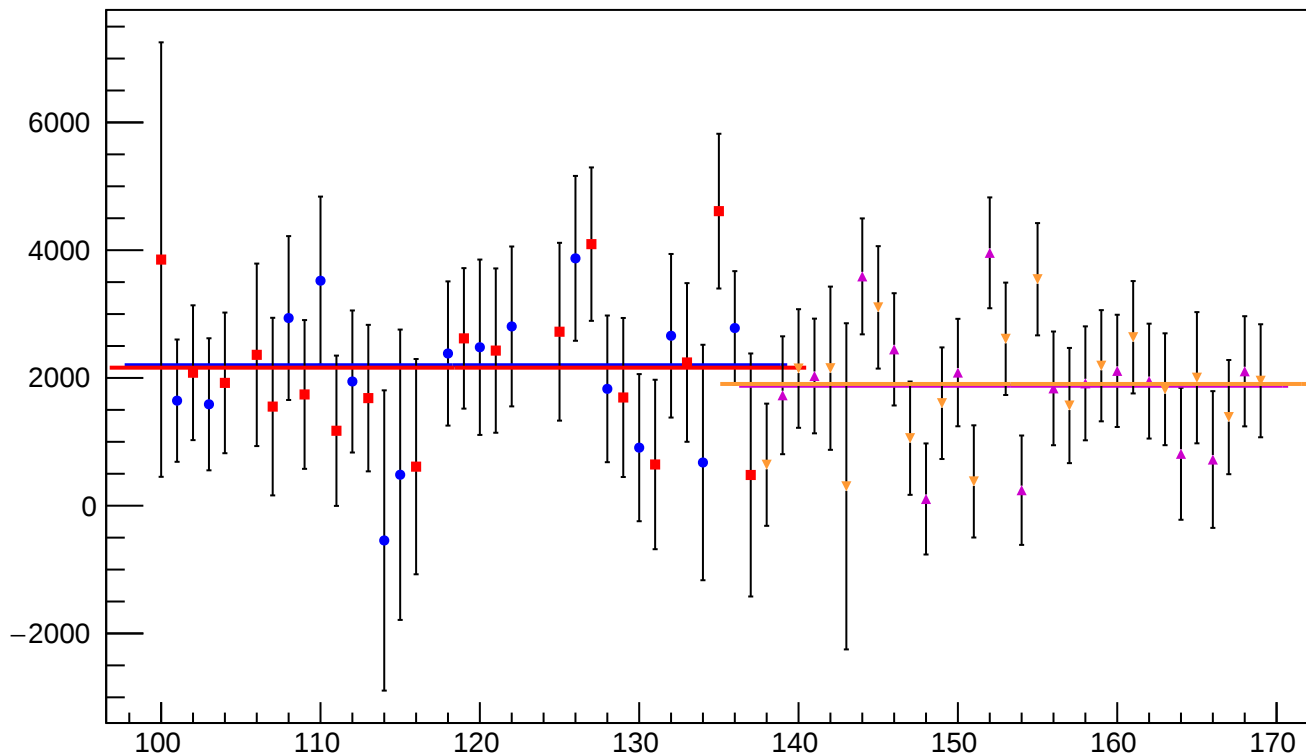


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1905.668+/-228.249

Right Out: 2160.742+/-303.587

Left In: 1877.539+/-232.130

χ^2/NDF : 8.6/15

χ^2/NDF :13.3/16

χ^2/NDF : 11.7/17

χ^2/NDF :20.0/14

Left: 1891.840+/-162.751

Right: 2179.612+/-215.784

In: 1994.541+/-185.107

Out: 1997.782+/-182.438

χ^2/NDF : 33.3/31

χ^2/NDF : 20.3/33

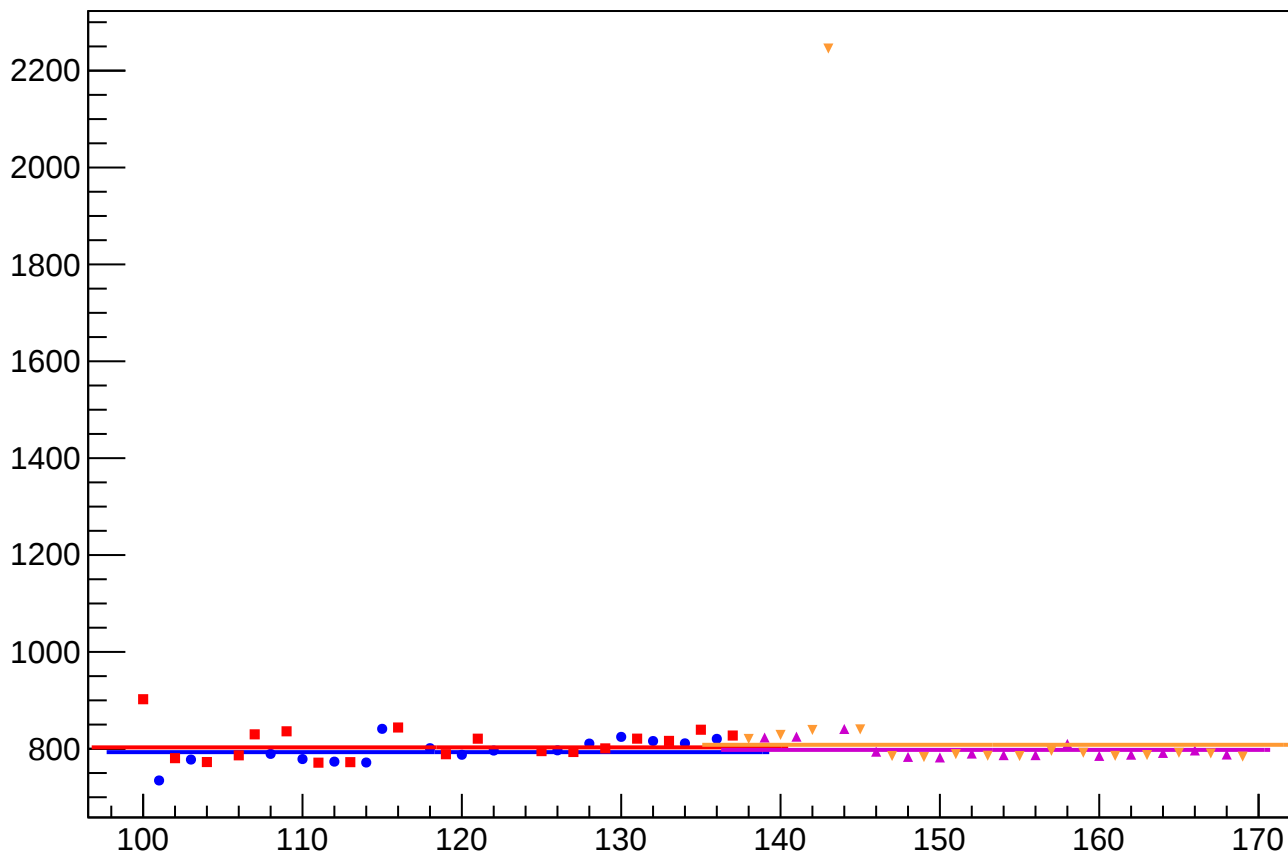
χ^2/NDF :29.3/30

χ^2/NDF :25.4/34

All: 1996.185+/-129.936

χ^2/NDF : 54.7/65

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 808.261 ± 0.161 χ^2/NDF : 651787.0/16

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

Left In: 797.750 ± 0.164 χ^2/NDF : 11286.4/14

Left: 803.094 ± 0.115 χ^2/NDF : 665158.3/31

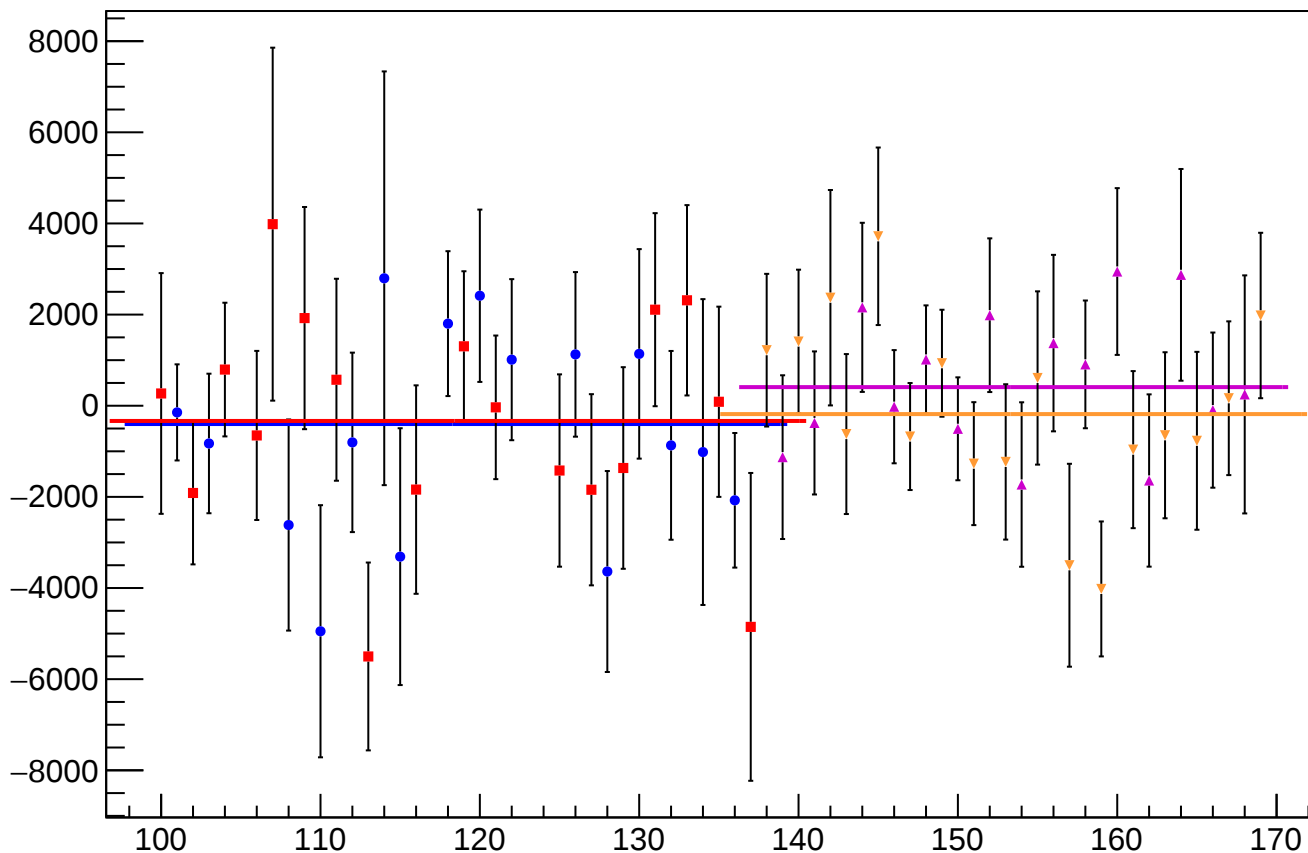
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 796.053 ± 0.131 χ^2/NDF : 26282.8/30

Out: 806.341 ± 0.129 χ^2/NDF : 666624.1/34

All: 801.272 ± 0.092 χ^2/NDF : 696040.8/65

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -183.394 ± 396.492 $\chi^2/\text{NDF}: 20.0/16$

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

Left In: 408.605 ± 413.873 $\chi^2/\text{NDF}: 9.9/14$

Left: 99.914 ± 286.310 $\chi^2/\text{NDF}: 30.9/31$

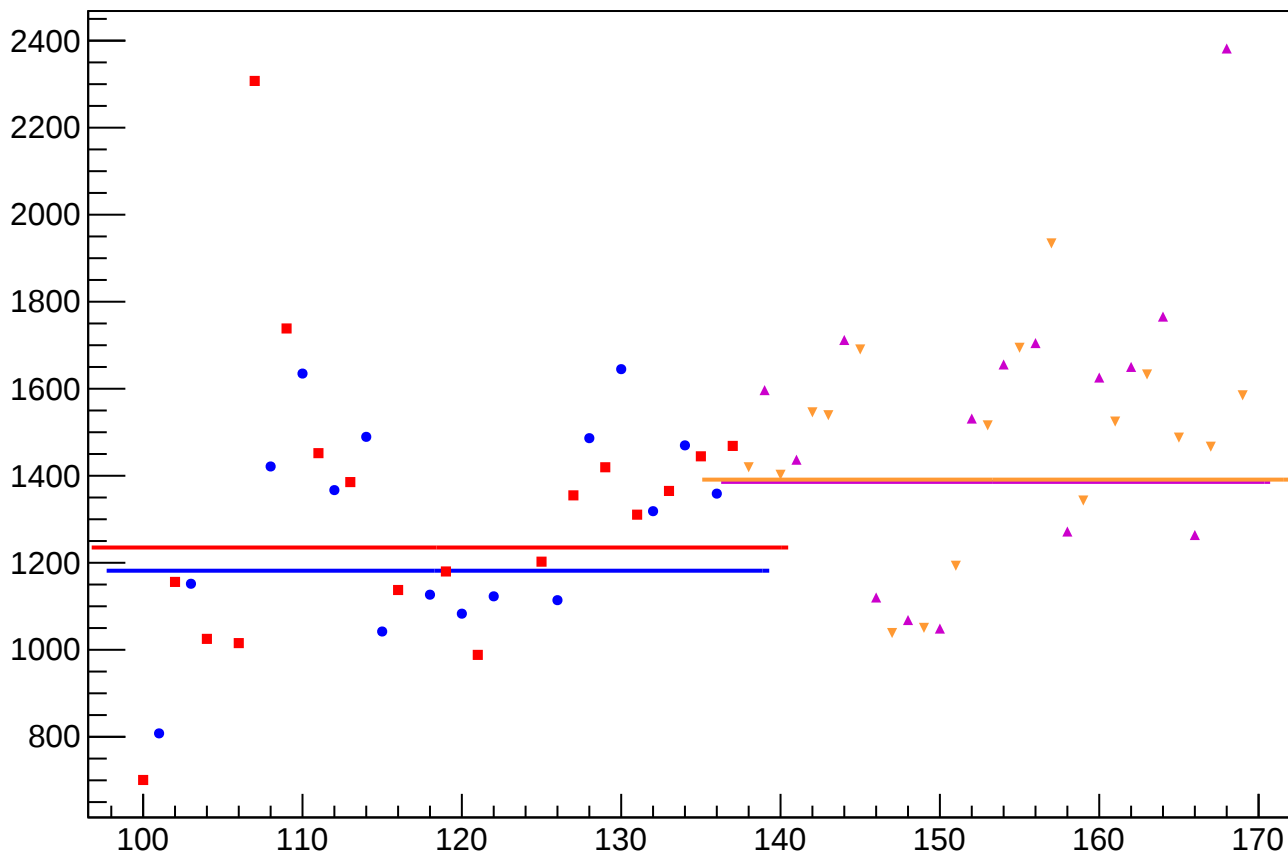
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: 53.673 ± 310.226 $\chi^2/\text{NDF}: 26.4/30$

Out: -244.708 ± 305.295 $\chi^2/\text{NDF}: 37.5/34$

All: -97.907 ± 217.598 $\chi^2/\text{NDF}: 64.4/65$

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

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

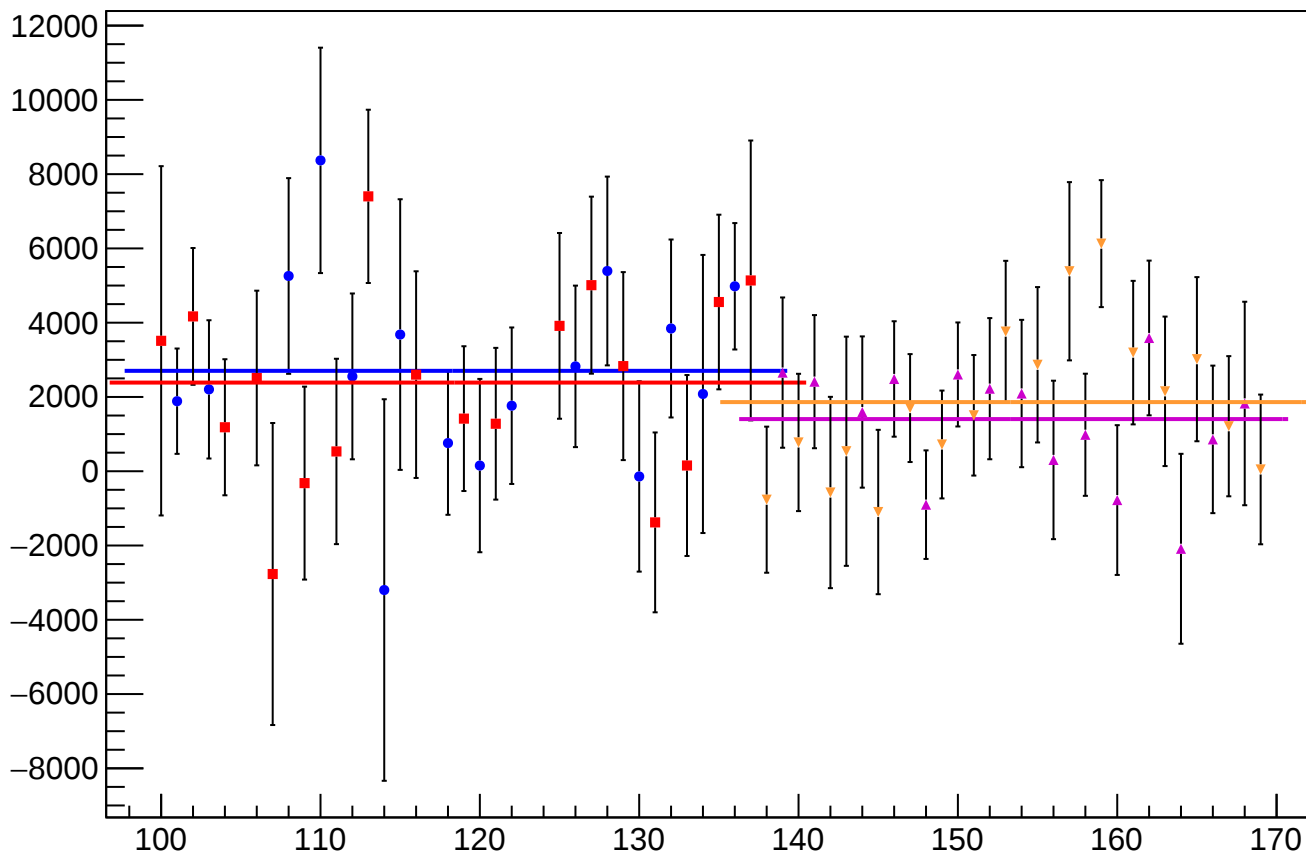
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

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

Out: 1327.597 $\pm$ 0.216 χ^2 /NDF: 1390458.5/34

All: 1312.278 $\pm$ 0.154 χ^2 /NDF: 3216883.2/65

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

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

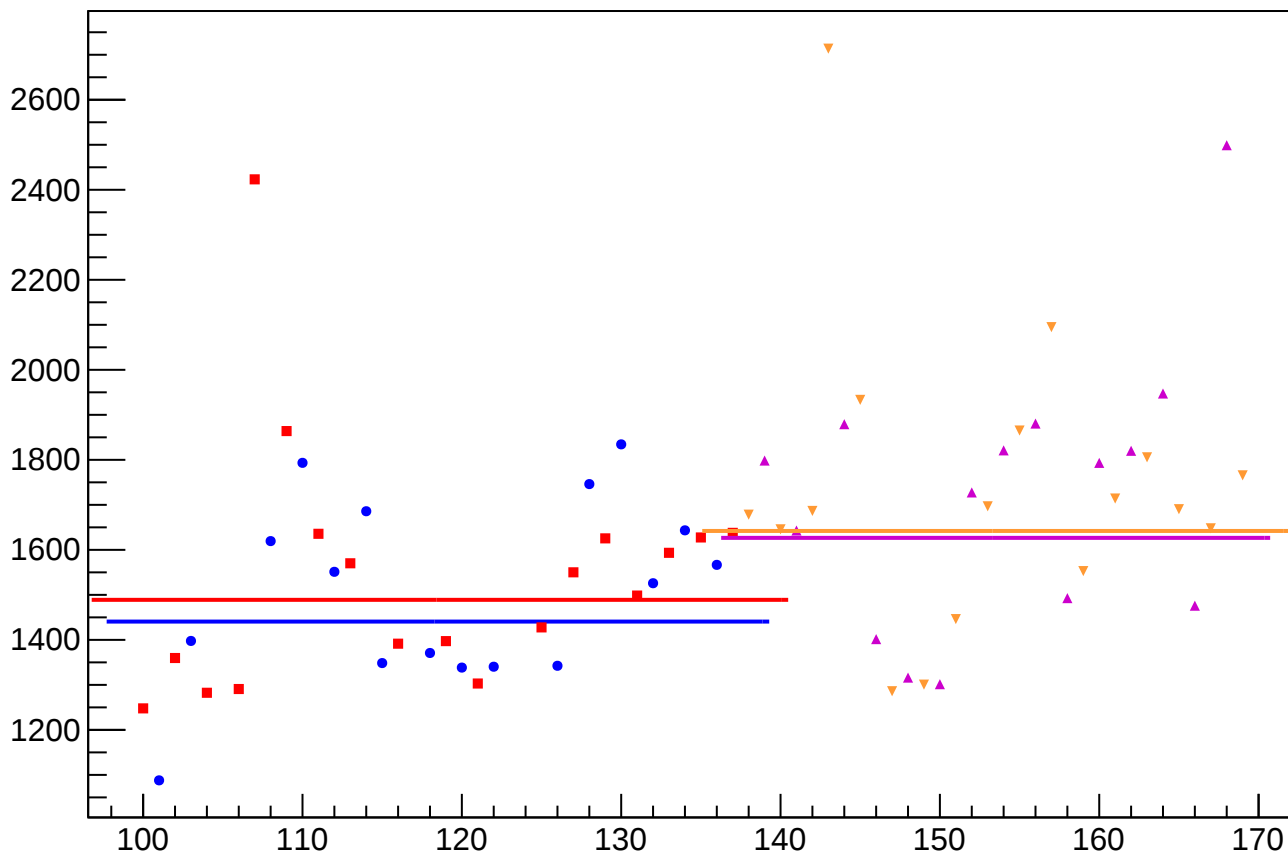
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

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

Out: 2072.731 $\pm$ 360.601 χ^2 /NDF:33.6/34

All: 2012.673 $\pm$ 256.891 χ^2 /NDF: 59.0/65

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1641.981 $\pm$ 0.330 χ^2/NDF : 662436.2/16

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

Left In: 1626.642 $\pm$ 0.340 χ^2/NDF : 628295.9/14

Left: 1634.551 $\pm$ 0.237 χ^2/NDF : 1291781.5/31

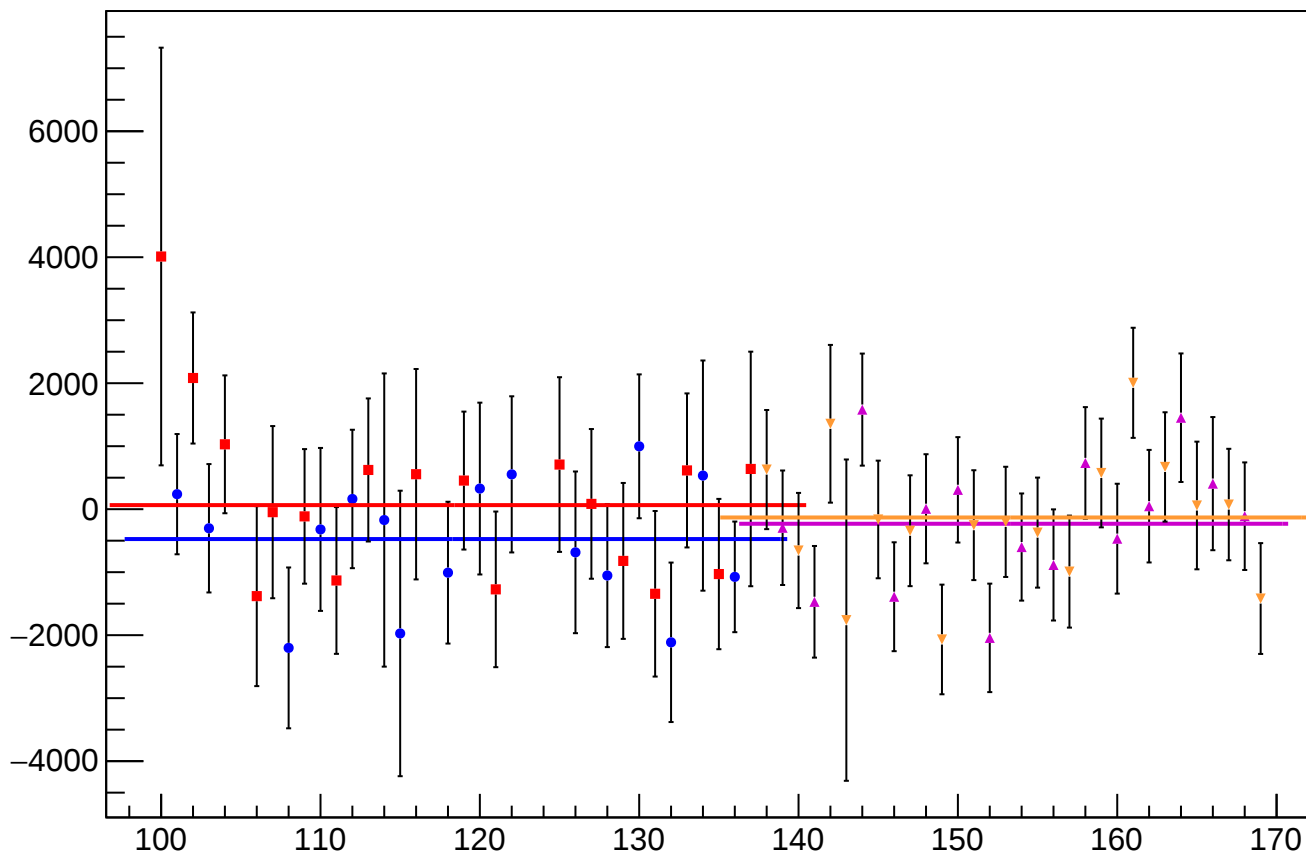
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1548.434 $\pm$ 0.259 χ^2/NDF : 1036371.1/30

Out: 1580.573 $\pm$ 0.255 χ^2/NDF : 1005821.8/34

All: 1564.745 $\pm$ 0.182 χ^2/NDF : 2050017.3/65

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -131.527 $\pm$ 225.966 χ^2 /NDF:18.6/16

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

Left In: -231.371 $\pm$ 229.812 χ^2 /NDF:18.0/14

Left: -180.607 $\pm$ 161.125 χ^2 /NDF: 36.7/31

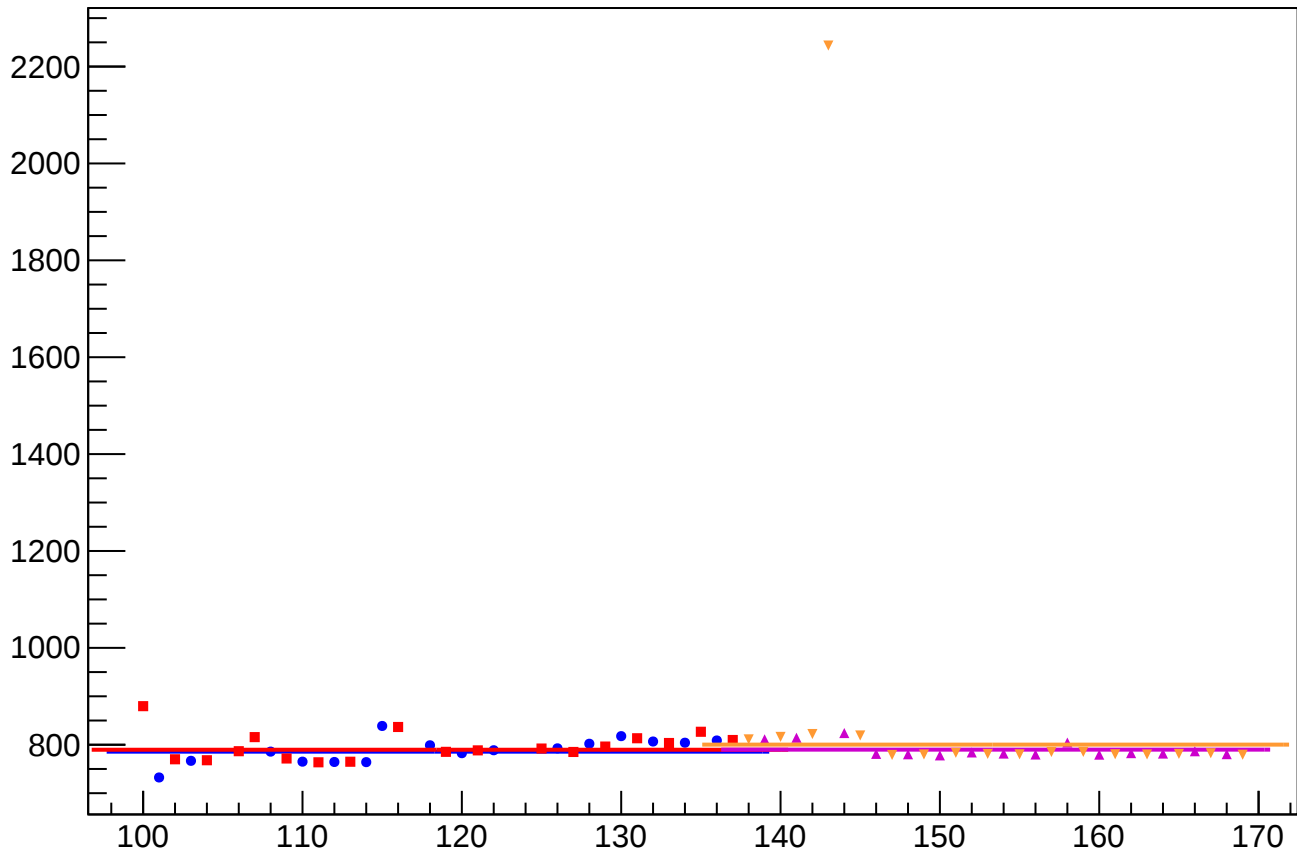
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -319.686 $\pm$ 183.305 χ^2 /NDF:27.3/30

Out: -60.016 $\pm$ 180.142 χ^2 /NDF:31.6/34

All: -187.591 $\pm$ 128.483 χ^2 /NDF: 59.9/65

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 800.249 ± 0.160 χ^2/NDF : 653609.7/16

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

Left In: 789.887 ± 0.163 χ^2/NDF : 8319.1/14

Left: 795.155 ± 0.114 χ^2/NDF : 663995.9/31

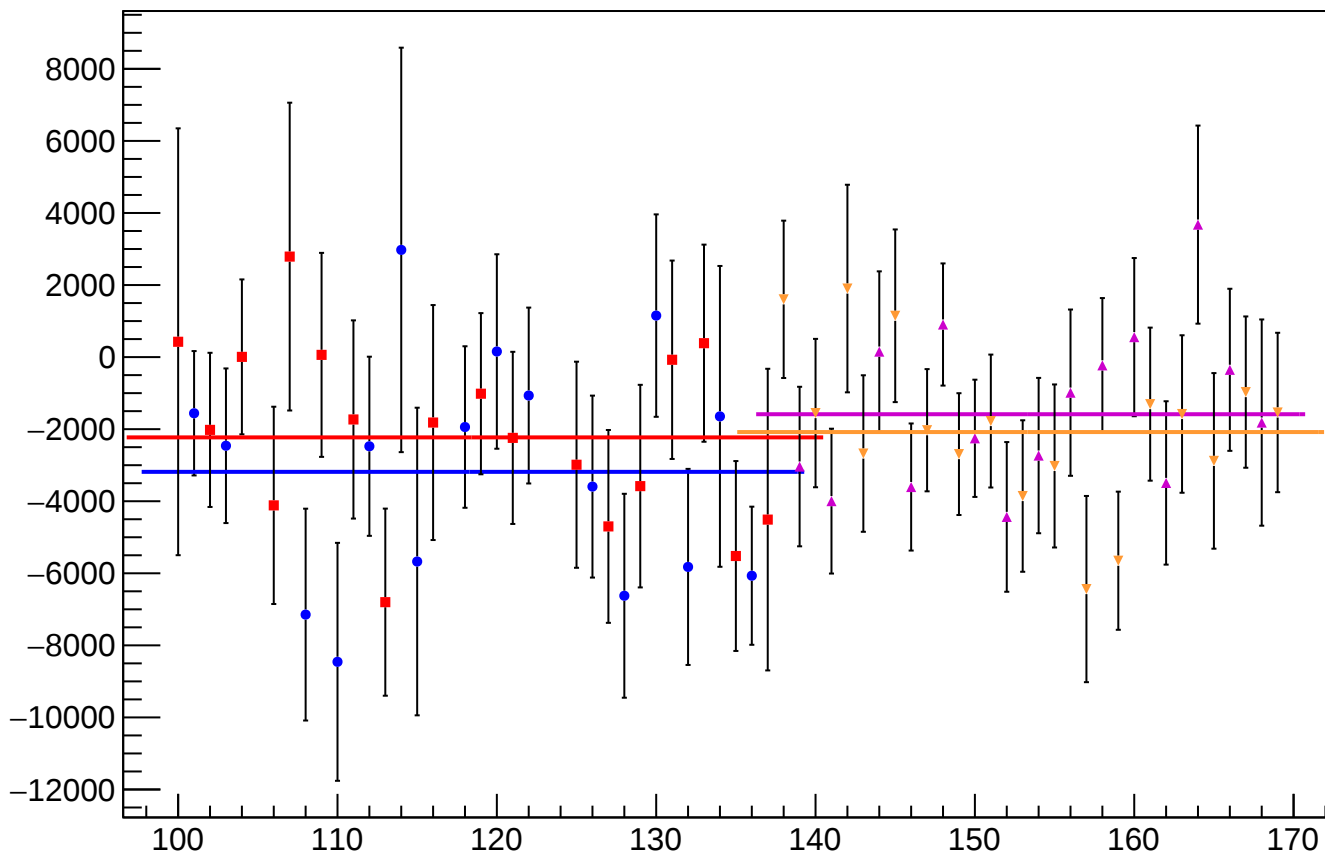
Right: 787.746 ± 0.151 χ^2/NDF : 25101.7/33

In: 788.380 ± 0.130 χ^2/NDF : 22476.8/30

Out: 796.395 ± 0.127 χ^2/NDF : 666215.7/34

All: 792.457 ± 0.091 χ^2/NDF : 690637.4/65

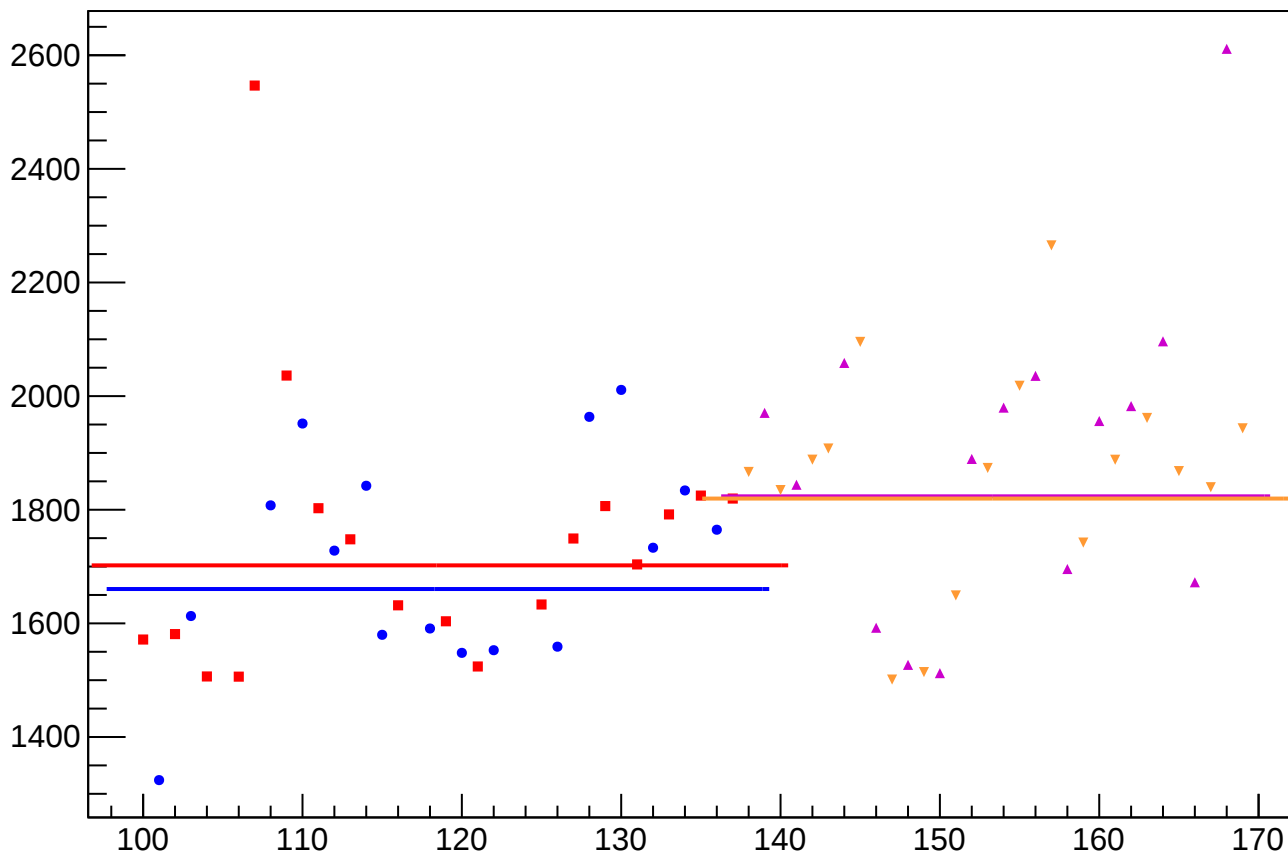
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -2080.071 $\pm$ 511.783 χ^2 /NDF:14.7/16
 Right Out: -2228.093 $\pm$ 648.044 χ^2 /NDF: 11.8/17
 Left In: -1585.309 $\pm$ 536.369 χ^2 /NDF:14.5/14

Left: -1844.289 $\pm$ 370.272 χ^2 /NDF: 29.7/31
 Right: -2706.812 $\pm$ 457.995 χ^2 /NDF: 29.7/33
 In: -2236.272 $\pm$ 413.021 χ^2 /NDF:34.9/30
 Out: -2136.929 $\pm$ 401.639 χ^2 /NDF:26.5/34
 All: -2185.213 $\pm$ 287.941 χ^2 /NDF: 61.5/65

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1819.683+/-0.362 χ^2/NDF : 282076.9/16

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

Left In: 1823.612+/-0.379 χ^2/NDF : 436187.1/14

Left: 1821.555+/-0.262 χ^2/NDF : 718320.1/31

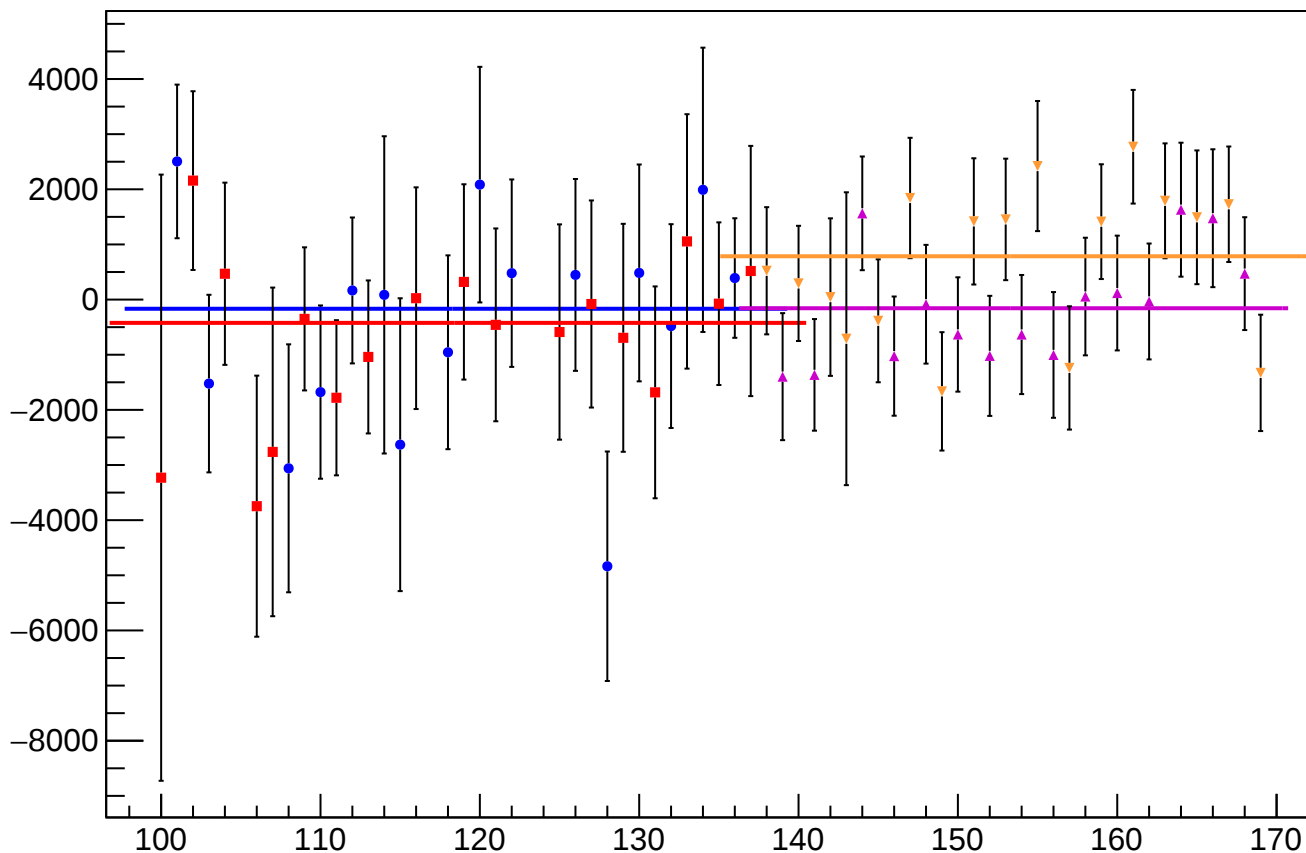
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1757.201+/-0.292 χ^2/NDF : 690716.3/30

Out: 1774.517+/-0.284 χ^2/NDF : 494638.2/34

All: 1766.101+/-0.204 χ^2/NDF : 1187161.3/65

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 785.482 ± 275.310 χ^2/NDF : 24.2/16

Right Out: -422.359 ± 427.321 χ^2/NDF : 8.2/17

Left In: -156.992 ± 279.831 χ^2/NDF : 12.0/14

Left: 321.920 ± 196.252 χ^2/NDF : 41.9/31

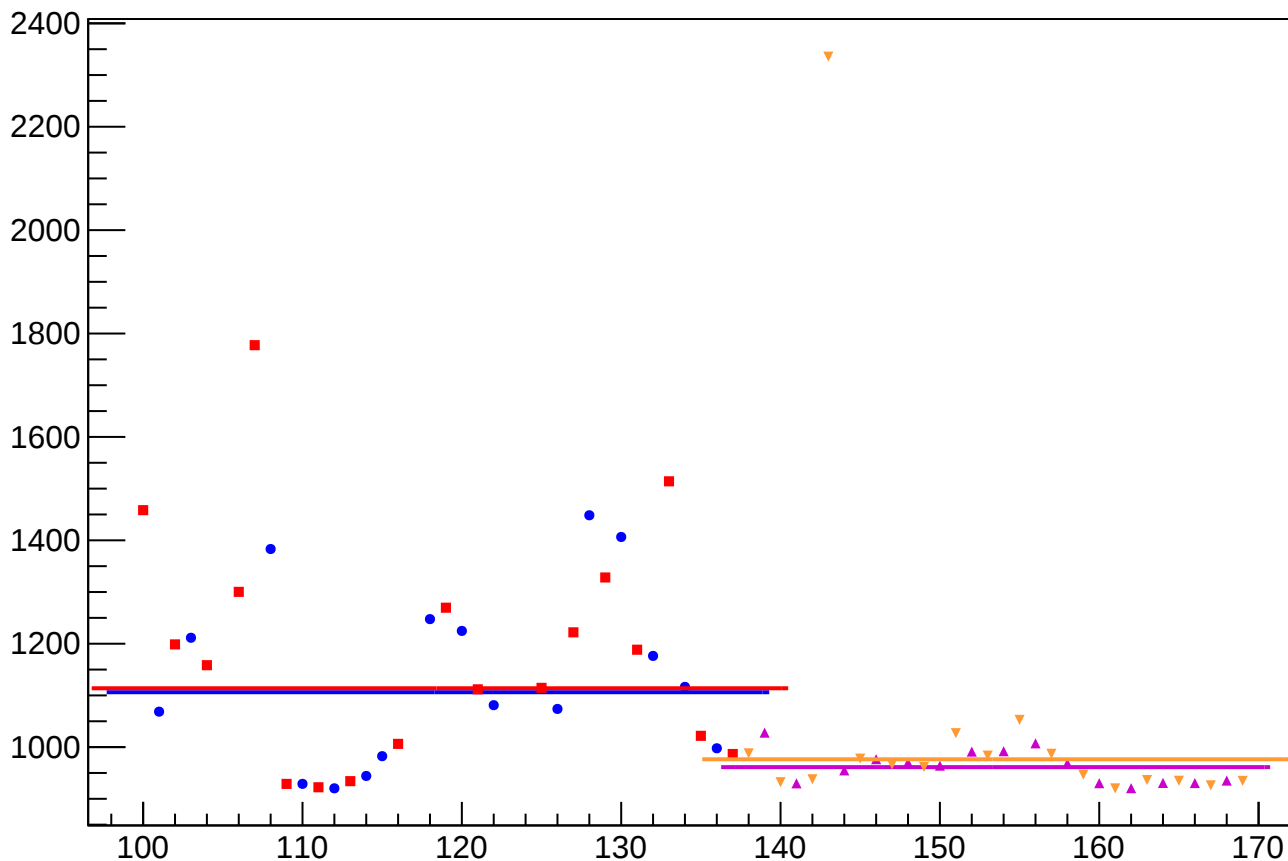
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -159.754 ± 234.972 χ^2/NDF : 27.6/30

Out: 431.189 ± 231.436 χ^2/NDF : 38.0/34

All: 140.197 ± 164.886 χ^2/NDF : 68.8/65

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 976.444 ± 0.195 χ^2/NDF : 563001.5/16

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

Left In: 961.267 ± 0.198 χ^2/NDF : 24302.5/14

Left: 968.979 ± 0.139 χ^2/NDF : 590293.4/31

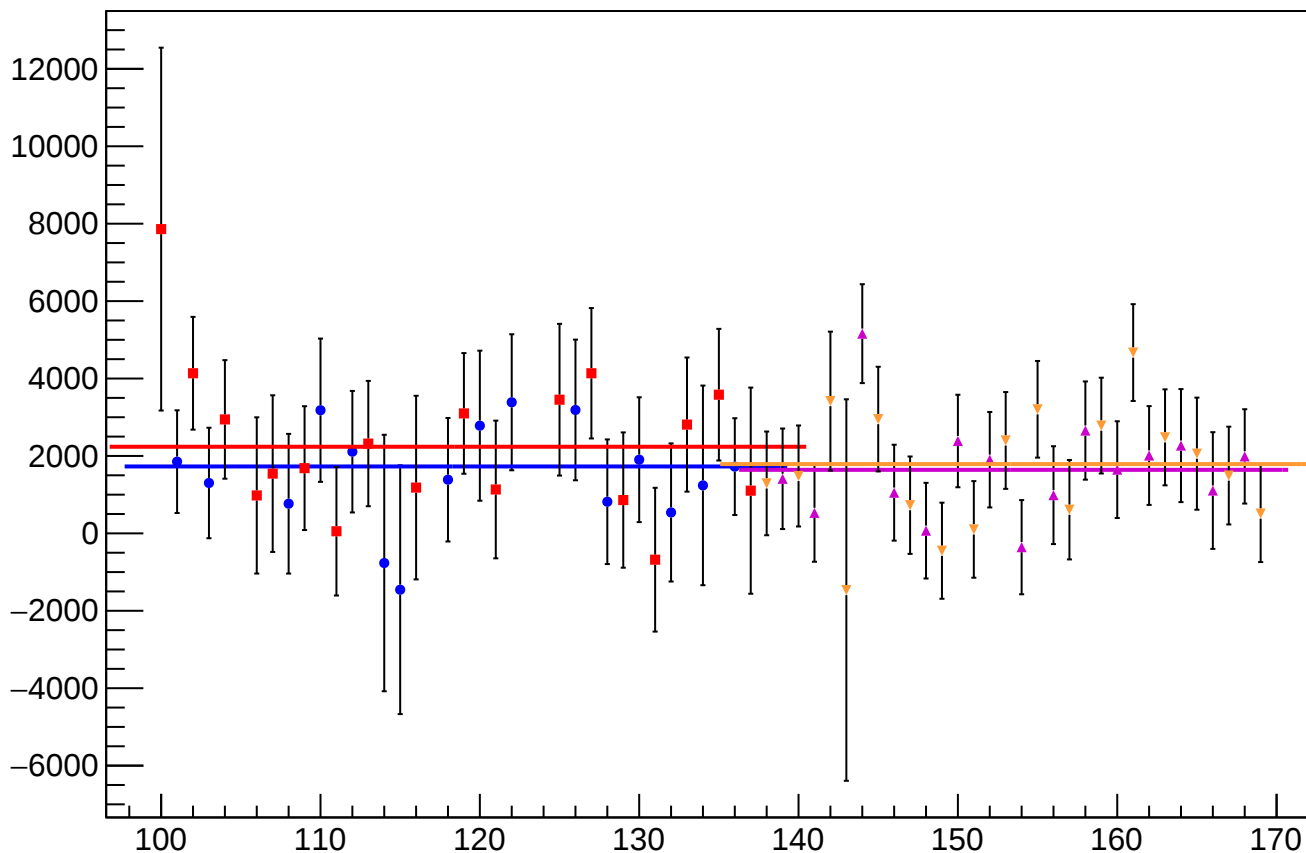
Right: 1110.038 ± 0.215 χ^2/NDF : 624528.4/33

In: 1003.998 ± 0.166 χ^2/NDF : 442354.3/30

Out: 1016.740 ± 0.164 χ^2/NDF : 1073366.5/34

All: 1010.466 ± 0.117 χ^2/NDF : 1518706.3/65

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

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

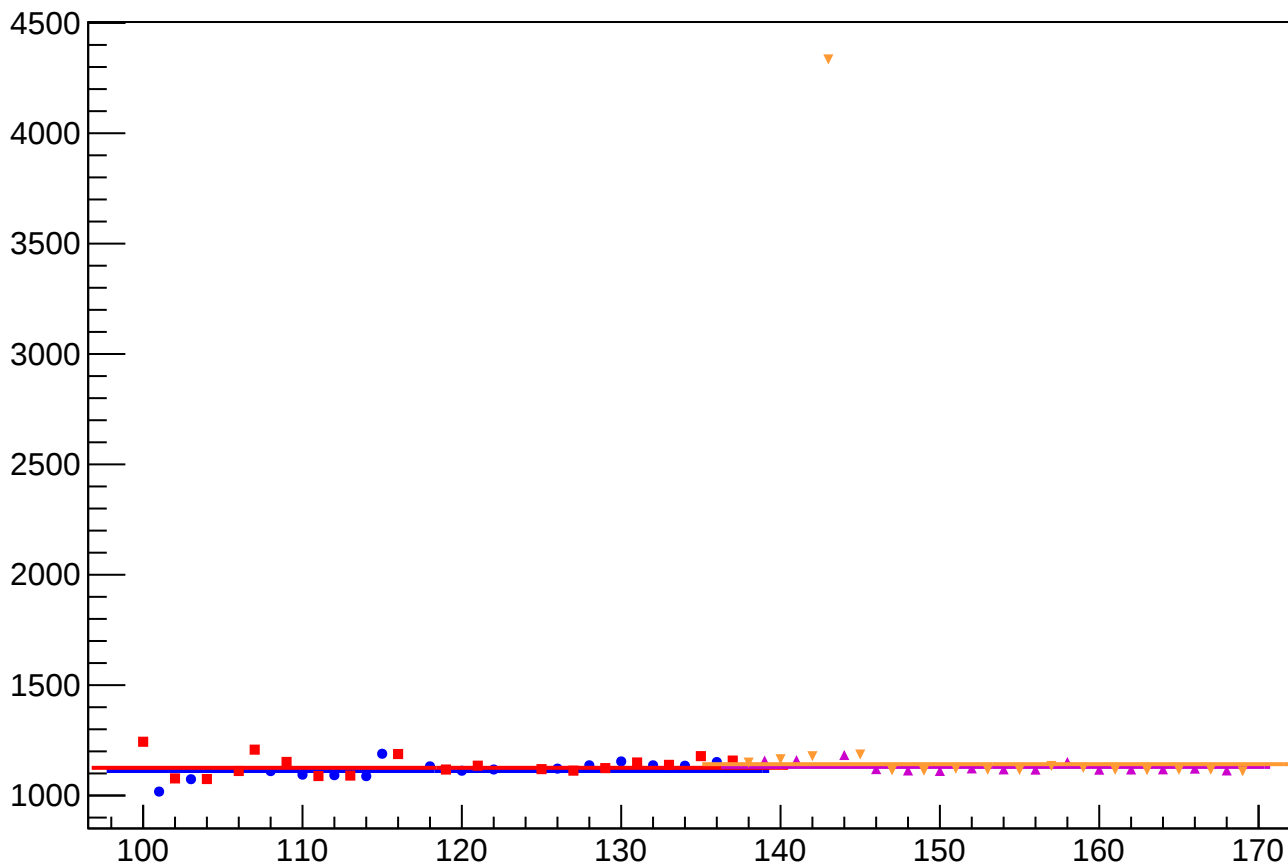
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

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

Out: 1953.807 $\pm$ 257.650 χ^2 /NDF:30.7/34

All: 1815.364 $\pm$ 183.387 χ^2 /NDF: 51.4/65

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

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

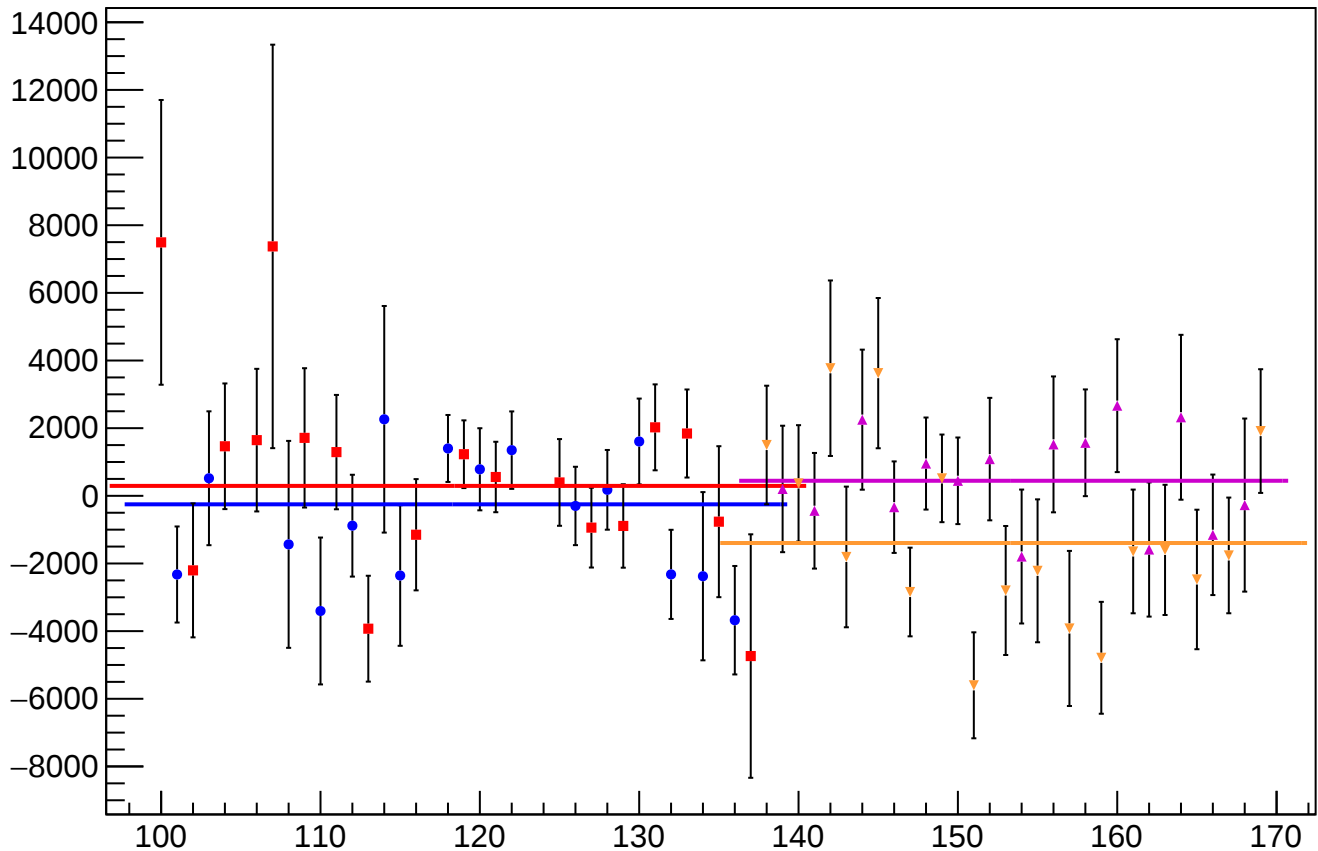
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

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

Out: 1135.944 $\pm$ 0.182 χ^2 /NDF: 870240.4/34

All: 1129.432 $\pm$ 0.130 χ^2 /NDF: 901876.3/65

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1394.803 $\pm$ 433.083 χ^2/NDF :33.3/16

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

Left In: 445.156 $\pm$ 450.914 χ^2/NDF :7.5/14

Left: -511.922 $\pm$ 312.350 χ^2/NDF : 49.4/31

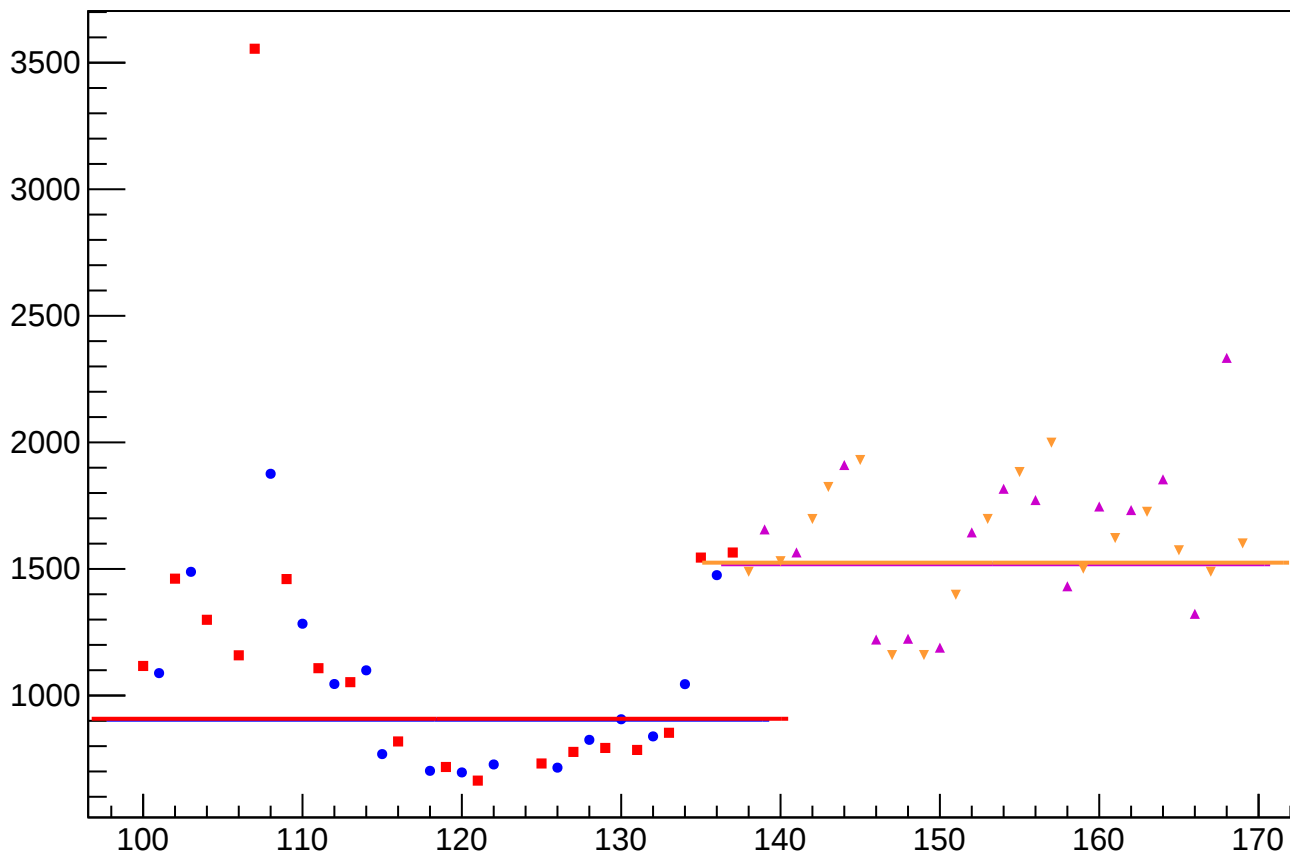
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: 24.335 $\pm$ 283.679 χ^2/NDF :30.8/30

Out: -401.920 $\pm$ 277.971 χ^2/NDF :66.2/34

All: -193.124 $\pm$ 198.543 χ^2/NDF : 98.1/65

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: 908.153 $\pm$ 0.256 χ^2 /NDF: 1381025.2/17

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

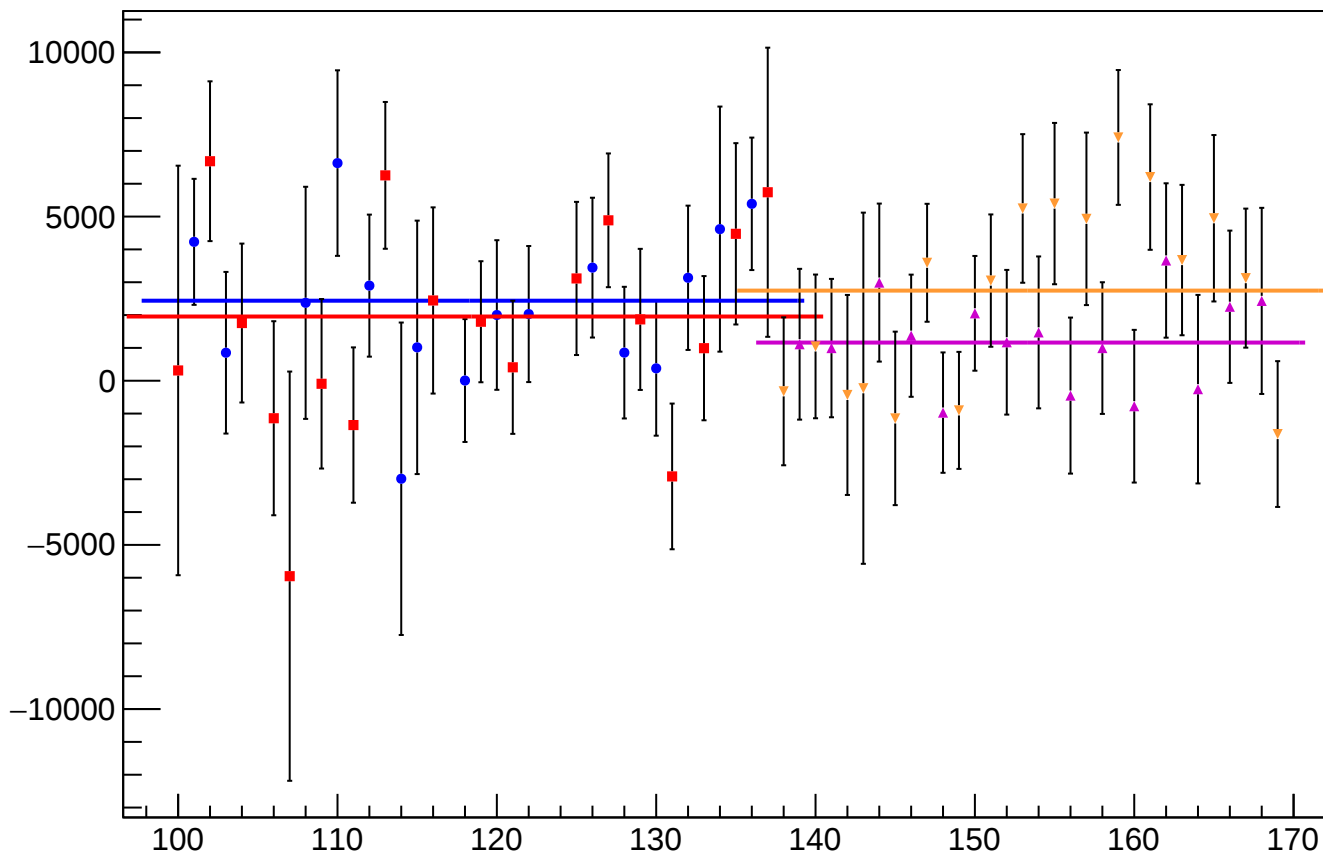
Right: 906.333 $\pm$ 0.182 χ^2 /NDF: 2402221.4/33

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

Out: 1162.210 $\pm$ 0.197 χ^2 /NDF: 4403261.7/34

All: 1155.021 $\pm$ 0.140 χ^2 /NDF: 8483453.4/65

asym_usl_mean vs Slug, Sign Corrected



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

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

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

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

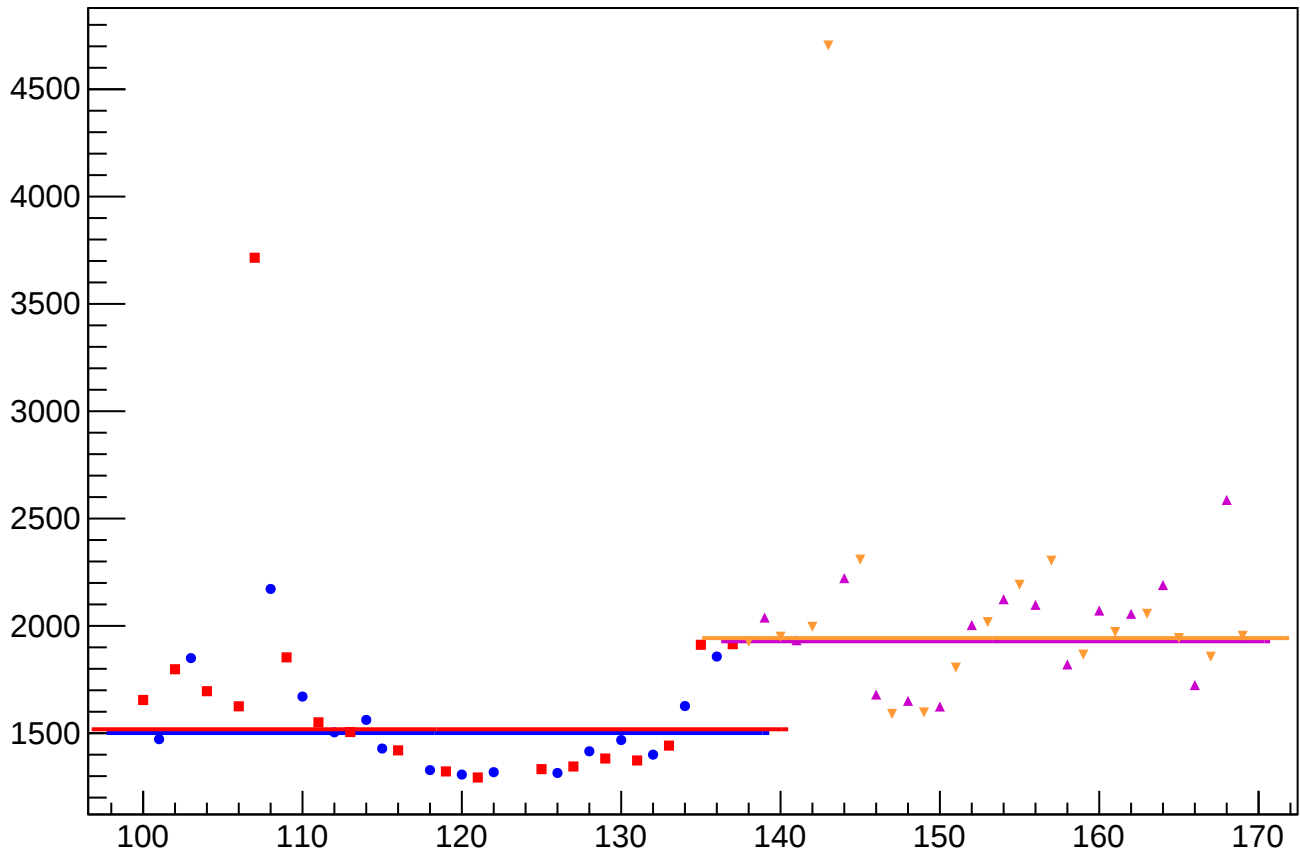
Right: 2195.827 $\pm$ 413.767 χ^2/NDF : 33.9/33

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

Out: 2372.766 $\pm$ 401.187 χ^2/NDF : 49.3/34

All: 2079.843 $\pm$ 285.823 χ^2/NDF : 69.2/65

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 $\pm$ 0.415 χ^2 /NDF: 256227.7/15

Left Out: 1943.038 $\pm$ 0.390 χ^2 /NDF: 805990.1/16

Right Out: 1518.327 $\pm$ 0.413 χ^2 /NDF: 476011.7/17

Left In: 1928.259 $\pm$ 0.400 χ^2 /NDF: 362689.1/14

Left: 1935.838 $\pm$ 0.280 χ^2 /NDF: 1169377.5/31

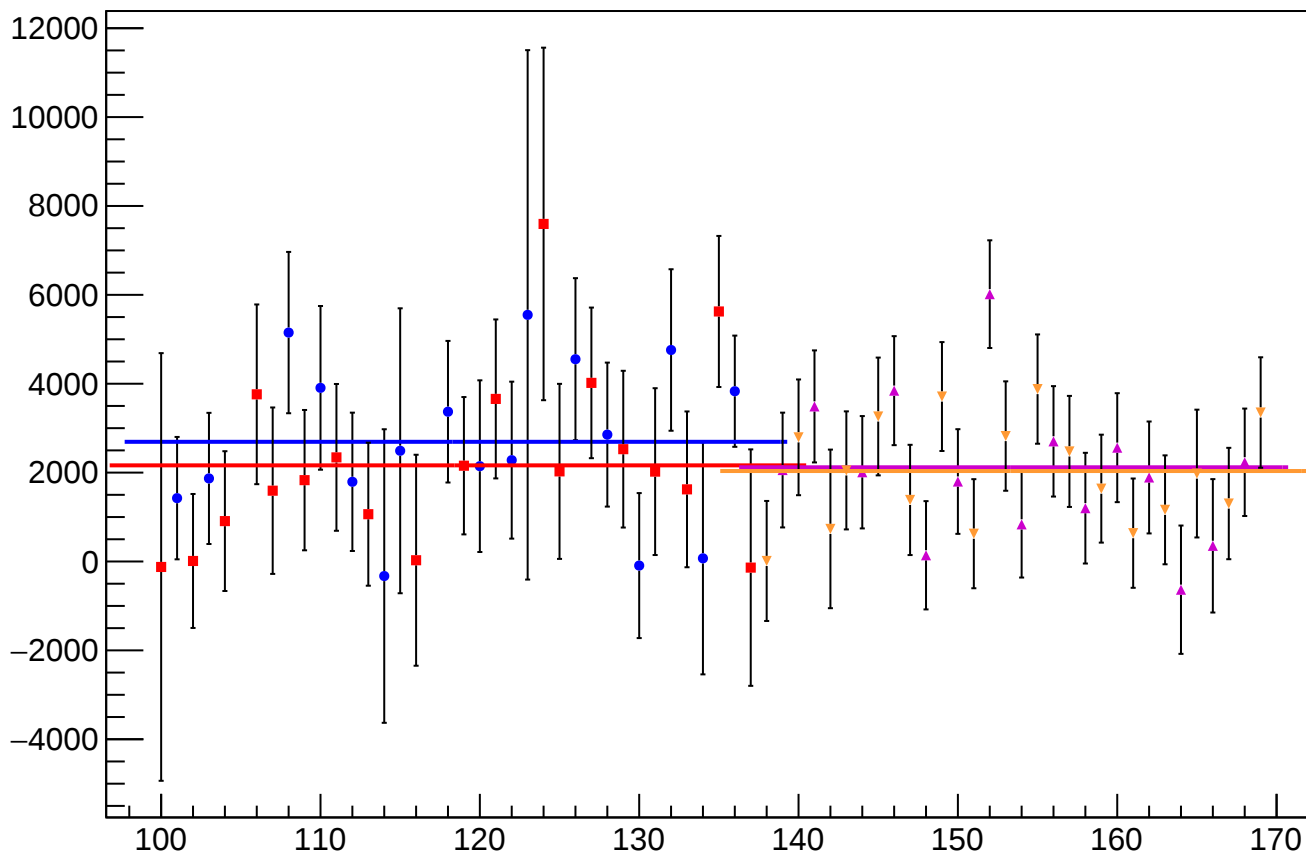
Right: 1509.610 $\pm$ 0.293 χ^2 /NDF: 733133.5/33

In: 1721.919 $\pm$ 0.288 χ^2 /NDF: 1168868.3/30

Out: 1742.667 $\pm$ 0.284 χ^2 /NDF: 1840571.4/34

All: 1732.450 $\pm$ 0.202 χ^2 /NDF: 3012073.8/65

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

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

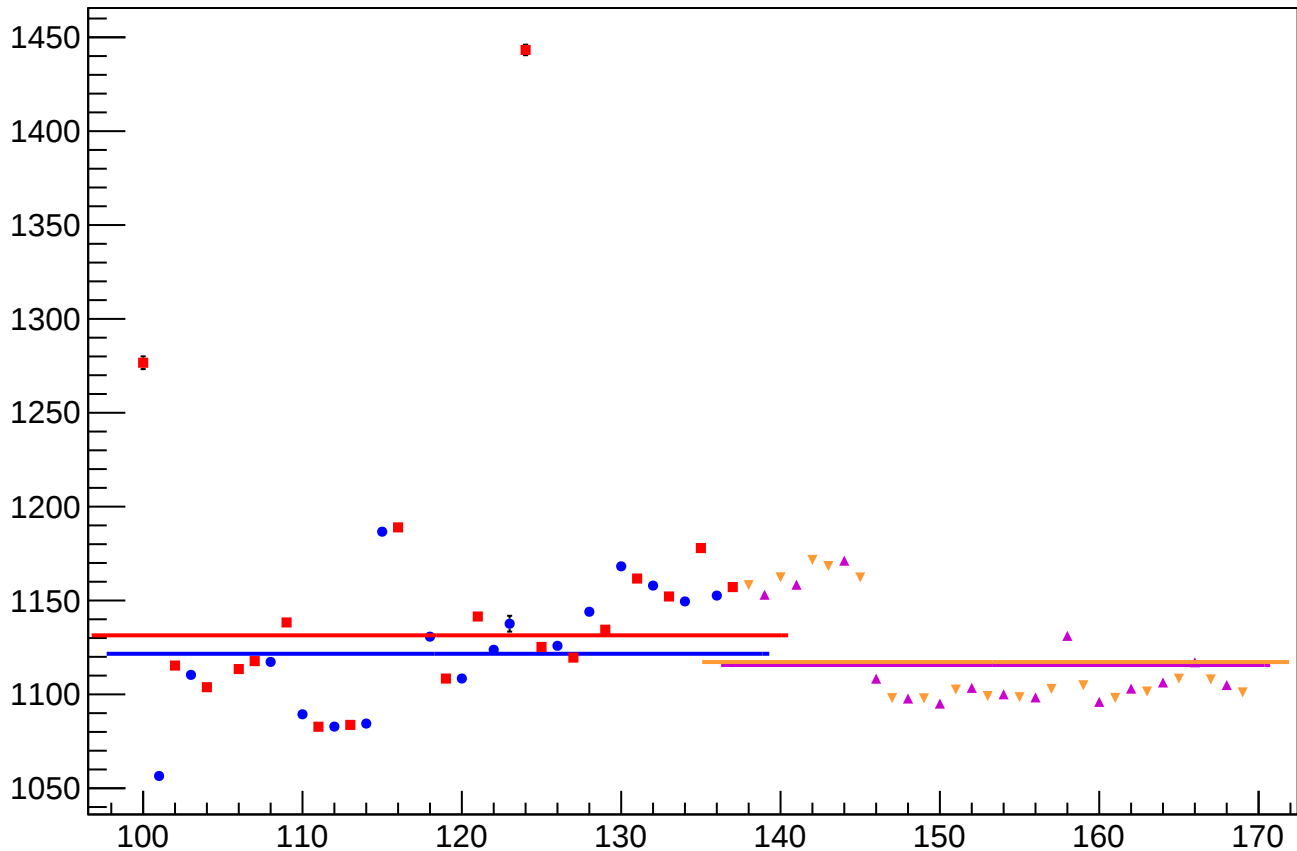
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

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

Out: 2080.223 $\pm$ 251.016 χ^2/NDF : 27.4/35

All: 2199.030 $\pm$ 180.469 χ^2/NDF : 64.6/67

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

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

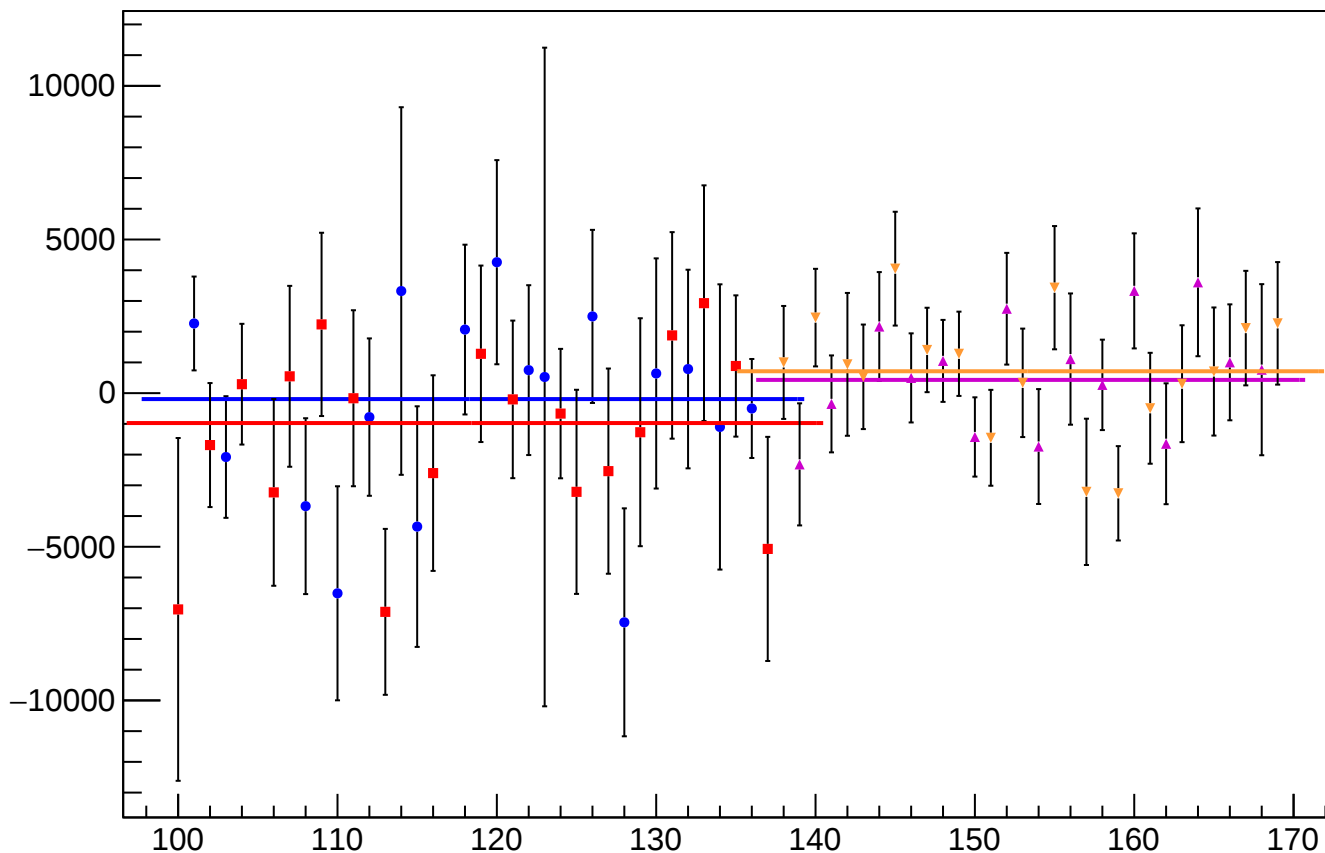
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

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

Out: 1122.214 $\pm$ 0.177 χ^2 /NDF:39913.1/35

All: 1120.083 $\pm$ 0.128 χ^2 /NDF: 63583.1/67

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 712.400+/-425.986 χ^2/NDF :19.8/16

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

Left In: 431.159+/-446.830 χ^2/NDF :13.9/14

Left: 578.492+/-308.323 χ^2/NDF : 33.9/31

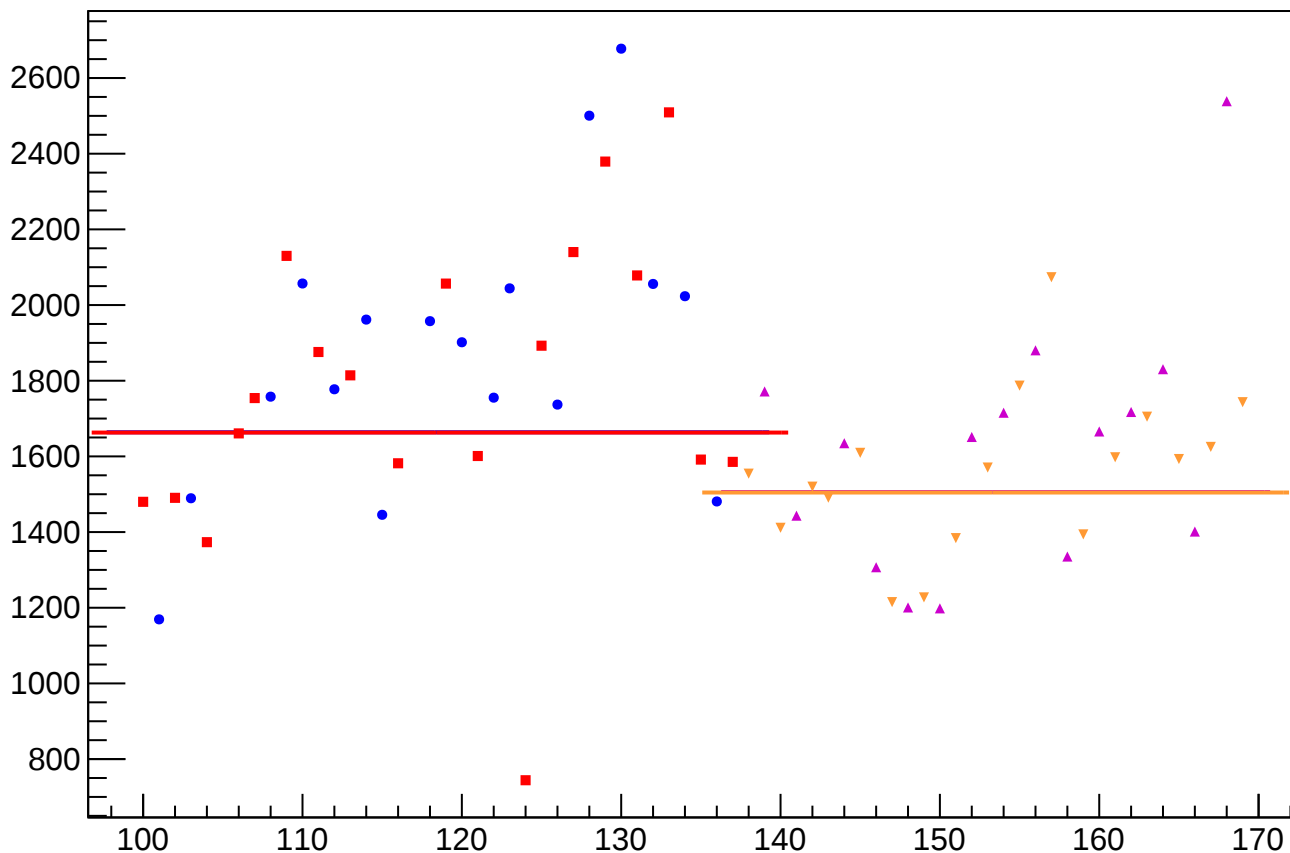
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 235.031+/-370.072 χ^2/NDF :31.8/31

Out: 200.497+/-355.468 χ^2/NDF :38.9/35

All: 217.070+/-256.361 χ^2/NDF : 70.7/67

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

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

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

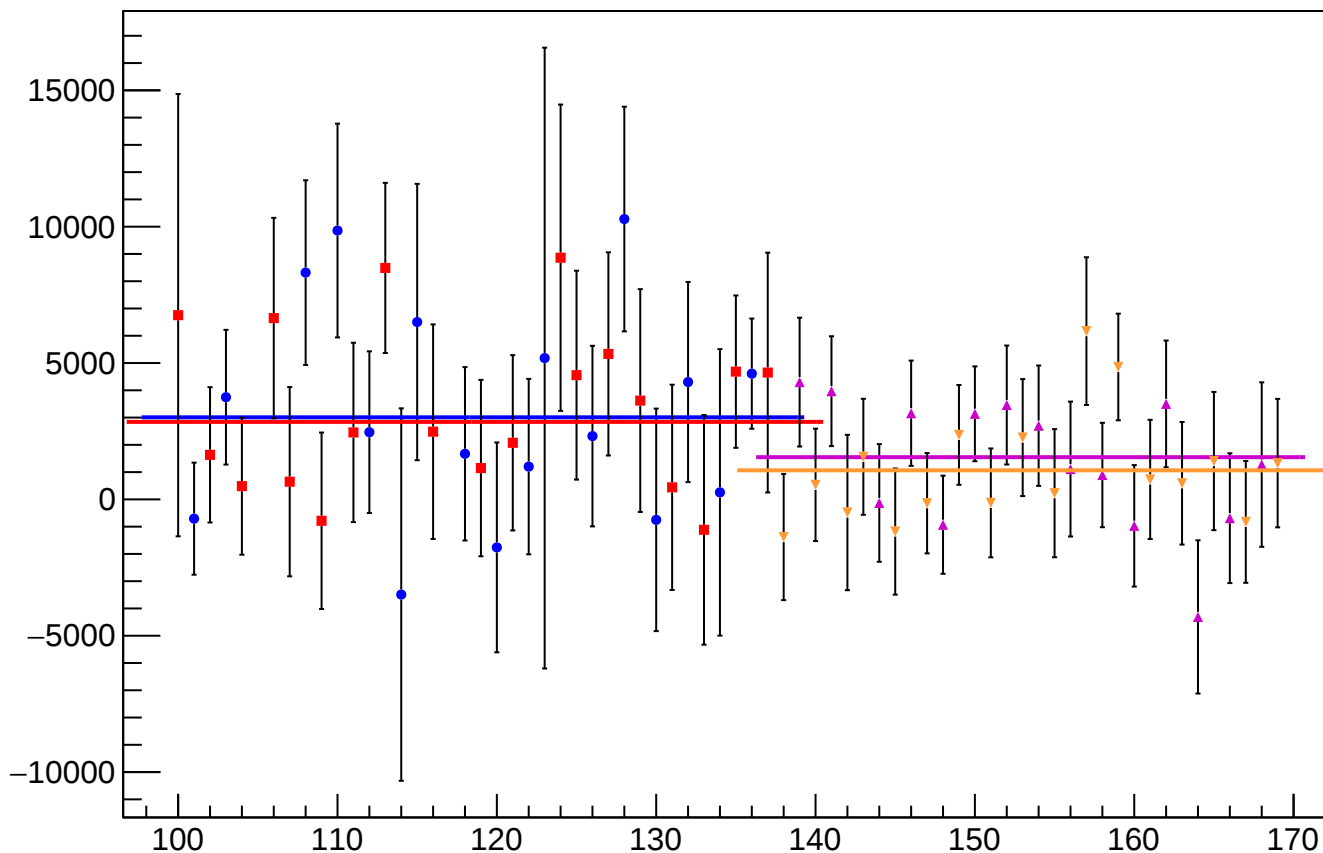
Right: 1663.373 +/- 0.326 χ^2/NDF : 1427453.3/35

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

Out: 1552.670 +/- 0.251 χ^2/NDF : 1321873.2/35

All: 1554.014 +/- 0.181 χ^2/NDF : 2810113.5/67

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

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

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

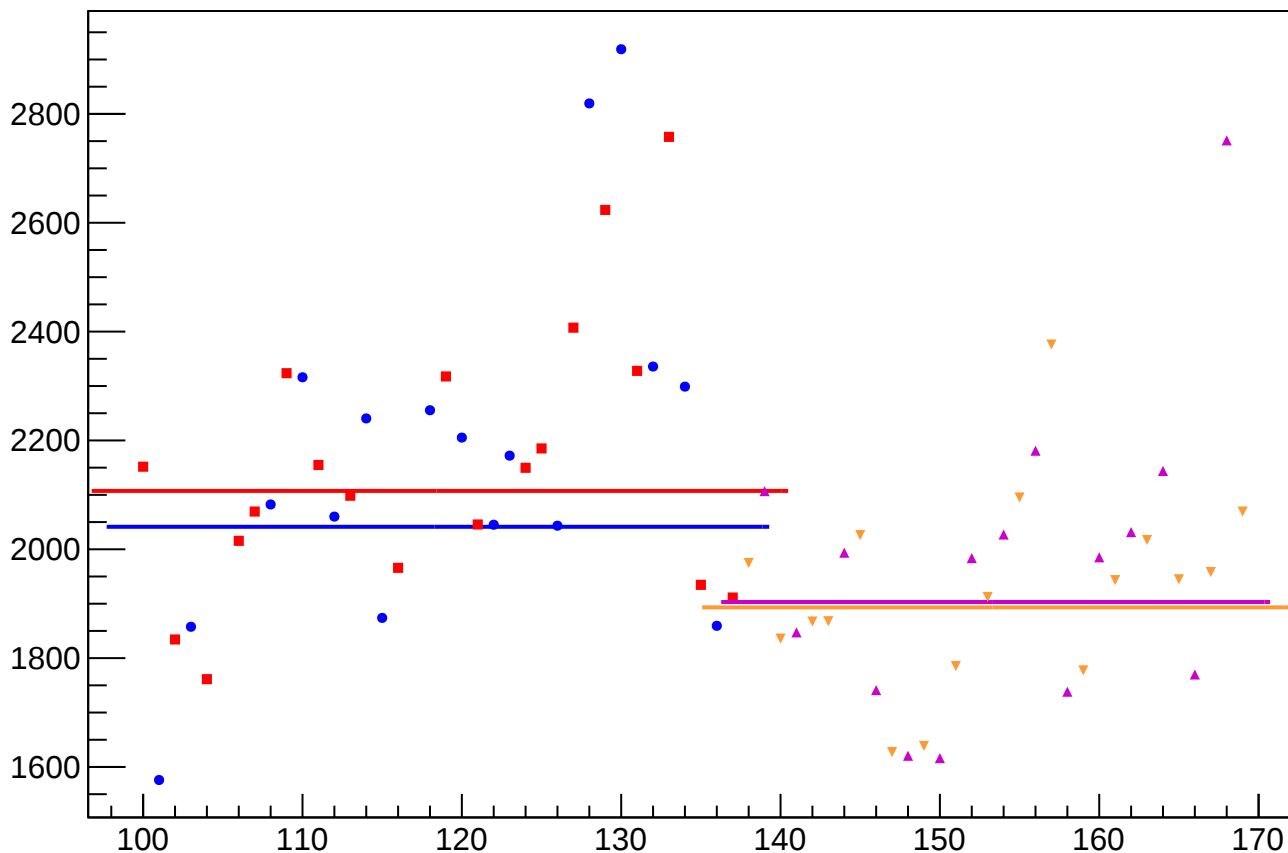
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

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

Out: 1613.810+/-442.012 χ^2/NDF : 27.2/35

All: 1813.185+/-318.097 χ^2/NDF : 62.5/67

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1893.263+/-0.376 χ^2/NDF : 203788.8/16

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

Left In: 1903.159+/-0.395 χ^2/NDF : 374911.9/14

Left: 1897.962+/-0.272 χ^2/NDF : 579029.9/31

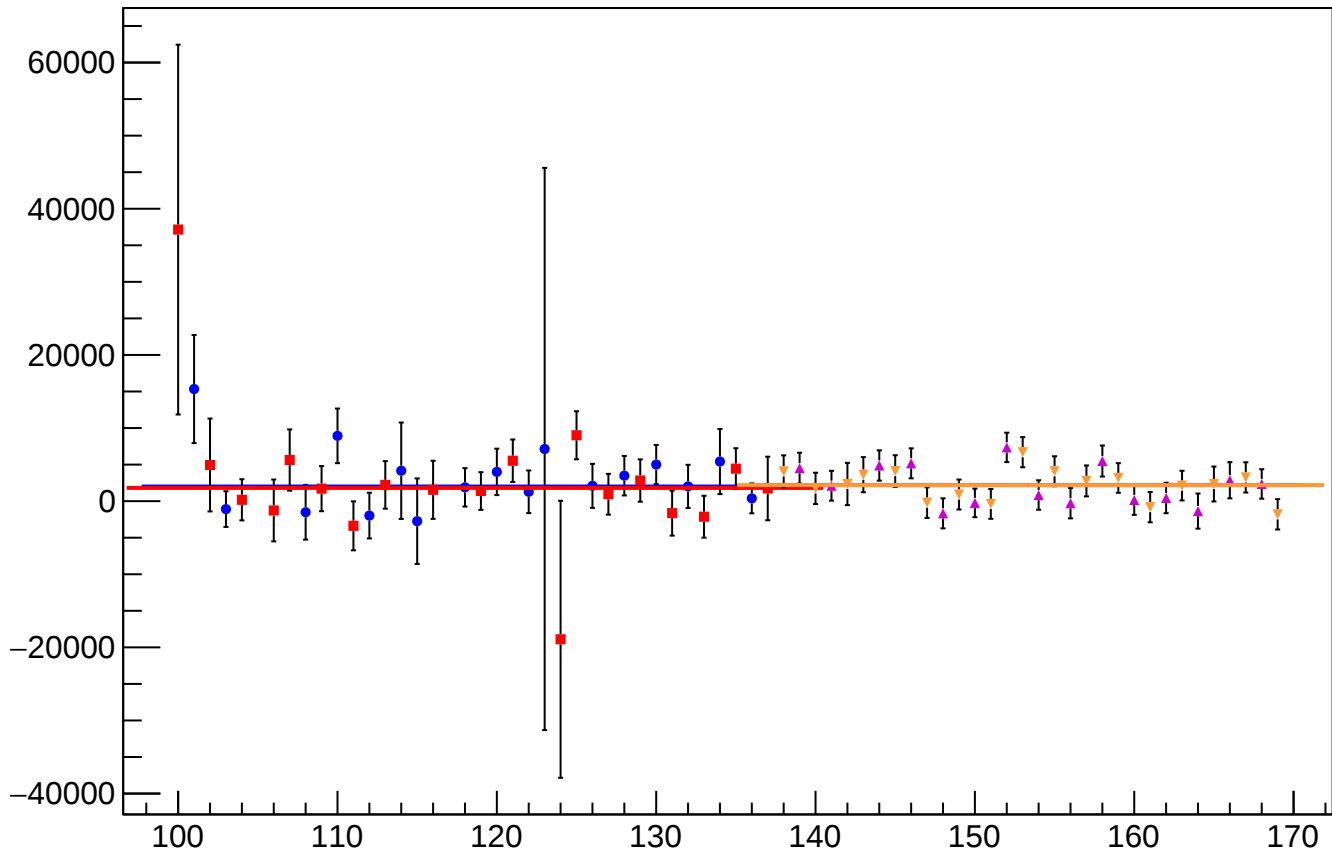
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1948.518+/-0.324 χ^2/NDF : 753472.3/31

Out: 1959.299+/-0.313 χ^2/NDF : 500602.2/35

All: 1954.101+/-0.225 χ^2/NDF : 1254648.1/67

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2193.912+/-520.235 χ^2/NDF : 17.2/16

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

Left In: 2198.182+/-539.688 χ^2/NDF : 24.9/14

Left: 2195.969+/-374.550 χ^2/NDF : 42.1/31

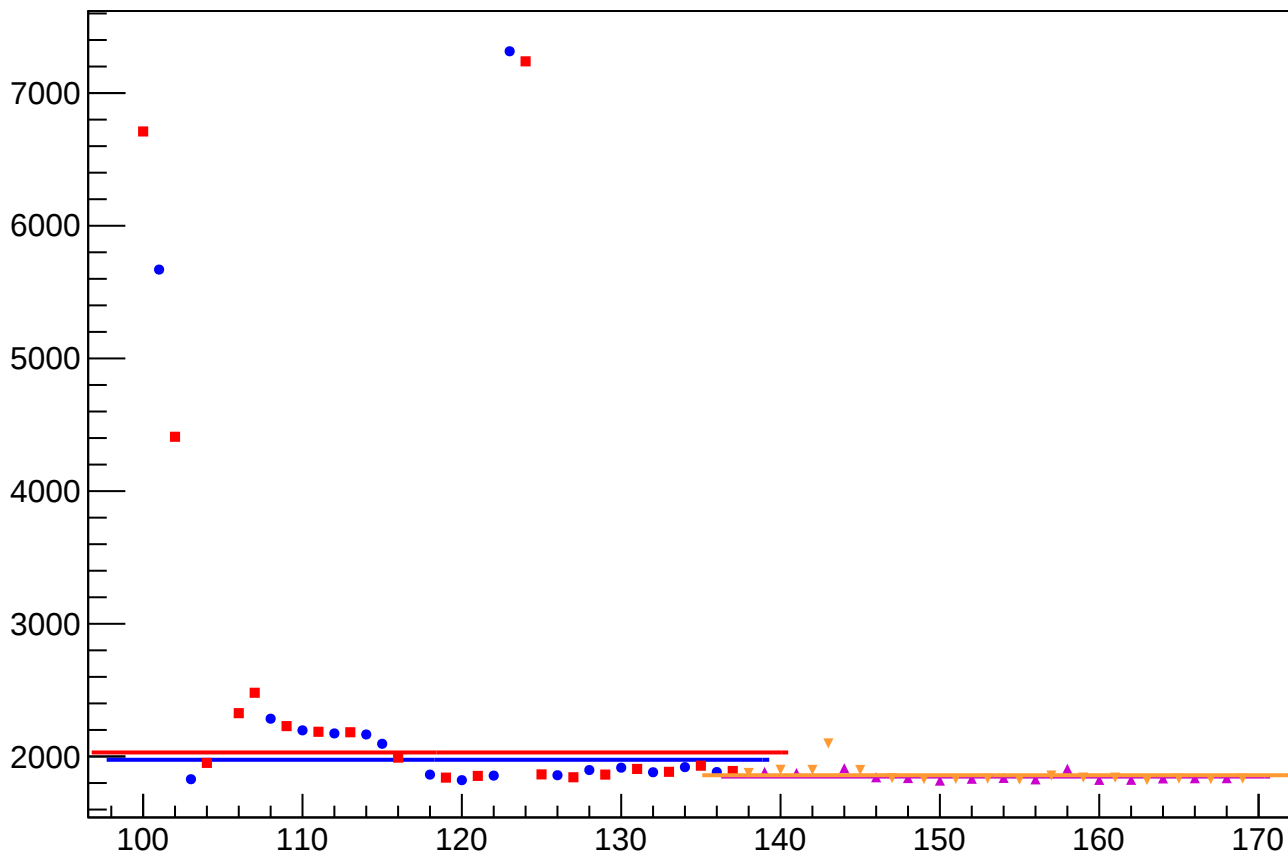
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2134.167+/-444.107 χ^2/NDF : 39.8/31

Out: 2077.731+/-433.051 χ^2/NDF : 35.6/35

All: 2105.238+/-310.048 χ^2/NDF : 75.4/67

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

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

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

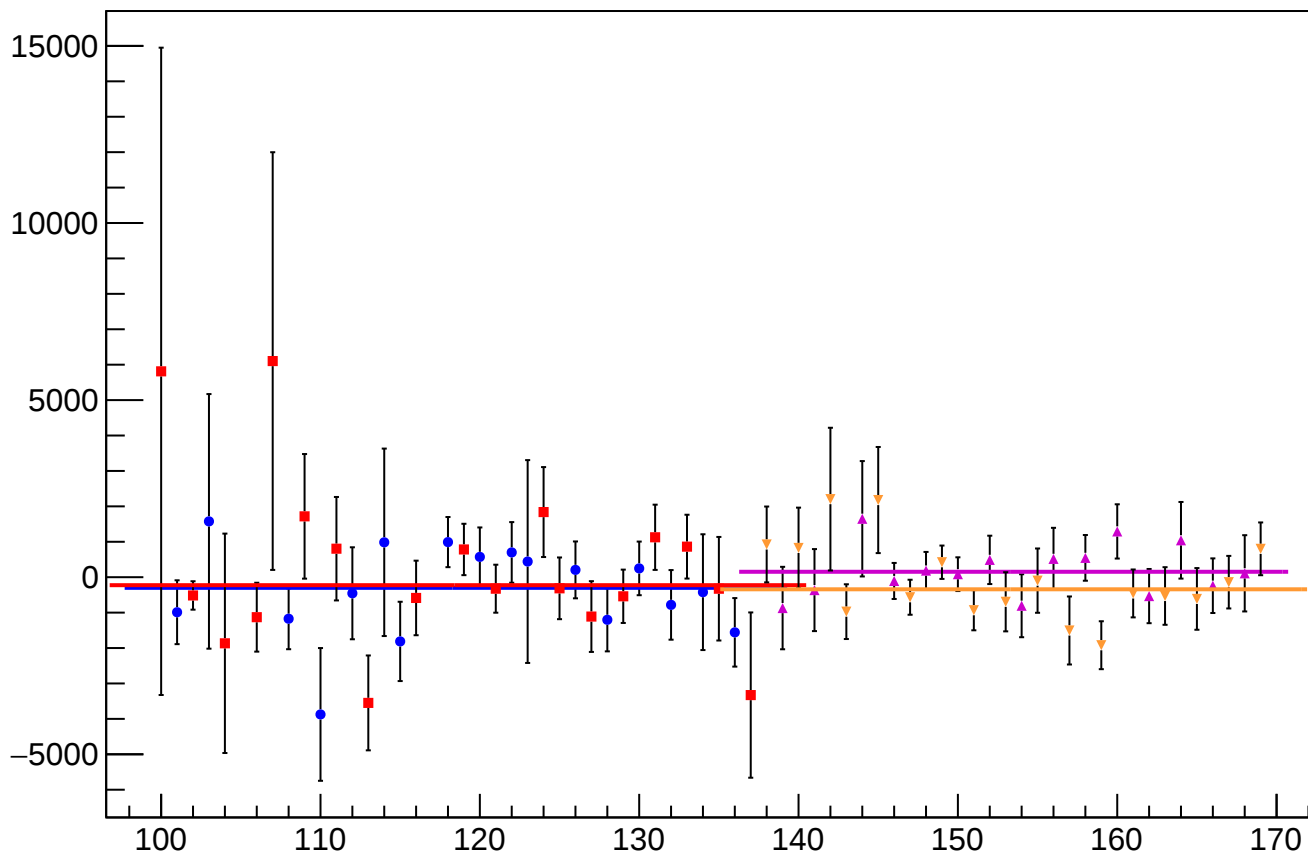
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1911.385+/-0.306 χ^2/NDF : 696339.2/35

All: 1900.673+/-0.219 χ^2/NDF : 1340204.5/67

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2 /NDF: 17.3/16

Left Out: -341.732 $\pm$ 181.725 χ^2 /NDF:21.2/16

Right Out: -225.432 $\pm$ 215.564 χ^2 /NDF: 22.2/18

Left In: 153.059 $\pm$ 190.114 χ^2 /NDF:8.0/14

Left: -105.493 $\pm$ 131.364 χ^2 /NDF: 32.8/31

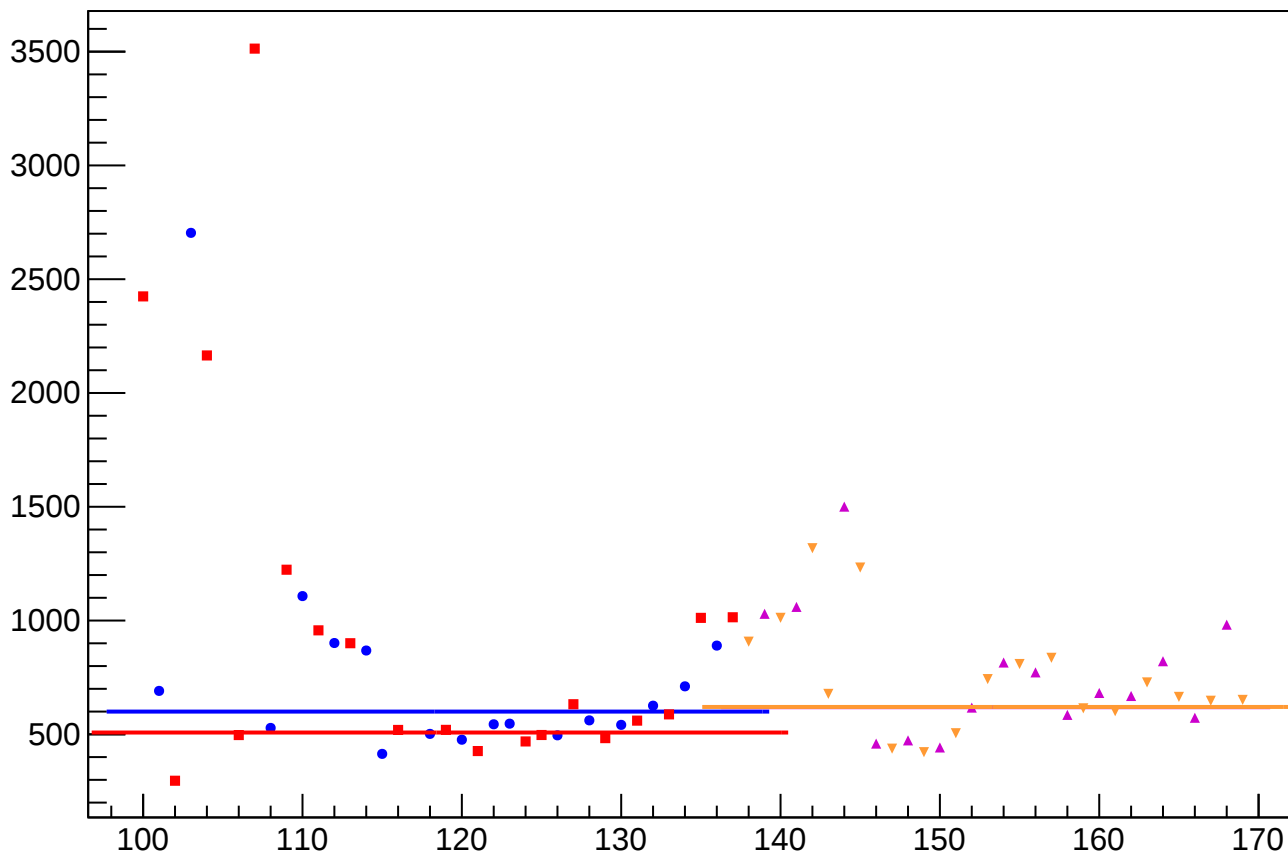
Right: -257.724 $\pm$ 162.302 χ^2 /NDF: 39.6/35

In: -15.818 $\pm$ 150.568 χ^2 /NDF:27.5/31

Out: -293.416 $\pm$ 138.941 χ^2 /NDF:43.6/35

All: -165.748 $\pm$ 102.109 χ^2 /NDF: 72.9/67

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 620.302 $\pm$ 0.128 χ^2 /NDF:1959048.9/16

Right Out: 507.943 $\pm$ 0.152 χ^2 /NDF: 2848884.0/18

Left In: 619.312 $\pm$ 0.134 χ^2 /NDF:2240927.8/14

Left: 619.829 $\pm$ 0.093 χ^2 /NDF: 4200005.1/31

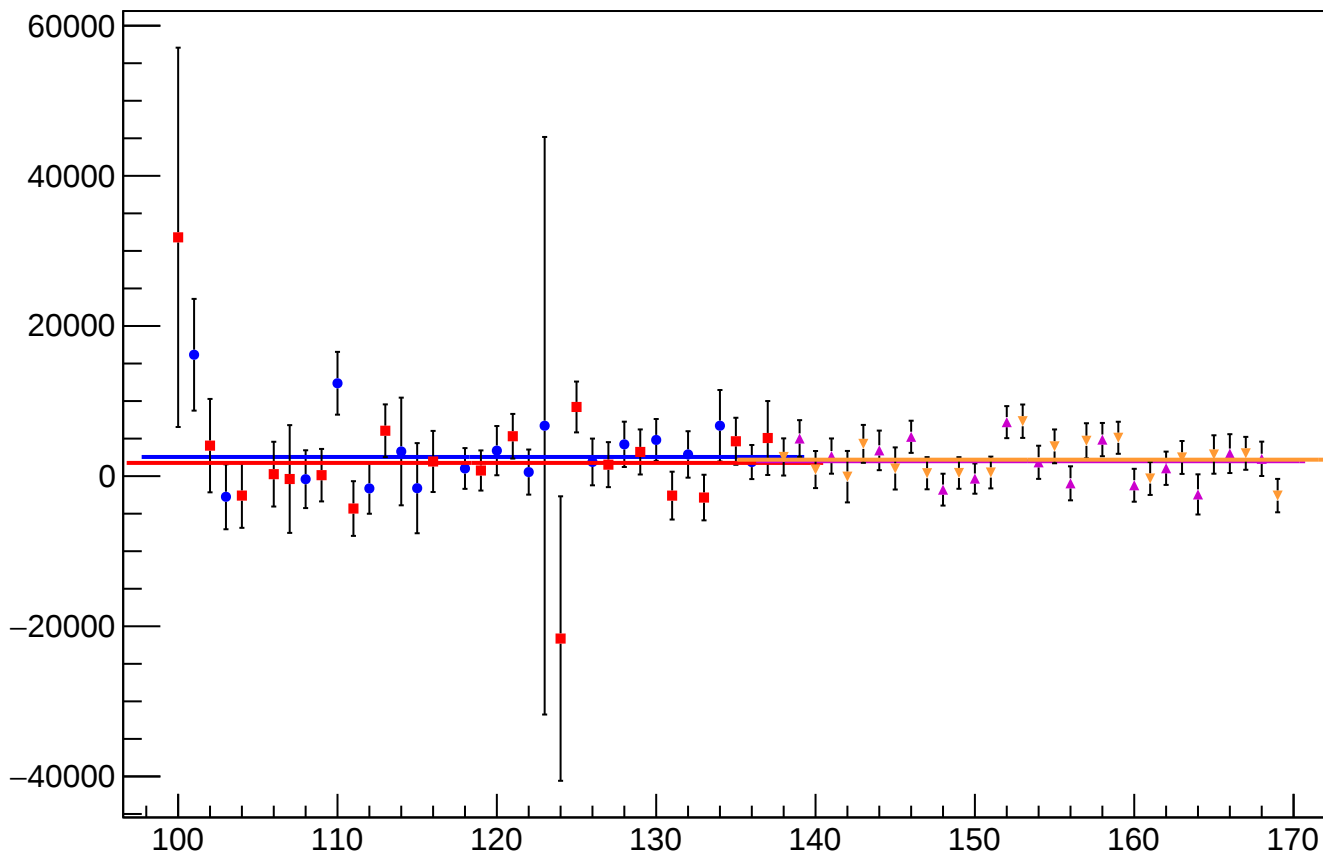
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 612.096 $\pm$ 0.106 χ^2 /NDF:3629706.9/31

Out: 573.624 $\pm$ 0.098 χ^2 /NDF:5125569.1/35

All: 591.317 $\pm$ 0.072 χ^2 /NDF: 8825797.7/67

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

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

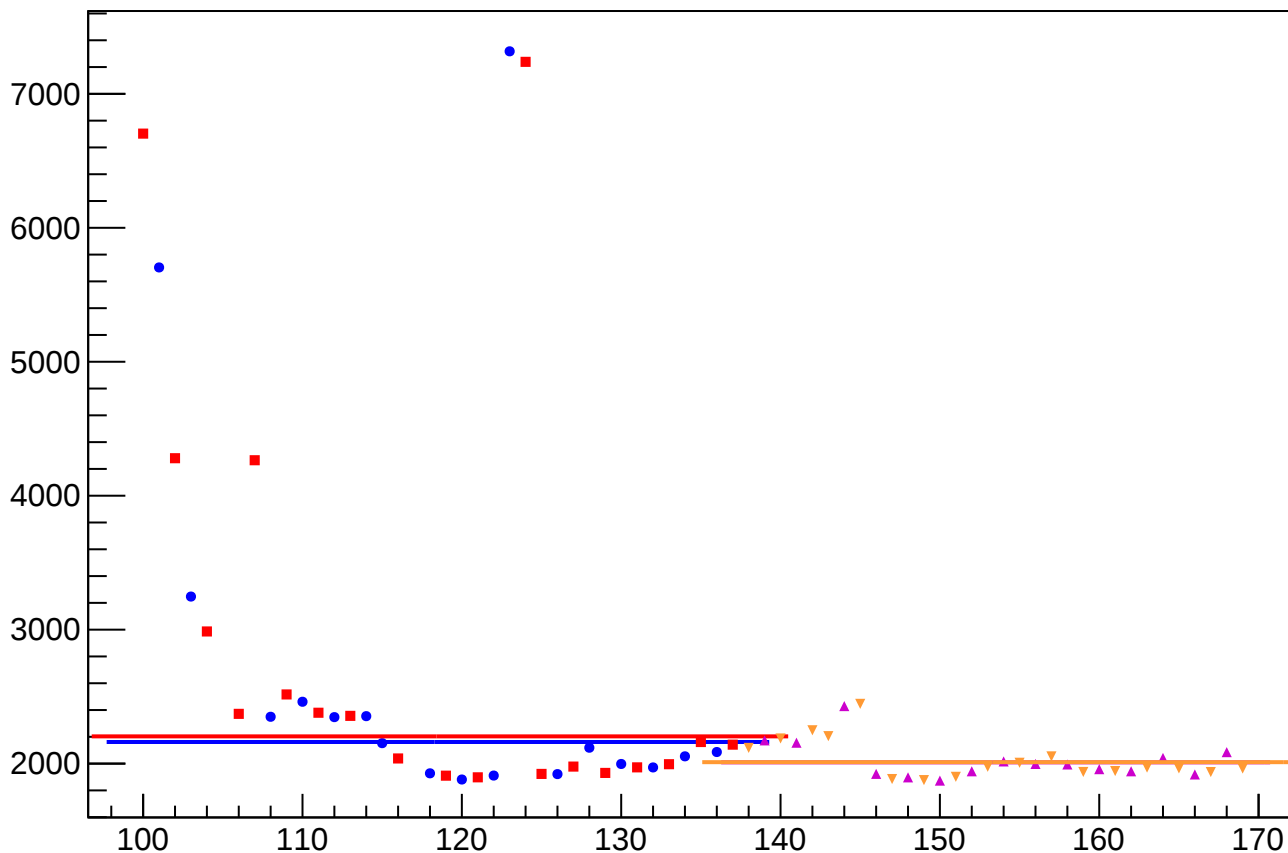
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 2061.083 $\pm$ 470.730 χ^2 /NDF: 39.9/35

All: 2112.776 $\pm$ 337.822 χ^2 /NDF: 79.2/67

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2010.787 ± 0.399 χ^2/NDF : 113832.3/16

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

Left In: 2009.439 ± 0.416 χ^2/NDF : 95507.9/14

Left: 2010.141 ± 0.288 χ^2/NDF : 209345.7/31

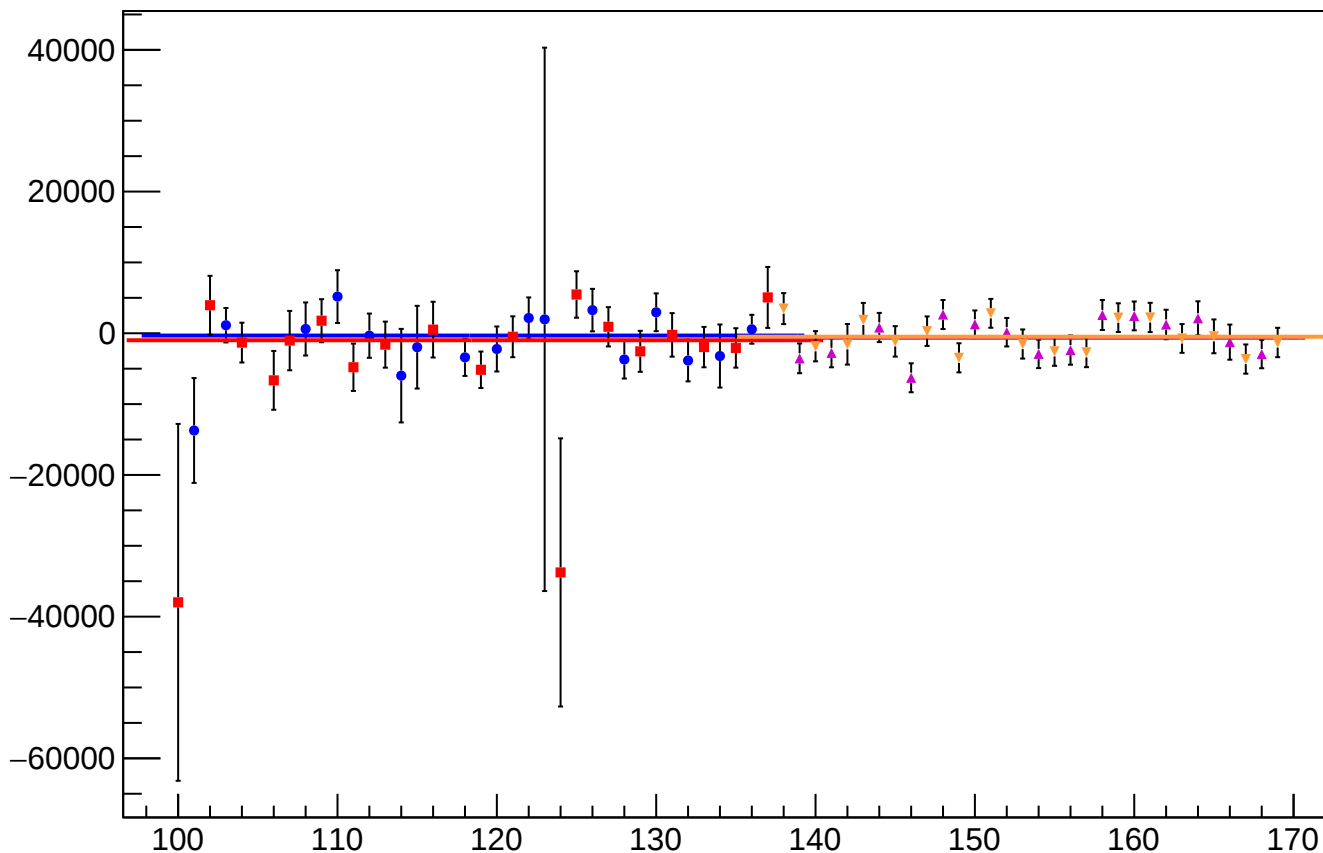
Right: 2182.484 ± 0.428 χ^2/NDF : 1511040.8/35

In: 2057.918 ± 0.343 χ^2/NDF : 849406.1/31

Out: 2069.199 ± 0.333 χ^2/NDF : 981948.3/35

All: 2063.728 ± 0.239 χ^2/NDF : 1831911.5/67

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: -985.900+/-769.924 χ^2/NDF : 20.4/18

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

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

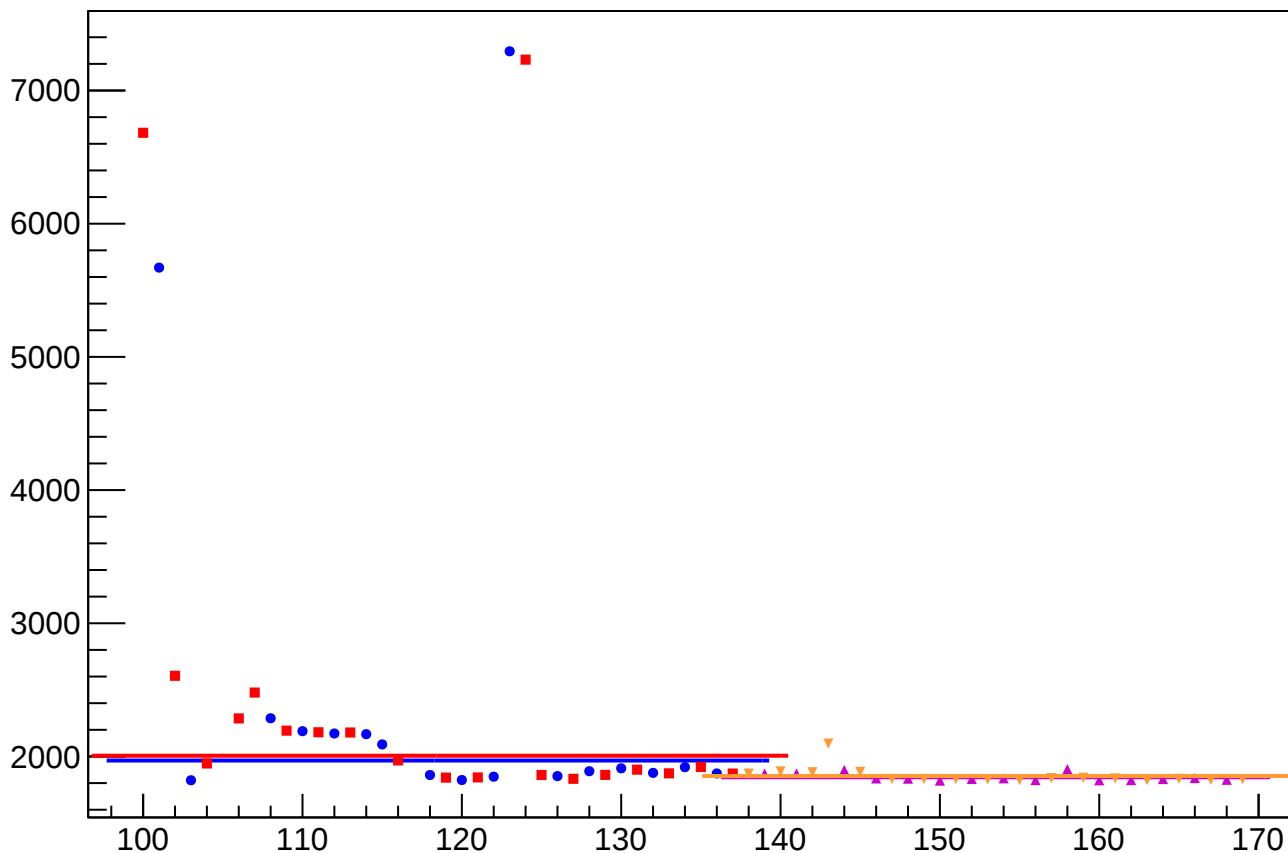
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

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

Out: -641.597+/-430.174 χ^2/NDF : 38.8/35

All: -588.218+/-308.590 χ^2/NDF : 79.5/67

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

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

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

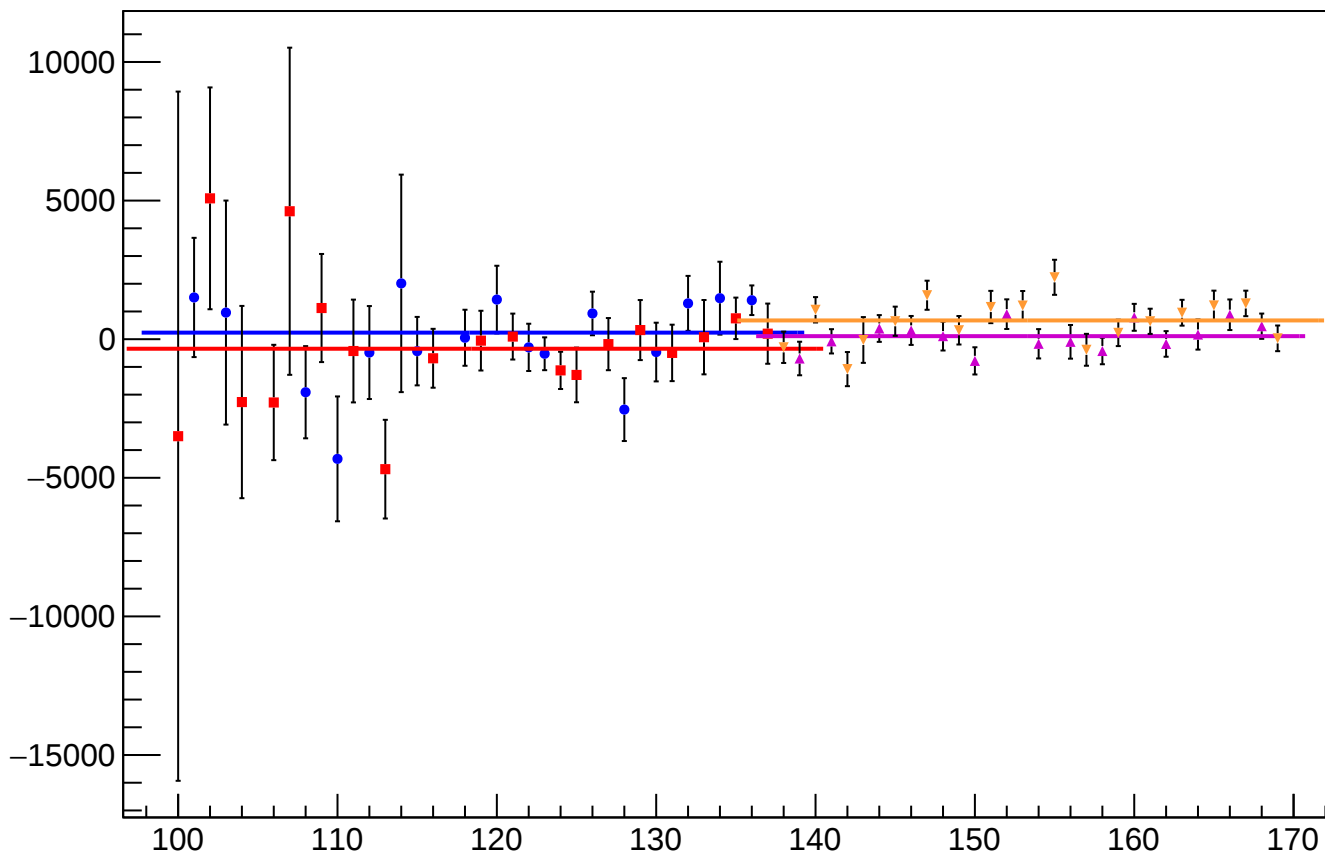
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1900.767+/-0.304 χ^2/NDF : 438462.4/35

All: 1892.794+/-0.218 χ^2/NDF : 1083268.1/67

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

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

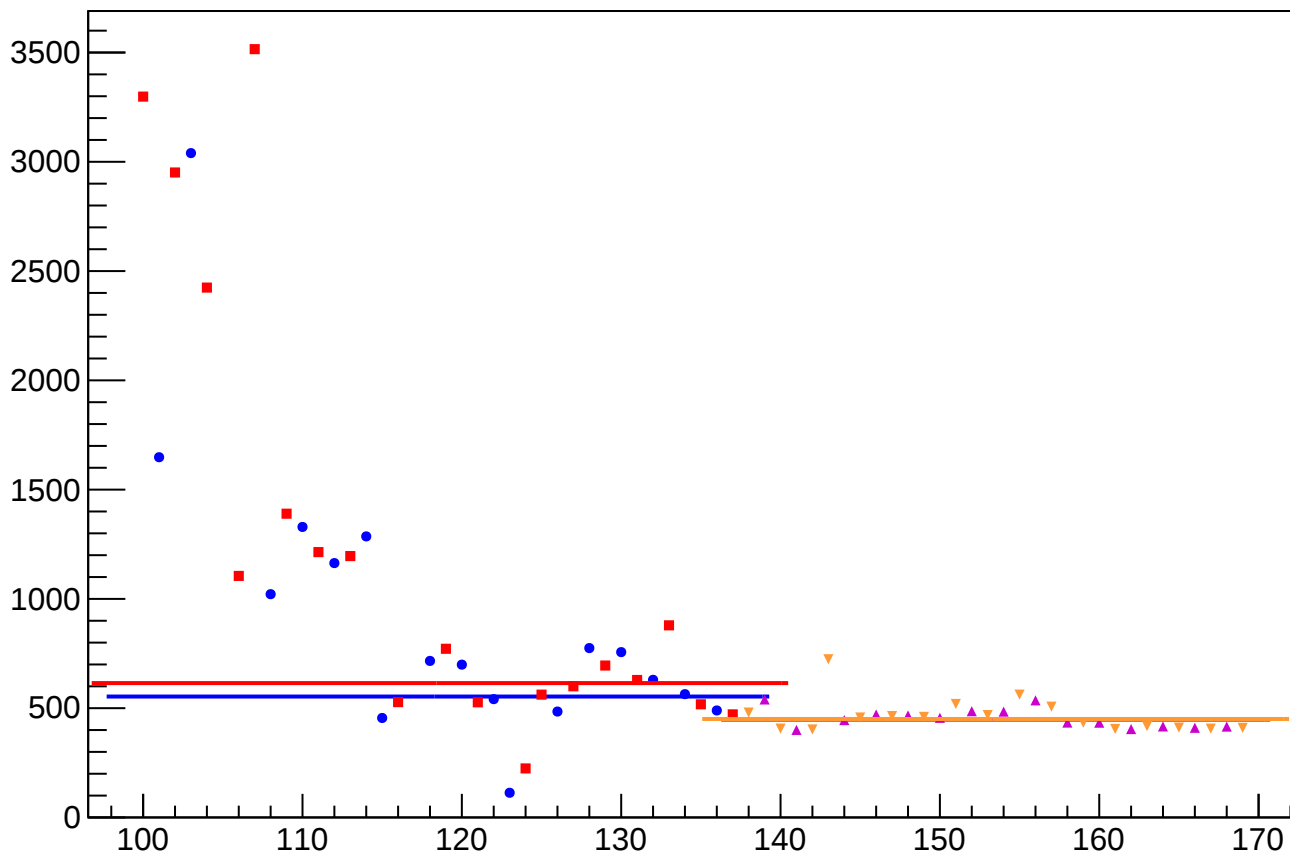
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

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

Out: 489.710 $\pm$ 114.901 χ^2 /NDF:60.9/35

All: 314.969 $\pm$ 81.580 χ^2 /NDF: 104.2/67

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

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

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

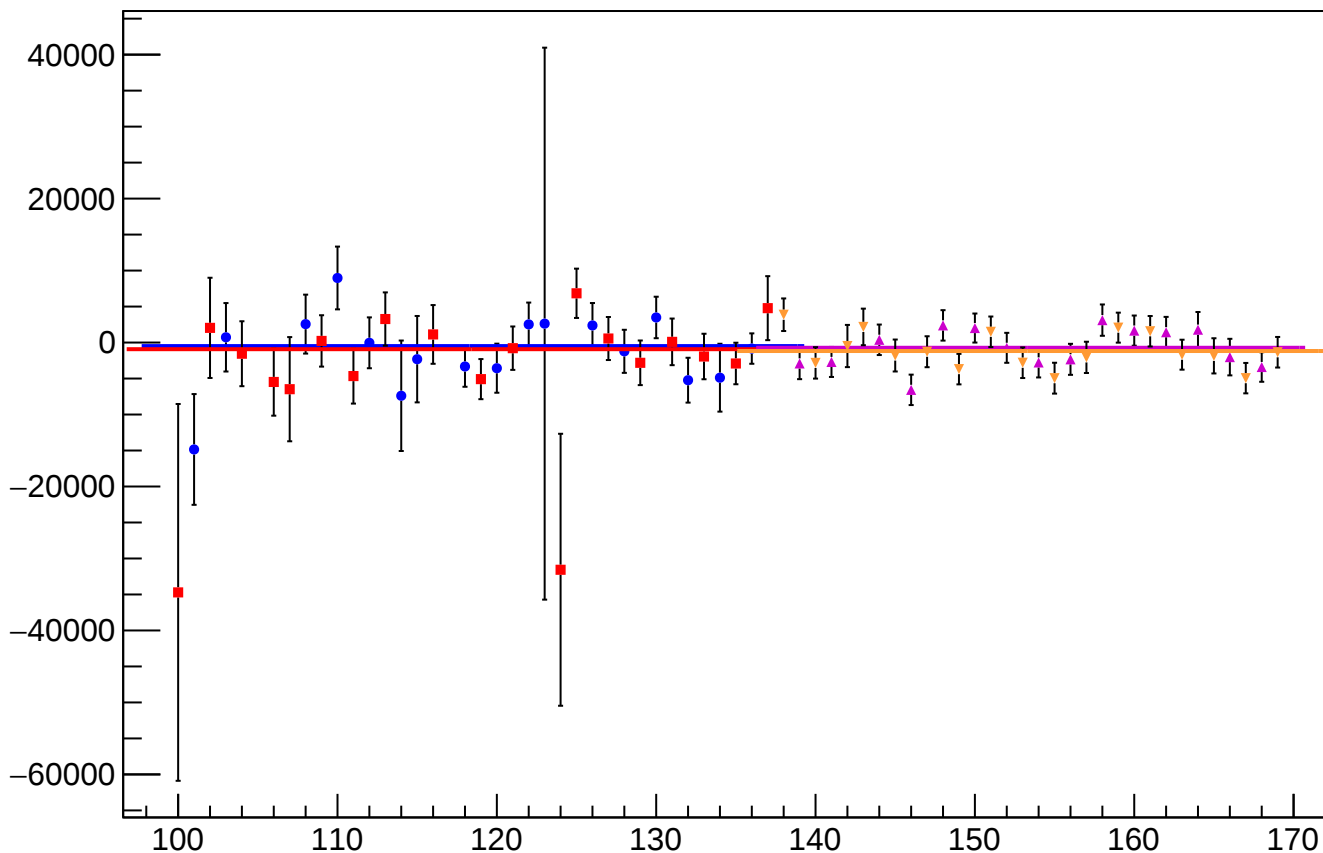
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

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

Out: 480.652+/-0.081 χ^2/NDF : 4627531.0/35

All: 475.590+/-0.058 χ^2/NDF : 8516941.4/67

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: -921.907 $\pm$ 868.662 χ^2/NDF : 18.9/18

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

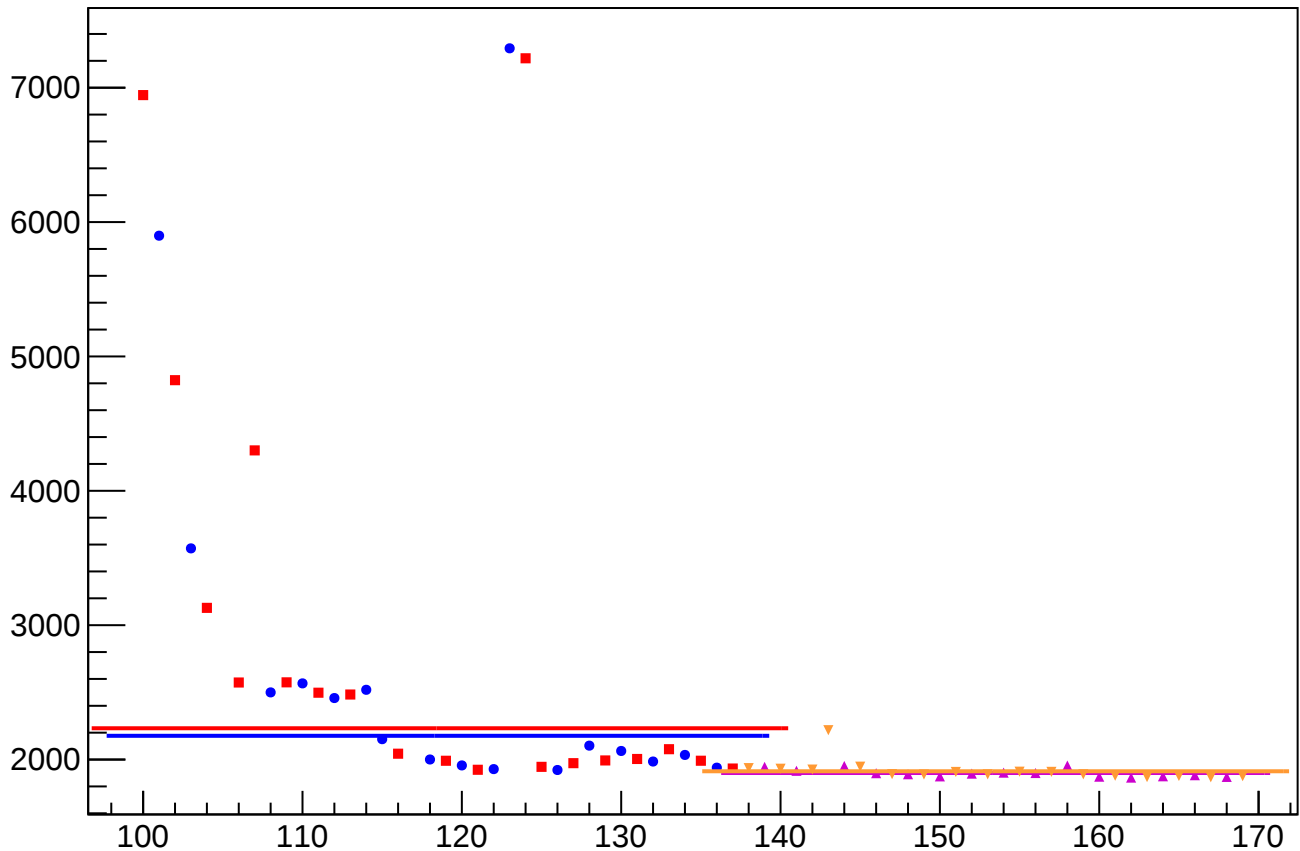
Right: -706.757 $\pm$ 613.998 χ^2/NDF : 37.6/35

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

Out: -1106.314 $\pm$ 455.776 χ^2/NDF : 40.7/35

All: -888.252 $\pm$ 326.308 χ^2/NDF : 83.6/67

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1912.772+/-0.379 χ^2/NDF : 34055.2/16

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

Left In: 1900.060+/-0.392 χ^2/NDF : 5422.8/14

Left: 1906.641+/-0.272 χ^2/NDF : 40021.9/31

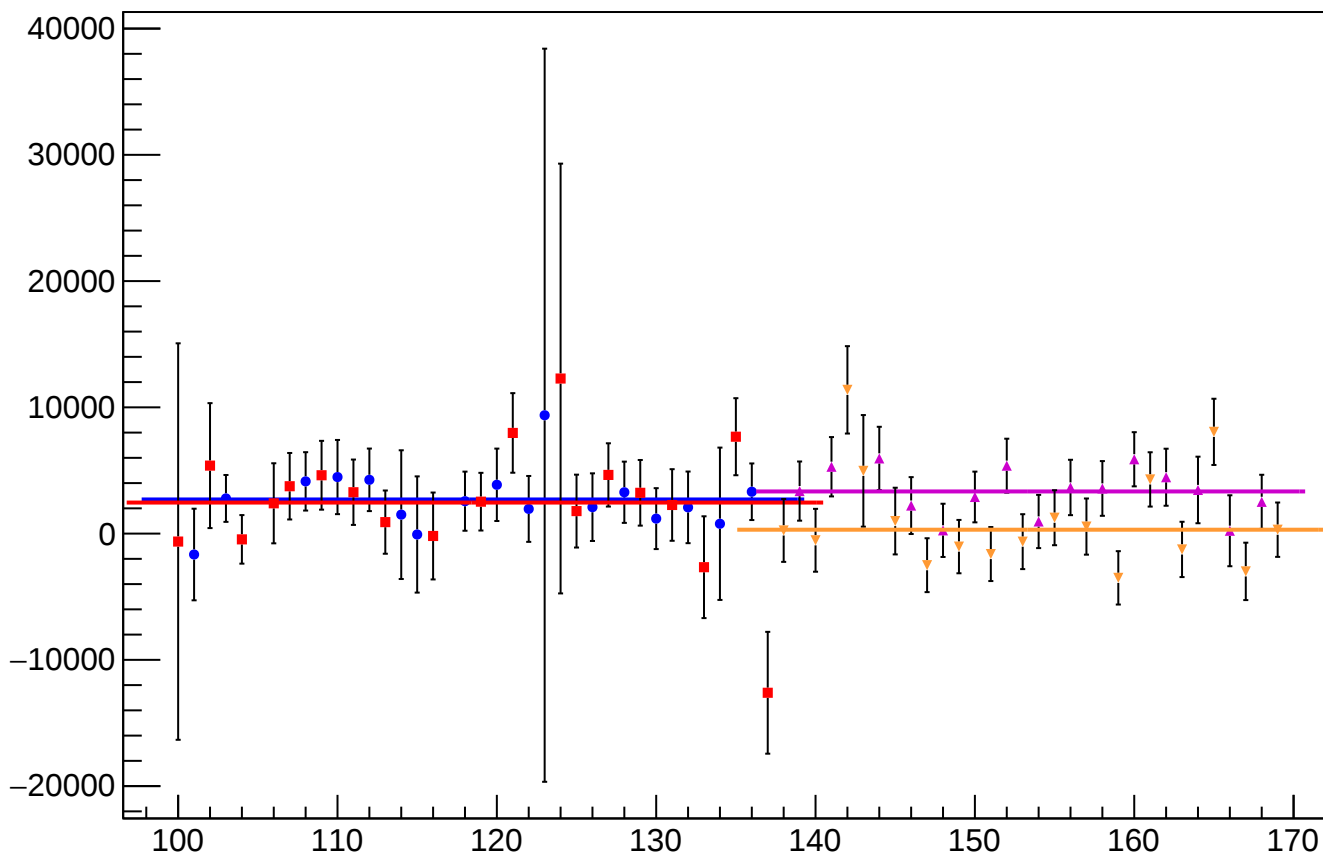
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 1980.284+/-0.330 χ^2/NDF : 952402.0/31

Out: 2000.898+/-0.322 χ^2/NDF : 1121437.9/35

All: 1990.850+/-0.231 χ^2/NDF : 2075834.2/67

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 308.045+/-568.846 χ^2/NDF : 32.9/16

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

Left In: 3338.731+/-581.343 χ^2/NDF : 9.5/14

Left: 1790.463+/-406.581 χ^2/NDF : 56.3/31

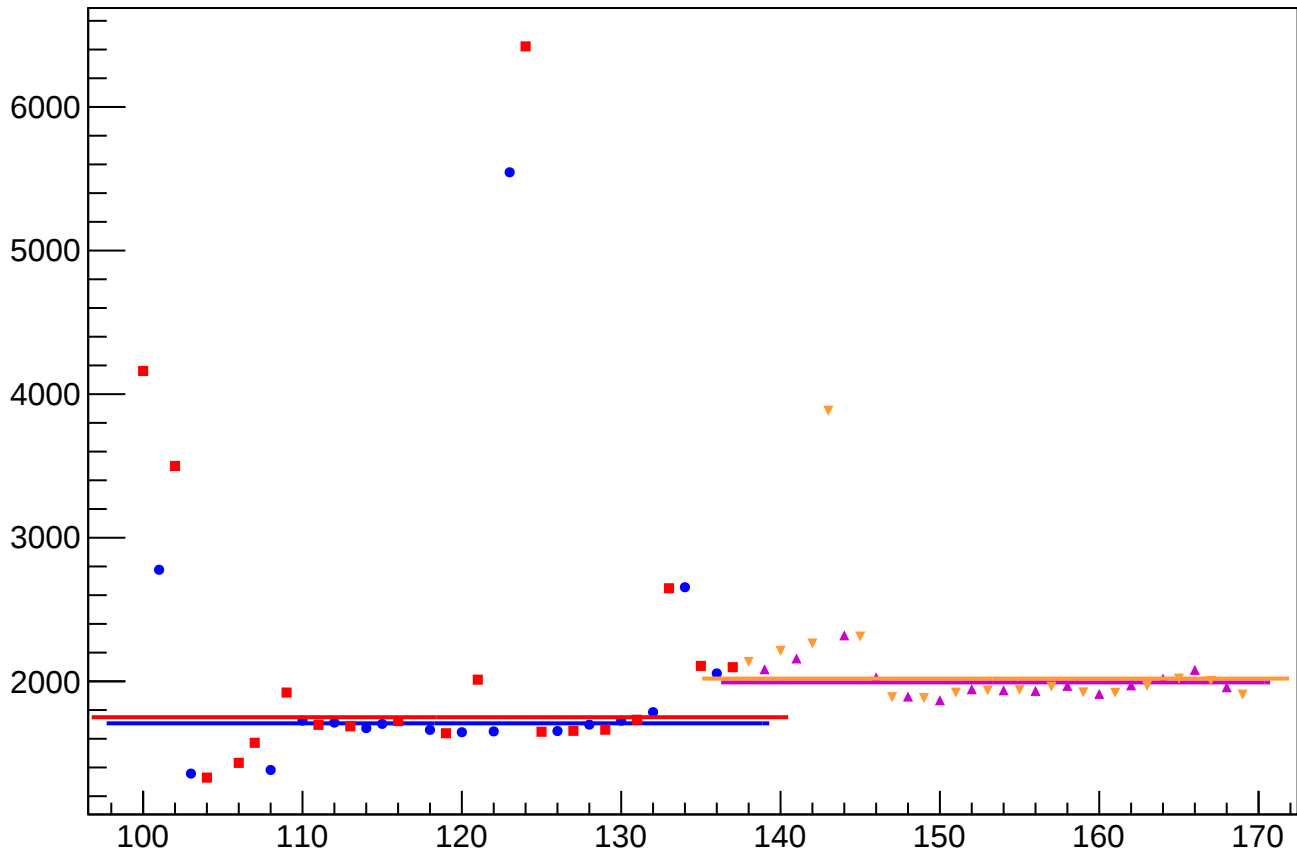
Right: 2582.696+/-479.575 χ^2/NDF : 27.3/35

In: 3067.705+/-440.187 χ^2/NDF : 14.0/31

Out: 1189.452+/-437.004 χ^2/NDF : 62.0/35

All: 2121.762+/-310.128 χ^2/NDF : 85.2/67

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2019.364 ± 0.402 χ^2/NDF : 448589.4/16

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

Left In: 1992.371 ± 0.411 χ^2/NDF : 69477.2/14

Left: 2006.161 ± 0.287 χ^2/NDF : 520269.5/31

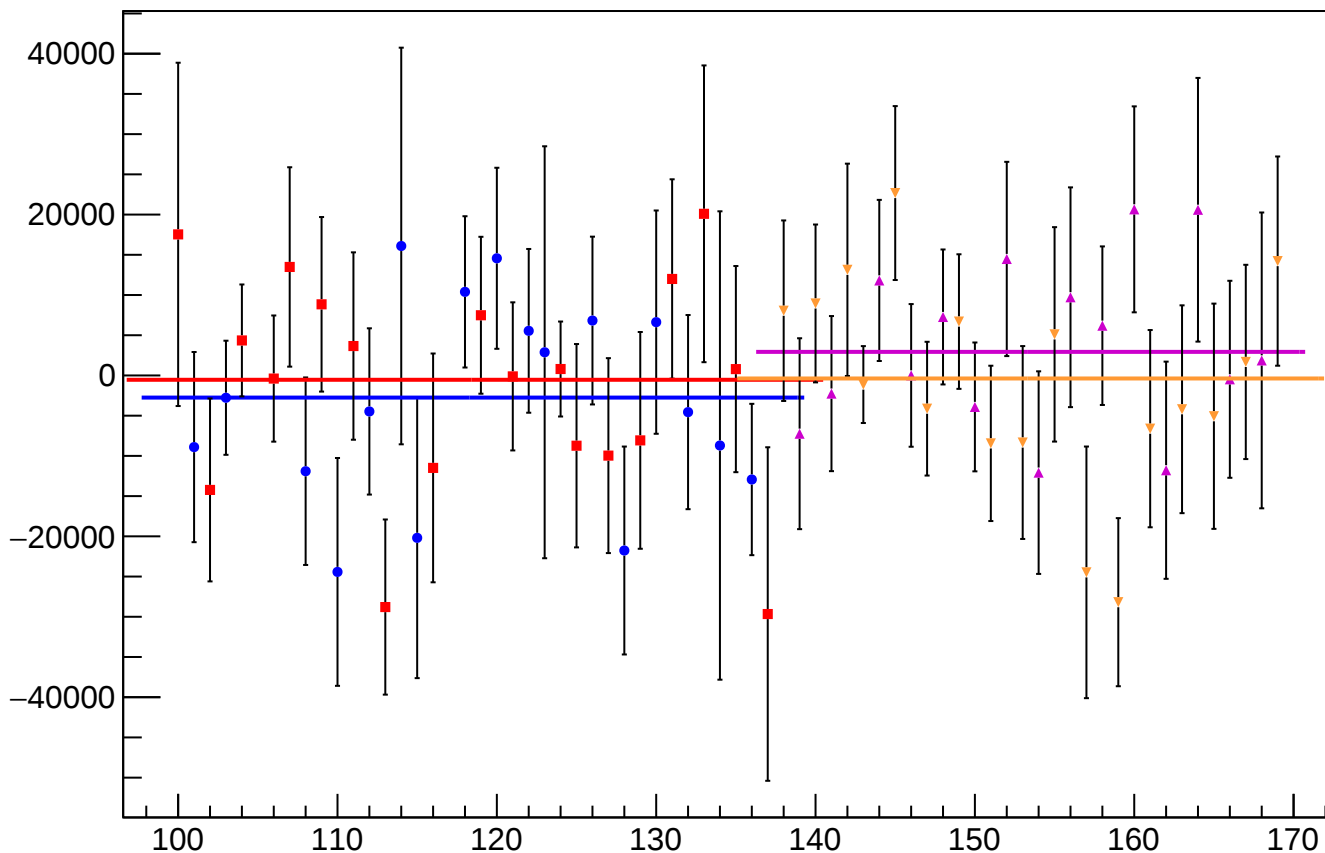
Right: 1728.481 ± 0.339 χ^2/NDF : 1172634.0/35

In: 1870.778 ± 0.311 χ^2/NDF : 696709.9/31

Out: 1908.983 ± 0.309 χ^2/NDF : 1378779.1/35

All: 1890.021 ± 0.219 χ^2/NDF : 2083077.5/67

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 ± 2842.399 $\chi^2/\text{NDF}: 14.6/16$

Left Out: -376.139 ± 2409.668 $\chi^2/\text{NDF}: 20.5/16$

Right Out: -538.445 ± 2424.977 $\chi^2/\text{NDF}: 18.5/18$

Left In: 2931.304 ± 2838.687 $\chi^2/\text{NDF}: 10.0/14$

Left: 1009.016 ± 1837.047 $\chi^2/\text{NDF}: 31.3/31$

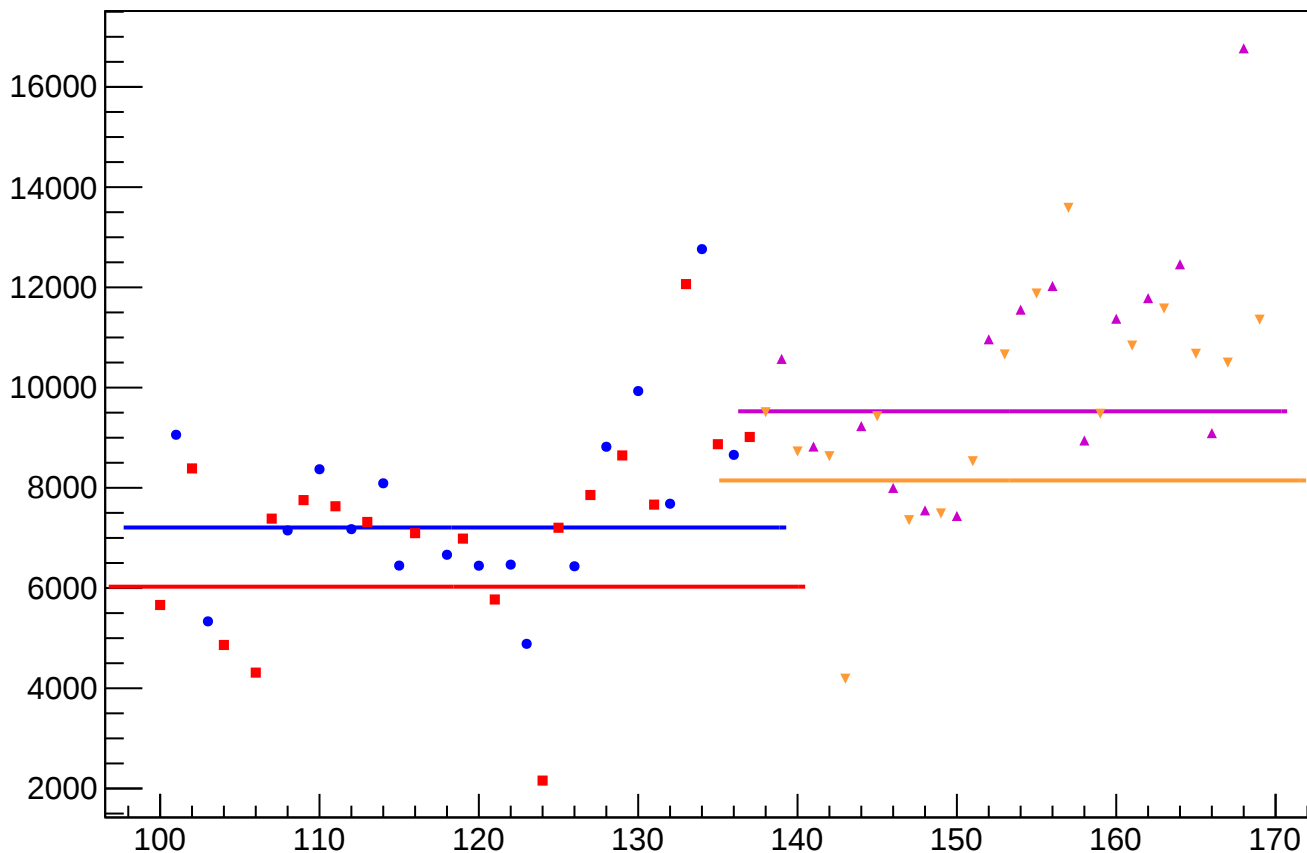
Right: -1470.363 ± 1844.820 $\chi^2/\text{NDF}: 33.4/35$

In: 94.003 ± 2008.566 $\chi^2/\text{NDF}: 26.5/31$

Out: -456.778 ± 1709.280 $\chi^2/\text{NDF}: 39.0/35$

All: -225.440 ± 1301.728 $\chi^2/\text{NDF}: 65.6/67$

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

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

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

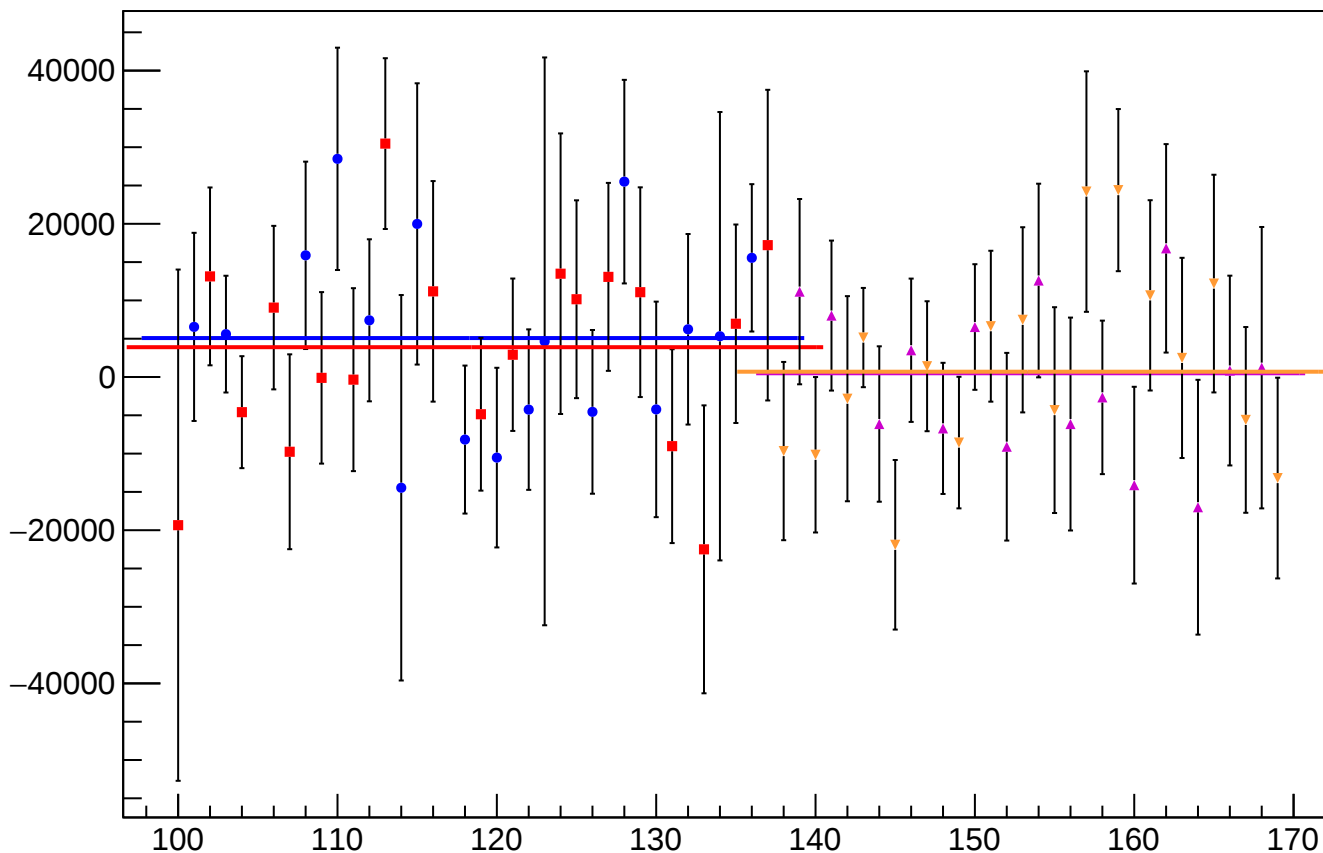
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

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

Out: 7093.948+/-1.209 χ^2/NDF : 5056958.8/35

All: 7629.551+/-0.920 χ^2/NDF : 7647526.8/67

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

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

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

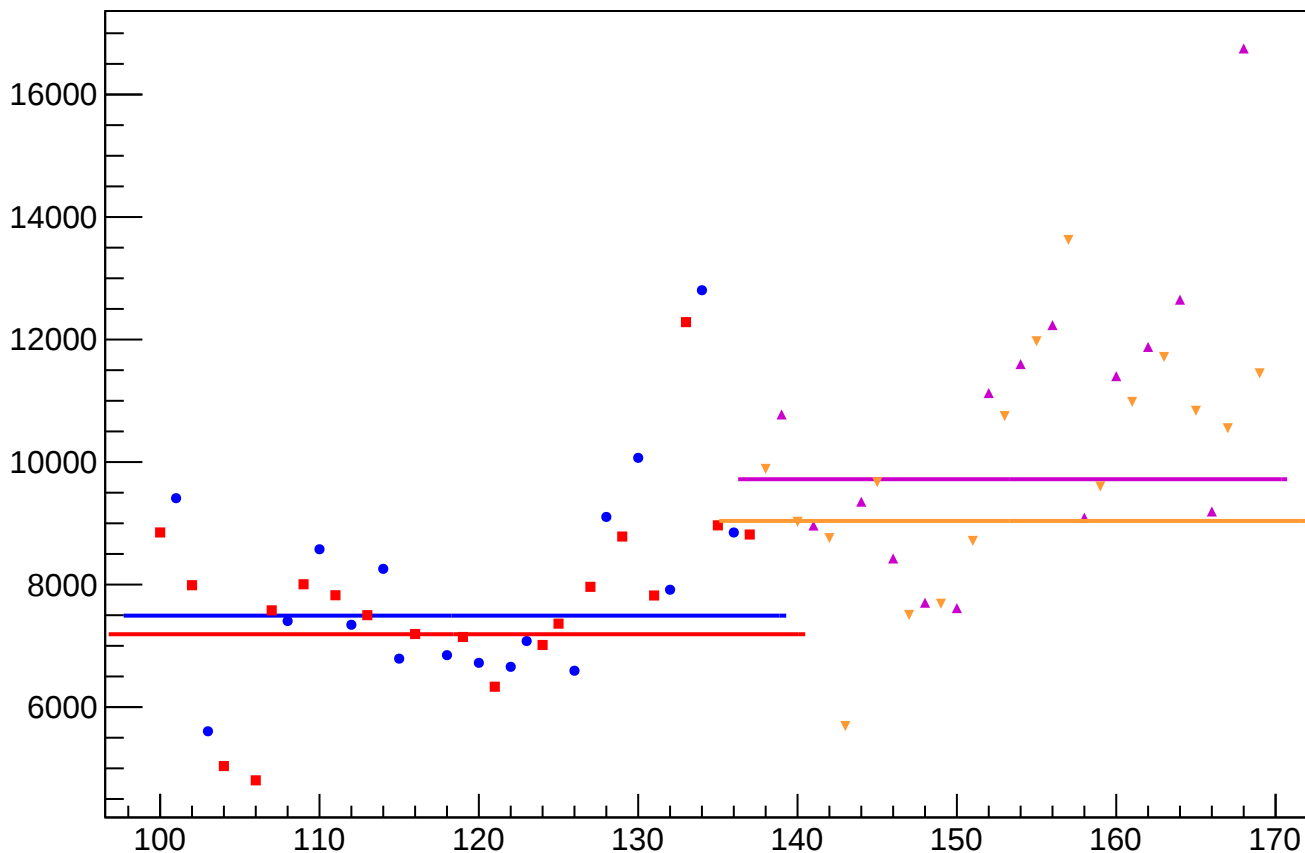
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

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

Out: 2180.359+/-1902.949 χ^2/NDF : 35.0/35

All: 2435.470+/-1400.001 χ^2/NDF : 59.1/67

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

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

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

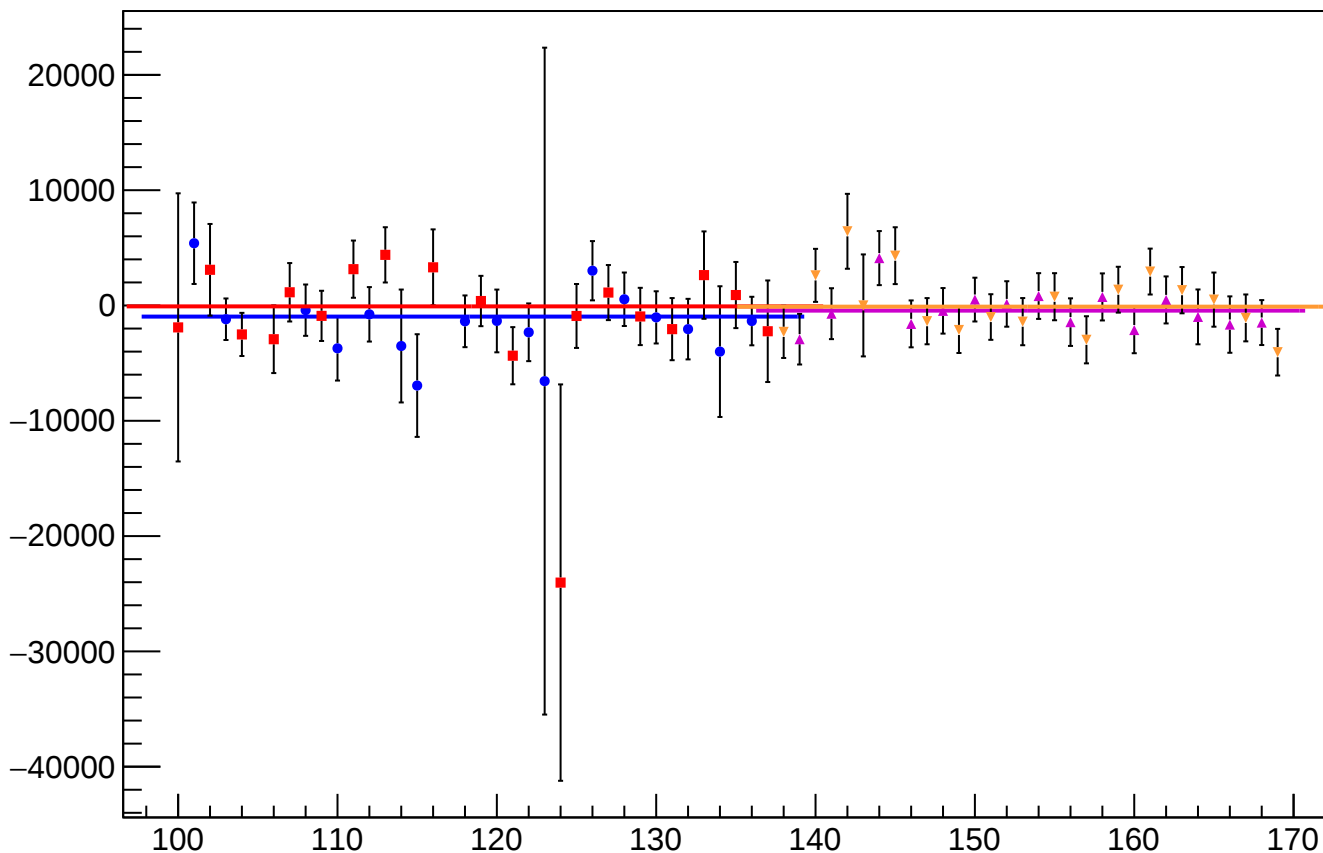
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

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

Out: 8178.789+/-1.346 χ^2/NDF :2275975.0/35

All: 8385.949+/-0.990 χ^2/NDF : 4243048.7/67

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -101.023+/-527.764 χ^2/NDF :21.3/16

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

Left In: -444.863+/-538.329 χ^2/NDF :8.2/14

Left: -269.536+/-376.865 χ^2/NDF : 29.7/31

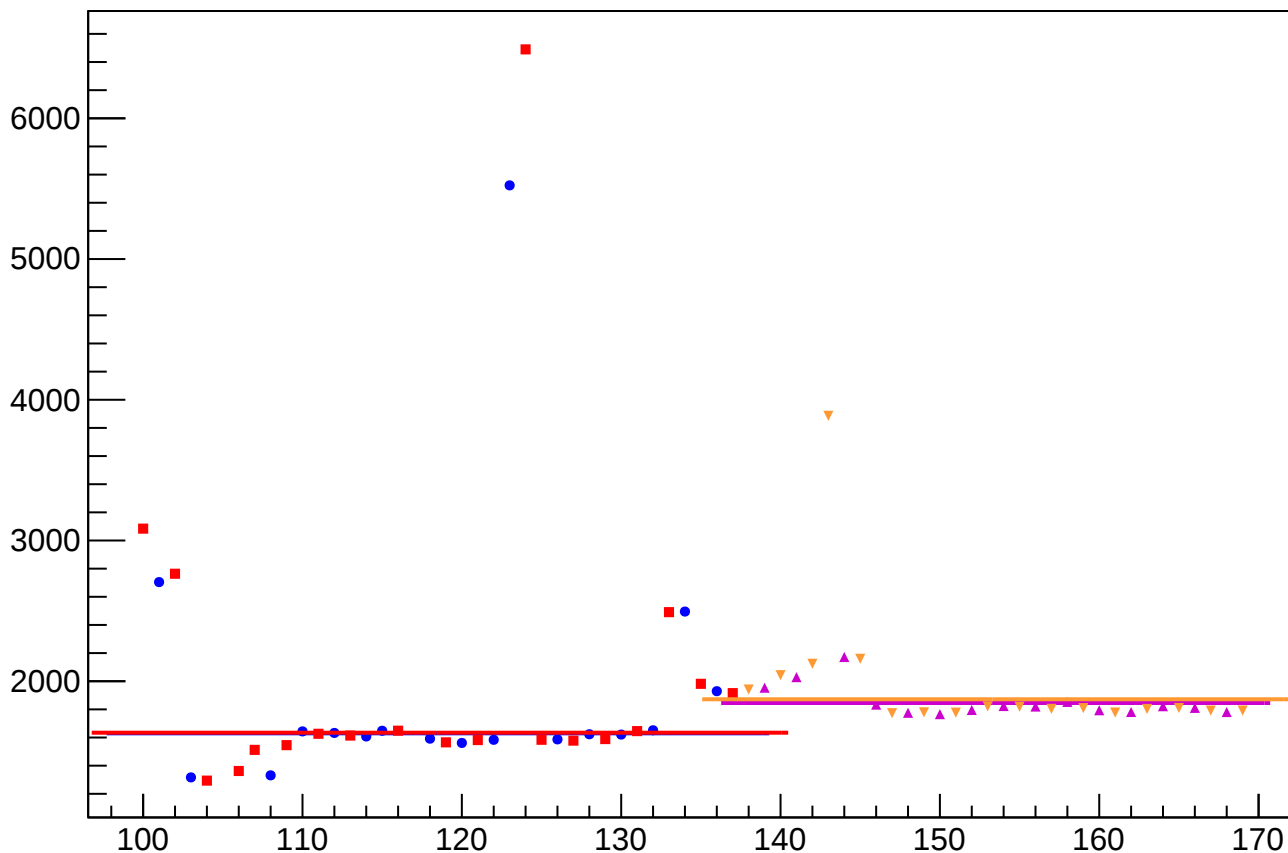
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -658.181+/-412.773 χ^2/NDF :18.6/31

Out: -91.077+/-405.483 χ^2/NDF :38.0/35

All: -369.577+/-289.263 χ^2/NDF : 57.6/67

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

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

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

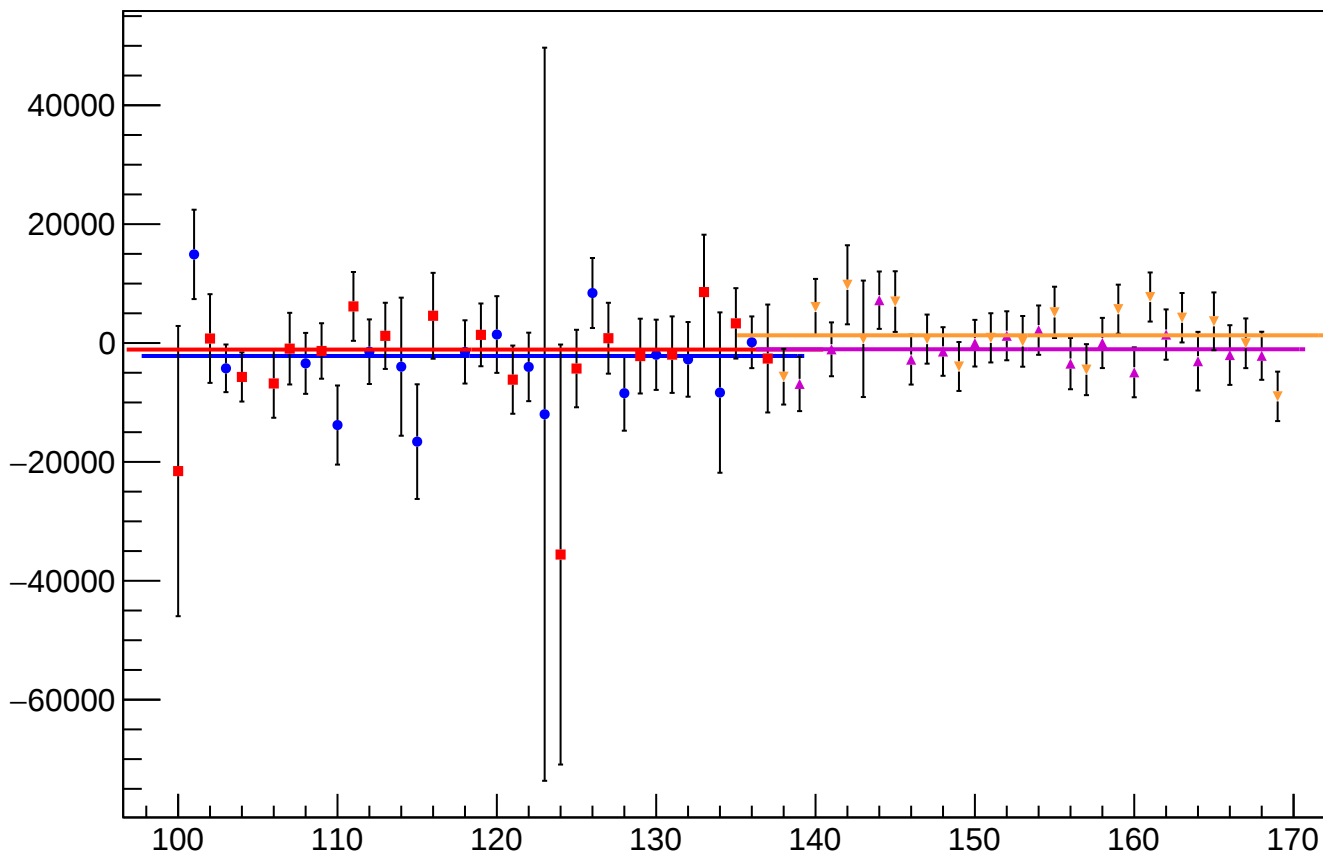
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

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

Out: 1774.461+/-0.287 χ^2/NDF : 1256851.3/35

All: 1765.685+/-0.205 χ^2/NDF : 1870312.3/67

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 $\pm$ 1493.026 χ^2/NDF : 16.0/16

Left Out: 1297.626 $\pm$ 1095.483 χ^2/NDF : 20.9/16

Right Out: -1098.345 $\pm$ 1439.820 χ^2/NDF : 9.3/18

Left In: -1047.417 $\pm$ 1116.659 χ^2/NDF : 7.5/14

Left: 147.550 $\pm$ 782.003 χ^2/NDF : 30.7/31

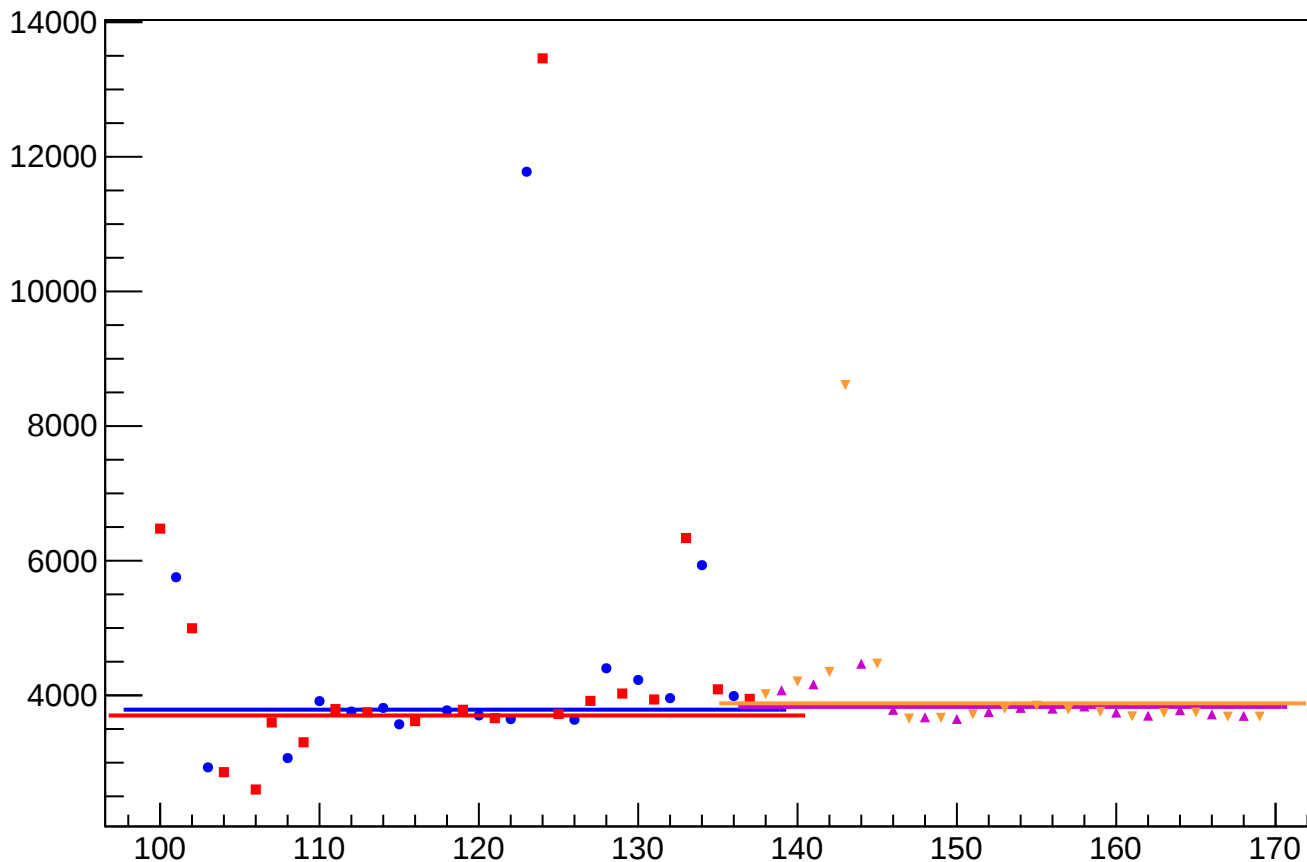
Right: -1619.192 $\pm$ 1036.406 χ^2/NDF : 25.5/35

In: -1453.425 $\pm$ 894.220 χ^2/NDF : 23.9/31

Out: 419.160 $\pm$ 871.826 χ^2/NDF : 32.0/35

All: -493.392 $\pm$ 624.241 χ^2/NDF : 58.1/67

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

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

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

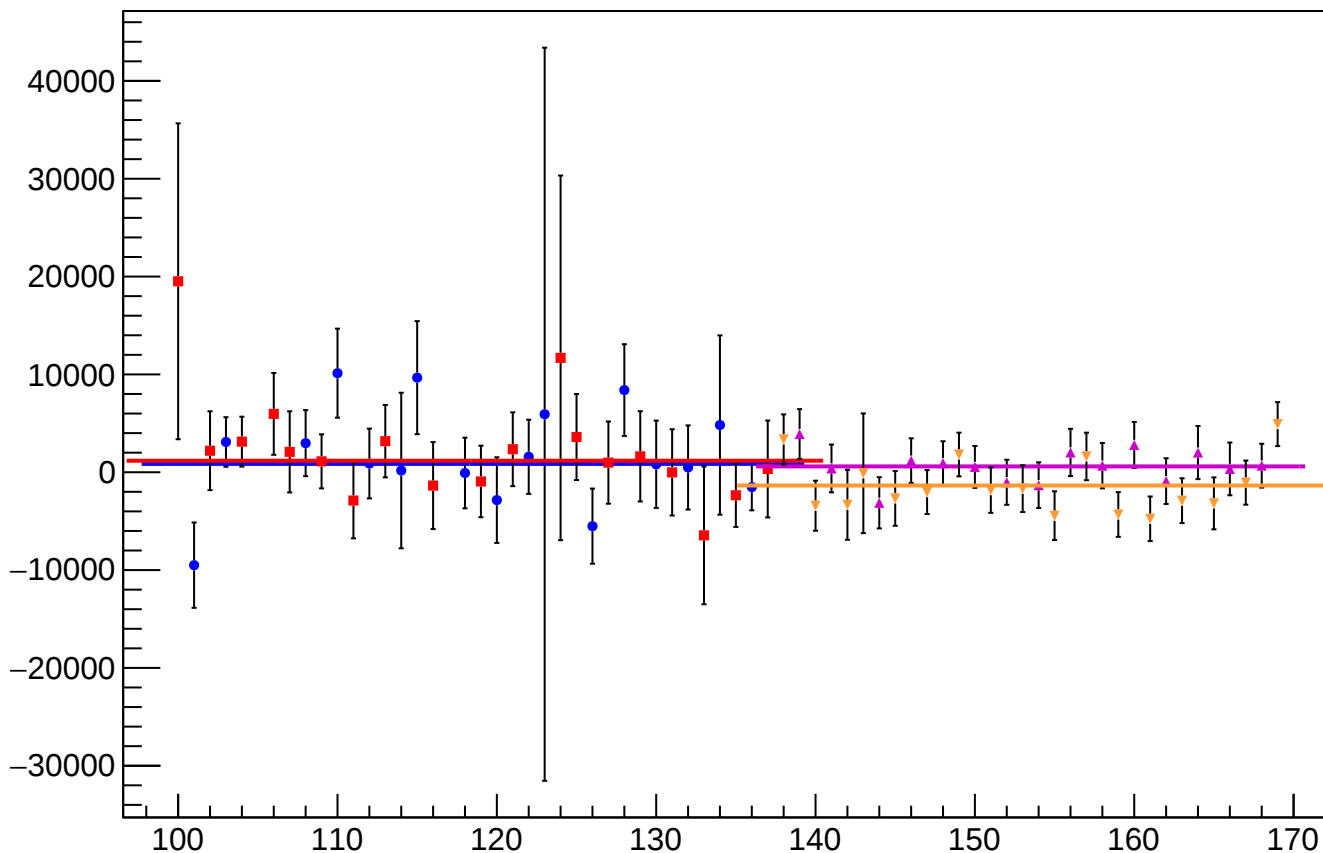
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3815.493+/-0.616 χ^2/NDF : 1150064.8/35

All: 3814.584+/-0.441 χ^2/NDF : 1609773.8/67

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1356.170+/-604.140 χ^2/NDF : 22.4/16

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

Left In: 596.368+/-615.085 χ^2/NDF : 6.9/14

Left: -397.428+/-431.009 χ^2/NDF : 34.5/31

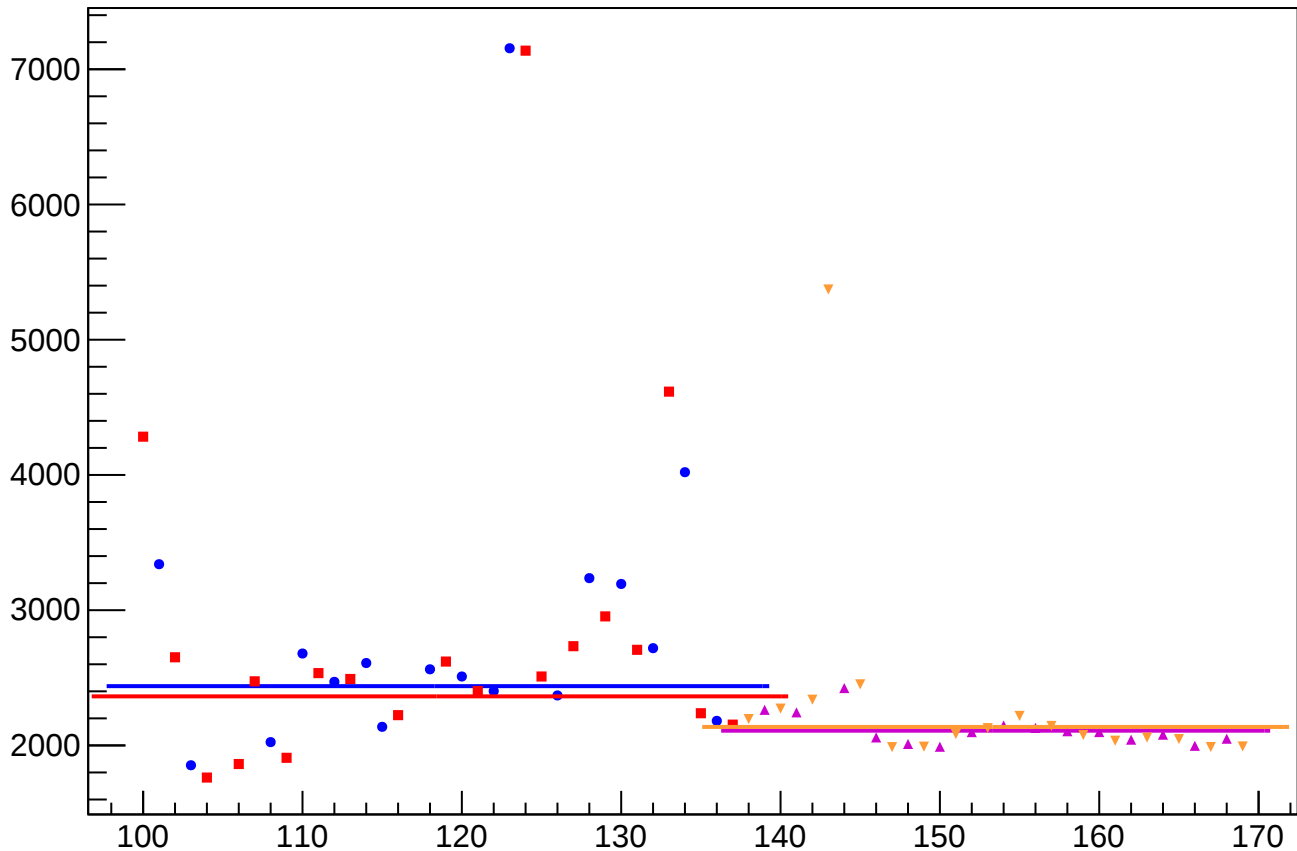
Right: 1023.765+/-667.934 χ^2/NDF : 29.3/35

In: 671.458+/-518.642 χ^2/NDF : 27.6/31

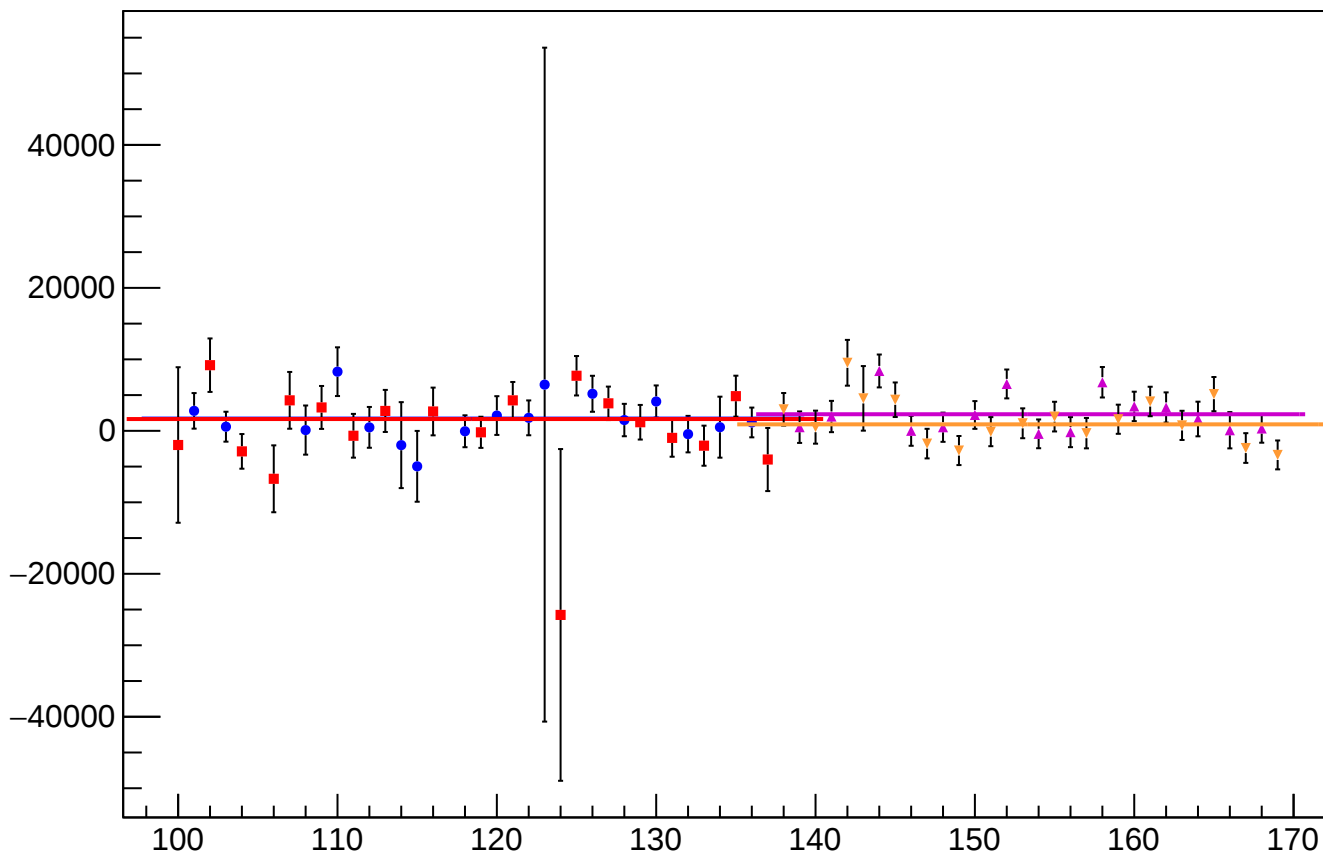
Out: -599.161+/-505.923 χ^2/NDF : 36.3/35

All: 20.379+/-362.155 χ^2/NDF : 66.9/67

asym_at2_dd_rms vs Slug, Sign Corrected



dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566 $\pm$ 667.149 χ^2 /NDF: 11.4/16

Left Out: 908.722 $\pm$ 537.340 χ^2 /NDF:29.3/16

Right Out: 1650.522 $\pm$ 694.283 χ^2 /NDF: 27.0/18

Left In: 2322.731 $\pm$ 549.349 χ^2 /NDF:24.1/14

Left: 1600.103 $\pm$ 384.132 χ^2 /NDF: 56.7/31

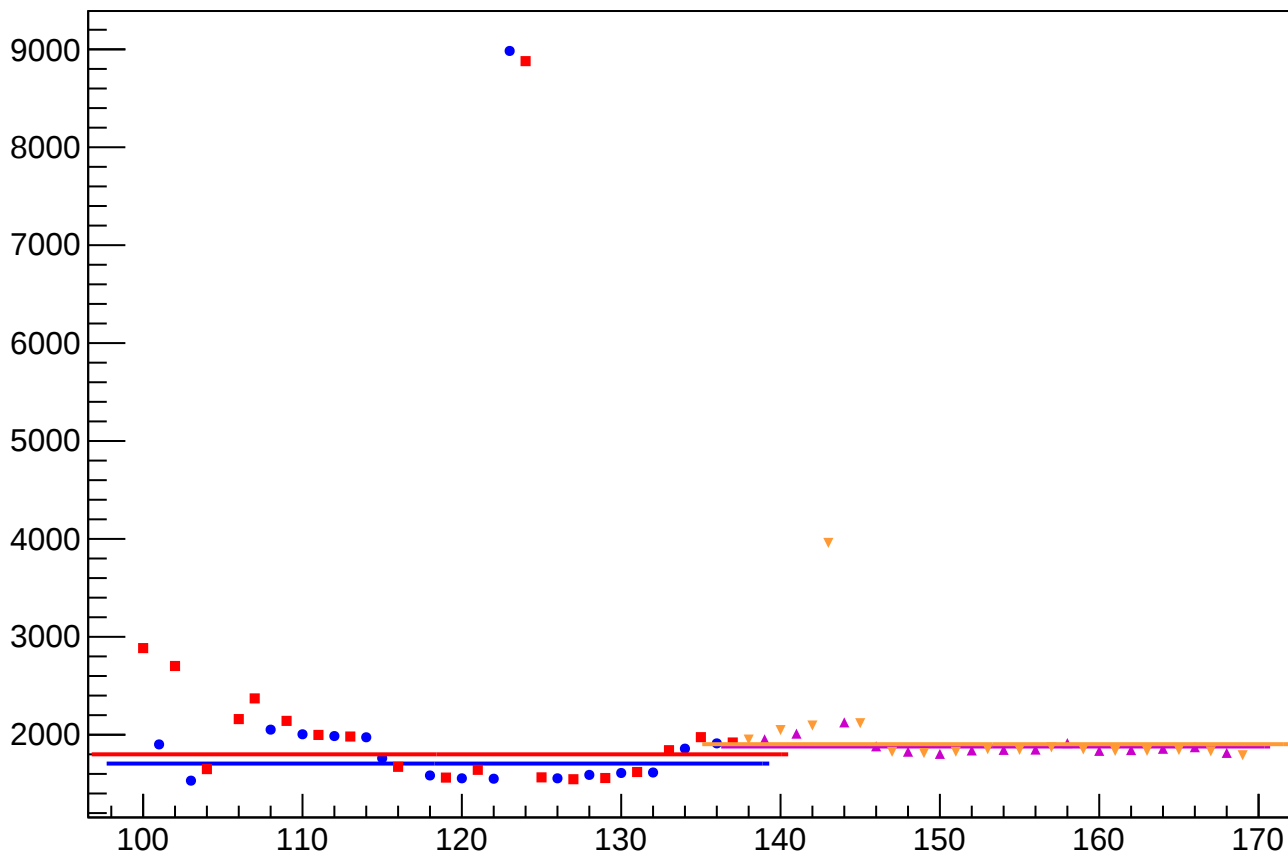
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

In: 2076.185 $\pm$ 424.080 χ^2 /NDF:35.9/31

Out: 1186.607 $\pm$ 424.938 χ^2 /NDF:56.9/35

All: 1632.294 $\pm$ 300.173 χ^2 /NDF: 95.1/67

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

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

Left: 1891.890 +/- 0.272 χ^2/NDF : 519096.1/31

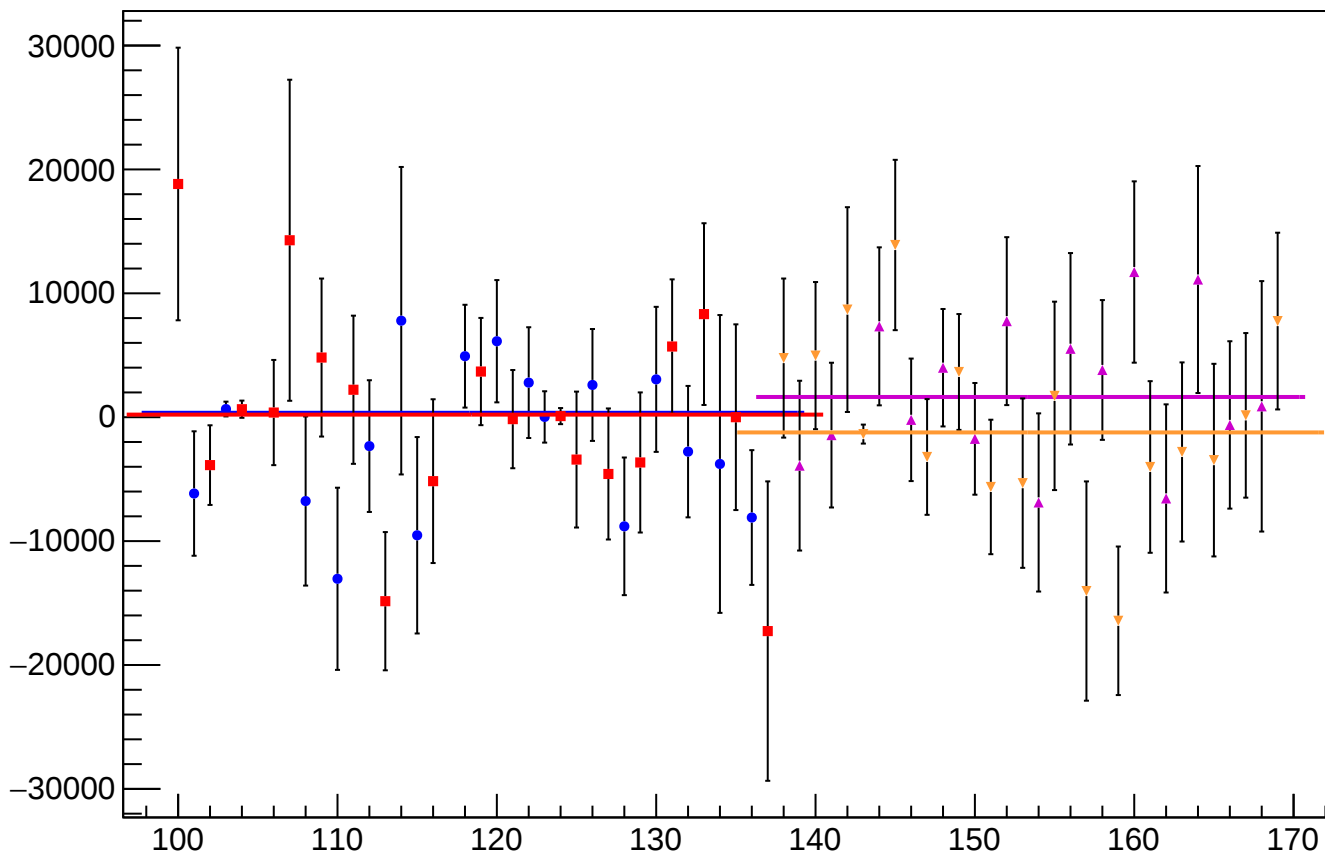
Right: 1751.031 +/- 0.340 χ^2/NDF : 752208.6/35

In: 1809.358 +/- 0.300 χ^2/NDF : 318246.3/31

Out: 1864.656 +/- 0.300 χ^2/NDF : 1040922.7/35

All: 1836.974 +/- 0.212 χ^2/NDF : 1376151.6/67

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

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

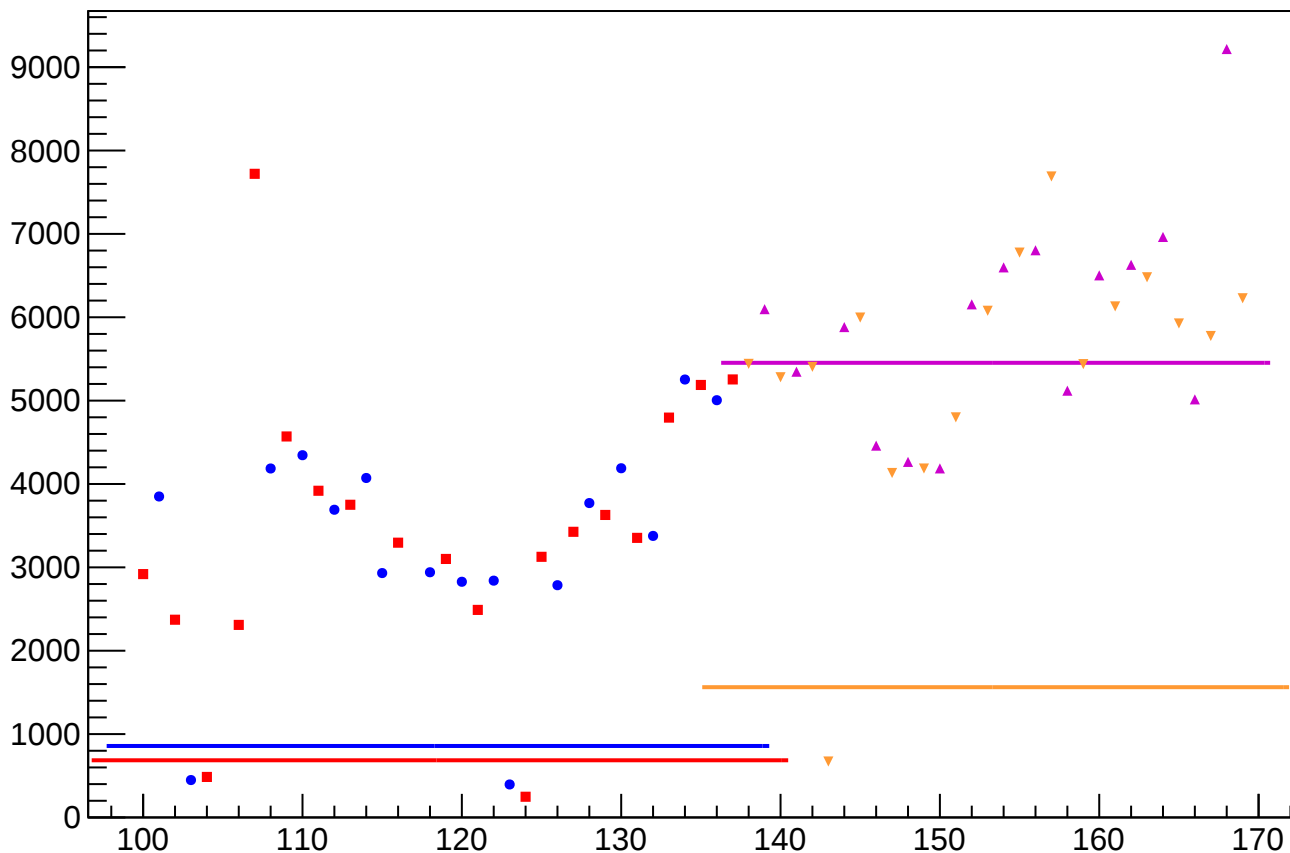
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

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

Out: -214.024 $\pm$ 375.056 χ^2 /NDF:45.6/35

All: 32.073 $\pm$ 301.443 χ^2 /NDF: 74.4/67

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

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

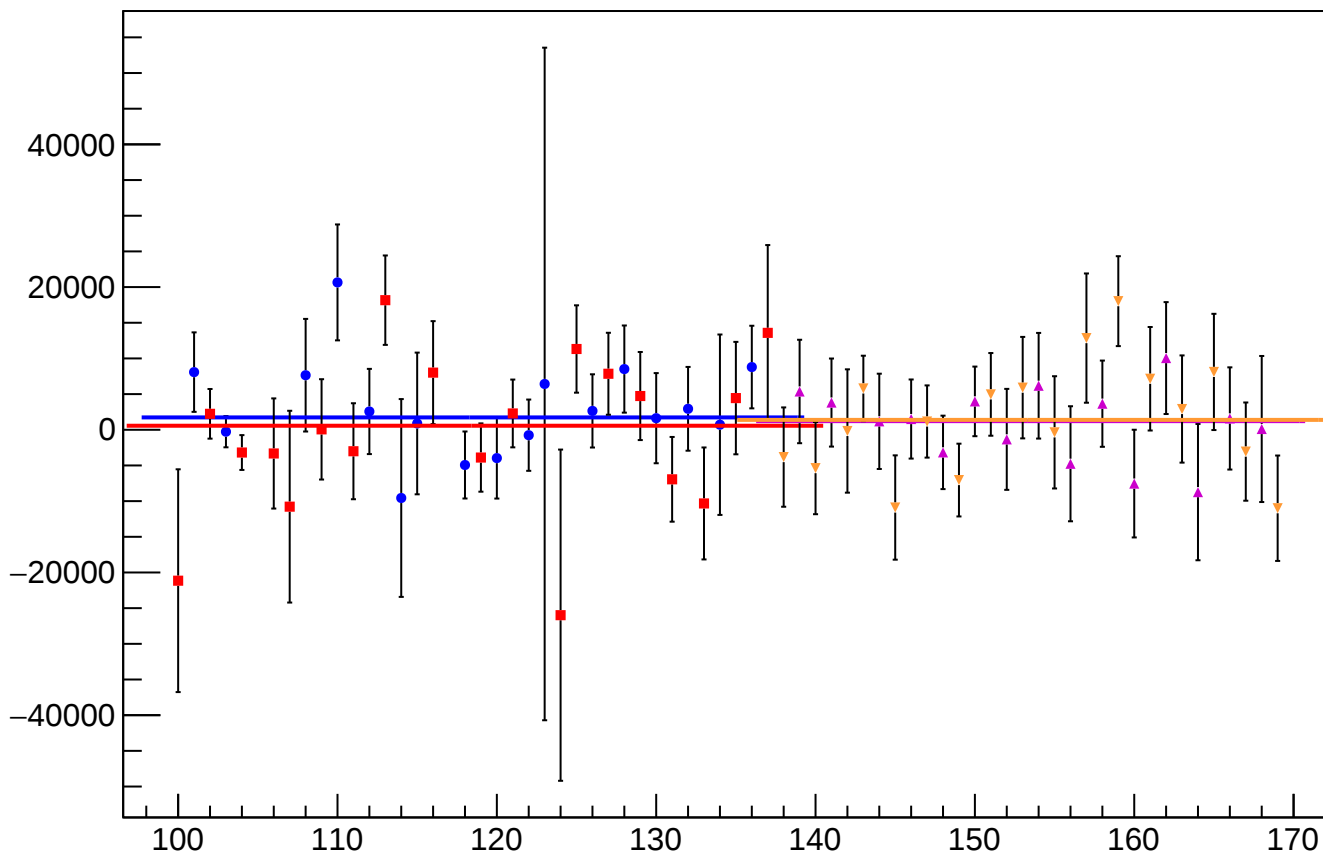
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

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

Out: 944.288 $\pm$ 0.265 χ^2 /NDF: 26858331.8/35

All: 1071.728 $\pm$ 0.213 χ^2 /NDF: 51092483.9/6

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

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

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

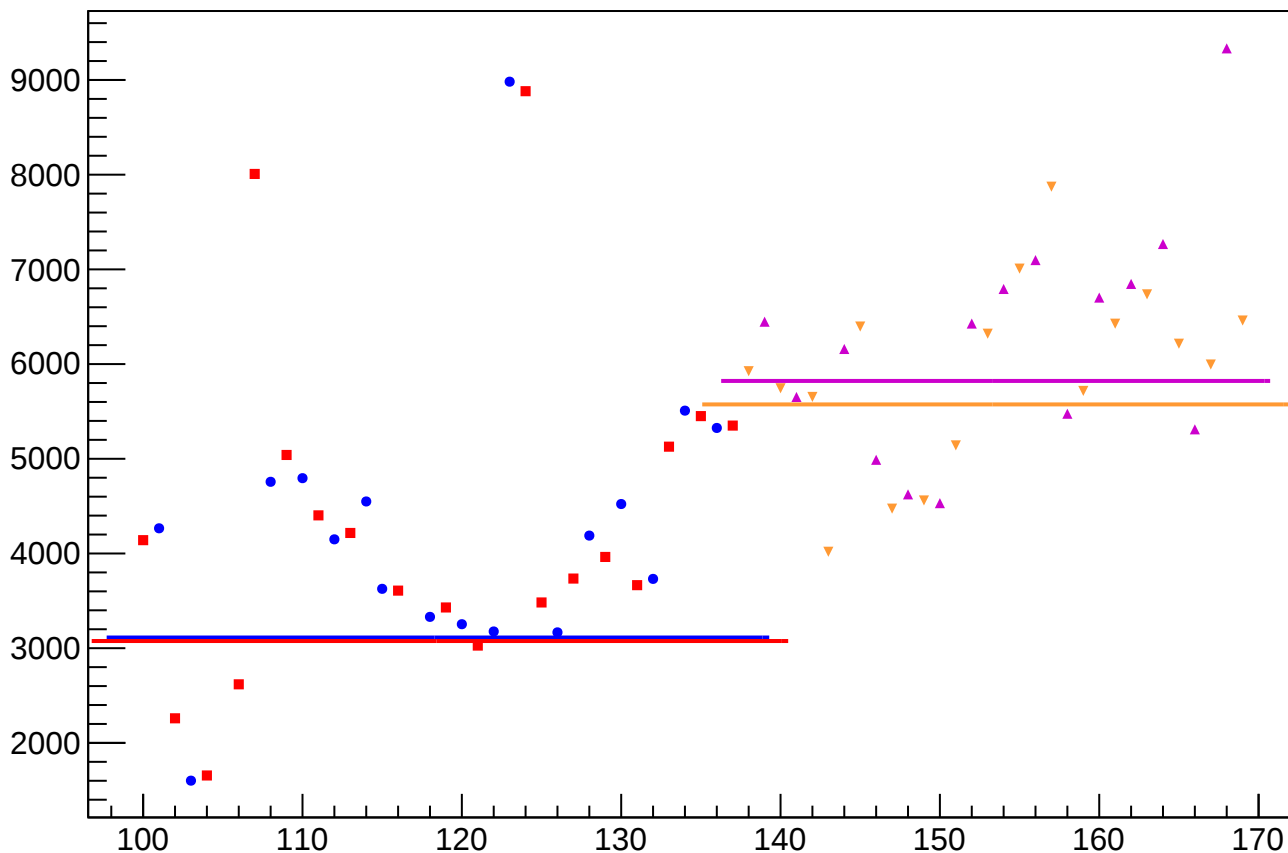
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 891.603+/-999.738 χ^2/NDF : 49.4/35

All: 1204.271+/-721.138 χ^2/NDF : 71.1/67

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

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

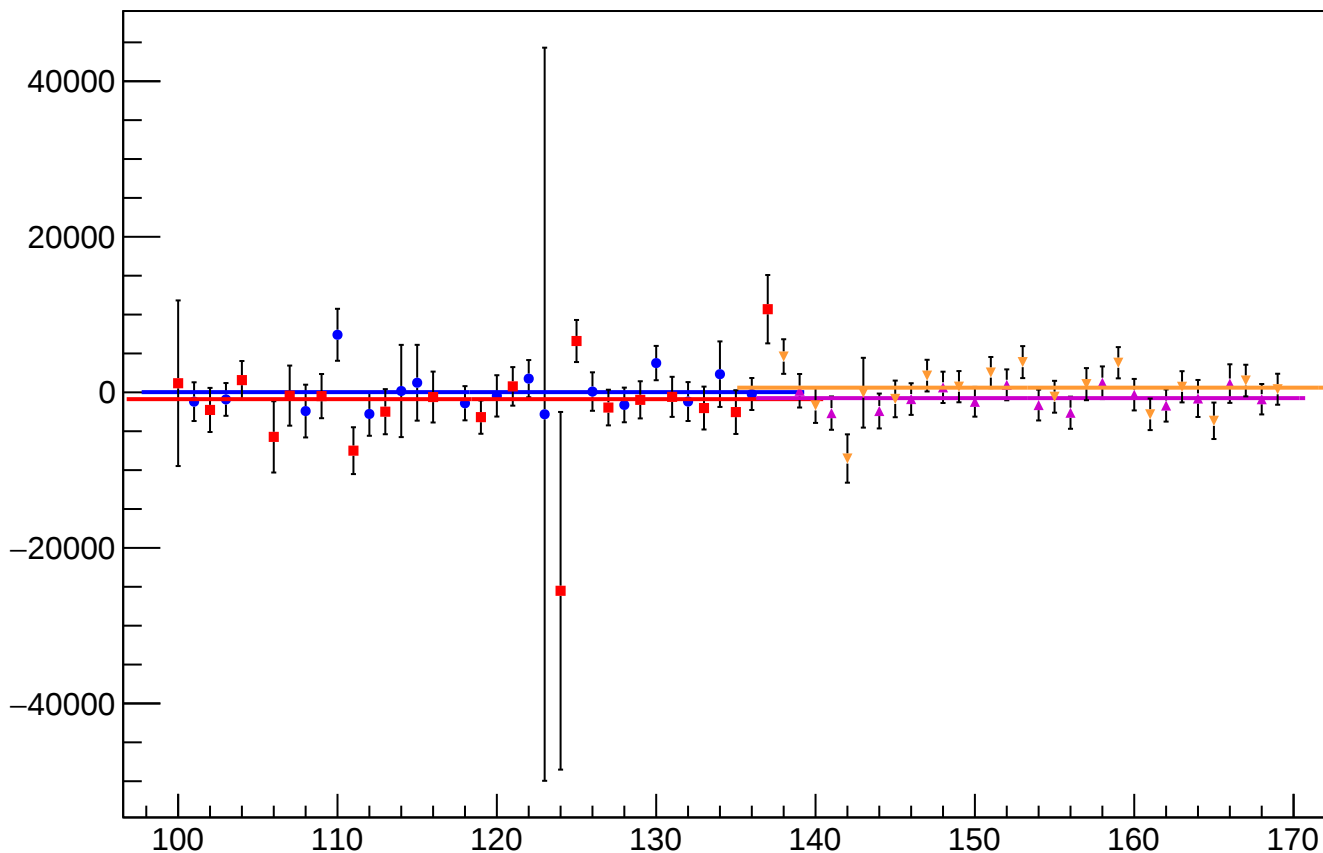
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

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

Out: 4047.557 $\pm$ 0.701 χ^2 /NDF: 5822565.6/35

All: 4070.695 $\pm$ 0.508 χ^2 /NDF: 11614283.9/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 $\pm$ 658.403 χ^2/NDF : 11.8/16

Left Out: 602.469 $\pm$ 527.170 χ^2/NDF : 26.6/16

Right Out: -874.470 $\pm$ 673.273 χ^2/NDF : 25.7/18

Left In: -743.486 $\pm$ 539.015 χ^2/NDF : 5.6/14

Left: -55.557 $\pm$ 376.884 χ^2/NDF : 35.4/31

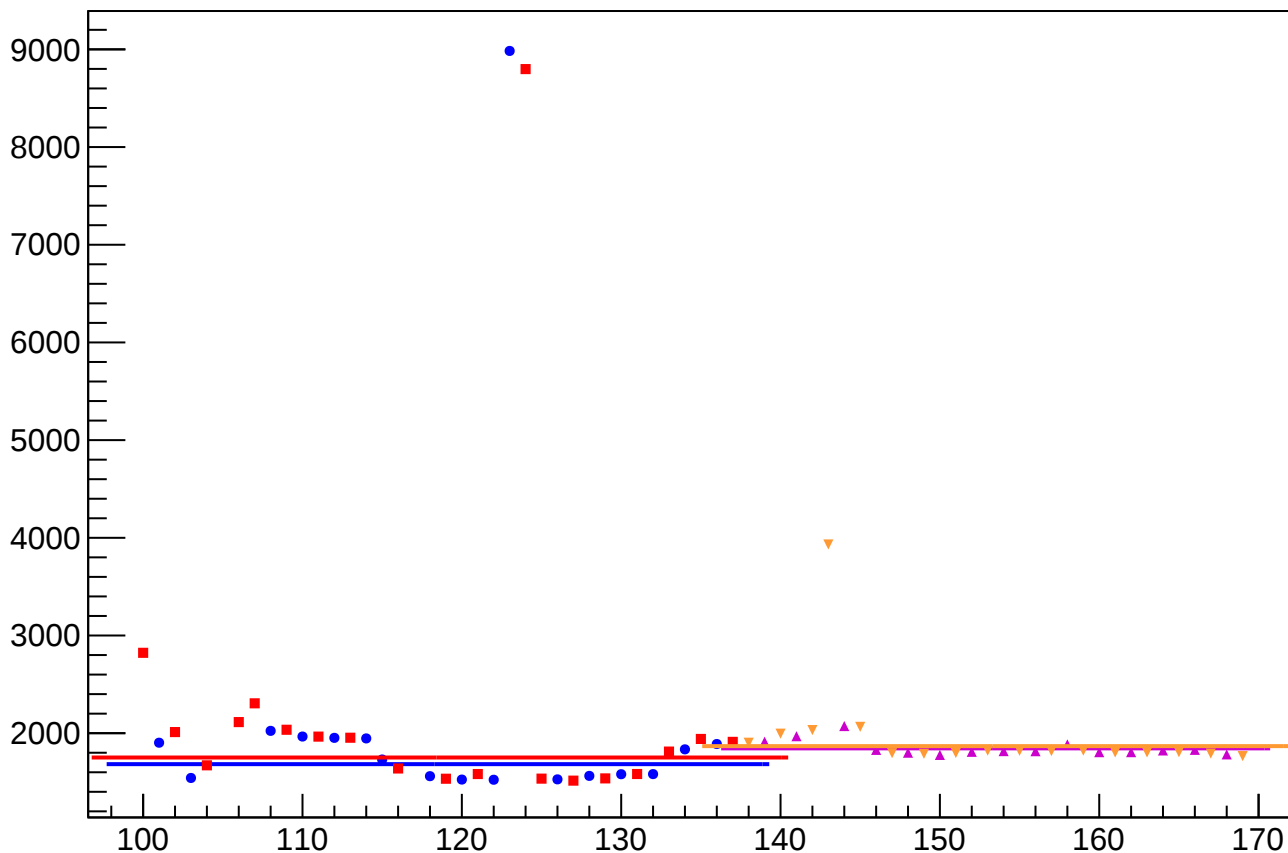
Right: -412.596 $\pm$ 470.731 χ^2/NDF : 38.4/35

In: -433.464 $\pm$ 417.075 χ^2/NDF : 18.2/31

Out: 41.130 $\pm$ 415.071 χ^2/NDF : 55.3/35

All: -195.024 $\pm$ 294.205 χ^2/NDF : 74.2/67

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

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

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

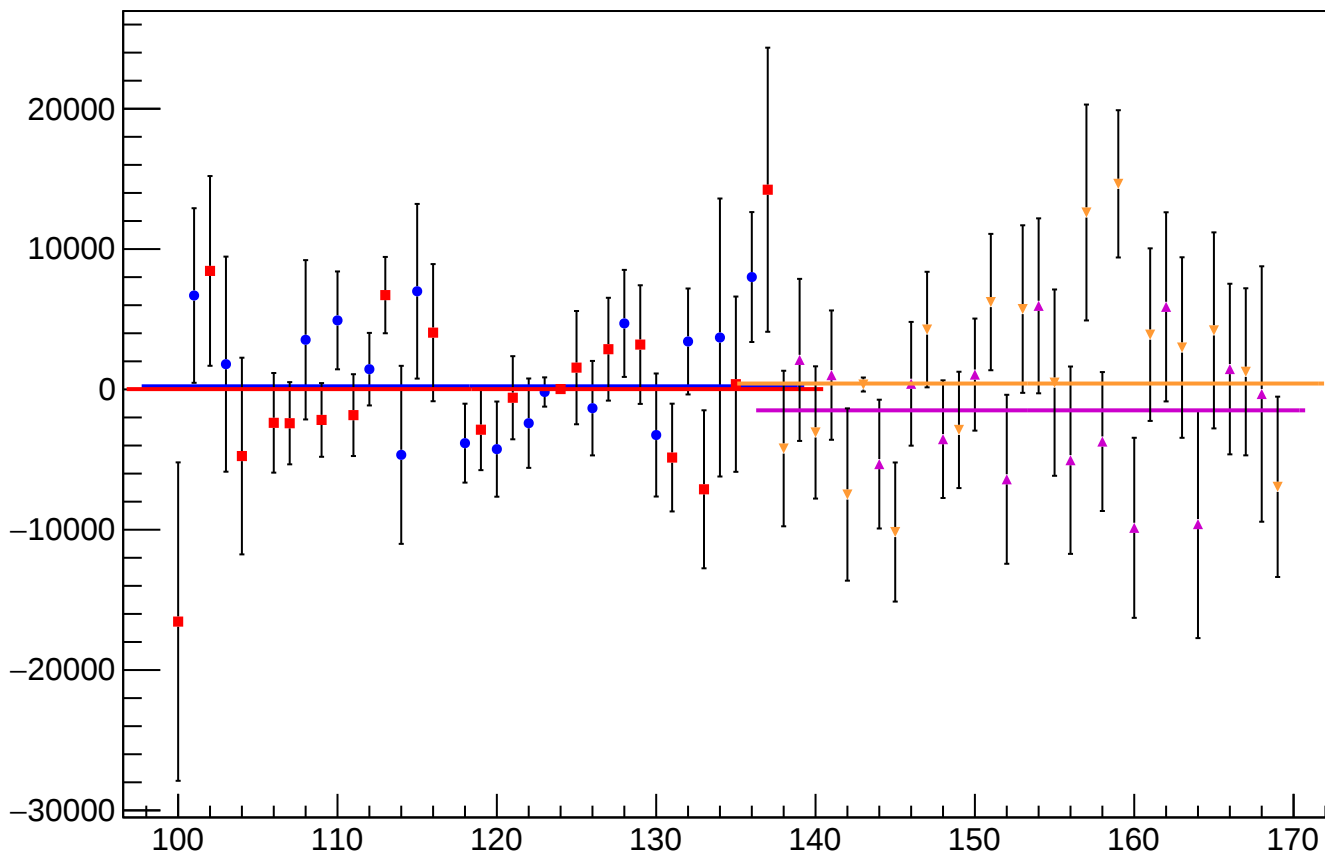
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1823.170+/-0.293 χ^2/NDF : 940111.3/35

All: 1801.612+/-0.208 χ^2/NDF : 1257741.5/67

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

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

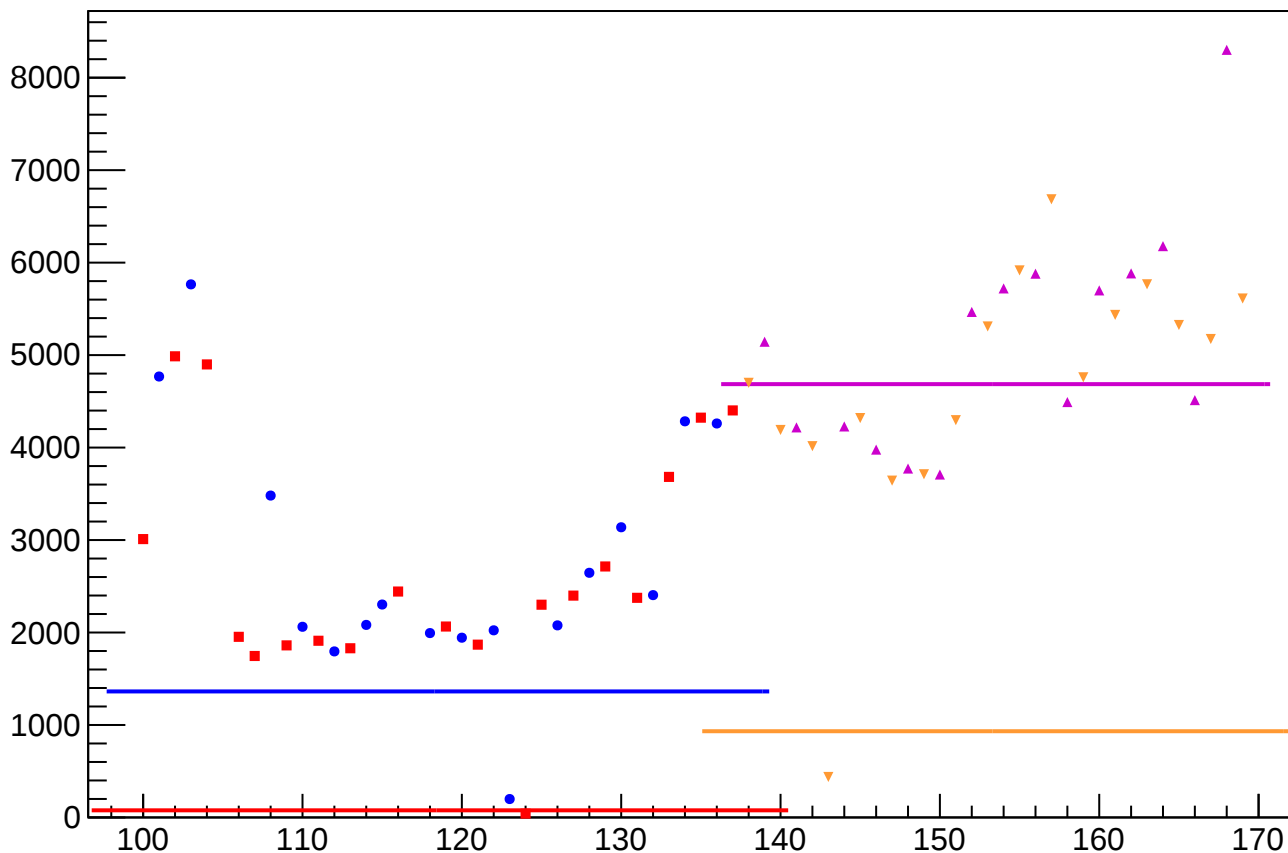
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

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

Out: 42.489 $\pm$ 110.895 χ^2 /NDF:44.6/35

All: 37.165 $\pm$ 109.270 χ^2 /NDF: 70.6/67

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: 77.129+/-0.081 χ^2/NDF : 13248048.9/18

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

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

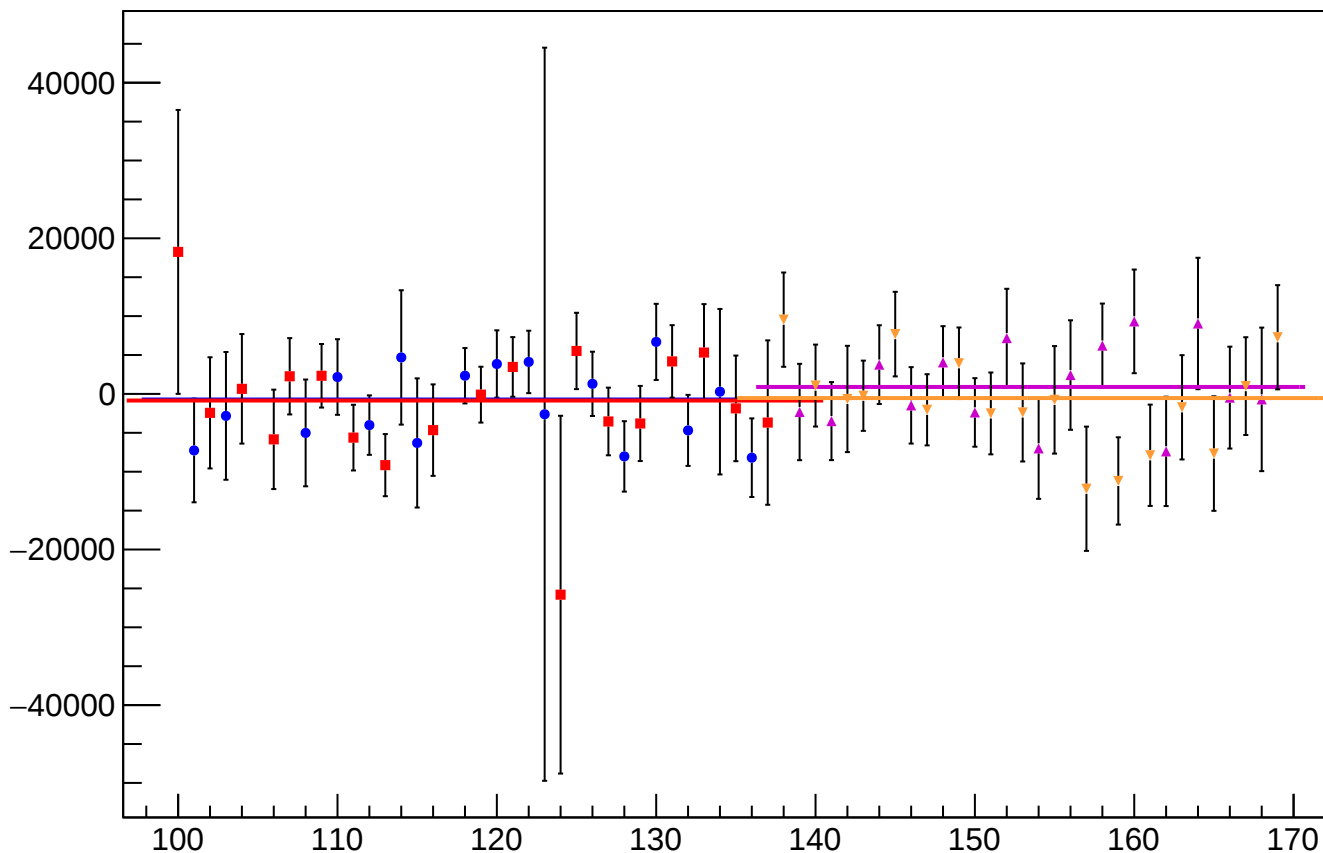
Right: 108.564+/-0.080 χ^2/NDF : 25689718.3/35

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

Out: 124.921+/-0.078 χ^2/NDF : 36981922.2/35

All: 181.285+/-0.077 χ^2/NDF : 70889524.0/67

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: -849.844+/-1191.907 χ^2/NDF : 16.0/18

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

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

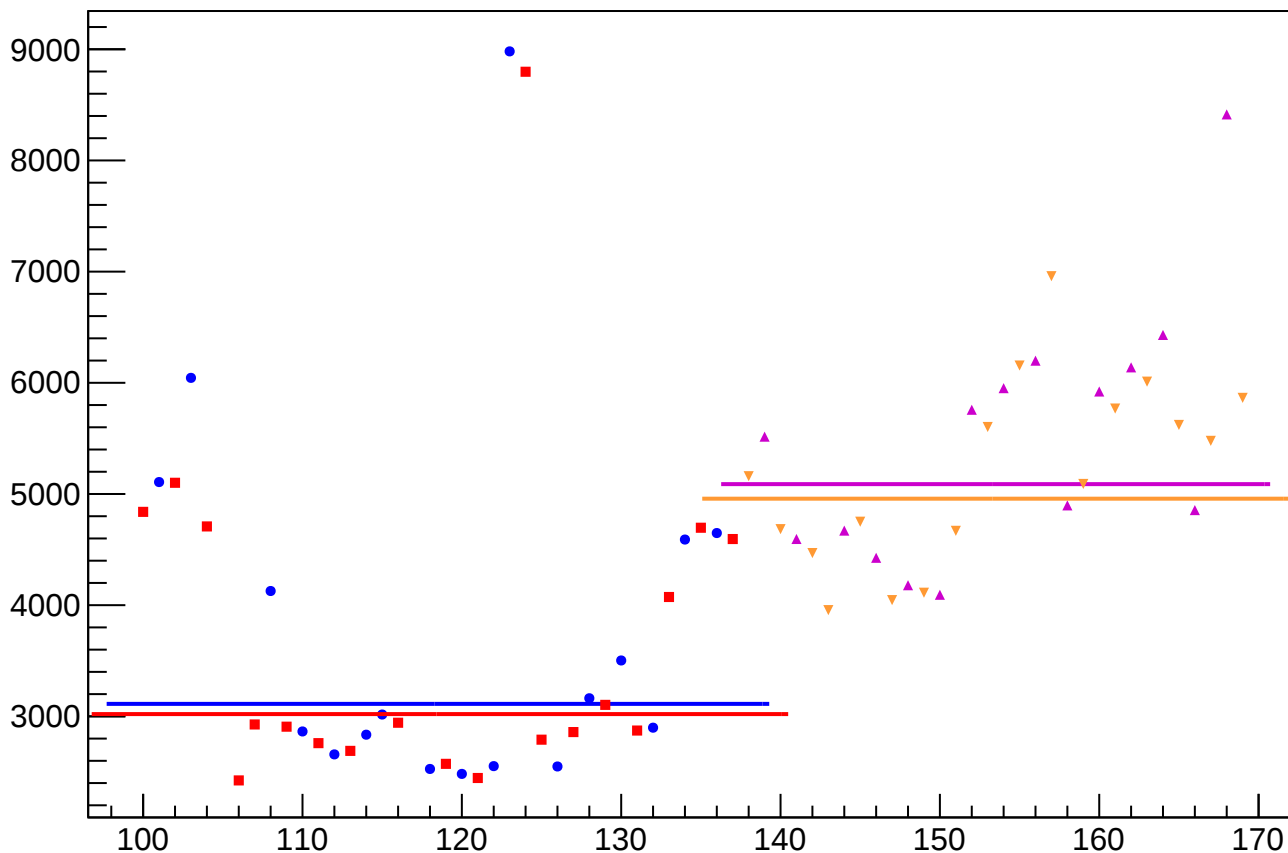
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

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

Out: -718.082+/-909.773 χ^2/NDF :31.9/35

All: -409.227+/-661.603 χ^2/NDF : 57.6/67

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 ± 0.886 $\chi^2/\text{NDF}: 958497.7/16$

Left Out: 4957.812 ± 0.996 $\chi^2/\text{NDF}: 627246.7/16$

Right Out: 3020.363 ± 0.832 $\chi^2/\text{NDF}: 794218.3/18$

Left In: 5088.686 ± 1.067 $\chi^2/\text{NDF}: 756128.3/14$

Left: 5018.717 ± 0.728 $\chi^2/\text{NDF}: 1391414.3/31$

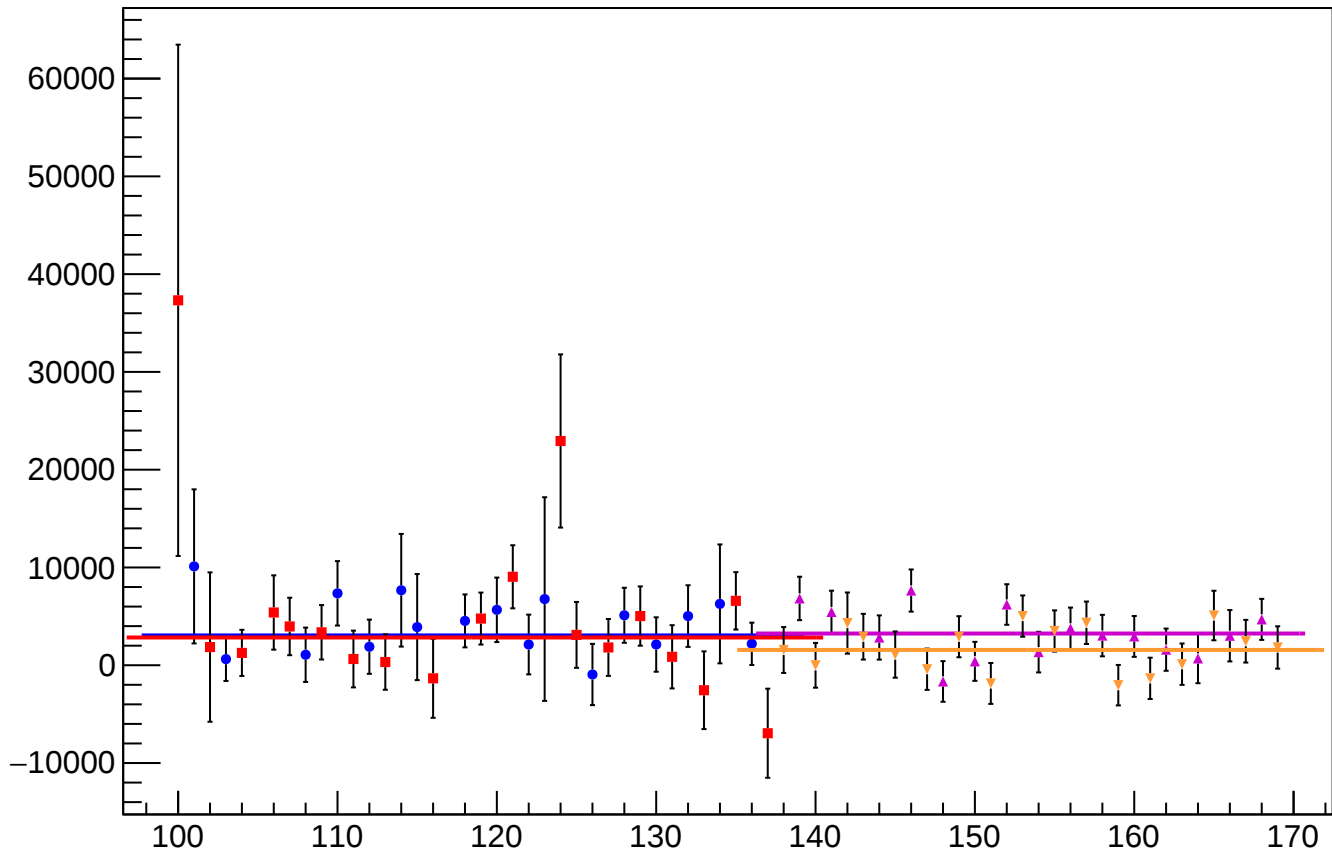
Right: 3063.446 ± 0.607 $\chi^2/\text{NDF}: 1758429.8/35$

In: 3918.242 ± 0.682 $\chi^2/\text{NDF}: 3745546.2/31$

Out: 3817.227 ± 0.639 $\chi^2/\text{NDF}: 3650202.8/35$

All: 3864.451 ± 0.466 $\chi^2/\text{NDF}: 7407446.7/67$

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1565.376+/-539.268 χ^2/NDF :18.3/16

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

Left In: 3244.657+/-560.176 χ^2/NDF :20.5/14

Left: 2373.093+/-388.501 χ^2/NDF : 43.4/31

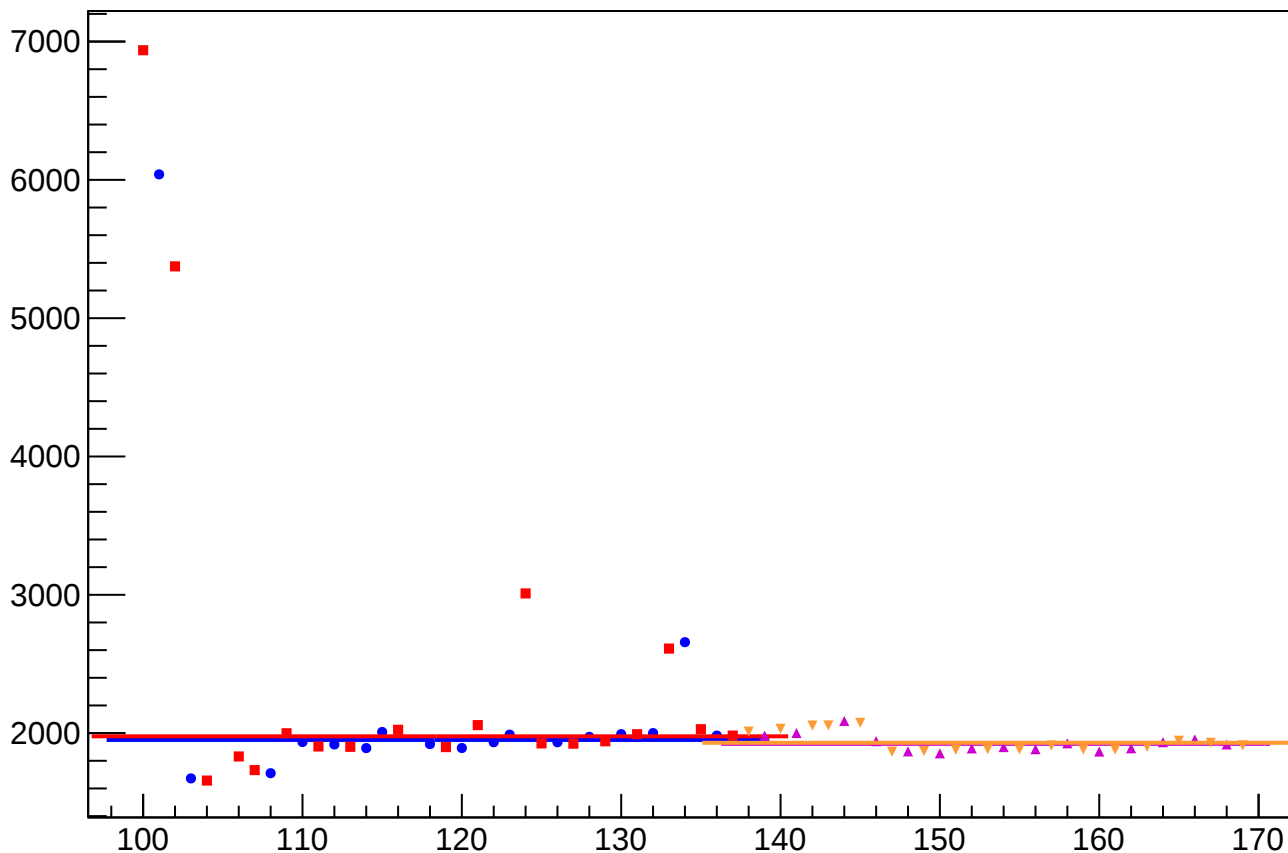
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3177.237+/-453.456 χ^2/NDF :29.8/31

Out: 1987.427+/-440.932 χ^2/NDF :43.9/35

All: 2565.674+/-316.121 χ^2/NDF : 77.3/67

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

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

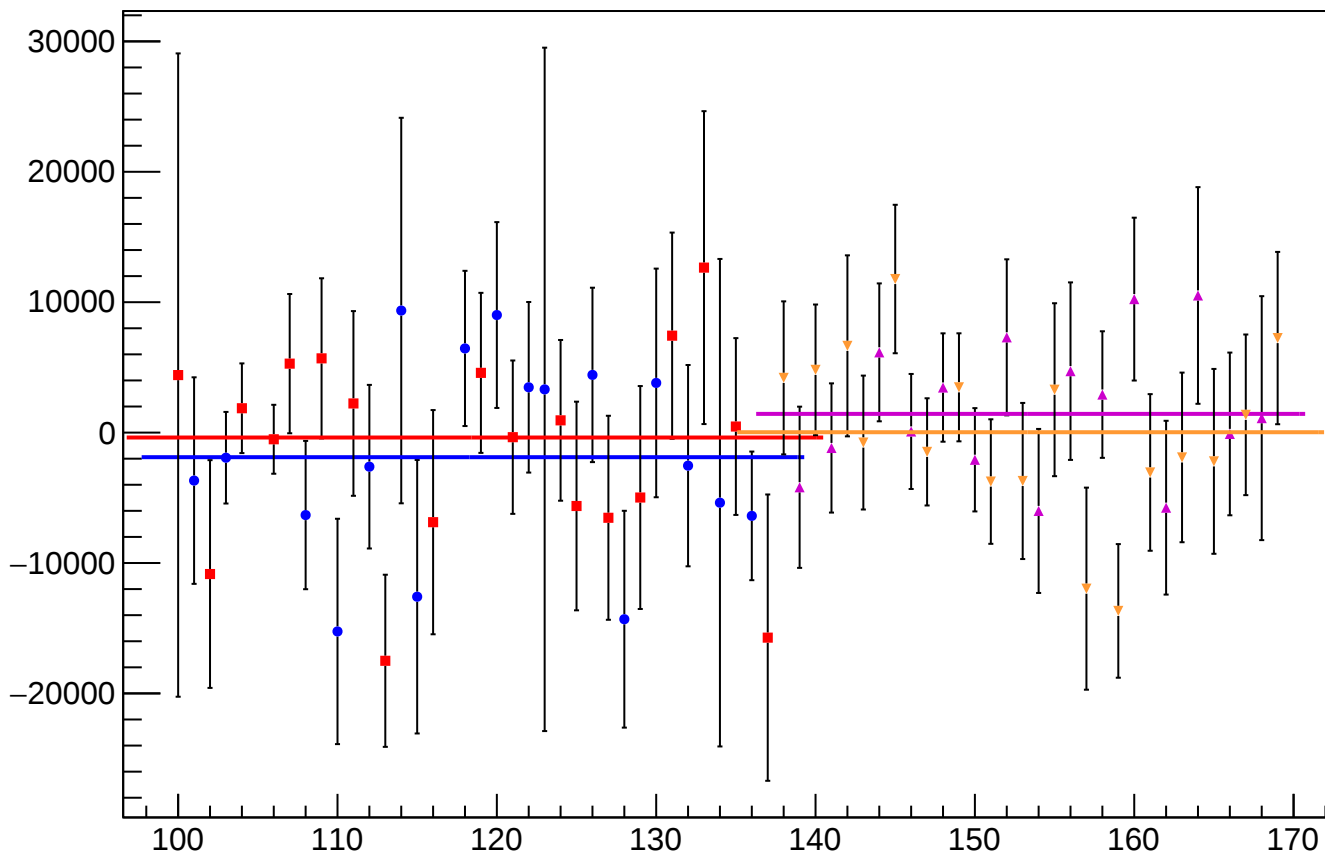
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

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

Out: 1945.700 $\pm$ 0.312 χ^2 /NDF:644948.9/35

All: 1939.184 $\pm$ 0.224 χ^2 /NDF: 1285040.3/67

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 29.089 $\pm$ 1353.688 χ^2 /NDF:19.9/16

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

Left In: 1435.051 $\pm$ 1424.545 χ^2 /NDF:10.1/14

Left: 696.235 $\pm$ 981.296 χ^2 /NDF: 30.6/31

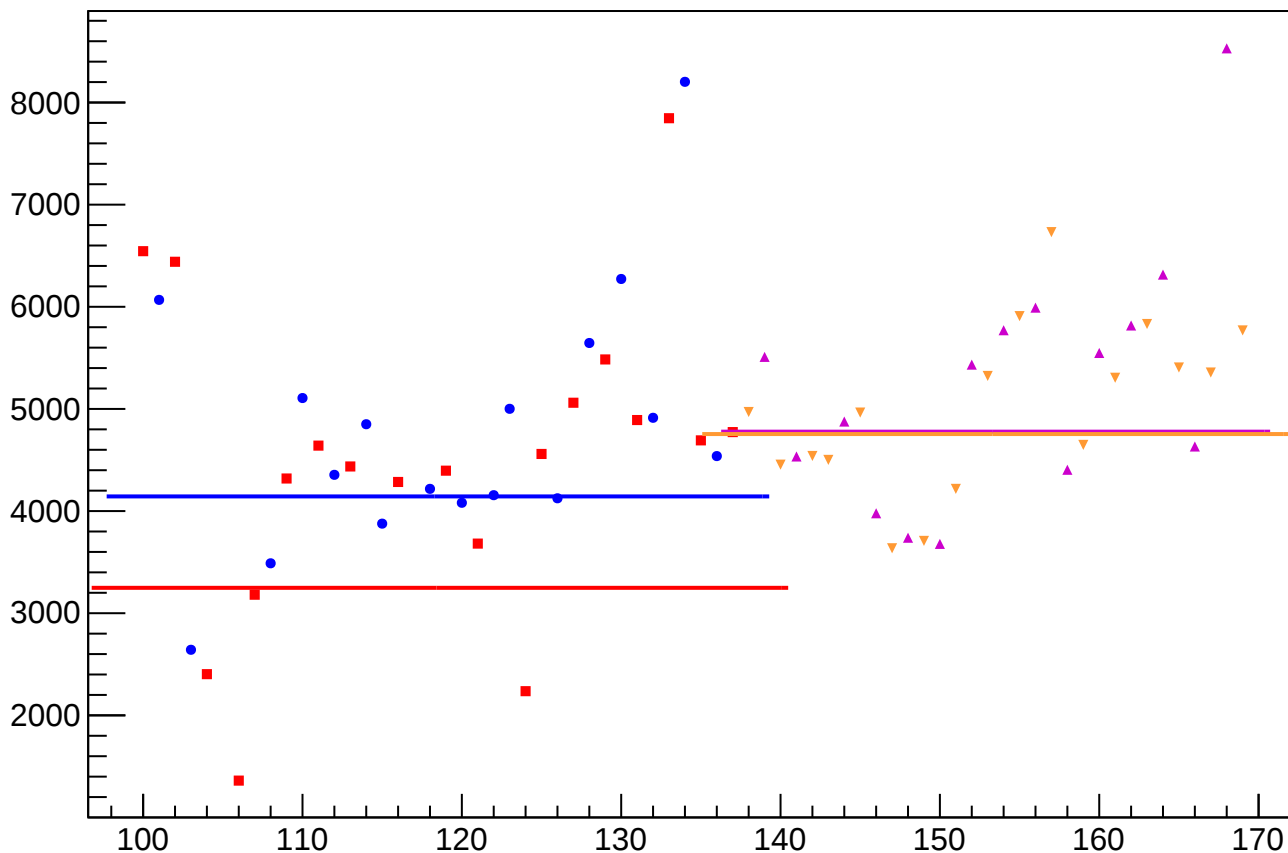
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

In: 24.893 $\pm$ 1080.493 χ^2 /NDF:26.5/31

Out: -172.999 $\pm$ 959.291 χ^2 /NDF:37.6/35

All: -85.770 $\pm$ 717.361 χ^2 /NDF: 64.2/67

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

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

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

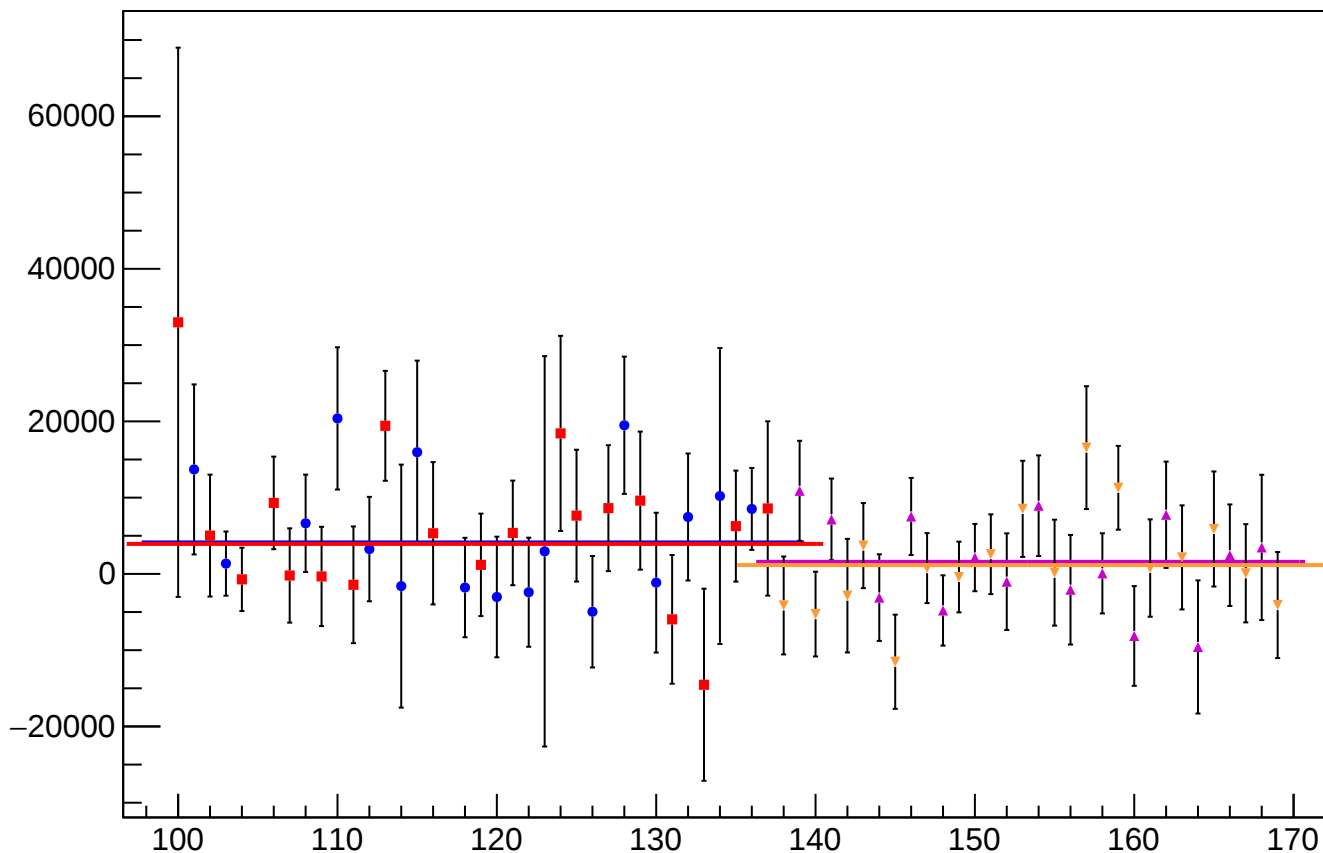
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 4004.623+/-0.678 χ^2/NDF : 4533955.1/35

All: 4226.617+/-0.507 χ^2/NDF : 6799227.0/67

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

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

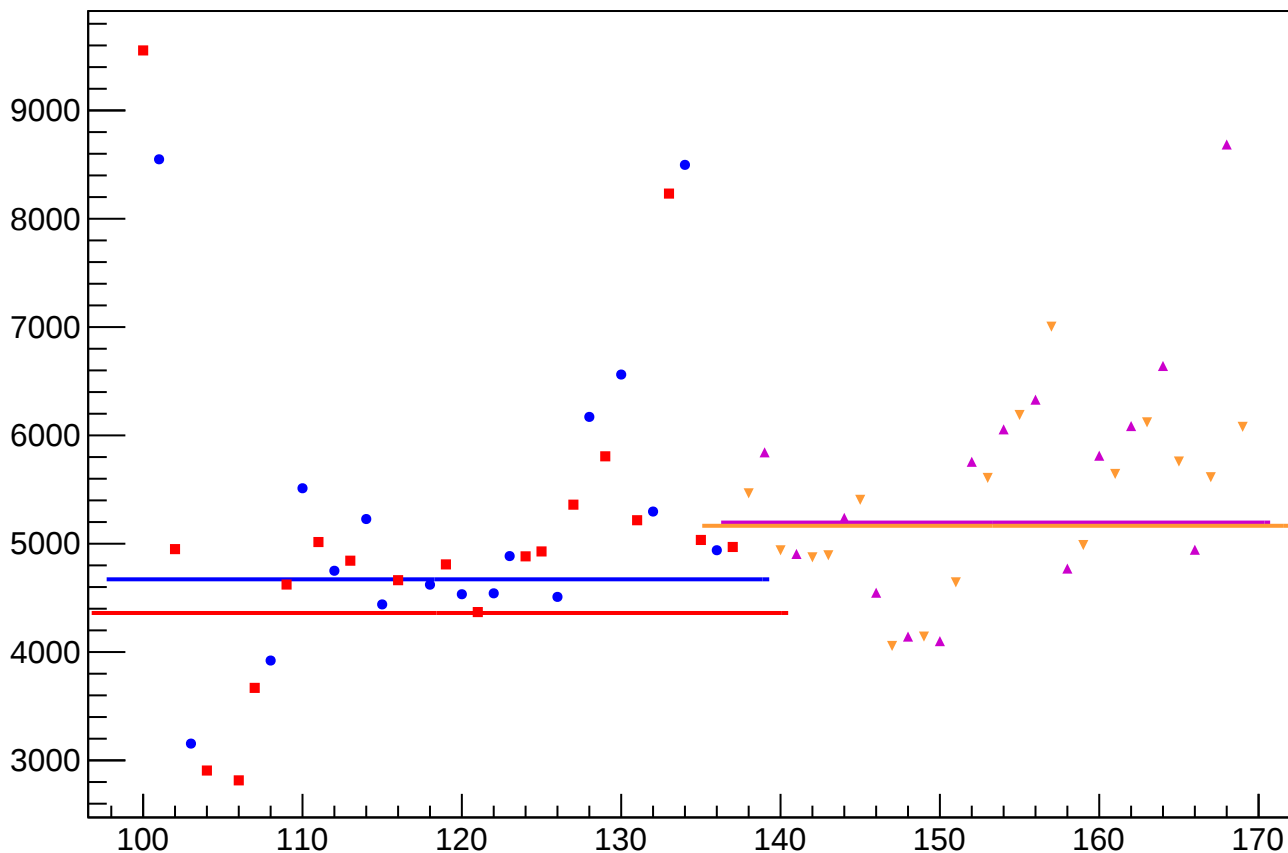
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

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

Out: 2319.739 $\pm$ 1116.311 χ^2 /NDF:32.8/35

All: 2458.477 $\pm$ 813.375 χ^2 /NDF: 61.1/67

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5165.531 $\pm$ 1.035 χ^2/NDF : 519399.7/16

Right Out: 4360.531 $\pm$ 1.213 χ^2/NDF : 834123.3/18

Left In: 5195.366 $\pm$ 1.090 χ^2/NDF : 775376.3/14

Left: 5179.681 $\pm$ 0.751 χ^2/NDF : 1295170.0/31

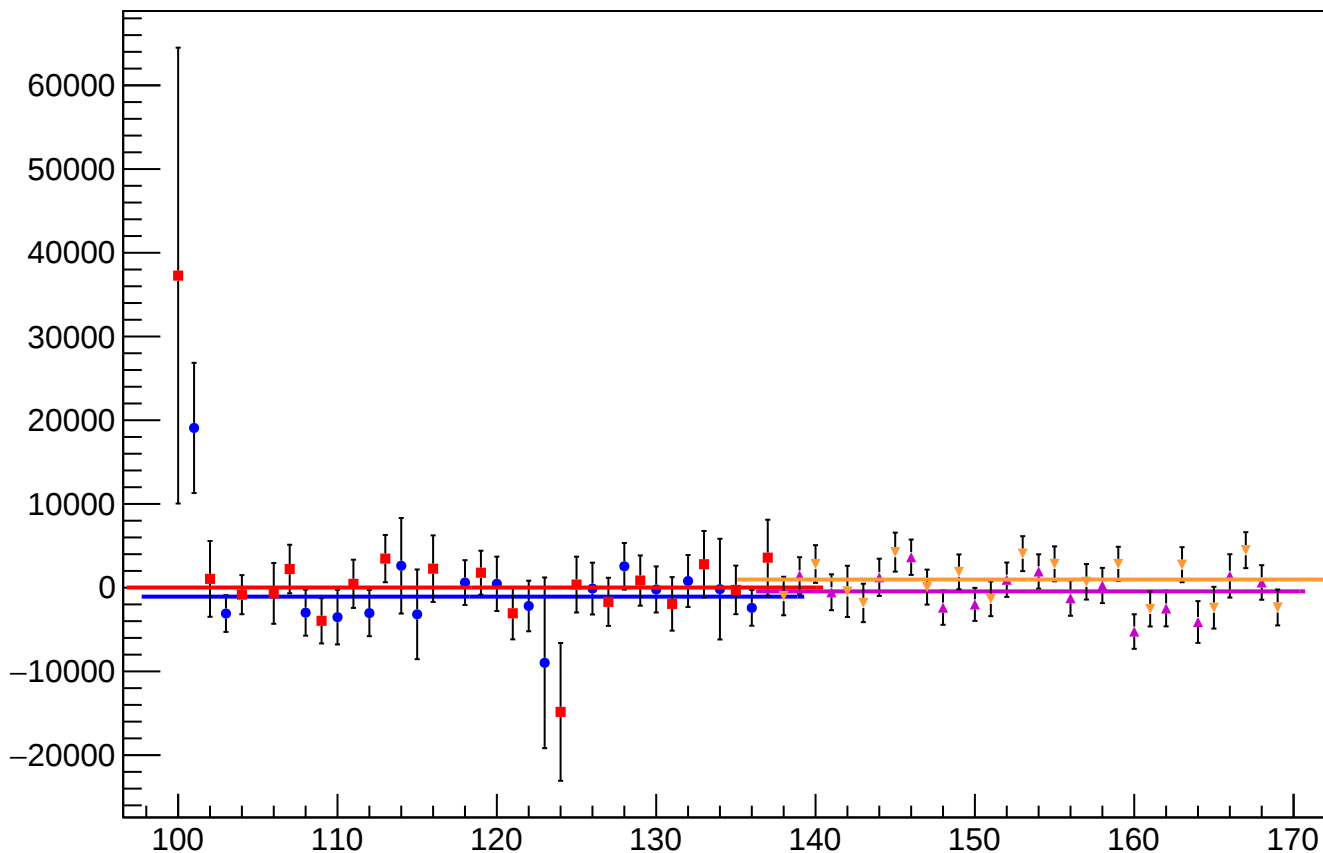
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

In: 4982.439 $\pm$ 0.840 χ^2/NDF : 1655433.3/31

Out: 4826.332 $\pm$ 0.787 χ^2/NDF : 1608339.4/35

All: 4899.373 $\pm$ 0.574 χ^2/NDF : 3282162.0/67

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 973.201 ± 531.706 $\chi^2/\text{NDF}: 21.0/16$

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

Left In: -442.002 ± 552.658 $\chi^2/\text{NDF}: 17.9/14$

Left: 292.933 ± 383.166 $\chi^2/\text{NDF}: 42.3/31$

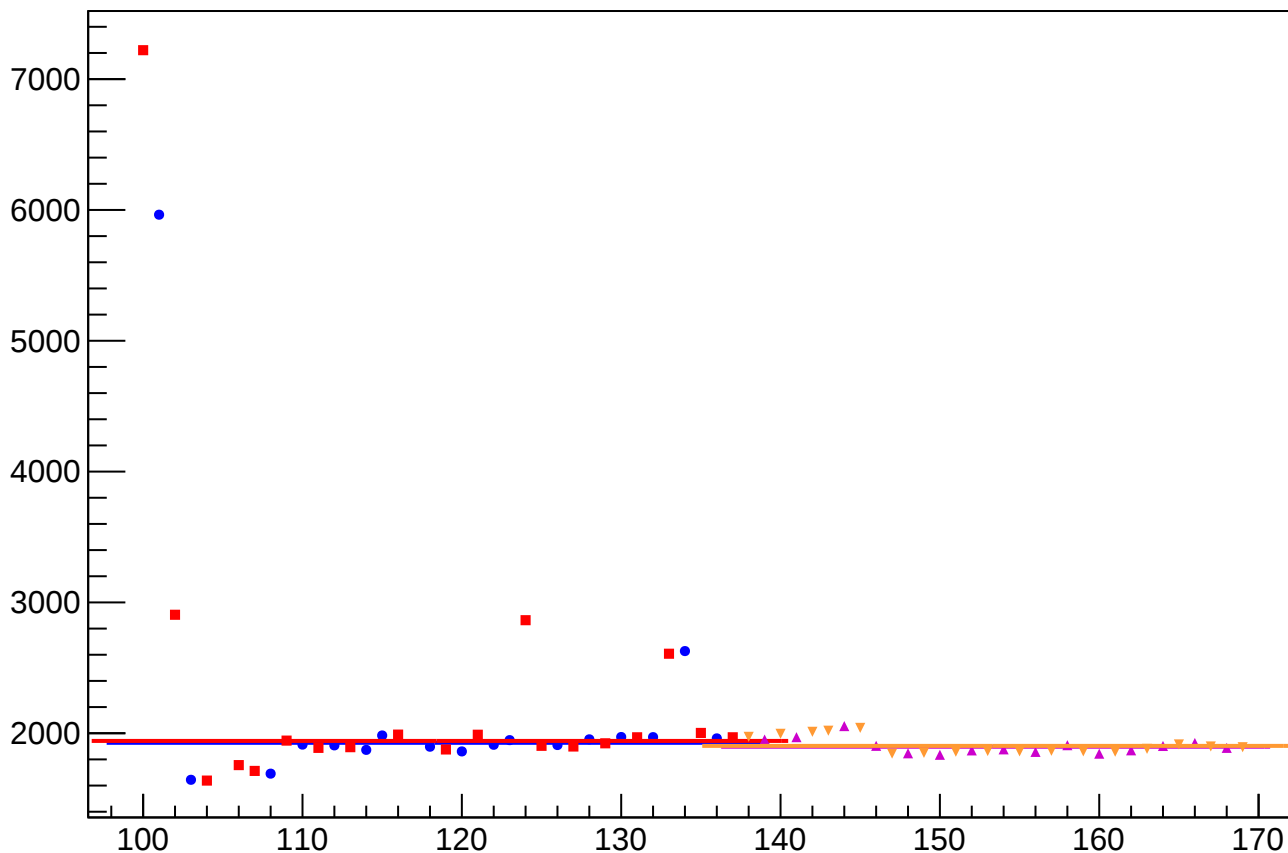
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

In: -658.544 ± 447.576 $\chi^2/\text{NDF}: 32.0/31$

Out: 652.865 ± 433.336 $\chi^2/\text{NDF}: 35.4/35$

All: 18.354 ± 311.327 $\chi^2/\text{NDF}: 71.9/67$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.342+/-0.376 χ^2/NDF : 27827.1/16

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

Left In: 1896.966+/-0.391 χ^2/NDF : 20083.7/14

Left: 1900.277+/-0.271 χ^2/NDF : 48049.1/31

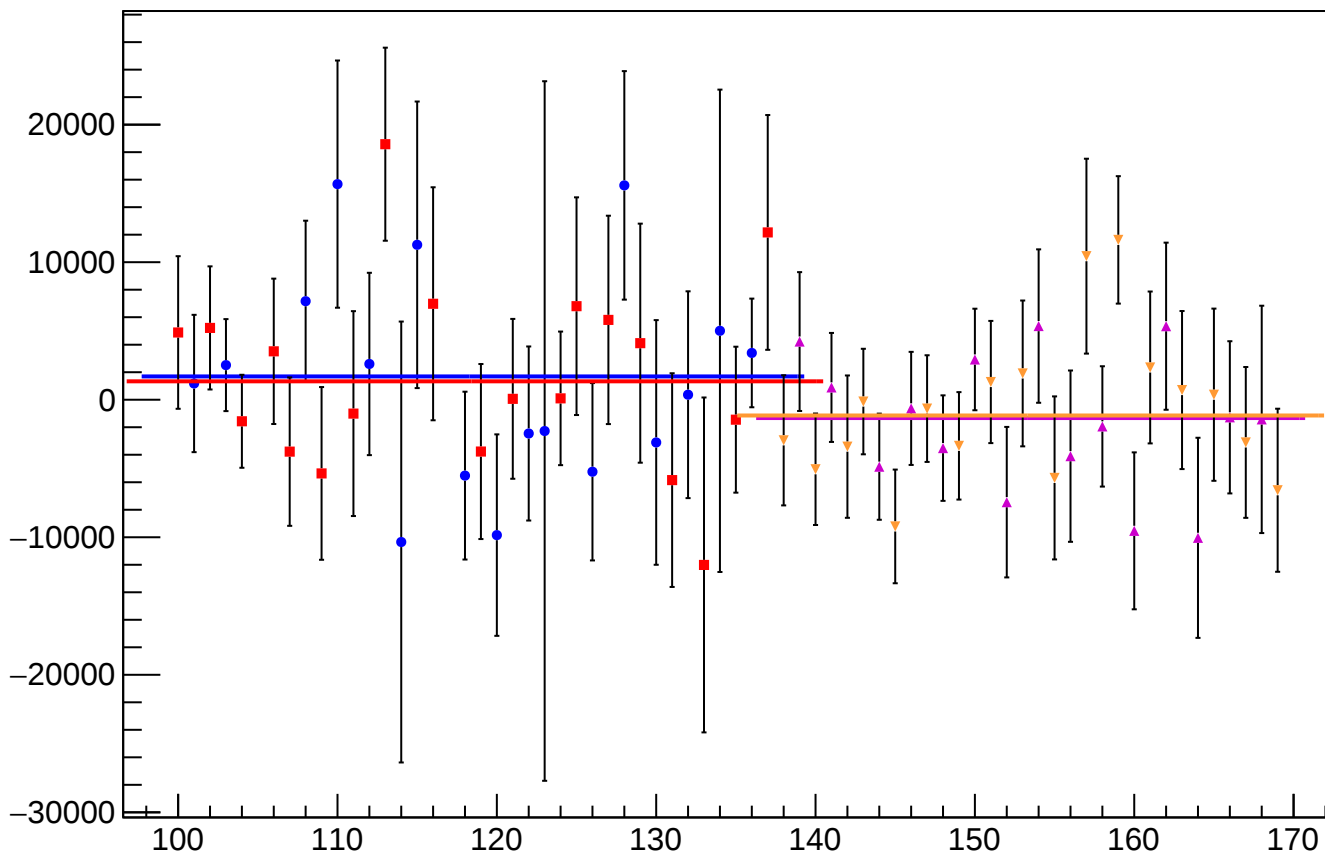
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1907.264+/-0.316 χ^2/NDF : 639217.7/31

Out: 1916.087+/-0.306 χ^2/NDF : 335613.5/35

All: 1911.819+/-0.220 χ^2/NDF : 975232.5/67

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1145.858+/-1168.075 χ^2/NDF : 18.5/16

Right Out: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

Left In: -1331.524+/-1251.774 χ^2/NDF : 11.7/14

Left: -1232.277+/-854.012 χ^2/NDF : 30.2/31

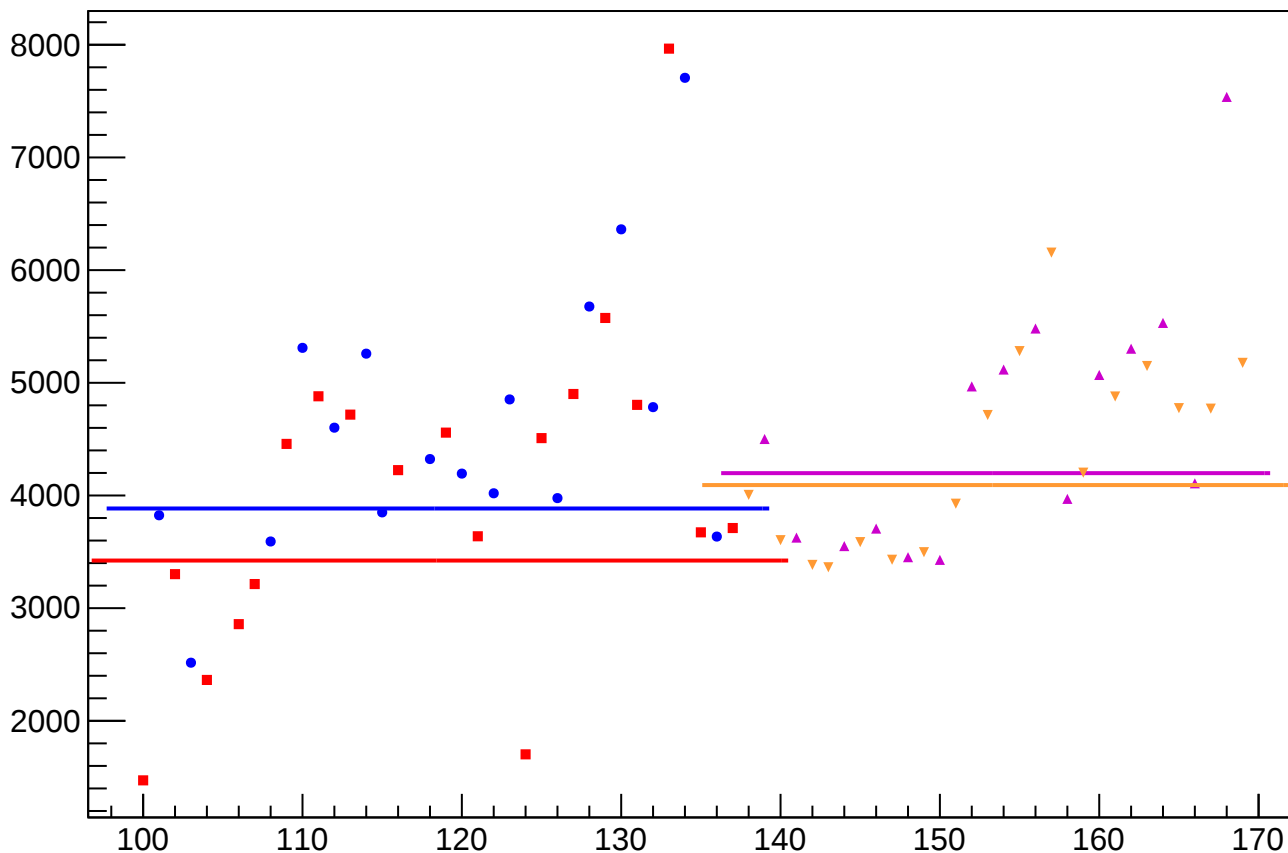
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: -139.019+/-974.333 χ^2/NDF : 27.6/31

Out: -99.345+/-888.585 χ^2/NDF : 36.7/35

All: -117.360+/-656.550 χ^2/NDF : 64.3/67

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

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

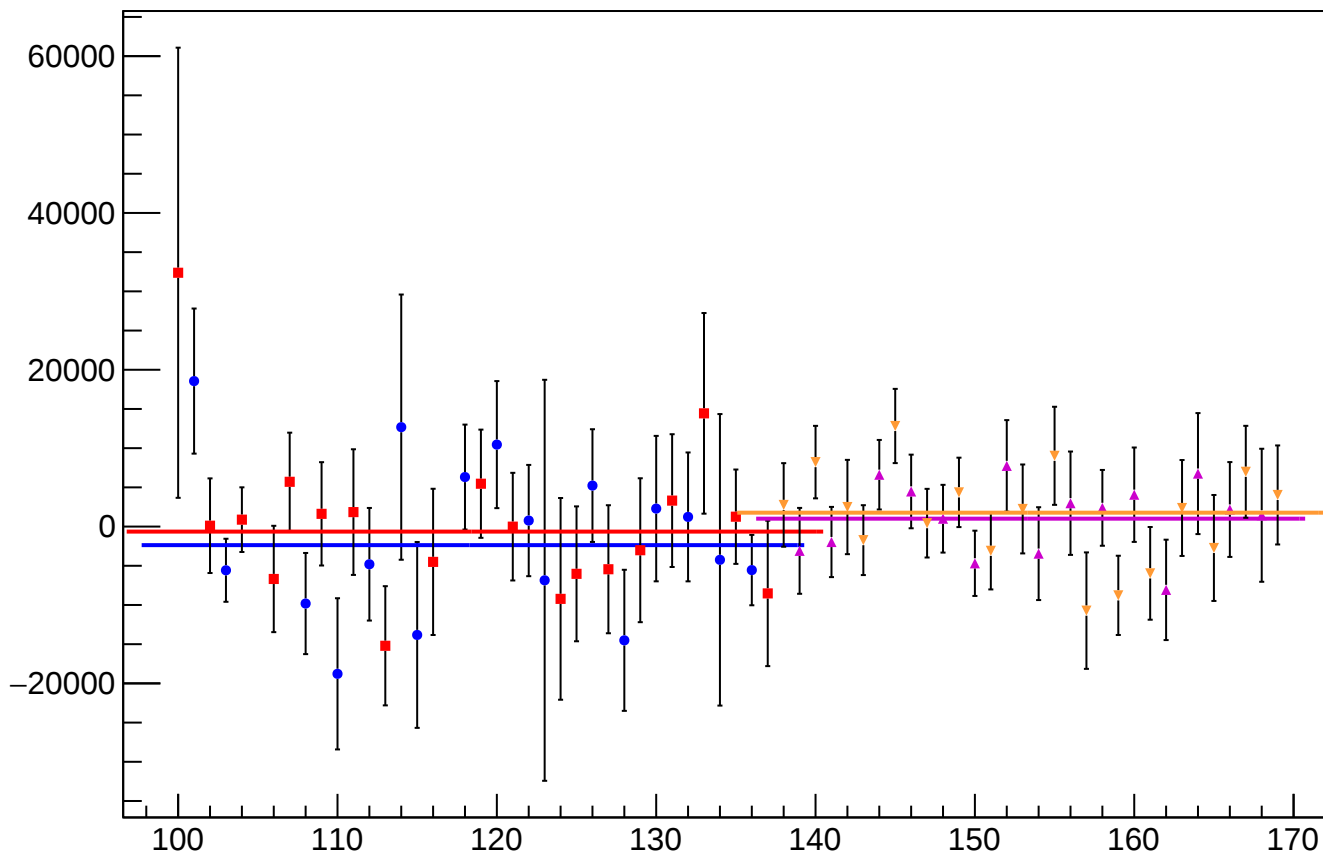
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3810.267 $\pm$ 0.628 χ^2 /NDF: 2652895.1/35

All: 3930.309 $\pm$ 0.464 χ^2 /NDF: 4596846.2/67

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1772.981 $\pm$ 1297.081 χ^2 /NDF:21.1/16

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

Left In: 1008.070 $\pm$ 1380.888 χ^2 /NDF:10.0/14

Left: 1414.440 $\pm$ 945.415 χ^2 /NDF: 31.2/31

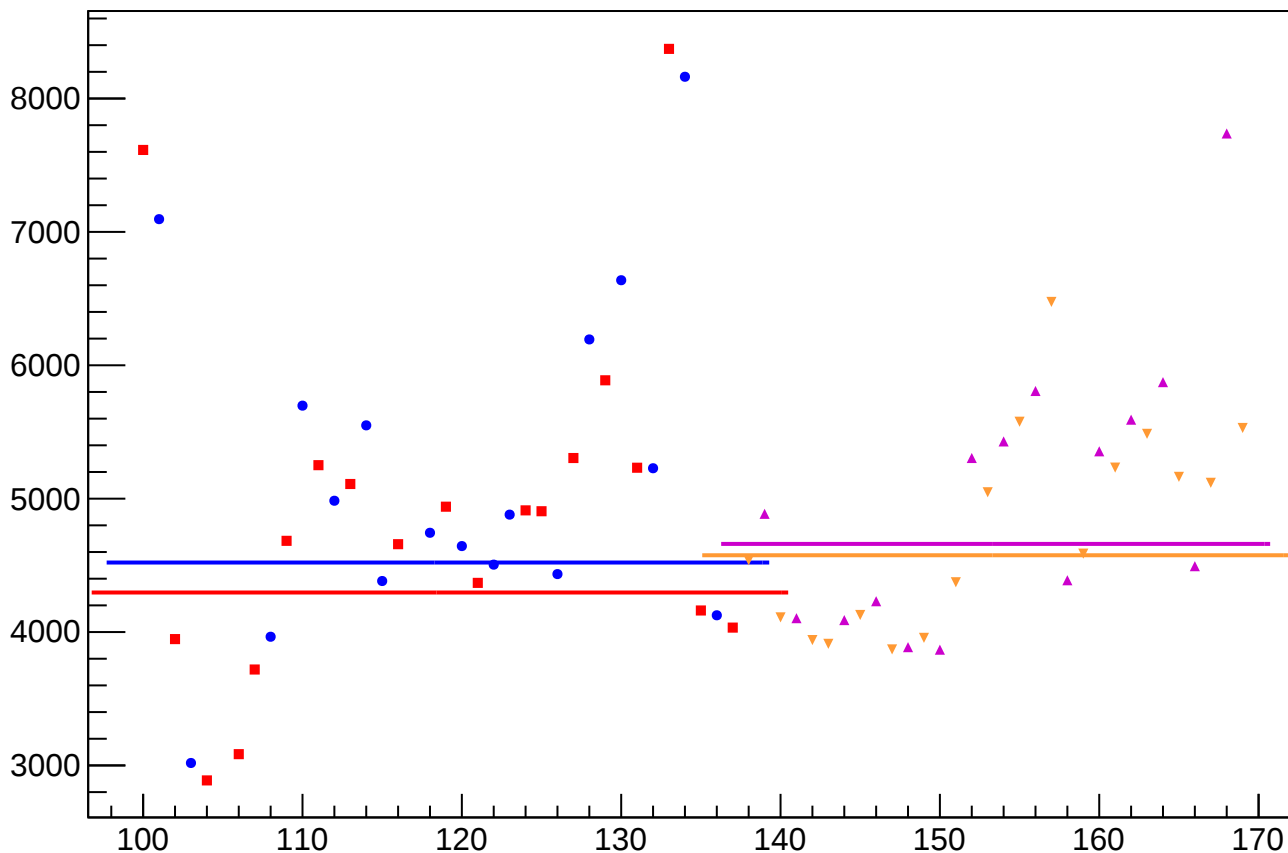
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -240.853 $\pm$ 1096.058 χ^2 /NDF:32.3/31

Out: 878.265 $\pm$ 1028.993 χ^2 /NDF:34.2/35

All: 353.989 $\pm$ 750.197 χ^2 /NDF: 67.1/67

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

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

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

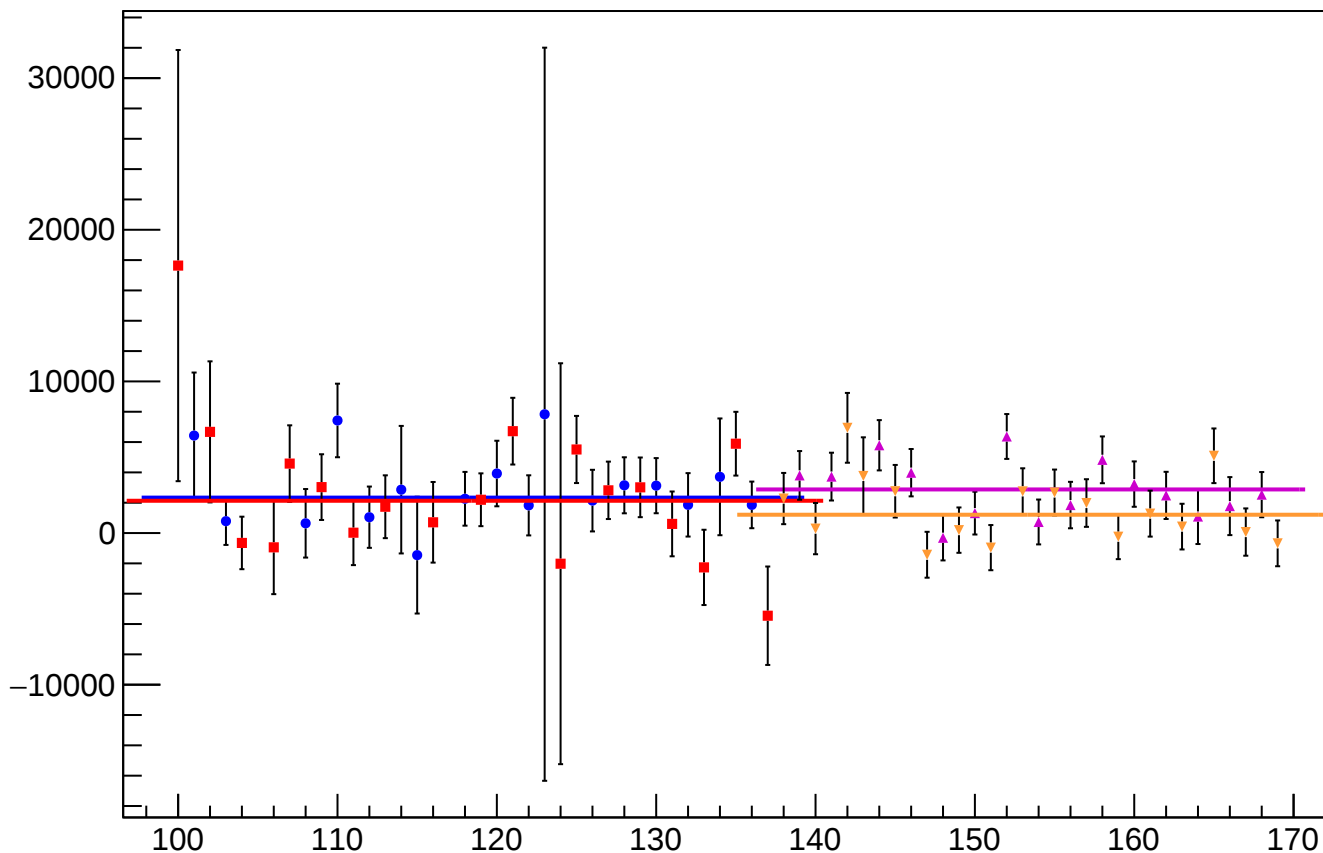
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

Out: 4471.522+/-0.726 χ^2/NDF : 1350220.0/35

All: 4535.864+/-0.530 χ^2/NDF : 2882228.0/67

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

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

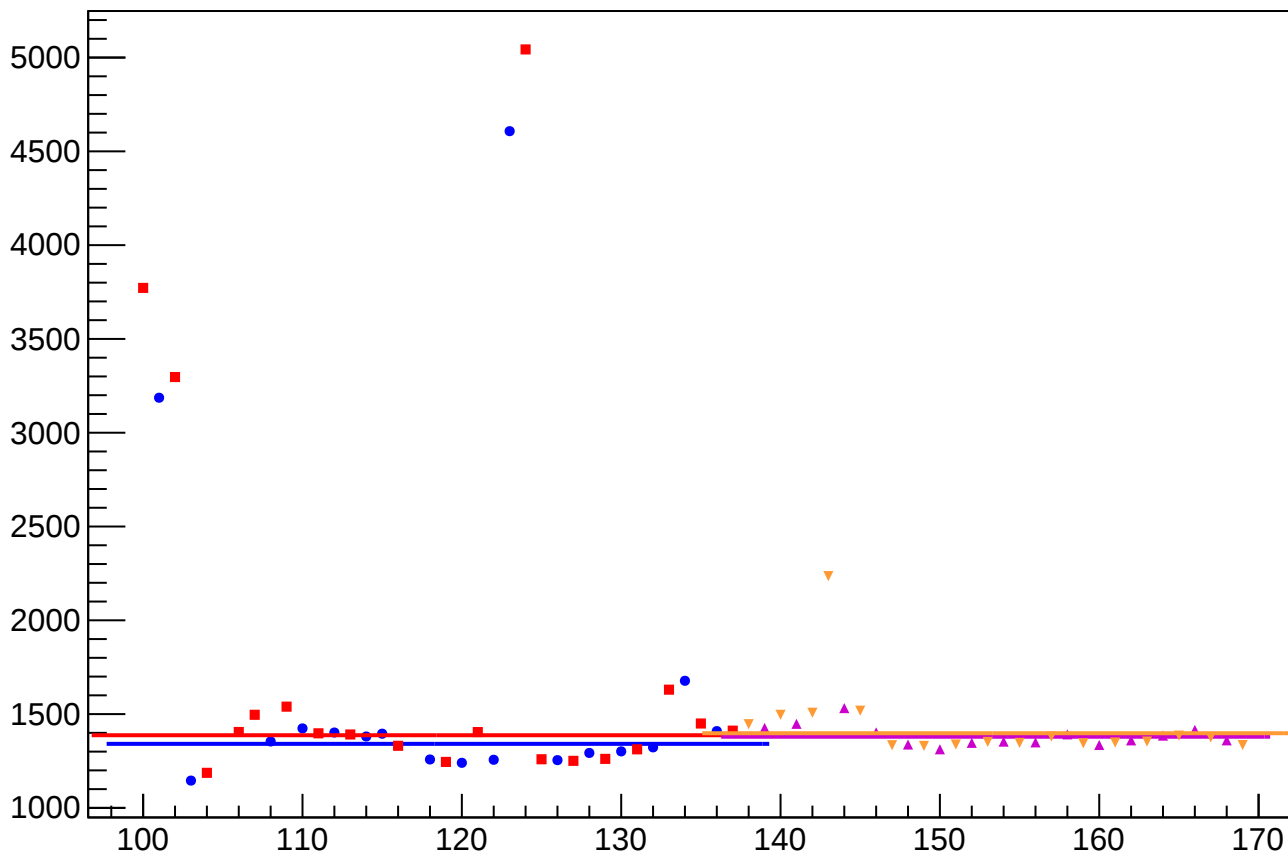
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 1527.859 $\pm$ 317.588 χ^2 /NDF: 54.0/35

All: 2097.326 $\pm$ 225.751 χ^2 /NDF: 91.9/67

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1398.004+/-0.278 χ^2/NDF : 264236.7/16

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

Left In: 1379.346+/-0.285 χ^2/NDF : 34562.5/14

Left: 1388.906+/-0.199 χ^2/NDF : 300997.7/31

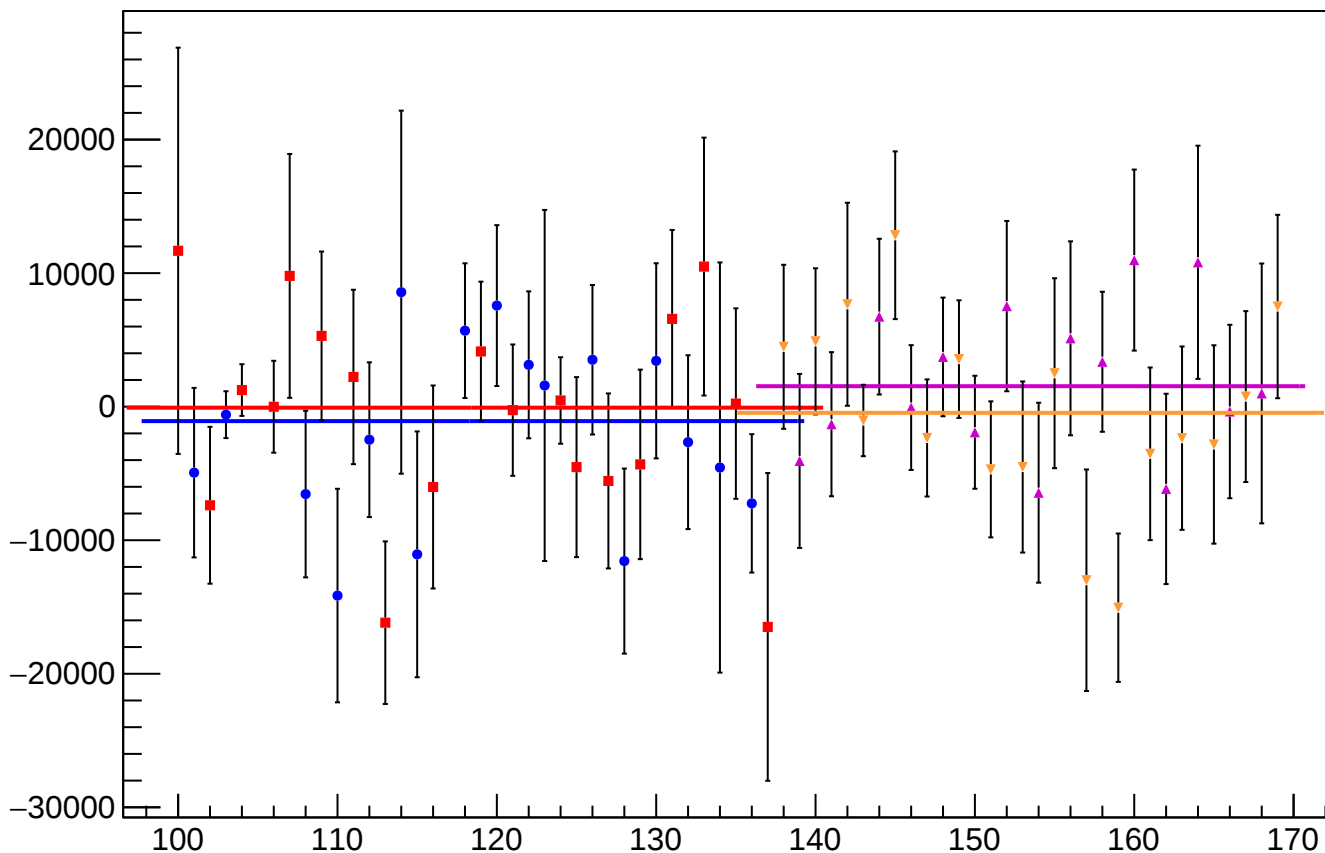
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1365.480+/-0.227 χ^2/NDF : 545324.1/31

Out: 1394.305+/-0.225 χ^2/NDF : 914940.3/35

All: 1380.047+/-0.160 χ^2/NDF : 1468416.9/67

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -458.935+/-1308.057 χ^2/NDF : 20.5/16

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

Left In: 1534.110+/-1524.135 χ^2/NDF : 9.8/14

Left: 386.411+/-992.618 χ^2/NDF : 31.3/31

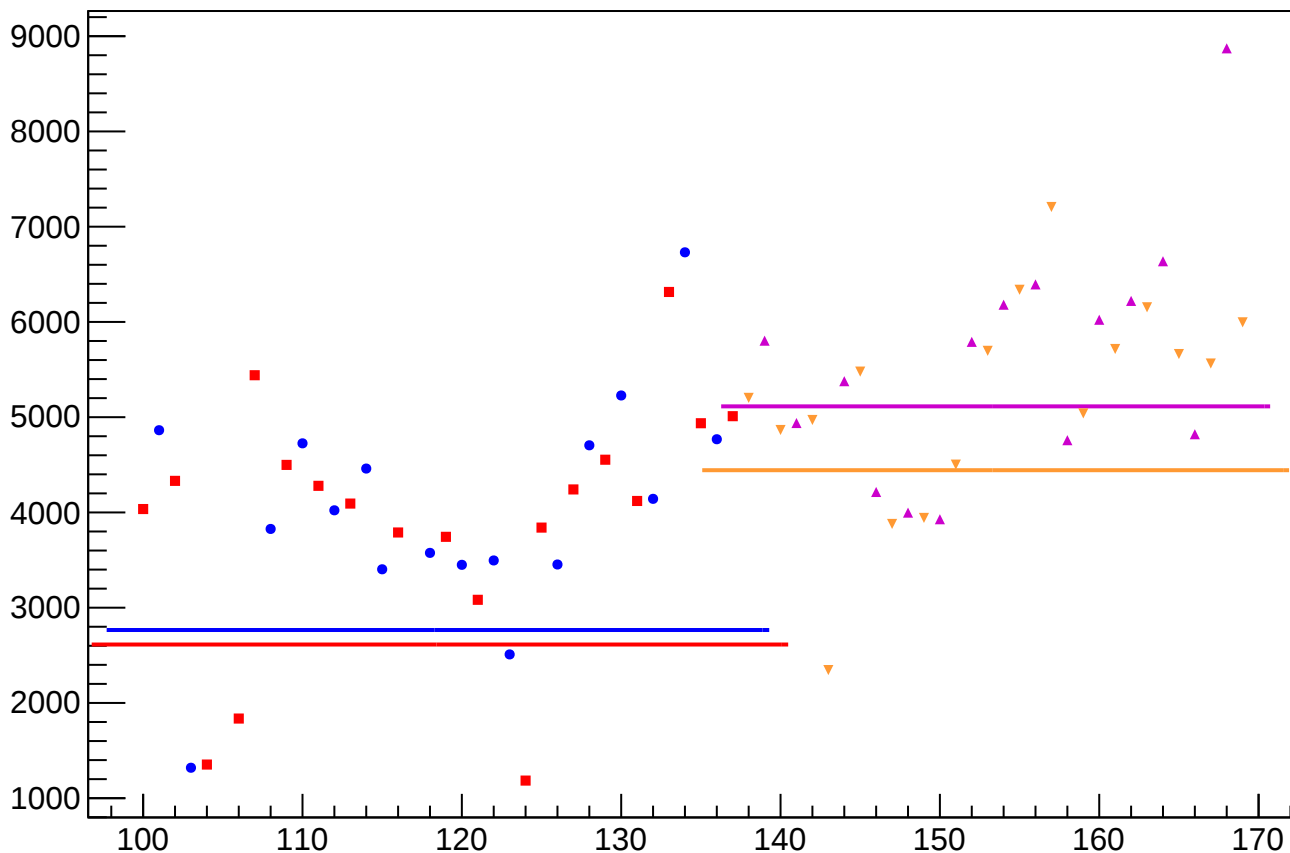
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -67.574+/-948.811 χ^2/NDF : 26.6/31

Out: -237.924+/-853.466 χ^2/NDF : 39.2/35

All: -161.736+/-634.531 χ^2/NDF : 65.8/67

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

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

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

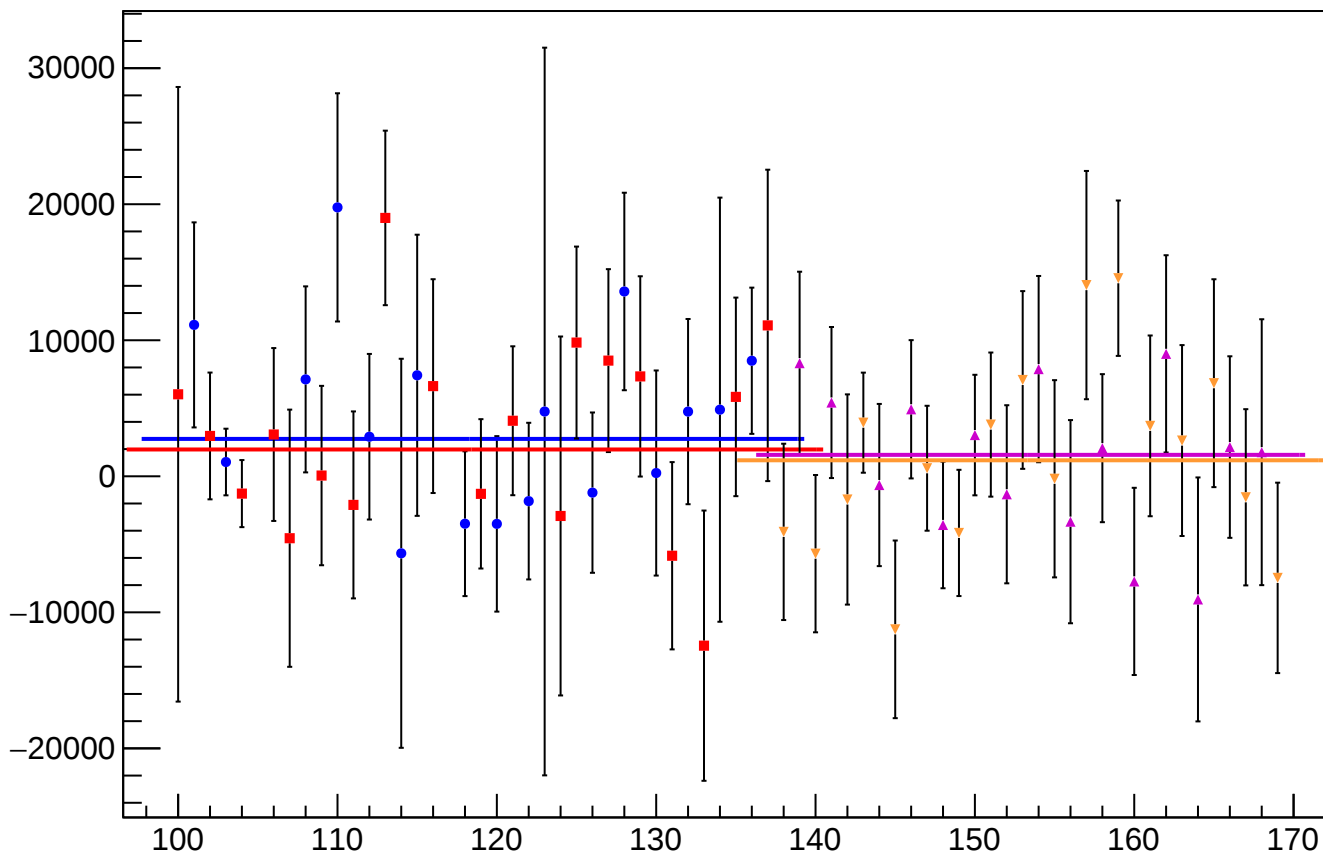
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

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

Out: 3392.434+/-0.603 χ^2/NDF : 7867235.7/35

All: 3519.101+/-0.449 χ^2/NDF : 14789356.1/6

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

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

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

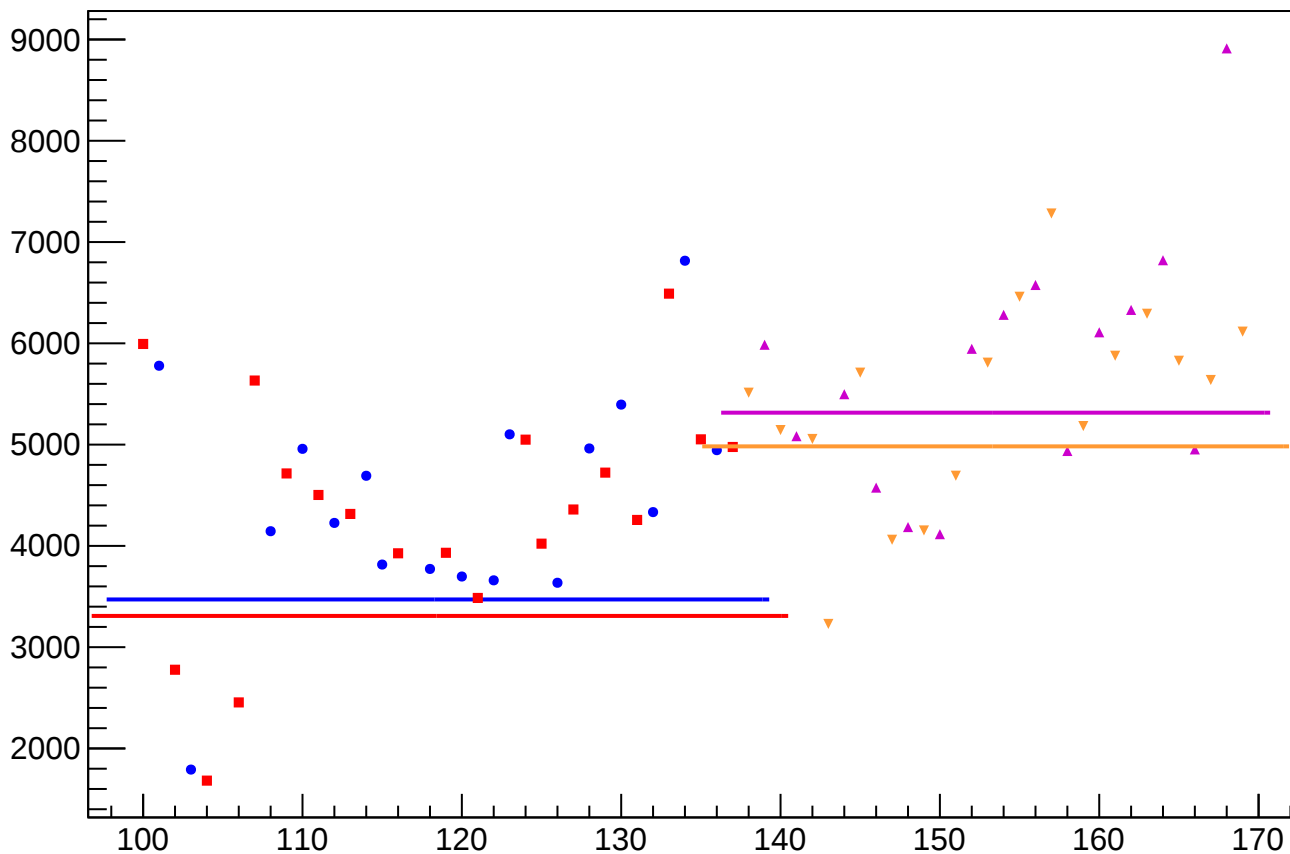
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1587.356+/-993.654 χ^2/NDF : 37.1/35

All: 1878.293+/-727.178 χ^2/NDF : 60.5/67

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

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

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

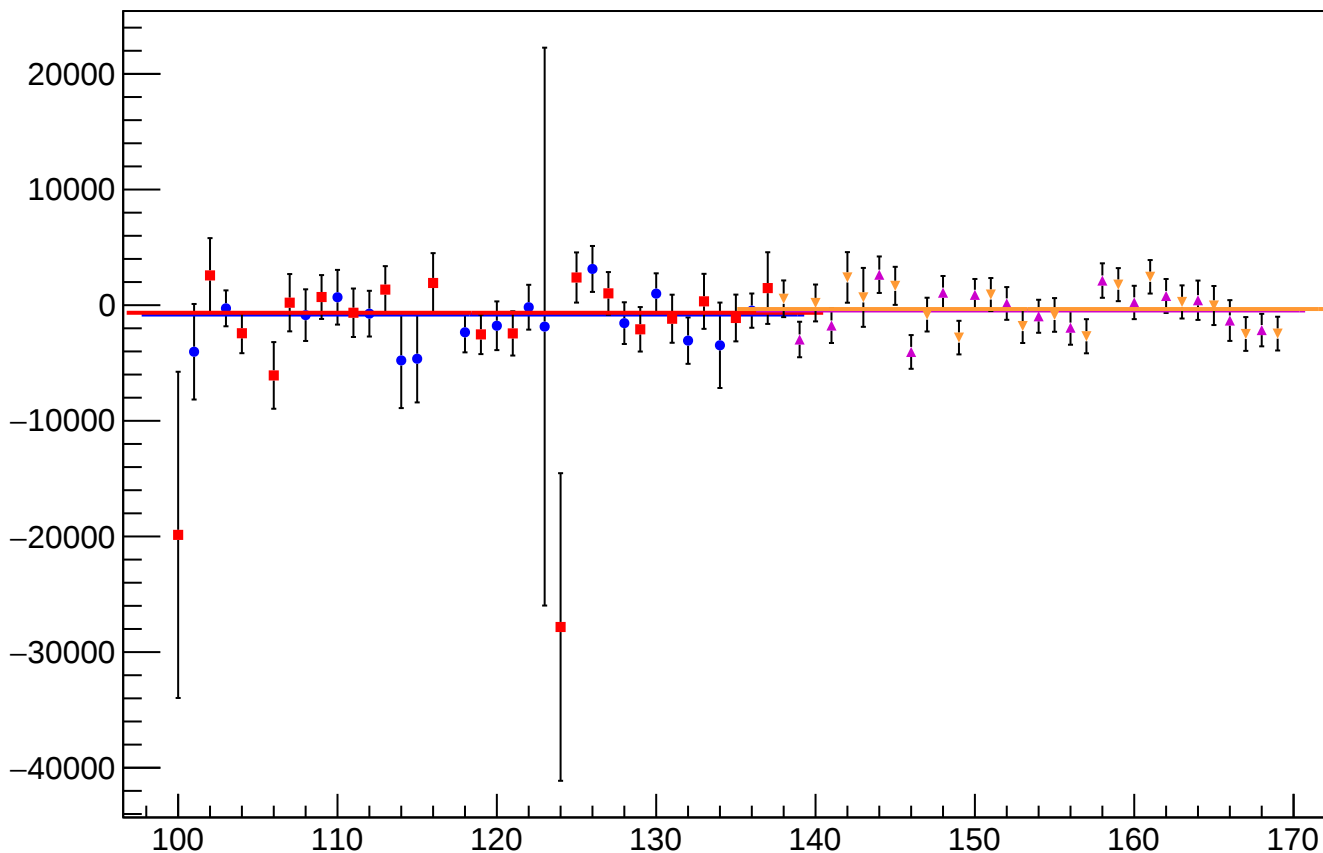
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 4109.178+/-0.699 χ^2/NDF :4460316.5/35

All: 4202.892+/-0.513 χ^2/NDF : 8605304.9/67

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

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

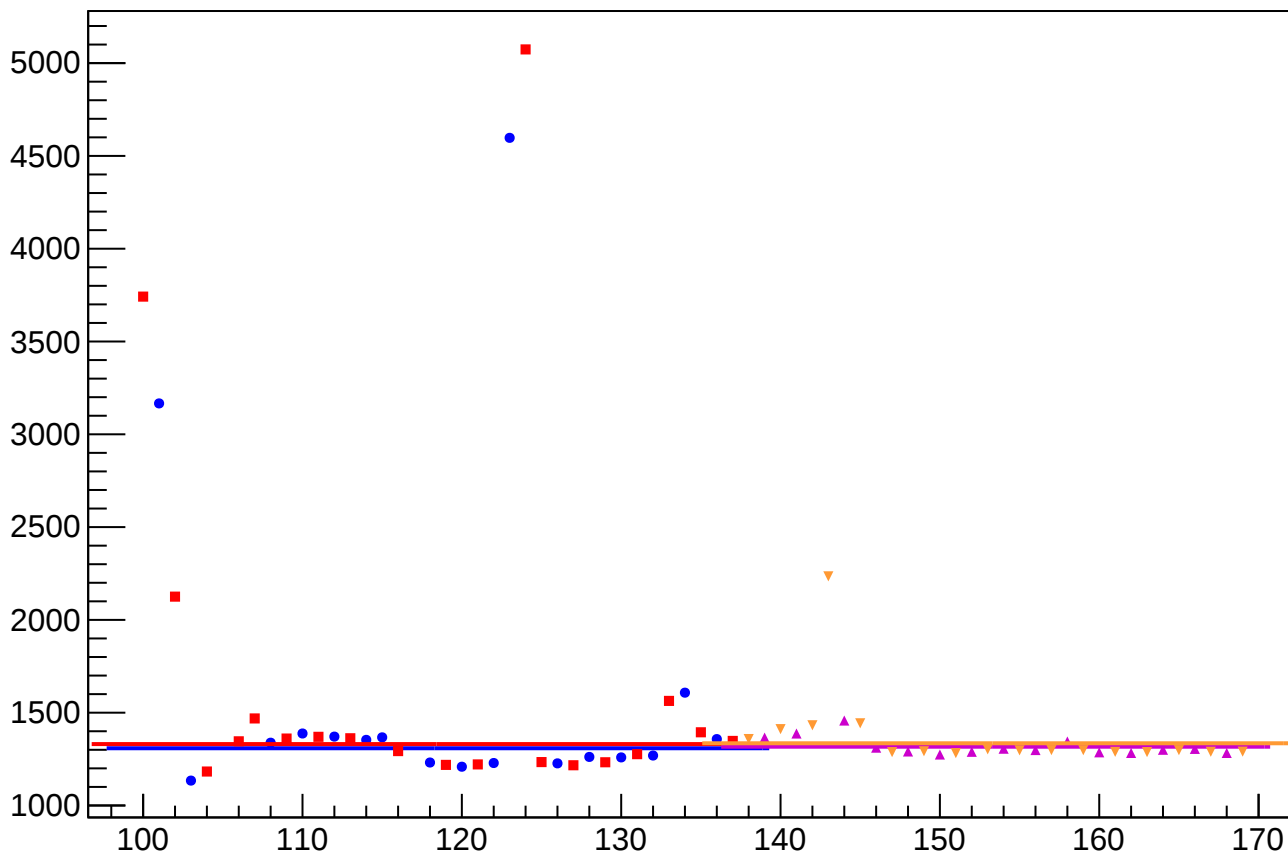
Right: -732.099 $\pm$ 365.136 χ^2 /NDF: 31.6/35

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

Out: -445.444 $\pm$ 303.315 χ^2 /NDF:42.1/35

All: -512.587 $\pm$ 216.380 χ^2 /NDF: 76.4/67

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

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

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

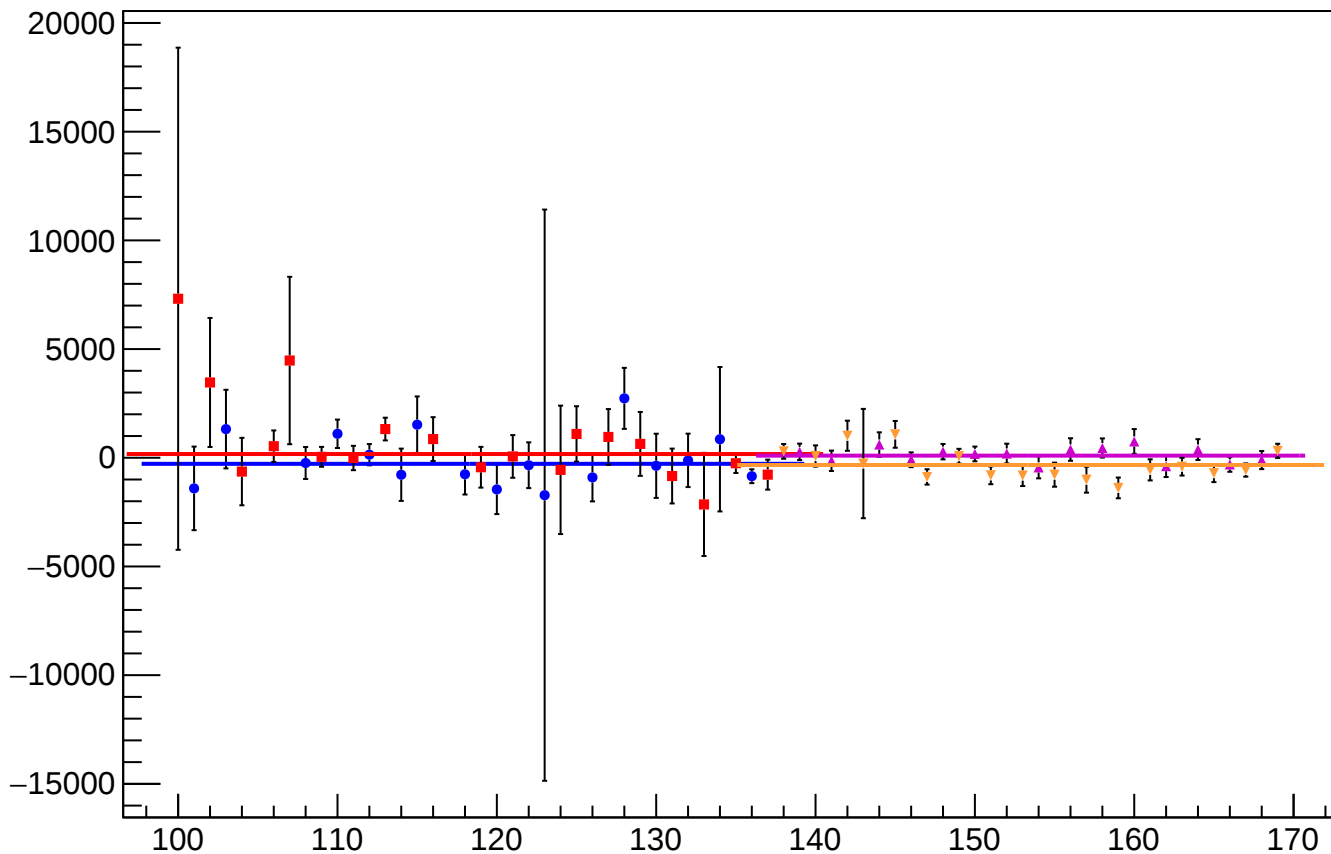
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

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

Out: 1333.676+/-0.214 χ^2/NDF : 703313.7/35

All: 1323.901+/-0.153 χ^2/NDF : 1244618.1/67

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: 171.593 ± 192.461 χ^2/NDF : 14.7/18

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

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

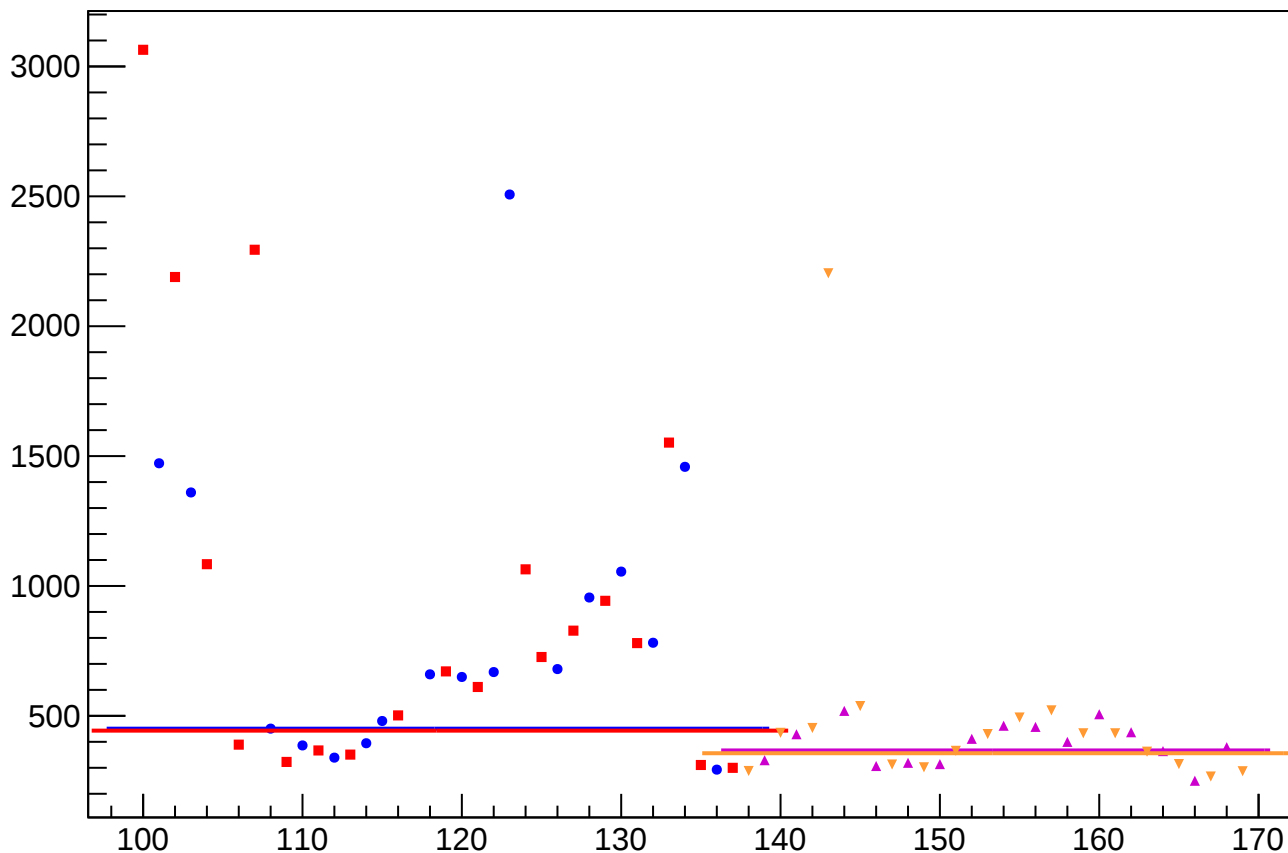
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: 10.103 ± 95.693 χ^2/NDF : 29.1/31

Out: -218.145 ± 91.762 χ^2/NDF : 51.9/35

All: -108.806 ± 66.232 χ^2/NDF : 84.0/67

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

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

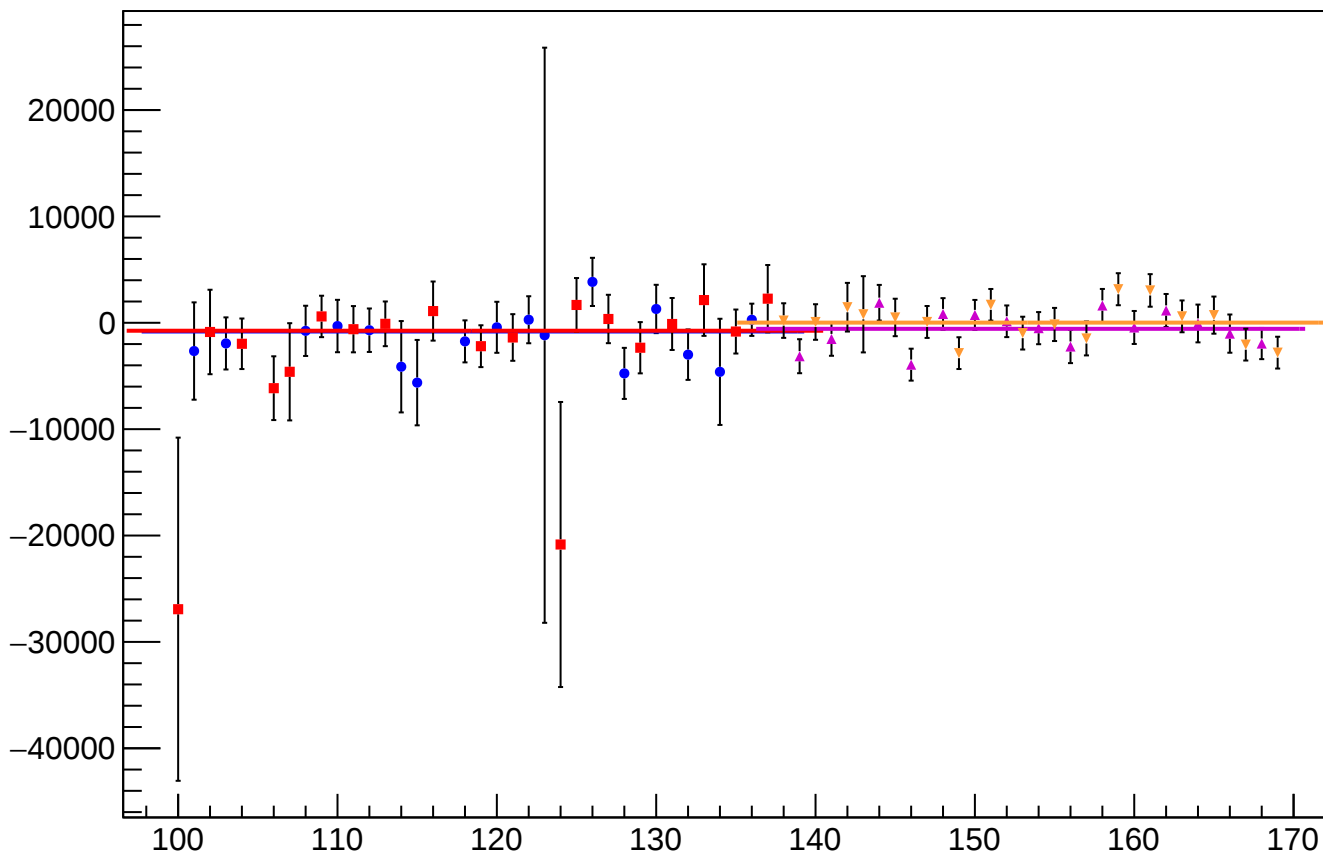
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

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

Out: 375.847 $\pm$ 0.065 χ^2 /NDF: 6006678.4/35

All: 380.880 $\pm$ 0.047 χ^2 /NDF: 10202996.7/67

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110 $\pm$ 601.150 χ^2 /NDF: 12.7/16

Left Out: 16.657 $\pm$ 394.134 χ^2 /NDF:20.9/16

Right Out: -746.365 $\pm$ 595.659 χ^2 /NDF: 14.1/18

Left In: -567.782 $\pm$ 402.166 χ^2 /NDF:17.5/14

Left: -269.668 $\pm$ 281.491 χ^2 /NDF: 39.4/31

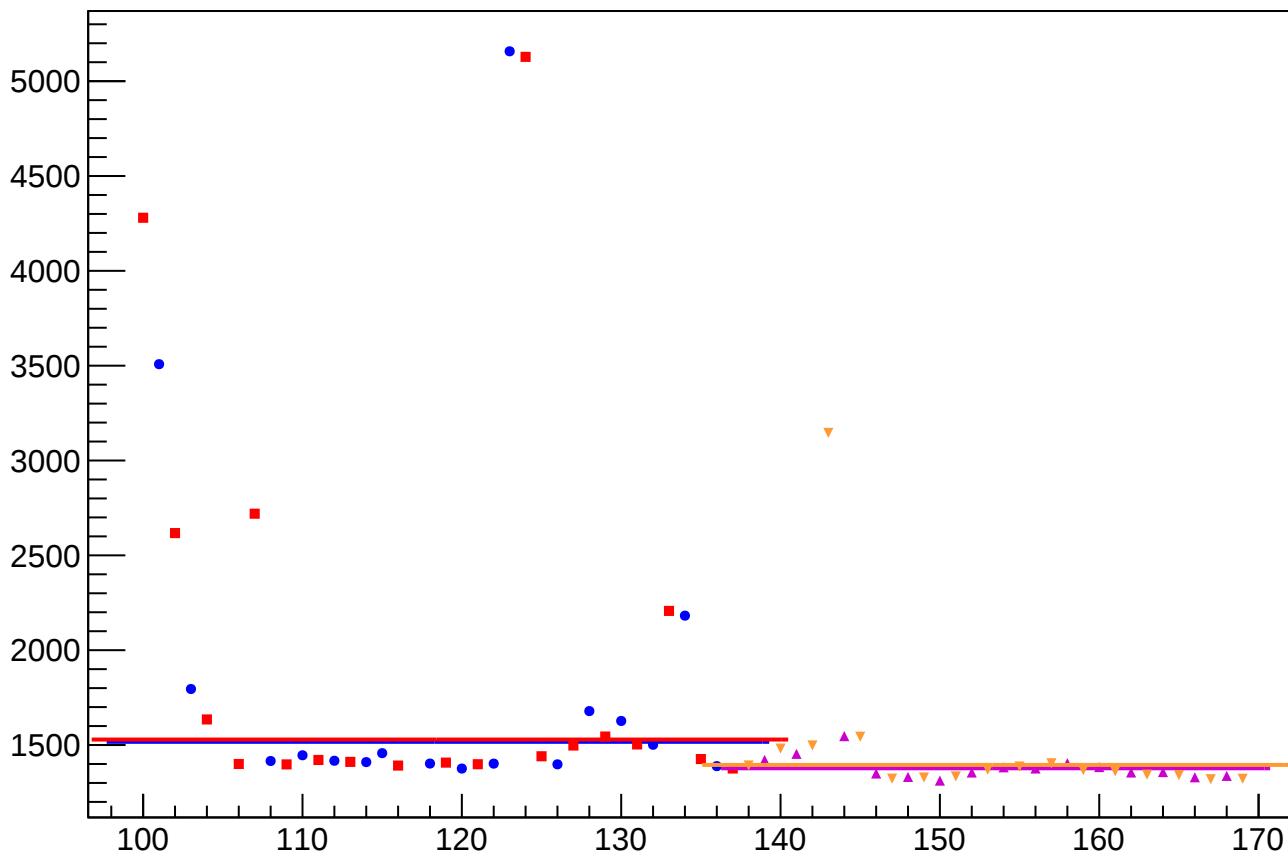
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -644.869 $\pm$ 334.263 χ^2 /NDF:30.3/31

Out: -215.684 $\pm$ 328.694 χ^2 /NDF:36.1/35

All: -426.672 $\pm$ 234.366 χ^2 /NDF: 67.2/67

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1395.101+/-0.279 χ^2/NDF : 529083.3/16

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

Left In: 1377.236+/-0.284 χ^2/NDF : 38116.4/14

Left: 1386.349+/-0.199 χ^2/NDF : 569212.9/31

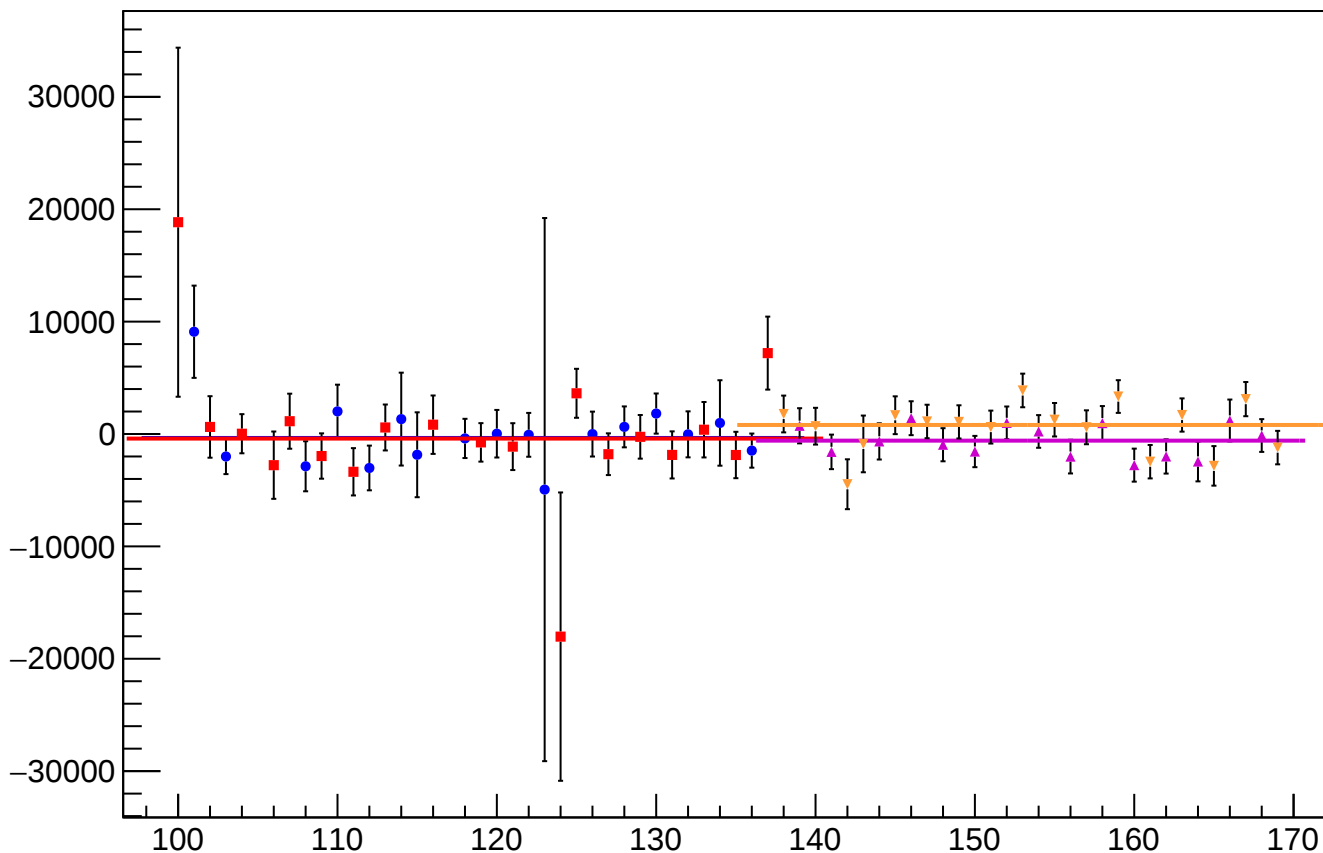
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1420.428+/-0.236 χ^2/NDF : 653769.7/31

Out: 1435.830+/-0.232 χ^2/NDF : 1229402.7/35

All: 1428.259+/-0.166 χ^2/NDF : 1885331.1/67

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 803.758 ± 384.617 $\chi^2/\text{NDF}: 27.7/16$

Right Out: -407.388 ± 522.047 $\chi^2/\text{NDF}: 18.4/18$

Left In: -591.427 ± 394.389 $\chi^2/\text{NDF}: 12.1/14$

Left: 123.665 ± 275.355 $\chi^2/\text{NDF}: 46.2/31$

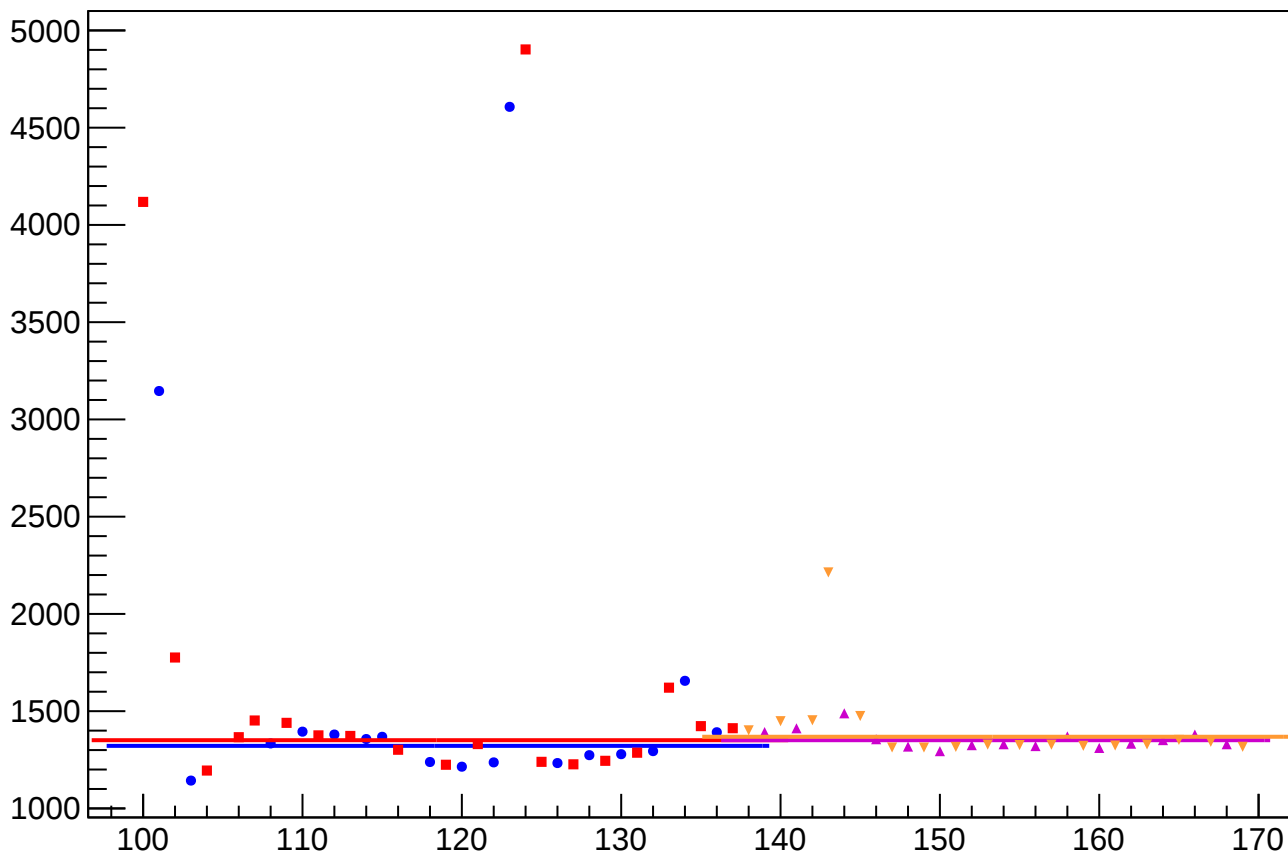
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -505.111 ± 314.963 $\chi^2/\text{NDF}: 25.6/31$

Out: 377.645 ± 309.652 $\chi^2/\text{NDF}: 49.6/35$

All: -56.228 ± 220.811 $\chi^2/\text{NDF}: 79.2/67$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1368.450 $\pm$ 0.272 χ^2 /NDF: 261852.3/16

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

Left In: 1350.797 $\pm$ 0.279 χ^2 /NDF: 28373.9/14

Left: 1359.845 $\pm$ 0.195 χ^2 /NDF: 292280.1/31

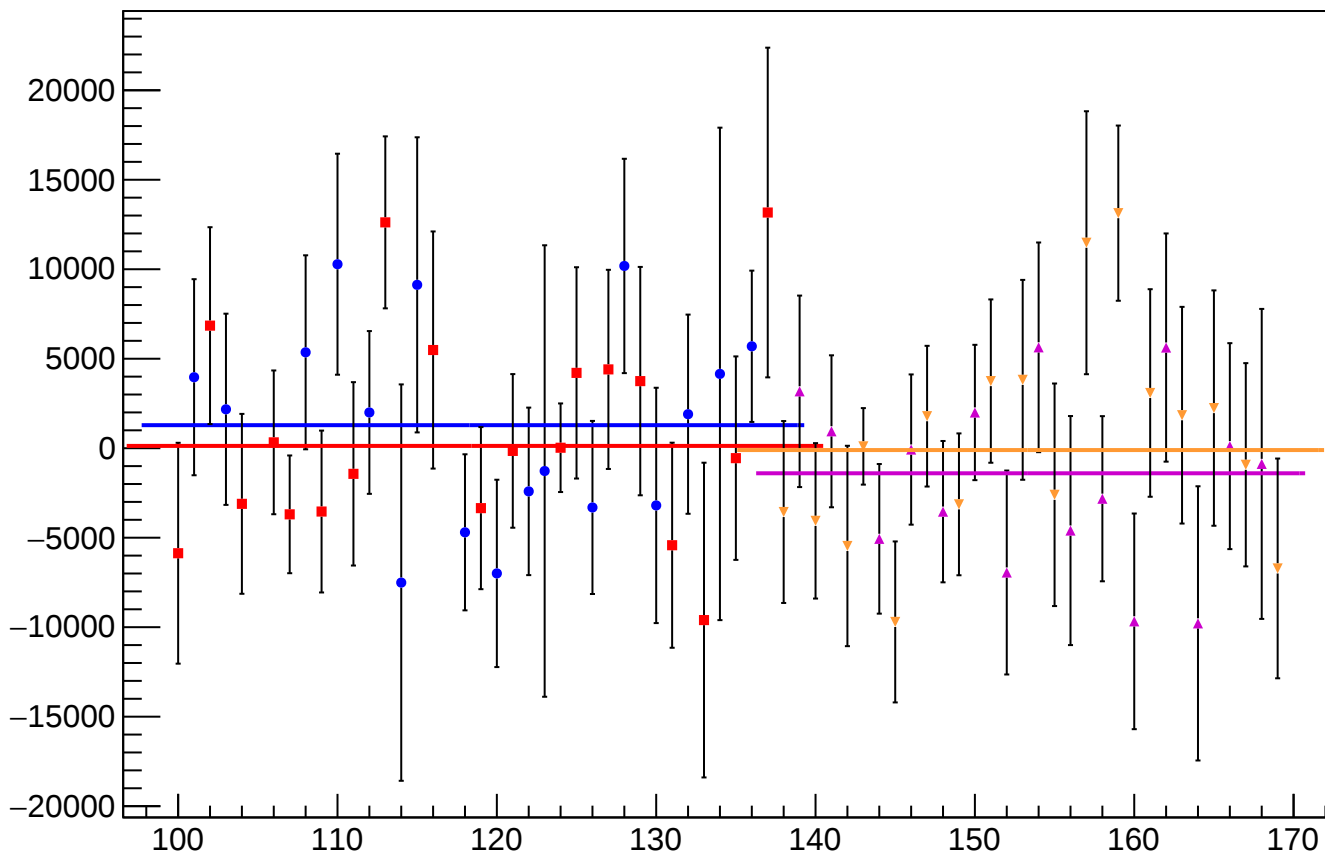
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1340.258 $\pm$ 0.223 χ^2 /NDF: 534562.2/31

Out: 1362.227 $\pm$ 0.219 χ^2 /NDF: 613223.6/35

All: 1351.431 $\pm$ 0.156 χ^2 /NDF: 1152734.4/67

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

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

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

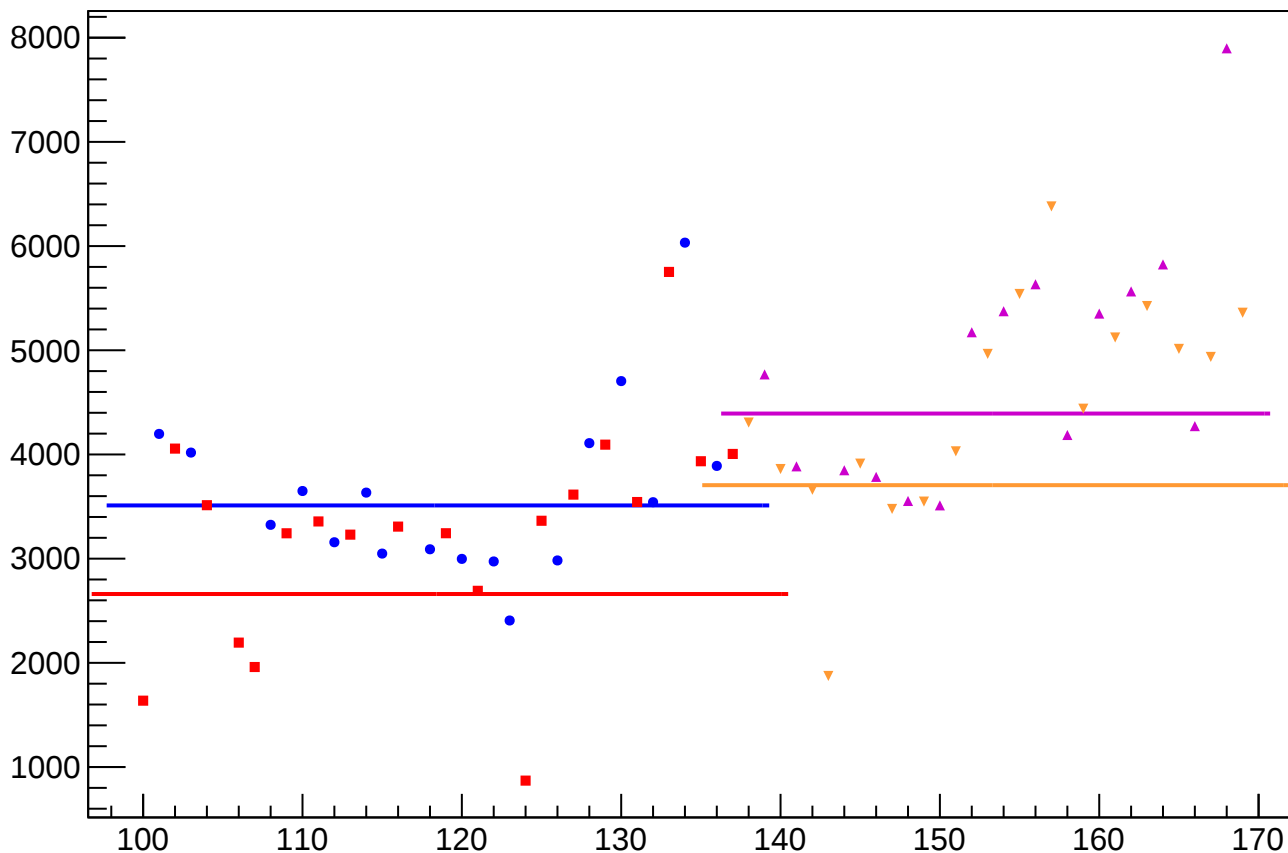
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: 14.240+/-774.144 χ^2/NDF :39.0/35

All: -40.298+/-599.816 χ^2/NDF : 65.5/67

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

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

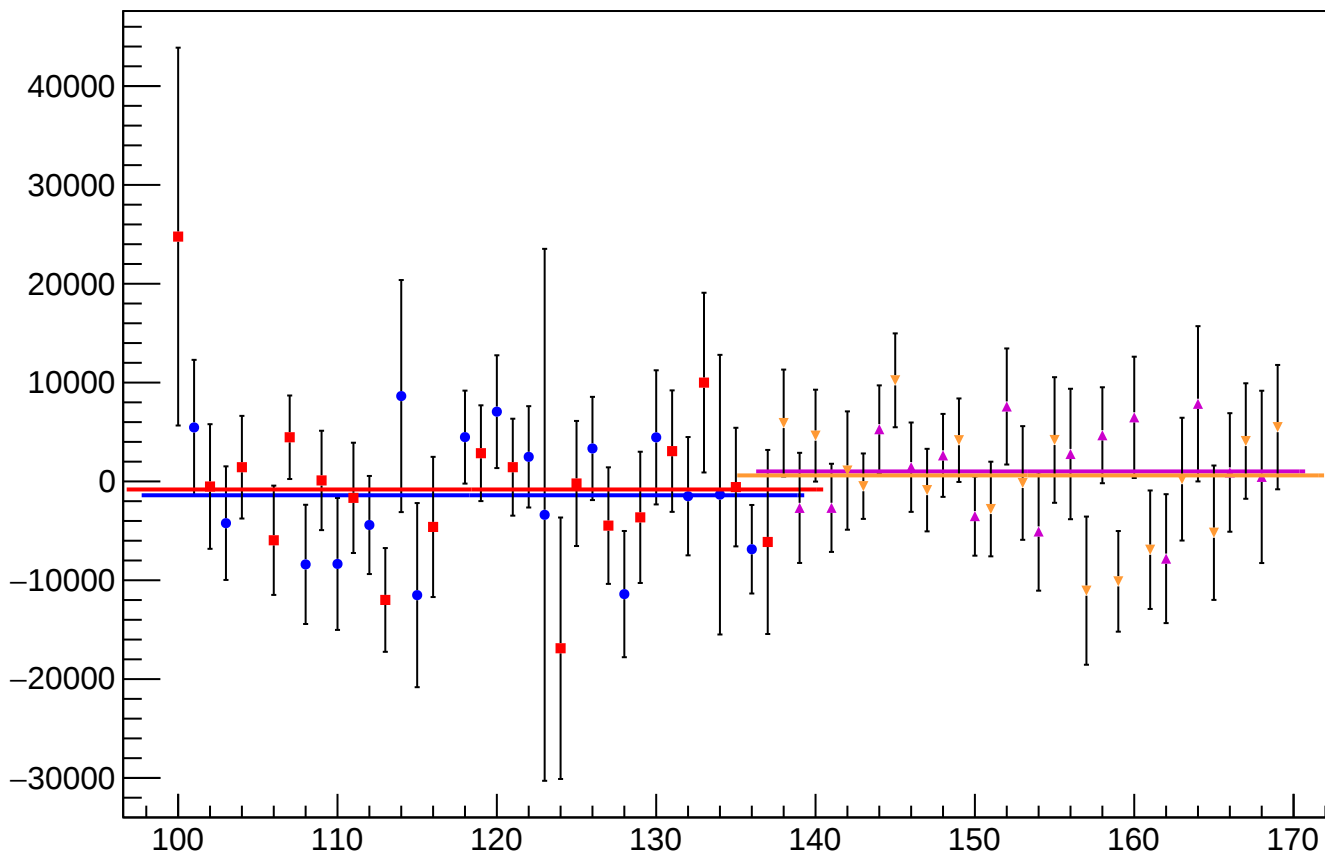
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

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

Out: 3176.622 $\pm$ 0.547 χ^2 /NDF:5800651.7/35

All: 3495.025 $\pm$ 0.424 χ^2 /NDF: 8424901.5/67

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 608.638 $\pm$ 1247.743 χ^2 /NDF:17.7/16

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

Left In: 1011.481 $\pm$ 1372.278 χ^2 /NDF:9.8/14

Left: 790.955 $\pm$ 923.182 χ^2 /NDF: 27.6/31

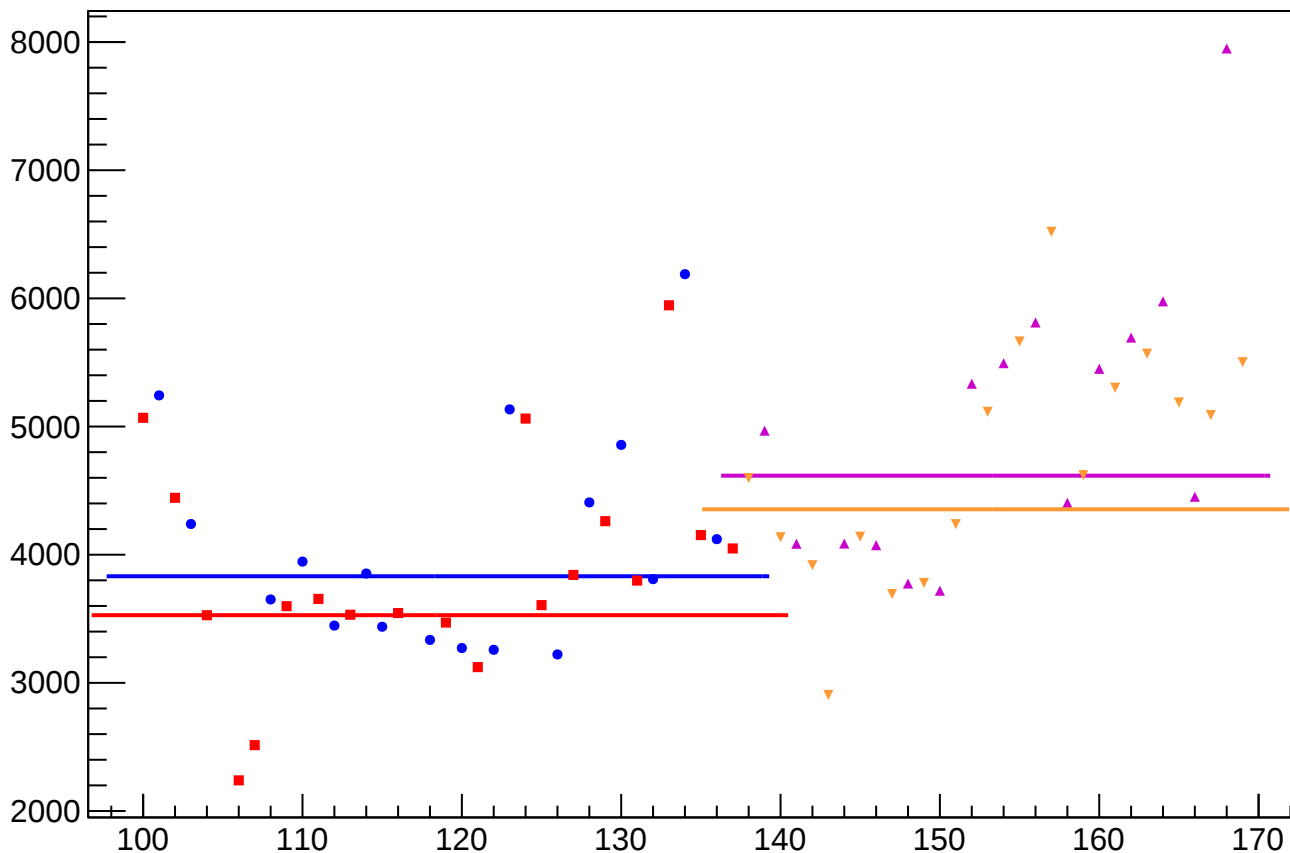
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -84.590 $\pm$ 1013.768 χ^2 /NDF:27.0/31

