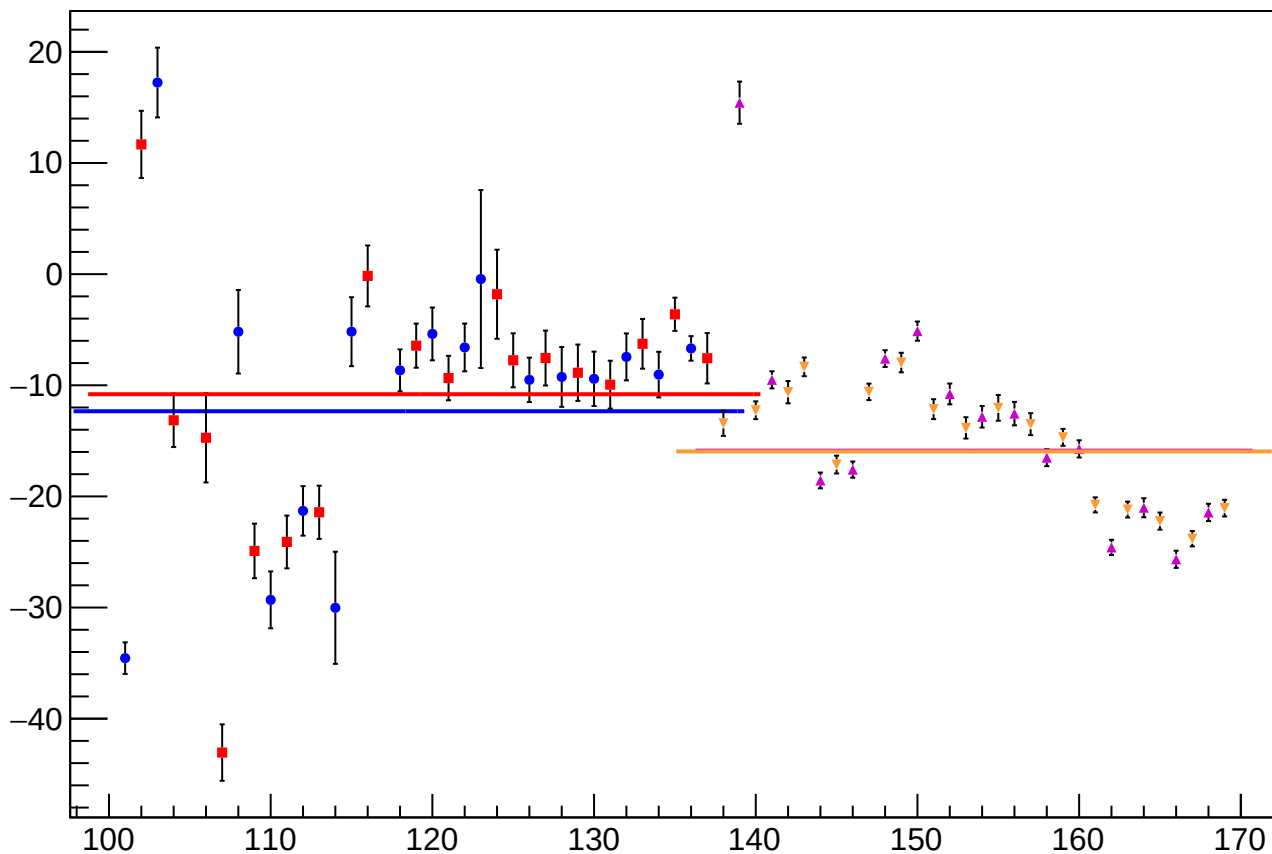


Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -70.053 ± 0.240 $\chi^2/\text{NDF}: 784.8/16$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -70.545 ± 0.248 $\chi^2/\text{NDF}: 887.1/14$

Left: -70.291 ± 0.172 $\chi^2/\text{NDF}: 1674.0/31$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -68.320 ± 0.238 $\chi^2/\text{NDF}: 1980.9/31$
 Out: -68.172 ± 0.231 $\chi^2/\text{NDF}: 1797.0/34$

All: -68.244 ± 0.166 $\chi^2/\text{NDF}: 3778.0/66$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -15.951 ± 0.200 χ^2/NDF : 662.6/16

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -15.884 ± 0.212 χ^2/NDF : 1093.1/14

Left: -15.920 ± 0.146 χ^2/NDF : 1755.7/31

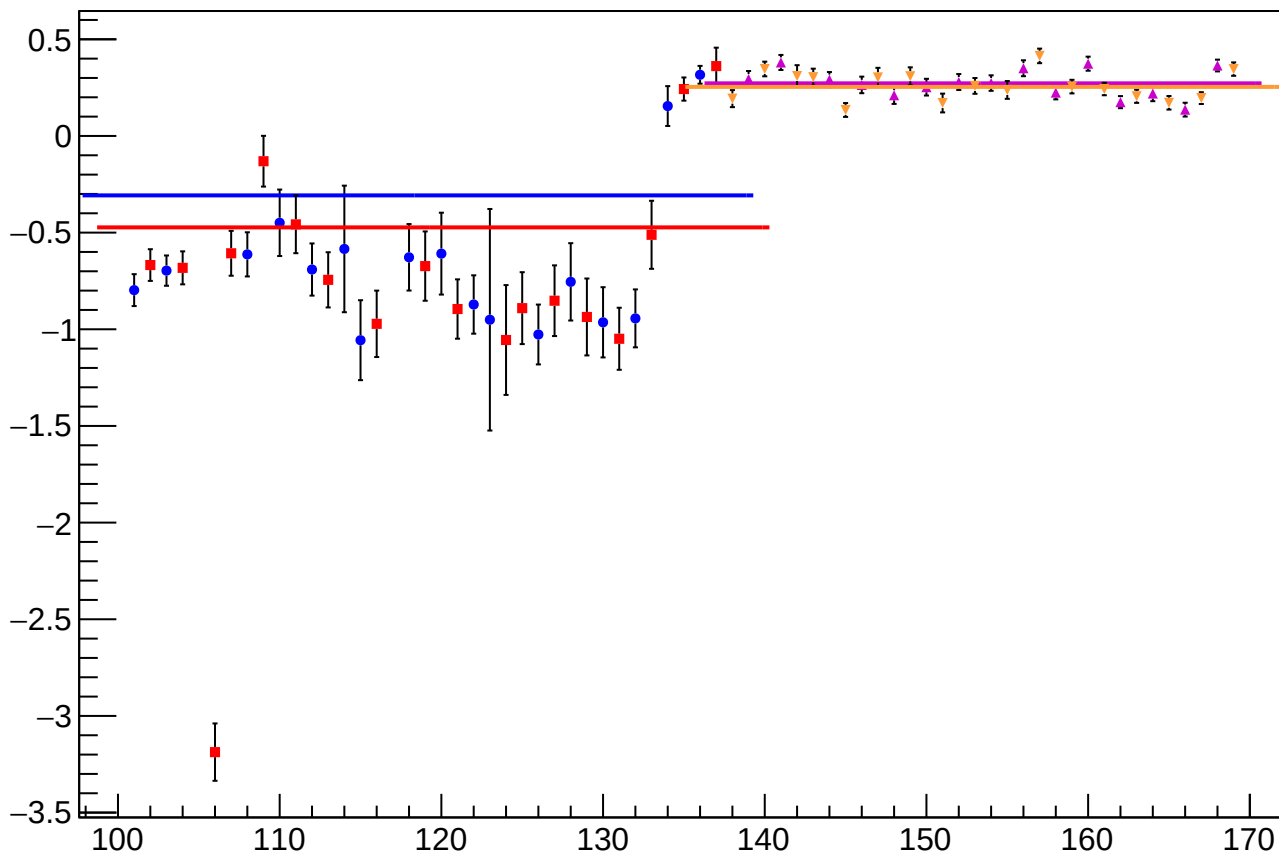
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -15.378 ± 0.196 χ^2/NDF : 1608.1/31

Out: -15.356 ± 0.188 χ^2/NDF : 1100.4/34

All: -15.367 ± 0.136 χ^2/NDF : 2708.4/66

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: 0.254 ± 0.009 χ^2/NDF : 63.1/16

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.272 ± 0.010 χ^2/NDF : 58.8/14

Left: 0.263 ± 0.007 χ^2/NDF : 123.7/31

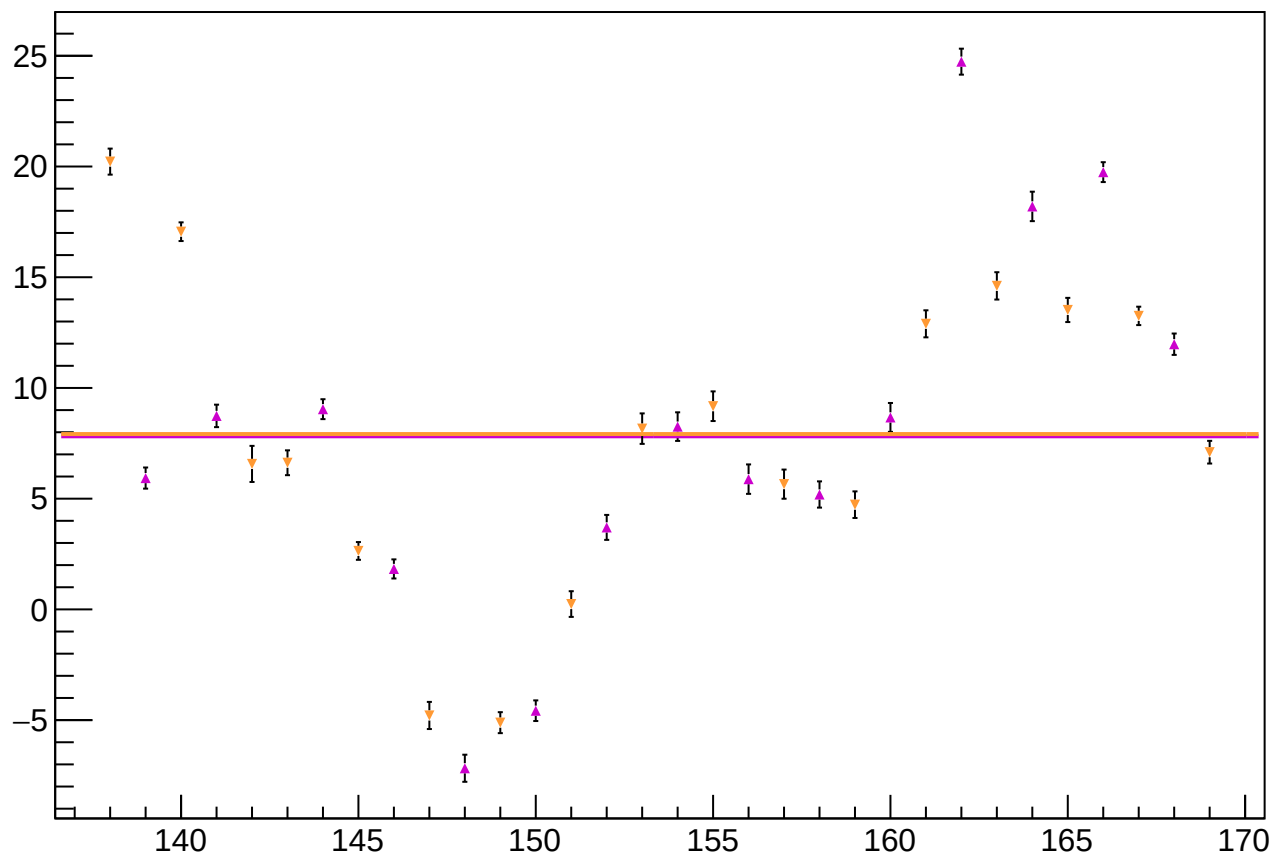
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.207 ± 0.009 χ^2/NDF : 824.0/31

Out: 0.182 ± 0.009 χ^2/NDF : 1271.2/34

All: 0.194 ± 0.006 χ^2/NDF : 2098.7/66

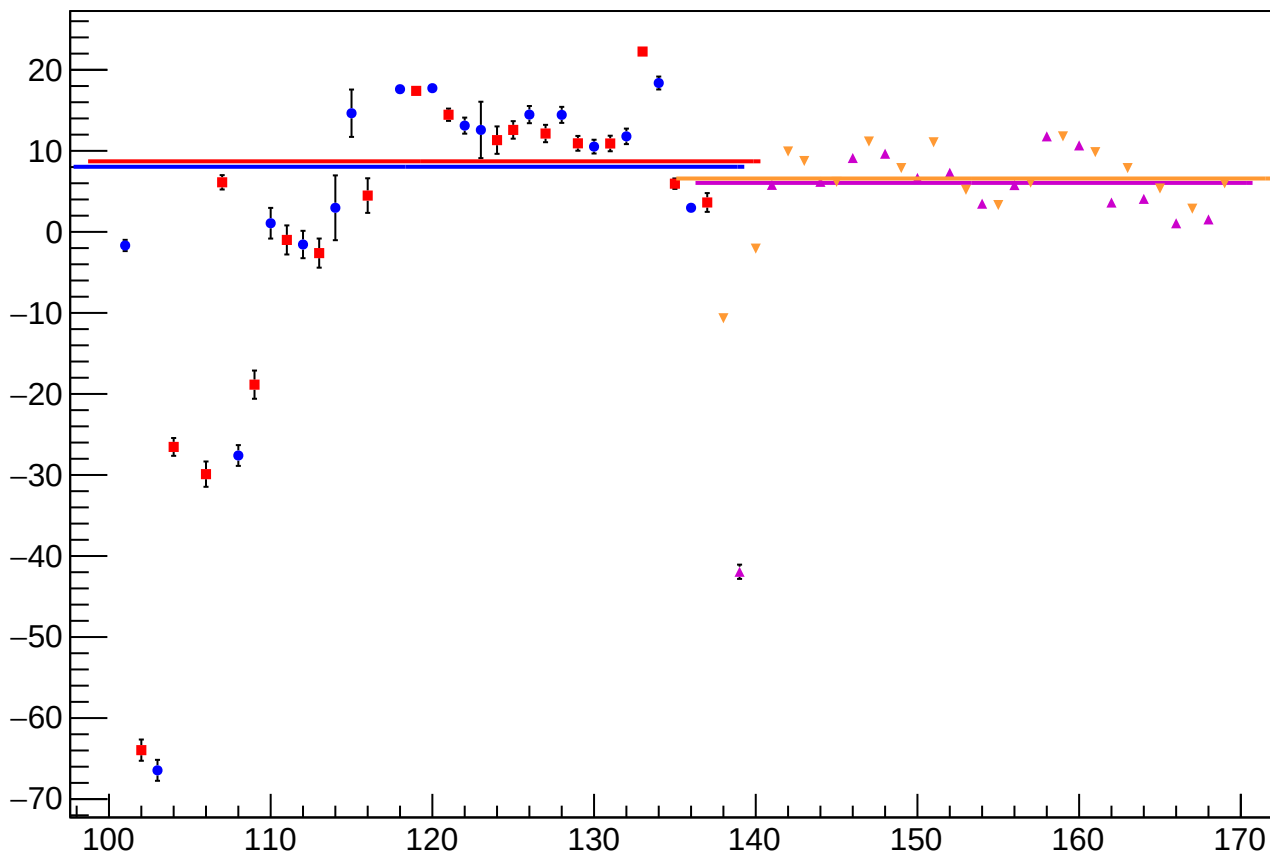
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.918+/-0.132 χ^2/NDF :2951.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.817+/-0.137 χ^2/NDF :3466.7/14

Left: 7.869+/-0.095 χ^2/NDF : 6418.1/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.817+/-0.137 χ^2/NDF :3466.7/14
 Out: 7.918+/-0.132 χ^2/NDF :2951.2/16
 All: 7.869+/-0.095 χ^2/NDF : 6418.1/31

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: 6.589 ± 0.095 χ^2/NDF : 2350.8/16

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.045 ± 0.100 χ^2/NDF : 3913.5/14

Left: 6.332 ± 0.069 χ^2/NDF : 6279.7/31

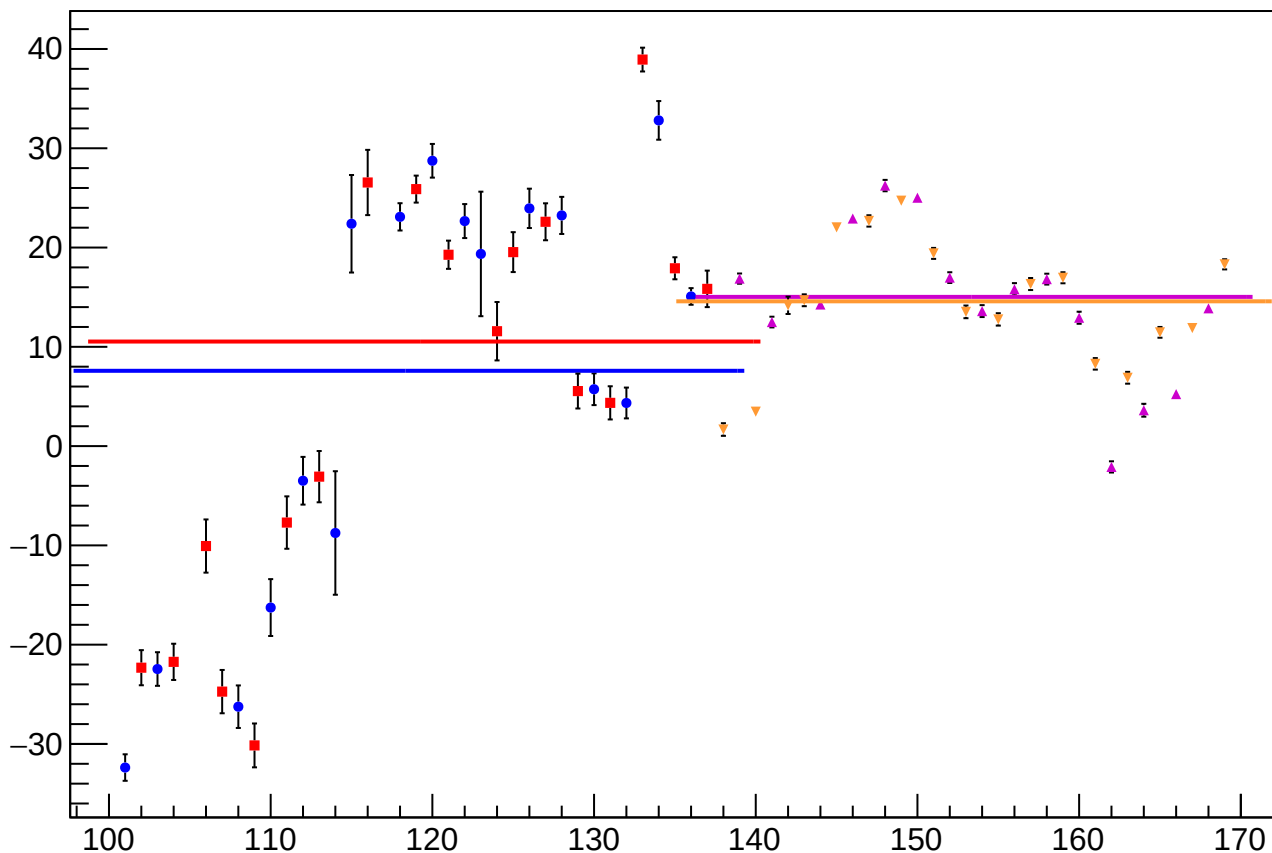
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.401 ± 0.091 χ^2/NDF : 9353.9/31

Out: 6.940 ± 0.087 χ^2/NDF : 8723.4/34

All: 6.683 ± 0.063 χ^2/NDF : 18095.8/66

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: 14.584 ± 0.131 χ^2/NDF : 2578.1/16

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 15.031 ± 0.135 χ^2/NDF : 3044.2/14

Left: 14.802 ± 0.094 χ^2/NDF : 5627.9/31

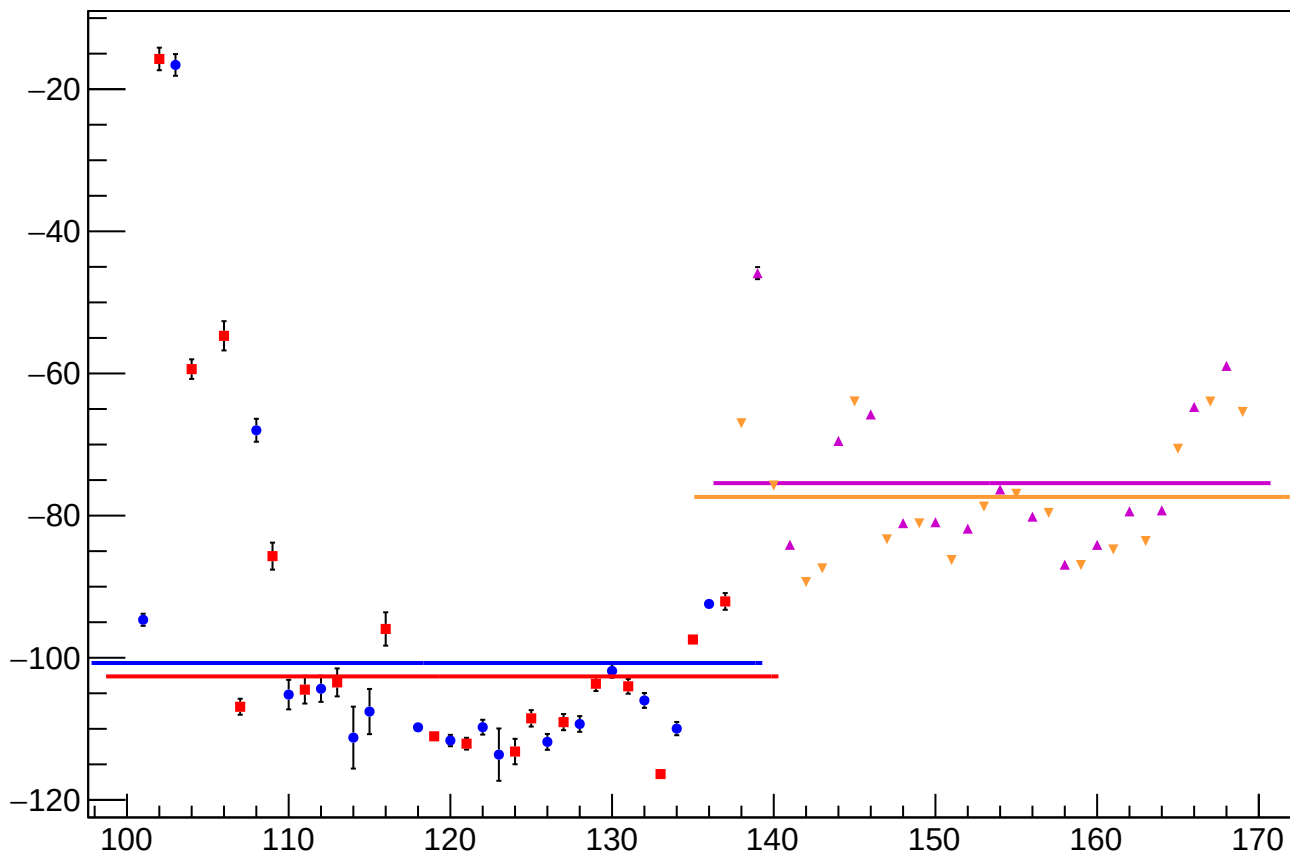
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 14.324 ± 0.128 χ^2/NDF : 5656.5/31

Out: 14.219 ± 0.125 χ^2/NDF : 4943.2/34

All: 14.270 ± 0.090 χ^2/NDF : 10600.1/66

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -77.369 ± 0.111 $\chi^2/\text{NDF}: 6220.6/16$

Right Out: -102.625 ± 0.246 $\chi^2/\text{NDF}: 5716.3/17$

Left In: -75.430 ± 0.117 $\chi^2/\text{NDF}: 6280.2/14$

Left: -76.452 ± 0.080 $\chi^2/\text{NDF}: 12646.3/31$

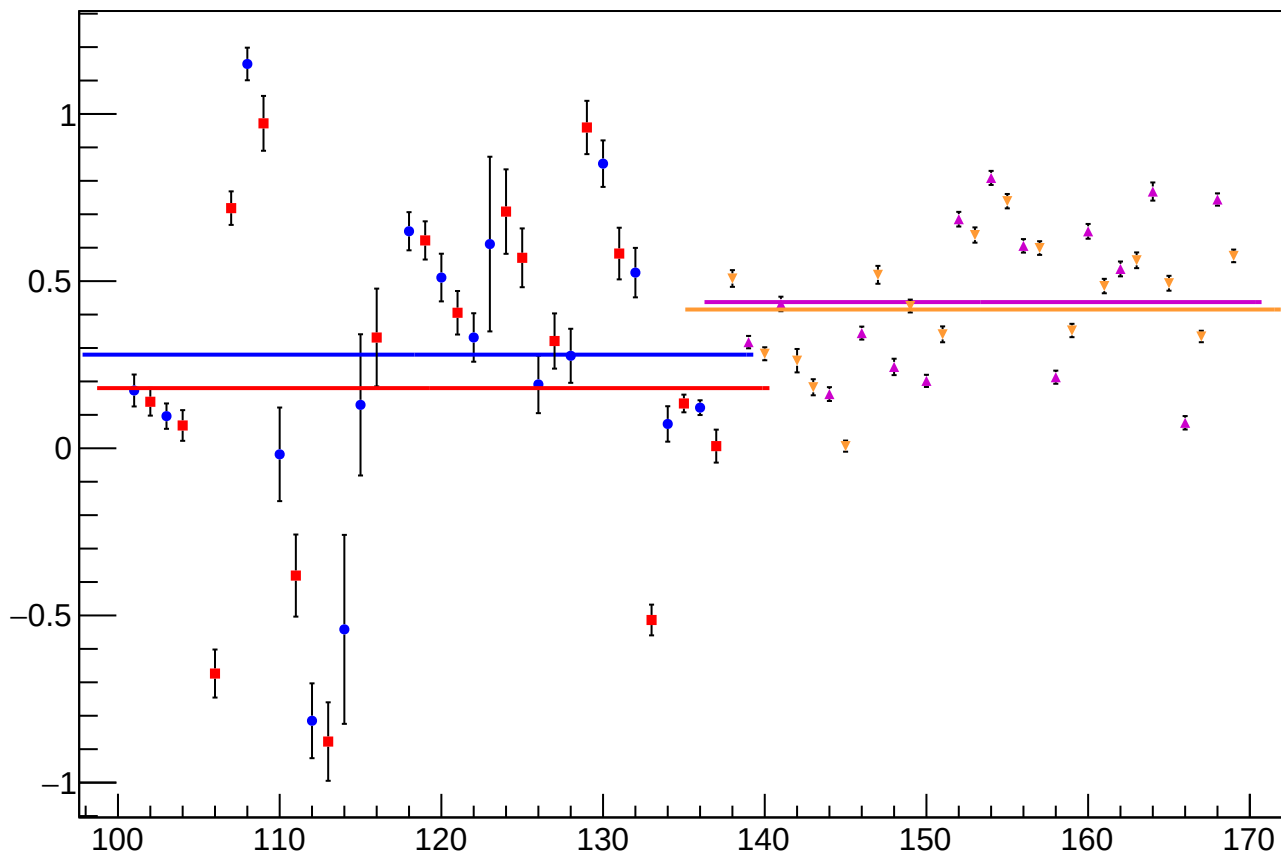
Right: -101.689 ± 0.175 $\chi^2/\text{NDF}: 10266.1/34$

In: -80.008 ± 0.106 $\chi^2/\text{NDF}: 19308.2/31$

Out: -81.607 ± 0.101 $\chi^2/\text{NDF}: 20700.8/34$

All: -80.845 ± 0.073 $\chi^2/\text{NDF}: 40129.0/66$

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: 0.415 ± 0.005 χ^2/NDF : 1367.0/16

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.437 ± 0.005 χ^2/NDF : 1970.0/14

Left: 0.426 ± 0.004 χ^2/NDF : 3346.0/31

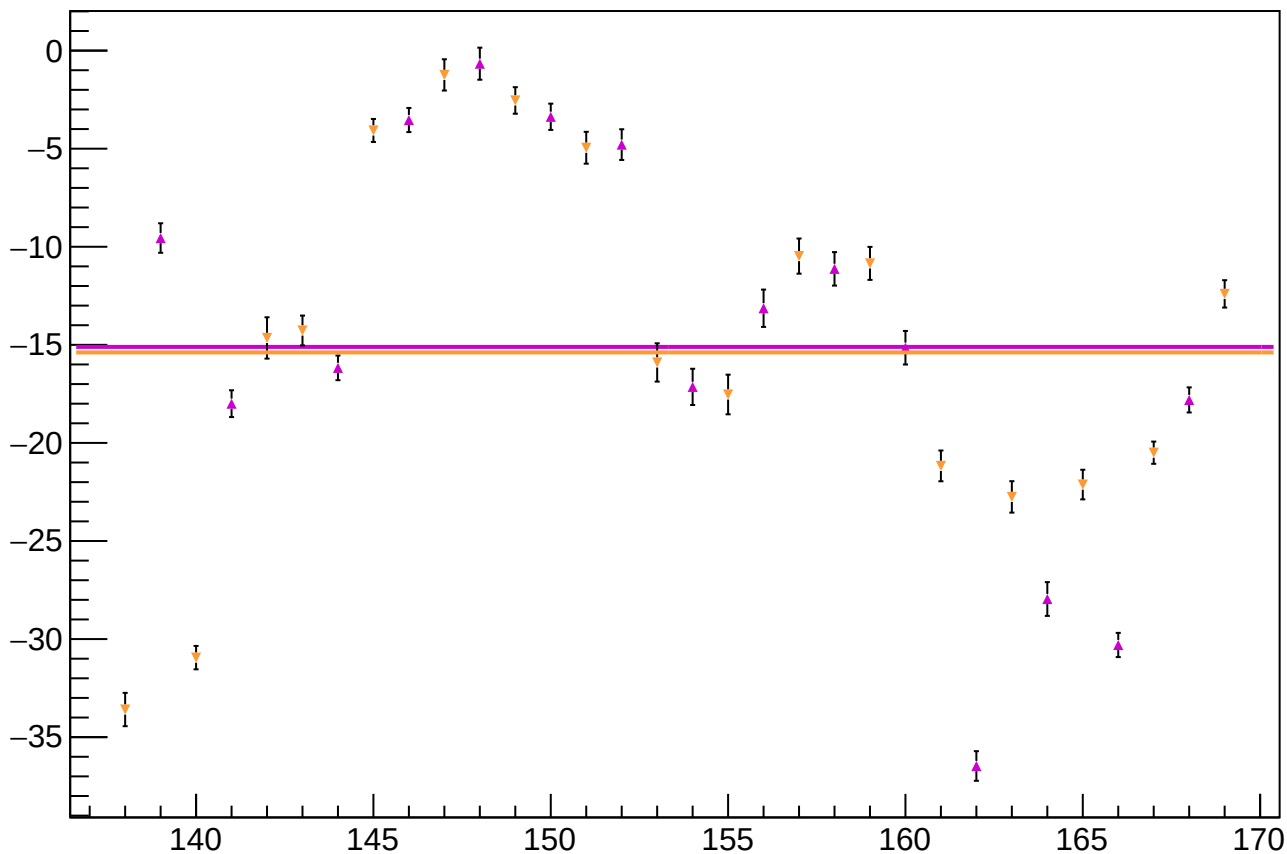
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.416 ± 0.005 χ^2/NDF : 2744.0/31

Out: 0.385 ± 0.005 χ^2/NDF : 2569.1/34

All: 0.400 ± 0.003 χ^2/NDF : 5333.1/66

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: -15.388+/-0.183 χ^2/NDF : 2737.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.105+/-0.190 χ^2/NDF : 2898.6/14

Left: -15.252+/-0.132 χ^2/NDF : 5637.4/31

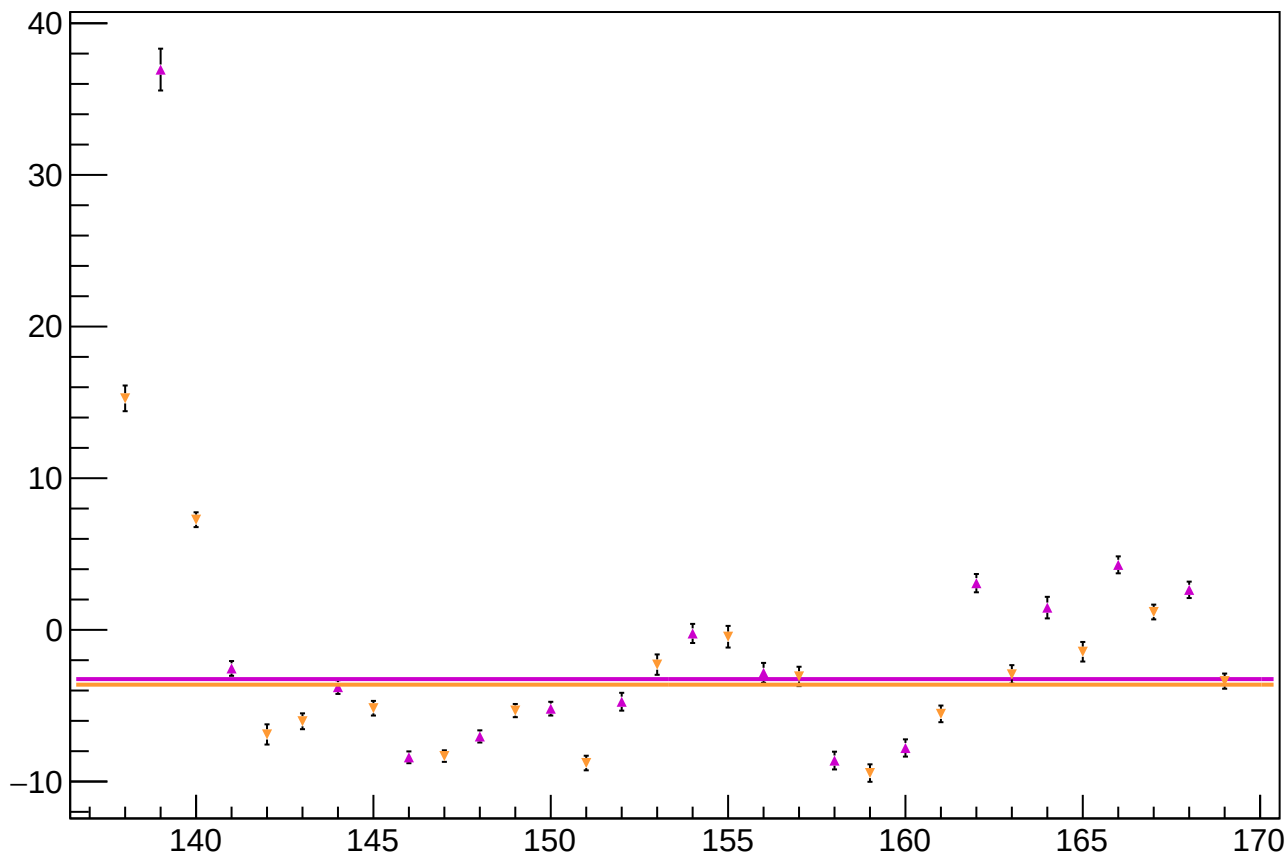
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.105+/-0.190 χ^2/NDF : 2898.6/14

Out: -15.388+/-0.183 χ^2/NDF : 2737.7/16

All: -15.252+/-0.132 χ^2/NDF : 5637.4/31

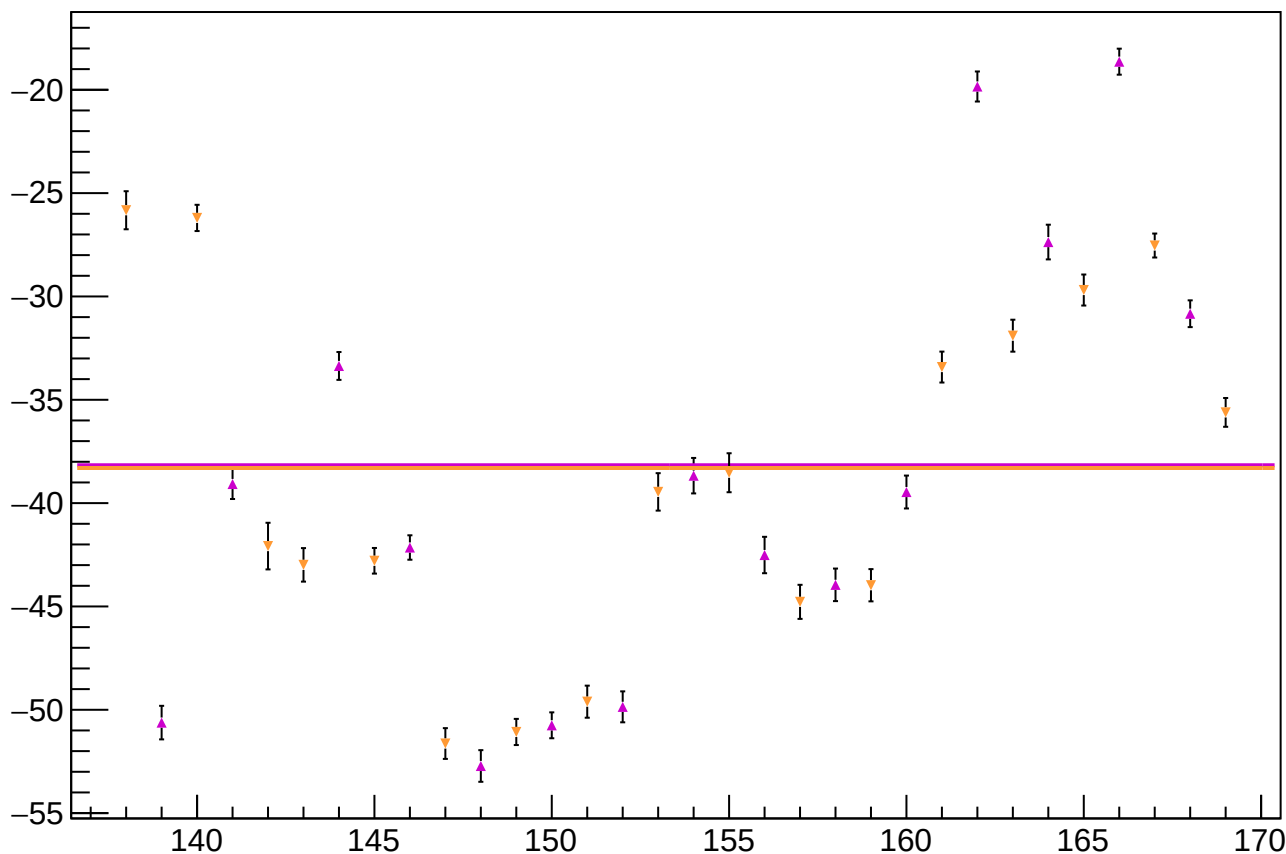
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.614 $\pm$ 0.131 χ^2 /NDF:1579.0/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.246 $\pm$ 0.138 χ^2 /NDF:1766.7/14

Left: -3.440 $\pm$ 0.095 χ^2 /NDF: 3349.4/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.246 $\pm$ 0.138 χ^2 /NDF:1766.7/14
 Out: -3.614 $\pm$ 0.131 χ^2 /NDF:1579.0/16
 All: -3.440 $\pm$ 0.095 χ^2 /NDF: 3349.4/31

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: -38.300+/-0.182 χ^2/NDF :2302.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.168+/-0.187 χ^2/NDF :3314.0/14

Left: -38.236+/-0.130 χ^2/NDF : 5616.8/31

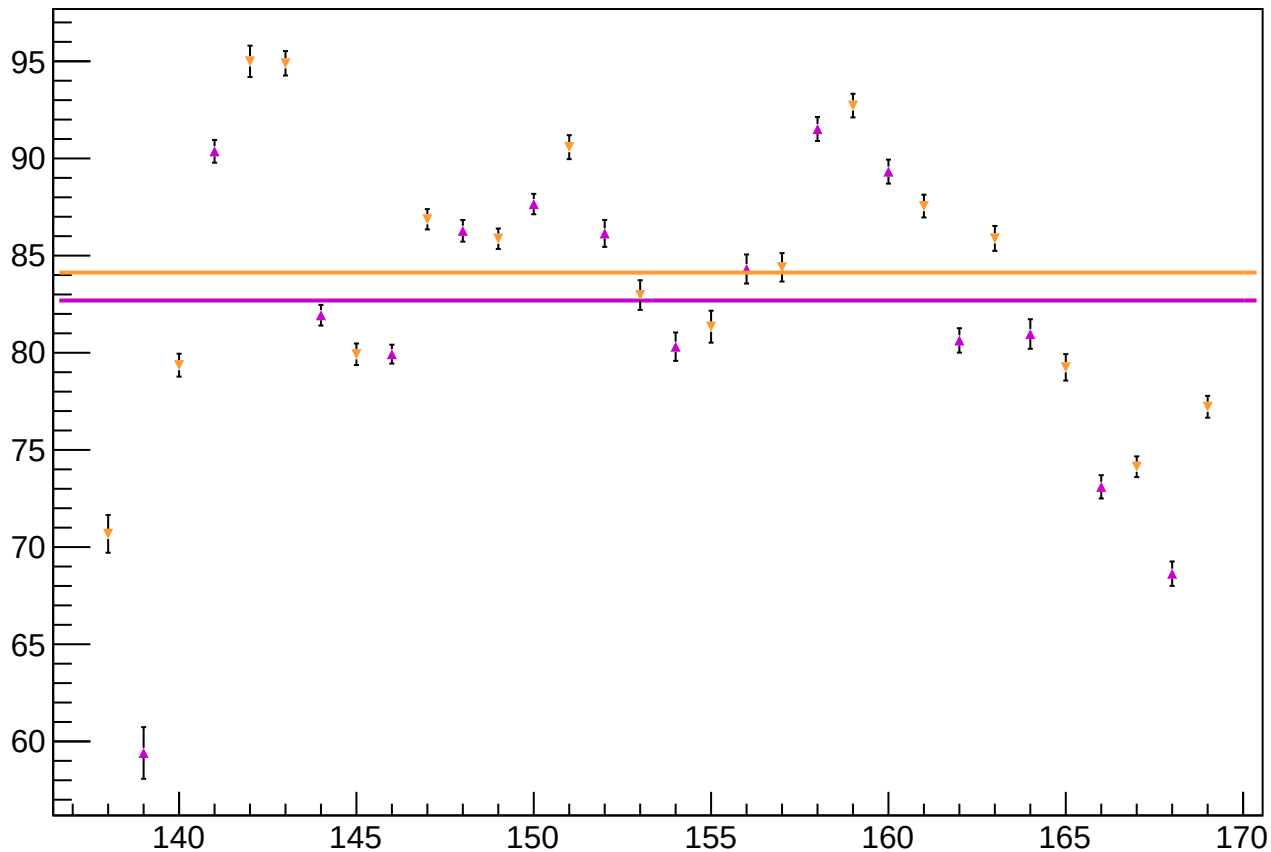
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.168+/-0.187 χ^2/NDF :3314.0/14

Out: -38.300+/-0.182 χ^2/NDF :2302.6/16

All: -38.236+/-0.130 χ^2/NDF : 5616.8/31

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 84.127+/-0.152 χ^2/NDF :1750.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 82.689+/-0.161 χ^2/NDF :1774.8/14

Left: 83.448+/-0.111 χ^2/NDF : 3567.1/31

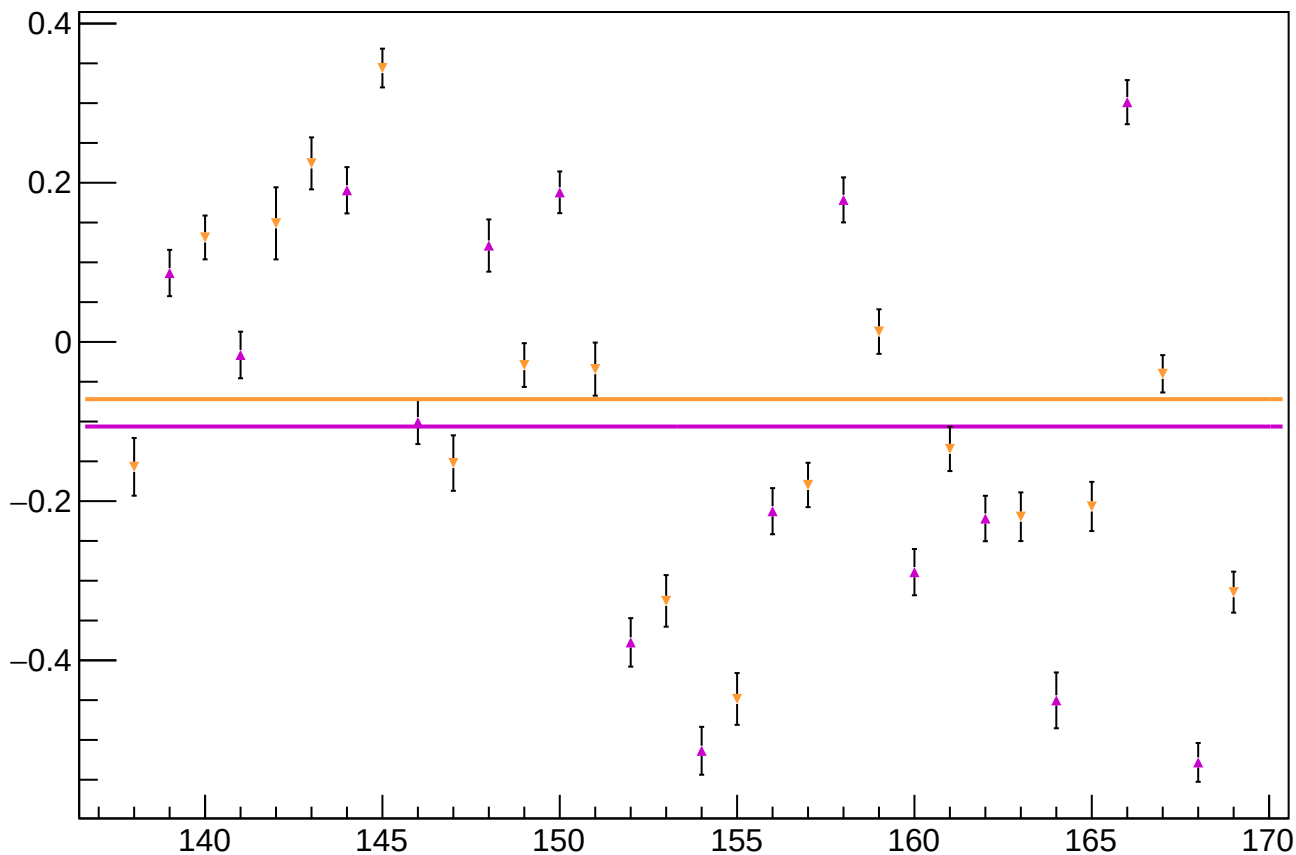
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.689+/-0.161 χ^2/NDF :1774.8/14

Out: 84.127+/-0.152 χ^2/NDF :1750.1/16

All: 83.448+/-0.111 χ^2/NDF : 3567.1/31

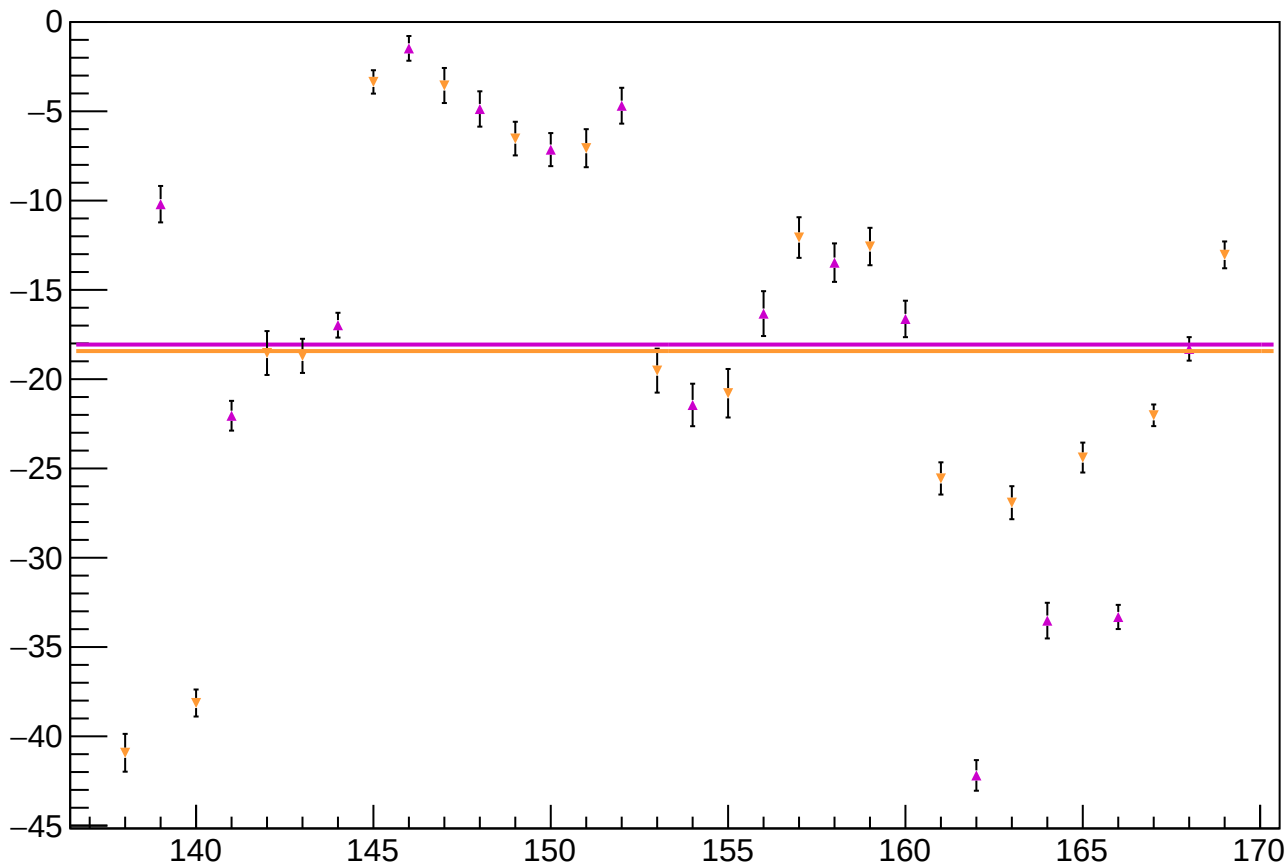
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.072+/-0.007 χ^2/NDF :824.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.106+/-0.007 χ^2/NDF :1377.2/14

Left: -0.088+/-0.005 χ^2/NDF : 2212.8/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.106+/-0.007 χ^2/NDF :1377.2/14
 Out: -0.072+/-0.007 χ^2/NDF :824.5/16
 All: -0.088+/-0.005 χ^2/NDF : 2212.8/31

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: -18.427+/-0.218 χ^2/NDF :2512.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.062+/-0.225 χ^2/NDF :2722.9/14

Left: -18.250+/-0.157 χ^2/NDF : 5237.0/31

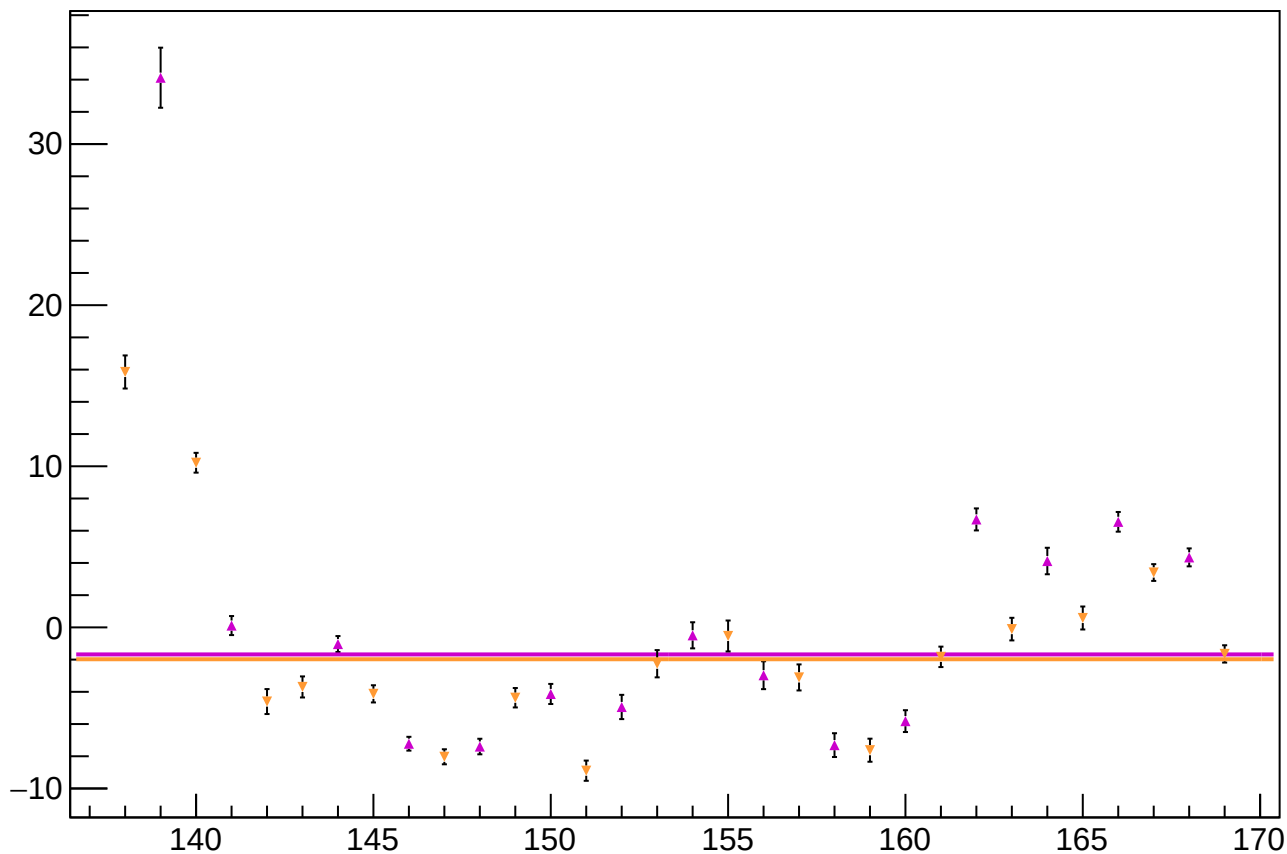
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.062+/-0.225 χ^2/NDF :2722.9/14

Out: -18.427+/-0.218 χ^2/NDF :2512.7/16

All: -18.250+/-0.157 χ^2/NDF : 5237.0/31

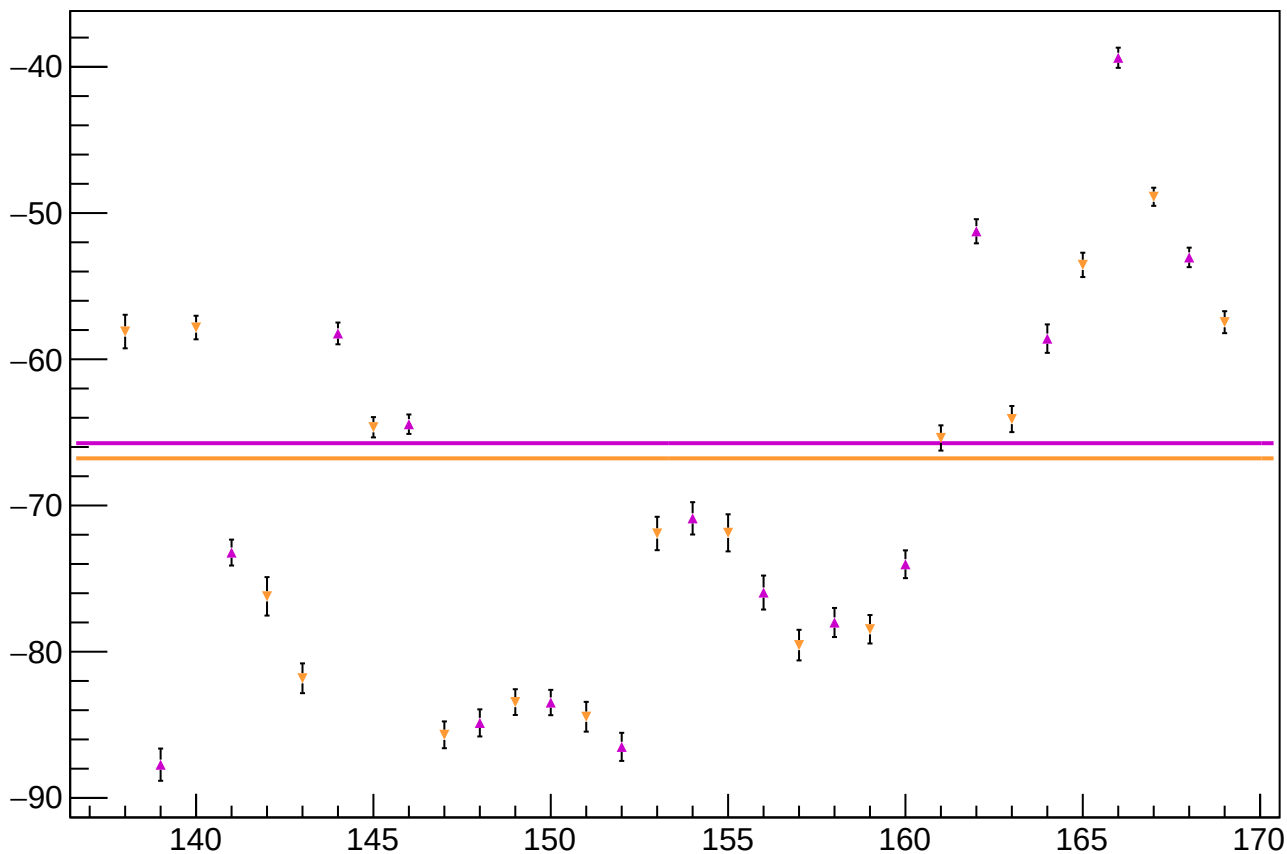
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.978+/-0.157 χ^2/NDF :1229.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.678+/-0.163 χ^2/NDF :1318.8/14

Left: -1.834+/-0.113 χ^2/NDF : 2550.3/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.678+/-0.163 χ^2/NDF :1318.8/14
 Out: -1.978+/-0.157 χ^2/NDF :1229.8/16
 All: -1.834+/-0.113 χ^2/NDF : 2550.3/31

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -66.775+/-0.218 χ^2/NDF :3123.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -65.739+/-0.222 χ^2/NDF :4400.9/14

Left: -66.267+/-0.155 χ^2/NDF : 7535.7/31

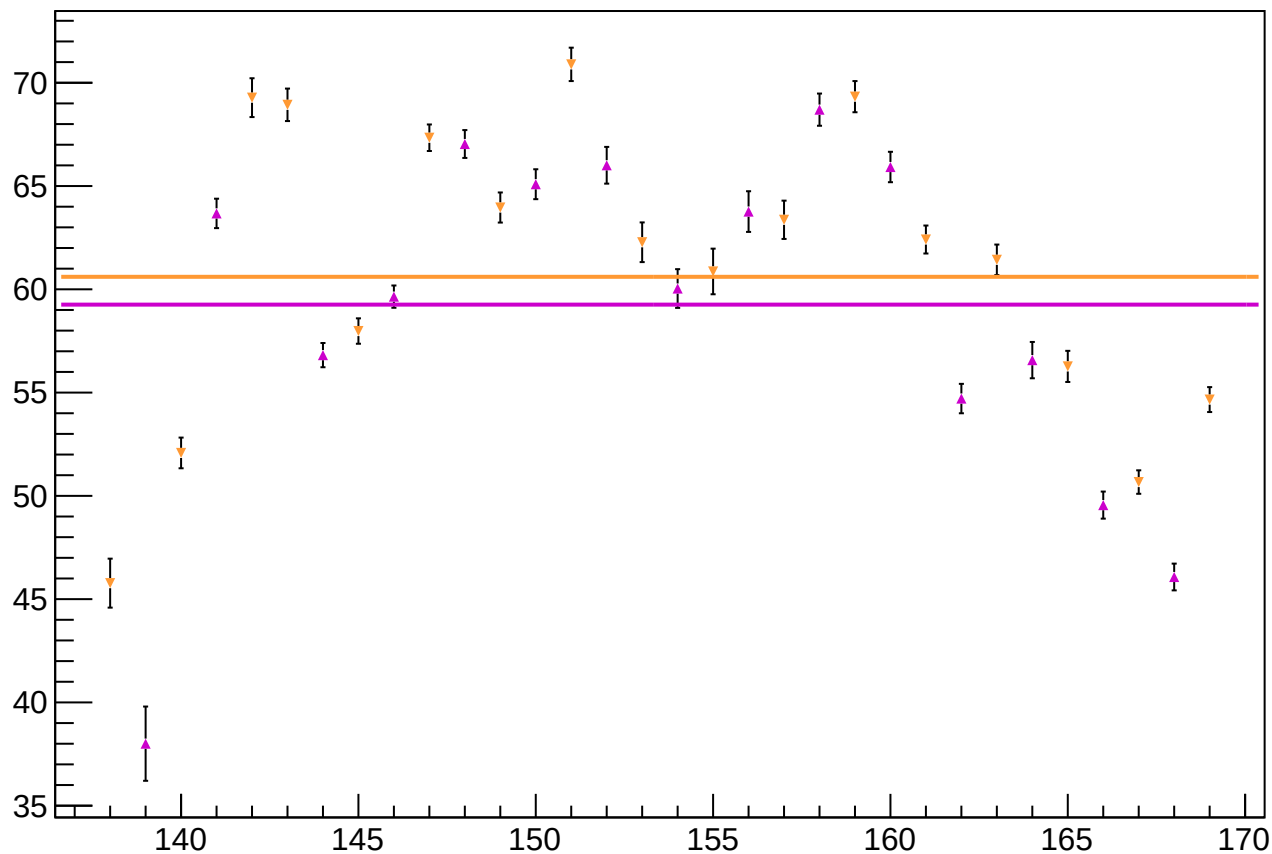
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.739+/-0.222 χ^2/NDF :4400.9/14

Out: -66.775+/-0.218 χ^2/NDF :3123.7/16

All: -66.267+/-0.155 χ^2/NDF : 7535.7/31

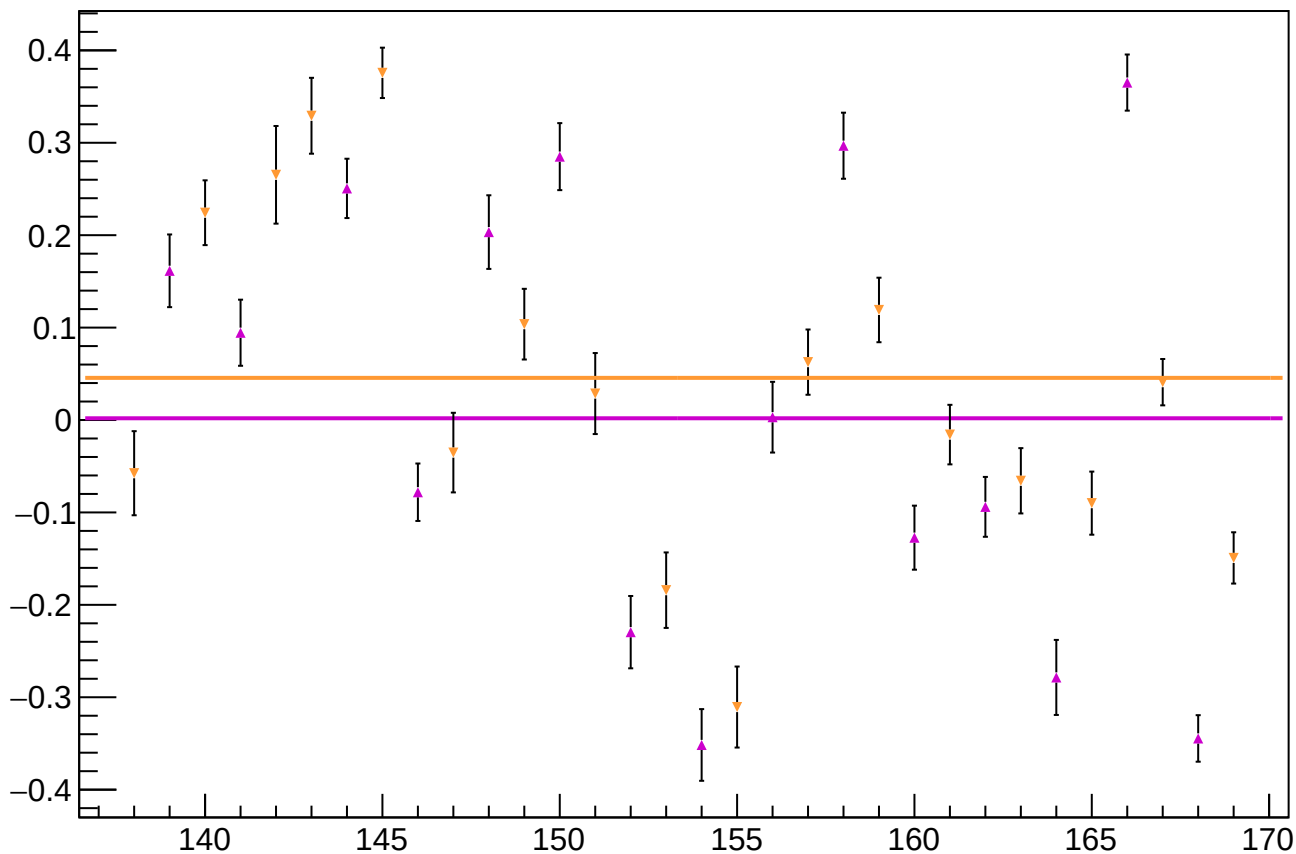
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 60.606 $\pm$ 0.182 χ^2 /NDF:1386.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 59.259 $\pm$ 0.190 χ^2 /NDF:1385.7/14

Left: 59.962 $\pm$ 0.132 χ^2 /NDF: 2798.3/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 59.259 $\pm$ 0.190 χ^2 /NDF:1385.7/14
 Out: 60.606 $\pm$ 0.182 χ^2 /NDF:1386.4/16
 All: 59.962 $\pm$ 0.132 χ^2 /NDF: 2798.3/31

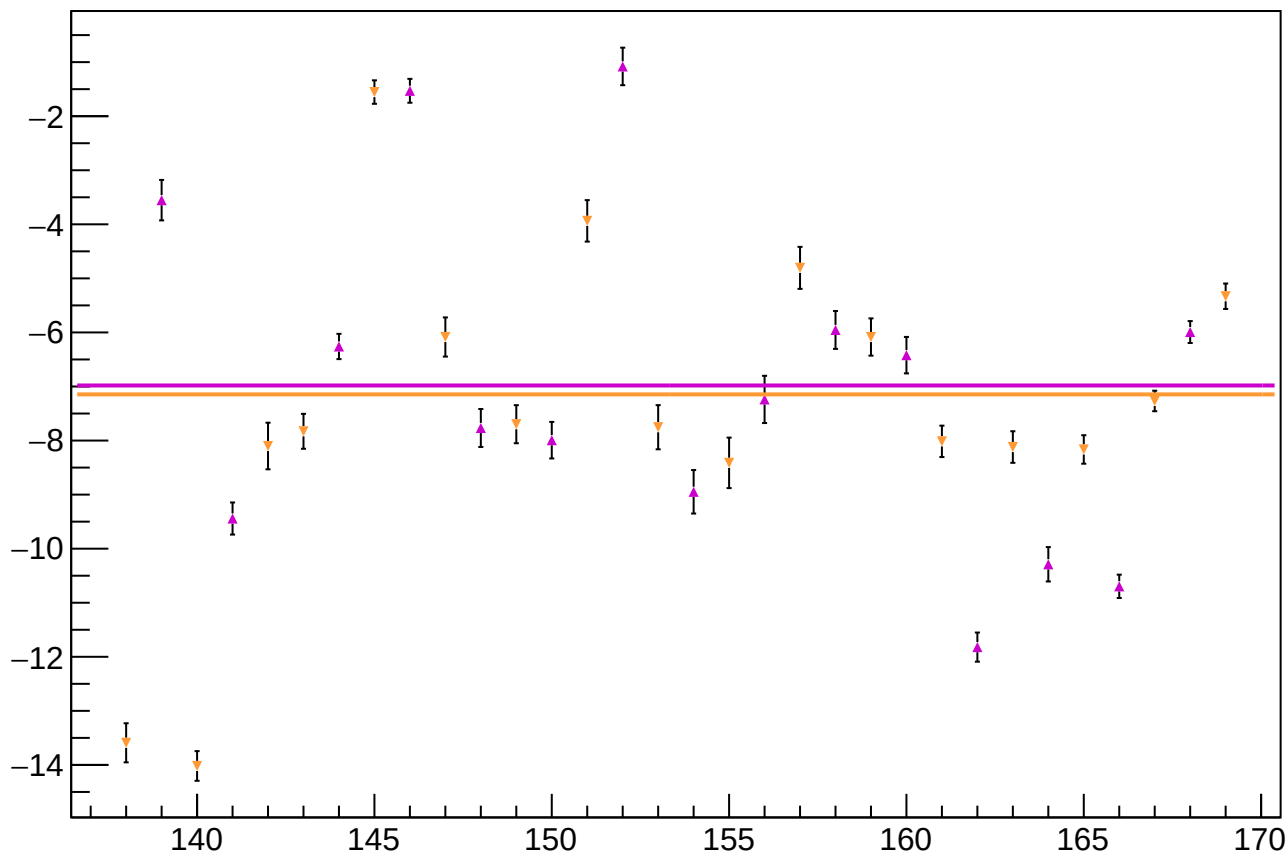
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.046 $\pm$ 0.009 χ^2 /NDF:429.8/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.002 $\pm$ 0.009 χ^2 /NDF:765.3/14

Left: 0.025 $\pm$ 0.006 χ^2 /NDF: 1207.7/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.002 $\pm$ 0.009 χ^2 /NDF:765.3/14
 Out: 0.046 $\pm$ 0.009 χ^2 /NDF:429.8/16
 All: 0.025 $\pm$ 0.006 χ^2 /NDF: 1207.7/31

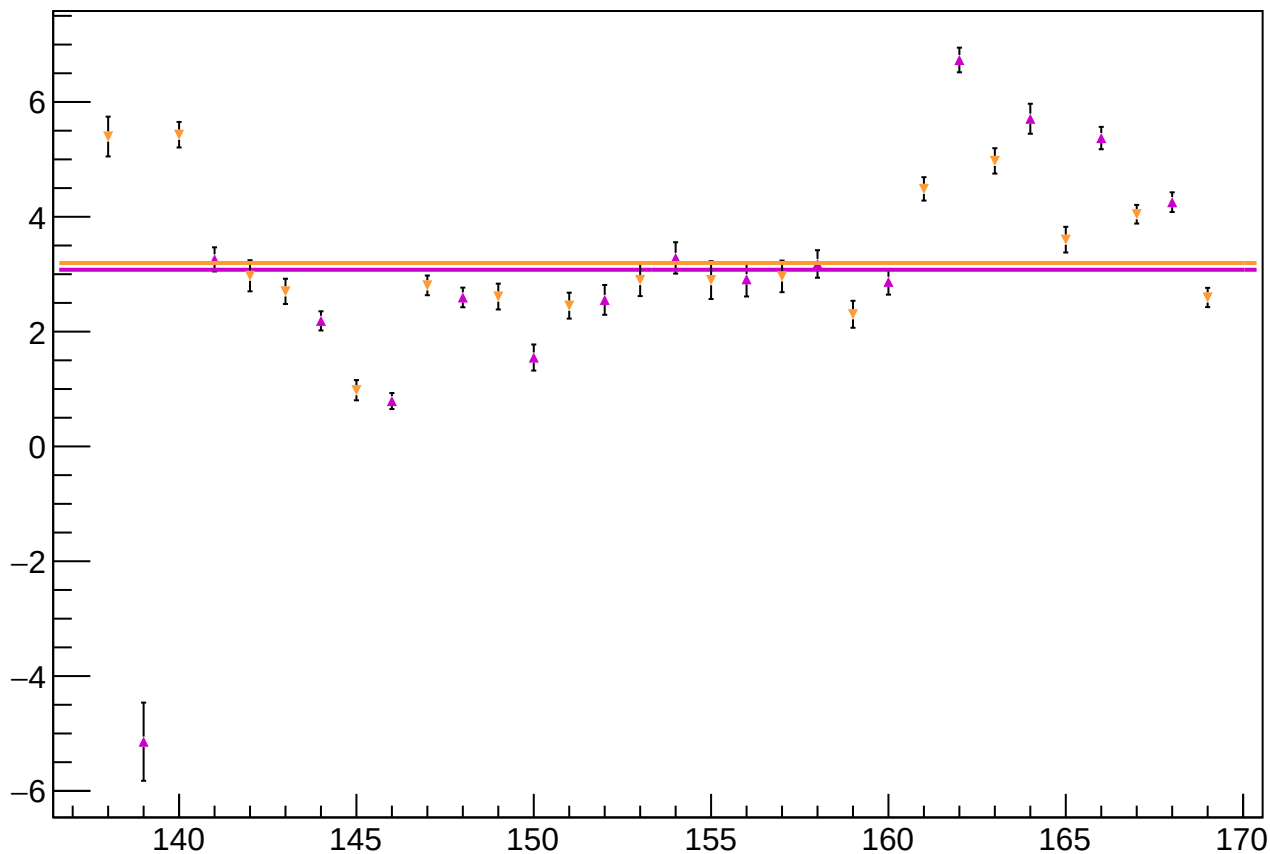
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.146+/-0.073 χ^2/NDF :1849.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.981+/-0.074 χ^2/NDF :1860.8/14

Left: -7.066+/-0.052 χ^2/NDF : 3712.4/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.981+/-0.074 χ^2/NDF :1860.8/14
 Out: -7.146+/-0.073 χ^2/NDF :1849.1/16
 All: -7.066+/-0.052 χ^2/NDF : 3712.4/31

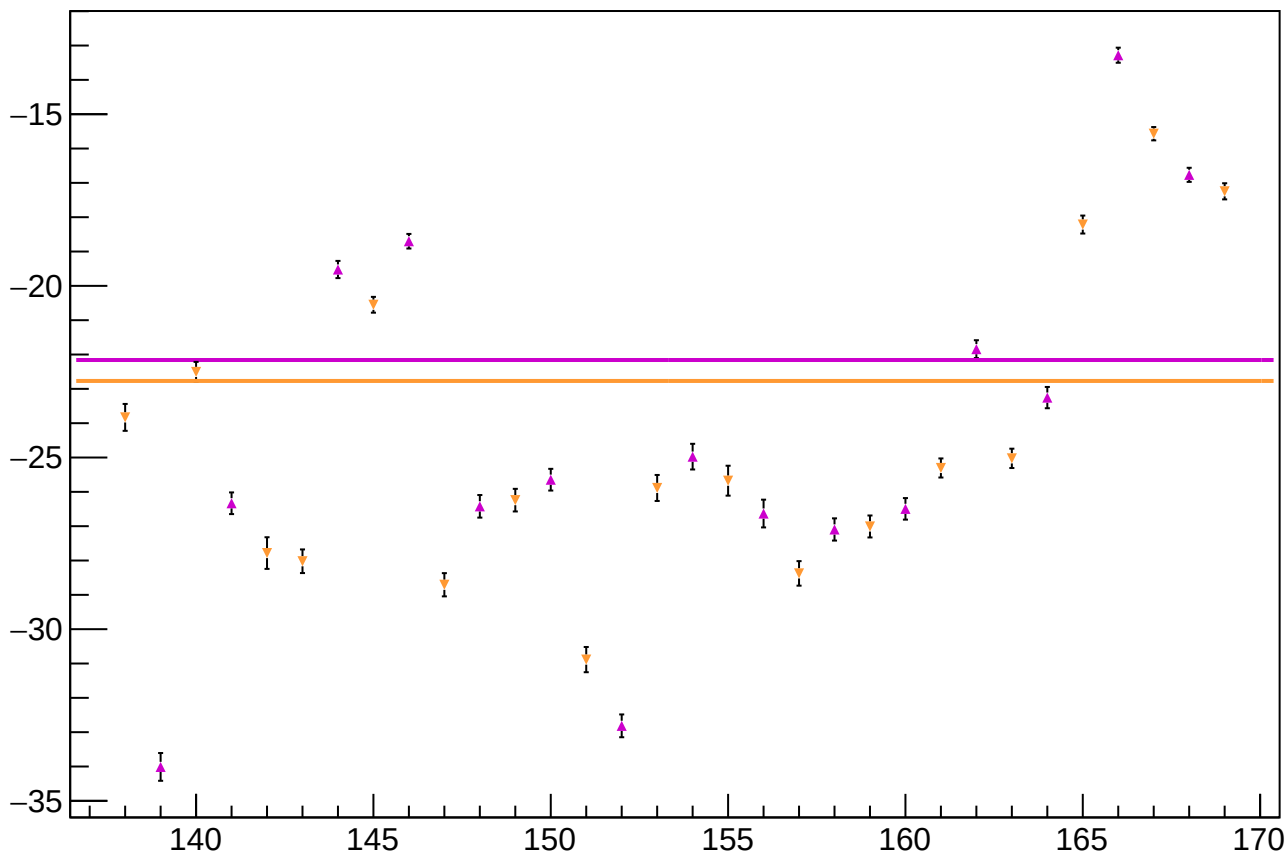
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.196 $\pm$ 0.053 χ^2 /NDF:493.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.078 $\pm$ 0.054 χ^2 /NDF:1079.9/14

Left: 3.138 $\pm$ 0.038 χ^2 /NDF: 1575.5/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.078 $\pm$ 0.054 χ^2 /NDF:1079.9/14
 Out: 3.196 $\pm$ 0.053 χ^2 /NDF:493.1/16
 All: 3.138 $\pm$ 0.038 χ^2 /NDF: 1575.5/31

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: -22.770+/-0.073 χ^2/NDF :4270.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.159+/-0.073 χ^2/NDF :5666.9/14

Left: -22.469+/-0.052 χ^2/NDF : 9972.1/31

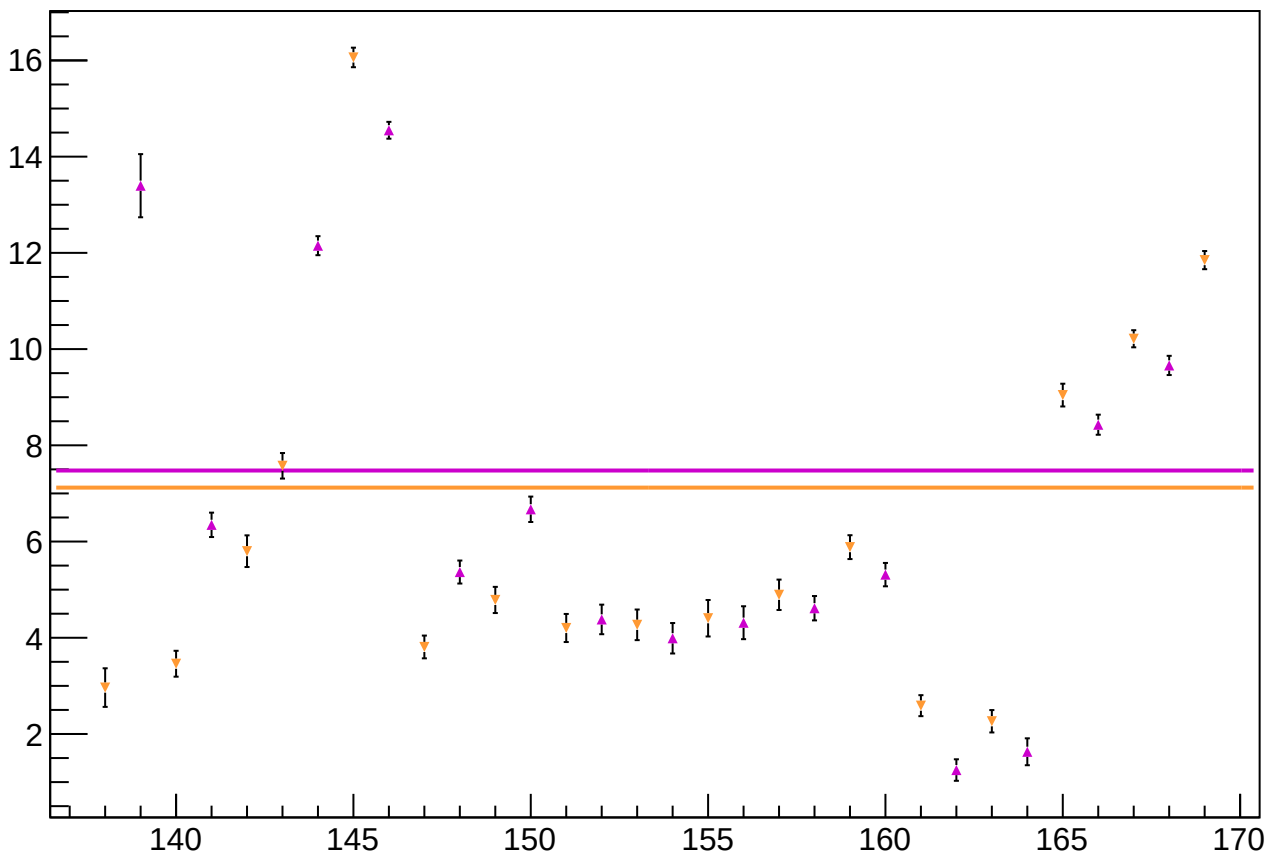
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.159+/-0.073 χ^2/NDF :5666.9/14

Out: -22.770+/-0.073 χ^2/NDF :4270.3/16

All: -22.469+/-0.052 χ^2/NDF : 9972.1/31

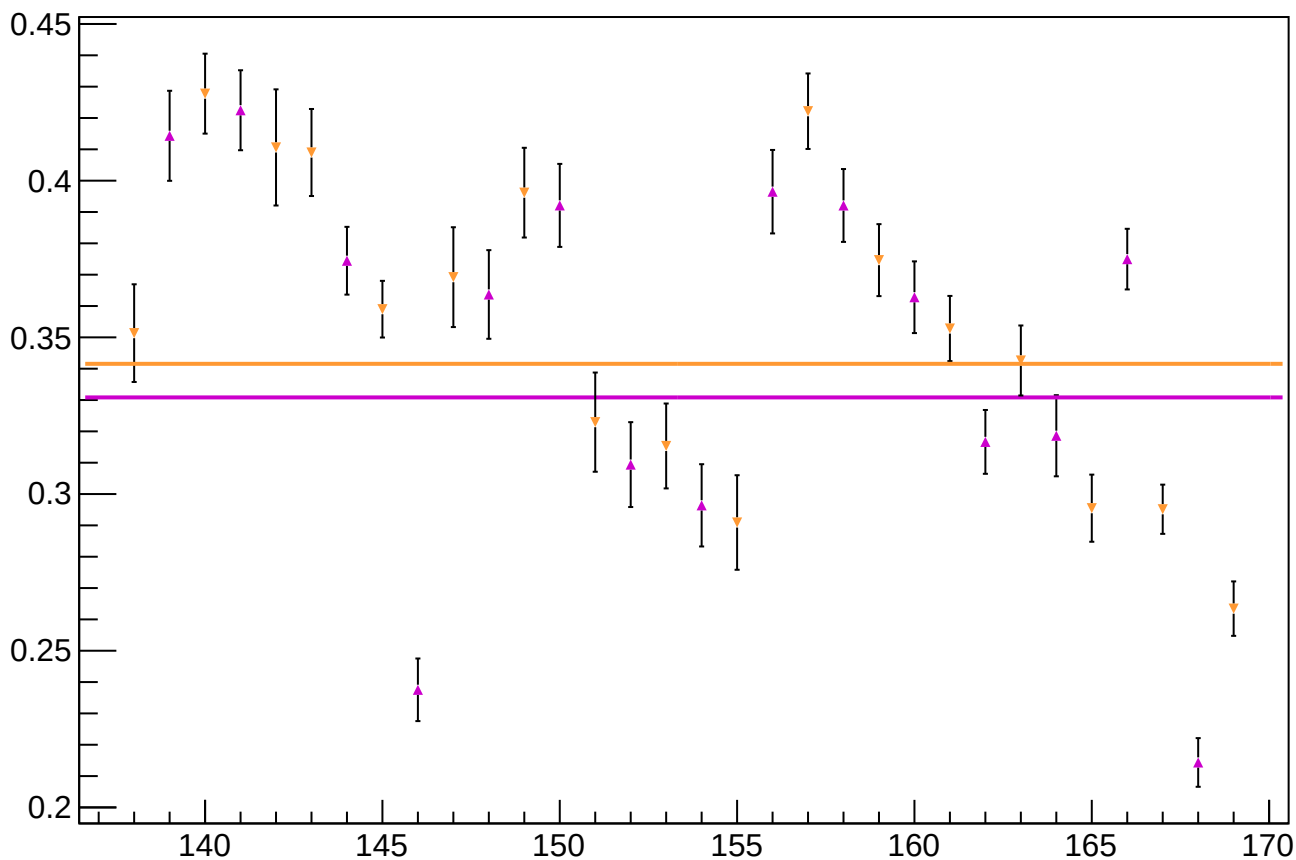
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.121+/-0.061 χ^2/NDF : 4687.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.476+/-0.063 χ^2/NDF : 4250.8/14

Left: 7.292+/-0.044 χ^2/NDF : 8954.9/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.476+/-0.063 χ^2/NDF : 4250.8/14
 Out: 7.121+/-0.061 χ^2/NDF : 4687.6/16
 All: 7.292+/-0.044 χ^2/NDF : 8954.9/31

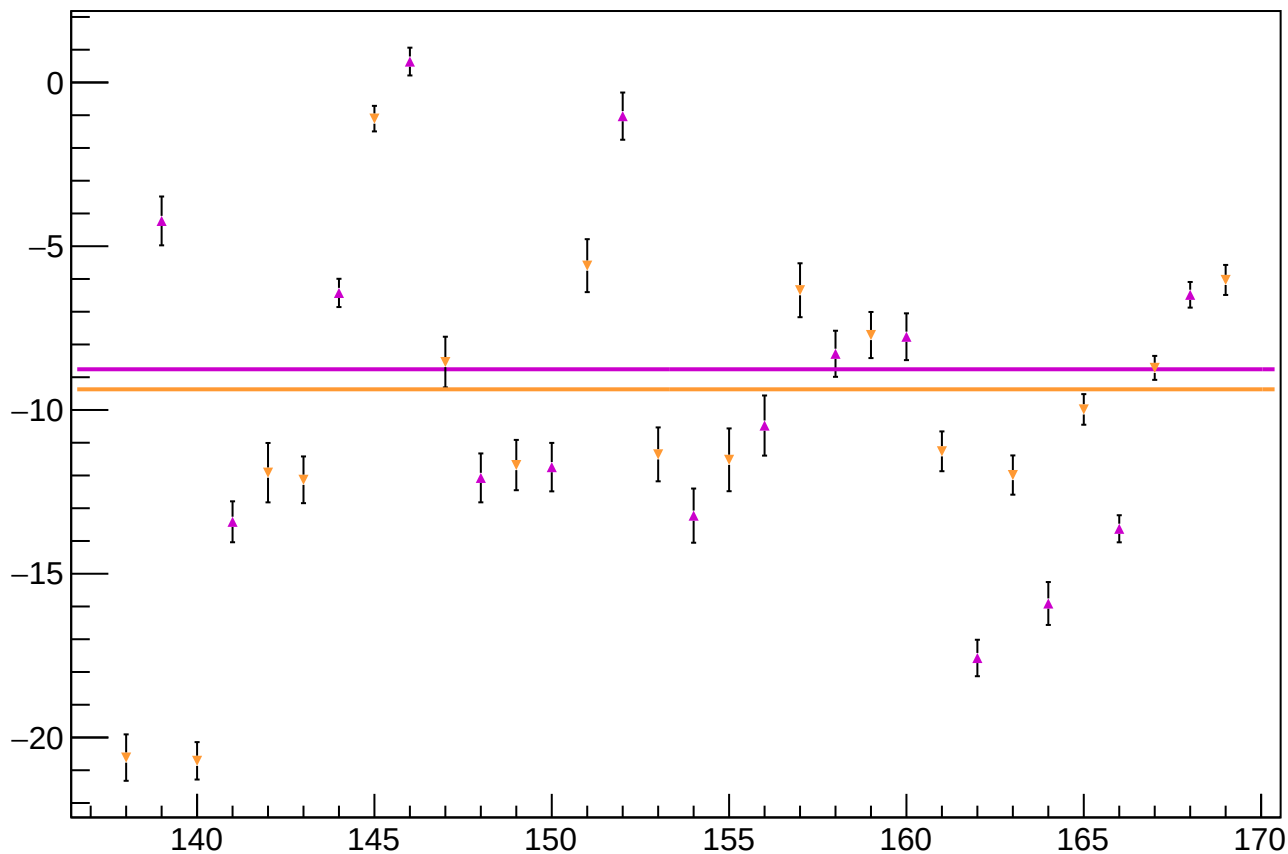
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.342+/-0.003 χ^2/NDF :309.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.331+/-0.003 χ^2/NDF :533.4/14

Left: 0.336+/-0.002 χ^2/NDF : 850.0/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.331+/-0.003 χ^2/NDF :533.4/14
 Out: 0.342+/-0.003 χ^2/NDF :309.8/16
 All: 0.336+/-0.002 χ^2/NDF : 850.0/31

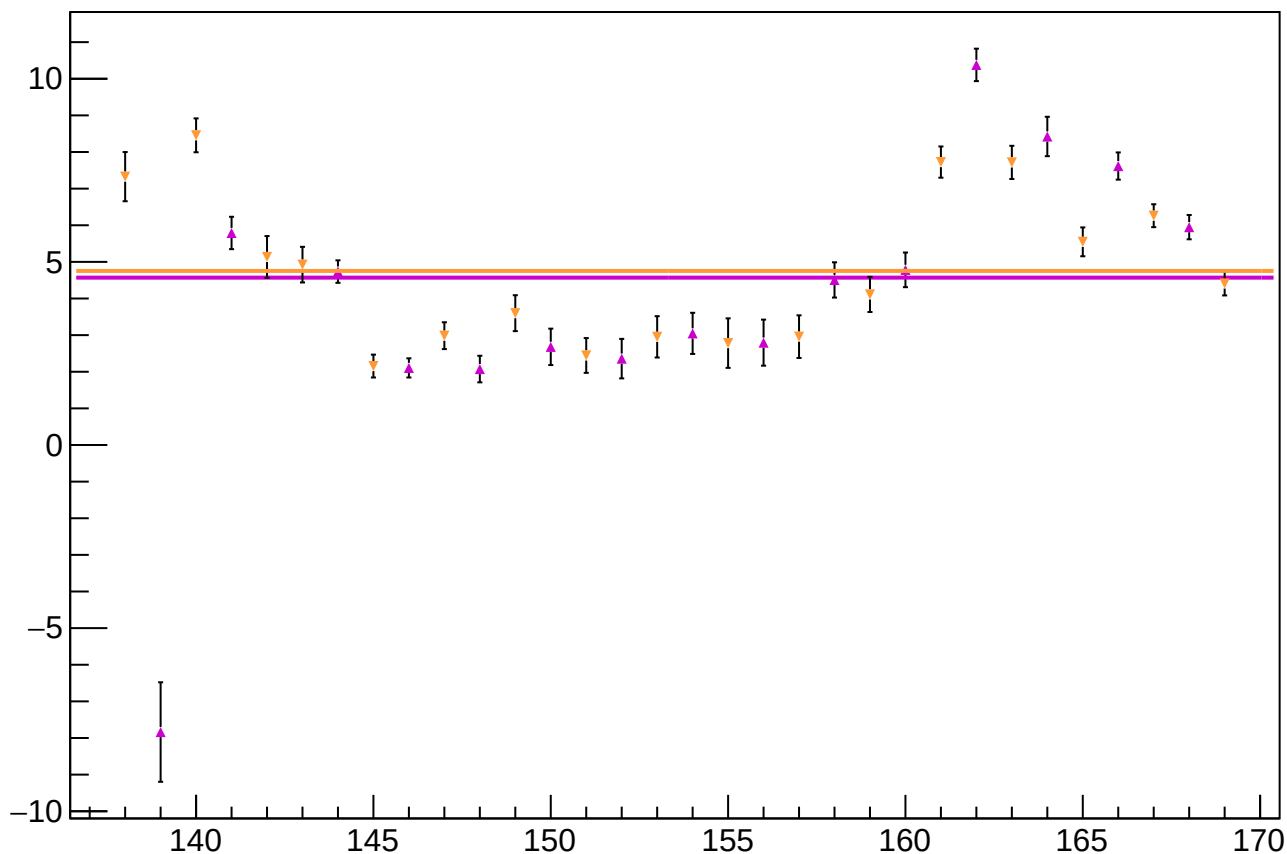
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.369 $\pm$ 0.144 χ^2 /NDF:1266.4/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.757 $\pm$ 0.148 χ^2 /NDF:1340.6/14

Left: -9.072 $\pm$ 0.103 χ^2 /NDF: 2615.8/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.757 $\pm$ 0.148 χ^2 /NDF:1340.6/14
 Out: -9.369 $\pm$ 0.144 χ^2 /NDF:1266.4/16
 All: -9.072 $\pm$ 0.103 χ^2 /NDF: 2615.8/31