Out: -31.748 $\pm$ 925.253 χ^2 /NDF:32.6/35

All: -55.762 $\pm$ 683.407 χ^2 /NDF: 59.6/67

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

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

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

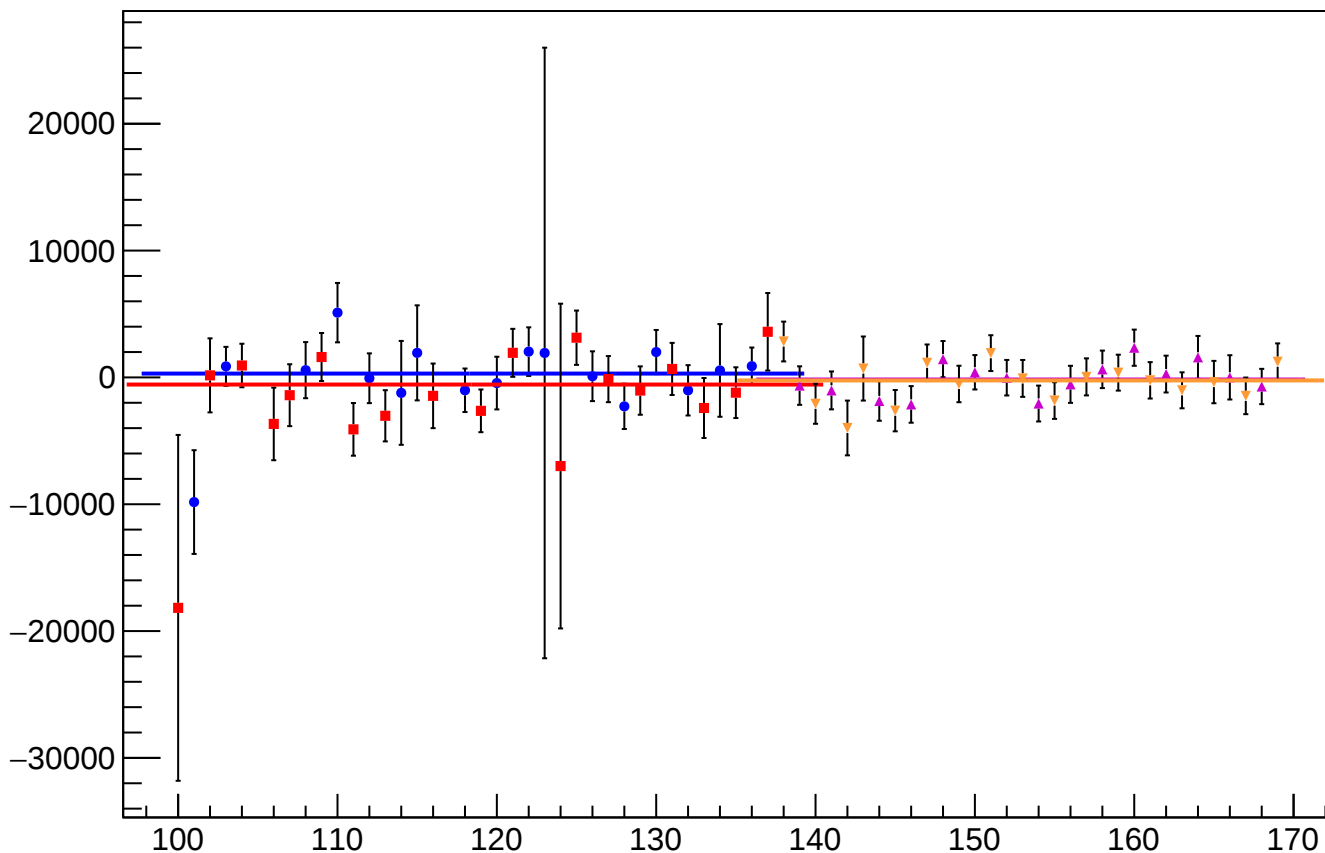
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

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

Out: 3978.639+/-0.652 χ^2/NDF :1997353.7/35

All: 4105.981+/-0.482 χ^2/NDF : 3579022.9/67

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -237.310 $\pm$ 371.618 χ^2 /NDF:17.3/16

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

Left In: -165.585 $\pm$ 380.537 χ^2 /NDF:11.5/14

Left: -202.298 $\pm$ 265.871 χ^2 /NDF: 28.8/31

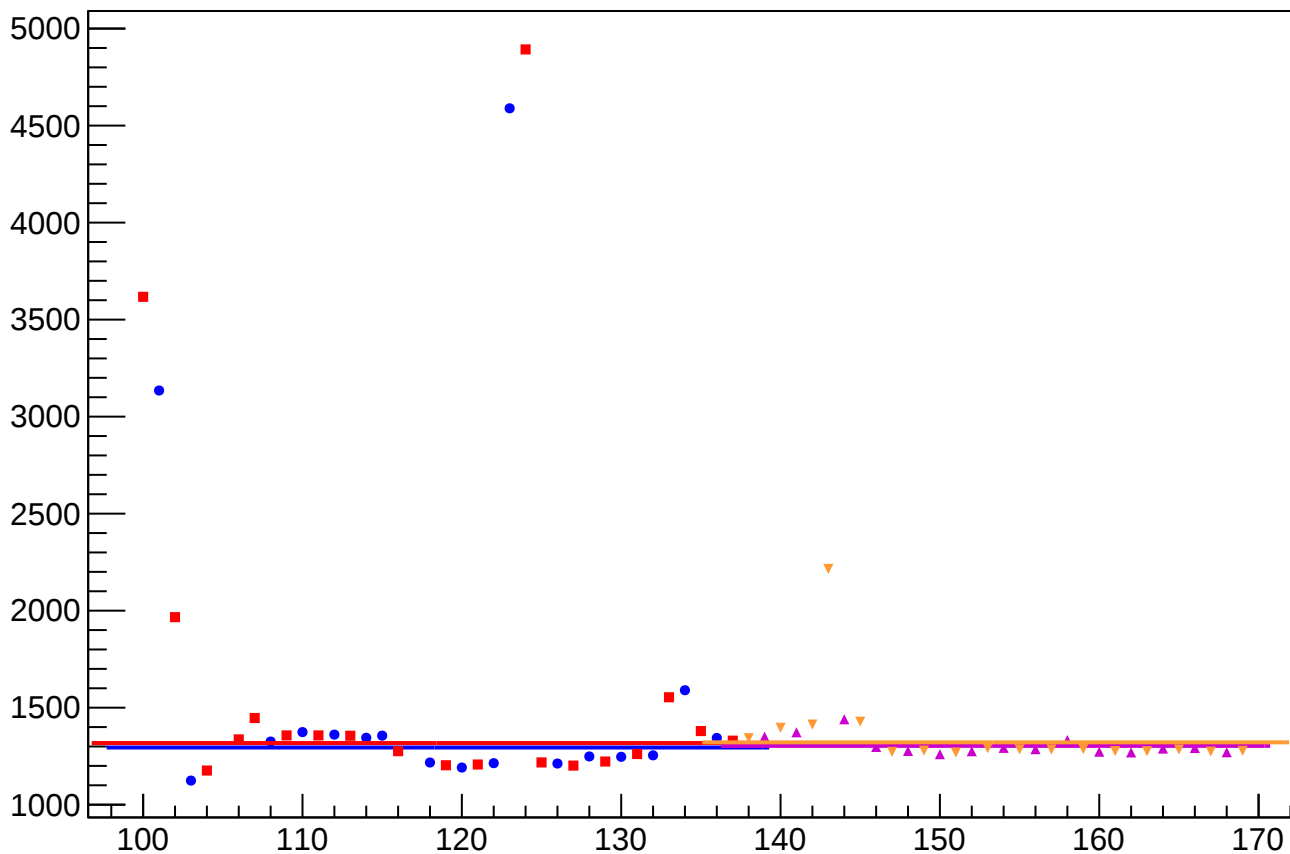
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: 0.439 $\pm$ 305.595 χ^2 /NDF:28.1/31

Out: -350.480 $\pm$ 300.000 χ^2 /NDF:36.7/35

All: -178.262 $\pm$ 214.083 χ^2 /NDF: 65.5/67

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: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

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

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

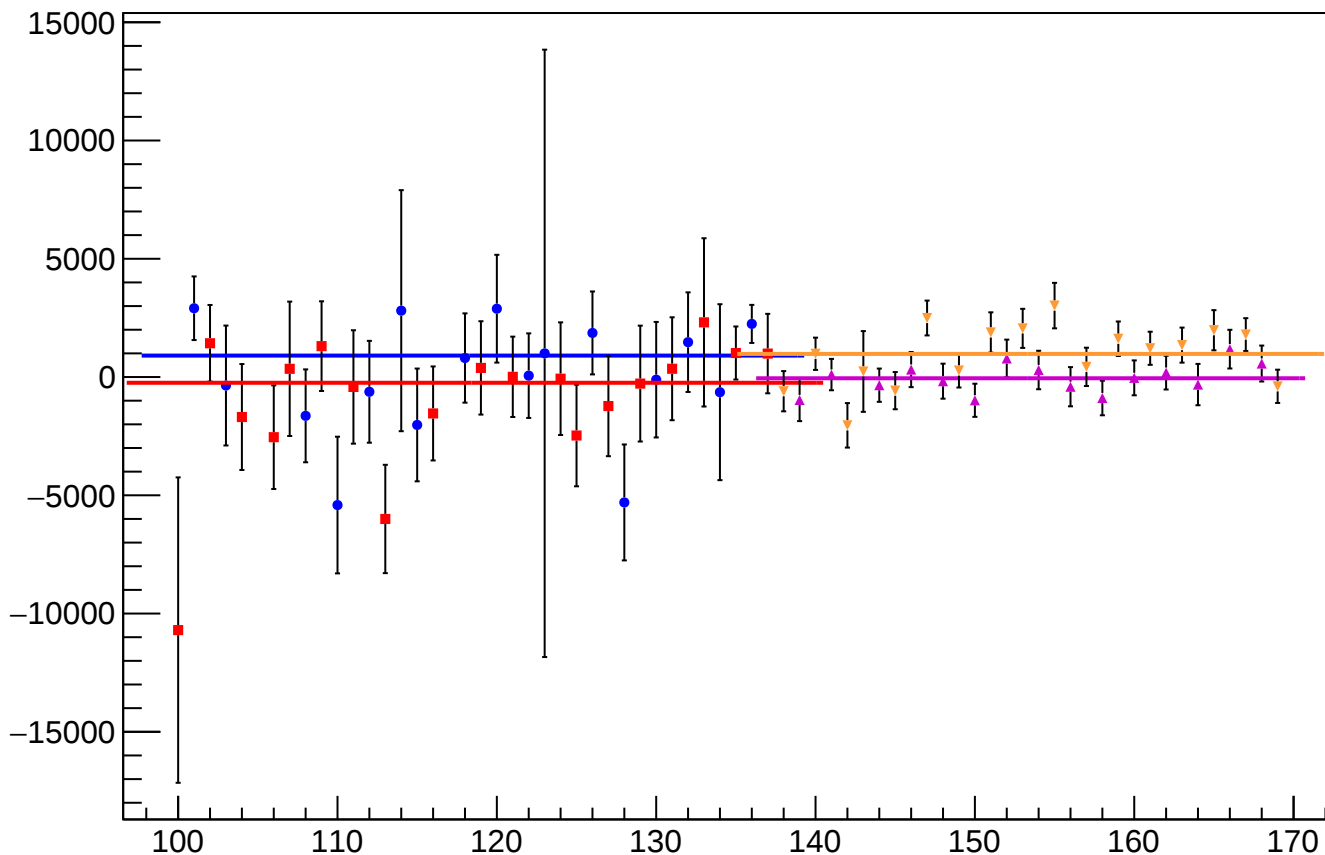
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

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

Out: 1320.124+/-0.212 χ^2/NDF : 678883.3/35

All: 1310.342+/-0.151 χ^2/NDF : 1221137.6/67

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

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

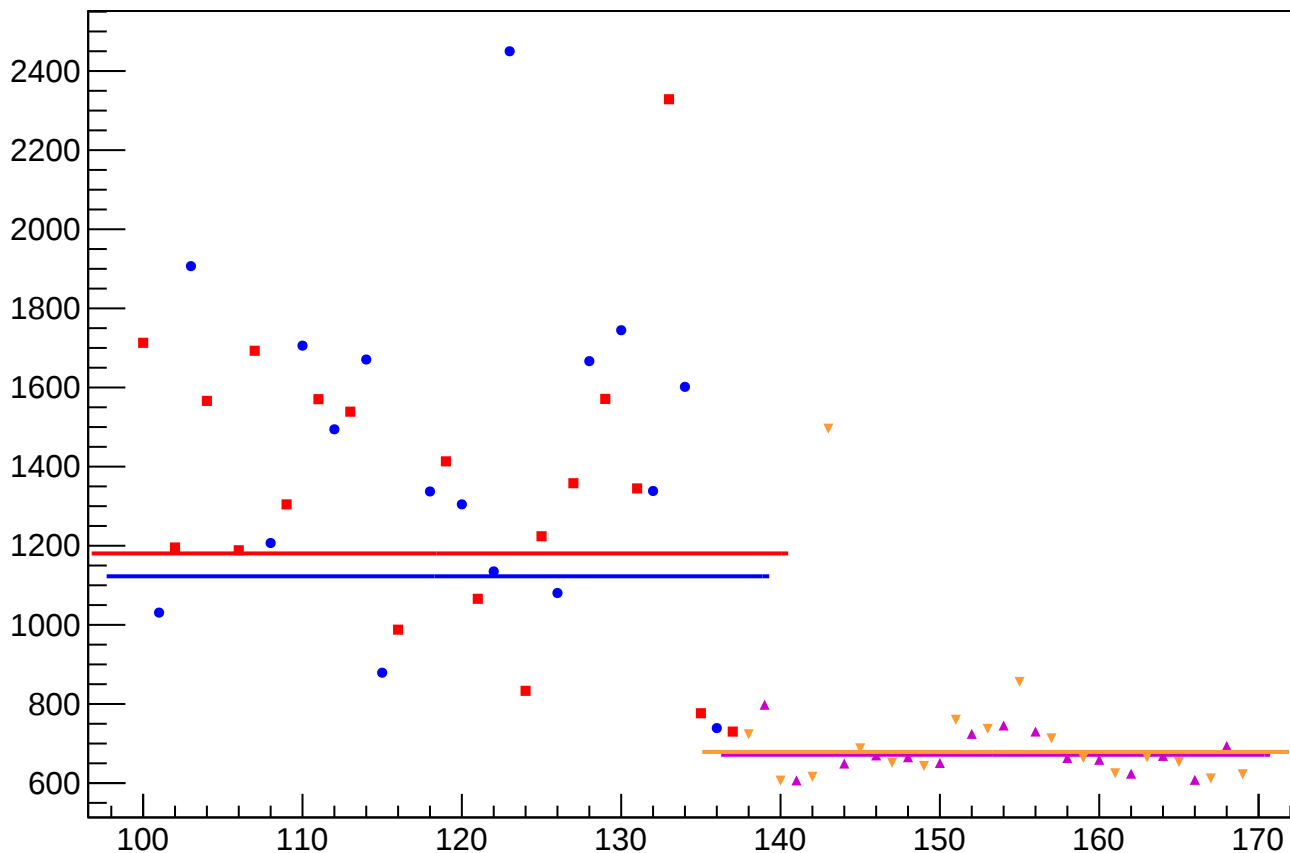
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

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

Out: 798.321 $\pm$ 177.490 χ^2 /NDF:61.0/35

All: 453.362 $\pm$ 126.455 χ^2 /NDF: 103.6/67

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

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

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

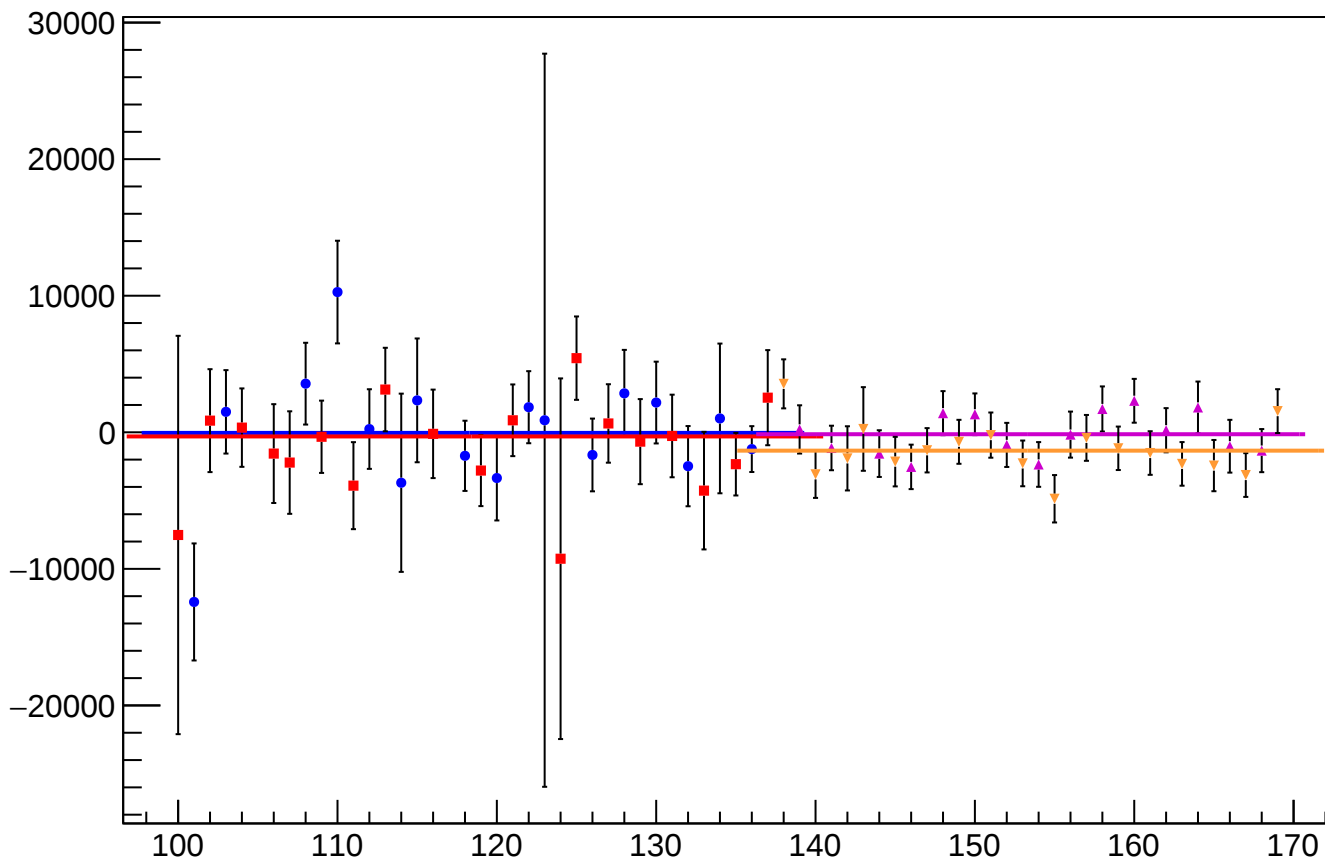
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 742.067+/-0.127 χ^2/NDF : 2963267.3/31

Out: 752.373+/-0.126 χ^2/NDF : 3686948.1/35

All: 747.298+/-0.089 χ^2/NDF : 6653536.0/67

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -1344.378 ± 420.531 $\chi^2/\text{NDF}: 19.6/16$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -141.492 ± 429.393 $\chi^2/\text{NDF}: 12.6/14$

Left: -755.475 ± 300.445 $\chi^2/\text{NDF}: 36.2/31$

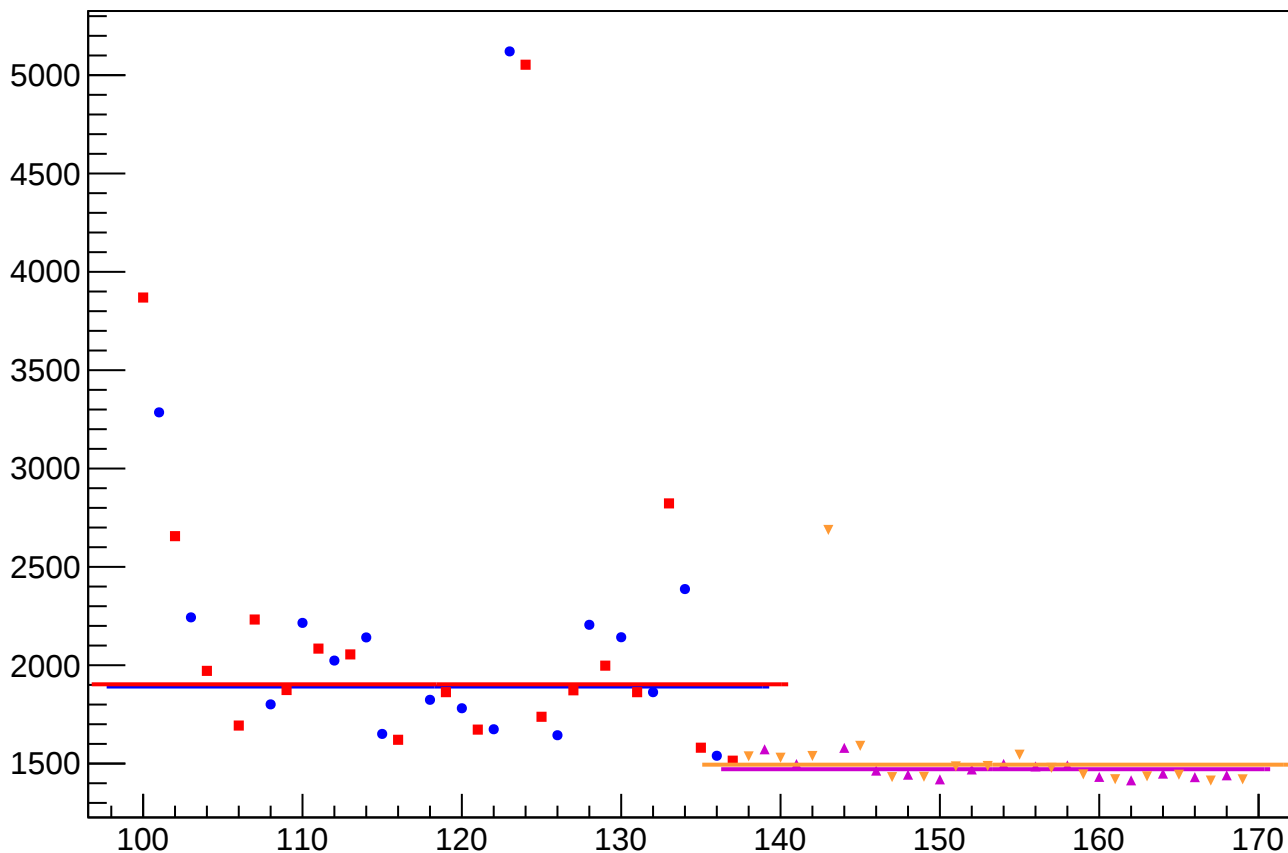
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -117.399 ± 372.344 $\chi^2/\text{NDF}: 35.9/31$

Out: -1087.442 ± 364.943 $\chi^2/\text{NDF}: 31.9/35$

All: -612.157 ± 260.631 $\chi^2/\text{NDF}: 71.2/67$

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: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1471.297+/-0.304 χ^2/NDF : 24603.1/14

Left: 1483.101+/-0.212 χ^2/NDF : 367335.6/31

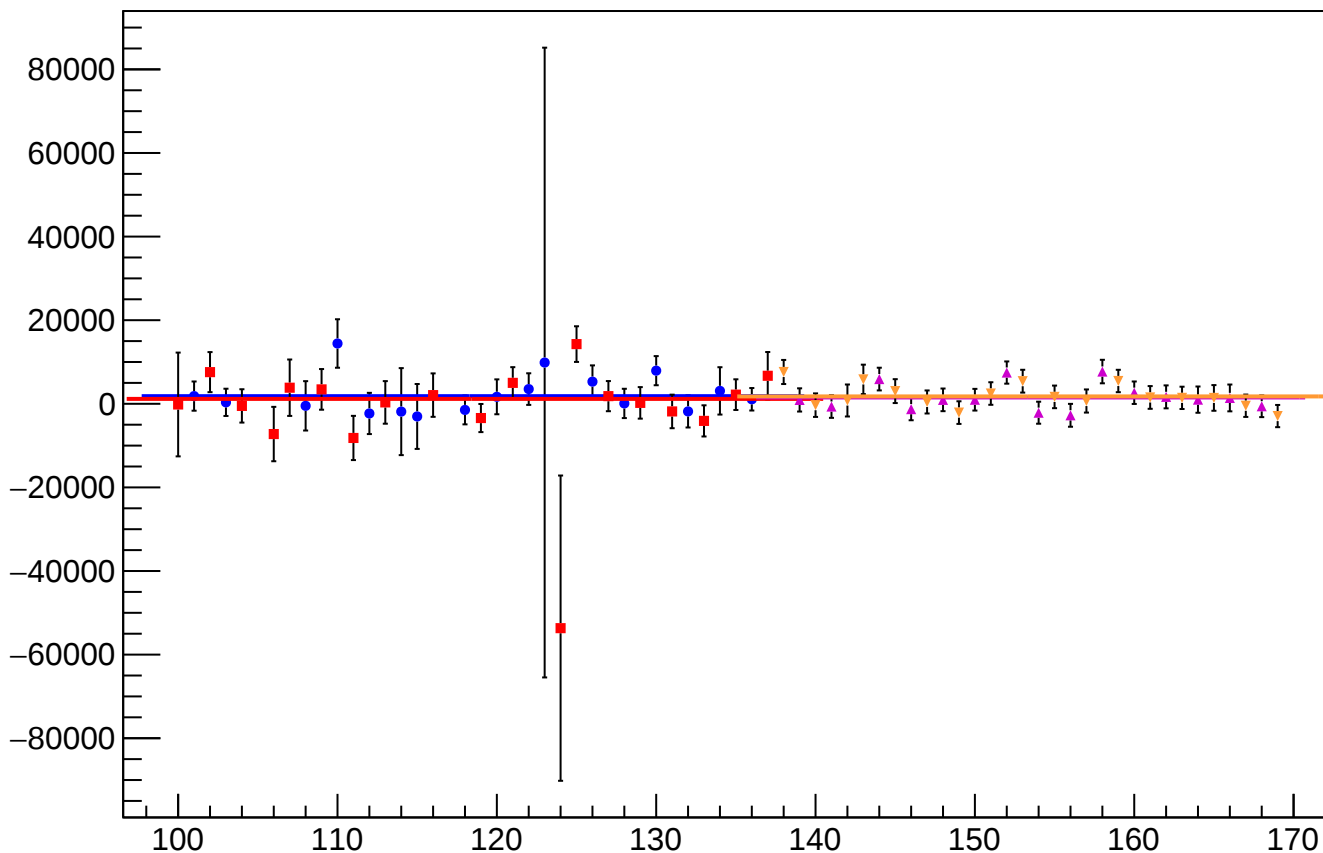
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1575.577+/-0.263 χ^2/NDF : 969195.6/31

Out: 1595.304+/-0.258 χ^2/NDF : 1266073.3/35

All: 1585.639+/-0.184 χ^2/NDF : 2238132.1/67

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: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

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

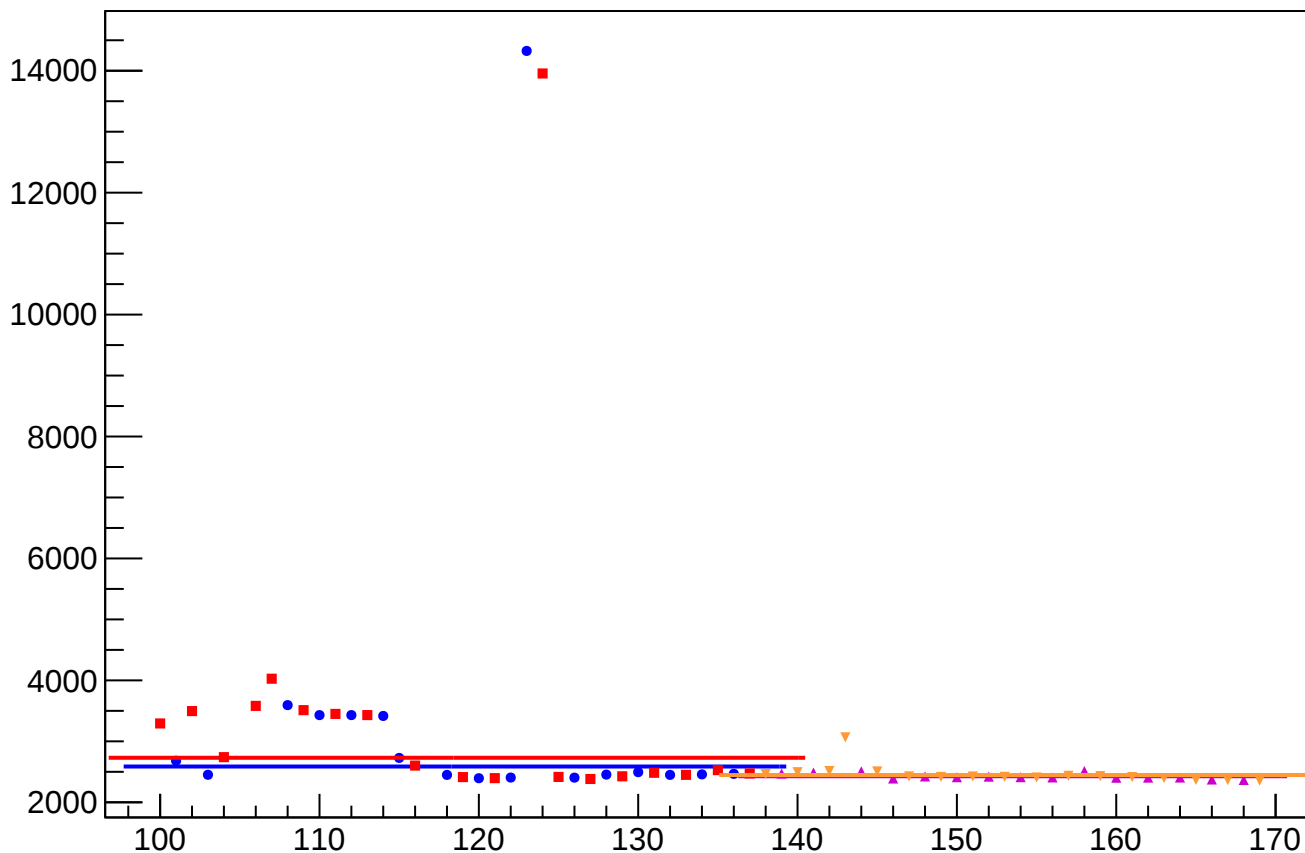
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1618.566 $\pm$ 580.046 χ^2 /NDF:32.2/31

Out: 1586.671 $\pm$ 573.314 χ^2 /NDF:42.0/35

All: 1602.433 $\pm$ 407.753 χ^2 /NDF: 74.2/67

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2447.455 $\pm$ 0.485 χ^2 /NDF: 71779.8/16

Right Out: 2730.484 $\pm$ 0.740 χ^2 /NDF: 584993.0/18

Left In: 2427.172 $\pm$ 0.501 χ^2 /NDF: 7746.7/14

Left: 2437.650 $\pm$ 0.348 χ^2 /NDF: 80373.3/31

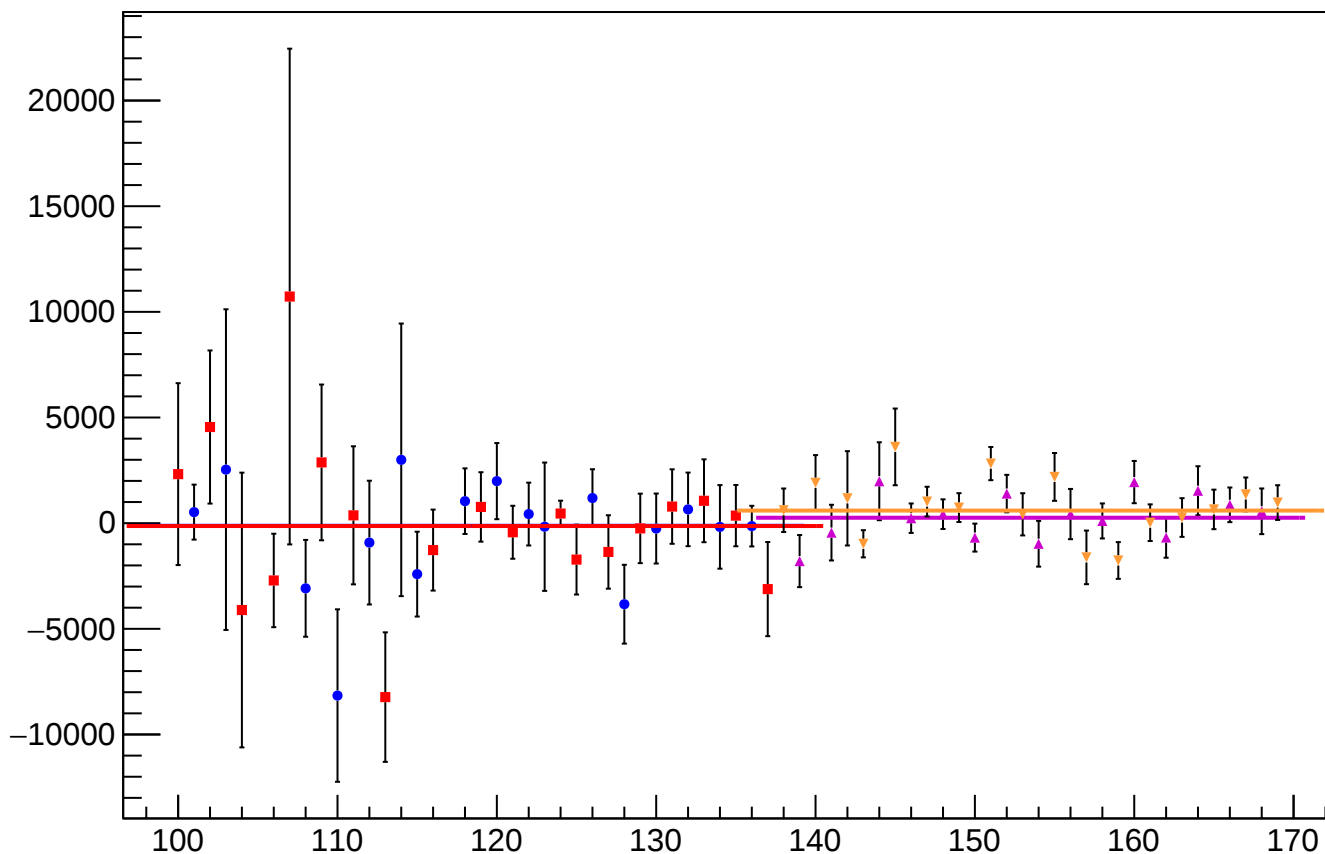
Right: 2656.218 $\pm$ 0.514 χ^2 /NDF: 858580.5/35

In: 2479.862 $\pm$ 0.410 χ^2 /NDF: 295409.3/31

Out: 2532.451 $\pm$ 0.405 χ^2 /NDF: 759191.5/35

All: 2506.464 $\pm$ 0.288 χ^2 /NDF: 1062916.5/67

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 597.007 $\pm$ 219.948 χ^2 /NDF:32.3/16

Right Out: -135.340 $\pm$ 379.439 χ^2 /NDF: 17.9/18

Left In: 256.757 $\pm$ 239.936 χ^2 /NDF:14.7/14

Left: 441.642 $\pm$ 162.133 χ^2 /NDF: 48.1/31

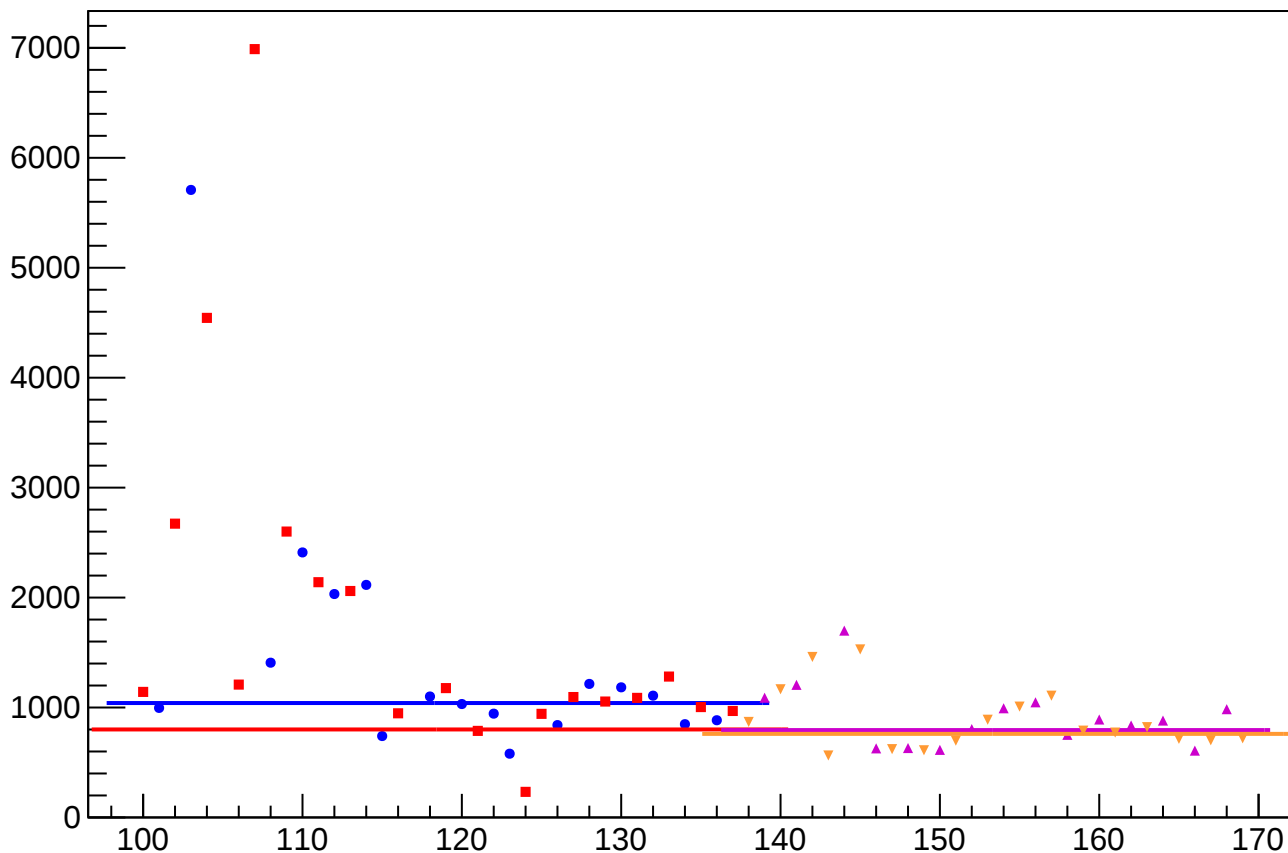
Right: -130.591 $\pm$ 284.729 χ^2 /NDF: 32.6/35

In: 166.486 $\pm$ 209.612 χ^2 /NDF:30.0/31

Out: 412.819 $\pm$ 190.289 χ^2 /NDF:53.0/35

All: 301.528 $\pm$ 140.892 χ^2 /NDF: 83.7/67

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: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 794.748+/-0.170 χ^2/NDF : 1522600.8/14

Left: 775.978+/-0.115 χ^2/NDF : 2997176.3/31

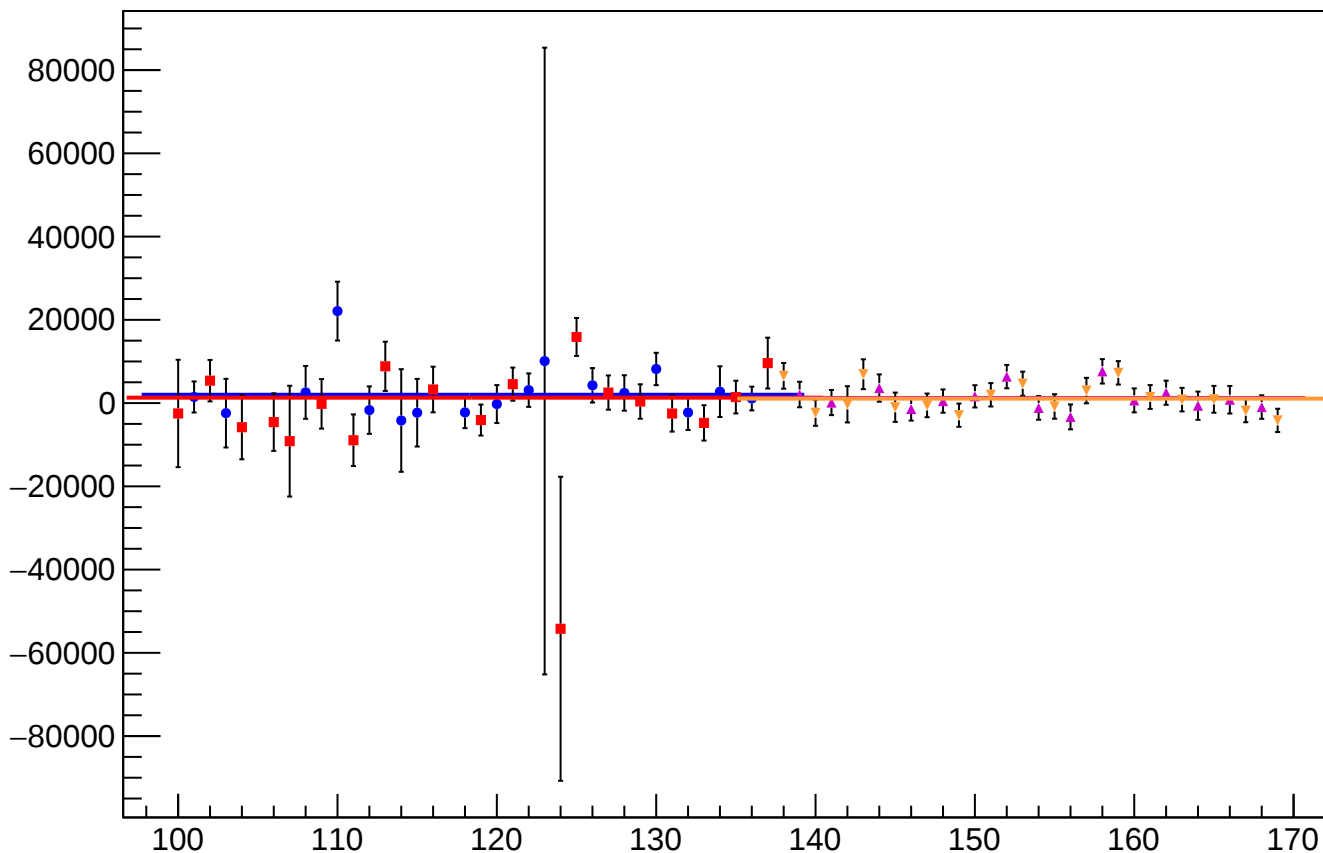
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 853.001+/-0.148 χ^2/NDF : 3593503.5/31

Out: 770.316+/-0.135 χ^2/NDF : 6655881.7/35

All: 807.673+/-0.100 χ^2/NDF : 10419991.8/67

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1076.422+/-732.519 χ^2/NDF : 21.7/16

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1231.433+/-760.992 χ^2/NDF : 14.0/14

Left: 1150.973+/-527.748 χ^2/NDF : 35.7/31

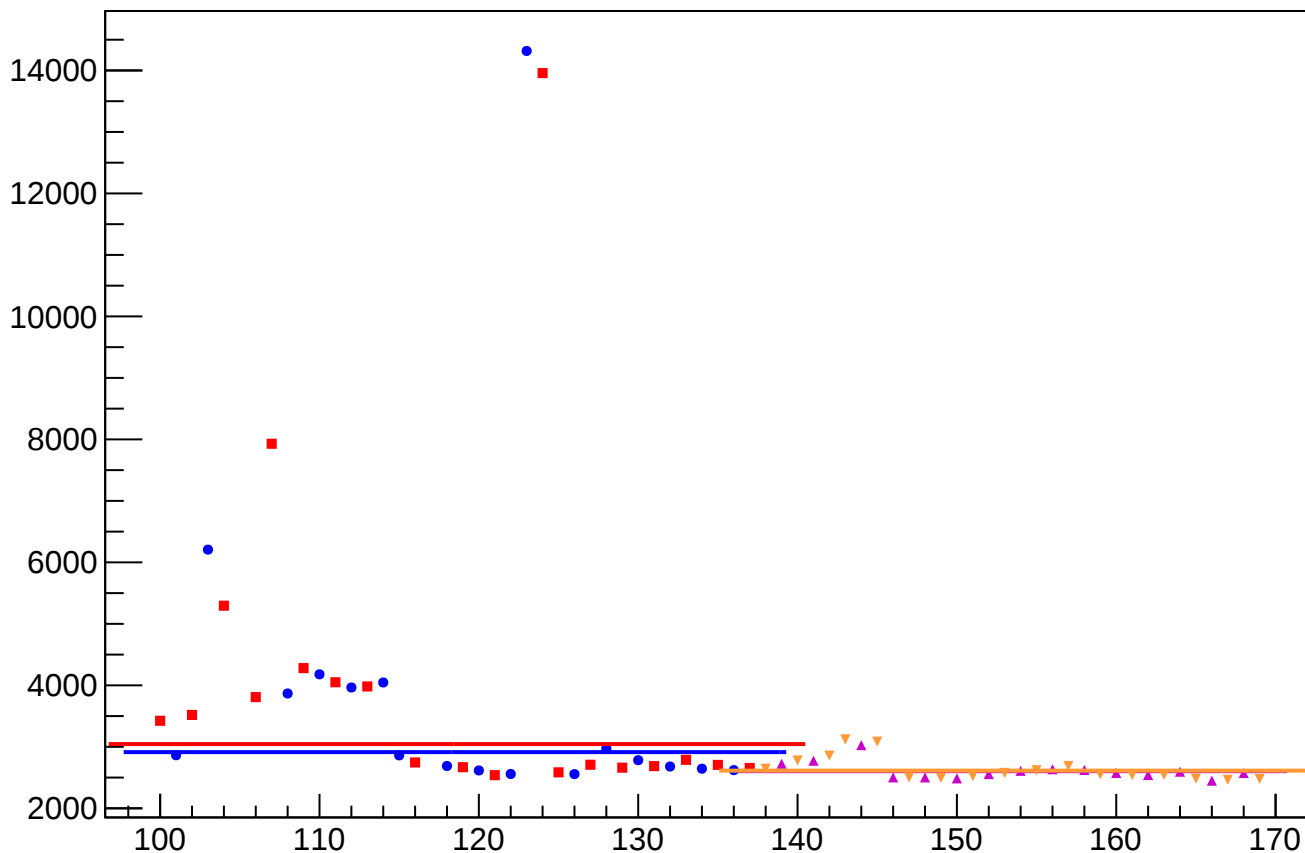
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1462.933+/-635.471 χ^2/NDF : 29.2/31

Out: 1139.096+/-623.612 χ^2/NDF : 49.3/35

All: 1297.965+/-445.094 χ^2/NDF : 78.6/67

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: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2603.937+/-0.538 χ^2/NDF : 58513.3/14

Left: 2608.691+/-0.373 χ^2/NDF : 173875.9/31

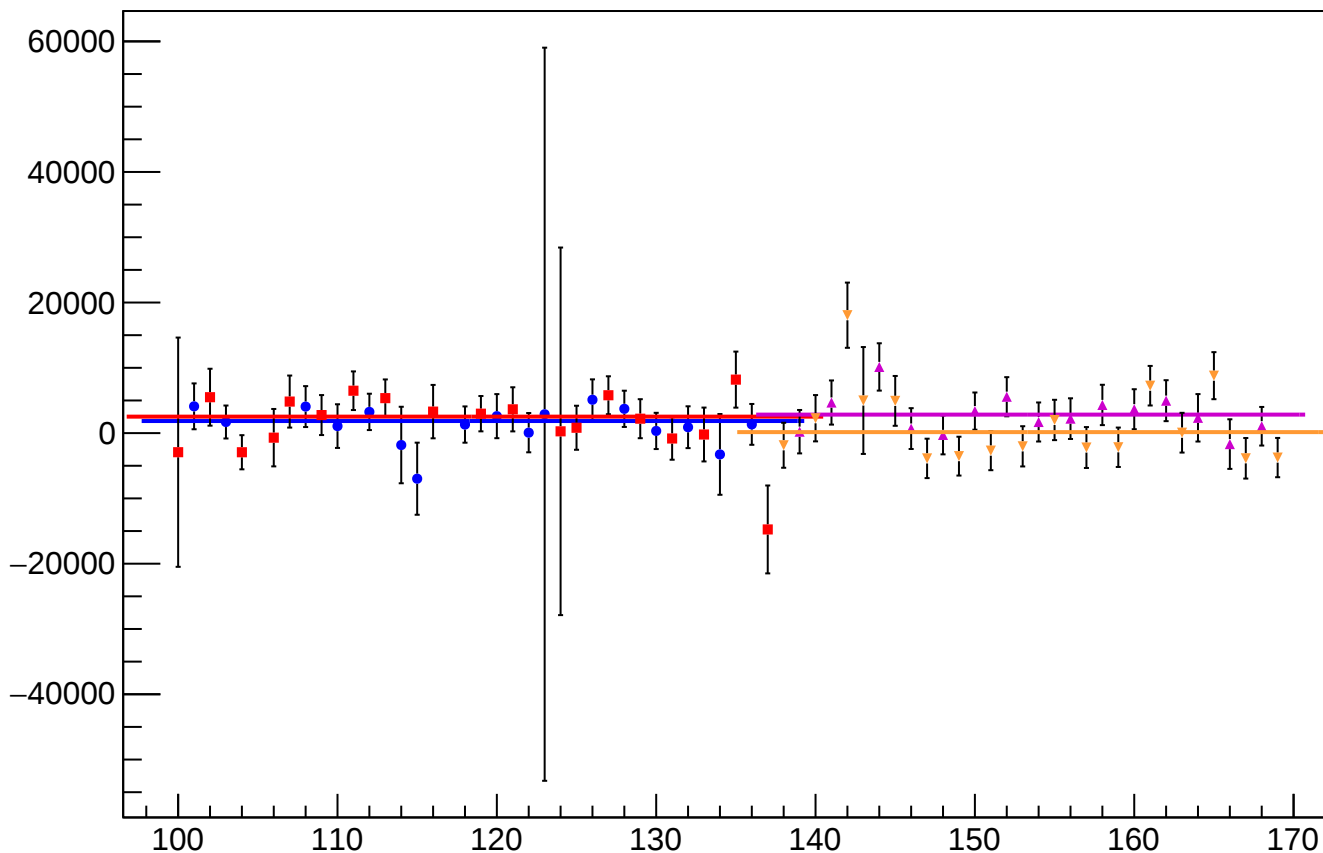
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2697.750+/-0.449 χ^2/NDF : 797914.7/31

Out: 2731.830+/-0.441 χ^2/NDF : 1311447.5/35

All: 2715.111+/-0.315 χ^2/NDF : 2112292.5/67

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: 2523.303 ± 818.432 χ^2/NDF : 20.1/18

Left In: 2833.334 ± 819.037 χ^2/NDF : 10.1/14

Left: 1466.373 ± 573.352 χ^2/NDF : 51.9/31

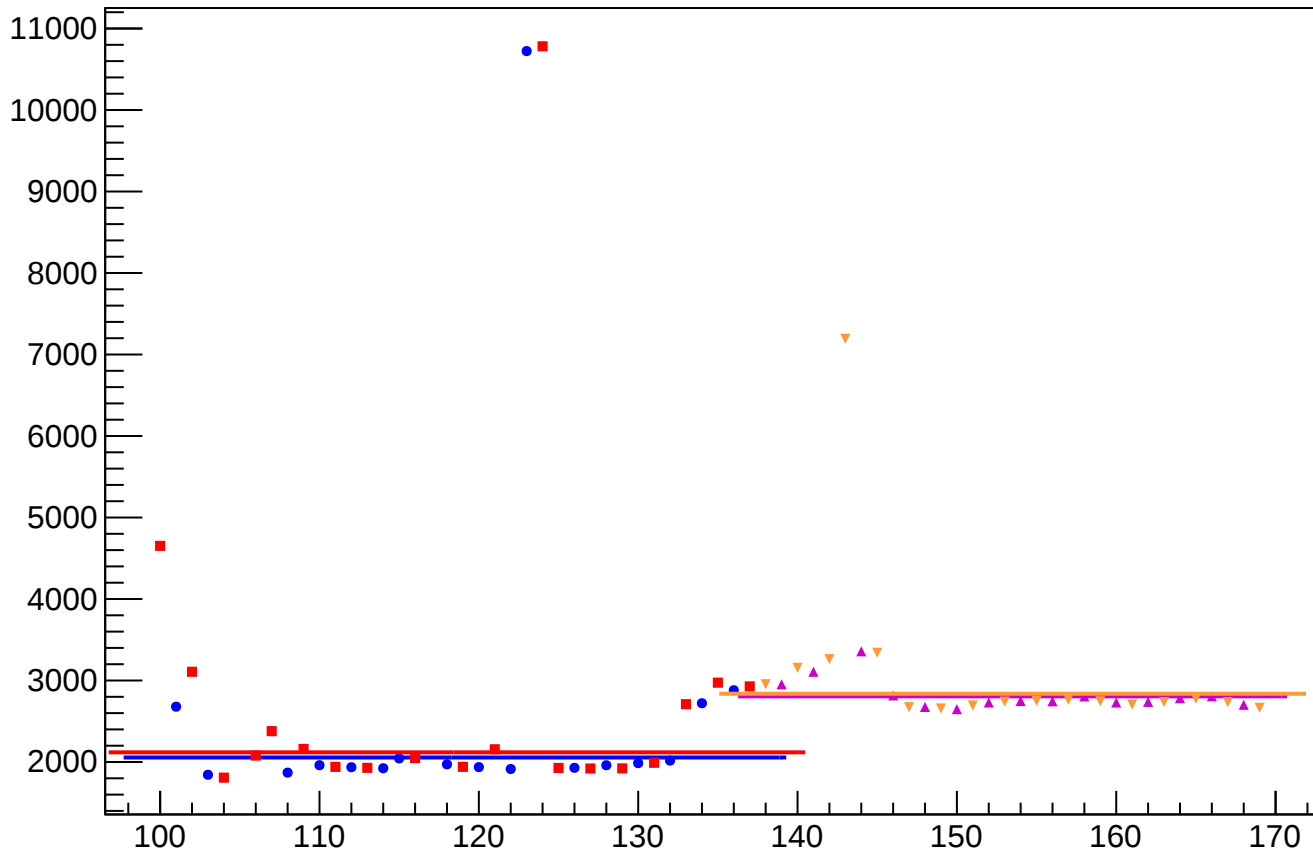
Right: 2181.863 ± 574.547 χ^2/NDF : 27.7/35

In: 2334.289 ± 574.757 χ^2/NDF : 18.1/31

Out: 1315.321 ± 573.144 χ^2/NDF : 60.7/35

All: 1823.373 ± 405.843 χ^2/NDF : 80.4/67

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: 2118.803 ± 0.578 χ^2/NDF : 573725.8/18

Left In: 2805.441 ± 0.579 χ^2/NDF : 83639.5/14

Left: 2821.925 ± 0.405 χ^2/NDF : 758617.7/31

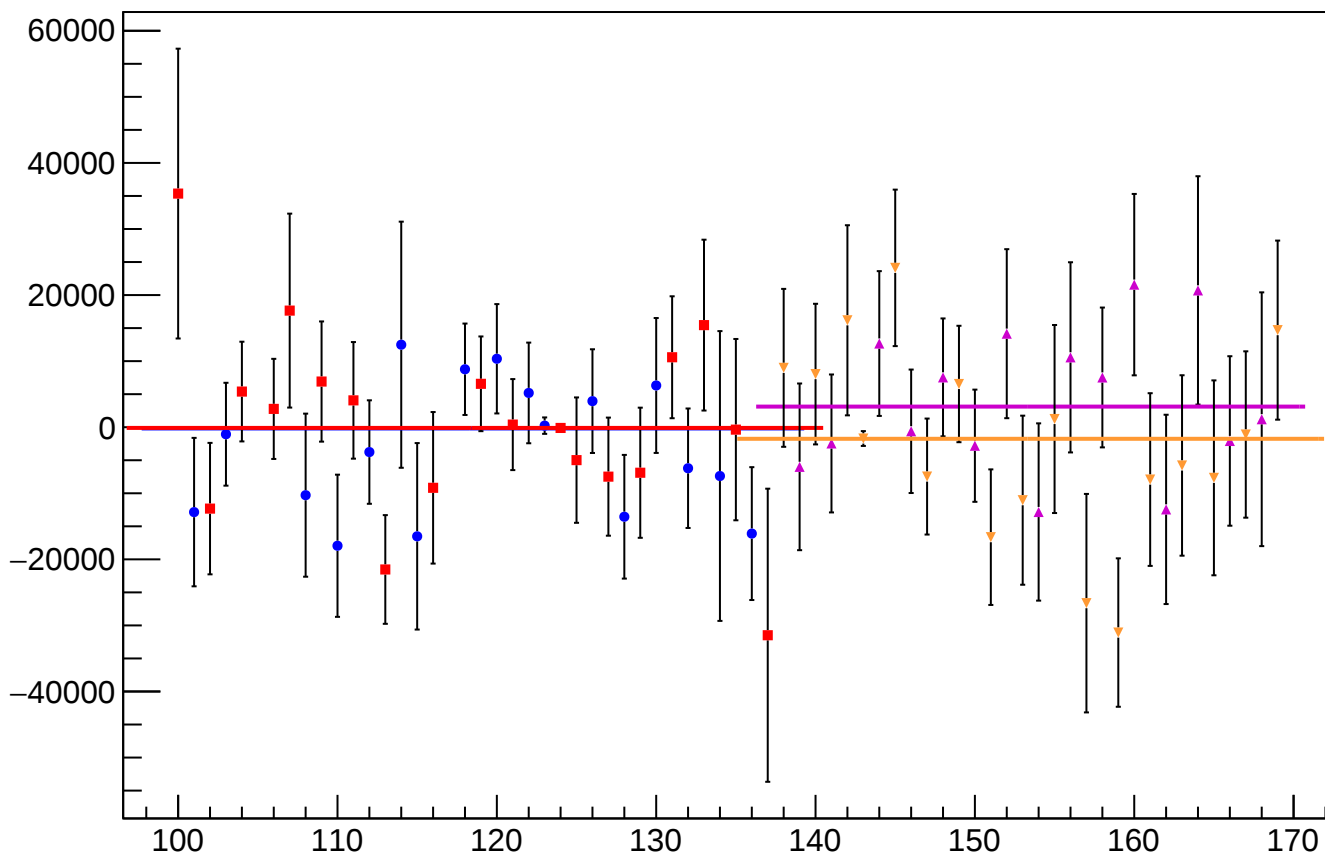
Right: 2086.718 ± 0.406 χ^2/NDF : 896197.4/35

In: 2424.780 ± 0.406 χ^2/NDF : 1251197.8/31

Out: 2484.637 ± 0.405 χ^2/NDF : 2034808.9/35

All: 2454.815 ± 0.287 χ^2/NDF : 3296890.9/67

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1754.116+/-1049.831 χ^2/NDF : 23.0/16

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 3120.269+/-3023.011 χ^2/NDF : 9.3/14

Left: -1229.517+/-991.730 χ^2/NDF : 34.6/31

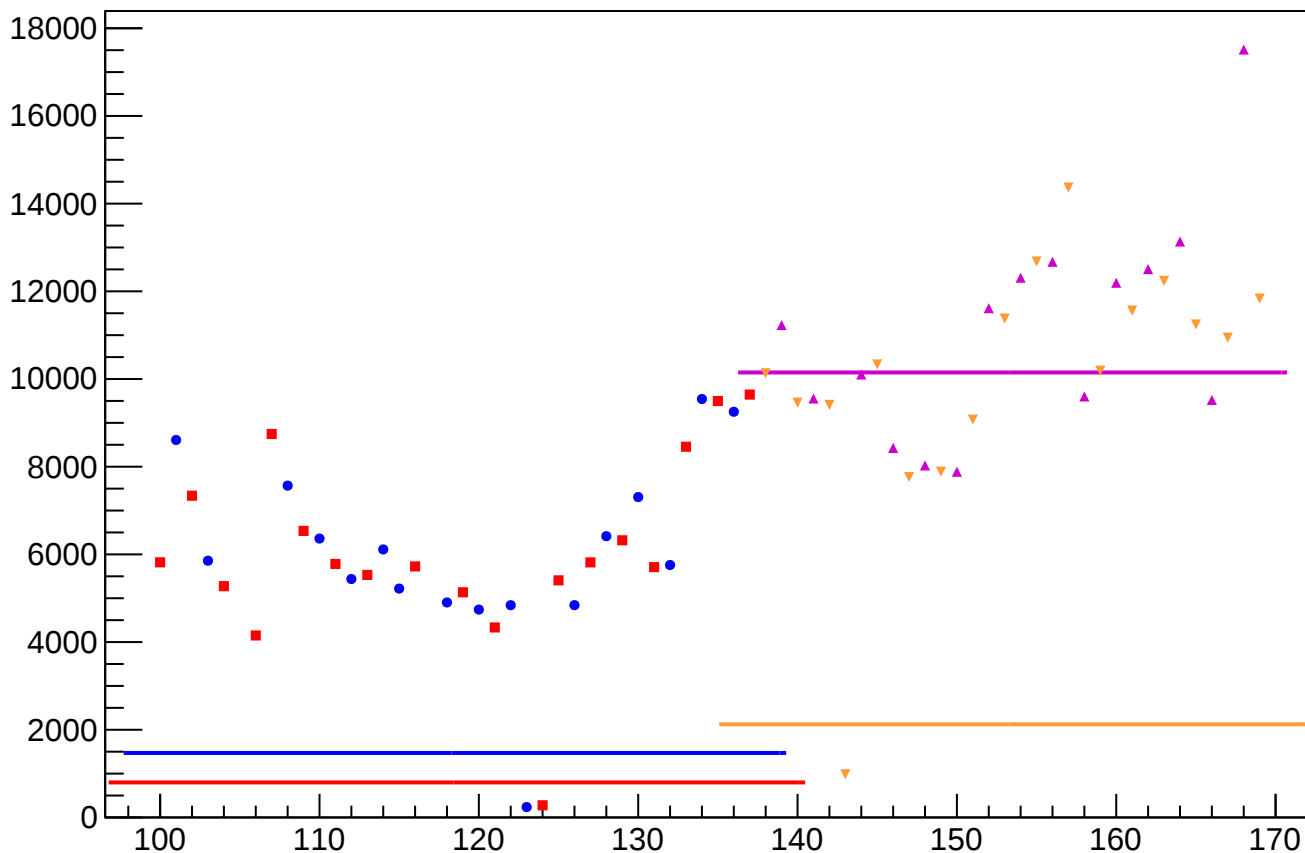
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 201.732+/-1034.340 χ^2/NDF : 26.7/31

Out: -604.330+/-576.980 χ^2/NDF : 46.3/35

All: -413.034+/-503.885 χ^2/NDF : 73.4/67

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778

χ^2 /NDF: 9788255.4/16

Left: 2987.977 $\pm$ 0.701

χ^2 /NDF: 30698372.0/31

Left Out: 2124.275 $\pm$ 0.742

χ^2 /NDF: 17173799.7/16

Right: 988.724 $\pm$ 0.414

χ^2 /NDF: 21852108.4/35

Right Out: 798.642 $\pm$ 0.488

χ^2 /NDF: 11527481.4/18

In: 2487.532 $\pm$ 0.731

χ^2 /NDF: 25286190.0/31

Out: 1199.054 $\pm$ 0.408

χ^2 /NDF: 30926950.0/35

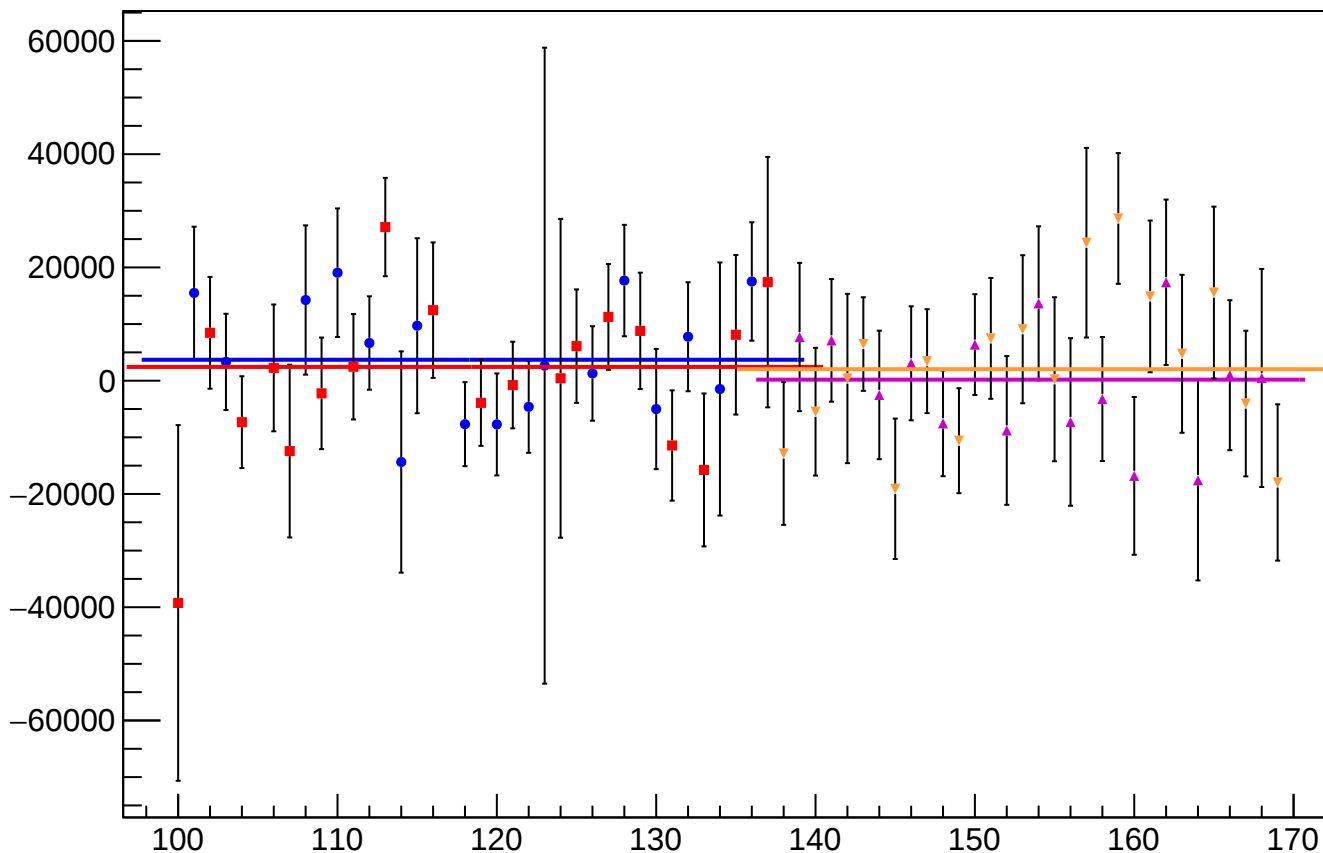
Left In: 10149.487 $\pm$ 2.138

χ^2 /NDF: 946571.2/14

All: 1504.837 $\pm$ 0.356

χ^2 /NDF: 58580144.3/6

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 2030.546+/-2884.925 χ^2 /NDF:18.7/16

Right Out: 2430.229+/-2421.418 χ^2 /NDF: 20.3/18

Left In: 186.038+/-3136.695 χ^2 /NDF:7.7/14

Left: 1185.278+/-2123.387 χ^2 /NDF: 26.6/31

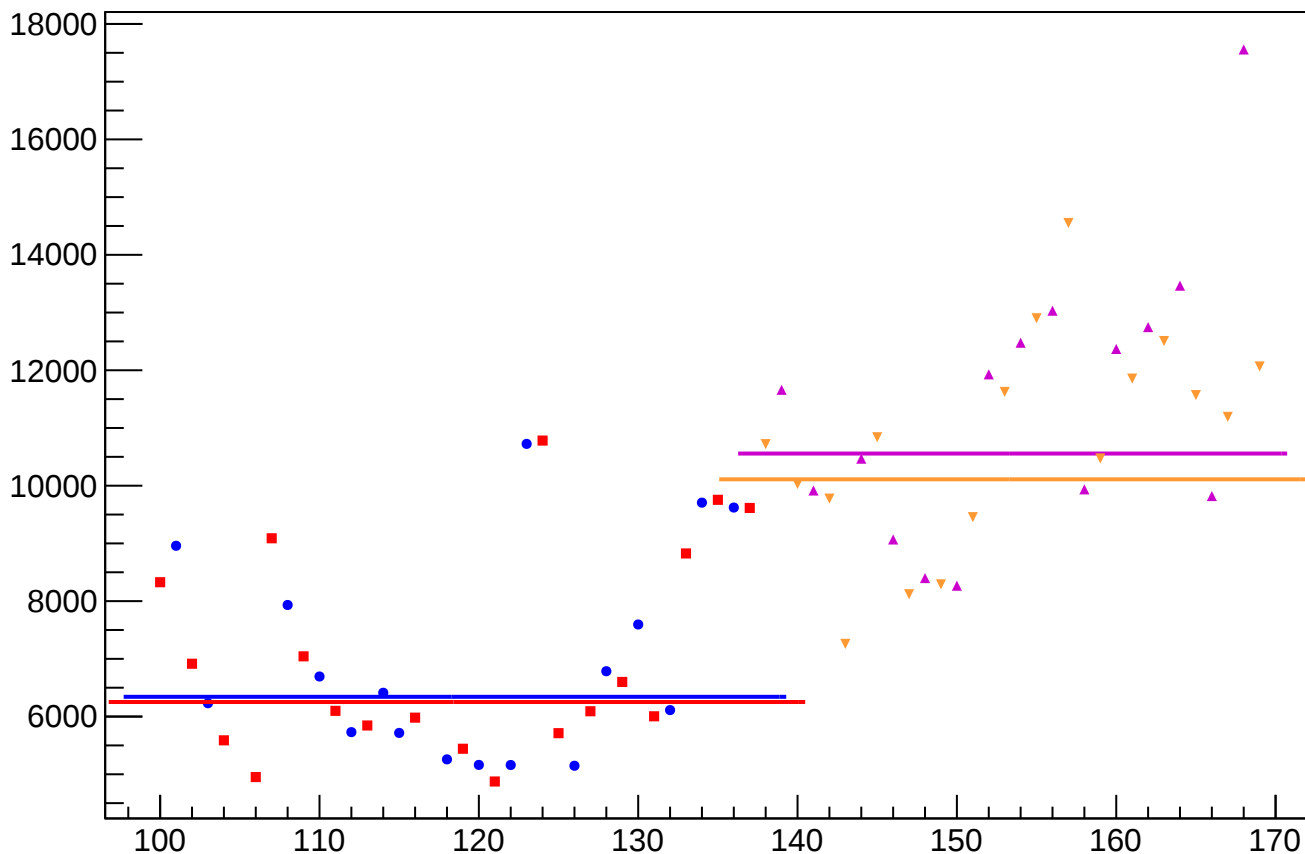
Right: 3039.559+/-1745.330 χ^2 /NDF: 34.8/35

In: 2322.028+/-1963.561 χ^2 /NDF:22.9/31

Out: 2265.035+/-1854.699 χ^2 /NDF:39.0/35

All: 2291.908+/-1348.313 χ^2 /NDF: 61.9/67

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

Left In: 10557.165+/-2.218 χ^2/NDF : 831853.0/14

Left: 10315.248+/-1.501 χ^2/NDF : 1693073.3/31

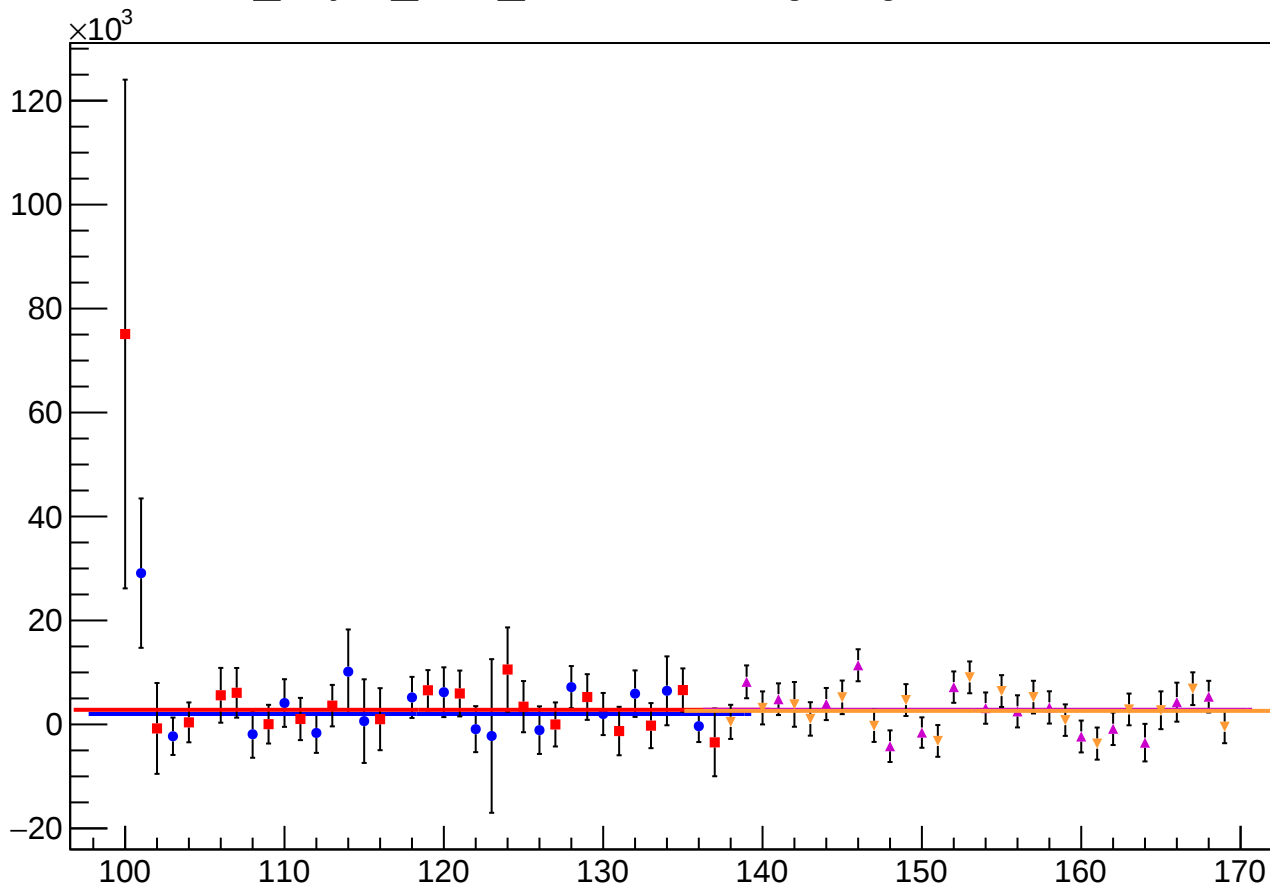
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7993.994+/-1.388 χ^2/NDF : 3621580.1/31

Out: 7846.803+/-1.311 χ^2/NDF : 3476305.6/35

All: 7916.204+/-0.953 χ^2/NDF : 7103825.3/67

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: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 2821.929+/-807.164 χ^2/NDF : 29.0/14

Left: 2710.245+/-558.717 χ^2/NDF : 49.3/31

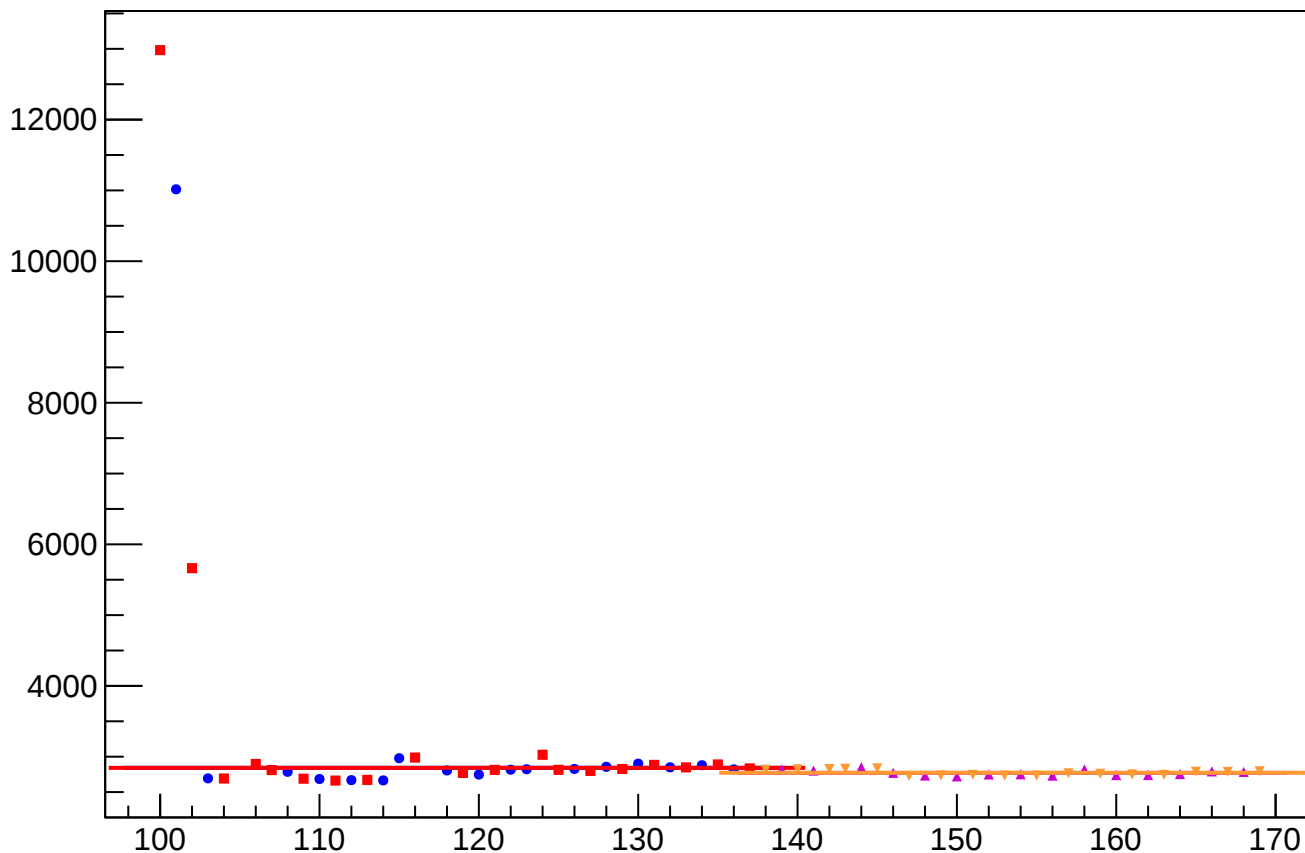
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2544.308+/-655.910 χ^2/NDF : 43.0/31

Out: 2676.264+/-630.491 χ^2/NDF : 30.8/35

All: 2612.892+/-454.545 χ^2/NDF : 73.8/67

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: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2770.521+/-0.571 χ^2/NDF : 4507.9/14

Left: 2771.539+/-0.395 χ^2/NDF : 9077.4/31

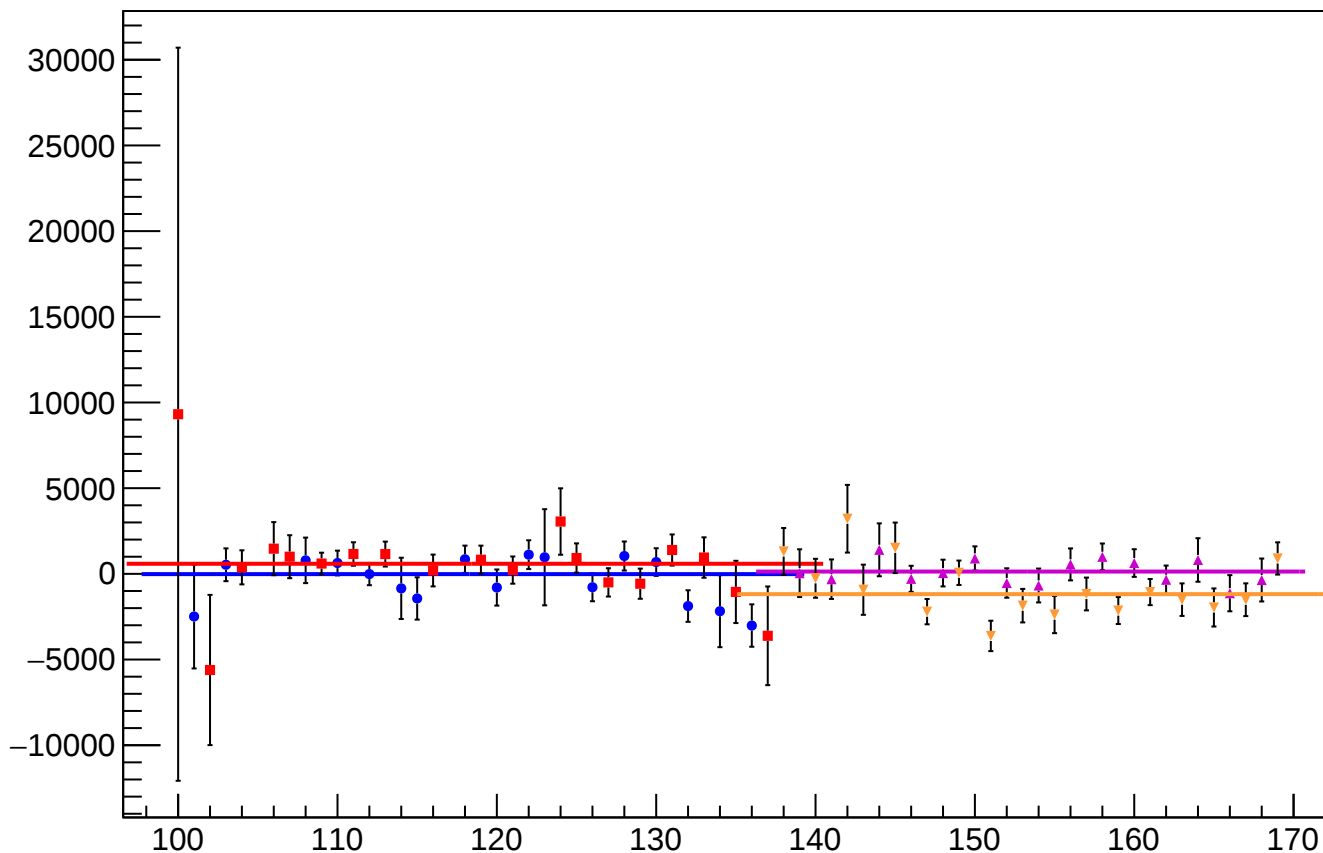
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2795.013+/-0.464 χ^2/NDF : 670234.5/31

Out: 2796.035+/-0.446 χ^2/NDF : 322399.2/35

All: 2795.544+/-0.321 χ^2/NDF : 992636.2/67

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -1184.347 ± 235.420 $\chi^2/\text{NDF}: 33.7/16$

Right Out: 588.581 ± 225.799 $\chi^2/\text{NDF}: 13.5/18$

Left In: 134.400 ± 239.677 $\chi^2/\text{NDF}: 7.6/14$

Left: -536.788 ± 167.952 $\chi^2/\text{NDF}: 56.7/31$

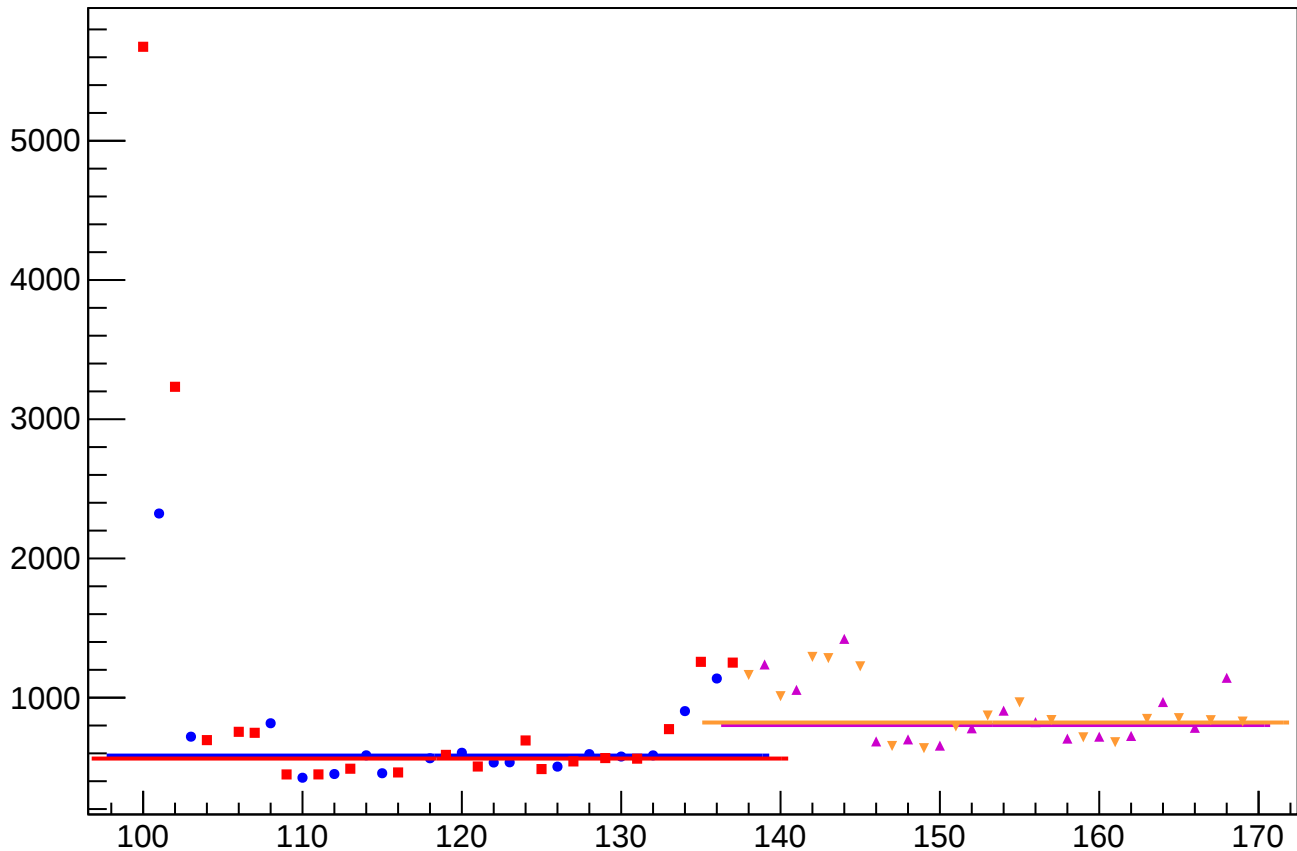
Right: 303.449 ± 164.088 $\chi^2/\text{NDF}: 38.5/35$

In: 59.129 ± 169.188 $\chi^2/\text{NDF}: 29.4/31$

Out: -260.914 ± 162.959 $\chi^2/\text{NDF}: 76.7/35$

All: -106.892 ± 117.370 $\chi^2/\text{NDF}: 108.0/67$

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: 562.692 ± 0.160 χ^2/NDF : 1639562.8/18

Left In: 803.456 ± 0.169 χ^2/NDF : 1060401.4/14

Left: 812.666 ± 0.119 χ^2/NDF : 2100942.7/31

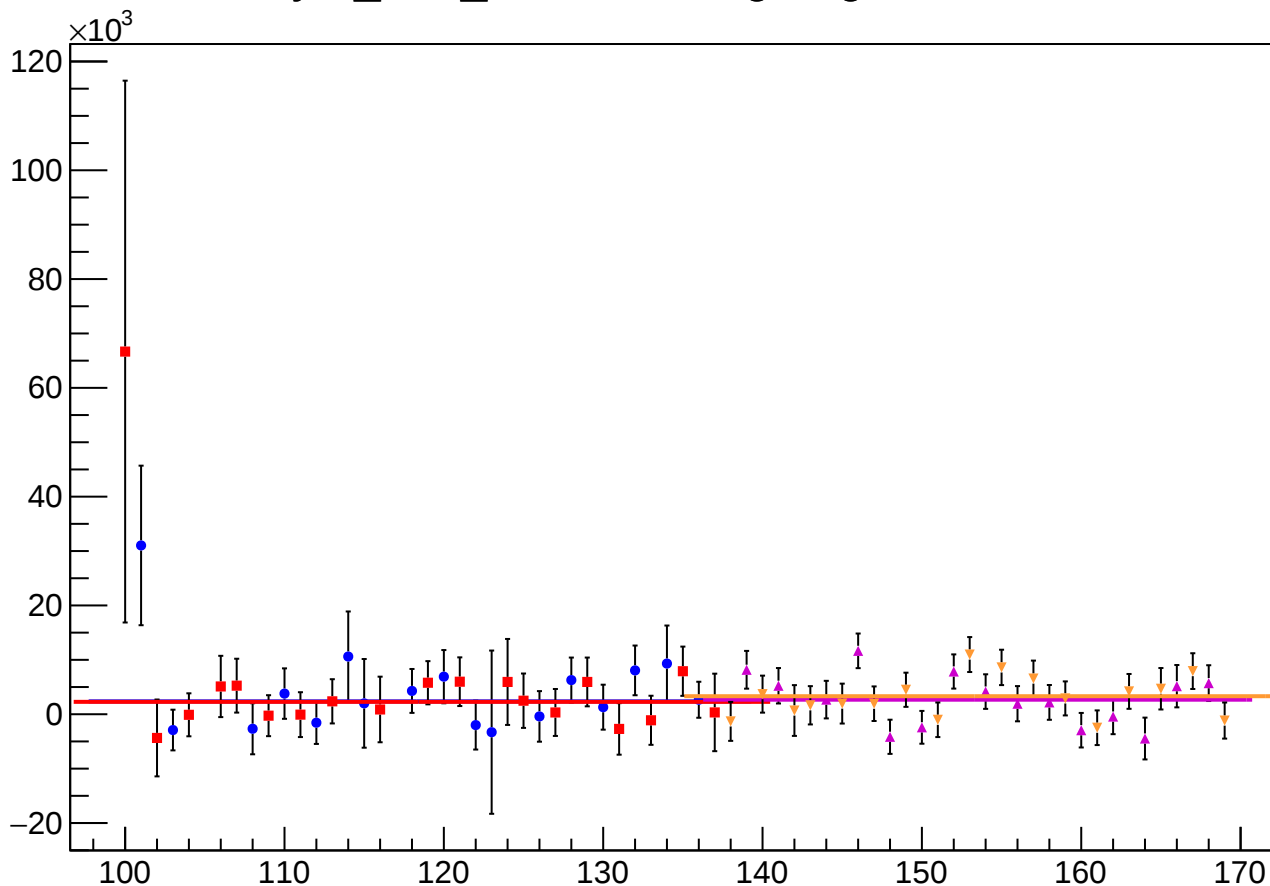
Right: 572.773 ± 0.116 χ^2/NDF : 3084624.9/35

In: 693.382 ± 0.120 χ^2/NDF : 3337827.2/31

Out: 686.724 ± 0.115 χ^2/NDF : 3933768.0/35

All: 689.928 ± 0.083 χ^2/NDF : 7273202.0/67

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: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

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

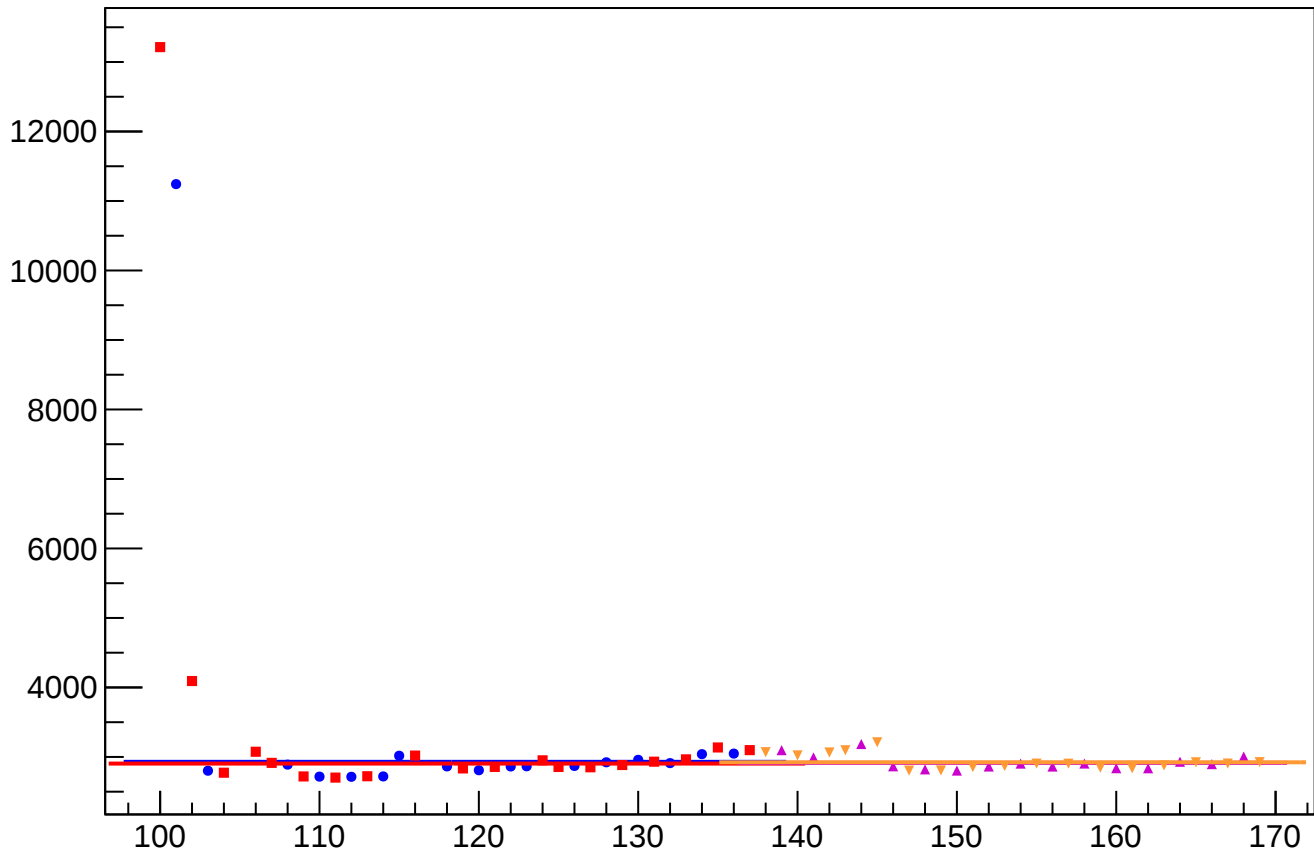
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2564.571 $\pm$ 685.420 χ^2 /NDF:45.5/31

Out: 2950.070 $\pm$ 658.216 χ^2 /NDF:32.0/35

All: 2765.122 $\pm$ 474.755 χ^2 /NDF: 77.7/67

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: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2914.637+/-0.601 χ^2/NDF : 29067.7/14

Left: 2919.003+/-0.416 χ^2/NDF : 63602.9/31

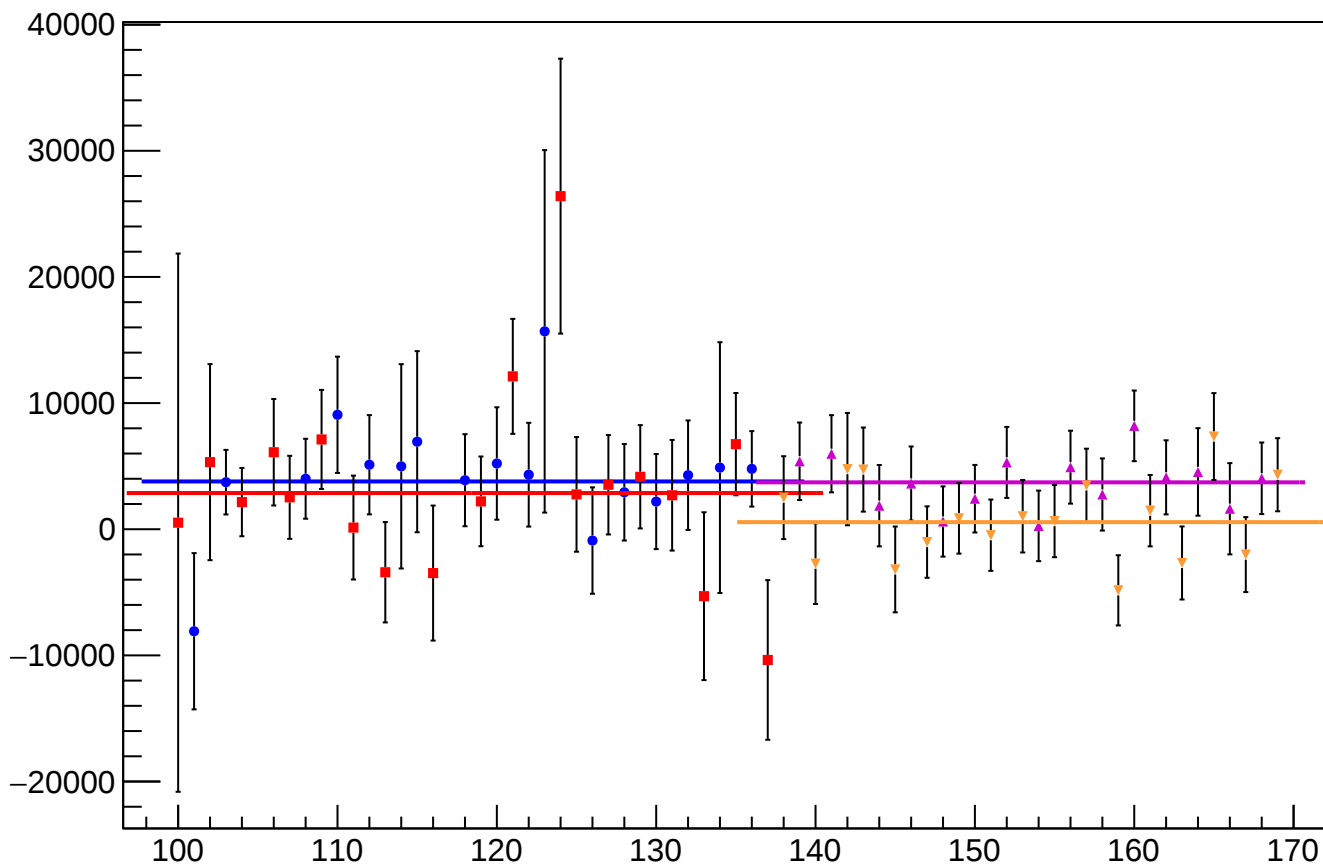
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2919.880+/-0.485 χ^2/NDF : 691914.9/31

Out: 2916.563+/-0.465 χ^2/NDF : 204080.7/35

All: 2918.155+/-0.336 χ^2/NDF : 896020.0/67

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: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

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

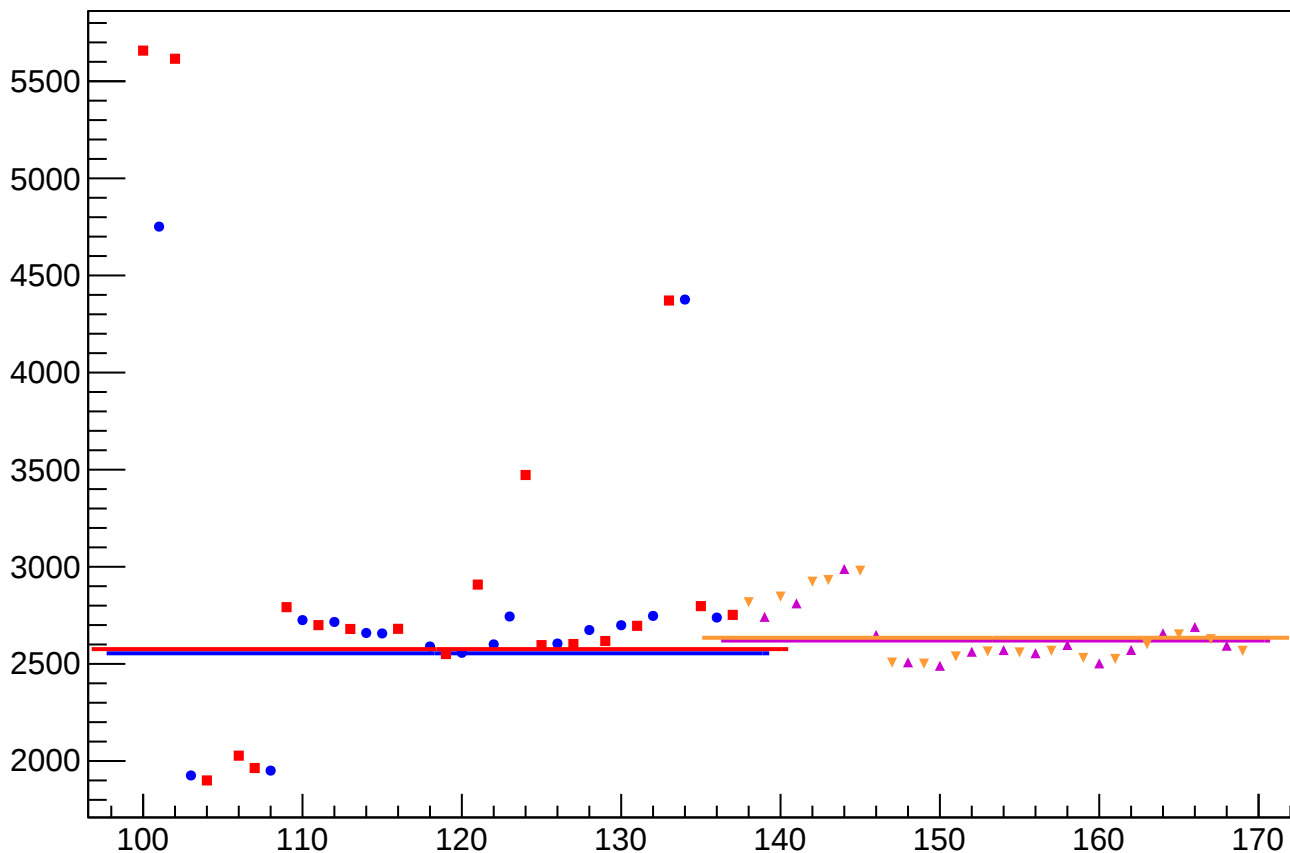
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3742.665 $\pm$ 608.500 χ^2/NDF : 15.5/31

Out: 1370.662 $\pm$ 593.404 χ^2/NDF : 43.5/35

All: 2526.876 $\pm$ 424.836 χ^2/NDF : 66.8/67

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: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

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

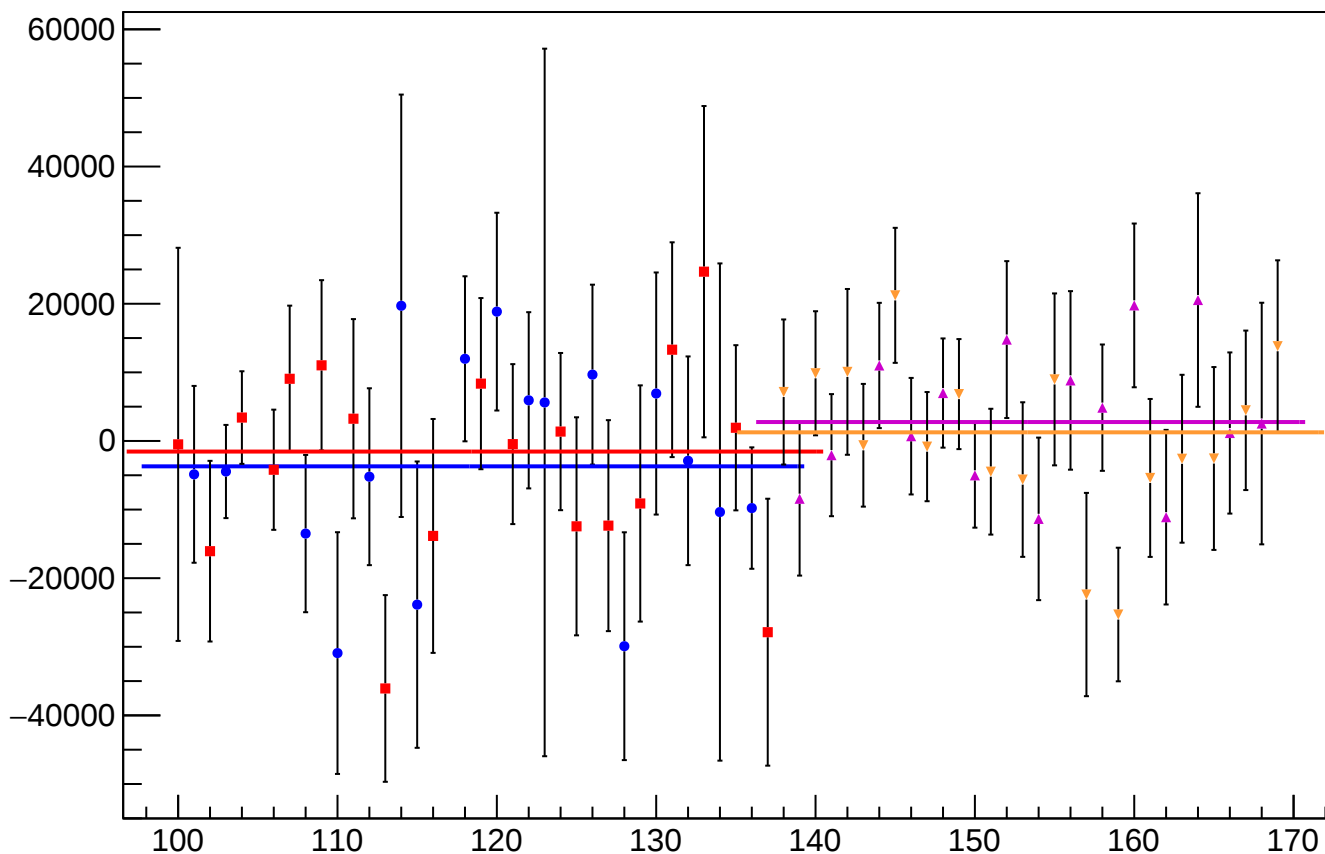
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2596.338 $\pm$ 0.430 χ^2 /NDF: 595059.7/31

Out: 2614.076 $\pm$ 0.420 χ^2 /NDF: 851172.9/35

All: 2605.431 $\pm$ 0.300 χ^2 /NDF: 1447103.9/67

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 1258.563+/-2523.178 χ^2/NDF : 19.2/16

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 2758.680+/-2675.213 χ^2/NDF : 10.8/14

Left: 1964.786+/-1835.552 χ^2/NDF : 30.2/31

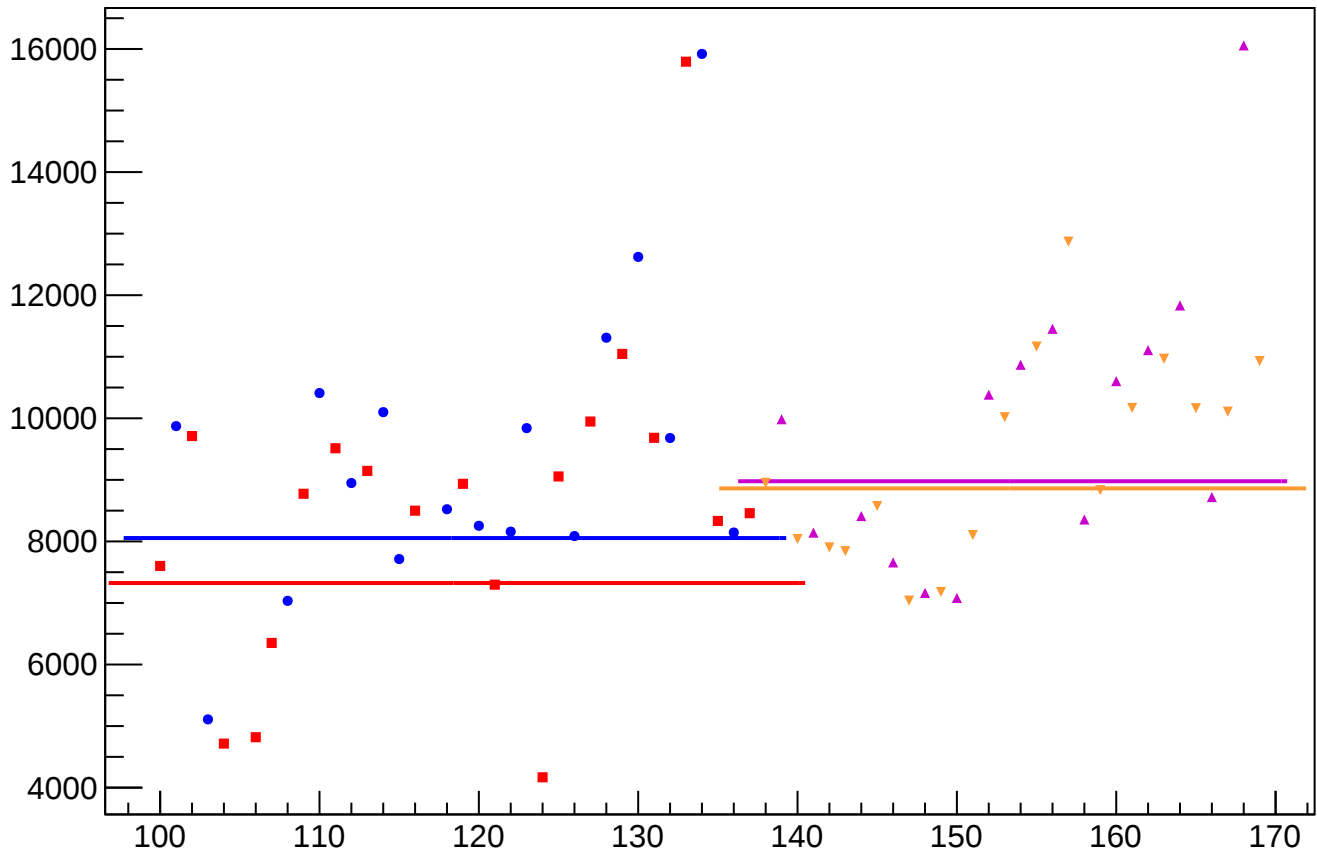
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: 119.248+/-2057.142 χ^2/NDF : 27.0/31

Out: 49.213+/-1902.644 χ^2/NDF : 36.5/35

All: 81.502+/-1396.802 χ^2/NDF : 63.5/67

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: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

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

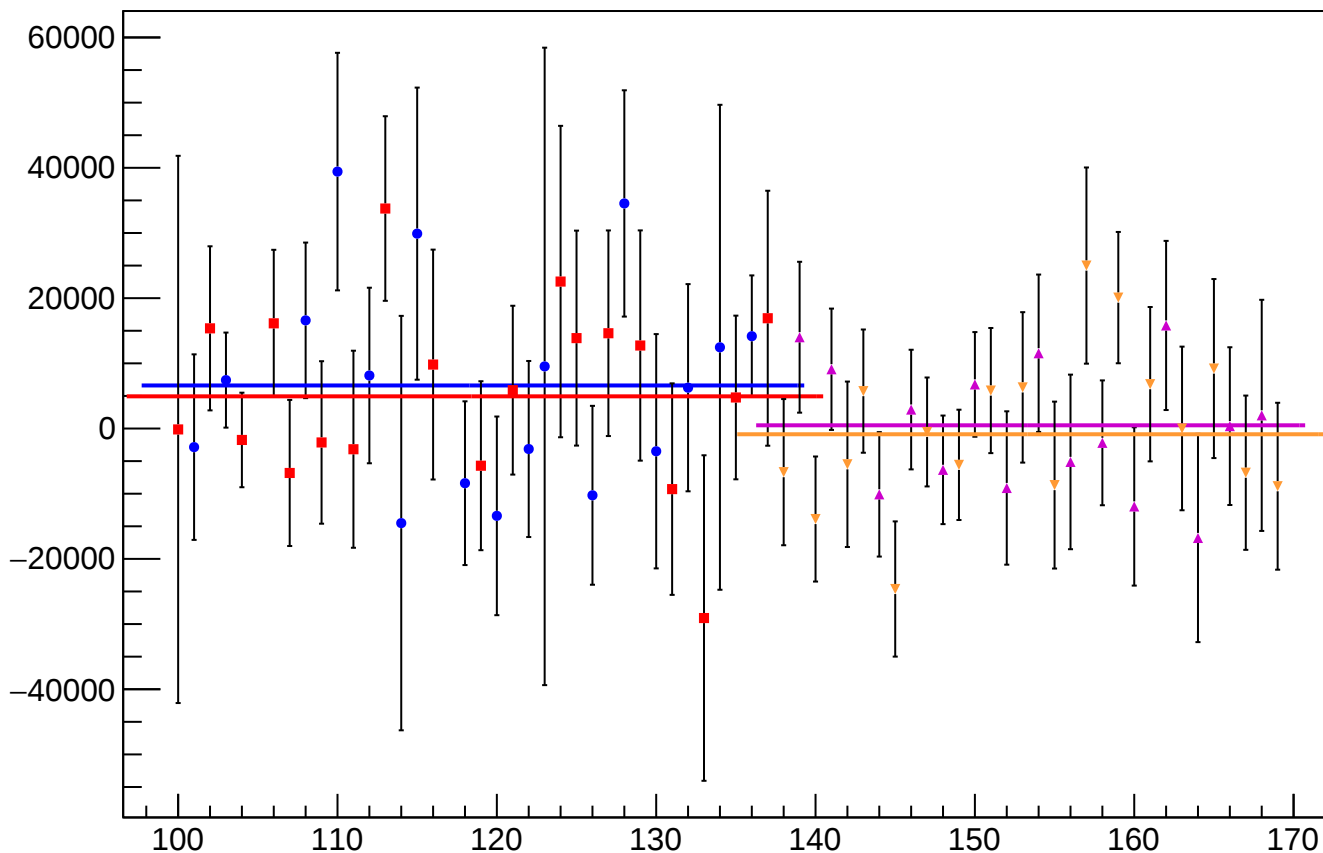
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8600.595 $\pm$ 1.455 χ^2 /NDF: 1882994.0/31

Out: 8198.250 $\pm$ 1.345 χ^2 /NDF: 2336874.8/35

All: 8383.748 $\pm$ 0.988 χ^2 /NDF: 4261102.7/67

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2 /NDF: 14.7/16

Left Out: -879.670 $\pm$ 2630.295 χ^2 /NDF:18.4/16

Right Out: 4938.727 $\pm$ 3167.808 χ^2 /NDF: 13.6/18

Left In: 495.391 $\pm$ 2784.413 χ^2 /NDF:10.2/14

Left: -231.246 $\pm$ 1912.063 χ^2 /NDF: 28.7/31

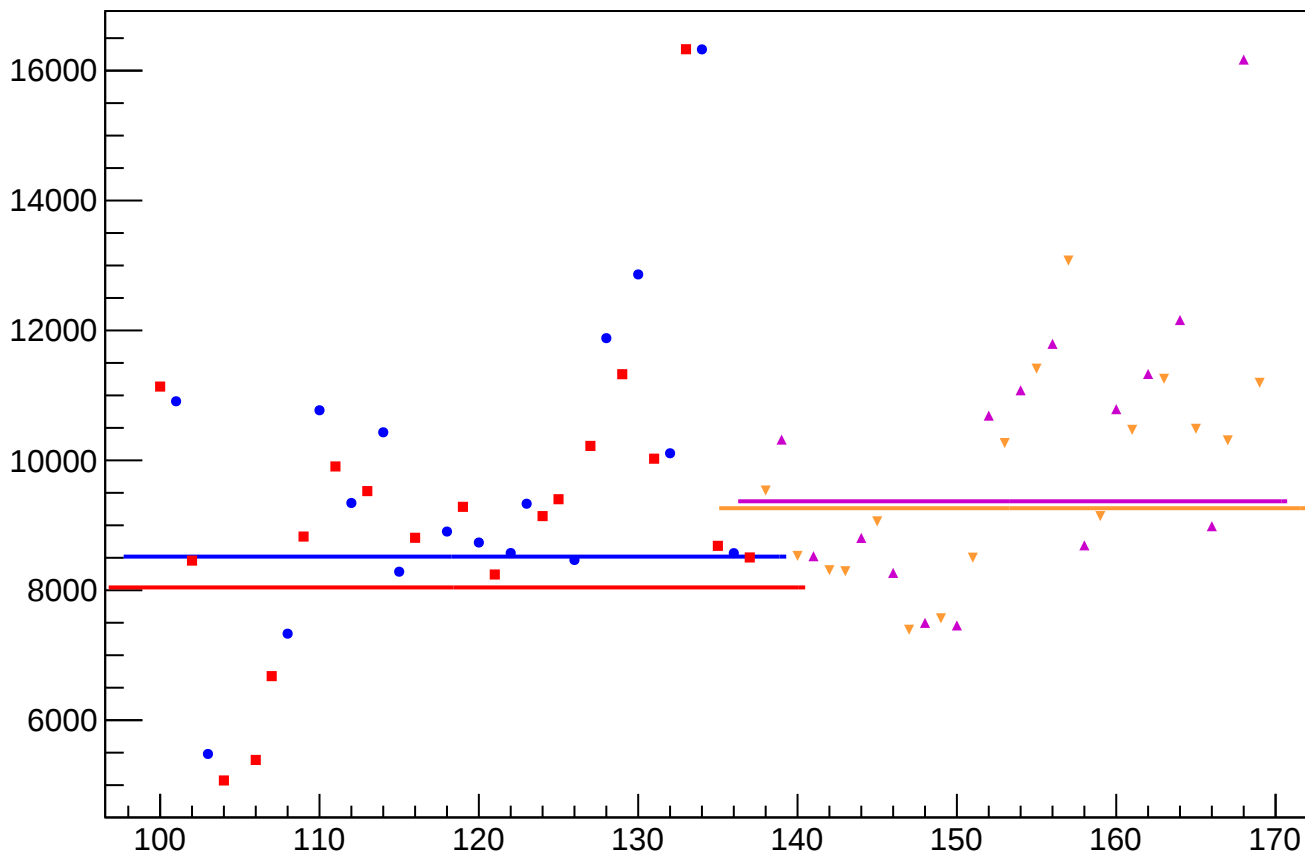
Right: 5715.122 $\pm$ 2316.410 χ^2 /NDF: 28.4/35

In: 2952.530 $\pm$ 2153.158 χ^2 /NDF:26.8/31

Out: 1494.730 $\pm$ 2023.644 χ^2 /NDF:34.0/35

All: 2178.470 $\pm$ 1474.594 χ^2 /NDF: 61.0/67

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: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9370.006+/-1.969 χ^2/NDF : 850974.4/14

Left: 9313.689+/-1.352 χ^2/NDF : 1439834.7/31

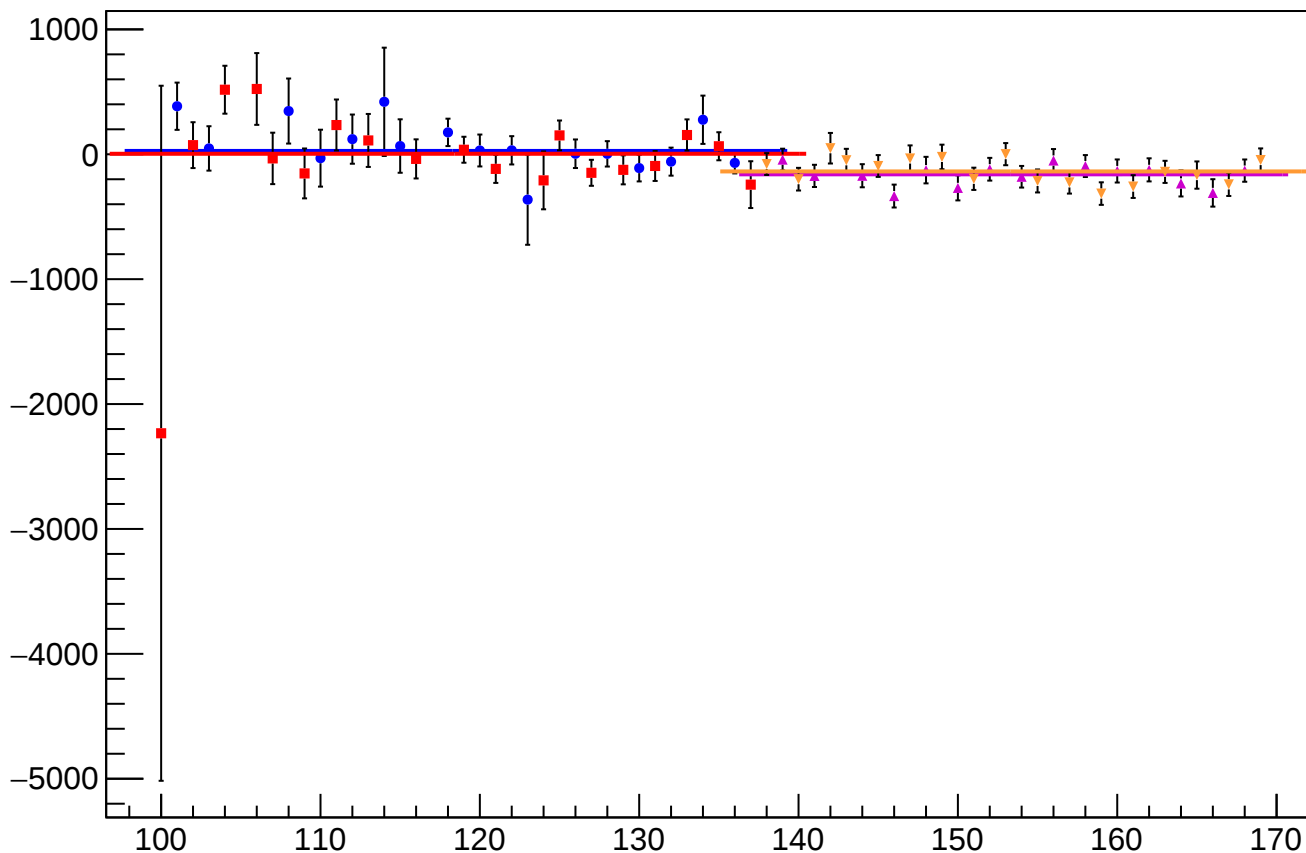
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9027.590+/-1.523 χ^2/NDF : 1698204.5/31

Out: 8765.680+/-1.431 χ^2/NDF : 1716387.3/35

All: 8888.520+/-1.043 χ^2/NDF : 3430304.9/67

dit_asym_sam1_mean vs Slug, Sign Corrected

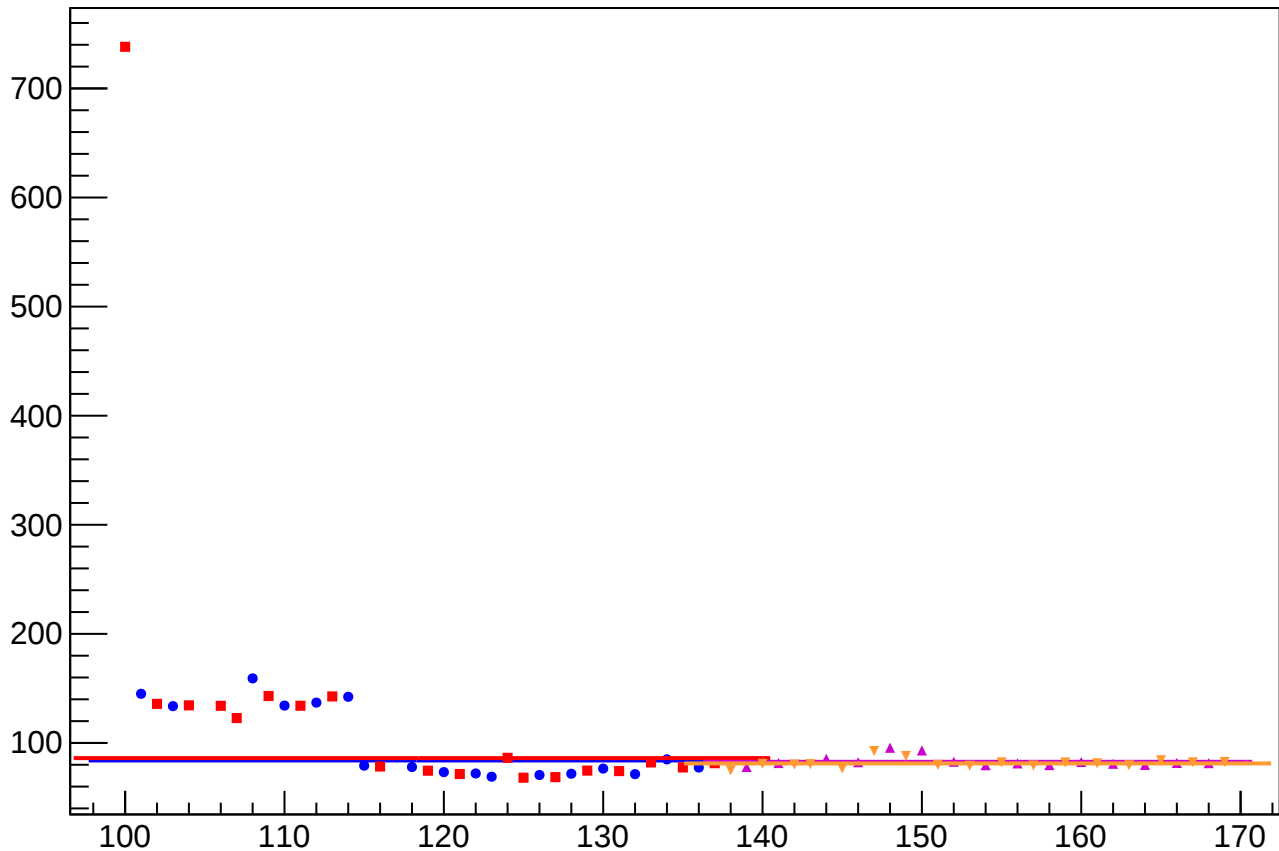


Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -137.366 ± 22.679 $\chi^2/\text{NDF}: 19.2/16$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -160.532 ± 24.121 $\chi^2/\text{NDF}: 11.7/14$

Left: -148.236 ± 16.523 $\chi^2/\text{NDF}: 31.4/31$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -96.915 ± 19.600 $\chi^2/\text{NDF}: 46.7/31$
Out: -93.549 ± 18.839 $\chi^2/\text{NDF}: 55.8/35$

All: -95.165 ± 13.582 $\chi^2/\text{NDF}: 102.5/67$

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: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 82.710+/-0.017 χ^2/NDF : 67249.9/14

Left: 81.918+/-0.012 χ^2/NDF : 126365.4/31

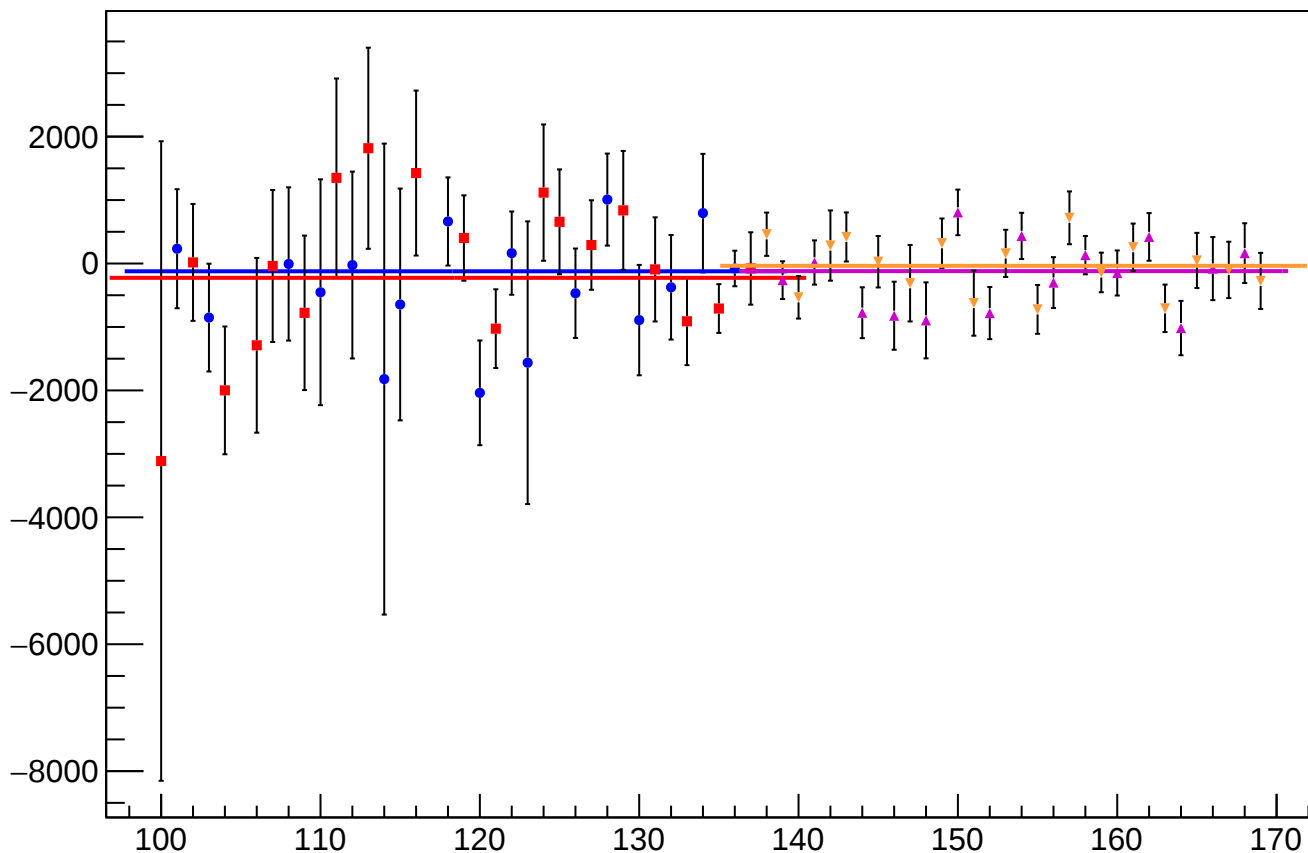
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.135+/-0.014 χ^2/NDF : 1029331.1/31

Out: 82.734+/-0.013 χ^2/NDF : 1220103.7/35

All: 82.927+/-0.010 χ^2/NDF : 2249868.5/67

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -36.227+/-96.882 χ^2/NDF :19.5/16

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -119.728+/-100.303 χ^2/NDF :25.7/14

Left: -76.529+/-69.684 χ^2/NDF : 45.5/31

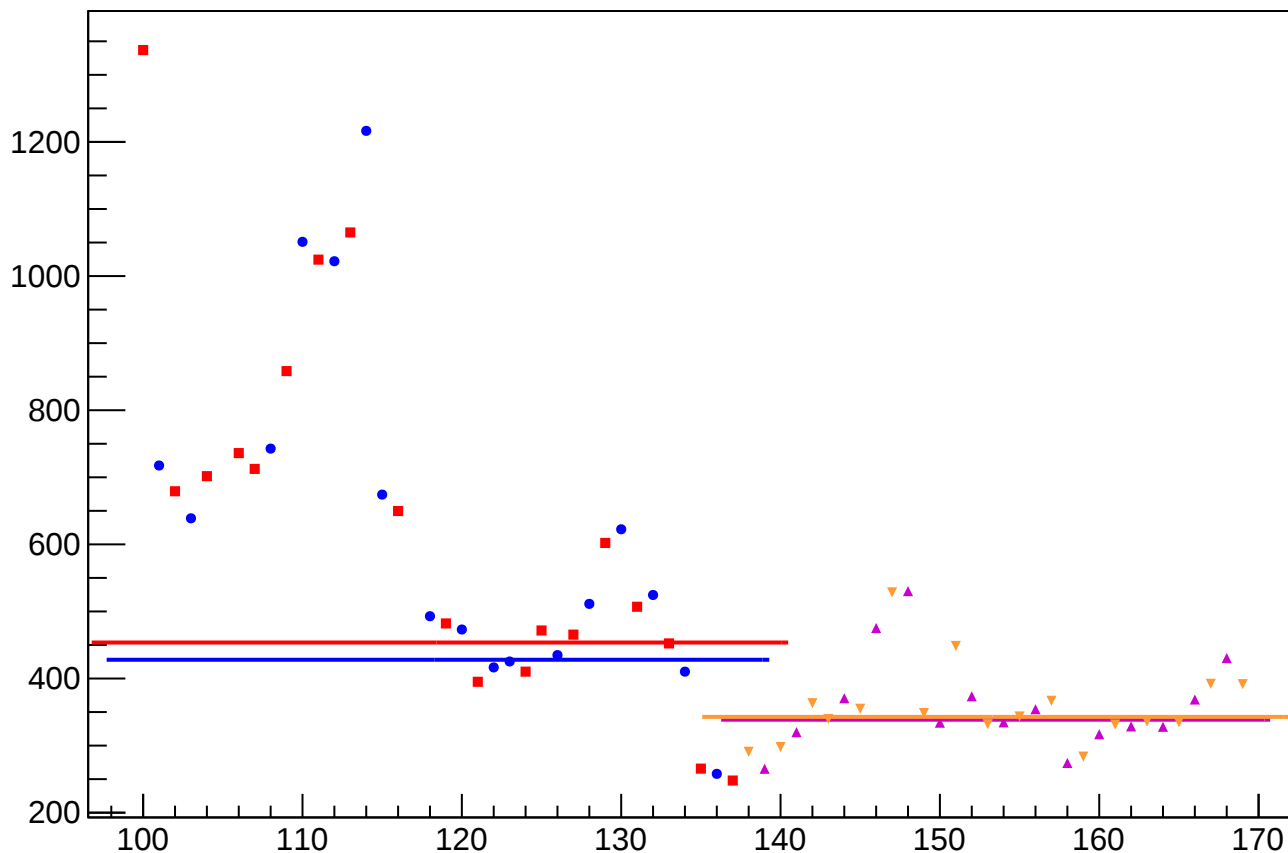
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -120.366+/-87.570 χ^2/NDF :38.7/31

Out: -76.955+/-85.823 χ^2/NDF :38.6/35

All: -98.223+/-61.294 χ^2/NDF : 77.5/67

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: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 338.609+/-0.071 χ^2/NDF :676694.3/14

Left: 340.794+/-0.049 χ^2/NDF : 1173329.4/31

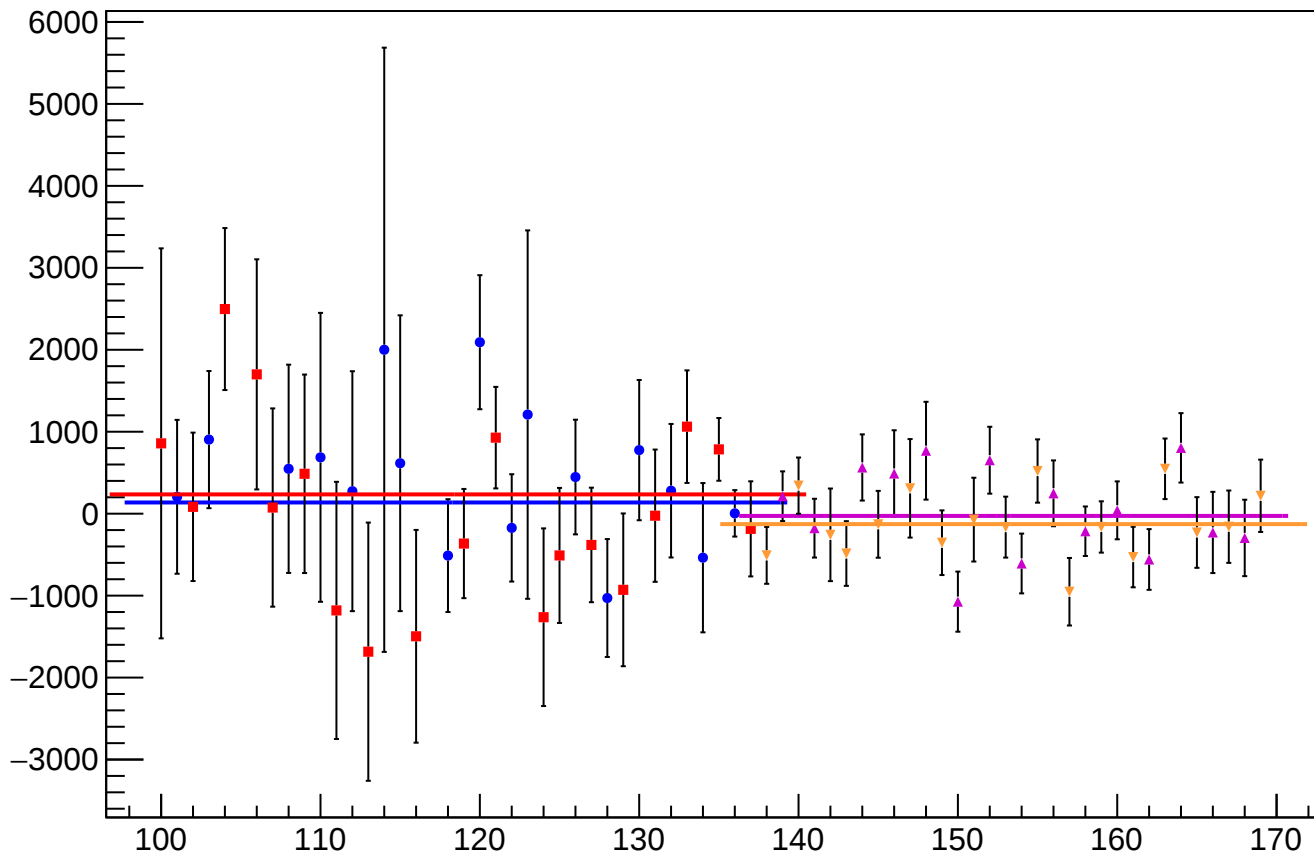
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 359.860+/-0.062 χ^2/NDF :3116522.9/31

Out: 366.699+/-0.061 χ^2/NDF :3193156.2/35

All: 363.348+/-0.043 χ^2/NDF : 6315900.4/67

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -127.571 $\pm$ 97.260 χ^2/NDF :16.9/16

Right Out: 235.334 $\pm$ 184.025 χ^2/NDF : 21.8/18

Left In: -27.183 $\pm$ 100.599 χ^2/NDF :26.4/14

Left: -79.070 $\pm$ 69.924 χ^2/NDF : 43.8/31

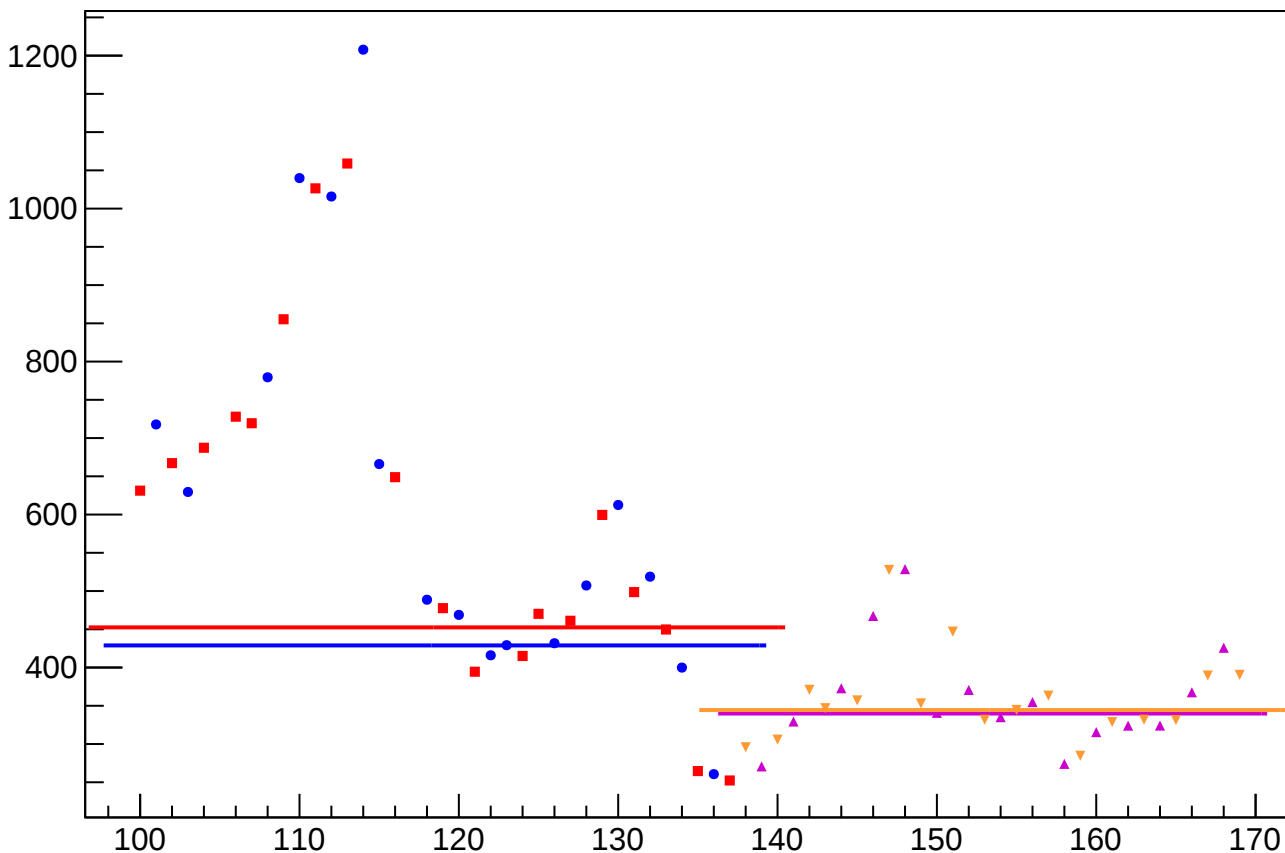
Right: 184.875 $\pm$ 128.536 χ^2/NDF : 34.6/35

In: 11.978 $\pm$ 87.769 χ^2/NDF :39.7/31

Out: -48.335 $\pm$ 85.989 χ^2/NDF :41.7/35

All: -18.796 $\pm$ 61.423 χ^2/NDF : 81.6/67

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 344.397 $\pm$ 0.069 χ^2 /NDF: 468281.0/16

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 339.853 $\pm$ 0.071 χ^2 /NDF: 635559.0/14

Left: 342.201 $\pm$ 0.049 χ^2 /NDF: 1105949.0/31

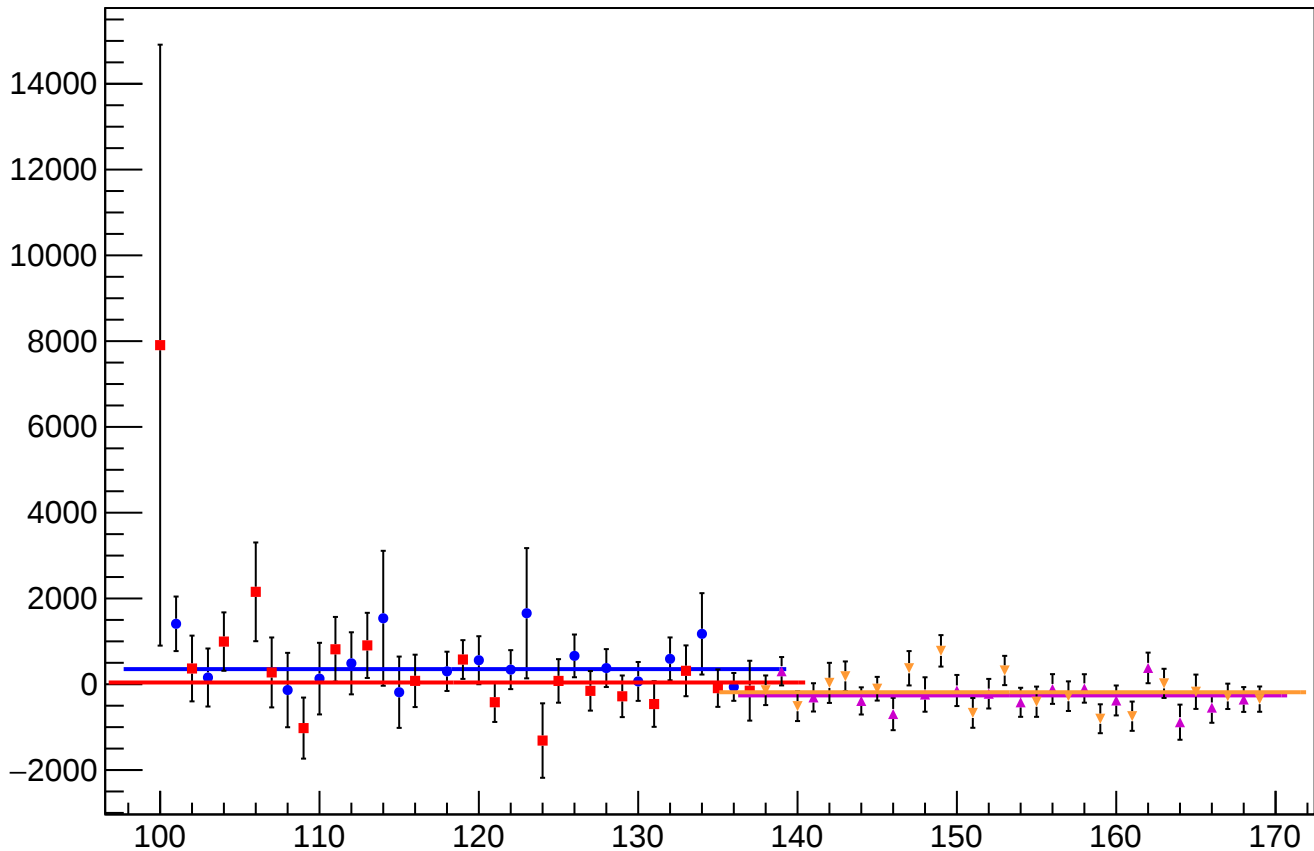
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 361.114 $\pm$ 0.062 χ^2 /NDF: 3020273.5/31

Out: 367.997 $\pm$ 0.061 χ^2 /NDF: 3049721.8/35

All: 364.626 $\pm$ 0.043 χ^2 /NDF: 6076270.2/67

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: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -260.159 ± 89.238 $\chi^2/\text{NDF}: 11.6/14$

Left: -220.572 ± 60.804 $\chi^2/\text{NDF}: 34.6/31$

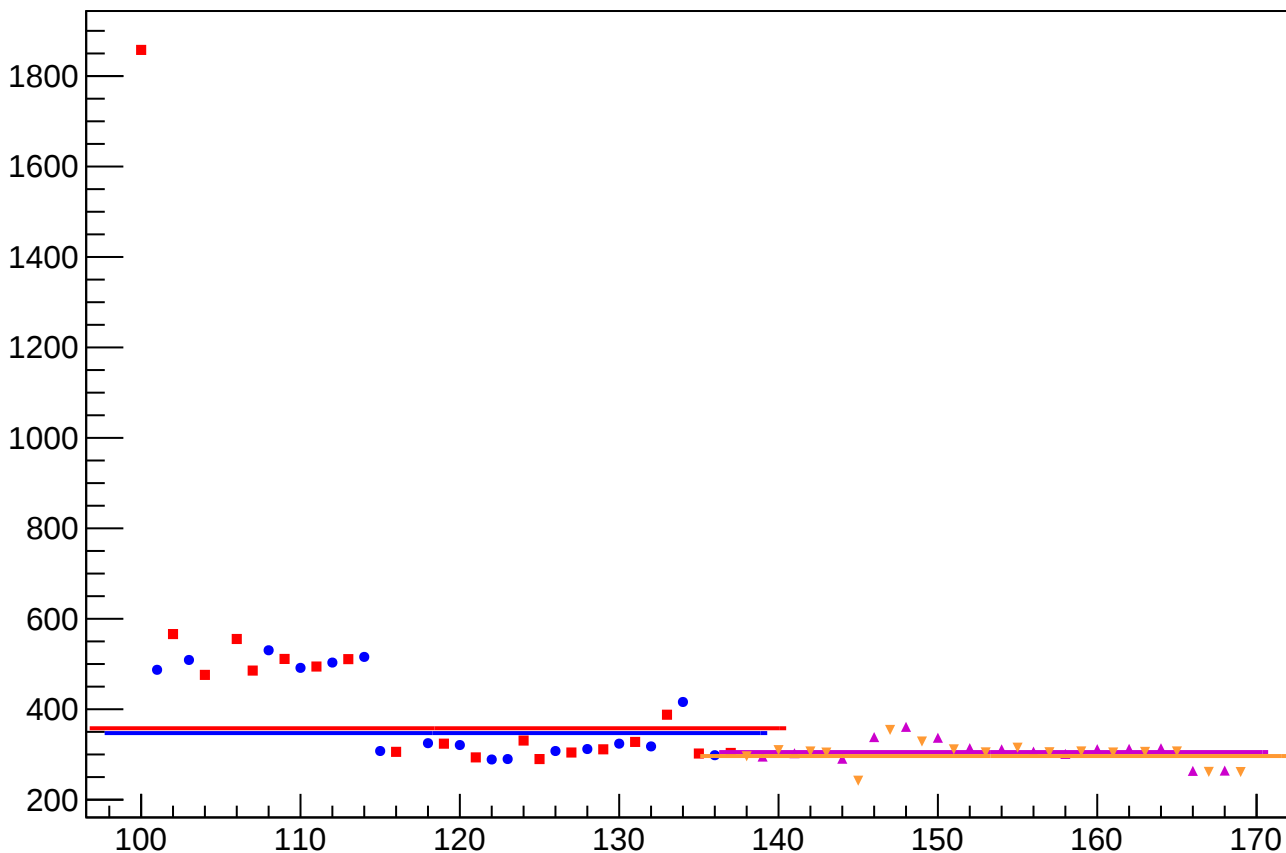
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -78.080 ± 74.823 $\chi^2/\text{NDF}: 34.1/31$

Out: -126.432 ± 71.308 $\chi^2/\text{NDF}: 42.8/35$

All: -103.418 ± 51.620 $\chi^2/\text{NDF}: 77.2/67$

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: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

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

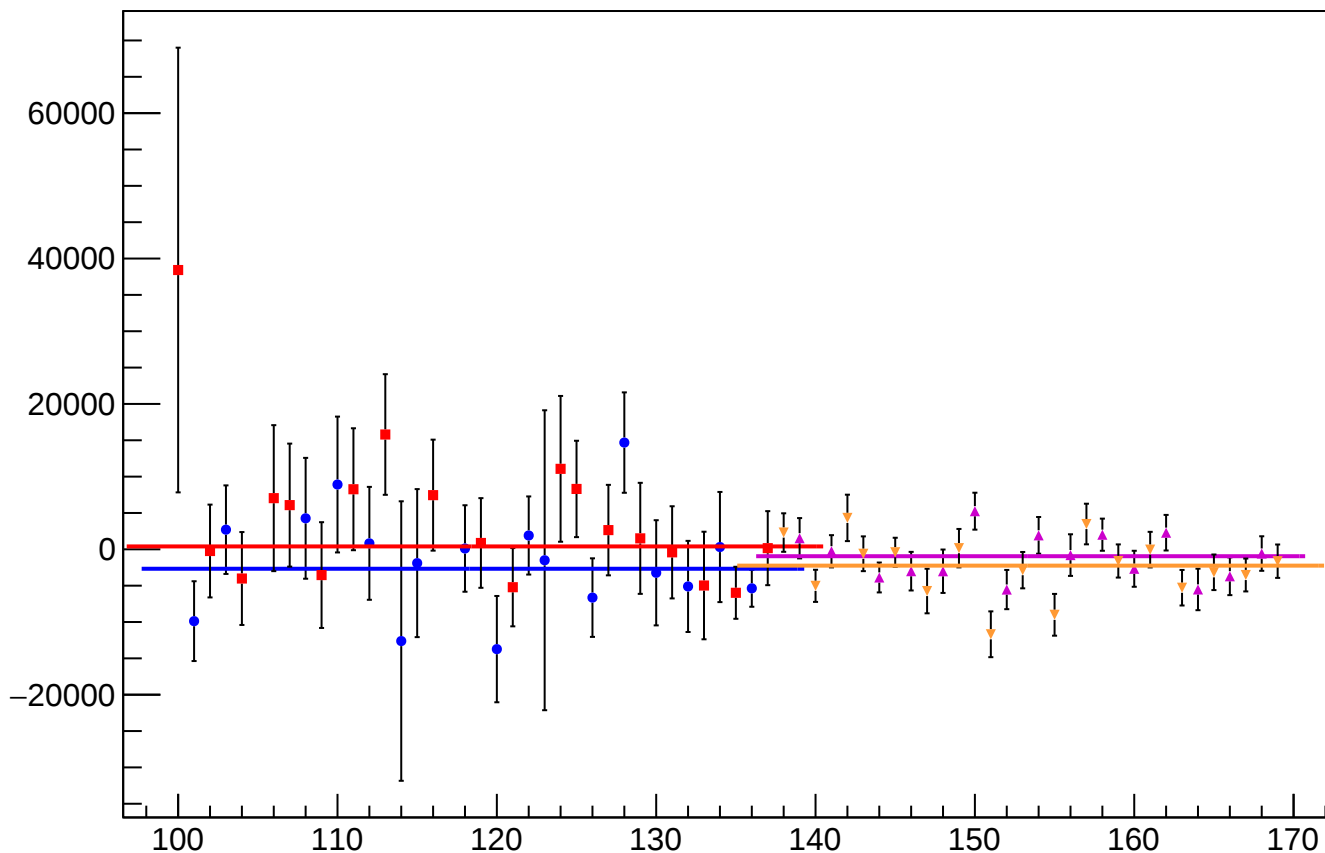
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 317.783 $\pm$ 0.053 χ^2 /NDF:897873.9/31

Out: 312.692 $\pm$ 0.050 χ^2 /NDF:1352918.3/35

All: 315.115 $\pm$ 0.037 χ^2 /NDF: 2255642.8/67

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2244.466+/-607.436 χ^2/NDF : 34.0/16

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -947.813+/-648.371 χ^2/NDF : 21.9/14

Left: -1638.362+/-443.288 χ^2/NDF : 58.0/31

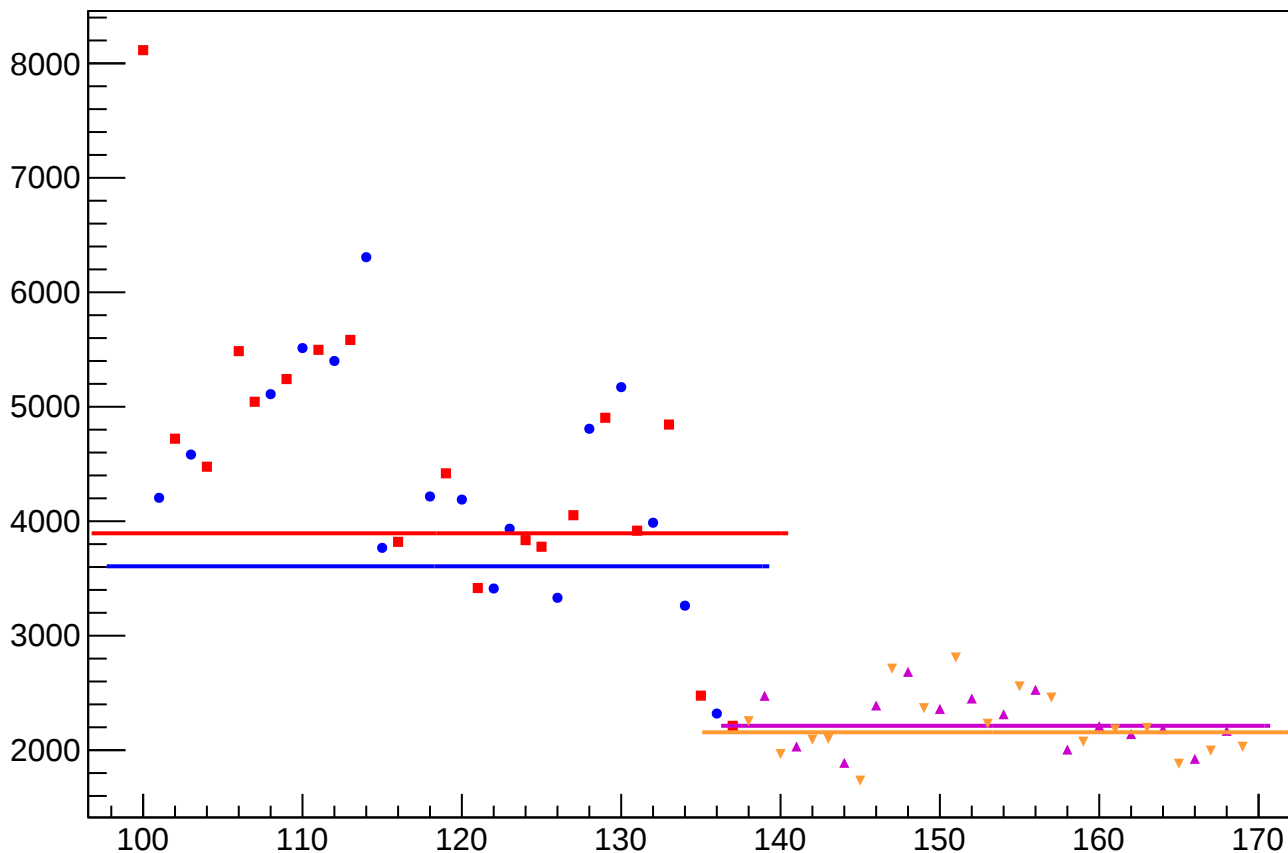
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1233.414+/-592.311 χ^2/NDF : 39.8/31

Out: -1878.840+/-563.855 χ^2/NDF : 52.5/35

All: -1572.003+/-408.395 χ^2/NDF : 92.9/67

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: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2212.909+/-0.458 χ^2/NDF : 234082.5/14

Left: 2182.748+/-0.313 χ^2/NDF : 624826.4/31

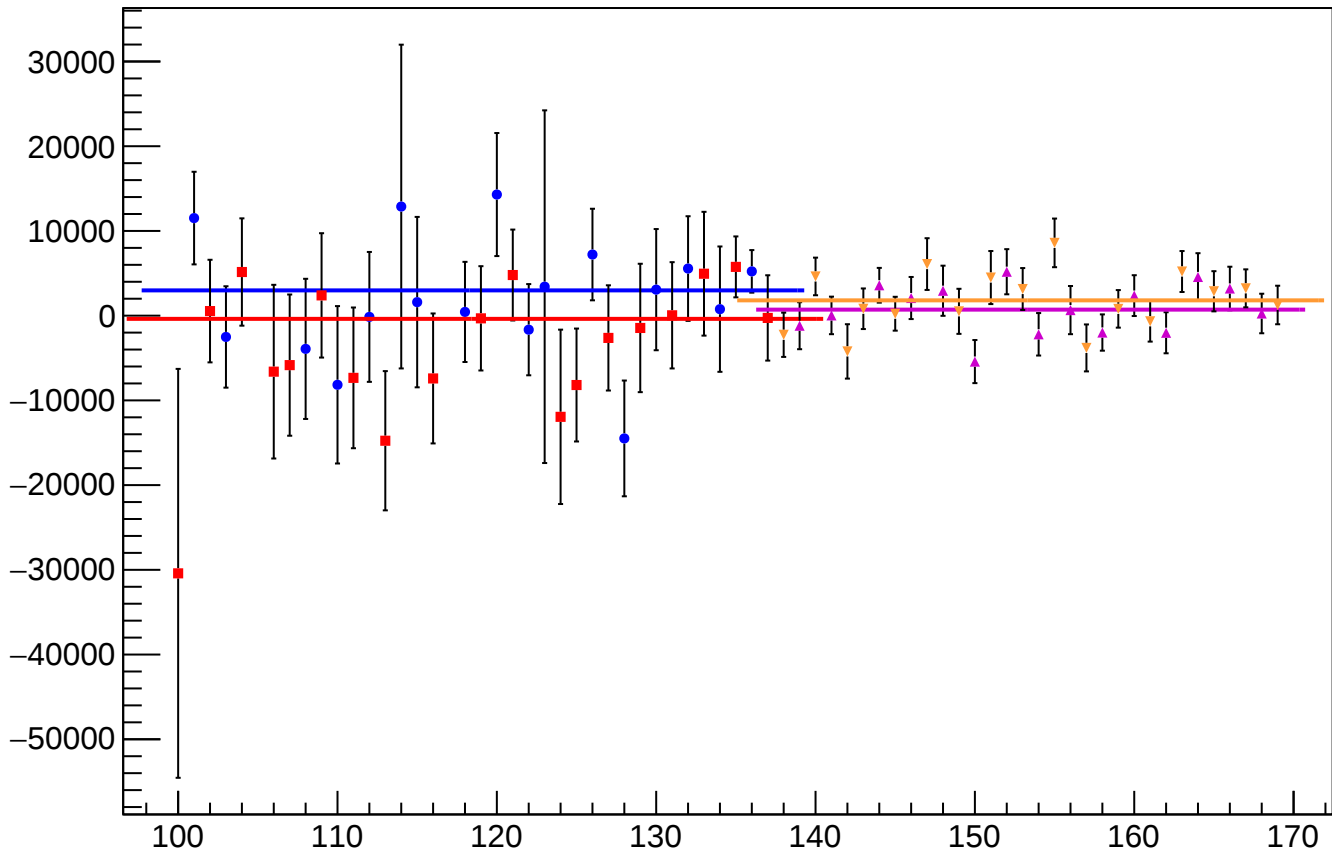
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2443.454+/-0.419 χ^2/NDF : 2854978.4/31

Out: 2396.759+/-0.399 χ^2/NDF : 3681289.9/35

All: 2418.958+/-0.289 χ^2/NDF : 6542789.2/67

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 1807.617 $\pm$ 602.425 χ^2/NDF : 25.2/16

Right Out: -377.377 $\pm$ 1507.395 χ^2/NDF : 15.0/18

Left In: 711.876 $\pm$ 639.012 χ^2/NDF : 19.6/14

Left: 1292.012 $\pm$ 438.343 χ^2/NDF : 46.3/31

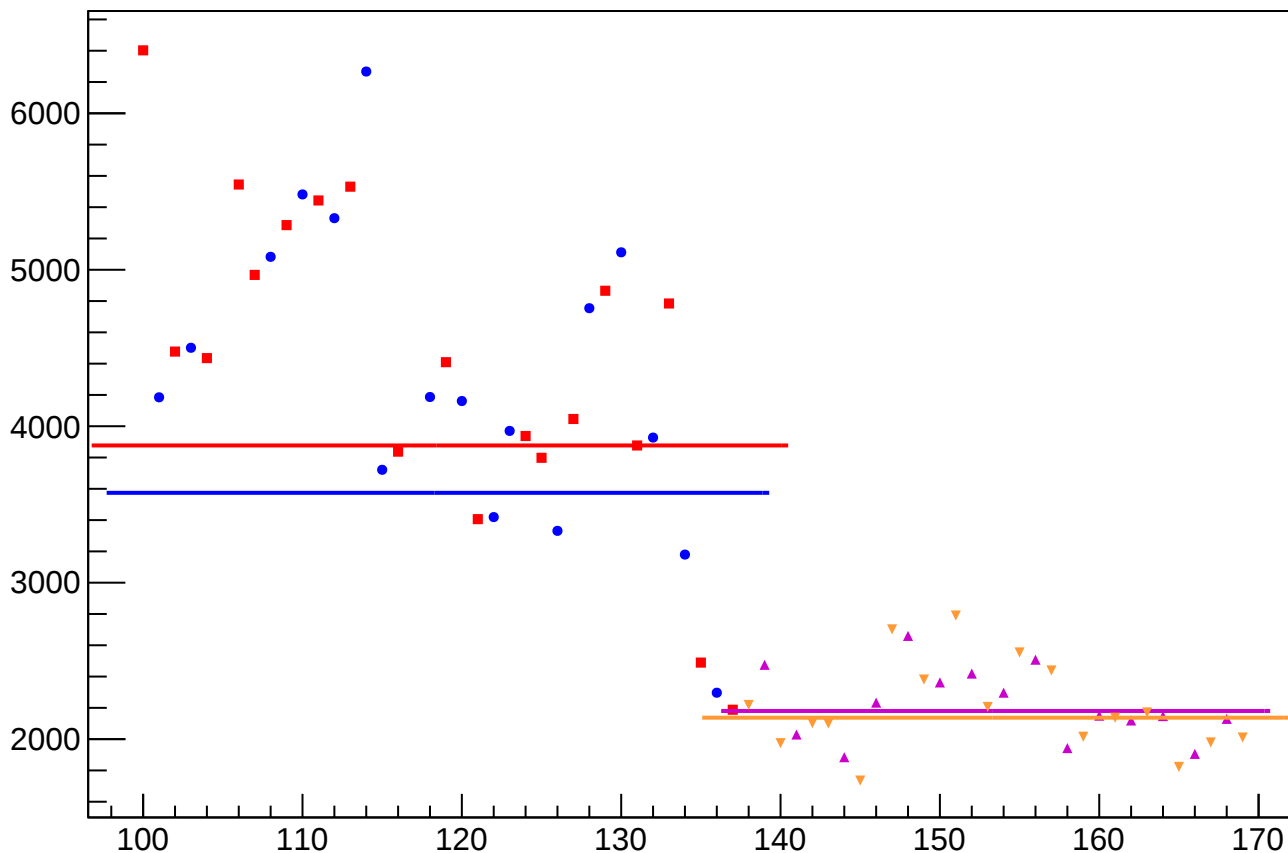
Right: 1375.706 $\pm$ 1042.614 χ^2/NDF : 35.1/35

In: 1084.059 $\pm$ 584.326 χ^2/NDF : 39.1/31

Out: 1506.698 $\pm$ 559.406 χ^2/NDF : 42.1/35

All: 1304.583 $\pm$ 404.082 χ^2/NDF : 81.4/67

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2137.165+/-0.426 χ^2/NDF : 391831.9/16

Right Out: 3877.124+/-1.066 χ^2/NDF : 990125.2/18

Left In: 2180.022+/-0.452 χ^2/NDF : 234324.6/14

Left: 2157.331+/-0.310 χ^2/NDF : 630919.4/31

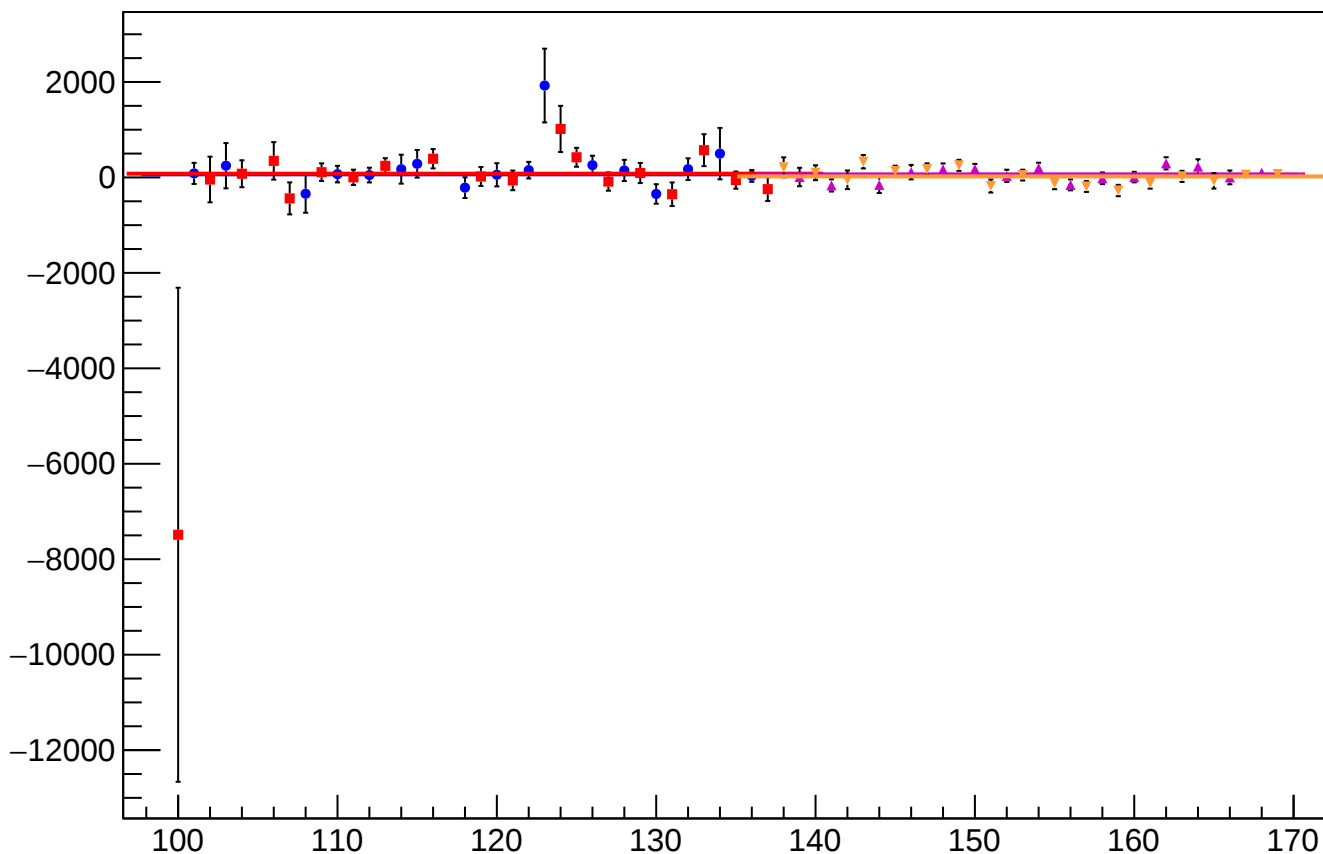
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 2408.460+/-0.413 χ^2/NDF : 2885764.2/31

Out: 2376.793+/-0.396 χ^2/NDF : 3679701.3/35

All: 2391.937+/-0.286 χ^2/NDF : 6568530.3/67

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 21.340+/-29.408 χ^2/NDF : 28.1/16

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 63.845+/-32.128 χ^2/NDF : 17.5/14

Left: 40.717+/-21.693 χ^2/NDF : 46.5/31

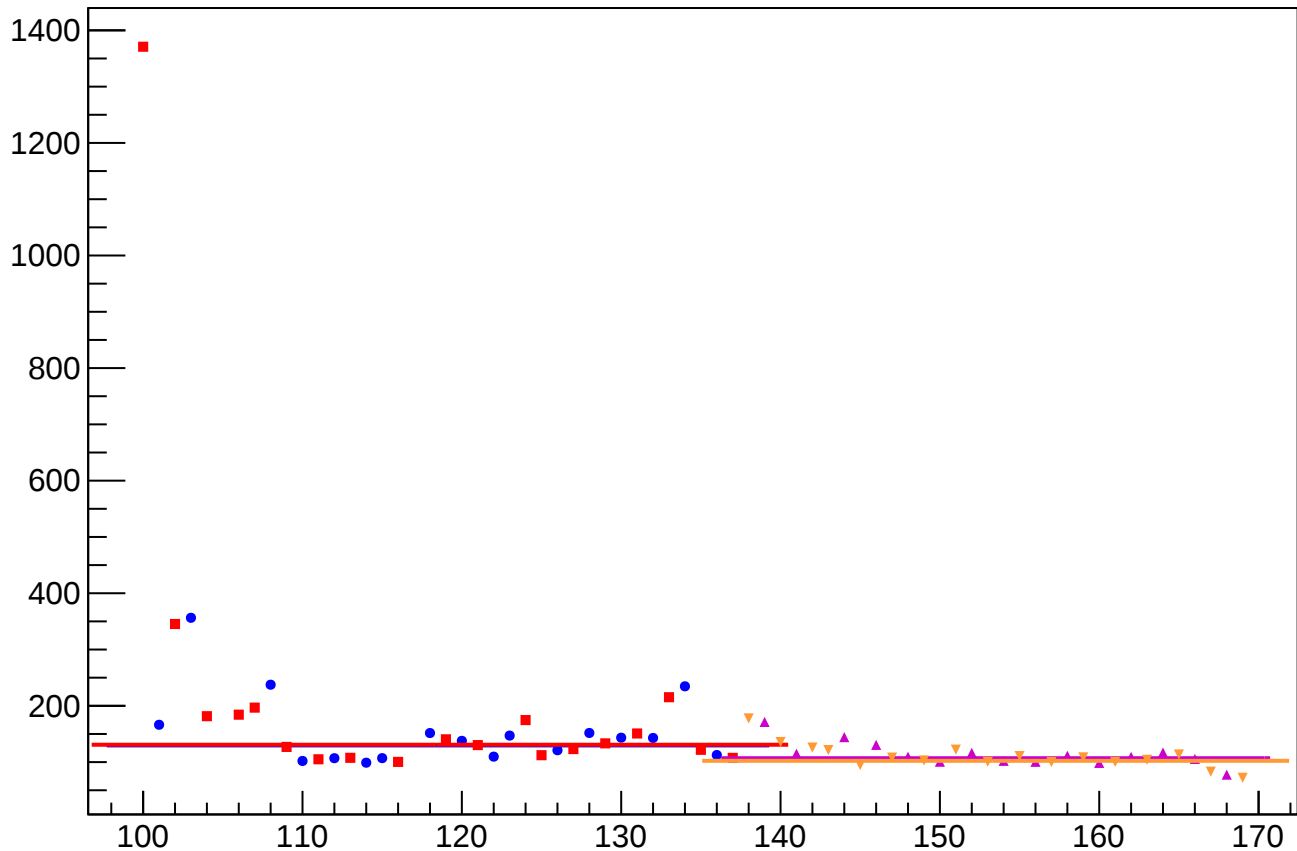
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 64.219+/-27.432 χ^2/NDF : 33.2/31

Out: 35.102+/-25.639 χ^2/NDF : 53.3/35

All: 48.678+/-18.731 χ^2/NDF : 87.1/67

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: 130.878 $\pm$ 0.037 χ^2/NDF : 1042325.1/18

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

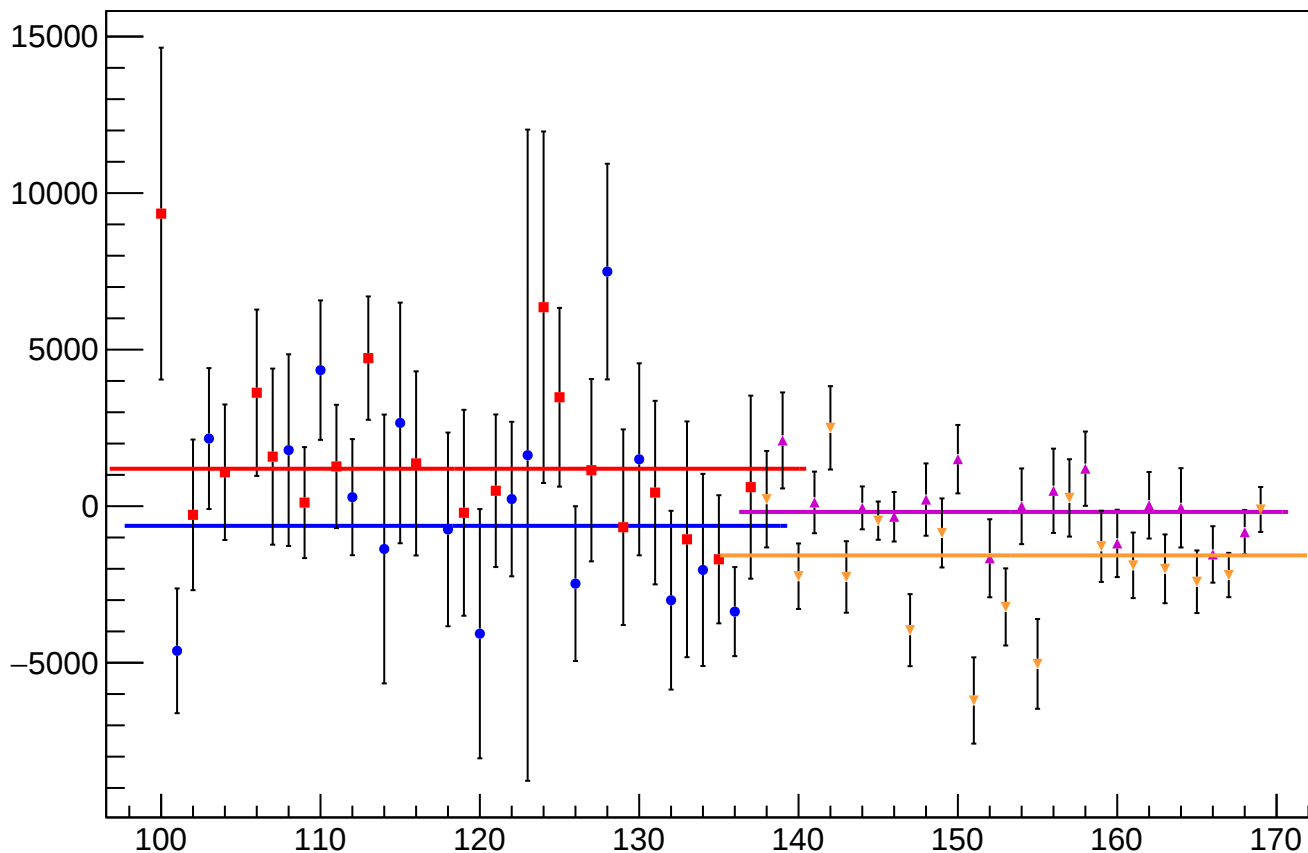
Right: 130.291 $\pm$ 0.026 χ^2/NDF : 2032513.5/35

In: 113.094 $\pm$ 0.019 χ^2/NDF : 1920674.2/31

Out: 109.167 $\pm$ 0.018 χ^2/NDF : 2347481.5/35

All: 110.998 $\pm$ 0.013 χ^2/NDF : 4290032.7/67

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1571.848 ± 244.695 $\chi^2/\text{NDF}: 46.6/16$

Right Out: 1196.185 ± 595.685 $\chi^2/\text{NDF}: 11.8/18$

Left In: -184.288 ± 258.543 $\chi^2/\text{NDF}: 11.9/14$

Left: -916.221 ± 177.720 $\chi^2/\text{NDF}: 73.8/31$

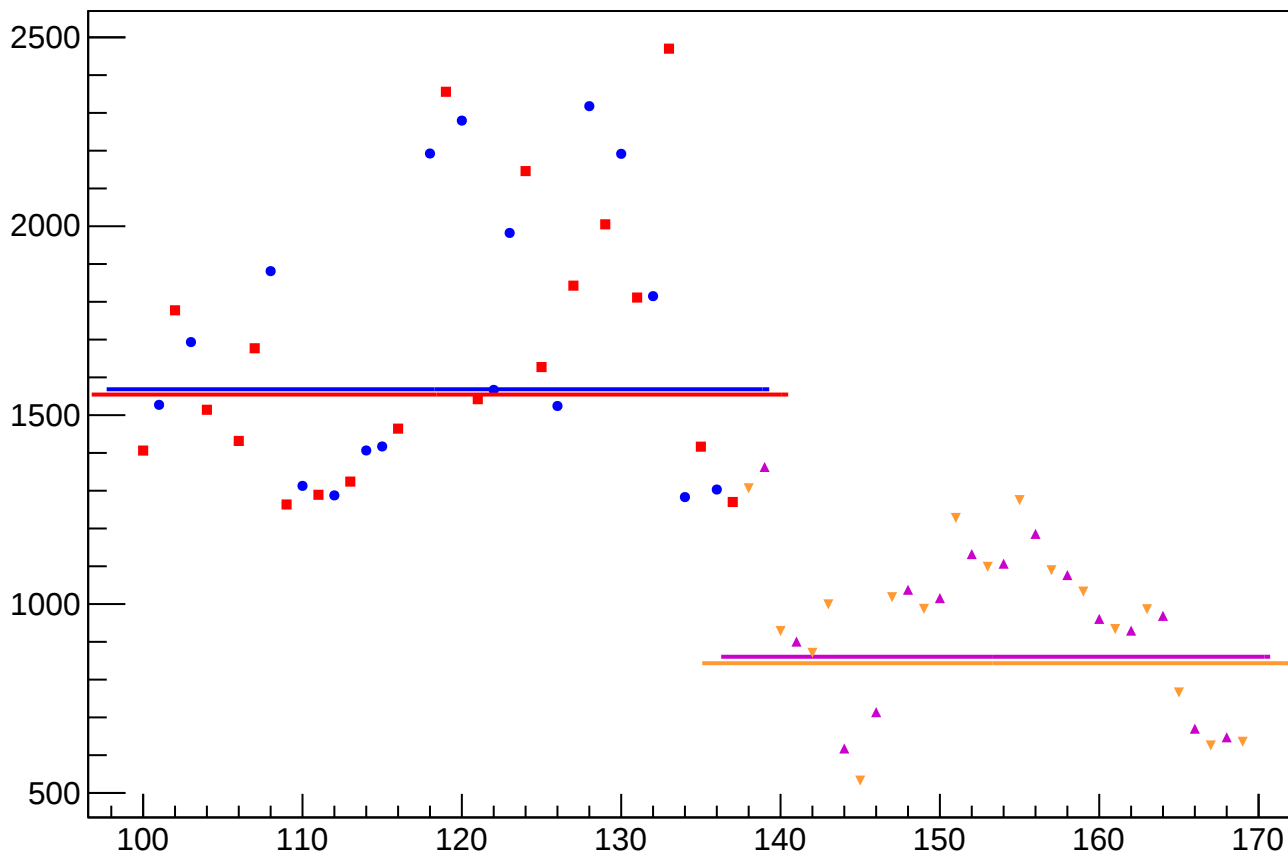
Right: 322.661 ± 430.045 $\chi^2/\text{NDF}: 40.5/35$

In: -249.775 ± 238.711 $\chi^2/\text{NDF}: 36.7/31$

Out: -1172.205 ± 226.343 $\chi^2/\text{NDF}: 76.9/35$

All: -735.505 ± 164.247 $\chi^2/\text{NDF}: 121.4/67$

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: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 860.519+/-0.183 χ^2/NDF :1297713.8/14

Left: 851.486+/-0.126 χ^2/NDF : 3107636.0/31

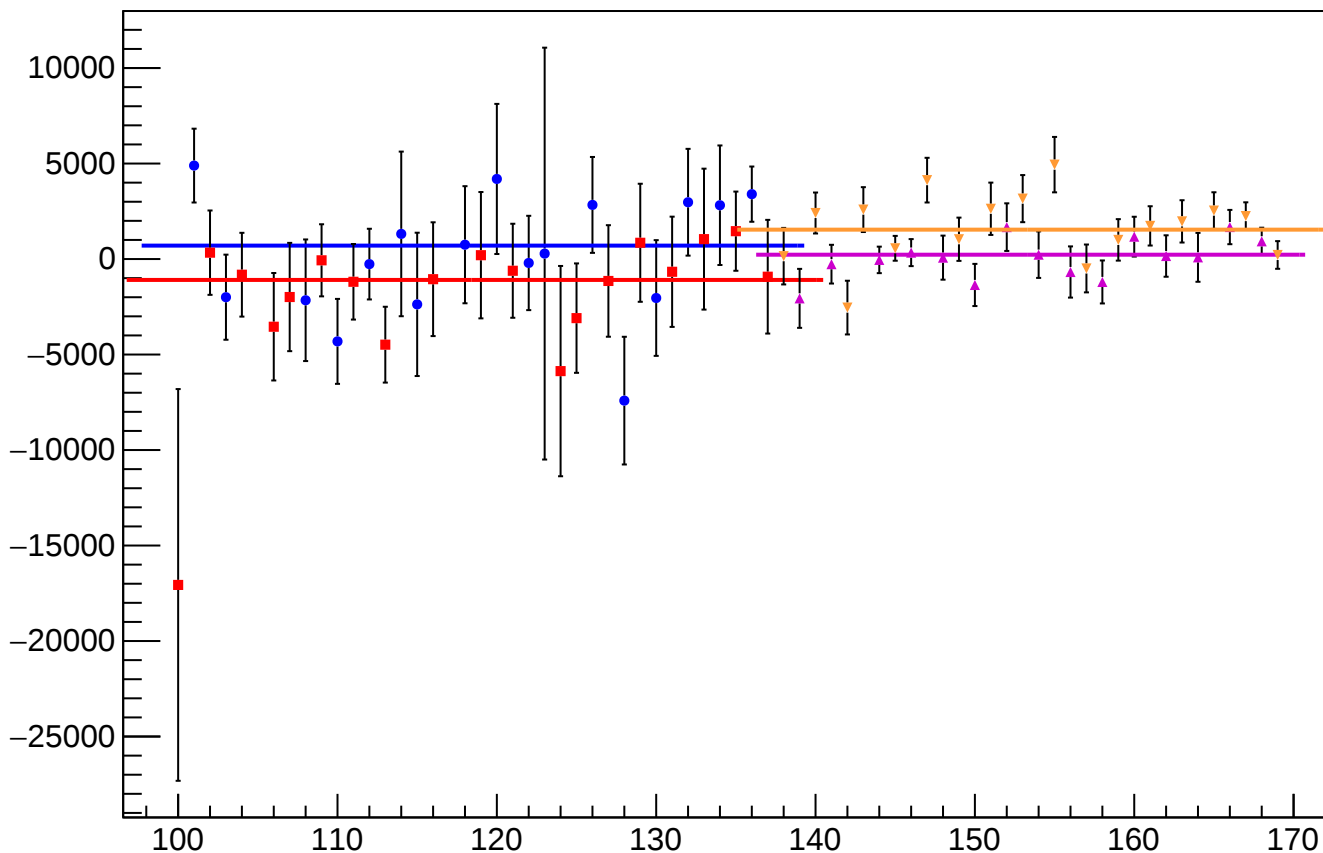
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 964.965+/-0.169 χ^2/NDF :4044314.0/31

Out: 946.066+/-0.160 χ^2/NDF :4756156.3/35

All: 955.013+/-0.116 χ^2/NDF : 8807071.7/67

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1538.765 $\pm$ 247.990 χ^2 /NDF:34.5/16

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: 226.960 $\pm$ 255.719 χ^2 /NDF:12.5/14

Left: 902.987 $\pm$ 178.025 χ^2 /NDF: 60.5/31

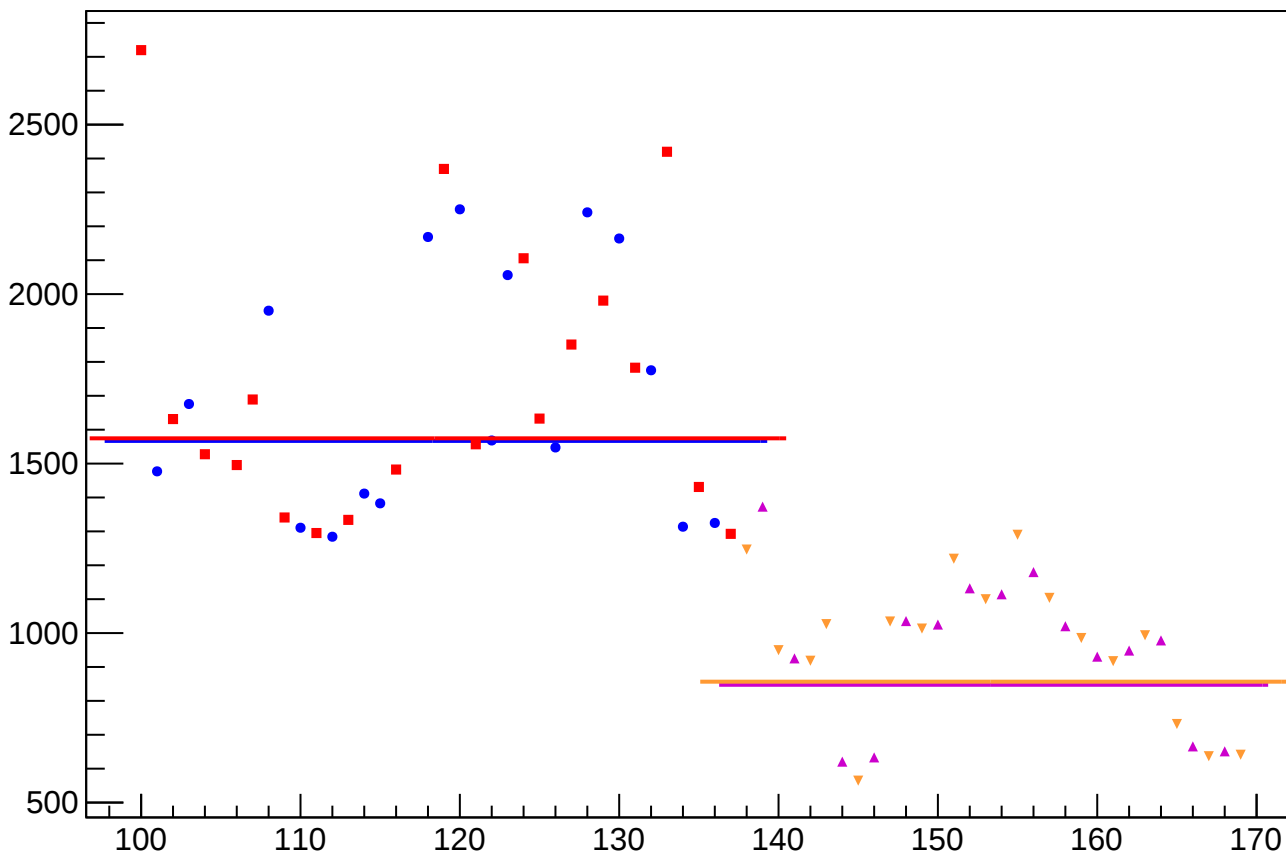
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 296.059 $\pm$ 236.435 χ^2 /NDF:39.0/31

Out: 1158.131 $\pm$ 229.363 χ^2 /NDF:61.4/35

All: 740.181 $\pm$ 164.628 χ^2 /NDF: 107.2/67

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: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

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

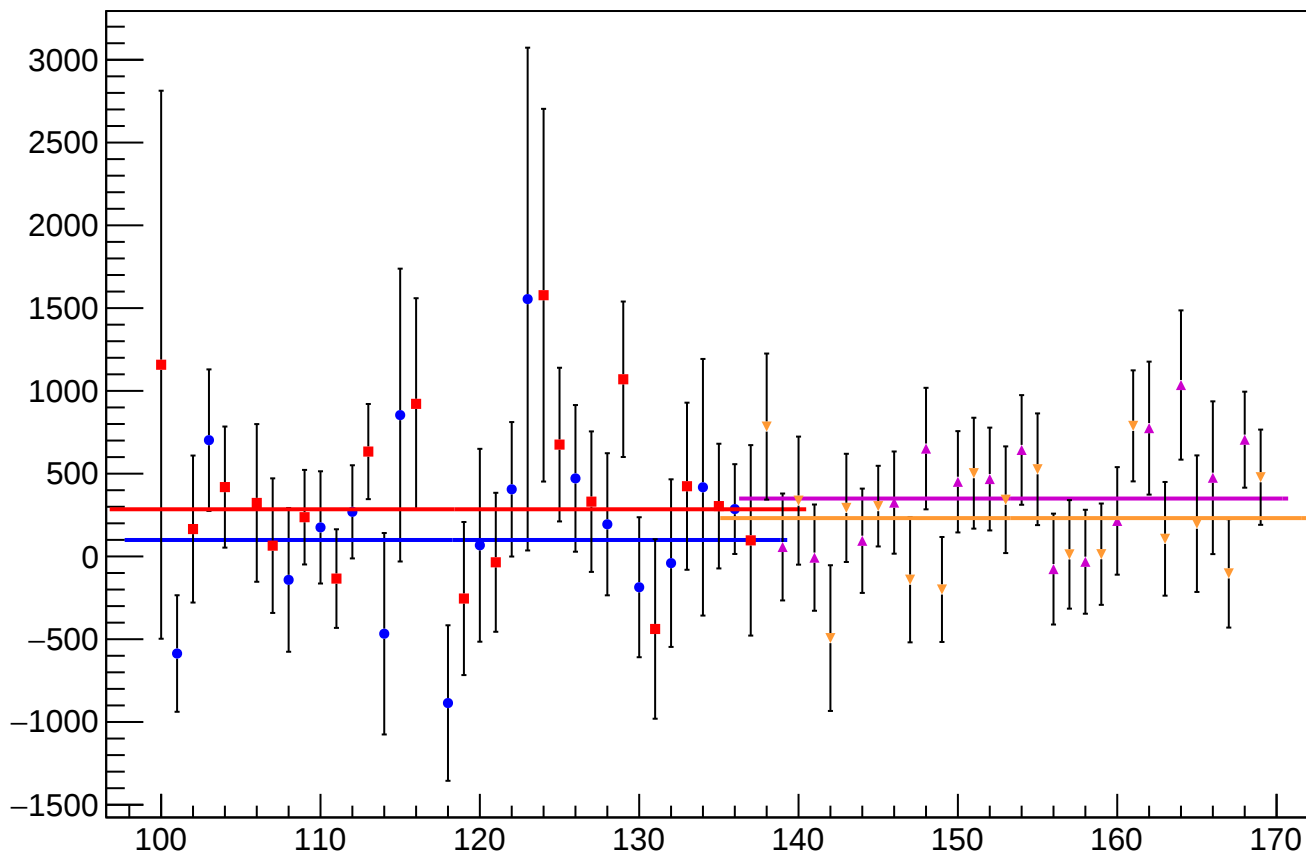
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 951.892 $\pm$ 0.167 χ^2 /NDF: 4198074.6/31

Out: 960.412 $\pm$ 0.162 χ^2 /NDF: 4511839.8/35

All: 956.281 $\pm$ 0.116 χ^2 /NDF: 8711252.2/67

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 231.548 $\pm$ 81.082 χ^2/NDF : 14.5/16

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 349.728 $\pm$ 86.480 χ^2/NDF : 12.7/14

Left: 286.835 $\pm$ 59.150 χ^2/NDF : 28.2/31

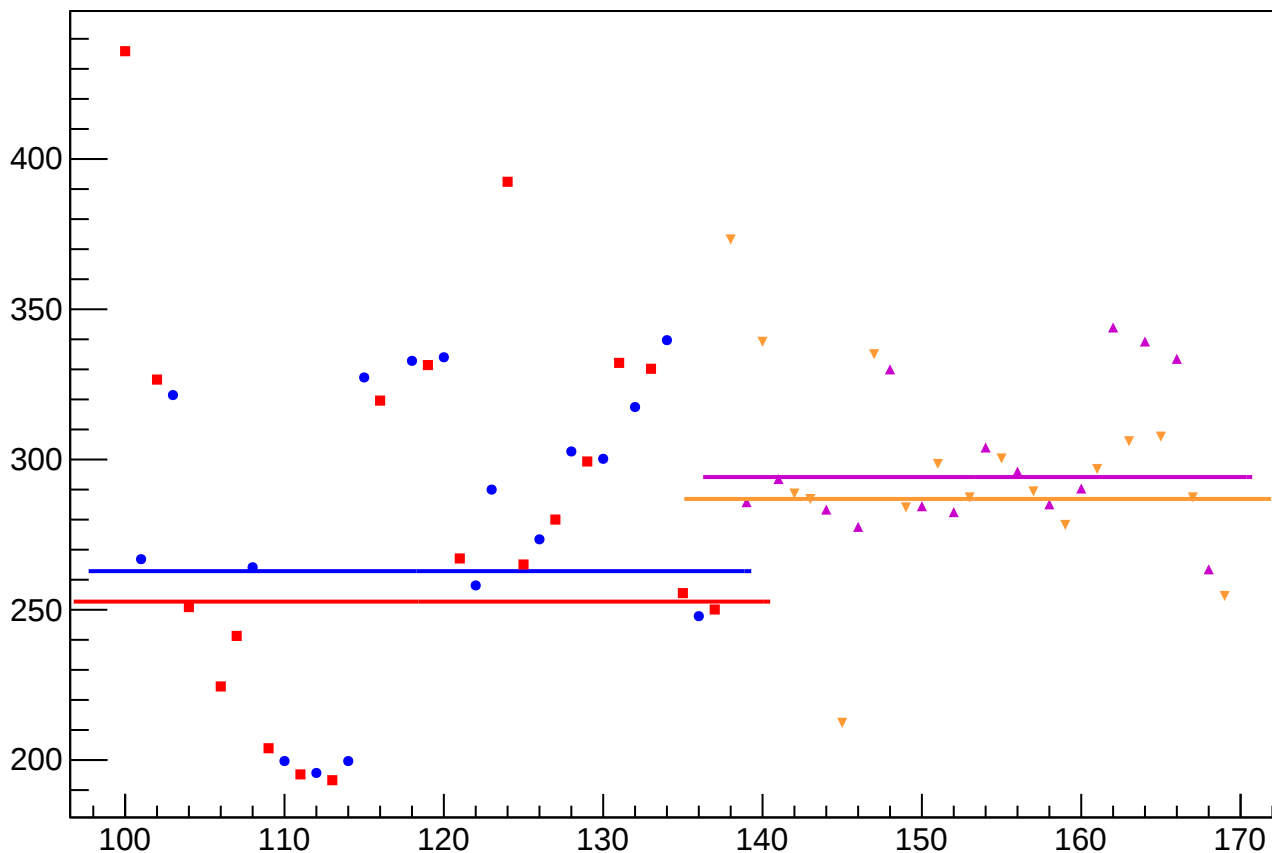
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 246.764 $\pm$ 66.354 χ^2/NDF : 32.1/31

Out: 253.298 $\pm$ 62.397 χ^2/NDF : 28.6/35

All: 250.232 $\pm$ 45.456 χ^2/NDF : 60.7/67

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: 252.720 $\pm$ 0.069 χ^2/NDF : 539727.3/18

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

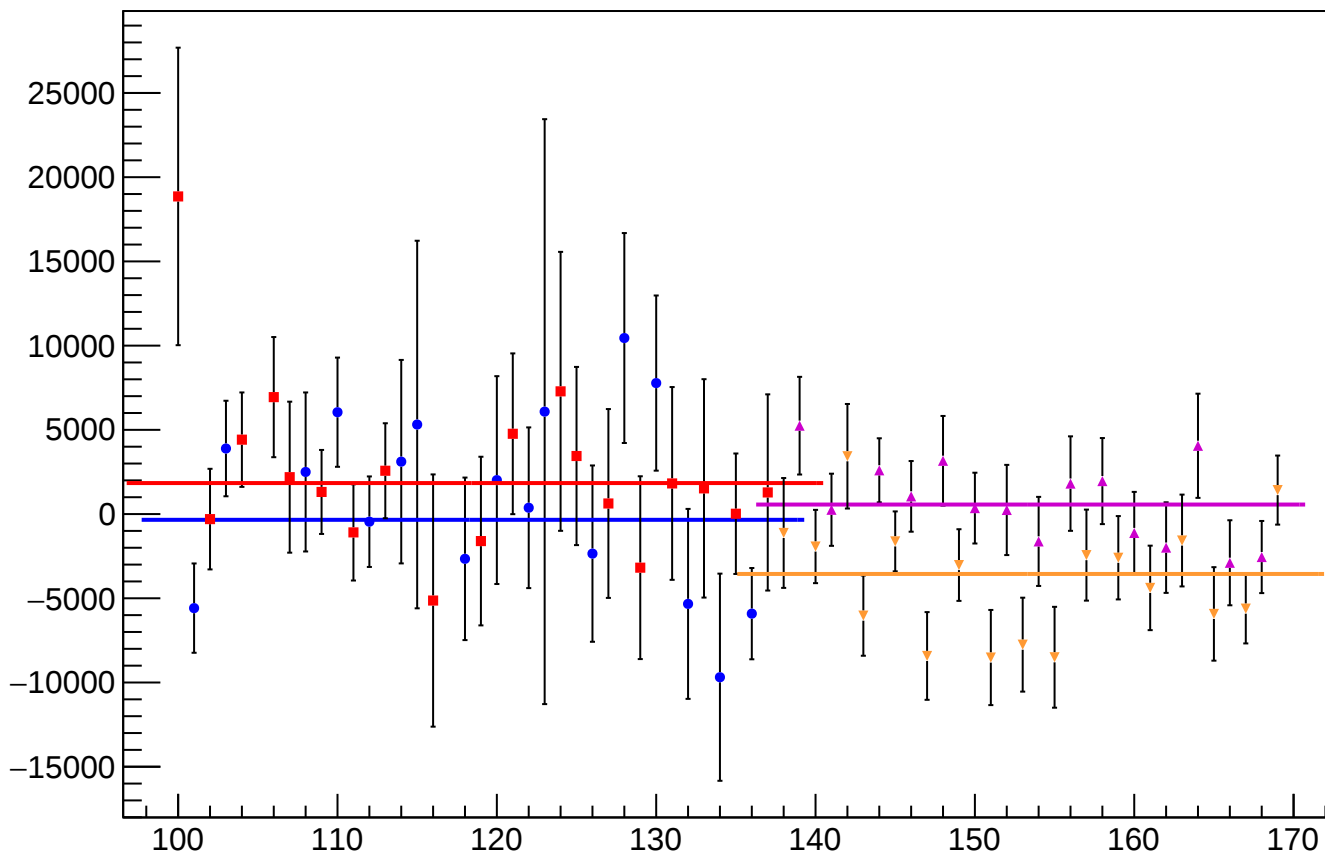
Right: 257.498 $\pm$ 0.050 χ^2/NDF : 961572.8/35

In: 281.292 $\pm$ 0.047 χ^2/NDF :644398.1/31

Out: 272.952 $\pm$ 0.044 χ^2/NDF :1063005.6/35

All: 276.866 $\pm$ 0.032 χ^2/NDF : 1724169.0/67

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3555.622 ± 594.298 χ^2/NDF : 28.7/16

Right Out: 1840.596 ± 924.746 χ^2/NDF : 11.7/18

Left In: 565.092 ± 625.324 χ^2/NDF : 12.6/14

Left: -1600.026 ± 430.783 χ^2/NDF : 64.1/31

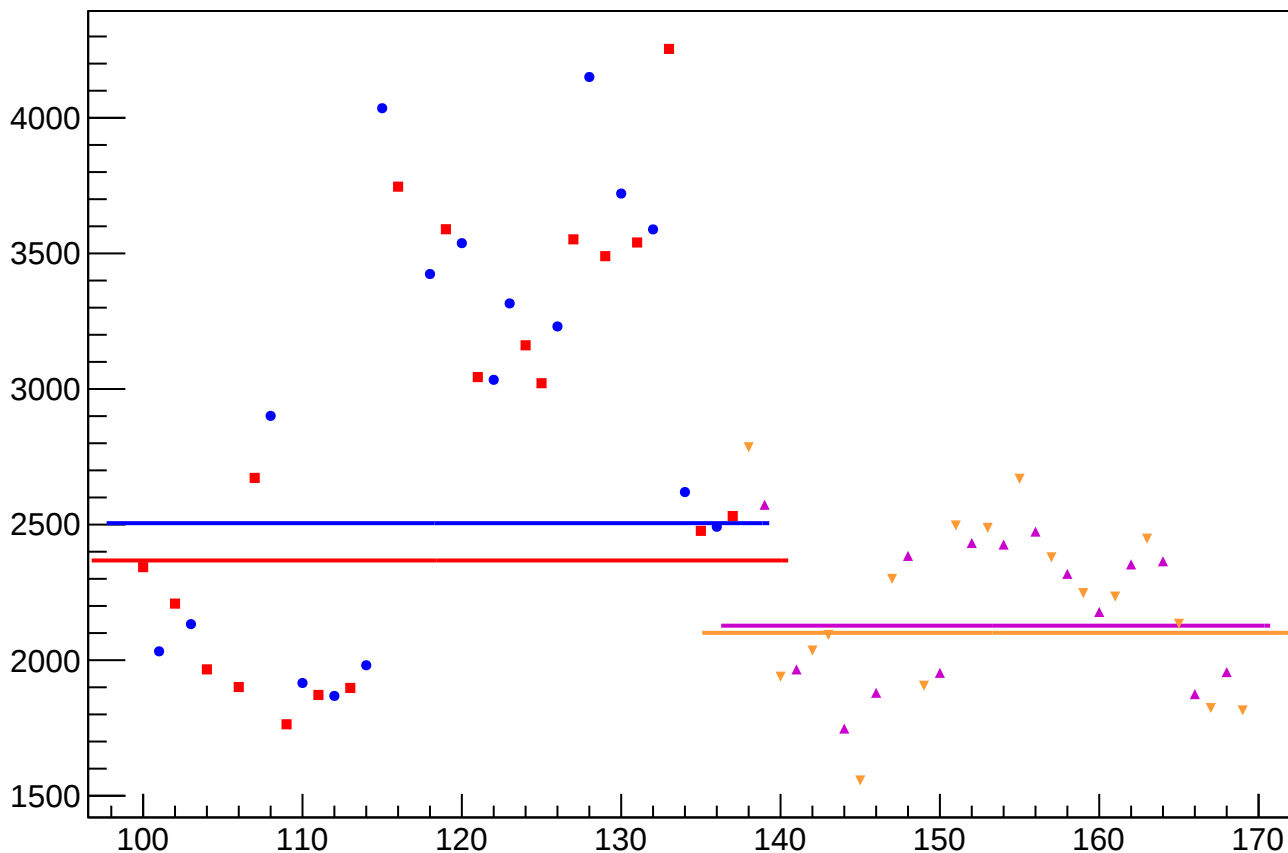
Right: 839.728 ± 680.387 χ^2/NDF : 38.7/35

In: 311.921 ± 530.884 χ^2/NDF : 37.6/31

Out: -1978.349 ± 499.955 χ^2/NDF : 64.5/35

All: -901.868 ± 363.965 χ^2/NDF : 112.0/67

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2100.895 $\pm$ 0.420 χ^2 /NDF: 607372.7/16

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2127.289 $\pm$ 0.442 χ^2 /NDF: 351367.7/14

Left: 2113.421 $\pm$ 0.305 χ^2 /NDF: 960612.5/31

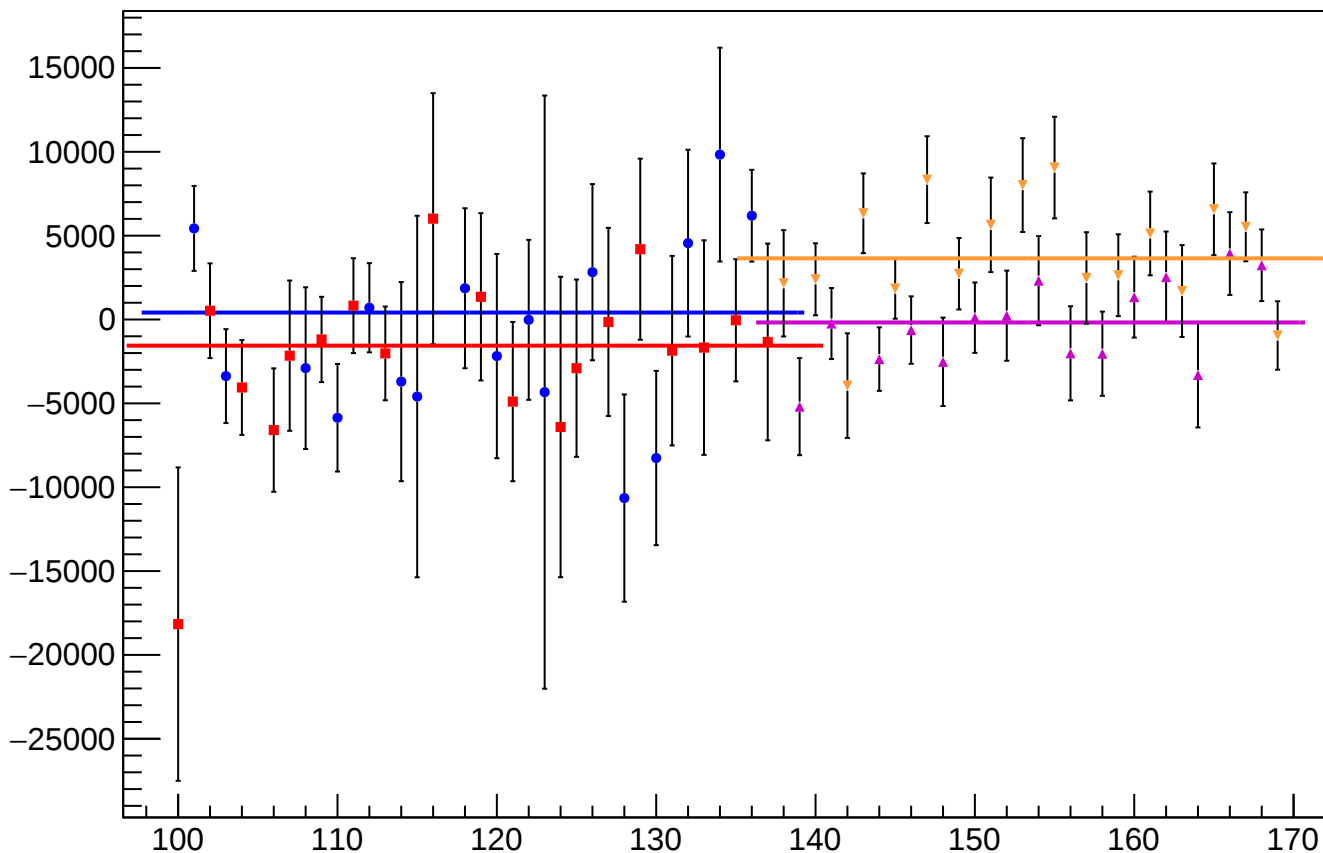
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2232.854 $\pm$ 0.375 χ^2 /NDF: 1419618.3/31

Out: 2178.889 $\pm$ 0.354 χ^2 /NDF: 1756117.0/35

All: 2204.254 $\pm$ 0.257 χ^2 /NDF: 3186687.8/67

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 3647.184 ± 592.828 $\chi^2/\text{NDF}: 26.7/16$

Right Out: -1558.787 ± 924.438 $\chi^2/\text{NDF}: 10.7/18$

Left In: -176.135 ± 620.332 $\chi^2/\text{NDF}: 14.8/14$

Left: 1822.160 ± 428.586 $\chi^2/\text{NDF}: 61.3/31$

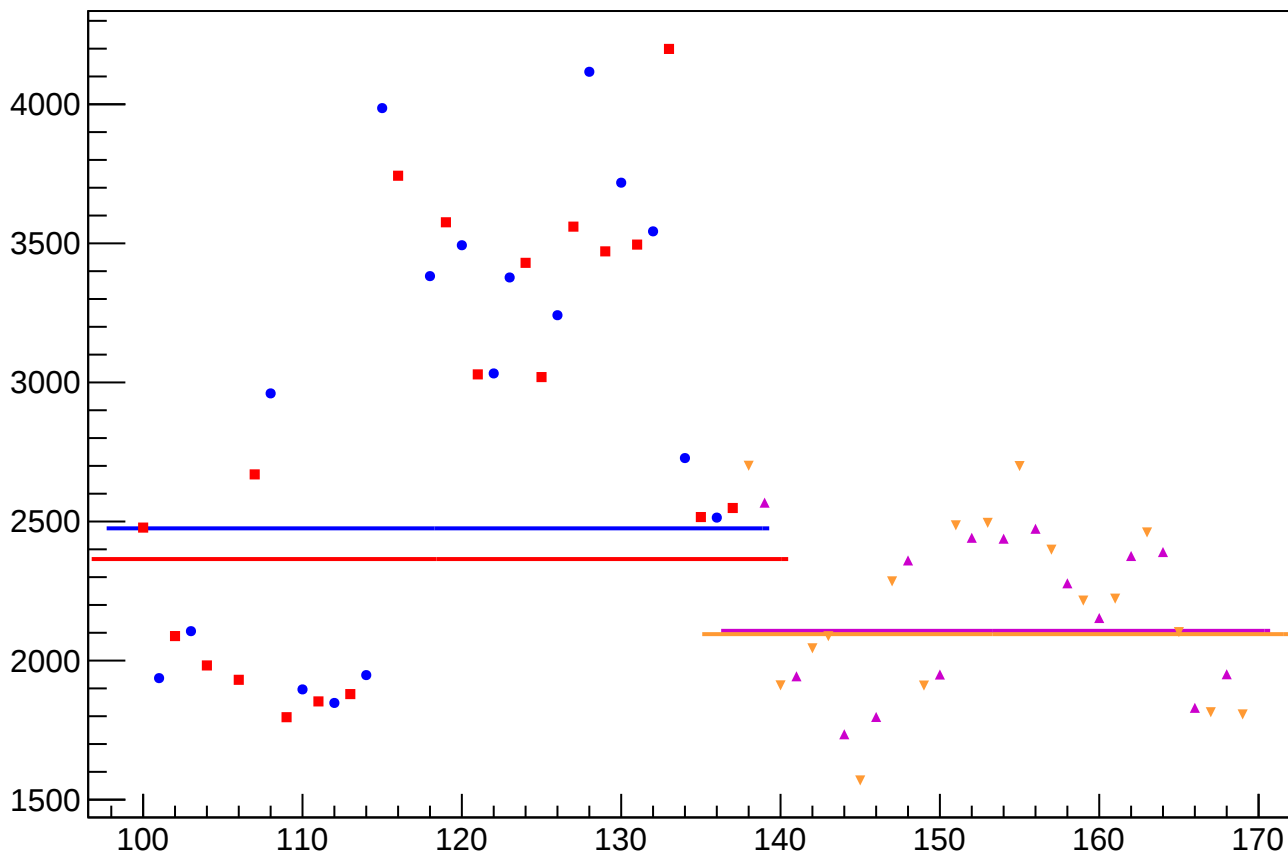
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -10.504 ± 526.394 $\chi^2/\text{NDF}: 39.5/31$

Out: 2130.132 ± 499.031 $\chi^2/\text{NDF}: 59.8/35$

All: 1116.896 ± 362.155 $\chi^2/\text{NDF}: 108.1/67$

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: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2106.909+/-0.439 χ^2/NDF : 395006.8/14

Left: 2100.732+/-0.303 χ^2/NDF : 987974.6/31

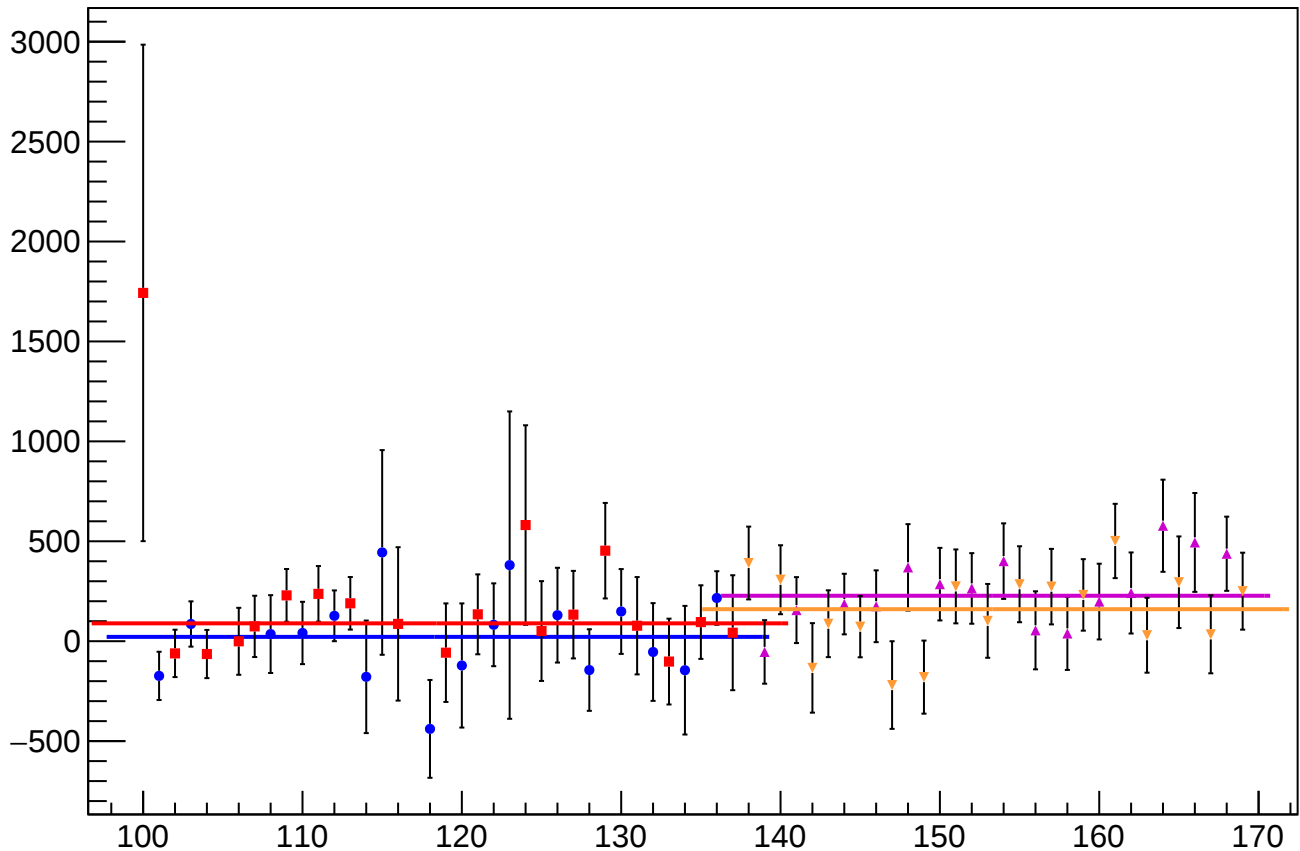
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2210.071+/-0.372 χ^2/NDF : 1505672.2/31

Out: 2173.752+/-0.353 χ^2/NDF : 1740593.2/35

All: 2190.943+/-0.256 χ^2/NDF : 3251279.8/67

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: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

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

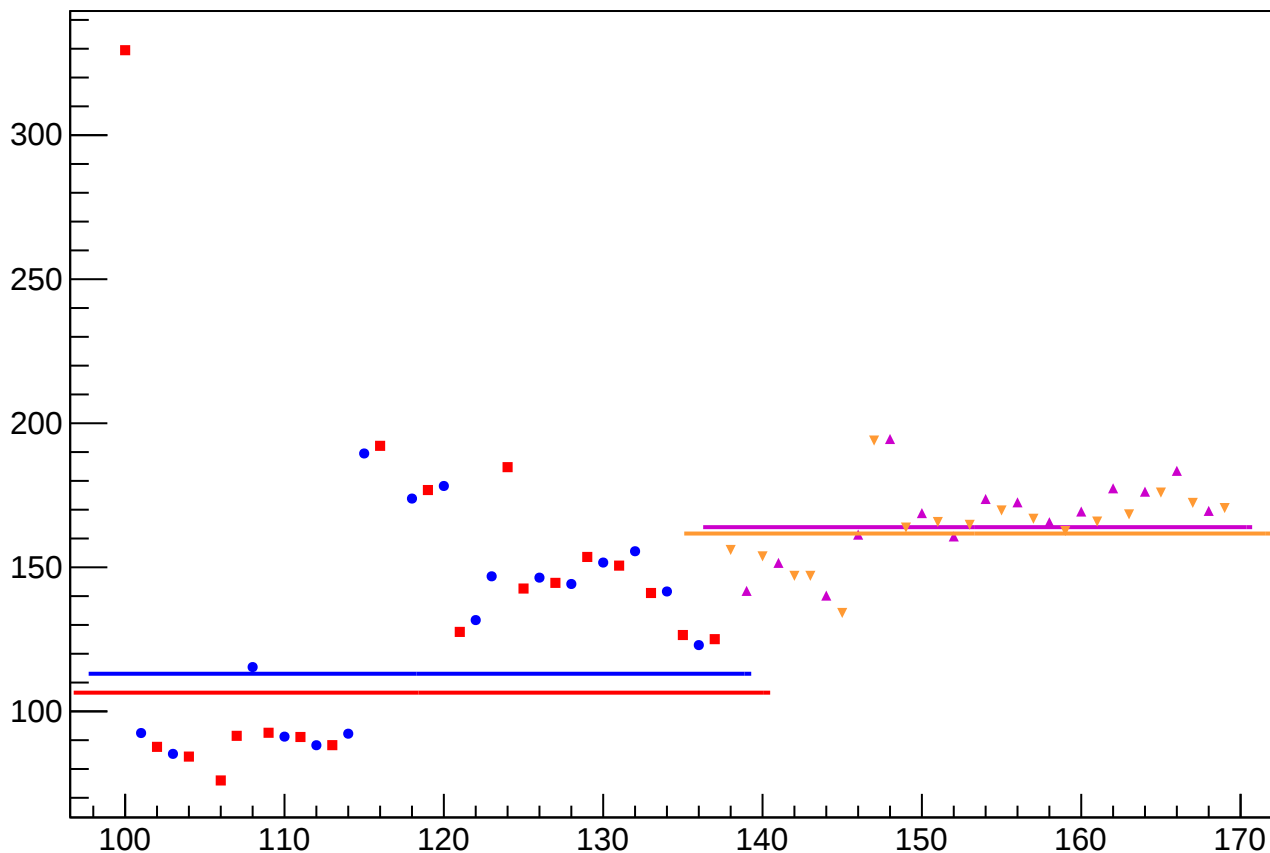
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 118.383 $\pm$ 32.869 χ^2 /NDF:33.9/31

Out: 121.917 $\pm$ 30.713 χ^2 /NDF:31.3/35

All: 120.270 $\pm$ 22.441 χ^2 /NDF: 65.2/67

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 161.725 $\pm$ 0.032 χ^2/NDF :166381.9/16

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 163.940 $\pm$ 0.034 χ^2/NDF :181634.1/14

Left: 162.769 $\pm$ 0.023 χ^2/NDF : 350274.1/31

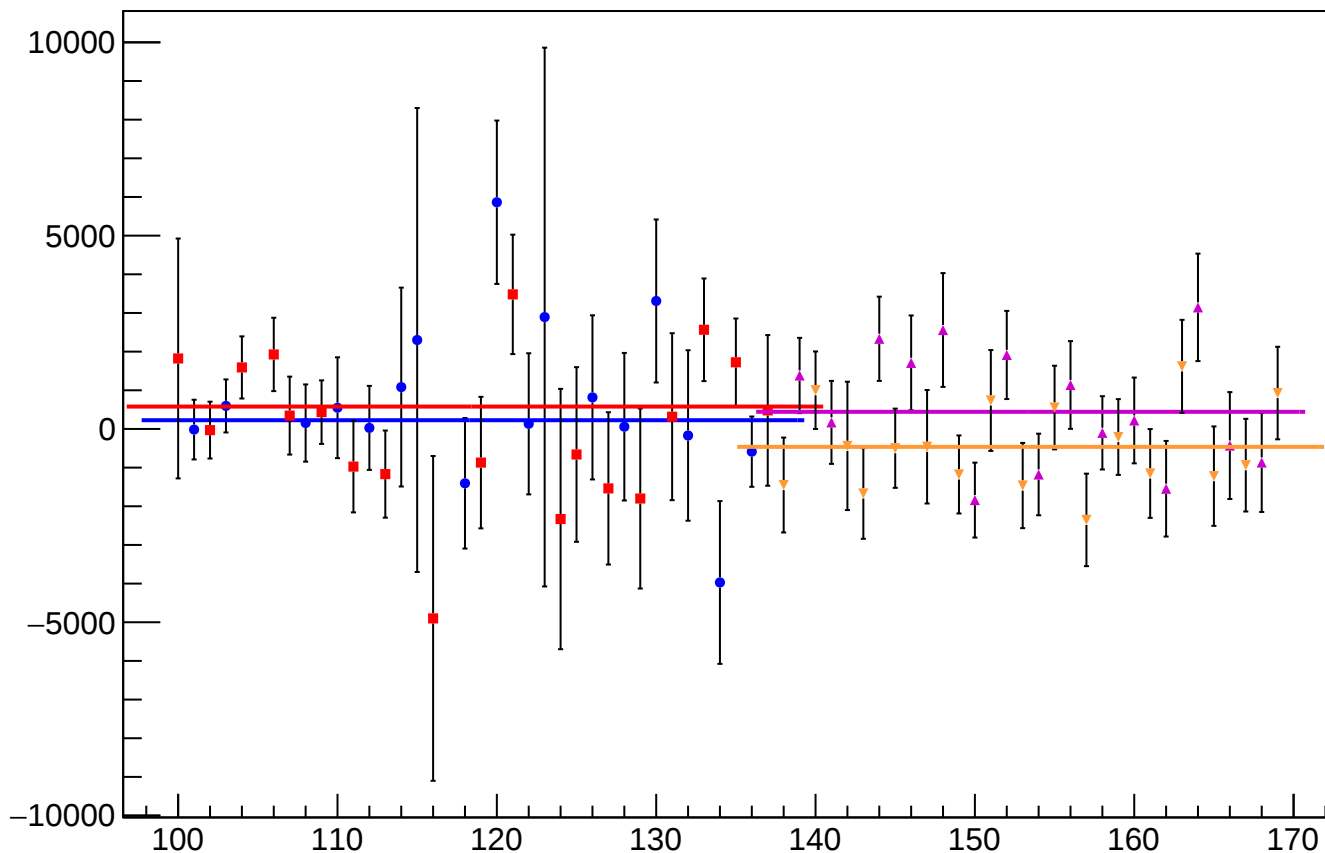
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 136.982 $\pm$ 0.023 χ^2/NDF :2196335.1/31

Out: 131.910 $\pm$ 0.022 χ^2/NDF :2789342.2/35

All: 134.275 $\pm$ 0.016 χ^2/NDF : 5011099.1/67

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -463.312 $\pm$ 281.718 χ^2 /NDF:14.7/16

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 443.108 $\pm$ 293.187 χ^2 /NDF:25.3/14

Left: -28.177 $\pm$ 203.138 χ^2 /NDF: 44.9/31

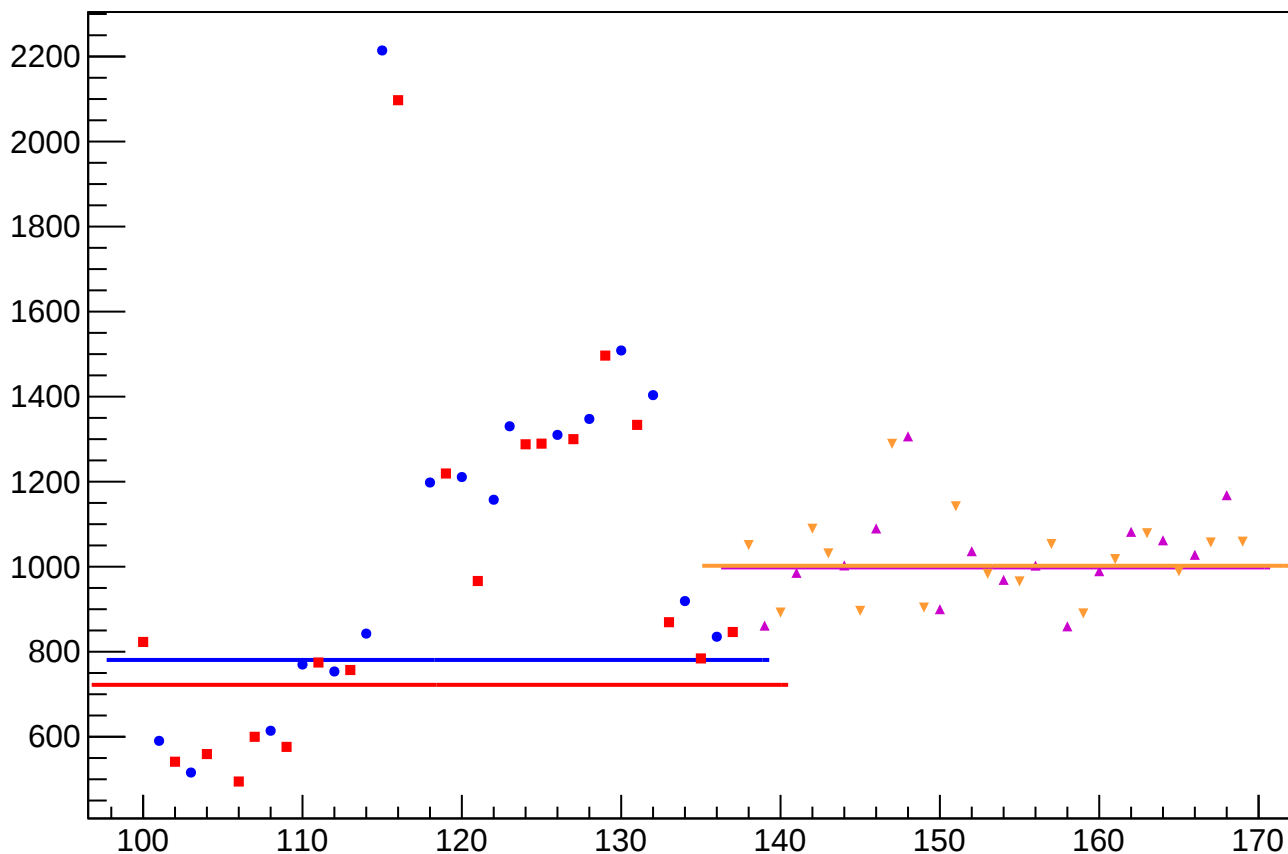
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 344.337 $\pm$ 216.607 χ^2 /NDF:41.5/31

Out: 44.133 $\pm$ 201.810 χ^2 /NDF:42.5/35

All: 183.632 $\pm$ 147.655 χ^2 /NDF: 85.0/67

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: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

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

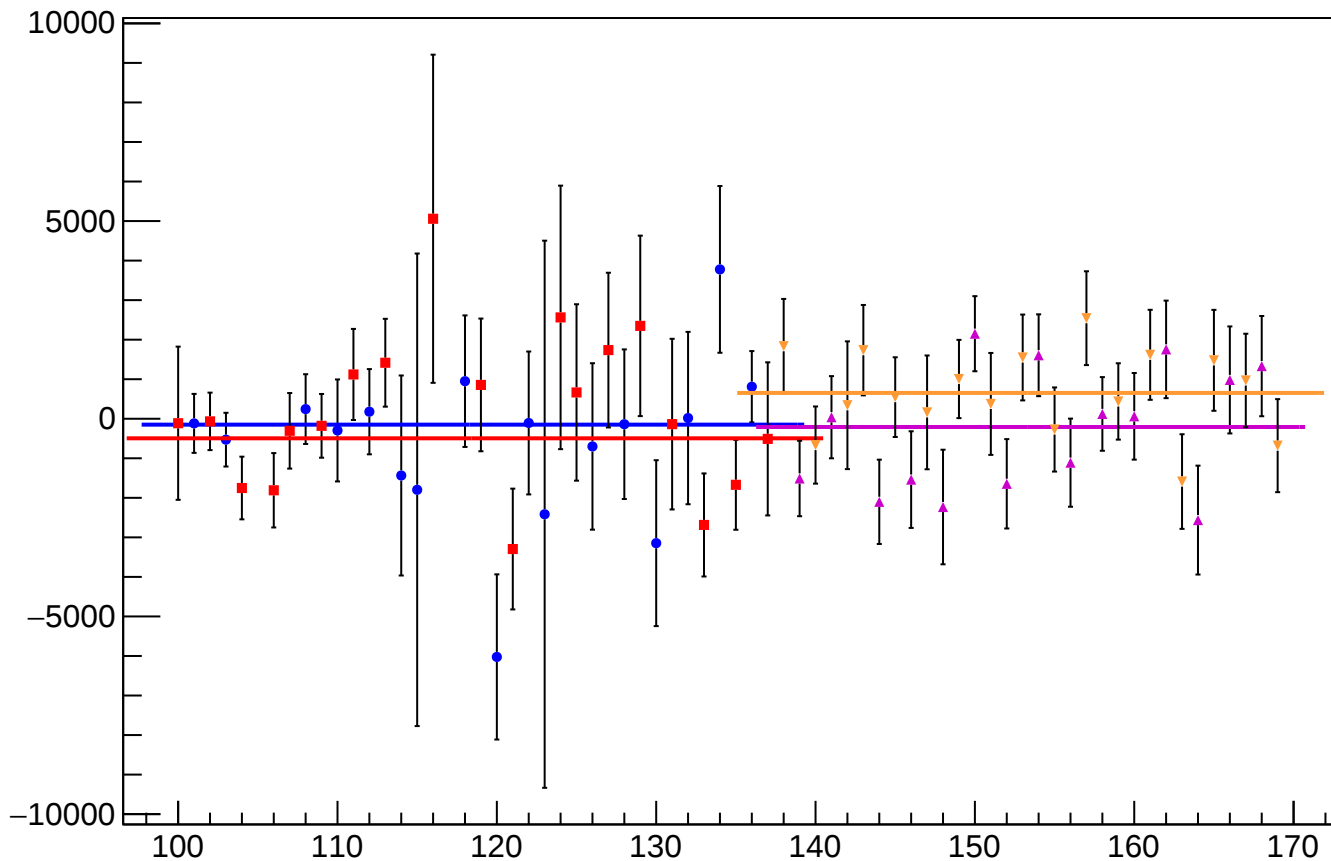
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 899.450 $\pm$ 0.153 χ^2 /NDF: 2365240.9/31

Out: 865.870 $\pm$ 0.143 χ^2 /NDF: 2814923.3/35

All: 881.474 $\pm$ 0.104 χ^2 /NDF: 5205896.3/67

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: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -208.349+/-288.454 χ^2/NDF :27.6/14

Left: 239.818+/-199.825 χ^2/NDF : 46.3/31

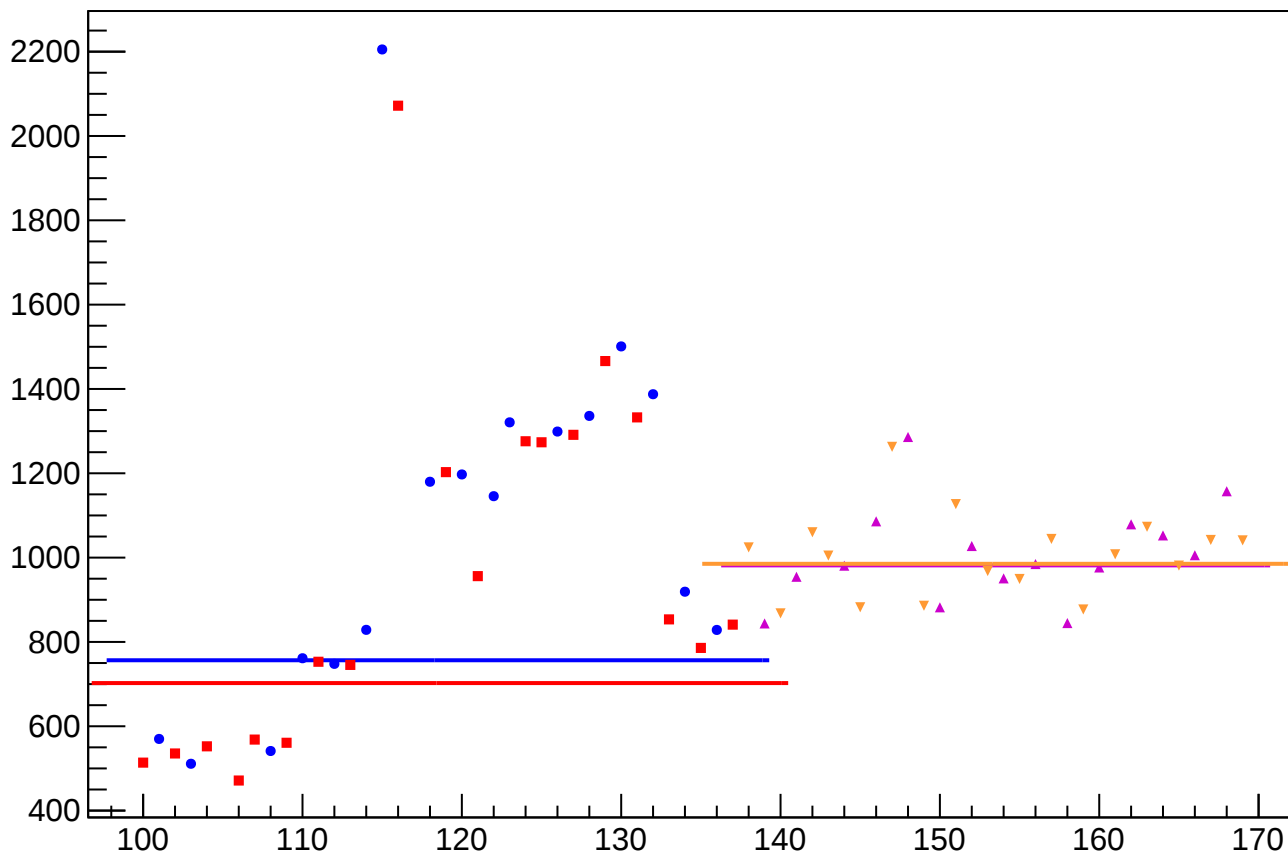
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -181.164+/-212.104 χ^2/NDF :43.8/31

Out: 90.811+/-197.889 χ^2/NDF :46.1/35

All: -35.758+/-144.693 χ^2/NDF : 90.8/67

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: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

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

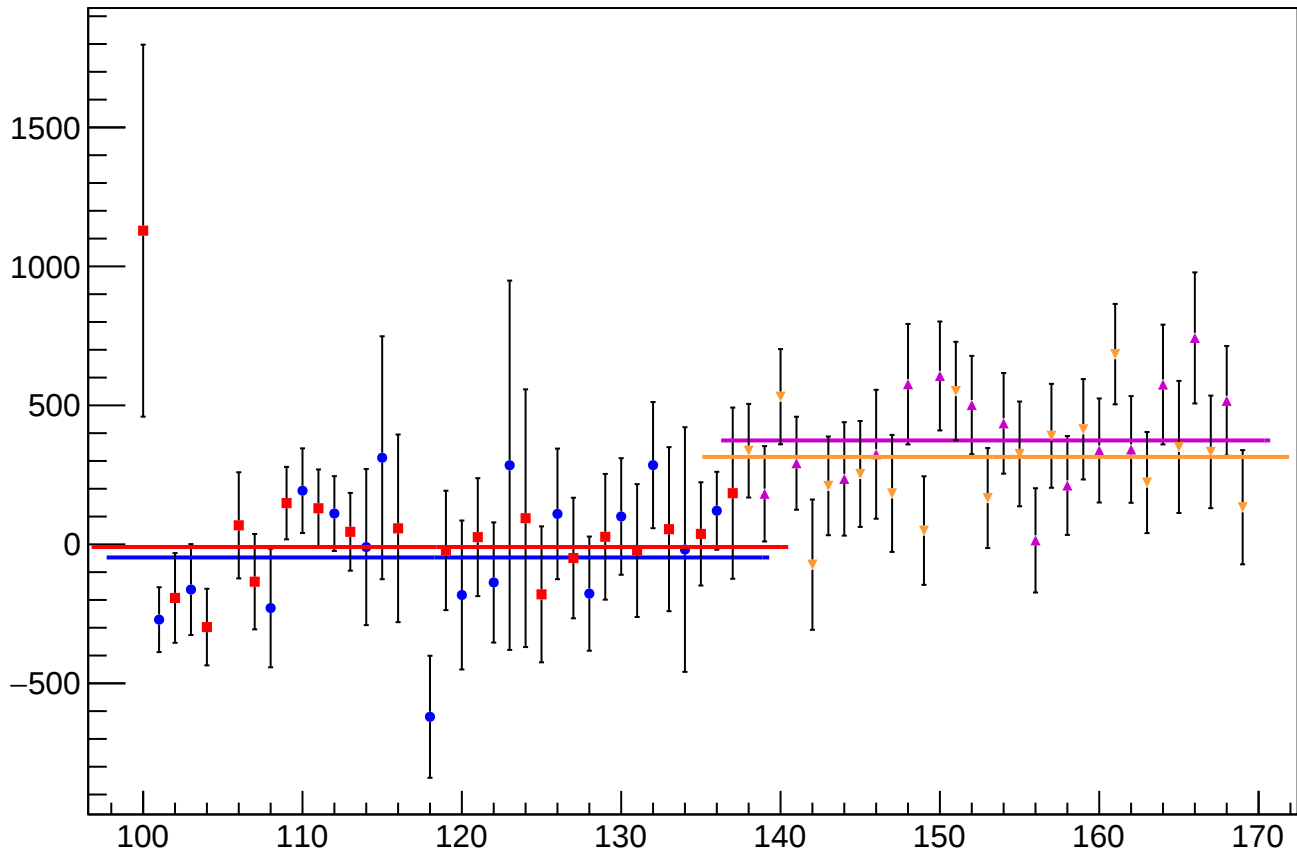
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 878.206 $\pm$ 0.150 χ^2 /NDF: 2545724.0/31

Out: 846.720 $\pm$ 0.140 χ^2 /NDF: 2939612.0/35

All: 861.373 $\pm$ 0.102 χ^2 /NDF: 5508898.7/67

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: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

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

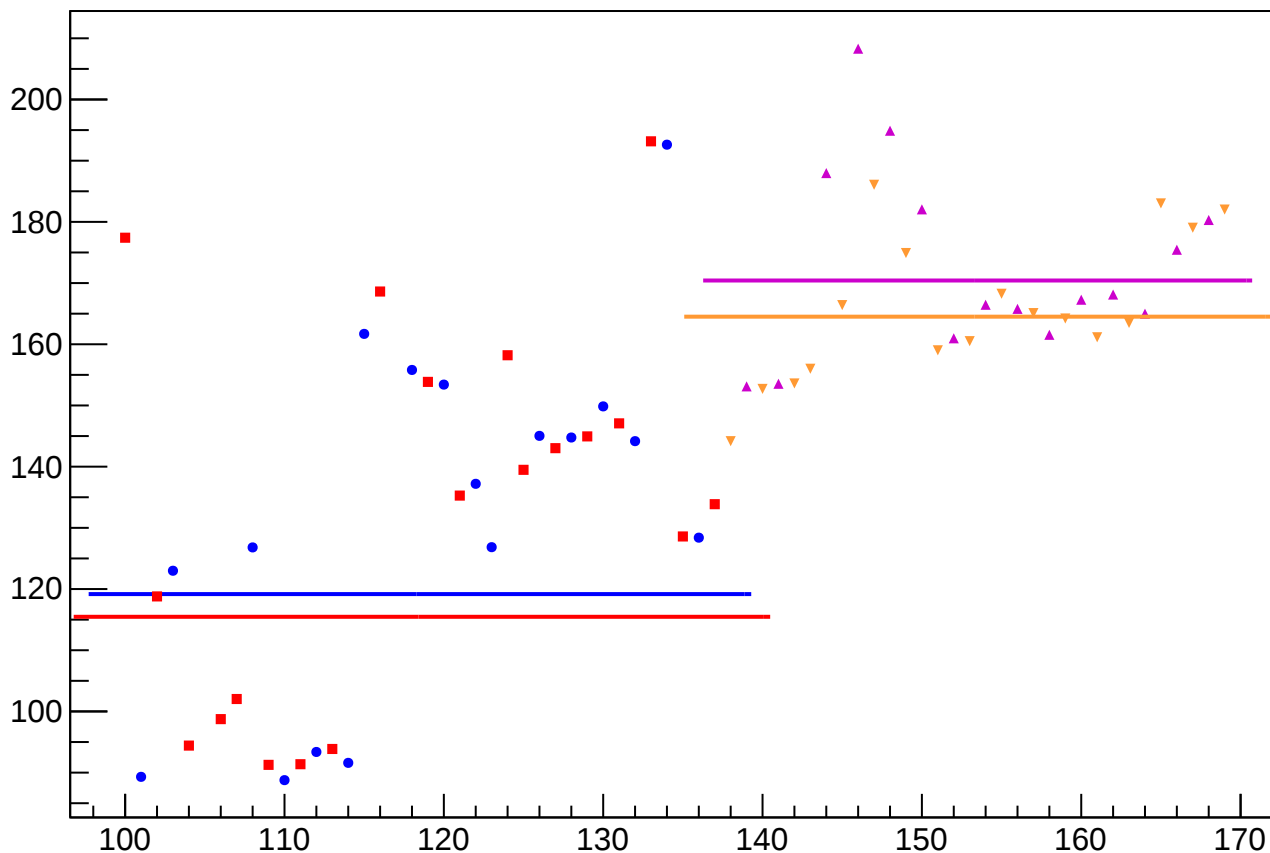
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 152.304 $\pm$ 34.288 χ^2/NDF : 72.8/31

Out: 148.069 $\pm$ 32.078 χ^2/NDF : 53.8/35

All: 150.046 $\pm$ 23.425 χ^2/NDF : 126.6/67

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: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 170.421+/-0.035 χ^2/NDF : 162329.8/14

Left: 167.232+/-0.024 χ^2/NDF : 293414.6/31

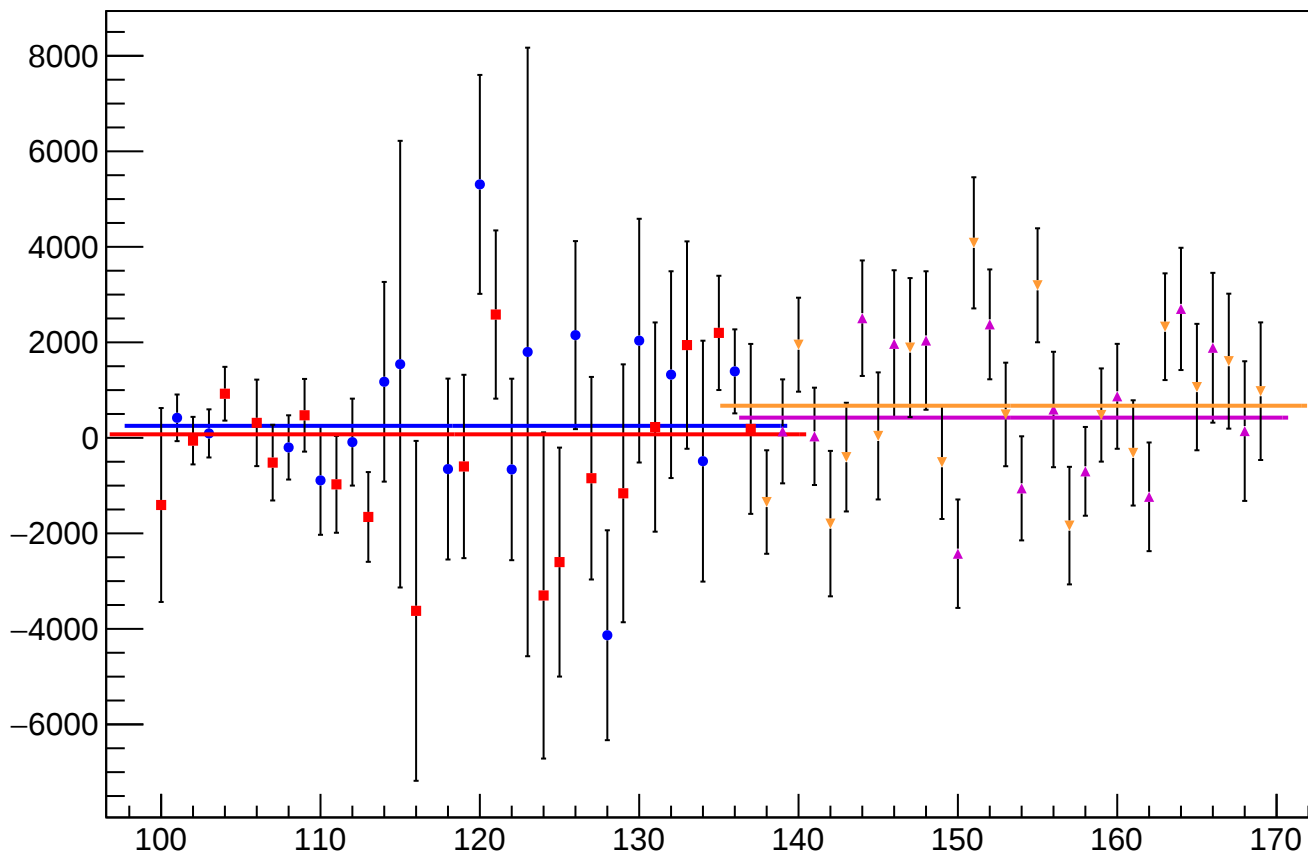
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 143.457+/-0.024 χ^2/NDF : 1891467.1/31

Out: 139.308+/-0.023 χ^2/NDF : 1976559.1/35

All: 141.244+/-0.017 χ^2/NDF : 3883642.8/67

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 672.906+/-291.090 χ^2/NDF : 29.0/16

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 423.446+/-305.894 χ^2/NDF : 24.3/14

Left: 554.359+/-210.871 χ^2/NDF : 53.7/31

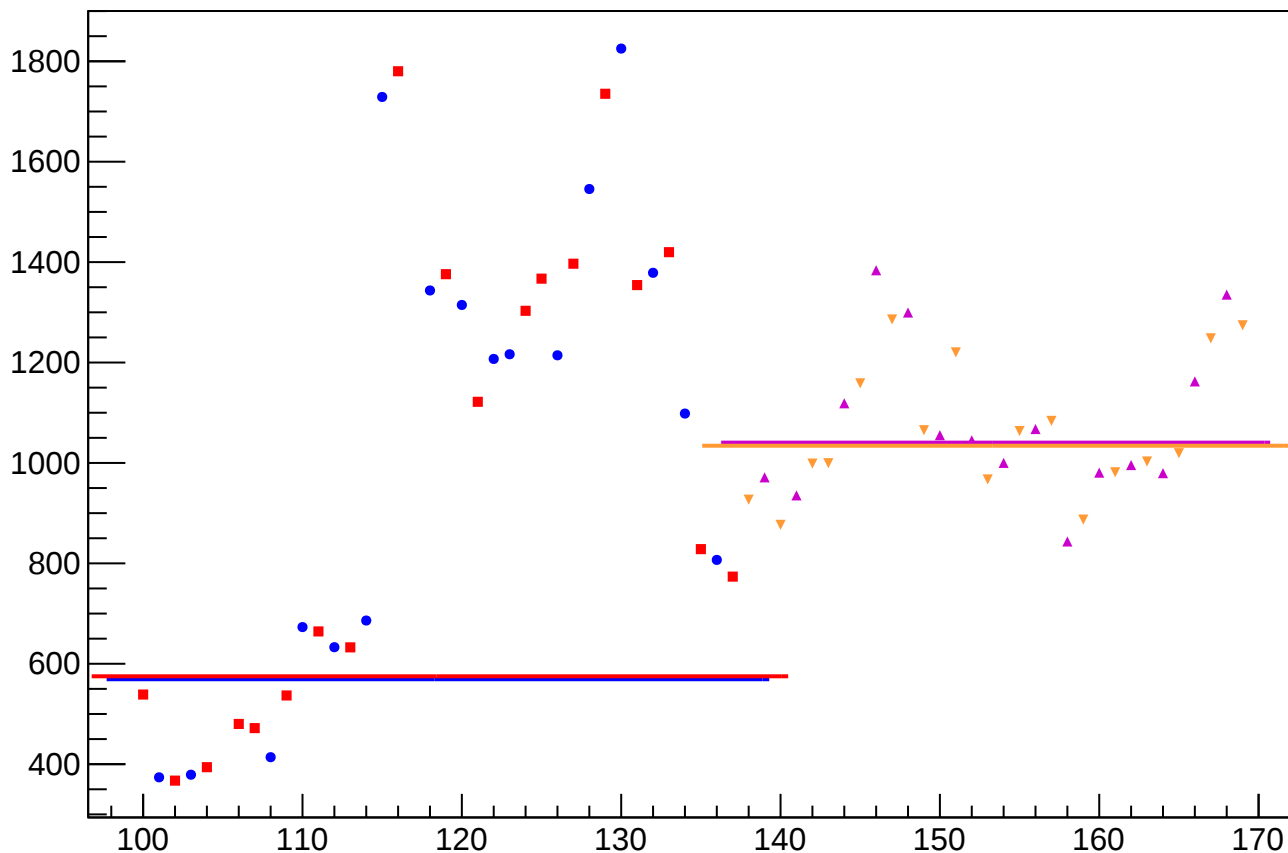
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 321.424+/-194.875 χ^2/NDF : 39.4/31

Out: 321.187+/-186.980 χ^2/NDF : 49.5/35

All: 321.301+/-134.920 χ^2/NDF : 88.9/67

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: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

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

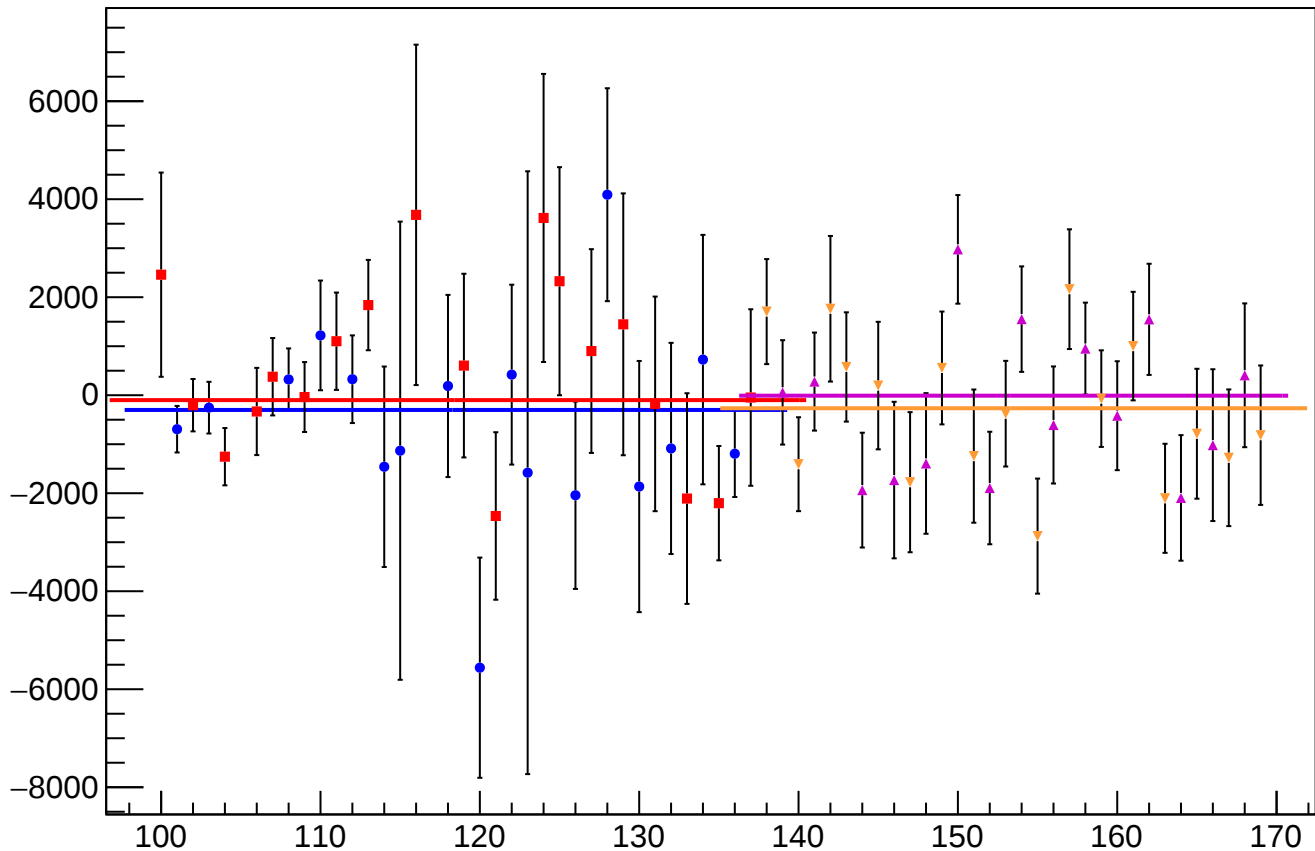
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 760.460 $\pm$ 0.138 χ^2 /NDF: 6488889.6/31

Out: 764.544 $\pm$ 0.132 χ^2 /NDF: 6337556.9/35

All: 762.586 $\pm$ 0.095 χ^2 /NDF: 12826903.9/67

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: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: -9.454 ± 303.758 χ^2/NDF : 23.4/14

Left: -144.587 ± 208.898 χ^2/NDF : 47.1/31

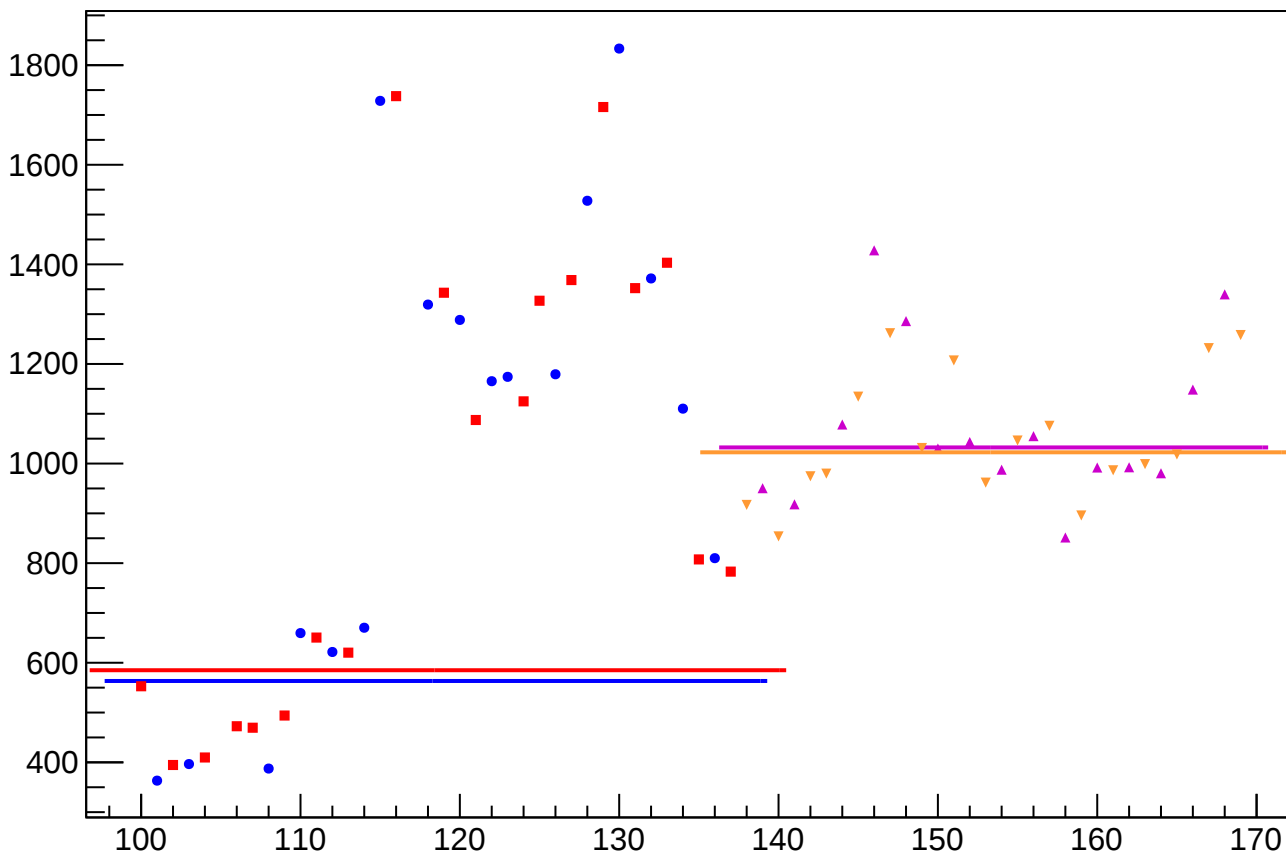
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -182.889 ± 193.169 χ^2/NDF : 40.7/31

Out: -169.988 ± 186.965 χ^2/NDF : 45.9/35

All: -176.228 ± 134.344 χ^2/NDF : 86.6/67

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: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

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

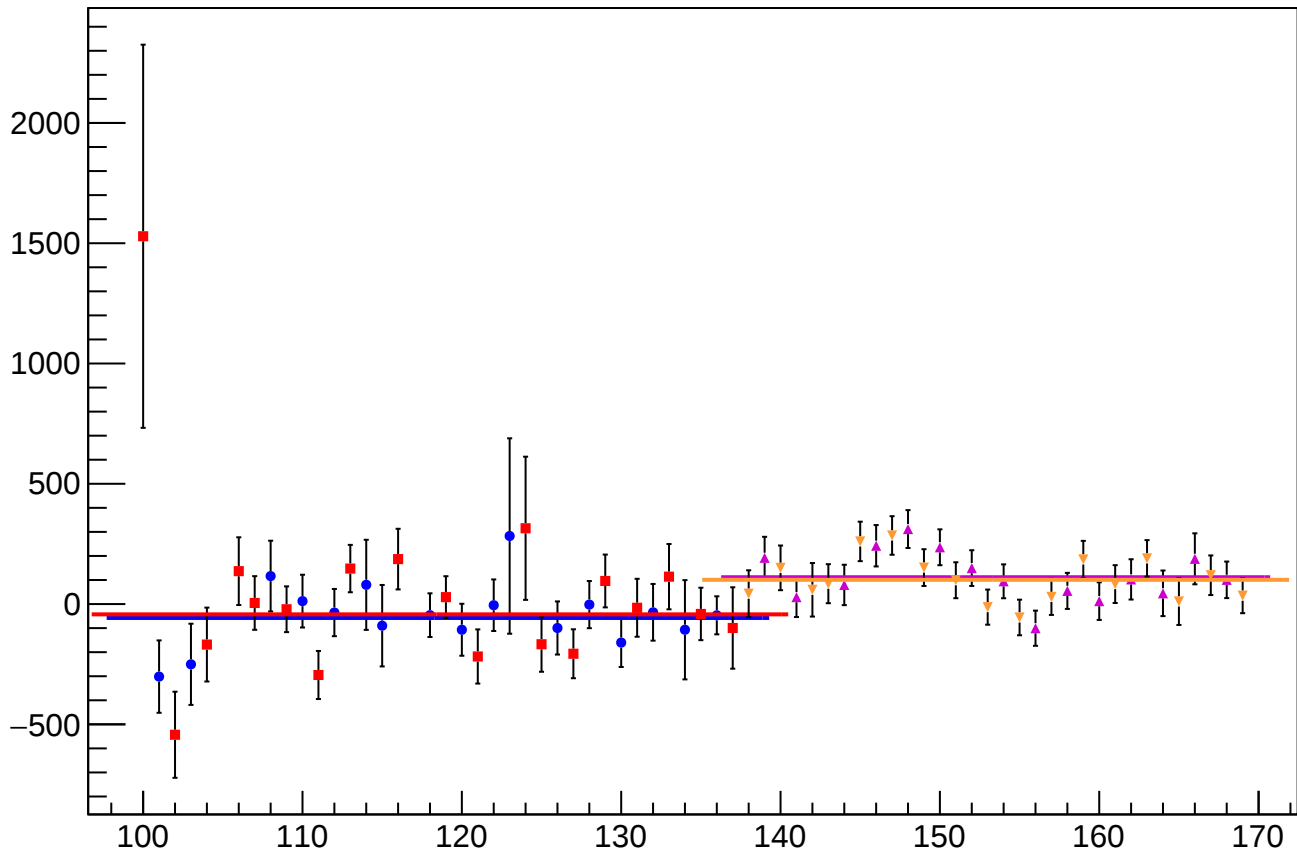
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 753.059 $\pm$ 0.137 χ^2 /NDF:6511033.4/31

Out: 769.732 $\pm$ 0.132 χ^2 /NDF:5832584.2/35

All: 761.667 $\pm$ 0.095 χ^2 /NDF: 12351311.0/67

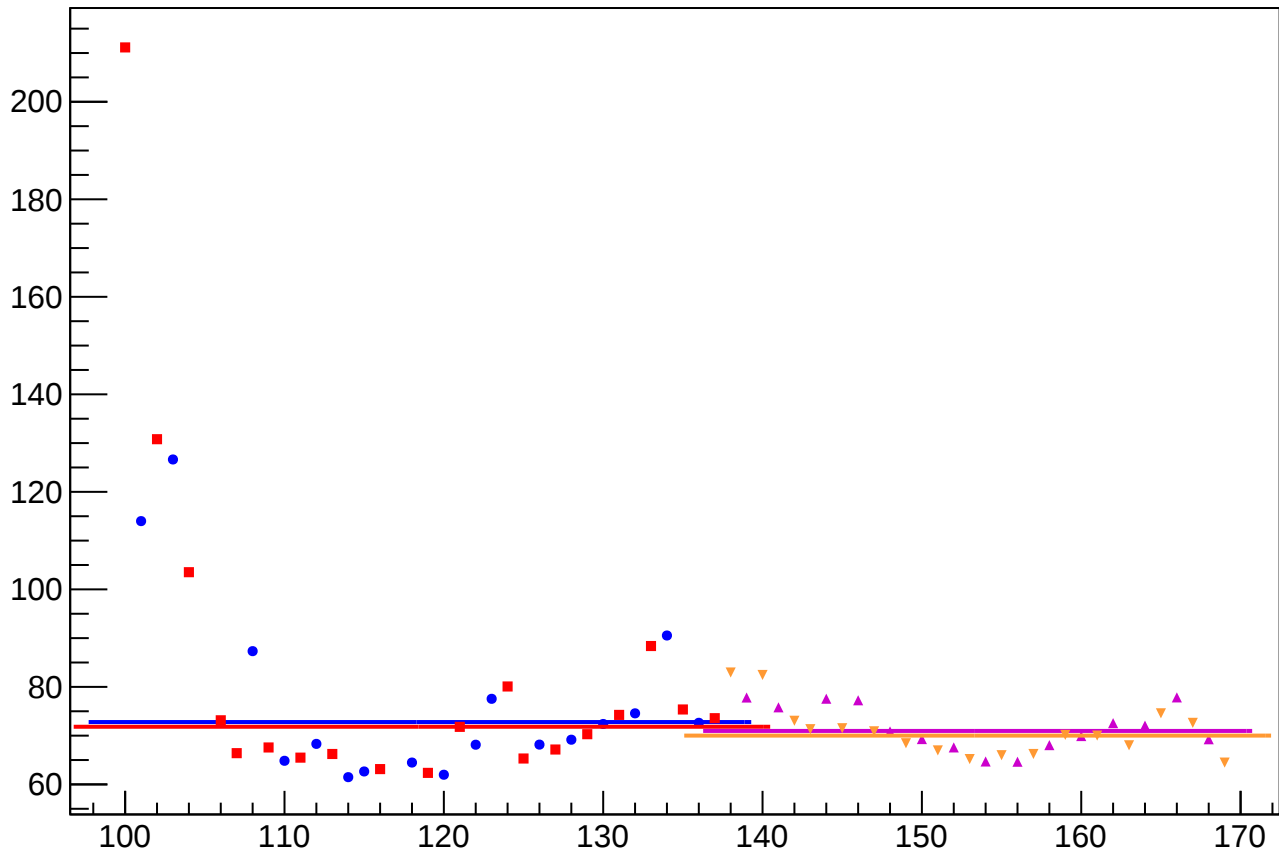
dit_asym_sam7_mean vs Slug, Sign Corrected



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: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 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: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 53.438 ± 16.812 $\chi^2/\text{NDF}: 57.5/31$
 Out: 52.844 ± 16.003 $\chi^2/\text{NDF}: 79.5/35$
 All: 53.126 ± 11.591 $\chi^2/\text{NDF}: 137.0/67$

dit_asym_sam7_rms vs Slug, Sign Corrected

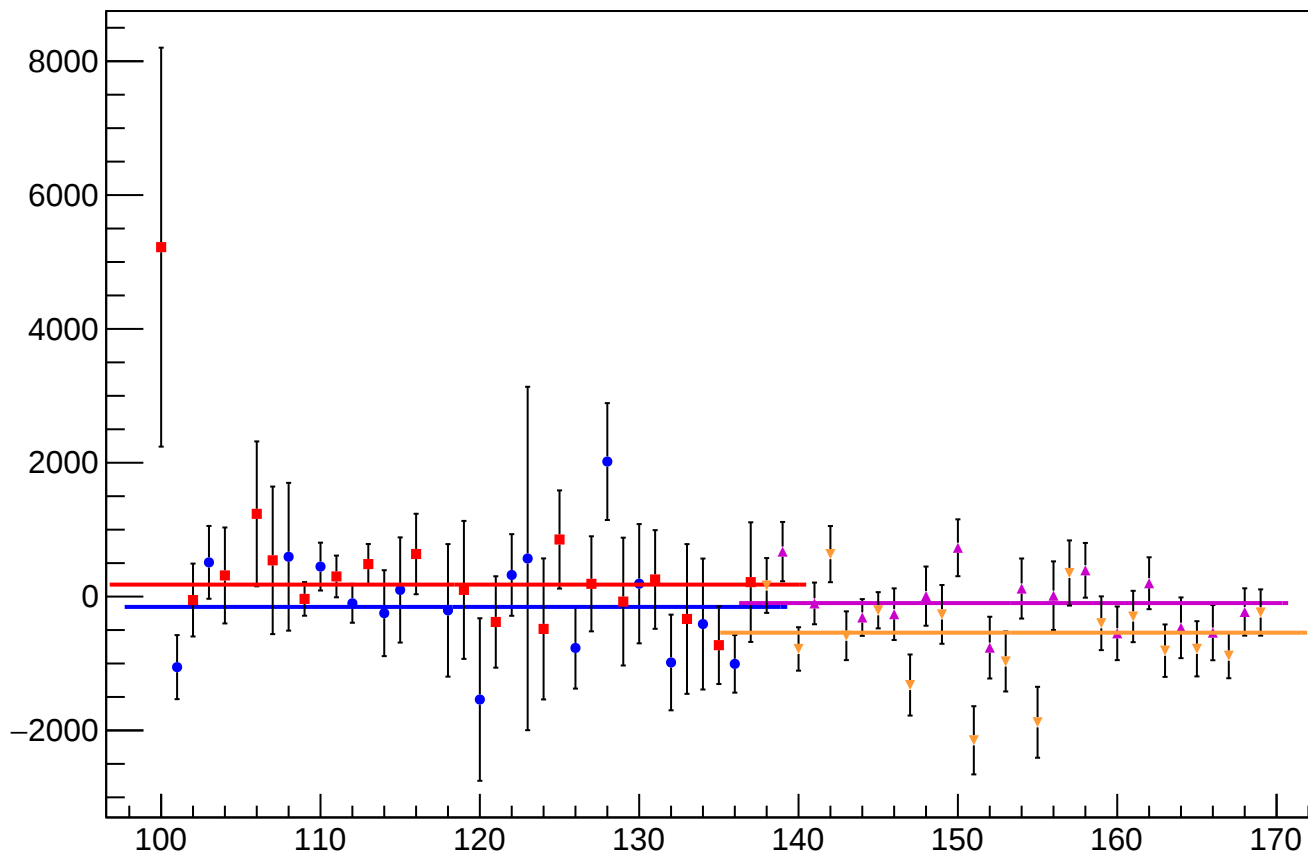


Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$
 Left Out: 70.010 ± 0.014 $\chi^2/\text{NDF}: 117395.4/16$
 Right Out: 71.824 ± 0.020 $\chi^2/\text{NDF}: 465654.1/18$
 Left In: 70.968 ± 0.015 $\chi^2/\text{NDF}: 91953.8/14$

Left: 70.462 ± 0.010 $\chi^2/\text{NDF}: 211600.4/31$
 Right: 72.290 ± 0.014 $\chi^2/\text{NDF}: 931600.5/35$
 In: 71.593 ± 0.012 $\chi^2/\text{NDF}: 562021.7/31$
 Out: 70.616 ± 0.011 $\chi^2/\text{NDF}: 588762.5/35$

All: 71.081 ± 0.008 $\chi^2/\text{NDF}: 1154331.8/67$

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: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -96.993+/-101.495 χ^2/NDF :15.2/14

Left: -333.580+/-69.250 χ^2/NDF : 65.4/31

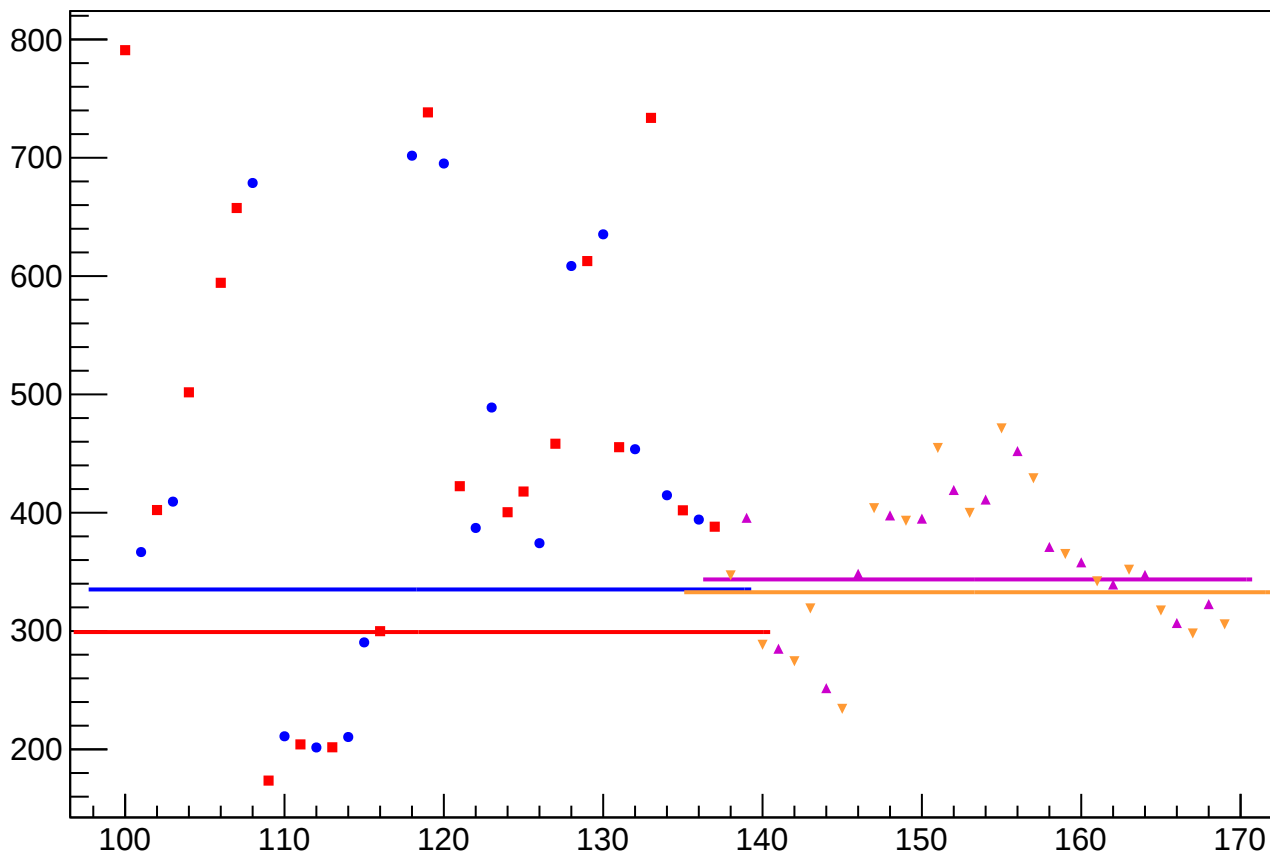
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -116.643+/-82.314 χ^2/NDF :38.5/31

Out: -280.413+/-75.737 χ^2/NDF :72.0/35

All: -205.330+/-55.734 χ^2/NDF : 112.7/67

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: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 343.611+/-0.072 χ^2/NDF : 605426.3/14

Left: 337.832+/-0.049 χ^2/NDF : 1479953.0/31

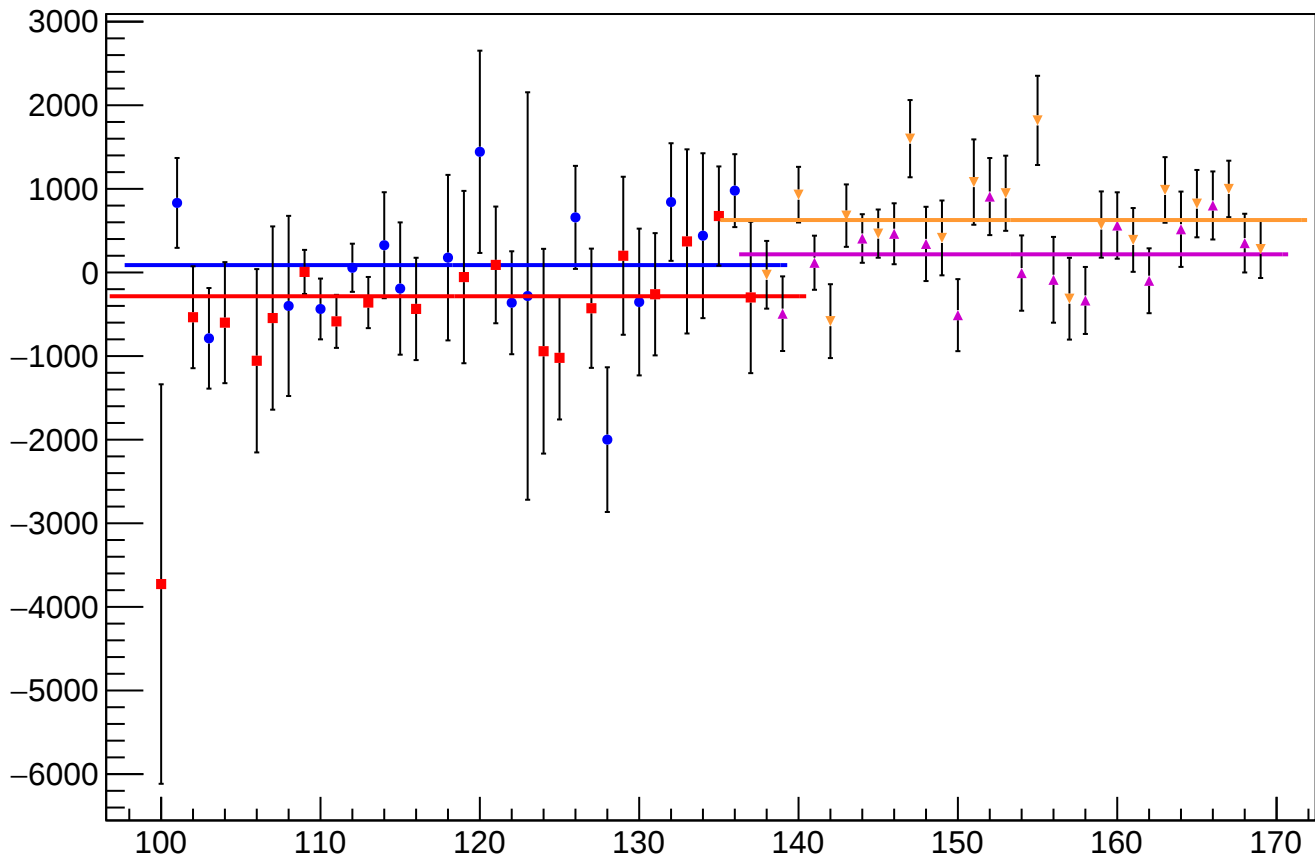
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 340.709+/-0.058 χ^2/NDF : 2604245.7/31

Out: 320.656+/-0.054 χ^2/NDF : 3784595.3/35

All: 329.850+/-0.039 χ^2/NDF : 6453122.6/67

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 627.051+/-95.951 χ^2/NDF : 29.6/16

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 217.076+/-102.004 χ^2/NDF : 15.2/14

Left: 434.587+/-69.889 χ^2/NDF : 53.5/31

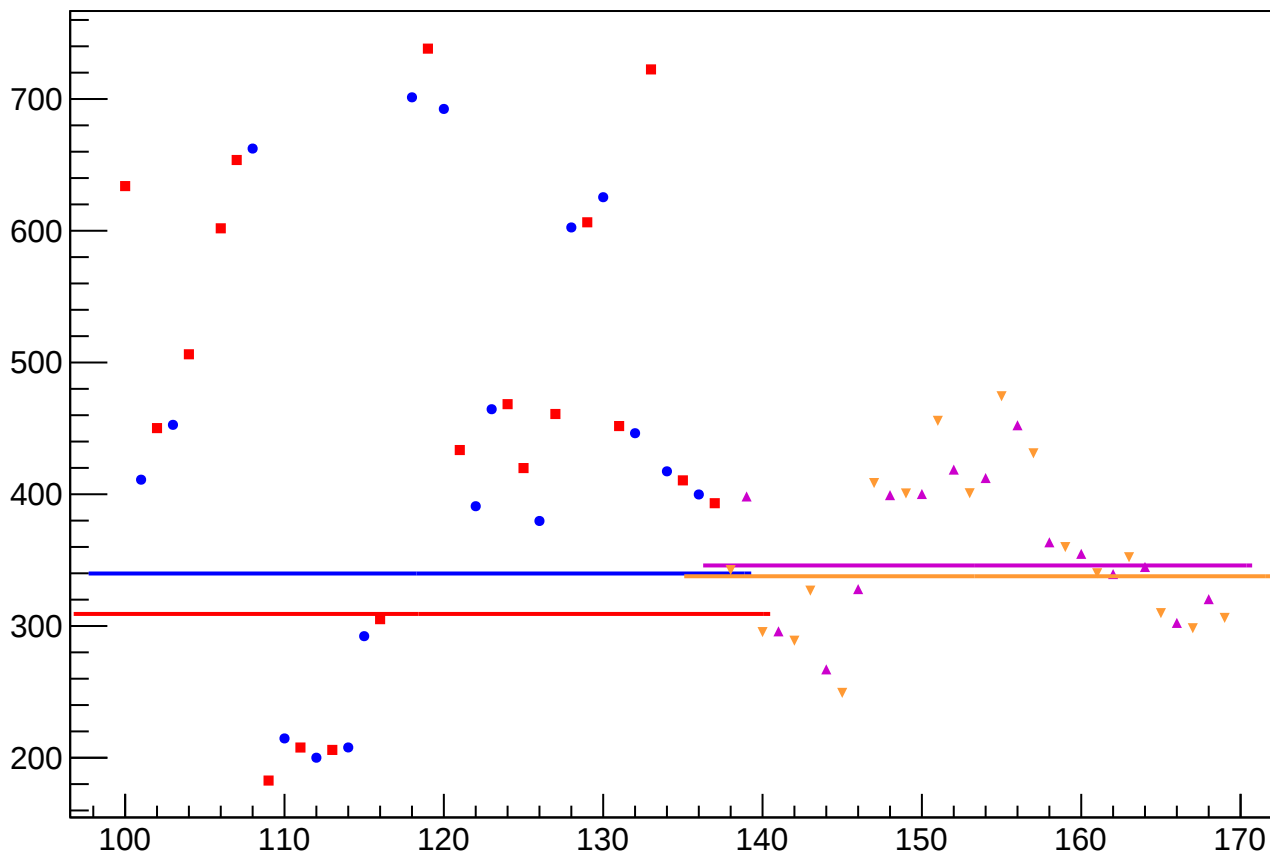
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 173.594+/-83.045 χ^2/NDF : 36.6/31

Out: 304.542+/-77.132 χ^2/NDF : 71.7/35

All: 243.896+/-56.516 χ^2/NDF : 109.6/67

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 337.760 ± 0.068 $\chi^2/\text{NDF}: 746435.9/16$

Right Out: 309.158 ± 0.092 $\chi^2/\text{NDF}: 2735887.4/18$

Left In: 345.954 ± 0.072 $\chi^2/\text{NDF}: 506247.5/14$

Left: 341.606 ± 0.049 $\chi^2/\text{NDF}: 1259530.8/31$

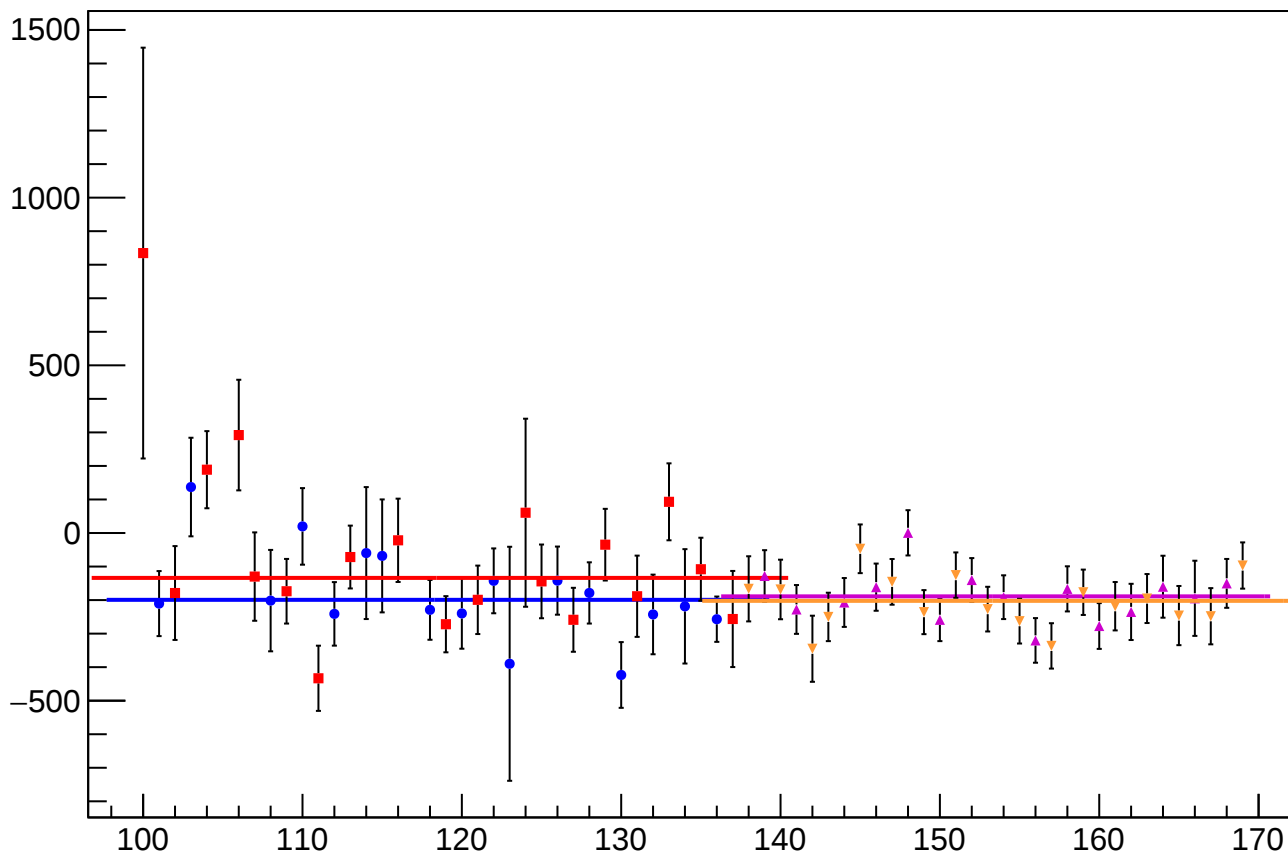
Right: 323.006 ± 0.068 $\chi^2/\text{NDF}: 4829958.1/35$

In: 343.896 ± 0.059 $\chi^2/\text{NDF}: 2552184.6/31$

Out: 327.640 ± 0.055 $\chi^2/\text{NDF}: 3545195.0/35$

All: 335.169 ± 0.040 $\chi^2/\text{NDF}: 6138517.8/67$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252+/-26.515 χ^2/NDF : 17.6/16

Left Out: -202.272+/-17.869 χ^2/NDF : 17.6/16

Right Out: -133.844+/-26.228 χ^2/NDF : 39.2/18

Left In: -188.882+/-18.656 χ^2/NDF : 17.1/14

Left: -195.865+/-12.904 χ^2/NDF : 35.0/31

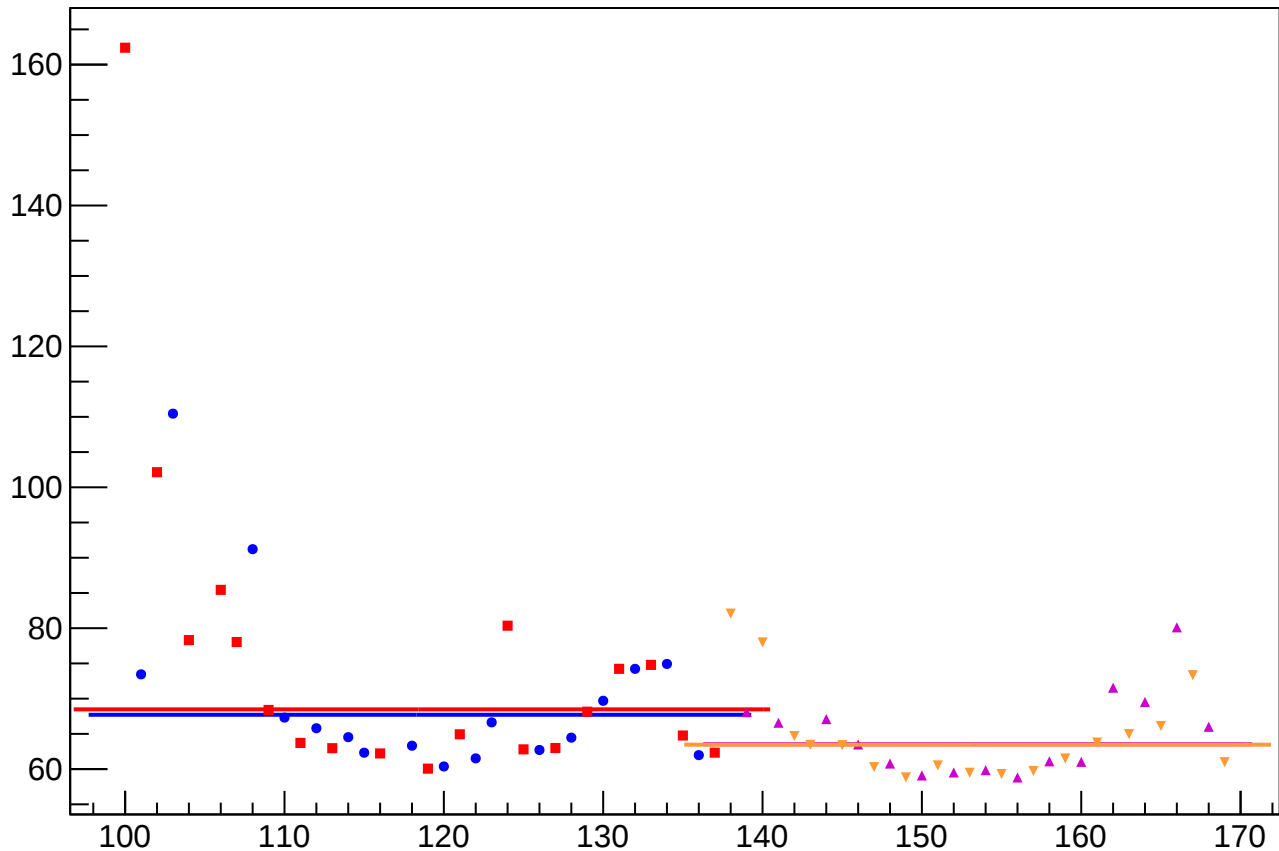
Right: -166.192+/-18.647 χ^2/NDF : 59.8/35

In: -192.316+/-15.258 χ^2/NDF : 34.9/31

Out: -180.579+/-14.768 χ^2/NDF : 61.4/35

All: -186.256+/-10.611 χ^2/NDF : 96.6/67

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.465 $\pm$ 0.013 χ^2 /NDF: 201027.6/16

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 63.532 $\pm$ 0.013 χ^2 /NDF: 130516.2/14

Left: 63.497 $\pm$ 0.009 χ^2 /NDF: 331557.1/31

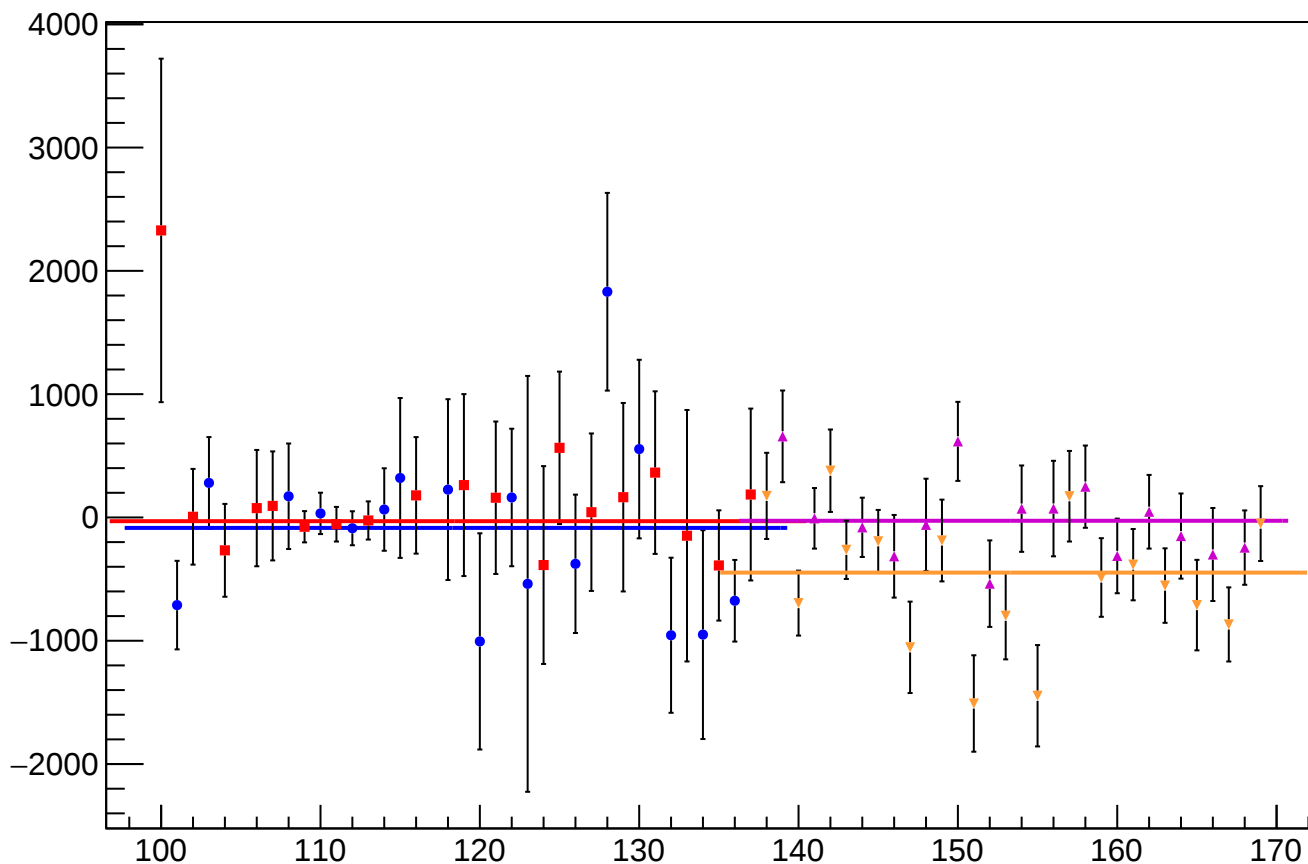
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.917 $\pm$ 0.011 χ^2 /NDF: 446711.1/31

Out: 65.055 $\pm$ 0.010 χ^2 /NDF: 532401.1/35

All: 64.989 $\pm$ 0.008 χ^2 /NDF: 979197.0/67

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: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: -27.023 ± 82.377 χ^2/NDF : 13.3/14

Left: -252.939 ± 56.025 χ^2/NDF : 63.8/31

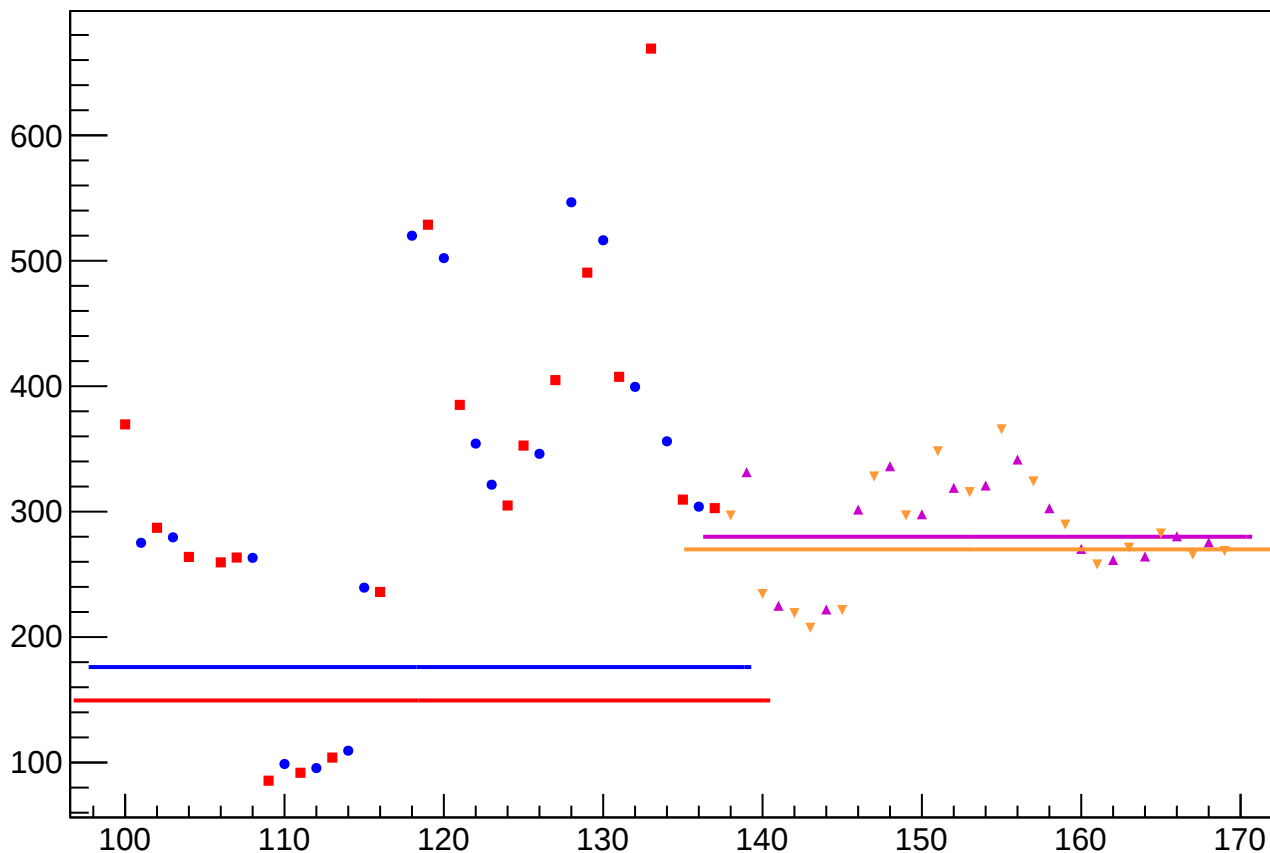
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -55.789 ± 58.352 χ^2/NDF : 33.4/31

Out: -219.536 ± 51.483 χ^2/NDF : 59.1/35

All: -147.864 ± 38.605 χ^2/NDF : 97.0/67

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: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 279.971+/-0.058 χ^2/NDF : 440916.1/14

Left: 274.561+/-0.040 χ^2/NDF : 1105519.8/31

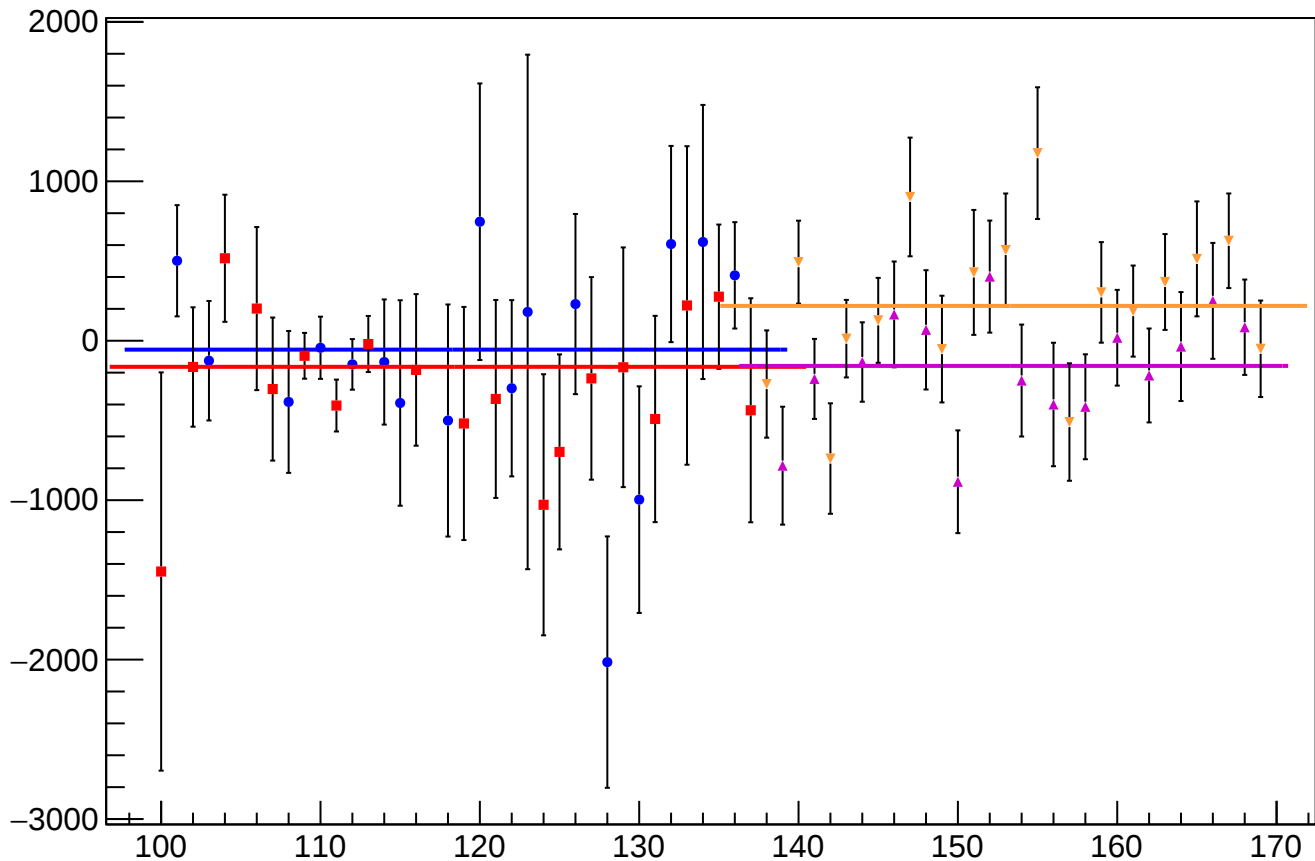
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 228.216+/-0.041 χ^2/NDF : 6249005.0/31

Out: 204.136+/-0.036 χ^2/NDF : 8181884.6/35

All: 214.676+/-0.027 χ^2/NDF : 14622407.4/67

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 218.547 ± 76.662 $\chi^2/\text{NDF}: 30.0/16$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -157.838 ± 82.425 $\chi^2/\text{NDF}: 15.4/14$

Left: 43.970 ± 56.135 $\chi^2/\text{NDF}: 56.6/31$

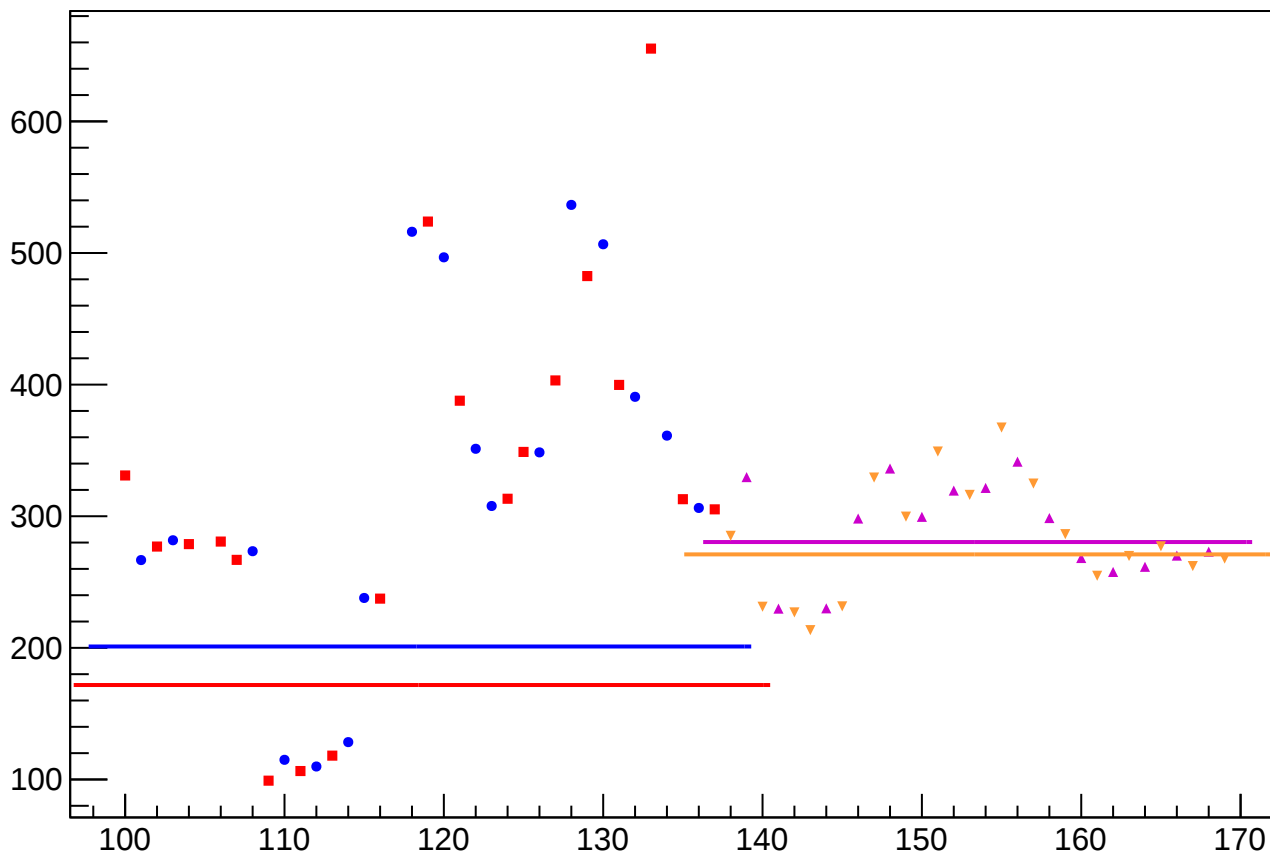
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -111.579 ± 60.960 $\chi^2/\text{NDF}: 33.2/31$

Out: 28.147 ± 54.301 $\chi^2/\text{NDF}: 53.8/35$

All: -33.671 ± 40.548 $\chi^2/\text{NDF}: 90.0/67$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.020+/-0.054 χ^2/NDF : 580008.0/16

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 280.399+/-0.058 χ^2/NDF : 388132.3/14

Left: 275.370+/-0.040 χ^2/NDF : 982023.6/31

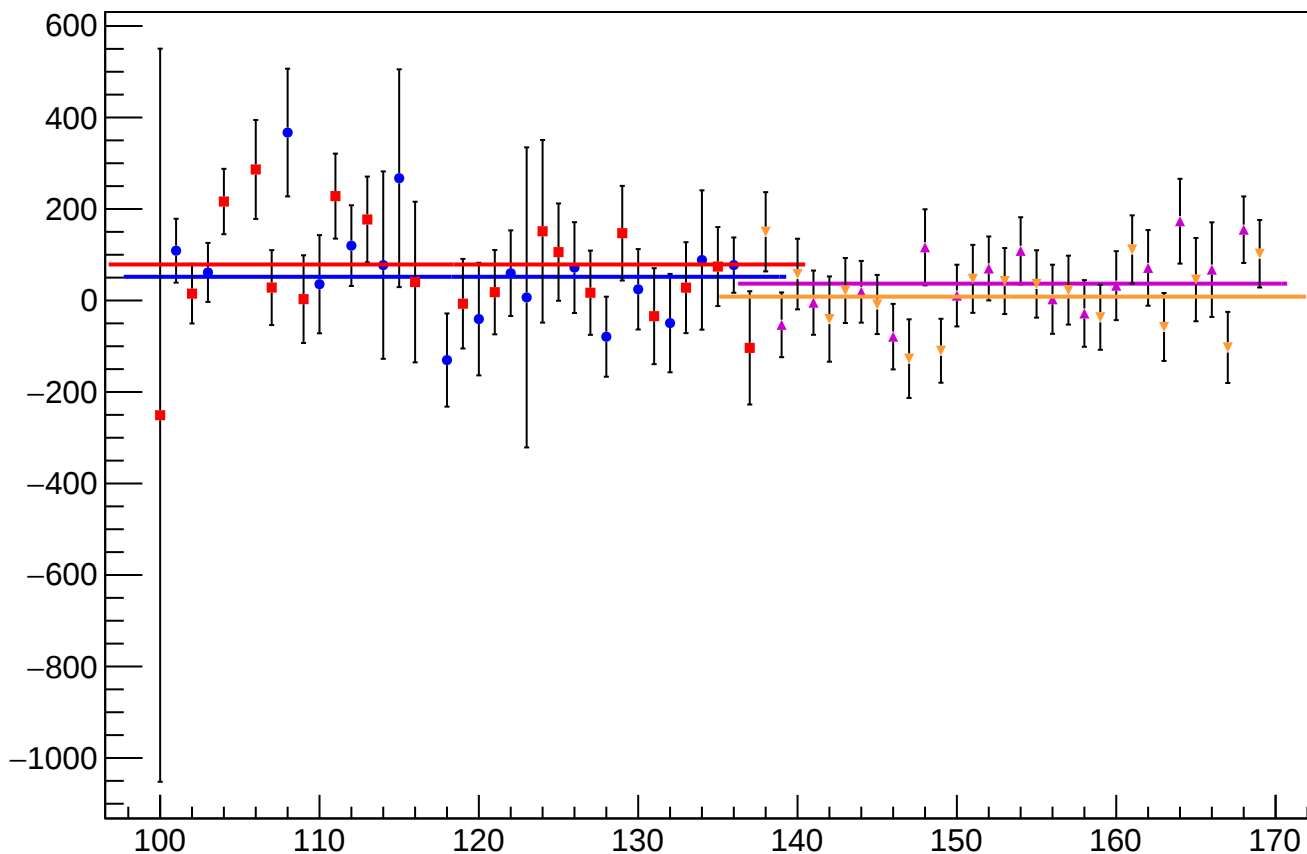
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 244.447+/-0.043 χ^2/NDF : 4661099.1/31

Out: 221.563+/-0.038 χ^2/NDF : 6348724.4/35

All: 231.687+/-0.029 χ^2/NDF : 11166968.7/67

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: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

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

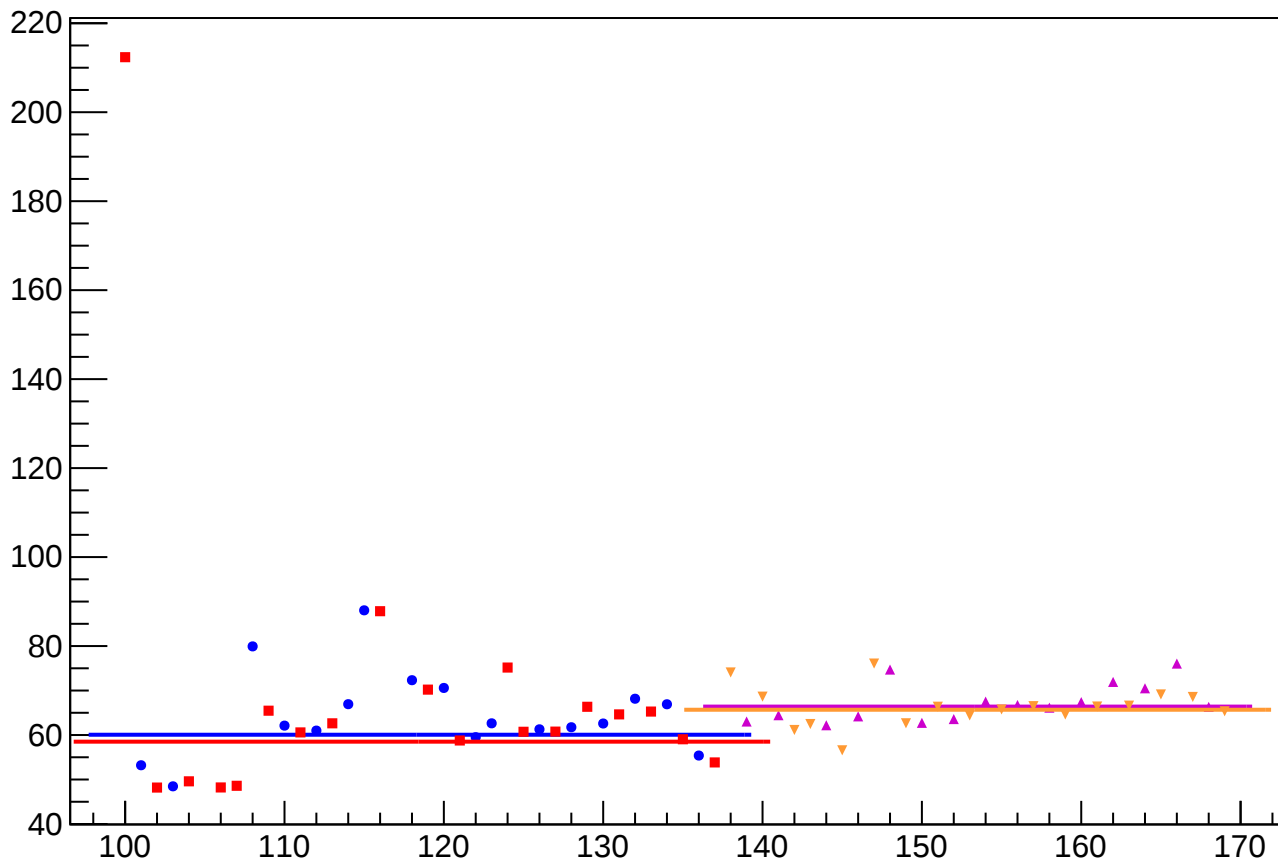
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 42.891 $\pm$ 14.972 χ^2 /NDF:27.7/31

Out: 36.555 $\pm$ 14.238 χ^2 /NDF:41.4/35

All: 39.564 $\pm$ 10.317 χ^2 /NDF: 69.3/67

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2/NDF : 229098.7/16

Left Out: 65.683 $\pm$ 0.013 χ^2/NDF : 110815.1/16

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 66.392 $\pm$ 0.014 χ^2/NDF : 76083.1/14

Left: 66.019 $\pm$ 0.009 χ^2/NDF : 188305.9/31

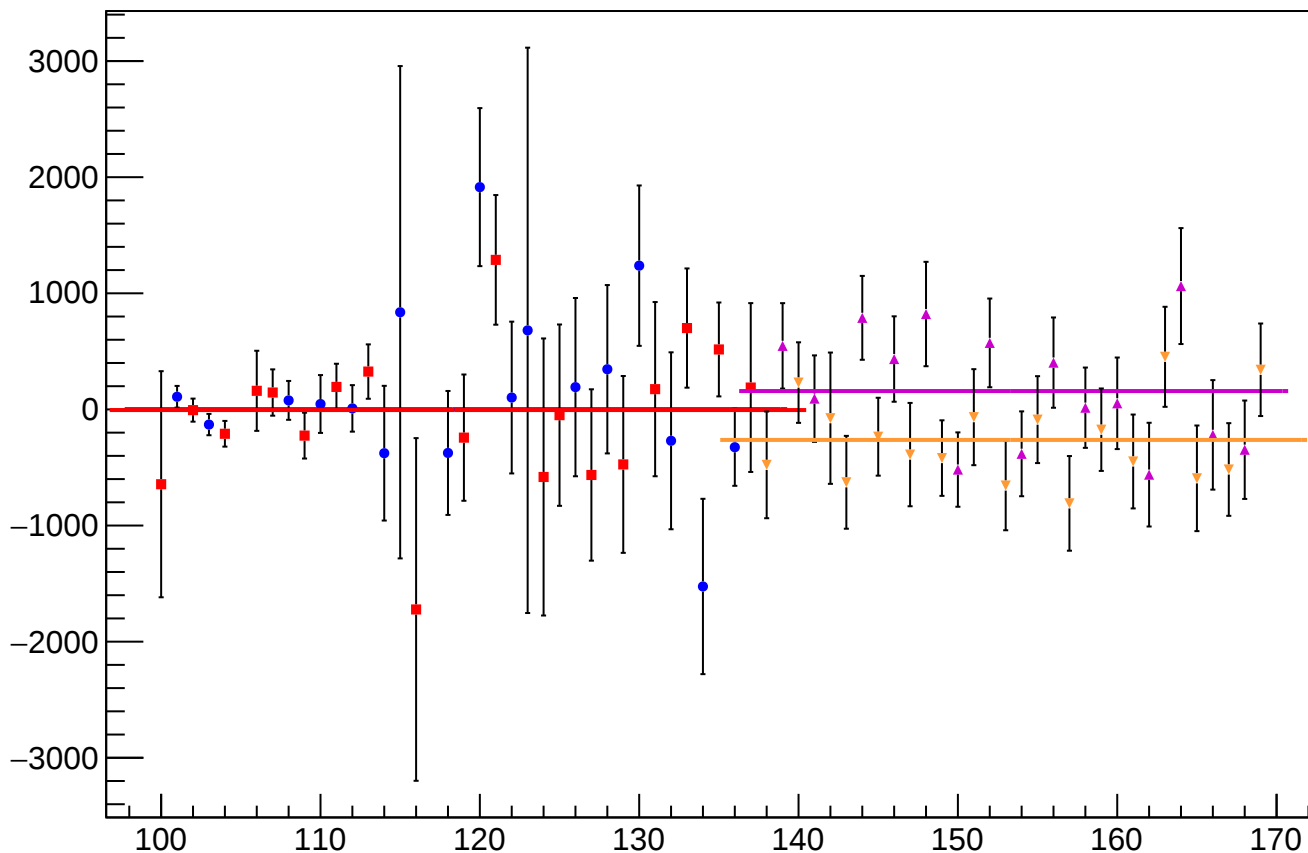
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 63.833 $\pm$ 0.011 χ^2/NDF : 391219.1/31

Out: 62.808 $\pm$ 0.010 χ^2/NDF : 581603.2/35

All: 63.294 $\pm$ 0.007 χ^2/NDF : 977744.0/67

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: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 158.286+/-100.398 χ^2/NDF :23.3/14

Left: -61.515+/-69.397 χ^2/NDF : 45.6/31

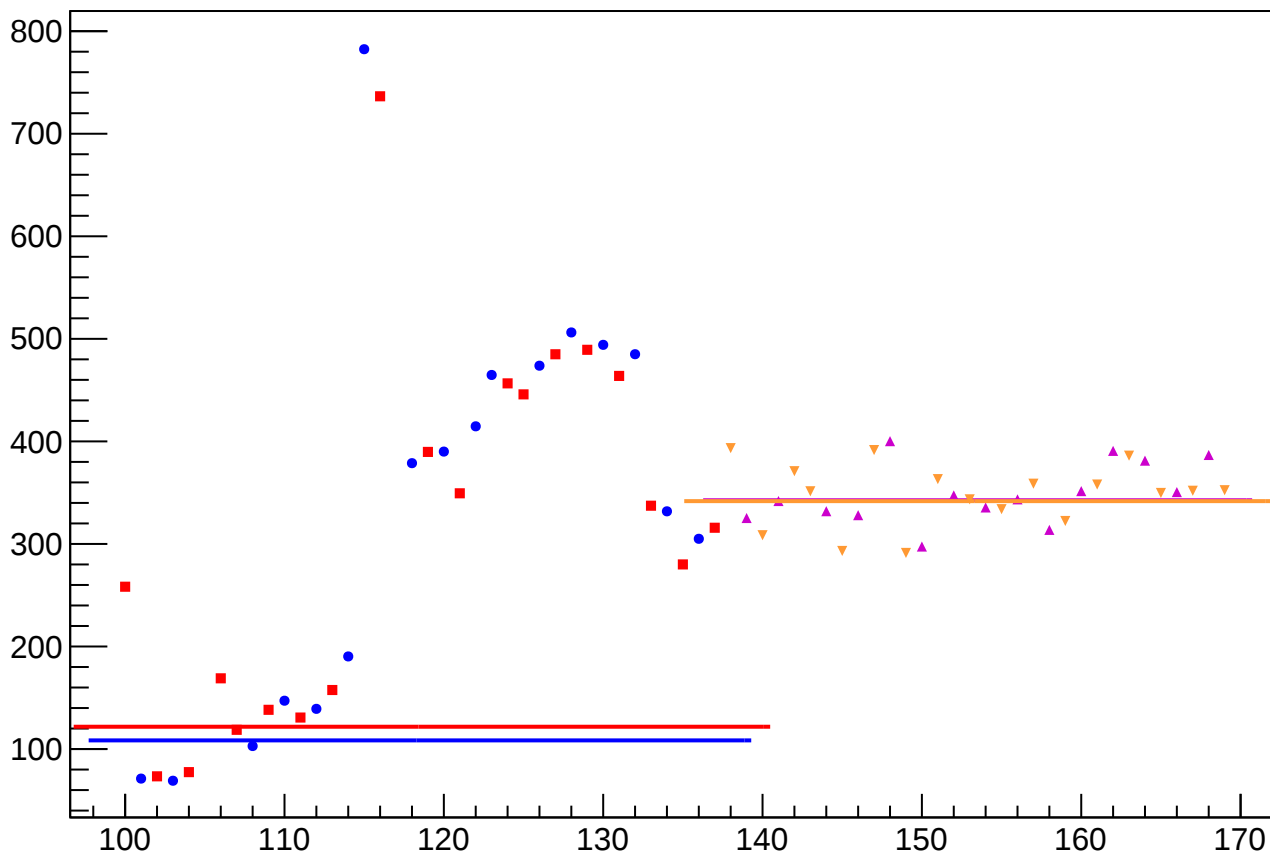
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 37.029+/-47.751 χ^2/NDF :46.6/31

Out: -71.570+/-48.707 χ^2/NDF :39.1/35

All: -16.194+/-34.098 χ^2/NDF : 88.2/67

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: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

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

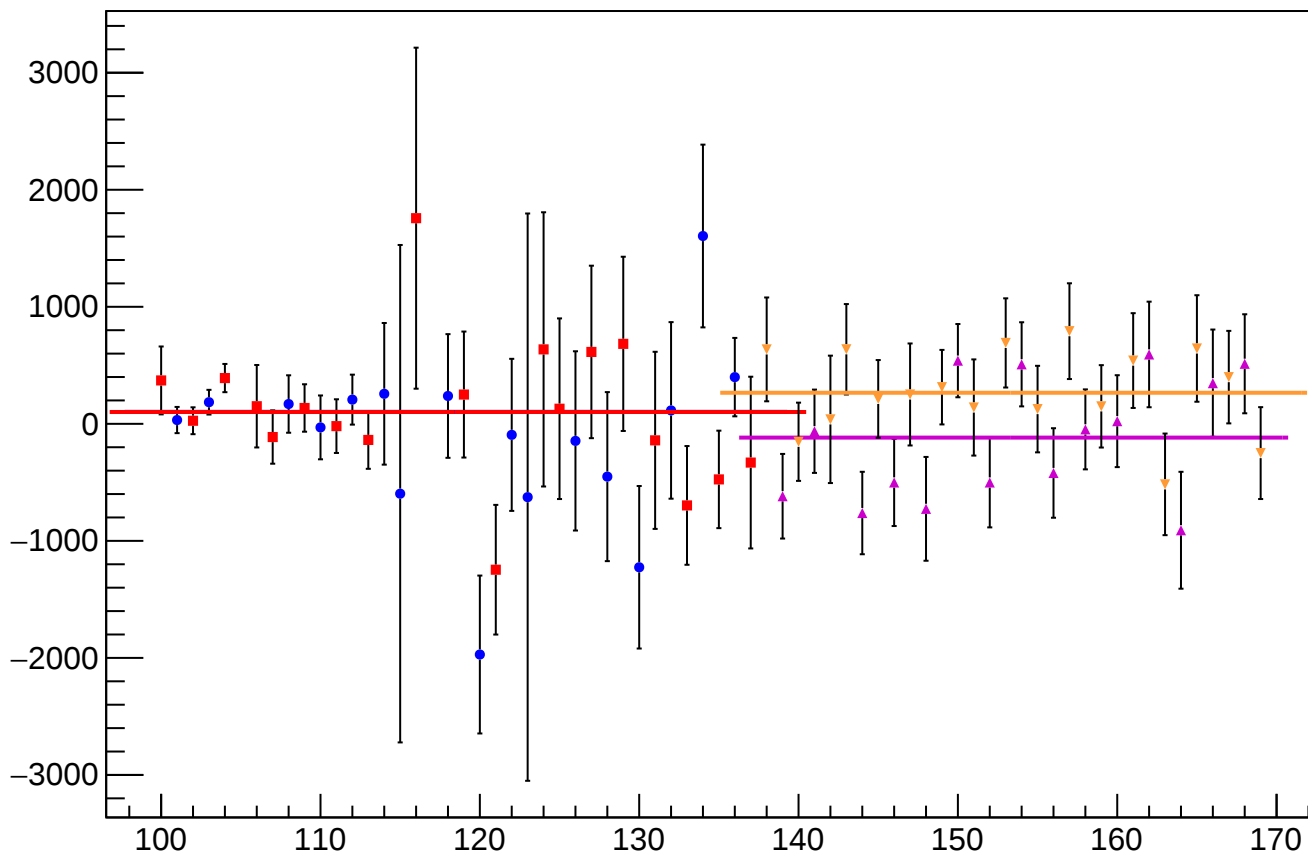
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 161.420 $\pm$ 0.034 χ^2 /NDF: 13979447.1/31

Out: 178.354 $\pm$ 0.034 χ^2 /NDF: 12774735.4/35

All: 169.719 $\pm$ 0.024 χ^2 /NDF: 26877454.9/67

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: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

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

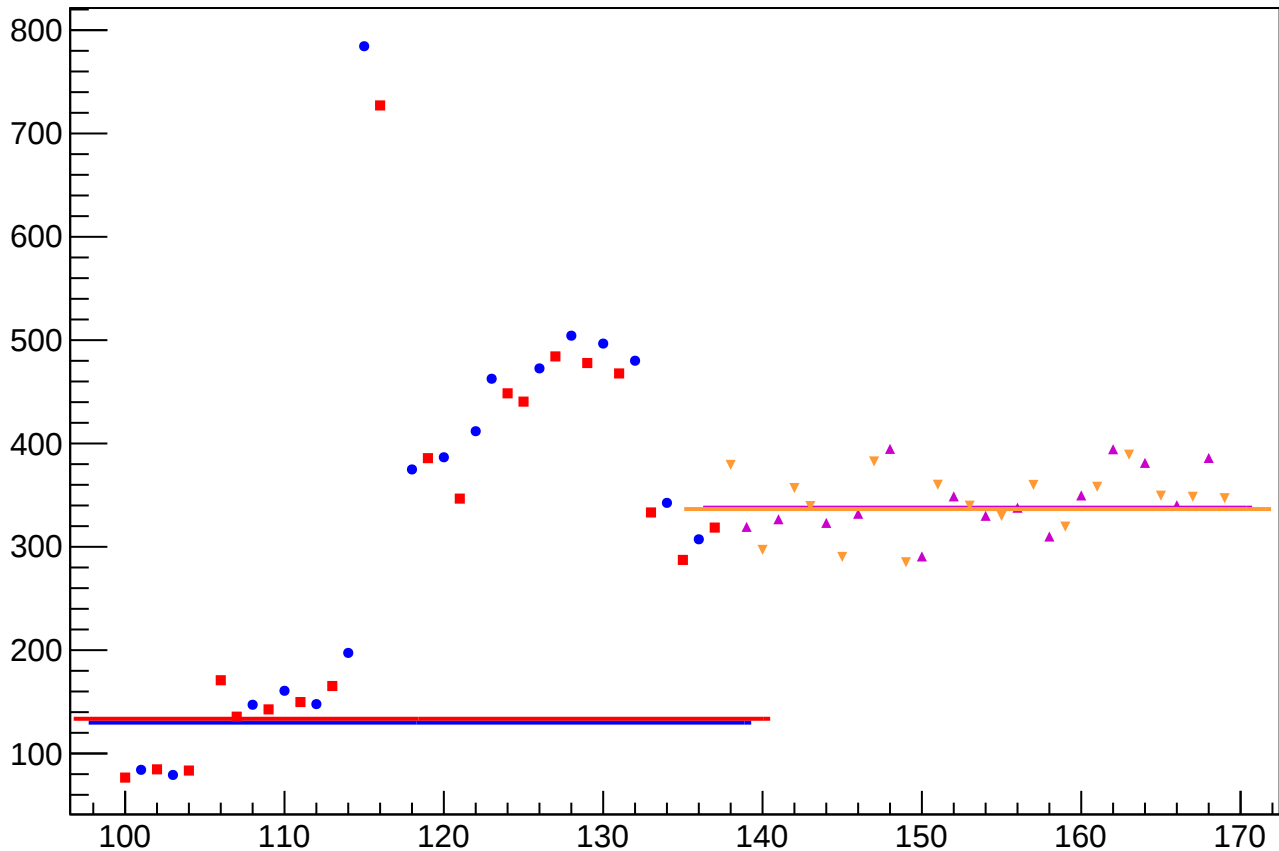
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 38.753 $\pm$ 53.243 χ^2 /NDF:49.5/31

Out: 149.294 $\pm$ 51.183 χ^2 /NDF:37.7/35

All: 96.203 $\pm$ 36.899 χ^2 /NDF: 89.4/67

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: 133.604 $\pm$ 0.043 χ^2/NDF : 4363378.8/18

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

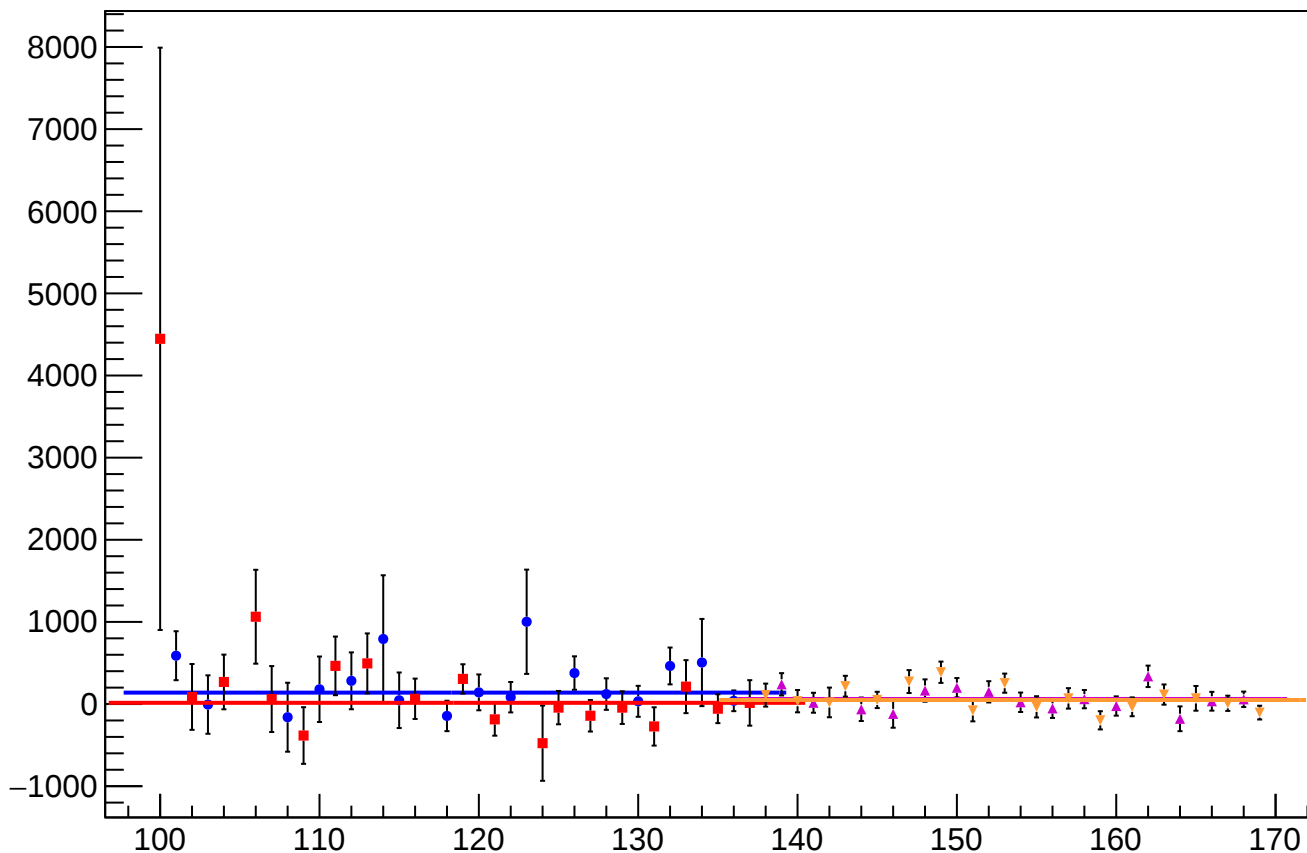
Right: 131.813 $\pm$ 0.031 χ^2/NDF : 9196501.4/35

In: 189.920 $\pm$ 0.038 χ^2/NDF : 11276353.2/31

Out: 192.941 $\pm$ 0.036 χ^2/NDF : 11089707.9/35

All: 191.490 $\pm$ 0.026 χ^2/NDF : 22369408.0/67

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: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

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

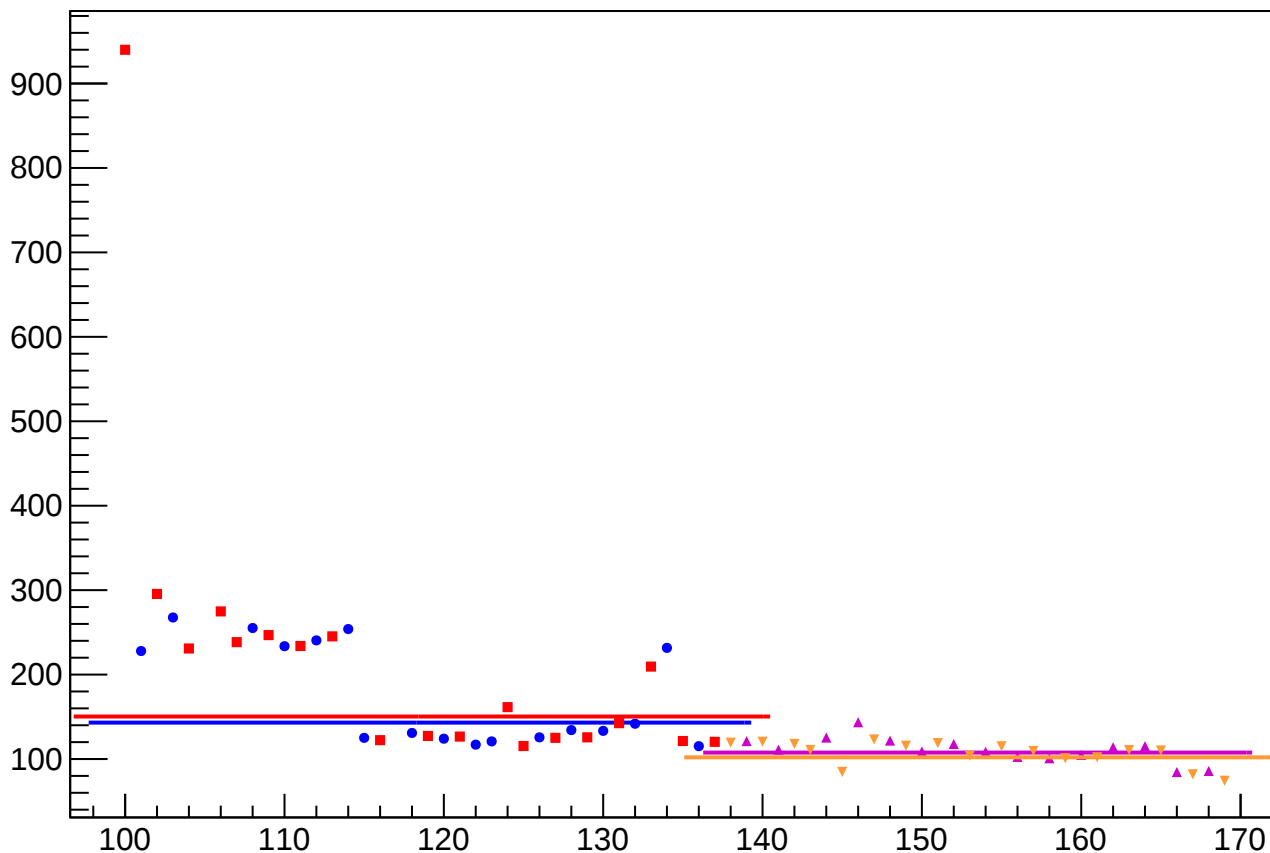
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 79.675 $\pm$ 27.947 χ^2 /NDF:29.3/31

Out: 42.908 $\pm$ 26.097 χ^2 /NDF:43.4/35

All: 60.034 $\pm$ 19.074 χ^2 /NDF: 73.7/67

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: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

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

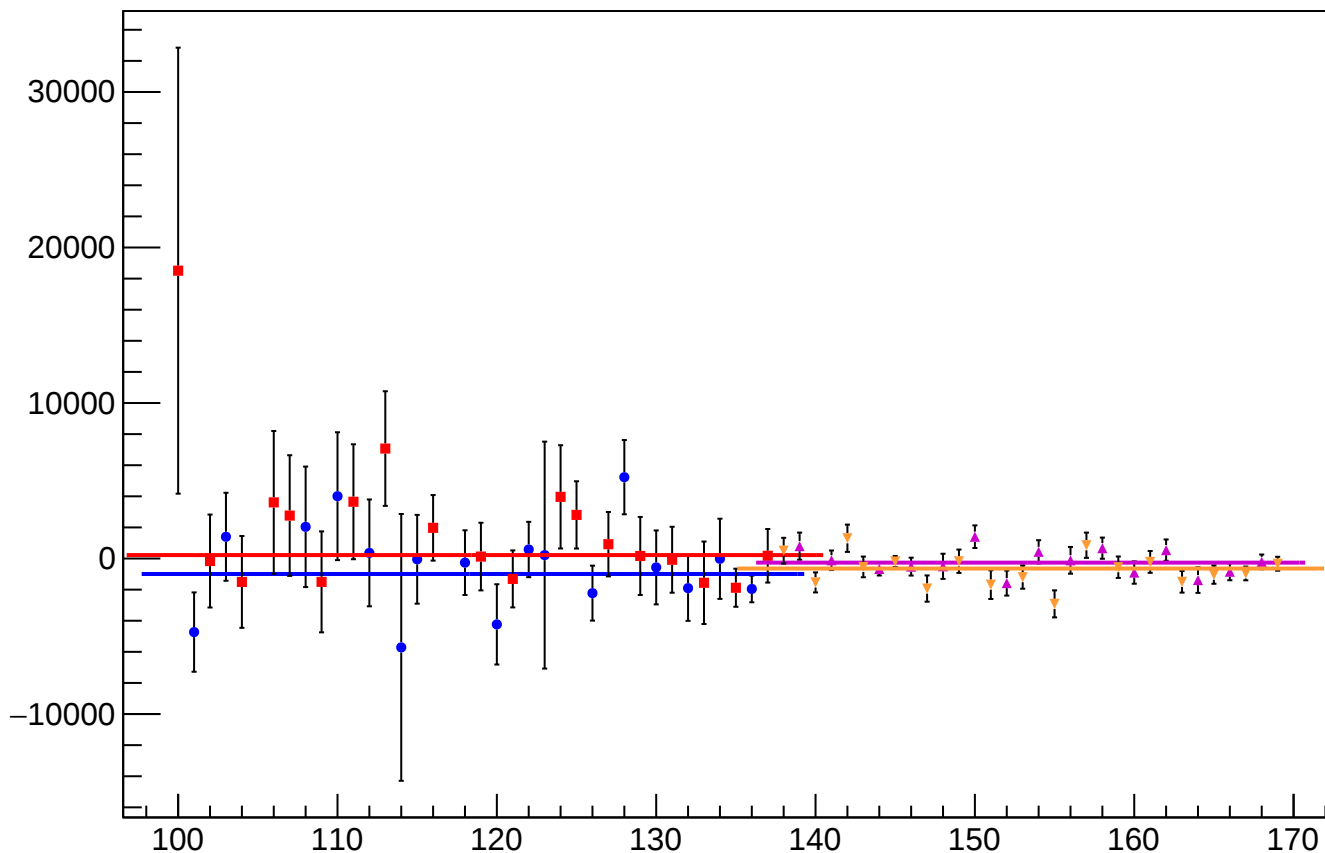
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 115.895 $\pm$ 0.020 χ^2 /NDF: 2065263.2/31

Out: 111.122 $\pm$ 0.018 χ^2 /NDF: 3091537.7/35

All: 113.345 $\pm$ 0.013 χ^2 /NDF: 5187958.4/67

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: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -264.158+/-166.372 χ^2/NDF : 18.6/14

Left: -471.431+/-111.954 χ^2/NDF : 50.0/31

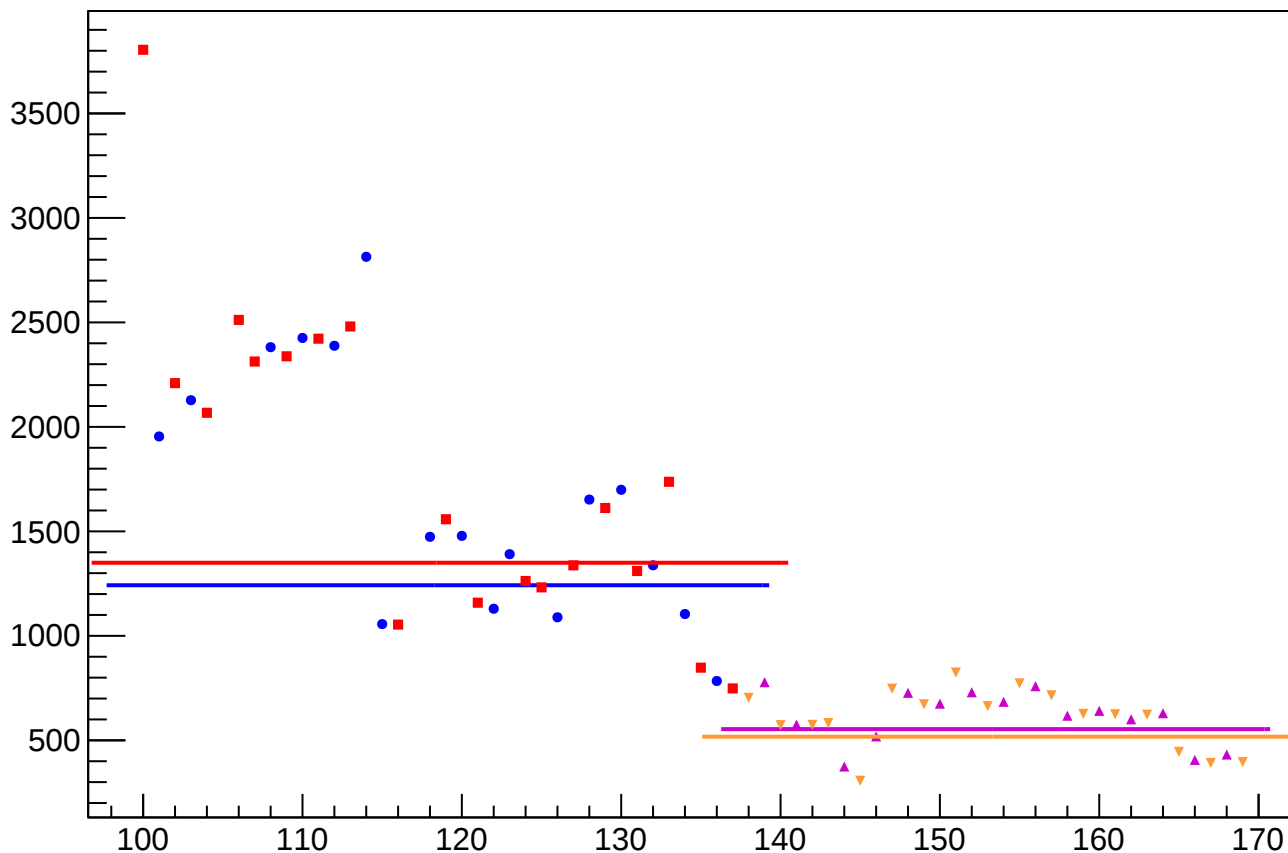
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -332.754+/-158.358 χ^2/NDF : 37.4/31

Out: -580.743+/-145.798 χ^2/NDF : 46.1/35

All: -466.972+/-107.261 χ^2/NDF : 84.8/67

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: 1349.870 $\pm$ 0.384 χ^2/NDF : 1867853.5/18

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

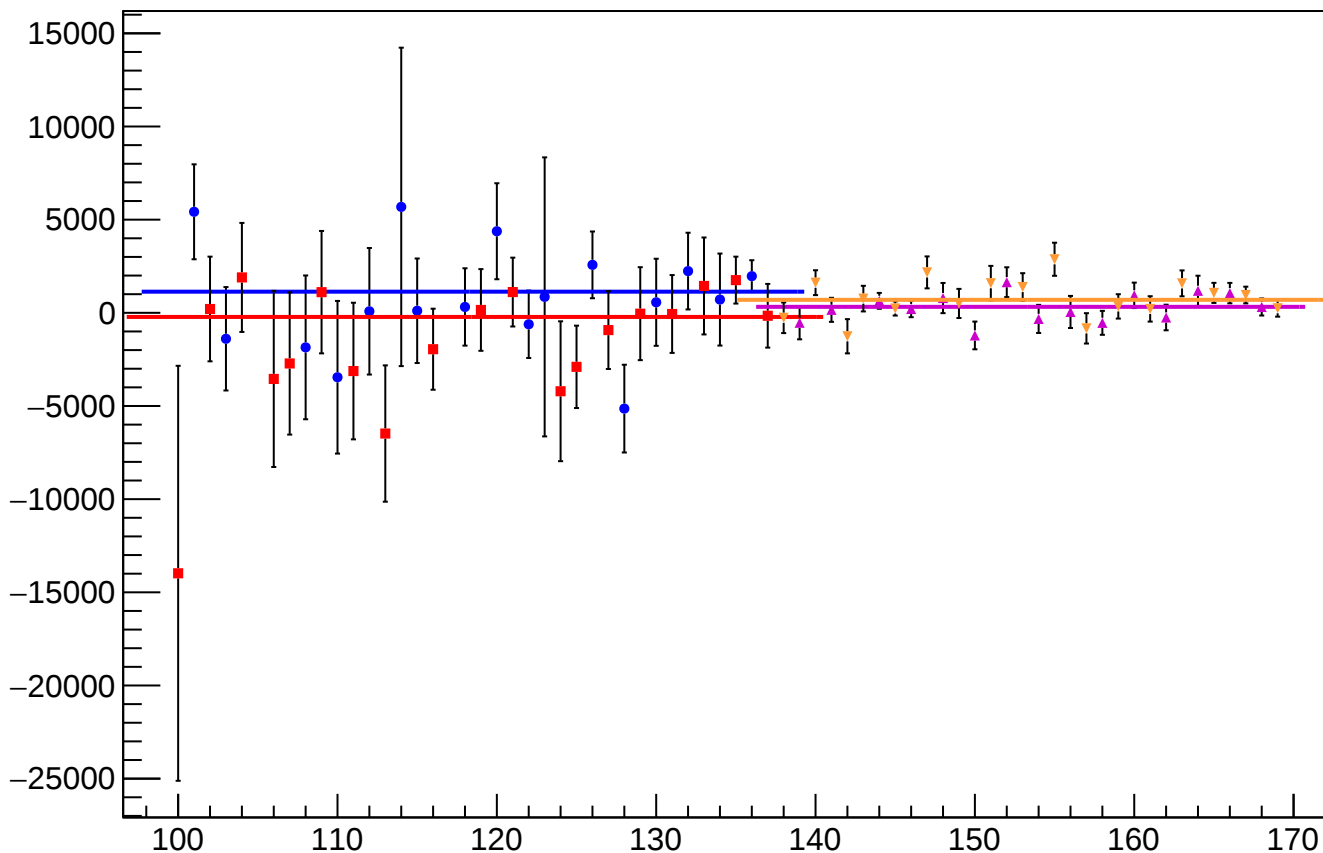
Right: 1293.283 $\pm$ 0.265 χ^2/NDF : 3676549.5/35

In: 618.442 $\pm$ 0.112 χ^2/NDF : 6262093.5/31

Out: 577.379 $\pm$ 0.103 χ^2/NDF : 8381934.4/35

All: 596.218 $\pm$ 0.076 χ^2/NDF : 14716810.0/67

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: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 321.111+/-160.864 χ^2/NDF : 16.0/14

Left: 518.205+/-110.974 χ^2/NDF : 46.8/31

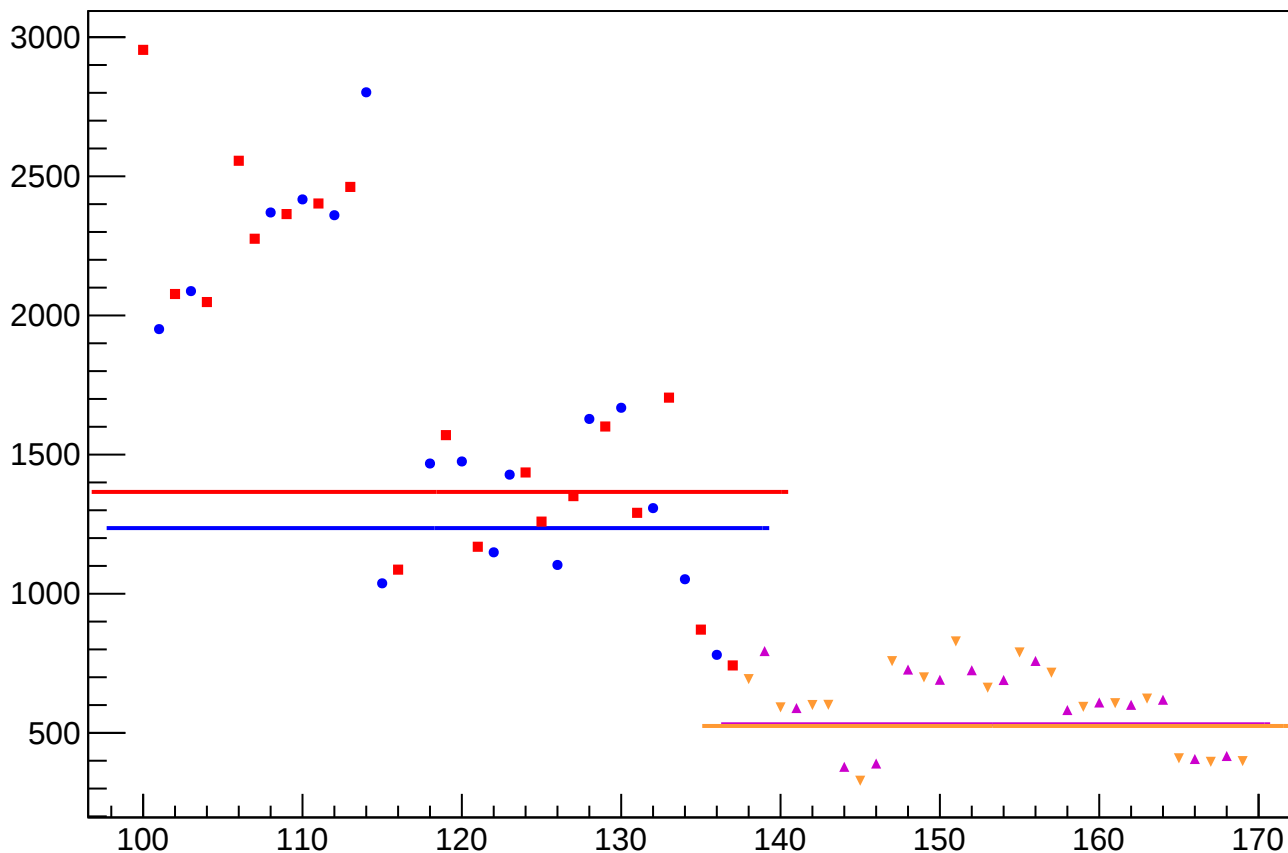
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 393.797+/-153.515 χ^2/NDF : 36.1/31

Out: 630.451+/-147.615 χ^2/NDF : 44.0/35

All: 516.759+/-106.404 χ^2/NDF : 81.3/67

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: 1365.941 $\pm$ 0.387 χ^2 /NDF: 1750044.7/18

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

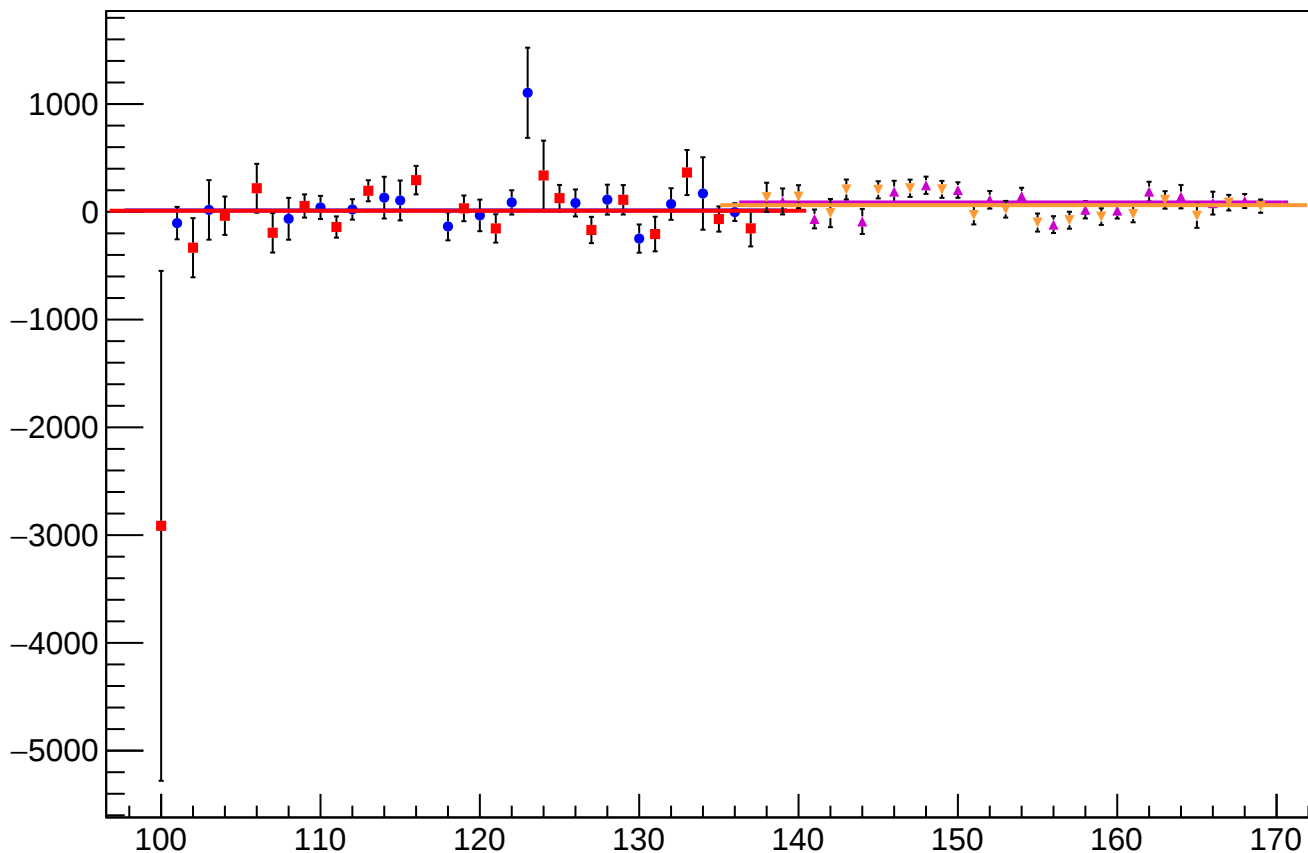
Right: 1296.809 $\pm$ 0.265 χ^2 /NDF: 3555718.8/35

In: 593.886 $\pm$ 0.109 χ^2 /NDF:6696730.4/31

Out: 586.030 $\pm$ 0.104 χ^2 /NDF:8124289.0/35

All: 589.804 $\pm$ 0.075 χ^2 /NDF: 14823740.4/67

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 61.846+/-20.363 χ^2/NDF :26.5/16

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 86.807+/-21.969 χ^2/NDF :23.8/14

Left: 73.381+/-14.934 χ^2/NDF : 51.1/31

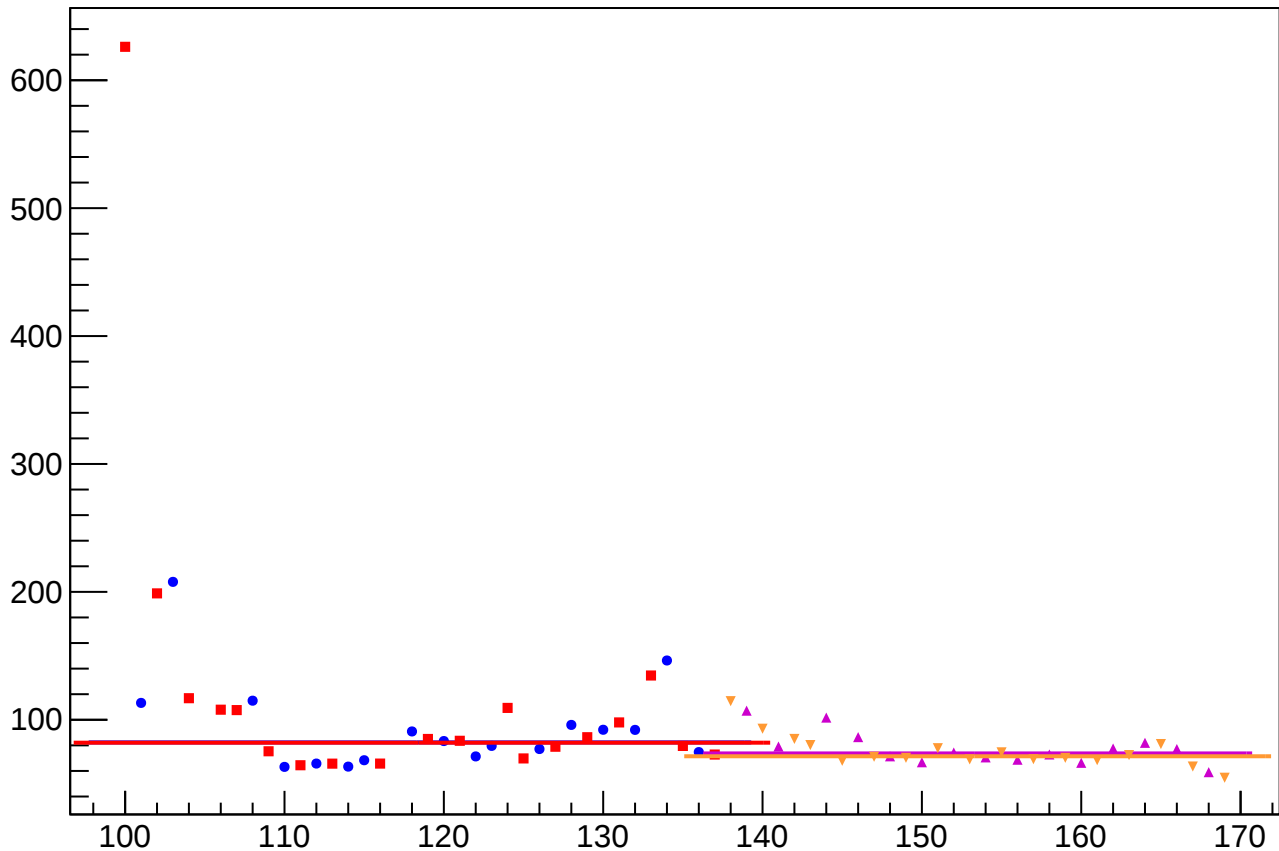
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 64.146+/-18.326 χ^2/NDF :42.7/31

Out: 47.307+/-17.271 χ^2/NDF :56.6/35

All: 55.228+/-12.569 χ^2/NDF : 99.7/67

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 71.477 $\pm$ 0.014 χ^2 /NDF: 536304.2/16

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 73.696 $\pm$ 0.016 χ^2 /NDF: 480326.6/14

Left: 72.502 $\pm$ 0.011 χ^2 /NDF: 1027607.2/31

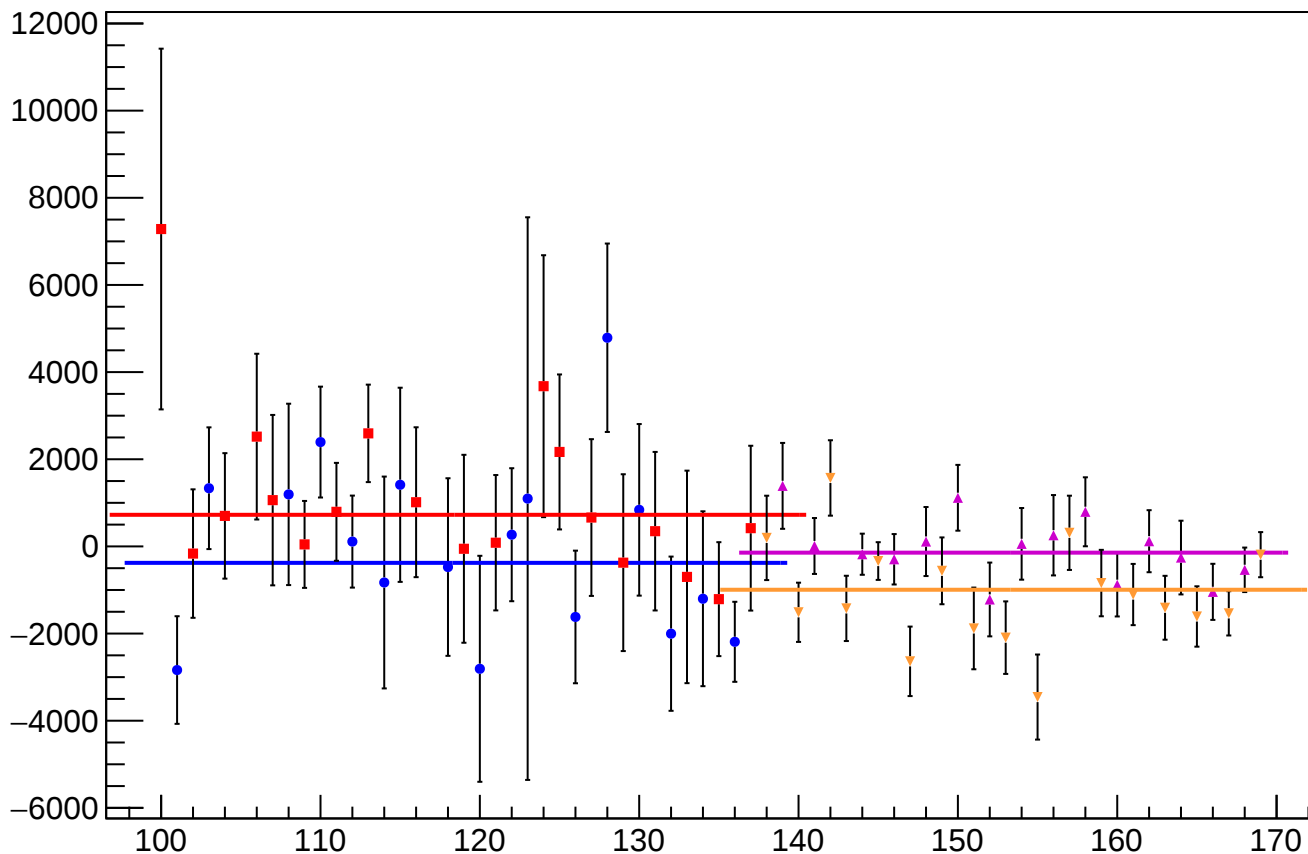
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 76.315 $\pm$ 0.013 χ^2 /NDF: 1442503.3/31

Out: 74.455 $\pm$ 0.012 χ^2 /NDF: 1647792.7/35

All: 75.330 $\pm$ 0.009 χ^2 /NDF: 3101202.1/67

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: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: -143.369+/-178.319 χ^2/NDF :12.4/14

Left: -593.409+/-122.420 χ^2/NDF : 58.6/31

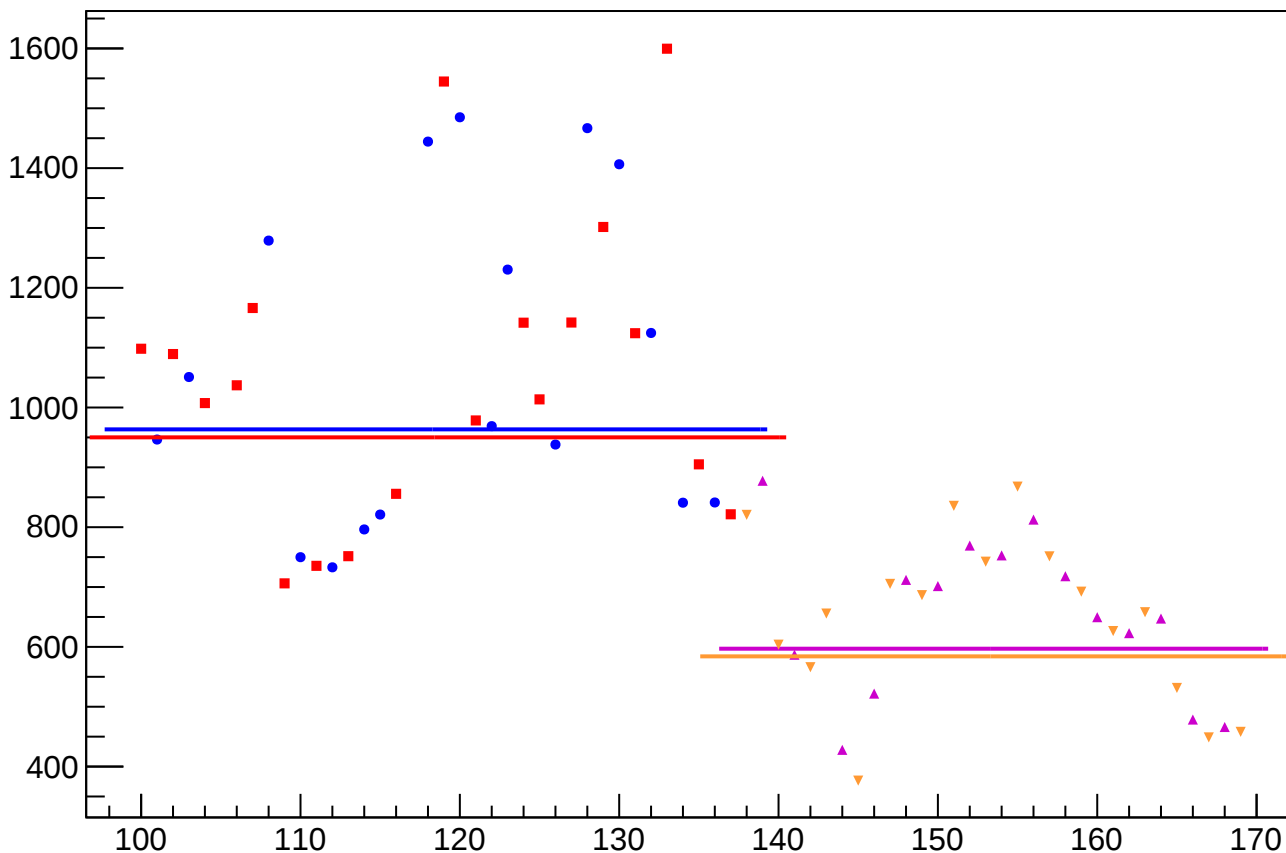
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -184.889+/-161.724 χ^2/NDF :37.2/31

Out: -695.817+/-153.043 χ^2/NDF :64.2/35

All: -454.433+/-111.160 χ^2/NDF : 106.7/67

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: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 596.957+/-0.126 χ^2/NDF : 1063847.0/14

Left: 590.185+/-0.087 χ^2/NDF : 2554138.4/31

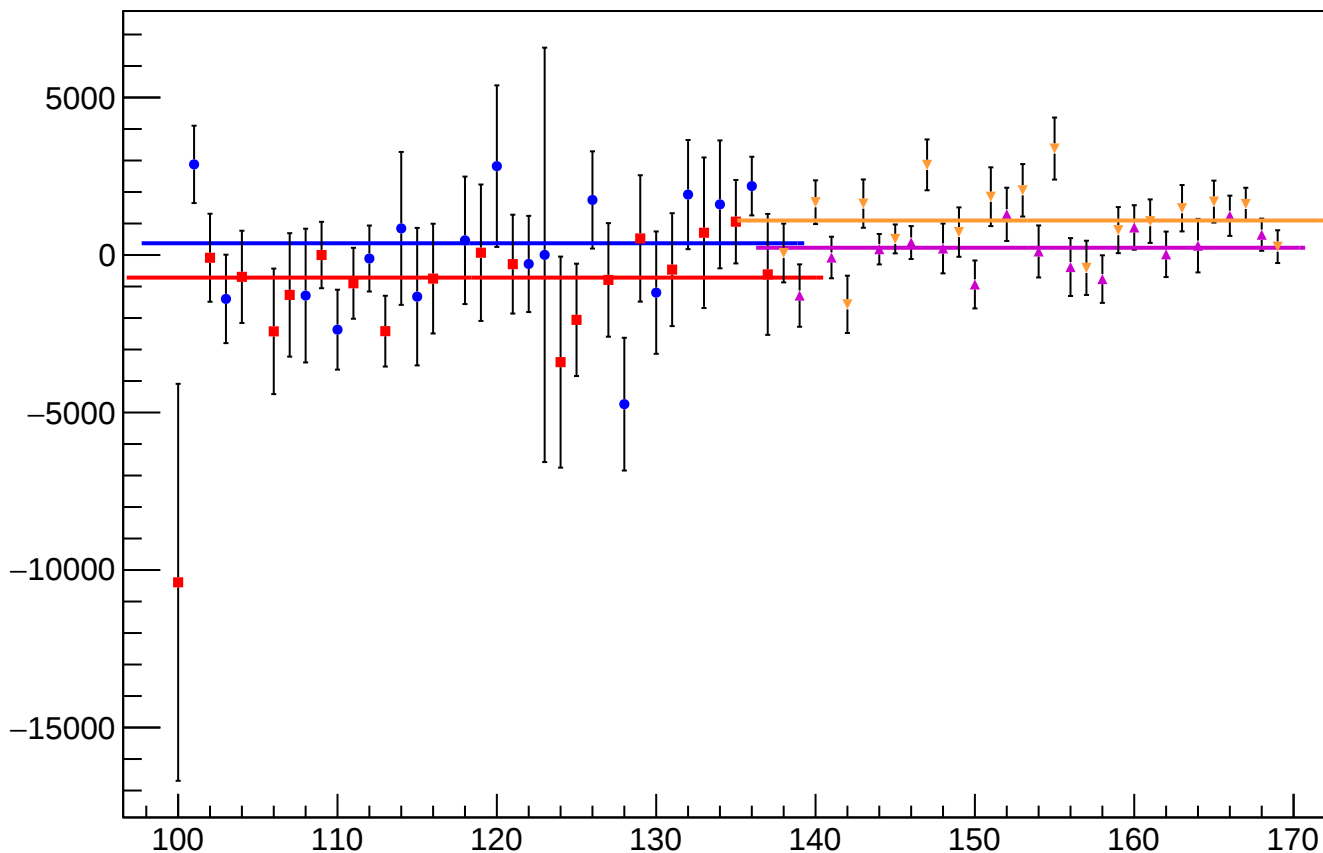
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 662.001+/-0.114 χ^2/NDF : 3252159.1/31

Out: 647.730+/-0.108 χ^2/NDF : 3858578.5/35

All: 654.472+/-0.079 χ^2/NDF : 7118954.0/67

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1095.993+/-170.071 χ^2/NDF : 32.9/16

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: 230.380+/-176.805 χ^2/NDF : 12.9/14

Left: 679.985+/-122.570 χ^2/NDF : 58.2/31

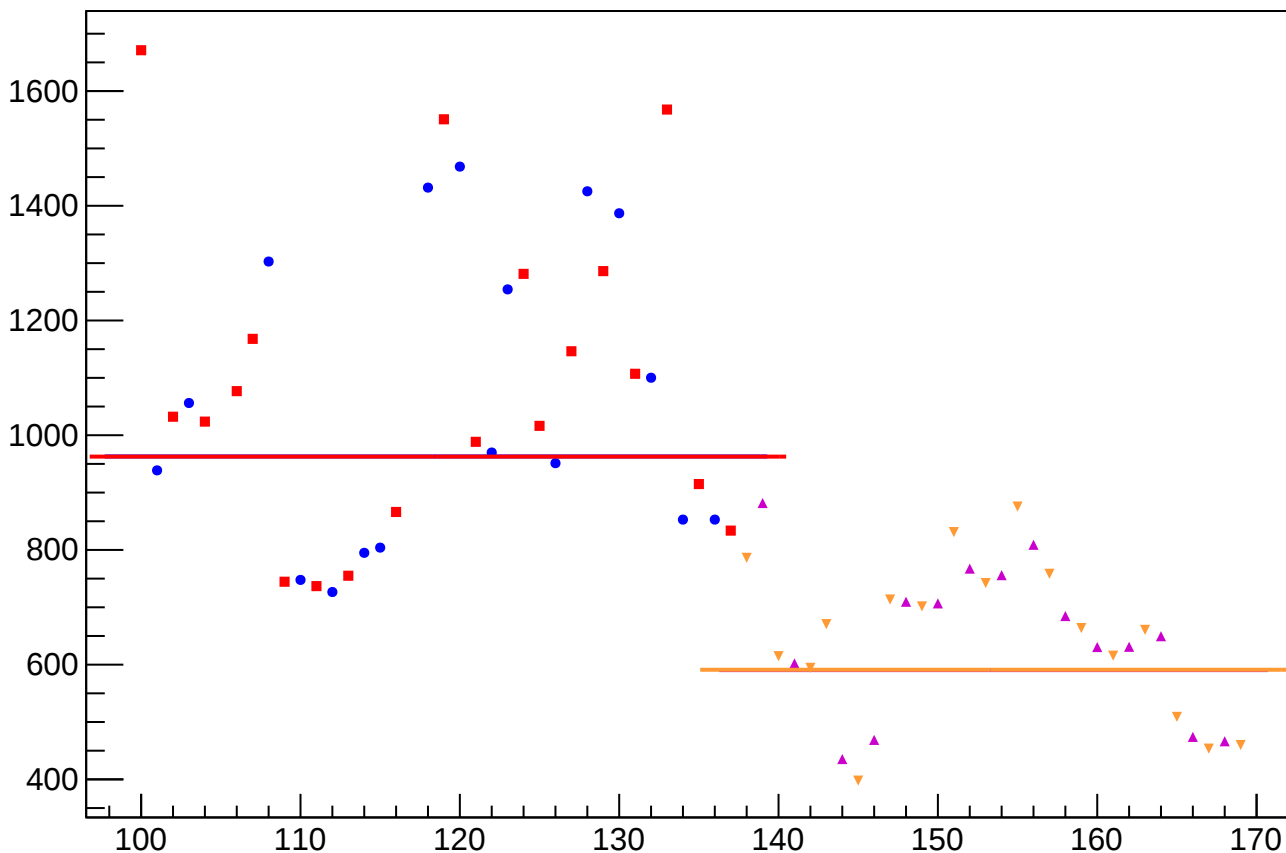
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 255.345+/-160.575 χ^2/NDF : 38.3/31

Out: 782.171+/-154.657 χ^2/NDF : 62.7/35

All: 528.645+/-111.392 χ^2/NDF : 106.6/67

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: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 590.503+/-0.125 χ^2/NDF :1099705.1/14

Left: 590.811+/-0.087 χ^2/NDF : 2433656.0/31

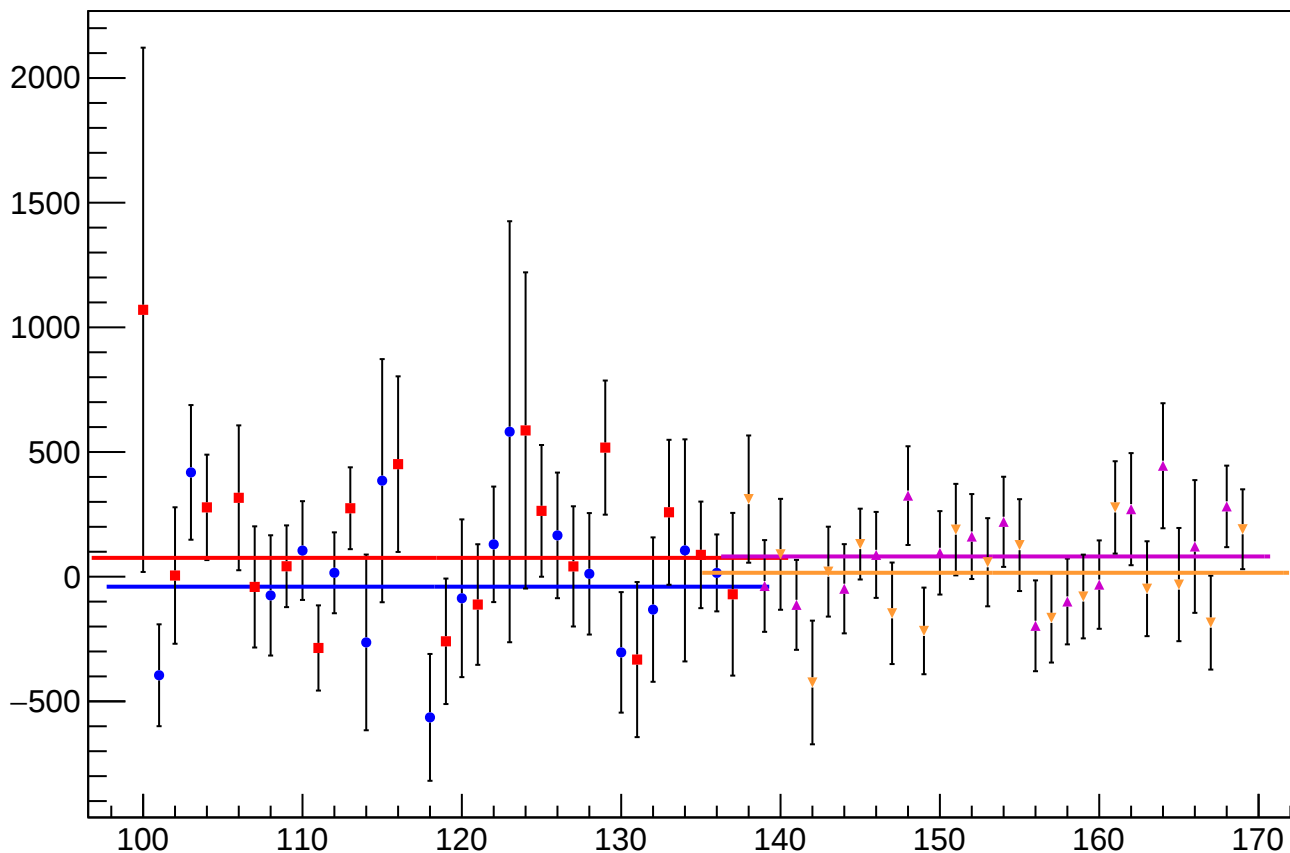
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 655.748+/-0.114 χ^2/NDF :3322028.6/31

Out: 655.404+/-0.109 χ^2/NDF :3682676.1/35

All: 655.569+/-0.079 χ^2/NDF : 7004709.6/67

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: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 81.088 ± 47.981 χ^2/NDF : 12.6/14

Left: 46.363 ± 32.883 χ^2/NDF : 28.4/31

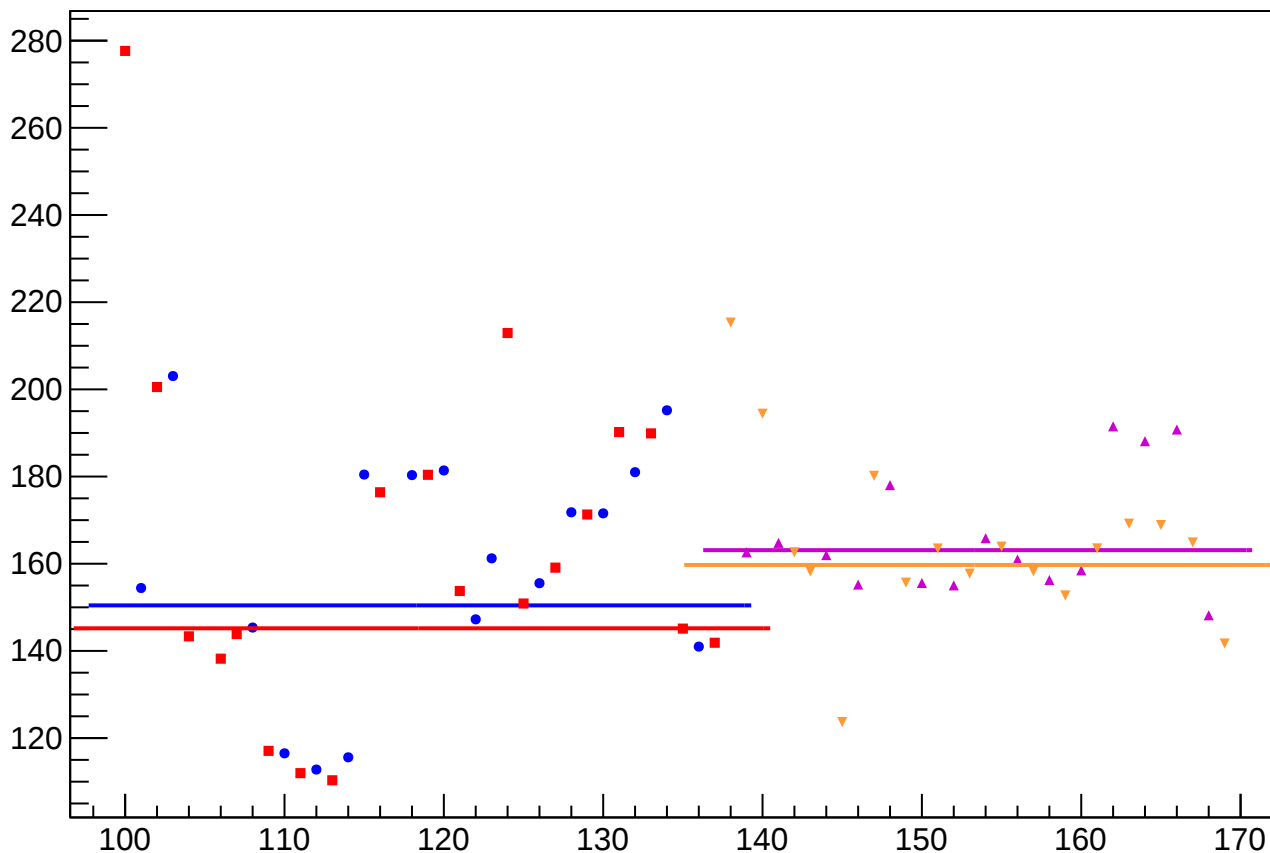
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 33.088 ± 37.289 χ^2/NDF : 30.5/31

Out: 39.072 ± 35.209 χ^2/NDF : 34.0/35

All: 36.252 ± 25.600 χ^2/NDF : 64.5/67

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: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

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

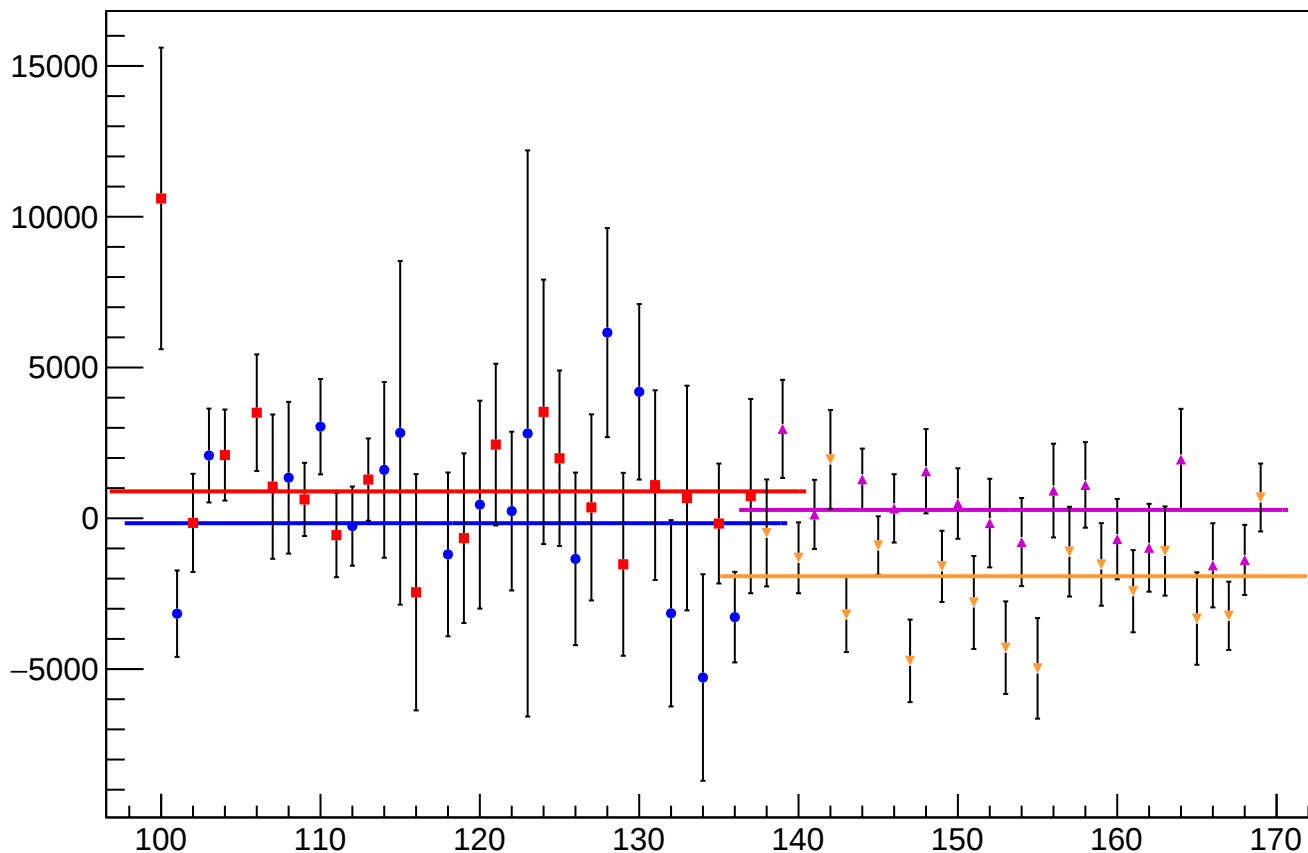
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 158.099 $\pm$ 0.026 χ^2 /NDF:575182.5/31

Out: 154.023 $\pm$ 0.025 χ^2 /NDF:952598.1/35

All: 155.944 $\pm$ 0.018 χ^2 /NDF: 1540411.6/67

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1920.589+/-323.425 χ^2/NDF : 27.4/16

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 277.957+/-340.746 χ^2/NDF : 11.8/14

Left: -878.614+/-234.581 χ^2/NDF : 61.1/31

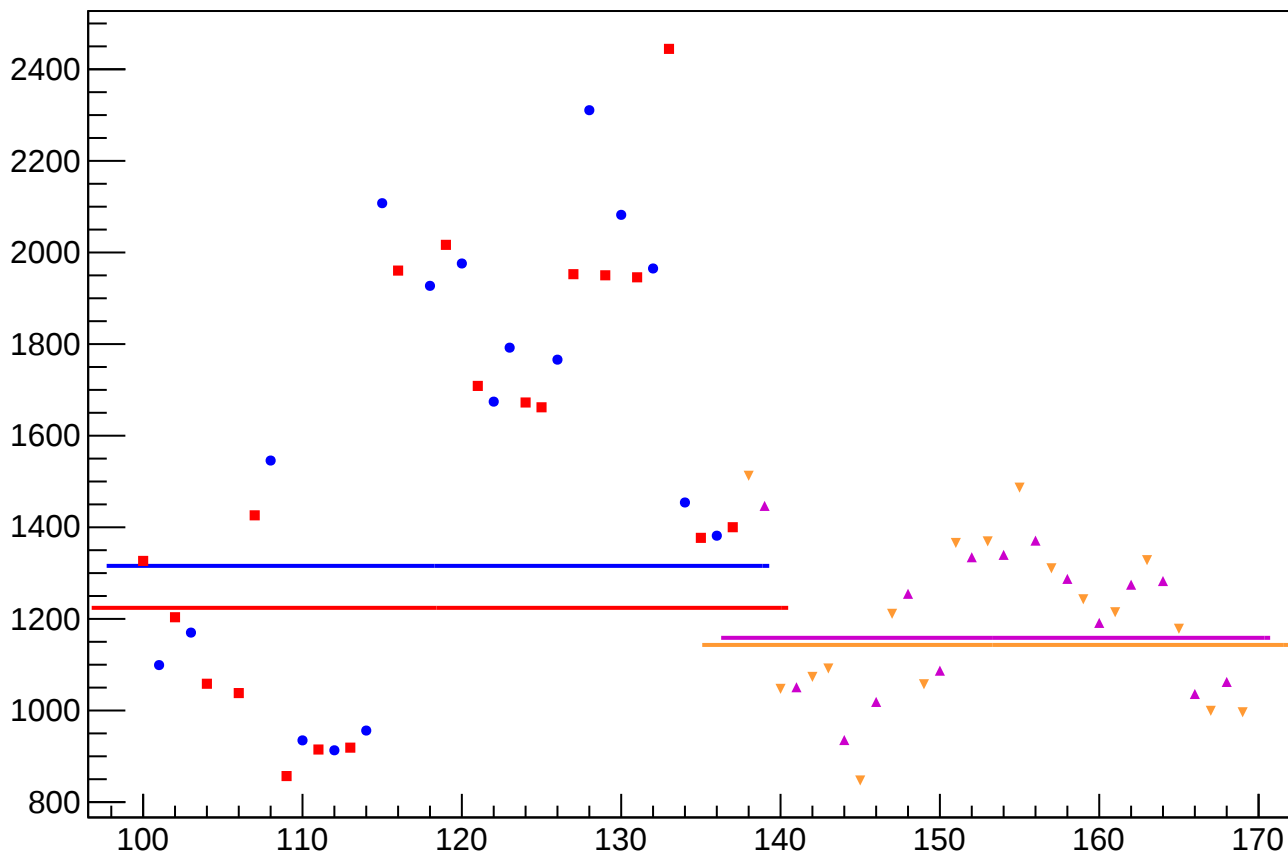
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 150.136+/-287.118 χ^2/NDF : 37.3/31

Out: -1052.808+/-268.966 χ^2/NDF : 61.4/35

All: -490.560+/-196.292 χ^2/NDF : 108.1/67

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1143.171+/-0.229 χ^2/NDF : 619212.7/16

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1158.691+/-0.241 χ^2/NDF : 391218.7/14

Left: 1150.526+/-0.166 χ^2/NDF : 1012613.9/31

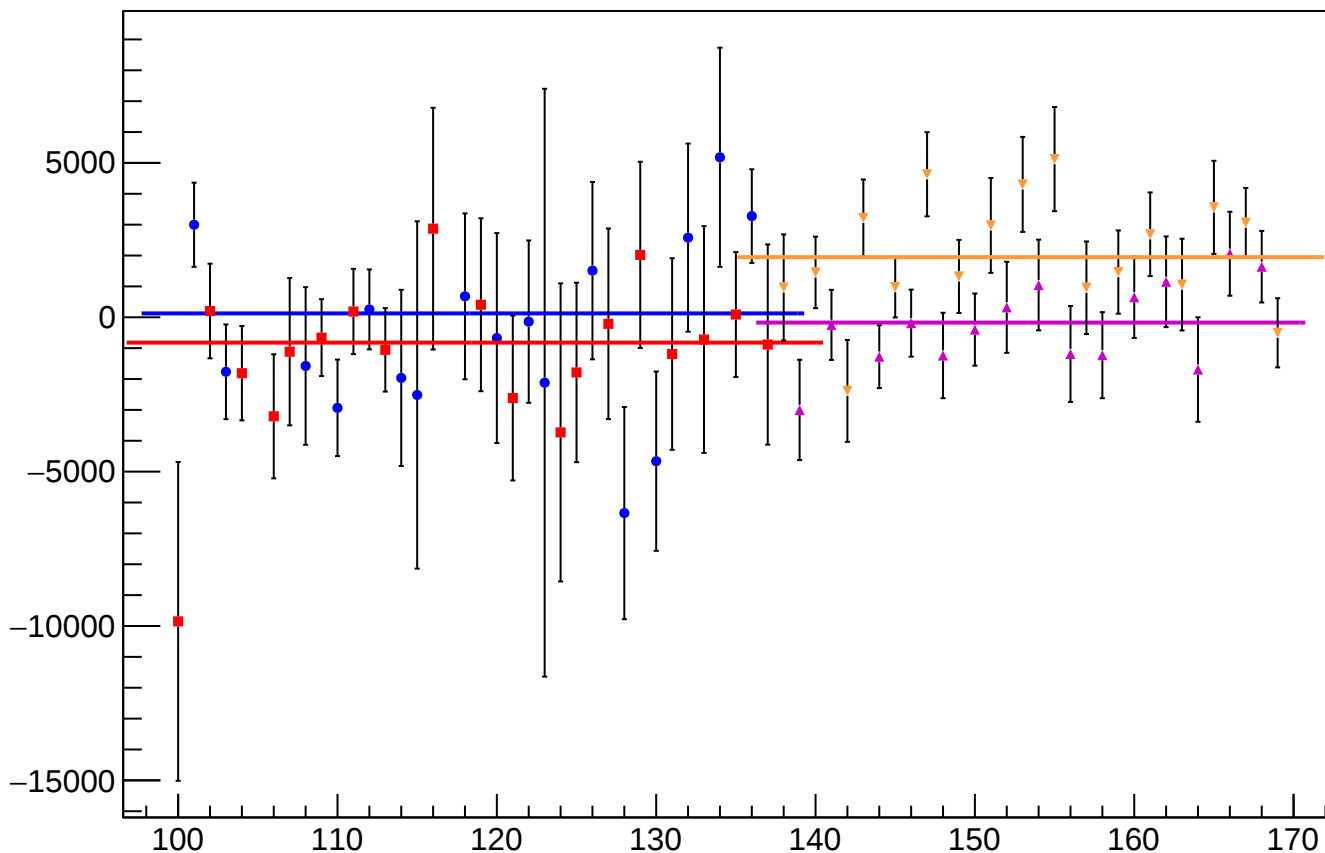
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1204.248+/-0.203 χ^2/NDF : 1632842.6/31

Out: 1168.146+/-0.190 χ^2/NDF : 2021782.5/35

All: 1185.020+/-0.139 χ^2/NDF : 3671466.9/67

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: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

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

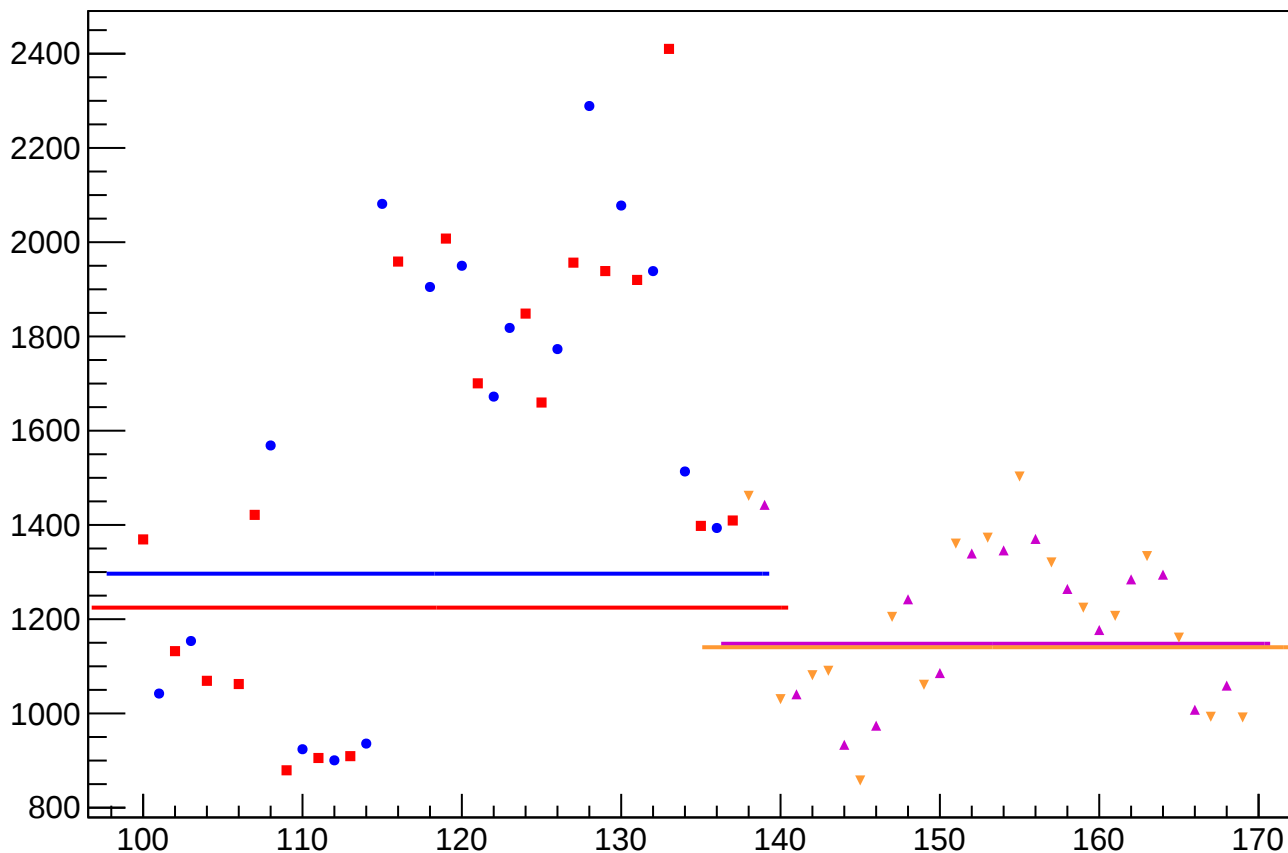
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -85.069 $\pm$ 284.522 χ^2 /NDF:38.7/31

Out: 1097.659 $\pm$ 268.620 χ^2 /NDF:59.7/35

All: 540.268 $\pm$ 195.323 χ^2 /NDF: 107.5/67

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: 1224.561 $\pm$ 0.343 χ^2/NDF : 1348274.4/18

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

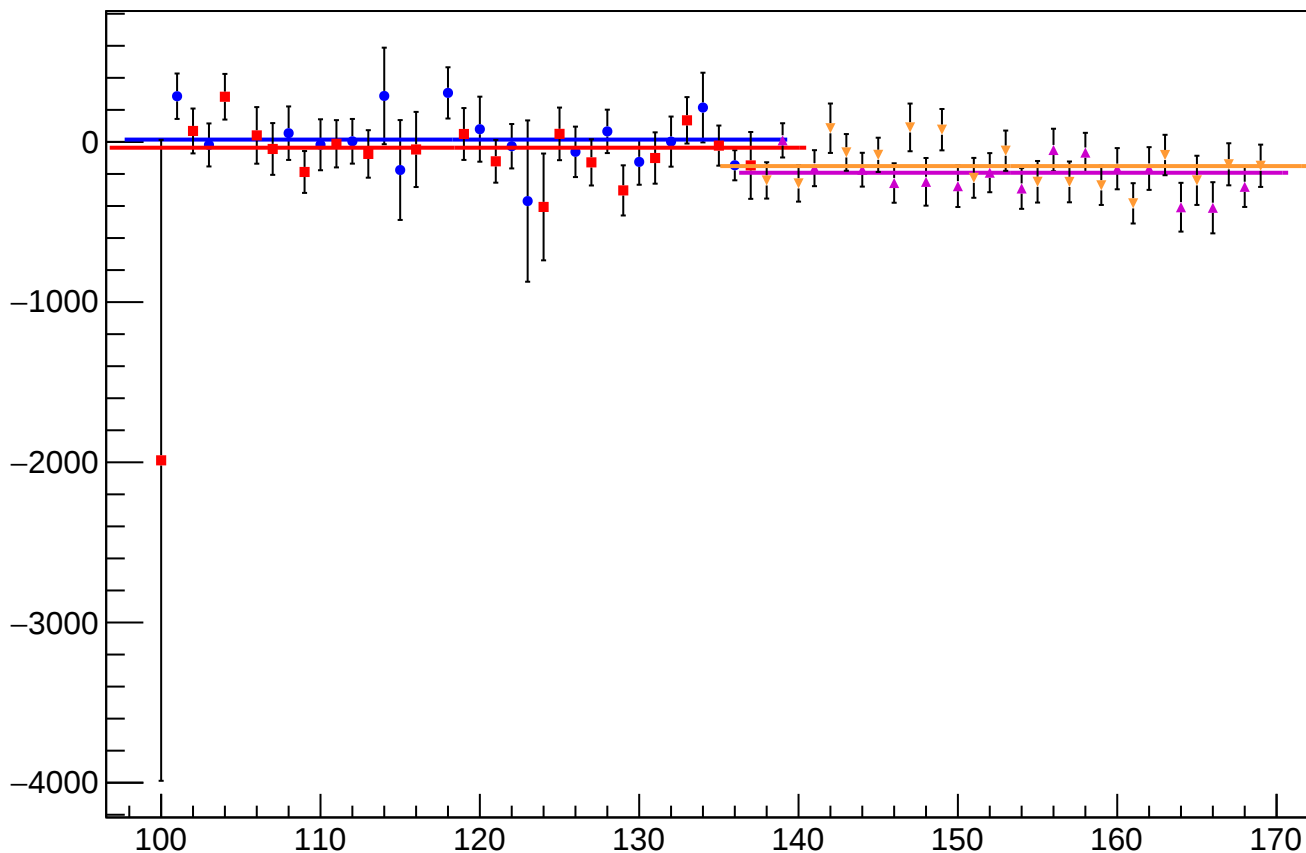
Right: 1257.572 $\pm$ 0.252 χ^2/NDF : 2543980.3/35

In: 1191.241 $\pm$ 0.201 χ^2/NDF : 1718406.4/31

Out: 1166.300 $\pm$ 0.190 χ^2/NDF : 1987100.9/35

All: 1178.054 $\pm$ 0.138 χ^2/NDF : 3713632.6/67

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: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -192.519 ± 32.615 $\chi^2/\text{NDF}: 11.7/14$

Left: -170.402 ± 22.331 $\chi^2/\text{NDF}: 30.3/31$

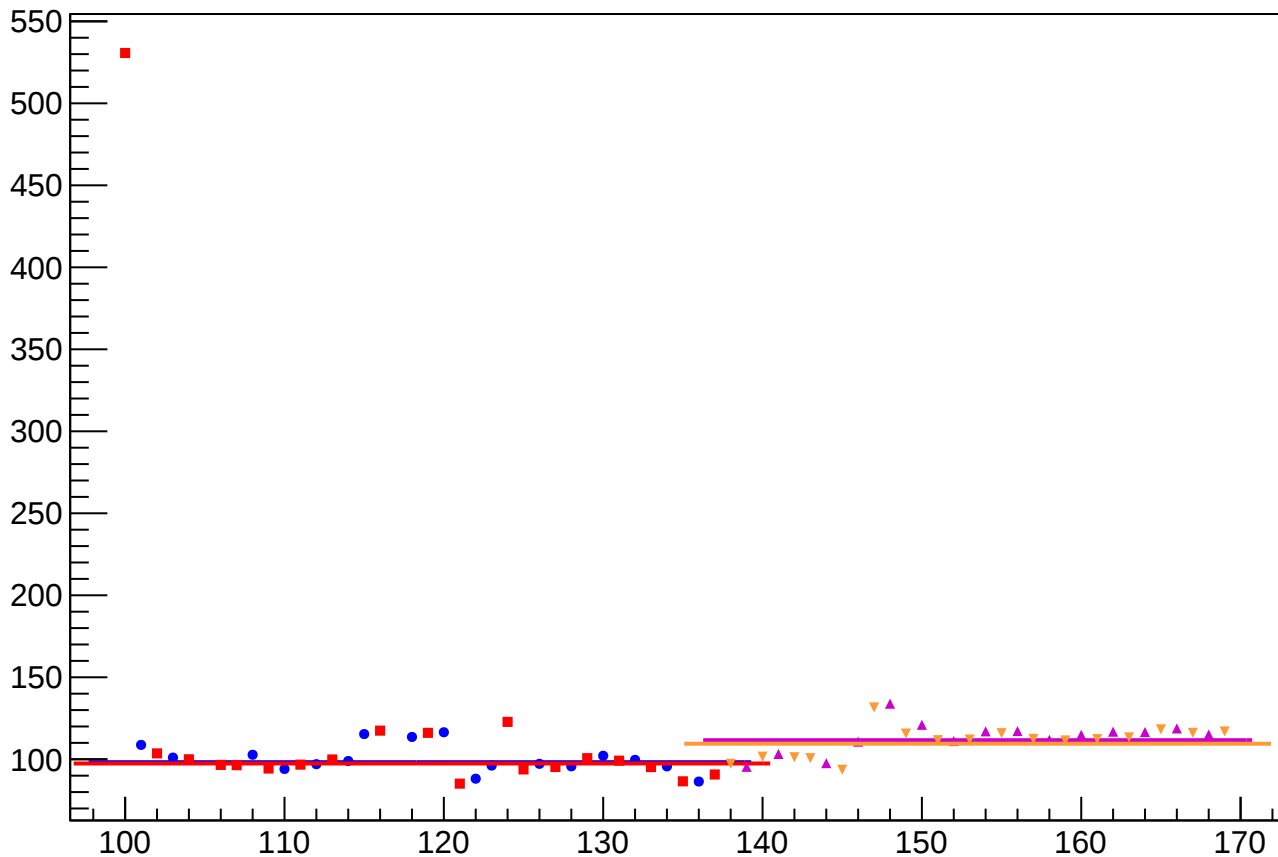
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -104.718 ± 24.754 $\chi^2/\text{NDF}: 43.0/31$

Out: -103.782 ± 23.526 $\chi^2/\text{NDF}: 38.9/35$

All: -104.226 ± 17.053 $\chi^2/\text{NDF}: 81.9/67$

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: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 111.635+/-0.023 χ^2/NDF : 166870.7/14

Left: 110.495+/-0.016 χ^2/NDF : 343707.3/31

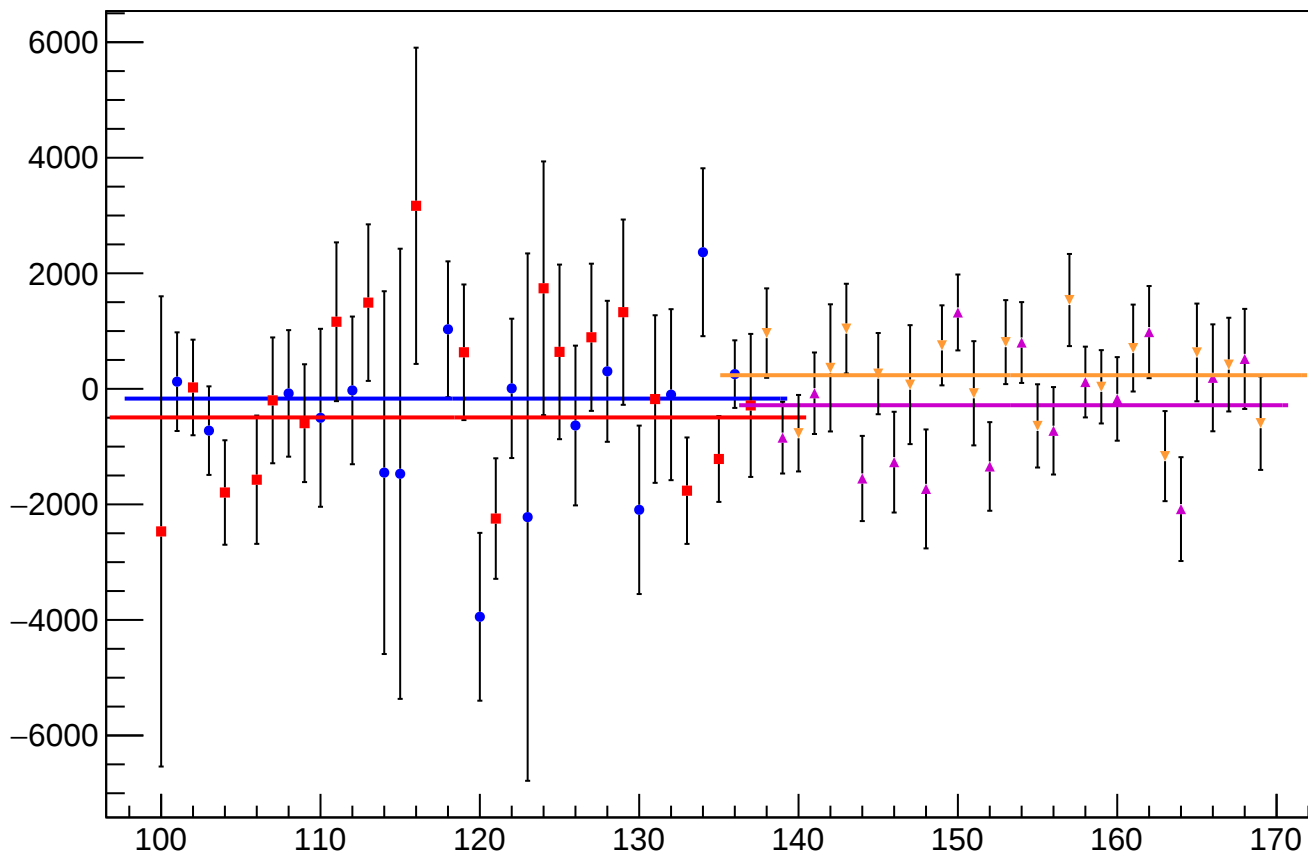
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 105.947+/-0.018 χ^2/NDF : 410852.6/31

Out: 104.542+/-0.017 χ^2/NDF : 489337.7/35

All: 105.209+/-0.012 χ^2/NDF : 903574.0/67

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 235.831 ± 187.496 $\chi^2/\text{NDF}: 14.8/16$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -283.714 ± 194.653 $\chi^2/\text{NDF}: 25.8/14$

Left: -14.214 ± 135.039 $\chi^2/\text{NDF}: 44.3/31$

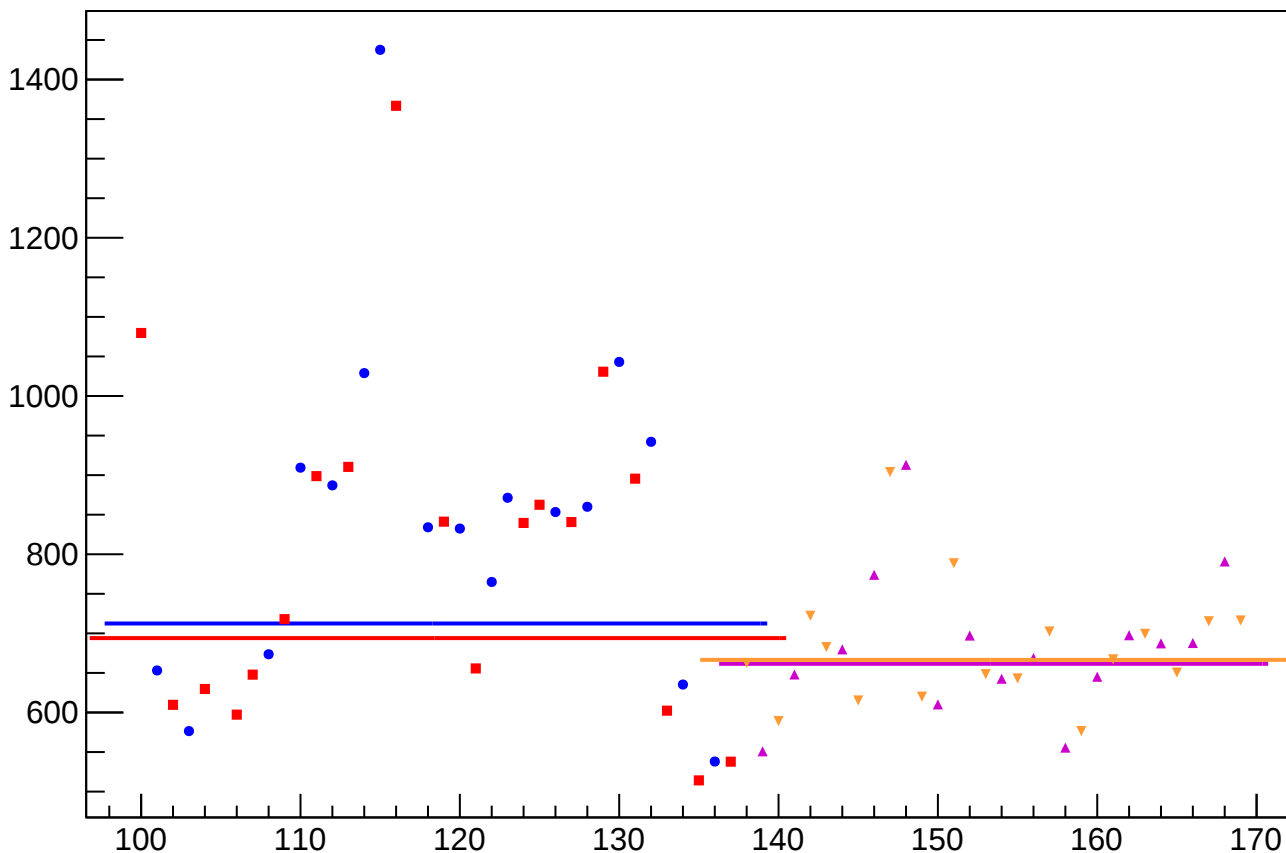
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -246.663 ± 160.228 $\chi^2/\text{NDF}: 40.5/31$

Out: -4.974 ± 153.523 $\chi^2/\text{NDF}: 39.6/35$

All: -120.656 ± 110.852 $\chi^2/\text{NDF}: 81.4/67$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 666.497+/-0.133 χ^2/NDF : 262666.9/16

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 661.522+/-0.138 χ^2/NDF : 349003.5/14

Left: 664.102+/-0.095 χ^2/NDF : 612348.2/31

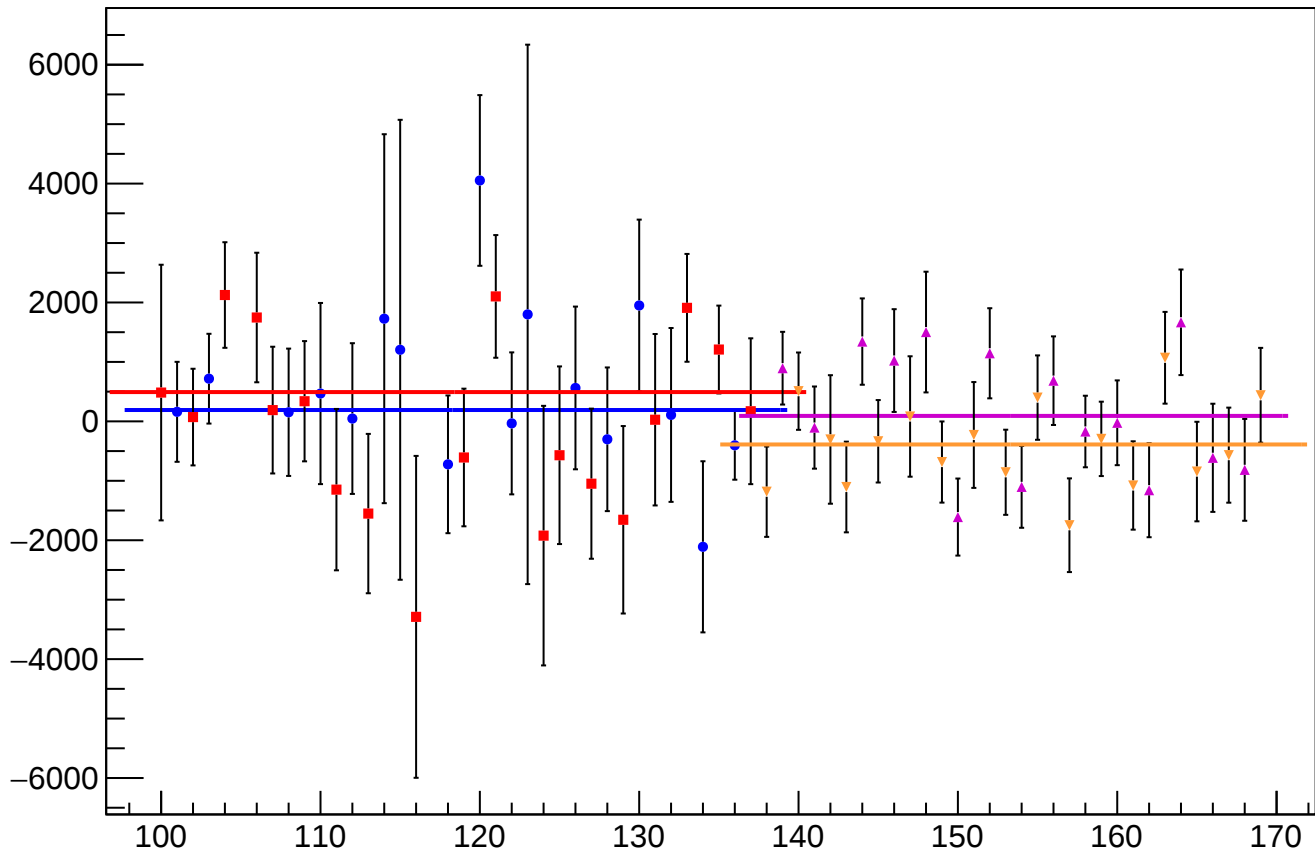
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 677.951+/-0.113 χ^2/NDF : 1053711.7/31

Out: 675.565+/-0.109 χ^2/NDF : 951853.1/35

All: 676.707+/-0.078 χ^2/NDF : 2005795.9/67

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -388.718 $\pm$ 184.799 χ^2 /NDF:14.8/16

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 91.881 $\pm$ 191.859 χ^2 /NDF:27.9/14

Left: -157.424 $\pm$ 133.098 χ^2 /NDF: 46.0/31

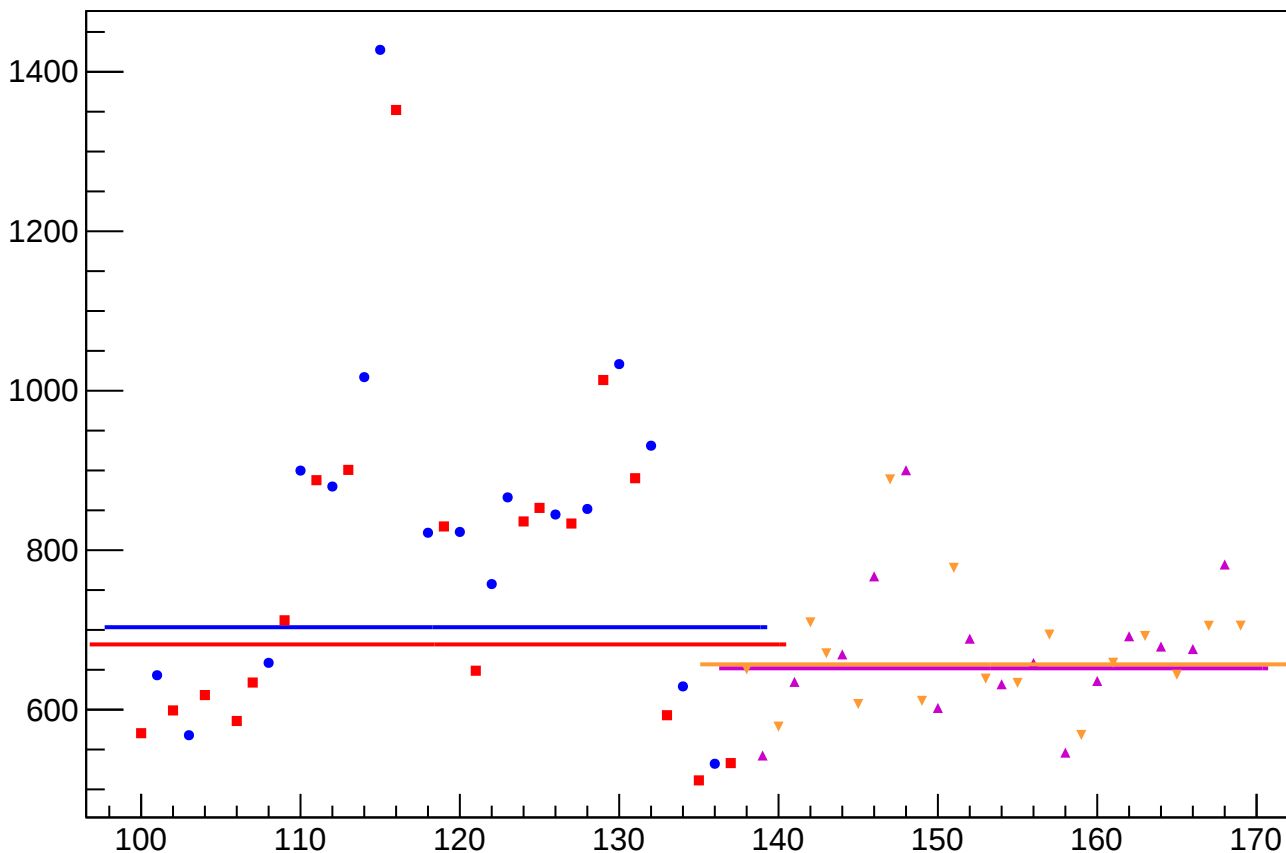
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 123.717 $\pm$ 158.027 χ^2 /NDF:42.2/31

Out: -96.871 $\pm$ 151.137 χ^2 /NDF:45.1/35

All: 8.509 $\pm$ 109.225 χ^2 /NDF: 88.4/67

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 656.817+/-0.131 χ^2/NDF : 262986.1/16

Right Out: 681.807+/-0.186 χ^2/NDF : 664797.9/18

Left In: 651.838+/-0.136 χ^2/NDF : 357454.0/14

Left: 654.420+/-0.094 χ^2/NDF : 621138.8/31

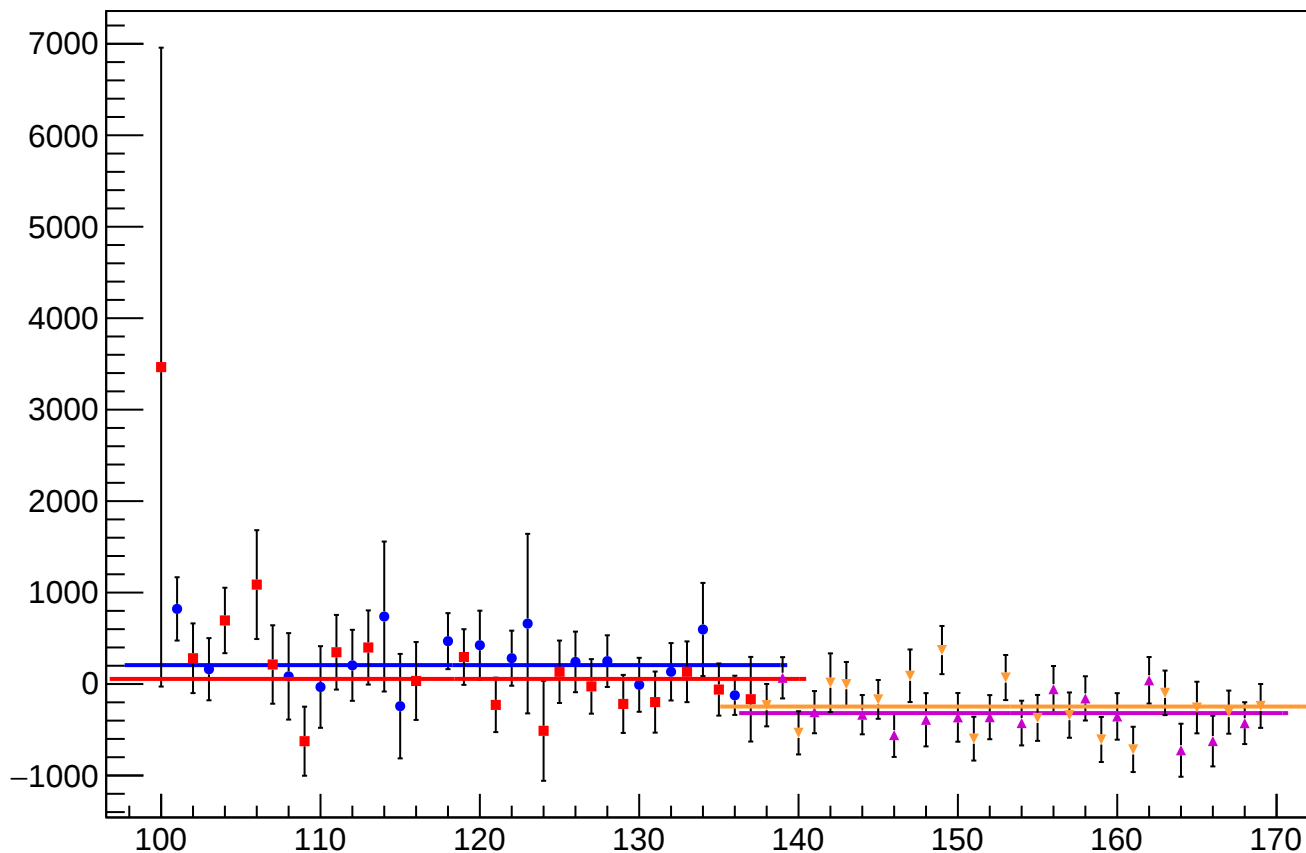
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 668.421+/-0.112 χ^2/NDF : 1070803.7/31

Out: 665.092+/-0.107 χ^2/NDF : 939894.5/35

All: 666.682+/-0.077 χ^2/NDF : 2011161.9/67

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -246.088 $\pm$ 60.227 χ^2 /NDF:20.5/16

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -317.698 $\pm$ 63.862 χ^2 /NDF:11.2/14

Left: -279.797 $\pm$ 43.816 χ^2 /NDF: 32.4/31

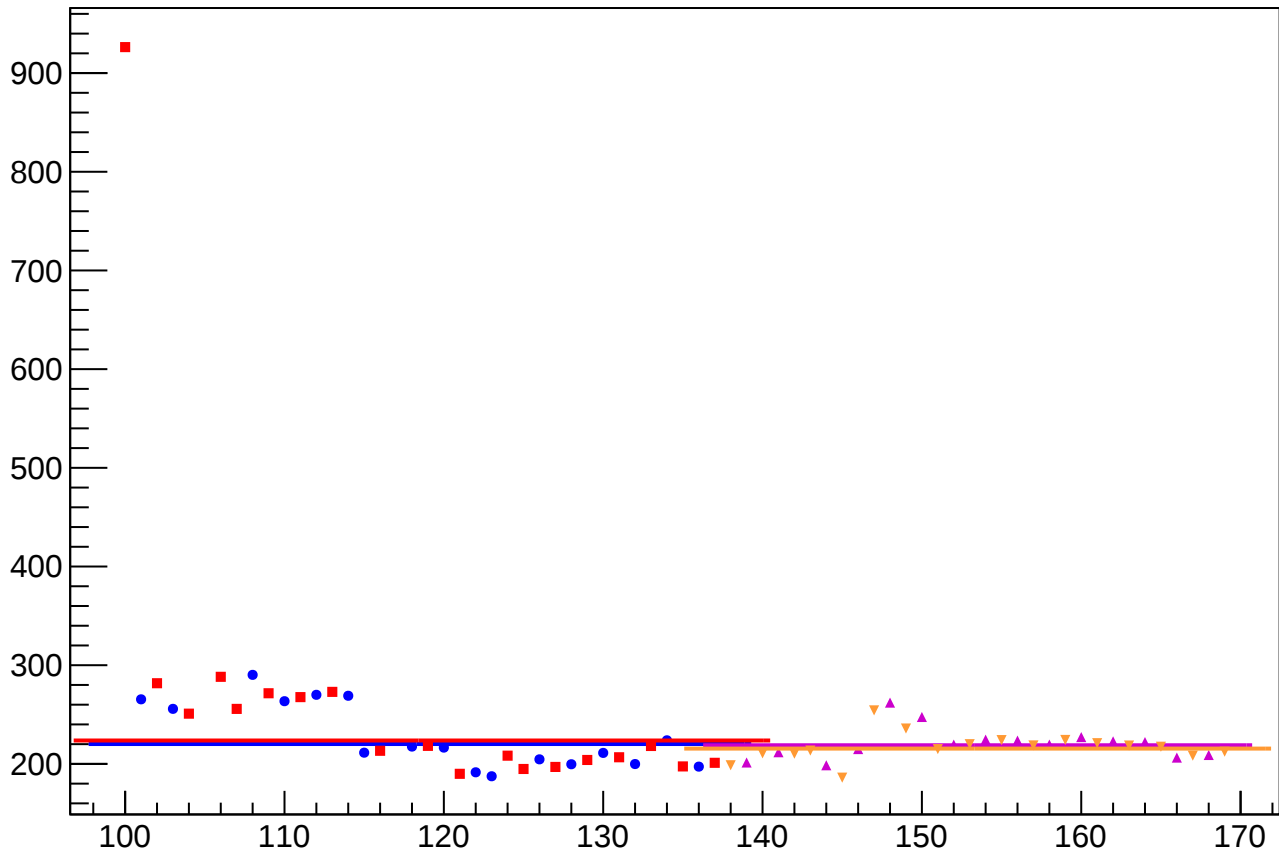
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -130.215 $\pm$ 51.193 χ^2 /NDF:44.8/31

Out: -145.309 $\pm$ 49.174 χ^2 /NDF:45.5/35

All: -138.066 $\pm$ 35.464 χ^2 /NDF: 90.4/67

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: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

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

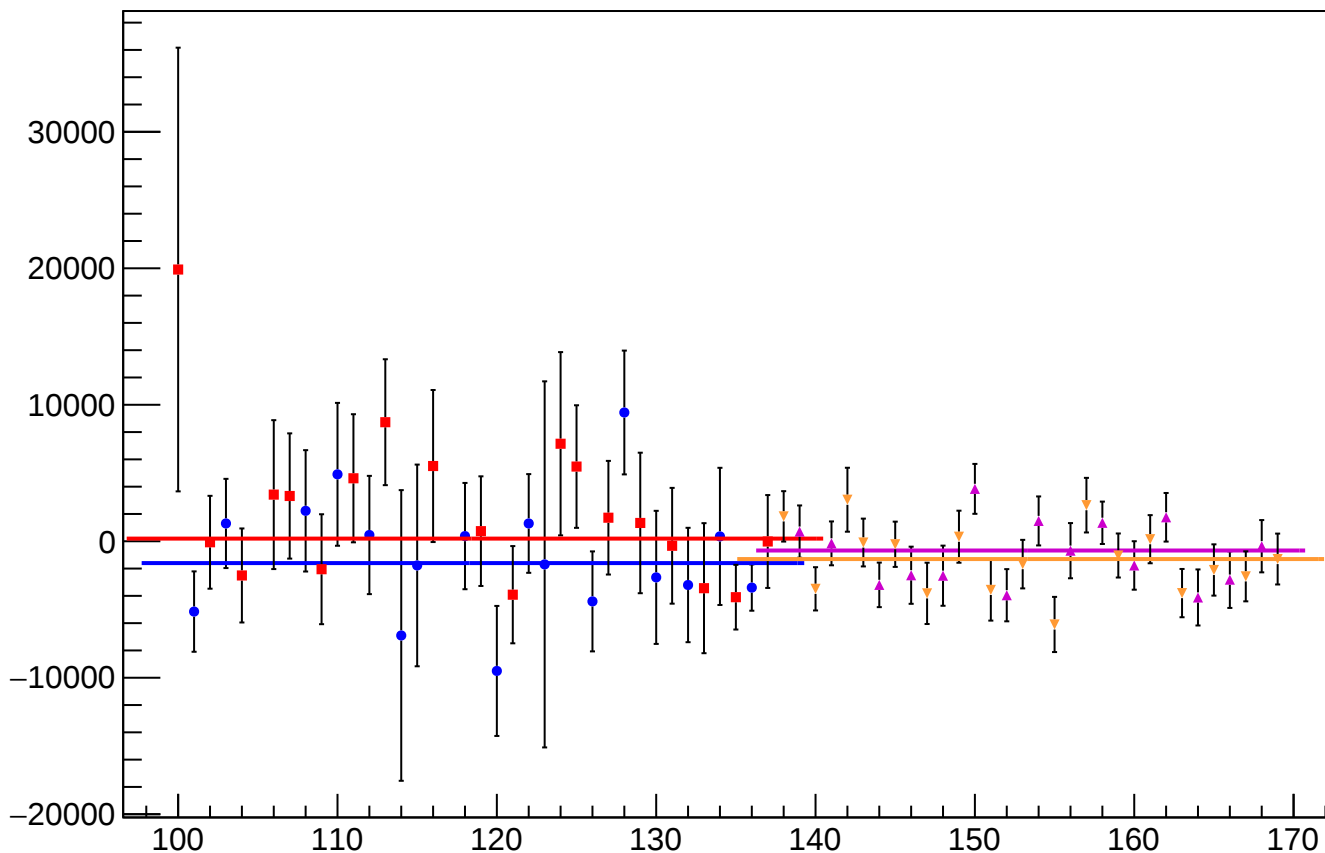
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.331 $\pm$ 0.036 χ^2 /NDF: 340620.6/31

Out: 218.243 $\pm$ 0.035 χ^2 /NDF: 473883.4/35

All: 218.765 $\pm$ 0.025 χ^2 /NDF: 814973.9/67

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: 194.970+/-947.480 χ^2/NDF : 16.3/18

Left In: -677.028+/-477.454 χ^2/NDF : 22.8/14

Left: -1009.186+/-327.446 χ^2/NDF : 48.8/31

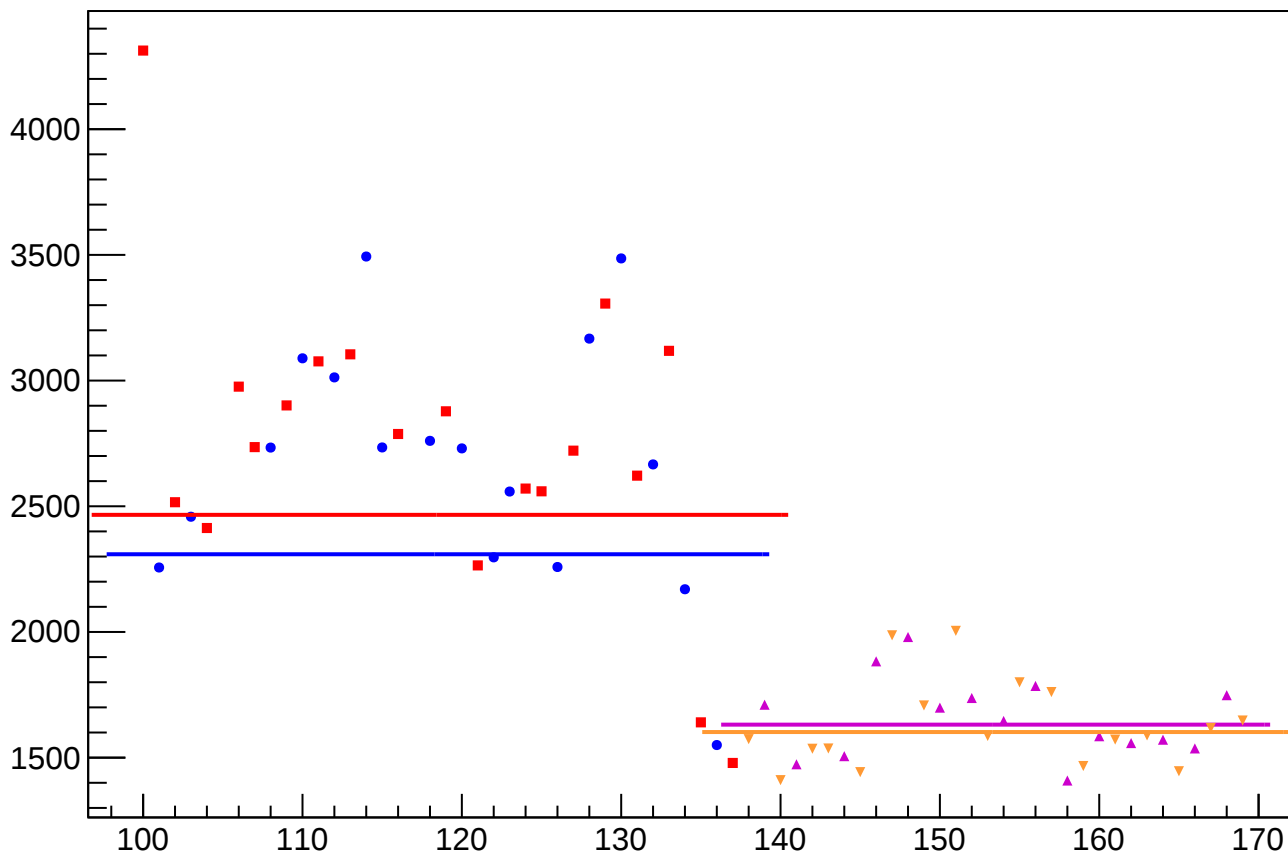
Right: -727.416+/-660.424 χ^2/NDF : 34.8/35

In: -872.316+/-423.885 χ^2/NDF : 40.2/31

Out: -1028.303+/-406.431 χ^2/NDF : 43.4/35

All: -953.587+/-293.366 χ^2/NDF : 83.7/67

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: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

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

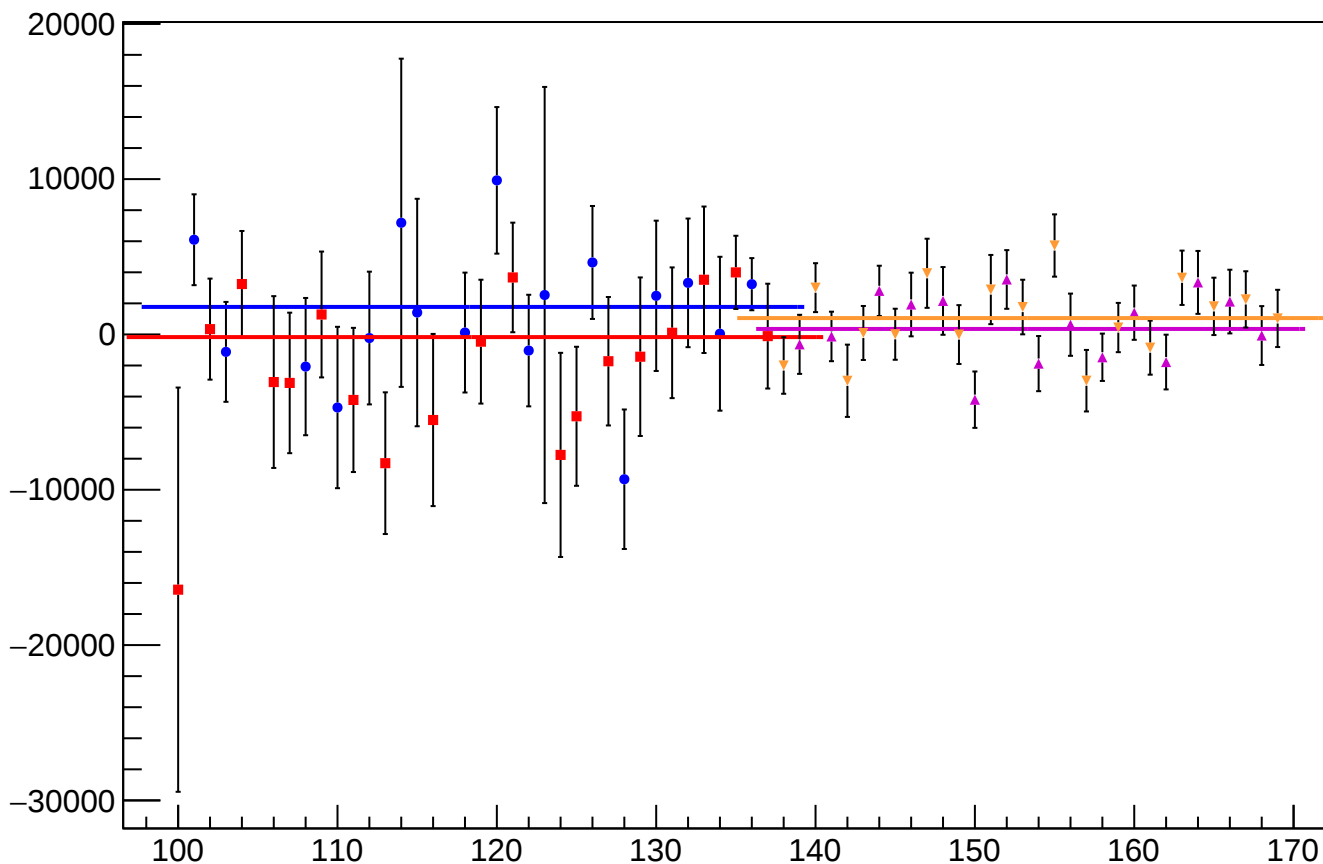
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1774.898 $\pm$ 0.300 χ^2 /NDF: 1847600.2/31

Out: 1760.890 $\pm$ 0.287 χ^2 /NDF: 2294411.6/35

All: 1767.600 $\pm$ 0.207 χ^2 /NDF: 4143149.8/67

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 1053.095+/-445.086 χ^2/NDF : 24.6/16

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 353.668+/-471.807 χ^2/NDF : 20.9/14

Left: 723.747+/-323.758 χ^2/NDF : 46.7/31

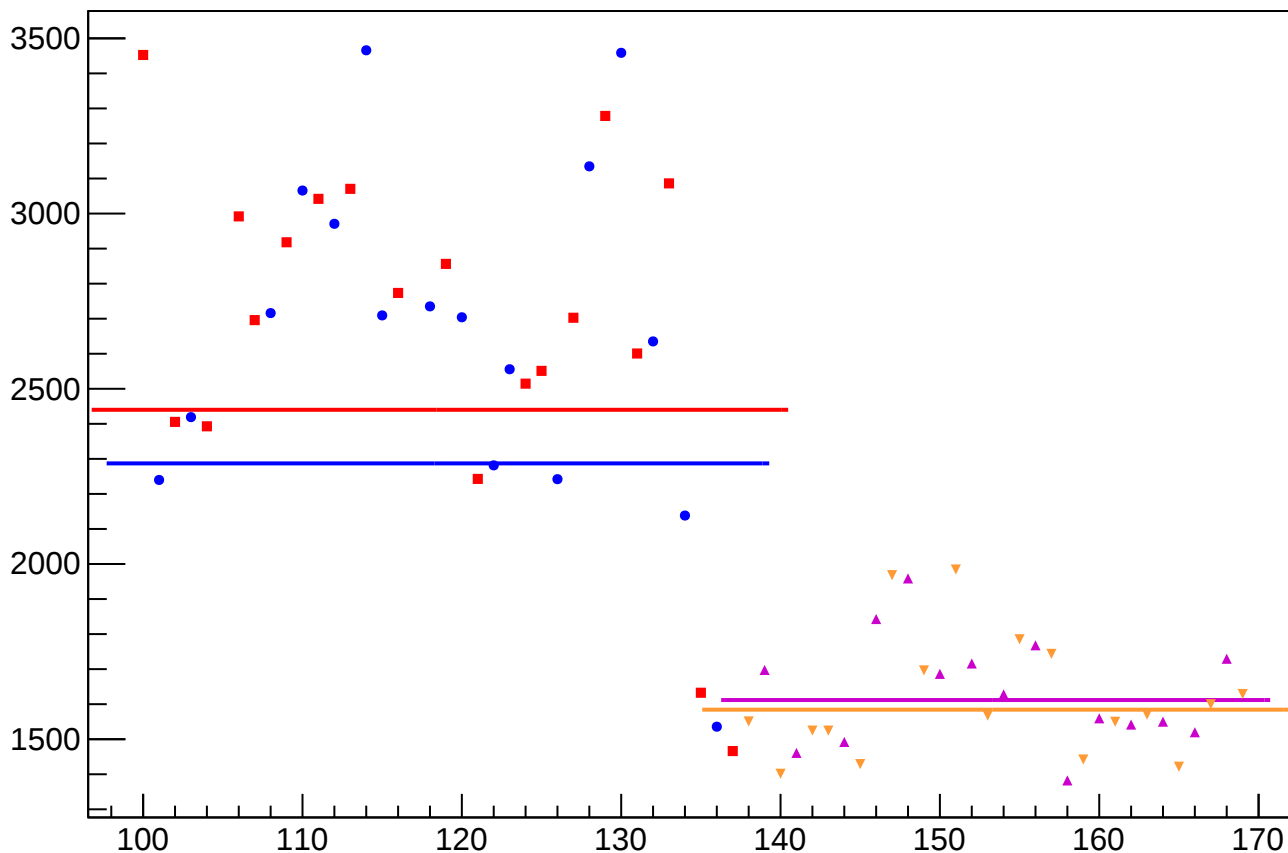
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 652.796+/-419.084 χ^2/NDF : 40.2/31

Out: 827.921+/-402.067 χ^2/NDF : 42.1/35

All: 743.986+/-290.134 χ^2/NDF : 82.3/67

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: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1611.842+/-0.334 χ^2/NDF : 194765.8/14

Left: 1597.288+/-0.229 χ^2/NDF : 445552.4/31

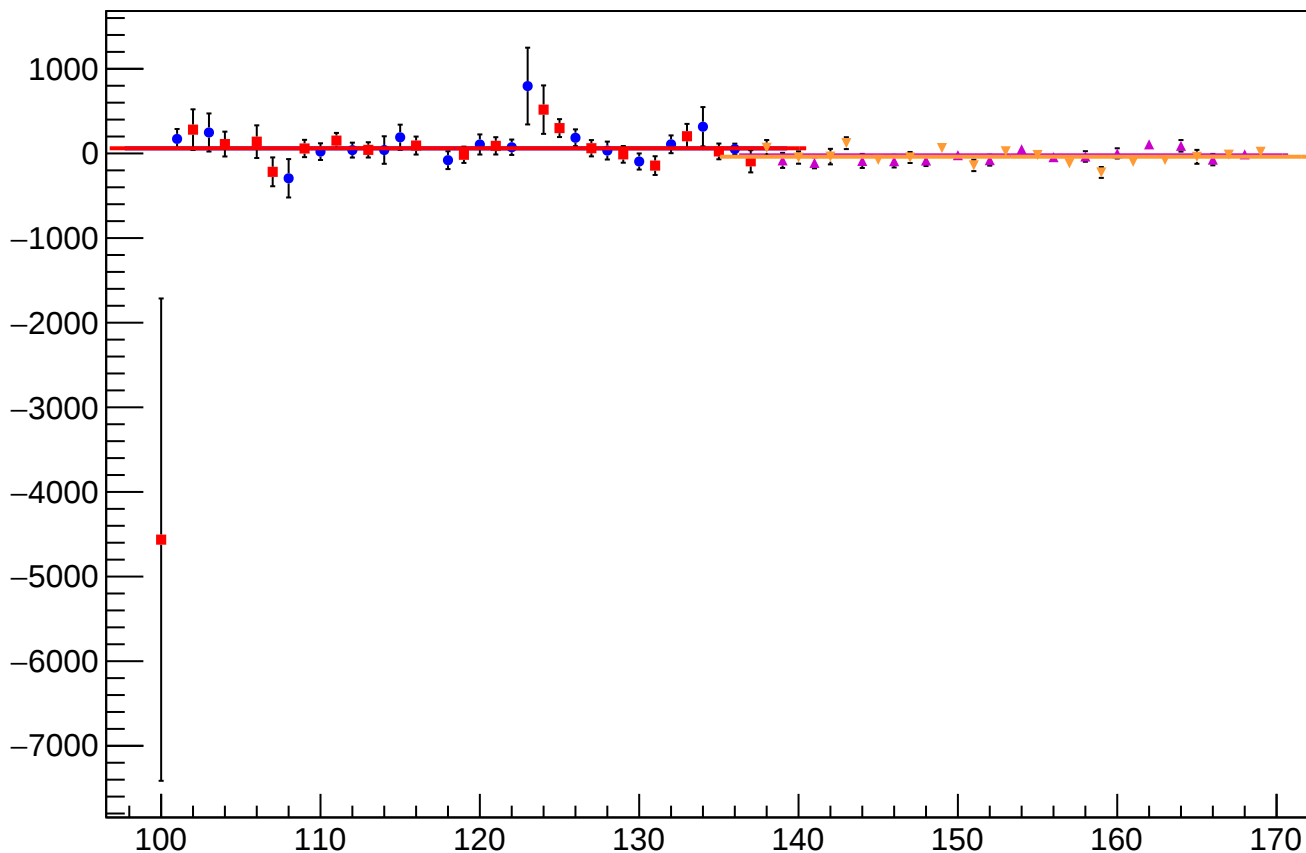
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1754.327+/-0.296 χ^2/NDF : 1858619.4/31

Out: 1741.760+/-0.284 χ^2/NDF : 2286346.0/35

All: 1747.784+/-0.205 χ^2/NDF : 4145901.9/67

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 χ^2/NDF : 15.3/16

Left Out: -38.723 ± 14.999 χ^2/NDF : 27.3/16

Right Out: 60.983 ± 27.009 χ^2/NDF : 22.3/18

Left In: -22.463 ± 16.202 χ^2/NDF : 15.9/14

Left: -31.219 ± 11.007 χ^2/NDF : 43.8/31

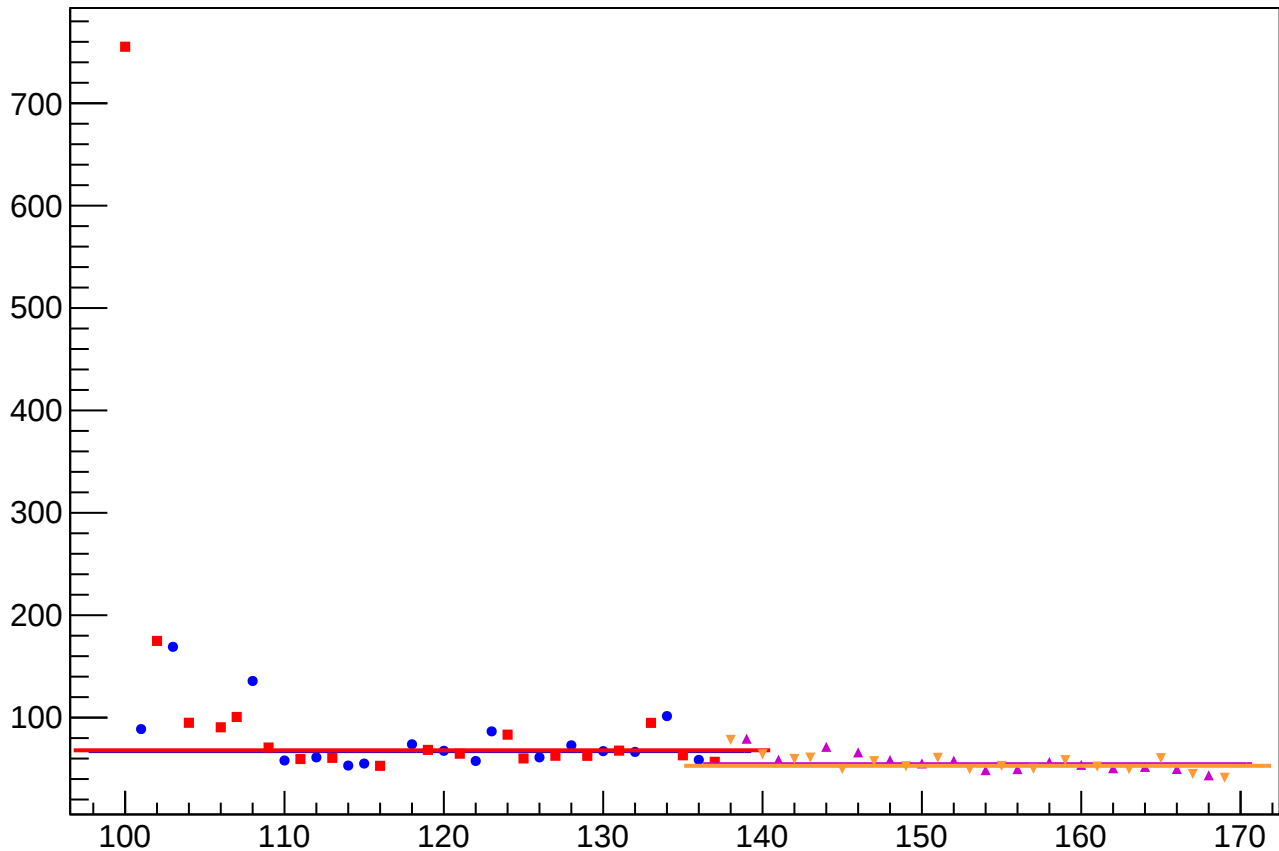
Right: 60.322 ± 19.123 χ^2/NDF : 37.7/35

In: -0.816 ± 13.903 χ^2/NDF : 38.0/31

Out: -15.223 ± 13.113 χ^2/NDF : 60.1/35

All: -8.440 ± 9.539 χ^2/NDF : 98.6/67

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: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

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

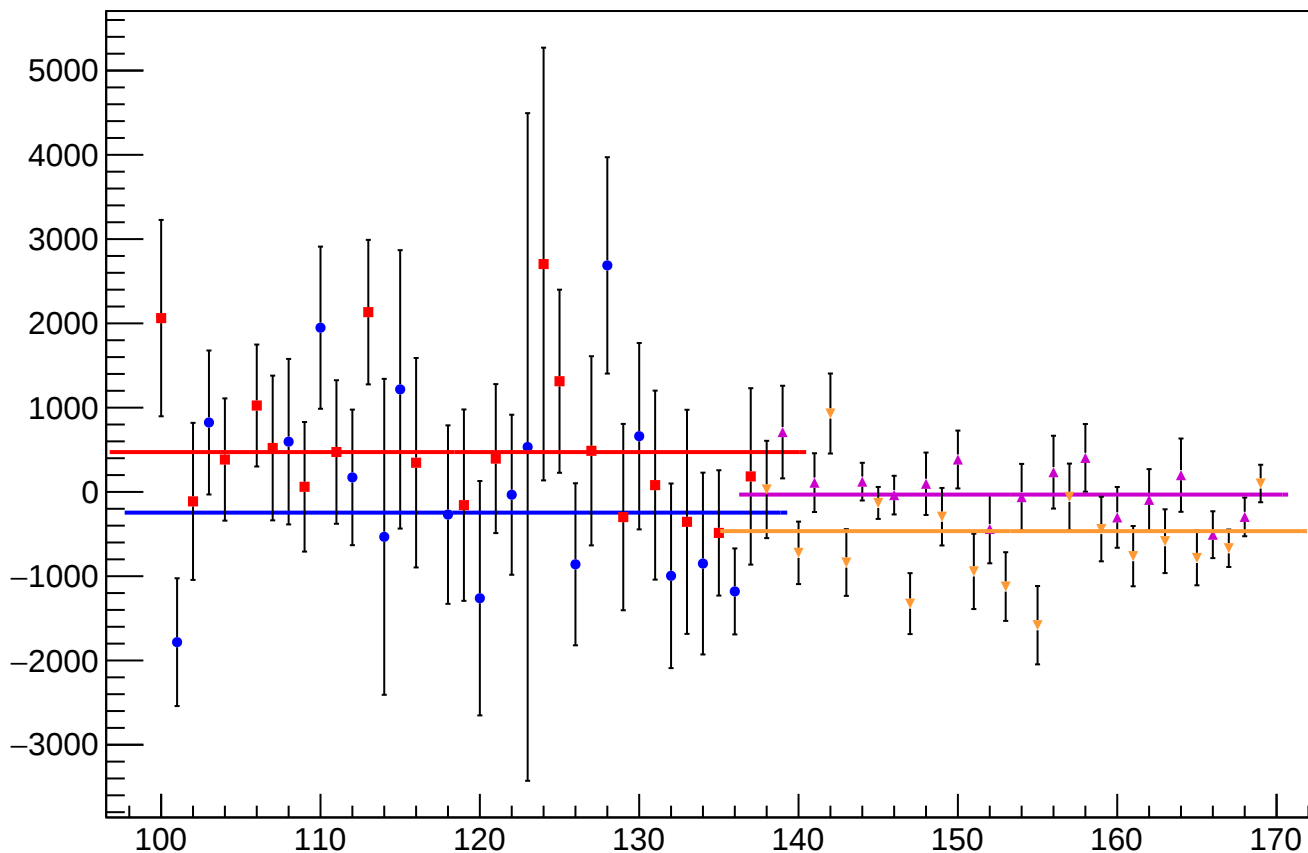
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 57.880 $\pm$ 0.010 χ^2 /NDF: 1645019.1/31

Out: 56.476 $\pm$ 0.009 χ^2 /NDF: 1856313.0/35

All: 57.137 $\pm$ 0.007 χ^2 /NDF: 3512130.4/67

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 $\chi^2/\text{NDF}: 23.8/16$

Left Out: -465.094 ± 79.371 $\chi^2/\text{NDF}: 39.4/16$

Right Out: 472.860 ± 218.823 $\chi^2/\text{NDF}: 11.3/18$

Left In: -31.546 ± 83.696 $\chi^2/\text{NDF}: 11.7/14$

Left: -259.811 ± 57.592 $\chi^2/\text{NDF}: 65.3/31$

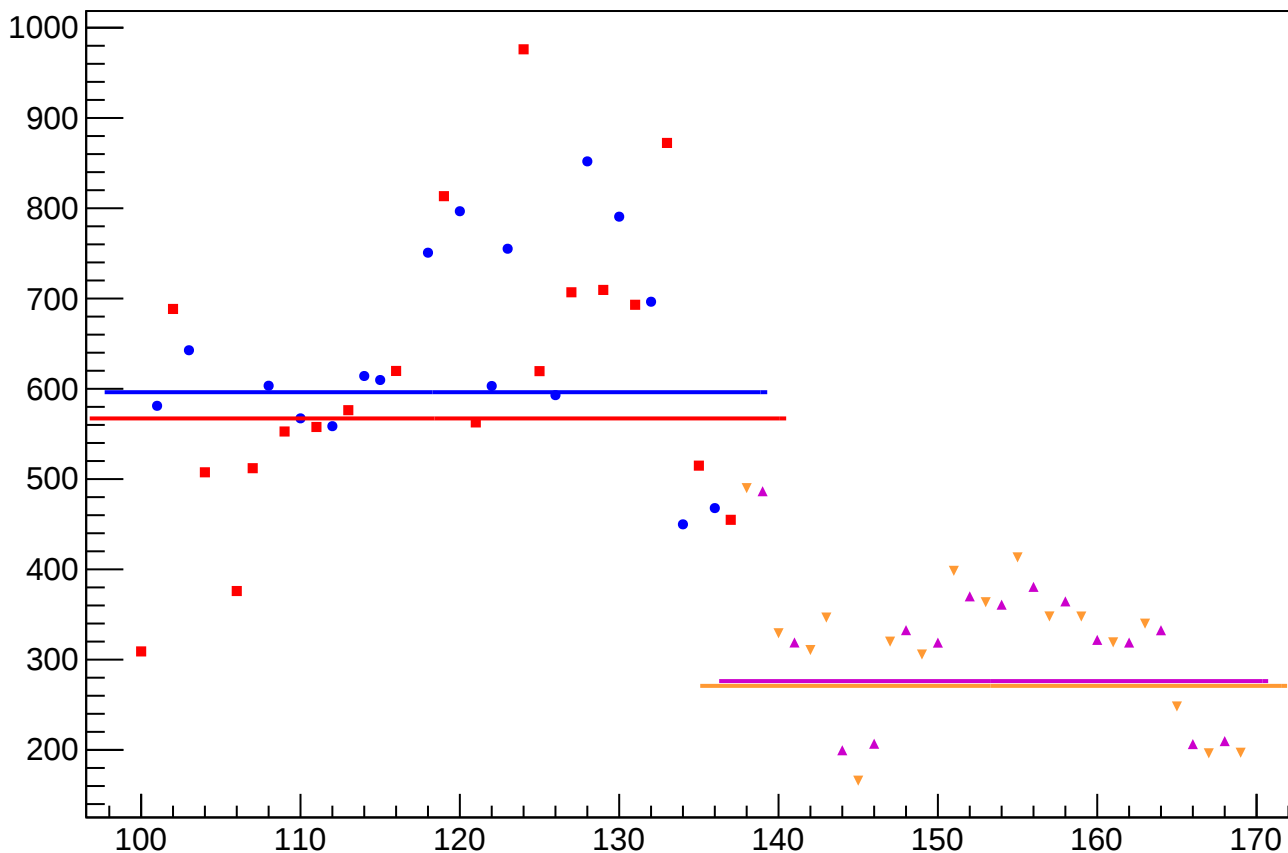
Right: 139.807 ± 160.273 $\chi^2/\text{NDF}: 40.1/35$

In: -55.572 ± 78.860 $\chi^2/\text{NDF}: 36.2/31$

Out: -356.041 ± 74.614 $\chi^2/\text{NDF}: 66.9/35$

All: -214.112 ± 54.199 $\chi^2/\text{NDF}: 110.8/67$

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: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 276.231+/-0.059 χ^2/NDF :1616531.2/14

Left: 273.444+/-0.041 χ^2/NDF : 3885434.6/31

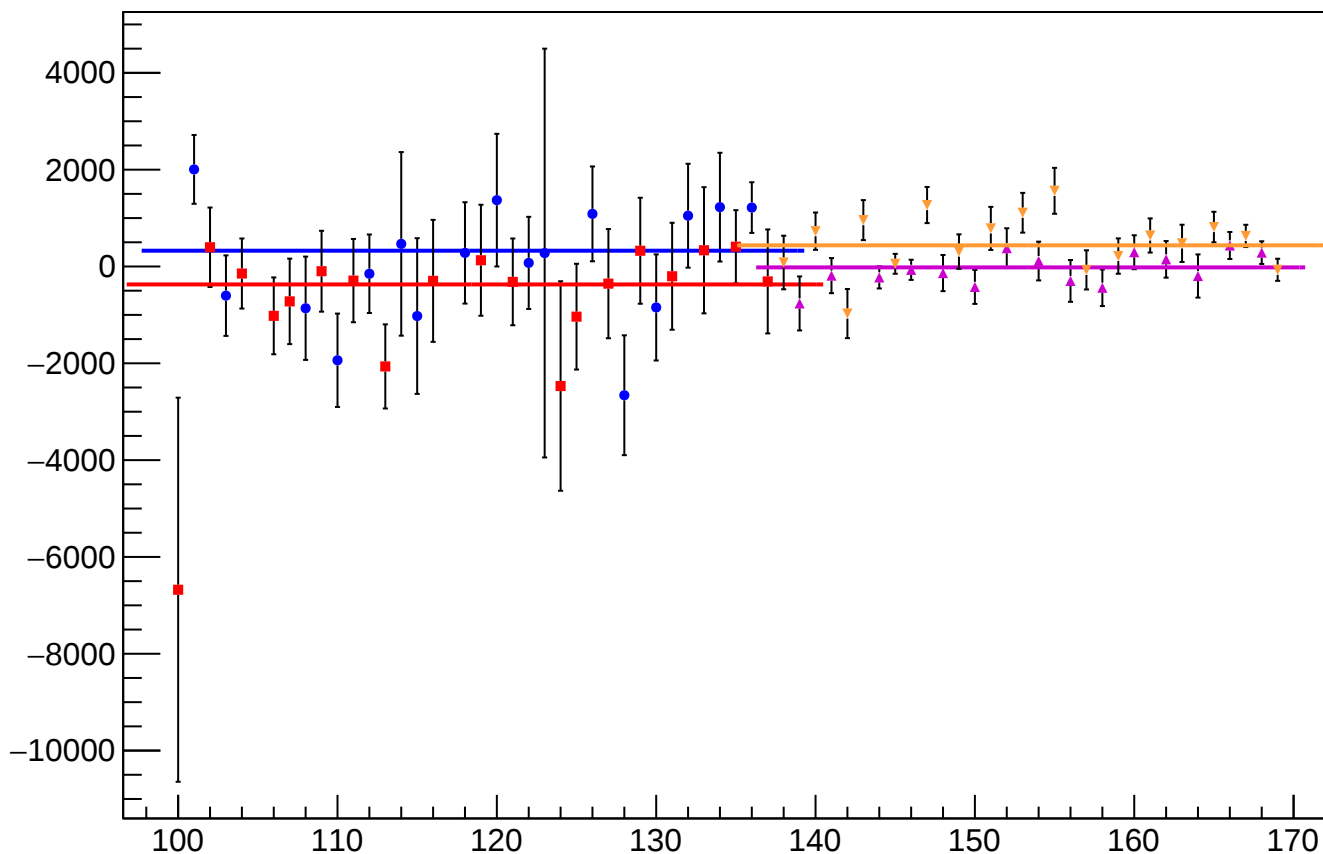
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 312.144+/-0.056 χ^2/NDF :5319977.2/31

Out: 305.380+/-0.053 χ^2/NDF :6179383.7/35

All: 308.575+/-0.038 χ^2/NDF : 11507125.9/67

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 437.110 ± 81.531 $\chi^2/\text{NDF}: 37.1/16$

Right Out: -370.721 ± 224.892 $\chi^2/\text{NDF}: 11.5/18$

Left In: -18.551 ± 83.283 $\chi^2/\text{NDF}: 12.5/14$

Left: 214.124 ± 58.261 $\chi^2/\text{NDF}: 64.9/31$

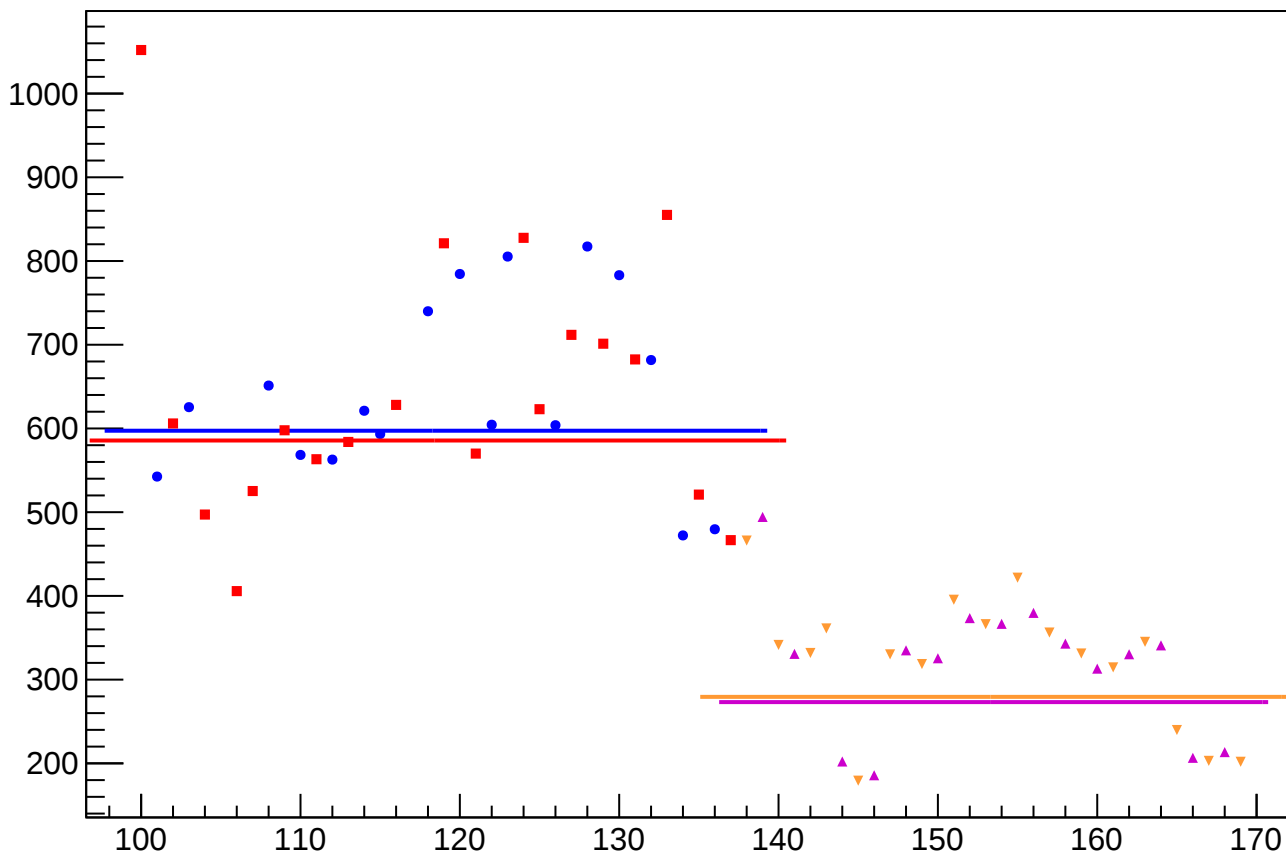
Right: -38.515 ± 162.676 $\chi^2/\text{NDF}: 43.0/35$

In: 19.730 ± 78.522 $\chi^2/\text{NDF}: 41.2/31$

Out: 343.270 ± 76.649 $\chi^2/\text{NDF}: 60.1/35$

All: 185.403 ± 54.849 $\chi^2/\text{NDF}: 110.0/67$

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: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

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

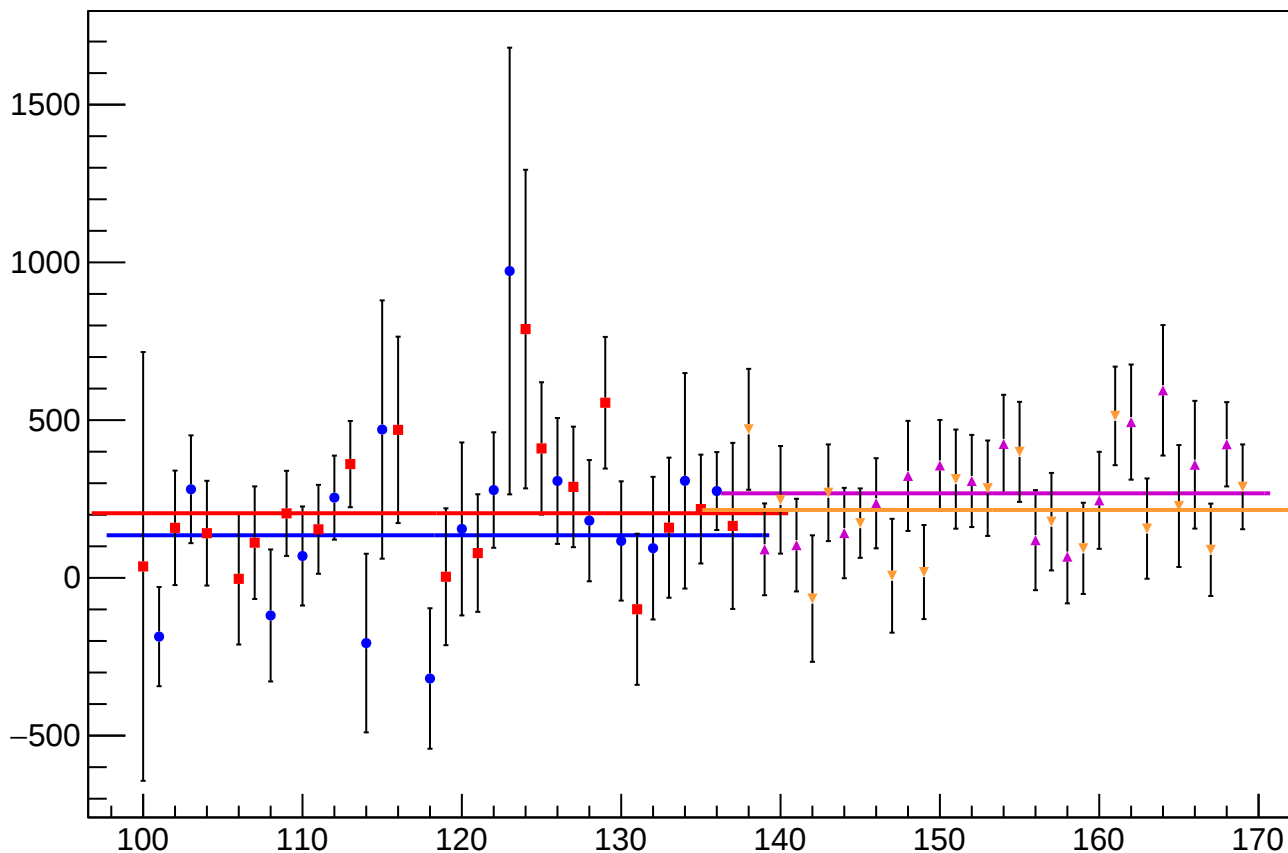
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 309.160 $\pm$ 0.056 χ^2 /NDF:5518860.9/31

Out: 314.983 $\pm$ 0.054 χ^2 /NDF:5745474.5/35

All: 312.142 $\pm$ 0.039 χ^2 /NDF: 11269968.2/67

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: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

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

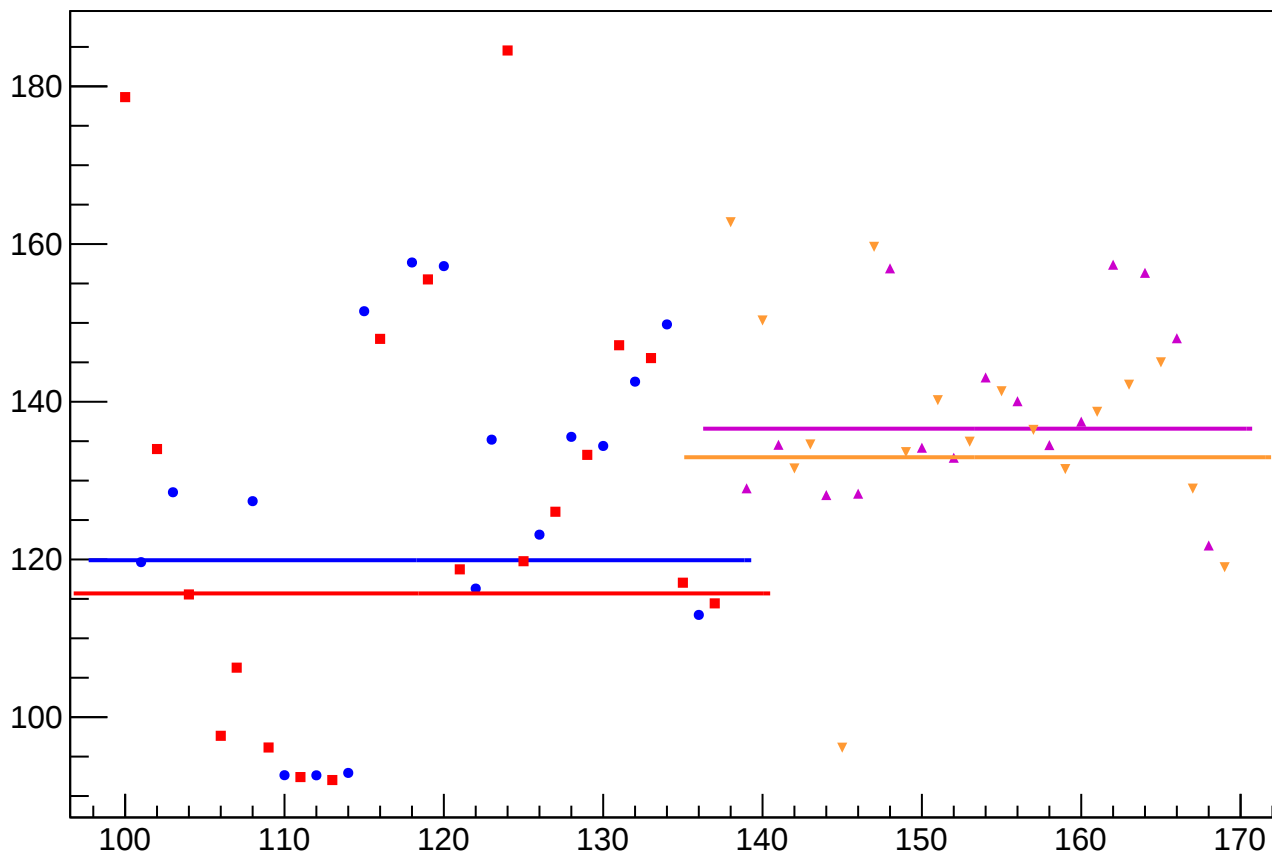
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 212.008 $\pm$ 30.514 χ^2 /NDF:36.1/31

Out: 210.939 $\pm$ 28.669 χ^2 /NDF:26.8/35

All: 211.440 $\pm$ 20.894 χ^2 /NDF: 62.9/67

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 132.964 $\pm$ 0.027 χ^2/NDF : 388778.8/16

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 136.586 $\pm$ 0.028 χ^2/NDF : 128489.0/14

Left: 134.655 $\pm$ 0.019 χ^2/NDF : 525964.7/31

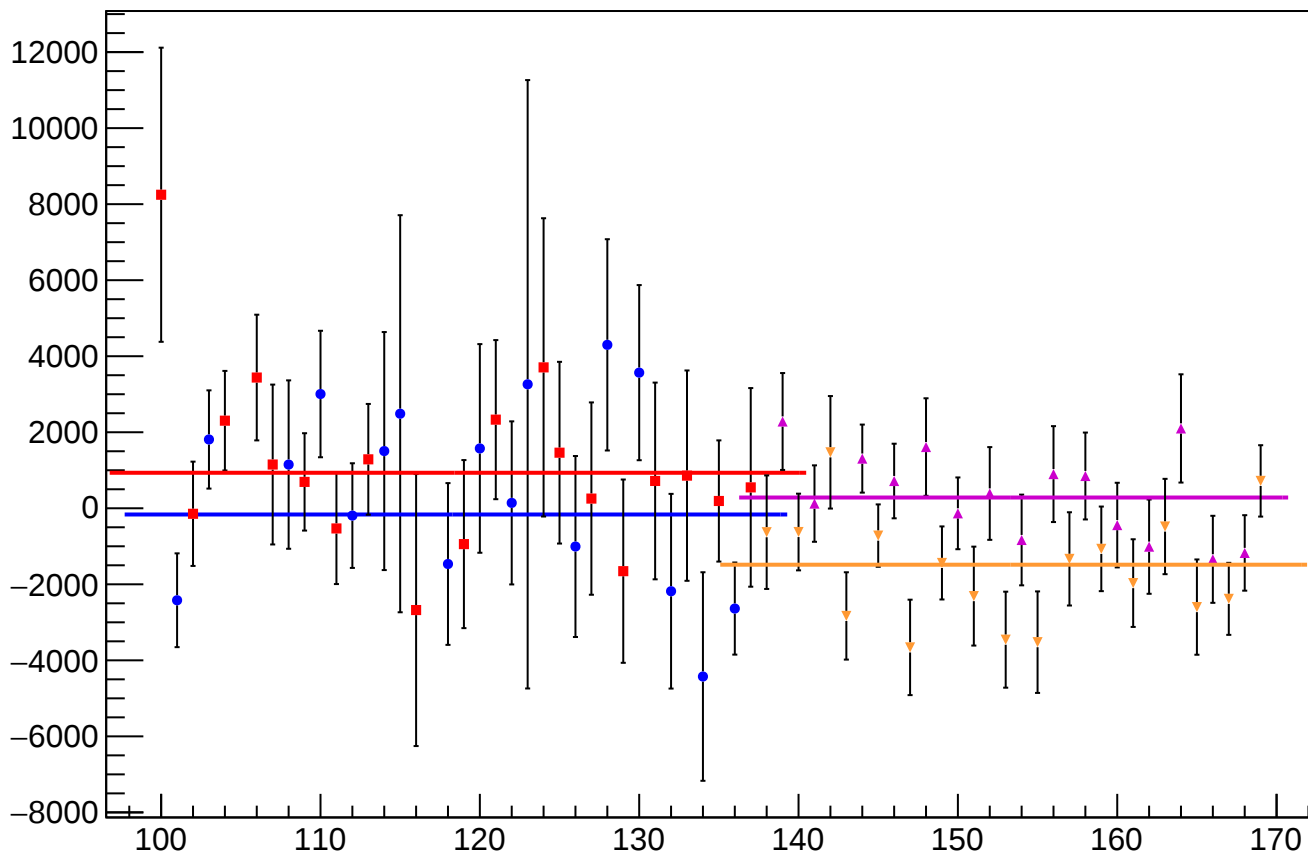
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 129.561 $\pm$ 0.022 χ^2/NDF : 619719.1/31

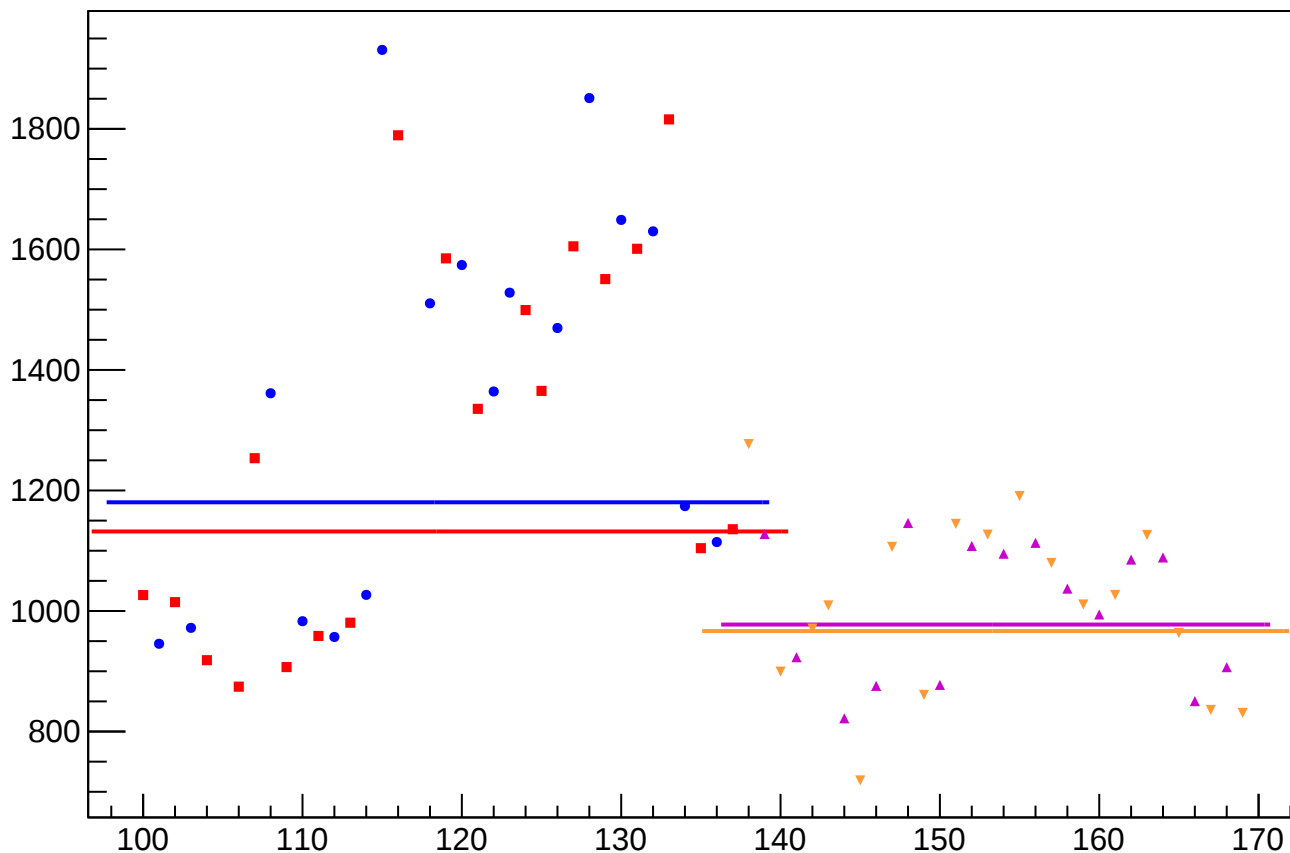
Out: 125.776 $\pm$ 0.020 χ^2/NDF : 1000487.7/35

All: 127.551 $\pm$ 0.015 χ^2/NDF : 1636551.5/67

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 966.686+/-0.193 χ^2/NDF : 593322.8/16

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 977.517+/-0.203 χ^2/NDF : 305993.7/14

Left: 971.835+/-0.140 χ^2/NDF : 900808.1/31

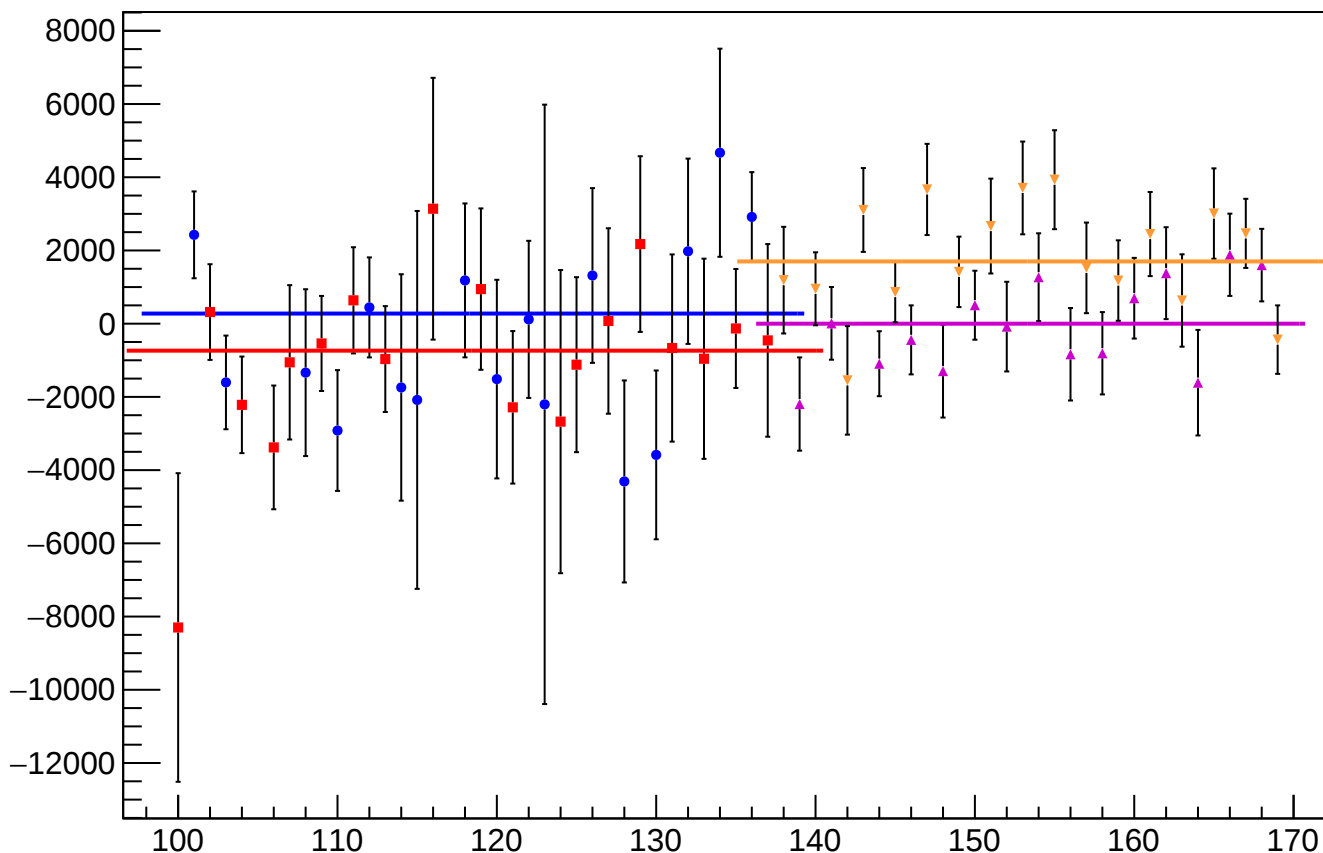
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1032.762+/-0.173 χ^2/NDF : 1246512.9/31

Out: 1013.099+/-0.164 χ^2/NDF : 1560409.0/35

All: 1022.389+/-0.119 χ^2/NDF : 2813715.5/67

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1700.460+/-272.711 χ^2/NDF :24.8/16

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: -0.354+/-285.094 χ^2/NDF :16.4/14

Left: 887.791+/-197.068 χ^2/NDF : 59.8/31

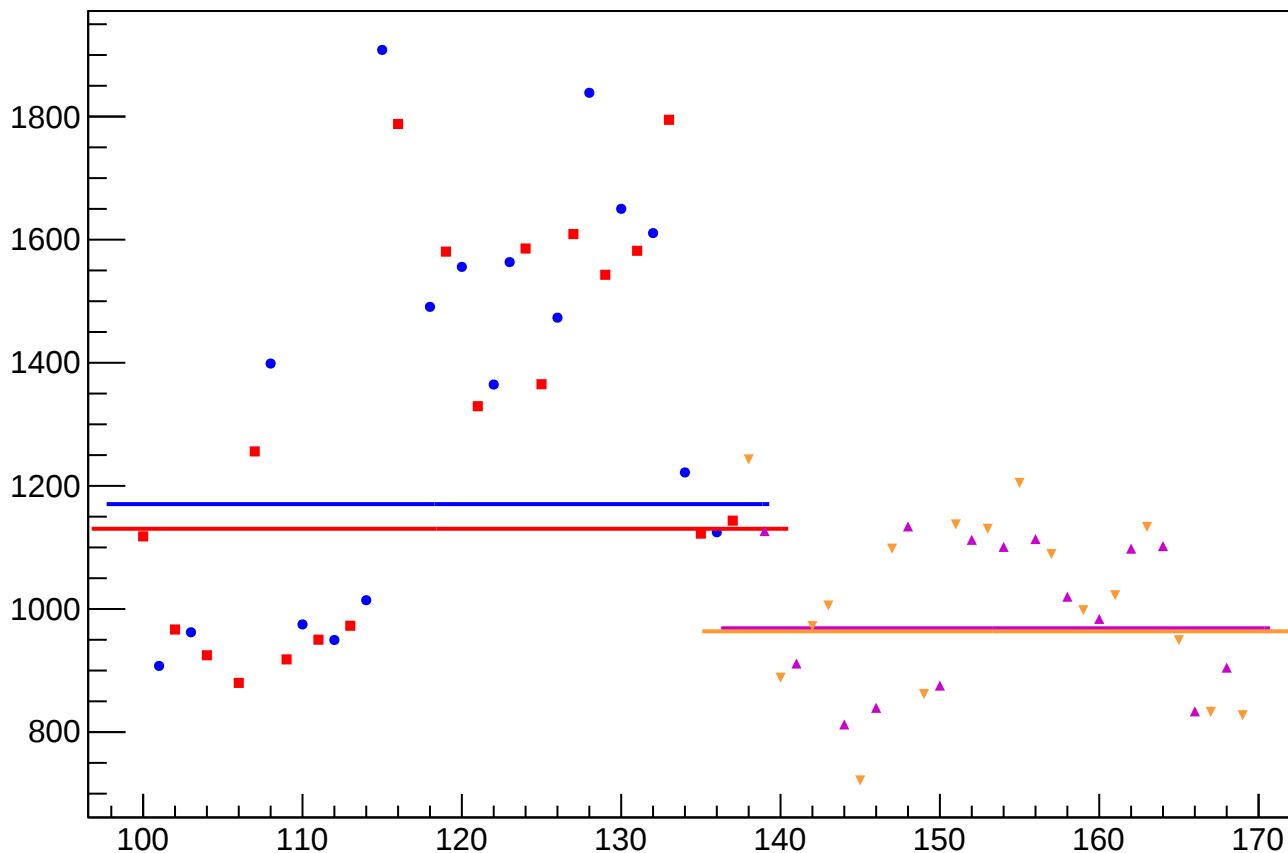
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: 74.926+/-243.252 χ^2/NDF :41.0/31

Out: 1018.351+/-231.424 χ^2/NDF :60.0/35

All: 570.134+/-167.667 χ^2/NDF : 108.8/67

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: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

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

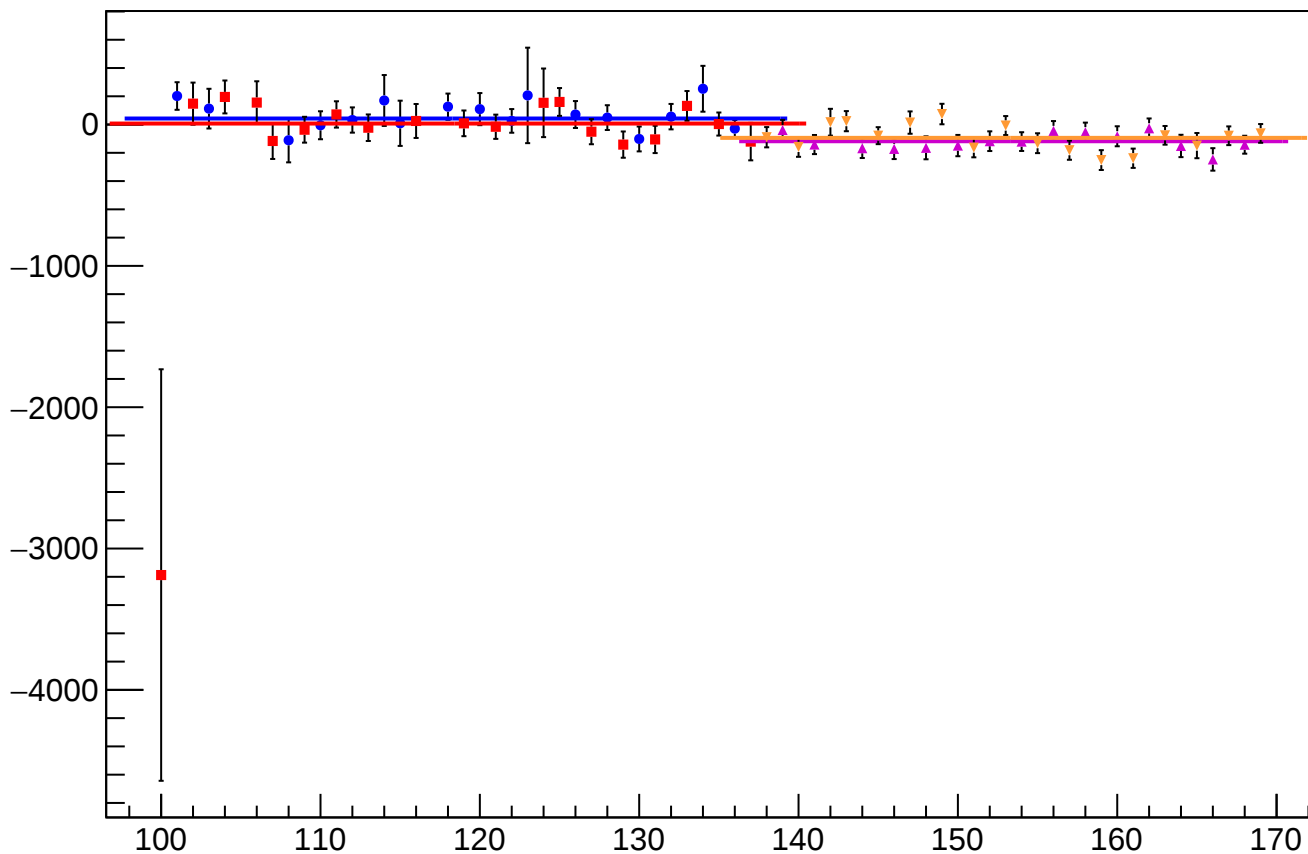
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1023.528 $\pm$ 0.172 χ^2 /NDF: 1326794.4/31

Out: 1010.360 $\pm$ 0.164 χ^2 /NDF: 1557133.6/35

All: 1016.616 $\pm$ 0.119 χ^2 /NDF: 2887004.5/67

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: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -118.090 ± 18.339 $\chi^2/\text{NDF}: 9.8/14$

Left: -105.342 ± 12.507 $\chi^2/\text{NDF}: 37.9/31$

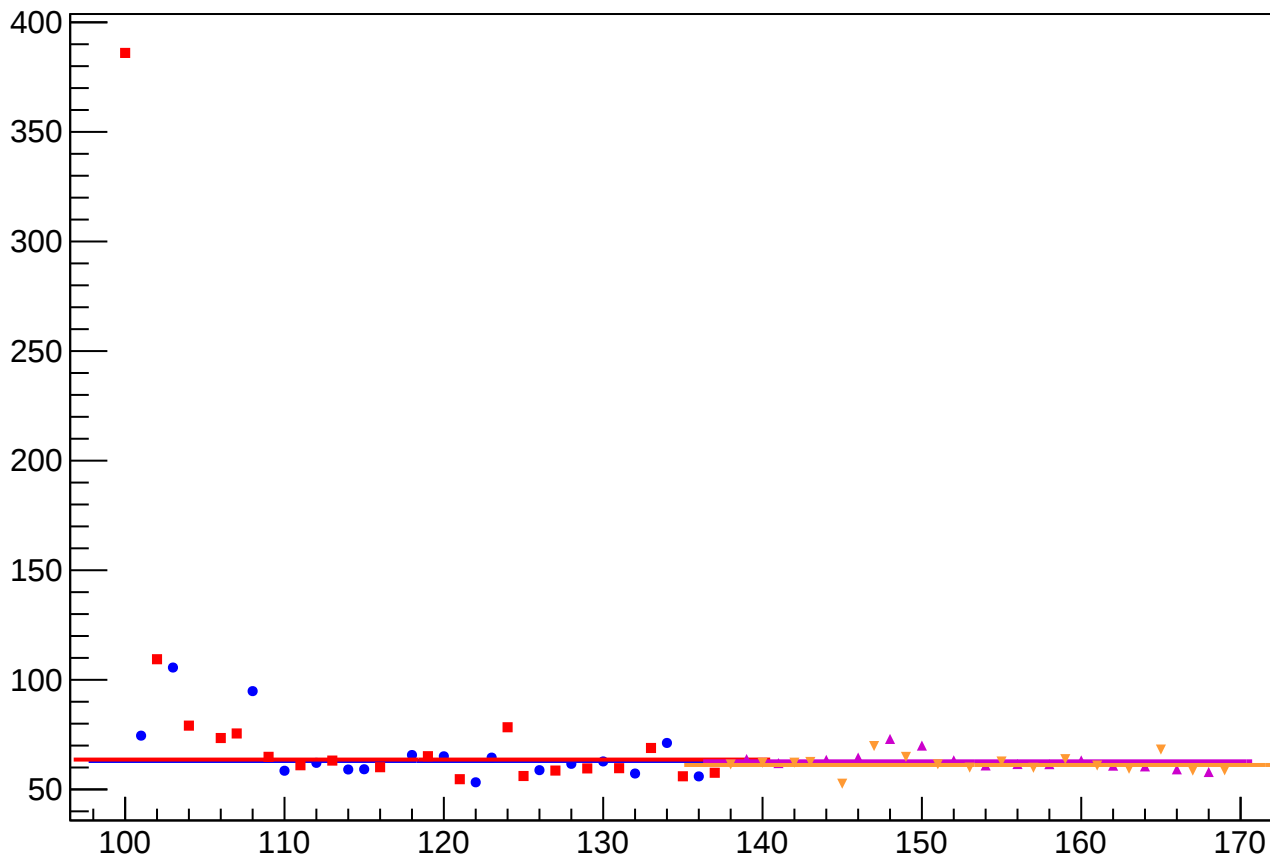
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -60.964 ± 14.724 $\chi^2/\text{NDF}: 49.1/31$

Out: -61.037 ± 14.021 $\chi^2/\text{NDF}: 59.3/35$

All: -61.002 ± 10.154 $\chi^2/\text{NDF}: 108.4/67$

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: 63.613 $\pm$ 0.017 χ^2/NDF : 433549.0/18

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

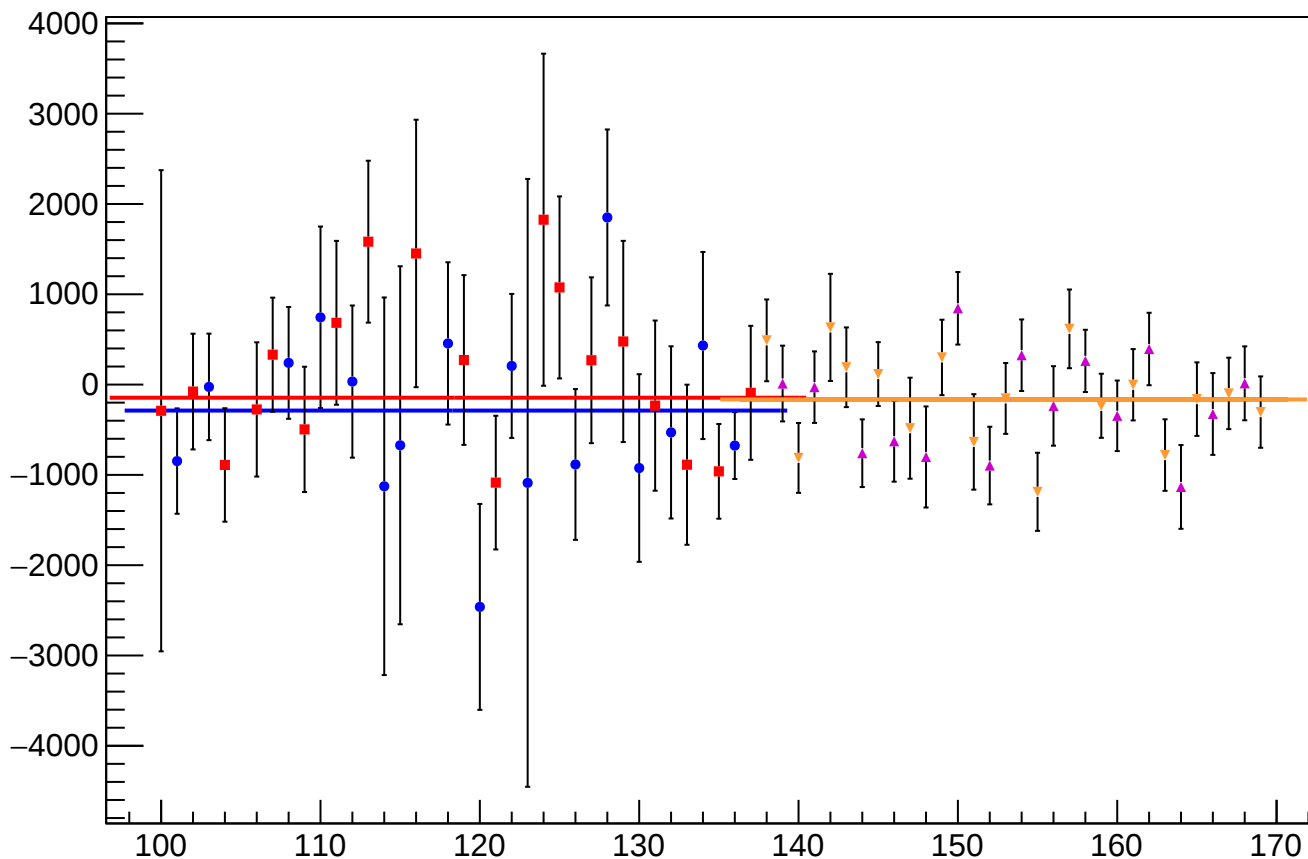
Right: 63.300 $\pm$ 0.012 χ^2/NDF : 809475.4/35

In: 62.870 $\pm$ 0.010 χ^2/NDF :449684.1/31

Out: 61.958 $\pm$ 0.010 χ^2/NDF :543042.7/35

All: 62.392 $\pm$ 0.007 χ^2/NDF : 996753.5/67

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: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

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

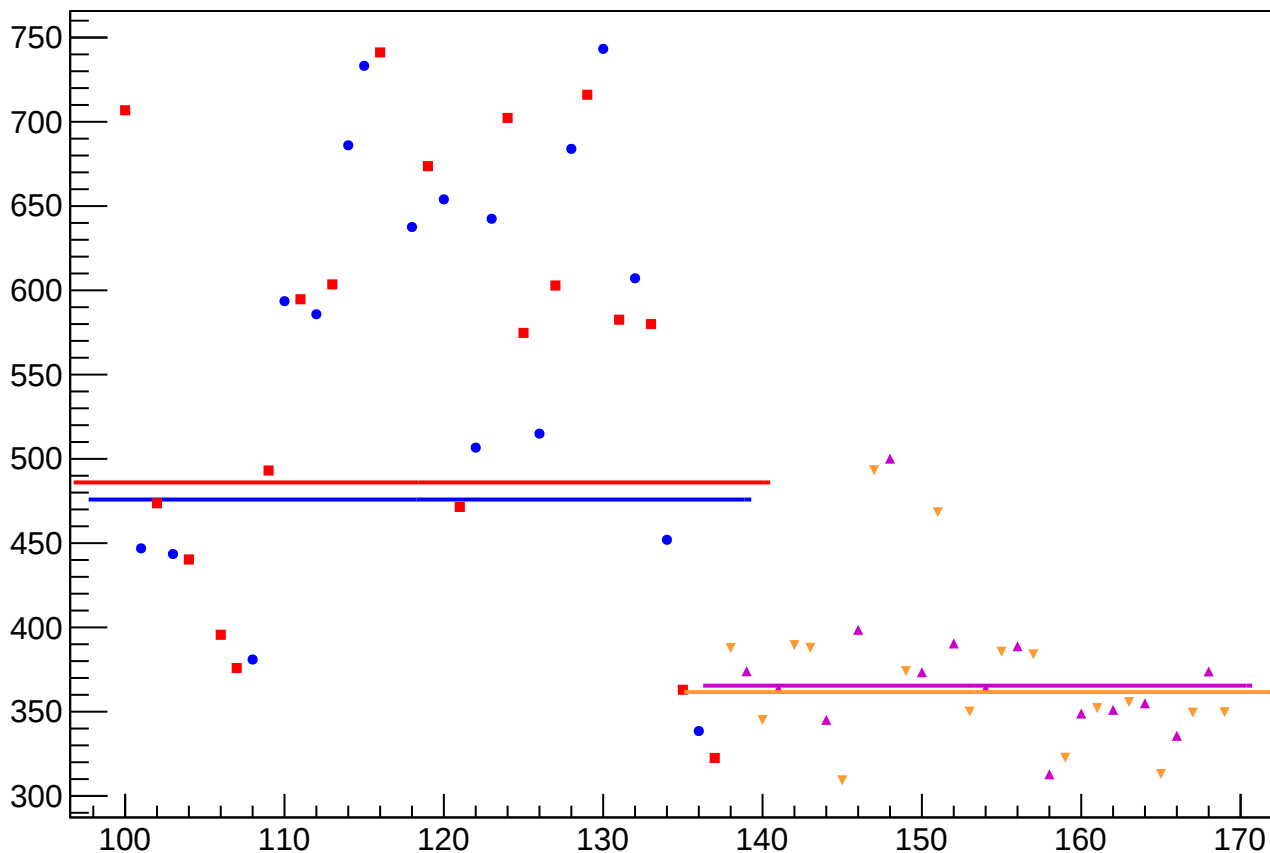
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -194.415 $\pm$ 93.283 χ^2 /NDF:40.0/31

Out: -160.088 $\pm$ 89.371 χ^2 /NDF:38.0/35

All: -176.517 $\pm$ 64.533 χ^2 /NDF: 78.1/67

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: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 365.444+/-0.076 χ^2/NDF : 209998.9/14

Left: 363.434+/-0.052 χ^2/NDF : 542202.6/31

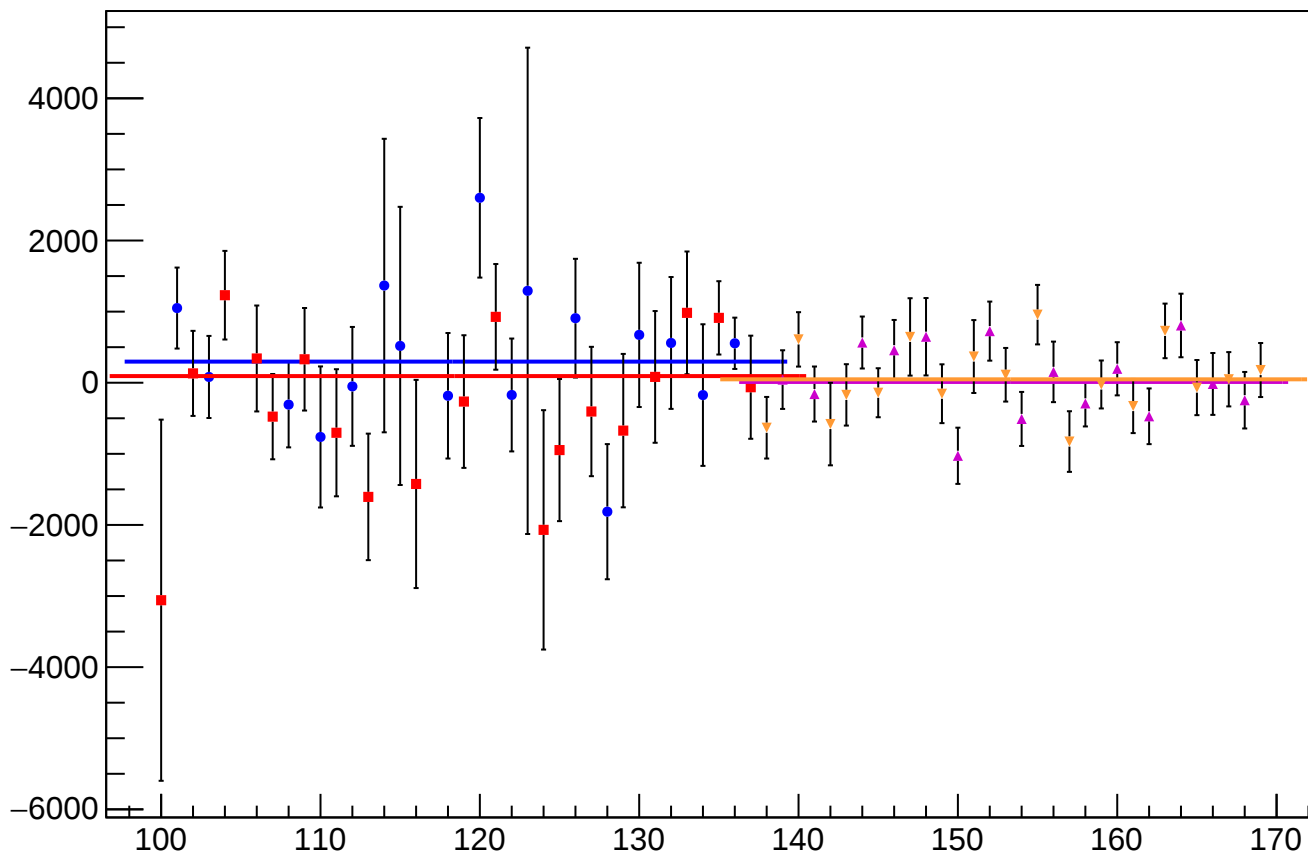
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 392.093+/-0.066 χ^2/NDF : 1560953.9/31

Out: 389.939+/-0.063 χ^2/NDF : 1742184.7/35

All: 390.970+/-0.046 χ^2/NDF : 3303694.5/67

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: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

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

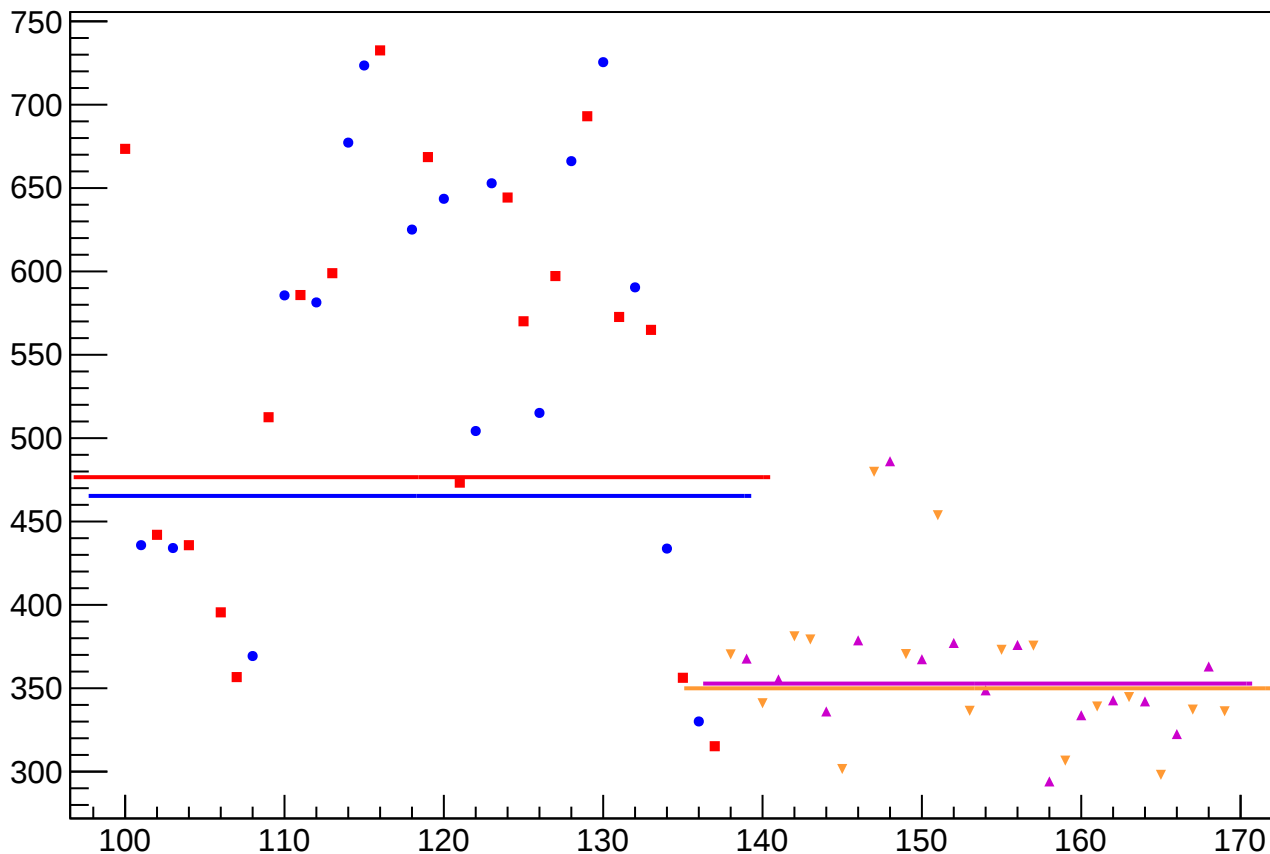
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 78.661 $\pm$ 90.424 χ^2 /NDF:40.7/31

Out: 58.033 $\pm$ 86.824 χ^2 /NDF:41.7/35

All: 67.929 $\pm$ 62.628 χ^2 /NDF: 82.4/67

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: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

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

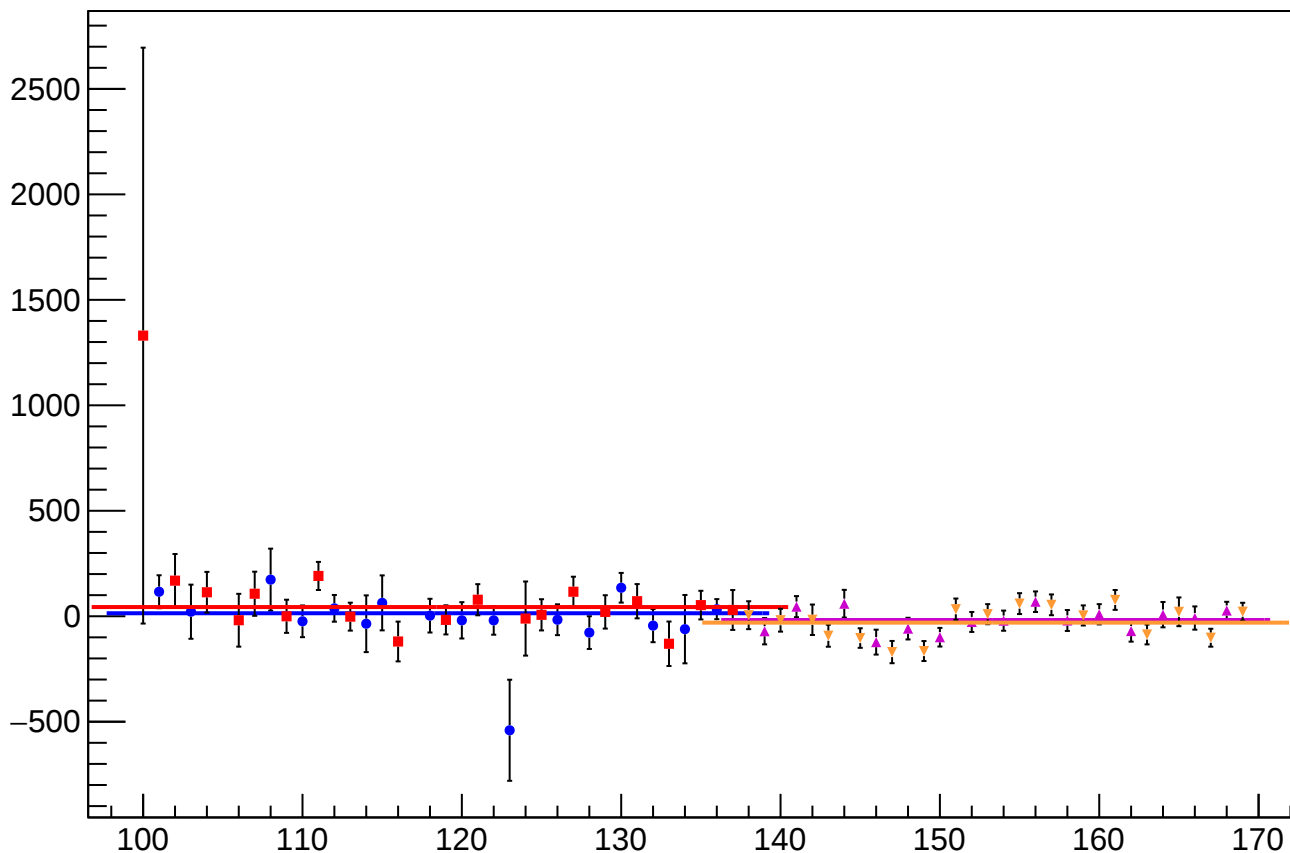
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 379.408 $\pm$ 0.064 χ^2 /NDF: 1654236.6/31

Out: 378.180 $\pm$ 0.061 χ^2 /NDF: 1842239.1/35

All: 378.769 $\pm$ 0.044 χ^2 /NDF: 3496667.4/67

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -30.245 ± 12.194 χ^2/NDF : 40.0/16

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -17.897 ± 13.137 χ^2/NDF : 16.9/14

Left: -24.530 ± 8.937 χ^2/NDF : 57.4/31

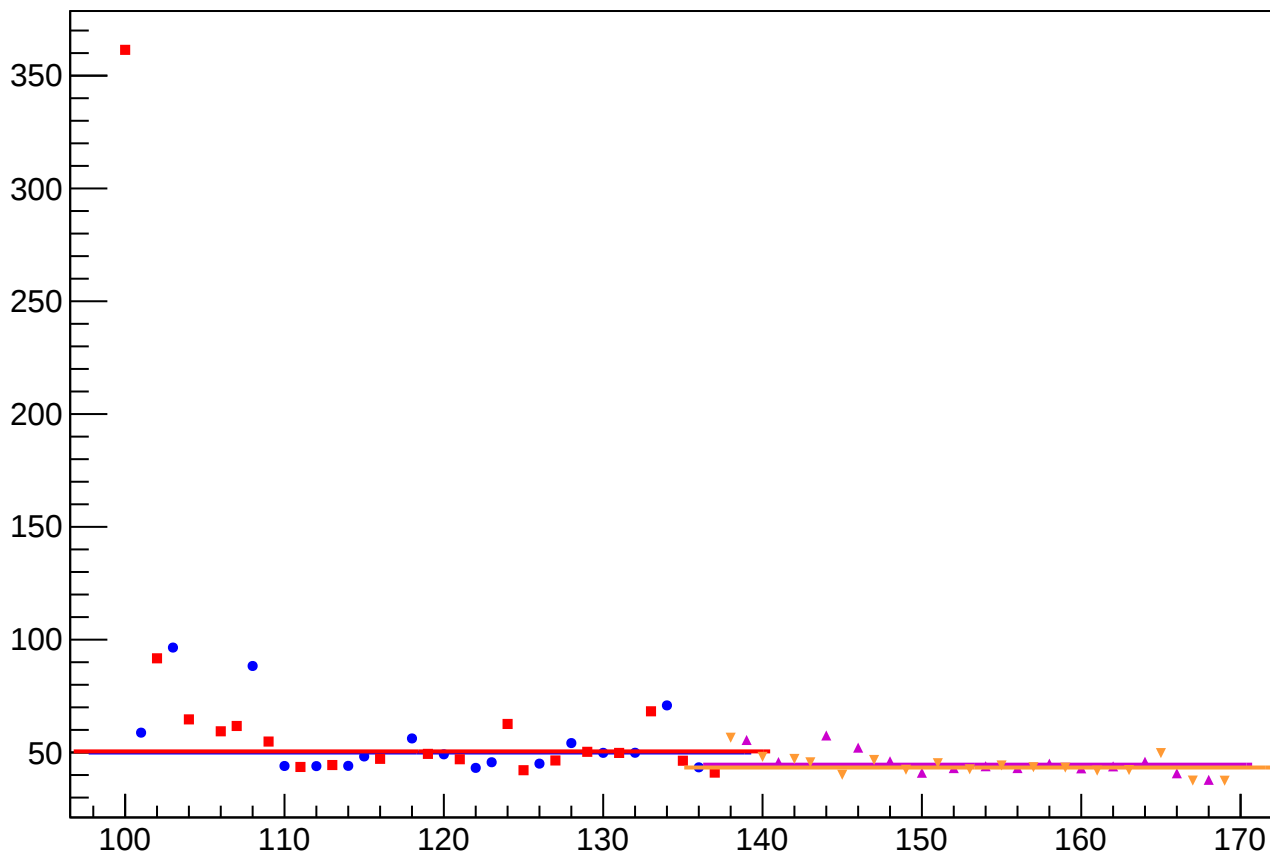
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -8.116 ± 10.958 χ^2/NDF : 33.5/31

Out: -9.710 ± 10.361 χ^2/NDF : 67.3/35

All: -8.958 ± 7.528 χ^2/NDF : 100.8/67

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 ± 0.014 $\chi^2/\text{NDF}: 578750.7/16$

Left Out: 43.328 ± 0.009 $\chi^2/\text{NDF}: 223001.4/16$

Right Out: 50.472 ± 0.014 $\chi^2/\text{NDF}: 571294.5/18$

Left In: 44.585 ± 0.009 $\chi^2/\text{NDF}: 258283.3/14$

Left: 43.910 ± 0.006 $\chi^2/\text{NDF}: 491118.3/31$

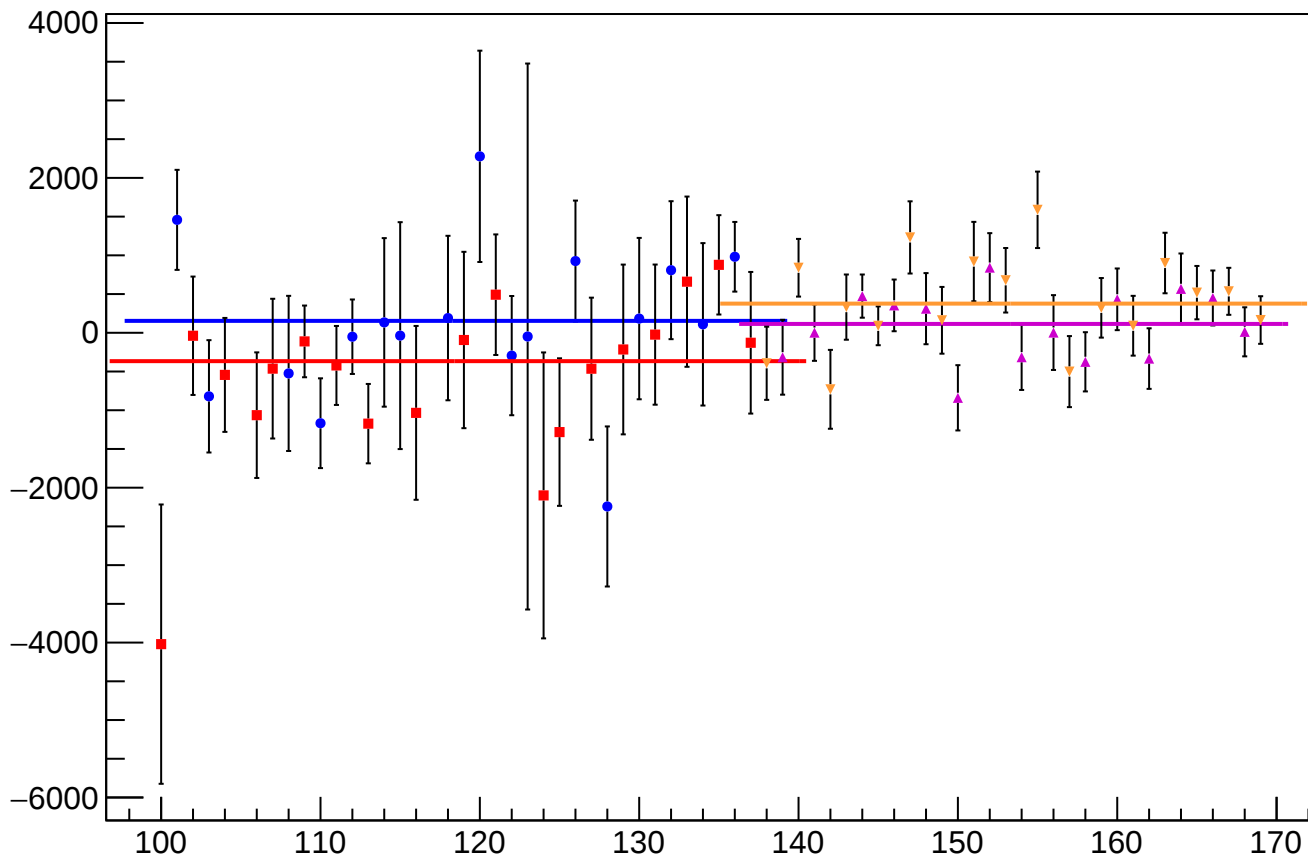
Right: 50.225 ± 0.010 $\chi^2/\text{NDF}: 1150683.7/35$

In: 46.224 ± 0.008 $\chi^2/\text{NDF}: 939391.3/31$

Out: 45.315 ± 0.007 $\chi^2/\text{NDF}: 985195.7/35$

All: 45.744 ± 0.005 $\chi^2/\text{NDF}: 1931859.9/67$

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 ± 189.963 $\chi^2/\text{NDF}: 24.8/16$

Left Out: 376.603 ± 93.076 $\chi^2/\text{NDF}: 28.5/16$

Right Out: -366.276 ± 178.907 $\chi^2/\text{NDF}: 16.2/18$

Left In: 114.349 ± 99.341 $\chi^2/\text{NDF}: 17.7/14$

Left: 254.006 ± 67.922 $\chi^2/\text{NDF}: 49.9/31$

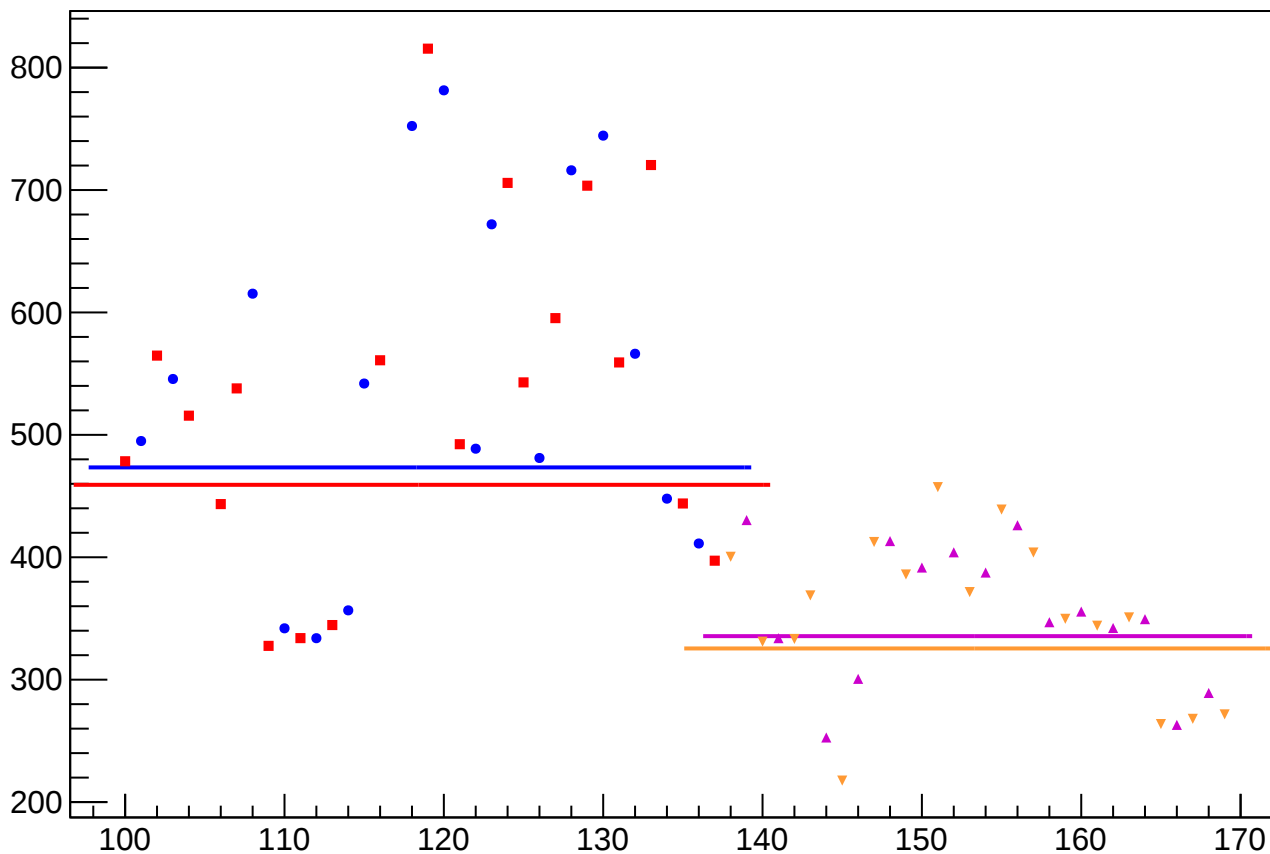
Right: -121.792 ± 130.240 $\chi^2/\text{NDF}: 45.0/35$

In: 122.830 ± 88.031 $\chi^2/\text{NDF}: 42.5/31$

Out: 218.365 ± 82.570 $\chi^2/\text{NDF}: 58.2/35$

All: 173.652 ± 60.224 $\chi^2/\text{NDF}: 101.4/67$

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: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 335.567+/-0.070 χ^2/NDF : 651326.5/14

Left: 330.209+/-0.048 χ^2/NDF : 1754177.0/31

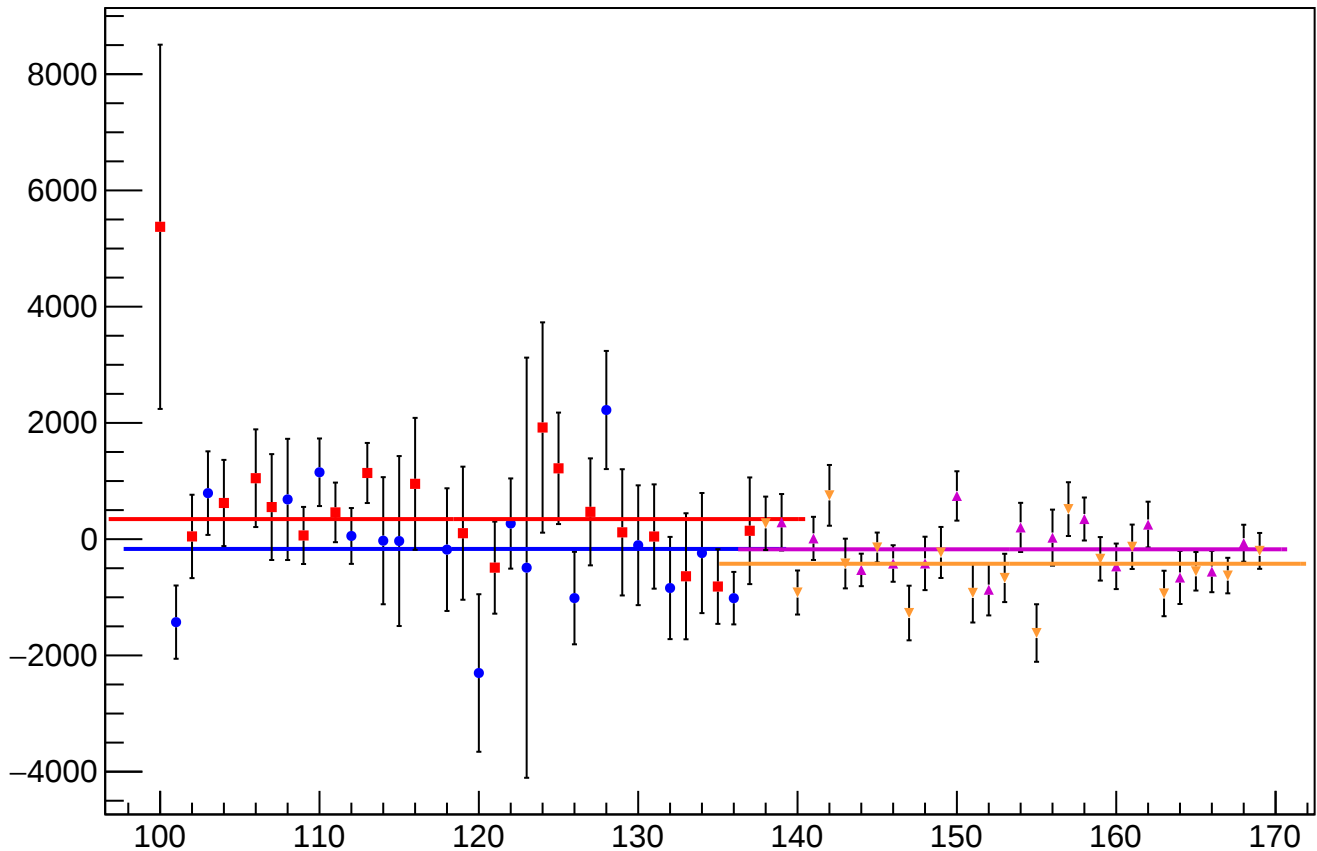
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 365.168+/-0.062 χ^2/NDF : 2393143.7/31

Out: 353.979+/-0.058 χ^2/NDF : 2977115.2/35

All: 359.215+/-0.043 χ^2/NDF : 5387448.1/67

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -423.015+/-93.274 χ^2/NDF : 28.4/16

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -174.300+/-98.713 χ^2/NDF : 17.9/14

Left: -305.699+/-67.796 χ^2/NDF : 49.6/31

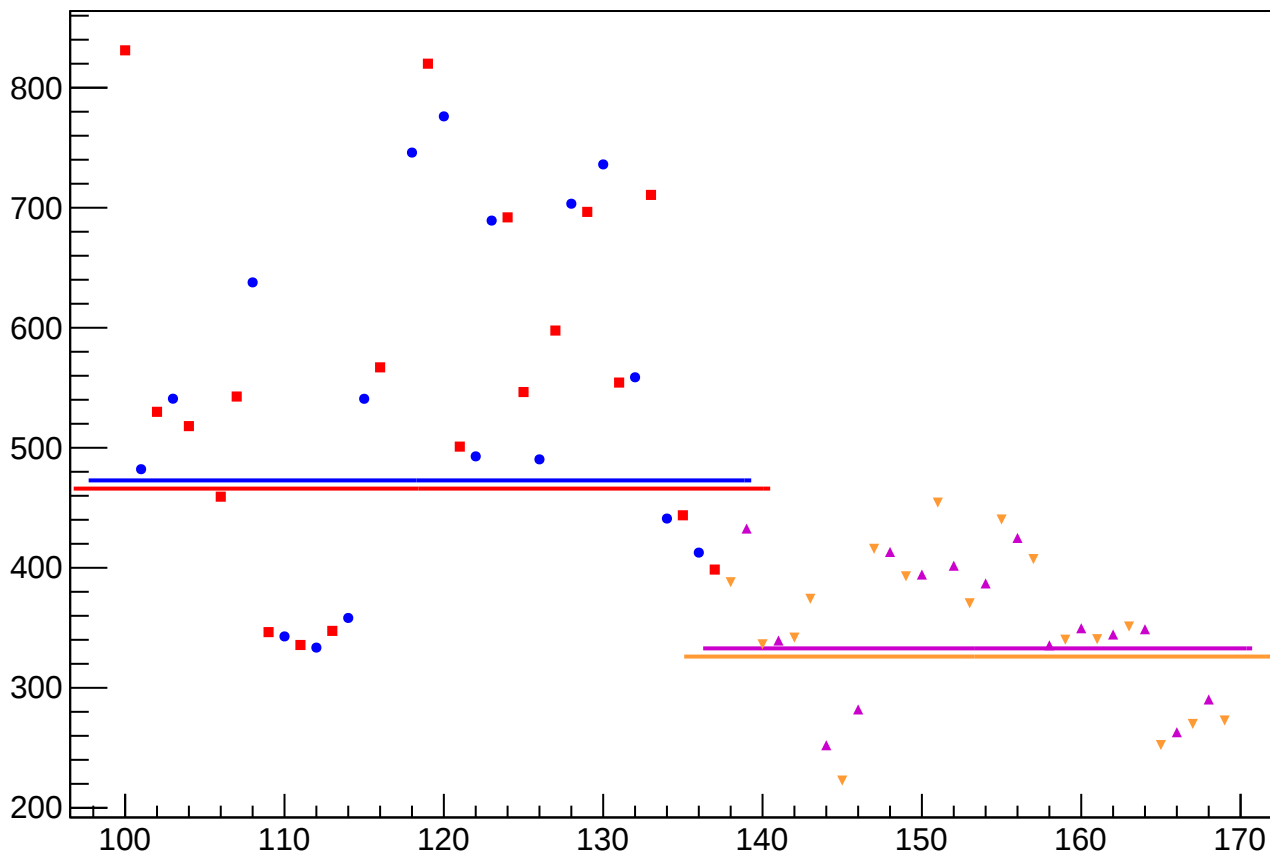
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -172.969+/-87.573 χ^2/NDF : 43.3/31

Out: -262.116+/-82.937 χ^2/NDF : 56.3/35

All: -219.965+/-60.217 χ^2/NDF : 100.2/67

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: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

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

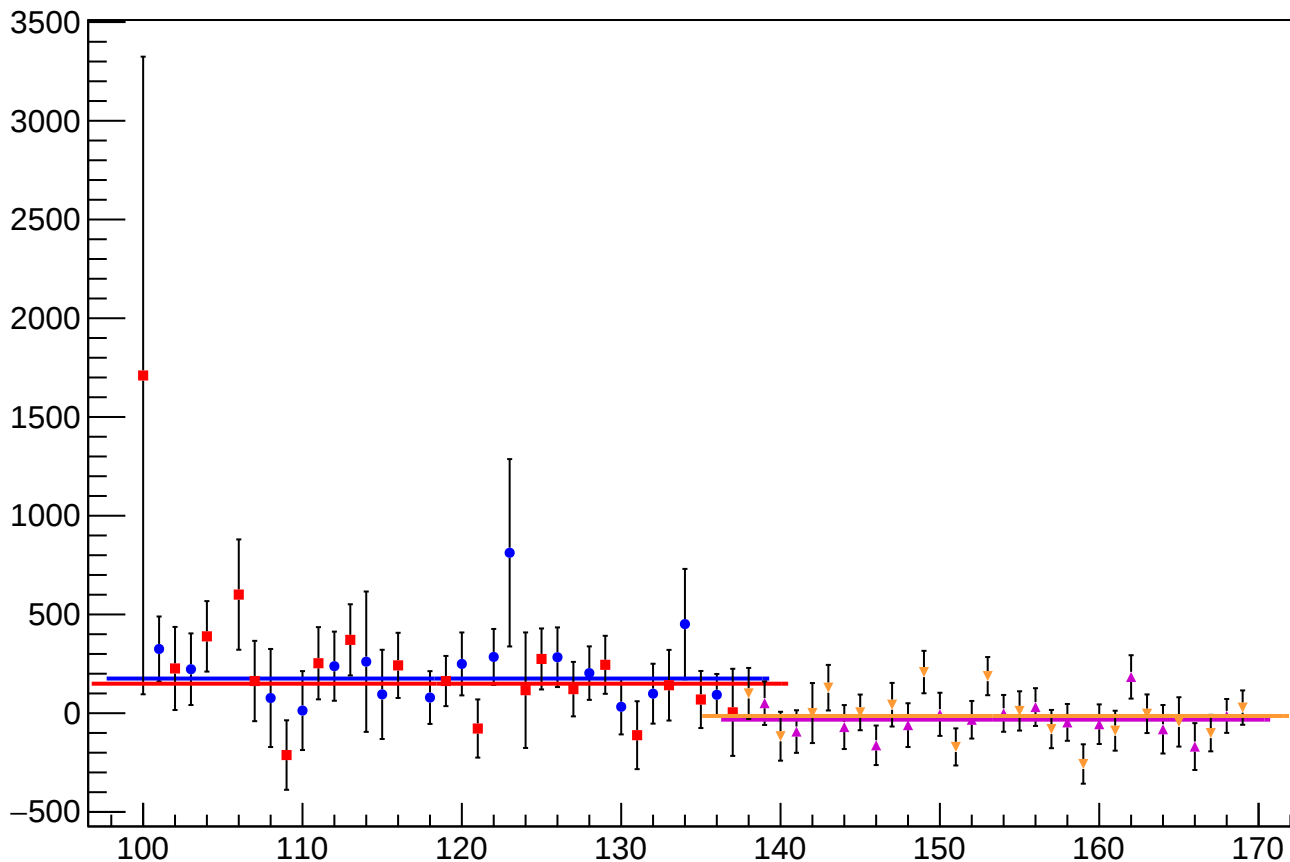
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 362.675 $\pm$ 0.062 χ^2/NDF :2435334.2/31

Out: 355.343 $\pm$ 0.059 χ^2/NDF :2950186.3/35

All: 358.810 $\pm$ 0.043 χ^2/NDF : 5392909.4/67

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -14.029 $\pm$ 25.162 χ^2 /NDF:23.0/16

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -32.699 $\pm$ 26.544 χ^2 /NDF:8.8/14

Left: -22.865 $\pm$ 18.261 χ^2 /NDF: 32.1/31

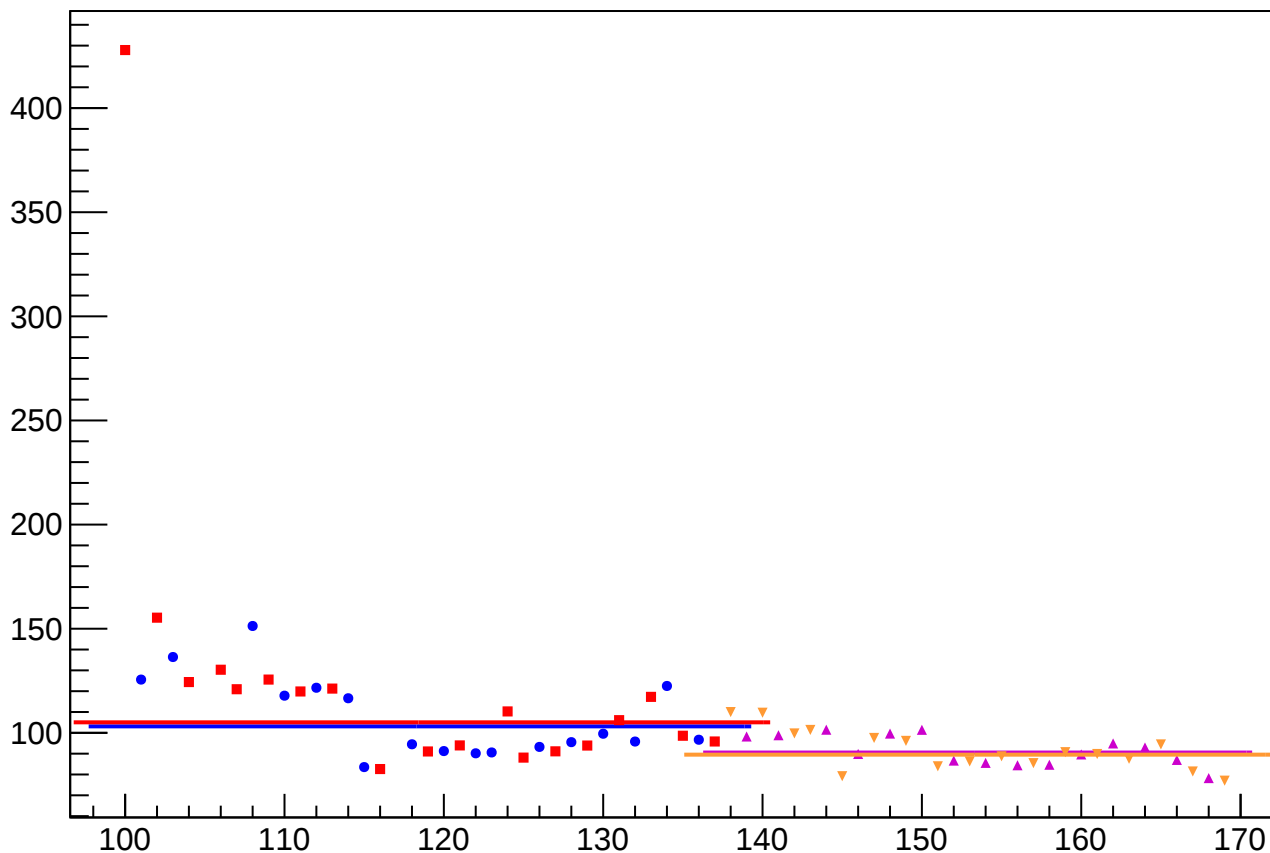
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 30.158 $\pm$ 22.177 χ^2 /NDF:36.0/31

Out: 31.786 $\pm$ 21.346 χ^2 /NDF:53.2/35

All: 31.003 $\pm$ 15.380 χ^2 /NDF: 89.2/67

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: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

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

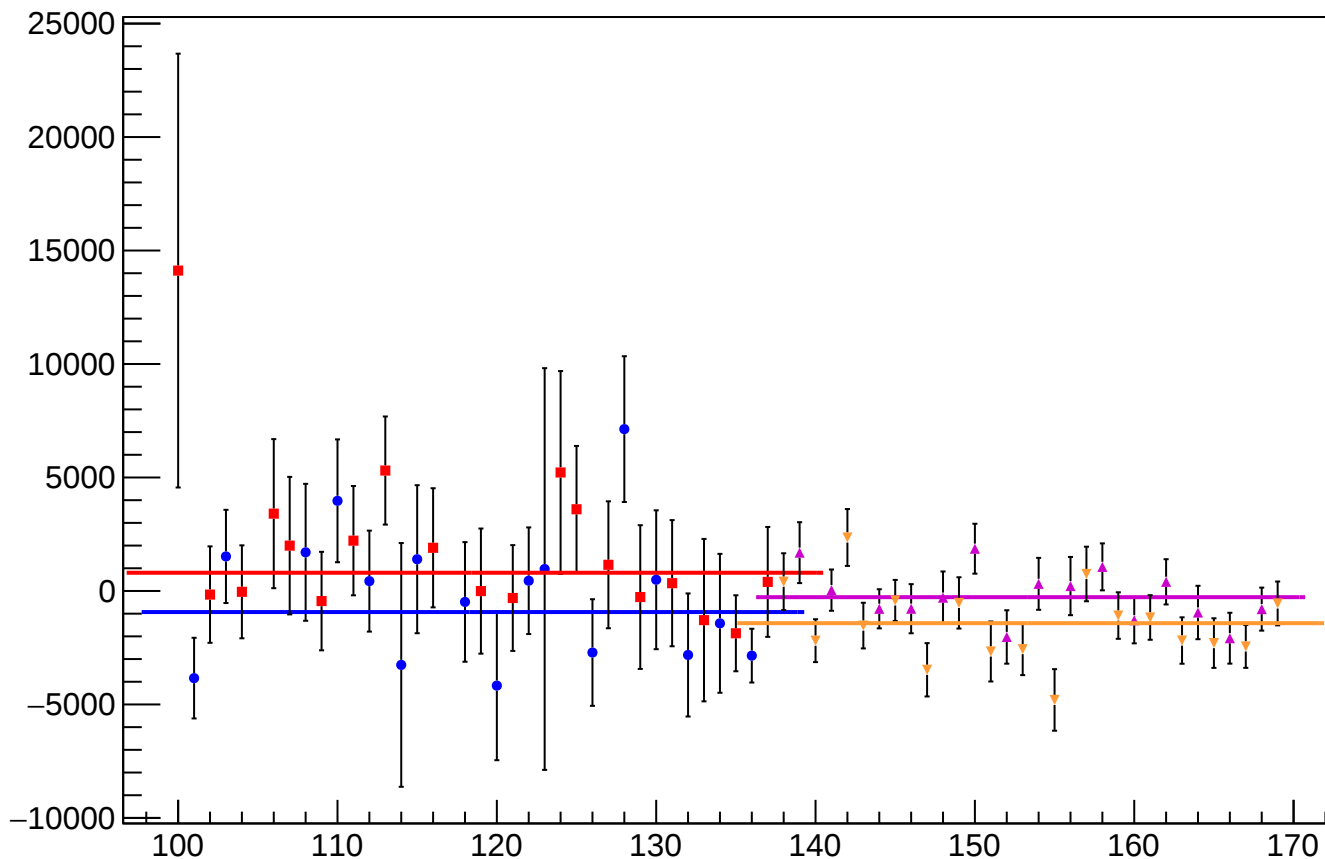
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 94.336 $\pm$ 0.016 χ^2 /NDF: 588356.2/31

Out: 93.874 $\pm$ 0.015 χ^2 /NDF: 913588.8/35

All: 94.096 $\pm$ 0.011 χ^2 /NDF: 1502395.5/67

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -1418.909 ± 261.157 $\chi^2/\text{NDF}: 31.5/16$

Right Out: 802.855 ± 593.810 $\chi^2/\text{NDF}: 12.9/18$

Left In: -272.992 ± 275.514 $\chi^2/\text{NDF}: 15.6/14$

Left: -876.583 ± 189.538 $\chi^2/\text{NDF}: 56.2/31$

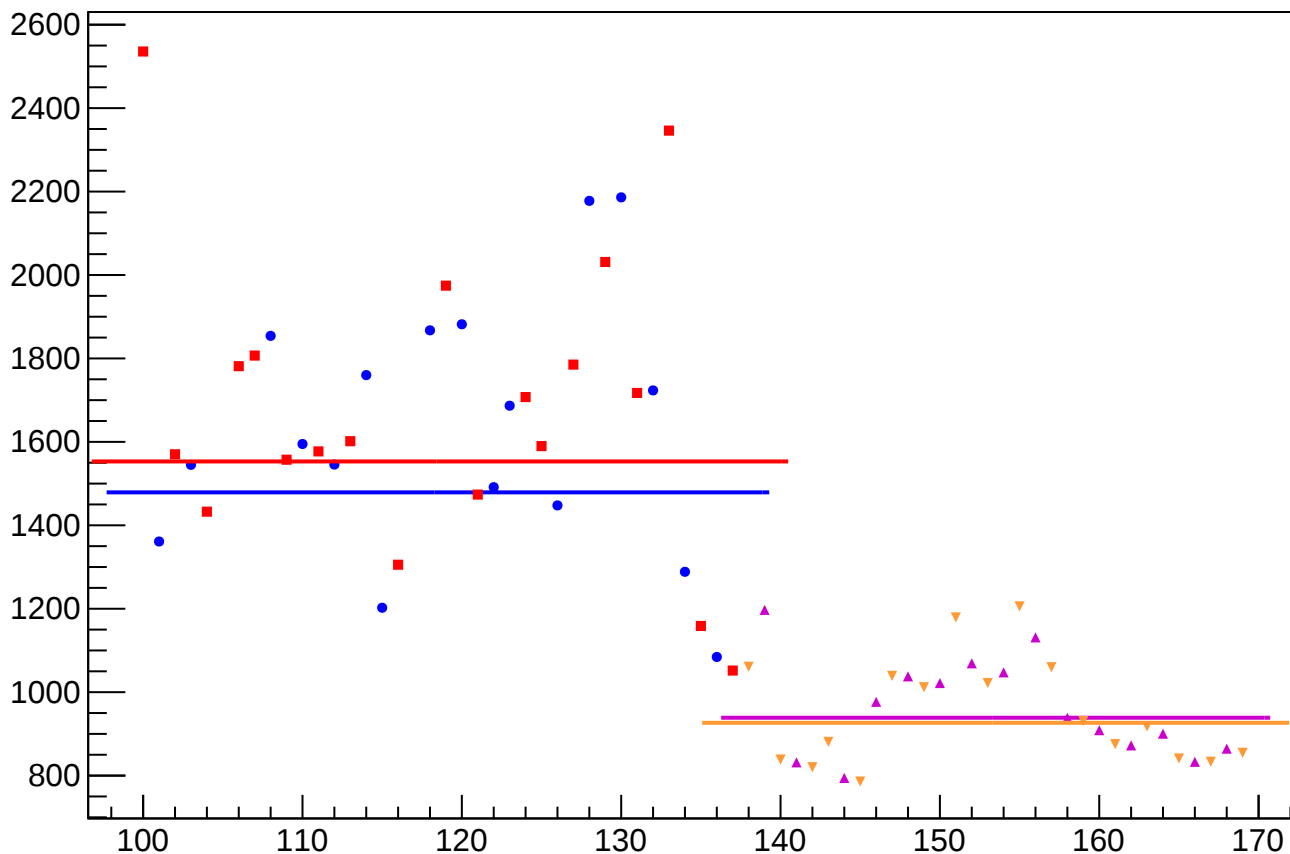
Right: -73.074 ± 417.447 $\chi^2/\text{NDF}: 38.0/35$

In: -391.419 ± 249.406 $\chi^2/\text{NDF}: 37.5/31$

Out: -1058.818 ± 239.059 $\chi^2/\text{NDF}: 56.1/35$

All: -739.249 ± 172.582 $\chi^2/\text{NDF}: 97.3/67$

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: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

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

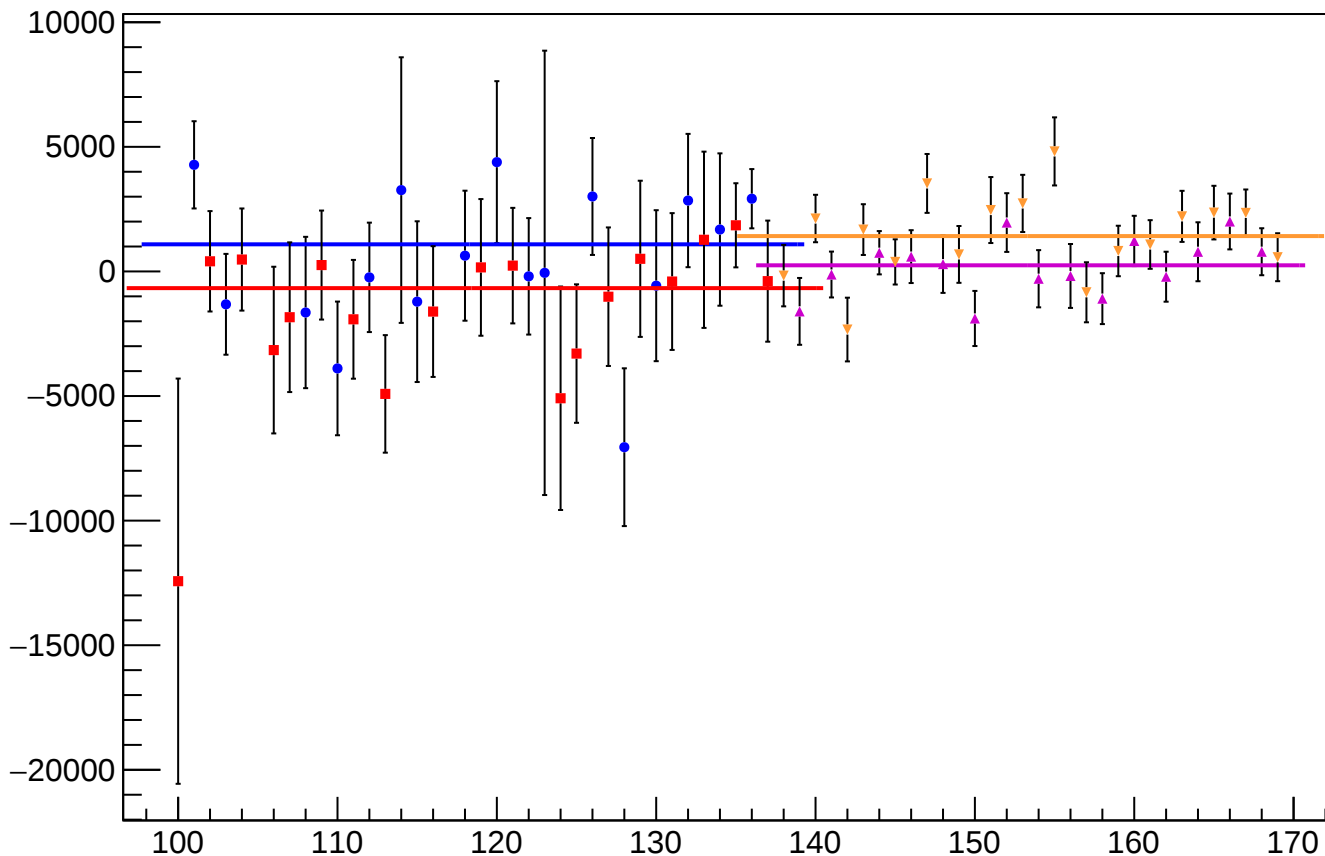
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 1036.288 $\pm$ 0.176 χ^2 /NDF: 2294999.5/31

Out: 1028.142 $\pm$ 0.169 χ^2 /NDF: 2730788.3/35

All: 1032.043 $\pm$ 0.122 χ^2 /NDF: 5026899.5/67

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: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

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

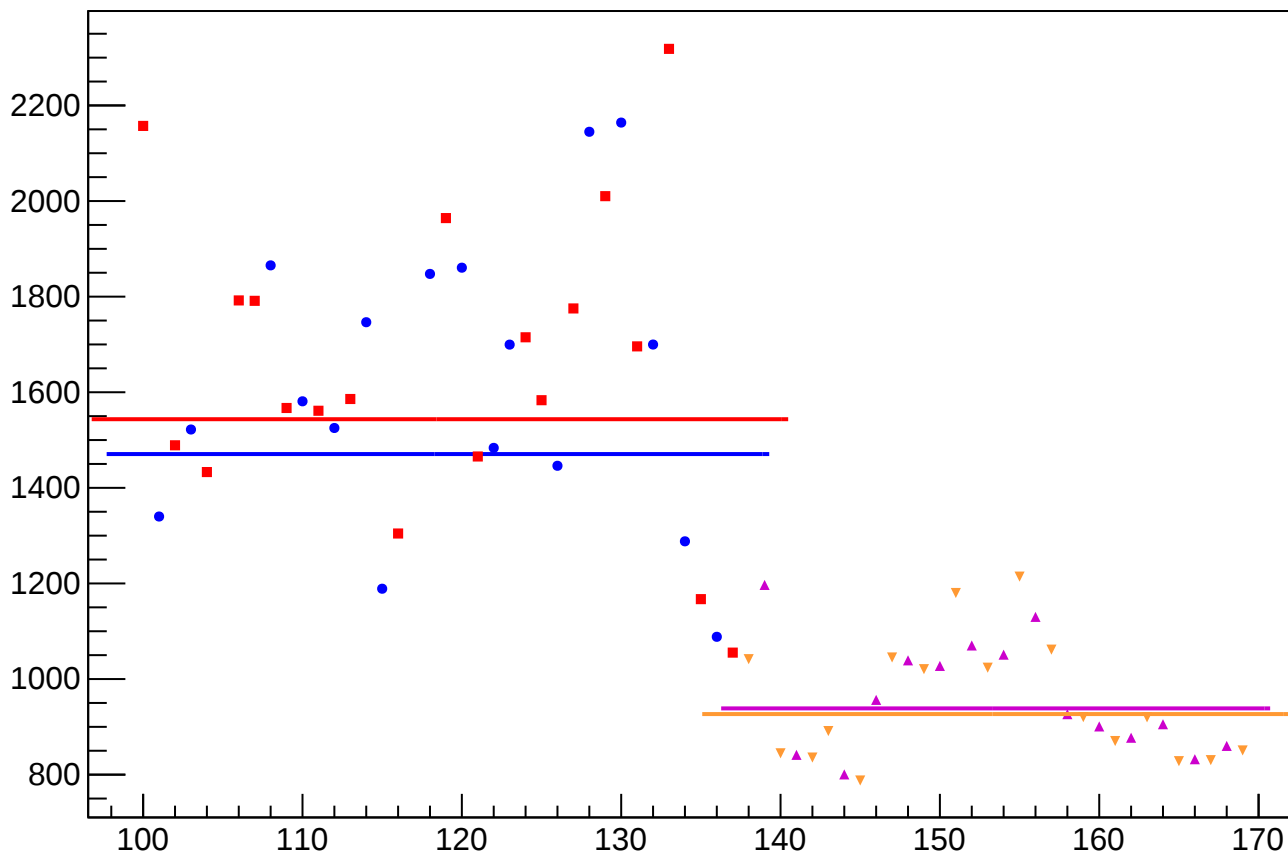
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 399.476 $\pm$ 249.102 χ^2 /NDF:38.1/31

Out: 1076.052 $\pm$ 238.923 χ^2 /NDF:53.5/35

All: 751.870 $\pm$ 172.430 χ^2 /NDF: 95.5/67

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: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

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

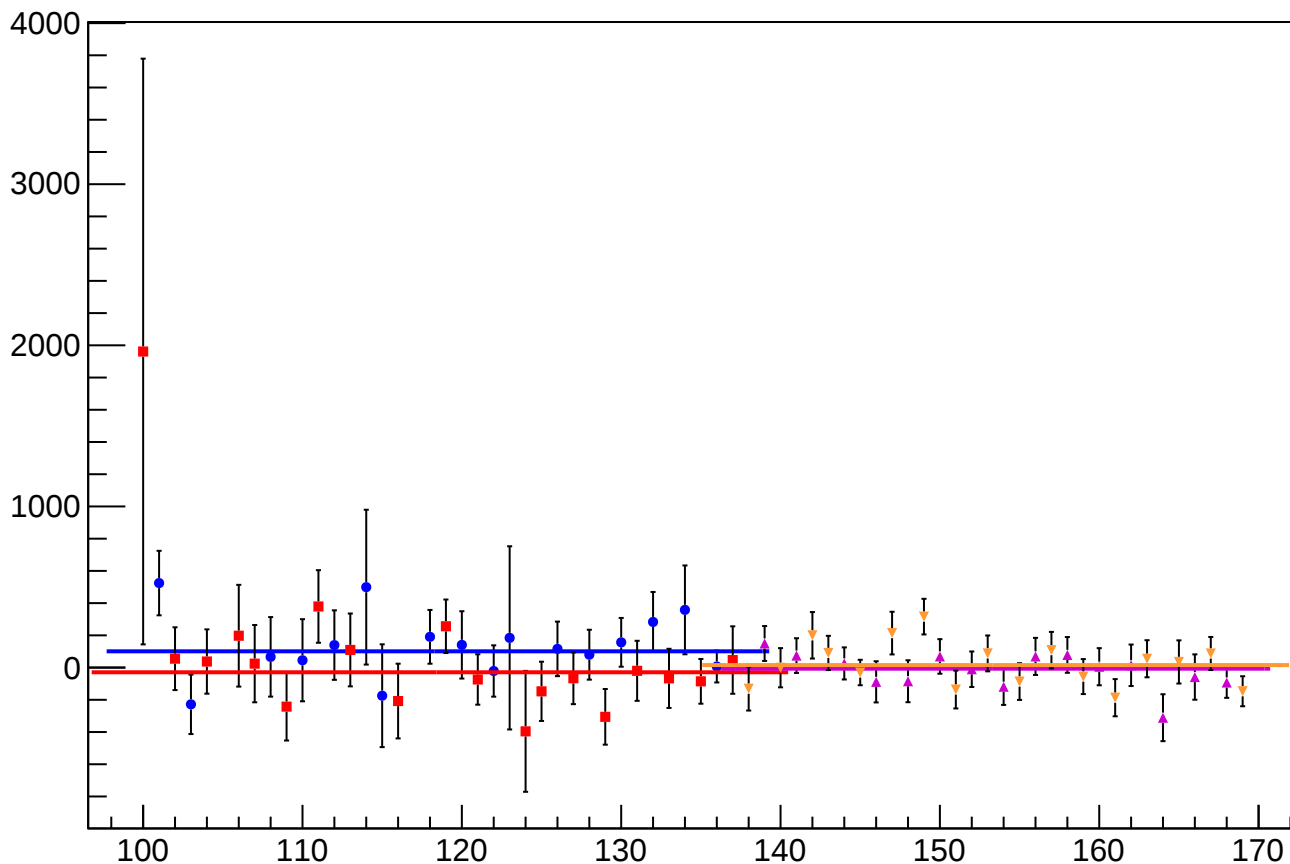
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1035.633 $\pm$ 0.176 χ^2 /NDF: 2236636.6/31

Out: 1027.898 $\pm$ 0.169 χ^2 /NDF: 2665673.3/35

All: 1031.604 $\pm$ 0.122 χ^2 /NDF: 4903314.3/67

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: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

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

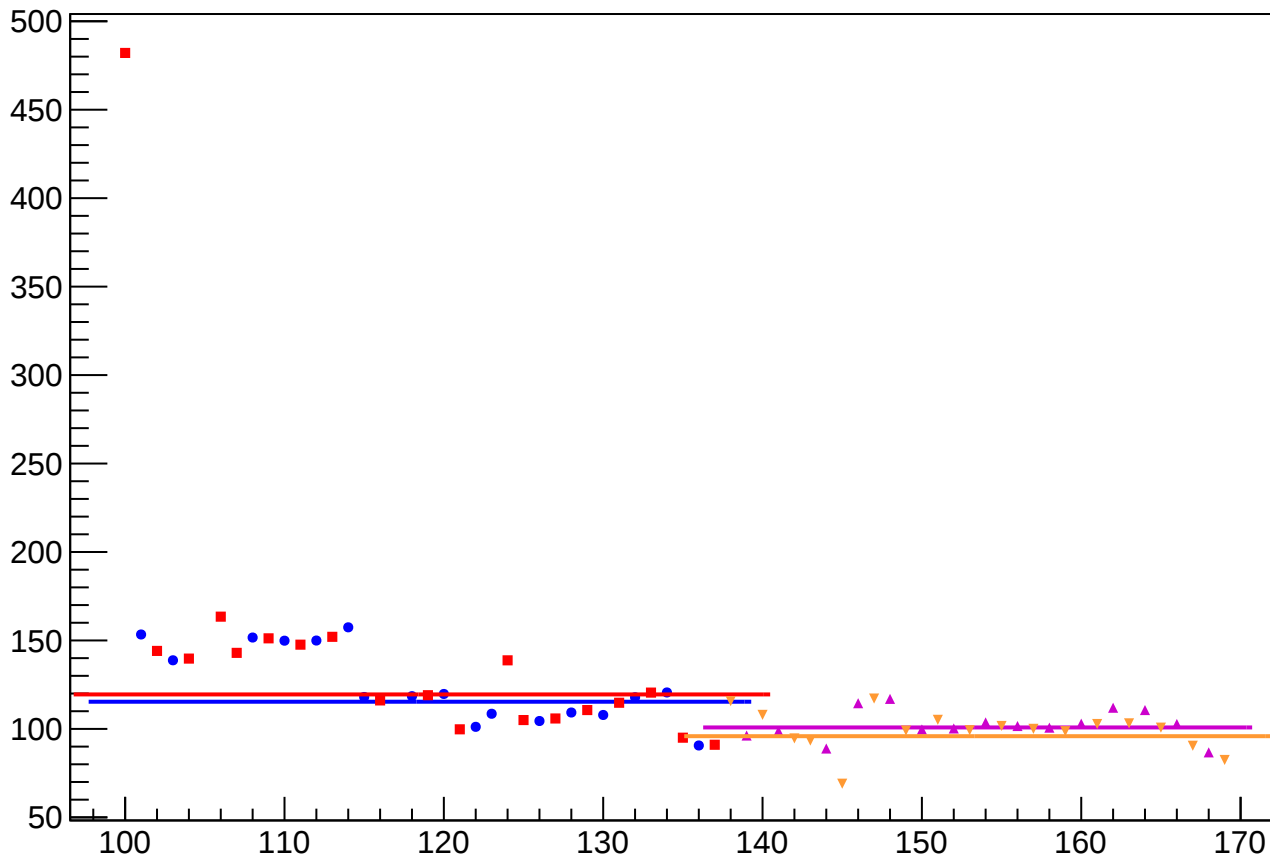
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 25.409 $\pm$ 24.777 χ^2 /NDF:28.4/31

Out: 3.935 $\pm$ 23.273 χ^2 /NDF:39.5/35

All: 14.001 $\pm$ 16.963 χ^2 /NDF: 68.3/67

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 ± 0.032 χ^2/NDF : 411362.6/16

Left Out: 95.885 ± 0.019 χ^2/NDF : 436689.8/16

Right Out: 119.492 ± 0.032 χ^2/NDF : 477965.0/18

Left In: 100.828 ± 0.021 χ^2/NDF : 157368.3/14

Left: 98.134 ± 0.014 χ^2/NDF : 624457.8/31

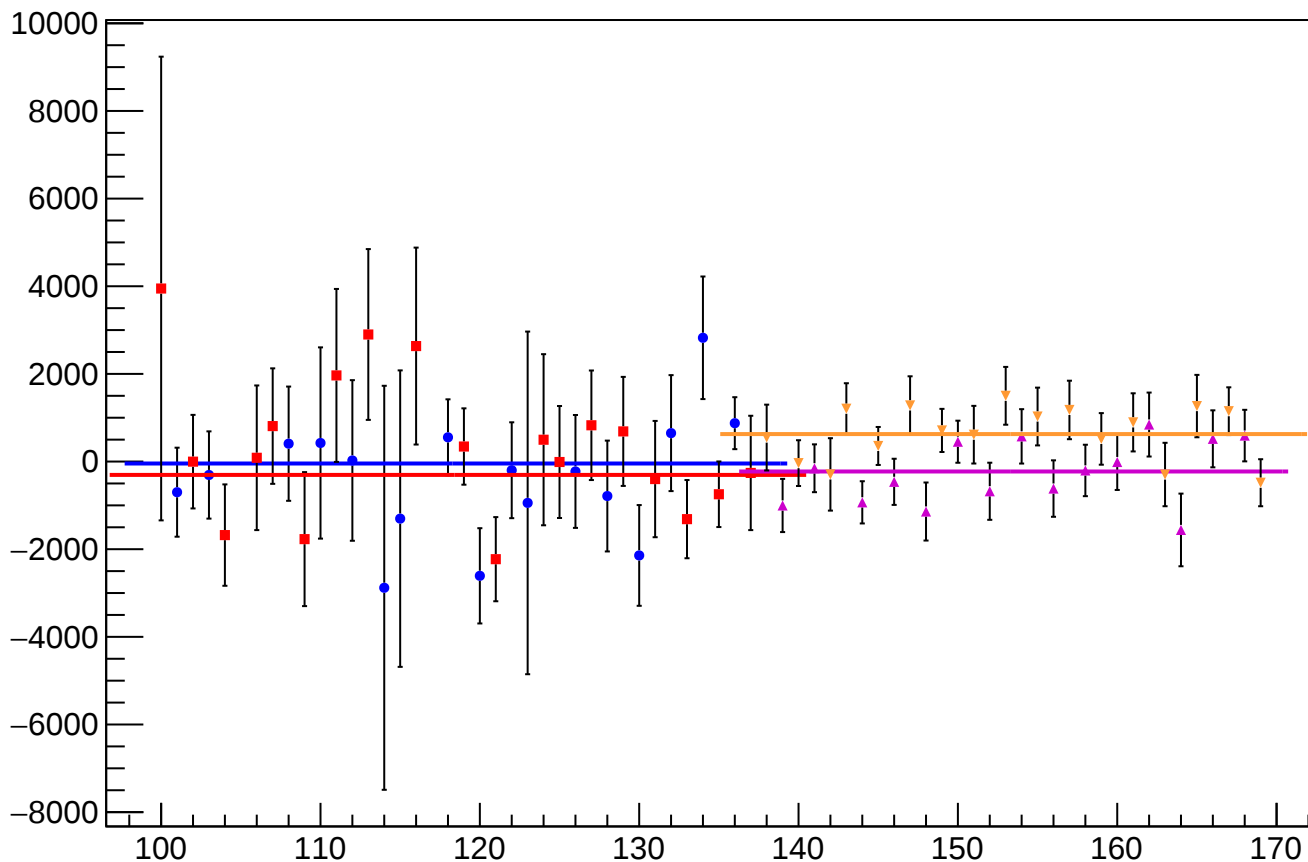
Right: 117.411 ± 0.023 χ^2/NDF : 897552.7/35

In: 105.180 ± 0.018 χ^2/NDF : 713165.9/31

Out: 102.009 ± 0.016 χ^2/NDF : 1309984.7/35

All: 103.495 ± 0.012 χ^2/NDF : 2040563.5/67

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: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -226.706 ± 154.429 $\chi^2/\text{NDF}: 18.5/14$

Left: 222.718 ± 106.264 $\chi^2/\text{NDF}: 50.5/31$

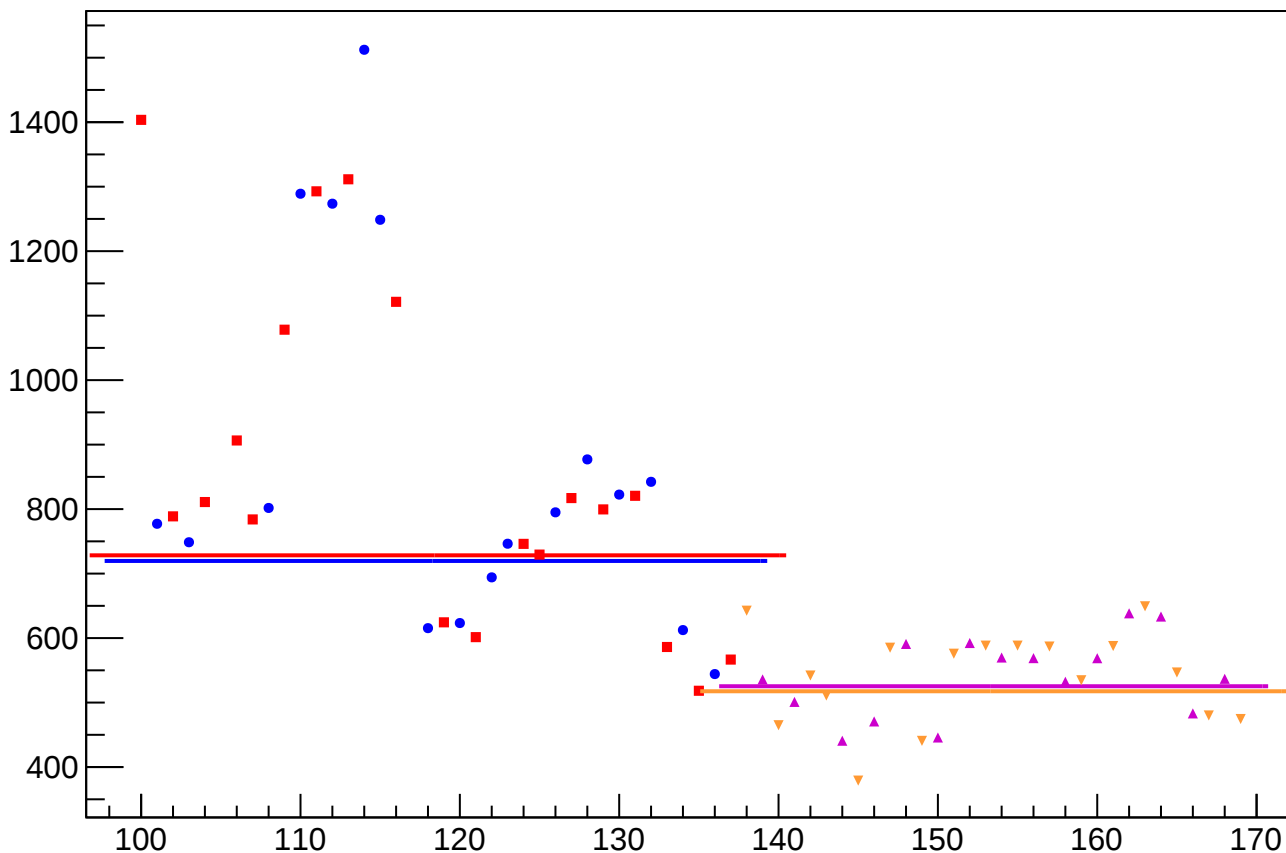
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -185.650 ± 135.915 $\chi^2/\text{NDF}: 36.7/31$

Out: 429.774 ± 130.036 $\chi^2/\text{NDF}: 41.9/35$

All: 135.660 ± 93.959 $\chi^2/\text{NDF}: 89.3/67$

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: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

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

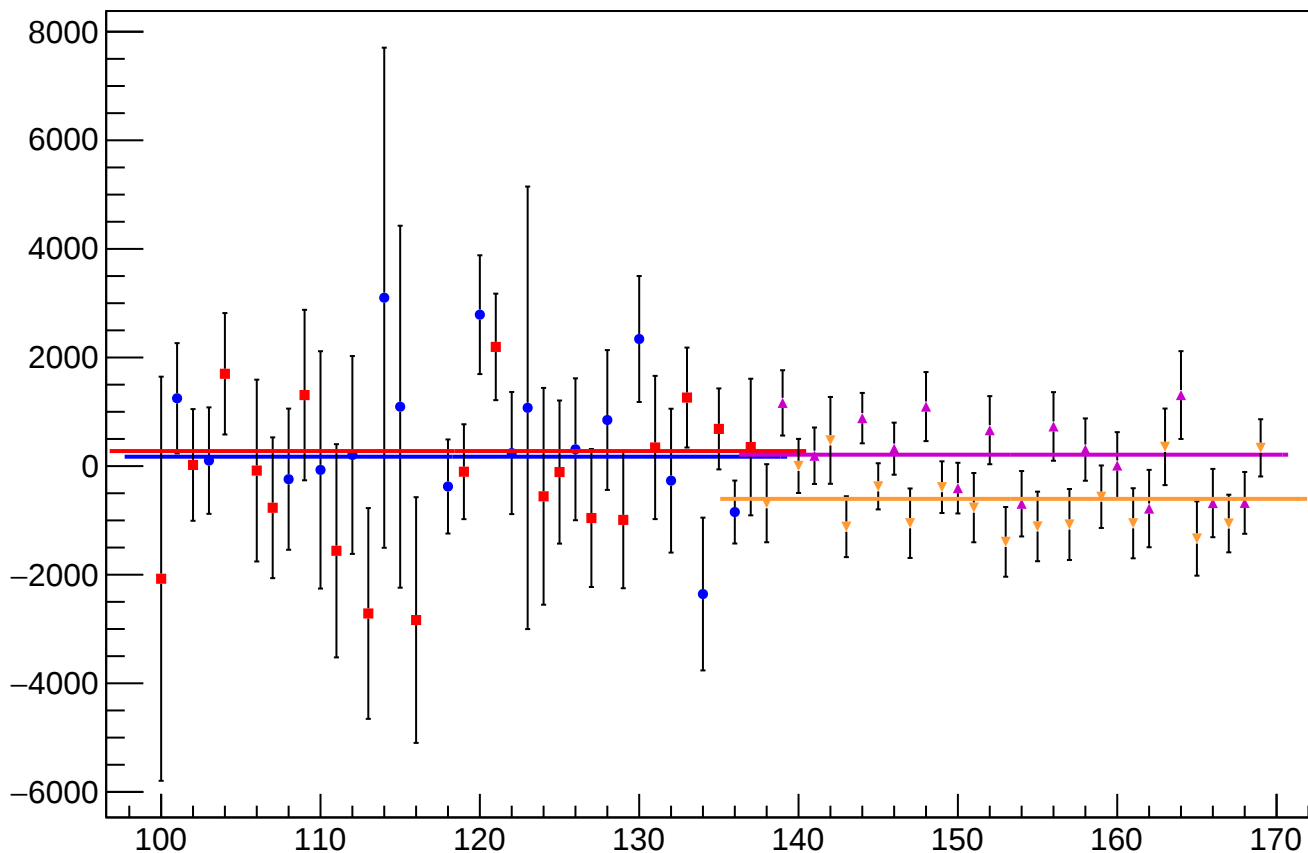
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 569.116 $\pm$ 0.096 χ^2 /NDF: 1763870.4/31

Out: 562.130 $\pm$ 0.092 χ^2 /NDF: 2341460.1/35

All: 565.469 $\pm$ 0.066 χ^2 /NDF: 4108089.3/67

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: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

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

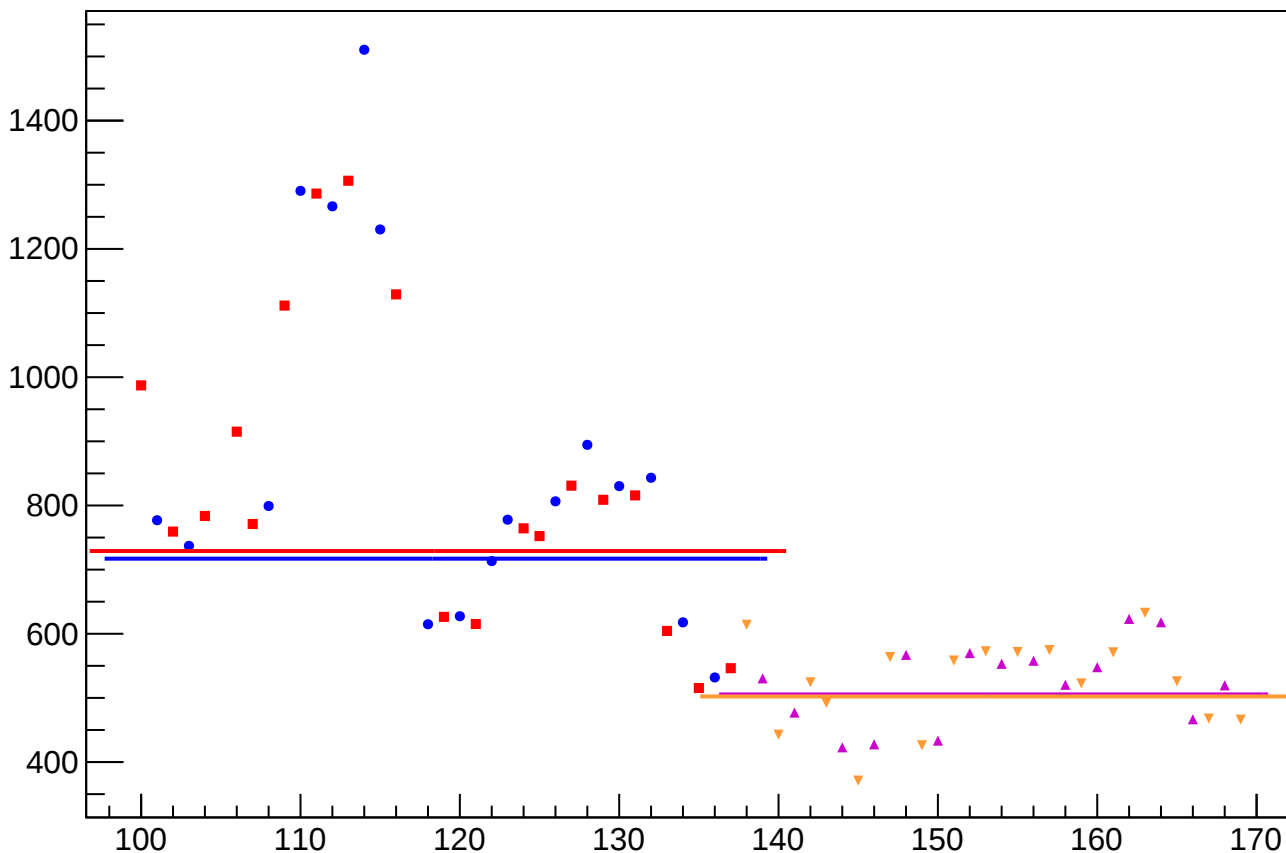
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 202.166 $\pm$ 132.016 χ^2 /NDF:38.3/31

Out: -425.615 $\pm$ 126.996 χ^2 /NDF:39.0/35

All: -123.887 $\pm$ 91.523 χ^2 /NDF: 89.0/67

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 502.261 $\pm$ 0.101 χ^2 /NDF: 540578.4/16

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 505.444 $\pm$ 0.105 χ^2 /NDF: 352199.2/14

Left: 503.779 $\pm$ 0.073 χ^2 /NDF: 893255.8/31

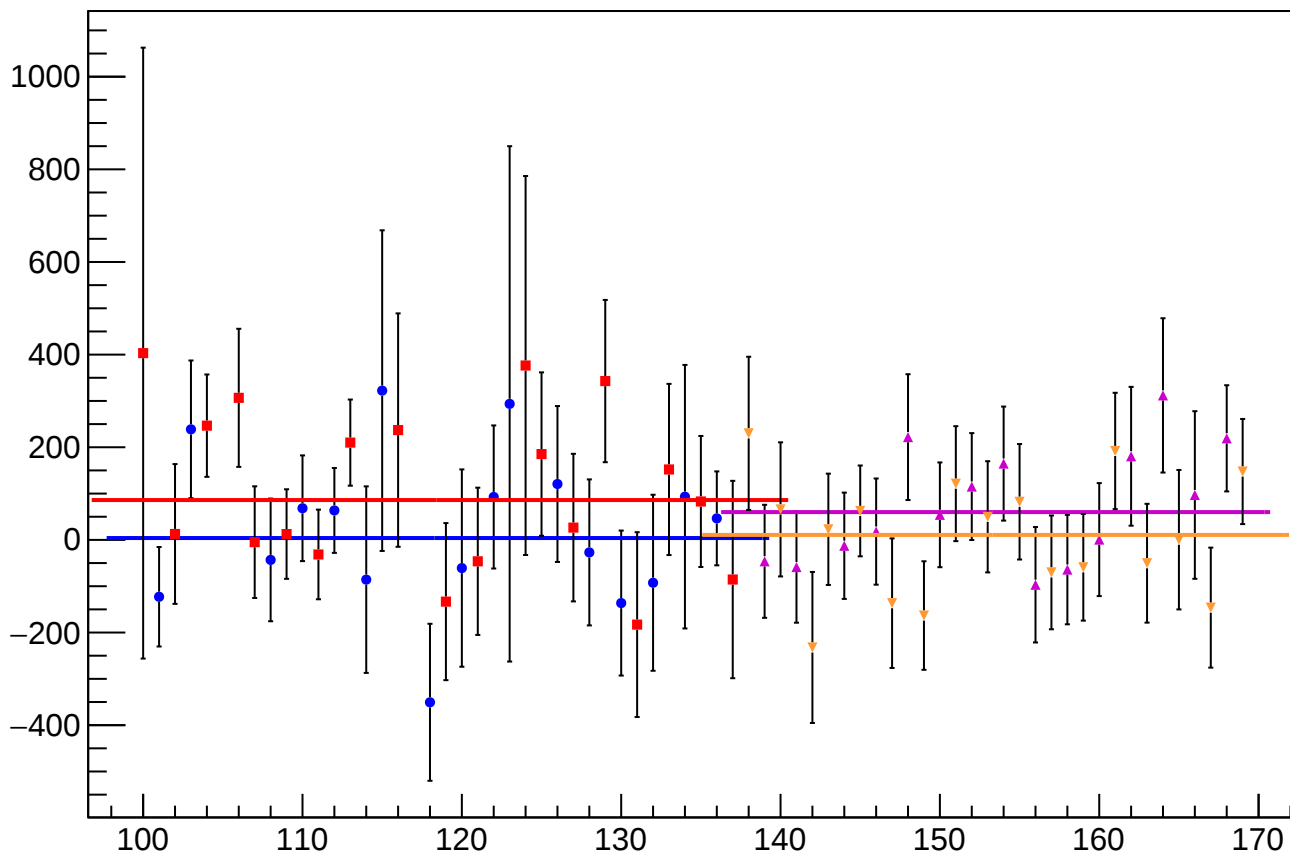
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 550.641 $\pm$ 0.093 χ^2 /NDF: 1997925.3/31

Out: 548.007 $\pm$ 0.090 χ^2 /NDF: 2457991.5/35

All: 549.273 $\pm$ 0.065 χ^2 /NDF: 4456330.3/67

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 10.744 ± 30.639 $\chi^2/\text{NDF}: 15.0/16$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 60.025 ± 32.403 $\chi^2/\text{NDF}: 12.5/14$

Left: 34.006 ± 22.263 $\chi^2/\text{NDF}: 28.7/31$

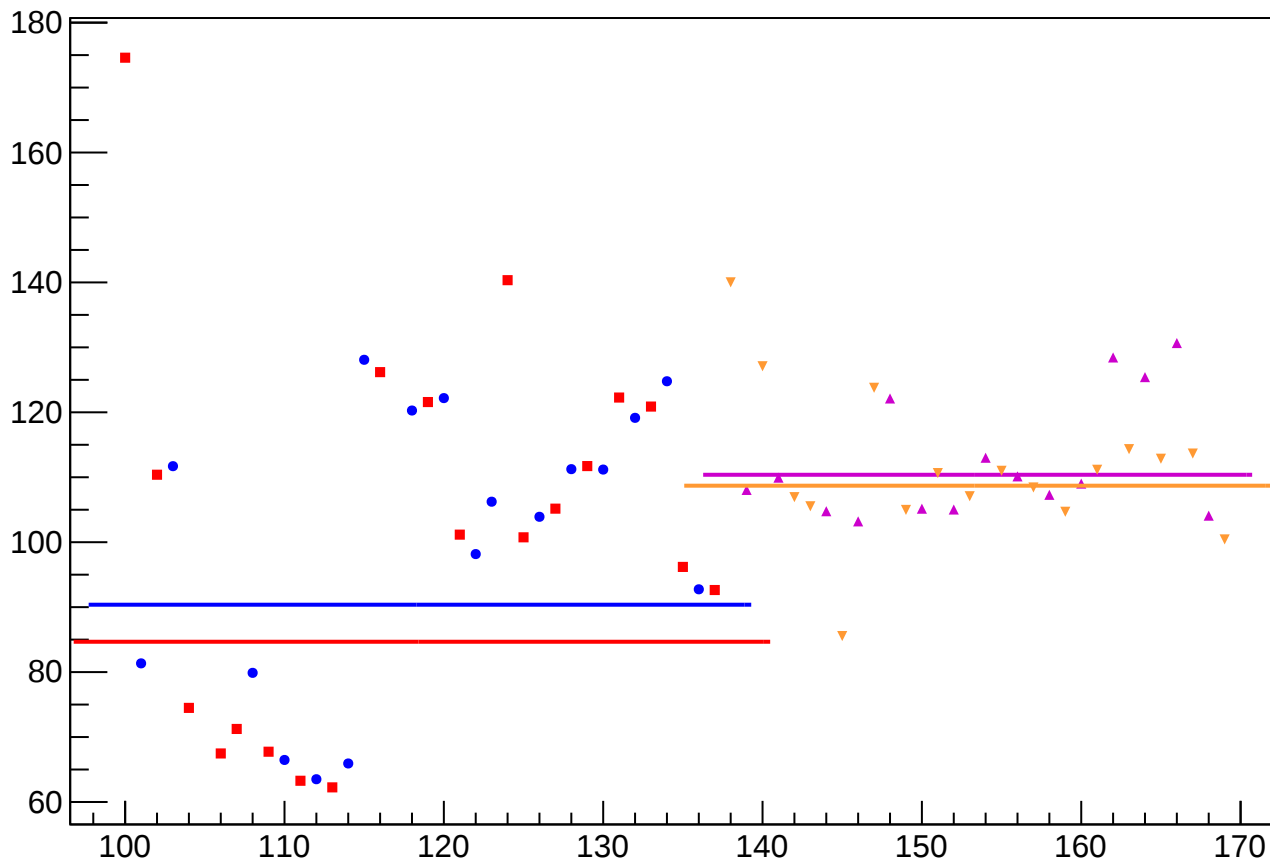
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 34.917 ± 24.069 $\chi^2/\text{NDF}: 26.5/31$

Out: 45.176 ± 22.569 $\chi^2/\text{NDF}: 35.4/35$

All: 40.376 ± 16.463 $\chi^2/\text{NDF}: 62.0/67$

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: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

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

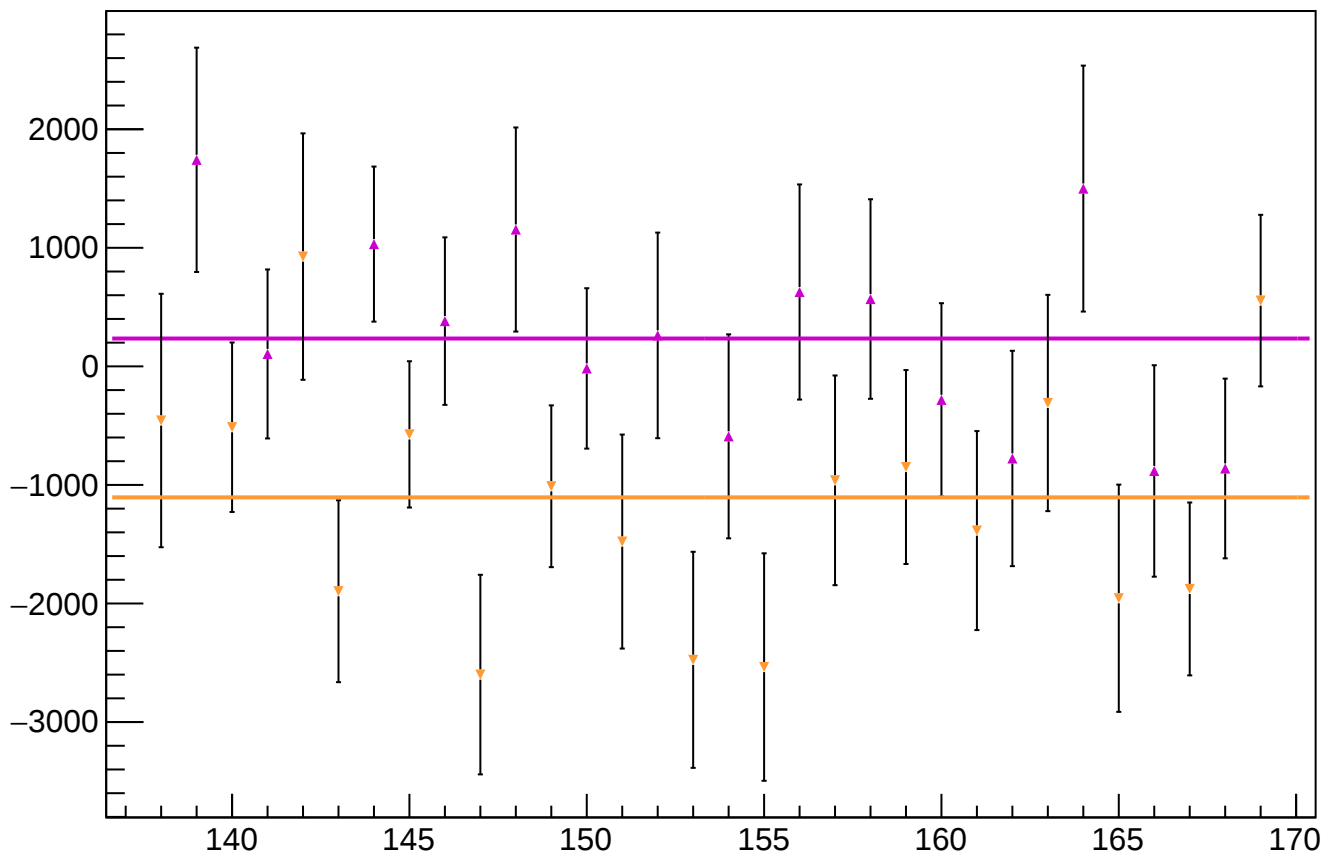
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 101.414 $\pm$ 0.017 χ^2 /NDF: 1111857.7/31

Out: 97.711 $\pm$ 0.016 χ^2 /NDF: 1736842.9/35

All: 99.443 $\pm$ 0.012 χ^2 /NDF: 2873895.0/67

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

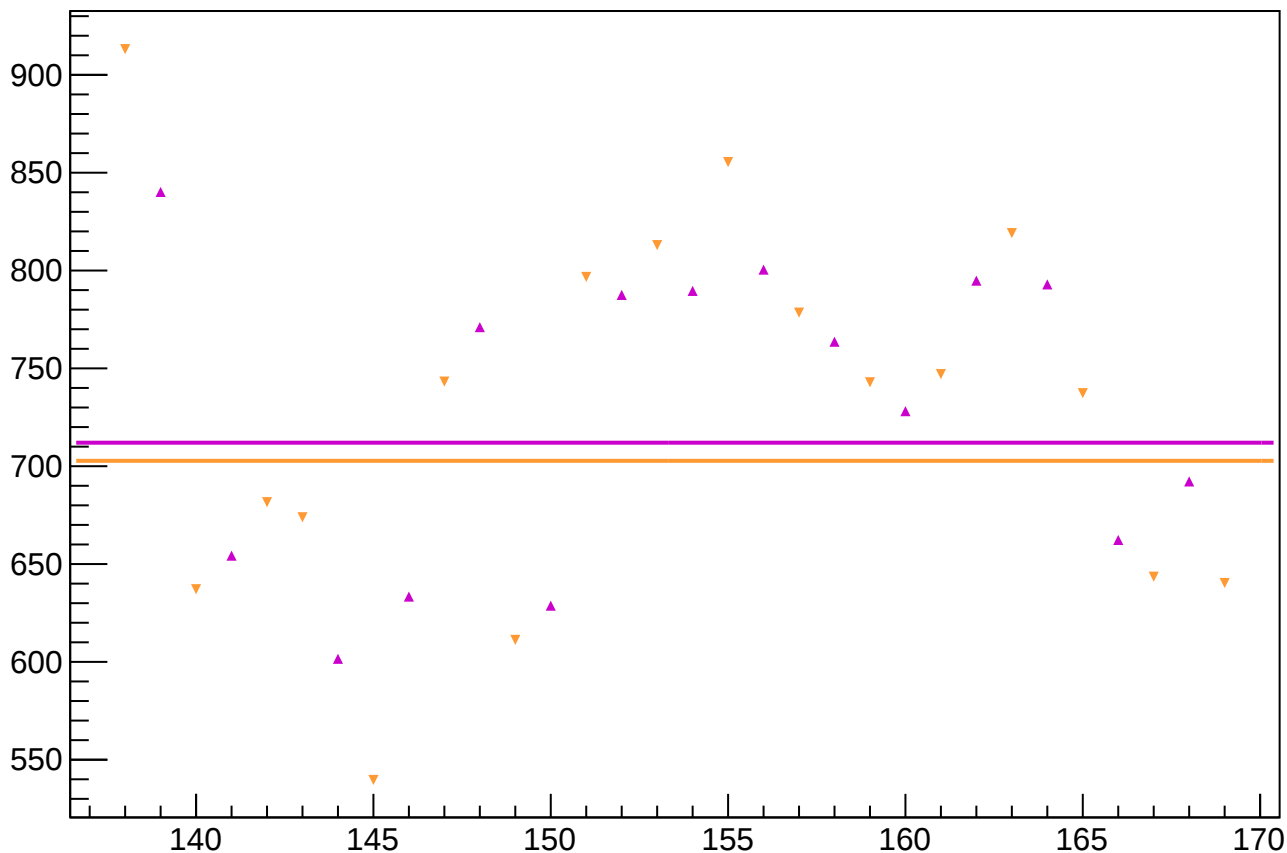
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

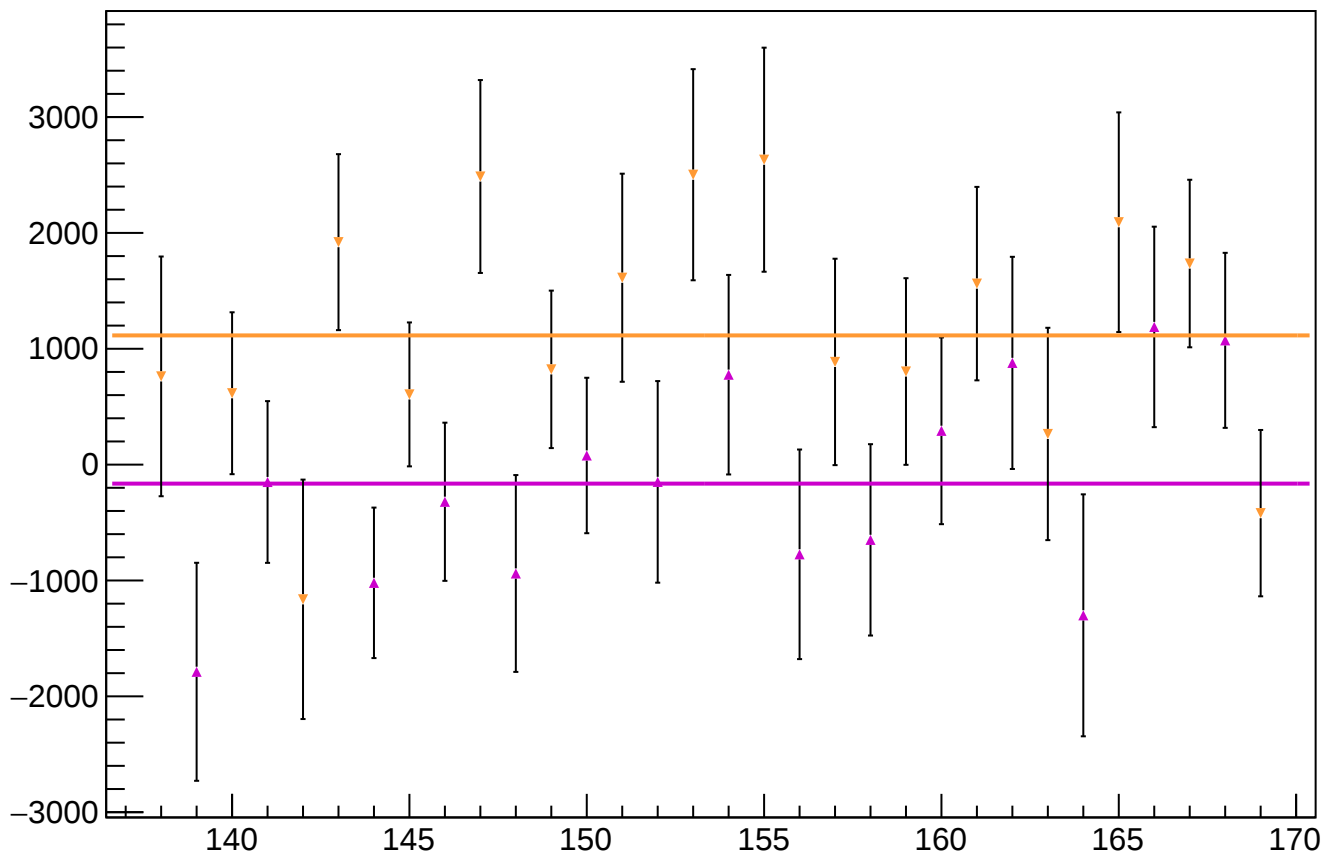
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

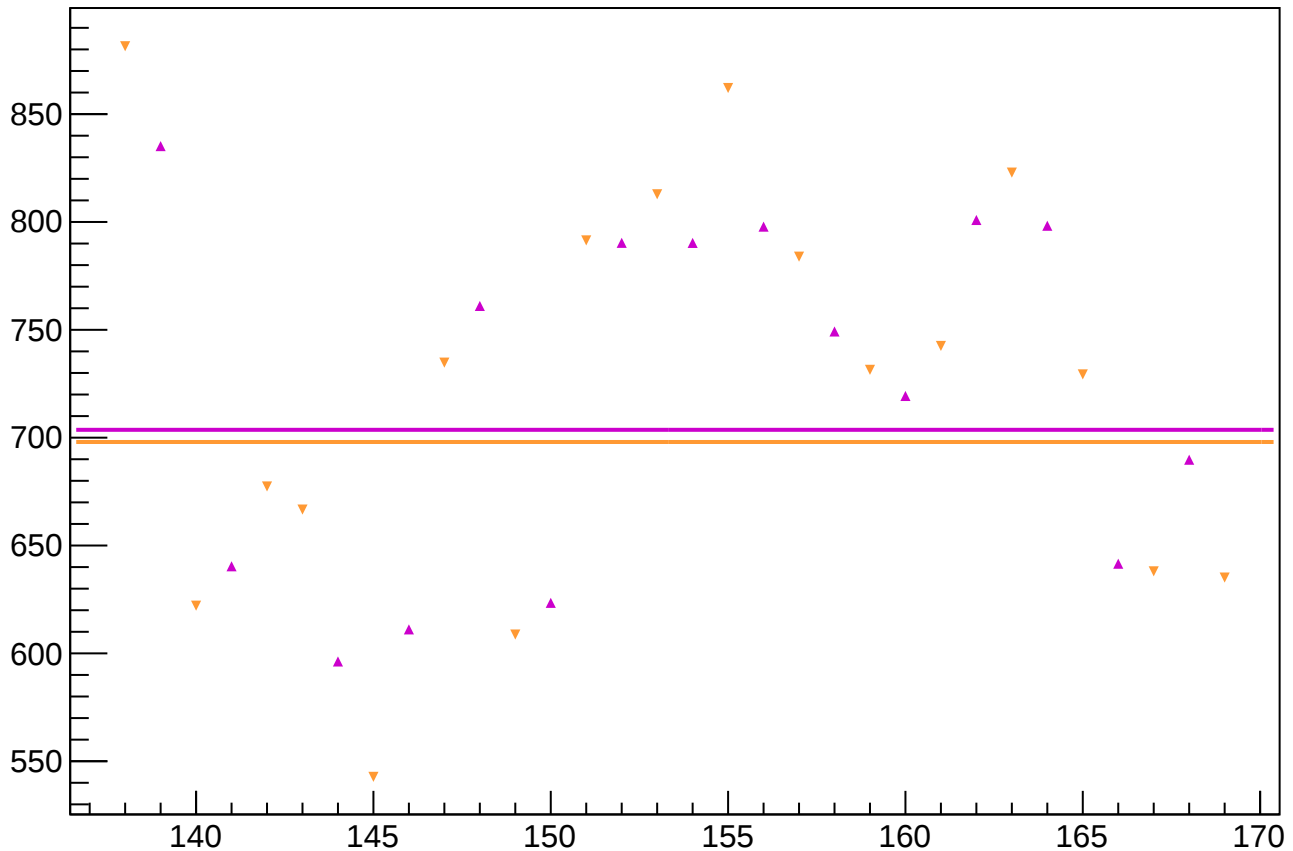
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

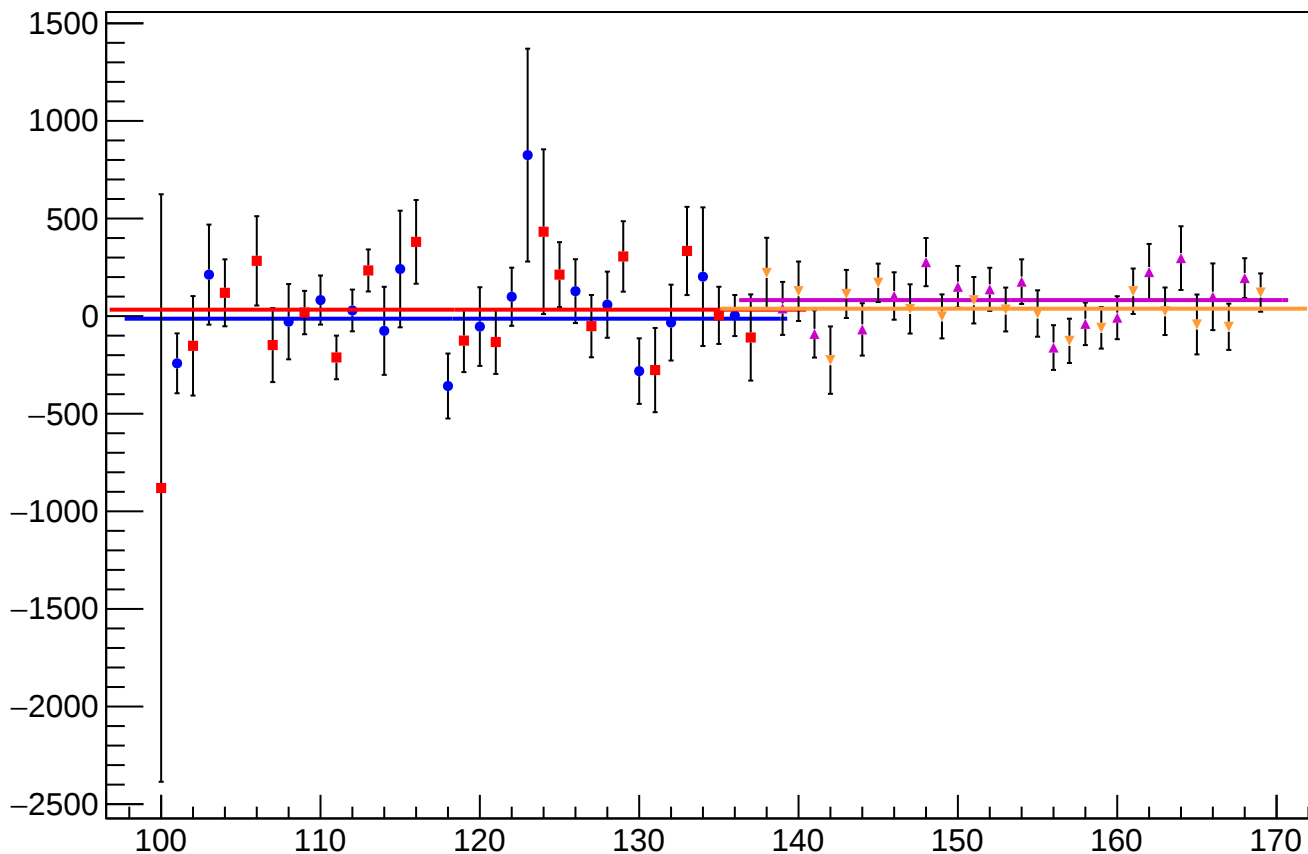
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 χ^2/NDF : 15.7/16

Left Out: 38.086 ± 29.312 χ^2/NDF : 11.4/16

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 82.067 ± 31.352 χ^2/NDF : 17.6/14

Left: 58.599 ± 21.411 χ^2/NDF : 30.0/31

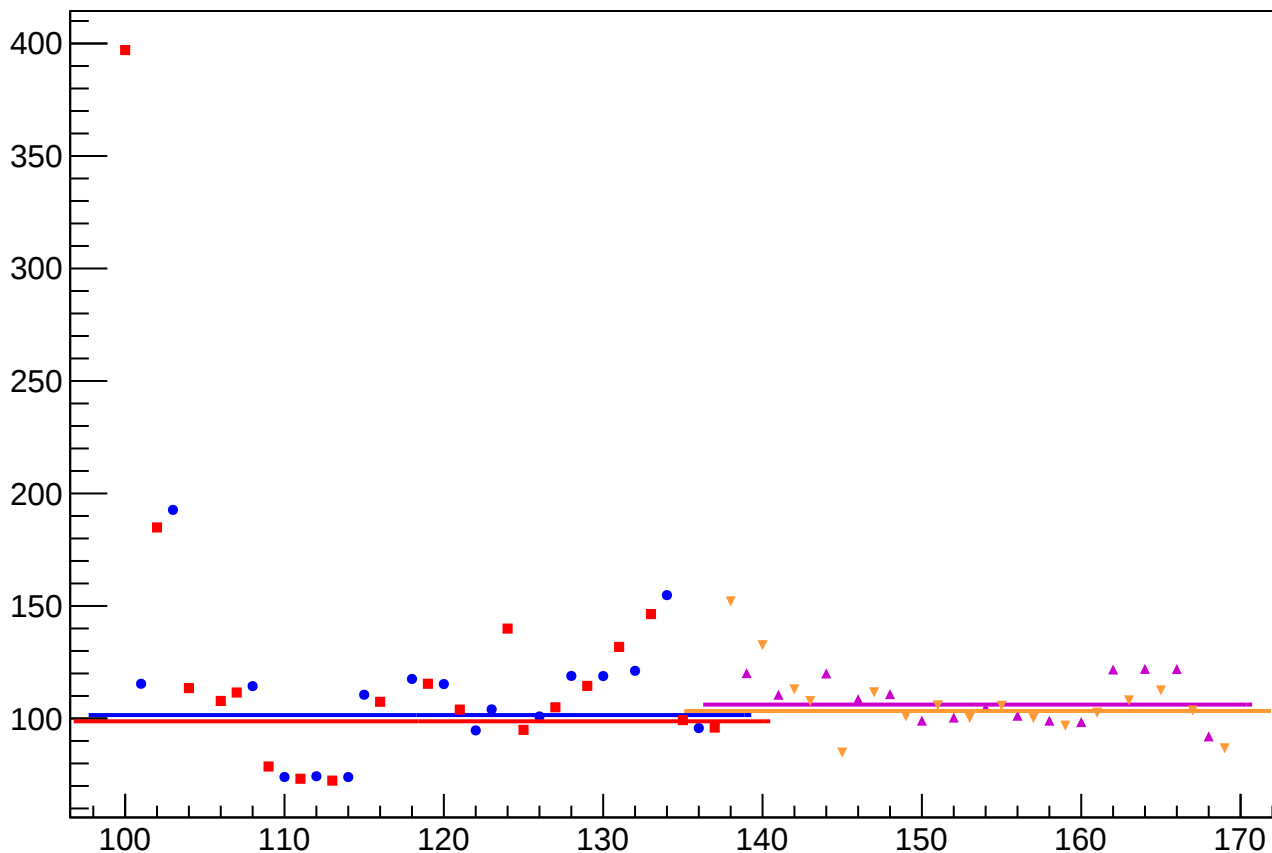
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 46.423 ± 24.804 χ^2/NDF : 36.8/31

Out: 36.253 ± 23.405 χ^2/NDF : 36.4/35

All: 41.043 ± 17.023 χ^2/NDF : 73.3/67

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 $\chi^2/\text{NDF}: 681713.7/16$

Left Out: 103.332 ± 0.021 $\chi^2/\text{NDF}: 389309.7/16$

Right Out: 98.736 ± 0.027 $\chi^2/\text{NDF}: 825631.4/18$

Left In: 106.172 ± 0.022 $\chi^2/\text{NDF}: 183940.9/14$

Left: 104.656 ± 0.015 $\chi^2/\text{NDF}: 582009.9/31$

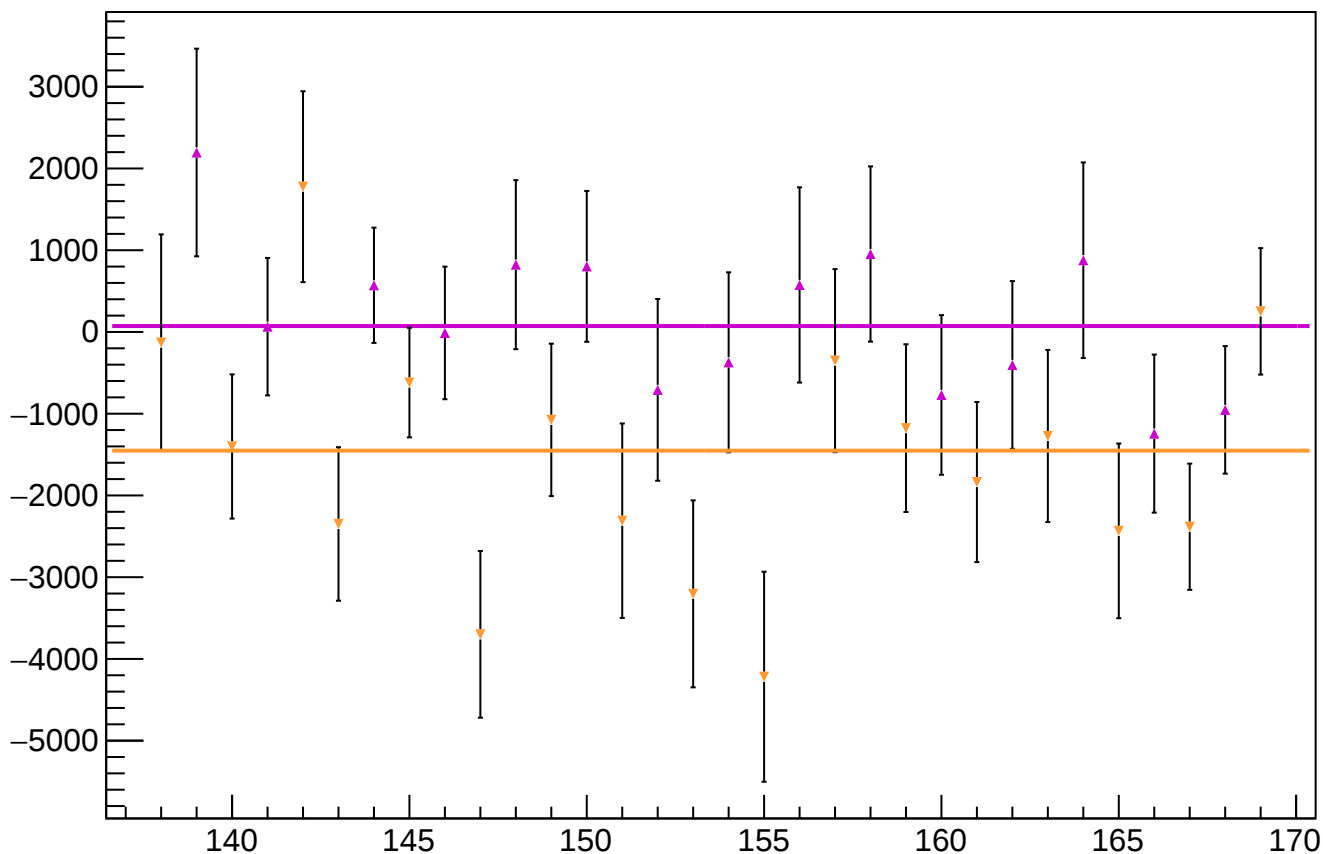
Right: 100.069 ± 0.020 $\chi^2/\text{NDF}: 1512254.1/35$

In: 104.431 ± 0.018 $\chi^2/\text{NDF}: 882133.7/31$

Out: 101.666 ± 0.017 $\chi^2/\text{NDF}: 1232760.1/35$

All: 102.969 ± 0.012 $\chi^2/\text{NDF}: 2128044.7/67$

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1451.945 ± 235.363 $\chi^2/\text{NDF}: 32.0/16$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 72.157 ± 247.738 $\chi^2/\text{NDF}: 11.0/14$

Left: -728.908 ± 170.634 $\chi^2/\text{NDF}: 62.9/31$

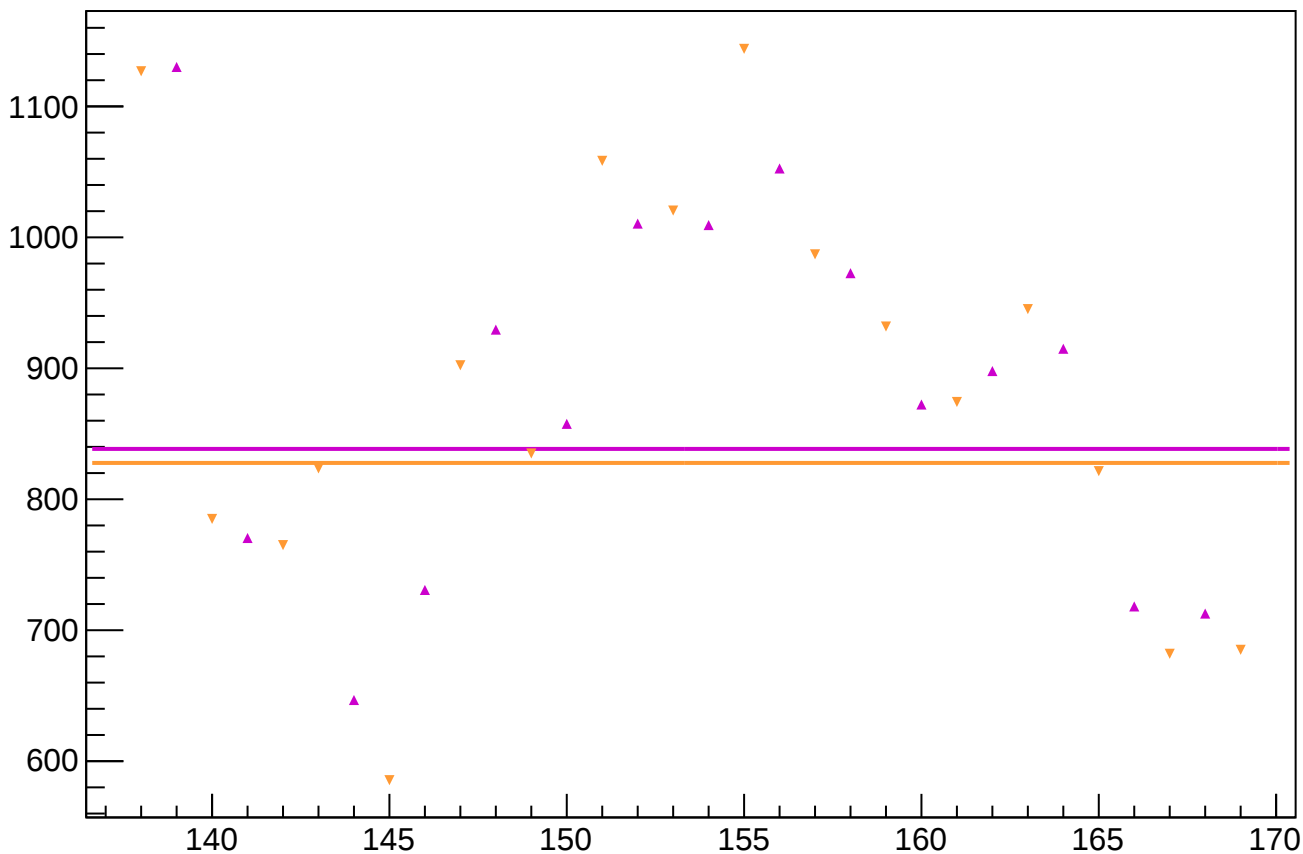
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 72.157 ± 247.738 $\chi^2/\text{NDF}: 11.0/14$

Out: -1451.945 ± 235.363 $\chi^2/\text{NDF}: 32.0/16$

All: -728.908 ± 170.634 $\chi^2/\text{NDF}: 62.9/31$

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

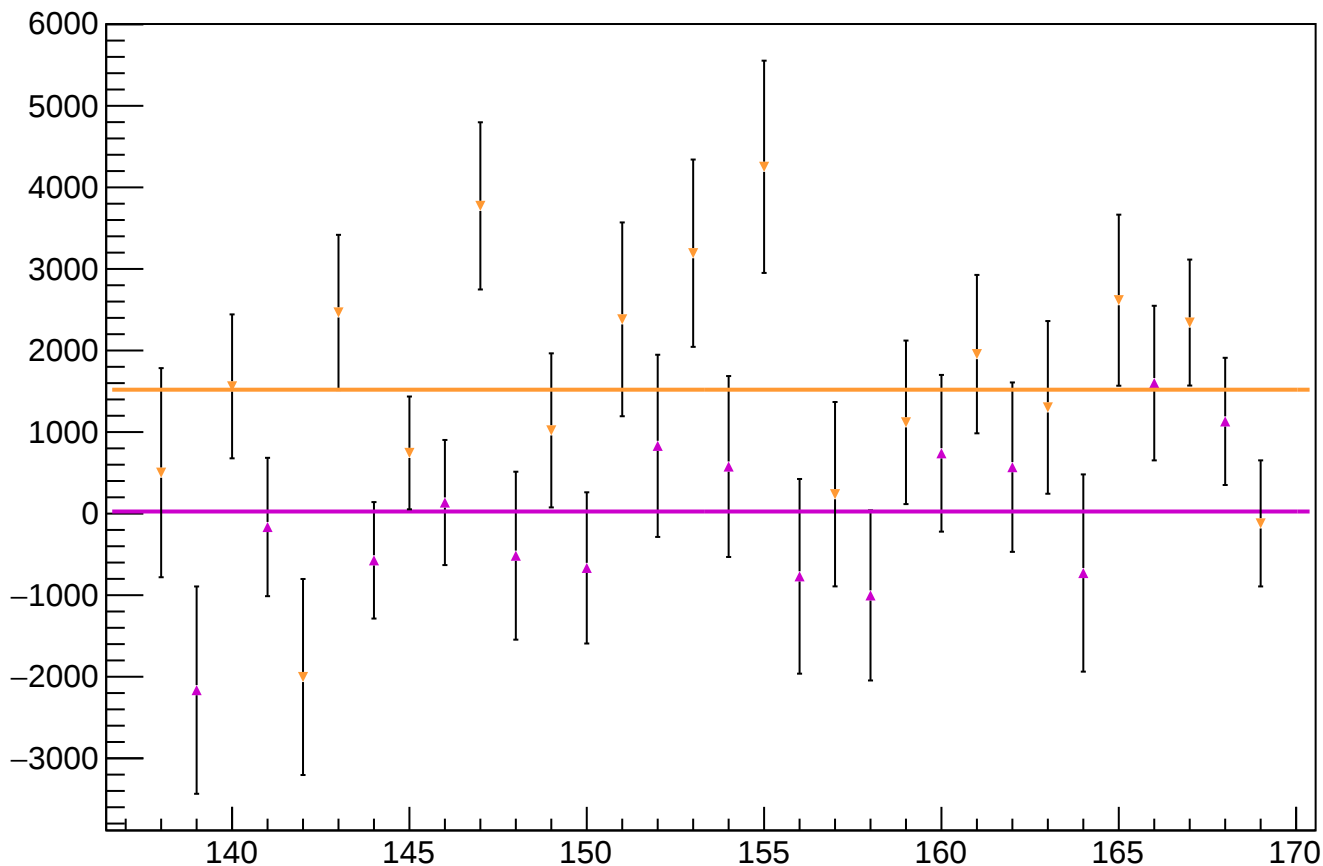
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

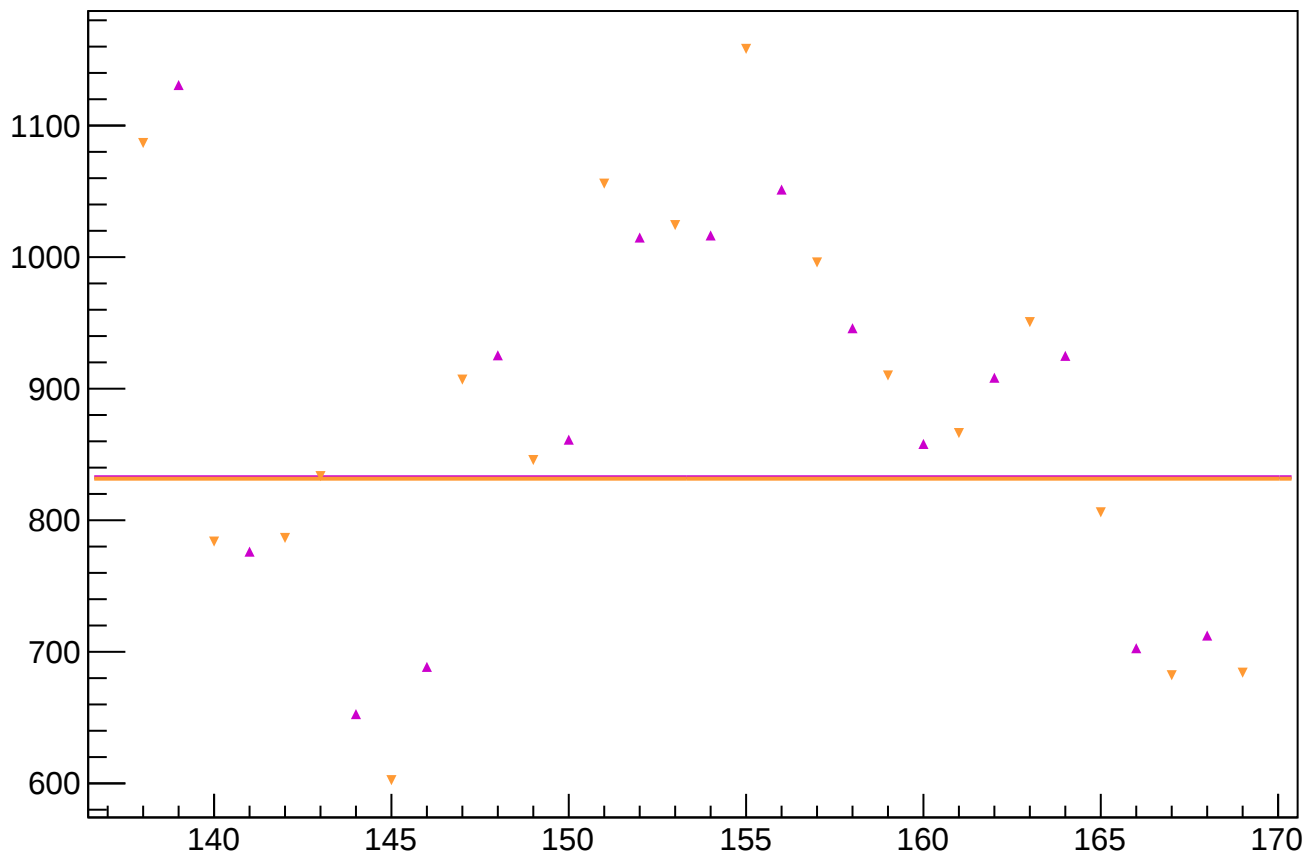
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

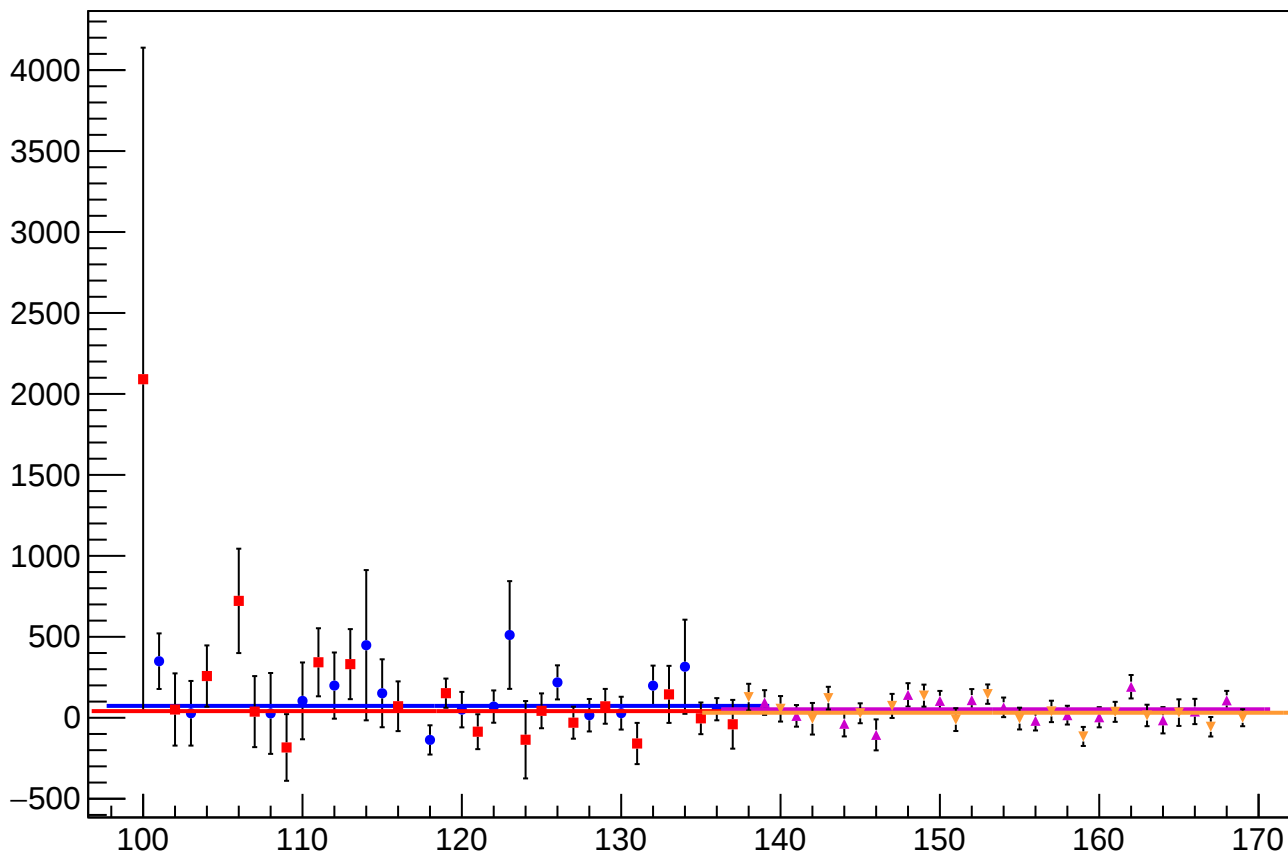
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-31.060 χ^2/NDF : 15.3/16

Left Out: 31.121+/-16.279 χ^2/NDF :19.0/16

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 52.438+/-17.546 χ^2/NDF :15.4/14

Left: 40.981+/-11.934 χ^2/NDF : 35.2/31

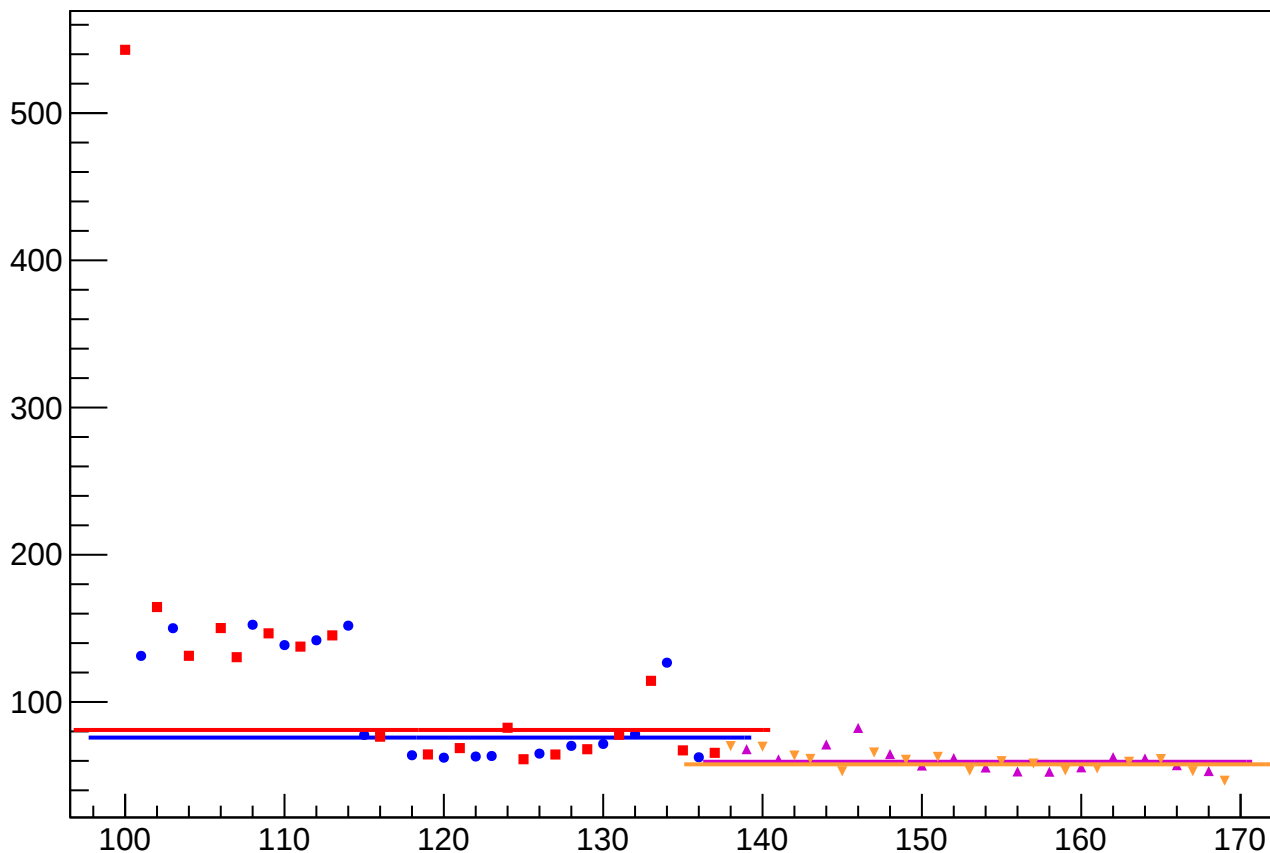
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 57.520+/-15.277 χ^2/NDF :31.0/31

Out: 33.102+/-14.576 χ^2/NDF :38.3/35

All: 44.738+/-10.546 χ^2/NDF : 70.7/67

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2/NDF : 1349961.8/16

Left Out: 57.661+/-0.012 χ^2/NDF : 287912.0/16

Right Out: 80.999+/-0.023 χ^2/NDF : 1627899.8/18

Left In: 59.384+/-0.012 χ^2/NDF : 300618.5/14

Left: 58.458+/-0.008 χ^2/NDF : 598888.2/31

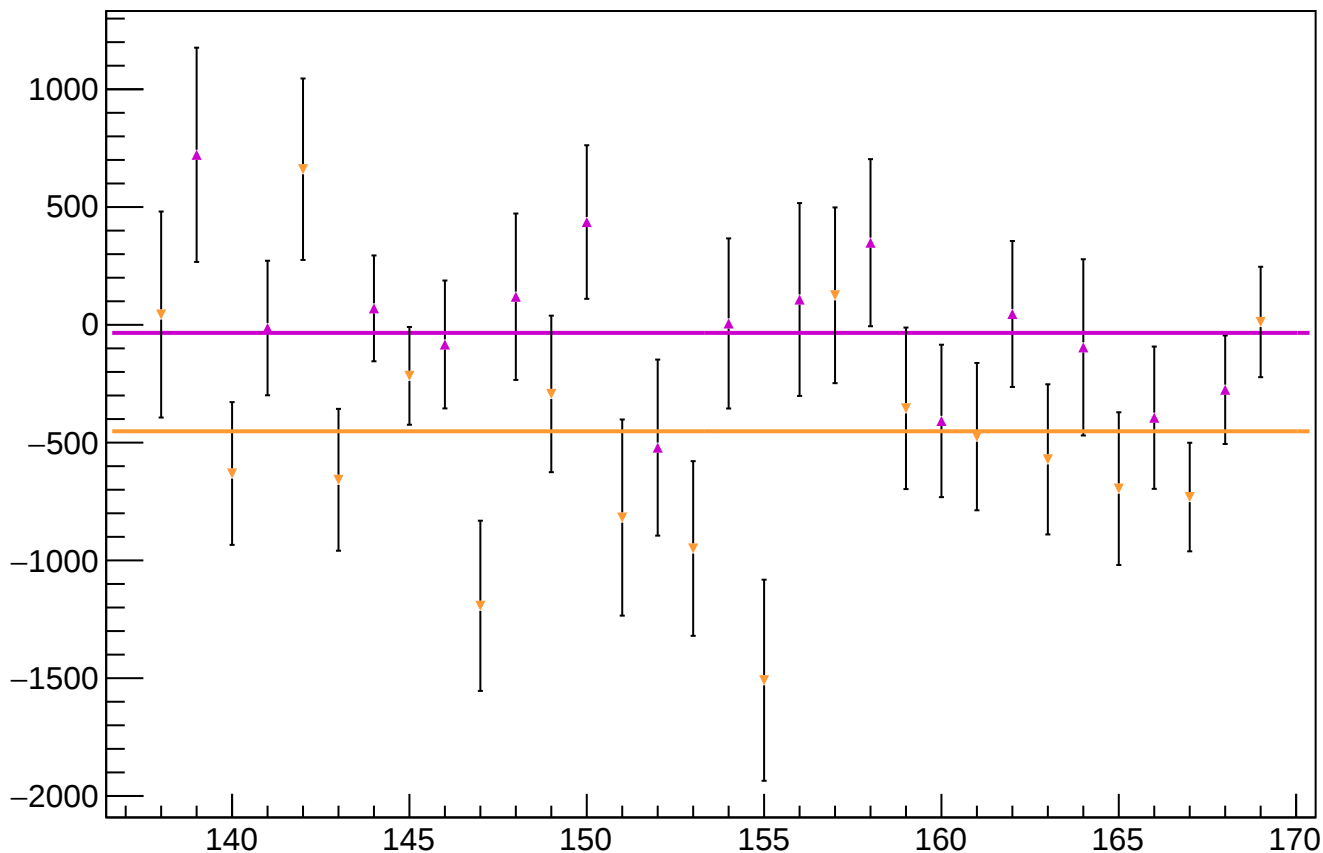
Right: 78.273+/-0.016 χ^2/NDF : 3004207.0/35

In: 63.360+/-0.011 χ^2/NDF : 2075133.0/31

Out: 62.287+/-0.010 χ^2/NDF : 2730625.4/35

All: 62.798+/-0.007 χ^2/NDF : 4810921.0/67

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

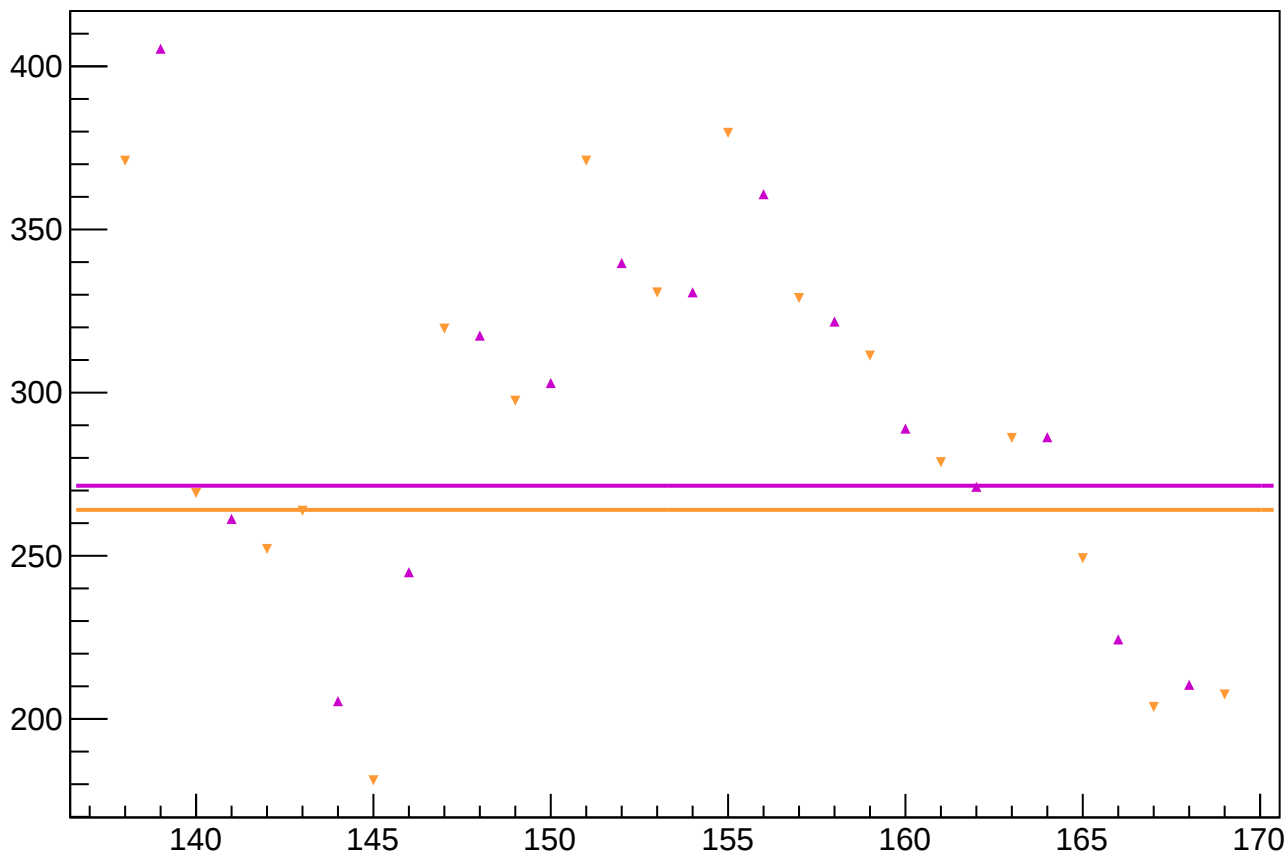
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

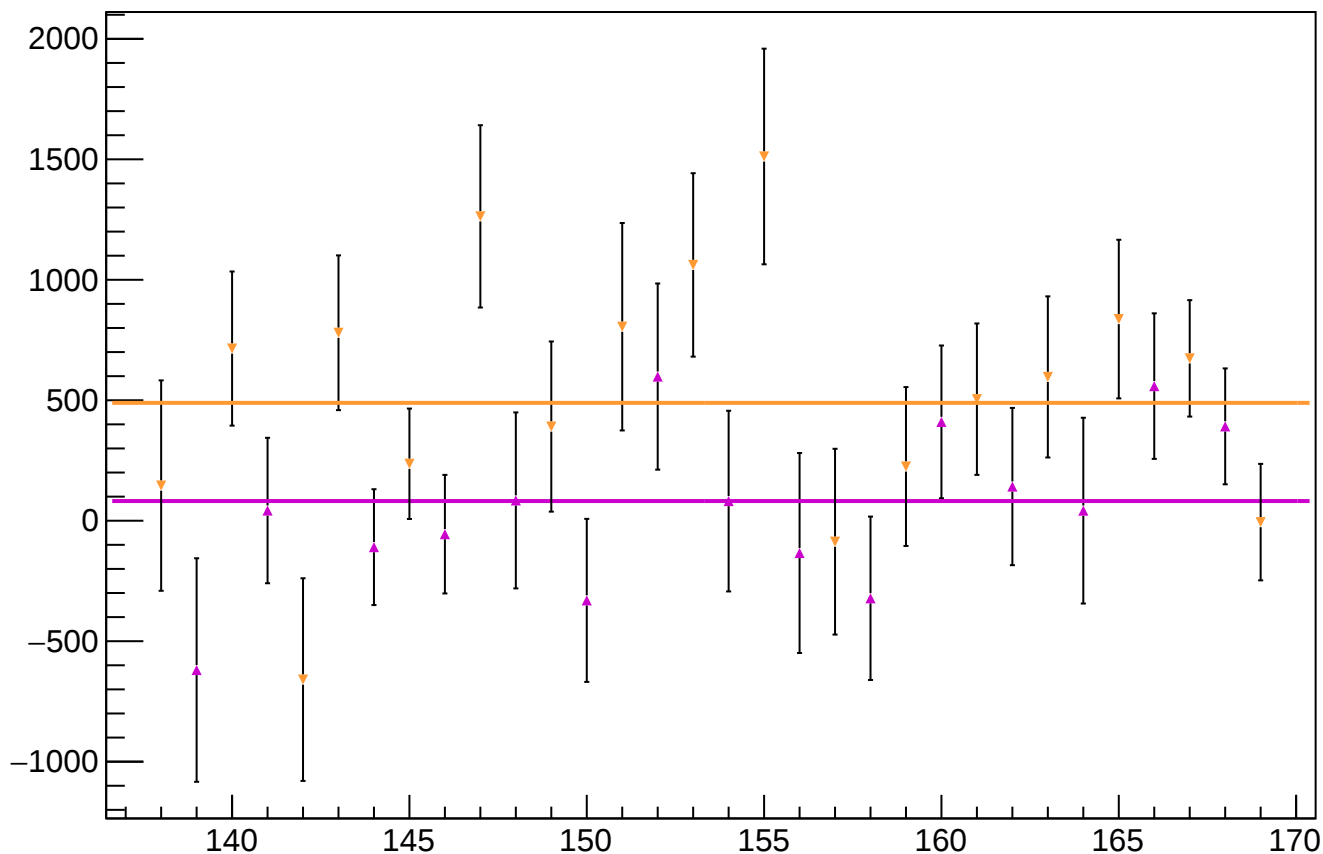
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

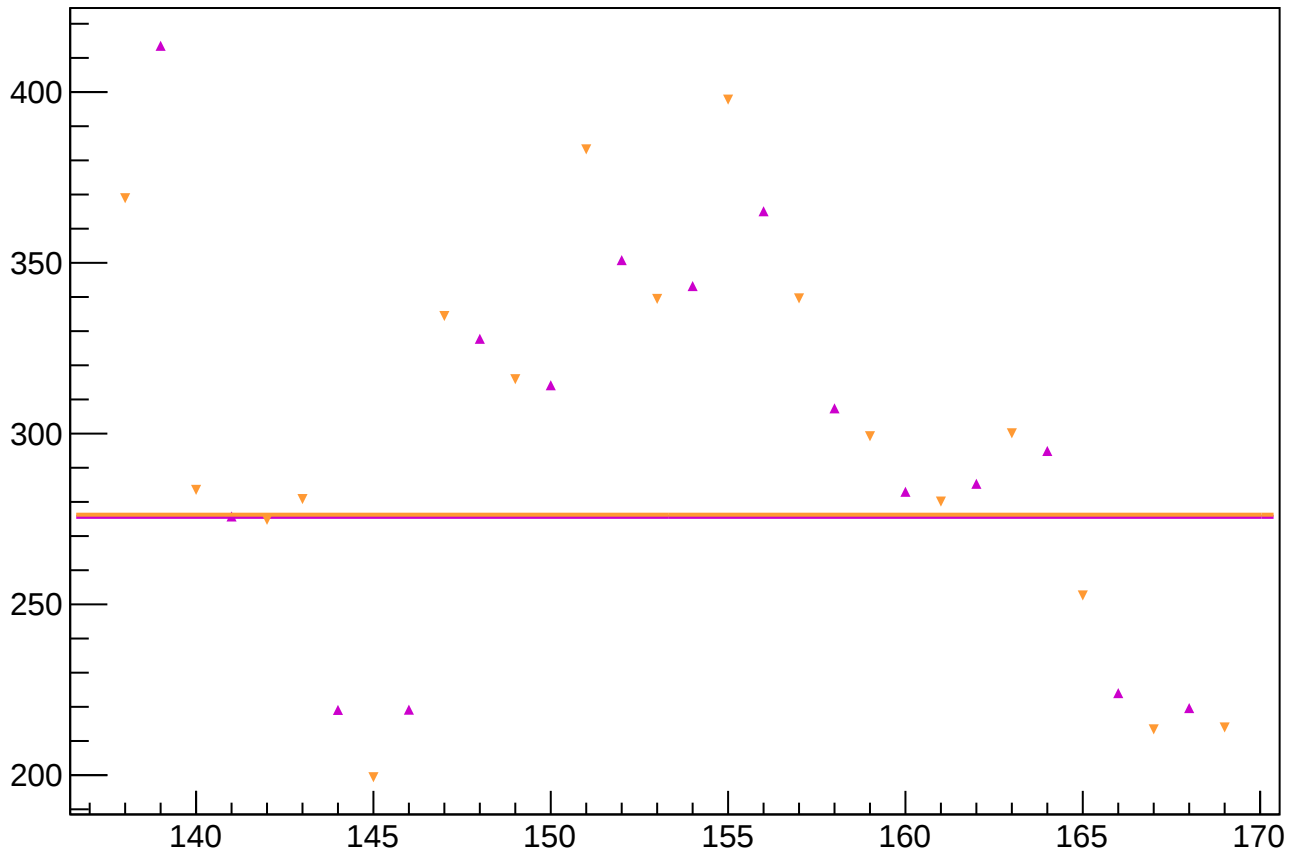
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

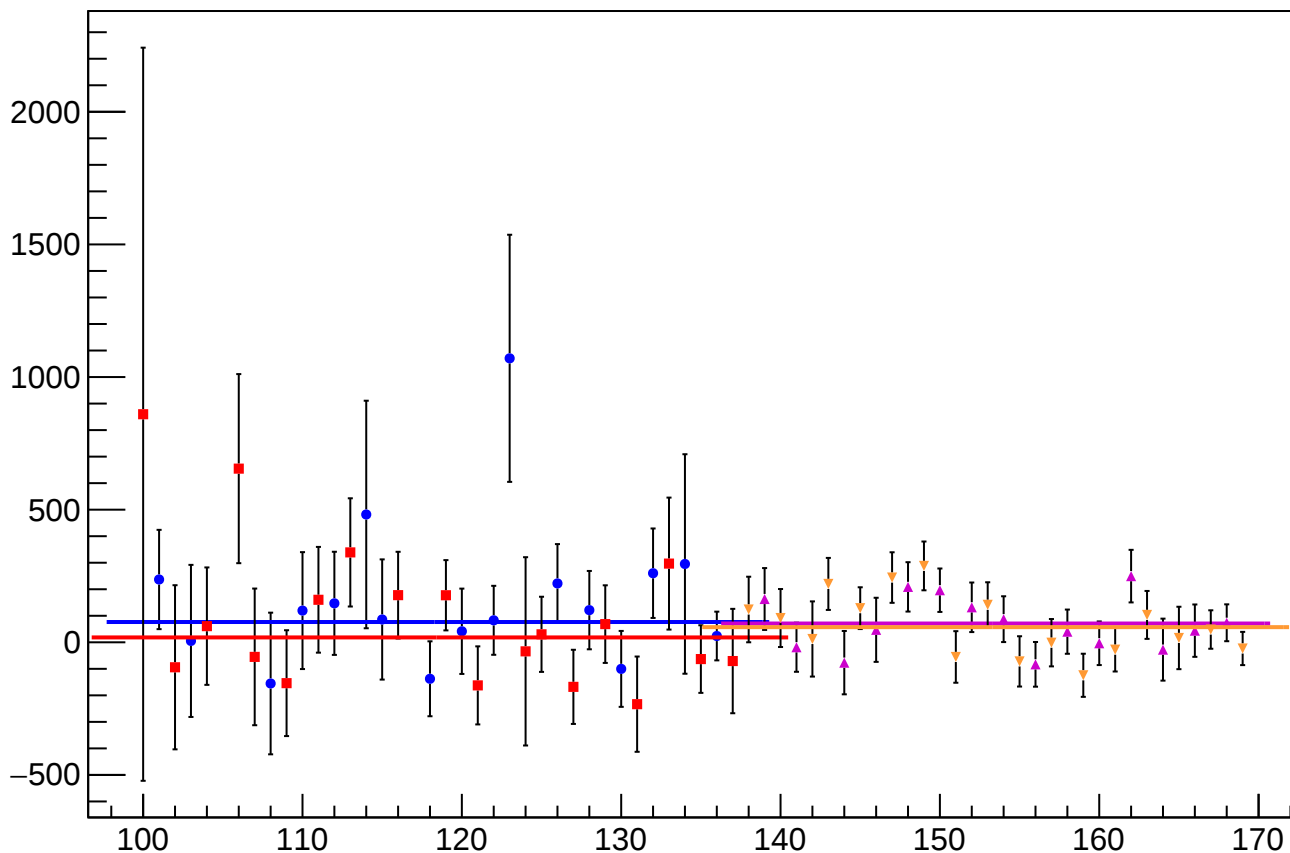
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 57.116 $\pm$ 21.759 χ^2 /NDF:26.9/16

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 70.804 $\pm$ 23.838 χ^2 /NDF:16.5/14

Left: 63.338 $\pm$ 16.071 χ^2 /NDF: 43.6/31

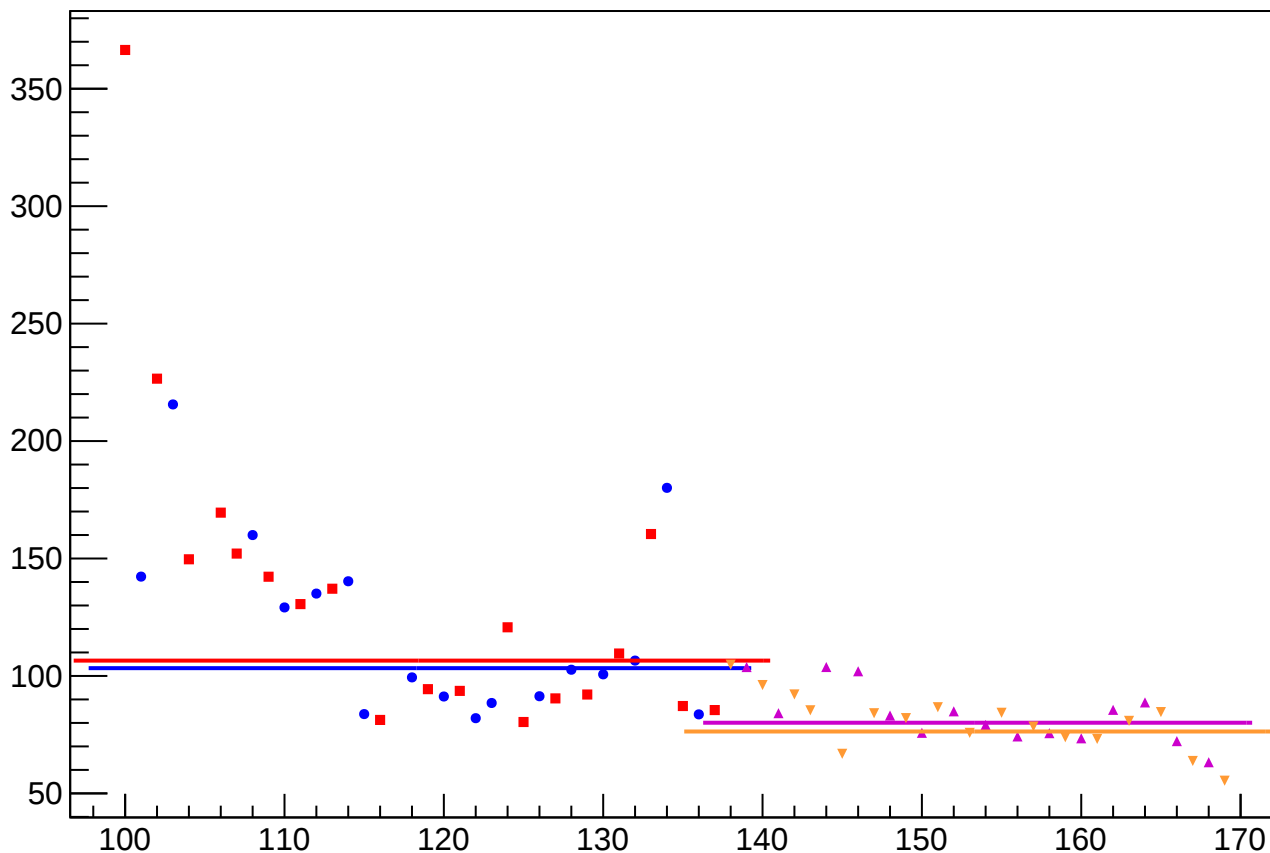
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 72.215 $\pm$ 20.678 χ^2 /NDF:30.4/31

Out: 49.007 $\pm$ 19.347 χ^2 /NDF:44.8/35

All: 59.840 $\pm$ 14.127 χ^2 /NDF: 75.8/67

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: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

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

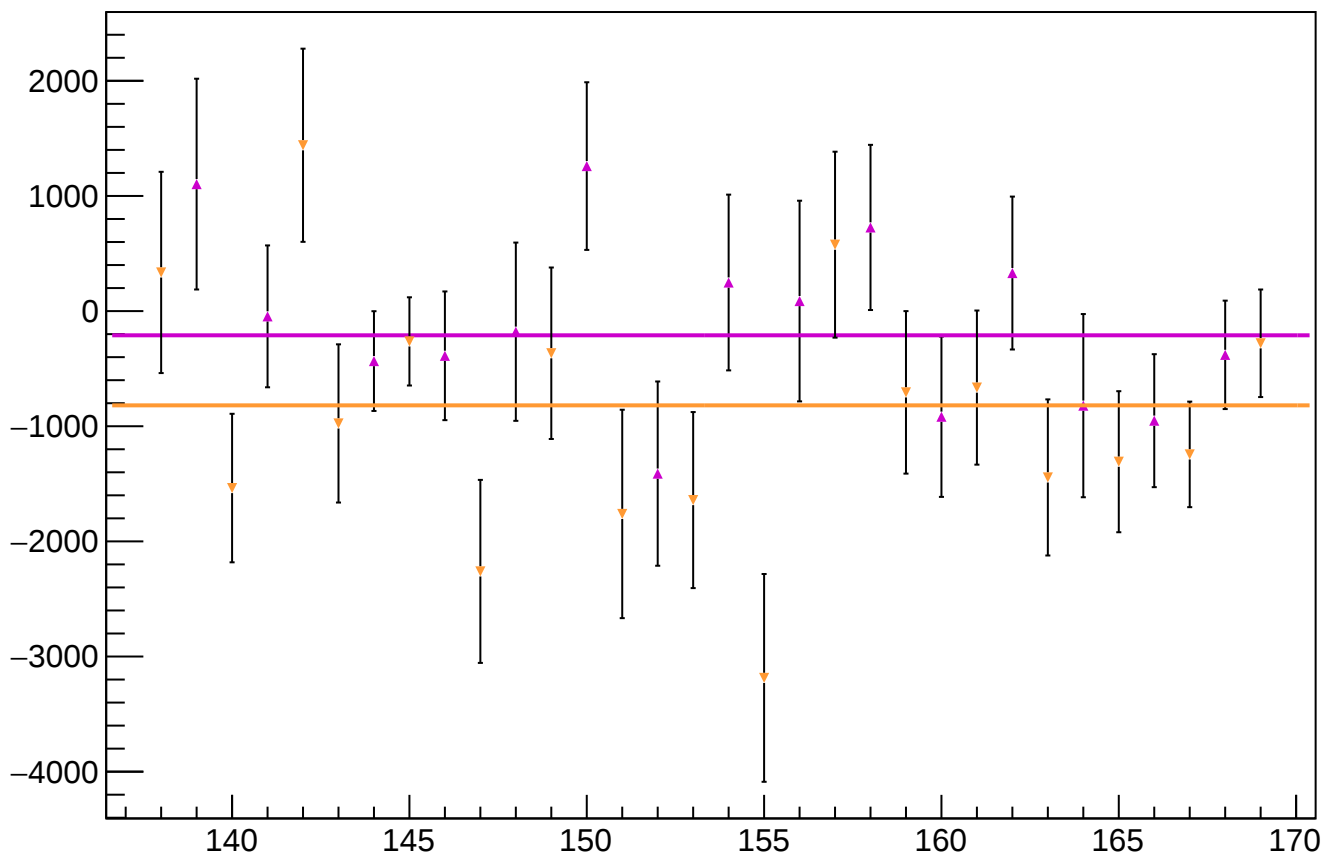
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 85.835 $\pm$ 0.015 χ^2 /NDF: 1727767.4/31

Out: 82.672 $\pm$ 0.014 χ^2 /NDF: 2481775.1/35

All: 84.149 $\pm$ 0.010 χ^2 /NDF: 4234498.2/67

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

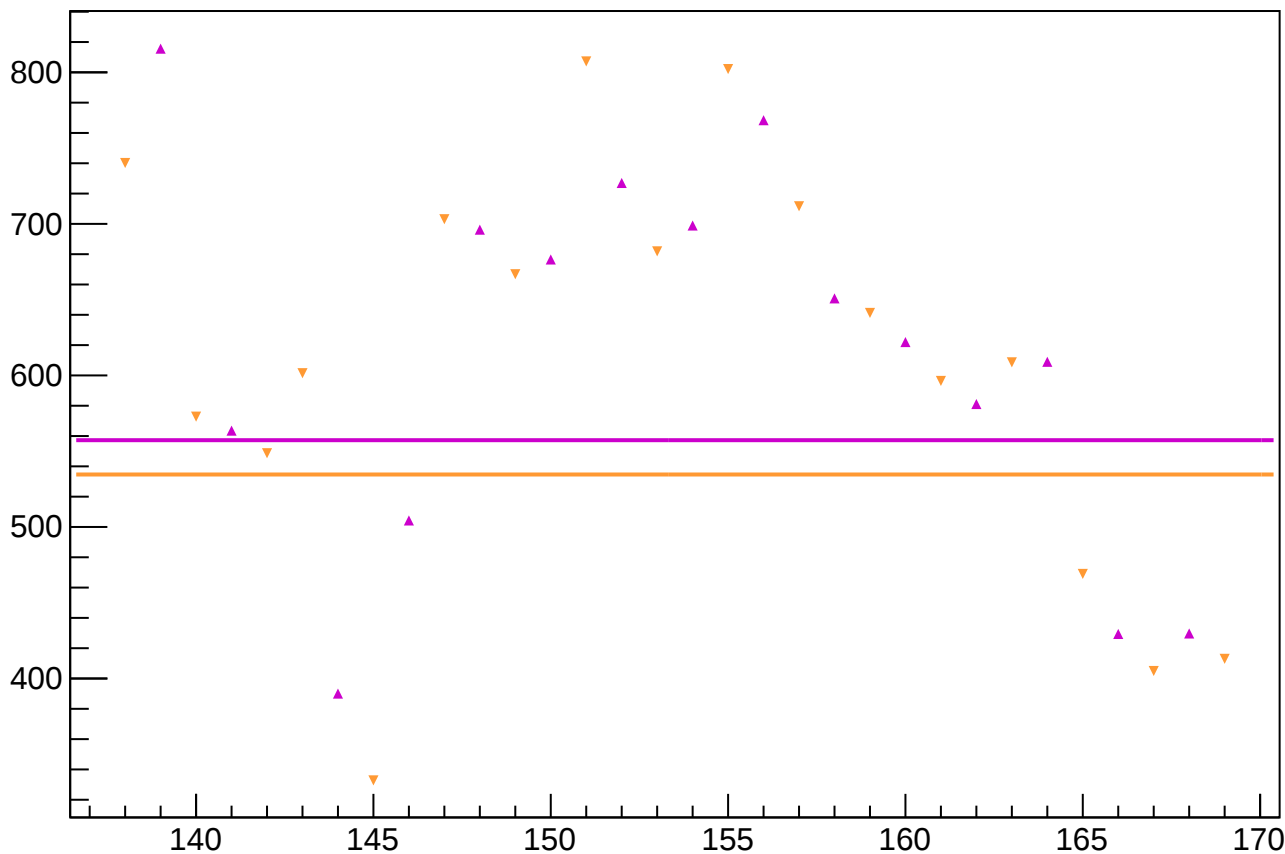
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

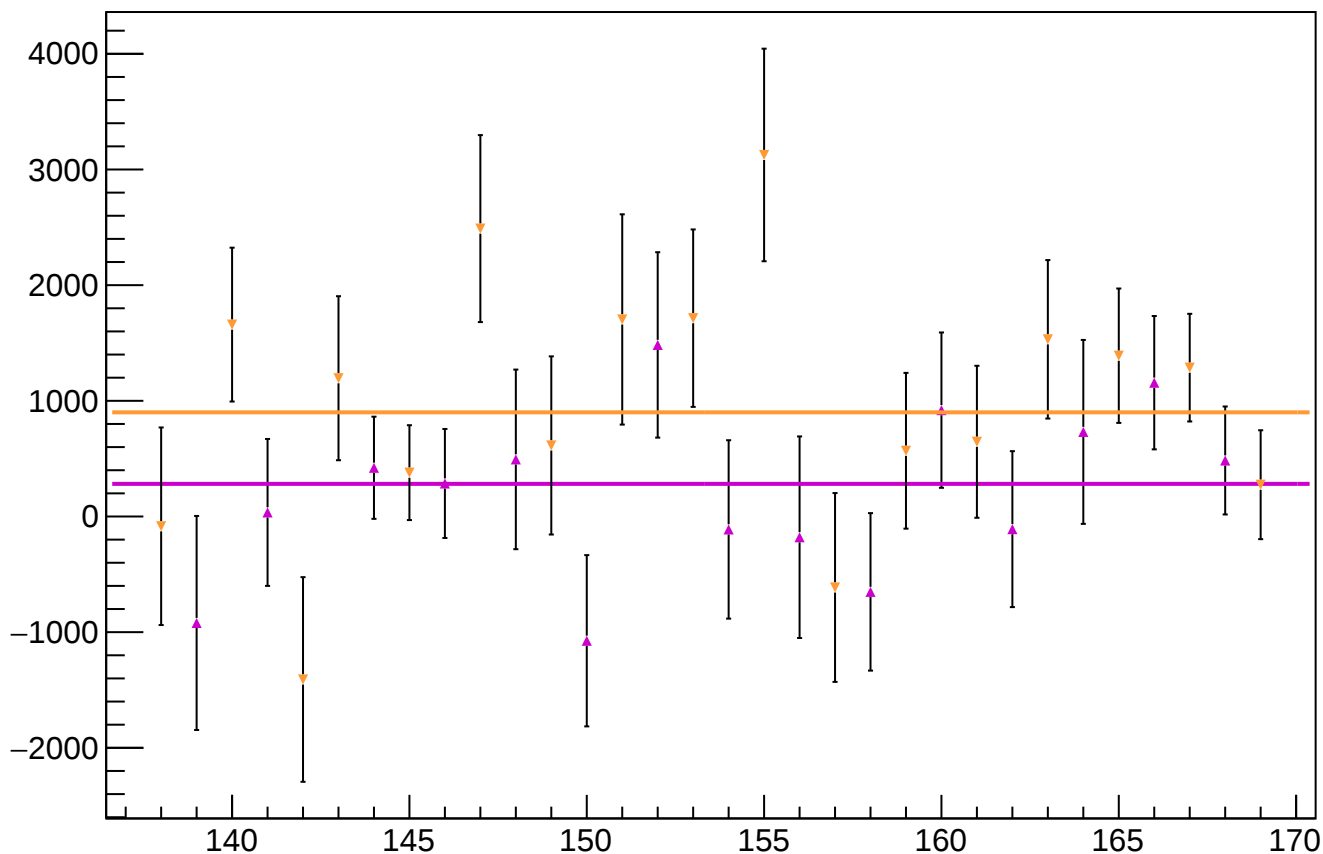
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

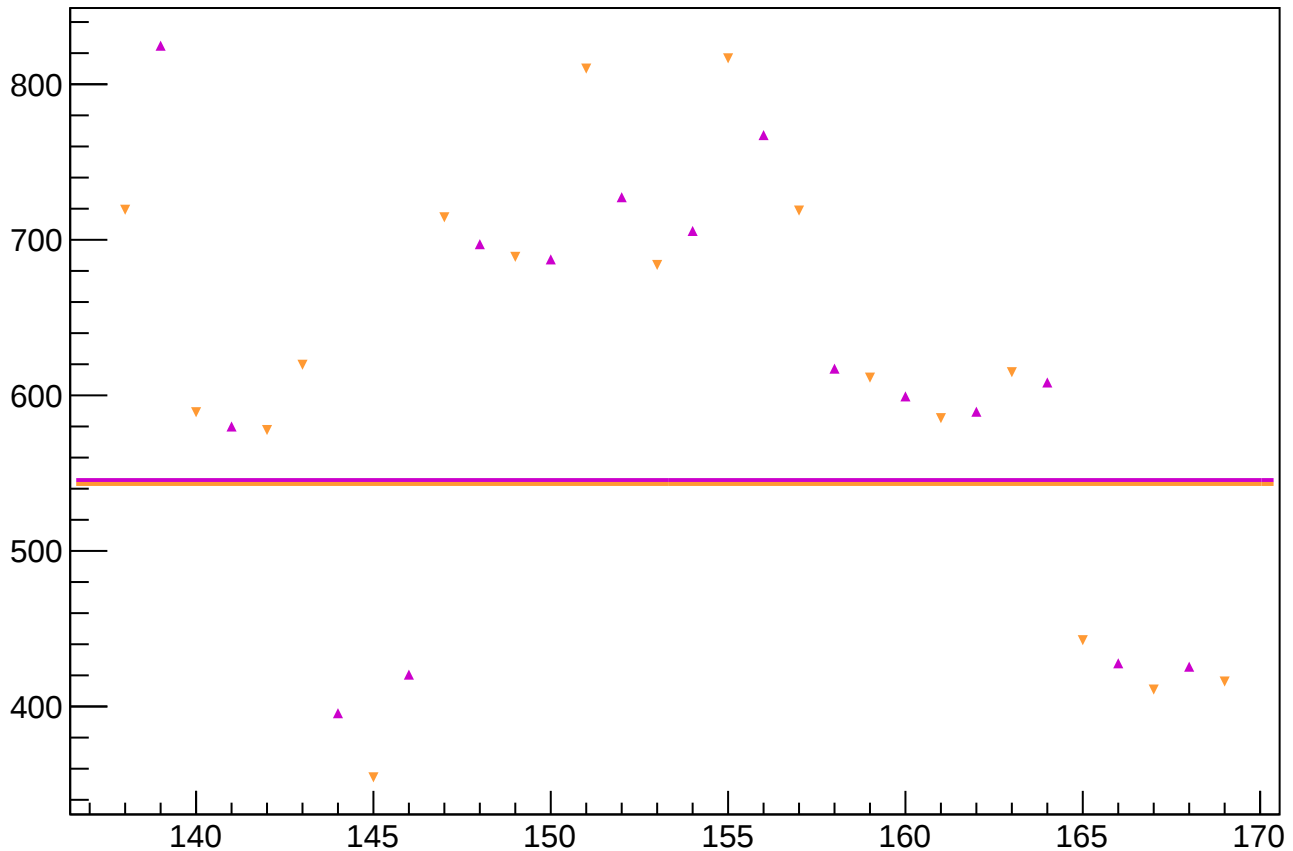
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

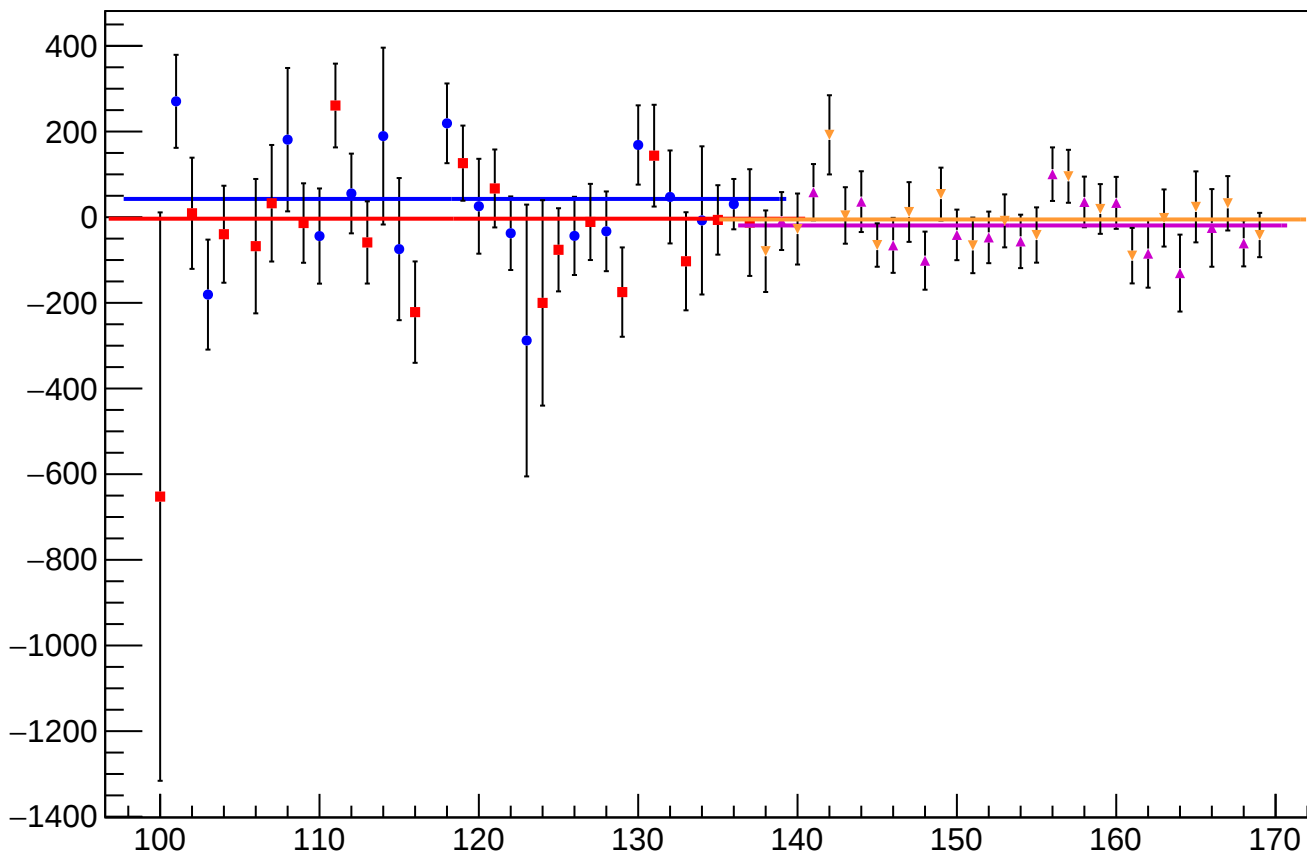
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 545.537+/-0.116 χ^2/NDF :1299332.1/14

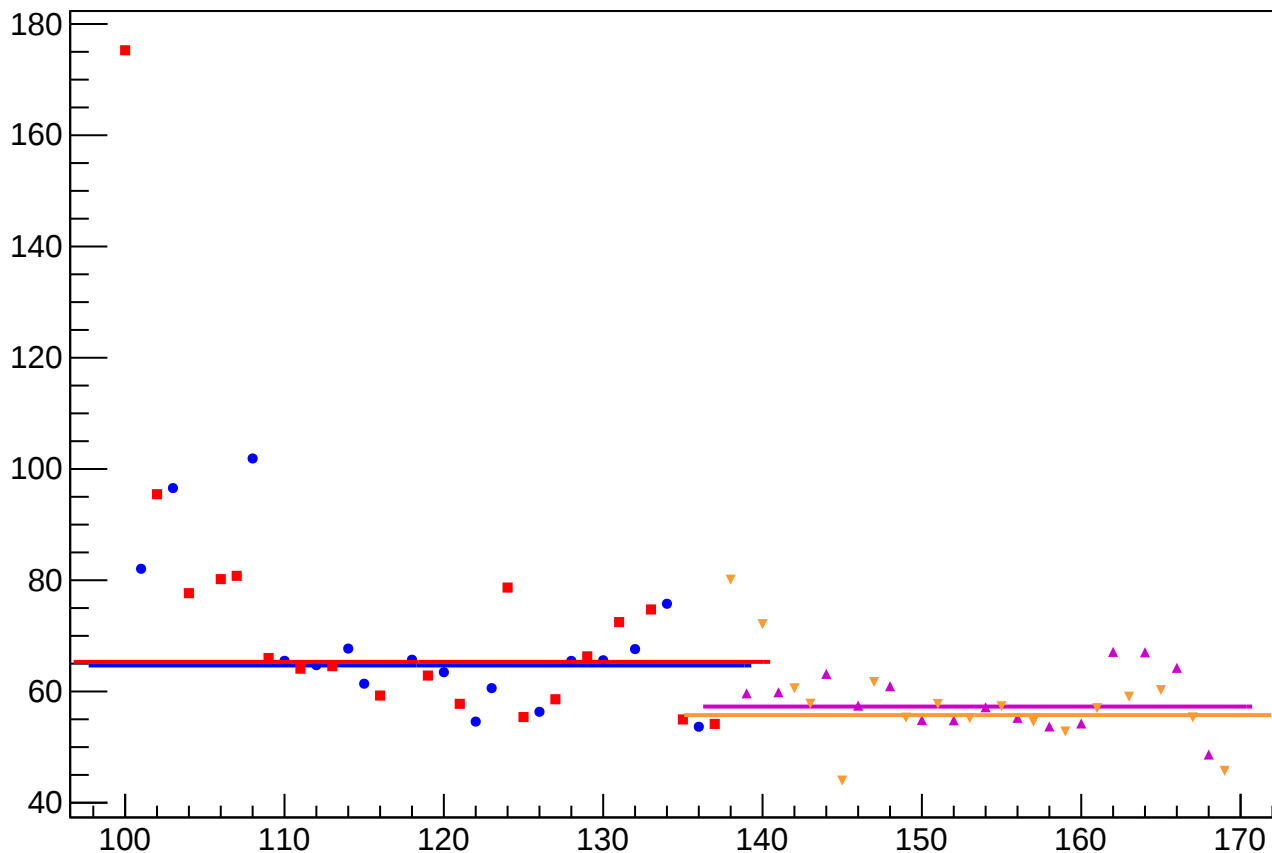
Out: 543.054+/-0.111 χ^2/NDF :1633798.8/16

All: 544.242+/-0.080 χ^2/NDF : 2933369.1/31

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 ± 0.018 $\chi^2/\text{NDF}: 400187.1/16$

Left Out: 55.751 ± 0.011 $\chi^2/\text{NDF}: 434236.6/16$

Right Out: 65.324 ± 0.018 $\chi^2/\text{NDF}: 359570.8/18$

Left In: 57.288 ± 0.012 $\chi^2/\text{NDF}: 163563.4/14$

Left: 56.468 ± 0.008 $\chi^2/\text{NDF}: 606591.4/31$

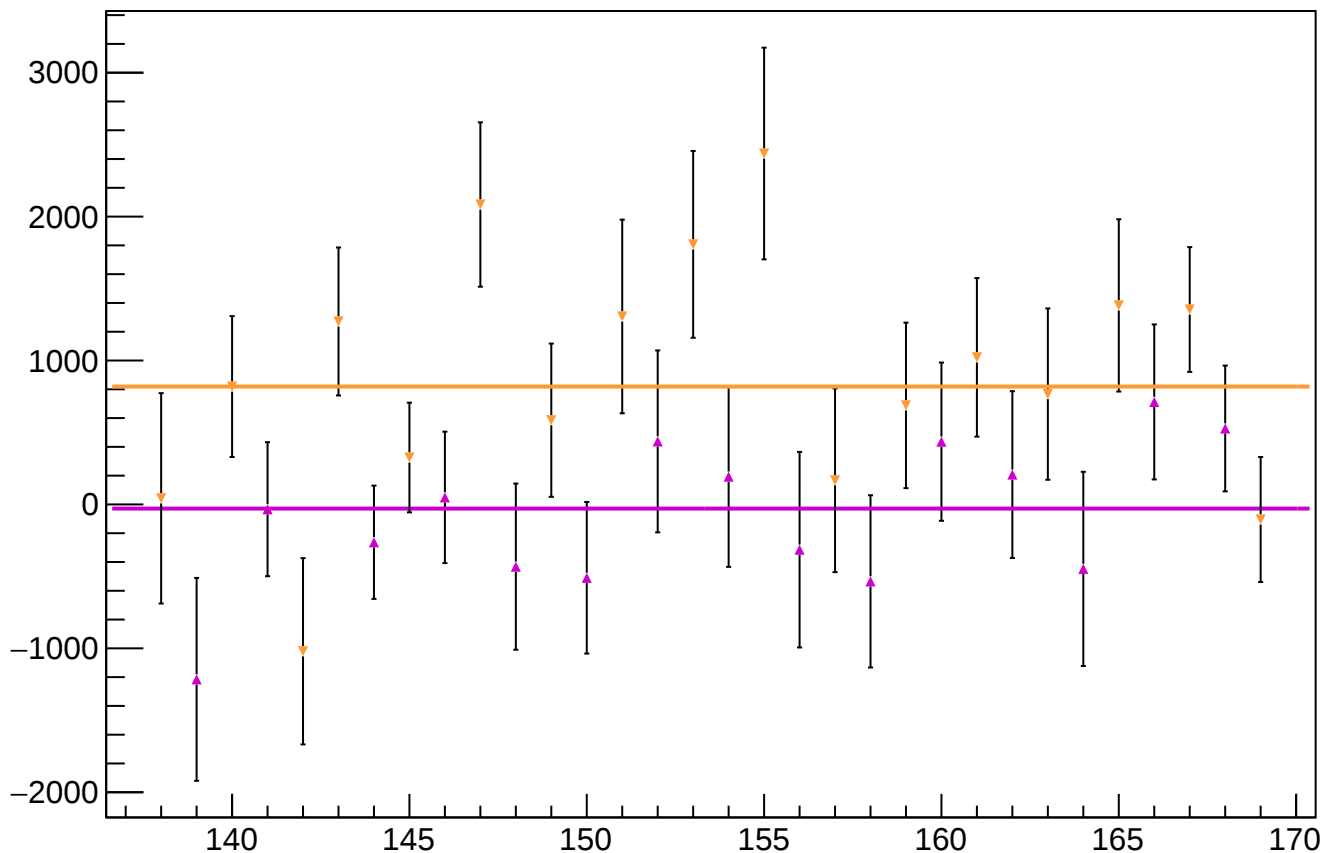
Right: 65.010 ± 0.013 $\chi^2/\text{NDF}: 760396.9/35$

In: 59.552 ± 0.010 $\chi^2/\text{NDF}: 680691.0/31$

Out: 58.481 ± 0.009 $\chi^2/\text{NDF}: 1002274.0/35$

All: 58.989 ± 0.007 $\chi^2/\text{NDF}: 1689025.9/67$

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

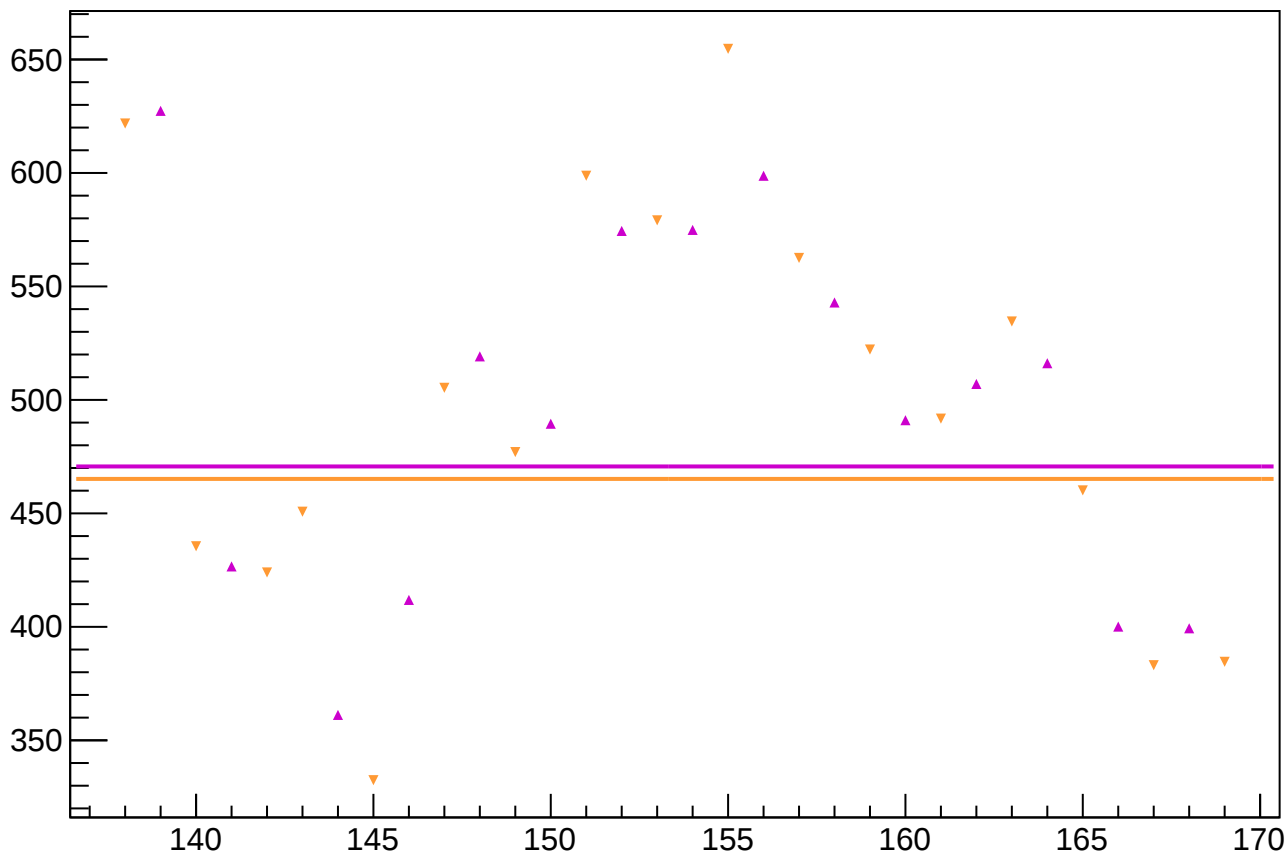
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

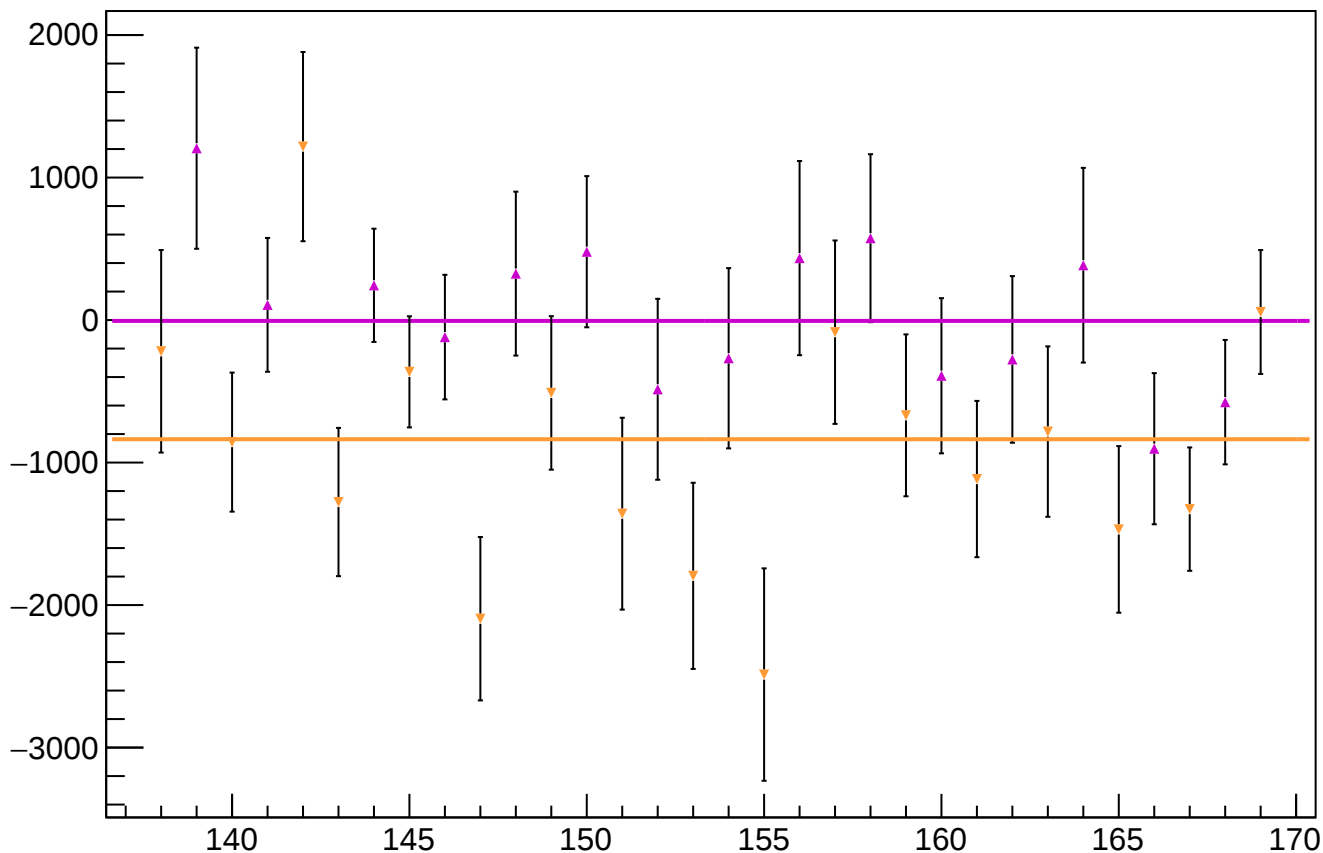
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -836.220+/-132.737 χ^2/NDF :33.8/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.905+/-138.743 χ^2/NDF :12.4/14