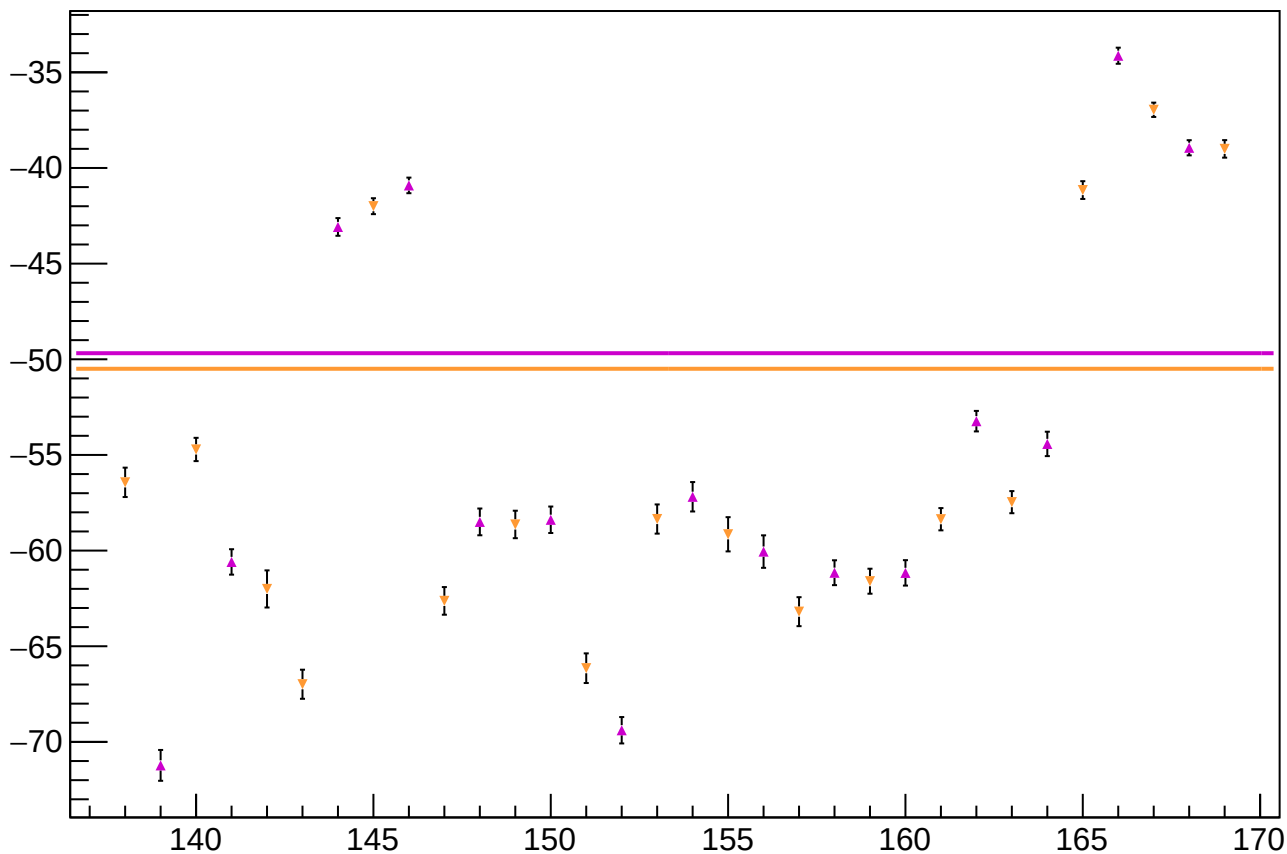
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.753+/-0.106 χ^2/NDF :350.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.570+/-0.108 χ^2/NDF :581.5/14

Left: 4.664+/-0.076 χ^2/NDF : 933.8/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.570+/-0.108 χ^2/NDF :581.5/14
 Out: 4.753+/-0.106 χ^2/NDF :350.9/16
 All: 4.664+/-0.076 χ^2/NDF : 933.8/31

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.496+/-0.144 χ^2/NDF : 5394.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -49.682+/-0.147 χ^2/NDF : 5838.3/14

Left: -50.096+/-0.103 χ^2/NDF : 11248.3/31

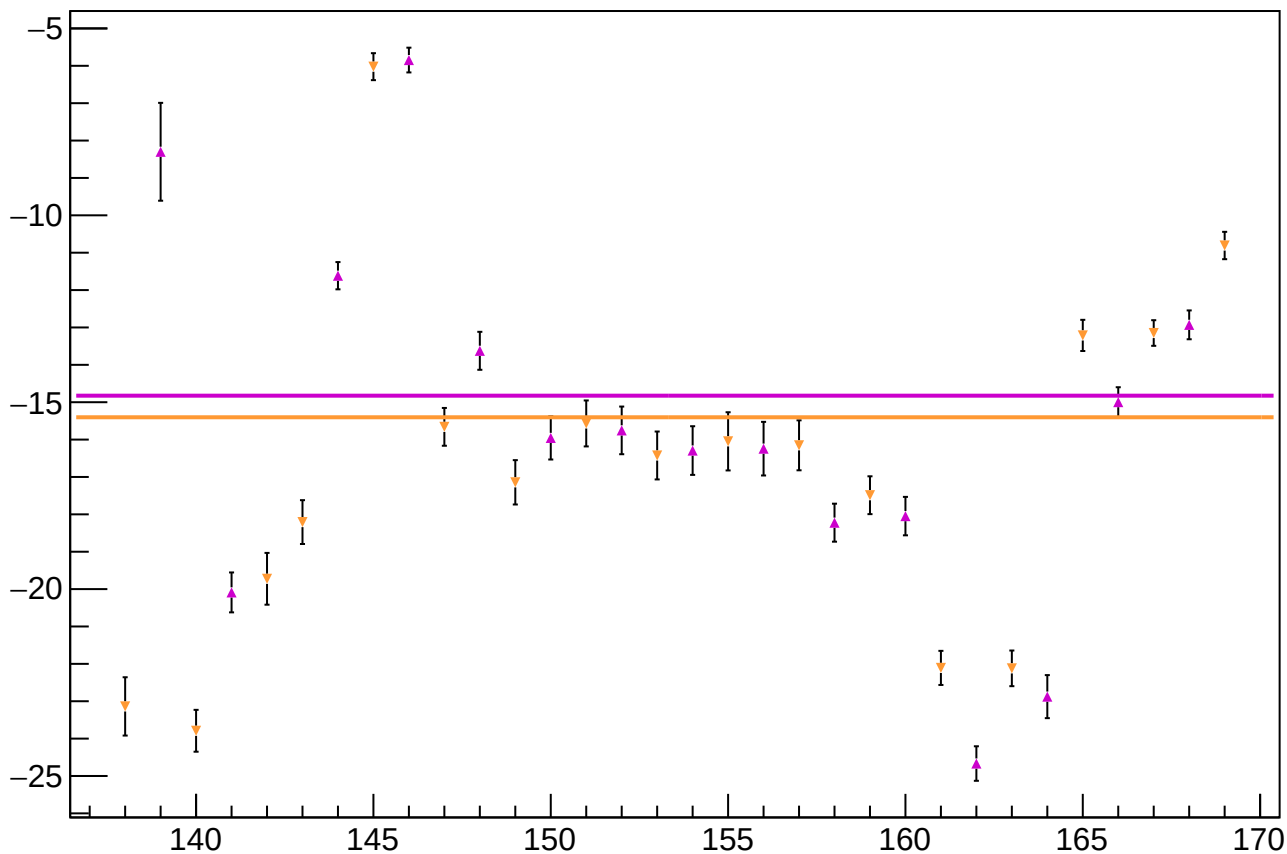
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.682+/-0.147 χ^2/NDF : 5838.3/14

Out: -50.496+/-0.144 χ^2/NDF : 5394.5/16

All: -50.096+/-0.103 χ^2/NDF : 11248.3/31

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.403+/-0.121 χ^2/NDF :1733.7/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.825+/-0.126 χ^2/NDF :1713.2/14

Left: -15.126+/-0.087 χ^2/NDF : 3457.8/31

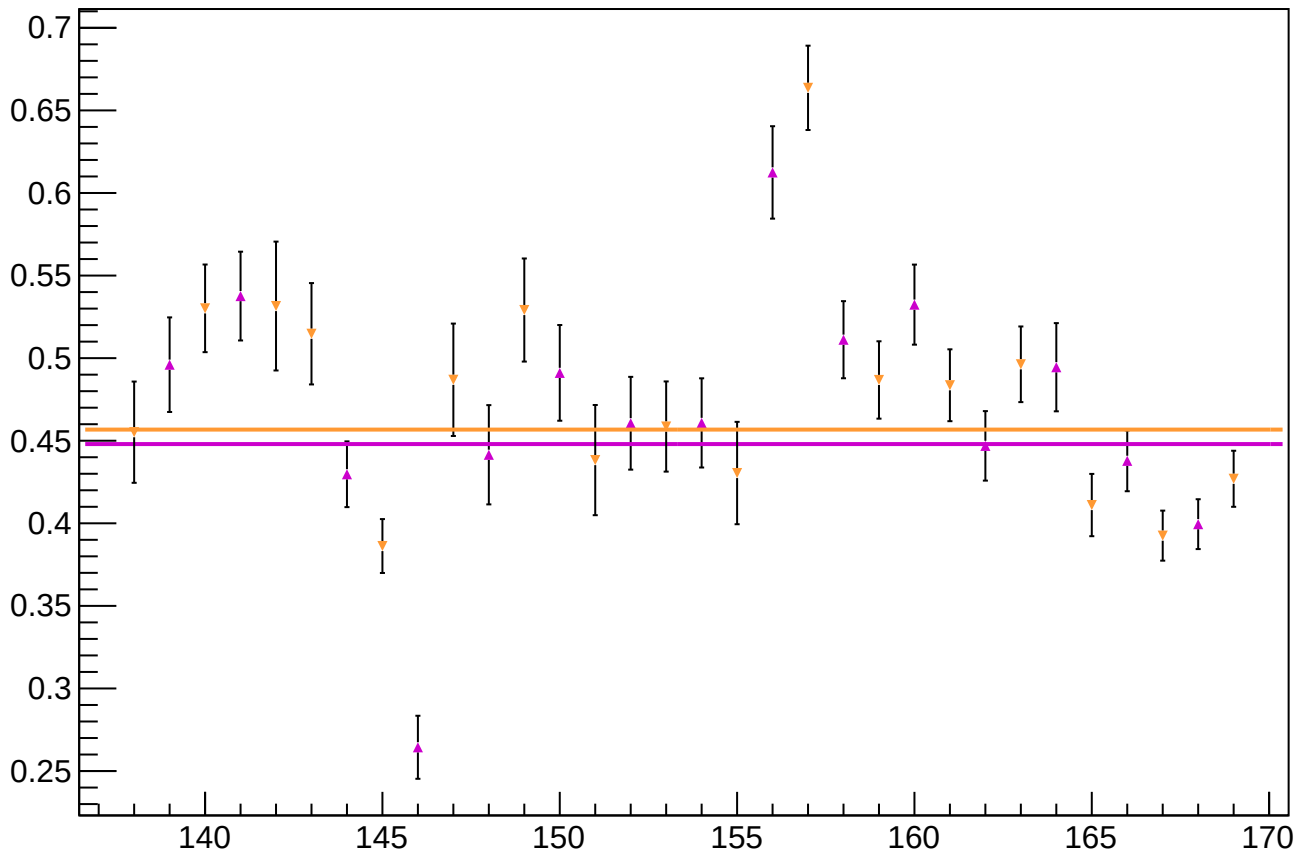
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.825+/-0.126 χ^2/NDF :1713.2/14

Out: -15.403+/-0.121 χ^2/NDF :1733.7/16

All: -15.126+/-0.087 χ^2/NDF : 3457.8/31

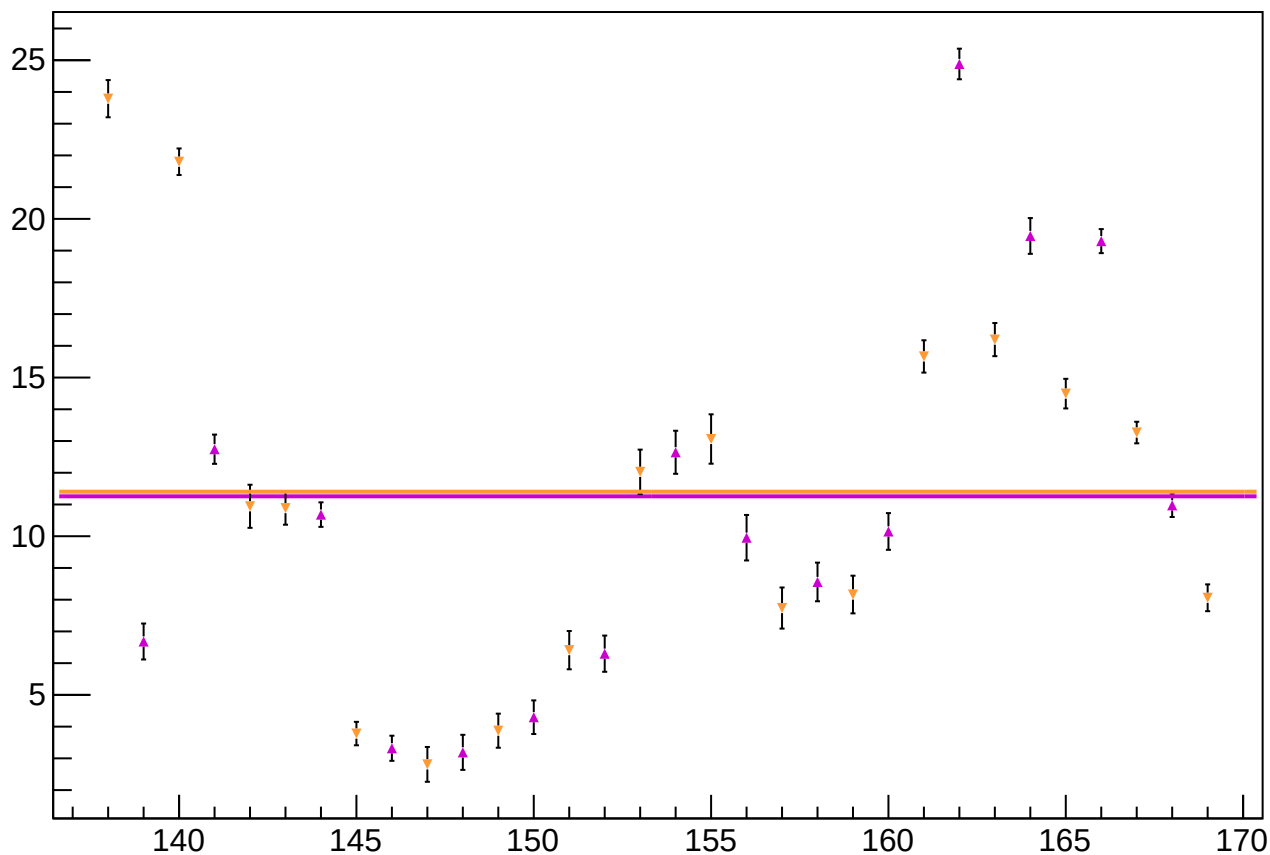
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.457 +/- 0.006 χ^2/NDF : 139.5/16
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 0.448 +/- 0.006 χ^2/NDF : 177.7/14

Left: 0.453 +/- 0.004 χ^2/NDF : 318.3/31
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 0.448 +/- 0.006 χ^2/NDF : 177.7/14
 Out: 0.457 +/- 0.006 χ^2/NDF : 139.5/16
 All: 0.453 +/- 0.004 χ^2/NDF : 318.3/31

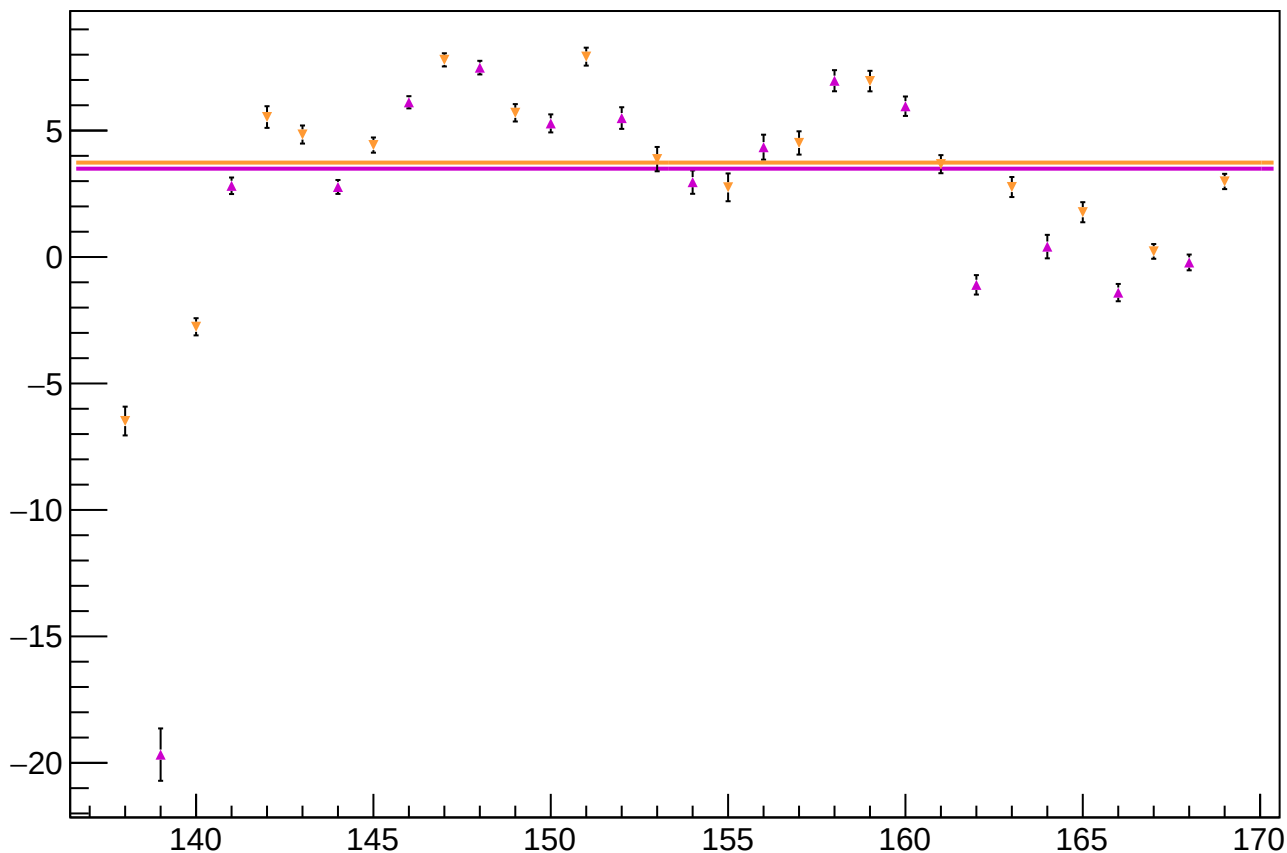
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 Left Out: 11.403 +/- 0.123 χ^2 /NDF: 2358.8/16
 Right Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.257 +/- 0.127 χ^2 /NDF: 2434.0/14

Left: 11.332 +/- 0.088 χ^2 /NDF: 4793.5/31
 Right: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 In: 11.257 +/- 0.127 χ^2 /NDF: 2434.0/14
 Out: 11.403 +/- 0.123 χ^2 /NDF: 2358.8/16
 All: 11.332 +/- 0.088 χ^2 /NDF: 4793.5/31

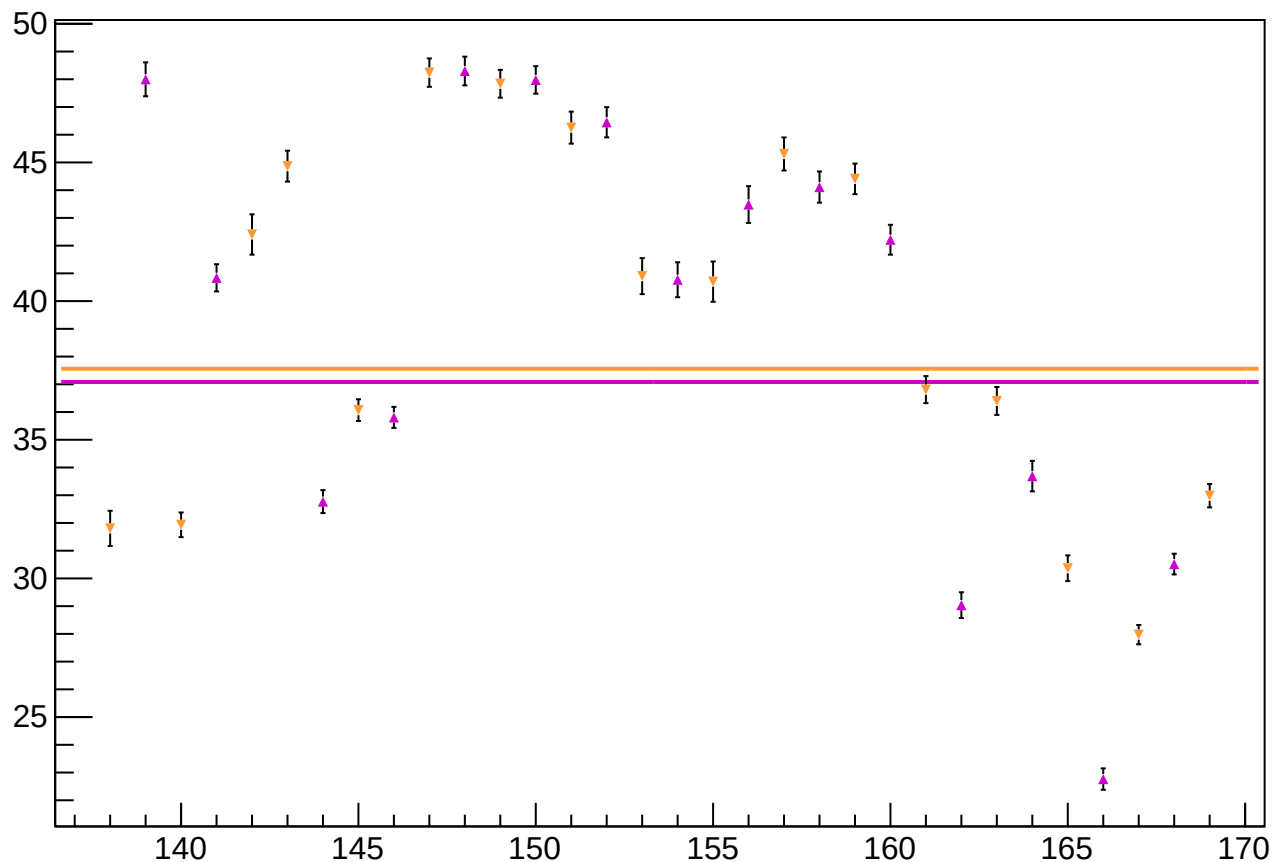
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.733 $\pm$ 0.088 χ^2 /NDF:1386.1/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.492 $\pm$ 0.092 χ^2 /NDF:1545.2/14

Left: 3.617 $\pm$ 0.063 χ^2 /NDF: 2934.9/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.492 $\pm$ 0.092 χ^2 /NDF:1545.2/14
 Out: 3.733 $\pm$ 0.088 χ^2 /NDF:1386.1/16
 All: 3.617 $\pm$ 0.063 χ^2 /NDF: 2934.9/31

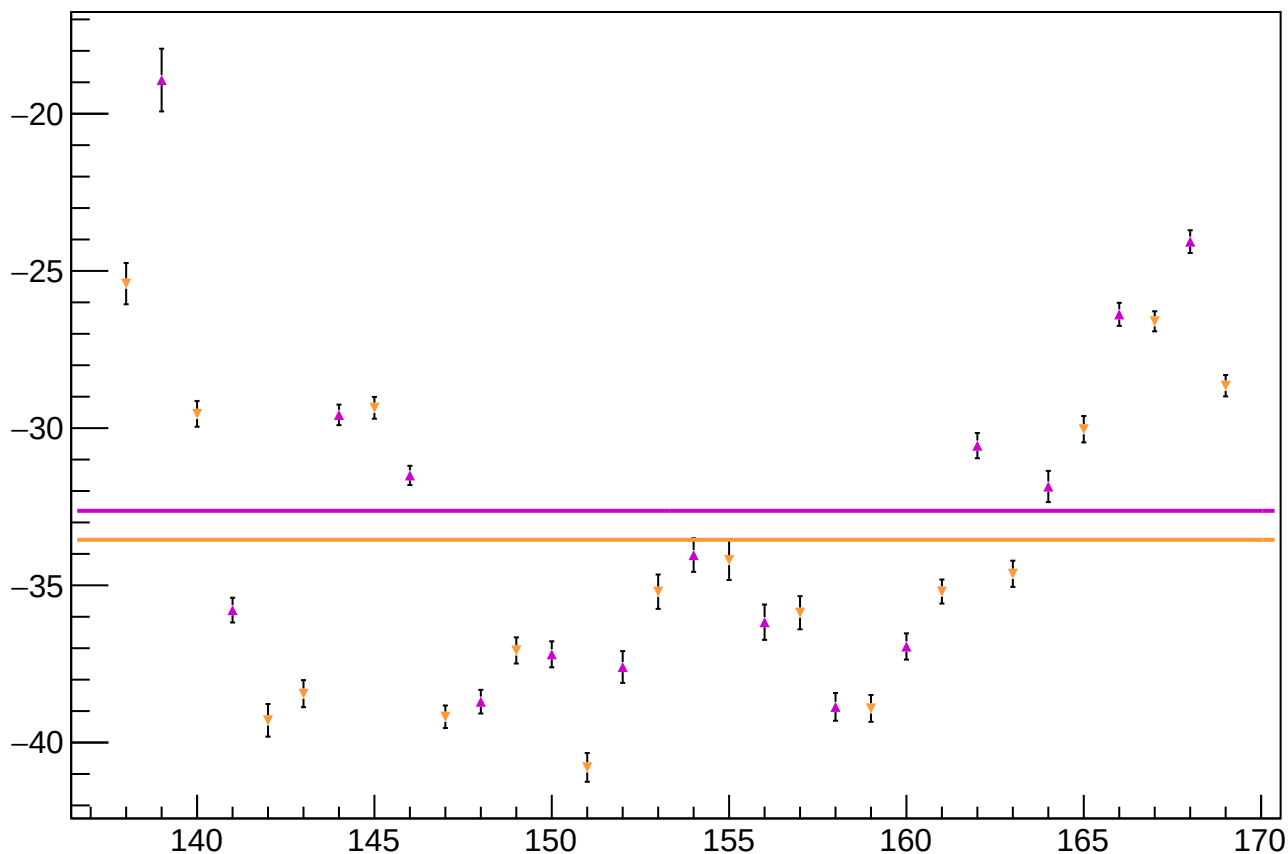
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 37.560 $\pm$ 0.122 χ^2 /NDF:3047.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 37.084 $\pm$ 0.125 χ^2 /NDF:4143.2/14

Left: 37.328 $\pm$ 0.087 χ^2 /NDF: 7197.8/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 37.084 $\pm$ 0.125 χ^2 /NDF:4143.2/14
 Out: 37.560 $\pm$ 0.122 χ^2 /NDF:3047.2/16
 All: 37.328 $\pm$ 0.087 χ^2 /NDF: 7197.8/31

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

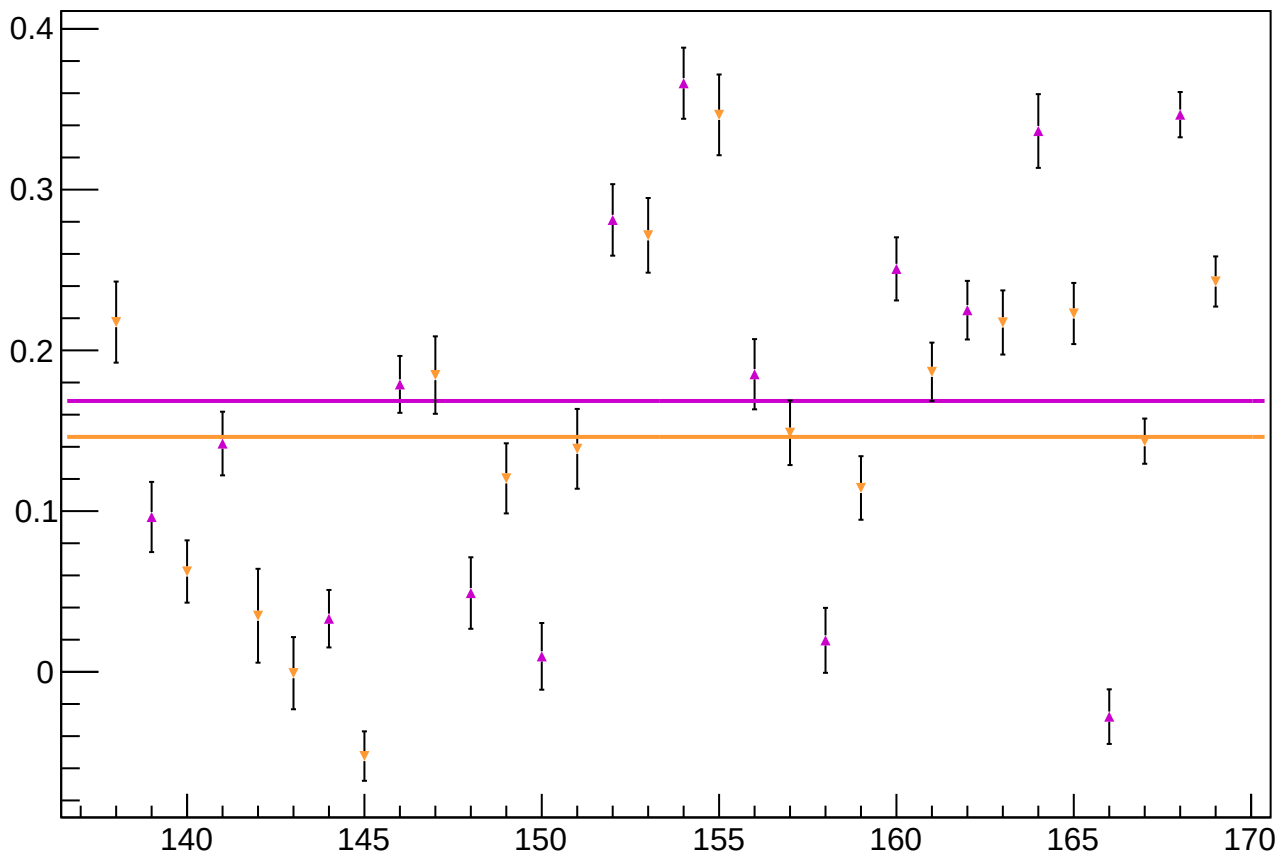


Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -33.552+/-0.102 χ^2 /NDF:2182.3/16
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -32.630+/-0.107 χ^2 /NDF:2063.7/14

Left: -33.112+/-0.074 χ^2 /NDF: 4284.8/31
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -32.630+/-0.107 χ^2 /NDF:2063.7/14
 Out: -33.552+/-0.102 χ^2 /NDF:2182.3/16

All: -33.112+/-0.074 χ^2 /NDF: 4284.8/31

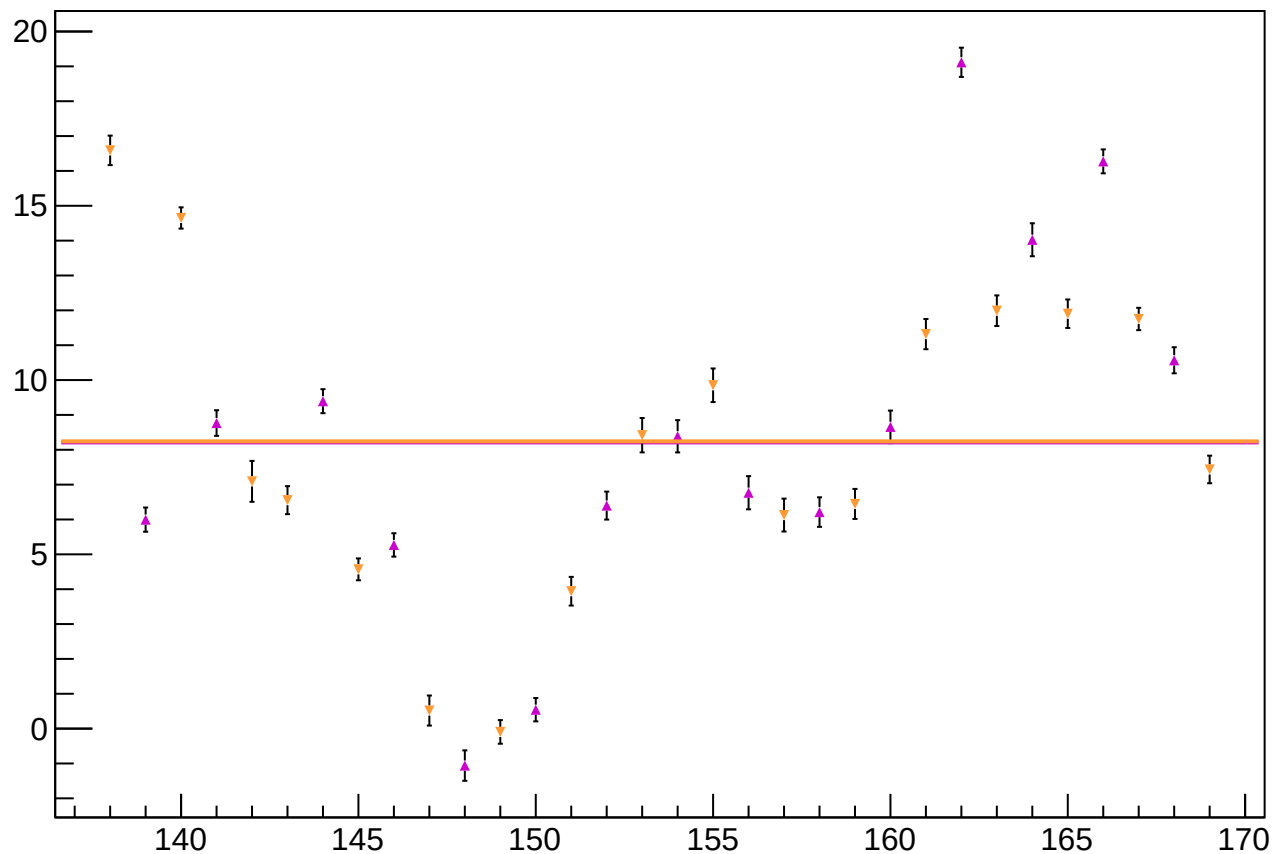
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.146 $\pm$ 0.005 χ^2 /NDF:422.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.169 $\pm$ 0.005 χ^2 /NDF:692.4/14

Left: 0.157 $\pm$ 0.003 χ^2 /NDF: 1125.3/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.169 $\pm$ 0.005 χ^2 /NDF:692.4/14
 Out: 0.146 $\pm$ 0.005 χ^2 /NDF:422.6/16
 All: 0.157 $\pm$ 0.003 χ^2 /NDF: 1125.3/31

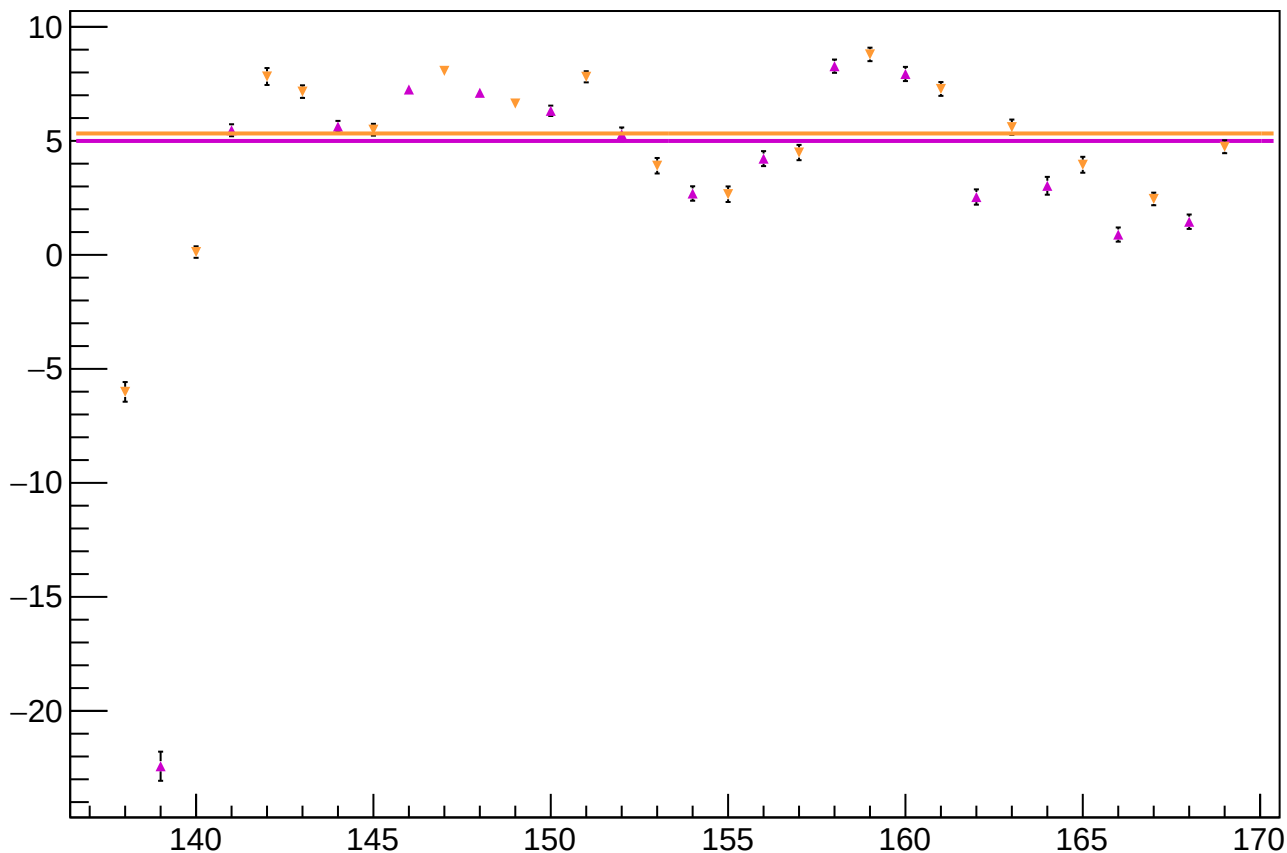
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.241+/-0.097 χ^2/NDF :2398.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.211+/-0.101 χ^2/NDF :2577.8/14

Left: 8.227+/-0.070 χ^2/NDF : 4976.1/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.211+/-0.101 χ^2/NDF :2577.8/14
 Out: 8.241+/-0.097 χ^2/NDF :2398.2/16
 All: 8.227+/-0.070 χ^2/NDF : 4976.1/31

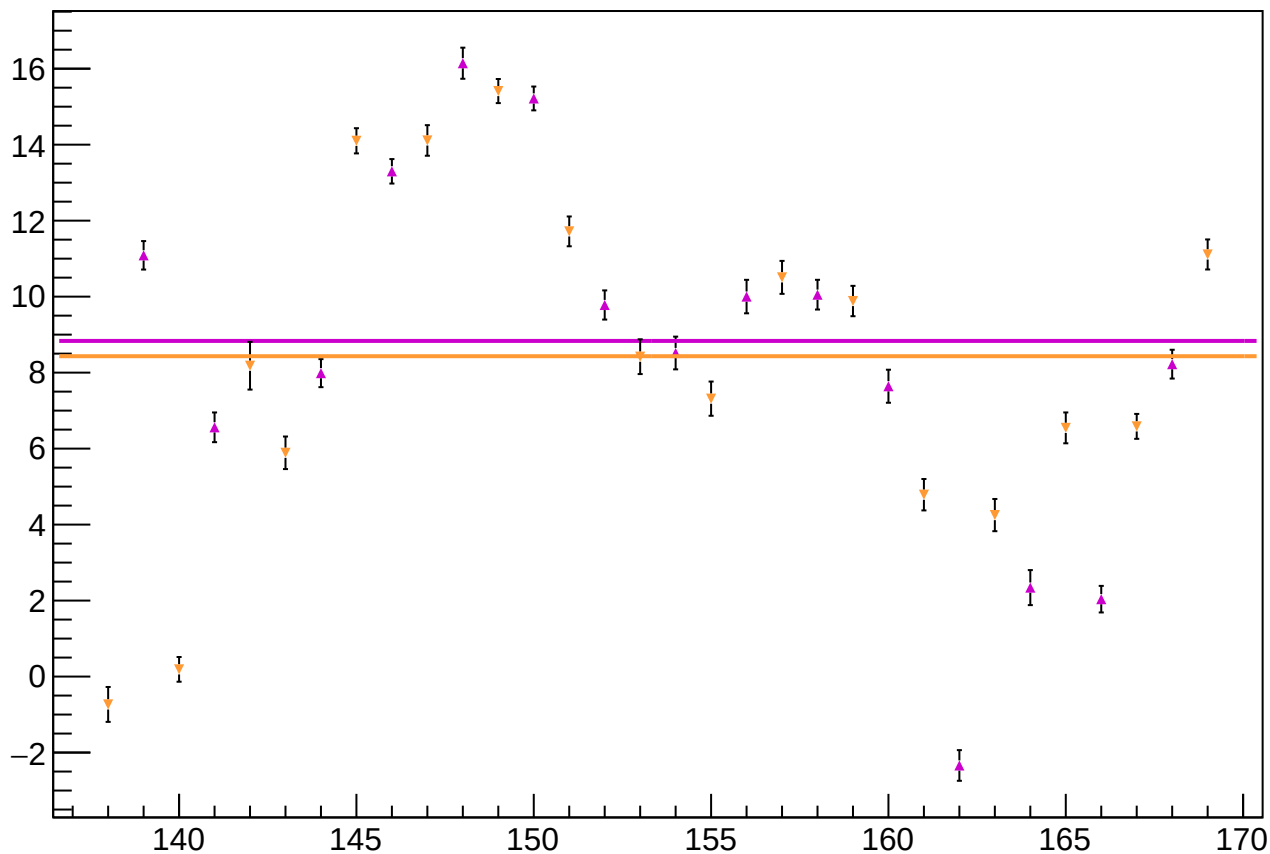
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.324+/-0.069 χ^2/NDF :1910.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.996+/-0.074 χ^2/NDF :2747.4/14

Left: 5.170+/-0.050 χ^2/NDF : 4668.1/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.996+/-0.074 χ^2/NDF :2747.4/14
 Out: 5.324+/-0.069 χ^2/NDF :1910.2/16
 All: 5.170+/-0.050 χ^2/NDF : 4668.1/31

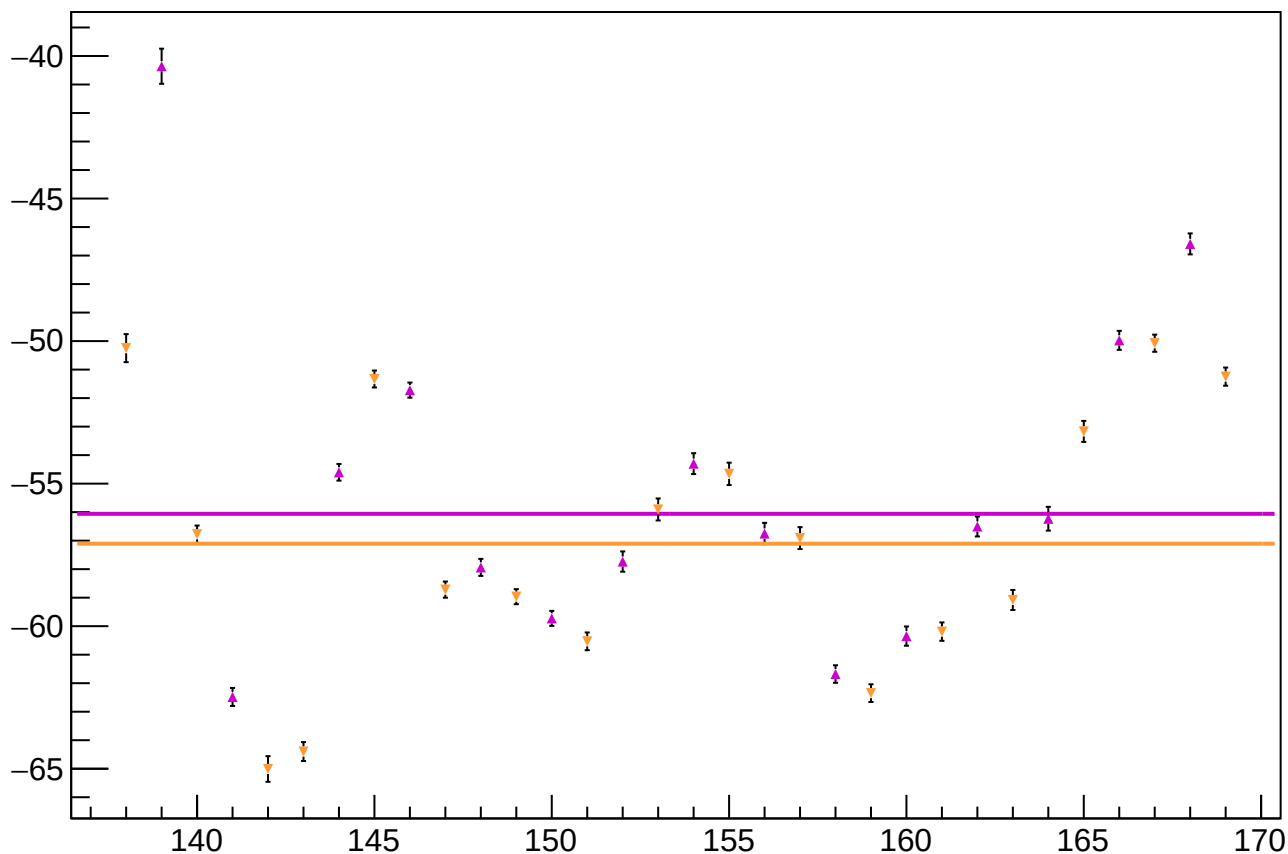
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.432+/-0.096 χ^2/NDF :2437.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.834+/-0.099 χ^2/NDF :2376.4/14

Left: 8.627+/-0.069 χ^2/NDF : 4822.5/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.834+/-0.099 χ^2/NDF :2376.4/14
 Out: 8.432+/-0.096 χ^2/NDF :2437.5/16
 All: 8.627+/-0.069 χ^2/NDF : 4822.5/31

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.107+/-0.081 χ^2/NDF :3022.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.059+/-0.086 χ^2/NDF :3132.5/14

Left: -56.614+/-0.059 χ^2/NDF : 6234.3/31

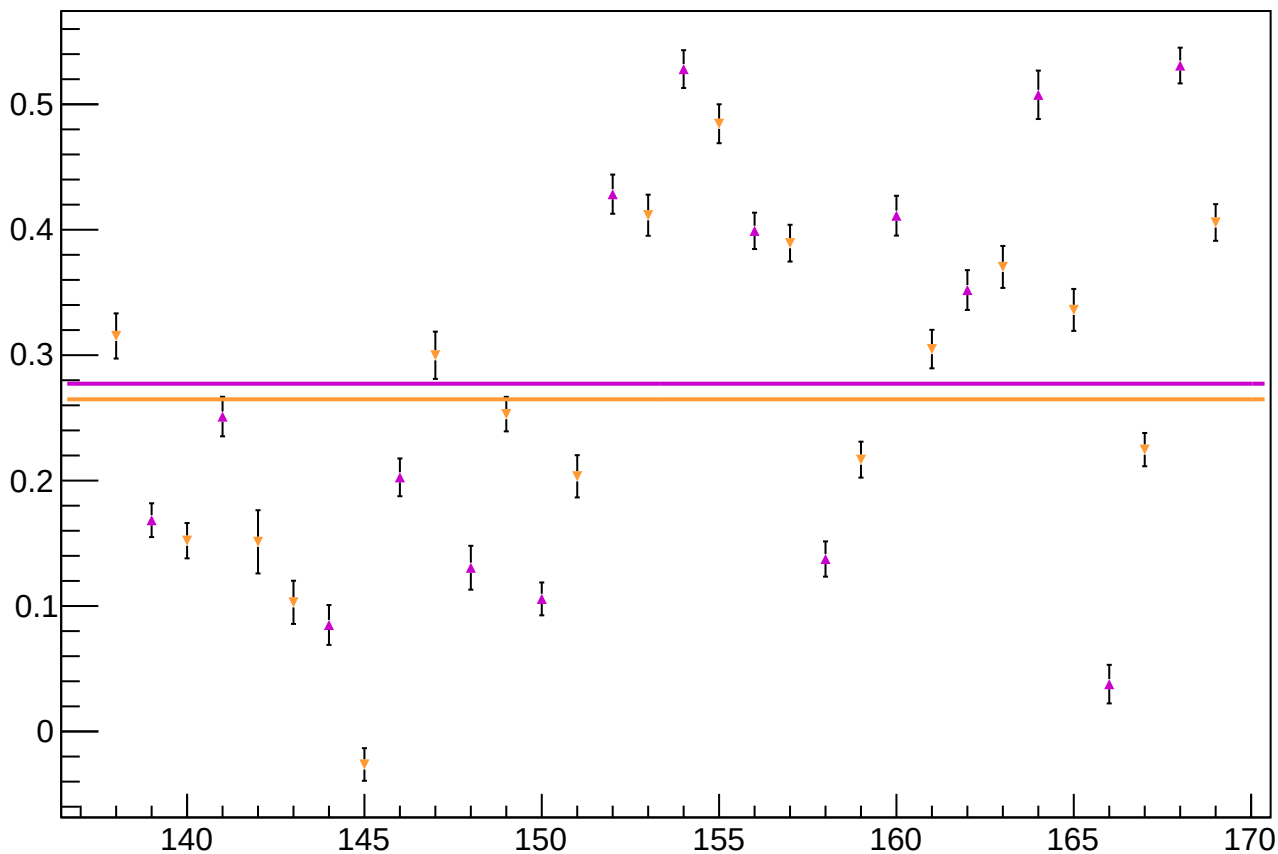
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.059+/-0.086 χ^2/NDF :3132.5/14

Out: -57.107+/-0.081 χ^2/NDF :3022.4/16

All: -56.614+/-0.059 χ^2/NDF : 6234.3/31

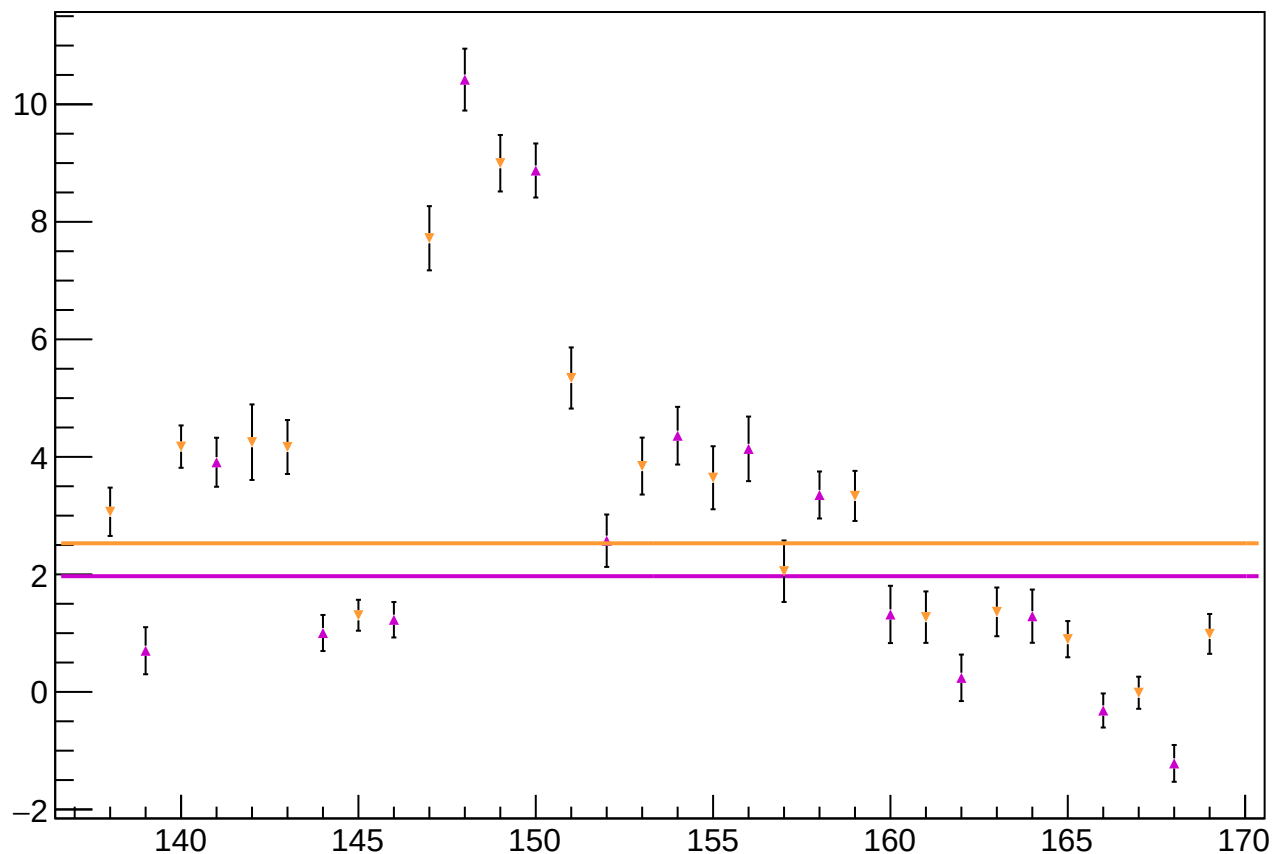
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.265 $\pm$ 0.004 χ^2 /NDF:1229.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.277 $\pm$ 0.004 χ^2 /NDF:1815.5/14

Left: 0.271 $\pm$ 0.003 χ^2 /NDF: 3050.4/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.277 $\pm$ 0.004 χ^2 /NDF:1815.5/14
 Out: 0.265 $\pm$ 0.004 χ^2 /NDF:1229.7/16
 All: 0.271 $\pm$ 0.003 χ^2 /NDF: 3050.4/31

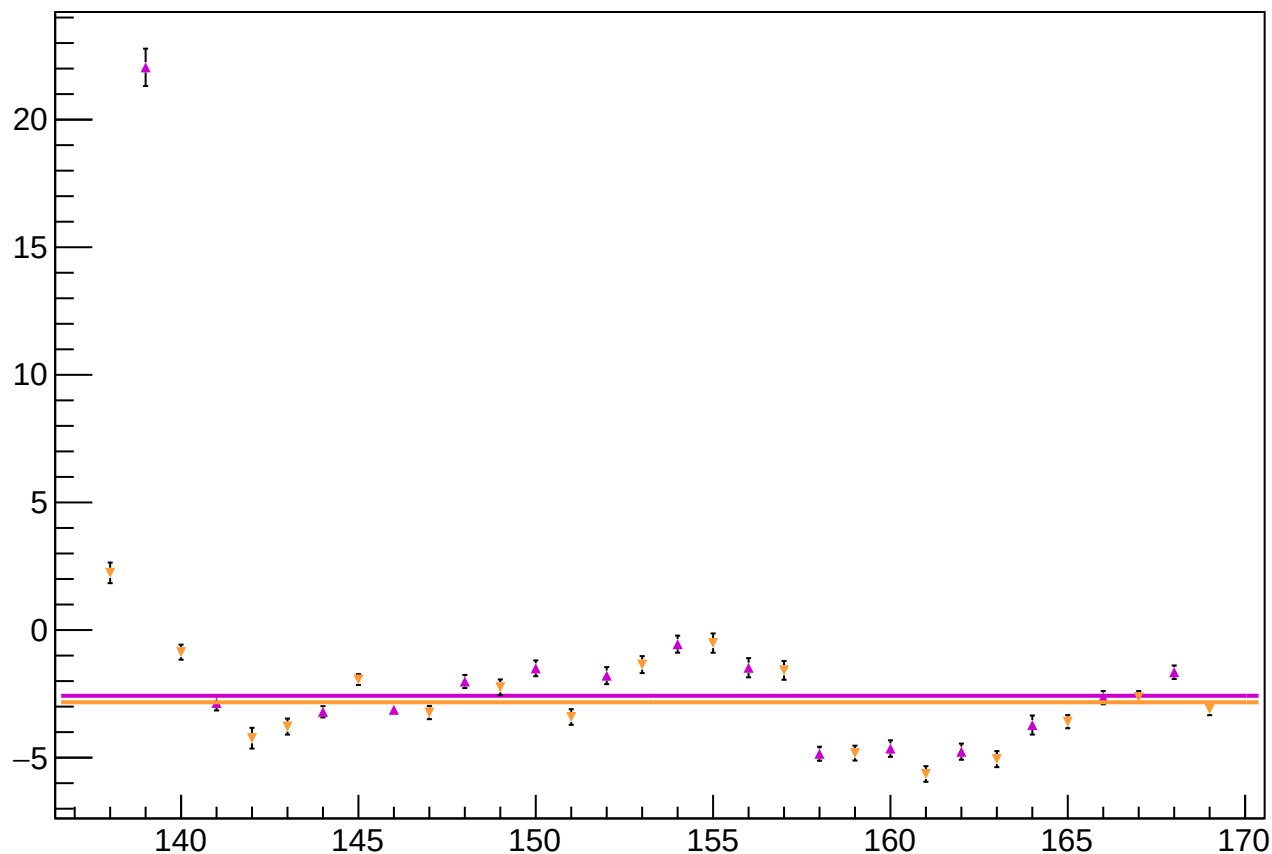
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.529+/-0.097 χ^2/NDF :532.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.969+/-0.101 χ^2/NDF :772.1/14

Left: 2.262+/-0.070 χ^2/NDF : 1320.5/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.969+/-0.101 χ^2/NDF :772.1/14
 Out: 2.529+/-0.097 χ^2/NDF :532.4/16
 All: 2.262+/-0.070 χ^2/NDF : 1320.5/31

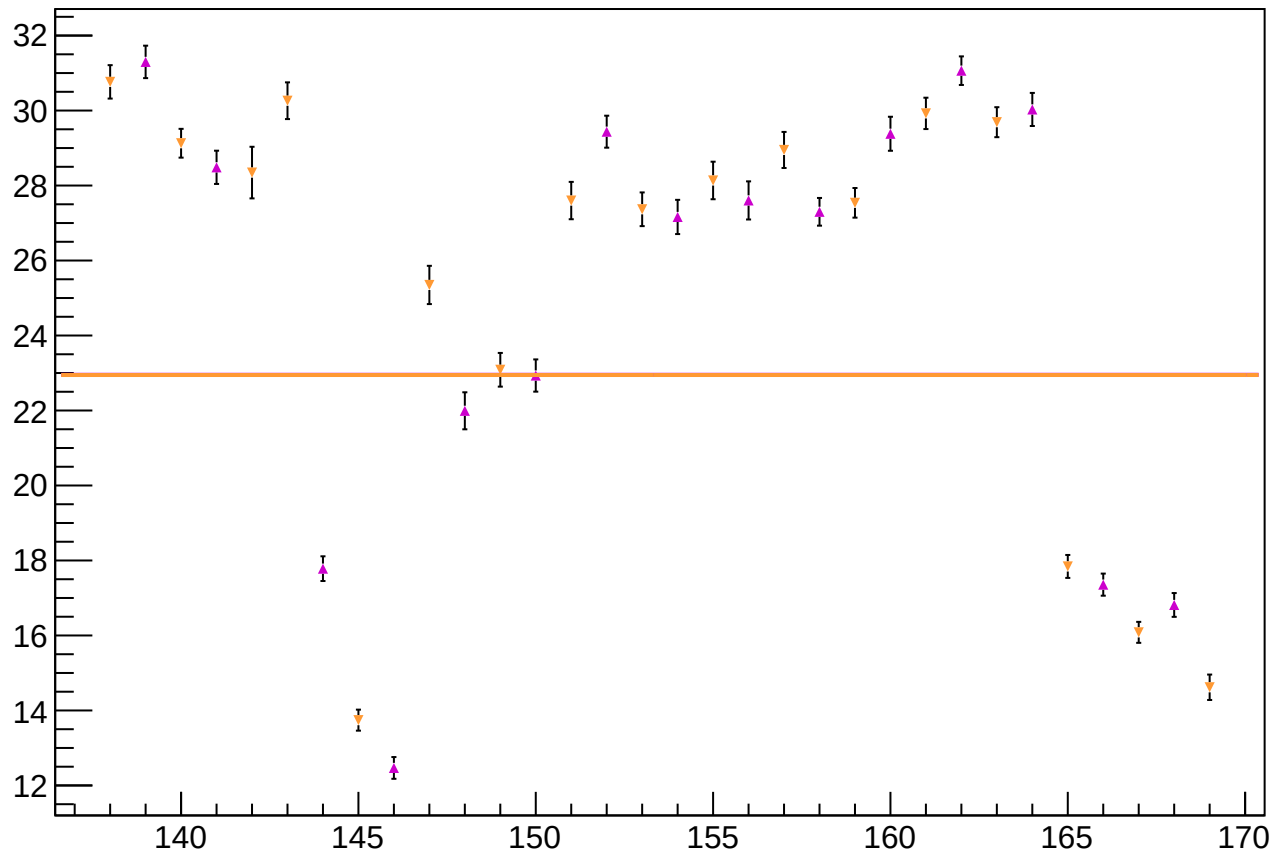
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.830+/-0.071 χ^2/NDF :510.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.575+/-0.075 χ^2/NDF :1398.2/14

Left: -2.709+/-0.051 χ^2/NDF : 1915.2/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.575+/-0.075 χ^2/NDF :1398.2/14
 Out: -2.830+/-0.071 χ^2/NDF :510.9/16
 All: -2.709+/-0.051 χ^2/NDF : 1915.2/31

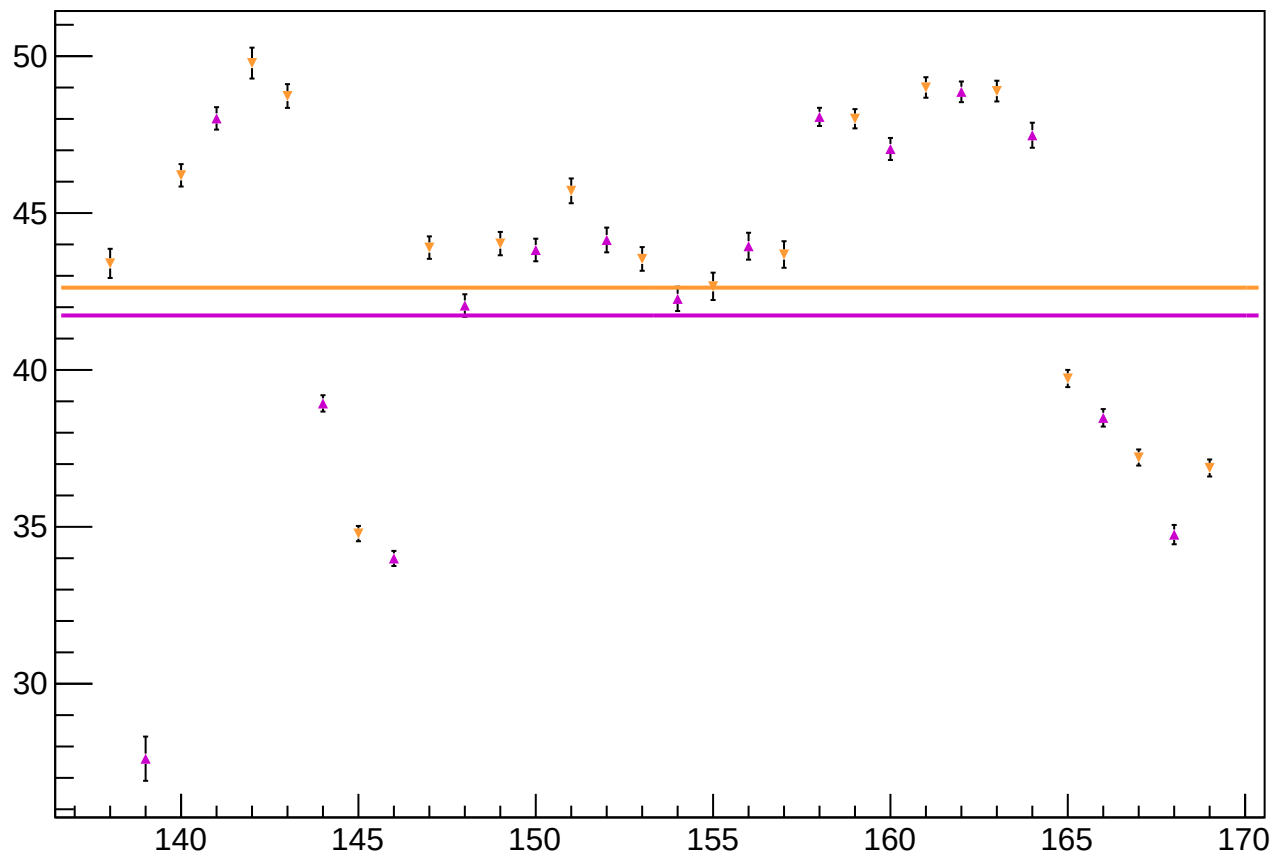
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 22.946 $\pm$ 0.096 χ^2 /NDF:4581.6/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 22.953 $\pm$ 0.100 χ^2 /NDF:4269.0/14

Left: 22.950 $\pm$ 0.069 χ^2 /NDF: 8850.6/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 22.953 $\pm$ 0.100 χ^2 /NDF:4269.0/14
 Out: 22.946 $\pm$ 0.096 χ^2 /NDF:4581.6/16
 All: 22.950 $\pm$ 0.069 χ^2 /NDF: 8850.6/31

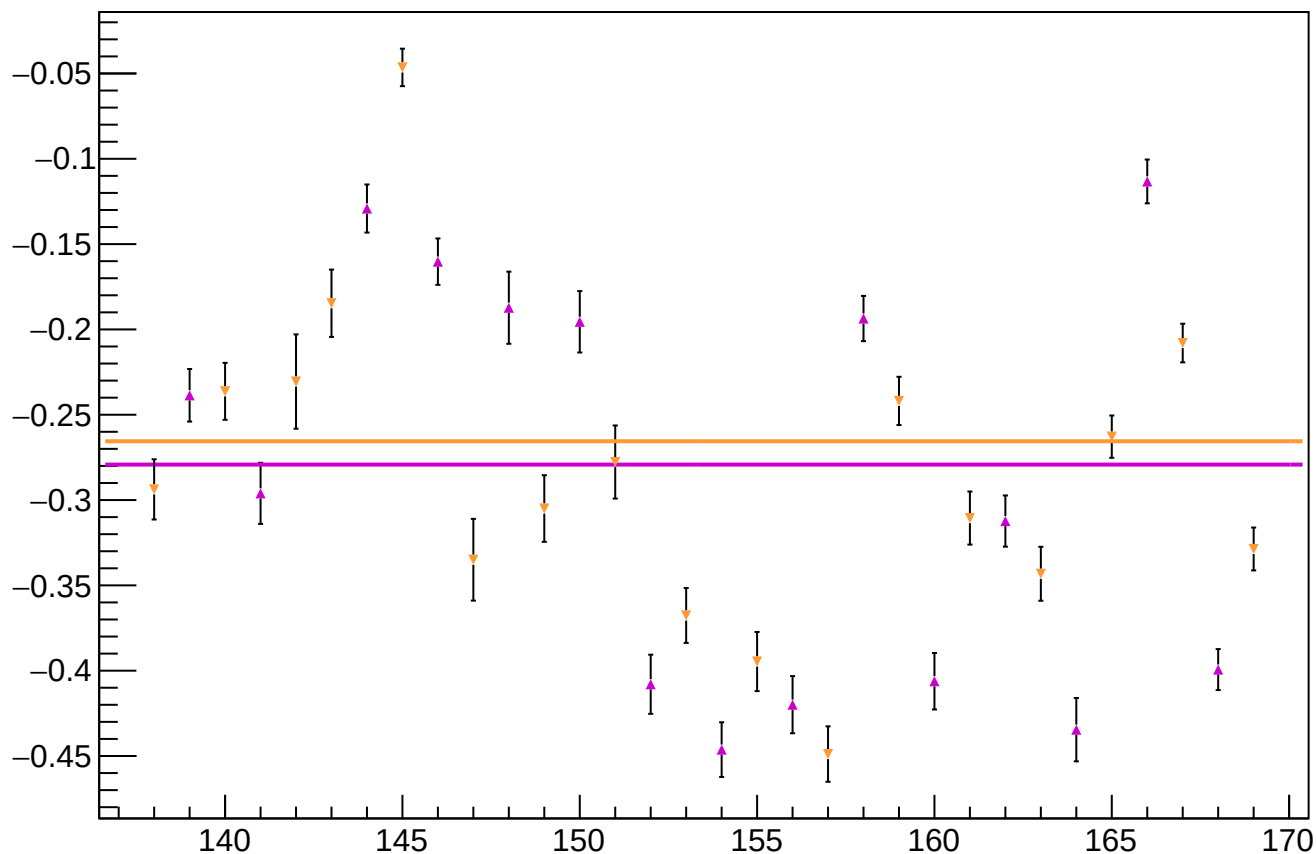
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.623+/-0.081 χ^2/NDF :3761.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.736+/-0.086 χ^2/NDF :3993.6/14

Left: 42.205+/-0.059 χ^2/NDF : 7811.3/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.736+/-0.086 χ^2/NDF :3993.6/14
 Out: 42.623+/-0.081 χ^2/NDF :3761.7/16
 All: 42.205+/-0.059 χ^2/NDF : 7811.3/31

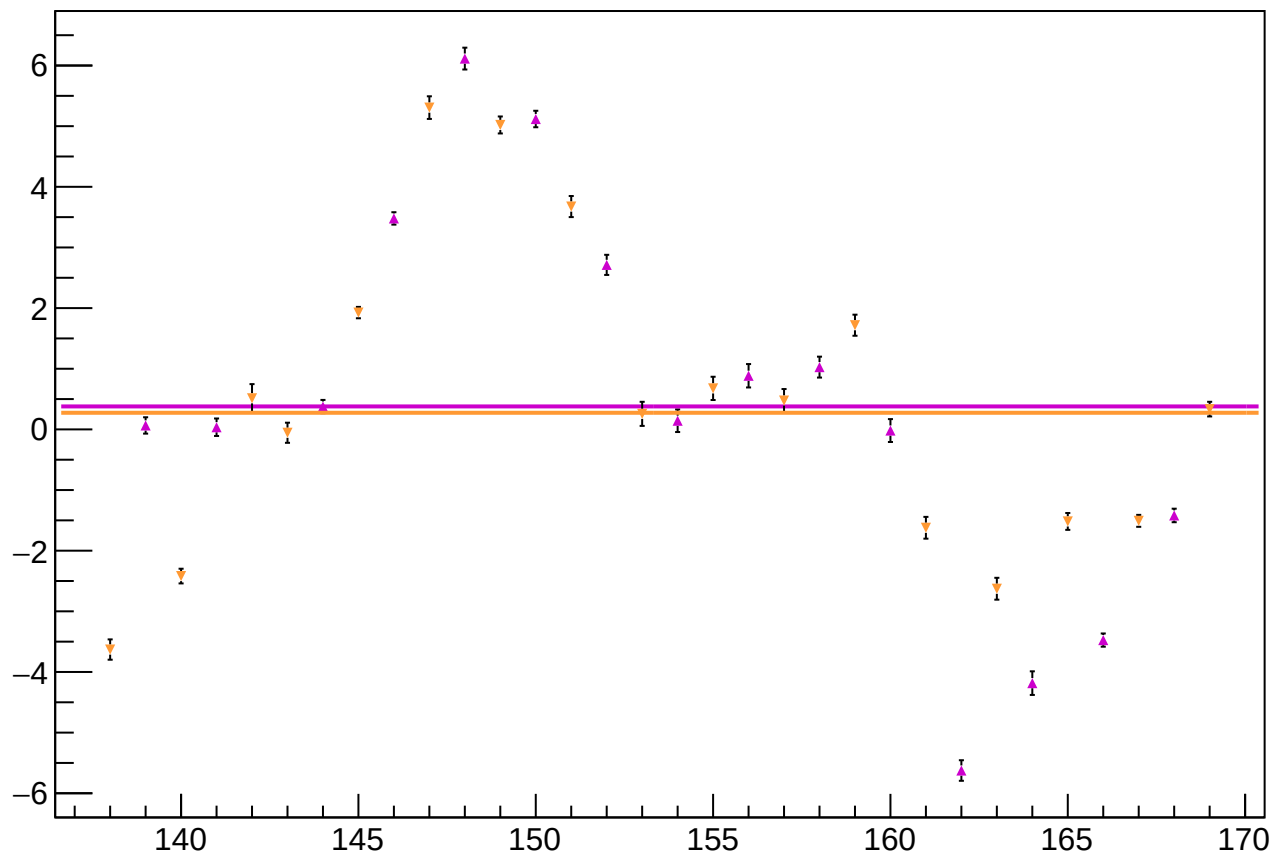
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.266 ± 0.004 $\chi^2/\text{NDF}: 744.3/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.279 ± 0.004 $\chi^2/\text{NDF}: 915.3/14$

Left: -0.272 ± 0.003 $\chi^2/\text{NDF}: 1665.9/31$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.279 ± 0.004 $\chi^2/\text{NDF}: 915.3/14$
 Out: -0.266 ± 0.004 $\chi^2/\text{NDF}: 744.3/16$
 All: -0.272 ± 0.003 $\chi^2/\text{NDF}: 1665.9/31$

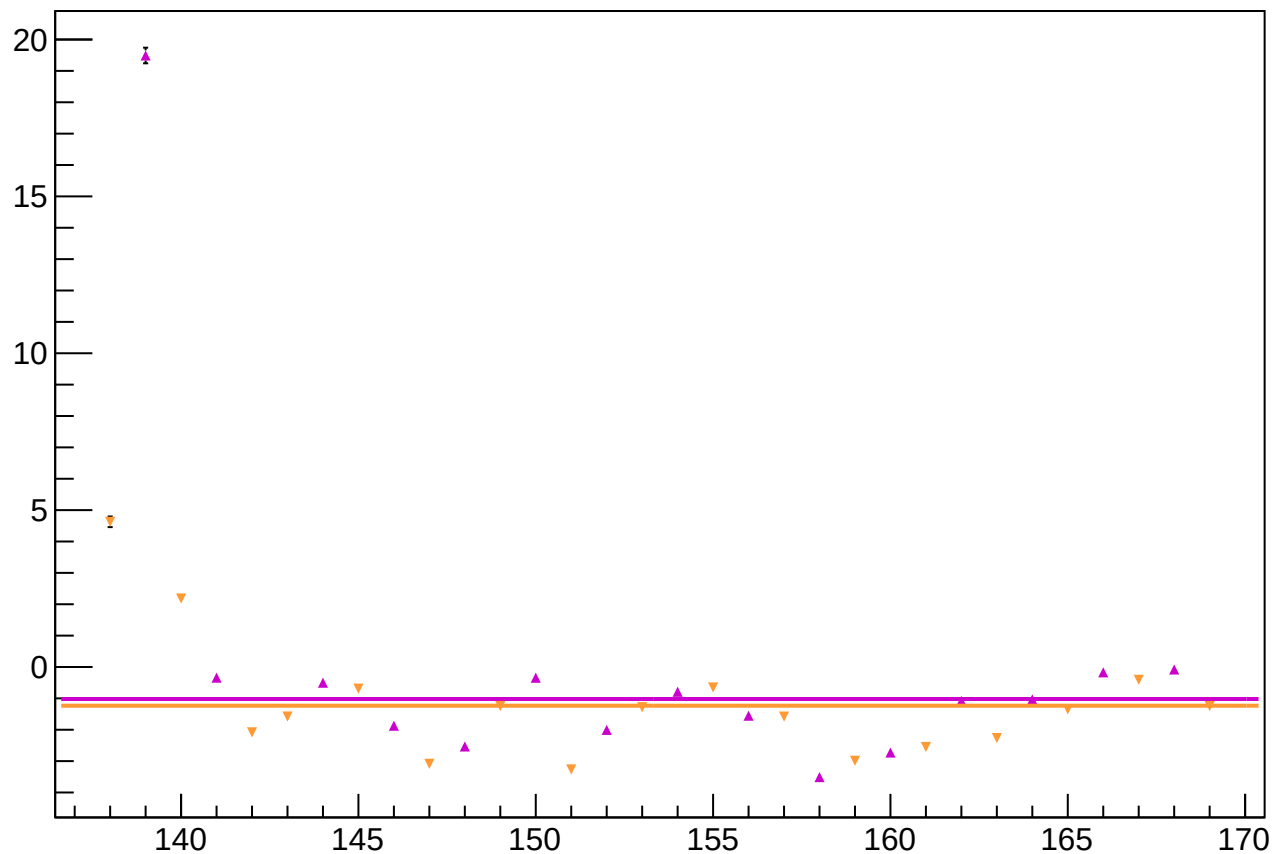
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.274+/-0.036 χ^2/NDF :4549.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.379+/-0.037 χ^2/NDF :6698.7/14

Left: 0.325+/-0.026 χ^2/NDF : 11252.5/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.379+/-0.037 χ^2/NDF :6698.7/14
 Out: 0.274+/-0.036 χ^2/NDF :4549.7/16
 All: 0.325+/-0.026 χ^2/NDF : 11252.5/31

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



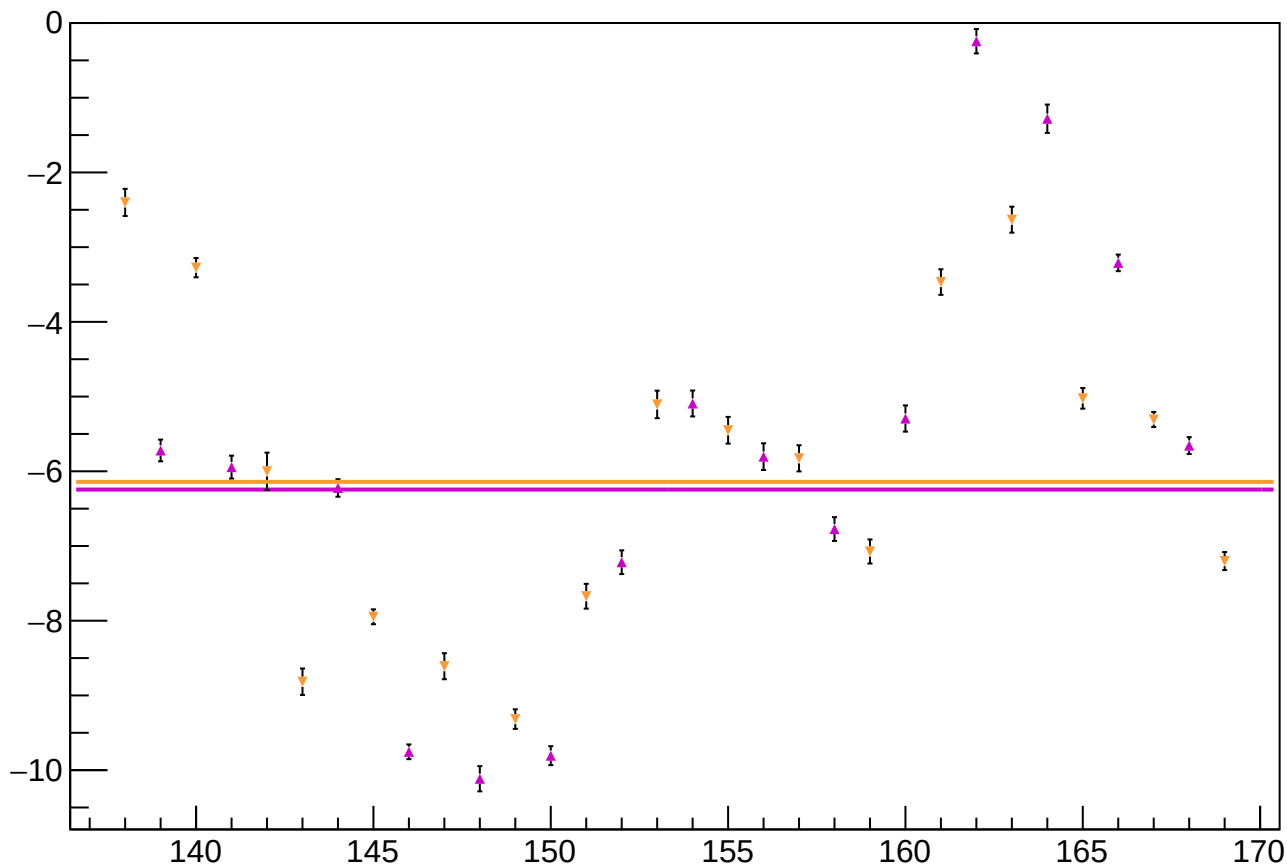
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.234+/-0.026 χ^2/NDF : 3780.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.020+/-0.027 χ^2/NDF : 8251.5/14

Left: -1.131+/-0.019 χ^2/NDF : 12064.6/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.020+/-0.027 χ^2/NDF : 8251.5/14
 Out: -1.234+/-0.026 χ^2/NDF : 3780.8/16

All: -1.131+/-0.019 χ^2/NDF : 12064.6/31

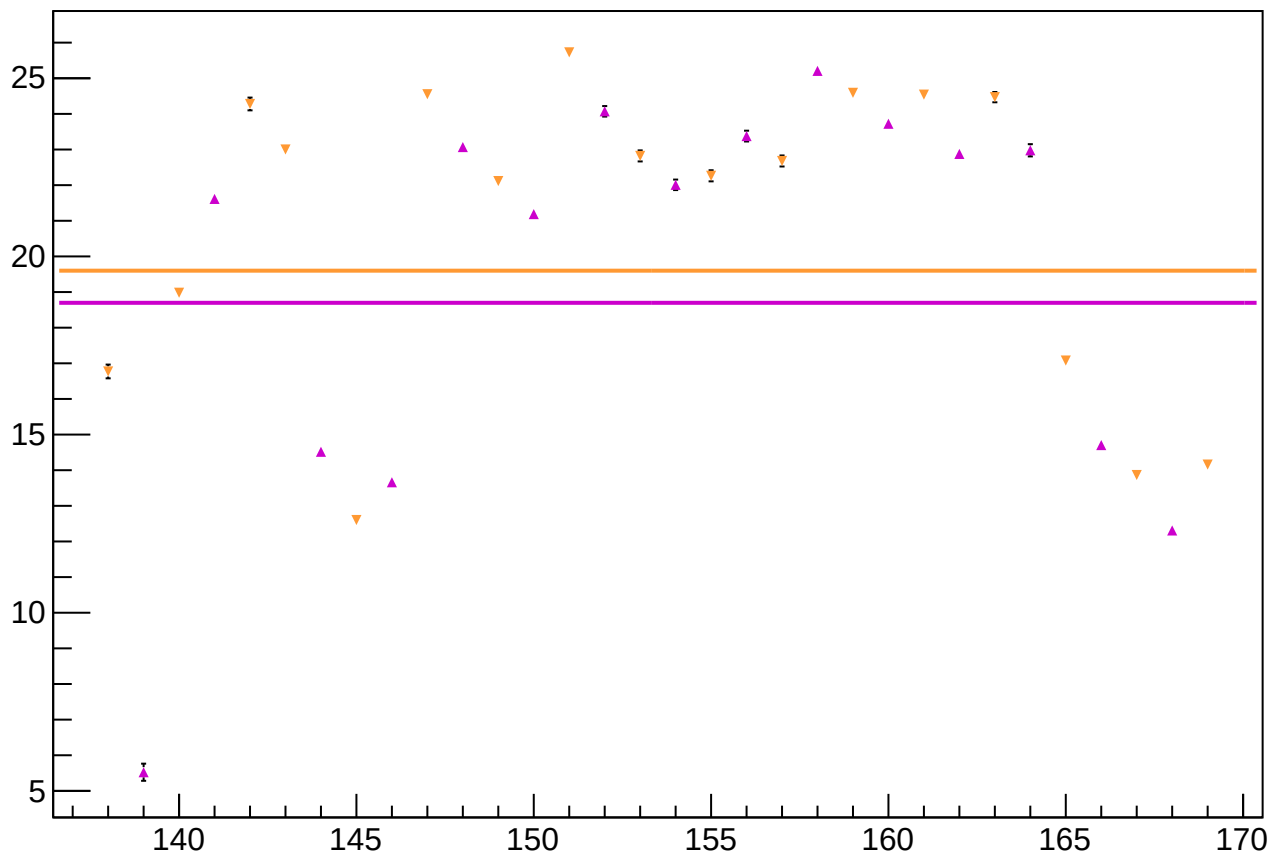
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.142 $\pm$ 0.036 χ^2 /NDF:3295.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.244 $\pm$ 0.036 χ^2 /NDF:5536.1/14

Left: -6.192 $\pm$ 0.025 χ^2 /NDF: 8835.4/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.244 $\pm$ 0.036 χ^2 /NDF:5536.1/14
 Out: -6.142 $\pm$ 0.036 χ^2 /NDF:3295.2/16
 All: -6.192 $\pm$ 0.025 χ^2 /NDF: 8835.4/31

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: 19.600+/-0.030 χ^2/NDF :24766.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.698+/-0.031 χ^2/NDF :24301.0/14

Left: 19.168+/-0.022 χ^2/NDF : 49494.9/31

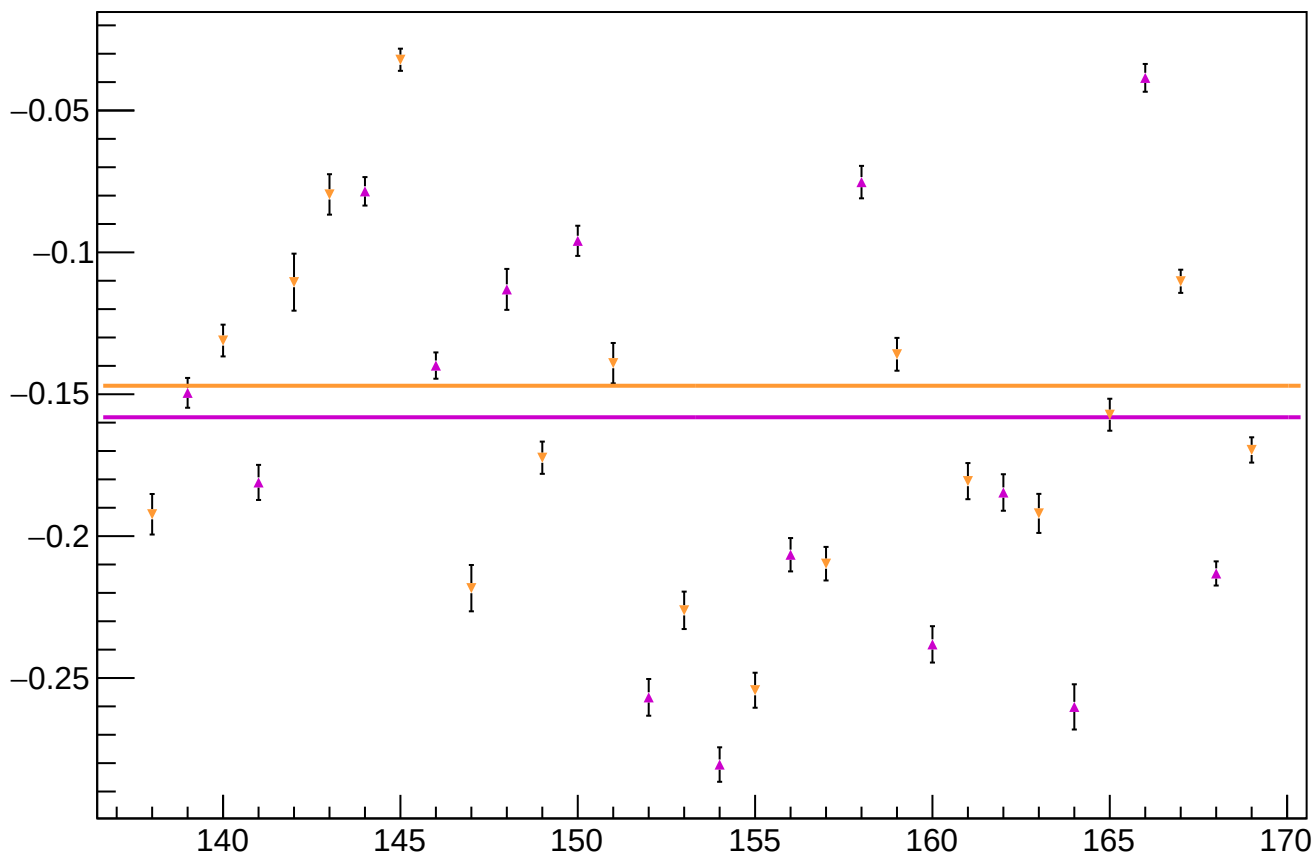
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.698+/-0.031 χ^2/NDF :24301.0/14

Out: 19.600+/-0.030 χ^2/NDF :24766.2/16

All: 19.168+/-0.022 χ^2/NDF : 49494.9/31

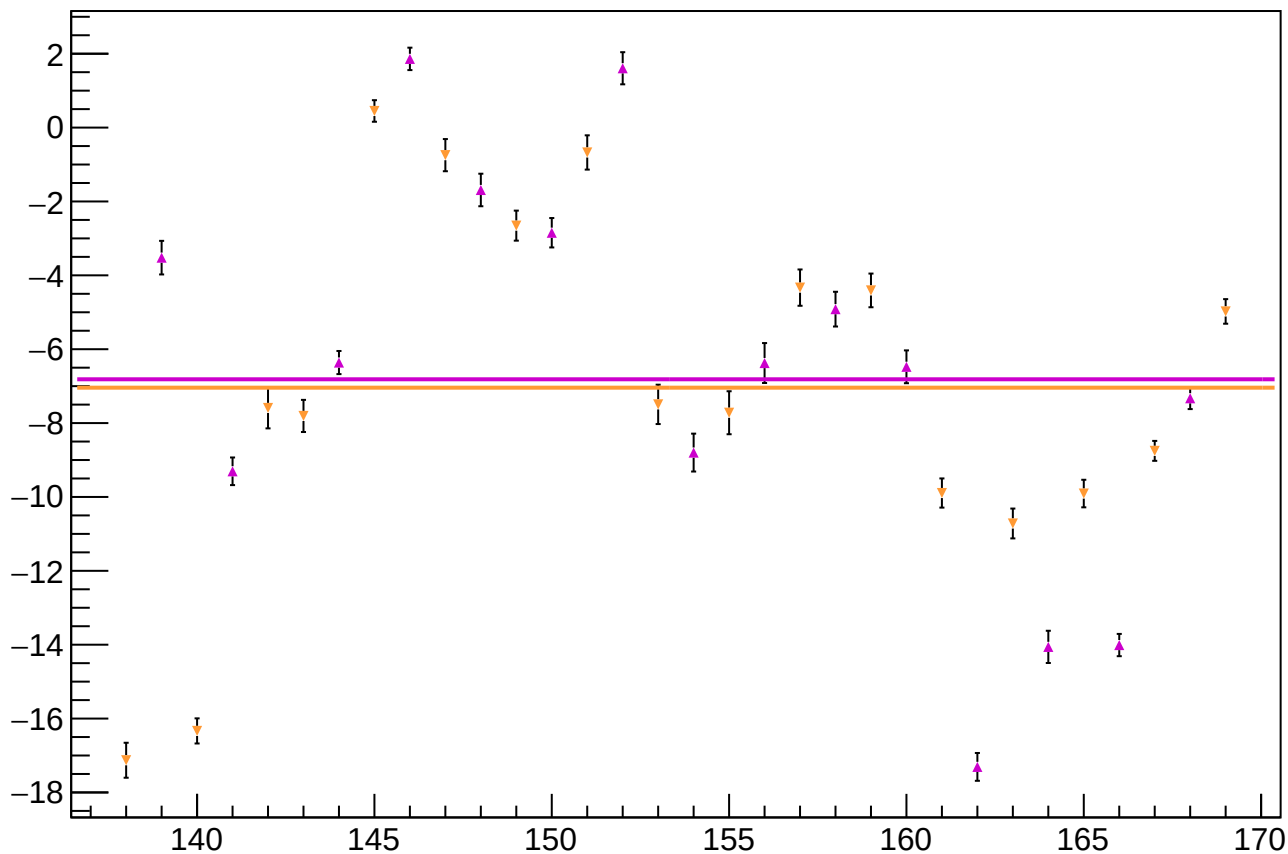
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.147+/-0.001 χ^2/NDF :1856.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.158+/-0.001 χ^2/NDF :2474.8/14

Left: -0.152+/-0.001 χ^2/NDF : 4361.6/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.158+/-0.001 χ^2/NDF :2474.8/14
 Out: -0.147+/-0.001 χ^2/NDF :1856.5/16
 All: -0.152+/-0.001 χ^2/NDF : 4361.6/31

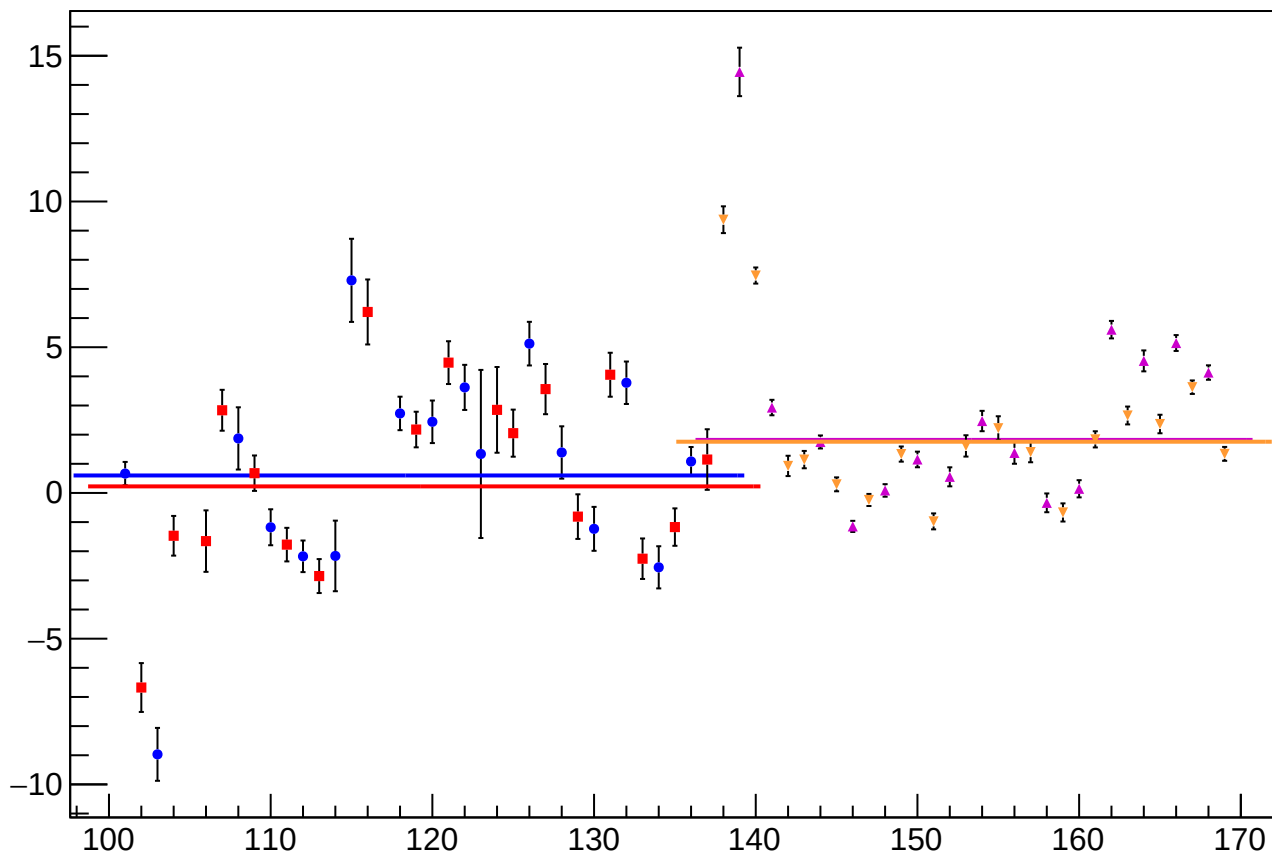
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.041+/-0.097 χ^2/NDF :2715.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.814+/-0.099 χ^2/NDF :3183.2/14