Left: -439.424+/-95.912 χ^2/NDF : 64.8/31

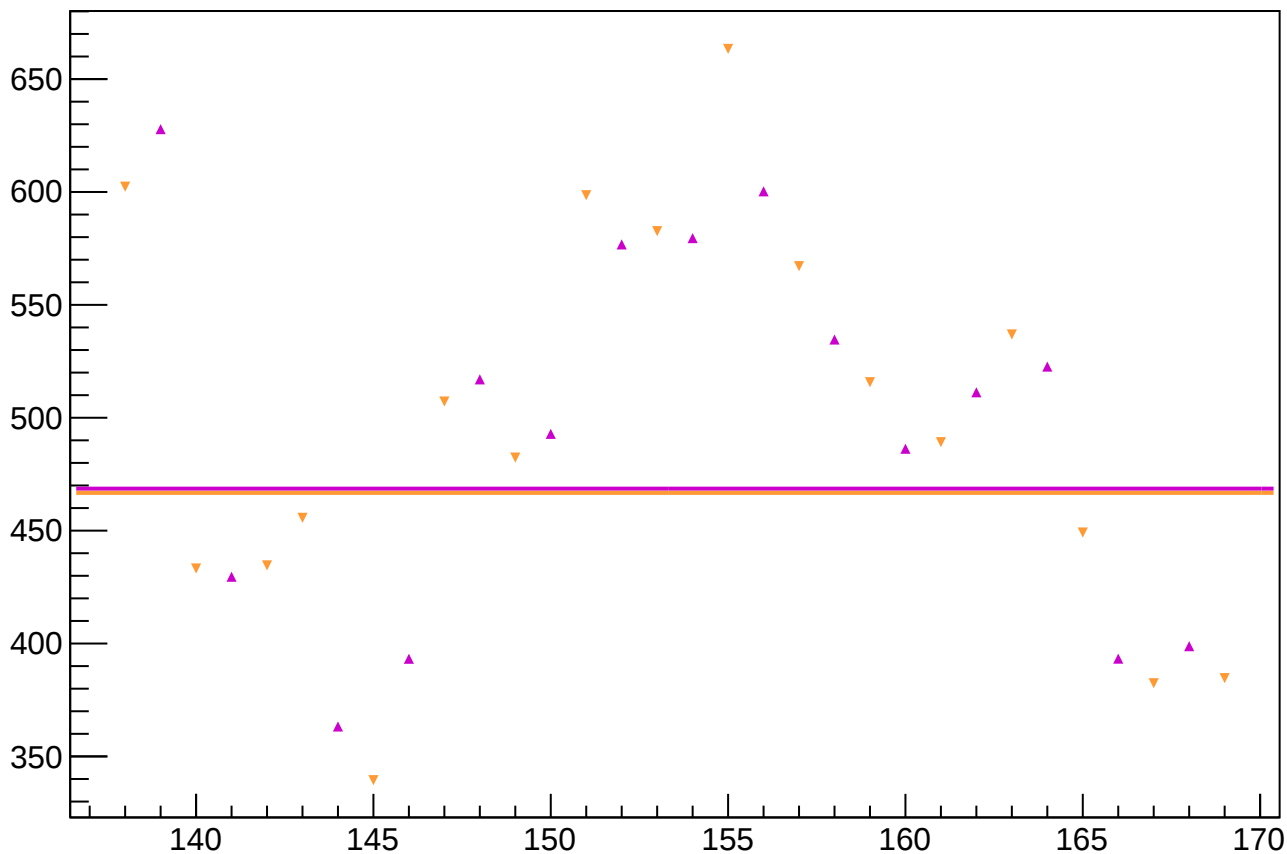
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.905+/-138.743 χ^2/NDF :12.4/14

Out: -836.220+/-132.737 χ^2/NDF :33.8/16

All: -439.424+/-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

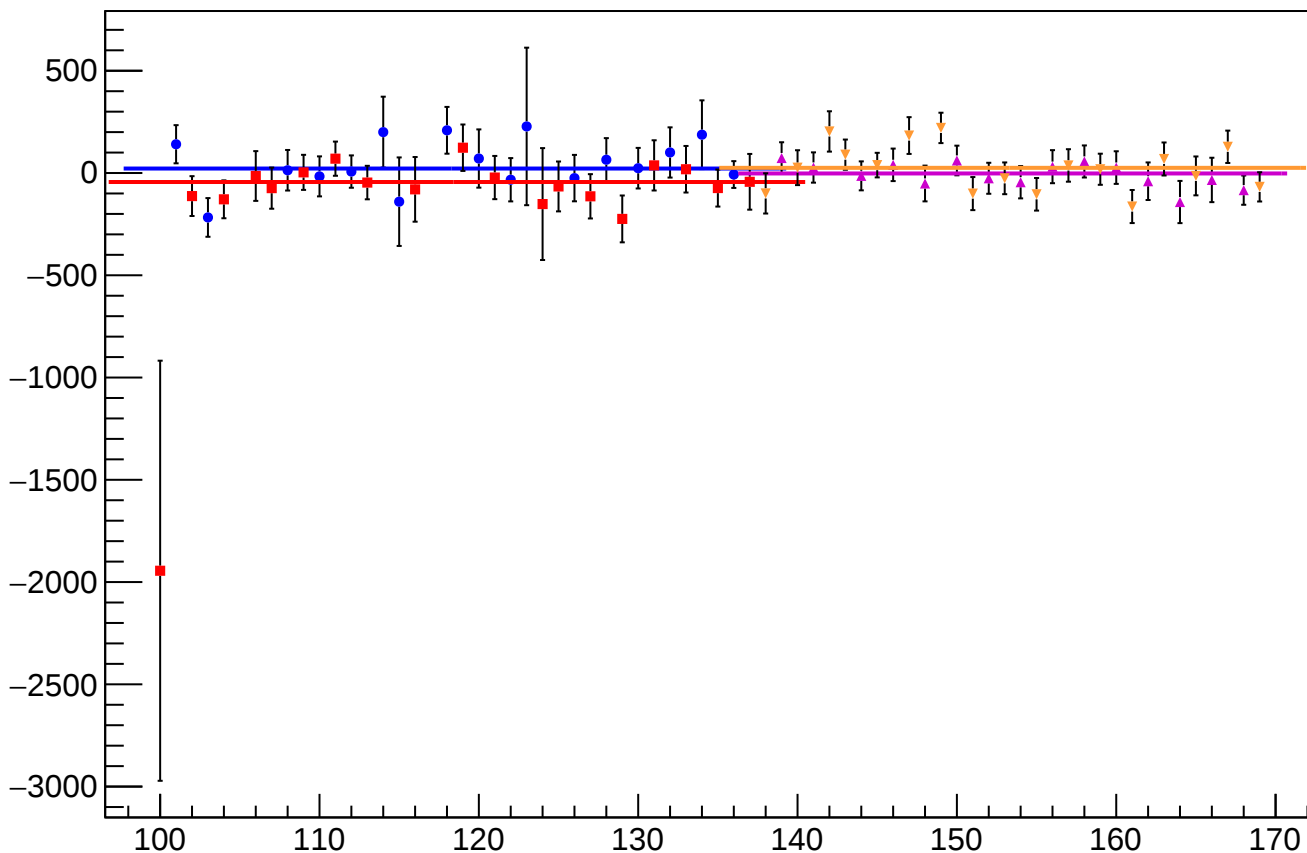
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 25.346 $\pm$ 19.281 χ^2 /NDF:30.5/16

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: -2.179 $\pm$ 20.719 χ^2 /NDF:7.1/14

Left: 12.572 $\pm$ 14.115 χ^2 /NDF: 38.6/31

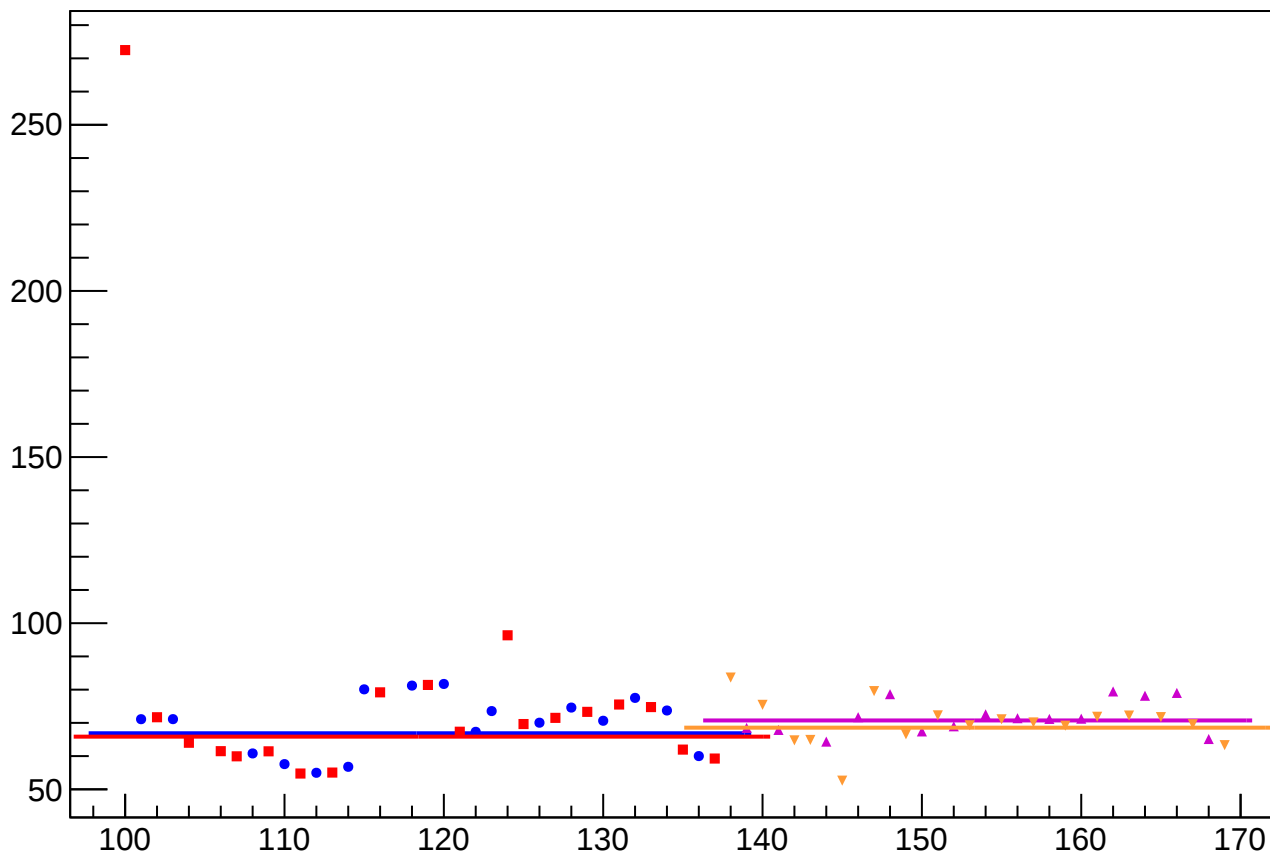
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 7.152 $\pm$ 16.217 χ^2 /NDF:22.7/31

Out: -0.360 $\pm$ 15.292 χ^2 /NDF:48.6/35

All: 3.176 $\pm$ 11.126 χ^2 /NDF: 71.5/67

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: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

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

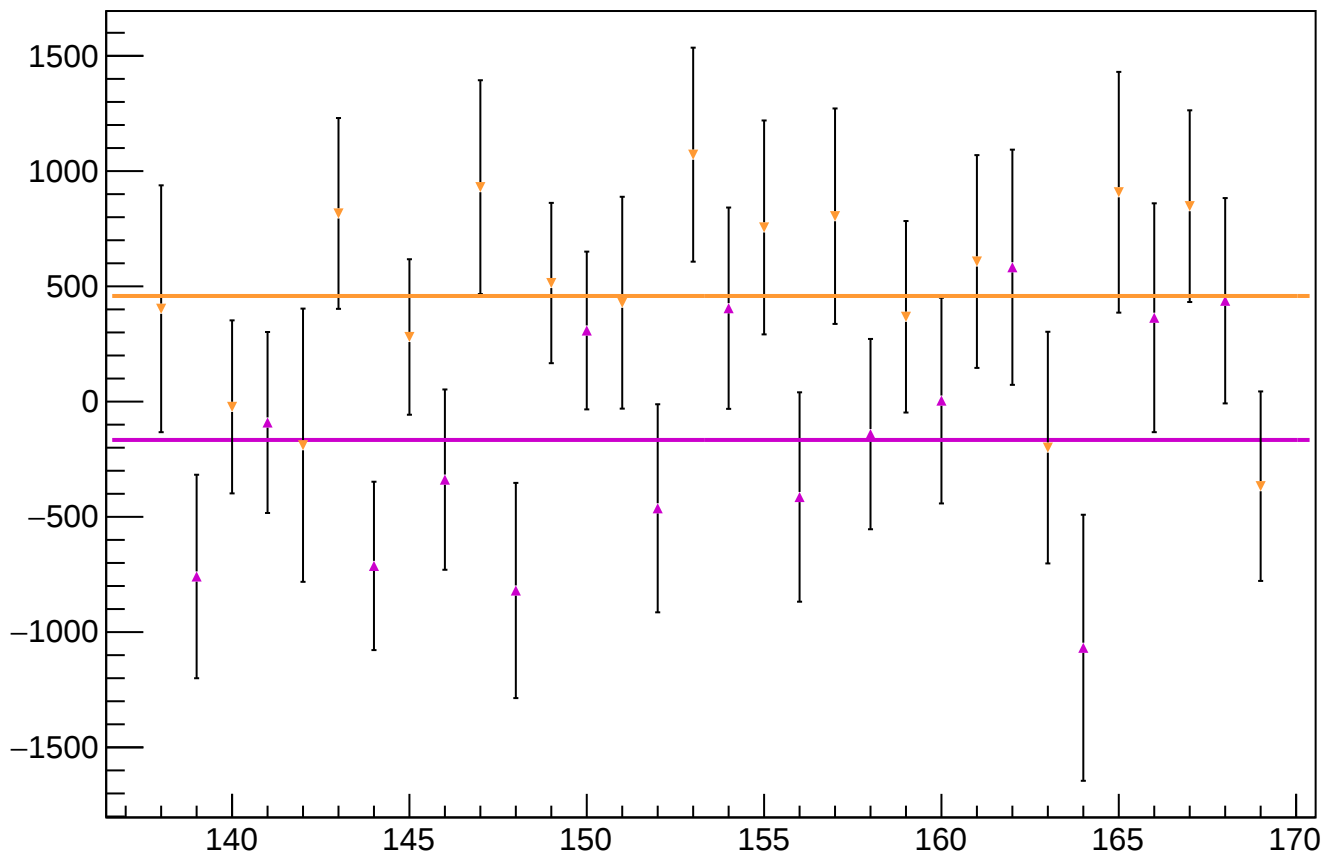
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 69.235 $\pm$ 0.011 χ^2/NDF : 325790.6/31

Out: 67.555 $\pm$ 0.011 χ^2/NDF : 582901.8/35

All: 68.346 $\pm$ 0.008 χ^2/NDF : 920065.2/67

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

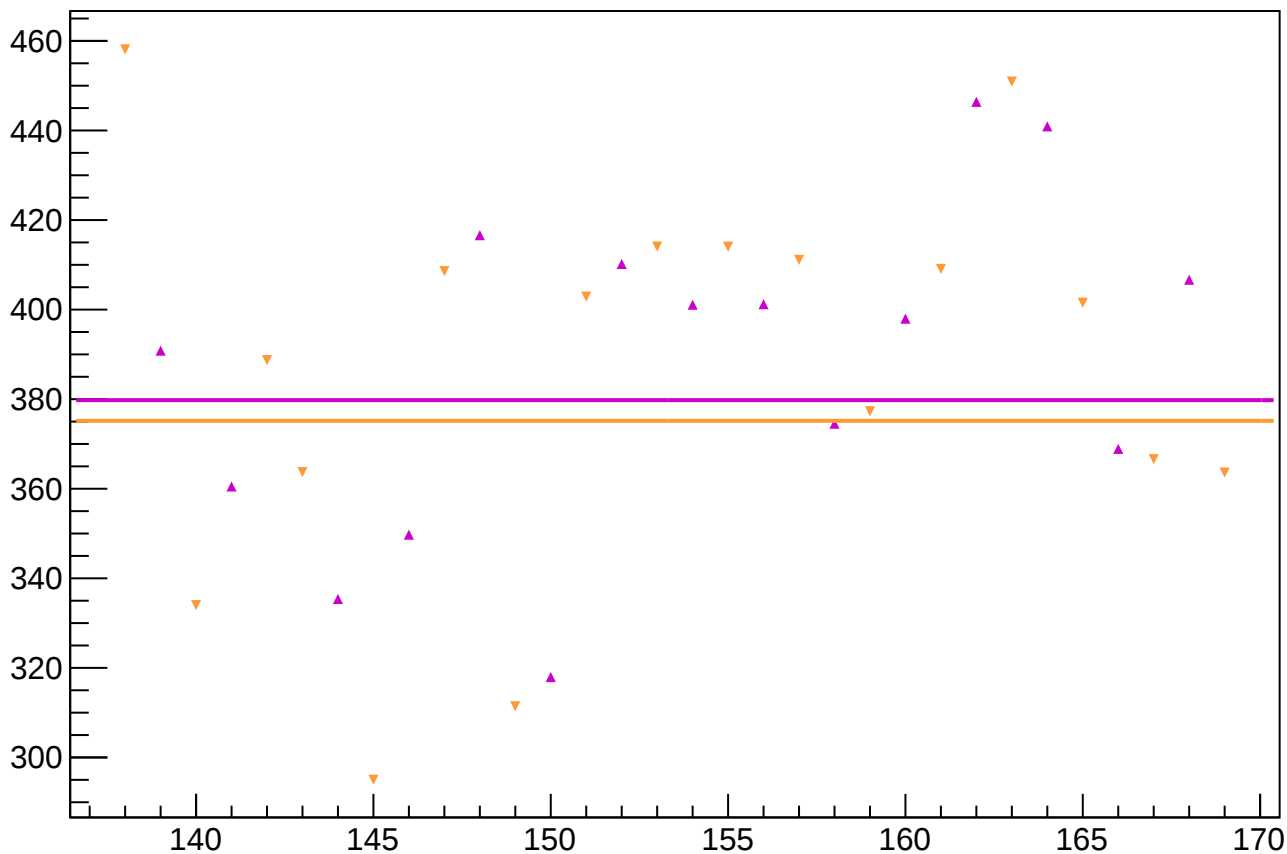
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

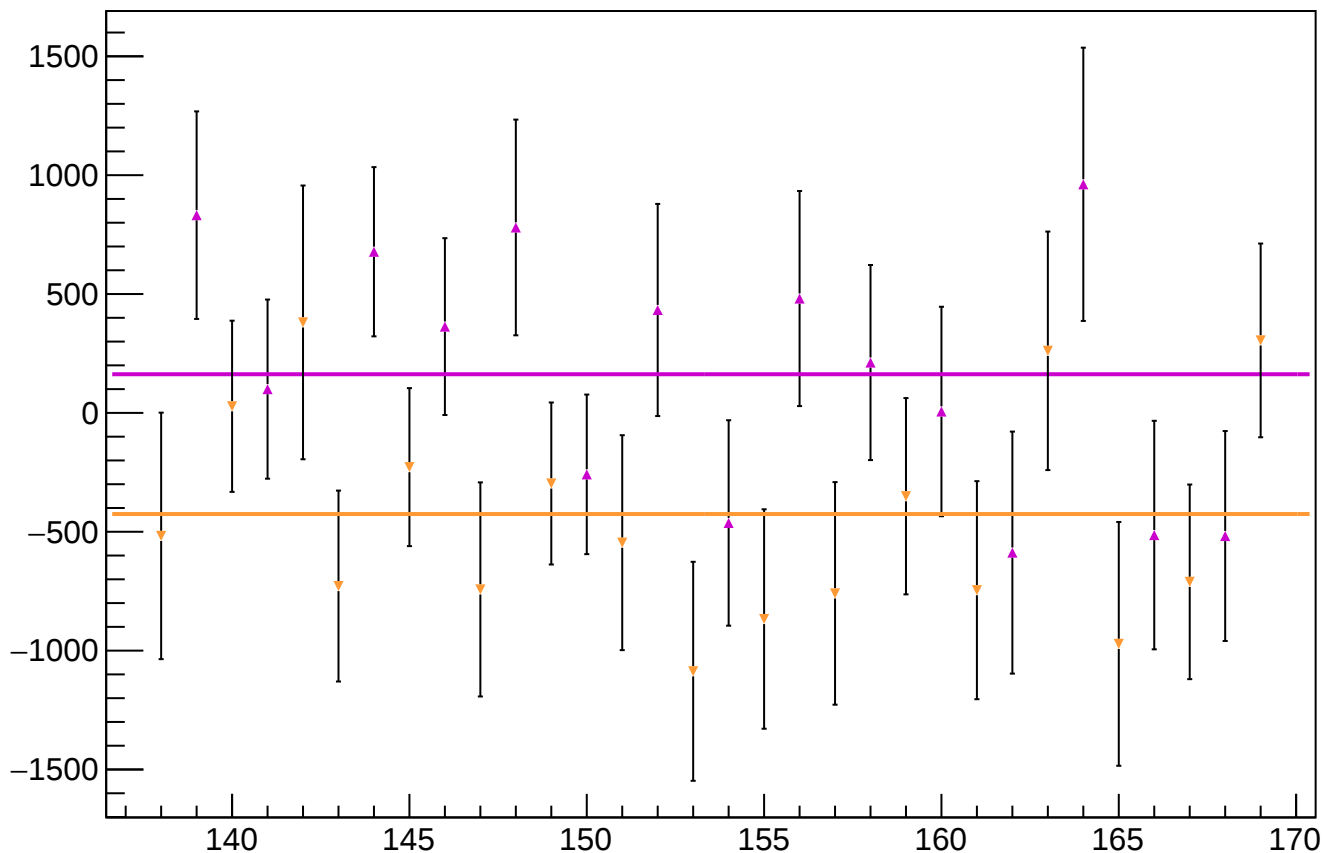
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

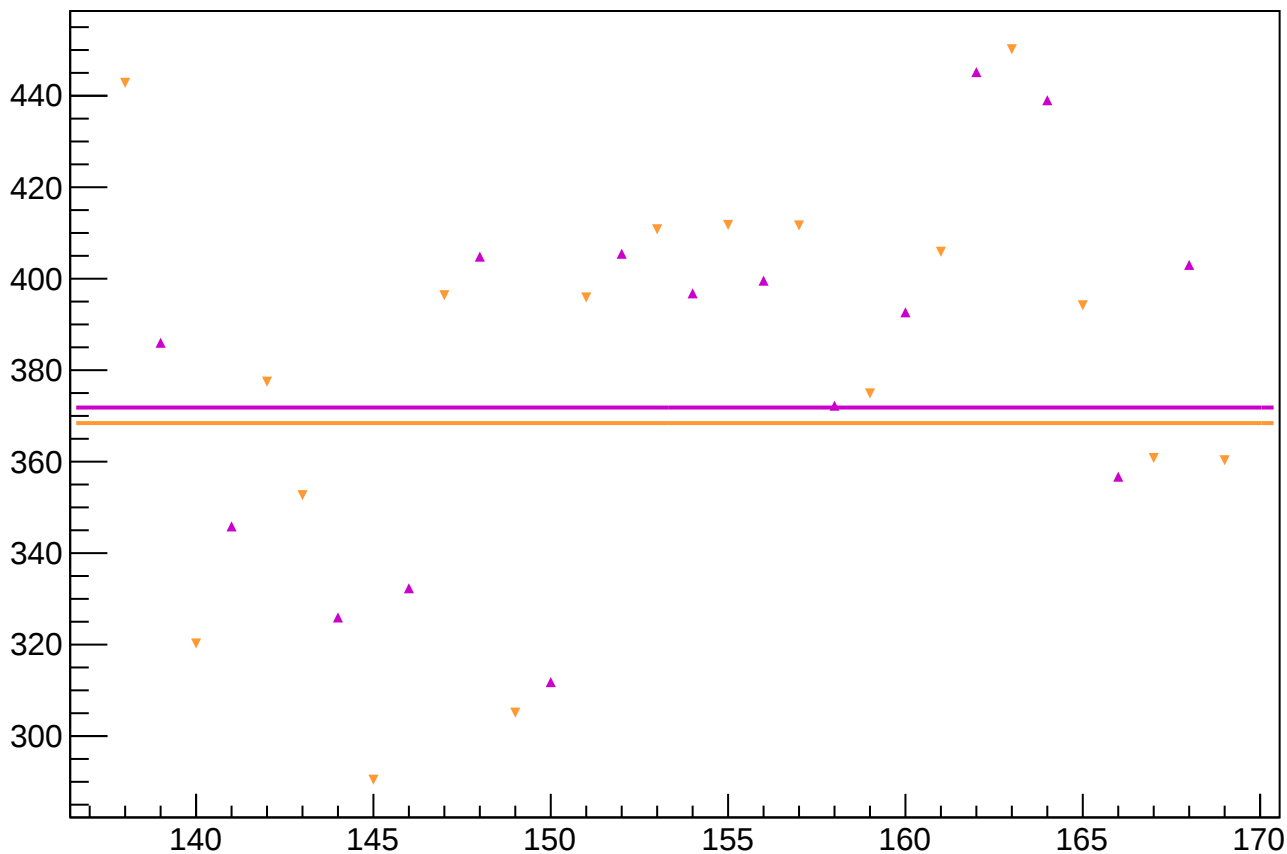
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

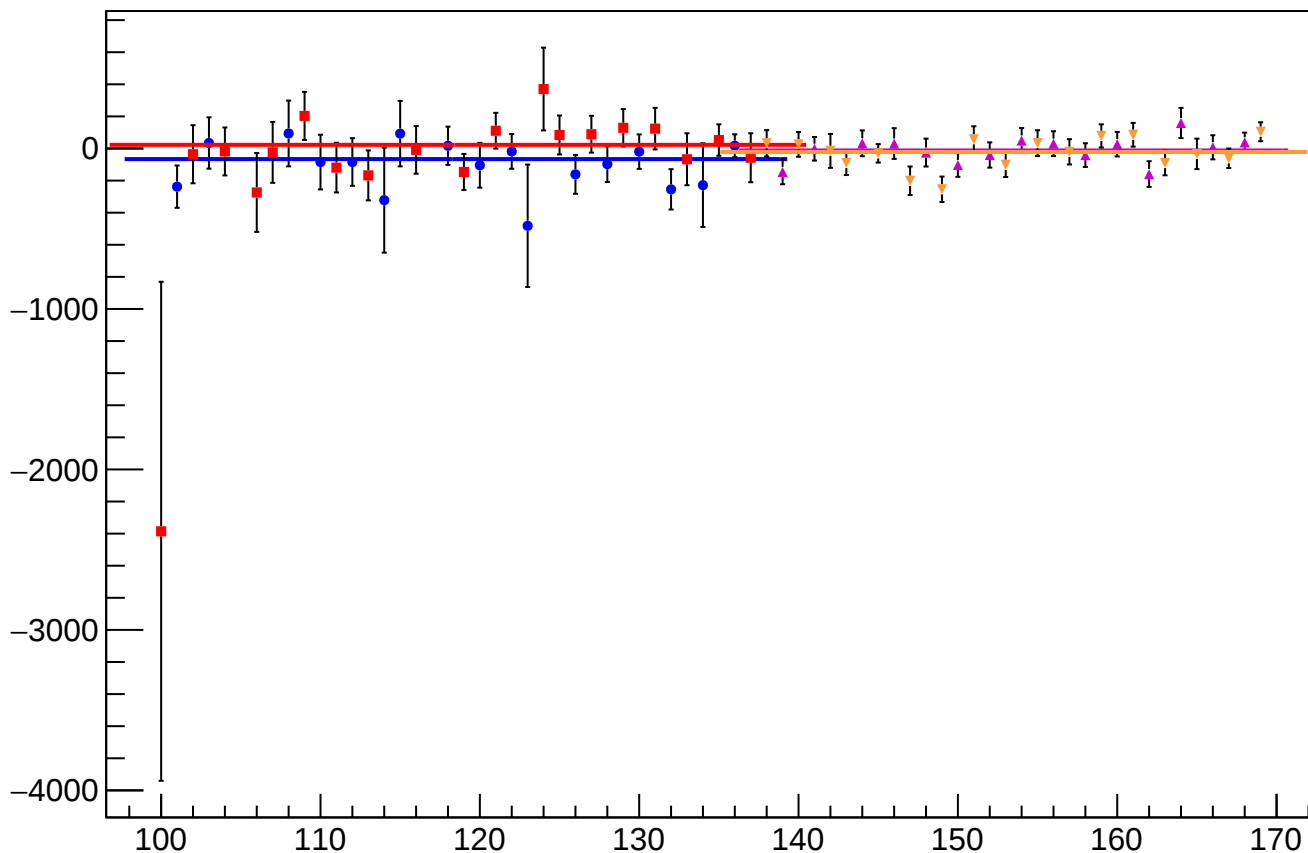
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 10.8/16

Left Out: -21.711 ± 18.185 χ^2/NDF : 26.7/16

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -12.081 ± 19.998 χ^2/NDF : 14.0/14

Left: -17.352 ± 13.454 χ^2/NDF : 40.9/31

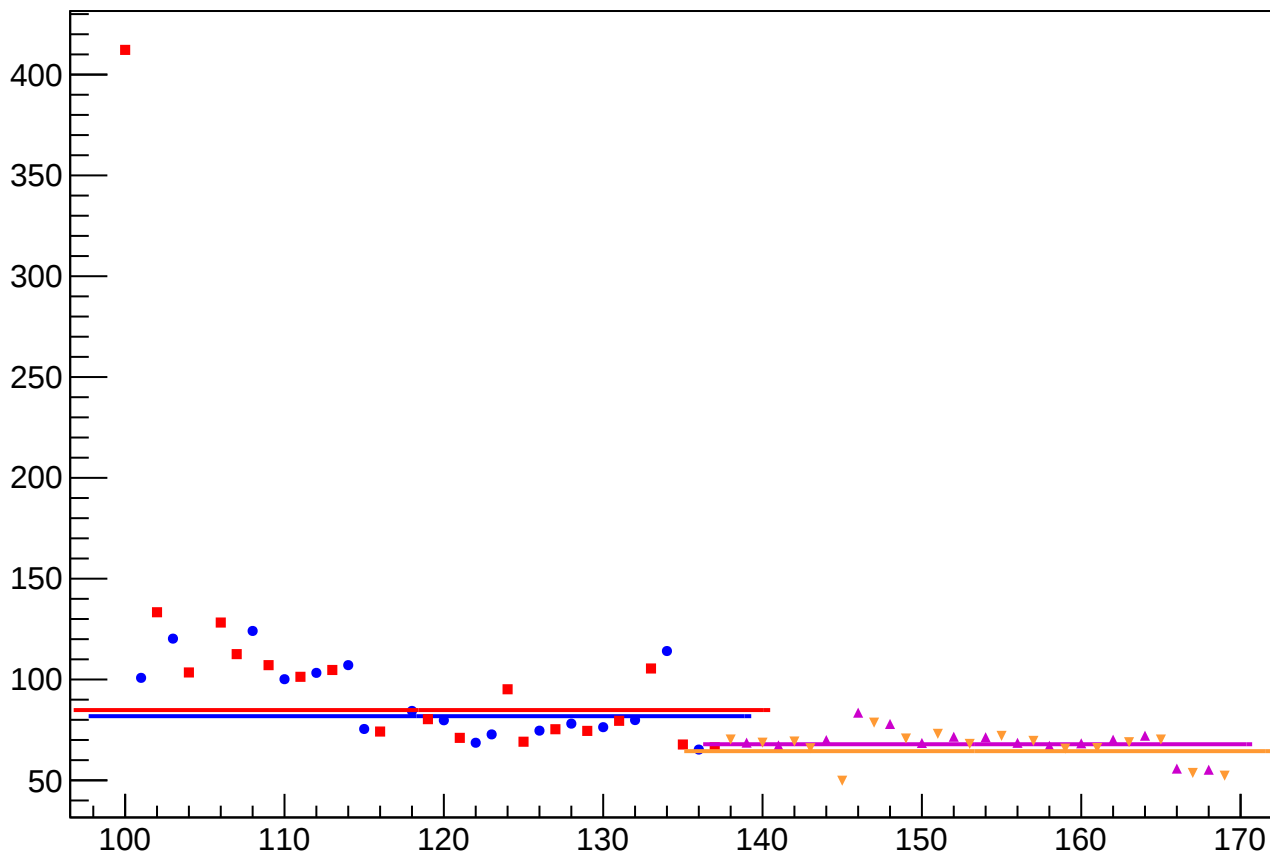
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -27.023 ± 17.001 χ^2/NDF : 26.8/31

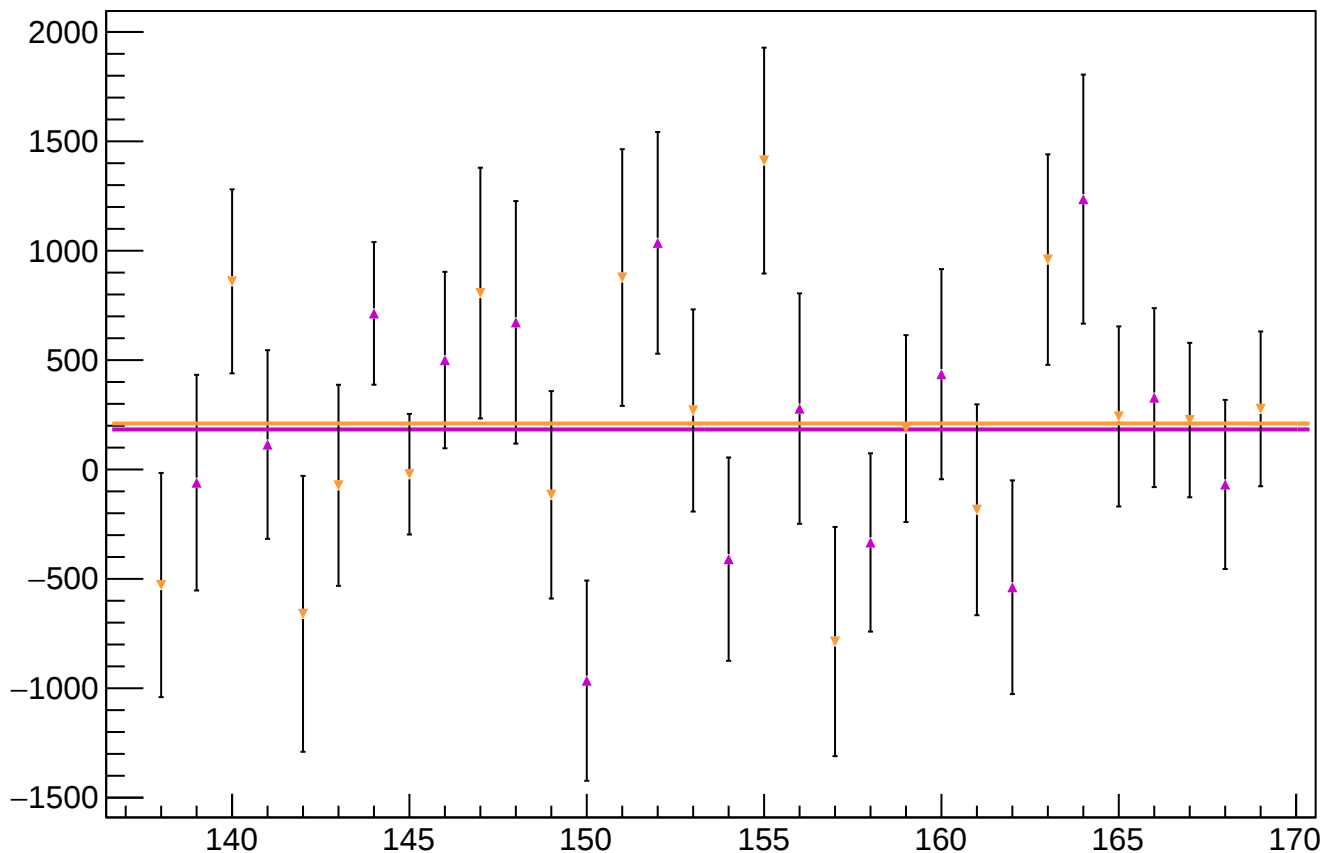
Out: -11.212 ± 15.902 χ^2/NDF : 43.5/35

All: -18.590 ± 11.614 χ^2/NDF : 70.7/67

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

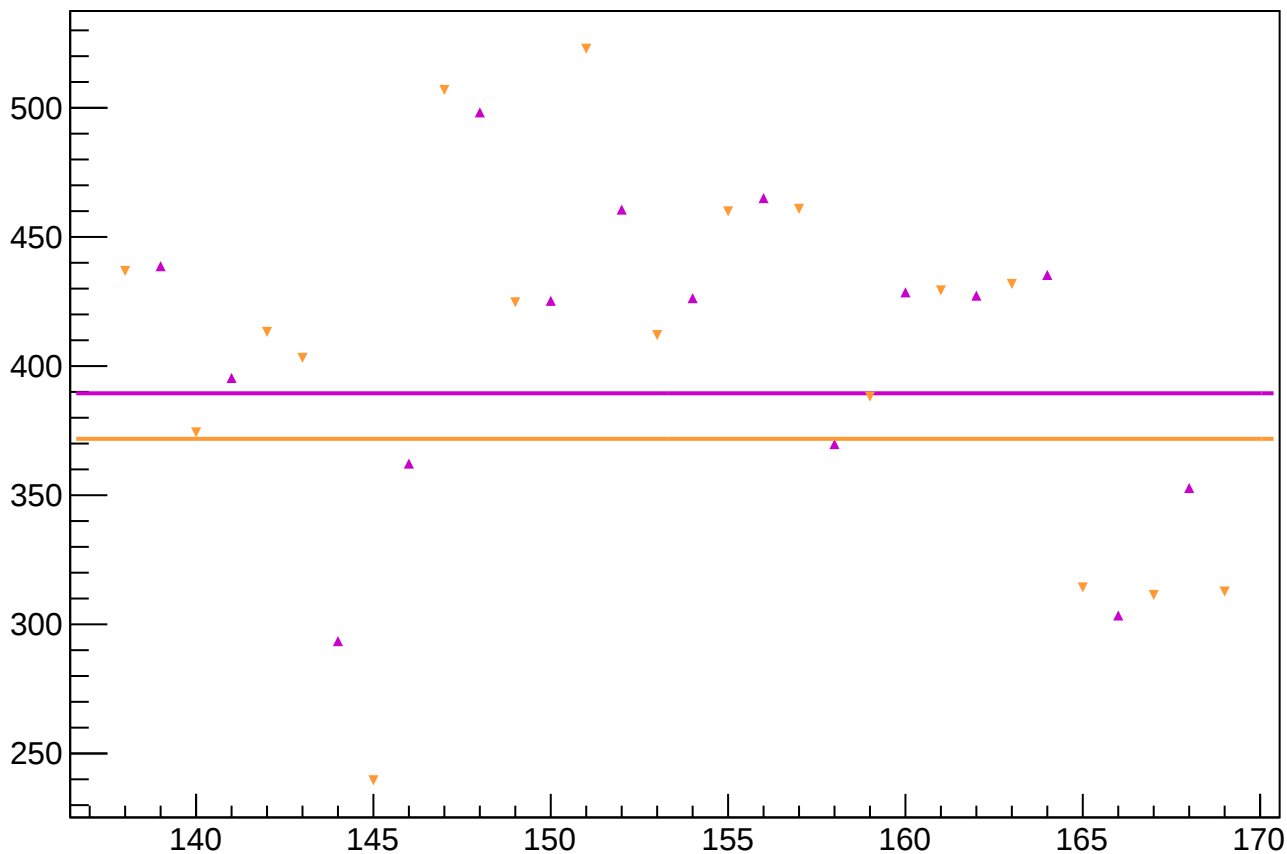
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

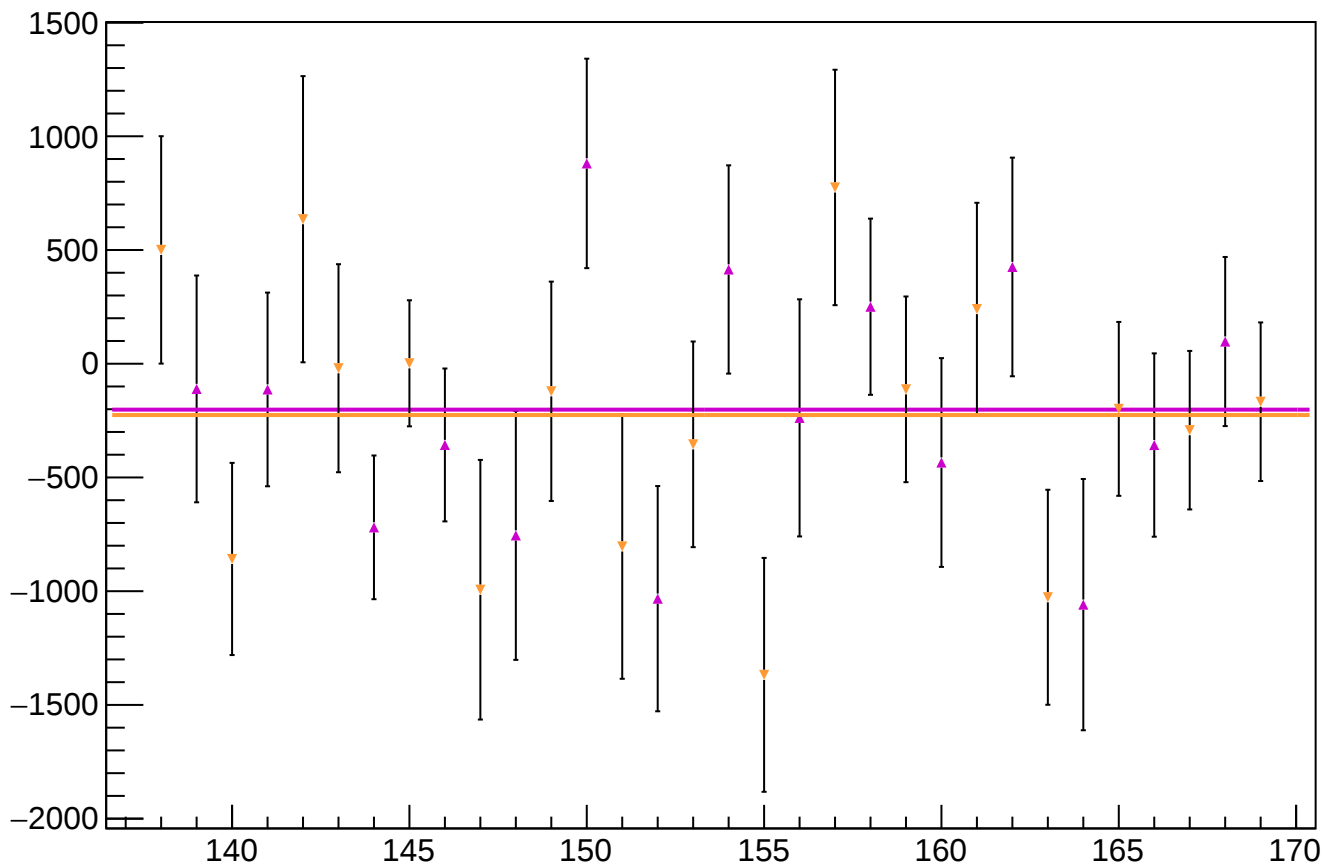
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

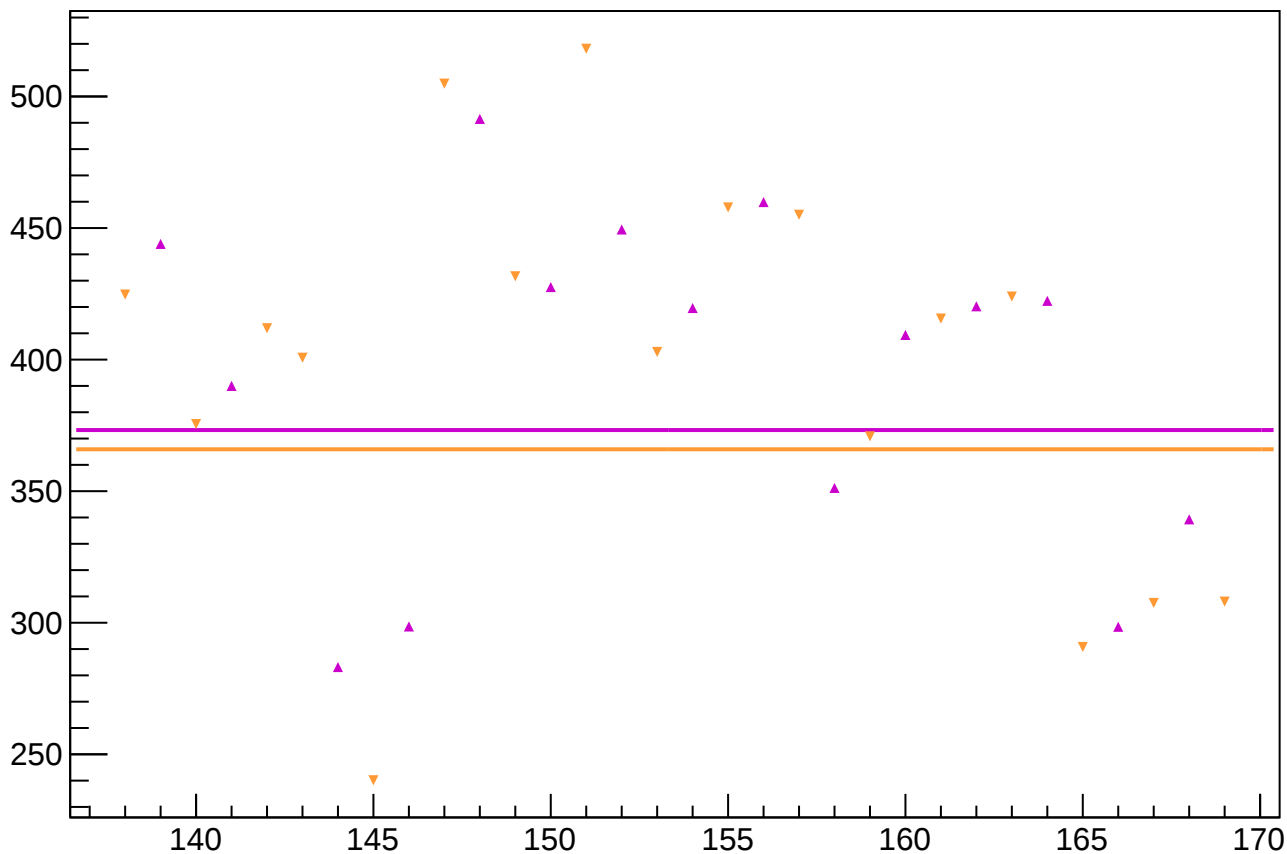
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

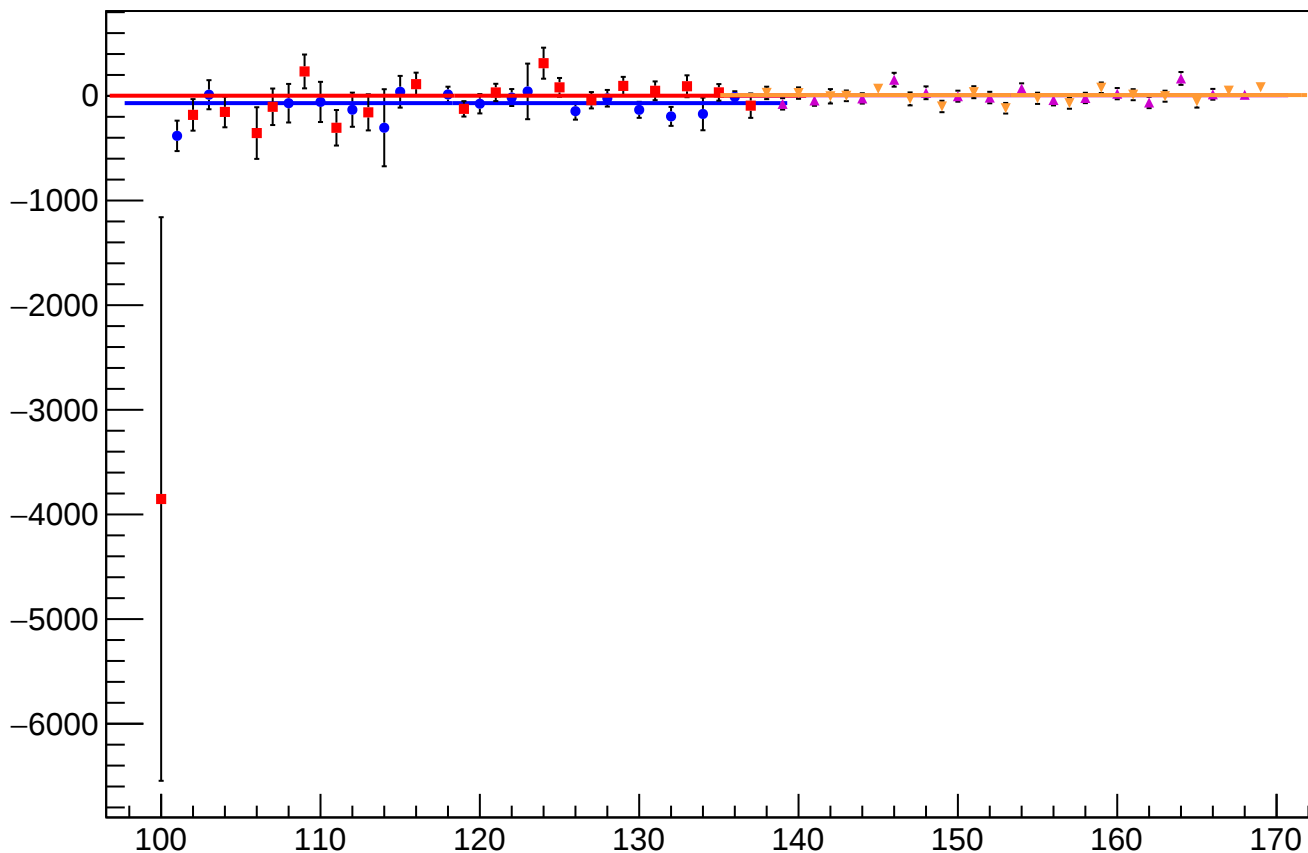
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 5.839 ± 13.604 χ^2/NDF : 20.2/14

Left: 6.872 ± 9.189 χ^2/NDF : 43.5/31

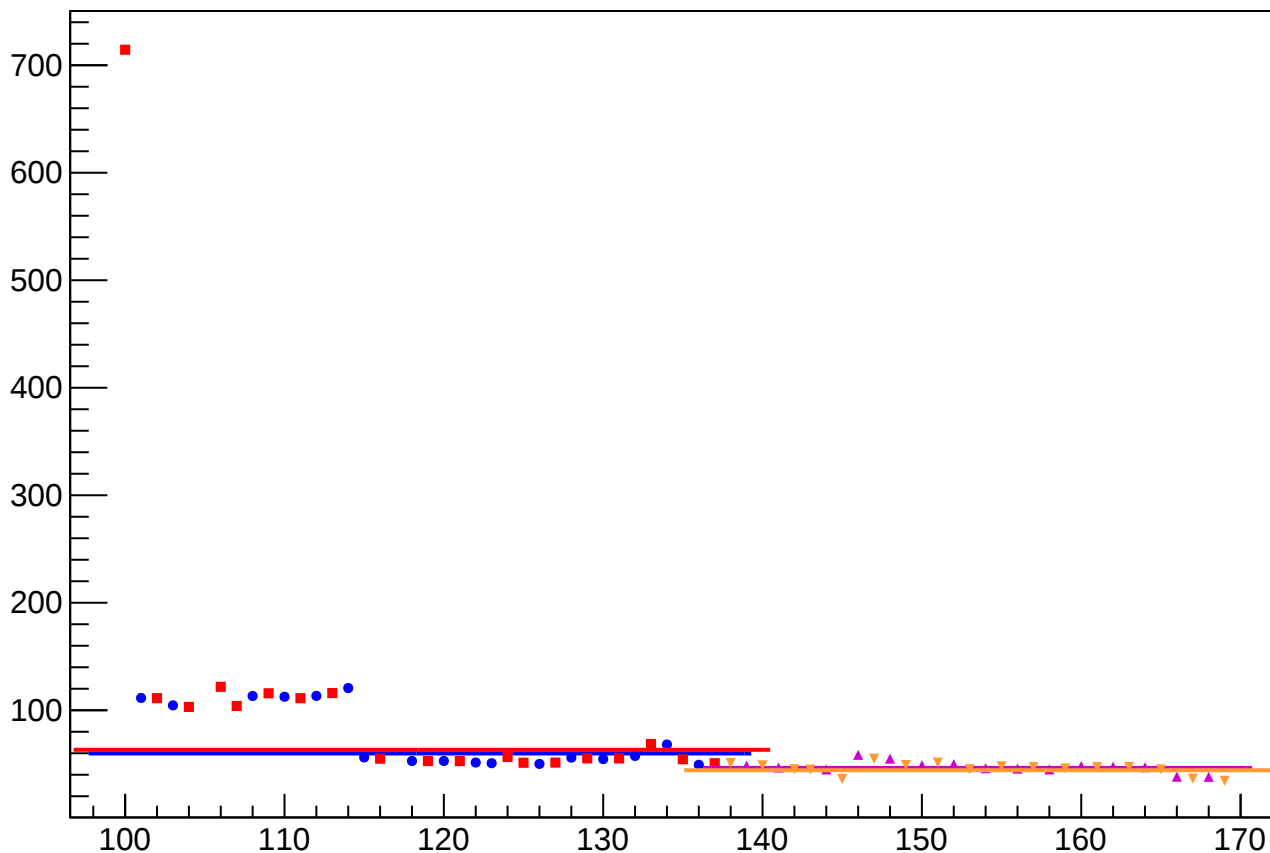
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -12.109 ± 11.866 χ^2/NDF : 41.0/31

Out: 6.560 ± 11.169 χ^2/NDF : 49.2/35

All: -2.210 ± 8.133 χ^2/NDF : 91.5/67

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 44.226+/-0.009 χ^2/NDF : 452310.1/16

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 46.345+/-0.010 χ^2/NDF : 258102.1/14

Left: 45.193+/-0.006 χ^2/NDF : 736781.9/31

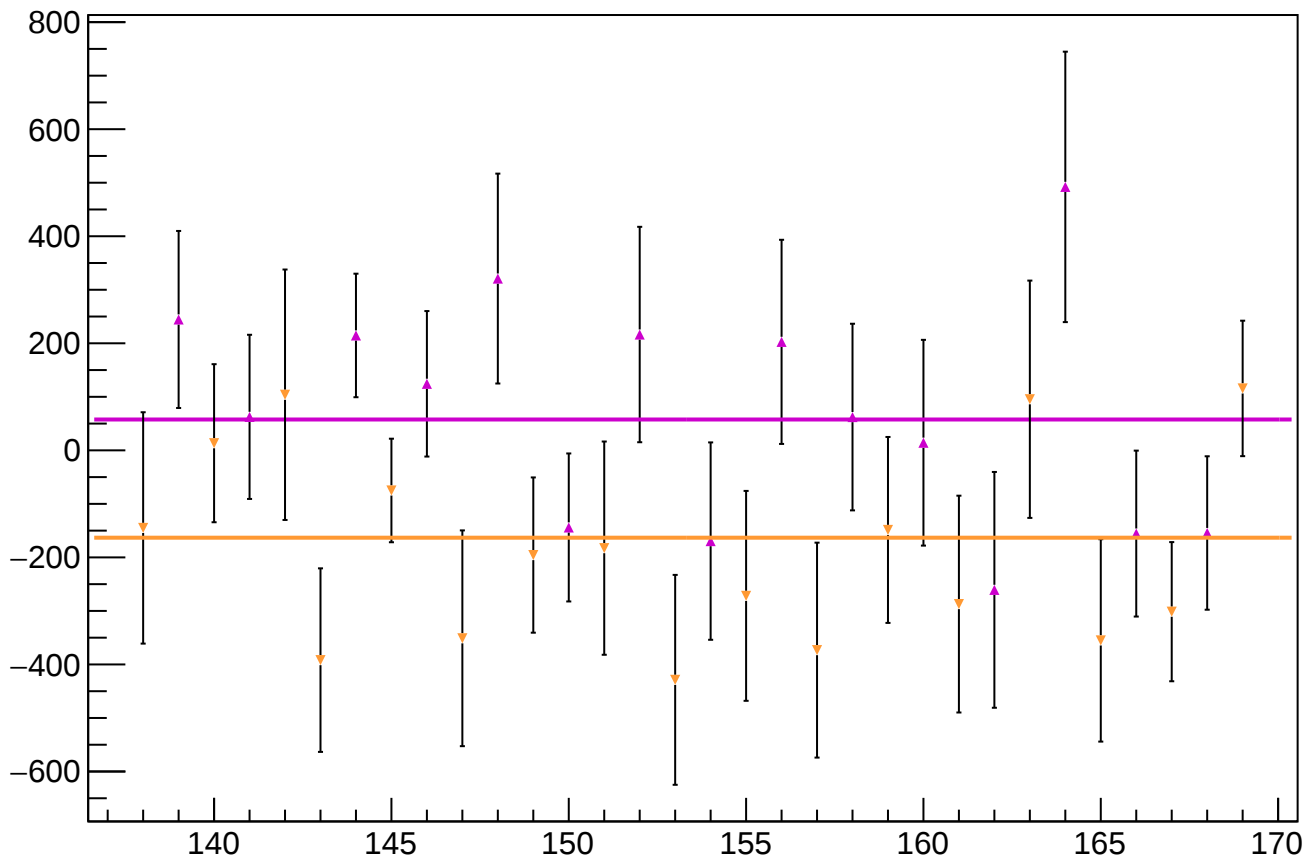
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 49.566+/-0.008 χ^2/NDF : 1956721.7/31

Out: 47.962+/-0.008 χ^2/NDF : 2870571.5/35

All: 48.716+/-0.006 χ^2/NDF : 4846655.3/67

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

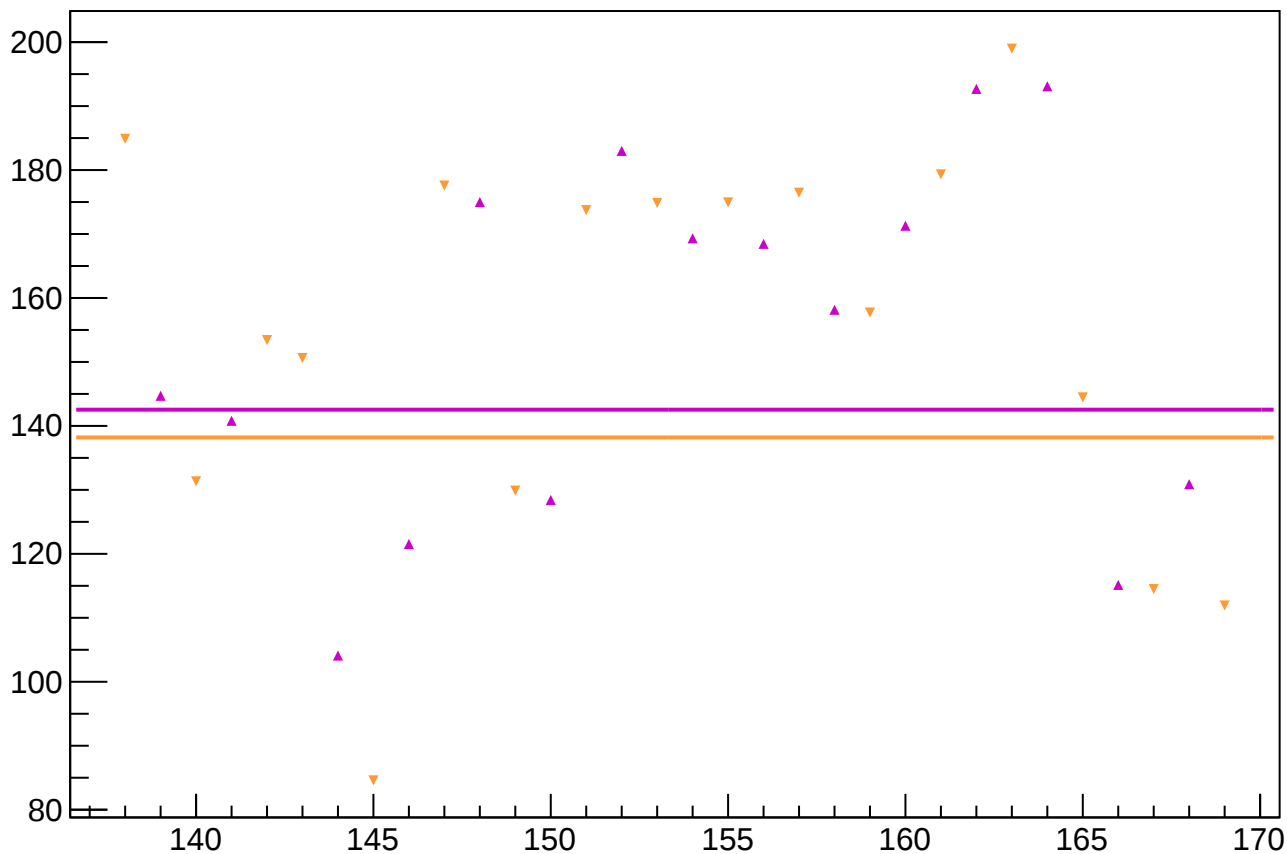
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

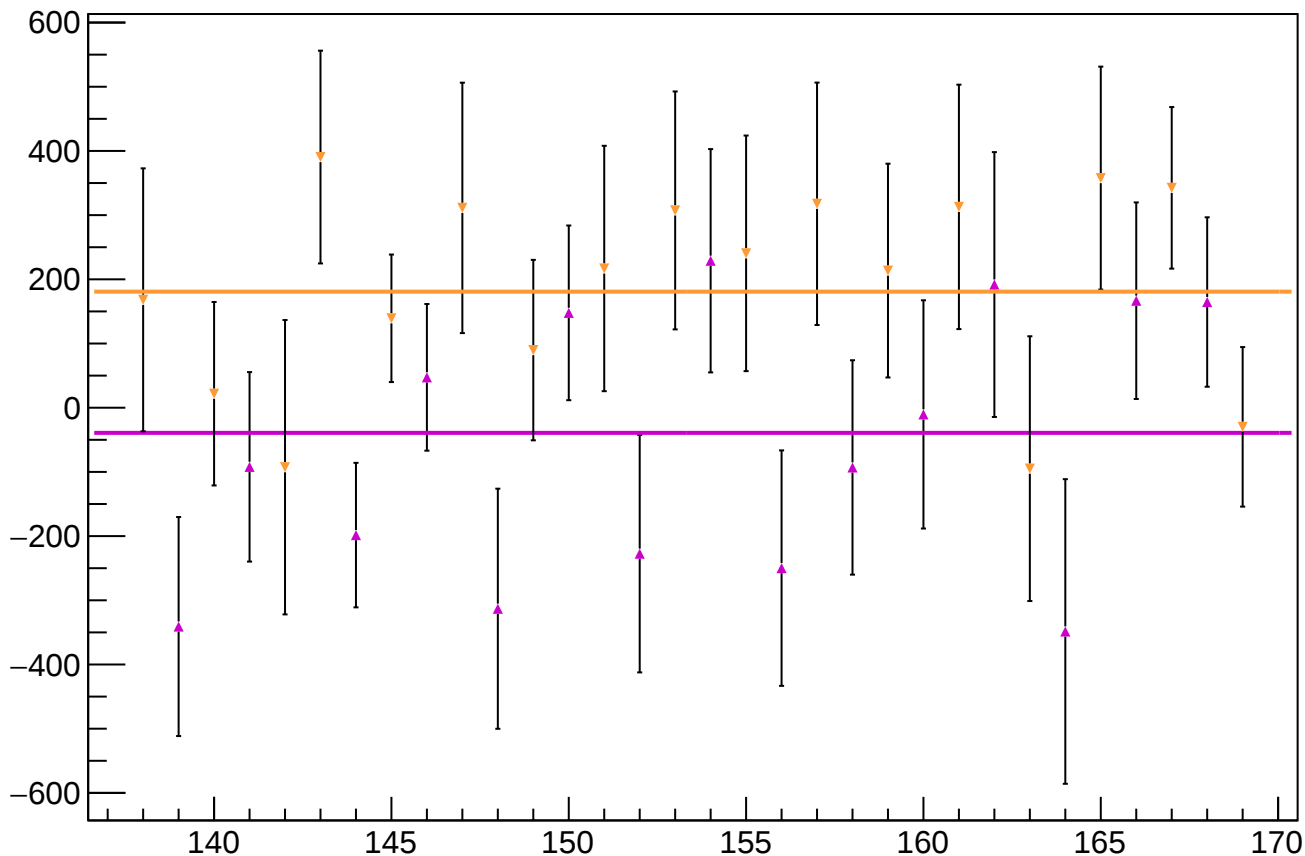
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 180.826+/-38.662 χ^2/NDF :14.3/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.152+/-40.183 χ^2/NDF :21.9/14

Left: 75.078+/-27.860 χ^2/NDF : 51.7/31

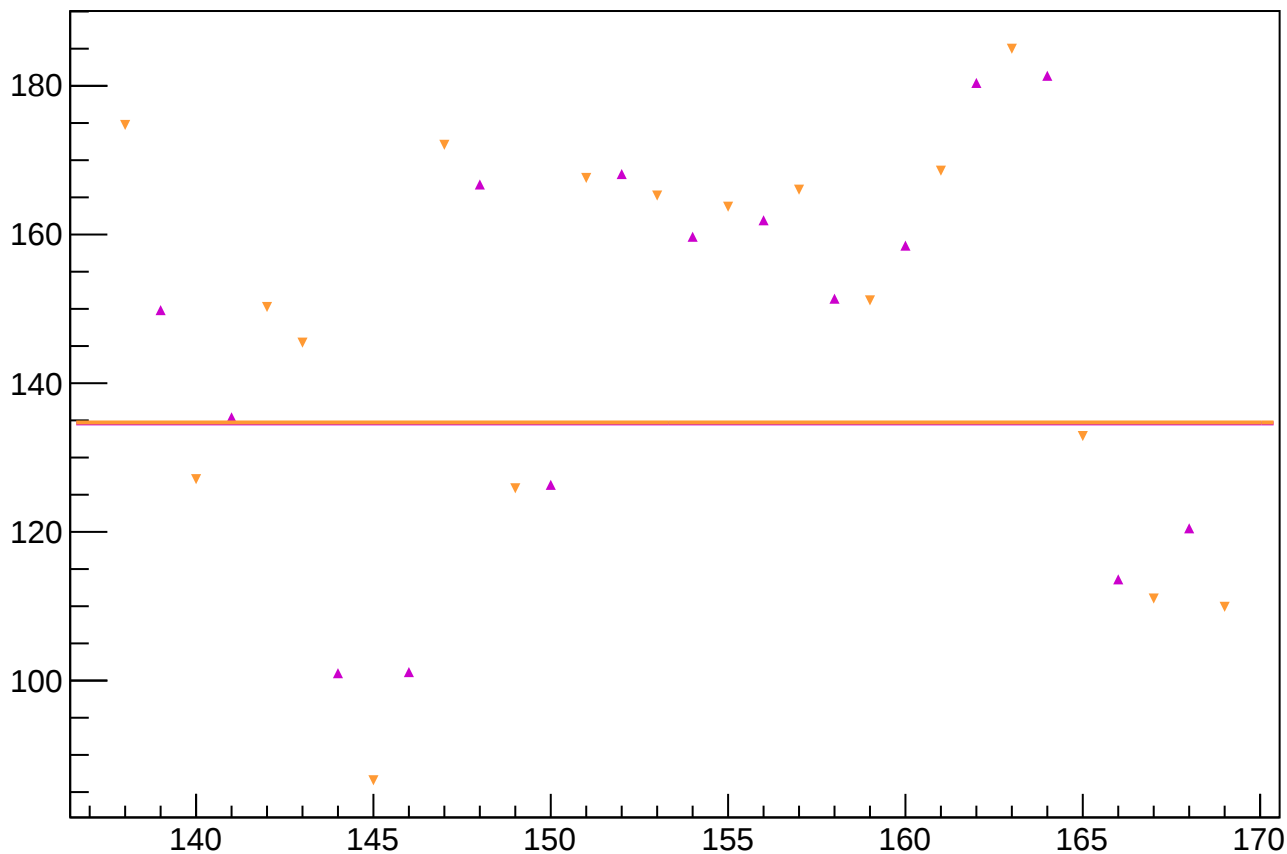
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.152+/-40.183 χ^2/NDF :21.9/14

Out: 180.826+/-38.662 χ^2/NDF :14.3/16

All: 75.078+/-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

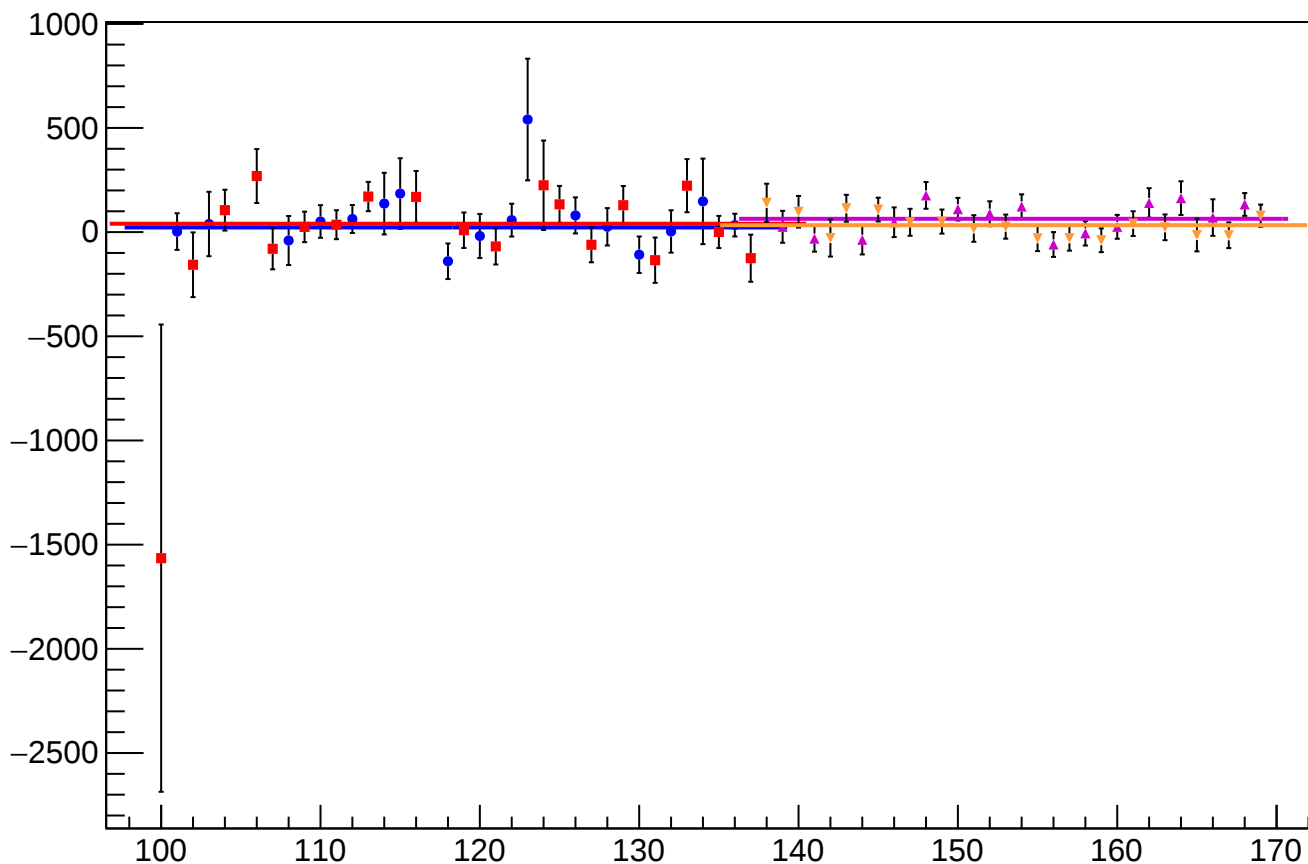
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-22.625 χ^2/NDF : 12.6/16

Left Out: 33.189+/-15.389 χ^2/NDF : 11.6/16

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: 63.853+/-16.498 χ^2/NDF : 20.0/14

Left: 47.455+/-11.253 χ^2/NDF : 33.5/31

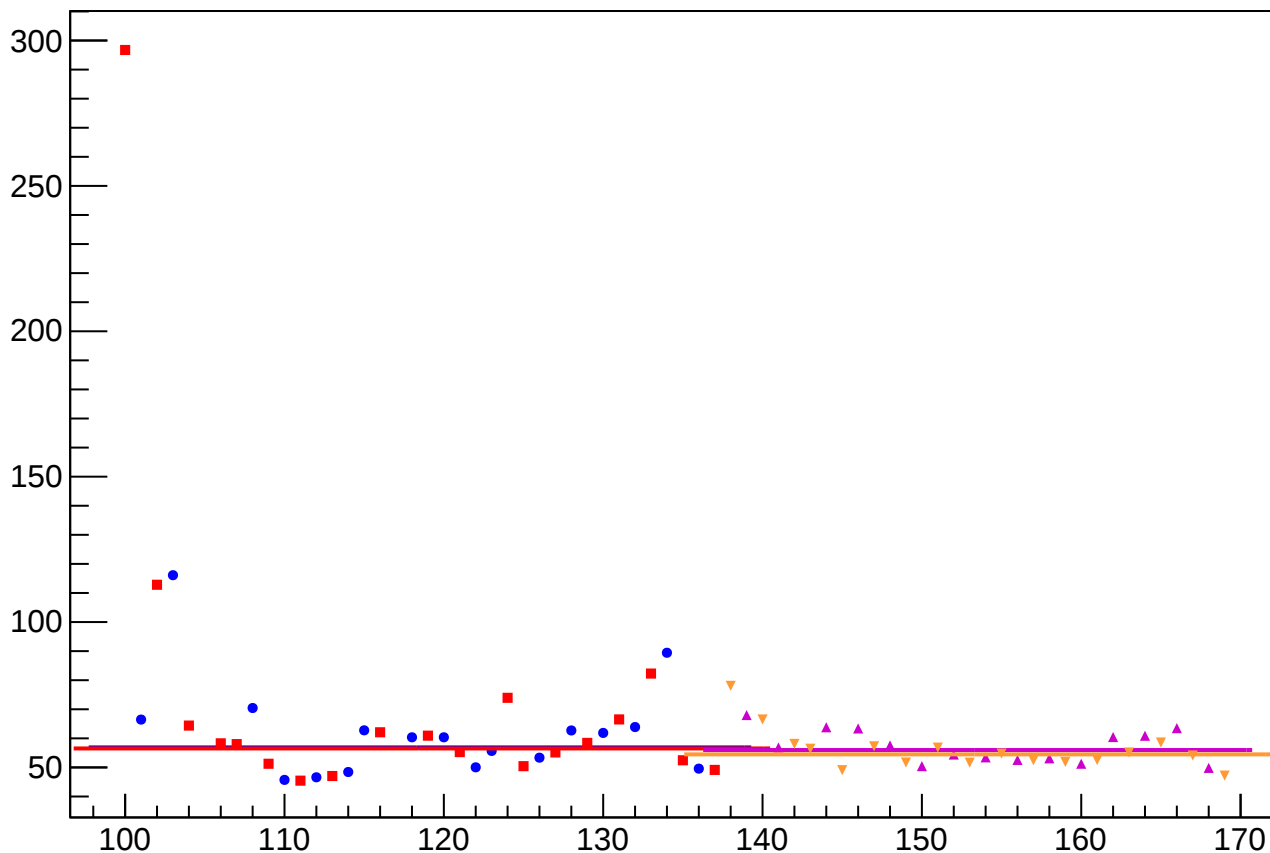
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 49.449+/-13.331 χ^2/NDF : 34.8/31

Out: 35.488+/-12.635 χ^2/NDF : 37.9/35

All: 42.094+/-9.170 χ^2/NDF : 73.3/67

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: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

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

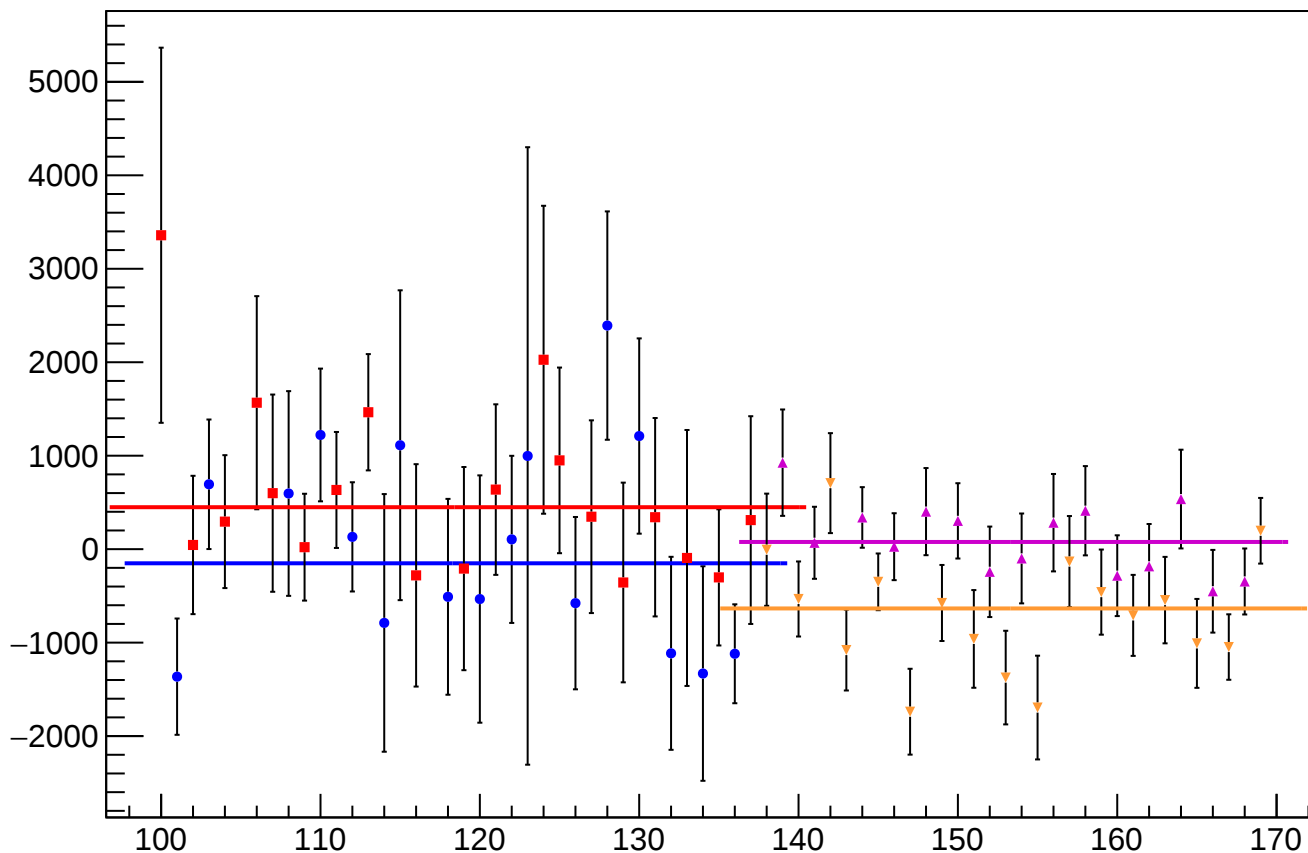
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.296 $\pm$ 0.009 χ^2 /NDF: 780572.9/31

Out: 55.152 $\pm$ 0.009 χ^2 /NDF: 895924.7/35

All: 55.694 $\pm$ 0.006 χ^2 /NDF: 1684254.6/67

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -634.298 $\pm$ 105.370 χ^2 /NDF:30.3/16

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 76.999 $\pm$ 110.761 χ^2 /NDF:9.6/14

Left: -296.378 $\pm$ 76.343 χ^2 /NDF: 61.5/31

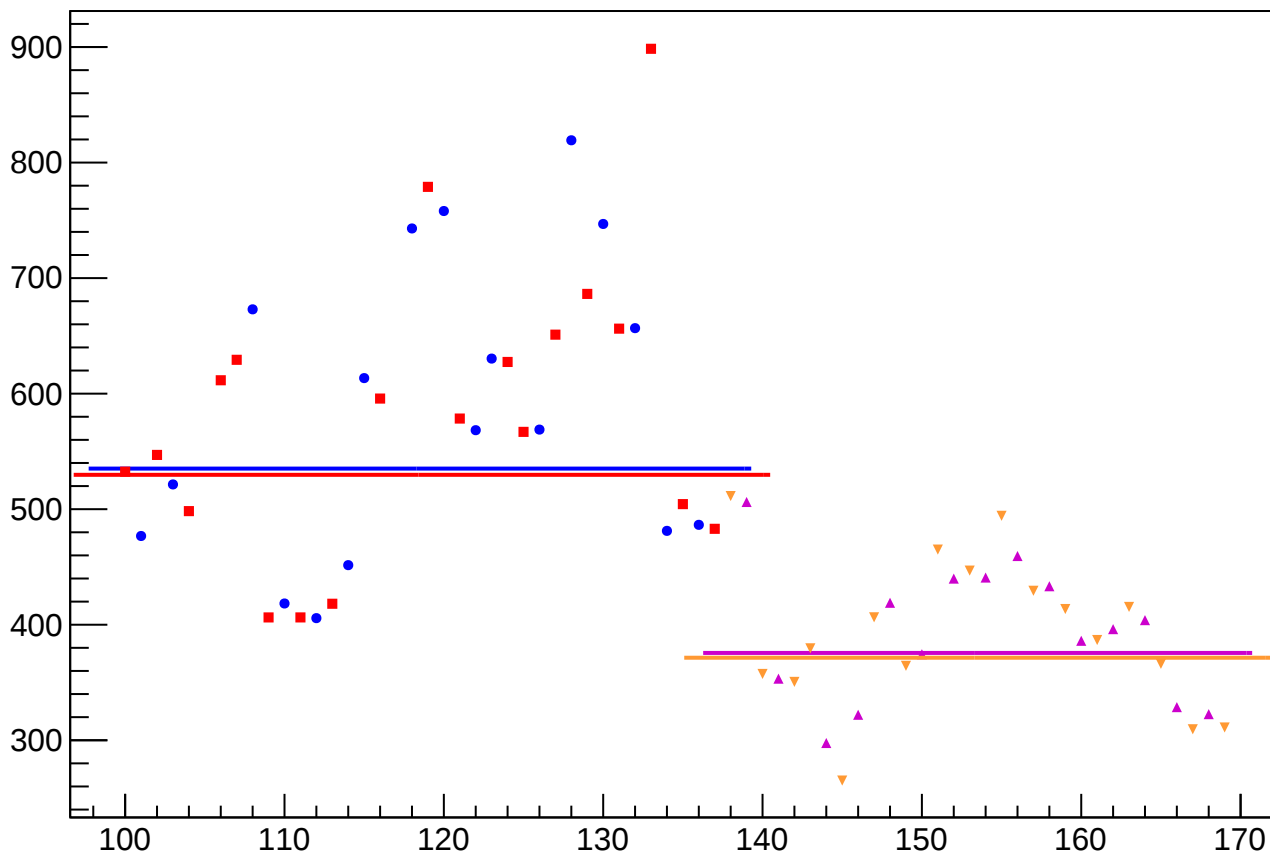
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 28.230 $\pm$ 98.214 χ^2 /NDF:32.9/31

Out: -406.162 $\pm$ 93.619 χ^2 /NDF:63.1/35

All: -199.365 $\pm$ 67.765 χ^2 /NDF: 106.2/67

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: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 375.586+/-0.078 χ^2/NDF : 521599.2/14

Left: 373.407+/-0.054 χ^2/NDF : 1291058.6/31

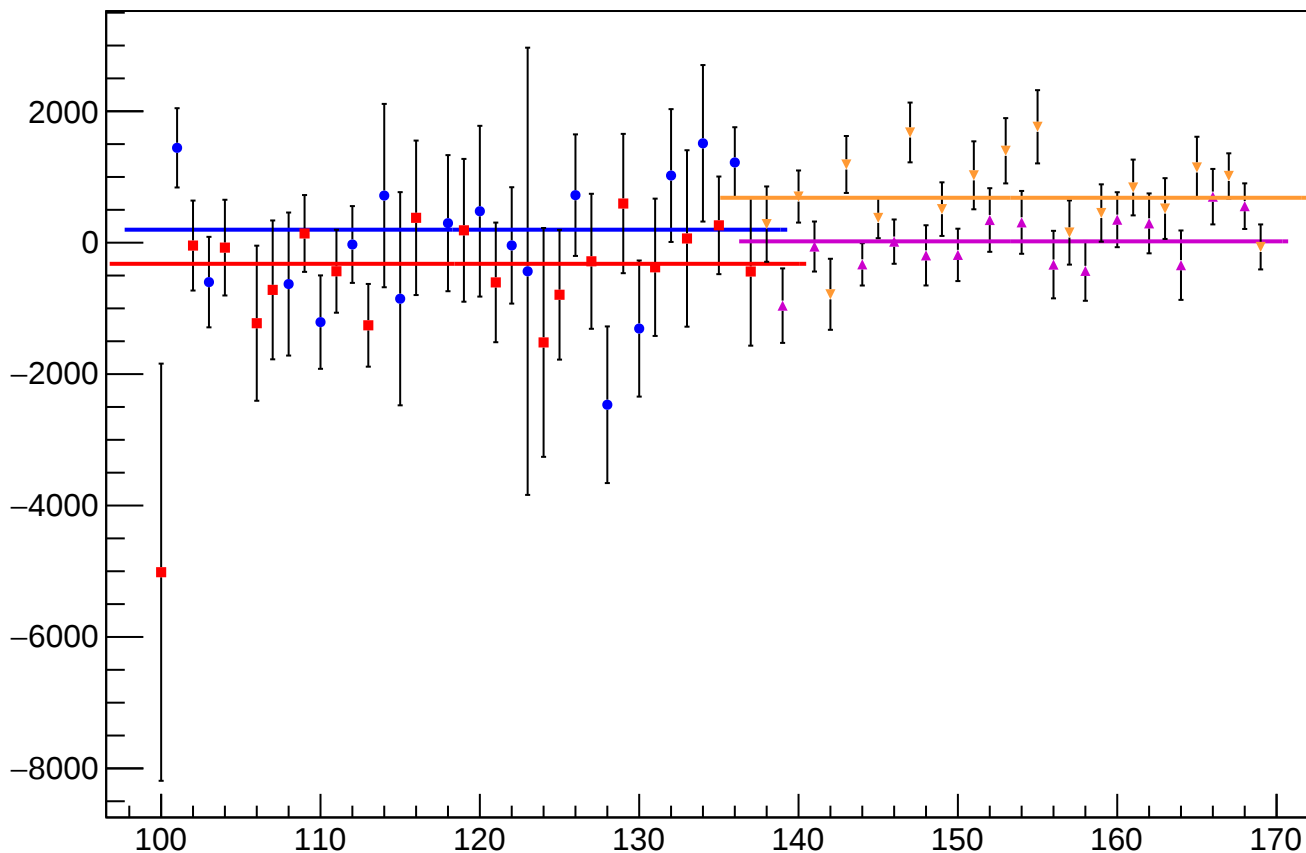
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 409.686+/-0.069 χ^2/NDF : 2004640.9/31

Out: 404.776+/-0.066 χ^2/NDF : 2365552.4/35

All: 407.113+/-0.048 χ^2/NDF : 4372811.7/67

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: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

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

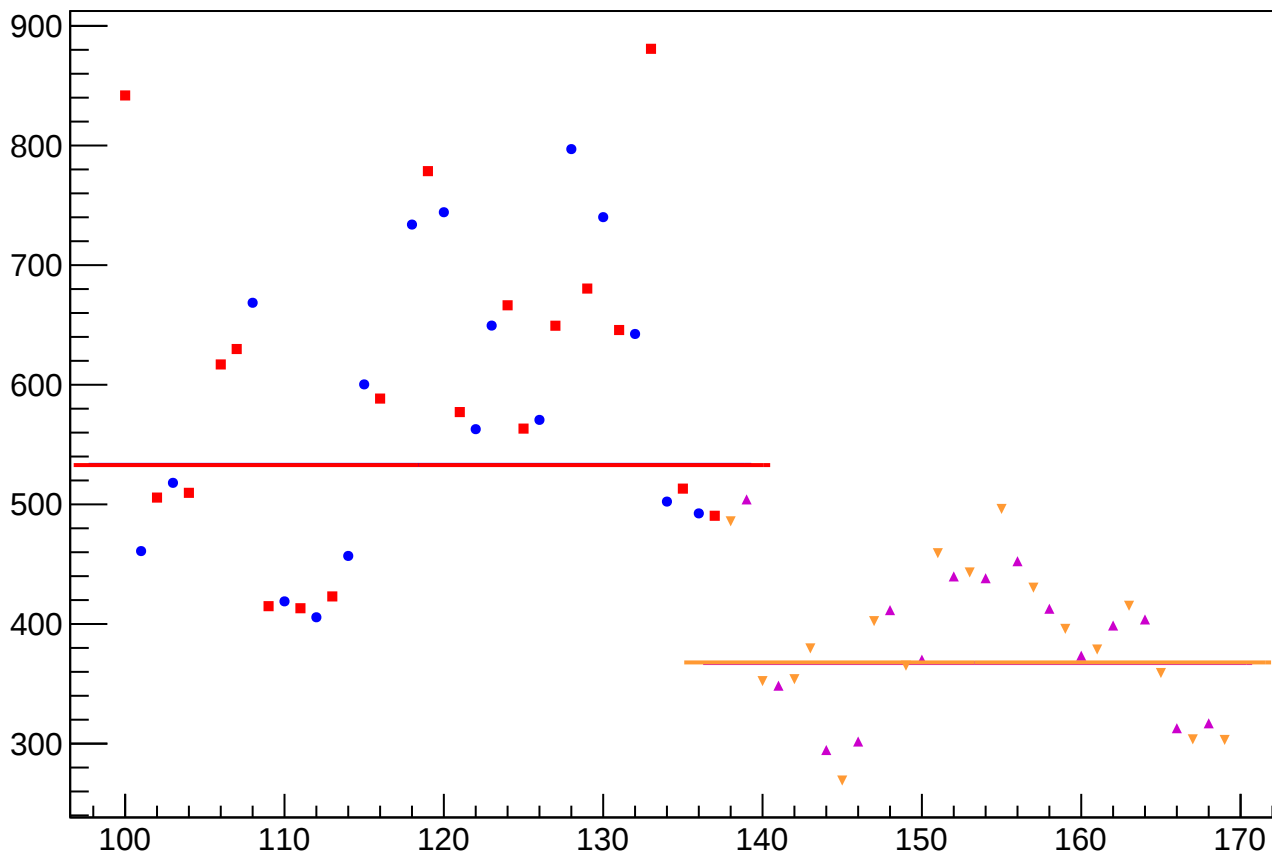
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 57.151 $\pm$ 96.599 χ^2 /NDF:37.9/31

Out: 476.835 $\pm$ 93.050 χ^2 /NDF:57.8/35

All: 274.844 $\pm$ 67.016 χ^2 /NDF: 105.4/67

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: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 367.365+/-0.077 χ^2/NDF : 576308.5/14

Left: 367.631+/-0.053 χ^2/NDF : 1303139.1/31

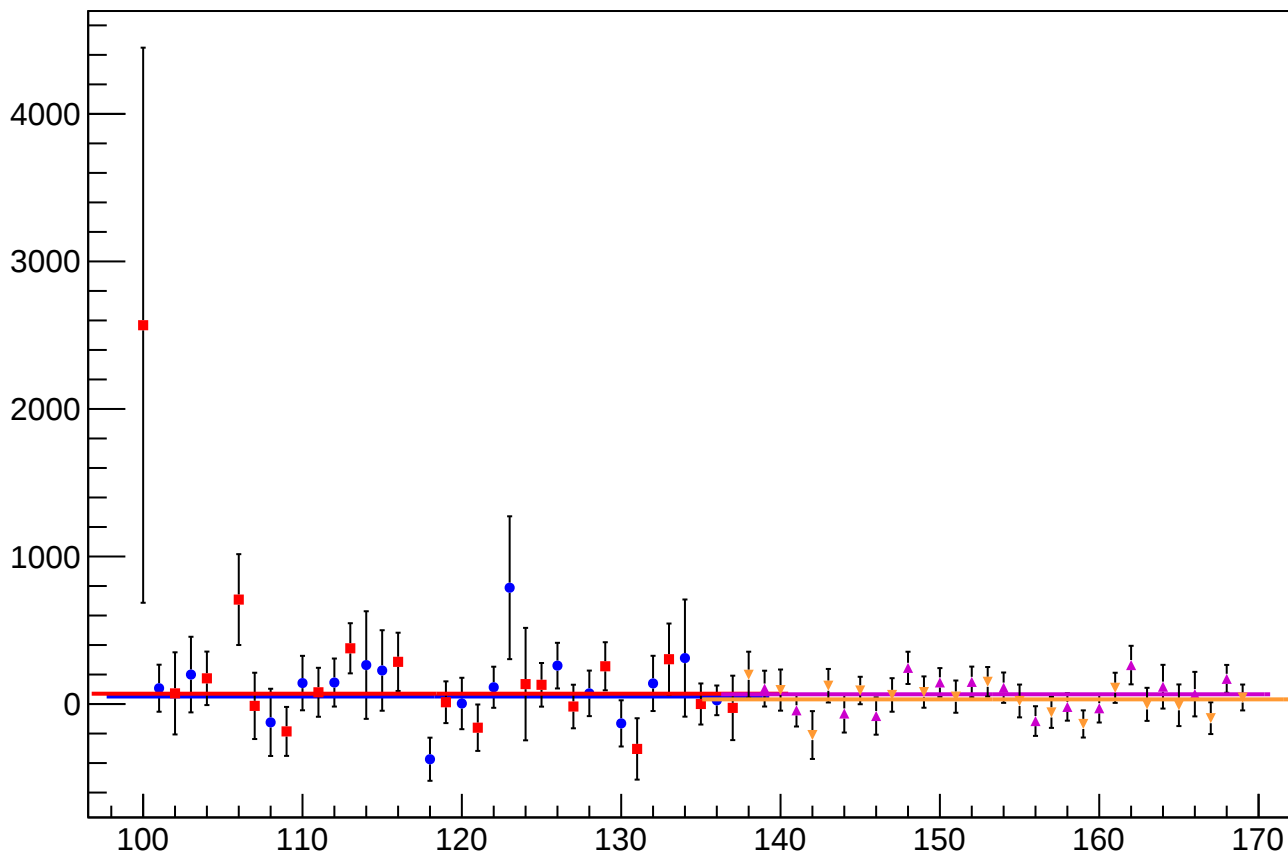
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 401.931+/-0.068 χ^2/NDF : 2114412.3/31

Out: 401.779+/-0.066 χ^2/NDF : 2370223.2/35

All: 401.852+/-0.047 χ^2/NDF : 4484638.1/67

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 31.667+/-26.680 χ^2/NDF :12.6/16

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 66.147+/-28.490 χ^2/NDF :16.4/14

Left: 47.778+/-19.474 χ^2/NDF : 29.7/31

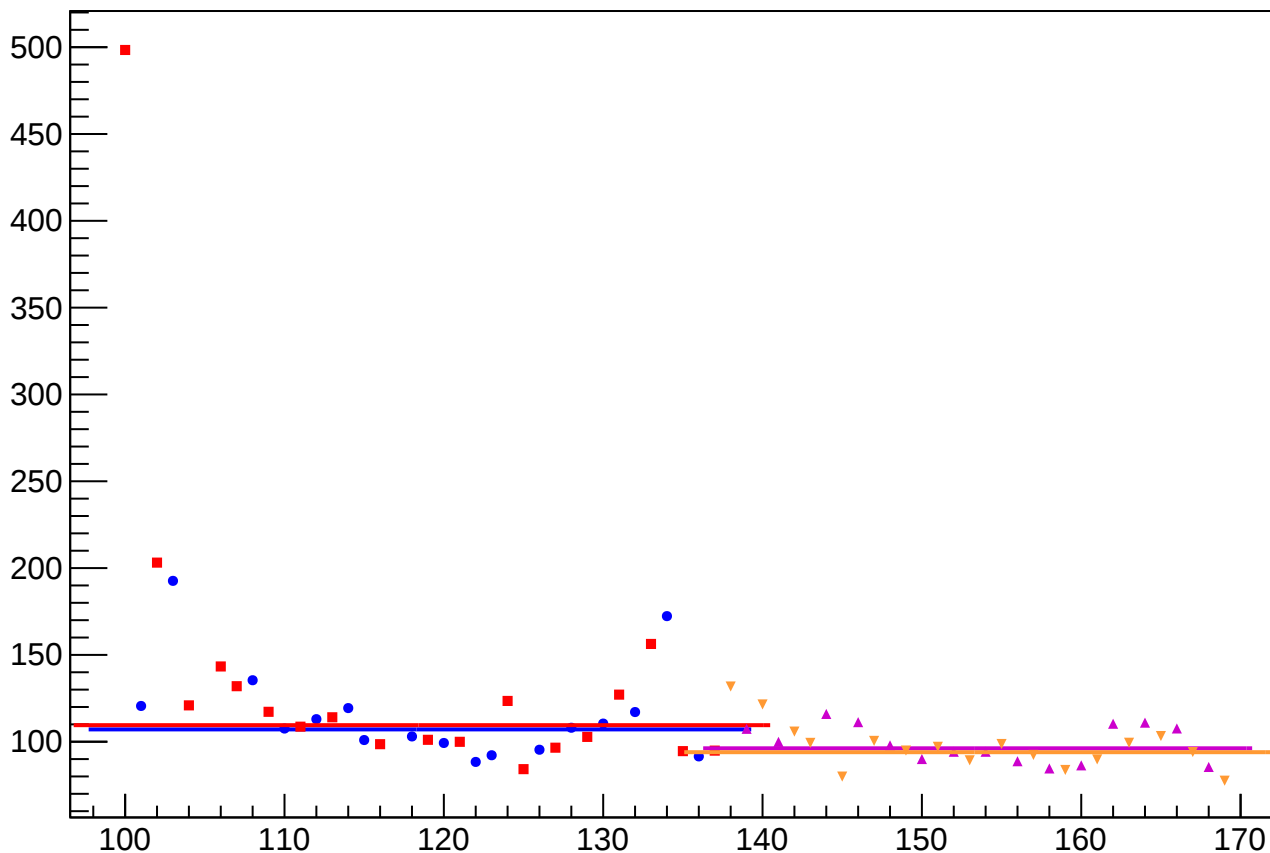
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 61.490+/-23.650 χ^2/NDF :33.8/31

Out: 42.417+/-22.640 χ^2/NDF :35.3/35

All: 51.538+/-16.354 χ^2/NDF : 69.5/67

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: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

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

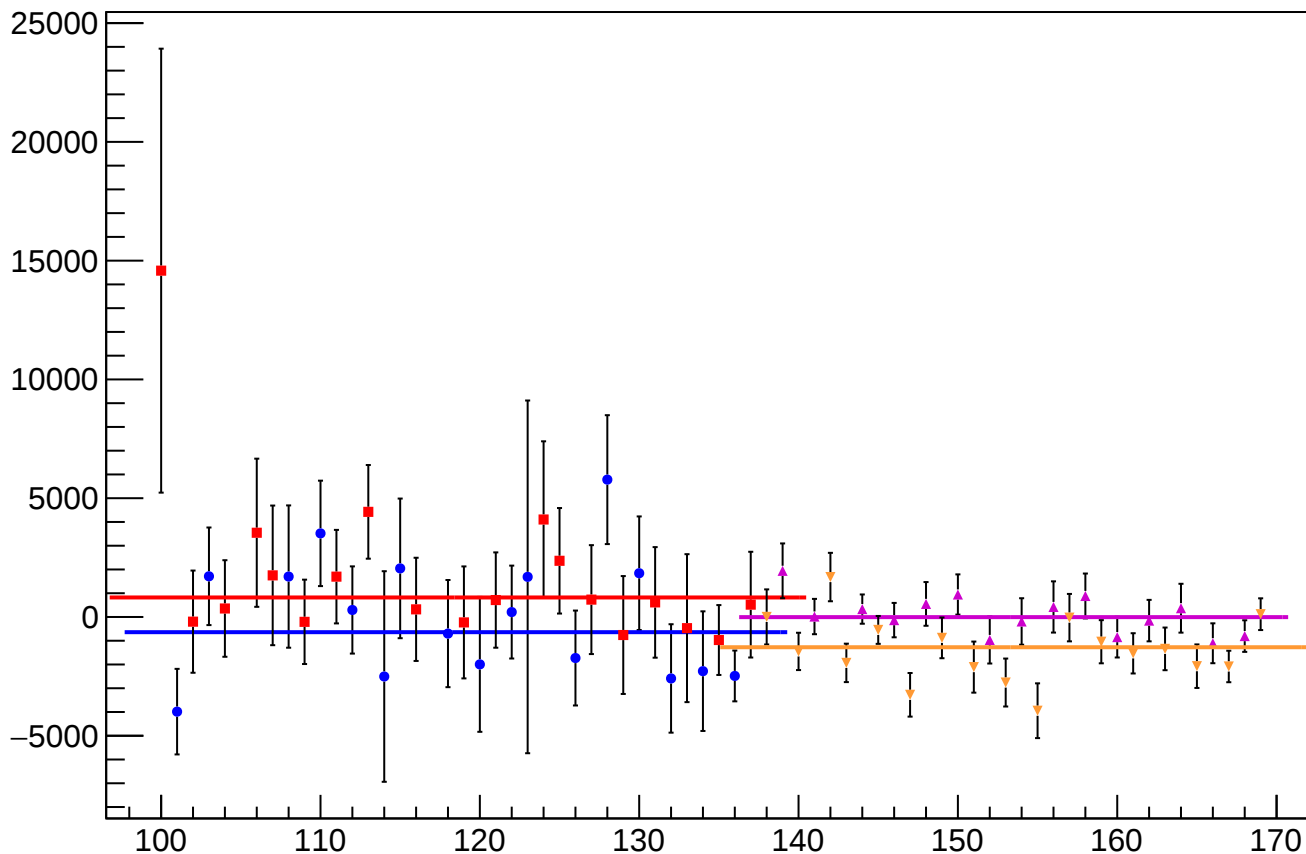
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 99.588 $\pm$ 0.017 χ^2 /NDF: 776733.0/31

Out: 98.324 $\pm$ 0.016 χ^2 /NDF: 1165773.1/35

All: 98.928 $\pm$ 0.012 χ^2 /NDF: 1945487.2/67

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: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: -6.291+/-218.097 χ^2/NDF :11.1/14

Left: -674.762+/-149.933 χ^2/NDF : 62.2/31

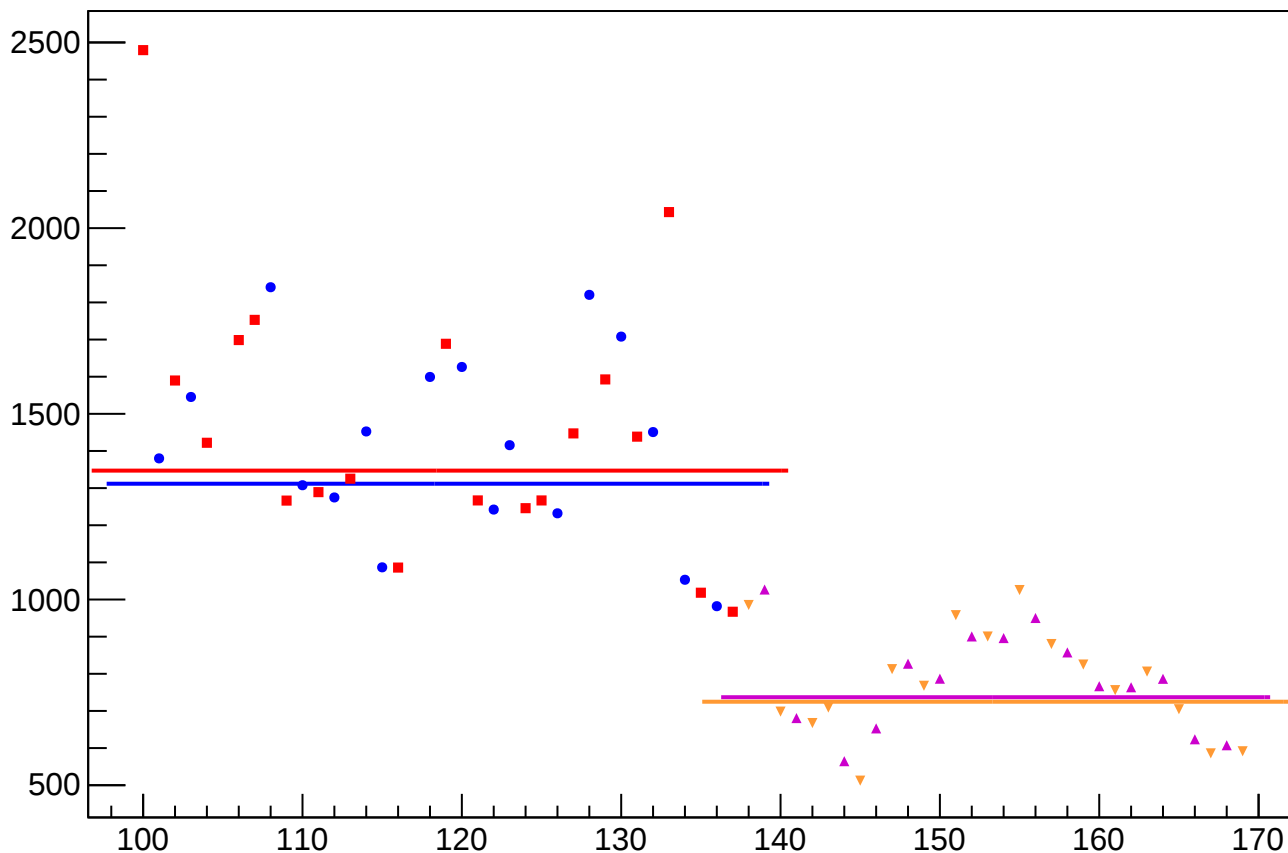
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -101.302+/-201.080 χ^2/NDF :34.2/31

Out: -984.318+/-191.666 χ^2/NDF :58.5/35

All: -563.964+/-138.737 χ^2/NDF : 102.8/67

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 724.800+/-0.146 χ^2/NDF : 946901.3/16

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 736.930+/-0.154 χ^2/NDF : 686932.0/14

Left: 730.533+/-0.106 χ^2/NDF : 1637096.3/31

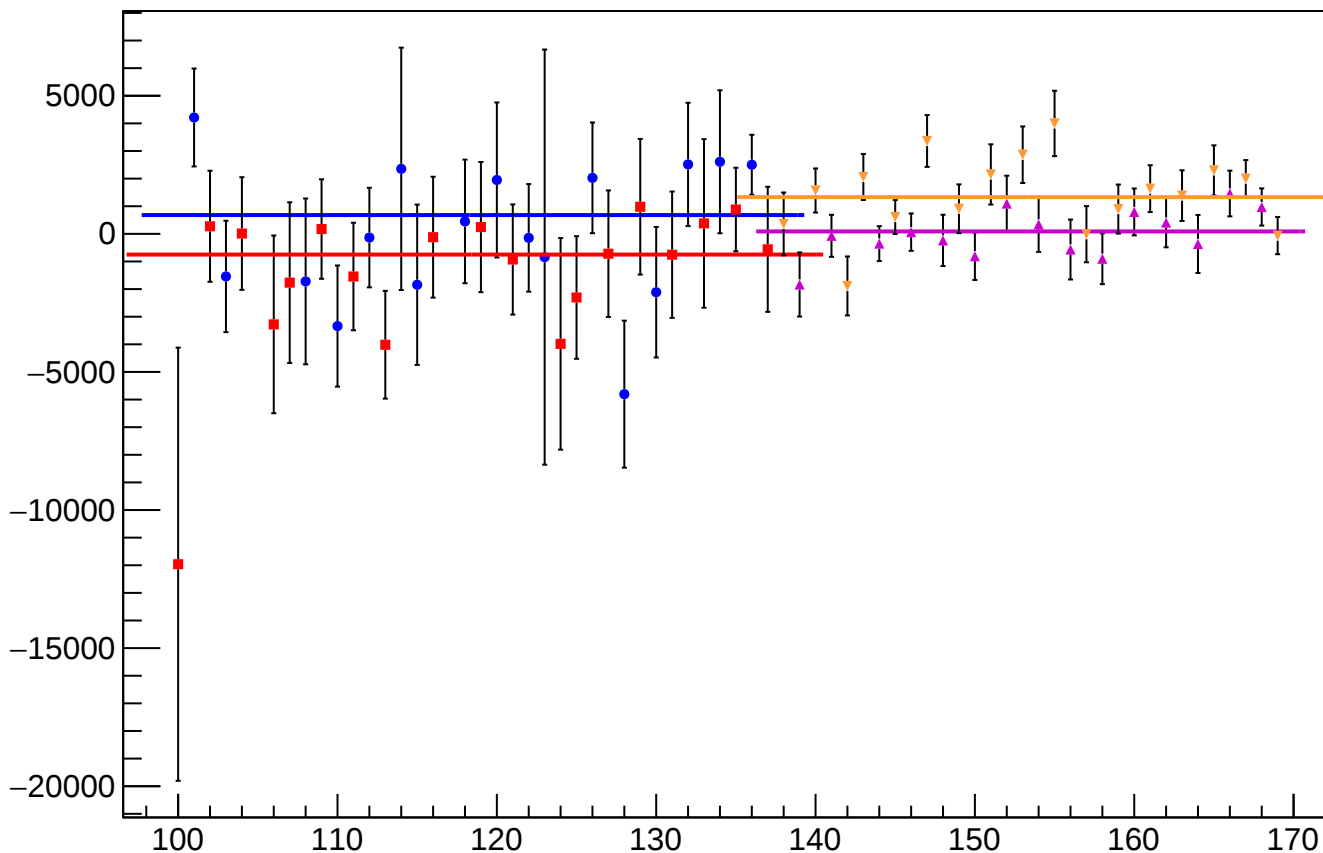
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 823.139+/-0.142 χ^2/NDF : 3283372.4/31

Out: 810.774+/-0.136 χ^2/NDF : 3947814.9/35

All: 816.660+/-0.098 χ^2/NDF : 7235150.1/67

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: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: 87.780+/-218.845 χ^2/NDF :12.6/14

Left: 735.003+/-151.477 χ^2/NDF : 62.7/31

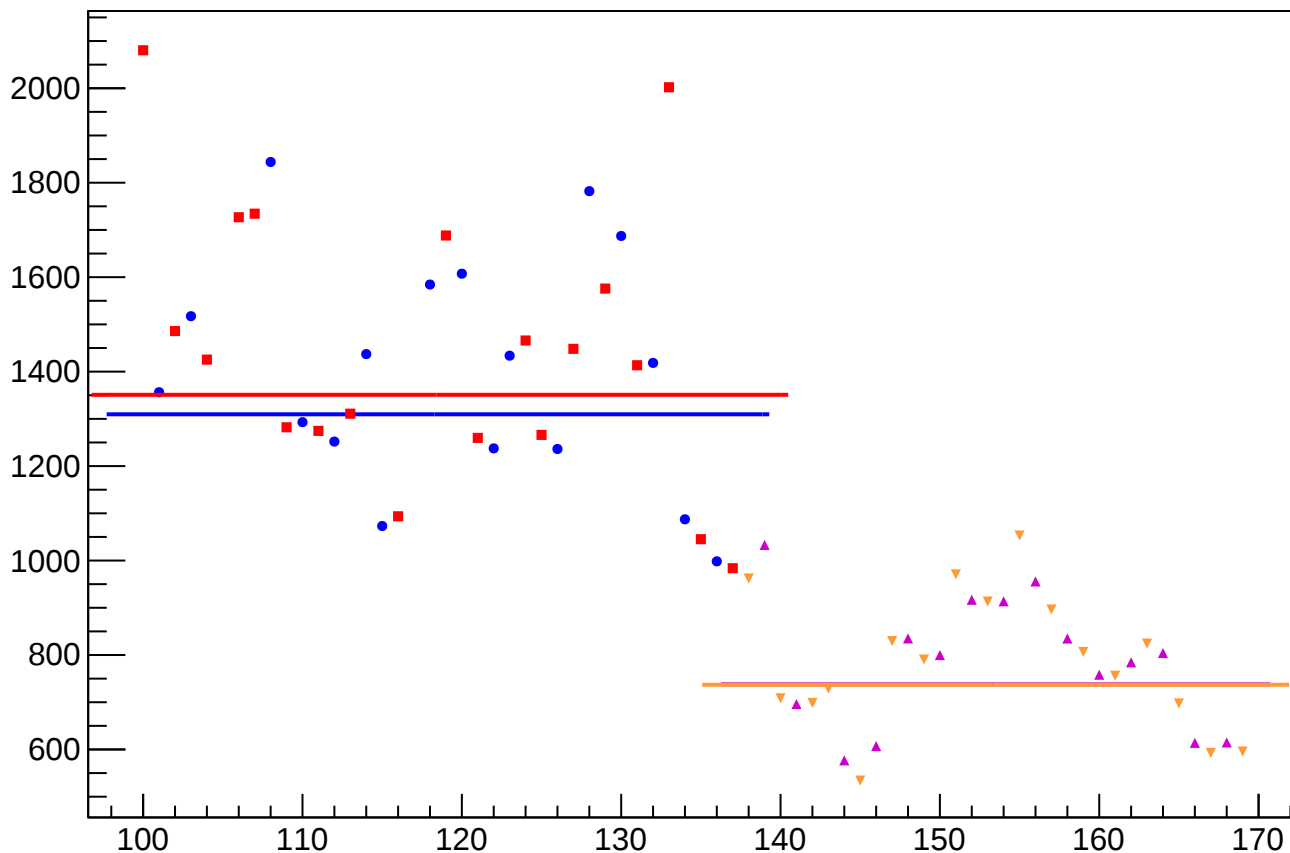
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 177.609+/-201.563 χ^2/NDF :36.2/31

Out: 1035.208+/-194.423 χ^2/NDF :57.0/35

All: 621.867+/-139.934 χ^2/NDF : 102.6/67

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 737.011 $\pm$ 0.148 χ^2 /NDF: 887771.6/16

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 737.949 $\pm$ 0.155 χ^2 /NDF: 726226.0/14

Left: 737.460 $\pm$ 0.107 χ^2 /NDF: 1614016.7/31

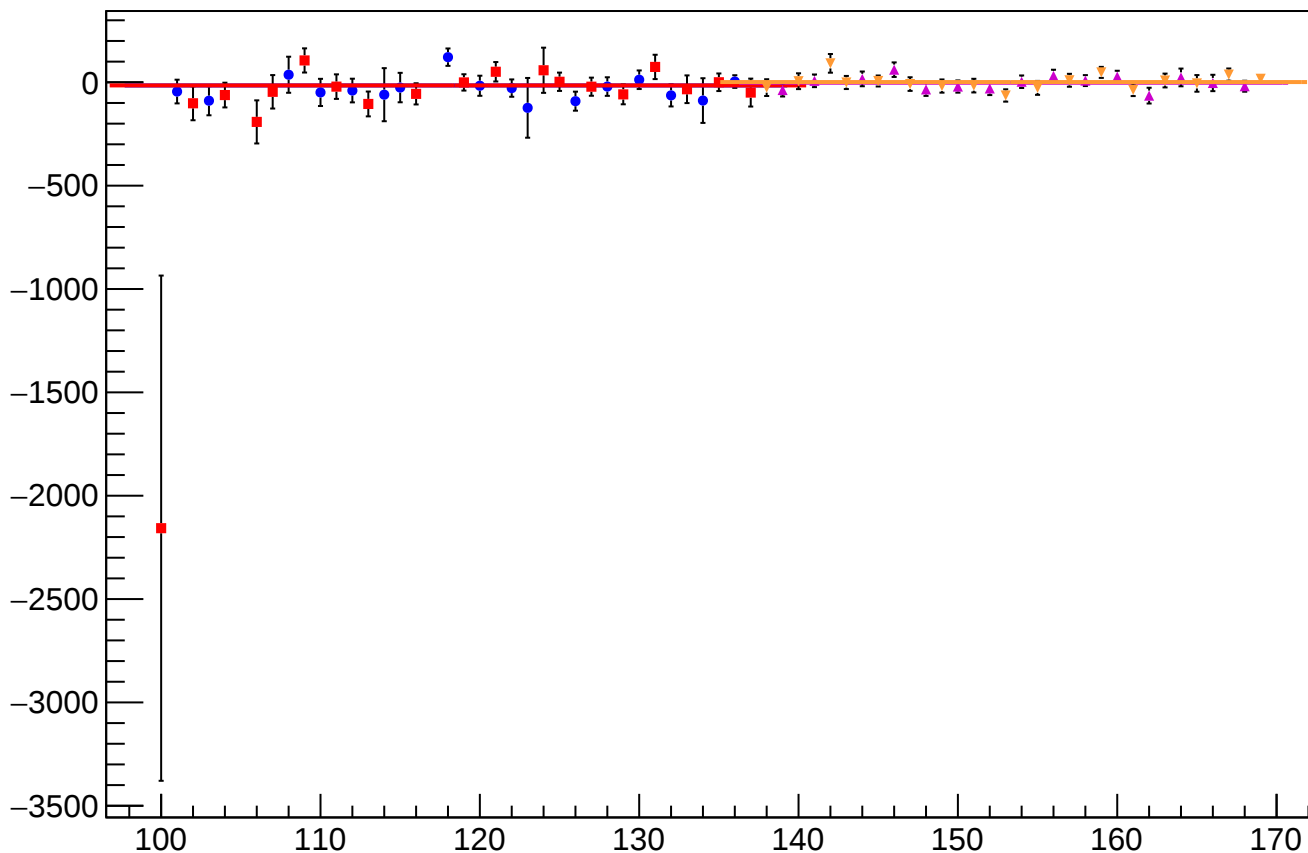
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 824.677 $\pm$ 0.143 χ^2 /NDF: 3256110.2/31

Out: 824.104 $\pm$ 0.137 χ^2 /NDF: 3738188.9/35

All: 824.380 $\pm$ 0.099 χ^2 /NDF: 6994307.5/67

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: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -2.047 ± 8.166 χ^2/NDF : 13.0/14

Left: -0.359 ± 5.601 χ^2/NDF : 30.4/31

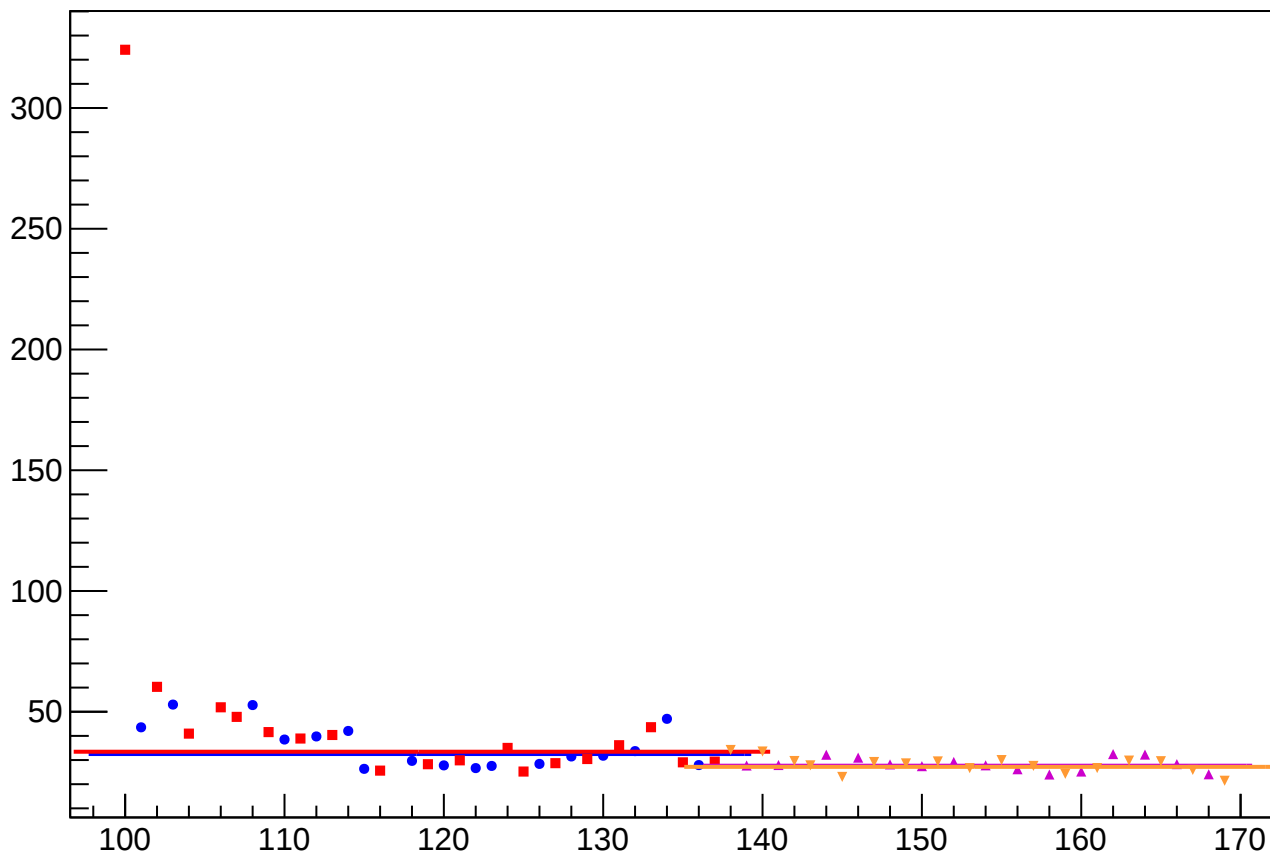
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -5.830 ± 6.901 χ^2/NDF : 32.1/31

Out: -3.024 ± 6.636 χ^2/NDF : 39.7/35

All: -4.372 ± 4.783 χ^2/NDF : 71.9/67

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.176+/-0.005 χ^2/NDF : 364905.1/16

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 27.657+/-0.006 χ^2/NDF : 204878.9/14

Left: 27.402+/-0.004 χ^2/NDF : 573449.9/31

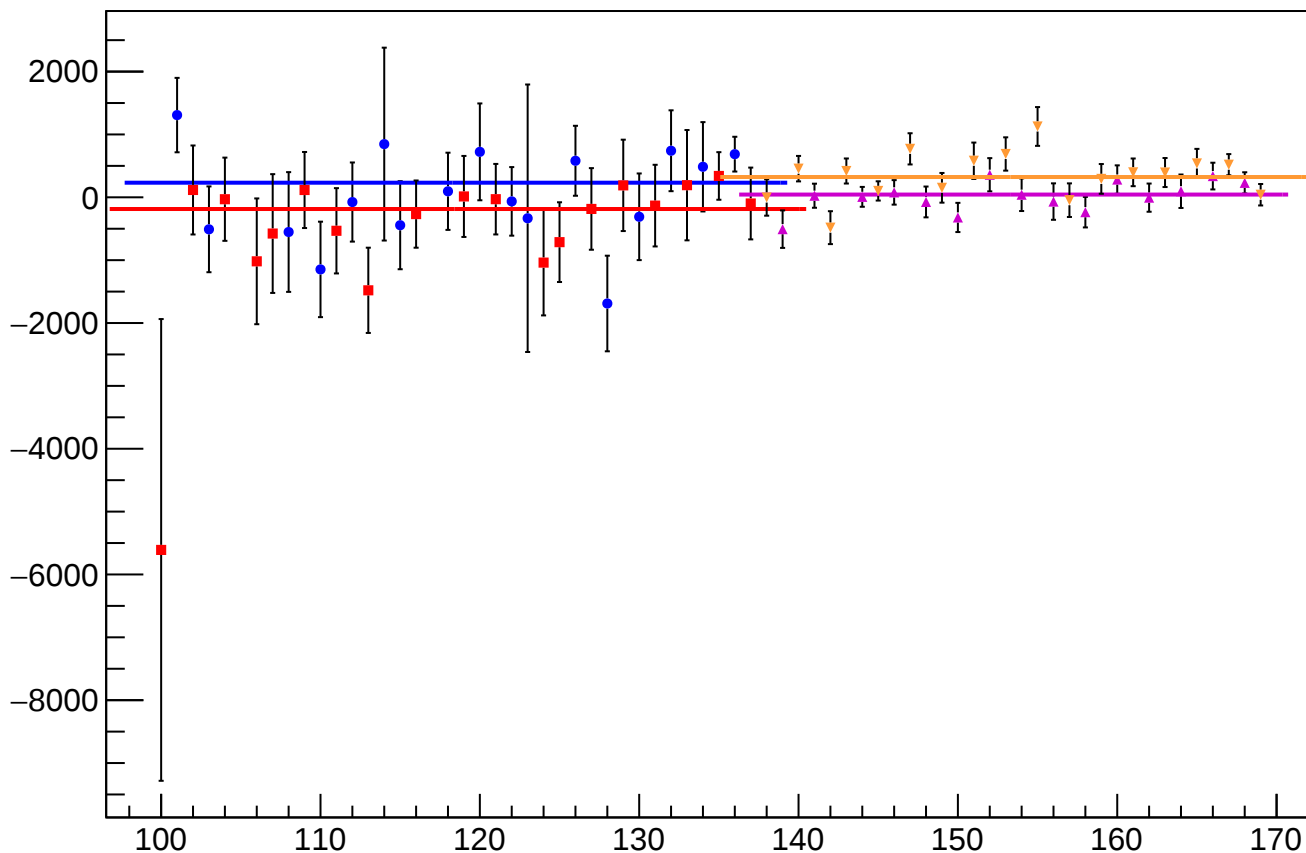
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 29.038+/-0.005 χ^2/NDF : 999551.9/31

Out: 28.785+/-0.005 χ^2/NDF : 1543764.8/35

All: 28.907+/-0.003 χ^2/NDF : 2544710.9/67

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: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

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

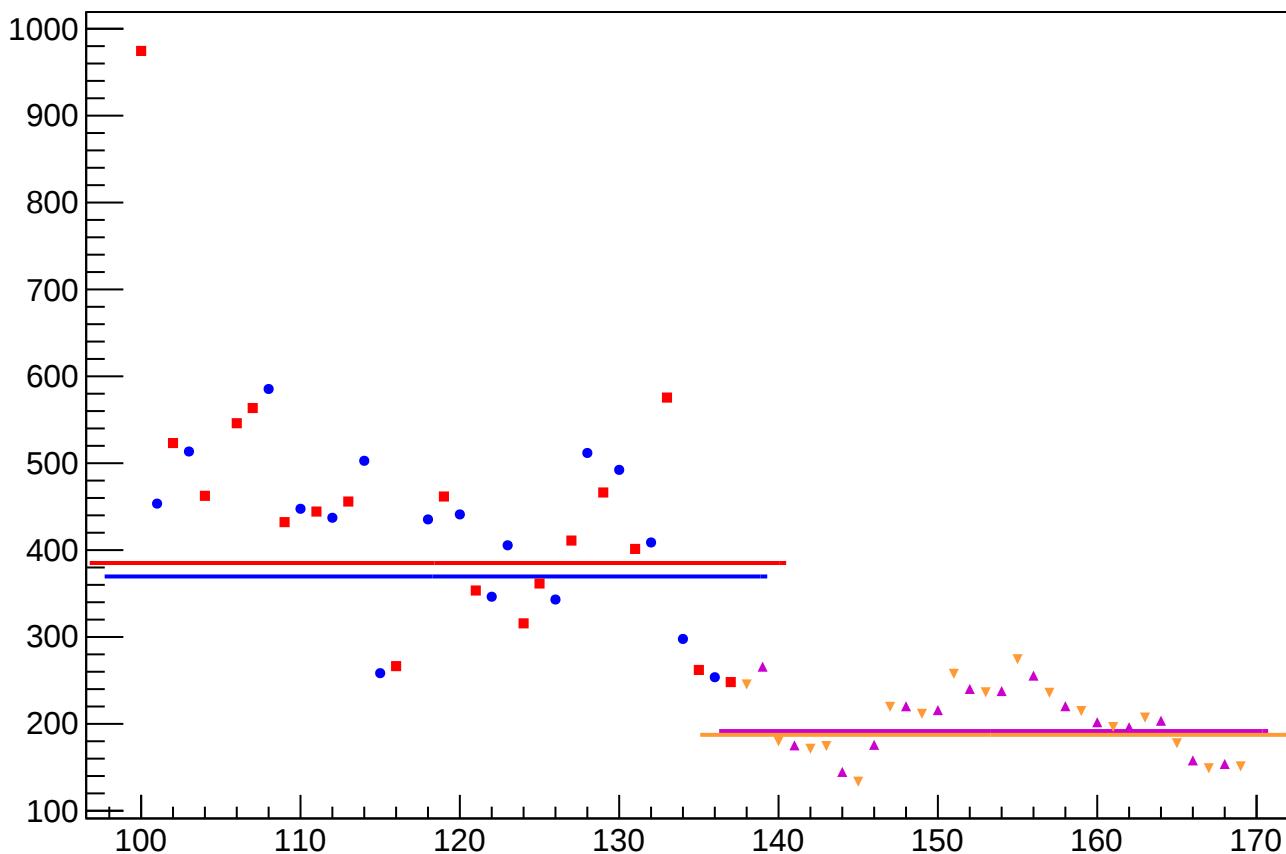
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 67.721 $\pm$ 53.126 χ^2 /NDF:36.3/31

Out: 265.189 $\pm$ 50.408 χ^2 /NDF:55.8/35

All: 171.635 $\pm$ 36.567 χ^2 /NDF: 99.4/67

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 187.408+/-0.038 χ^2/NDF : 1055636.4/16

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 191.755+/-0.040 χ^2/NDF : 792744.2/14

Left: 189.450+/-0.028 χ^2/NDF : 1854574.9/31

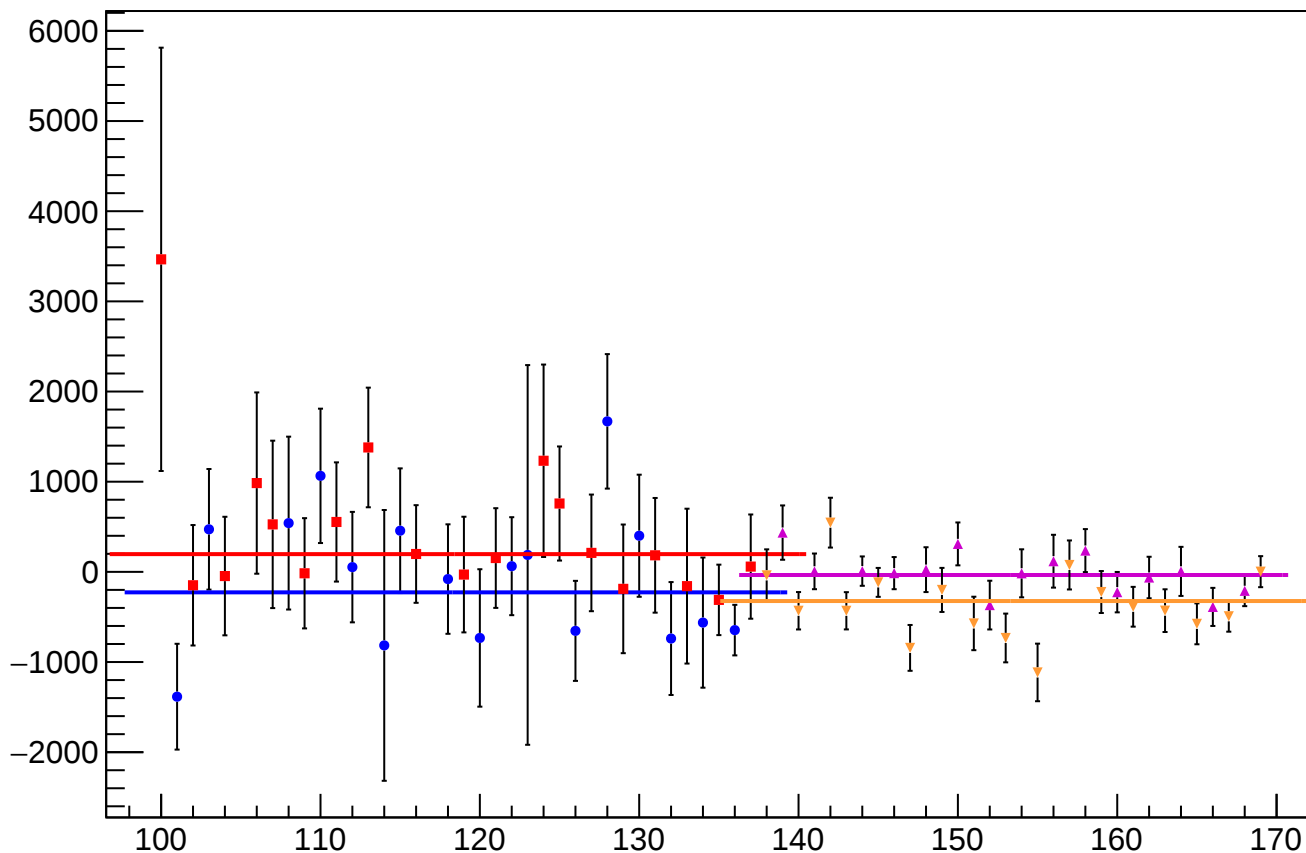
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 214.491+/-0.038 χ^2/NDF : 4195229.4/31

Out: 209.777+/-0.036 χ^2/NDF : 5069904.8/35

All: 212.010+/-0.026 χ^2/NDF : 9273420.0/67

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: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: -34.773 ± 57.165 χ^2/NDF : 12.4/14

Left: -185.819 ± 39.479 χ^2/NDF : 60.9/31

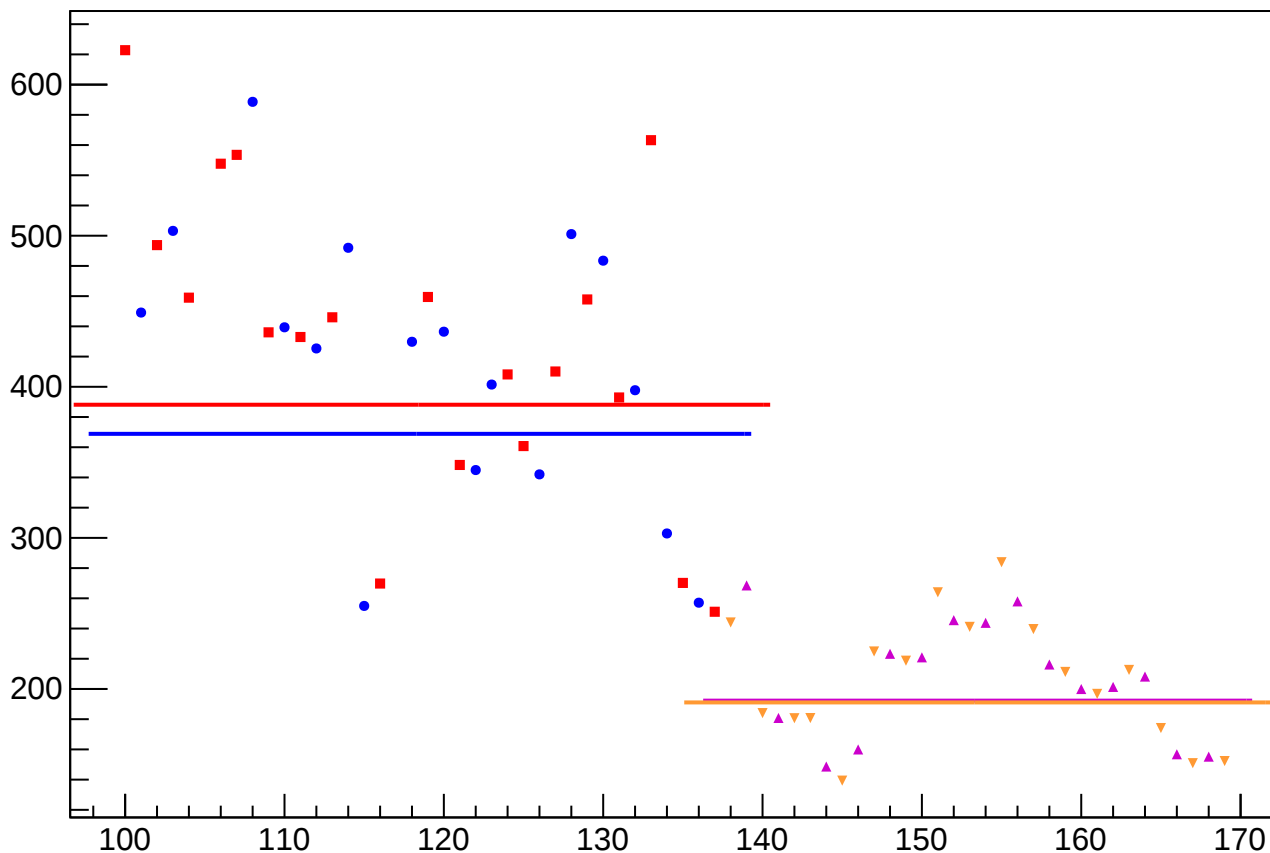
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -59.787 ± 53.322 χ^2/NDF : 35.8/31

Out: -262.828 ± 51.303 χ^2/NDF : 56.4/35

All: -165.224 ± 36.970 χ^2/NDF : 99.7/67

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: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

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

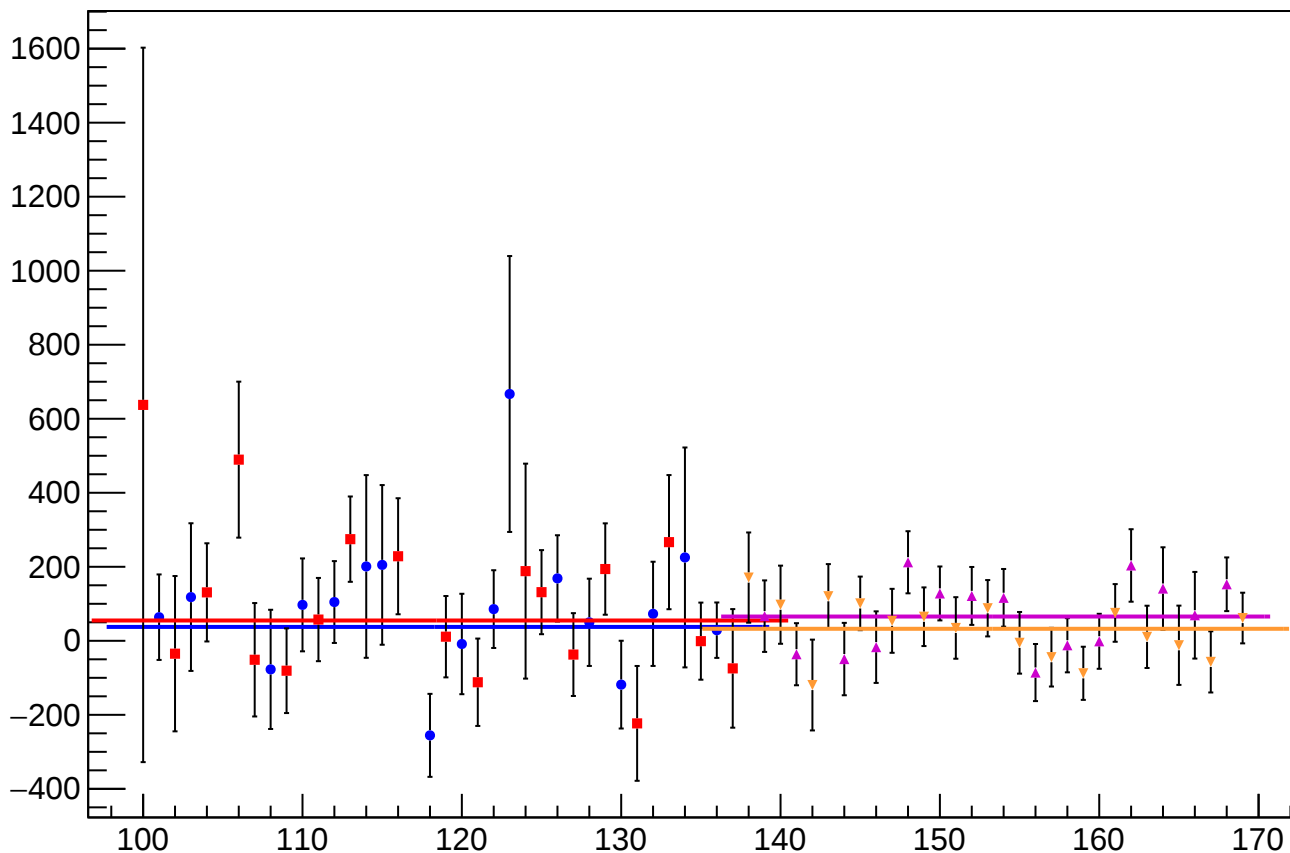
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 215.220 $\pm$ 0.038 χ^2 /NDF:4150960.7/31

Out: 214.090 $\pm$ 0.036 χ^2 /NDF:4844387.3/35

All: 214.633 $\pm$ 0.026 χ^2 /NDF: 8995814.0/67

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: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

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

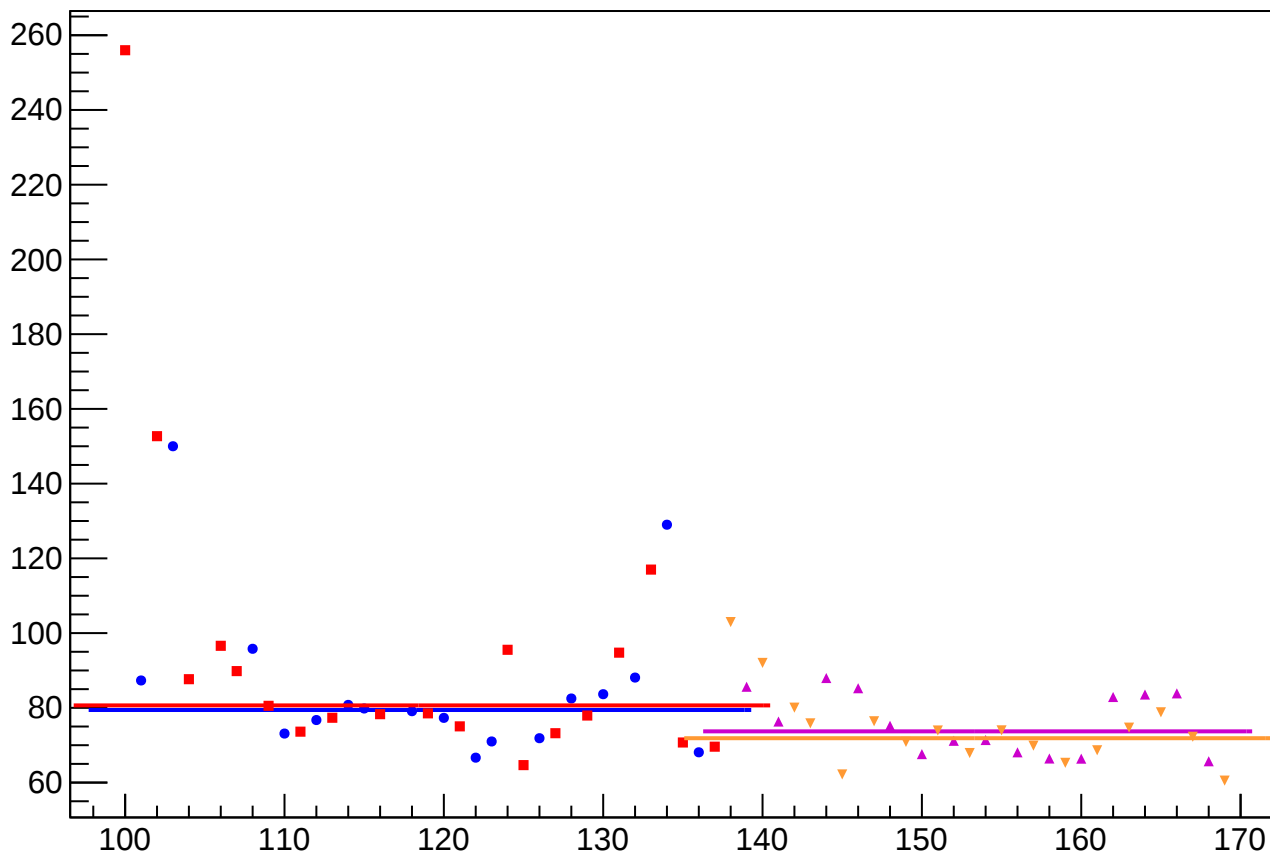
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 56.492 $\pm$ 17.923 χ^2 /NDF:34.4/31

Out: 39.099 $\pm$ 17.107 χ^2 /NDF:34.2/35

All: 47.391 $\pm$ 12.375 χ^2 /NDF: 69.1/67

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: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

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

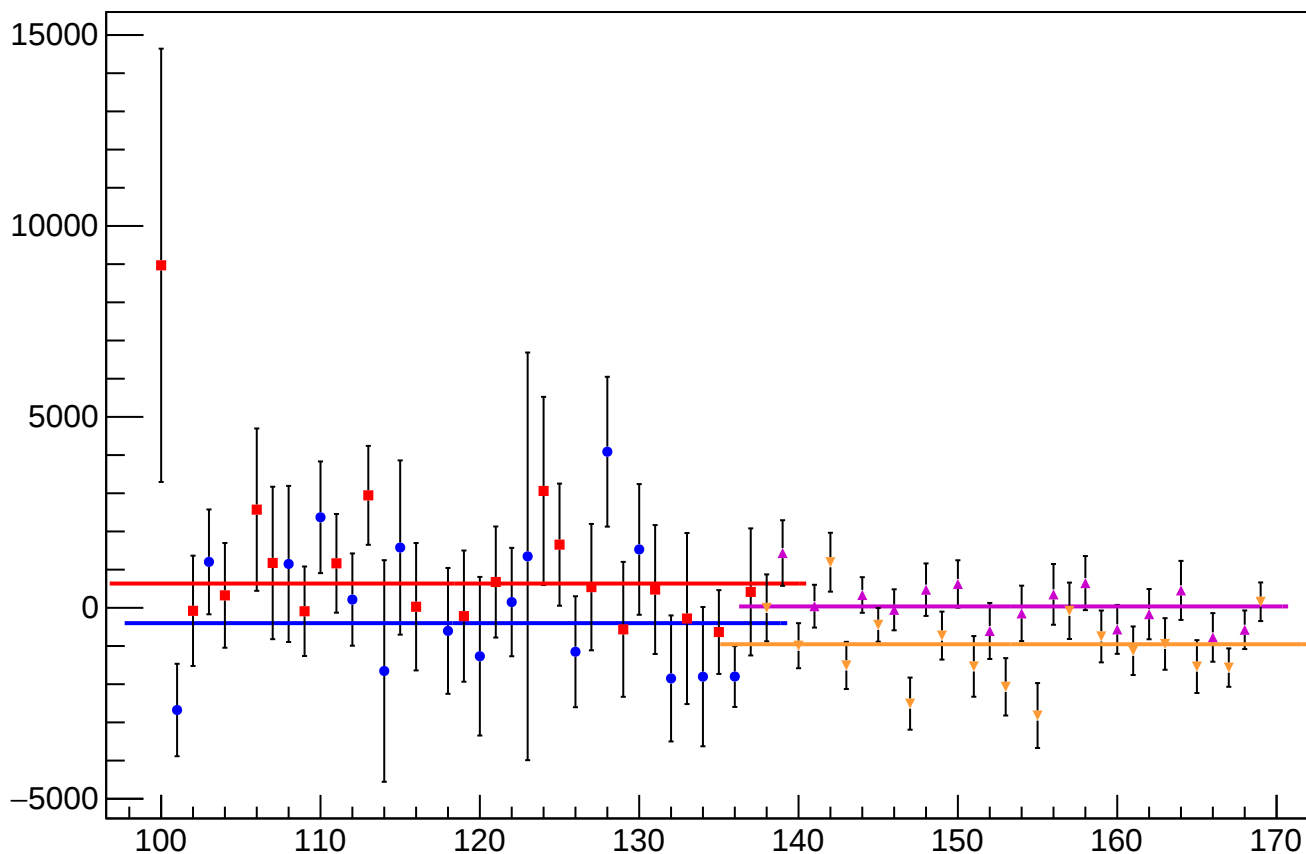
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 75.561 $\pm$ 0.013 χ^2 /NDF: 727927.3/31

Out: 74.467 $\pm$ 0.012 χ^2 /NDF: 982852.6/35

All: 74.988 $\pm$ 0.009 χ^2 /NDF: 1714684.5/67

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -953.337+/-154.936 χ^2/NDF :32.6/16

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 36.514+/-163.378 χ^2/NDF :10.5/14

Left: -484.644+/-112.422 χ^2/NDF : 62.4/31

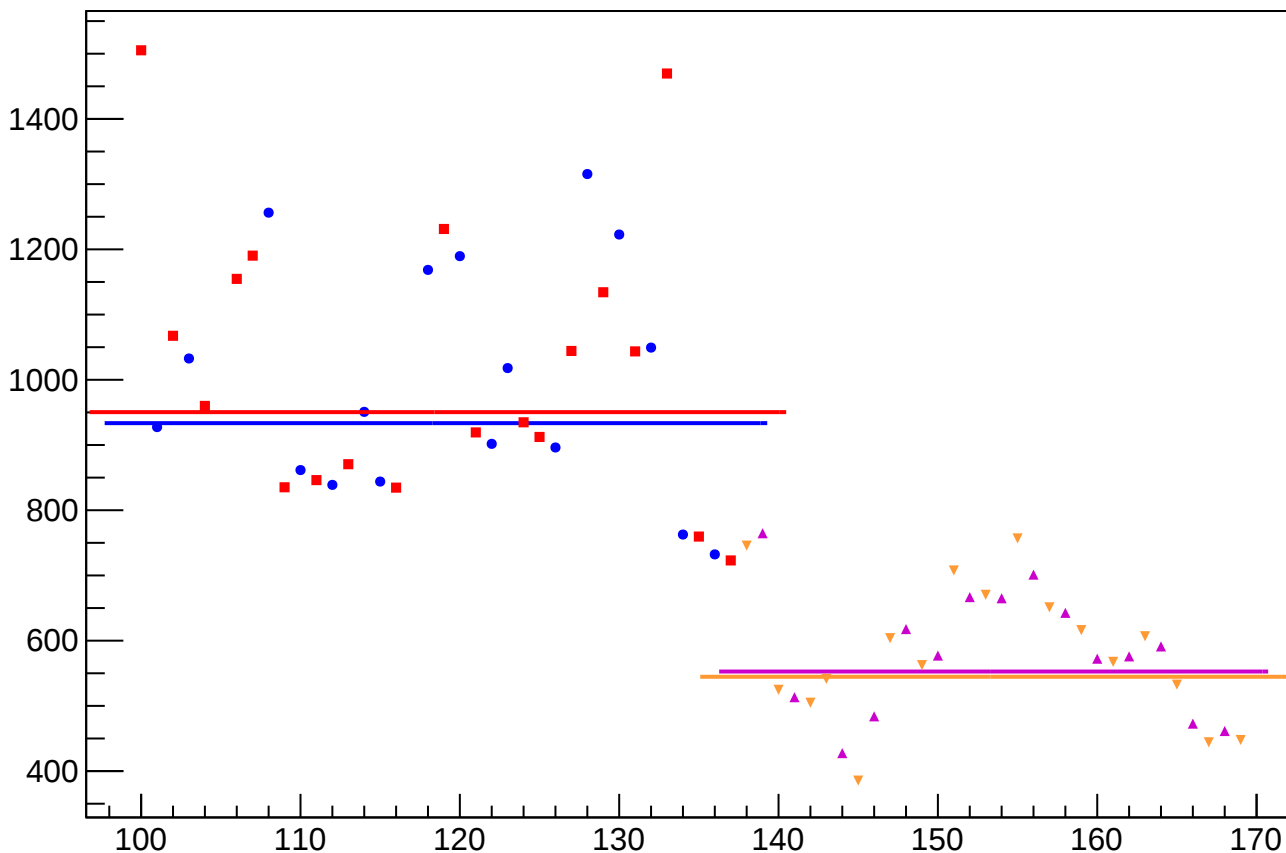
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: -35.373+/-149.355 χ^2/NDF :33.6/31

Out: -708.308+/-142.494 χ^2/NDF :59.6/35

All: -387.652+/-103.099 χ^2/NDF : 103.9/67

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 $\chi^2/\text{NDF}: 442321.9/16$

Left Out: 544.636 ± 0.110 $\chi^2/\text{NDF}: 891564.5/16$

Right Out: 950.411 ± 0.257 $\chi^2/\text{NDF}: 424360.9/18$

Left In: 552.681 ± 0.116 $\chi^2/\text{NDF}: 634157.2/14$

Left: 548.445 ± 0.079 $\chi^2/\text{NDF}: 1528275.1/31$

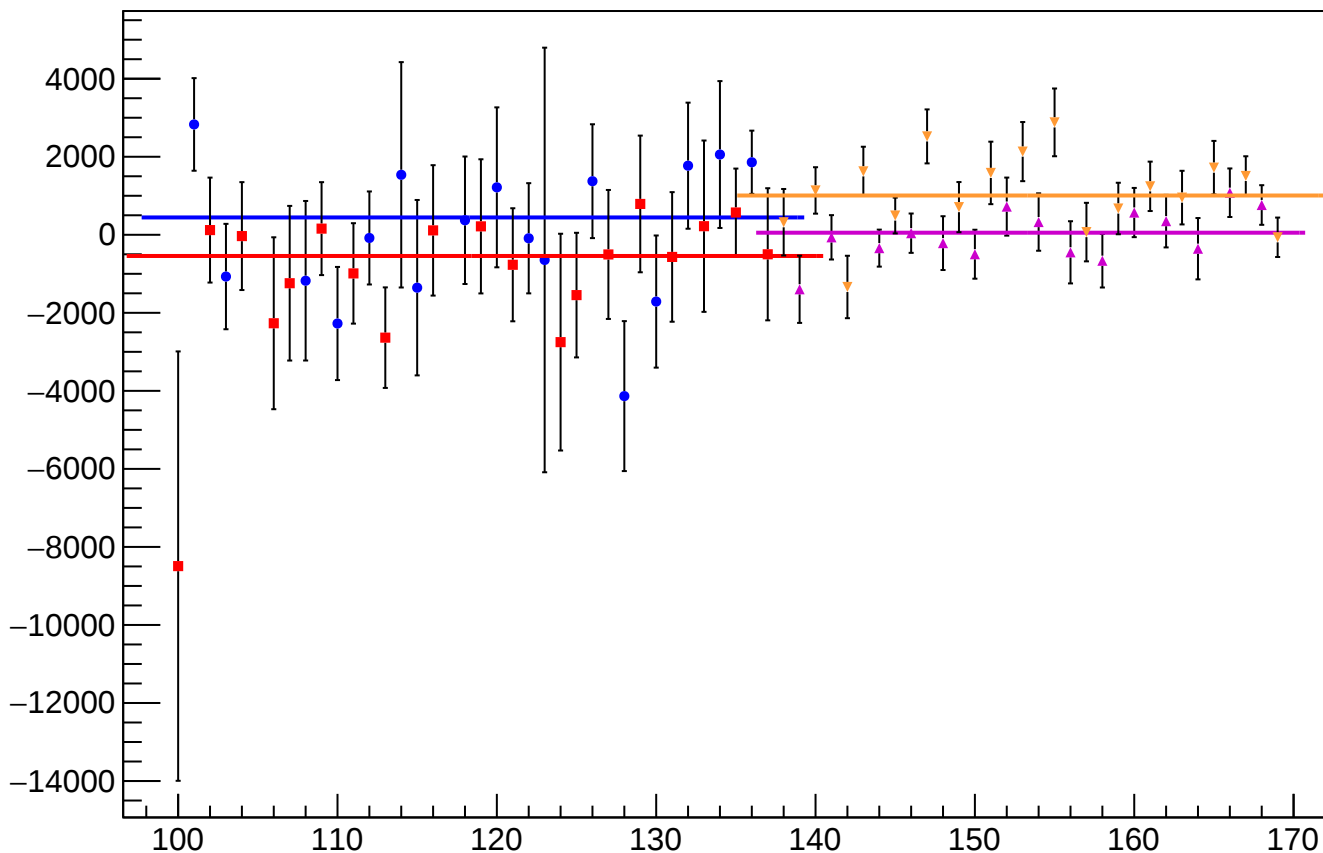
Right: 942.099 ± 0.183 $\chi^2/\text{NDF}: 868813.4/35$

In: 615.251 ± 0.106 $\chi^2/\text{NDF}: 2861998.9/31$

Out: 607.189 ± 0.101 $\chi^2/\text{NDF}: 3430692.6/35$

All: 611.030 ± 0.073 $\chi^2/\text{NDF}: 6295742.0/67$

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: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: 53.315+/-163.036 χ^2/NDF : 12.7/14

Left: 549.526+/-112.908 χ^2/NDF : 63.0/31

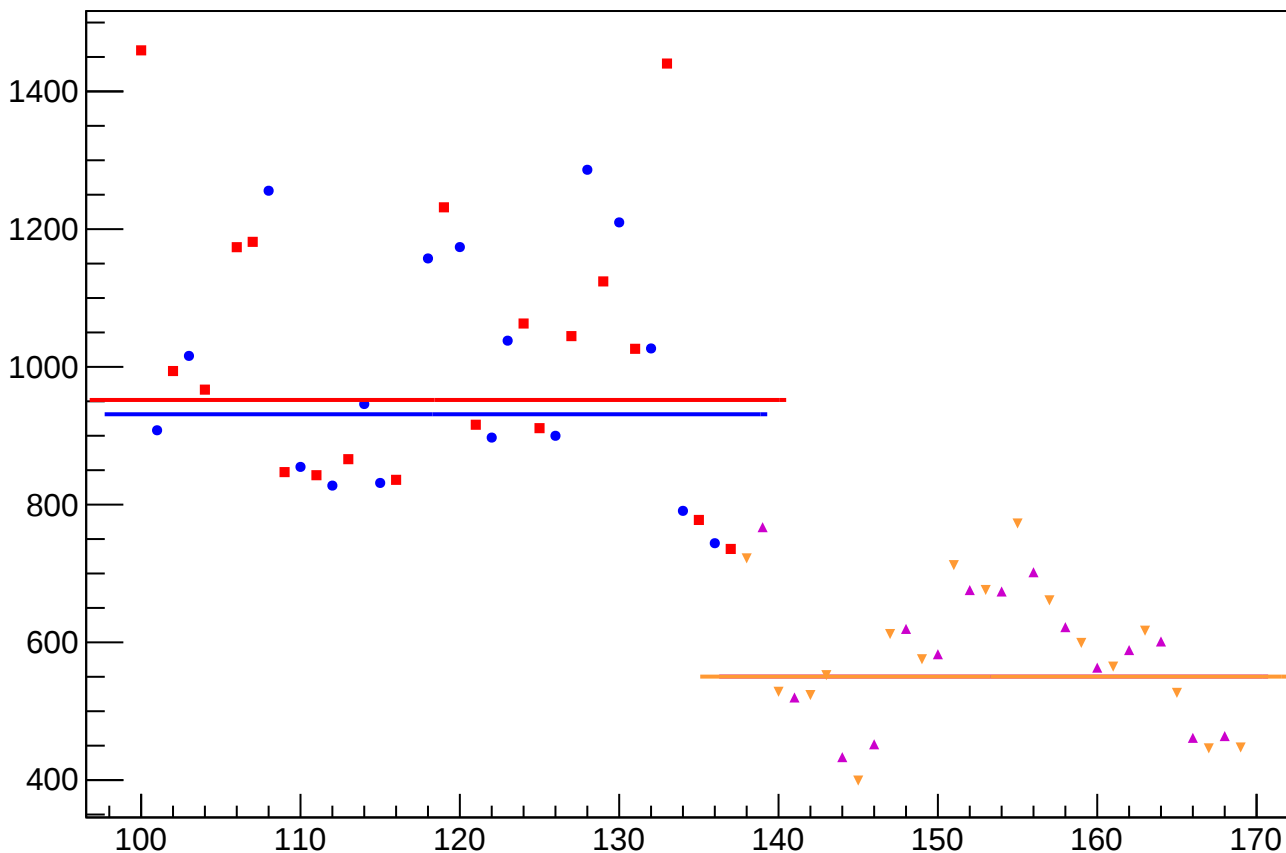
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 117.790+/-149.002 χ^2/NDF : 36.6/31

Out: 764.230+/-143.744 χ^2/NDF : 57.2/35

All: 452.618+/-103.451 χ^2/NDF : 103.5/67

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: 951.963 $\pm$ 0.257 χ^2/NDF : 382648.6/18

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

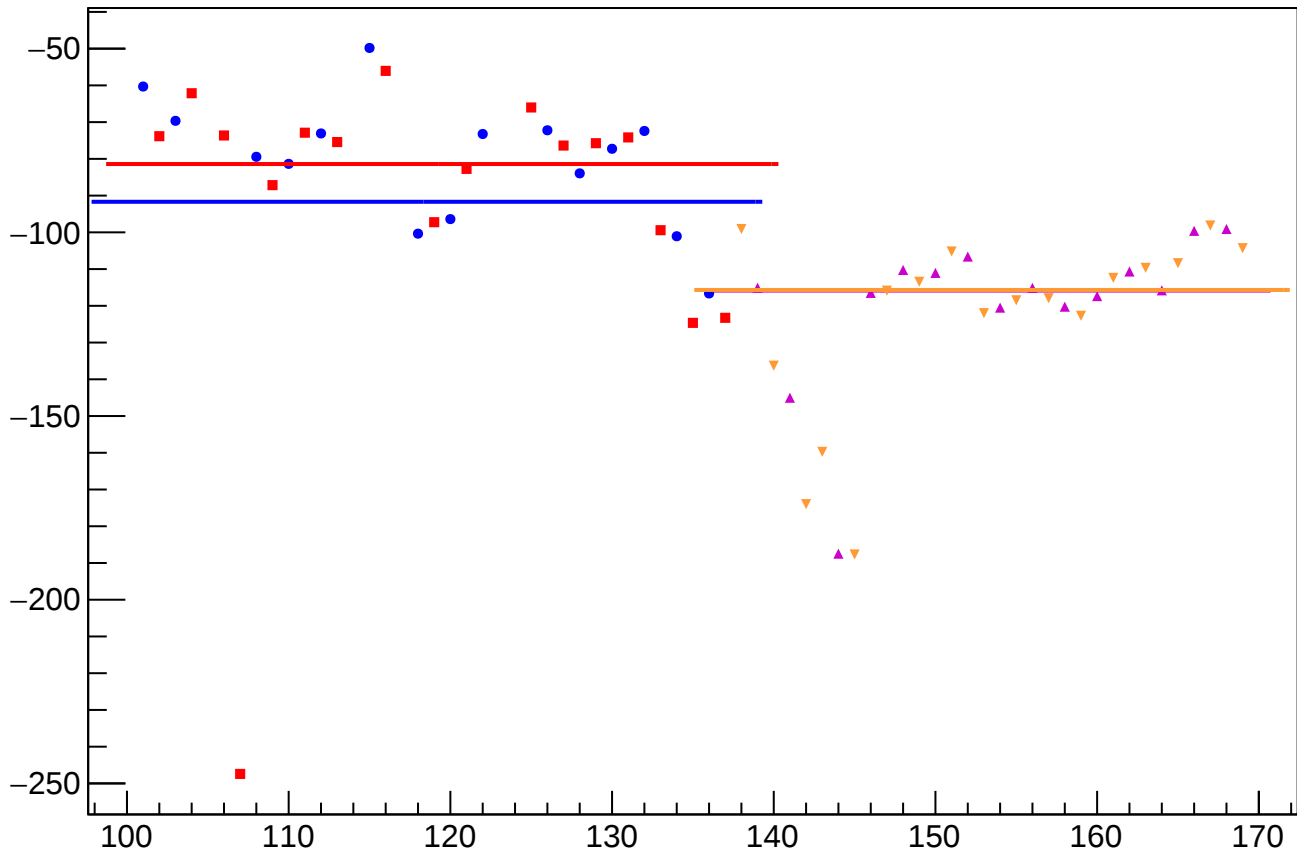
Right: 941.690 $\pm$ 0.183 χ^2/NDF : 786122.1/35

In: 613.092 $\pm$ 0.105 χ^2/NDF :2876214.4/31

Out: 613.145 $\pm$ 0.102 χ^2/NDF :3279692.3/35

All: 613.119 $\pm$ 0.073 χ^2/NDF : 6155906.8/67

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

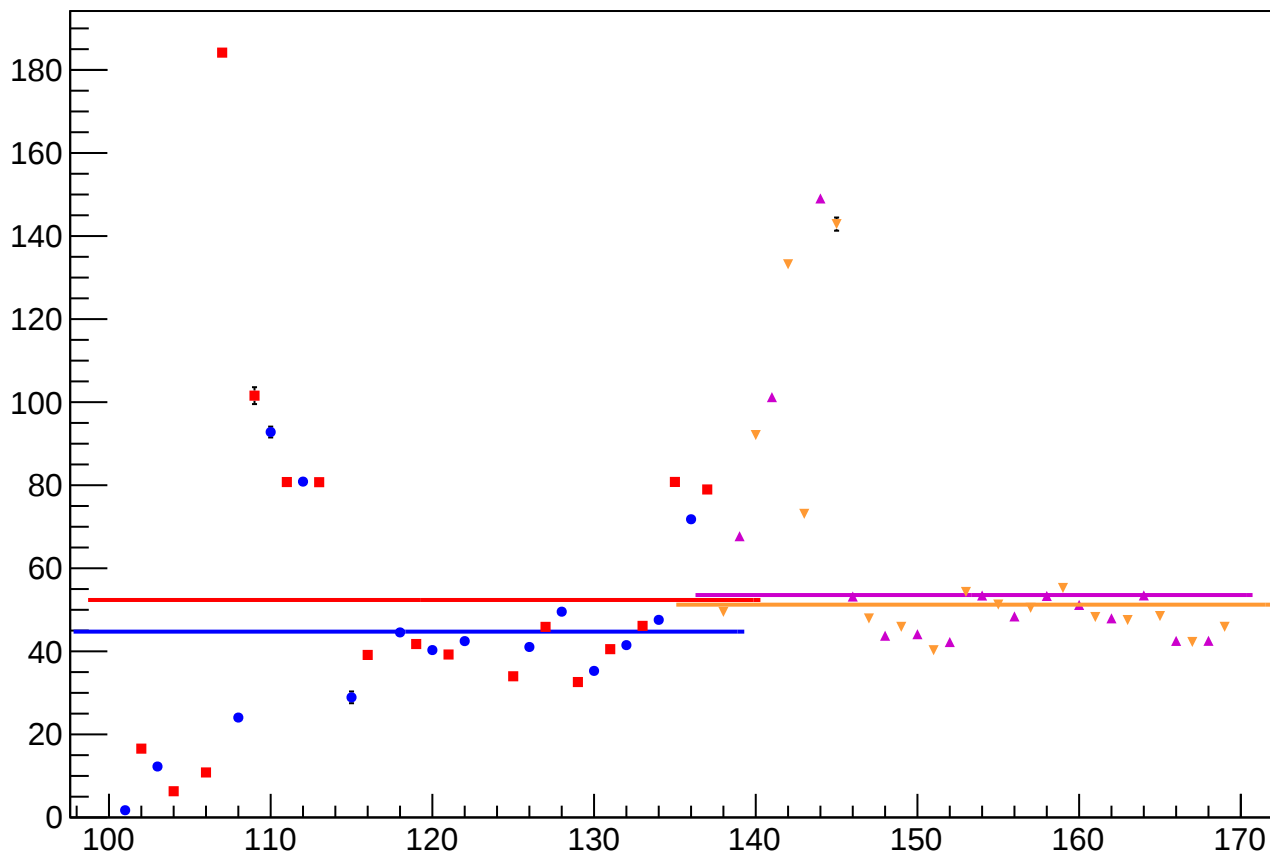
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

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

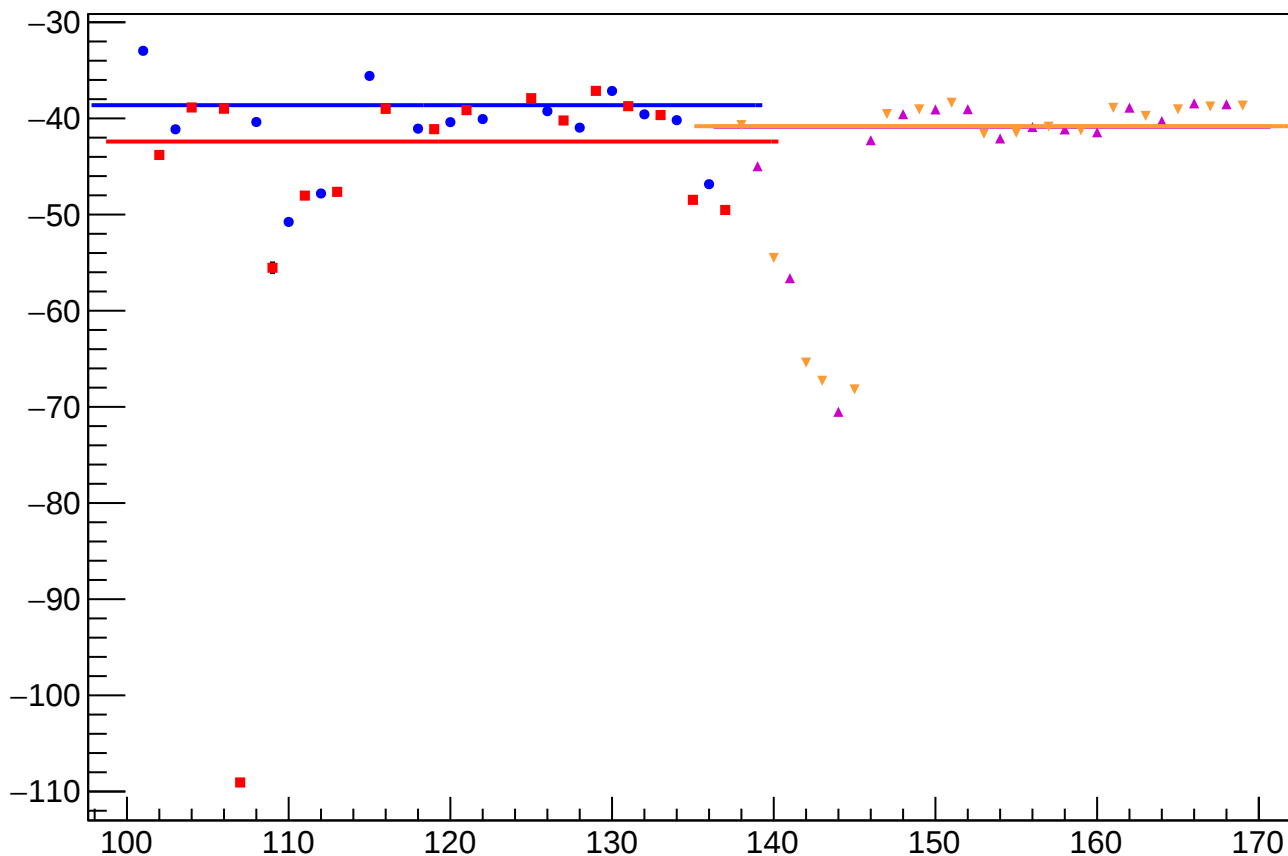
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

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

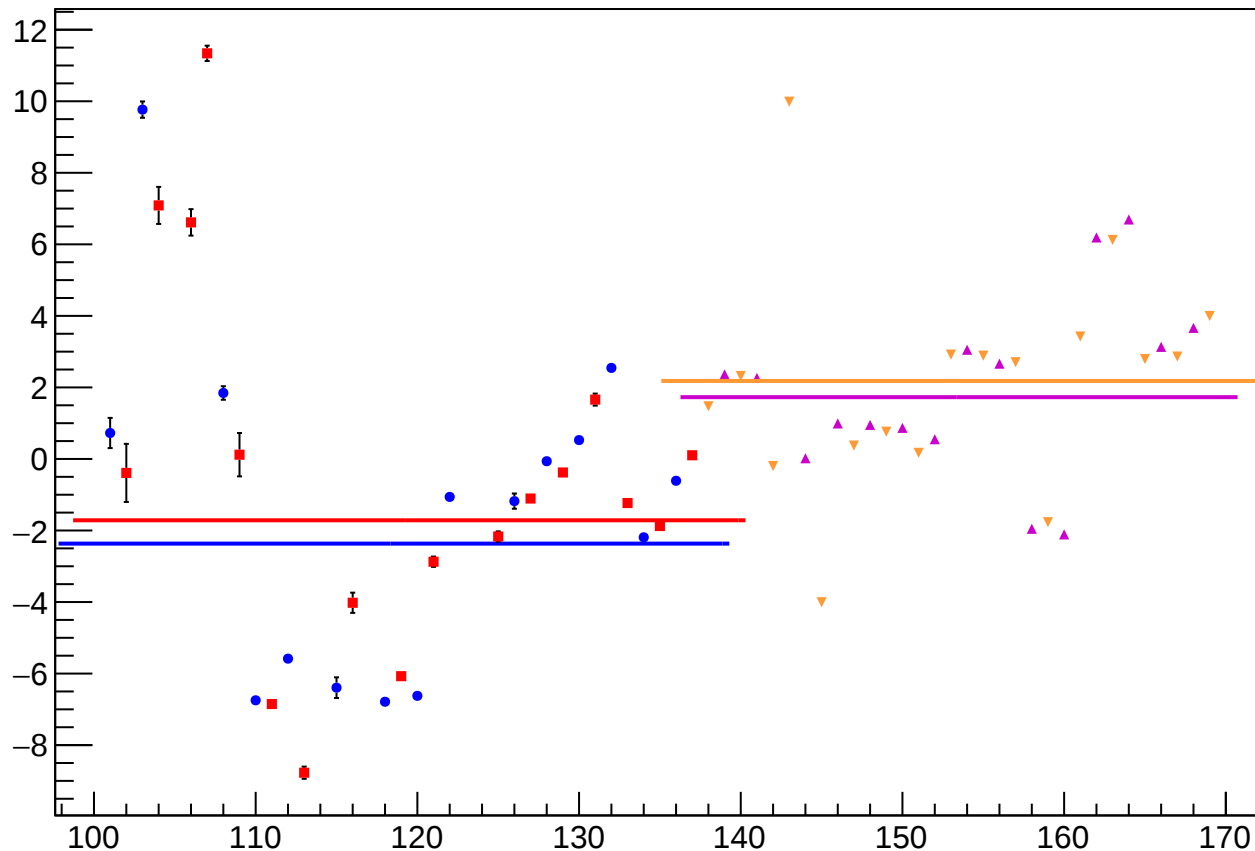
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

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 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.181 ± 0.009 $\chi^2/\text{NDF}: 75763.3/16$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.727 ± 0.008 $\chi^2/\text{NDF}: 81481.5/14$

Left: 1.940 ± 0.006 $\chi^2/\text{NDF}: 158703.9/31$

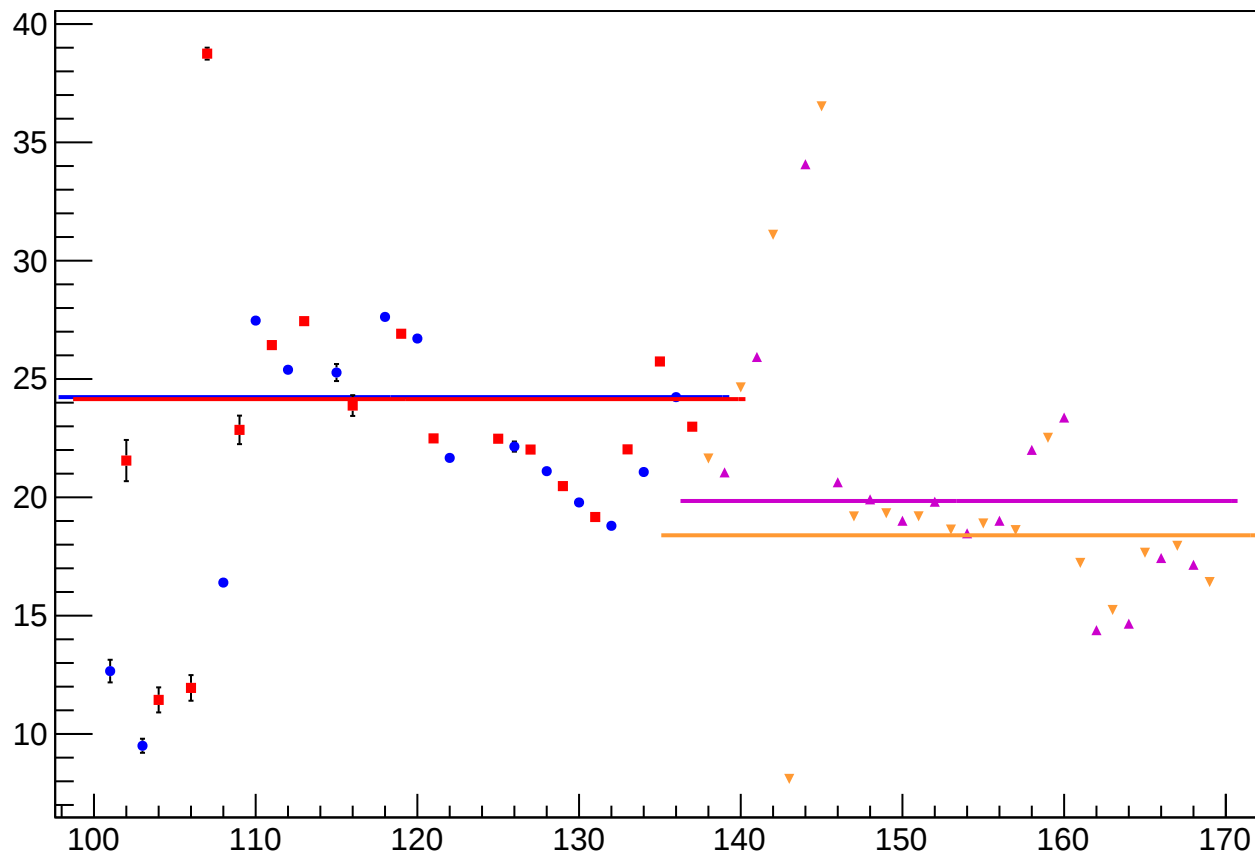
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.703 ± 0.007 $\chi^2/\text{NDF}: 173730.9/29$

Out: 1.818 ± 0.008 $\chi^2/\text{NDF}: 107373.6/33$

All: 1.173 ± 0.005 $\chi^2/\text{NDF}: 291687.3/63$

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

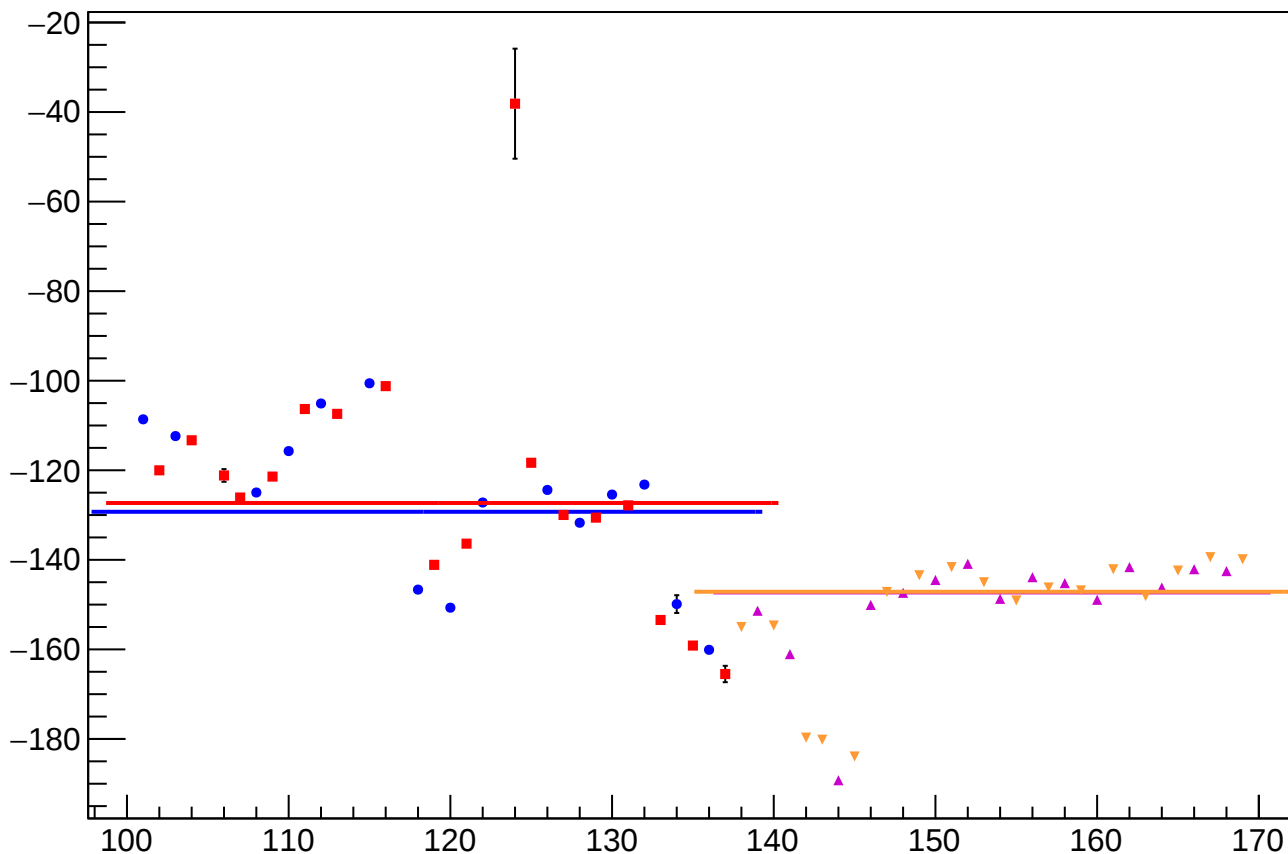
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

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

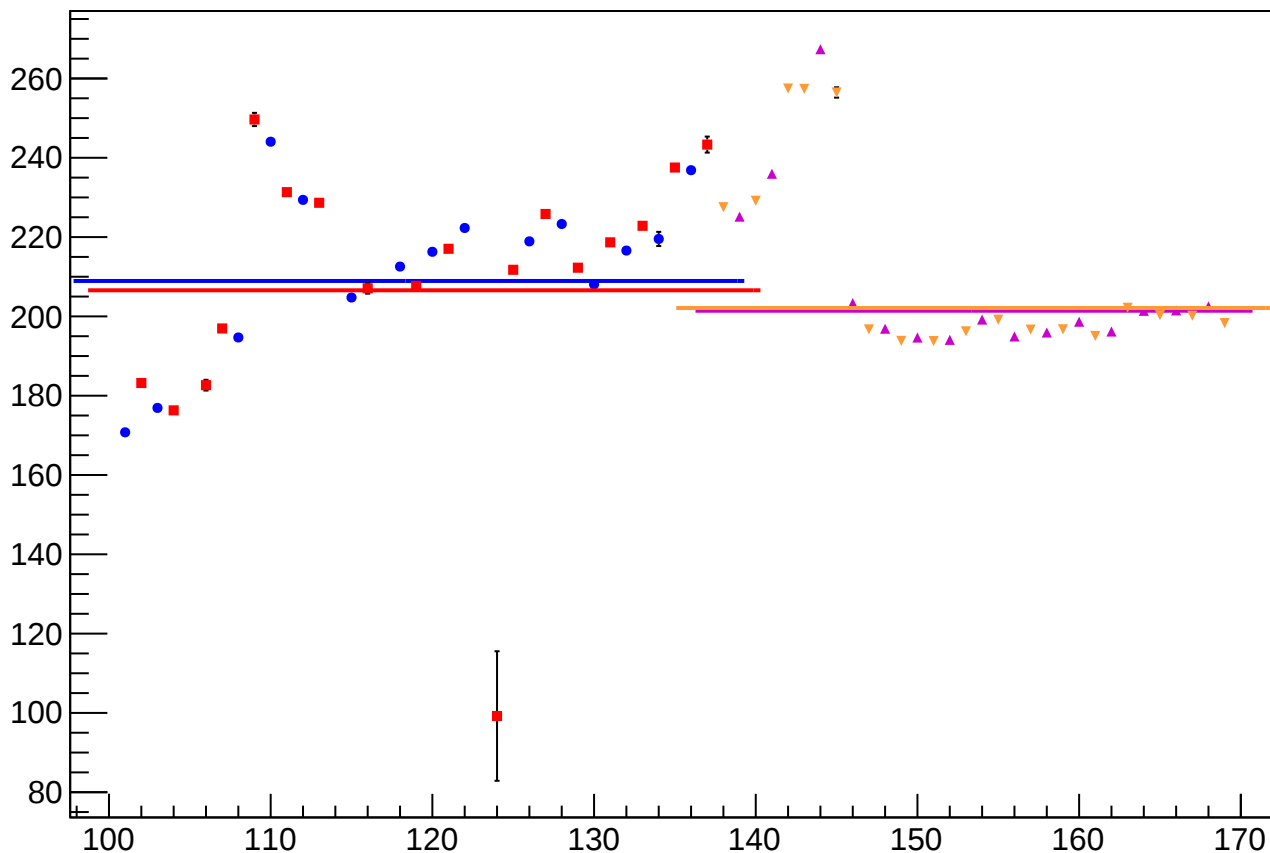
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

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

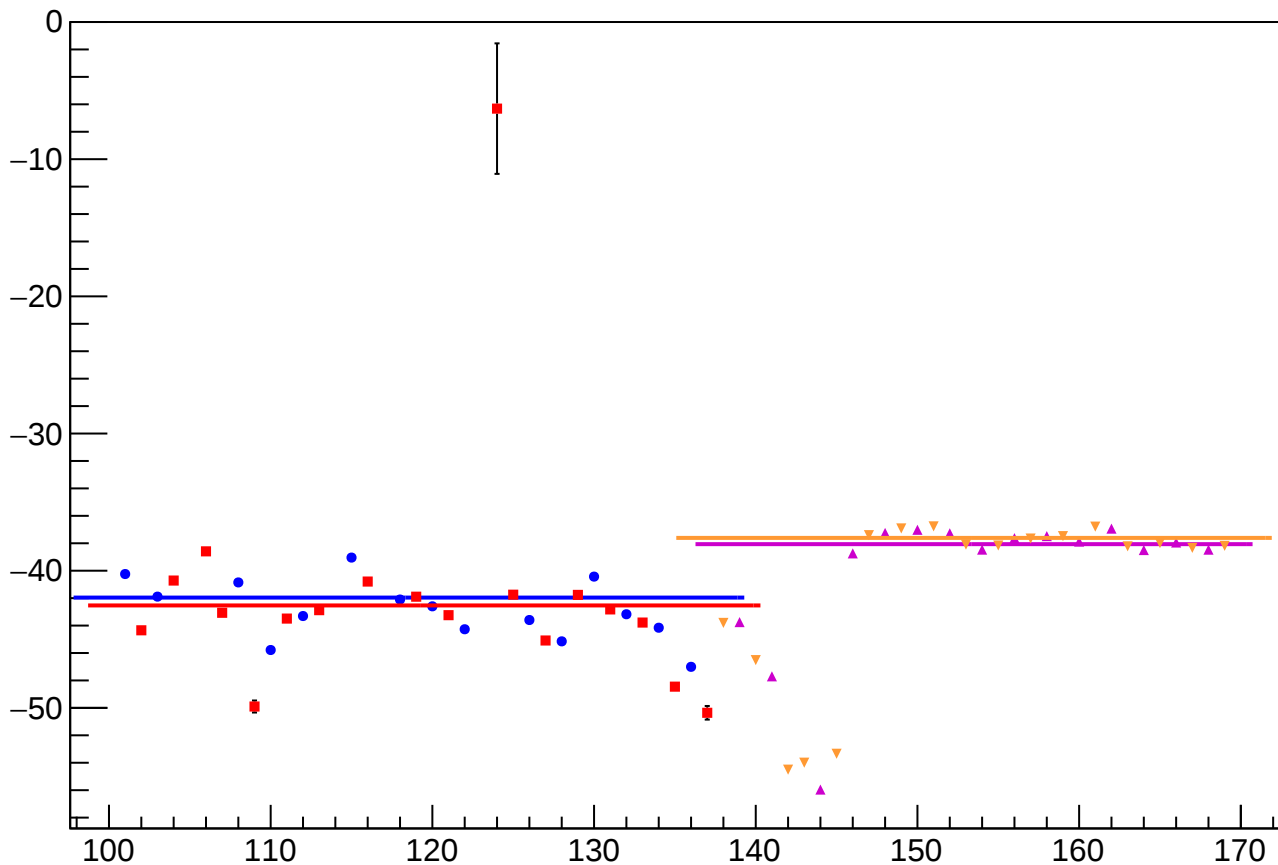
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

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 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.608 ± 0.004 $\chi^2/\text{NDF}: 222448.6/16$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.064 ± 0.005 $\chi^2/\text{NDF}: 133223.9/14$

Left: -37.810 ± 0.003 $\chi^2/\text{NDF}: 360368.3/31$

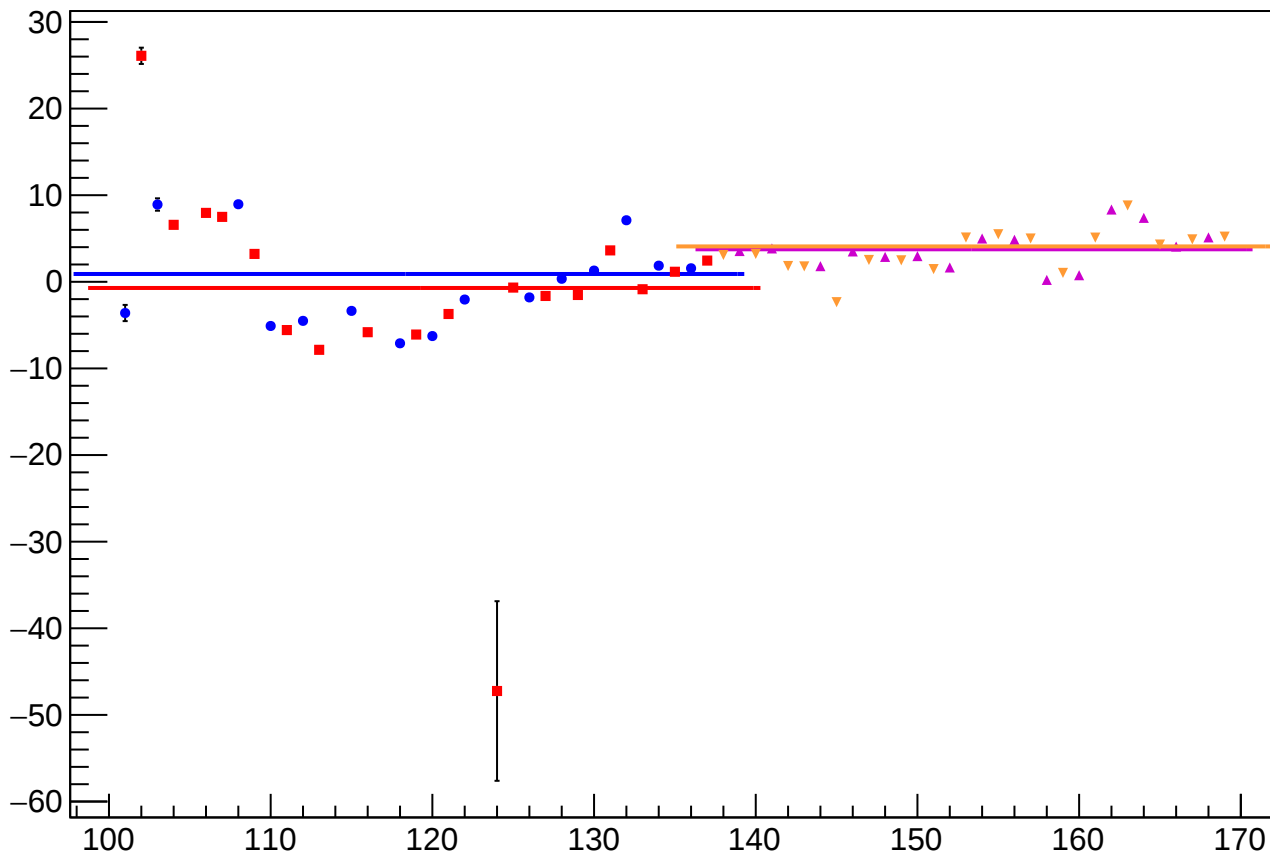
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.423 ± 0.005 $\chi^2/\text{NDF}: 214007.6/29$

Out: -37.824 ± 0.004 $\chi^2/\text{NDF}: 282926.3/34$

All: -38.096 ± 0.003 $\chi^2/\text{NDF}: 505656.5/64$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 4.086 $\pm$ 0.007 χ^2 /NDF:87640.0/16

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 3.753 $\pm$ 0.008 χ^2 /NDF:64493.7/14

Left: 3.952 $\pm$ 0.005 χ^2 /NDF: 153142.6/31

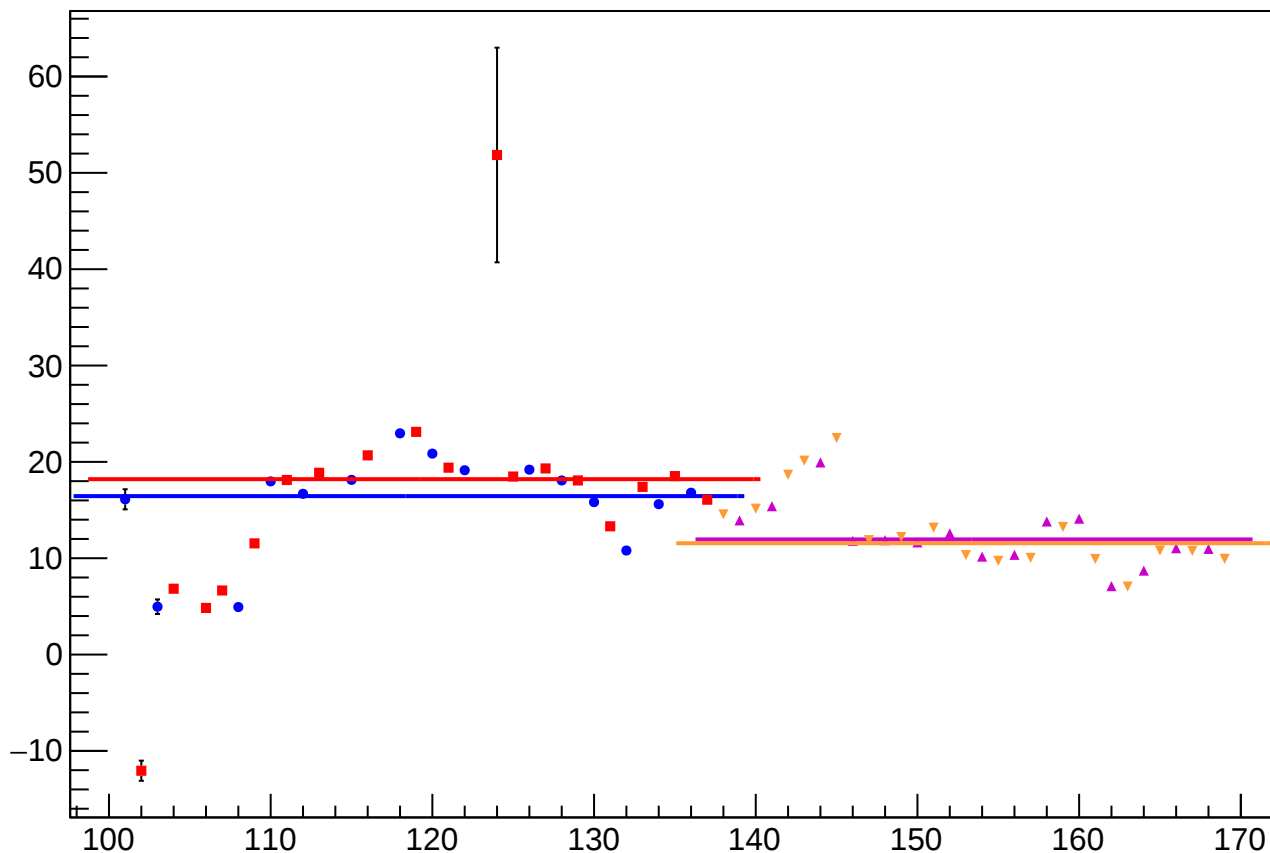
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 3.354 $\pm$ 0.008 χ^2 /NDF:103022.4/29

Out: 3.754 $\pm$ 0.006 χ^2 /NDF:154627.2/34

All: 3.585 $\pm$ 0.005 χ^2 /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

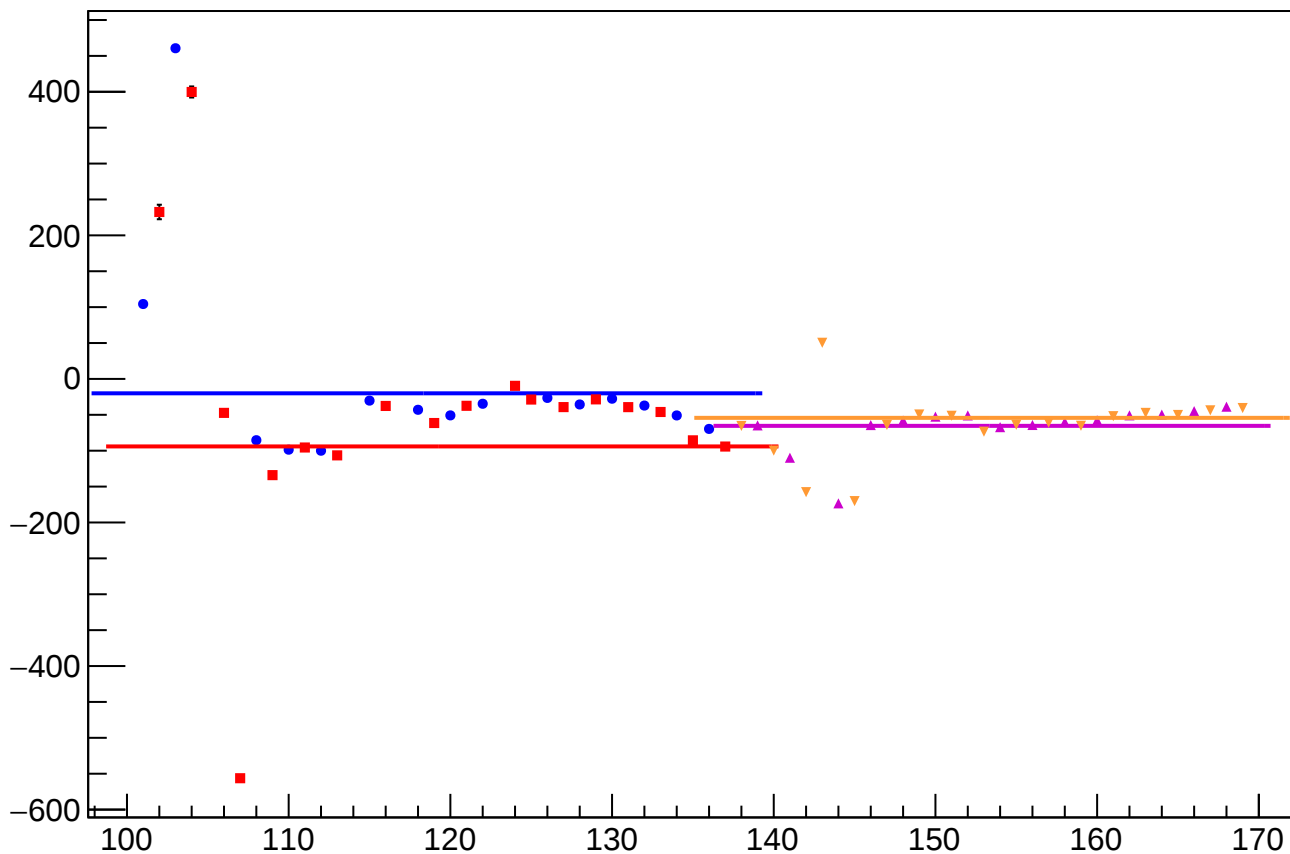
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

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 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -54.231 ± 0.102 $\chi^2/\text{NDF}: 51825.5/16$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -65.385 ± 0.136 $\chi^2/\text{NDF}: 41730.6/14$

Left: -58.249 ± 0.081 $\chi^2/\text{NDF}: 97874.9/31$

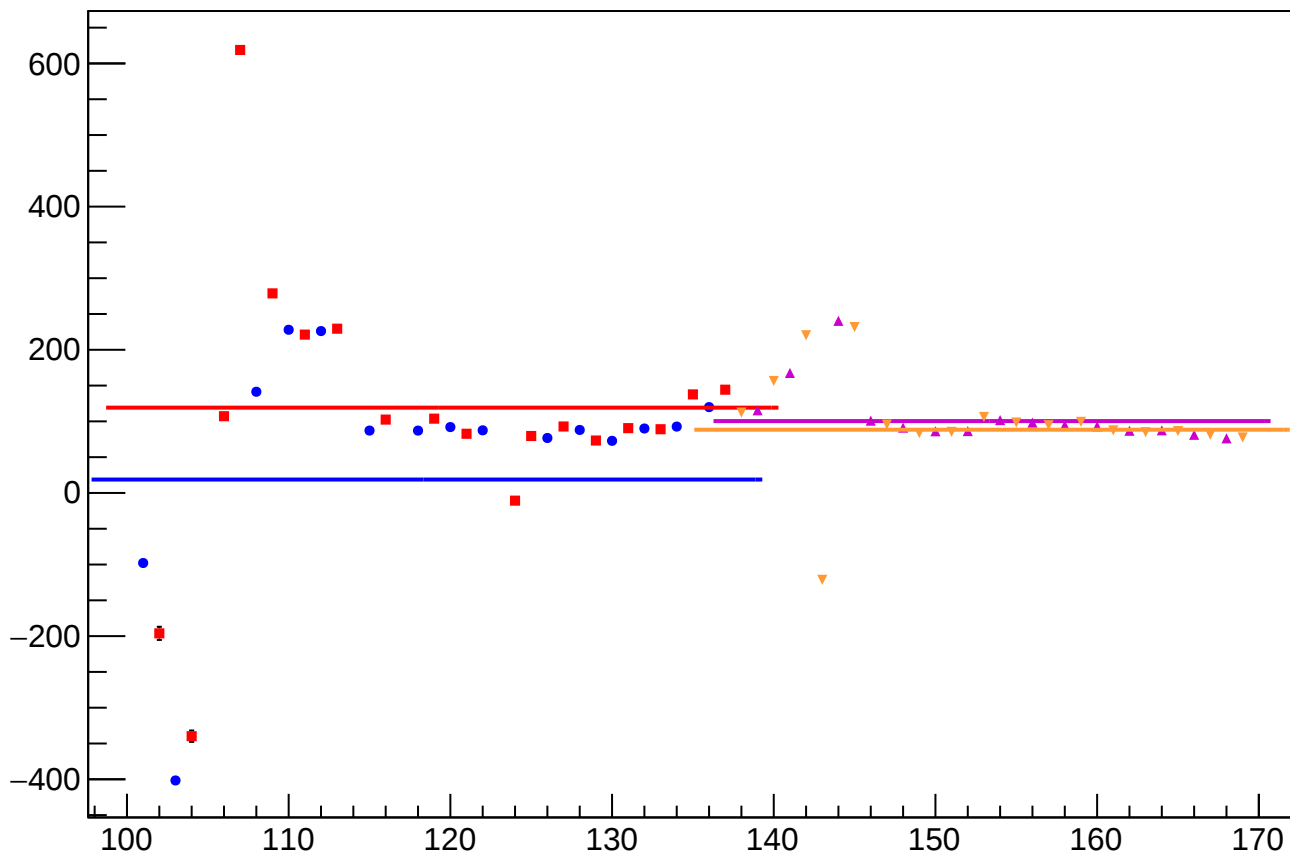
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.440 ± 0.102 $\chi^2/\text{NDF}: 532244.2/29$

Out: -93.466 ± 0.012 $\chi^2/\text{NDF}: 289871.1/34$

All: -92.767 ± 0.012 $\chi^2/\text{NDF}: 1042347.6/64$

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 $\chi^2/\text{NDF}: 240353.3/31$

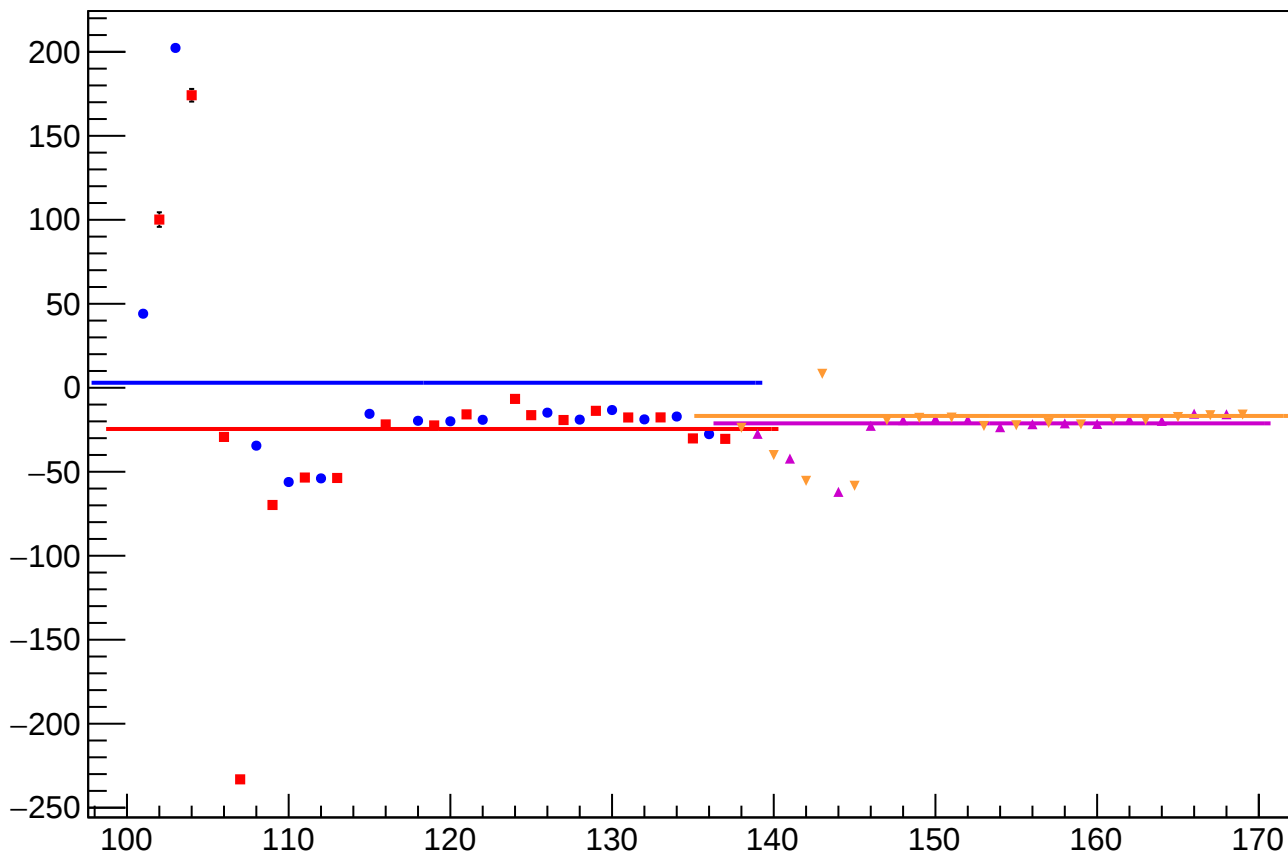
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

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 $\chi^2/\text{NDF}: 745984.6/31$

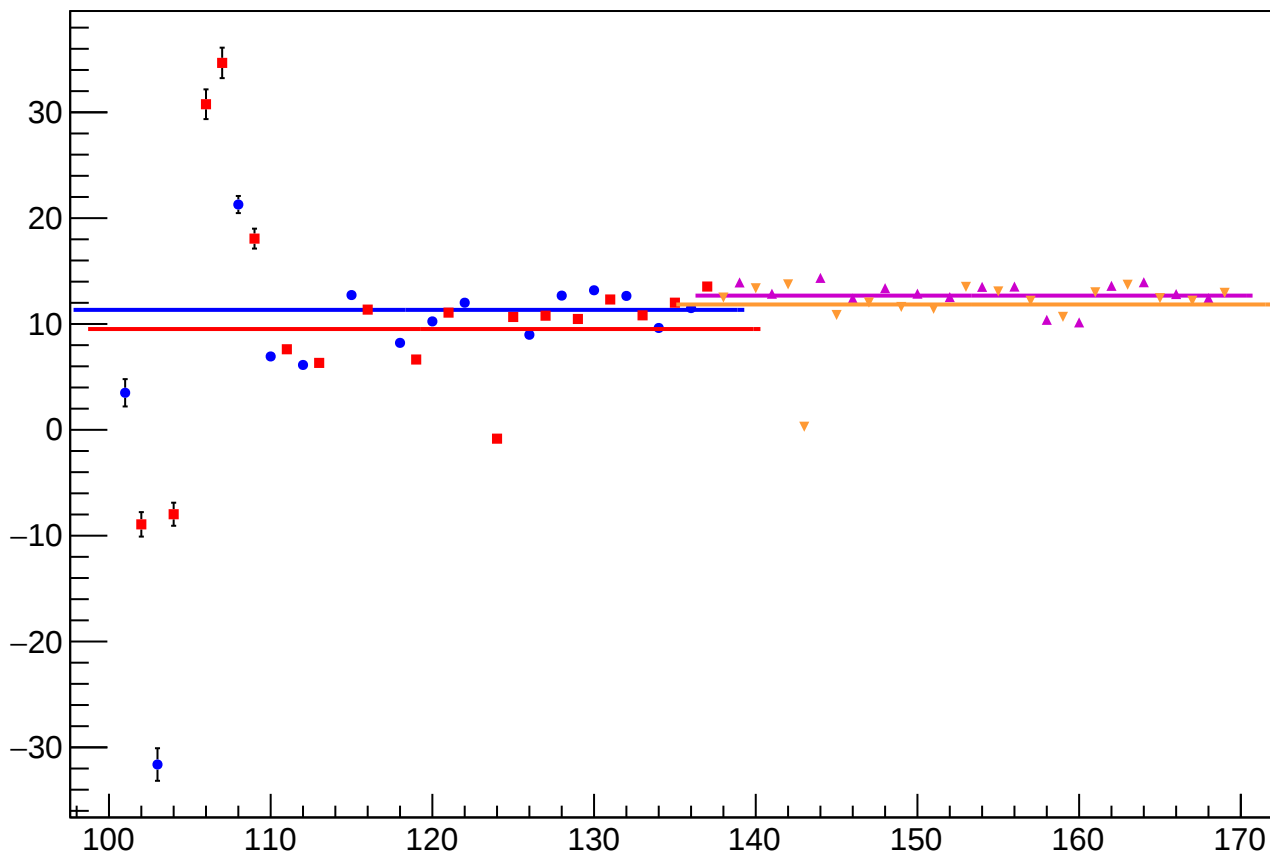
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

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 $\chi^2/\text{NDF}: 37063.9/31$

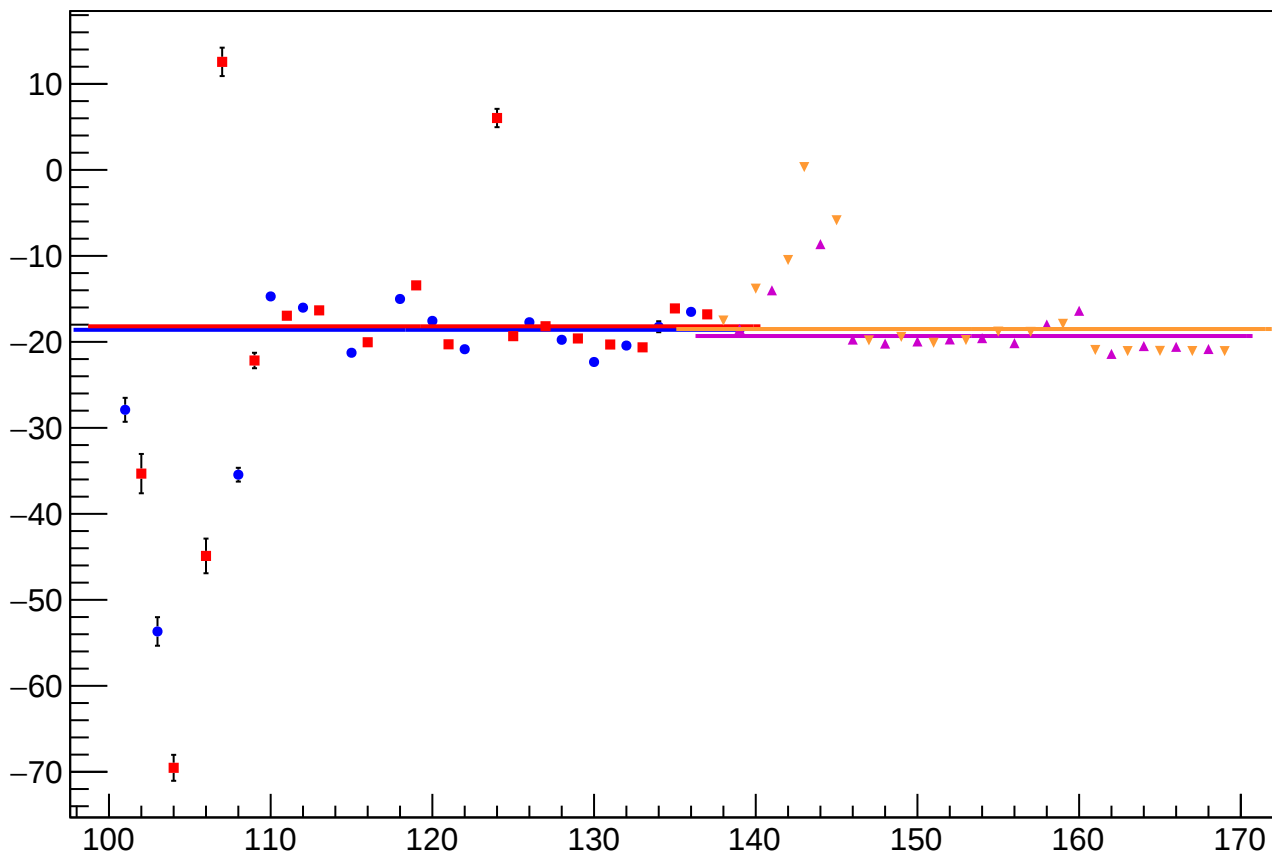
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

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 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -18.504 ± 0.019 $\chi^2/\text{NDF}: 52432.4/16$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.319 ± 0.019 $\chi^2/\text{NDF}: 9498.1/14$

Left: -18.916 ± 0.013 $\chi^2/\text{NDF}: 62888.4/31$

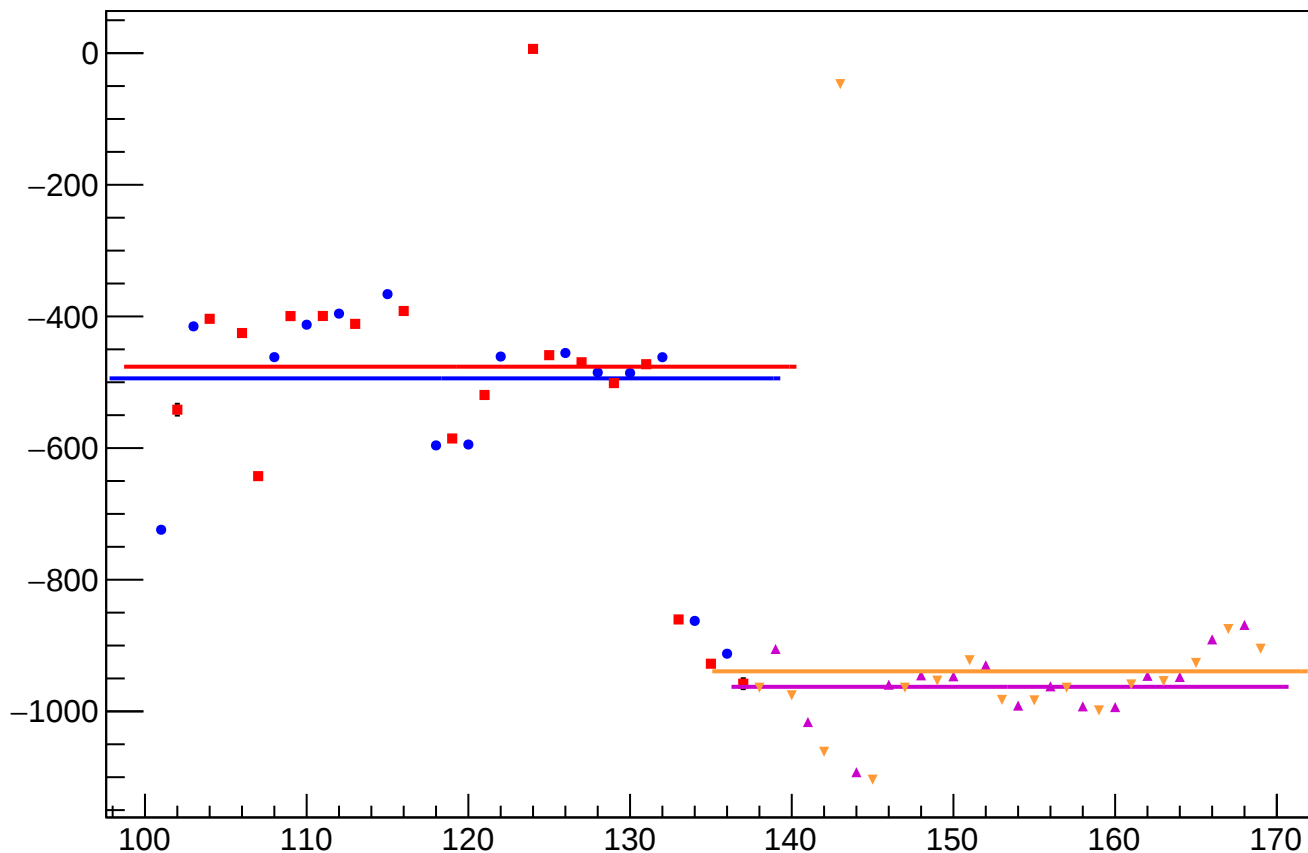
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.175 ± 0.017 $\chi^2/\text{NDF}: 15989.7/29$

Out: -18.464 ± 0.018 $\chi^2/\text{NDF}: 57348.9/34$

All: -18.840 ± 0.012 $\chi^2/\text{NDF}: 74208.3/64$

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 $\chi^2/\text{NDF}: 406516.7/31$

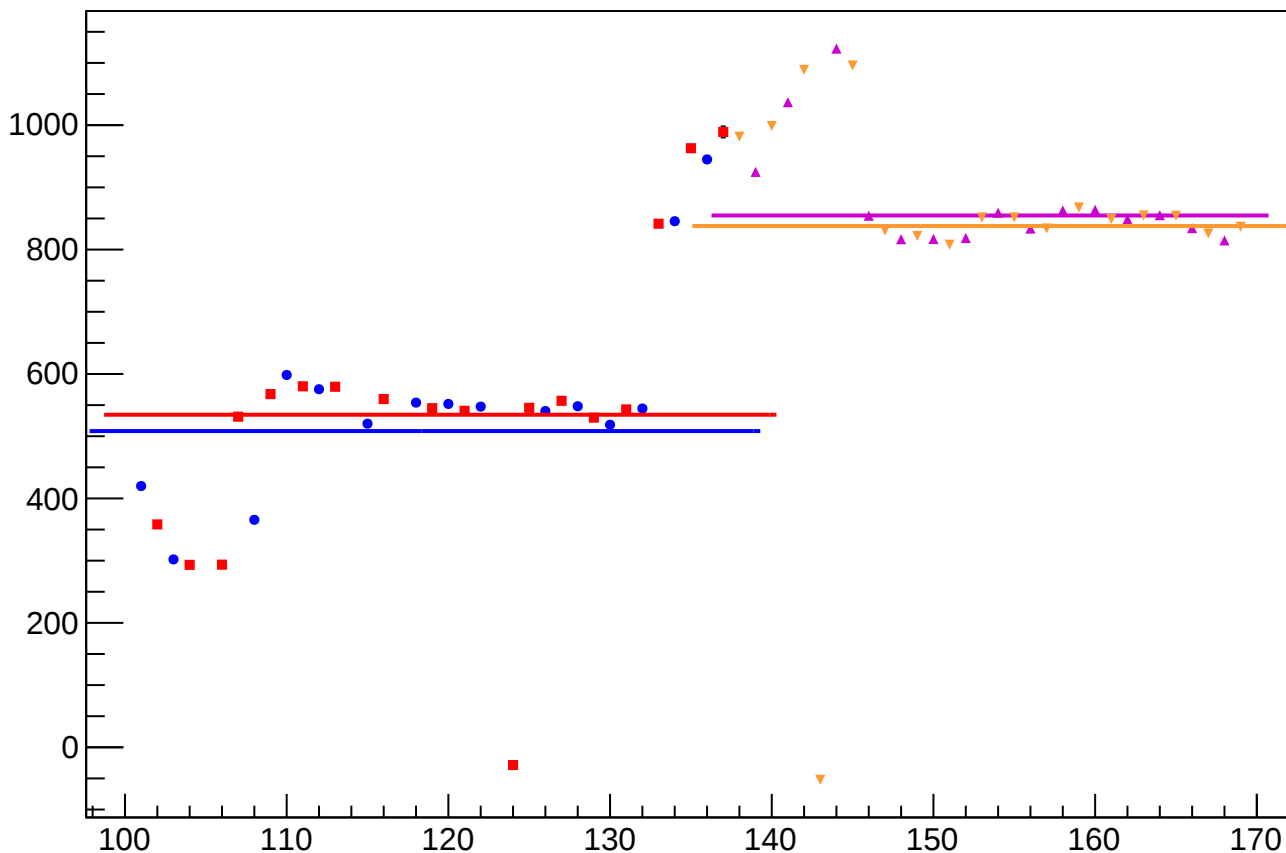
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

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

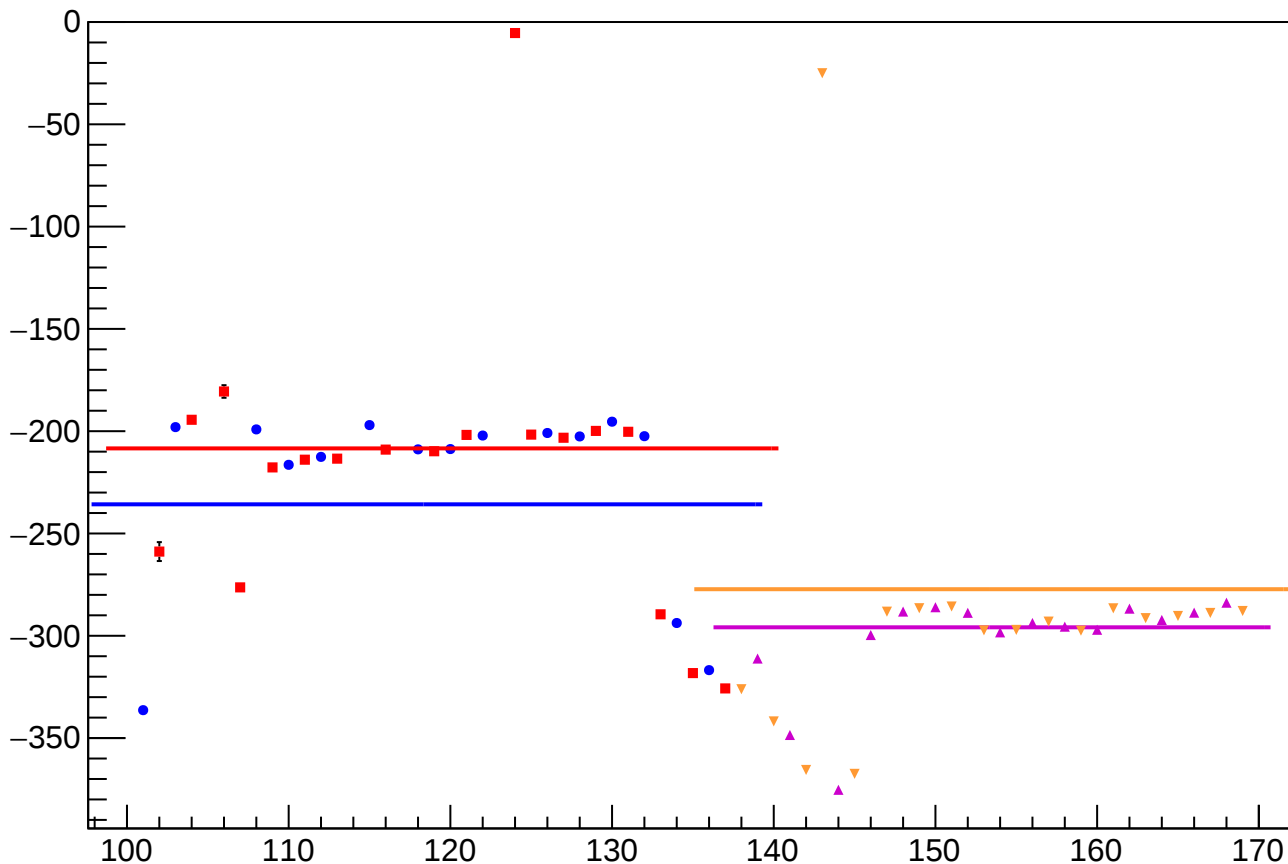
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

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

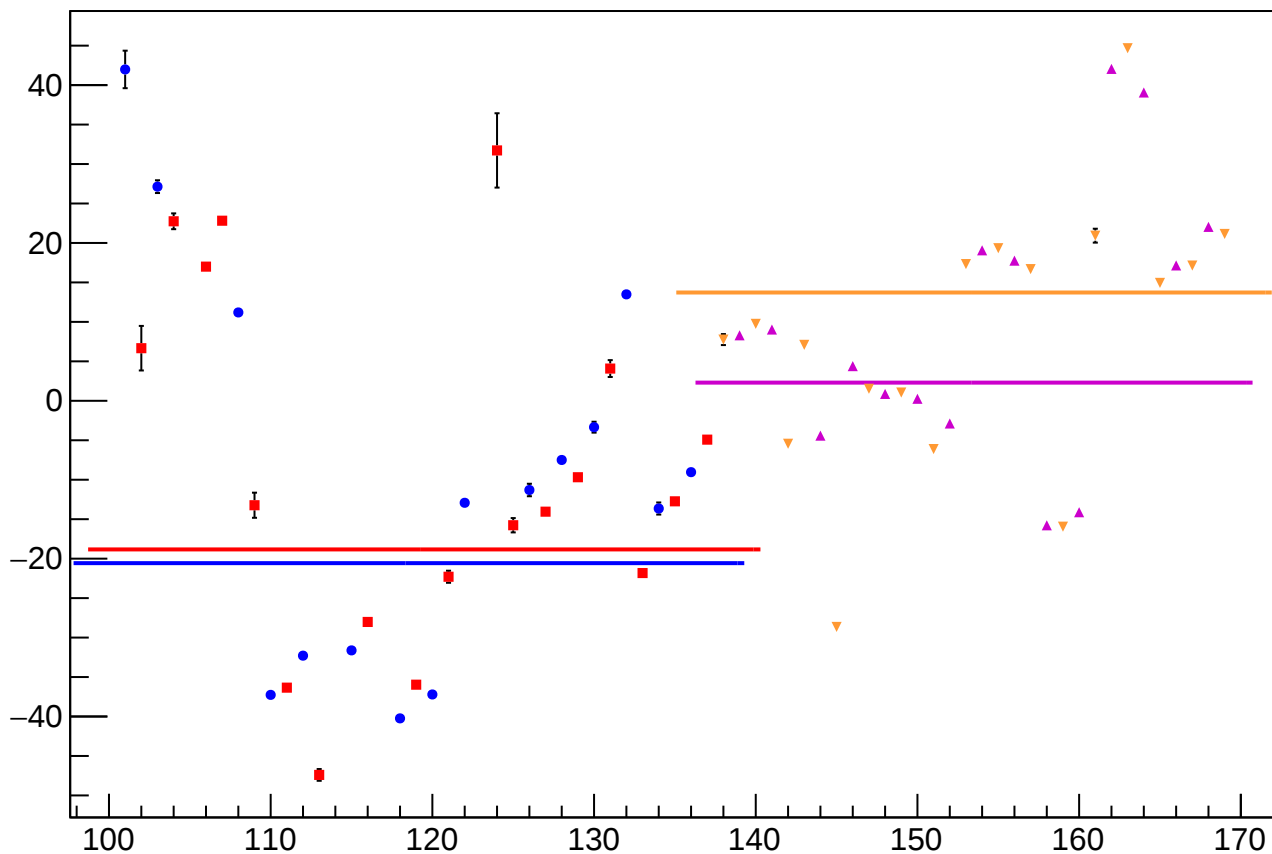
Right: -219.823 ± 0.036 χ^2/NDF : 1393978.3/32

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 $\chi^2/\text{NDF}: 1216785.4/31$

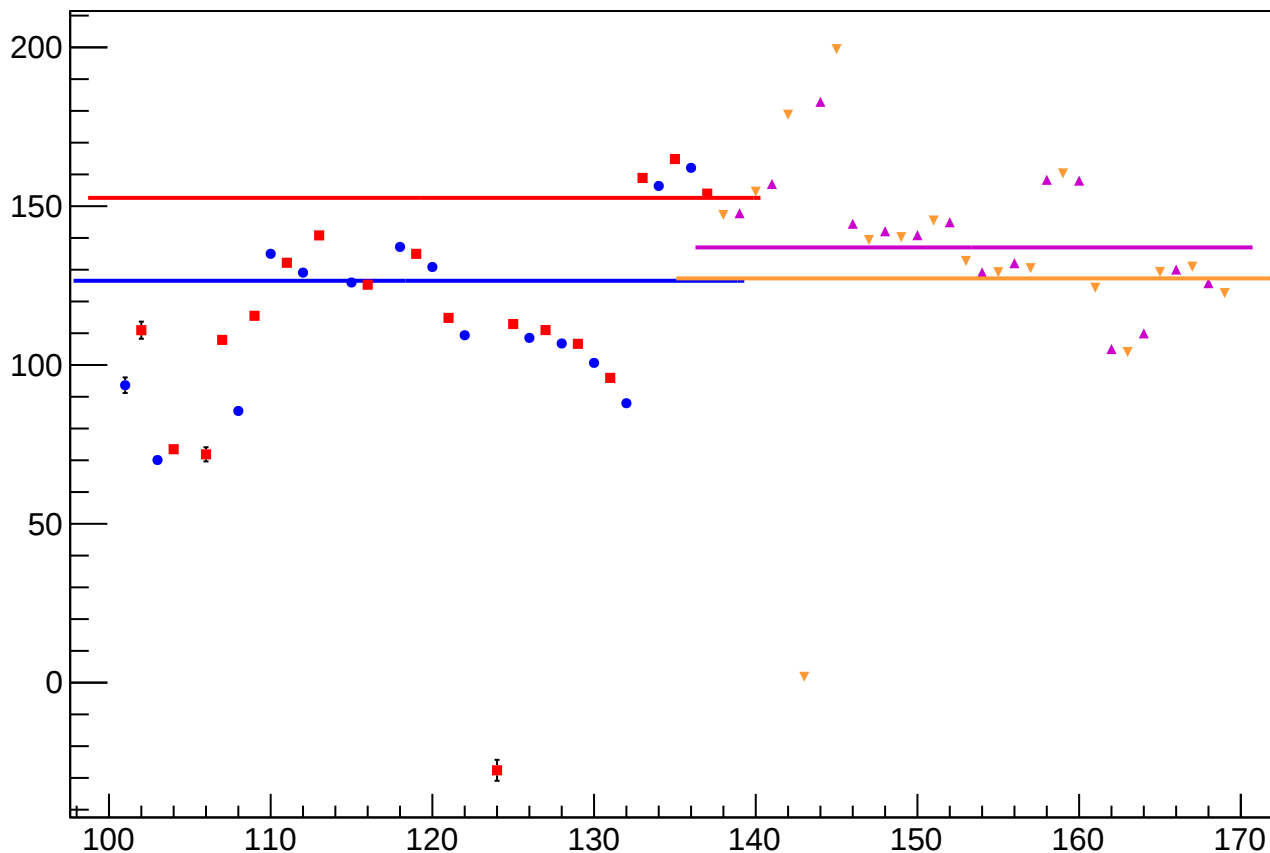
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

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

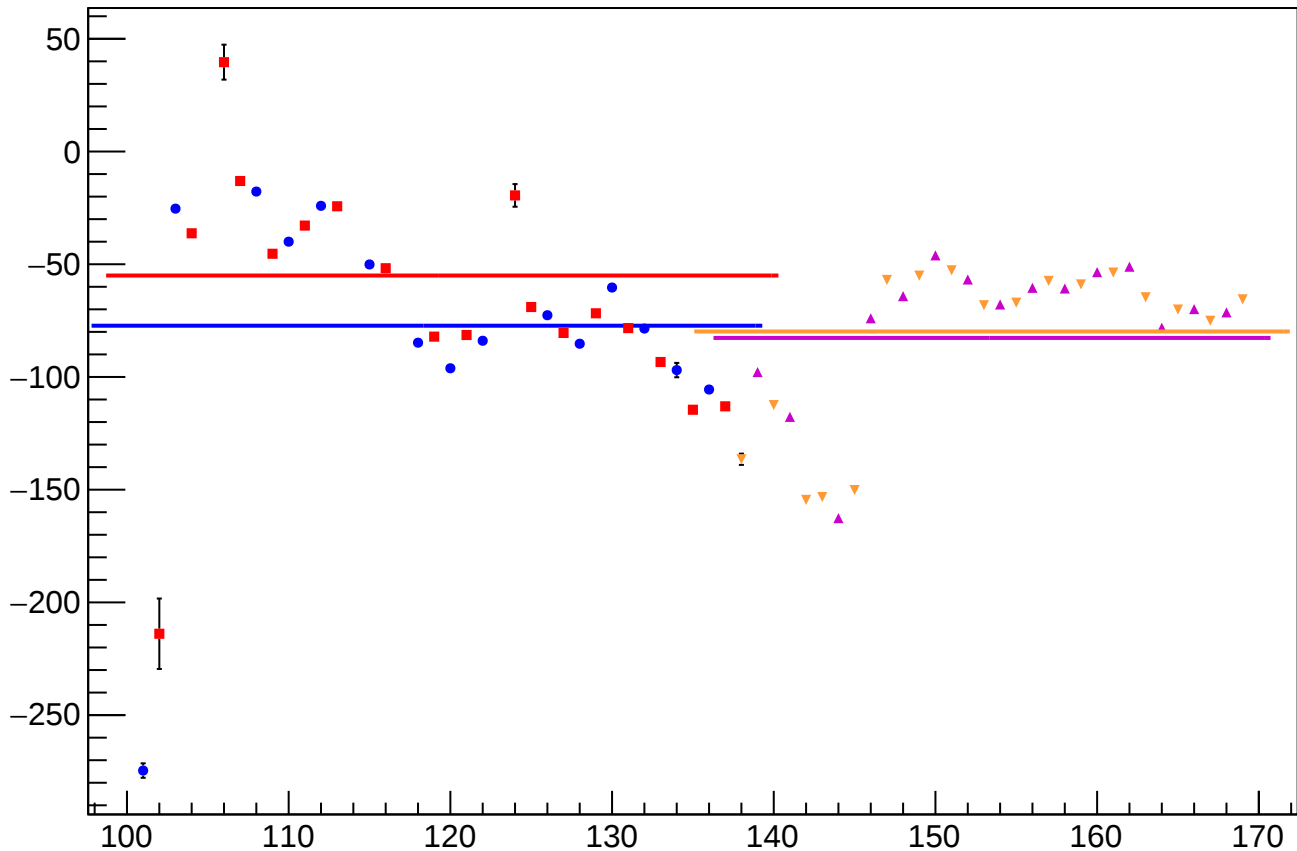
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

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

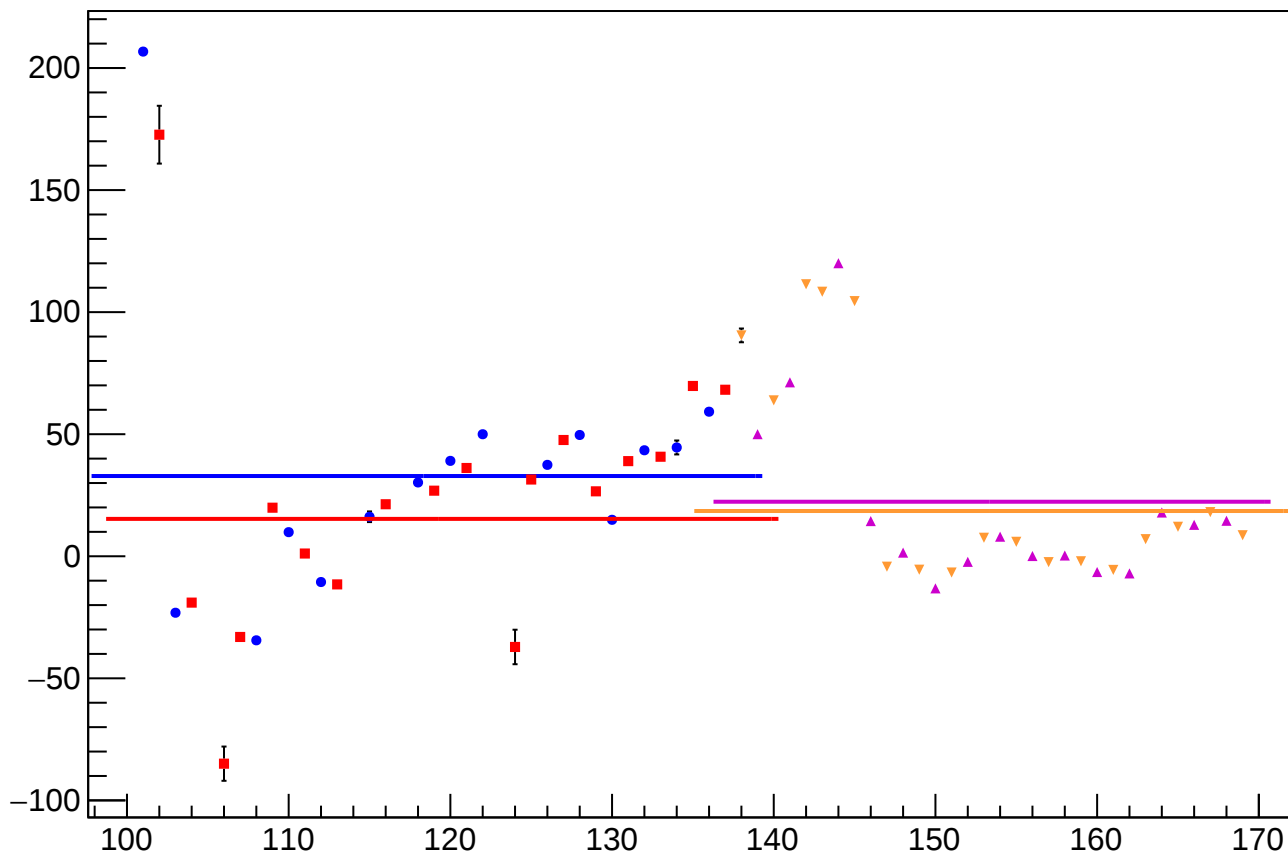
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

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 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 18.536 $\pm$ 0.120 χ^2/NDF : 89660.2/16

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 22.338 $\pm$ 0.128 χ^2/NDF : 86782.9/14

Left: 20.316 $\pm$ 0.088 χ^2/NDF : 176912.5/31

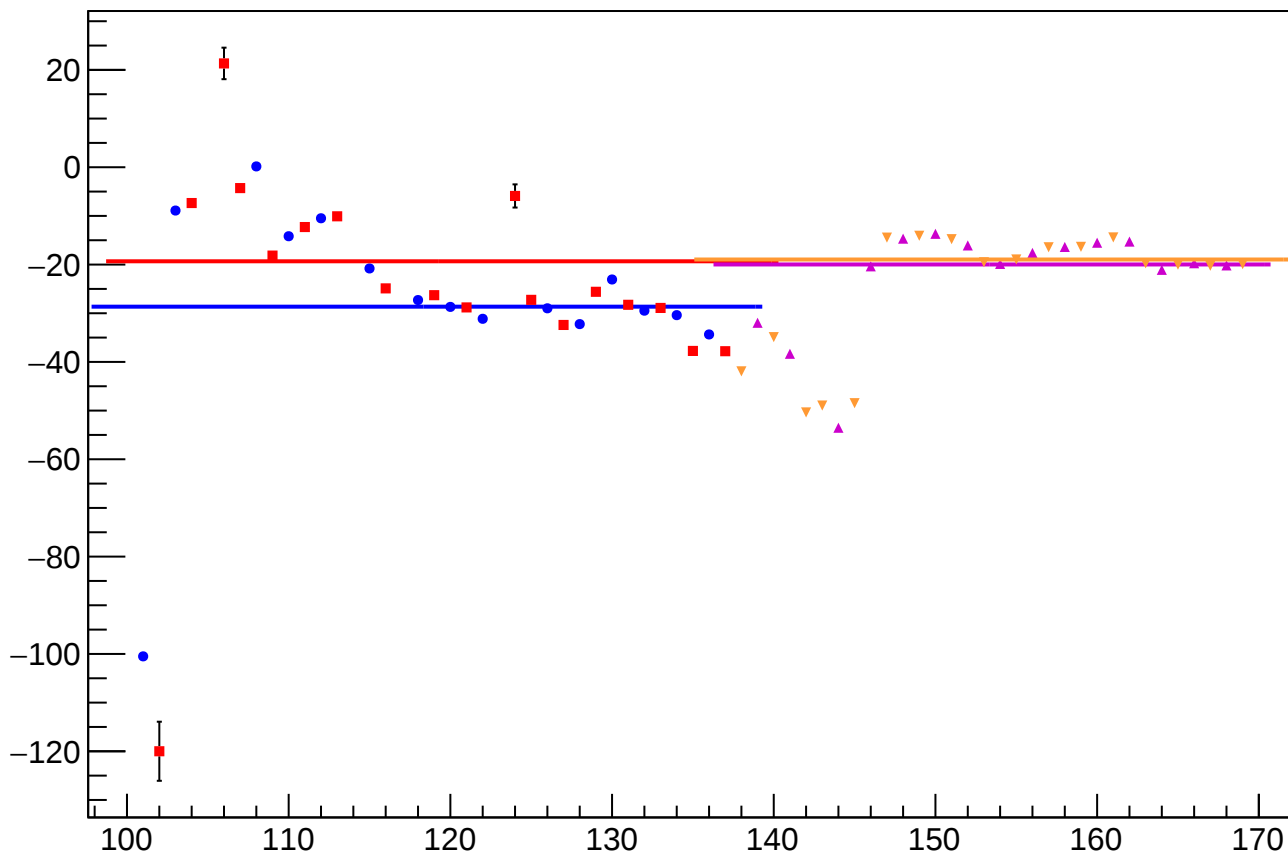
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 26.914 $\pm$ 0.096 χ^2/NDF : 121117.7/29

Out: 17.739 $\pm$ 0.104 χ^2/NDF : 106584.5/34

All: 22.689 $\pm$ 0.071 χ^2/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 $\chi^2/\text{NDF}: 419174.1/31$

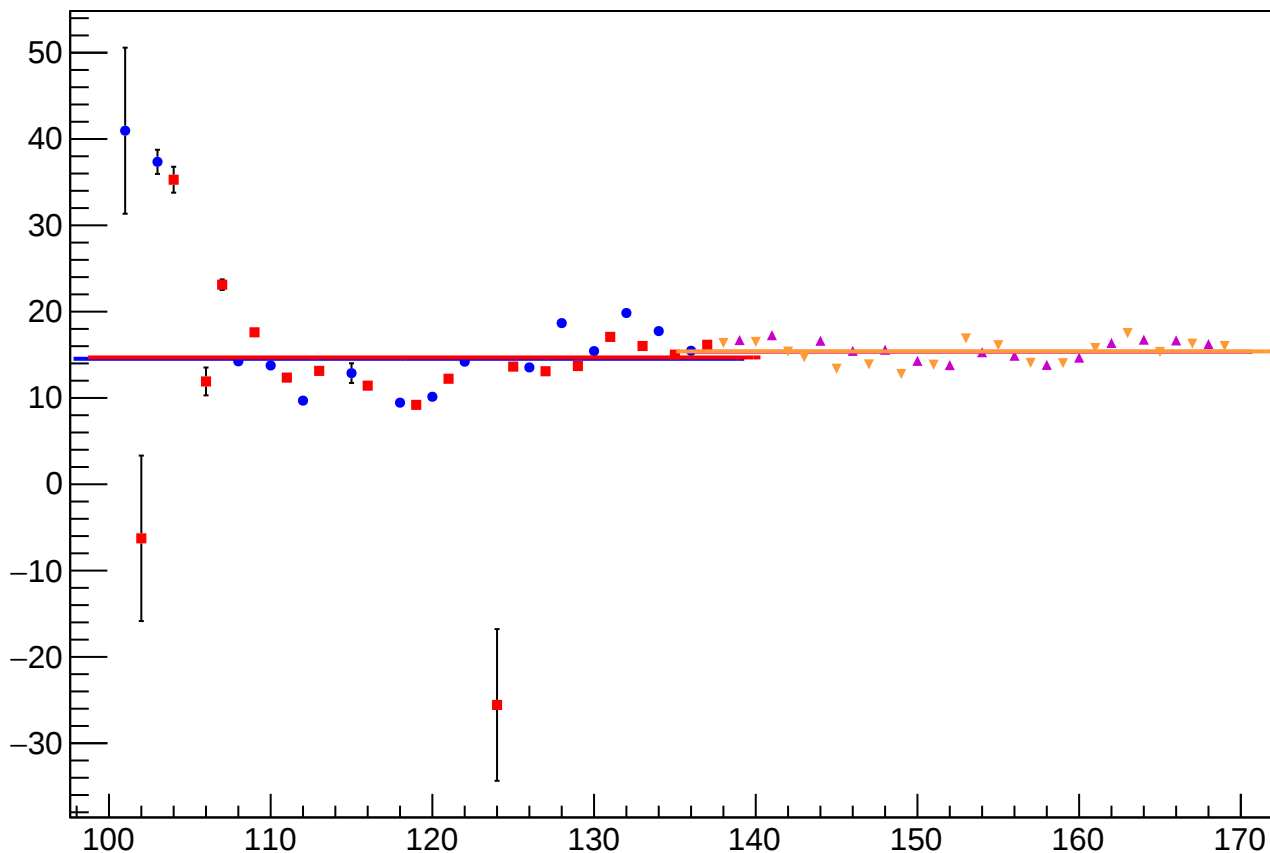
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

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+/-0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.394+/-0.015 χ^2 /NDF: 6825.6/16

Right Out: 14.695+/-0.044 χ^2 /NDF: 1633.0/17

Left In: 15.352+/-0.016 χ^2 /NDF: 4628.3/14

Left: 15.374+/-0.011 χ^2 /NDF: 11457.5/31

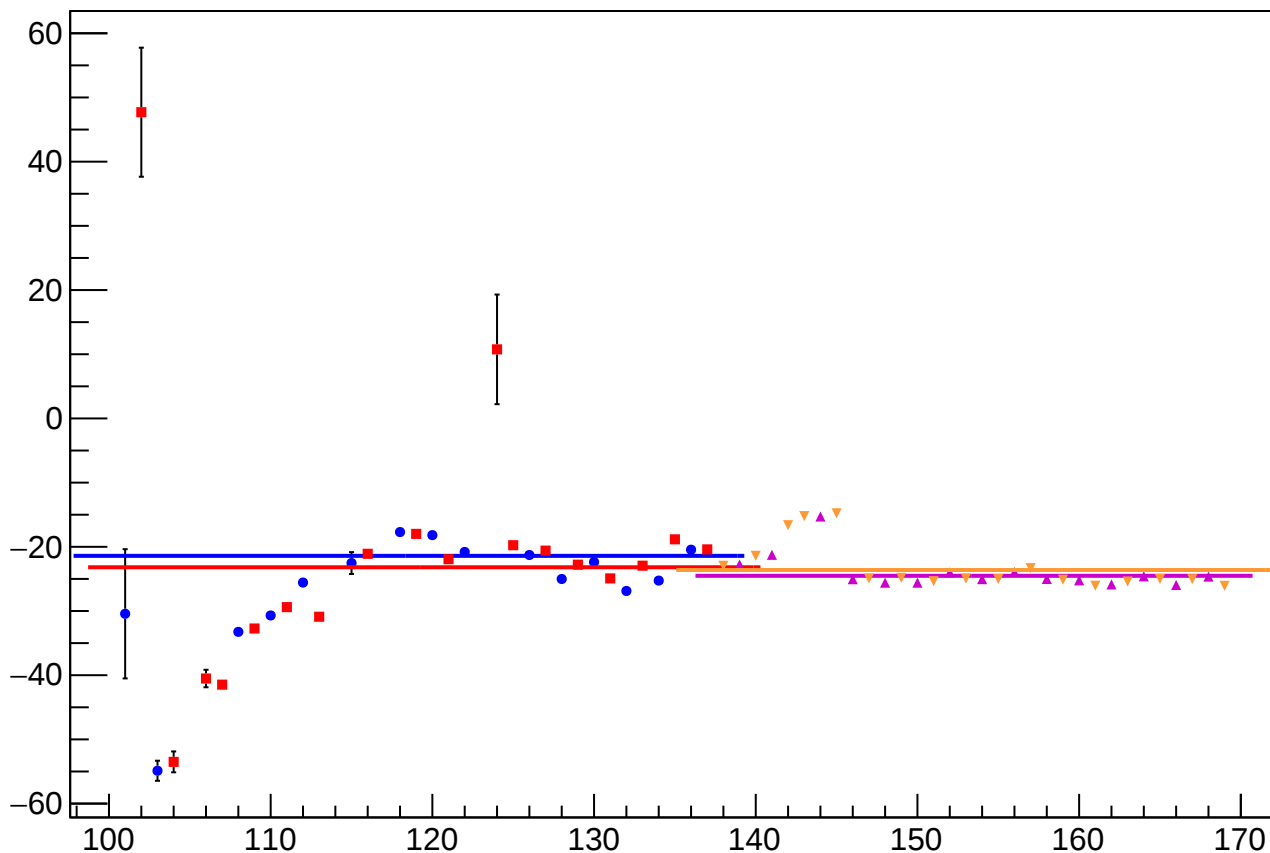
Right: 14.589+/-0.025 χ^2 /NDF: 13713.5/32

In: 15.168+/-0.014 χ^2 /NDF: 17275.7/29

Out: 15.316+/-0.015 χ^2 /NDF: 8687.9/34

All: 15.240+/-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 $\chi^2/\text{NDF}: 42402.3/31$

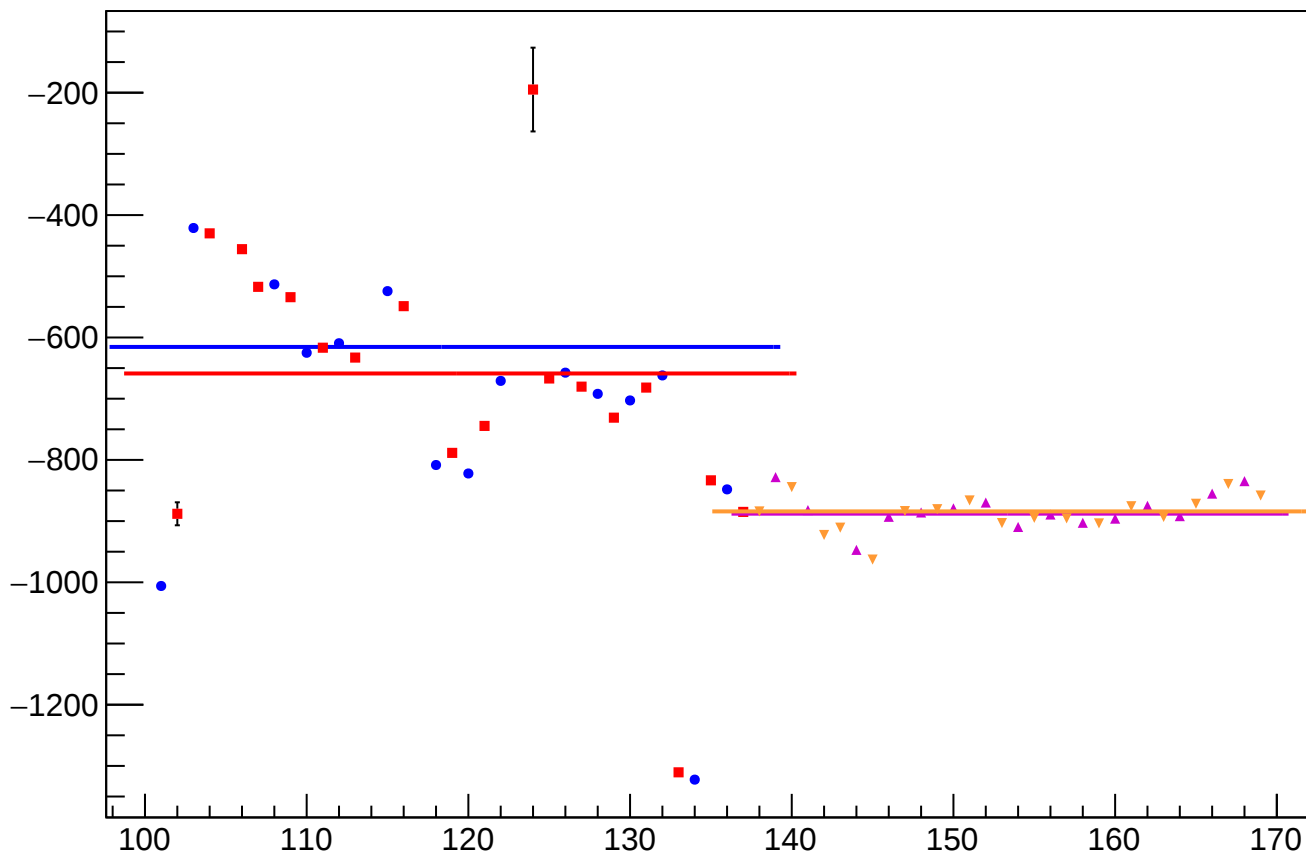
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

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

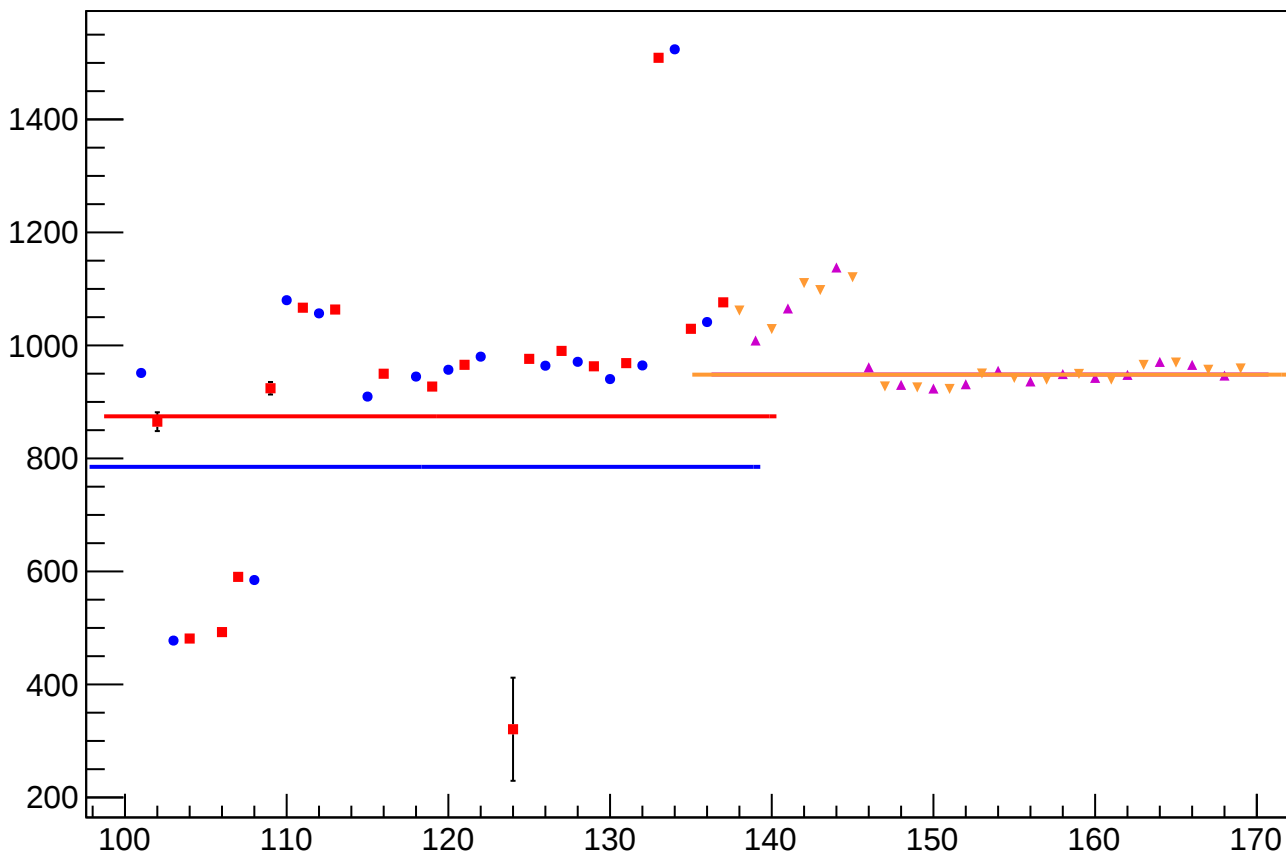
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

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 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 948.278 $\pm$ 0.125 χ^2 /NDF: 71437.7/16

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 948.531 $\pm$ 0.120 χ^2 /NDF: 75234.0/14

Left: 948.409 $\pm$ 0.087 χ^2 /NDF: 146673.8/31

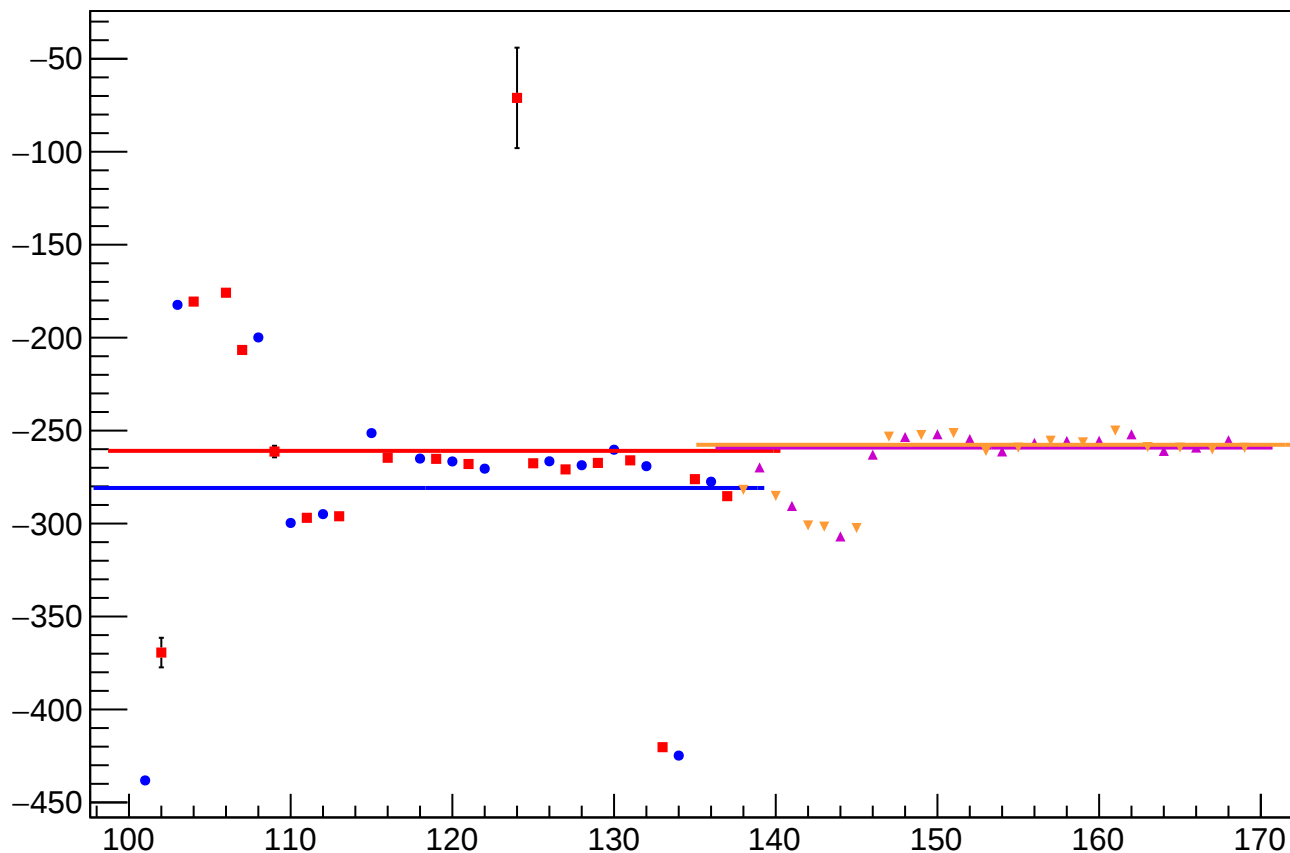
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 912.986 $\pm$ 0.106 χ^2 /NDF: 1363328.4/29

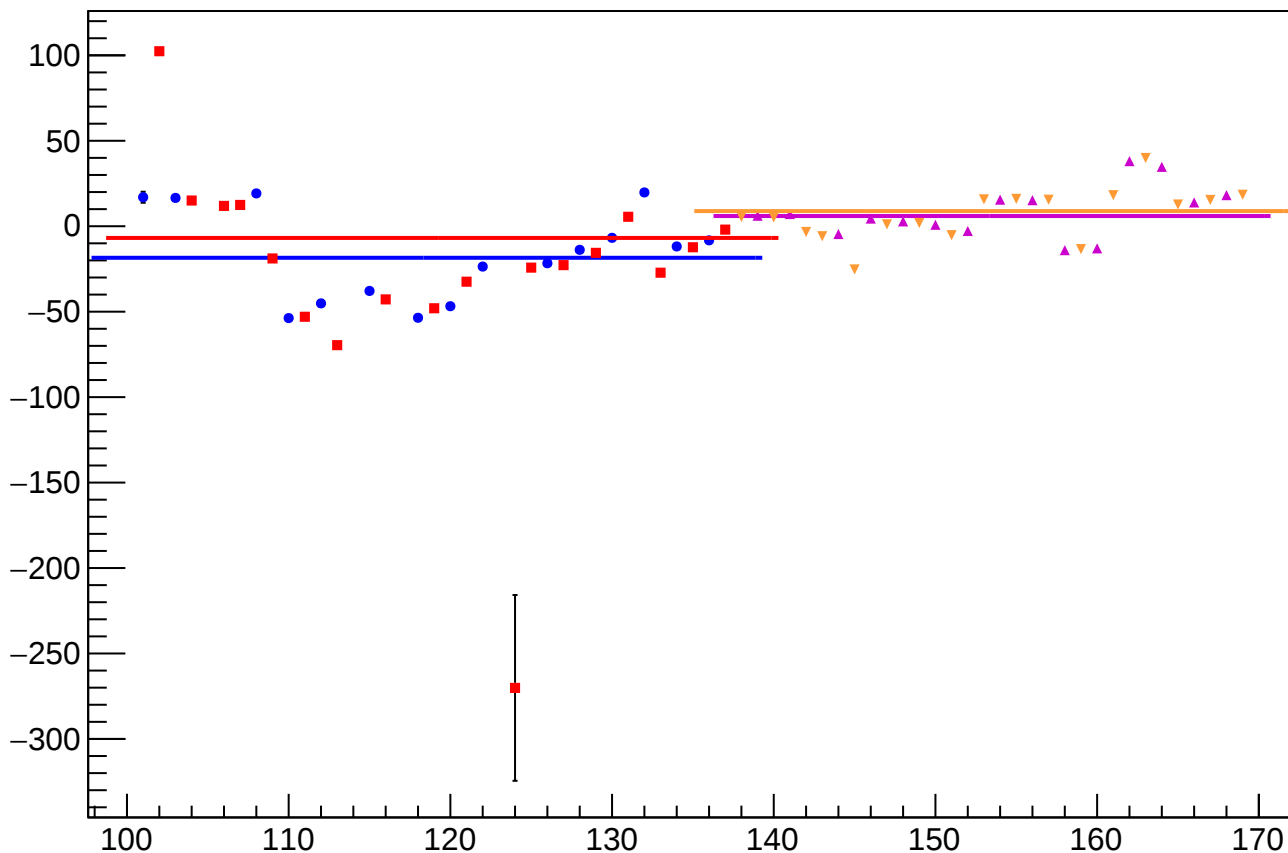
Out: 934.537 $\pm$ 0.113 χ^2 /NDF: 978865.0/34

All: 923.131 $\pm$ 0.077 χ^2 /NDF: 2361525.9/64

dit_atr2_11X12X_slope vs Slug, Sign Corrected



dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 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 $\chi^2/\text{NDF}: 802164.4/31$

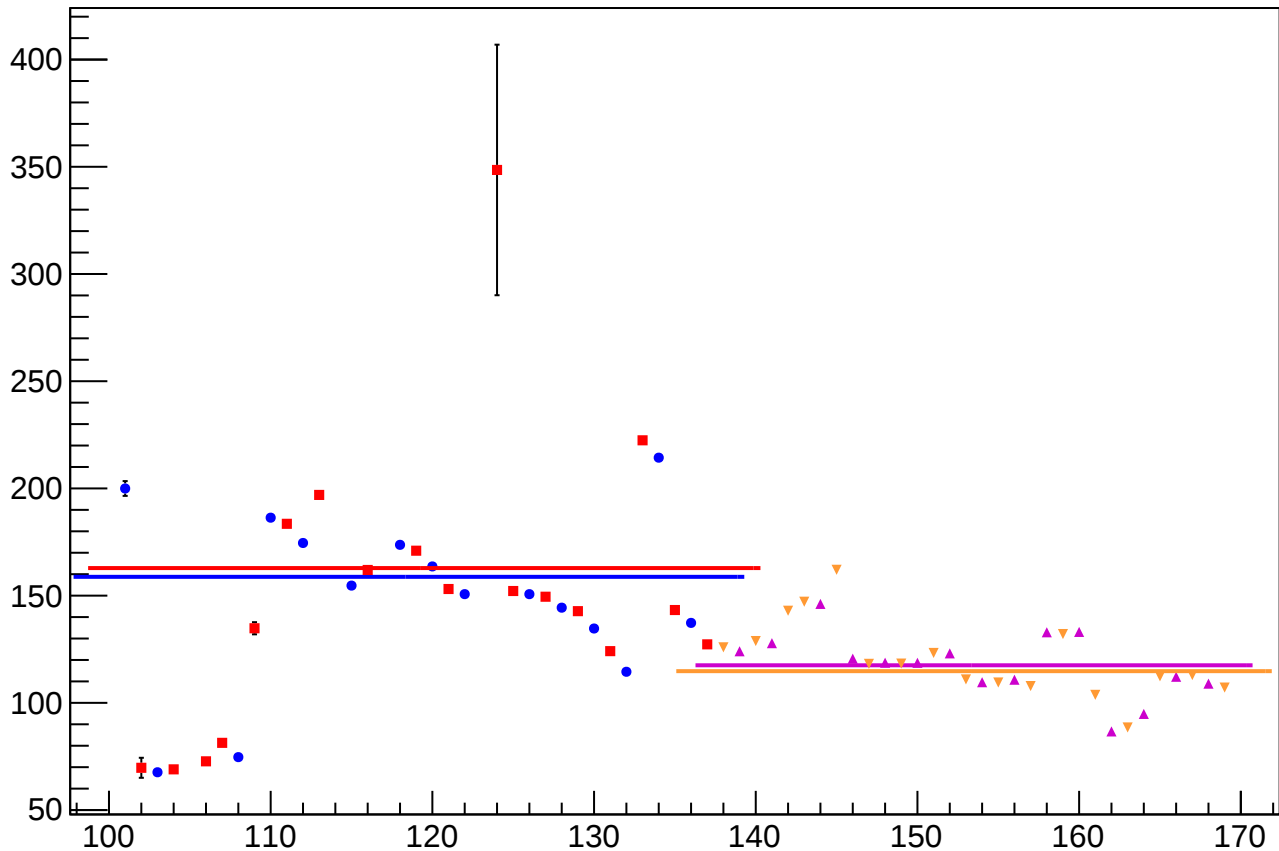
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

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 $\chi^2/\text{NDF}: 1017504.9/64$

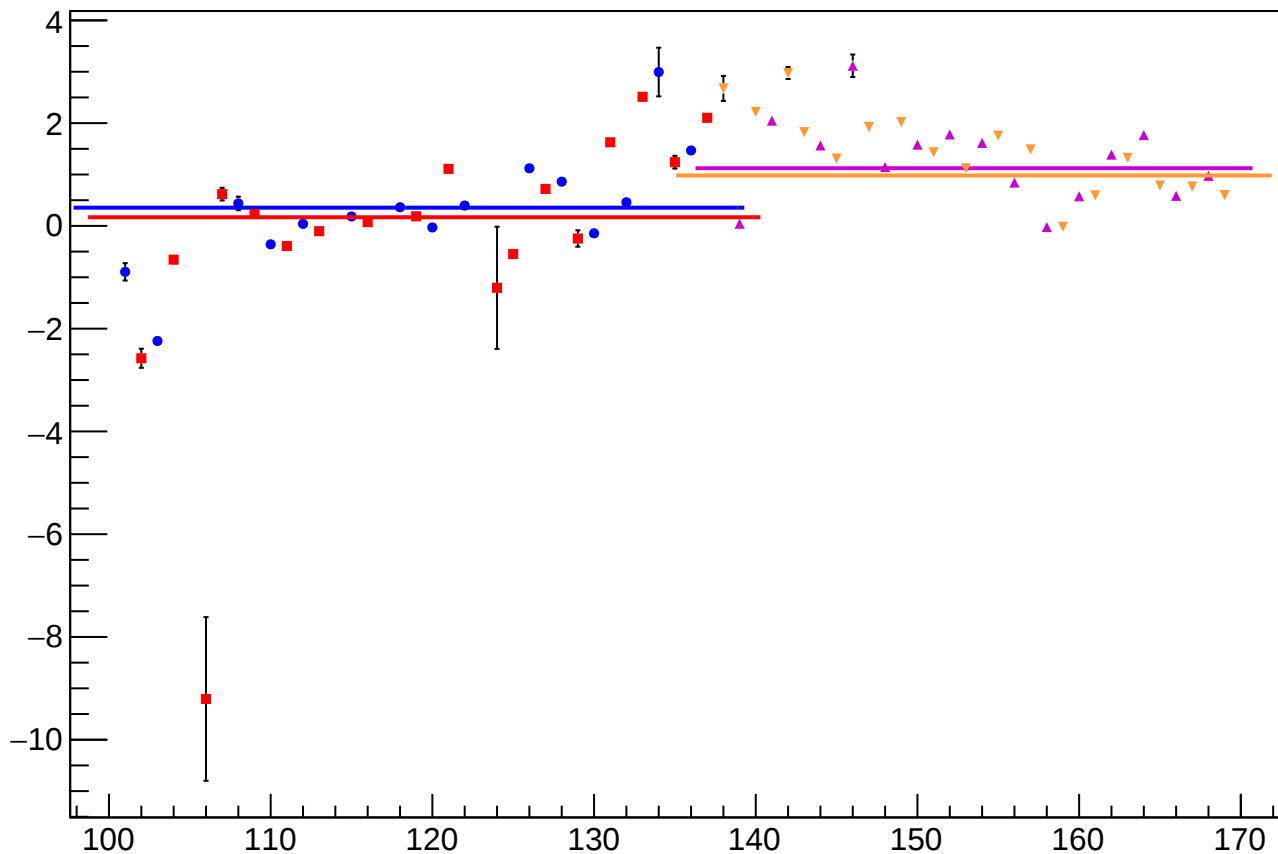
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14
 Left Out: 114.781 $\pm$ 0.026 χ^2 /NDF: 216920.2/16
 Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17
 Left In: 117.518 $\pm$ 0.027 χ^2 /NDF: 262393.5/14

Left: 116.099 $\pm$ 0.019 χ^2 /NDF: 484727.7/31
 Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32
 In: 120.993 $\pm$ 0.026 χ^2 /NDF: 621258.8/29
 Out: 118.203 $\pm$ 0.025 χ^2 /NDF: 619879.7/34
 All: 119.557 $\pm$ 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

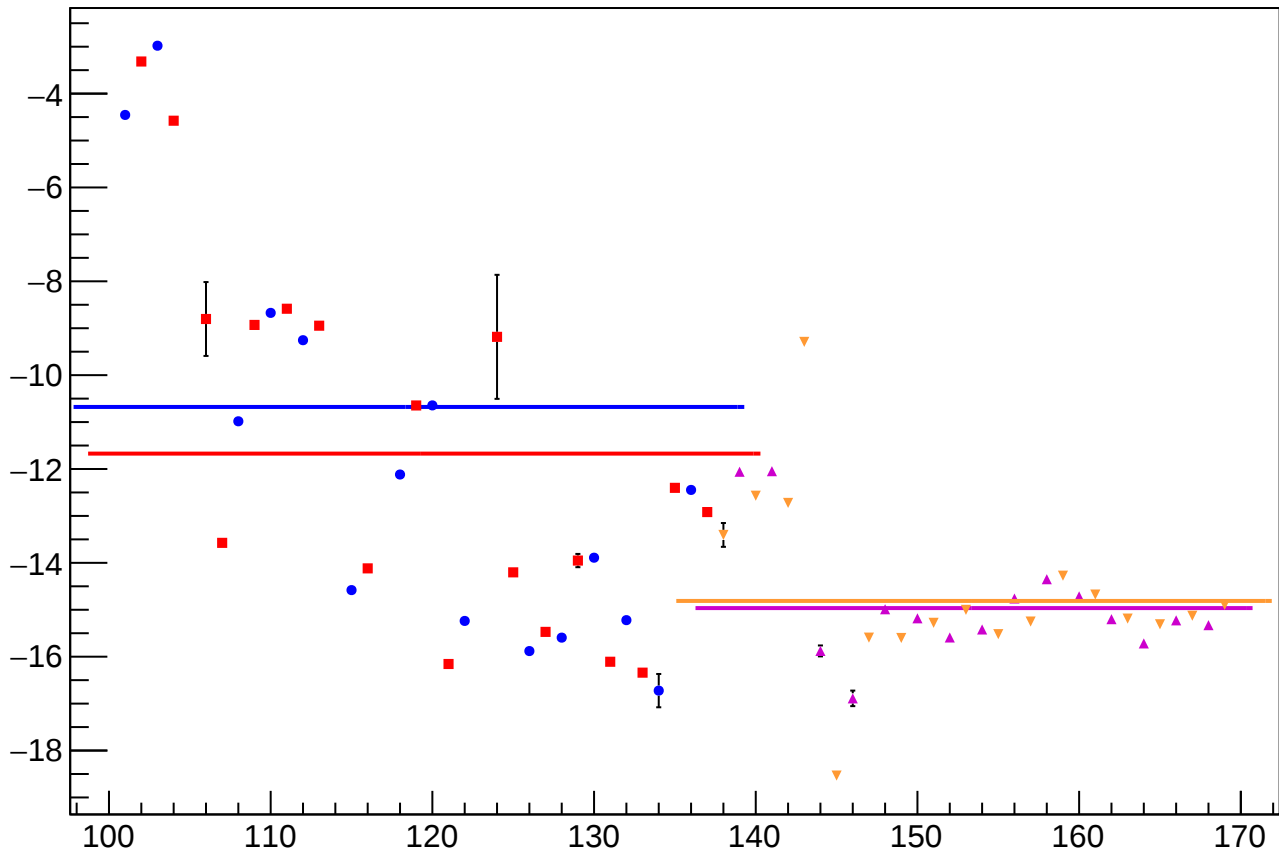
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.874 $\pm$ 0.007 χ^2/NDF : 13321.1/29

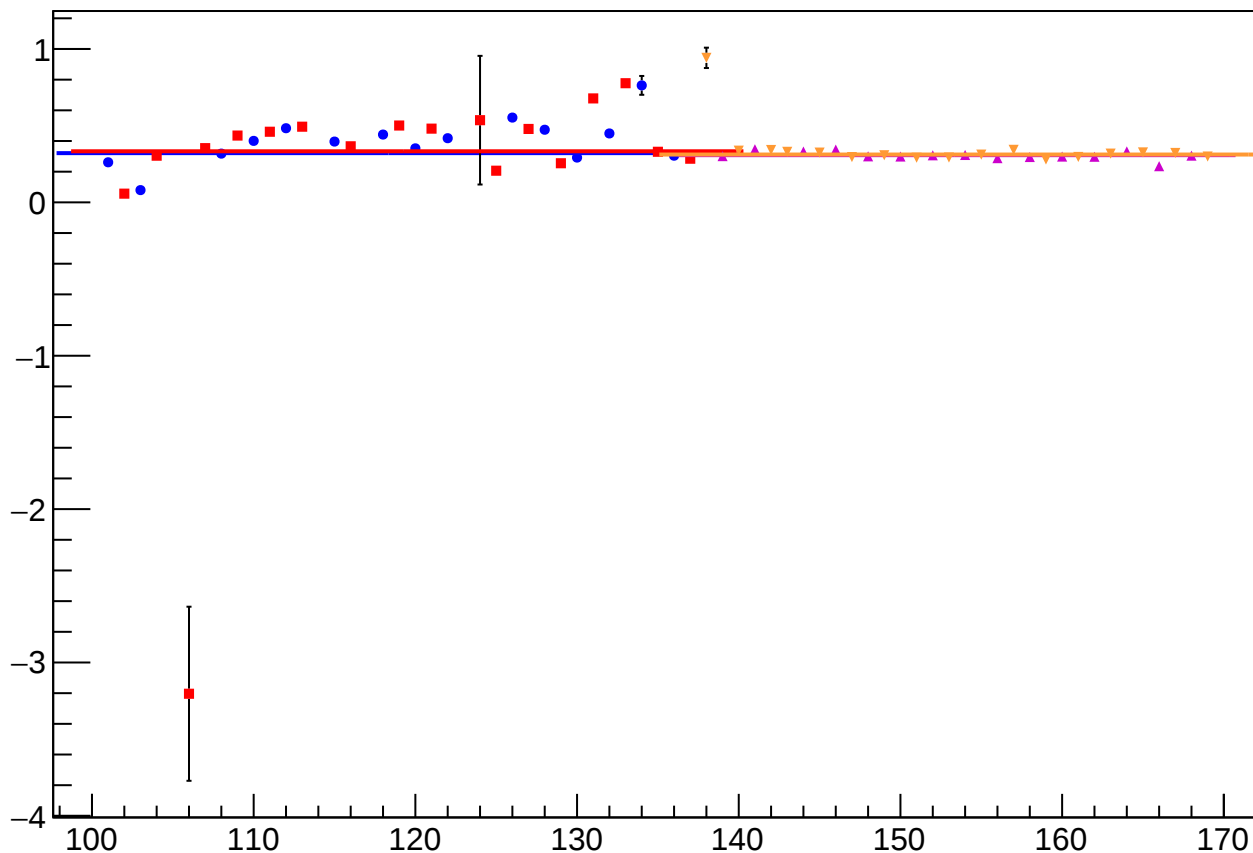
Out: 0.498 $\pm$ 0.006 χ^2/NDF : 14438.5/34

All: 0.662 $\pm$ 0.004 χ^2/NDF : 29547.8/64

dit_sam1_4eX_slope vs Slug, Sign Corrected



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

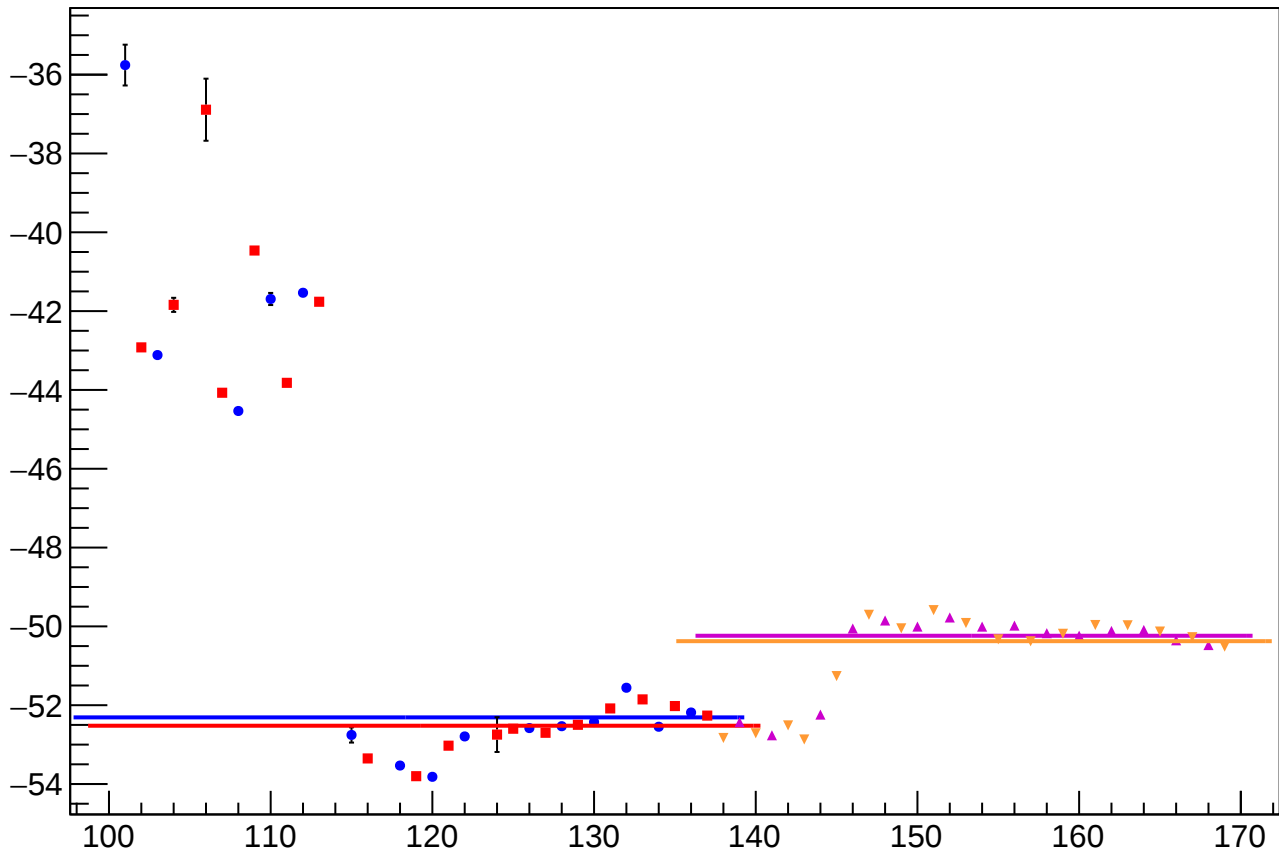
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

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



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.375 ± 0.002 χ^2/NDF : 227414.9/16

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.238 ± 0.001 χ^2/NDF : 159800.9/14

Left: -50.296 ± 0.001 χ^2/NDF : 390995.7/31

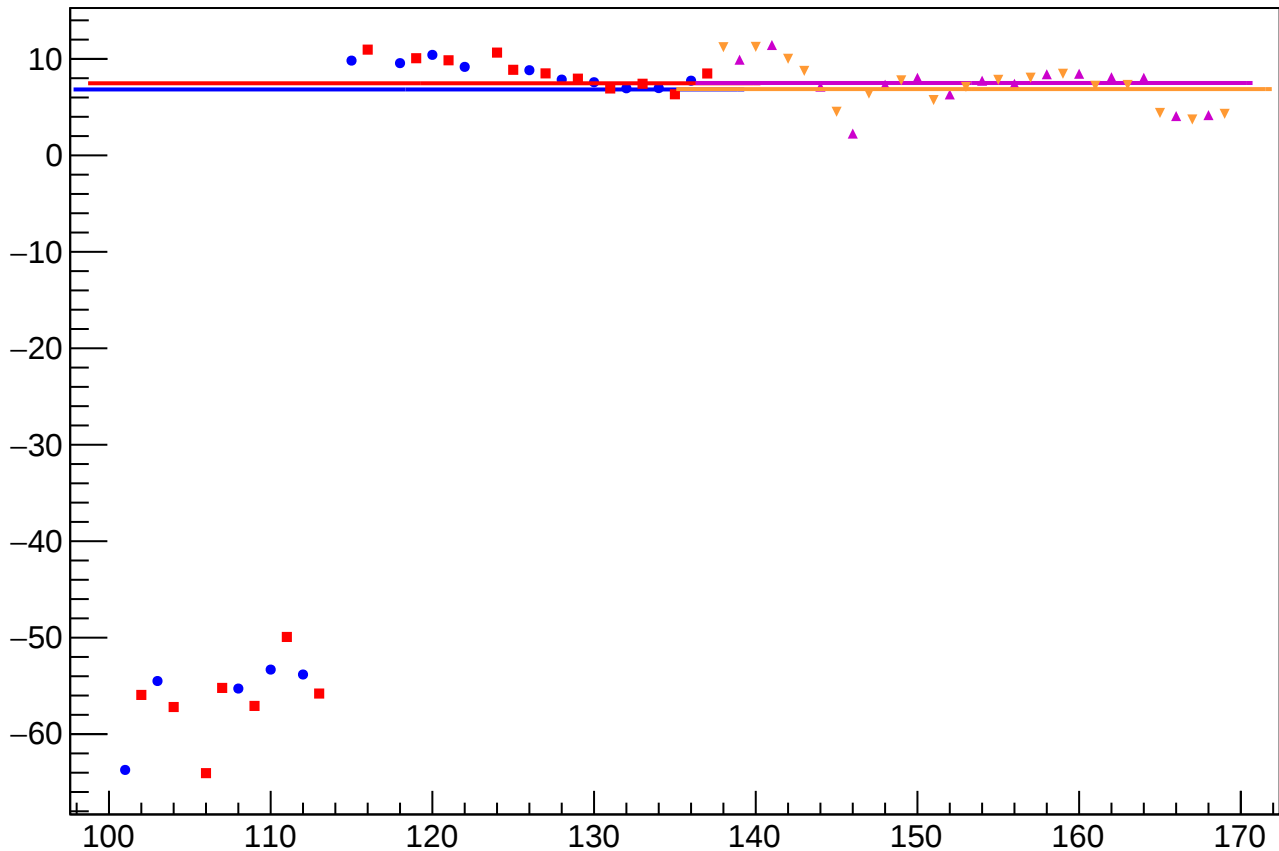
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.441 ± 0.001 χ^2/NDF : 411858.0/29

Out: -50.632 ± 0.002 χ^2/NDF : 495077.7/34

All: -50.523 ± 0.001 χ^2/NDF : 915159.3/64

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 $\chi^2/\text{NDF}: 412573.0/31$

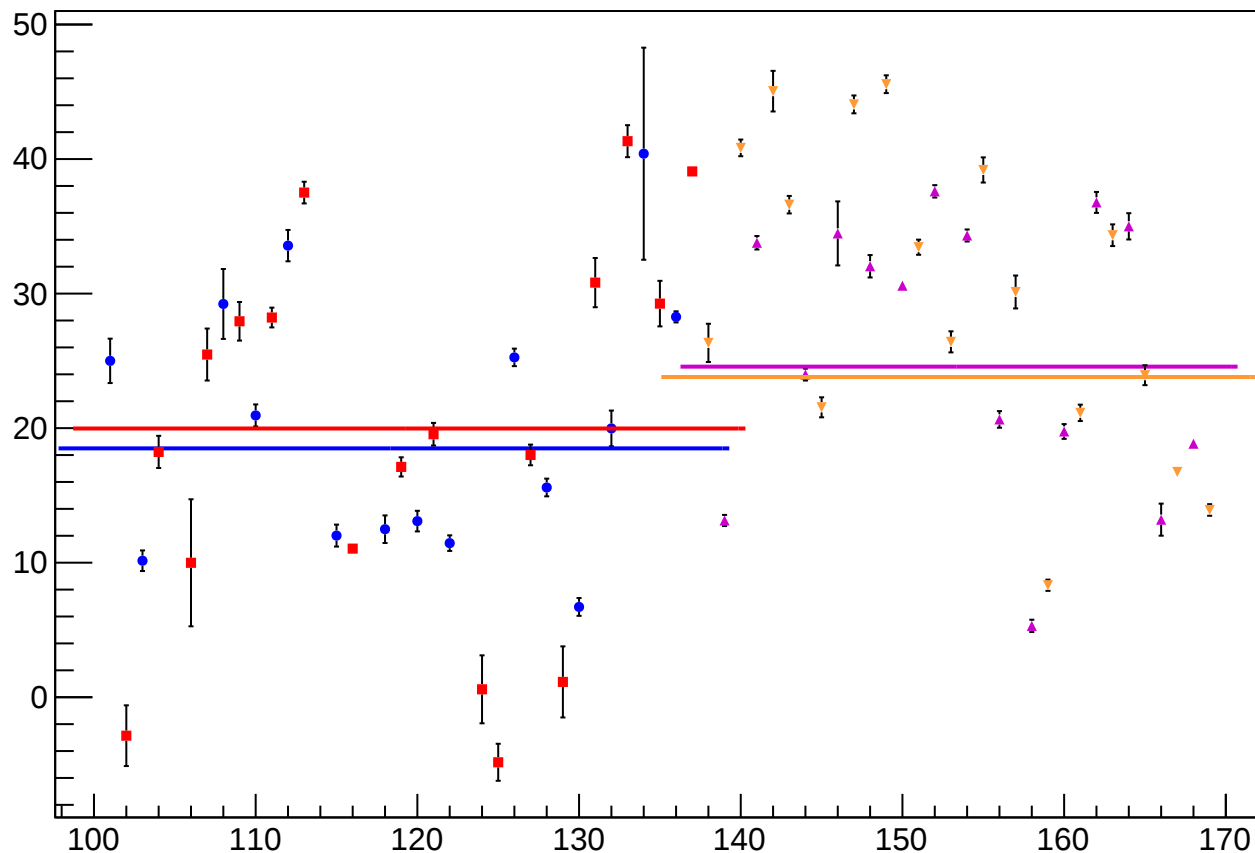
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

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

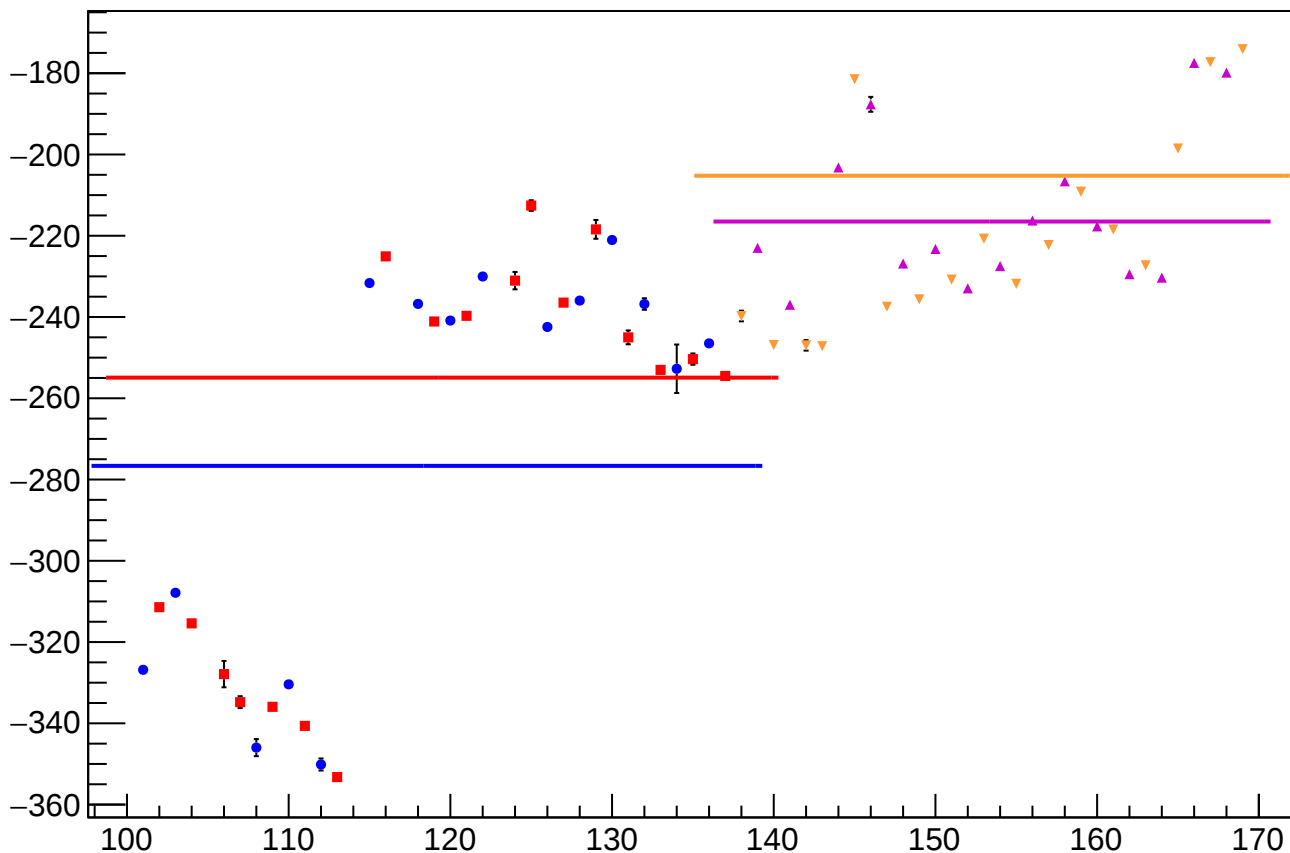
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

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 $\chi^2/\text{NDF}: 83517.1/31$

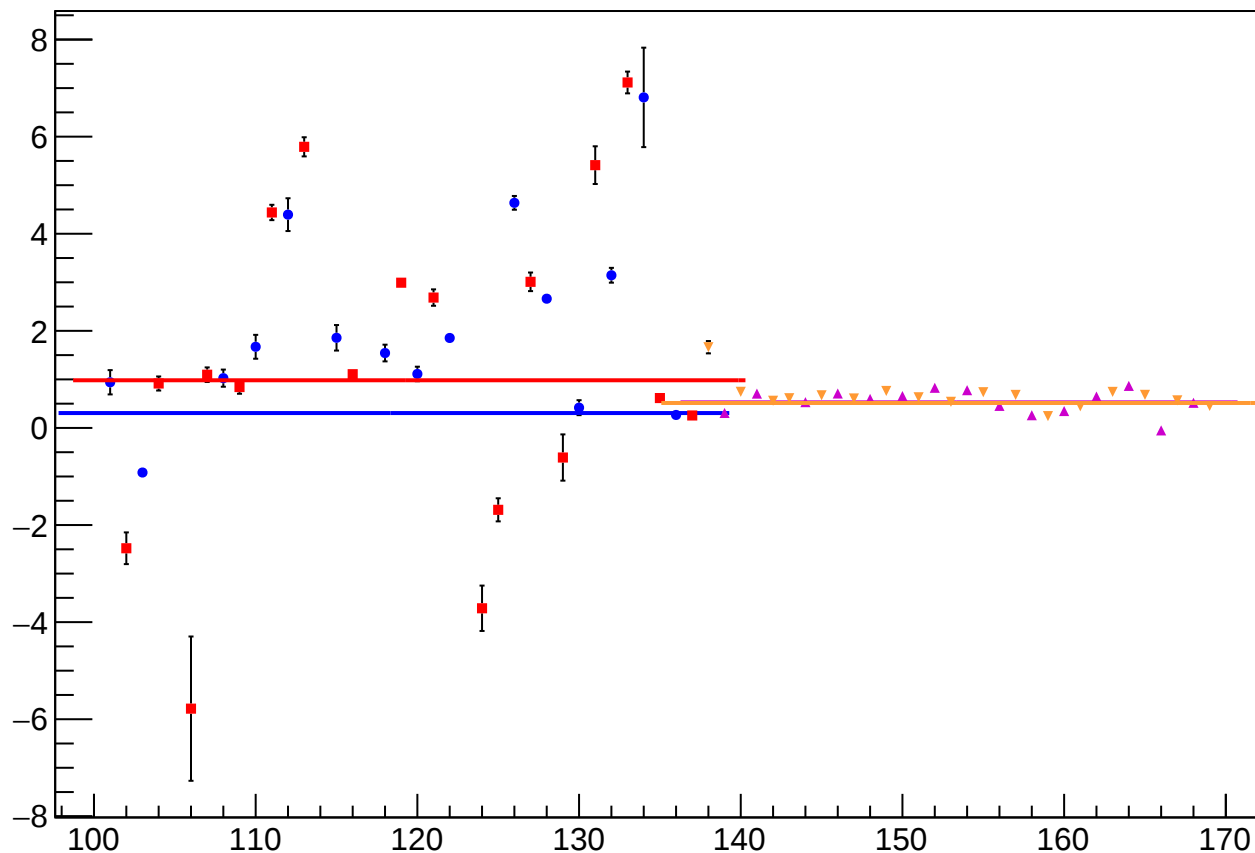
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

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



Left: 0.521 $\pm$ 0.001 χ^2/NDF : 21648.8/31

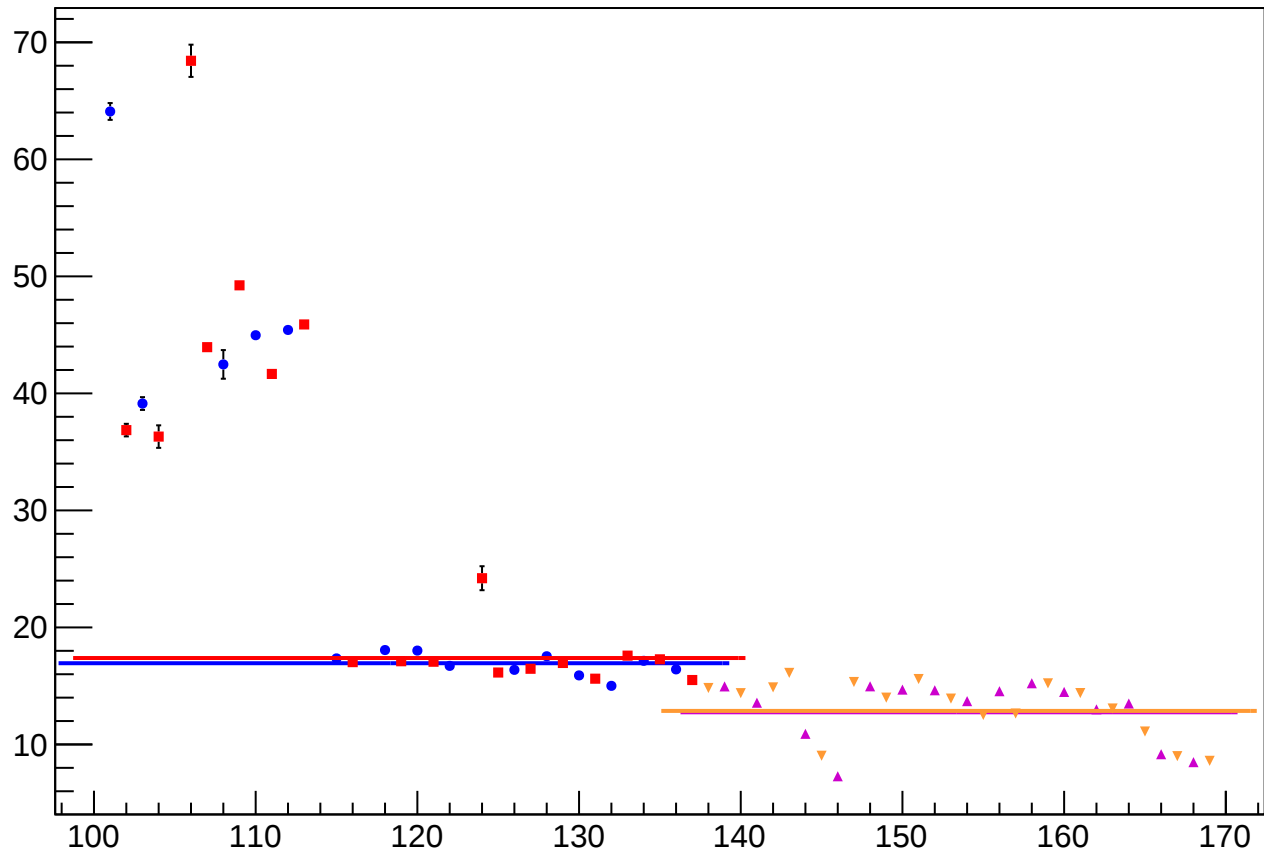
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

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

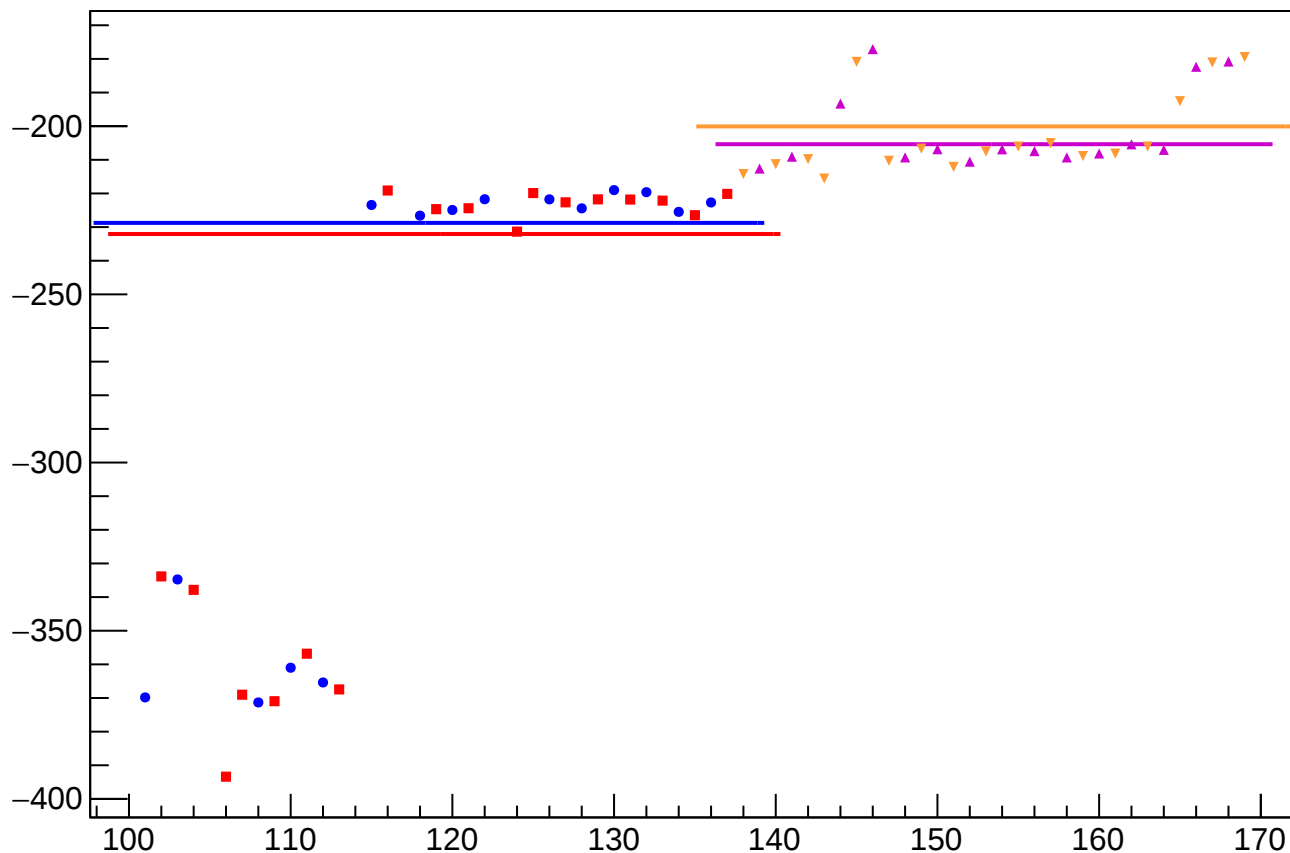
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

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 $\chi^2/\text{NDF}: 1010145.8/31$

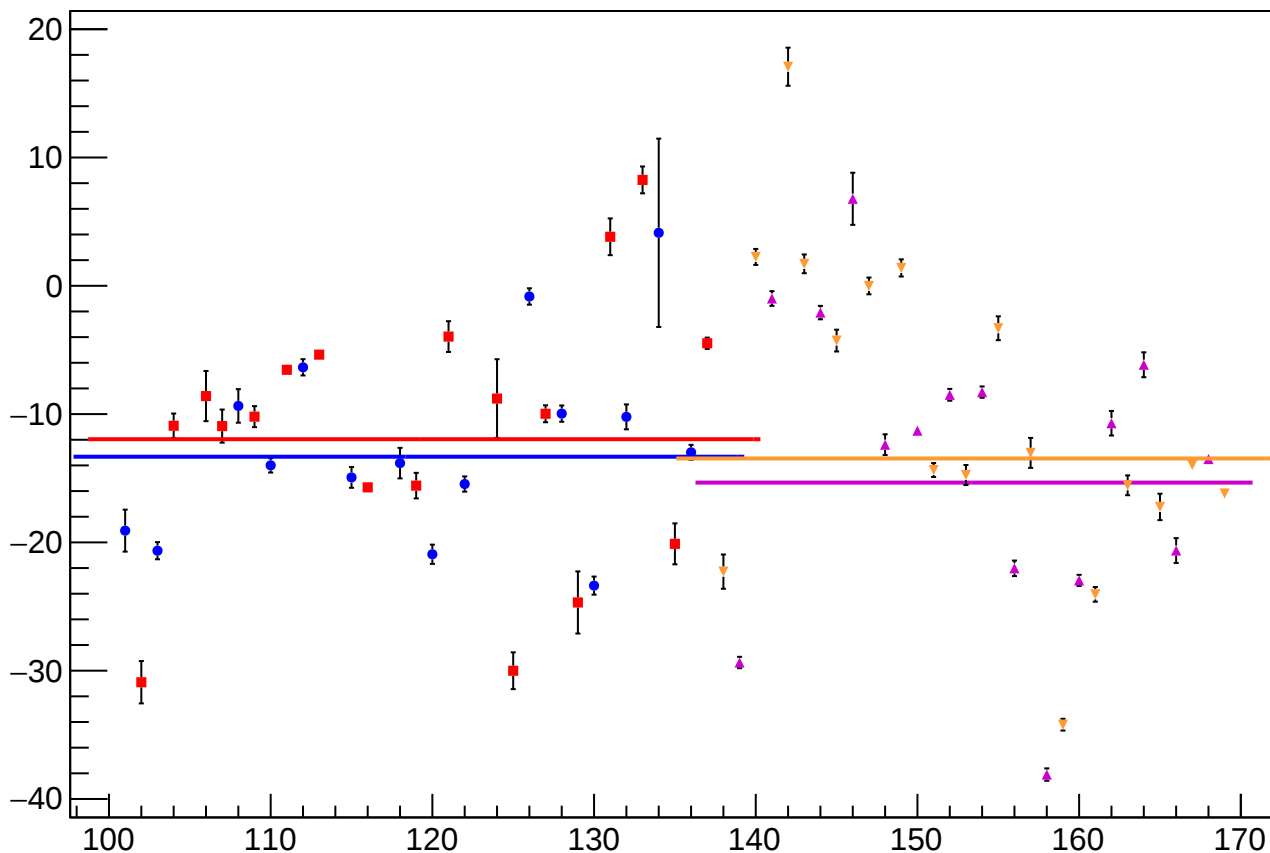
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

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 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -13.459 ± 0.145 $\chi^2/\text{NDF}: 5152.5/16$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -15.339 ± 0.135 $\chi^2/\text{NDF}: 5816.3/14$

Left: -14.464 ± 0.099 $\chi^2/\text{NDF}: 11059.0/31$

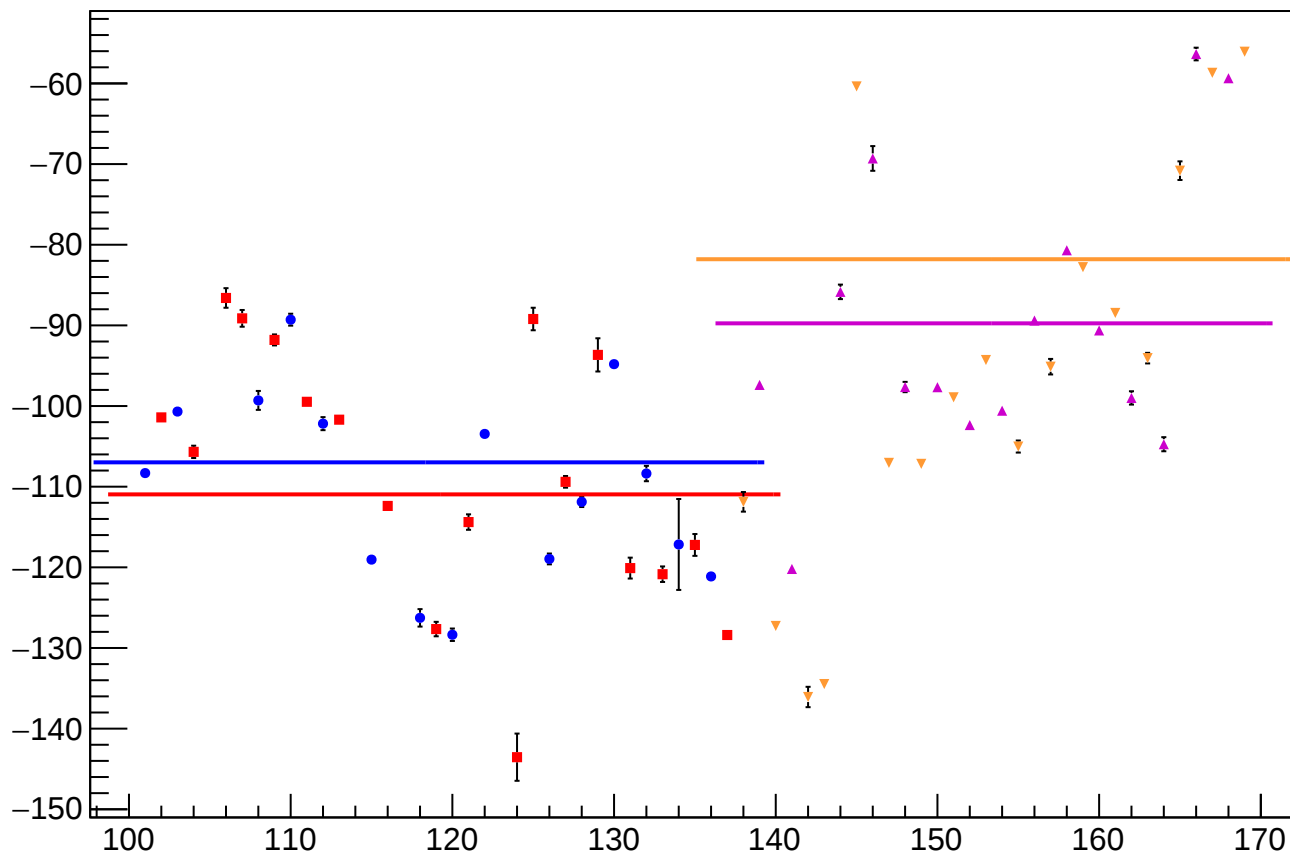
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.679 ± 0.111 $\chi^2/\text{NDF}: 6902.4/29$

Out: -12.524 ± 0.089 $\chi^2/\text{NDF}: 7706.8/34$

All: -13.367 ± 0.069 $\chi^2/\text{NDF}: 14839.6/64$

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 $\chi^2/\text{NDF}: 72162.7/31$

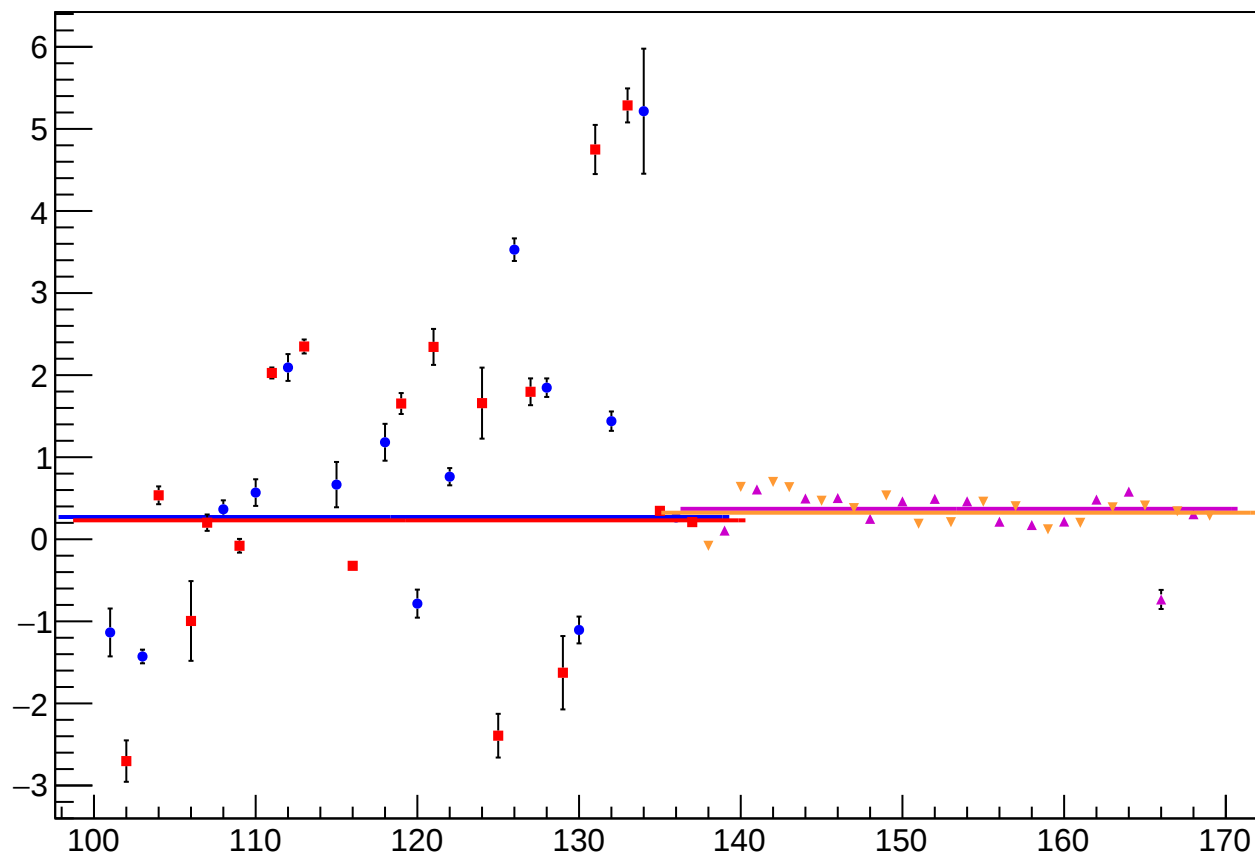
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

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 $\chi^2/\text{NDF}: 14539.2/31$

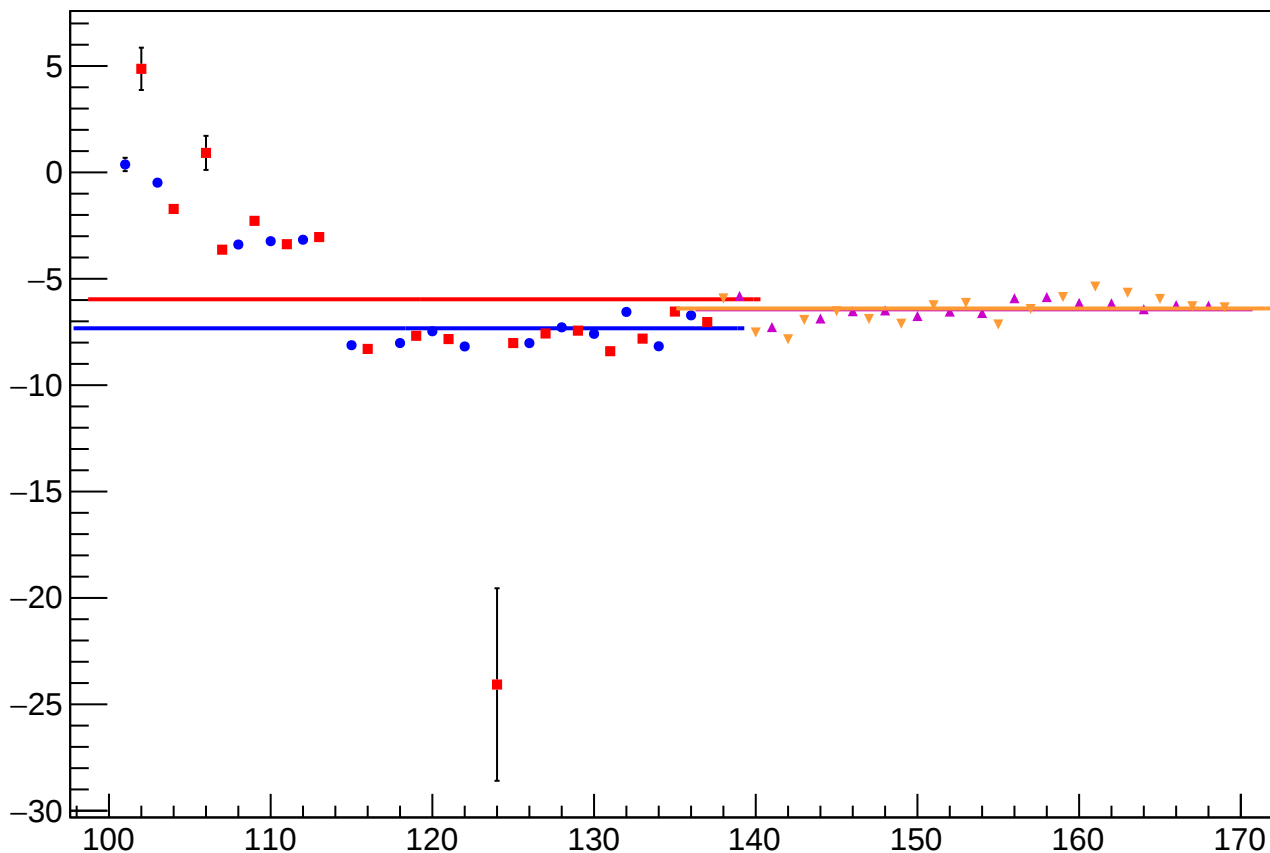
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

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

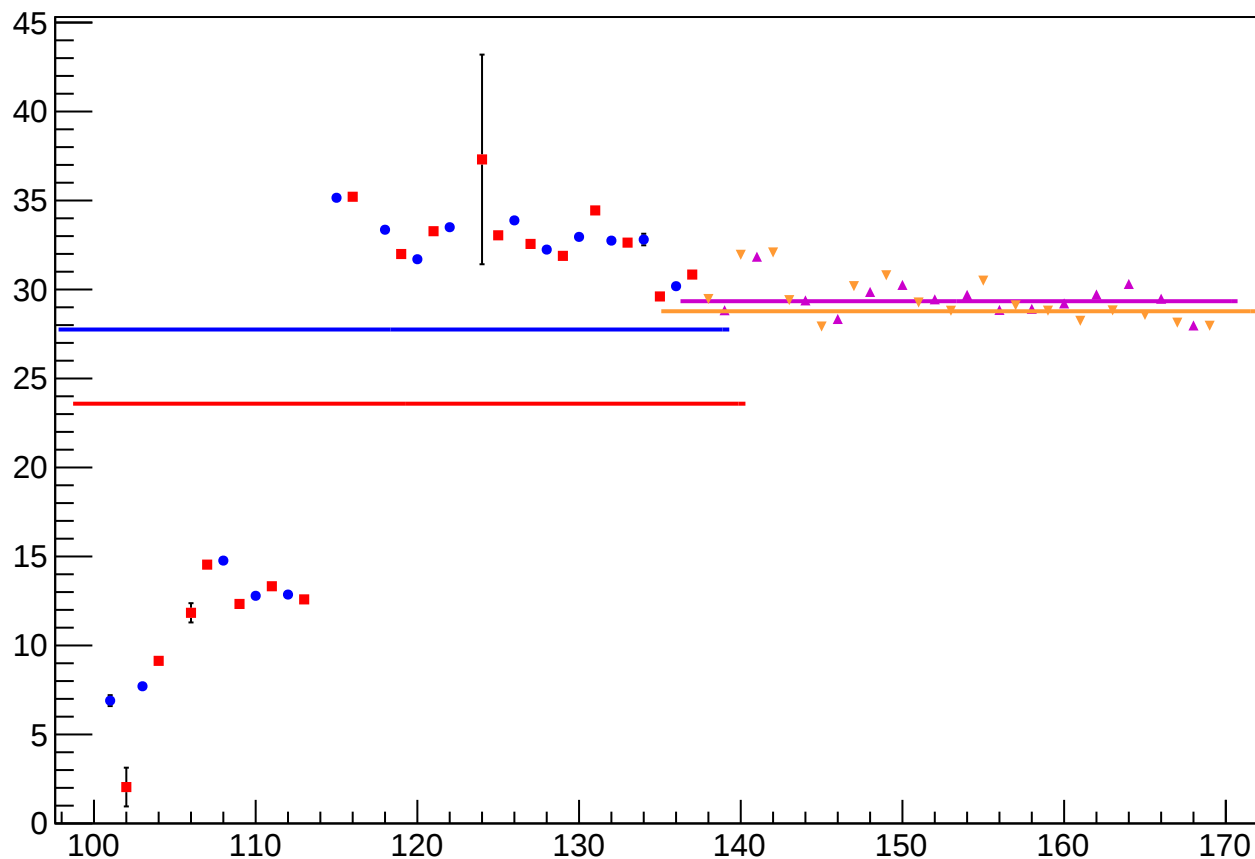
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

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 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.778 $\pm$ 0.009 χ^2 /NDF:12422.4/16

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.342 $\pm$ 0.010 χ^2 /NDF:5988.4/14

Left: 29.039 $\pm$ 0.007 χ^2 /NDF: 20079.6/31

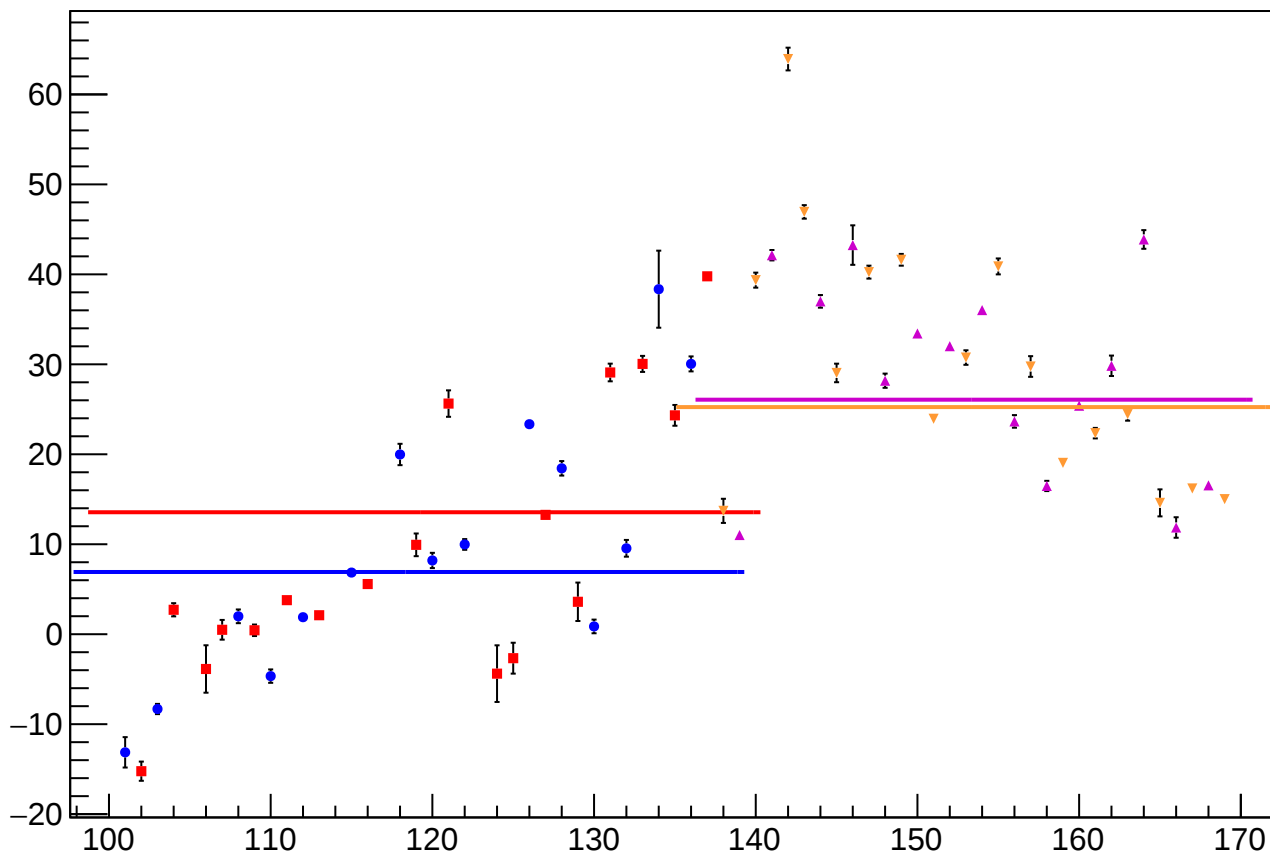
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.846 $\pm$ 0.008 χ^2 /NDF:346609.5/29

Out: 27.121 $\pm$ 0.008 χ^2 /NDF:649691.1/34

All: 27.914 $\pm$ 0.006 χ^2 /NDF: 1019096.2/64

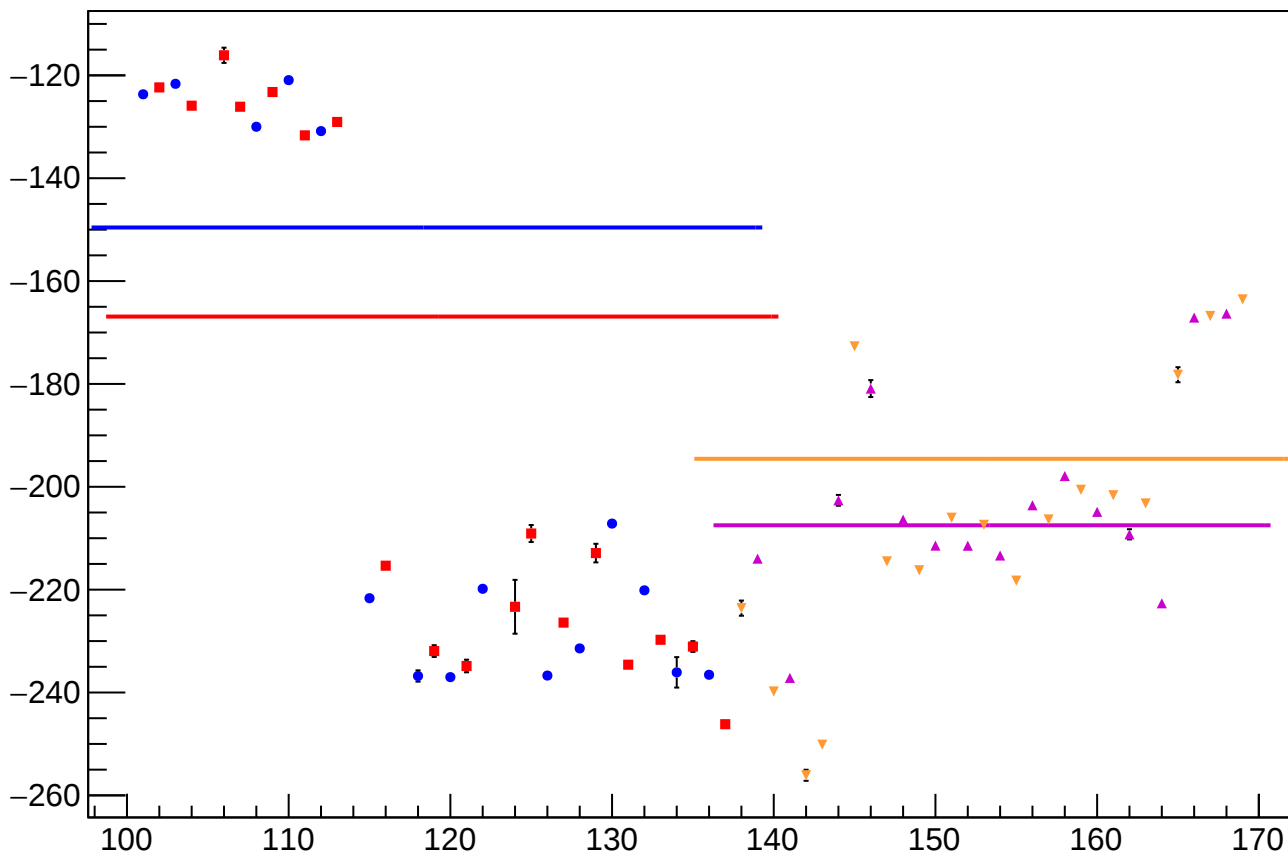
dit_sam4_4aX_slope vs Slug, Sign Corrected



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

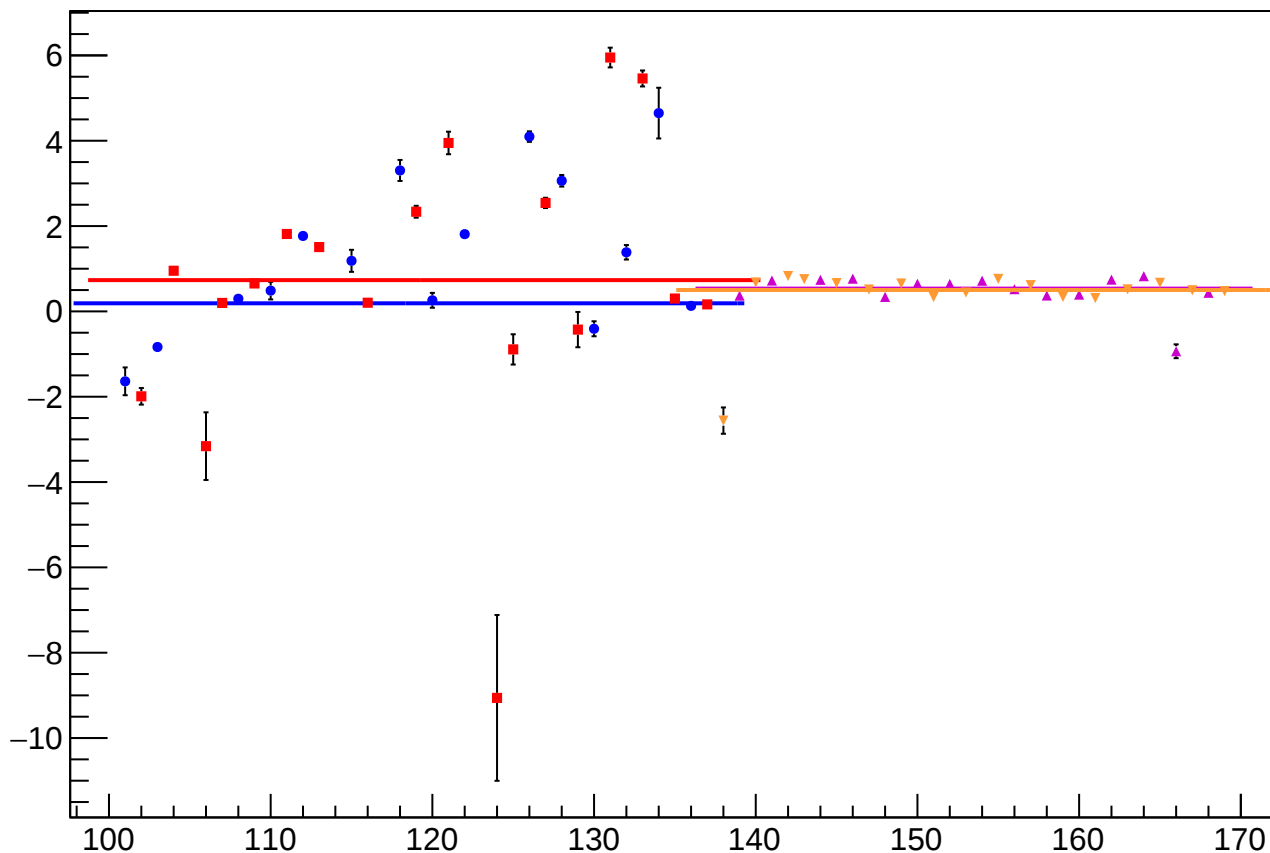
Right: -158.264+/-0.071 χ^2 /NDF: 505360.9/32

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

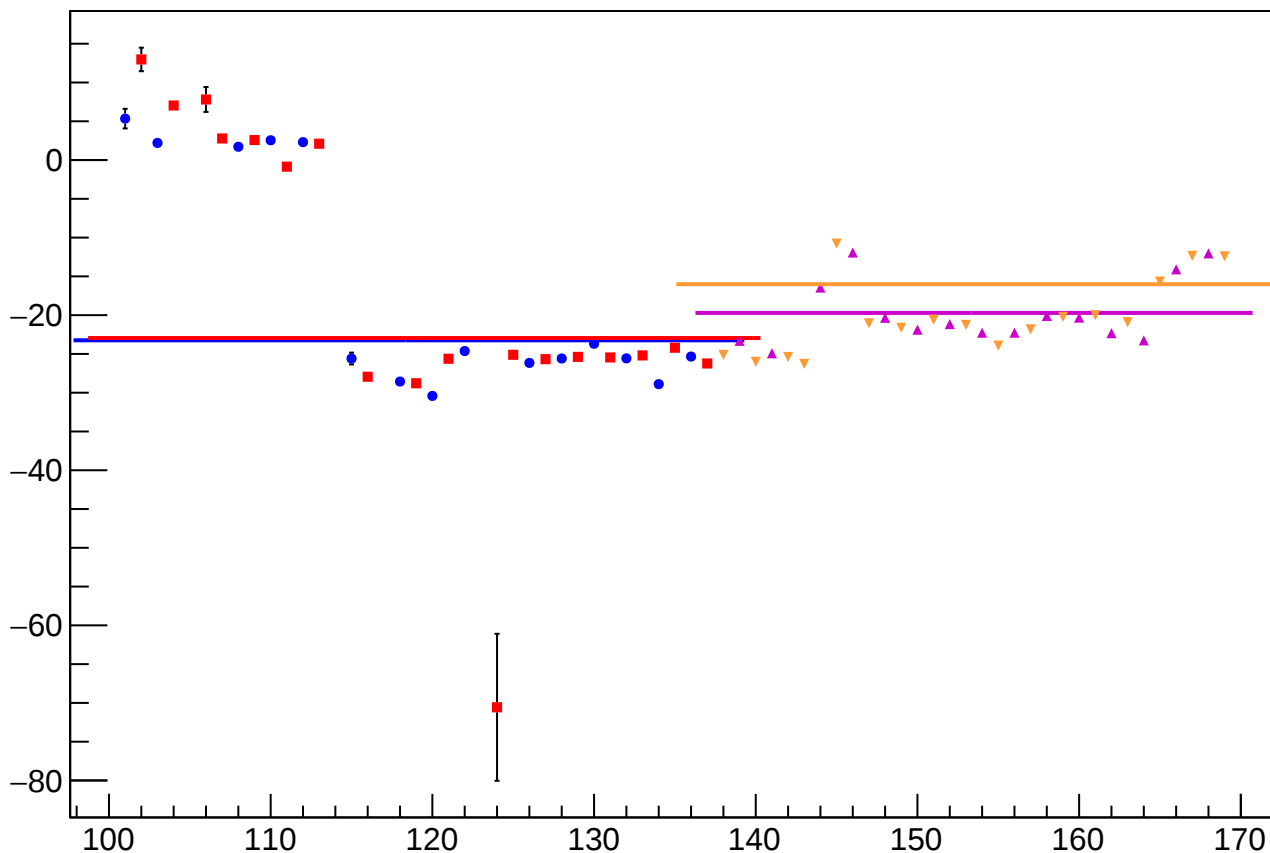
Right: 0.276 $\pm$ 0.008 χ^2/NDF : 6029.4/32

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 χ^2/NDF : 103102.8/14

Left Out: -16.009 ± 0.012 χ^2/NDF : 166429.3/16

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -19.712 ± 0.014 χ^2/NDF : 58031.6/14

Left: -17.574 ± 0.009 χ^2/NDF : 262382.3/31

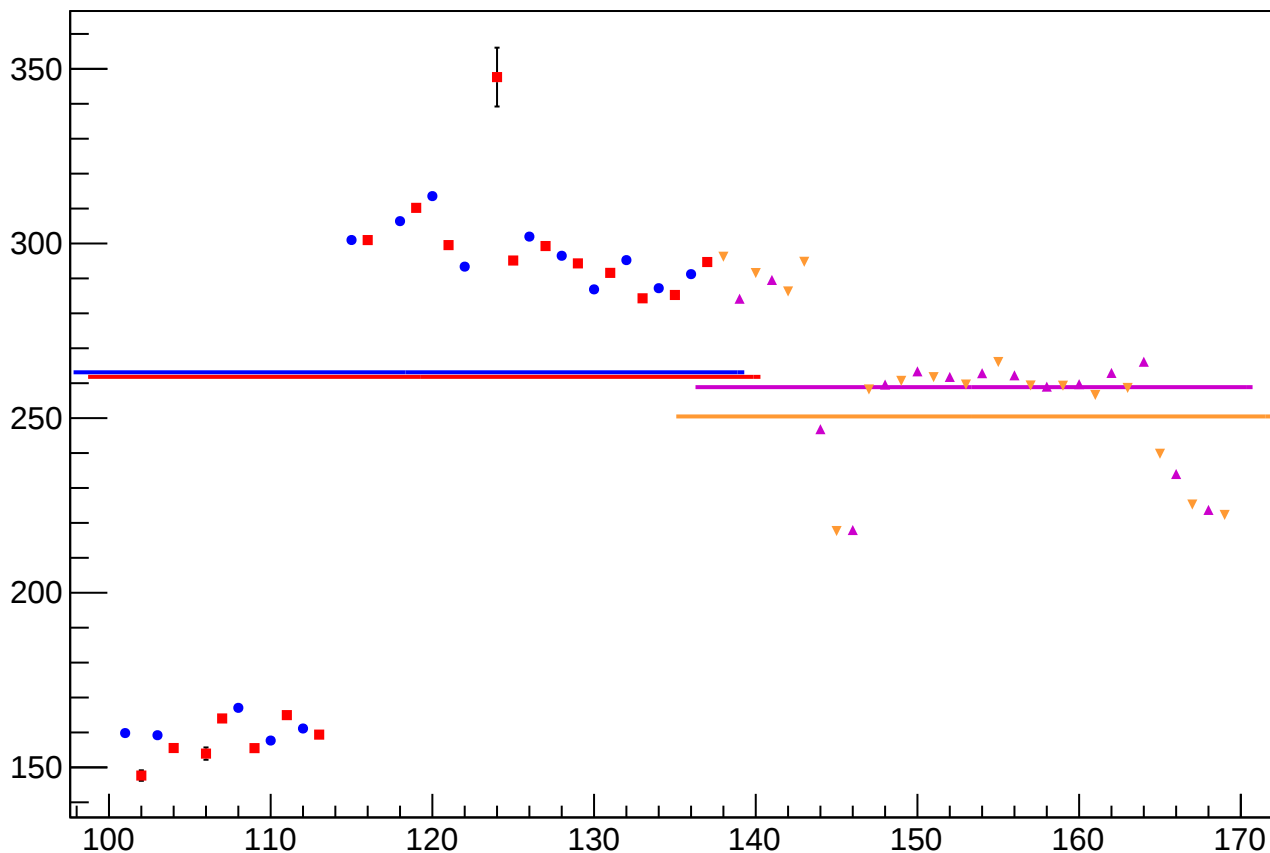
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -20.608 ± 0.012 χ^2/NDF : 176288.4/29

Out: -17.400 ± 0.011 χ^2/NDF : 337673.7/34

All: -18.810 ± 0.008 χ^2/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

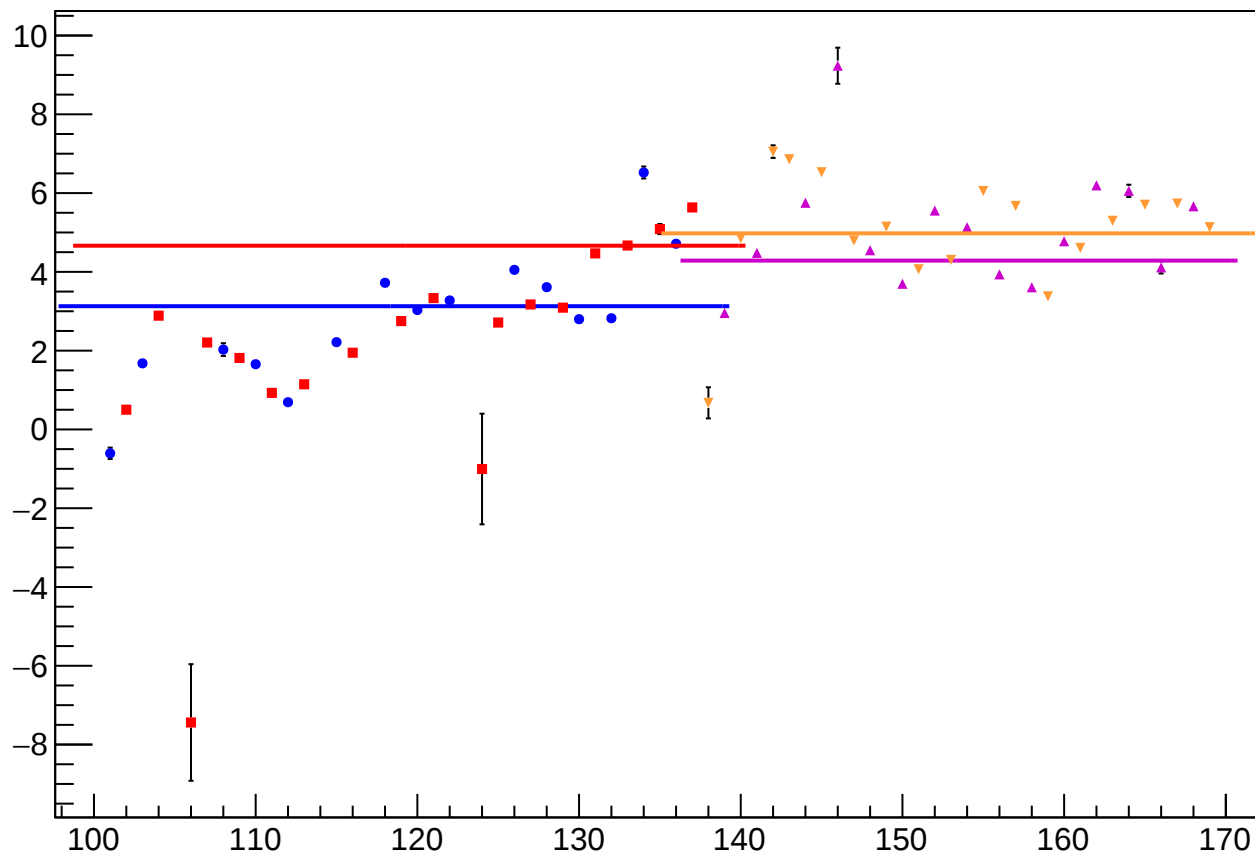
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

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 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.978 ± 0.015 $\chi^2/\text{NDF}: 2363.0/16$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.286 ± 0.015 $\chi^2/\text{NDF}: 3704.8/14$

Left: 4.629 ± 0.011 $\chi^2/\text{NDF}: 7088.5/31$

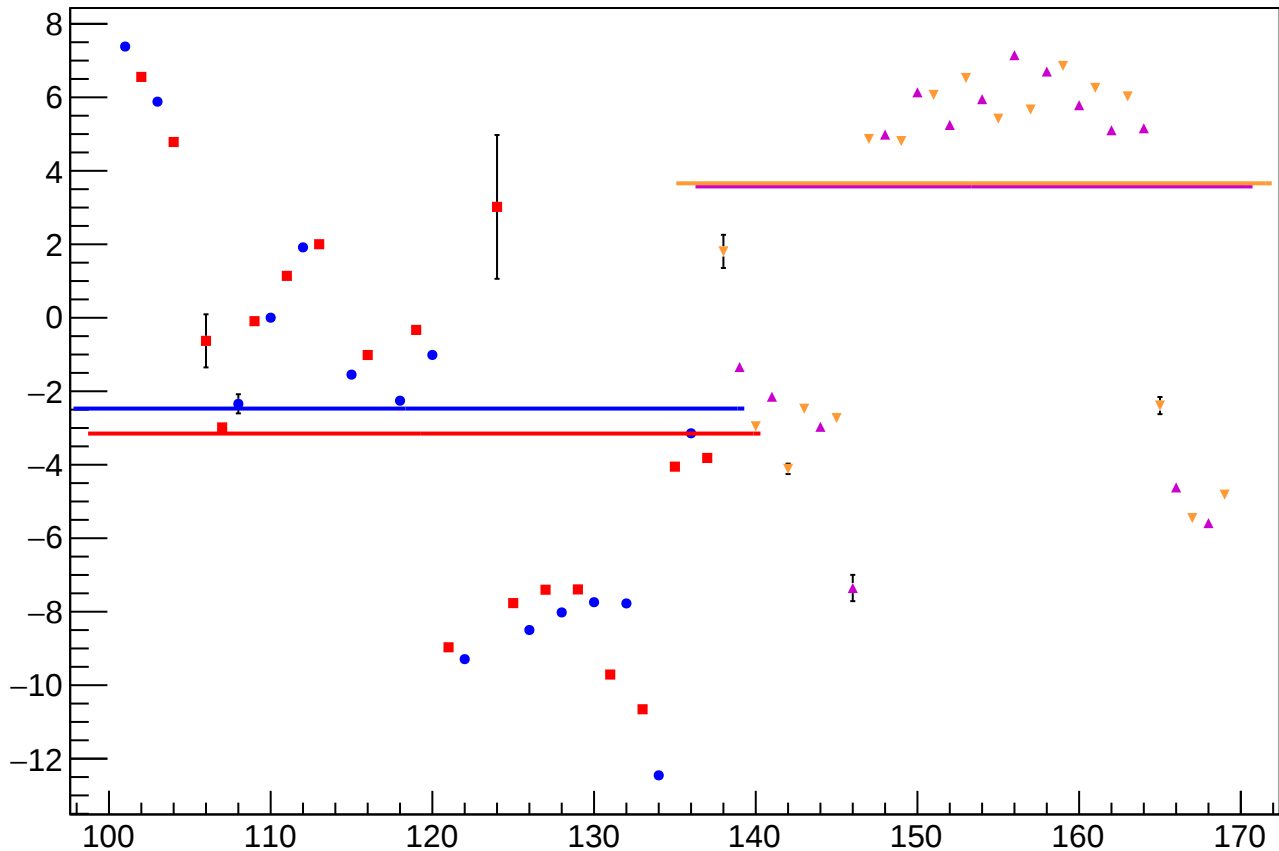
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.727 ± 0.011 $\chi^2/\text{NDF}: 12163.1/29$