Left: -6.931+/-0.069 χ^2/NDF : 5901.2/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.814+/-0.099 χ^2/NDF :3183.2/14
 Out: -7.041+/-0.097 χ^2/NDF :2715.3/16
 All: -6.931+/-0.069 χ^2/NDF : 5901.2/31

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: 1.758 ± 0.069 χ^2/NDF : 1087.6/16

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 1.820 ± 0.072 χ^2/NDF : 1109.5/14

Left: 1.788 ± 0.050 χ^2/NDF : 2197.5/31

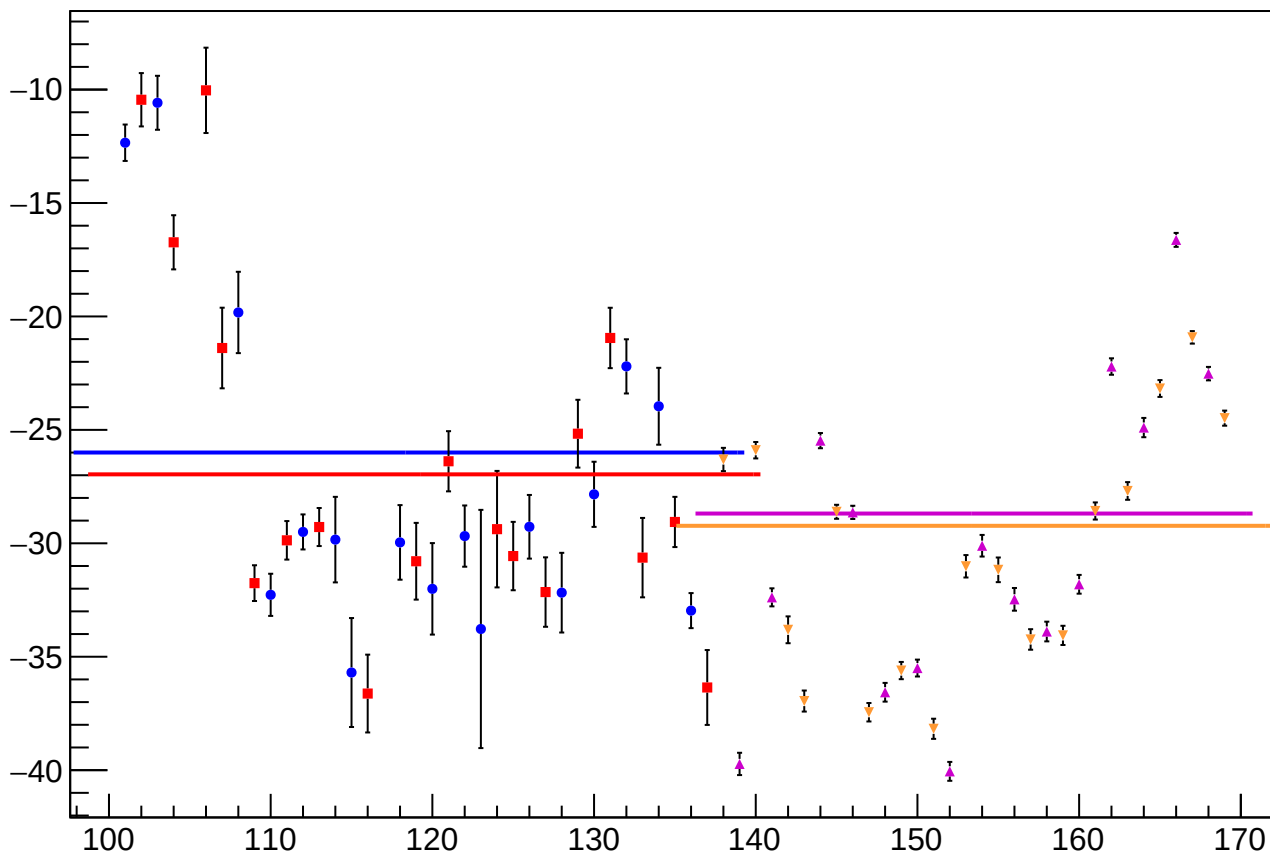
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 1.633 ± 0.066 χ^2/NDF : 1445.4/31

Out: 1.550 ± 0.064 χ^2/NDF : 1427.3/34

All: 1.590 ± 0.046 χ^2/NDF : 2873.5/66

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -29.229 ± 0.096 χ^2/NDF : 3227.5/16

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -28.688 ± 0.098 χ^2/NDF : 4765.3/14

Left: -28.963 ± 0.069 χ^2/NDF : 8008.3/31

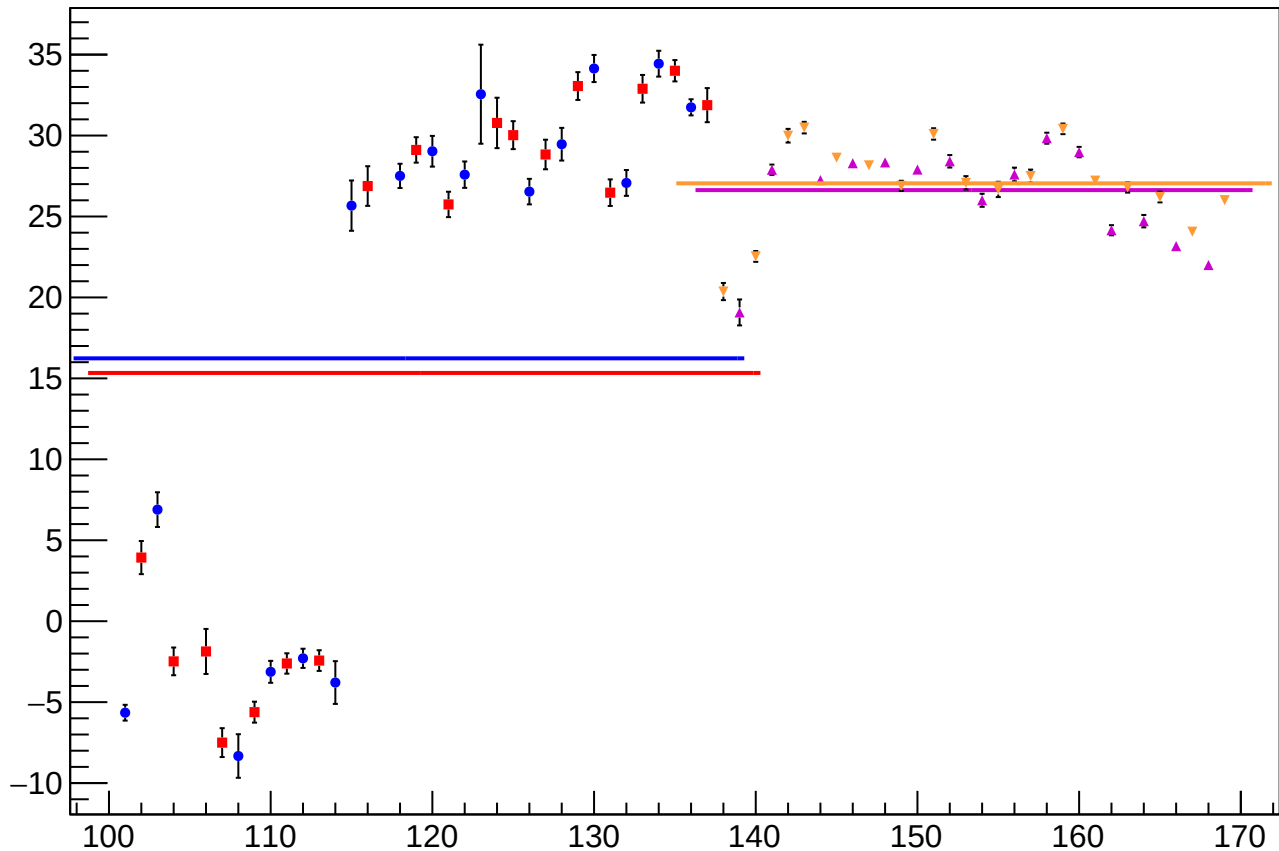
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -28.430 ± 0.093 χ^2/NDF : 5530.5/31

Out: -29.016 ± 0.091 χ^2/NDF : 3815.3/34

All: -28.728 ± 0.065 χ^2/NDF : 9366.0/66

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.048 $\pm$ 0.080 χ^2 /NDF:874.7/16

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 26.630 $\pm$ 0.084 χ^2 /NDF:864.4/14

Left: 26.848 $\pm$ 0.058 χ^2 /NDF: 1752.1/31

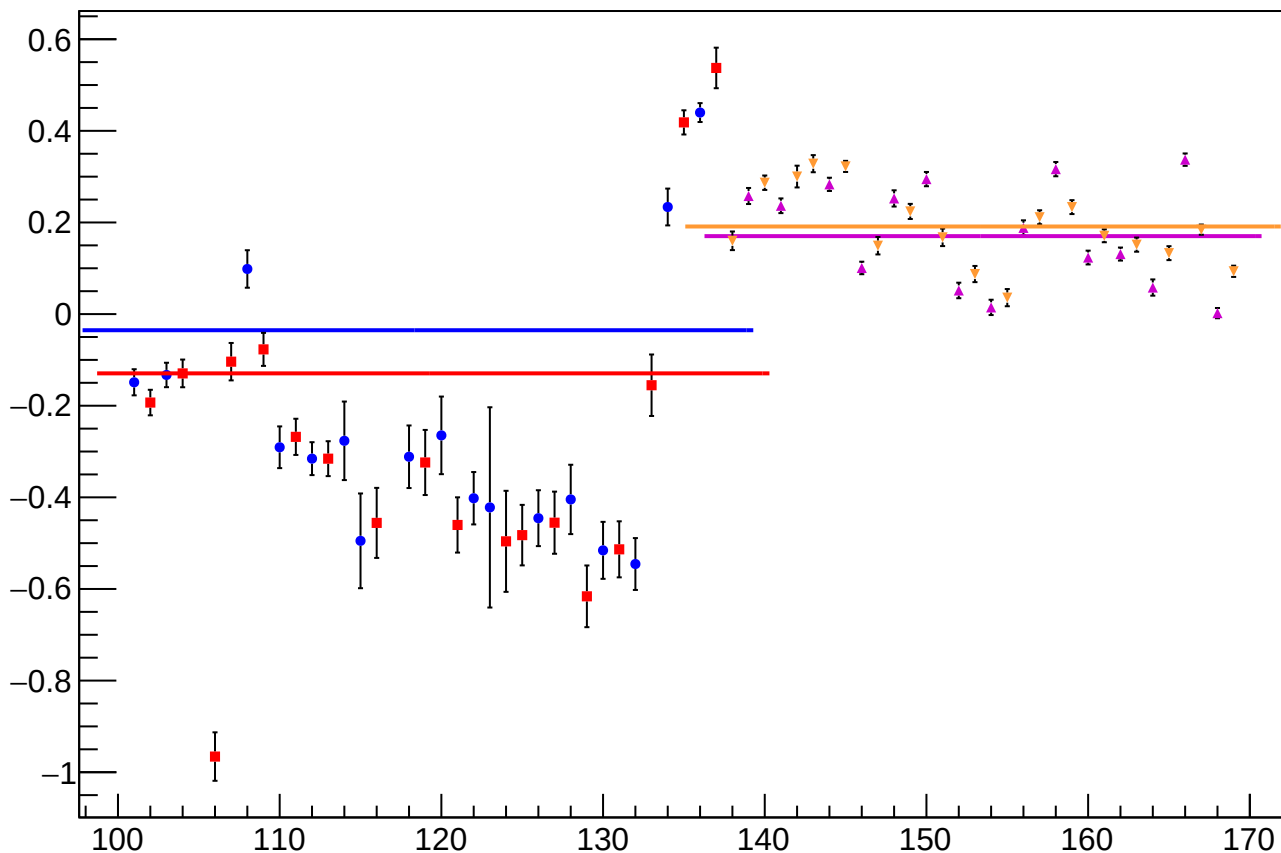
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.955 $\pm$ 0.077 χ^2 /NDF:10918.0/31

Out: 25.379 $\pm$ 0.074 χ^2 /NDF:11161.1/34

All: 25.174 $\pm$ 0.053 χ^2 /NDF: 22094.9/66

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: 0.191 ± 0.004 χ^2/NDF : 440.6/16

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.170 ± 0.004 χ^2/NDF : 873.5/14

Left: 0.181 ± 0.003 χ^2/NDF : 1329.0/31

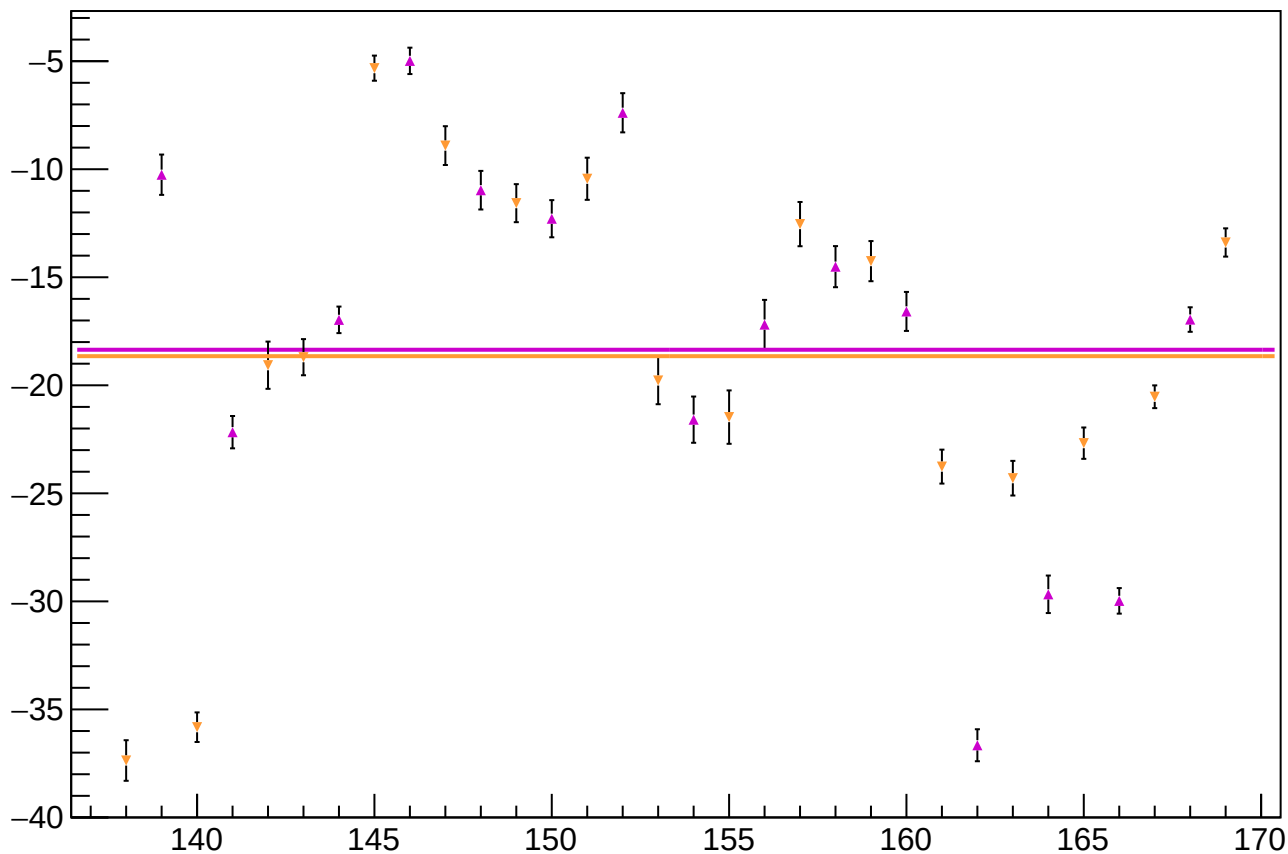
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.144 ± 0.004 χ^2/NDF : 2233.3/31

Out: 0.154 ± 0.004 χ^2/NDF : 2442.9/34

All: 0.149 ± 0.003 χ^2/NDF : 4679.6/66

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: -18.652+/-0.194 χ^2/NDF :2069.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.354+/-0.199 χ^2/NDF :2053.7/14

Left: -18.508+/-0.139 χ^2/NDF : 4123.9/31

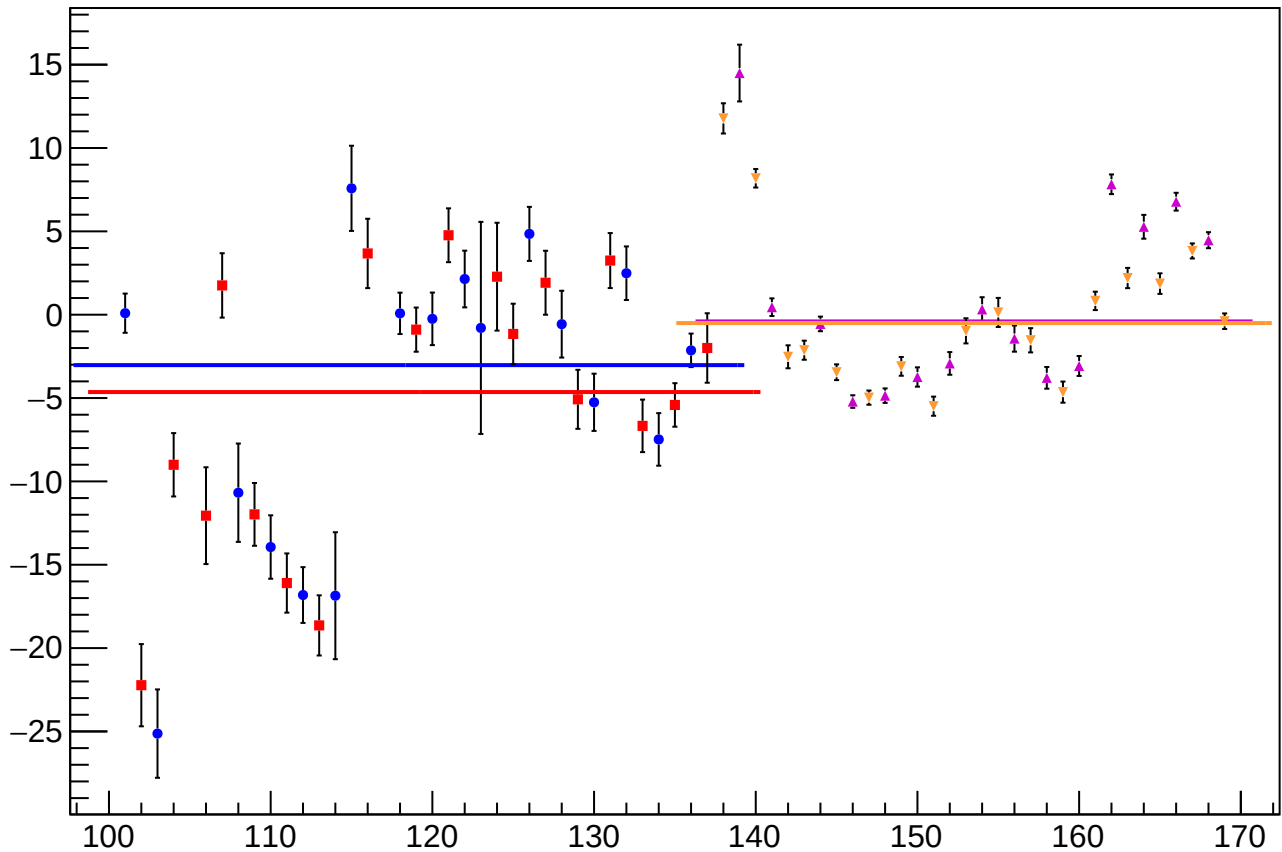
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.354+/-0.199 χ^2/NDF :2053.7/14

Out: -18.652+/-0.194 χ^2/NDF :2069.1/16

All: -18.508+/-0.139 χ^2/NDF : 4123.9/31

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -0.501 ± 0.140 χ^2/NDF : 868.7/16

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -0.402 ± 0.144 χ^2/NDF : 984.0/14

Left: -0.453 ± 0.100 χ^2/NDF : 1853.0/31

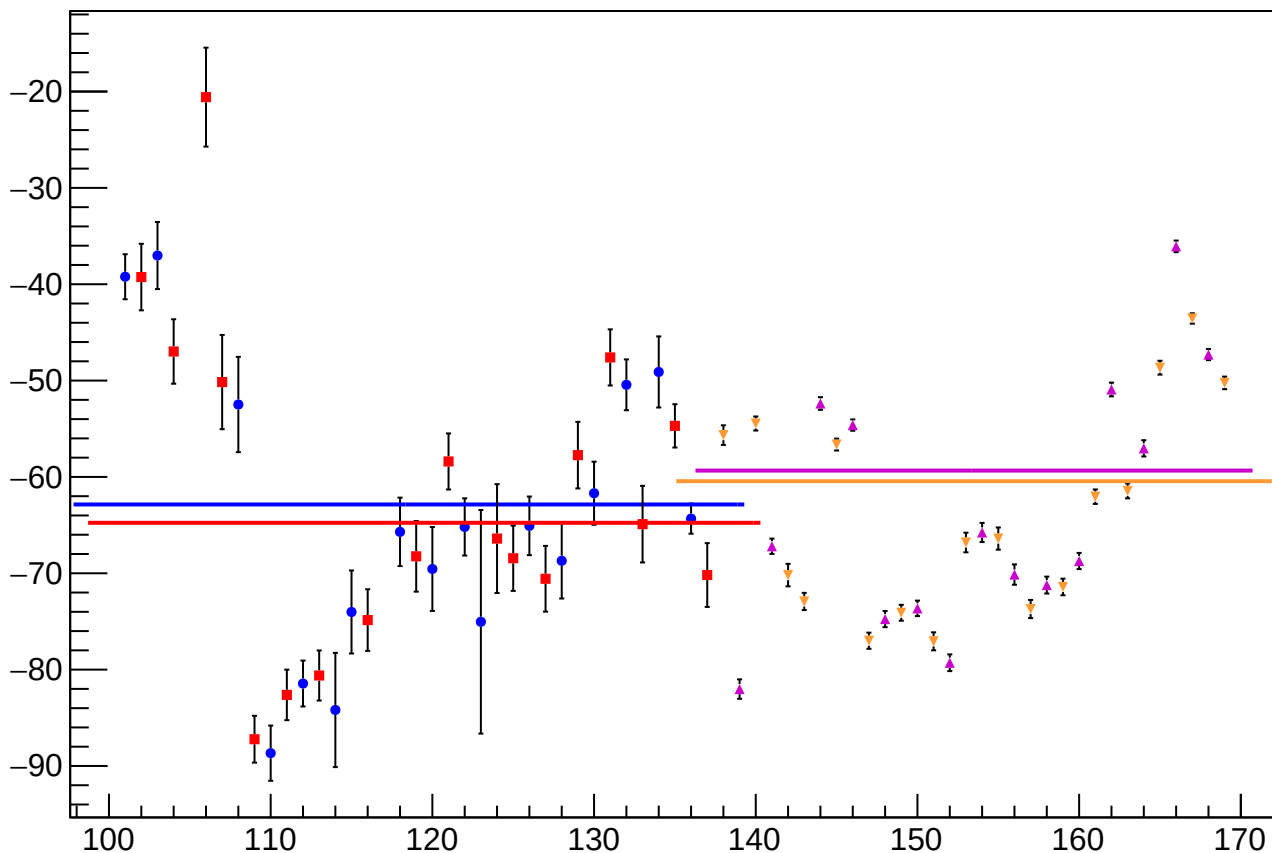
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -0.694 ± 0.136 χ^2/NDF : 1301.3/31

Out: -0.901 ± 0.133 χ^2/NDF : 1248.6/34

All: -0.801 ± 0.095 χ^2/NDF : 2551.1/66

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -60.441 ± 0.193 $\chi^2/\text{NDF}: 3299.6/16$

Right Out: -64.761 ± 0.753 $\chi^2/\text{NDF}: 416.1/17$

Left In: -59.341 ± 0.197 $\chi^2/\text{NDF}: 4494.5/14$

Left: -59.902 ± 0.138 $\chi^2/\text{NDF}: 7810.0/31$

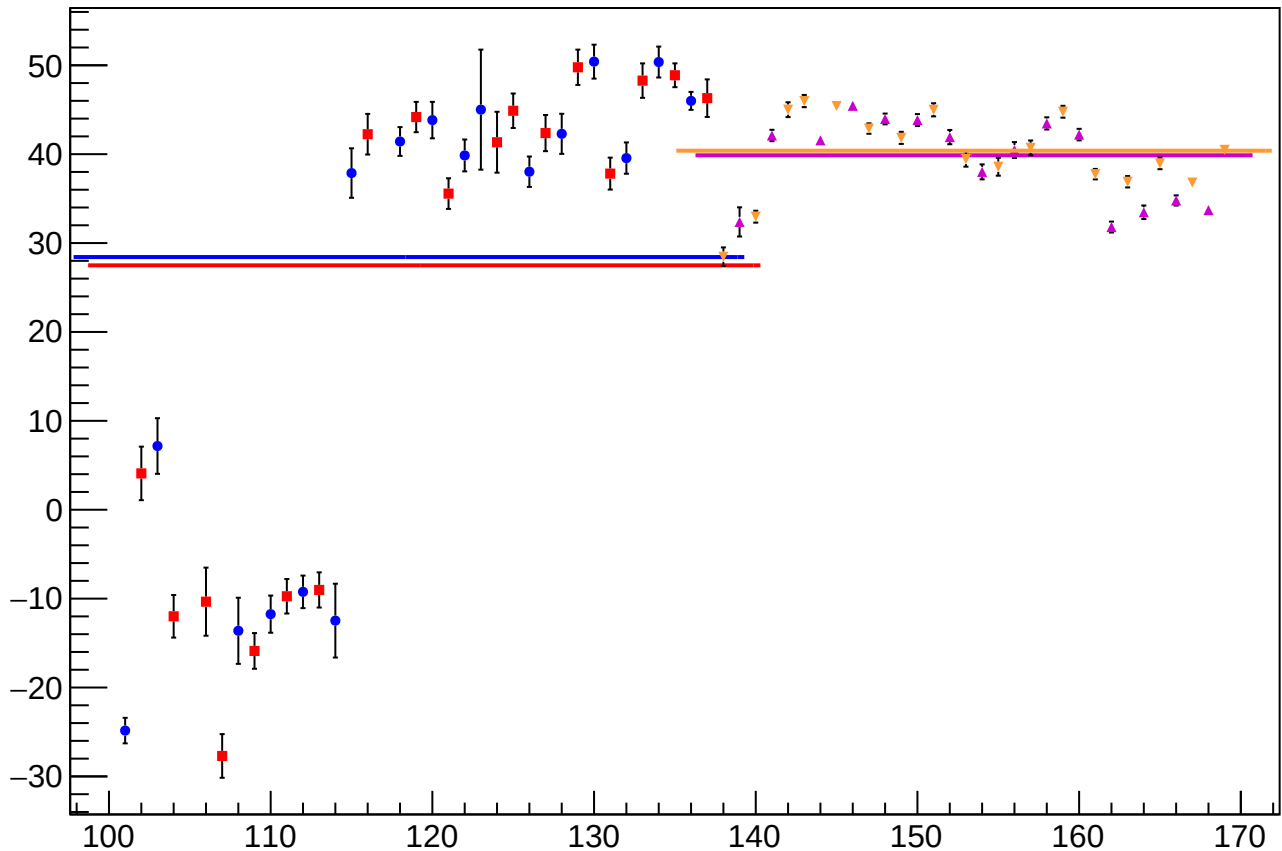
Right: -63.792 ± 0.527 $\chi^2/\text{NDF}: 787.1/34$

In: -59.574 ± 0.190 $\chi^2/\text{NDF}: 4883.3/31$

Out: -60.708 ± 0.187 $\chi^2/\text{NDF}: 3746.6/34$

All: -60.150 ± 0.133 $\chi^2/\text{NDF}: 8648.0/66$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 χ^2/NDF : 3322.4/16

Left Out: 40.392 ± 0.161 χ^2/NDF : 649.1/16

Right Out: 27.493 ± 0.479 χ^2/NDF : 3027.8/17

Left In: 39.876 ± 0.169 χ^2/NDF : 755.4/14

Left: 40.145 ± 0.117 χ^2/NDF : 1409.4/31

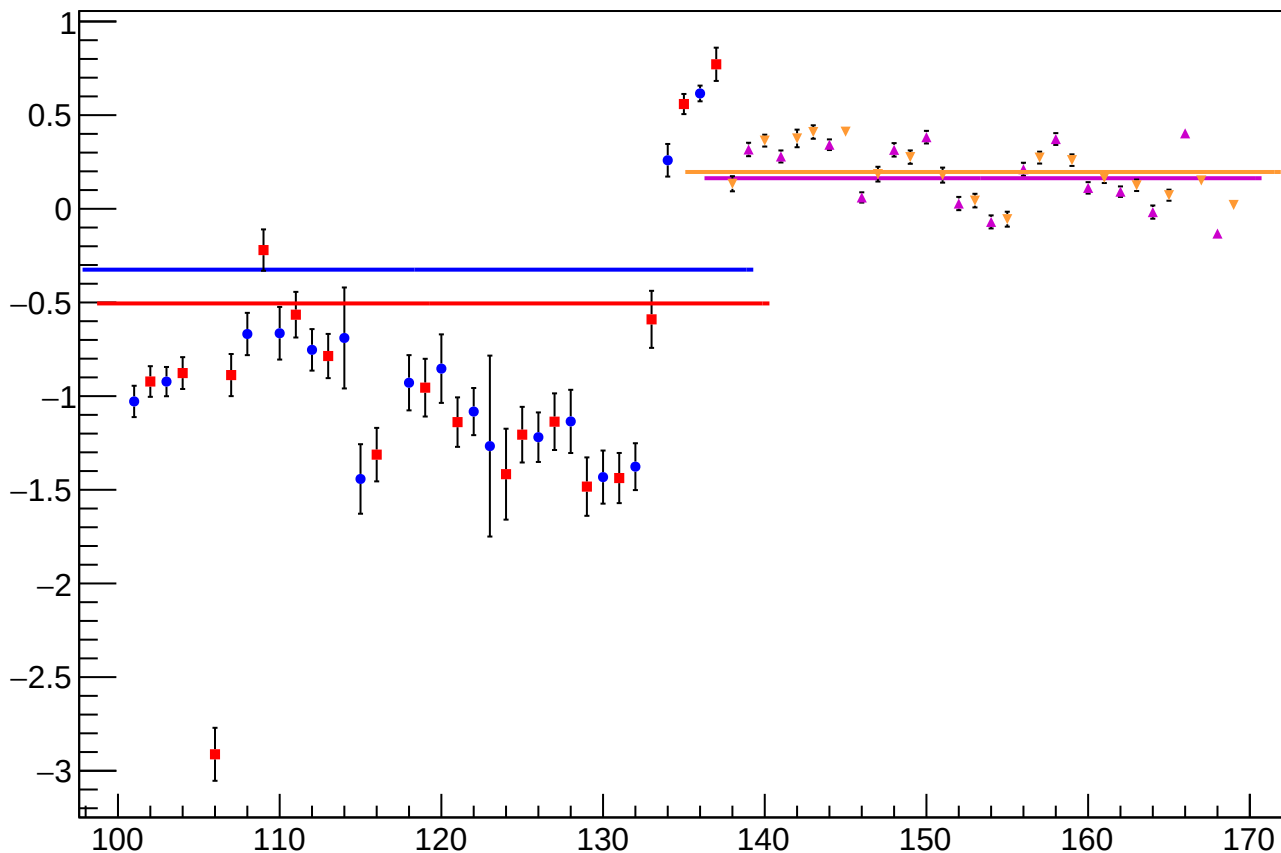
Right: 27.980 ± 0.331 χ^2/NDF : 6352.1/34

In: 38.508 ± 0.158 χ^2/NDF : 4628.7/31

Out: 39.074 ± 0.153 χ^2/NDF : 4328.7/34

All: 38.801 ± 0.110 χ^2/NDF : 8964.0/66

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: 0.197 ± 0.008 χ^2/NDF : 313.0/16

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.163 ± 0.008 χ^2/NDF : 552.0/14

Left: 0.181 ± 0.005 χ^2/NDF : 874.2/31

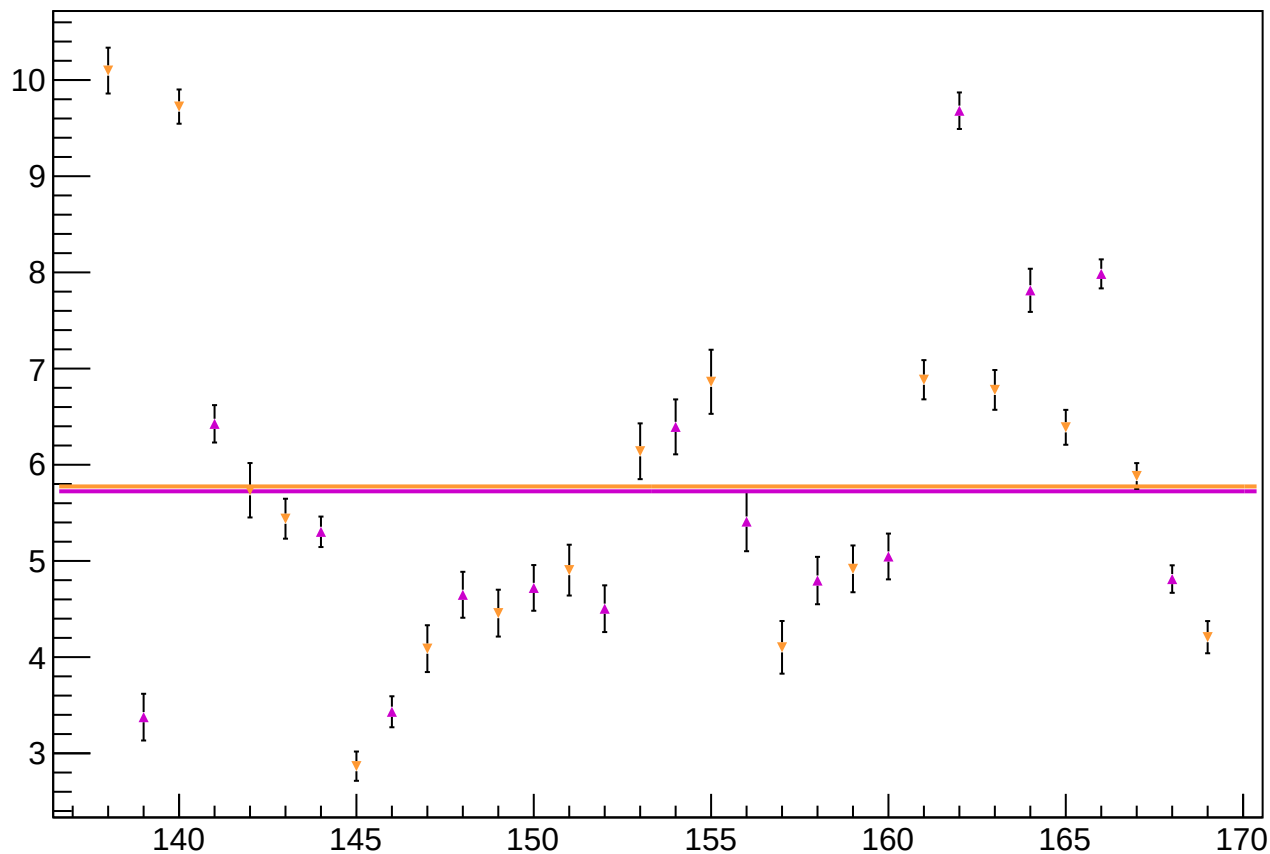
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.119 ± 0.008 χ^2/NDF : 1912.6/31

Out: 0.140 ± 0.007 χ^2/NDF : 2158.6/34

All: 0.130 ± 0.005 χ^2/NDF : 4075.4/66

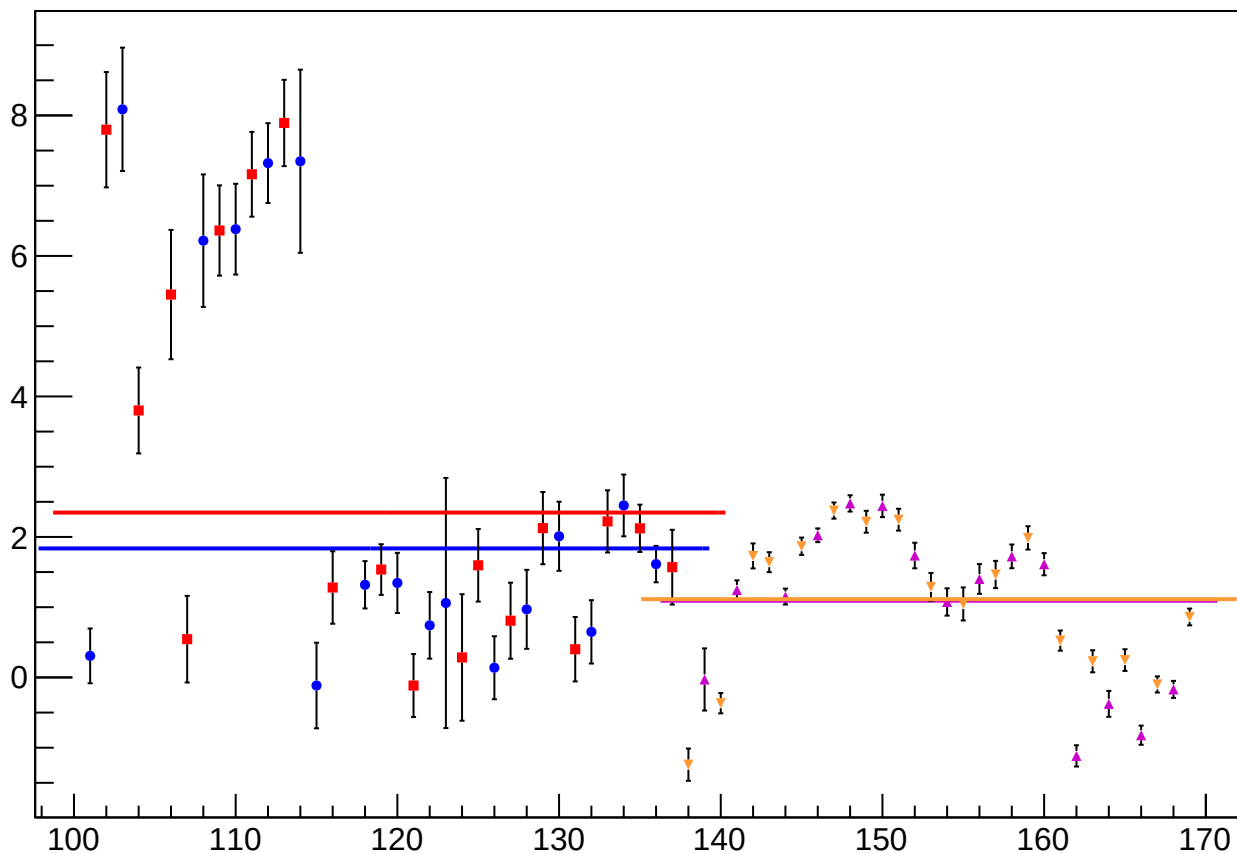
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.775+/-0.050 χ^2/NDF :1492.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.724+/-0.052 χ^2/NDF :1194.4/14

Left: 5.750+/-0.036 χ^2/NDF : 2687.1/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.724+/-0.052 χ^2/NDF :1194.4/14
 Out: 5.775+/-0.050 χ^2/NDF :1492.2/16
 All: 5.750+/-0.036 χ^2/NDF : 2687.1/31

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.114 ± 0.036 χ^2/NDF : 724.9/16

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.092 ± 0.038 χ^2/NDF : 933.8/14

Left: 1.104 ± 0.026 χ^2/NDF : 1658.9/31

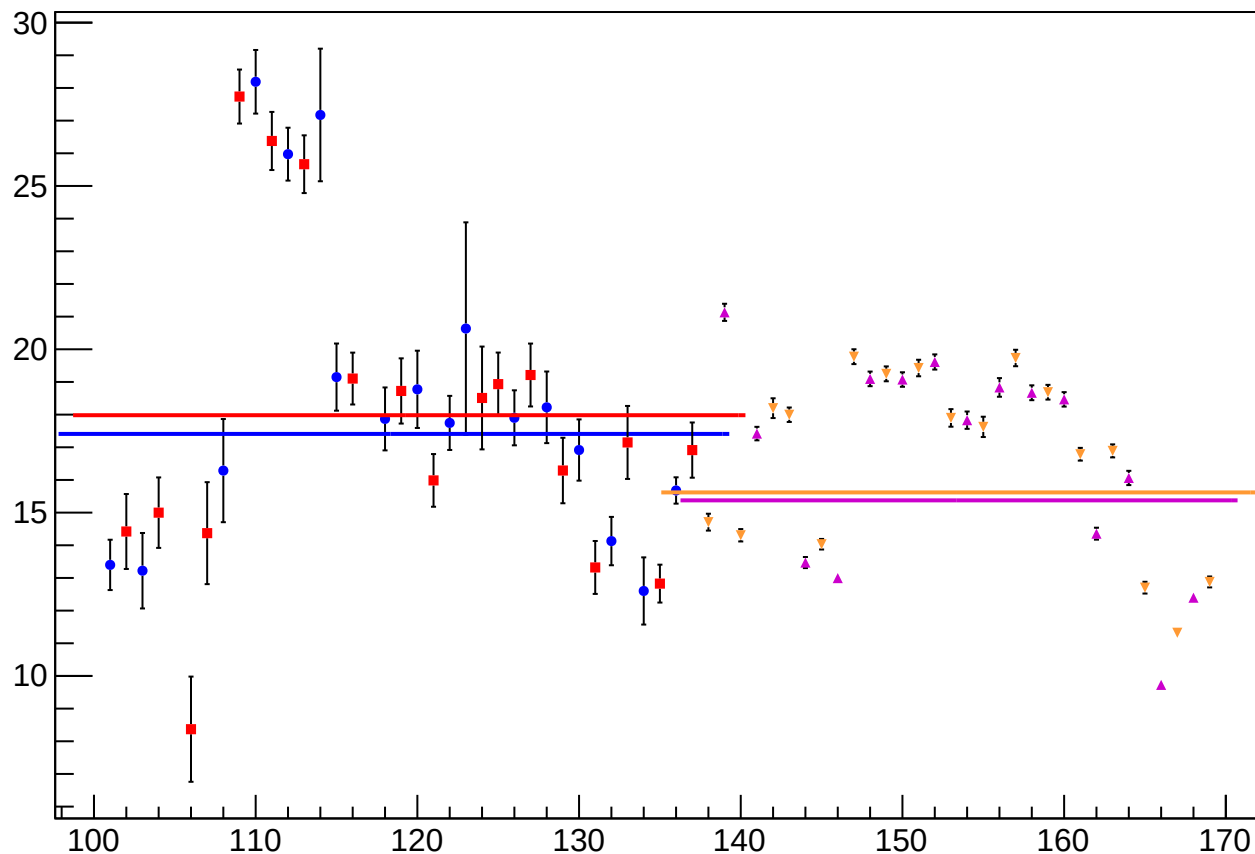
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.163 ± 0.036 χ^2/NDF : 1265.1/31

Out: 1.214 ± 0.035 χ^2/NDF : 1147.7/34

All: 1.189 ± 0.025 χ^2/NDF : 2413.8/66

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.618 $\pm$ 0.050 χ^2 /NDF:3310.1/16

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 15.375 $\pm$ 0.051 χ^2 /NDF:4278.6/14

Left: 15.499 $\pm$ 0.036 χ^2 /NDF: 7600.2/31

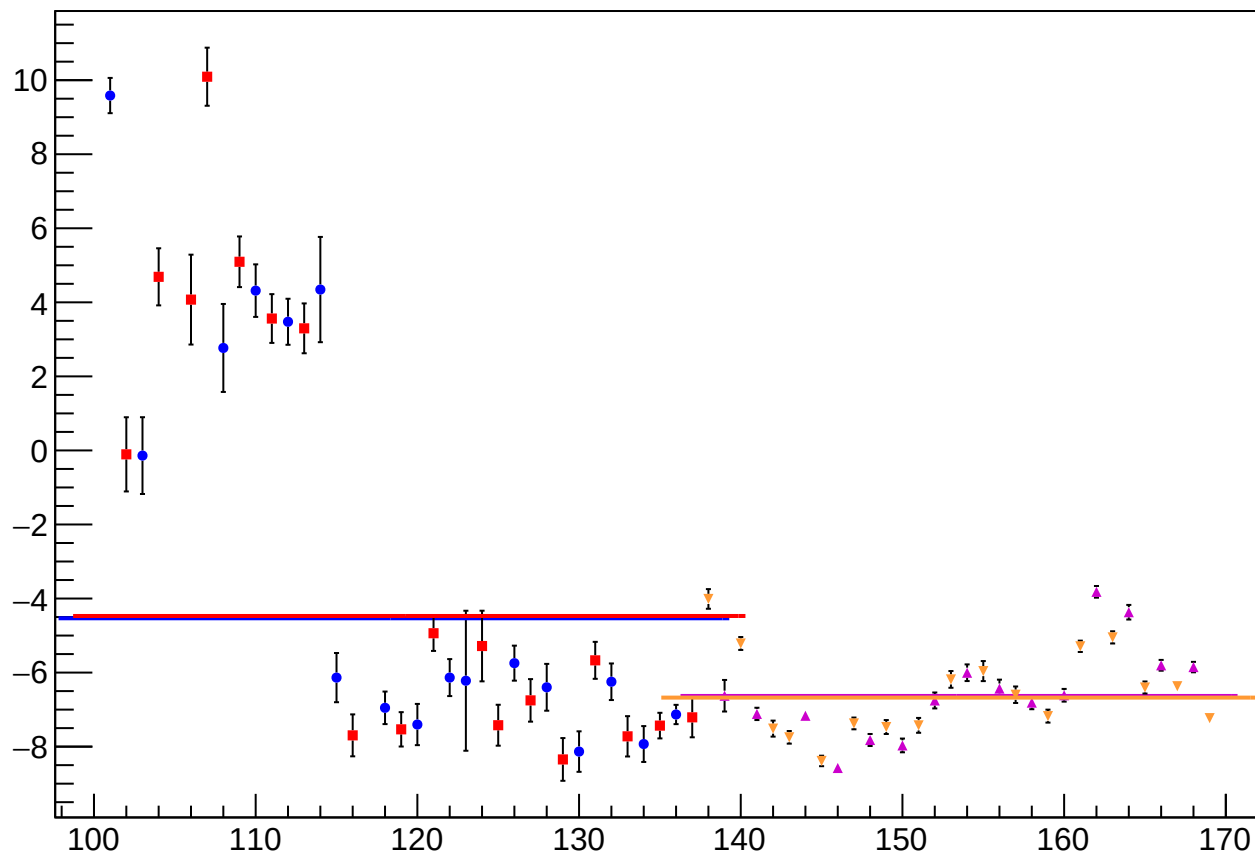
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.488 $\pm$ 0.050 χ^2 /NDF:4730.7/31

Out: 15.736 $\pm$ 0.049 χ^2 /NDF:3911.2/34

All: 15.614 $\pm$ 0.035 χ^2 /NDF: 8654.6/66

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: -6.676+/-0.042 χ^2/NDF : 646.3/16

Right Out: -4.471+/-0.137 χ^2/NDF : 1339.3/17

Left In: -6.631+/-0.044 χ^2/NDF : 897.0/14

Left: -6.655+/-0.030 χ^2/NDF : 1543.9/31

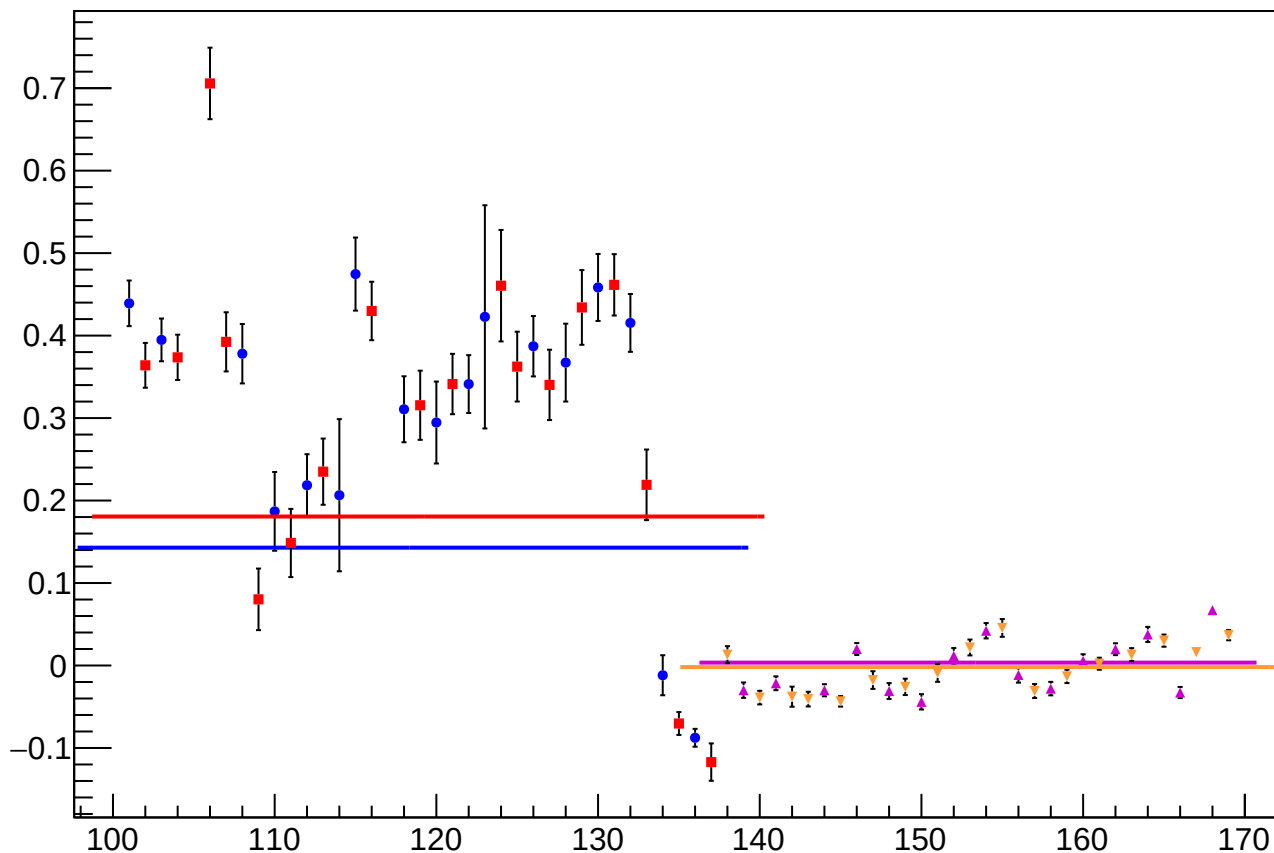
Right: -4.504+/-0.094 χ^2/NDF : 2927.8/34

In: -6.415+/-0.042 χ^2/NDF : 2720.2/31

Out: -6.486+/-0.040 χ^2/NDF : 2222.6/34

All: -6.452+/-0.029 χ^2/NDF : 4944.4/66

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.002 ± 0.002 $\chi^2/\text{NDF}: 212.8/16$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: 0.004 ± 0.002 $\chi^2/\text{NDF}: 304.3/14$

Left: 0.001 ± 0.001 $\chi^2/\text{NDF}: 520.8/31$

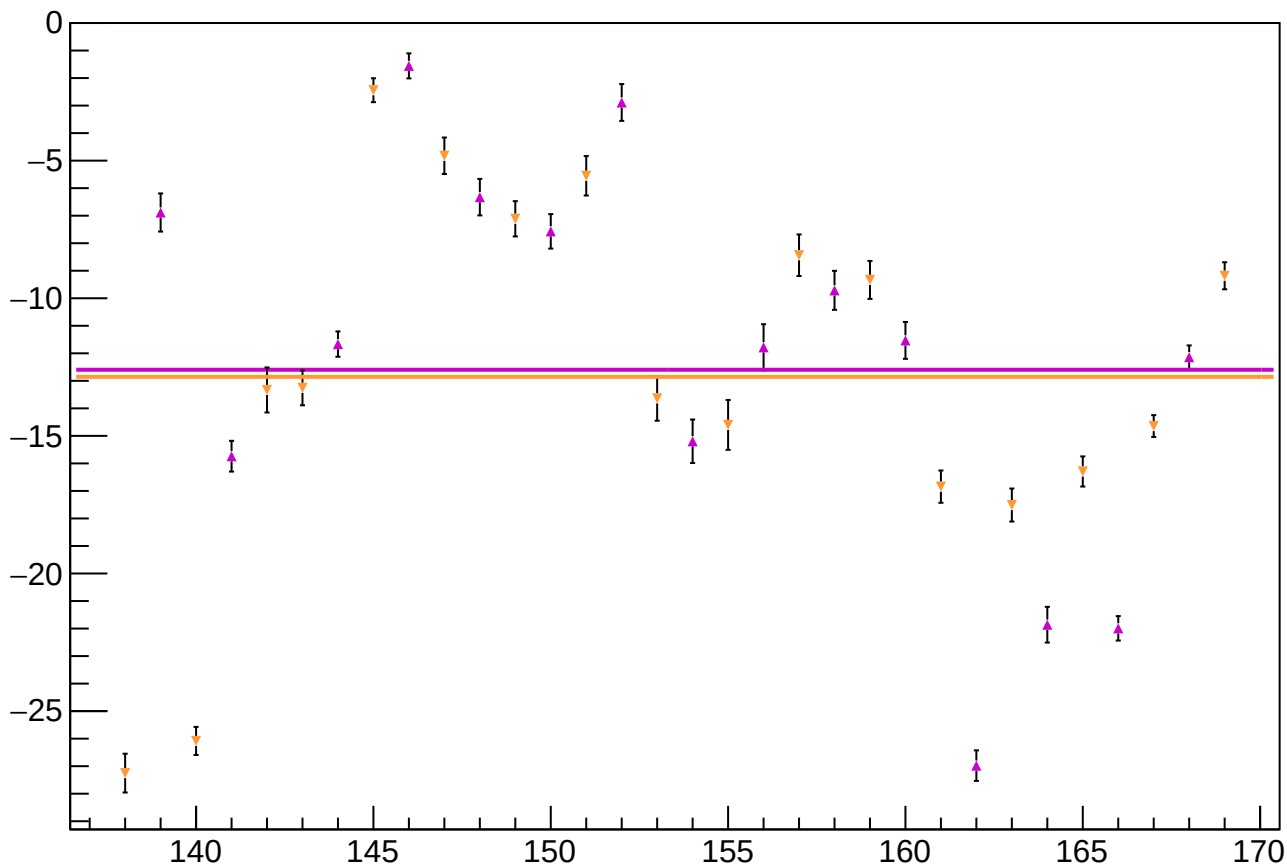
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.014 ± 0.002 $\chi^2/\text{NDF}: 1722.9/31$

Out: 0.010 ± 0.002 $\chi^2/\text{NDF}: 1784.3/34$

All: 0.012 ± 0.001 $\chi^2/\text{NDF}: 3509.5/66$

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: -12.855+/-0.144 χ^2/NDF :2282.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.597+/-0.149 χ^2/NDF :2410.5/14

Left: -12.730+/-0.104 χ^2/NDF : 4694.9/31

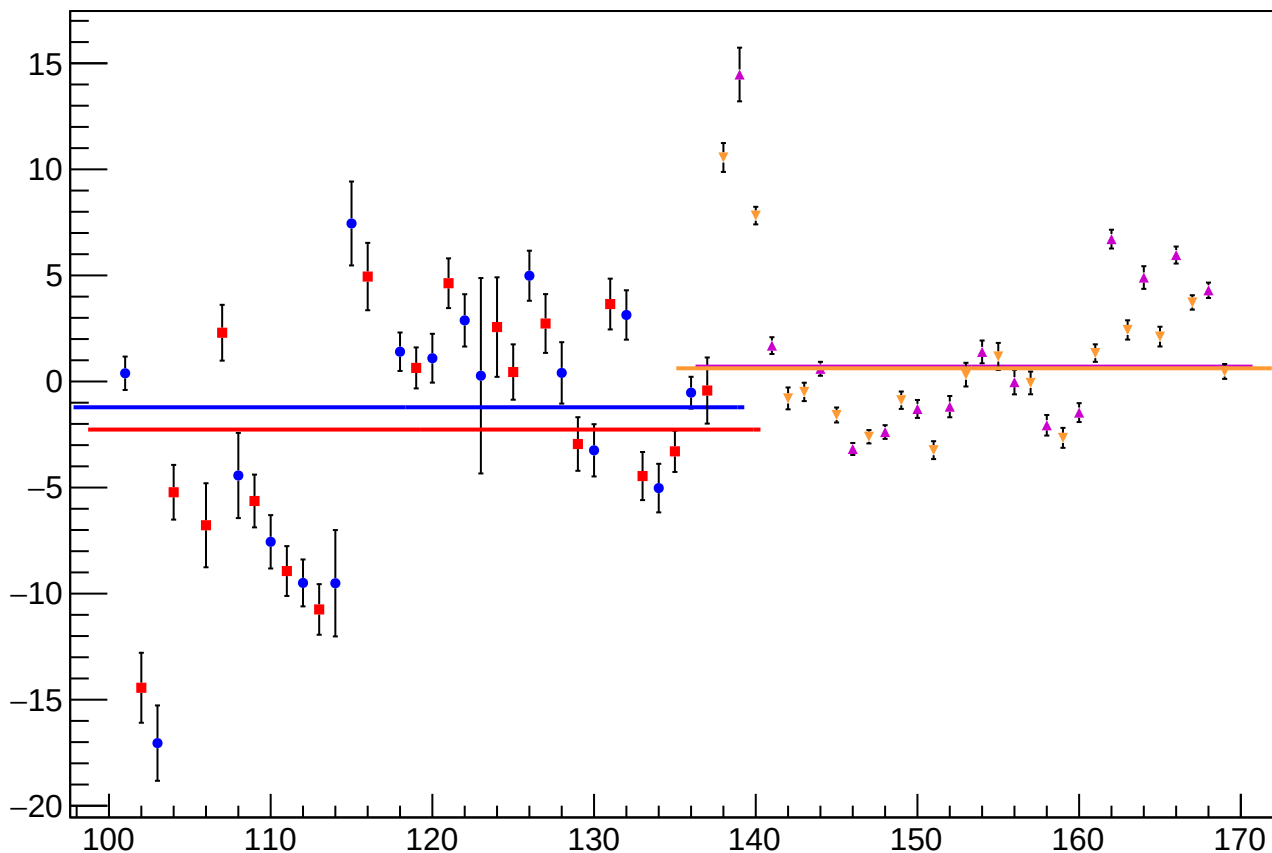
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.597+/-0.149 χ^2/NDF :2410.5/14

Out: -12.855+/-0.144 χ^2/NDF :2282.9/16

All: -12.730+/-0.104 χ^2/NDF : 4694.9/31

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: 0.621 ± 0.104 χ^2/NDF : 934.0/16

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 0.701 ± 0.108 χ^2/NDF : 1016.4/14

Left: 0.660 ± 0.075 χ^2/NDF : 1950.7/31

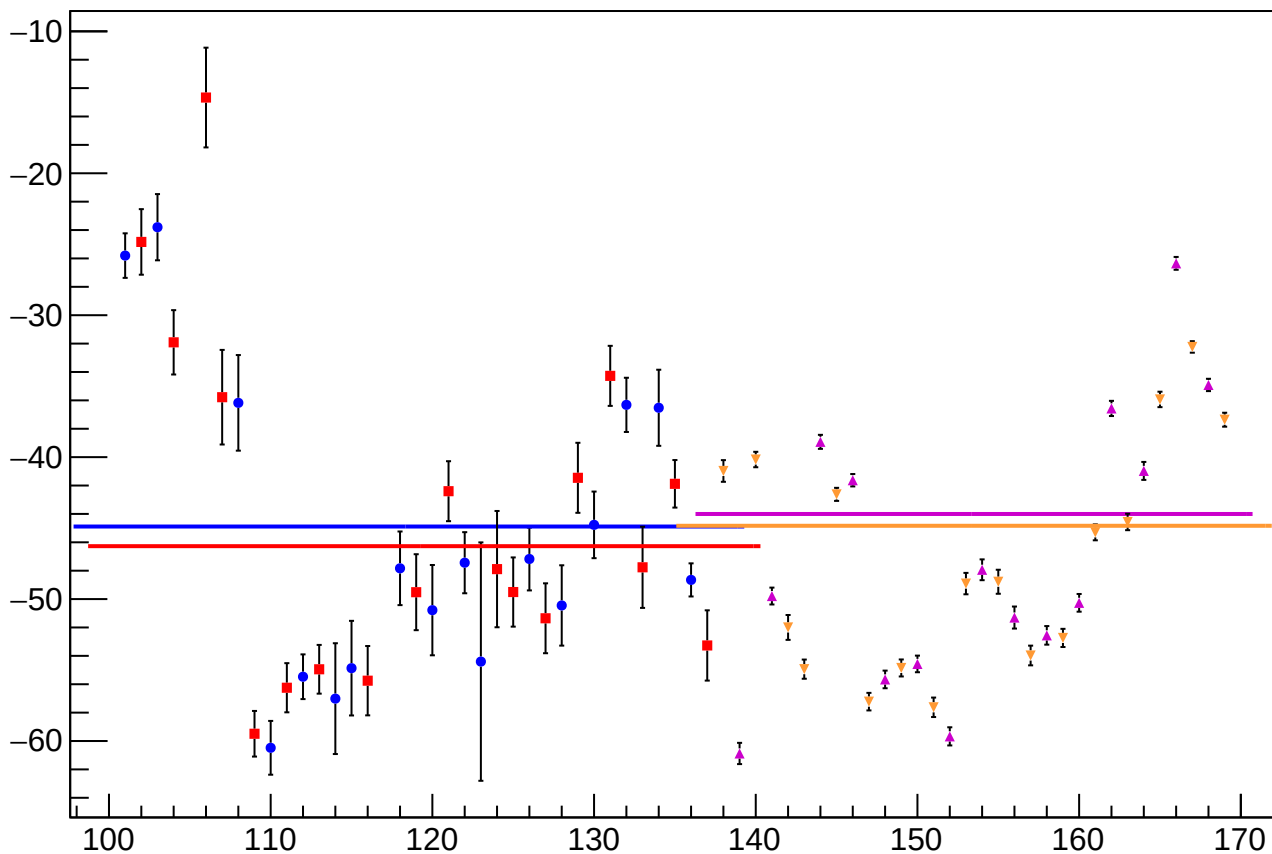
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.469 ± 0.101 χ^2/NDF : 1333.4/31

Out: 0.316 ± 0.098 χ^2/NDF : 1299.5/34

All: 0.390 ± 0.070 χ^2/NDF : 2634.0/66

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -44.836 ± 0.144 χ^2/NDF : 3282.3/16

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -44.004 ± 0.147 χ^2/NDF : 4579.7/14

Left: -44.428 ± 0.103 χ^2/NDF : 7878.4/31

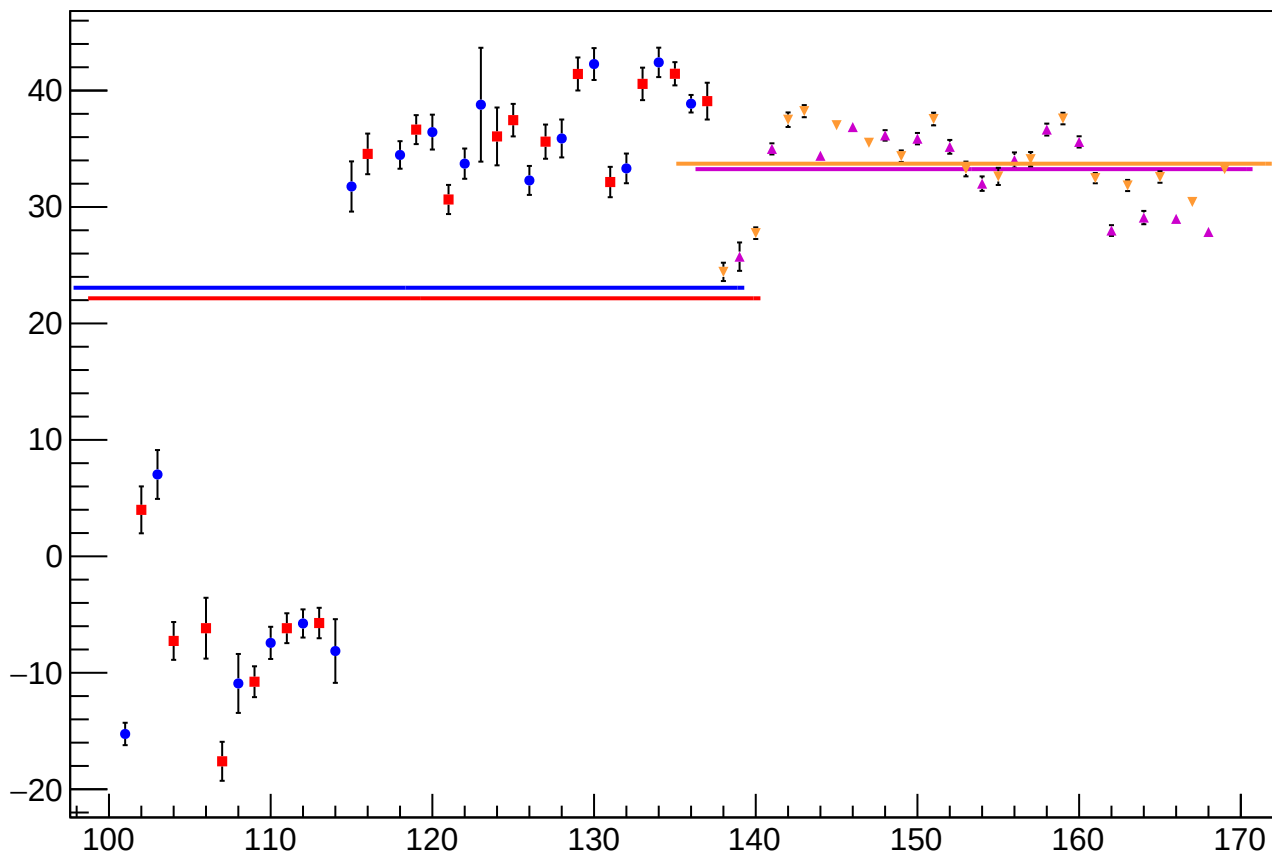
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -44.069 ± 0.141 χ^2/NDF : 5002.8/31

Out: -44.935 ± 0.139 χ^2/NDF : 3709.7/34

All: -44.509 ± 0.099 χ^2/NDF : 8731.7/66

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: 33.719 $\pm$ 0.120 χ^2 /NDF:699.0/16

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 33.250 $\pm$ 0.126 χ^2 /NDF:761.7/14

Left: 33.495 $\pm$ 0.087 χ^2 /NDF: 1468.0/31

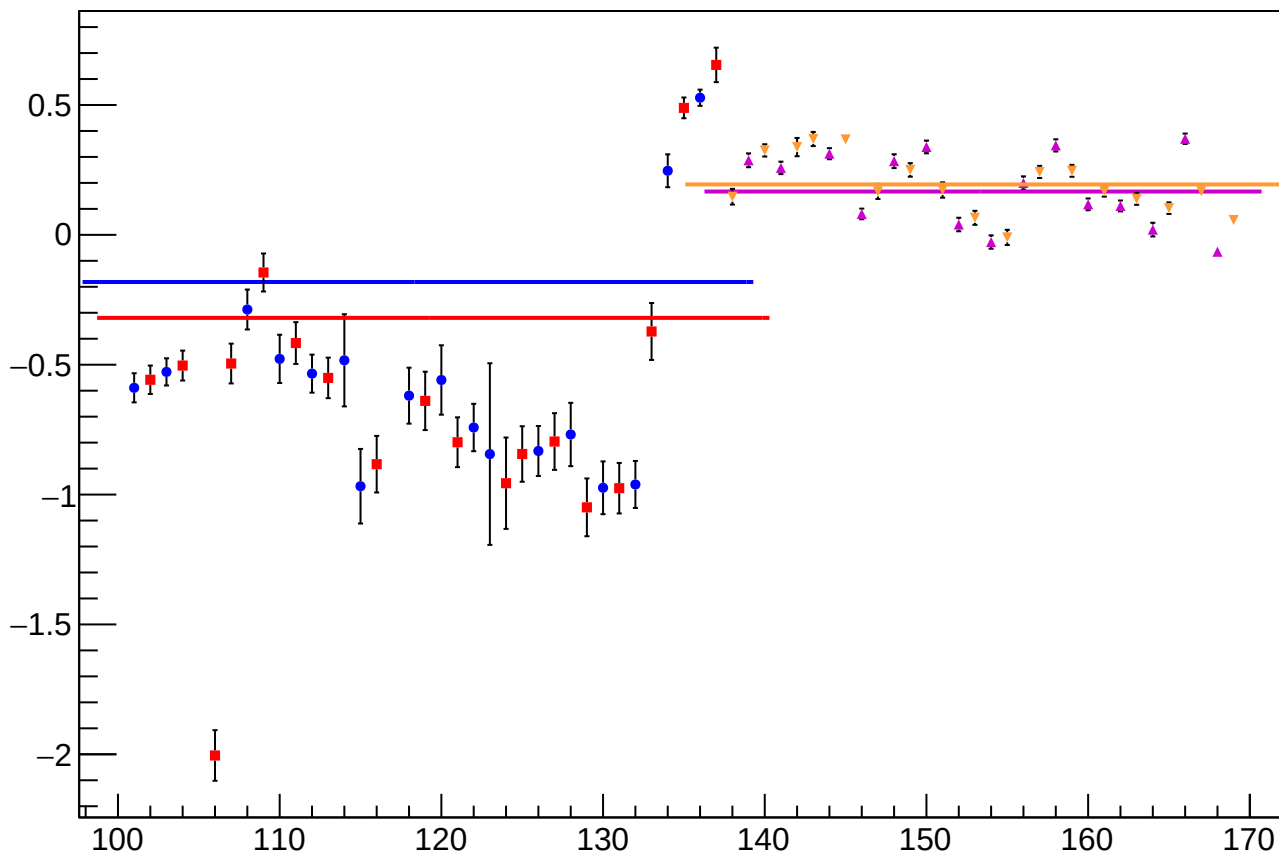
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 31.935 $\pm$ 0.117 χ^2 /NDF:5942.3/31

Out: 32.430 $\pm$ 0.114 χ^2 /NDF:5751.5/34

All: 32.191 $\pm$ 0.082 χ^2 /NDF: 11703.0/66

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: 0.194 ± 0.006 χ^2/NDF : 353.5/16

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.167 ± 0.006 χ^2/NDF : 653.3/14

Left: 0.181 ± 0.004 χ^2/NDF : 1018.0/31

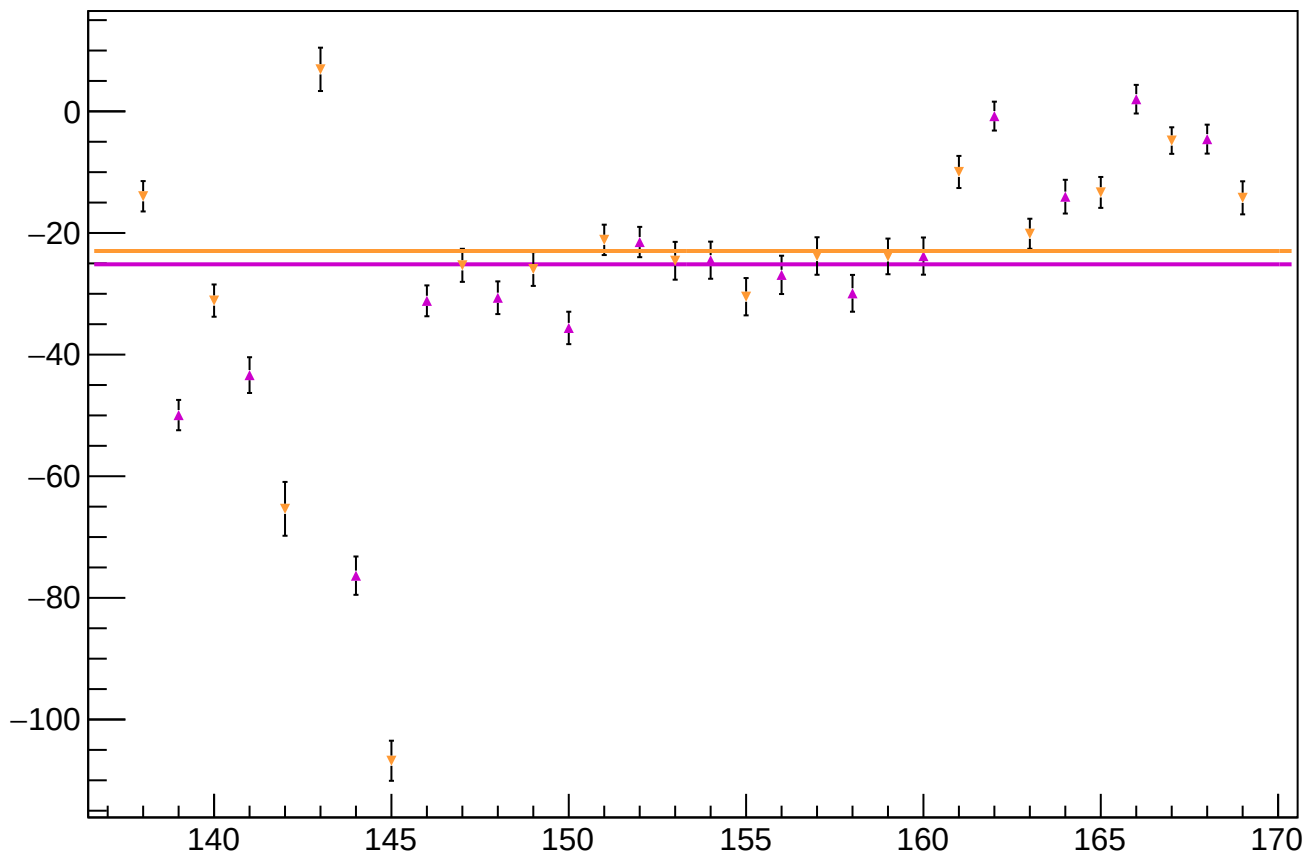
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.132 ± 0.006 χ^2/NDF : 1997.6/31

Out: 0.149 ± 0.005 χ^2/NDF : 2256.4/34

All: 0.141 ± 0.004 χ^2/NDF : 4258.5/66

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



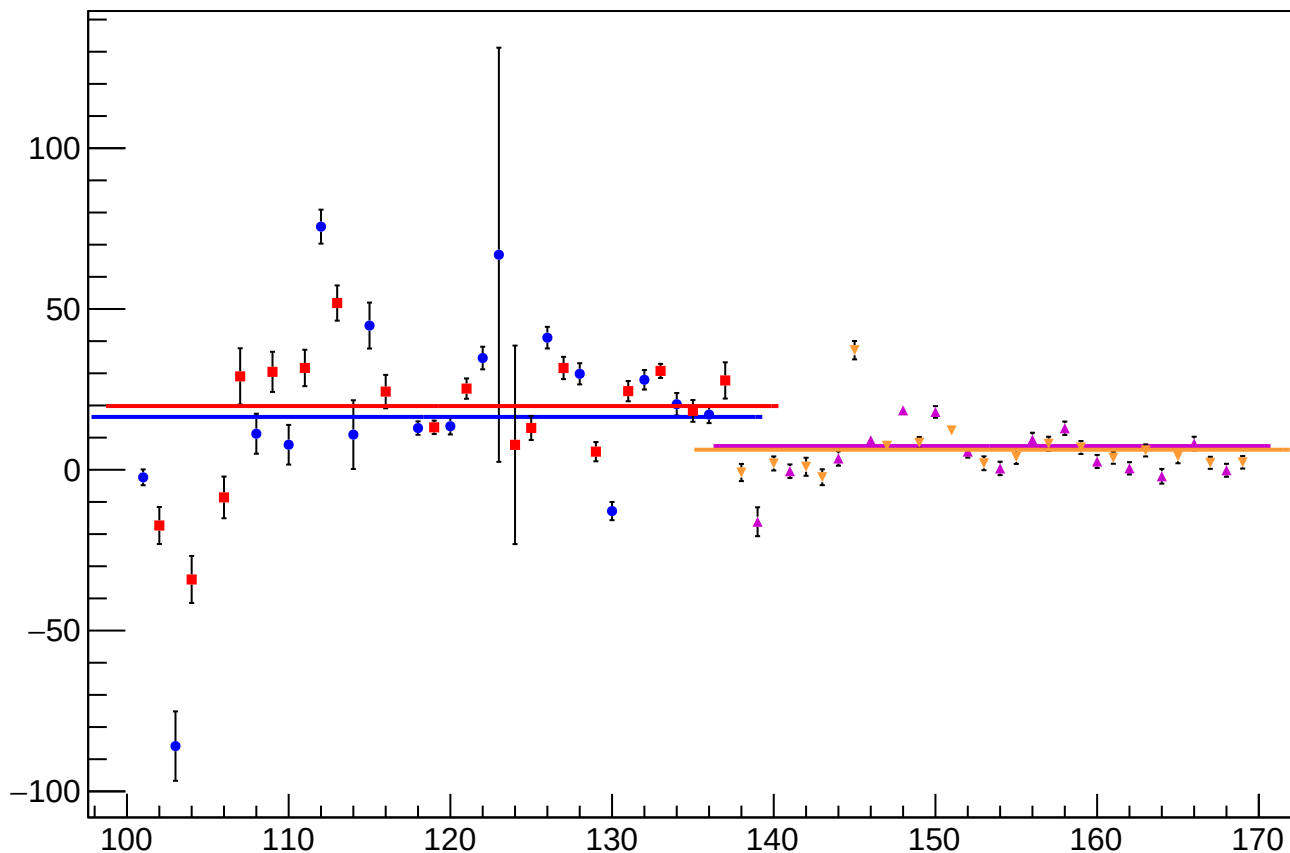
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -22.963 ± 0.676 χ^2/NDF : 959.1/16
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -25.152 ± 0.697 χ^2/NDF : 760.5/14

Left: -24.025 ± 0.485 χ^2/NDF : 1724.8/31
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -25.152 ± 0.697 χ^2/NDF : 760.5/14
 Out: -22.963 ± 0.676 χ^2/NDF : 959.1/16

All: -24.025 ± 0.485 χ^2/NDF : 1724.8/31

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: 6.241 ± 0.478 $\chi^2/\text{NDF}: 181.1/16$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 7.378 ± 0.504 $\chi^2/\text{NDF}: 221.4/14$

Left: 6.780 ± 0.347 $\chi^2/\text{NDF}: 405.2/31$

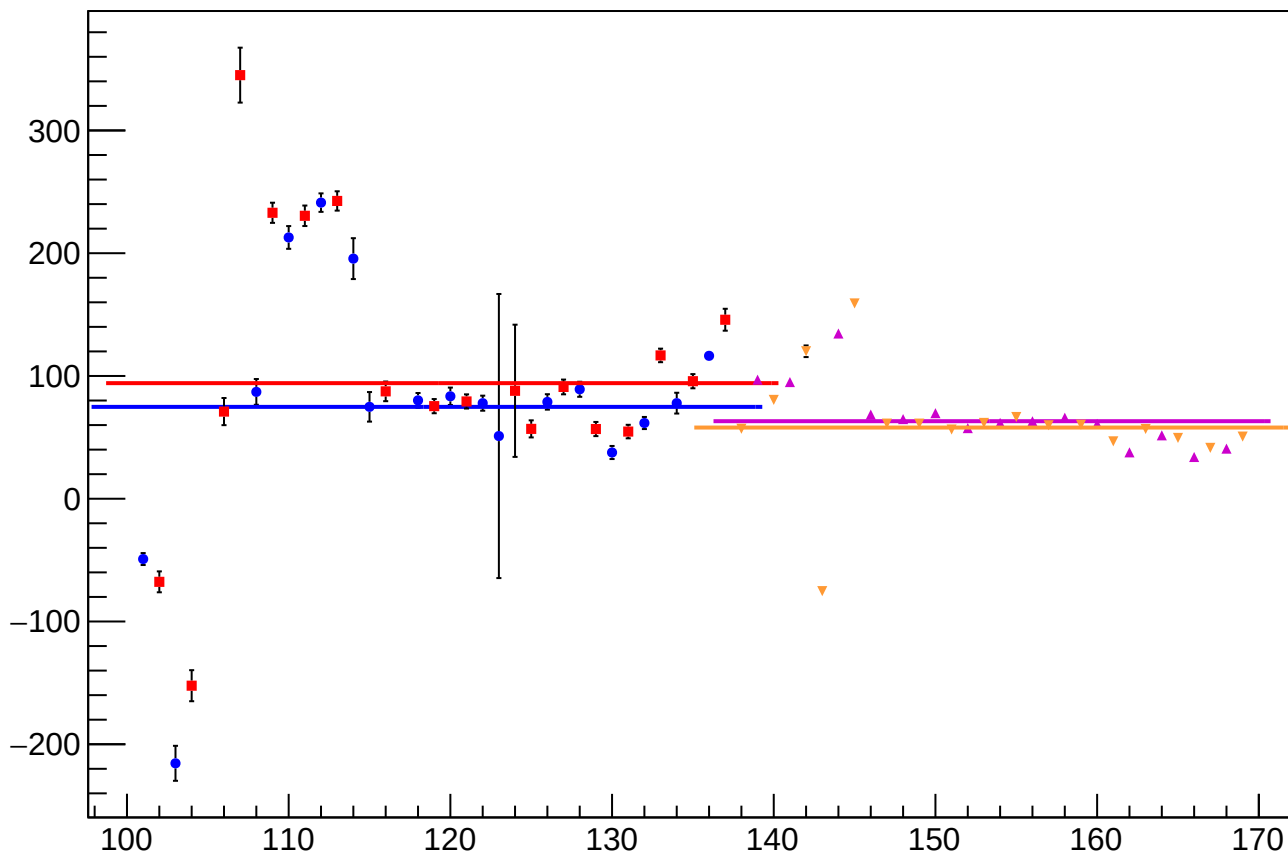
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 9.741 ± 0.433 $\chi^2/\text{NDF}: 822.7/31$

Out: 9.230 ± 0.422 $\chi^2/\text{NDF}: 597.2/34$

All: 9.479 ± 0.302 $\chi^2/\text{NDF}: 1420.6/66$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 57.985+/-0.664 χ^2/NDF : 2444.9/16

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 63.167+/-0.681 χ^2/NDF : 1105.0/14

Left: 60.513+/-0.475 χ^2/NDF : 3579.5/31

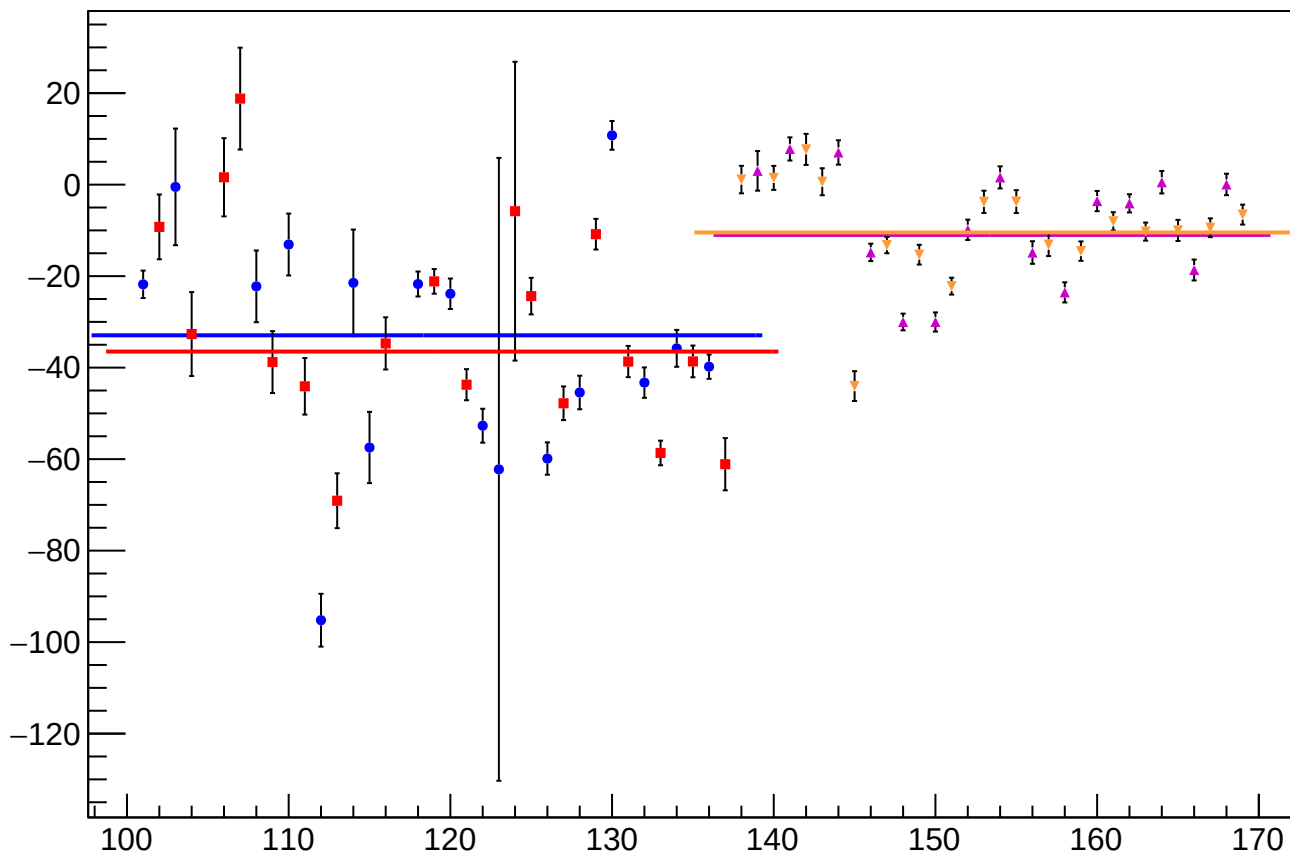
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 64.882+/-0.629 χ^2/NDF : 3144.9/31

Out: 62.682+/-0.620 χ^2/NDF : 4798.8/34

All: 63.766+/-0.441 χ^2/NDF : 7950.0/66

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.447 ± 0.557 χ^2/NDF : 256.8/16

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -10.992 ± 0.588 χ^2/NDF : 447.8/14

Left: -10.705 ± 0.404 χ^2/NDF : 705.1/31

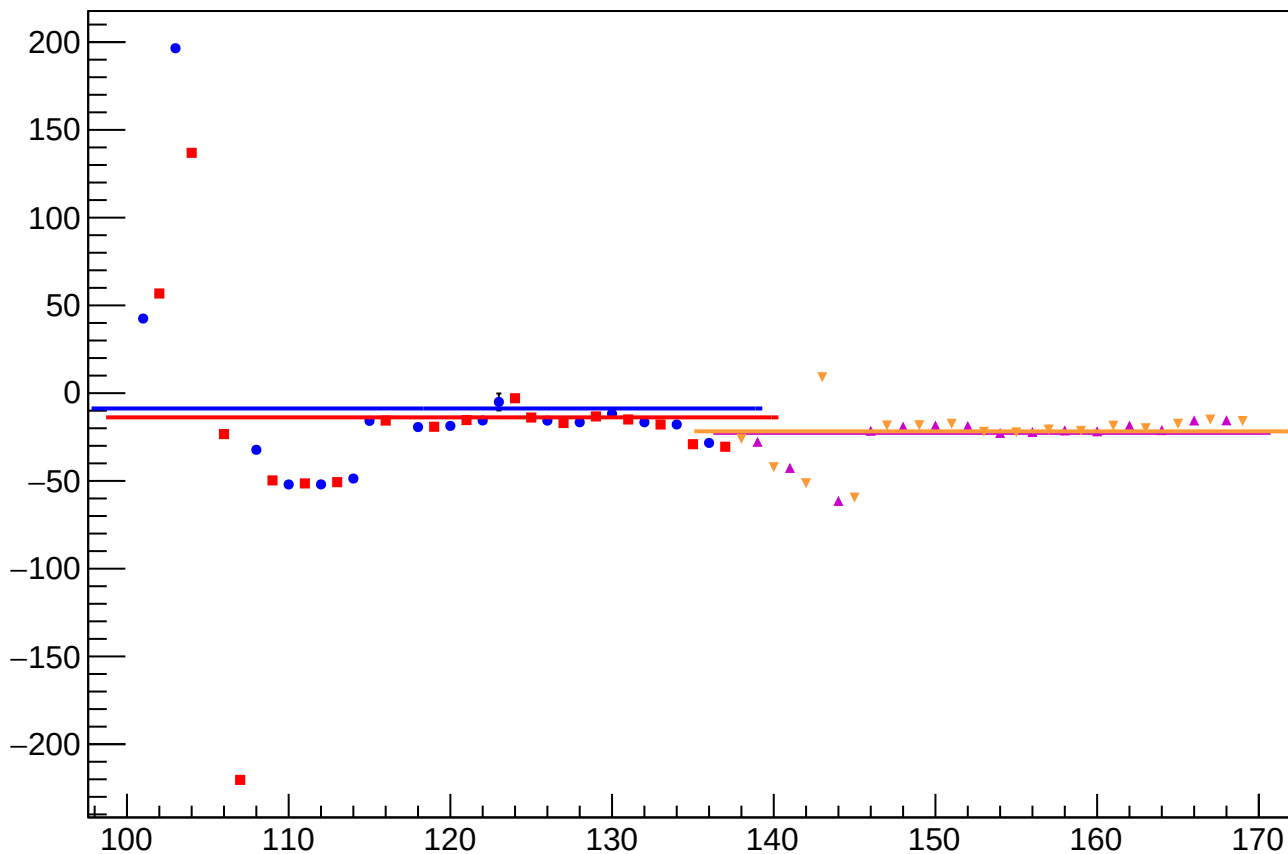
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -16.852 ± 0.503 χ^2/NDF : 1311.1/31

Out: -16.362 ± 0.489 χ^2/NDF : 1047.3/34

All: -16.600 ± 0.351 χ^2/NDF : 2358.8/66

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -21.759 ± 0.026 χ^2/NDF : 187937.8/16

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -22.612 ± 0.027 χ^2/NDF : 114435.7/14

Left: -22.174 ± 0.019 χ^2/NDF : 302895.2/31

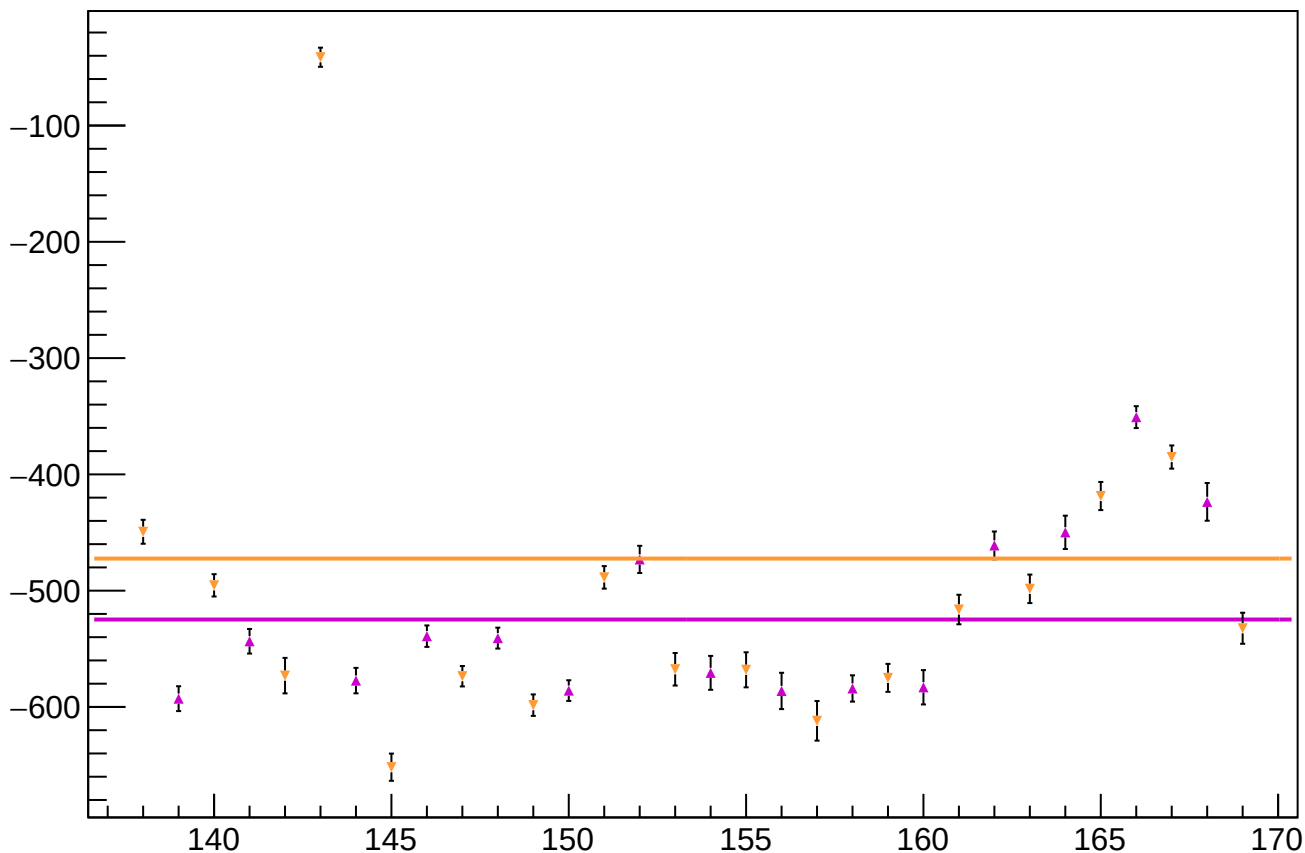
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -20.230 ± 0.024 χ^2/NDF : 736394.4/31