Out: 4.710 ± 0.006 $\chi^2/\text{NDF}: 69580.6/34$

All: 4.491 ± 0.005 $\chi^2/\text{NDF}: 88003.9/64$

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 $\chi^2/\text{NDF}: 189315.5/31$

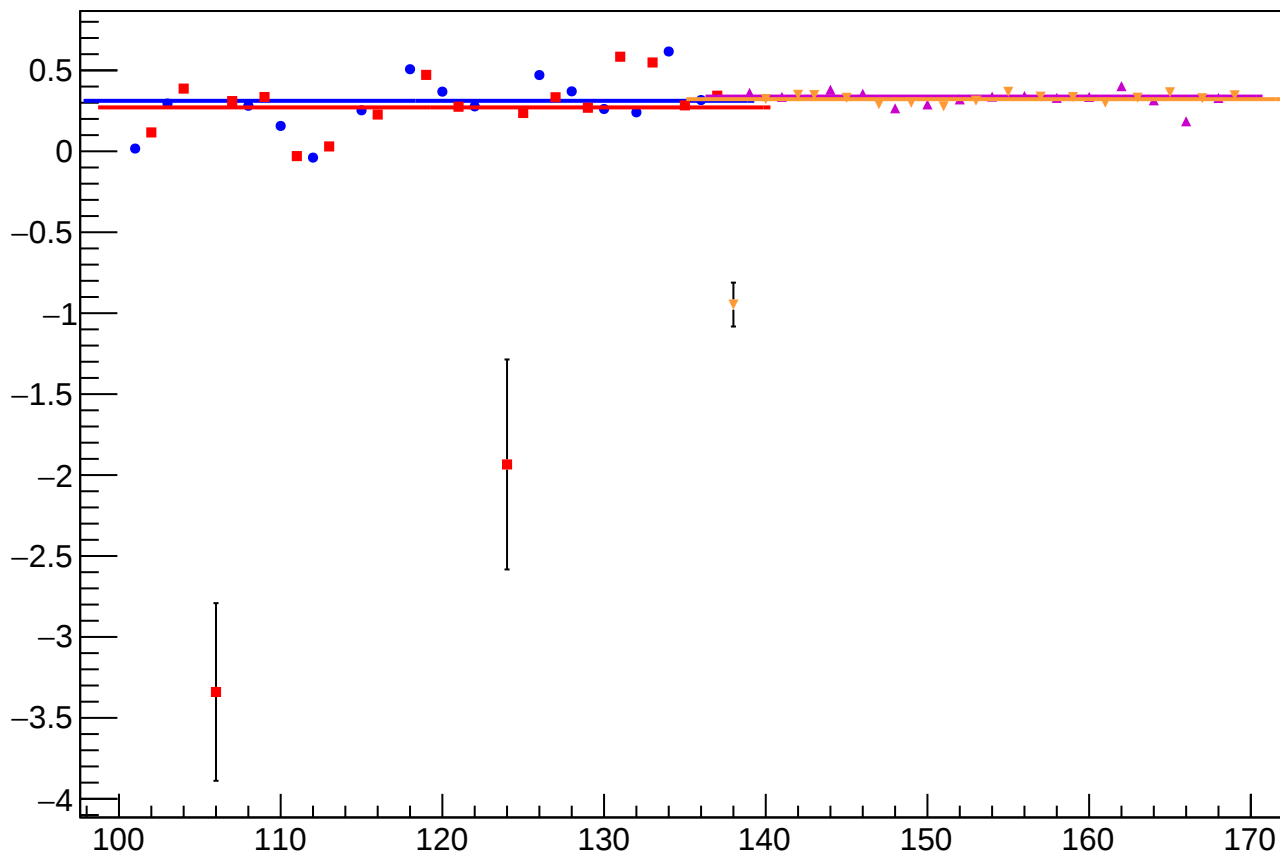
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

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 $\chi^2/\text{NDF}: 4776.6/31$

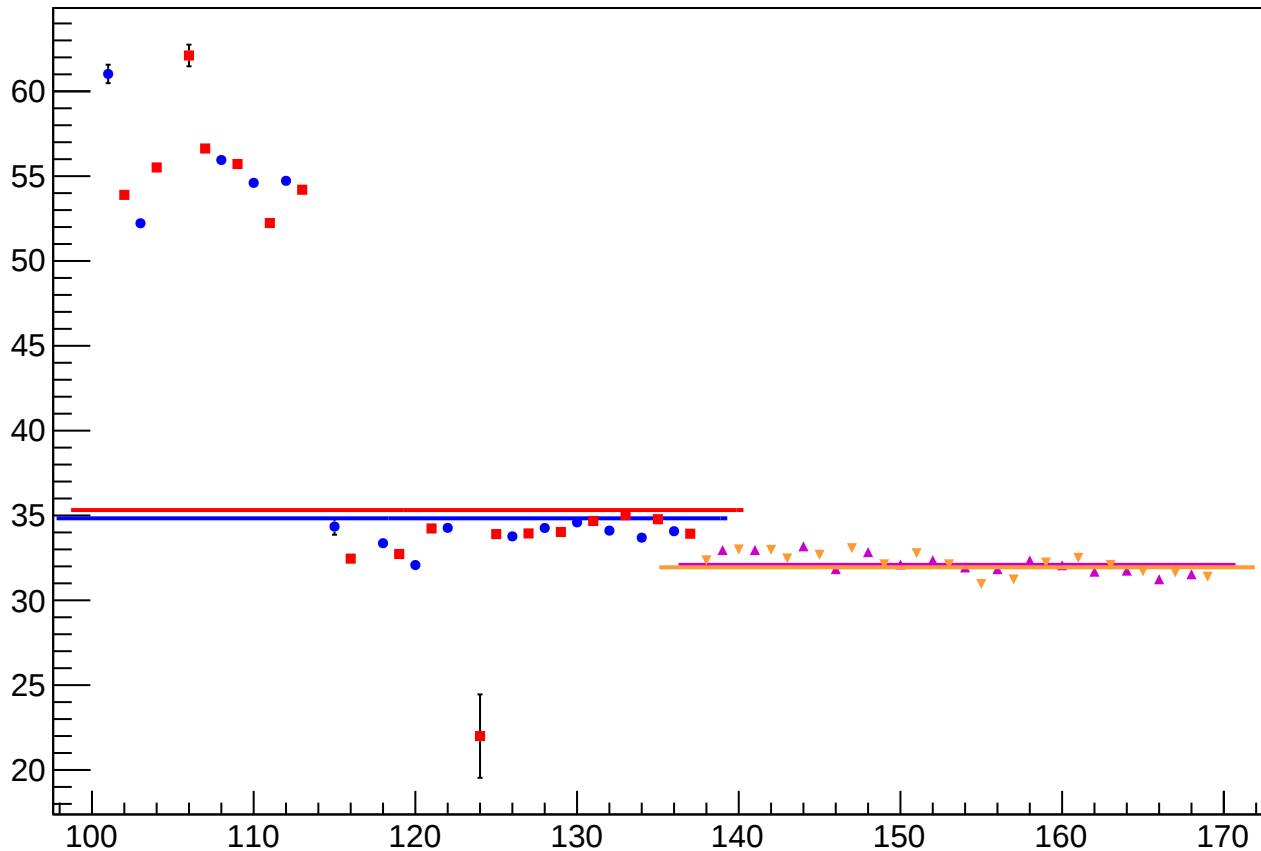
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

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 ± 0.009 $\chi^2/\text{NDF}: 245568.8/14$

Left Out: 31.945 ± 0.003 $\chi^2/\text{NDF}: 19084.7/16$

Right Out: 35.319 ± 0.010 $\chi^2/\text{NDF}: 261492.0/17$

Left In: 32.090 ± 0.004 $\chi^2/\text{NDF}: 9394.5/14$

Left: 32.007 ± 0.003 $\chi^2/\text{NDF}: 29208.3/31$

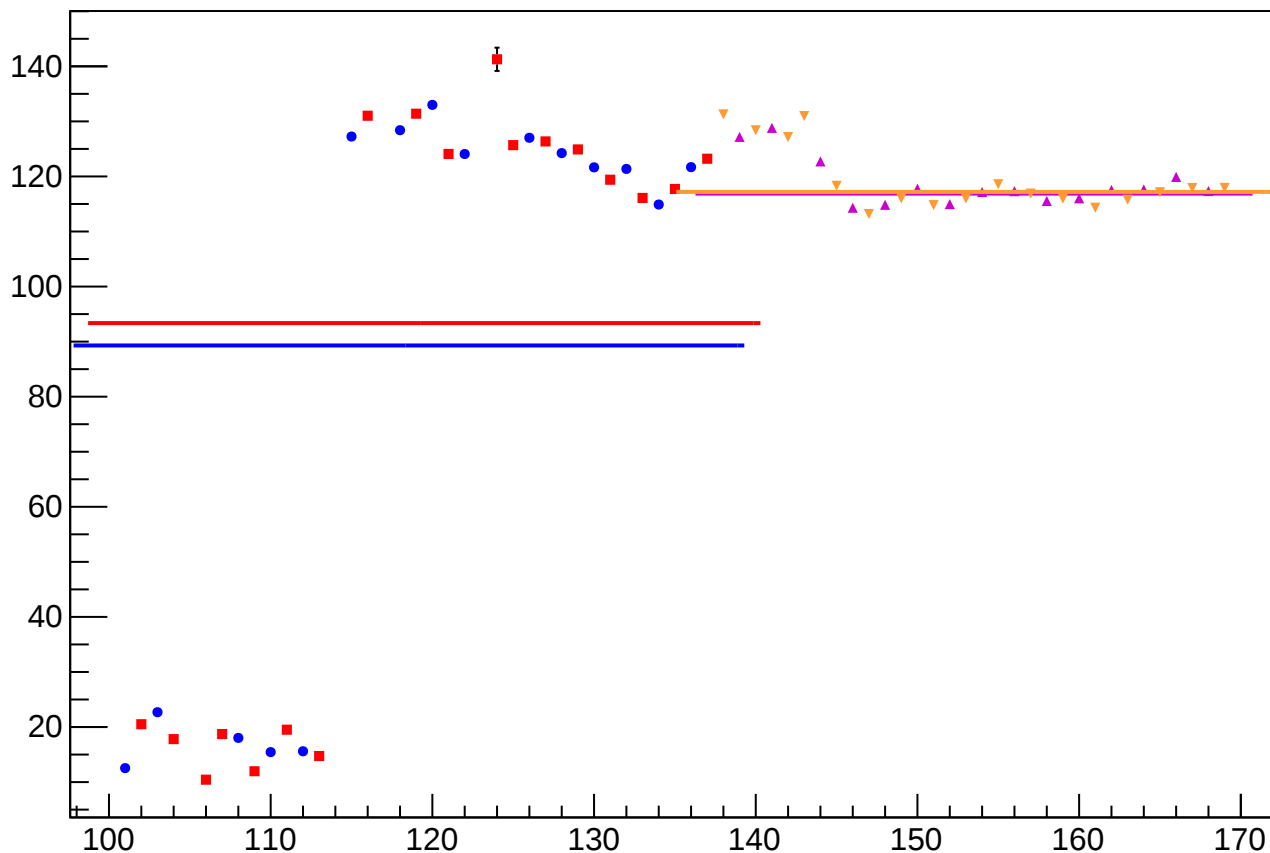
Right: 35.041 ± 0.007 $\chi^2/\text{NDF}: 508429.6/32$

In: 32.590 ± 0.004 $\chi^2/\text{NDF}: 337667.8/29$

Out: 32.316 ± 0.003 $\chi^2/\text{NDF}: 382844.1/34$

All: 32.438 ± 0.002 $\chi^2/\text{NDF}: 723573.9/64$

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 $\chi^2/\text{NDF}: 166508.7/31$

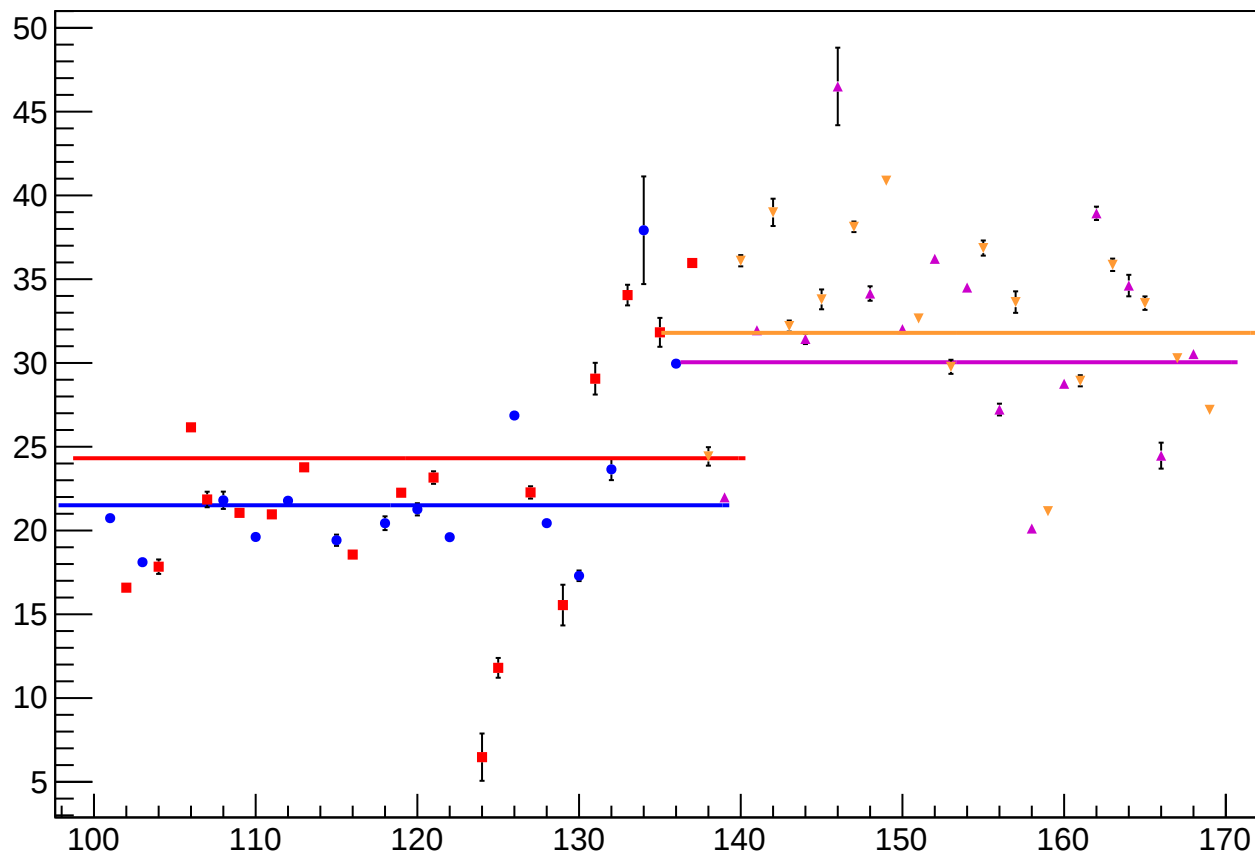
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

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

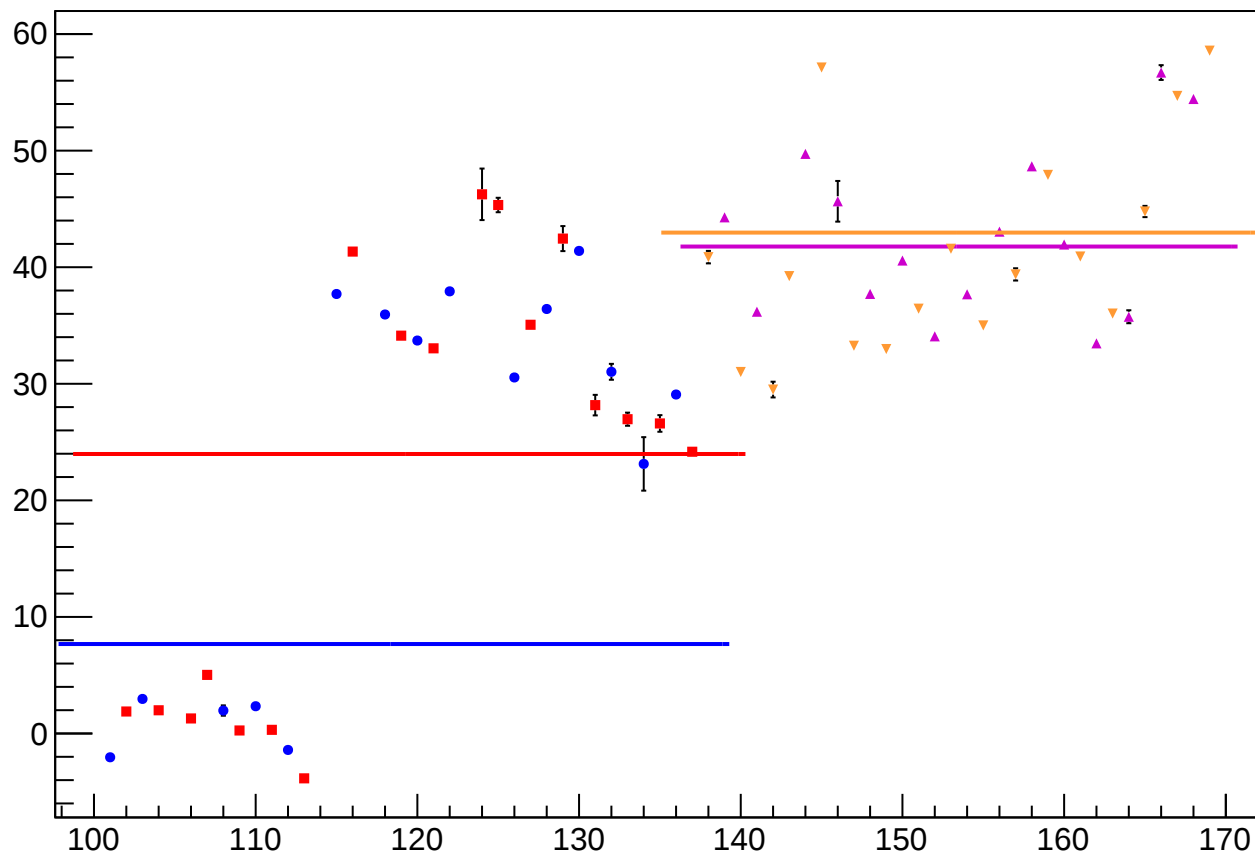
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

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

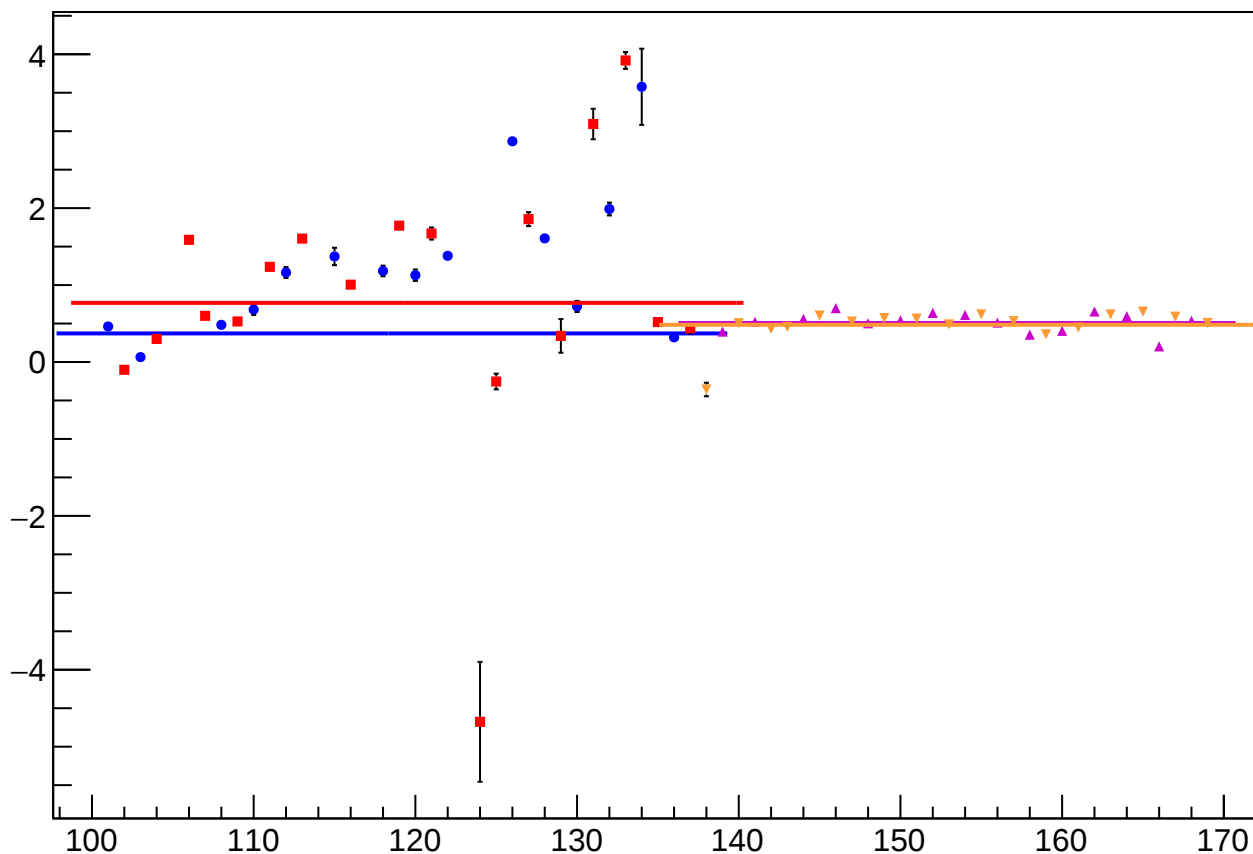
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

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 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.484 $\pm$ 0.001 χ^2 /NDF: 6461.7/16

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.507 $\pm$ 0.001 χ^2 /NDF: 8756.1/14

Left: 0.496 $\pm$ 0.001 χ^2 /NDF: 15415.1/31

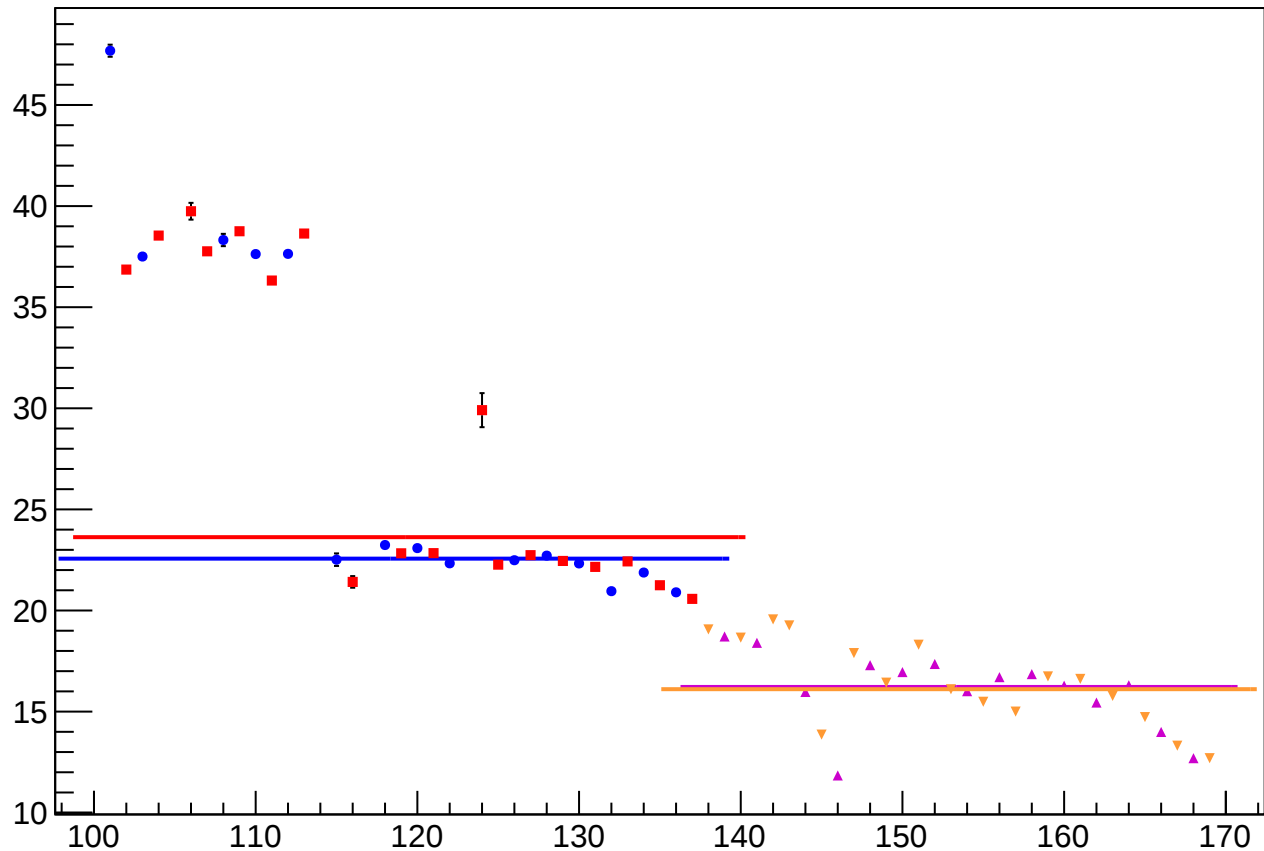
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.498 $\pm$ 0.001 χ^2 /NDF: 14404.1/29

Out: 0.492 $\pm$ 0.001 χ^2 /NDF: 12242.0/34

All: 0.495 $\pm$ 0.001 χ^2 /NDF: 26662.5/64

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 16.109 ± 0.006 $\chi^2/\text{NDF}: 130679.2/16$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.219 ± 0.007 $\chi^2/\text{NDF}: 52315.0/14$

Left: 16.156 ± 0.005 $\chi^2/\text{NDF}: 183126.0/31$

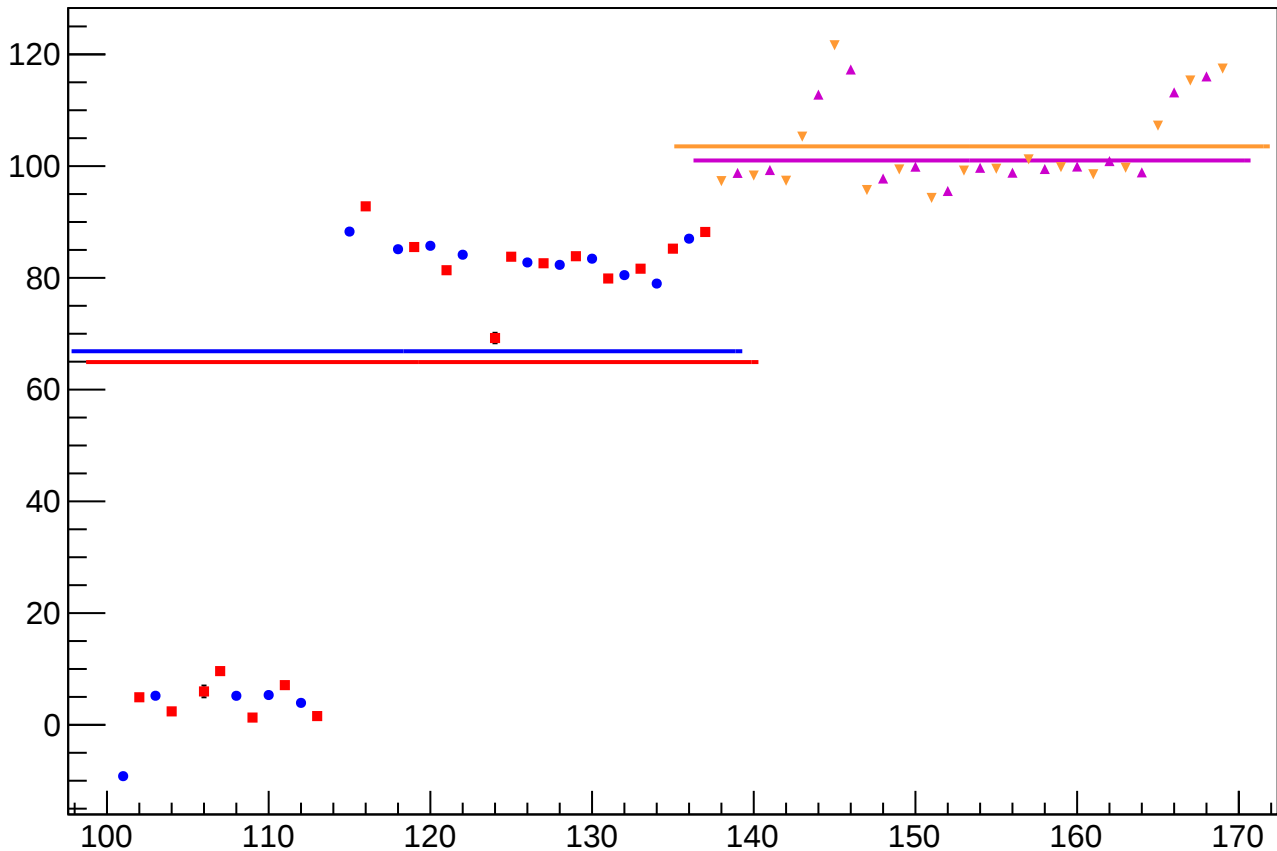
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 18.356 ± 0.006 $\chi^2/\text{NDF}: 403222.7/29$

Out: 17.886 ± 0.005 $\chi^2/\text{NDF}: 596598.6/34$

All: 18.103 ± 0.004 $\chi^2/\text{NDF}: 1003238.0/64$

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

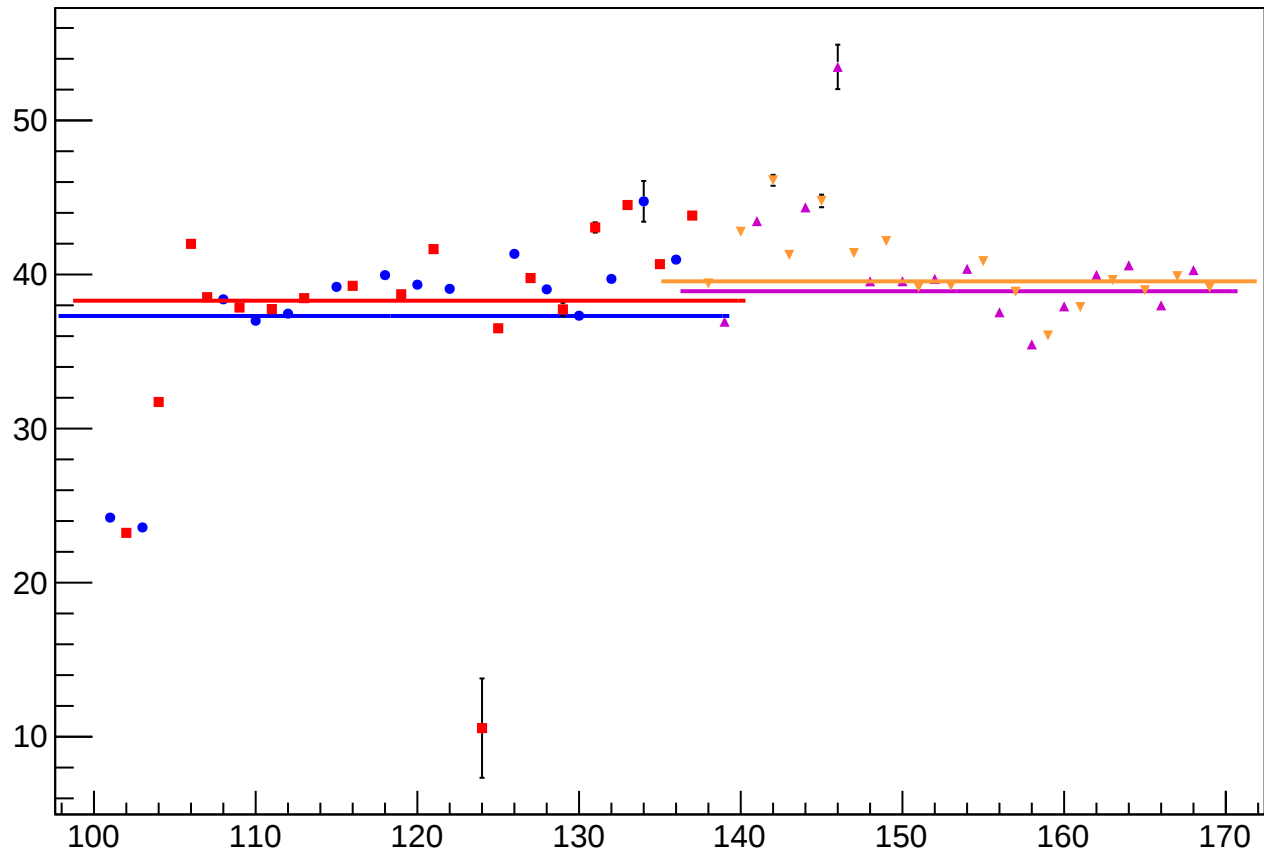
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

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 $\chi^2/\text{NDF}: 9717.3/31$

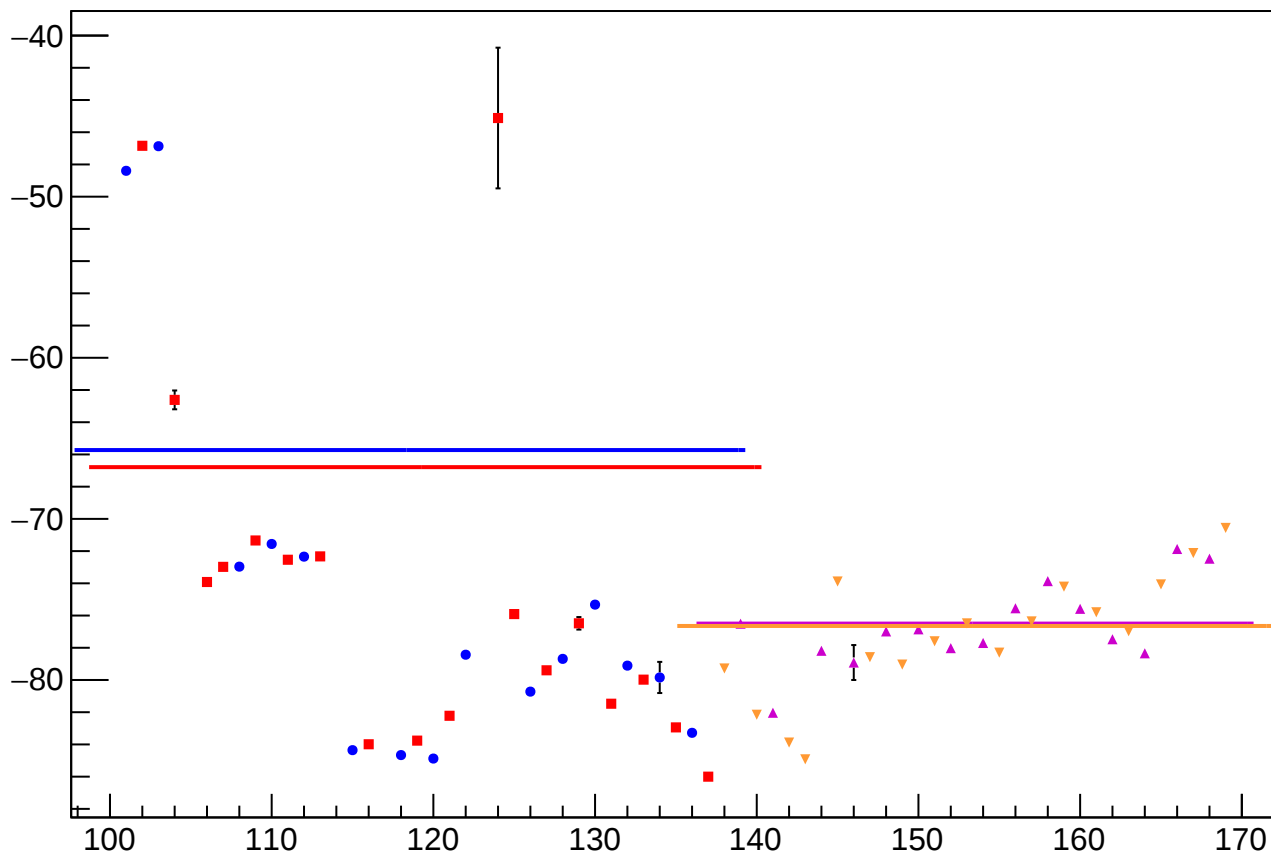
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

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 $\chi^2/\text{NDF}: 27107.2/31$

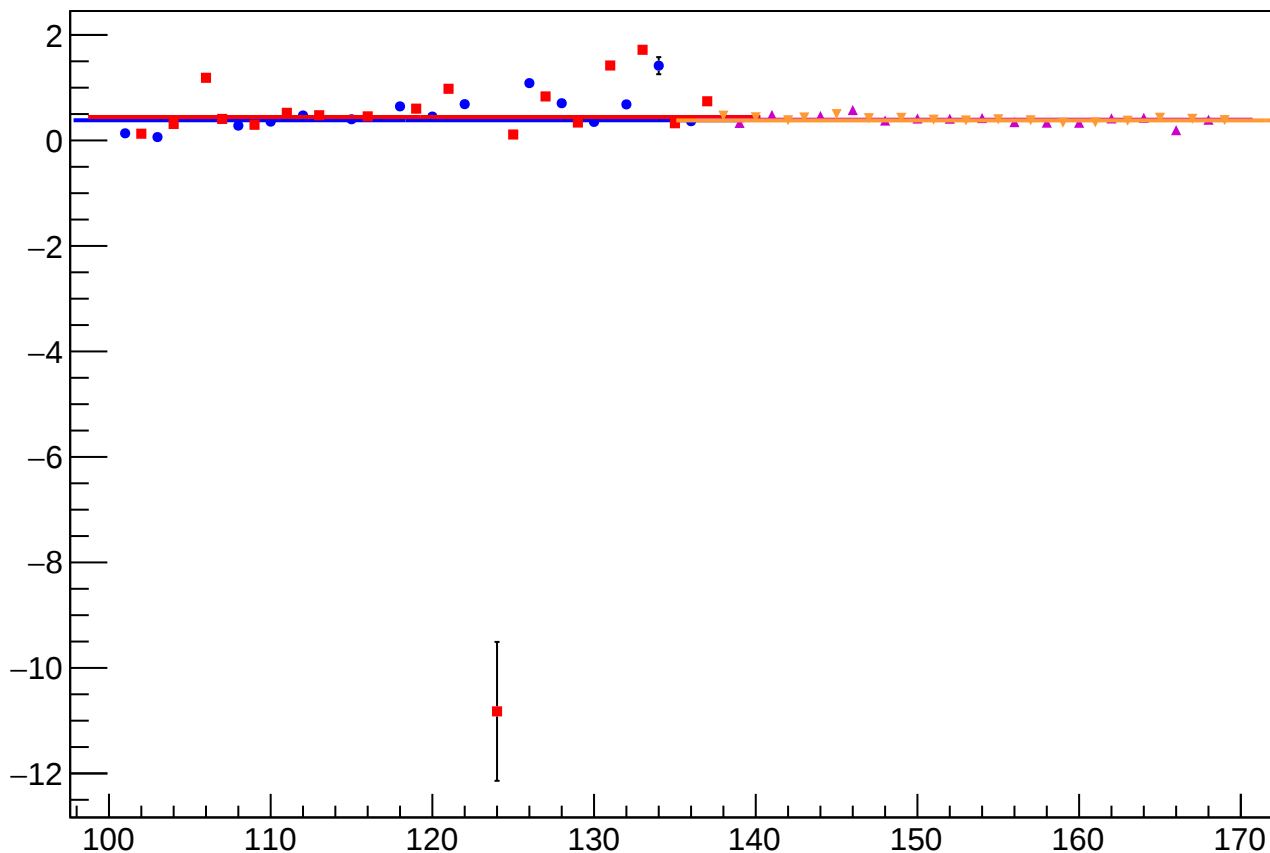
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

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 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.379 $\pm$ 0.001 χ^2 /NDF: 5836.2/16

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.393 $\pm$ 0.001 χ^2 /NDF: 6473.8/14

Left: 0.386 $\pm$ 0.000 χ^2 /NDF: 12649.2/31

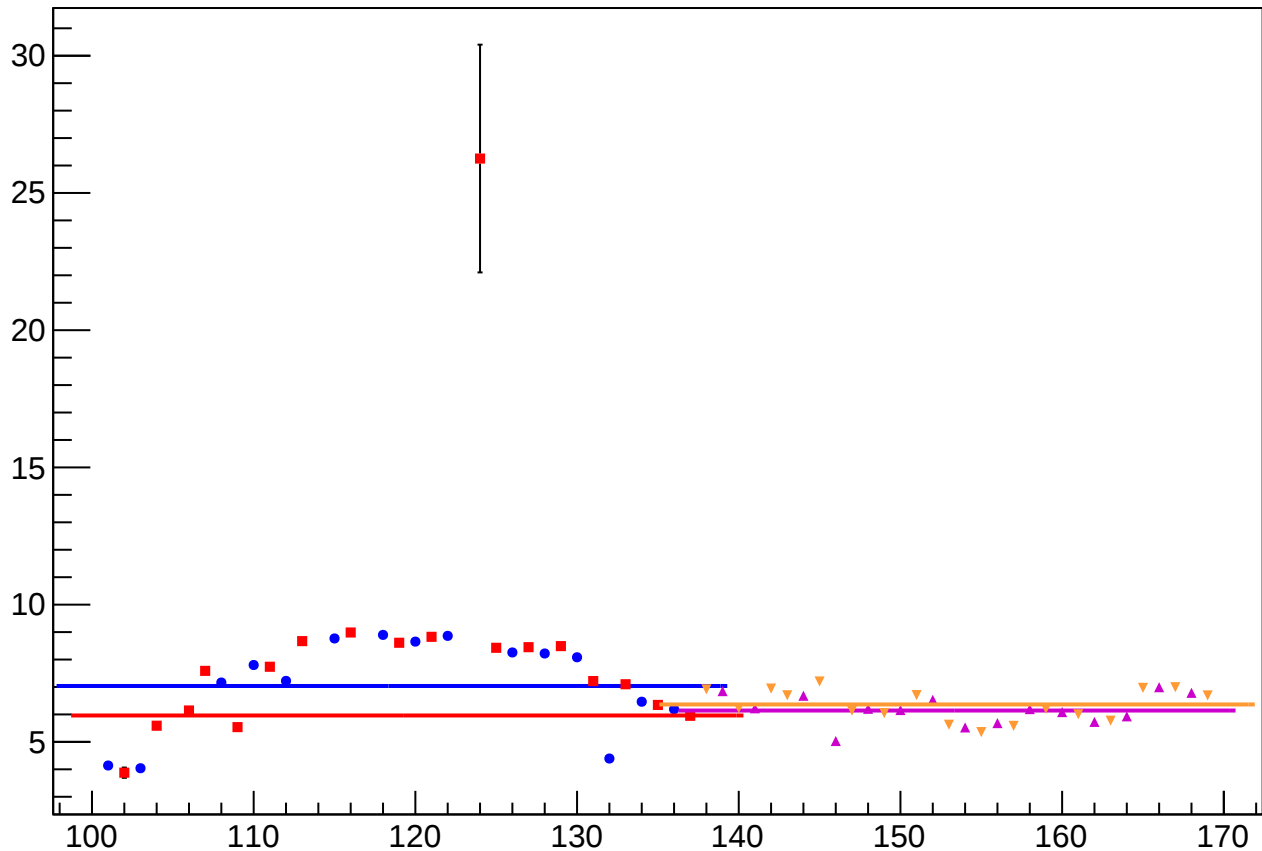
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14675.2/29

Out: 0.381 $\pm$ 0.001 χ^2 /NDF: 8929.4/34

All: 0.387 $\pm$ 0.000 χ^2 /NDF: 23861.1/64

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.363 ± 0.002 χ^2/NDF : 59046.7/16

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.142 ± 0.002 χ^2/NDF : 40980.7/14

Left: 6.249 ± 0.001 χ^2/NDF : 108749.5/31

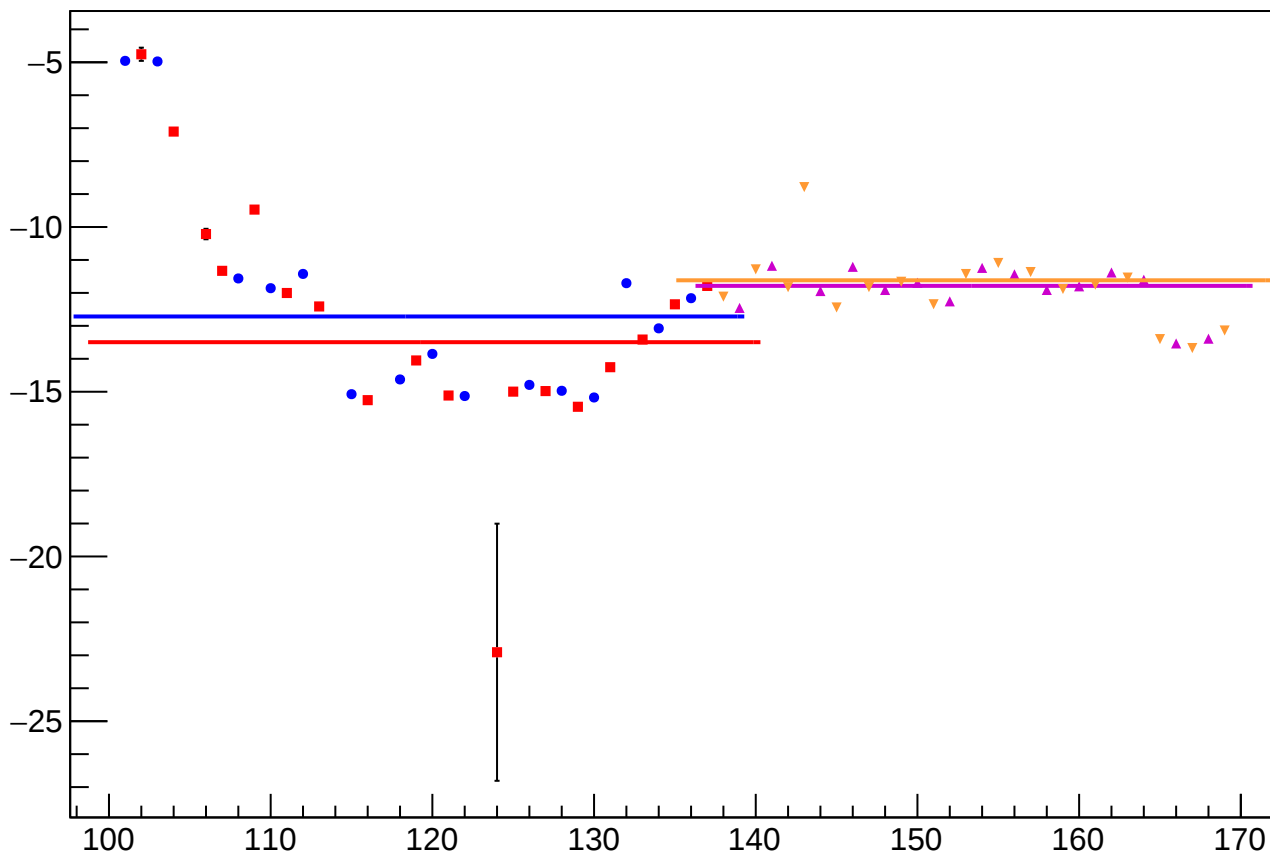
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.247 ± 0.002 χ^2/NDF : 145401.9/29

Out: 5.984 ± 0.000 χ^2/NDF : 280050.2/34

All: 6.000 ± 0.000 χ^2/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

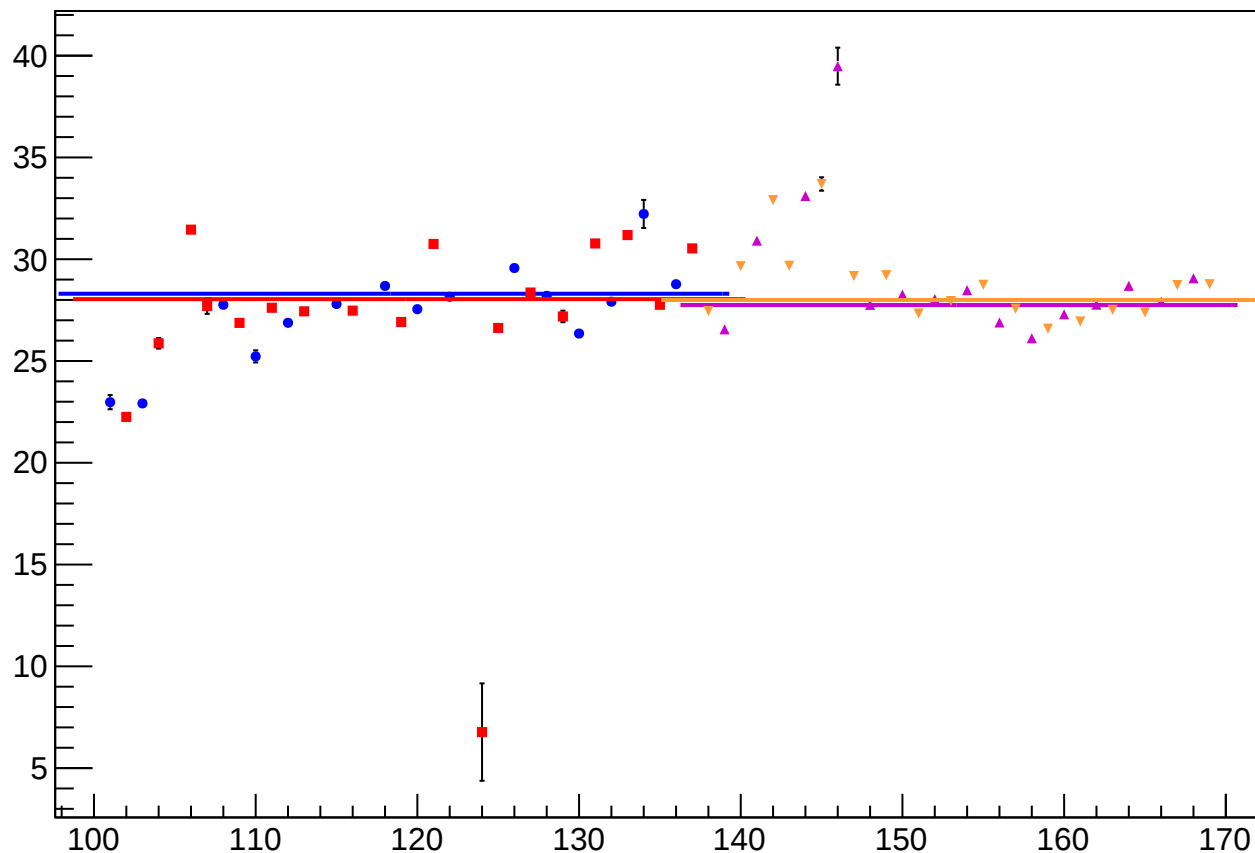
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

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 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.996 ± 0.020 $\chi^2/\text{NDF}: 3745.7/16$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.751 ± 0.017 $\chi^2/\text{NDF}: 4840.0/14$

Left: 27.852 ± 0.013 $\chi^2/\text{NDF}: 8675.3/31$

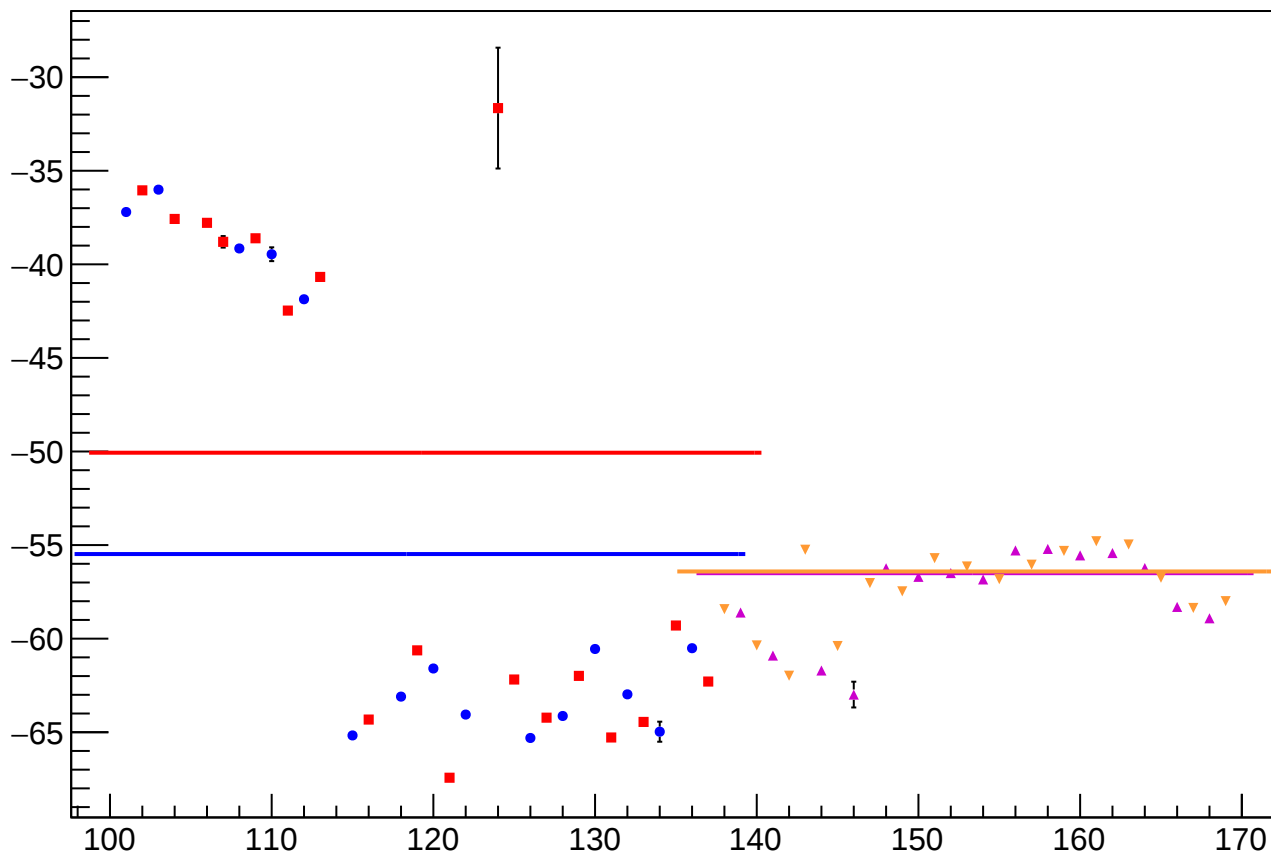
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.939 ± 0.013 $\chi^2/\text{NDF}: 8618.3/29$

Out: 28.009 ± 0.017 $\chi^2/\text{NDF}: 6308.6/34$

All: 27.967 ± 0.010 $\chi^2/\text{NDF}: 14937.7/64$

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

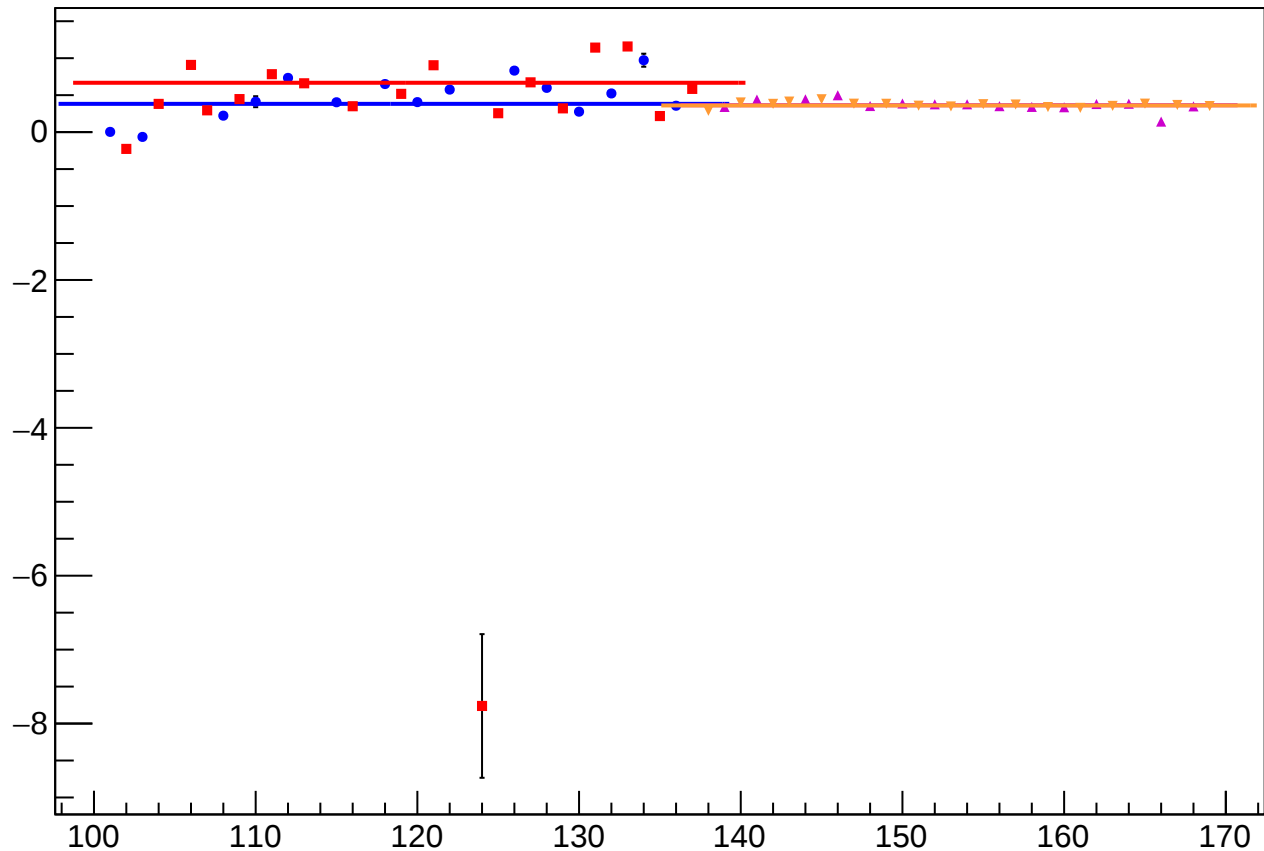
Right: -53.644+/-0.013 χ^2/NDF : 971470.1/32

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

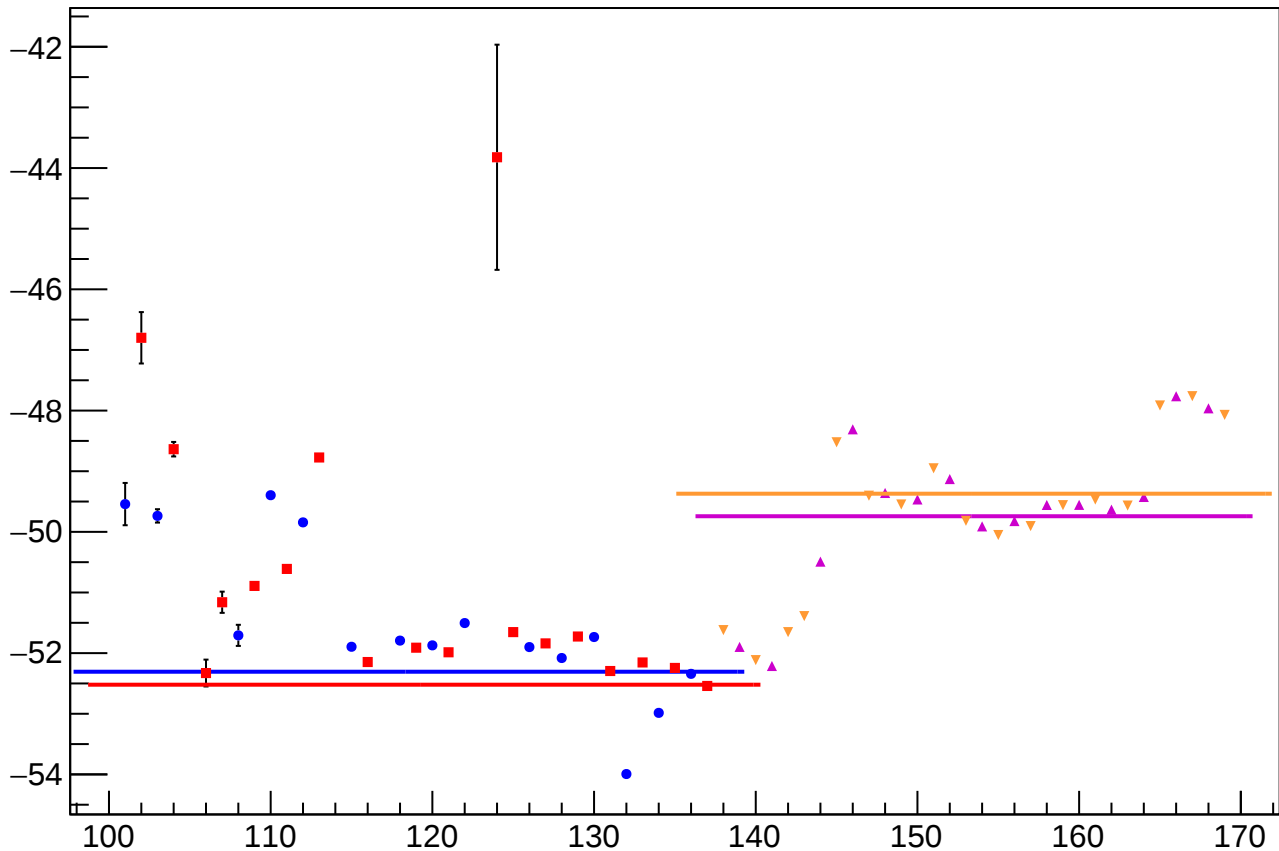
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

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 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.371 $\pm$ 0.001 χ^2 /NDF: 465710.8/16

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.742 $\pm$ 0.002 χ^2 /NDF: 295539.2/14

Left: -49.546 $\pm$ 0.001 χ^2 /NDF: 790912.0/31

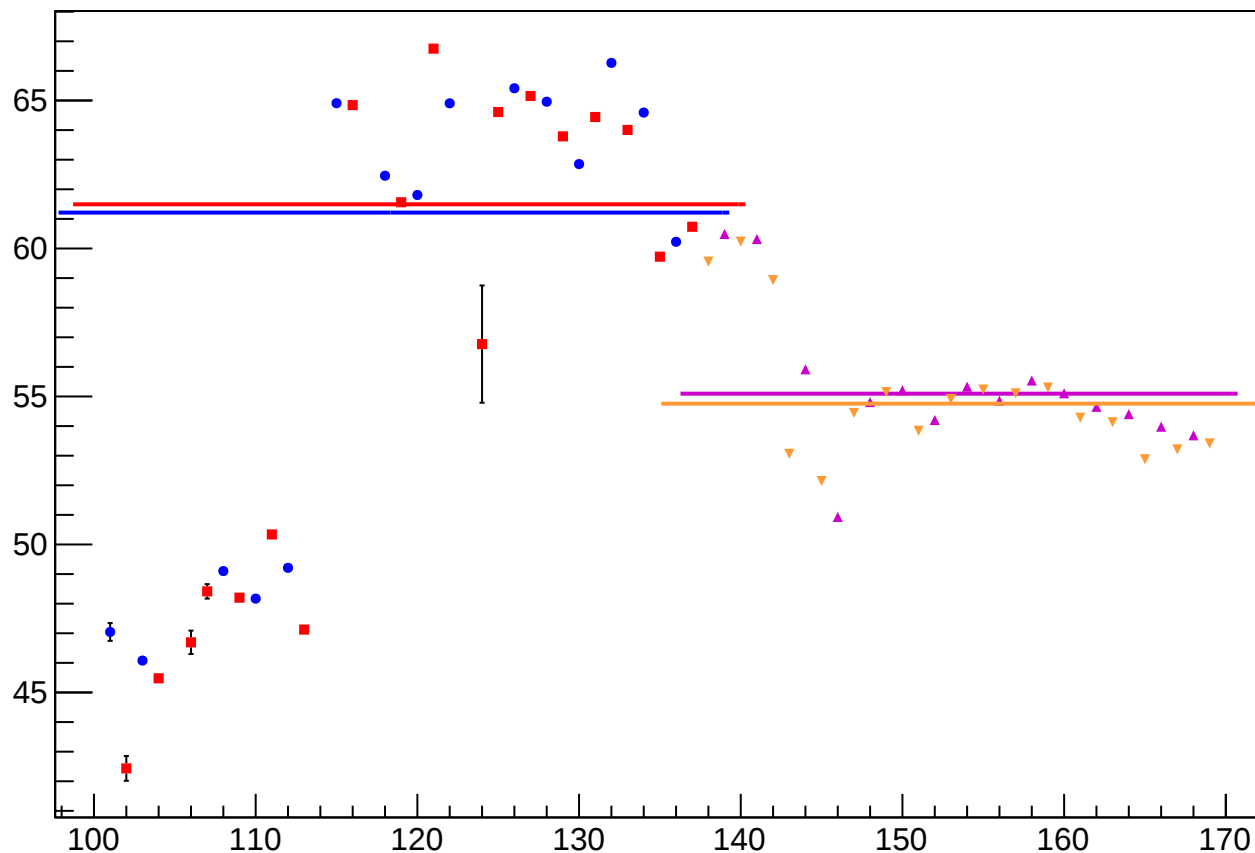
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.102 $\pm$ 0.001 χ^2 /NDF: 696312.2/29

Out: -51.398 $\pm$ 0.001 χ^2 /NDF: 3386450.4/34

All: -51.048 $\pm$ 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

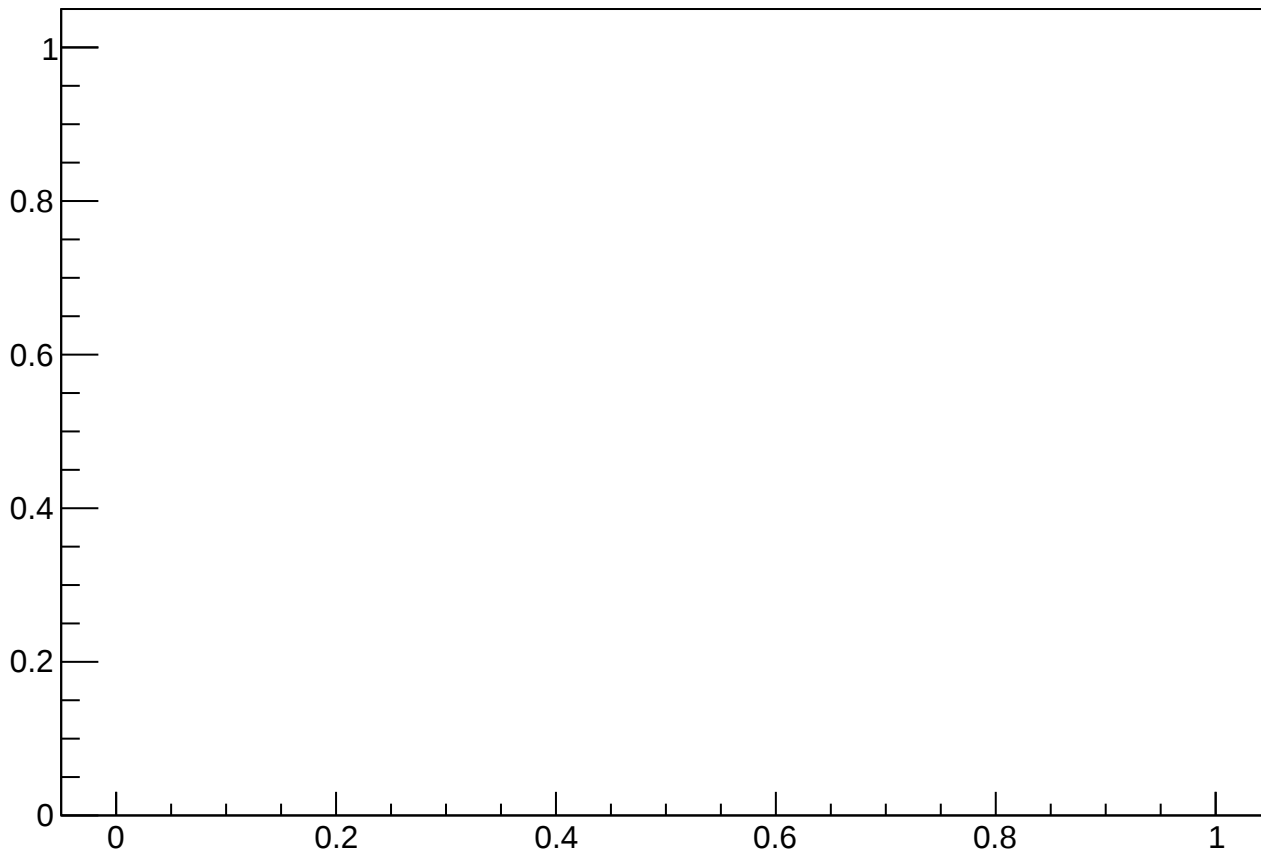
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

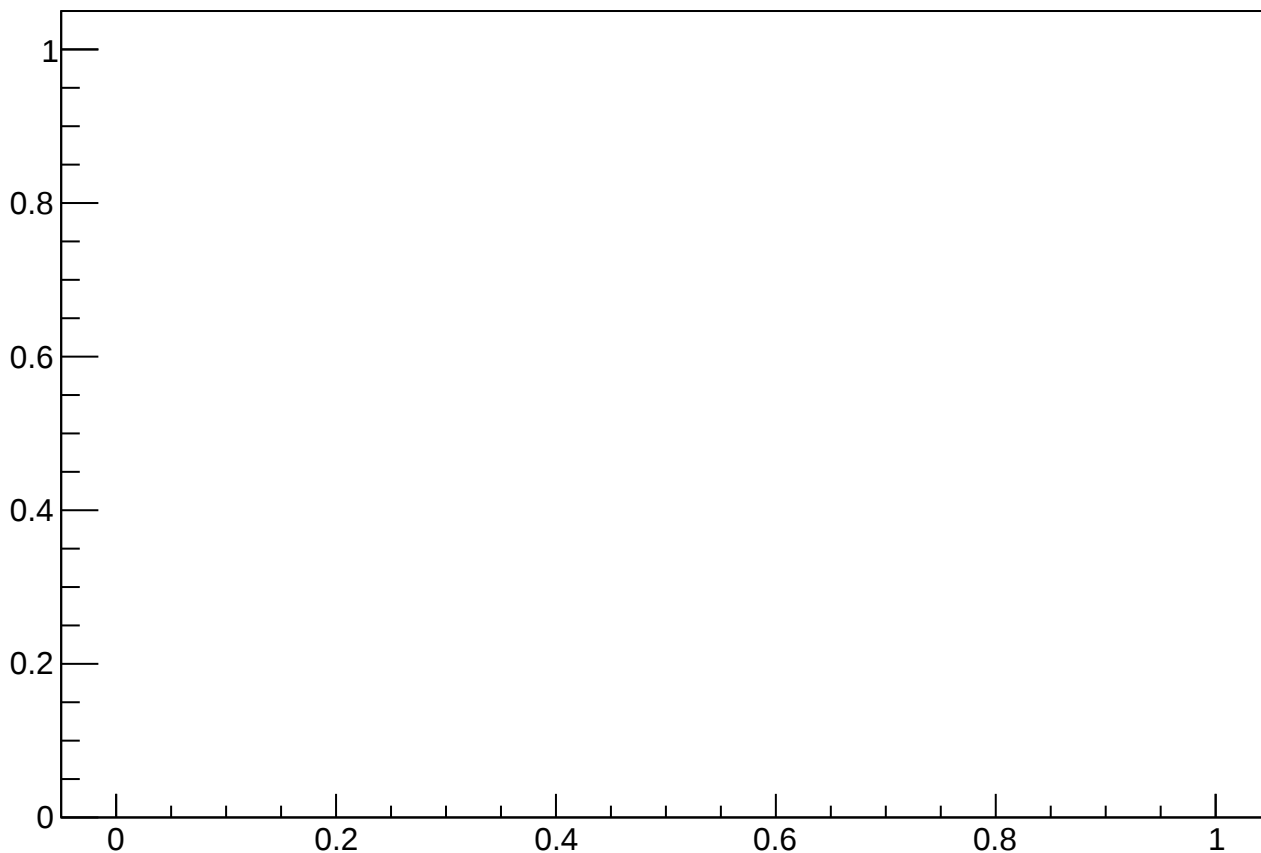
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

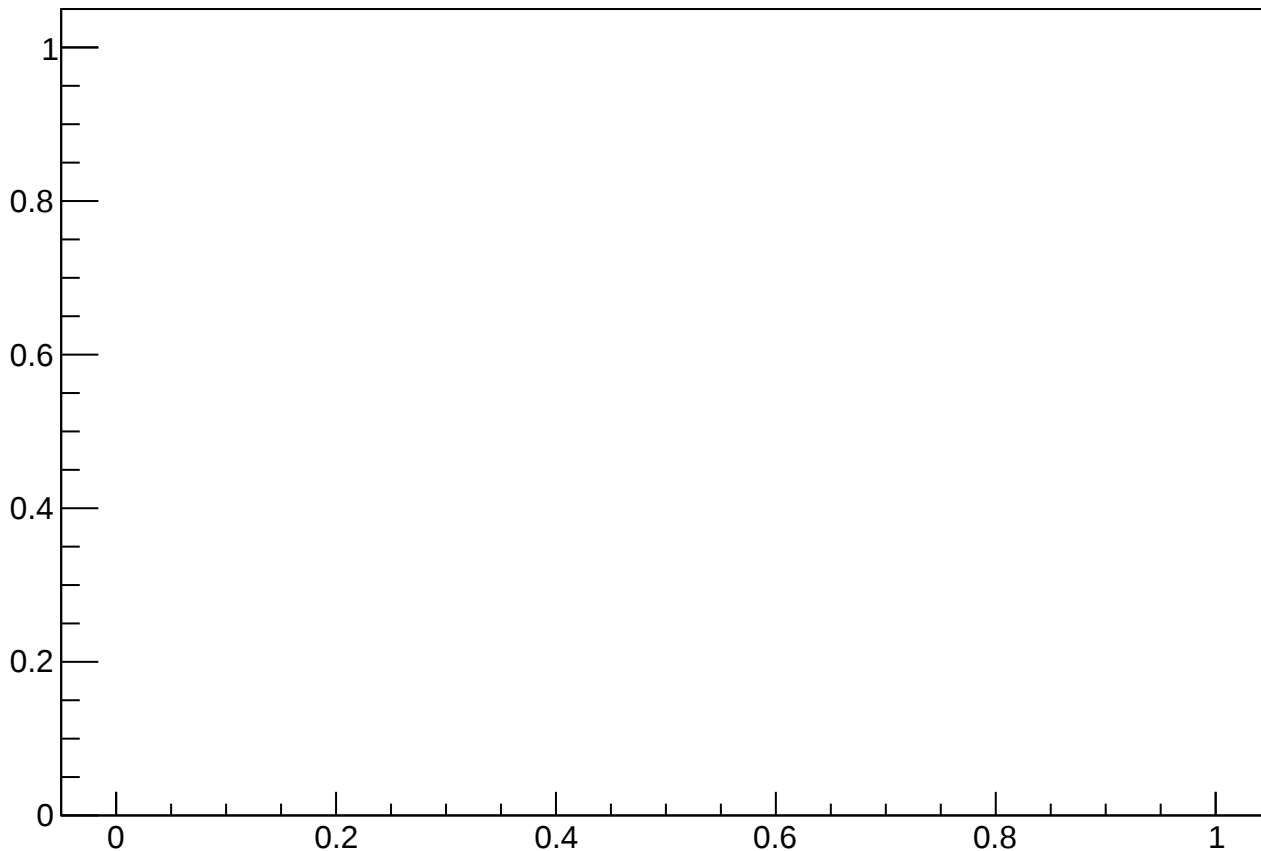
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

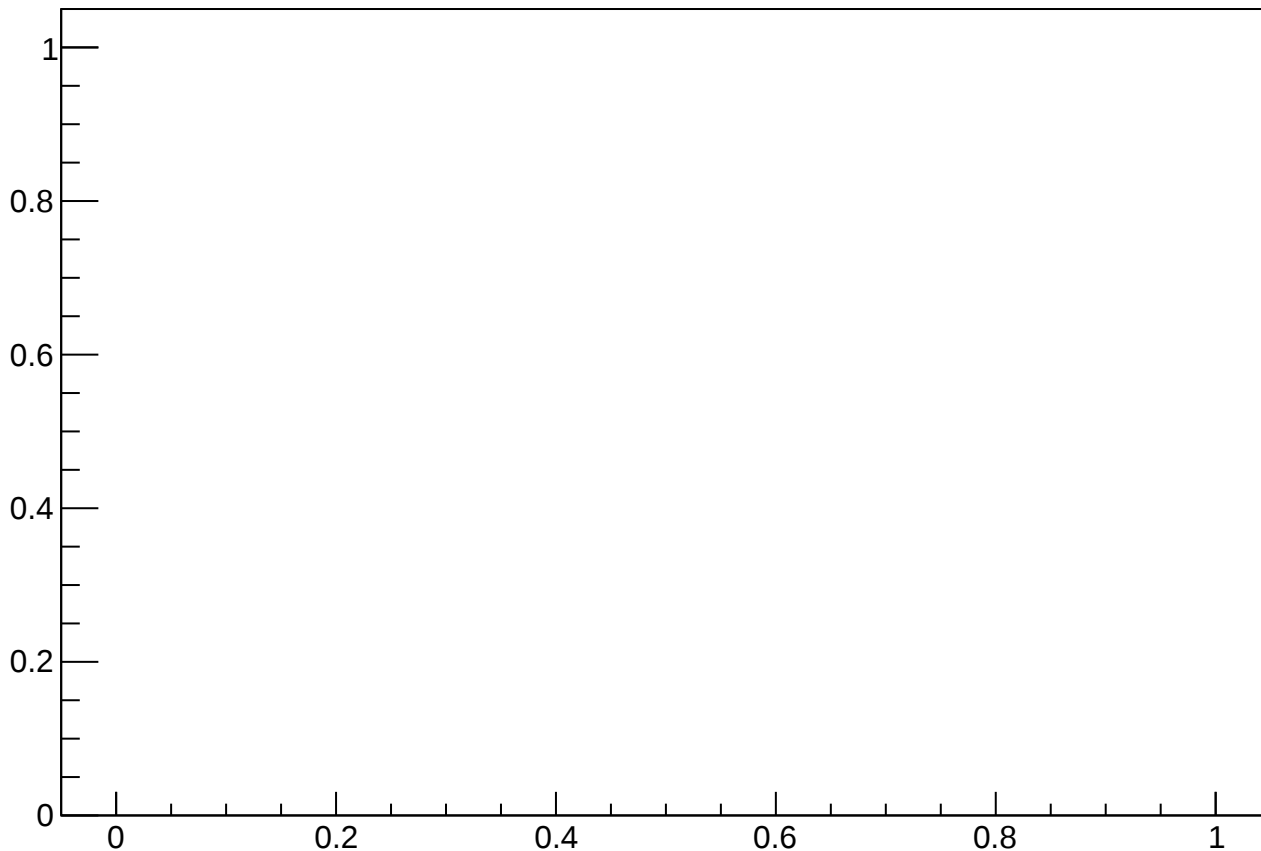
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

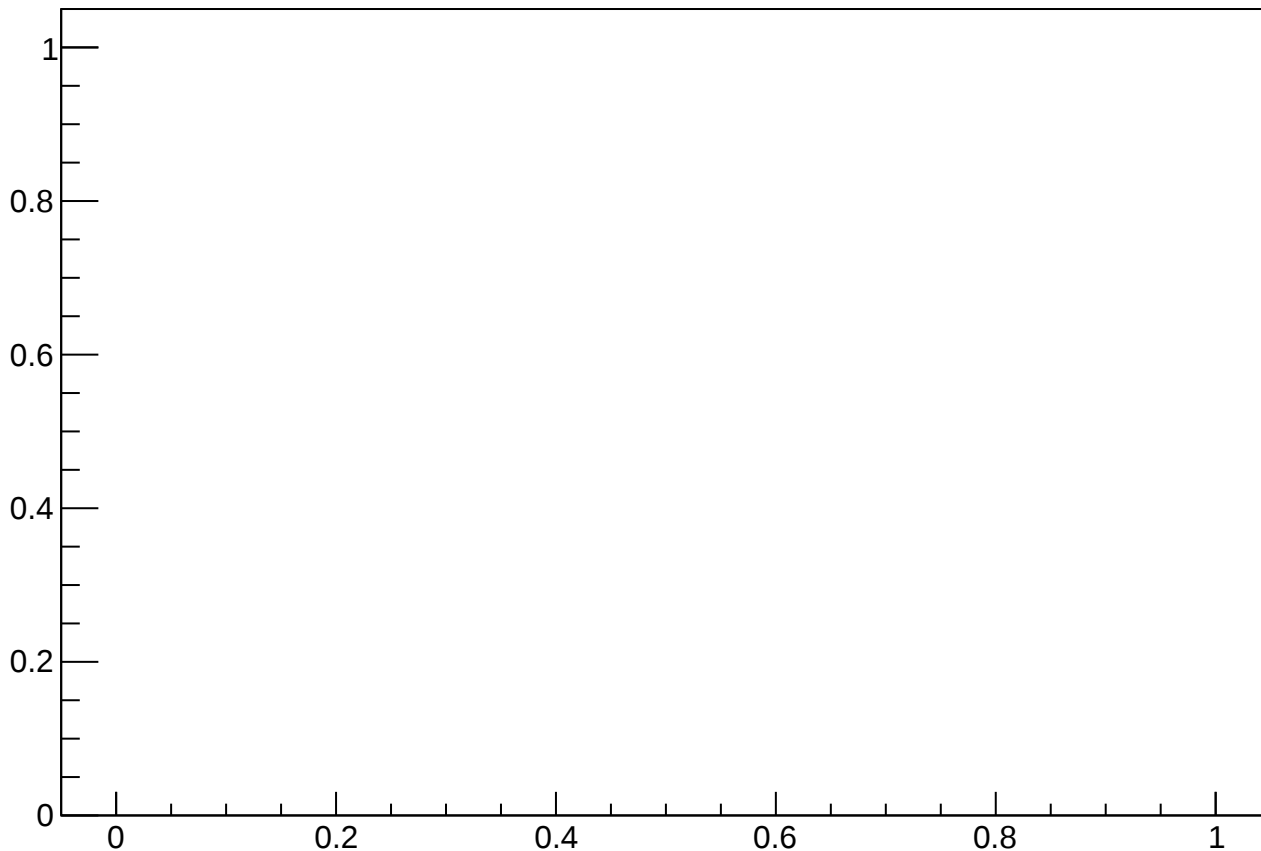
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

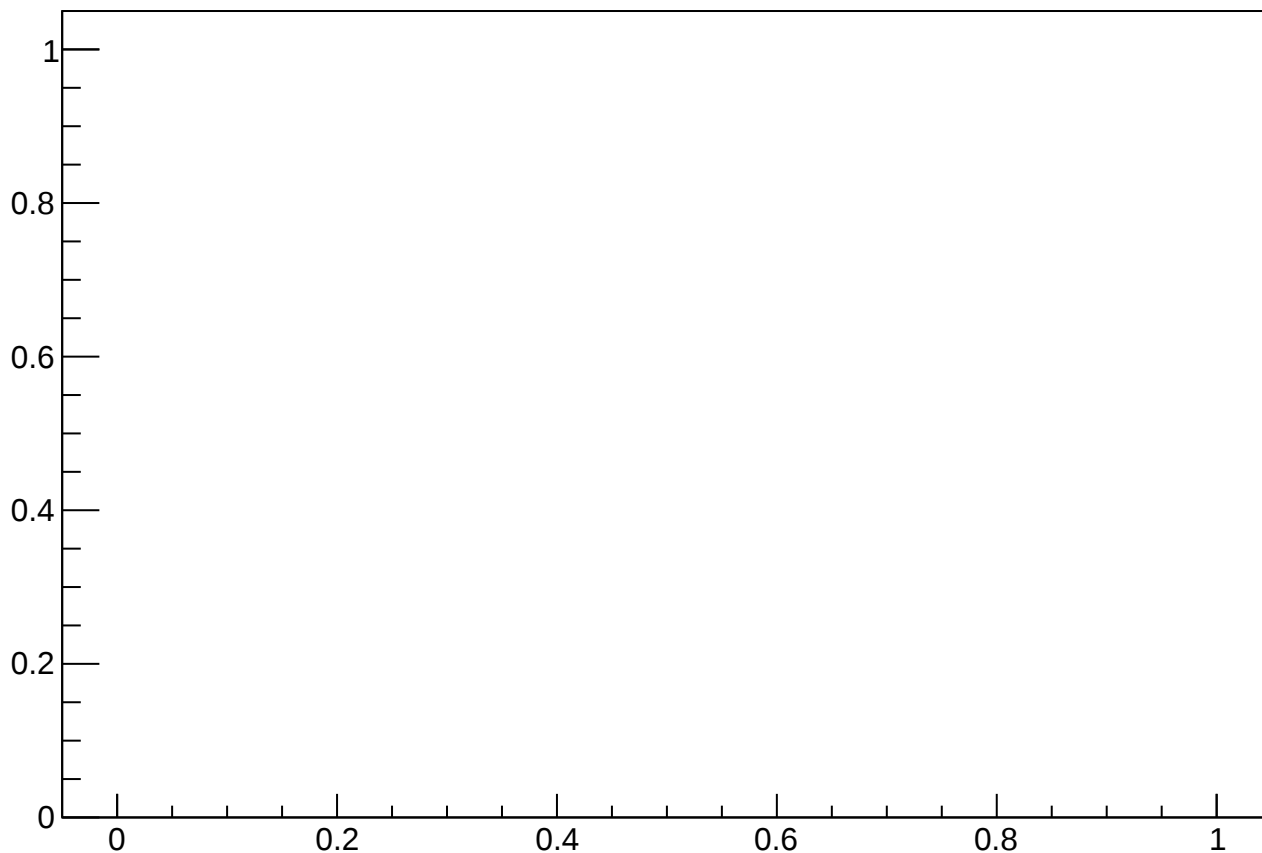
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

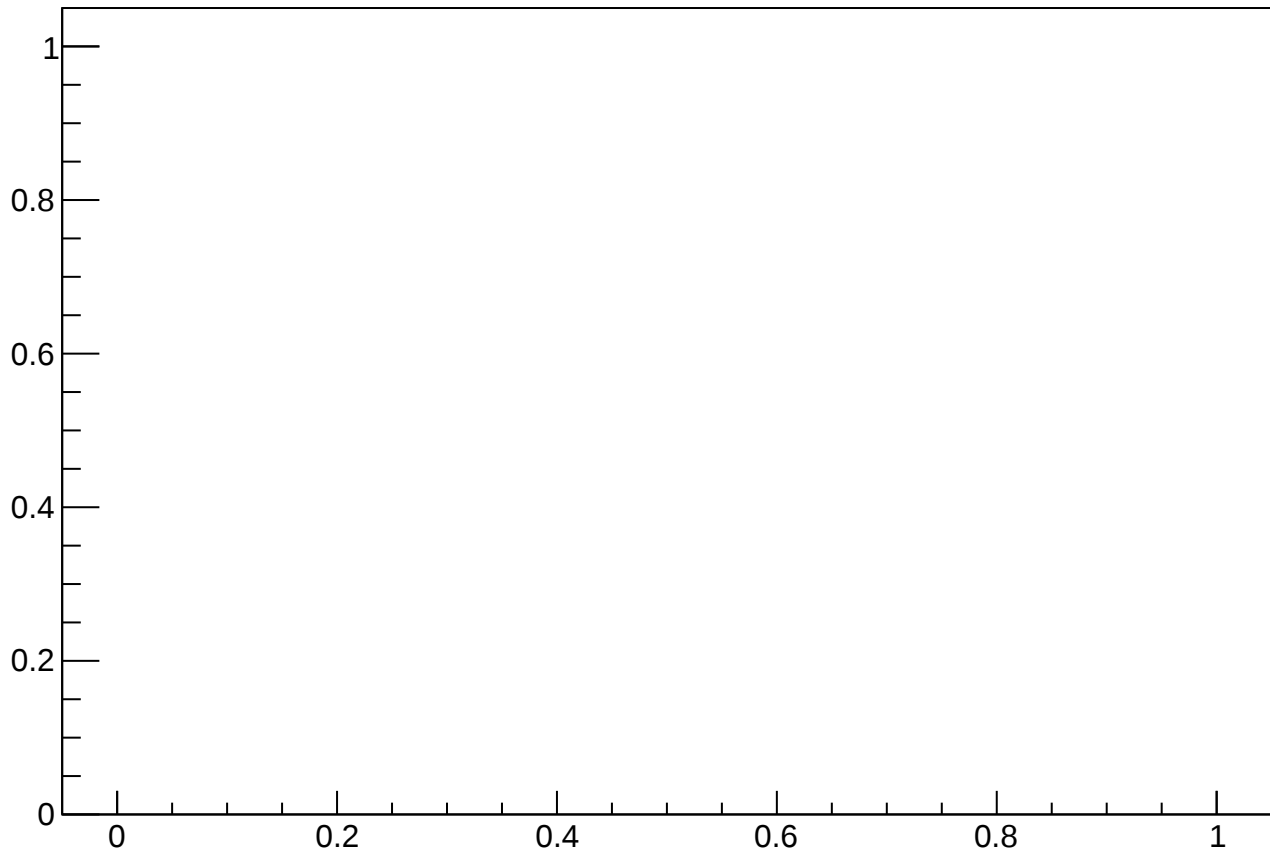
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

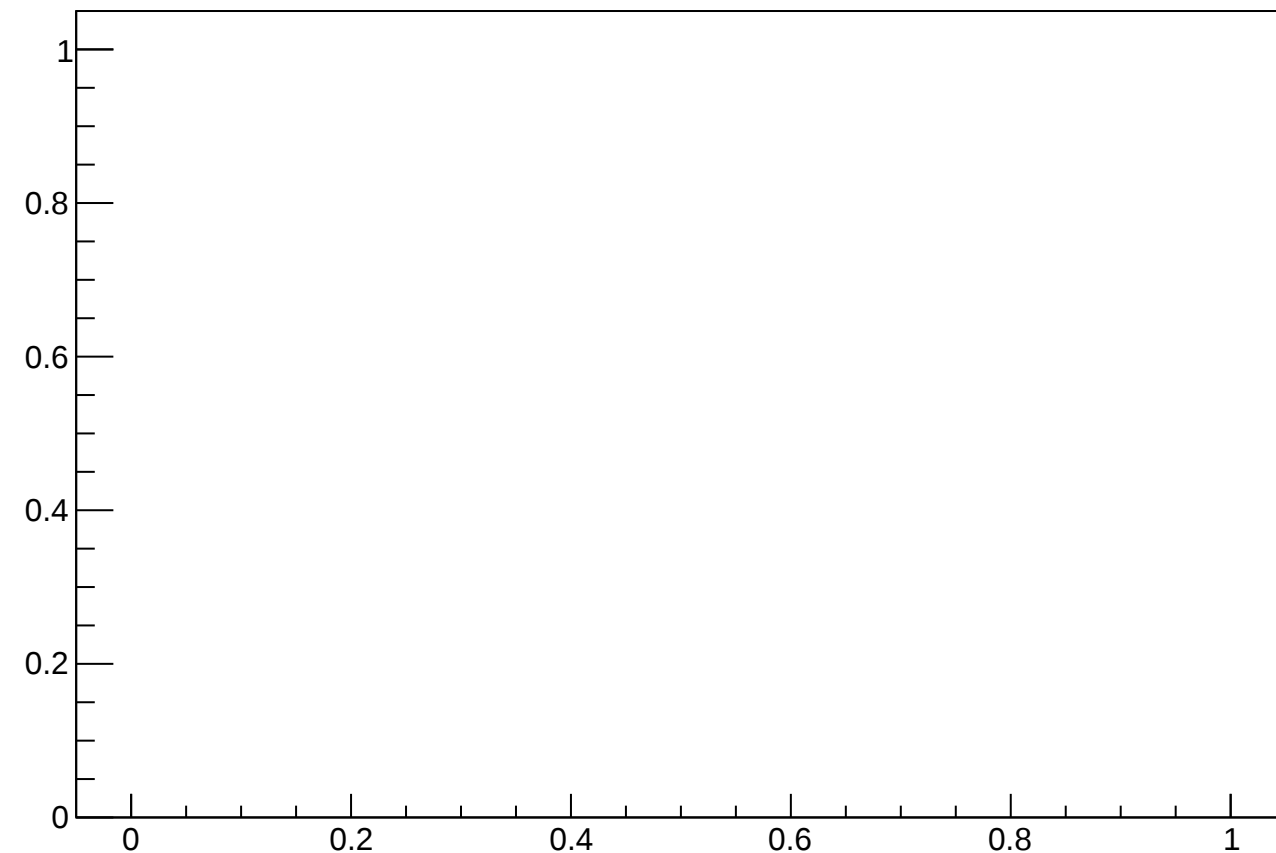
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

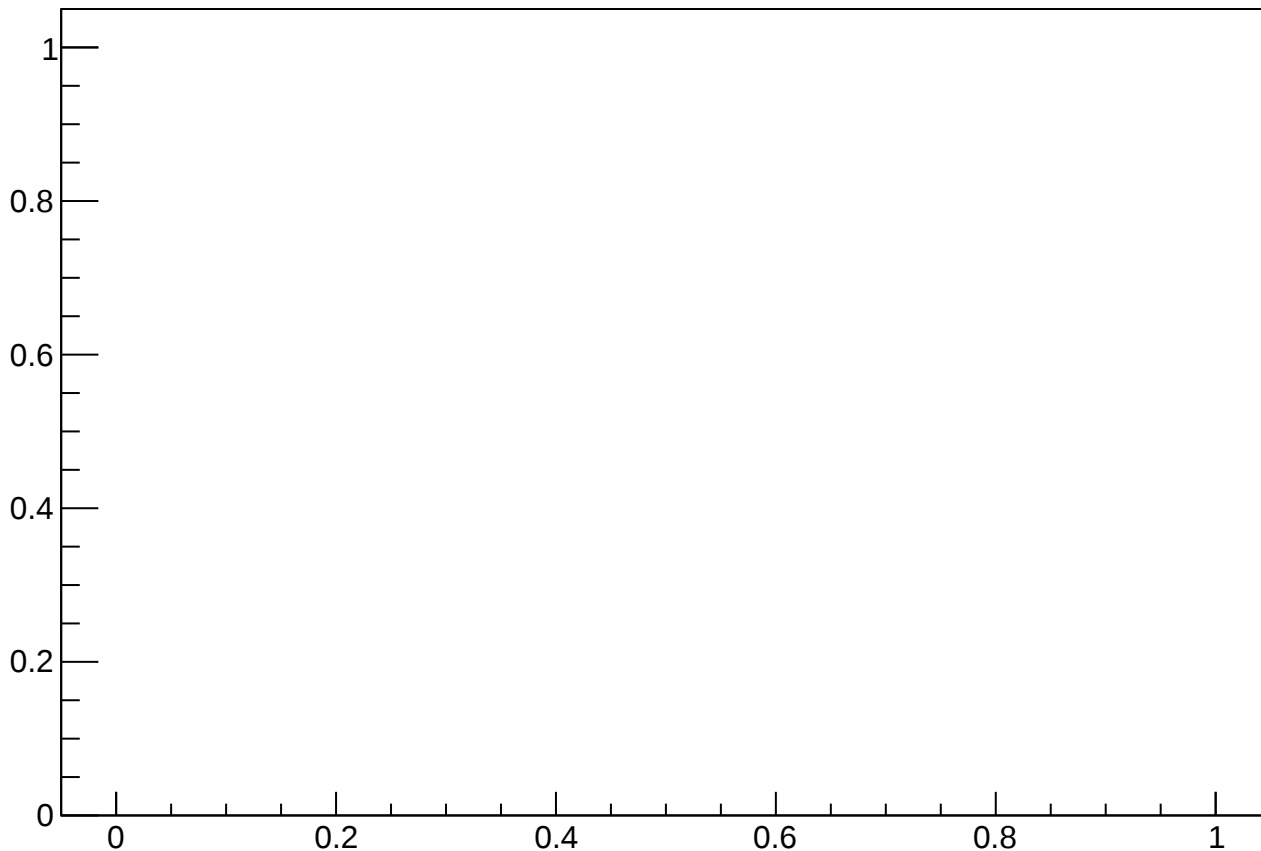
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

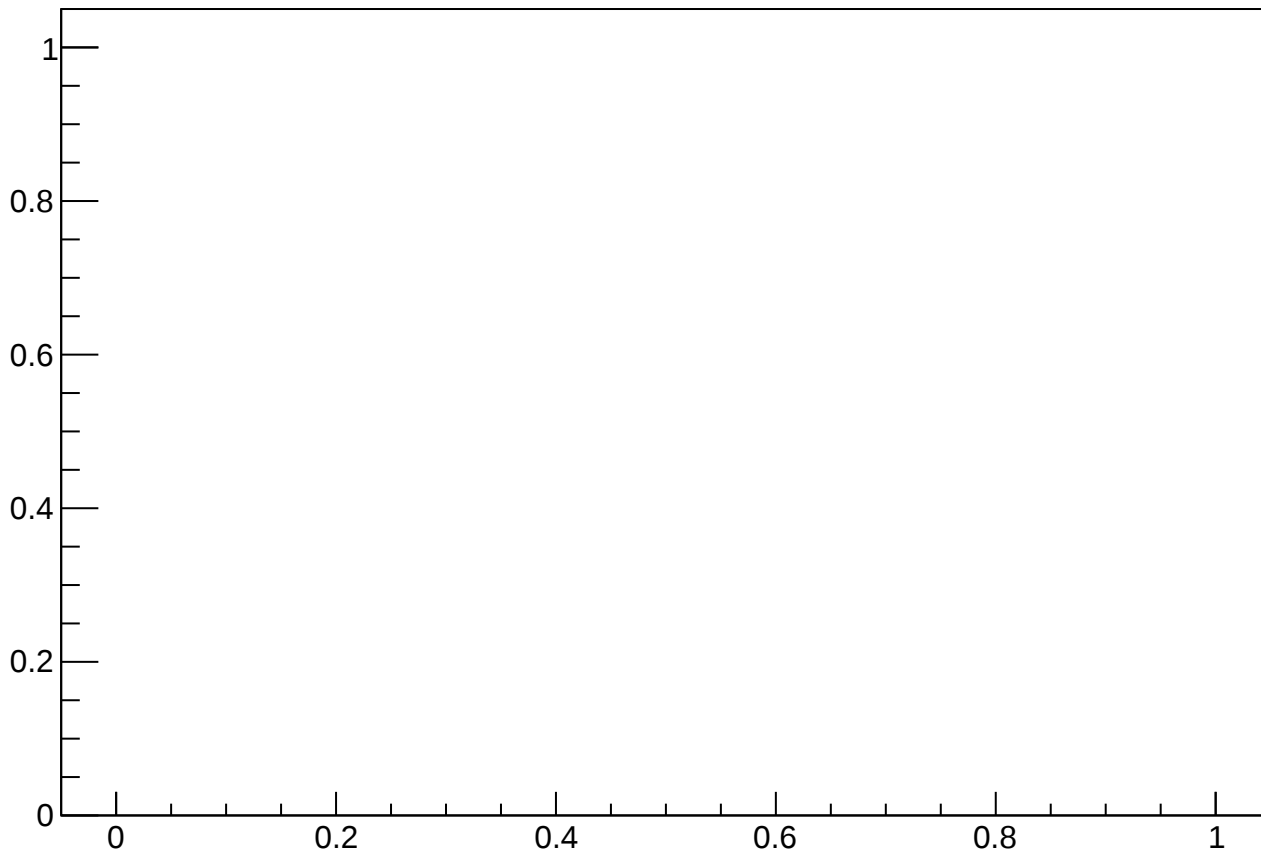
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

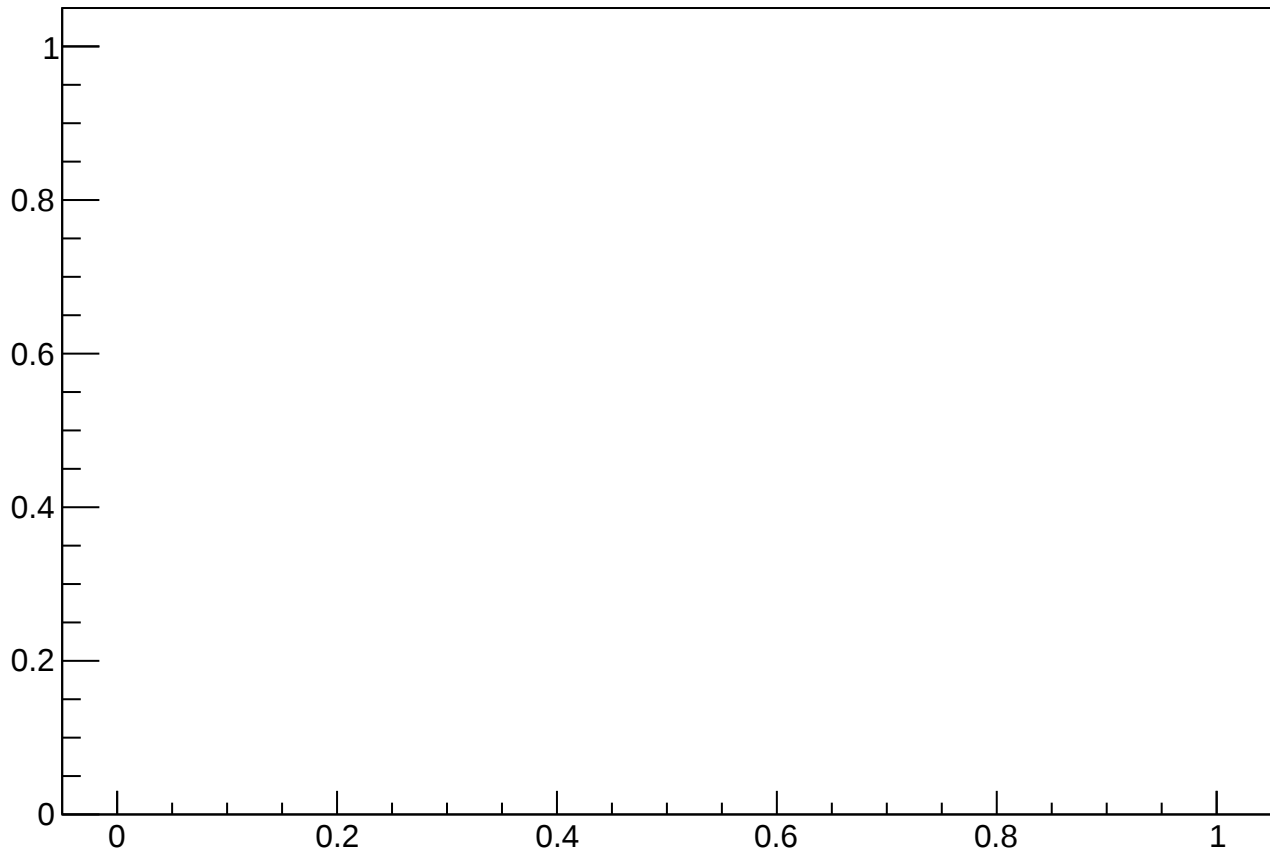
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

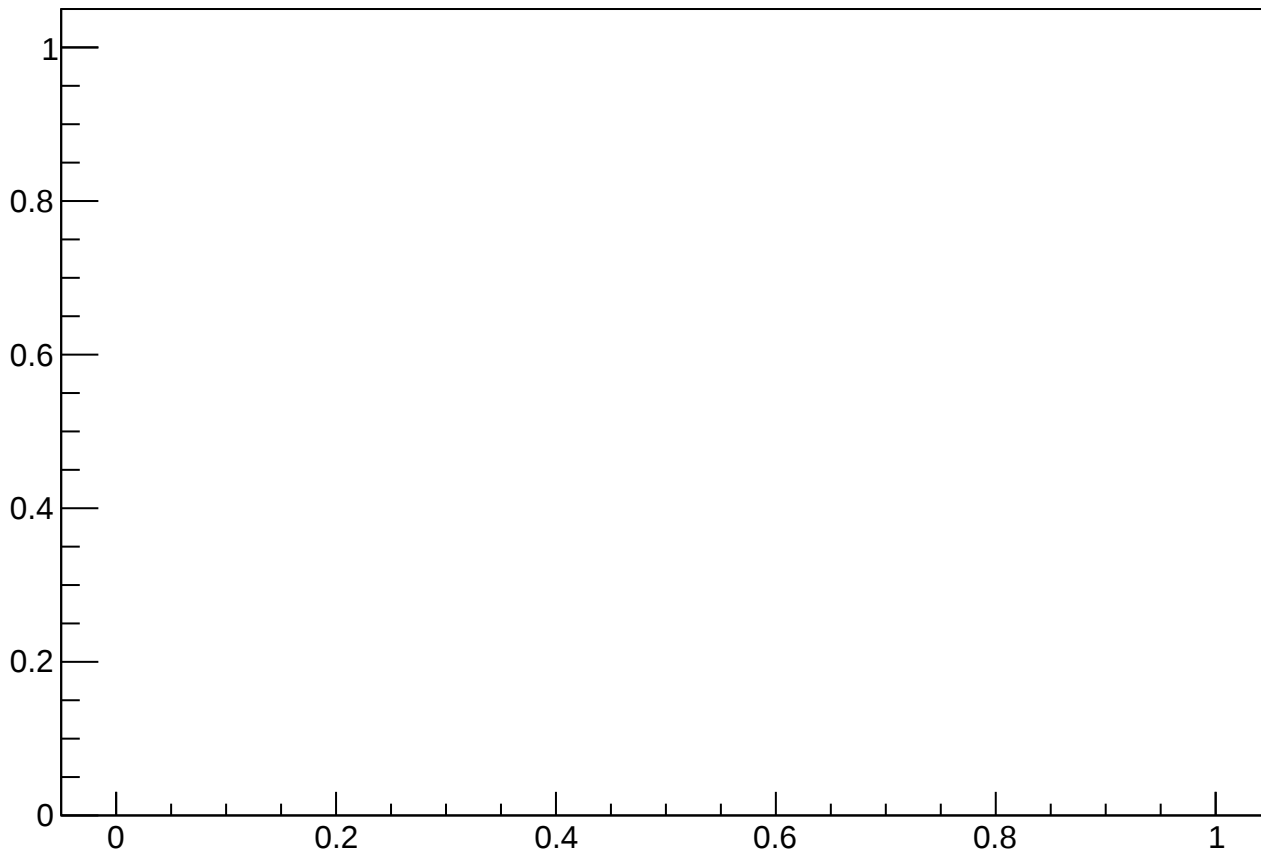
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

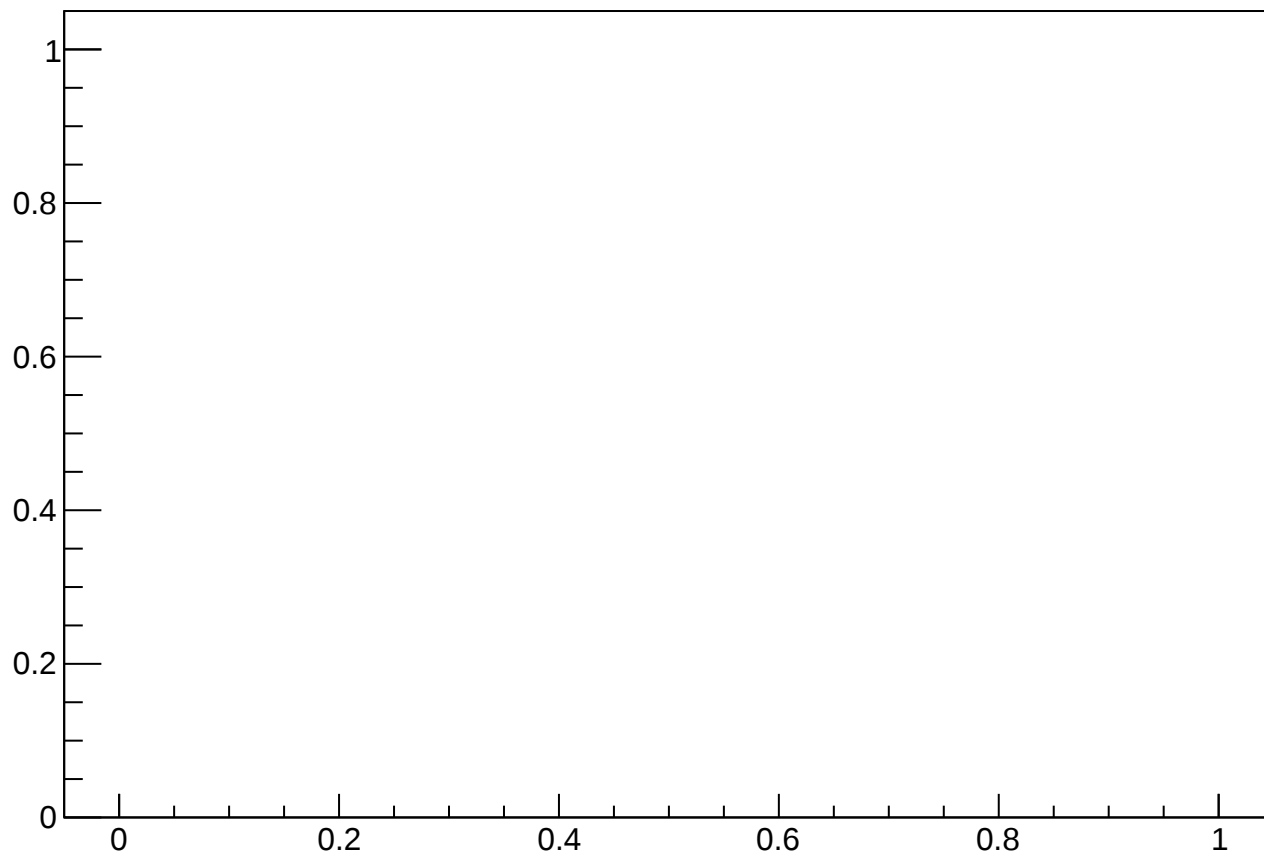
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

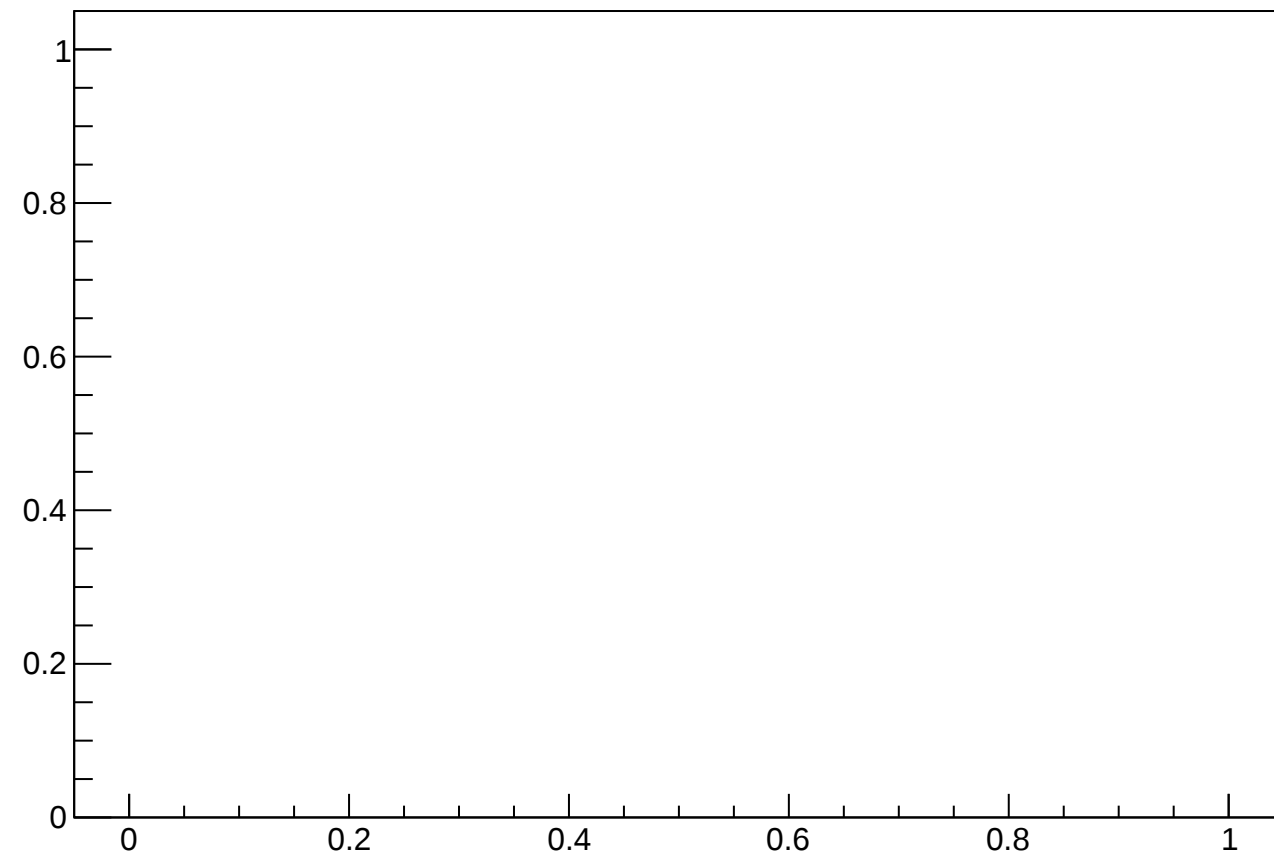
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

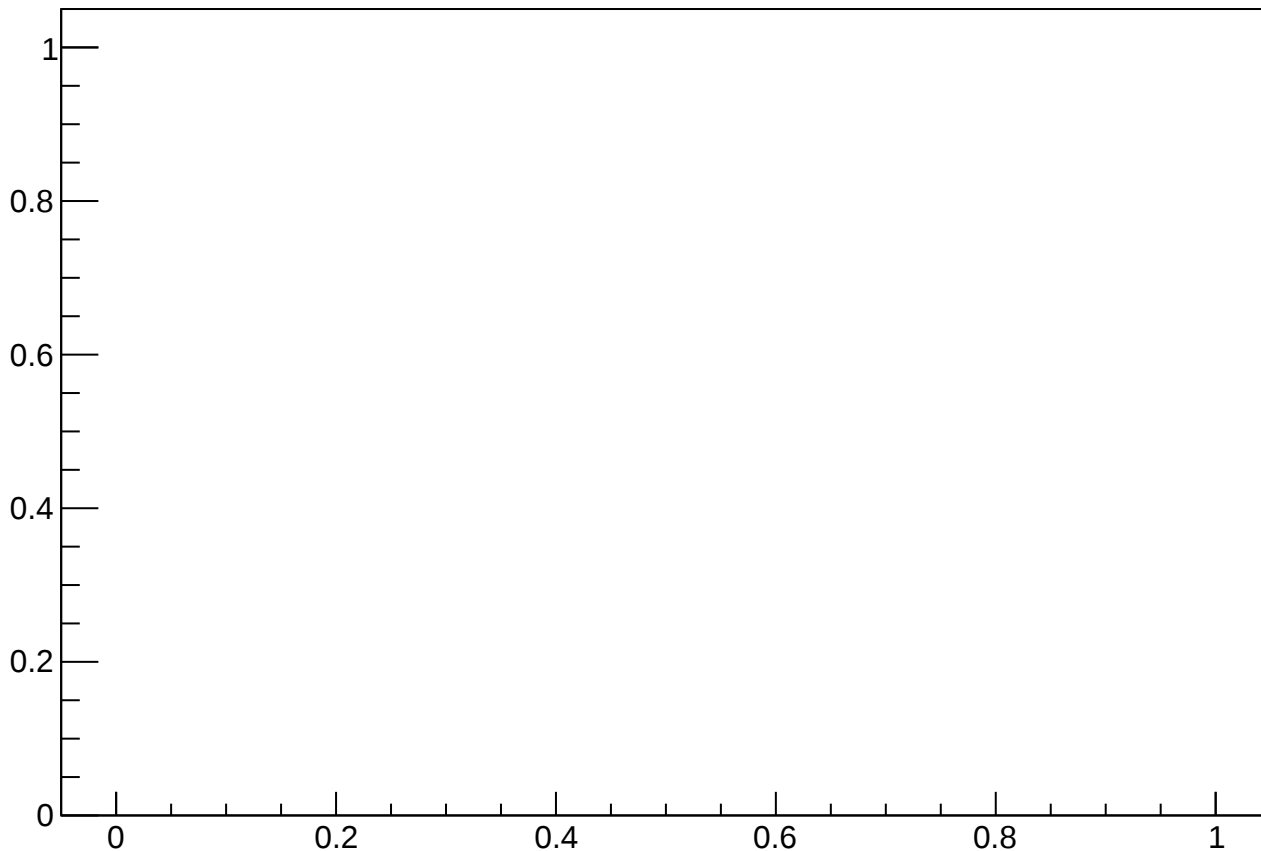
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

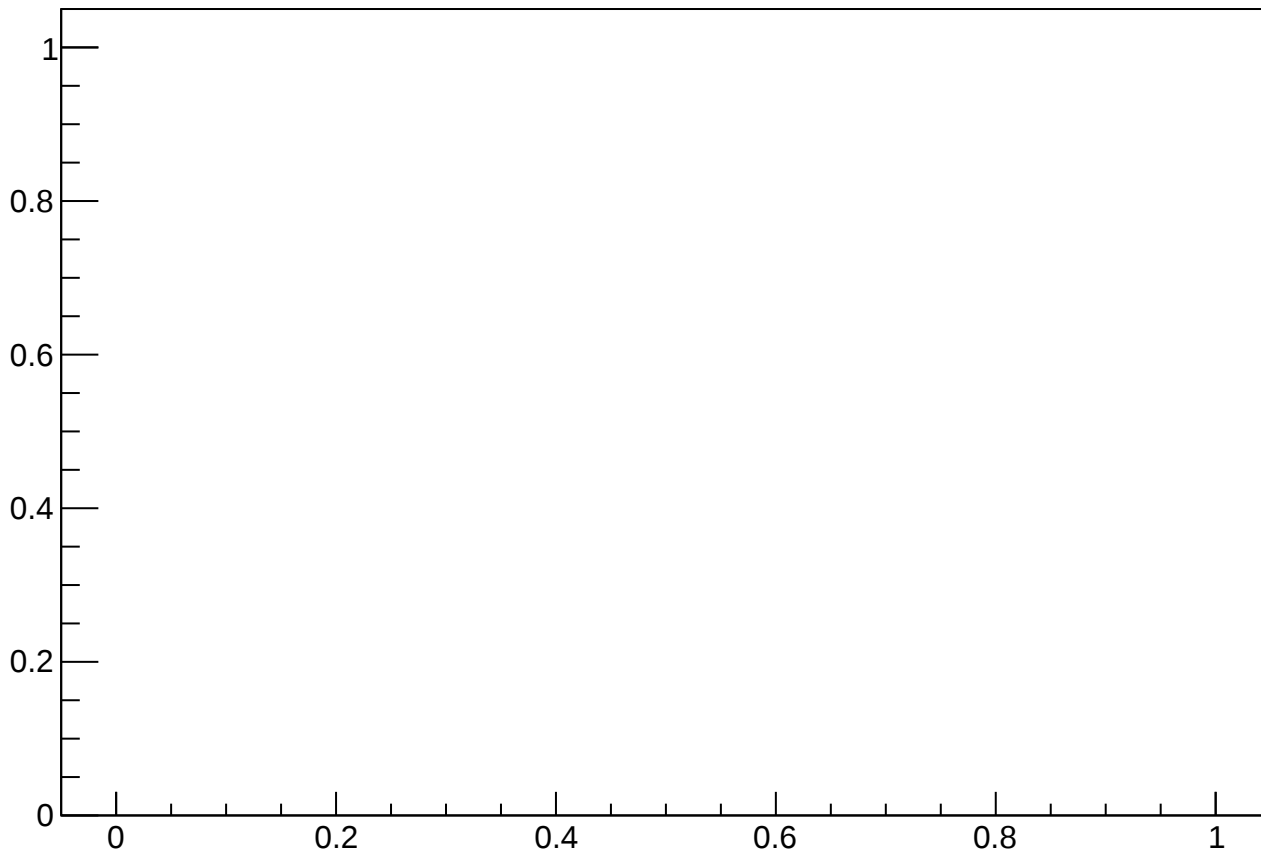
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

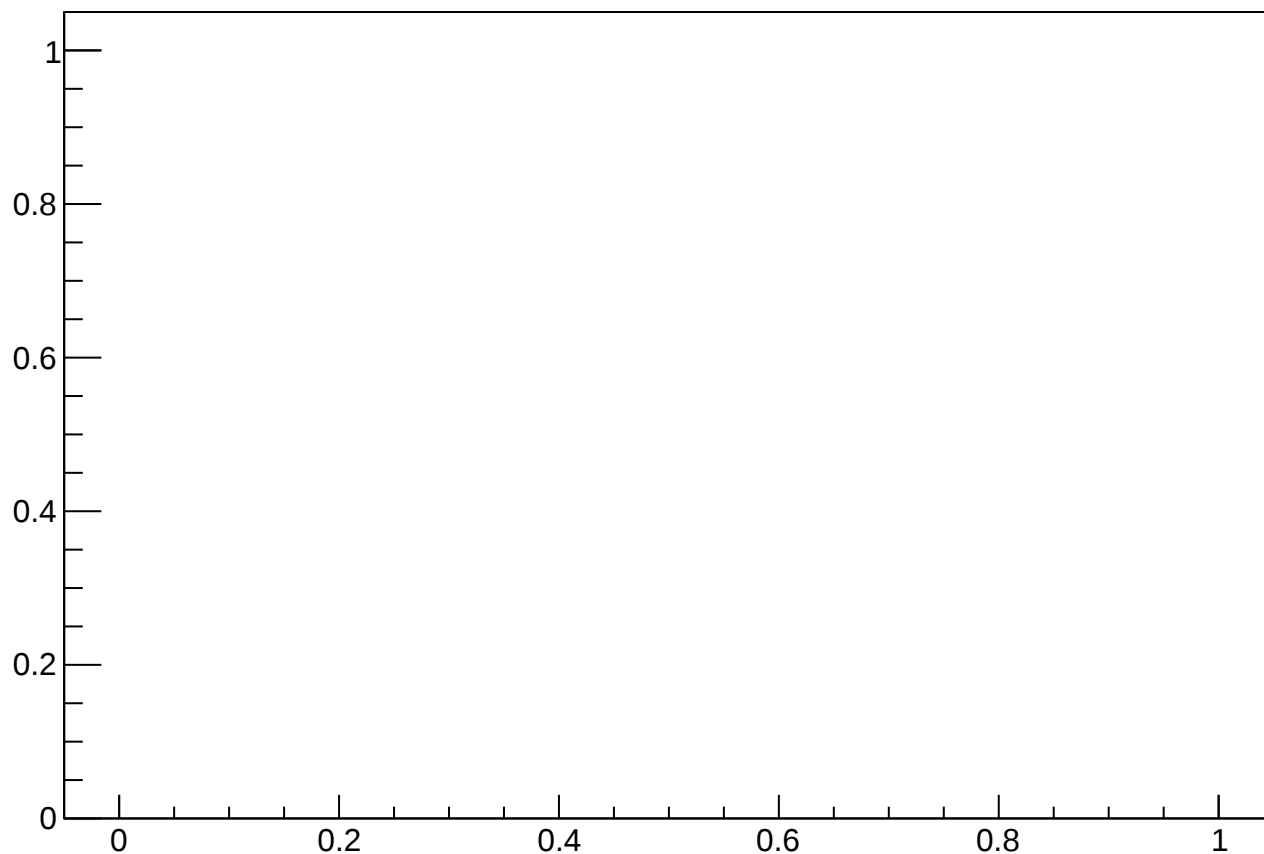
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

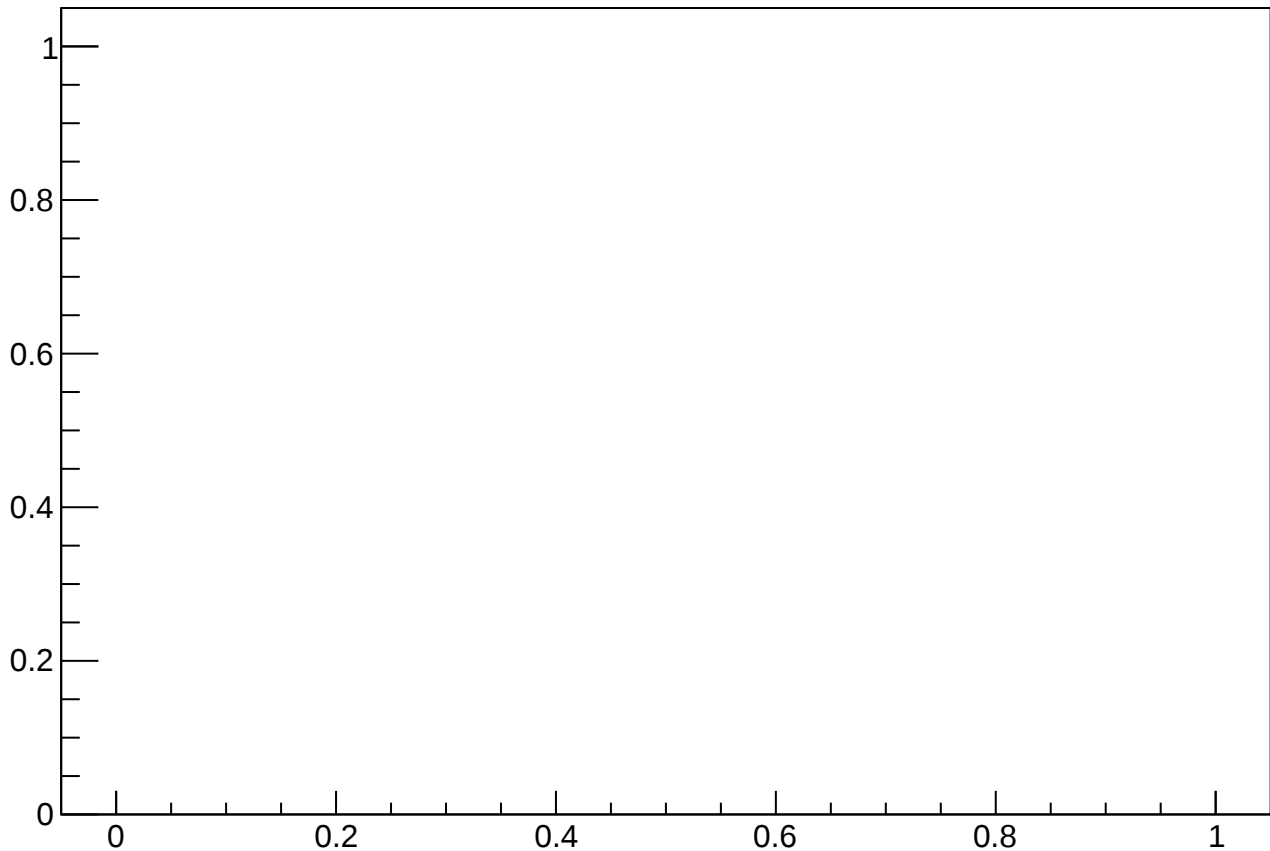
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

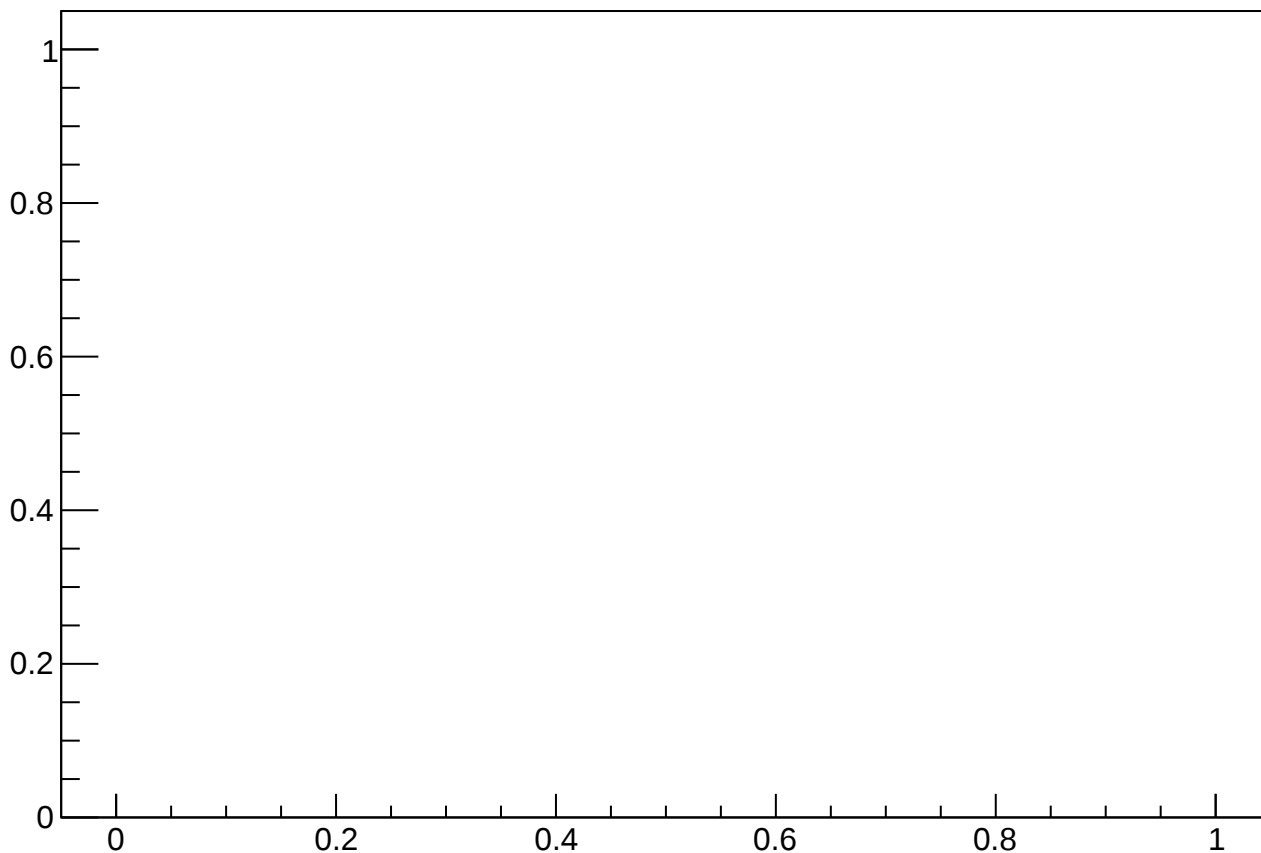
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

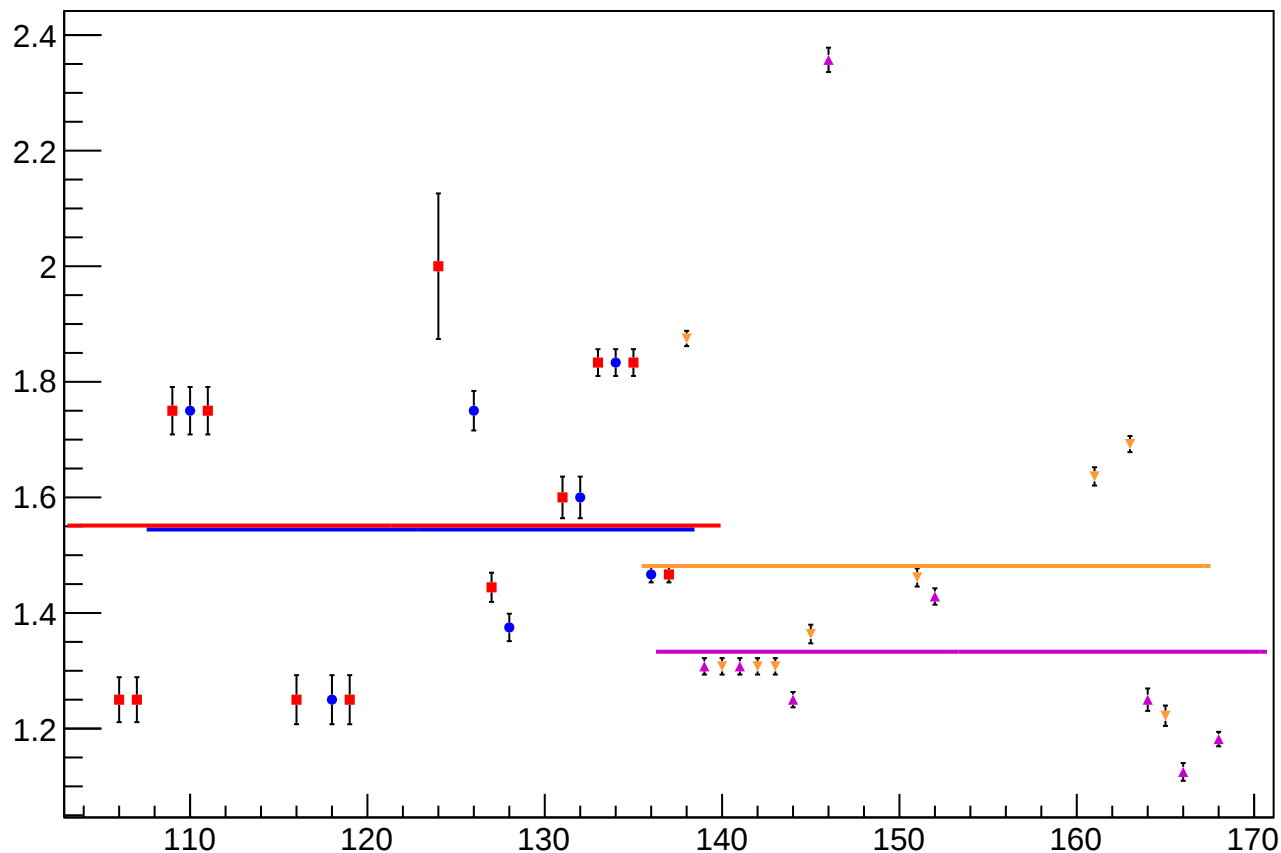
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.481+/-0.005 χ^2/NDF :1927.1/8

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.333+/-0.005 χ^2/NDF :2803.3/7

Left: 1.412+/-0.004 χ^2/NDF : 5151.9/16

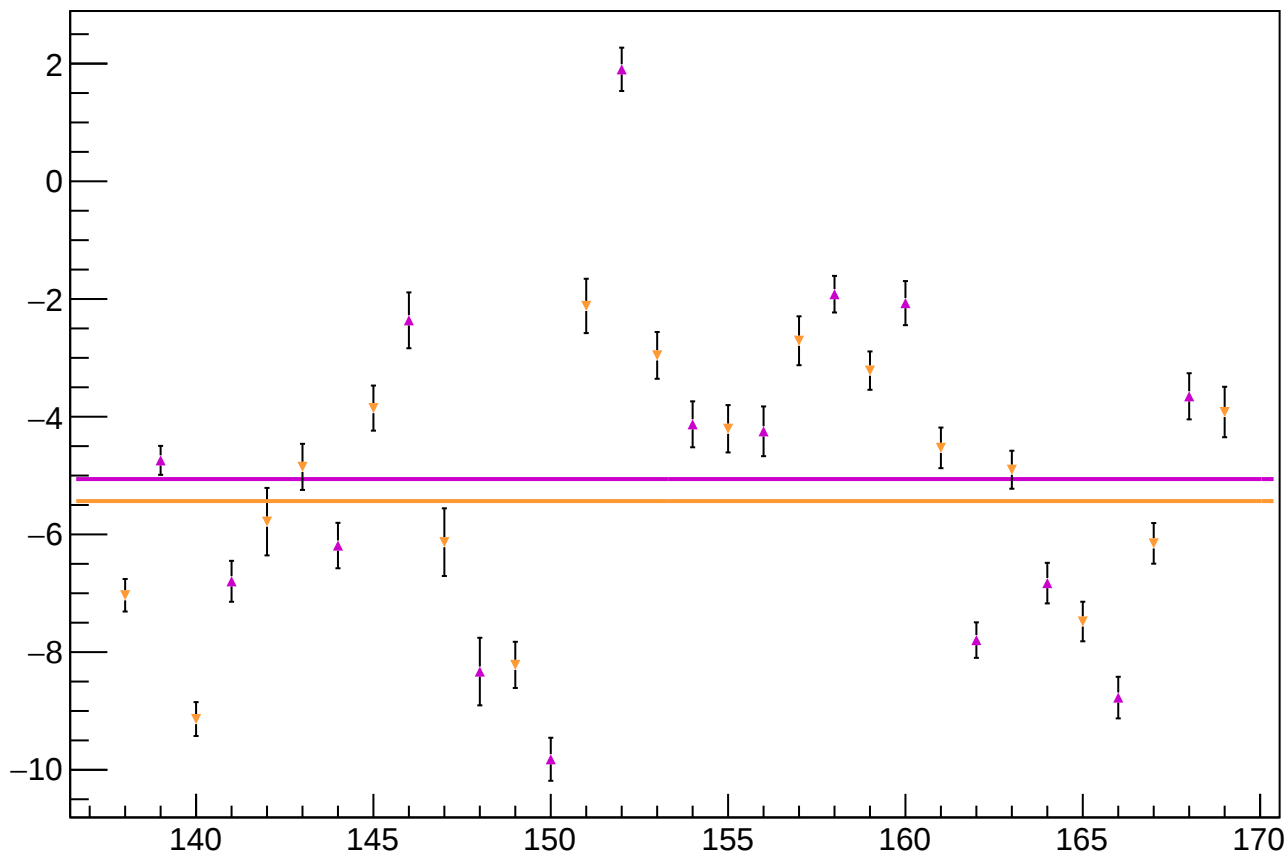
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.385+/-0.005 χ^2/NDF :3548.4/14

Out: 1.500+/-0.004 χ^2/NDF :2614.4/20

All: 1.447+/-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

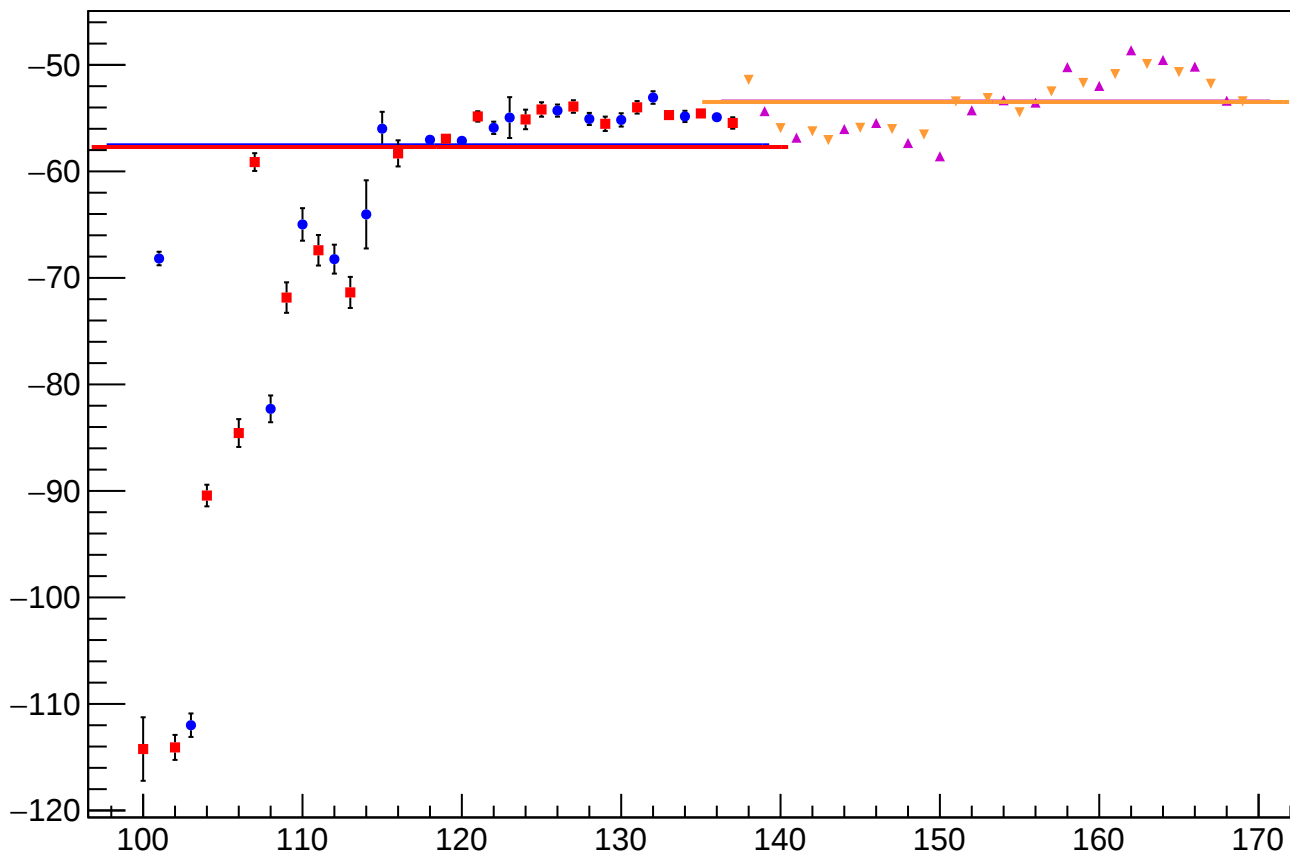
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -53.443 ± 0.071 χ^2/NDF : 1872.3/14

Left: -53.463 ± 0.049 χ^2/NDF : 3066.9/31

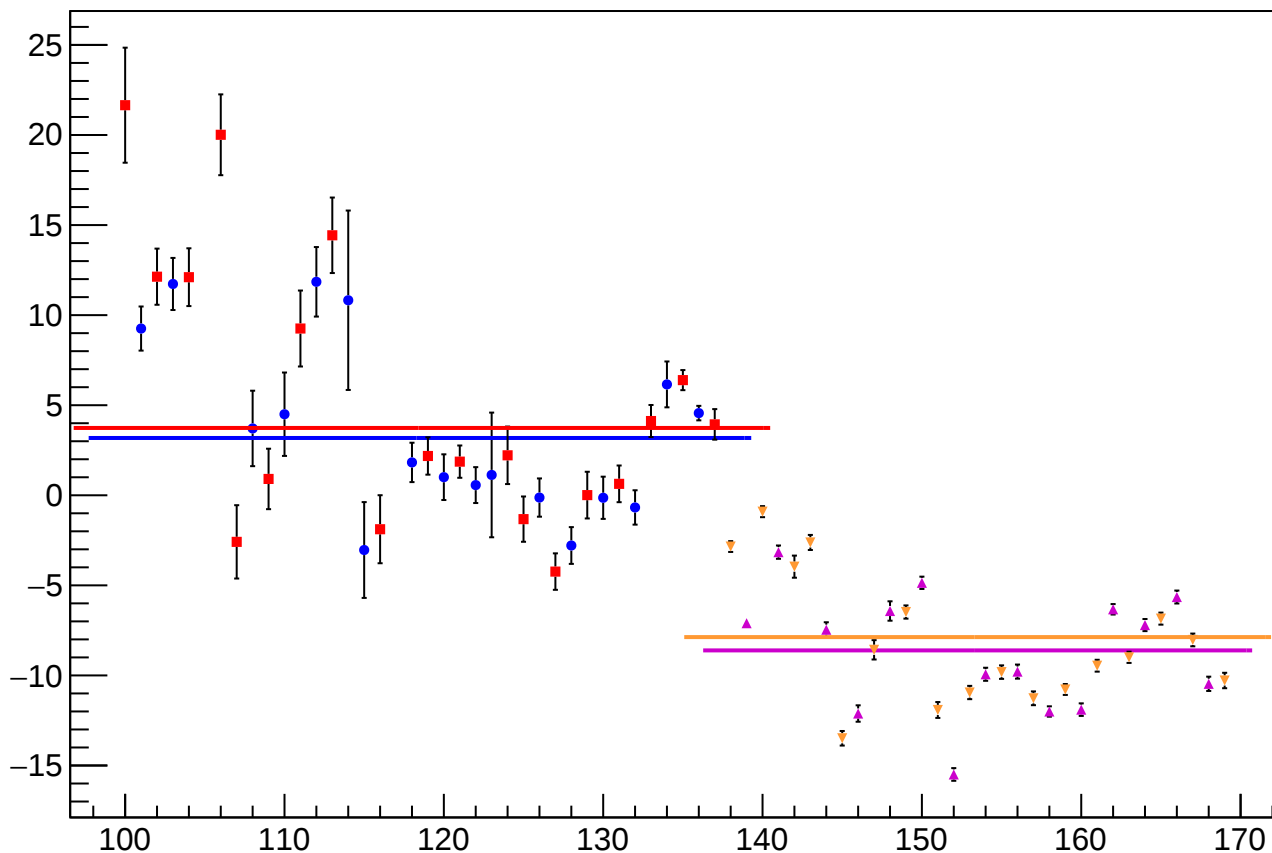
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -54.275 ± 0.064 χ^2/NDF : 6003.3/31

Out: -54.246 ± 0.061 χ^2/NDF : 6617.2/35

All: -54.260 ± 0.044 χ^2/NDF : 12620.6/67

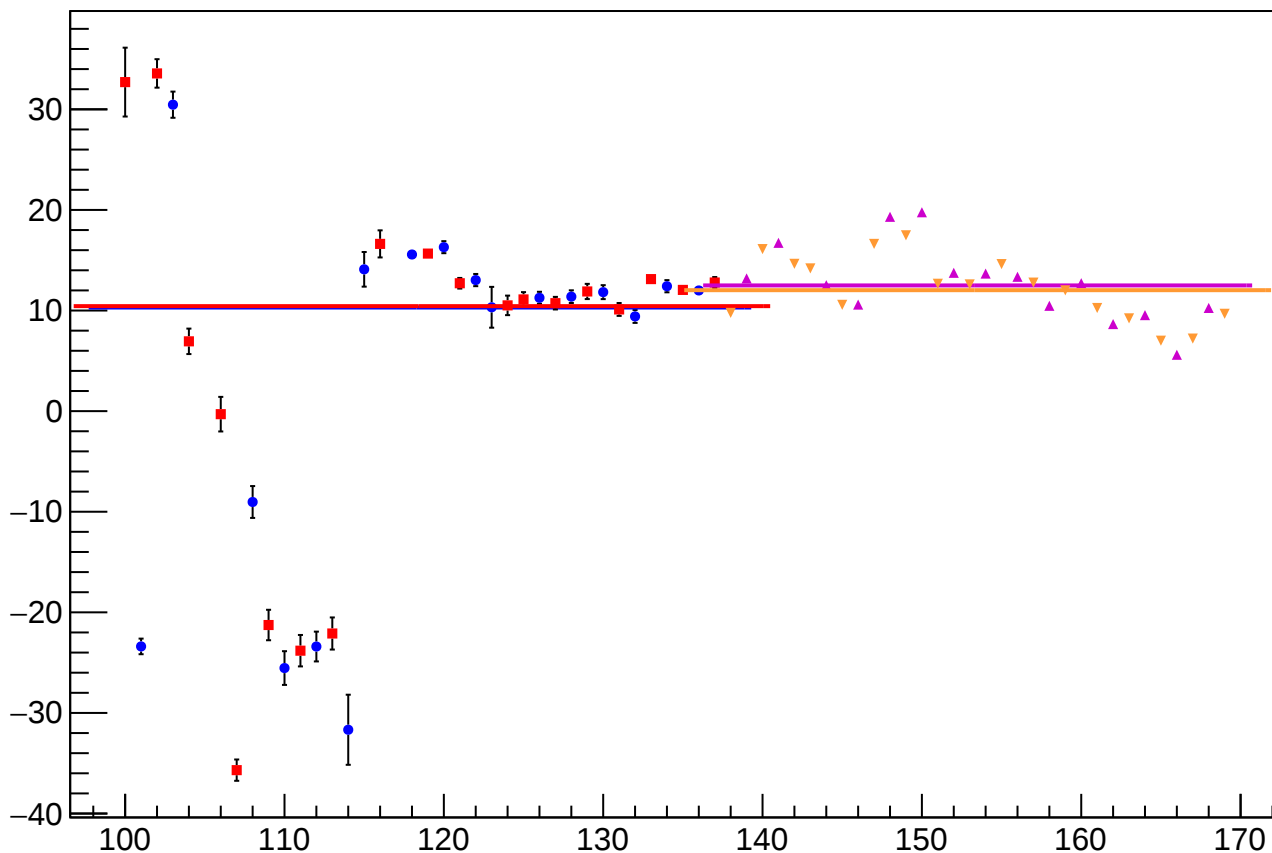
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181+/-0.258 χ^2/NDF : 185.2/16
 Left Out: -7.872+/-0.089 χ^2/NDF :1632.2/16
 Right Out: 3.738+/-0.267 χ^2/NDF : 320.9/18
 Left In: -8.611+/-0.091 χ^2/NDF :1255.1/14

Left: -8.234+/-0.064 χ^2/NDF : 2921.1/31
 Right: 3.450+/-0.186 χ^2/NDF : 508.4/35
 In: -7.313+/-0.086 χ^2/NDF :3299.5/31
 Out: -6.712+/-0.084 χ^2/NDF :3655.9/35
 All: -7.008+/-0.060 χ^2/NDF : 6980.3/67

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 12.023 $\pm$ 0.076 χ^2 /NDF:1568.1/16

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 12.495 $\pm$ 0.080 χ^2 /NDF:2041.9/14

Left: 12.247 $\pm$ 0.055 χ^2 /NDF: 3628.2/31

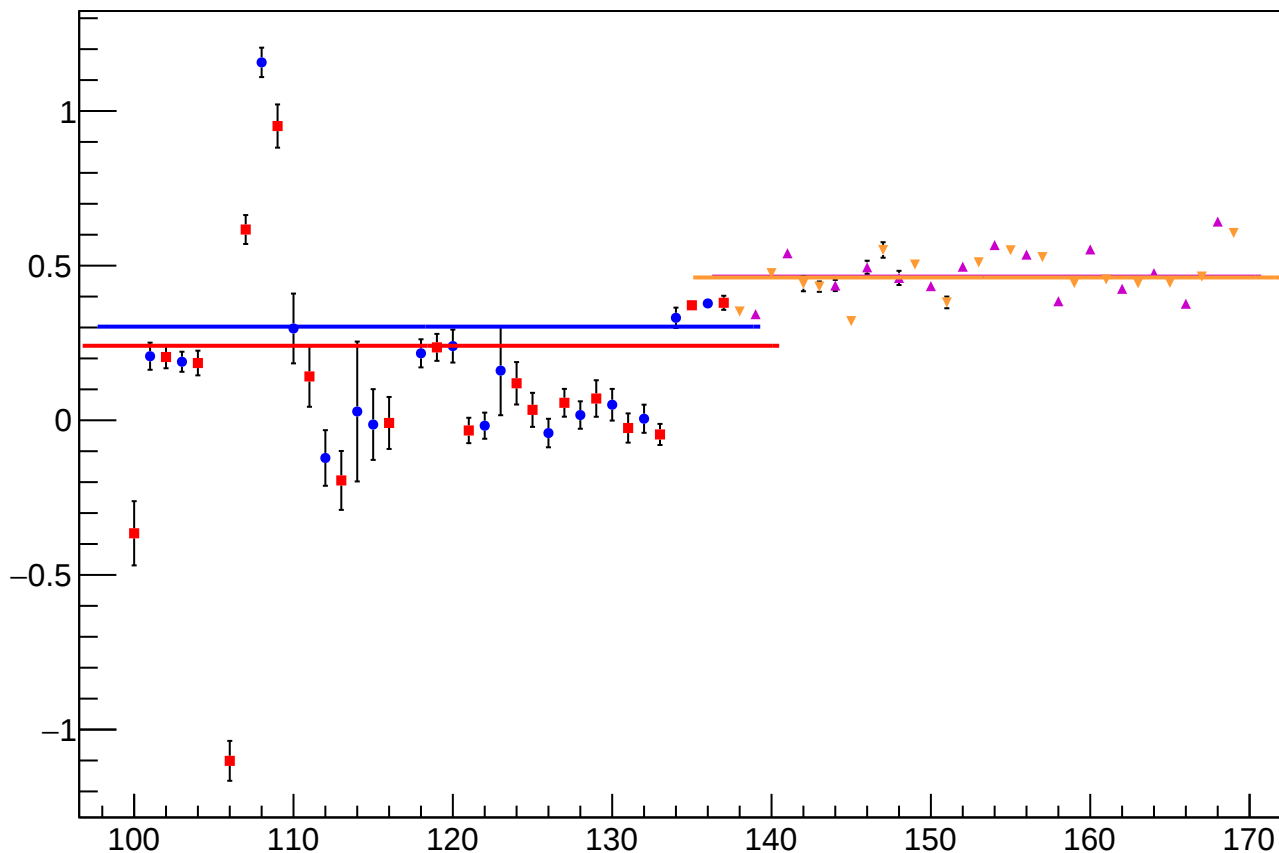
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 12.039 $\pm$ 0.072 χ^2 /NDF:5896.1/31

Out: 11.729 $\pm$ 0.069 χ^2 /NDF:5477.3/35

All: 11.878 $\pm$ 0.050 χ^2 /NDF: 11383.2/67

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.462 ± 0.003 χ^2/NDF : 388.4/16

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.465 ± 0.004 χ^2/NDF : 592.6/14

Left: 0.463 ± 0.002 χ^2/NDF : 981.3/31

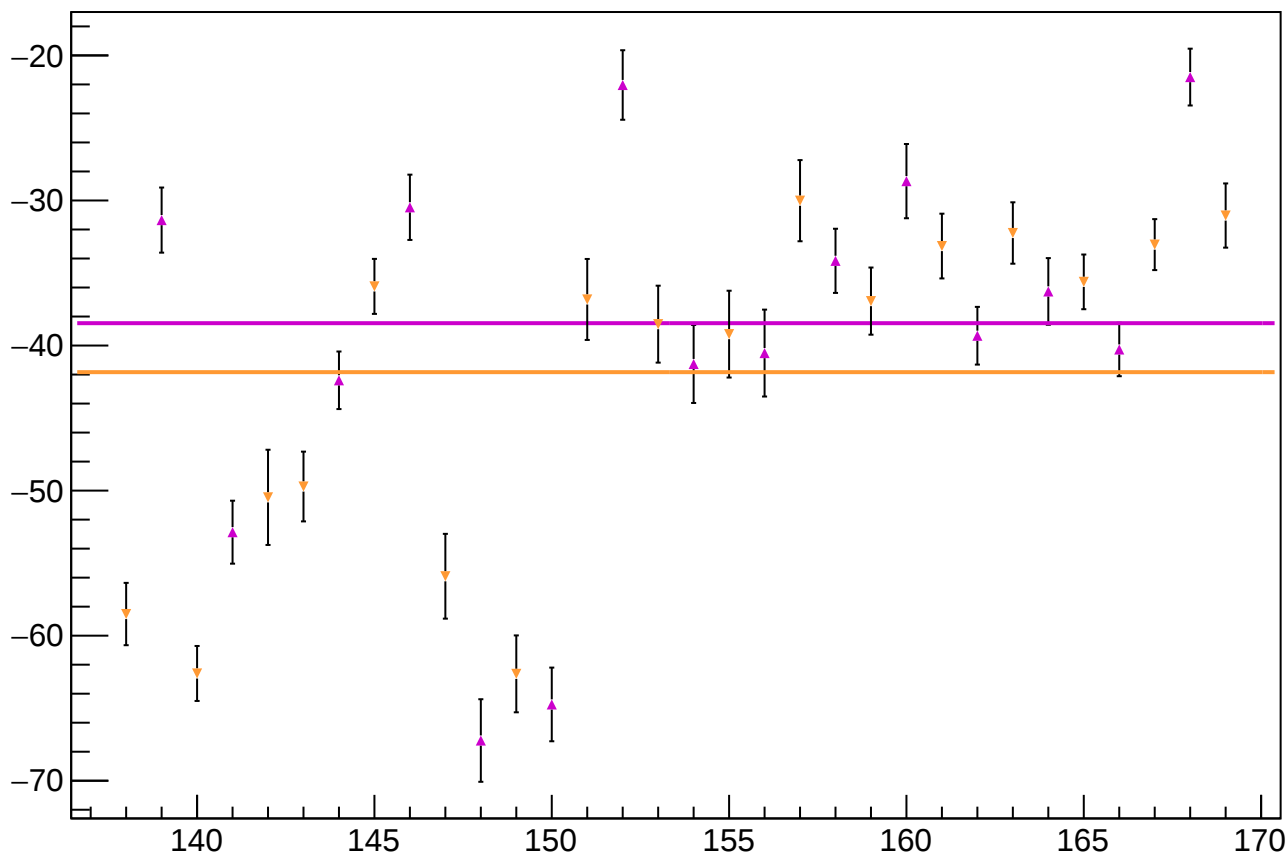
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.440 ± 0.003 χ^2/NDF : 1568.9/31

Out: 0.430 ± 0.003 χ^2/NDF : 1958.2/35

All: 0.435 ± 0.002 χ^2/NDF : 3531.1/67

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

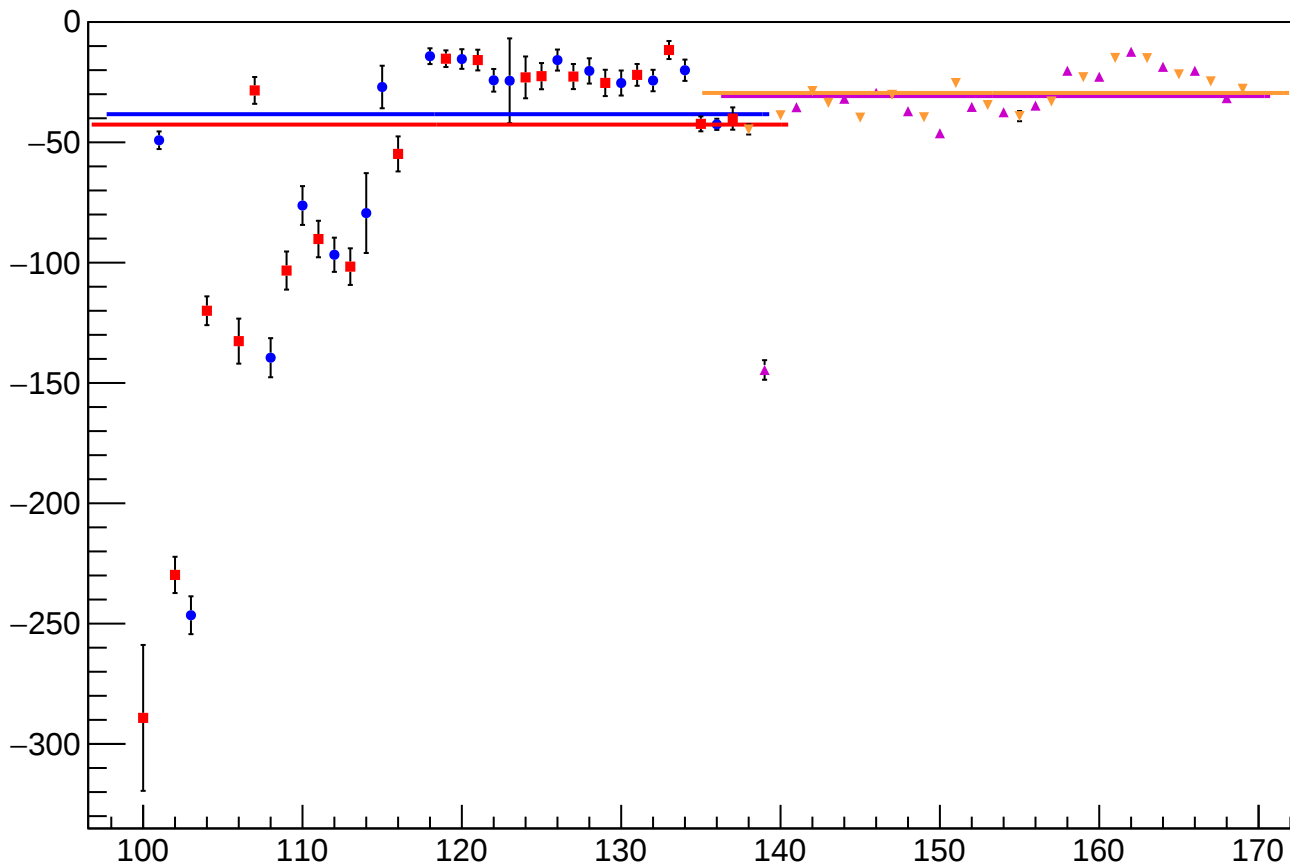
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -29.479 ± 0.404 $\chi^2/\text{NDF}: 432.0/16$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -30.779 ± 0.431 $\chi^2/\text{NDF}: 1203.2/14$

Left: -30.087 ± 0.295 $\chi^2/\text{NDF}: 1640.0/31$

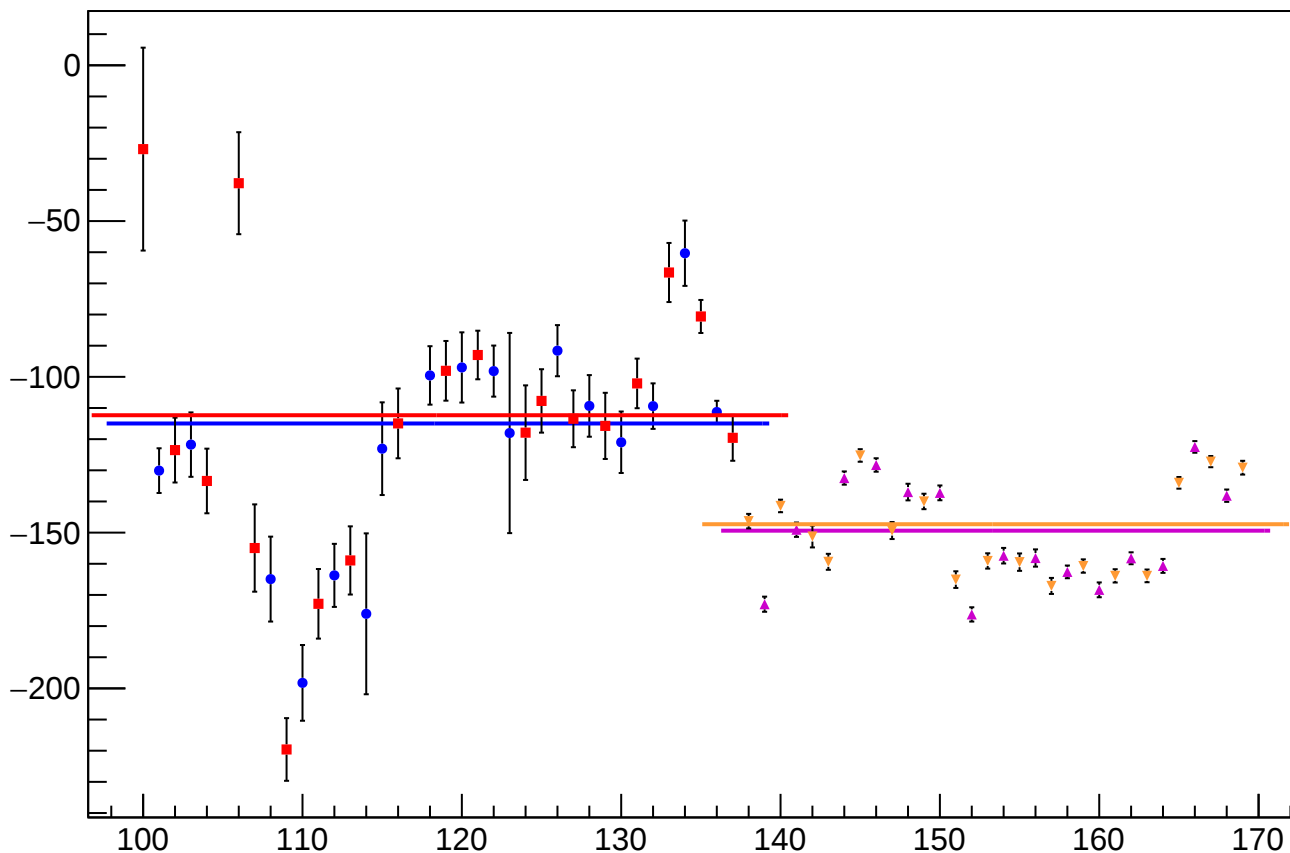
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -31.723 ± 0.403 $\chi^2/\text{NDF}: 2374.2/31$

Out: -30.803 ± 0.384 $\chi^2/\text{NDF}: 1882.8/35$

All: -31.240 ± 0.278 $\chi^2/\text{NDF}: 4259.7/67$

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: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -149.374 ± 0.575 $\chi^2/\text{NDF}: 849.3/14$

Left: -148.297 ± 0.399 $\chi^2/\text{NDF}: 1570.3/31$

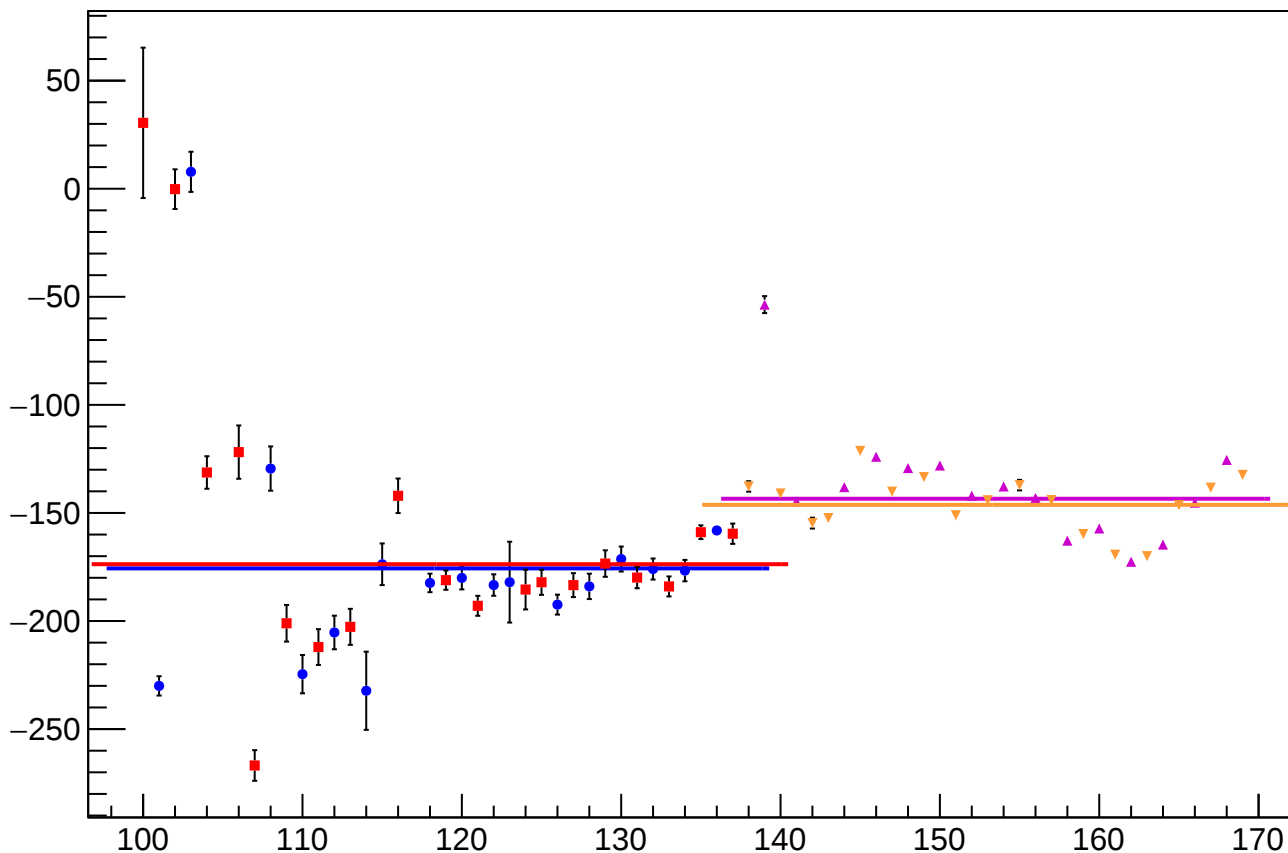
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -146.916 ± 0.555 $\chi^2/\text{NDF}: 1246.1/31$

Out: -145.229 ± 0.537 $\chi^2/\text{NDF}: 1225.1/35$

All: -146.045 ± 0.386 $\chi^2/\text{NDF}: 2475.9/67$

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: -173.714+/-1.354 χ^2/NDF : 738.0/18

Left In: -143.437+/-0.496 χ^2/NDF :1489.4/14

Left: -144.931+/-0.339 χ^2/NDF : 2356.4/31

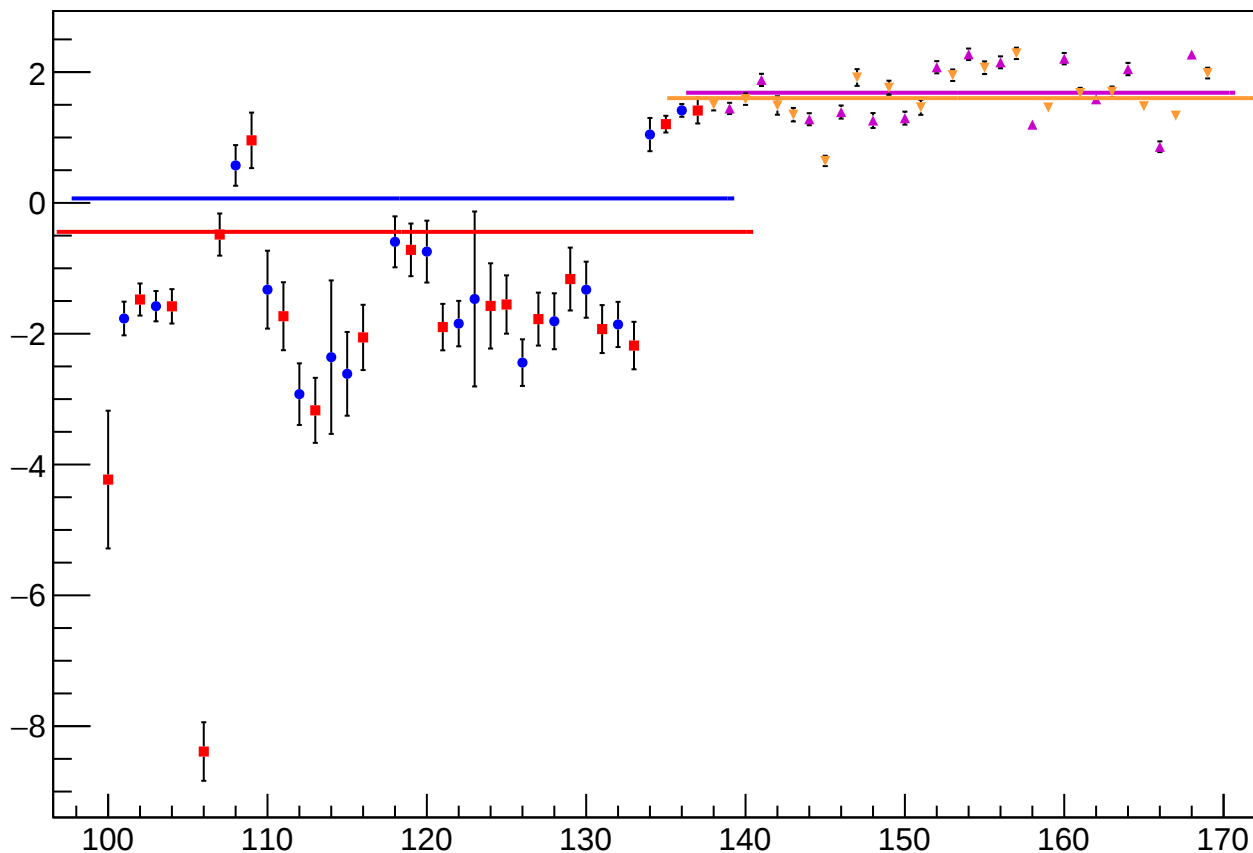
Right: -174.745+/-0.926 χ^2/NDF : 1431.2/35

In: -147.709+/-0.462 χ^2/NDF :2740.4/31

Out: -149.142+/-0.440 χ^2/NDF :1956.1/35

All: -148.461+/-0.319 χ^2/NDF : 4701.5/67

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: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

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

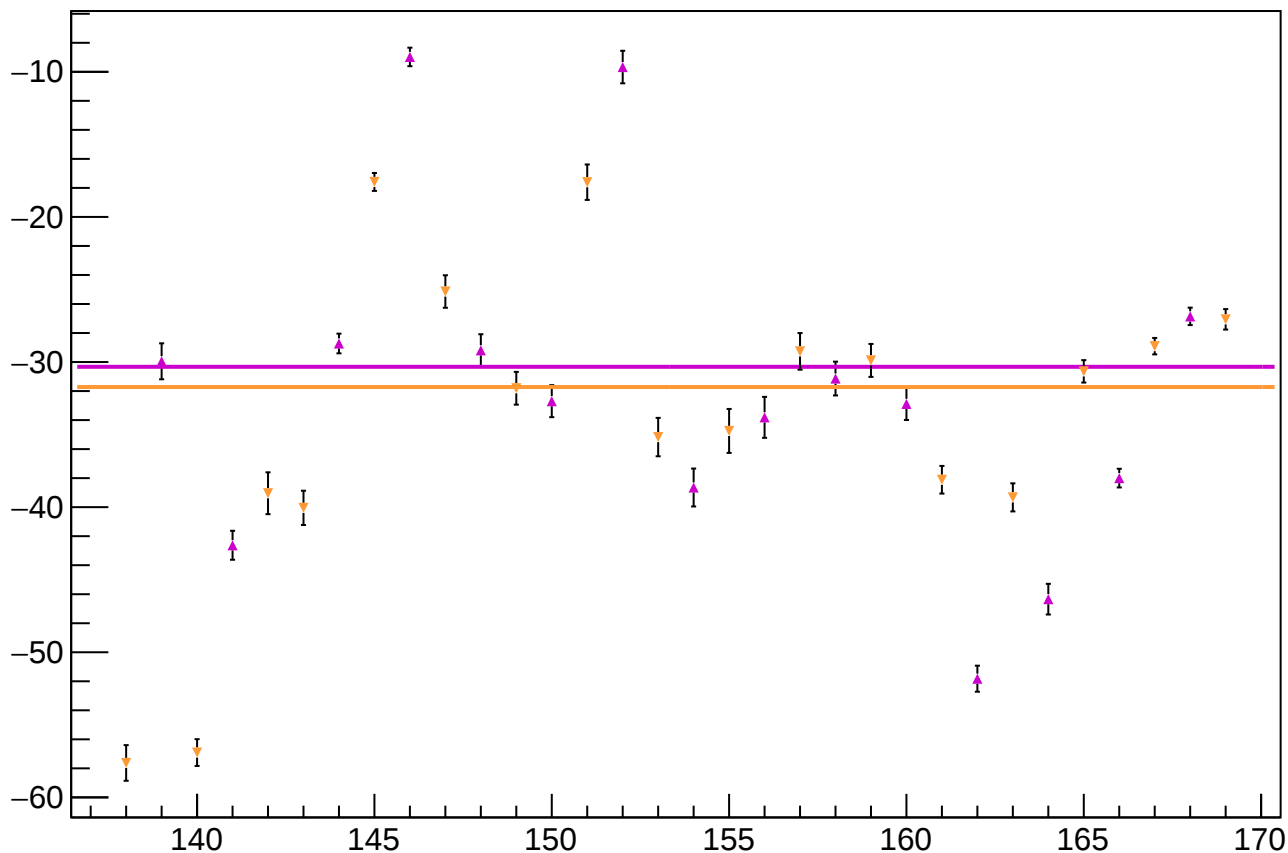
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.518 $\pm$ 0.021 χ^2 /NDF:1463.6/31

Out: 1.428 $\pm$ 0.021 χ^2 /NDF:1822.6/35

All: 1.471 $\pm$ 0.015 χ^2 /NDF: 3295.3/67

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

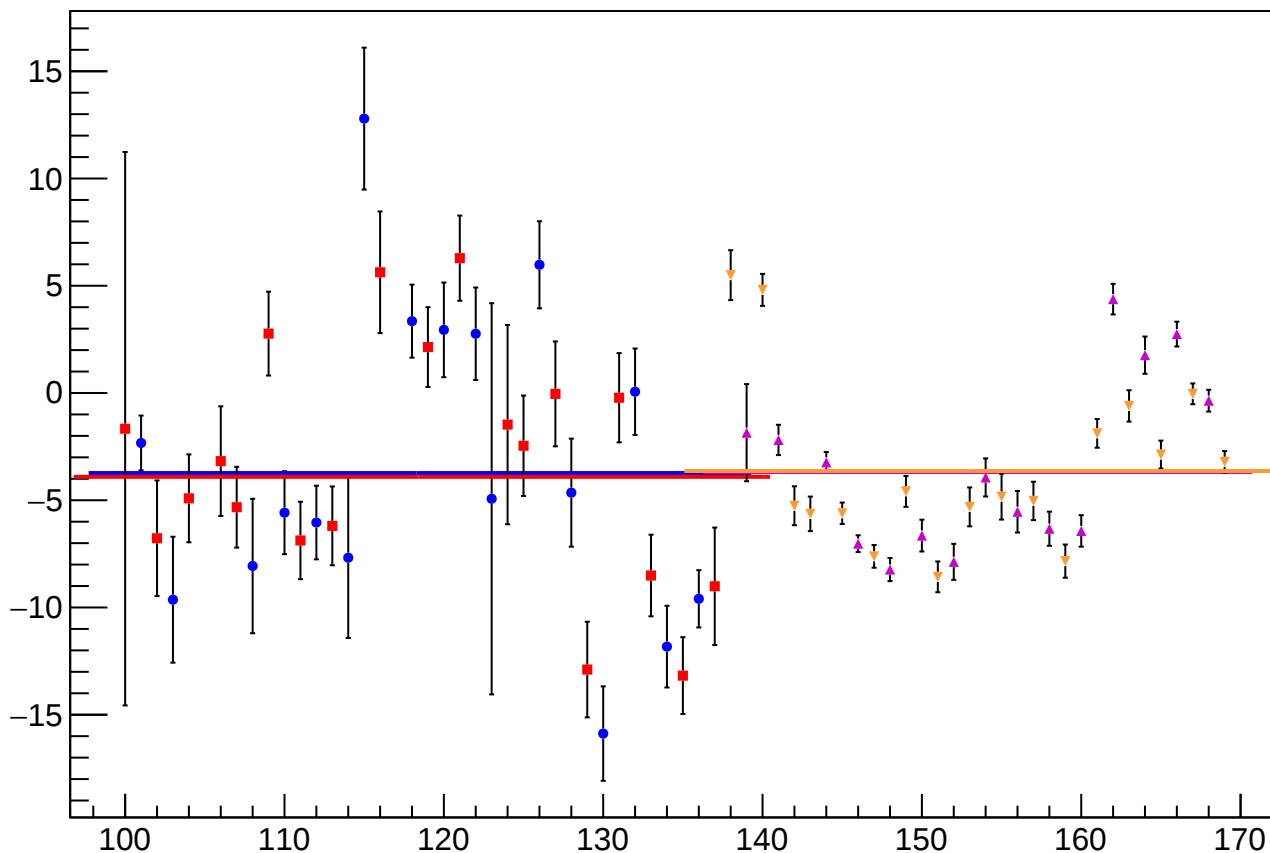
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -3.638 ± 0.166 $\chi^2/\text{NDF}: 437.9/16$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -3.685 ± 0.167 $\chi^2/\text{NDF}: 553.1/14$

Left: -3.661 ± 0.118 $\chi^2/\text{NDF}: 991.1/31$

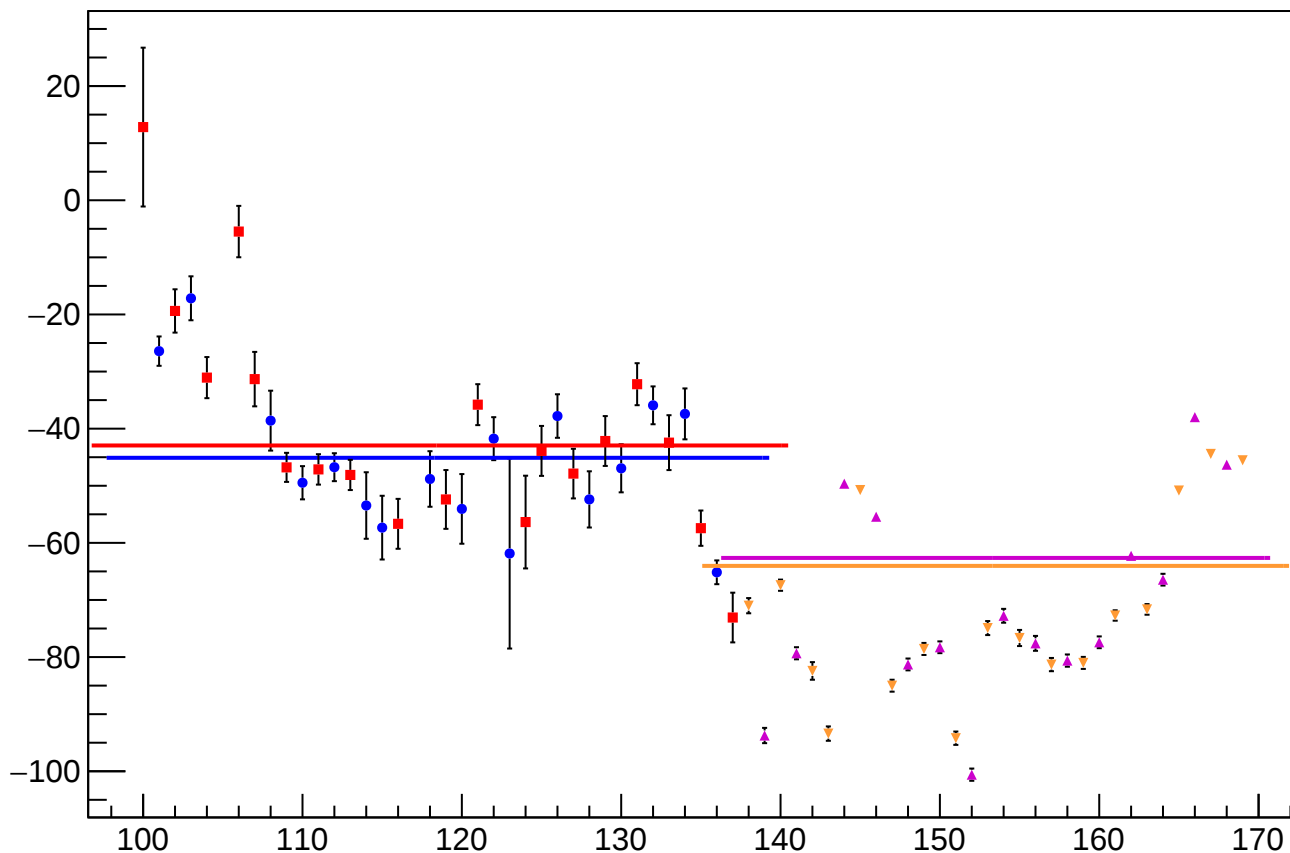
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -3.690 ± 0.159 $\chi^2/\text{NDF}: 719.0/31$

Out: -3.664 ± 0.157 $\chi^2/\text{NDF}: 563.0/35$

All: -3.677 ± 0.112 $\chi^2/\text{NDF}: 1282.0/67$

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: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -62.637 ± 0.229 χ^2/NDF : 5889.6/14

Left: -63.338 ± 0.161 χ^2/NDF : 11227.6/31

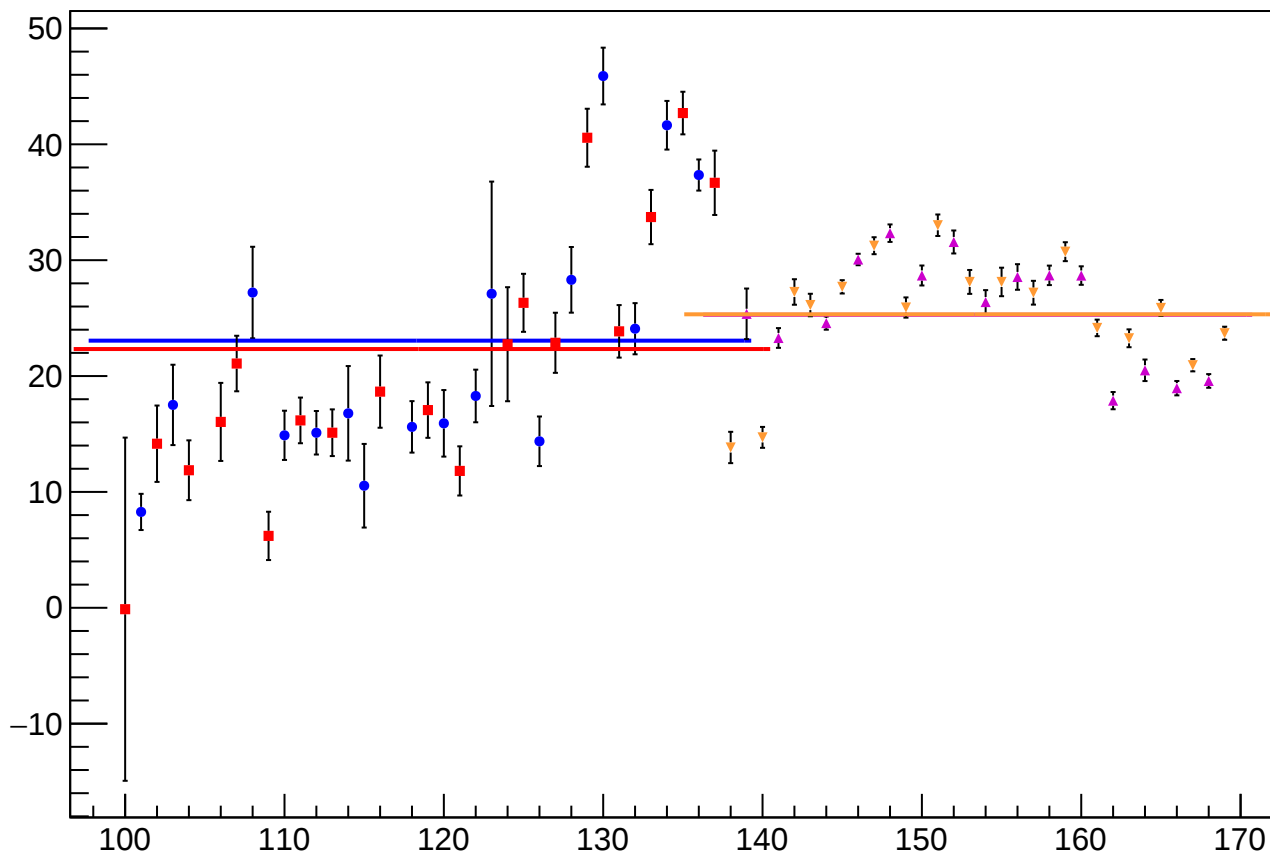
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -61.534 ± 0.221 χ^2/NDF : 6490.1/31

Out: -62.705 ± 0.220 χ^2/NDF : 6109.6/35

All: -62.123 ± 0.156 χ^2/NDF : 12613.8/67

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2/NDF : 461.1/16

Left Out: 25.329+/-0.191 χ^2/NDF : 512.8/16

Right Out: 22.331+/-0.572 χ^2/NDF : 371.1/18

Left In: 25.288+/-0.196 χ^2/NDF : 610.4/14

Left: 25.309+/-0.137 χ^2/NDF : 1123.3/31

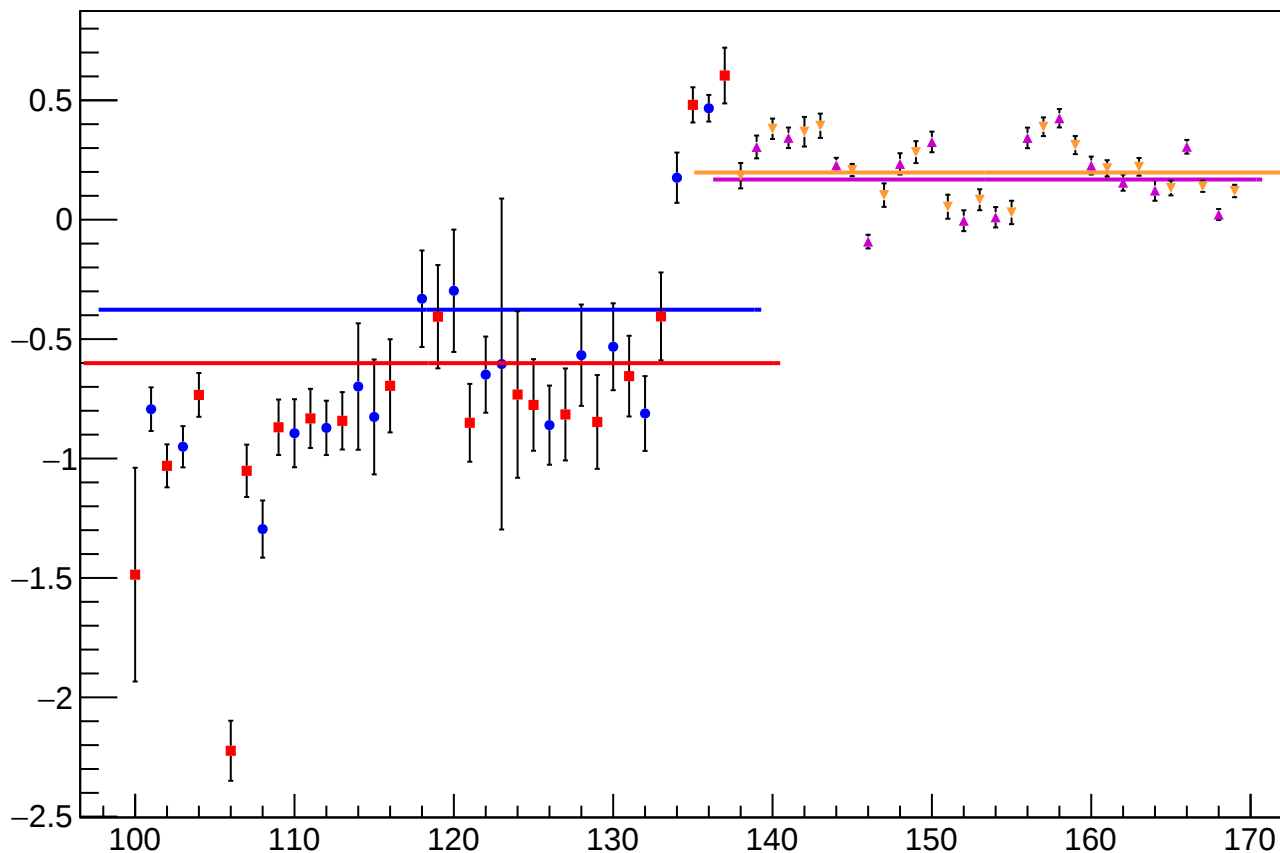
Right: 22.703+/-0.399 χ^2/NDF : 833.0/35

In: 25.042+/-0.185 χ^2/NDF : 1085.9/31

Out: 25.029+/-0.181 χ^2/NDF : 908.6/35

All: 25.035+/-0.129 χ^2/NDF : 1994.4/67

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.198 ± 0.009 χ^2/NDF : 127.7/16

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.168 ± 0.009 χ^2/NDF : 282.9/14

Left: 0.183 ± 0.006 χ^2/NDF : 415.8/31

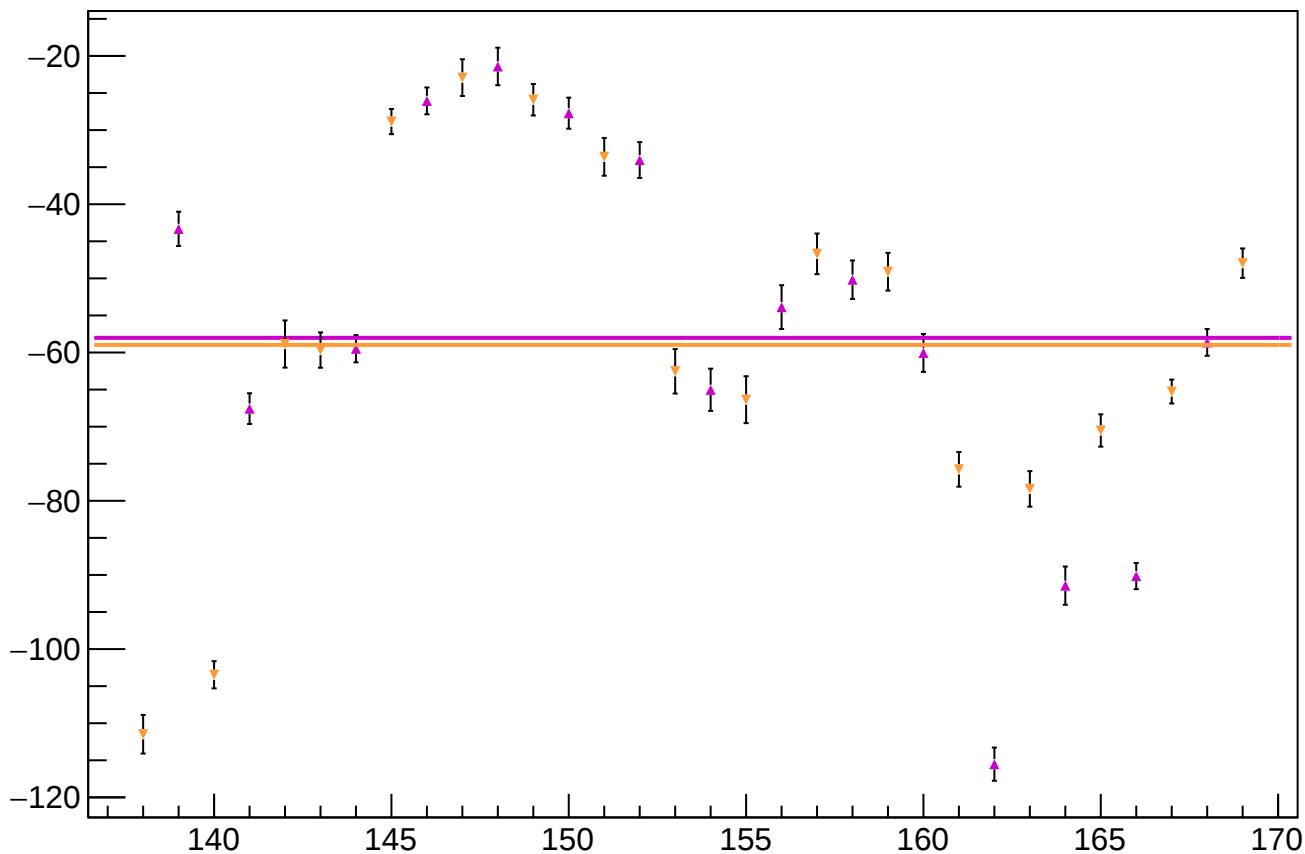
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.122 ± 0.009 χ^2/NDF : 1020.2/31

Out: 0.133 ± 0.009 χ^2/NDF : 1326.2/35

All: 0.128 ± 0.006 χ^2/NDF : 2347.2/67

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected

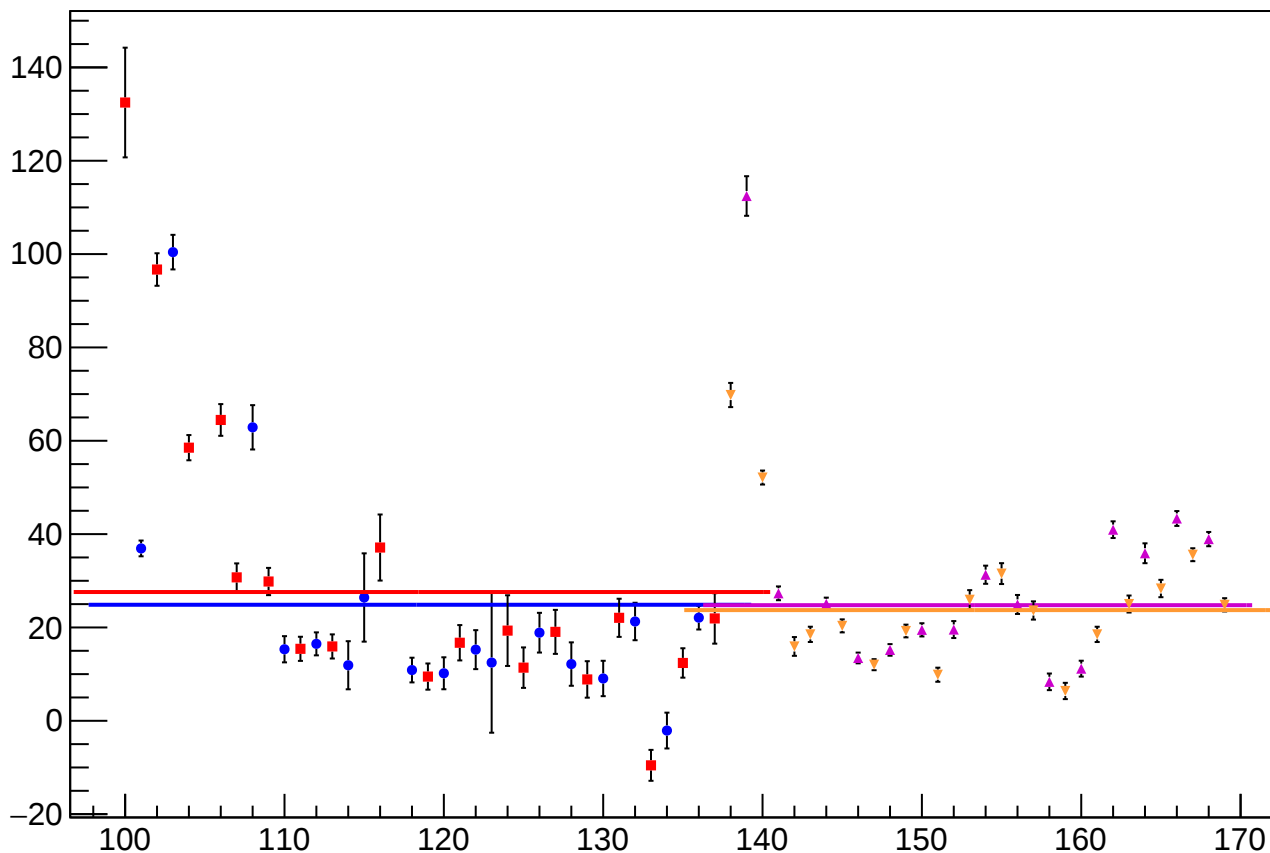


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.969+/-0.549 χ^2/NDF : 2098.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -58.024+/-0.569 χ^2/NDF : 2068.6/14

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

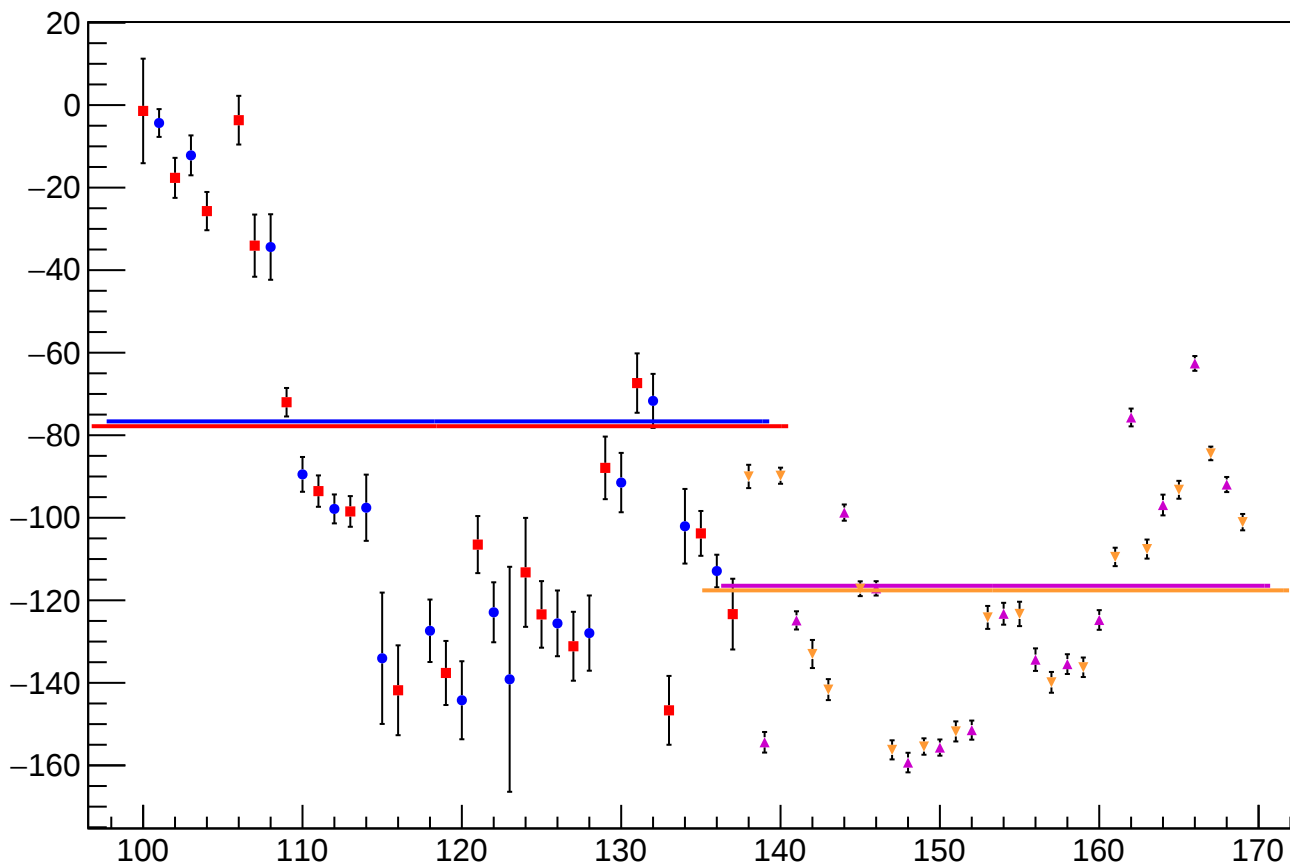
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 24.221 $\pm$ 0.286 χ^2/NDF : 2203.1/31
 Right: 26.215 $\pm$ 0.570 χ^2/NDF : 1707.7/35
 In: 24.794 $\pm$ 0.368 χ^2/NDF : 1790.0/31
 Out: 24.462 $\pm$ 0.355 χ^2/NDF : 2130.2/35
 All: 24.622 $\pm$ 0.256 χ^2/NDF : 3920.6/67

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: 27.593 $\pm$ 0.810 χ^2/NDF : 1010.9/18
 Left In: 24.776 $\pm$ 0.415 χ^2/NDF : 1099.0/14

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -117.592 ± 0.546 χ^2/NDF : 2030.4/16

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -116.475 ± 0.560 χ^2/NDF : 2905.2/14

Left: -117.047 ± 0.391 χ^2/NDF : 4937.7/31

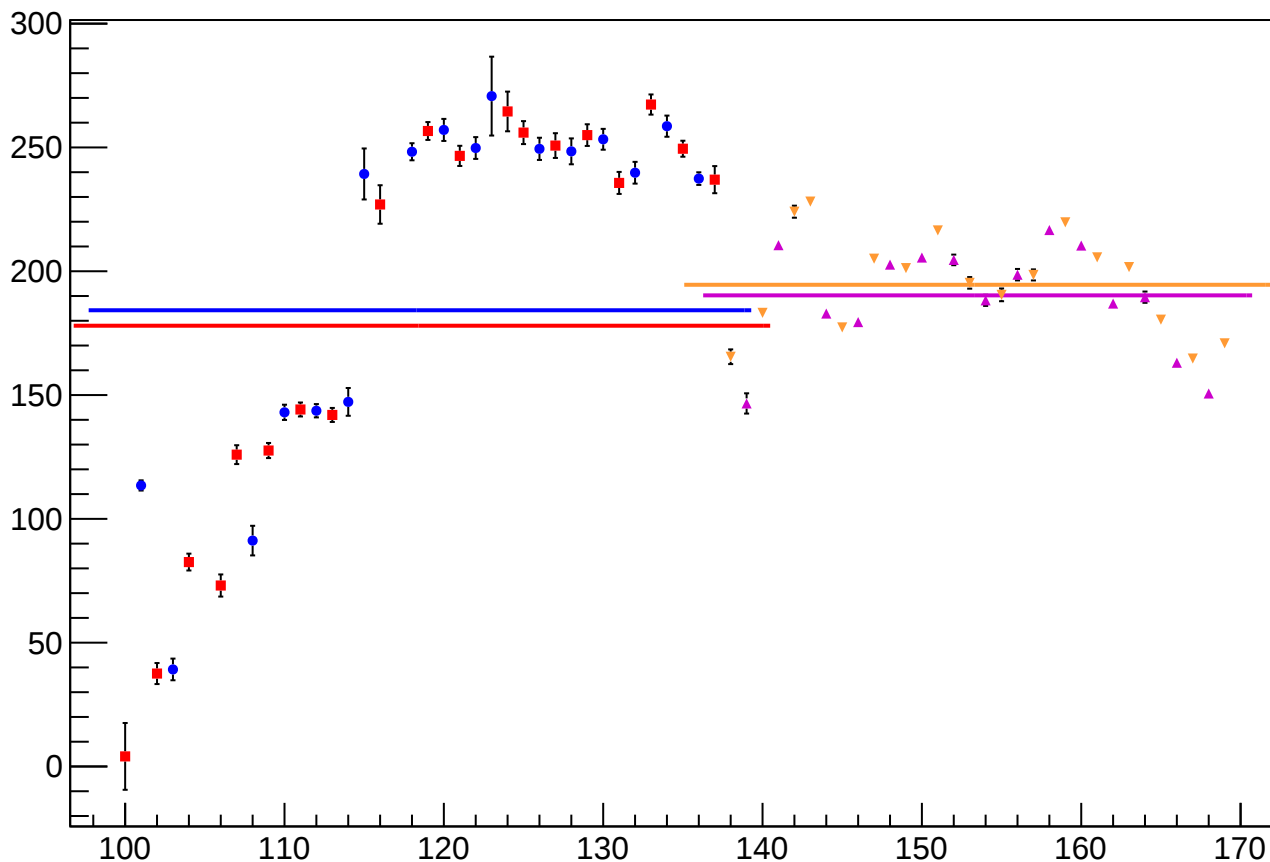
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -111.080 ± 0.521 χ^2/NDF : 4631.3/31

Out: -112.014 ± 0.506 χ^2/NDF : 3647.7/35

All: -111.560 ± 0.363 χ^2/NDF : 8280.7/67

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: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

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

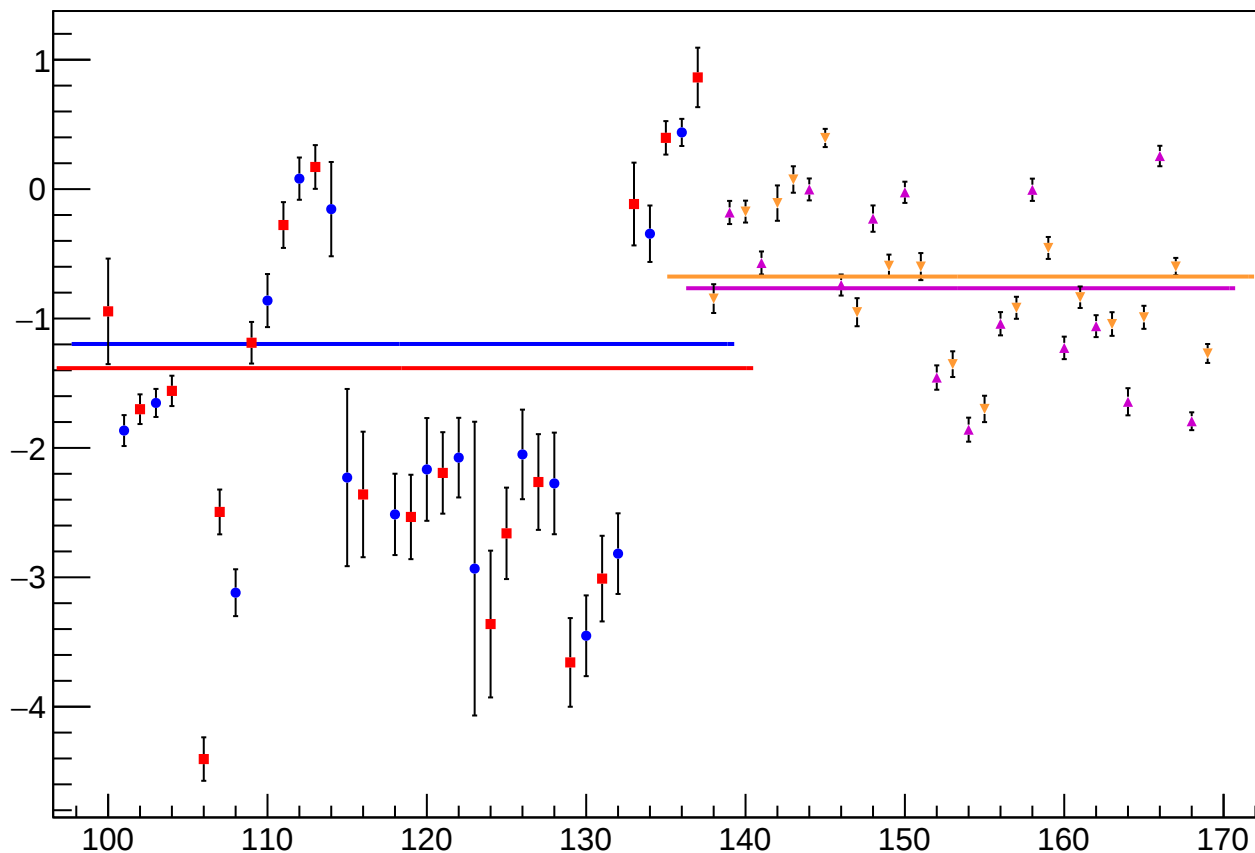
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 188.955 $\pm$ 0.427 χ^2 /NDF:7011.8/31

Out: 191.272 $\pm$ 0.410 χ^2 /NDF:8379.0/35

All: 190.158 $\pm$ 0.296 χ^2 /NDF: 15406.1/67

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: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.766 ± 0.022 χ^2/NDF : 1018.0/14

Left: -0.719 ± 0.015 χ^2/NDF : 1636.3/31

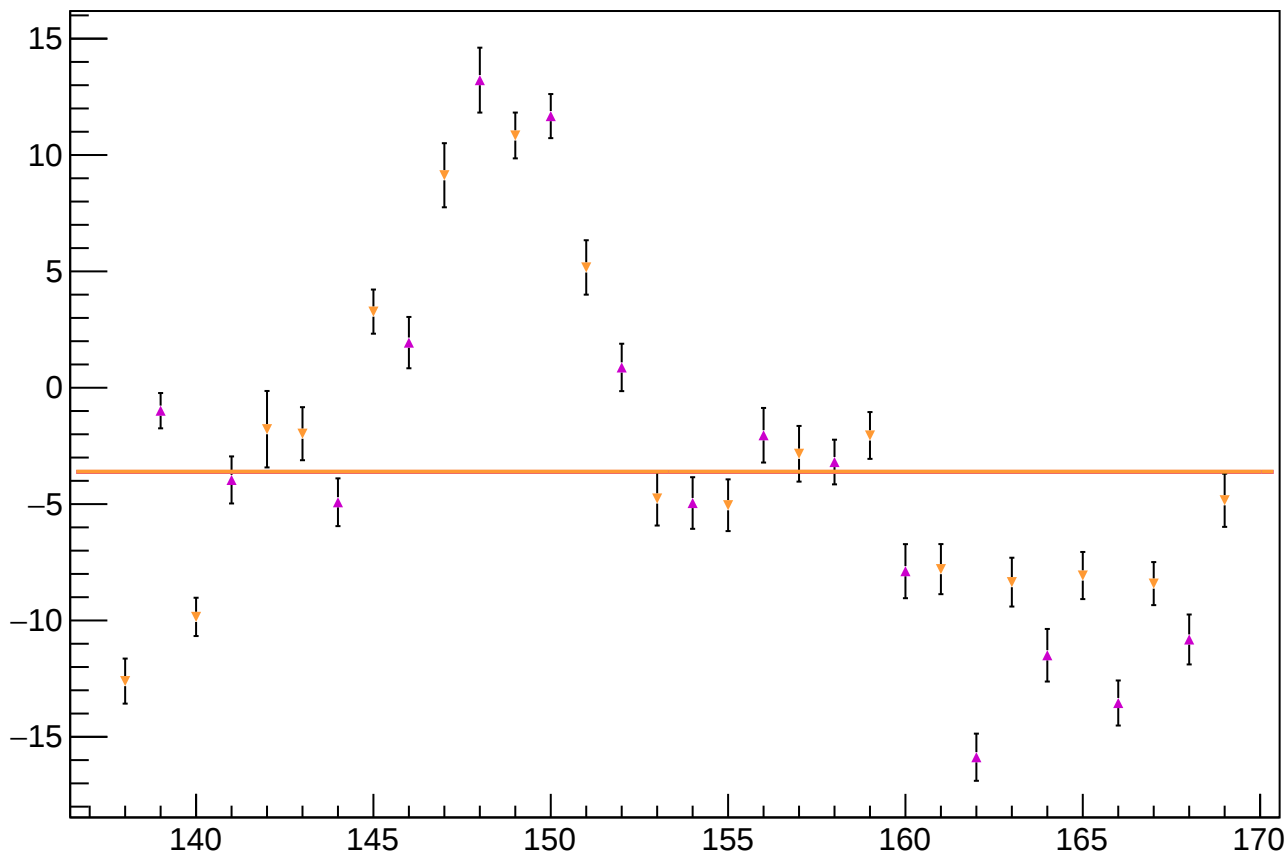
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.842 ± 0.020 χ^2/NDF : 1705.5/31

Out: -0.804 ± 0.019 χ^2/NDF : 1729.0/35

All: -0.822 ± 0.014 χ^2/NDF : 3436.4/67

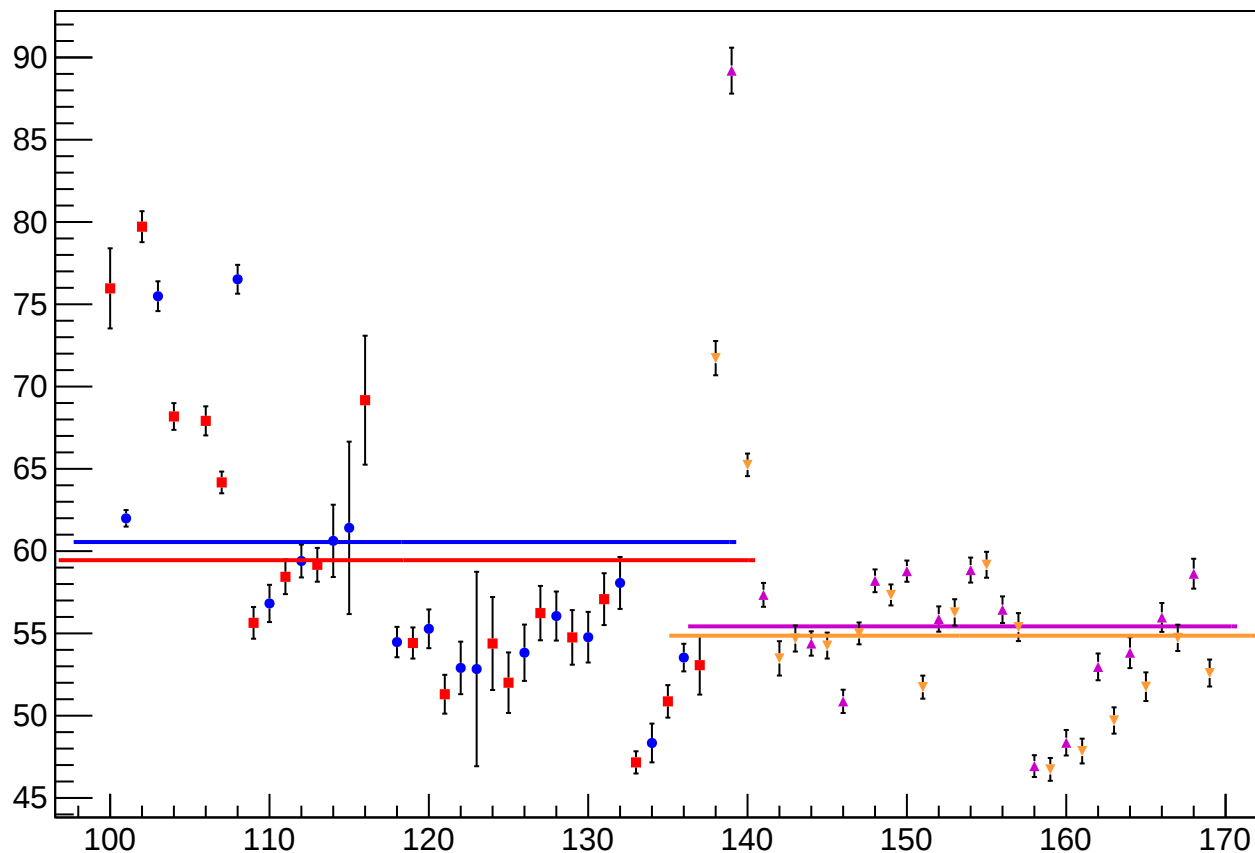
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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 χ^2/NDF : 931.0/16

Left Out: 54.861 ± 0.188 χ^2/NDF : 847.7/16

Right Out: 59.449 ± 0.248 χ^2/NDF : 1321.3/18

Left In: 55.427 ± 0.201 χ^2/NDF : 972.9/14

Left: 55.126 ± 0.137 χ^2/NDF : 1824.8/31

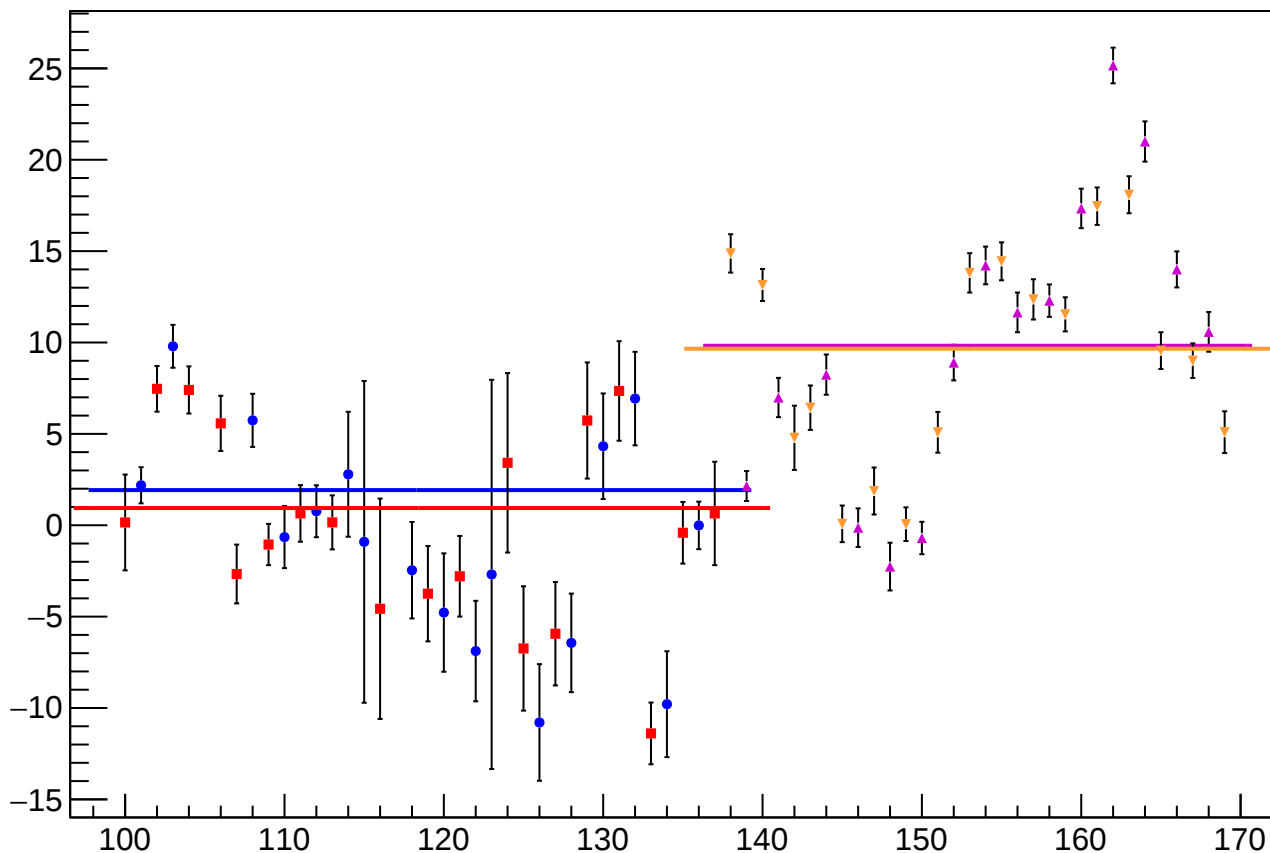
Right: 59.970 ± 0.180 χ^2/NDF : 2261.6/35

In: 57.327 ± 0.159 χ^2/NDF : 2145.1/31

Out: 56.540 ± 0.150 χ^2/NDF : 2386.6/35

All: 56.909 ± 0.109 χ^2/NDF : 4544.6/67

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: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.822 ± 0.261 $\chi^2/\text{NDF}: 858.4/14$

Left: 9.738 ± 0.183 $\chi^2/\text{NDF}: 1357.4/31$

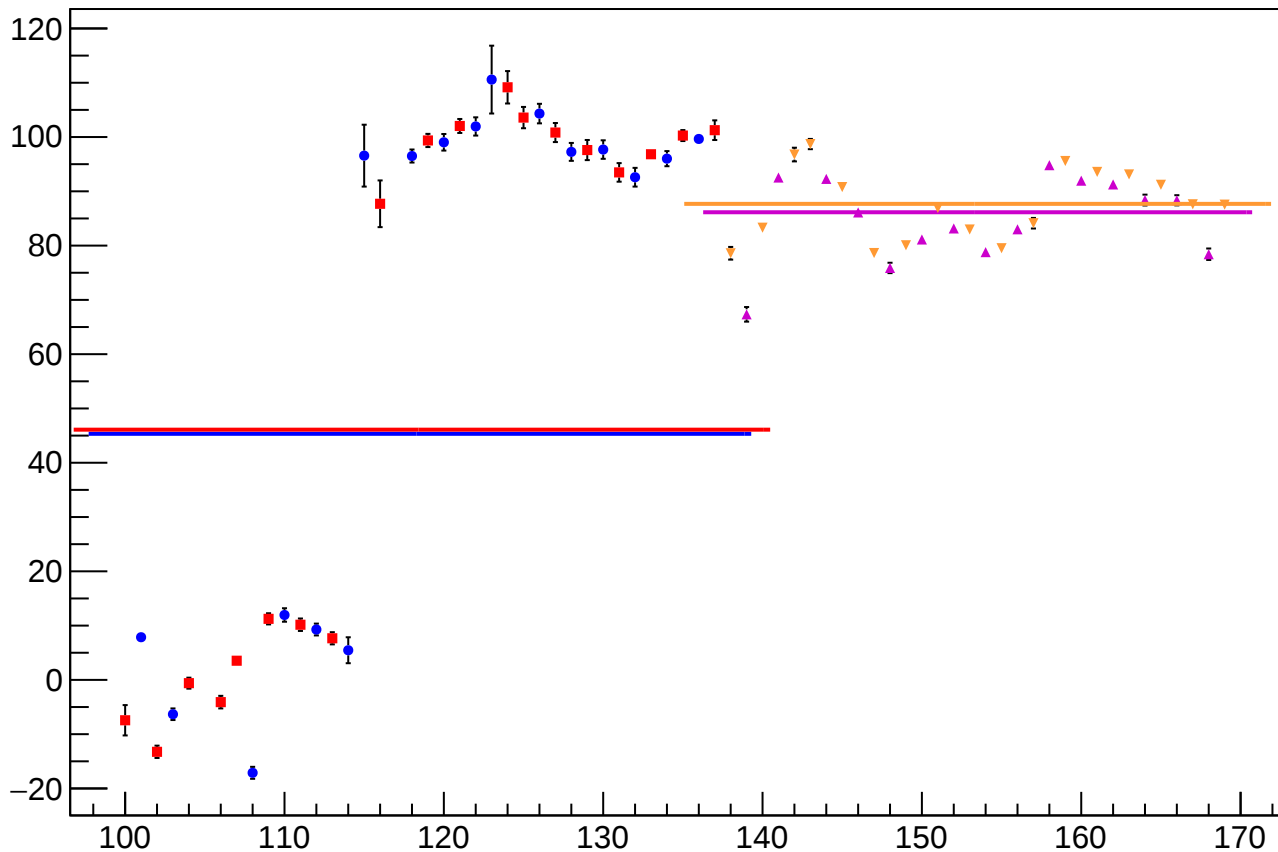
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.885 ± 0.227 $\chi^2/\text{NDF}: 1203.7/31$

Out: 7.340 ± 0.219 $\chi^2/\text{NDF}: 959.3/35$

All: 7.602 ± 0.157 $\chi^2/\text{NDF}: 2166.0/67$

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: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

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

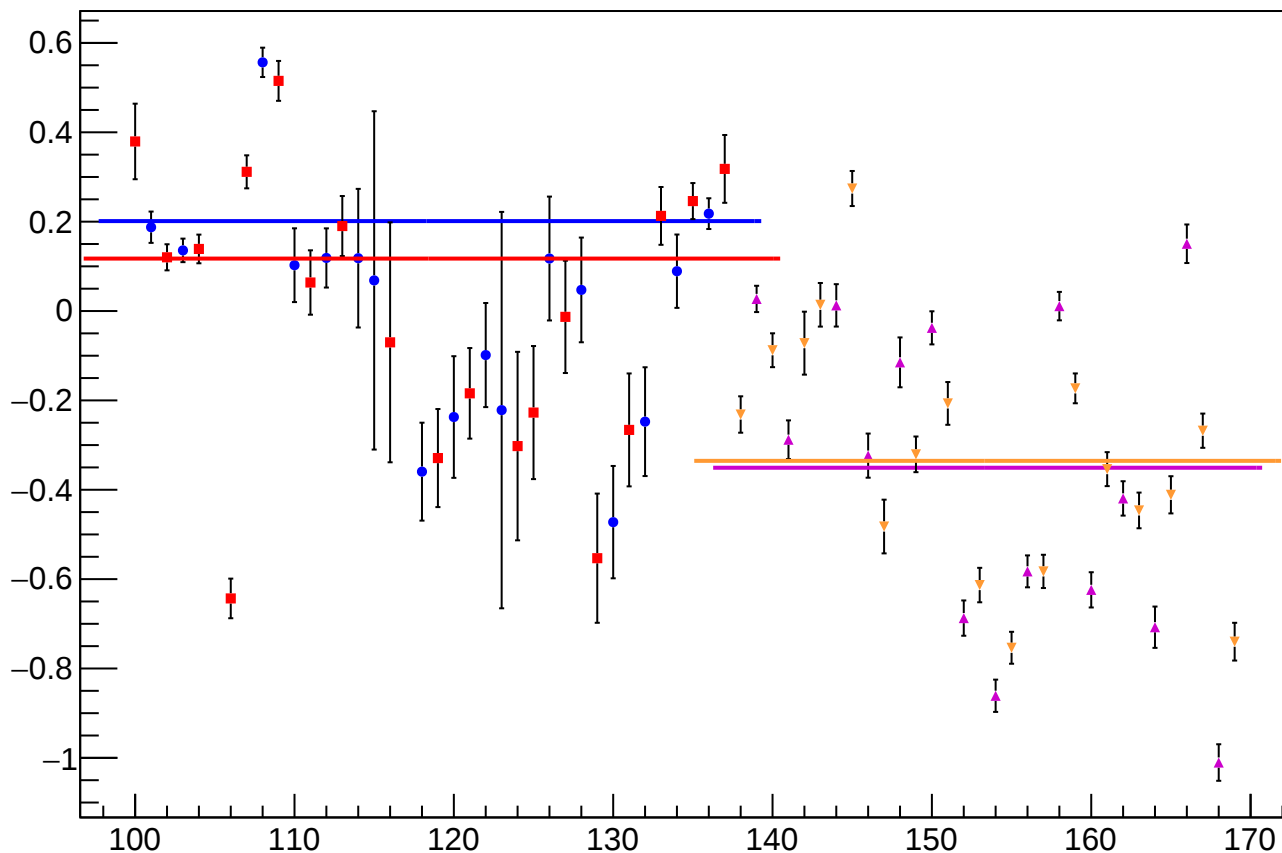
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 71.305 $\pm$ 0.183 χ^2 /NDF:37362.5/31

Out: 72.769 $\pm$ 0.173 χ^2 /NDF:42371.0/35

All: 72.077 $\pm$ 0.126 χ^2 /NDF: 79767.2/67

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: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.351 ± 0.010 χ^2/NDF : 1264.9/14

Left: -0.343 ± 0.007 χ^2/NDF : 1998.1/31

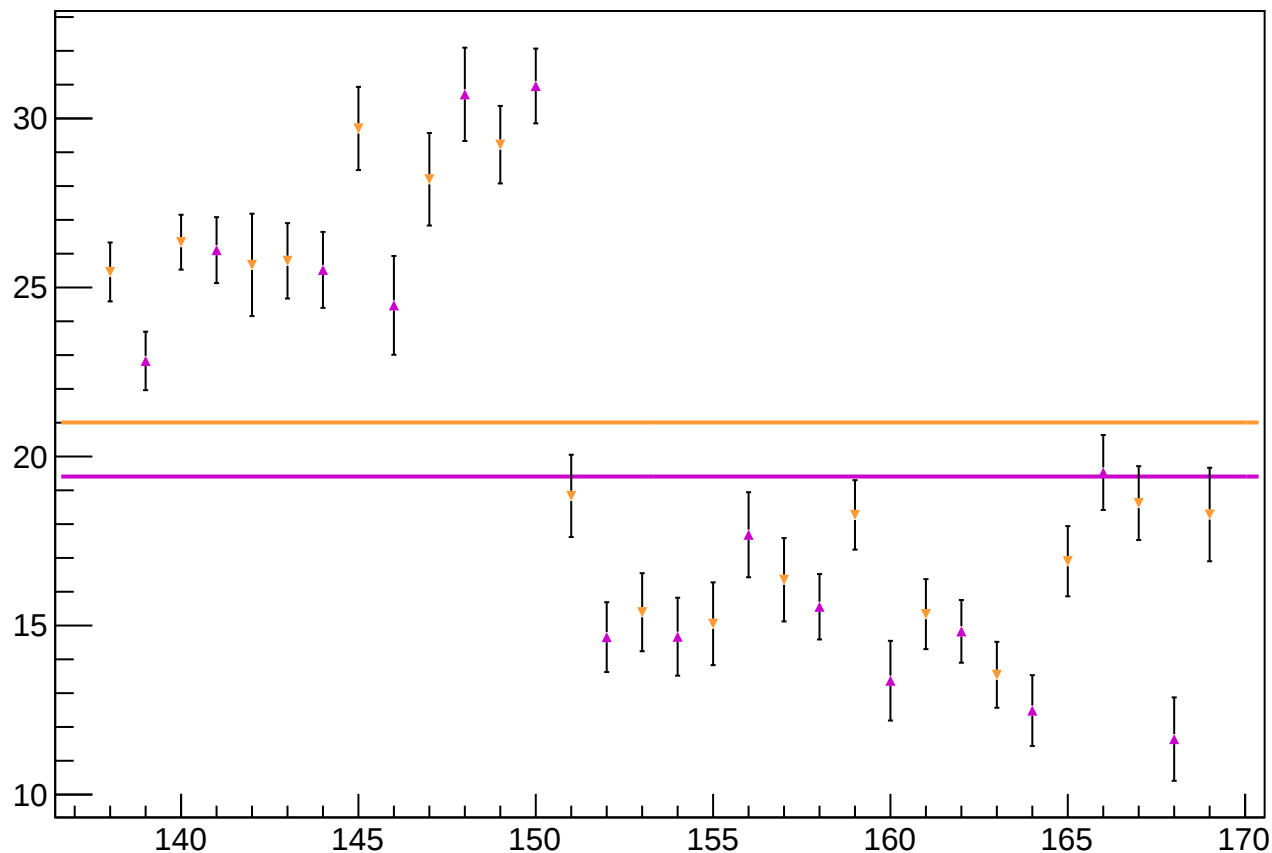
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.161 ± 0.008 χ^2/NDF : 2496.8/31

Out: -0.169 ± 0.008 χ^2/NDF : 1995.5/35

All: -0.165 ± 0.006 χ^2/NDF : 4492.8/67

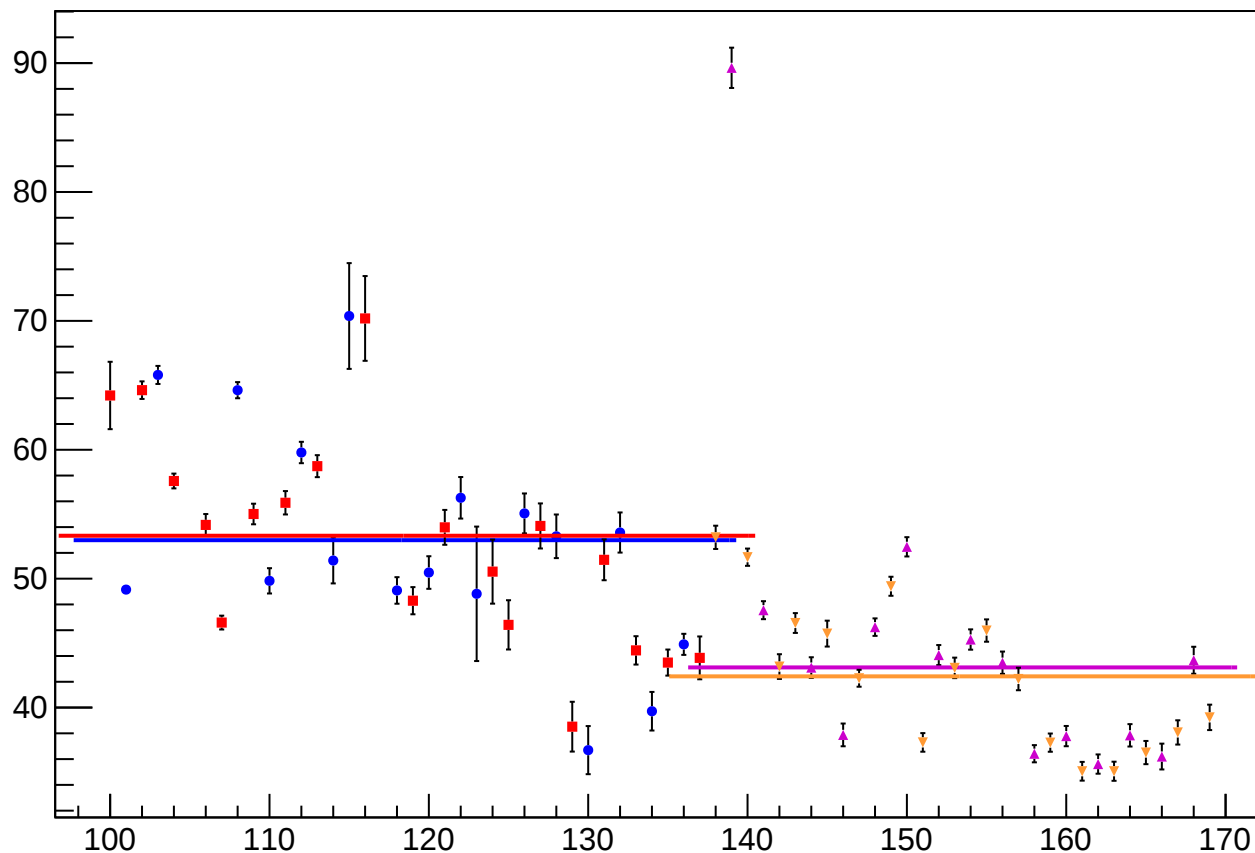
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.007 $\pm$ 0.267 χ^2 /NDF:410.7/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.408 $\pm$ 0.281 χ^2 /NDF:470.4/14

Left: 20.248 $\pm$ 0.194 χ^2 /NDF: 898.1/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.408 $\pm$ 0.281 χ^2 /NDF:470.4/14
 Out: 21.007 $\pm$ 0.267 χ^2 /NDF:410.7/16
 All: 20.248 $\pm$ 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: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

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

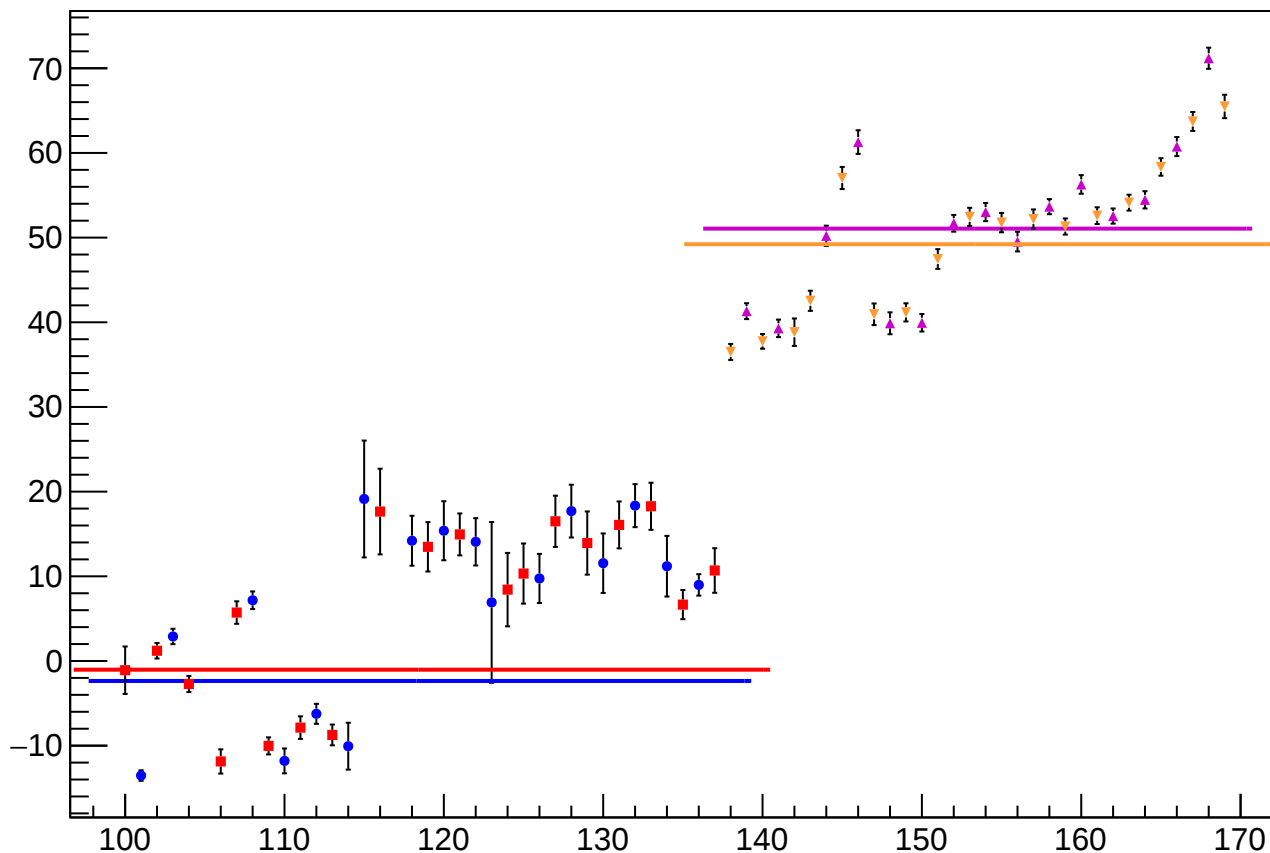
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 48.033 $\pm$ 0.148 χ^2 /NDF: 3783.3/31

Out: 47.031 $\pm$ 0.147 χ^2 /NDF: 3073.2/35

All: 47.528 $\pm$ 0.105 χ^2 /NDF: 6879.5/67

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: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 51.060 ± 0.276 χ^2/NDF : 865.7/14

Left: 50.103 ± 0.191 χ^2/NDF : 1904.6/31

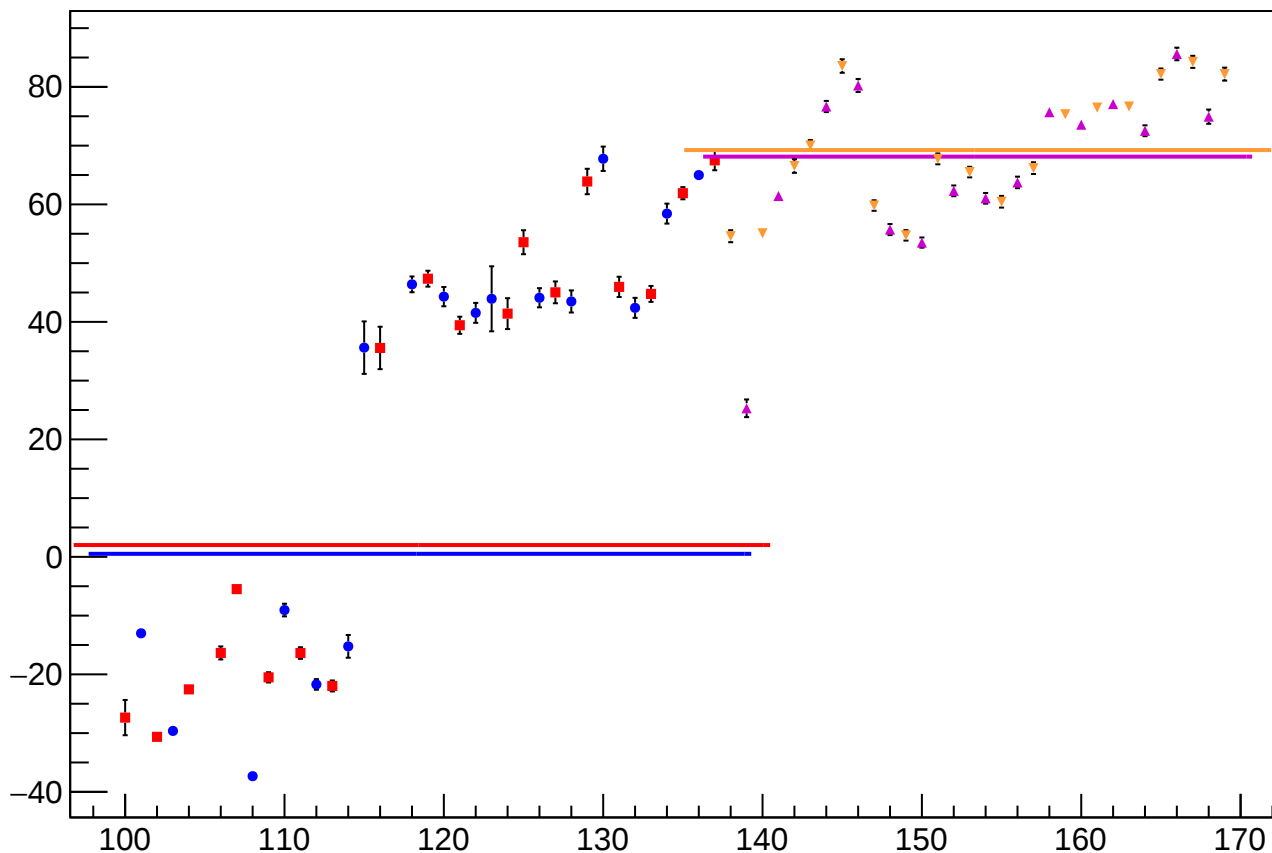
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 31.605 ± 0.220 χ^2/NDF : 15387.5/31

Out: 32.625 ± 0.217 χ^2/NDF : 13435.1/35

All: 32.122 ± 0.154 χ^2/NDF : 28833.5/67

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: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 68.131 ± 0.239 χ^2/NDF : 2262.9/14

Left: 68.727 ± 0.163 χ^2/NDF : 4209.7/31

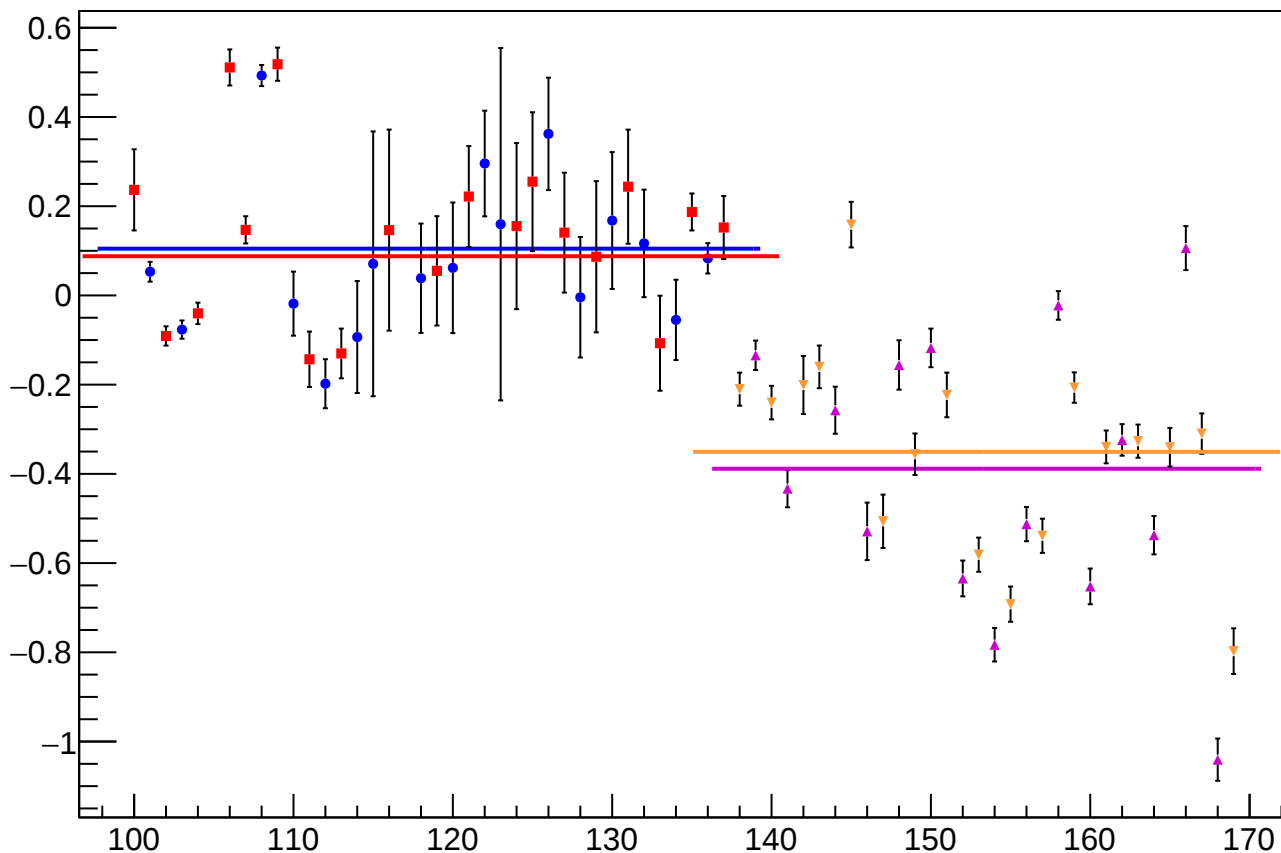
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 35.365 ± 0.172 χ^2/NDF : 59291.1/31

Out: 41.485 ± 0.171 χ^2/NDF : 54818.3/35

All: 38.439 ± 0.121 χ^2/NDF : 114745.9/67

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: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.389 ± 0.011 $\chi^2/\text{NDF}: 765.5/14$

Left: -0.369 ± 0.007 $\chi^2/\text{NDF}: 1159.1/31$

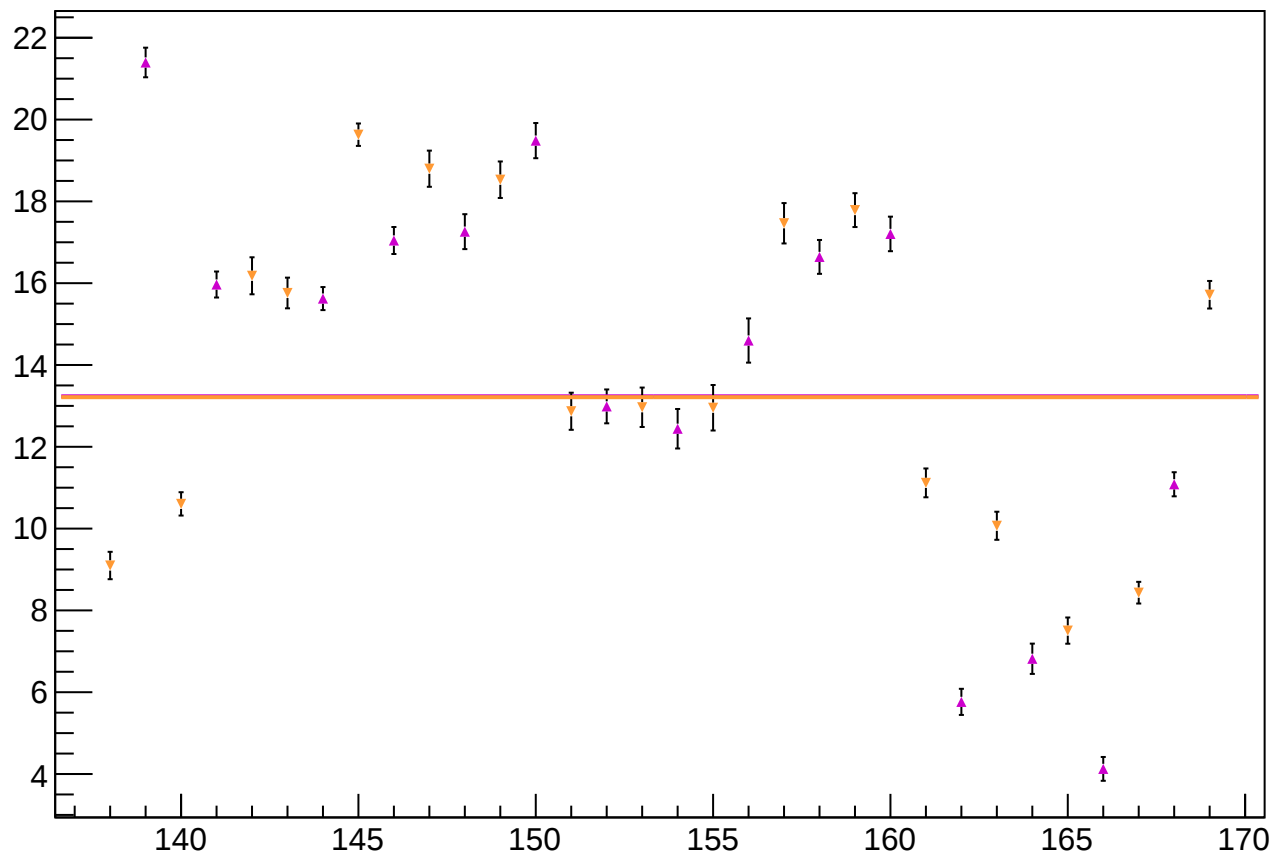
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.150 ± 0.008 $\chi^2/\text{NDF}: 2197.4/31$

Out: -0.145 ± 0.008 $\chi^2/\text{NDF}: 1621.8/35$

All: -0.147 ± 0.005 $\chi^2/\text{NDF}: 3819.4/67$

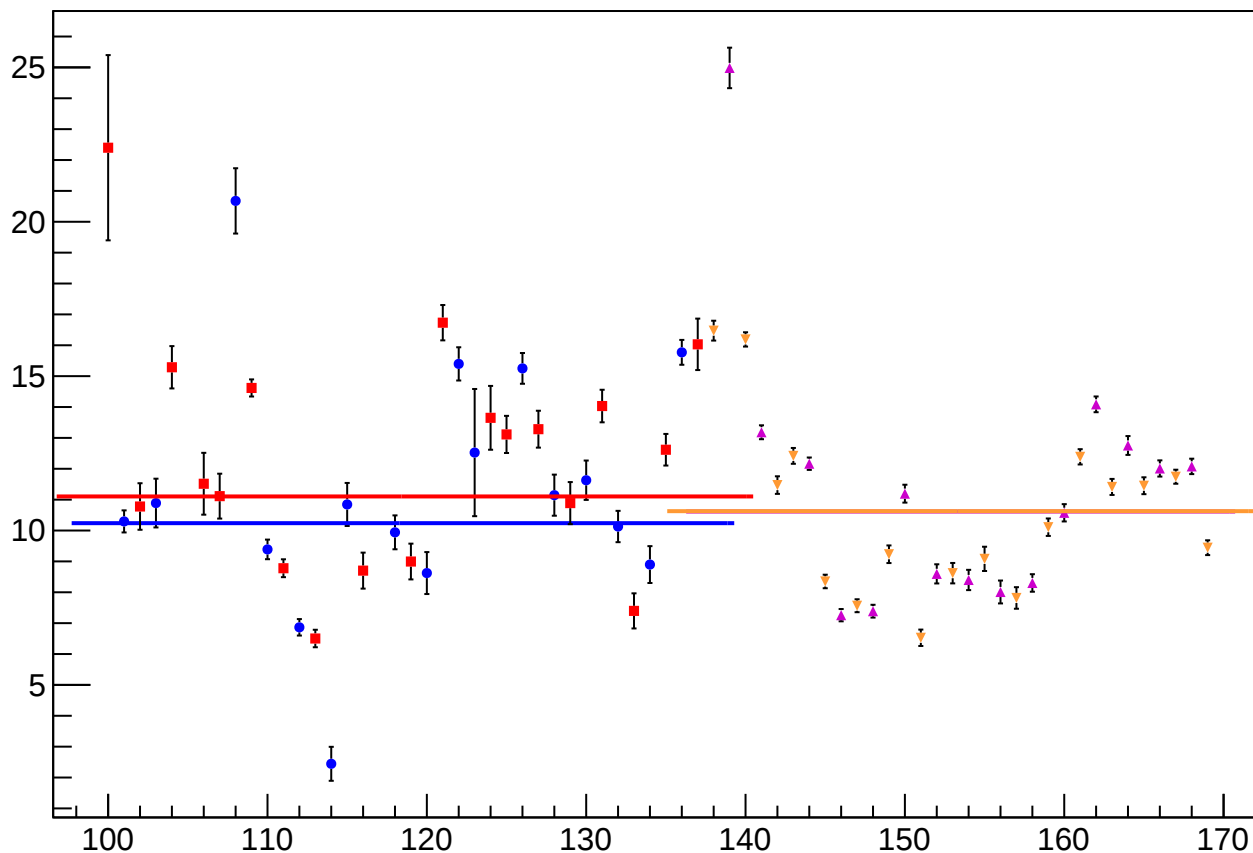
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.627+/-0.064 χ^2/NDF :1787.3/16

Right Out: 11.104+/-0.116 χ^2/NDF : 815.2/18

Left In: 10.615+/-0.068 χ^2/NDF :1700.4/14

Left: 10.621+/-0.047 χ^2/NDF : 3487.7/31

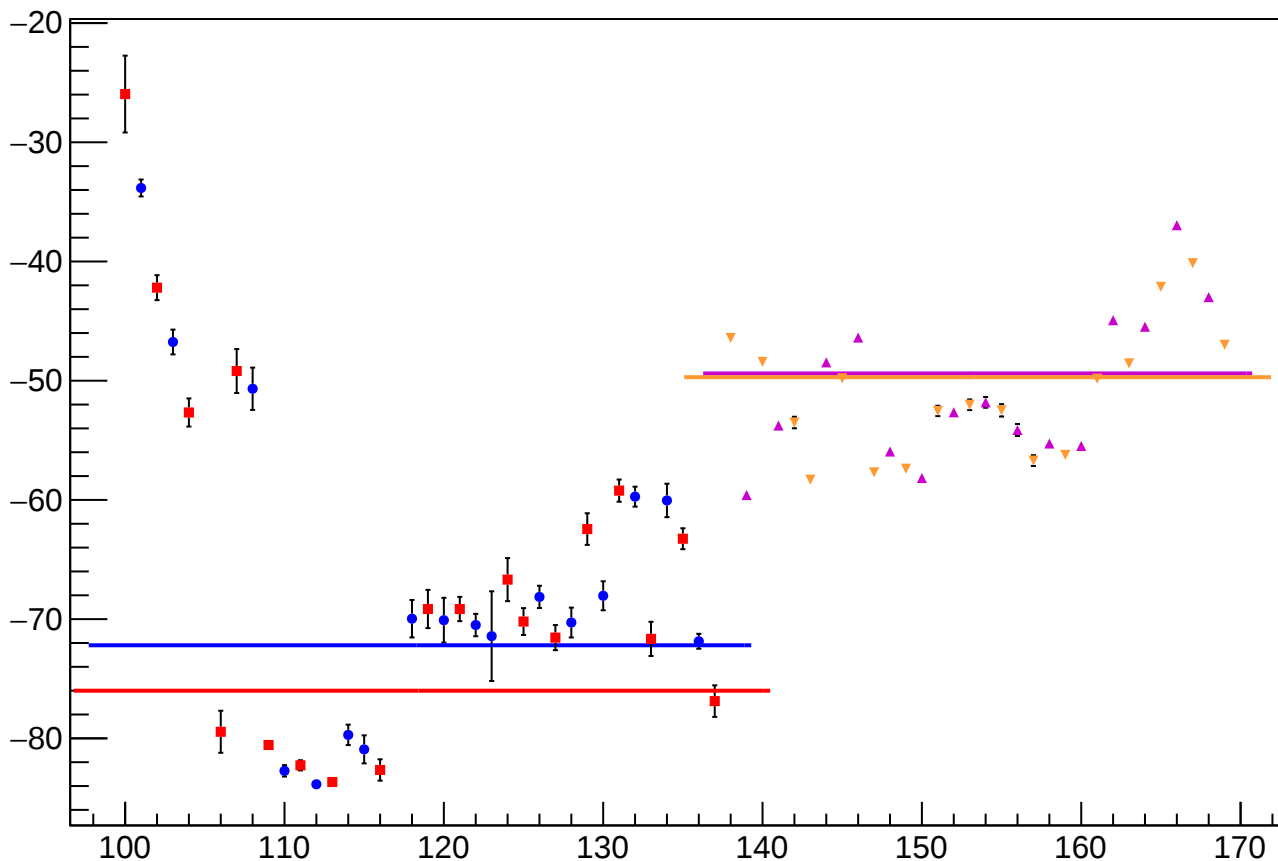
Right: 10.681+/-0.083 χ^2/NDF : 1709.6/35

In: 10.523+/-0.059 χ^2/NDF :2575.4/31

Out: 10.738+/-0.056 χ^2/NDF :2615.4/35

All: 10.636+/-0.041 χ^2/NDF : 5197.7/67

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -49.704 ± 0.088 χ^2/NDF : 3845.5/16

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -49.390 ± 0.092 χ^2/NDF : 4900.1/14

Left: -49.553 ± 0.064 χ^2/NDF : 8751.7/31

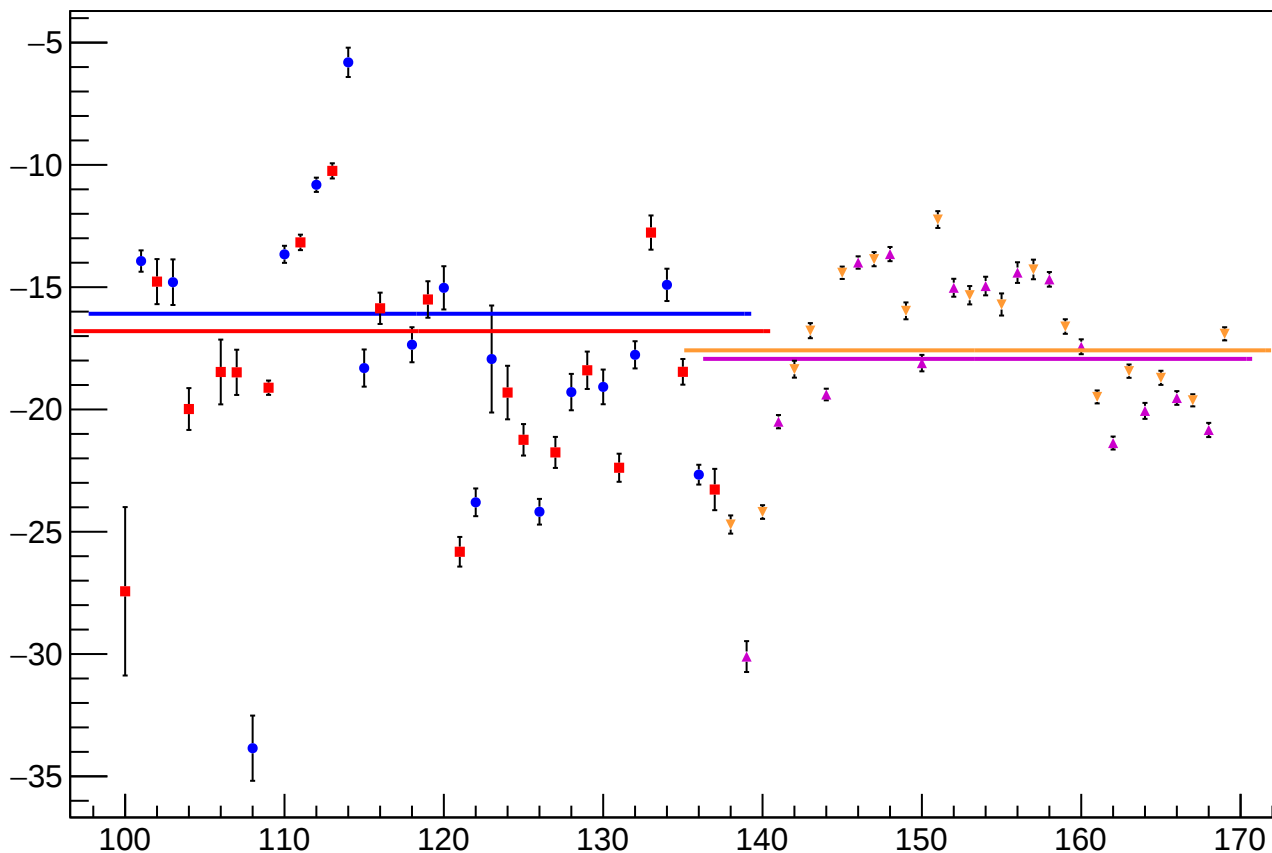
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -53.434 ± 0.083 χ^2/NDF : 21358.5/31

Out: -54.769 ± 0.079 χ^2/NDF : 24366.6/35

All: -54.134 ± 0.058 χ^2/NDF : 45859.5/67

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

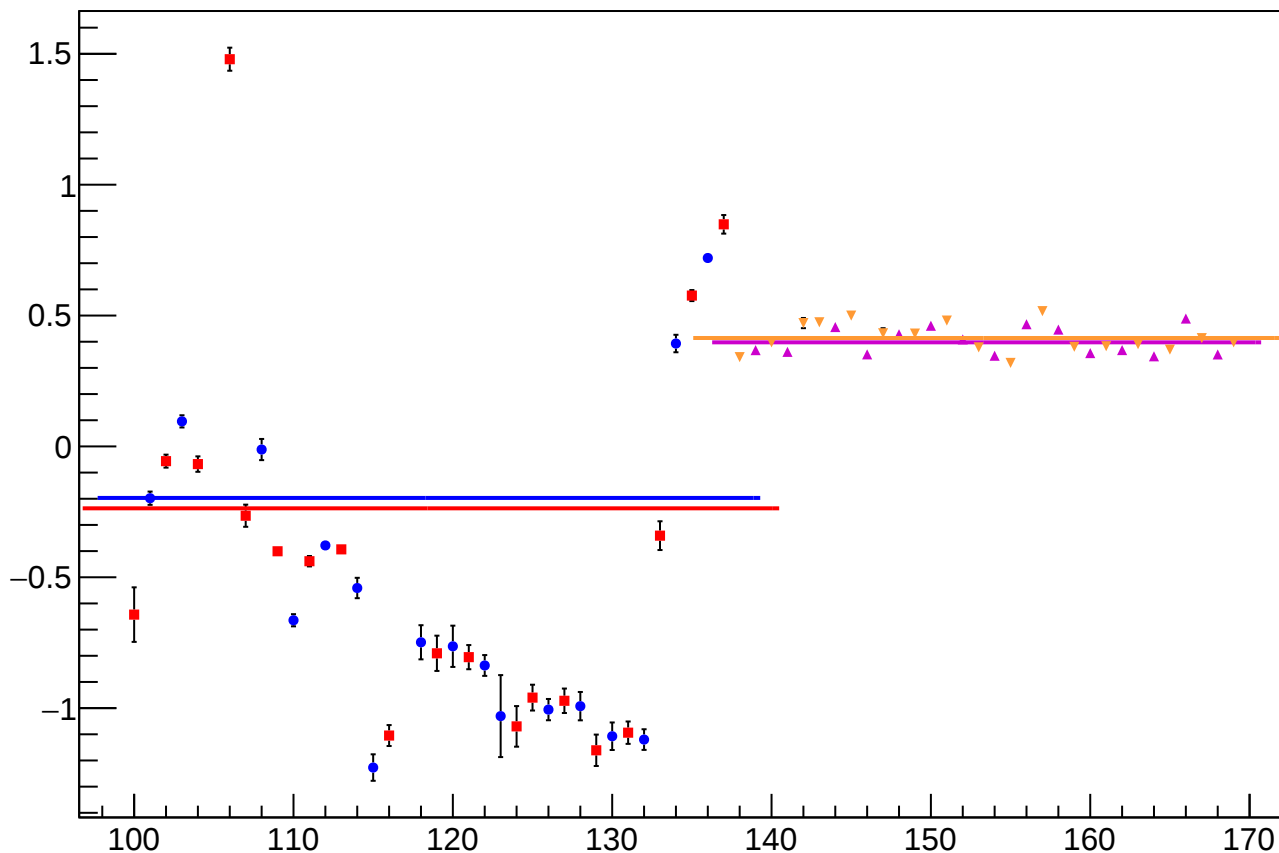


Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.583 ± 0.074 $\chi^2/\text{NDF}: 1803.9/16$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -17.932 ± 0.079 $\chi^2/\text{NDF}: 1615.6/14$

Left: -17.746 ± 0.054 $\chi^2/\text{NDF}: 3429.9/31$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -17.447 ± 0.068 $\chi^2/\text{NDF}: 3380.5/31$
 Out: -17.386 ± 0.064 $\chi^2/\text{NDF}: 3046.0/35$

All: -17.415 ± 0.047 $\chi^2/\text{NDF}: 6426.9/67$

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: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.398 ± 0.004 χ^2/NDF : 192.0/14

Left: 0.406 ± 0.003 χ^2/NDF : 429.0/31

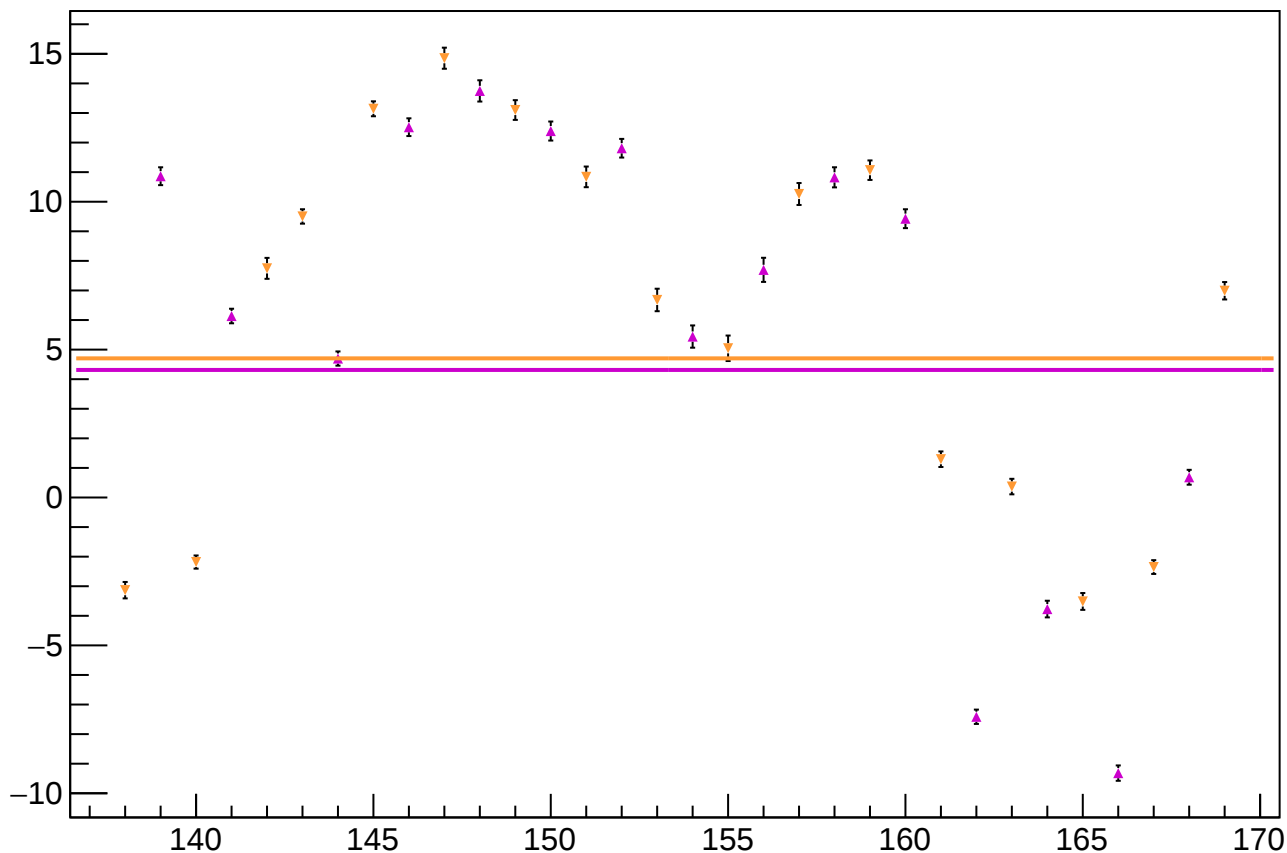
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.284 ± 0.003 χ^2/NDF : 11542.9/31

Out: 0.290 ± 0.003 χ^2/NDF : 13108.7/35

All: 0.287 ± 0.002 χ^2/NDF : 24653.1/67

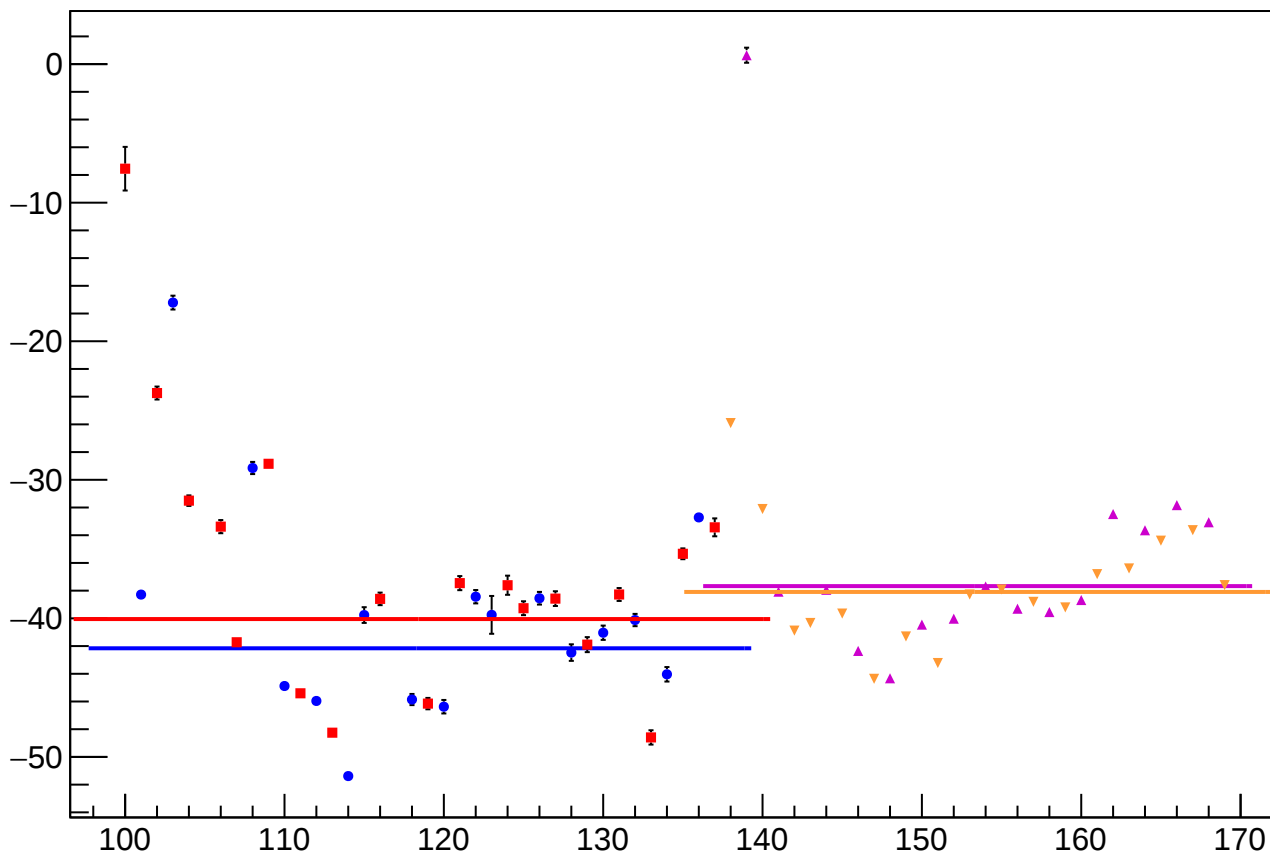
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.704+/-0.071 χ^2/NDF : 7963.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.313+/-0.076 χ^2/NDF : 9989.6/14

Left: 4.521+/-0.052 χ^2/NDF : 17967.4/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.313+/-0.076 χ^2/NDF : 9989.6/14
 Out: 4.704+/-0.071 χ^2/NDF : 7963.6/16
 All: 4.521+/-0.052 χ^2/NDF : 17967.4/31

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.093 ± 0.051 χ^2/NDF : 6631.0/16

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -37.672 ± 0.056 χ^2/NDF : 9511.4/14

Left: -37.900 ± 0.038 χ^2/NDF : 16173.5/31

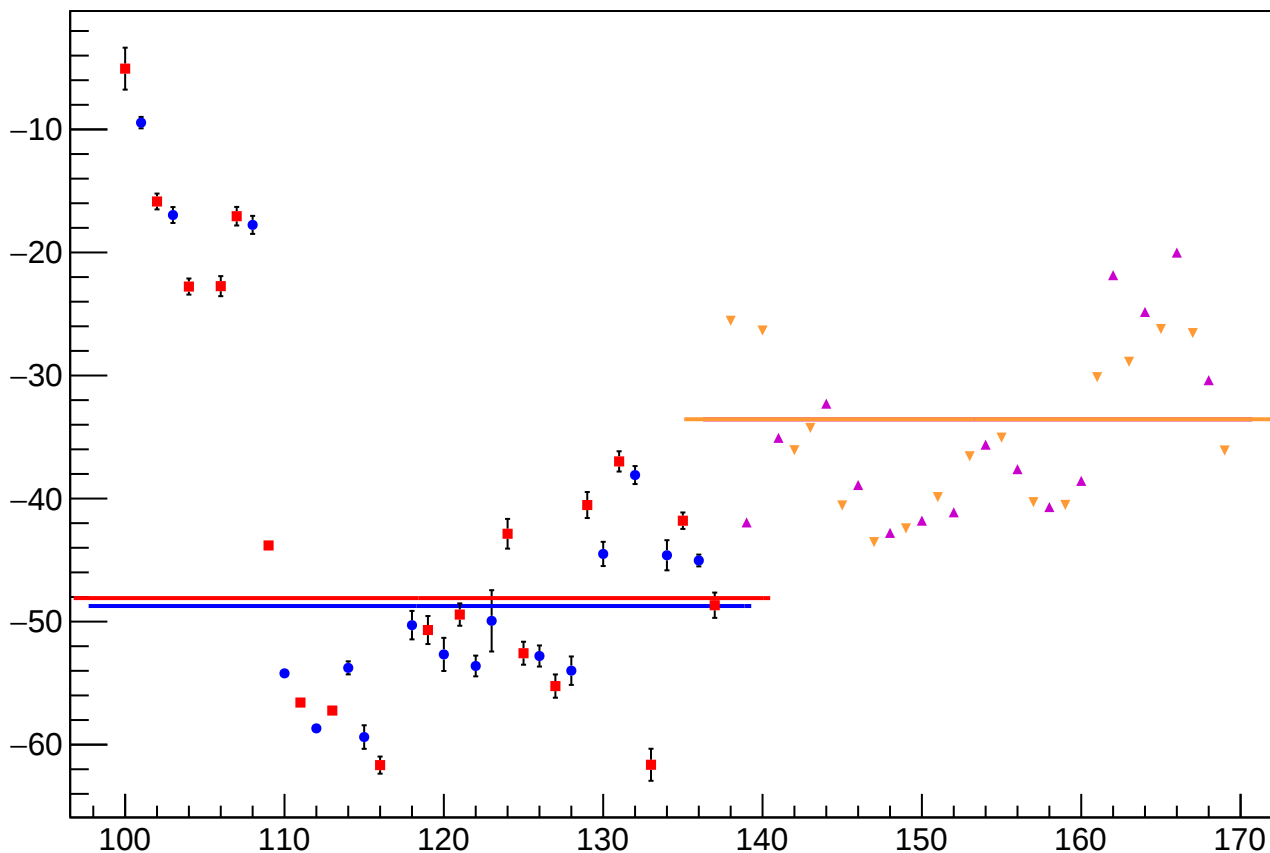
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -39.184 ± 0.045 χ^2/NDF : 18282.3/31

Out: -38.740 ± 0.042 χ^2/NDF : 18426.6/35

All: -38.945 ± 0.031 χ^2/NDF : 36760.7/67

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: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -33.566 ± 0.075 $\chi^2/\text{NDF}: 10445.4/14$

Left: -33.560 ± 0.051 $\chi^2/\text{NDF}: 18005.9/31$

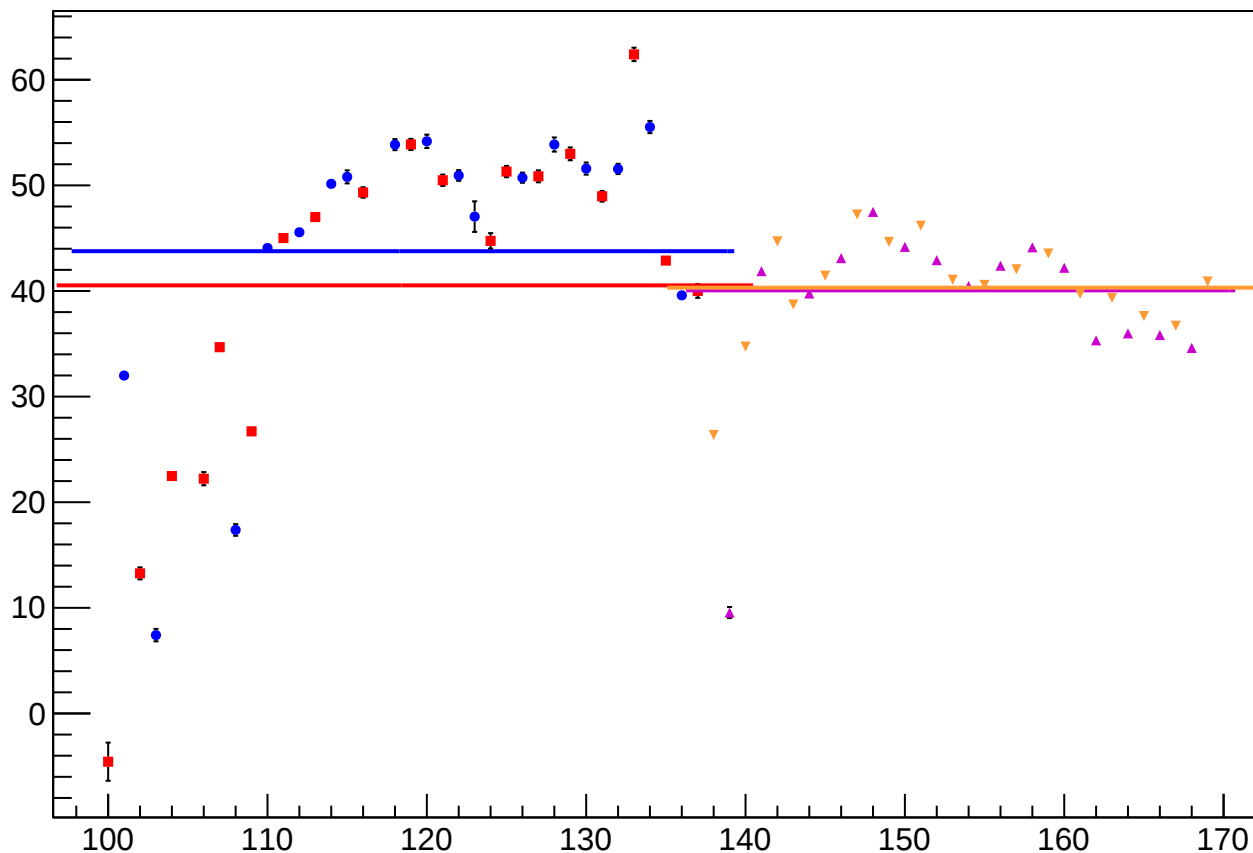
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -37.559 ± 0.064 $\chi^2/\text{NDF}: 36006.7/31$

Out: -37.971 ± 0.059 $\chi^2/\text{NDF}: 32084.2/35$

All: -37.781 ± 0.043 $\chi^2/\text{NDF}: 68113.3/67$

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: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

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

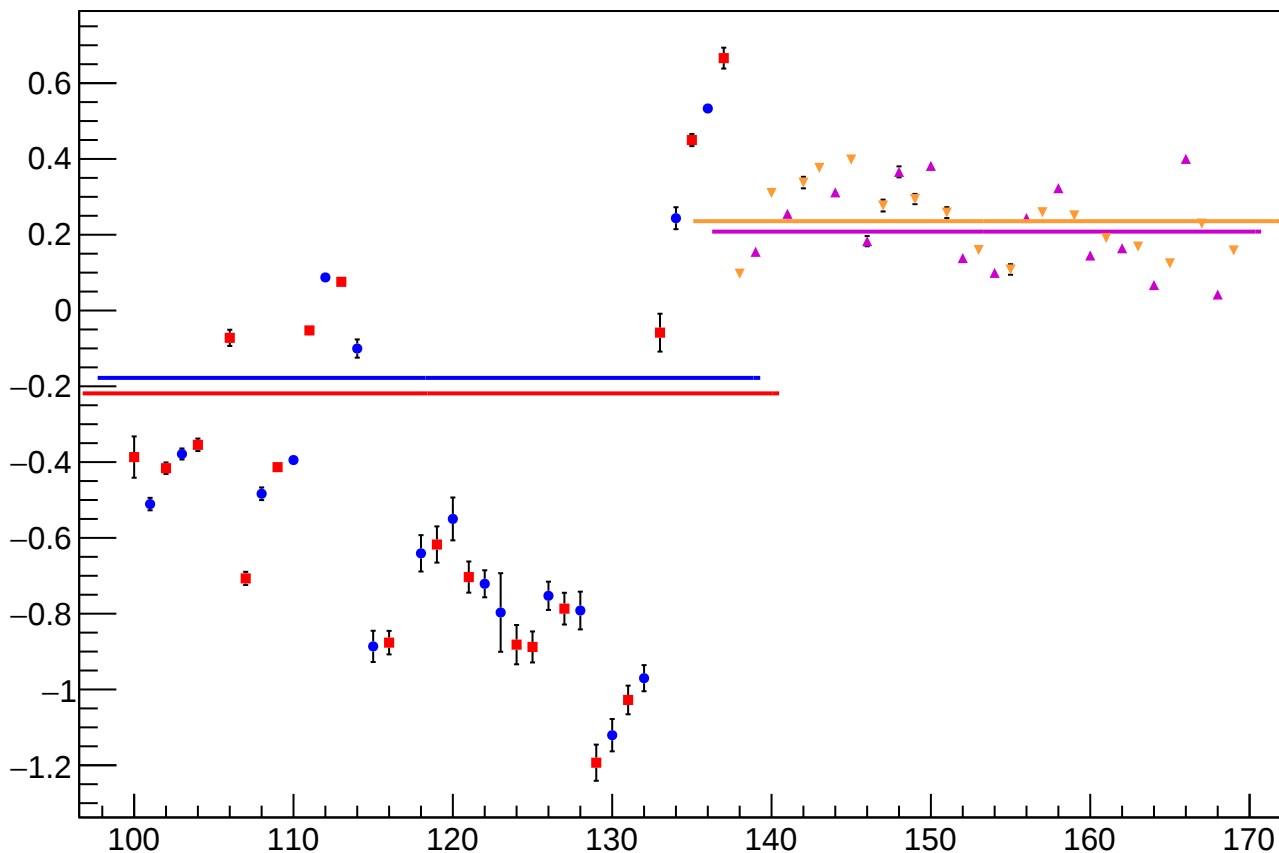
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 41.369 $\pm$ 0.052 χ^2 /NDF: 18741.5/31

Out: 40.391 $\pm$ 0.048 χ^2 /NDF: 22894.6/35

All: 40.841 $\pm$ 0.035 χ^2 /NDF: 41830.3/67

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: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.208 ± 0.003 χ^2/NDF : 1436.0/14

Left: 0.223 ± 0.002 χ^2/NDF : 2494.4/31

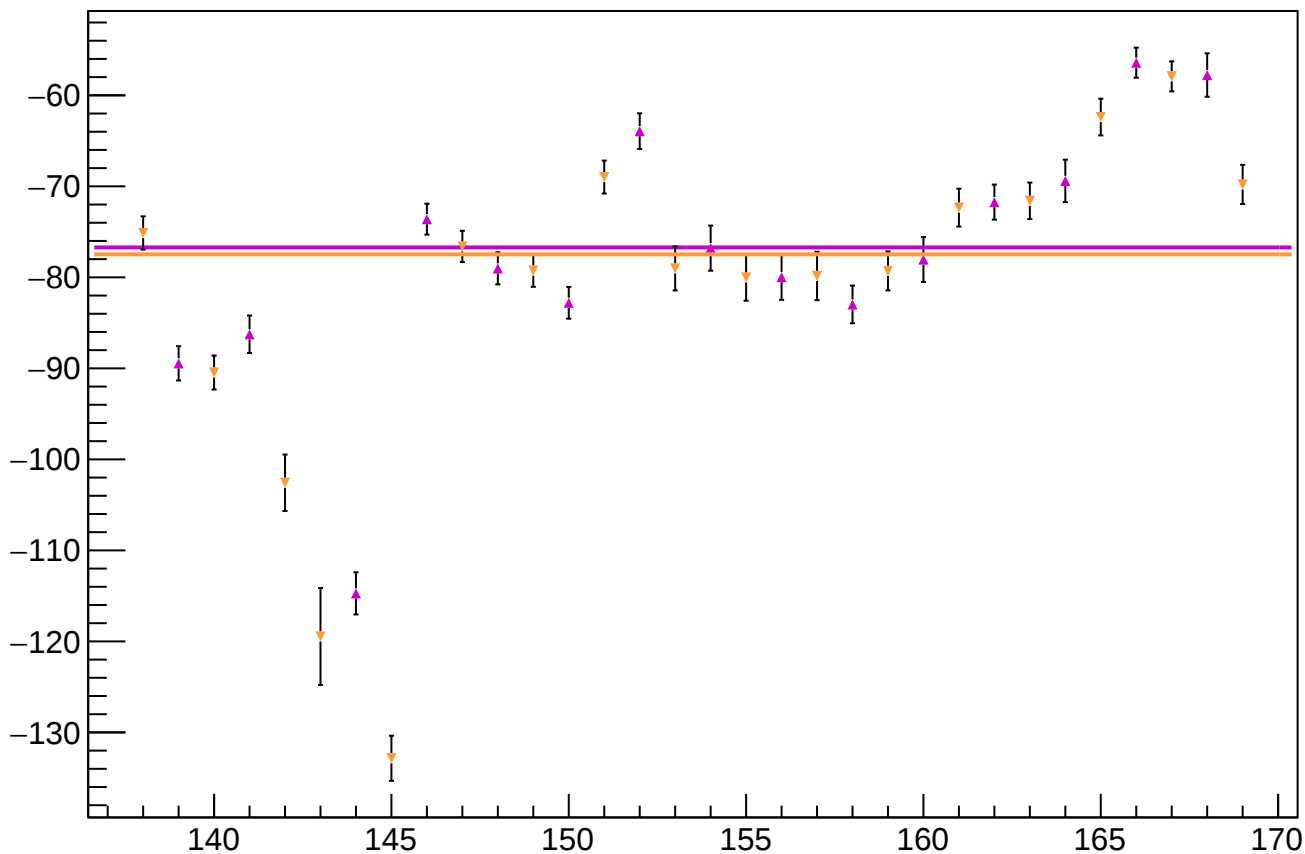
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.104 ± 0.003 χ^2/NDF : 13433.5/31

Out: 0.101 ± 0.002 χ^2/NDF : 16332.7/35

All: 0.102 ± 0.002 χ^2/NDF : 29766.8/67

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

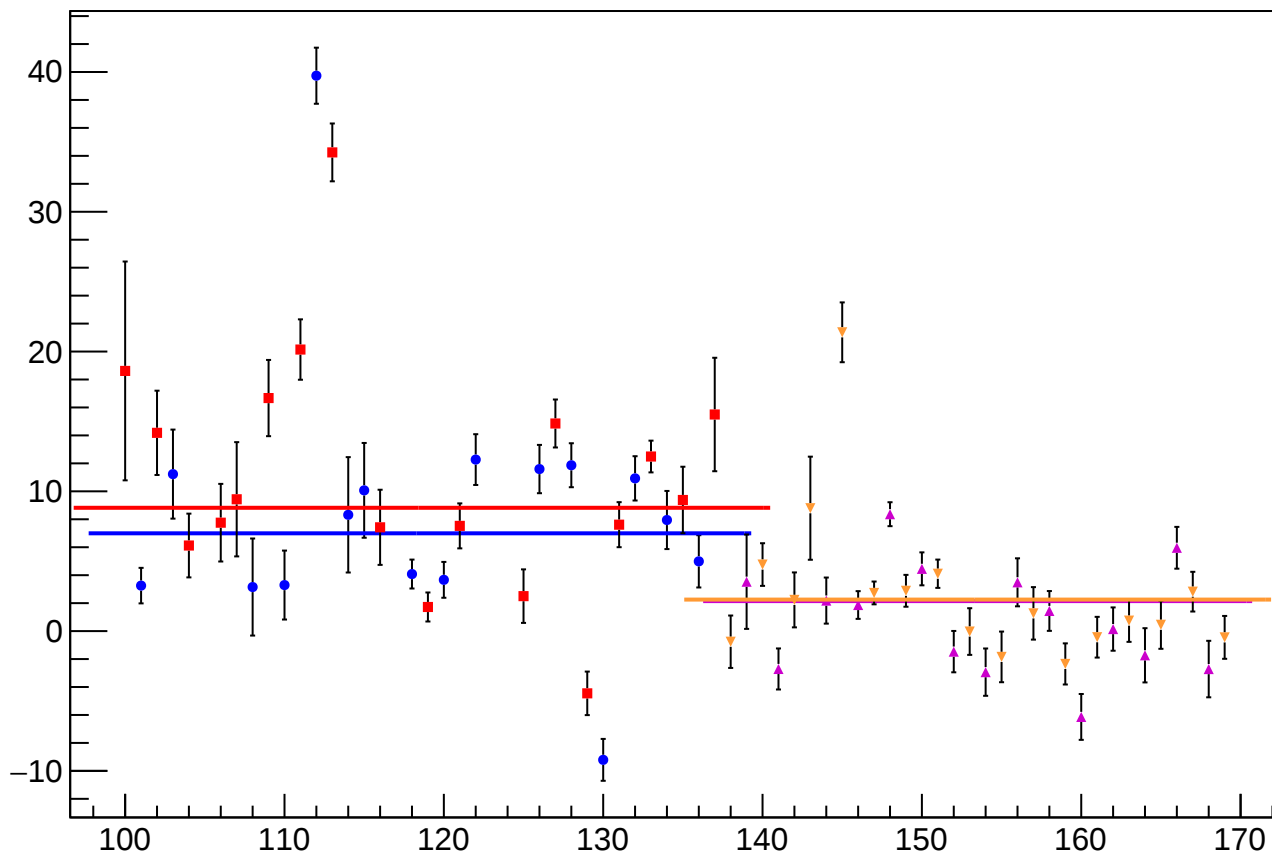
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 445.3/15

Left Out: 2.255 ± 0.352 χ^2/NDF : 118.1/16

Right Out: 8.822 ± 0.449 χ^2/NDF : 350.4/17

Left In: 2.146 ± 0.367 χ^2/NDF : 127.1/14

Left: 2.202 ± 0.254 χ^2/NDF : 245.2/31

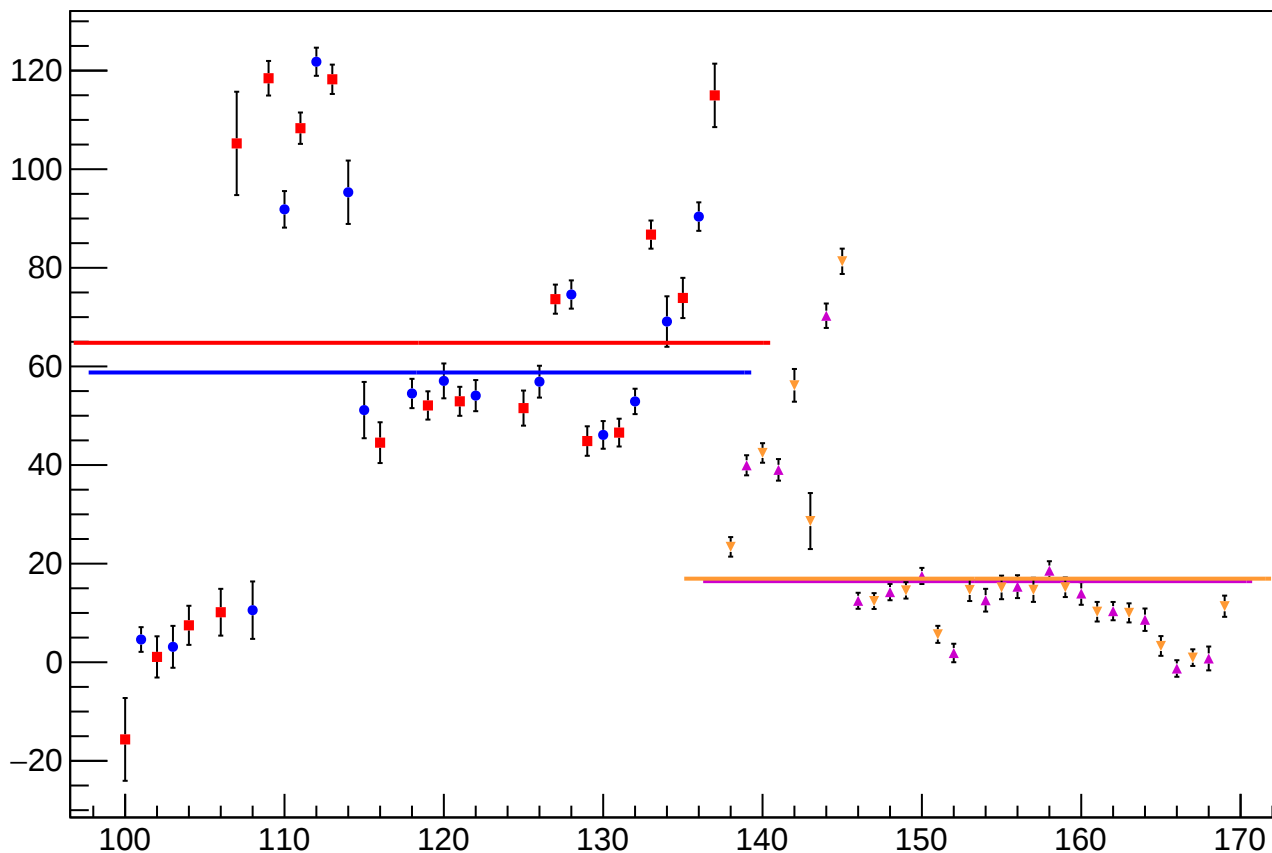
Right: 7.879 ± 0.312 χ^2/NDF : 804.3/33

In: 4.170 ± 0.280 χ^2/NDF : 645.1/30

Out: 4.753 ± 0.277 χ^2/NDF : 601.2/34

All: 4.466 ± 0.197 χ^2/NDF : 1248.5/65

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: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

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

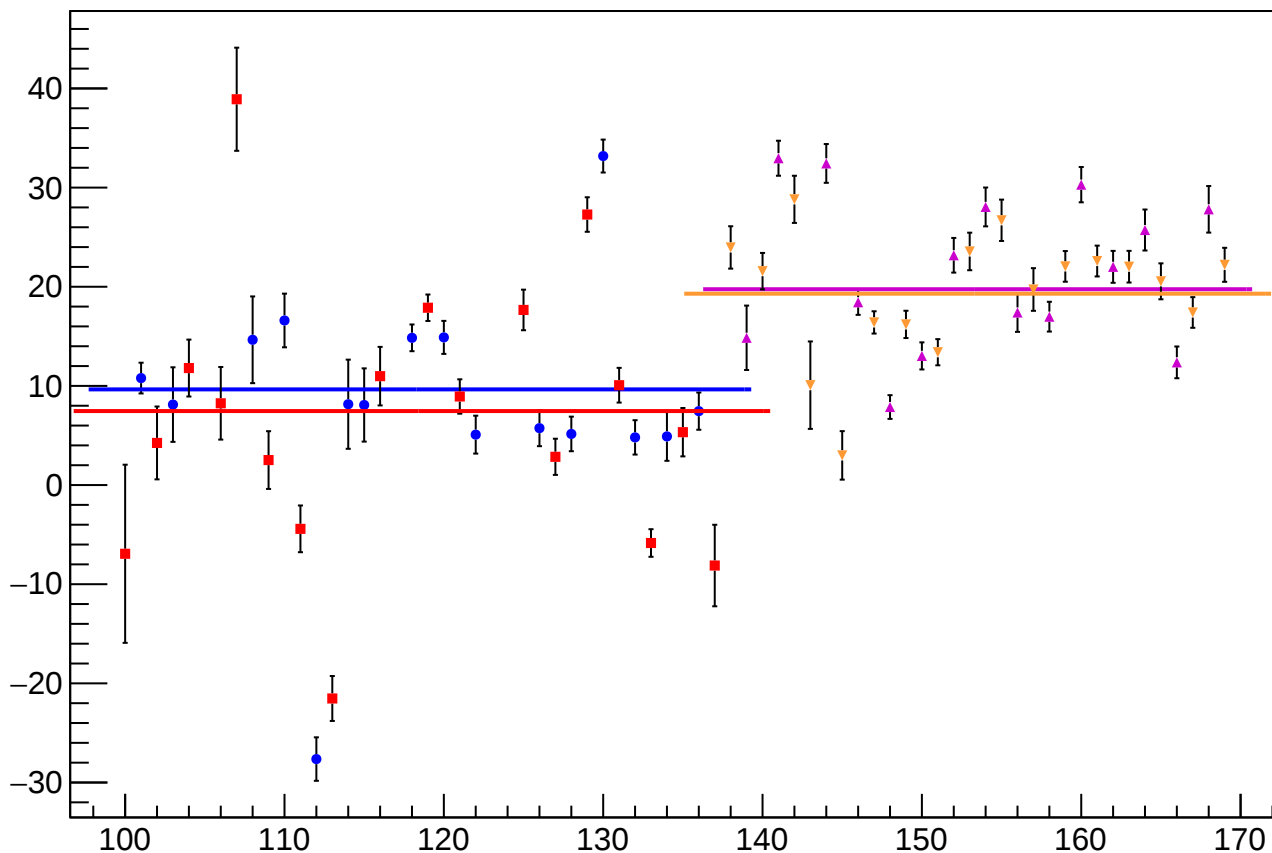
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 27.948 $\pm$ 0.434 χ^2 /NDF:4334.7/30

Out: 29.462 $\pm$ 0.430 χ^2 /NDF:5281.3/34

All: 28.713 $\pm$ 0.305 χ^2 /NDF: 9622.1/65

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 19.300 ± 0.415 χ^2/NDF : 136.0/16

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 19.750 ± 0.433 χ^2/NDF : 329.3/14

Left: 19.515 ± 0.299 χ^2/NDF : 465.9/31

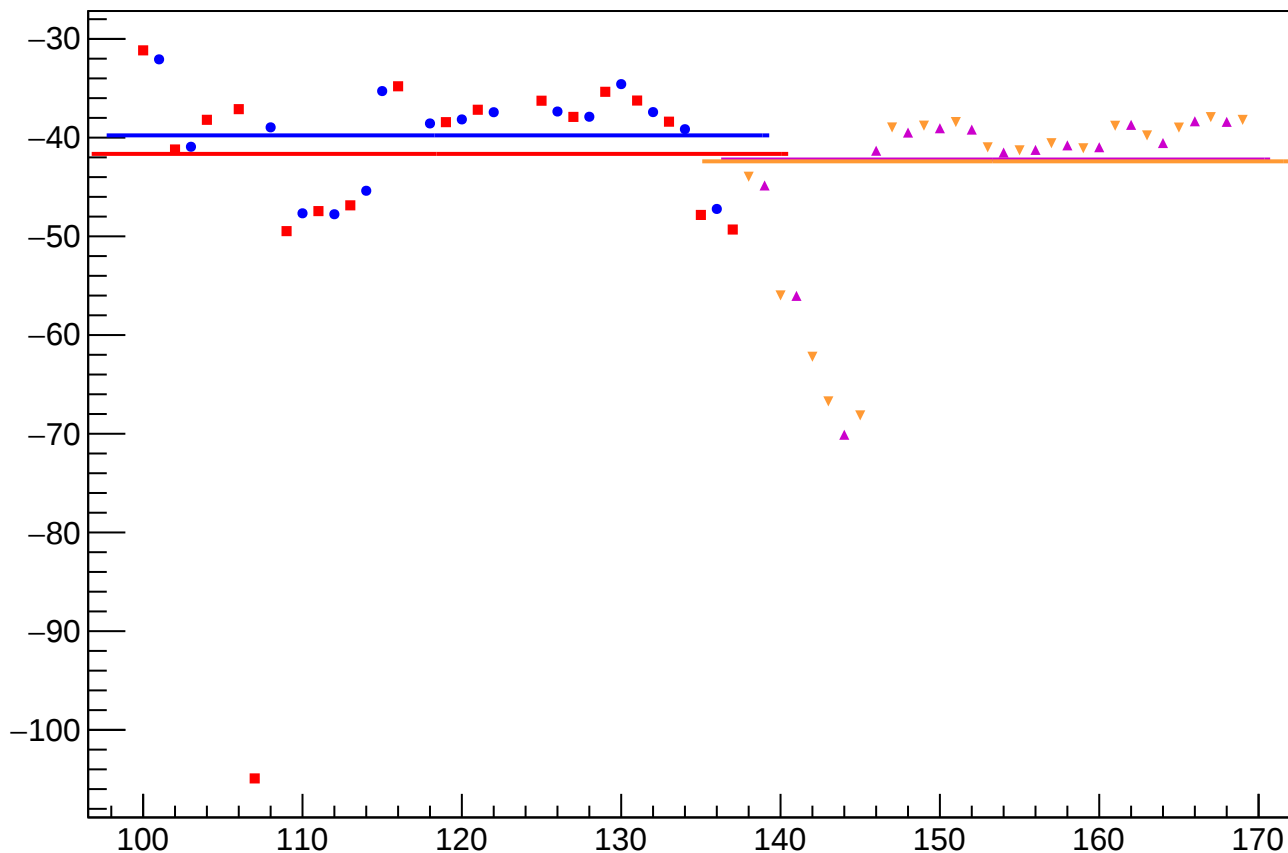
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 15.440 ± 0.328 χ^2/NDF : 1115.0/30

Out: 14.652 ± 0.323 χ^2/NDF : 1022.9/34

All: 15.040 ± 0.230 χ^2/NDF : 2140.8/65

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: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -42.217 ± 0.020 χ^2/NDF : 104749.8/14

Left: -42.311 ± 0.014 χ^2/NDF : 248184.5/31

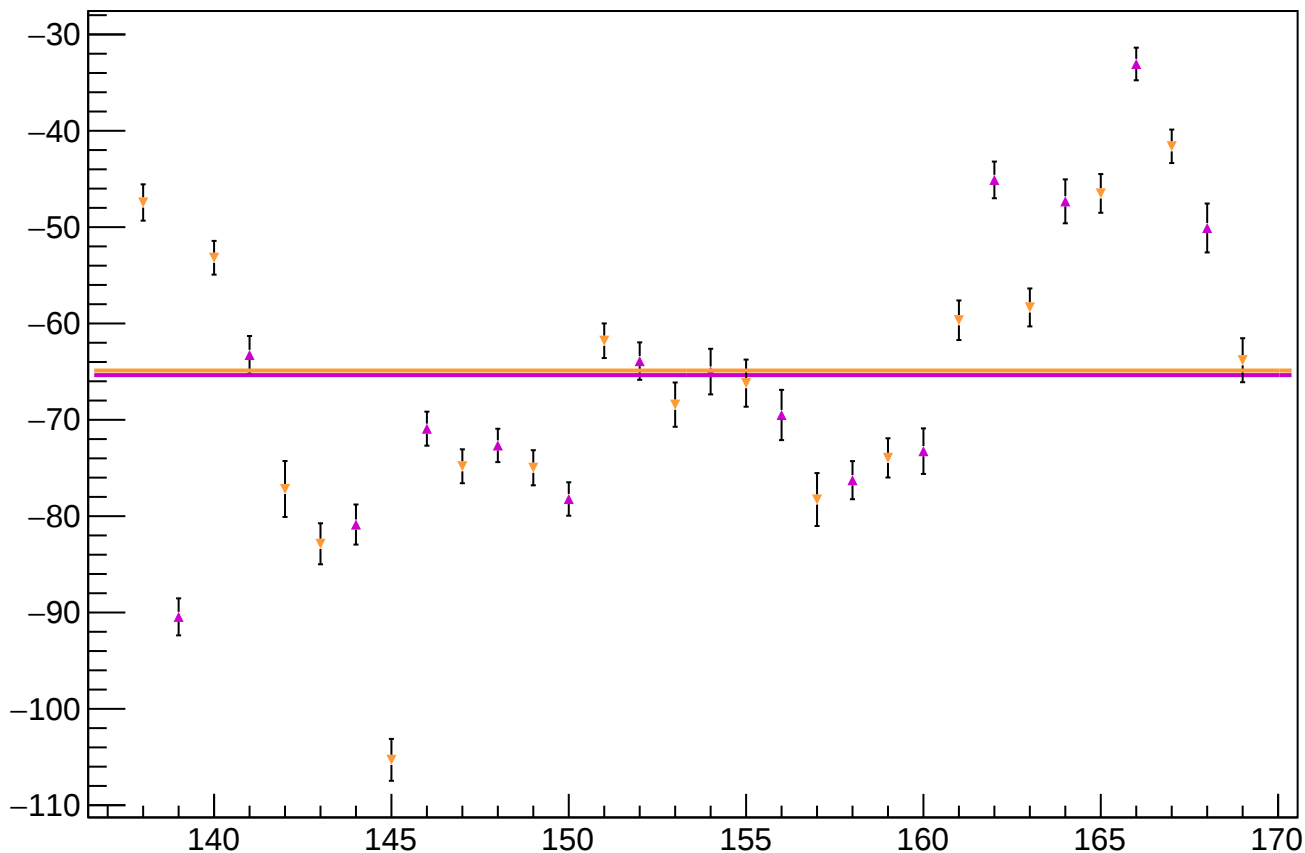
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -41.490 ± 0.017 χ^2/NDF : 135271.1/30

Out: -42.184 ± 0.017 χ^2/NDF : 238322.8/34

All: -41.841 ± 0.012 χ^2/NDF : 374440.3/65

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



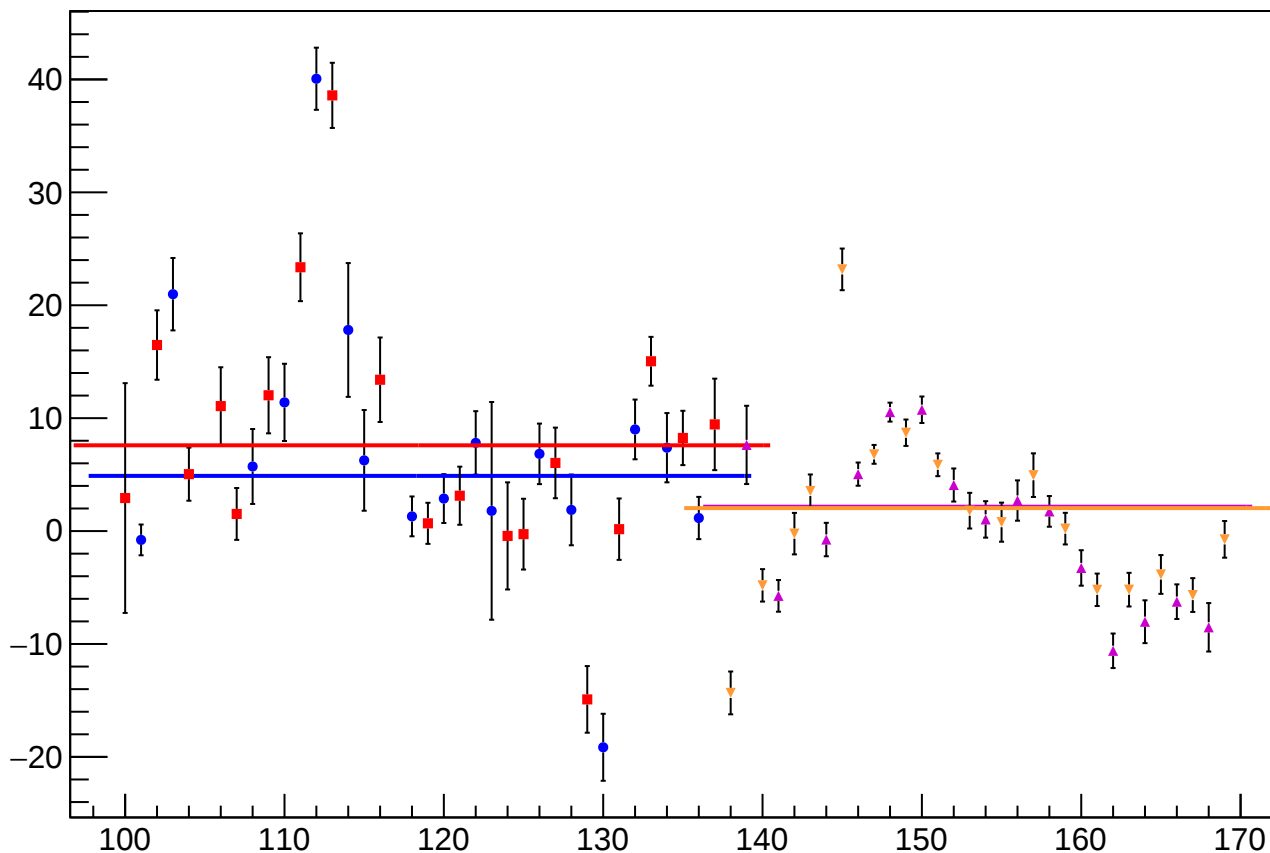
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -64.883+/-0.495 χ^2/NDF :957.9/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -65.358+/-0.517 χ^2/NDF :930.6/14

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: 7.596 ± 0.651 $\chi^2/\text{NDF}: 269.4/18$

Left In: 2.160 ± 0.363 $\chi^2/\text{NDF}: 366.7/14$

Left: 2.093 ± 0.249 $\chi^2/\text{NDF}: 772.0/31$

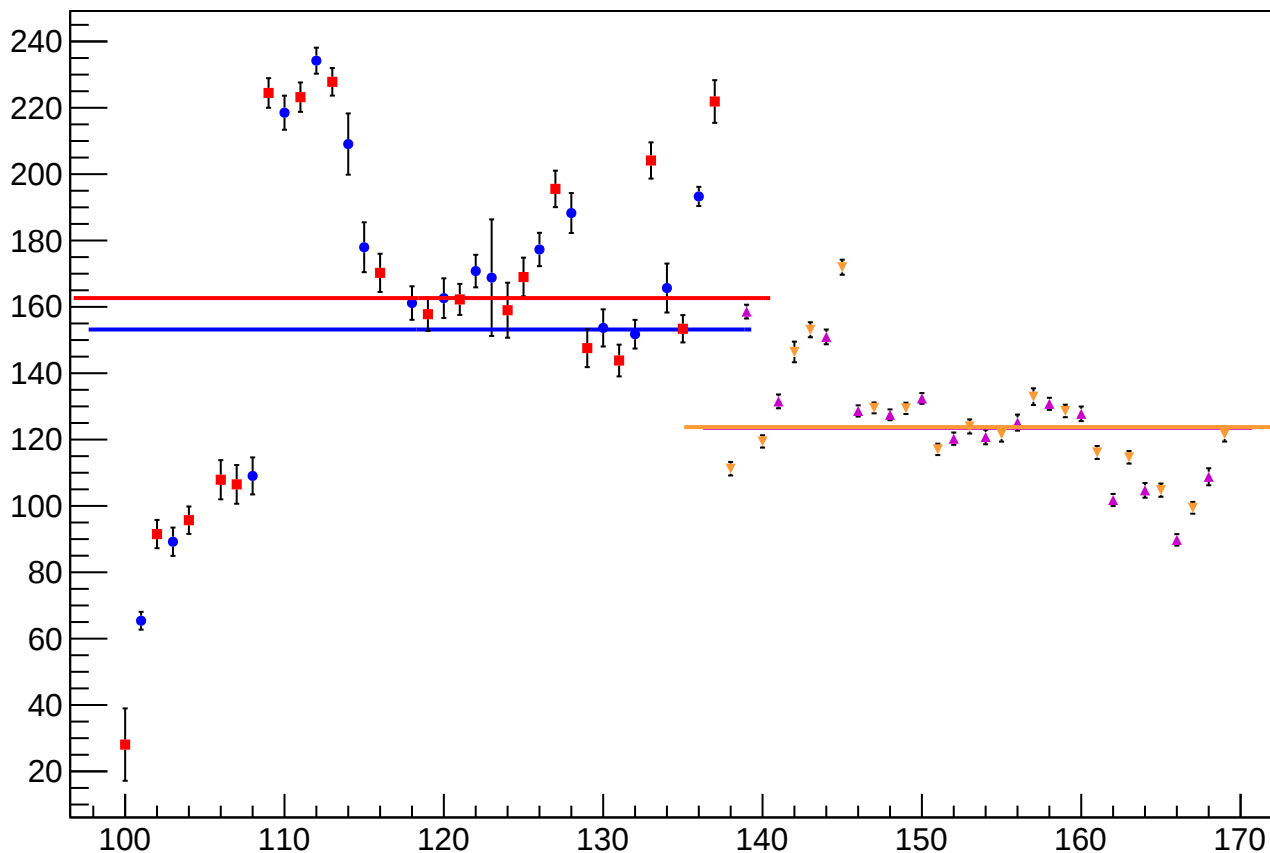
Right: 6.180 ± 0.450 $\chi^2/\text{NDF}: 573.2/35$

In: 2.853 ± 0.313 $\chi^2/\text{NDF}: 675.8/31$

Out: 3.233 ± 0.302 $\chi^2/\text{NDF}: 731.9/35$

All: 3.050 ± 0.218 $\chi^2/\text{NDF}: 1408.5/67$

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: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

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

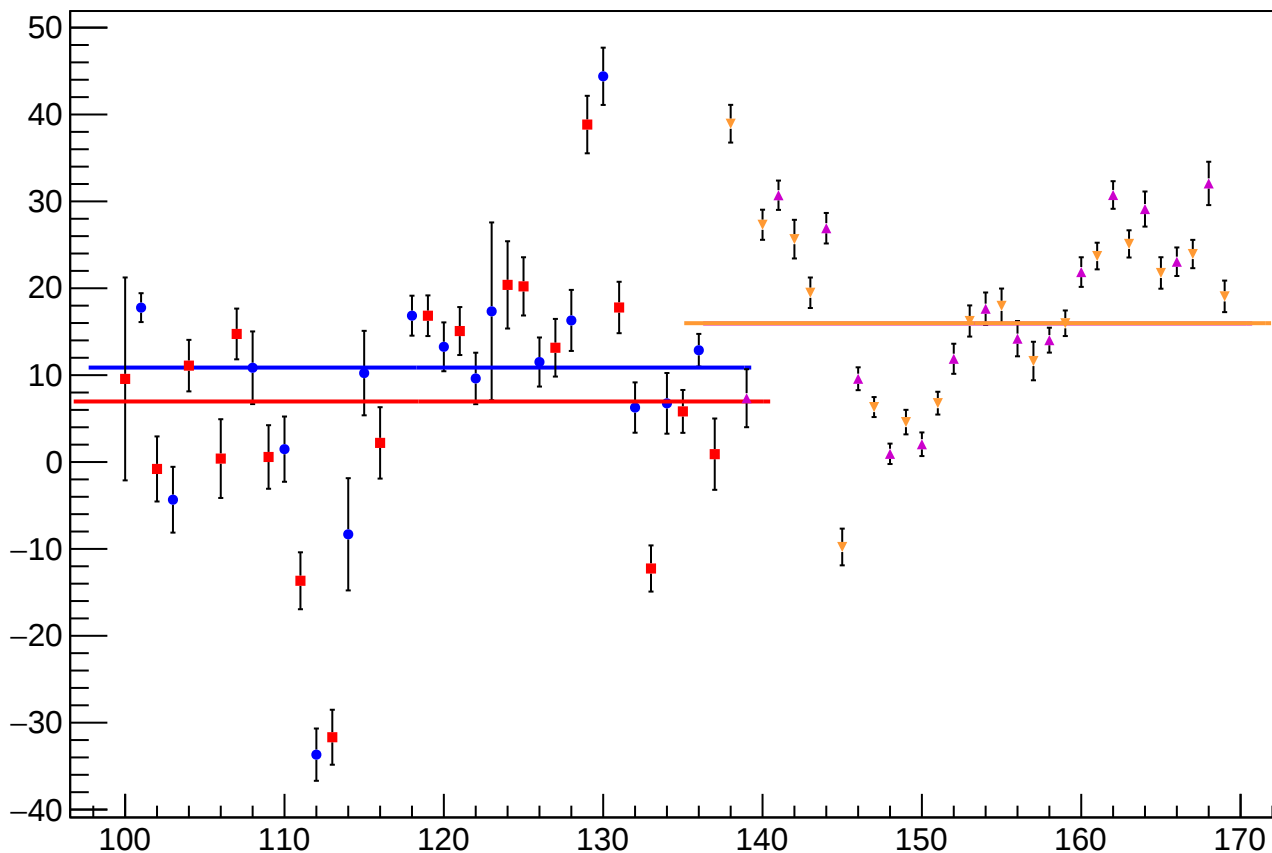
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 128.342 $\pm$ 0.461 χ^2 /NDF:3973.4/31

Out: 129.454 $\pm$ 0.450 χ^2 /NDF:3731.9/35

All: 128.912 $\pm$ 0.322 χ^2 /NDF: 7708.3/67

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: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

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

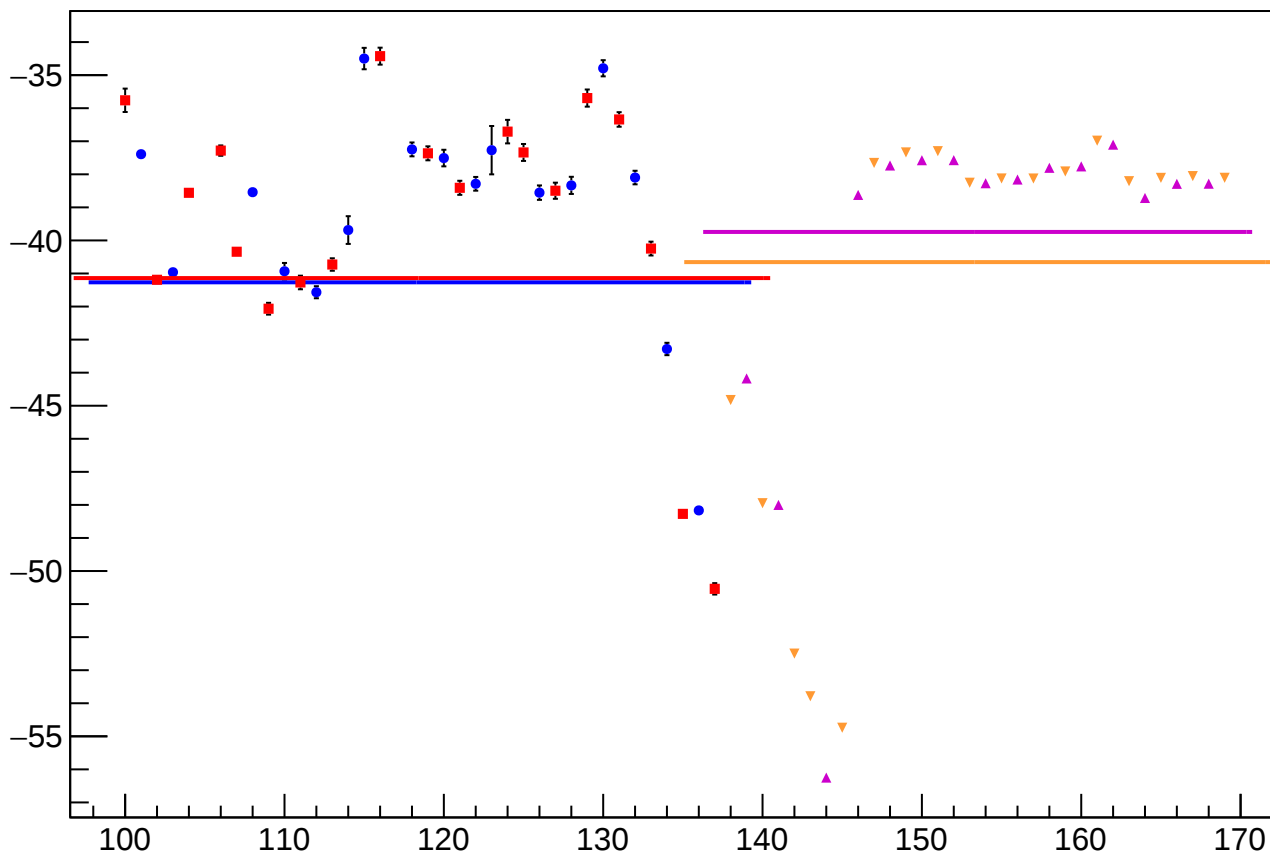
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.611 $\pm$ 0.367 χ^2 /NDF:1047.5/31

Out: 13.957 $\pm$ 0.354 χ^2 /NDF:1146.9/35

All: 14.273 $\pm$ 0.255 χ^2 /NDF: 2196.1/67

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -40.655 ± 0.019 χ^2/NDF : 81797.6/16

Right Out: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

Left In: -39.743 ± 0.020 χ^2/NDF : 49100.0/14

Left: -40.216 ± 0.014 χ^2/NDF : 131968.7/31

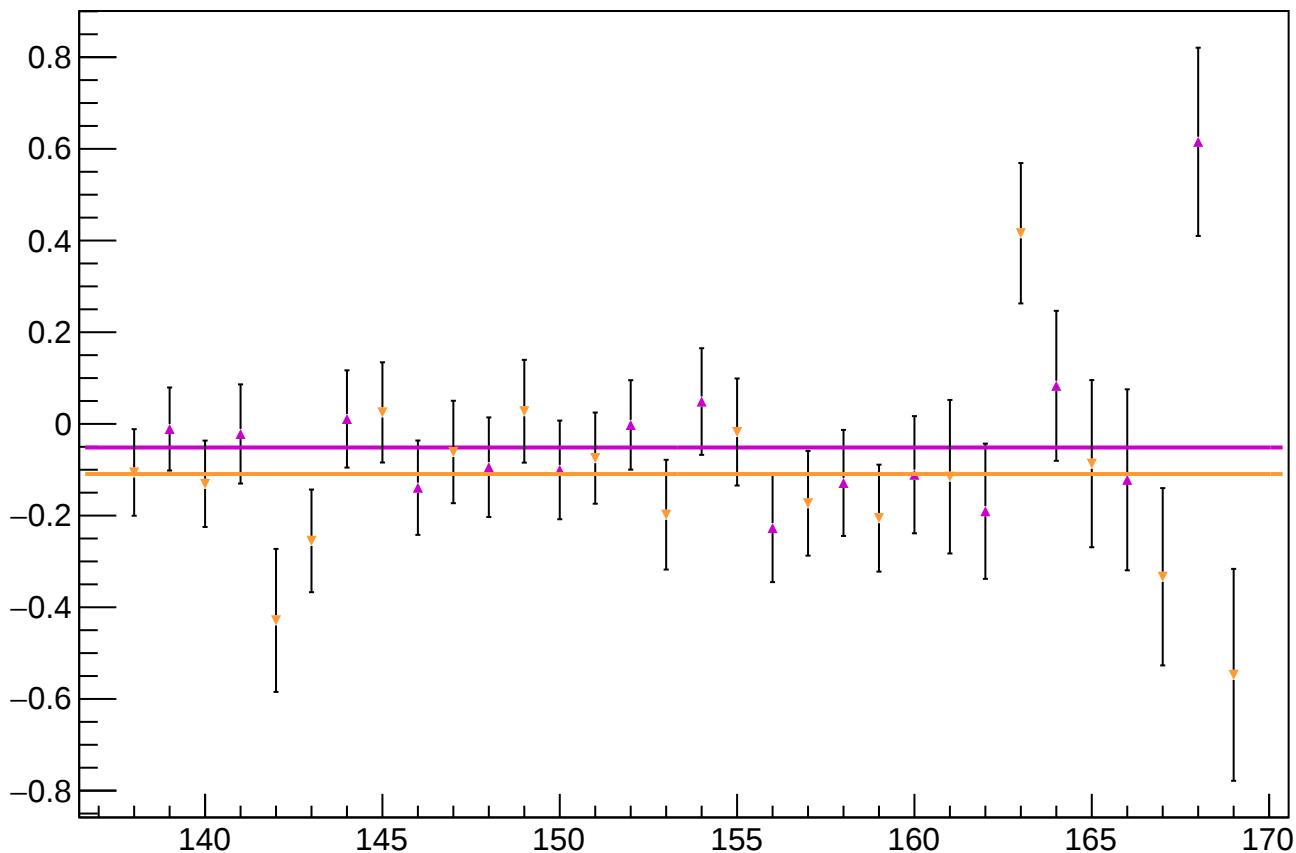
Right: -41.203 ± 0.027 χ^2/NDF : 24829.7/35

In: -40.068 ± 0.018 χ^2/NDF : 62912.8/31

Out: -40.753 ± 0.017 χ^2/NDF : 94165.3/35

All: -40.420 ± 0.012 χ^2/NDF : 157838.4/67

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.109 ± 0.030 $\chi^2/\text{NDF}: 28.1/16$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.051 ± 0.030 $\chi^2/\text{NDF}: 17.8/14$

Left: -0.081 ± 0.021 $\chi^2/\text{NDF}: 47.8/31$

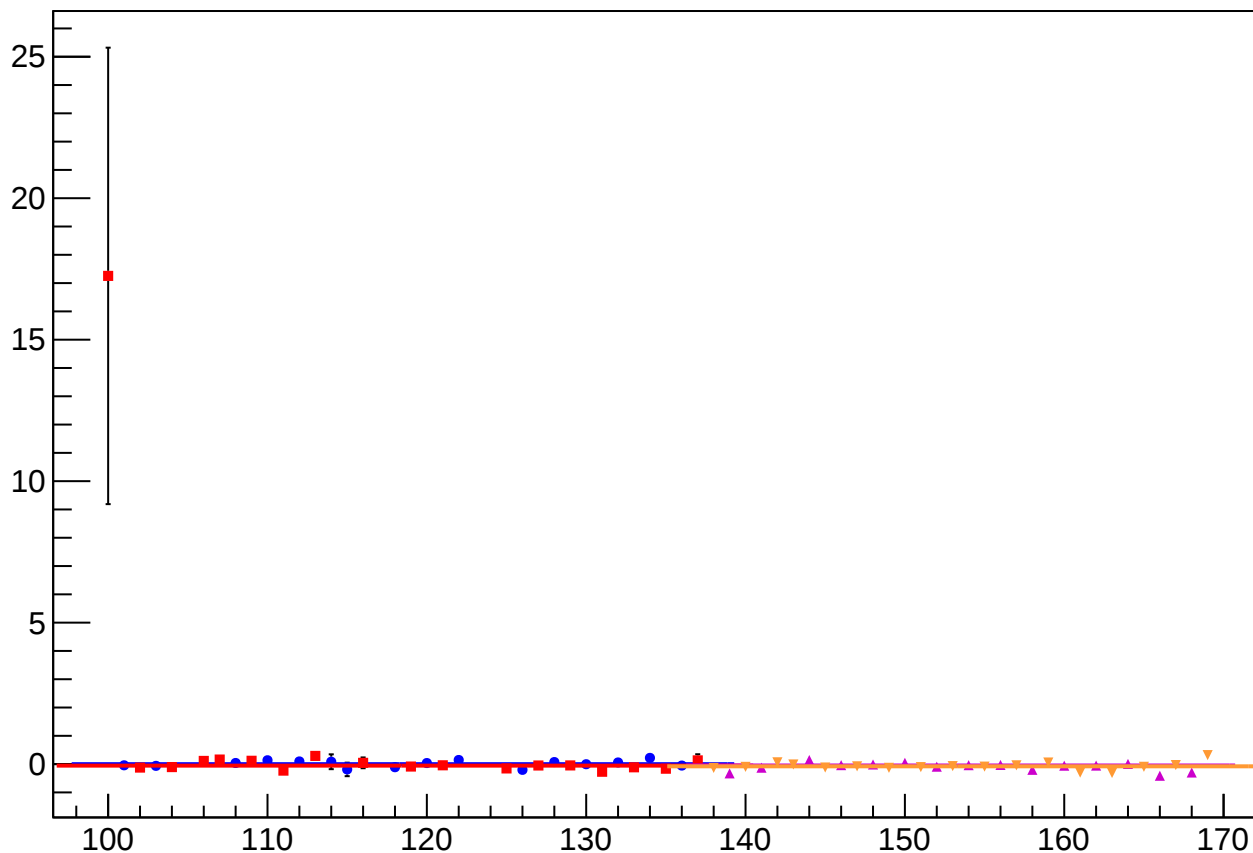
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.051 ± 0.030 $\chi^2/\text{NDF}: 17.8/14$

Out: -0.109 ± 0.030 $\chi^2/\text{NDF}: 28.1/16$

All: -0.081 ± 0.021 $\chi^2/\text{NDF}: 47.8/31$

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.078 ± 0.021 χ^2/NDF : 20.5/16

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.049 ± 0.021 χ^2/NDF : 22.9/14

Left: -0.064 ± 0.015 χ^2/NDF : 44.4/31

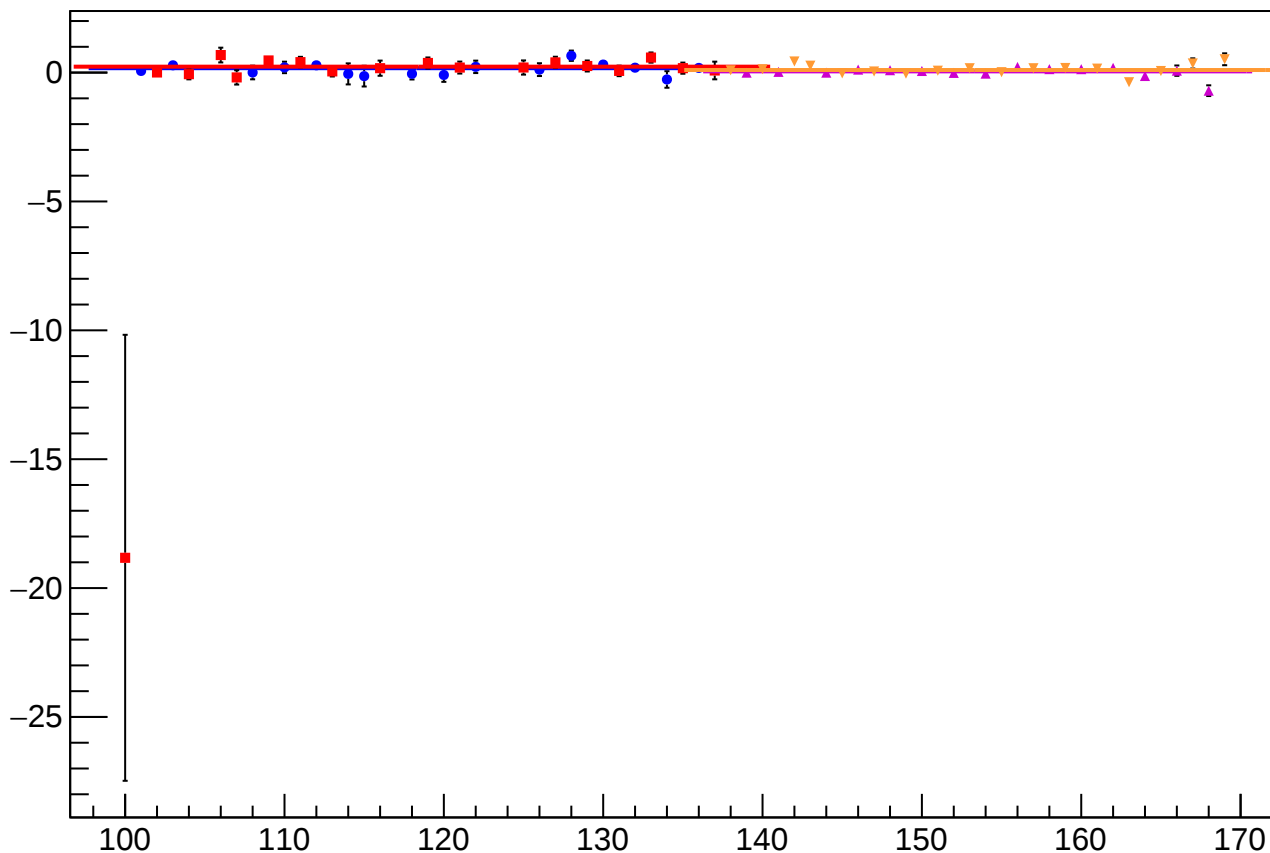
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.031 ± 0.017 χ^2/NDF : 36.7/30

Out: -0.070 ± 0.017 χ^2/NDF : 46.5/34

All: -0.051 ± 0.012 χ^2/NDF : 85.8/65

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.099 $\pm$ 0.029 χ^2 /NDF:26.8/16

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.047 $\pm$ 0.030 χ^2 /NDF:21.0/14

Left: 0.073 $\pm$ 0.021 χ^2 /NDF: 49.4/31

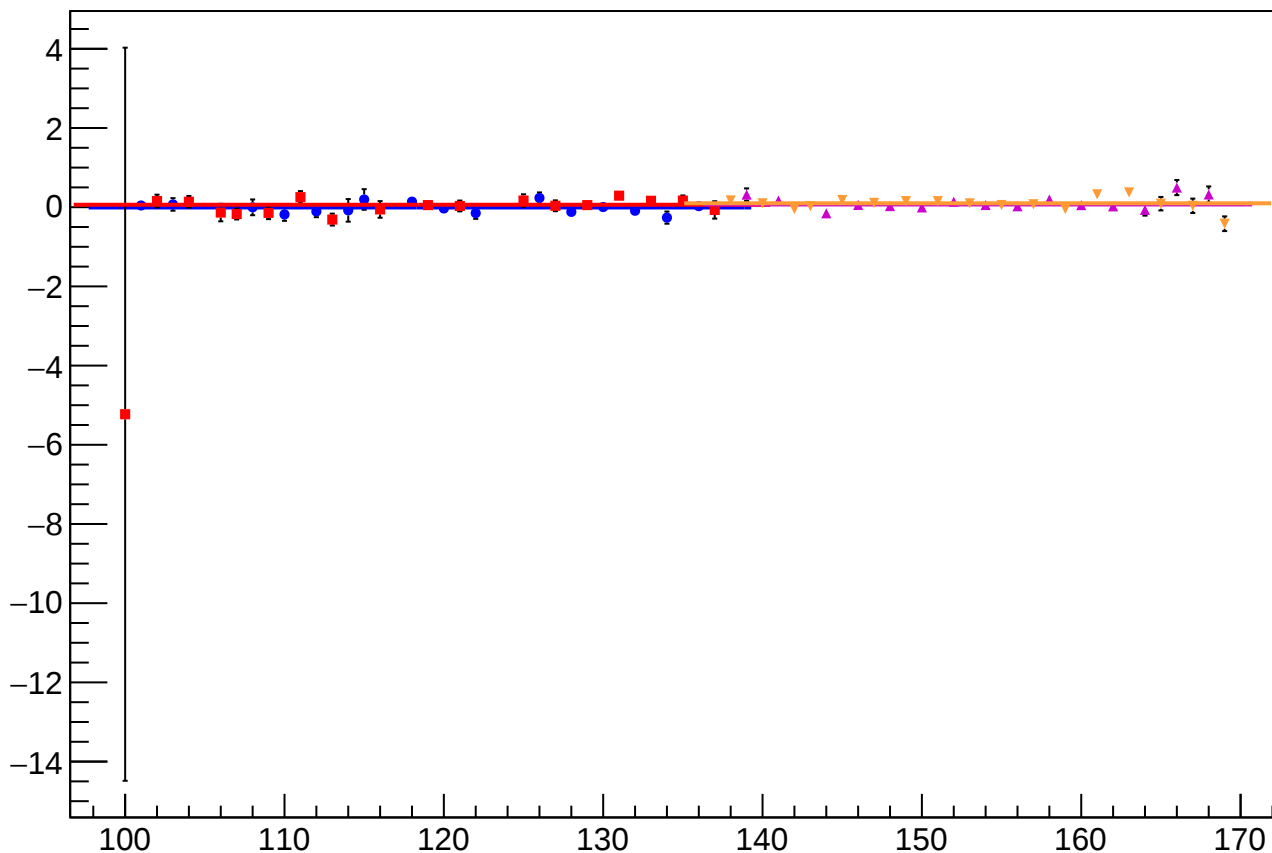
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.077 $\pm$ 0.026 χ^2 /NDF:38.3/30

Out: 0.129 $\pm$ 0.026 χ^2 /NDF:53.0/34

All: 0.103 $\pm$ 0.018 χ^2 /NDF: 93.3/65

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.099 ± 0.024 χ^2/NDF : 23.4/16

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.069 ± 0.025 χ^2/NDF : 21.7/14

Left: 0.085 ± 0.018 χ^2/NDF : 45.8/31

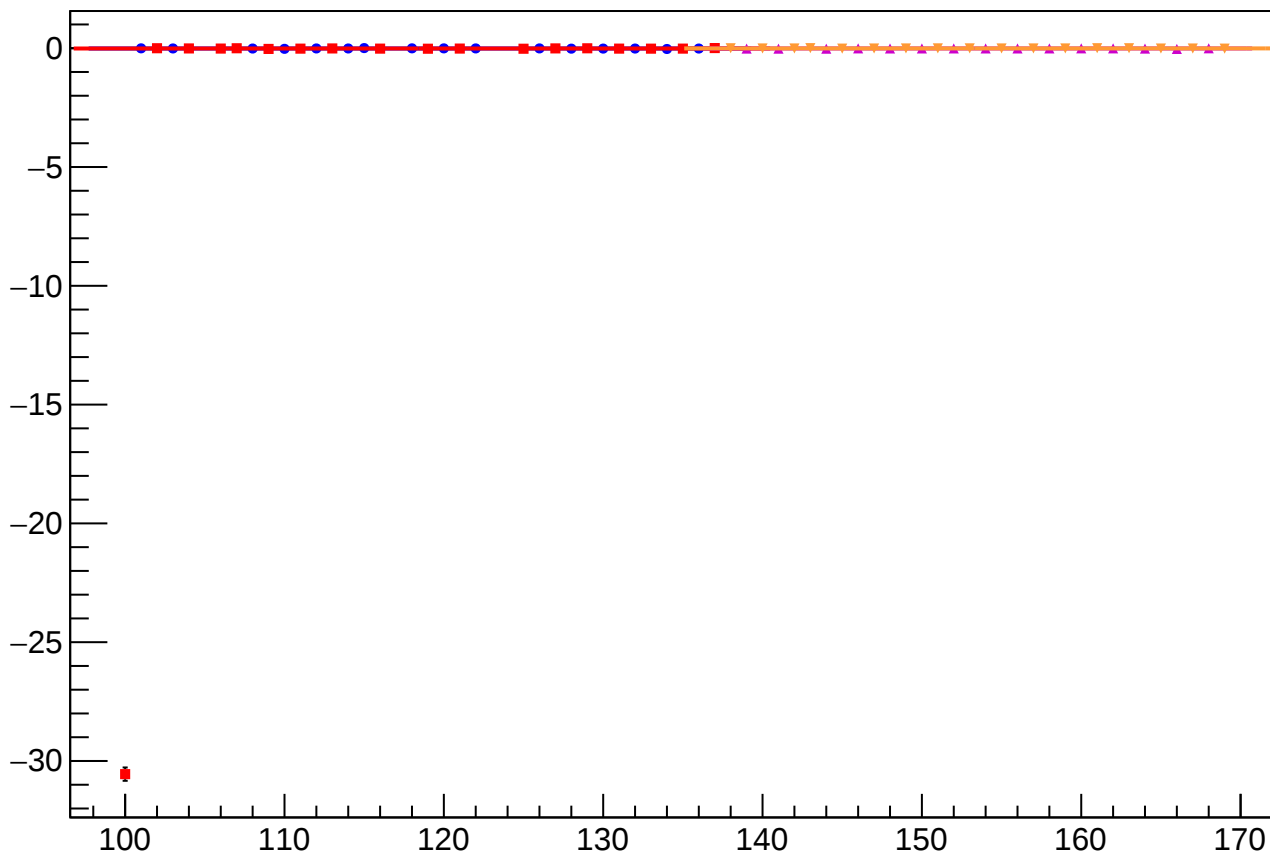
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.041 ± 0.020 χ^2/NDF : 38.3/30

Out: 0.086 ± 0.020 χ^2/NDF : 44.5/34

All: 0.064 ± 0.014 χ^2/NDF : 85.4/65

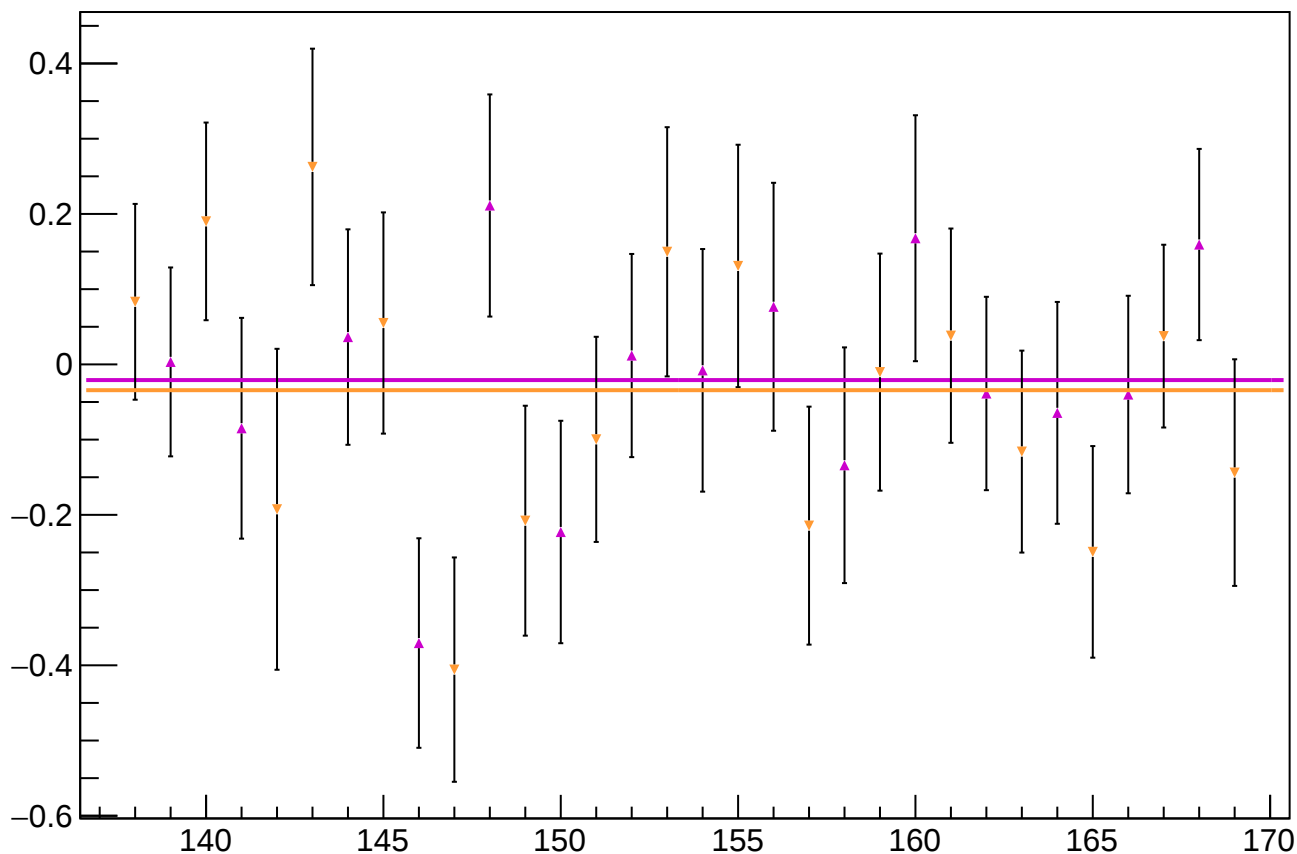
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -0.009 ± 0.001 χ^2/NDF : 40.0/31
 Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33
 In: -0.011 ± 0.001 χ^2/NDF : 31.0/30
 Out: -0.009 ± 0.001 χ^2/NDF : 11912.7/34
 All: -0.010 ± 0.001 χ^2/NDF : 11946.2/65

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: -0.012 ± 0.002 χ^2/NDF : 11890.6/17
 Left In: -0.011 ± 0.001 χ^2/NDF : 18.0/14