Out: -20.566 ± 0.024 χ^2/NDF : 751308.9/34

All: -20.400 ± 0.017 χ^2/NDF : 1487799.5/66

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -472.381+/-2.699 χ^2/NDF :3718.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -524.810+/-2.908 χ^2/NDF :644.5/14

Left: -496.651+/-1.978 χ^2/NDF : 4537.3/31

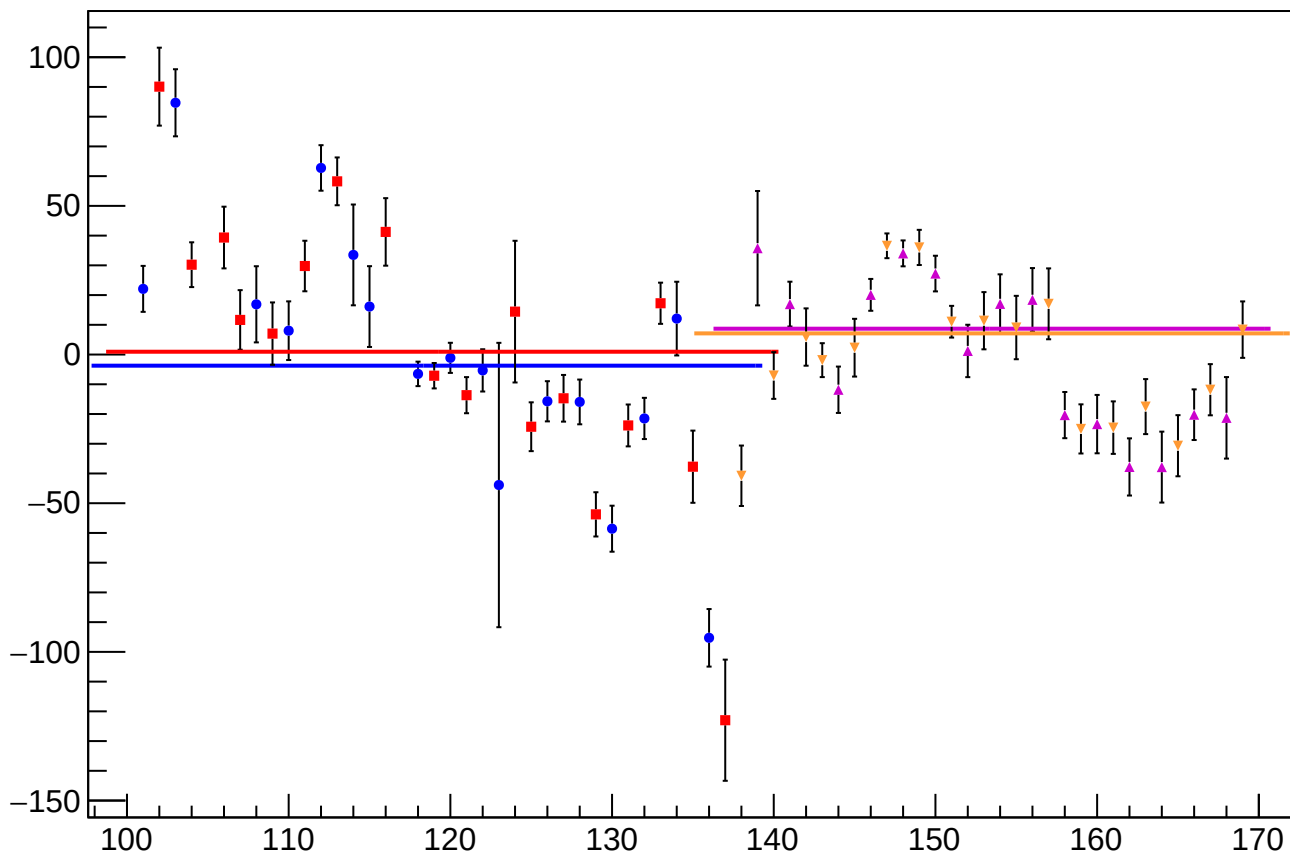
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -524.810+/-2.908 χ^2/NDF :644.5/14

Out: -472.381+/-2.699 χ^2/NDF :3718.2/16

All: -496.651+/-1.978 χ^2/NDF : 4537.3/31

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 7.117 ± 1.828 χ^2/NDF : 157.1/16

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 8.692 ± 2.009 χ^2/NDF : 139.9/14

Left: 7.831 ± 1.352 χ^2/NDF : 297.4/31

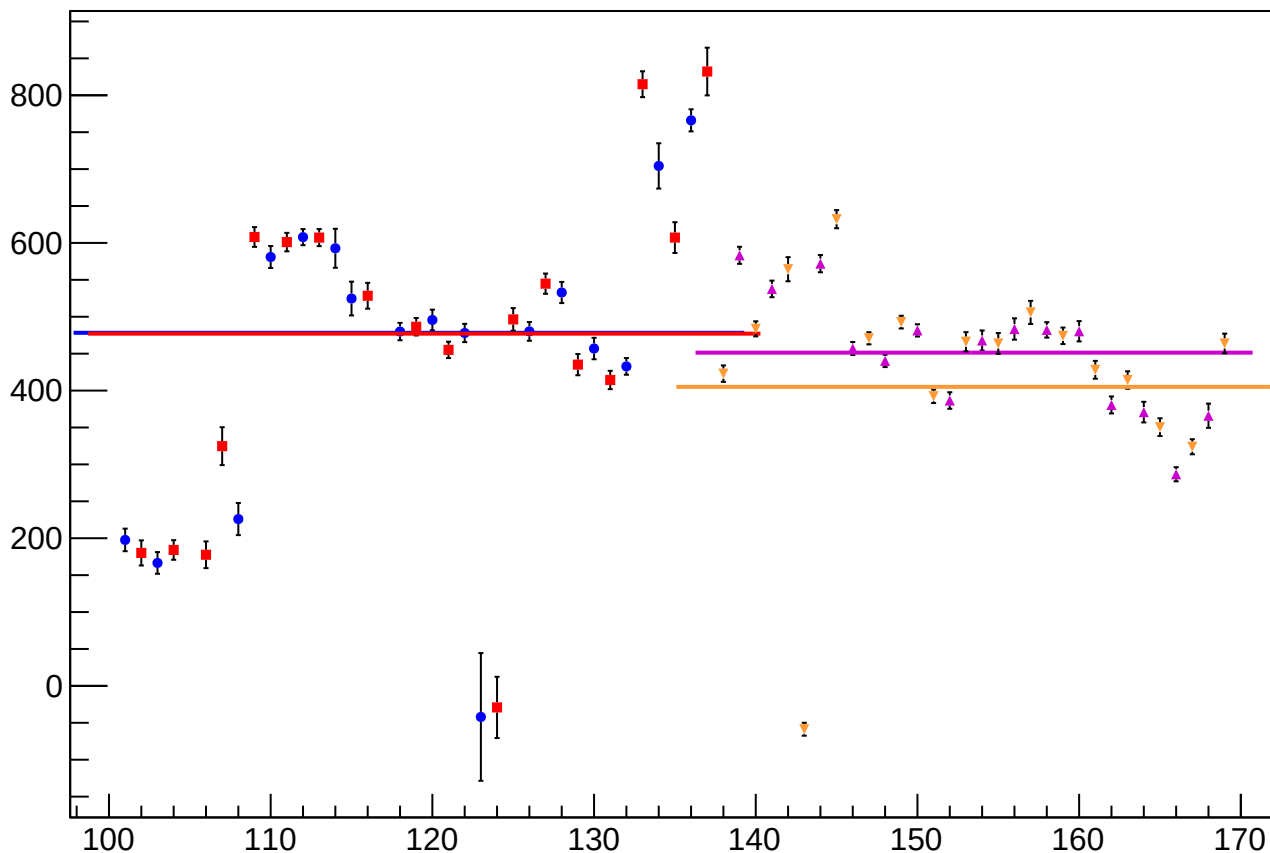
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.103 ± 1.377 χ^2/NDF : 474.3/31

Out: 4.182 ± 1.323 χ^2/NDF : 456.2/34

All: 3.184 ± 0.954 χ^2/NDF : 931.7/66

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 405.039+/-2.671 χ^2/NDF : 3687.7/16

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 451.399+/-2.840 χ^2/NDF : 756.7/14

Left: 426.801+/-1.946 χ^2/NDF : 4585.9/31

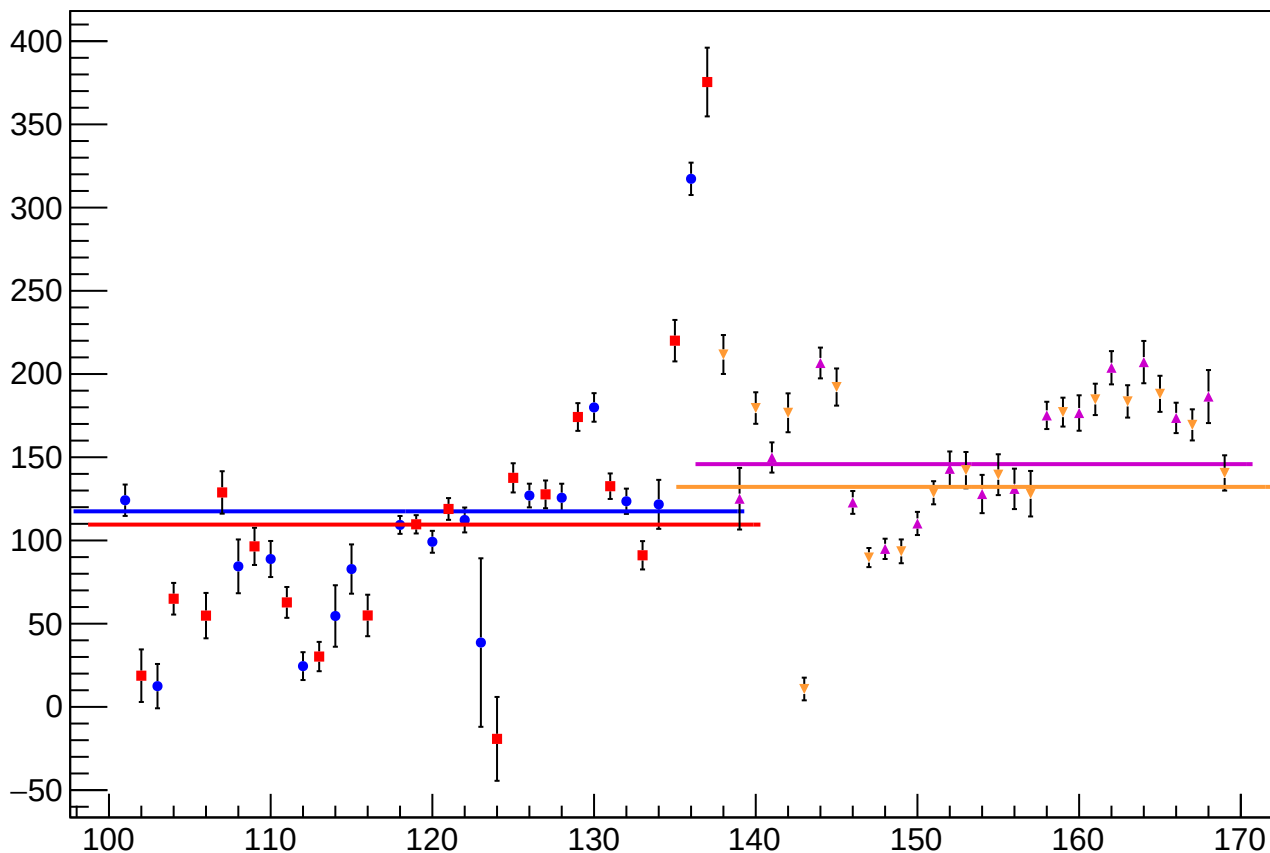
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 461.570+/-2.238 χ^2/NDF : 2418.6/31

Out: 431.167+/-2.132 χ^2/NDF : 6127.4/34

All: 445.631+/-1.544 χ^2/NDF : 8642.7/66

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 χ^2/NDF : 705.9/16

Left Out: 132.192 ± 2.181 χ^2/NDF : 646.5/16

Right Out: 109.536 ± 2.208 χ^2/NDF : 562.2/17

Left In: 145.858 ± 2.390 χ^2/NDF : 249.6/14

Left: 138.400 ± 1.611 χ^2/NDF : 914.0/31

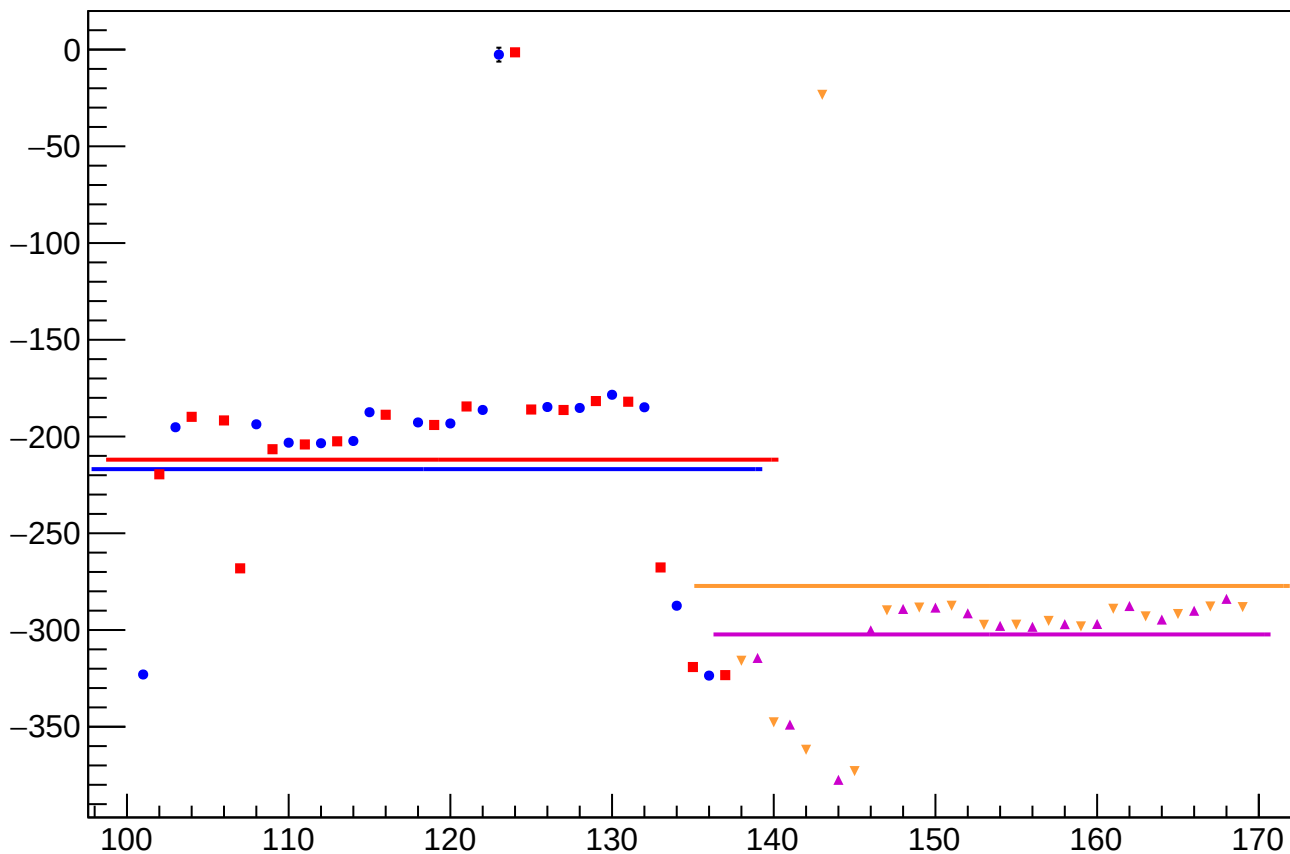
Right: 113.538 ± 1.558 χ^2/NDF : 1274.7/34

In: 130.491 ± 1.618 χ^2/NDF : 1031.8/31

Out: 121.006 ± 1.552 χ^2/NDF : 1262.0/34

All: 125.551 ± 1.120 χ^2/NDF : 2311.8/66

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -277.229 ± 0.107 $\chi^2/\text{NDF}: 621105.0/16$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -302.289 ± 0.114 $\chi^2/\text{NDF}: 39734.8/14$

Left: -289.006 ± 0.078 $\chi^2/\text{NDF}: 686449.1/31$

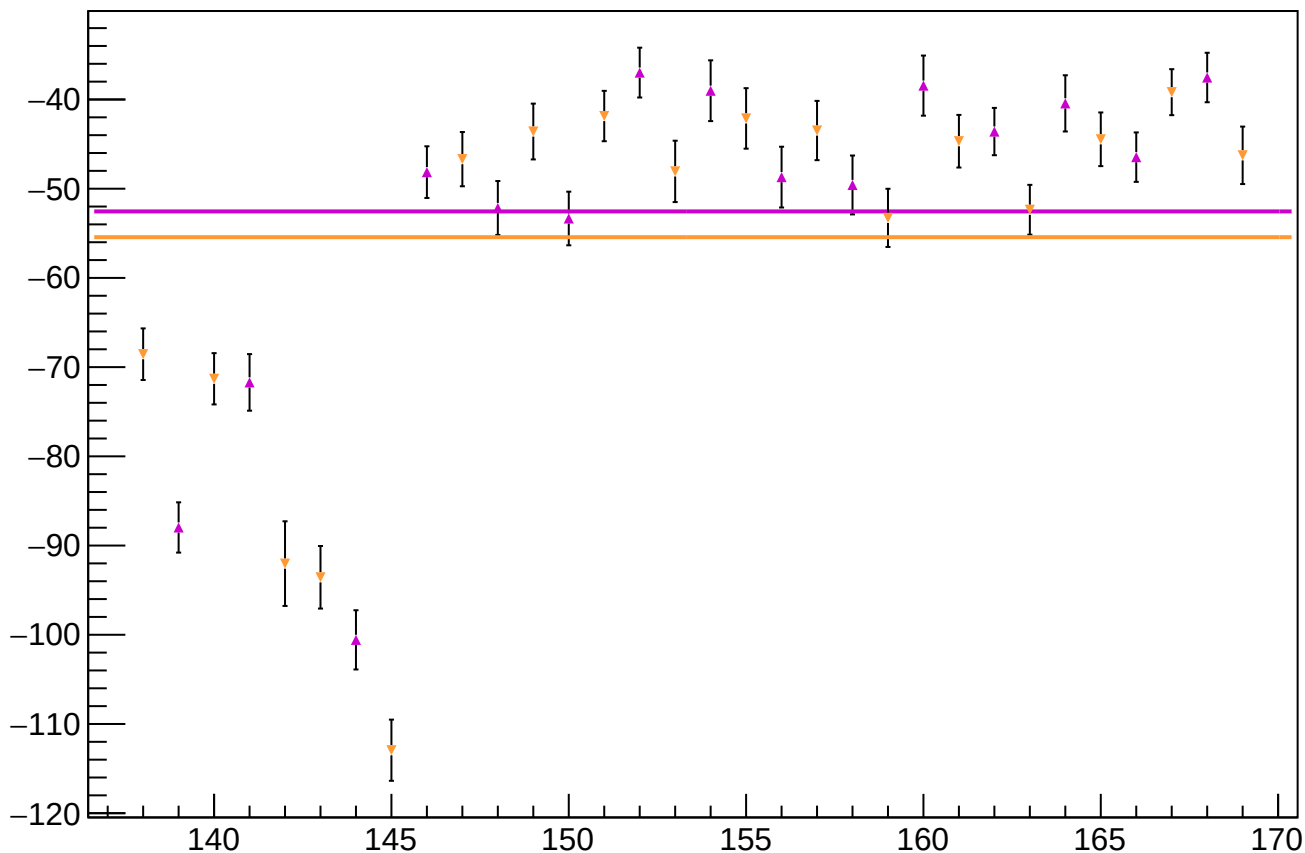
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -266.985 ± 0.087 $\chi^2/\text{NDF}: 418701.1/31$

Out: -250.924 ± 0.083 $\chi^2/\text{NDF}: 882162.7/34$

All: -258.541 ± 0.060 $\chi^2/\text{NDF}: 1318645.6/66$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -55.435+/-0.757 χ^2/NDF :665.0/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.546+/-0.781 χ^2/NDF :532.9/14

Left: -54.036+/-0.544 χ^2/NDF : 1205.0/31

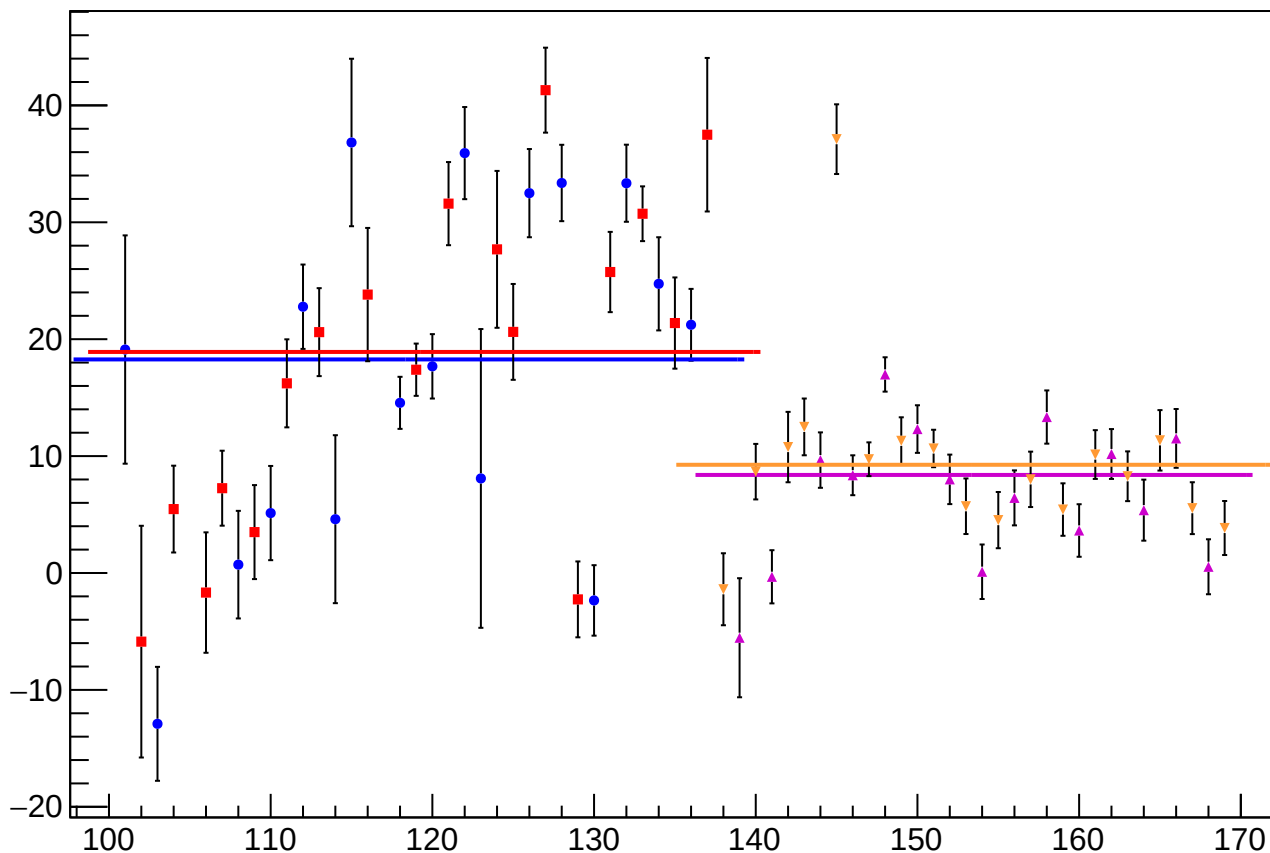
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.546+/-0.781 χ^2/NDF :532.9/14

Out: -55.435+/-0.757 χ^2/NDF :665.0/16

All: -54.036+/-0.544 χ^2/NDF : 1205.0/31

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.257 ± 0.534 χ^2/NDF : 121.8/16

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 8.388 ± 0.564 χ^2/NDF : 97.7/14

Left: 8.847 ± 0.388 χ^2/NDF : 220.8/31

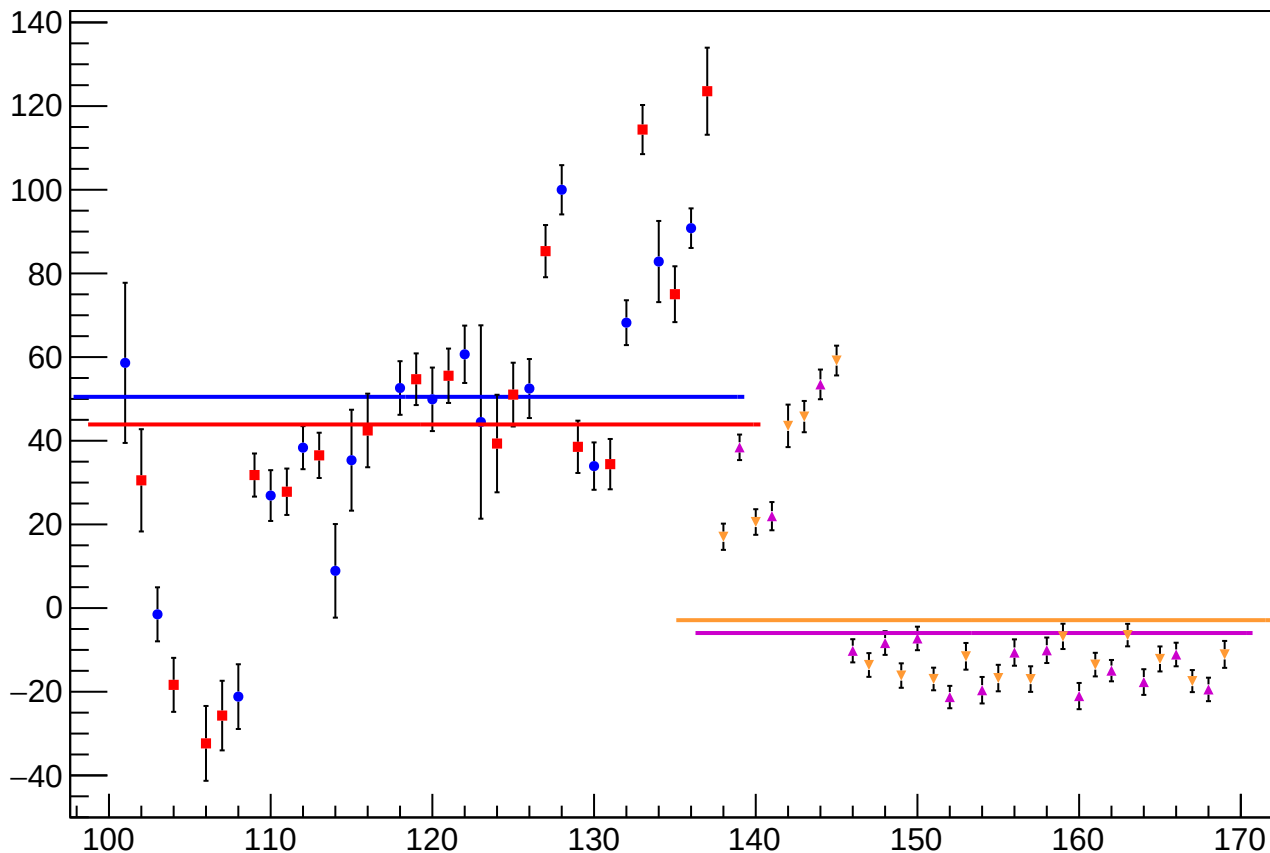
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.145 ± 0.479 χ^2/NDF : 391.6/31

Out: 11.923 ± 0.454 χ^2/NDF : 410.2/34

All: 11.555 ± 0.330 χ^2/NDF : 803.2/66

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: -2.892 $\pm$ 0.744 χ^2 /NDF:829.6/16

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: -5.963 $\pm$ 0.763 χ^2 /NDF:695.9/14

Left: -4.389 $\pm$ 0.533 χ^2 /NDF: 1533.7/31

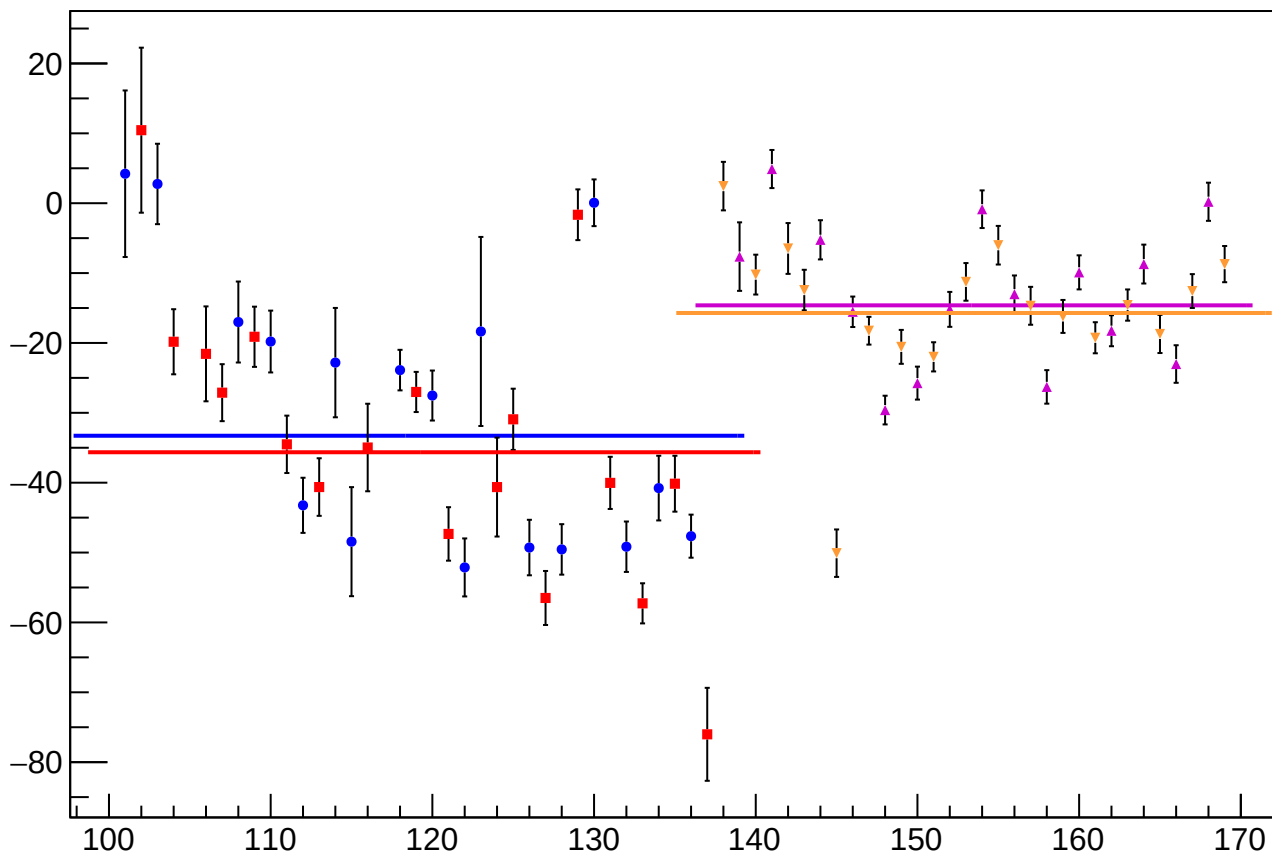
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 3.780 $\pm$ 0.694 χ^2 /NDF:2003.8/31

Out: 5.400 $\pm$ 0.675 χ^2 /NDF:2061.6/34

All: 4.613 $\pm$ 0.484 χ^2 /NDF: 4068.3/66

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.711 ± 0.623 χ^2/NDF : 184.1/16

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -14.617 ± 0.657 χ^2/NDF : 240.4/14

Left: -15.193 ± 0.452 χ^2/NDF : 426.0/31

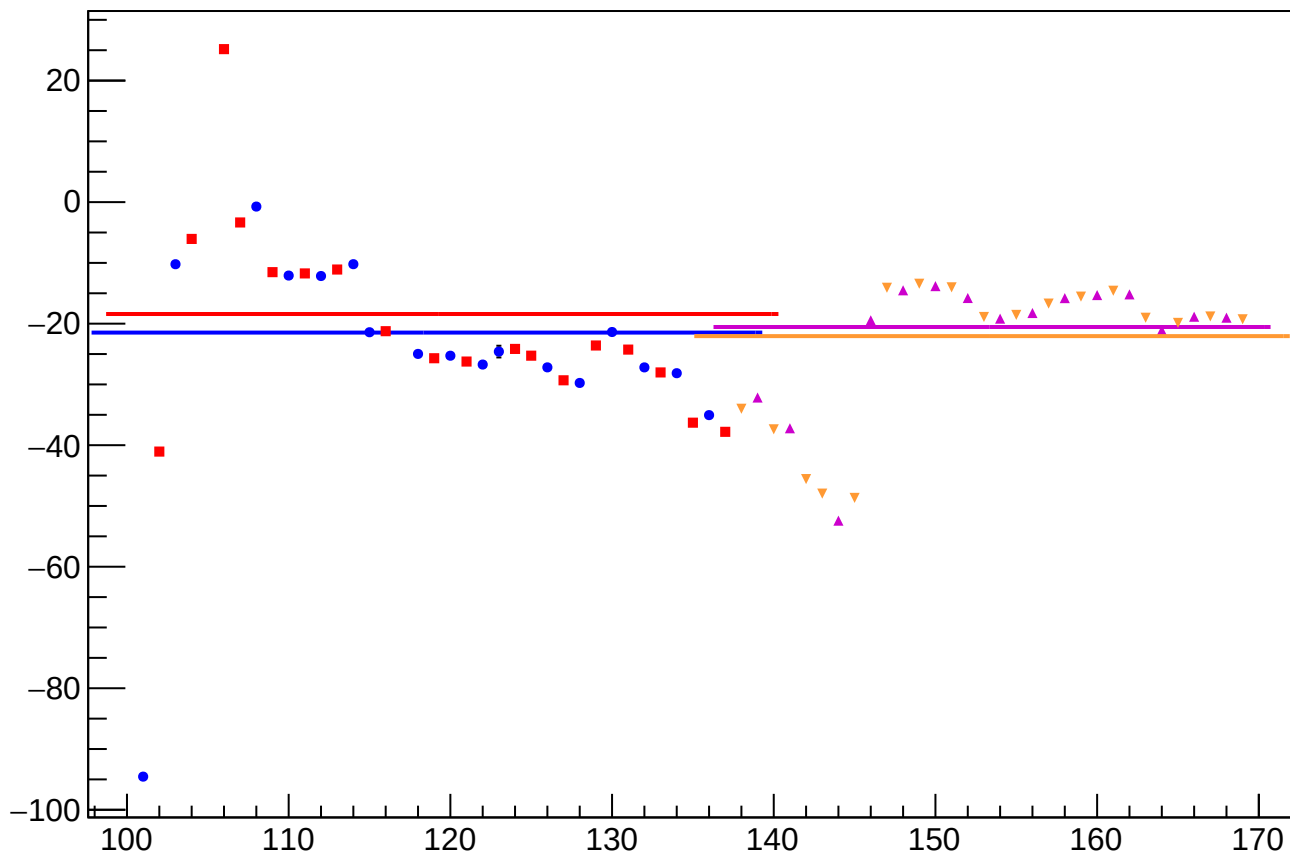
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -19.982 ± 0.555 χ^2/NDF : 765.1/31

Out: -21.339 ± 0.527 χ^2/NDF : 758.0/34

All: -20.695 ± 0.382 χ^2/NDF : 1526.3/66

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -22.051 ± 0.029 χ^2/NDF : 130387.9/16

Right Out: -18.411 ± 0.057 χ^2/NDF : 77587.3/17

Left In: -20.550 ± 0.030 χ^2/NDF : 84411.3/14

Left: -21.321 ± 0.021 χ^2/NDF : 216088.1/31

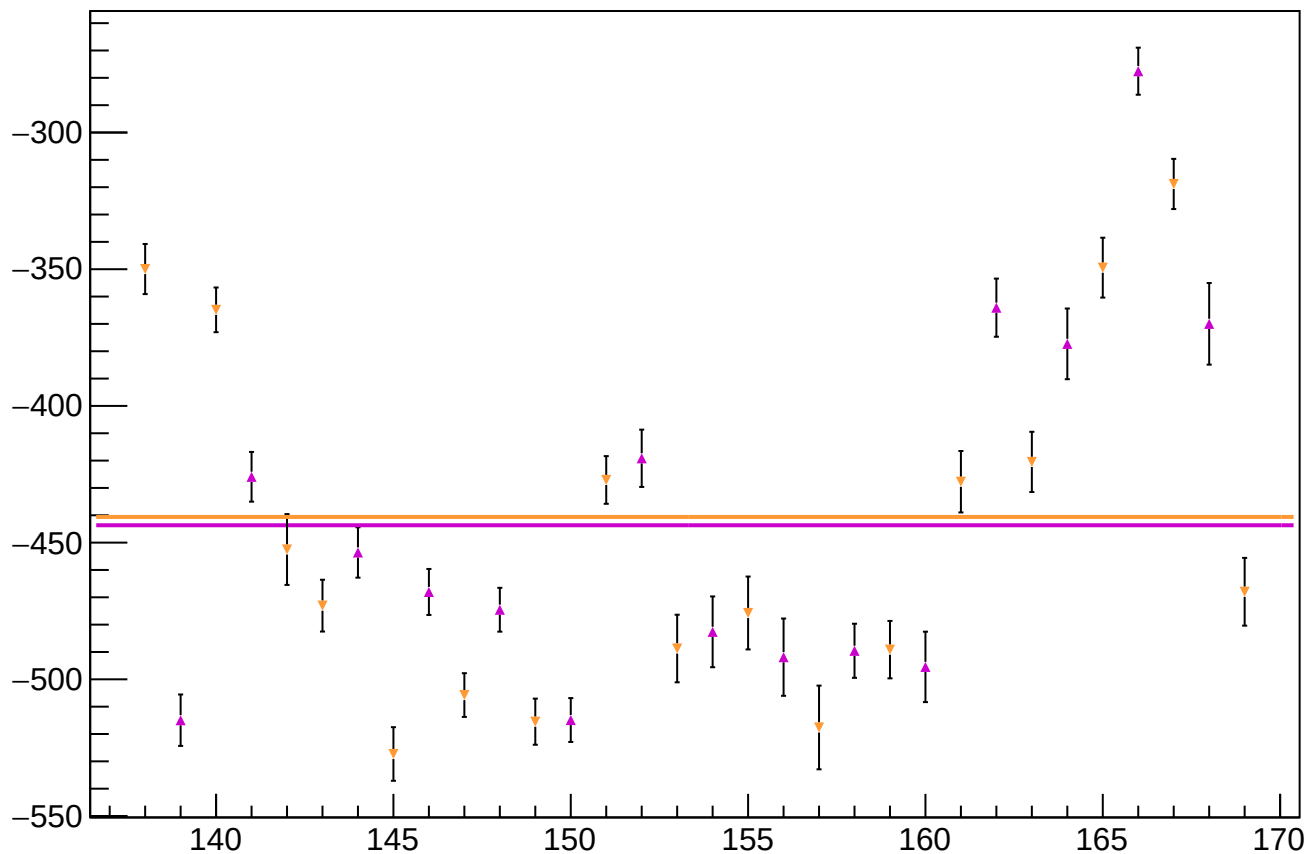
Right: -19.904 ± 0.041 χ^2/NDF : 127953.4/34

In: -20.739 ± 0.027 χ^2/NDF : 133585.2/31

Out: -21.304 ± 0.026 χ^2/NDF : 211172.8/34

All: -21.029 ± 0.019 χ^2/NDF : 344987.2/66

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -440.610+/-2.457 χ^2/NDF : 745.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -443.650+/-2.586 χ^2/NDF : 707.5/14

Left: -442.053+/-1.781 χ^2/NDF : 1454.1/31

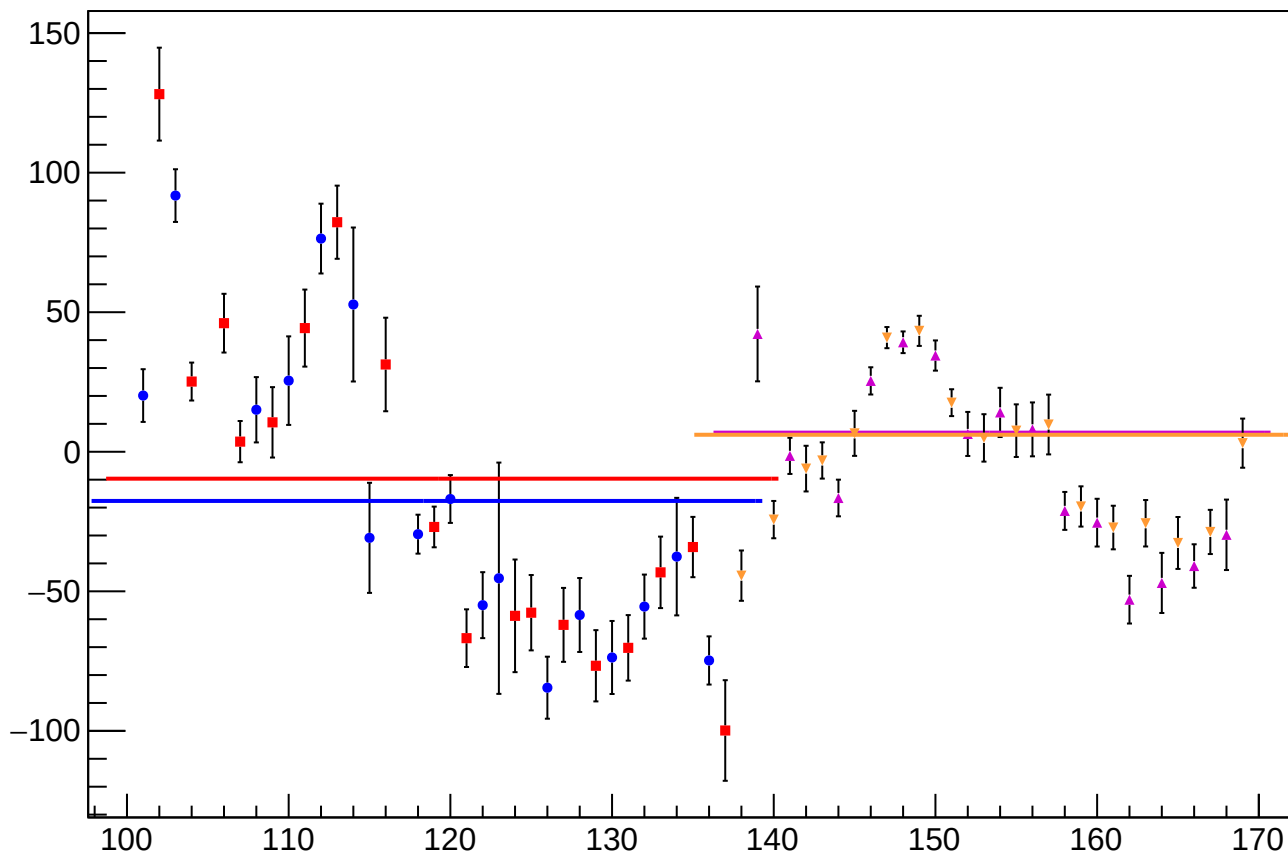
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -443.650+/-2.586 χ^2/NDF : 707.5/14

Out: -440.610+/-2.457 χ^2/NDF : 745.9/16

All: -442.053+/-1.781 χ^2/NDF : 1454.1/31

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 $\pm$ 2.786 χ^2/NDF : 362.0/16

Left Out: 6.094 $\pm$ 1.666 χ^2/NDF : 276.3/16

Right Out: -9.641 $\pm$ 2.613 χ^2/NDF : 360.7/17

Left In: 6.853 $\pm$ 1.787 χ^2/NDF : 280.8/14

Left: 6.447 $\pm$ 1.219 χ^2/NDF : 557.2/31

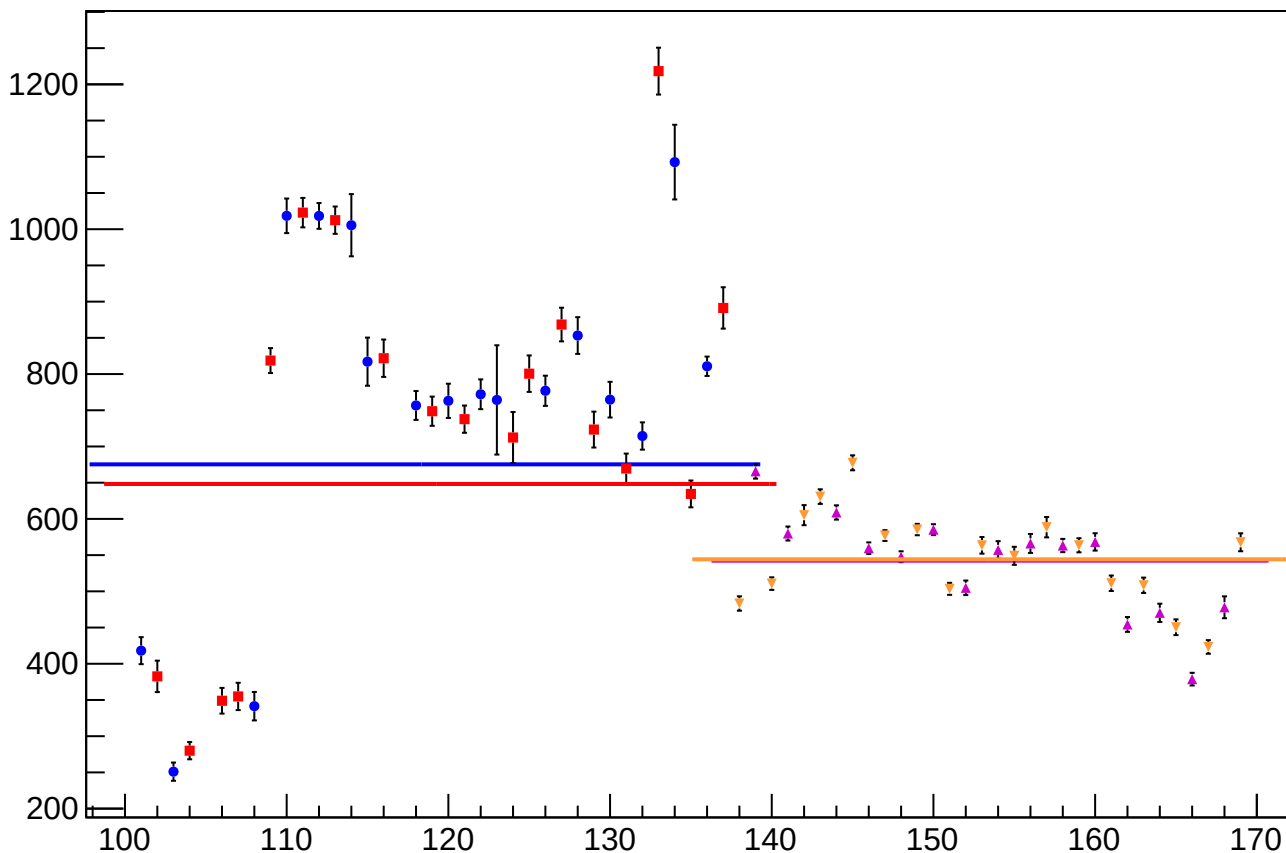
Right: -13.374 $\pm$ 1.906 χ^2/NDF : 727.1/34

In: -0.282 $\pm$ 1.504 χ^2/NDF : 697.5/31

Out: 1.545 $\pm$ 1.405 χ^2/NDF : 662.7/34

All: 0.694 $\pm$ 1.027 χ^2/NDF : 1361.0/66

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 544.213+/-2.427 χ^2/NDF : 663.3/16

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 542.317+/-2.528 χ^2/NDF : 747.2/14

Left: 543.303+/-1.751 χ^2/NDF : 1410.8/31

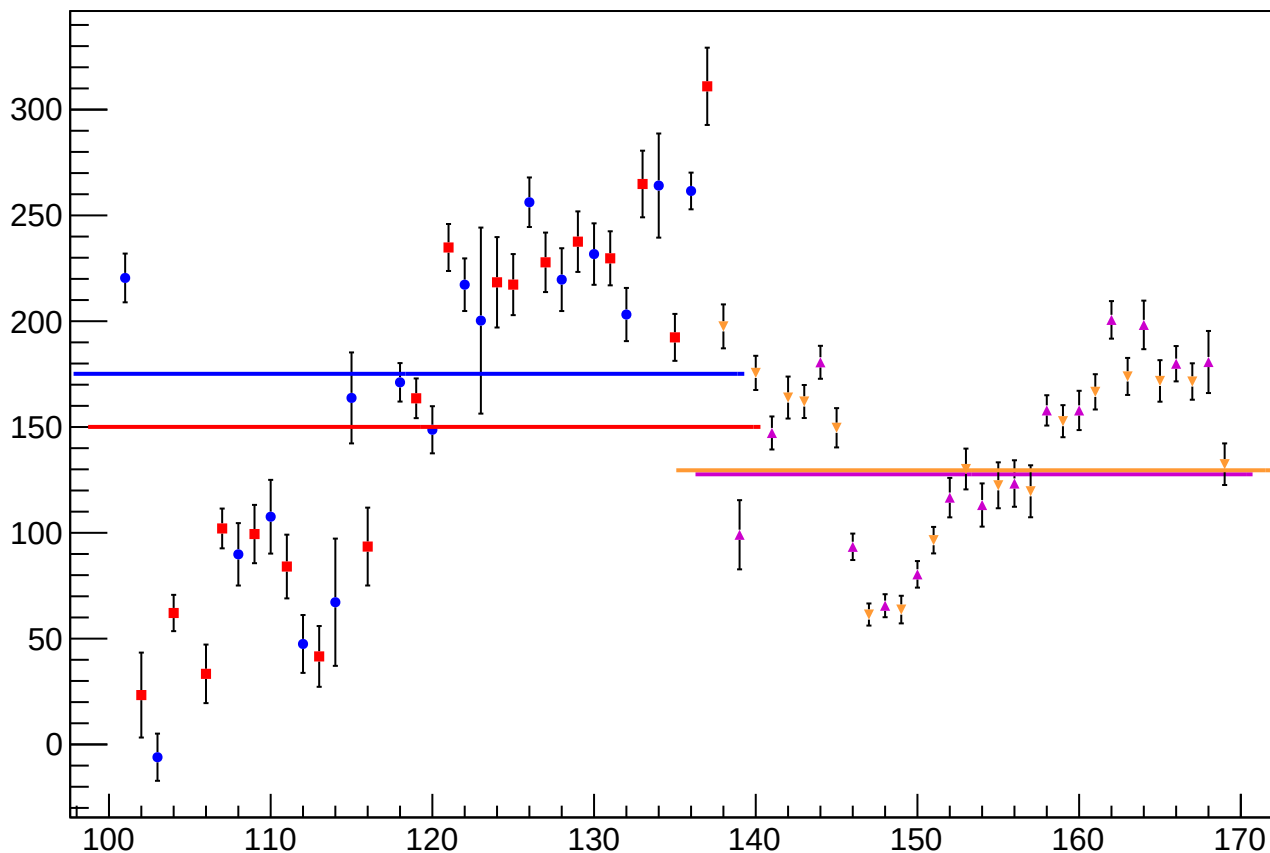
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 569.010+/-2.260 χ^2/NDF : 3885.4/31

Out: 565.573+/-2.164 χ^2/NDF : 4099.4/34

All: 567.216+/-1.563 χ^2/NDF : 7986.0/66

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: 129.553 $\pm$ 1.987 χ^2 /NDF:507.4/16

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 127.658 $\pm$ 2.126 χ^2 /NDF:462.6/14

Left: 128.670 $\pm$ 1.452 χ^2 /NDF: 970.4/31

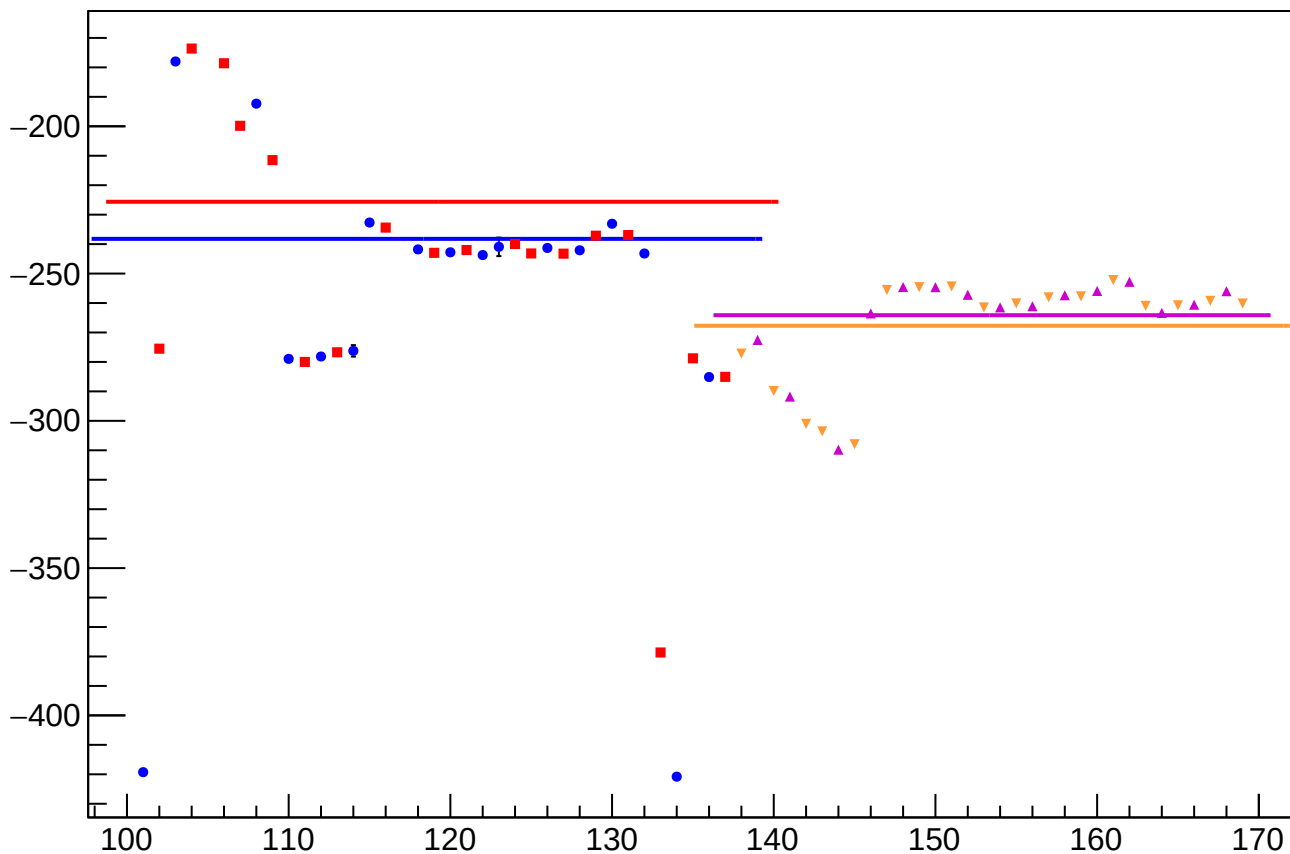
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 142.140 $\pm$ 1.772 χ^2 /NDF:1250.4/31

Out: 135.673 $\pm$ 1.664 χ^2 /NDF:1225.3/34

All: 138.703 $\pm$ 1.213 χ^2 /NDF: 2482.8/66

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -267.718+/-0.098 χ^2/NDF : 33561.7/16

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -264.134+/-0.101 χ^2/NDF : 20774.1/14

Left: -265.996+/-0.070 χ^2/NDF : 54984.9/31

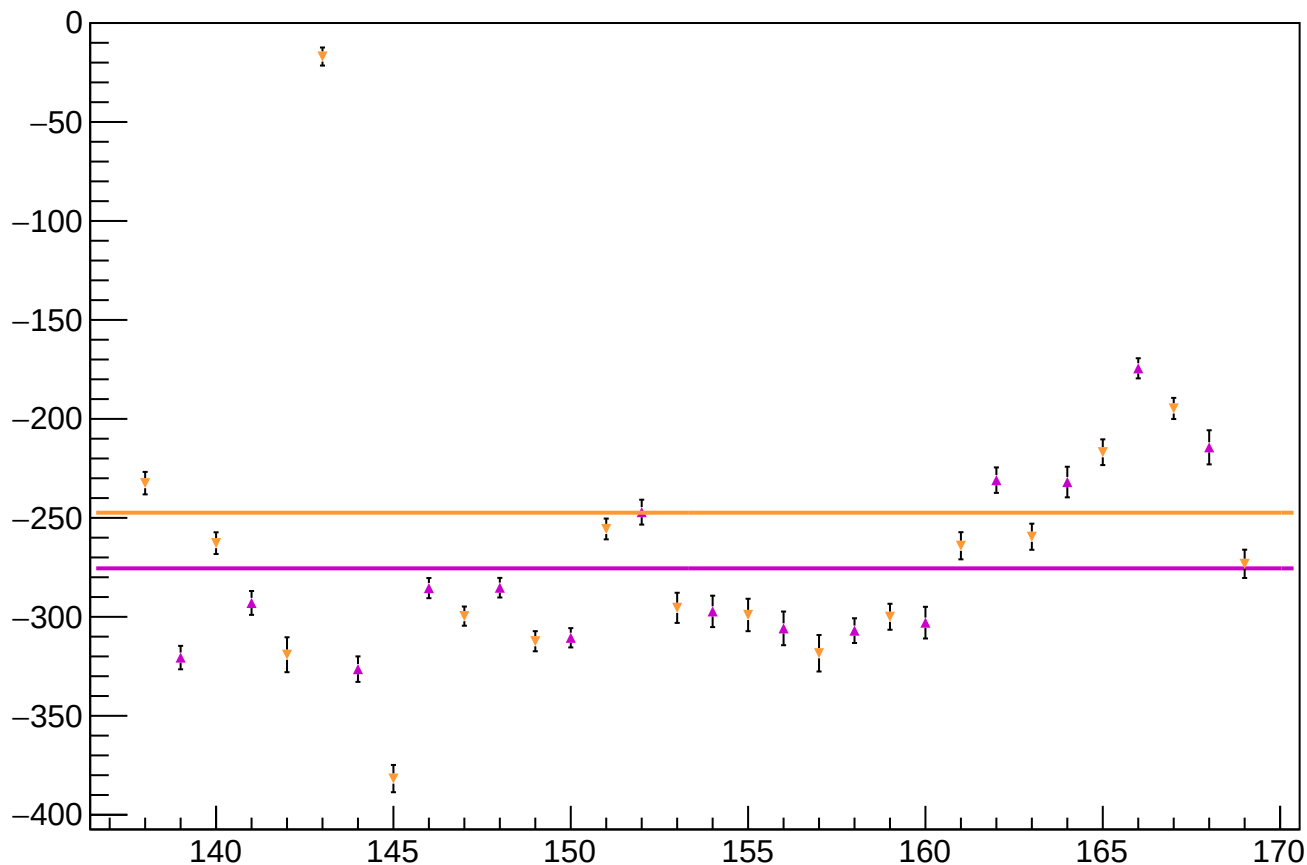
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.710+/-0.086 χ^2/NDF : 206579.9/31

Out: -255.394+/-0.082 χ^2/NDF : 183560.9/34

All: -256.023+/-0.059 χ^2/NDF : 390264.0/66

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -247.381+/-1.485 χ^2/NDF :3638.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -275.511+/-1.599 χ^2/NDF :791.0/14

Left: -260.406+/-1.088 χ^2/NDF : 4595.9/31

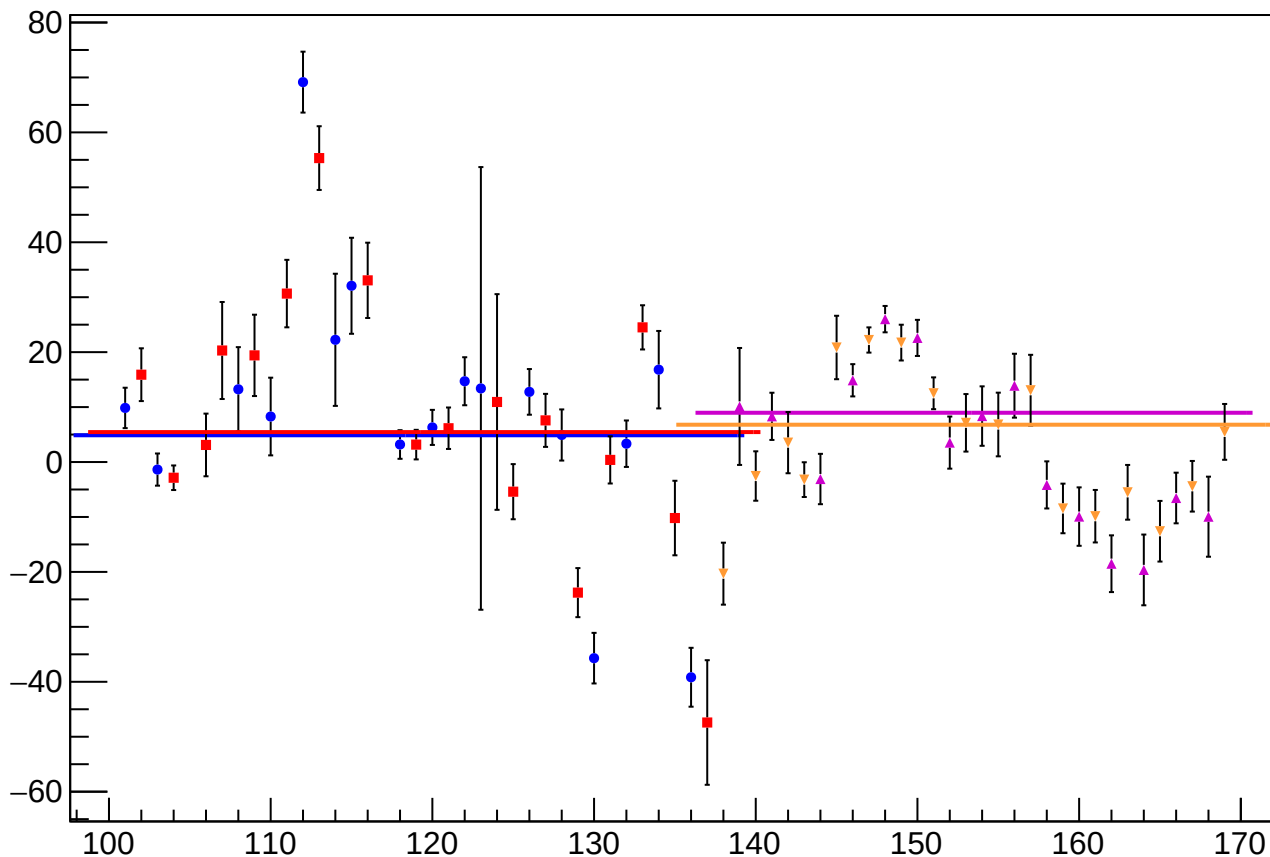
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.511+/-1.599 χ^2/NDF :791.0/14

Out: -247.381+/-1.485 χ^2/NDF :3638.8/16

All: -260.406+/-1.088 χ^2/NDF : 4595.9/31

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 6.793 ± 1.006 χ^2/NDF : 162.7/16

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 8.968 ± 1.105 χ^2/NDF : 168.8/14

Left: 7.778 ± 0.744 χ^2/NDF : 333.6/31

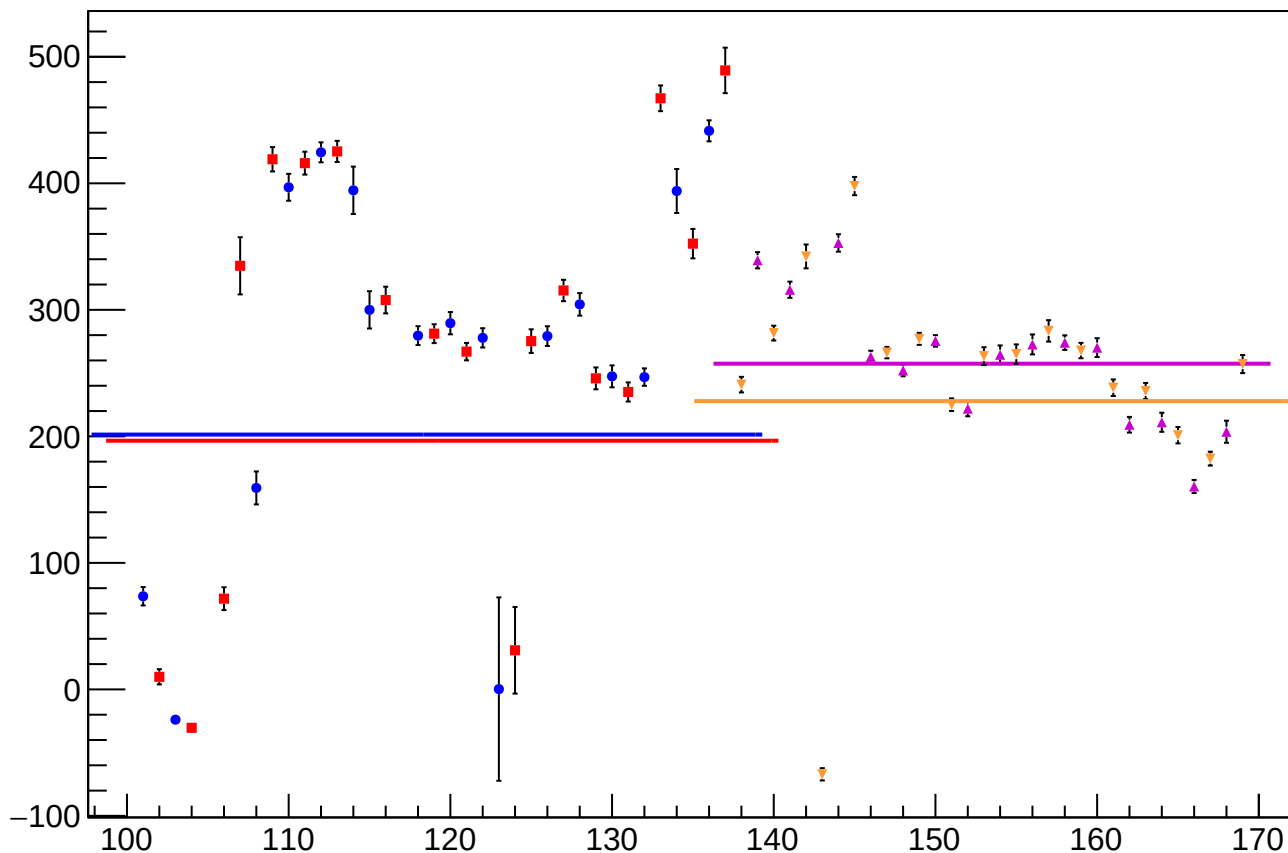
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 6.891 ± 0.776 χ^2/NDF : 487.3/31

Out: 6.164 ± 0.733 χ^2/NDF : 395.1/34

All: 6.507 ± 0.533 χ^2/NDF : 882.8/66

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: 227.864 $\pm$ 1.467 χ^2/NDF :4884.4/16

Right Out: 196.565 $\pm$ 1.931 χ^2/NDF : 8178.1/17

Left In: 257.444 $\pm$ 1.560 χ^2/NDF :993.9/14

Left: 241.750 $\pm$ 1.069 χ^2/NDF : 6069.1/31

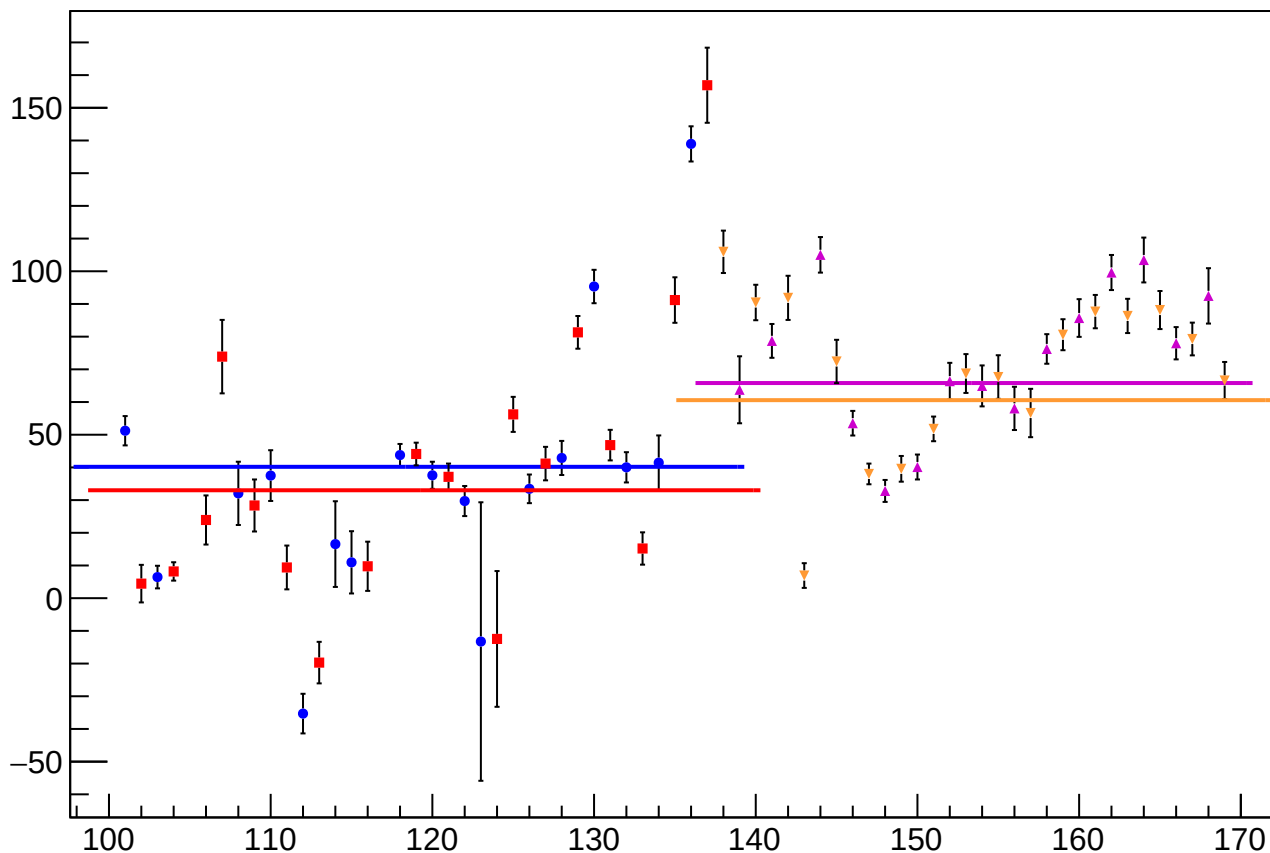
Right: 198.933 $\pm$ 1.380 χ^2/NDF : 14921.6/34

In: 235.896 $\pm$ 1.224 χ^2/NDF :8230.5/31

Out: 216.409 $\pm$ 1.168 χ^2/NDF :13229.1/34

All: 225.701 $\pm$ 0.845 χ^2/NDF : 21592.2/66

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 60.574+/-1.198 χ^2/NDF : 501.3/16

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 65.811+/-1.315 χ^2/NDF : 315.2/14

Left: 62.951+/-0.886 χ^2/NDF : 825.1/31

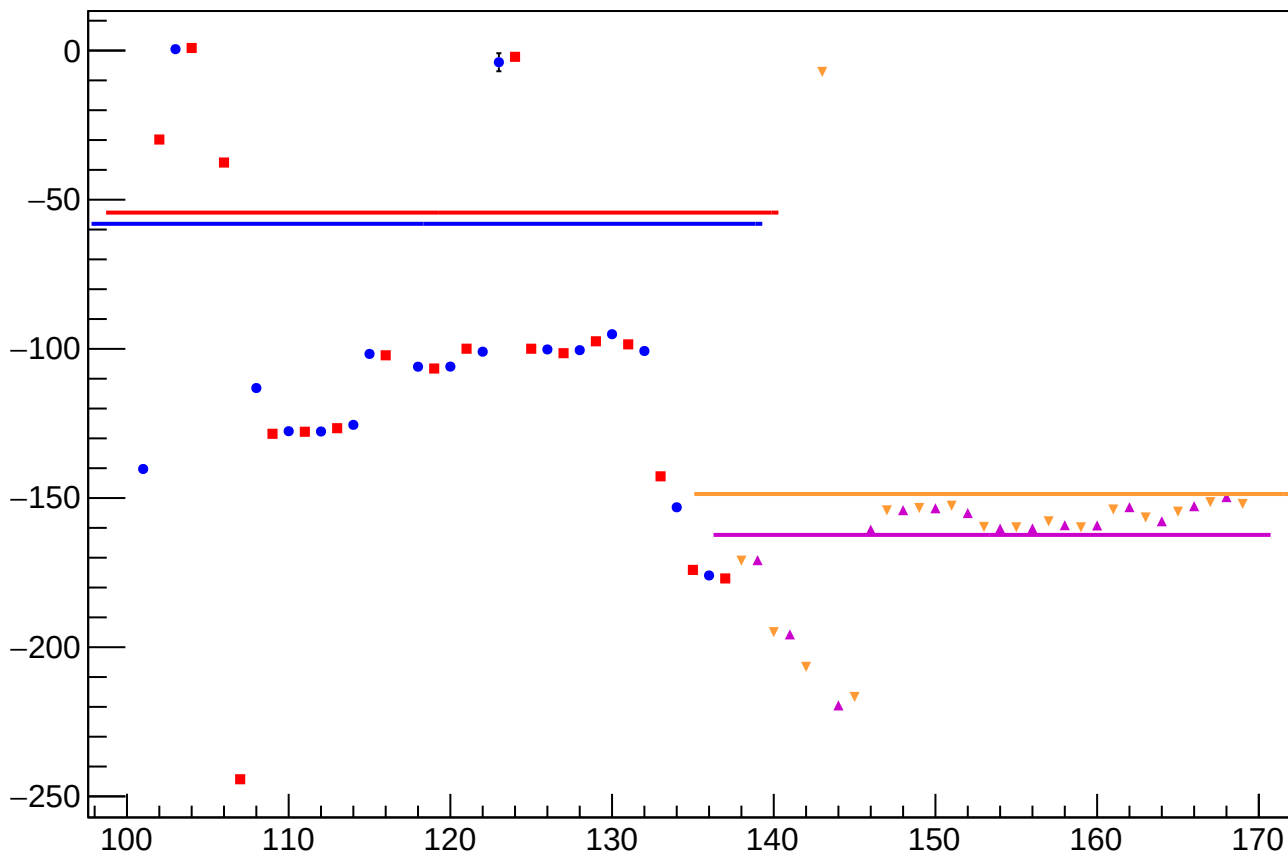
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 52.553+/-0.913 χ^2/NDF : 1245.8/31

Out: 47.401+/-0.866 χ^2/NDF : 1301.2/34

All: 49.840+/-0.628 χ^2/NDF : 2563.8/66

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -148.651 $\pm$ 0.059 χ^2 /NDF: 657074.9/16

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -162.353 $\pm$ 0.063 χ^2 /NDF: 63994.9/14

Left: -155.088 $\pm$ 0.043 χ^2 /NDF: 746490.2/31

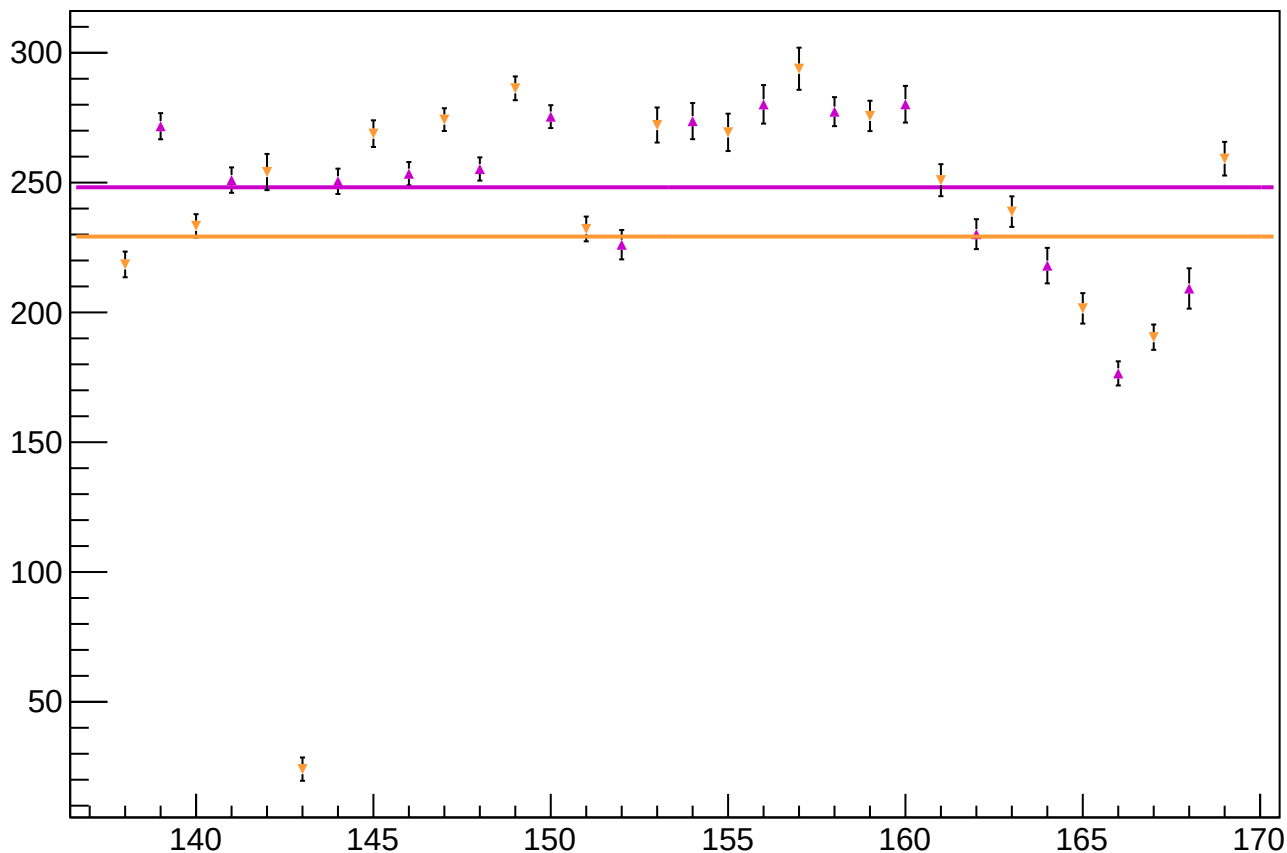
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -109.411 $\pm$ 0.044 χ^2 /NDF: 2578181.2/31

Out: -102.699 $\pm$ 0.042 χ^2 /NDF: 2897340.0/34

All: -105.920 $\pm$ 0.030 χ^2 /NDF: 5487674.8/66

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: 229.214+/-1.315 χ^2/NDF :2745.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.190+/-1.400 χ^2/NDF :451.4/14

Left: 238.111+/-0.958 χ^2/NDF : 3294.5/31

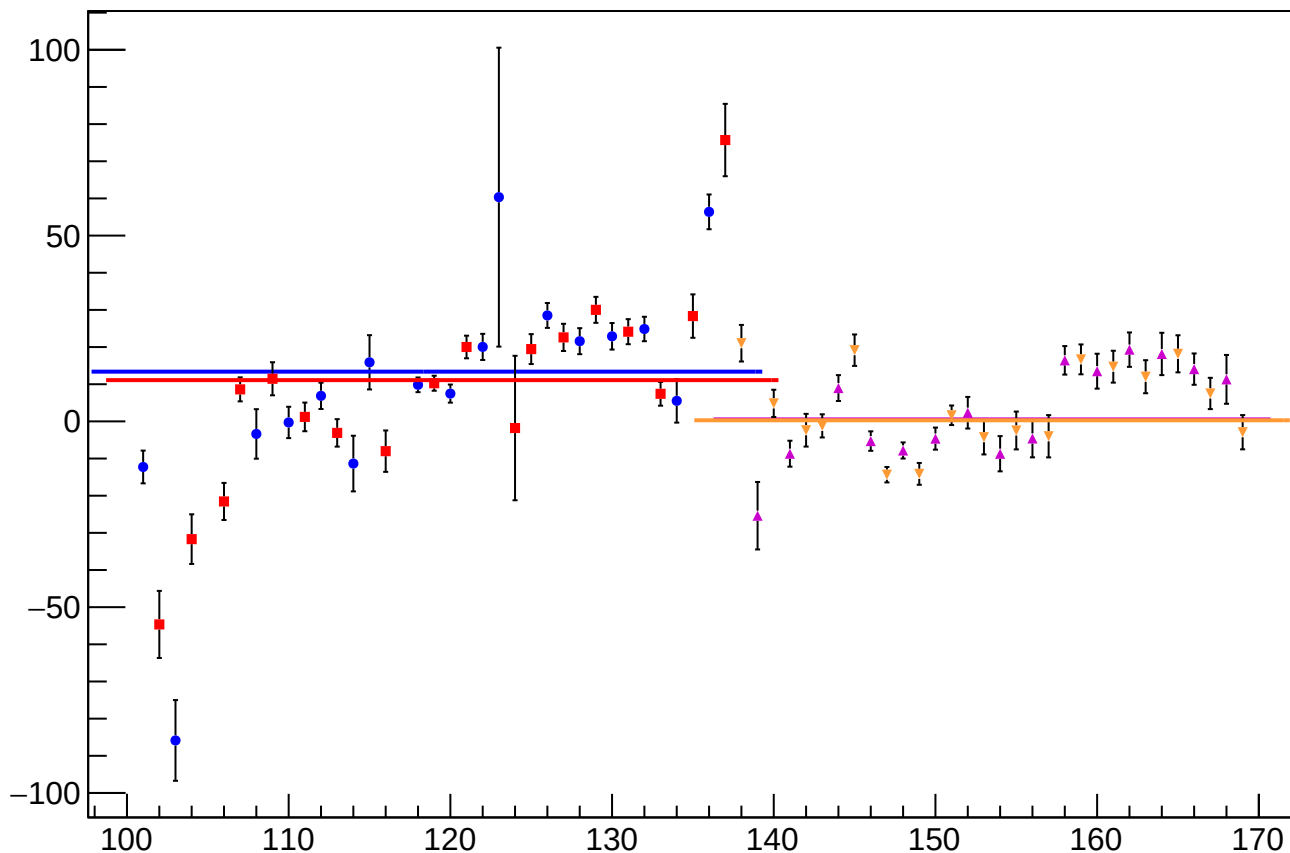
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.190+/-1.400 χ^2/NDF :451.4/14

Out: 229.214+/-1.315 χ^2/NDF :2745.5/16

All: 238.111+/-0.958 χ^2/NDF : 3294.5/31

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 0.294 ± 0.896 χ^2/NDF : 166.9/16

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 0.536 ± 0.973 χ^2/NDF : 112.6/14

Left: 0.405 ± 0.659 χ^2/NDF : 279.5/31

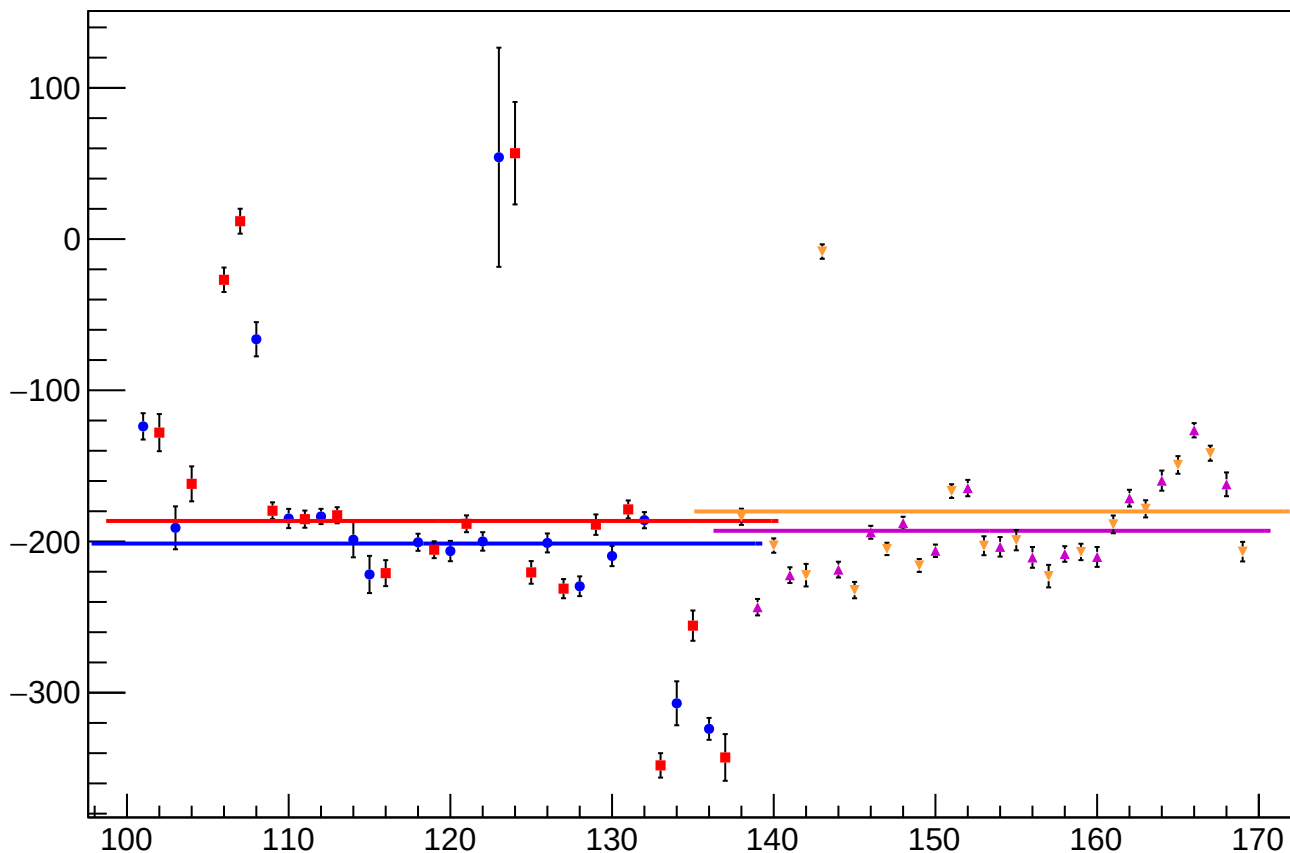
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 7.312 ± 0.669 χ^2/NDF : 498.6/31

Out: 5.584 ± 0.640 χ^2/NDF : 530.3/34

All: 6.410 ± 0.463 χ^2/NDF : 1032.4/66

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -180.116 ± 1.302 χ^2/NDF : 1733.5/16

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -192.927 ± 1.370 χ^2/NDF : 458.1/14

Left: -186.195 ± 0.944 χ^2/NDF : 2237.5/31

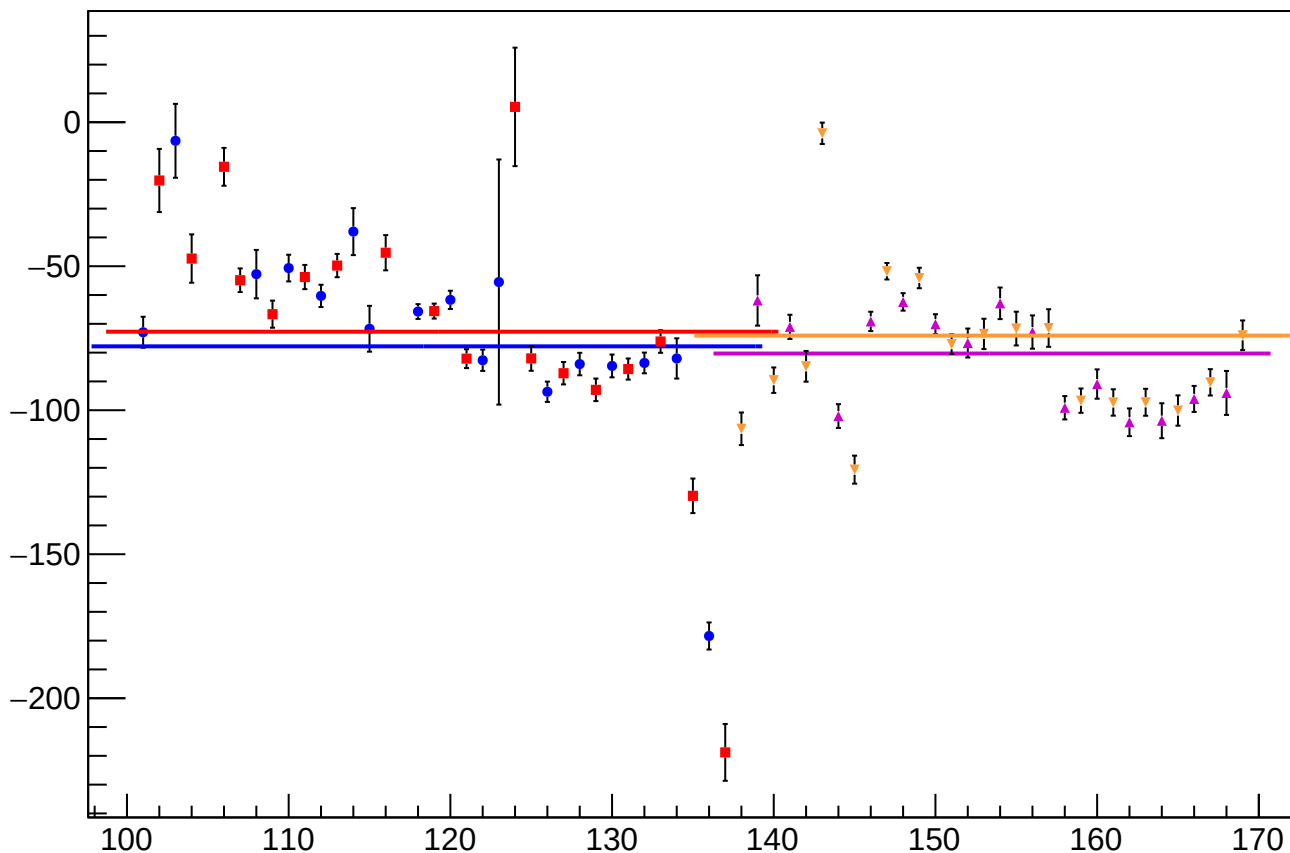
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -196.059 ± 1.086 χ^2/NDF : 1097.1/31

Out: -182.437 ± 1.034 χ^2/NDF : 3441.6/34

All: -188.913 ± 0.749 χ^2/NDF : 4621.2/66

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: -74.086 ± 1.067 χ^2/NDF : 706.8/16

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -80.314 ± 1.156 χ^2/NDF : 184.6/14

Left: -76.952 ± 0.784 χ^2/NDF : 907.1/31

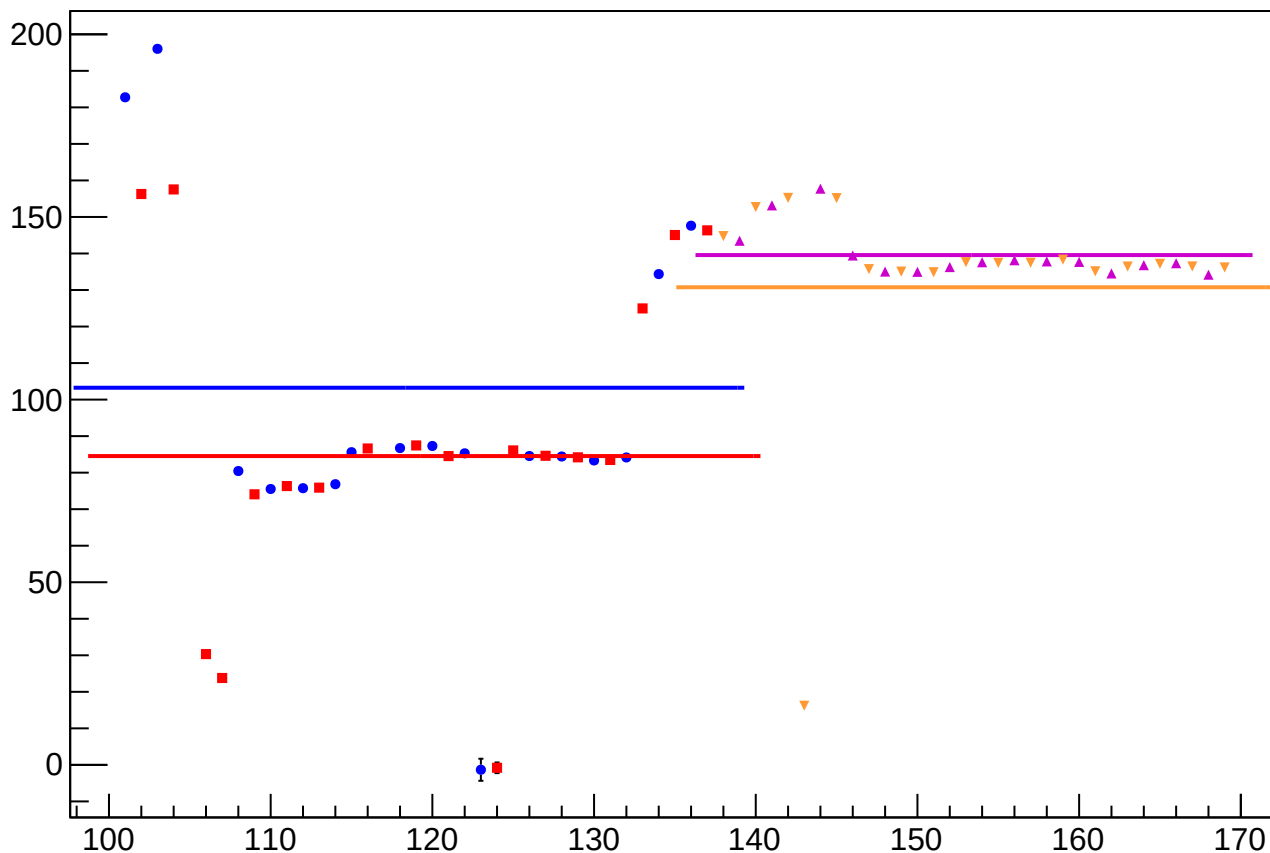
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -78.968 ± 0.784 χ^2/NDF : 843.5/31

Out: -73.402 ± 0.750 χ^2/NDF : 1306.6/34

All: -76.059 ± 0.542 χ^2/NDF : 2176.4/66

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: 130.753 $\pm$ 0.052 χ^2 /NDF: 398843.8/16

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 139.566 $\pm$ 0.055 χ^2 /NDF: 13802.2/14

Left: 134.936 $\pm$ 0.038 χ^2 /NDF: 426166.1/31

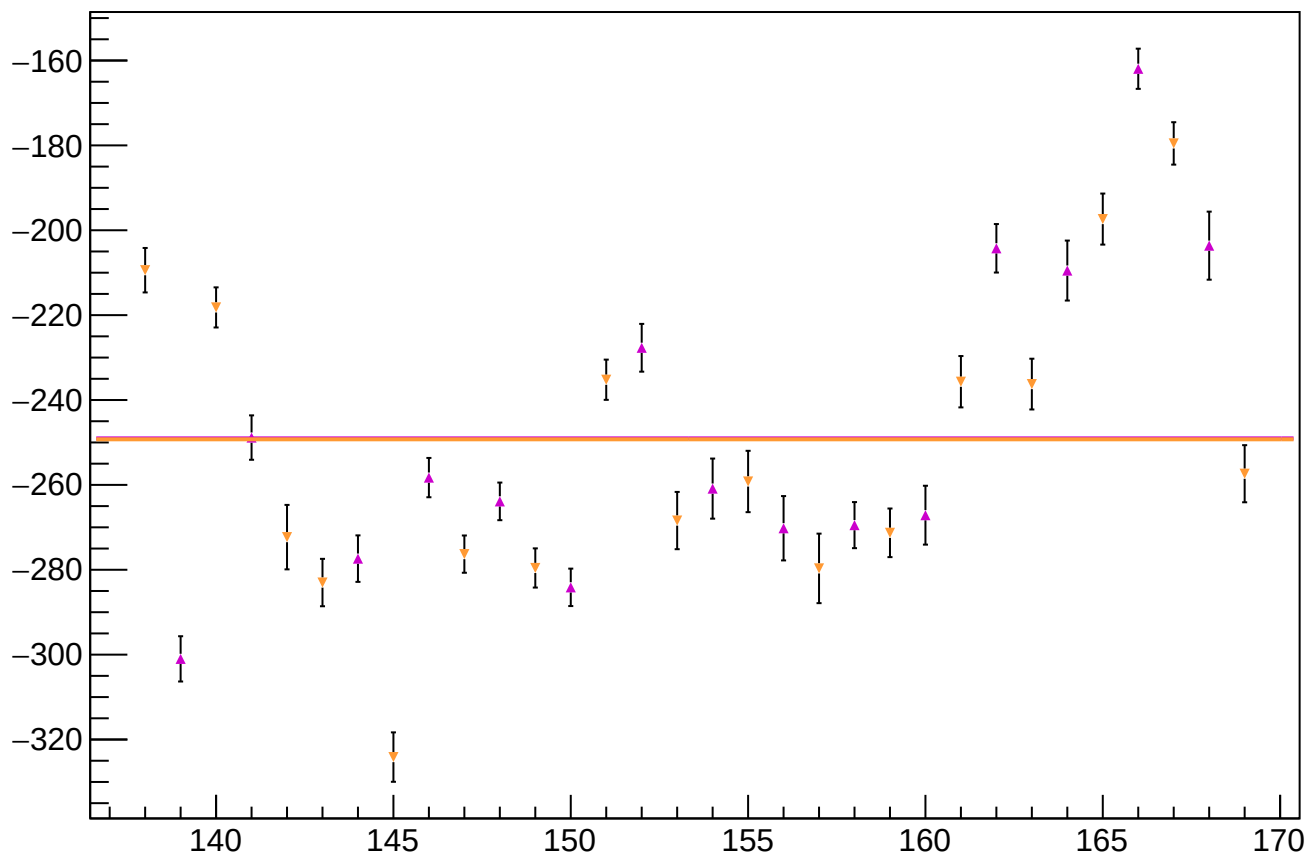
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 125.835 $\pm$ 0.043 χ^2 /NDF: 452437.3/31

Out: 112.255 $\pm$ 0.040 χ^2 /NDF: 1123747.2/34

All: 118.578 $\pm$ 0.030 χ^2 /NDF: 1628689.4/66

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: -249.260+/-1.367 χ^2/NDF : 720.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.042+/-1.431 χ^2/NDF : 709.4/14

Left: -249.156+/-0.989 χ^2/NDF : 1430.3/31

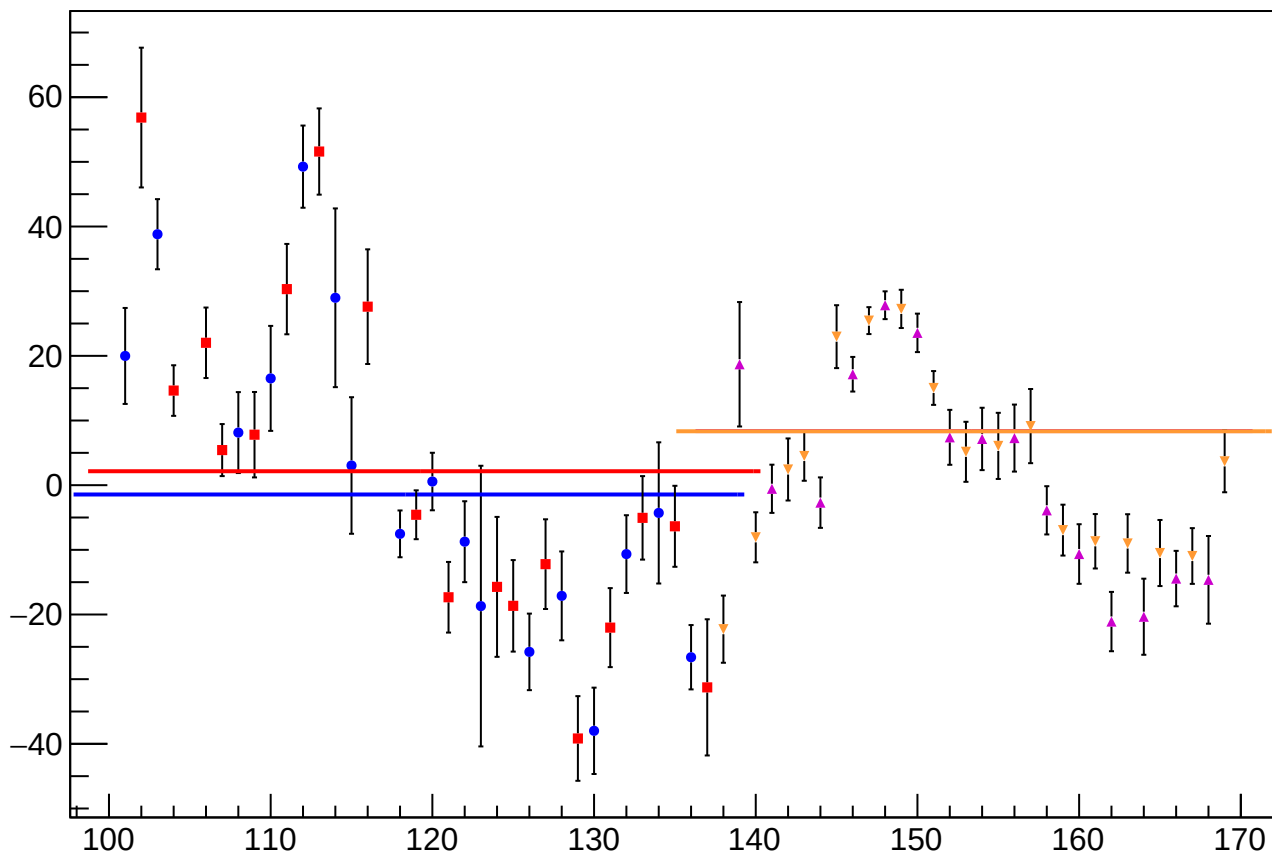
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.042+/-1.431 χ^2/NDF : 709.4/14

Out: -249.260+/-1.367 χ^2/NDF : 720.9/16

All: -249.156+/-0.989 χ^2/NDF : 1430.3/31

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 8.337 ± 0.924 $\chi^2/\text{NDF}: 260.7/16$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 8.370 ± 0.988 $\chi^2/\text{NDF}: 266.5/14$

Left: 8.352 ± 0.675 $\chi^2/\text{NDF}: 527.3/31$

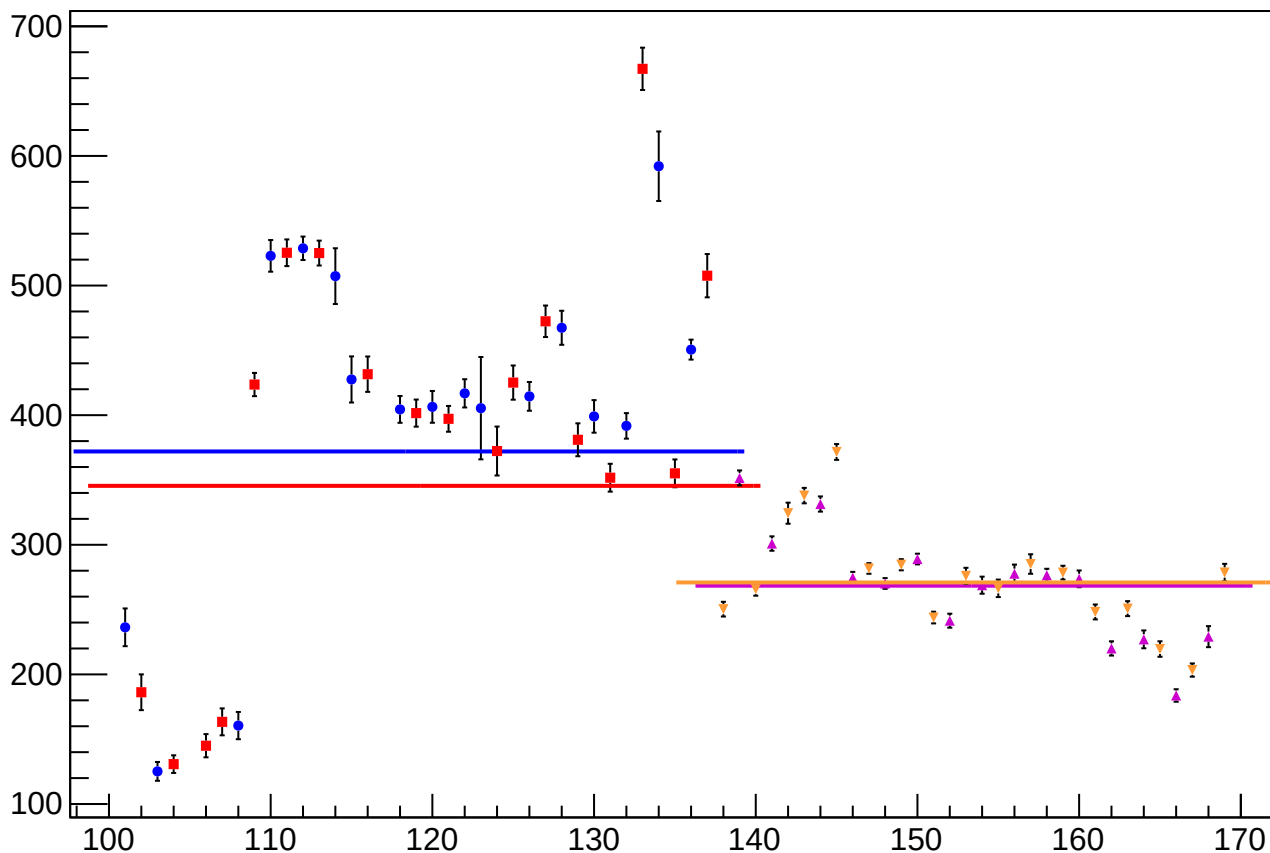
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 5.446 ± 0.828 $\chi^2/\text{NDF}: 520.4/31$

Out: 6.462 ± 0.772 $\chi^2/\text{NDF}: 504.5/34$

All: 5.990 ± 0.564 $\chi^2/\text{NDF}: 1025.6/66$

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: 270.952 $\pm$ 1.346 χ^2 /NDF:792.7/16

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 268.460 $\pm$ 1.396 χ^2 /NDF:859.8/14

Left: 269.751 $\pm$ 0.969 χ^2 /NDF: 1654.1/31

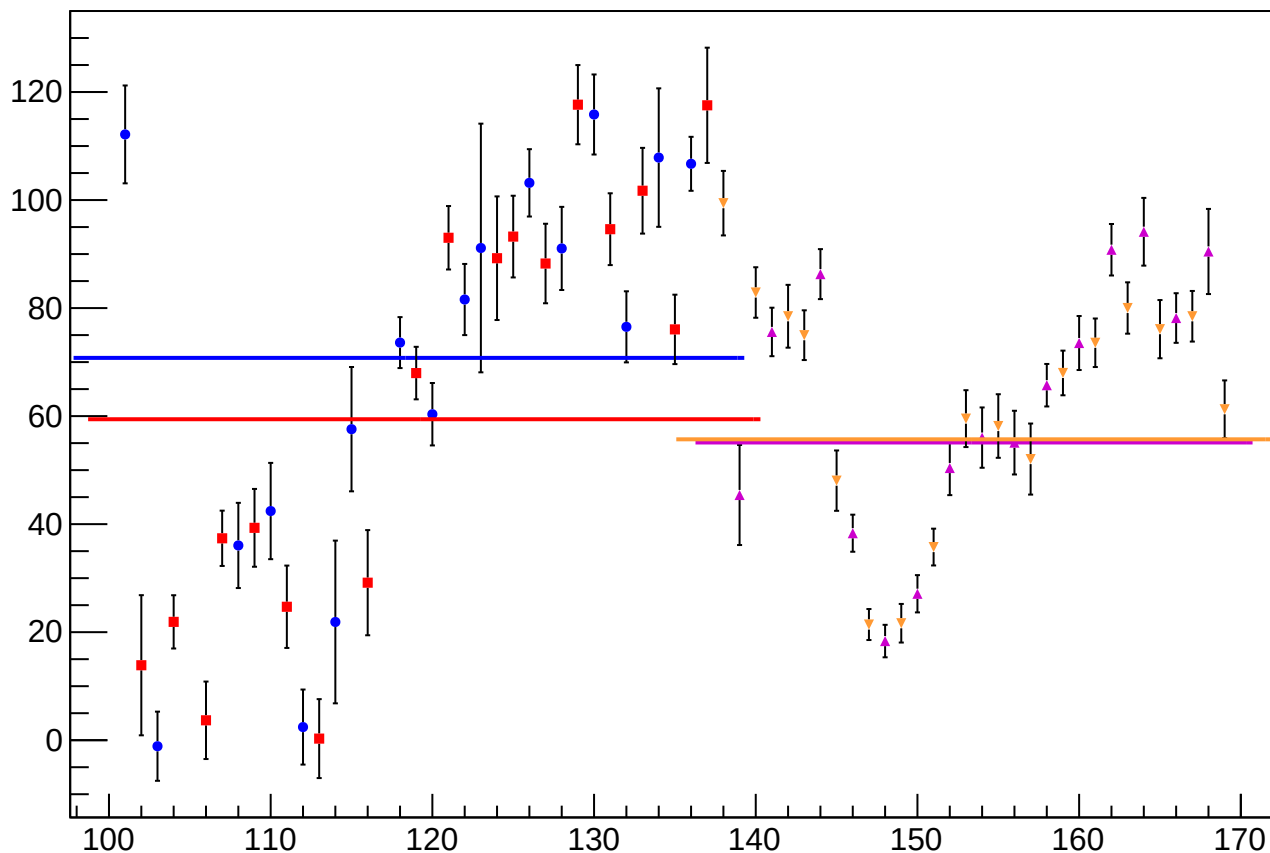
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 289.492 $\pm$ 1.246 χ^2 /NDF:4408.5/31

Out: 287.053 $\pm$ 1.192 χ^2 /NDF:4856.4/34

All: 288.219 $\pm$ 0.861 χ^2 /NDF: 9266.9/66

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 55.703 $\pm$ 1.102 χ^2 /NDF:480.8/16

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 55.117 $\pm$ 1.174 χ^2 /NDF:468.3/14

Left: 55.429 $\pm$ 0.803 χ^2 /NDF: 949.3/31

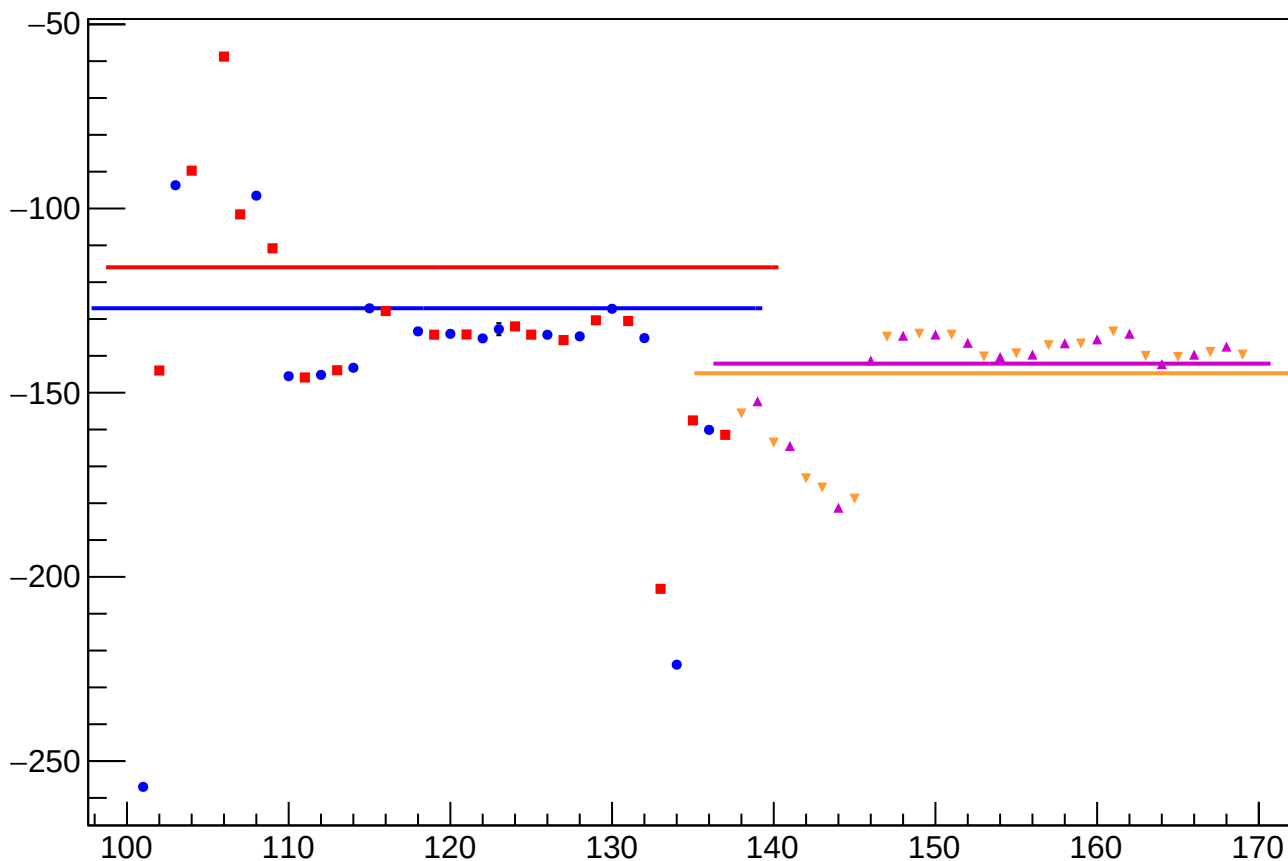
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 59.992 $\pm$ 0.974 χ^2 /NDF:947.6/31

Out: 56.867 $\pm$ 0.913 χ^2 /NDF:971.0/34

All: 58.328 $\pm$ 0.666 χ^2 /NDF: 1924.1/66

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -144.721+/-0.054 χ^2/NDF : 71005.6/16

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -142.111+/-0.056 χ^2/NDF : 43845.7/14

Left: -143.461+/-0.039 χ^2/NDF : 115978.2/31

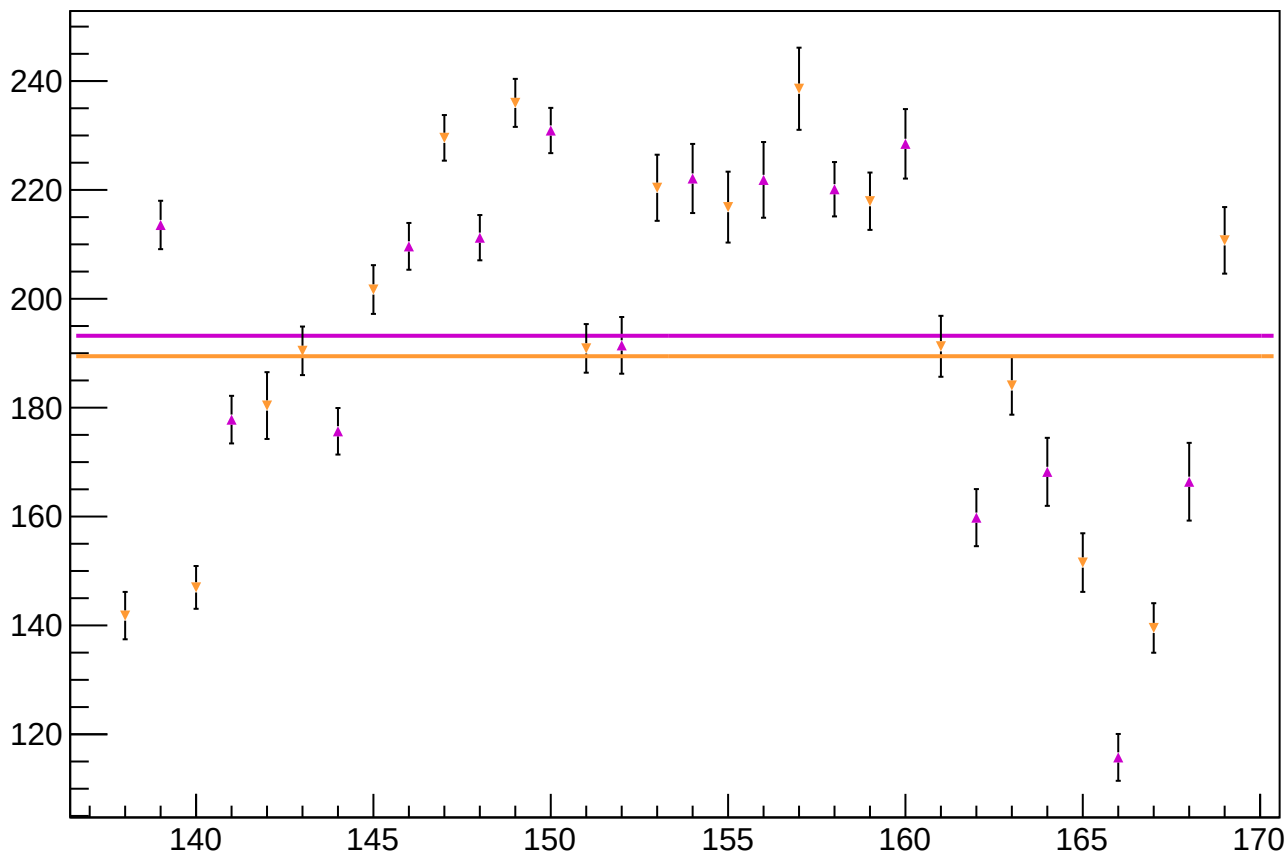
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.891+/-0.047 χ^2/NDF : 231161.8/31

Out: -136.166+/-0.045 χ^2/NDF : 314320.4/34

All: -136.989+/-0.033 χ^2/NDF : 546174.3/66

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: 189.452+/-1.210 χ^2/NDF : 747.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.209+/-1.280 χ^2/NDF : 658.1/14

Left: 191.224+/-0.879 χ^2/NDF : 1410.4/31

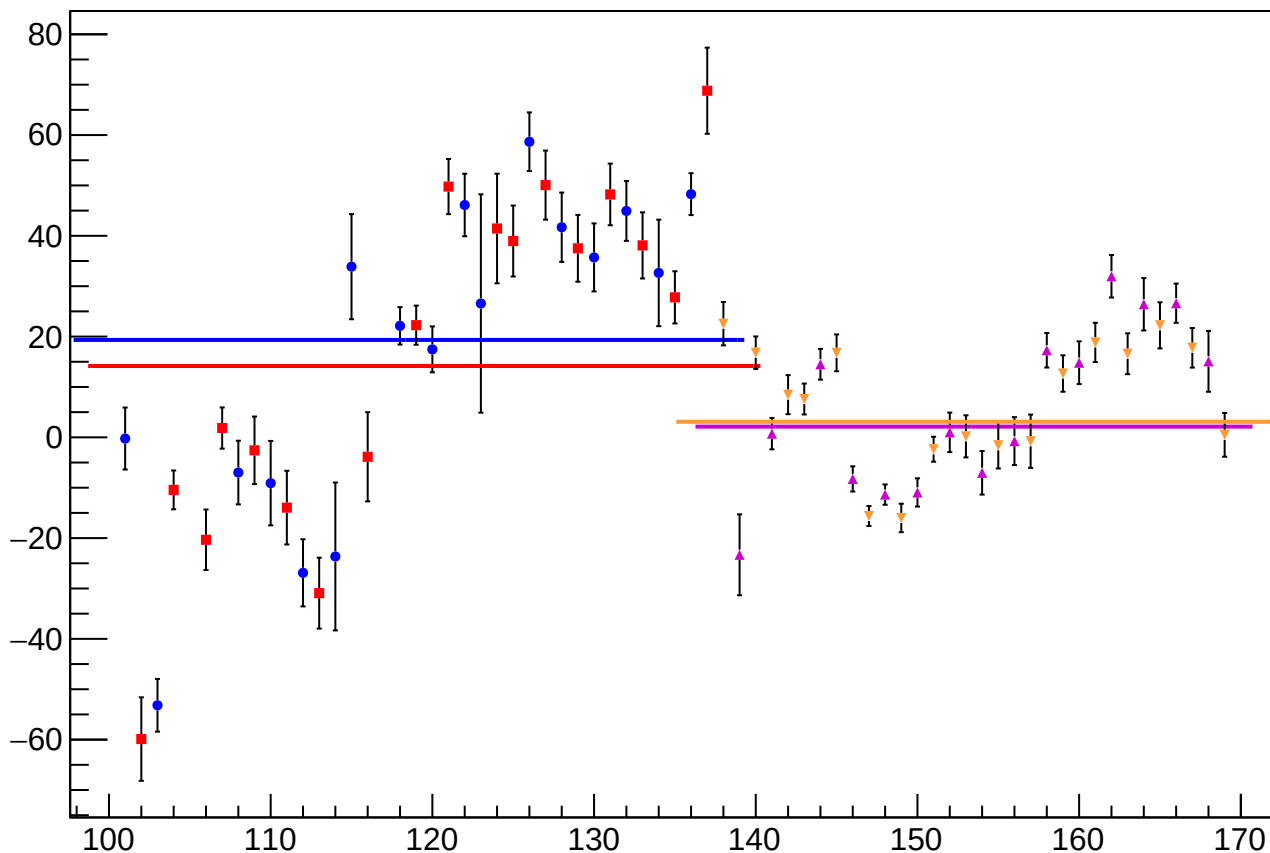
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.209+/-1.280 χ^2/NDF : 658.1/14

Out: 189.452+/-1.210 χ^2/NDF : 747.8/16

All: 191.224+/-0.879 χ^2/NDF : 1410.4/31

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 3.091 ± 0.831 χ^2/NDF : 264.3/16

Right Out: 14.162 ± 1.391 χ^2/NDF : 426.0/17

Left In: 2.130 ± 0.895 χ^2/NDF : 259.8/14

Left: 2.646 ± 0.609 χ^2/NDF : 524.7/31

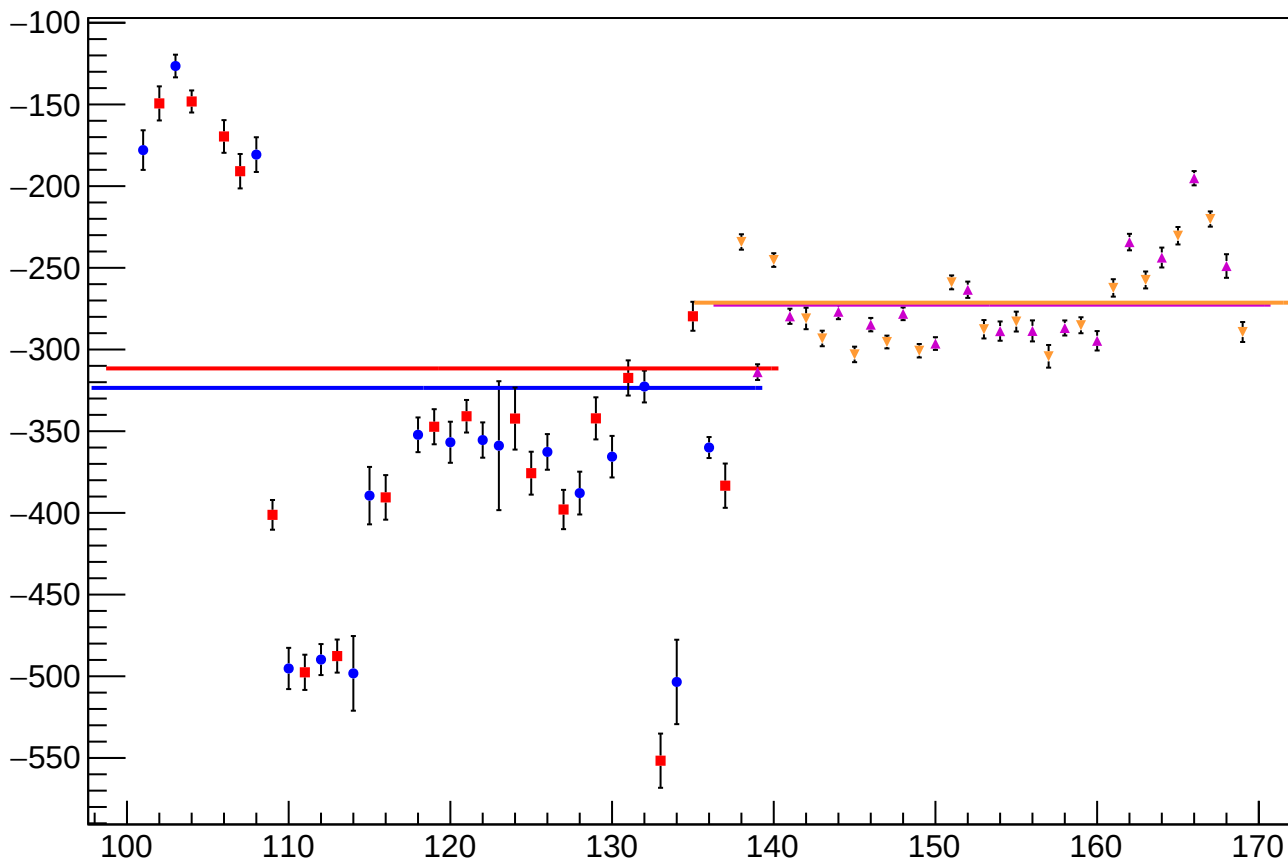
Right: 16.585 ± 1.014 χ^2/NDF : 872.4/34

In: 6.728 ± 0.766 χ^2/NDF : 798.4/31

Out: 6.001 ± 0.713 χ^2/NDF : 737.0/34

All: 6.338 ± 0.522 χ^2/NDF : 1535.9/66

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: -271.327 ± 1.200 $\chi^2/\text{NDF}: 506.5/16$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -272.547 ± 1.256 $\chi^2/\text{NDF}: 568.8/14$

Left: -271.909 ± 0.867 $\chi^2/\text{NDF}: 1075.8/31$

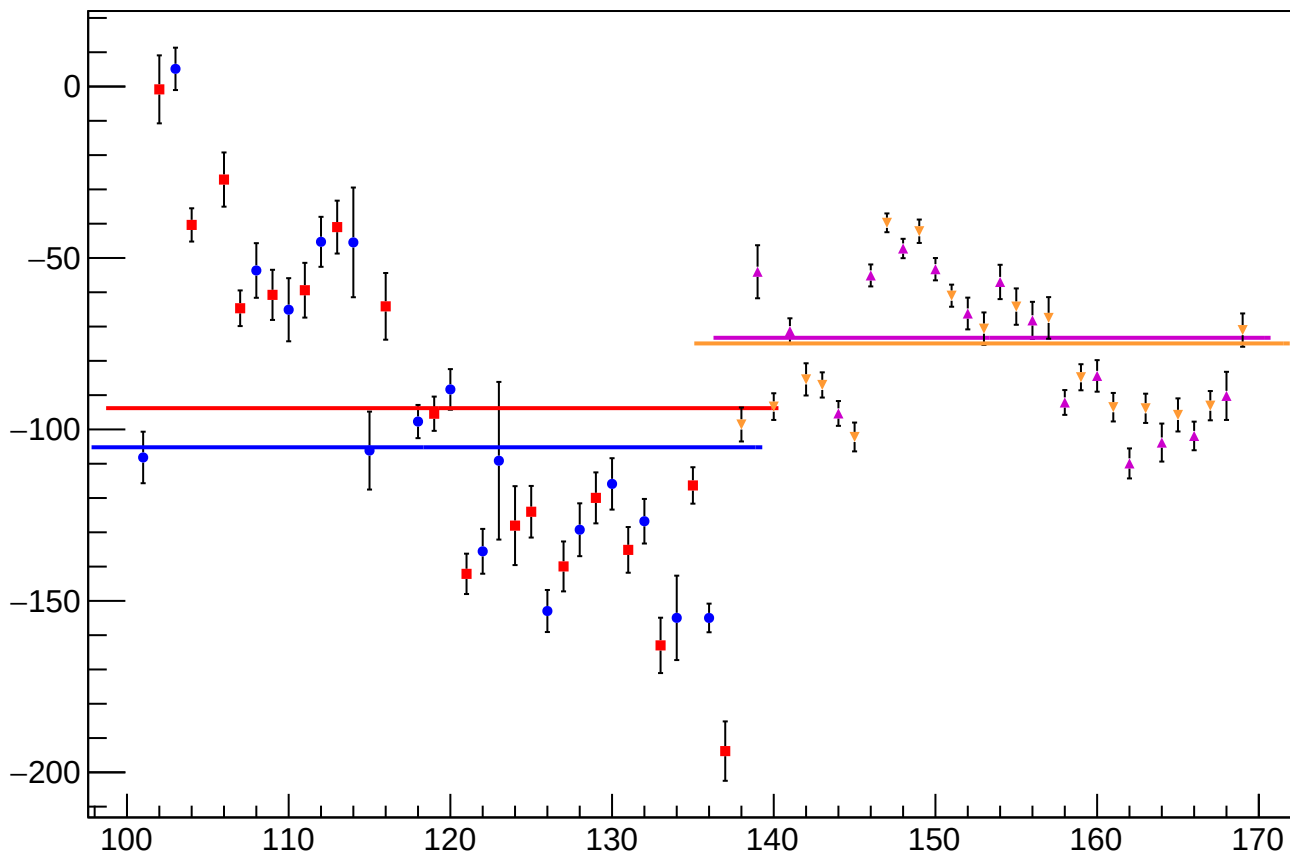
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -281.757 ± 1.136 $\chi^2/\text{NDF}: 2714.0/31$

Out: -278.732 ± 1.084 $\chi^2/\text{NDF}: 2957.3/34$

All: -280.173 ± 0.784 $\chi^2/\text{NDF}: 5675.0/66$

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: -74.922 ± 0.987 χ^2/NDF : 468.9/16

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -73.275 ± 1.061 χ^2/NDF : 398.9/14

Left: -74.158 ± 0.722 χ^2/NDF : 869.1/31

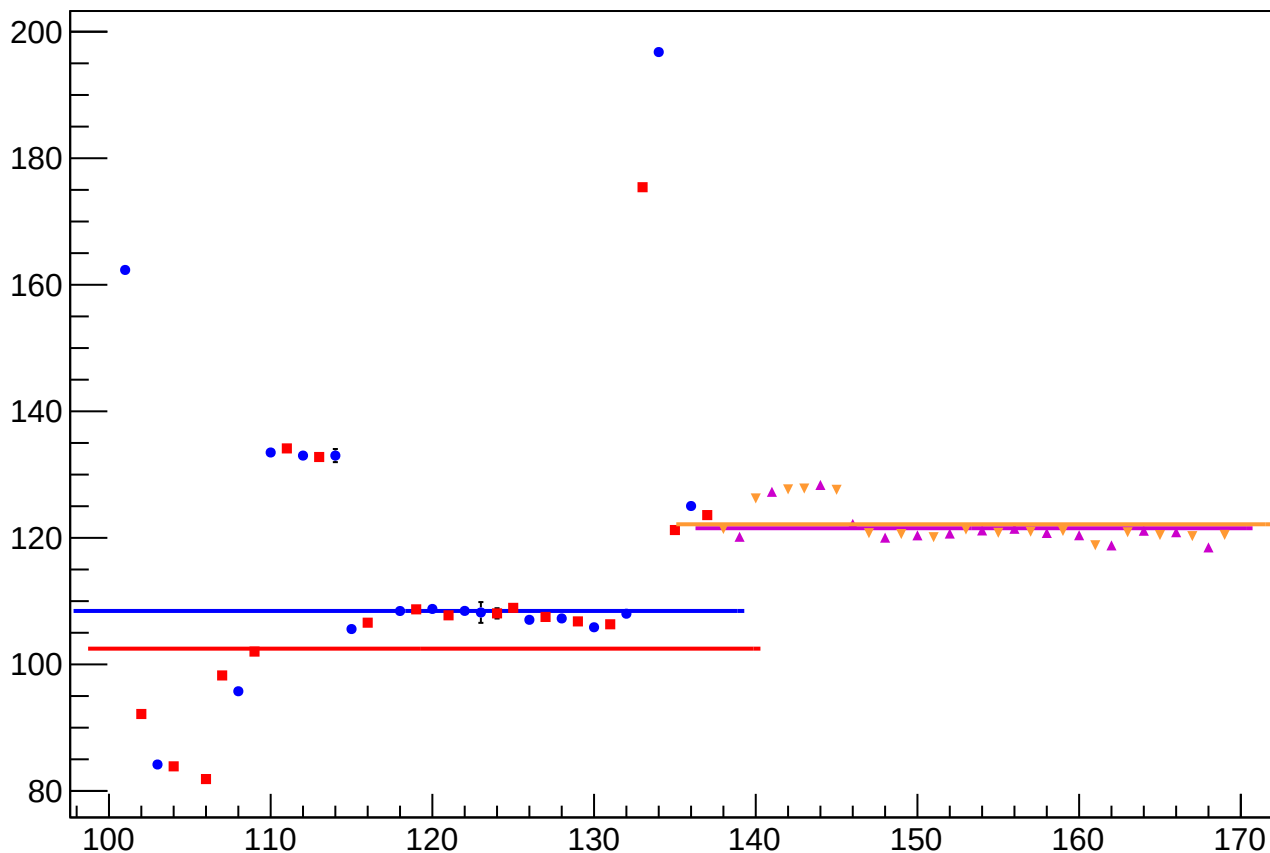
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -82.250 ± 0.900 χ^2/NDF : 1389.1/31

Out: -80.068 ± 0.841 χ^2/NDF : 1384.1/34

All: -81.086 ± 0.614 χ^2/NDF : 2776.3/66

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: 122.146 $\pm$ 0.048 χ^2 /NDF: 3575.3/16

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.523 $\pm$ 0.050 χ^2 /NDF: 2699.0/14

Left: 121.848 $\pm$ 0.035 χ^2 /NDF: 6354.8/31

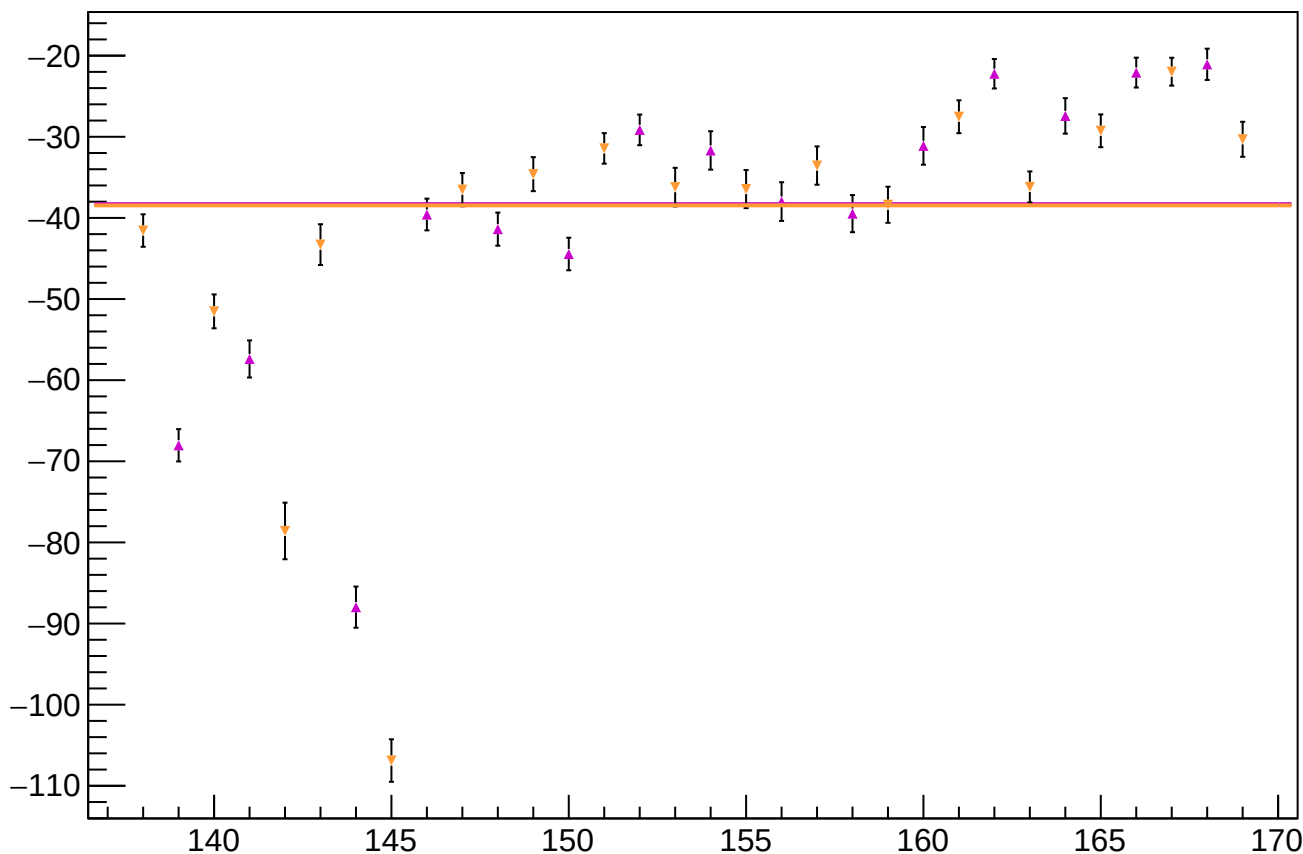
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.125 $\pm$ 0.043 χ^2 /NDF: 93560.7/31

Out: 116.896 $\pm$ 0.041 χ^2 /NDF: 101172.7/34

All: 117.480 $\pm$ 0.030 χ^2 /NDF: 195157.5/66

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected

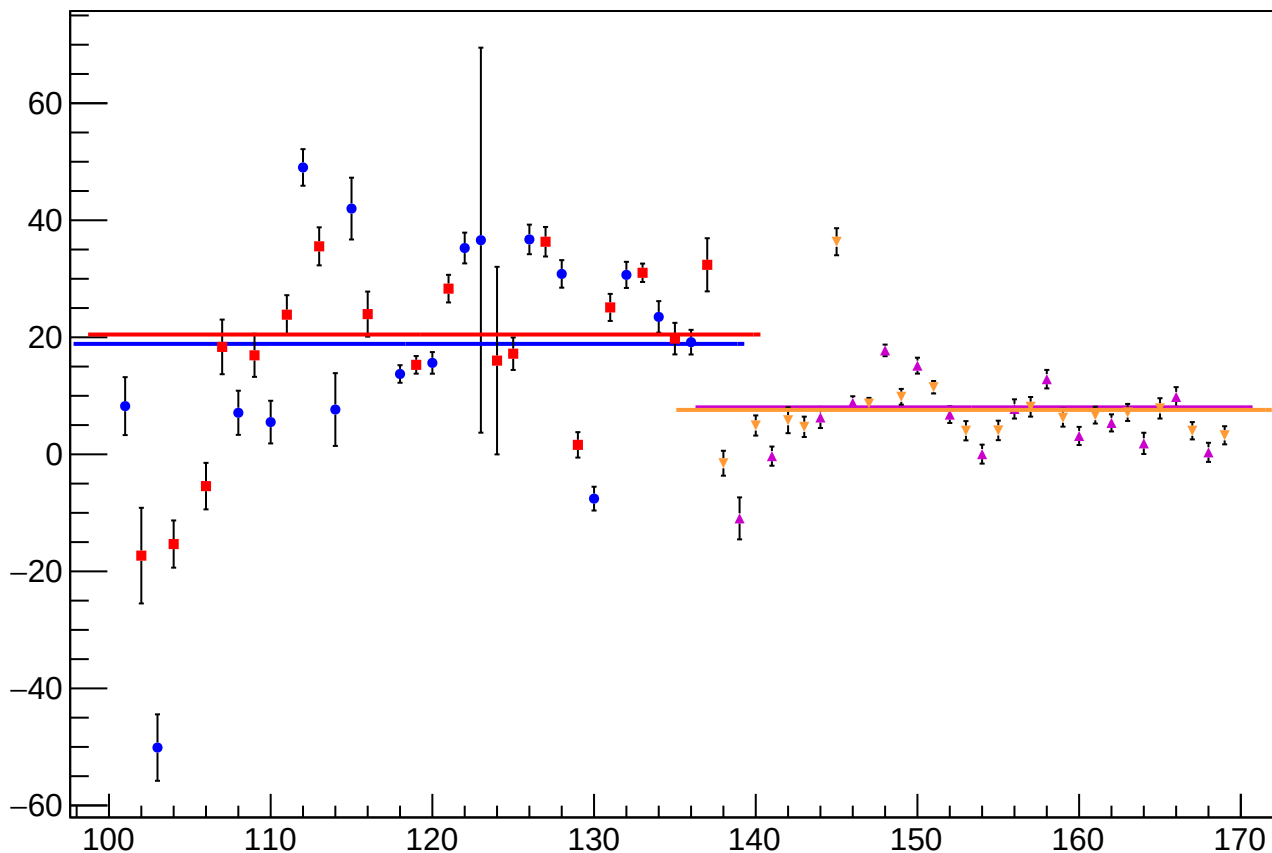


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.449+/-0.522 χ^2/NDF :1042.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.307+/-0.540 χ^2/NDF :990.1/14

Left: -38.381+/-0.375 χ^2/NDF : 2032.3/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -38.307+/-0.540 χ^2/NDF :990.1/14
 Out: -38.449+/-0.522 χ^2/NDF :1042.1/16

All: -38.381+/-0.375 χ^2/NDF : 2032.3/31

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2/NDF : 620.5/16

Left Out: 7.593+/-0.367 χ^2/NDF :220.2/16

Right Out: 20.474+/-0.644 χ^2/NDF : 362.4/17

Left In: 8.029+/-0.388 χ^2/NDF :261.3/14

Left: 7.799+/-0.266 χ^2/NDF : 482.1/31

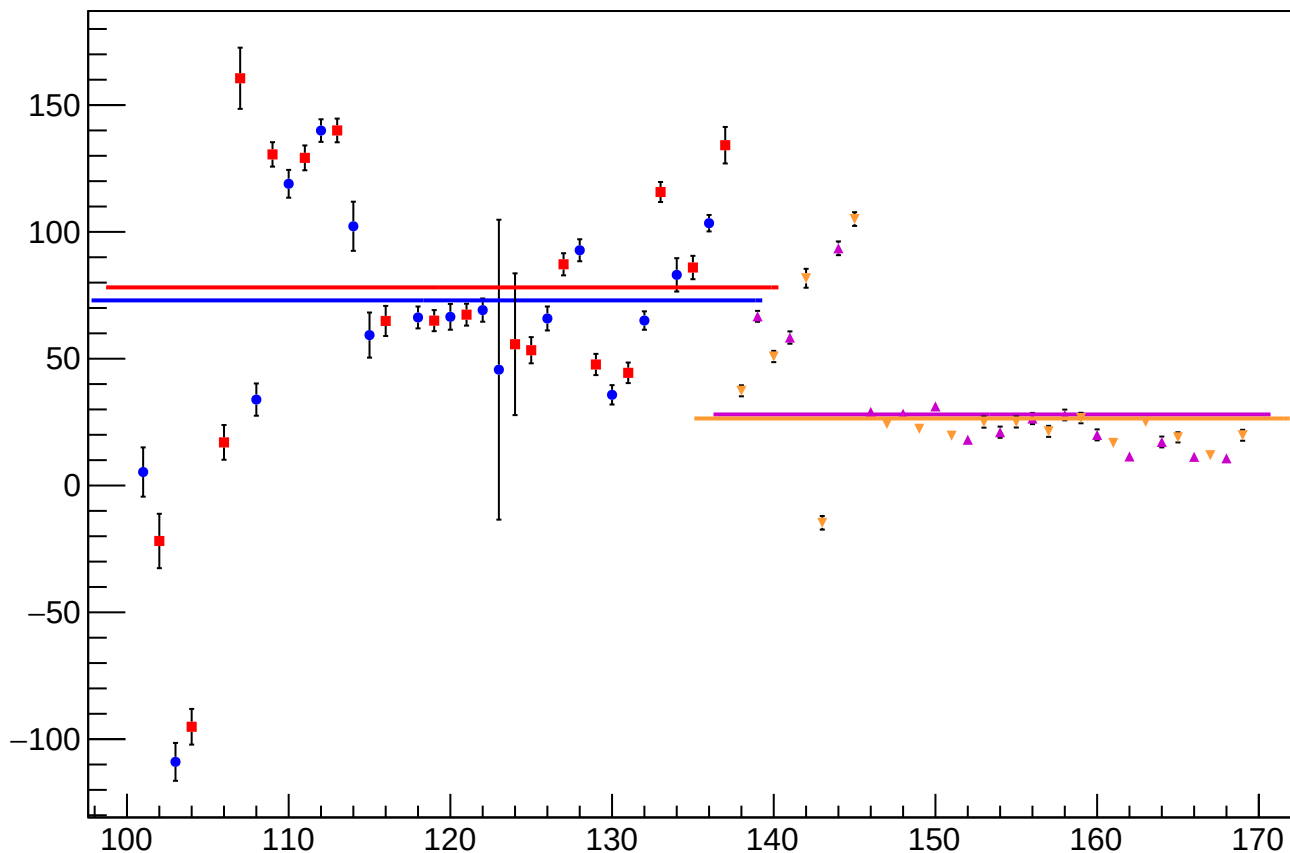
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 10.916+/-0.332 χ^2/NDF :1089.7/31

Out: 10.748+/-0.319 χ^2/NDF :885.1/34

All: 10.828+/-0.230 χ^2/NDF : 1974.9/66

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: 26.436 $\pm$ 0.512 χ^2 /NDF:1589.4/16

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 28.011 $\pm$ 0.526 χ^2 /NDF:1393.4/14

Left: 27.202 $\pm$ 0.367 χ^2 /NDF: 2987.4/31

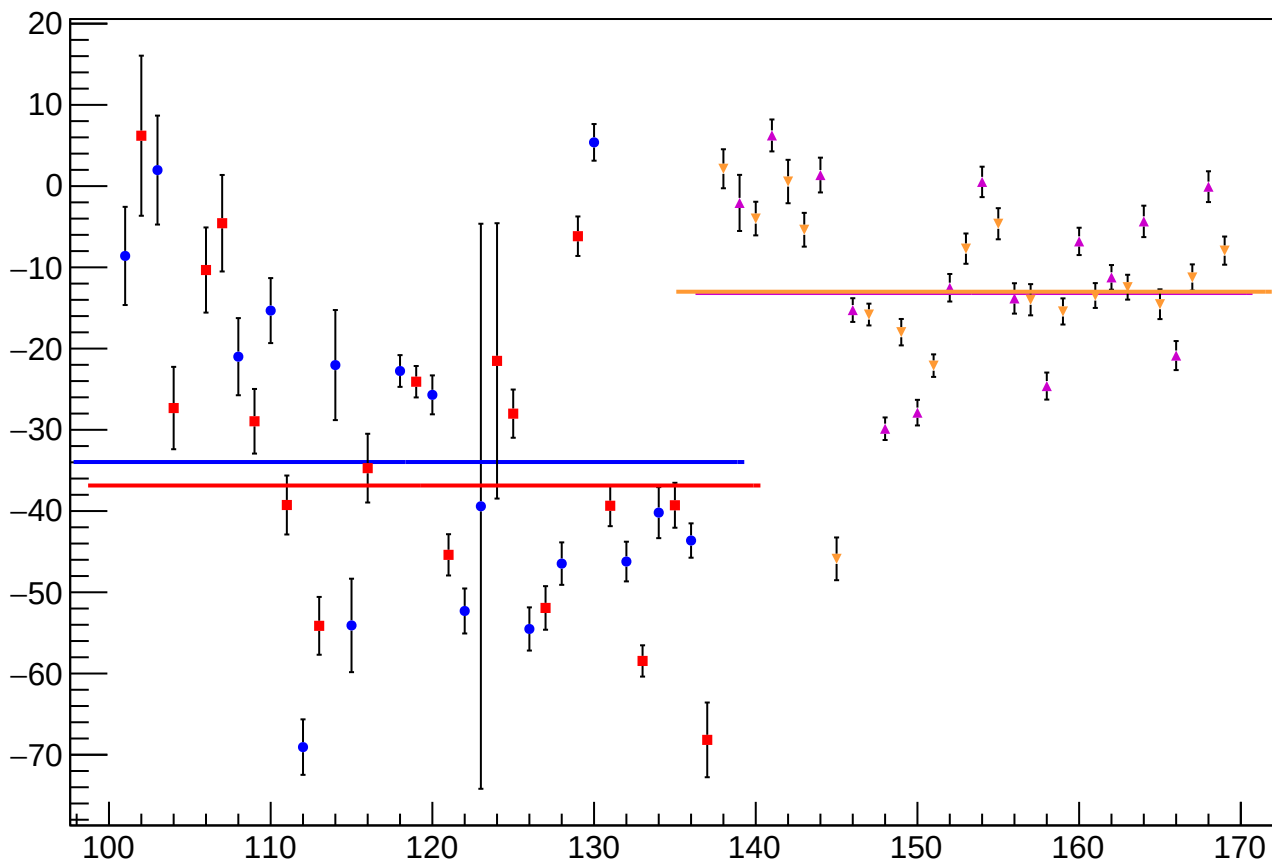
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 34.971 $\pm$ 0.484 χ^2 /NDF:3729.3/31

Out: 34.142 $\pm$ 0.473 χ^2 /NDF:4653.6/34

All: 34.547 $\pm$ 0.338 χ^2 /NDF: 8384.4/66

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: -12.999 ± 0.428 χ^2/NDF : 351.2/16

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -13.159 ± 0.453 χ^2/NDF : 591.8/14

Left: -13.075 ± 0.311 χ^2/NDF : 943.0/31

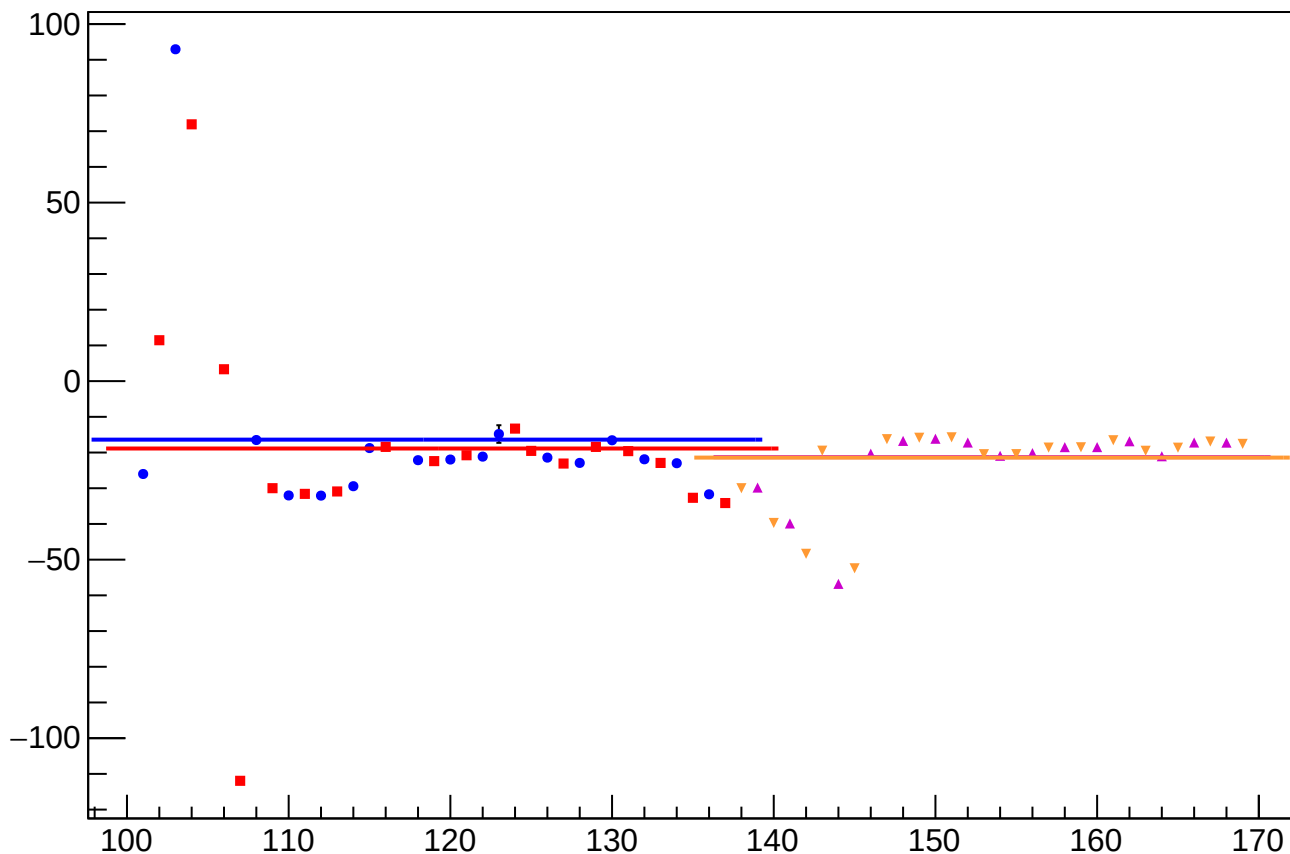
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -18.854 ± 0.386 χ^2/NDF : 1891.6/31

Out: -19.013 ± 0.370 χ^2/NDF : 1670.3/34

All: -18.937 ± 0.267 χ^2/NDF : 3562.0/66

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: -21.417 ± 0.020 $\chi^2/\text{NDF}: 191332.0/16$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -21.293 ± 0.021 $\chi^2/\text{NDF}: 160664.3/14$

Left: -21.357 ± 0.014 $\chi^2/\text{NDF}: 352014.5/31$

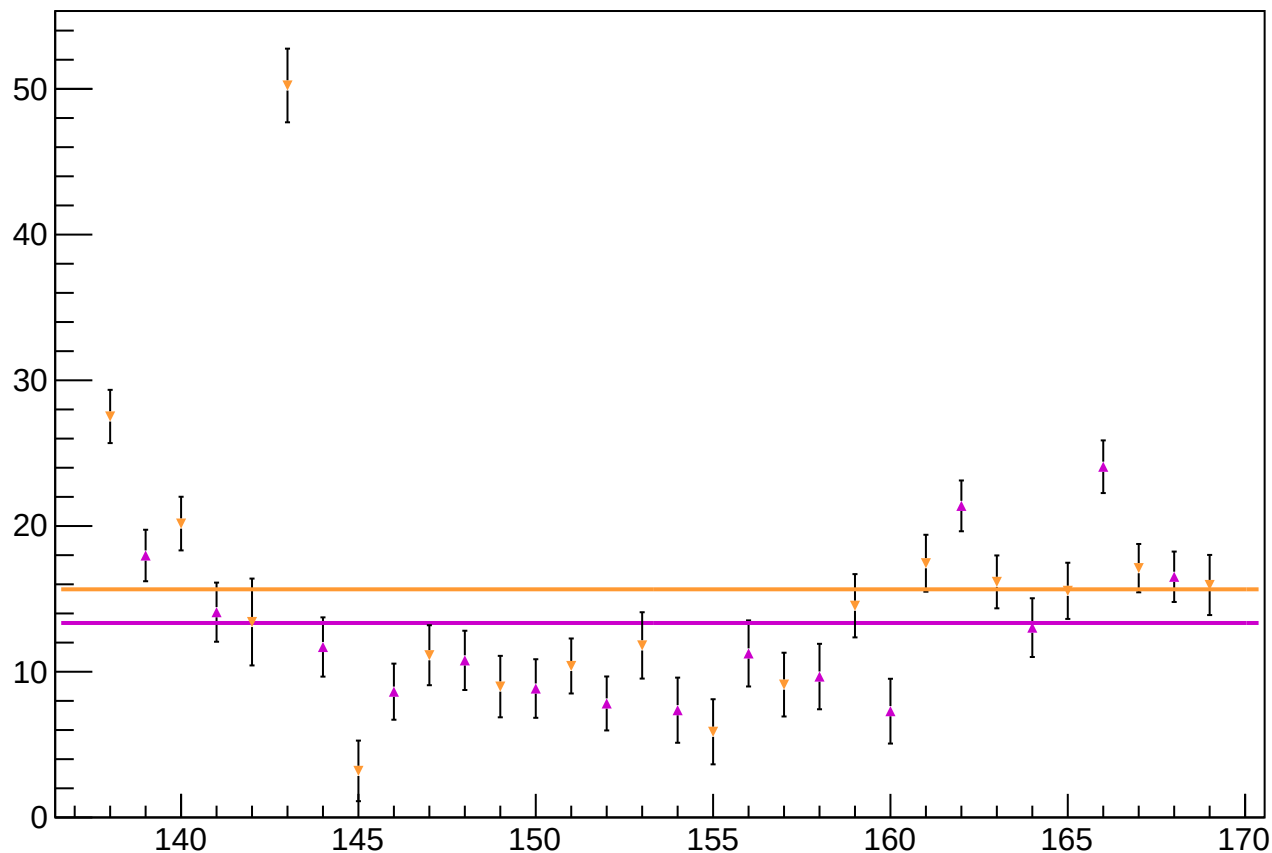
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.418 ± 0.019 $\chi^2/\text{NDF}: 644968.2/31$

Out: -20.998 ± 0.018 $\chi^2/\text{NDF}: 627338.2/34$

All: -20.714 ± 0.013 $\chi^2/\text{NDF}: 1272792.4/66$

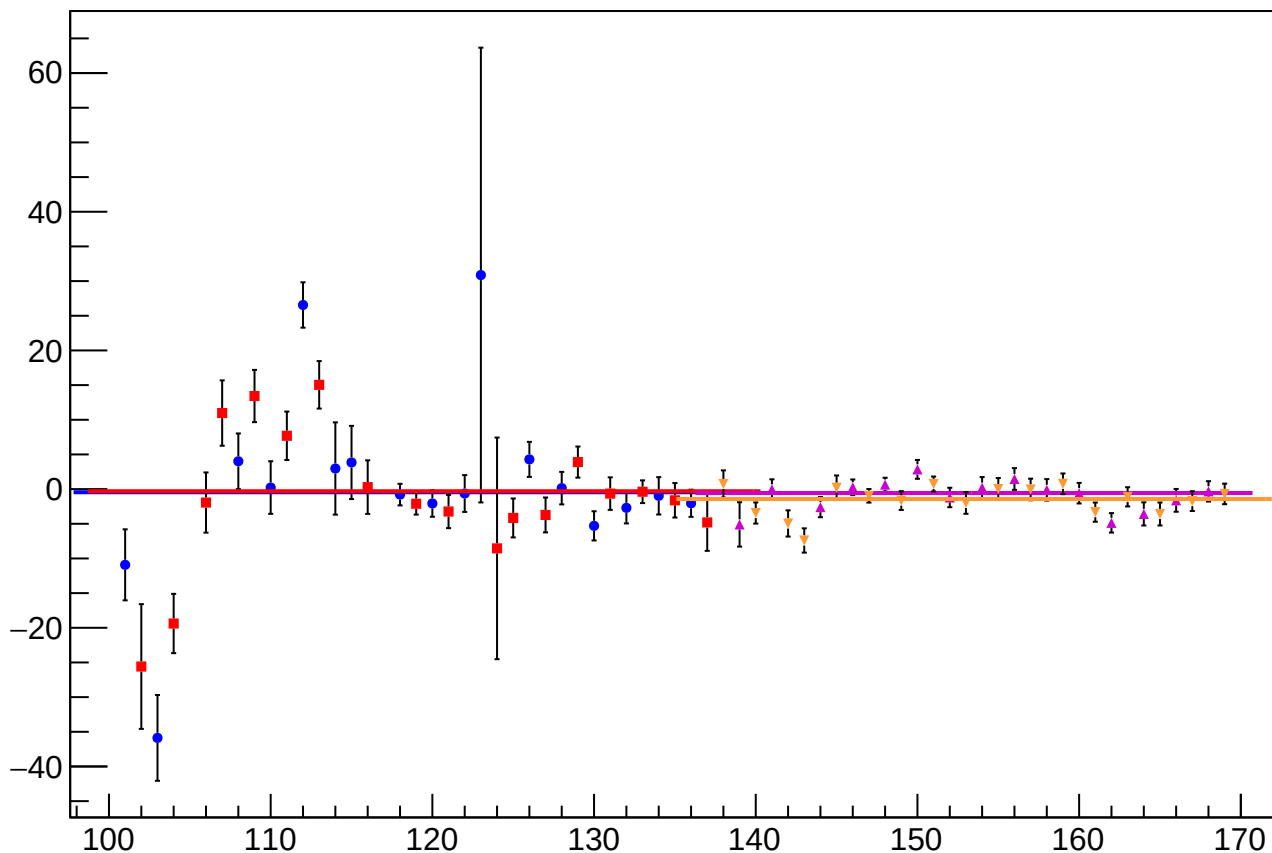
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 15.656 ± 0.495 χ^2/NDF : 327.3/16
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 13.346 ± 0.509 χ^2/NDF : 107.1/14

Left: 14.533 ± 0.355 χ^2/NDF : 445.0/31
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 13.346 ± 0.509 χ^2/NDF : 107.1/14
 Out: 15.656 ± 0.495 χ^2/NDF : 327.3/16
 All: 14.533 ± 0.355 χ^2/NDF : 445.0/31

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: -1.430 ± 0.352 χ^2/NDF : 31.1/16

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.560 ± 0.370 χ^2/NDF : 27.7/14

Left: -1.017 ± 0.255 χ^2/NDF : 61.7/31

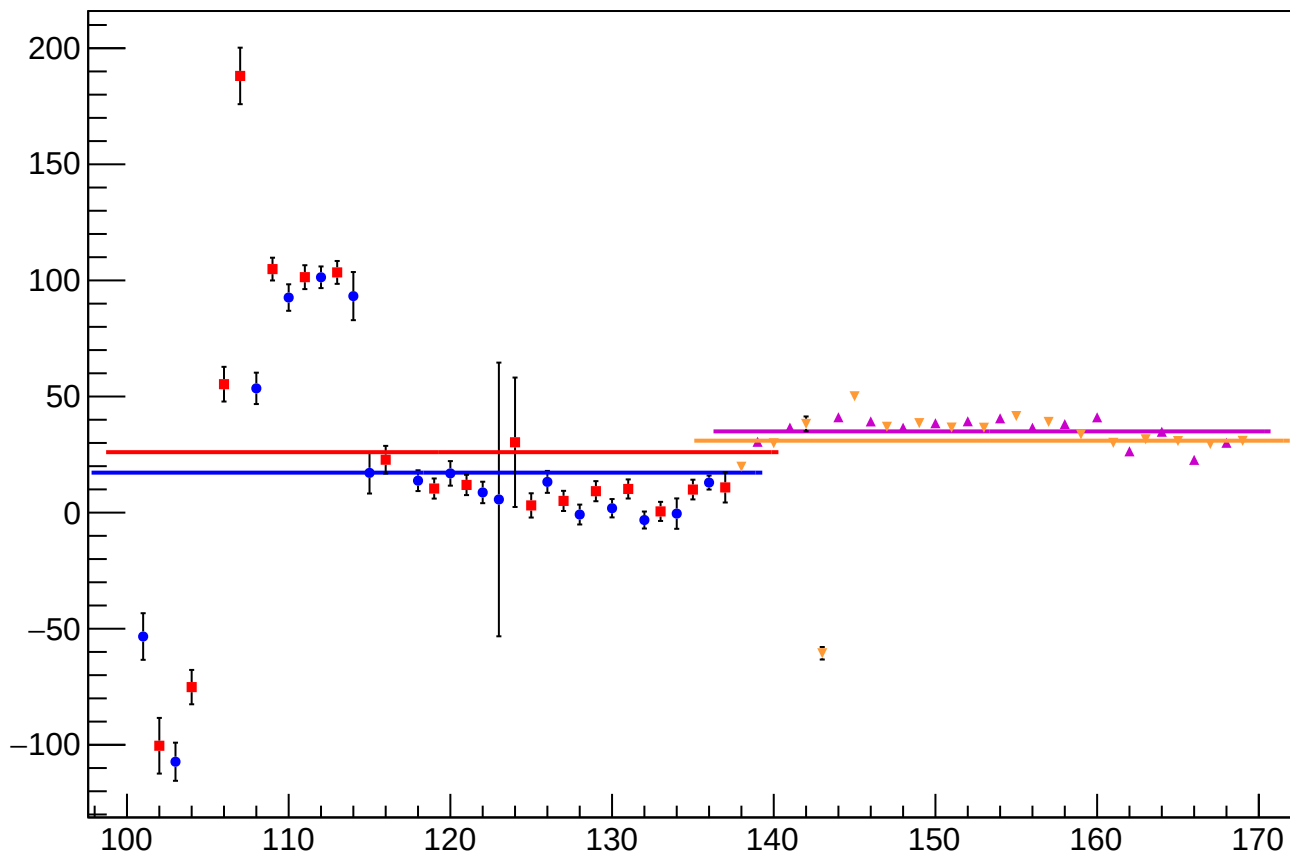
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.534 ± 0.322 χ^2/NDF : 147.3/31

Out: -1.180 ± 0.310 χ^2/NDF : 117.5/34

All: -0.869 ± 0.223 χ^2/NDF : 266.8/66

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 30.984 ± 0.487 $\chi^2/\text{NDF}: 1353.3/16$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 34.984 ± 0.498 $\chi^2/\text{NDF}: 126.8/14$

Left: 32.941 ± 0.348 $\chi^2/\text{NDF}: 1513.0/31$

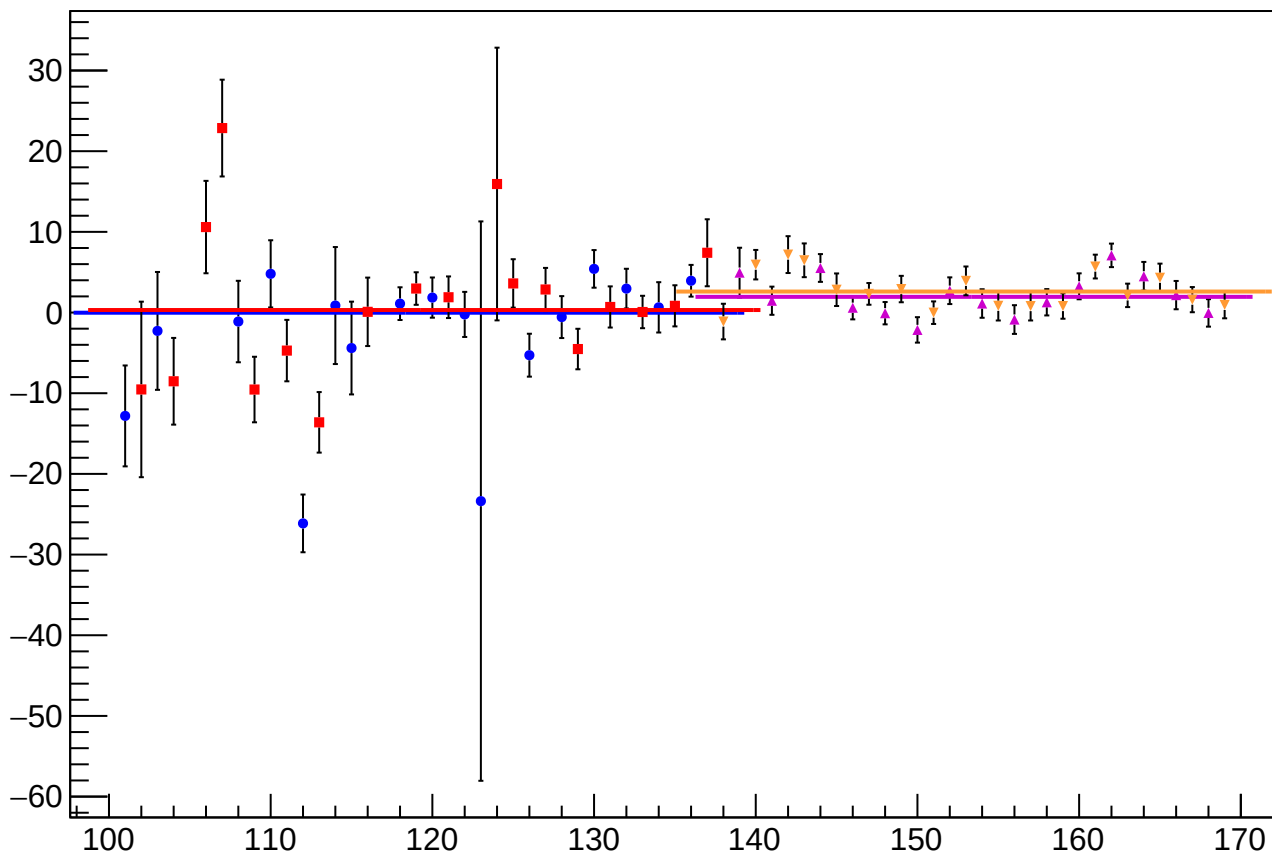
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 32.519 ± 0.462 $\chi^2/\text{NDF}: 1243.4/31$

Out: 30.325 ± 0.454 $\chi^2/\text{NDF}: 2733.0/34$

All: 31.402 ± 0.324 $\chi^2/\text{NDF}: 3987.9/66$

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: 2.602 ± 0.409 χ^2/NDF : 27.9/16

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.945 ± 0.431 χ^2/NDF : 34.7/14

Left: 2.291 ± 0.297 χ^2/NDF : 63.9/31

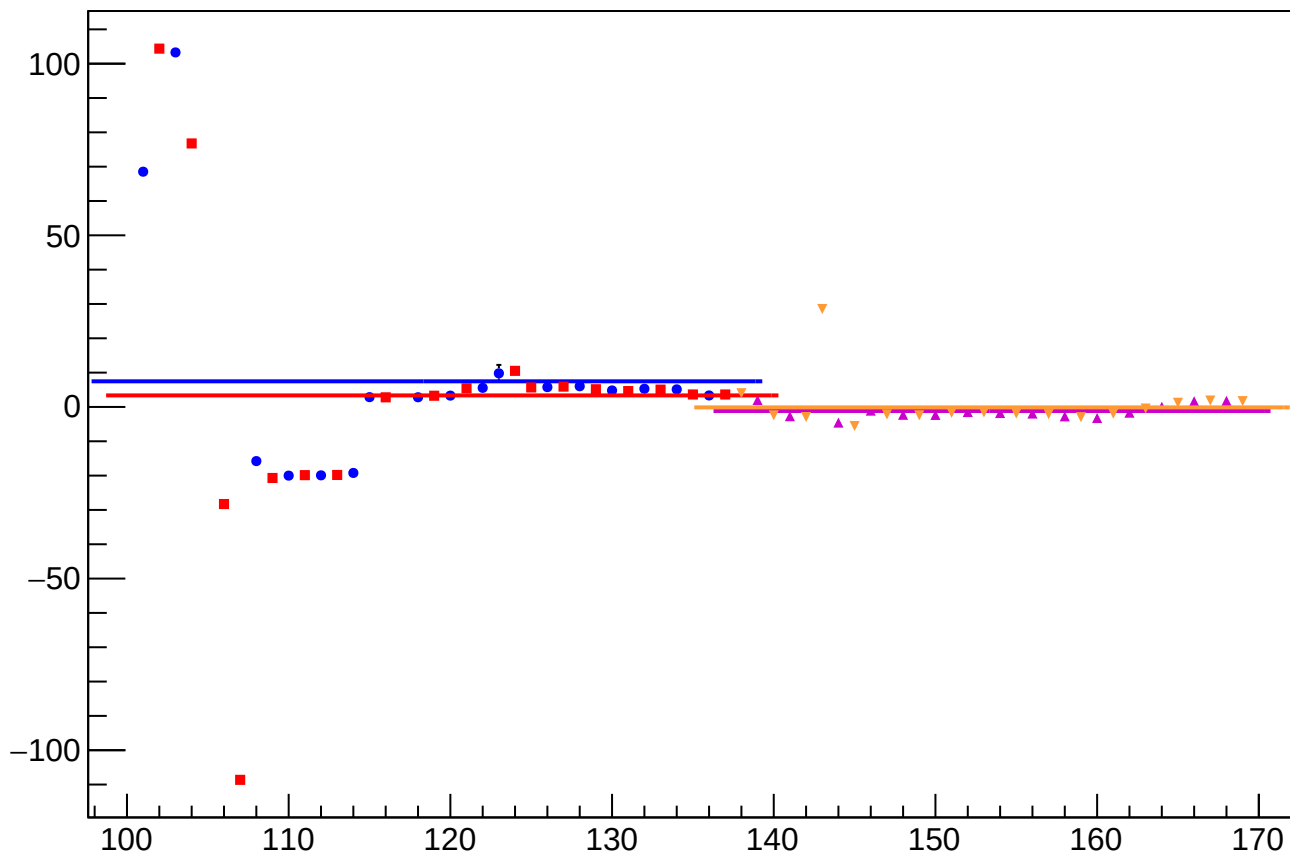
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.453 ± 0.373 χ^2/NDF : 115.8/31

Out: 2.076 ± 0.359 χ^2/NDF : 89.2/34

All: 1.776 ± 0.259 χ^2/NDF : 206.4/66

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: -0.128+/-0.019 χ^2/NDF : 85629.4/16

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -1.173+/-0.020 χ^2/NDF : 9043.5/14

Left: -0.637+/-0.014 χ^2/NDF : 96137.3/31

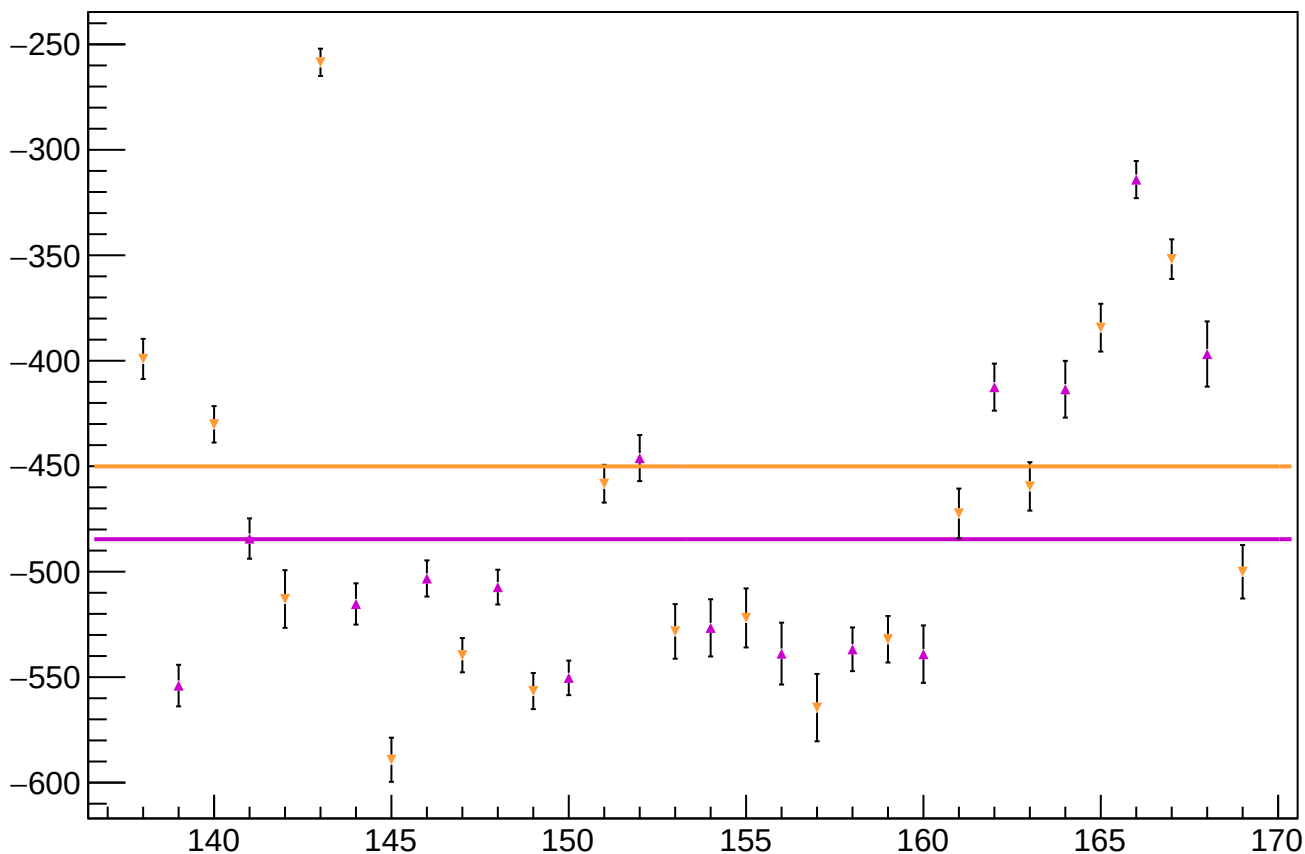
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 0.227+/-0.018 χ^2/NDF : 396564.7/31

Out: 0.392+/-0.018 χ^2/NDF : 595424.9/34

All: 0.311+/-0.013 χ^2/NDF : 992032.7/66

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: -450.088+/-2.444 χ^2/NDF :1715.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -484.603+/-2.685 χ^2/NDF :690.1/14

Left: -465.730+/-1.807 χ^2/NDF : 2496.3/31

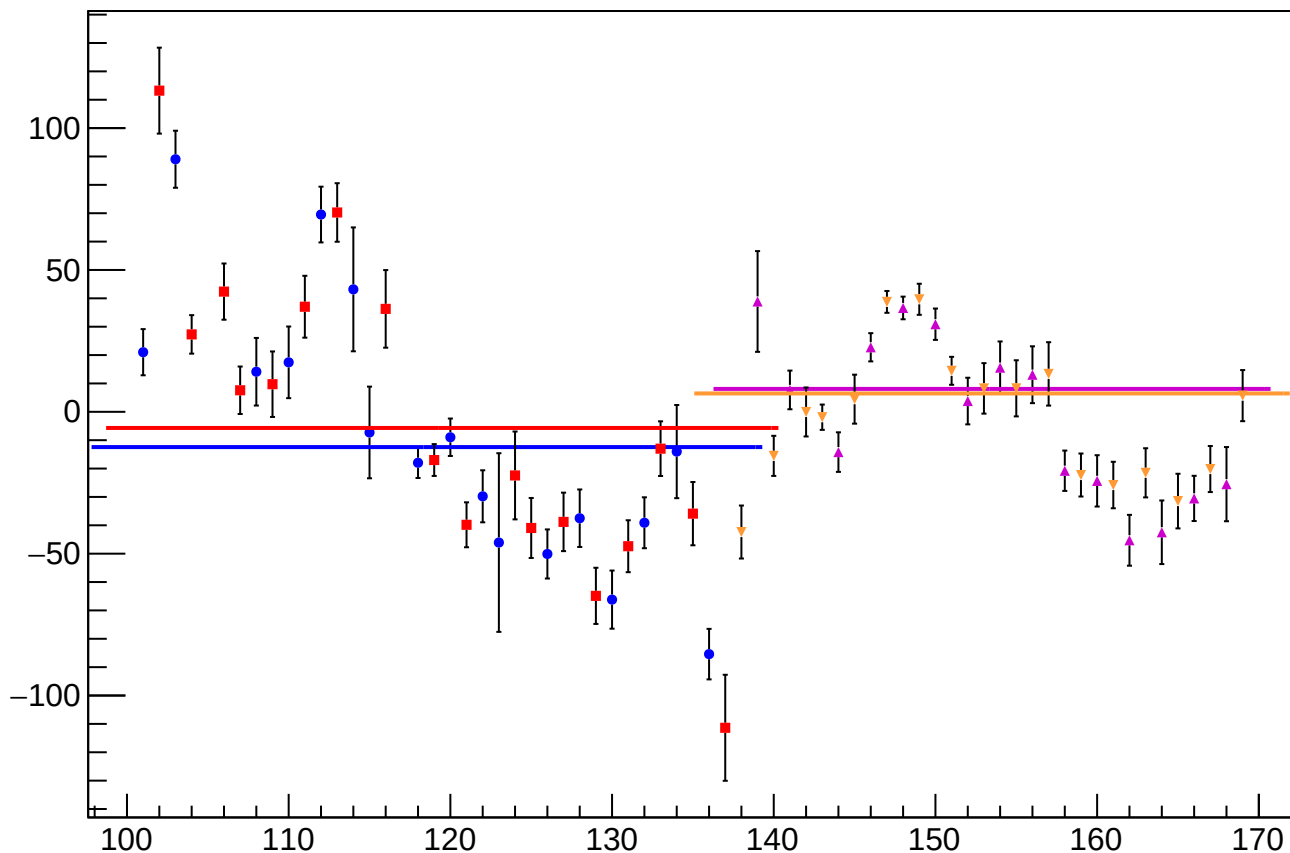
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -484.603+/-2.685 χ^2/NDF :690.1/14

Out: -450.088+/-2.444 χ^2/NDF :1715.9/16

All: -465.730+/-1.807 χ^2/NDF : 2496.3/31

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 6.470 ± 1.654 χ^2/NDF : 218.1/16

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 8.075 ± 1.851 χ^2/NDF : 206.4/14

Left: 7.182 ± 1.233 χ^2/NDF : 424.9/31

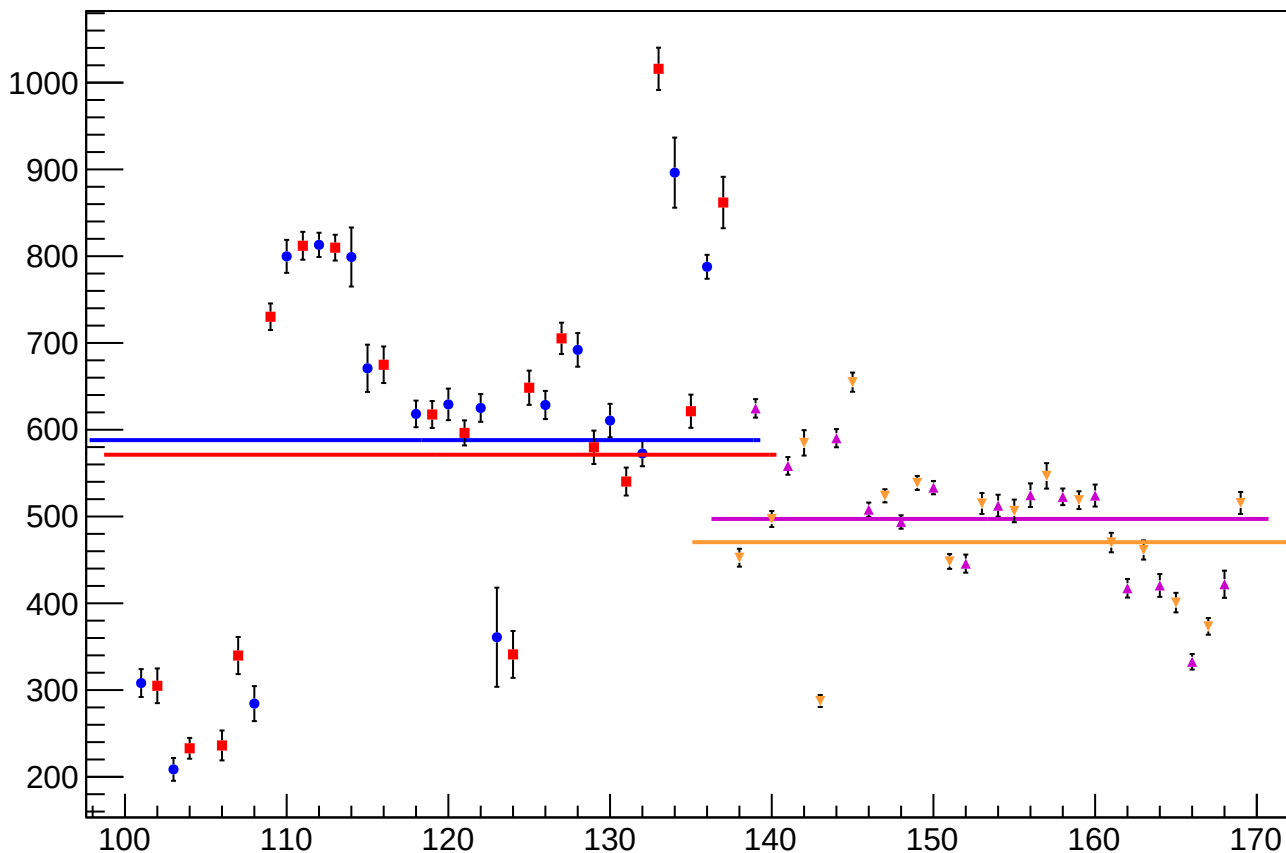
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 0.076 ± 1.446 χ^2/NDF : 594.5/31

Out: 2.238 ± 1.335 χ^2/NDF : 570.5/34

All: 1.243 ± 0.981 χ^2/NDF : 1166.2/66

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 482.782 ± 1.781 $\chi^2/\text{NDF}: 2236.5/31$