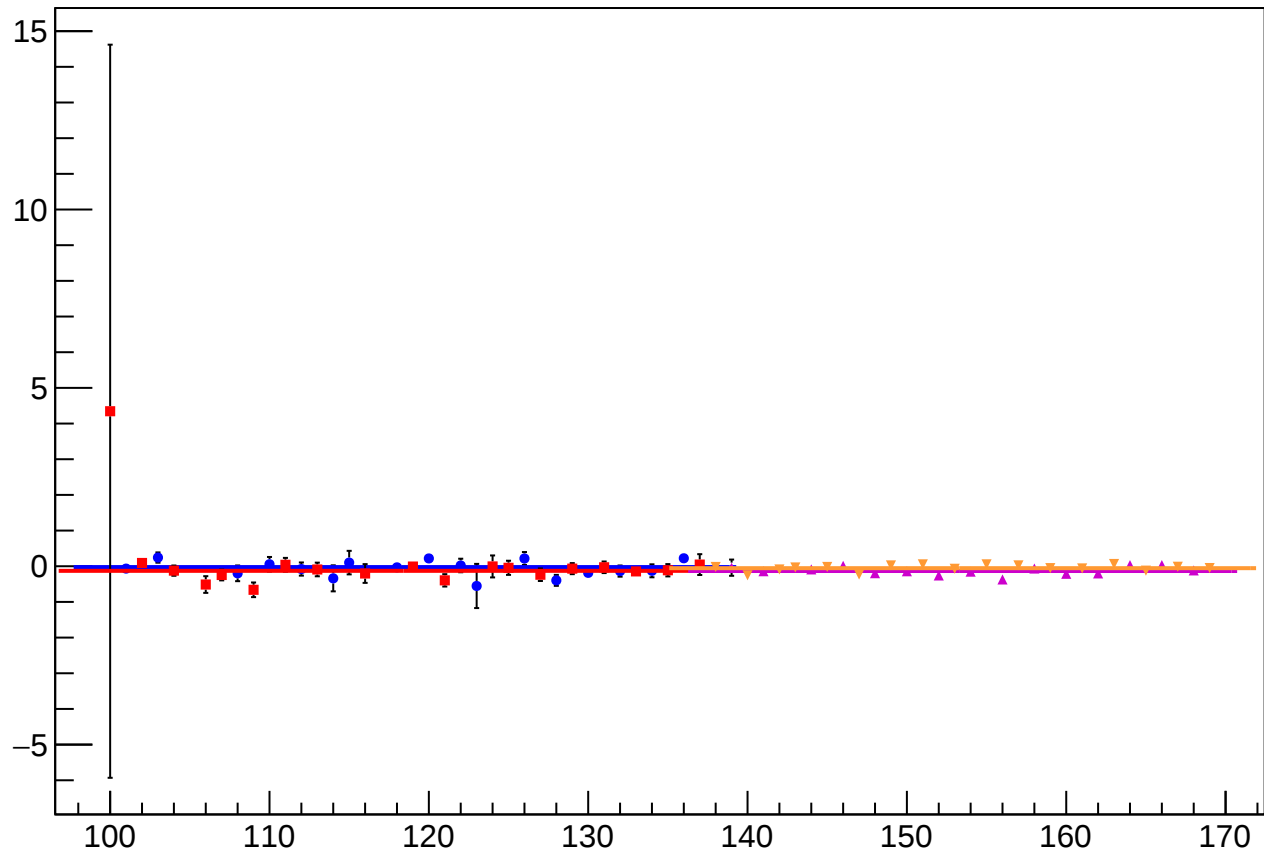
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

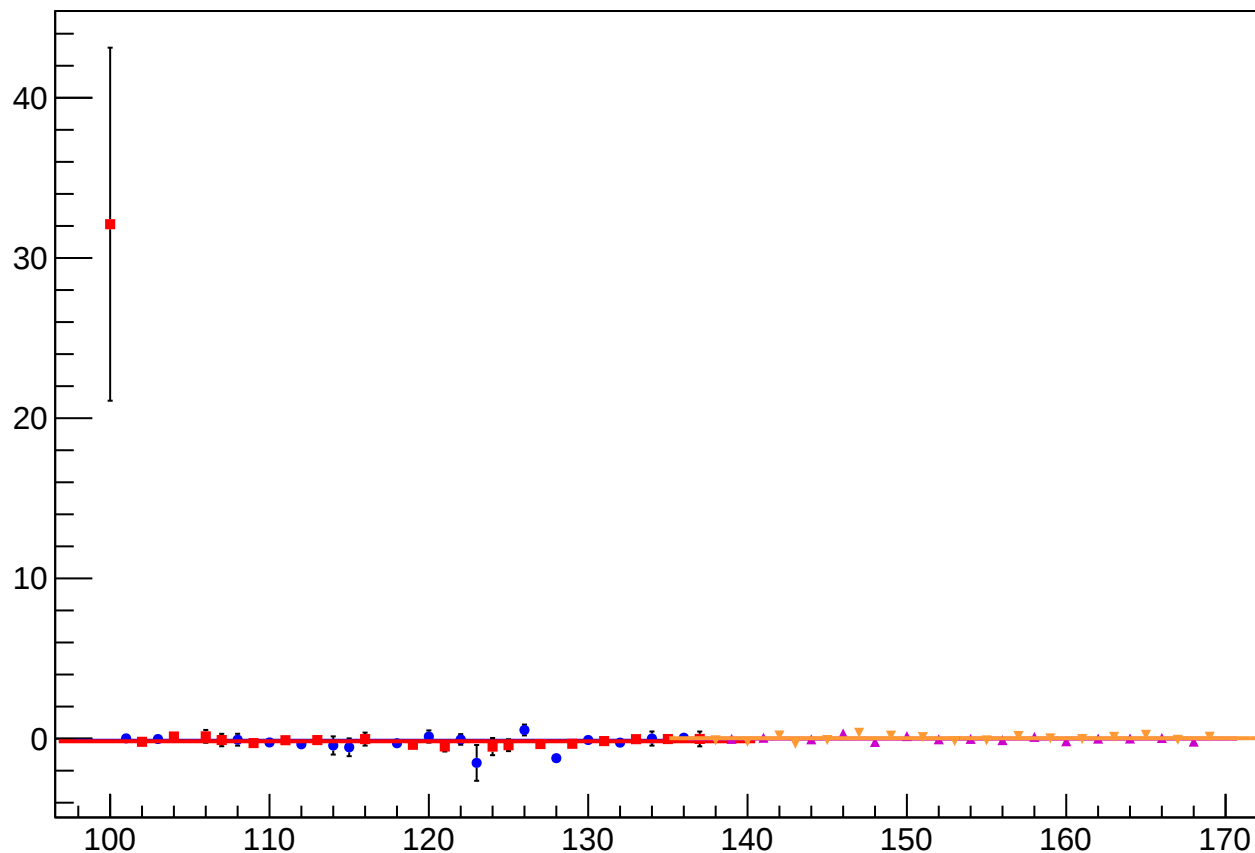
reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



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 : 18.8/18
 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 : 45.1/35
 In: -0.095+/-0.022 χ^2/NDF : 43.6/31
 Out: -0.076+/-0.021 χ^2/NDF : 37.0/35
 All: -0.085+/-0.015 χ^2/NDF : 81.0/67

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.025 ± 0.035 $\chi^2/\text{NDF}: 23.2/16$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: -0.003 ± 0.036 $\chi^2/\text{NDF}: 14.1/14$

Left: 0.011 ± 0.025 $\chi^2/\text{NDF}: 37.6/31$

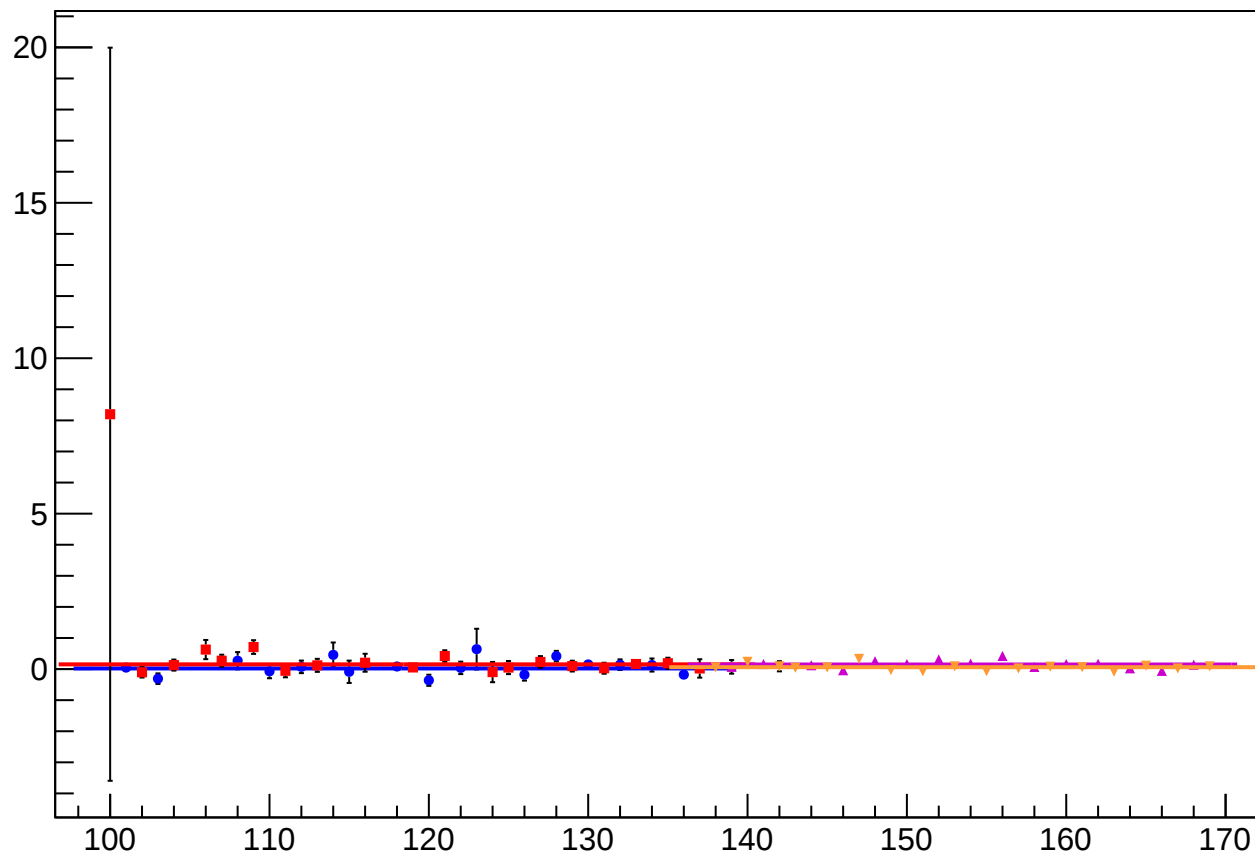
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.032 ± 0.032 $\chi^2/\text{NDF}: 42.8/31$

Out: -0.013 ± 0.031 $\chi^2/\text{NDF}: 43.7/35$

All: -0.022 ± 0.022 $\chi^2/\text{NDF}: 86.7/67$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.061+/-0.029 χ^2/NDF :15.0/16

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.147+/-0.031 χ^2/NDF :14.9/14

Left: 0.101+/-0.021 χ^2/NDF : 33.9/31

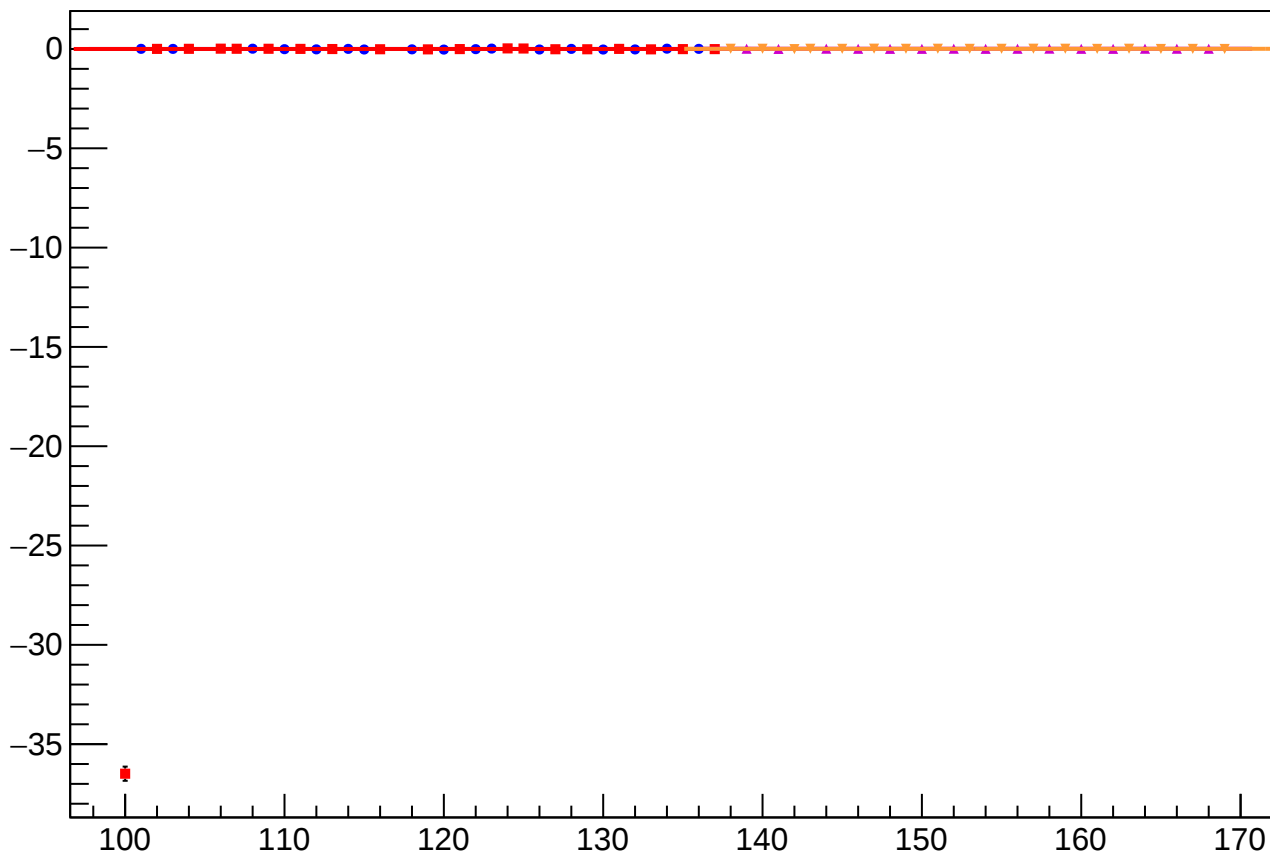
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.102+/-0.025 χ^2/NDF :42.5/31

Out: 0.088+/-0.025 χ^2/NDF :35.1/35

All: 0.095+/-0.018 χ^2/NDF : 77.7/67

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: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

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

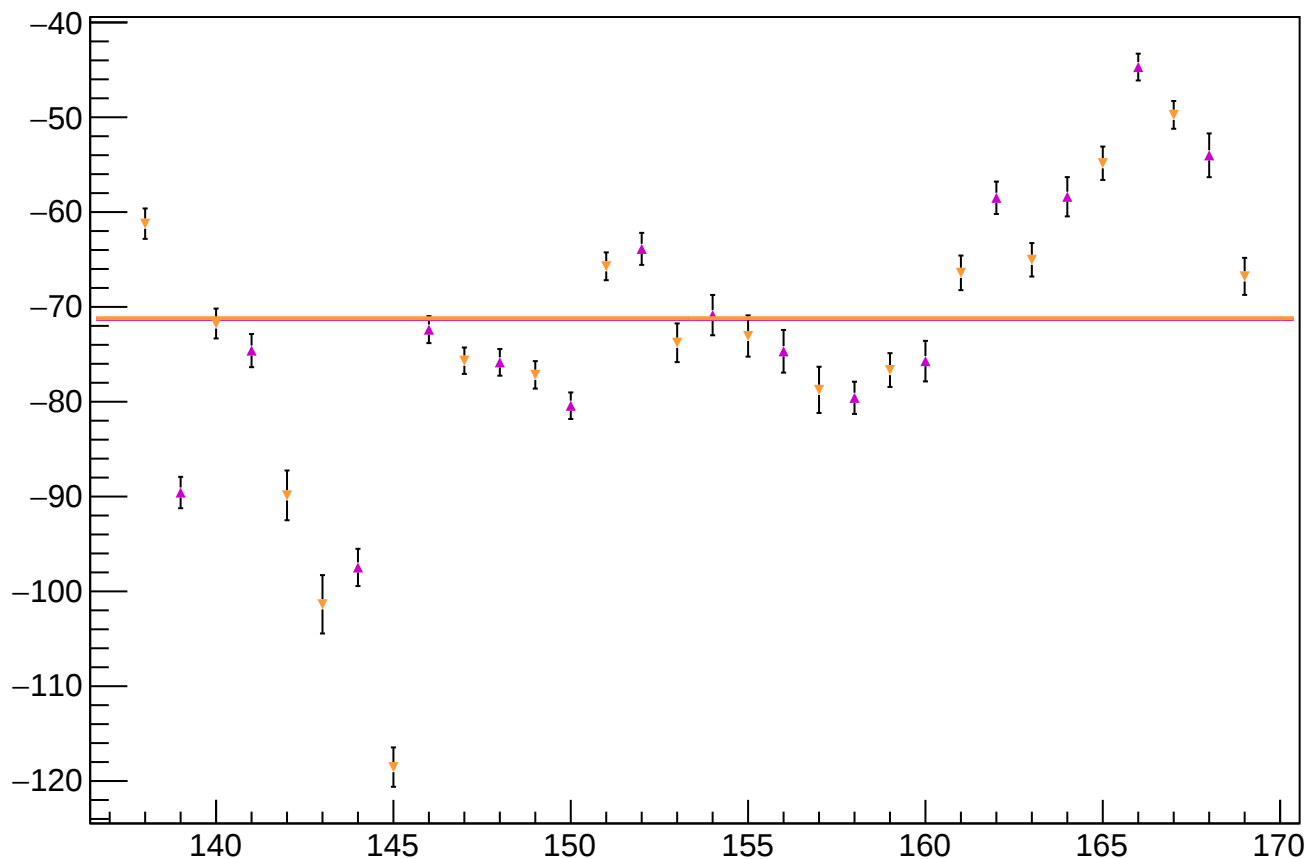
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 53.3/31

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10470.8/35

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10524.8/67

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

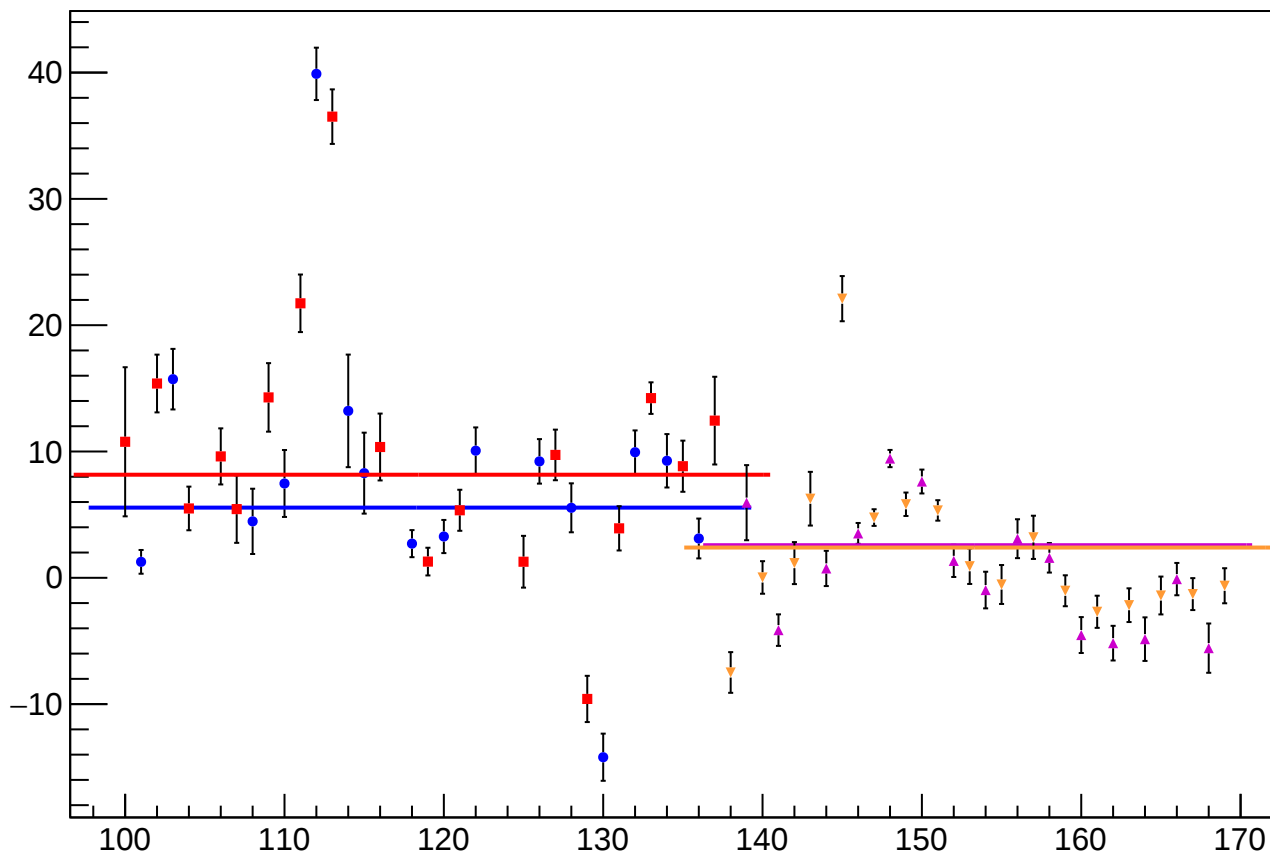
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.582 ± 0.309 $\chi^2/\text{NDF}: 268.2/14$

Left: 2.484 ± 0.213 $\chi^2/\text{NDF}: 534.6/31$

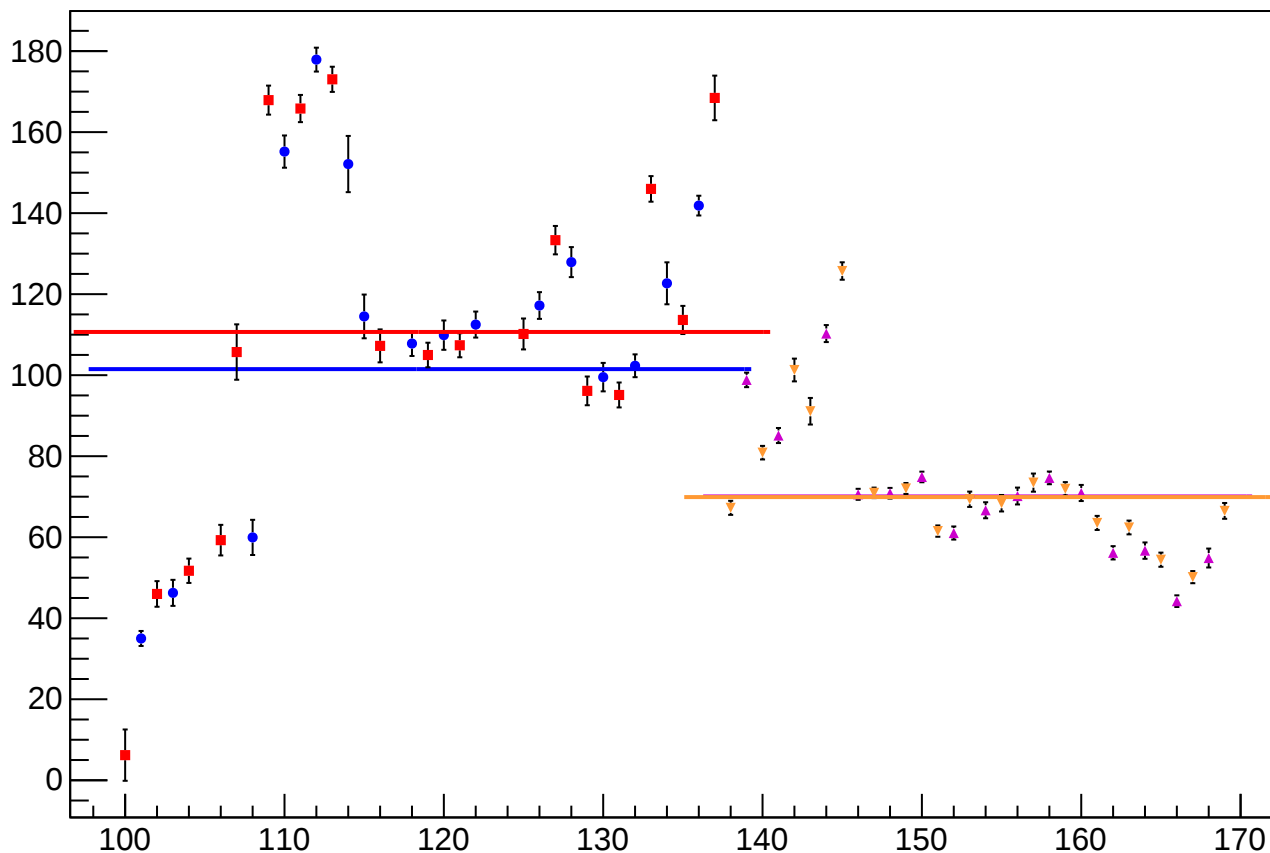
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.613 ± 0.250 $\chi^2/\text{NDF}: 762.4/30$

Out: 4.104 ± 0.247 $\chi^2/\text{NDF}: 787.2/34$

All: 3.861 ± 0.175 $\chi^2/\text{NDF}: 1551.5/65$

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: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

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

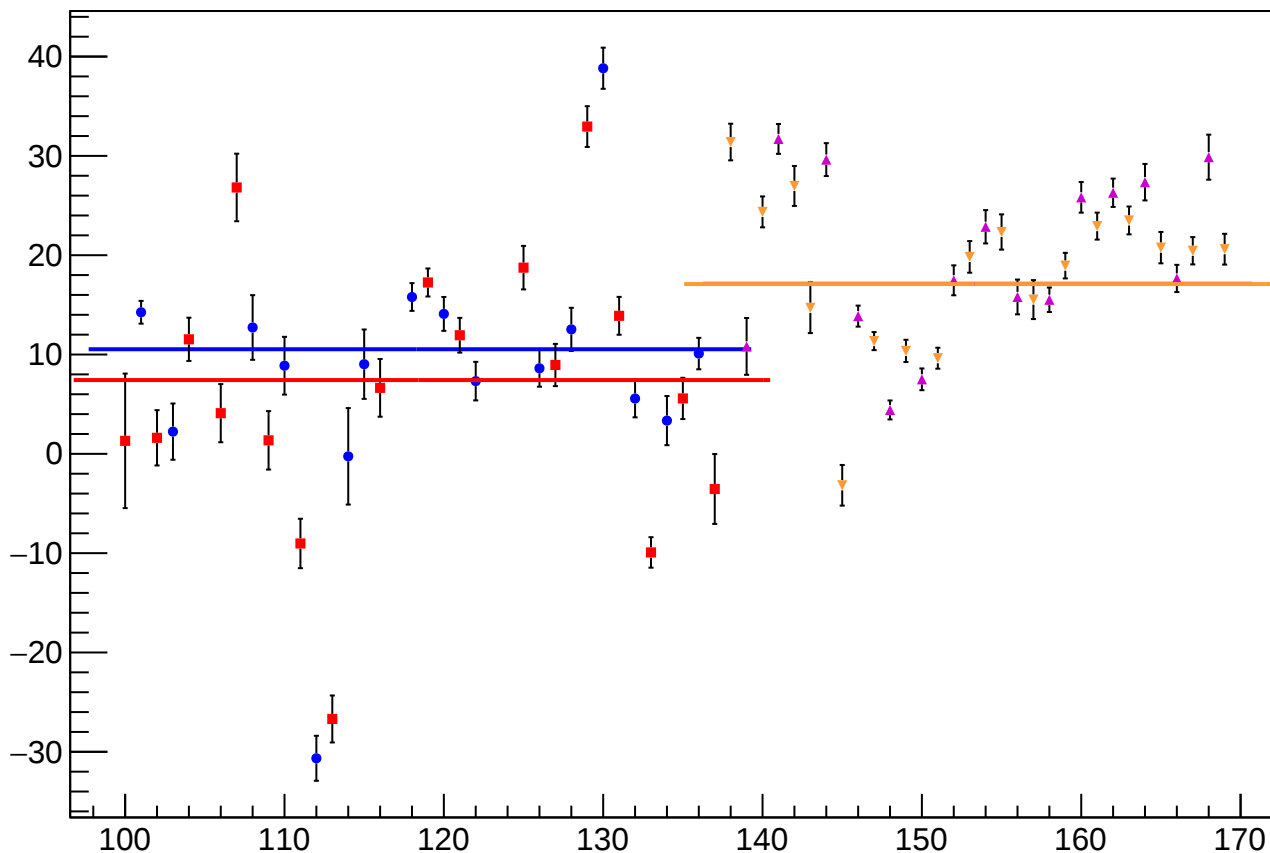
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 77.075 $\pm$ 0.382 χ^2 /NDF:5375.0/30

Out: 78.242 $\pm$ 0.378 χ^2 /NDF:5619.6/34

All: 77.664 $\pm$ 0.269 χ^2 /NDF: 10999.3/65

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: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

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

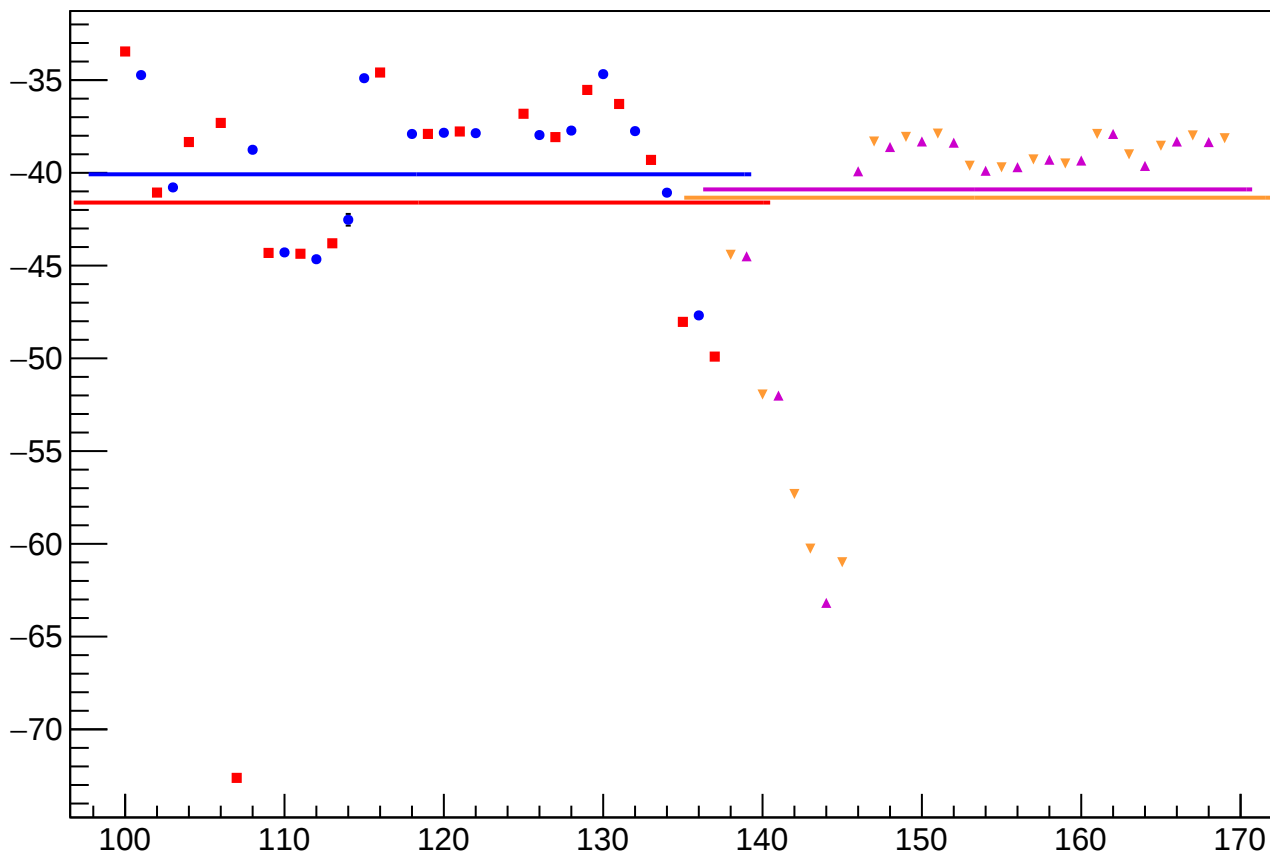
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.783 $\pm$ 0.294 χ^2 /NDF: 1265.8/30

Out: 14.124 $\pm$ 0.290 χ^2 /NDF: 1323.0/34

All: 14.450 $\pm$ 0.206 χ^2 /NDF: 2591.4/65

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -41.339 ± 0.017 χ^2/NDF : 138710.4/16

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.893 ± 0.017 χ^2/NDF : 95750.9/14

Left: -41.121 ± 0.012 χ^2/NDF : 234801.2/31

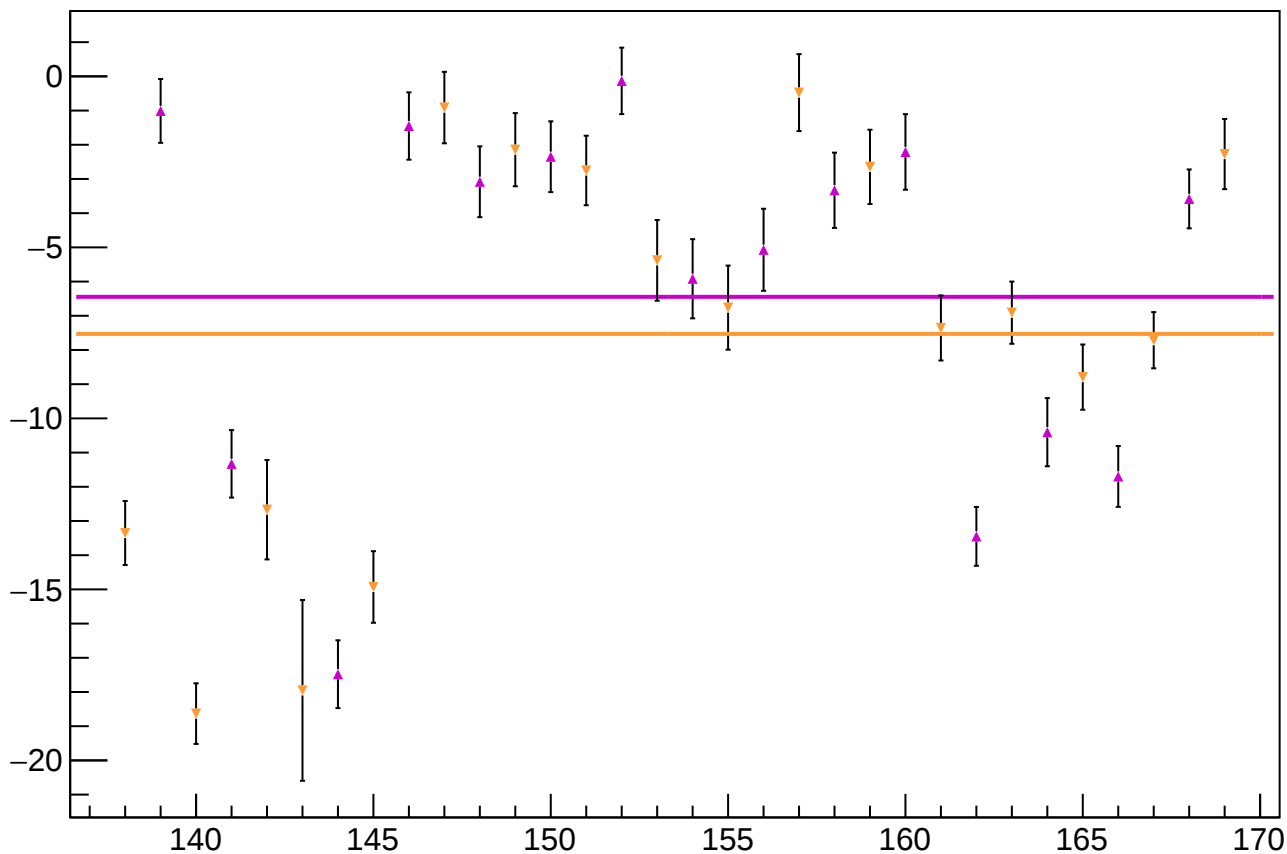
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.671 ± 0.015 χ^2/NDF : 121503.2/30

Out: -41.408 ± 0.015 χ^2/NDF : 200629.5/34

All: -41.044 ± 0.010 χ^2/NDF : 323397.1/65

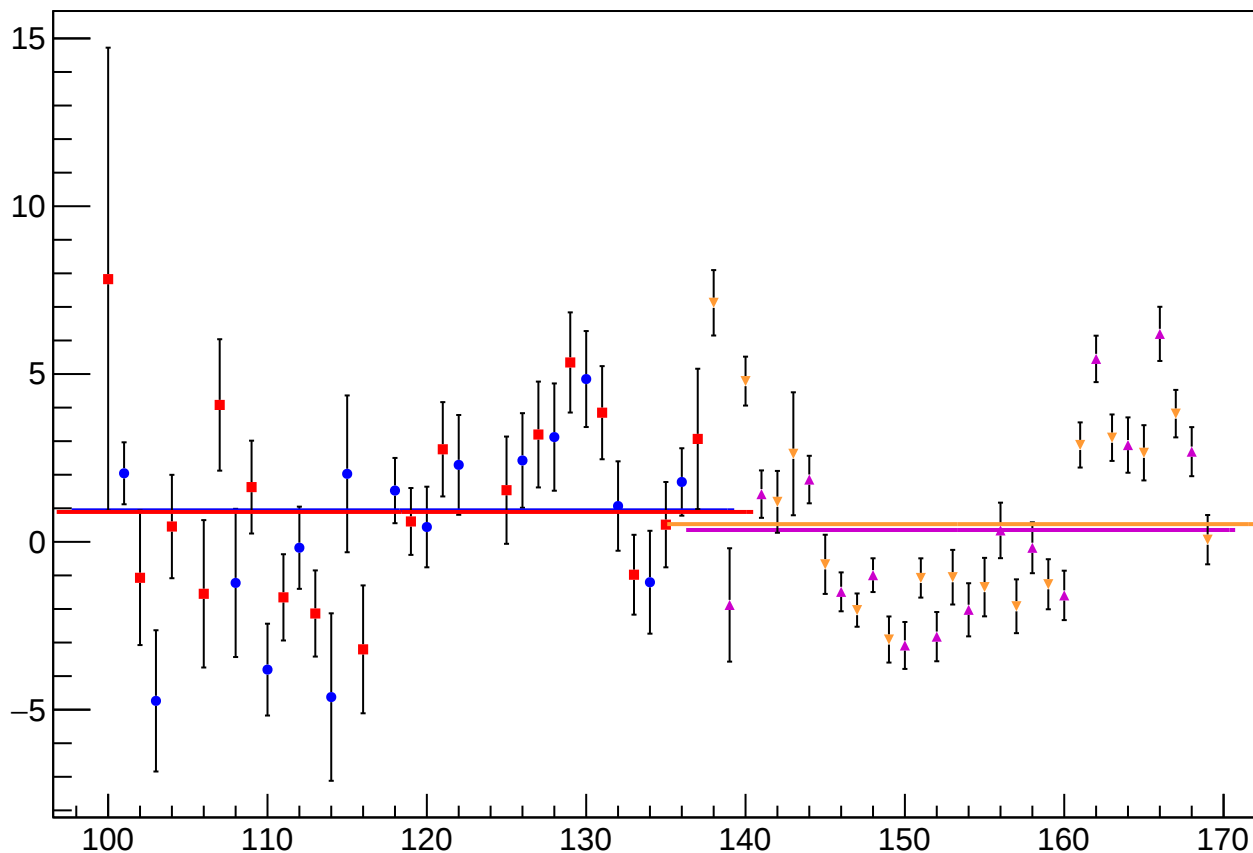
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 0.528 ± 0.181 $\chi^2/\text{NDF}: 221.3/16$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.353 ± 0.186 $\chi^2/\text{NDF}: 211.6/14$

Left: 0.444 ± 0.130 $\chi^2/\text{NDF}: 433.4/31$

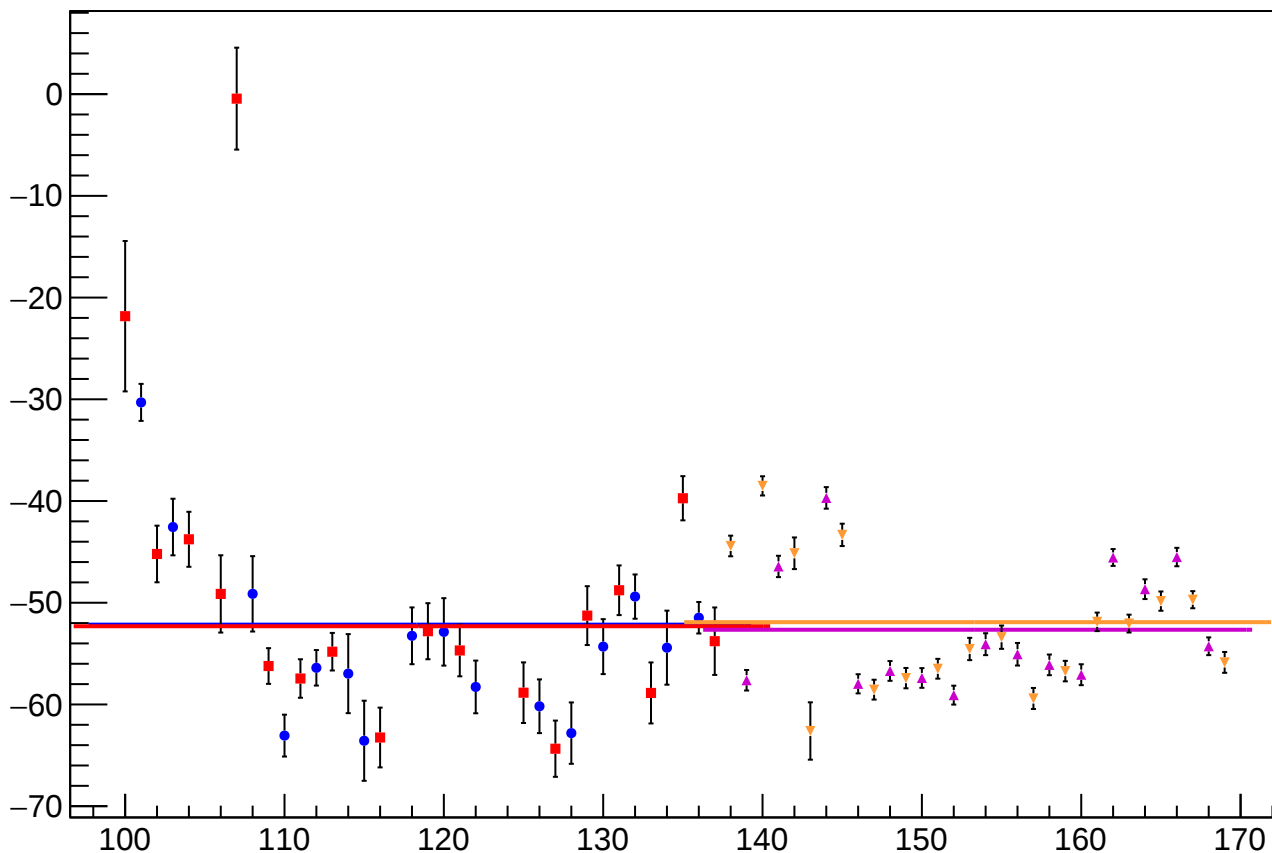
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.490 ± 0.163 $\chi^2/\text{NDF}: 256.1/30$

Out: 0.604 ± 0.161 $\chi^2/\text{NDF}: 263.7/34$

All: 0.547 ± 0.115 $\chi^2/\text{NDF}: 520.1/65$

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: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -52.656 ± 0.251 χ^2/NDF : 522.5/14

Left: -52.280 ± 0.177 χ^2/NDF : 1085.1/31

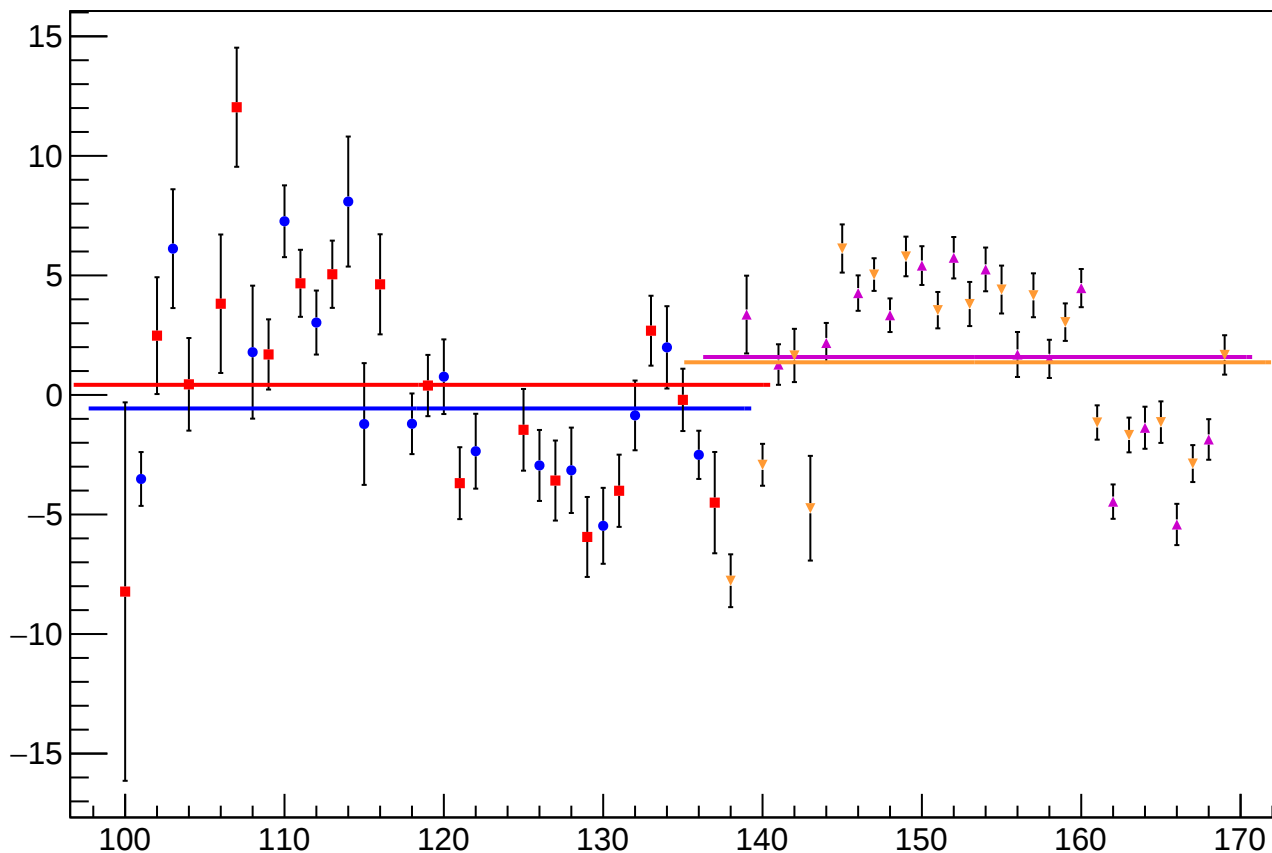
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.584 ± 0.233 χ^2/NDF : 754.2/30

Out: -51.966 ± 0.231 χ^2/NDF : 793.3/34

All: -52.273 ± 0.164 χ^2/NDF : 1551.0/65

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: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.587 ± 0.217 χ^2/NDF : 259.8/14

Left: 1.473 ± 0.151 χ^2/NDF : 546.8/31

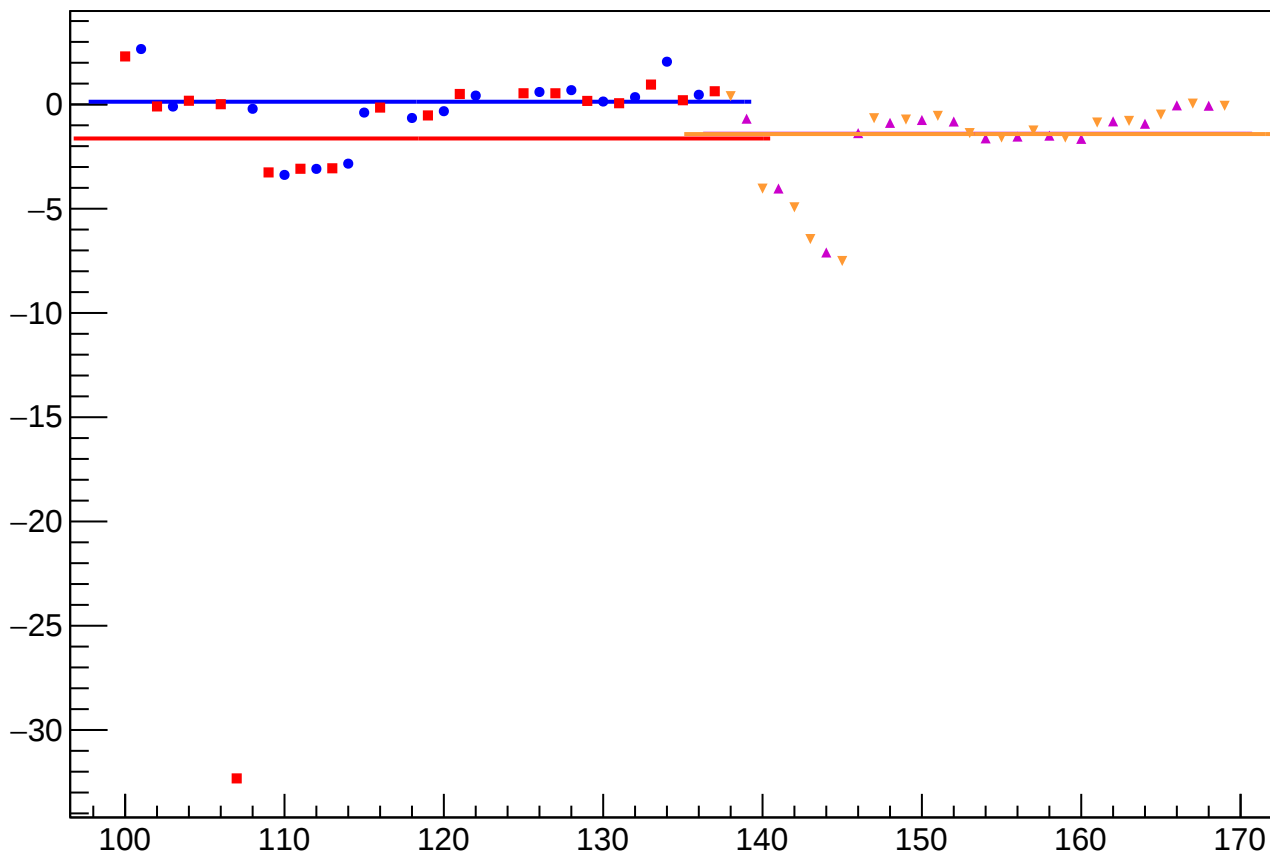
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.068 ± 0.189 χ^2/NDF : 365.4/30

Out: 1.162 ± 0.186 χ^2/NDF : 386.1/34

All: 1.116 ± 0.132 χ^2/NDF : 751.6/65

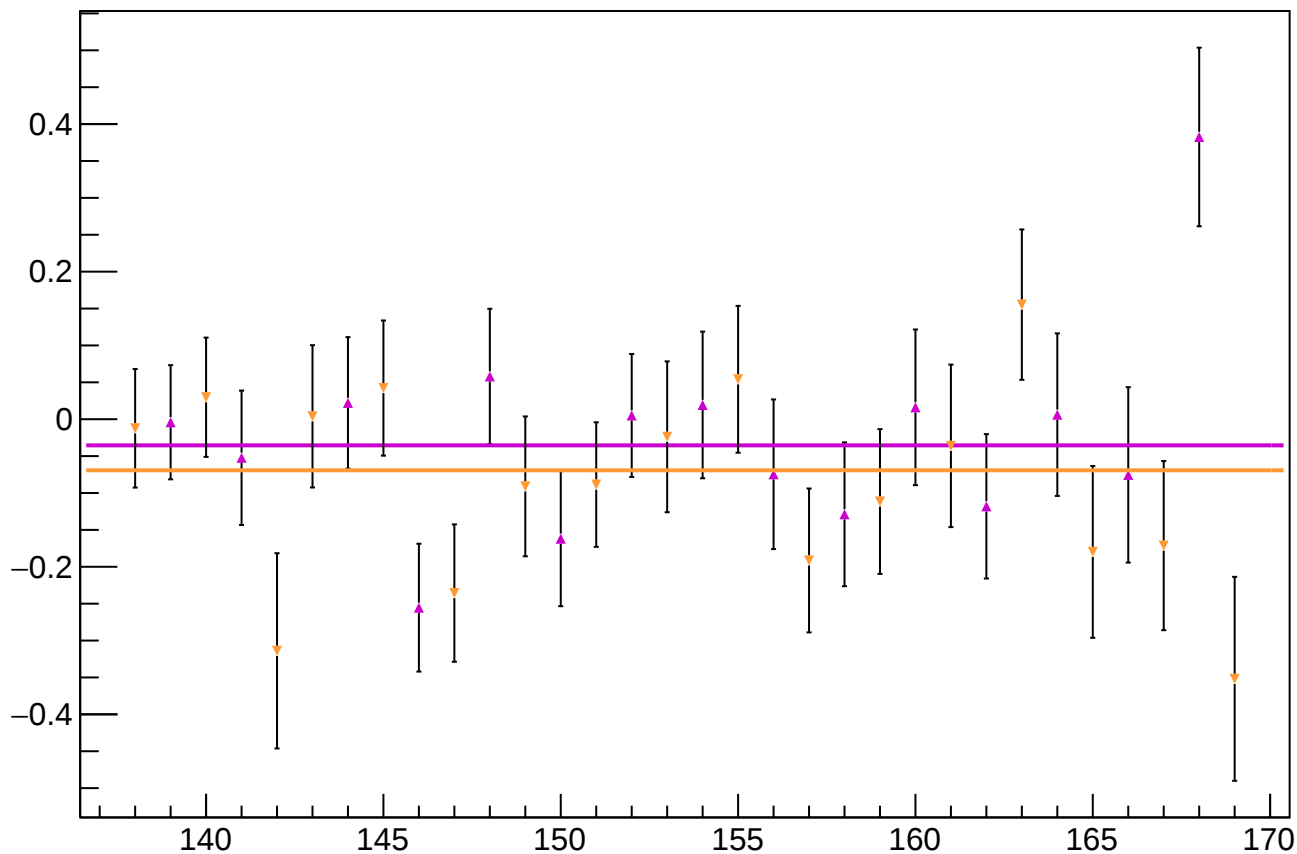
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 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: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.136 ± 0.009 $\chi^2/\text{NDF}: 32860.7/30$
 Out: -1.455 ± 0.009 $\chi^2/\text{NDF}: 114415.7/34$
 All: -1.297 ± 0.006 $\chi^2/\text{NDF}: 147910.6/65$

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

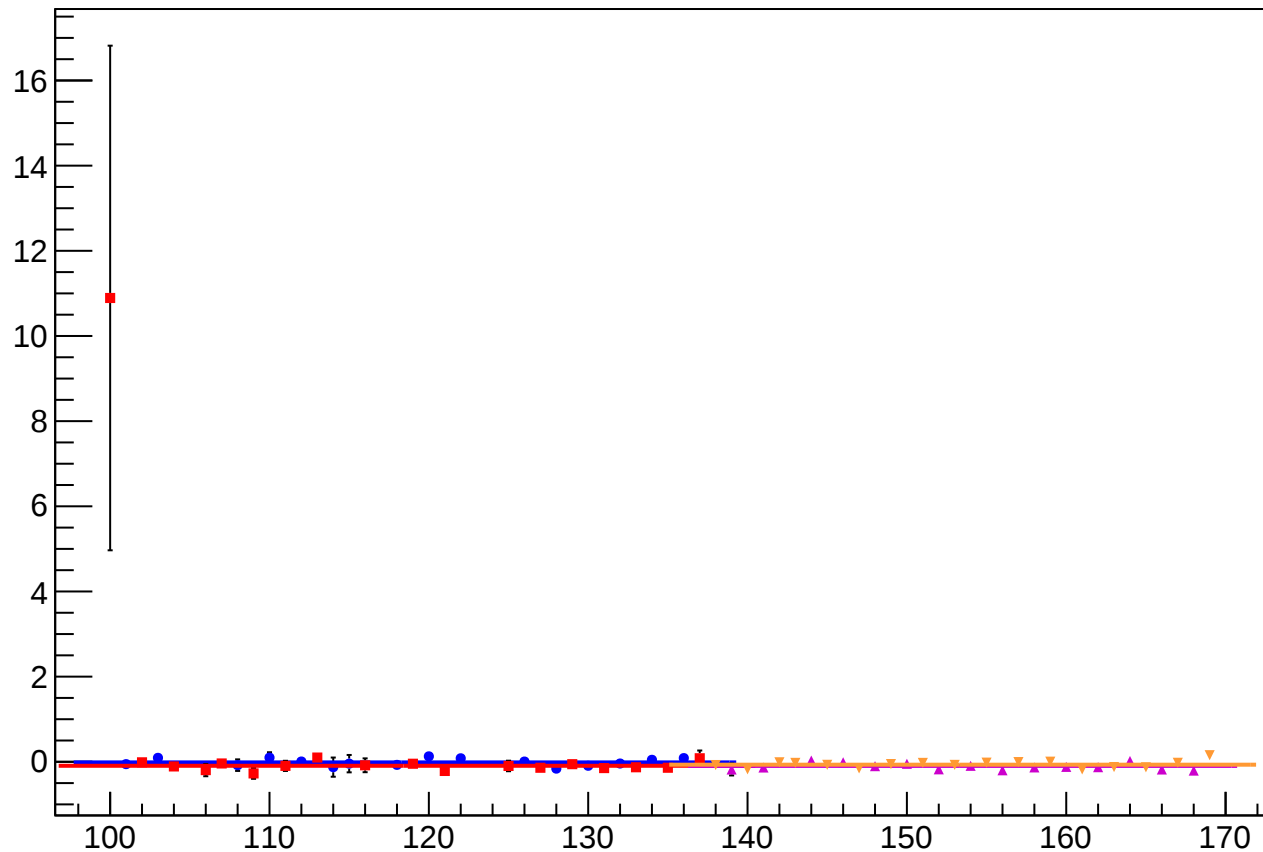
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.097 ± 0.018 χ^2/NDF : 15.6/14

Left: -0.082 ± 0.012 χ^2/NDF : 35.8/31

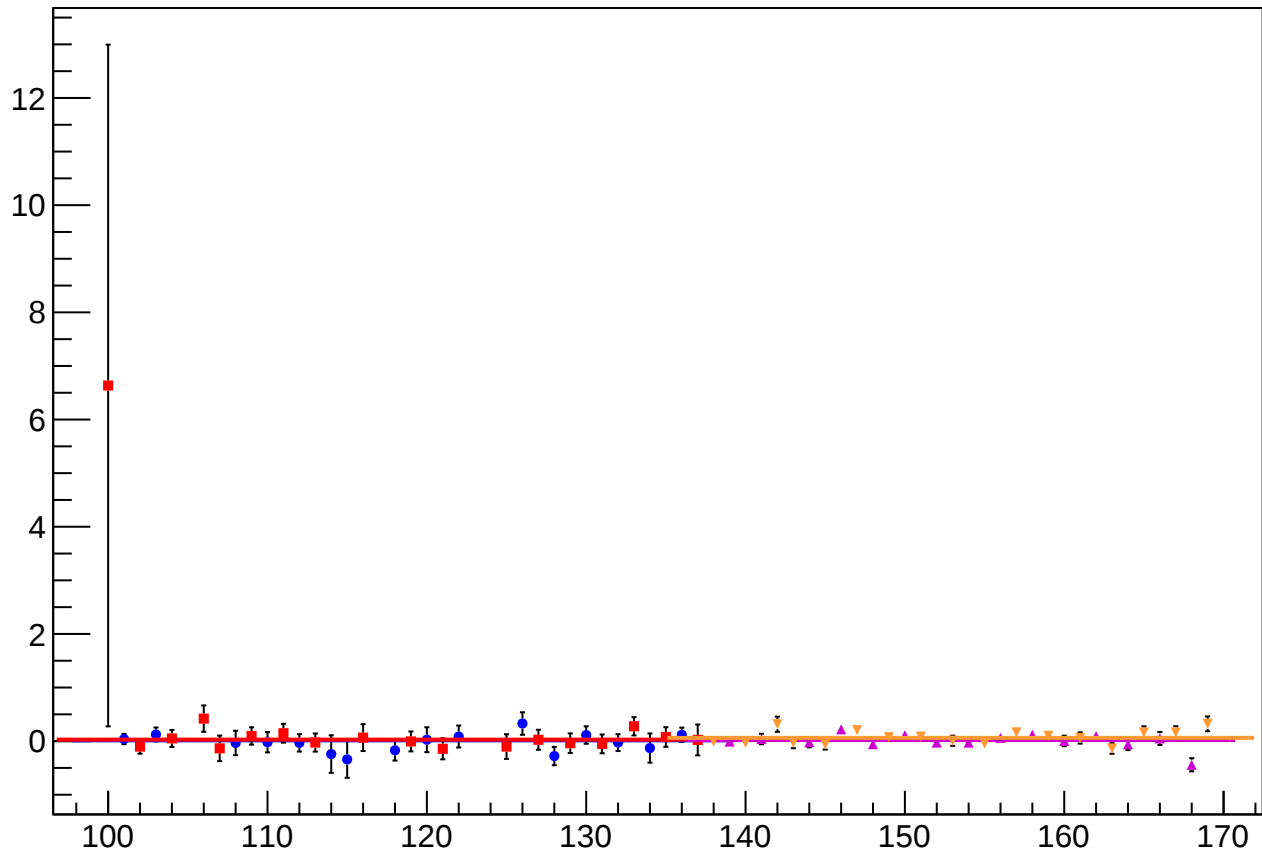
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.067 ± 0.014 χ^2/NDF : 36.1/30

Out: -0.076 ± 0.014 χ^2/NDF : 33.0/34

All: -0.071 ± 0.010 χ^2/NDF : 69.4/65

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.061+/-0.024 χ^2/NDF : 22.6/16

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.020+/-0.024 χ^2/NDF : 25.5/14

Left: 0.041+/-0.017 χ^2/NDF : 49.6/31

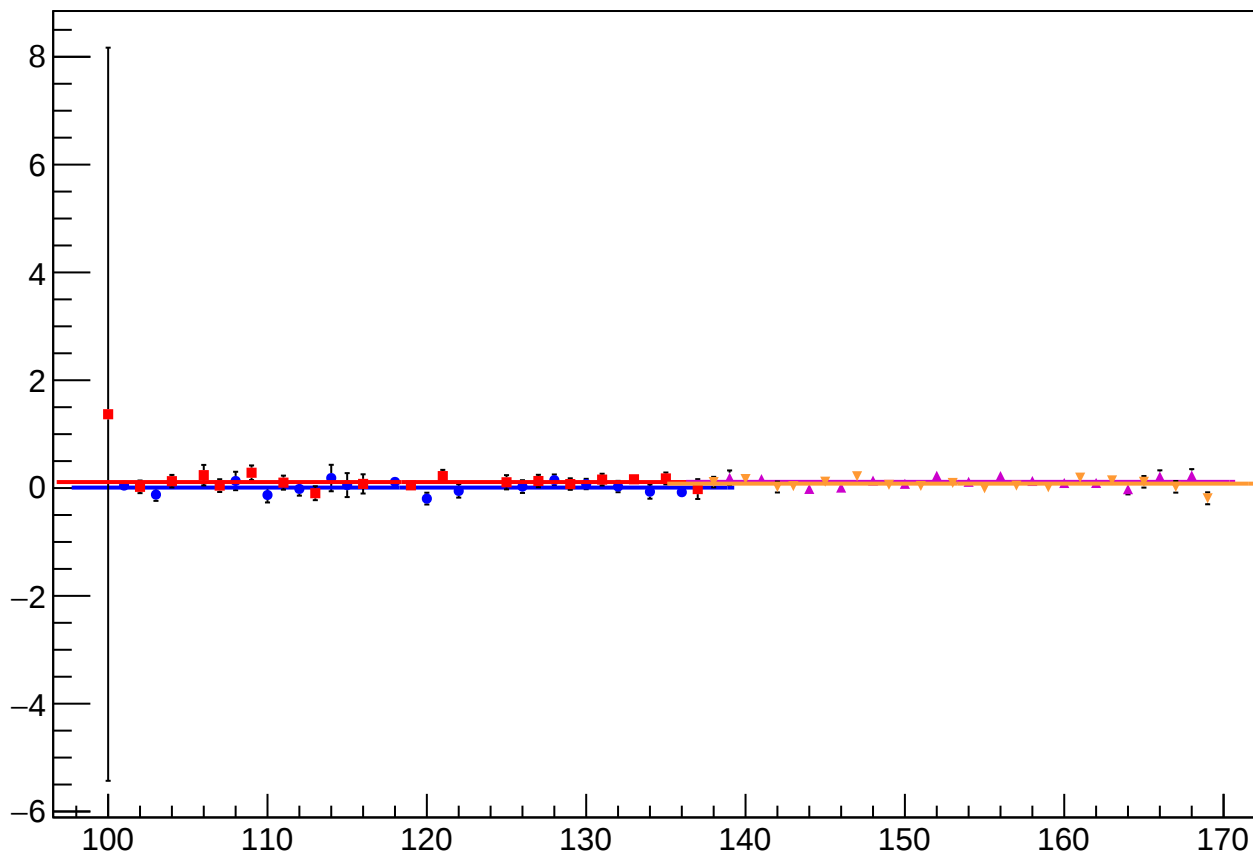
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.019+/-0.021 χ^2/NDF : 35.6/30

Out: 0.054+/-0.021 χ^2/NDF : 32.6/34

All: 0.036+/-0.015 χ^2/NDF : 69.6/65

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: 8.6/17

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

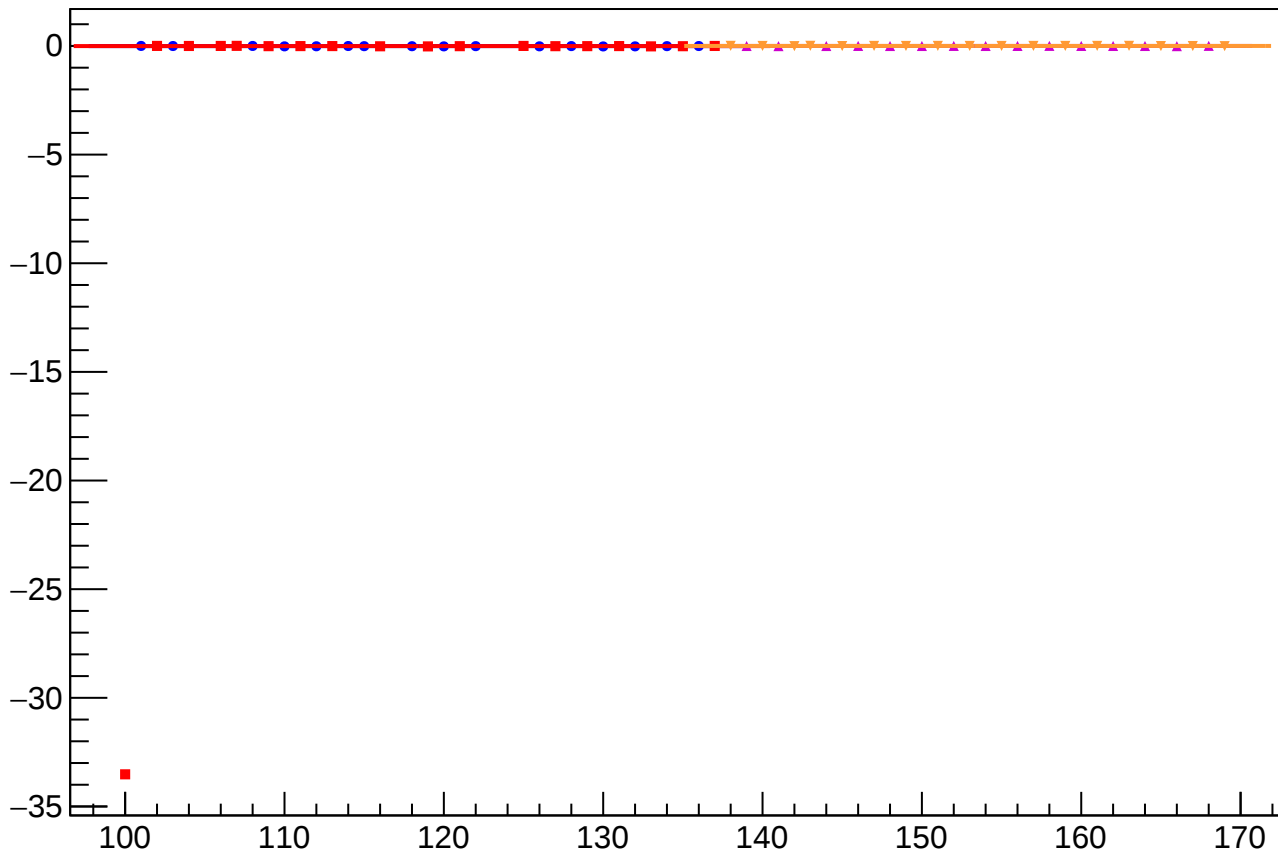
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.075 $\pm$ 0.016 χ^2 /NDF:37.1/30

Out: 0.091 $\pm$ 0.016 χ^2 /NDF:28.0/34

All: 0.083 $\pm$ 0.012 χ^2 /NDF: 65.6/65

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 $\chi^2/\text{NDF}: 22.3/15$

Left Out: 0.001 ± 0.001 $\chi^2/\text{NDF}: 16.9/16$

Right Out: -0.006 ± 0.001 $\chi^2/\text{NDF}: 26508.9/17$

Left In: 0.000 ± 0.001 $\chi^2/\text{NDF}: 11.2/14$

Left: 0.001 ± 0.001 $\chi^2/\text{NDF}: 28.6/31$

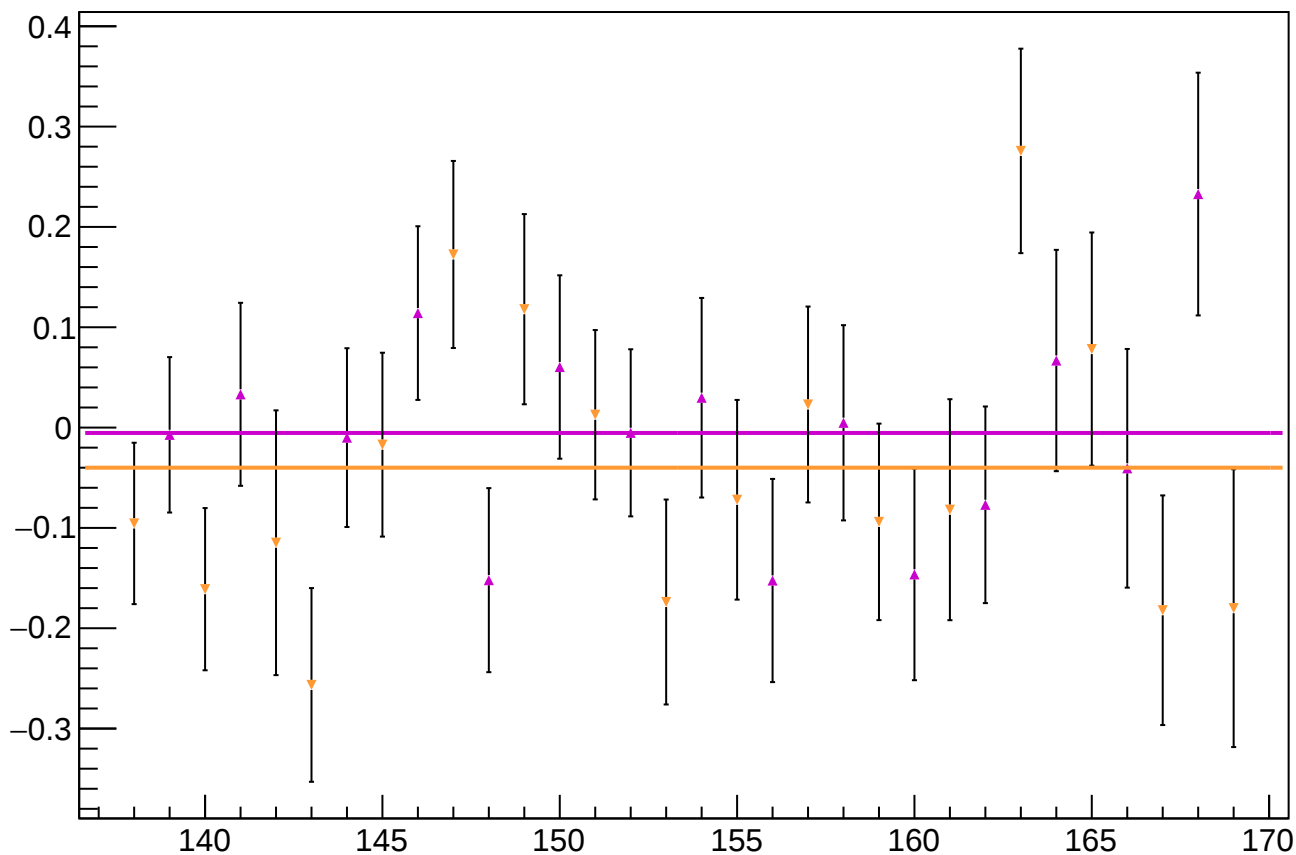
Right: -0.006 ± 0.001 $\chi^2/\text{NDF}: 26531.2/33$

In: -0.002 ± 0.001 $\chi^2/\text{NDF}: 44.1/30$

Out: -0.001 ± 0.001 $\chi^2/\text{NDF}: 26541.8/34$

All: -0.001 ± 0.001 $\chi^2/\text{NDF}: 26586.2/65$

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

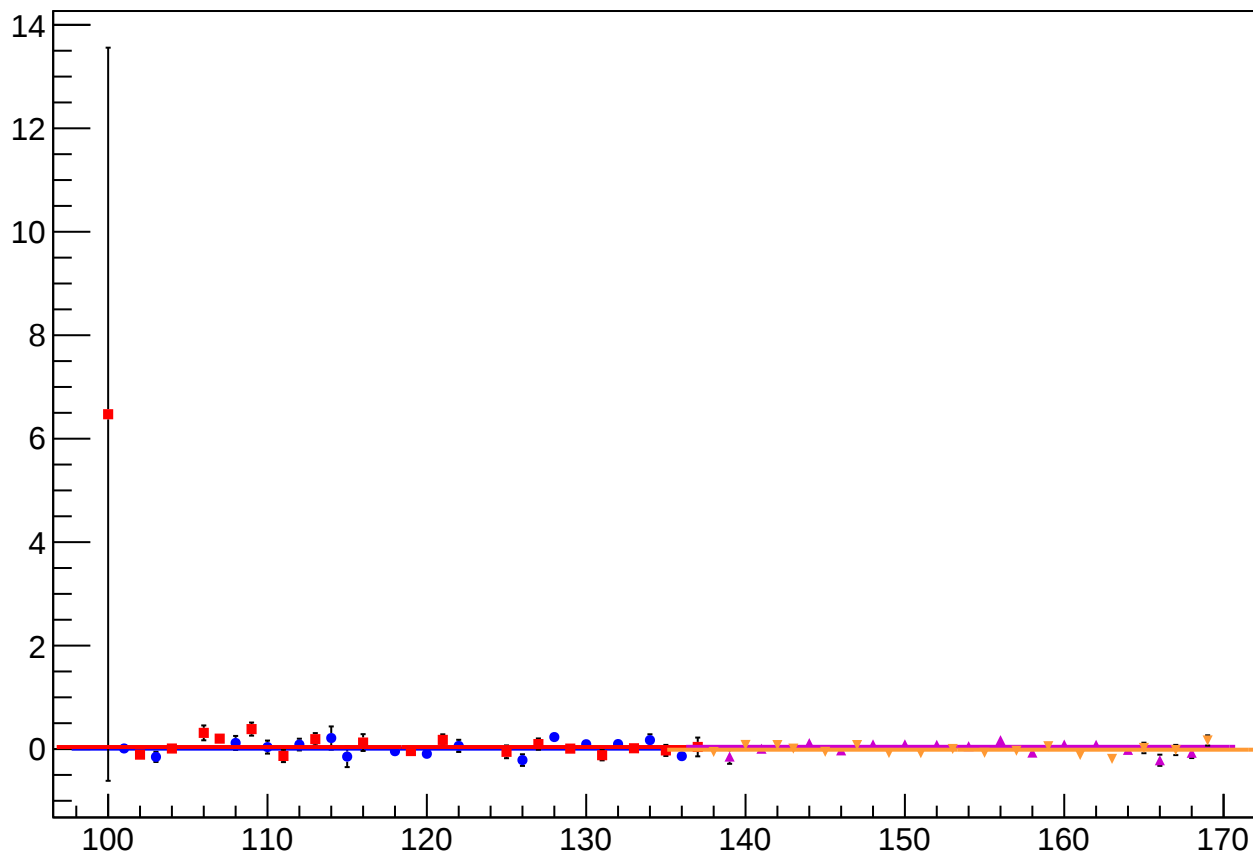
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.012 $\pm$ 0.017 χ^2 /NDF:23.0/16

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.043 $\pm$ 0.018 χ^2 /NDF:21.6/14

Left: 0.014 $\pm$ 0.012 χ^2 /NDF: 49.9/31

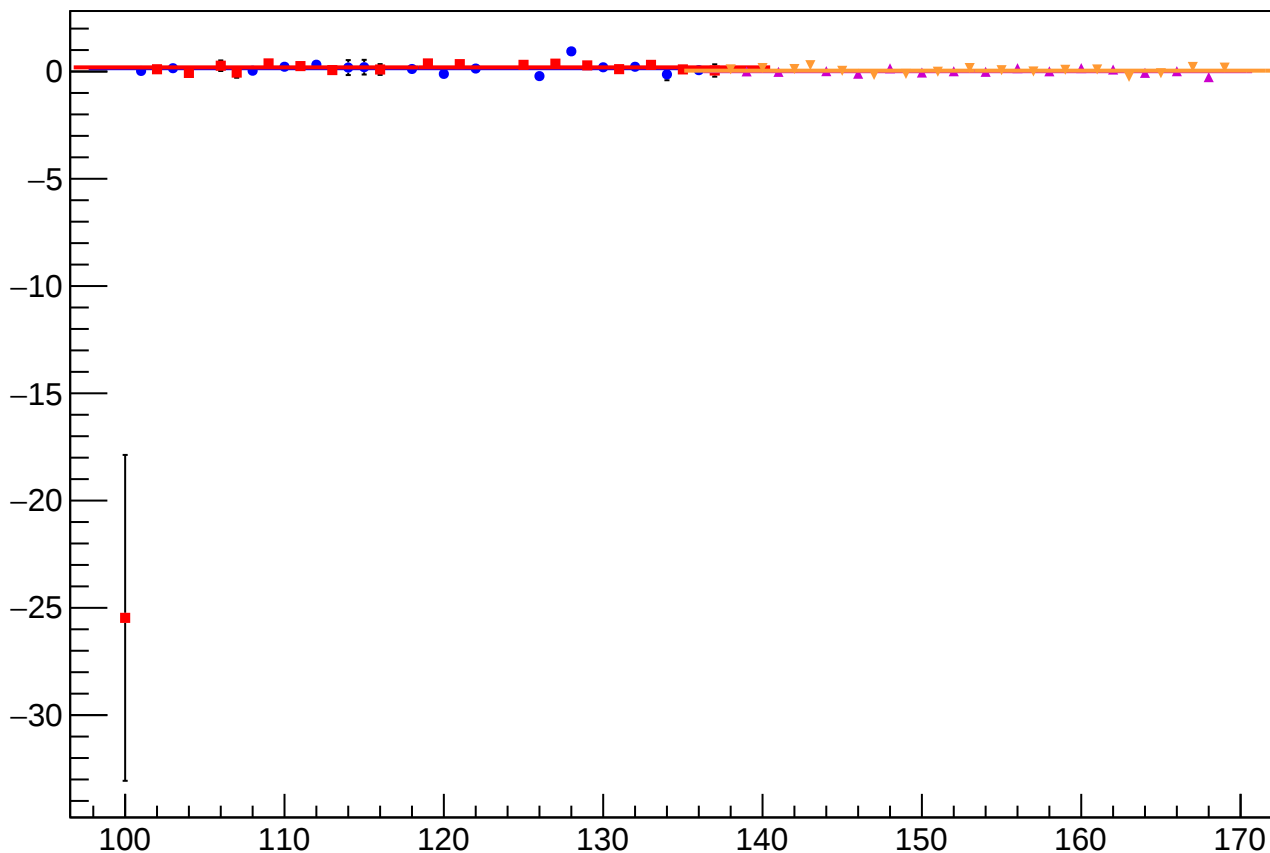
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.030 $\pm$ 0.014 χ^2 /NDF:46.7/30

Out: 0.004 $\pm$ 0.014 χ^2 /NDF:54.5/34

All: 0.017 $\pm$ 0.010 χ^2 /NDF: 103.0/65

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.039+/-0.024 χ^2/NDF : 32.8/16

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.014+/-0.024 χ^2/NDF : 15.9/14

Left: 0.027+/-0.017 χ^2/NDF : 49.3/31

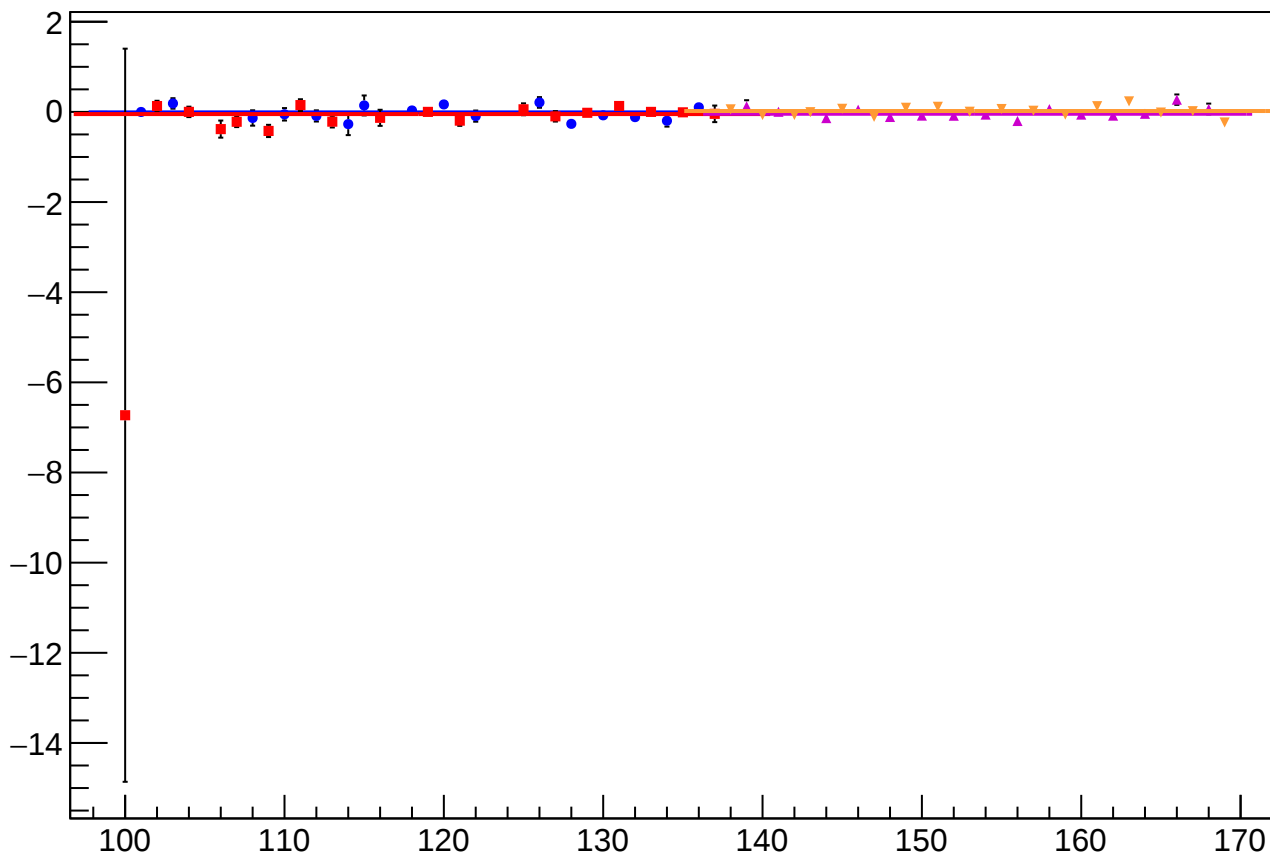
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.048+/-0.021 χ^2/NDF : 54.5/30

Out: 0.073+/-0.021 χ^2/NDF : 64.0/34

All: 0.060+/-0.015 χ^2/NDF : 119.2/65

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 : 26.2/17

Left In: -0.041 ± 0.021 χ^2/NDF : 22.0/14

Left: -0.010 ± 0.014 χ^2/NDF : 52.2/31

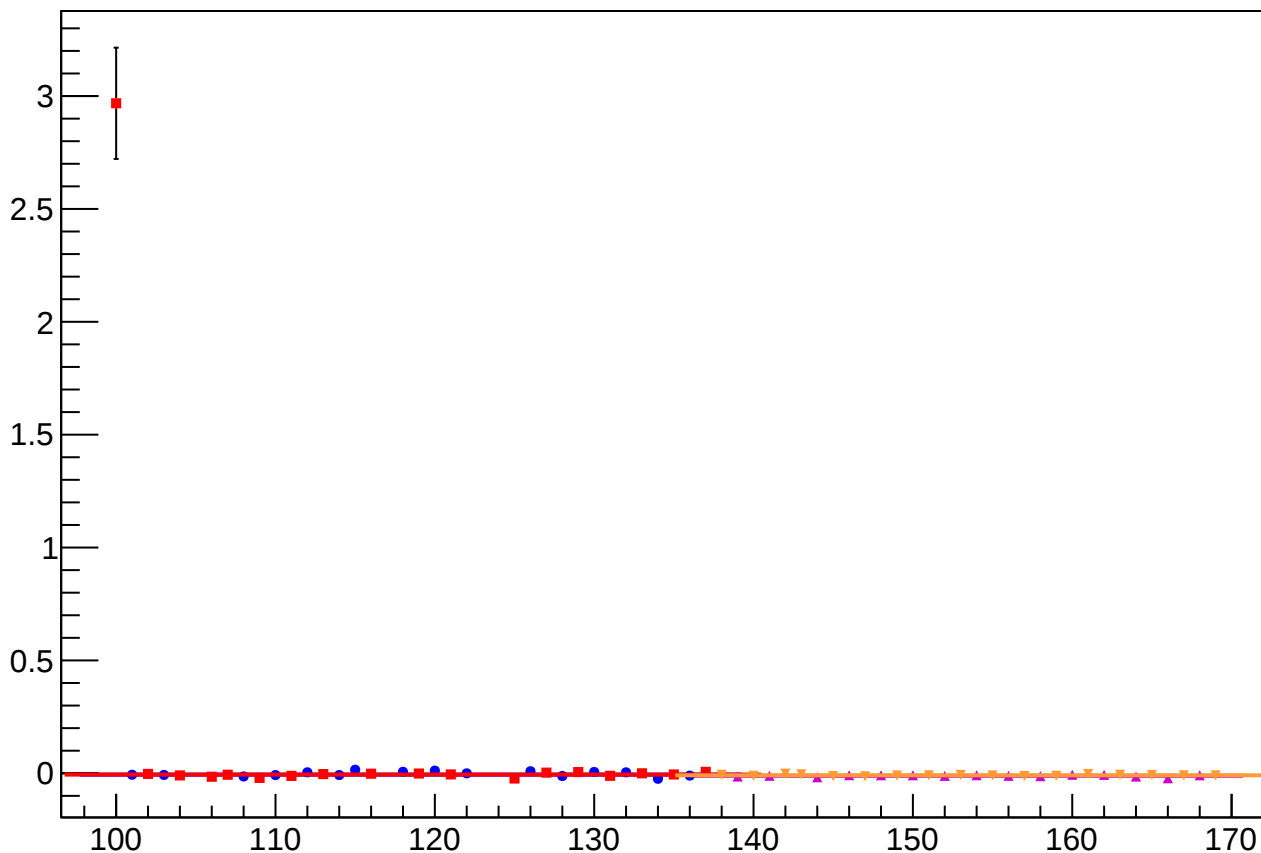
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.030 ± 0.016 χ^2/NDF : 46.2/30

Out: -0.003 ± 0.016 χ^2/NDF : 55.8/34

All: -0.016 ± 0.012 χ^2/NDF : 103.4/65

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009+/-0.001 χ^2 /NDF:10.4/16

Right Out: -0.006+/-0.001 χ^2 /NDF: 165.2/17

Left In: -0.011+/-0.001 χ^2 /NDF:13.6/14

Left: -0.010+/-0.001 χ^2 /NDF: 26.7/31

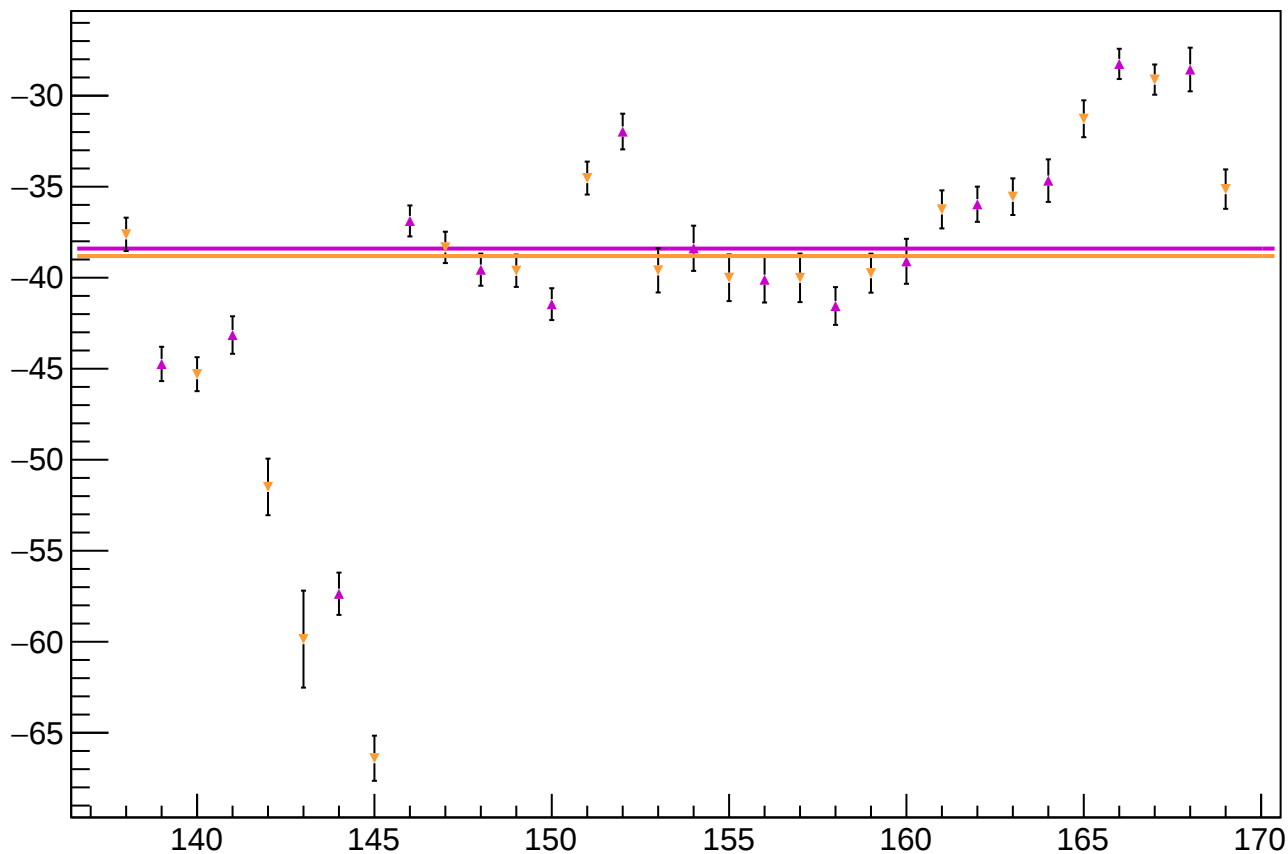
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.010+/-0.001 χ^2 /NDF:51.2/30

Out: -0.008+/-0.001 χ^2 /NDF:178.8/34

All: -0.009+/-0.001 χ^2 /NDF: 231.8/65

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



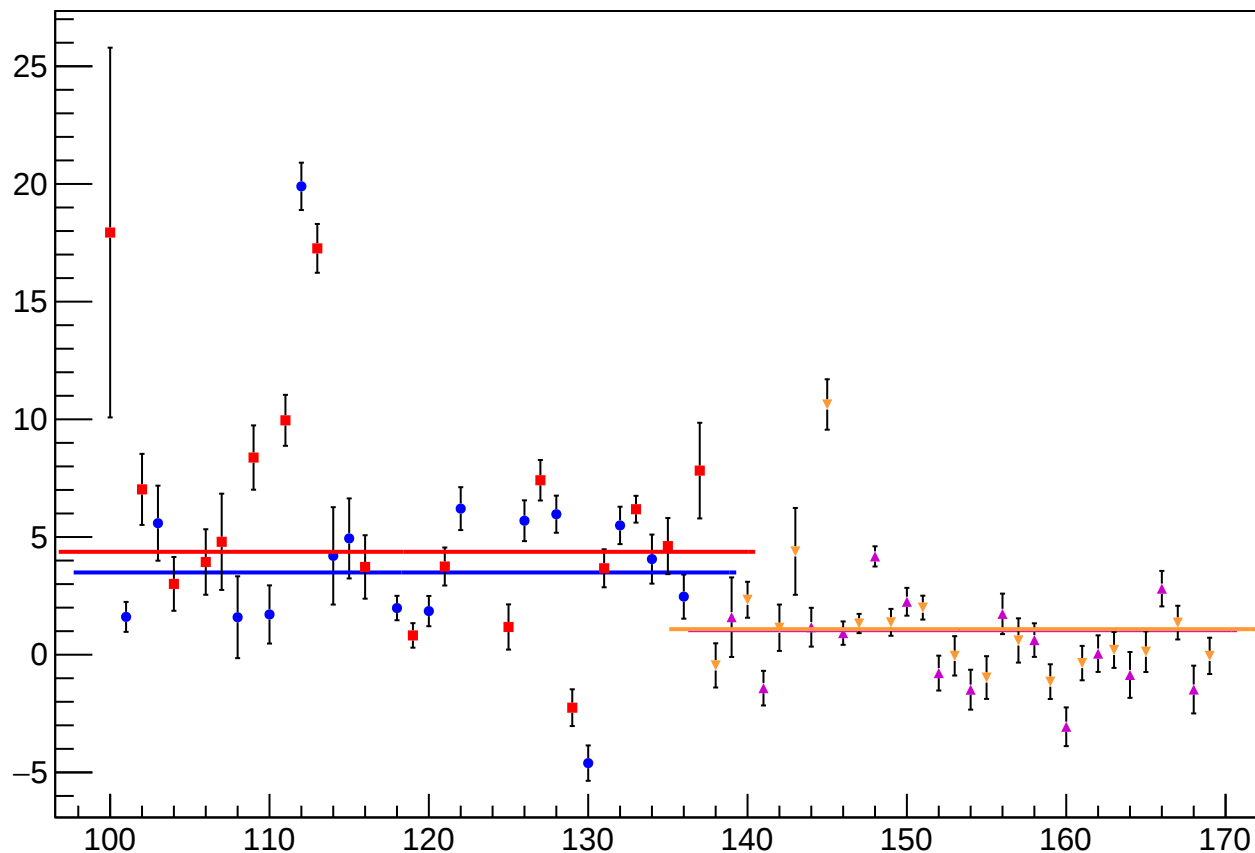
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.810+/-0.256 χ^2/NDF :920.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.400+/-0.261 χ^2/NDF :637.8/14

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: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

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

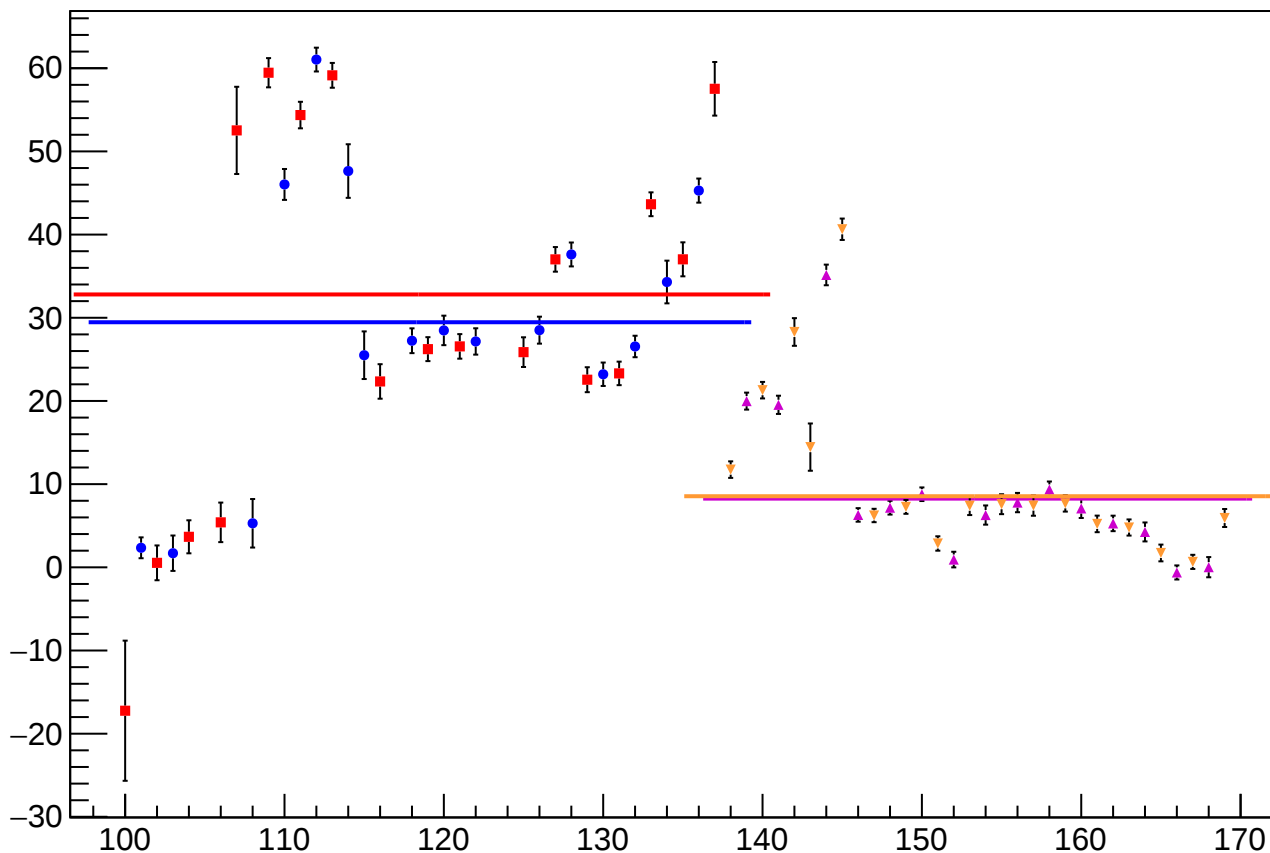
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.065 $\pm$ 0.141 χ^2 /NDF:645.8/30

Out: 2.334 $\pm$ 0.139 χ^2 /NDF:602.8/34

All: 2.201 $\pm$ 0.099 χ^2 /NDF: 1250.5/65

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: 32.804 ± 0.423 χ^2/NDF : 1659.8/17

Left In: 8.260 ± 0.255 χ^2/NDF : 960.3/14

Left: 8.406 ± 0.179 χ^2/NDF : 2124.9/31

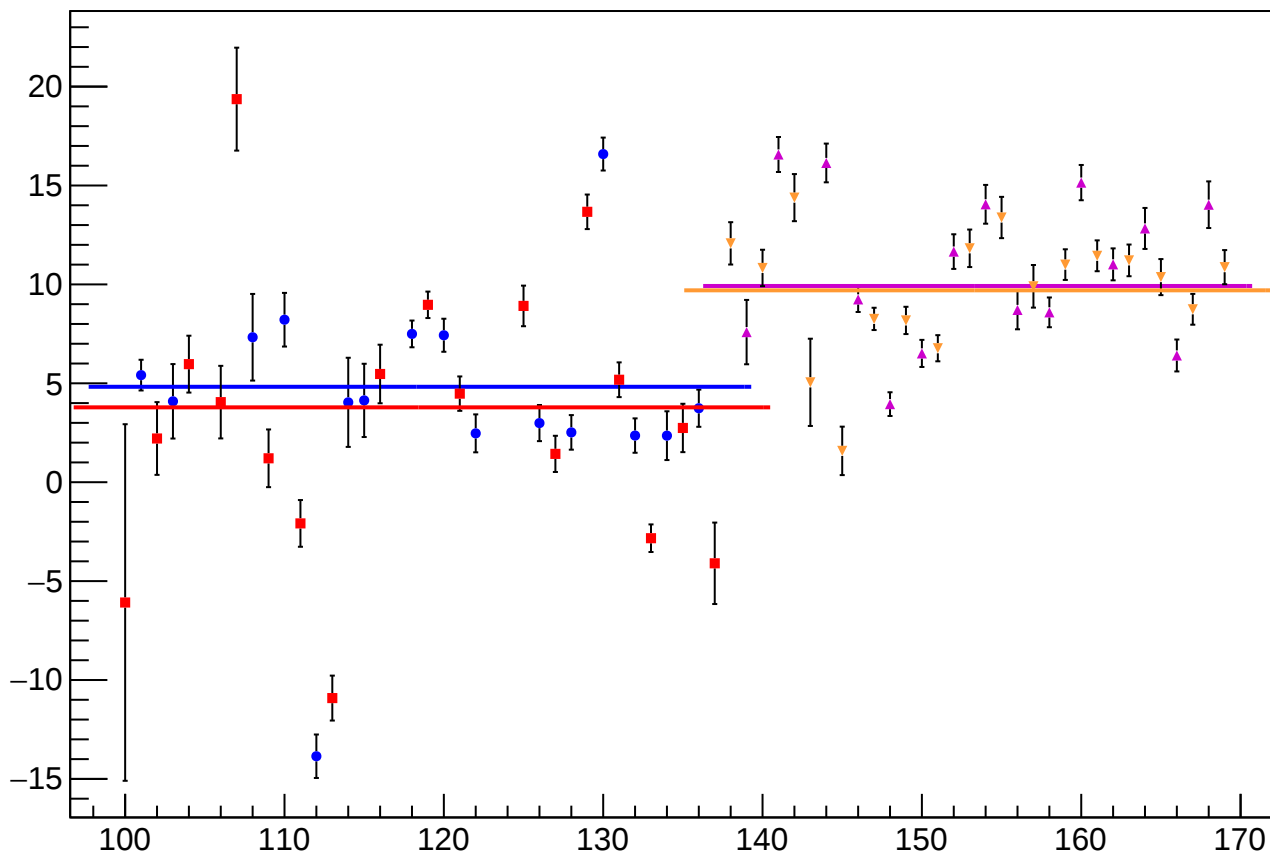
Right: 31.111 ± 0.297 χ^2/NDF : 3183.0/33

In: 14.022 ± 0.218 χ^2/NDF : 4329.9/30

Out: 14.857 ± 0.216 χ^2/NDF : 5257.1/34

All: 14.443 ± 0.153 χ^2/NDF : 9594.4/65

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: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.920 ± 0.217 $\chi^2/\text{NDF}: 325.5/14$

Left: 9.806 ± 0.150 $\chi^2/\text{NDF}: 460.2/31$

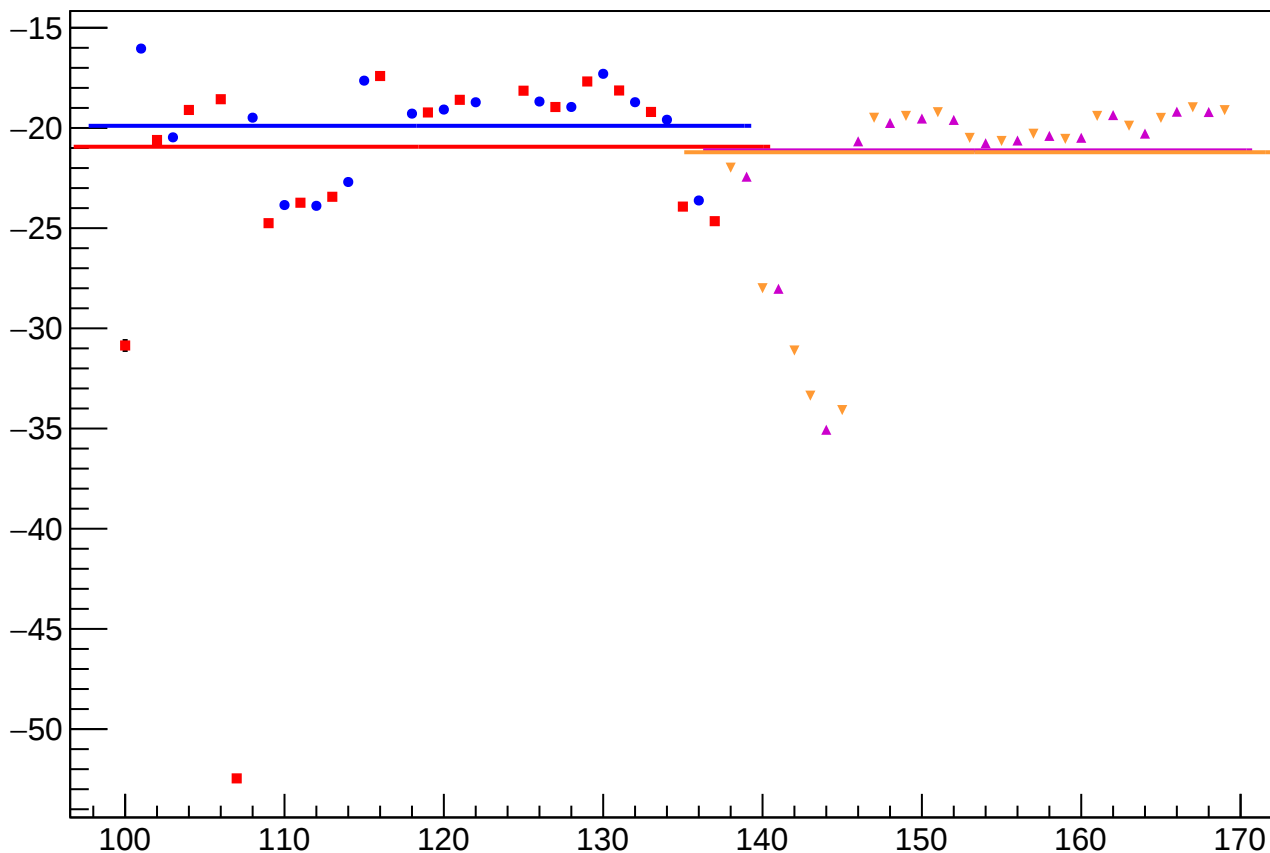
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.746 ± 0.164 $\chi^2/\text{NDF}: 1113.6/30$

Out: 7.380 ± 0.162 $\chi^2/\text{NDF}: 1016.5/34$

All: 7.561 ± 0.115 $\chi^2/\text{NDF}: 2132.6/65$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -21.211 $\pm$ 0.010 χ^2 /NDF:142926.9/16

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -21.118 $\pm$ 0.010 χ^2 /NDF:104456.5/14

Left: -21.165 $\pm$ 0.007 χ^2 /NDF: 247426.2/31

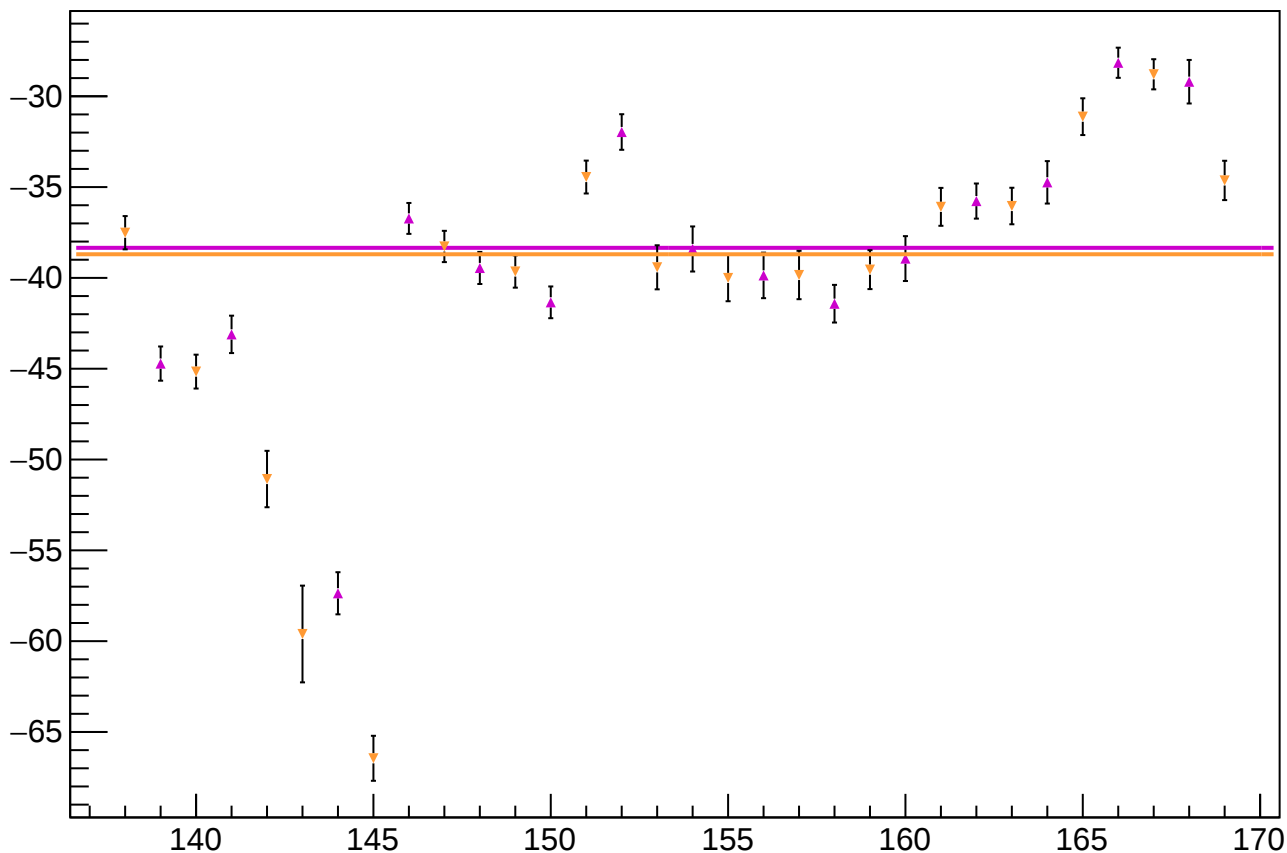
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -20.753 $\pm$ 0.009 χ^2 /NDF:134892.2/30

Out: -21.132 $\pm$ 0.008 χ^2 /NDF:237272.1/34

All: -20.945 $\pm$ 0.006 χ^2 /NDF: 373167.8/65

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

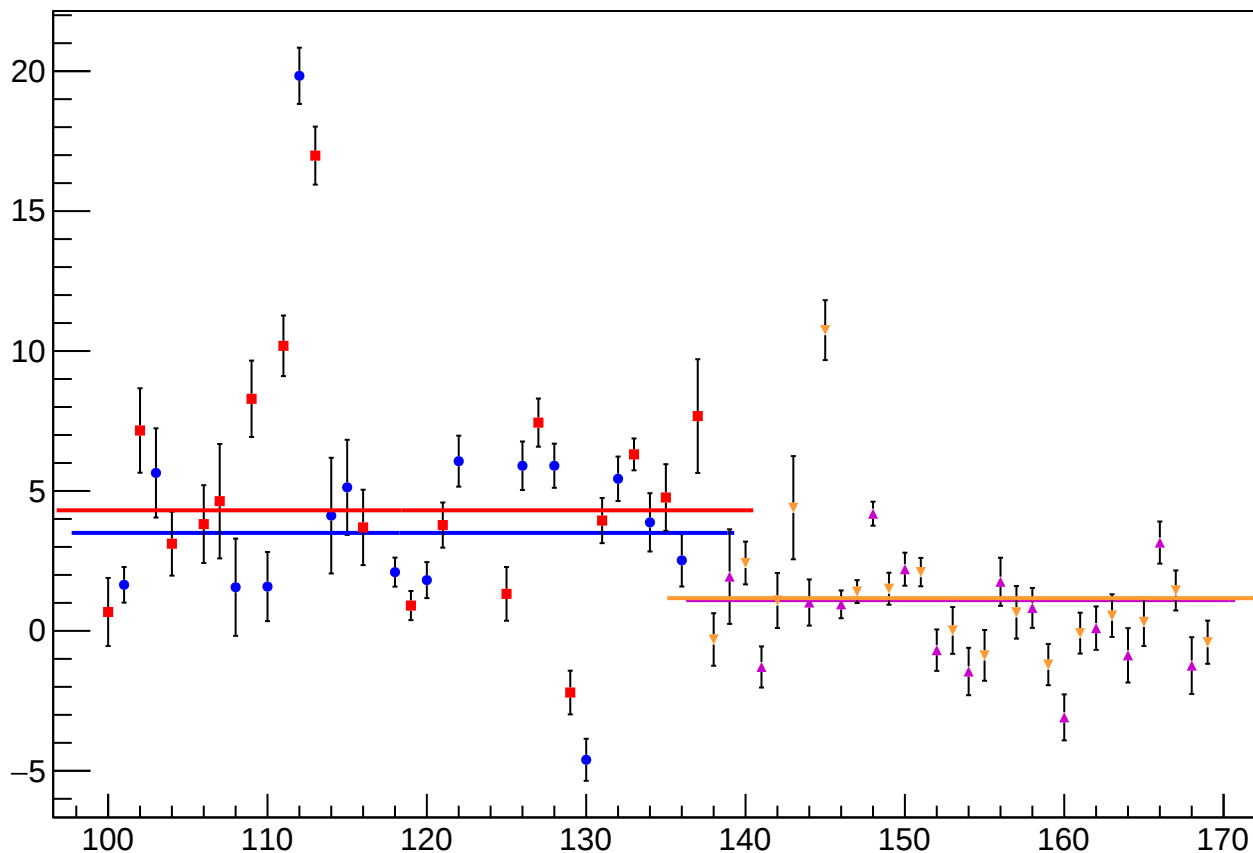
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.170 ± 0.176 χ^2/NDF : 118.9/16

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.100 ± 0.184 χ^2/NDF : 126.5/14

Left: 1.137 ± 0.127 χ^2/NDF : 245.5/31

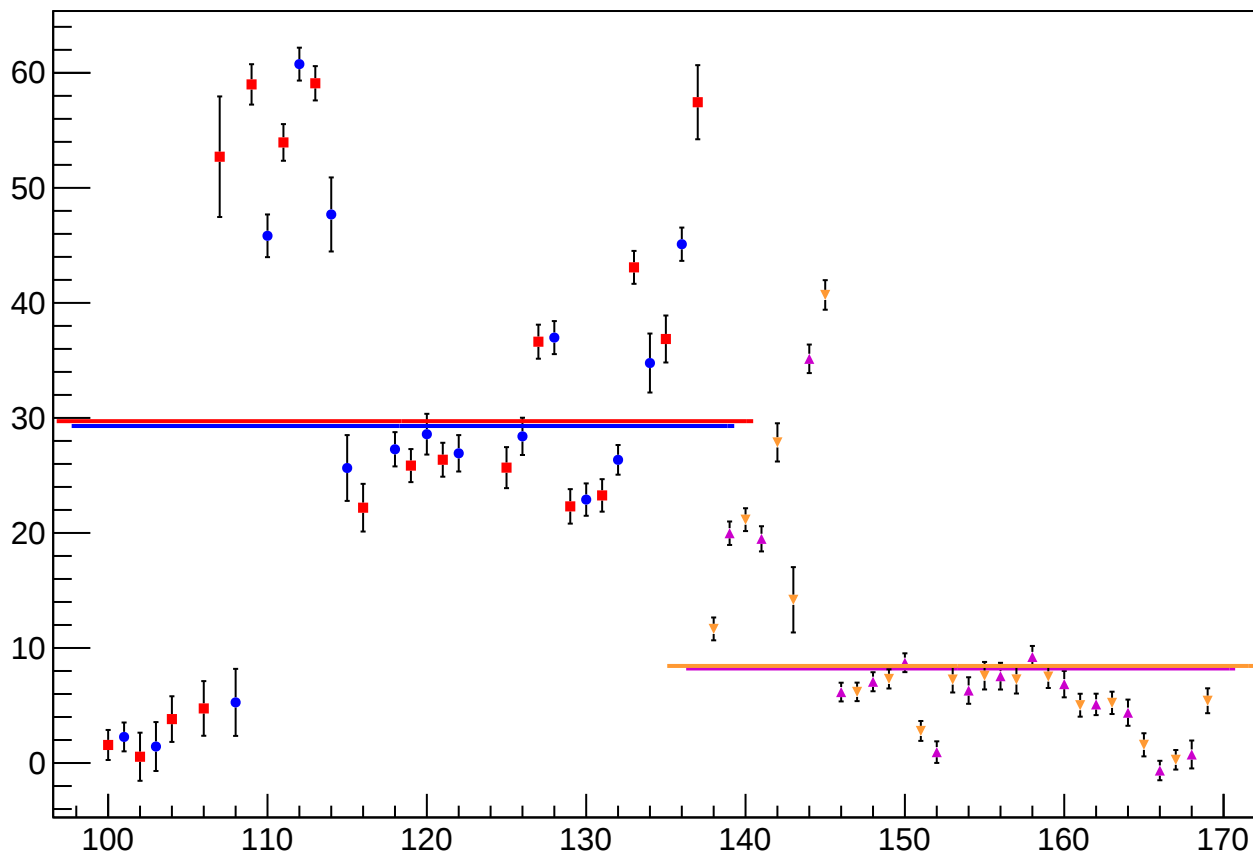
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.102 ± 0.141 χ^2/NDF : 639.4/30

Out: 2.387 ± 0.138 χ^2/NDF : 594.6/34

All: 2.247 ± 0.098 χ^2/NDF : 1236.1/65

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 χ^2/NDF : 1485.2/15

Left Out: 8.438 ± 0.251 χ^2/NDF : 1170.0/16

Right Out: 29.719 ± 0.403 χ^2/NDF : 2128.9/17

Left In: 8.217 ± 0.255 χ^2/NDF : 955.1/14

Left: 8.329 ± 0.179 χ^2/NDF : 2125.5/31

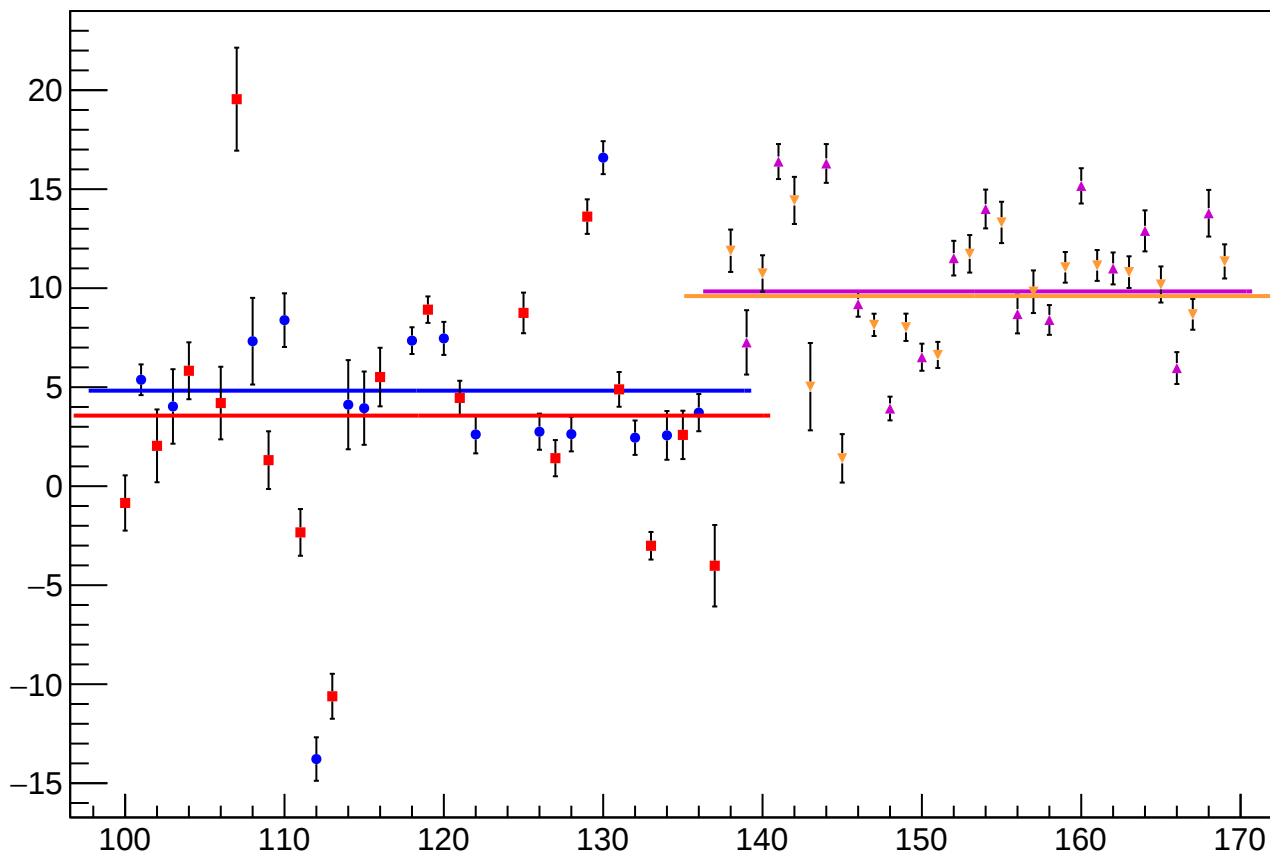
Right: 29.515 ± 0.290 χ^2/NDF : 3614.7/33

In: 13.945 ± 0.218 χ^2/NDF : 4299.2/30

Out: 14.383 ± 0.213 χ^2/NDF : 5312.8/34

All: 14.169 ± 0.152 χ^2/NDF : 9614.1/65

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.601 ± 0.208 $\chi^2/\text{NDF}: 137.4/16$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 9.837 ± 0.217 $\chi^2/\text{NDF}: 330.8/14$

Left: 9.714 ± 0.150 $\chi^2/\text{NDF}: 468.8/31$

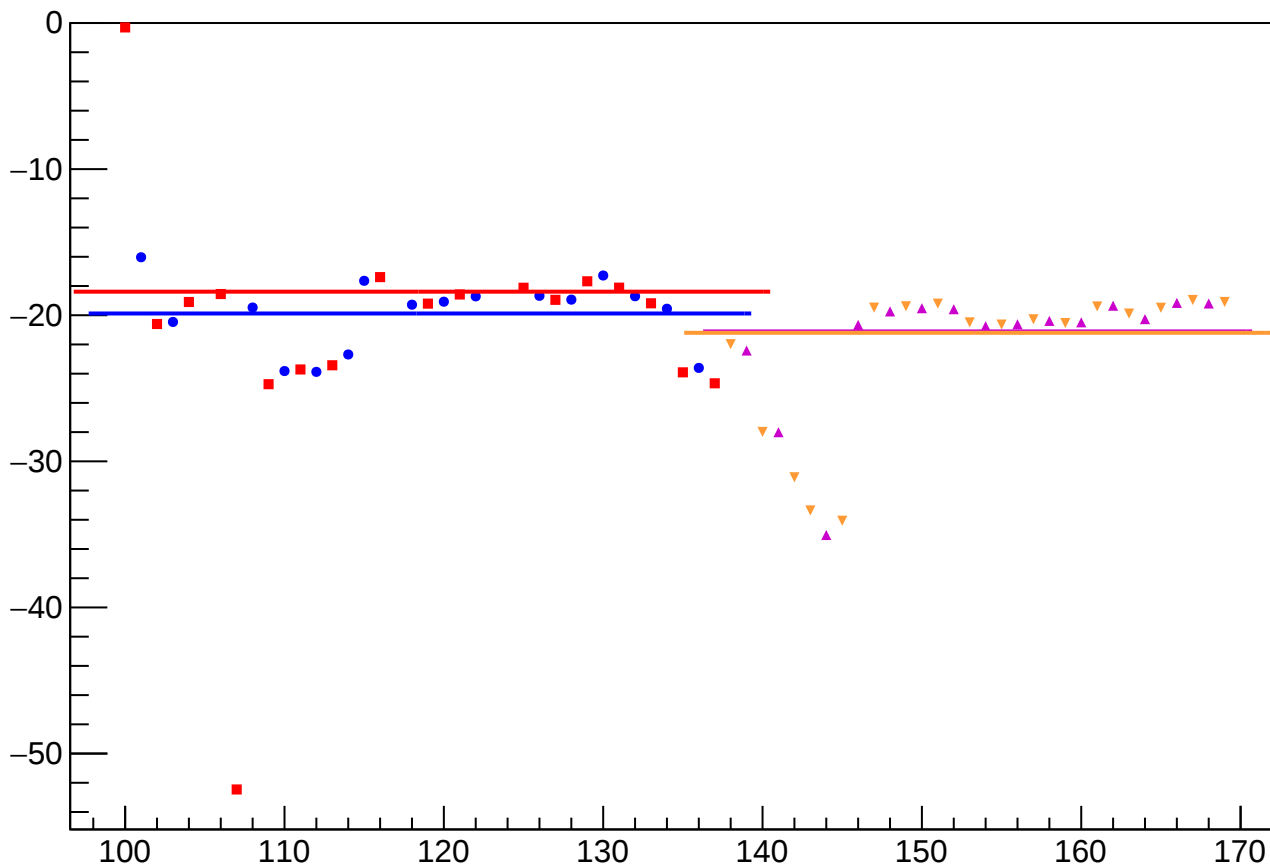
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 7.698 ± 0.164 $\chi^2/\text{NDF}: 1107.8/30$

Out: 7.185 ± 0.161 $\chi^2/\text{NDF}: 1045.3/34$

All: 7.437 ± 0.115 $\chi^2/\text{NDF}: 2158.1/65$

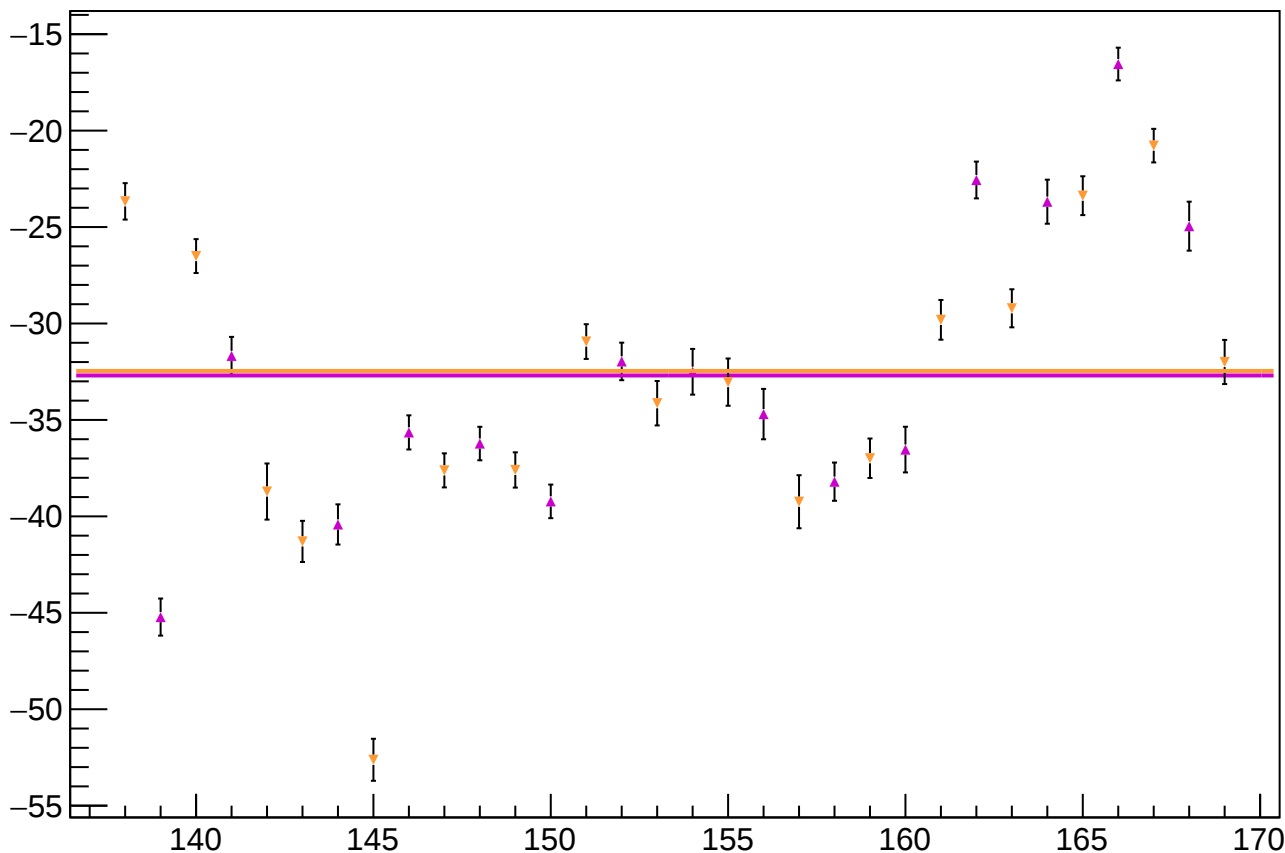
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 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: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.741 ± 0.008 $\chi^2/\text{NDF}: 134887.1/30$
 Out: -20.319 ± 0.008 $\chi^2/\text{NDF}: 469346.4/34$
 All: -20.524 ± 0.006 $\chi^2/\text{NDF}: 605502.0/65$

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

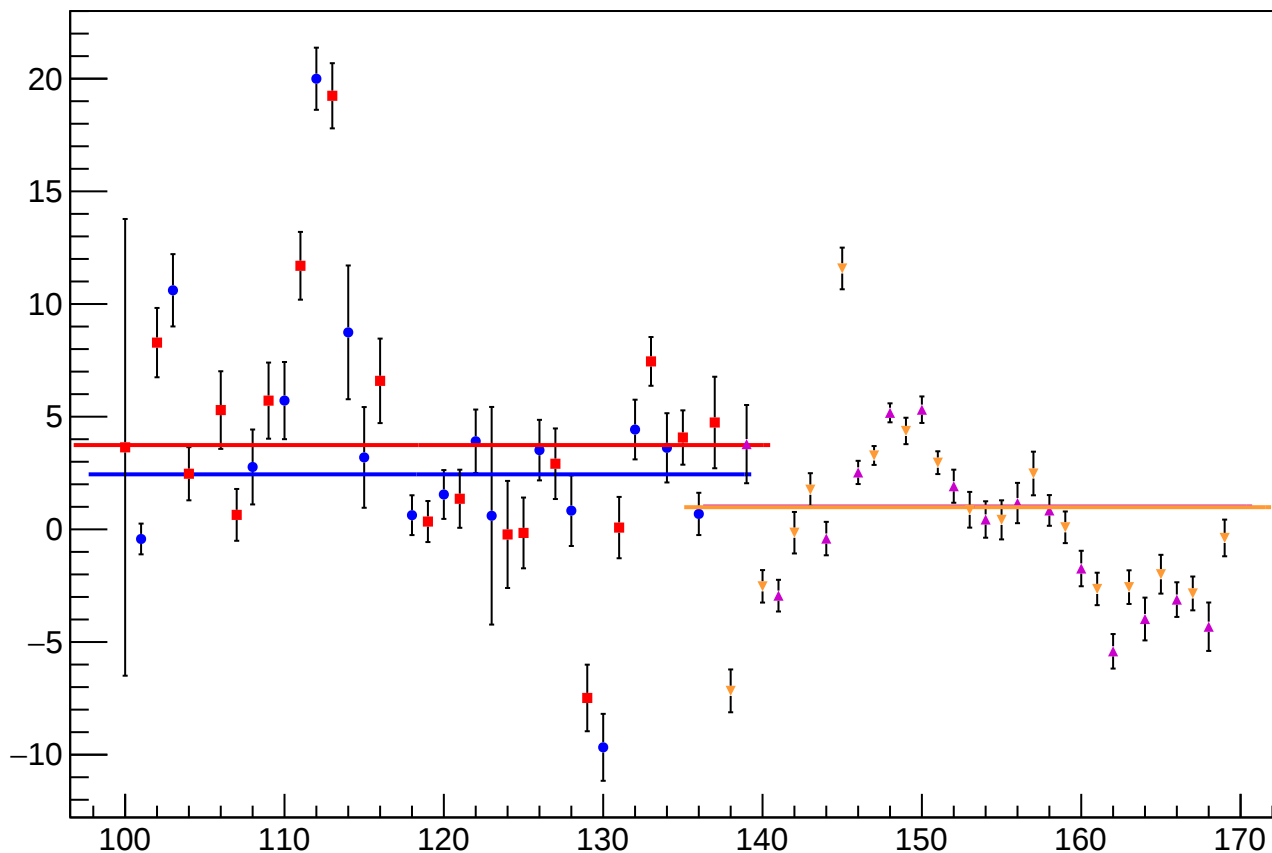
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.311 χ^2/NDF : 294.7/16

Left Out: 0.984 $\pm$ 0.171 χ^2/NDF :403.1/16

Right Out: 3.740 $\pm$ 0.326 χ^2/NDF : 268.1/18

Left In: 1.013 $\pm$ 0.182 χ^2/NDF :363.1/14

Left: 0.998 $\pm$ 0.125 χ^2/NDF : 766.2/31

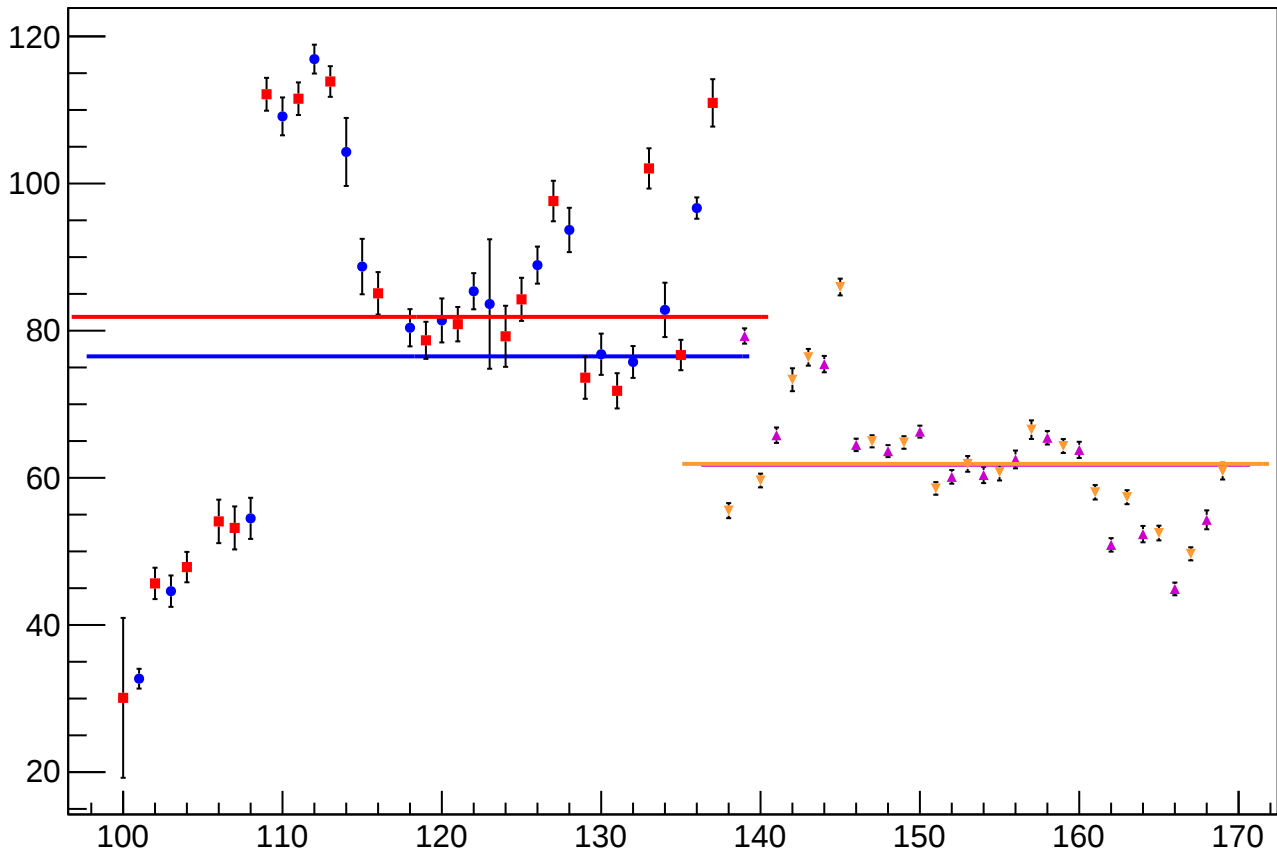
Right: 3.060 $\pm$ 0.225 χ^2/NDF : 571.1/35

In: 1.376 $\pm$ 0.157 χ^2/NDF :673.5/31

Out: 1.578 $\pm$ 0.152 χ^2/NDF :727.2/35

All: 1.481 $\pm$ 0.109 χ^2/NDF : 1401.5/67

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 61.899+/-0.244 χ^2/NDF :1084.0/16

Right Out: 81.875+/-0.592 χ^2/NDF : 1570.7/18

Left In: 61.776+/-0.253 χ^2/NDF :1146.2/14

Left: 61.840+/-0.176 χ^2/NDF : 2230.3/31

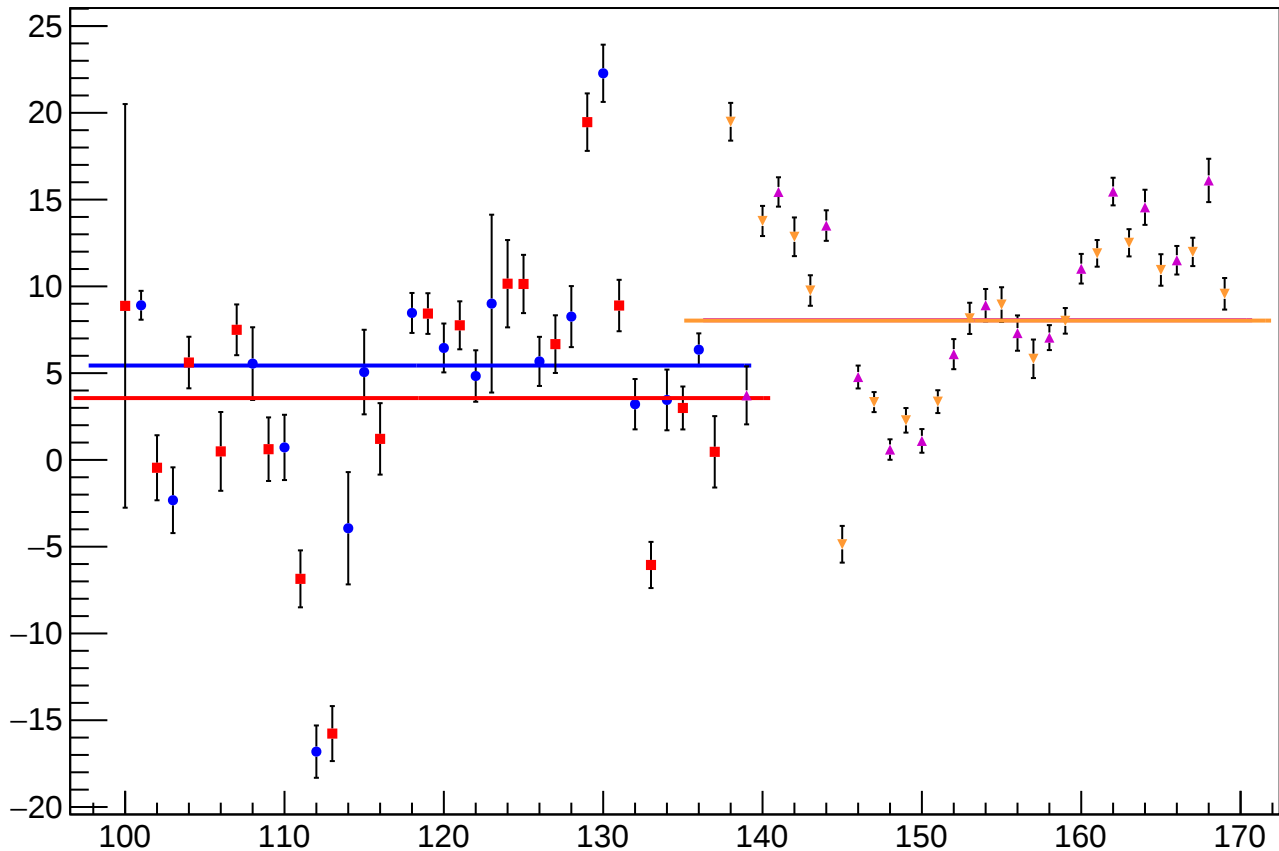
Right: 79.111+/-0.412 χ^2/NDF : 3864.0/35

In: 64.166+/-0.231 χ^2/NDF :3948.7/31

Out: 64.803+/-0.226 χ^2/NDF :3628.8/35

All: 64.492+/-0.161 χ^2/NDF : 7581.4/67

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 8.028 $\pm$ 0.202 χ^2 /NDF:607.5/16

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 8.050 $\pm$ 0.214 χ^2 /NDF:617.7/14

Left: 8.038 $\pm$ 0.147 χ^2 /NDF: 1225.2/31

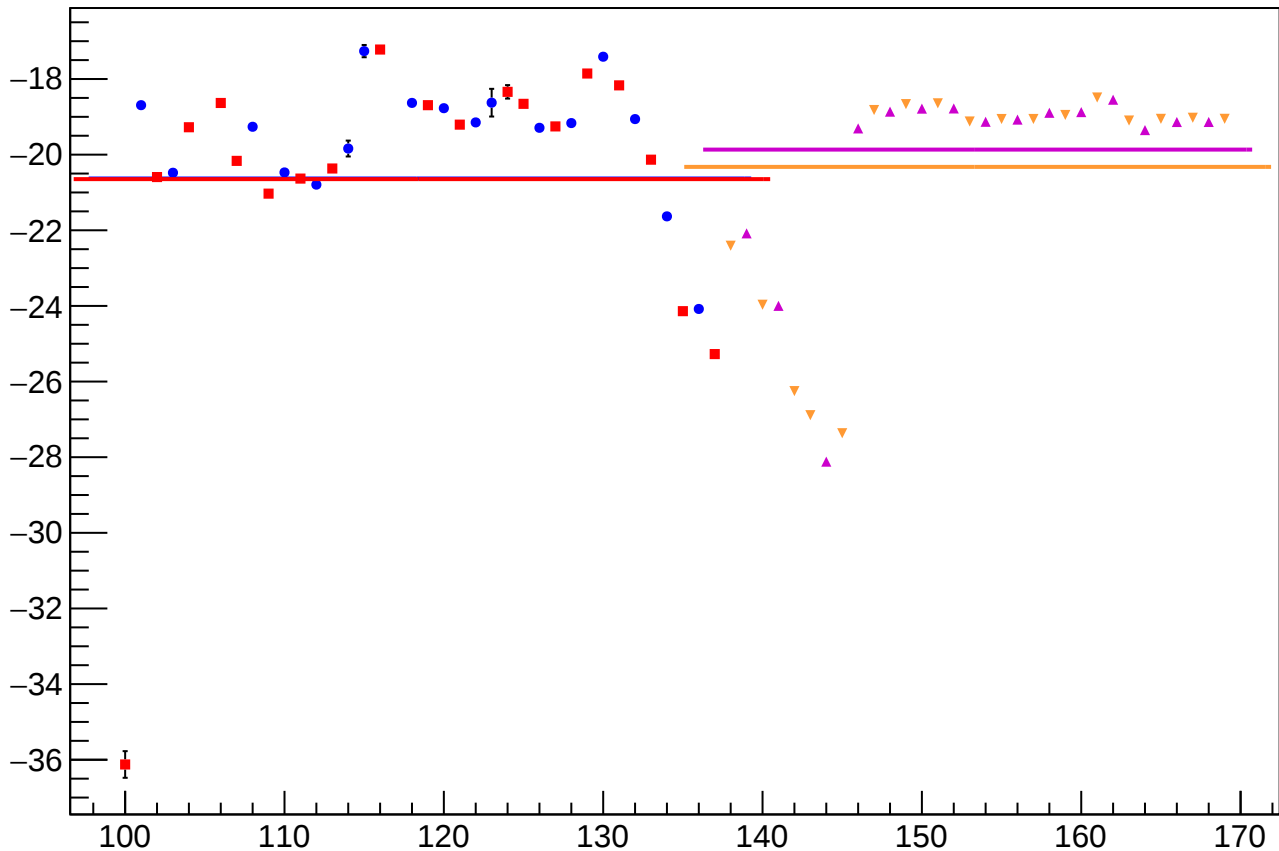
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 7.361 $\pm$ 0.184 χ^2 /NDF:1043.1/31

Out: 7.026 $\pm$ 0.178 χ^2 /NDF:1138.3/35

All: 7.188 $\pm$ 0.128 χ^2 /NDF: 2183.1/67

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -20.324 $\pm$ 0.010 χ^2 /NDF: 81438.8/16

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -19.866 $\pm$ 0.010 χ^2 /NDF: 48892.2/14

Left: -20.103 $\pm$ 0.007 χ^2 /NDF: 131401.9/31

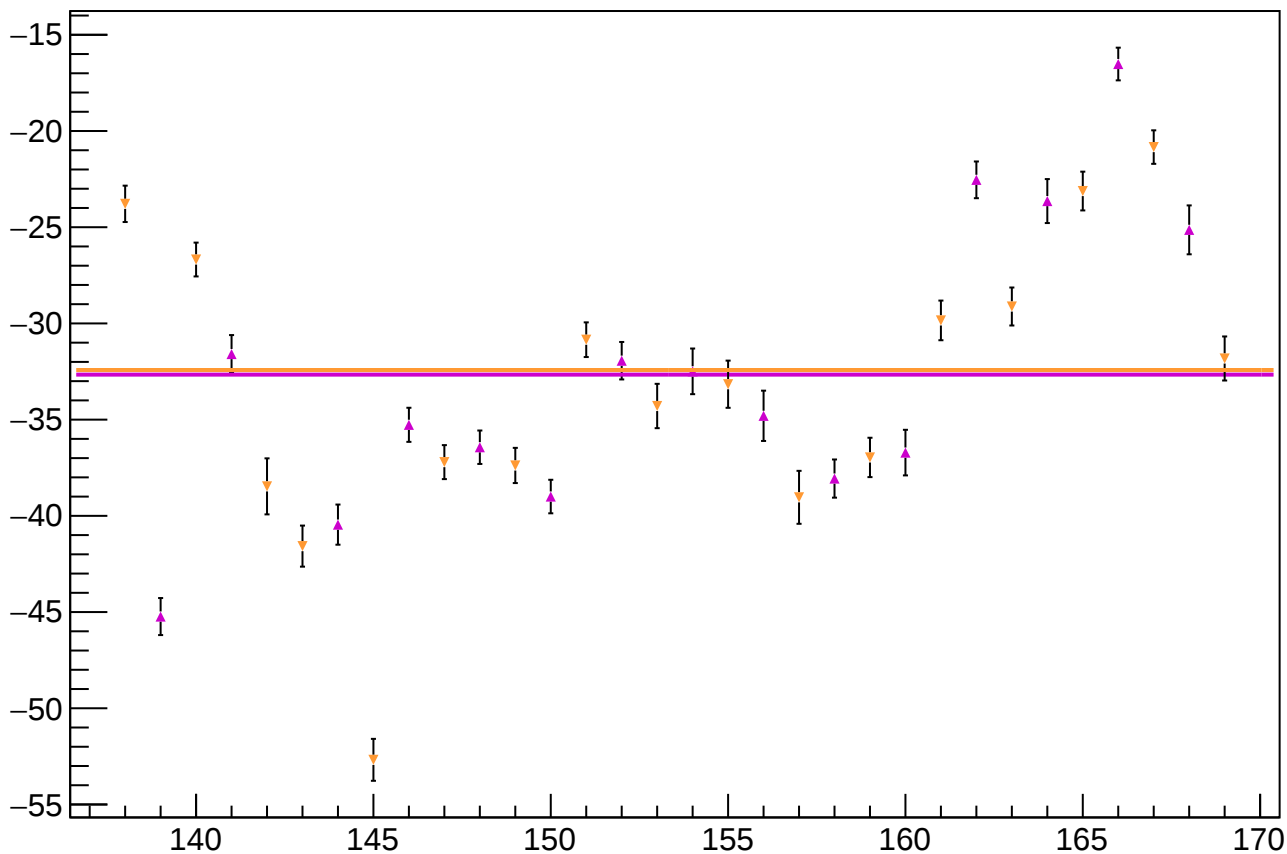
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.030 $\pm$ 0.009 χ^2 /NDF: 62630.3/31

Out: -20.388 $\pm$ 0.009 χ^2 /NDF: 95569.9/35

All: -20.214 $\pm$ 0.006 χ^2 /NDF: 159029.9/67

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

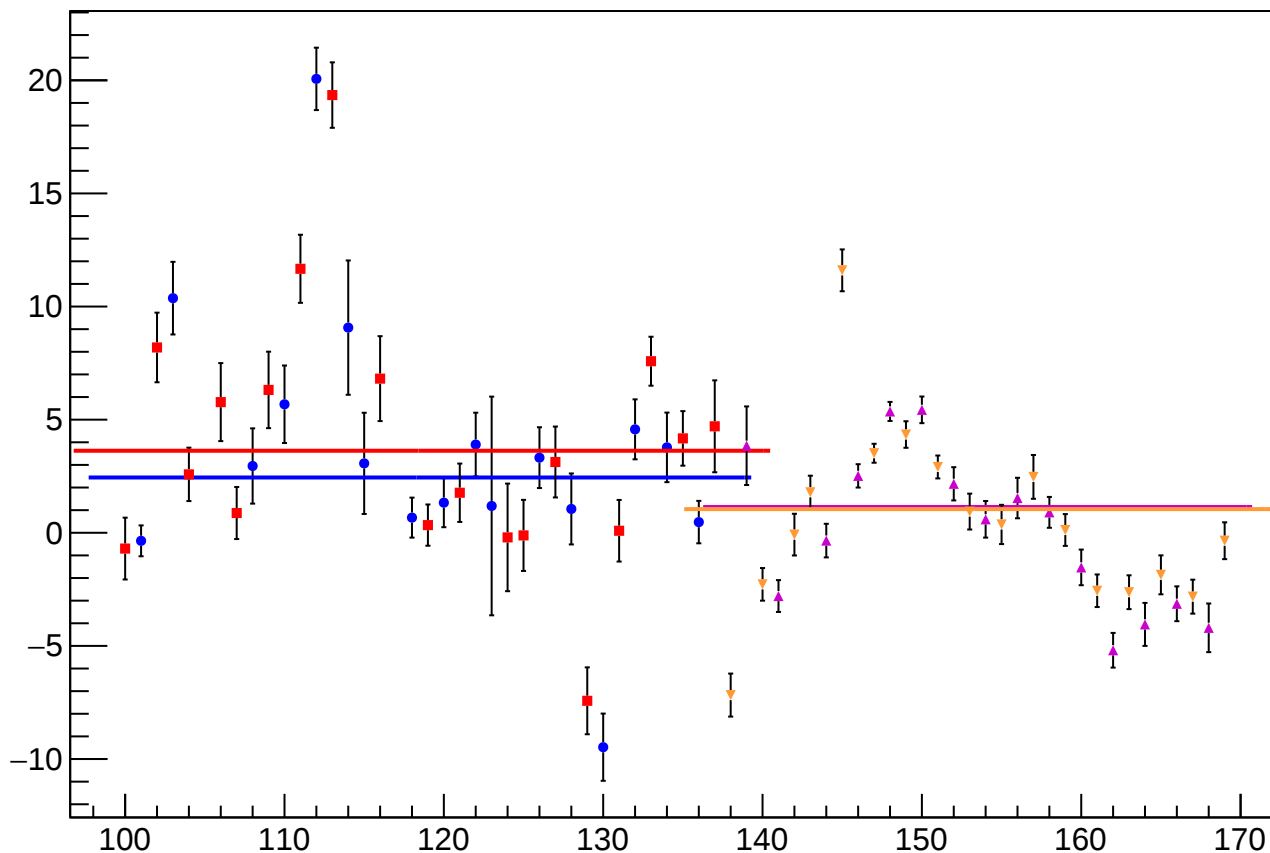
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 1.140 ± 0.182 χ^2/NDF : 366.3/14

Left: 1.090 ± 0.125 χ^2/NDF : 769.8/31

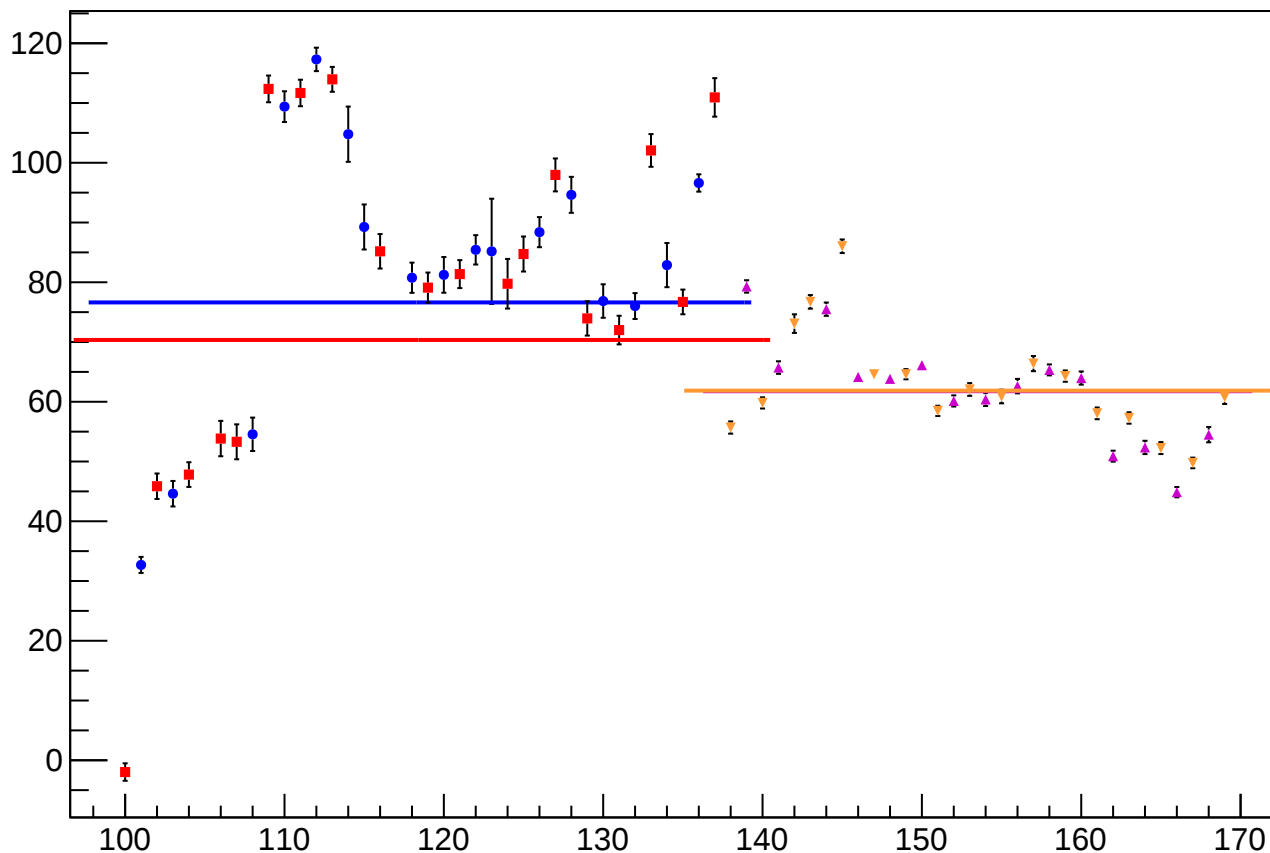
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.472 ± 0.157 χ^2/NDF : 672.1/31

Out: 1.626 ± 0.151 χ^2/NDF : 733.3/35

All: 1.552 ± 0.109 χ^2/NDF : 1405.9/67

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: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

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

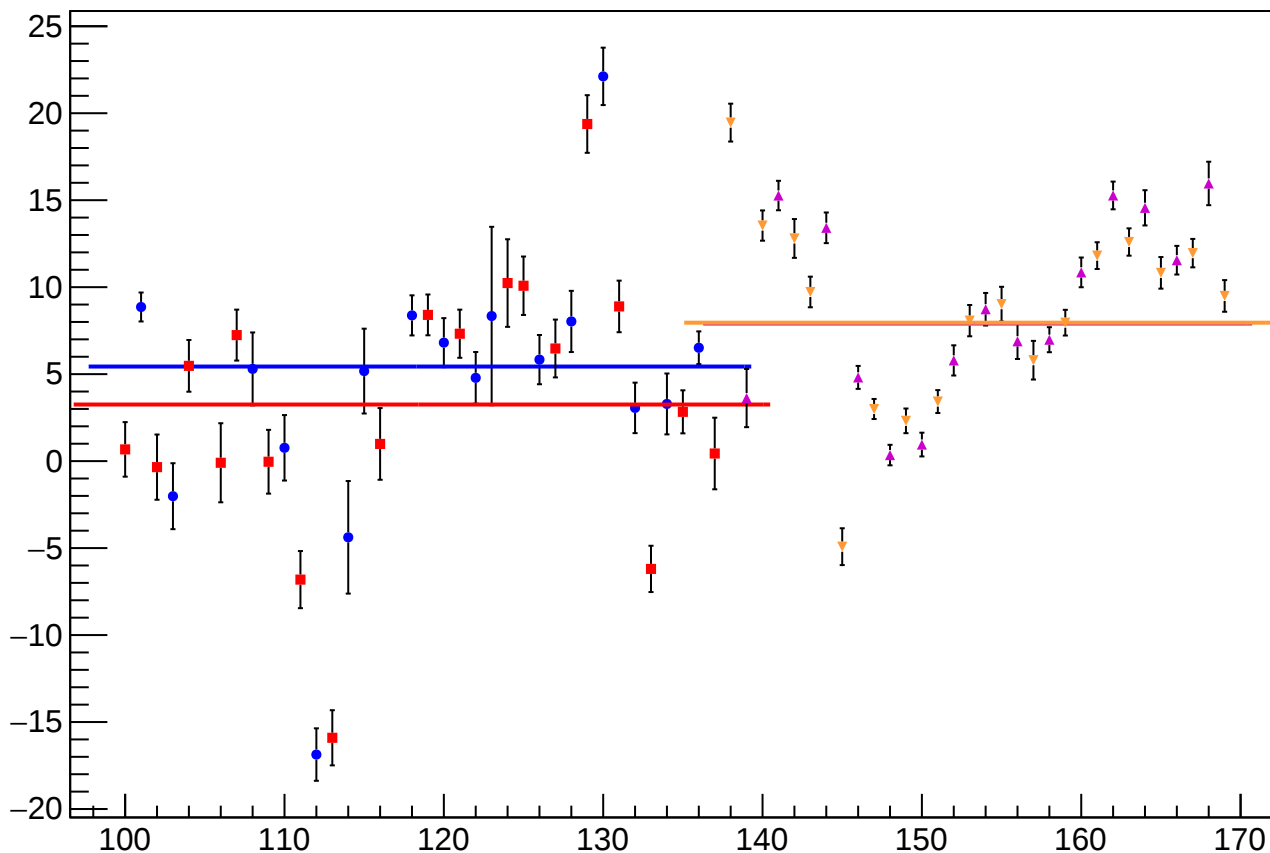
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 64.176 $\pm$ 0.231 χ^2 /NDF:3964.6/31

Out: 63.264 $\pm$ 0.223 χ^2 /NDF:5673.5/35

All: 63.704 $\pm$ 0.161 χ^2 /NDF: 9646.1/67

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 7.959 ± 0.202 $\chi^2/\text{NDF}: 610.0/16$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 7.910 ± 0.214 $\chi^2/\text{NDF}: 622.5/14$

Left: 7.936 ± 0.147 $\chi^2/\text{NDF}: 1232.5/31$

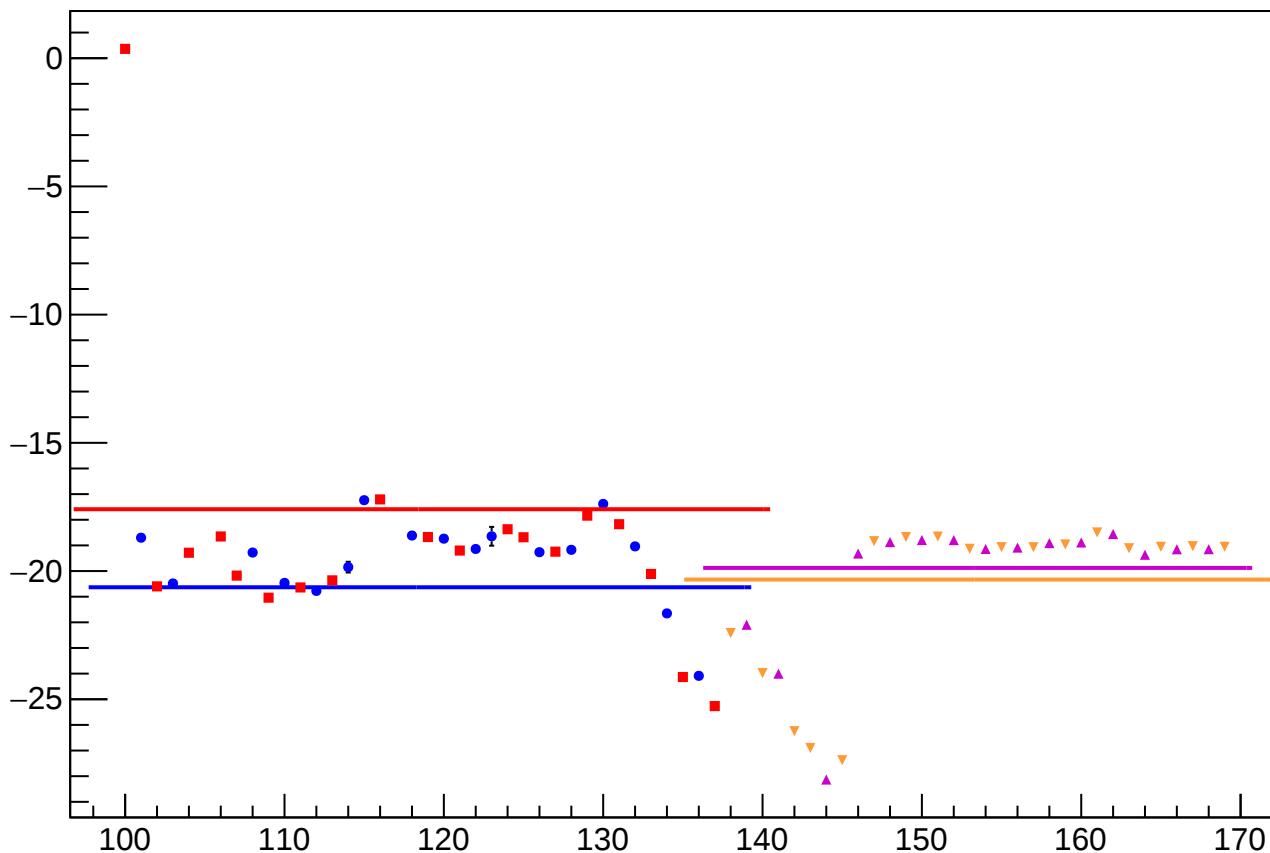
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.257 ± 0.184 $\chi^2/\text{NDF}: 1042.1/31$

Out: 6.858 ± 0.177 $\chi^2/\text{NDF}: 1160.9/35$

All: 7.049 ± 0.127 $\chi^2/\text{NDF}: 2205.5/67$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2/NDF : 12543.2/16

Left Out: -20.333 $\pm$ 0.010 χ^2/NDF : 81323.7/16

Right Out: -17.589 $\pm$ 0.018 χ^2/NDF : 178672.3/18

Left In: -19.878 $\pm$ 0.010 χ^2/NDF : 48818.8/14

Left: -20.113 $\pm$ 0.007 χ^2/NDF : 131201.0/31

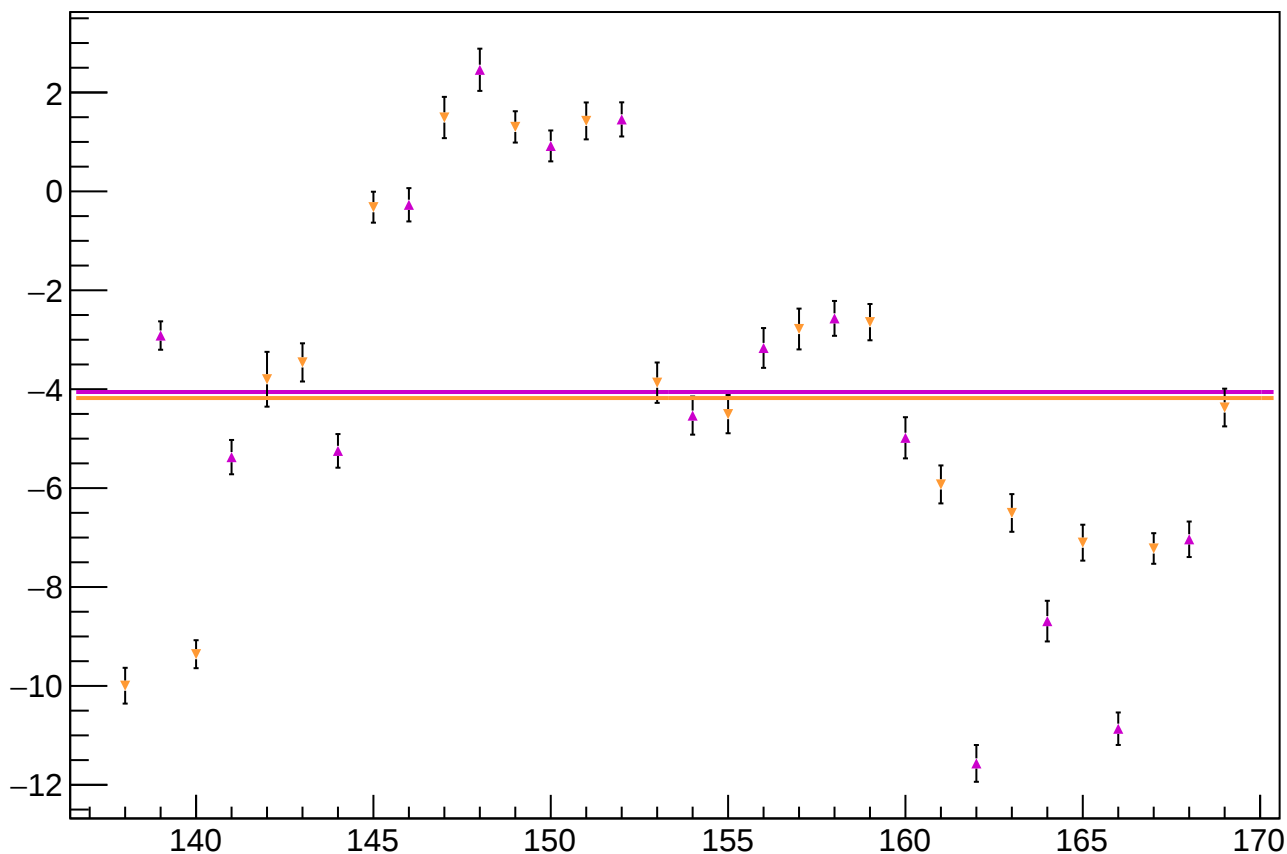
Right: -19.006 $\pm$ 0.013 χ^2/NDF : 204500.0/35

In: -20.039 $\pm$ 0.009 χ^2/NDF : 62563.6/31

Out: -19.715 $\pm$ 0.009 χ^2/NDF : 277972.3/35

All: -19.870 $\pm$ 0.006 χ^2/NDF : 341222.4/67

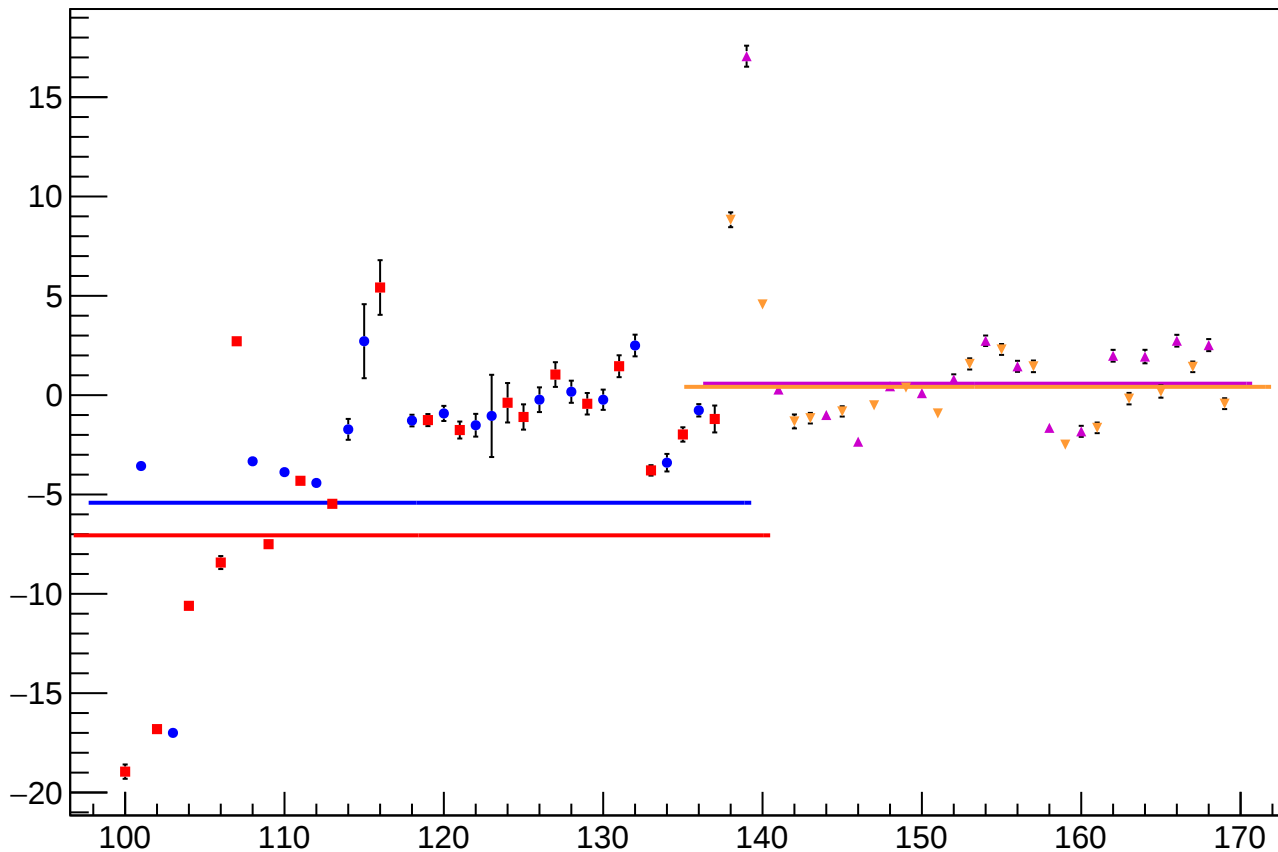
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.179+/-0.088 χ^2/NDF :1709.4/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.057+/-0.092 χ^2/NDF :1972.9/14

Left: -4.120+/-0.064 χ^2/NDF : 3683.2/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.057+/-0.092 χ^2/NDF :1972.9/14
 Out: -4.179+/-0.088 χ^2/NDF :1709.4/16
 All: -4.120+/-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: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.577 ± 0.068 χ^2/NDF : 1575.2/14

Left: 0.493 ± 0.046 χ^2/NDF : 2831.3/31

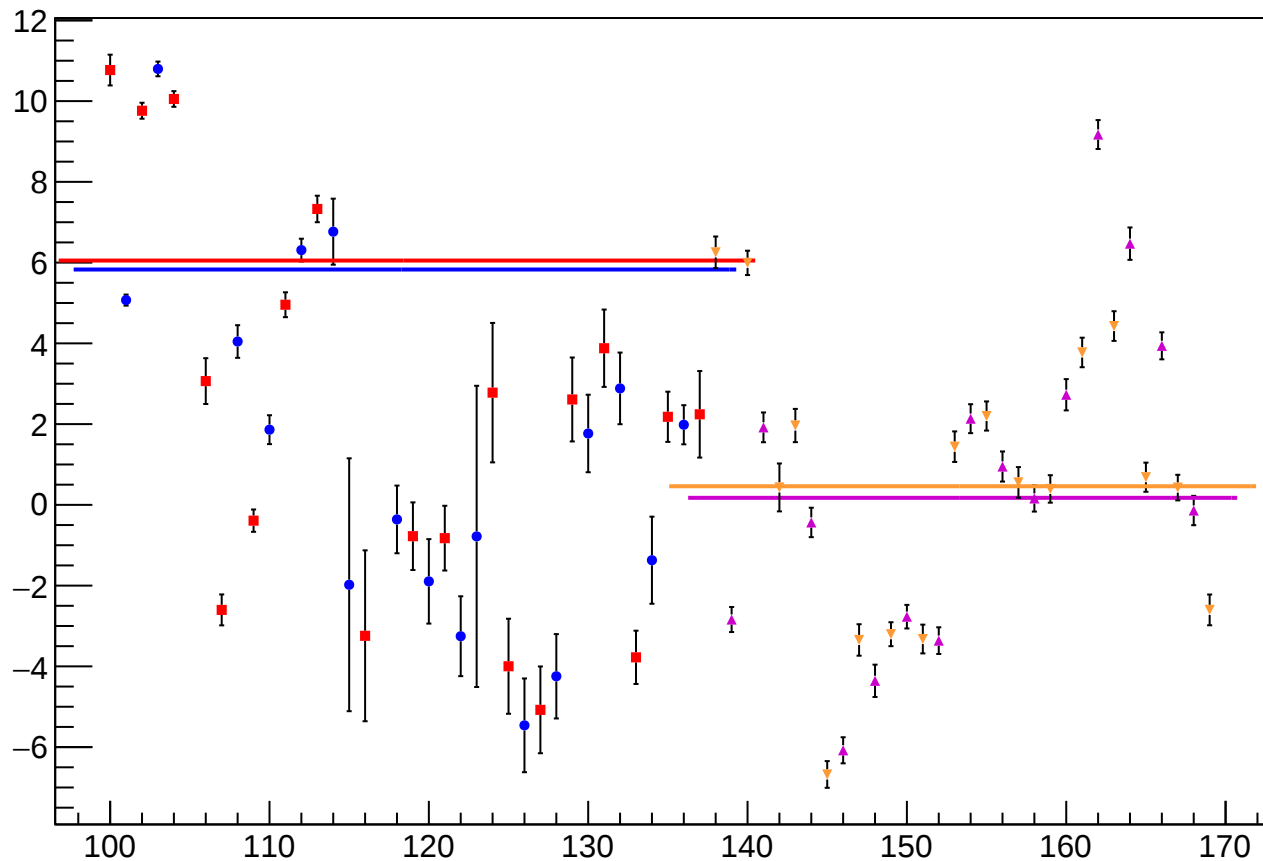
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -3.051 ± 0.043 χ^2/NDF : 15555.6/31

Out: -3.591 ± 0.043 χ^2/NDF : 21023.1/35

All: -3.317 ± 0.030 χ^2/NDF : 36658.1/67

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: 6.051 ± 0.093 χ^2/NDF : 2674.1/18

Left In: 0.174 ± 0.090 χ^2/NDF : 1922.3/14

Left: 0.322 ± 0.063 χ^2/NDF : 3616.9/31

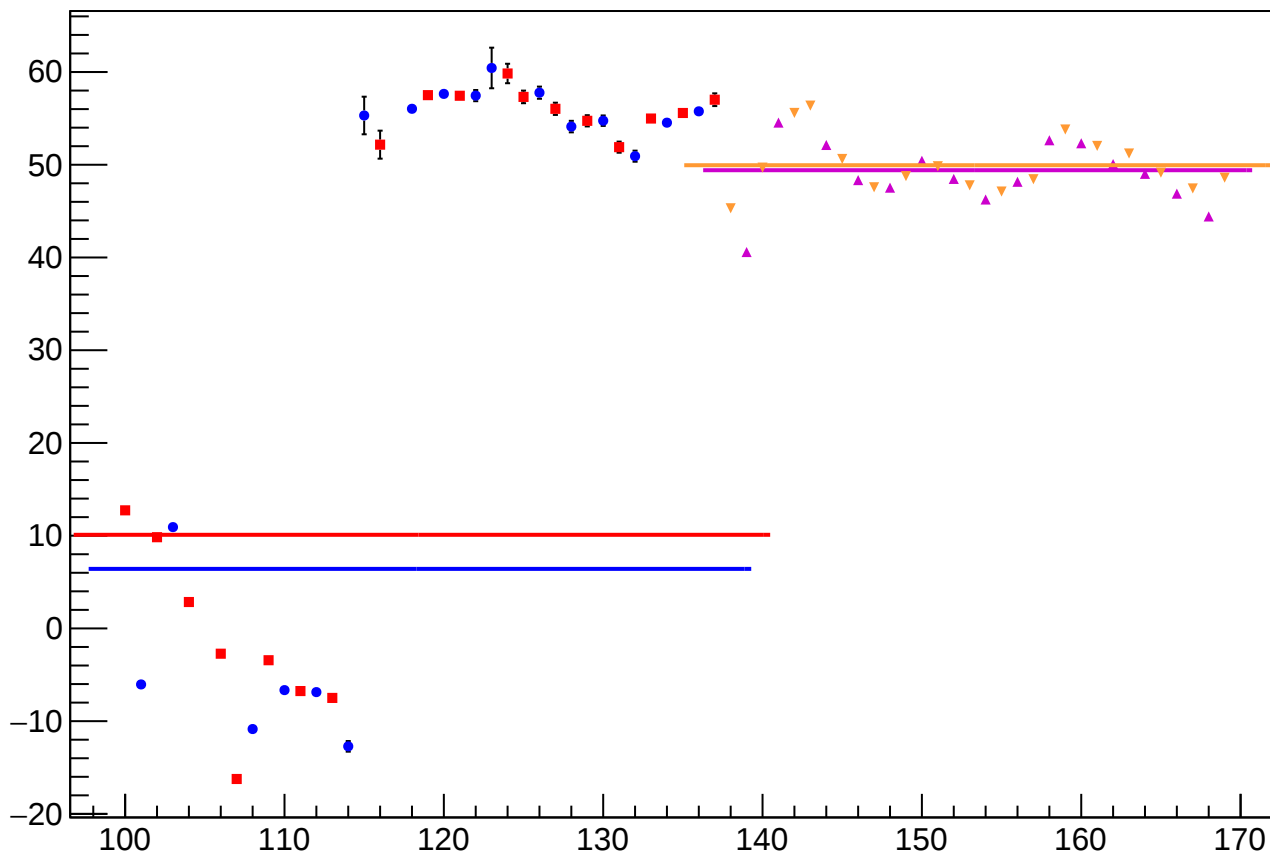
Right: 5.936 ± 0.065 χ^2/NDF : 4125.3/35

In: 3.012 ± 0.063 χ^2/NDF : 5354.0/31

Out: 3.074 ± 0.064 χ^2/NDF : 6275.6/35

All: 3.043 ± 0.045 χ^2/NDF : 11630.1/67

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: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.410 ± 0.078 χ^2/NDF : 1412.9/14

Left: 49.696 ± 0.054 χ^2/NDF : 2770.2/31

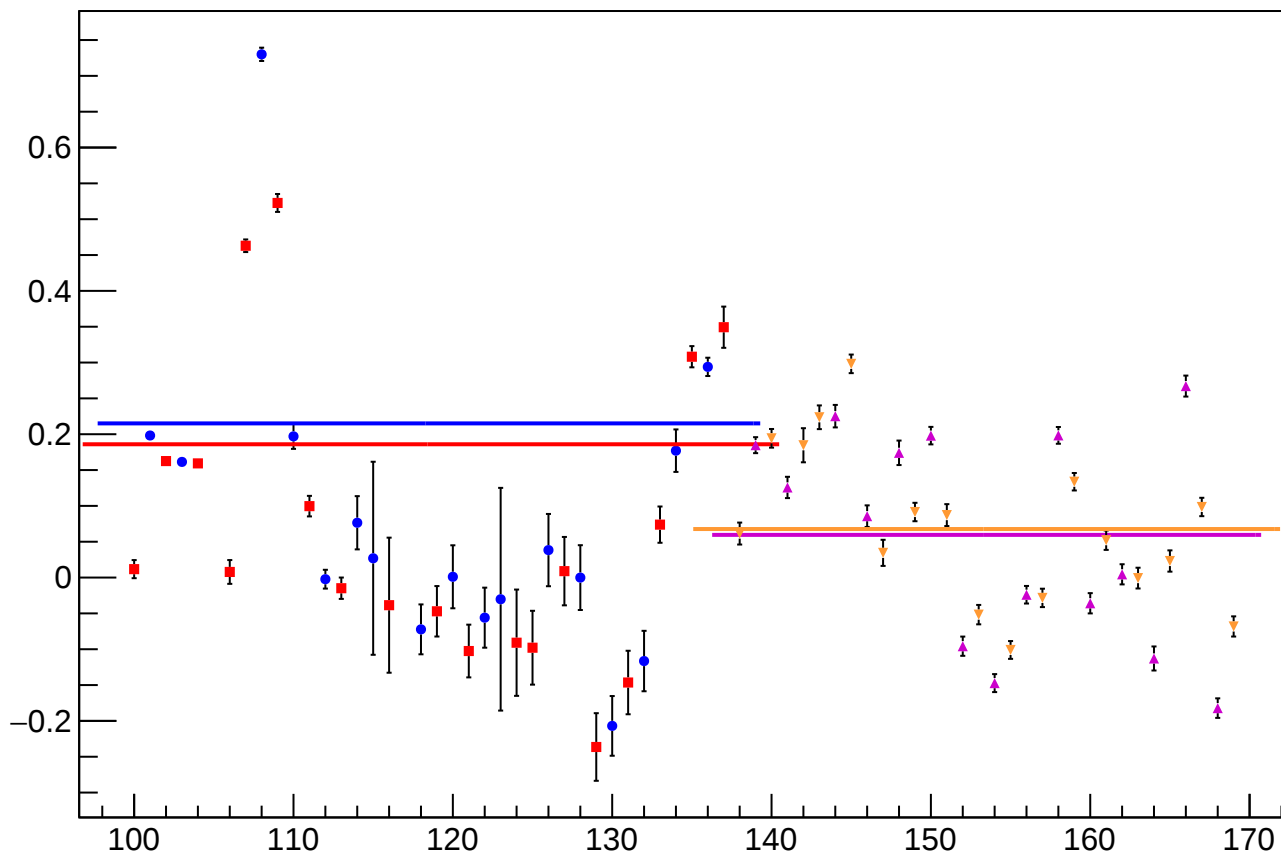
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 23.890 ± 0.050 χ^2/NDF : 303749.6/31

Out: 28.941 ± 0.051 χ^2/NDF : 278002.2/35

All: 26.379 ± 0.036 χ^2/NDF : 586804.6/67

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.068 ± 0.003 $\chi^2/\text{NDF}: 1011.6/16$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2719.3/18$

Left In: 0.060 ± 0.004 $\chi^2/\text{NDF}: 1708.4/14$

Left: 0.064 ± 0.002 $\chi^2/\text{NDF}: 2722.7/31$

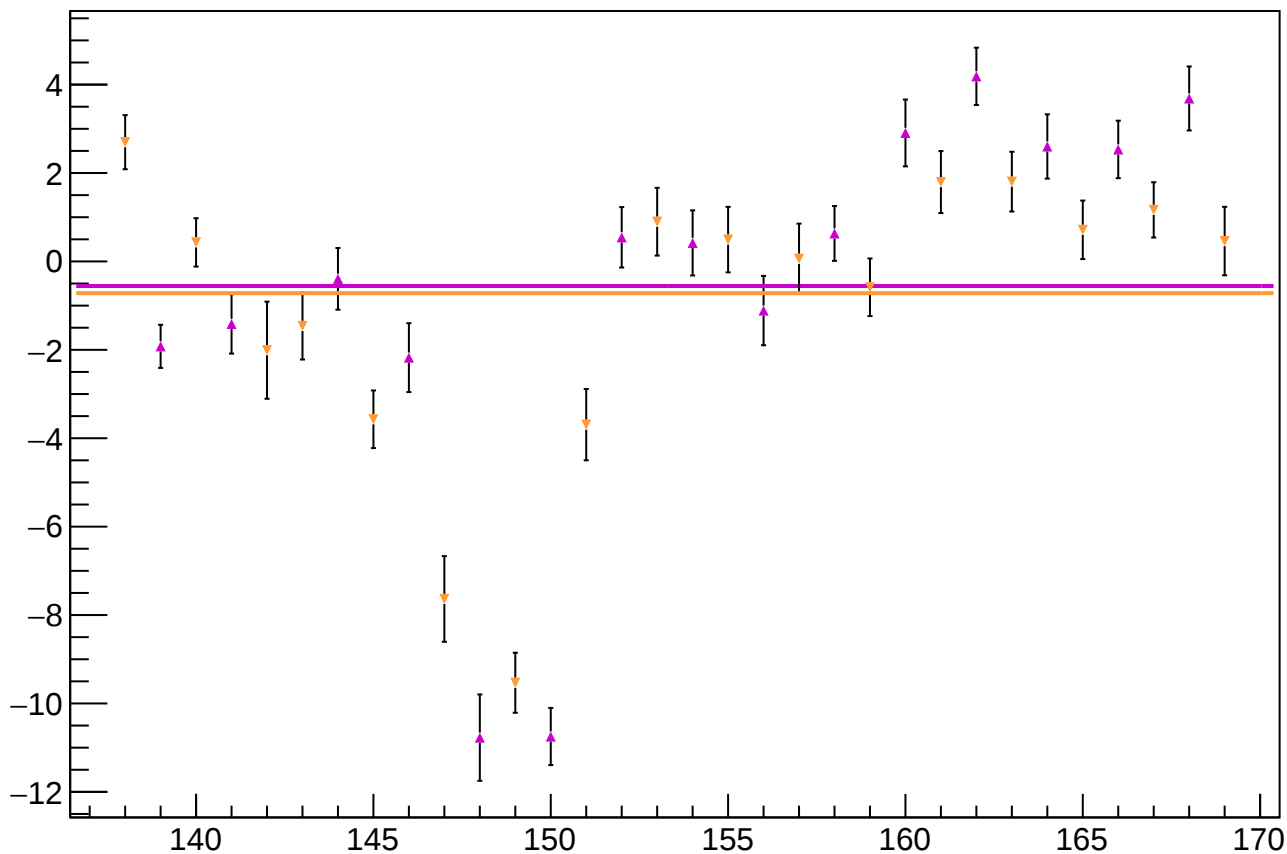
Right: 0.200 ± 0.002 $\chi^2/\text{NDF}: 6703.5/35$

In: 0.156 ± 0.002 $\chi^2/\text{NDF}: 6842.0/31$

Out: 0.141 ± 0.002 $\chi^2/\text{NDF}: 4470.5/35$

All: 0.148 ± 0.002 $\chi^2/\text{NDF}: 11336.3/67$

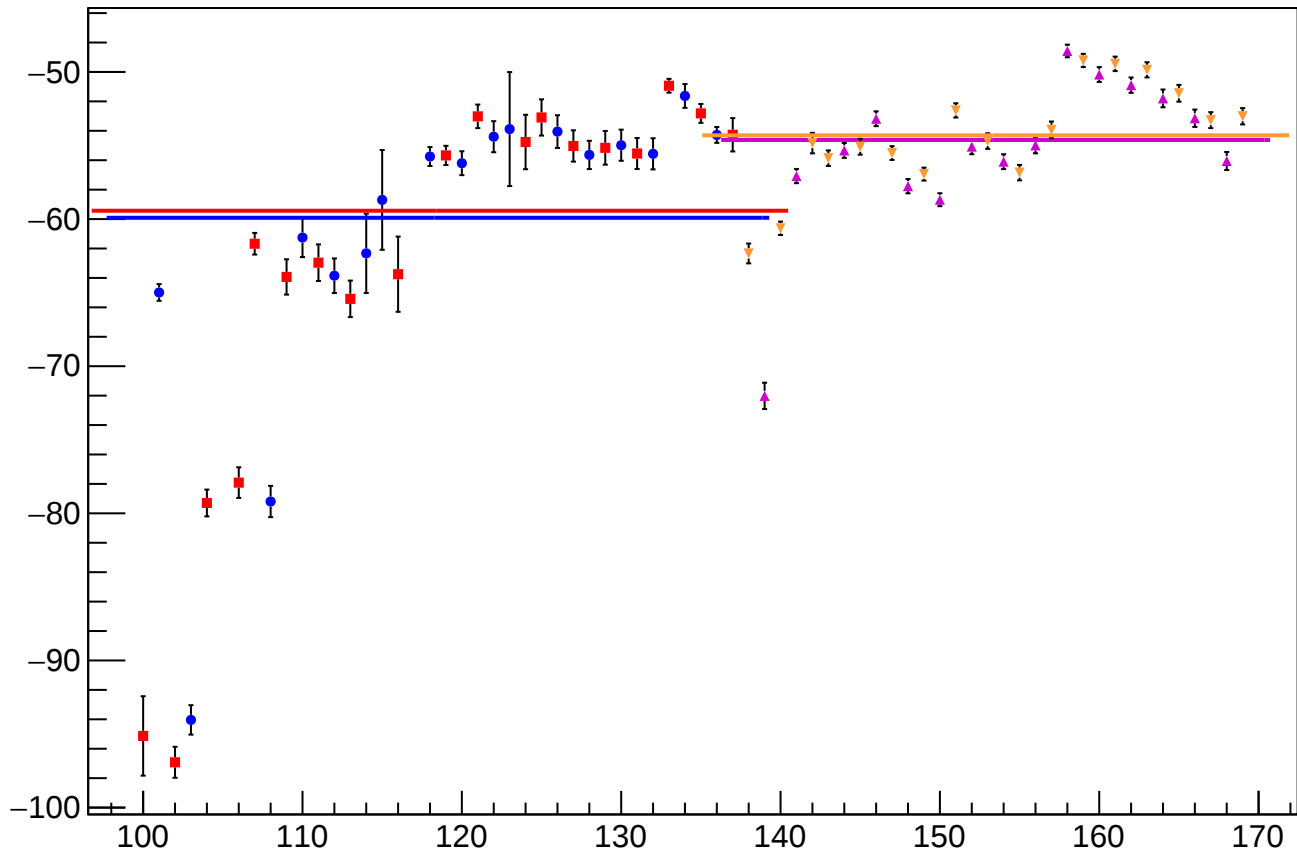
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.625 ± 0.135 χ^2/NDF : 911.4/14

Left: -54.456 ± 0.092 χ^2/NDF : 1672.1/31

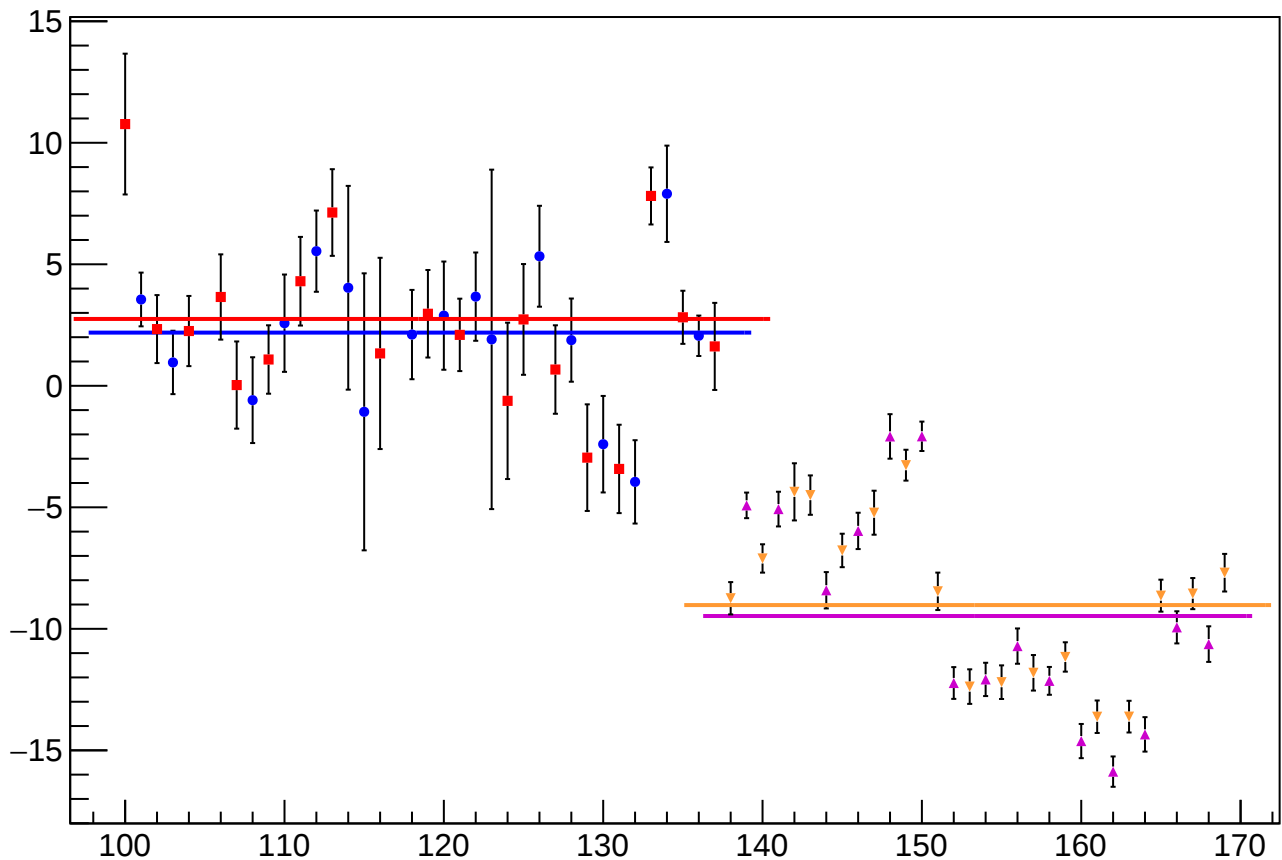
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.034 ± 0.115 χ^2/NDF : 3303.5/31

Out: -55.650 ± 0.108 χ^2/NDF : 4109.3/35

All: -55.830 ± 0.079 χ^2/NDF : 7418.7/67

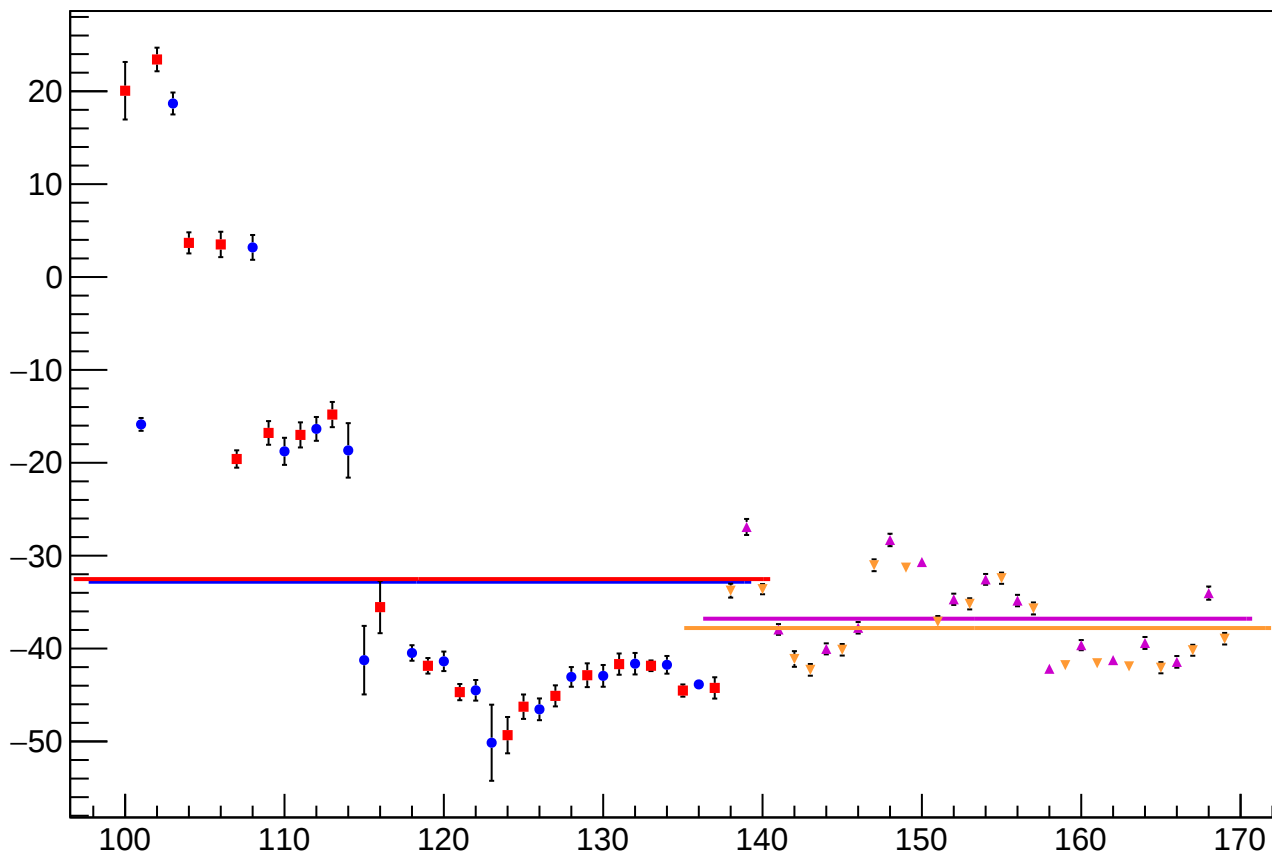
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 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: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -7.661 ± 0.159 $\chi^2/\text{NDF}: 1358.0/31$
 Out: -7.123 ± 0.156 $\chi^2/\text{NDF}: 1173.2/35$
 All: -7.385 ± 0.111 $\chi^2/\text{NDF}: 2537.0/67$

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: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.787 ± 0.153 $\chi^2/\text{NDF}: 868.7/14$

Left: -37.318 ± 0.105 $\chi^2/\text{NDF}: 1684.3/31$

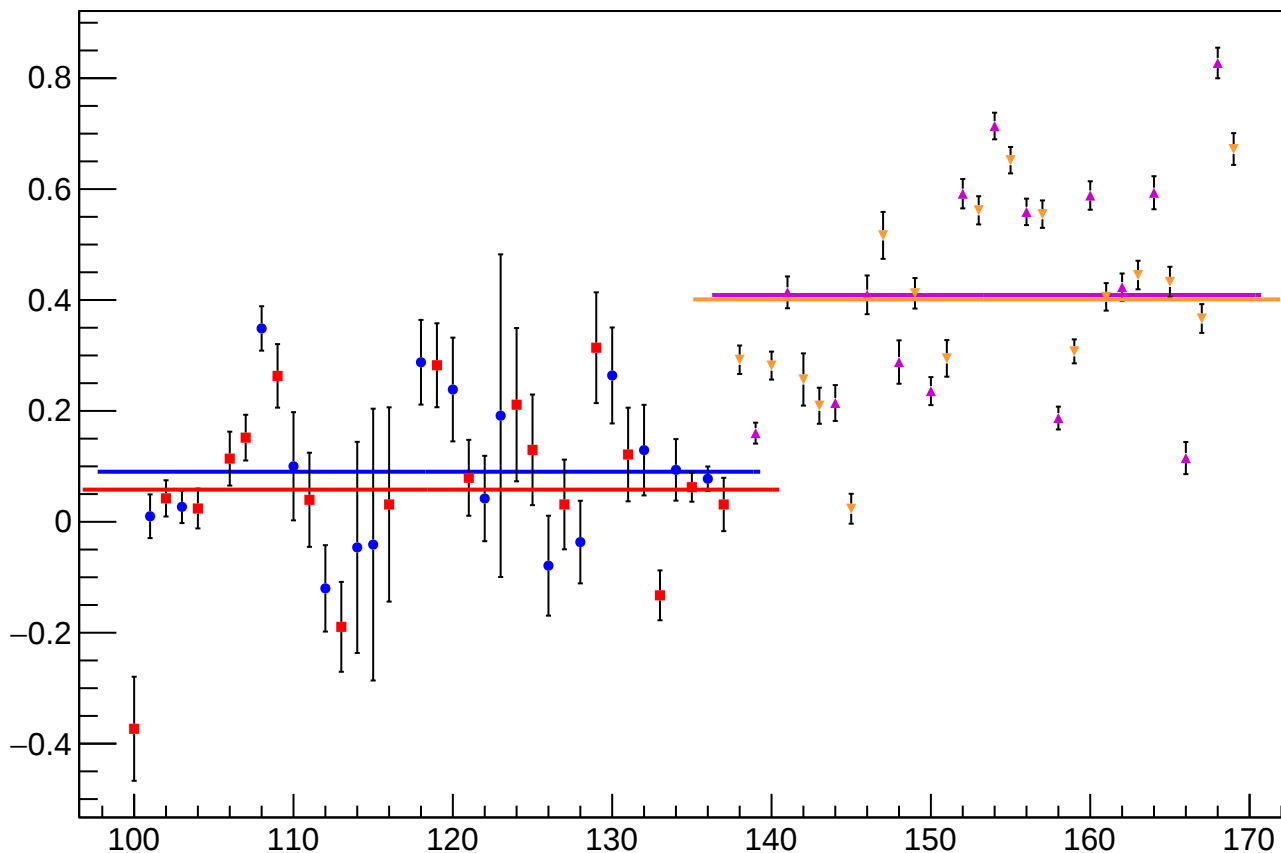
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -35.729 ± 0.131 $\chi^2/\text{NDF}: 5711.4/31$

Out: -36.421 ± 0.124 $\chi^2/\text{NDF}: 7179.2/35$

All: -36.094 ± 0.090 $\chi^2/\text{NDF}: 12905.3/67$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.401 ± 0.007 $\chi^2/\text{NDF}: 602.4/16$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.409 ± 0.007 $\chi^2/\text{NDF}: 1051.7/14$

Left: 0.405 ± 0.005 $\chi^2/\text{NDF}: 1654.8/31$

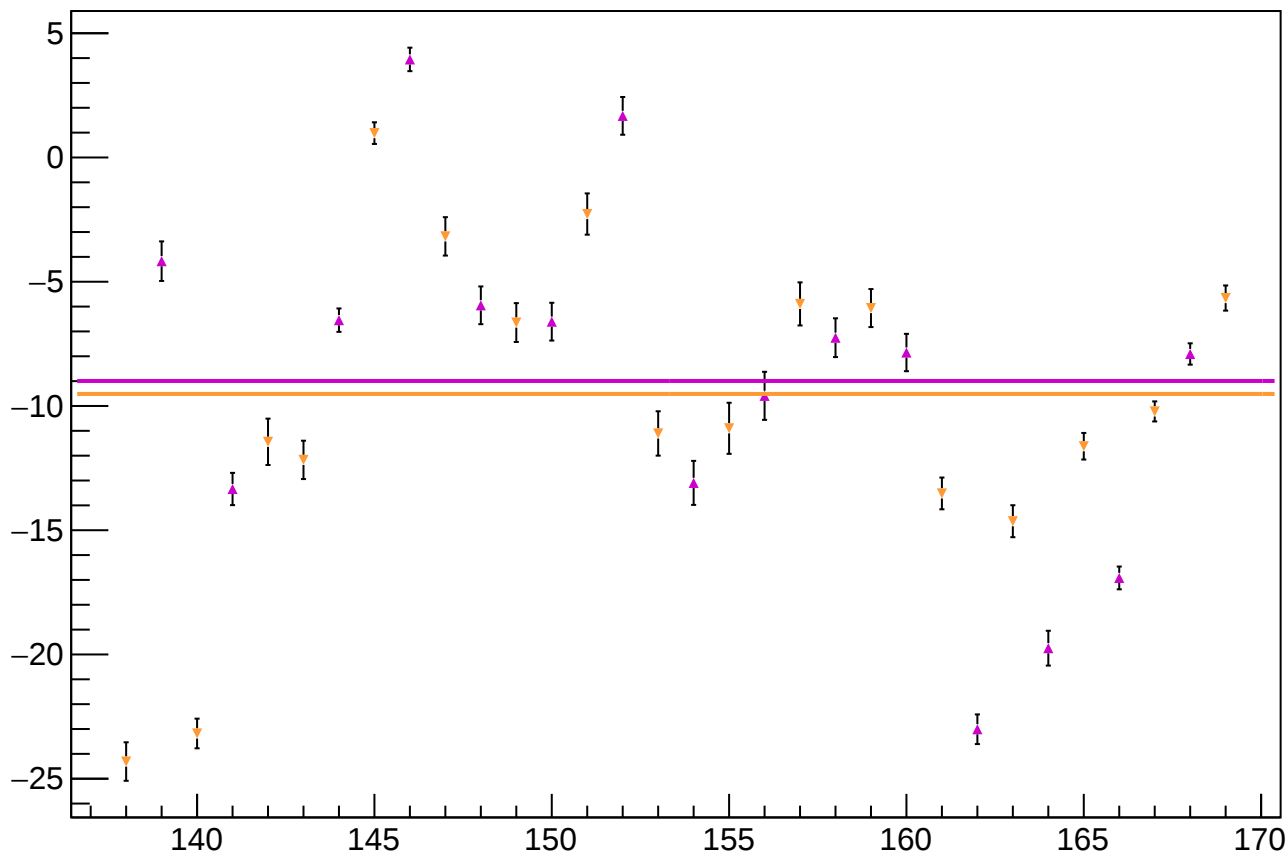
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.339 ± 0.006 $\chi^2/\text{NDF}: 1621.2/31$

Out: 0.323 ± 0.006 $\chi^2/\text{NDF}: 1305.7/35$

All: 0.331 ± 0.004 $\chi^2/\text{NDF}: 2930.9/67$

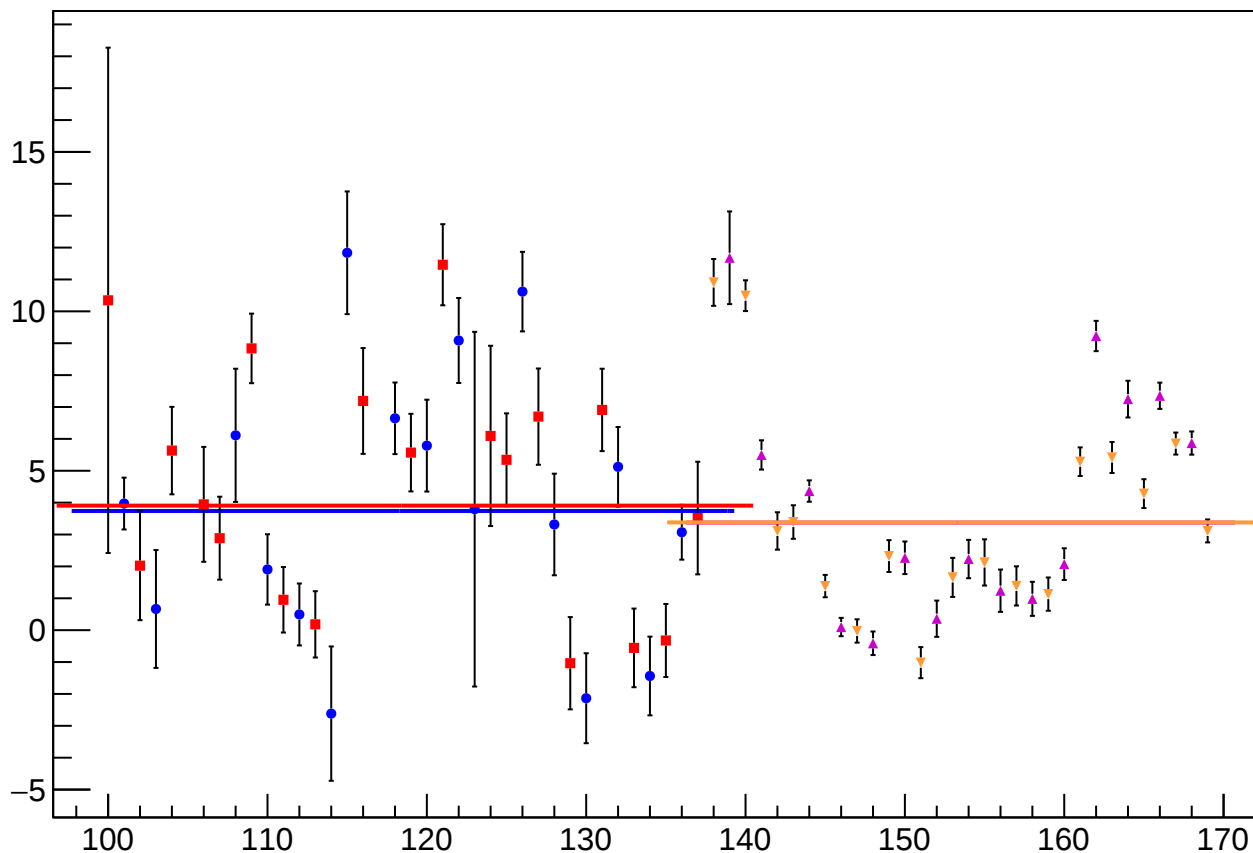
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 3.380 $\pm$ 0.114 χ^2 /NDF:658.6/16

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 3.374 $\pm$ 0.116 χ^2 /NDF:709.3/14

Left: 3.377 $\pm$ 0.081 χ^2 /NDF: 1367.9/31

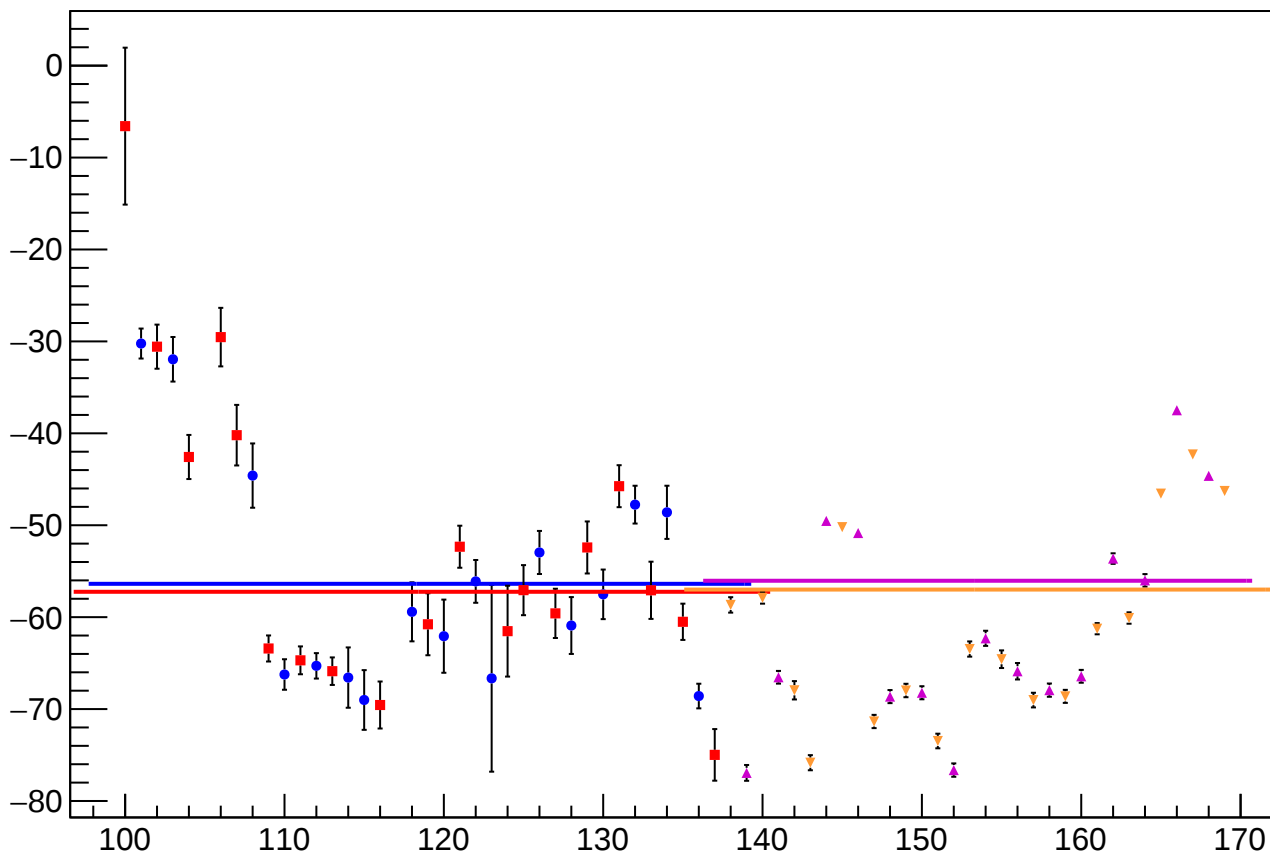
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 3.419 $\pm$ 0.109 χ^2 /NDF:847.4/31

Out: 3.440 $\pm$ 0.107 χ^2 /NDF:796.6/35

All: 3.430 $\pm$ 0.076 χ^2 /NDF: 1644.0/67

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -56.999 ± 0.156 χ^2/NDF : 4708.2/16

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -56.040 ± 0.158 χ^2/NDF : 5492.0/14

Left: -56.527 ± 0.111 χ^2/NDF : 10218.8/31

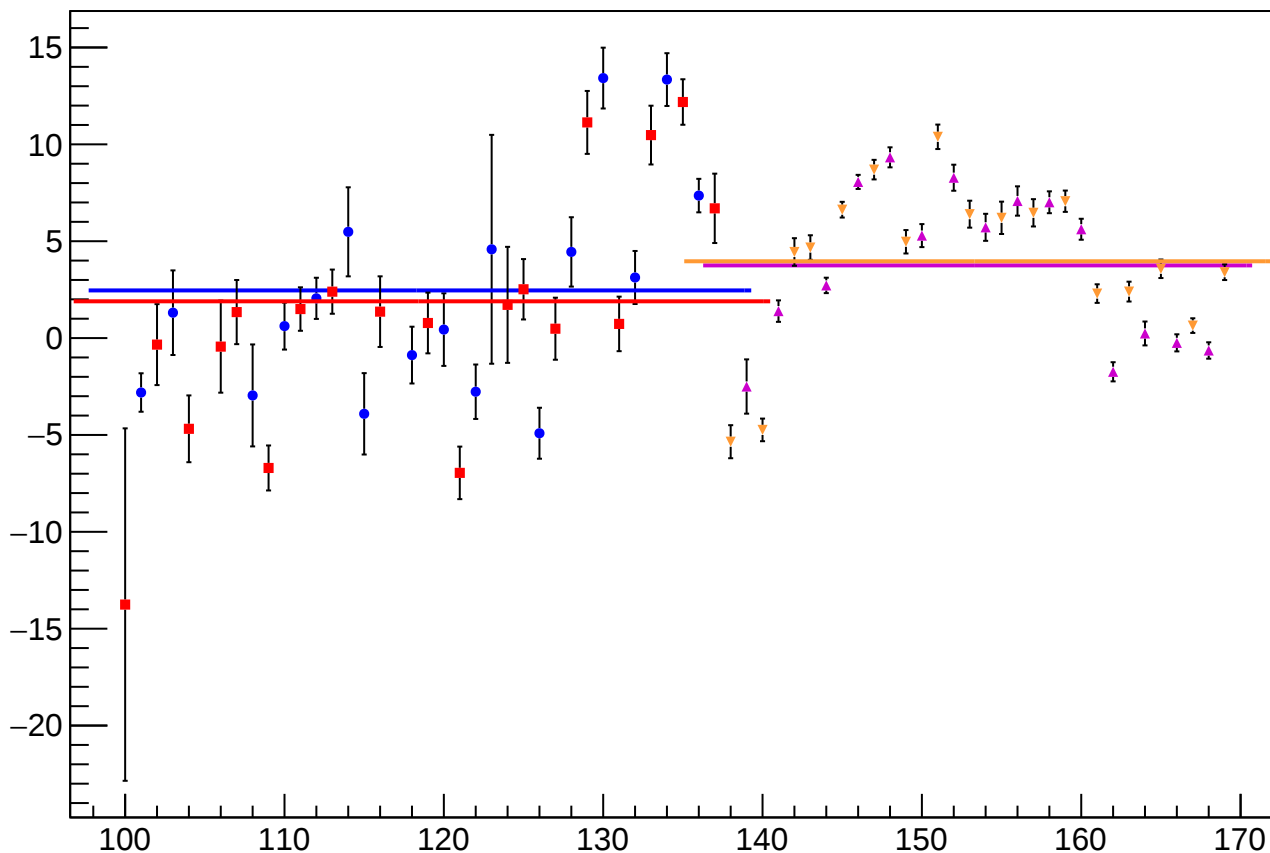
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -56.066 ± 0.152 χ^2/NDF : 6079.9/31

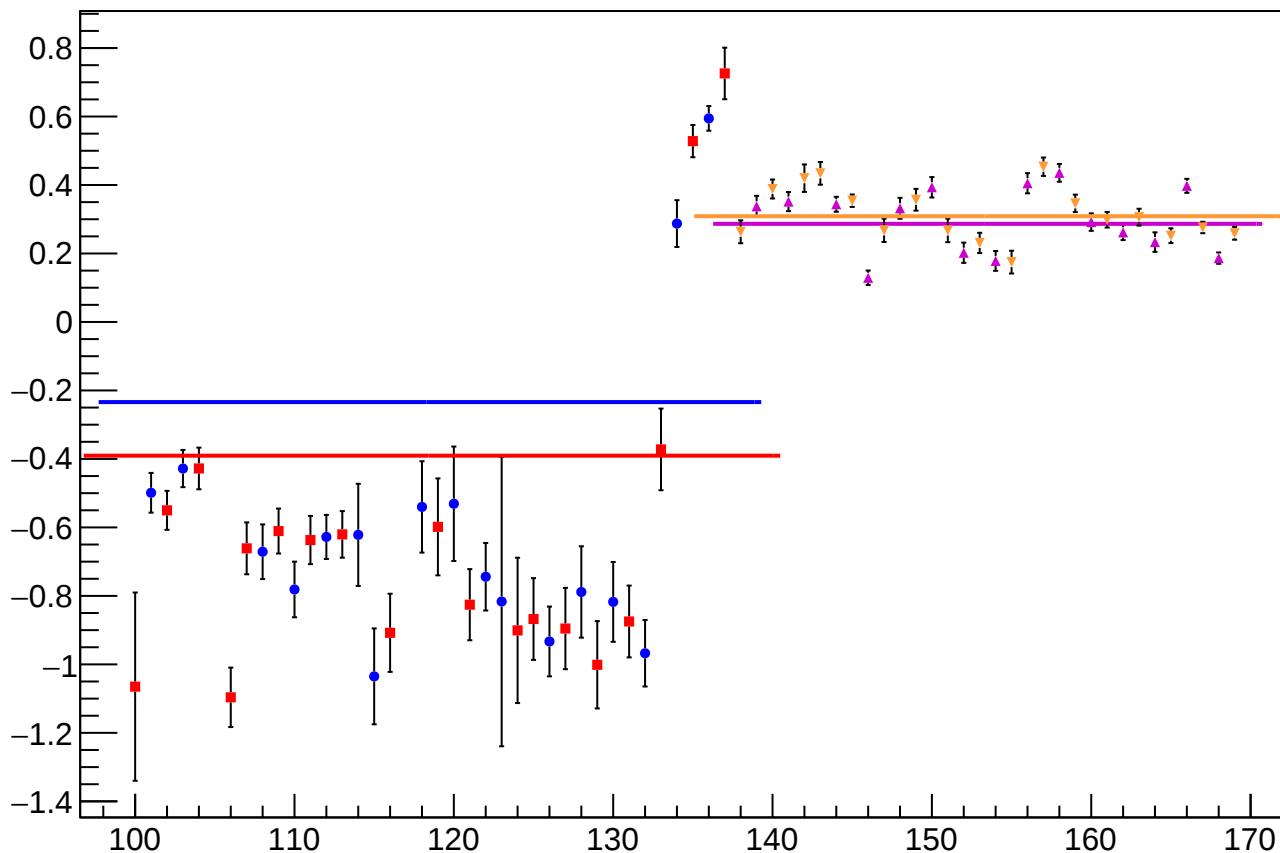
Out: -57.018 ± 0.150 χ^2/NDF : 5184.7/35

All: -56.549 ± 0.107 χ^2/NDF : 11284.5/67

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.309 ± 0.006 χ^2/NDF : 115.8/16

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.287 ± 0.006 χ^2/NDF : 228.0/14

Left: 0.298 ± 0.004 χ^2/NDF : 350.2/31

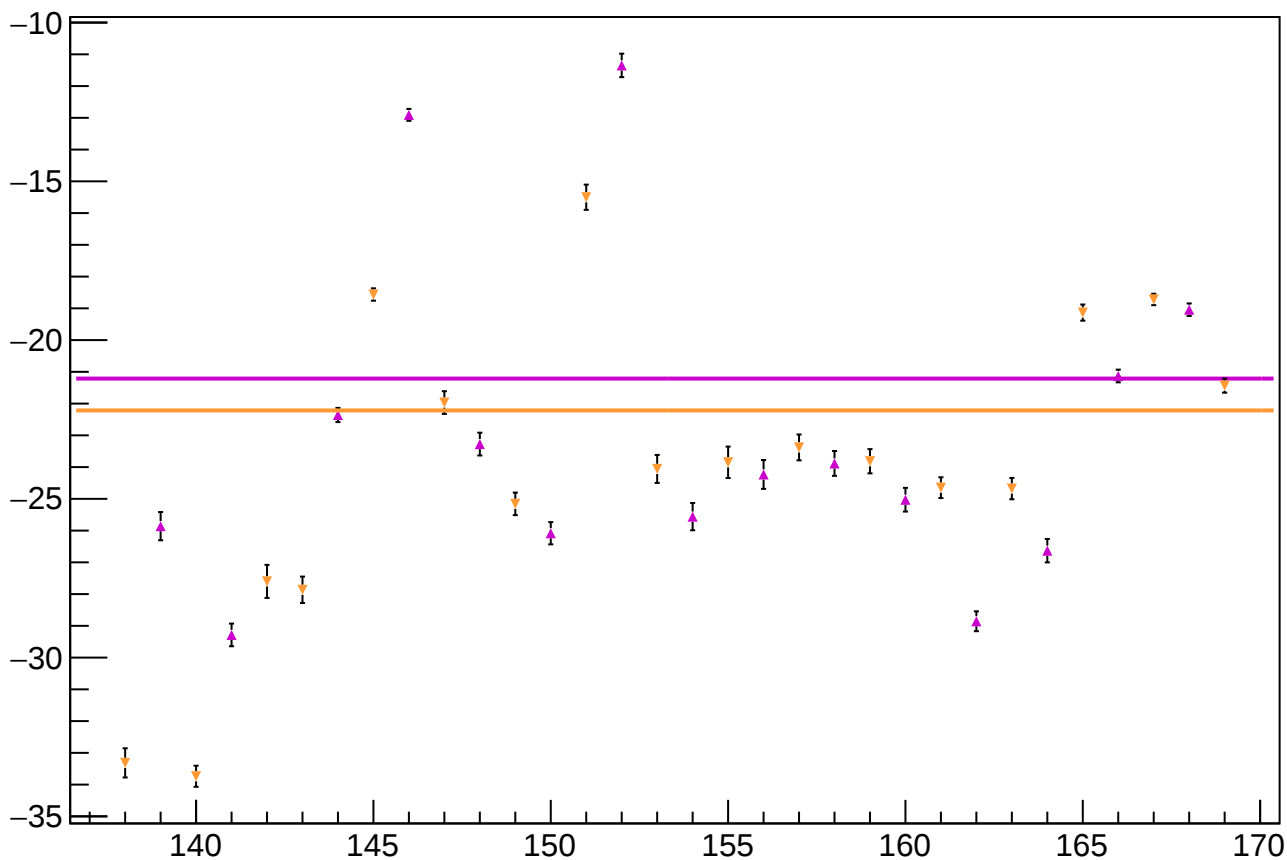
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.234 ± 0.006 χ^2/NDF : 1868.0/31

Out: 0.243 ± 0.006 χ^2/NDF : 2200.4/35

All: 0.238 ± 0.004 χ^2/NDF : 4069.6/67

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

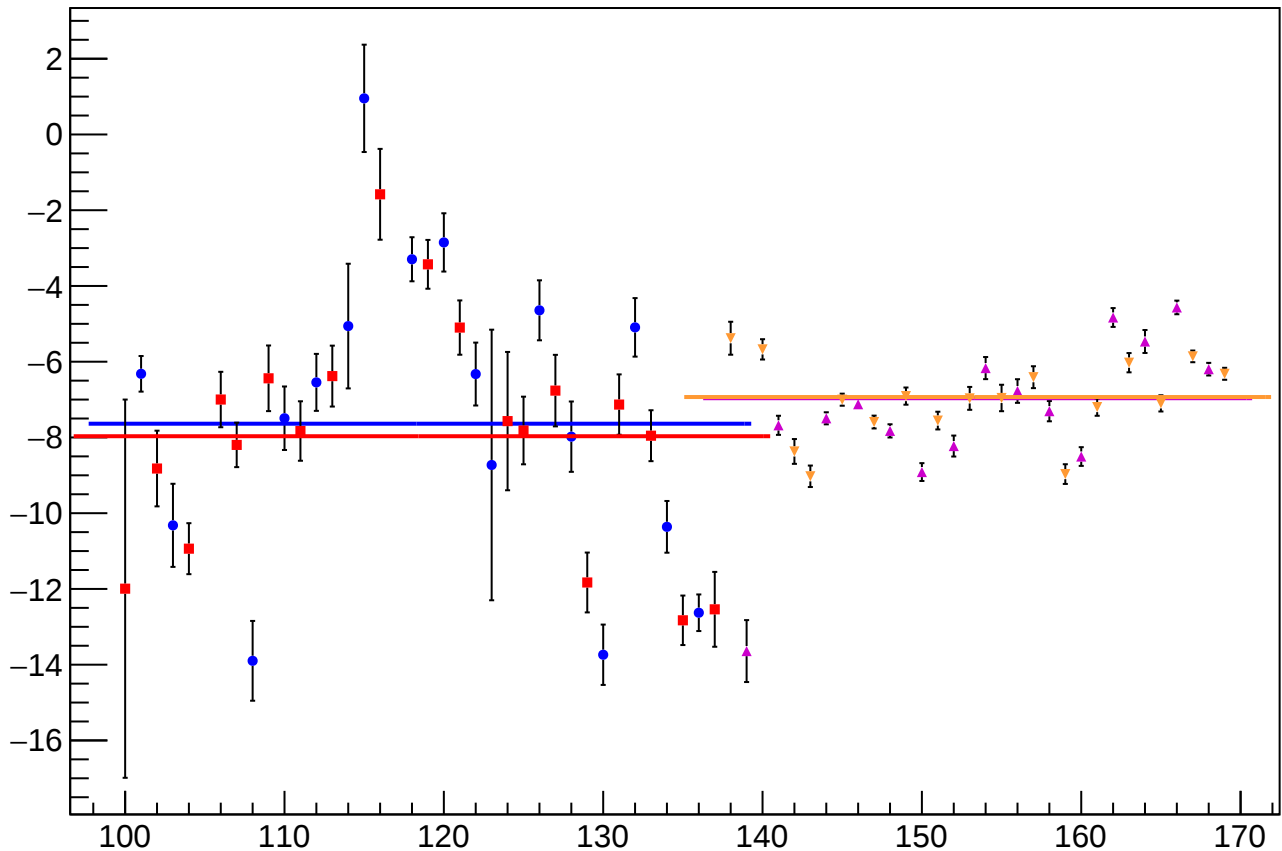


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.215+/-0.075 χ^2/NDF :3480.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.212+/-0.075 χ^2/NDF :4778.6/14

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: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.964 ± 0.054 χ^2/NDF : 546.1/14

Left: -6.949 ± 0.038 χ^2/NDF : 819.6/31

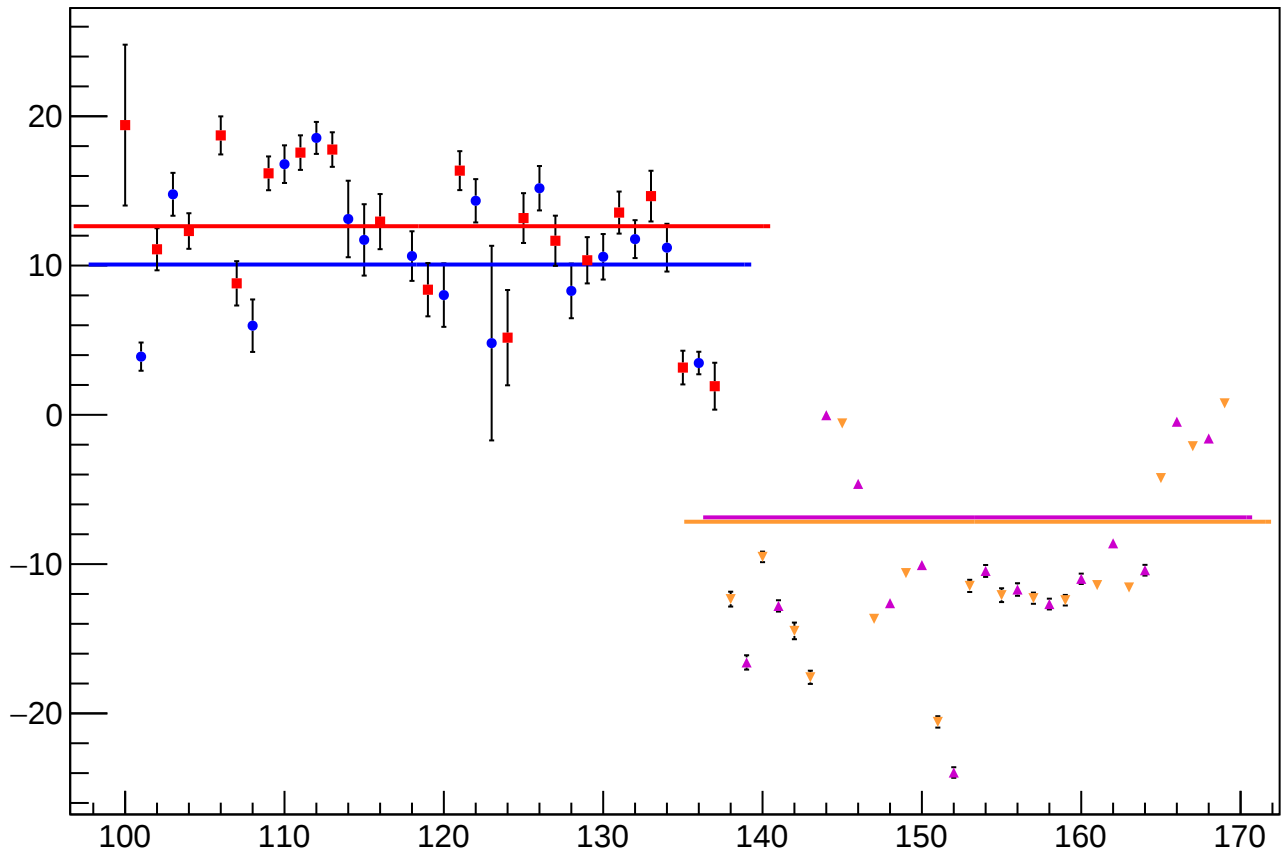
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.017 ± 0.052 χ^2/NDF : 952.2/31

Out: -7.015 ± 0.052 χ^2/NDF : 529.1/35

All: -7.016 ± 0.037 χ^2/NDF : 1481.3/67

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: 12.635 ± 0.332 χ^2/NDF : 220.5/18

Left In: -6.870 ± 0.074 χ^2/NDF : 6774.9/14

Left: -7.015 ± 0.053 χ^2/NDF : 13570.8/31

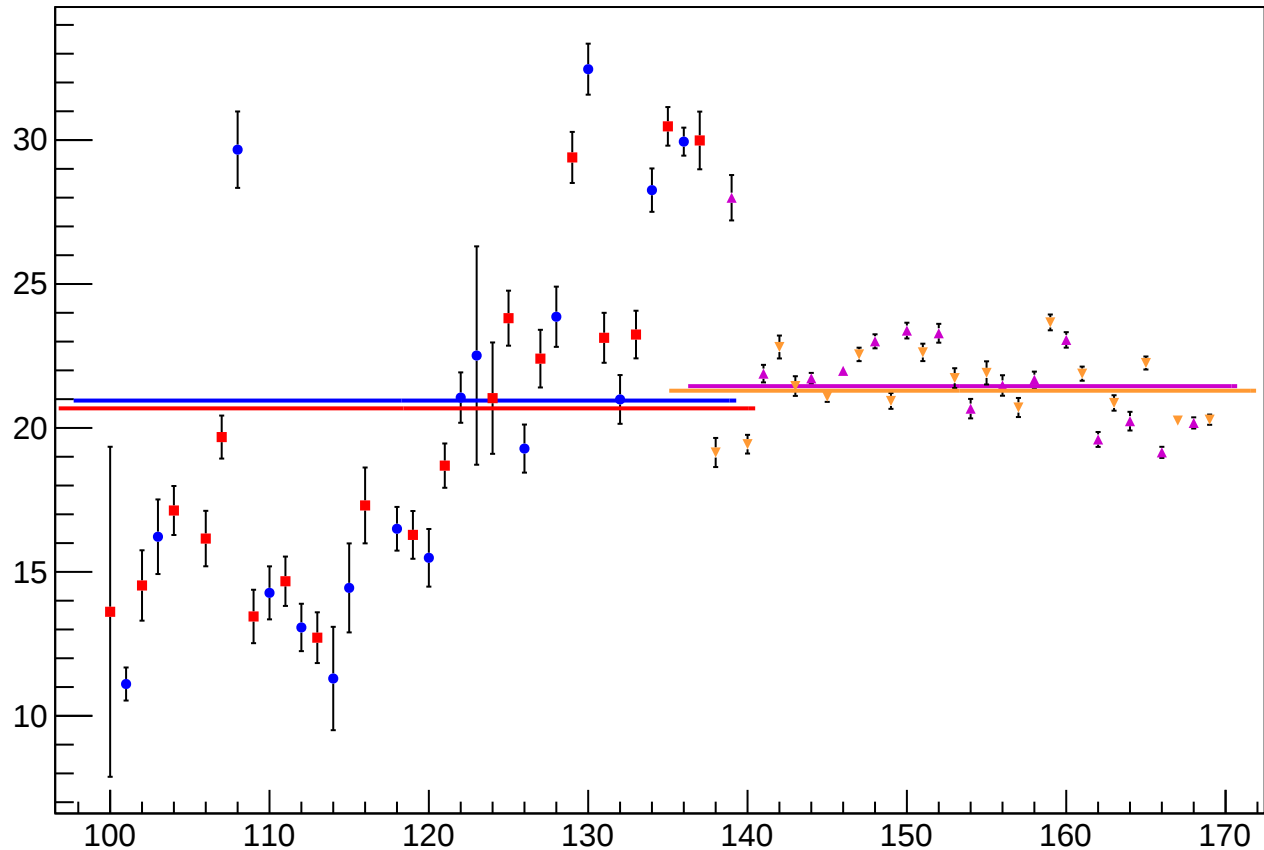
Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35

In: -6.088 ± 0.073 χ^2/NDF : 9432.1/31

Out: -6.212 ± 0.073 χ^2/NDF : 10384.0/35

All: -6.149 ± 0.051 χ^2/NDF : 19817.5/67

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: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

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

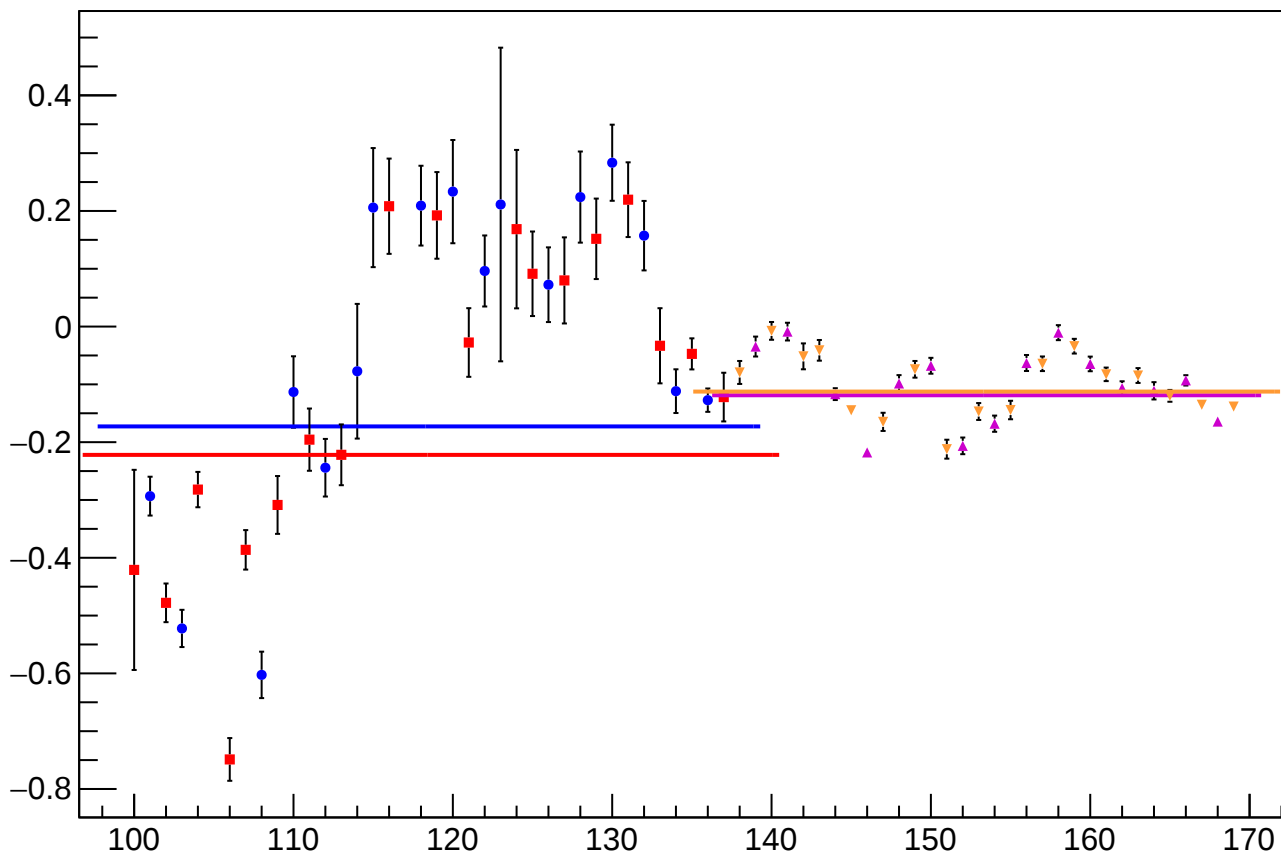
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.410 $\pm$ 0.061 χ^2 /NDF: 1728.3/31

Out: 21.245 $\pm$ 0.060 χ^2 /NDF: 1030.8/35

All: 21.326 $\pm$ 0.043 χ^2 /NDF: 2762.8/67

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.112 ± 0.003 χ^2/NDF : 237.0/16

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.119 ± 0.003 χ^2/NDF : 427.9/14

Left: -0.116 ± 0.002 χ^2/NDF : 667.1/31

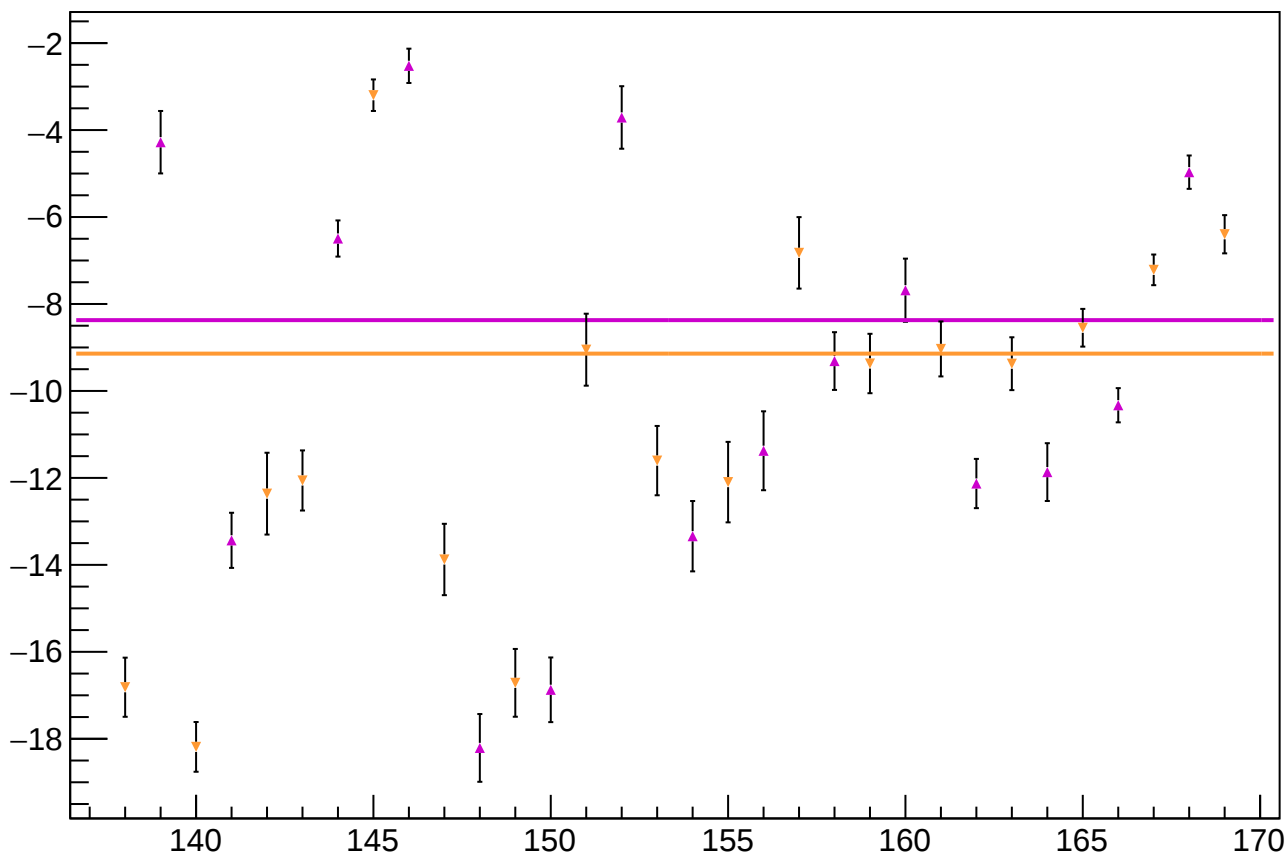
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.122 ± 0.003 χ^2/NDF : 909.8/31

Out: -0.120 ± 0.003 χ^2/NDF : 866.9/35

All: -0.121 ± 0.002 χ^2/NDF : 1777.2/67

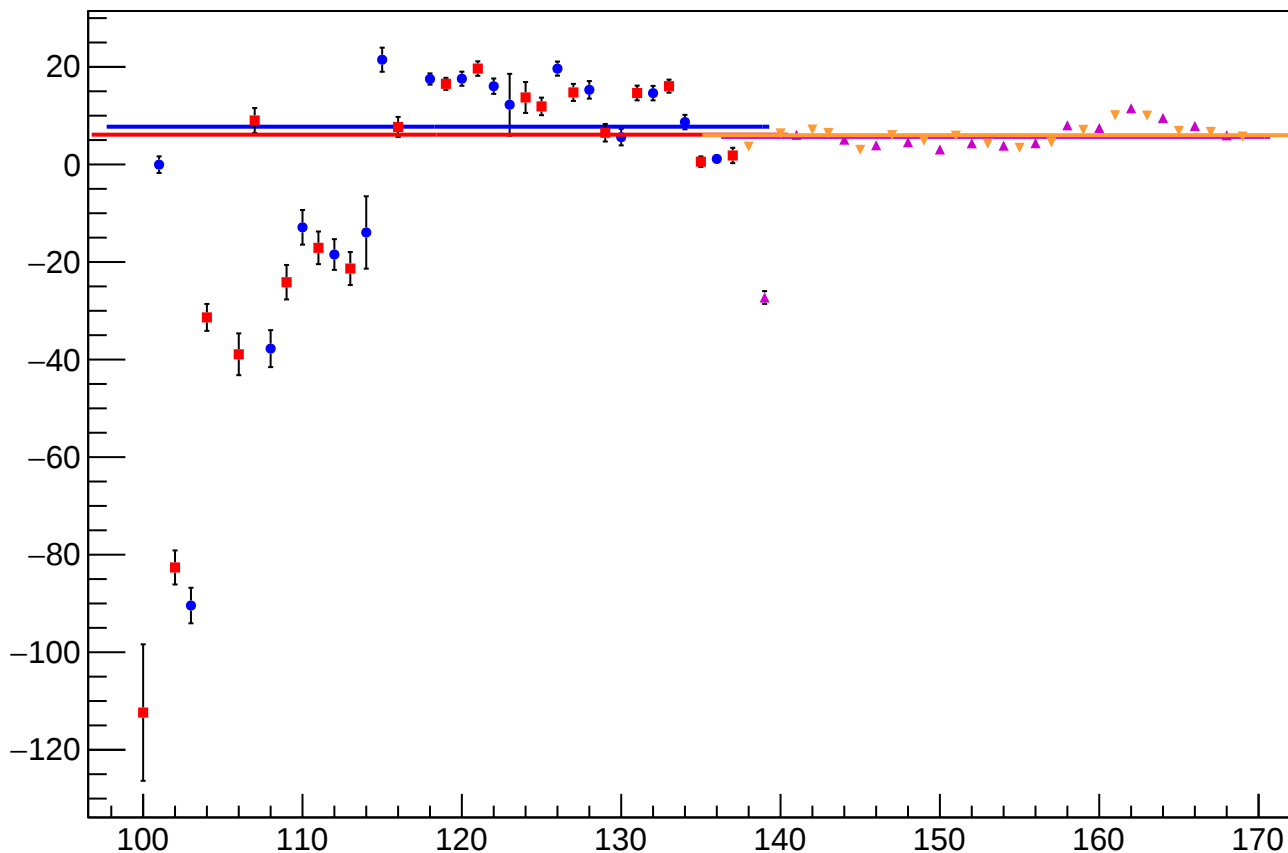
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.651 ± 0.107 χ^2/NDF : 1043.6/14

Left: 5.829 ± 0.074 χ^2/NDF : 1392.0/31

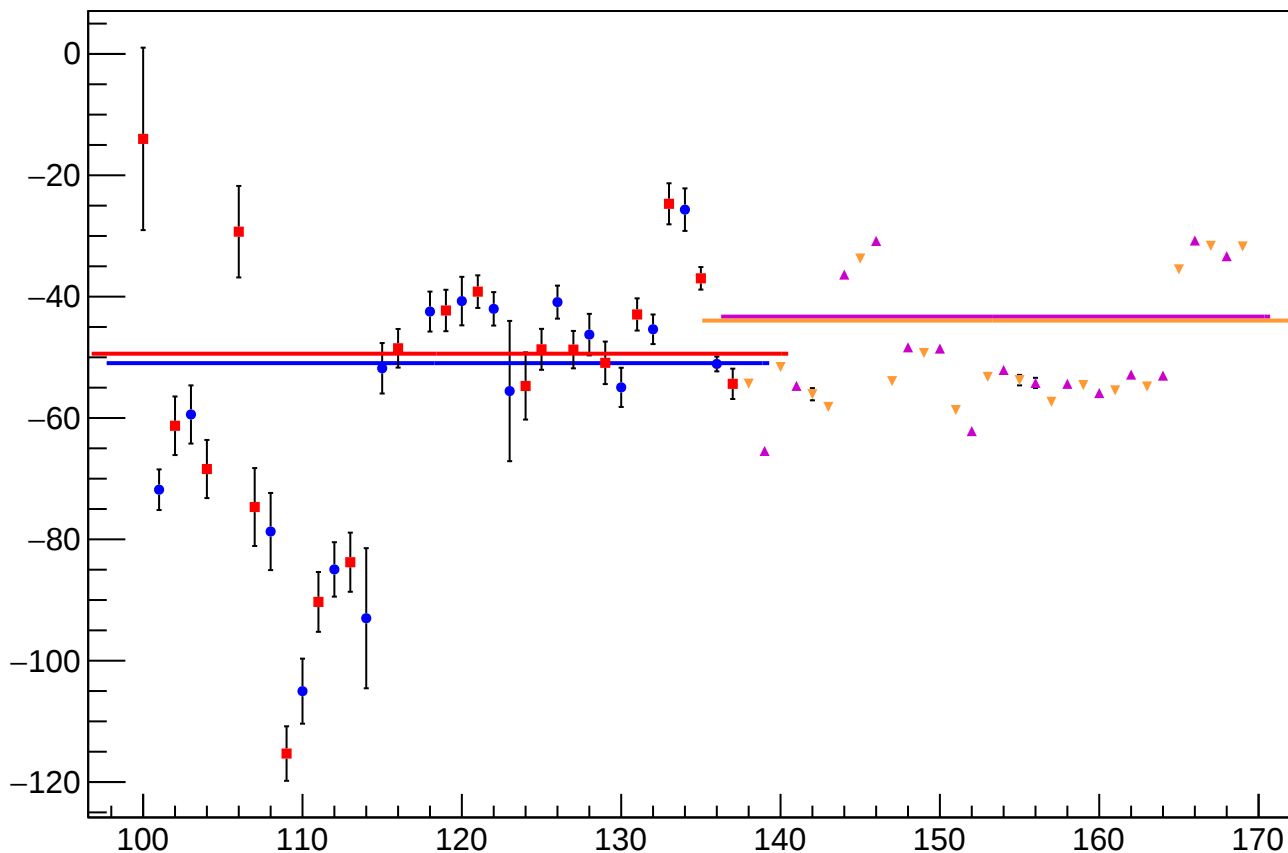
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.788 ± 0.103 χ^2/NDF : 2427.7/31

Out: 6.003 ± 0.101 χ^2/NDF : 1860.7/35

All: 5.898 ± 0.072 χ^2/NDF : 4290.6/67

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: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -43.288 ± 0.144 χ^2/NDF : 6429.7/14

Left: -43.623 ± 0.100 χ^2/NDF : 12493.1/31

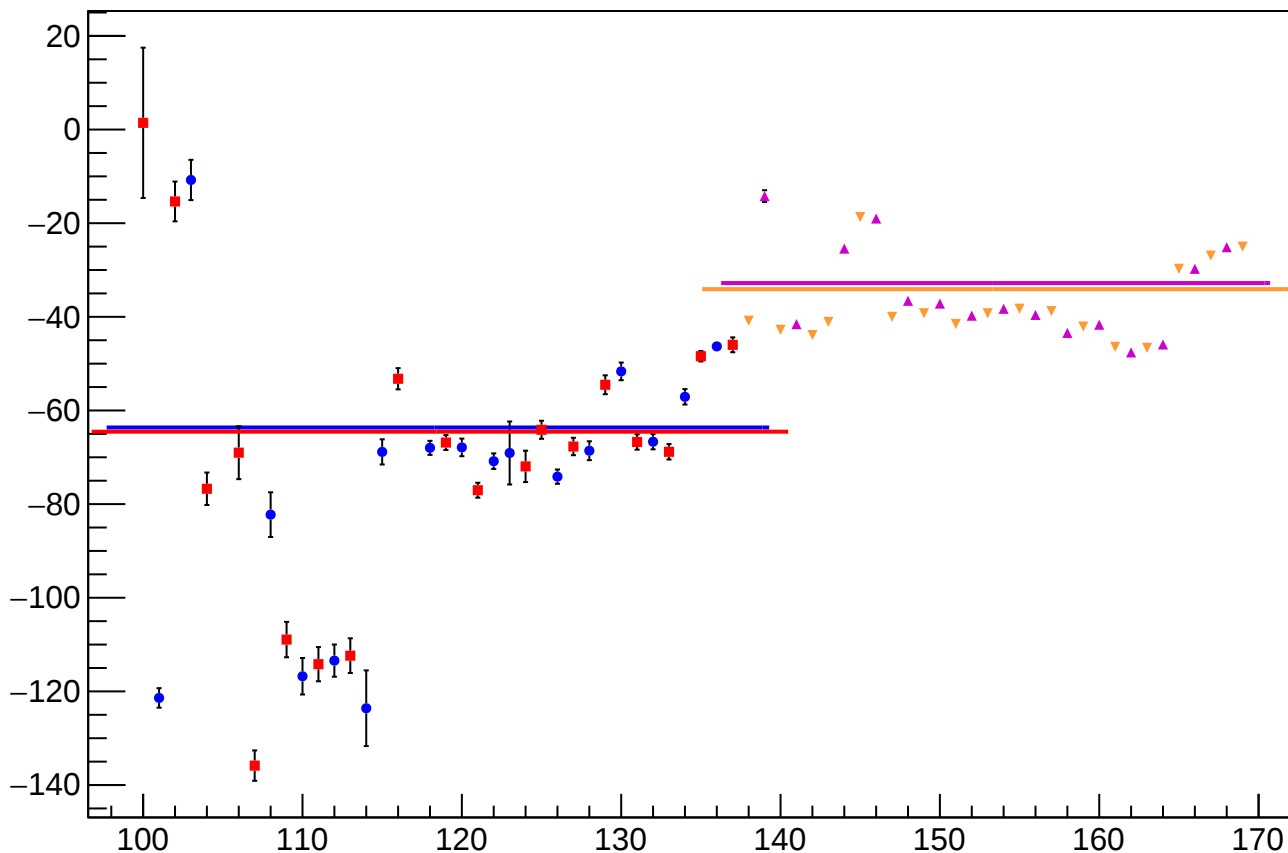
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -43.568 ± 0.141 χ^2/NDF : 6865.6/31

Out: -44.109 ± 0.139 χ^2/NDF : 6610.2/35

All: -43.843 ± 0.099 χ^2/NDF : 13483.3/67

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: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -32.781 ± 0.124 χ^2/NDF : 5980.3/14

Left: -33.462 ± 0.086 χ^2/NDF : 12181.0/31

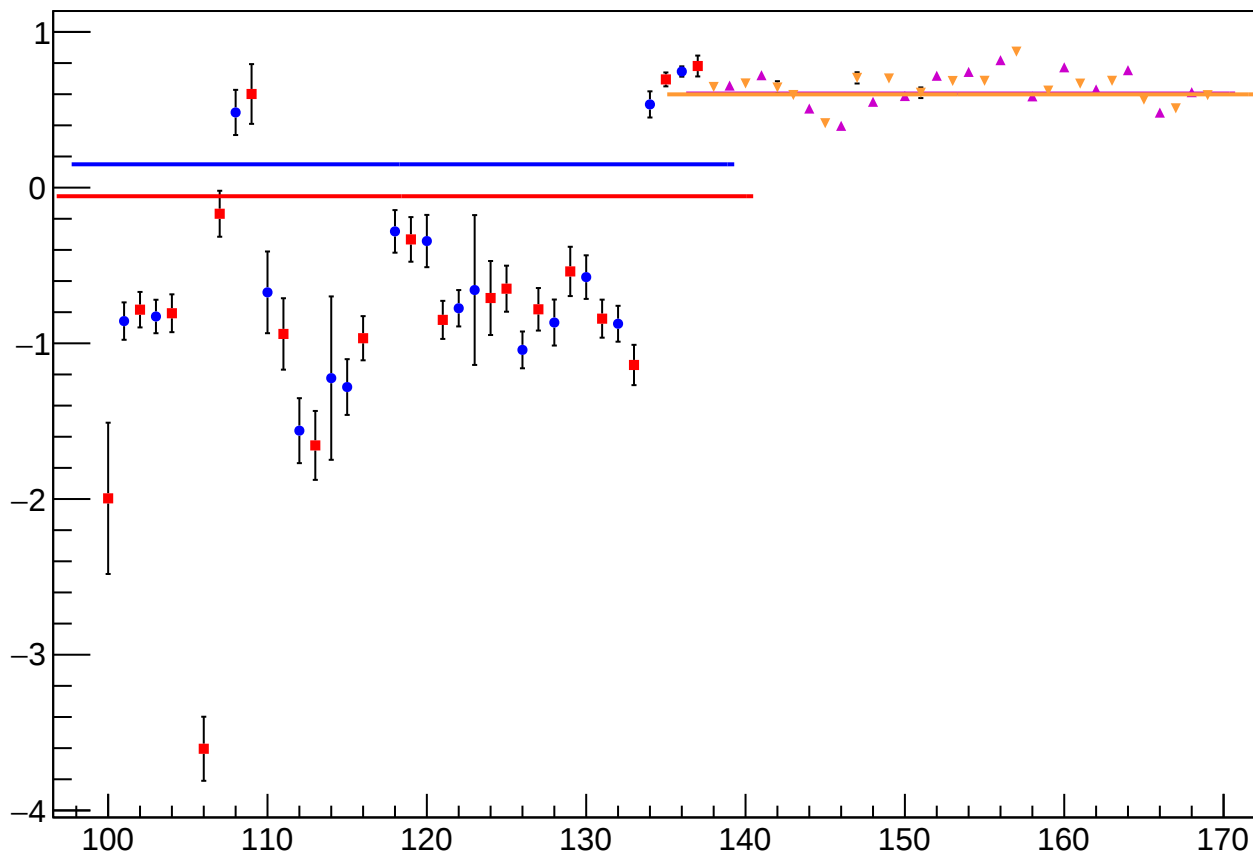
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -34.995 ± 0.119 χ^2/NDF : 12435.7/31

Out: -35.821 ± 0.115 χ^2/NDF : 11517.4/35

All: -35.423 ± 0.083 χ^2/NDF : 23977.9/67

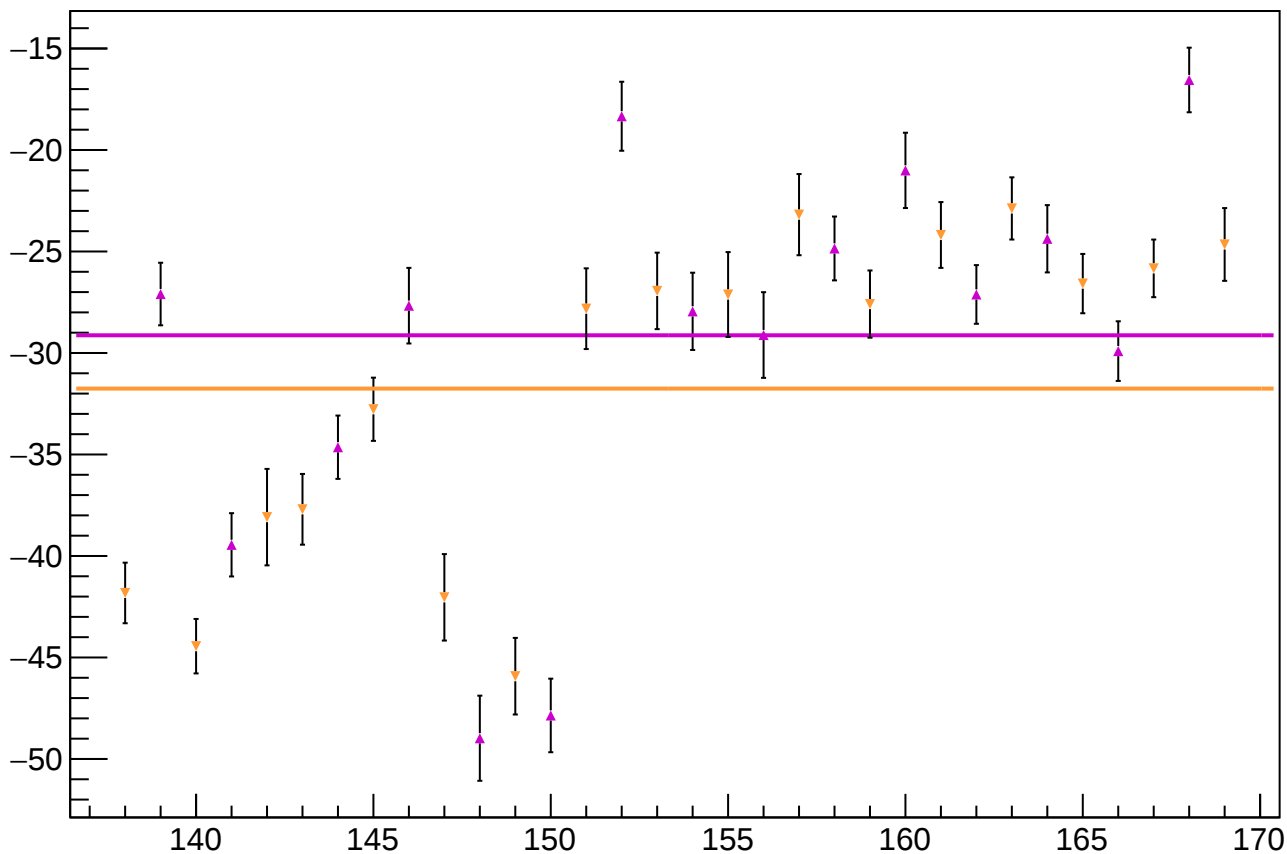
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16
 Left Out: 0.599 $\pm$ 0.006 χ^2 /NDF:379.5/16
 Right Out: -0.055 $\pm$ 0.026 χ^2 /NDF: 1170.0/18
 Left In: 0.605 $\pm$ 0.006 χ^2 /NDF:418.3/14

Left: 0.602 $\pm$ 0.004 χ^2 /NDF: 798.4/31
 Right: 0.056 $\pm$ 0.018 χ^2 /NDF: 2192.5/35
 In: 0.579 $\pm$ 0.006 χ^2 /NDF:1747.1/31
 Out: 0.571 $\pm$ 0.005 χ^2 /NDF:2147.0/35
 All: 0.575 $\pm$ 0.004 χ^2 /NDF: 3895.2/67

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

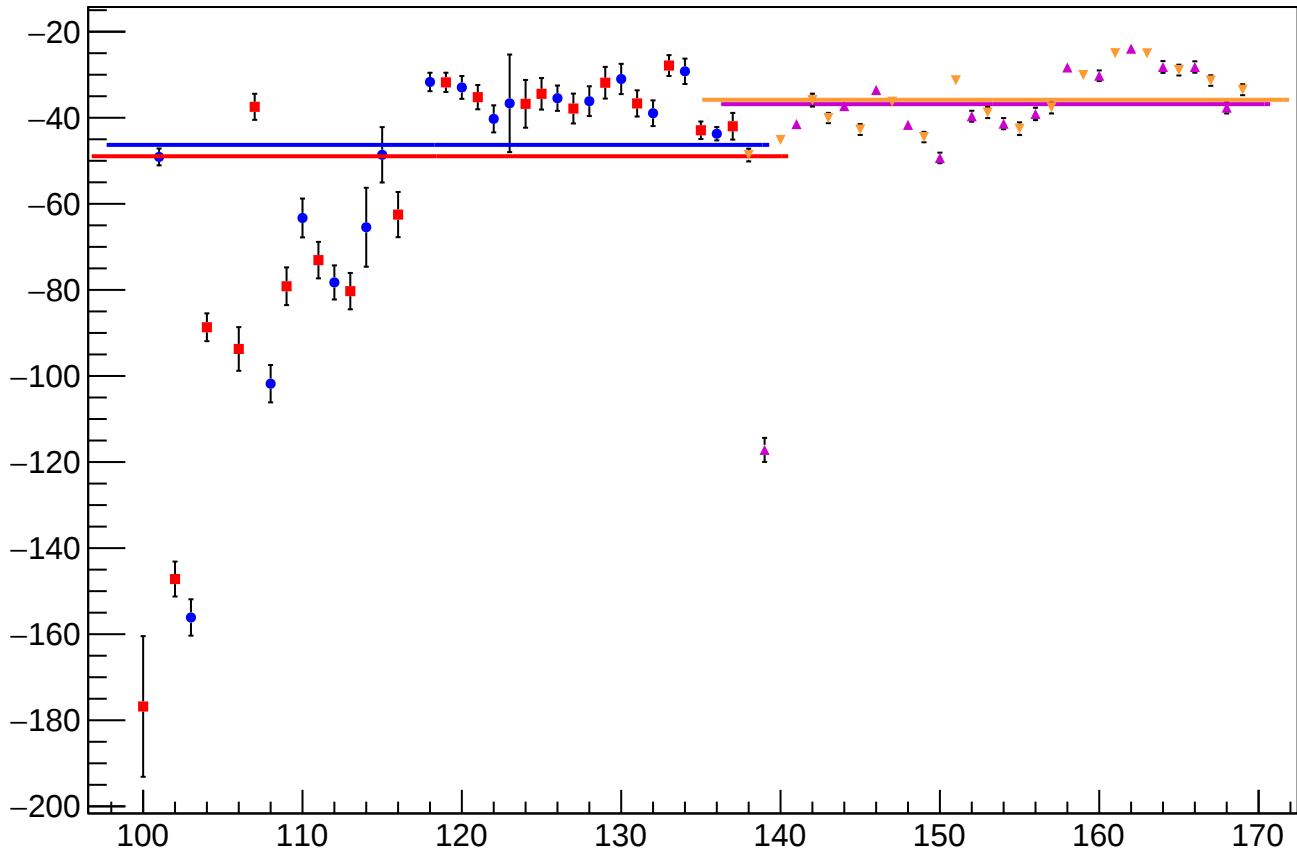
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -36.838 ± 0.321 $\chi^2/\text{NDF}: 1297.0/14$

Left: -36.296 ± 0.219 $\chi^2/\text{NDF}: 1835.2/31$

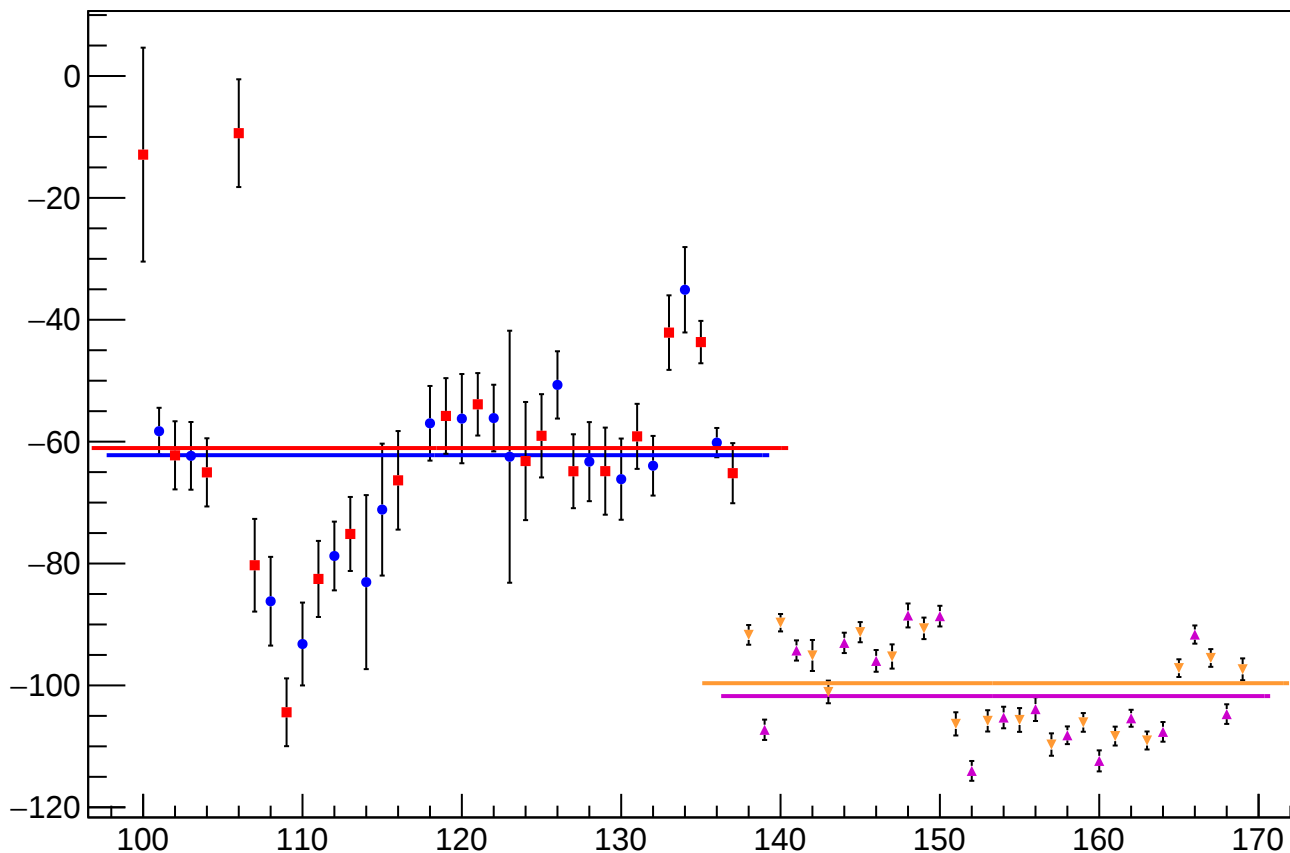
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -38.391 ± 0.293 $\chi^2/\text{NDF}: 2523.9/31$

Out: -37.573 ± 0.278 $\chi^2/\text{NDF}: 2063.1/35$

All: -37.960 ± 0.202 $\chi^2/\text{NDF}: 4591.2/67$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



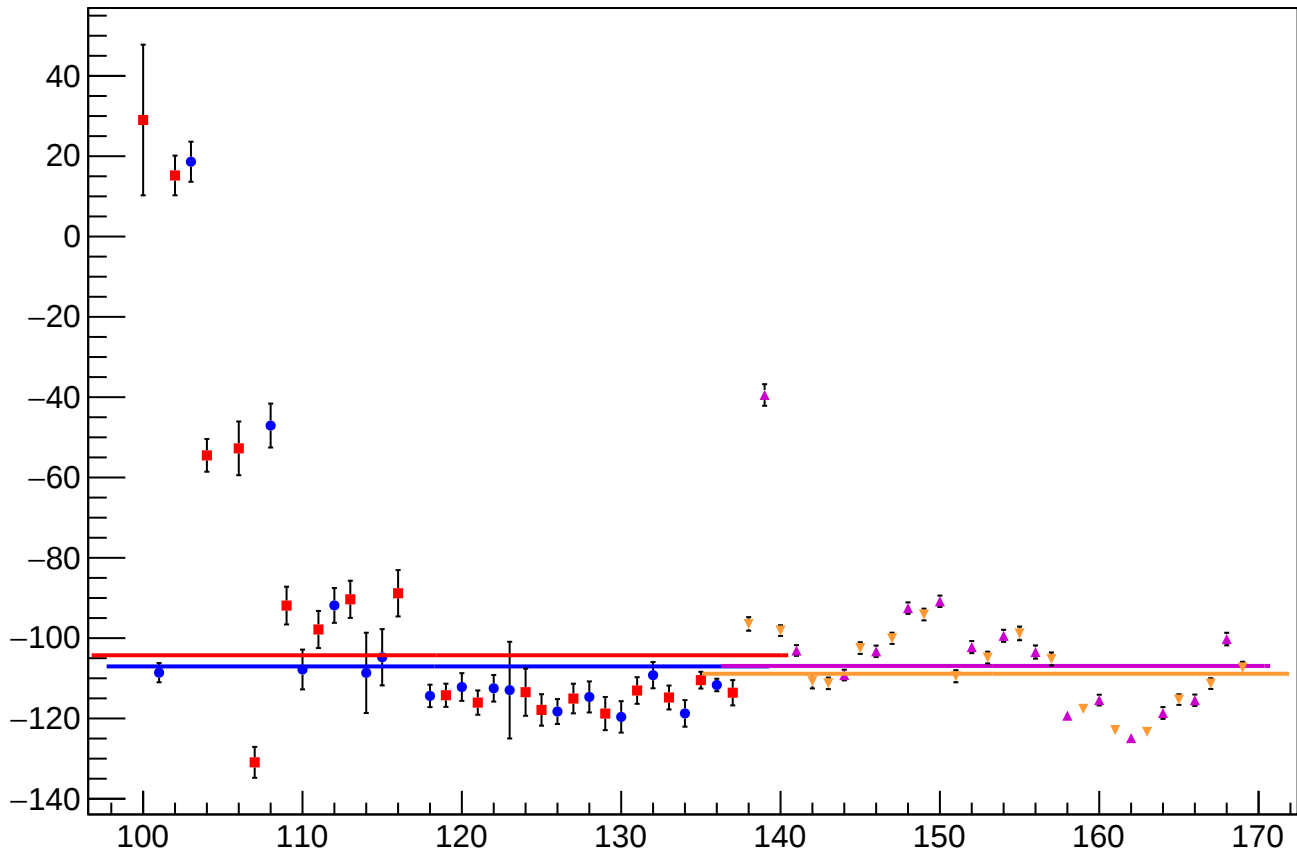
Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.636 ± 0.409 χ^2/NDF : 299.0/16
 Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18
 Left In: -101.751 ± 0.426 χ^2/NDF : 363.4/14

Left: -100.651 ± 0.295 χ^2/NDF : 675.2/31
 Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -97.978 ± 0.405 χ^2/NDF : 1252.3/31
 Out: -96.514 ± 0.392 χ^2/NDF : 1185.0/35

All: -97.222 ± 0.282 χ^2/NDF : 2444.0/67

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -108.871 ± 0.344 $\chi^2/\text{NDF}: 686.8/16$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -106.920 ± 0.368 $\chi^2/\text{NDF}: 1415.7/14$

Left: -107.961 ± 0.251 $\chi^2/\text{NDF}: 2117.4/31$

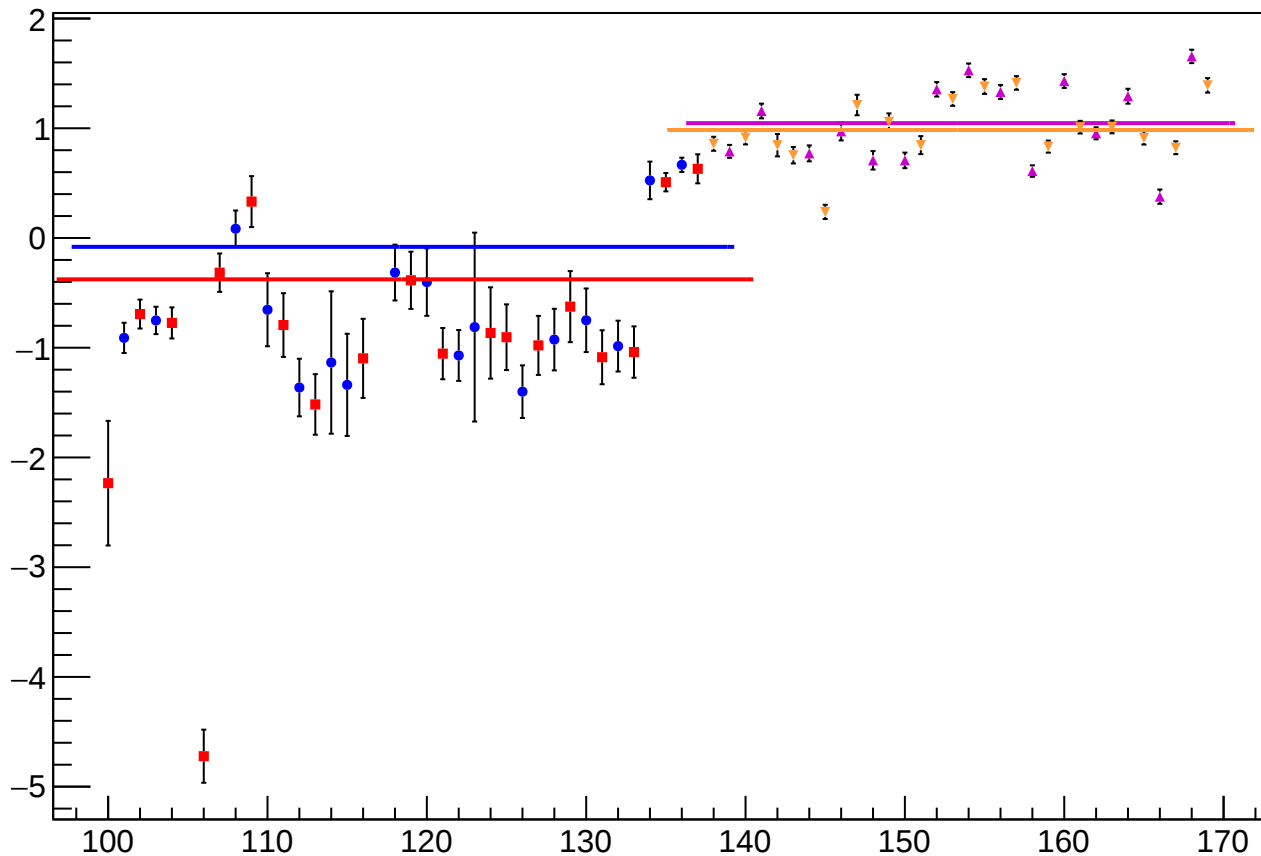
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -106.941 ± 0.335 $\chi^2/\text{NDF}: 2243.5/31$

Out: -108.236 ± 0.319 $\chi^2/\text{NDF}: 1729.5/35$

All: -107.619 ± 0.231 $\chi^2/\text{NDF}: 3980.9/67$

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: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.047 ± 0.017 χ^2/NDF : 504.7/14

Left: 1.014 ± 0.012 χ^2/NDF : 827.7/31

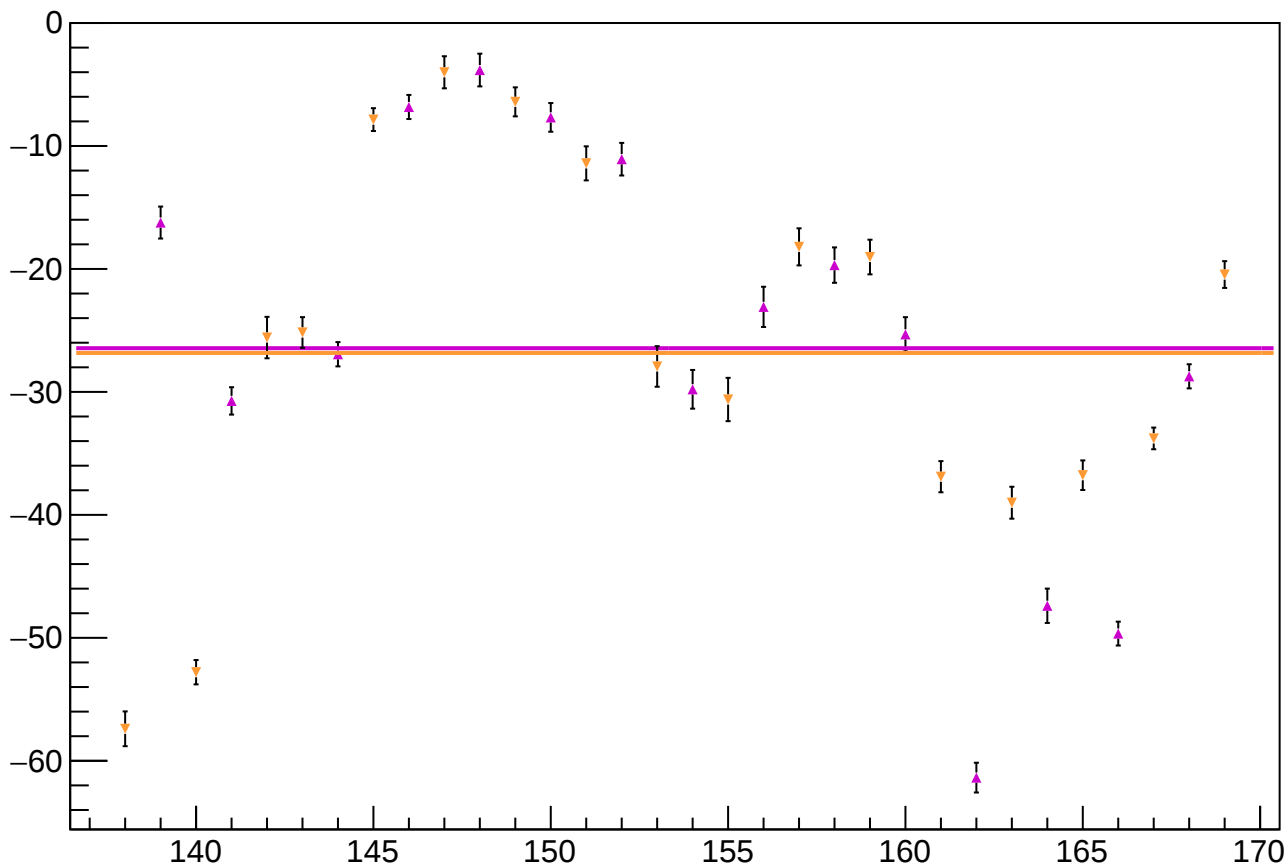
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.894 ± 0.016 χ^2/NDF : 1450.8/31

Out: 0.824 ± 0.015 χ^2/NDF : 1748.2/35

All: 0.858 ± 0.011 χ^2/NDF : 3209.5/67

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



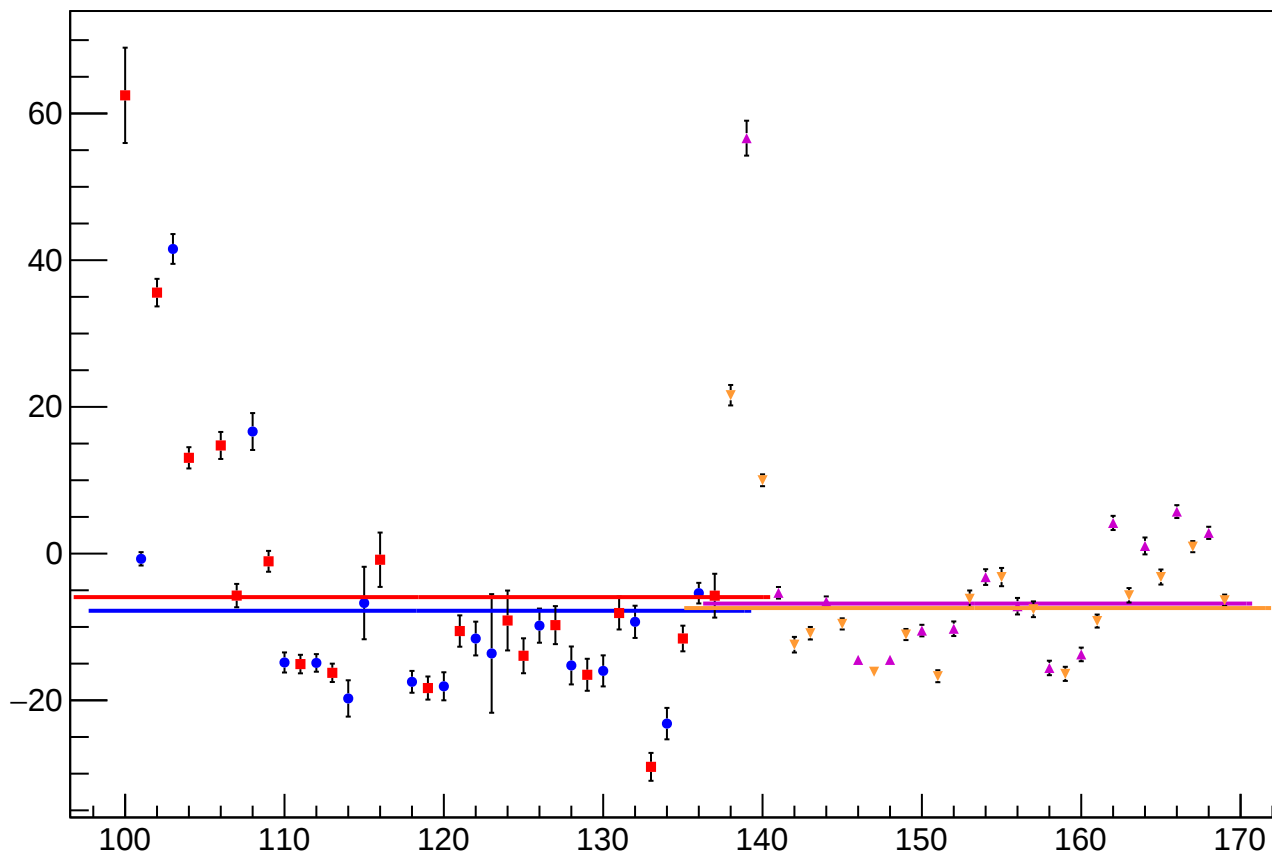
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -26.832+/-0.299 χ^2/NDF :2687.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.446+/-0.310 χ^2/NDF :2825.8/14

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: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -6.812 ± 0.225 χ^2/NDF : 1703.8/14

Left: -7.133 ± 0.155 χ^2/NDF : 3245.2/31

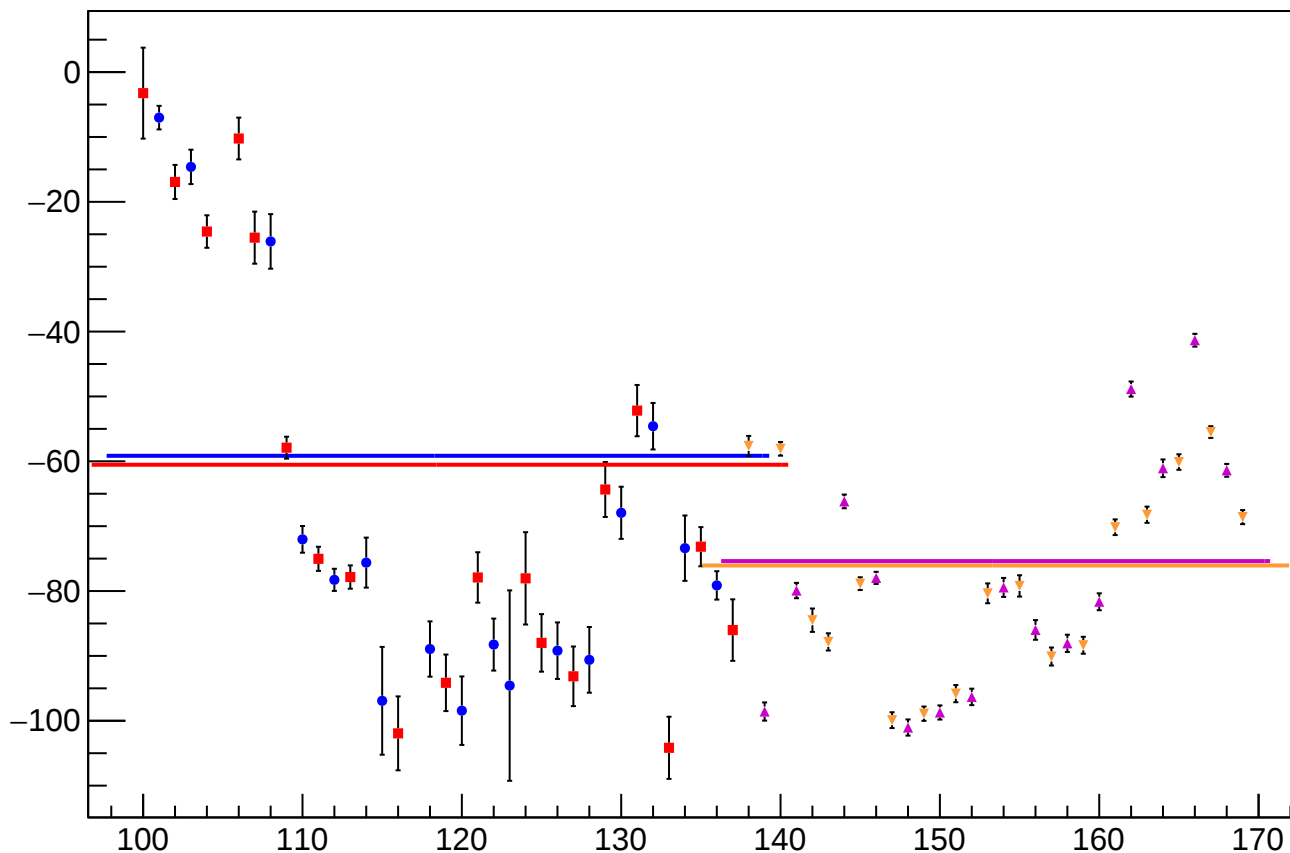
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -7.024 ± 0.199 χ^2/NDF : 2690.7/31

Out: -7.127 ± 0.191 χ^2/NDF : 2841.4/35

All: -7.077 ± 0.138 χ^2/NDF : 5532.2/67

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -76.058 ± 0.298 χ^2/NDF : 2587.9/16

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -75.381 ± 0.305 χ^2/NDF : 3707.4/14

Left: -75.728 ± 0.213 χ^2/NDF : 6297.8/31

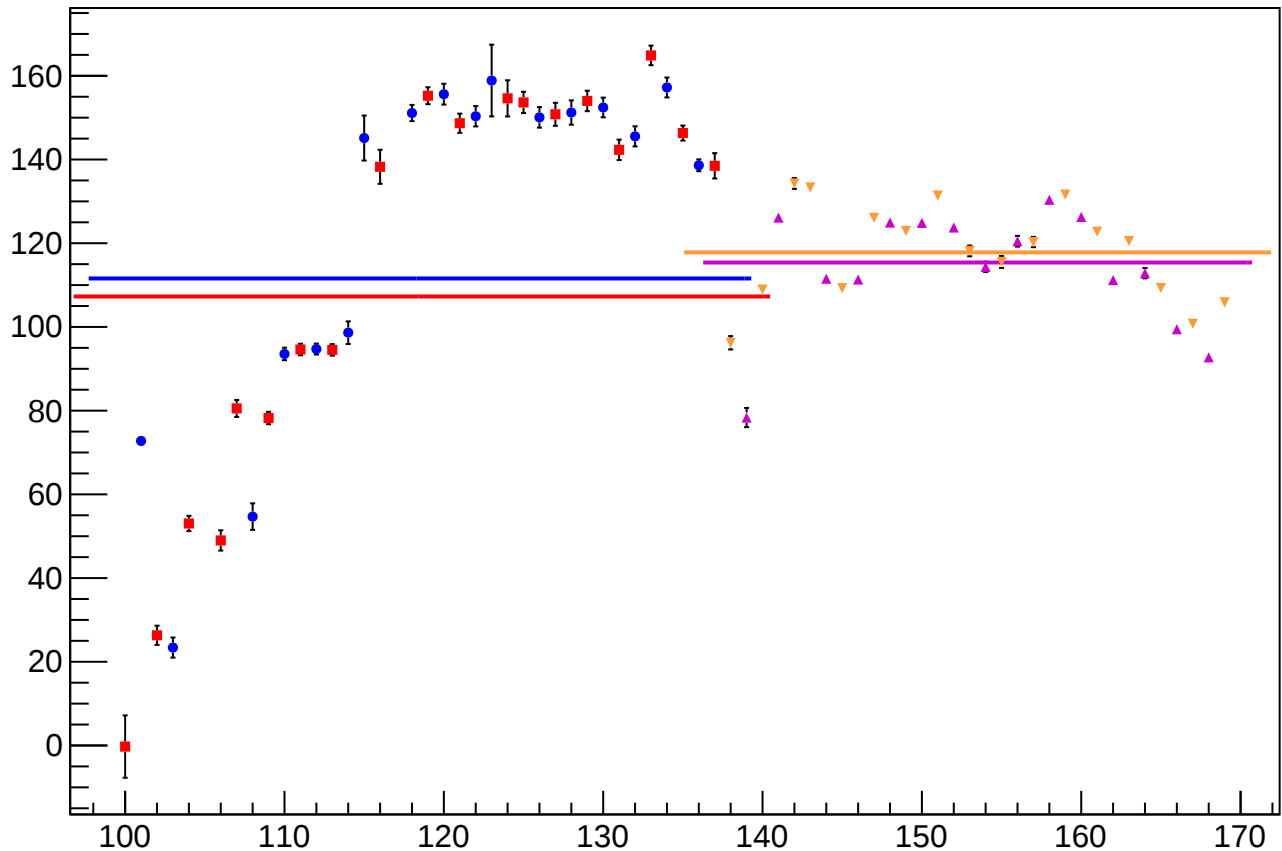
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -73.047 ± 0.283 χ^2/NDF : 5831.9/31

Out: -73.704 ± 0.274 χ^2/NDF : 4385.8/35

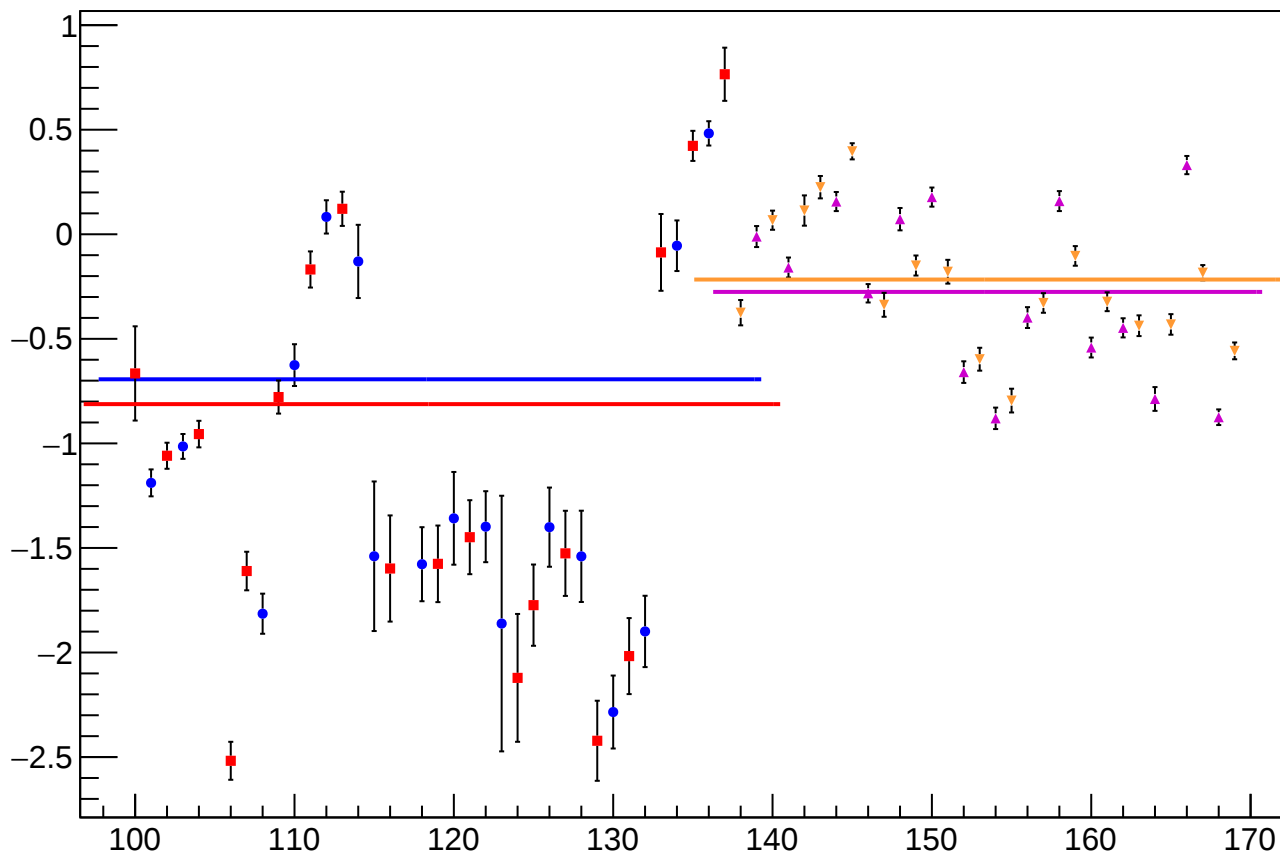
All: -73.386 ± 0.197 χ^2/NDF : 10220.4/67

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 116.663 ± 0.180 χ^2/NDF : 3890.3/31
 Right: 109.427 ± 0.345 χ^2/NDF : 13029.8/35
 In: 114.540 ± 0.231 χ^2/NDF : 7898.8/31
 Out: 115.629 ± 0.222 χ^2/NDF : 9355.6/35
 All: 115.106 ± 0.160 χ^2/NDF : 17266.0/67

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: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.276 ± 0.012 χ^2/NDF : 1123.8/14

Left: -0.245 ± 0.008 χ^2/NDF : 1810.4/31

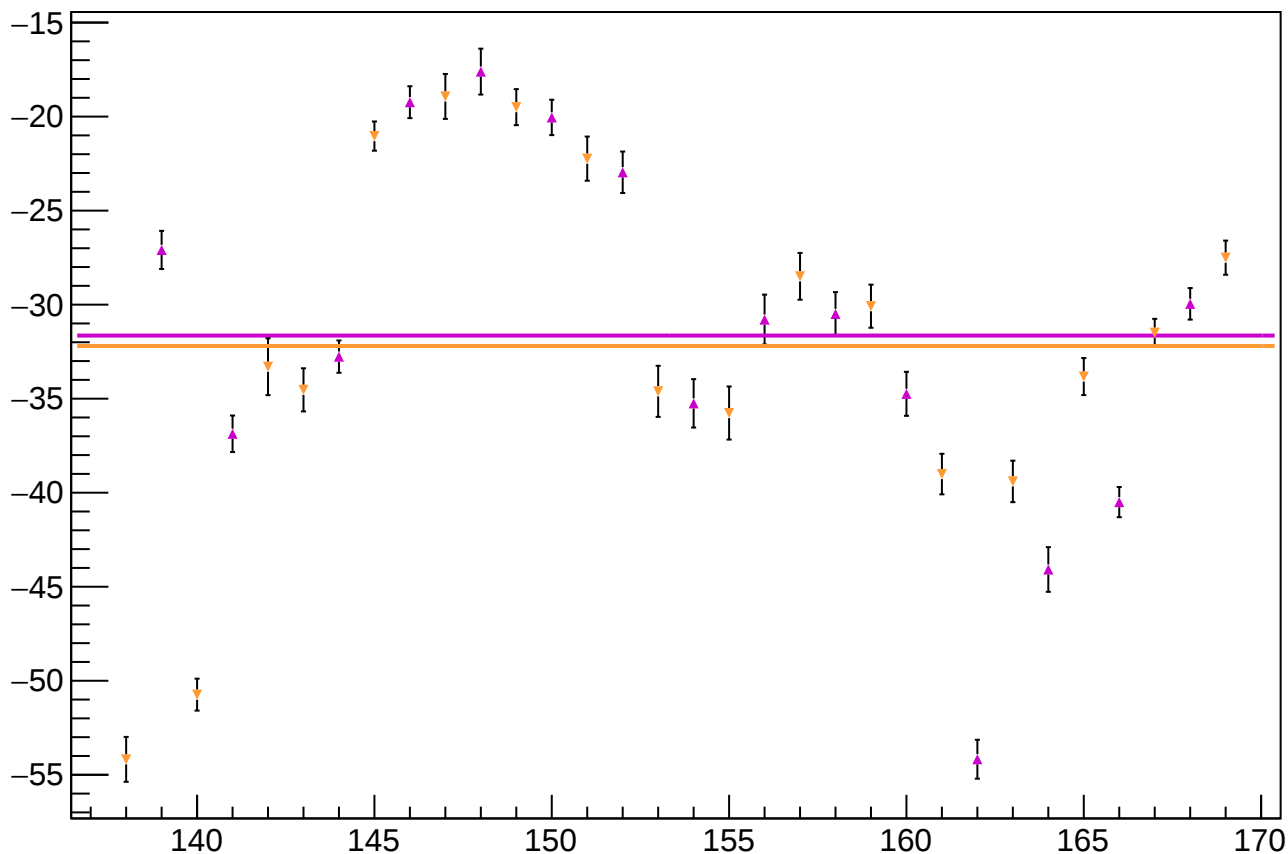
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.352 ± 0.011 χ^2/NDF : 2328.9/31

Out: -0.329 ± 0.011 χ^2/NDF : 2469.6/35

All: -0.340 ± 0.008 χ^2/NDF : 4800.8/67

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

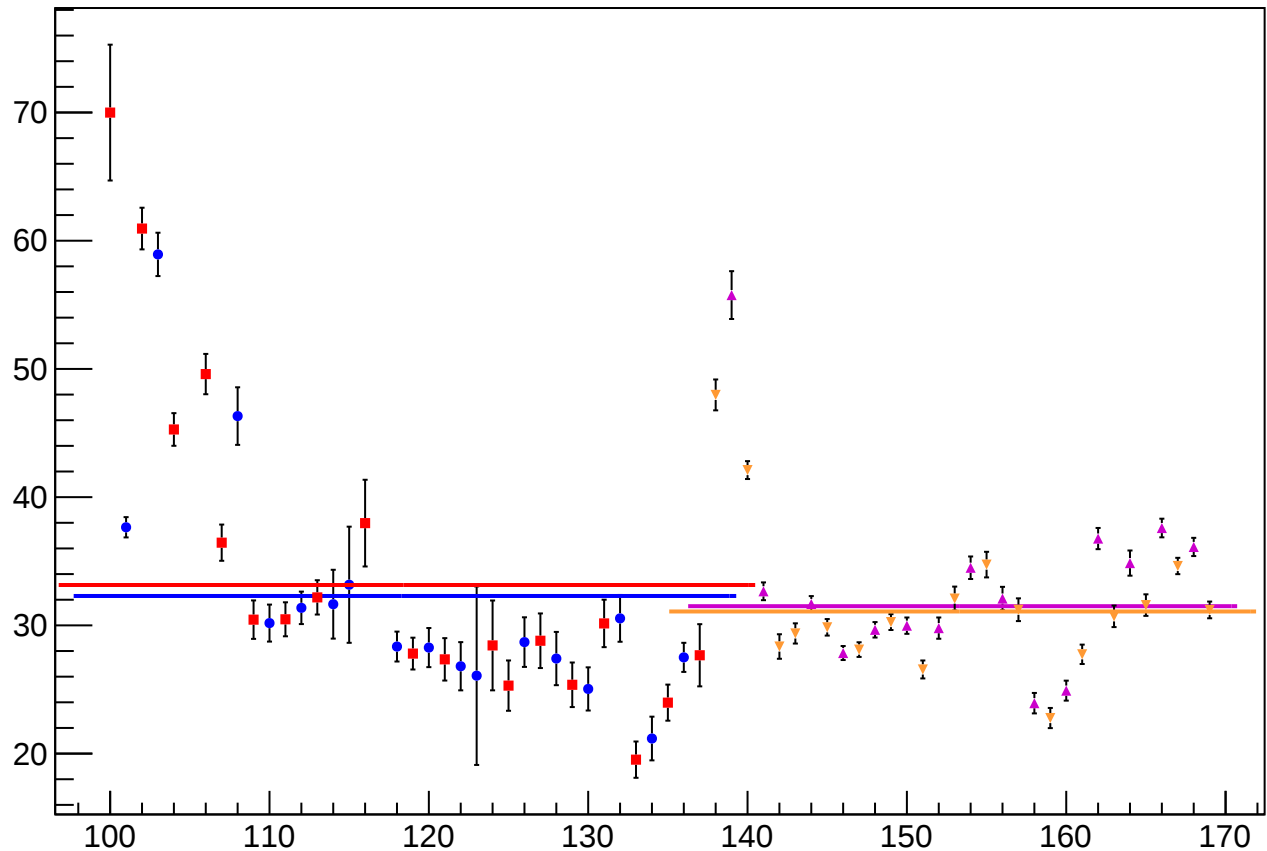
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 31.497 ± 0.192 $\chi^2/\text{NDF}: 574.8/14$

Left: 31.280 ± 0.132 $\chi^2/\text{NDF}: 1288.5/31$

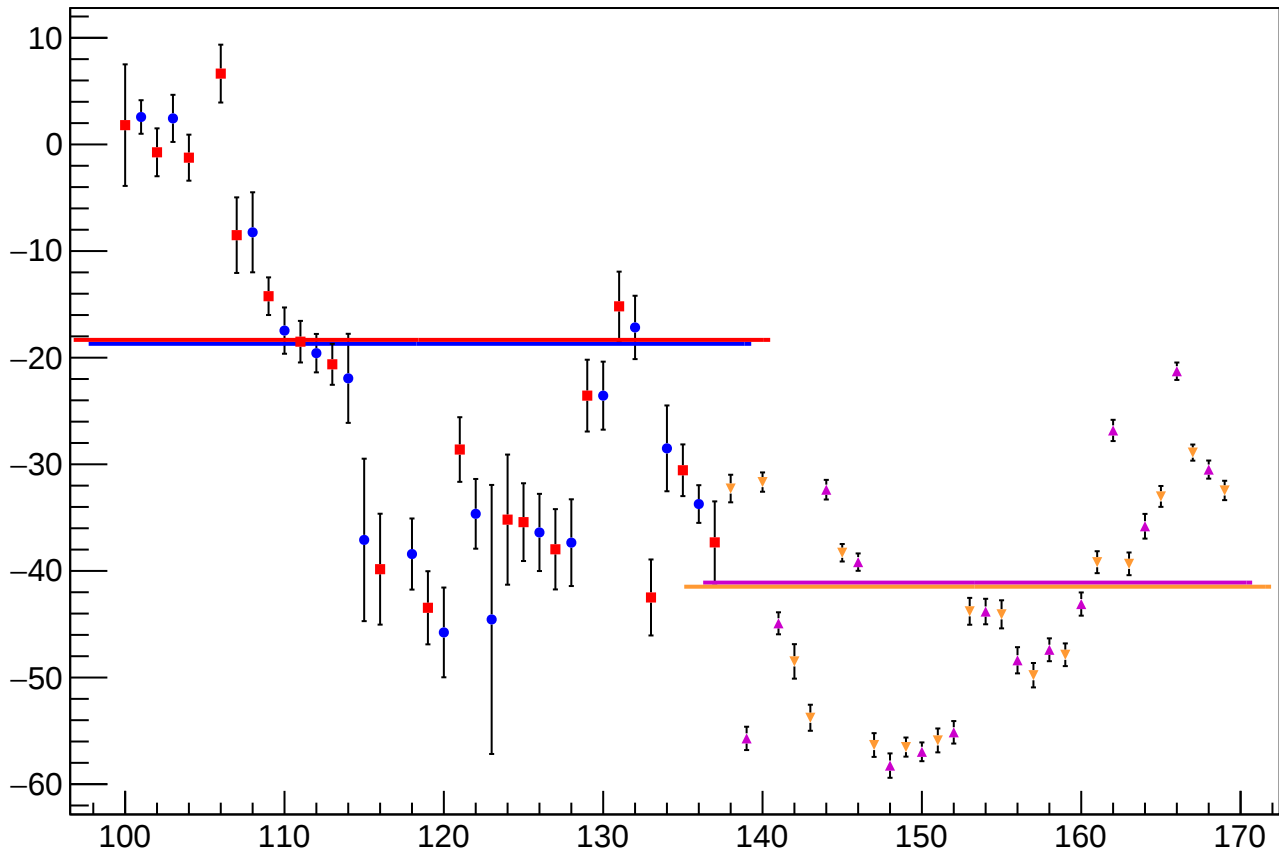
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.663 ± 0.171 $\chi^2/\text{NDF}: 1031.0/31$

Out: 31.473 ± 0.164 $\chi^2/\text{NDF}: 1507.9/35$

All: 31.565 ± 0.118 $\chi^2/\text{NDF}: 2539.6/67$

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: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -41.097 ± 0.257 χ^2/NDF : 2063.8/14

Left: -41.293 ± 0.180 χ^2/NDF : 3547.9/31

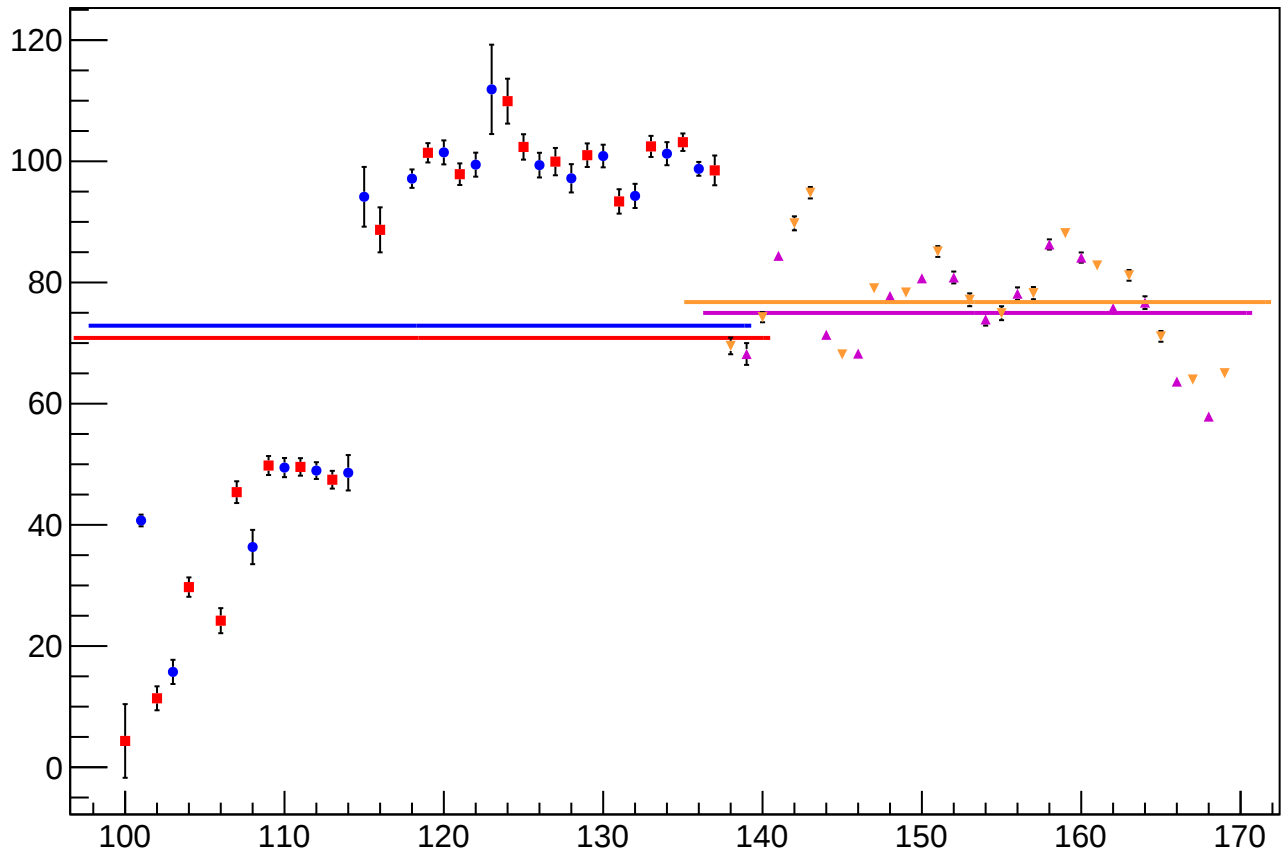
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -38.196 ± 0.240 χ^2/NDF : 3565.8/31

Out: -38.425 ± 0.234 χ^2/NDF : 3080.5/35

All: -38.313 ± 0.167 χ^2/NDF : 6646.8/67

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: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

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

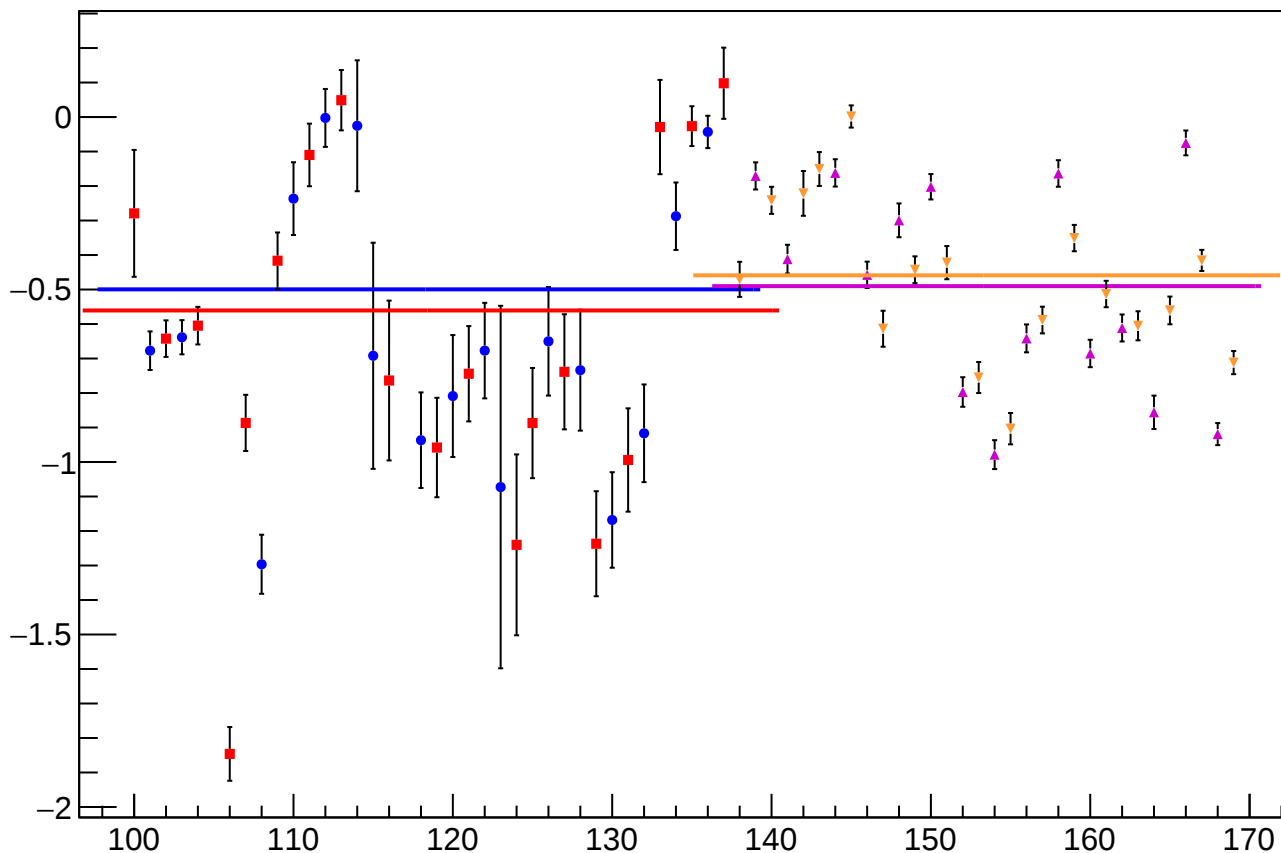
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.526 $\pm$ 0.197 χ^2 /NDF:6071.8/31

Out: 75.632 $\pm$ 0.190 χ^2 /NDF:7321.0/35

All: 75.100 $\pm$ 0.137 χ^2 /NDF: 13409.1/67

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: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.490 ± 0.010 χ^2/NDF : 892.7/14

Left: -0.474 ± 0.007 χ^2/NDF : 1432.9/31

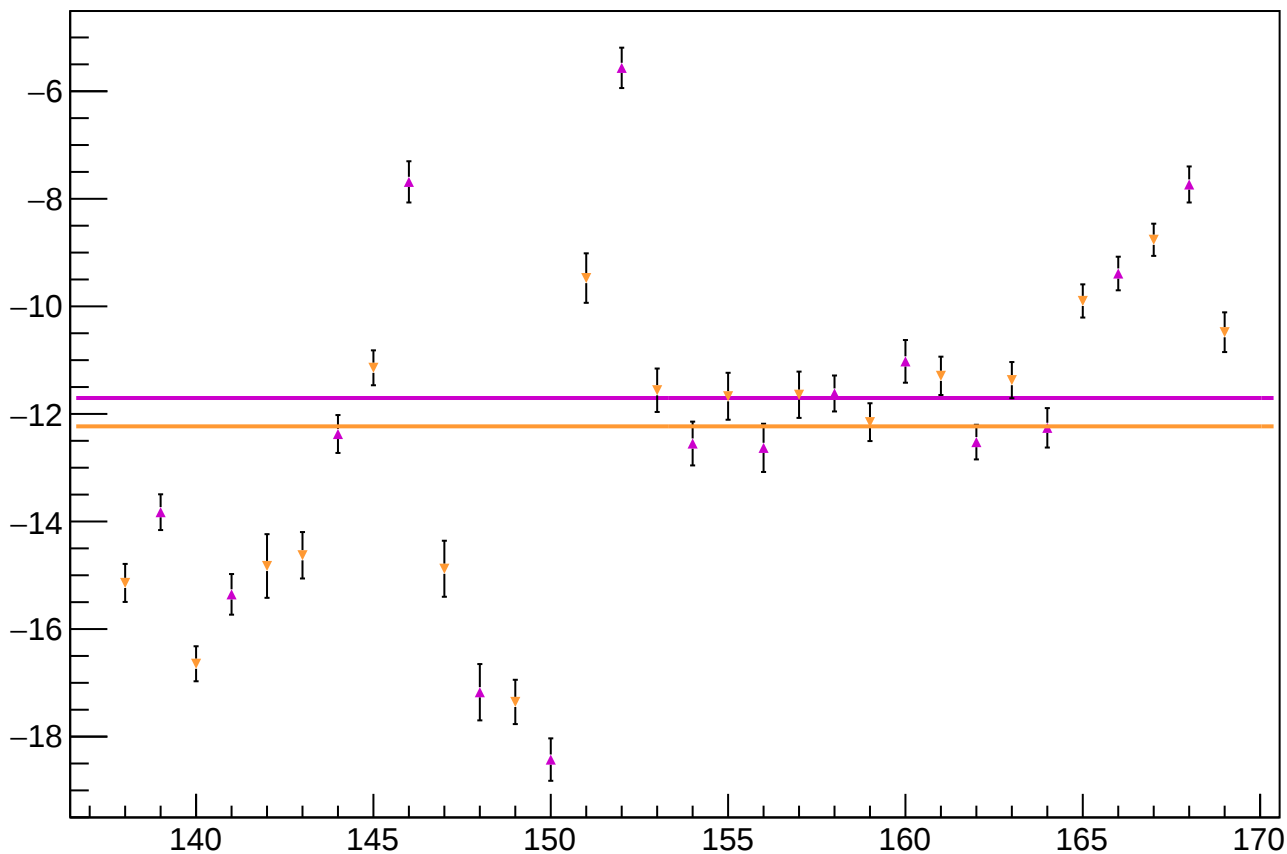
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.492 ± 0.009 χ^2/NDF : 1195.5/31

Out: -0.477 ± 0.009 χ^2/NDF : 1115.8/35

All: -0.484 ± 0.006 χ^2/NDF : 2312.6/67

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



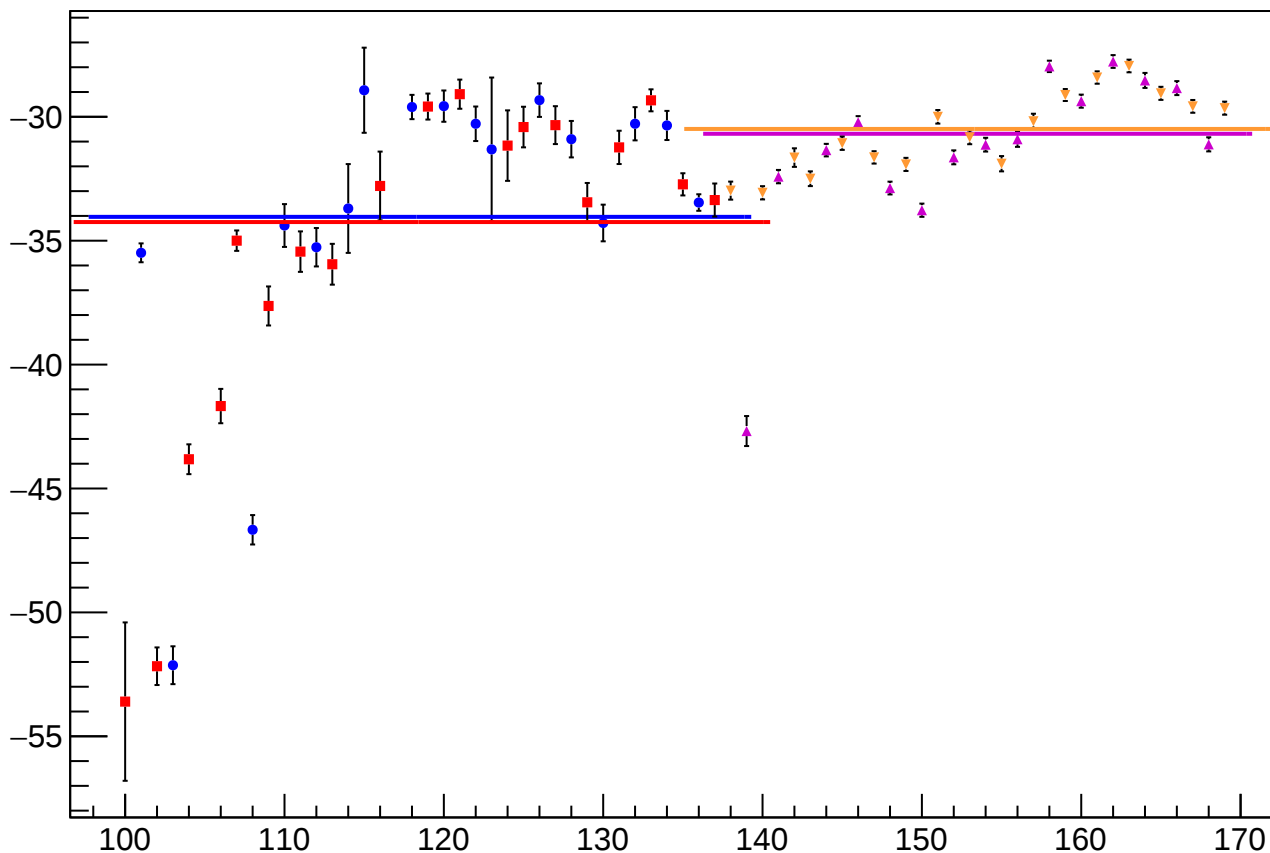
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -12.231 $\pm$ 0.091 χ^2 /NDF:763.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -11.704 $\pm$ 0.095 χ^2 /NDF:1130.2/14

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: -34.248 ± 0.151 $\chi^2/\text{NDF}: 1357.5/18$

Left In: -30.685 ± 0.071 $\chi^2/\text{NDF}: 1050.8/14$

Left: -30.582 ± 0.049 $\chi^2/\text{NDF}: 1582.2/31$

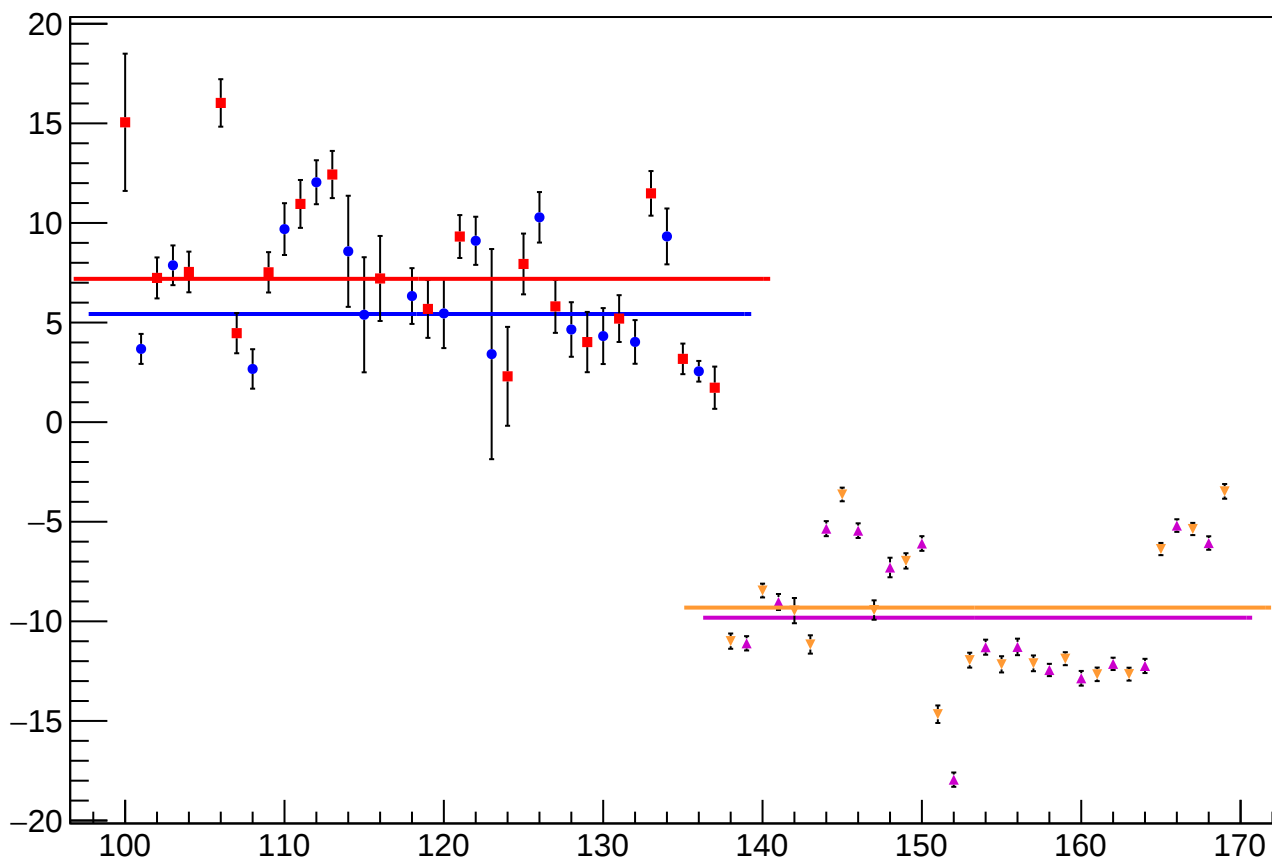
Right: -34.143 ± 0.107 $\chi^2/\text{NDF}: 2701.4/35$

In: -31.296 ± 0.064 $\chi^2/\text{NDF}: 2797.6/31$

Out: -31.109 ± 0.061 $\chi^2/\text{NDF}: 2404.6/35$

All: -31.197 ± 0.044 $\chi^2/\text{NDF}: 5206.6/67$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 $\pm$ 0.270 χ^2 /NDF: 132.6/16

Left Out: -9.310 $\pm$ 0.090 χ^2 /NDF:1421.5/16

Right Out: 7.195 $\pm$ 0.274 χ^2 /NDF: 183.1/18

Left In: -9.818 $\pm$ 0.093 χ^2 /NDF:1543.0/14

Left: -9.556 $\pm$ 0.065 χ^2 /NDF: 2979.8/31

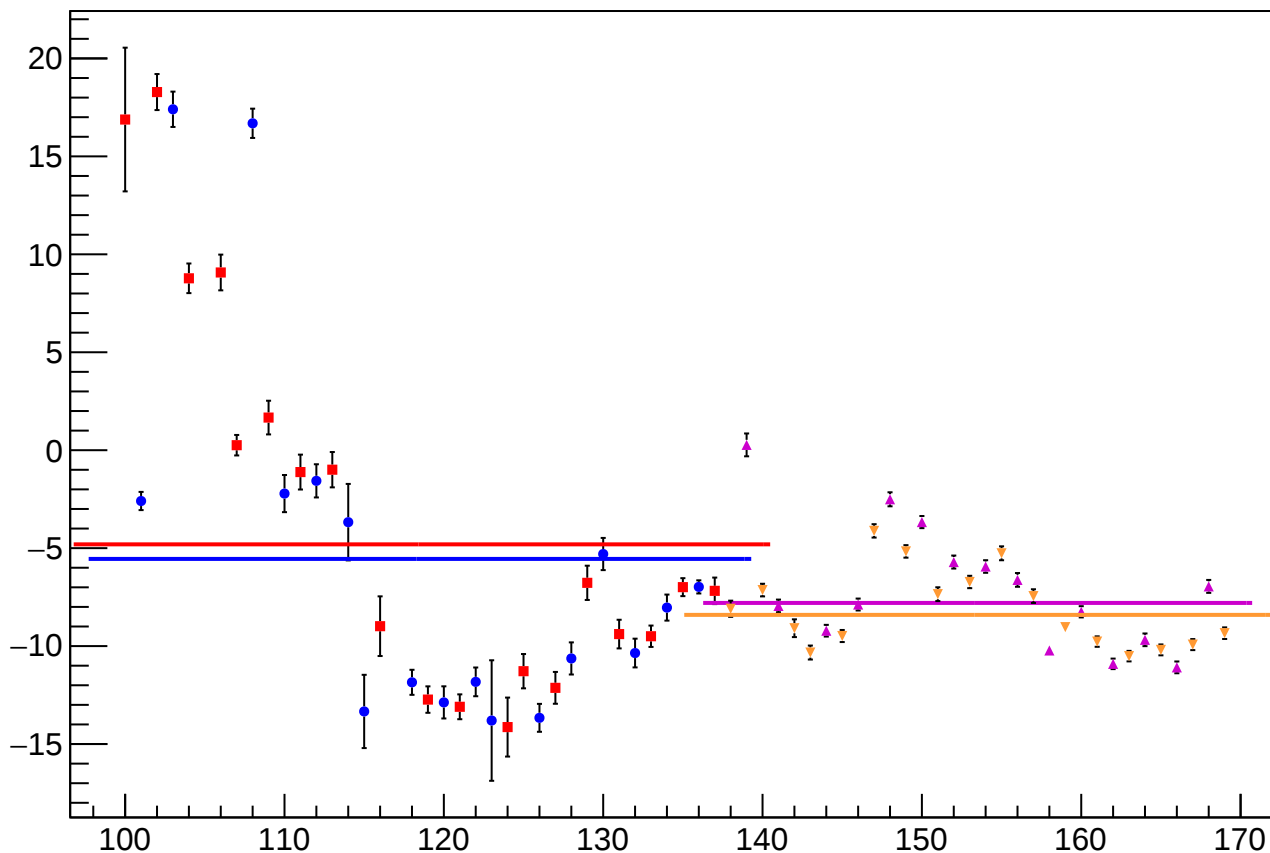
Right: 6.298 $\pm$ 0.192 χ^2 /NDF: 336.8/35

In: -8.192 $\pm$ 0.088 χ^2 /NDF:4526.8/31

Out: -7.694 $\pm$ 0.086 χ^2 /NDF:4876.2/35

All: -7.936 $\pm$ 0.061 χ^2 /NDF: 9419.4/67

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 $\chi^2/\text{NDF}: 2126.6/16$

Left Out: -8.407 ± 0.076 $\chi^2/\text{NDF}: 616.1/16$

Right Out: -4.806 ± 0.173 $\chi^2/\text{NDF}: 2048.2/18$

Left In: -7.796 ± 0.081 $\chi^2/\text{NDF}: 1090.8/14$

Left: -8.120 ± 0.056 $\chi^2/\text{NDF}: 1736.9/31$

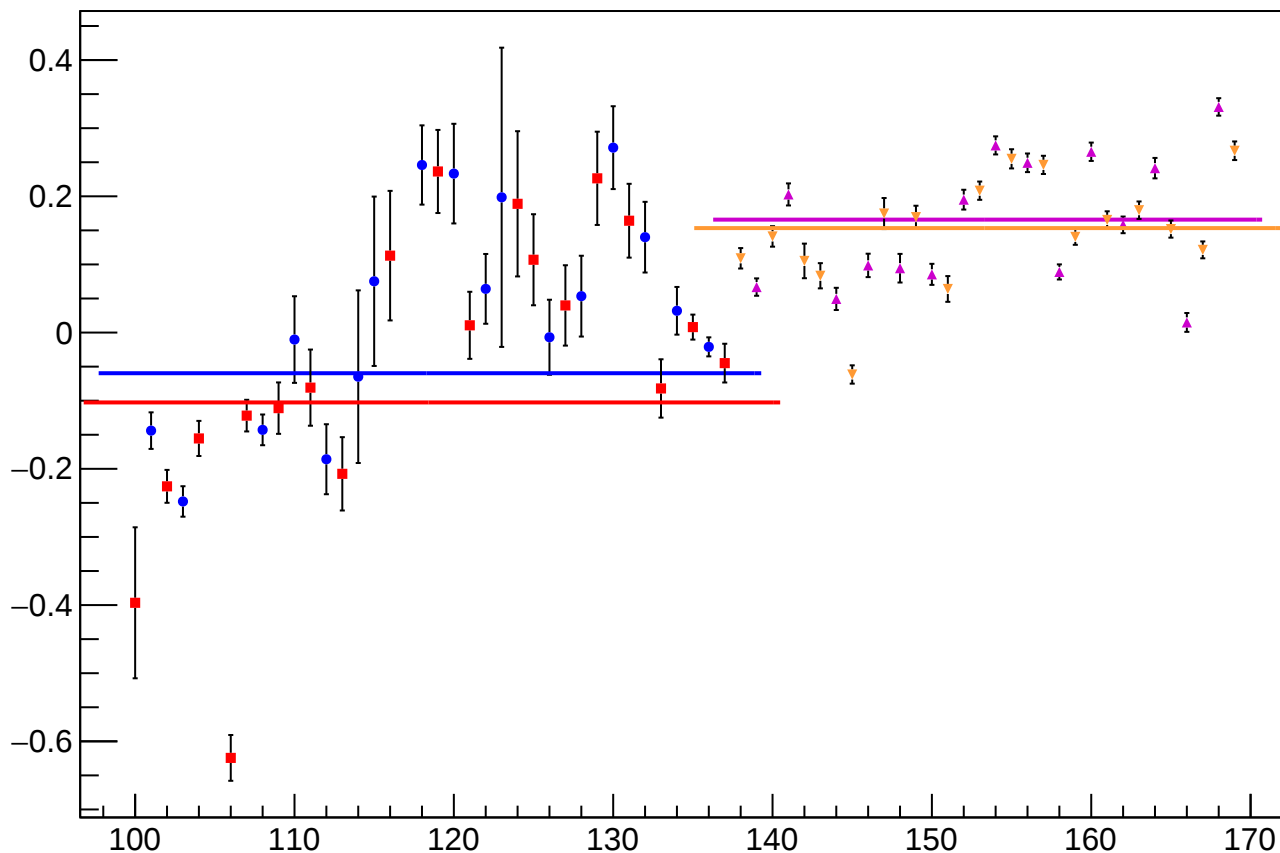
Right: -5.183 ± 0.121 $\chi^2/\text{NDF}: 4184.2/35$

In: -7.381 ± 0.073 $\chi^2/\text{NDF}: 3359.5/31$

Out: -7.817 ± 0.070 $\chi^2/\text{NDF}: 3028.0/35$

All: -7.609 ± 0.051 $\chi^2/\text{NDF}: 6406.1/67$

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: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.166 ± 0.004 χ^2/NDF : 692.8/14

Left: 0.159 ± 0.003 χ^2/NDF : 1204.9/31

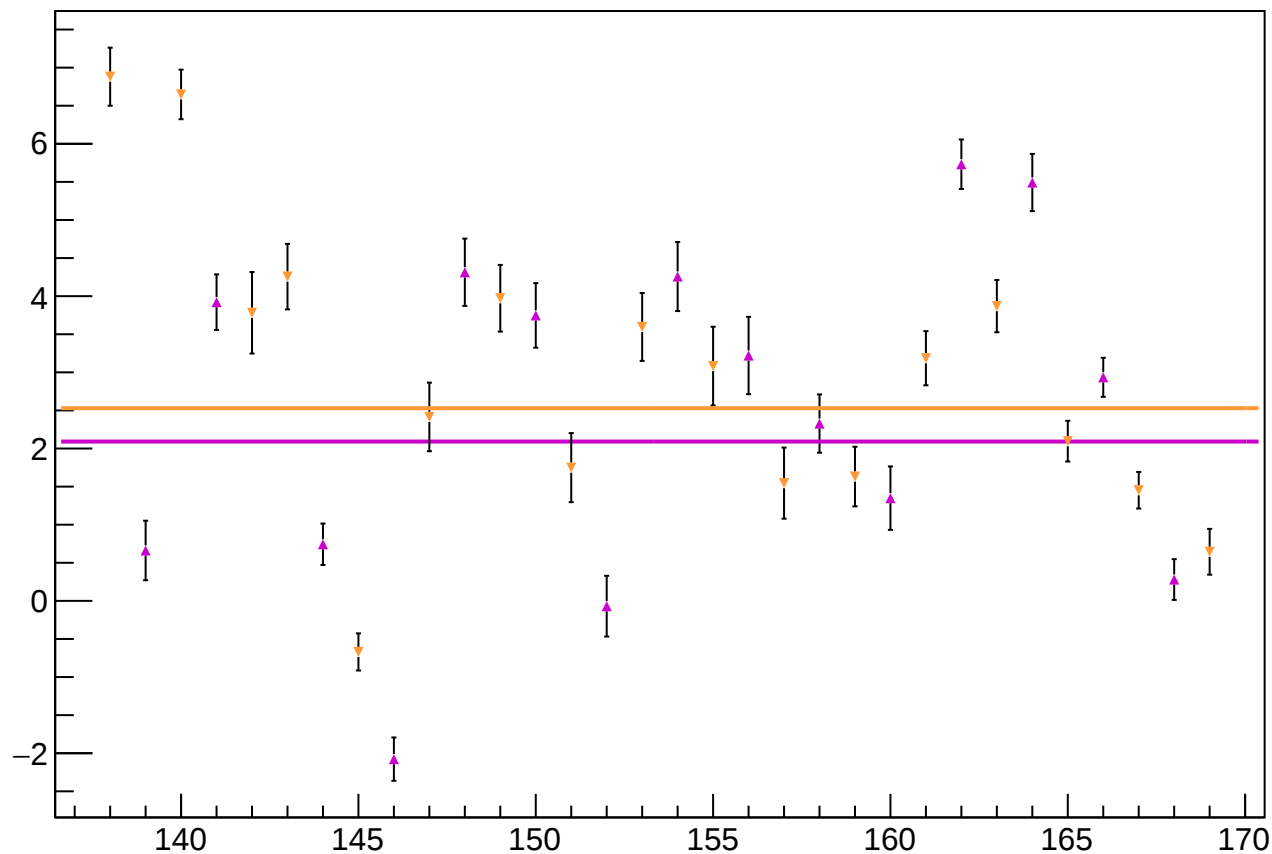
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.130 ± 0.003 χ^2/NDF : 1516.5/31

Out: 0.115 ± 0.003 χ^2/NDF : 1728.7/35

All: 0.123 ± 0.002 χ^2/NDF : 3255.1/67

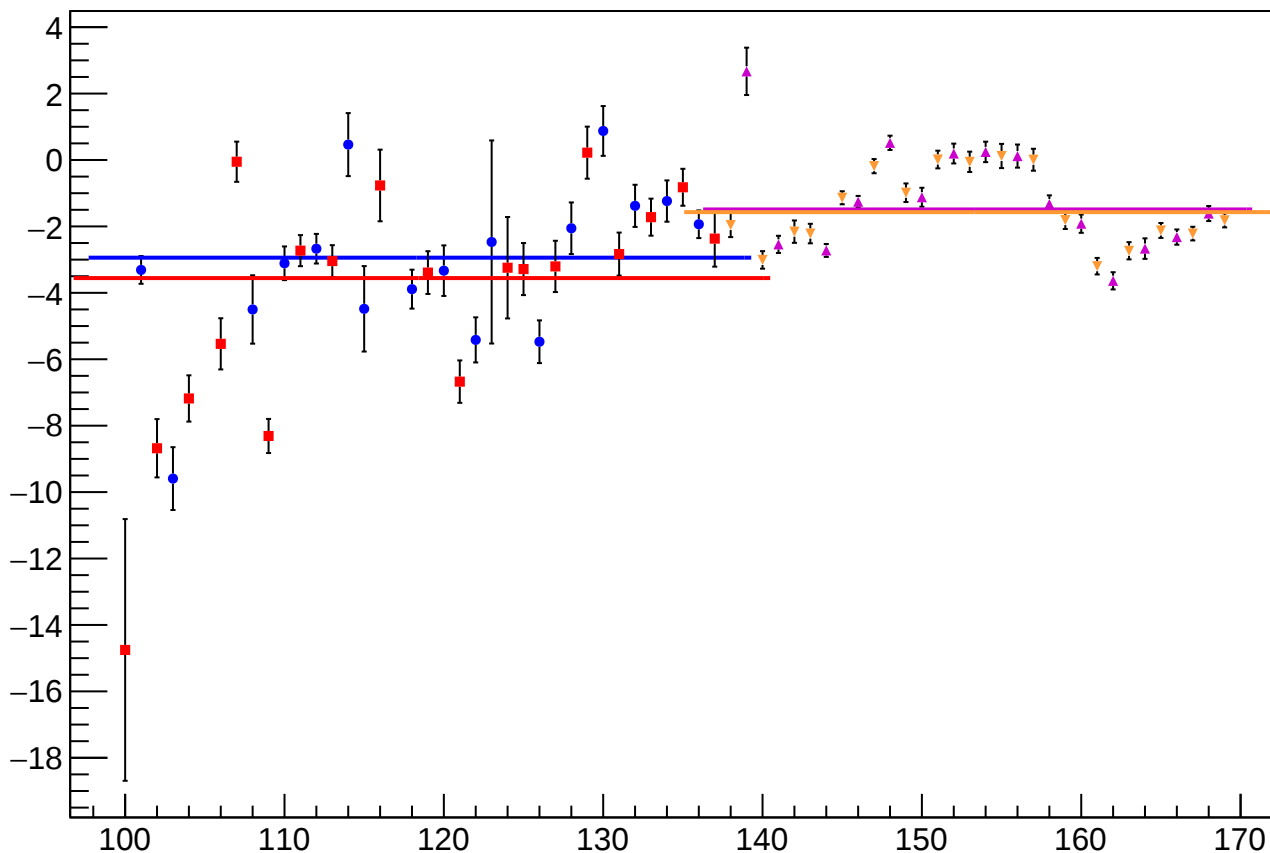
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.489 ± 0.066 χ^2/NDF : 365.3/14

Left: -1.531 ± 0.045 χ^2/NDF : 641.2/31

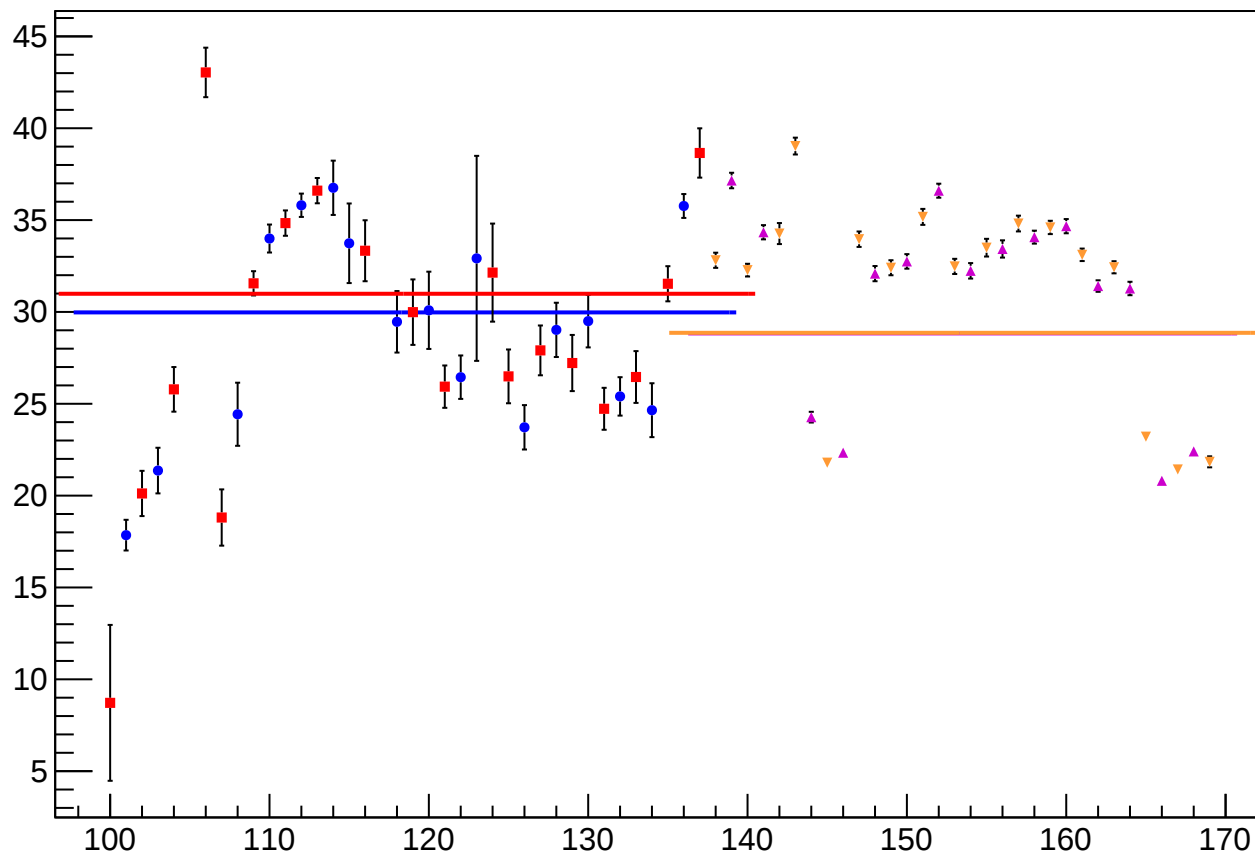
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.712 ± 0.060 χ^2/NDF : 585.9/31