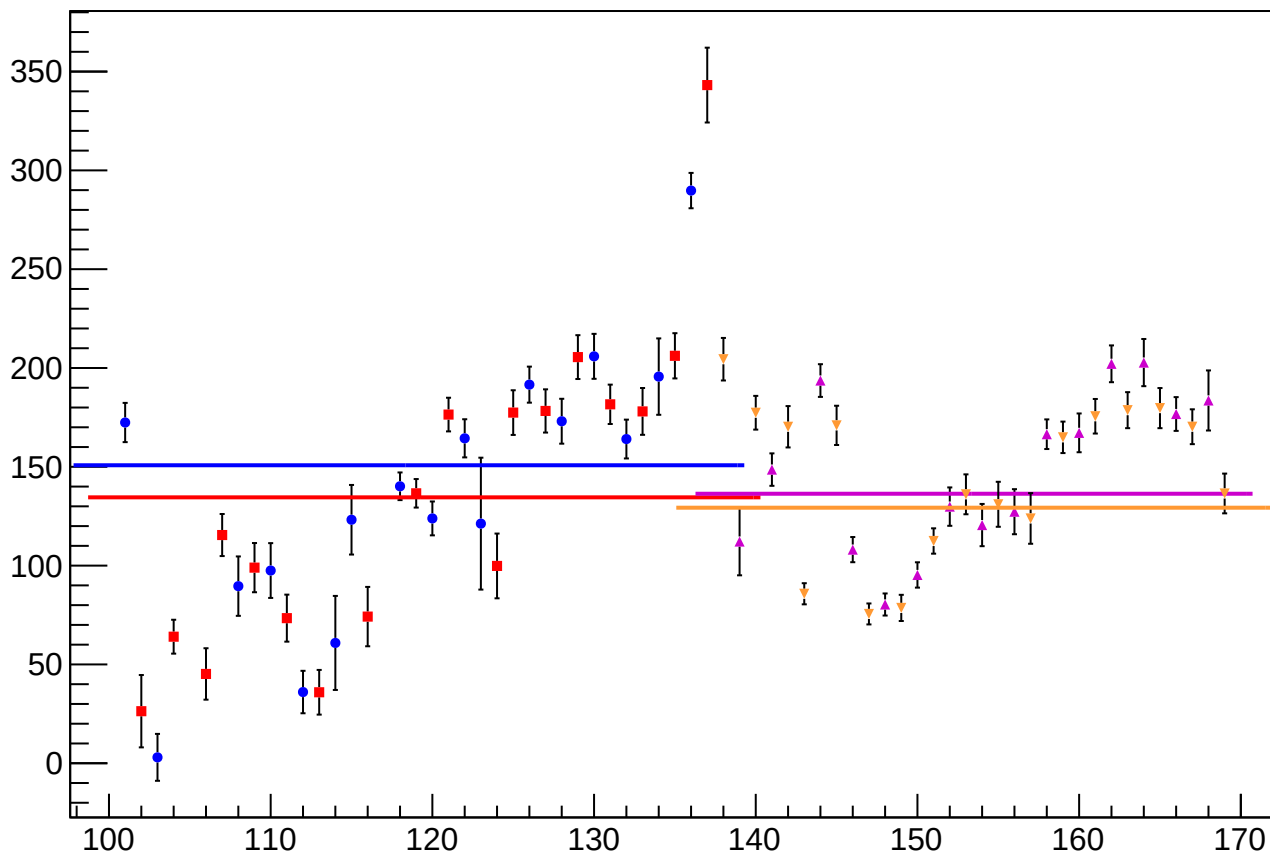
Right: 579.261 ± 2.996 $\chi^2/\text{NDF}: 4816.0/34$

In: 521.610 ± 2.243 $\chi^2/\text{NDF}: 3222.3/31$

Out: 496.097 ± 2.095 $\chi^2/\text{NDF}: 4527.3/34$

All: 507.981 ± 1.531 $\chi^2/\text{NDF}: 7818.6/66$

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: 129.309 $\pm$ 1.976 χ^2 /NDF: 472.6/16

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 136.372 $\pm$ 2.205 χ^2 /NDF: 355.7/14

Left: 132.455 $\pm$ 1.471 χ^2 /NDF: 834.0/31

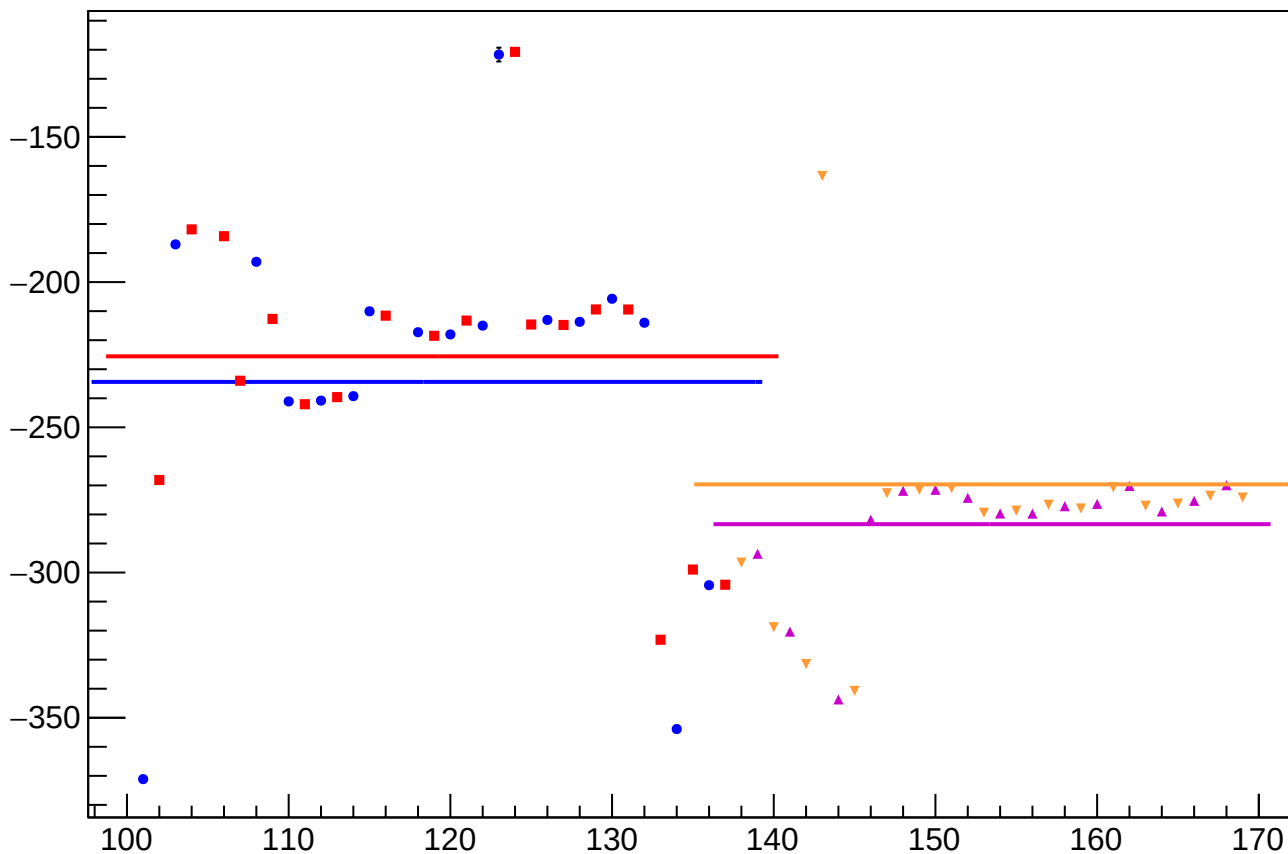
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 142.191 $\pm$ 1.702 χ^2 /NDF: 1006.1/31

Out: 131.209 $\pm$ 1.577 χ^2 /NDF: 1051.4/34

All: 136.281 $\pm$ 1.157 χ^2 /NDF: 2079.9/66

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: -269.646+/-0.098 χ^2/NDF :205180.2/16

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -283.348+/-0.105 χ^2/NDF :31777.6/14

Left: -275.976+/-0.072 χ^2/NDF : 246056.6/31

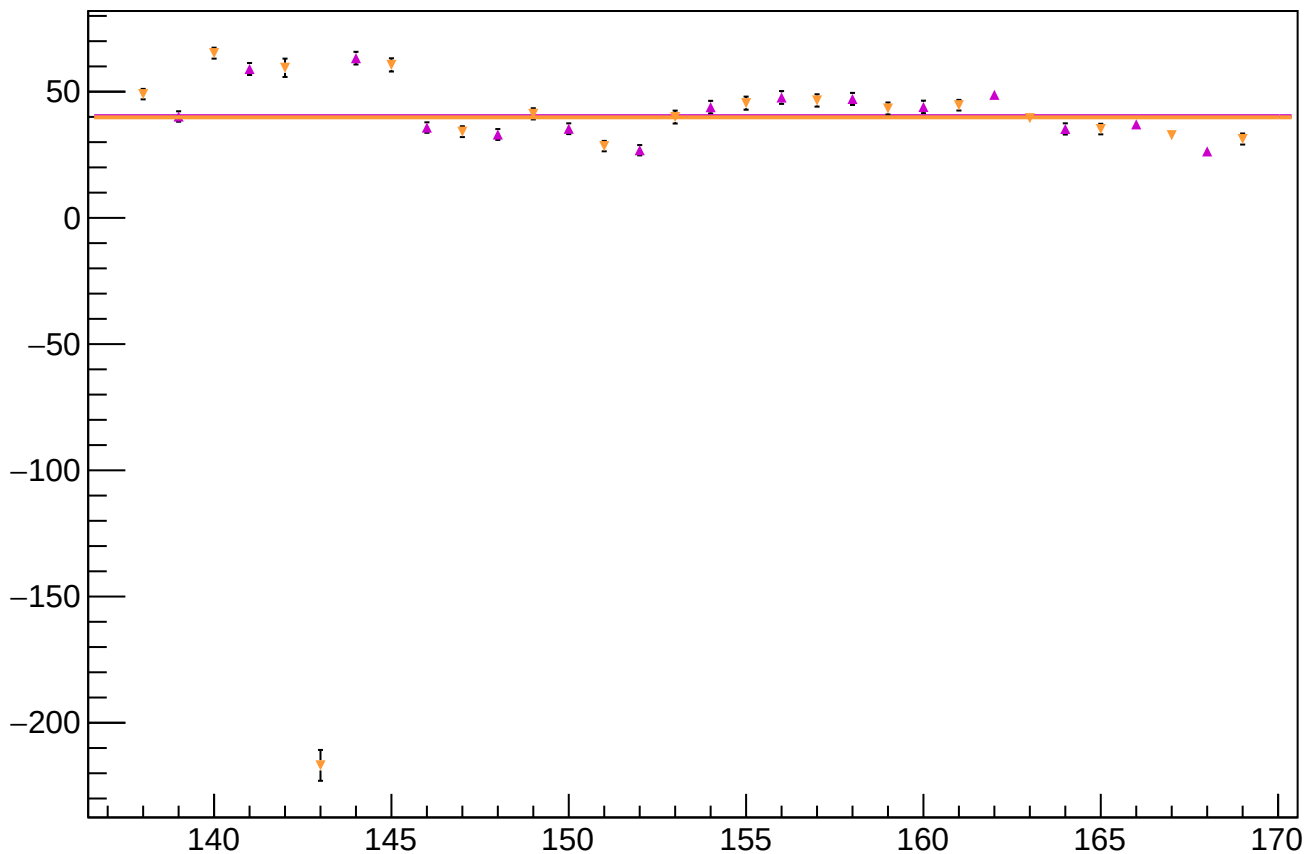
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -266.941+/-0.086 χ^2/NDF :249335.3/31

Out: -255.485+/-0.080 χ^2/NDF :363625.3/34

All: -260.835+/-0.059 χ^2/NDF : 622434.4/66

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: 39.842+/-0.557 χ^2/NDF :2107.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.284+/-0.563 χ^2/NDF :313.0/14

Left: 40.060+/-0.396 χ^2/NDF : 2420.5/31

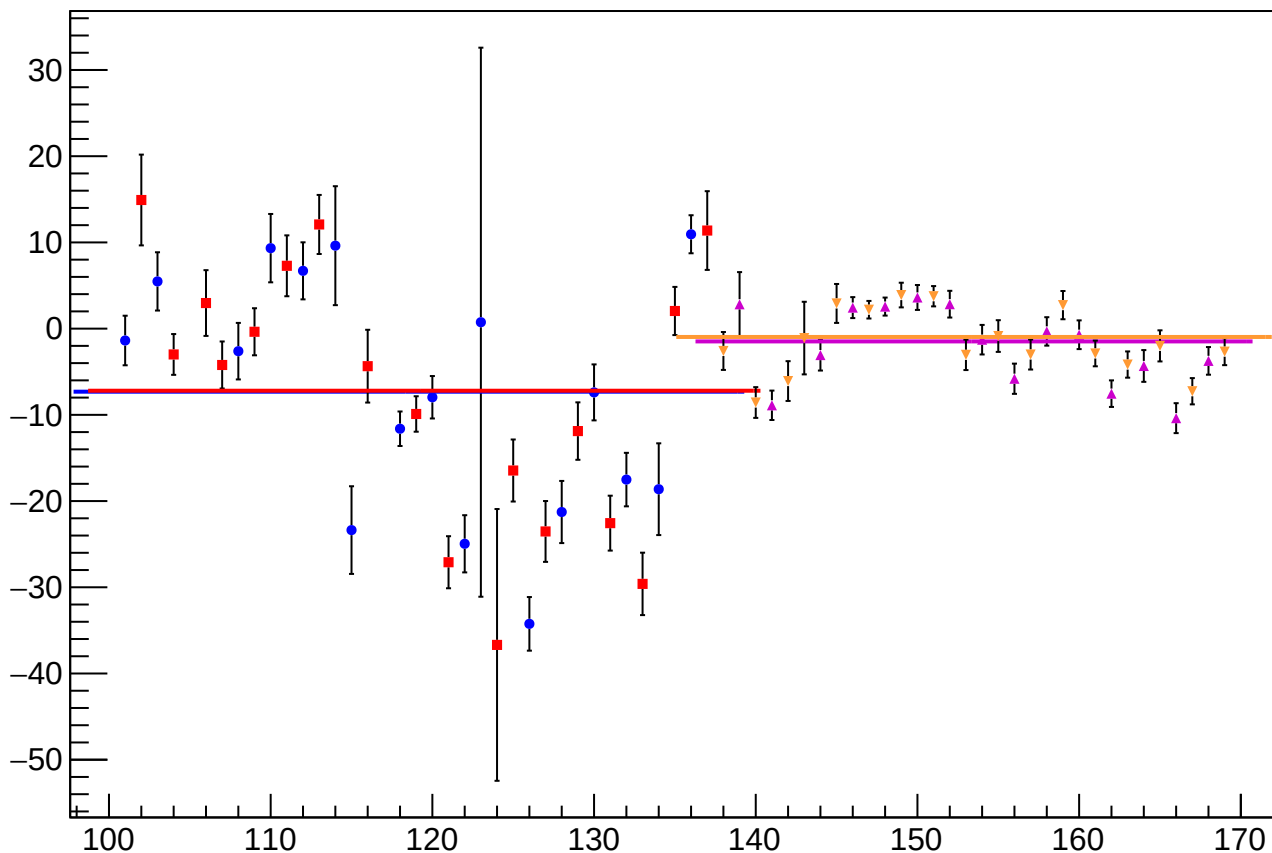
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.284+/-0.563 χ^2/NDF :313.0/14

Out: 39.842+/-0.557 χ^2/NDF :2107.3/16

All: 40.060+/-0.396 χ^2/NDF : 2420.5/31

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: -0.966 ± 0.393 χ^2/NDF : 96.4/16

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -1.483 ± 0.407 χ^2/NDF : 119.5/14

Left: -1.215 ± 0.283 χ^2/NDF : 216.7/31

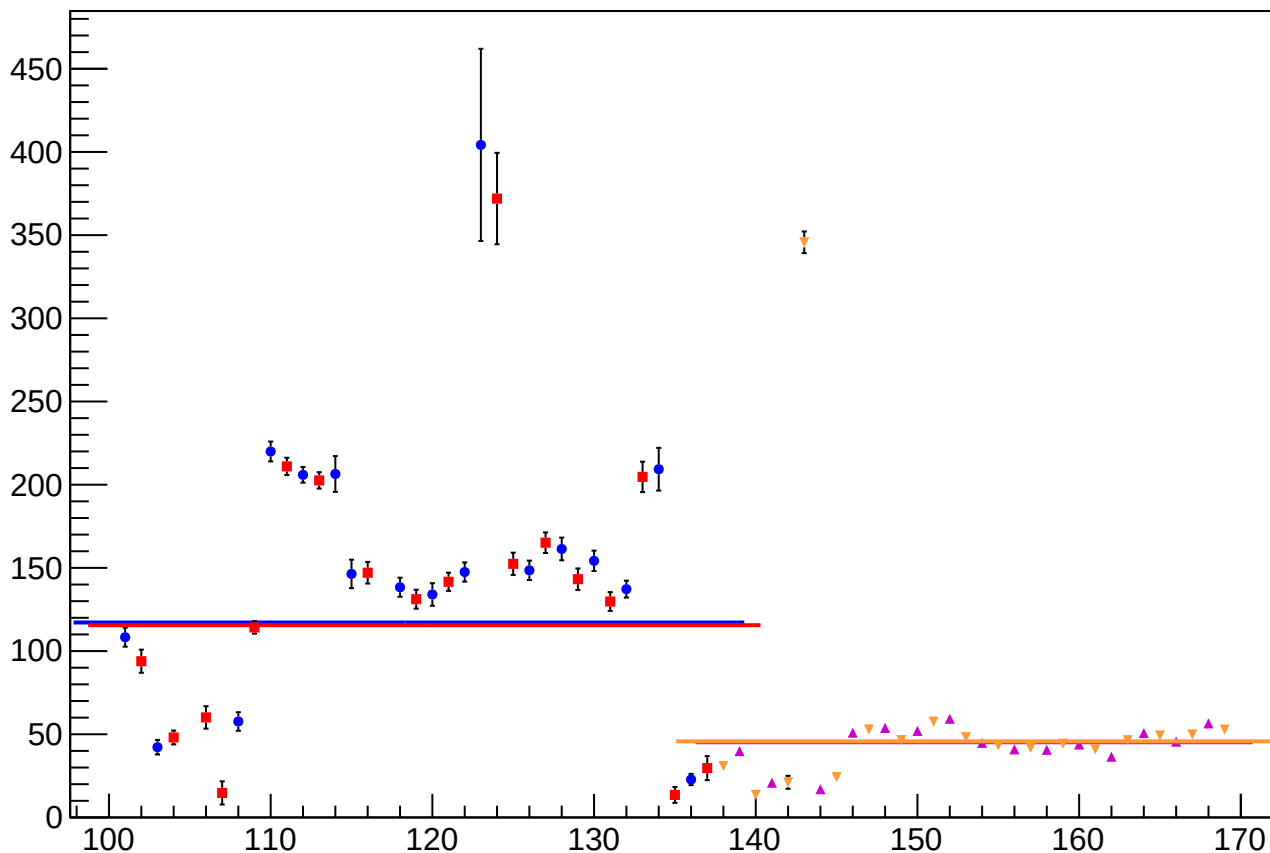
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.729 ± 0.361 χ^2/NDF : 442.5/31

Out: -2.276 ± 0.349 χ^2/NDF : 401.4/34

All: -2.495 ± 0.251 χ^2/NDF : 844.7/66

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: 45.763+/-0.546 χ^2/NDF :2536.3/16

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 45.198+/-0.550 χ^2/NDF :370.1/14

Left: 45.483+/-0.388 χ^2/NDF : 2906.8/31

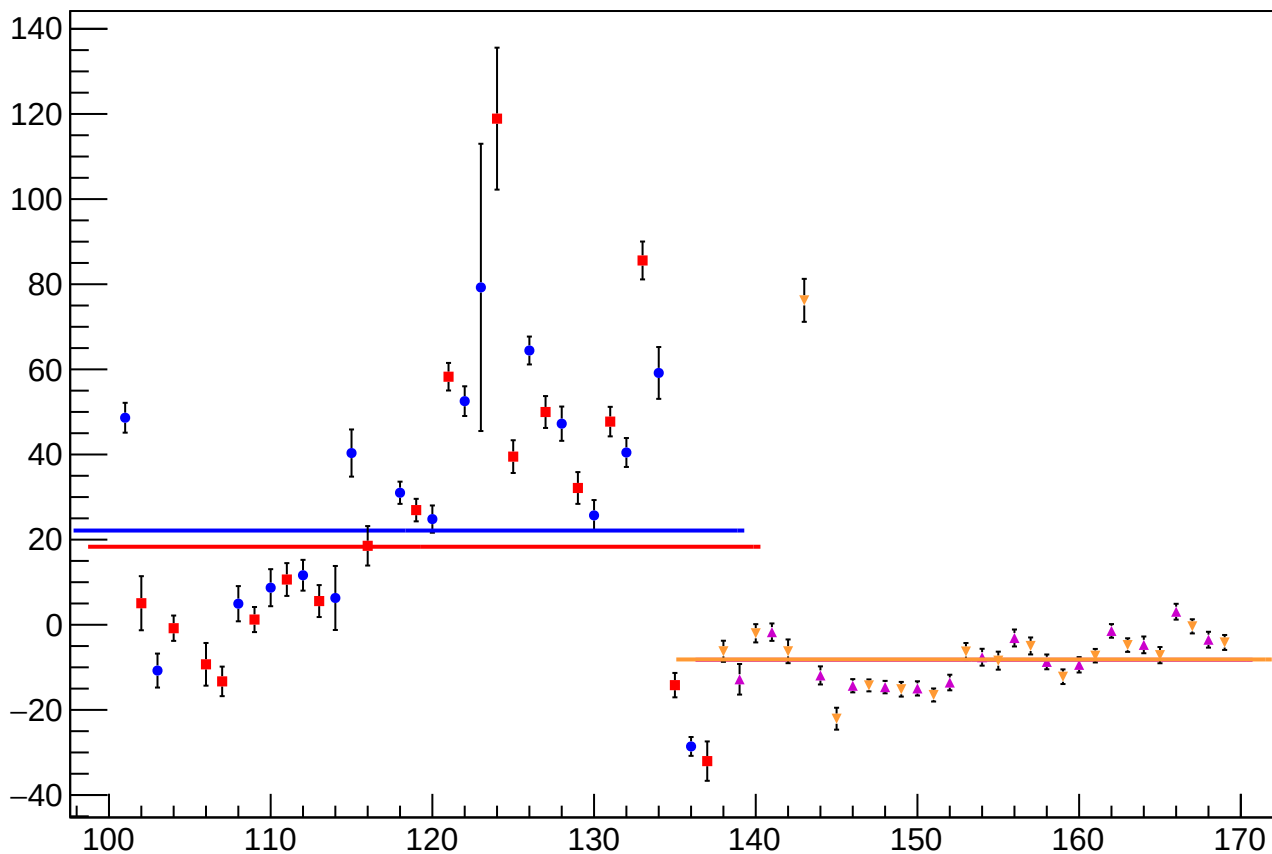
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 54.700+/-0.513 χ^2/NDF :4787.3/31

Out: 55.408+/-0.507 χ^2/NDF :6944.5/34

All: 55.058+/-0.360 χ^2/NDF : 11732.7/66

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: -8.151 $\pm$ 0.457 χ^2 /NDF:423.9/16

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -8.231 $\pm$ 0.474 χ^2 /NDF:145.6/14

Left: -8.189 $\pm$ 0.329 χ^2 /NDF: 569.5/31

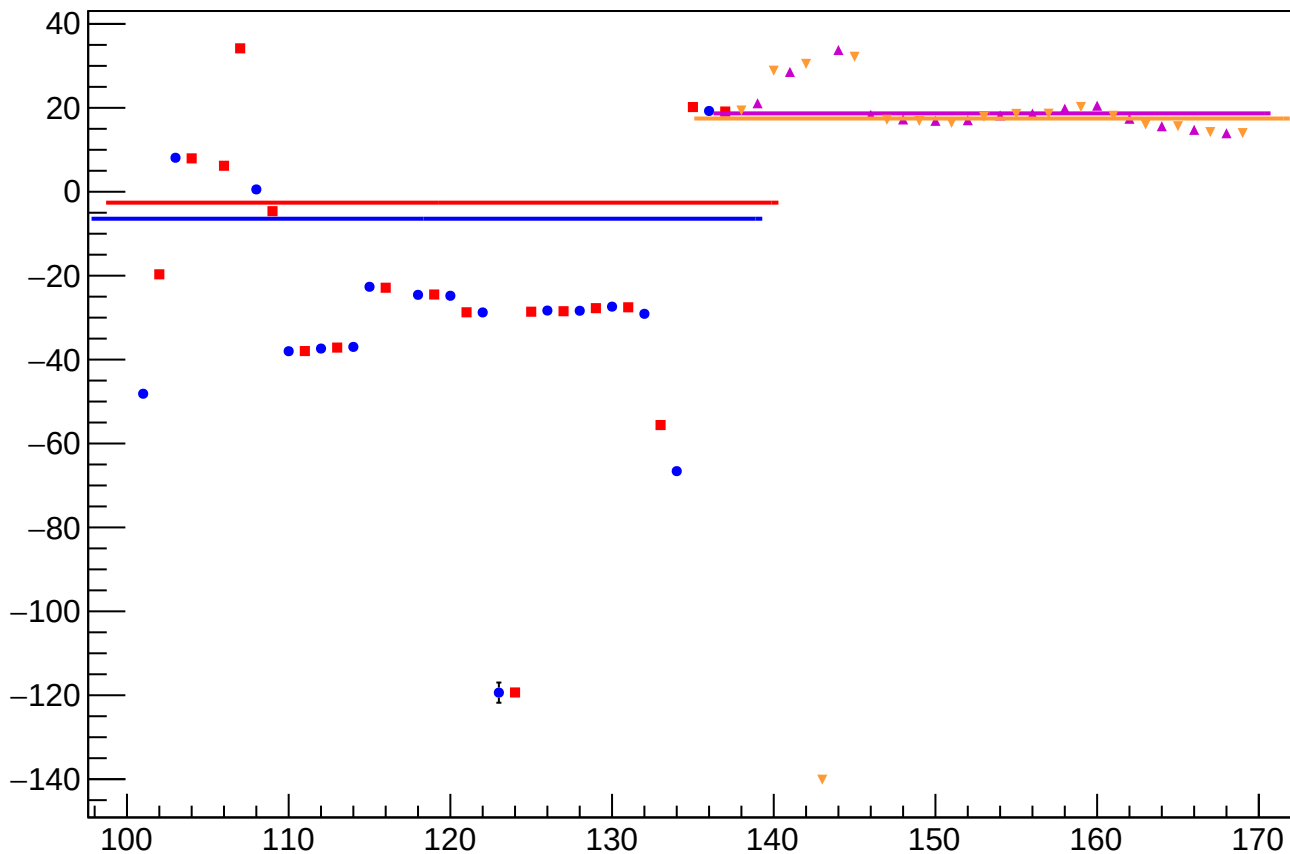
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: -1.527 $\pm$ 0.419 χ^2 /NDF:2114.5/31

Out: -2.435 $\pm$ 0.405 χ^2 /NDF:2217.5/34

All: -1.996 $\pm$ 0.291 χ^2 /NDF: 4334.4/66

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 17.456 ± 0.021 $\chi^2/\text{NDF}: 406483.4/16$

Right Out: -2.597 ± 0.046 $\chi^2/\text{NDF}: 263579.4/17$

Left In: 18.680 ± 0.022 $\chi^2/\text{NDF}: 36470.8/14$

Left: 18.060 ± 0.015 $\chi^2/\text{NDF}: 444570.1/31$

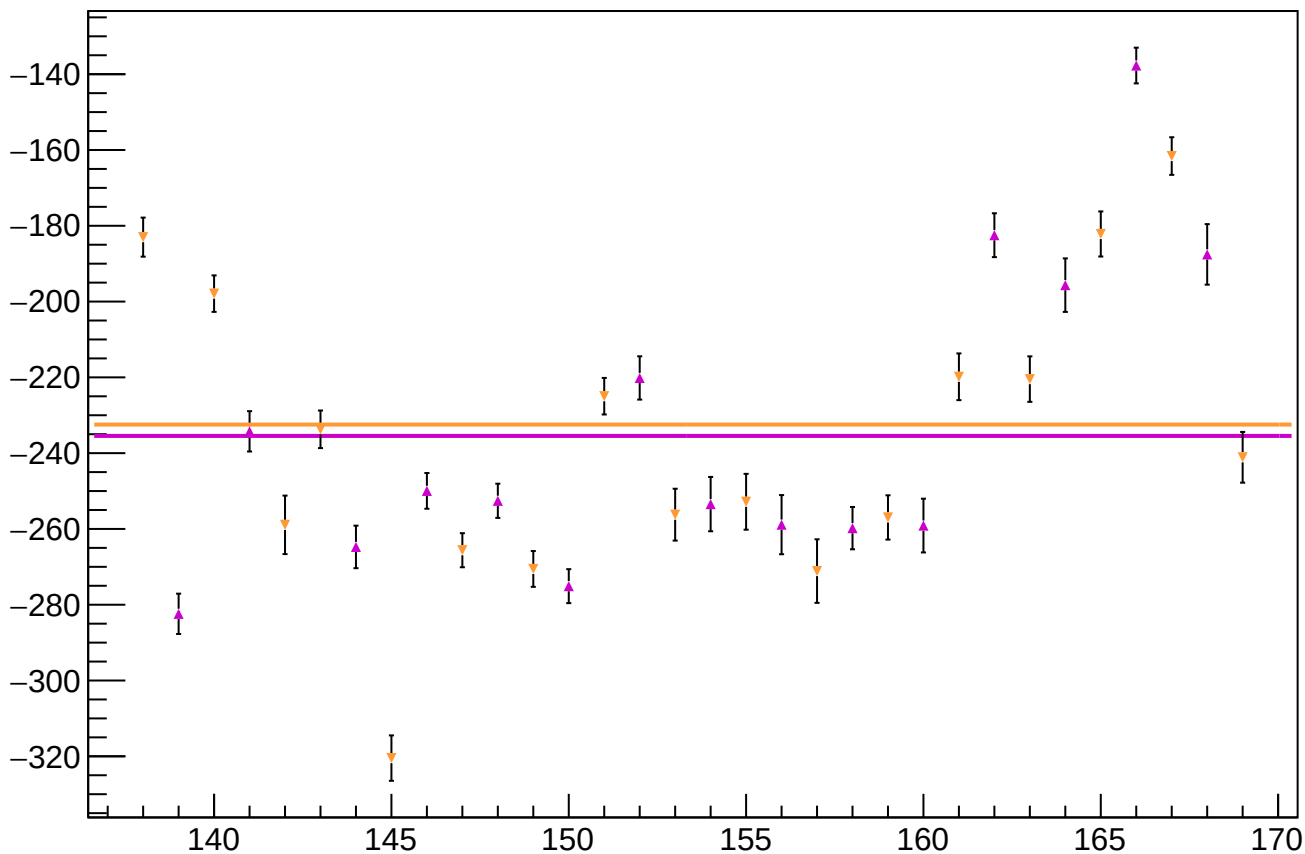
Right: -4.494 ± 0.033 $\chi^2/\text{NDF}: 532217.8/34$

In: 14.156 ± 0.020 $\chi^2/\text{NDF}: 543634.8/31$

Out: 13.857 ± 0.019 $\chi^2/\text{NDF}: 827529.2/34$

All: 14.004 ± 0.014 $\chi^2/\text{NDF}: 1371281.6/66$

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: -232.462+/-1.371 χ^2/NDF : 836.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -235.451+/-1.451 χ^2/NDF : 841.3/14

Left: -233.872+/-0.996 χ^2/NDF : 1680.2/31

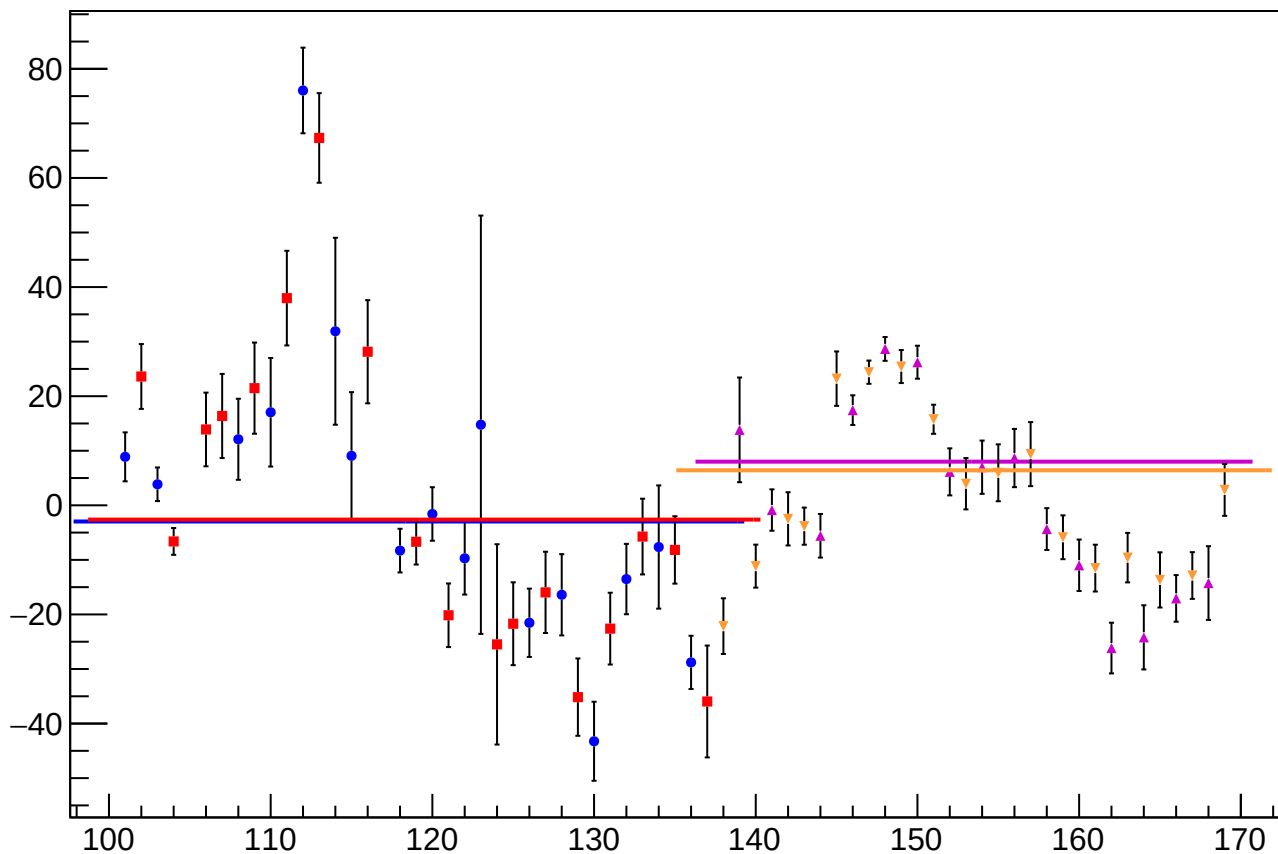
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -235.451+/-1.451 χ^2/NDF : 841.3/14

Out: -232.462+/-1.371 χ^2/NDF : 836.6/16

All: -233.872+/-0.996 χ^2/NDF : 1680.2/31

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: 6.415 ± 0.930 χ^2/NDF : 274.4/16

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 8.003 ± 1.004 χ^2/NDF : 311.3/14

Left: 7.149 ± 0.682 χ^2/NDF : 587.1/31

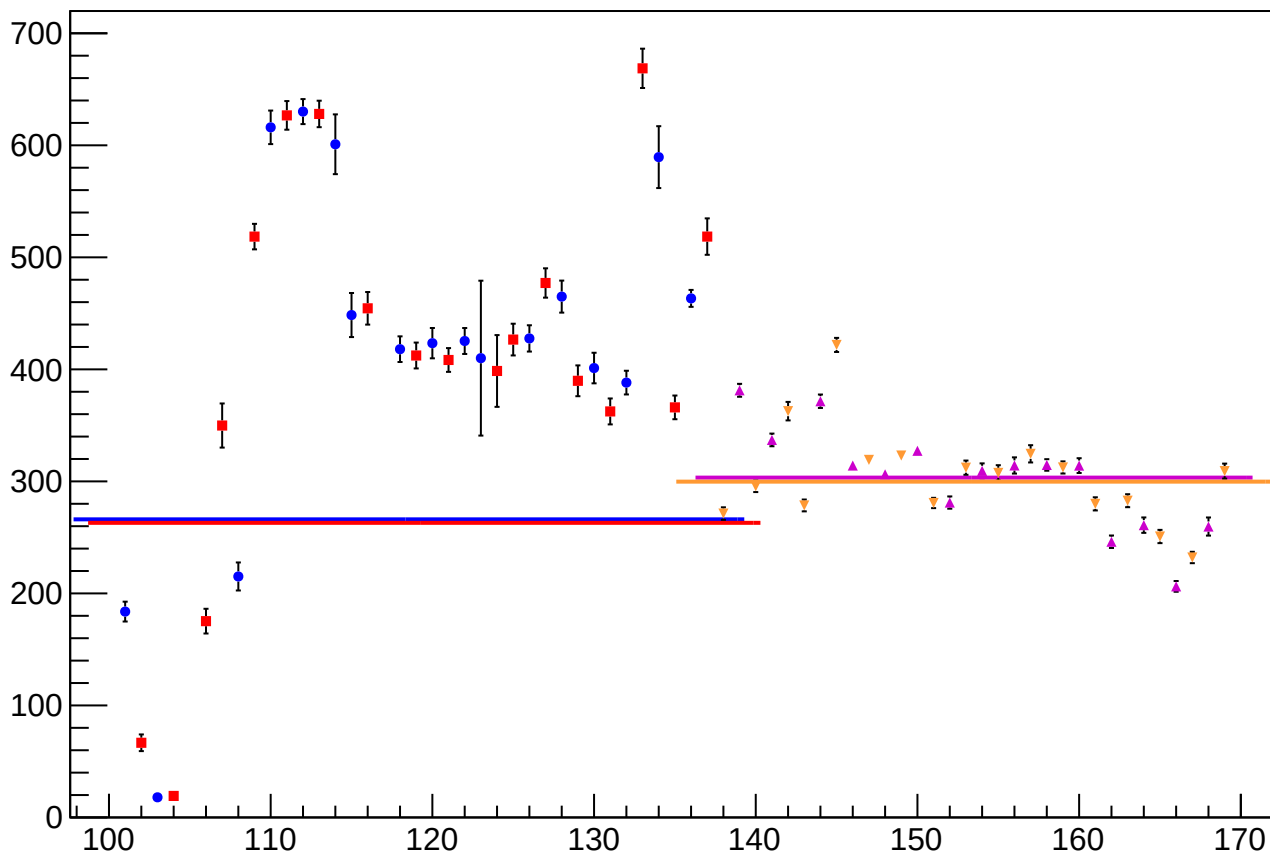
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 4.459 ± 0.826 χ^2/NDF : 553.4/31

Out: 3.646 ± 0.775 χ^2/NDF : 513.8/34

All: 4.027 ± 0.565 χ^2/NDF : 1067.8/66

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: 299.768 $\pm$ 1.353 χ^2 /NDF:832.3/16

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 303.359 $\pm$ 1.416 χ^2 /NDF:995.2/14

Left: 301.482 $\pm$ 0.978 χ^2 /NDF: 1830.9/31

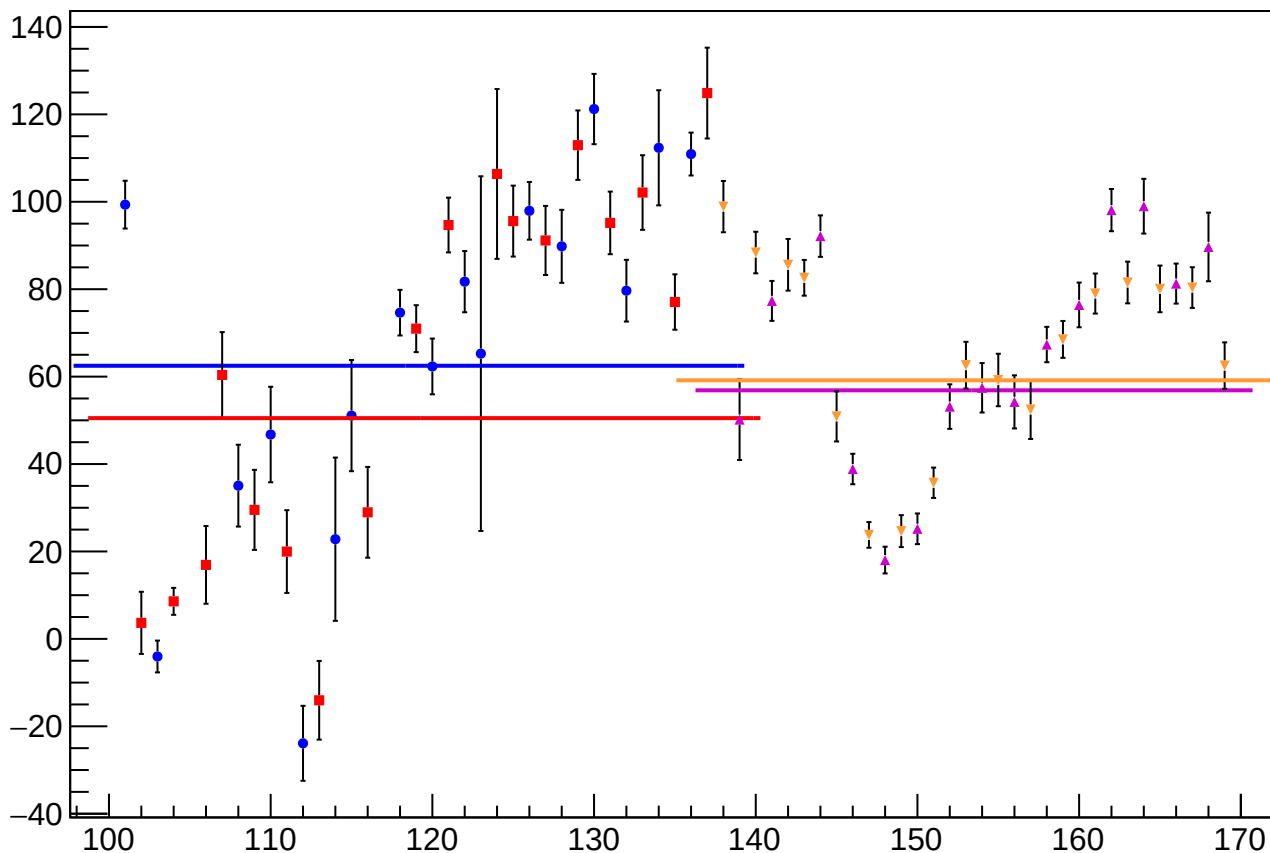
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 294.204 $\pm$ 1.230 χ^2 /NDF:8809.3/31

Out: 291.265 $\pm$ 1.186 χ^2 /NDF:9175.1/34

All: 292.682 $\pm$ 0.854 χ^2 /NDF: 17987.4/66

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: 59.154+/-1.108 χ^2 /NDF:501.8/16

Right Out: 50.506+/-1.644 χ^2 /NDF: 650.6/17

Left In: 56.865+/-1.193 χ^2 /NDF:531.4/14

Left: 58.094+/-0.812 χ^2 /NDF: 1035.2/31

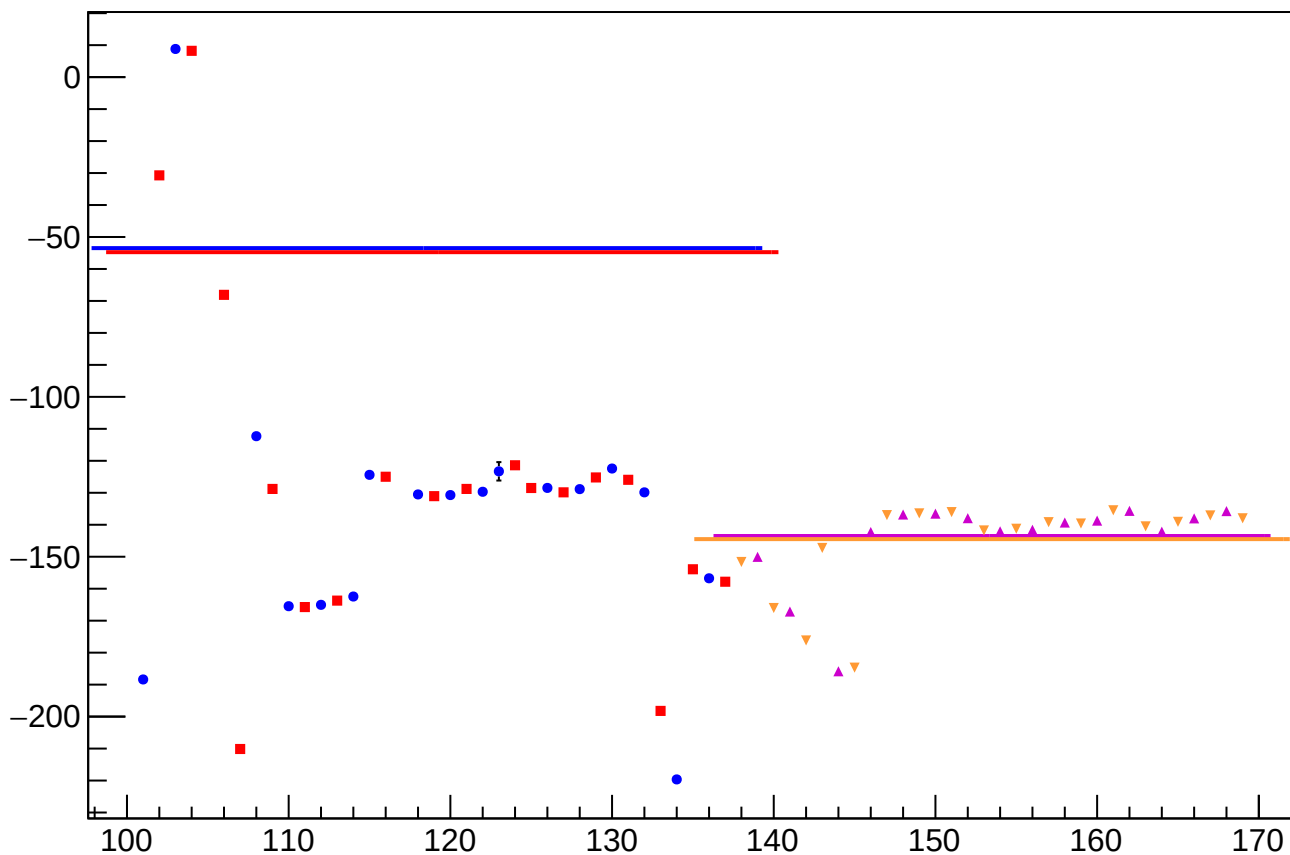
Right: 56.364+/-1.175 χ^2 /NDF: 1397.3/34

In: 58.747+/-0.973 χ^2 /NDF:1259.6/31

Out: 56.455+/-0.919 χ^2 /NDF:1171.5/34

All: 57.535+/-0.668 χ^2 /NDF: 2434.0/66

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: -144.493 ± 0.054 $\chi^2/\text{NDF}: 56542.9/16$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -143.519 ± 0.057 $\chi^2/\text{NDF}: 44813.3/14$

Left: -144.028 ± 0.039 $\chi^2/\text{NDF}: 101510.3/31$

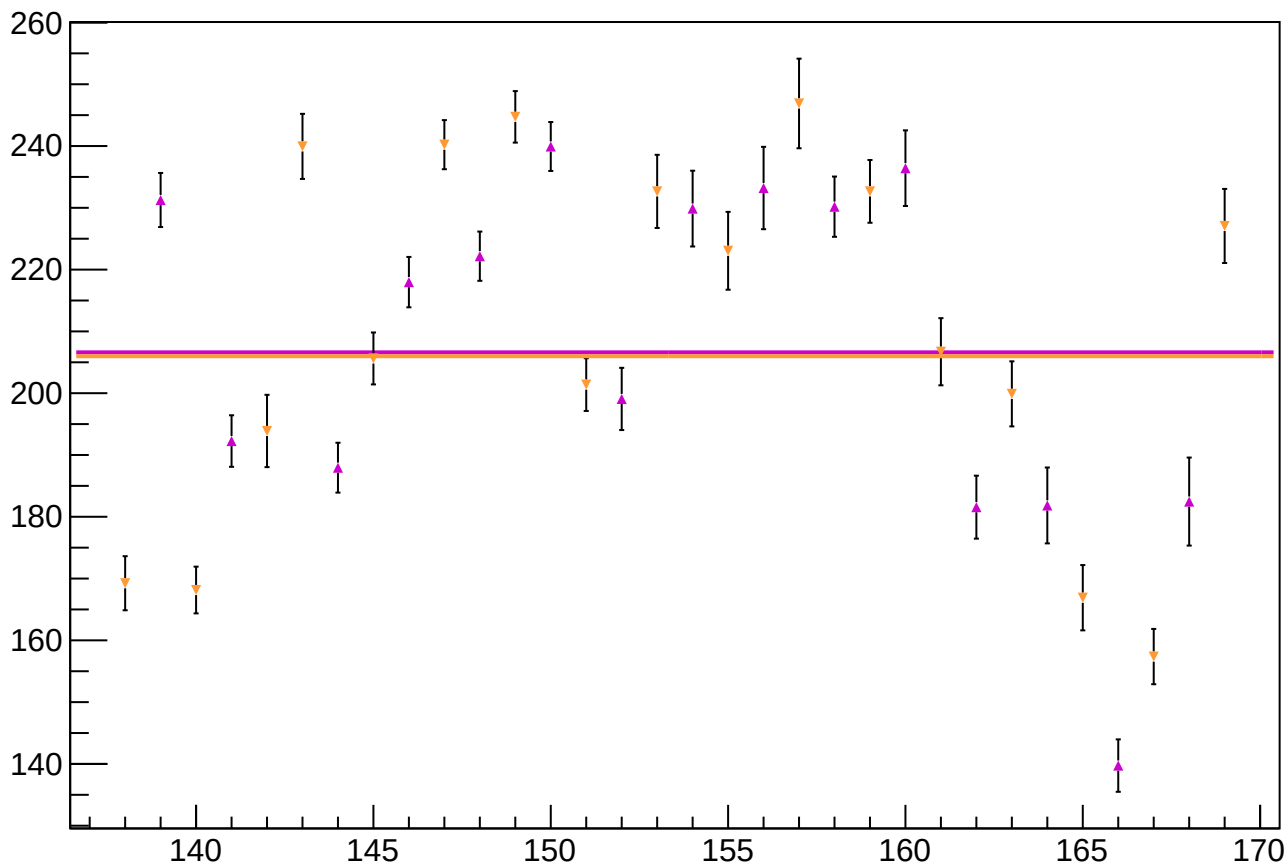
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -108.014 ± 0.044 $\chi^2/\text{NDF}: 2266803.9/31$

Out: -112.055 ± 0.043 $\chi^2/\text{NDF}: 1997442.6/34$

All: -110.071 ± 0.031 $\chi^2/\text{NDF}: 4268508.4/66$

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: 205.981+/-1.183 χ^2/NDF : 651.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.607+/-1.235 χ^2/NDF : 538.9/14

Left: 206.280+/-0.854 χ^2/NDF : 1190.7/31

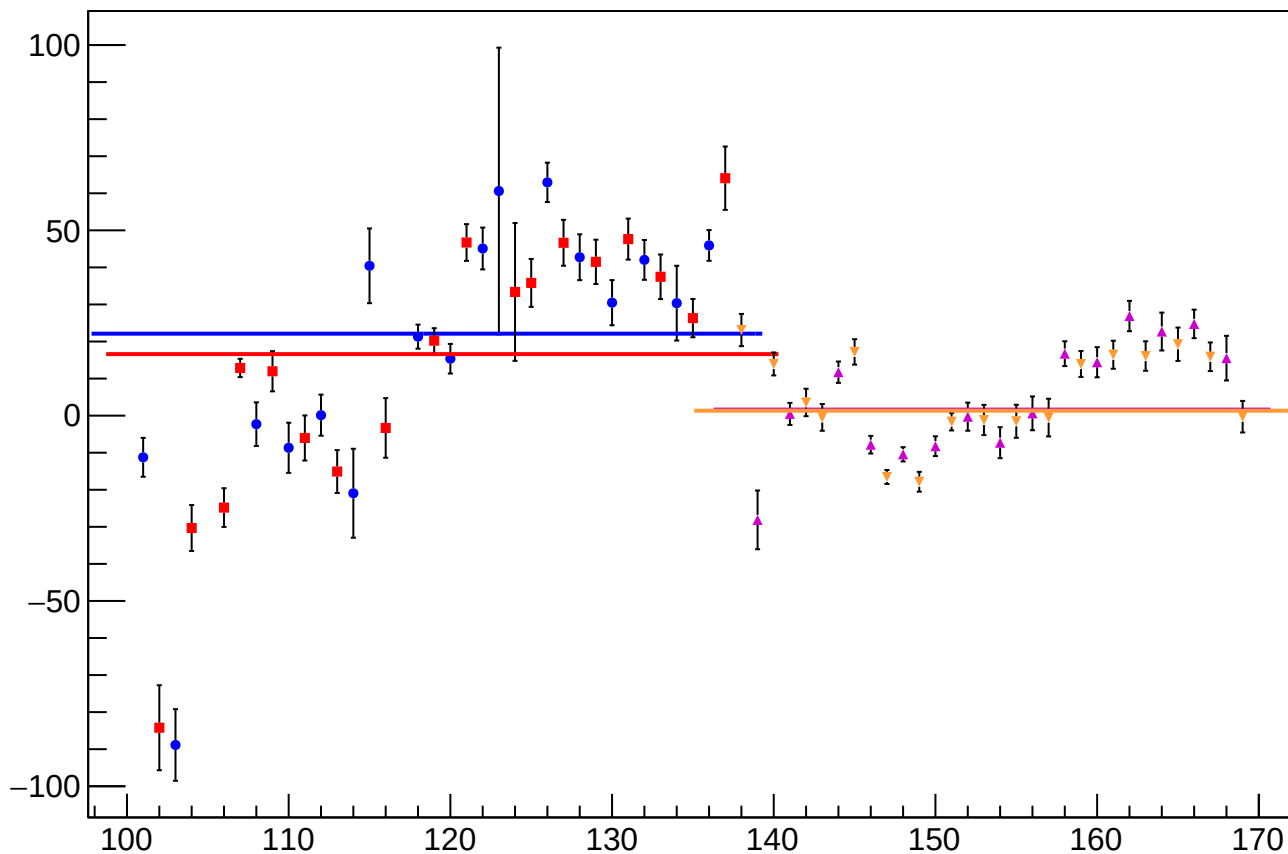
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.607+/-1.235 χ^2/NDF : 538.9/14

Out: 205.981+/-1.183 χ^2/NDF : 651.6/16

All: 206.280+/-0.854 χ^2/NDF : 1190.7/31

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 1.338 ± 0.808 $\chi^2/\text{NDF}: 280.7/16$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: 1.631 ± 0.860 $\chi^2/\text{NDF}: 226.6/14$

Left: 1.476 ± 0.589 $\chi^2/\text{NDF}: 507.4/31$

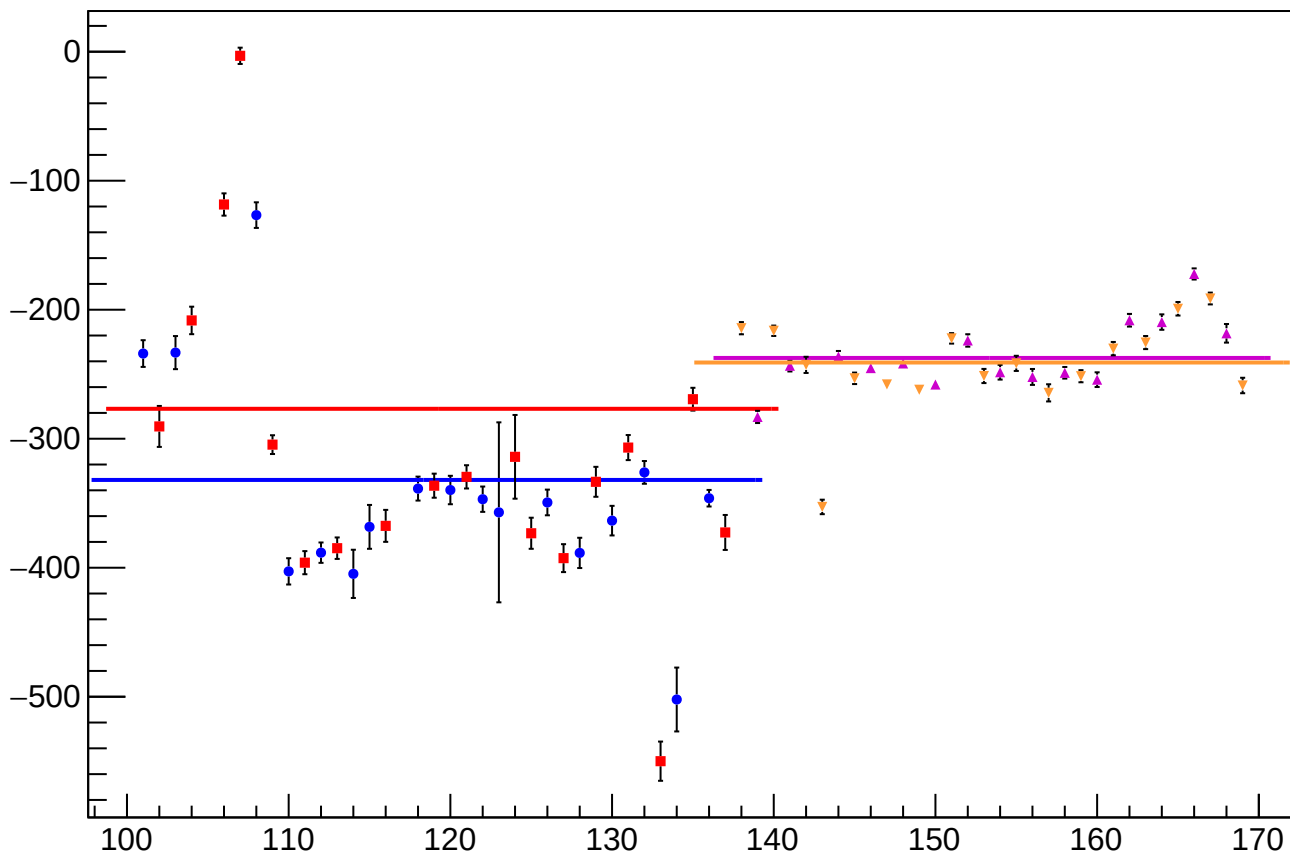
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 7.384 ± 0.729 $\chi^2/\text{NDF}: 767.9/31$

Out: 5.948 ± 0.675 $\chi^2/\text{NDF}: 805.2/34$

All: 6.611 ± 0.496 $\chi^2/\text{NDF}: 1575.2/66$

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: -240.925+/-1.170 χ^2/NDF : 769.0/16

Right Out: -276.804+/-2.329 χ^2/NDF : 3330.4/17

Left In: -237.382+/-1.211 χ^2/NDF : 455.3/14

Left: -239.214+/-0.842 χ^2/NDF : 1228.7/31

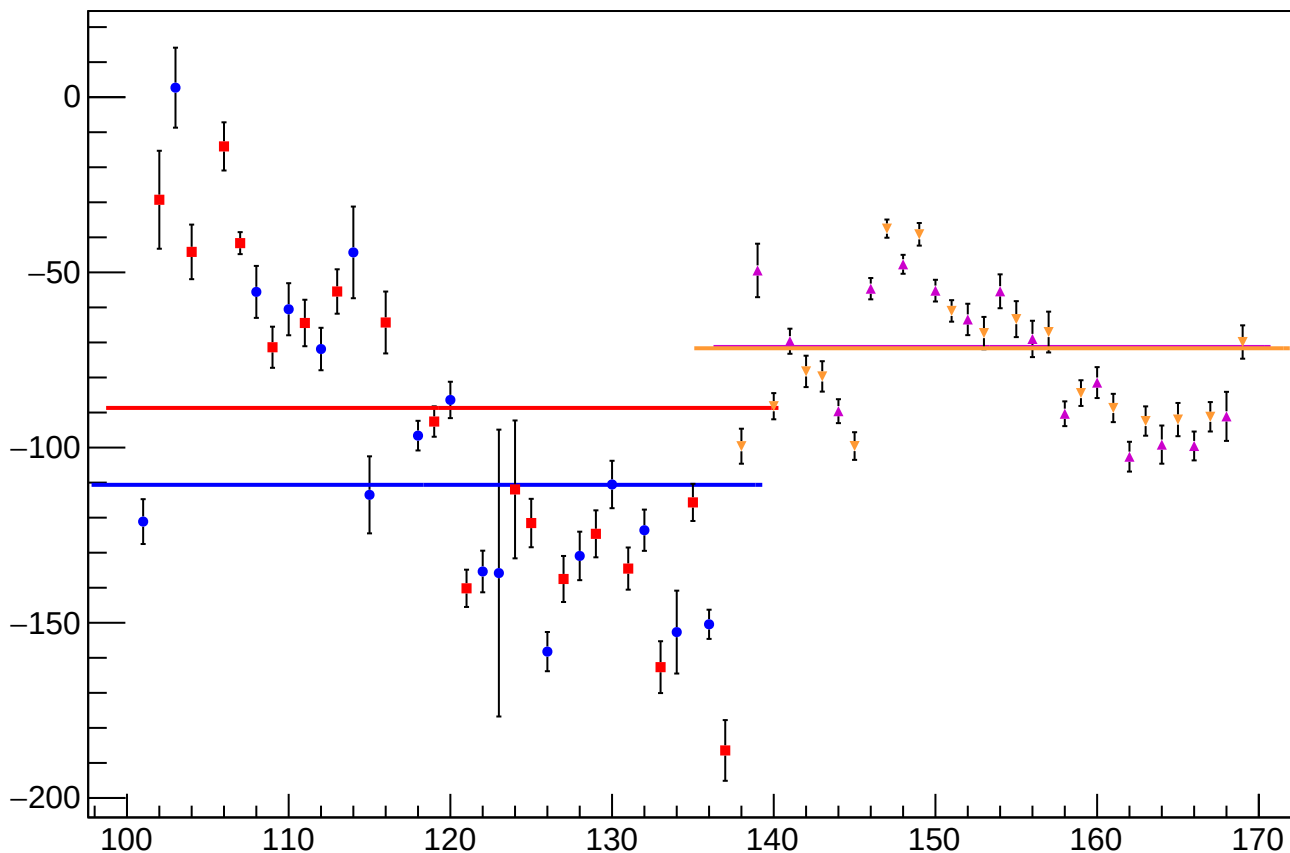
Right: -301.706+/-1.725 χ^2/NDF : 4369.1/34

In: -254.591+/-1.095 χ^2/NDF : 2350.9/31

Out: -248.156+/-1.046 χ^2/NDF : 4288.8/34

All: -251.225+/-0.756 χ^2/NDF : 6657.8/66

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -71.658 ± 0.961 $\chi^2/\text{NDF}: 491.8/16$

Right Out: -88.683 ± 1.434 $\chi^2/\text{NDF}: 964.0/17$

Left In: -71.284 ± 1.021 $\chi^2/\text{NDF}: 354.2/14$

Left: -71.483 ± 0.700 $\chi^2/\text{NDF}: 846.1/31$

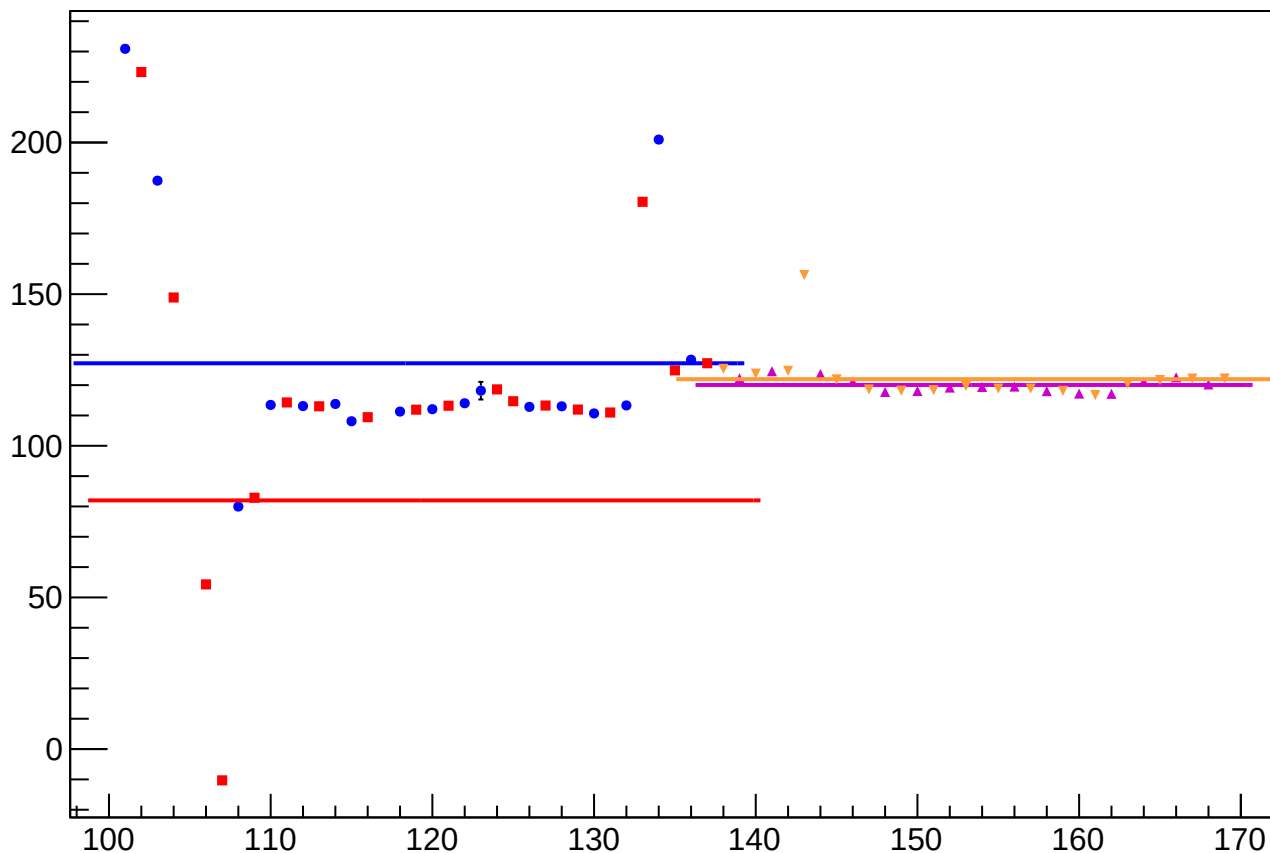
Right: -98.593 ± 1.062 $\chi^2/\text{NDF}: 1578.5/34$

In: -82.860 ± 0.858 $\chi^2/\text{NDF}: 1300.2/31$

Out: -76.936 ± 0.799 $\chi^2/\text{NDF}: 1553.0/34$

All: -79.688 ± 0.584 $\chi^2/\text{NDF}: 2878.7/66$

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: 121.968 $\pm$ 0.047 χ^2 /NDF: 26748.2/16

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.059 $\pm$ 0.049 χ^2 /NDF: 2383.4/14

Left: 121.045 $\pm$ 0.034 χ^2 /NDF: 29932.0/31

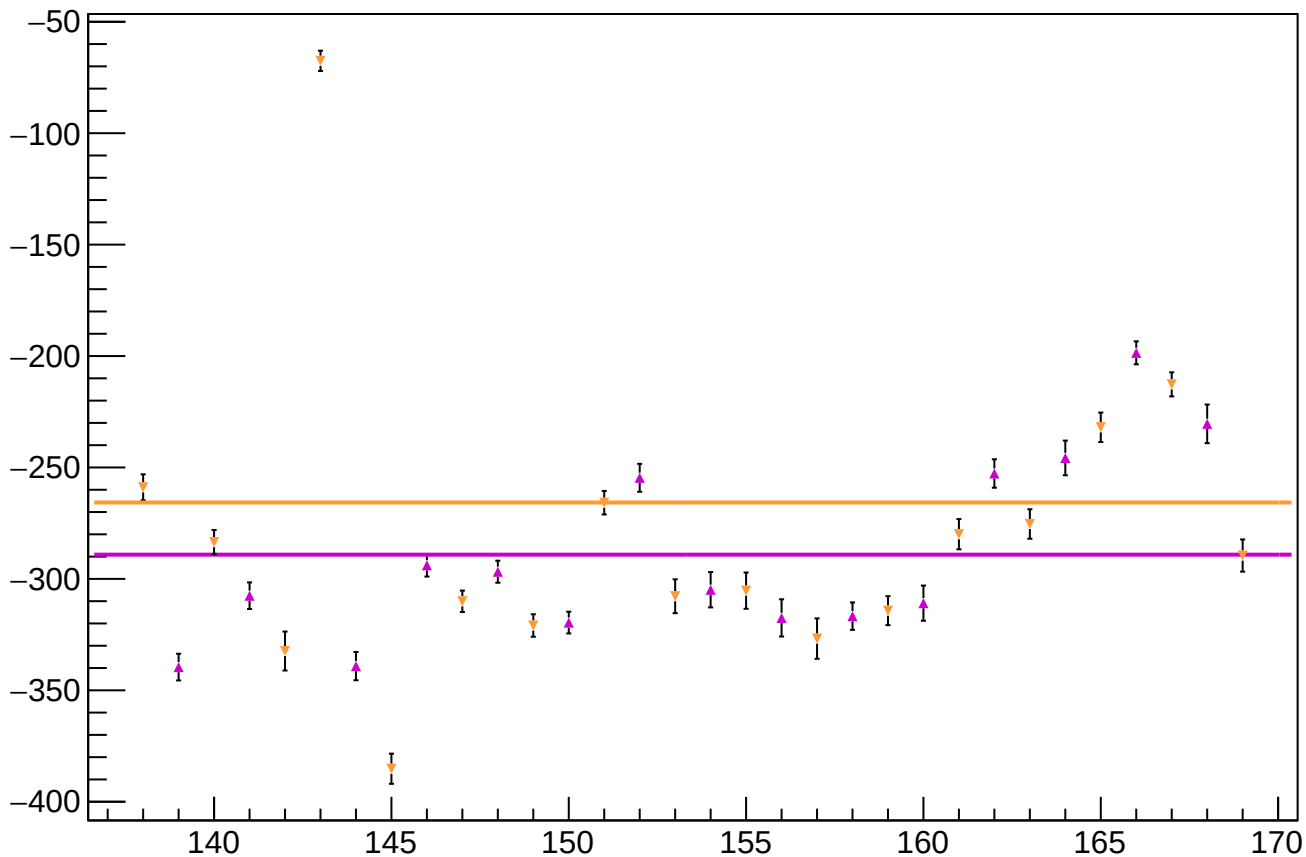
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.692 $\pm$ 0.043 χ^2 /NDF: 195368.3/31

Out: 110.833 $\pm$ 0.040 χ^2 /NDF: 978892.0/34

All: 115.898 $\pm$ 0.029 χ^2 /NDF: 1208913.8/66

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: -265.723+/-1.484 χ^2/NDF :2779.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -289.123+/-1.596 χ^2/NDF :676.8/14

Left: -276.578+/-1.087 χ^2/NDF : 3571.3/31

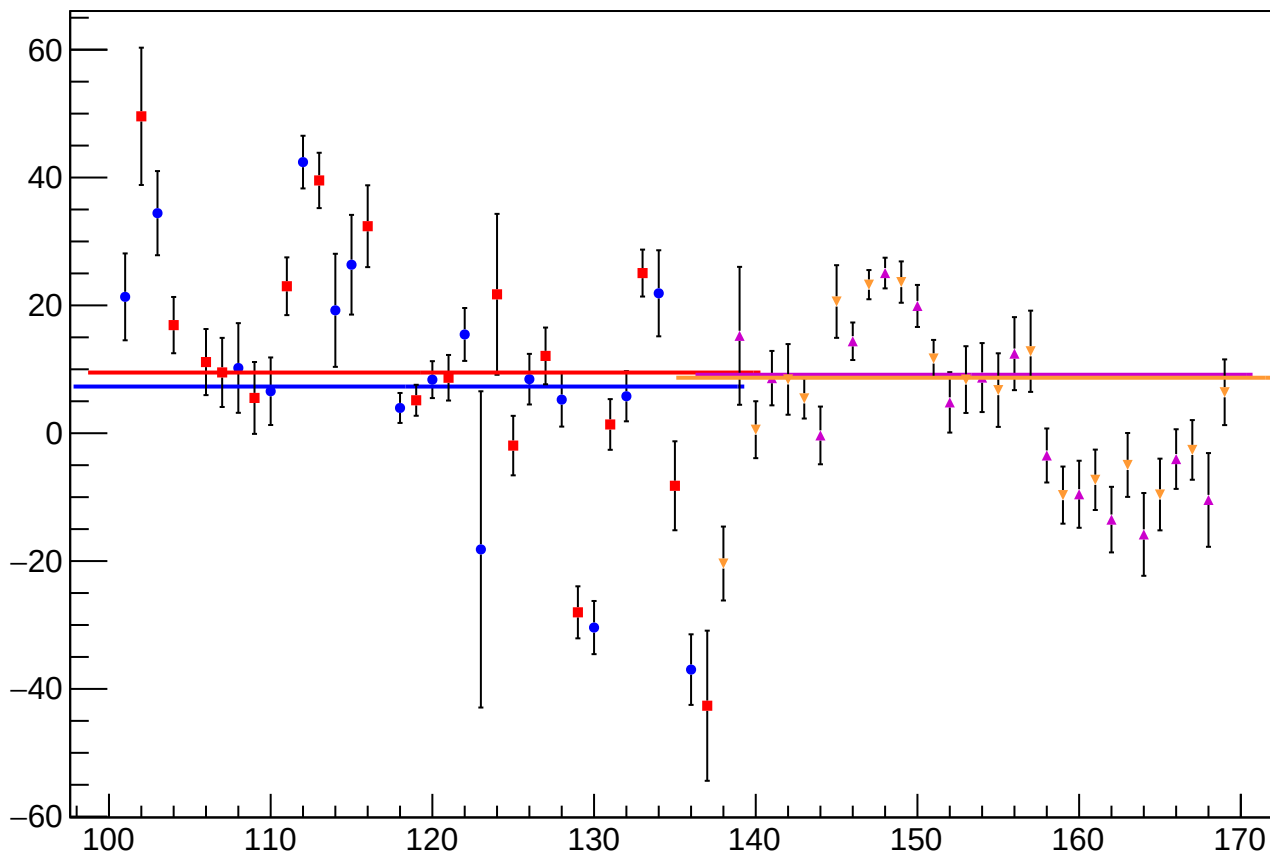
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -289.123+/-1.596 χ^2/NDF :676.8/14

Out: -265.723+/-1.484 χ^2/NDF :2779.2/16

All: -276.578+/-1.087 χ^2/NDF : 3571.3/31

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 8.681 ± 1.004 $\chi^2/\text{NDF}: 150.1/16$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 9.146 ± 1.102 $\chi^2/\text{NDF}: 134.9/14$

Left: 8.892 ± 0.742 $\chi^2/\text{NDF}: 285.2/31$

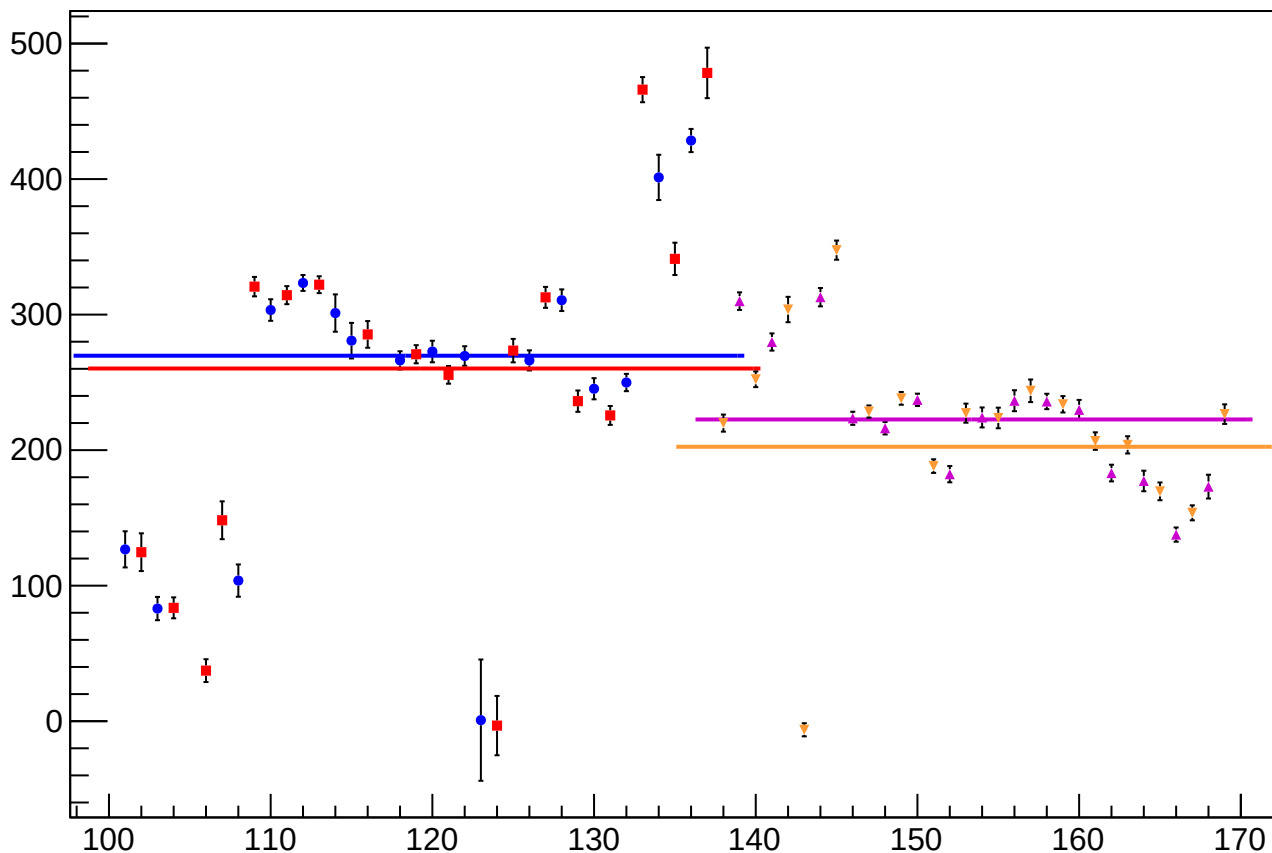
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 8.211 ± 0.773 $\chi^2/\text{NDF}: 397.0/31$

Out: 9.060 ± 0.733 $\chi^2/\text{NDF}: 381.6/34$

All: 8.658 ± 0.532 $\chi^2/\text{NDF}: 779.2/66$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664+/-2.076 χ^2/NDF : 1376.6/16

Left Out: 202.475+/-1.466 χ^2/NDF : 2754.6/16

Right Out: 260.226+/-1.979 χ^2/NDF : 2528.0/17

Left In: 222.635+/-1.556 χ^2/NDF : 876.8/14

Left: 211.954+/-1.067 χ^2/NDF : 3720.4/31

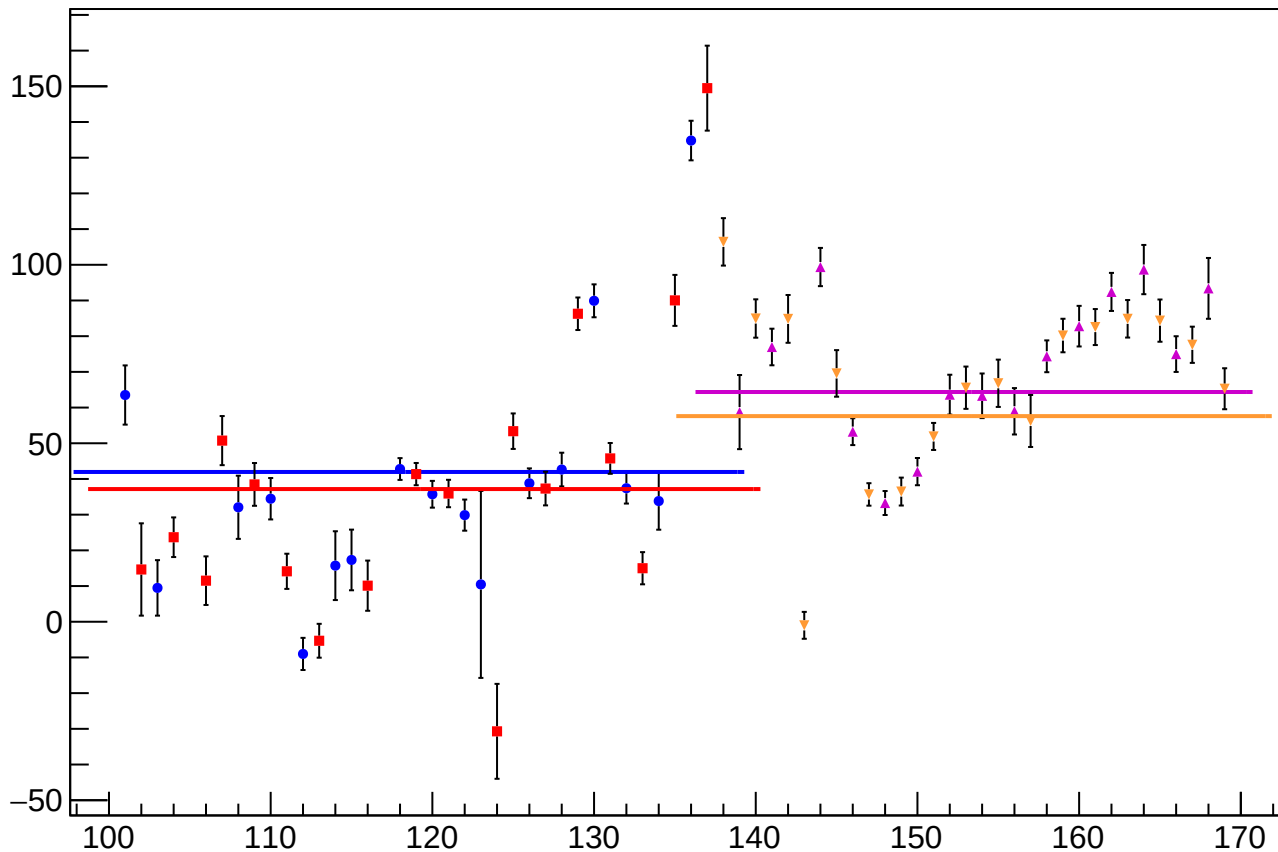
Right: 264.719+/-1.432 χ^2/NDF : 3915.4/34

In: 239.550+/-1.245 χ^2/NDF : 2582.0/31

Out: 222.937+/-1.178 χ^2/NDF : 5832.5/34

All: 230.783+/-0.856 χ^2/NDF : 8508.5/66

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: 57.606 $\pm$ 1.197 χ^2 /NDF:537.7/16

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 64.361 $\pm$ 1.310 χ^2 /NDF:262.5/14

Left: 60.679 $\pm$ 0.884 χ^2 /NDF: 814.7/31

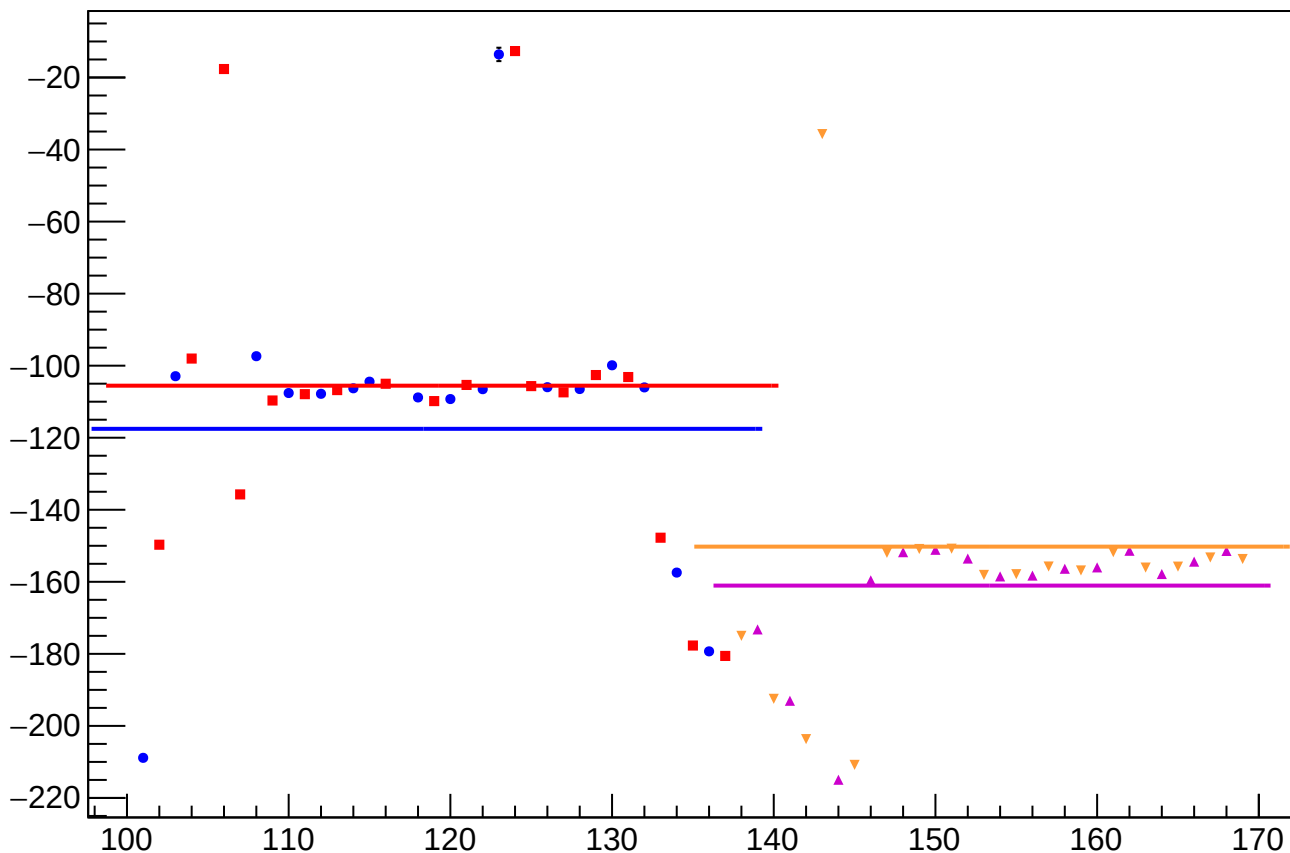
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 52.709 $\pm$ 0.907 χ^2 /NDF:988.9/31

Out: 47.719 $\pm$ 0.860 χ^2 /NDF:1149.6/34

All: 50.080 $\pm$ 0.624 χ^2 /NDF: 2154.5/66

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: -150.235+/-0.059 χ^2/NDF : 454474.8/16

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -161.053+/-0.062 χ^2/NDF : 61462.1/14

Left: -155.327+/-0.043 χ^2/NDF : 531851.3/31

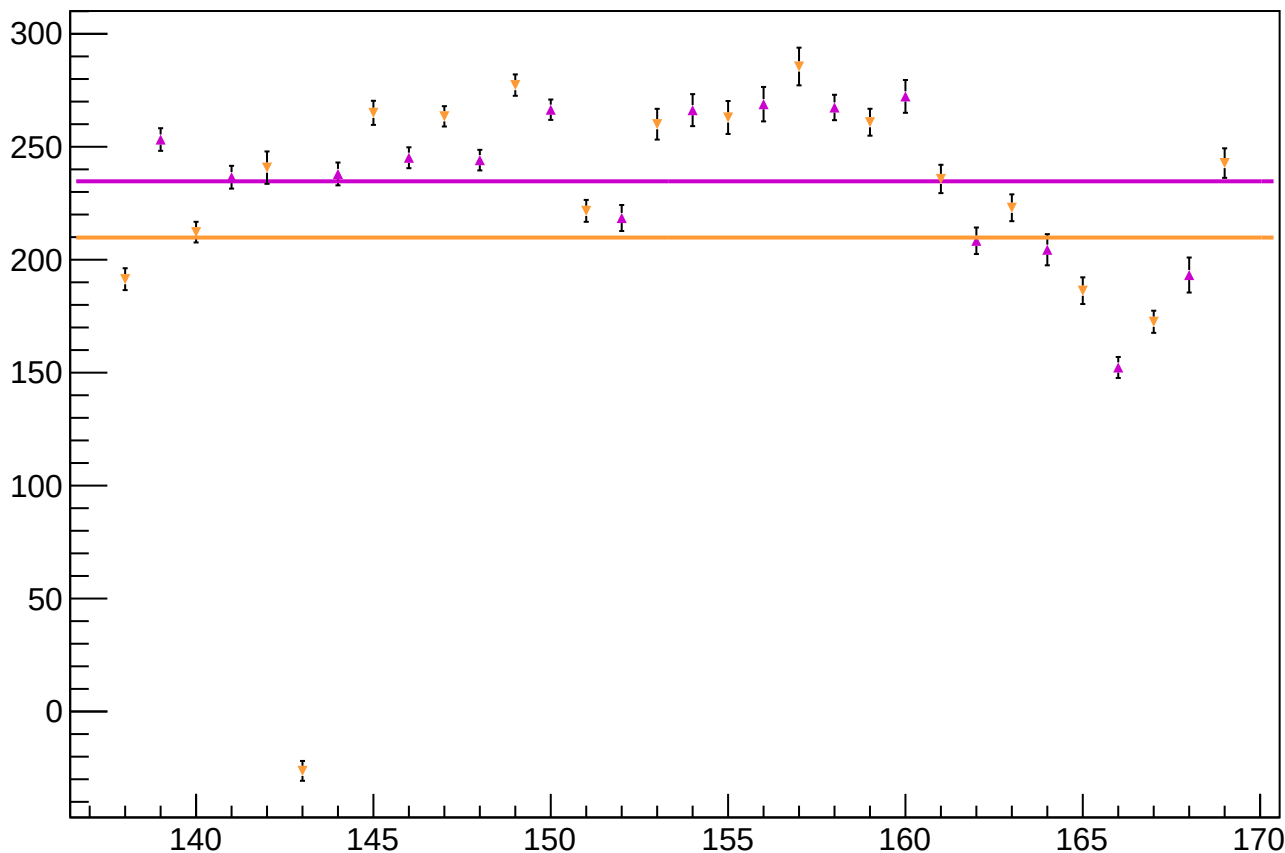
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -144.107+/-0.049 χ^2/NDF : 392982.6/31

Out: -132.603+/-0.046 χ^2/NDF : 999475.9/34

All: -137.994+/-0.033 χ^2/NDF : 1422053.7/66

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 209.819 $\pm$ 1.332 χ^2/NDF :3762.2/16

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 234.715 $\pm$ 1.424 χ^2/NDF :563.6/14

Left: 221.438 $\pm$ 0.973 χ^2/NDF : 4488.9/31

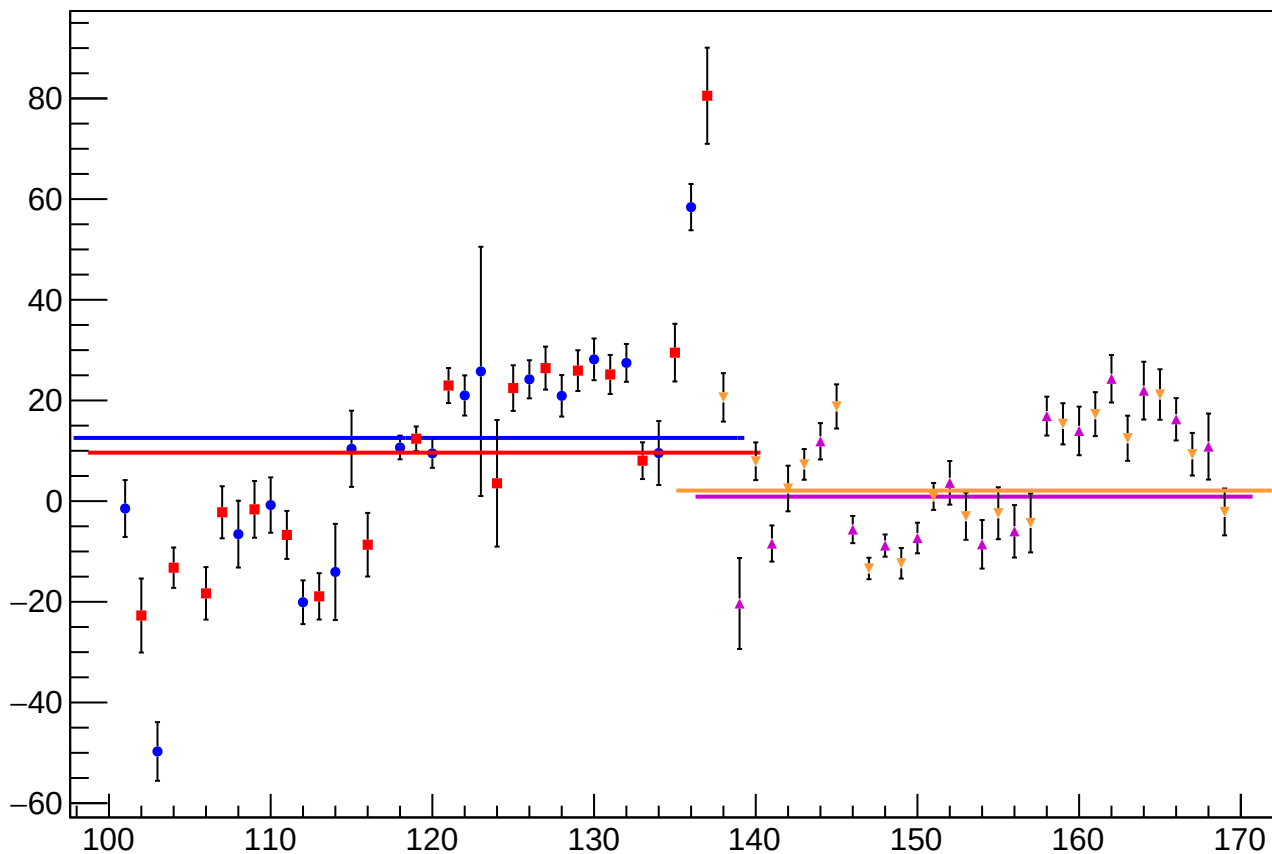
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 234.715 $\pm$ 1.424 χ^2/NDF :563.6/14

Out: 209.819 $\pm$ 1.332 χ^2/NDF :3762.2/16

All: 221.438 $\pm$ 0.973 χ^2/NDF : 4488.9/31

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 2.100 $\pm$ 0.910 χ^2 /NDF:159.6/16

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: 0.888 $\pm$ 0.993 χ^2 /NDF:138.3/14