Out: -1.850 ± 0.058 χ^2/NDF : 708.6/35

All: -1.784 ± 0.042 χ^2/NDF : 1297.2/67

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 χ^2/NDF : 553.9/16

Left Out: 28.863 ± 0.086 χ^2/NDF : 4744.1/16

Right Out: 30.989 ± 0.260 χ^2/NDF : 481.0/18

Left In: 28.830 ± 0.089 χ^2/NDF : 4206.8/14

Left: 28.847 ± 0.062 χ^2/NDF : 8951.0/31

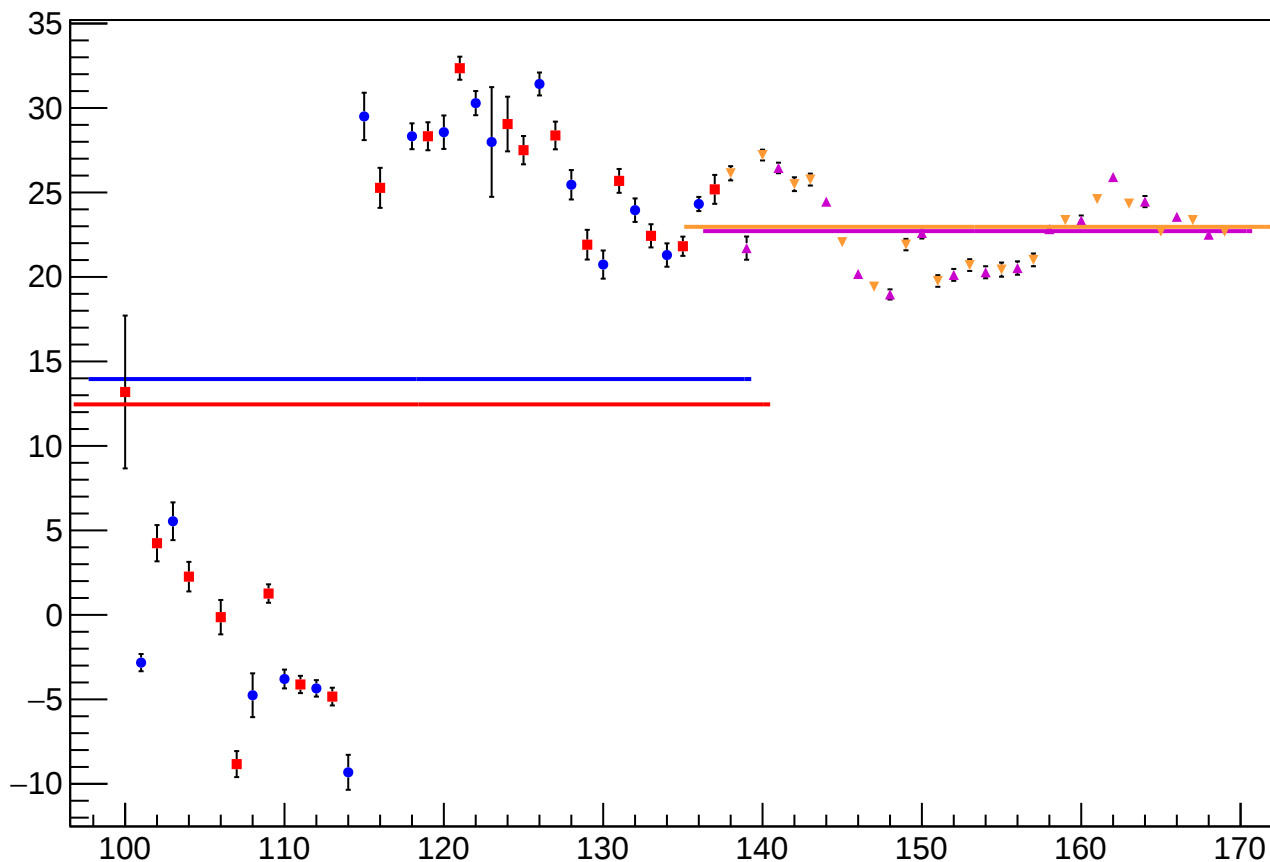
Right: 30.495 ± 0.186 χ^2/NDF : 1042.4/35

In: 28.943 ± 0.084 χ^2/NDF : 4777.3/31

Out: 29.071 ± 0.081 χ^2/NDF : 5285.4/35

All: 29.009 ± 0.058 χ^2/NDF : 10063.9/67

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: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

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

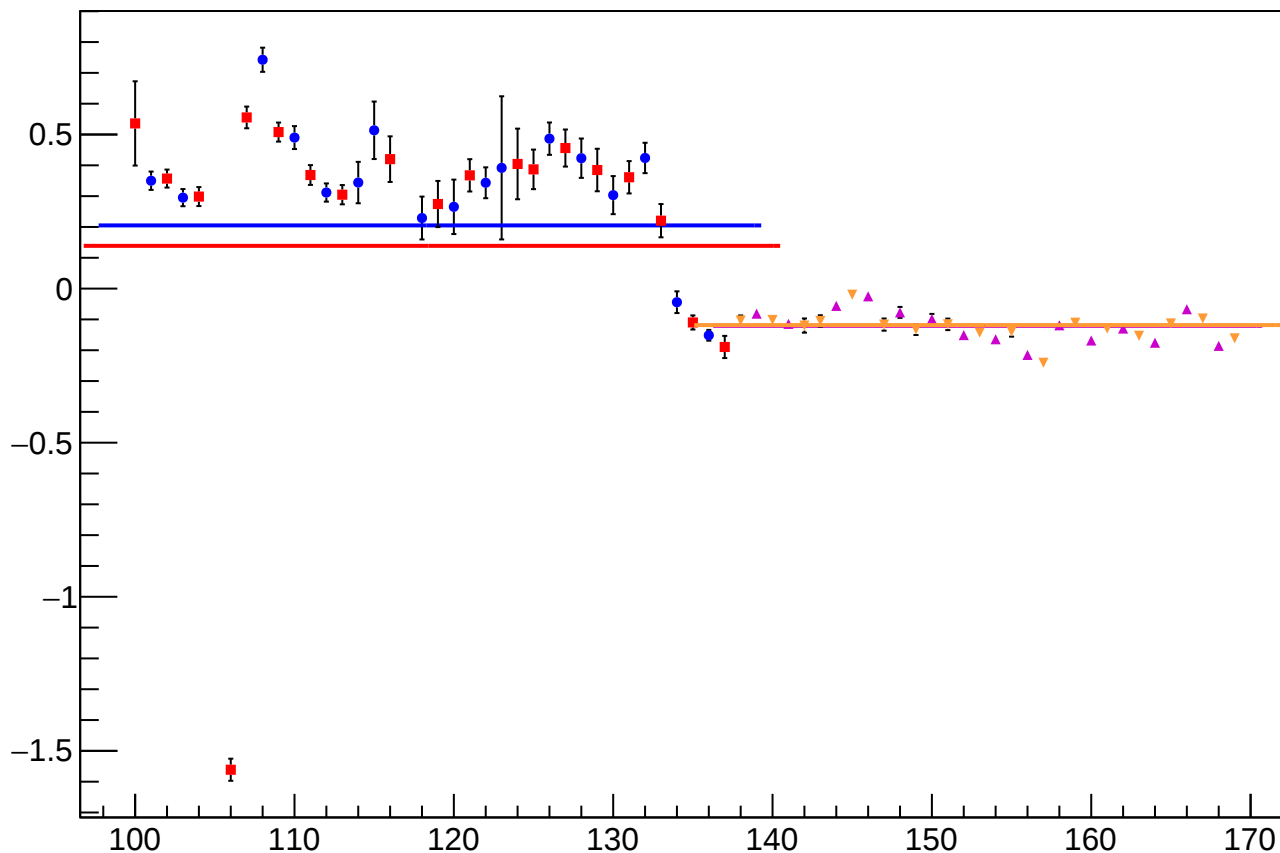
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.281 $\pm$ 0.070 χ^2 /NDF: 10316.1/31

Out: 21.428 $\pm$ 0.066 χ^2 /NDF: 10874.6/35

All: 21.358 $\pm$ 0.048 χ^2 /NDF: 21193.0/67

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: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.121 ± 0.004 χ^2/NDF : 235.4/14

Left: -0.120 ± 0.002 χ^2/NDF : 436.3/31

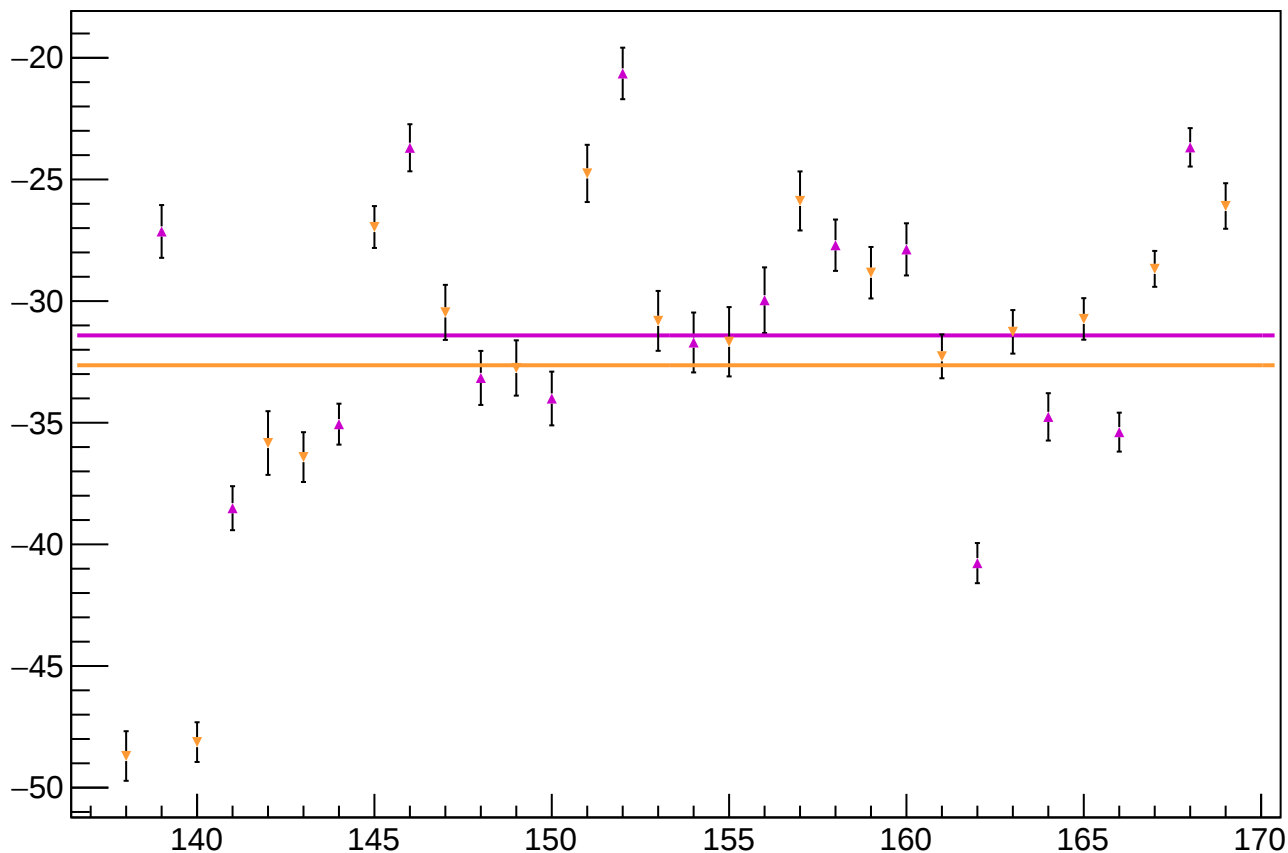
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.080 ± 0.003 χ^2/NDF : 2141.2/31

Out: -0.088 ± 0.003 χ^2/NDF : 3907.3/35

All: -0.084 ± 0.002 χ^2/NDF : 6051.5/67

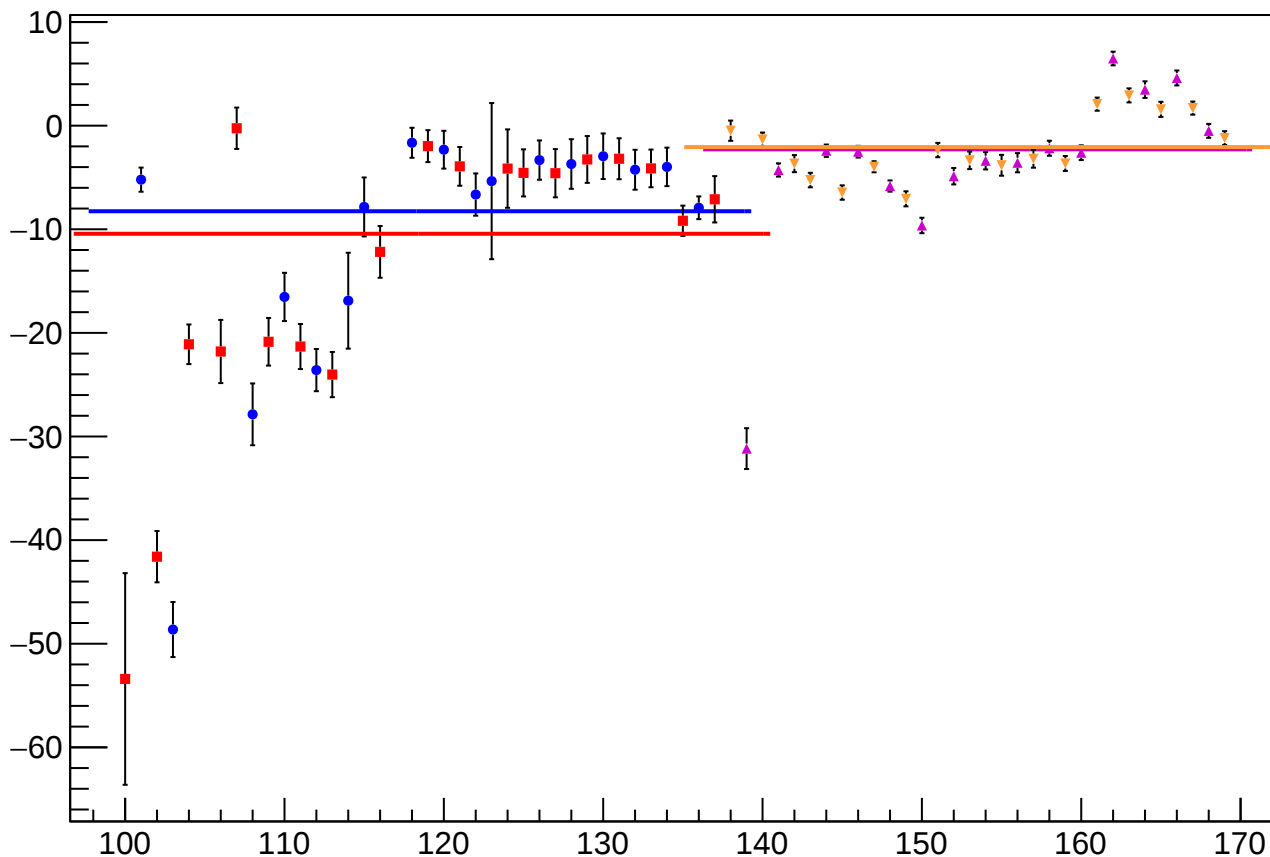
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.637+/-0.241 χ^2/NDF :851.8/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.410+/-0.252 χ^2/NDF :556.4/14

Left: -32.051+/-0.174 χ^2/NDF : 1420.6/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -31.410+/-0.252 χ^2/NDF :556.4/14
 Out: -32.637+/-0.241 χ^2/NDF :851.8/16
 All: -32.051+/-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 χ^2/NDF : 411.9/16

Left Out: -2.067 ± 0.173 χ^2/NDF : 298.7/16

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -2.289 ± 0.183 χ^2/NDF : 706.8/14

Left: -2.172 ± 0.126 χ^2/NDF : 1006.3/31

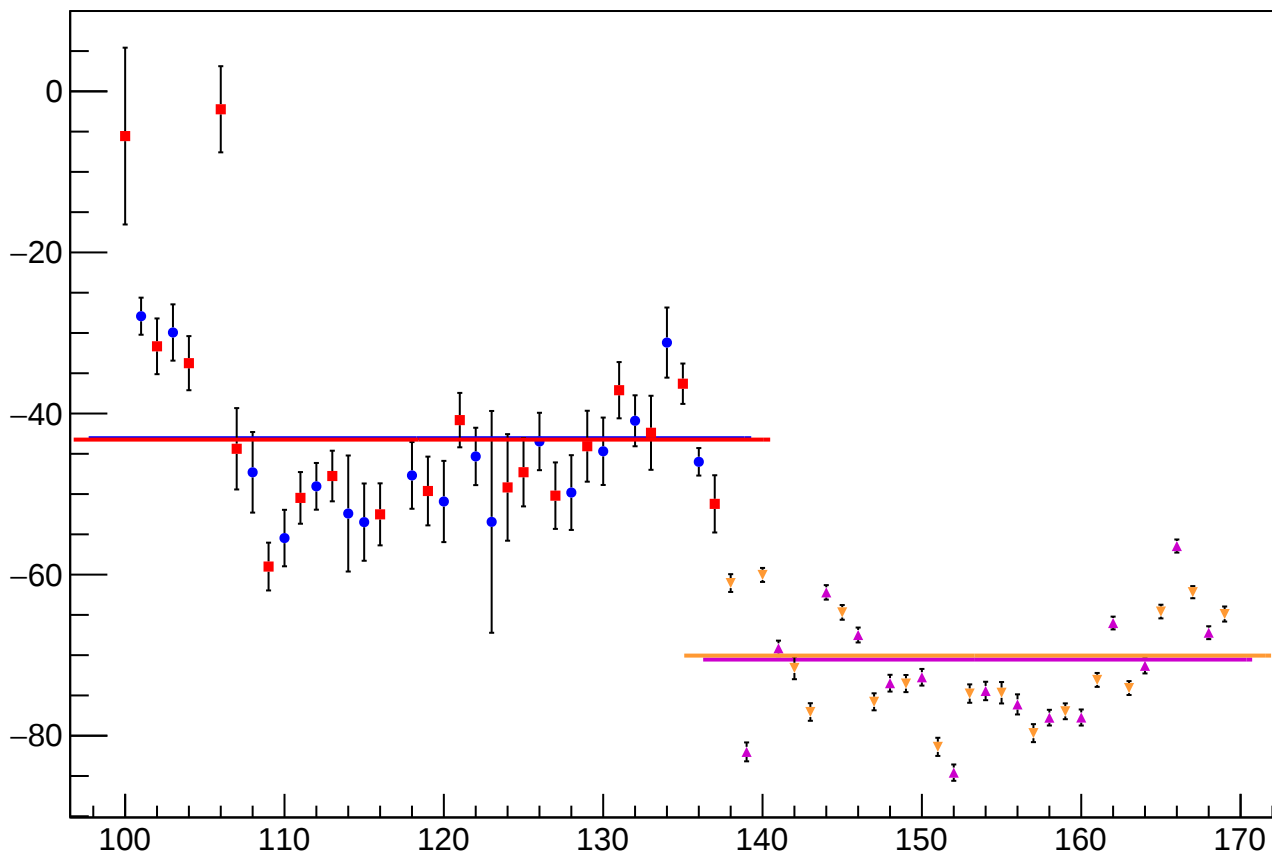
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -3.096 ± 0.170 χ^2/NDF : 1262.8/31

Out: -2.994 ± 0.163 χ^2/NDF : 985.9/35

All: -3.043 ± 0.118 χ^2/NDF : 2248.9/67

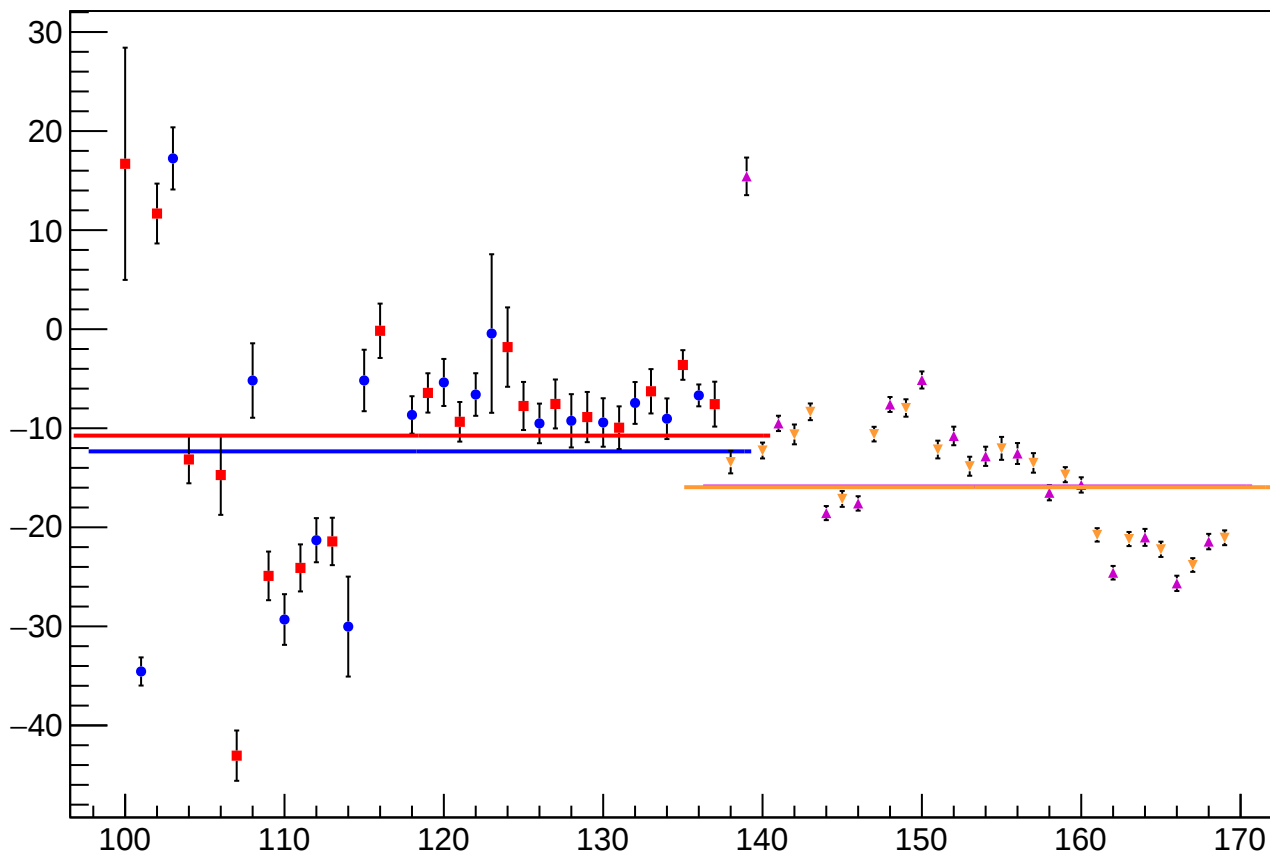
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 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: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -68.320 ± 0.238 $\chi^2/\text{NDF}: 1980.9/31$
 Out: -68.144 ± 0.231 $\chi^2/\text{NDF}: 1829.5/35$
 All: -68.230 ± 0.166 $\chi^2/\text{NDF}: 3810.6/67$

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: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -15.884 ± 0.212 χ^2/NDF : 1093.1/14

Left: -15.920 ± 0.146 χ^2/NDF : 1755.7/31

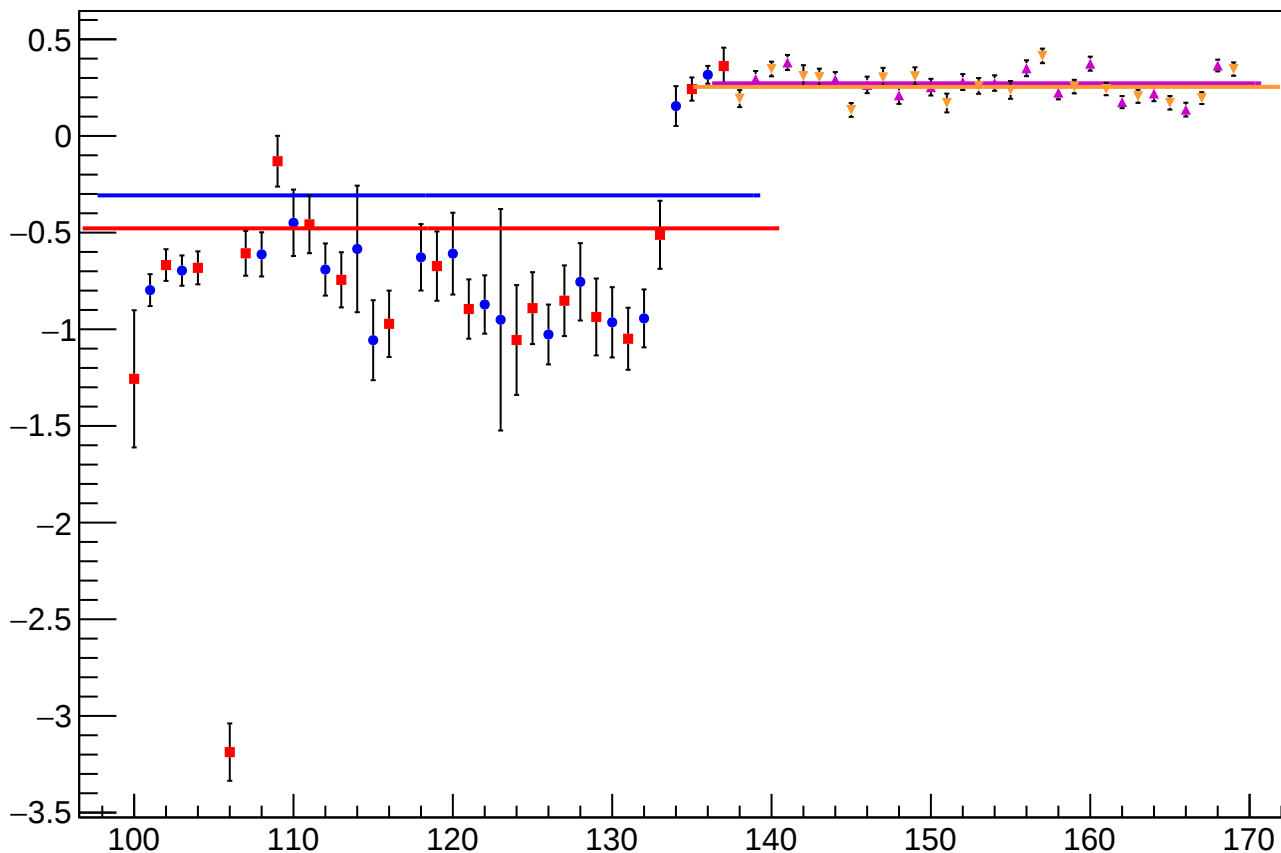
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -15.378 ± 0.196 χ^2/NDF : 1608.1/31

Out: -15.348 ± 0.188 χ^2/NDF : 1107.8/35

All: -15.362 ± 0.136 χ^2/NDF : 2715.9/67

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: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.272 ± 0.010 χ^2/NDF : 58.8/14

Left: 0.263 ± 0.007 χ^2/NDF : 123.7/31

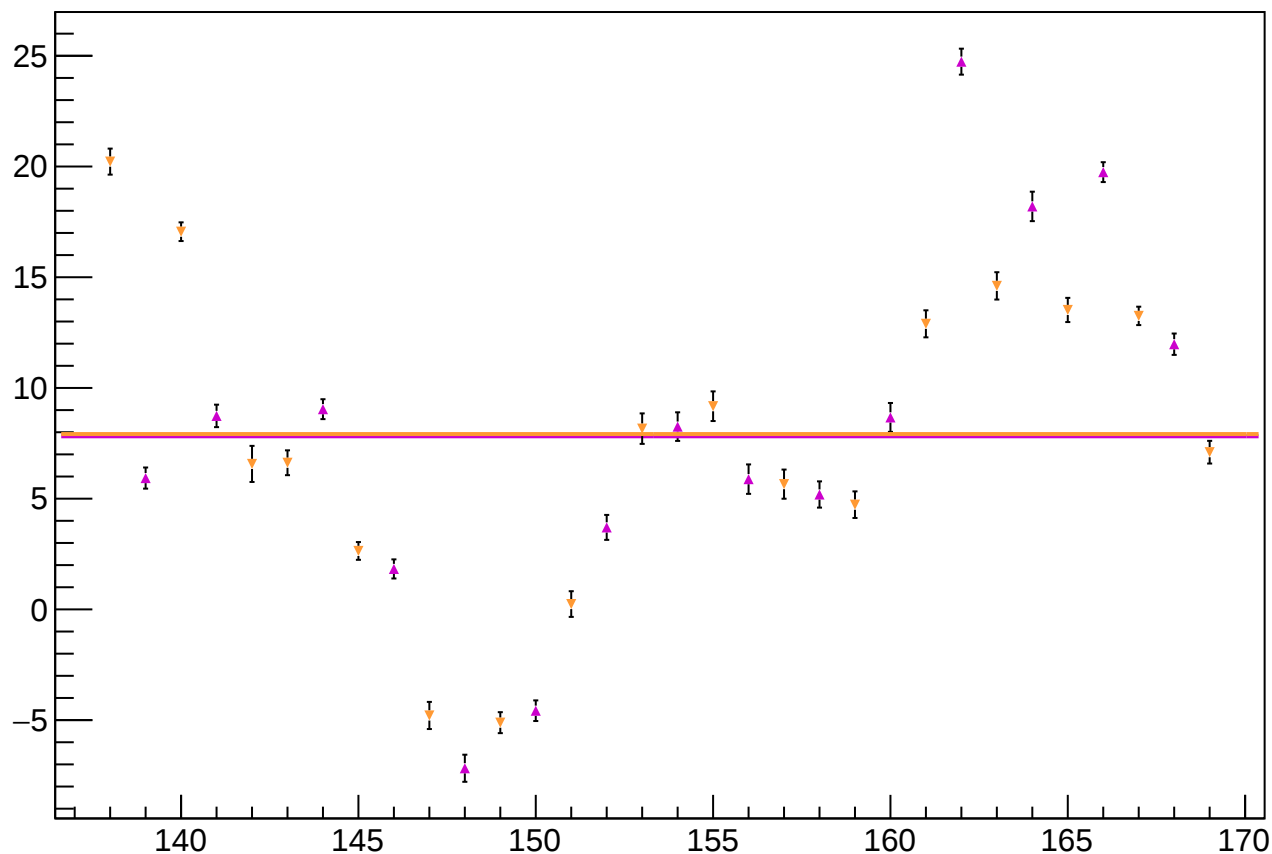
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.207 ± 0.009 χ^2/NDF : 824.0/31

Out: 0.182 ± 0.009 χ^2/NDF : 1287.6/35

All: 0.194 ± 0.006 χ^2/NDF : 2115.4/67

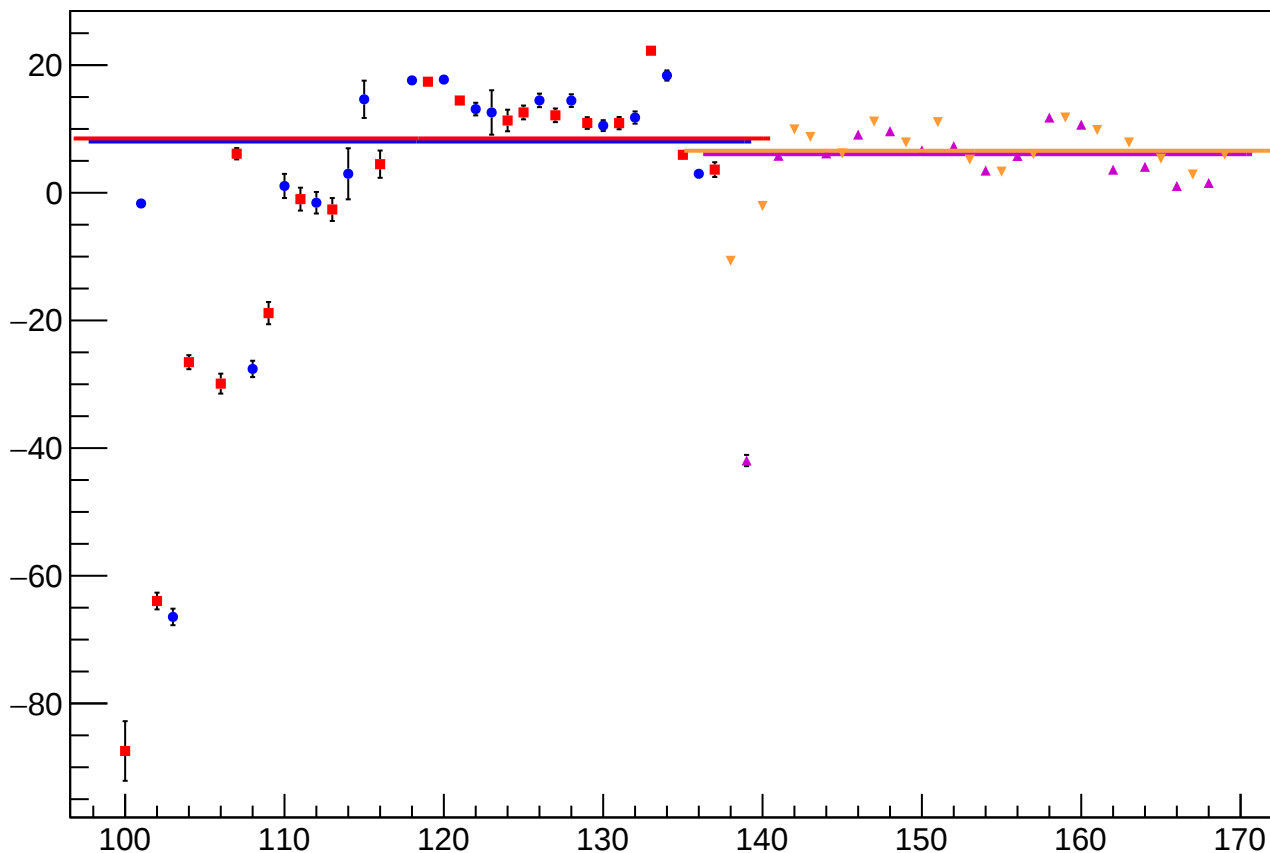
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 8.508+/-0.213 χ^2/NDF : 6713.4/18

Left In: 6.045+/-0.100 χ^2/NDF : 3913.5/14

Left: 6.332+/-0.069 χ^2/NDF : 6279.7/31

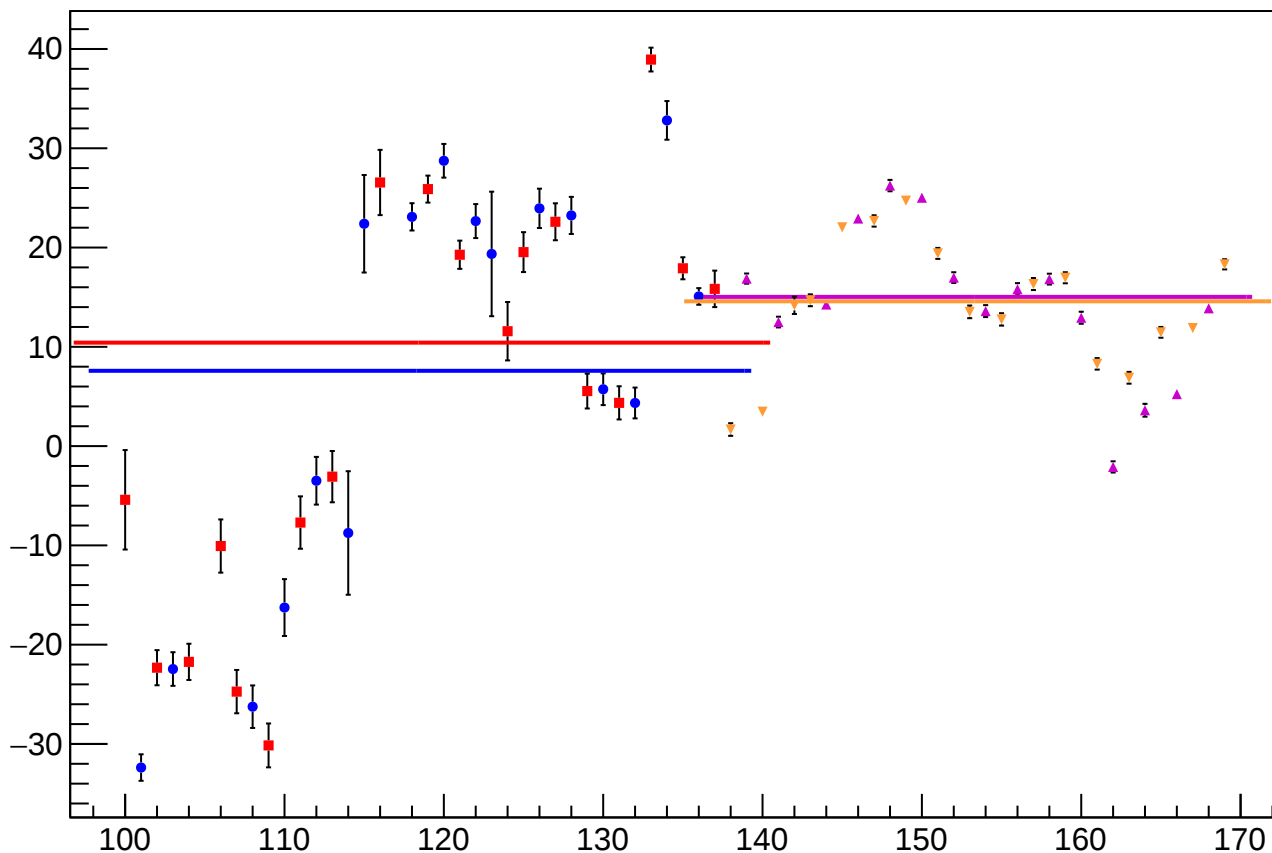
Right: 8.274+/-0.151 χ^2/NDF : 12086.1/35

In: 6.401+/-0.091 χ^2/NDF : 9353.9/31

Out: 6.908+/-0.087 χ^2/NDF : 9131.9/35

All: 6.666+/-0.063 χ^2/NDF : 18502.1/67

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 14.584 ± 0.131 $\chi^2/\text{NDF}: 2578.1/16$

Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$

Left In: 15.031 ± 0.135 $\chi^2/\text{NDF}: 3044.2/14$

Left: 14.802 ± 0.094 $\chi^2/\text{NDF}: 5627.9/31$

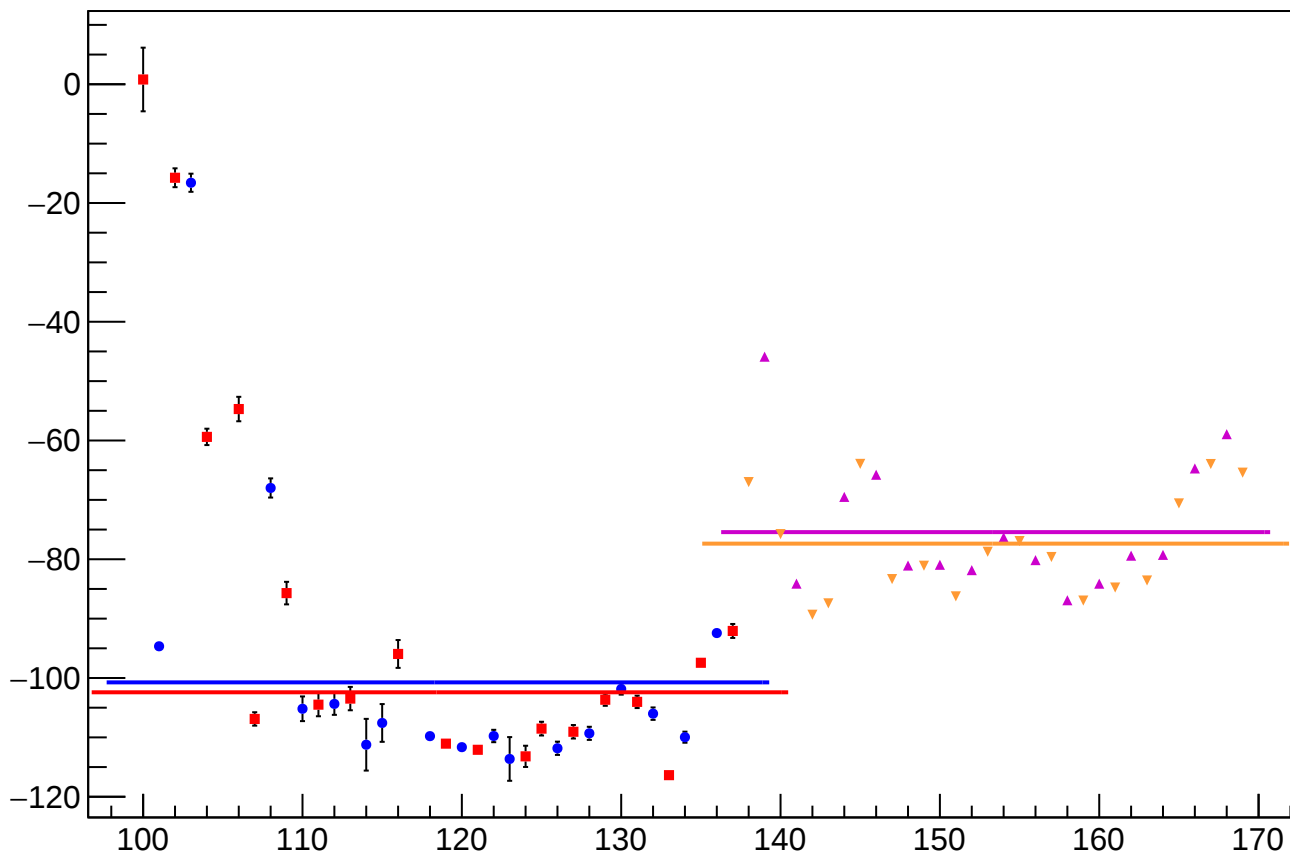
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 14.324 ± 0.128 $\chi^2/\text{NDF}: 5656.5/31$

Out: 14.207 ± 0.125 $\chi^2/\text{NDF}: 4958.6/35$

All: 14.264 ± 0.090 $\chi^2/\text{NDF}: 10615.5/67$

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: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -75.430 ± 0.117 $\chi^2/\text{NDF}: 6280.2/14$

Left: -76.452 ± 0.080 $\chi^2/\text{NDF}: 12646.3/31$

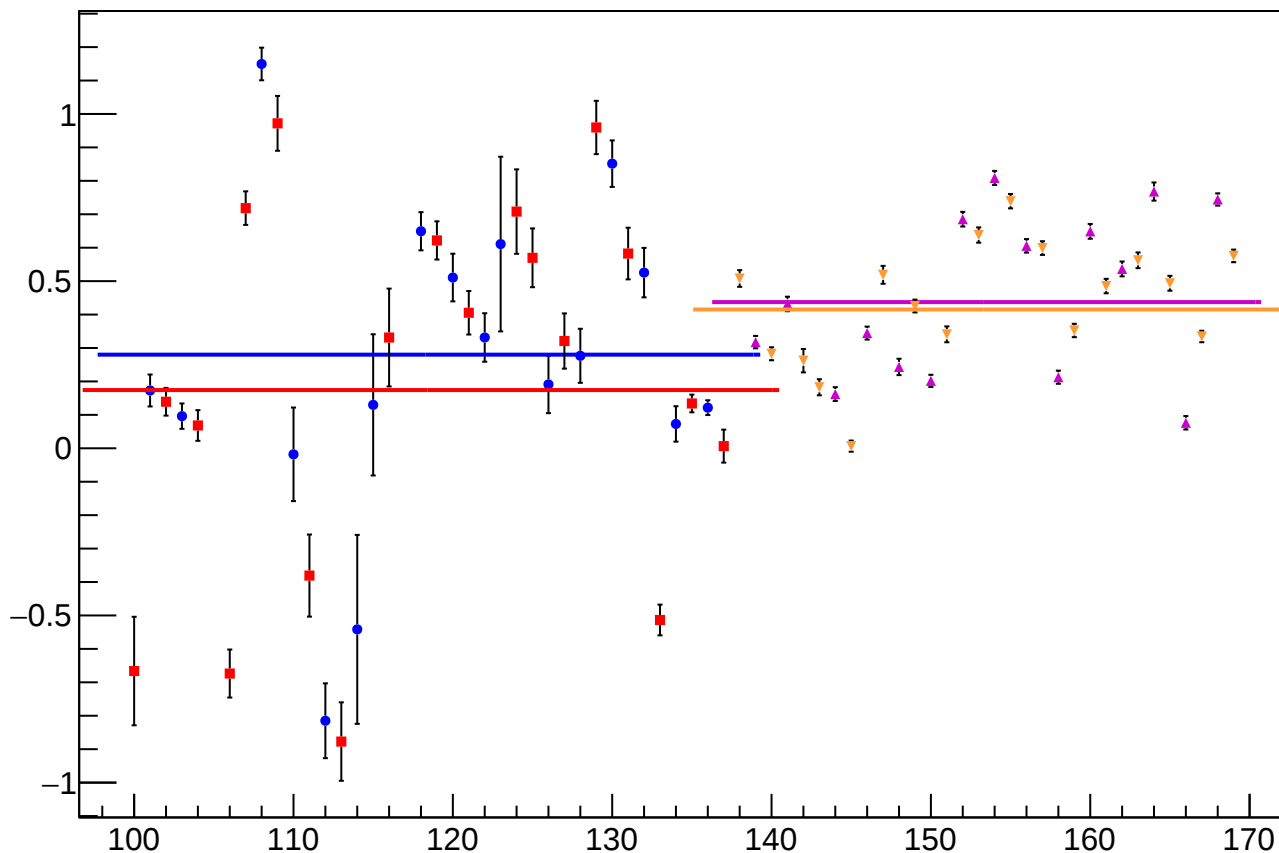
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -80.008 ± 0.106 $\chi^2/\text{NDF}: 19308.2/31$

Out: -81.578 ± 0.101 $\chi^2/\text{NDF}: 20937.2/35$

All: -80.830 ± 0.073 $\chi^2/\text{NDF}: 40361.0/67$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.415 $\pm$ 0.005 χ^2 /NDF:1367.0/16

Right Out: 0.174 $\pm$ 0.013 χ^2 /NDF: 964.1/18

Left In: 0.437 $\pm$ 0.005 χ^2 /NDF:1970.0/14

Left: 0.426 $\pm$ 0.004 χ^2 /NDF: 3346.0/31

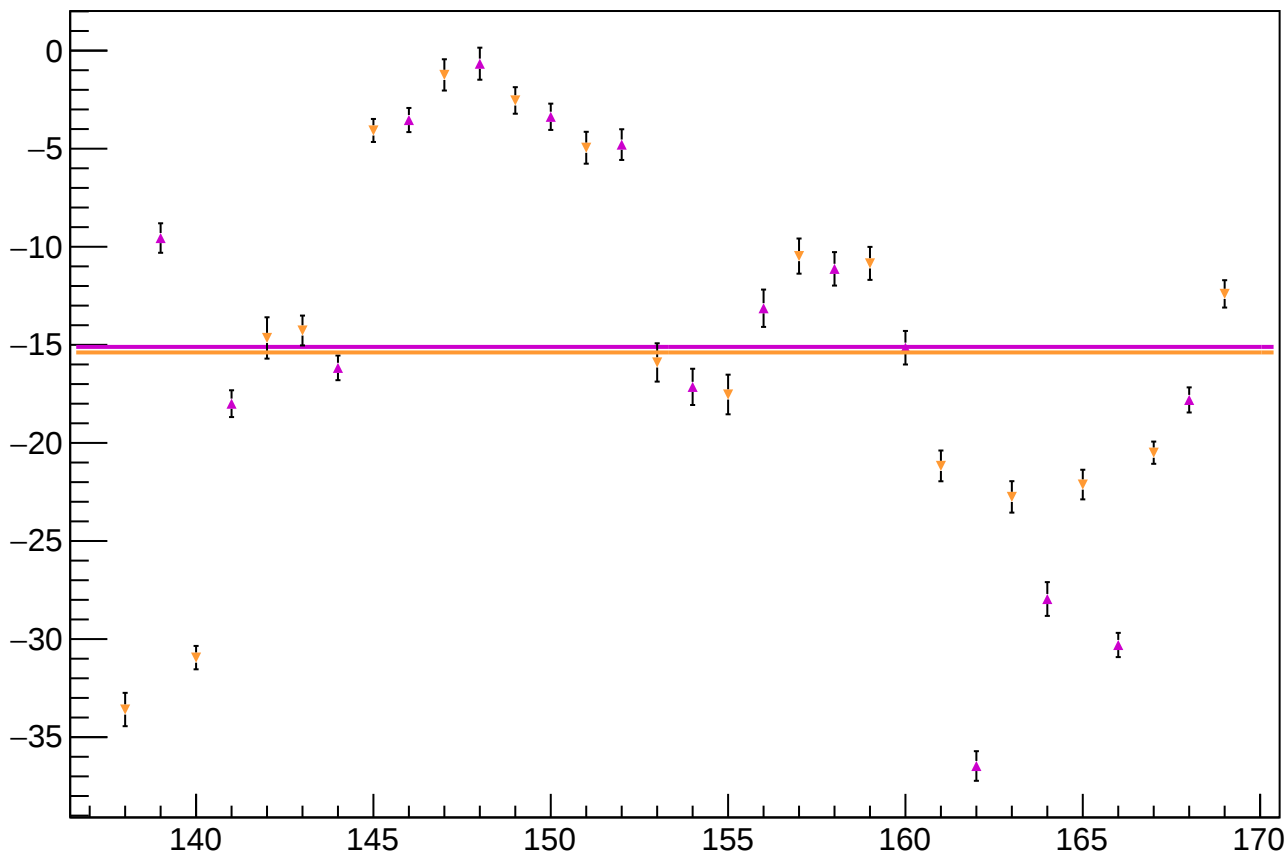
Right: 0.227 $\pm$ 0.010 χ^2 /NDF: 1651.4/35

In: 0.416 $\pm$ 0.005 χ^2 /NDF:2744.0/31

Out: 0.384 $\pm$ 0.005 χ^2 /NDF:2611.0/35

All: 0.399 $\pm$ 0.003 χ^2 /NDF: 5376.2/67

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

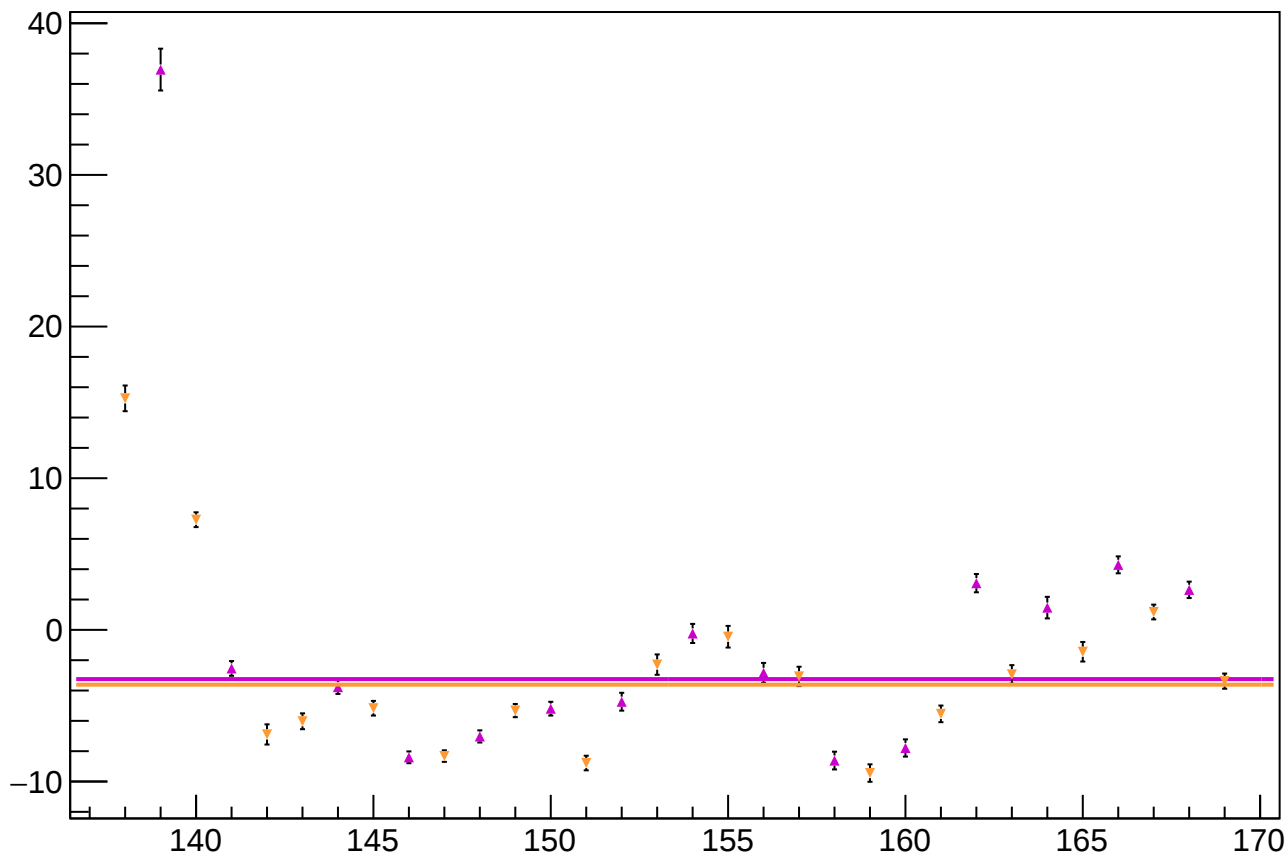
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

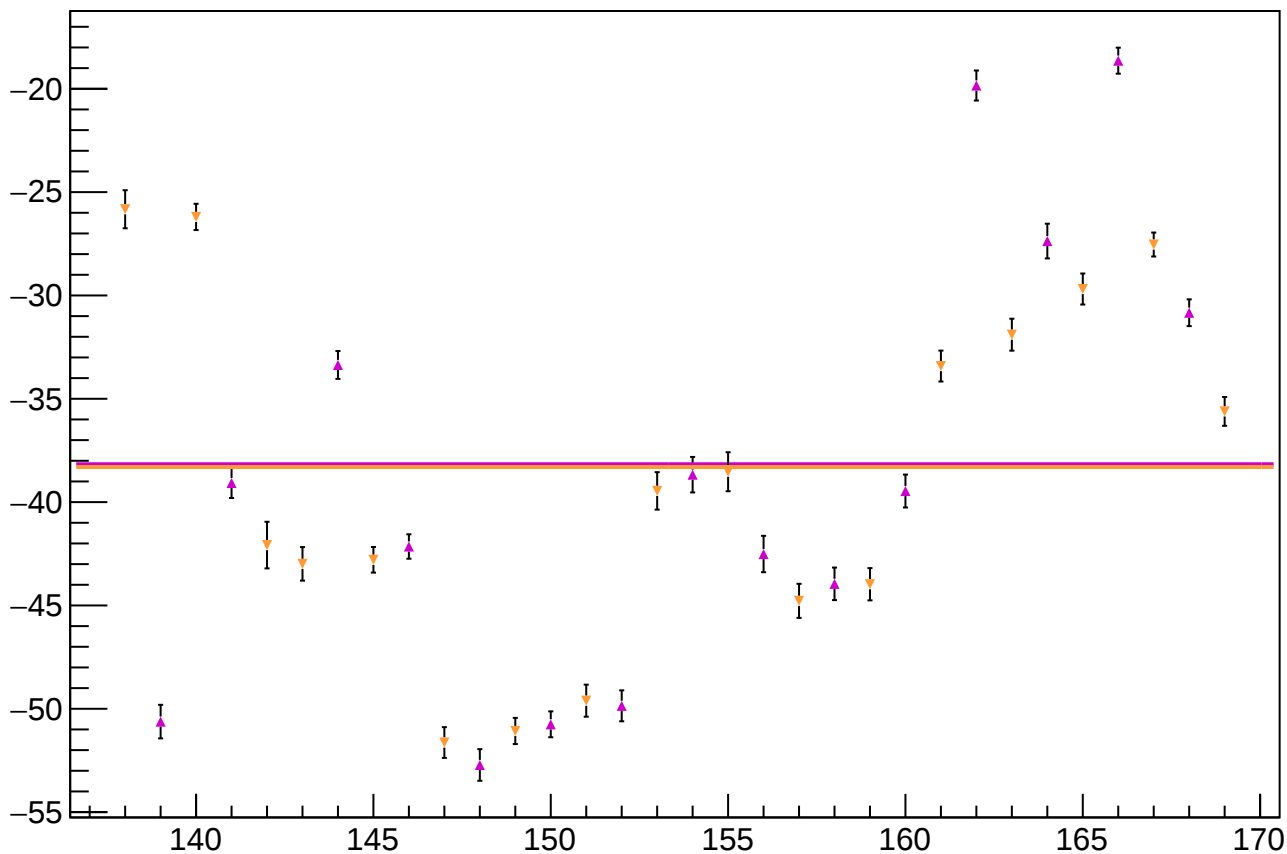
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.614+/-0.131 χ^2/NDF :1579.0/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.246+/-0.138 χ^2/NDF :1766.7/14

Left: -3.440+/-0.095 χ^2/NDF : 3349.4/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.246+/-0.138 χ^2/NDF :1766.7/14
 Out: -3.614+/-0.131 χ^2/NDF :1579.0/16
 All: -3.440+/-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

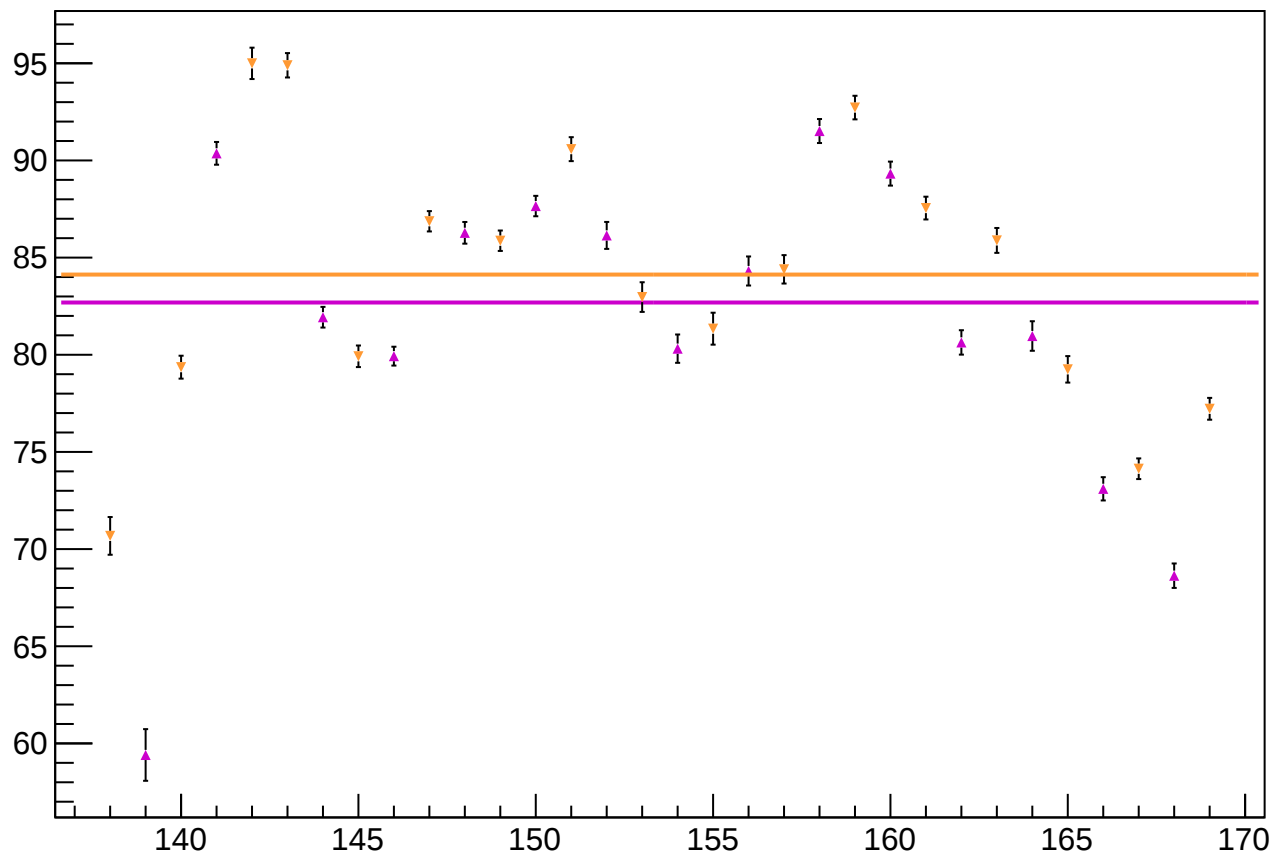
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

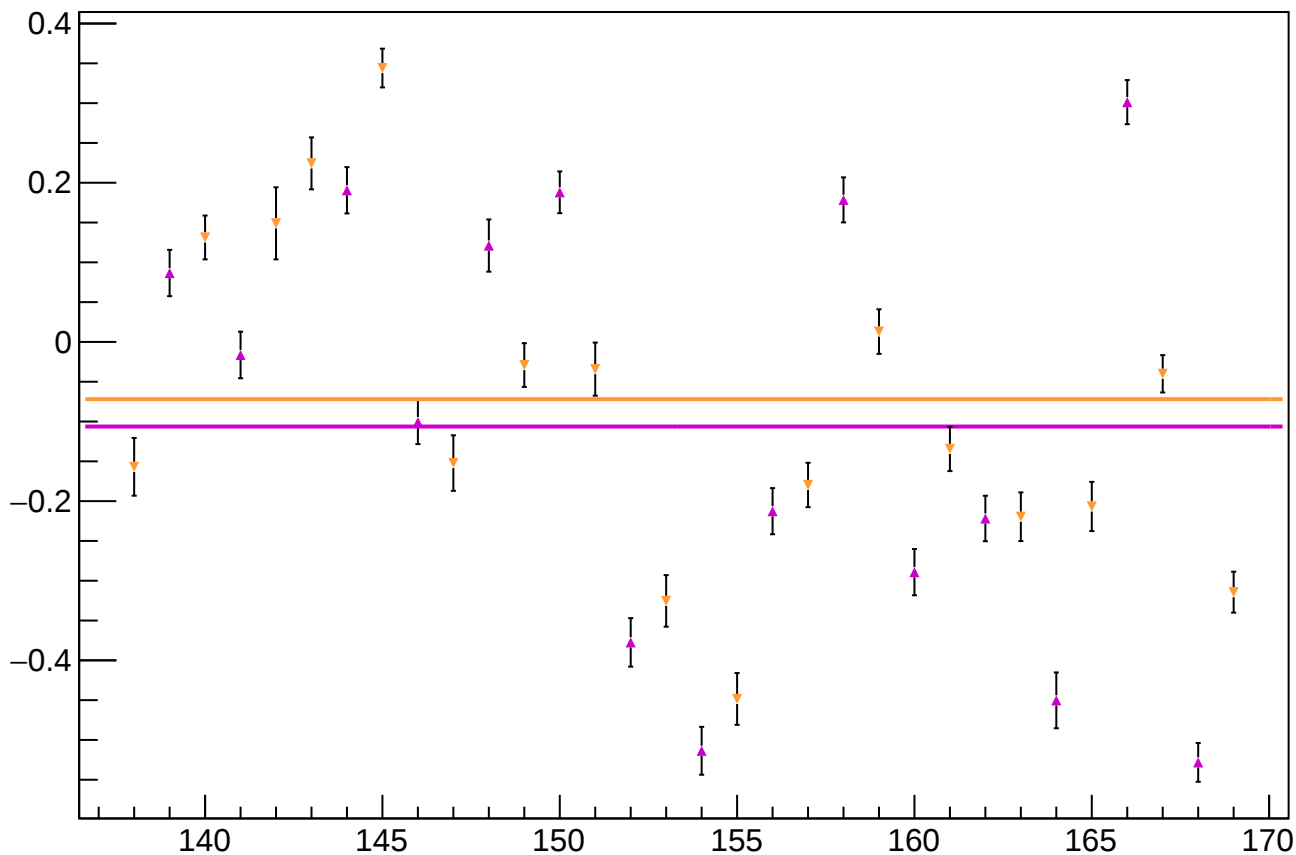
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

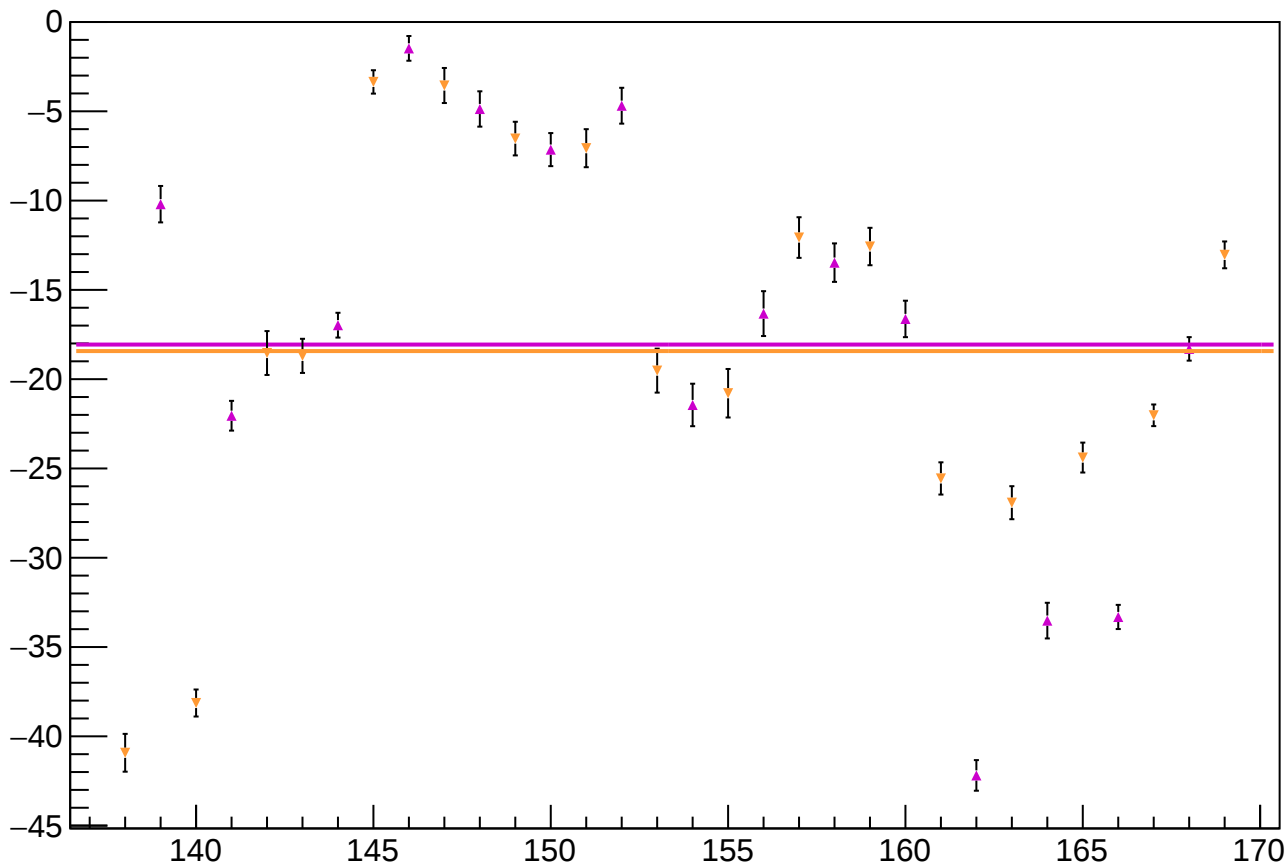
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.072 ± 0.007 $\chi^2/\text{NDF}: 824.5/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.106 ± 0.007 $\chi^2/\text{NDF}: 1377.2/14$

Left: -0.088 ± 0.005 $\chi^2/\text{NDF}: 2212.8/31$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -0.106 ± 0.007 $\chi^2/\text{NDF}: 1377.2/14$
 Out: -0.072 ± 0.007 $\chi^2/\text{NDF}: 824.5/16$
 All: -0.088 ± 0.005 $\chi^2/\text{NDF}: 2212.8/31$

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.427 $\pm$ 0.218 χ^2 /NDF:2512.7/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -18.062 $\pm$ 0.225 χ^2 /NDF:2722.9/14

Left: -18.250 $\pm$ 0.157 χ^2 /NDF: 5237.0/31

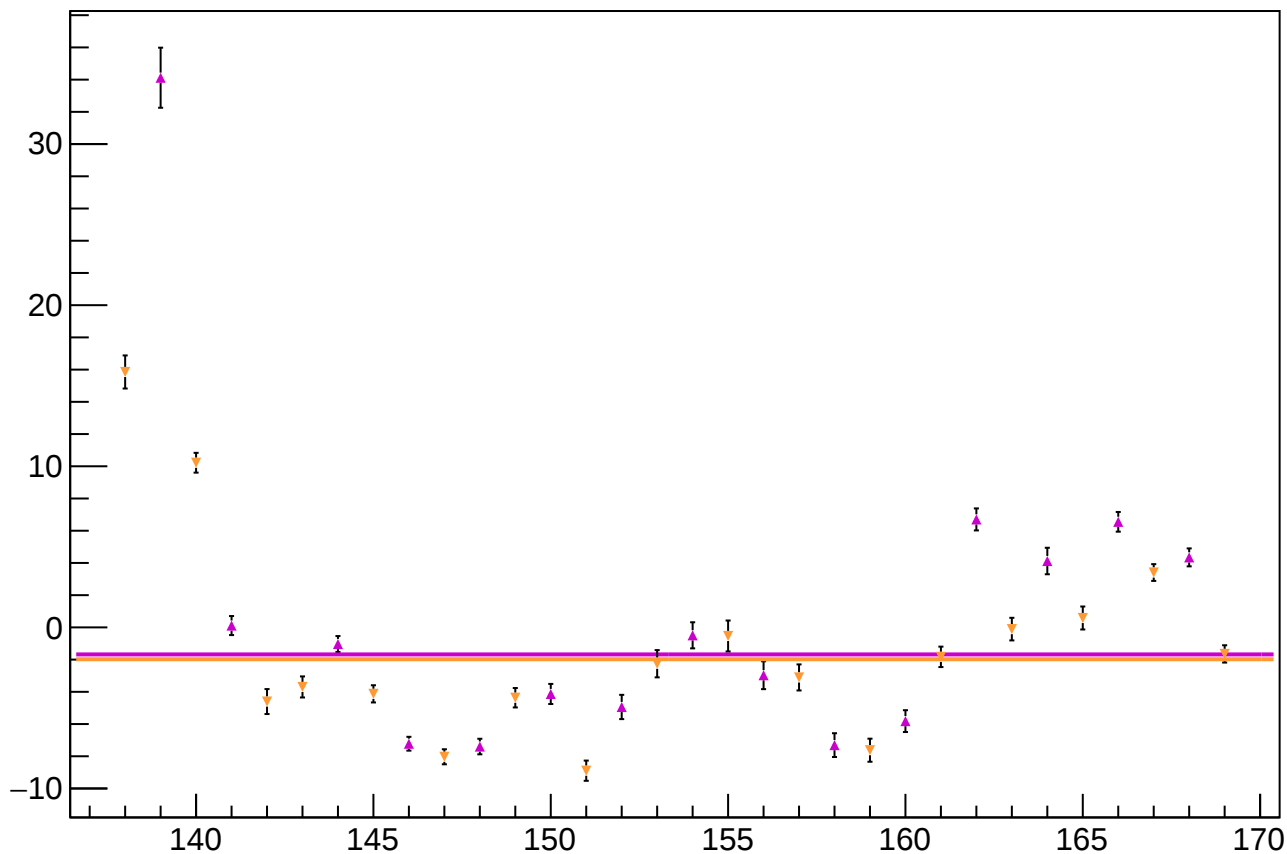
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -18.062 $\pm$ 0.225 χ^2 /NDF:2722.9/14

Out: -18.427 $\pm$ 0.218 χ^2 /NDF:2512.7/16

All: -18.250 $\pm$ 0.157 χ^2 /NDF: 5237.0/31

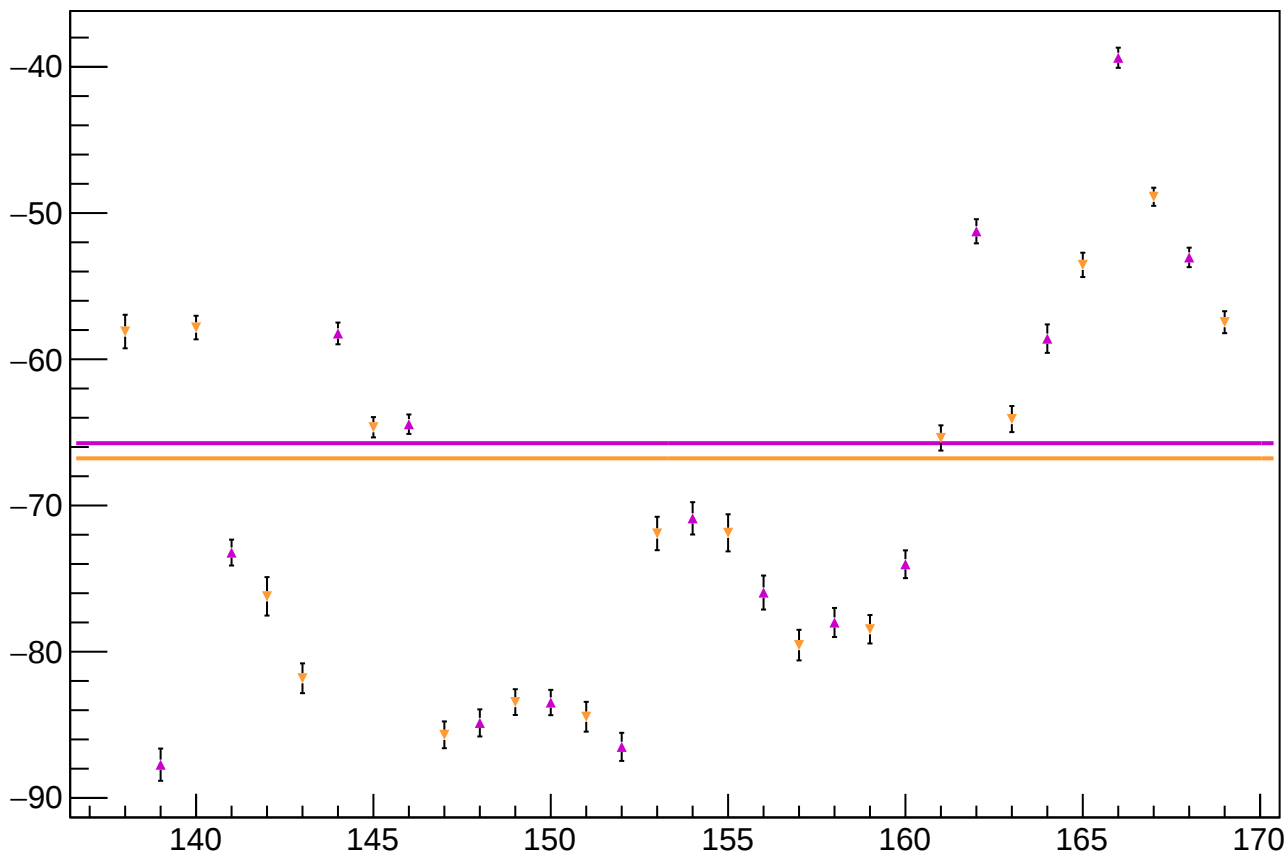
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

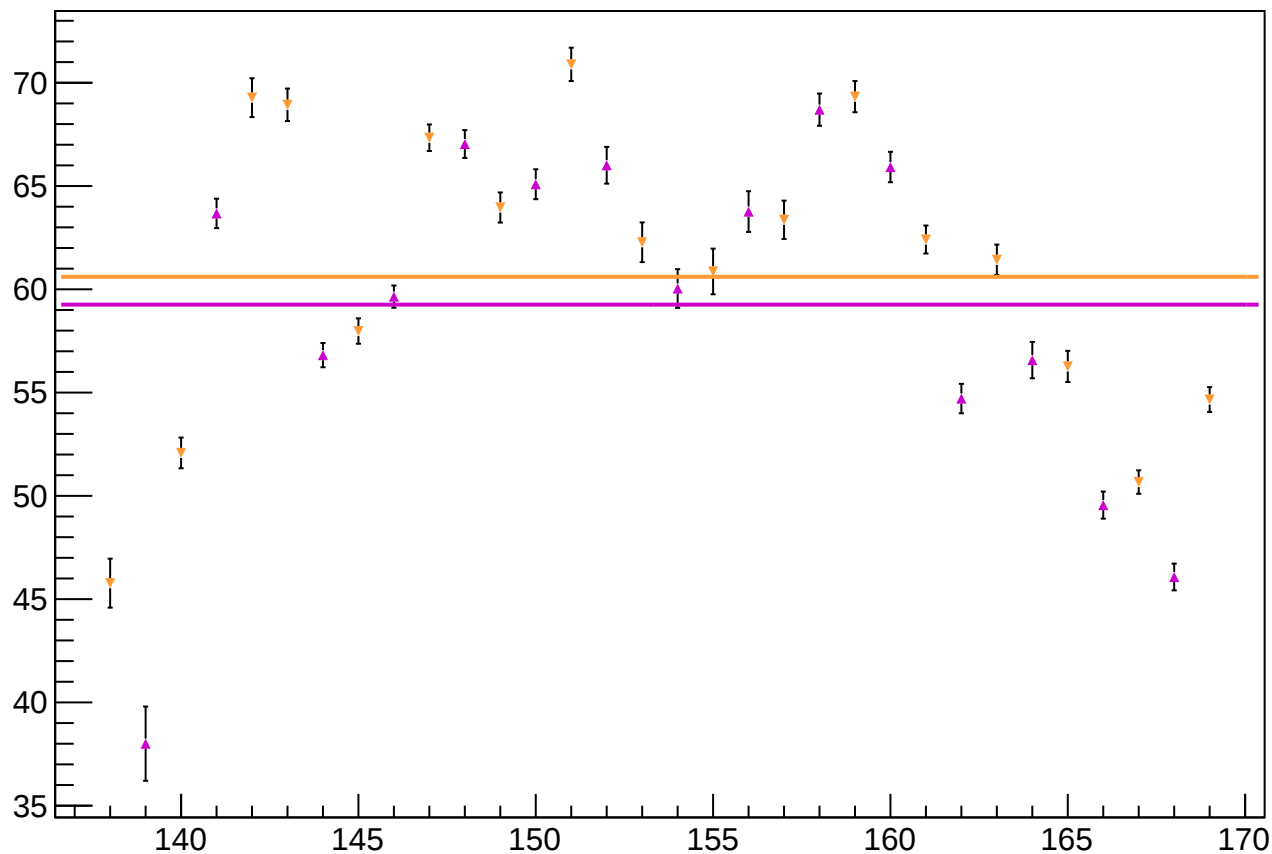
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

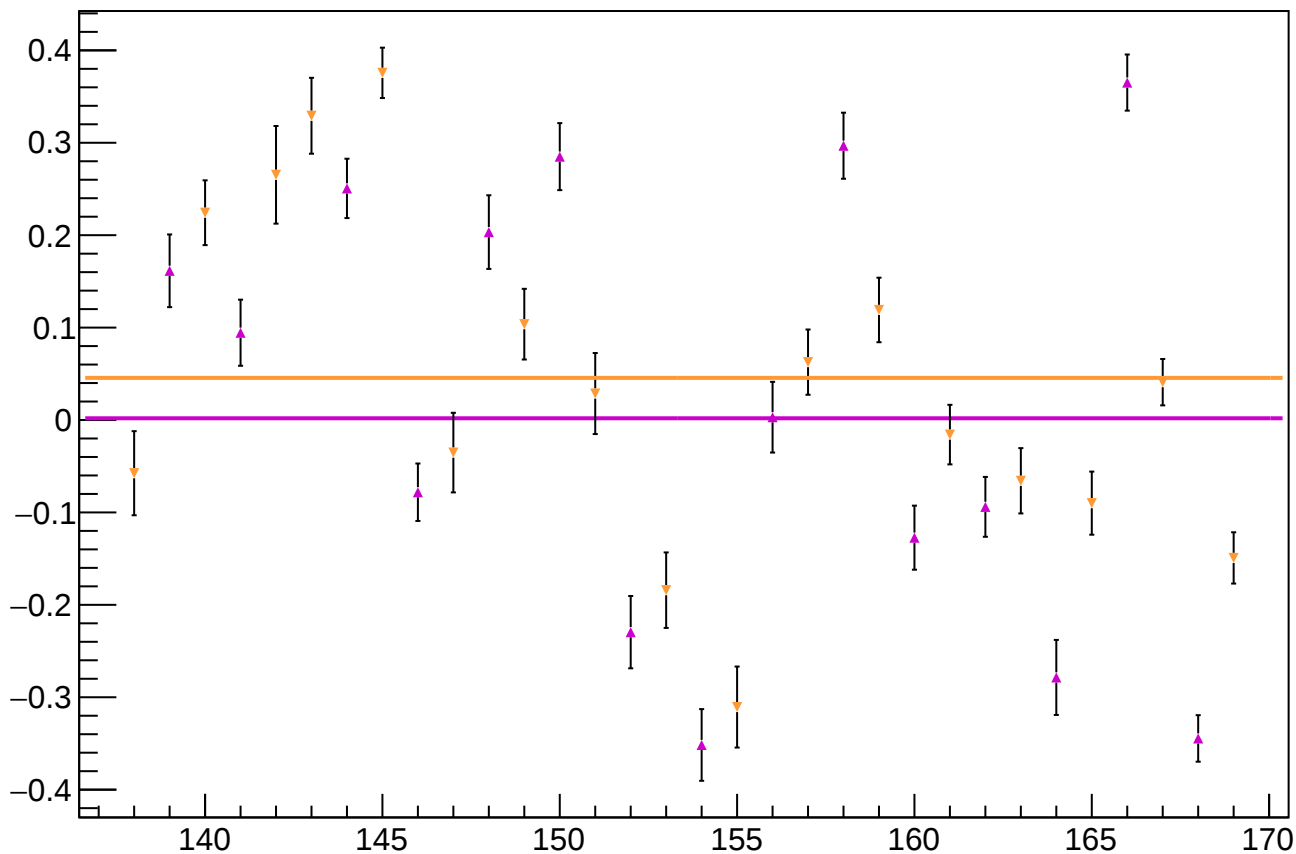
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

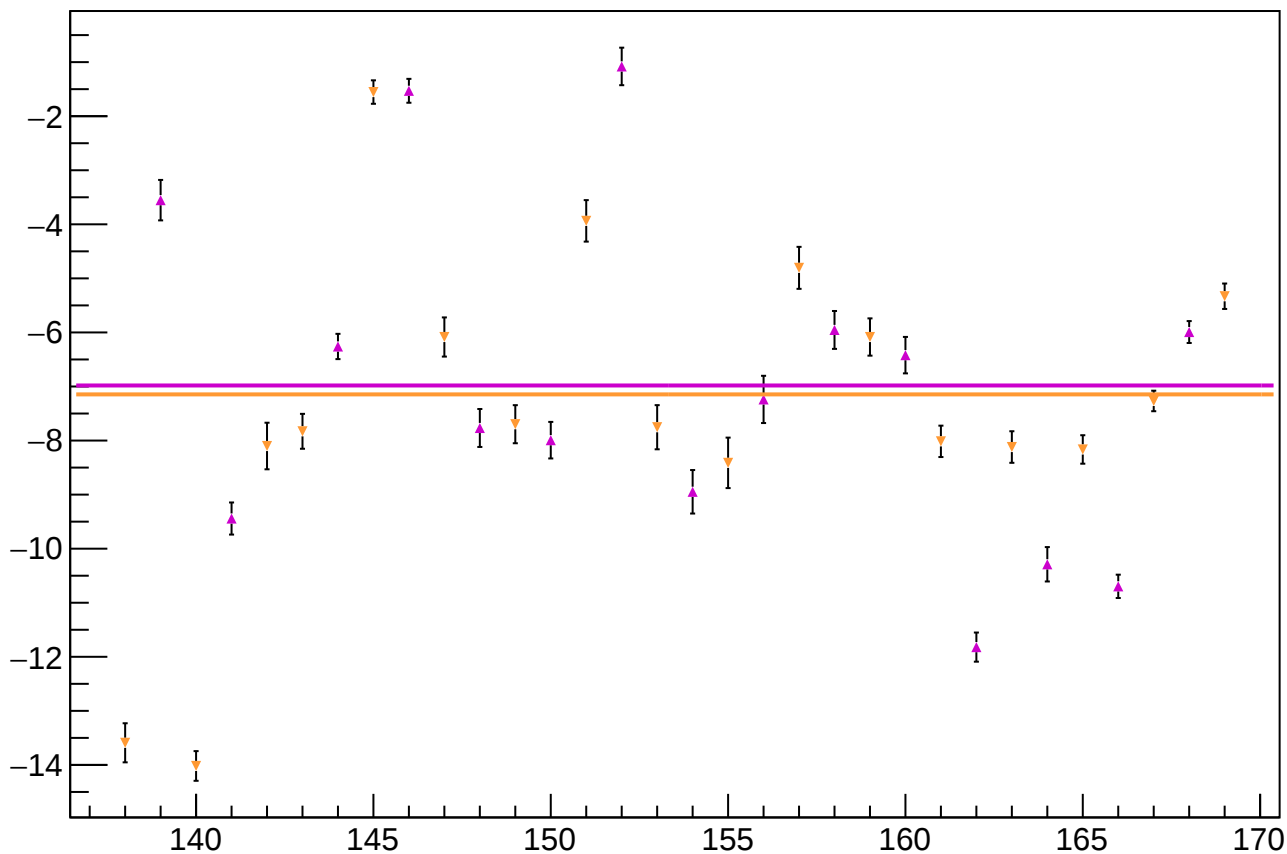
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

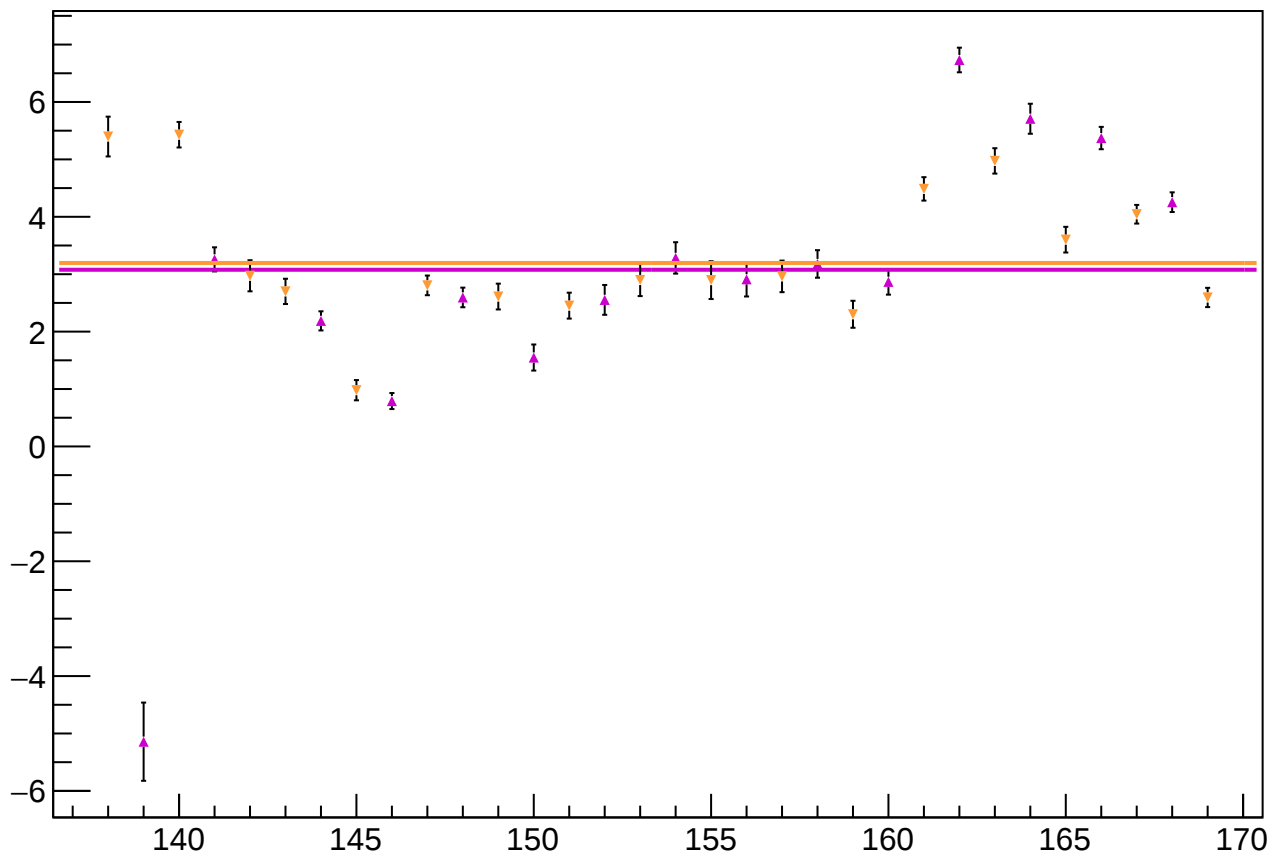
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

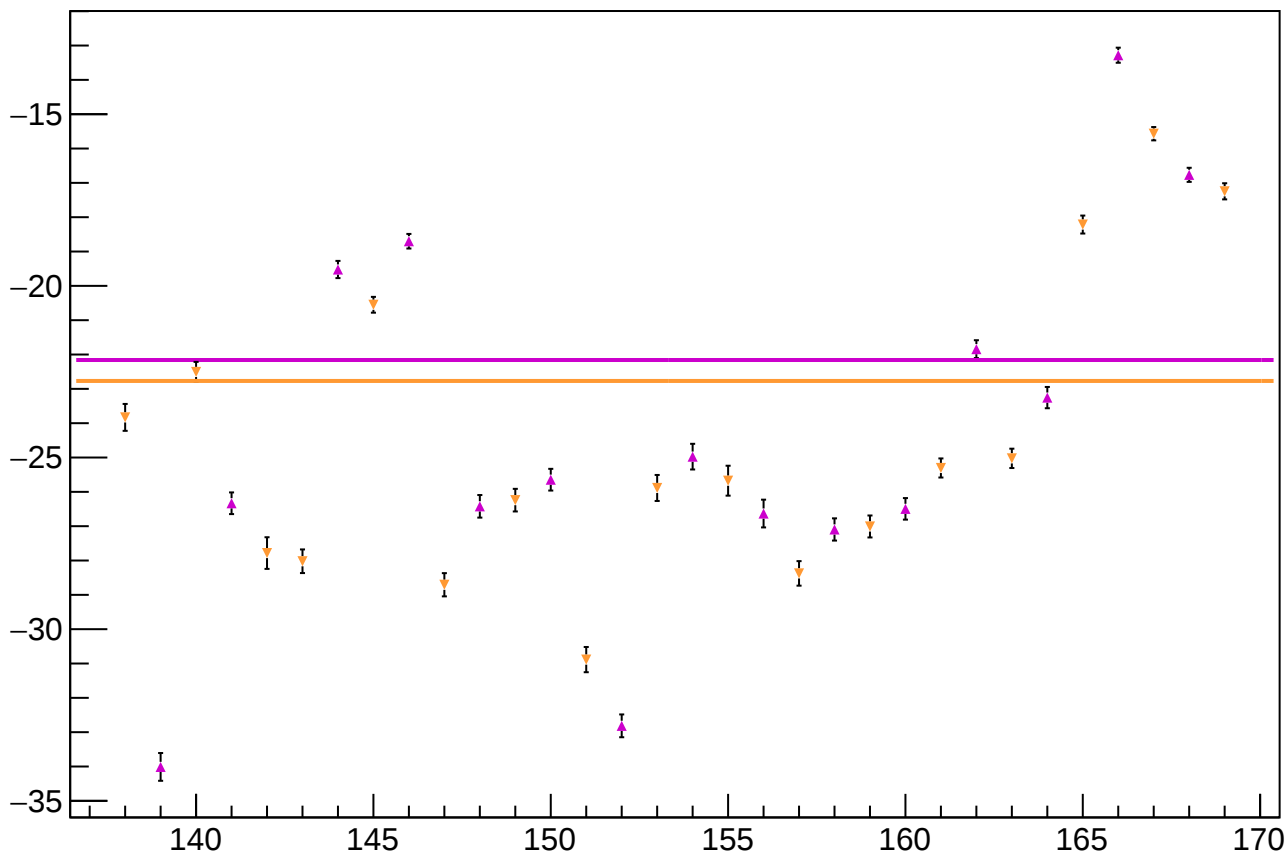
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

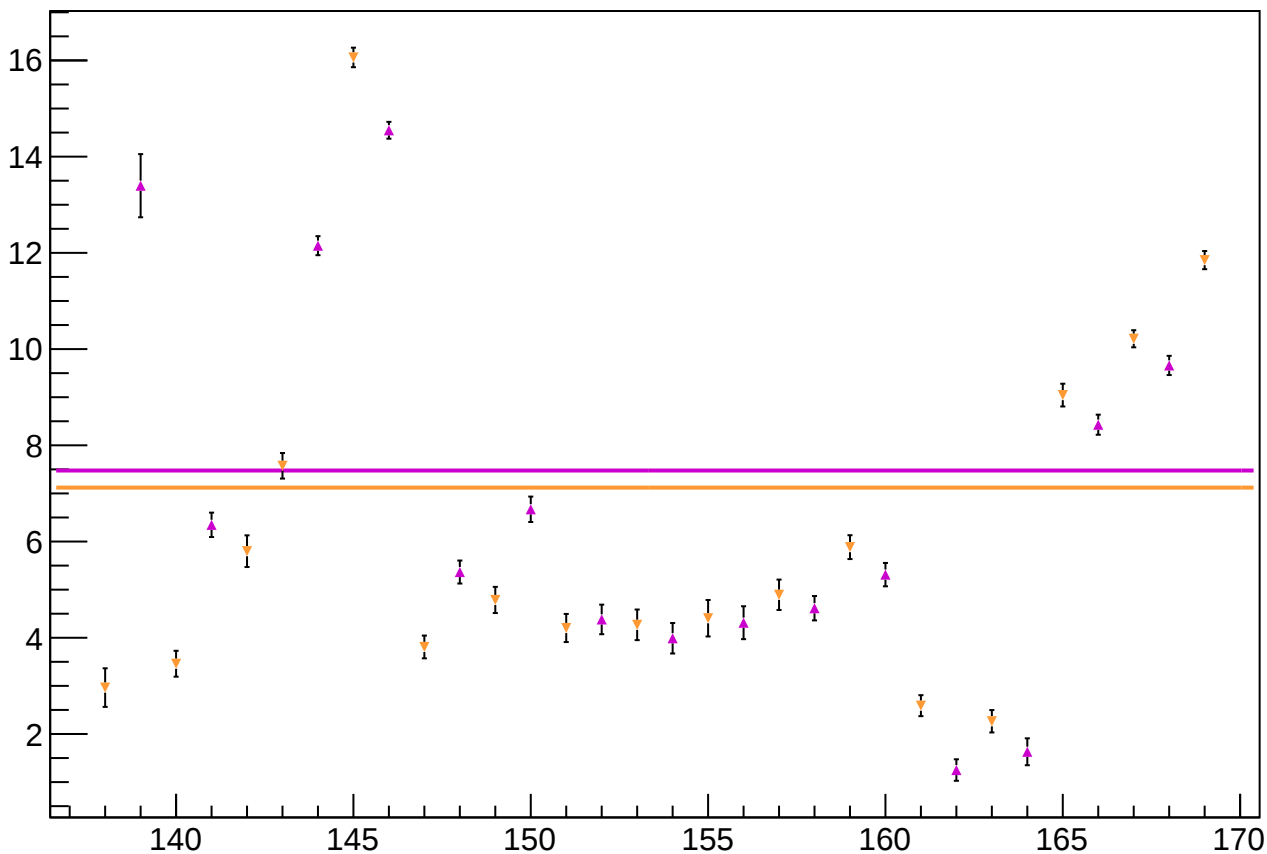
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

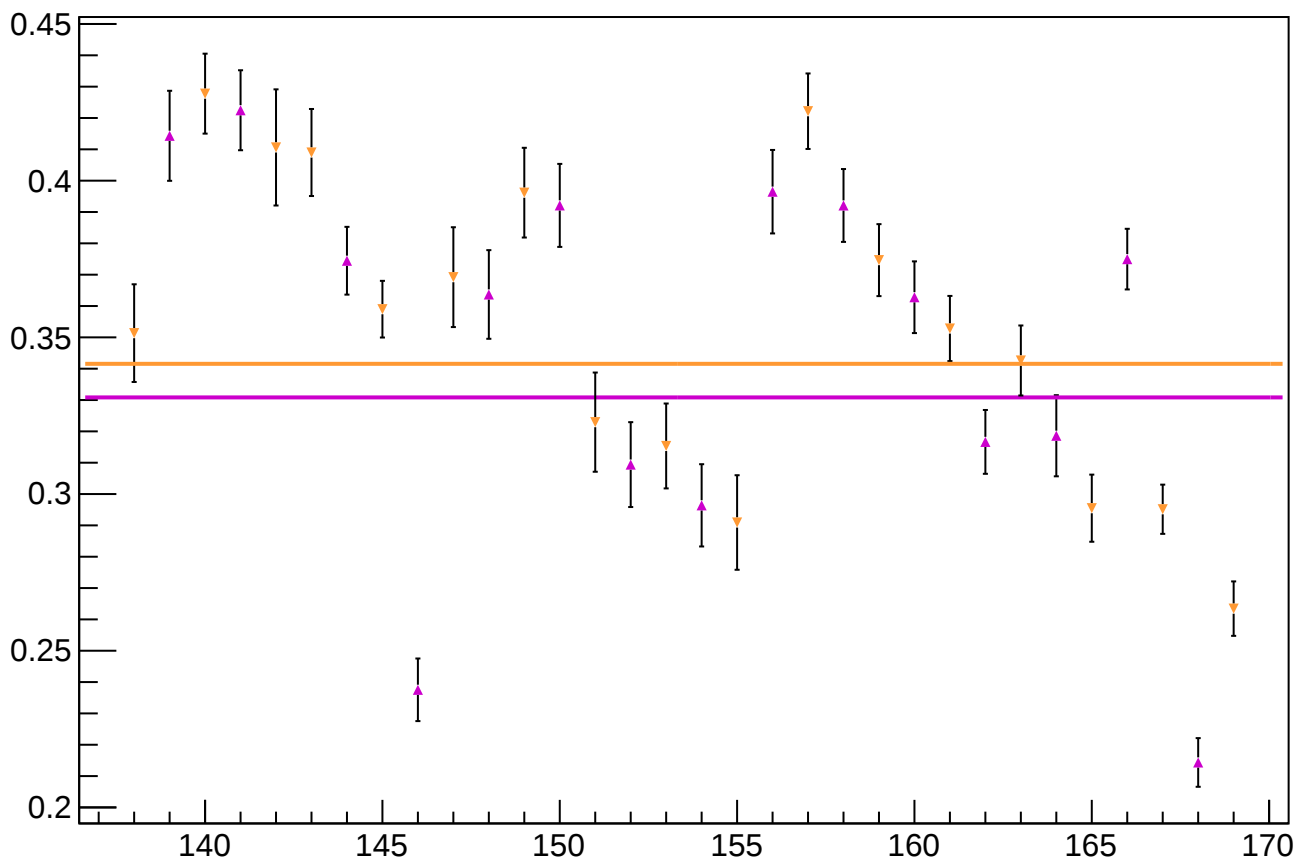
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

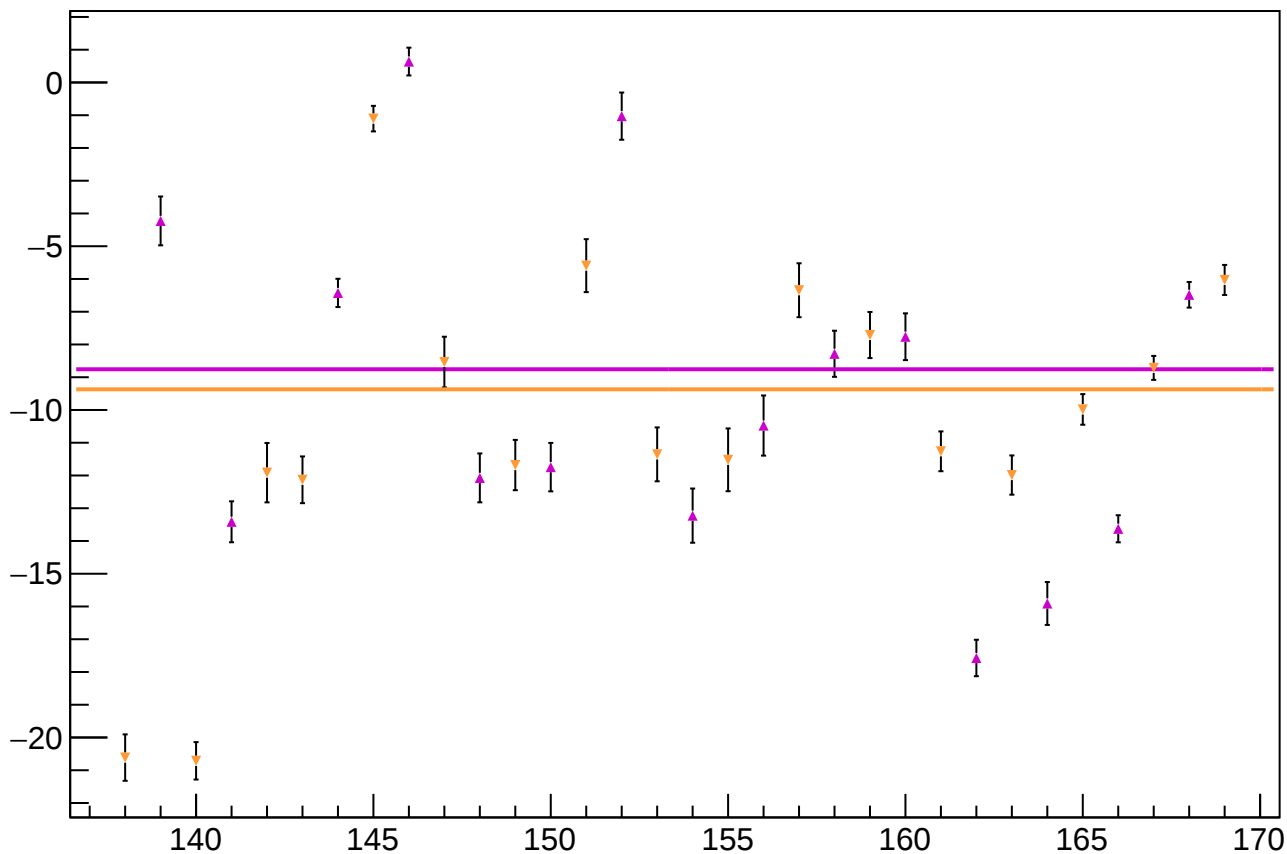
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.342 $\pm$ 0.003 χ^2 /NDF:309.8/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.331 $\pm$ 0.003 χ^2 /NDF:533.4/14

Left: 0.336 $\pm$ 0.002 χ^2 /NDF: 850.0/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.331 $\pm$ 0.003 χ^2 /NDF:533.4/14
 Out: 0.342 $\pm$ 0.003 χ^2 /NDF:309.8/16
 All: 0.336 $\pm$ 0.002 χ^2 /NDF: 850.0/31

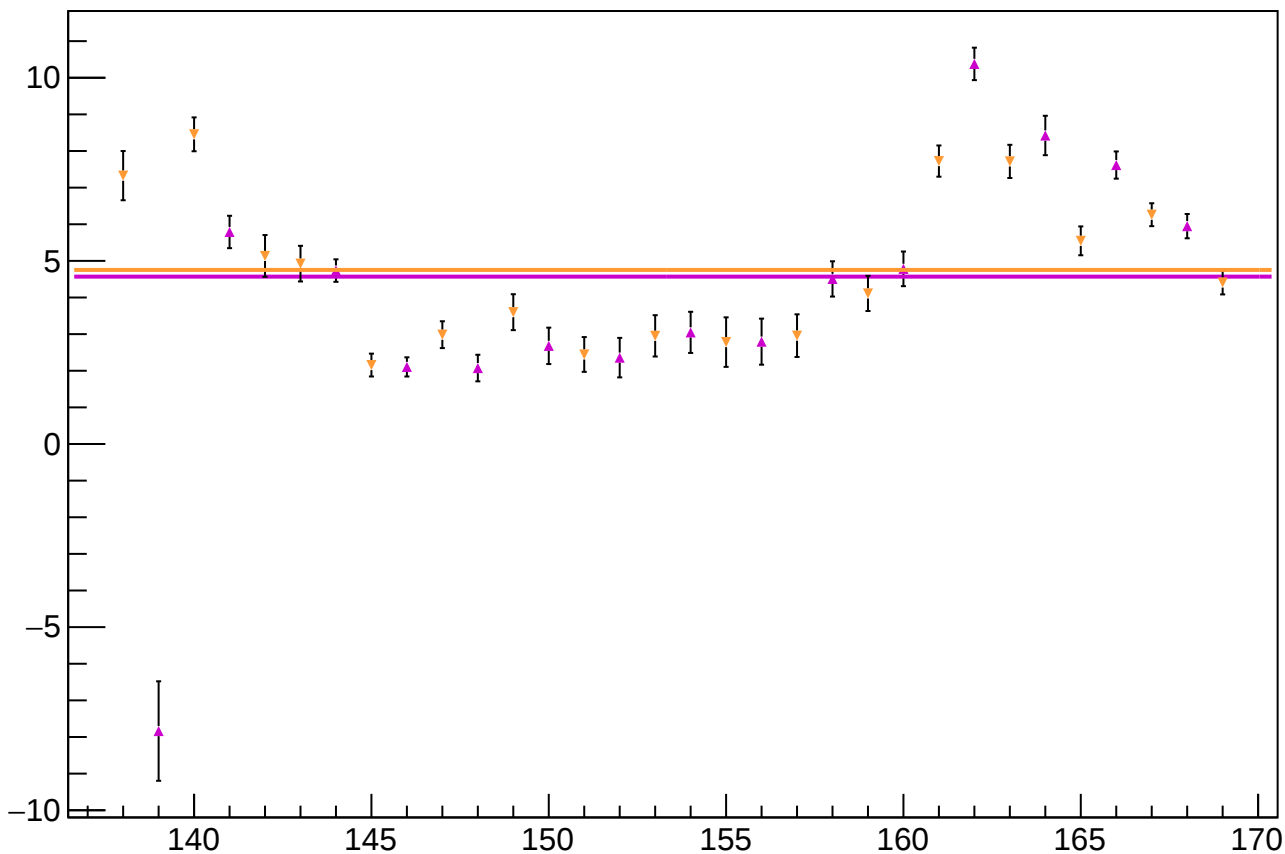
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.369 ± 0.144 $\chi^2/\text{NDF}: 1266.4/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -8.757 ± 0.148 $\chi^2/\text{NDF}: 1340.6/14$

Left: -9.072 ± 0.103 $\chi^2/\text{NDF}: 2615.8/31$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -8.757 ± 0.148 $\chi^2/\text{NDF}: 1340.6/14$
 Out: -9.369 ± 0.144 $\chi^2/\text{NDF}: 1266.4/16$
 All: -9.072 ± 0.103 $\chi^2/\text{NDF}: 2615.8/31$

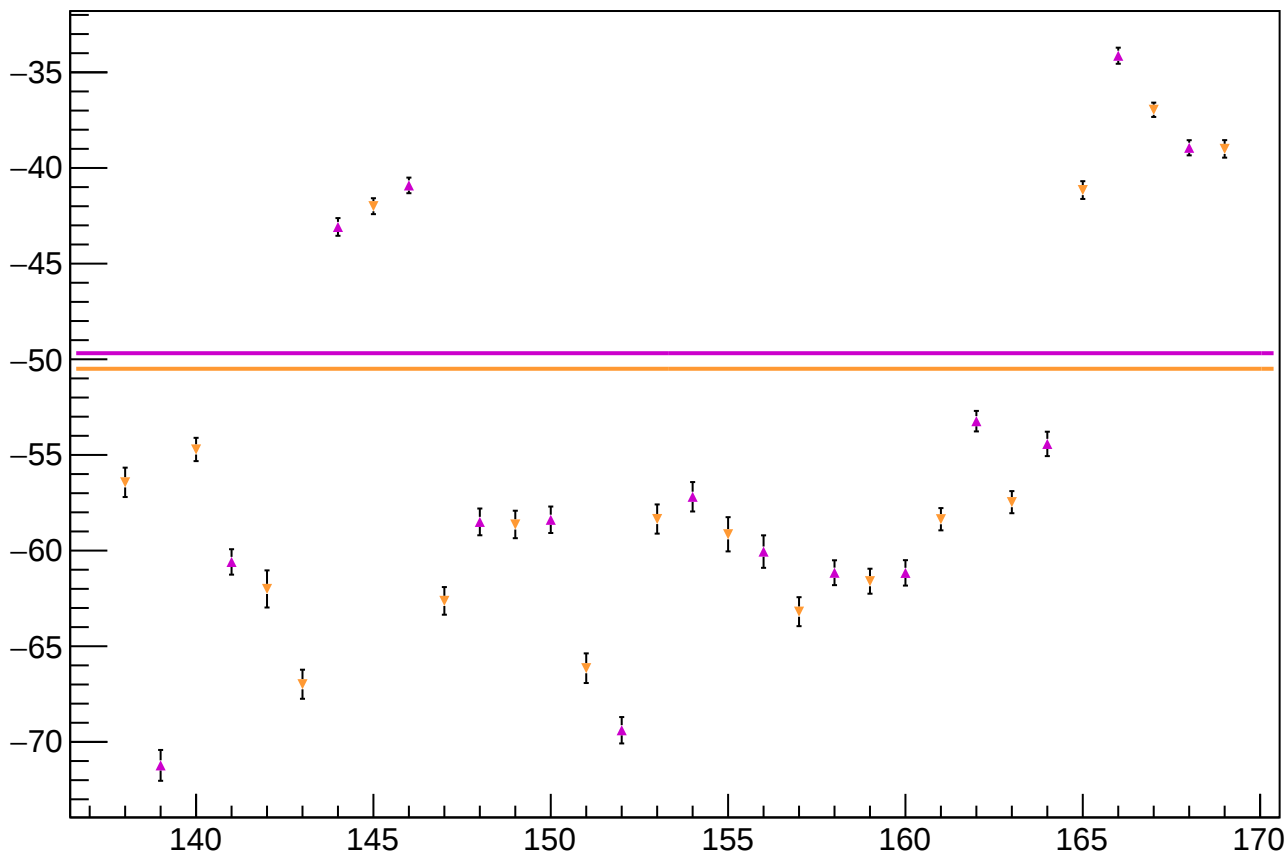
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

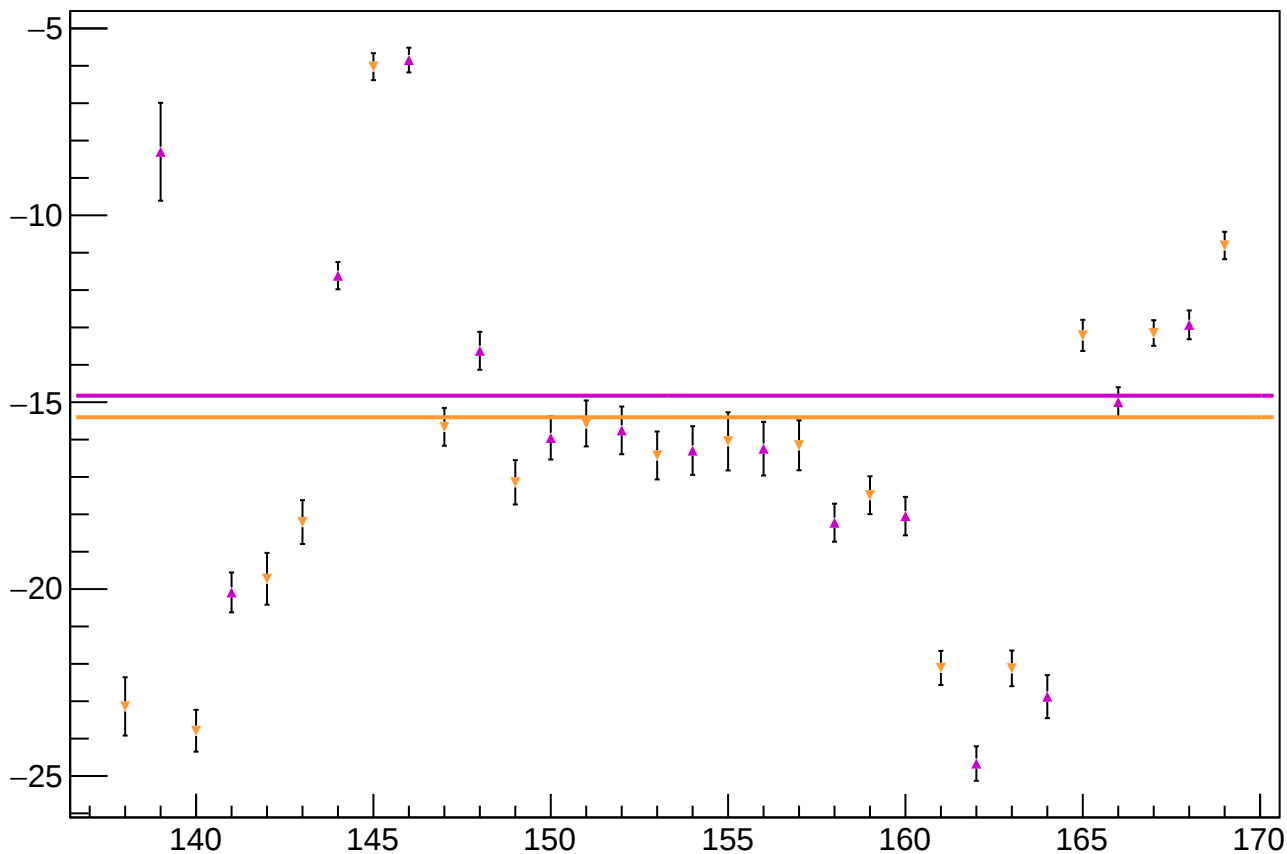
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

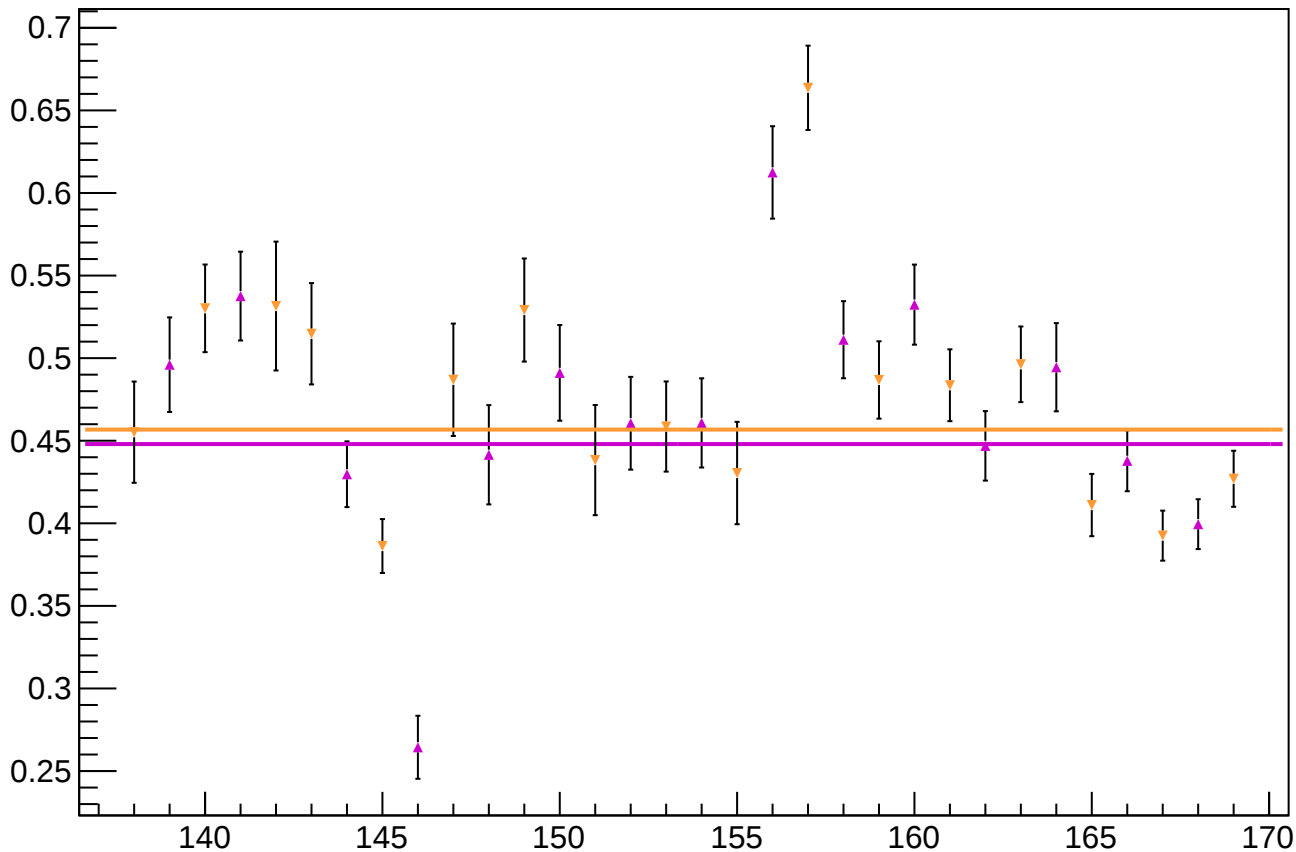
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

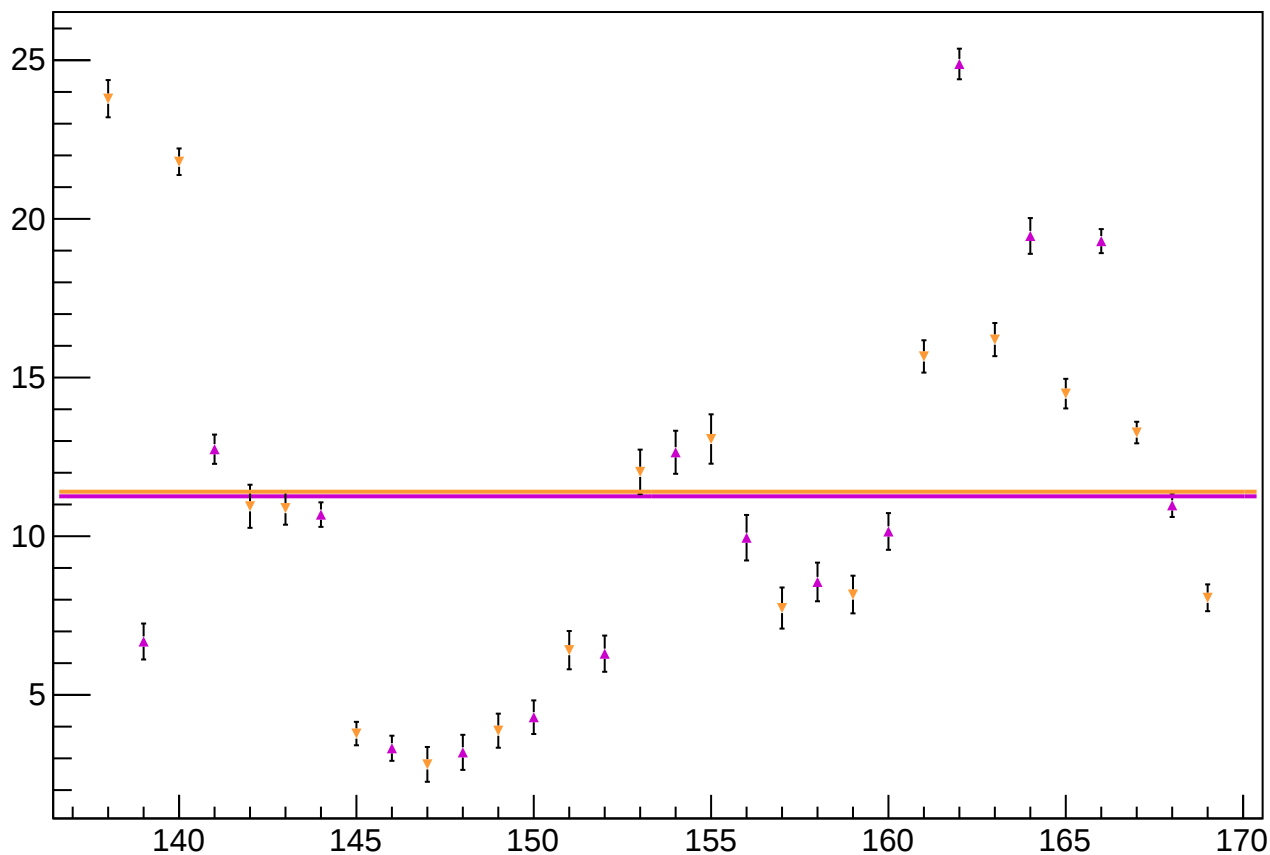
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

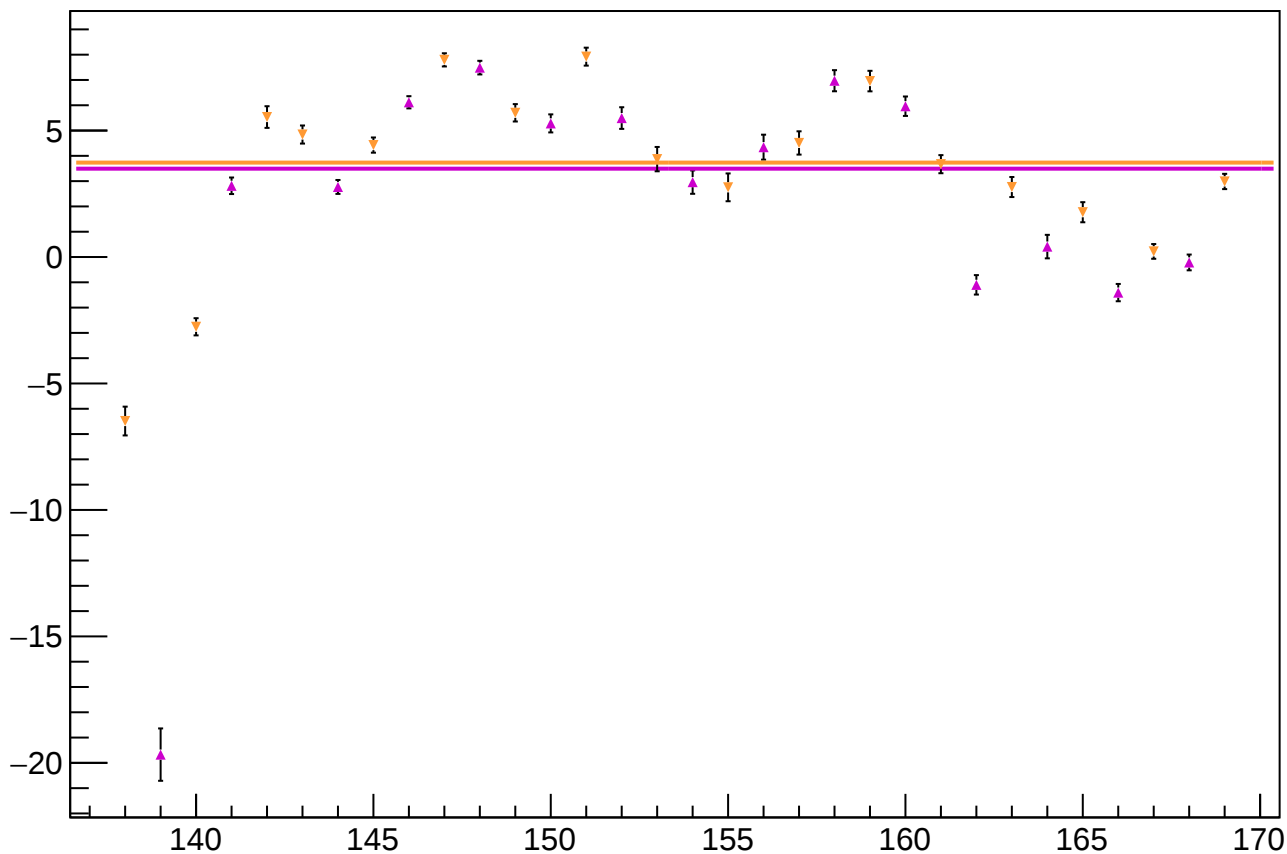
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

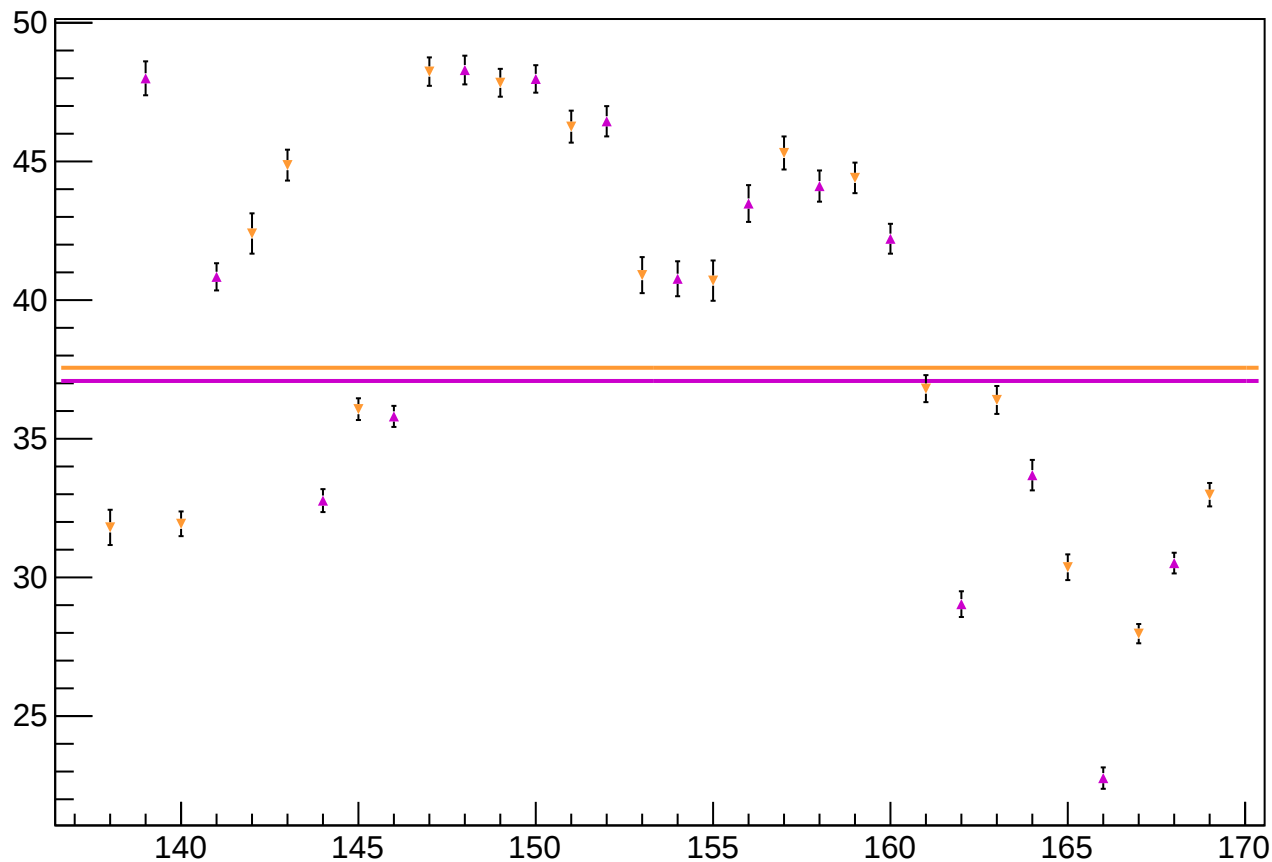
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.733+/-0.088 χ^2/NDF :1386.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.492+/-0.092 χ^2/NDF :1545.2/14

Left: 3.617+/-0.063 χ^2/NDF : 2934.9/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.492+/-0.092 χ^2/NDF :1545.2/14
 Out: 3.733+/-0.088 χ^2/NDF :1386.1/16
 All: 3.617+/-0.063 χ^2/NDF : 2934.9/31

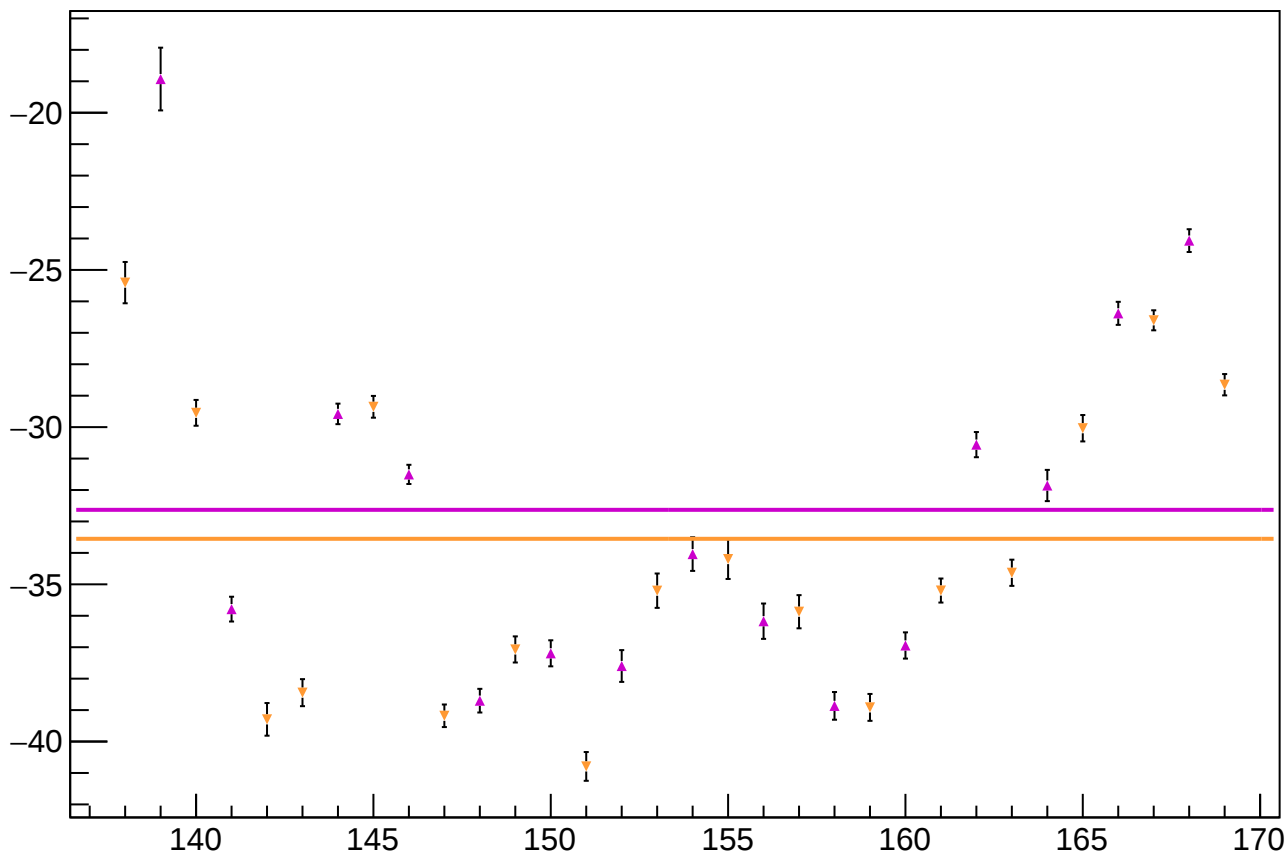
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 37.560+/-0.122 χ^2/NDF : 3047.2/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.084+/-0.125 χ^2/NDF : 4143.2/14

Left: 37.328+/-0.087 χ^2/NDF : 7197.8/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.084+/-0.125 χ^2/NDF : 4143.2/14
 Out: 37.560+/-0.122 χ^2/NDF : 3047.2/16
 All: 37.328+/-0.087 χ^2/NDF : 7197.8/31

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

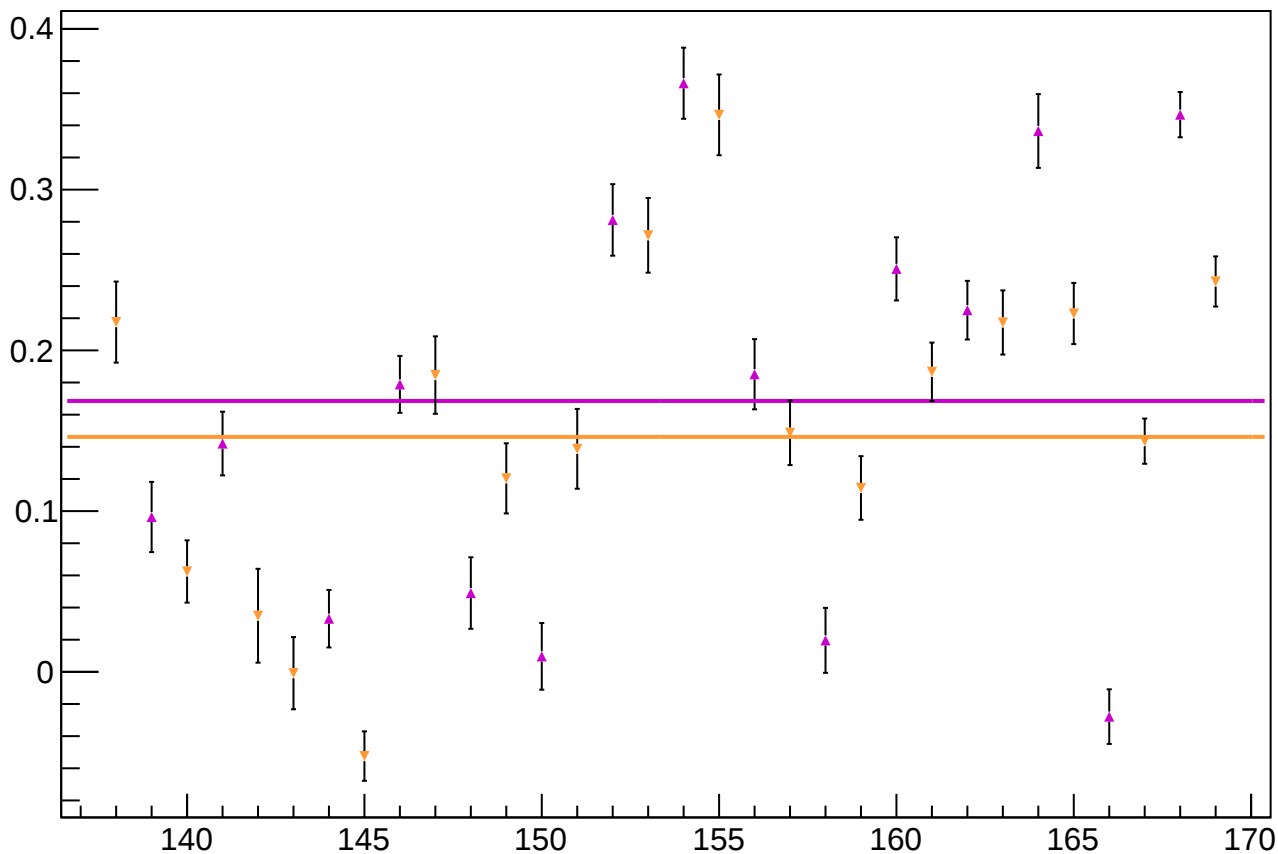


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.552+/-0.102 χ^2/NDF :2182.3/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.630+/-0.107 χ^2/NDF :2063.7/14

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

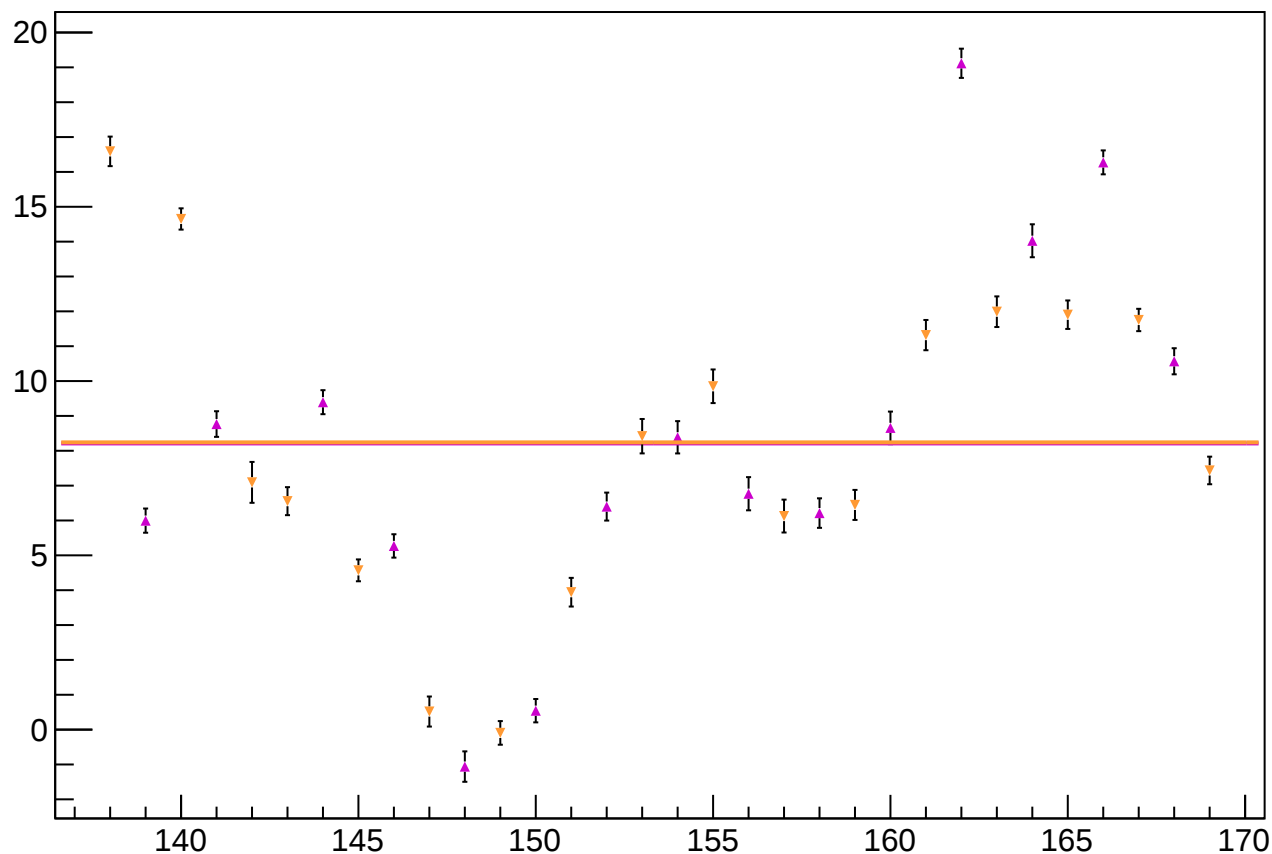
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

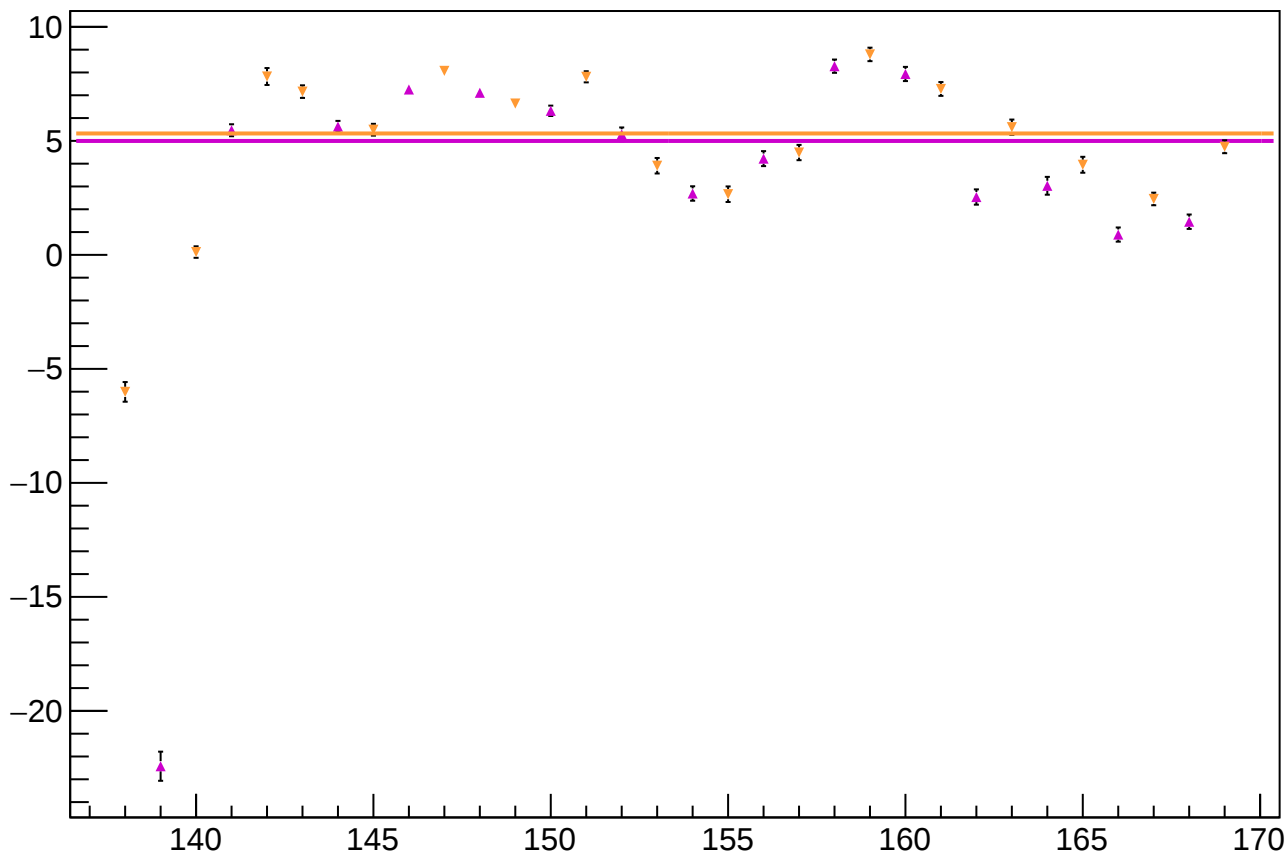
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

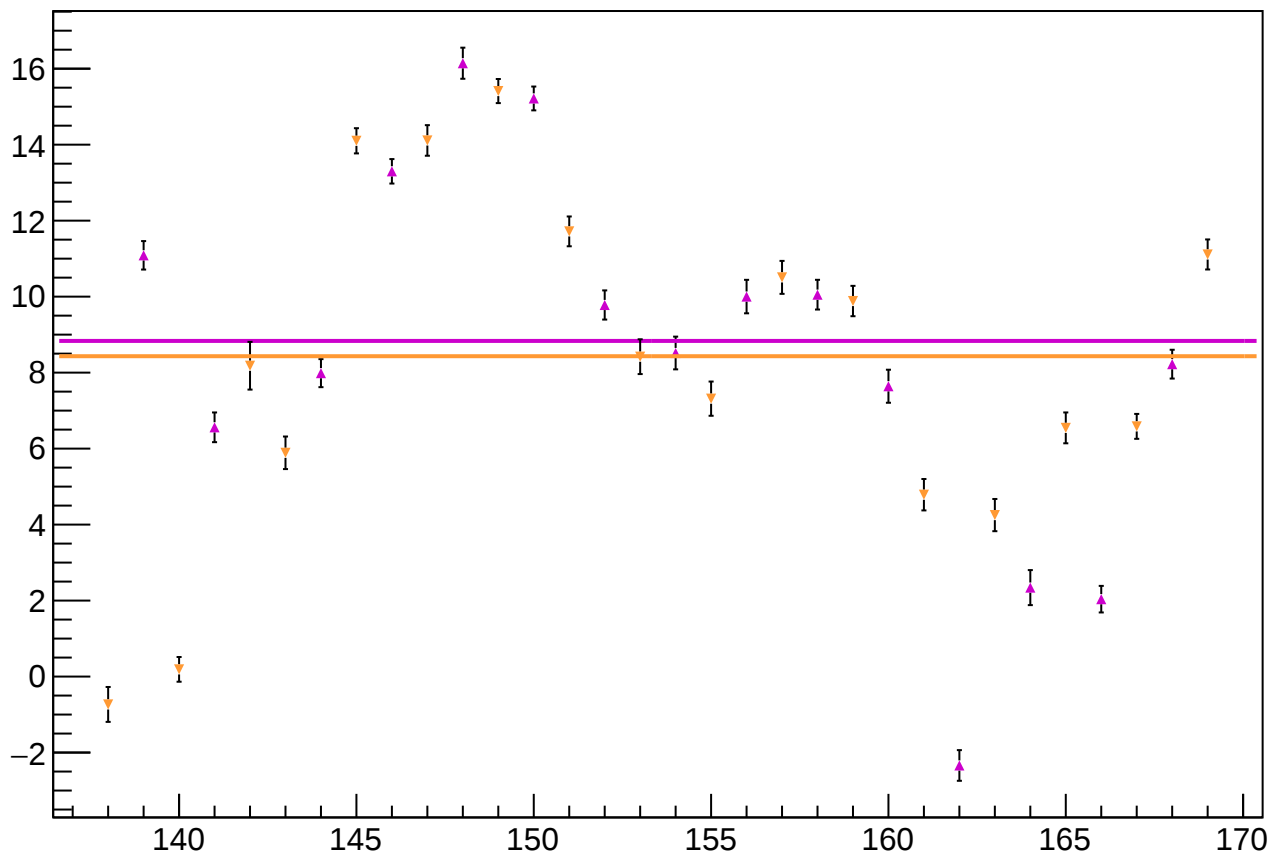
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.324 $\pm$ 0.069 χ^2 /NDF:1910.2/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.996 $\pm$ 0.074 χ^2 /NDF:2747.4/14

Left: 5.170 $\pm$ 0.050 χ^2 /NDF: 4668.1/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.996 $\pm$ 0.074 χ^2 /NDF:2747.4/14
 Out: 5.324 $\pm$ 0.069 χ^2 /NDF:1910.2/16
 All: 5.170 $\pm$ 0.050 χ^2 /NDF: 4668.1/31

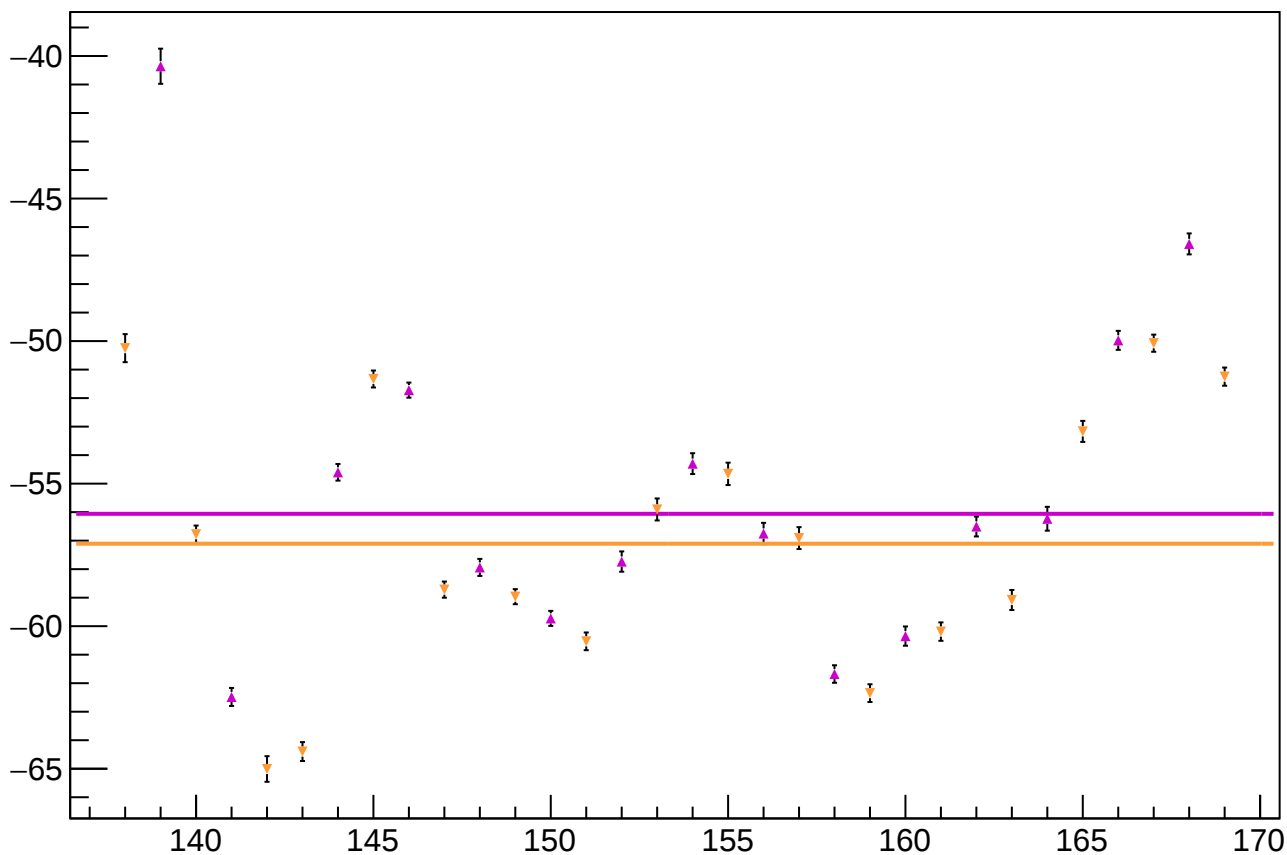
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

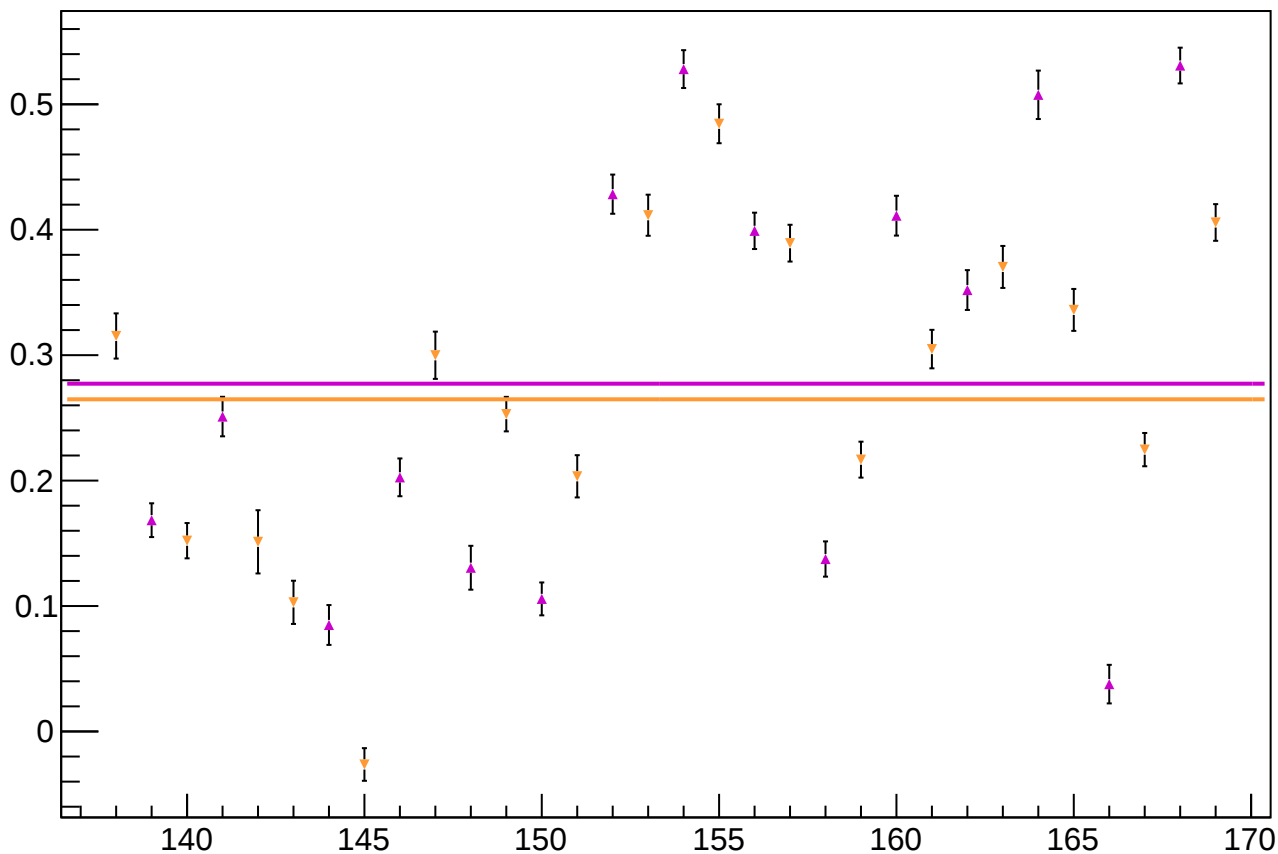
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

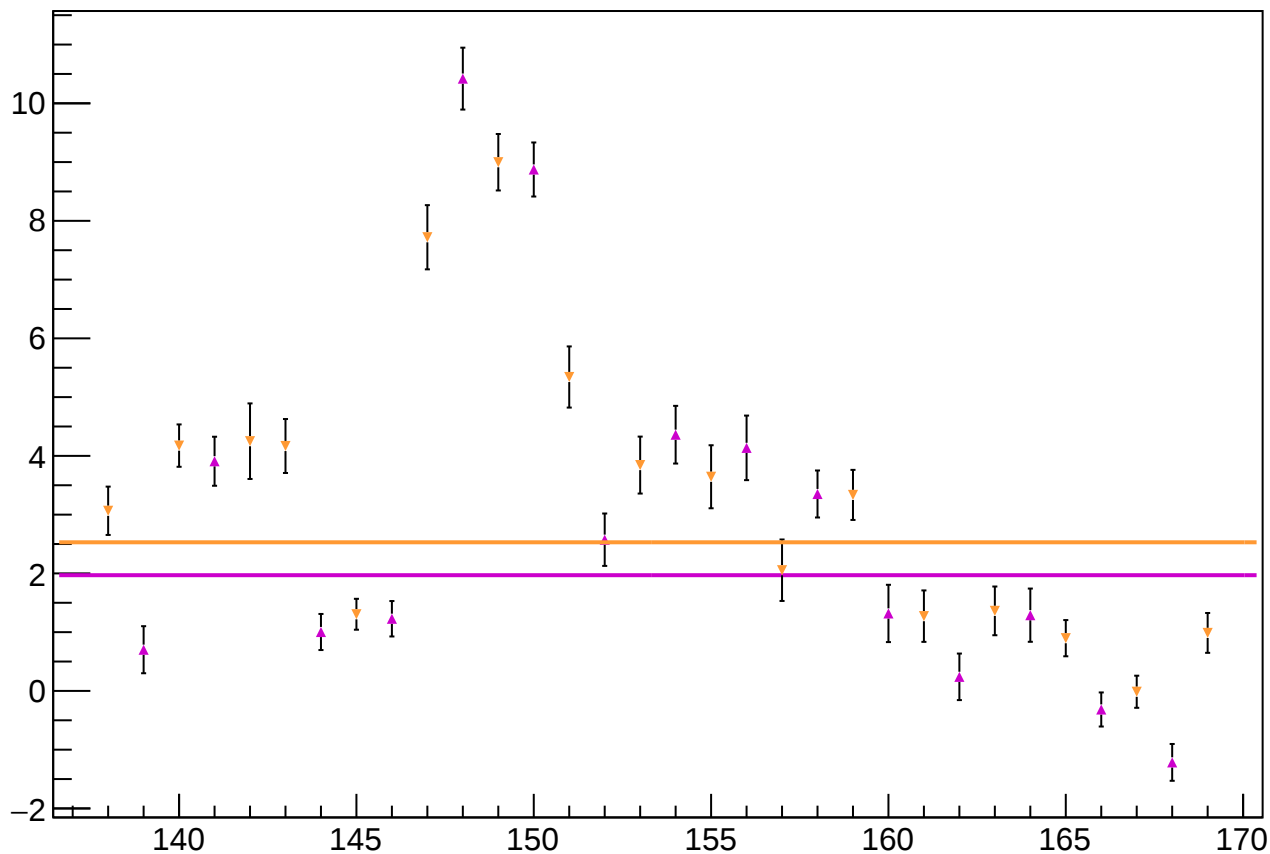
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.265+/-0.004 χ^2/NDF :1229.7/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.277+/-0.004 χ^2/NDF :1815.5/14

Left: 0.271+/-0.003 χ^2/NDF : 3050.4/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.277+/-0.004 χ^2/NDF :1815.5/14
 Out: 0.265+/-0.004 χ^2/NDF :1229.7/16
 All: 0.271+/-0.003 χ^2/NDF : 3050.4/31

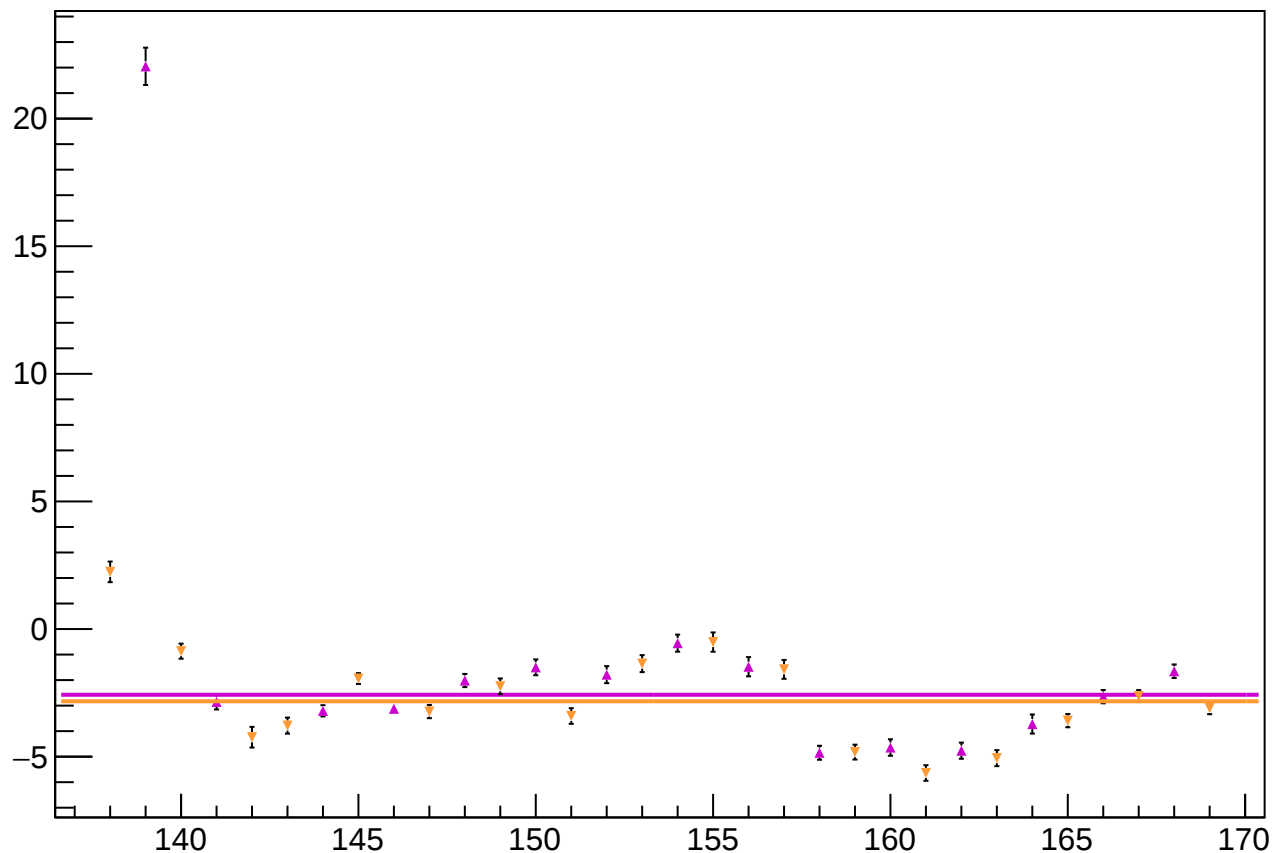
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

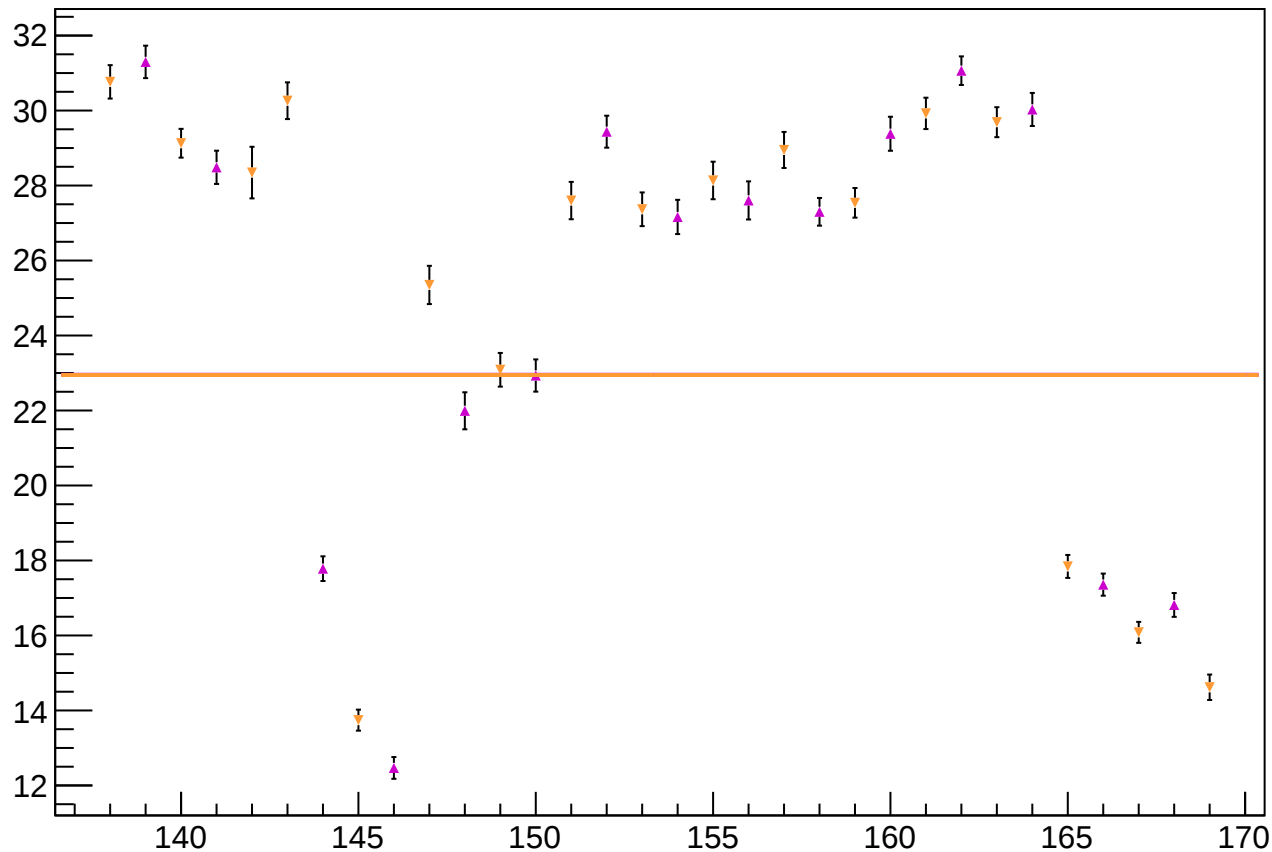
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

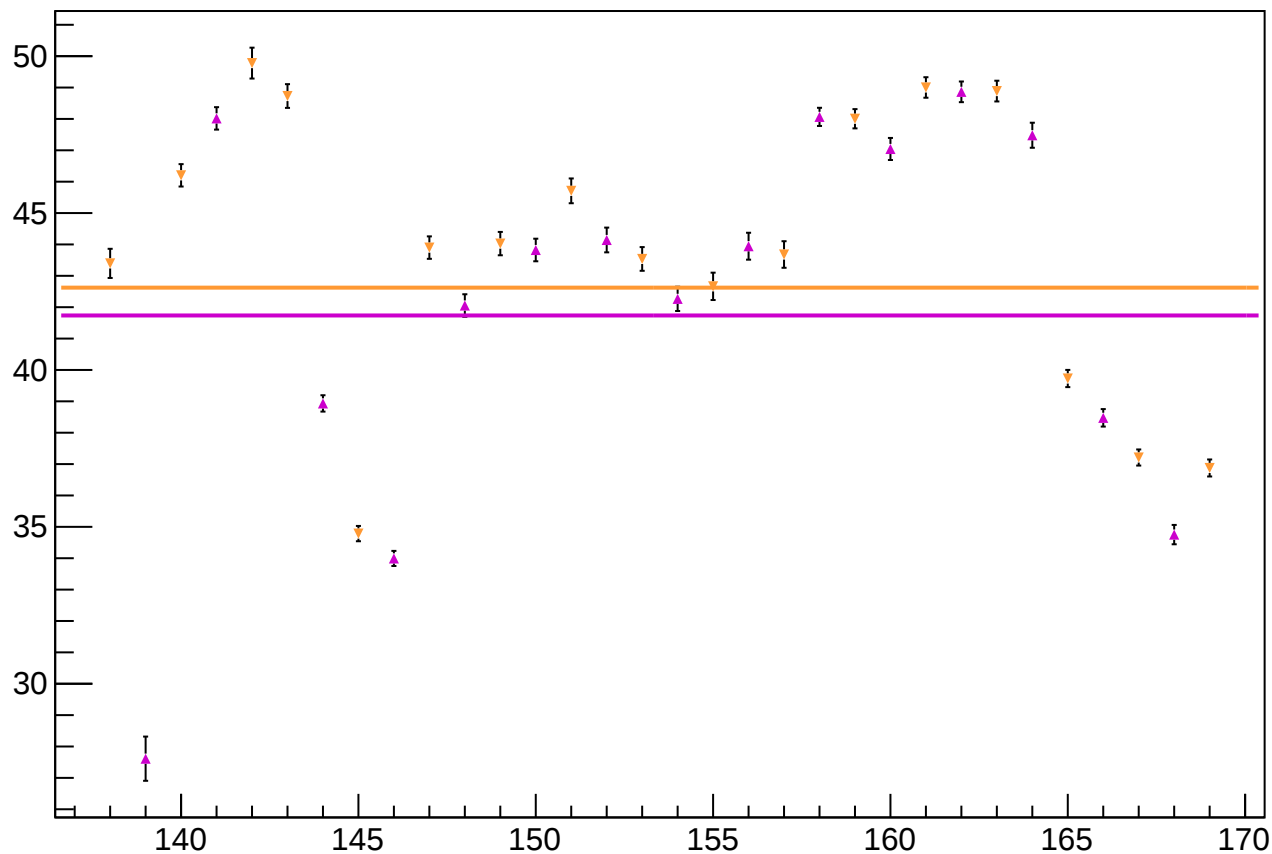
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.946+/-0.096 χ^2/NDF :4581.6/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.953+/-0.100 χ^2/NDF :4269.0/14

Left: 22.950+/-0.069 χ^2/NDF : 8850.6/31
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.953+/-0.100 χ^2/NDF :4269.0/14
 Out: 22.946+/-0.096 χ^2/NDF :4581.6/16
 All: 22.950+/-0.069 χ^2/NDF : 8850.6/31

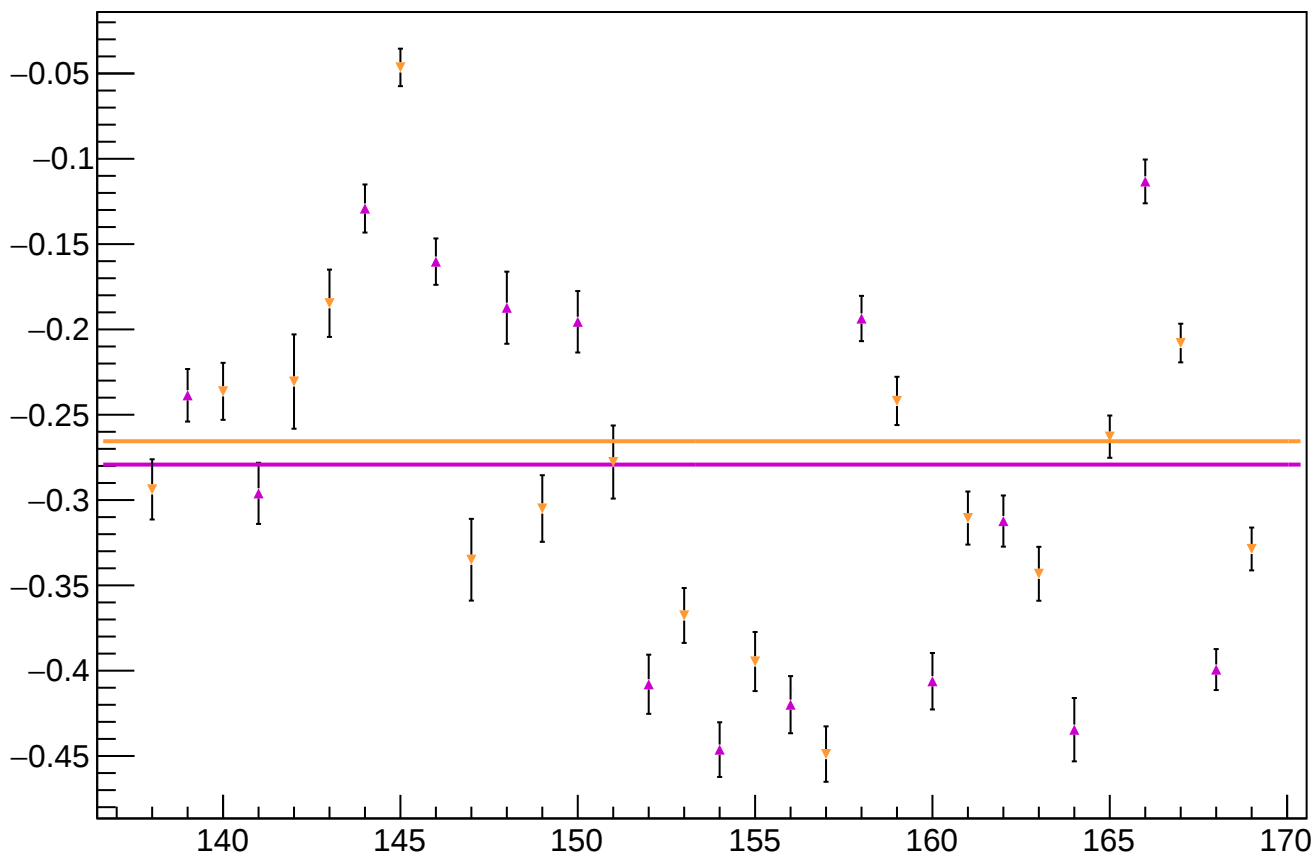
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

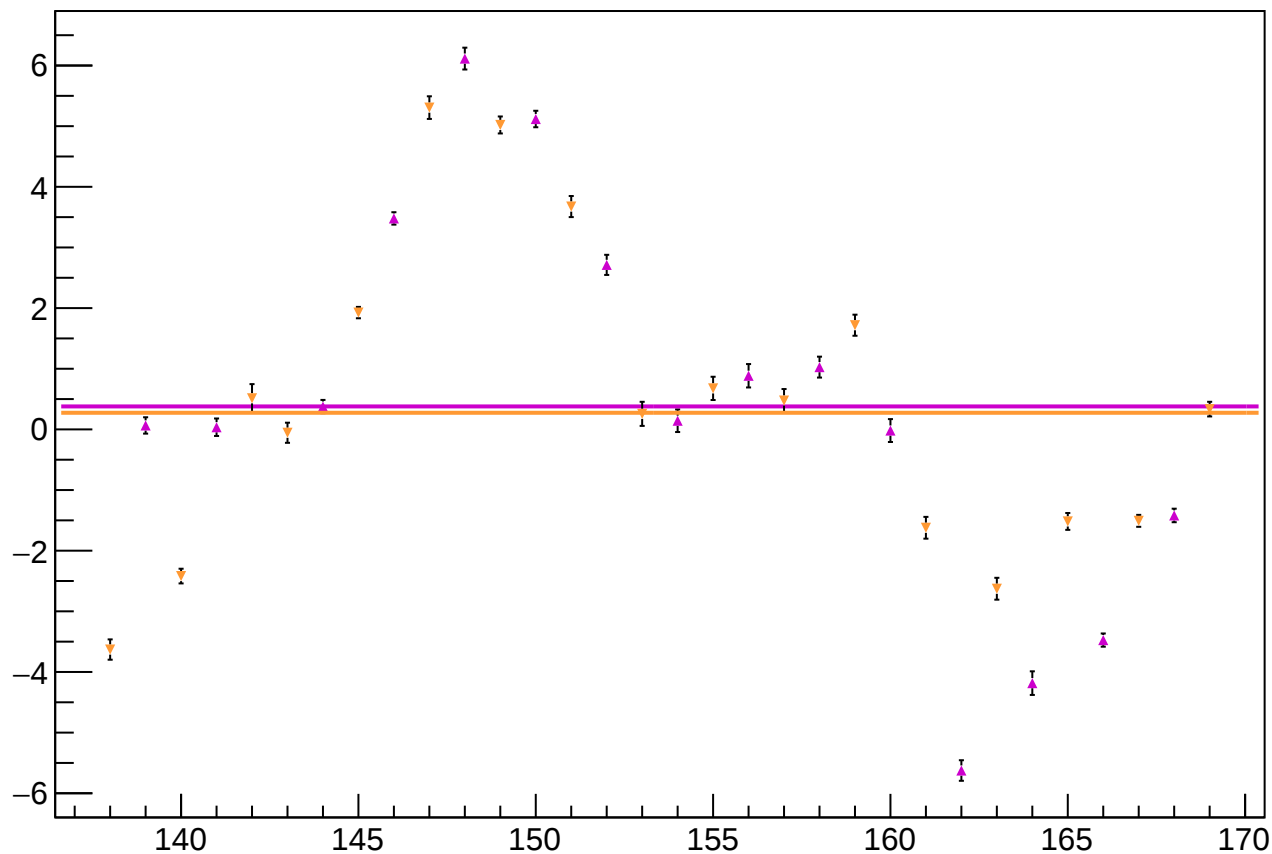
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.266 $\pm$ 0.004 χ^2 /NDF:744.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.279 $\pm$ 0.004 χ^2 /NDF:915.3/14

Left: -0.272 $\pm$ 0.003 χ^2 /NDF: 1665.9/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.279 $\pm$ 0.004 χ^2 /NDF:915.3/14
 Out: -0.266 $\pm$ 0.004 χ^2 /NDF:744.3/16
 All: -0.272 $\pm$ 0.003 χ^2 /NDF: 1665.9/31

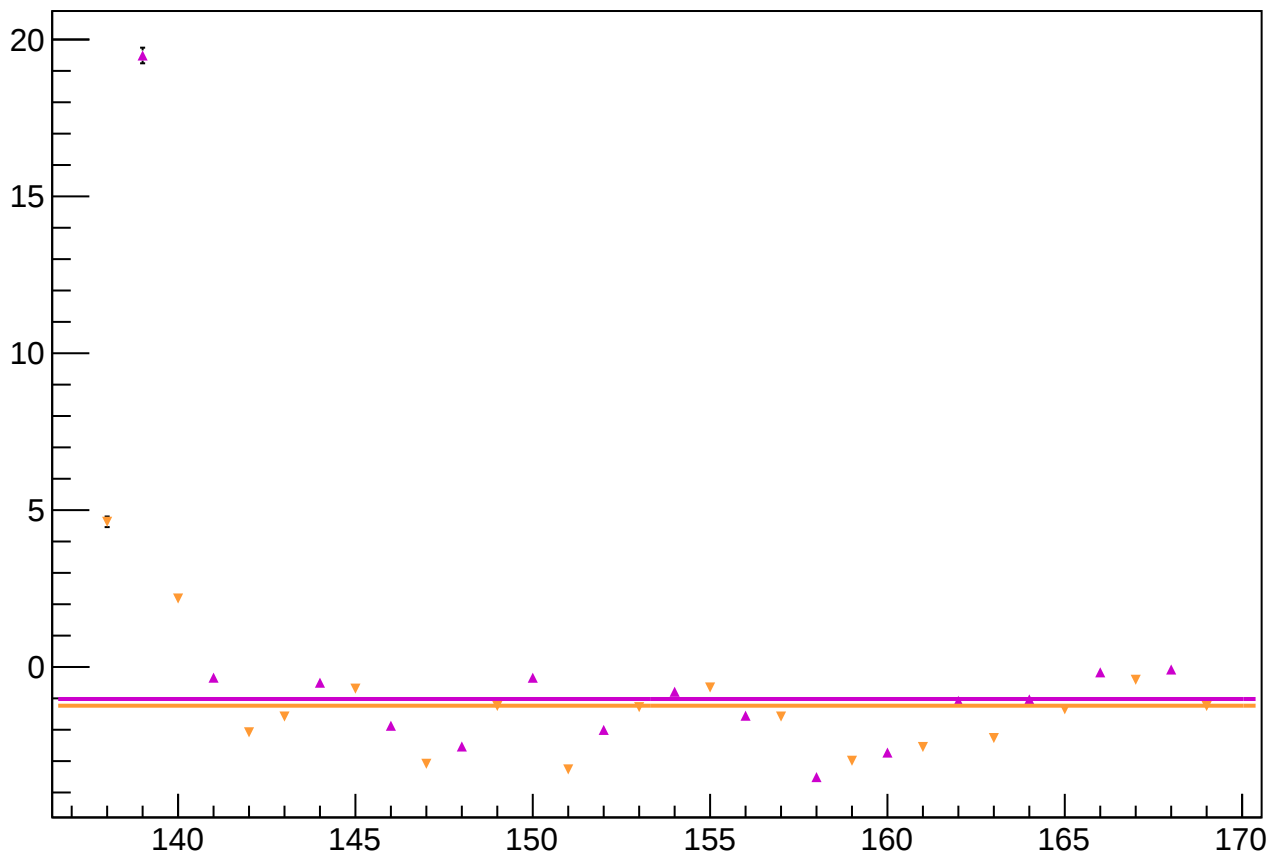
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

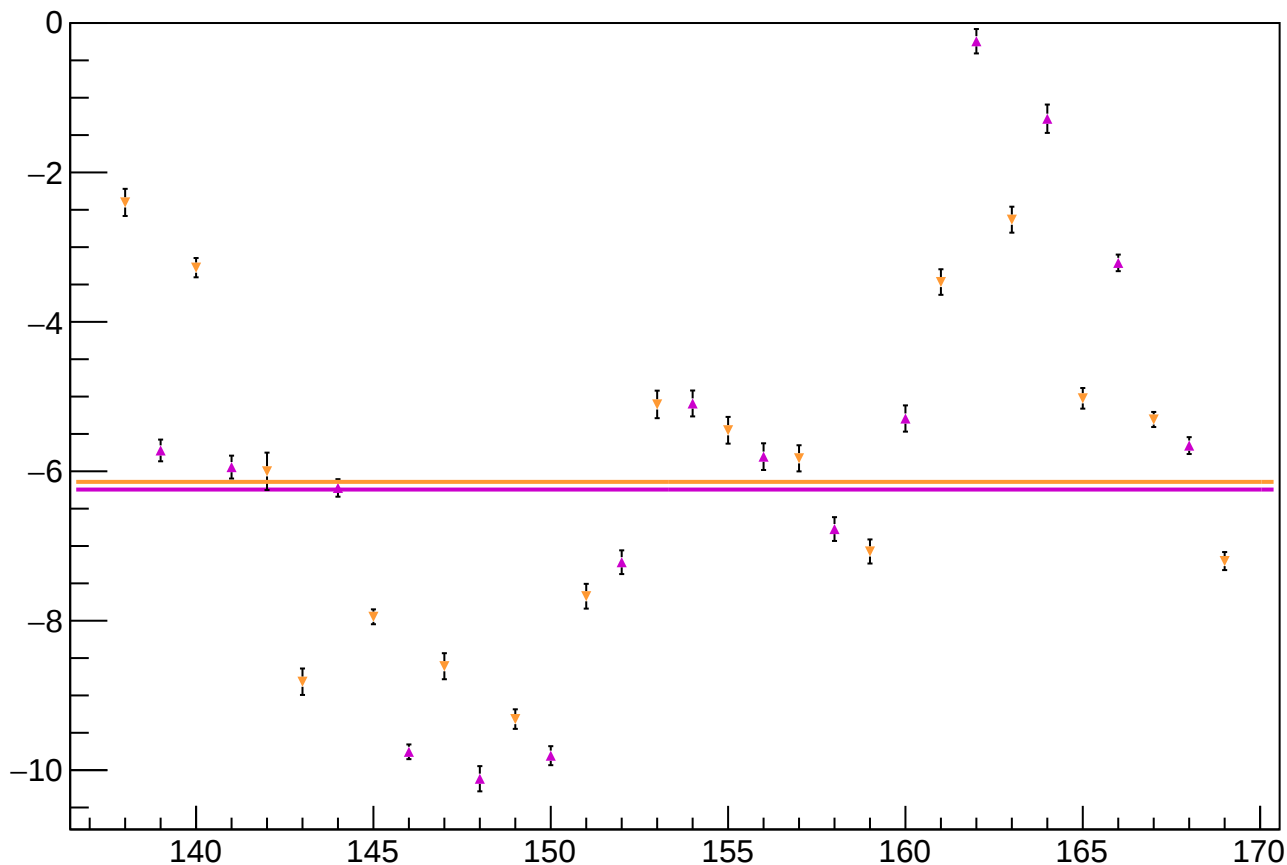
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

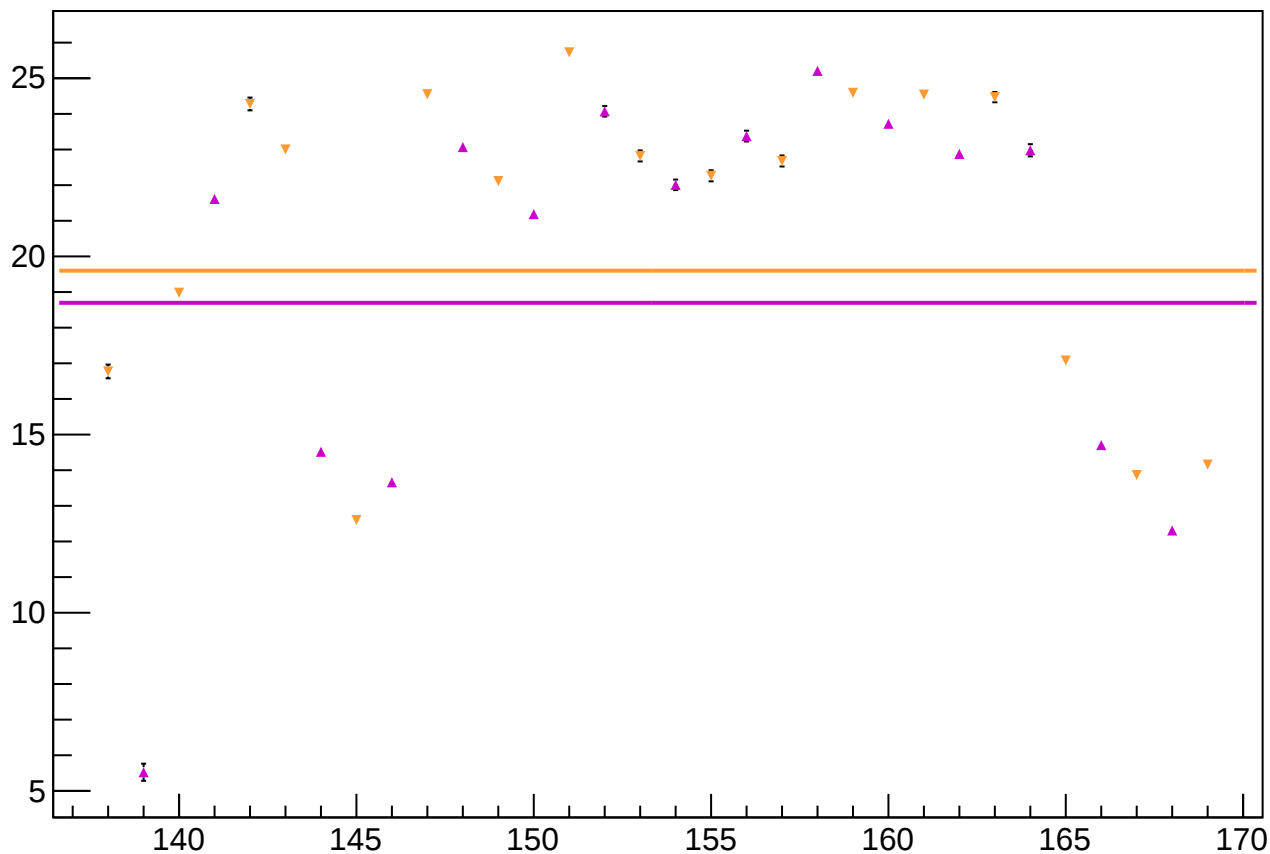
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

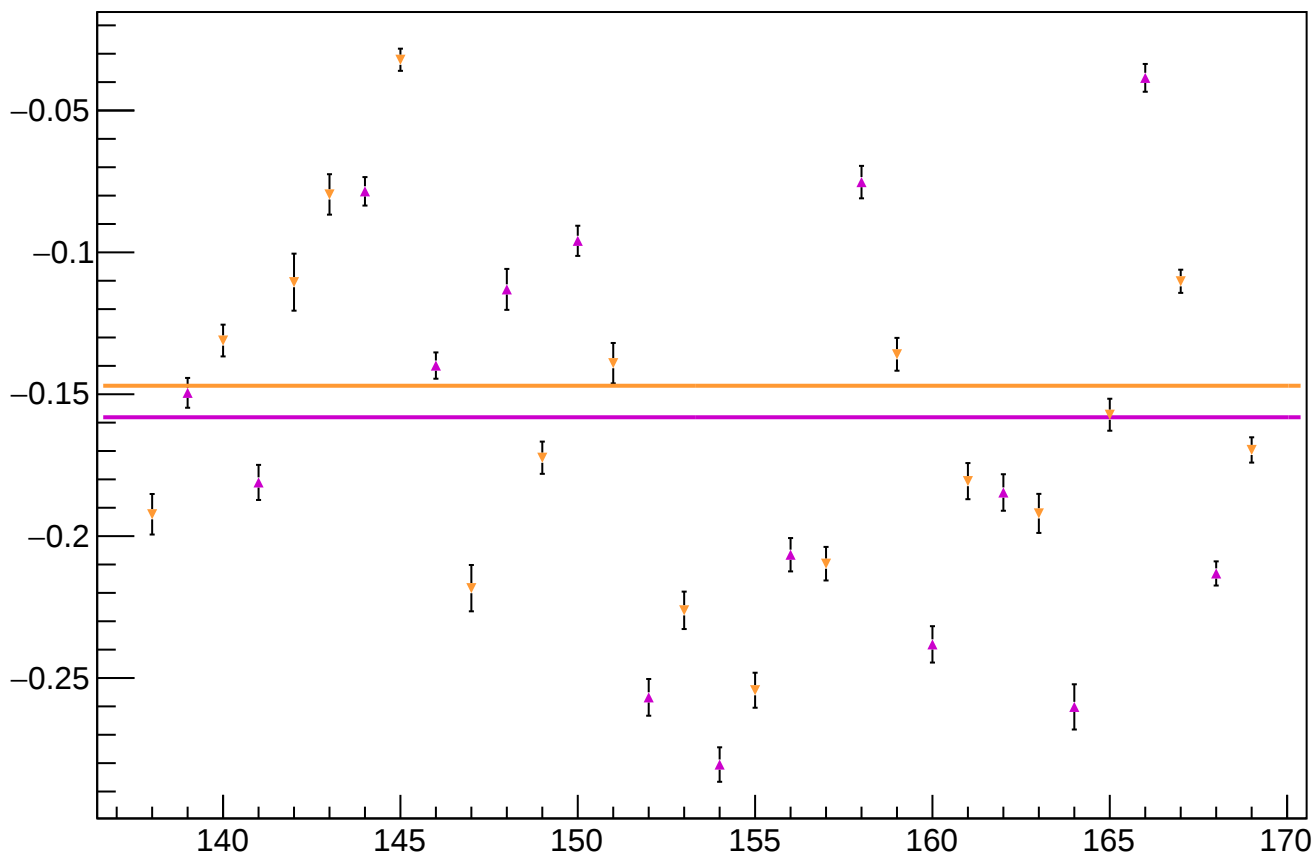
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

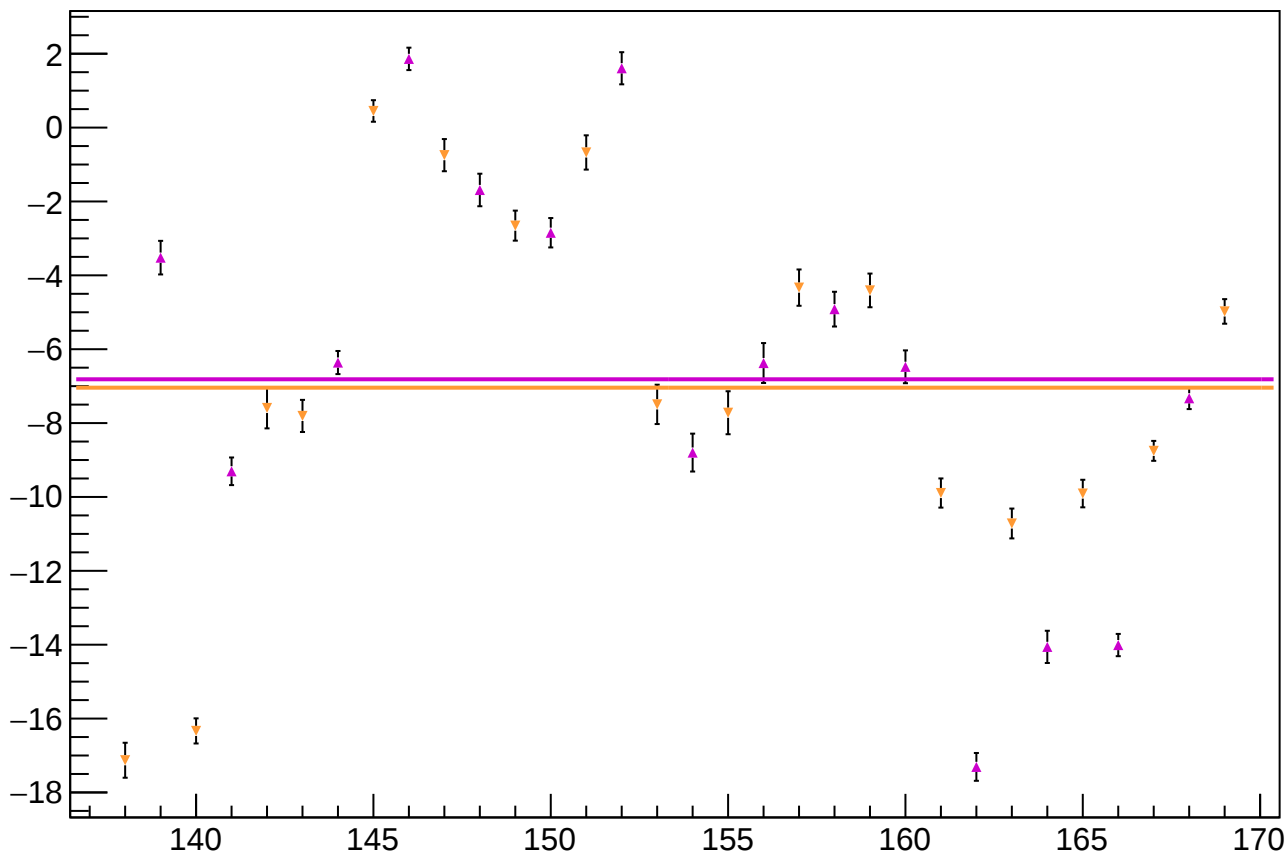
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

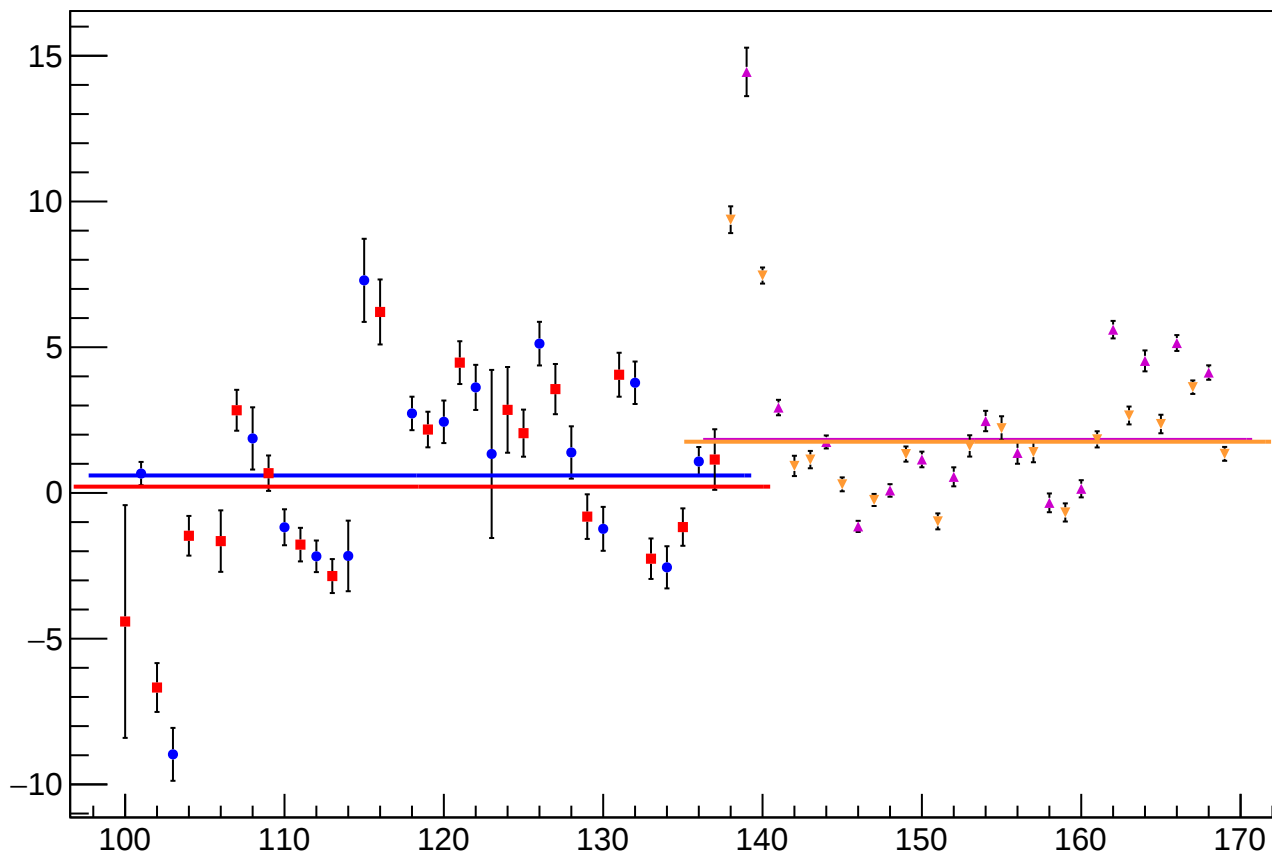
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.041 ± 0.097 $\chi^2/\text{NDF}: 2715.3/16$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.814 ± 0.099 $\chi^2/\text{NDF}: 3183.2/14$

Left: -6.931 ± 0.069 $\chi^2/\text{NDF}: 5901.2/31$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -6.814 ± 0.099 $\chi^2/\text{NDF}: 3183.2/14$
 Out: -7.041 ± 0.097 $\chi^2/\text{NDF}: 2715.3/16$
 All: -6.931 ± 0.069 $\chi^2/\text{NDF}: 5901.2/31$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 1.758 $\pm$ 0.069 χ^2 /NDF:1087.6/16

Right Out: 0.216 $\pm$ 0.175 χ^2 /NDF: 274.5/18

Left In: 1.820 $\pm$ 0.072 χ^2 /NDF:1109.5/14

Left: 1.788 $\pm$ 0.050 χ^2 /NDF: 2197.5/31

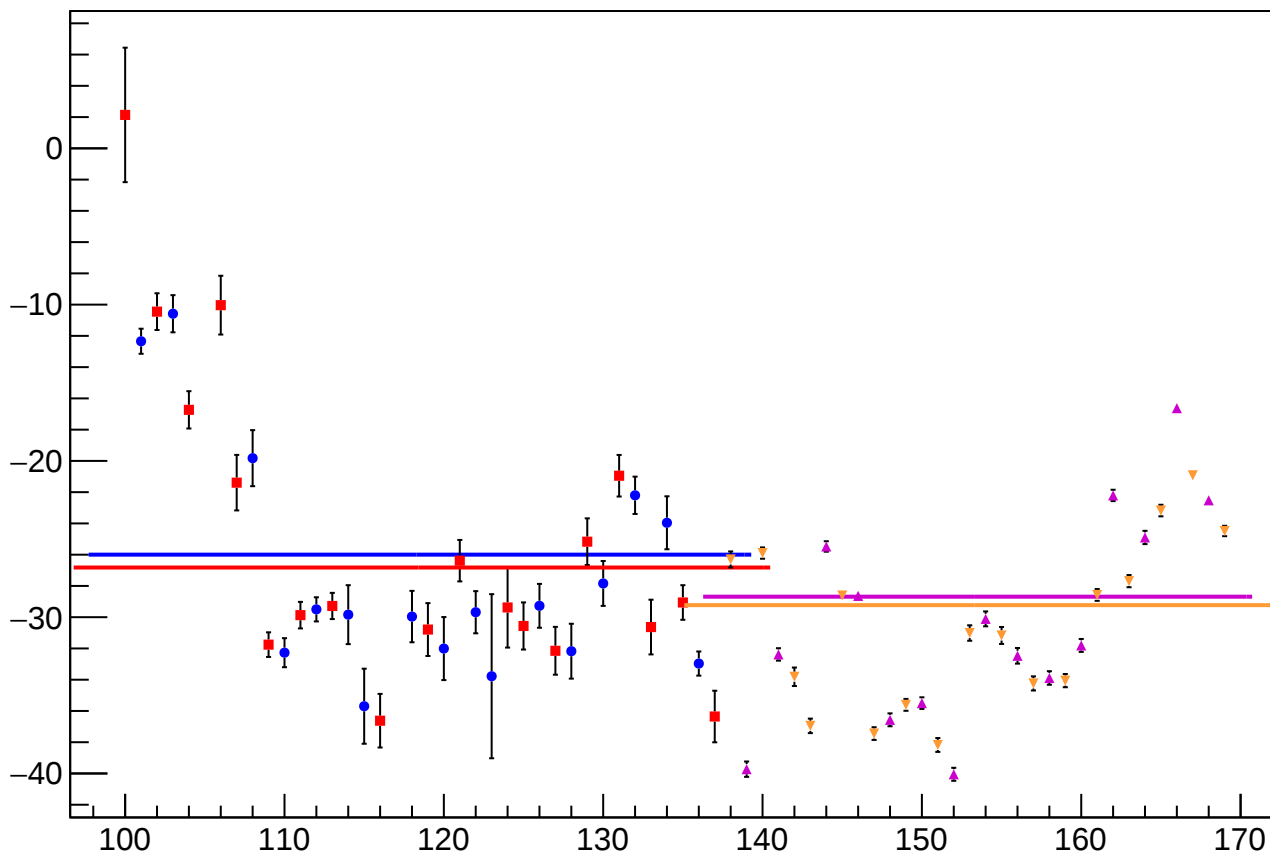
Right: 0.414 $\pm$ 0.122 χ^2 /NDF: 568.9/35

In: 1.633 $\pm$ 0.066 χ^2 /NDF:1445.4/31

Out: 1.548 $\pm$ 0.064 χ^2 /NDF:1429.5/35

All: 1.589 $\pm$ 0.046 χ^2 /NDF: 2875.8/67

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: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -28.688 ± 0.098 χ^2/NDF : 4765.3/14

Left: -28.963 ± 0.069 χ^2/NDF : 8008.3/31

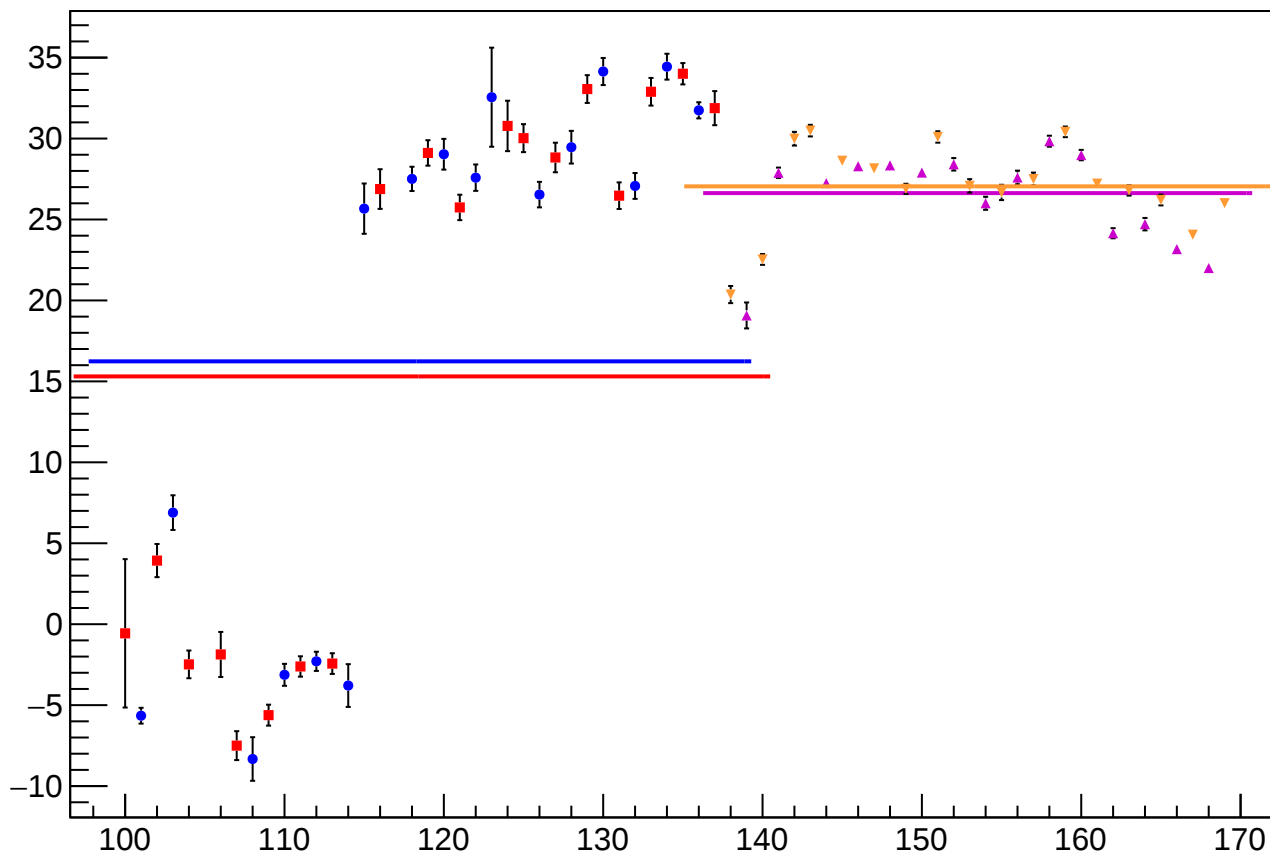
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -28.430 ± 0.093 χ^2/NDF : 5530.5/31

Out: -29.002 ± 0.091 χ^2/NDF : 3867.7/35

All: -28.721 ± 0.065 χ^2/NDF : 9417.4/67

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: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

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

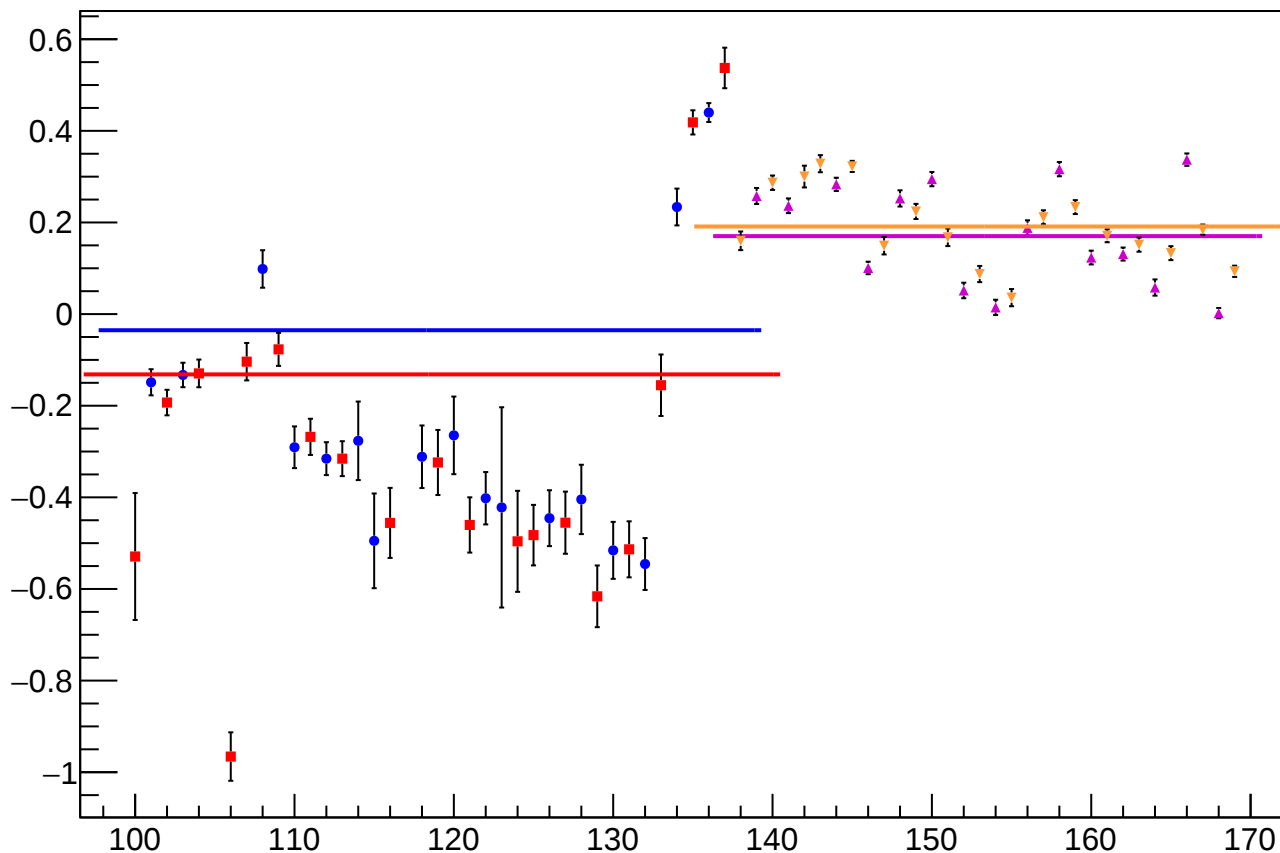
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.955 $\pm$ 0.077 χ^2 /NDF:10918.0/31

Out: 25.372 $\pm$ 0.074 χ^2 /NDF:11193.2/35

All: 25.170 $\pm$ 0.053 χ^2 /NDF: 22126.4/67

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: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.170 ± 0.004 χ^2/NDF : 873.5/14

Left: 0.181 ± 0.003 χ^2/NDF : 1329.0/31

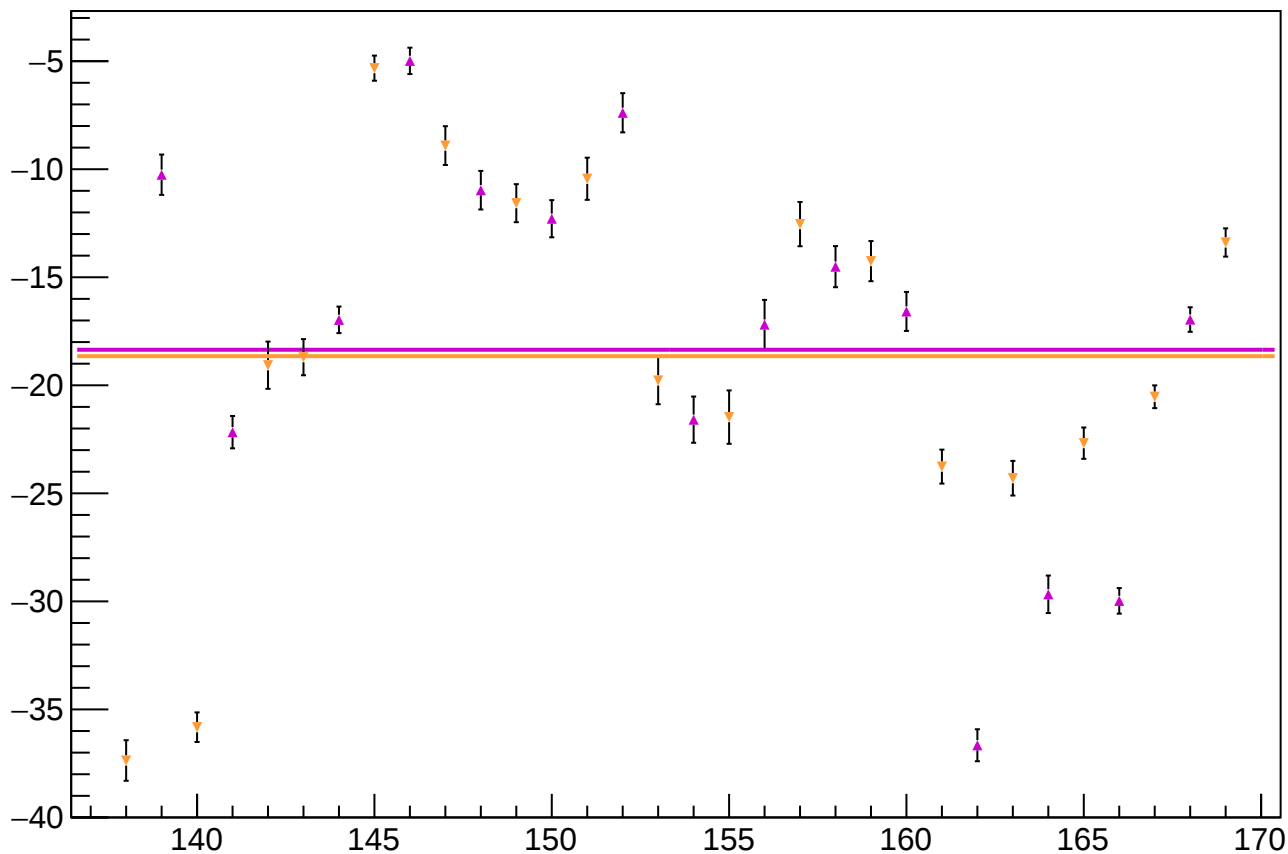
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.144 ± 0.004 χ^2/NDF : 2233.3/31

Out: 0.153 ± 0.004 χ^2/NDF : 2467.2/35

All: 0.149 ± 0.003 χ^2/NDF : 4703.5/67

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

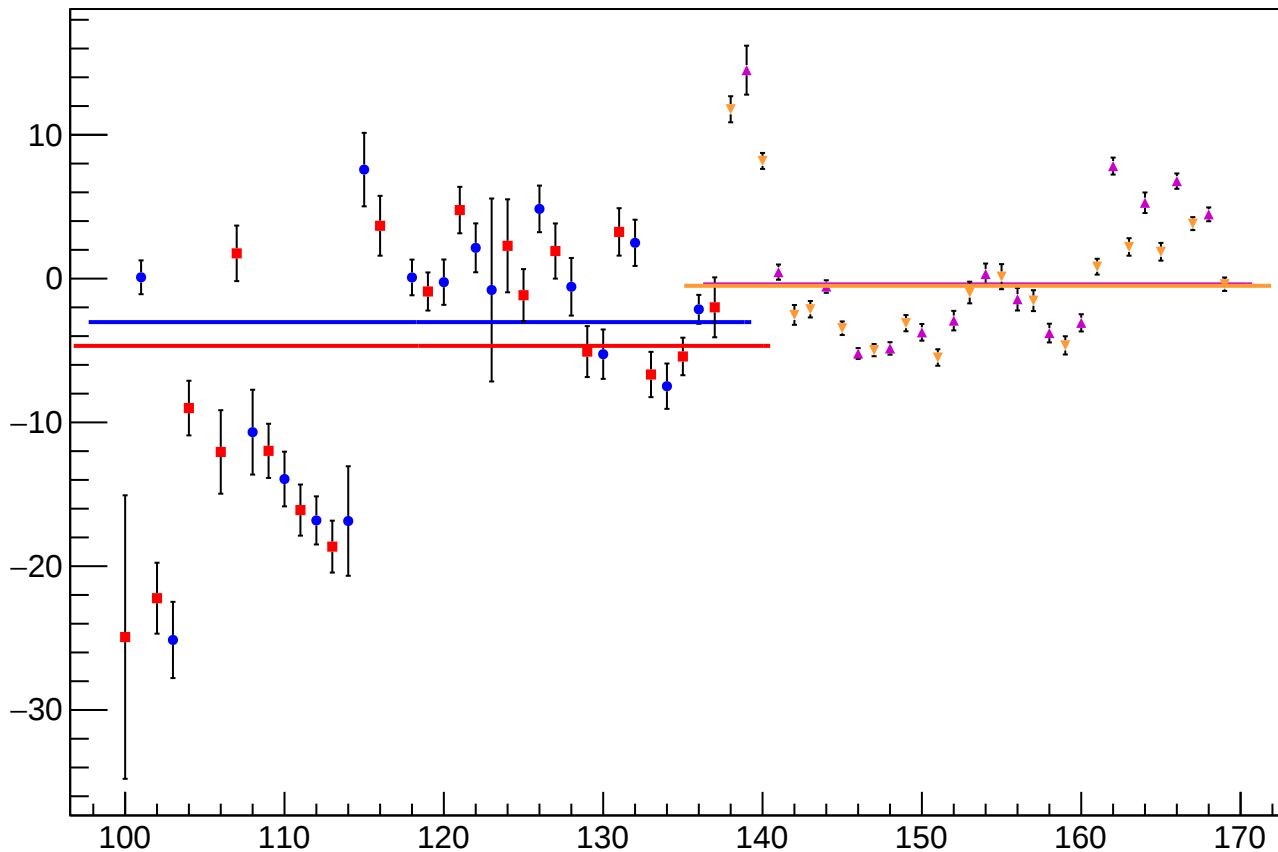
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -0.402 ± 0.144 χ^2/NDF : 984.0/14

Left: -0.453 ± 0.100 χ^2/NDF : 1853.0/31

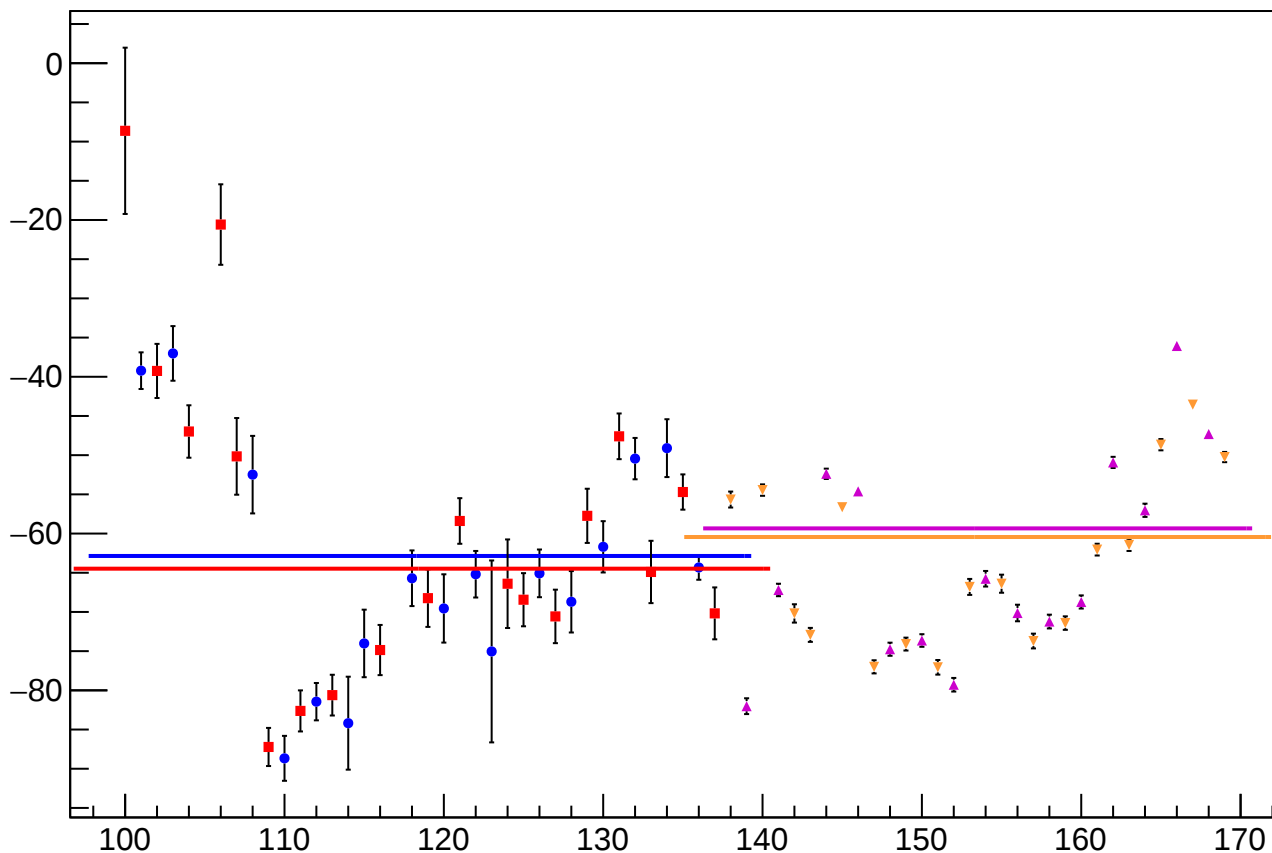
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.694 ± 0.136 χ^2/NDF : 1301.3/31

Out: -0.906 ± 0.133 χ^2/NDF : 1254.6/35

All: -0.803 ± 0.095 χ^2/NDF : 2557.1/67

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: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -59.341 ± 0.197 $\chi^2/\text{NDF}: 4494.5/14$

Left: -59.902 ± 0.138 $\chi^2/\text{NDF}: 7810.0/31$

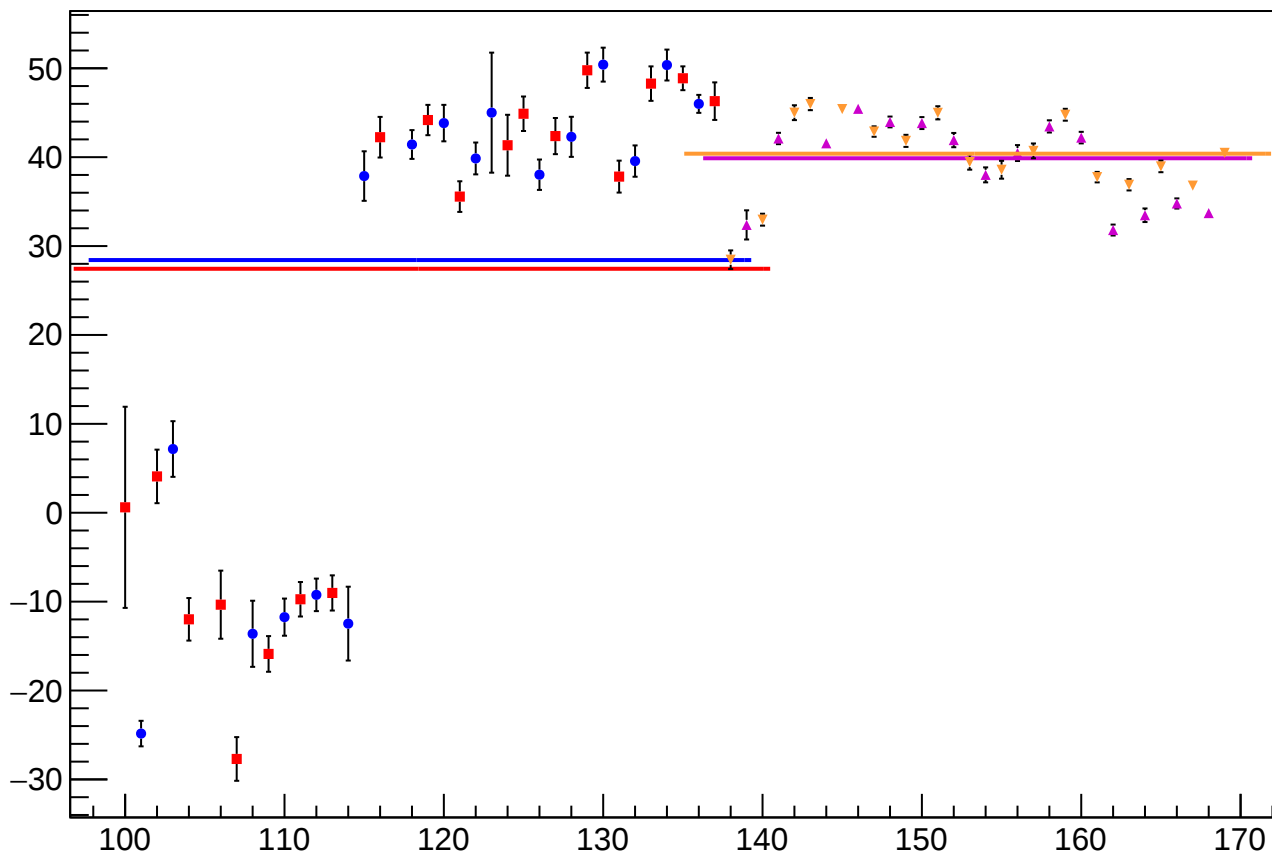
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -59.574 ± 0.190 $\chi^2/\text{NDF}: 4883.3/31$

Out: -60.691 ± 0.187 $\chi^2/\text{NDF}: 3770.7/35$

All: -60.142 ± 0.133 $\chi^2/\text{NDF}: 8671.6/67$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 40.392 $\pm$ 0.161 χ^2 /NDF:649.1/16

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 39.876 $\pm$ 0.169 χ^2 /NDF:755.4/14

Left: 40.145 $\pm$ 0.117 χ^2 /NDF: 1409.4/31

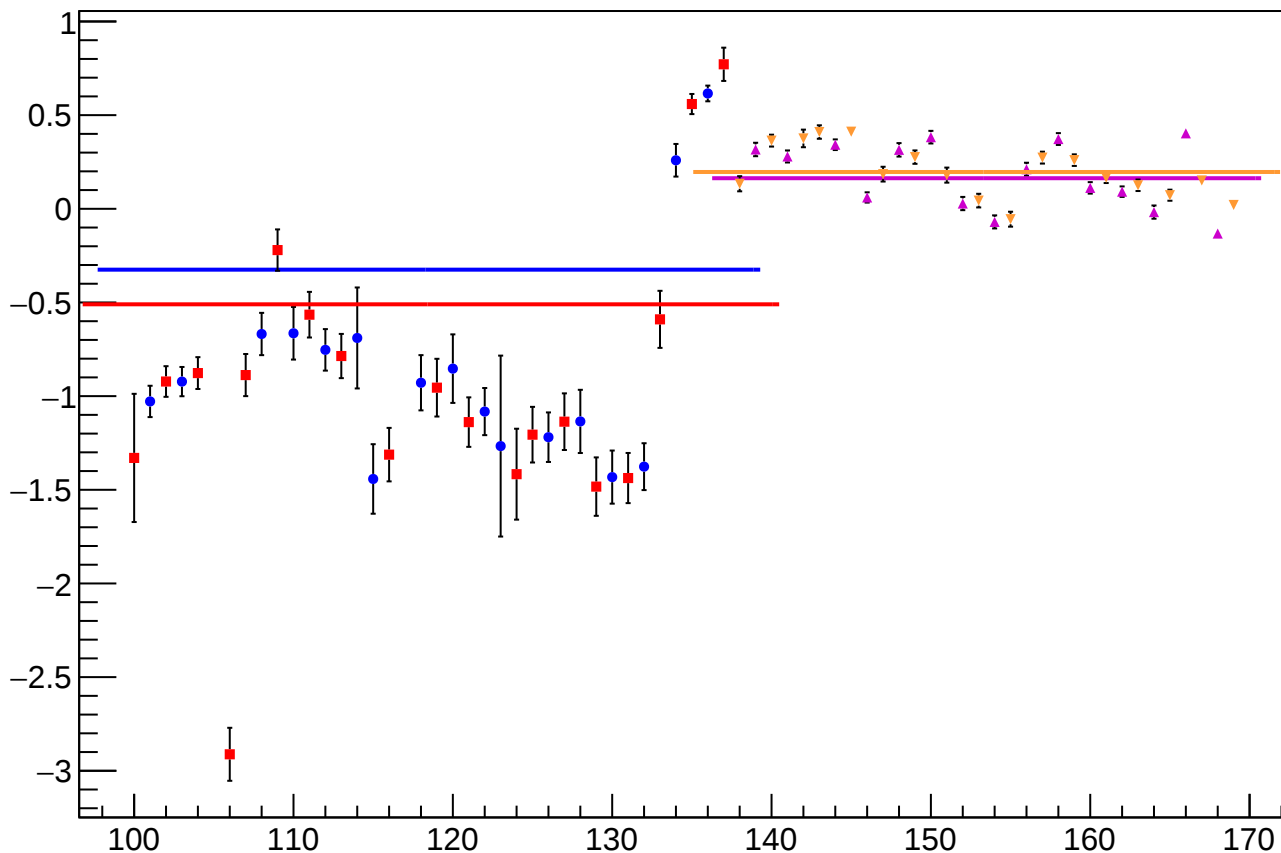
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.508 $\pm$ 0.158 χ^2 /NDF:4628.7/31

Out: 39.067 $\pm$ 0.153 χ^2 /NDF:4340.2/35

All: 38.797 $\pm$ 0.110 χ^2 /NDF: 8975.4/67

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: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.163 ± 0.008 χ^2/NDF : 552.0/14

Left: 0.181 ± 0.005 χ^2/NDF : 874.2/31

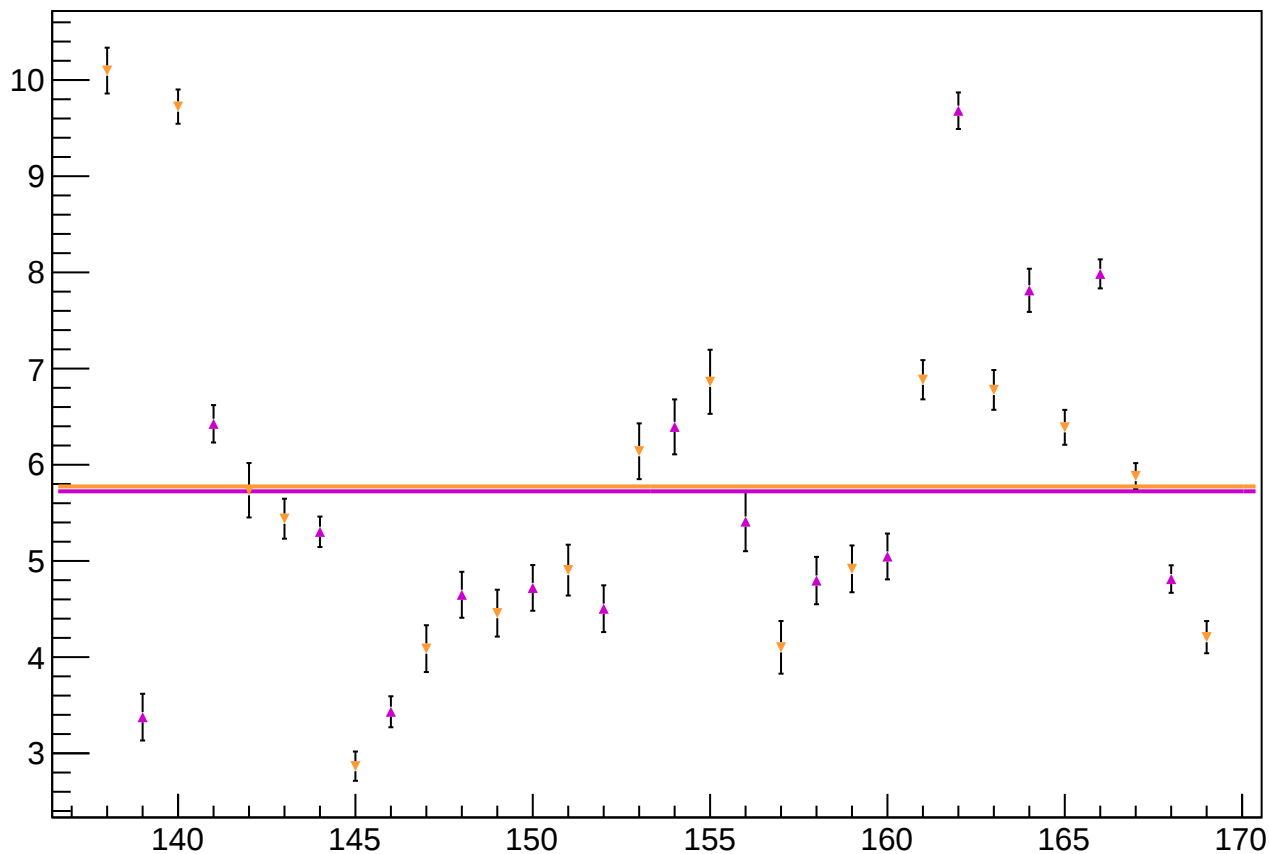
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.119 ± 0.008 χ^2/NDF : 1912.6/31

Out: 0.140 ± 0.007 χ^2/NDF : 2177.0/35

All: 0.130 ± 0.005 χ^2/NDF : 4093.6/67

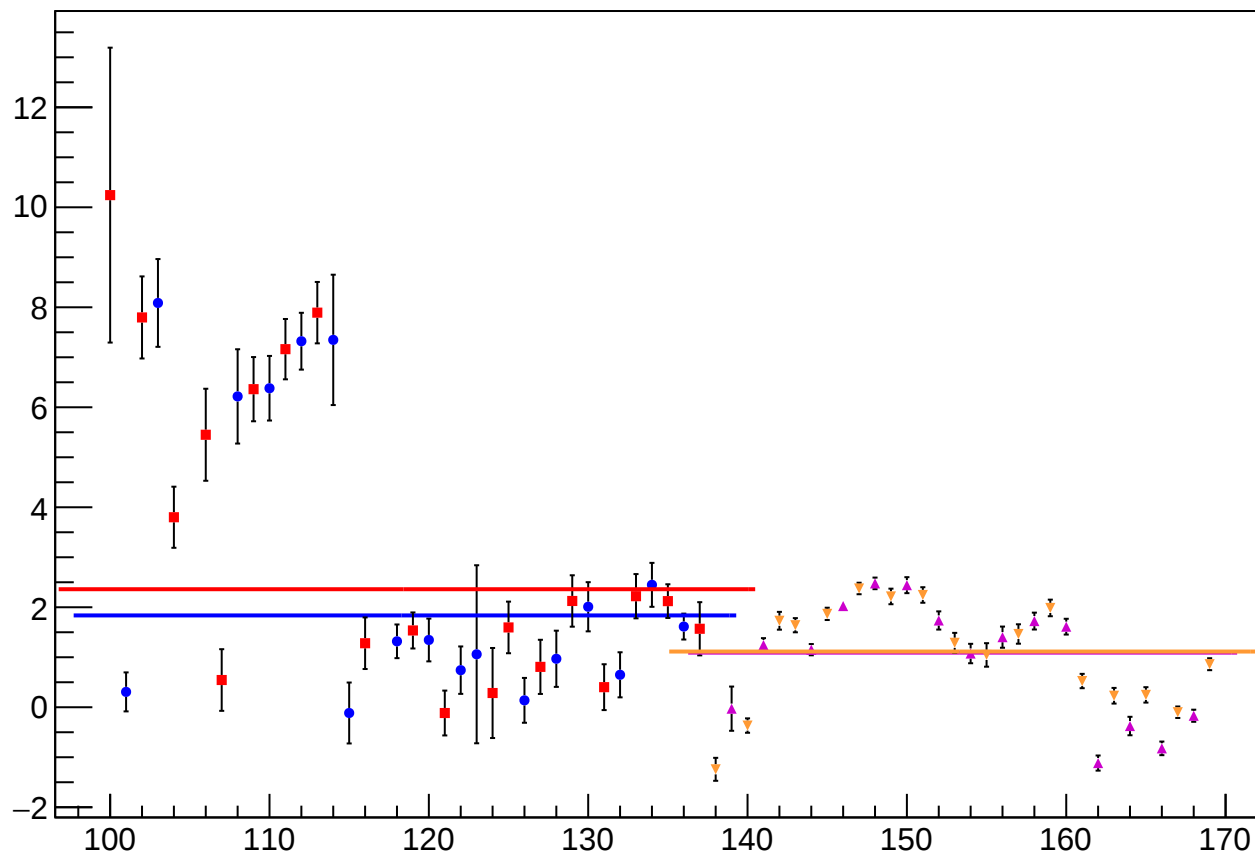
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.114 $\pm$ 0.036 χ^2 /NDF: 724.9/16

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.092 $\pm$ 0.038 χ^2 /NDF: 933.8/14

Left: 1.104 $\pm$ 0.026 χ^2 /NDF: 1658.9/31

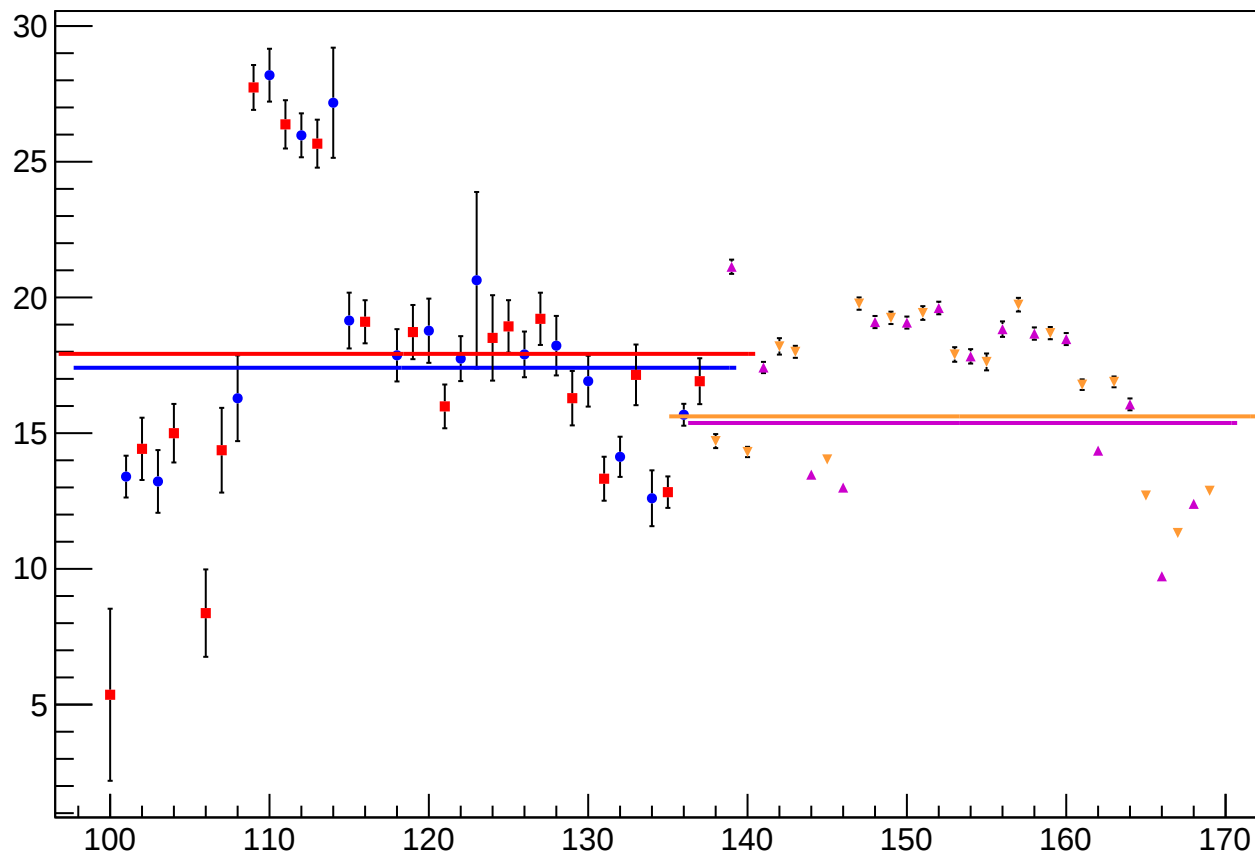
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.163 $\pm$ 0.036 χ^2 /NDF: 1265.1/31

Out: 1.215 $\pm$ 0.035 χ^2 /NDF: 1157.1/35

All: 1.190 $\pm$ 0.025 χ^2 /NDF: 2423.3/67

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: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

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

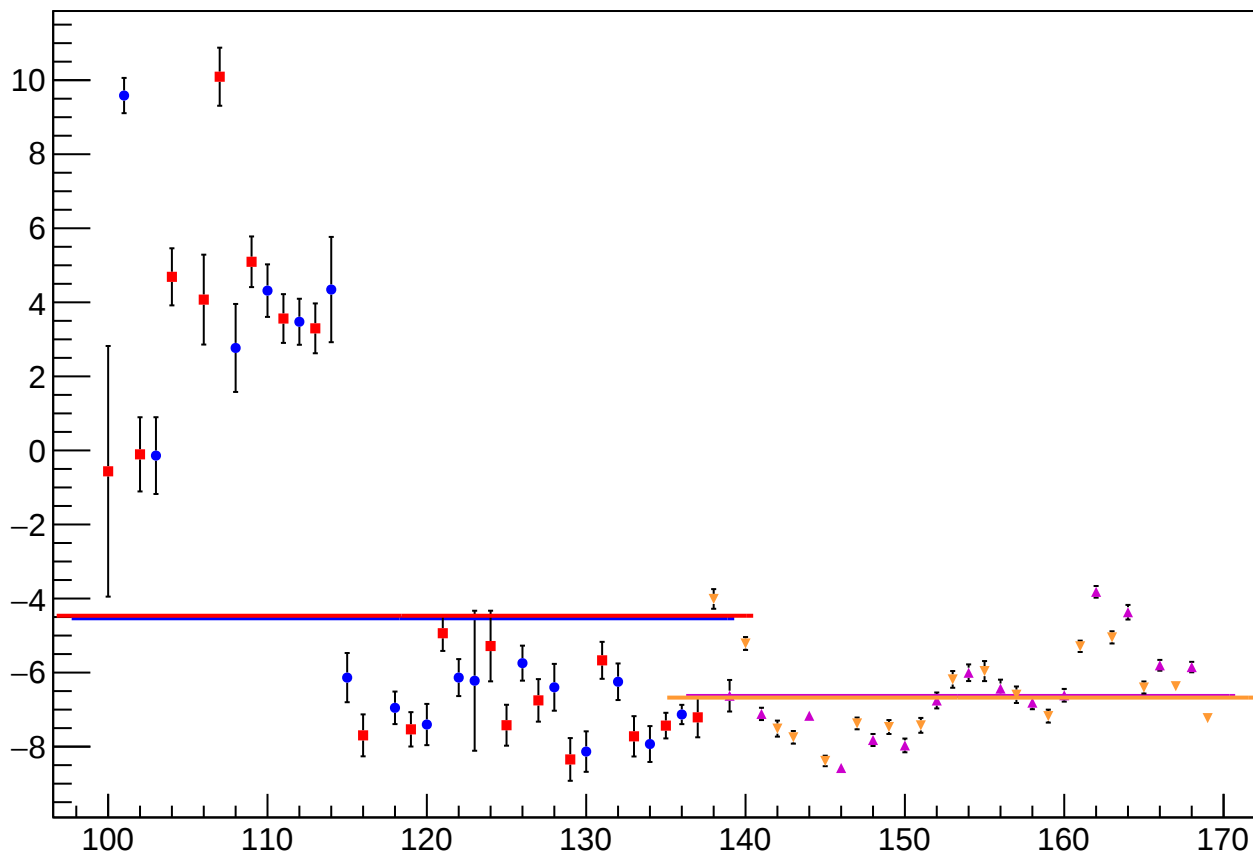
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 15.488 $\pm$ 0.050 χ^2 /NDF: 4730.7/31

Out: 15.733 $\pm$ 0.049 χ^2 /NDF: 3921.9/35

All: 15.613 $\pm$ 0.035 χ^2 /NDF: 8665.0/67

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 $\chi^2/\text{NDF}: 1588.4/16$

Left Out: -6.676 ± 0.042 $\chi^2/\text{NDF}: 646.3/16$

Right Out: -4.465 ± 0.137 $\chi^2/\text{NDF}: 1340.6/18$

Left In: -6.631 ± 0.044 $\chi^2/\text{NDF}: 897.0/14$

Left: -6.655 ± 0.030 $\chi^2/\text{NDF}: 1543.9/31$

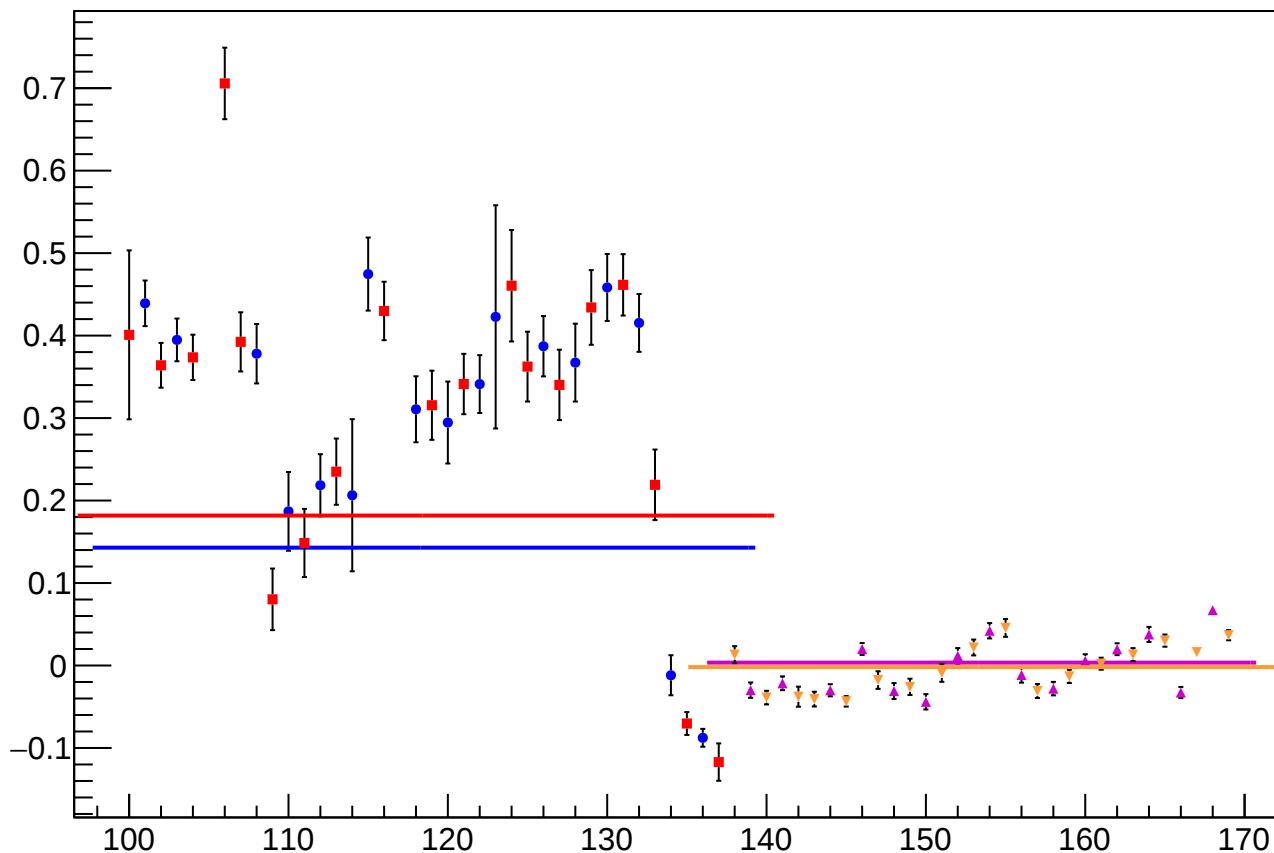
Right: -4.501 ± 0.094 $\chi^2/\text{NDF}: 2929.2/35$

In: -6.415 ± 0.042 $\chi^2/\text{NDF}: 2720.2/31$

Out: -6.485 ± 0.040 $\chi^2/\text{NDF}: 2225.7/35$

All: -6.451 ± 0.029 $\chi^2/\text{NDF}: 4947.4/67$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.002 $\pm$ 0.002 χ^2 /NDF:212.8/16

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.004 $\pm$ 0.002 χ^2 /NDF:304.3/14

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 520.8/31

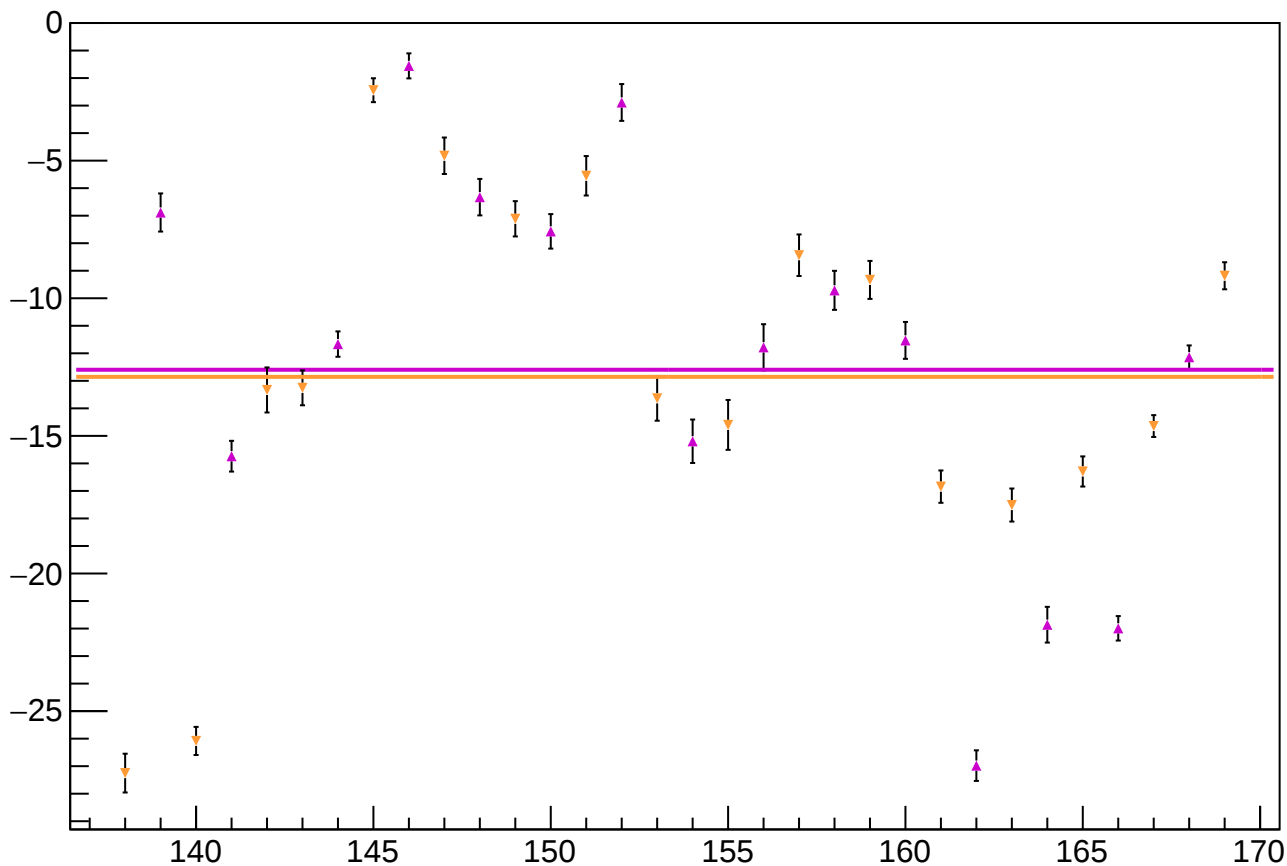
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.014 $\pm$ 0.002 χ^2 /NDF:1722.9/31

Out: 0.010 $\pm$ 0.002 χ^2 /NDF:1798.8/35

All: 0.012 $\pm$ 0.001 χ^2 /NDF: 3523.9/67

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

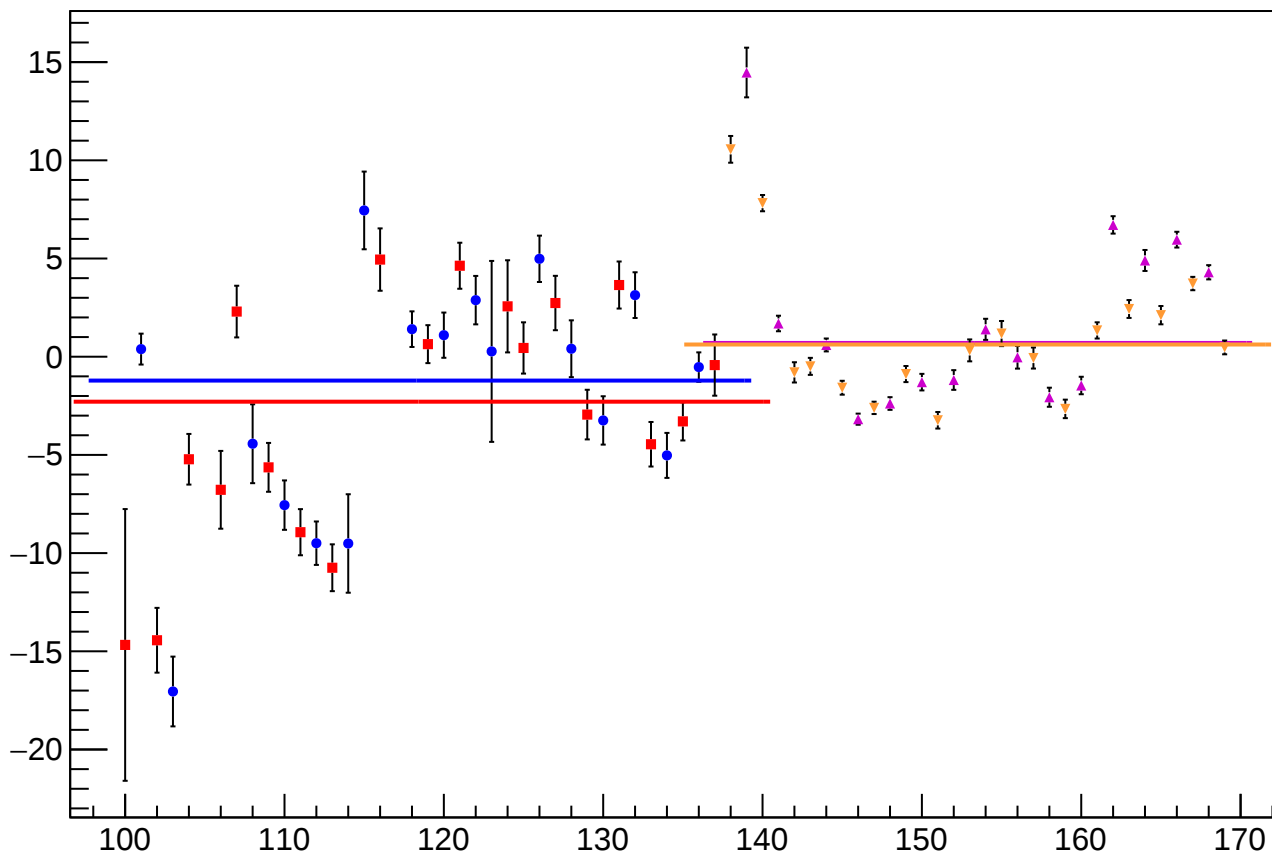
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 0.701 ± 0.108 χ^2/NDF : 1016.4/14

Left: 0.660 ± 0.075 χ^2/NDF : 1950.7/31

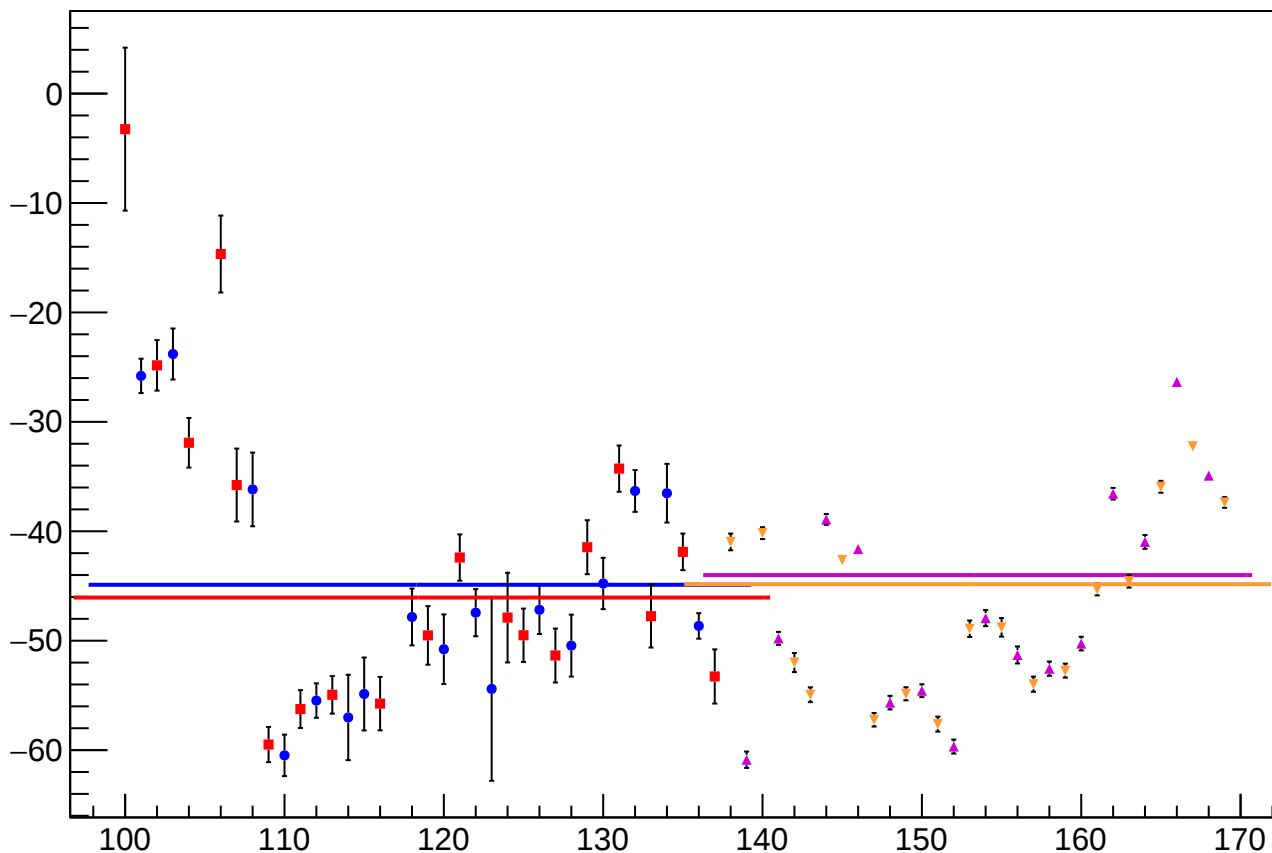
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.469 ± 0.101 χ^2/NDF : 1333.4/31

Out: 0.313 ± 0.098 χ^2/NDF : 1304.2/35

All: 0.389 ± 0.070 χ^2/NDF : 2638.8/67

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: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -44.004 ± 0.147 χ^2/NDF : 4579.7/14

Left: -44.428 ± 0.103 χ^2/NDF : 7878.4/31

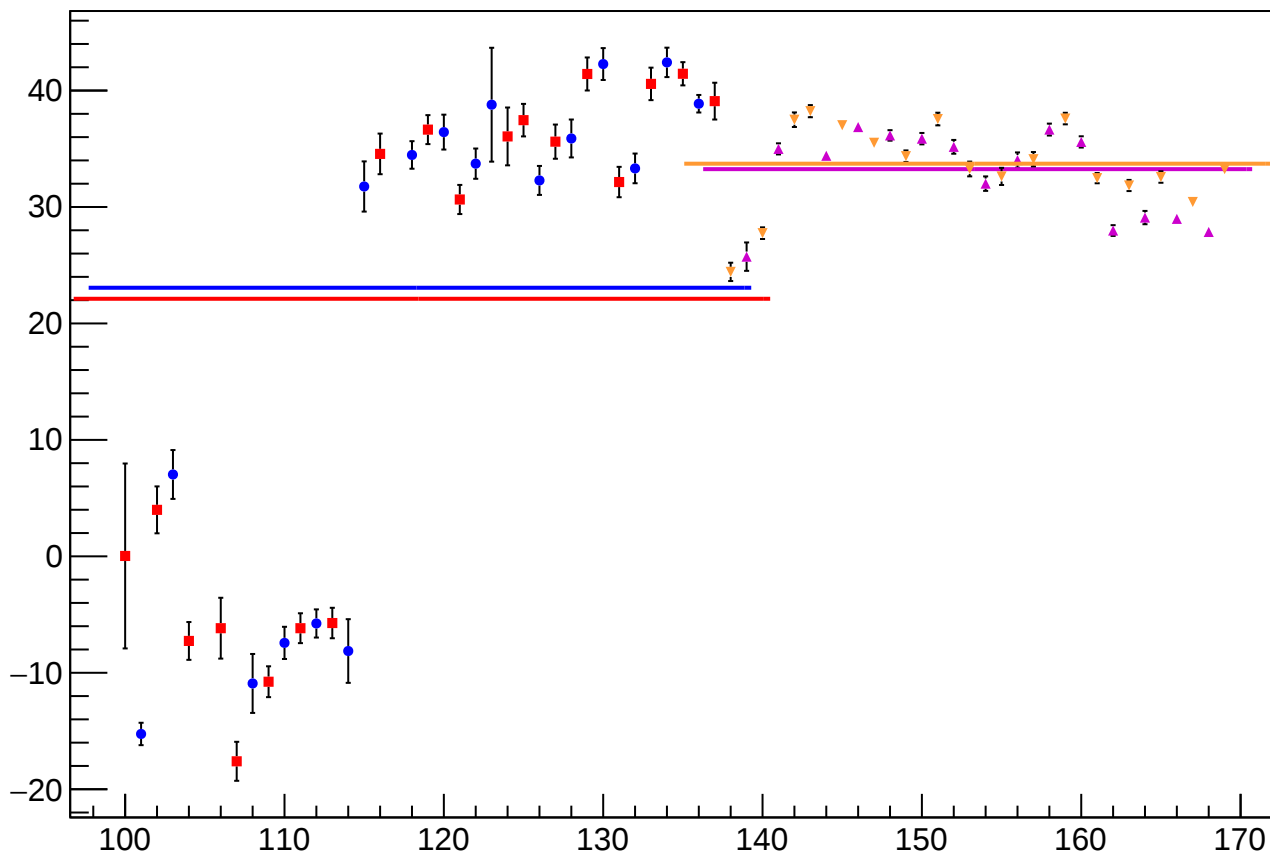
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -44.069 ± 0.141 χ^2/NDF : 5002.8/31

Out: -44.920 ± 0.139 χ^2/NDF : 3741.1/35

All: -44.501 ± 0.099 χ^2/NDF : 8762.3/67

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: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

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

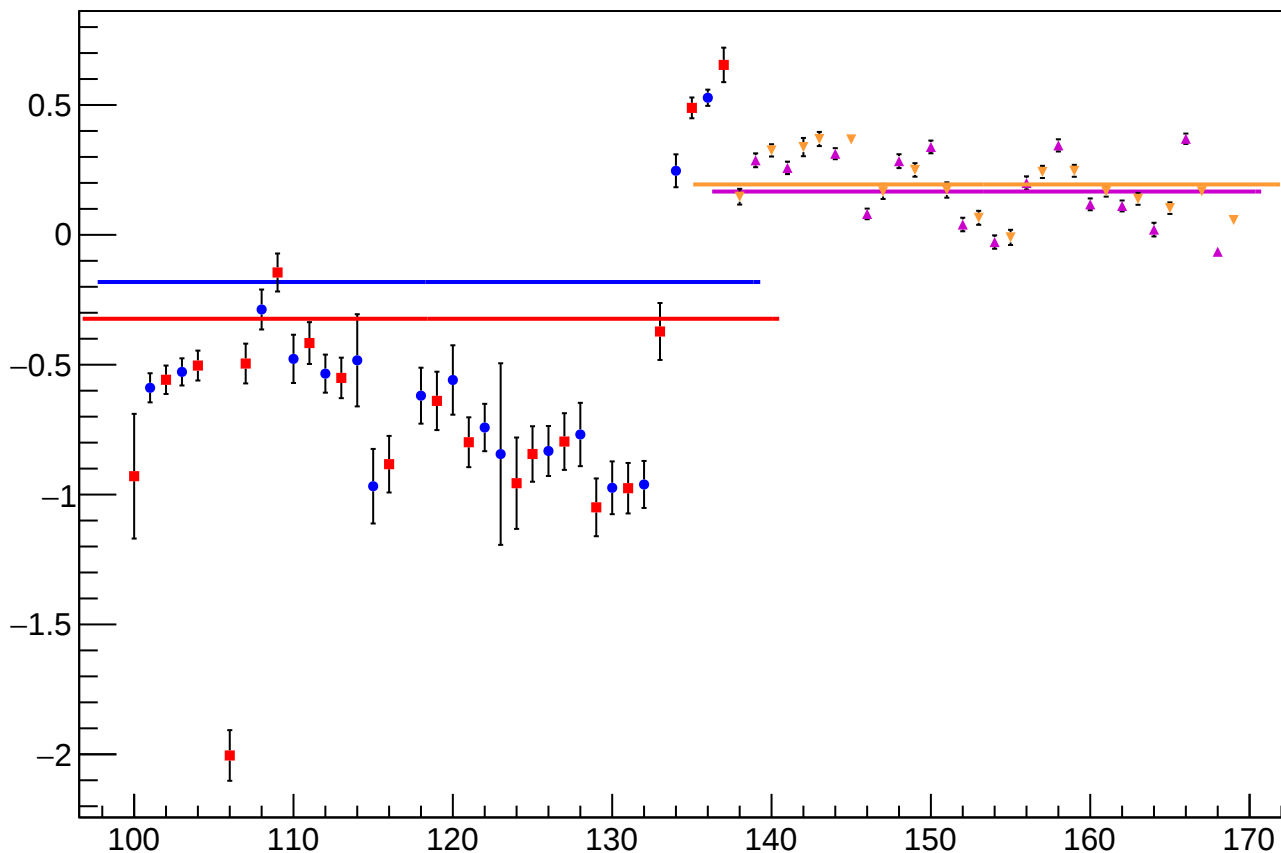
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 31.935 $\pm$ 0.117 χ^2 /NDF:5942.3/31

Out: 32.424 $\pm$ 0.114 χ^2 /NDF:5768.2/35

All: 32.188 $\pm$ 0.082 χ^2 /NDF: 11719.5/67

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 $\pm$ 0.018 χ^2 /NDF: 996.9/16

Left Out: 0.194 $\pm$ 0.006 χ^2 /NDF:353.5/16

Right Out: -0.323 $\pm$ 0.018 χ^2 /NDF: 1183.9/18

Left In: 0.167 $\pm$ 0.006 χ^2 /NDF:653.3/14

Left: 0.181 $\pm$ 0.004 χ^2 /NDF: 1018.0/31

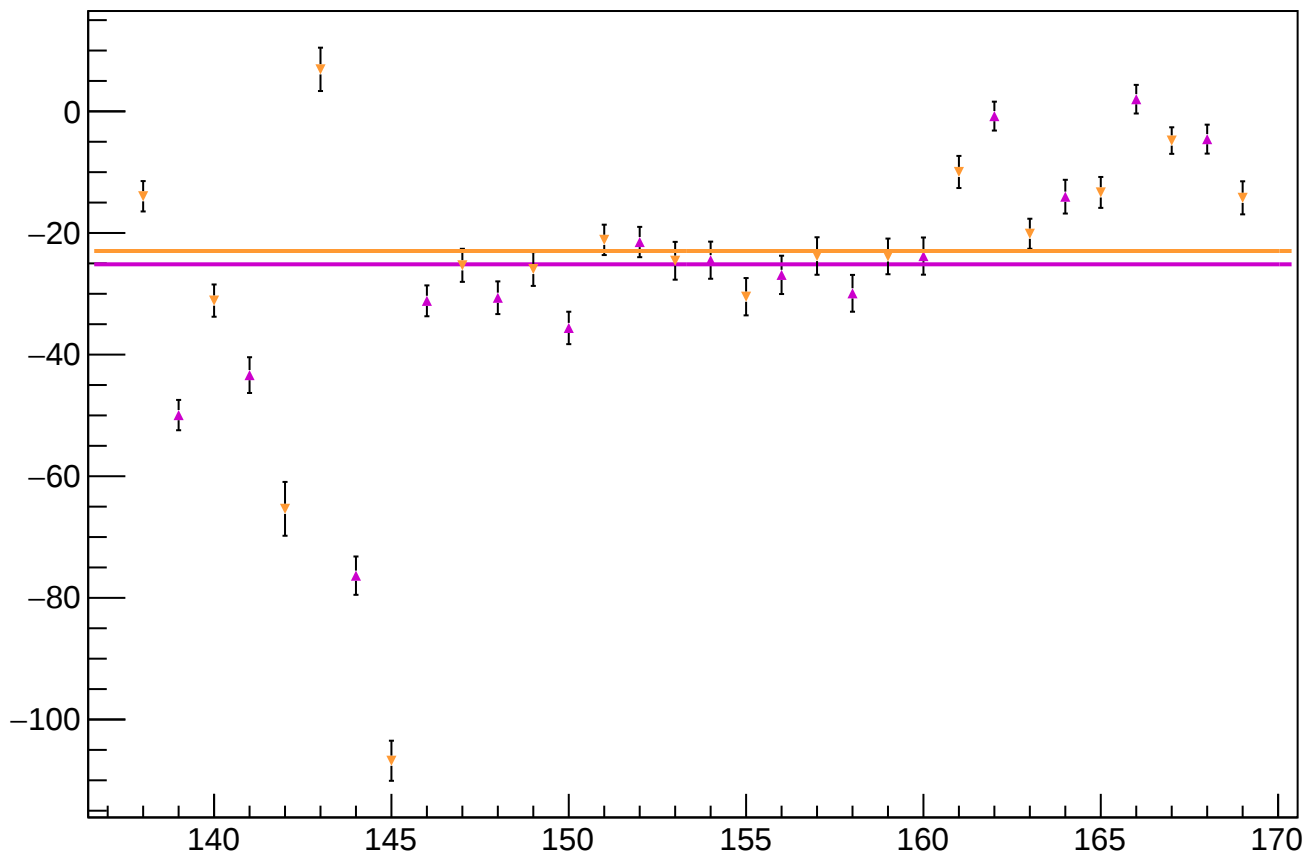
Right: -0.251 $\pm$ 0.013 χ^2 /NDF: 2211.9/35

In: 0.132 $\pm$ 0.006 χ^2 /NDF:1997.6/31

Out: 0.148 $\pm$ 0.005 χ^2 /NDF:2276.6/35

All: 0.141 $\pm$ 0.004 χ^2 /NDF: 4278.3/67

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



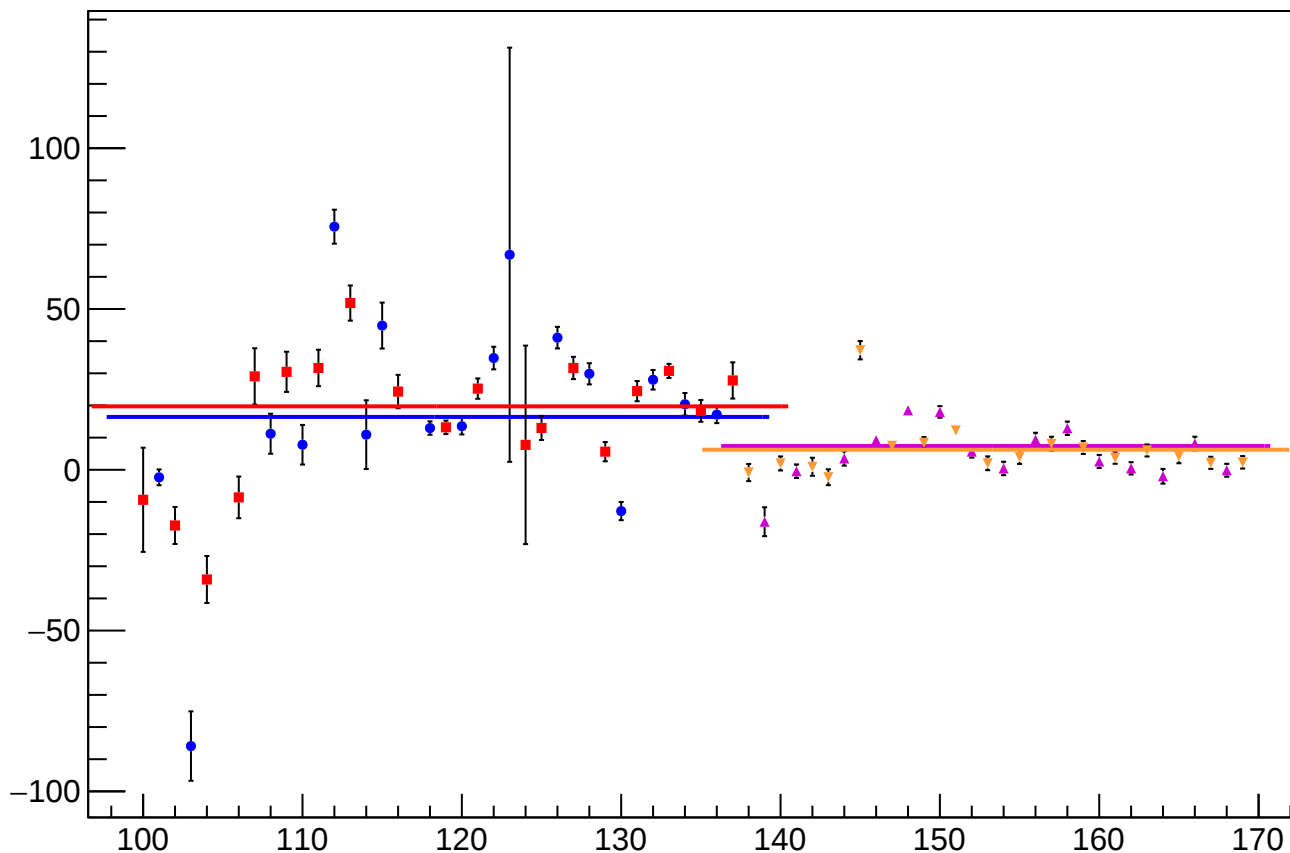
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -22.963 ± 0.676 χ^2/NDF : 959.1/16
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -25.152 ± 0.697 χ^2/NDF : 760.5/14

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: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: 7.378 ± 0.504 $\chi^2/\text{NDF}: 221.4/14$

Left: 6.780 ± 0.347 $\chi^2/\text{NDF}: 405.2/31$

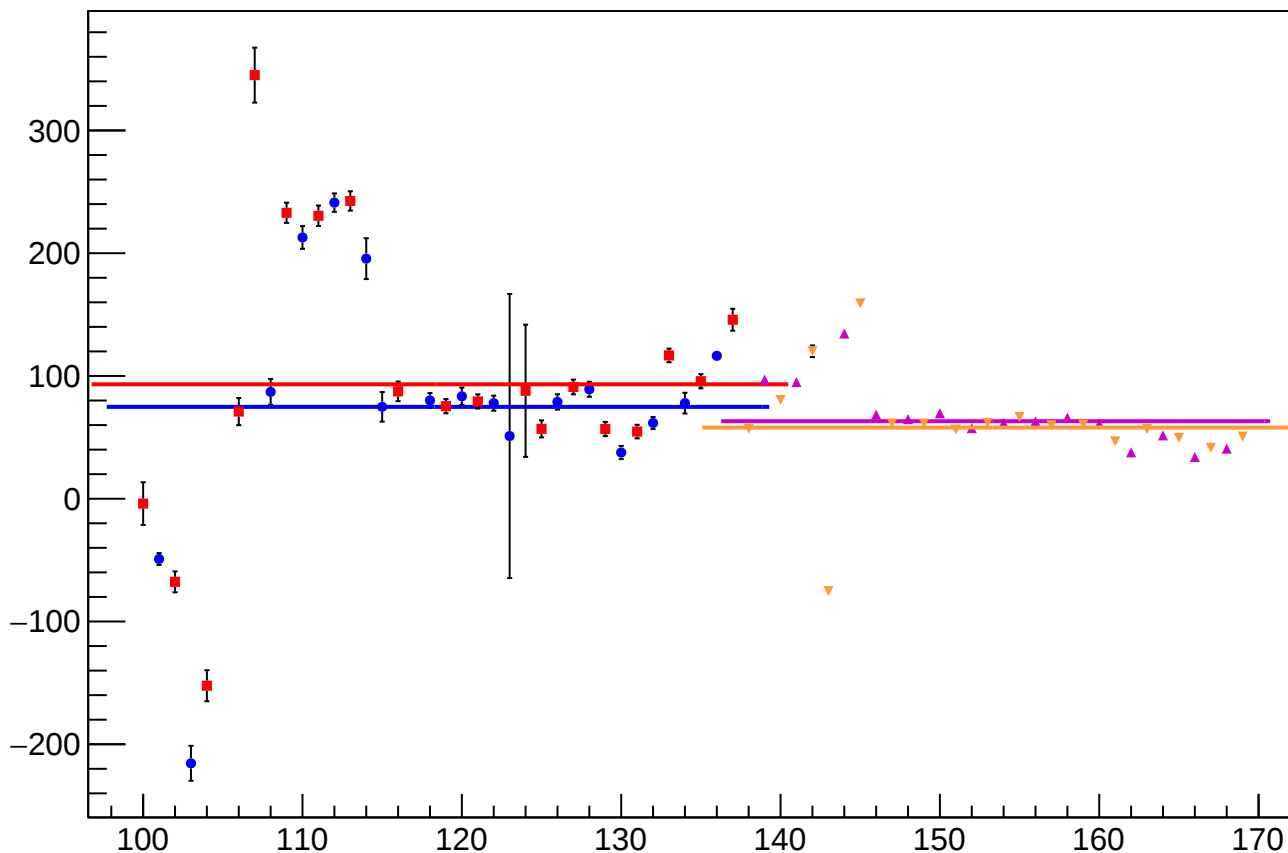
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 9.741 ± 0.433 $\chi^2/\text{NDF}: 822.7/31$

Out: 9.218 ± 0.422 $\chi^2/\text{NDF}: 598.5/35$

All: 9.472 ± 0.302 $\chi^2/\text{NDF}: 1422.0/67$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 $\chi^2/\text{NDF}: 1996.8/16$

Left Out: 57.985 ± 0.664 $\chi^2/\text{NDF}: 2444.9/16$

Right Out: 93.202 ± 1.712 $\chi^2/\text{NDF}: 2000.7/18$

Left In: 63.167 ± 0.681 $\chi^2/\text{NDF}: 1105.0/14$

Left: 60.513 ± 0.475 $\chi^2/\text{NDF}: 3579.5/31$

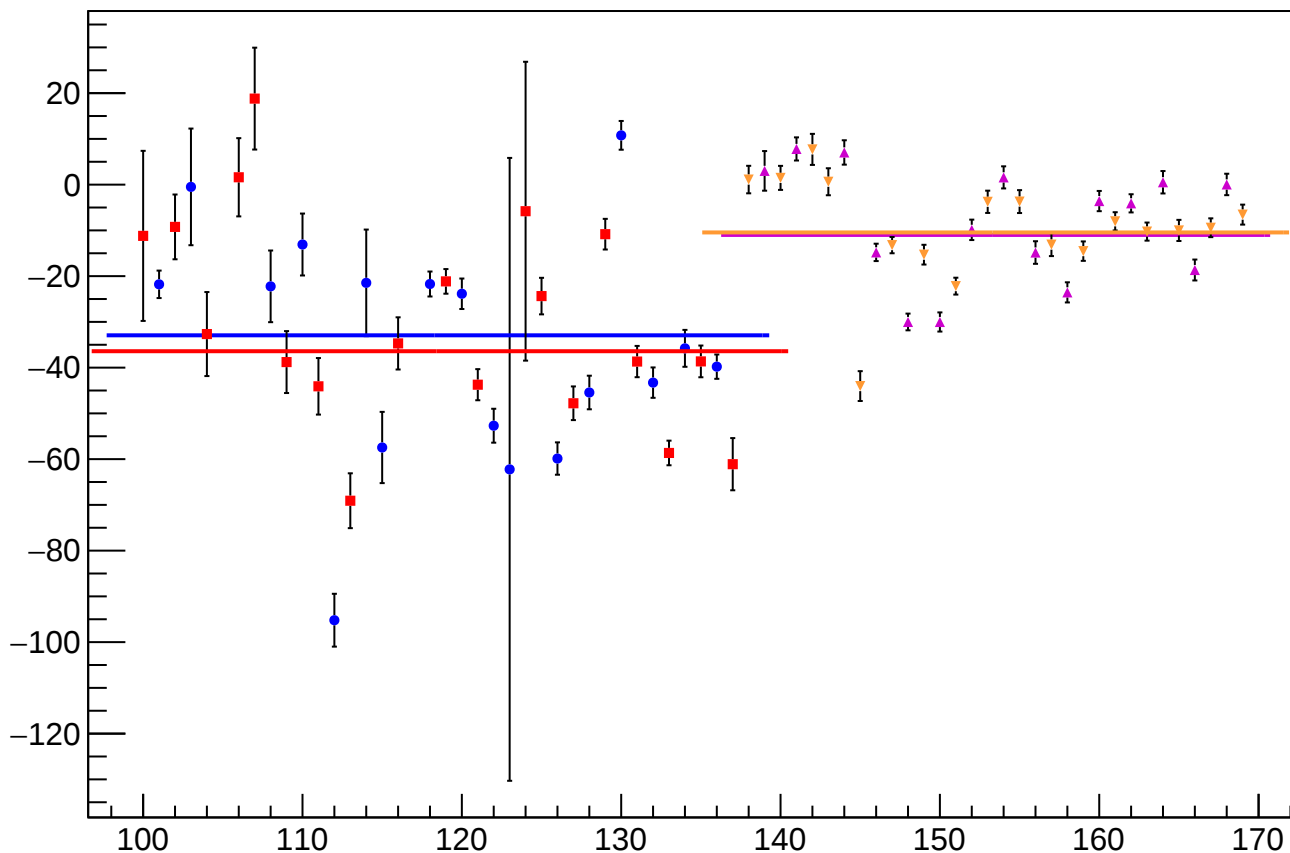
Right: 83.612 ± 1.184 $\chi^2/\text{NDF}: 4057.7/35$

In: 64.882 ± 0.629 $\chi^2/\text{NDF}: 3144.9/31$

Out: 62.597 ± 0.619 $\chi^2/\text{NDF}: 4813.5/35$

All: 63.723 ± 0.441 $\chi^2/\text{NDF}: 7965.1/67$

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: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -10.992 ± 0.588 χ^2/NDF : 447.8/14

Left: -10.705 ± 0.404 χ^2/NDF : 705.1/31

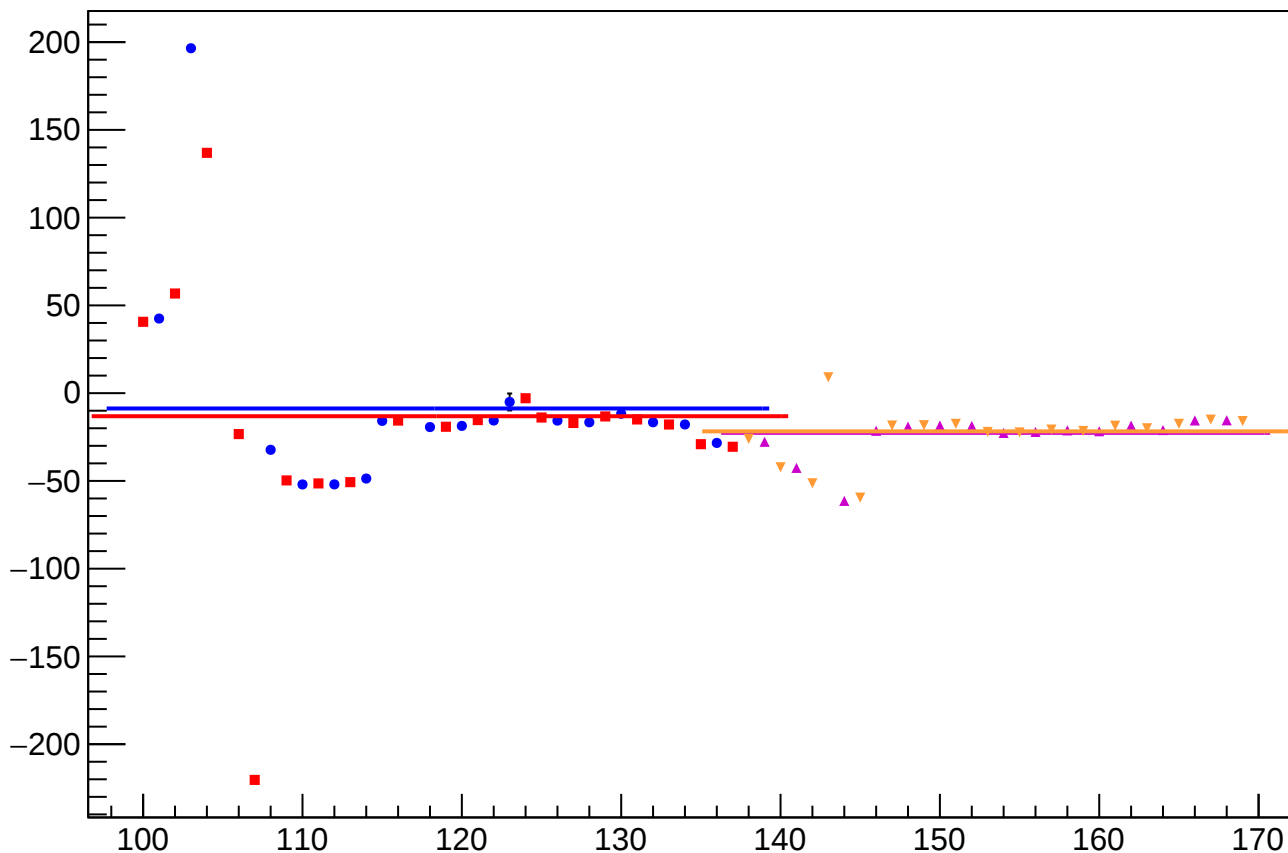
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -16.852 ± 0.503 χ^2/NDF : 1311.1/31

Out: -16.358 ± 0.489 χ^2/NDF : 1047.4/35

All: -16.599 ± 0.351 χ^2/NDF : 2358.9/67

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -21.759 ± 0.026 $\chi^2/\text{NDF}: 187937.8/16$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -22.612 ± 0.027 $\chi^2/\text{NDF}: 114435.7/14$

Left: -22.174 ± 0.019 $\chi^2/\text{NDF}: 302895.2/31$

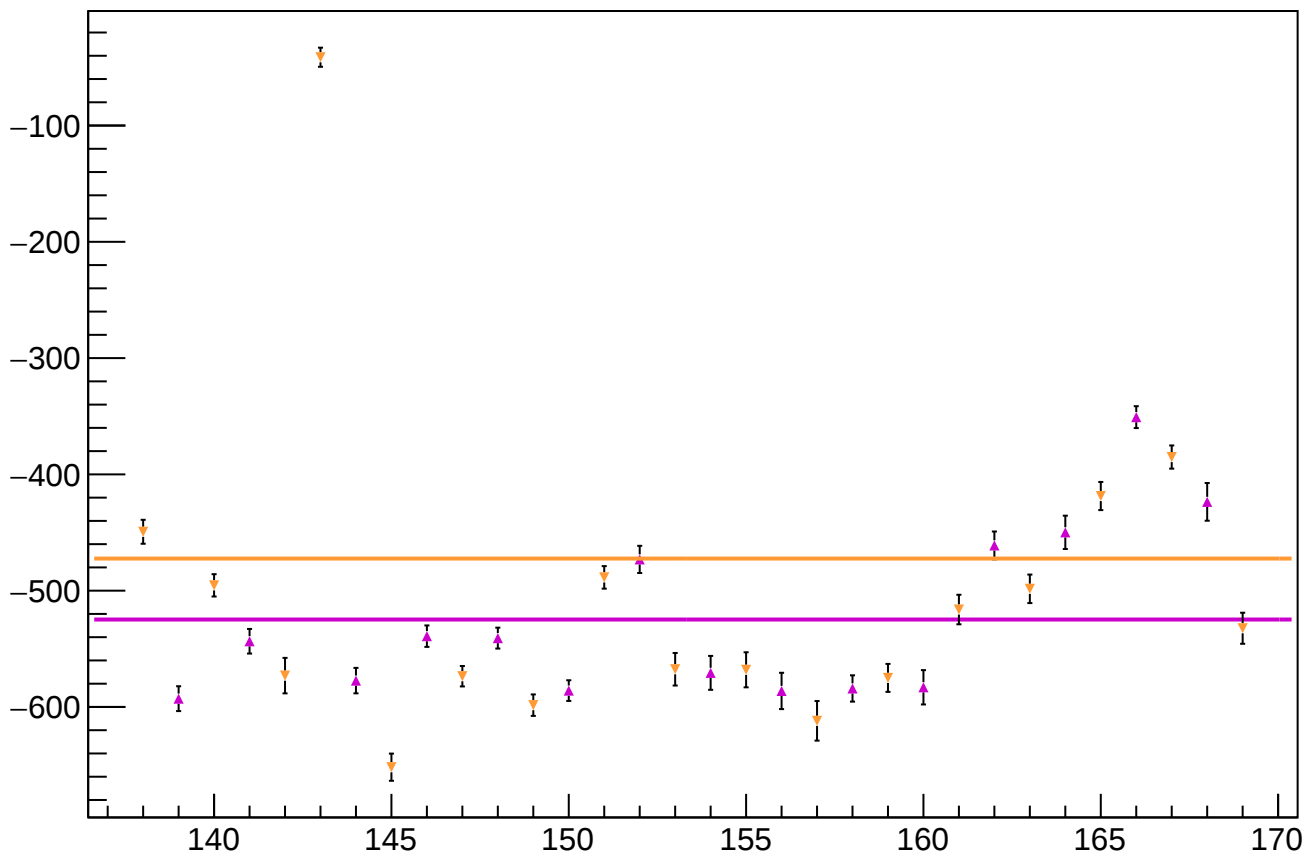
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -20.230 ± 0.024 $\chi^2/\text{NDF}: 736394.4/31$

Out: -20.454 ± 0.024 $\chi^2/\text{NDF}: 763114.7/35$

All: -20.344 ± 0.017 $\chi^2/\text{NDF}: 1499552.0/67$

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

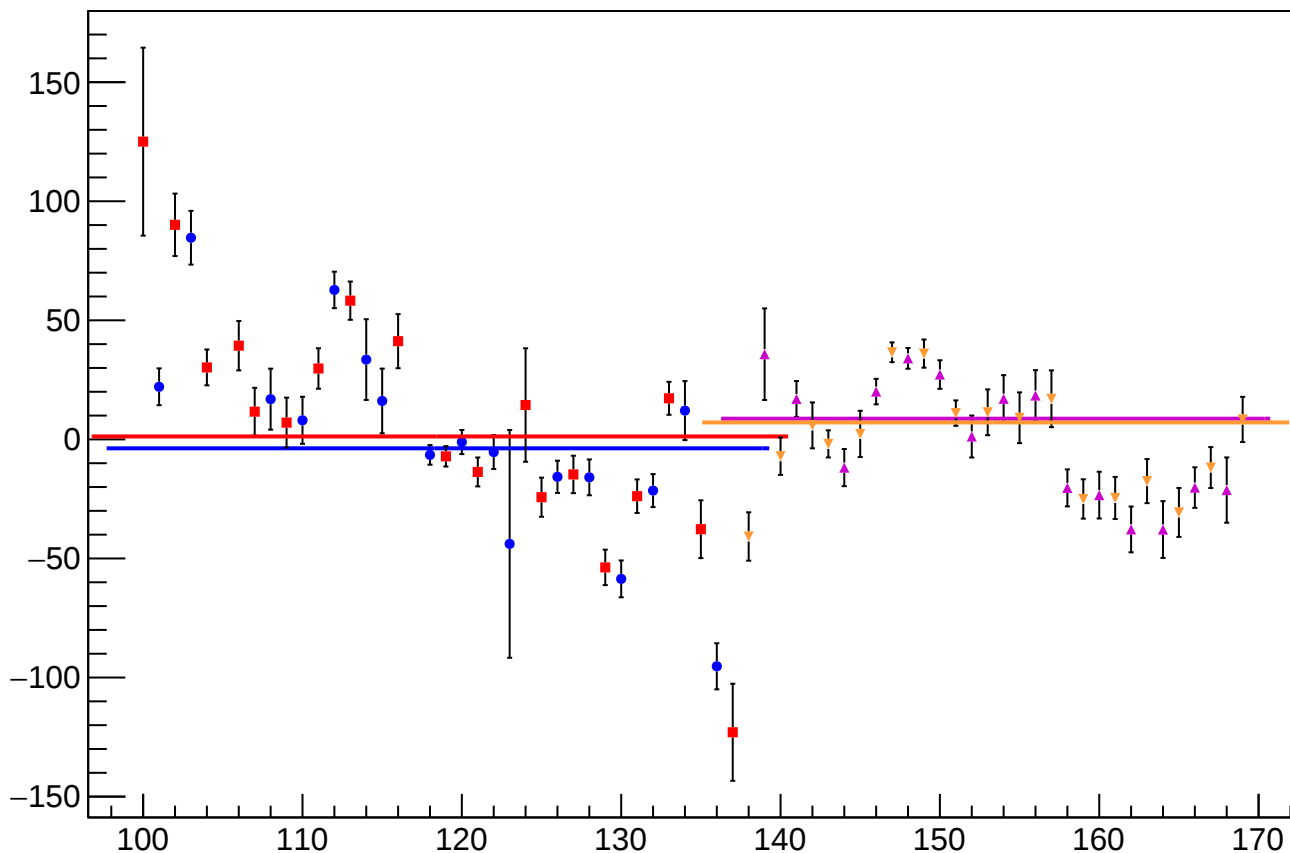
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 8.692 ± 2.009 χ^2/NDF : 139.9/14

Left: 7.831 ± 1.352 χ^2/NDF : 297.4/31

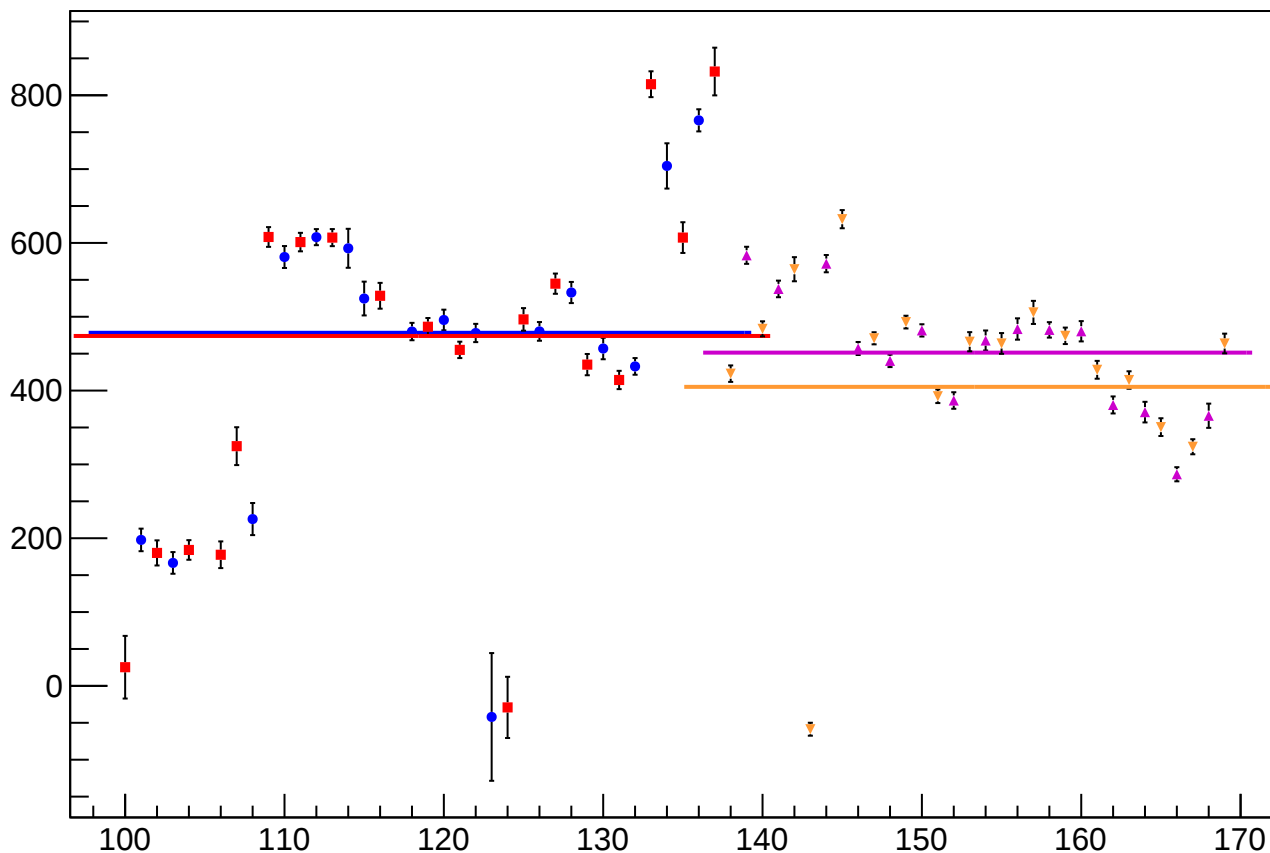
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.103 ± 1.377 χ^2/NDF : 474.3/31

Out: 4.317 ± 1.322 χ^2/NDF : 465.6/35

All: 3.255 ± 0.954 χ^2/NDF : 941.2/67

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: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 451.399+/-2.840 χ^2/NDF : 756.7/14

Left: 426.801+/-1.946 χ^2/NDF : 4585.9/31

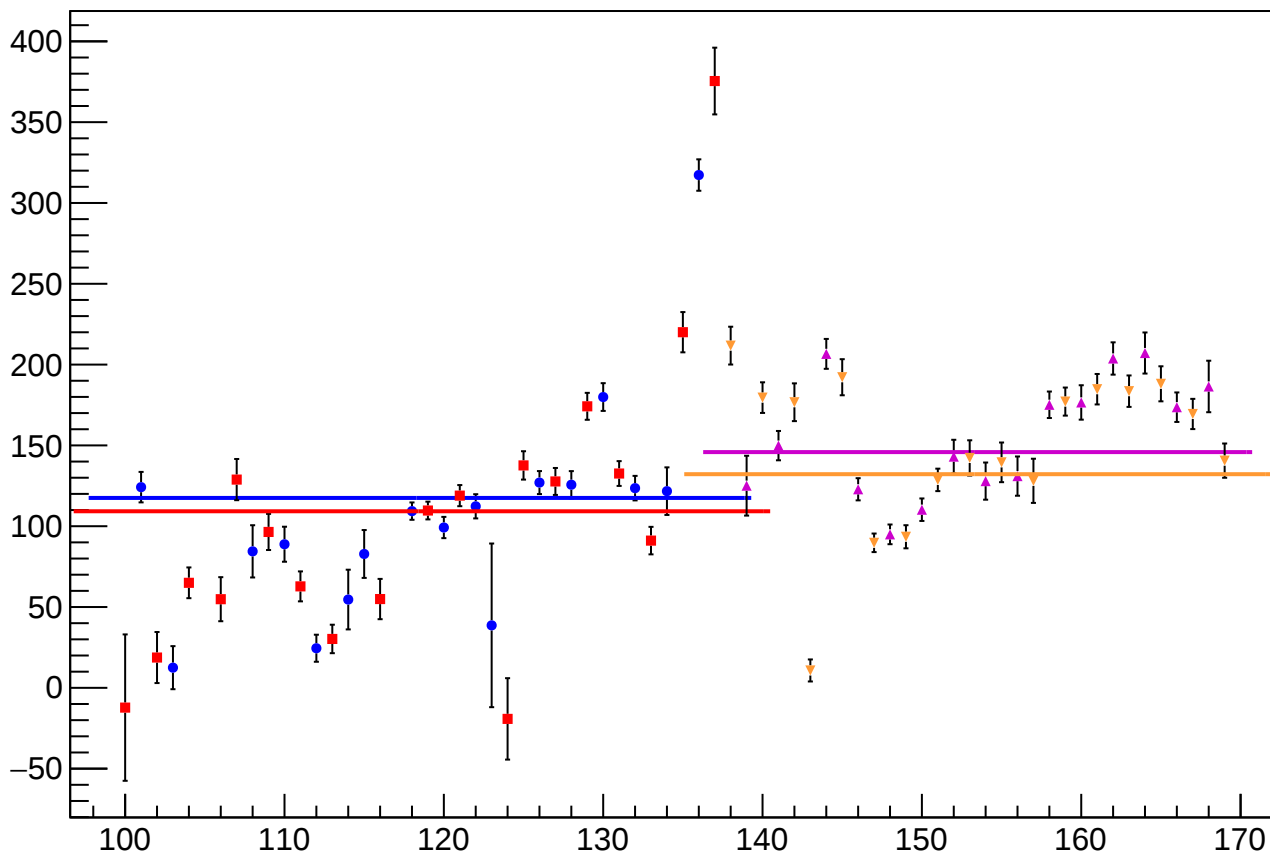
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 461.570+/-2.238 χ^2/NDF : 2418.6/31

Out: 430.145+/-2.130 χ^2/NDF : 6218.7/35

All: 445.076+/-1.543 χ^2/NDF : 8740.7/67

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 138.400 ± 1.611 $\chi^2/\text{NDF}: 914.0/31$

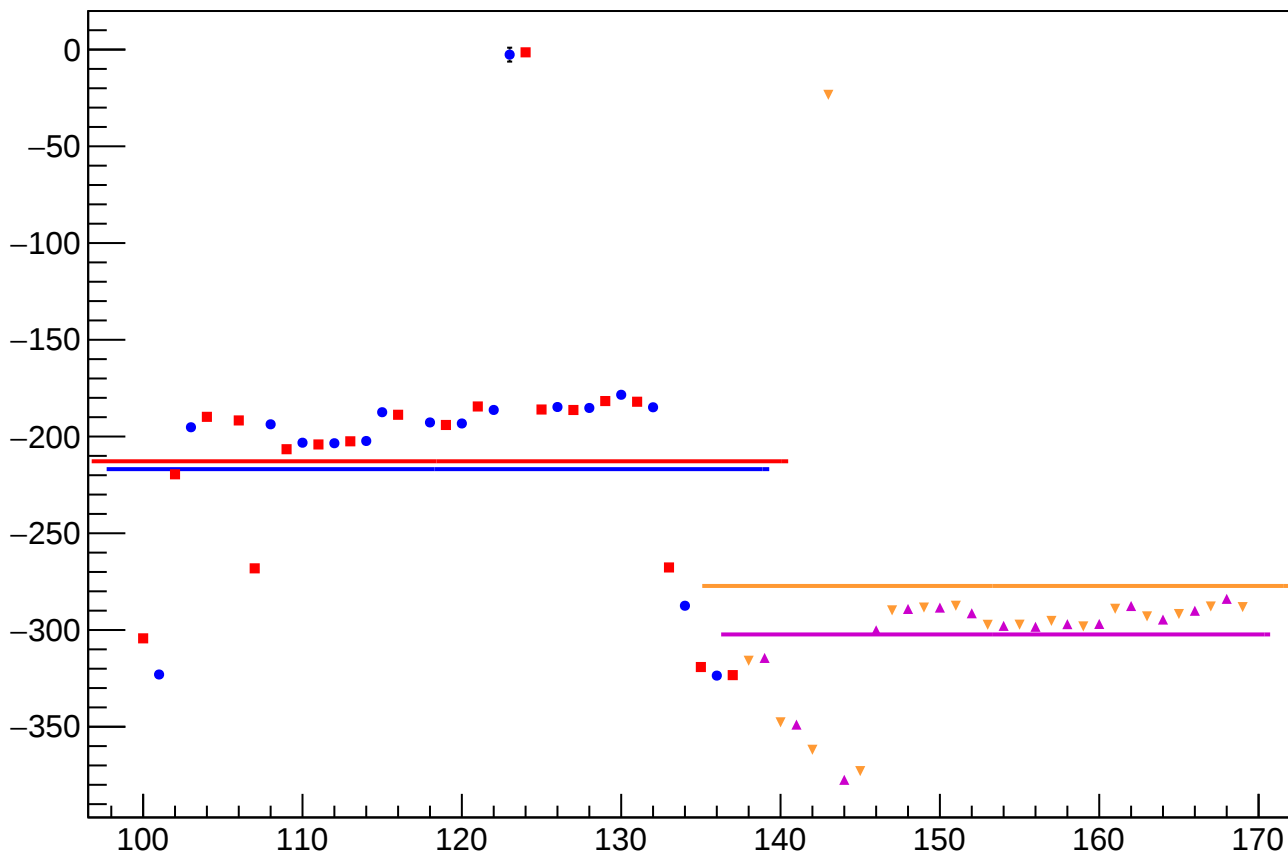
Right: 113.390 ± 1.557 $\chi^2/\text{NDF}: 1282.4/35$

In: 130.491 ± 1.618 $\chi^2/\text{NDF}: 1031.8/31$

Out: 120.850 ± 1.551 $\chi^2/\text{NDF}: 1270.7/35$

All: 125.467 ± 1.119 $\chi^2/\text{NDF}: 2321.0/67$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -277.229+/-0.107 χ^2/NDF : 621105.0/16

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -302.289+/-0.114 χ^2/NDF : 39734.8/14

Left: -289.006+/-0.078 χ^2/NDF : 686449.1/31

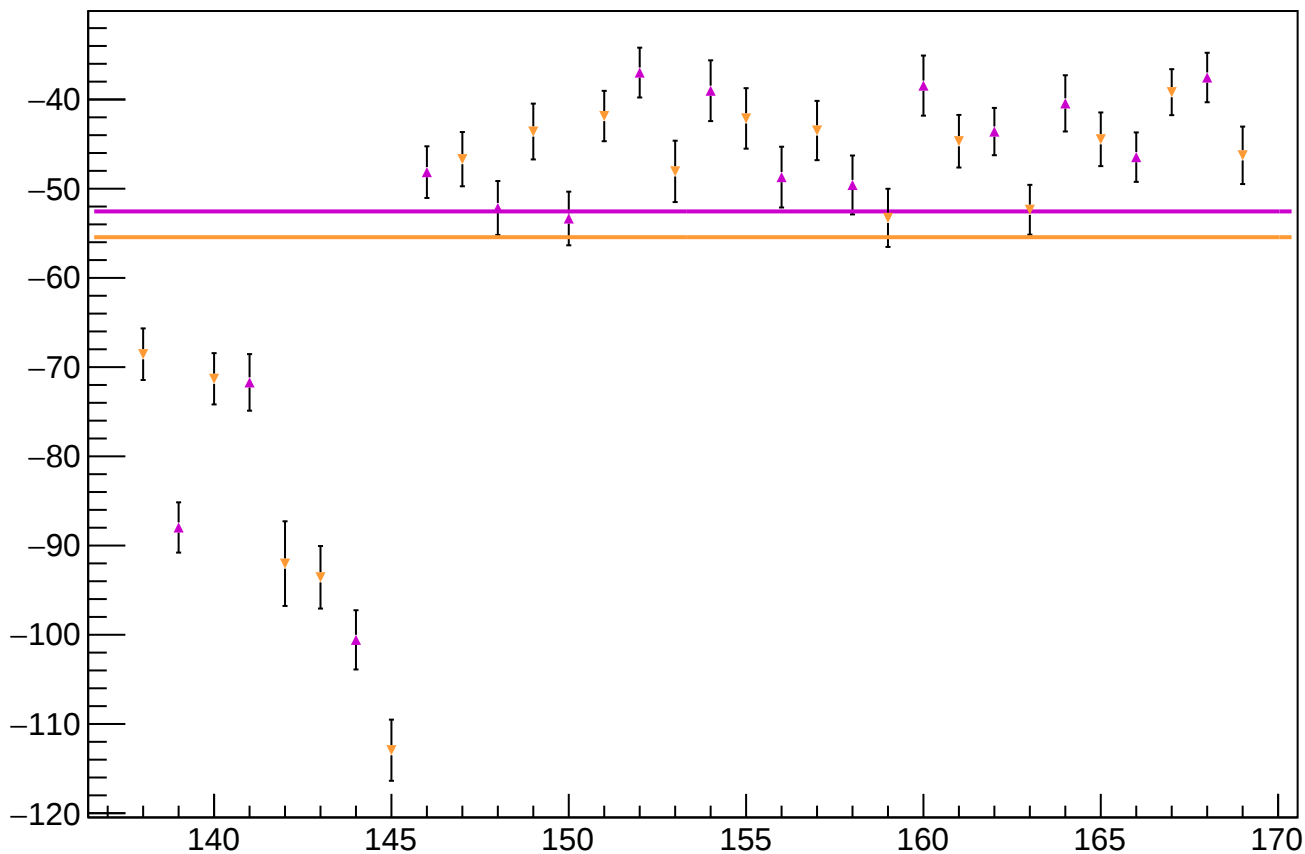
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -266.985+/-0.087 χ^2/NDF : 418701.1/31

Out: -251.119+/-0.083 χ^2/NDF : 883674.2/35

All: -258.629+/-0.060 χ^2/NDF : 1319758.5/67

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

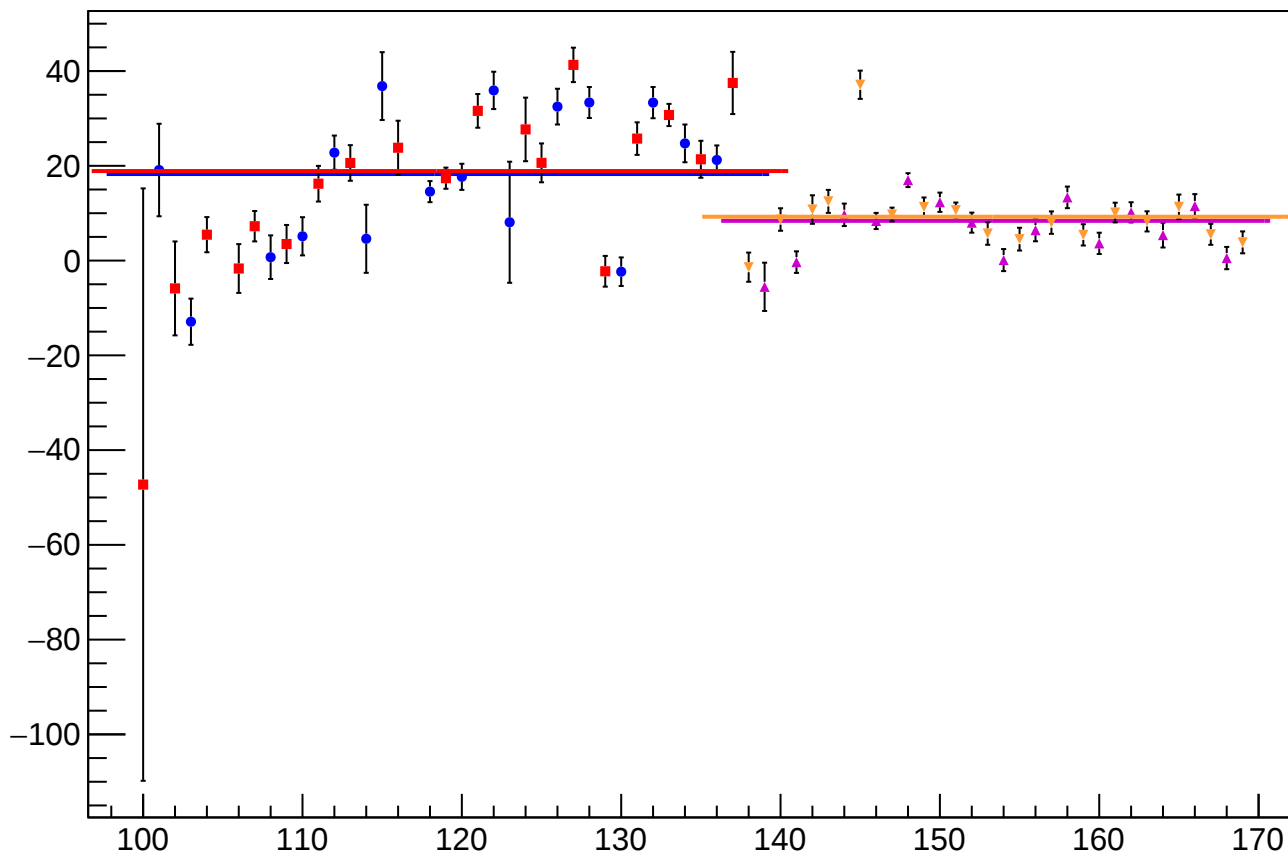
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.257 $\pm$ 0.534 χ^2 /NDF:121.8/16

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 8.388 $\pm$ 0.564 χ^2 /NDF:97.7/14

Left: 8.847 $\pm$ 0.388 χ^2 /NDF: 220.8/31

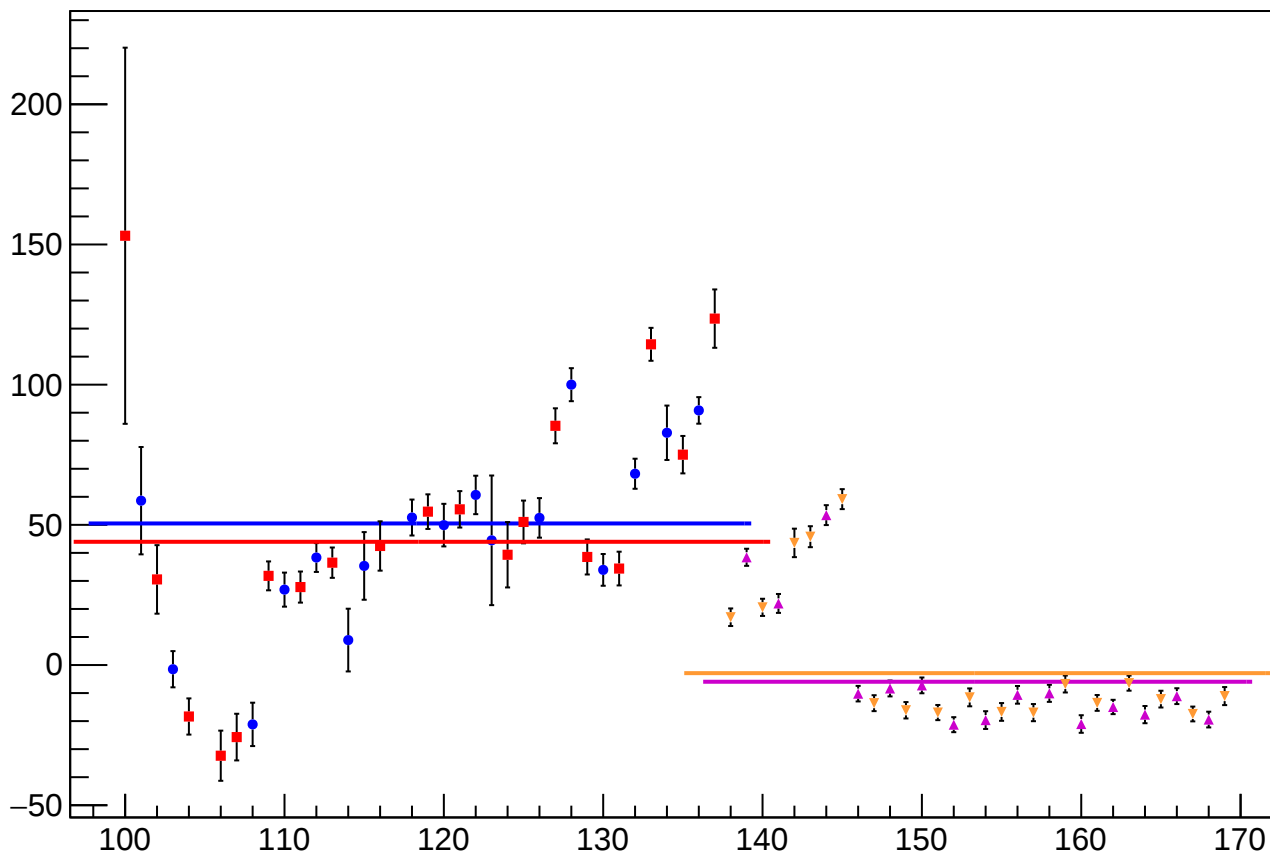
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 11.145 $\pm$ 0.479 χ^2 /NDF:391.6/31

Out: 11.920 $\pm$ 0.454 χ^2 /NDF:411.1/35

All: 11.553 $\pm$ 0.330 χ^2 /NDF: 804.1/67

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: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

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

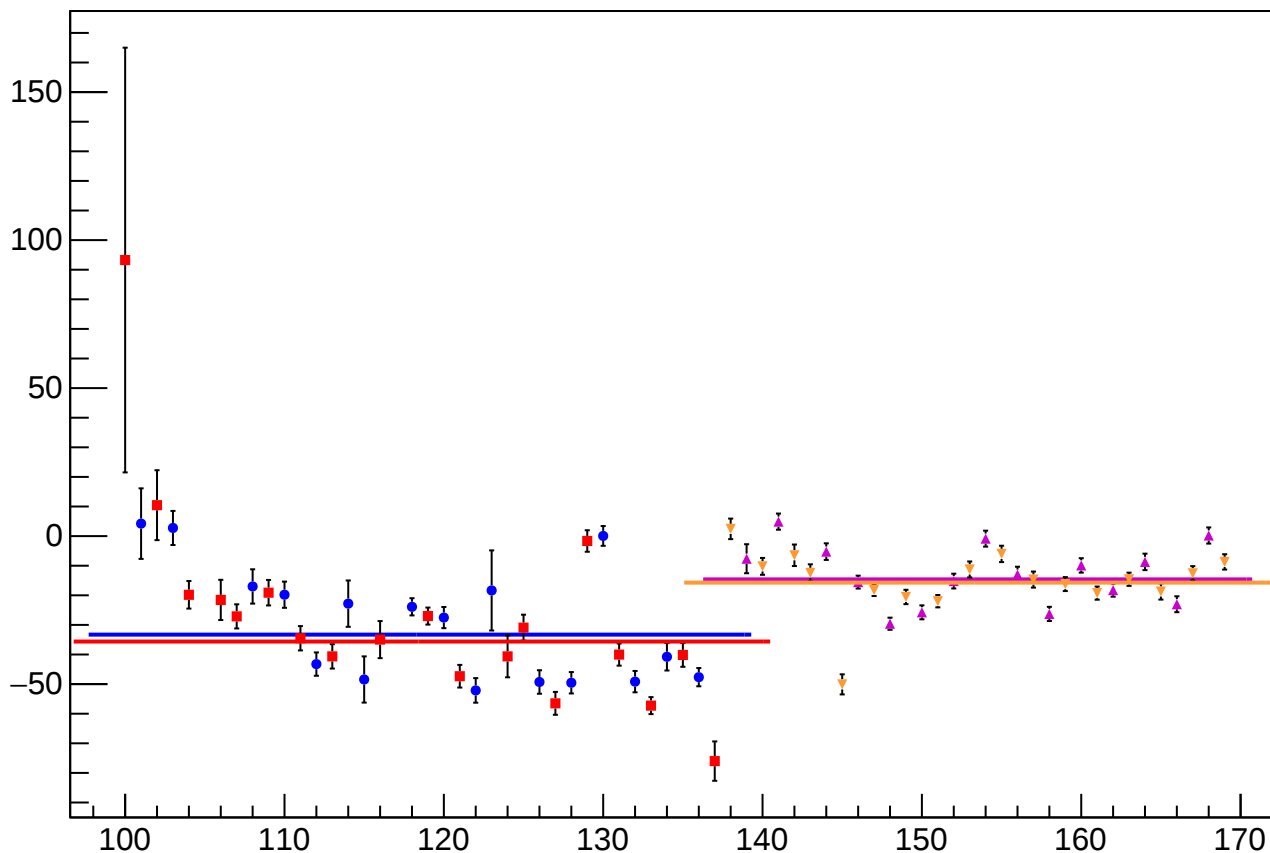
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 3.780 $\pm$ 0.694 χ^2 /NDF:2003.8/31

Out: 5.415 $\pm$ 0.675 χ^2 /NDF:2066.5/35

All: 4.620 $\pm$ 0.484 χ^2 /NDF: 4073.2/67

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: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -14.617 ± 0.657 χ^2/NDF : 240.4/14

Left: -15.193 ± 0.452 χ^2/NDF : 426.0/31

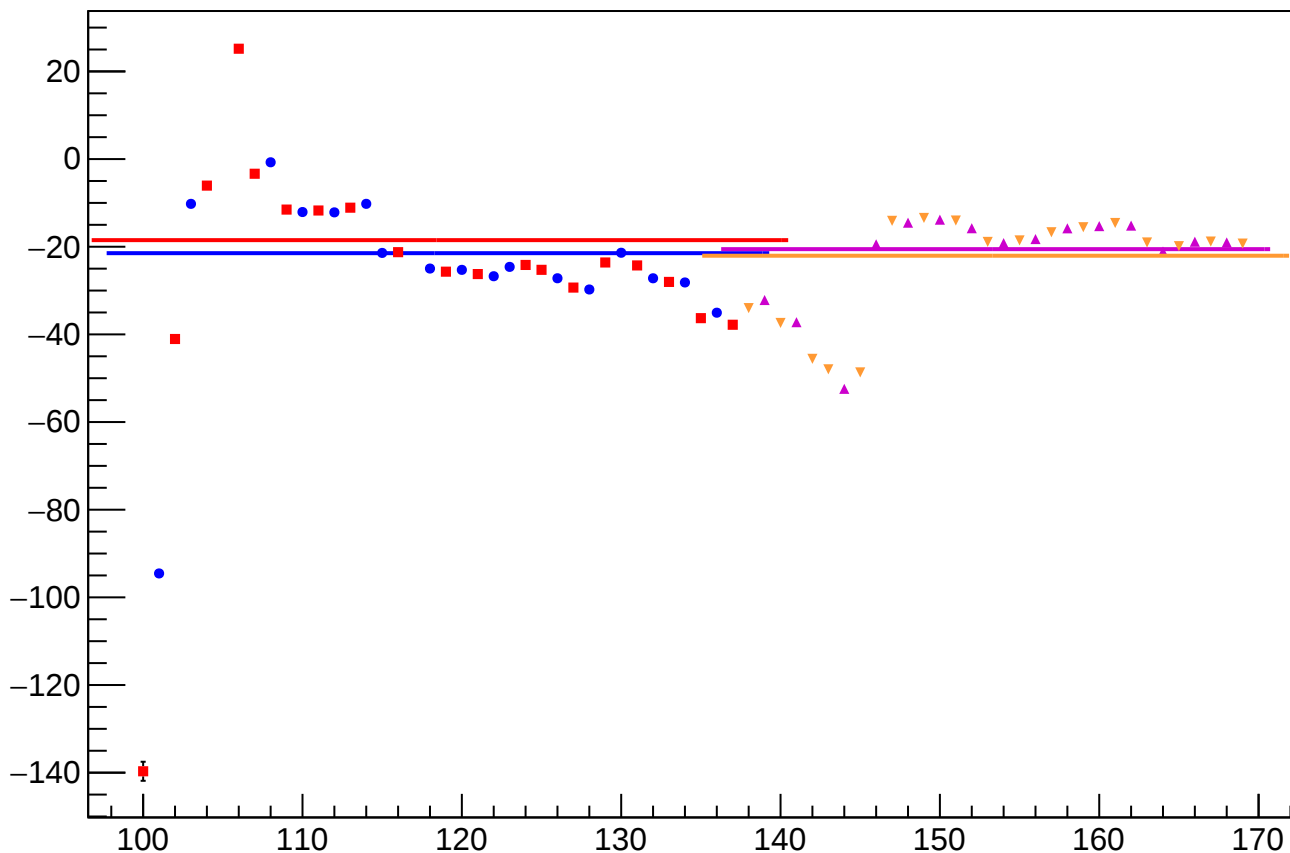
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -19.982 ± 0.555 χ^2/NDF : 765.1/31

Out: -21.333 ± 0.527 χ^2/NDF : 760.6/35

All: -20.691 ± 0.382 χ^2/NDF : 1528.8/67

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: -18.496 ± 0.057 χ^2/NDF : 80700.9/18

Left In: -20.550 ± 0.030 χ^2/NDF : 84411.3/14

Left: -21.321 ± 0.021 χ^2/NDF : 216088.1/31

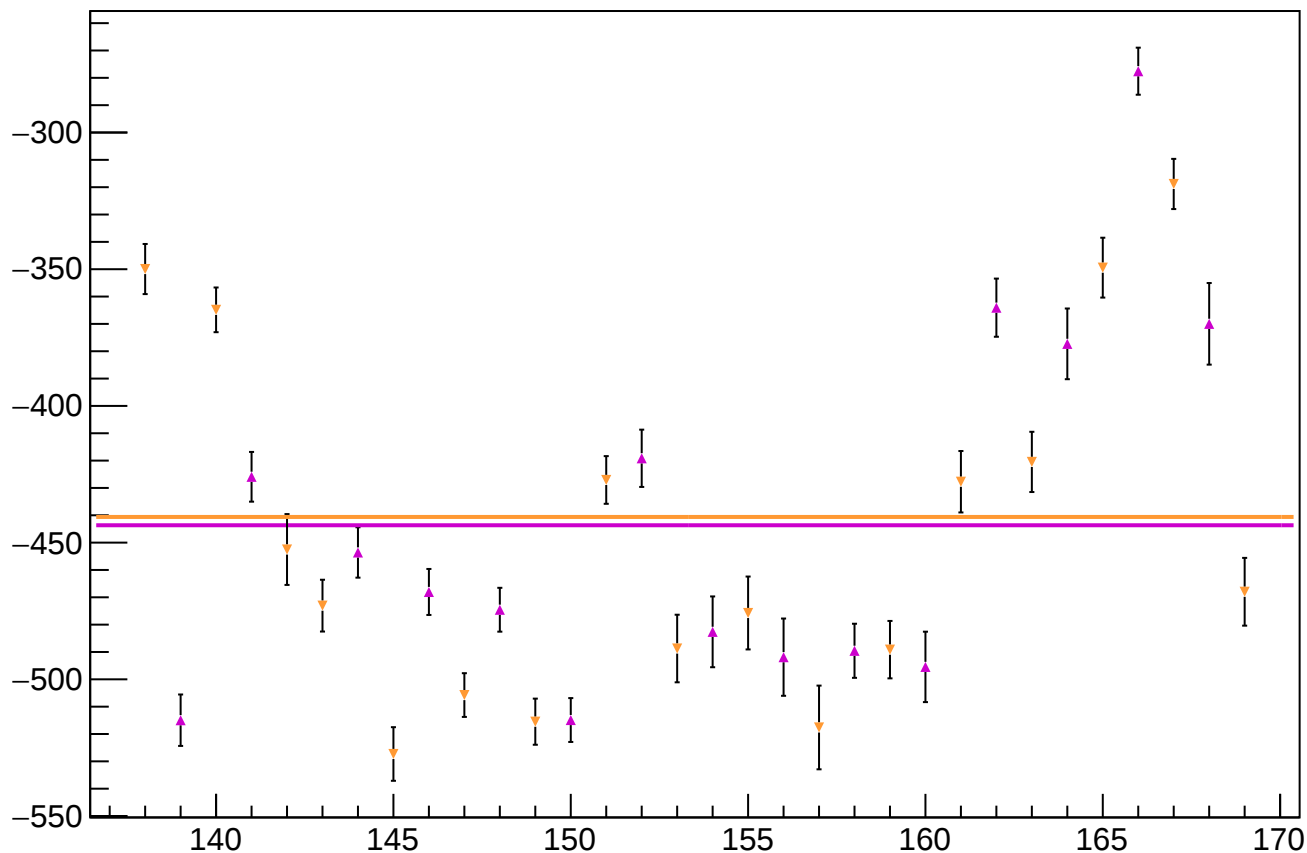
Right: -19.947 ± 0.041 χ^2/NDF : 130991.7/35

In: -20.739 ± 0.027 χ^2/NDF : 133585.2/31

Out: -21.321 ± 0.026 χ^2/NDF : 214141.2/35

All: -21.038 ± 0.019 χ^2/NDF : 347969.6/67

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

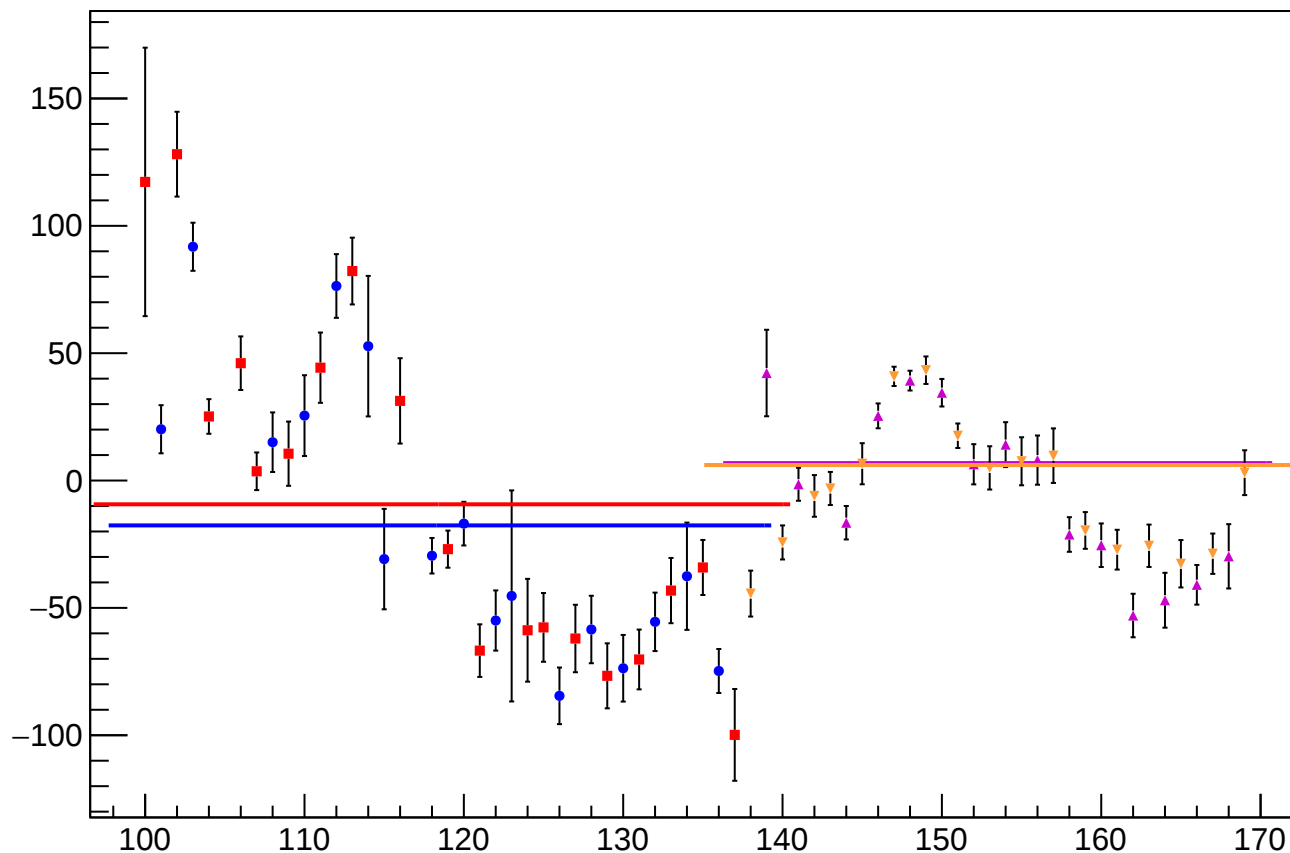
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 6.094 ± 1.666 $\chi^2/\text{NDF}: 276.3/16$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 6.853 ± 1.787 $\chi^2/\text{NDF}: 280.8/14$

Left: 6.447 ± 1.219 $\chi^2/\text{NDF}: 557.2/31$

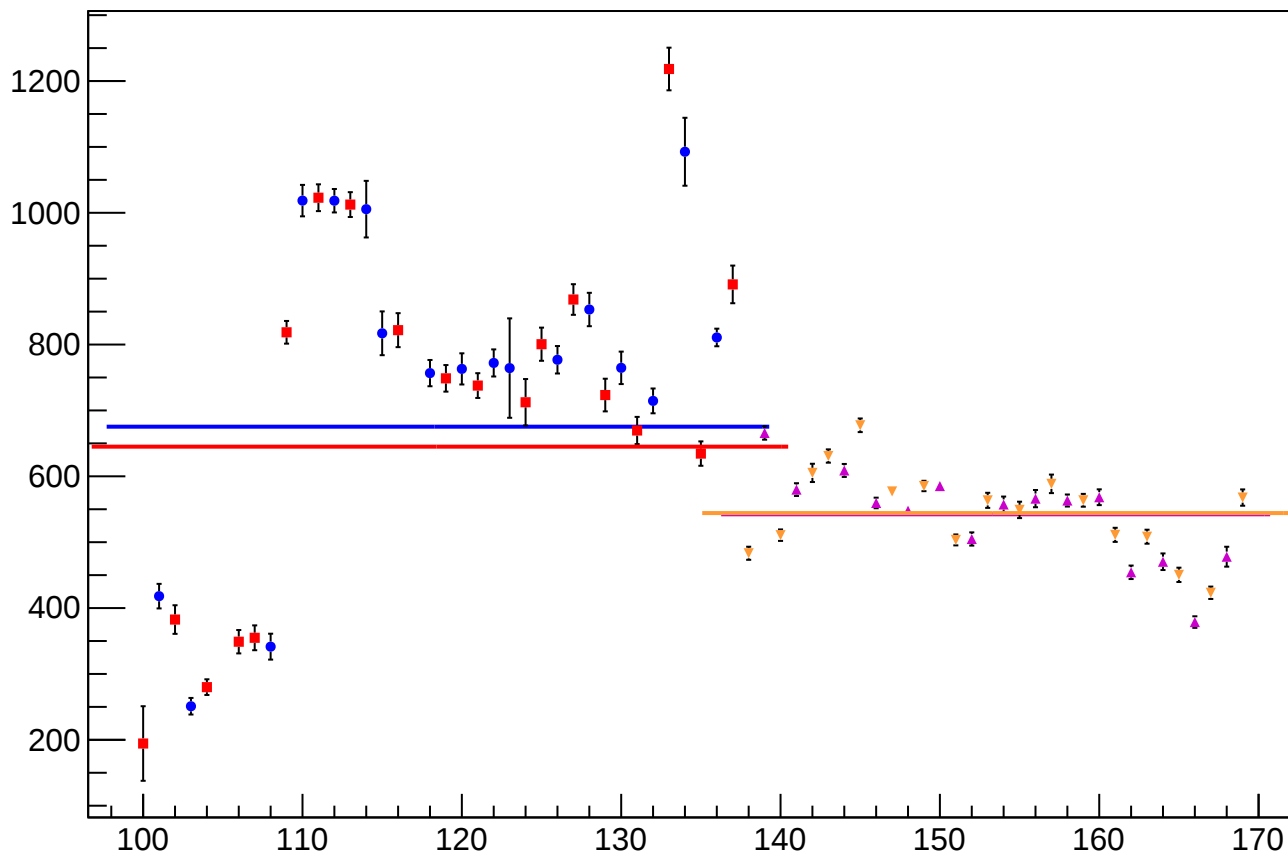
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -0.282 ± 1.504 $\chi^2/\text{NDF}: 697.5/31$

Out: 1.627 ± 1.404 $\chi^2/\text{NDF}: 667.6/35$

All: 0.738 ± 1.027 $\chi^2/\text{NDF}: 1365.9/67$

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: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 542.317+/-2.528 χ^2/NDF : 747.2/14

Left: 543.303+/-1.751 χ^2/NDF : 1410.8/31

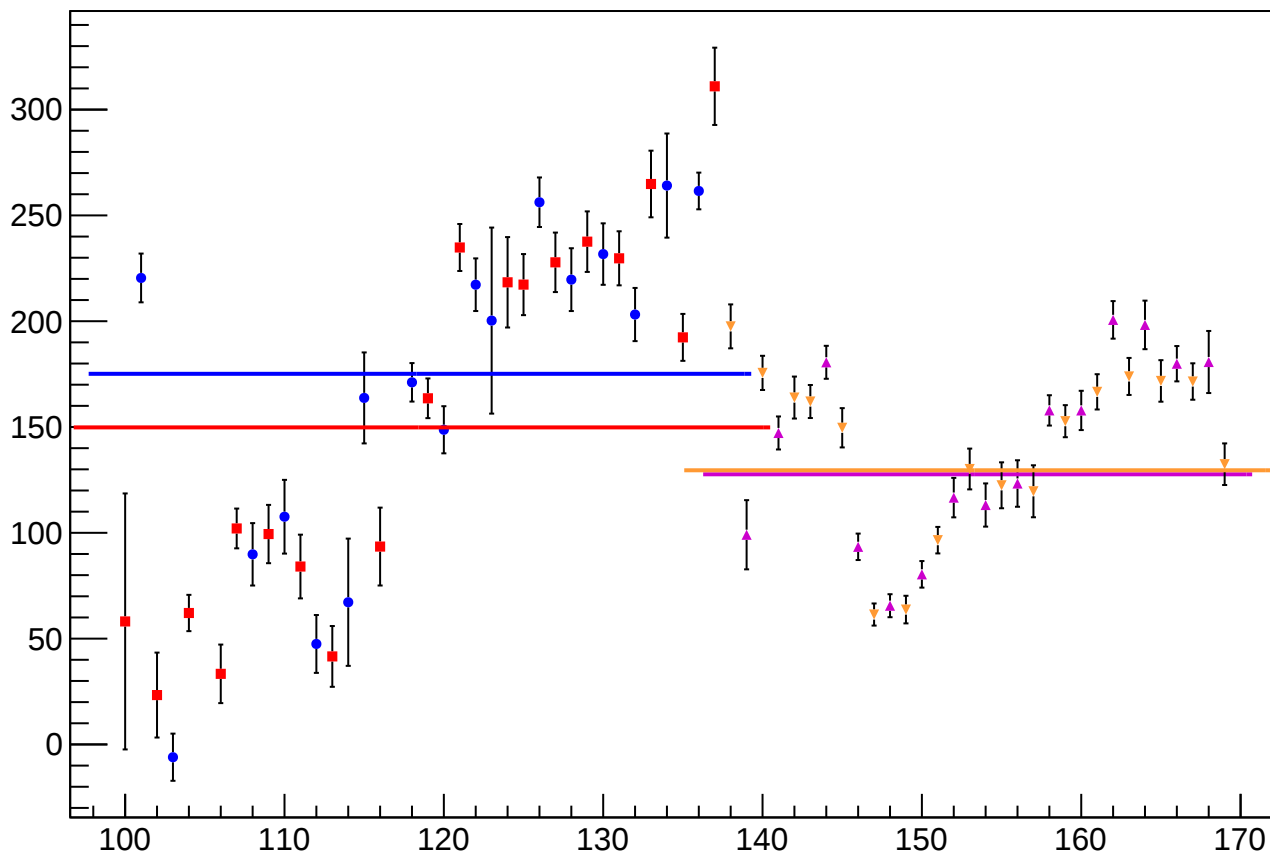
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 569.010+/-2.260 χ^2/NDF : 3885.4/31

Out: 565.031+/-2.162 χ^2/NDF : 4142.3/35

All: 566.932+/-1.562 χ^2/NDF : 8029.4/67

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: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

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

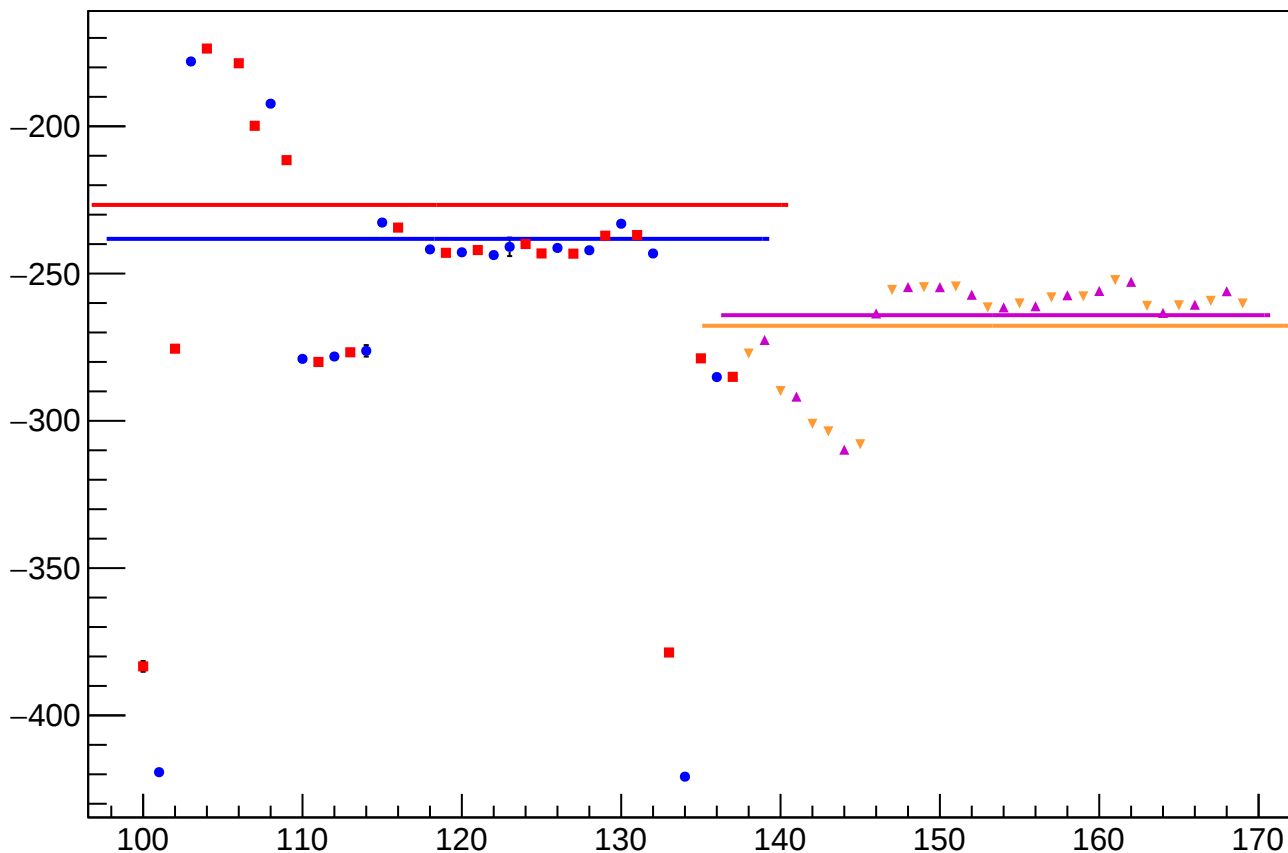
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 142.140 $\pm$ 1.772 χ^2 /NDF:1250.4/31

Out: 135.615 $\pm$ 1.663 χ^2 /NDF:1227.0/35

All: 138.670 $\pm$ 1.213 χ^2 /NDF: 2484.6/67

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: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -264.134+/-0.101 χ^2/NDF : 20774.1/14

Left: -265.996+/-0.070 χ^2/NDF : 54984.9/31

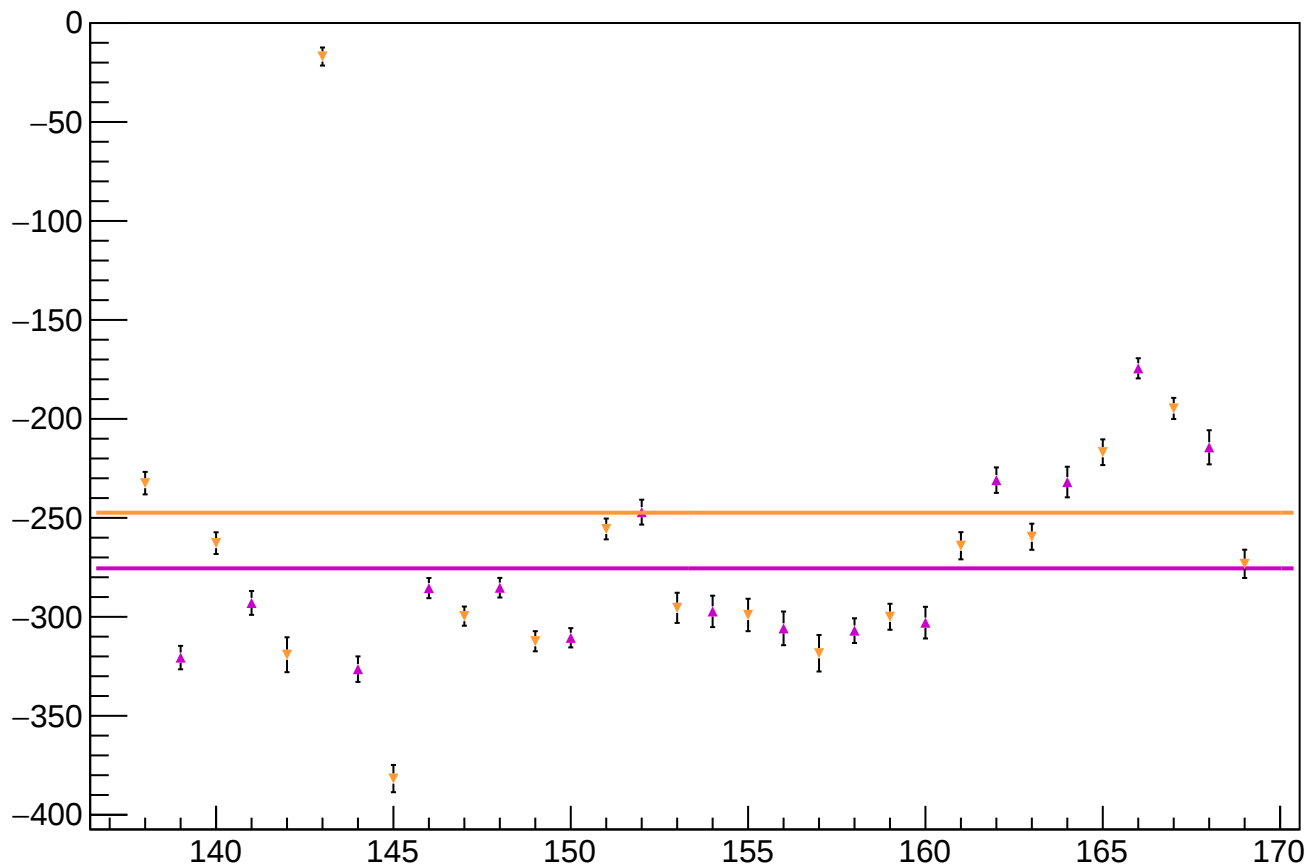
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.710+/-0.086 χ^2/NDF : 206579.9/31

Out: -255.650+/-0.082 χ^2/NDF : 188431.2/35

All: -256.156+/-0.059 χ^2/NDF : 395091.2/67

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

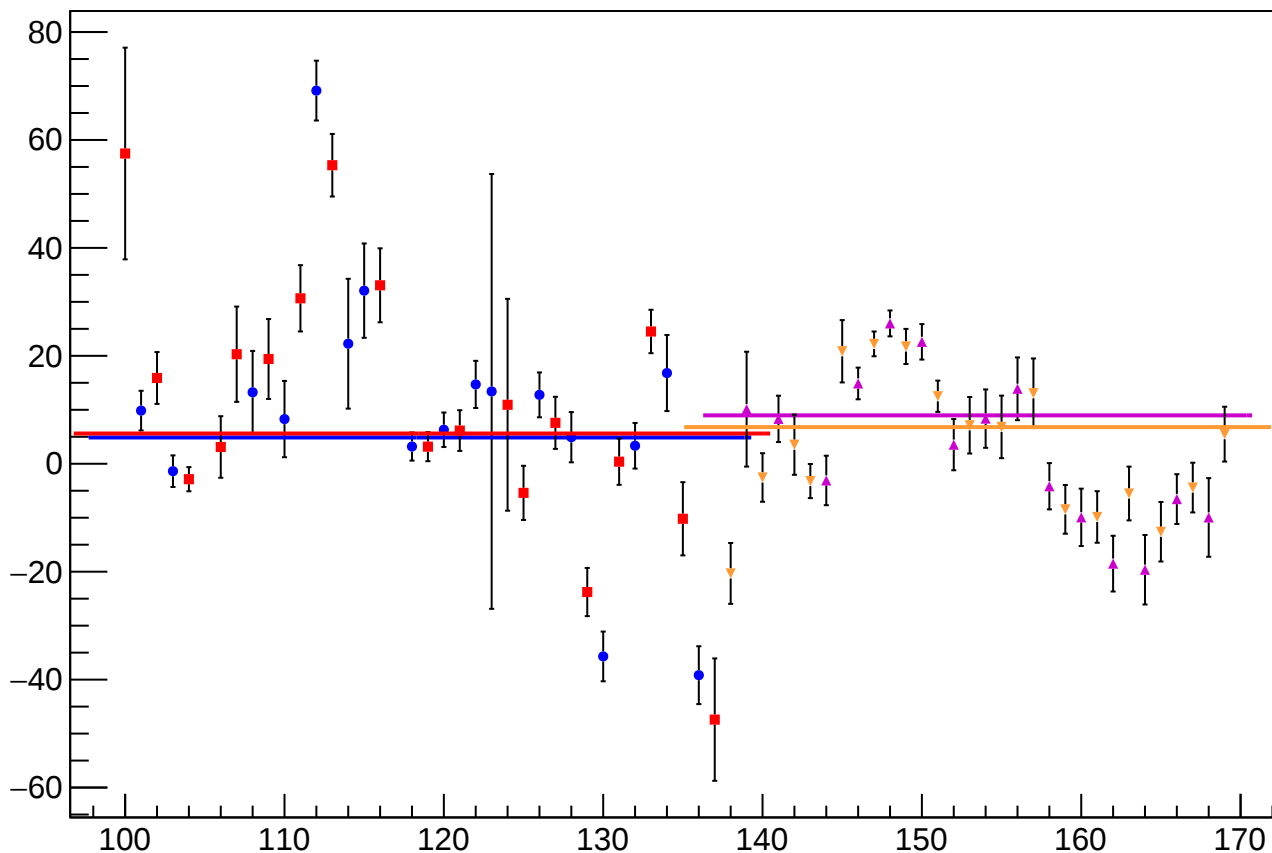
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 8.968 ± 1.105 χ^2/NDF : 168.8/14