Left: 1.546 $\pm$ 0.671 χ^2 /NDF: 298.6/31

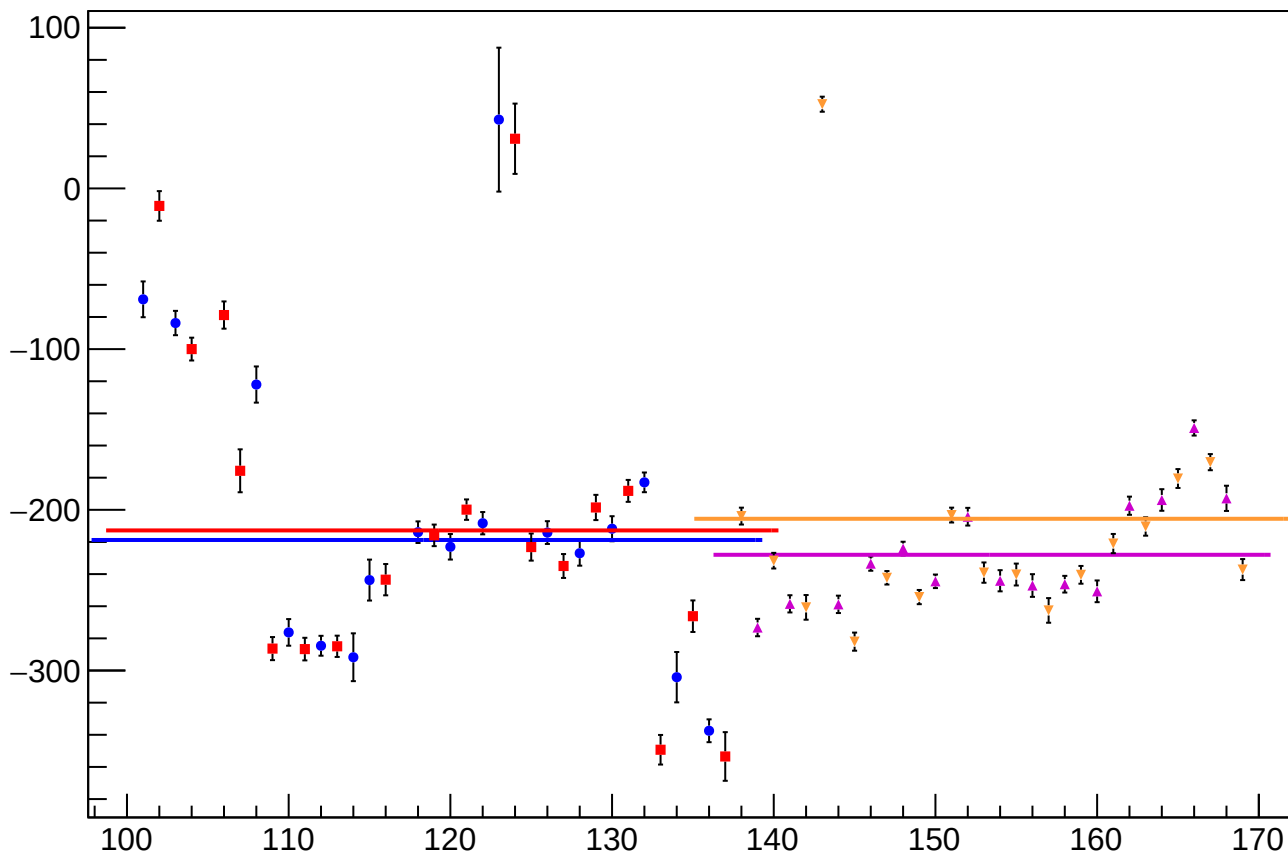
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 6.355 $\pm$ 0.724 χ^2 /NDF:551.6/31

Out: 5.333 $\pm$ 0.688 χ^2 /NDF:476.5/34

All: 5.818 $\pm$ 0.498 χ^2 /NDF: 1029.1/66

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: -205.574 ± 1.320 $\chi^2/\text{NDF}: 3737.8/16$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -227.987 ± 1.394 $\chi^2/\text{NDF}: 560.7/14$

Left: -216.170 ± 0.959 $\chi^2/\text{NDF}: 4434.8/31$

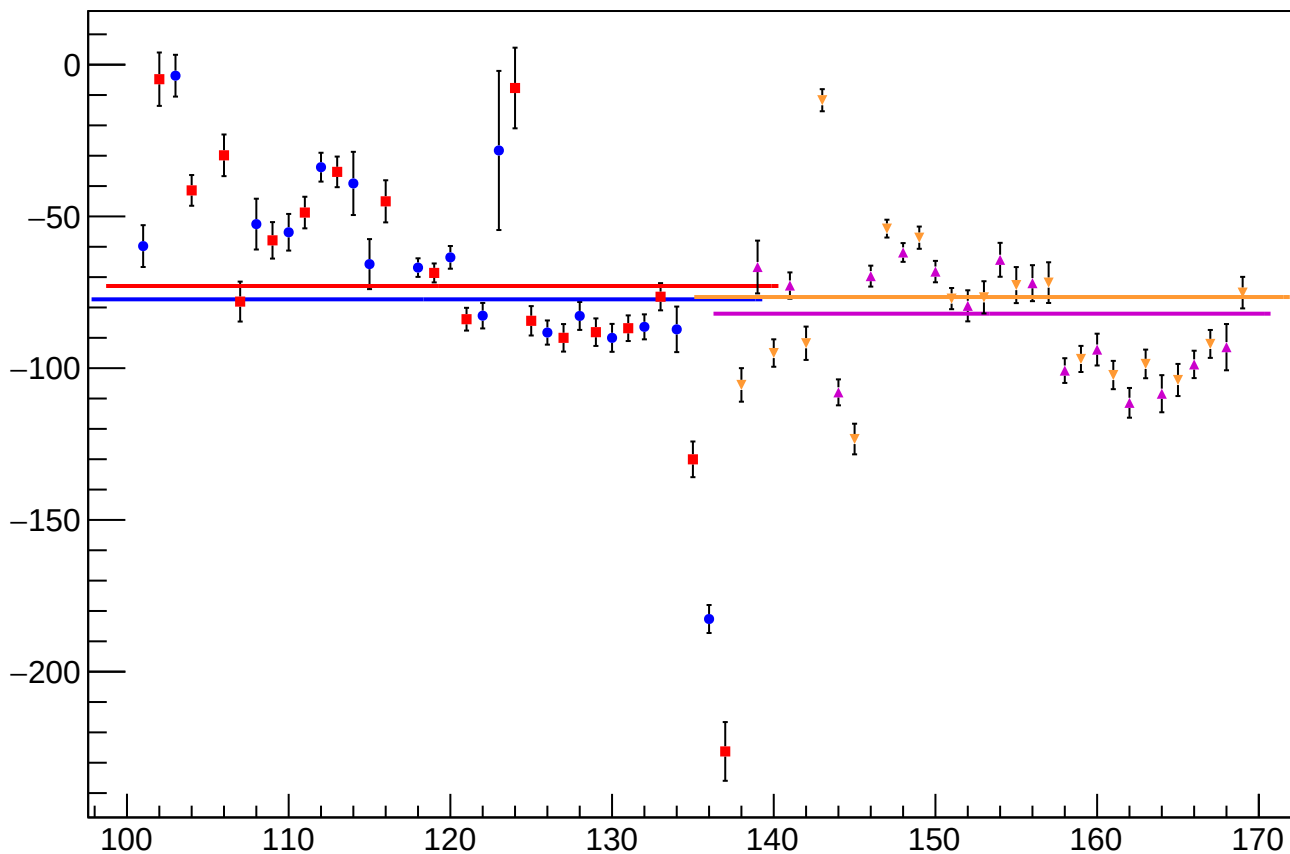
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -224.993 ± 1.146 $\chi^2/\text{NDF}: 1719.3/31$

Out: -207.888 ± 1.089 $\chi^2/\text{NDF}: 5571.9/34$

All: -216.008 ± 0.789 $\chi^2/\text{NDF}: 7408.4/66$

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: -76.556 ± 1.083 χ^2/NDF : 655.6/16

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -82.047 ± 1.178 χ^2/NDF : 225.2/14

Left: -79.070 ± 0.797 χ^2/NDF : 892.6/31

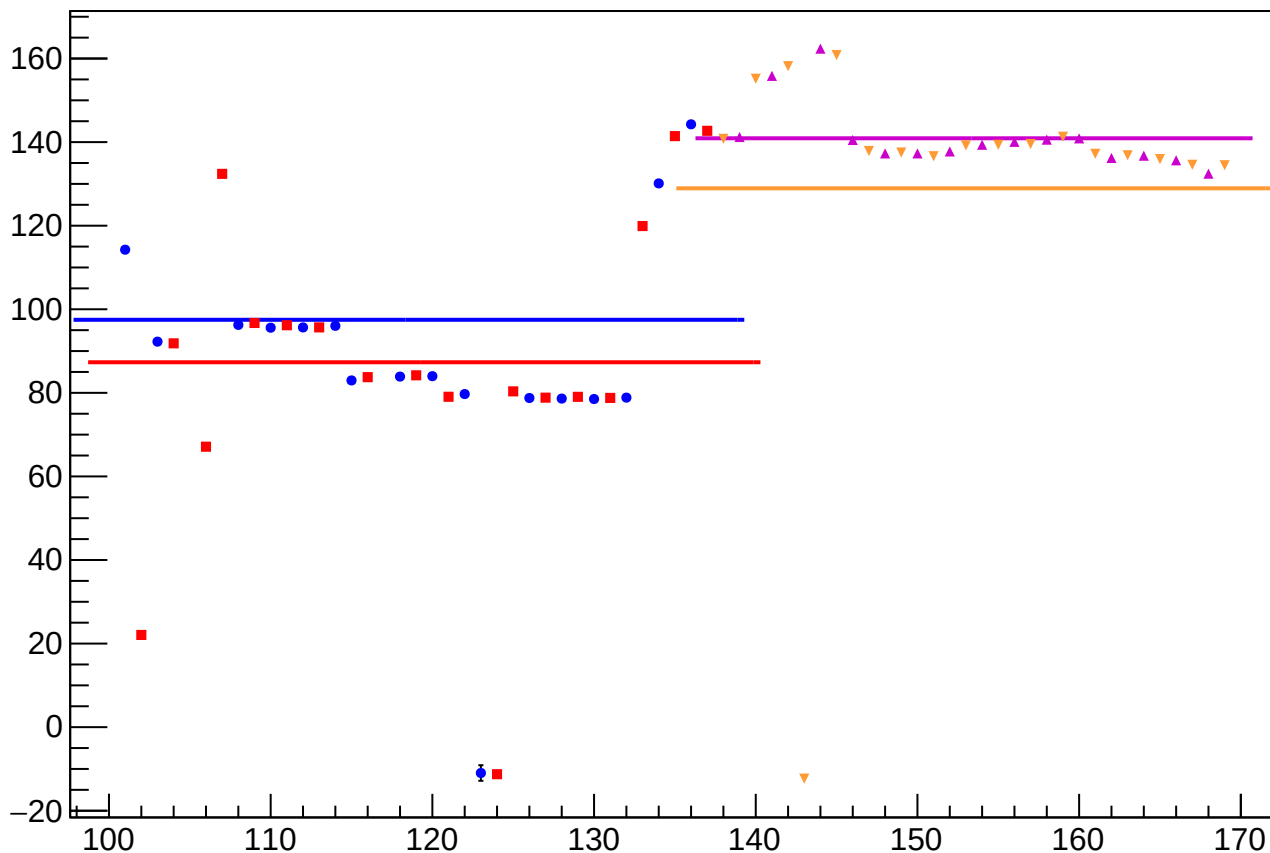
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.769 ± 0.848 χ^2/NDF : 1050.6/31

Out: -74.937 ± 0.806 χ^2/NDF : 1321.5/34

All: -77.230 ± 0.584 χ^2/NDF : 2389.2/66

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: 128.940+/-0.053 χ^2/NDF : 631121.5/16

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 140.915+/-0.056 χ^2/NDF : 16136.0/14

Left: 134.604+/-0.038 χ^2/NDF : 671469.5/31

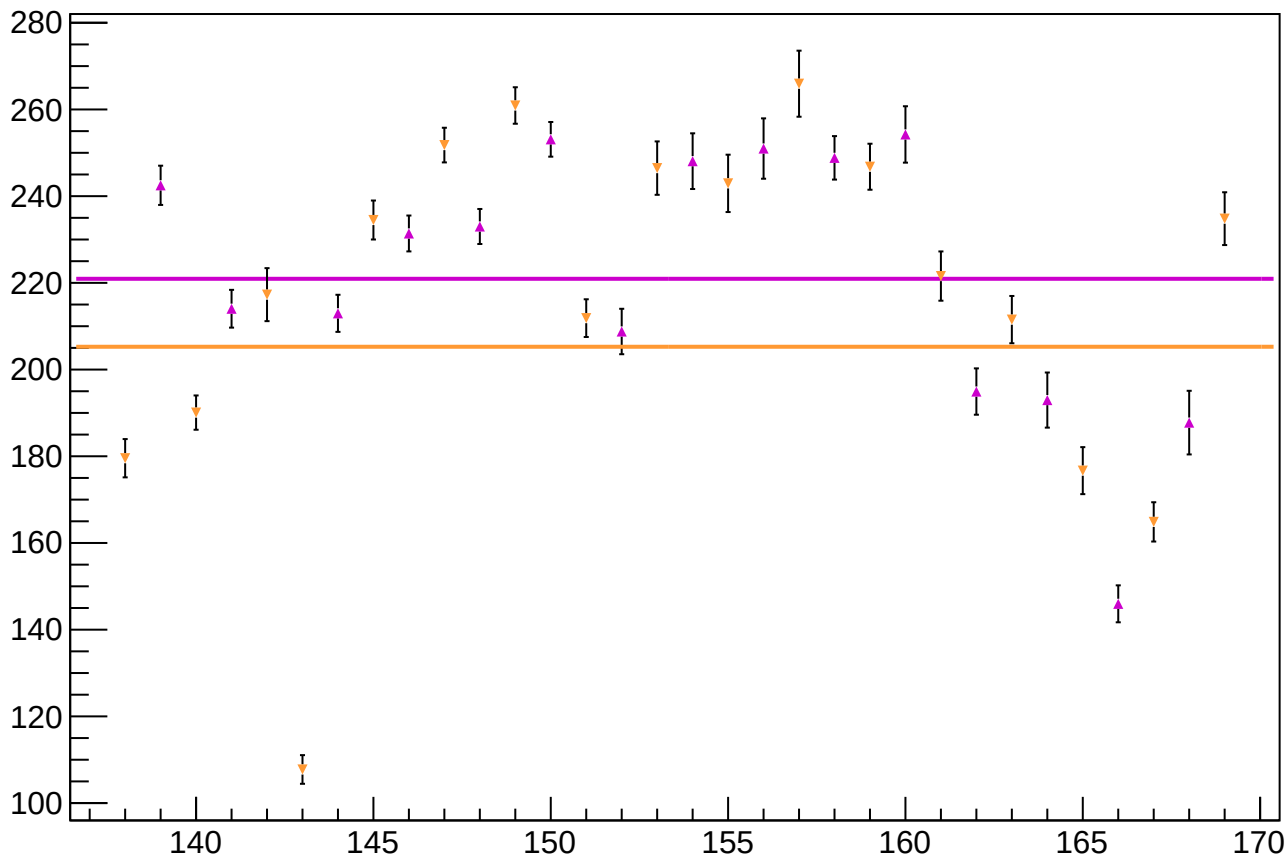
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 124.974+/-0.044 χ^2/NDF : 332355.5/31

Out: 113.336+/-0.042 χ^2/NDF : 1084851.0/34

All: 118.804+/-0.030 χ^2/NDF : 1453553.8/66

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: 205.263+/-1.170 χ^2/NDF :1619.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 220.939+/-1.274 χ^2/NDF :580.5/14

Left: 212.434+/-0.862 χ^2/NDF : 2282.1/31

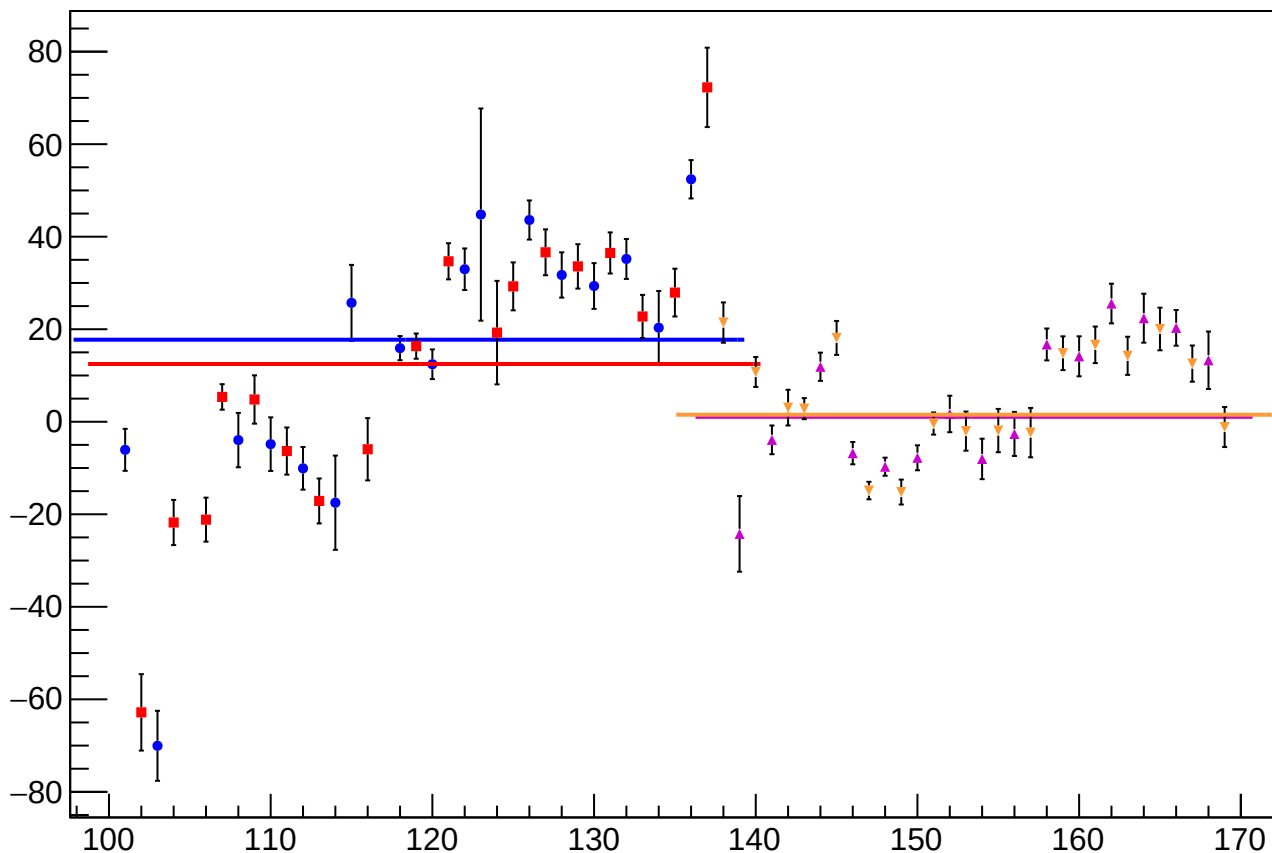
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.939+/-1.274 χ^2/NDF :580.5/14

Out: 205.263+/-1.170 χ^2/NDF :1619.5/16

All: 212.434+/-0.862 χ^2/NDF : 2282.1/31

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 χ^2/NDF : 394.0/16

Left Out: 1.520 ± 0.797 χ^2/NDF : 227.9/16

Right Out: 12.484 ± 1.085 χ^2/NDF : 429.2/17

Left In: 1.069 ± 0.885 χ^2/NDF : 188.6/14

Left: 1.318 ± 0.592 χ^2/NDF : 416.6/31

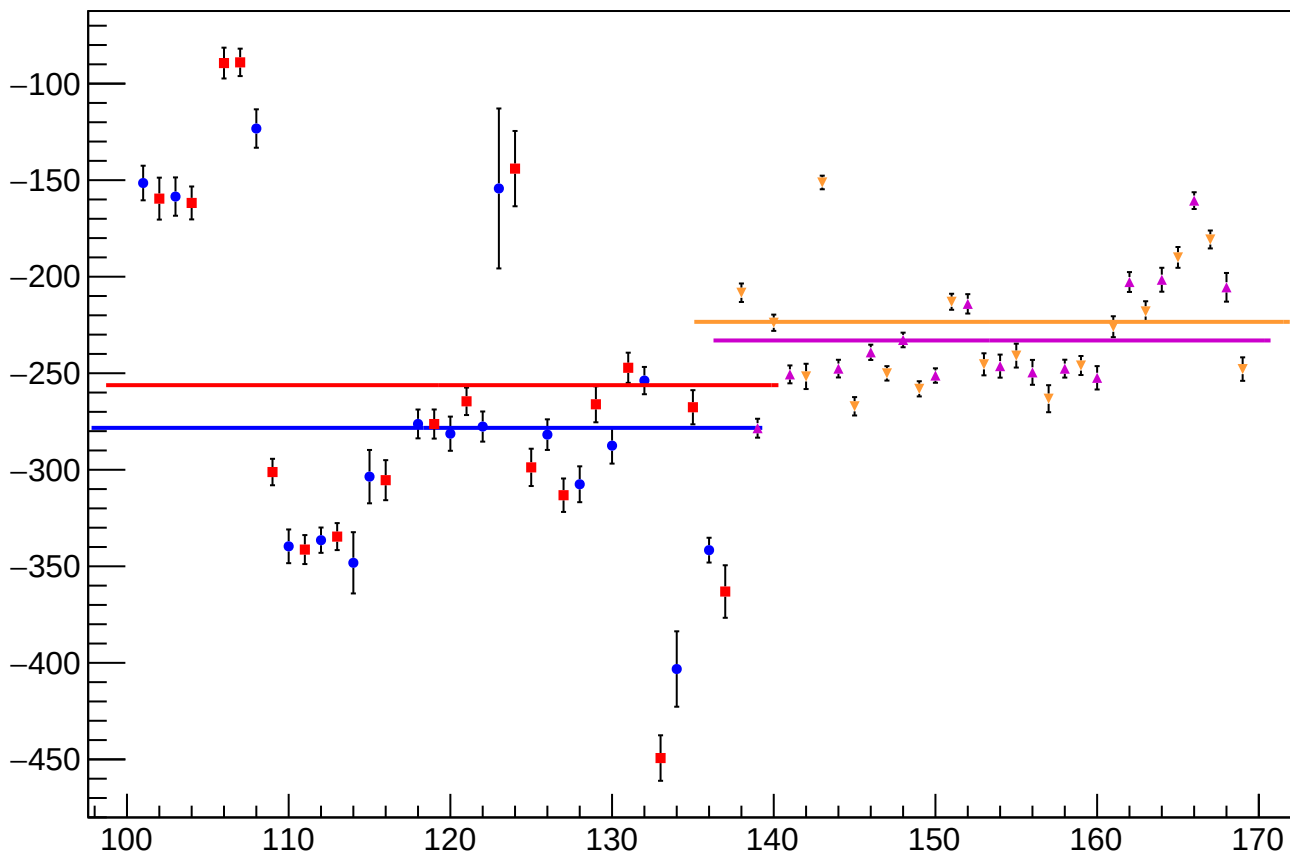
Right: 14.961 ± 0.789 χ^2/NDF : 834.2/34

In: 7.276 ± 0.701 χ^2/NDF : 714.8/31

Out: 5.363 ± 0.642 χ^2/NDF : 723.4/34

All: 6.236 ± 0.474 χ^2/NDF : 1442.2/66

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: -223.382 ± 1.163 $\chi^2/\text{NDF}: 883.9/16$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -233.027 ± 1.248 $\chi^2/\text{NDF}: 535.0/14$

Left: -227.865 ± 0.851 $\chi^2/\text{NDF}: 1450.8/31$

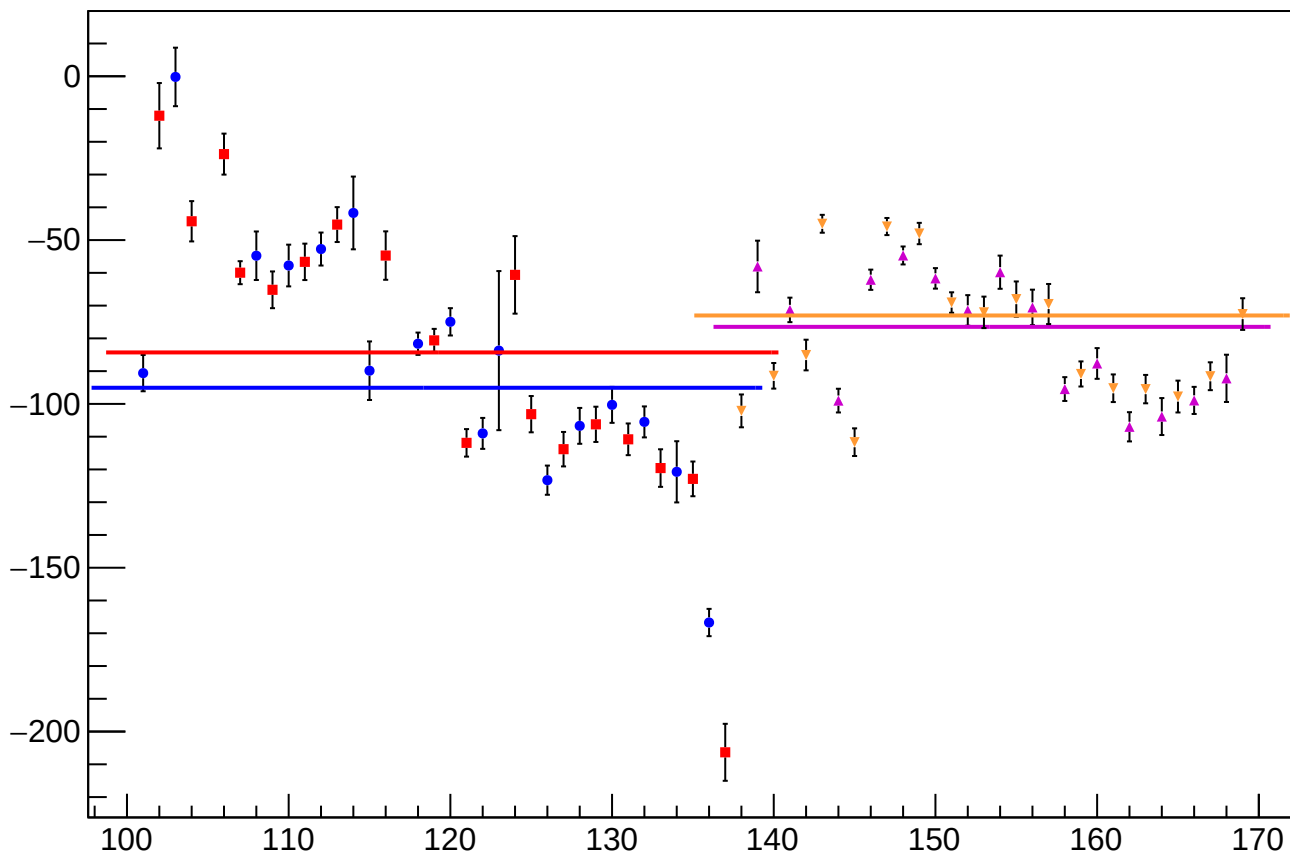
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -244.263 ± 1.082 $\chi^2/\text{NDF}: 1771.4/31$

Out: -231.519 ± 1.009 $\chi^2/\text{NDF}: 3033.3/34$

All: -237.443 ± 0.738 $\chi^2/\text{NDF}: 4879.0/66$

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: -73.010 ± 0.950 χ^2/NDF : 542.7/16

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -76.482 ± 1.052 χ^2/NDF : 304.1/14

Left: -74.570 ± 0.705 χ^2/NDF : 852.8/31

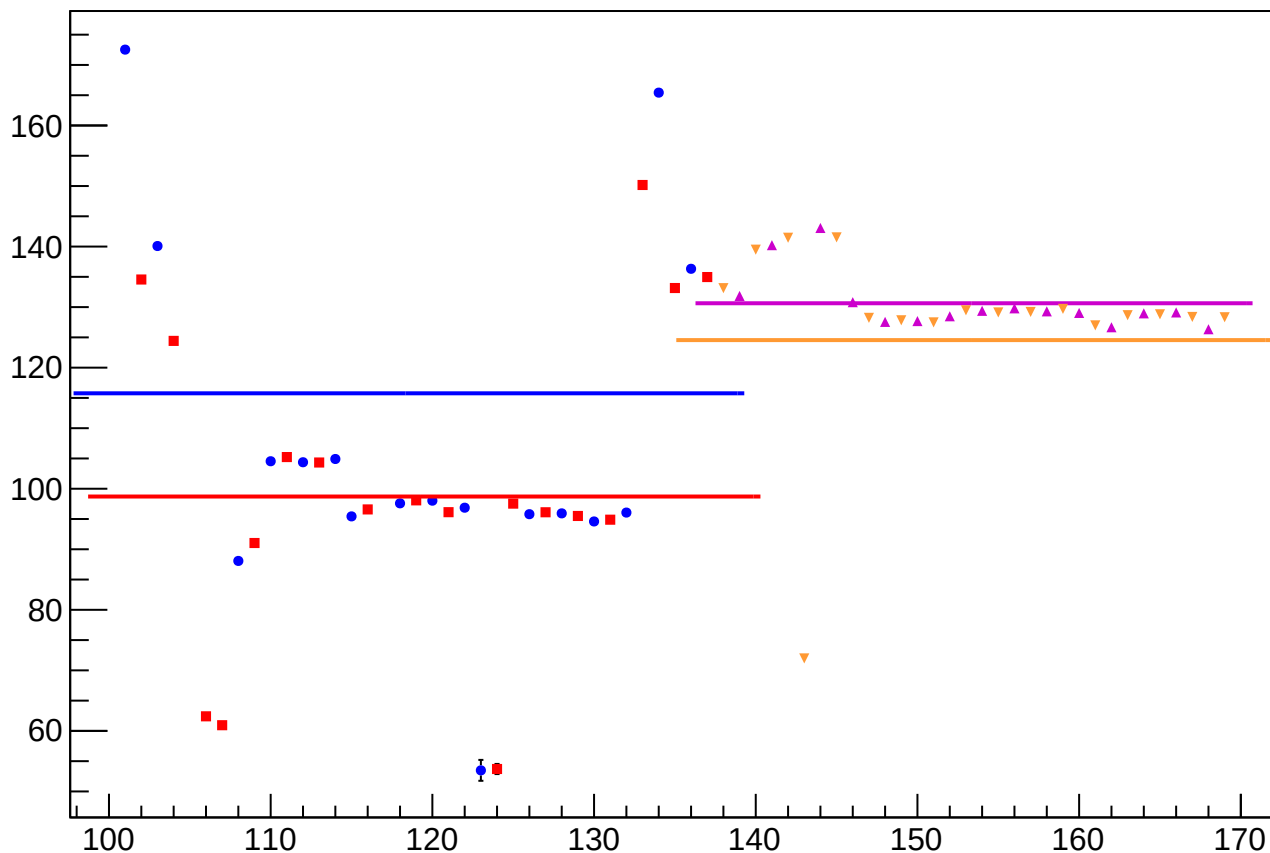
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.665 ± 0.824 χ^2/NDF : 1098.1/31

Out: -77.106 ± 0.758 χ^2/NDF : 1362.7/34

All: -80.115 ± 0.558 χ^2/NDF : 2495.1/66

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: 124.551 $\pm$ 0.047 χ^2 /NDF:163281.9/16

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 130.637 $\pm$ 0.050 χ^2 /NDF:8239.7/14

Left: 127.382 $\pm$ 0.034 χ^2 /NDF: 179417.0/31

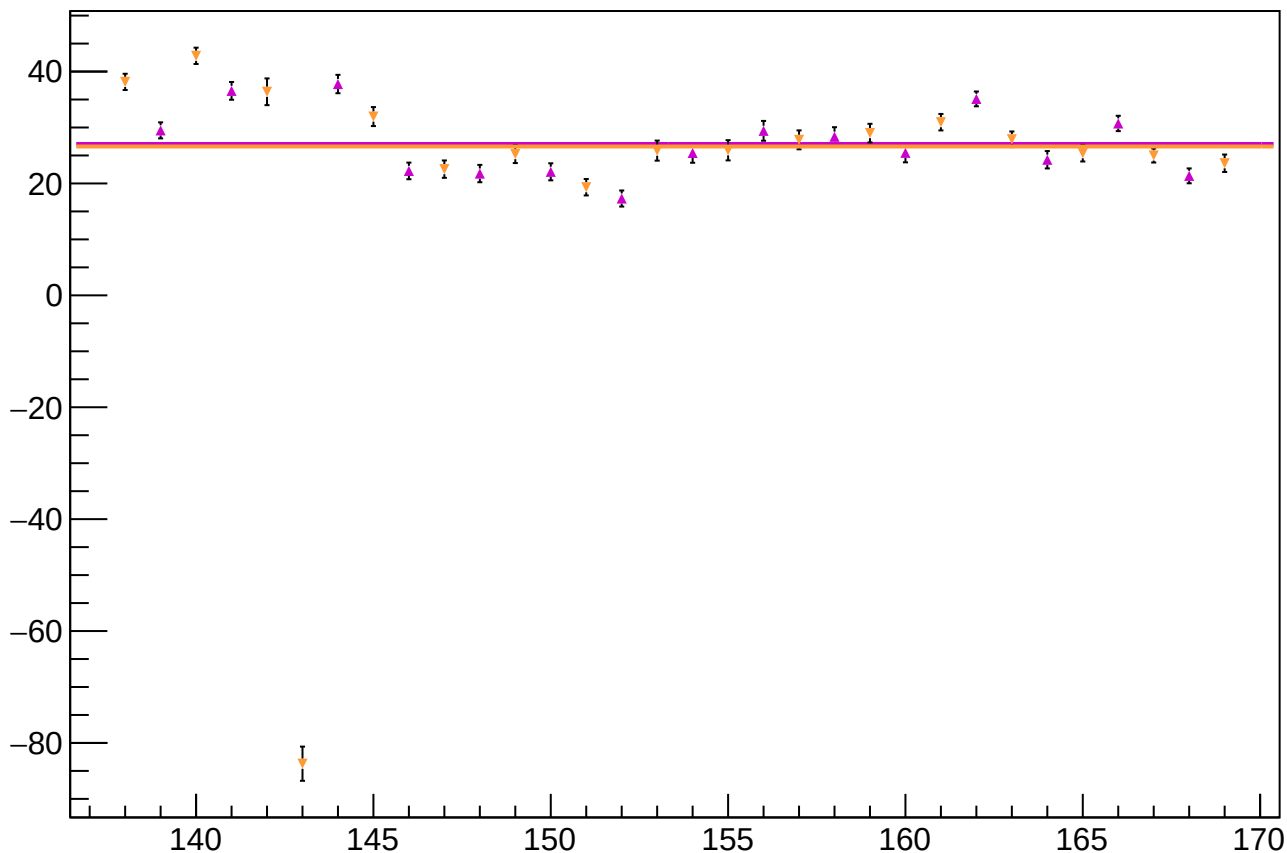
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 126.301 $\pm$ 0.042 χ^2 /NDF:140243.3/31

Out: 116.382 $\pm$ 0.039 χ^2 /NDF:430162.3/34

All: 120.909 $\pm$ 0.028 χ^2 /NDF: 600491.8/66

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: 26.603+/-0.388 χ^2/NDF :1567.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.047+/-0.394 χ^2/NDF :229.9/14

Left: 26.821+/-0.276 χ^2/NDF : 1797.7/31

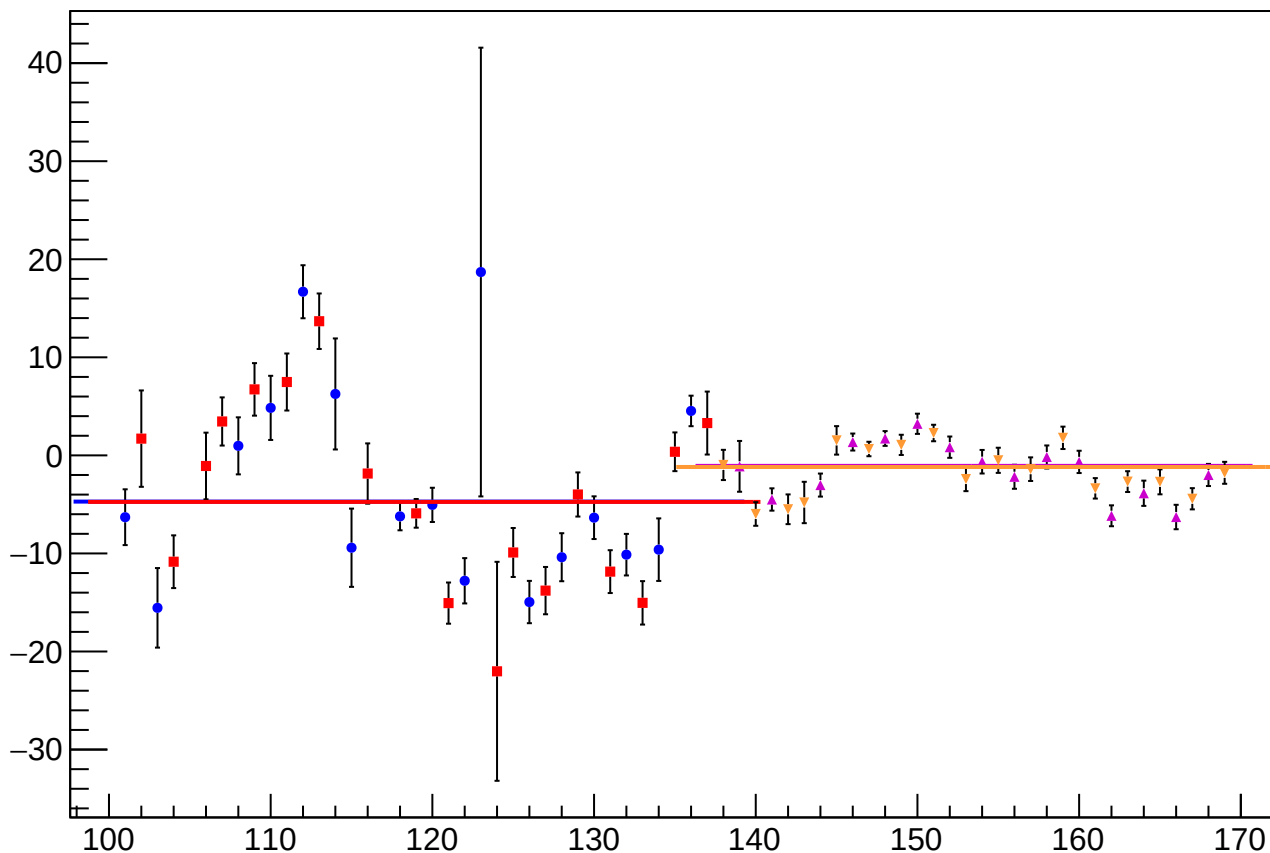
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.047+/-0.394 χ^2/NDF :229.9/14

Out: 26.603+/-0.388 χ^2/NDF :1567.1/16

All: 26.821+/-0.276 χ^2/NDF : 1797.7/31

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: -1.183 ± 0.275 χ^2/NDF : 83.4/16

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -1.071 ± 0.285 χ^2/NDF : 101.3/14

Left: -1.129 ± 0.198 χ^2/NDF : 184.8/31

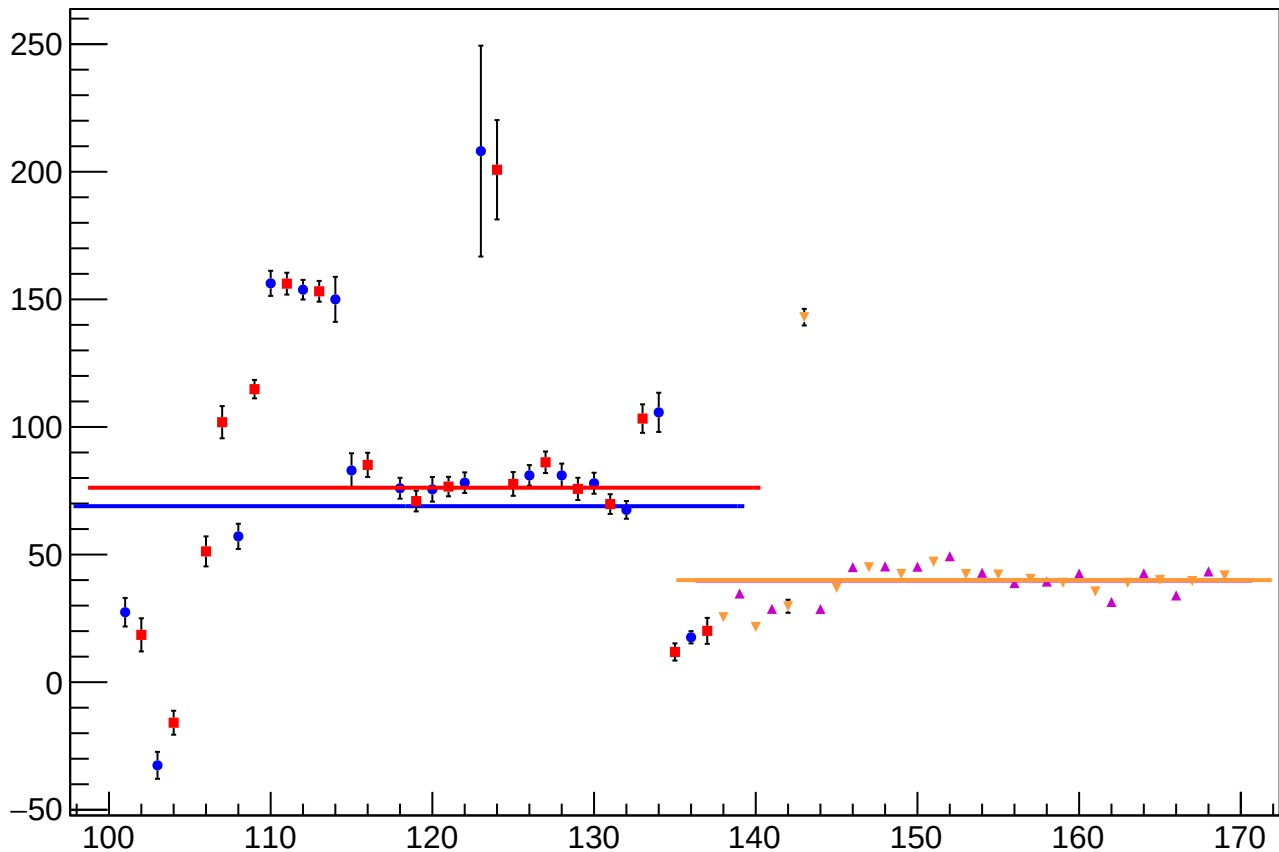
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.778 ± 0.256 χ^2/NDF : 307.7/31

Out: -1.827 ± 0.249 χ^2/NDF : 303.1/34

All: -1.803 ± 0.178 χ^2/NDF : 610.8/66

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: 39.986 $\pm$ 0.381 χ^2/NDF :1299.9/16

Right Out: 76.199 $\pm$ 1.071 χ^2/NDF : 1881.0/17

Left In: 39.837 $\pm$ 0.385 χ^2/NDF :263.1/14

Left: 39.912 $\pm$ 0.271 χ^2/NDF : 1563.0/31

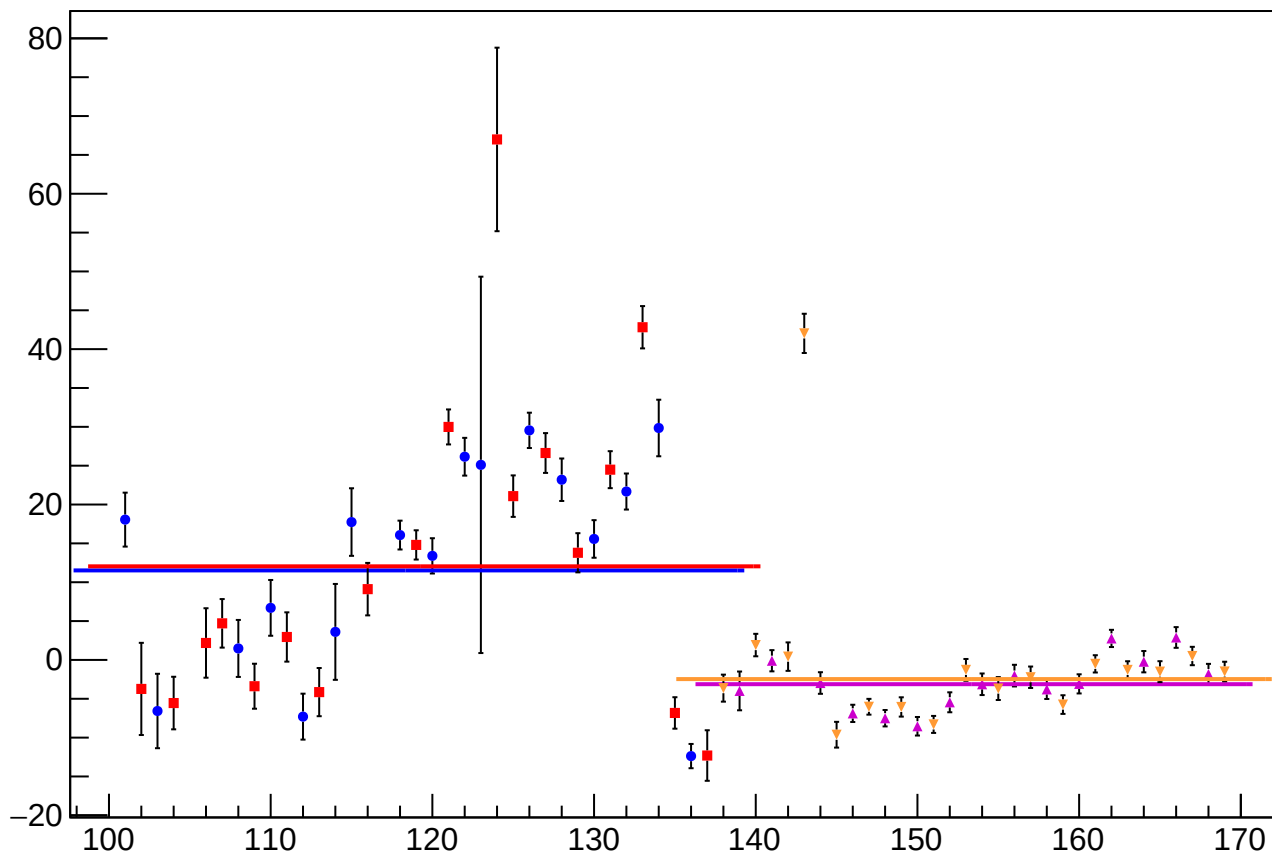
Right: 72.606 $\pm$ 0.760 χ^2/NDF : 3747.6/34

In: 43.128 $\pm$ 0.363 χ^2/NDF :2753.4/31

Out: 44.053 $\pm$ 0.359 χ^2/NDF :4195.7/34

All: 43.595 $\pm$ 0.255 χ^2/NDF : 6952.4/66

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: -2.466 $\pm$ 0.320 χ^2 /NDF:410.9/16

Right Out: 12.046 $\pm$ 0.665 χ^2 /NDF: 538.7/17

Left In: -3.122 $\pm$ 0.332 χ^2 /NDF:112.6/14

Left: -2.782 $\pm$ 0.230 χ^2 /NDF: 525.5/31

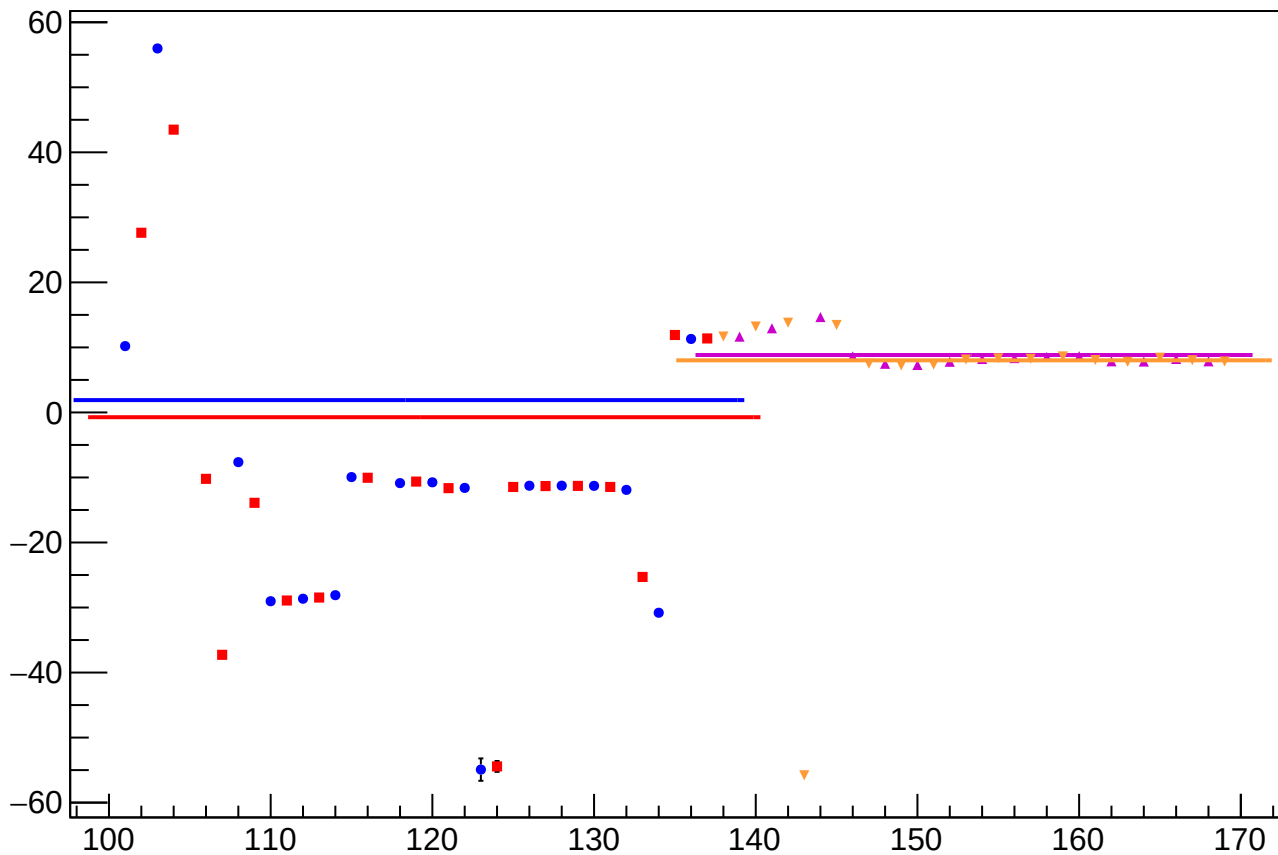
Right: 11.782 $\pm$ 0.468 χ^2 /NDF: 1016.2/34

In: -0.163 $\pm$ 0.297 χ^2 /NDF:982.8/31

Out: 0.261 $\pm$ 0.288 χ^2 /NDF:1336.9/34

All: 0.055 $\pm$ 0.207 χ^2 /NDF: 2320.8/66

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: 8.013 $\pm$ 0.015 χ^2 /NDF: 256524.9/16

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 8.832 $\pm$ 0.015 χ^2 /NDF: 14866.4/14

Left: 8.416 $\pm$ 0.011 χ^2 /NDF: 272873.9/31

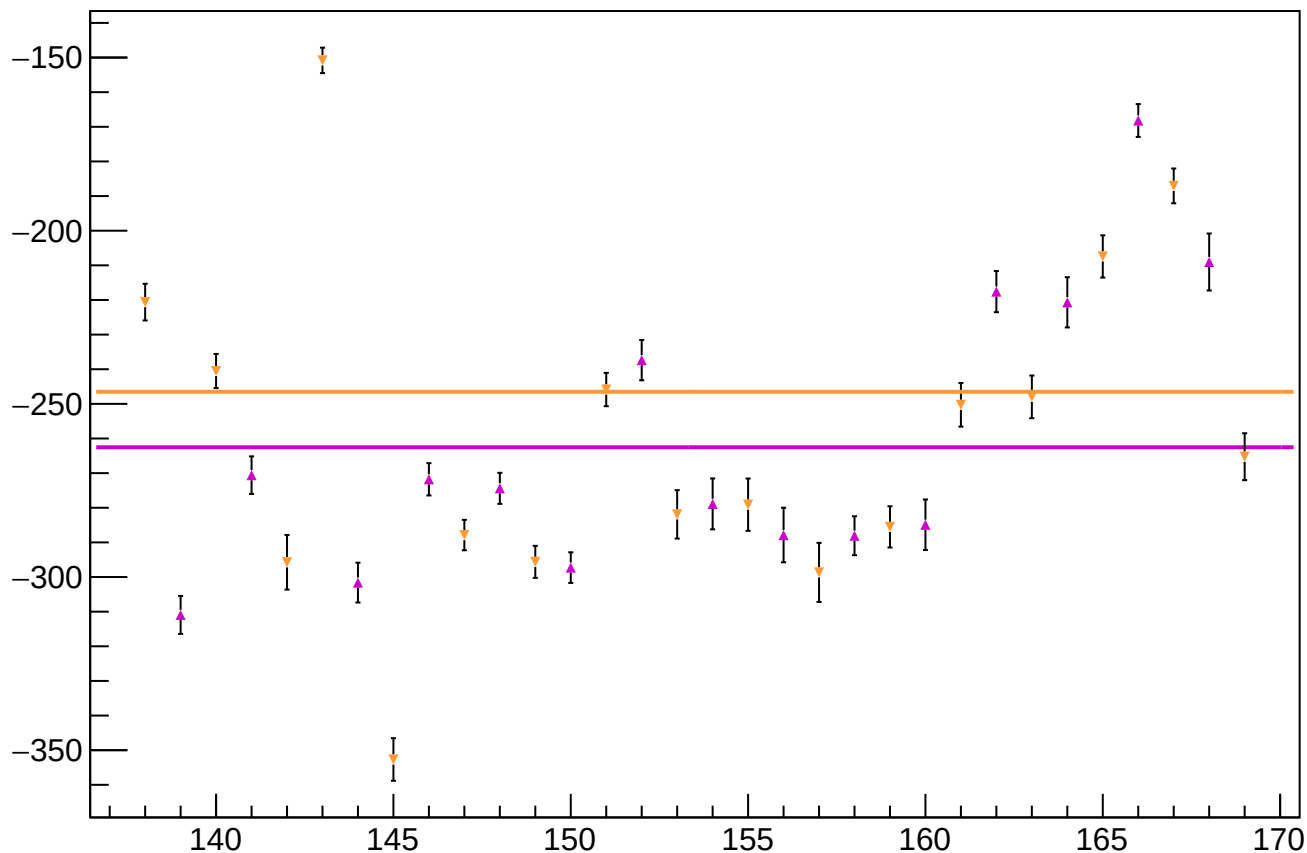
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 7.839 $\pm$ 0.014 χ^2 /NDF: 403758.7/31

Out: 6.796 $\pm$ 0.014 χ^2 /NDF: 664261.2/34

All: 7.311 $\pm$ 0.010 χ^2 /NDF: 1070821.1/66

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: -246.505+/-1.342 χ^2/NDF :1554.6/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -262.532+/-1.466 χ^2/NDF :791.5/14

Left: -253.815+/-0.990 χ^2/NDF : 2411.1/31

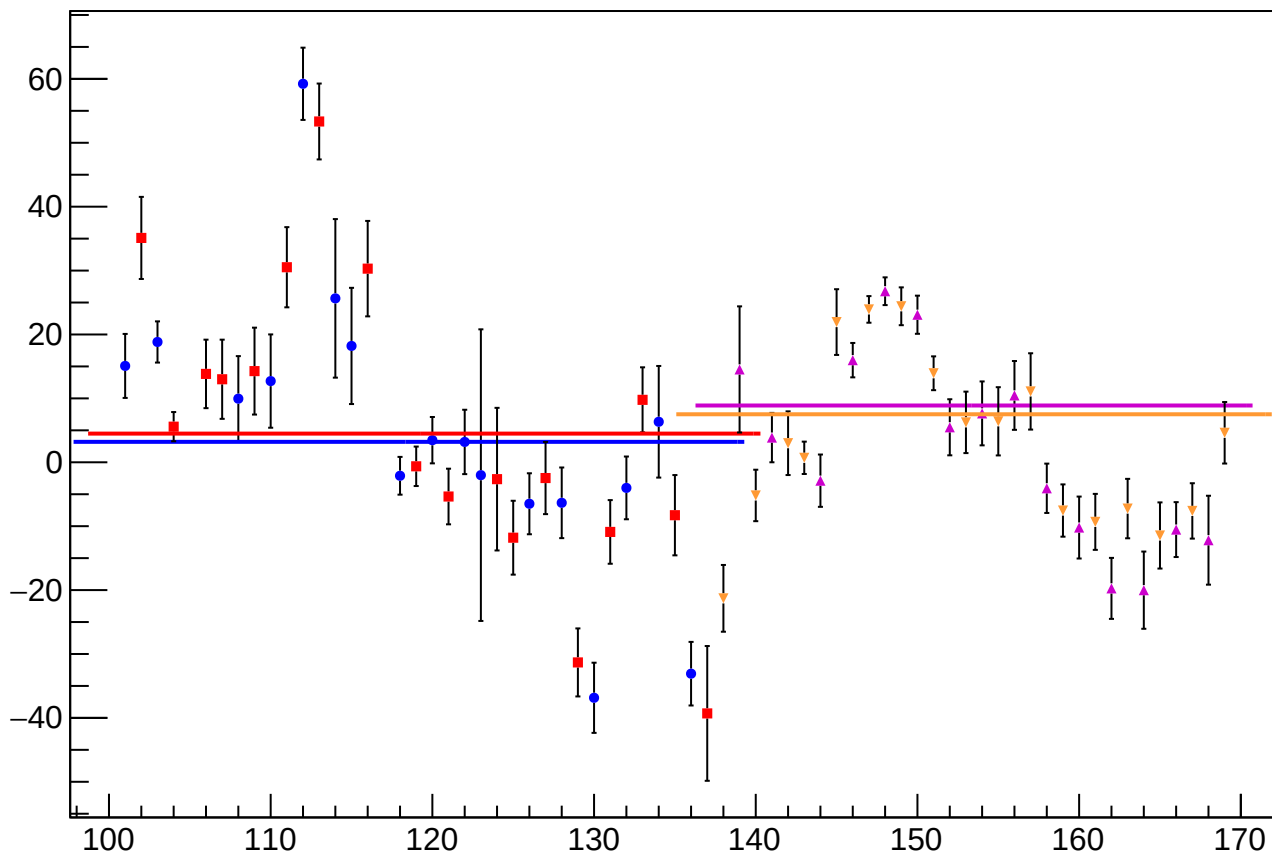
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.532+/-1.466 χ^2/NDF :791.5/14

Out: -246.505+/-1.342 χ^2/NDF :1554.6/16

All: -253.815+/-0.990 χ^2/NDF : 2411.1/31

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: 7.514 $\pm$ 0.906 χ^2 /NDF:221.7/16

Right Out: 4.489 $\pm$ 1.159 χ^2 /NDF: 221.8/17

Left In: 8.886 $\pm$ 1.009 χ^2 /NDF:223.7/14

Left: 8.126 $\pm$ 0.674 χ^2 /NDF: 446.5/31

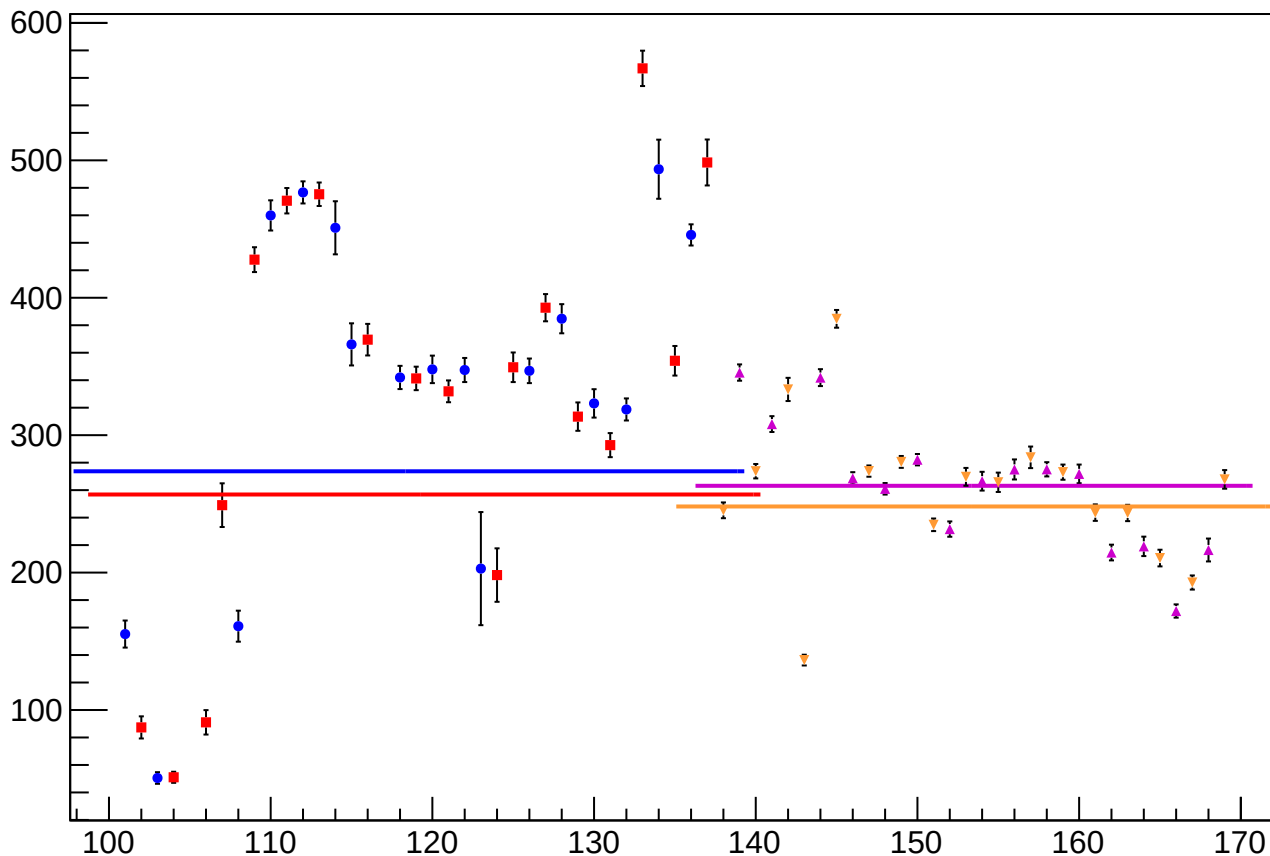
Right: 3.881 $\pm$ 0.843 χ^2 /NDF: 477.5/34

In: 6.592 $\pm$ 0.780 χ^2 /NDF:491.7/31

Out: 6.366 $\pm$ 0.714 χ^2 /NDF:447.7/34

All: 6.469 $\pm$ 0.526 χ^2 /NDF: 939.5/66

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: 248.107 $\pm$ 1.329 χ^2 /NDF:1712.8/16

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 263.156 $\pm$ 1.429 χ^2 /NDF:979.9/14

Left: 255.083 $\pm$ 0.973 χ^2 /NDF: 2752.2/31

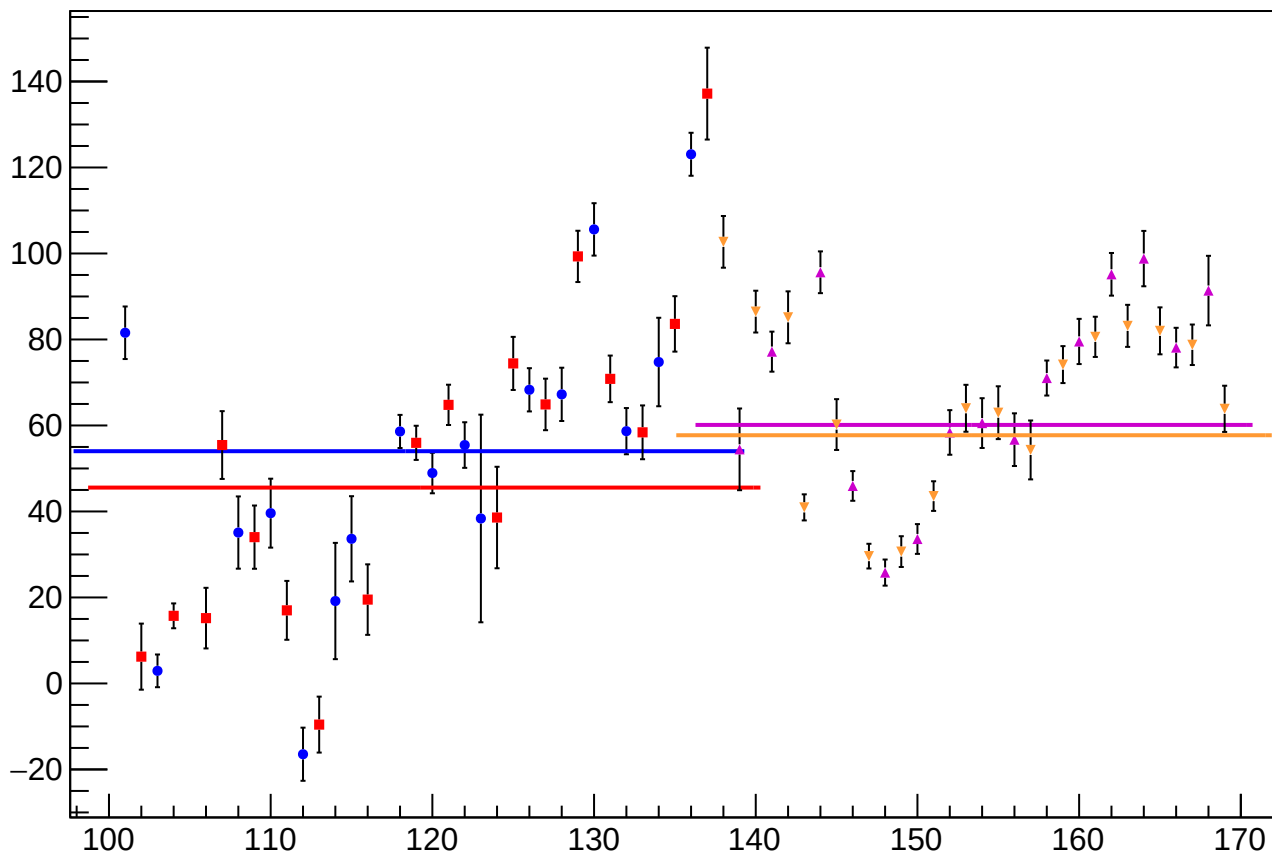
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 266.302 $\pm$ 1.198 χ^2 /NDF:6099.5/31

Out: 250.628 $\pm$ 1.120 χ^2 /NDF:8137.0/34

All: 257.943 $\pm$ 0.818 χ^2 /NDF: 14327.8/66

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: 57.726 $\pm$ 1.082 χ^2 /NDF:421.1/16

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 60.127 $\pm$ 1.201 χ^2 /NDF:408.1/14

Left: 58.801 $\pm$ 0.804 χ^2 /NDF: 831.4/31

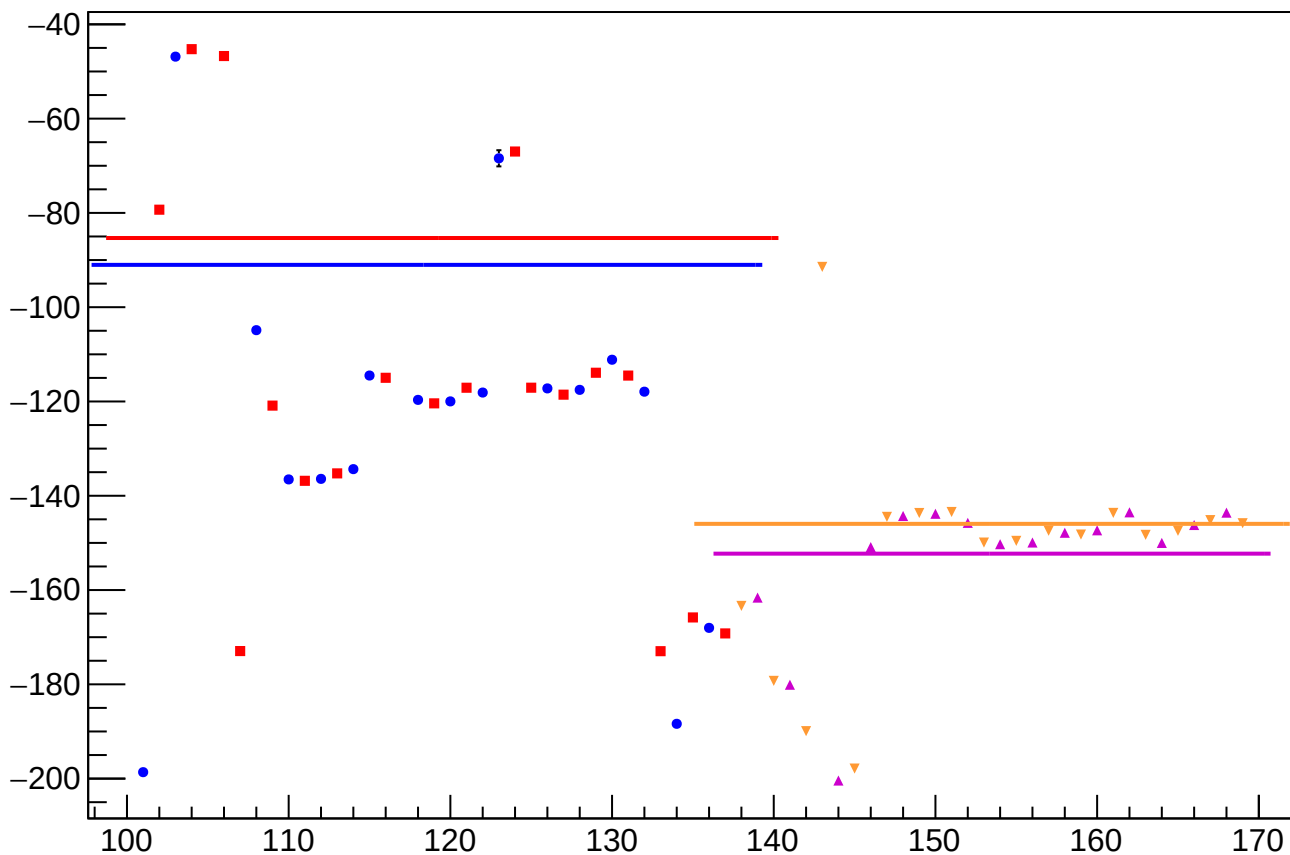
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.584 $\pm$ 0.918 χ^2 /NDF:1051.7/31

Out: 53.001 $\pm$ 0.846 χ^2 /NDF:996.9/34

All: 55.106 $\pm$ 0.622 χ^2 /NDF: 2062.1/66

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -145.959+/-0.053 χ^2/NDF : 205715.1/16

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -152.281+/-0.057 χ^2/NDF : 57492.3/14

Left: -148.895+/-0.039 χ^2/NDF : 269709.9/31

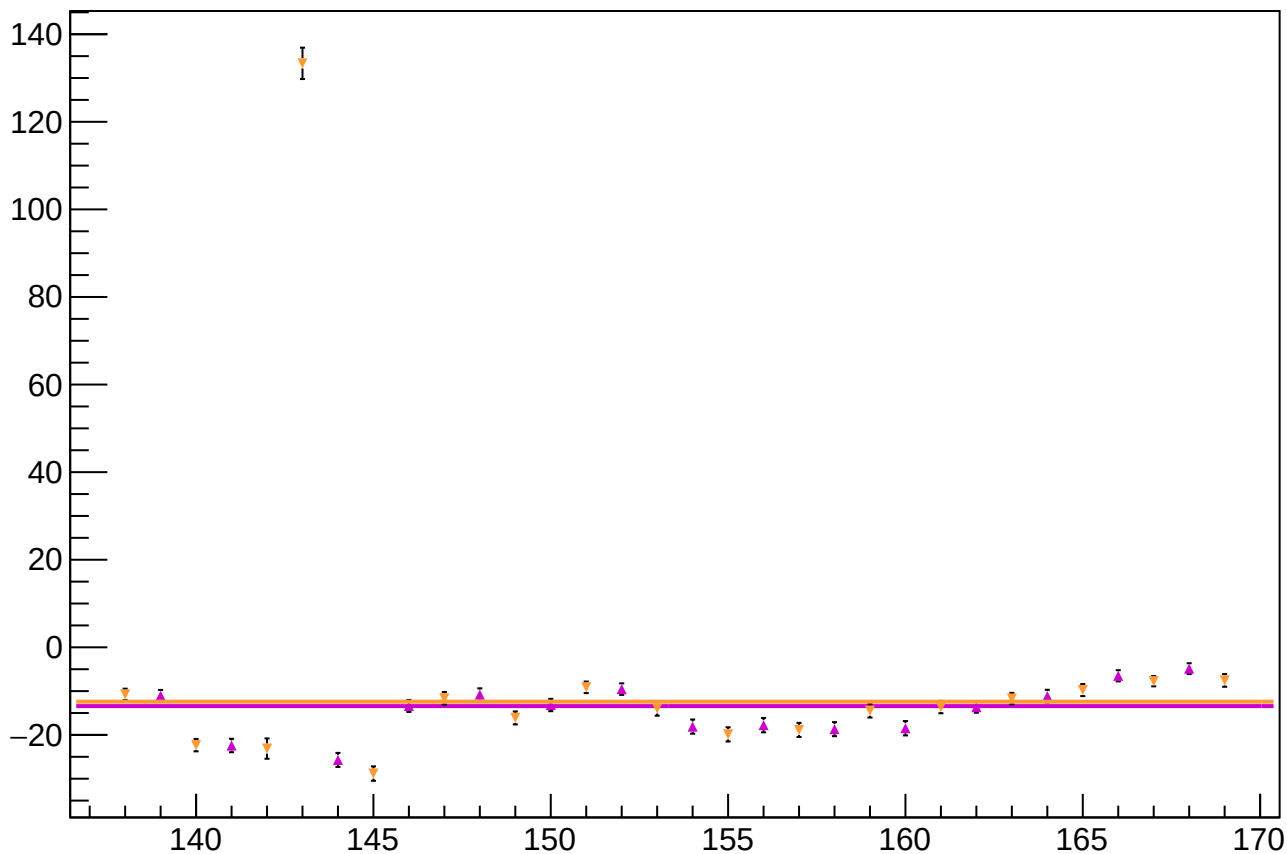
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -126.622+/-0.044 χ^2/NDF : 1069255.8/31

Out: -121.585+/-0.041 χ^2/NDF : 1206615.0/34

All: -123.960+/-0.030 χ^2/NDF : 2282879.4/66

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.406+/-0.363 χ^2/NDF :1912.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.424+/-0.368 χ^2/NDF :223.2/14

Left: -12.908+/-0.259 χ^2/NDF : 2139.5/31

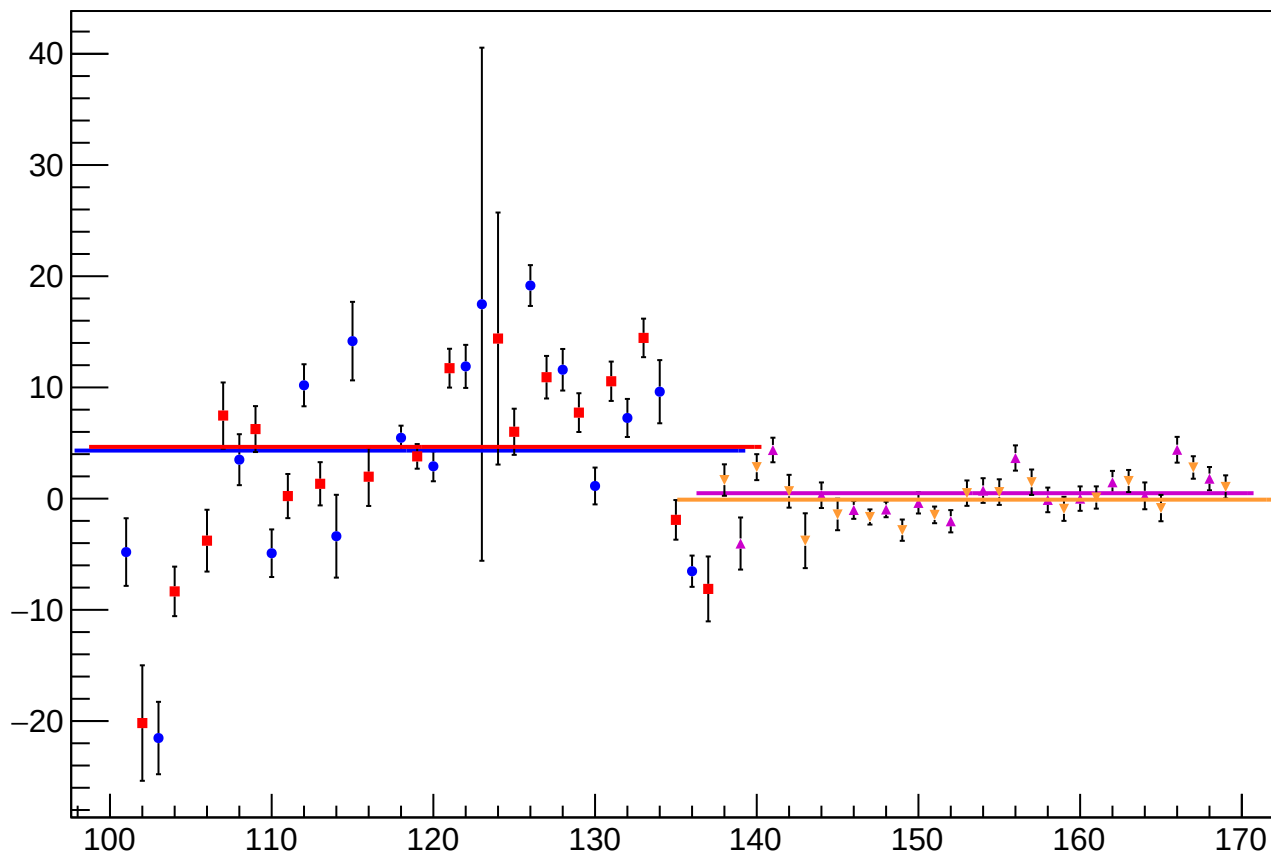
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.424+/-0.368 χ^2/NDF :223.2/14

Out: -12.406+/-0.363 χ^2/NDF :1912.4/16

All: -12.908+/-0.259 χ^2/NDF : 2139.5/31

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: -0.092 $\pm$ 0.257 χ^2 /NDF:43.8/16

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: 0.489 $\pm$ 0.267 χ^2 /NDF:53.5/14

Left: 0.187 $\pm$ 0.185 χ^2 /NDF: 99.7/31

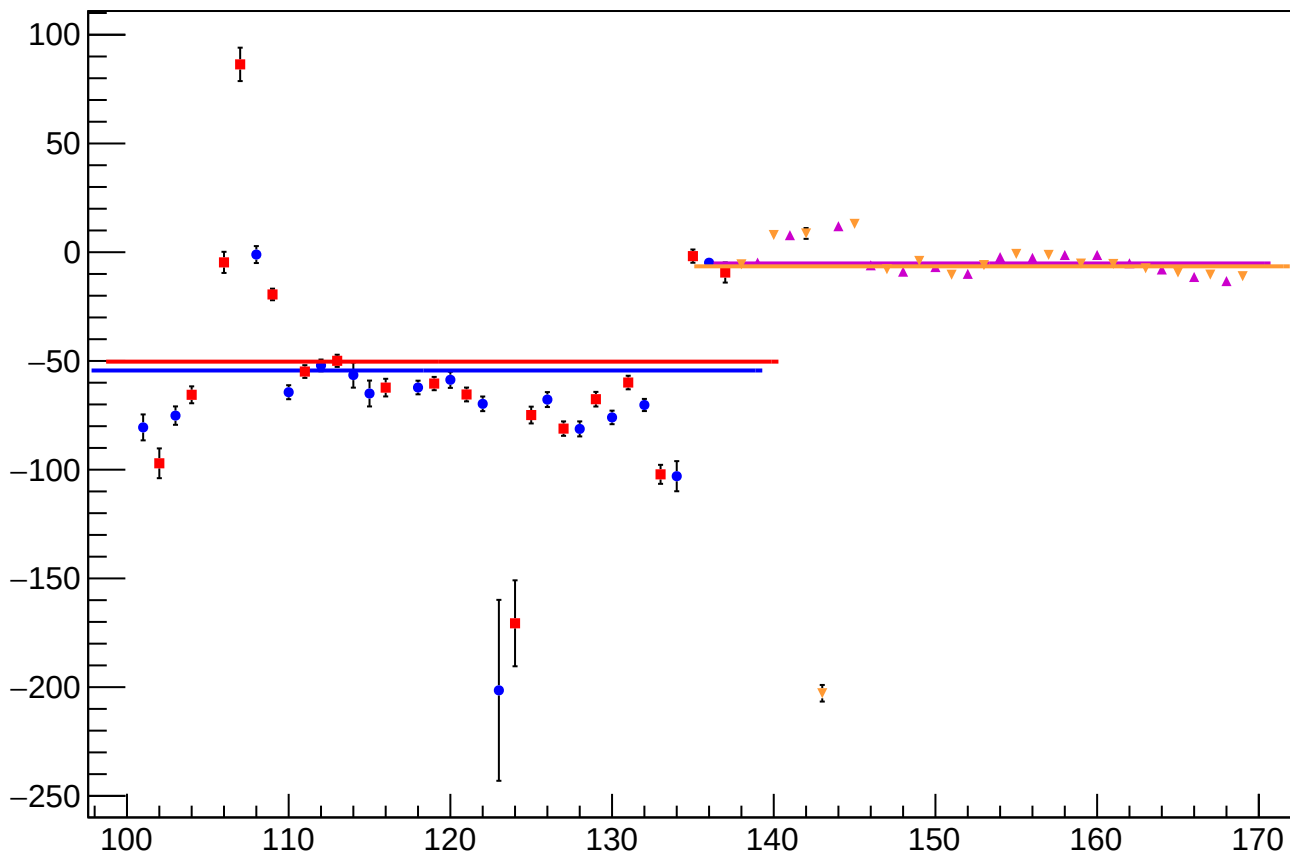
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 1.439 $\pm$ 0.232 χ^2 /NDF:384.8/31

Out: 0.985 $\pm$ 0.226 χ^2 /NDF:305.6/34

All: 1.206 $\pm$ 0.162 χ^2 /NDF: 692.4/66

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: -6.489 ± 0.356 $\chi^2/\text{NDF}: 2966.9/16$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -5.166 ± 0.360 $\chi^2/\text{NDF}: 275.2/14$

Left: -5.834 ± 0.253 $\chi^2/\text{NDF}: 3248.9/31$

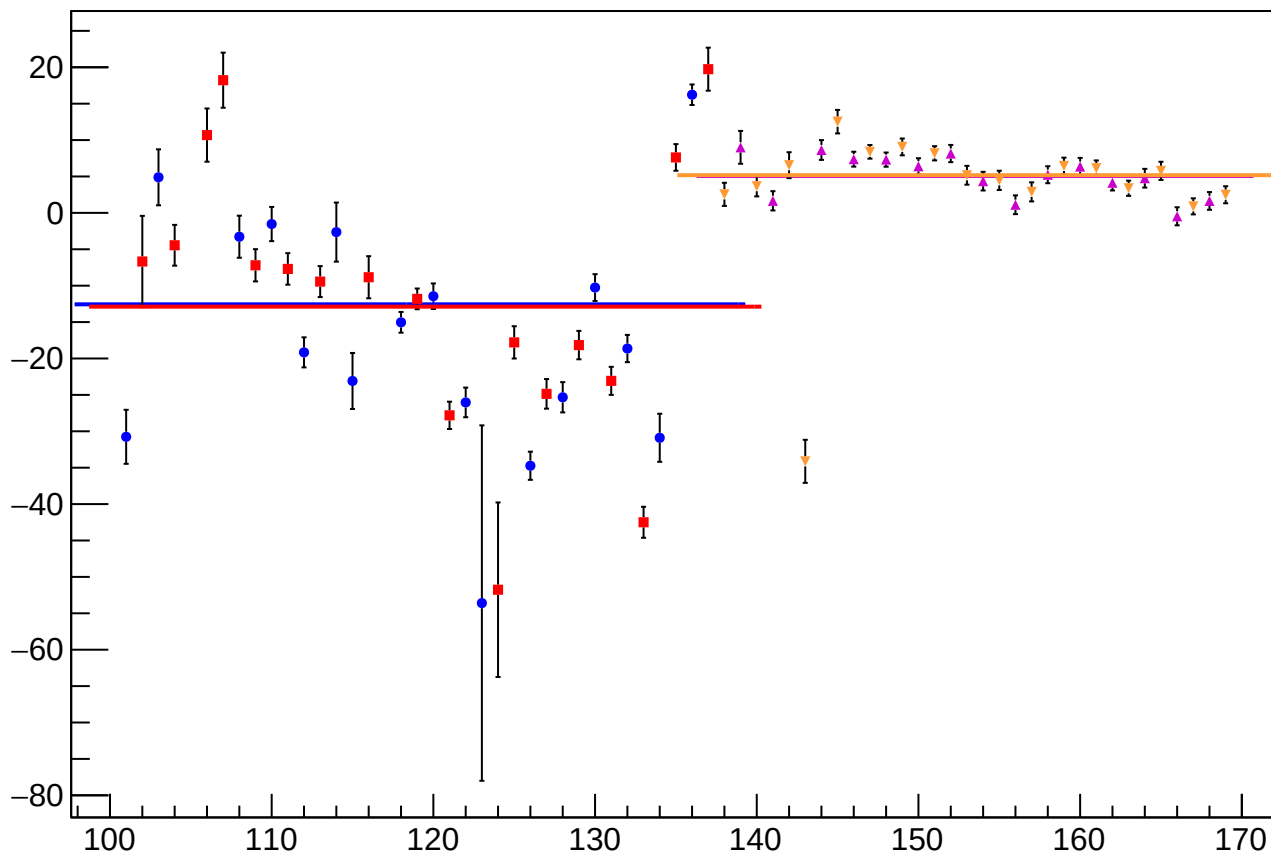
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -12.445 ± 0.332 $\chi^2/\text{NDF}: 4051.6/31$

Out: -12.935 ± 0.329 $\chi^2/\text{NDF}: 6510.0/34$

All: -12.693 ± 0.234 $\chi^2/\text{NDF}: 10562.7/66$

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: 5.176 ± 0.299 χ^2/NDF : 263.4/16

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.060 ± 0.311 χ^2/NDF : 74.8/14

Left: 5.121 ± 0.216 χ^2/NDF : 338.3/31

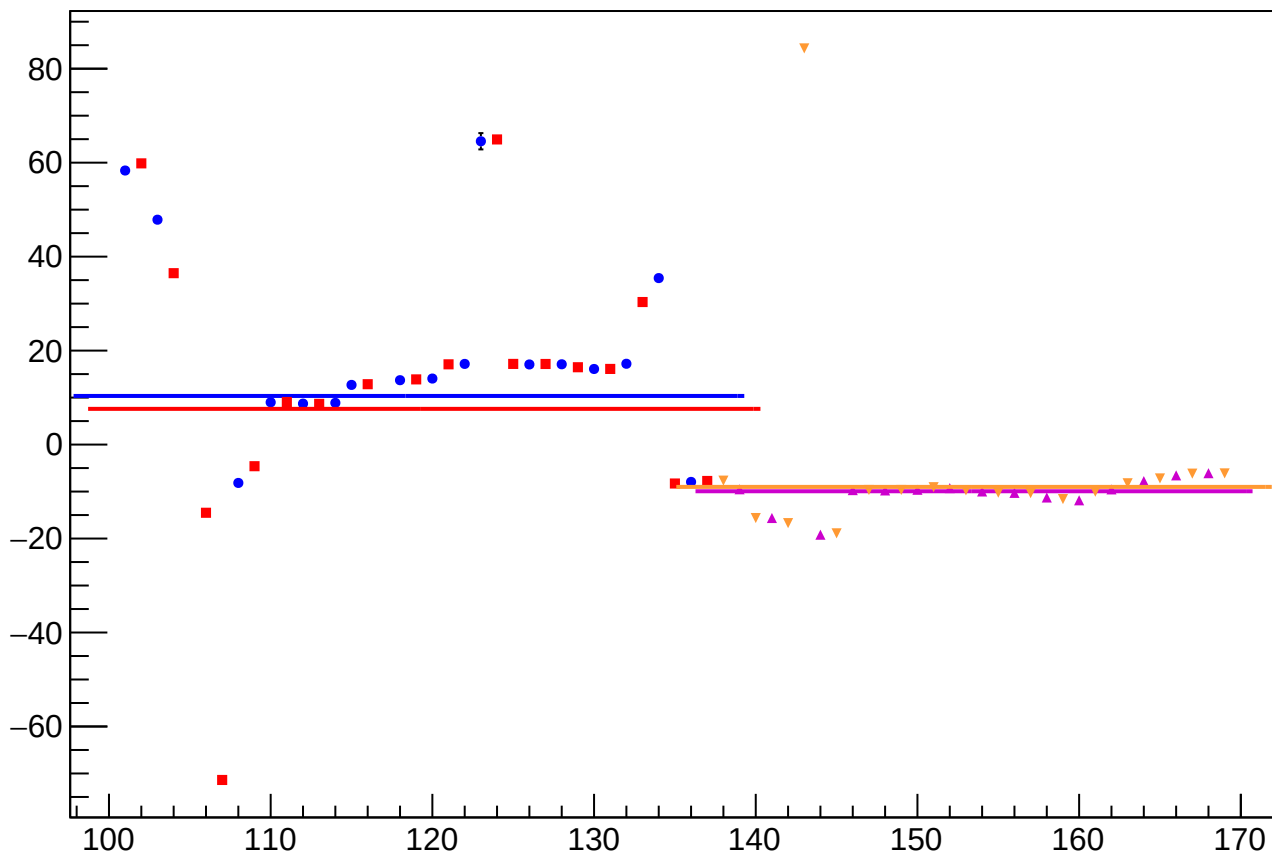
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.559 ± 0.269 χ^2/NDF : 1672.8/31

Out: 0.913 ± 0.262 χ^2/NDF : 1849.7/34

All: 0.741 ± 0.187 χ^2/NDF : 3523.4/66

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: -9.007+/-0.014 χ^2/NDF : 419013.6/16

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -9.936+/-0.014 χ^2/NDF : 36228.4/14

Left: -9.465+/-0.010 χ^2/NDF : 457426.9/31

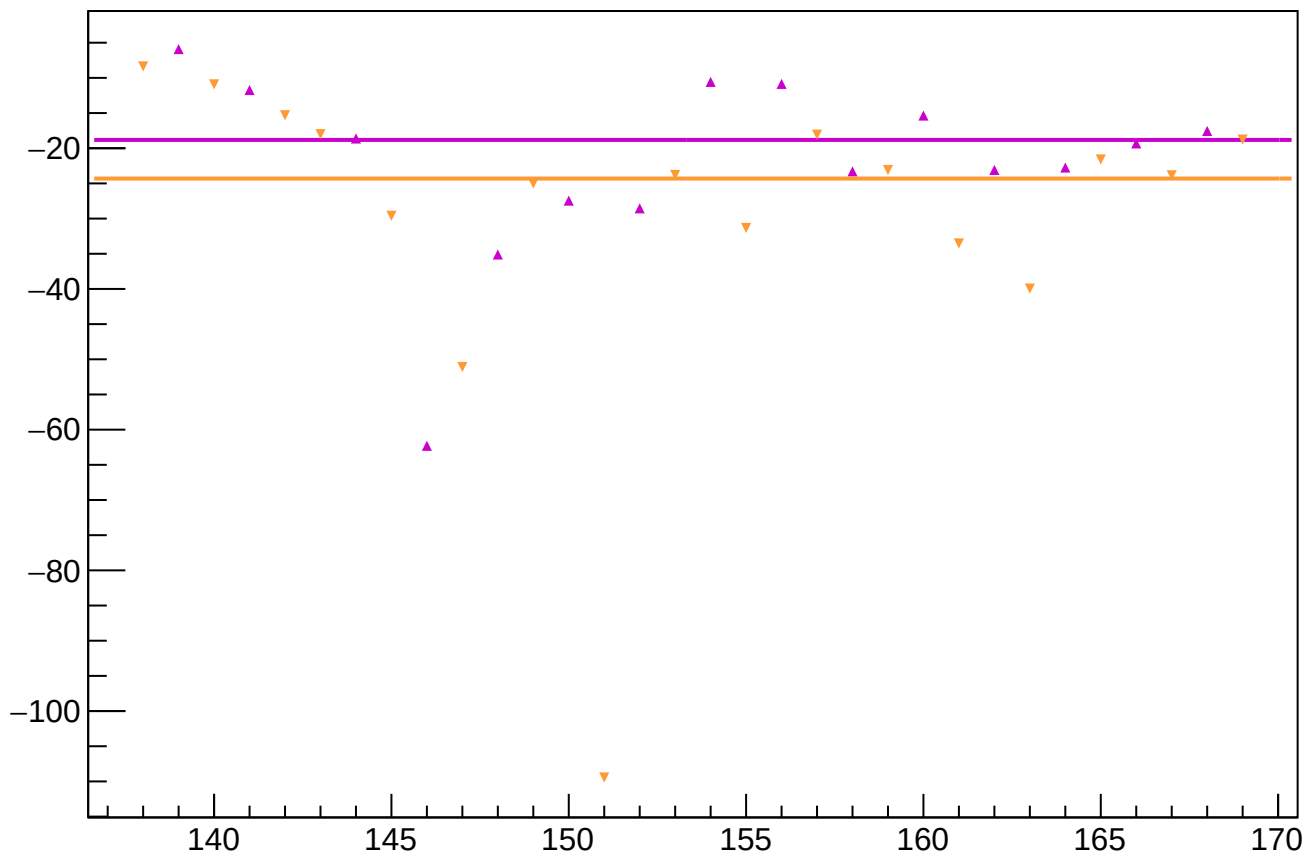
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -6.356+/-0.013 χ^2/NDF : 779504.8/31

Out: -6.250+/-0.013 χ^2/NDF : 1192411.5/34

All: -6.303+/-0.009 χ^2/NDF : 1971950.4/66

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: -24.310+/-0.058 χ^2/NDF : 57744.9/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.819+/-0.052 χ^2/NDF : 37929.8/14

Left: -21.258+/-0.039 χ^2/NDF : 100612.3/31

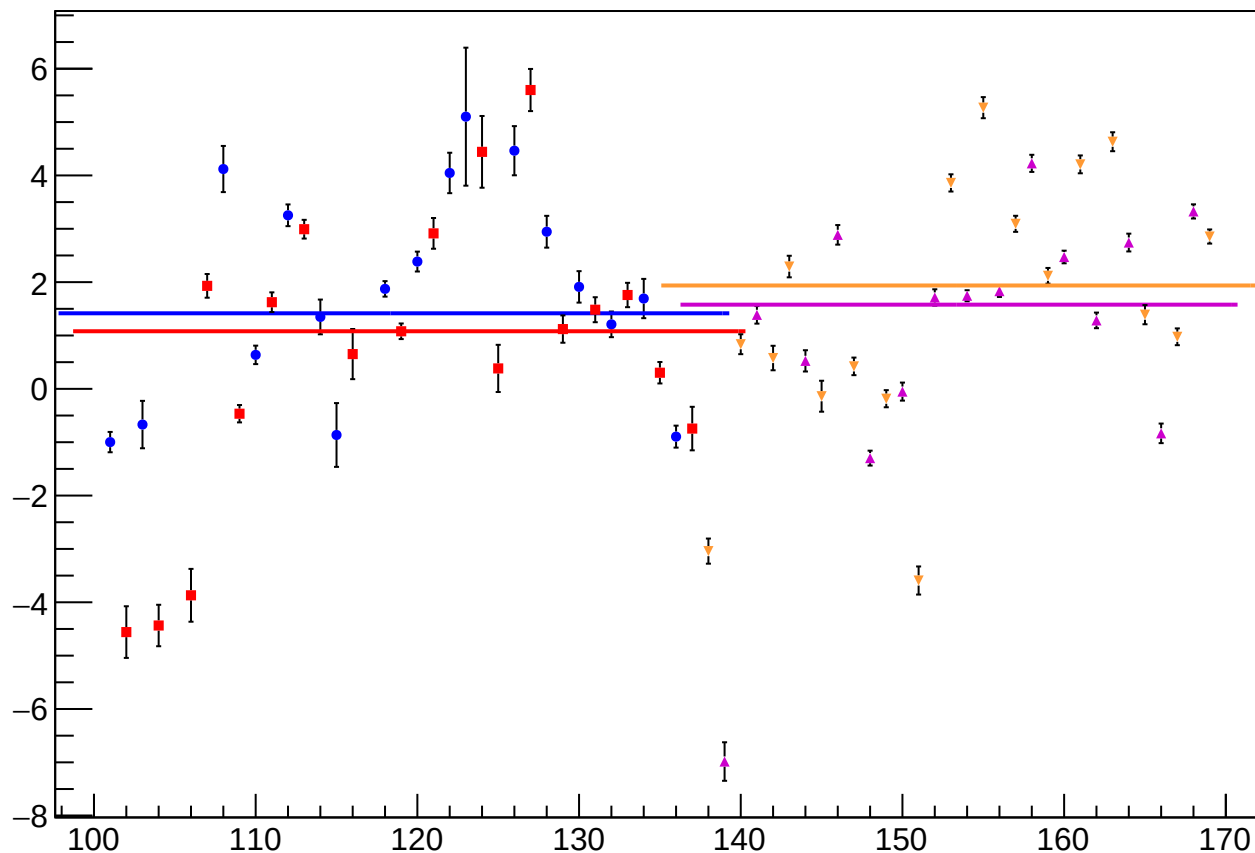
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.819+/-0.052 χ^2/NDF : 37929.8/14

Out: -24.310+/-0.058 χ^2/NDF : 57744.9/16

All: -21.258+/-0.039 χ^2/NDF : 100612.3/31

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.937 ± 0.043 χ^2/NDF : 2267.1/16

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 1.578 ± 0.038 χ^2/NDF : 1896.3/14

Left: 1.737 ± 0.029 χ^2/NDF : 4202.5/31

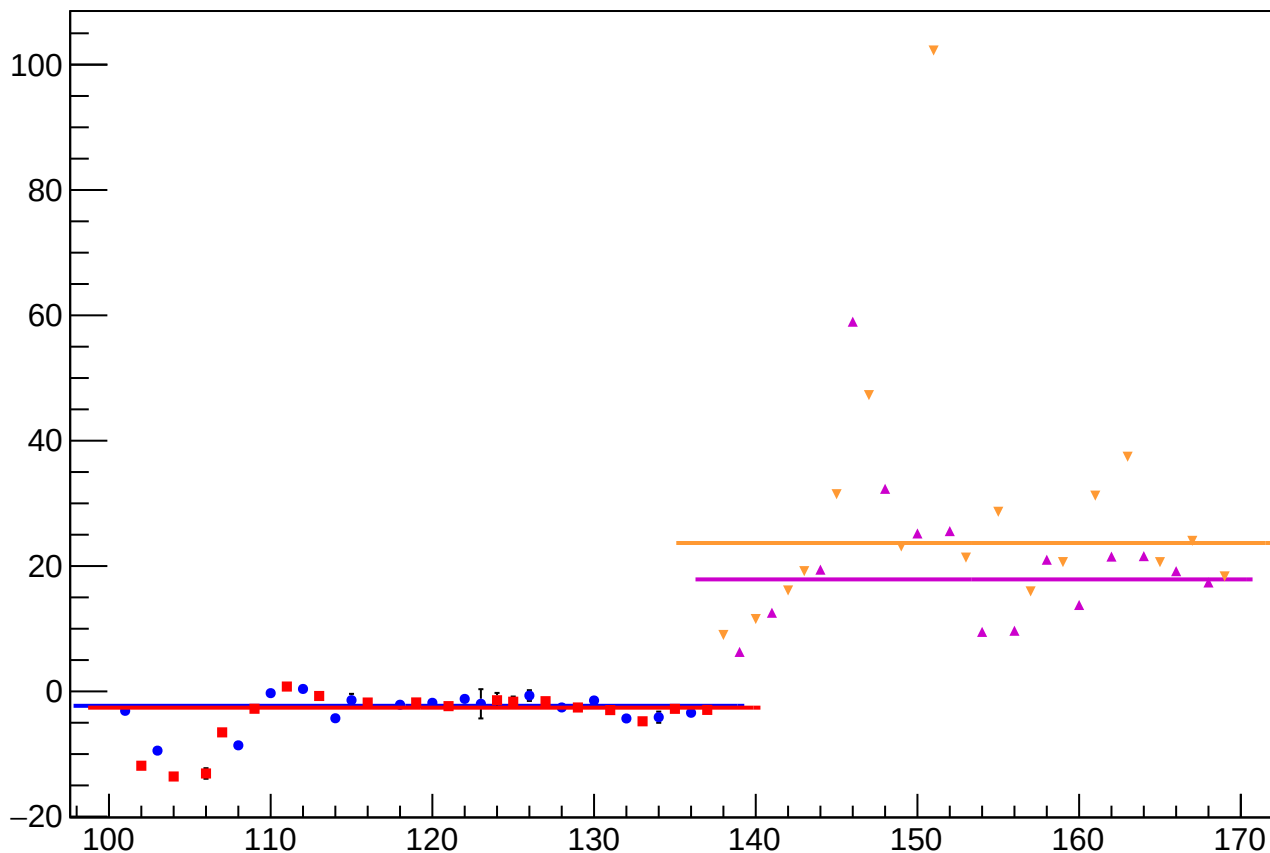
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.533 ± 0.032 χ^2/NDF : 2532.5/31

Out: 1.635 ± 0.035 χ^2/NDF : 3323.9/34

All: 1.580 ± 0.024 χ^2/NDF : 5861.1/66

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: 23.677 ± 0.057 χ^2/NDF : 51733.2/16

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.870 ± 0.050 χ^2/NDF : 35762.6/14

Left: 20.404 ± 0.038 χ^2/NDF : 93270.0/31

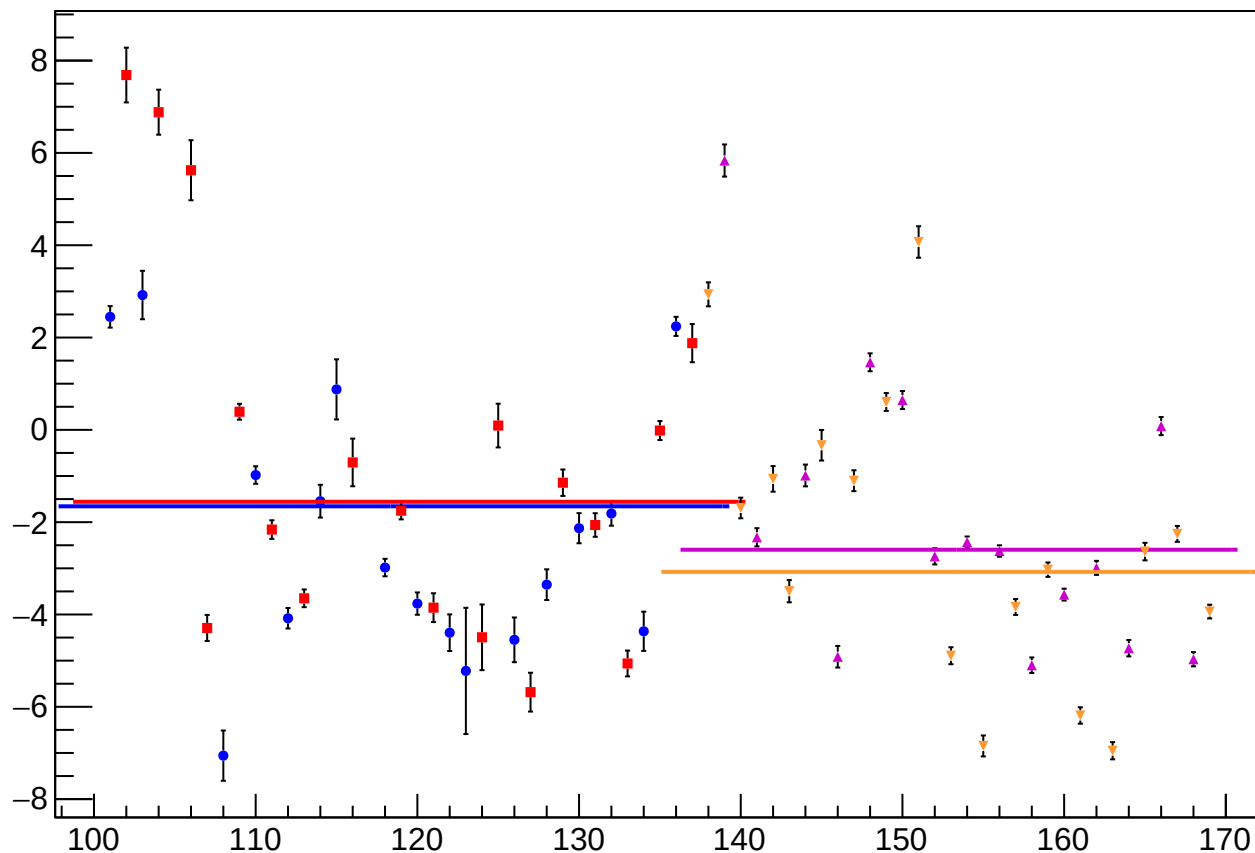
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 14.405 ± 0.046 χ^2/NDF : 63626.7/31

Out: 17.098 ± 0.050 χ^2/NDF : 105119.4/34

All: 15.646 ± 0.034 χ^2/NDF : 170330.2/66

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: -3.077 ± 0.049 χ^2/NDF : 2767.5/16

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.597 ± 0.043 χ^2/NDF : 2299.3/14

Left: -2.809 ± 0.032 χ^2/NDF : 5120.8/31

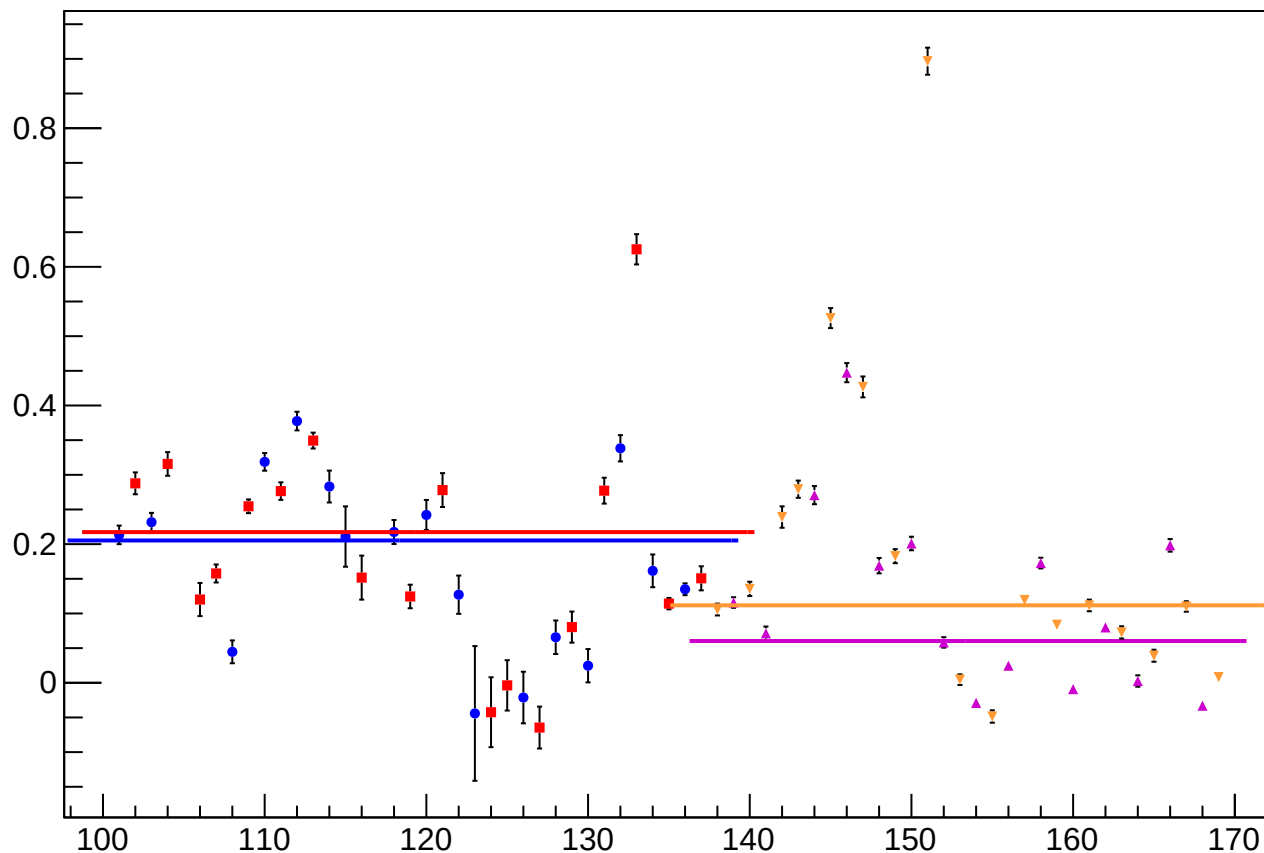
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.337 ± 0.037 χ^2/NDF : 3699.5/31

Out: -2.537 ± 0.039 χ^2/NDF : 4596.4/34

All: -2.431 ± 0.027 χ^2/NDF : 8309.6/66

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 0.112 ± 0.002 $\chi^2/\text{NDF}: 4031.9/16$

Right Out: 0.217 ± 0.004 $\chi^2/\text{NDF}: 1019.4/17$

Left In: 0.060 ± 0.002 $\chi^2/\text{NDF}: 2660.3/14$

Left: 0.082 ± 0.001 $\chi^2/\text{NDF}: 7007.3/31$

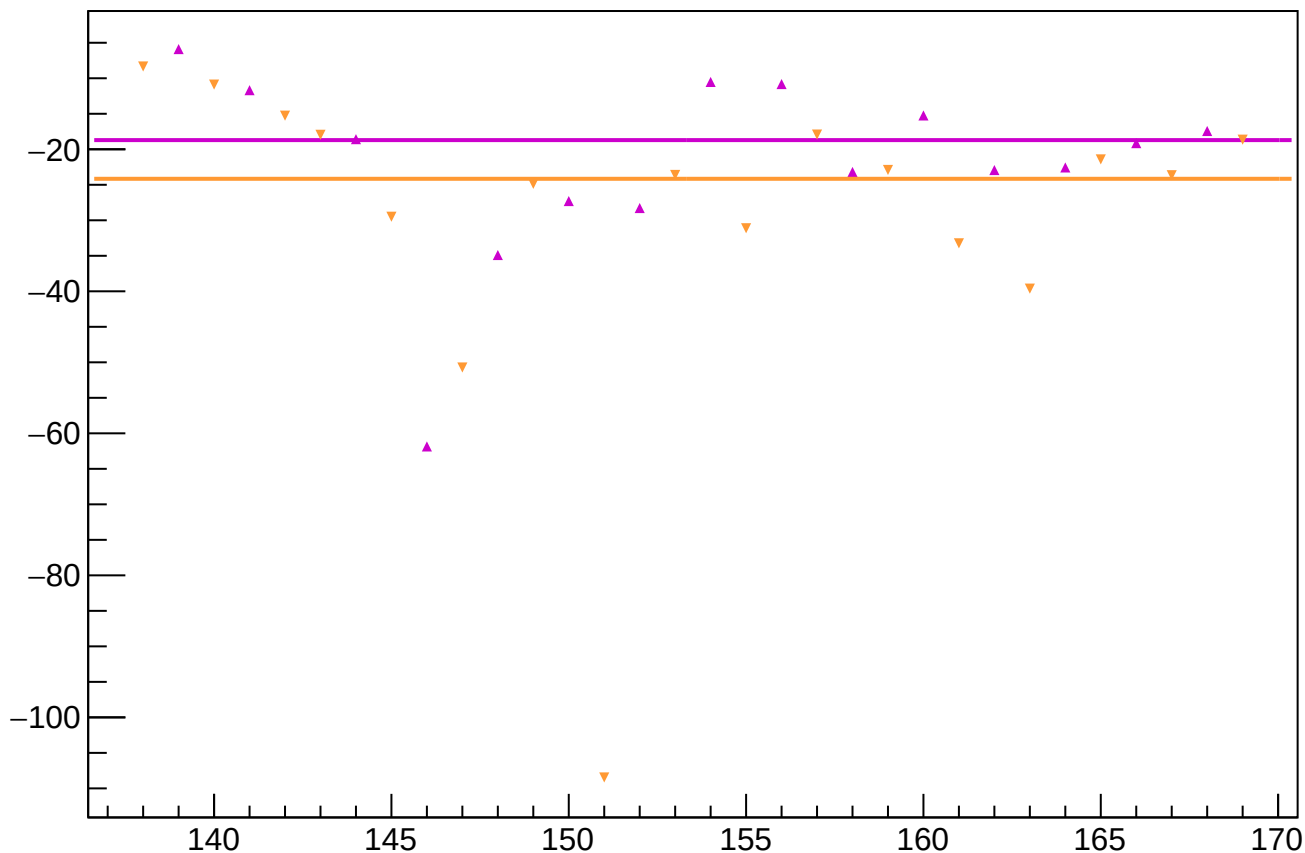
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1644.6/34$

In: 0.085 ± 0.002 $\chi^2/\text{NDF}: 4297.0/31$

Out: 0.139 ± 0.002 $\chi^2/\text{NDF}: 5650.4/34$

All: 0.110 ± 0.001 $\chi^2/\text{NDF}: 10392.9/66$

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: -24.157+/-0.058 χ^2/NDF : 57564.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.709+/-0.052 χ^2/NDF : 37843.5/14

Left: -21.129+/-0.039 χ^2/NDF : 100330.2/31

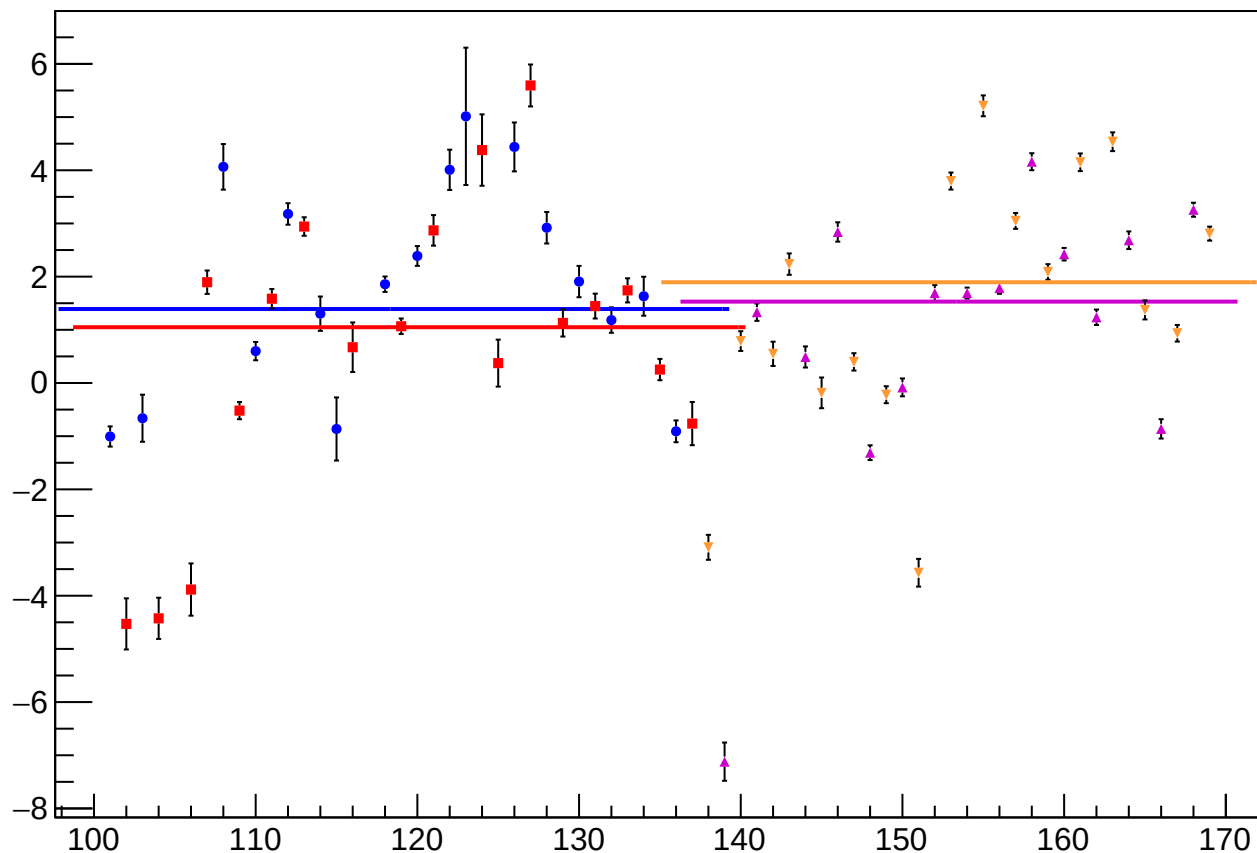
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.709+/-0.052 χ^2/NDF : 37843.5/14

Out: -24.157+/-0.058 χ^2/NDF : 57564.3/16

All: -21.129+/-0.039 χ^2/NDF : 100330.2/31

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.894 ± 0.043 χ^2/NDF : 2266.6/16

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.530 ± 0.038 χ^2/NDF : 1906.7/14

Left: 1.691 ± 0.028 χ^2/NDF : 4213.9/31

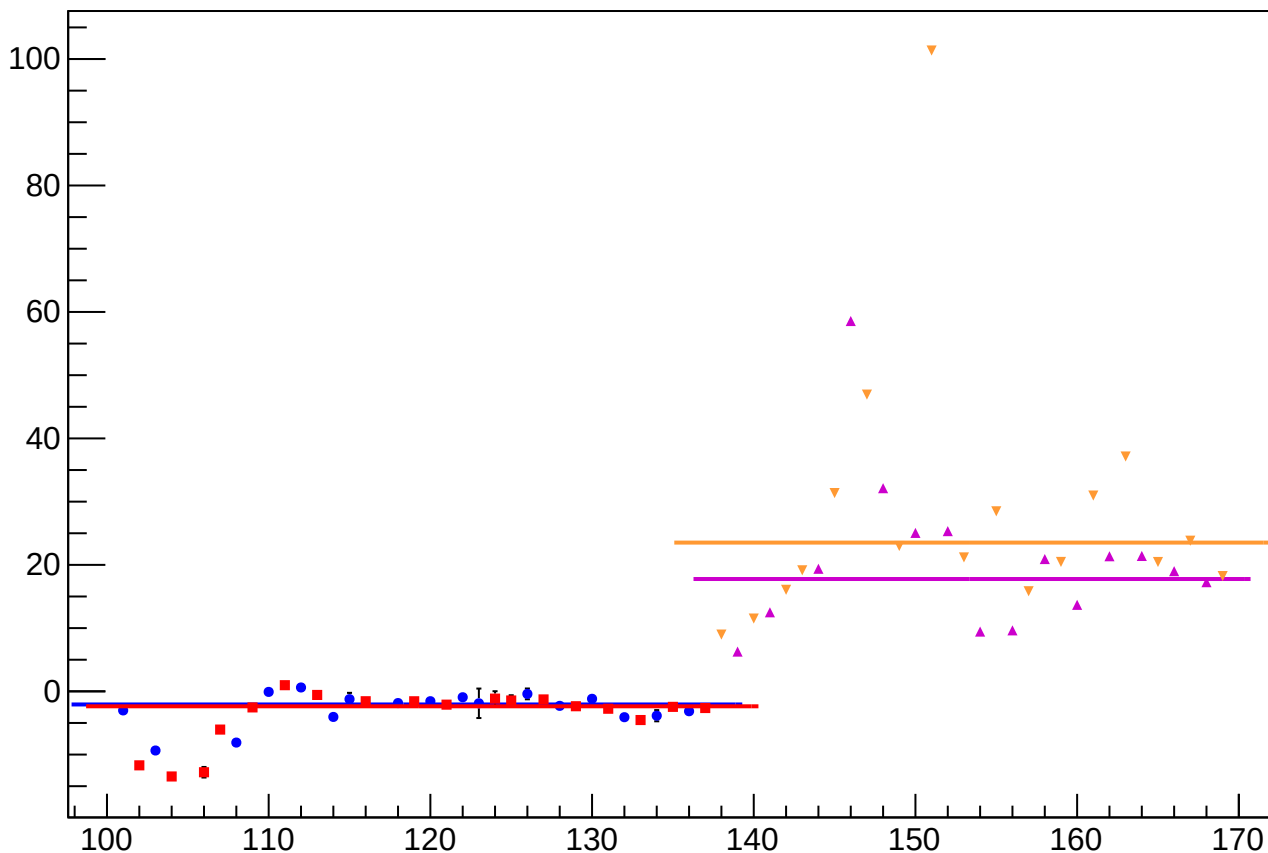
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.491 ± 0.032 χ^2/NDF : 2539.7/31

Out: 1.597 ± 0.034 χ^2/NDF : 3324.4/34

All: 1.541 ± 0.023 χ^2/NDF : 5869.1/66

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: 23.525 ± 0.057 χ^2/NDF : 51595.9/16

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.766 ± 0.050 χ^2/NDF : 35688.2/14

Left: 20.279 ± 0.038 χ^2/NDF : 93036.2/31

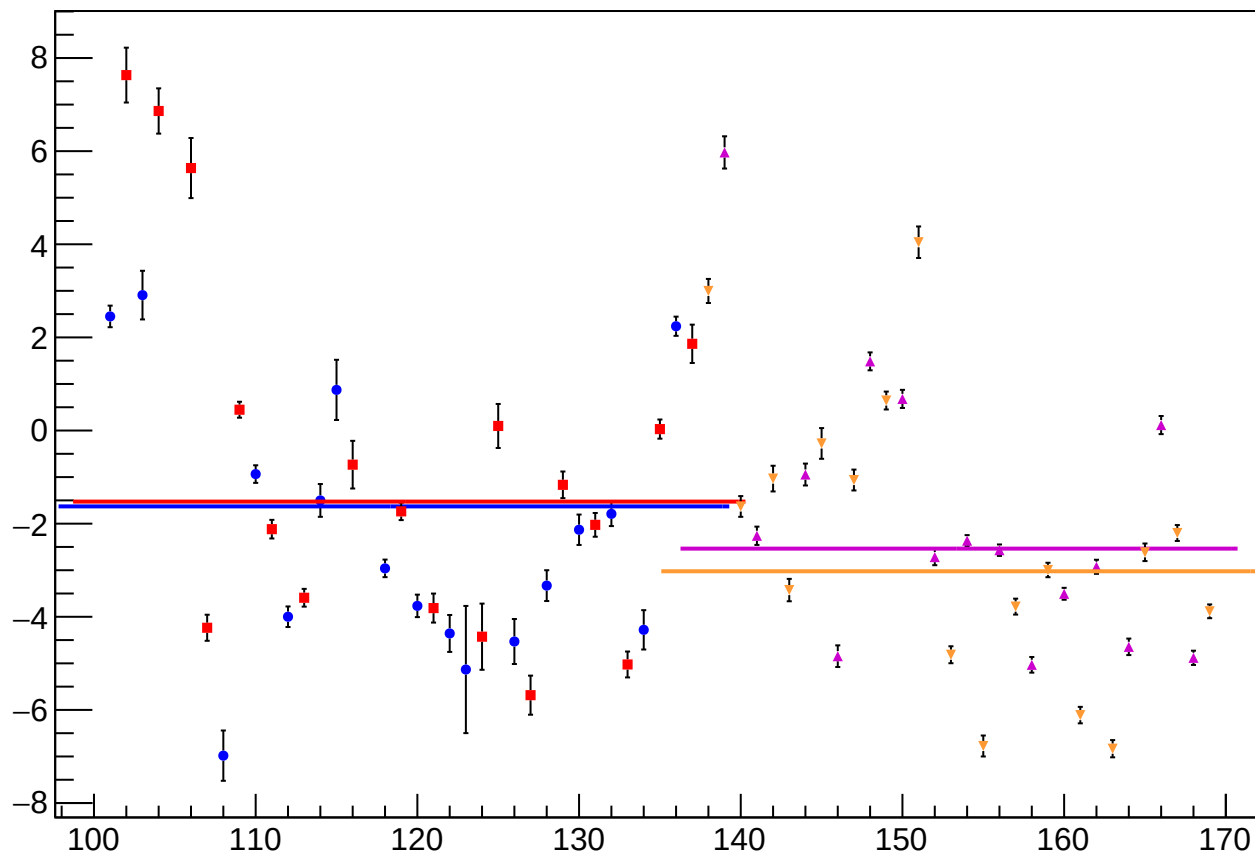
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 14.364 ± 0.046 χ^2/NDF : 62947.5/31

Out: 17.052 ± 0.049 χ^2/NDF : 104054.8/34

All: 15.604 ± 0.034 χ^2/NDF : 168600.5/66

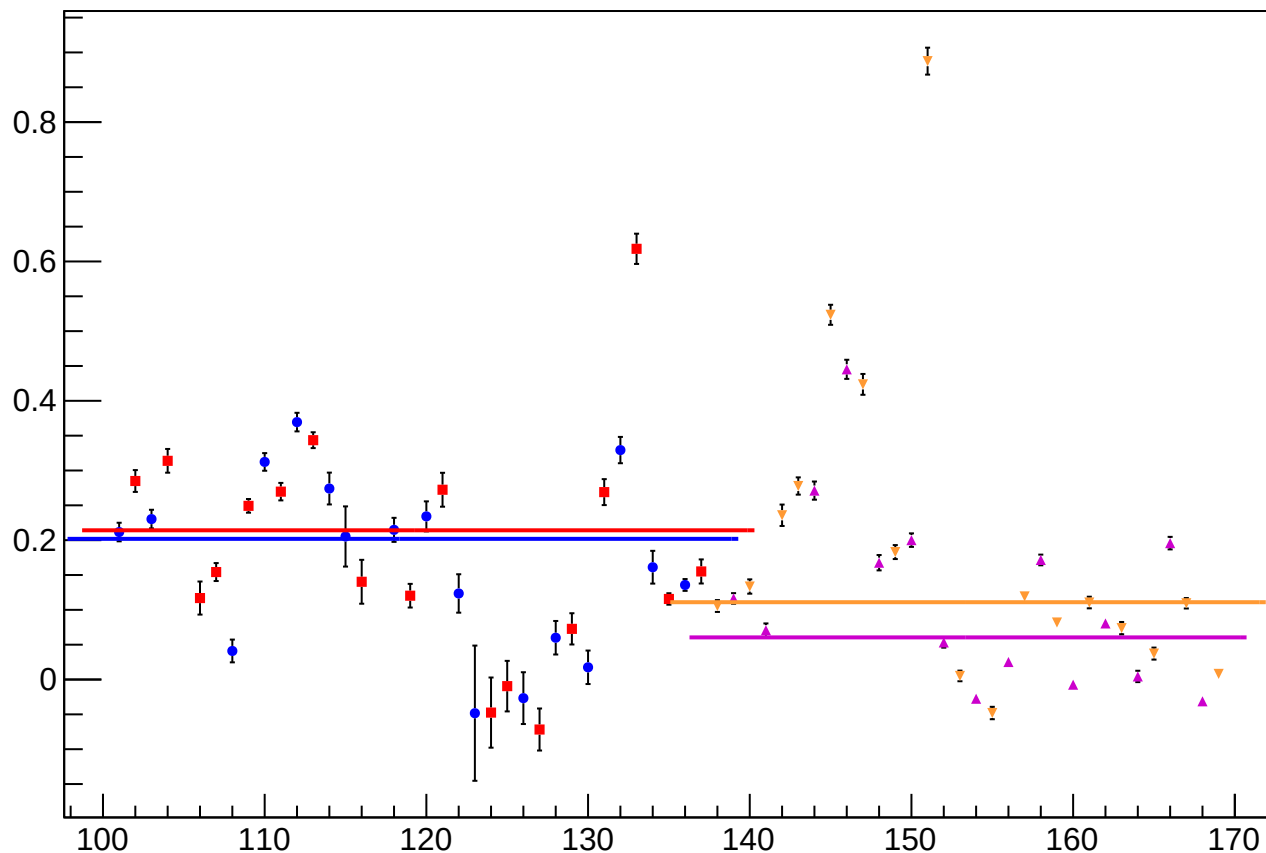
reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$
 Left Out: -3.022 ± 0.048 $\chi^2/\text{NDF}: 2765.7/16$
 Right Out: -1.526 ± 0.065 $\chi^2/\text{NDF}: 1488.2/17$
 Left In: -2.536 ± 0.043 $\chi^2/\text{NDF}: 2310.4/14$

Left: -2.751 ± 0.032 $\chi^2/\text{NDF}: 5132.1/31$
 Right: -1.574 ± 0.048 $\chi^2/\text{NDF}: 2755.7/34$
 In: -2.287 ± 0.037 $\chi^2/\text{NDF}: 3697.9/31$
 Out: -2.492 ± 0.039 $\chi^2/\text{NDF}: 4591.5/34$
 All: -2.383 ± 0.027 $\chi^2/\text{NDF}: 8304.1/66$

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: 0.111 ± 0.002 χ^2/NDF : 4027.1/16

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.060 ± 0.002 χ^2/NDF : 2641.0/14

Left: 0.082 ± 0.001 χ^2/NDF : 6975.0/31

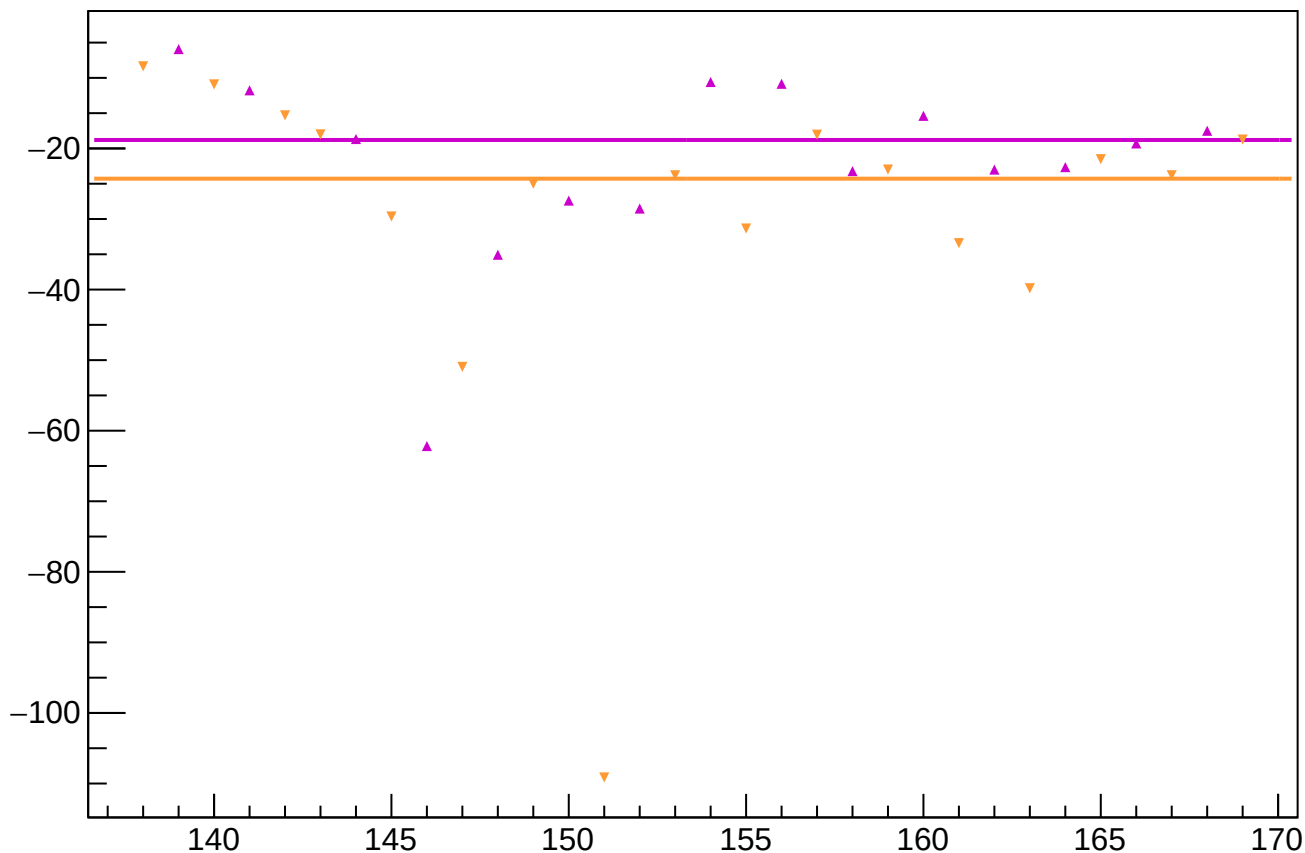
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.085 ± 0.002 χ^2/NDF : 4221.7/31

Out: 0.138 ± 0.002 χ^2/NDF : 5607.0/34

All: 0.109 ± 0.001 χ^2/NDF : 10262.8/66

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: -24.284+/-0.058 χ^2/NDF : 57695.5/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.800+/-0.052 χ^2/NDF : 37903.9/14

Left: -21.235+/-0.039 χ^2/NDF : 100546.8/31

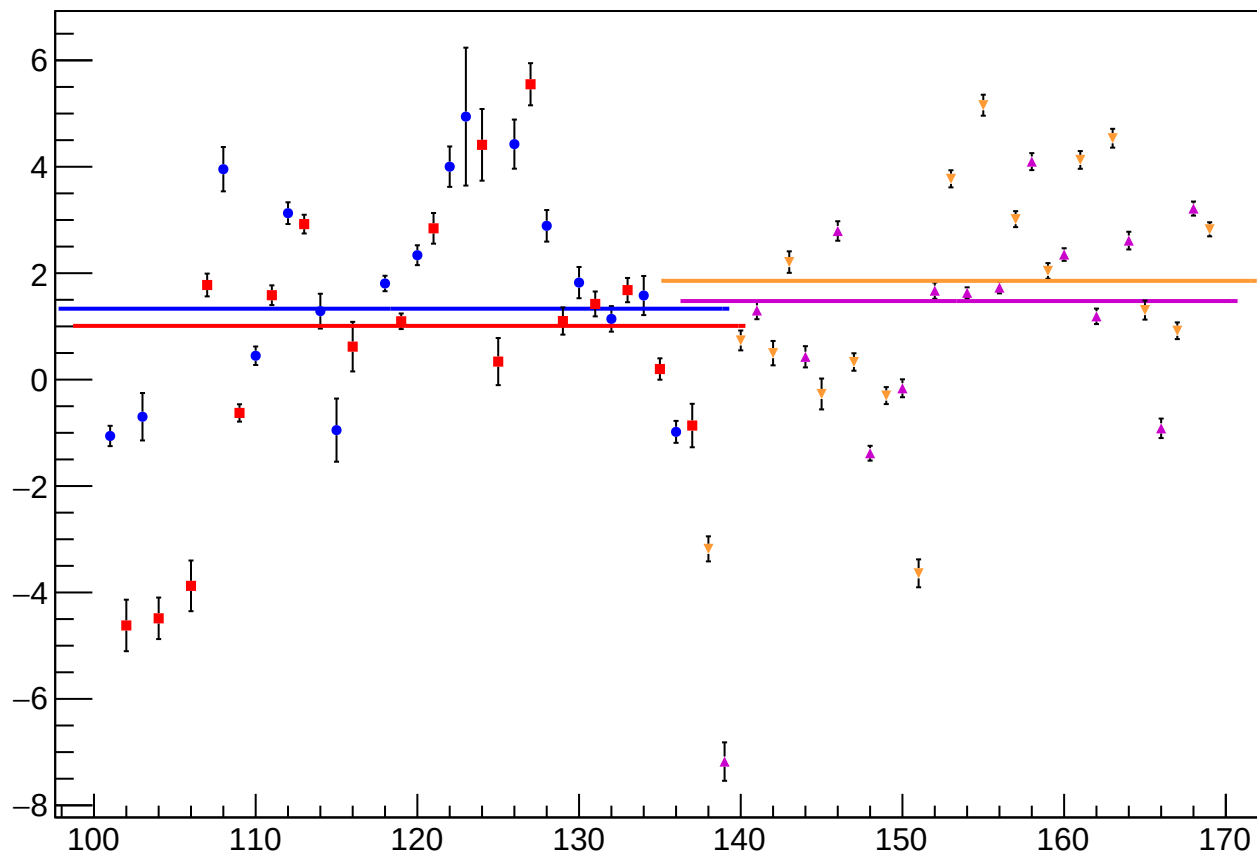
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.800+/-0.052 χ^2/NDF : 37903.9/14

Out: -24.284+/-0.058 χ^2/NDF : 57695.5/16

All: -21.235+/-0.039 χ^2/NDF : 100546.8/31

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.856 ± 0.043 χ^2/NDF : 2289.2/16

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.476 ± 0.038 χ^2/NDF : 1897.3/14

Left: 1.644 ± 0.028 χ^2/NDF : 4230.3/31

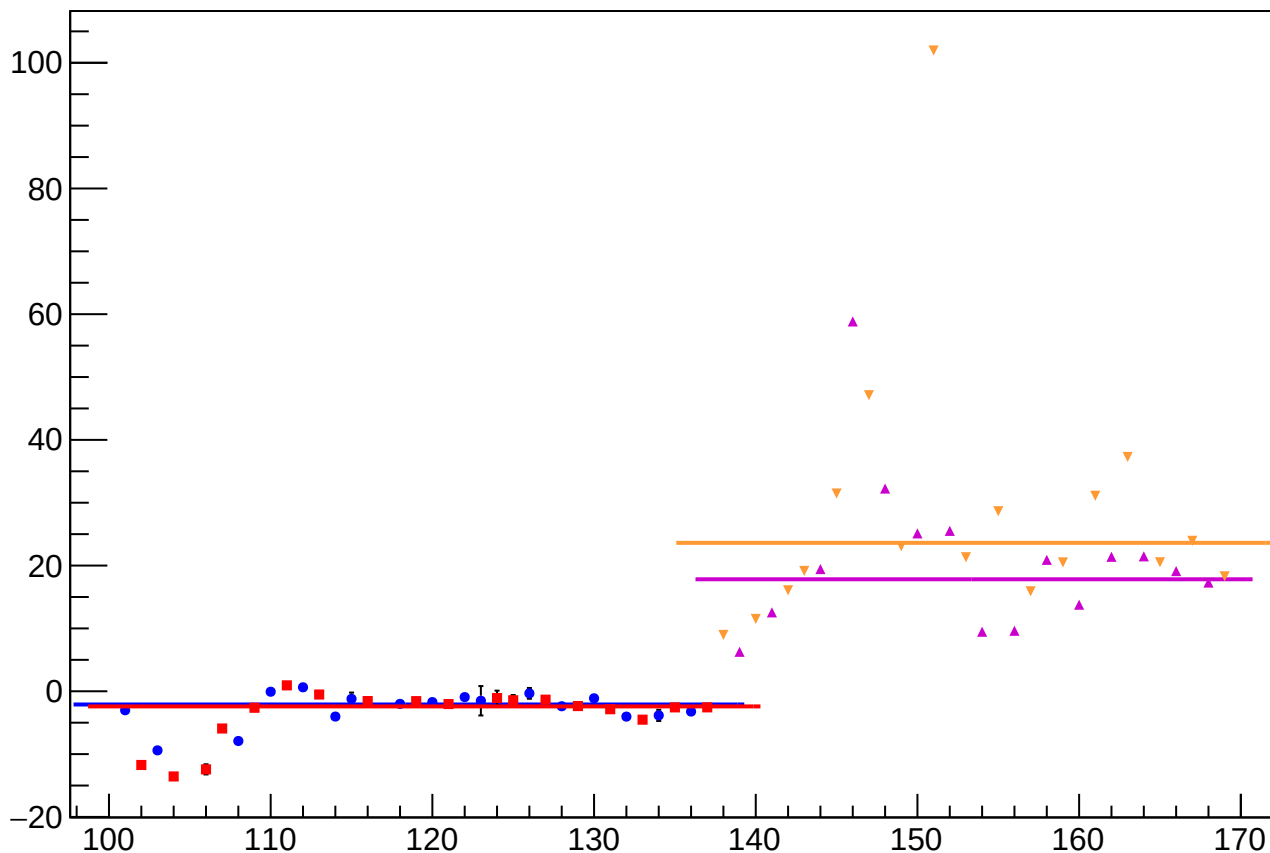
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.436 ± 0.032 χ^2/NDF : 2535.8/31

Out: 1.558 ± 0.034 χ^2/NDF : 3357.0/34

All: 1.493 ± 0.024 χ^2/NDF : 5899.4/66

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: 23.617 ± 0.057 $\chi^2/\text{NDF}: 51709.3/16$

Right Out: -2.410 ± 0.099 $\chi^2/\text{NDF}: 886.9/17$

Left In: 17.817 ± 0.050 $\chi^2/\text{NDF}: 35759.2/14$

Left: 20.347 ± 0.038 $\chi^2/\text{NDF}: 93255.6/31$

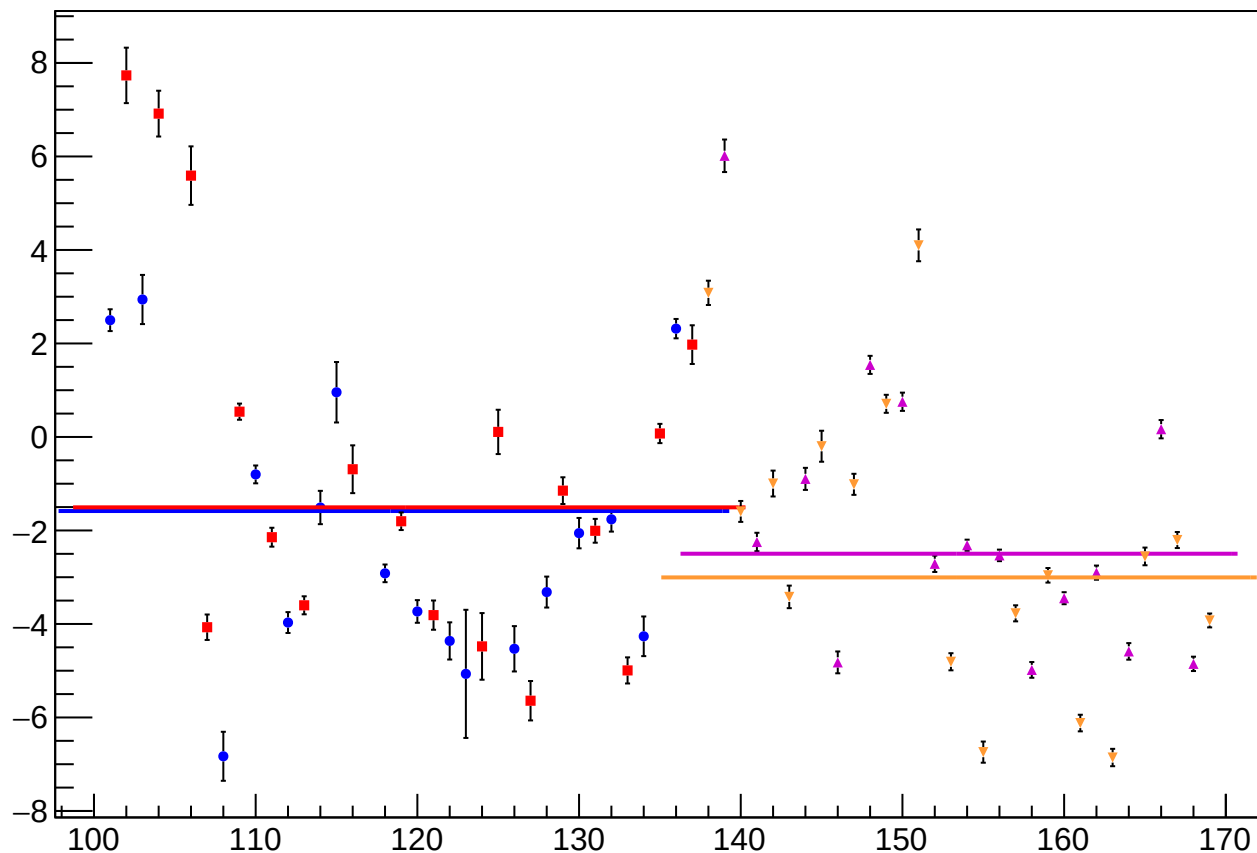
Right: -2.274 ± 0.074 $\chi^2/\text{NDF}: 1331.4/34$

In: 14.411 ± 0.046 $\chi^2/\text{NDF}: 62960.8/31$

Out: 17.118 ± 0.050 $\chi^2/\text{NDF}: 104210.5/34$

All: 15.658 ± 0.034 $\chi^2/\text{NDF}: 168777.9/66$

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: -3.004 ± 0.049 χ^2/NDF : 2794.4/16

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.498 ± 0.043 χ^2/NDF : 2301.8/14

Left: -2.722 ± 0.032 χ^2/NDF : 5156.6/31

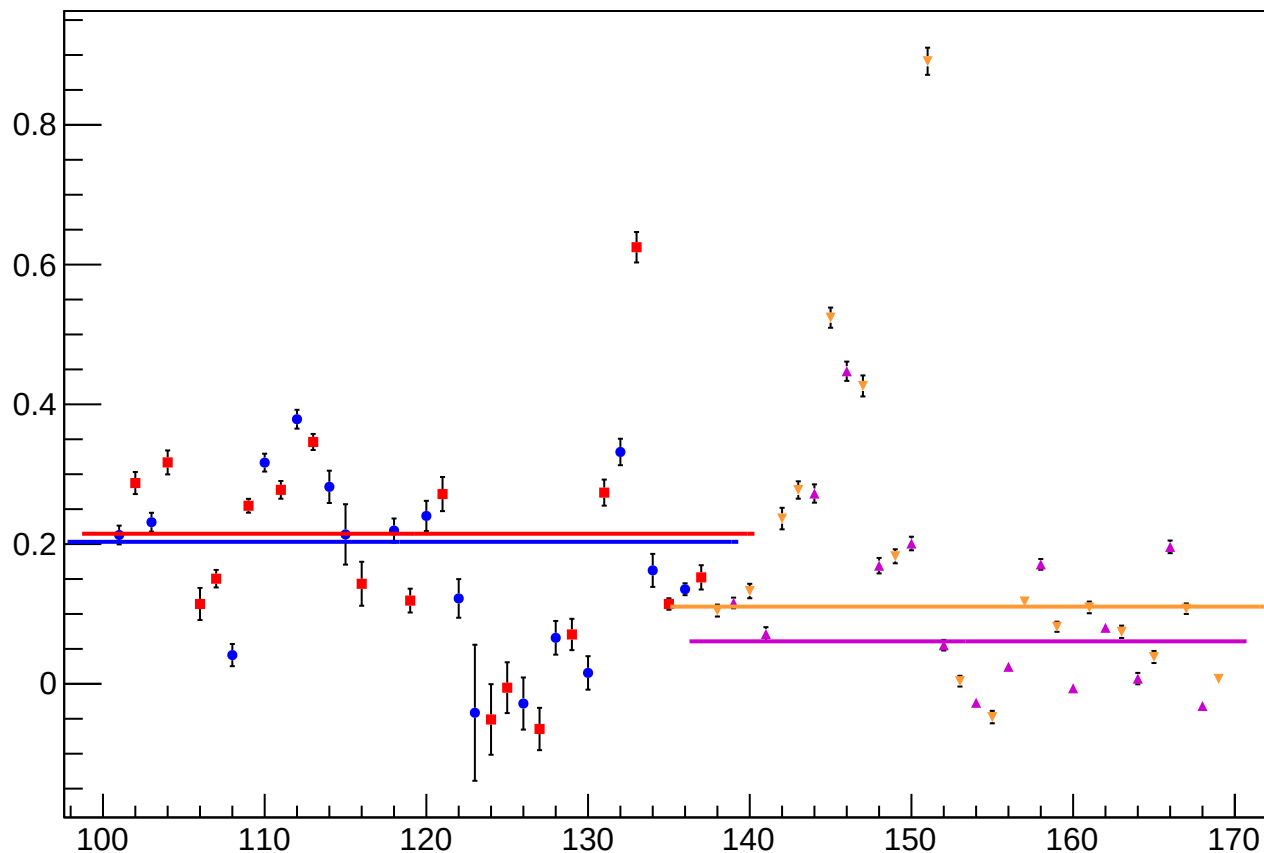
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -2.247 ± 0.037 χ^2/NDF : 3695.8/31

Out: -2.472 ± 0.039 χ^2/NDF : 4630.6/34

All: -2.353 ± 0.027 χ^2/NDF : 8344.0/66

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: 0.110 ± 0.002 χ^2/NDF : 4016.4/16

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.061 ± 0.002 χ^2/NDF : 2626.3/14

Left: 0.082 ± 0.001 χ^2/NDF : 6937.6/31

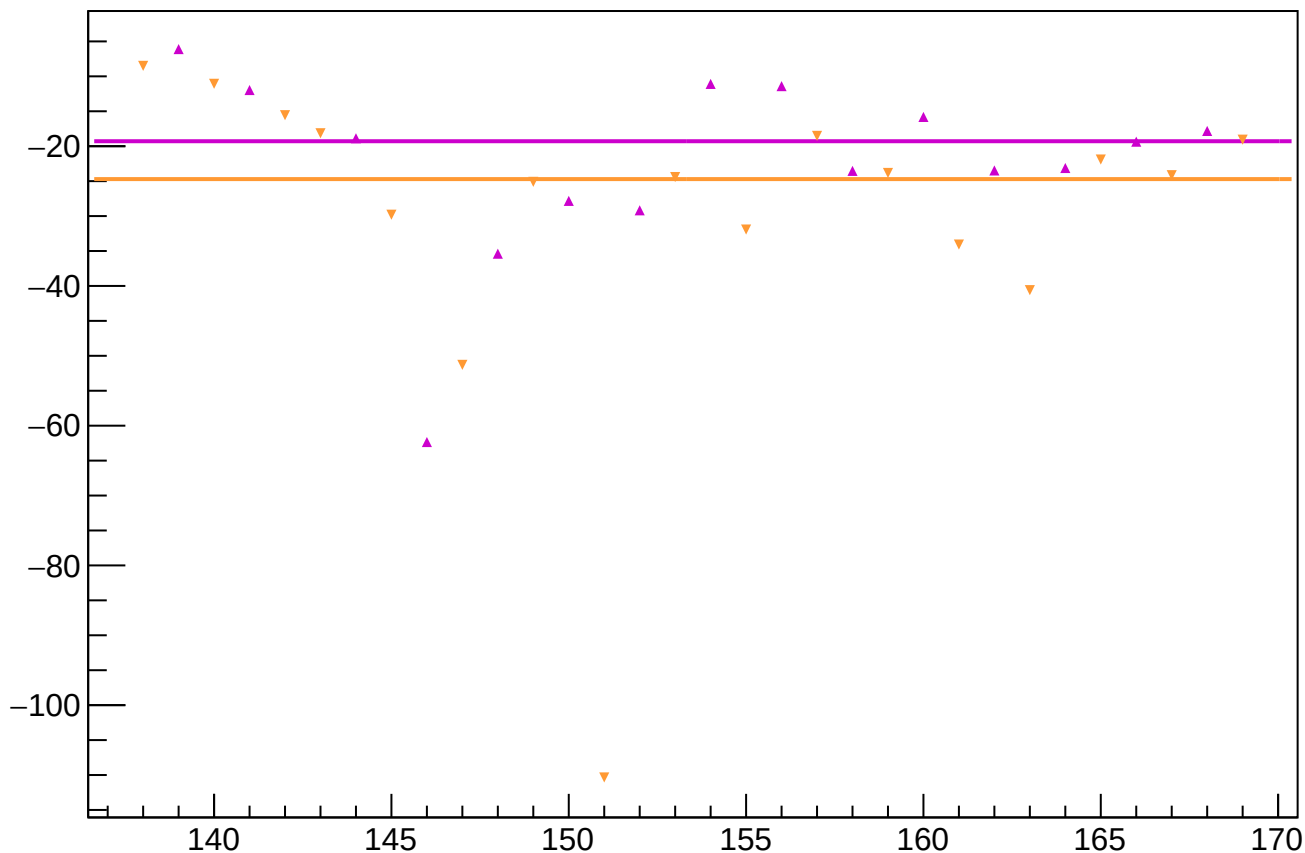
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.085 ± 0.002 χ^2/NDF : 4242.4/31

Out: 0.138 ± 0.002 χ^2/NDF : 5637.6/34

All: 0.109 ± 0.001 χ^2/NDF : 10301.5/66

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: -24.707+/-0.059 χ^2/NDF :57601.1/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.287+/-0.053 χ^2/NDF :36798.9/14

Left: -21.708+/-0.040 χ^2/NDF : 99036.7/31

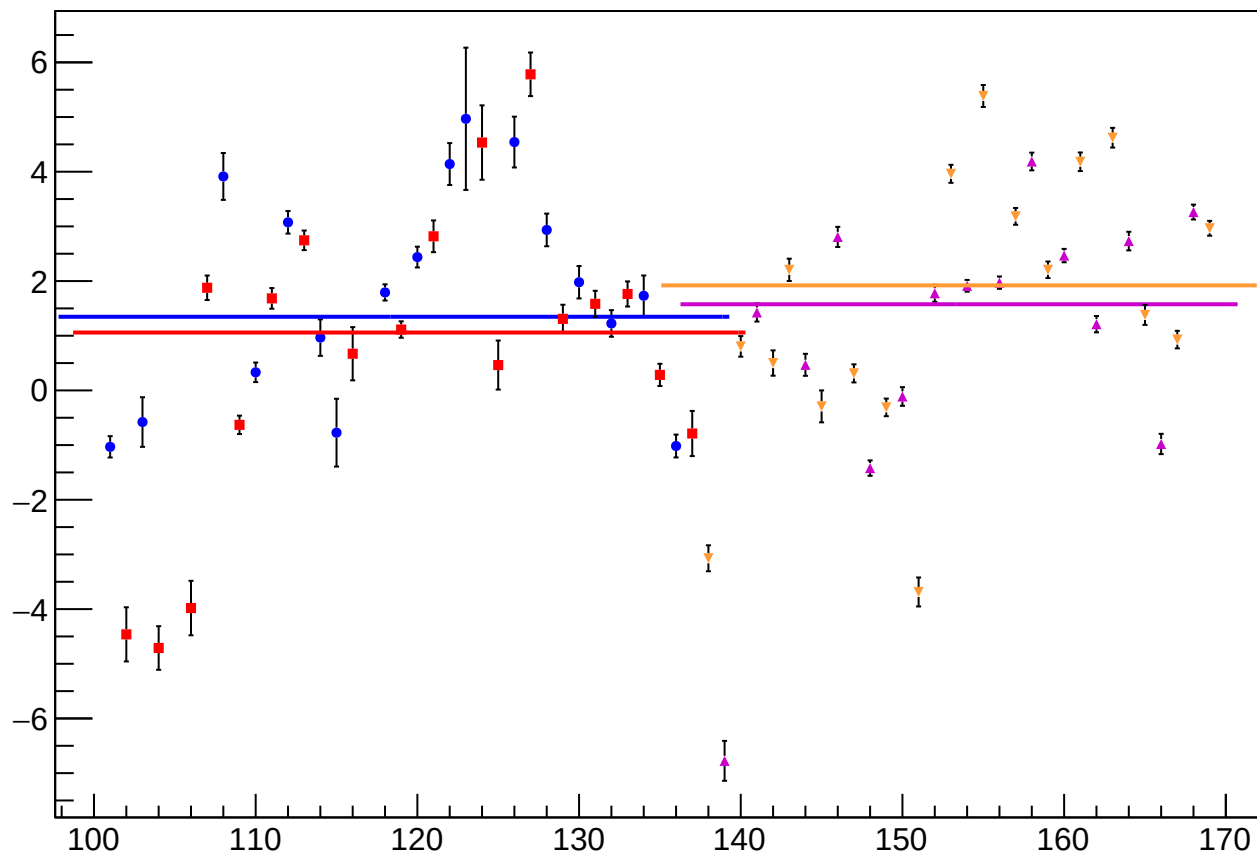
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.287+/-0.053 χ^2/NDF :36798.9/14

Out: -24.707+/-0.059 χ^2/NDF :57601.1/16

All: -21.708+/-0.040 χ^2/NDF : 99036.7/31

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.921 $\pm$ 0.044 χ^2 /NDF:2335.5/16

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.576 $\pm$ 0.039 χ^2 /NDF:1883.4/14

Left: 1.729 $\pm$ 0.029 χ^2 /NDF: 4253.7/31

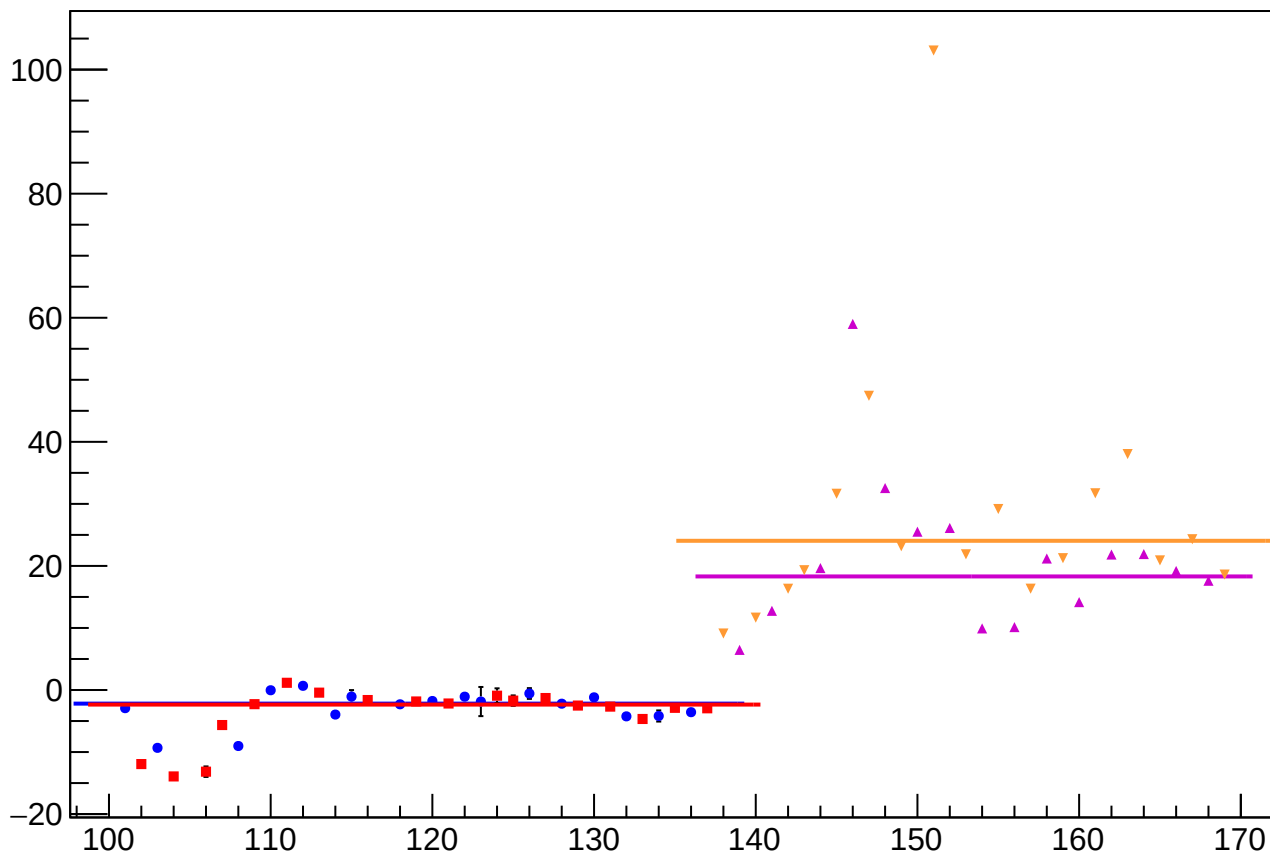
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.511 $\pm$ 0.033 χ^2 /NDF:2523.1/31

Out: 1.618 $\pm$ 0.035 χ^2 /NDF:3378.0/34

All: 1.562 $\pm$ 0.024 χ^2 /NDF: 5906.1/66

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: 24.050 ± 0.058 χ^2/NDF : 51475.7/16

Right Out: -2.350 ± 0.101 χ^2/NDF : 908.5/17

Left In: 18.306 ± 0.052 χ^2/NDF : 34529.7/14

Left: 20.827 ± 0.039 χ^2/NDF : 91445.5/31

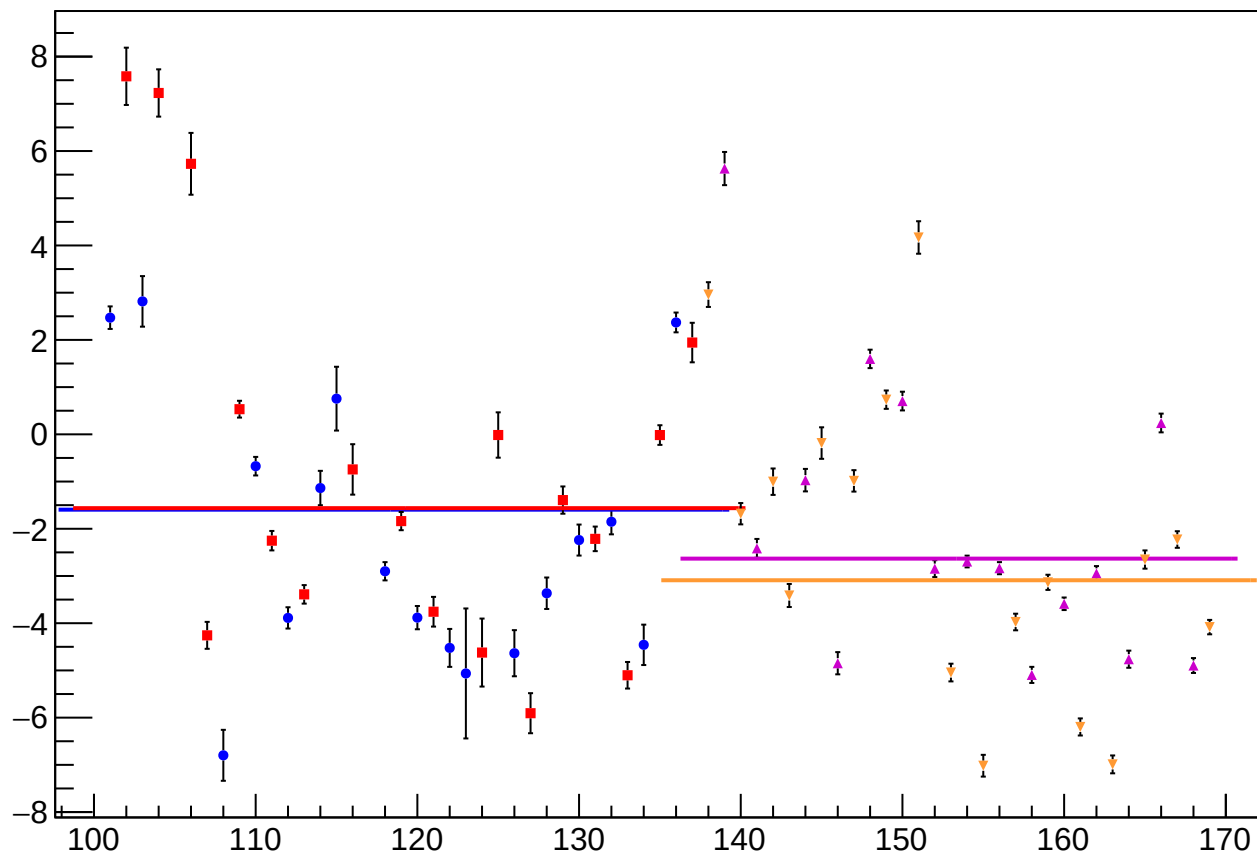
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34

In: 14.763 ± 0.047 χ^2/NDF : 62288.1/31

Out: 17.479 ± 0.051 χ^2/NDF : 103357.7/34

All: 16.020 ± 0.034 χ^2/NDF : 167196.9/66

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: -3.090 ± 0.050 χ^2/NDF : 2838.4/16

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.632 ± 0.044 χ^2/NDF : 2265.6/14

Left: -2.836 ± 0.033 χ^2/NDF : 5151.2/31

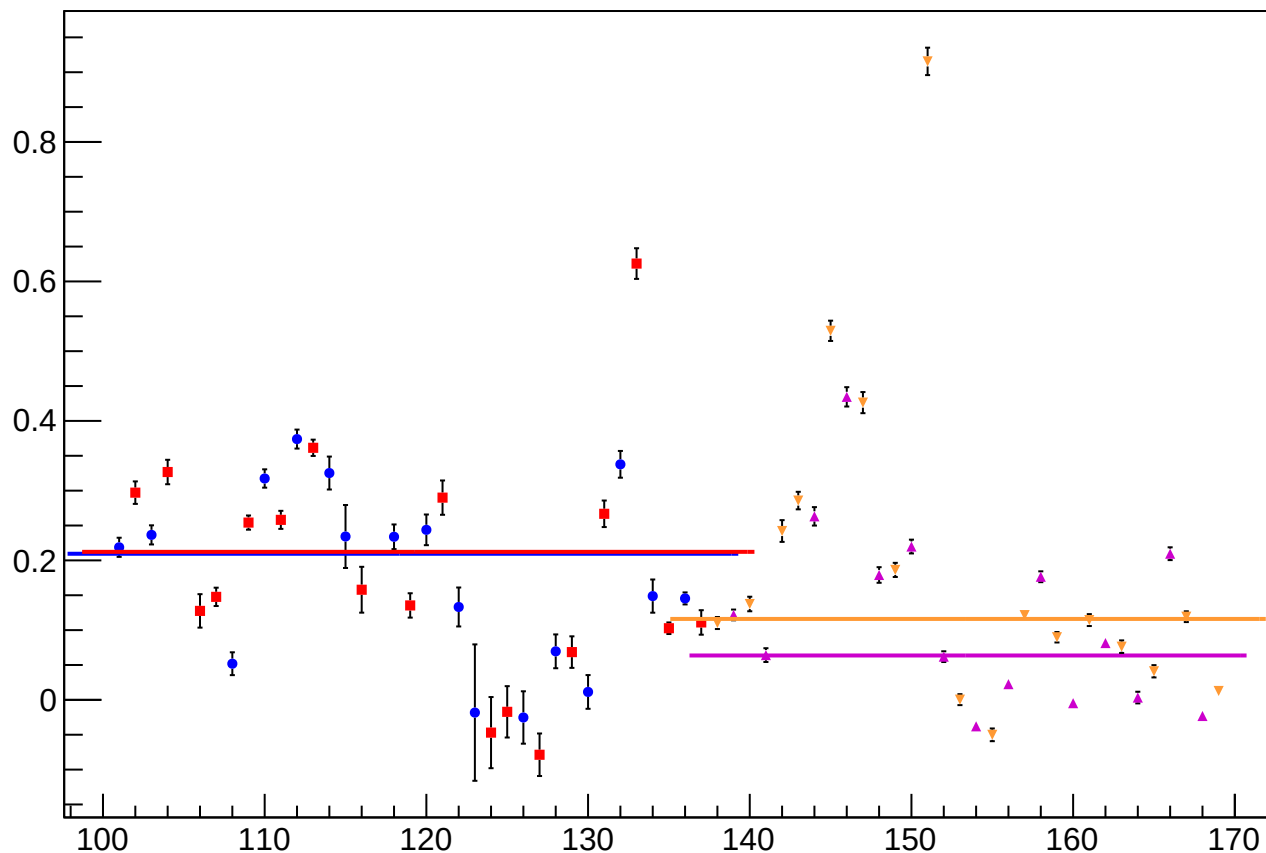
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.344 ± 0.038 χ^2/NDF : 3672.1/31

Out: -2.549 ± 0.040 χ^2/NDF : 4635.8/34

All: -2.441 ± 0.027 χ^2/NDF : 8321.8/66

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2/NDF : 597.7/16

Left Out: 0.116 $\pm$ 0.002 χ^2/NDF :4052.5/16

Right Out: 0.212 $\pm$ 0.004 χ^2/NDF : 1096.9/17

Left In: 0.064 $\pm$ 0.002 χ^2/NDF :2660.9/14

Left: 0.086 $\pm$ 0.001 χ^2/NDF : 7027.0/31

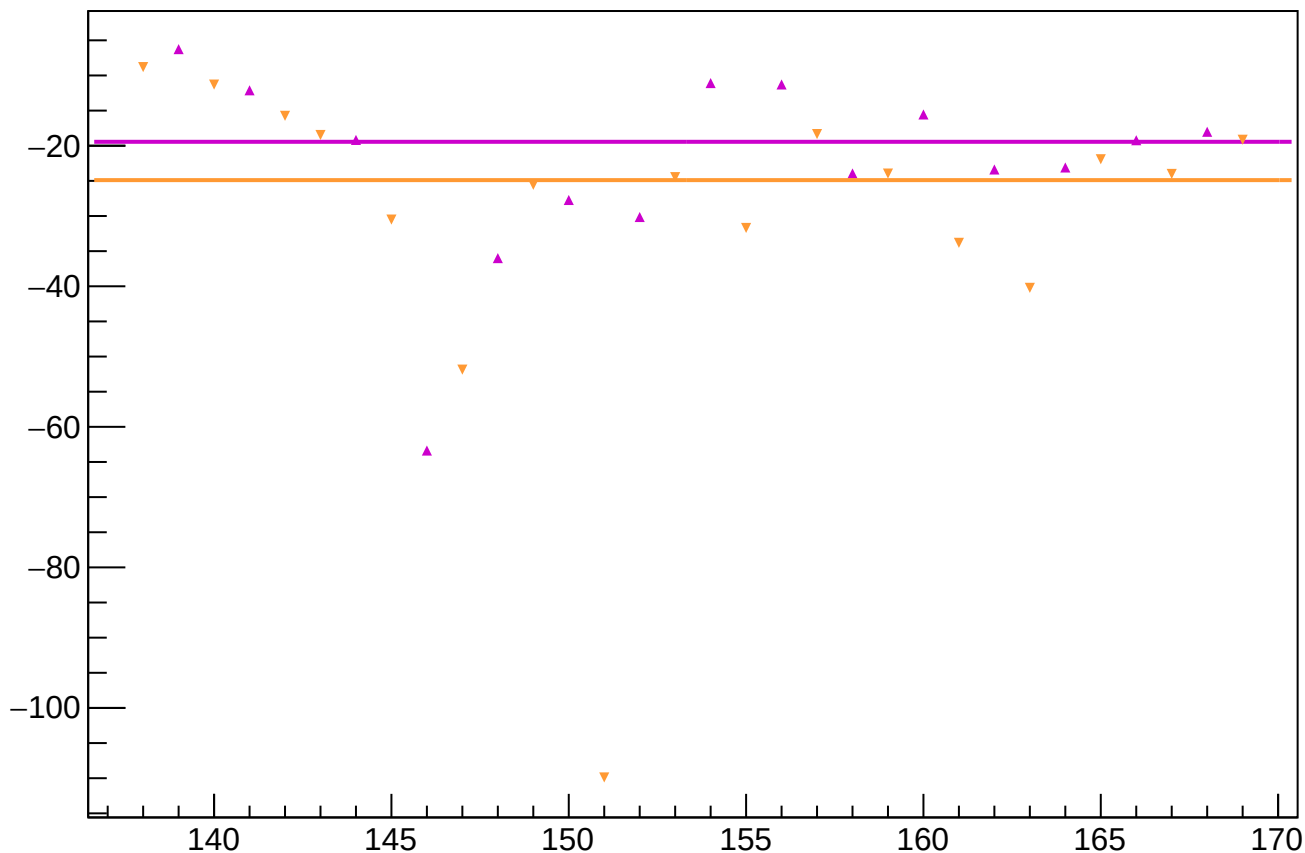
Right: 0.211 $\pm$ 0.003 χ^2/NDF : 1694.9/34

In: 0.089 $\pm$ 0.002 χ^2/NDF :4251.4/31

Out: 0.141 $\pm$ 0.002 χ^2/NDF :5629.8/34

All: 0.113 $\pm$ 0.001 χ^2/NDF : 10278.7/66

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: -24.894+/-0.060 χ^2/NDF :56389.4/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.440+/-0.054 χ^2/NDF :37047.9/14

Left: -21.886+/-0.040 χ^2/NDF : 98026.7/31

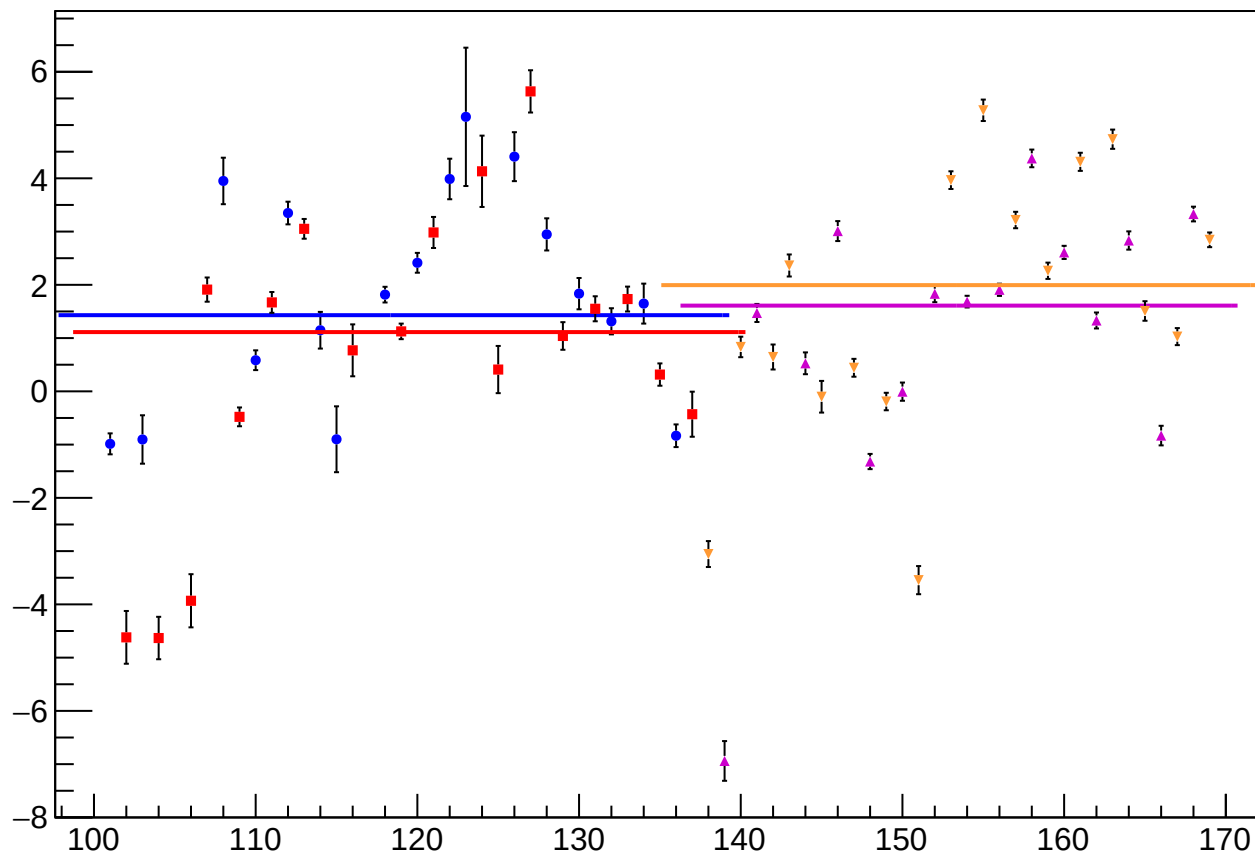
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.440+/-0.054 χ^2/NDF :37047.9/14

Out: -24.894+/-0.060 χ^2/NDF :56389.4/16

All: -21.886+/-0.040 χ^2/NDF : 98026.7/31

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 1.994 $\pm$ 0.044 χ^2 /NDF:2224.1/16

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.610 $\pm$ 0.040 χ^2 /NDF:1855.1/14

Left: 1.782 $\pm$ 0.029 χ^2 /NDF: 4121.5/31

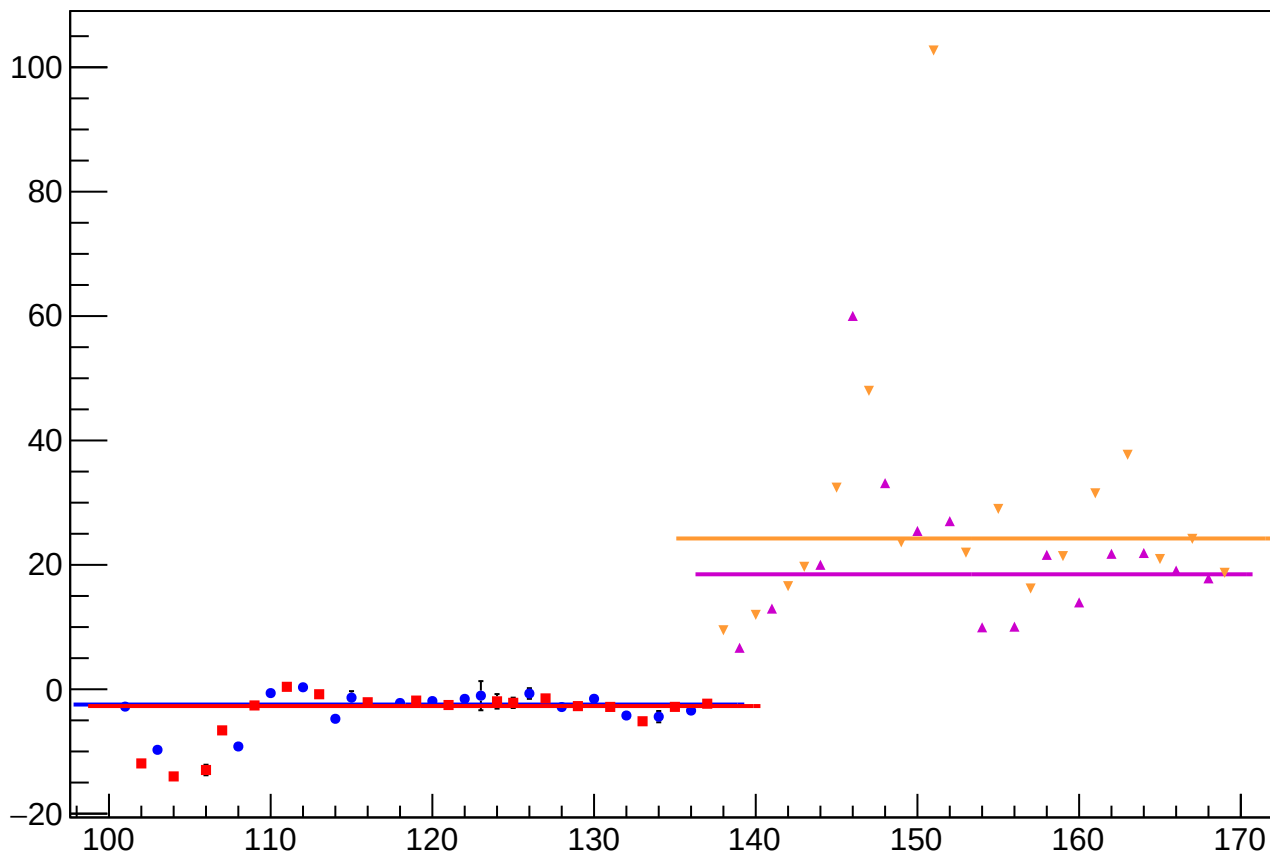
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.559 $\pm$ 0.033 χ^2 /NDF:2459.0/31

Out: 1.686 $\pm$ 0.036 χ^2 /NDF:3252.0/34

All: 1.619 $\pm$ 0.024 χ^2 /NDF: 5717.8/66

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: 24.243 ± 0.059 χ^2/NDF : 50517.2/16

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.483 ± 0.052 χ^2/NDF : 34811.8/14

Left: 21.024 ± 0.039 χ^2/NDF : 90679.0/31

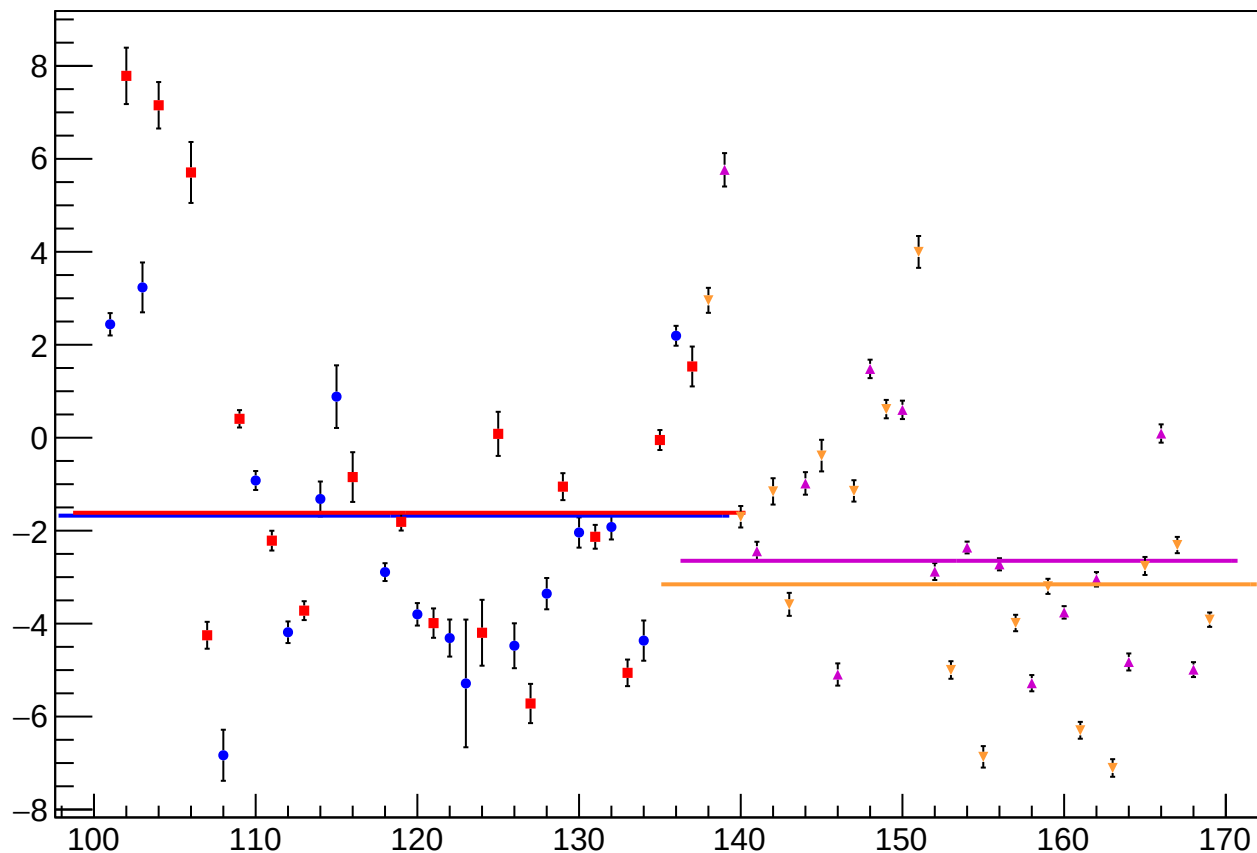
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 14.872 ± 0.048 χ^2/NDF : 62877.2/31

Out: 17.663 ± 0.051 χ^2/NDF : 102500.8/34

All: 16.166 ± 0.035 χ^2/NDF : 166974.0/66

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677+/-0.072 χ^2/NDF : 1204.7/16

Left Out: -3.155+/-0.050 χ^2/NDF : 2712.6/16

Right Out: -1.615+/-0.068 χ^2/NDF : 1427.3/17

Left In: -2.648+/-0.045 χ^2/NDF : 2259.0/14

Left: -2.875+/-0.034 χ^2/NDF : 5028.1/31

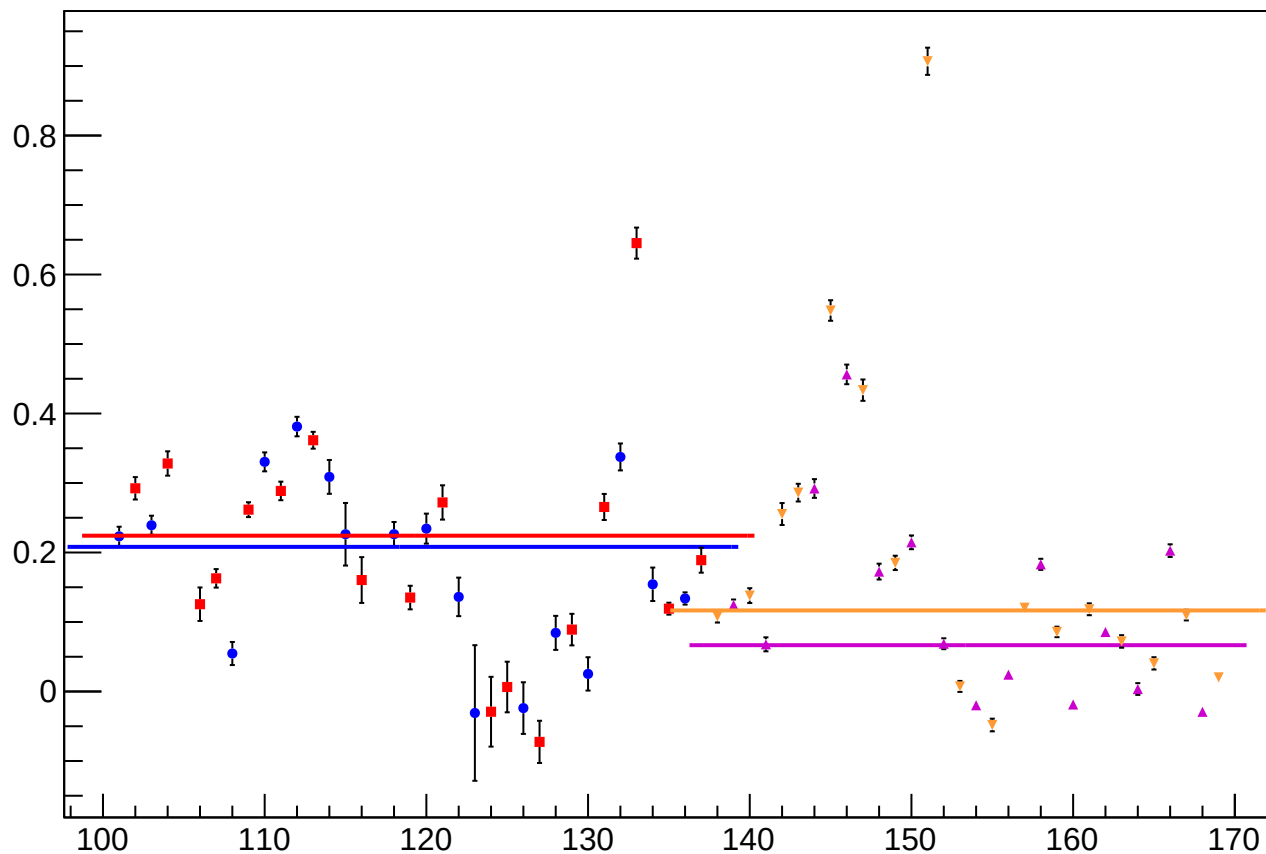
Right: -1.644+/-0.050 χ^2/NDF : 2632.5/34

In: -2.377+/-0.038 χ^2/NDF : 3593.4/31

Out: -2.613+/-0.040 χ^2/NDF : 4472.6/34

All: -2.489+/-0.028 χ^2/NDF : 8084.0/66

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: 0.117 ± 0.002 χ^2/NDF : 4027.1/16

Right Out: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.067 ± 0.002 χ^2/NDF : 2674.0/14

Left: 0.088 ± 0.001 χ^2/NDF : 6980.1/31

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.091 ± 0.002 χ^2/NDF : 4182.9/31

Out: 0.144 ± 0.002 χ^2/NDF : 5602.6/34

All: 0.115 ± 0.001 χ^2/NDF : 10184.5/66