Left: 7.778 ± 0.744 χ^2/NDF : 333.6/31

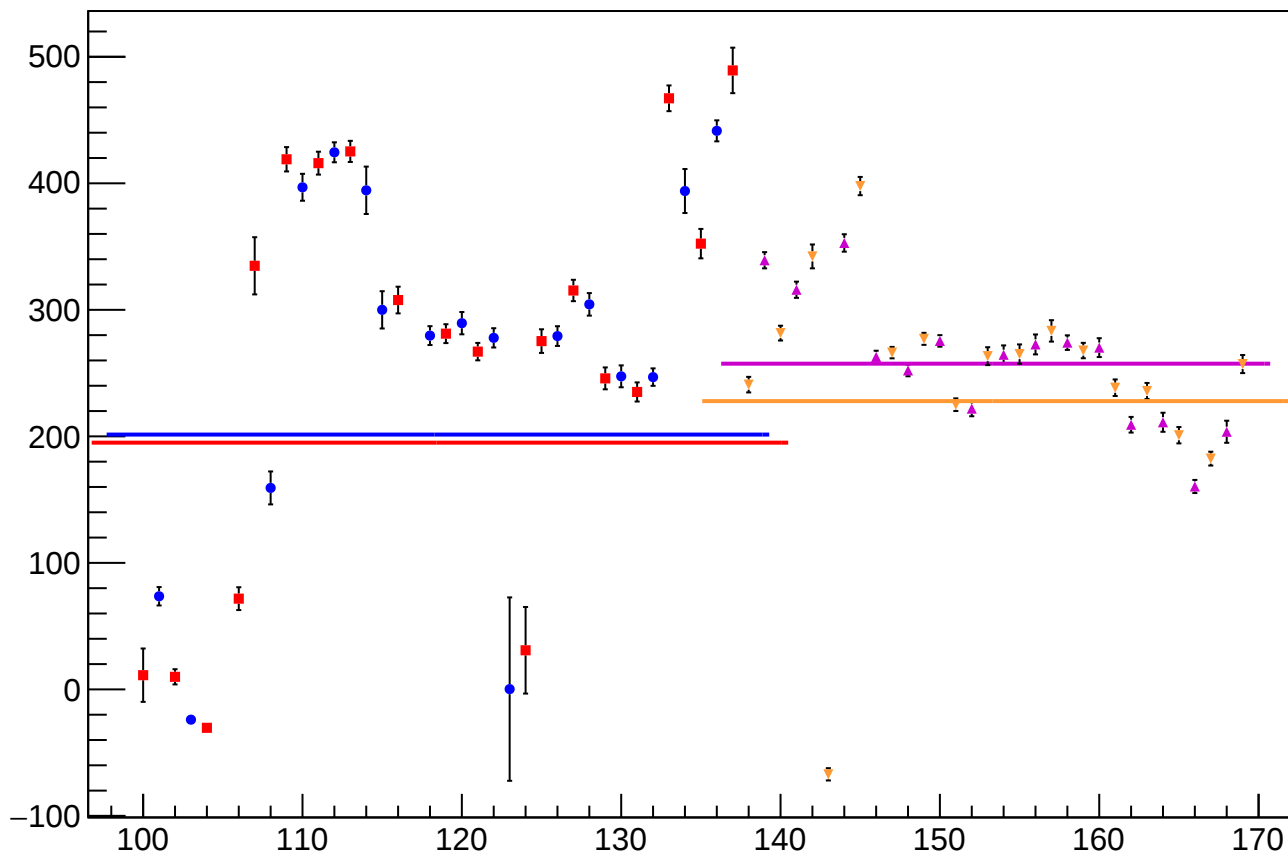
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 6.891 ± 0.776 χ^2/NDF : 487.3/31

Out: 6.235 ± 0.733 χ^2/NDF : 401.9/35

All: 6.544 ± 0.533 χ^2/NDF : 889.6/67

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: 195.024 $\pm$ 1.923 χ^2/NDF : 8254.7/18

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

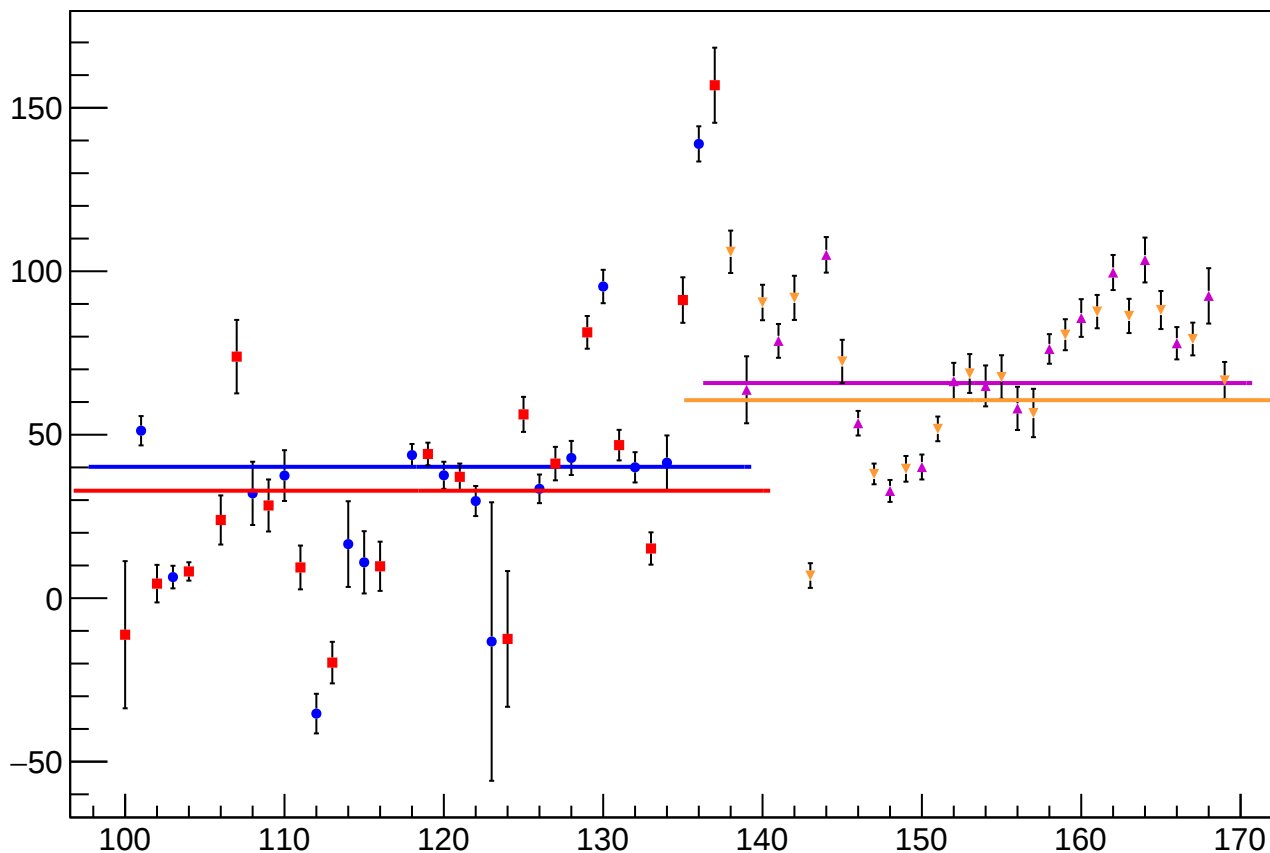
Right: 198.133 $\pm$ 1.377 χ^2/NDF : 15000.5/35

In: 235.896 $\pm$ 1.224 χ^2/NDF :8230.5/31

Out: 215.781 $\pm$ 1.167 χ^2/NDF :13323.4/35

All: 225.357 $\pm$ 0.844 χ^2/NDF : 21695.5/67

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: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 65.811+/-1.315 χ^2/NDF : 315.2/14

Left: 62.951+/-0.886 χ^2/NDF : 825.1/31

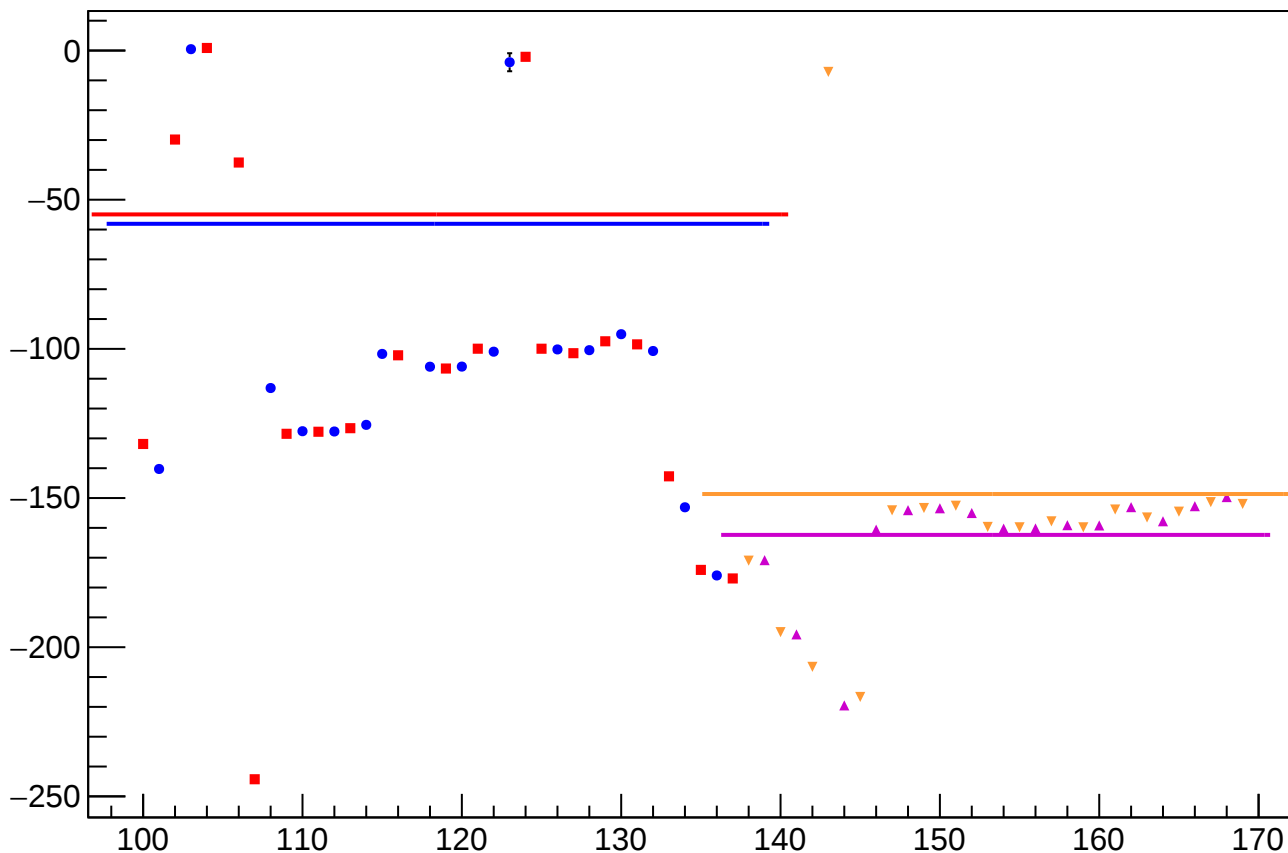
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 52.553+/-0.913 χ^2/NDF : 1245.8/31

Out: 47.315+/-0.865 χ^2/NDF : 1308.0/35

All: 49.793+/-0.628 χ^2/NDF : 2571.1/67

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 χ^2/NDF : 1104437.7/16

Left Out: -148.651 ± 0.059 χ^2/NDF : 657074.9/16

Right Out: -54.929 ± 0.060 χ^2/NDF : 1003908.6/18

Left In: -162.353 ± 0.063 χ^2/NDF : 63994.9/14

Left: -155.088 ± 0.043 χ^2/NDF : 746490.2/31

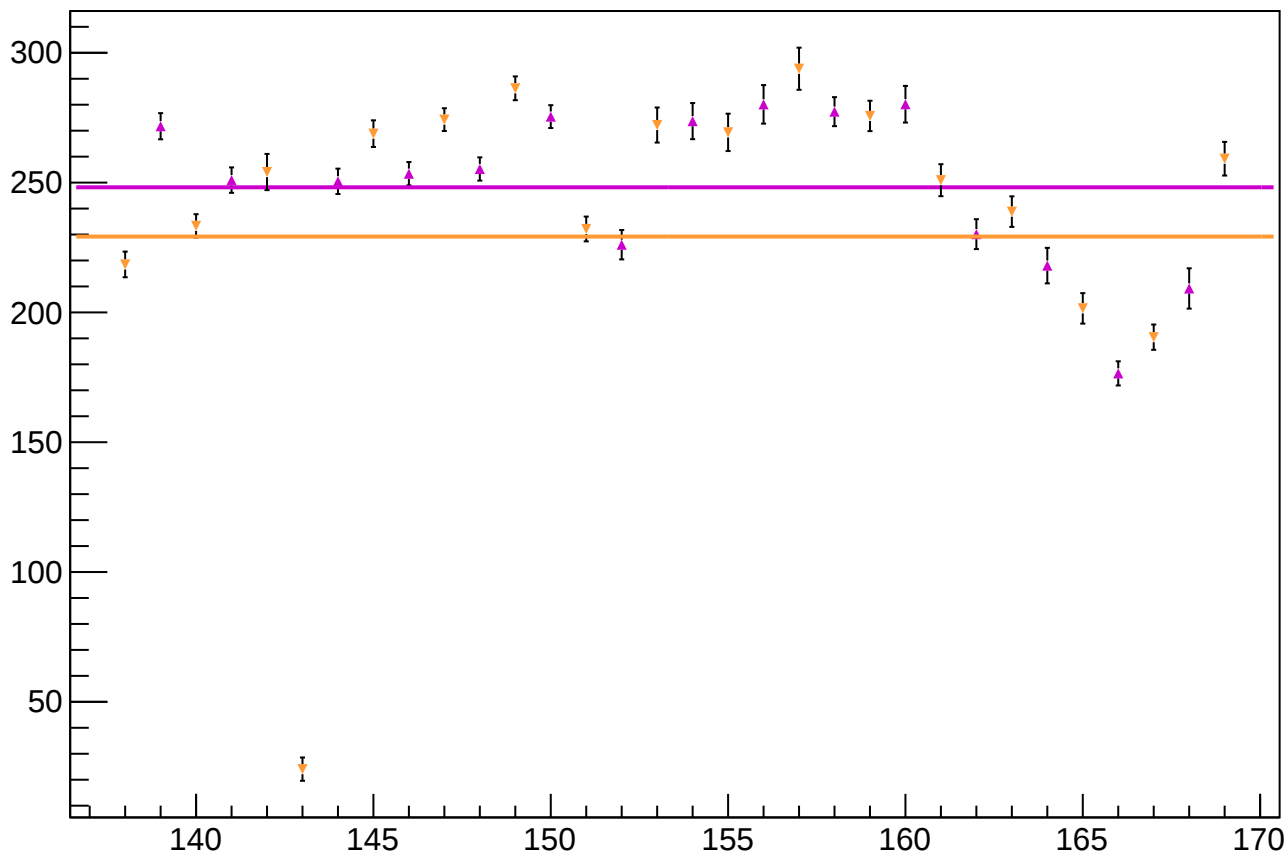
Right: -56.466 ± 0.043 χ^2/NDF : 2109681.6/35

In: -109.411 ± 0.044 χ^2/NDF : 2578181.2/31

Out: -102.810 ± 0.042 χ^2/NDF : 2899167.0/35

All: -105.972 ± 0.030 χ^2/NDF : 5489123.3/67

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

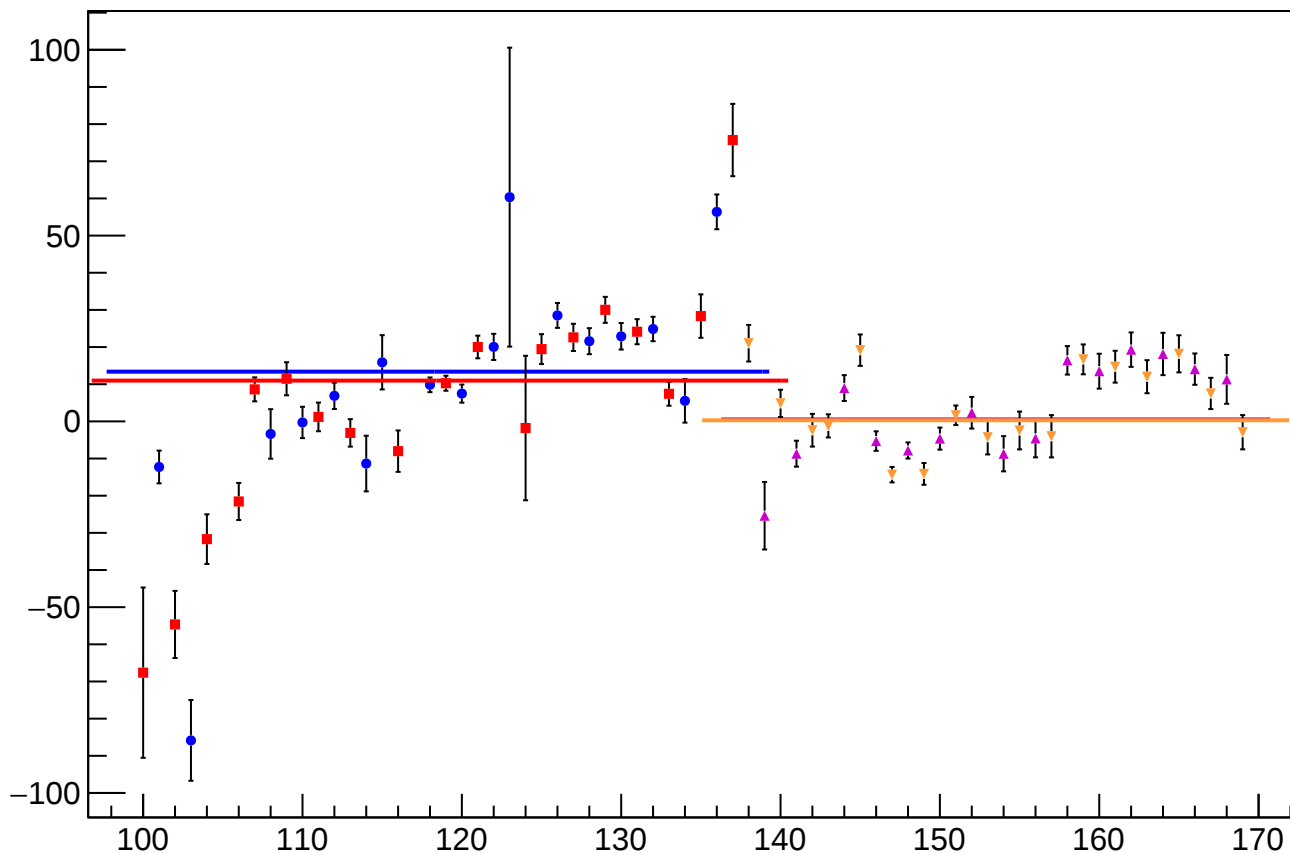
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: 0.536 ± 0.973 χ^2/NDF : 112.6/14

Left: 0.405 ± 0.659 χ^2/NDF : 279.5/31

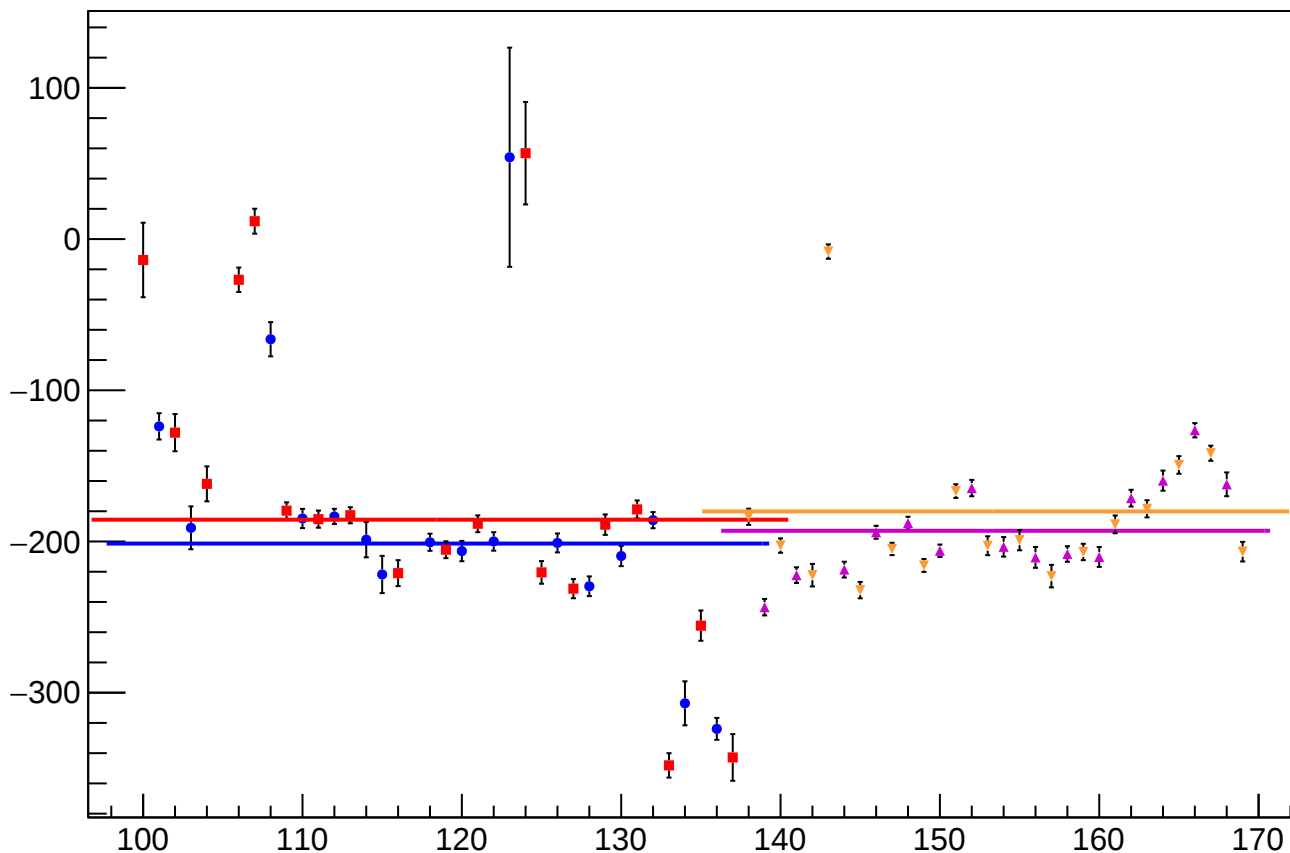
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 7.312 ± 0.669 χ^2/NDF : 498.6/31

Out: 5.526 ± 0.640 χ^2/NDF : 540.4/35

All: 6.380 ± 0.463 χ^2/NDF : 1042.8/67

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: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -192.927 ± 1.370 χ^2/NDF : 458.1/14

Left: -186.195 ± 0.944 χ^2/NDF : 2237.5/31

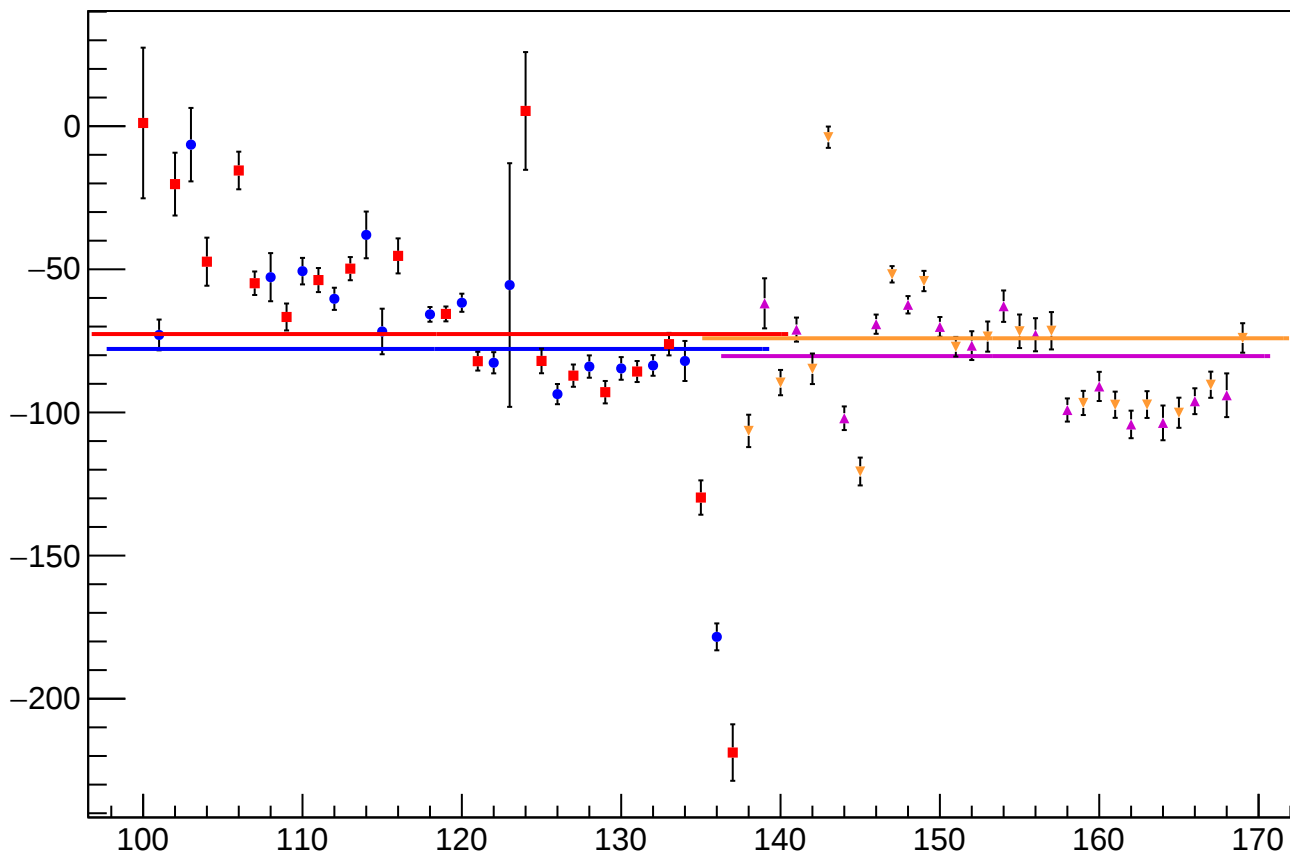
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -196.059 ± 1.086 χ^2/NDF : 1097.1/31

Out: -182.140 ± 1.033 χ^2/NDF : 3488.3/35

All: -188.752 ± 0.749 χ^2/NDF : 4671.6/67

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: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -80.314 ± 1.156 χ^2/NDF : 184.6/14

Left: -76.952 ± 0.784 χ^2/NDF : 907.1/31

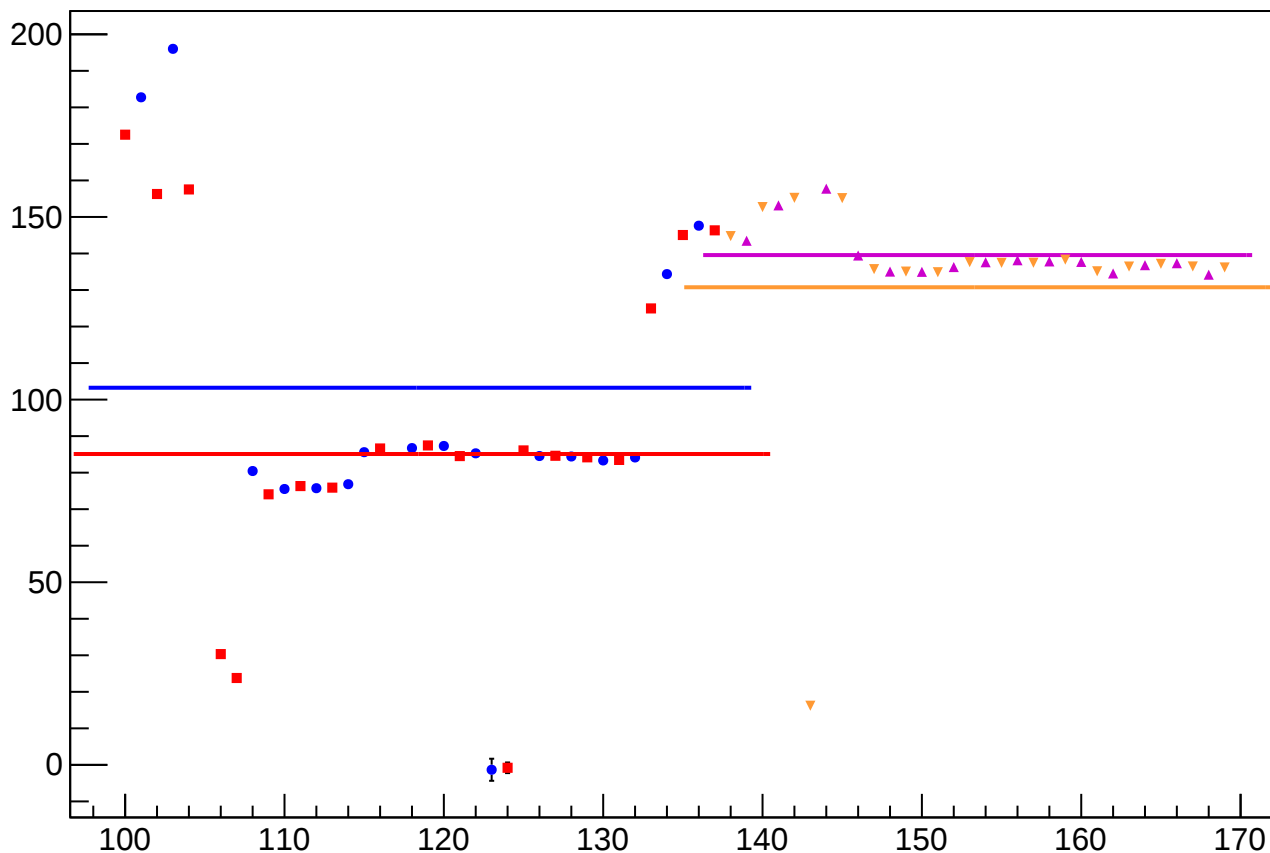
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -78.968 ± 0.784 χ^2/NDF : 843.5/31

Out: -73.341 ± 0.749 χ^2/NDF : 1314.6/35

All: -76.026 ± 0.542 χ^2/NDF : 2185.0/67

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: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

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

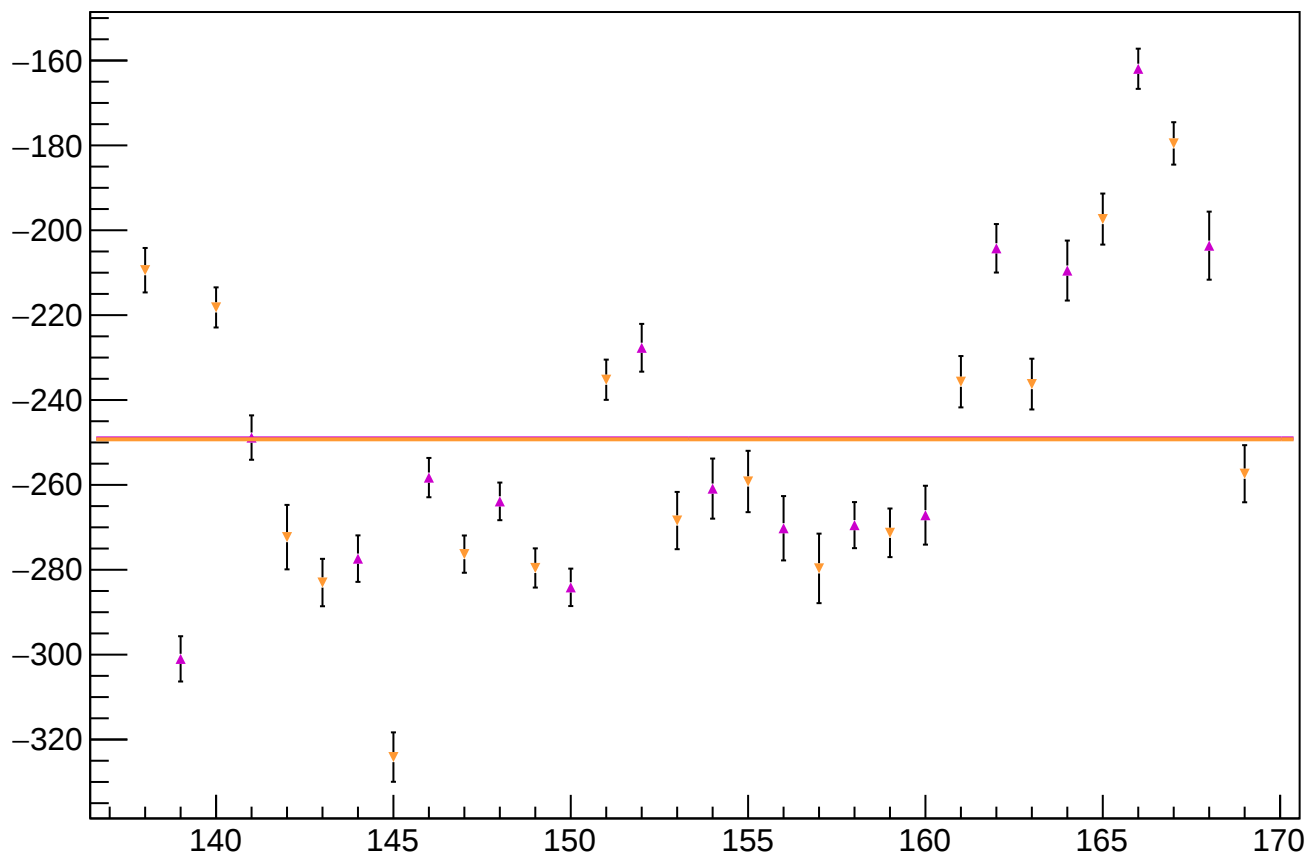
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 125.835 $\pm$ 0.043 χ^2 /NDF: 452437.3/31

Out: 112.410 $\pm$ 0.040 χ^2 /NDF: 1129461.3/35

All: 118.652 $\pm$ 0.030 χ^2 /NDF: 1633273.0/67

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

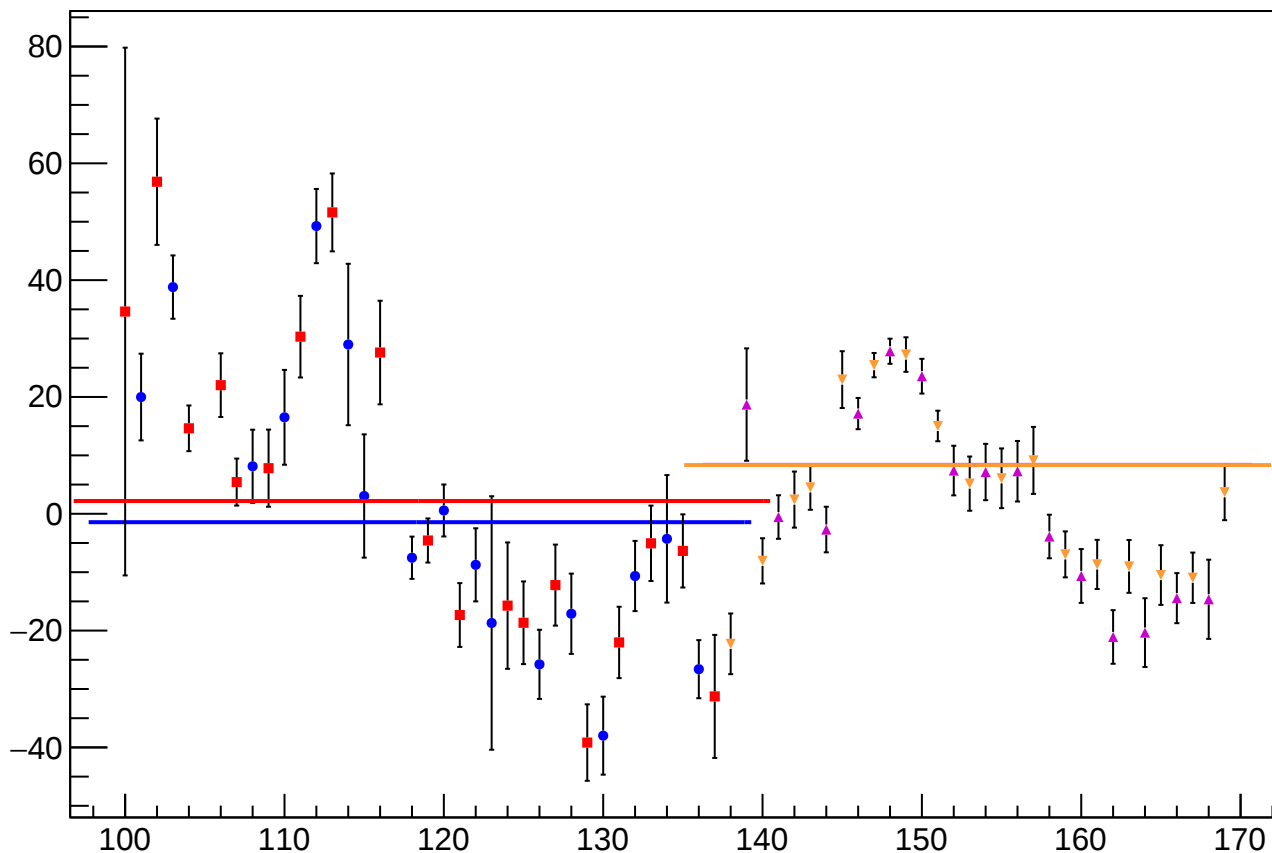
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 224.4/16

Left Out: 8.337 ± 0.924 χ^2/NDF : 260.7/16

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 8.370 ± 0.988 χ^2/NDF : 266.5/14

Left: 8.352 ± 0.675 χ^2/NDF : 527.3/31

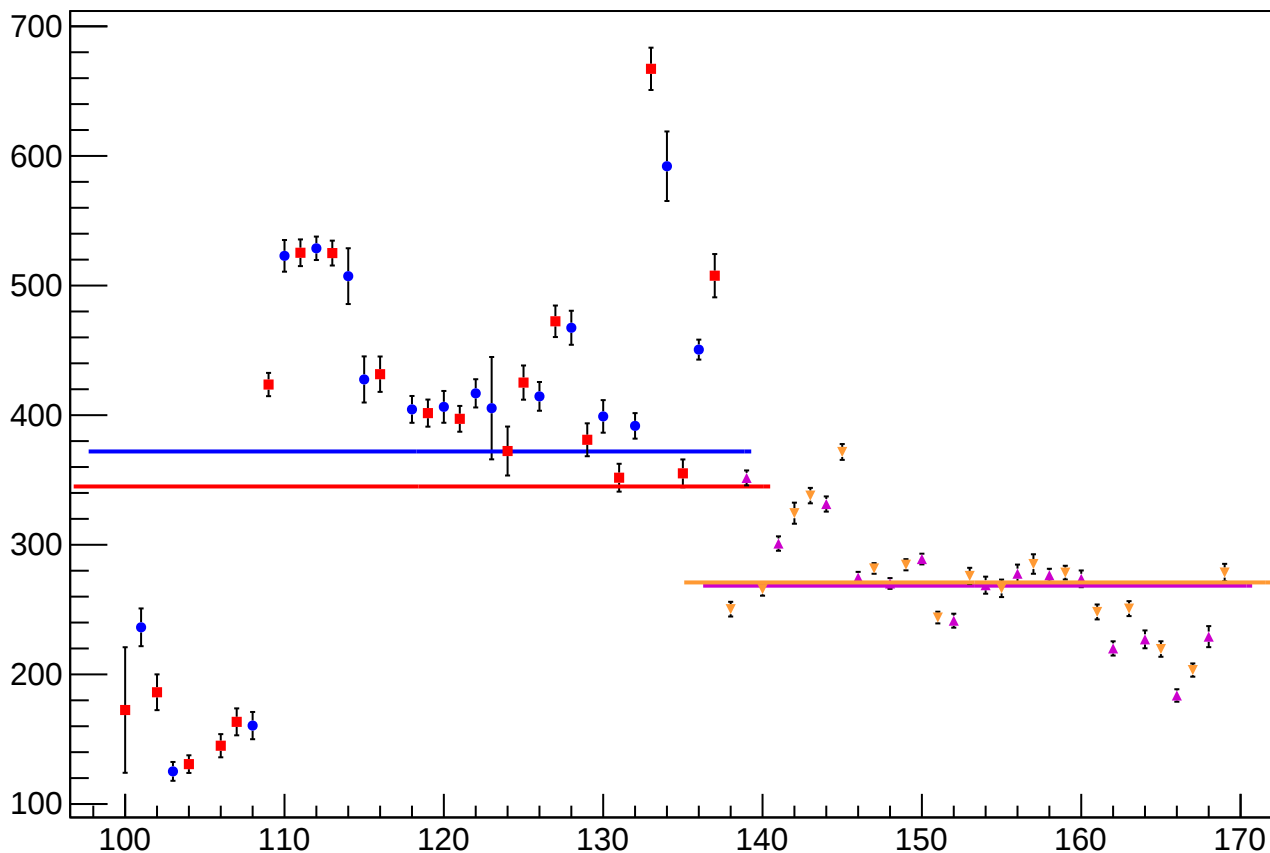
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 5.446 ± 0.828 χ^2/NDF : 520.4/31

Out: 6.470 ± 0.772 χ^2/NDF : 504.9/35

All: 5.994 ± 0.564 χ^2/NDF : 1026.0/67

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: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

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

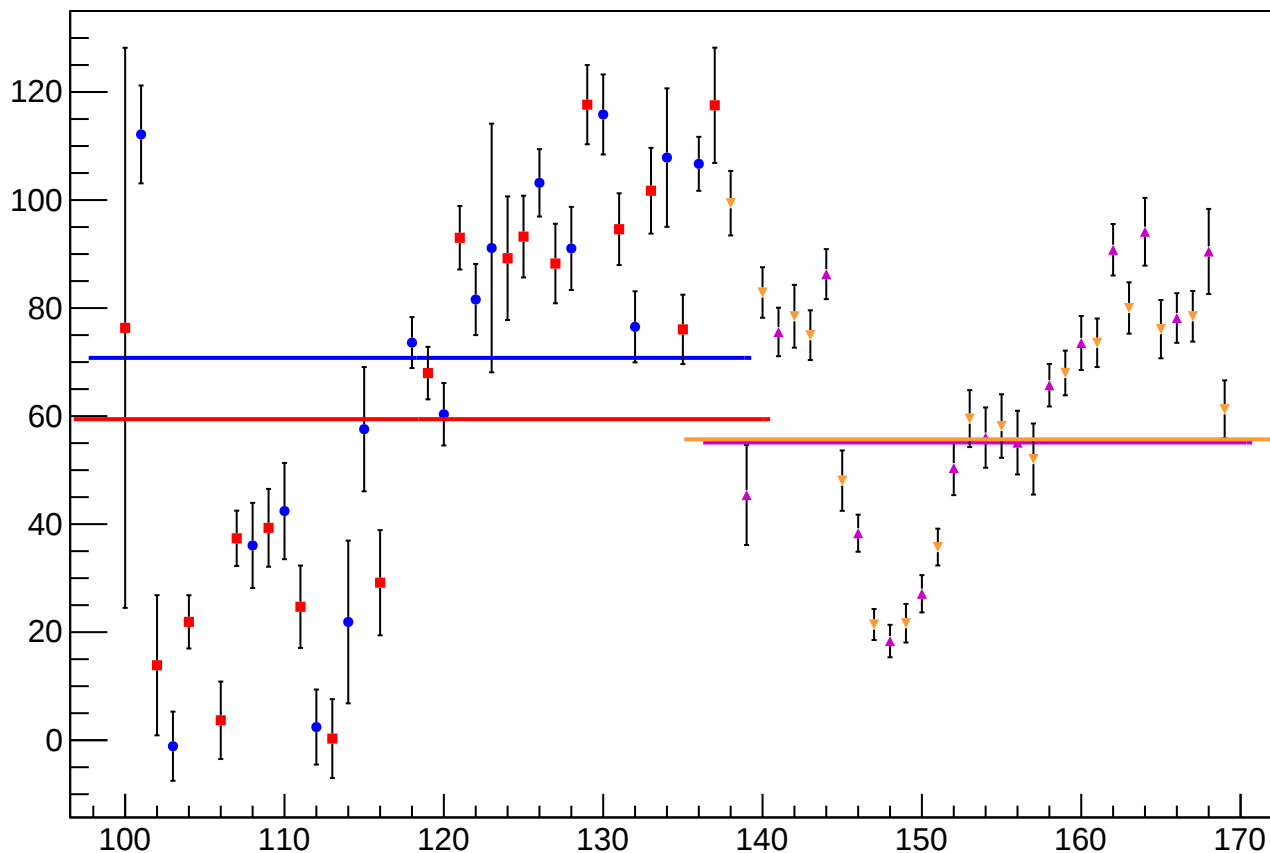
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 289.492 $\pm$ 1.246 χ^2 /NDF: 4408.5/31

Out: 286.984 $\pm$ 1.192 χ^2 /NDF: 4861.9/35

All: 288.182 $\pm$ 0.861 χ^2 /NDF: 9272.6/67

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: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

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

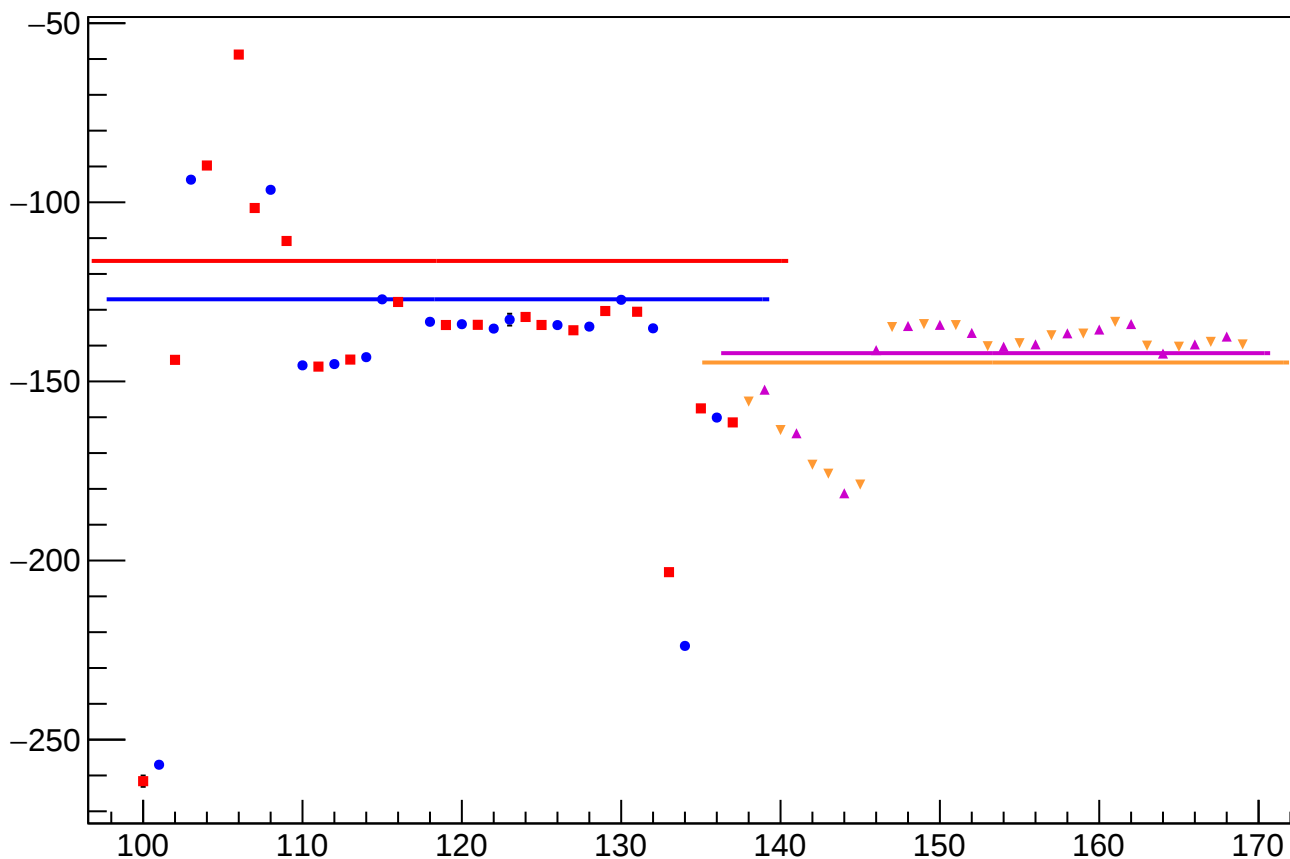
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 59.992 $\pm$ 0.974 χ^2 /NDF:947.6/31

Out: 56.873 $\pm$ 0.913 χ^2 /NDF:971.1/35

All: 58.331 $\pm$ 0.666 χ^2 /NDF: 1924.2/67

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: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -142.111+/-0.056 χ^2/NDF : 43845.7/14

Left: -143.461+/-0.039 χ^2/NDF : 115978.2/31

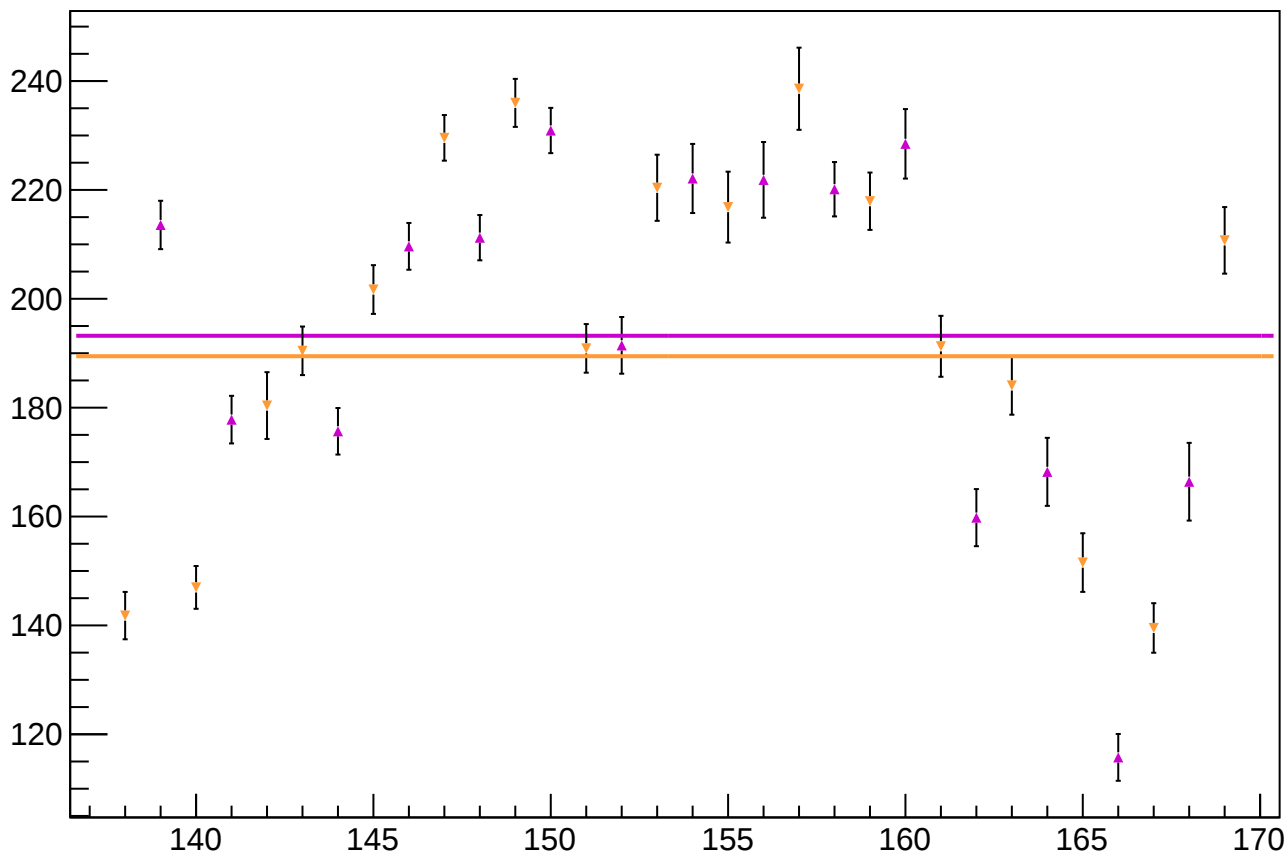
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.891+/-0.047 χ^2/NDF : 231161.8/31

Out: -136.270+/-0.045 χ^2/NDF : 320691.4/35

All: -137.043+/-0.033 χ^2/NDF : 552464.5/67

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 189.452 $\pm$ 1.210 χ^2/NDF :747.8/16

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 193.209 $\pm$ 1.280 χ^2/NDF :658.1/14

Left: 191.224 $\pm$ 0.879 χ^2/NDF : 1410.4/31

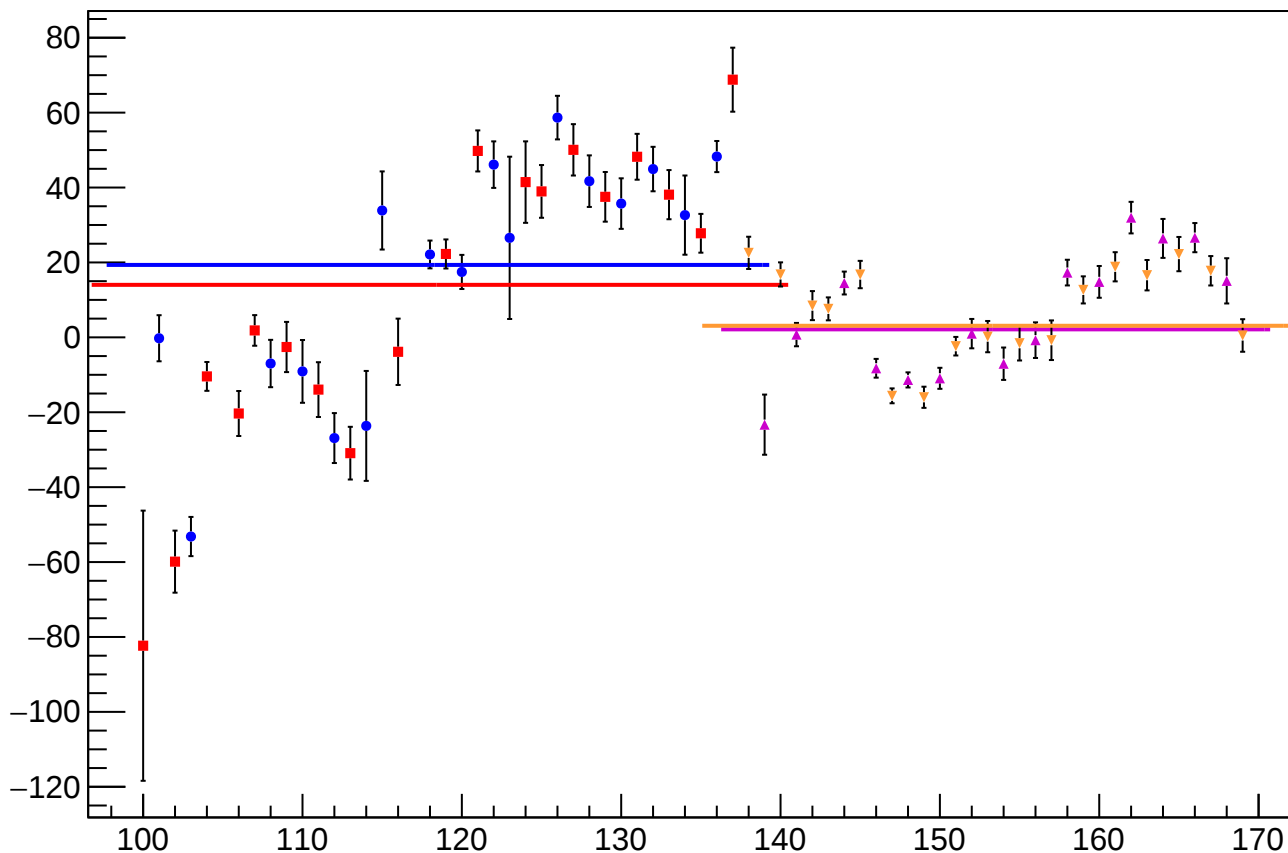
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 193.209 $\pm$ 1.280 χ^2/NDF :658.1/14

Out: 189.452 $\pm$ 1.210 χ^2/NDF :747.8/16

All: 191.224 $\pm$ 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: 14.018+/-1.390 χ^2 /NDF: 433.2/18

Left In: 2.130+/-0.895 χ^2 /NDF: 259.8/14

Left: 2.646+/-0.609 χ^2 /NDF: 524.7/31

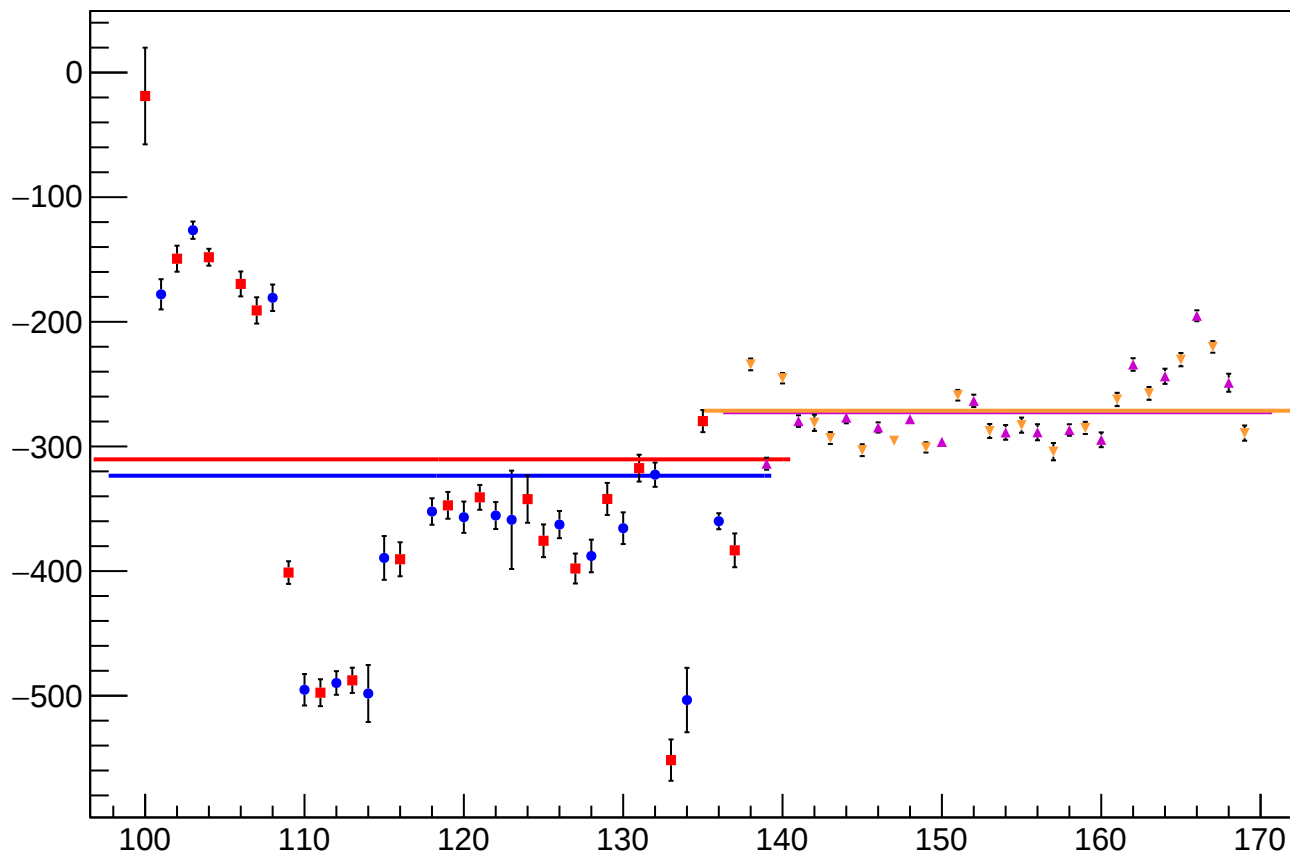
Right: 16.507+/-1.014 χ^2 /NDF: 879.9/35

In: 6.728+/-0.766 χ^2 /NDF: 798.4/31

Out: 5.966+/-0.713 χ^2 /NDF: 743.0/35

All: 6.320+/-0.522 χ^2 /NDF: 1541.9/67

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 $\pm$ 2.673 χ^2 /NDF: 1847.6/16

Left Out: -271.327 $\pm$ 1.200 χ^2 /NDF:506.5/16

Right Out: -310.336 $\pm$ 2.522 χ^2 /NDF: 2300.5/18

Left In: -272.547 $\pm$ 1.256 χ^2 /NDF:568.8/14

Left: -271.909 $\pm$ 0.867 χ^2 /NDF: 1075.8/31

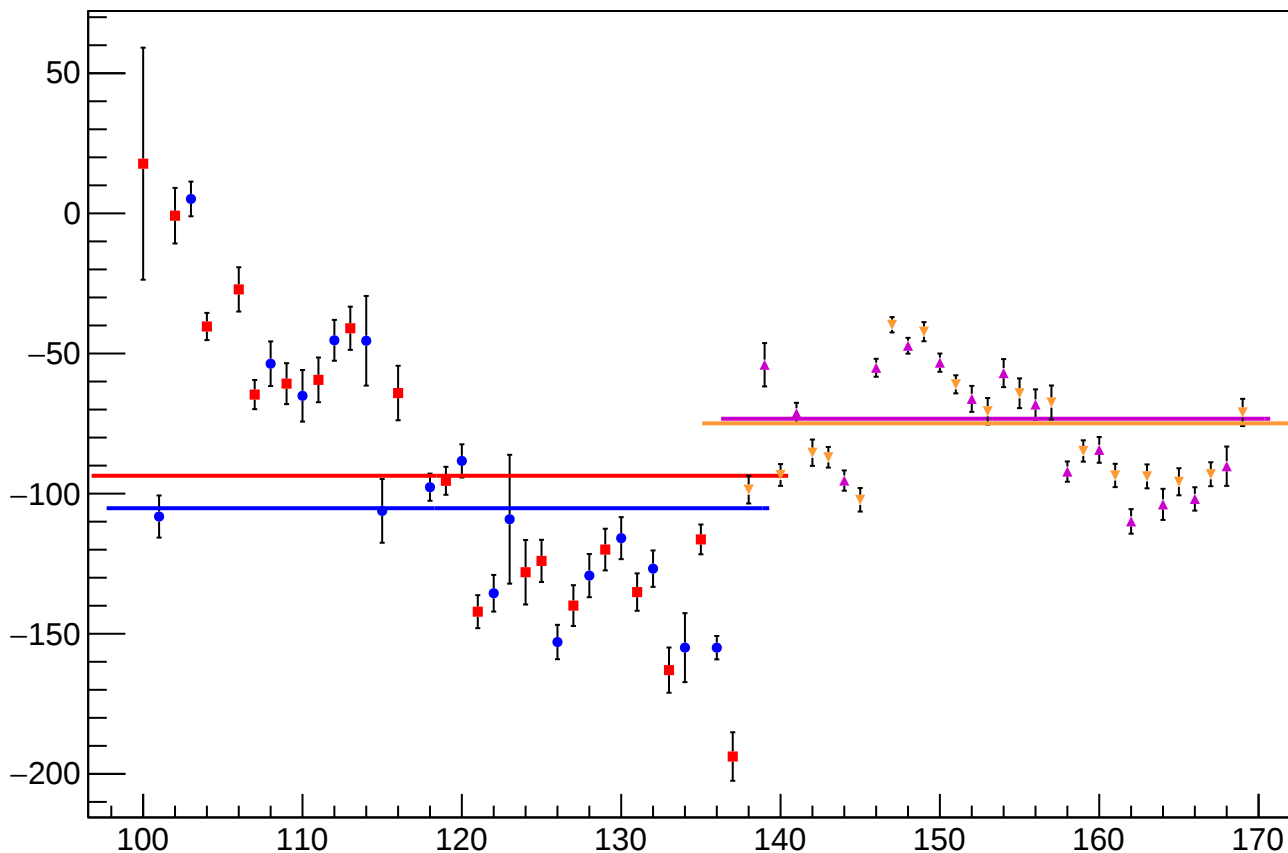
Right: -316.531 $\pm$ 1.834 χ^2 /NDF: 4160.9/35

In: -281.757 $\pm$ 1.136 χ^2 /NDF:2714.0/31

Out: -278.529 $\pm$ 1.084 χ^2 /NDF:3002.1/35

All: -280.066 $\pm$ 0.784 χ^2 /NDF: 5720.4/67

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: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -73.275 ± 1.061 χ^2/NDF : 398.9/14

Left: -74.158 ± 0.722 χ^2/NDF : 869.1/31

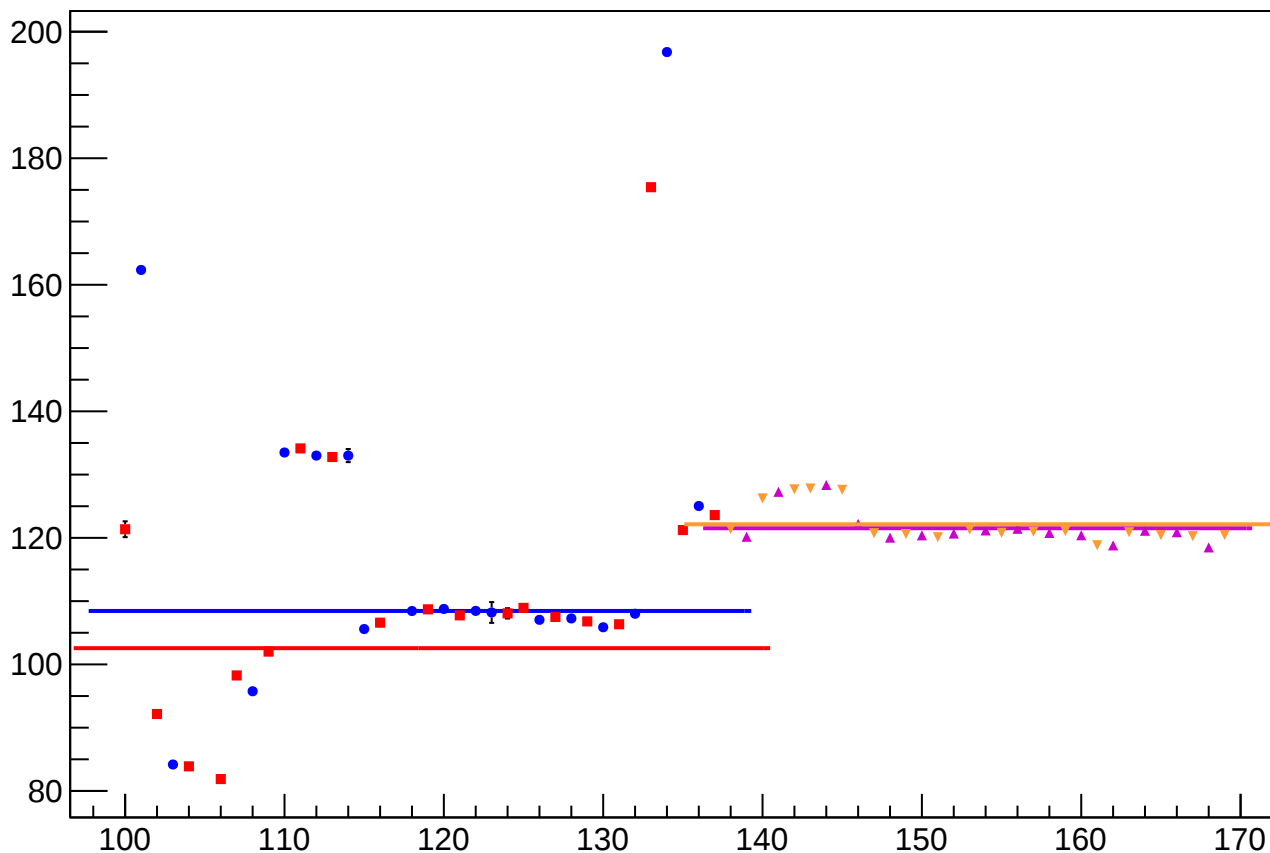
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -82.250 ± 0.900 χ^2/NDF : 1389.1/31

Out: -80.027 ± 0.841 χ^2/NDF : 1389.6/35

All: -81.064 ± 0.614 χ^2/NDF : 2782.0/67

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: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

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

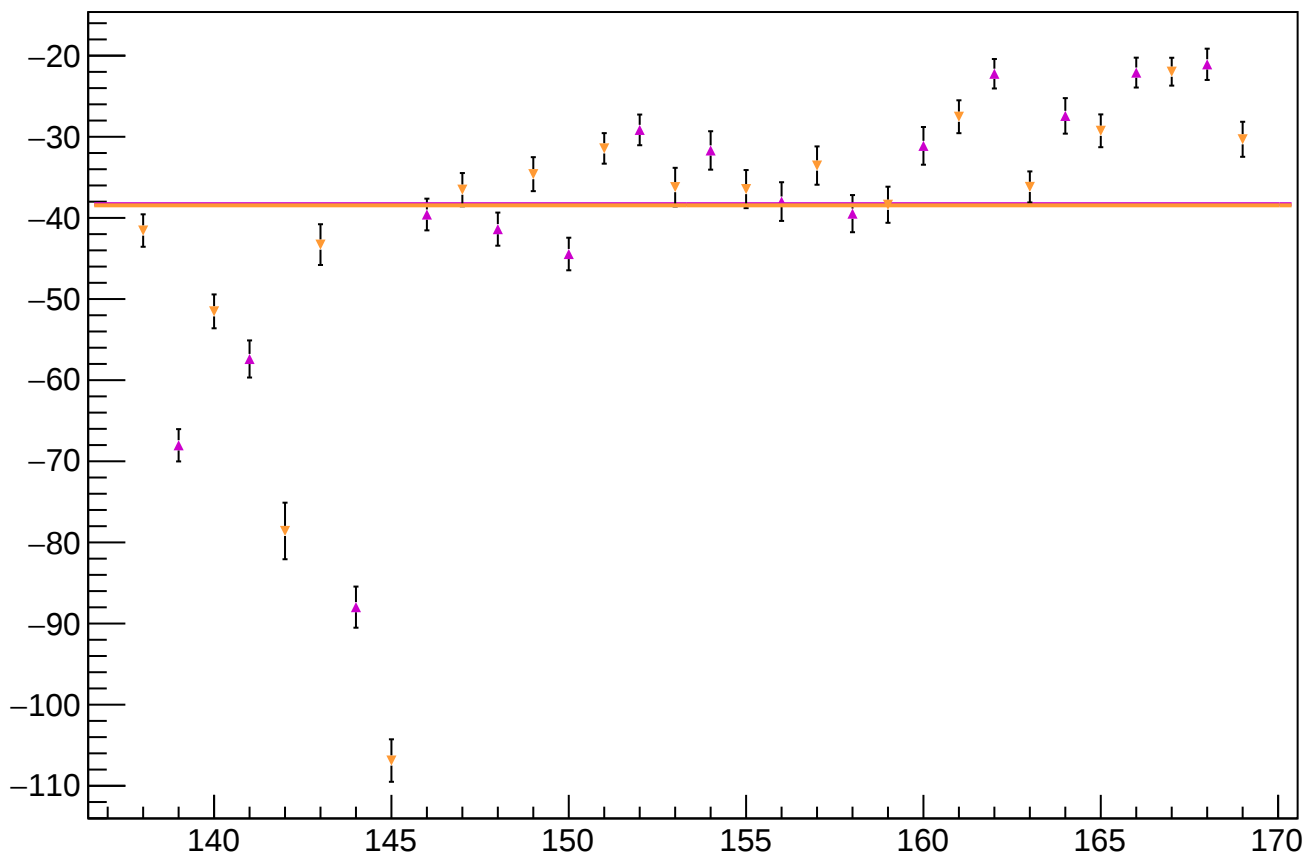
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.125 $\pm$ 0.043 χ^2 /NDF: 93560.7/31

Out: 116.901 $\pm$ 0.041 χ^2 /NDF: 101185.4/35

All: 117.482 $\pm$ 0.030 χ^2 /NDF: 195167.1/67

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected

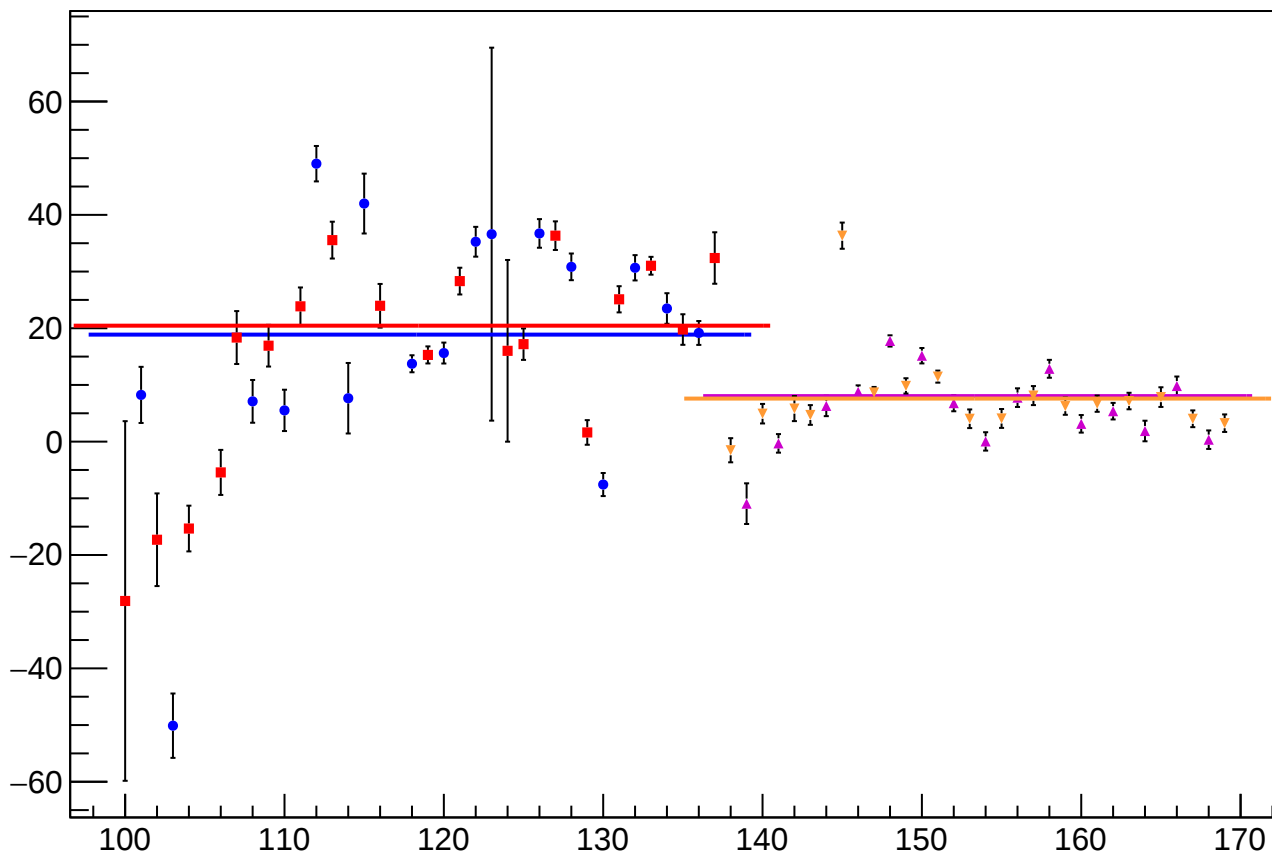


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.449+/-0.522 χ^2/NDF :1042.1/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.307+/-0.540 χ^2/NDF :990.1/14

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: 20.454+/-0.643 χ^2/NDF : 364.8/18

Left In: 8.029+/-0.388 χ^2/NDF :261.3/14

Left: 7.799+/-0.266 χ^2/NDF : 482.1/31

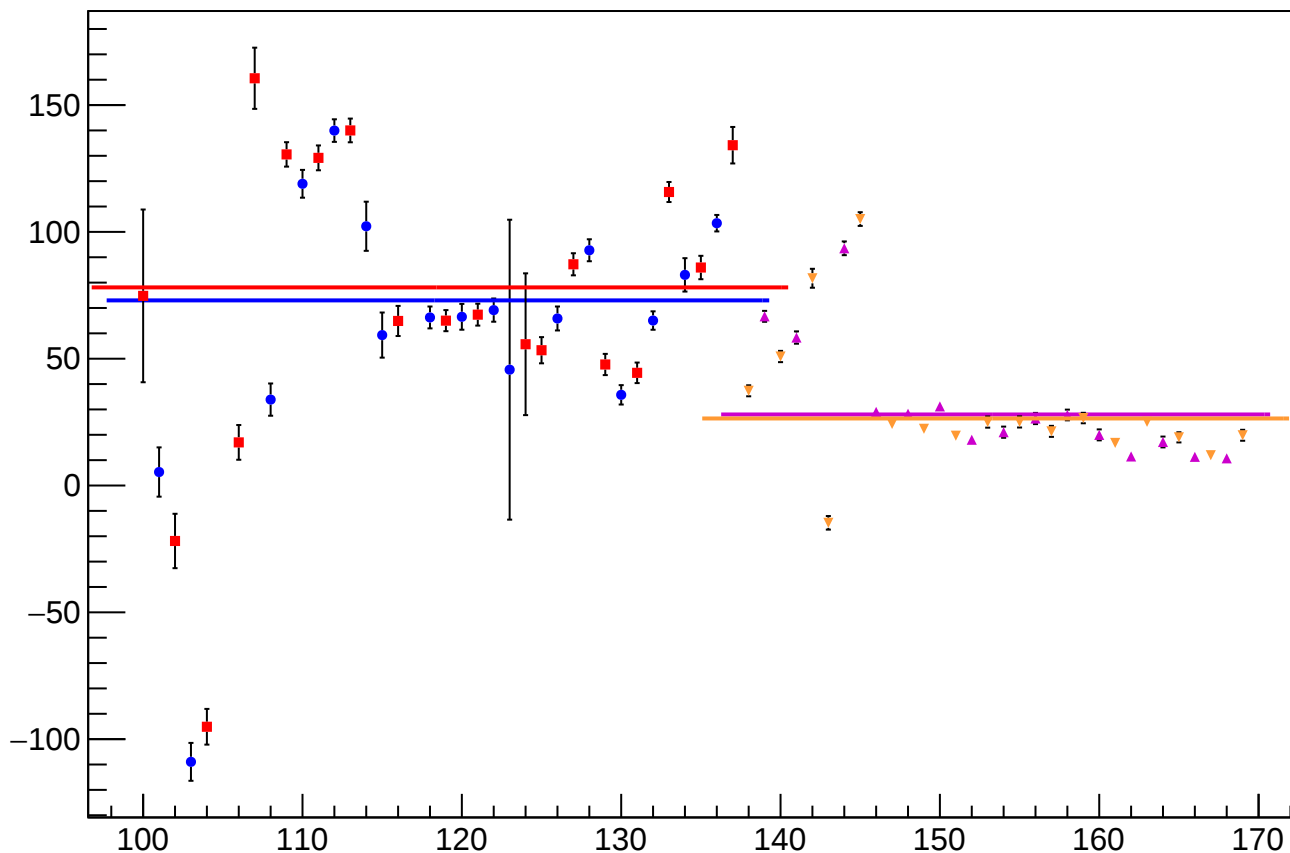
Right: 19.666+/-0.455 χ^2/NDF : 988.3/35

In: 10.916+/-0.332 χ^2/NDF :1089.7/31

Out: 10.744+/-0.318 χ^2/NDF :886.6/35

All: 10.826+/-0.230 χ^2/NDF : 1976.4/67

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: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

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

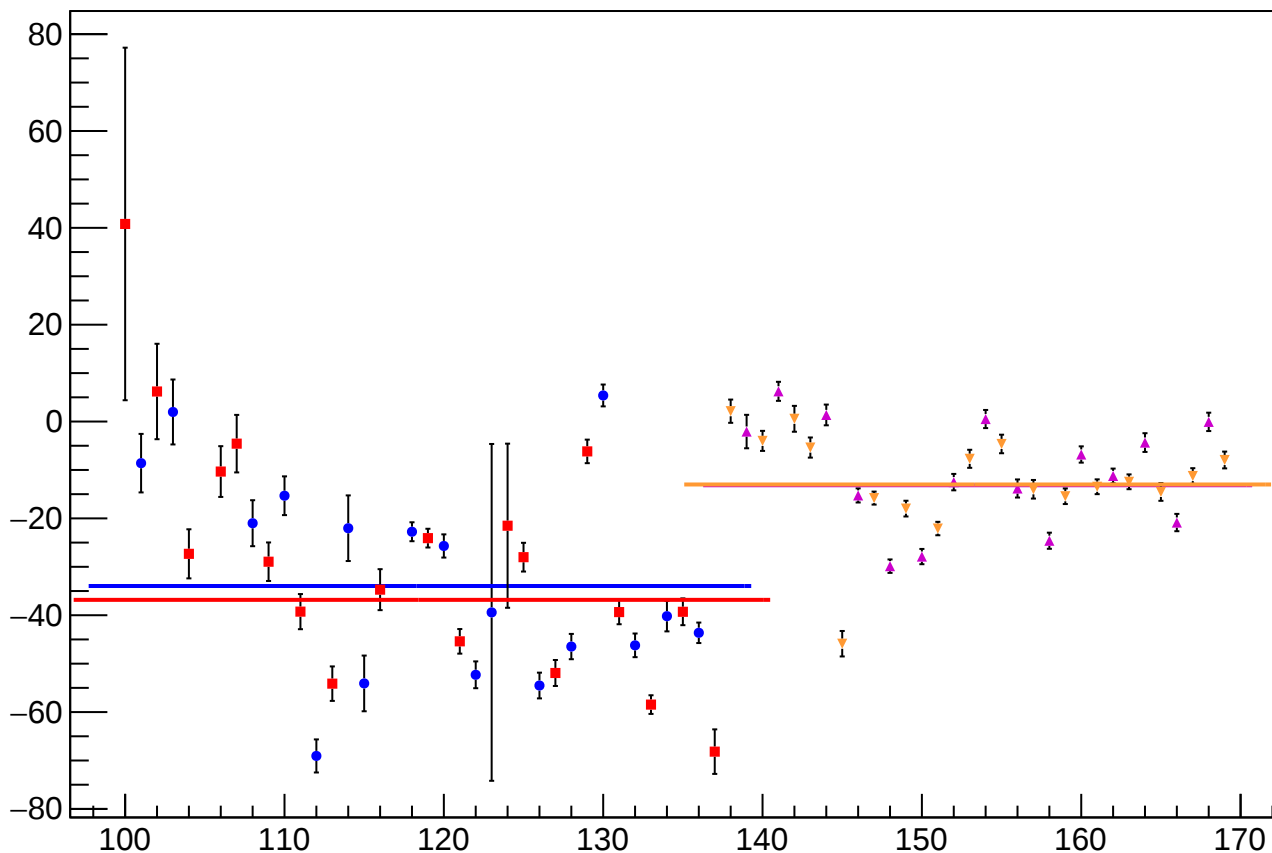
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 34.971 $\pm$ 0.484 χ^2 /NDF:3729.3/31

Out: 34.150 $\pm$ 0.473 χ^2 /NDF:4655.0/35

All: 34.551 $\pm$ 0.338 χ^2 /NDF: 8385.8/67

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: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.159 ± 0.453 χ^2/NDF : 591.8/14

Left: -13.075 ± 0.311 χ^2/NDF : 943.0/31

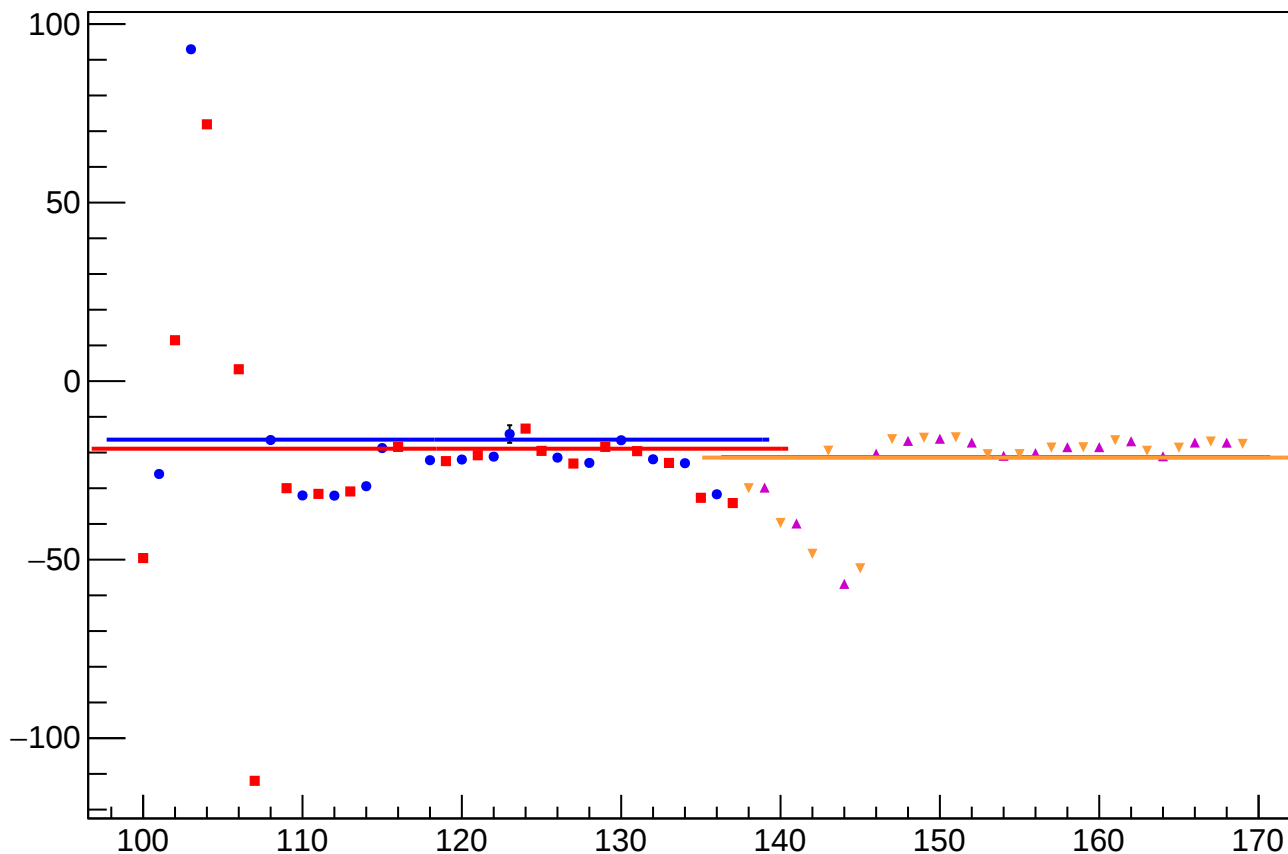
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -18.854 ± 0.386 χ^2/NDF : 1891.6/31

Out: -19.007 ± 0.370 χ^2/NDF : 1673.0/35

All: -18.934 ± 0.267 χ^2/NDF : 3564.7/67

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: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -21.293 ± 0.021 $\chi^2/\text{NDF}: 160664.3/14$

Left: -21.357 ± 0.014 $\chi^2/\text{NDF}: 352014.5/31$

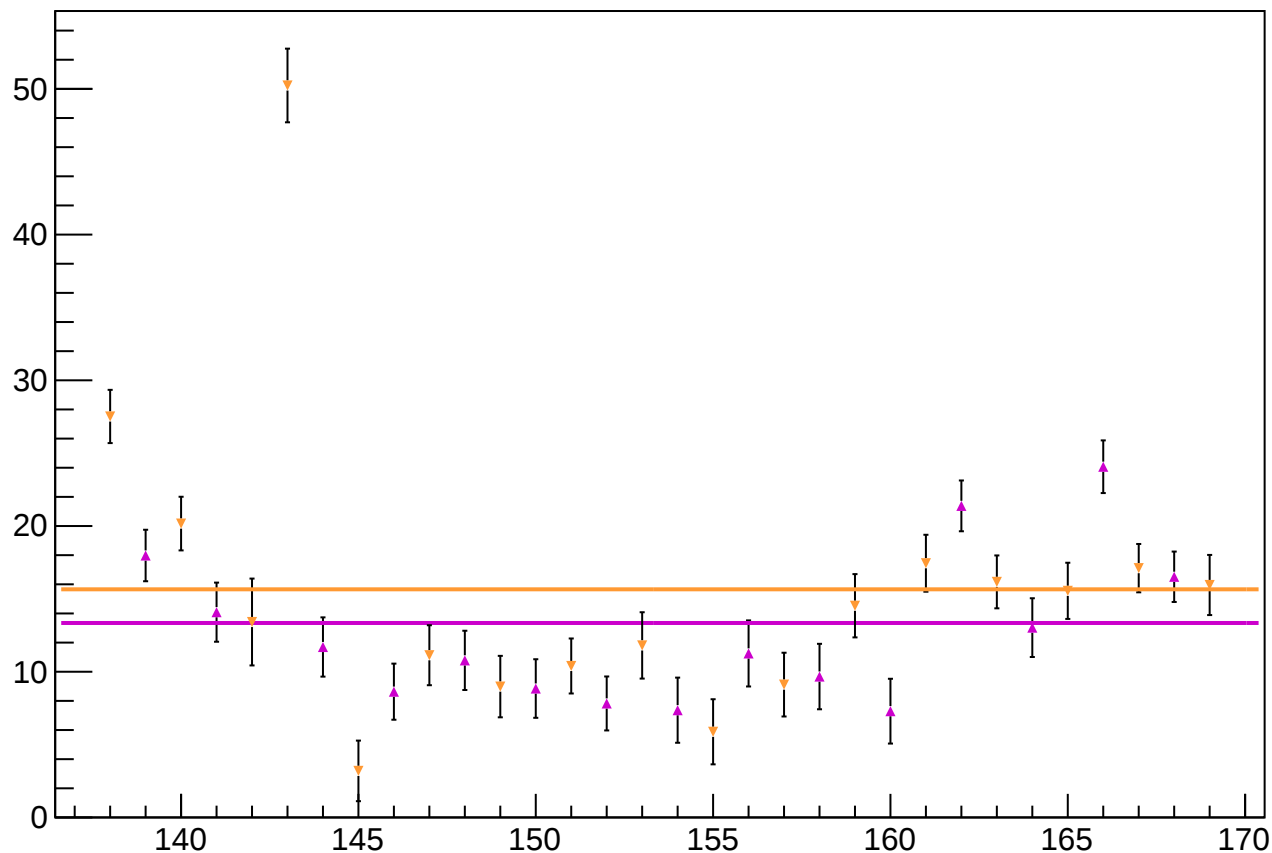
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.418 ± 0.019 $\chi^2/\text{NDF}: 644968.2/31$

Out: -21.006 ± 0.018 $\chi^2/\text{NDF}: 628009.3/35$

All: -20.718 ± 0.013 $\chi^2/\text{NDF}: 1273477.0/67$

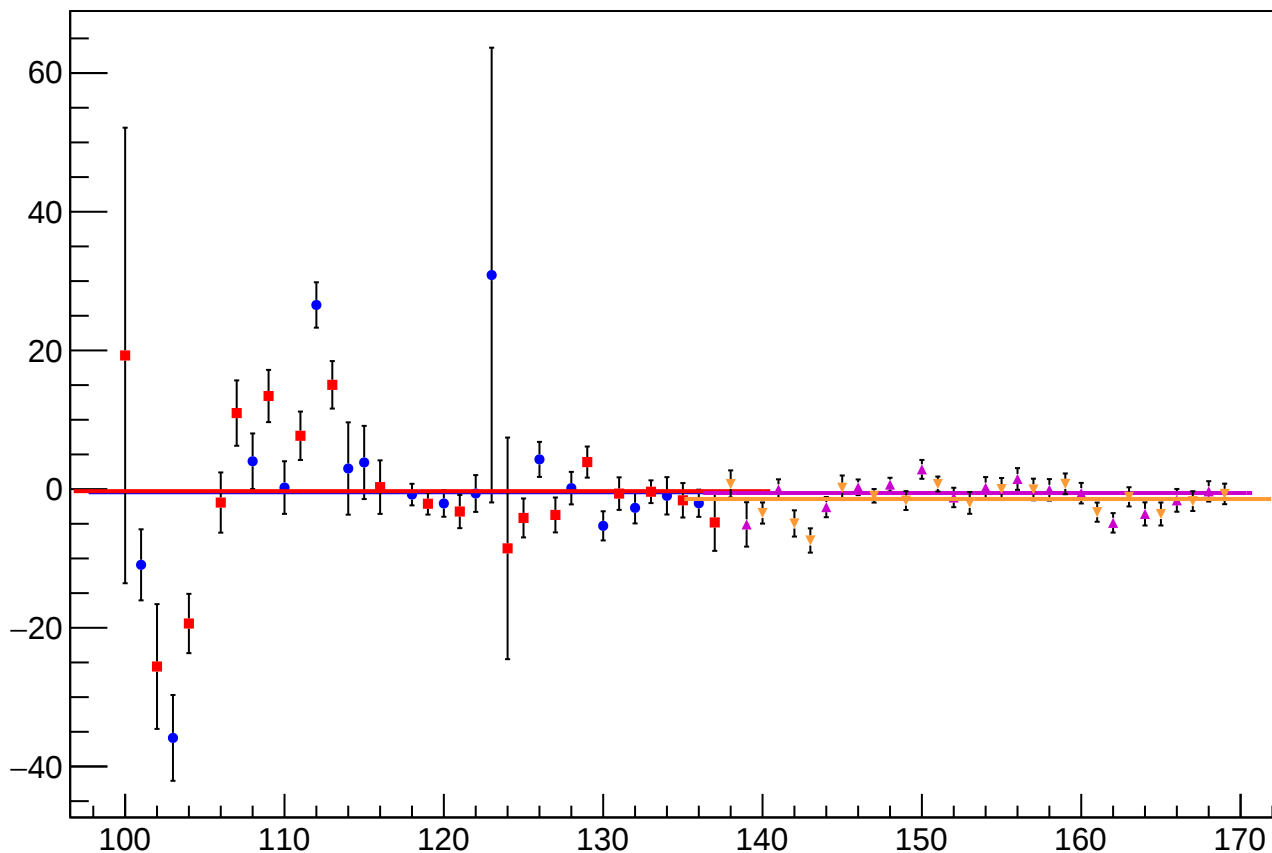
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 15.656 $\pm$ 0.495 χ^2 /NDF:327.3/16
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.346 $\pm$ 0.509 χ^2 /NDF:107.1/14

Left: 14.533 $\pm$ 0.355 χ^2 /NDF: 445.0/31
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.346 $\pm$ 0.509 χ^2 /NDF:107.1/14
 Out: 15.656 $\pm$ 0.495 χ^2 /NDF:327.3/16
 All: 14.533 $\pm$ 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: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.560 ± 0.370 χ^2/NDF : 27.7/14

Left: -1.017 ± 0.255 χ^2/NDF : 61.7/31

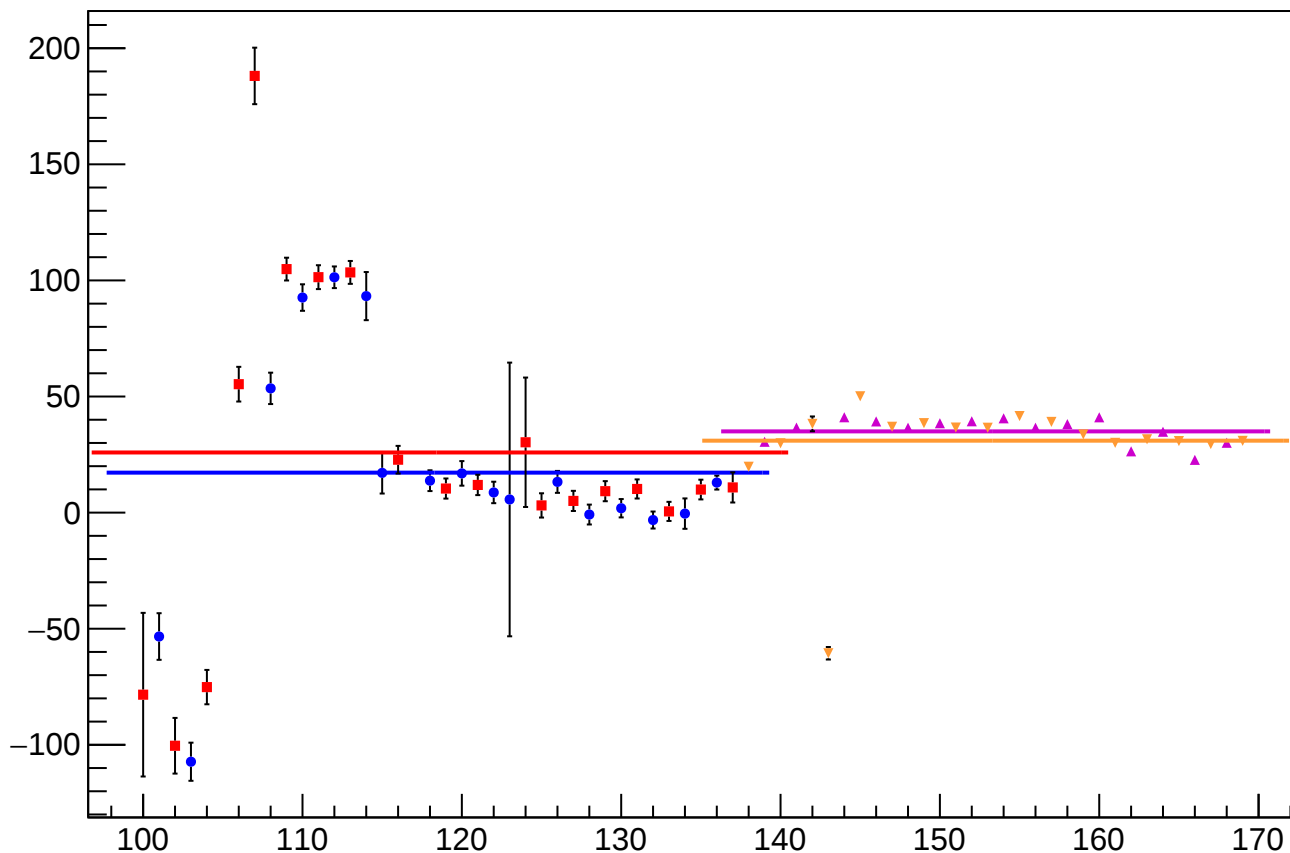
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.534 ± 0.322 χ^2/NDF : 147.3/31

Out: -1.178 ± 0.310 χ^2/NDF : 117.8/35

All: -0.868 ± 0.223 χ^2/NDF : 267.2/67

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 30.984+/-0.487 χ^2/NDF :1353.3/16

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 34.984+/-0.498 χ^2/NDF :126.8/14

Left: 32.941+/-0.348 χ^2/NDF : 1513.0/31

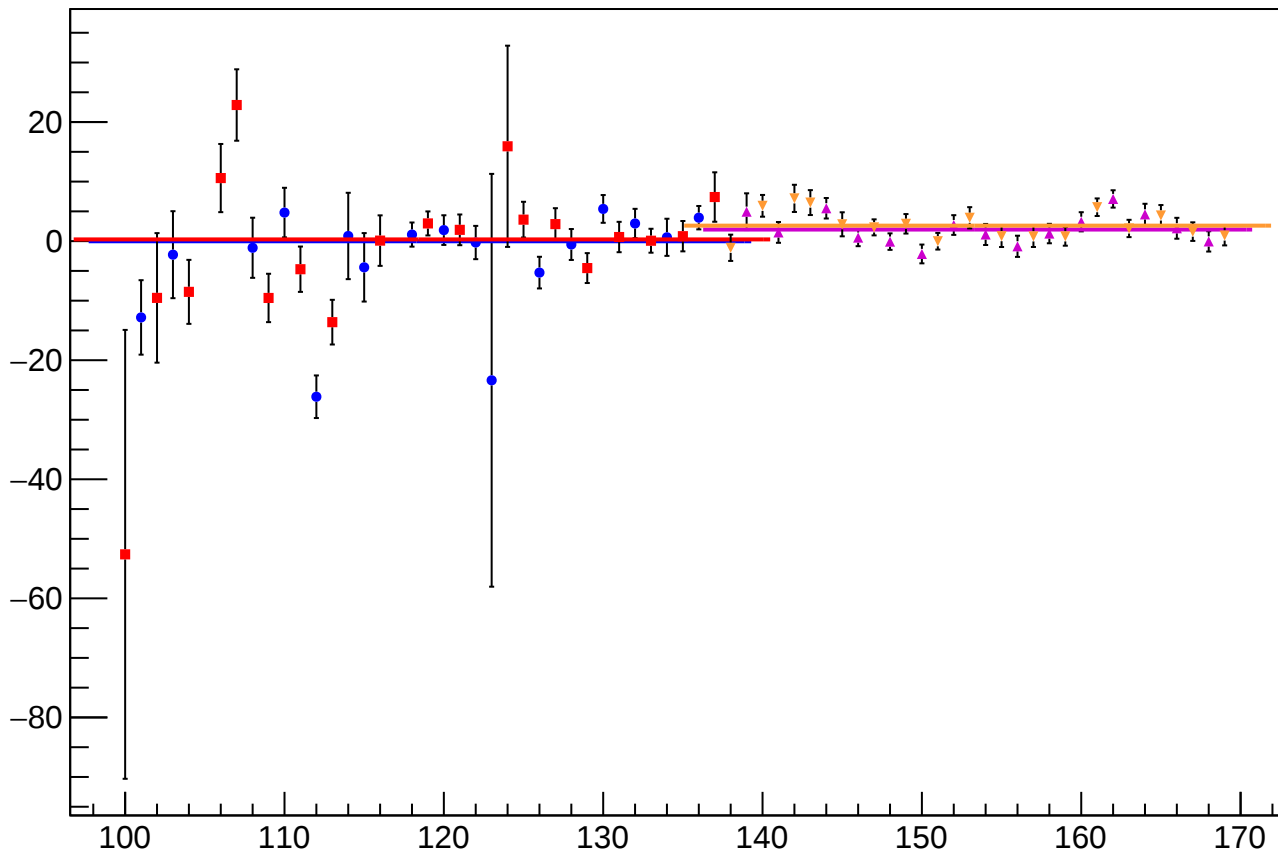
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 32.519+/-0.462 χ^2/NDF :1243.4/31

Out: 30.307+/-0.454 χ^2/NDF :2742.6/35

All: 31.393+/-0.324 χ^2/NDF : 3997.6/67

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: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.945 ± 0.431 χ^2/NDF : 34.7/14

Left: 2.291 ± 0.297 χ^2/NDF : 63.9/31

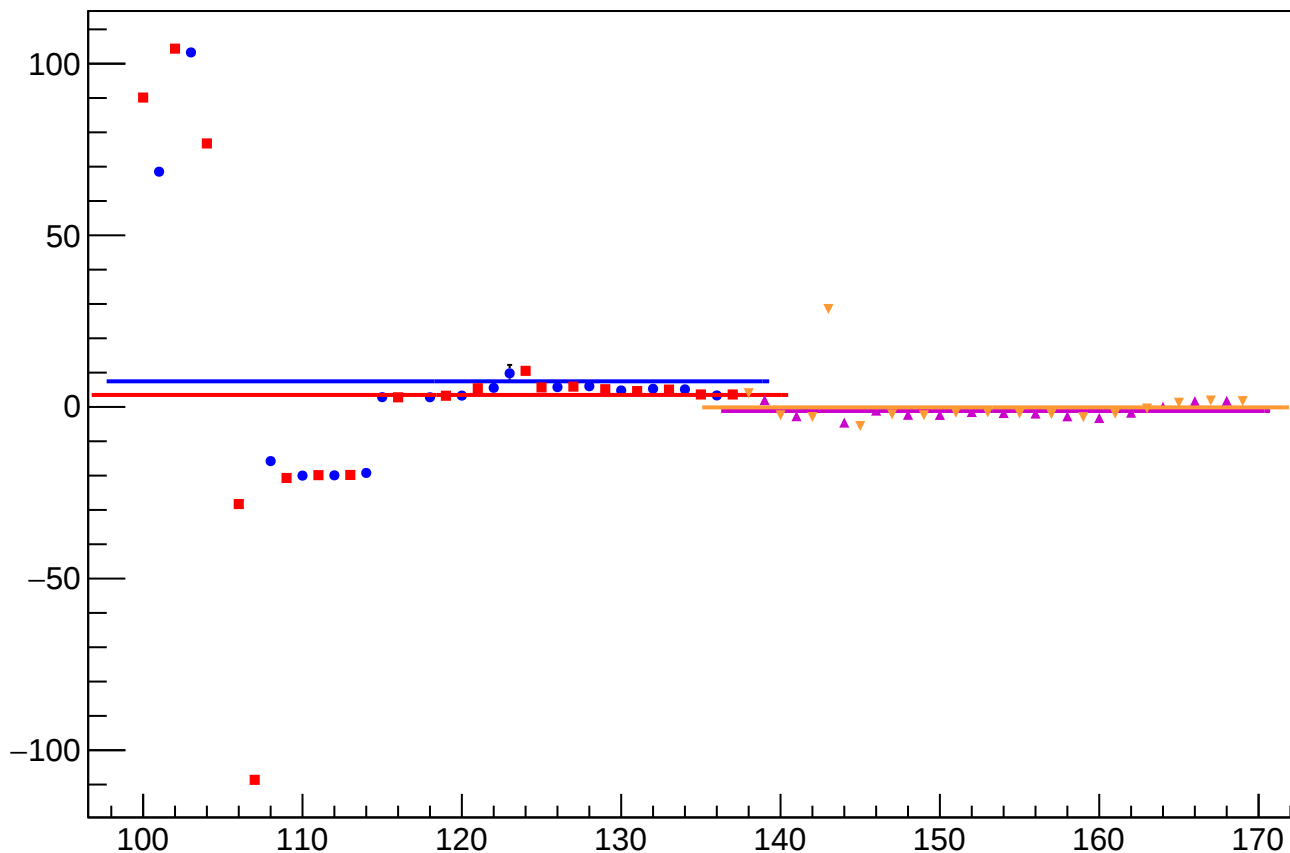
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.453 ± 0.373 χ^2/NDF : 115.8/31

Out: 2.071 ± 0.359 χ^2/NDF : 91.3/35

All: 1.774 ± 0.259 χ^2/NDF : 208.5/67

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: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.173+/-0.020 χ^2/NDF : 9043.5/14

Left: -0.637+/-0.014 χ^2/NDF : 96137.3/31

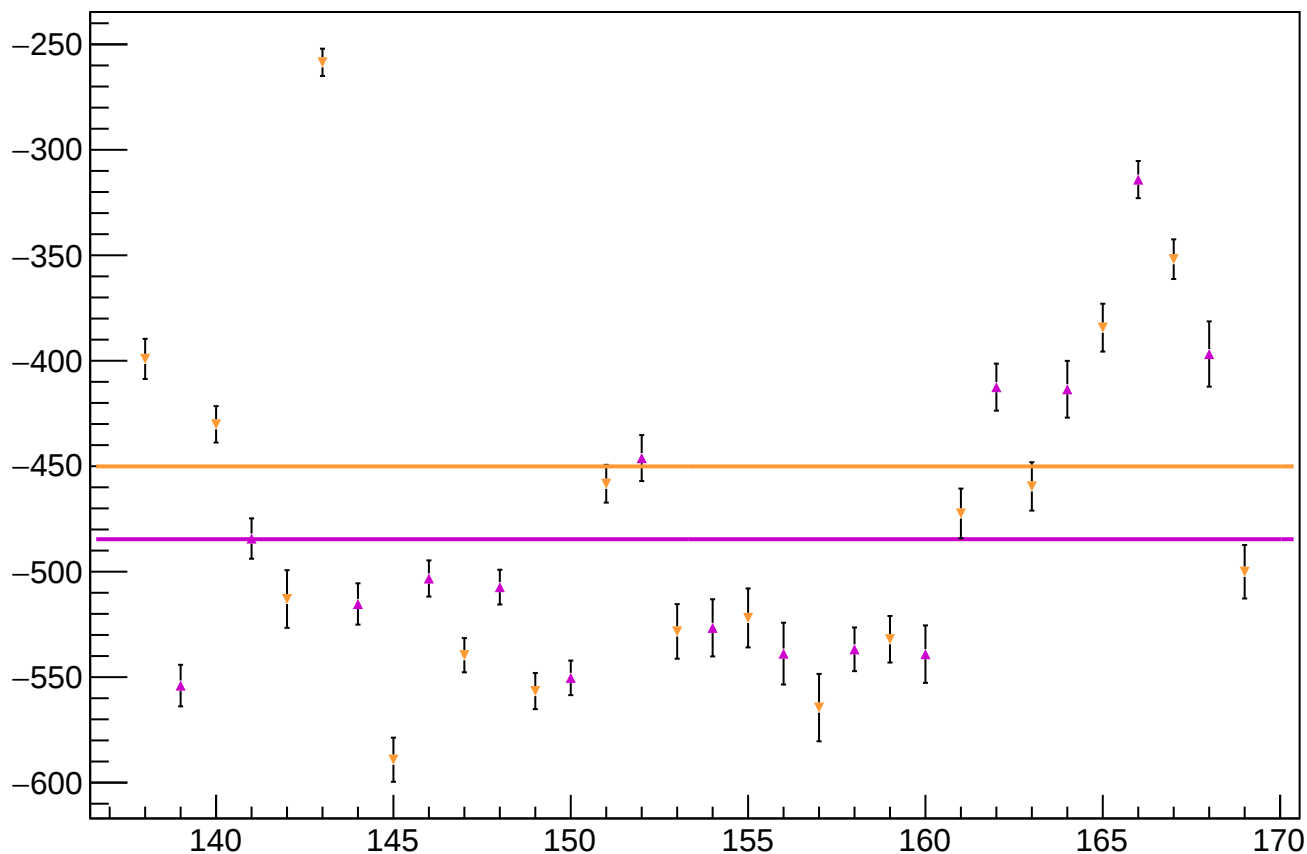
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.227+/-0.018 χ^2/NDF : 396564.7/31

Out: 0.414+/-0.018 χ^2/NDF : 601600.4/35

All: 0.322+/-0.013 χ^2/NDF : 998220.1/67

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

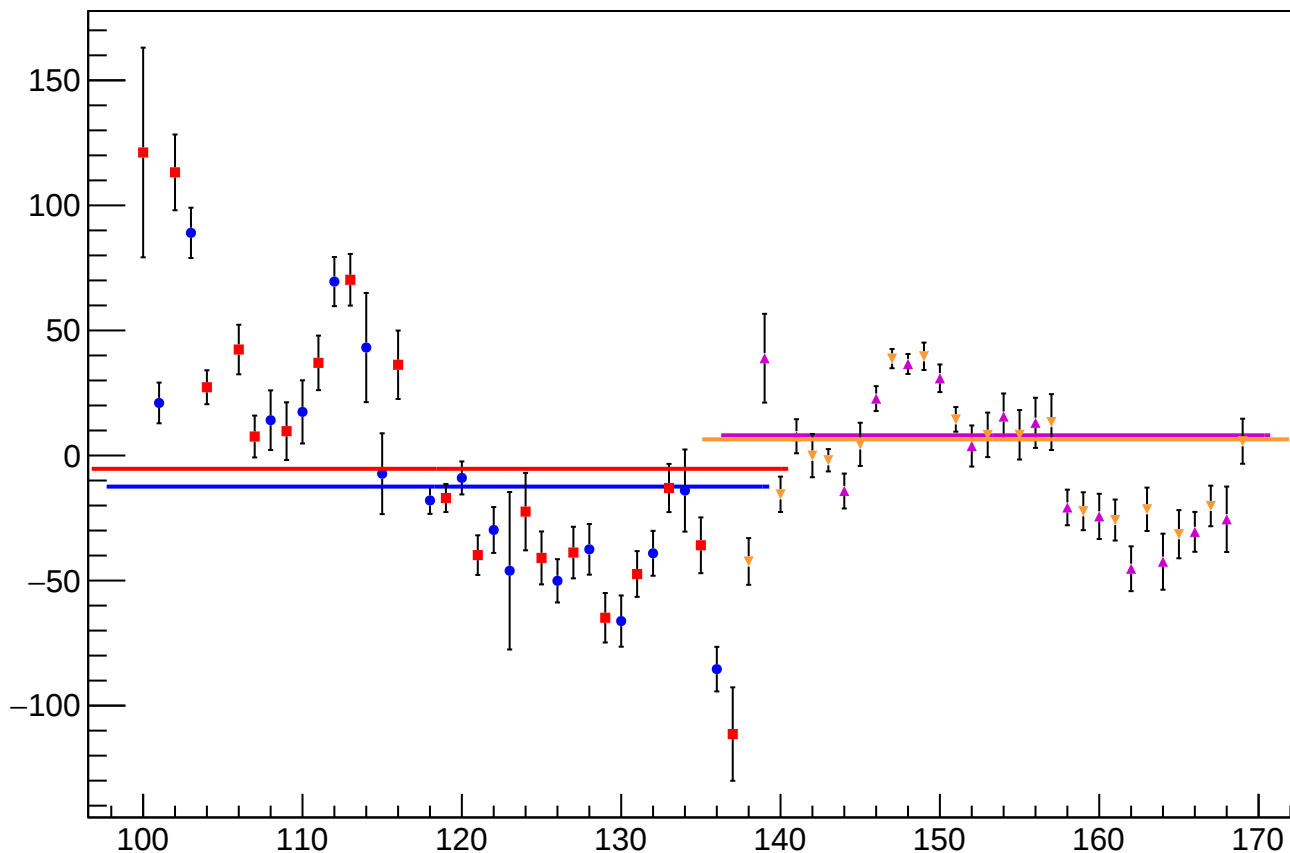
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 8.075 ± 1.851 χ^2/NDF : 206.4/14

Left: 7.182 ± 1.233 χ^2/NDF : 424.9/31

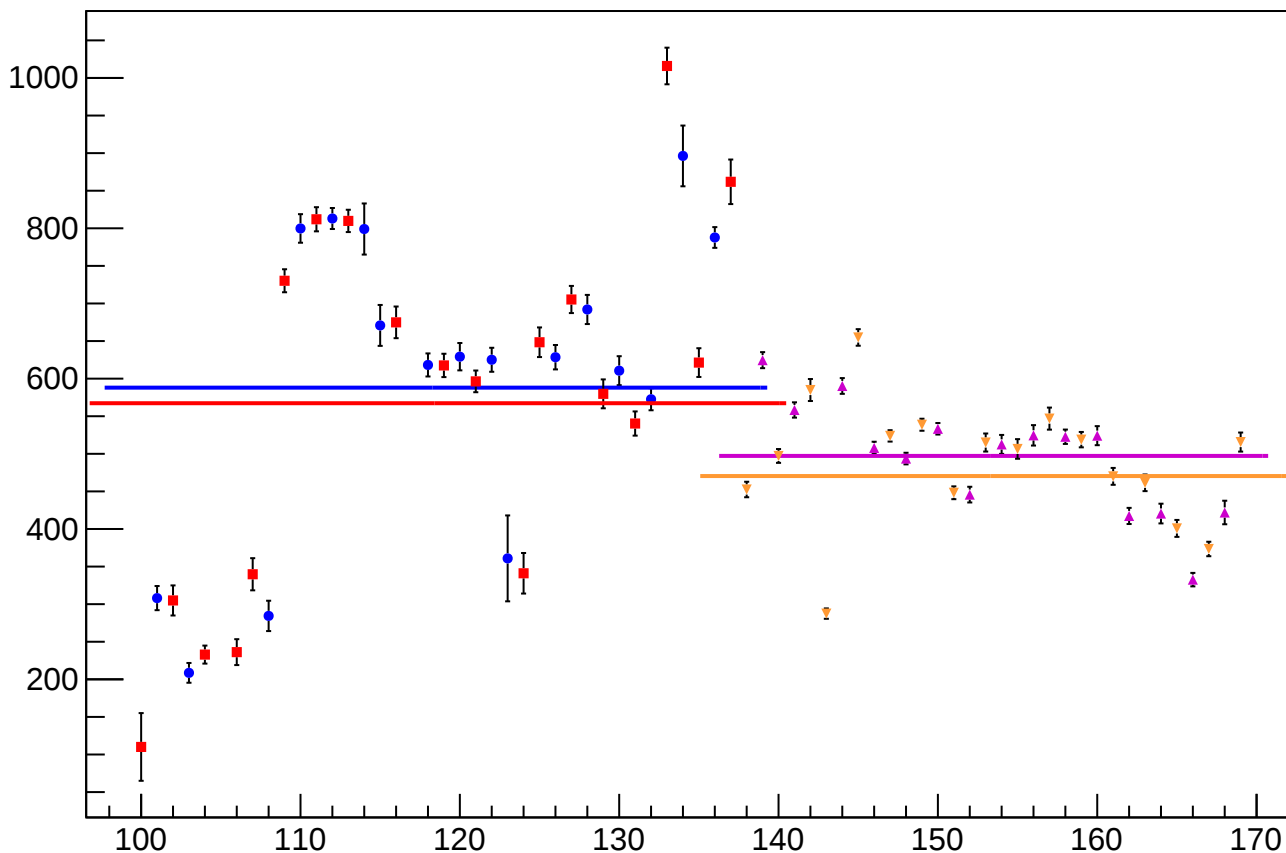
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 0.076 ± 1.446 χ^2/NDF : 594.5/31

Out: 2.358 ± 1.335 χ^2/NDF : 578.6/35

All: 1.308 ± 0.981 χ^2/NDF : 1174.4/67

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 470.428 $\pm$ 2.427 χ^2 /NDF:1407.7/16

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 497.219 $\pm$ 2.623 χ^2 /NDF:772.6/14

Left: 482.782 $\pm$ 1.781 χ^2 /NDF: 2236.5/31

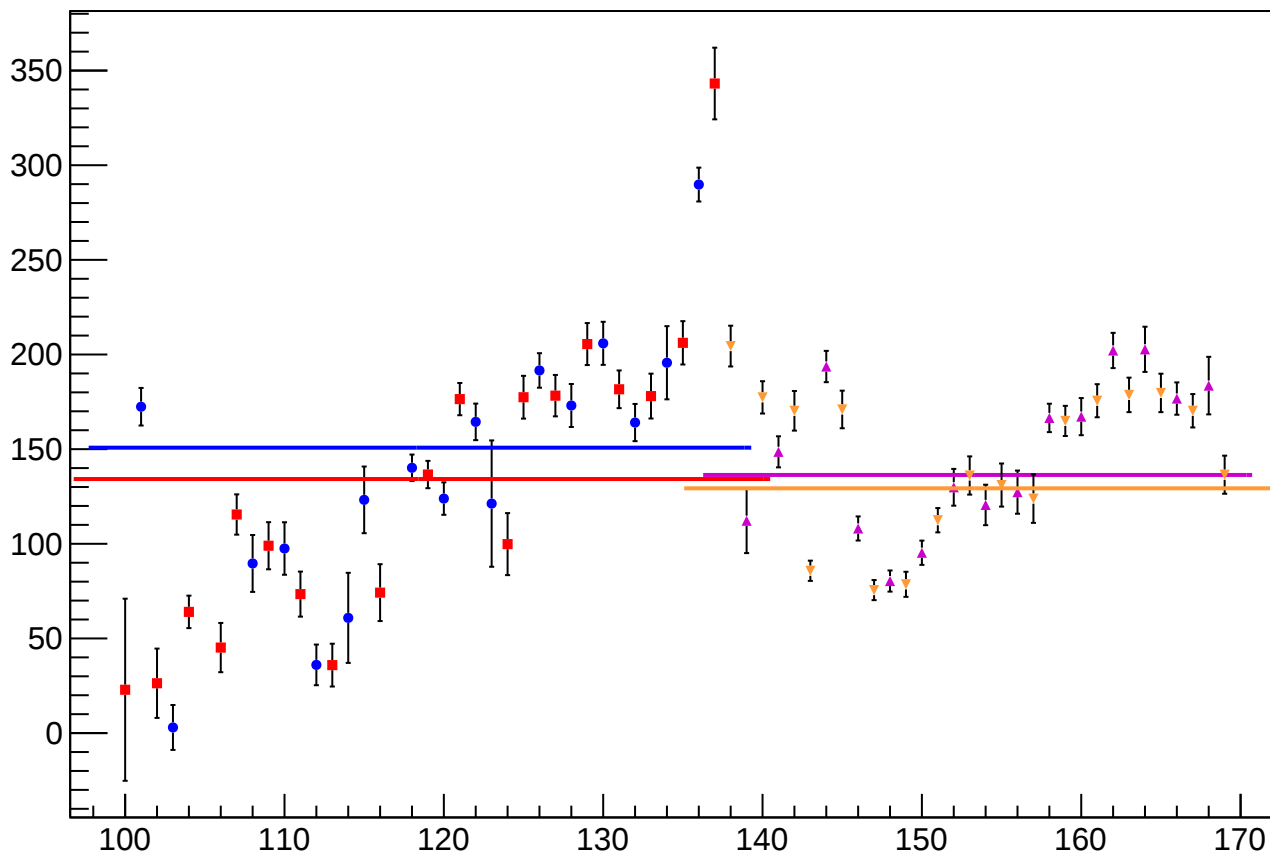
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 521.610 $\pm$ 2.243 χ^2 /NDF:3222.3/31

Out: 495.264 $\pm$ 2.093 χ^2 /NDF:4600.6/35

All: 507.521 $\pm$ 1.530 χ^2 /NDF: 7896.6/67

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: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

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

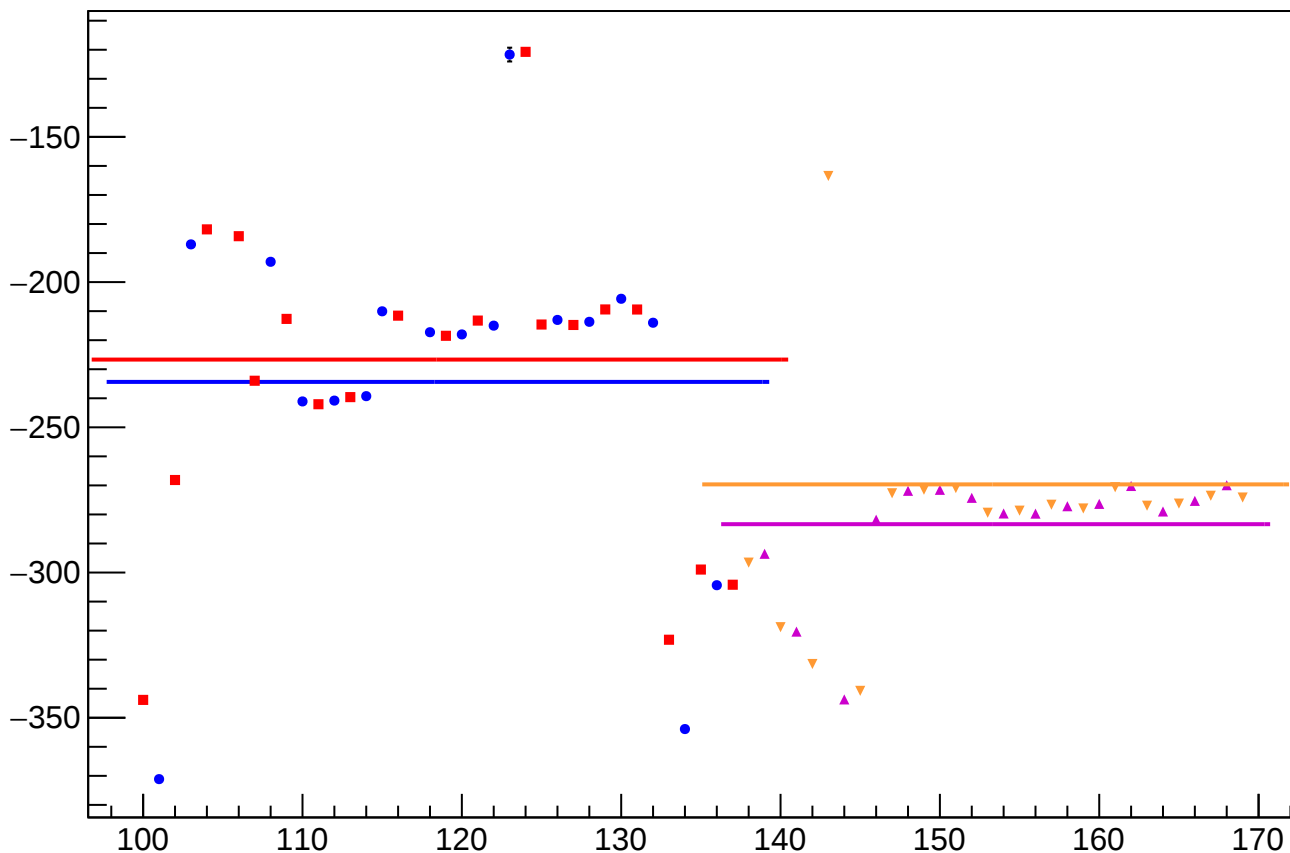
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 142.191 $\pm$ 1.702 χ^2 /NDF: 1006.1/31

Out: 131.093 $\pm$ 1.576 χ^2 /NDF: 1056.5/35

All: 136.216 $\pm$ 1.157 χ^2 /NDF: 2085.5/67

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: -226.674+/-0.141 χ^2 /NDF: 99490.5/18

Left In: -283.348+/-0.105 χ^2 /NDF:31777.6/14

Left: -275.976+/-0.072 χ^2 /NDF: 246056.6/31

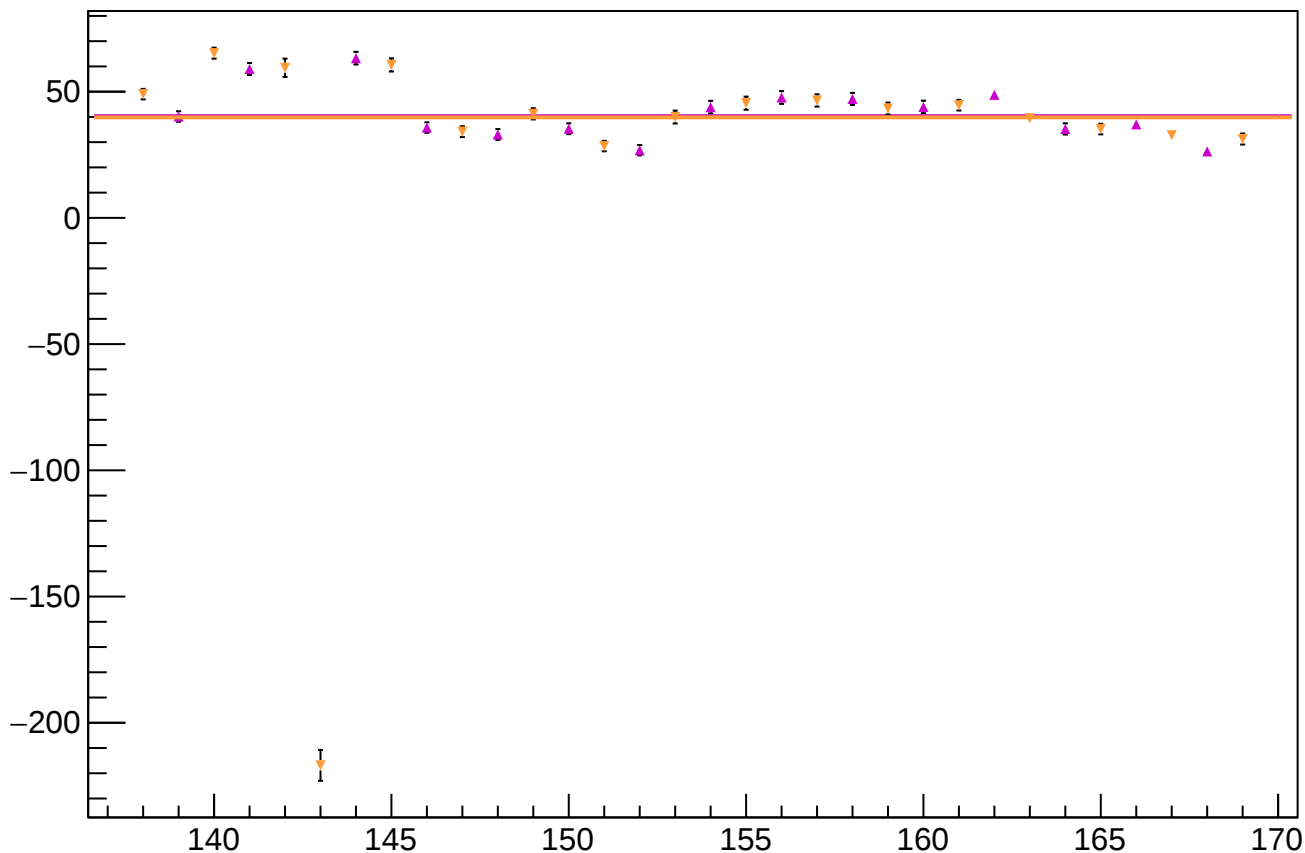
Right: -230.326+/-0.102 χ^2 /NDF: 246056.0/35

In: -266.941+/-0.086 χ^2 /NDF:249335.3/31

Out: -255.753+/-0.080 χ^2 /NDF:367295.9/35

All: -260.970+/-0.059 χ^2 /NDF: 625678.5/67

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

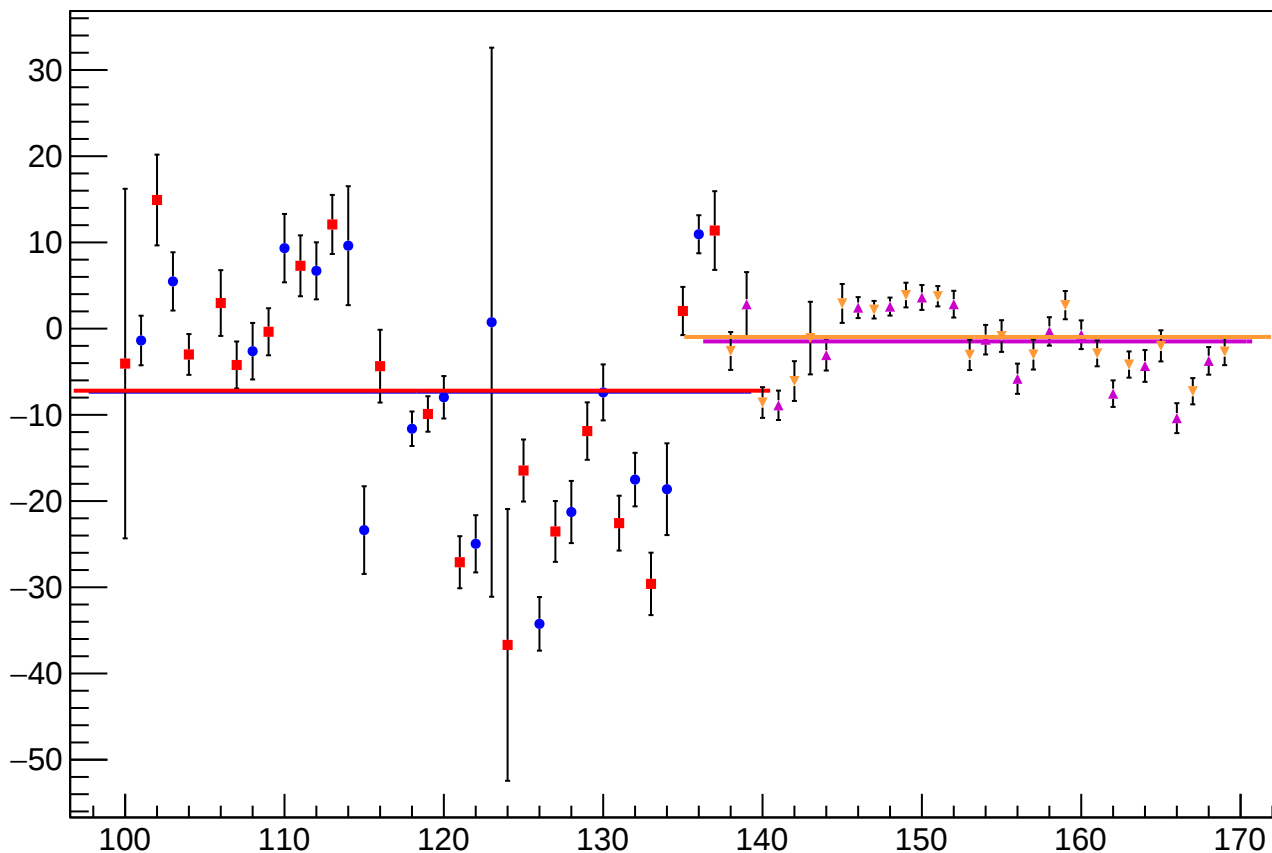
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.483 ± 0.407 χ^2/NDF : 119.5/14

Left: -1.215 ± 0.283 χ^2/NDF : 216.7/31

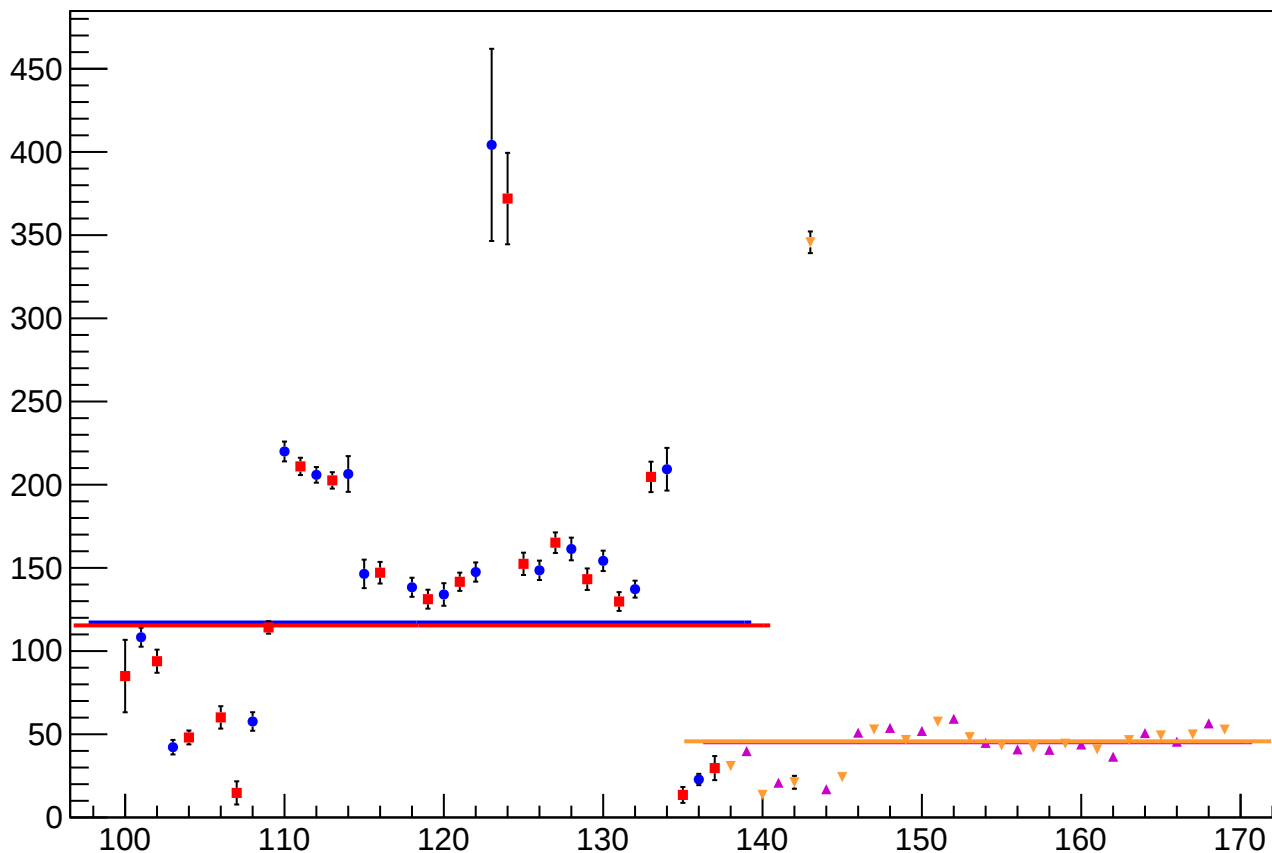
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.729 ± 0.361 χ^2/NDF : 442.5/31

Out: -2.276 ± 0.349 χ^2/NDF : 401.4/35

All: -2.495 ± 0.251 χ^2/NDF : 844.7/67

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 45.763 $\pm$ 0.546 χ^2 /NDF:2536.3/16

Right Out: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 45.198 $\pm$ 0.550 χ^2 /NDF:370.1/14

Left: 45.483 $\pm$ 0.388 χ^2 /NDF: 2906.8/31

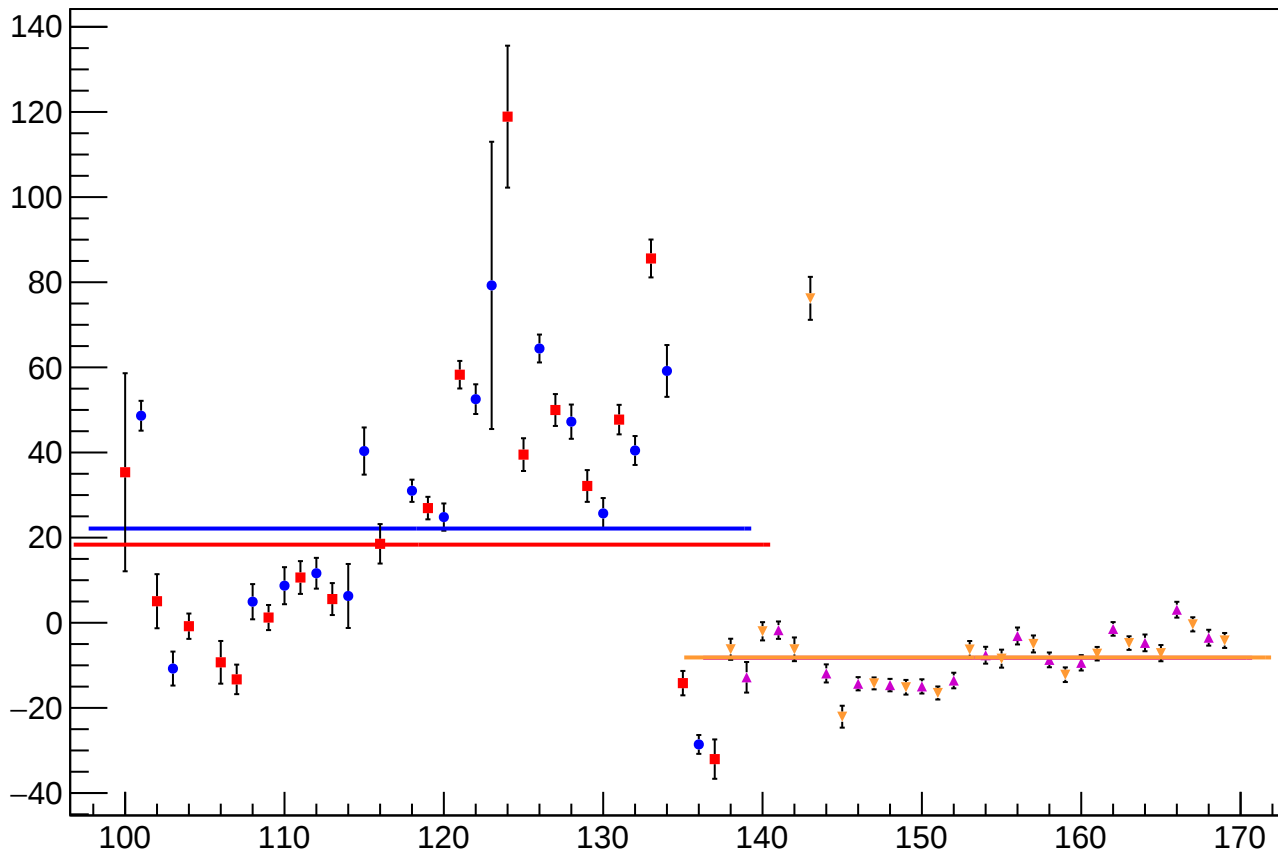
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 54.700 $\pm$ 0.513 χ^2 /NDF:4787.3/31

Out: 55.424 $\pm$ 0.507 χ^2 /NDF:6946.3/35

All: 55.067 $\pm$ 0.360 χ^2 /NDF: 11734.6/67

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: -8.151+/-0.457 χ^2/NDF : 423.9/16

Right Out: 18.355+/-0.871 χ^2/NDF : 1070.9/18

Left In: -8.231+/-0.474 χ^2/NDF : 145.6/14

Left: -8.189+/-0.329 χ^2/NDF : 569.5/31

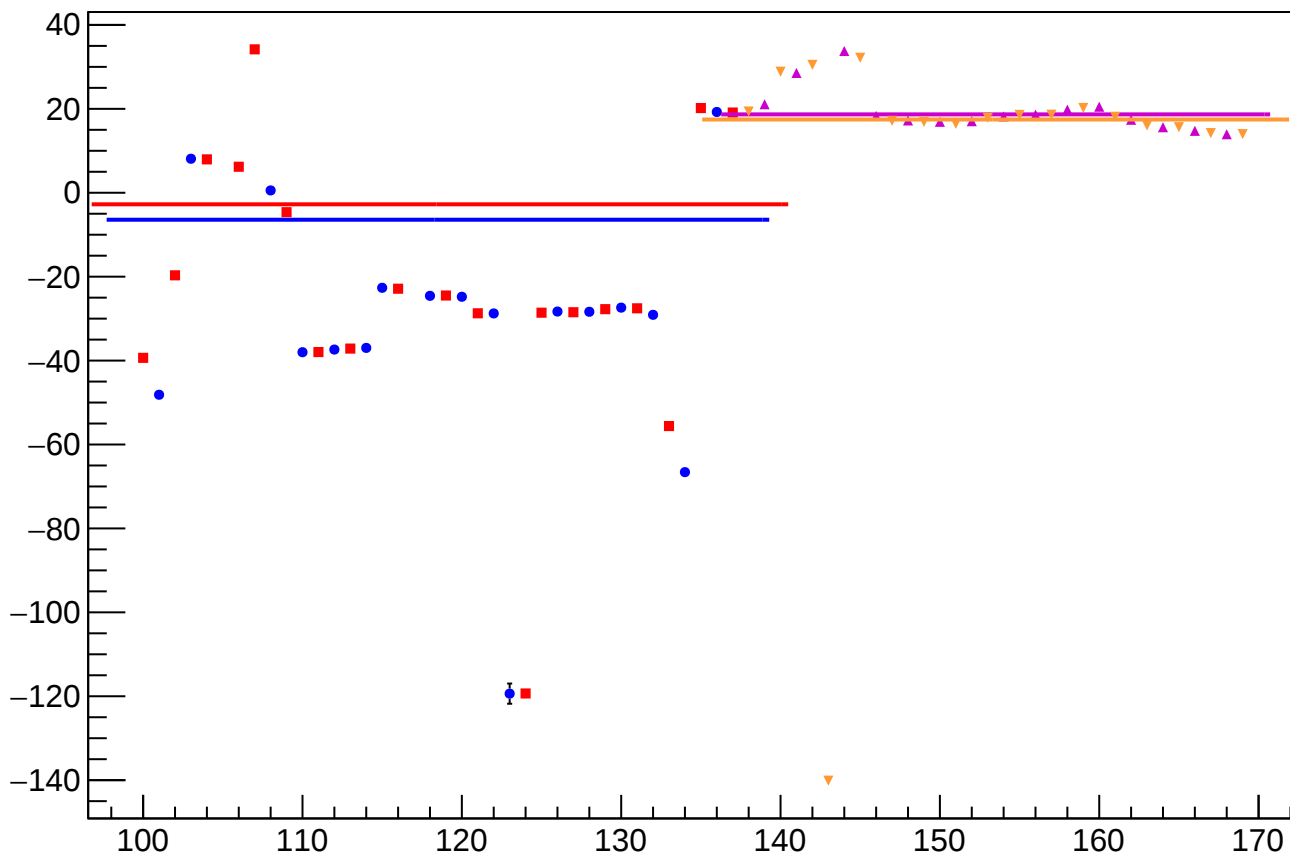
Right: 20.203+/-0.623 χ^2/NDF : 2144.2/35

In: -1.527+/-0.419 χ^2/NDF : 2114.5/31

Out: -2.424+/-0.405 χ^2/NDF : 2220.1/35

All: -1.990+/-0.291 χ^2/NDF : 4337.0/67

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: -2.752 ± 0.046 $\chi^2/\text{NDF}: 266290.0/18$

Left In: 18.680 ± 0.022 $\chi^2/\text{NDF}: 36470.8/14$

Left: 18.060 ± 0.015 $\chi^2/\text{NDF}: 444570.1/31$

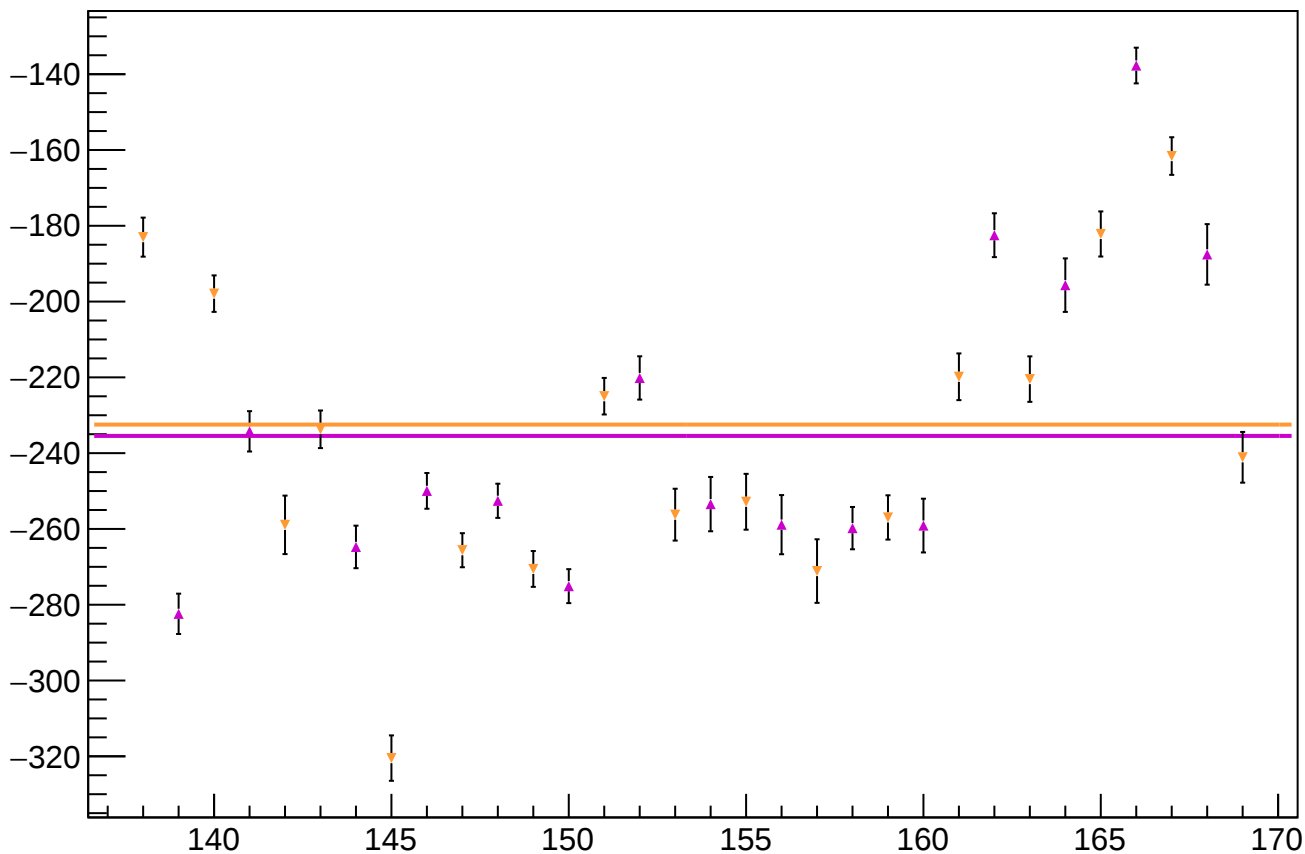
Right: -4.569 ± 0.032 $\chi^2/\text{NDF}: 534660.8/35$

In: 14.156 ± 0.020 $\chi^2/\text{NDF}: 543634.8/31$

Out: 13.816 ± 0.019 $\chi^2/\text{NDF}: 833230.2/35$

All: 13.984 ± 0.014 $\chi^2/\text{NDF}: 1377016.4/67$

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

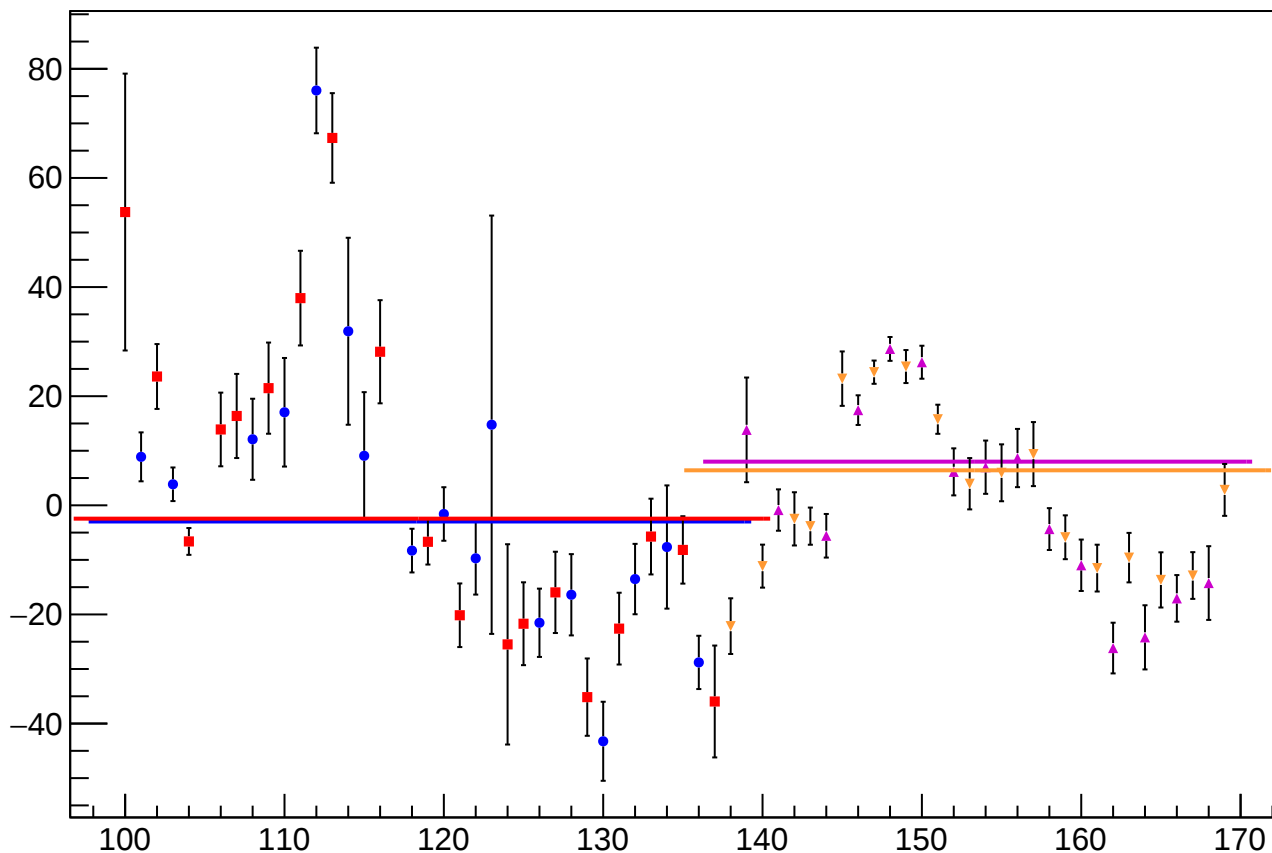
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 6.415 ± 0.930 $\chi^2/\text{NDF}: 274.4/16$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 8.003 ± 1.004 $\chi^2/\text{NDF}: 311.3/14$

Left: 7.149 ± 0.682 $\chi^2/\text{NDF}: 587.1/31$

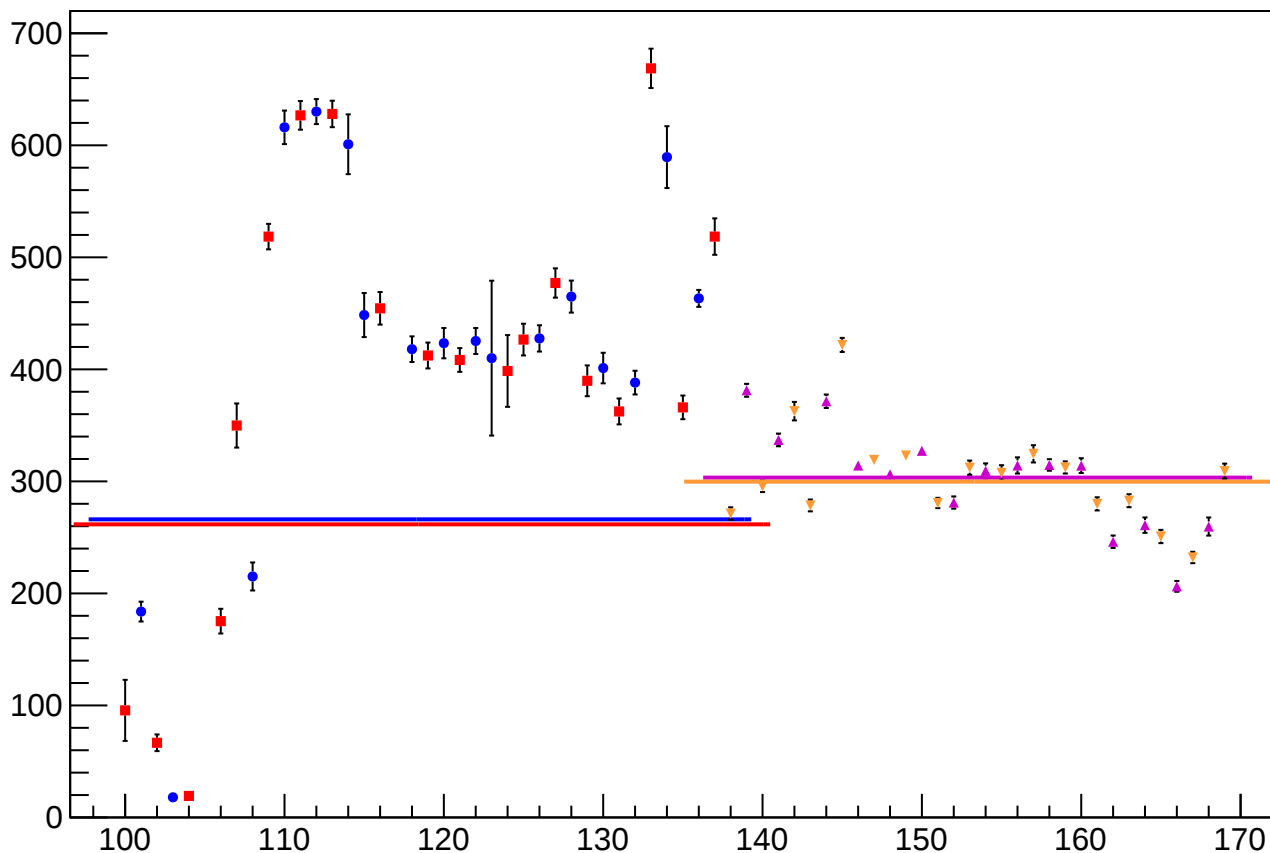
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 4.459 ± 0.826 $\chi^2/\text{NDF}: 553.4/31$

Out: 3.692 ± 0.774 $\chi^2/\text{NDF}: 517.7/35$

All: 4.051 ± 0.565 $\chi^2/\text{NDF}: 1071.6/67$

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: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

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

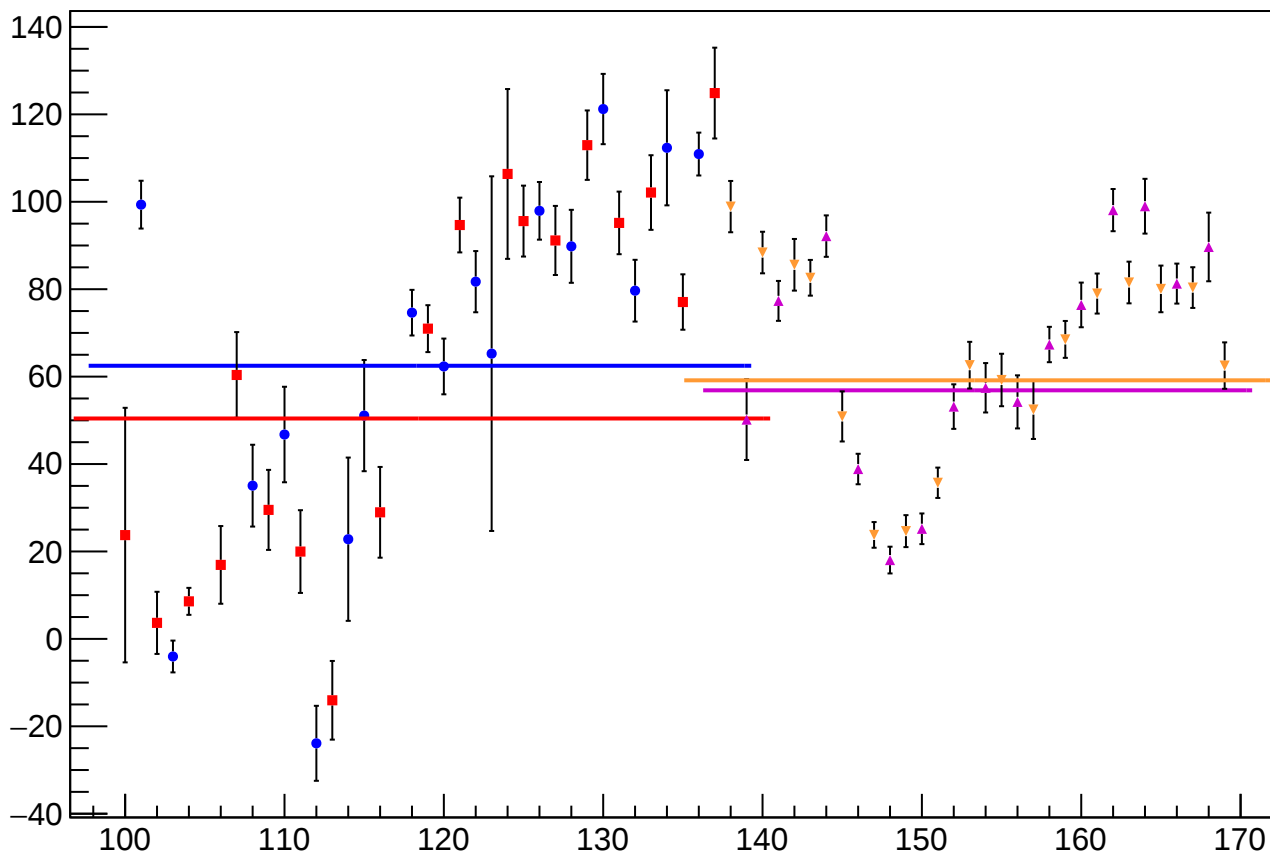
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 294.204 $\pm$ 1.230 χ^2 /NDF:8809.3/31

Out: 290.895 $\pm$ 1.185 χ^2 /NDF:9226.6/35

All: 292.489 $\pm$ 0.853 χ^2 /NDF: 18039.7/67

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: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 56.865+/-1.193 χ^2/NDF : 531.4/14

Left: 58.094+/-0.812 χ^2/NDF : 1035.2/31

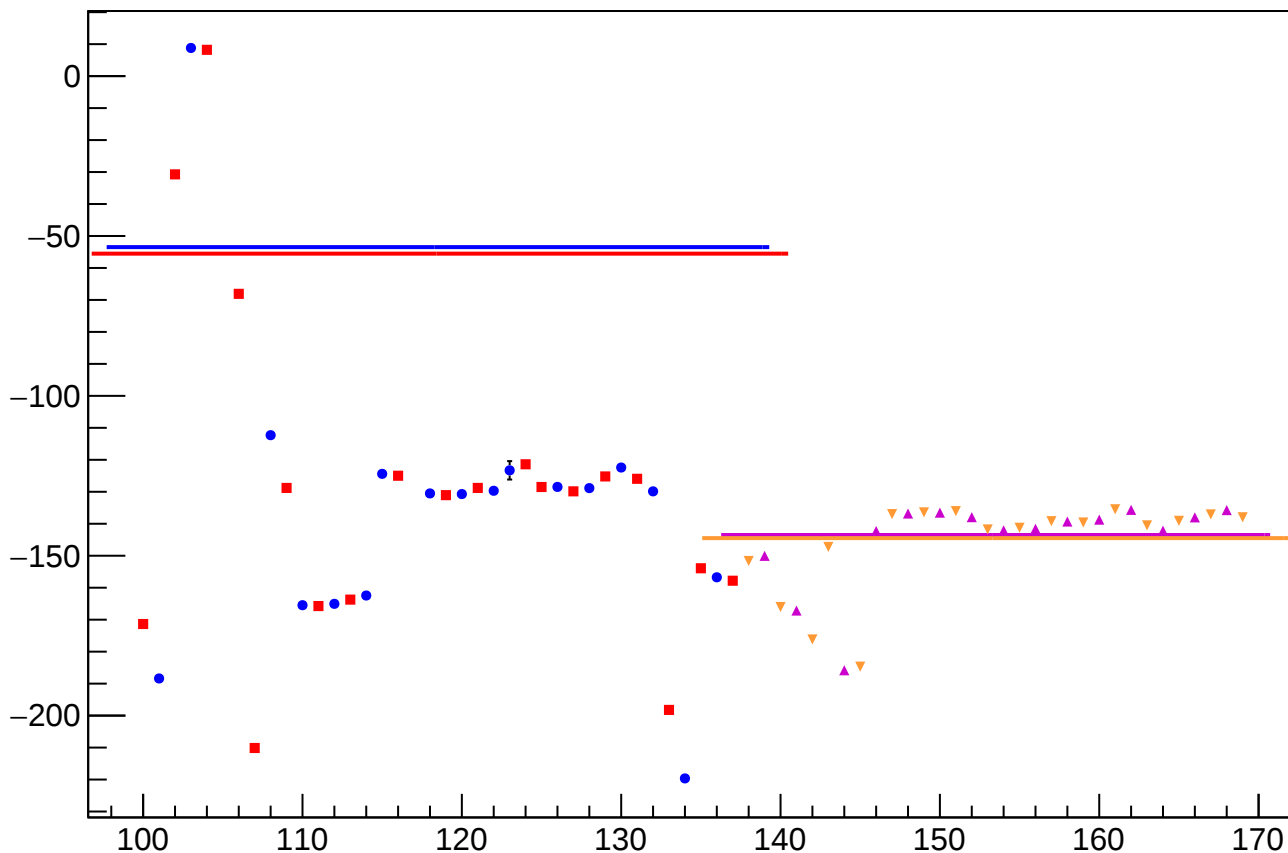
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 58.747+/-0.973 χ^2/NDF : 1259.6/31

Out: 56.422+/-0.918 χ^2/NDF : 1172.7/35

All: 57.518+/-0.668 χ^2/NDF : 2435.4/67

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -144.493+/-0.054 χ^2/NDF : 56542.9/16

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -143.519+/-0.057 χ^2/NDF : 44813.3/14

Left: -144.028+/-0.039 χ^2/NDF : 101510.3/31

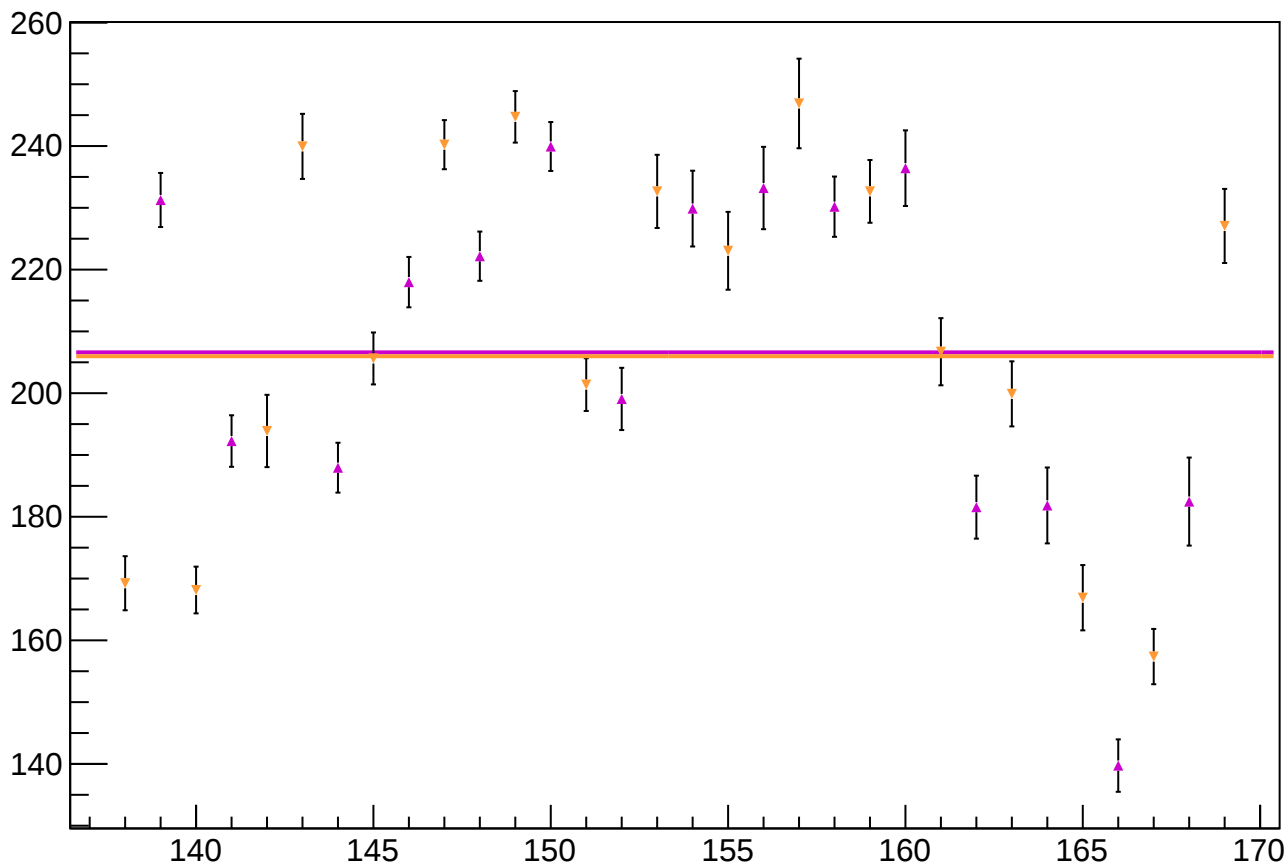
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -108.014+/-0.044 χ^2/NDF : 2266803.9/31

Out: -112.198+/-0.043 χ^2/NDF : 2001954.7/35

All: -110.146+/-0.031 χ^2/NDF : 4273333.1/67

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

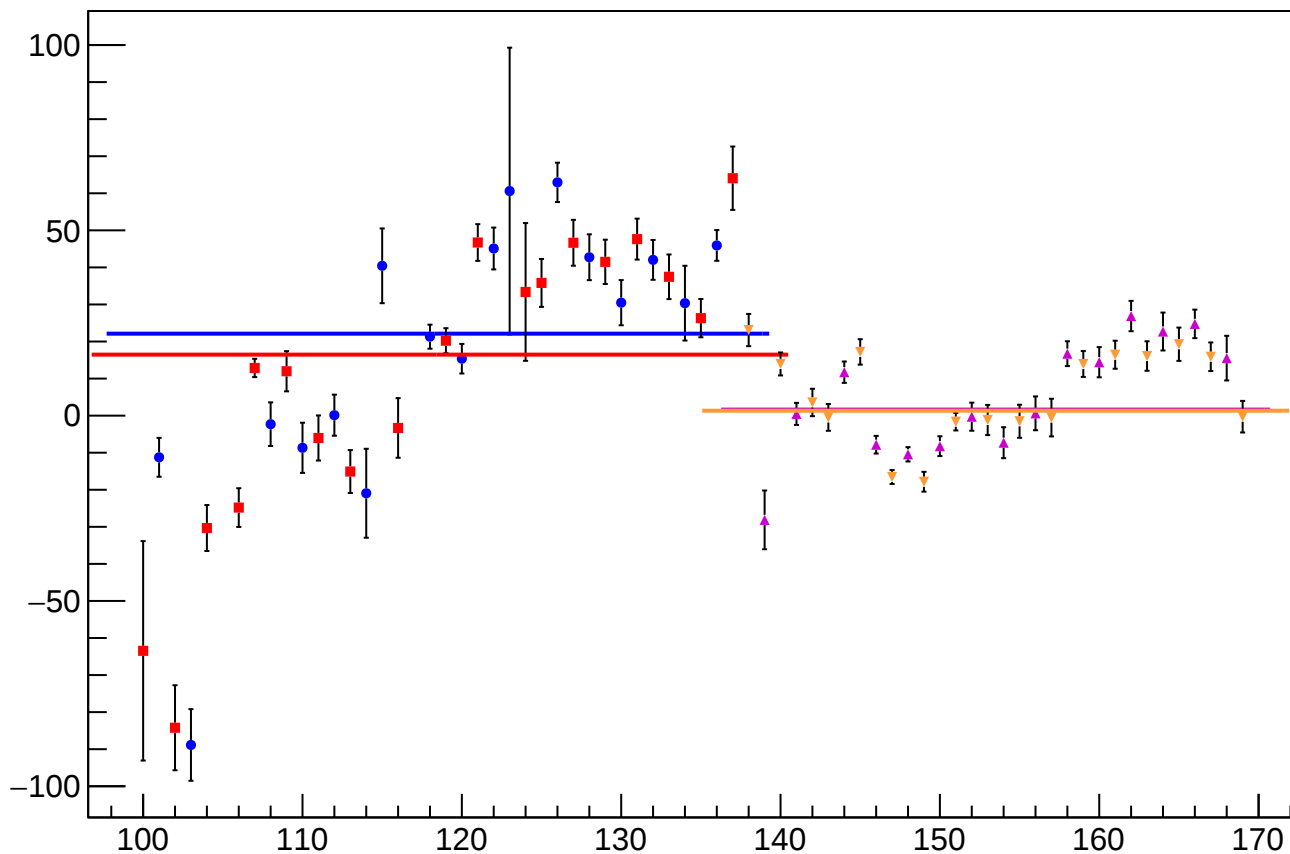
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 1.631 ± 0.860 $\chi^2/\text{NDF}: 226.6/14$

Left: 1.476 ± 0.589 $\chi^2/\text{NDF}: 507.4/31$

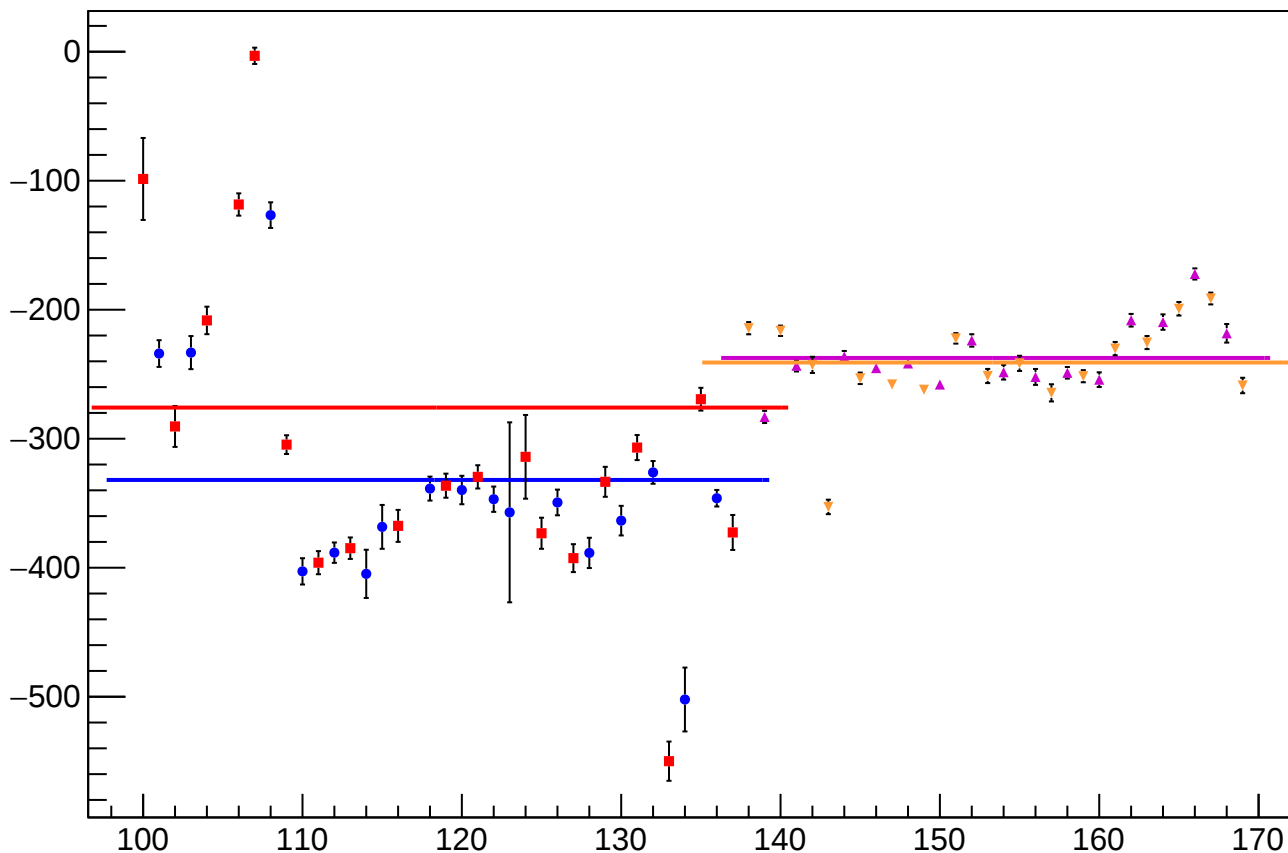
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 7.384 ± 0.729 $\chi^2/\text{NDF}: 767.9/31$

Out: 5.912 ± 0.675 $\chi^2/\text{NDF}: 810.7/35$

All: 6.591 ± 0.496 $\chi^2/\text{NDF}: 1580.8/67$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -240.925 ± 1.170 $\chi^2/\text{NDF}: 769.0/16$

Right Out: -275.853 ± 2.323 $\chi^2/\text{NDF}: 3361.7/18$

Left In: -237.382 ± 1.211 $\chi^2/\text{NDF}: 455.3/14$

Left: -239.214 ± 0.842 $\chi^2/\text{NDF}: 1228.7/31$

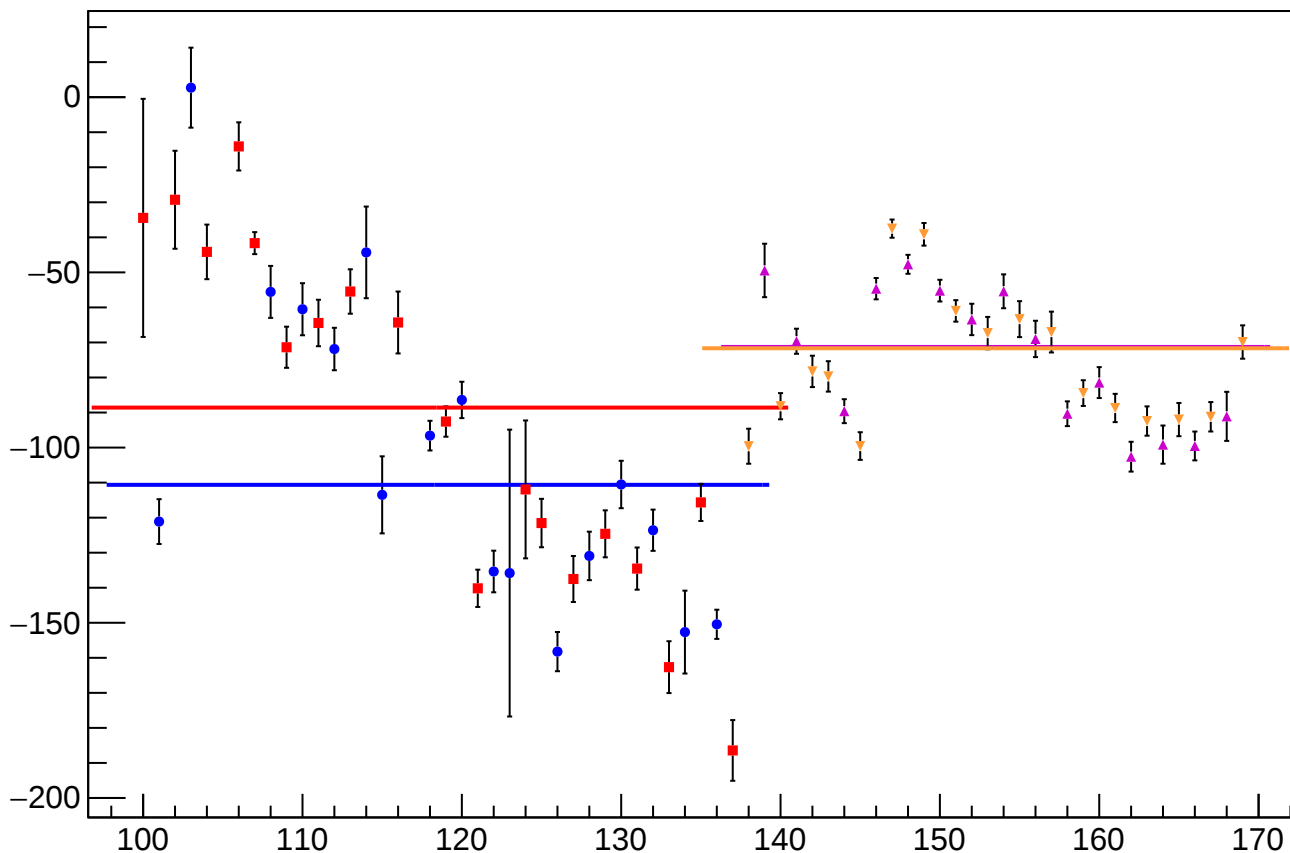
Right: -301.110 ± 1.723 $\chi^2/\text{NDF}: 4409.7/35$

In: -254.591 ± 1.095 $\chi^2/\text{NDF}: 2350.9/31$

Out: -247.994 ± 1.045 $\chi^2/\text{NDF}: 4310.9/35$

All: -251.139 ± 0.756 $\chi^2/\text{NDF}: 6680.8/67$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -71.658 ± 0.961 χ^2/NDF : 491.8/16

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -71.284 ± 1.021 χ^2/NDF : 354.2/14

Left: -71.483 ± 0.700 χ^2/NDF : 846.1/31

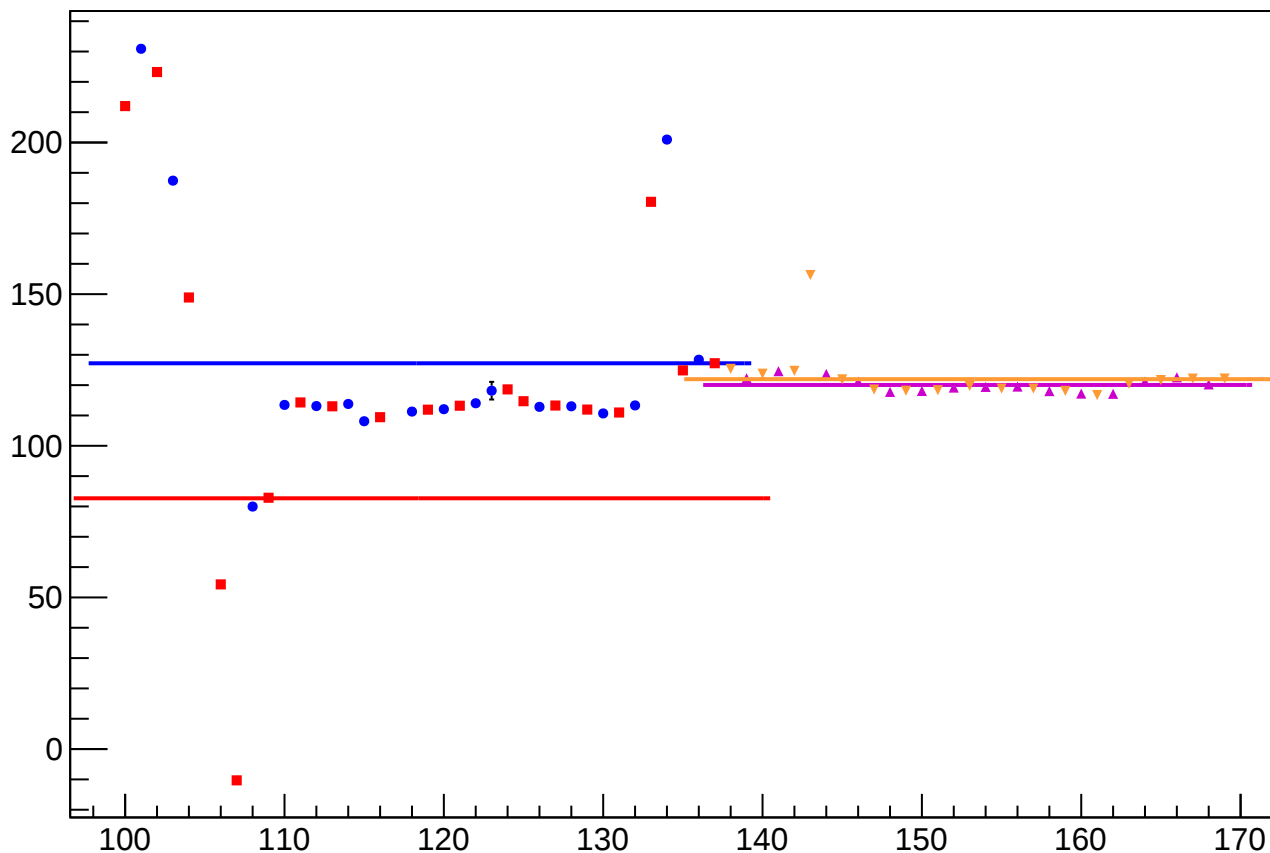
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -82.860 ± 0.858 χ^2/NDF : 1300.2/31

Out: -76.913 ± 0.798 χ^2/NDF : 1554.5/35

All: -79.674 ± 0.584 χ^2/NDF : 2880.5/67

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: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

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

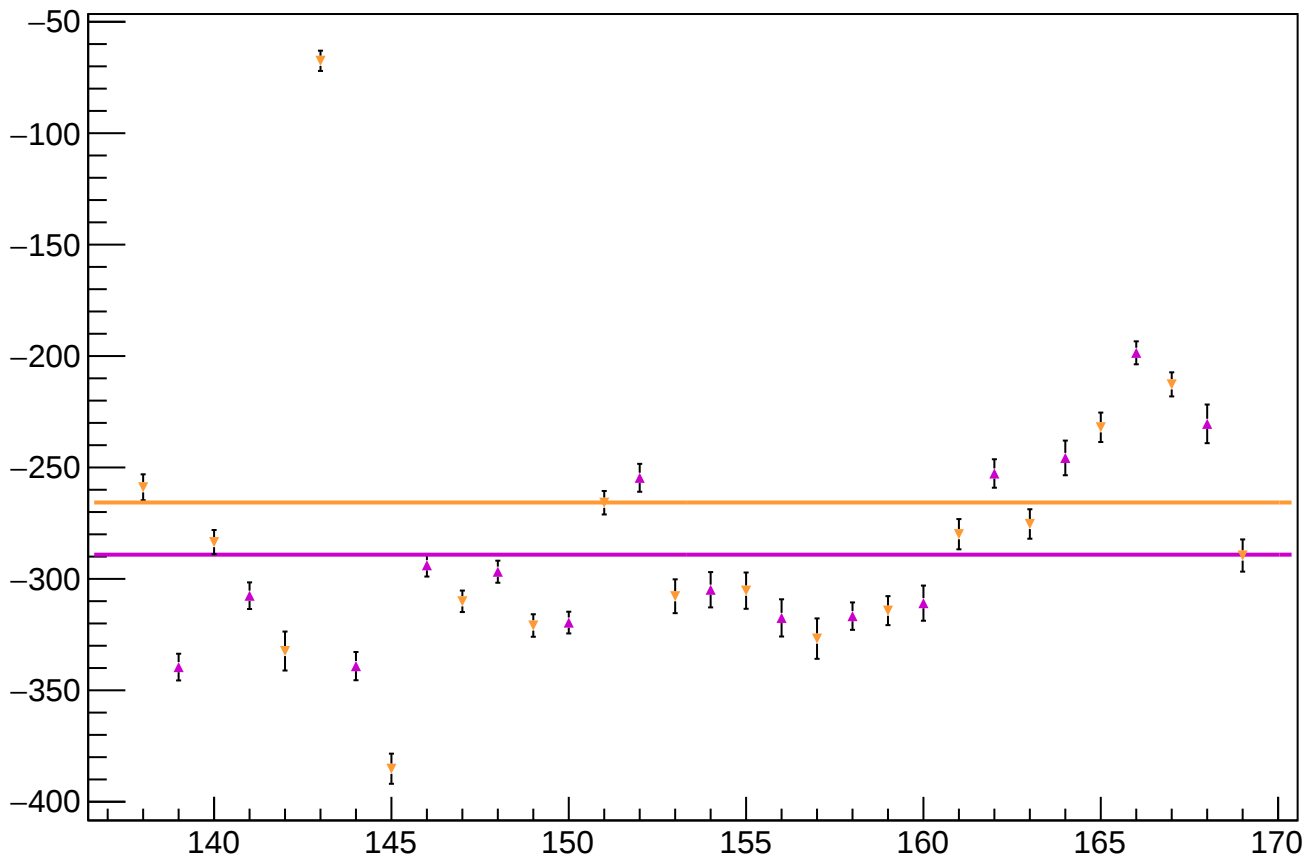
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.692 $\pm$ 0.043 χ^2 /NDF: 195368.3/31

Out: 110.984 $\pm$ 0.040 χ^2 /NDF: 988547.1/35

All: 115.975 $\pm$ 0.029 χ^2 /NDF: 1217632.4/67

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

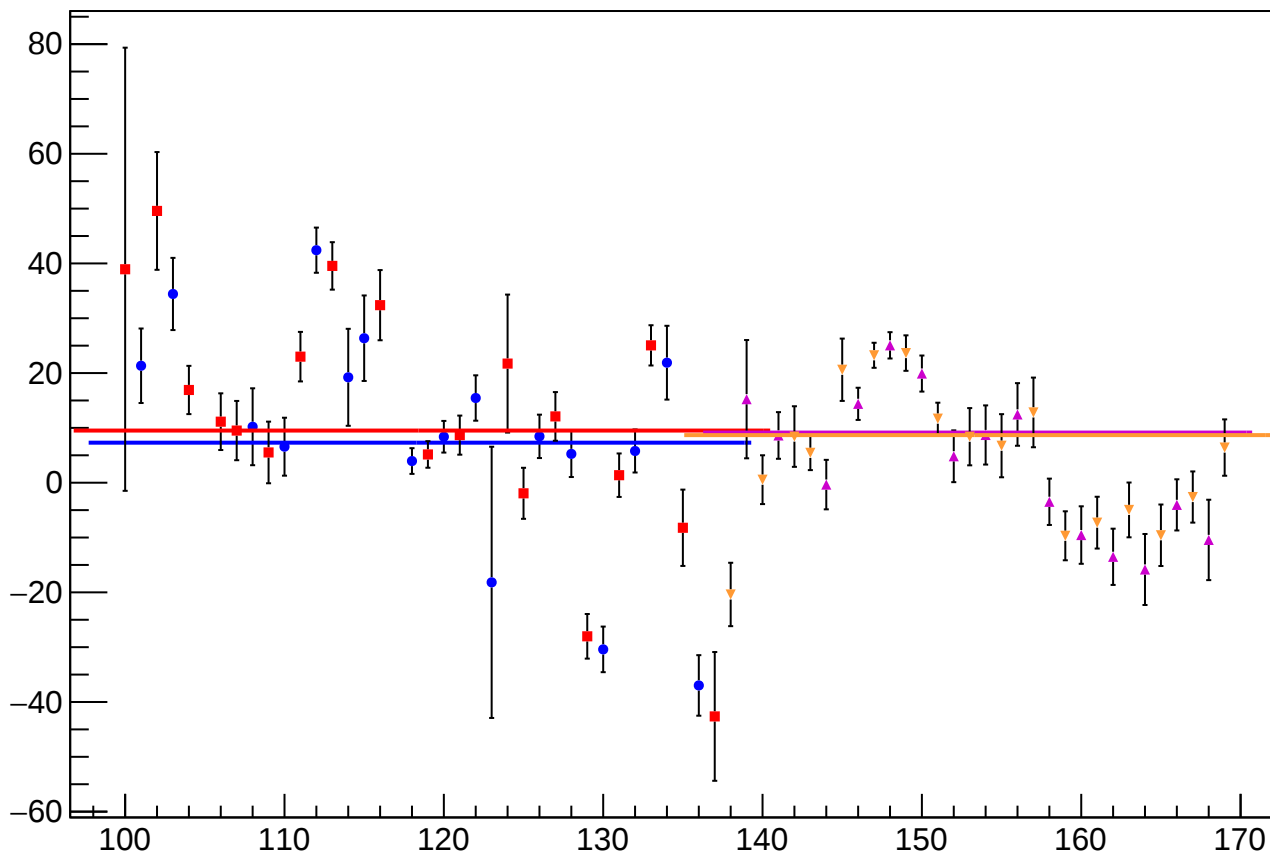
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 9.513 ± 1.073 $\chi^2/\text{NDF}: 231.7/18$

Left In: 9.146 ± 1.102 $\chi^2/\text{NDF}: 134.9/14$

Left: 8.892 ± 0.742 $\chi^2/\text{NDF}: 285.2/31$

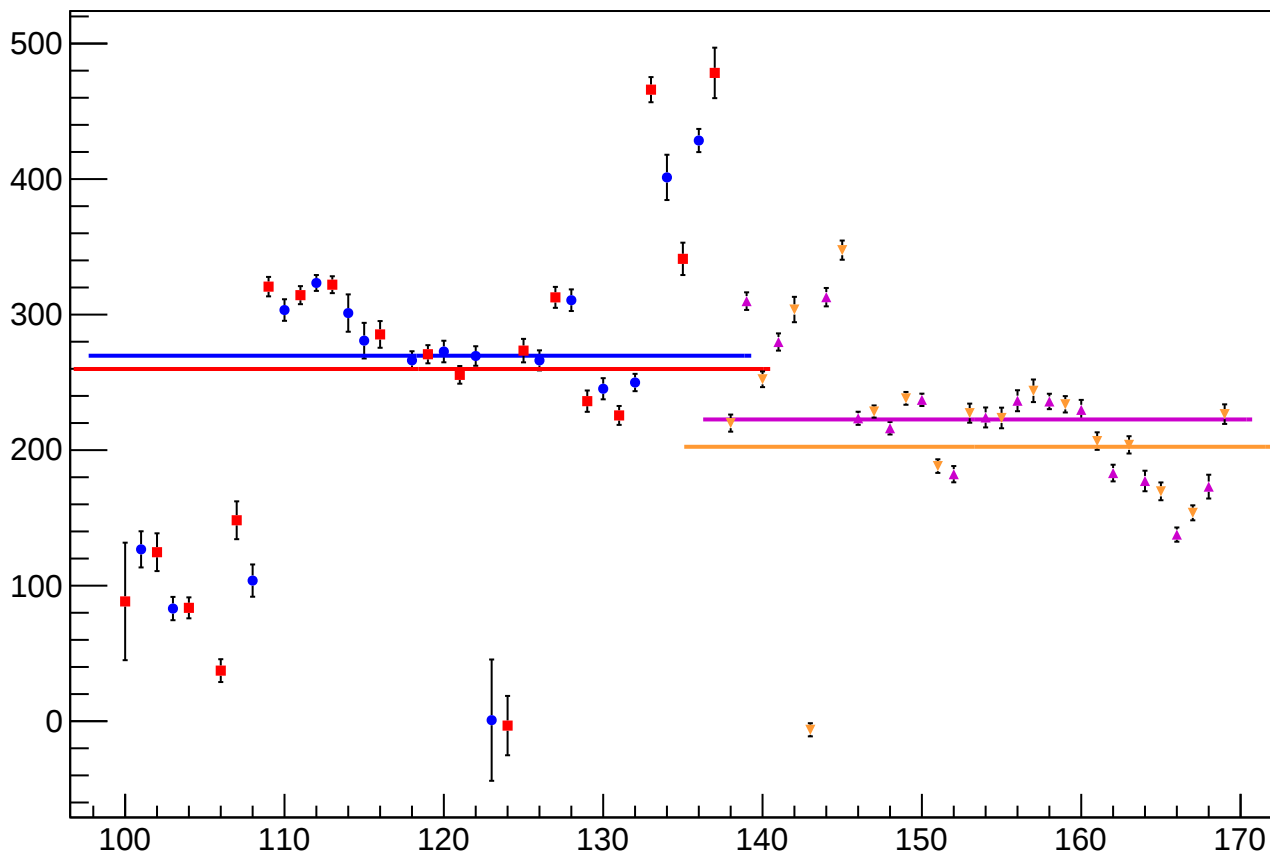
Right: 8.421 ± 0.763 $\chi^2/\text{NDF}: 494.4/35$

In: 8.211 ± 0.773 $\chi^2/\text{NDF}: 397.0/31$

Out: 9.070 ± 0.733 $\chi^2/\text{NDF}: 382.1/35$

All: 8.663 ± 0.532 $\chi^2/\text{NDF}: 779.8/67$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2/NDF : 1376.6/16

Left Out: 202.475 $\pm$ 1.466 χ^2/NDF : 2754.6/16

Right Out: 259.869 $\pm$ 1.977 χ^2/NDF : 2543.7/18

Left In: 222.635 $\pm$ 1.556 χ^2/NDF : 876.8/14

Left: 211.954 $\pm$ 1.067 χ^2/NDF : 3720.4/31

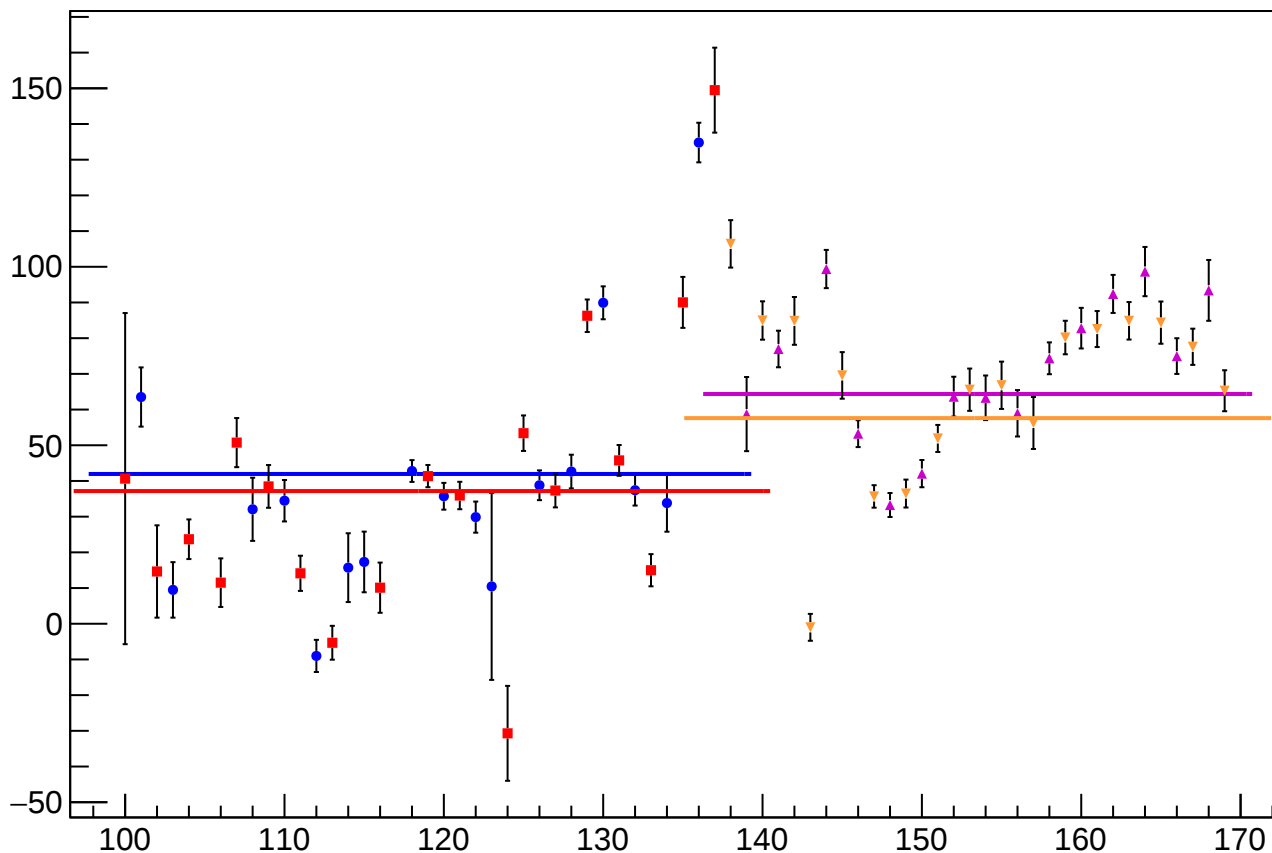
Right: 264.527 $\pm$ 1.432 χ^2/NDF : 3931.9/35

In: 239.550 $\pm$ 1.245 χ^2/NDF : 2582.0/31

Out: 222.838 $\pm$ 1.177 χ^2/NDF : 5842.2/35

All: 230.728 $\pm$ 0.855 χ^2/NDF : 8519.3/67

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 57.606+/-1.197 χ^2/NDF : 537.7/16

Right Out: 37.174+/-1.236 χ^2/NDF : 470.9/18

Left In: 64.361+/-1.310 χ^2/NDF : 262.5/14

Left: 60.679+/-0.884 χ^2/NDF : 814.7/31

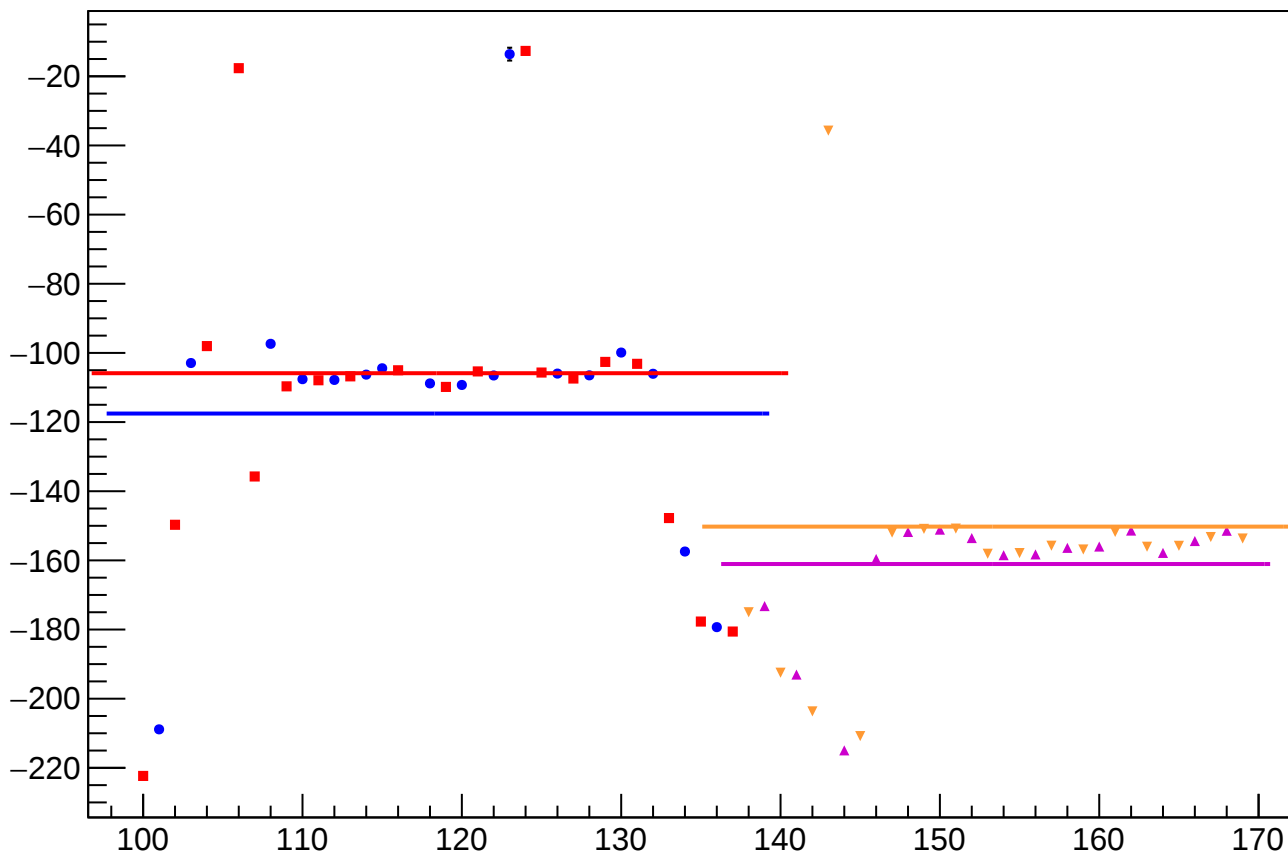
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/35

In: 52.709+/-0.907 χ^2/NDF : 988.9/31

Out: 47.717+/-0.860 χ^2/NDF : 1149.7/35

All: 50.078+/-0.624 χ^2/NDF : 2154.5/67

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: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -161.053+/-0.062 χ^2/NDF : 61462.1/14

Left: -155.327+/-0.043 χ^2/NDF : 531851.3/31

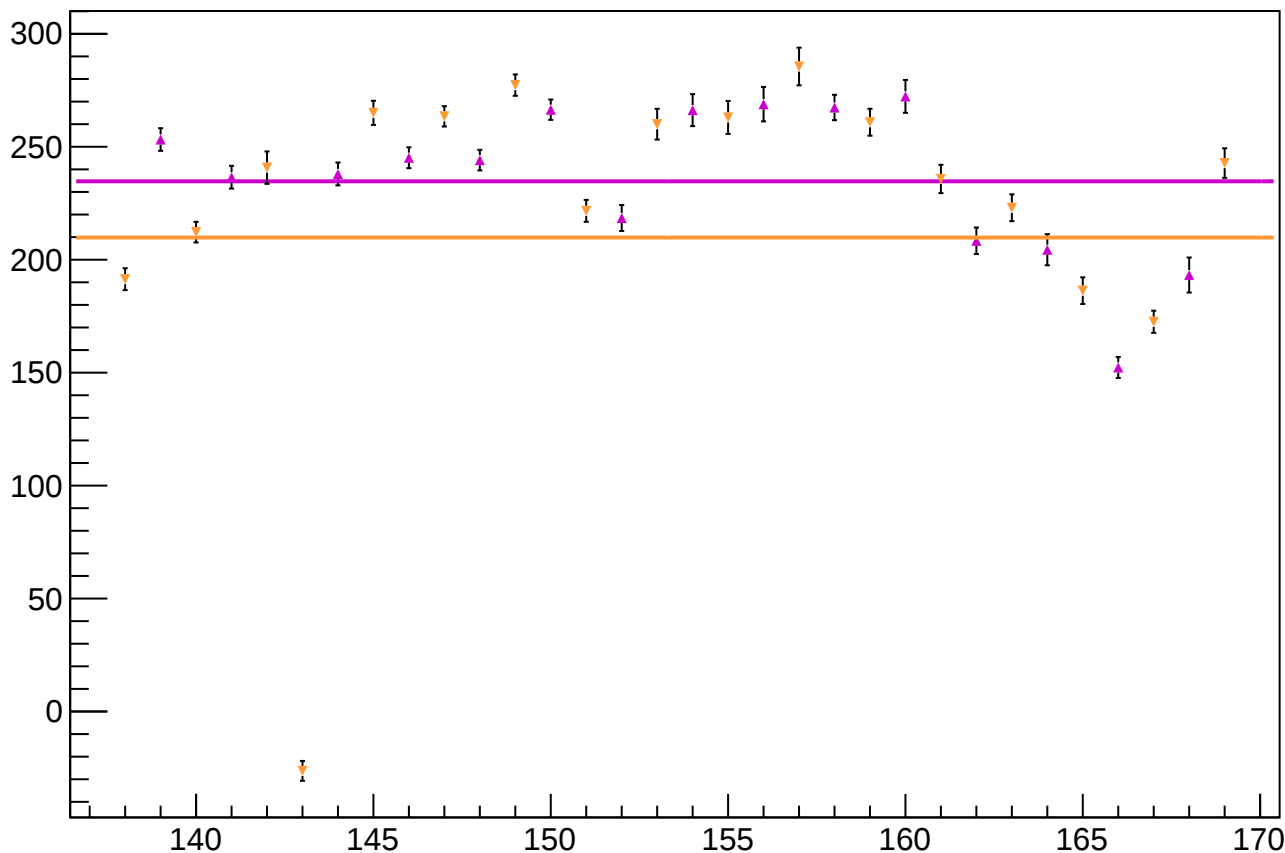
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -144.107+/-0.049 χ^2/NDF : 392982.6/31

Out: -132.698+/-0.046 χ^2/NDF : 1003550.9/35

All: -138.041+/-0.033 χ^2/NDF : 1425655.6/67

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 209.819+/-1.332 χ^2/NDF :3762.2/16

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 234.715+/-1.424 χ^2/NDF :563.6/14

Left: 221.438+/-0.973 χ^2/NDF : 4488.9/31

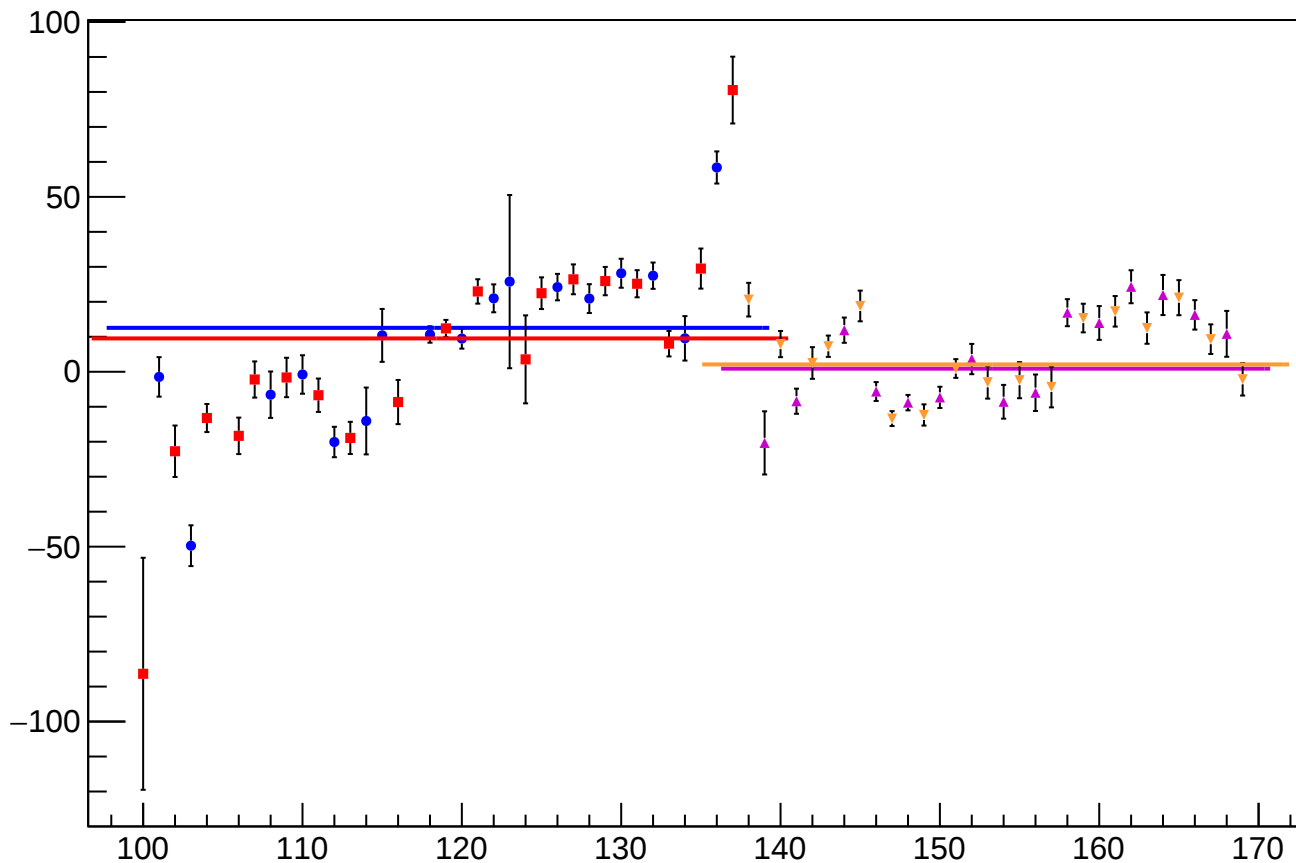
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.715+/-1.424 χ^2/NDF :563.6/14

Out: 209.819+/-1.332 χ^2/NDF :3762.2/16

All: 221.438+/-0.973 χ^2/NDF : 4488.9/31

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.100+/-0.910 χ^2/NDF :159.6/16

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 0.888+/-0.993 χ^2/NDF :138.3/14

Left: 1.546+/-0.671 χ^2/NDF : 298.6/31

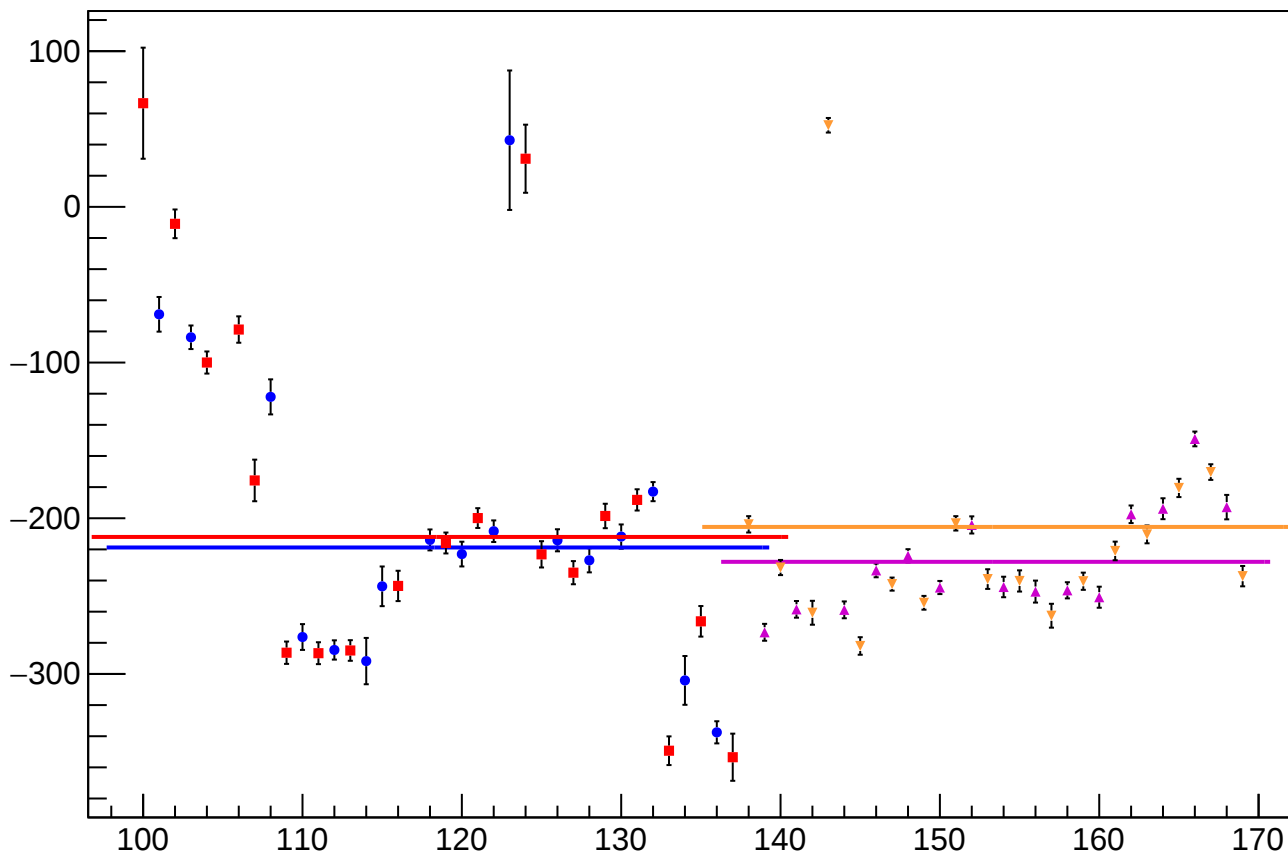
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 6.355+/-0.724 χ^2/NDF :551.6/31

Out: 5.294+/-0.687 χ^2/NDF :484.1/35

All: 5.797+/-0.498 χ^2/NDF : 1036.8/67

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: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -227.987 ± 1.394 $\chi^2/\text{NDF}: 560.7/14$

Left: -216.170 ± 0.959 $\chi^2/\text{NDF}: 4434.8/31$

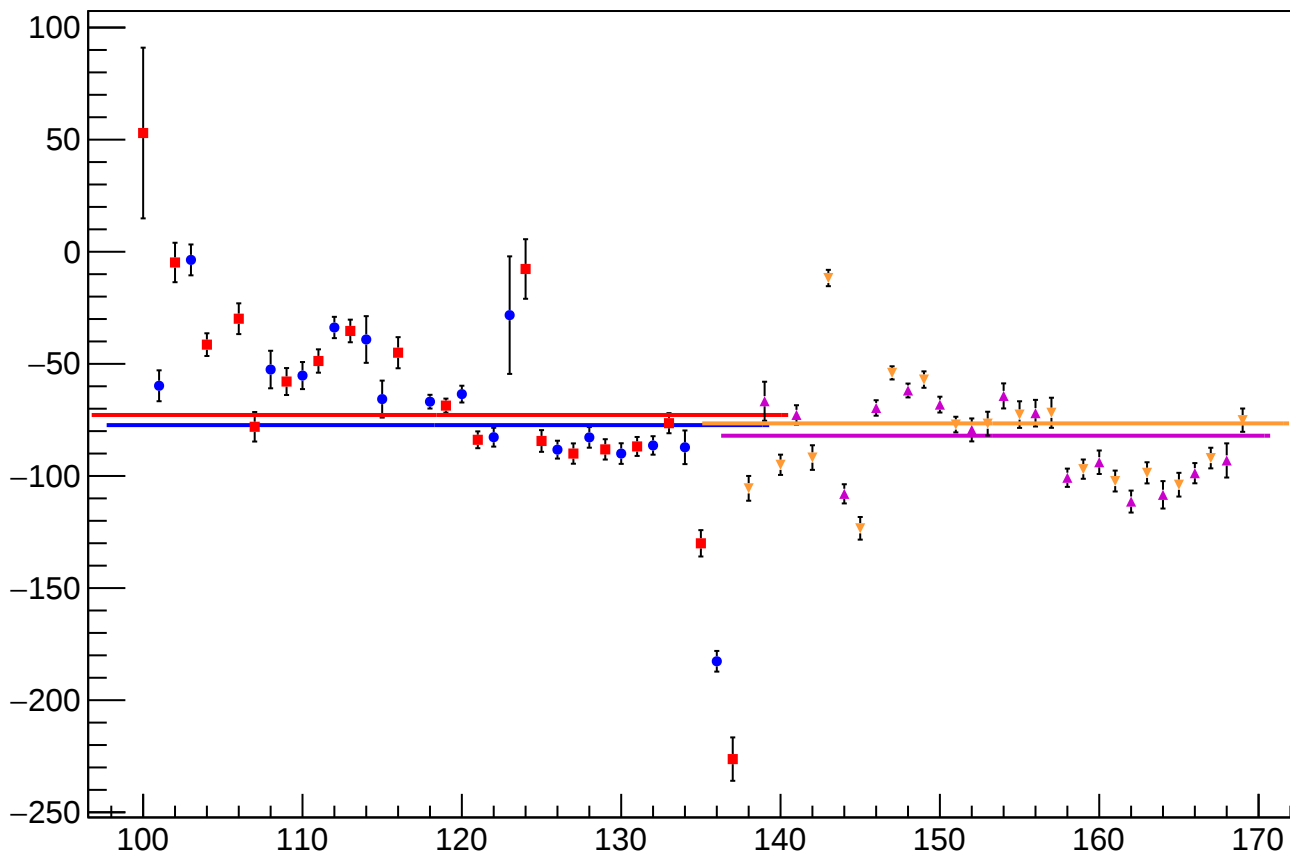
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -224.993 ± 1.146 $\chi^2/\text{NDF}: 1719.3/31$

Out: -207.633 ± 1.088 $\chi^2/\text{NDF}: 5631.1/35$

All: -215.869 ± 0.789 $\chi^2/\text{NDF}: 7471.1/67$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -76.556 ± 1.083 $\chi^2/\text{NDF}: 655.6/16$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -82.047 ± 1.178 $\chi^2/\text{NDF}: 225.2/14$

Left: -79.070 ± 0.797 $\chi^2/\text{NDF}: 892.6/31$

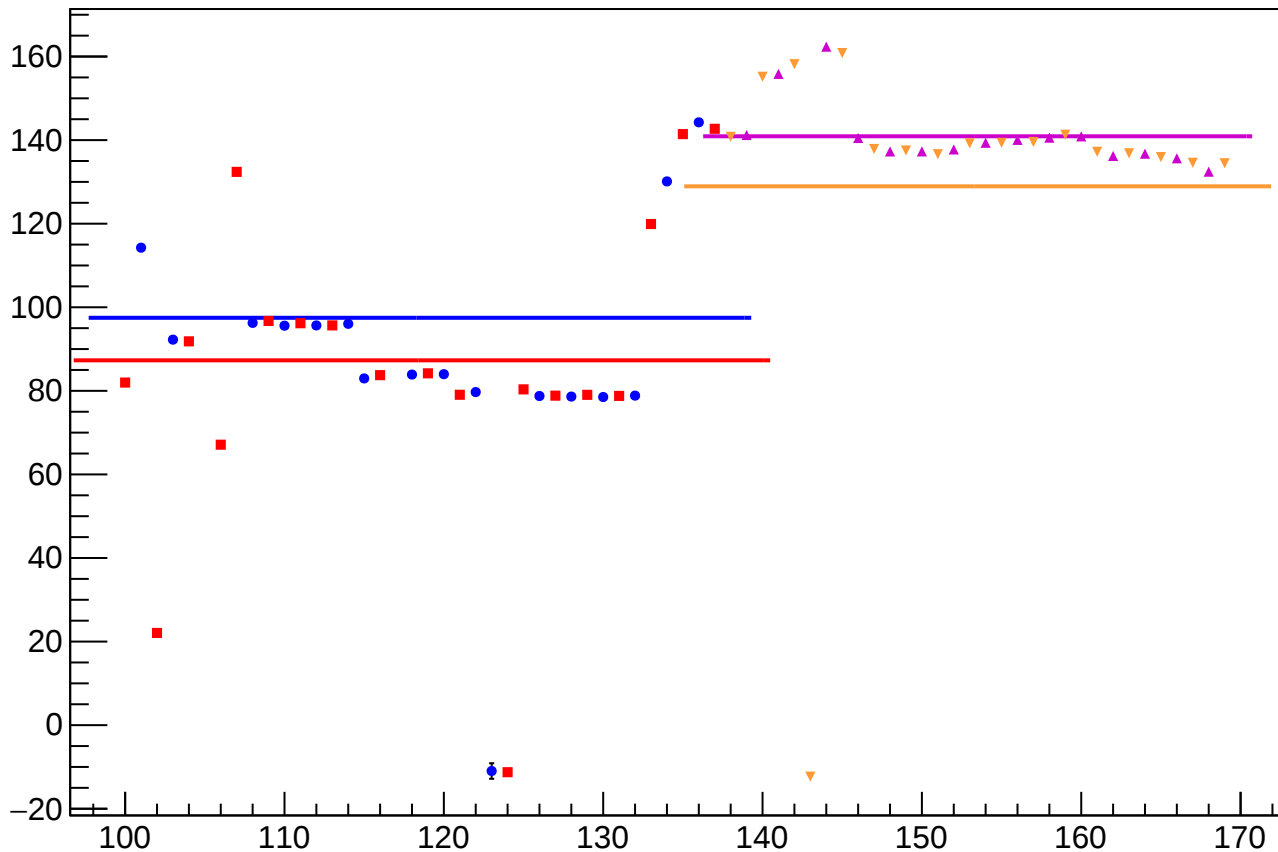
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -79.769 ± 0.848 $\chi^2/\text{NDF}: 1050.6/31$

Out: -74.879 ± 0.806 $\chi^2/\text{NDF}: 1332.8/35$

All: -77.200 ± 0.584 $\chi^2/\text{NDF}: 2400.9/67$

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: 87.299 ± 0.068 χ^2/NDF : 221885.0/18

Left In: 140.915 ± 0.056 χ^2/NDF : 16136.0/14

Left: 134.604 ± 0.038 χ^2/NDF : 671469.5/31

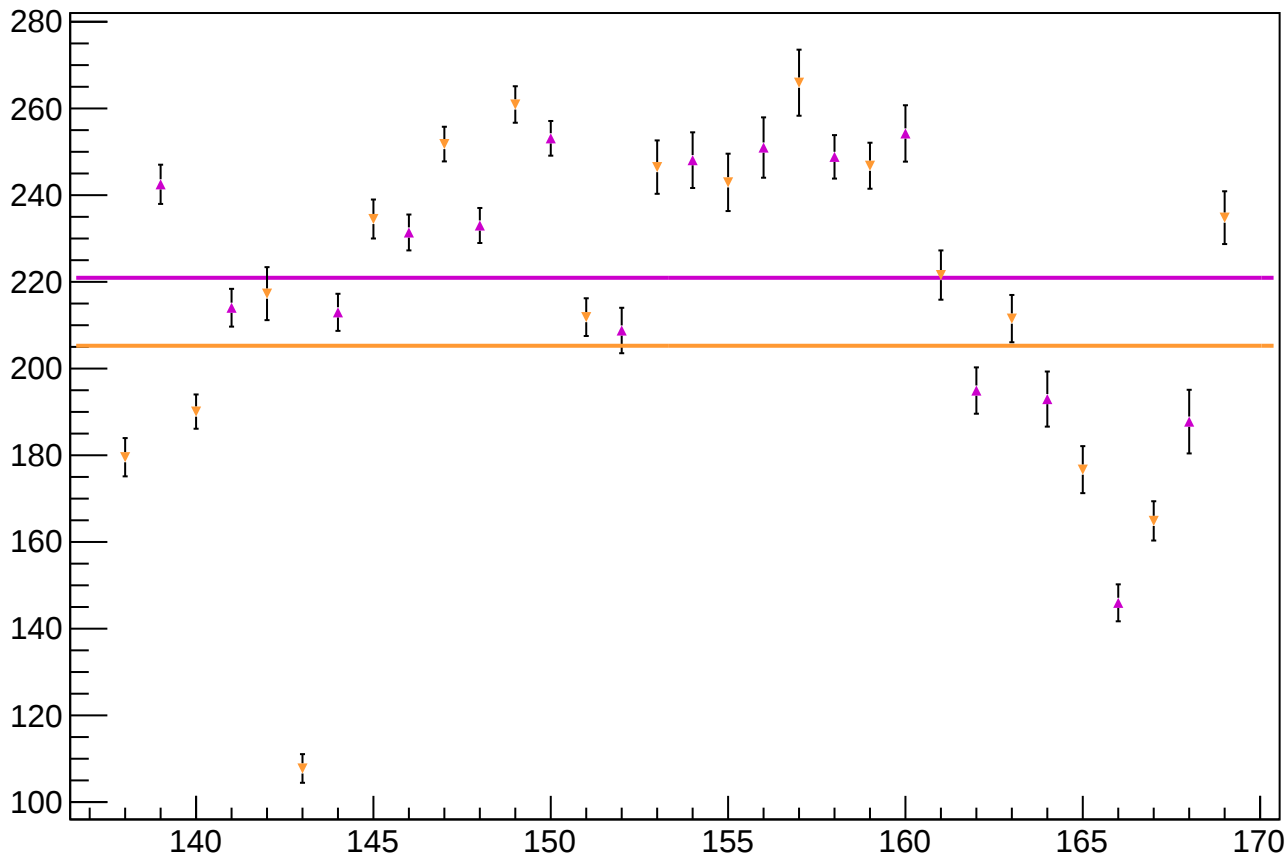
Right: 92.021 ± 0.050 χ^2/NDF : 326611.0/35

In: 124.974 ± 0.044 χ^2/NDF : 332355.5/31

Out: 113.294 ± 0.042 χ^2/NDF : 1085590.9/35

All: 118.778 ± 0.030 χ^2/NDF : 1454575.0/67

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 205.263 $\pm$ 1.170 χ^2/NDF :1619.5/16

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 220.939 $\pm$ 1.274 χ^2/NDF :580.5/14

Left: 212.434 $\pm$ 0.862 χ^2/NDF : 2282.1/31

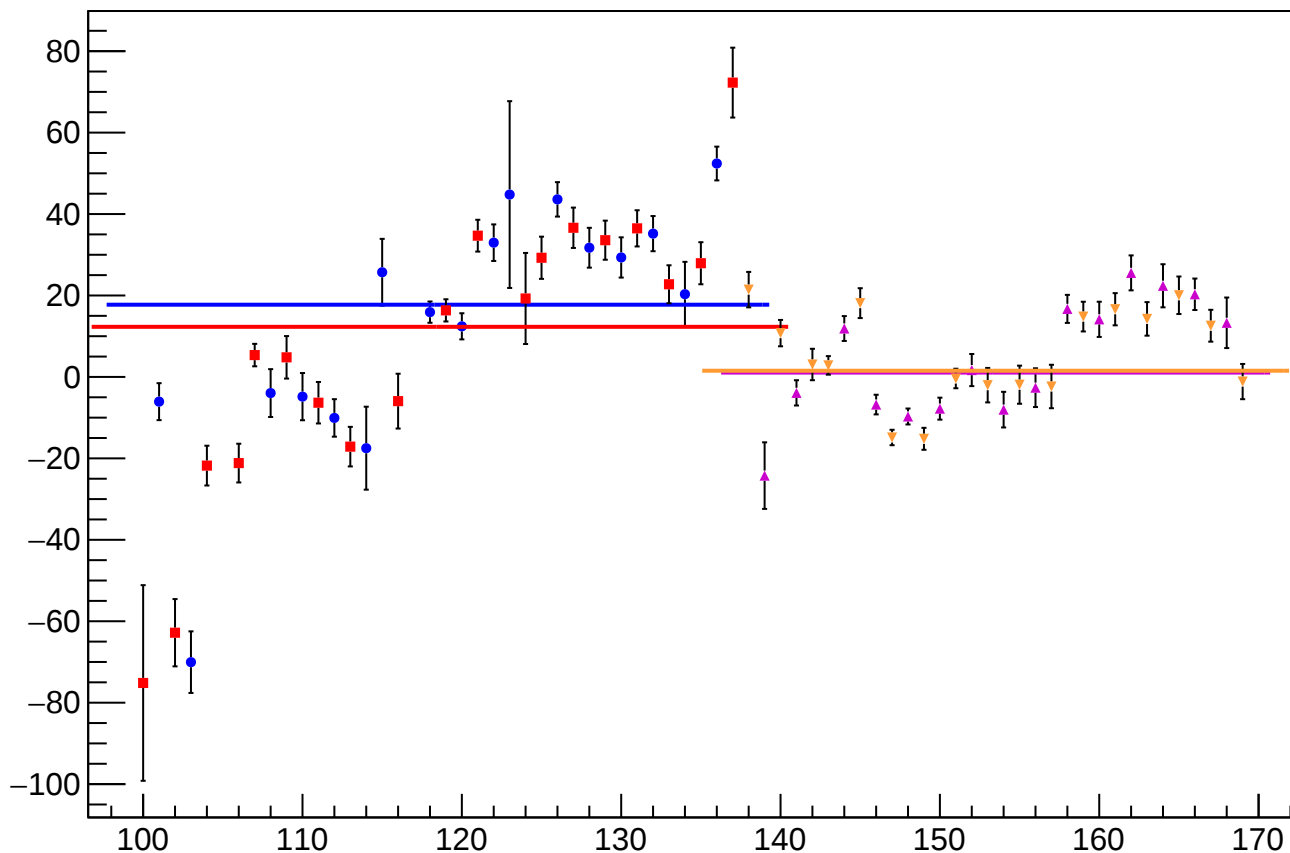
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 220.939 $\pm$ 1.274 χ^2/NDF :580.5/14

Out: 205.263 $\pm$ 1.170 χ^2/NDF :1619.5/16

All: 212.434 $\pm$ 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 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 1.520 ± 0.797 $\chi^2/\text{NDF}: 227.9/16$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: 1.069 ± 0.885 $\chi^2/\text{NDF}: 188.6/14$

Left: 1.318 ± 0.592 $\chi^2/\text{NDF}: 416.6/31$

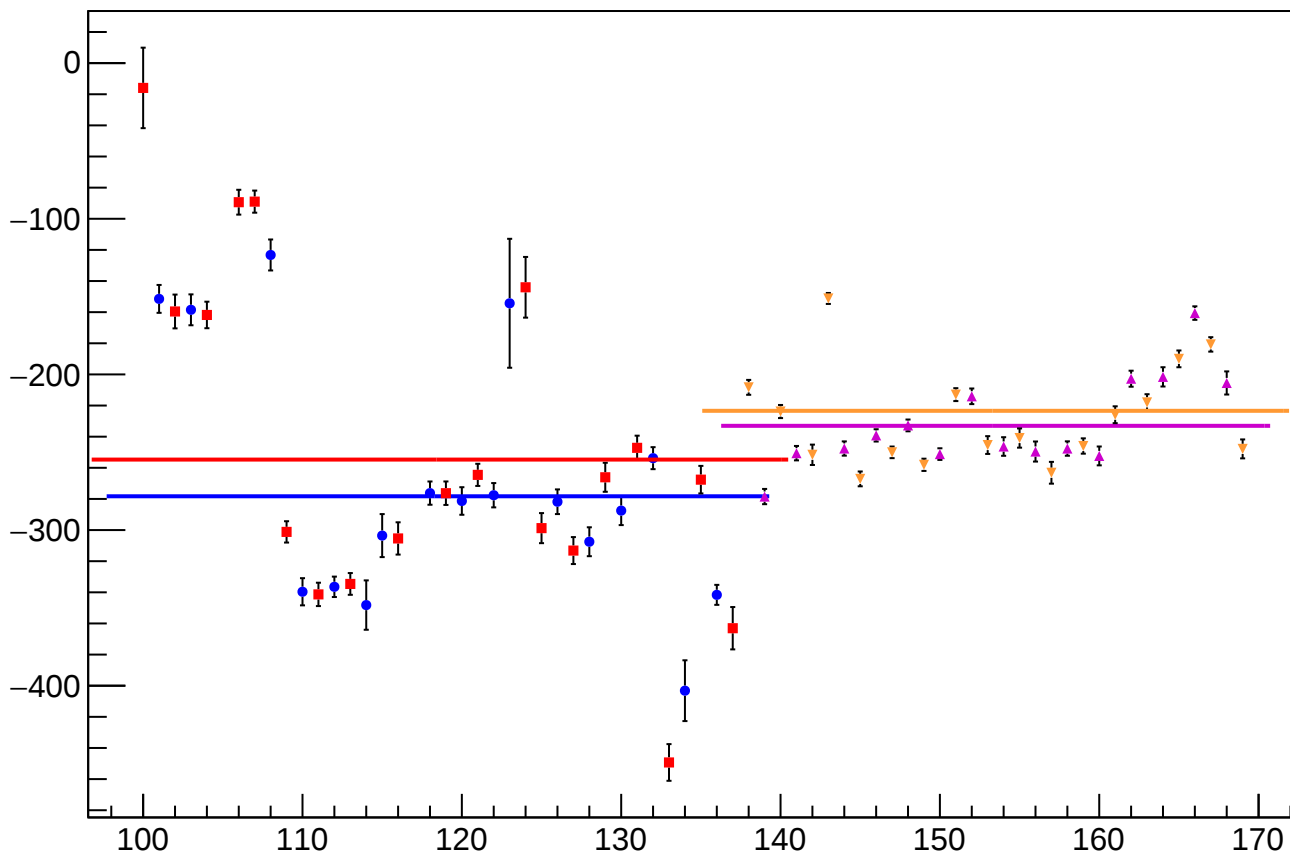
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 7.276 ± 0.701 $\chi^2/\text{NDF}: 714.8/31$

Out: 5.305 ± 0.642 $\chi^2/\text{NDF}: 734.6/35$

All: 6.205 ± 0.474 $\chi^2/\text{NDF}: 1453.7/67$

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: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -233.027 ± 1.248 $\chi^2/\text{NDF}: 535.0/14$

Left: -227.865 ± 0.851 $\chi^2/\text{NDF}: 1450.8/31$

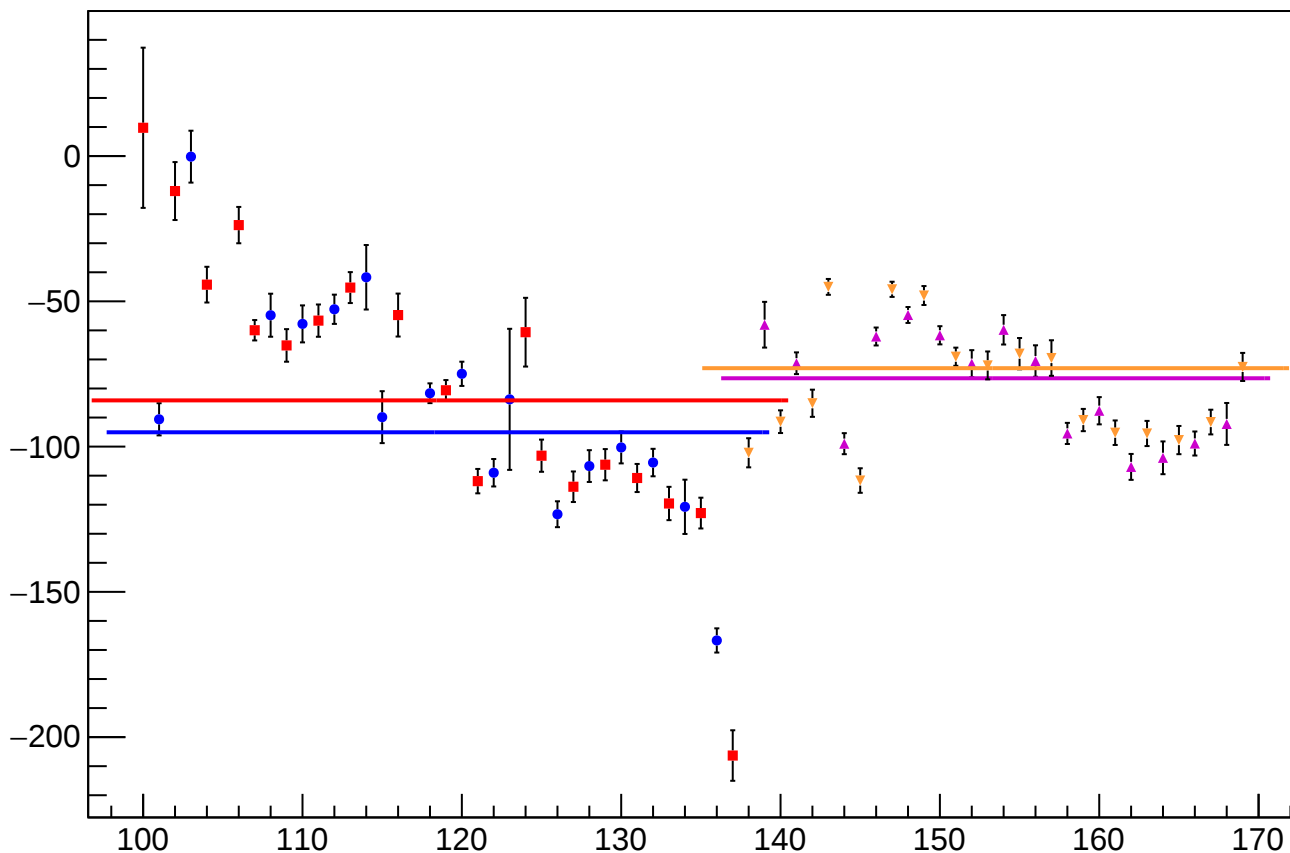
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -244.263 ± 1.082 $\chi^2/\text{NDF}: 1771.4/31$

Out: -231.191 ± 1.008 $\chi^2/\text{NDF}: 3102.8/35$

All: -237.262 ± 0.738 $\chi^2/\text{NDF}: 4952.3/67$

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: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -76.482 ± 1.052 χ^2/NDF : 304.1/14

Left: -74.570 ± 0.705 χ^2/NDF : 852.8/31

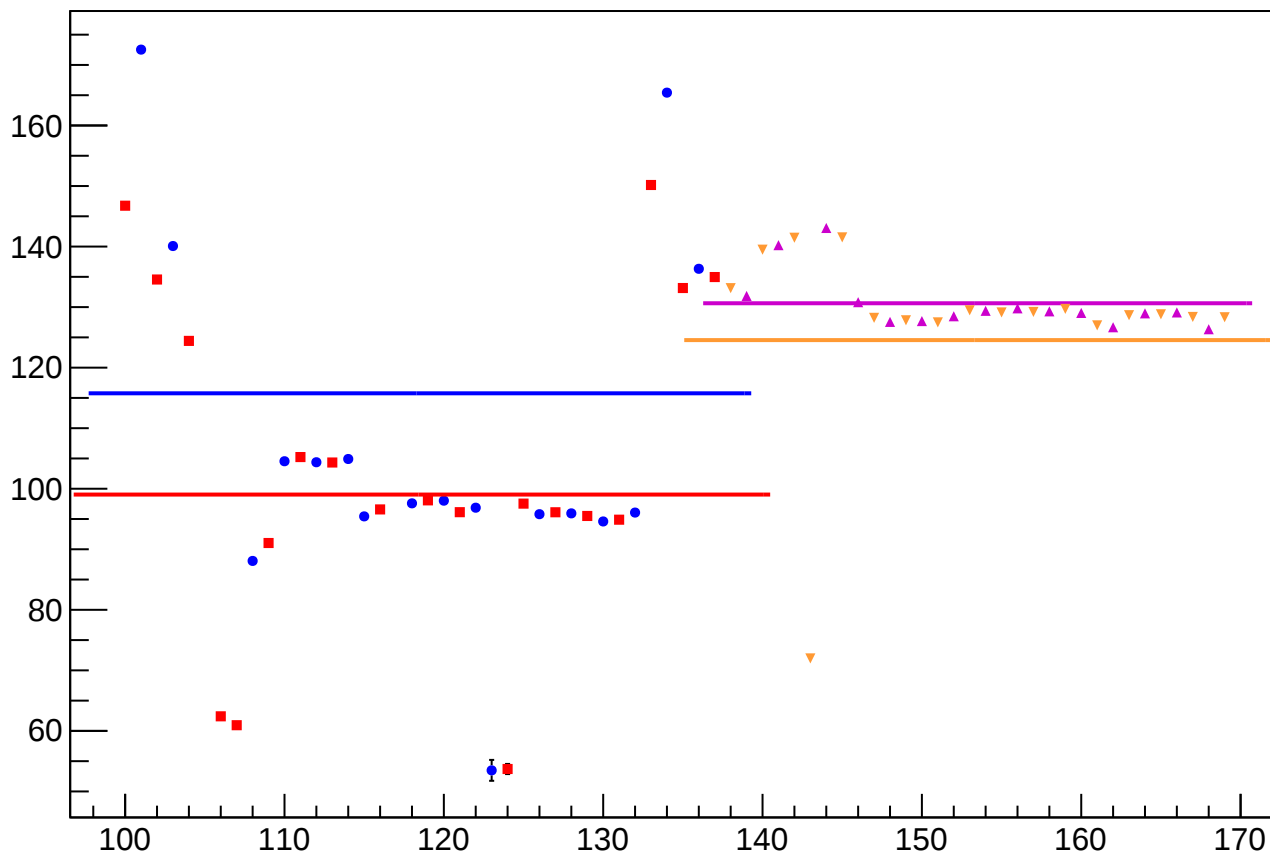
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -83.665 ± 0.824 χ^2/NDF : 1098.1/31

Out: -77.041 ± 0.758 χ^2/NDF : 1372.6/35

All: -80.078 ± 0.558 χ^2/NDF : 2505.7/67

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: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

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

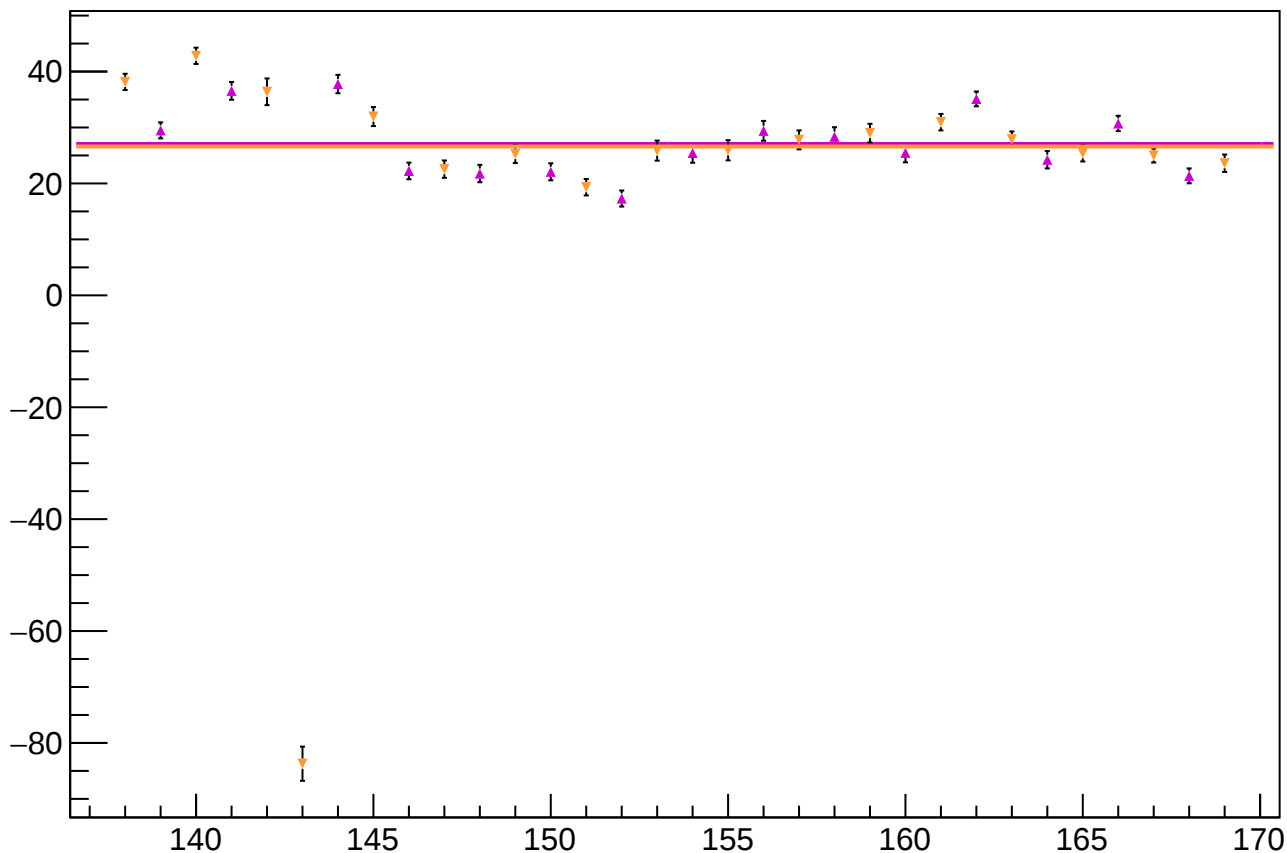
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.301 $\pm$ 0.042 χ^2 /NDF:140243.3/31

Out: 116.447 $\pm$ 0.039 χ^2 /NDF:431484.6/35

All: 120.939 $\pm$ 0.028 χ^2 /NDF: 601450.2/67

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

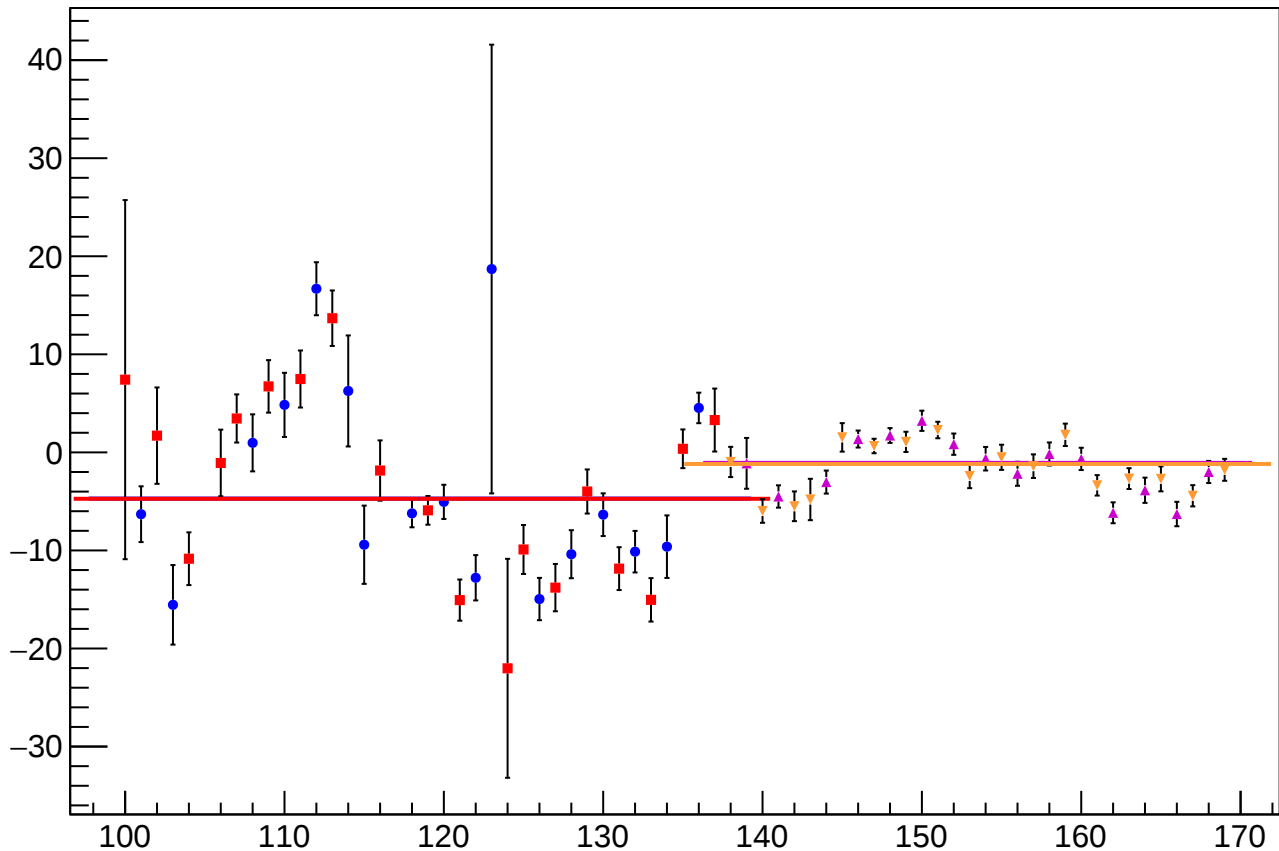
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -1.183 ± 0.275 $\chi^2/\text{NDF}: 83.4/16$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -1.071 ± 0.285 $\chi^2/\text{NDF}: 101.3/14$

Left: -1.129 ± 0.198 $\chi^2/\text{NDF}: 184.8/31$

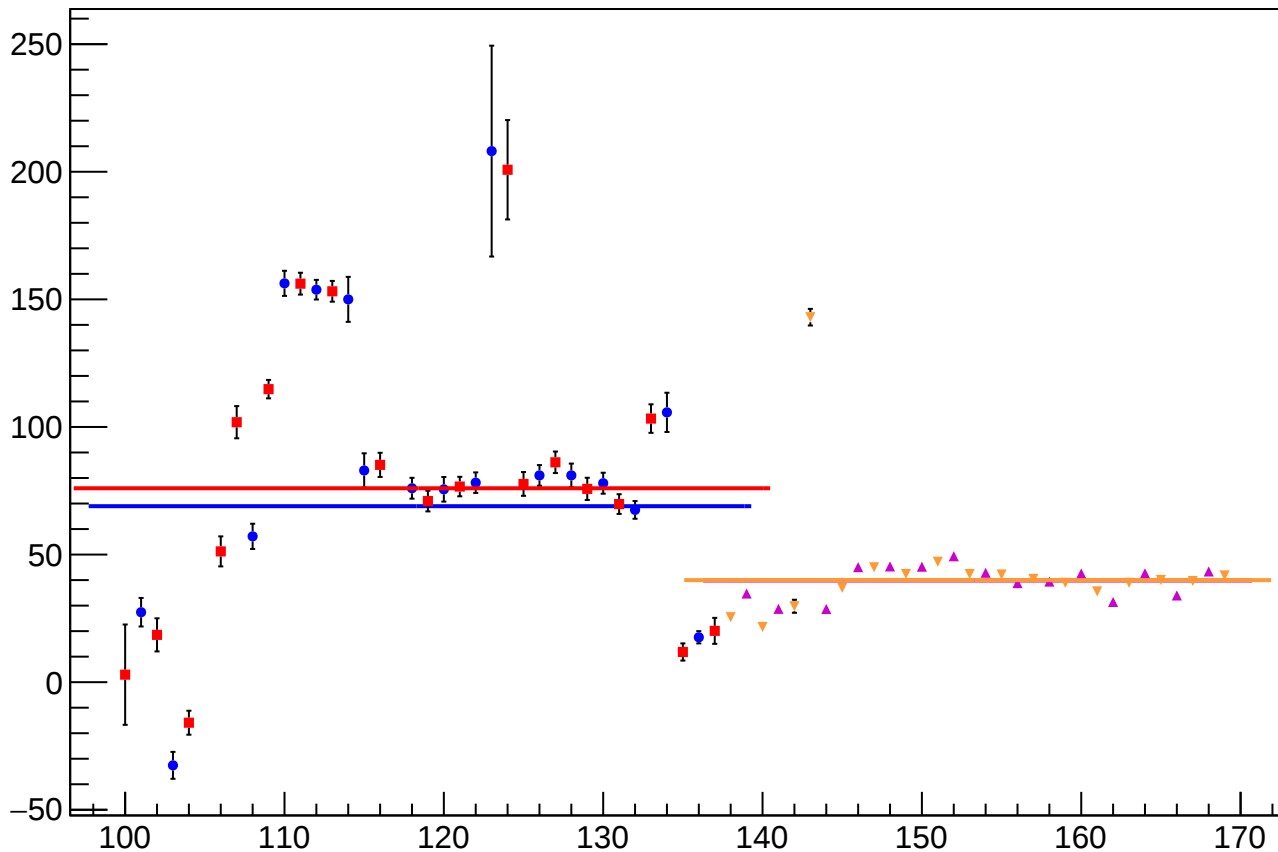
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.778 ± 0.256 $\chi^2/\text{NDF}: 307.7/31$

Out: -1.825 ± 0.249 $\chi^2/\text{NDF}: 303.3/35$

All: -1.802 ± 0.178 $\chi^2/\text{NDF}: 611.0/67$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 39.986 ± 0.381 $\chi^2/\text{NDF}: 1299.9/16$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 39.837 ± 0.385 $\chi^2/\text{NDF}: 263.1/14$

Left: 39.912 ± 0.271 $\chi^2/\text{NDF}: 1563.0/31$

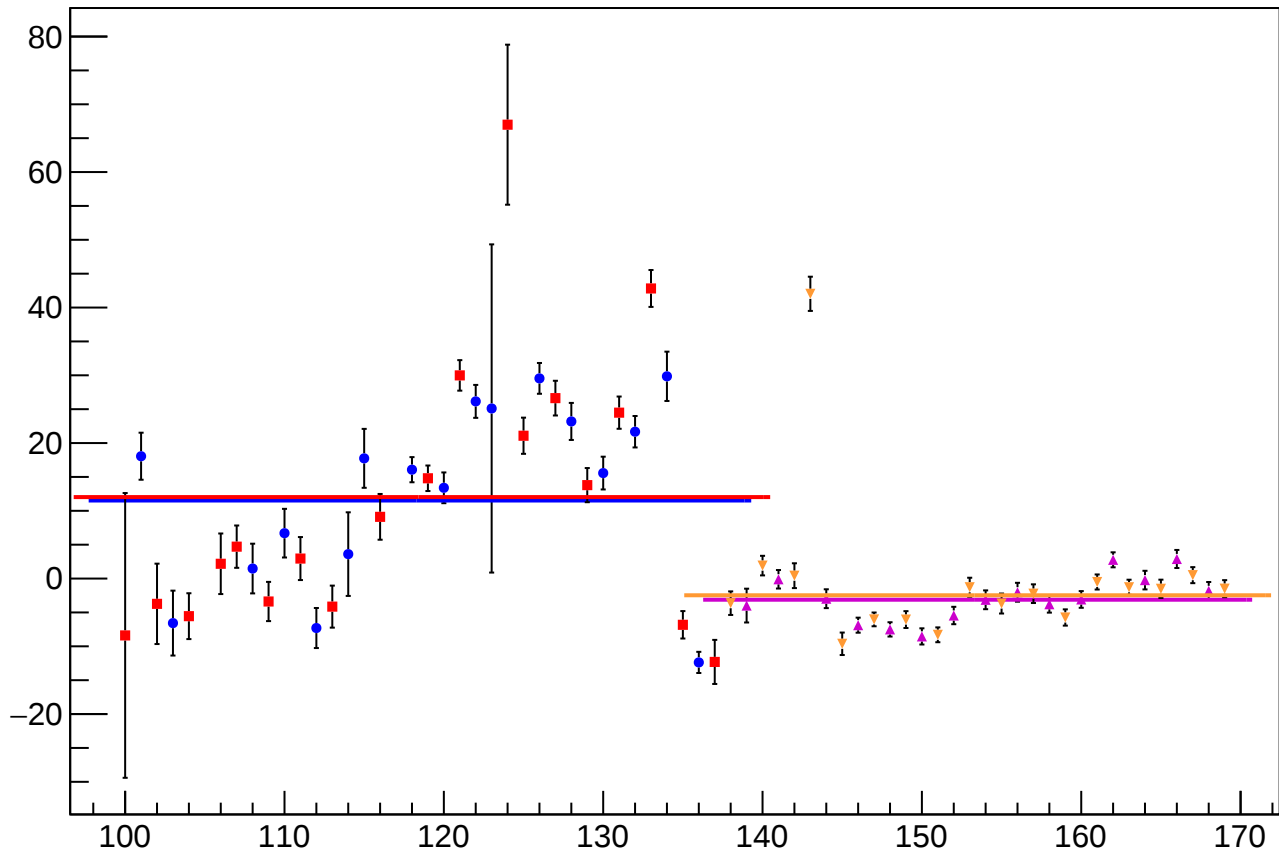
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.128 ± 0.363 $\chi^2/\text{NDF}: 2753.4/31$

Out: 44.040 ± 0.359 $\chi^2/\text{NDF}: 4200.1/35$

All: 43.589 ± 0.255 $\chi^2/\text{NDF}: 6956.7/67$

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: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

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

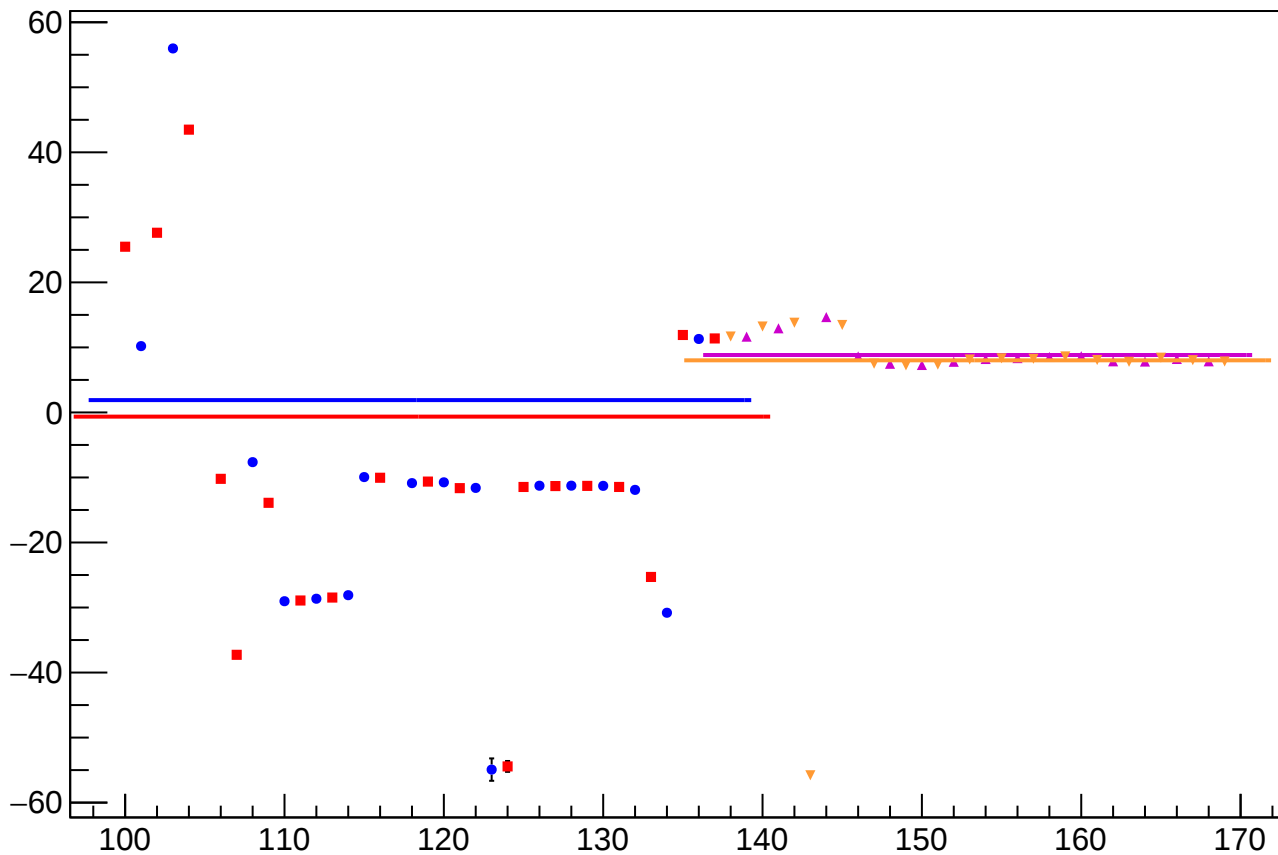
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: -0.163 $\pm$ 0.297 χ^2 /NDF: 982.8/31

Out: 0.259 $\pm$ 0.288 χ^2 /NDF: 1337.1/35

All: 0.054 $\pm$ 0.207 χ^2 /NDF: 2320.9/67

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.013 ± 0.015 χ^2/NDF : 256524.9/16

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 8.832 ± 0.015 χ^2/NDF : 14866.4/14

Left: 8.416 ± 0.011 χ^2/NDF : 272873.9/31

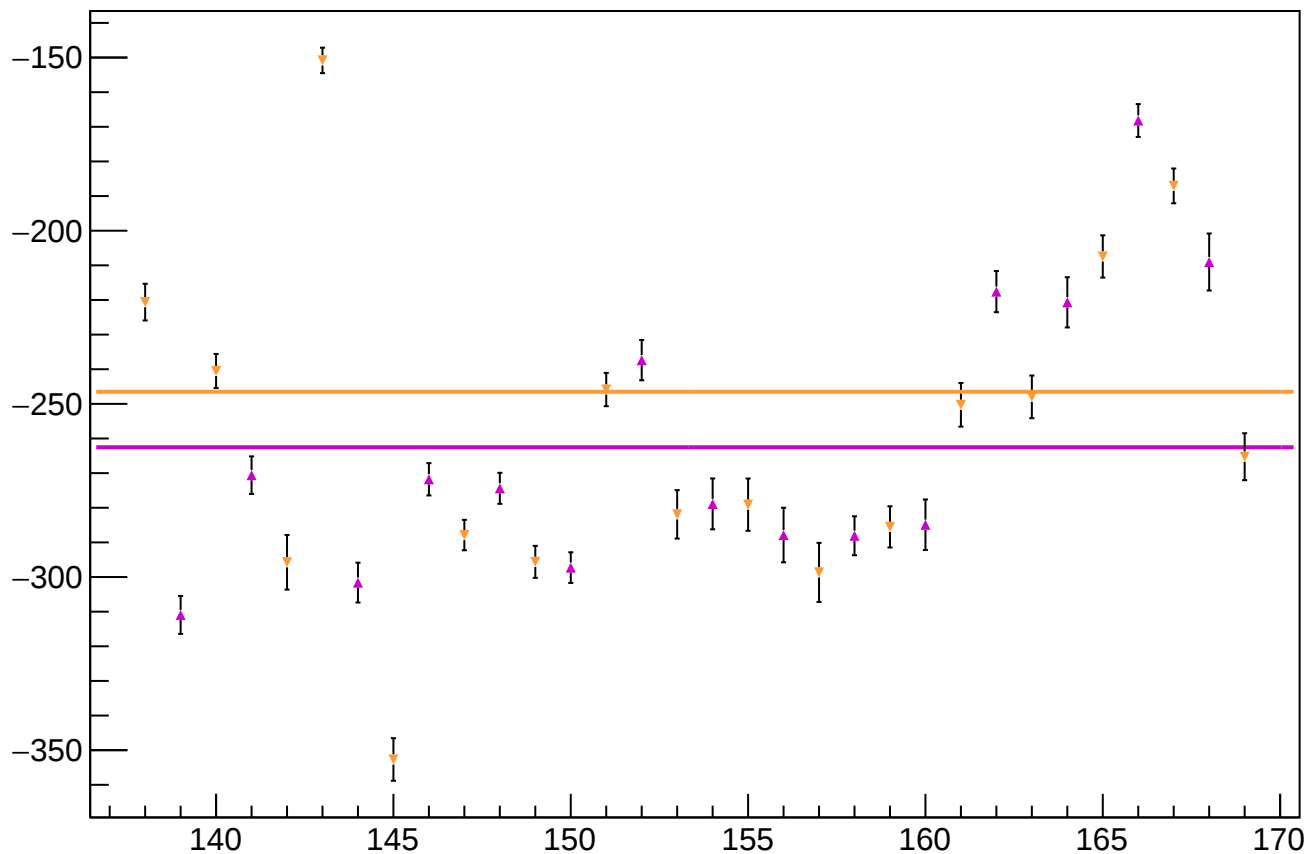
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 7.839 ± 0.014 χ^2/NDF : 403758.7/31

Out: 6.805 ± 0.014 χ^2/NDF : 665123.3/35

All: 7.315 ± 0.010 χ^2/NDF : 1071636.6/67

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

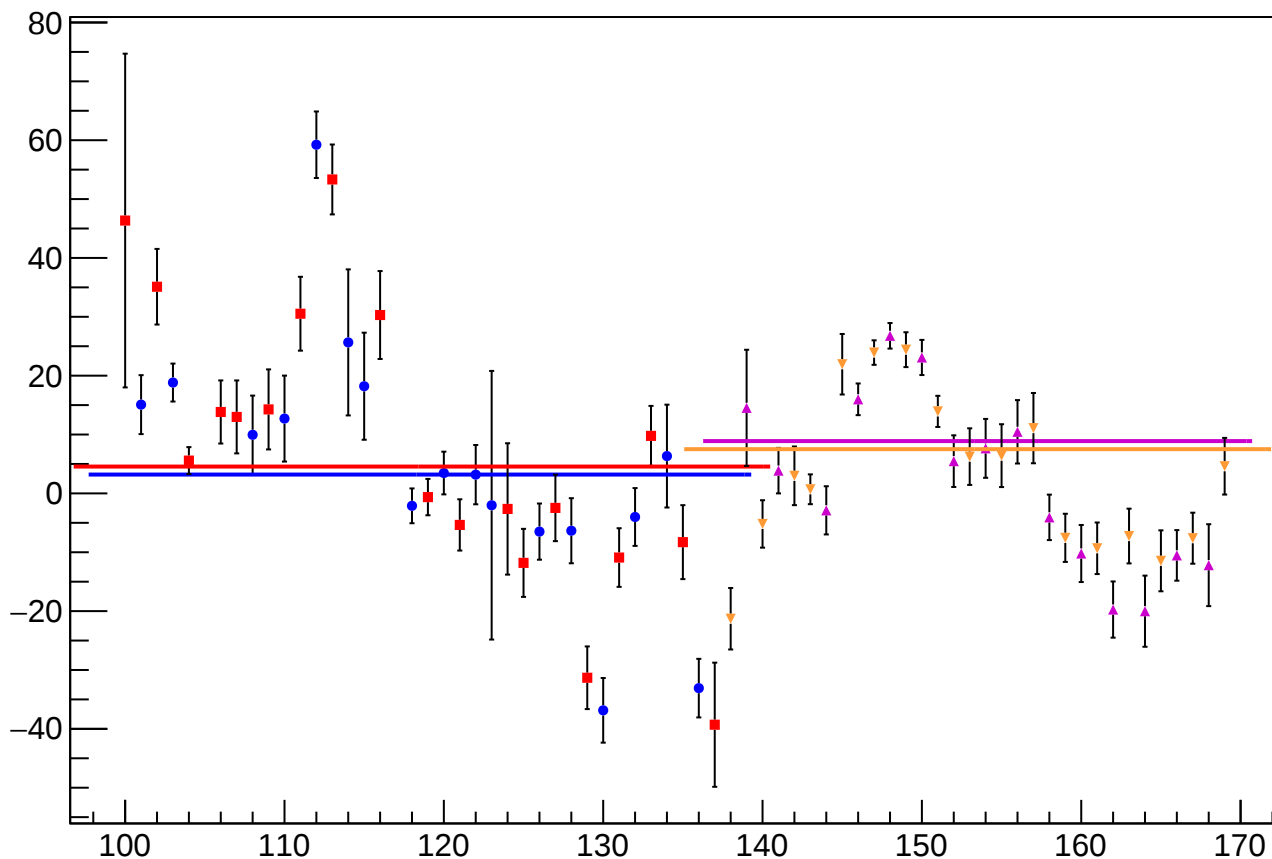
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-1.227 χ^2/NDF : 255.2/16

Left Out: 7.514+/-0.906 χ^2/NDF : 221.7/16

Right Out: 4.558+/-1.158 χ^2/NDF : 223.9/18

Left In: 8.886+/-1.009 χ^2/NDF : 223.7/14

Left: 8.126+/-0.674 χ^2/NDF : 446.5/31

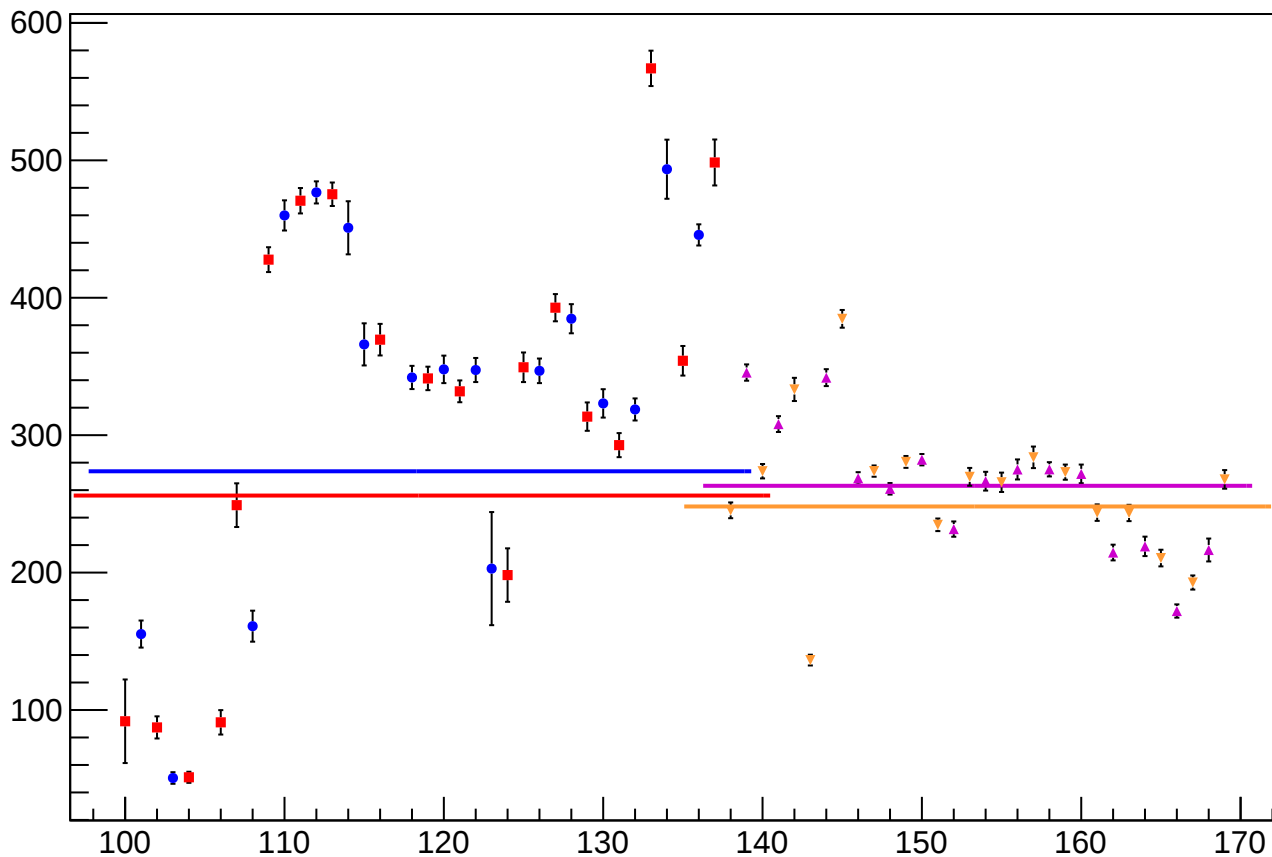
Right: 3.919+/-0.842 χ^2/NDF : 479.7/35

In: 6.592+/-0.780 χ^2/NDF : 491.7/31

Out: 6.391+/-0.713 χ^2/NDF : 449.7/35

All: 6.483+/-0.526 χ^2/NDF : 941.5/67

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: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

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

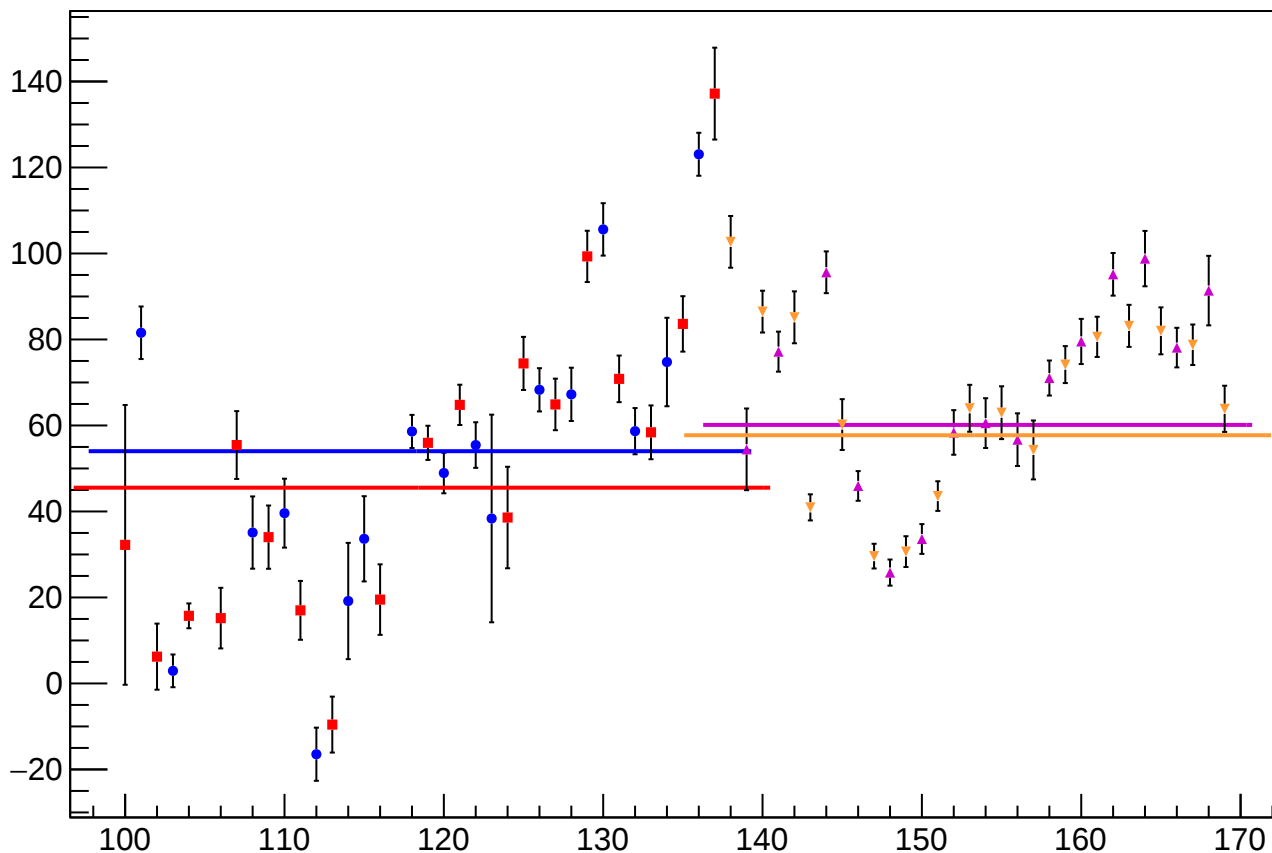
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 266.302 $\pm$ 1.198 χ^2 /NDF:6099.5/31

Out: 250.413 $\pm$ 1.120 χ^2 /NDF:8164.2/35

All: 257.822 $\pm$ 0.818 χ^2 /NDF: 14357.6/67

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: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

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

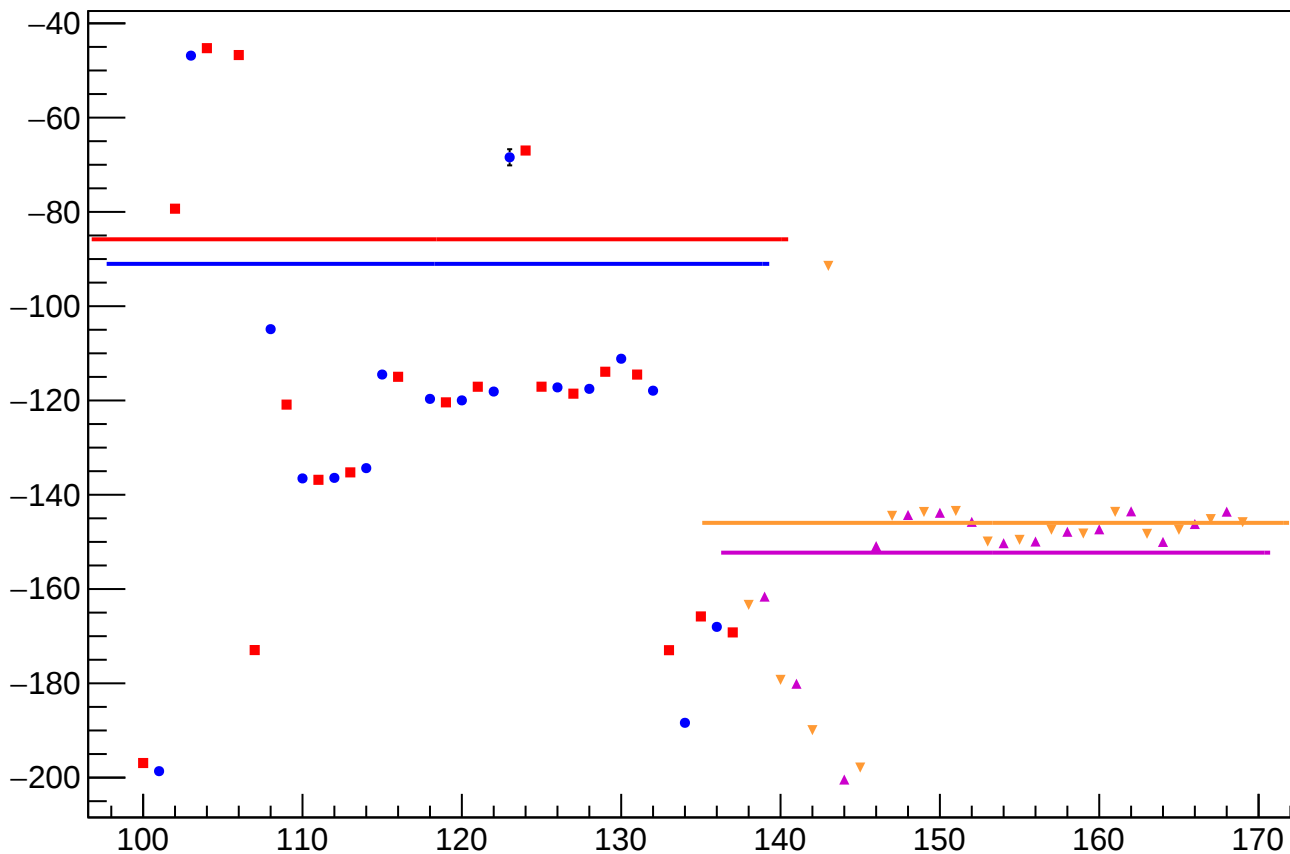
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.584 $\pm$ 0.918 χ^2 /NDF:1051.7/31

Out: 52.987 $\pm$ 0.846 χ^2 /NDF:997.3/35

All: 55.098 $\pm$ 0.622 χ^2 /NDF: 2062.5/67

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.959 ± 0.053 $\chi^2/\text{NDF}: 205715.1/16$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -152.281 ± 0.057 $\chi^2/\text{NDF}: 57492.3/14$

Left: -148.895 ± 0.039 $\chi^2/\text{NDF}: 269709.9/31$

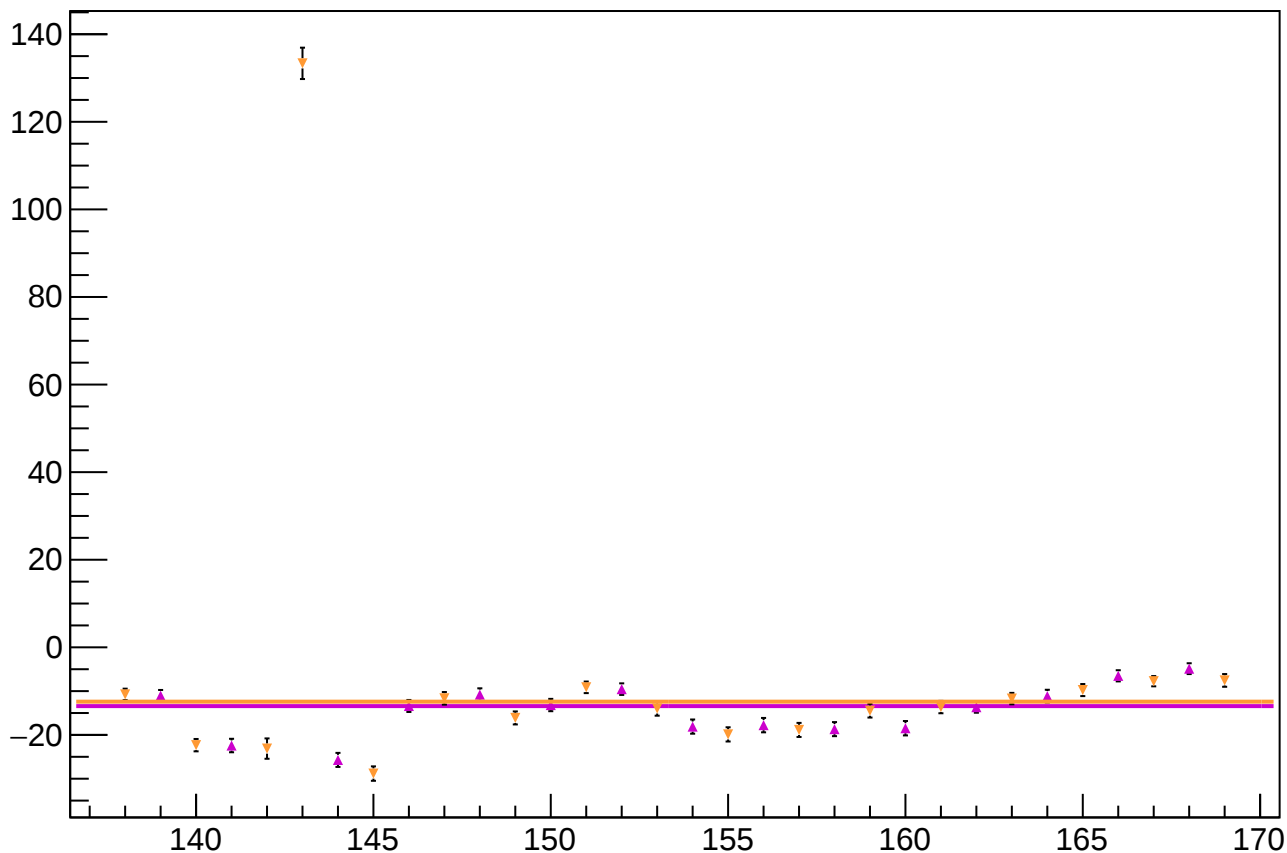
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -126.622 ± 0.044 $\chi^2/\text{NDF}: 1069255.8/31$

Out: -121.717 ± 0.041 $\chi^2/\text{NDF}: 1212445.5/35$

All: -124.028 ± 0.030 $\chi^2/\text{NDF}: 2288352.5/67$

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

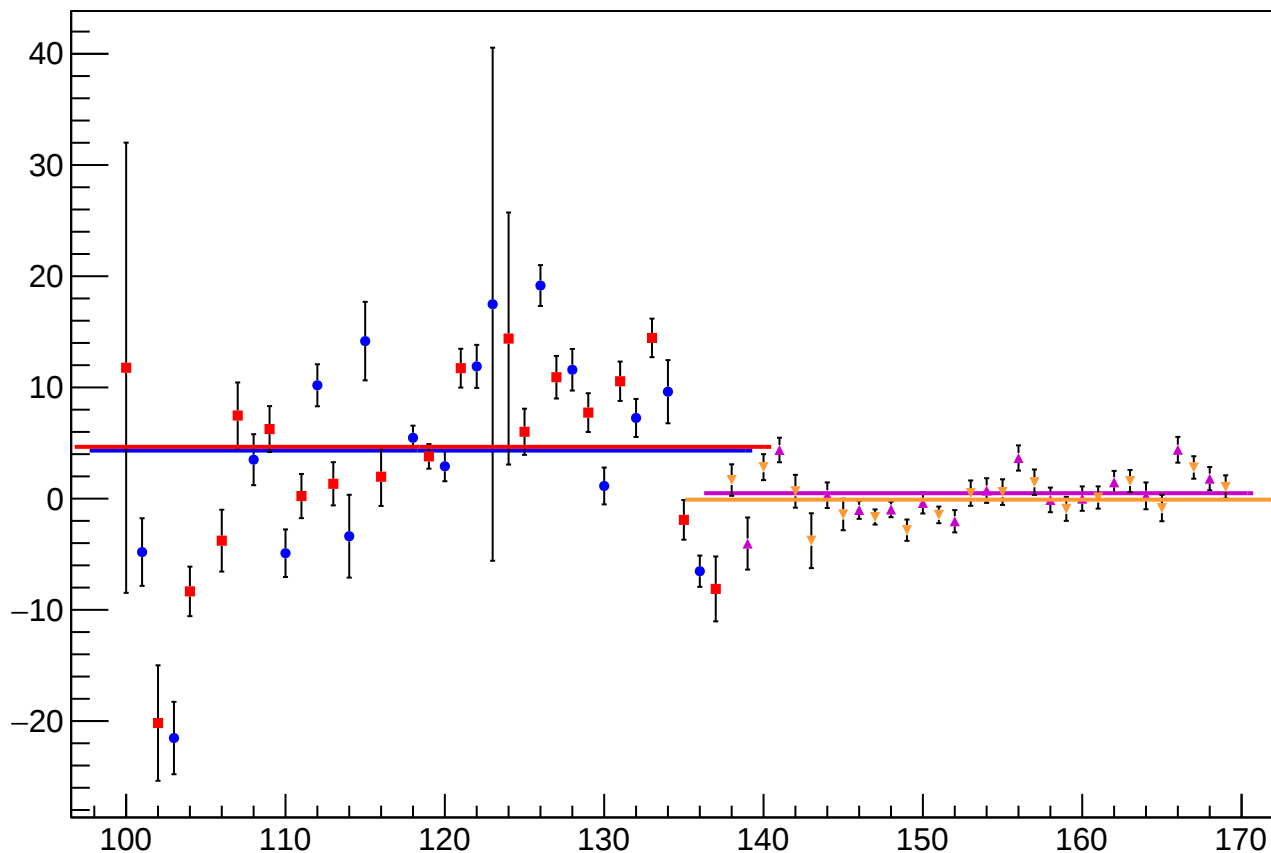
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

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

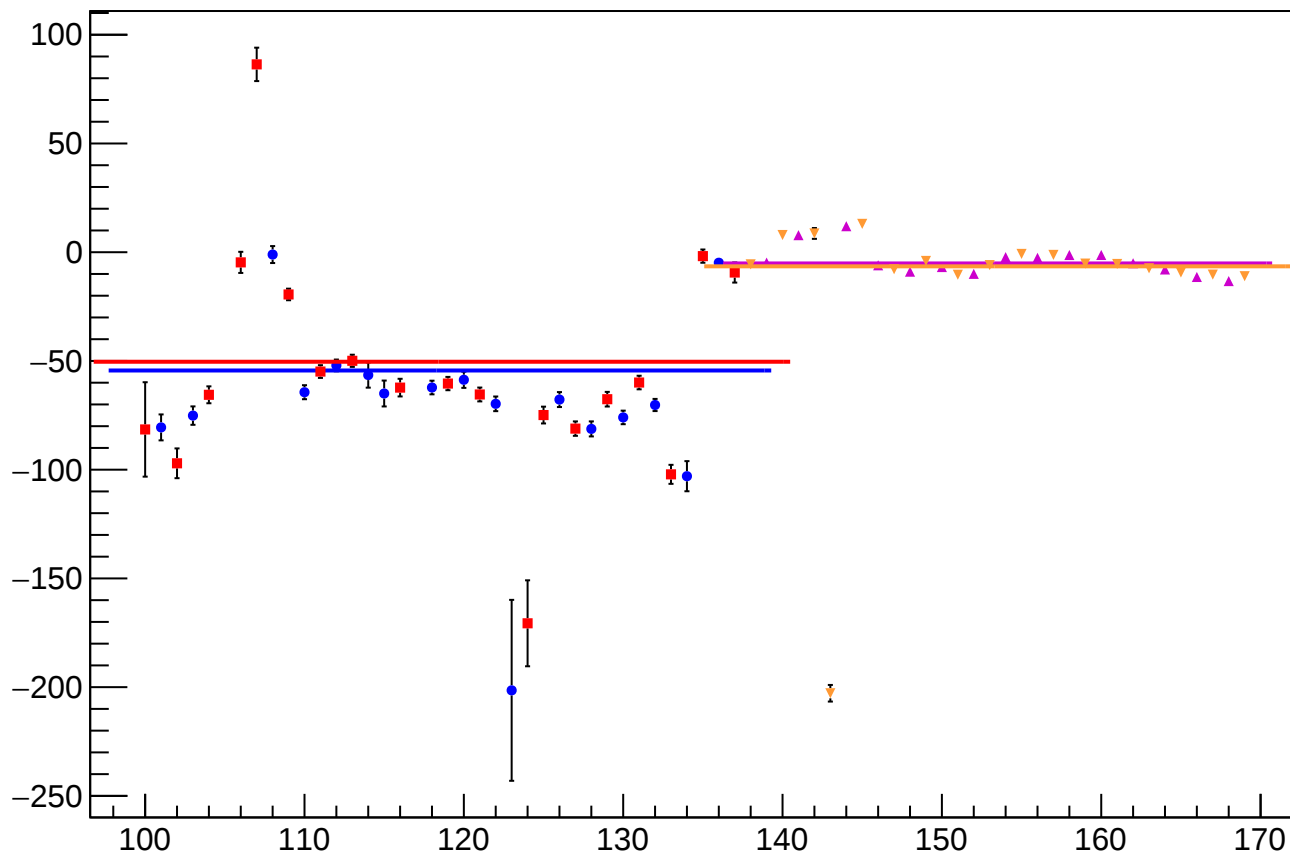
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 1.439 $\pm$ 0.232 χ^2 /NDF:384.8/31

Out: 0.987 $\pm$ 0.226 χ^2 /NDF:305.9/35

All: 1.207 $\pm$ 0.162 χ^2 /NDF: 692.7/67

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: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -5.166 ± 0.360 $\chi^2/\text{NDF}: 275.2/14$

Left: -5.834 ± 0.253 $\chi^2/\text{NDF}: 3248.9/31$

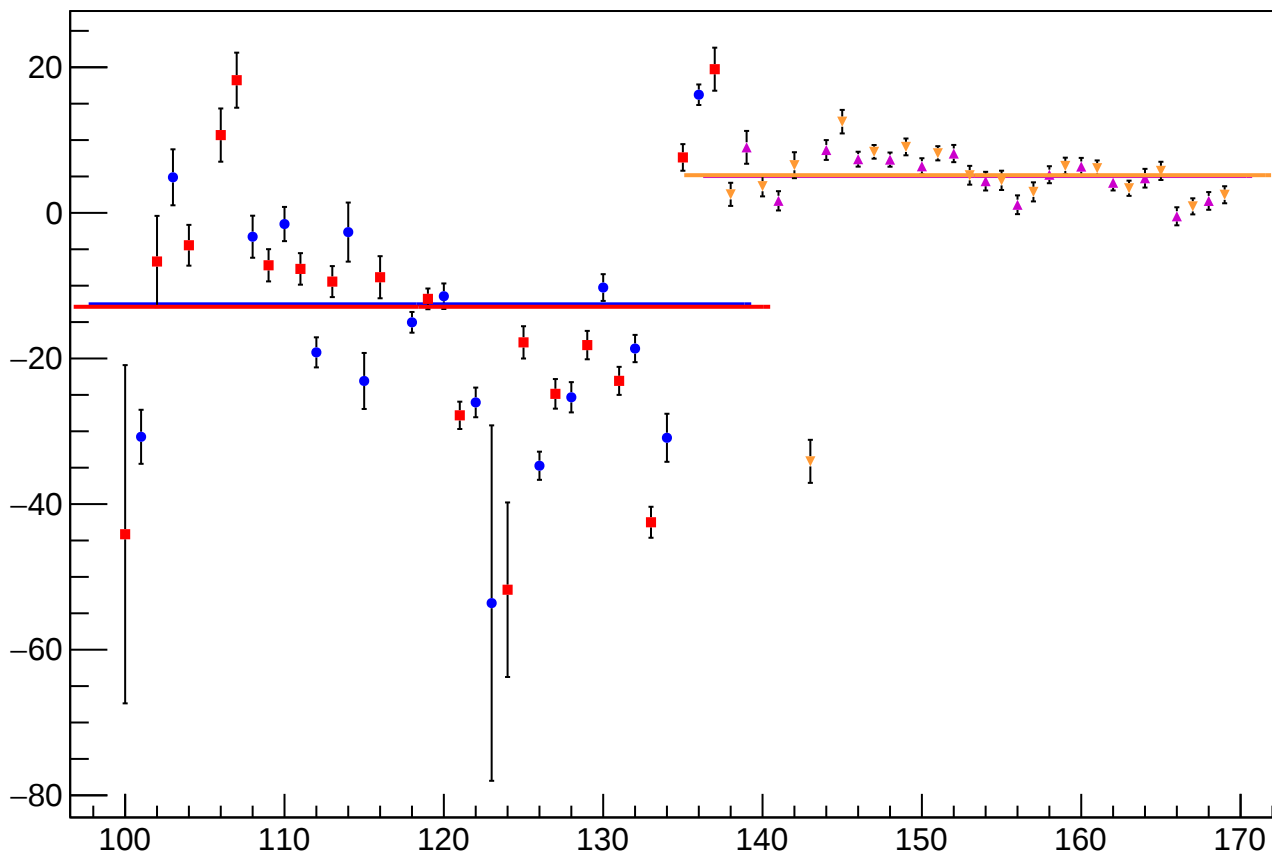
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.445 ± 0.332 $\chi^2/\text{NDF}: 4051.6/31$

Out: -12.951 ± 0.329 $\chi^2/\text{NDF}: 6520.0/35$

All: -12.701 ± 0.234 $\chi^2/\text{NDF}: 10572.8/67$

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: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.060 ± 0.311 χ^2/NDF : 74.8/14

Left: 5.121 ± 0.216 χ^2/NDF : 338.3/31

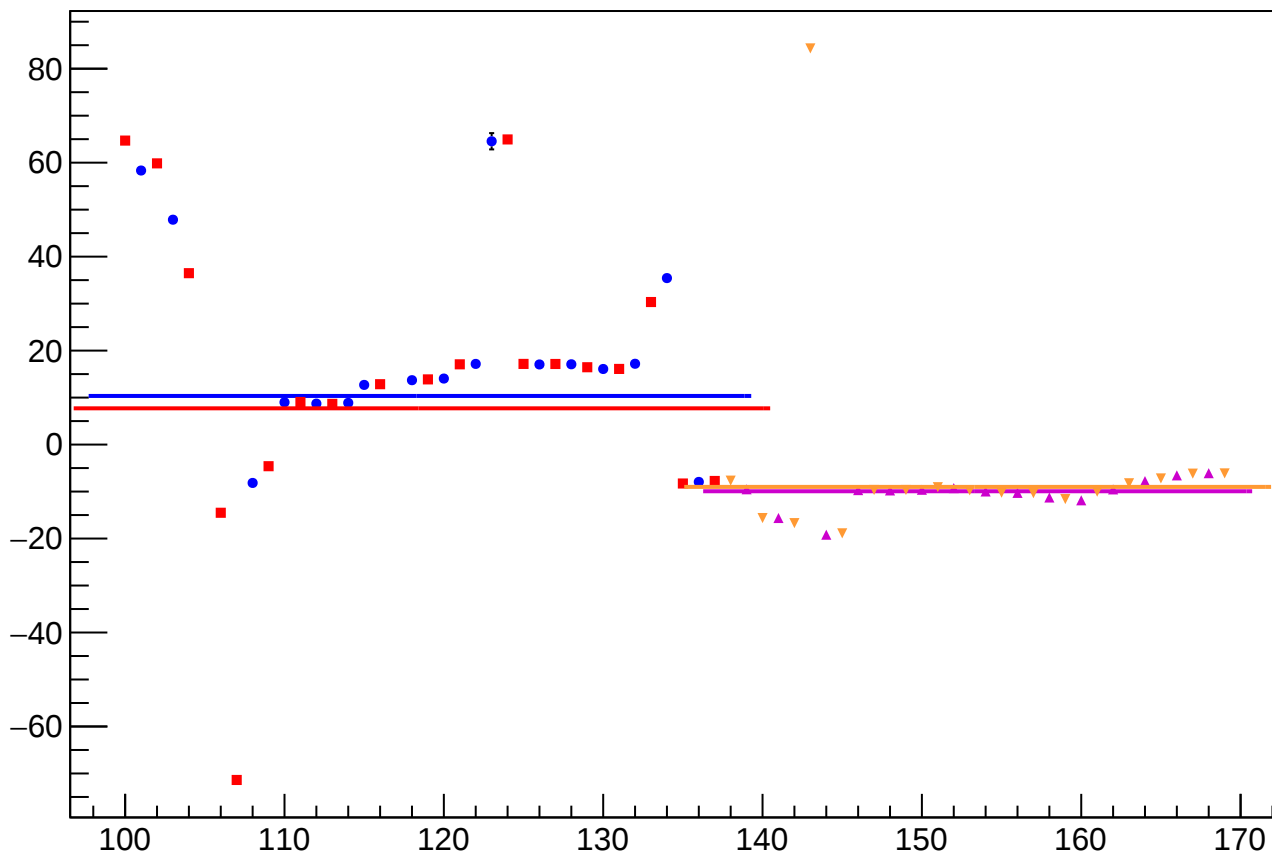
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.559 ± 0.269 χ^2/NDF : 1672.8/31

Out: 0.907 ± 0.262 χ^2/NDF : 1853.5/35

All: 0.738 ± 0.187 χ^2/NDF : 3527.2/67

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: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -9.936+/-0.014 χ^2/NDF : 36228.4/14

Left: -9.465+/-0.010 χ^2/NDF : 457426.9/31

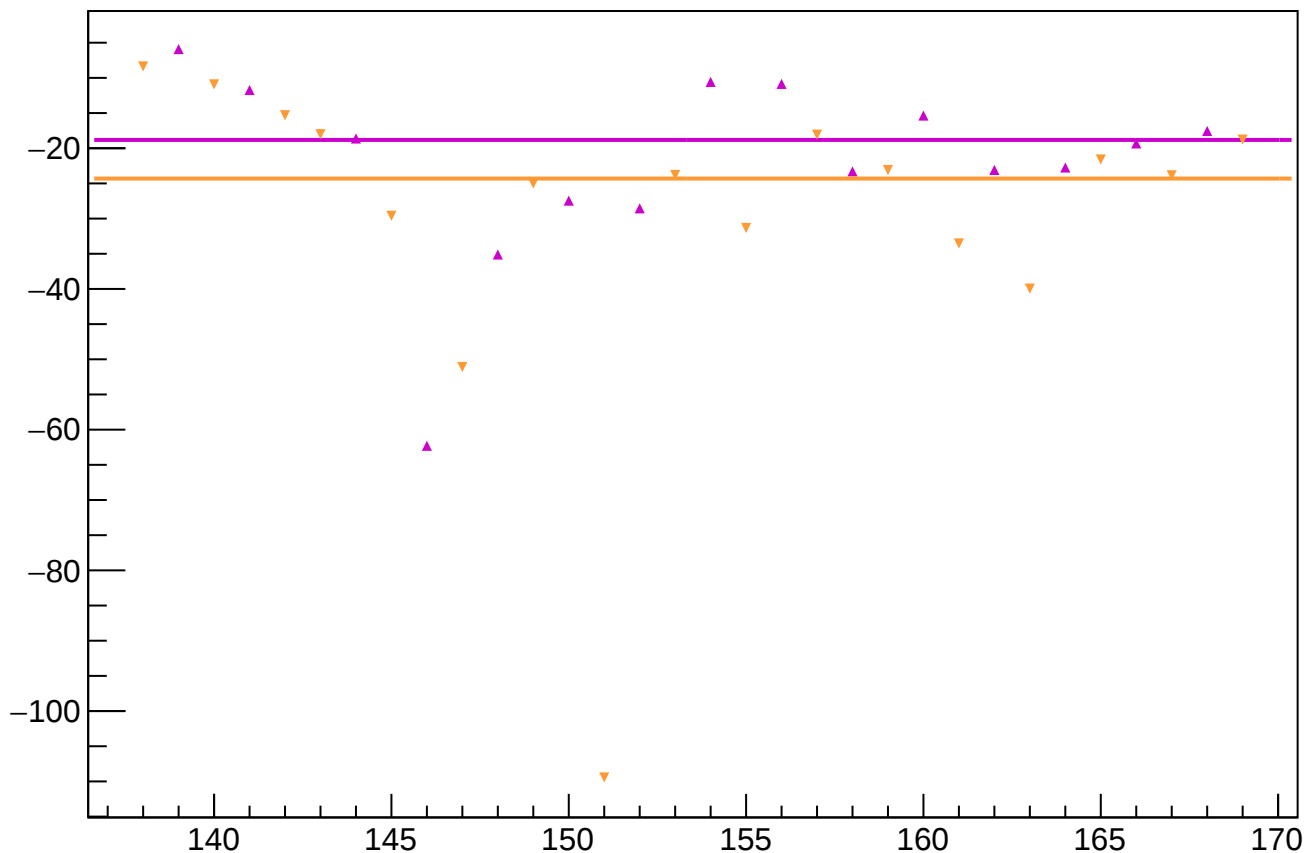
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -6.356+/-0.013 χ^2/NDF : 779504.8/31

Out: -6.227+/-0.013 χ^2/NDF : 1202575.6/35

All: -6.291+/-0.009 χ^2/NDF : 1982131.2/67

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

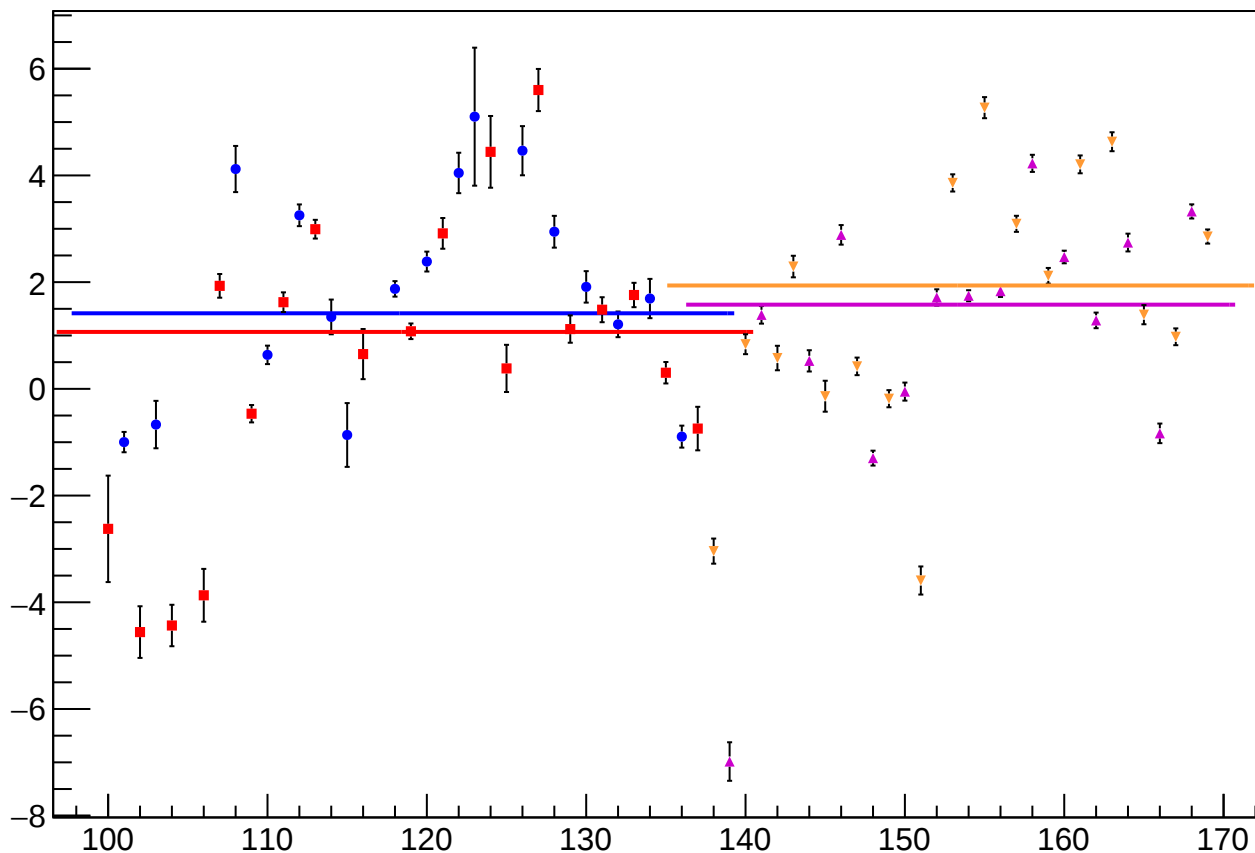
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.937 $\pm$ 0.043 χ^2 /NDF:2267.1/16

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.578 $\pm$ 0.038 χ^2 /NDF:1896.3/14

Left: 1.737 $\pm$ 0.029 χ^2 /NDF: 4202.5/31

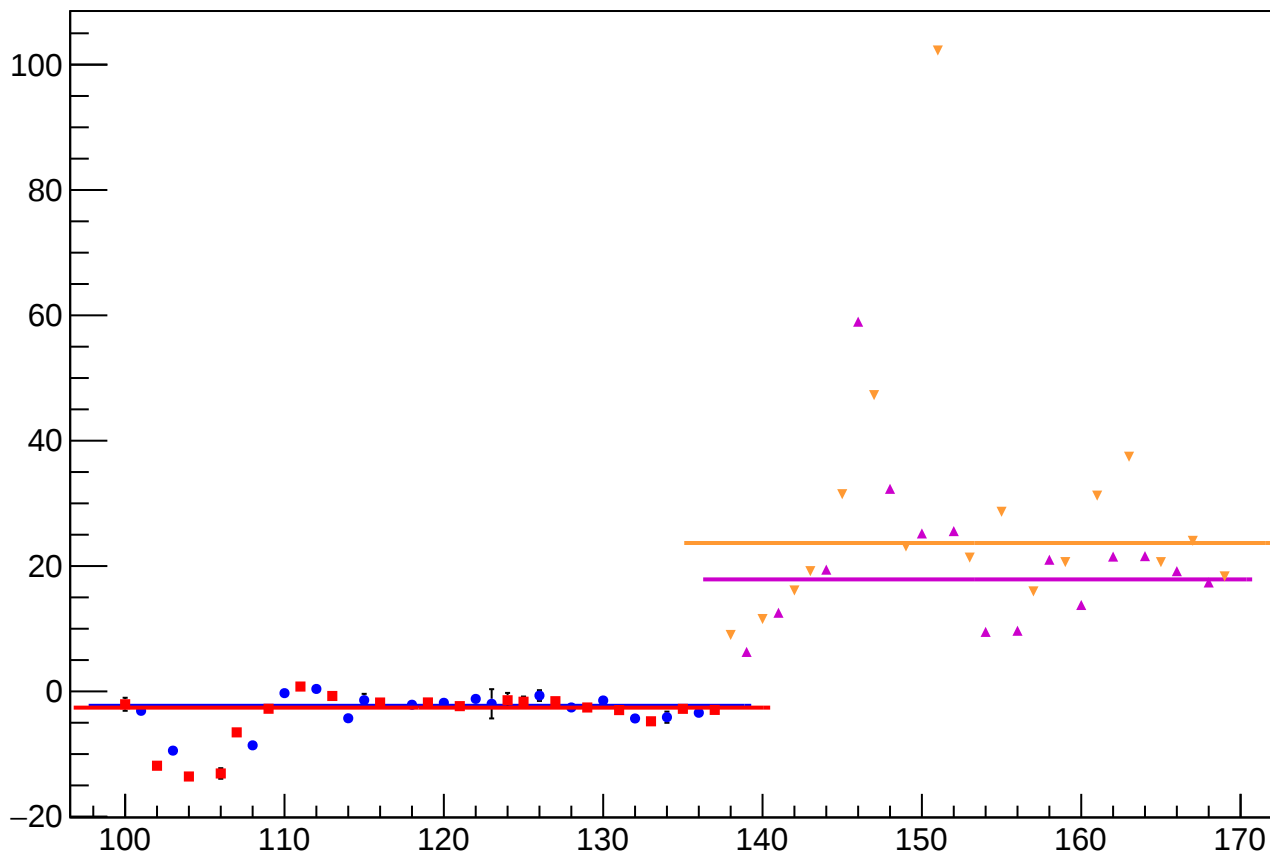
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.533 $\pm$ 0.032 χ^2 /NDF:2532.5/31

Out: 1.630 $\pm$ 0.035 χ^2 /NDF:3342.1/35

All: 1.578 $\pm$ 0.024 χ^2 /NDF: 5878.9/67

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 23.677 ± 0.057 $\chi^2/\text{NDF}: 51733.2/16$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 17.870 ± 0.050 $\chi^2/\text{NDF}: 35762.6/14$

Left: 20.404 ± 0.038 $\chi^2/\text{NDF}: 93270.0/31$

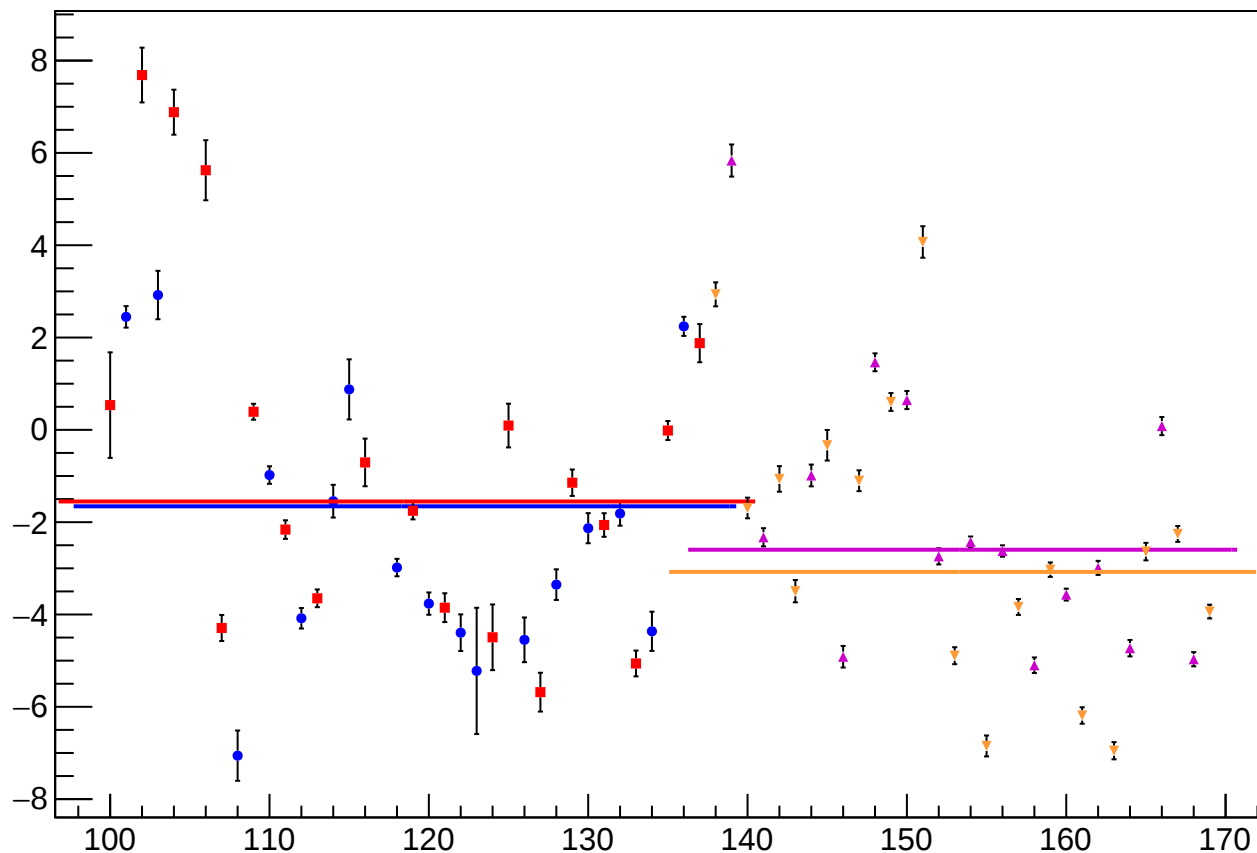
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 14.405 ± 0.046 $\chi^2/\text{NDF}: 63626.7/31$

Out: 17.054 ± 0.050 $\chi^2/\text{NDF}: 105457.7/35$

All: 15.628 ± 0.034 $\chi^2/\text{NDF}: 170619.6/67$

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: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.597 ± 0.043 χ^2/NDF : 2299.3/14

Left: -2.809 ± 0.032 χ^2/NDF : 5120.8/31

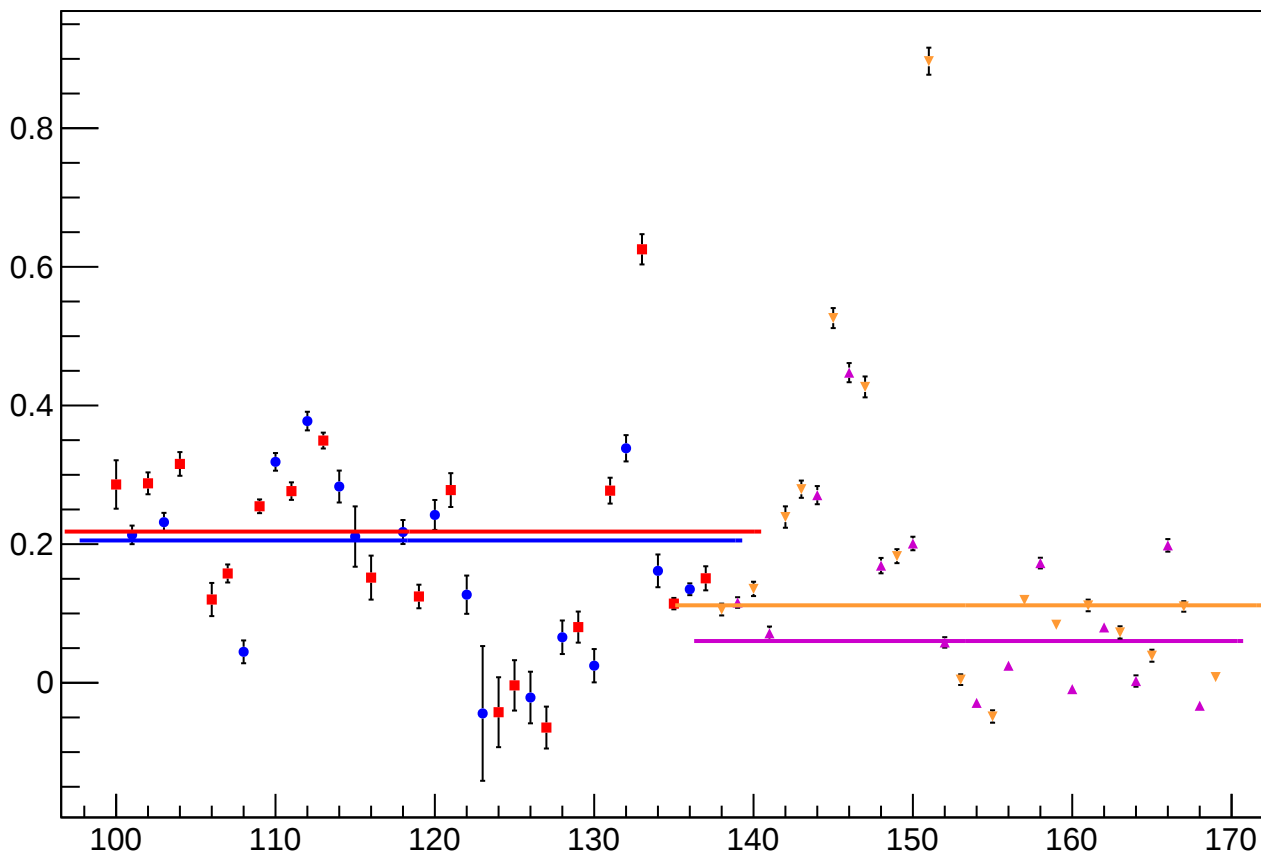
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.337 ± 0.037 χ^2/NDF : 3699.5/31

Out: -2.533 ± 0.039 χ^2/NDF : 4603.6/35

All: -2.430 ± 0.027 χ^2/NDF : 8316.4/67

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.112 $\pm$ 0.002 χ^2 /NDF:4031.9/16

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.060 $\pm$ 0.002 χ^2 /NDF:2660.3/14

Left: 0.082 $\pm$ 0.001 χ^2 /NDF: 7007.3/31

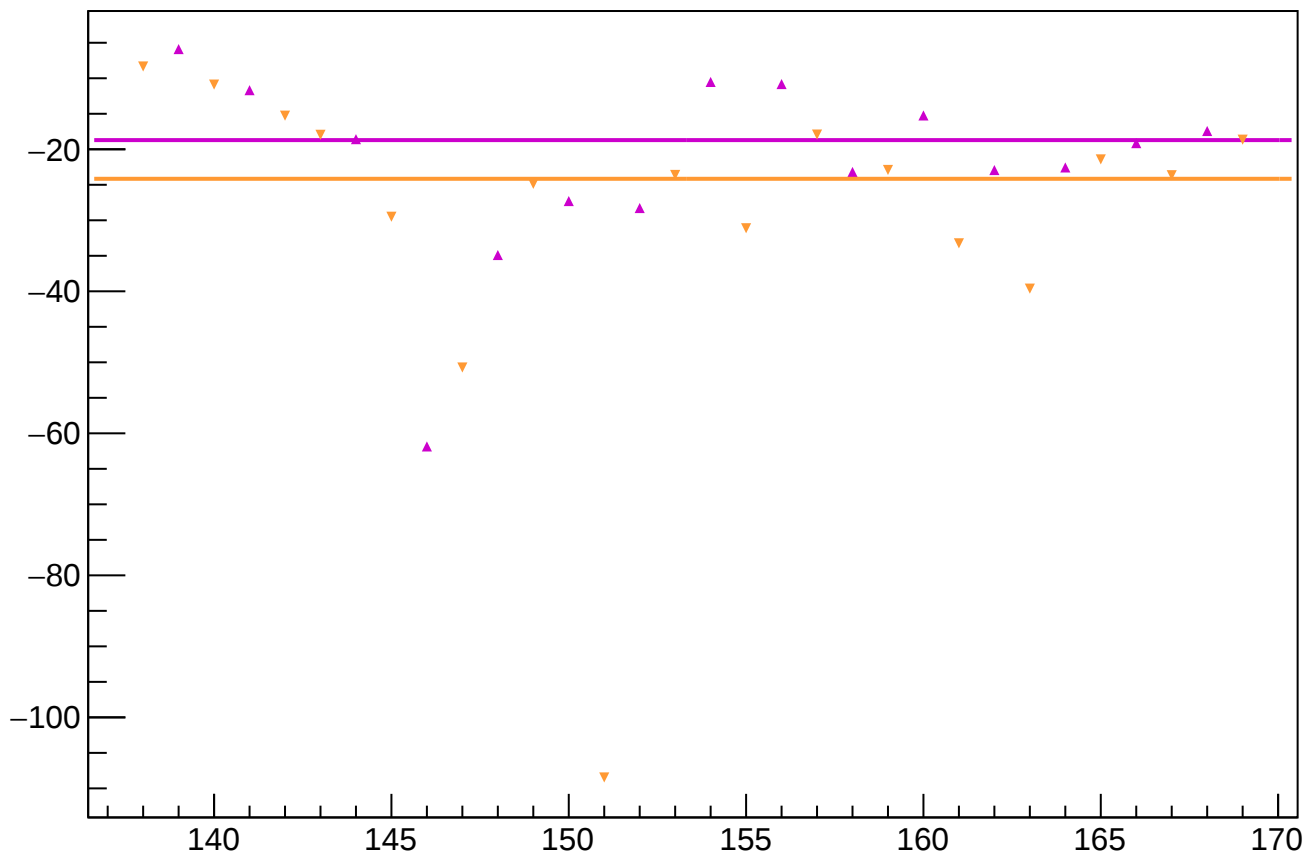
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.085 $\pm$ 0.002 χ^2 /NDF:4297.0/31

Out: 0.140 $\pm$ 0.002 χ^2 /NDF:5668.0/35

All: 0.110 $\pm$ 0.001 χ^2 /NDF: 10418.3/67

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

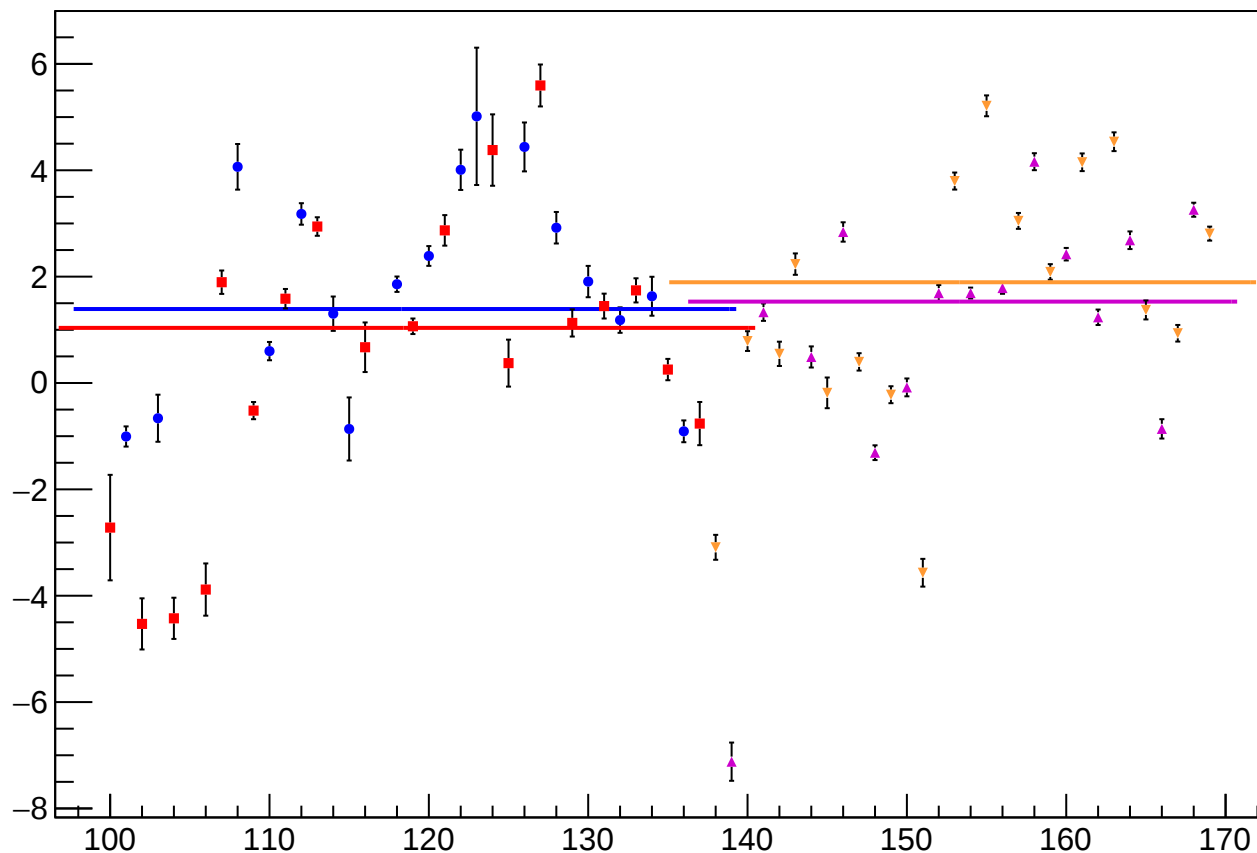
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 1.894 ± 0.043 $\chi^2/\text{NDF}: 2266.6/16$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 1.530 ± 0.038 $\chi^2/\text{NDF}: 1906.7/14$

Left: 1.691 ± 0.028 $\chi^2/\text{NDF}: 4213.9/31$

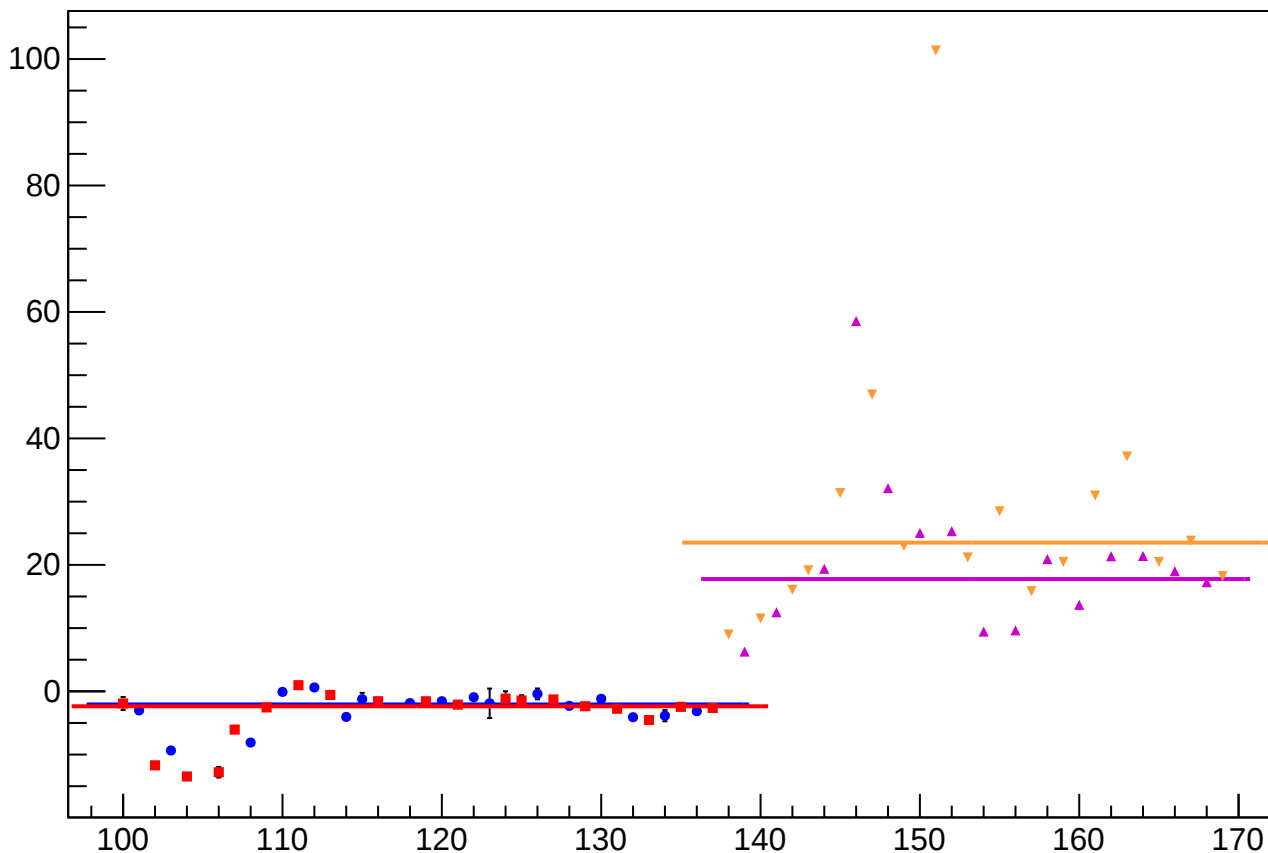
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 1.491 ± 0.032 $\chi^2/\text{NDF}: 2539.7/31$

Out: 1.592 ± 0.034 $\chi^2/\text{NDF}: 3343.3/35$

All: 1.538 ± 0.023 $\chi^2/\text{NDF}: 5887.6/67$

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: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.766 ± 0.050 χ^2/NDF : 35688.2/14

Left: 20.279 ± 0.038 χ^2/NDF : 93036.2/31

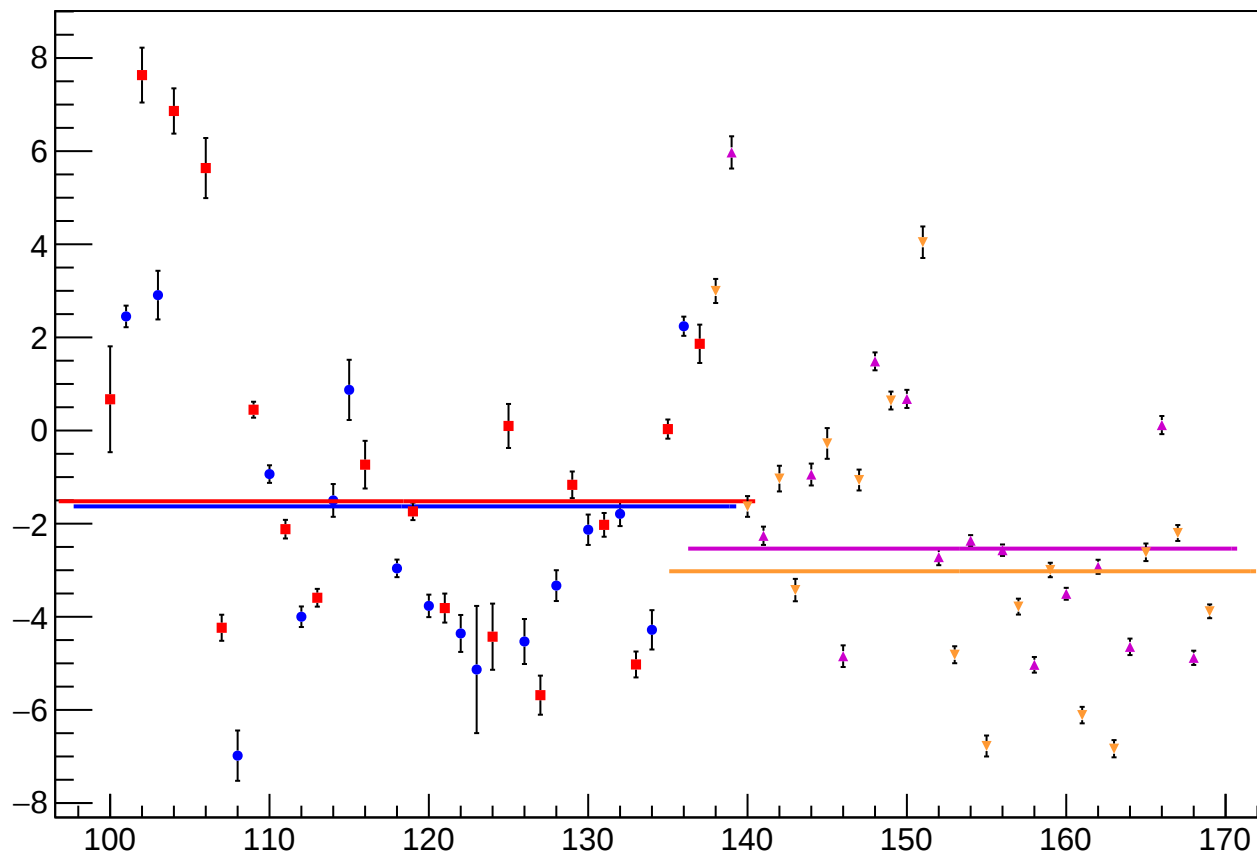
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.364 ± 0.046 χ^2/NDF : 62947.5/31

Out: 17.009 ± 0.049 χ^2/NDF : 104390.8/35

All: 15.585 ± 0.034 χ^2/NDF : 168887.5/67

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -3.022 ± 0.048 χ^2/NDF : 2765.7/16

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.536 ± 0.043 χ^2/NDF : 2310.4/14

Left: -2.751 ± 0.032 χ^2/NDF : 5132.1/31

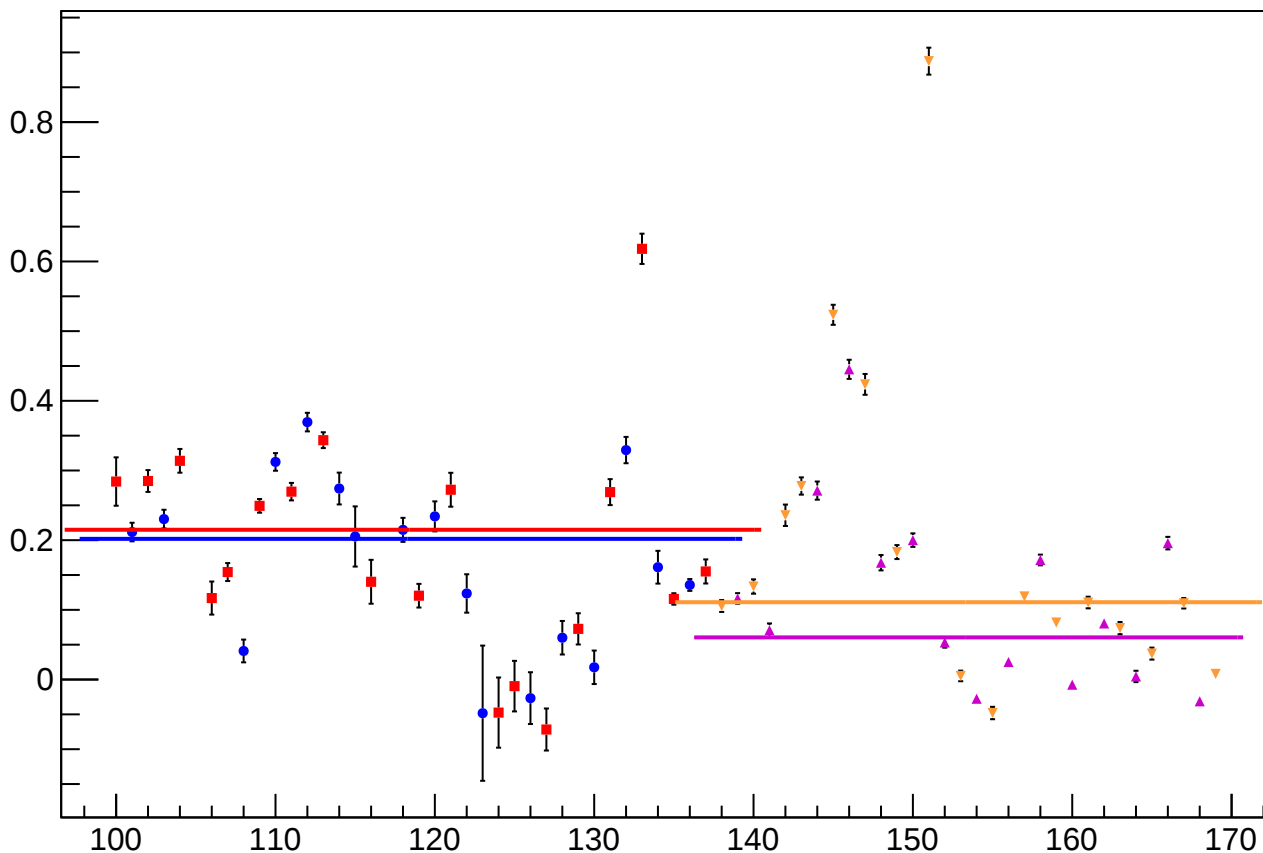
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.287 ± 0.037 χ^2/NDF : 3697.9/31

Out: -2.488 ± 0.039 χ^2/NDF : 4599.2/35

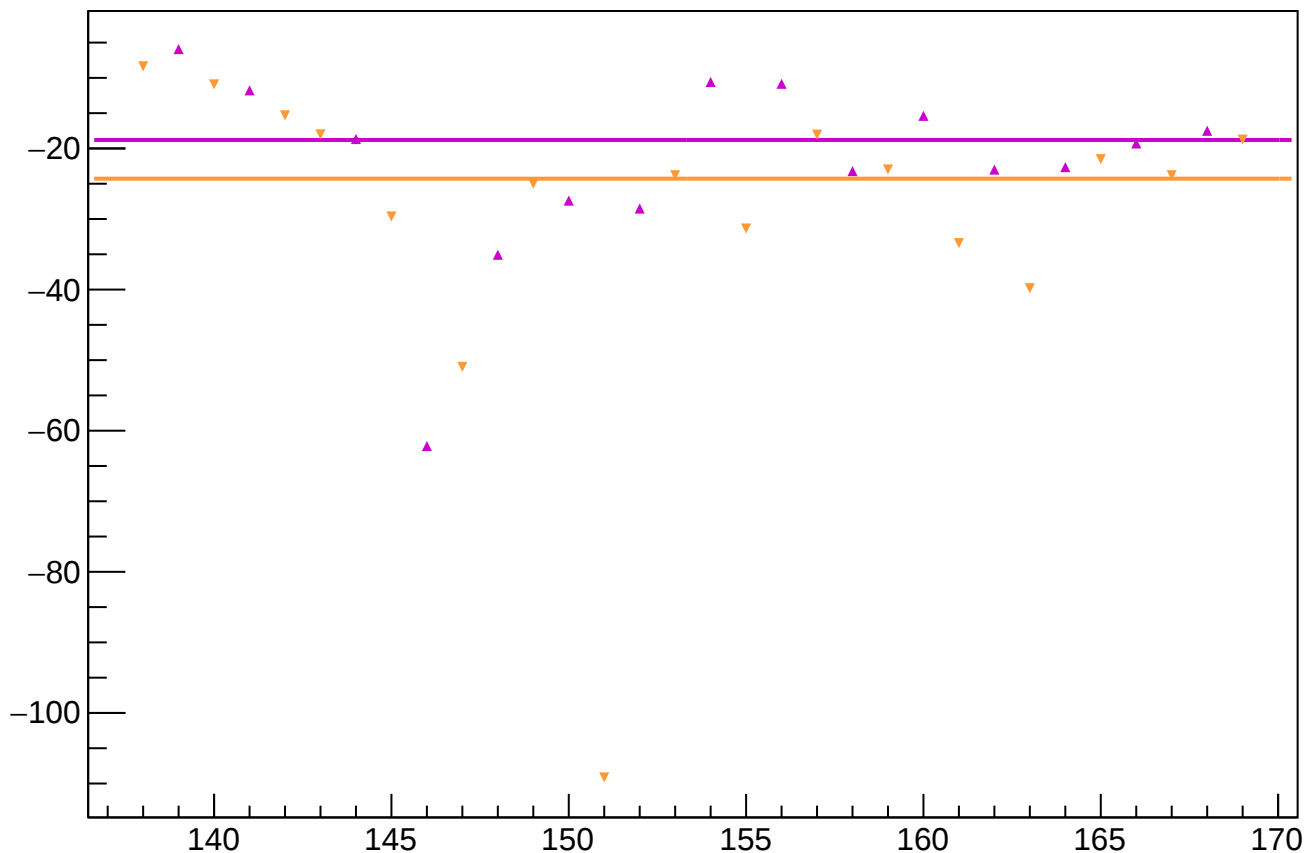
All: -2.382 ± 0.027 χ^2/NDF : 8311.3/67

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.082 $\pm$ 0.001 χ^2 /NDF: 6975.0/31
 Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35
 In: 0.085 $\pm$ 0.002 χ^2 /NDF: 4221.7/31
 Out: 0.138 $\pm$ 0.002 χ^2 /NDF: 5624.8/35
 All: 0.109 $\pm$ 0.001 χ^2 /NDF: 10288.3/67

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



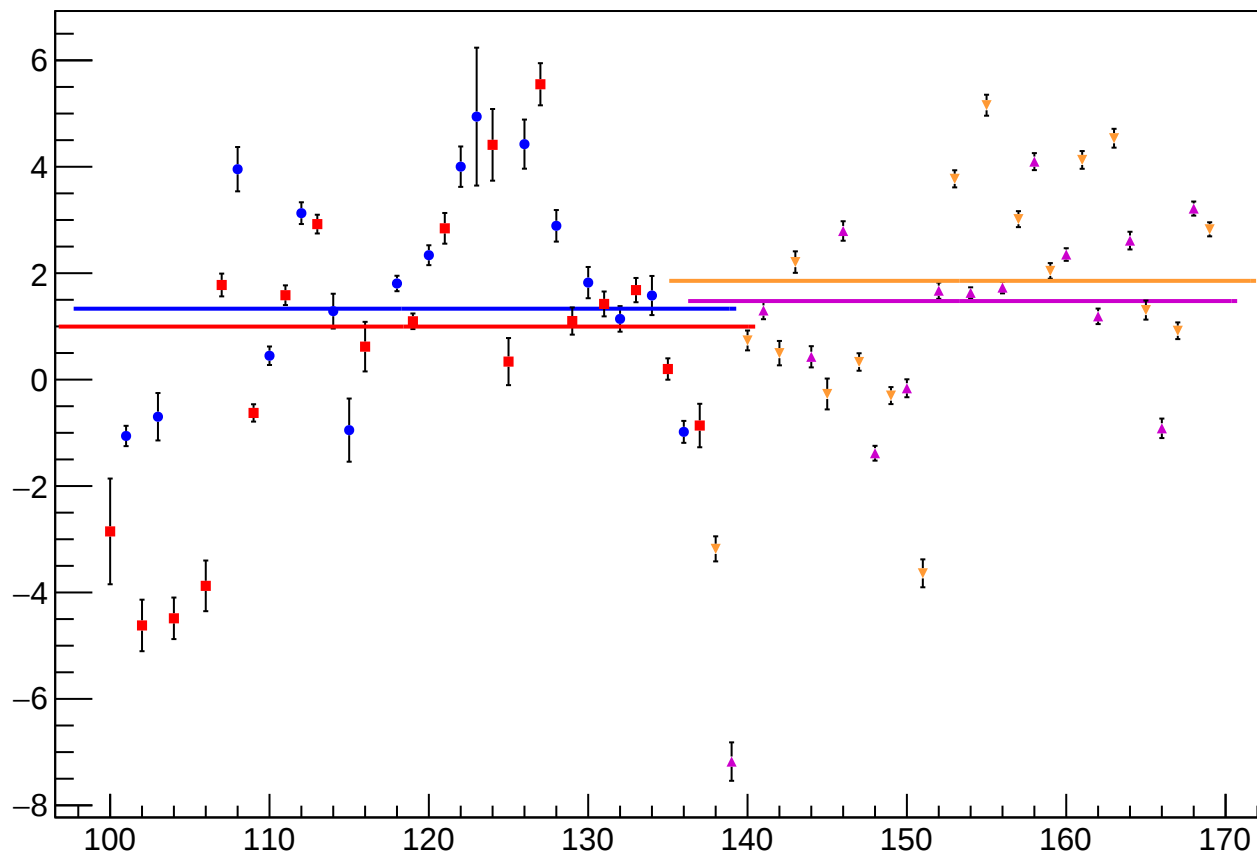
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.284+/-0.058 χ^2/NDF : 57695.5/16
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.800+/-0.052 χ^2/NDF : 37903.9/14

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 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.856 $\pm$ 0.043 χ^2 /NDF:2289.2/16

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: 1.476 $\pm$ 0.038 χ^2 /NDF:1897.3/14

Left: 1.644 $\pm$ 0.028 χ^2 /NDF: 4230.3/31

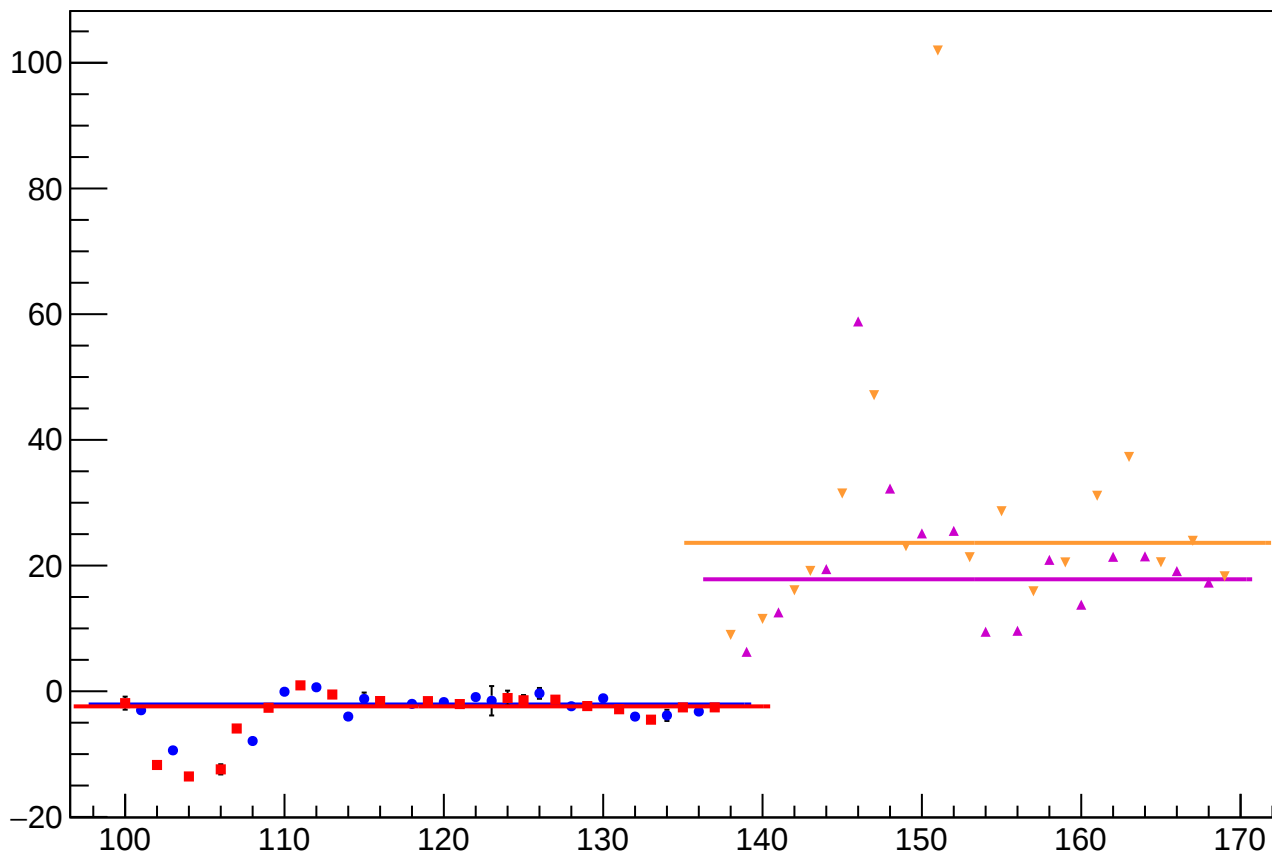
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.436 $\pm$ 0.032 χ^2 /NDF:2535.8/31

Out: 1.553 $\pm$ 0.034 χ^2 /NDF:3376.7/35

All: 1.491 $\pm$ 0.024 χ^2 /NDF: 5918.6/67

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: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 17.817 ± 0.050 $\chi^2/\text{NDF}: 35759.2/14$

Left: 20.347 ± 0.038 $\chi^2/\text{NDF}: 93255.6/31$

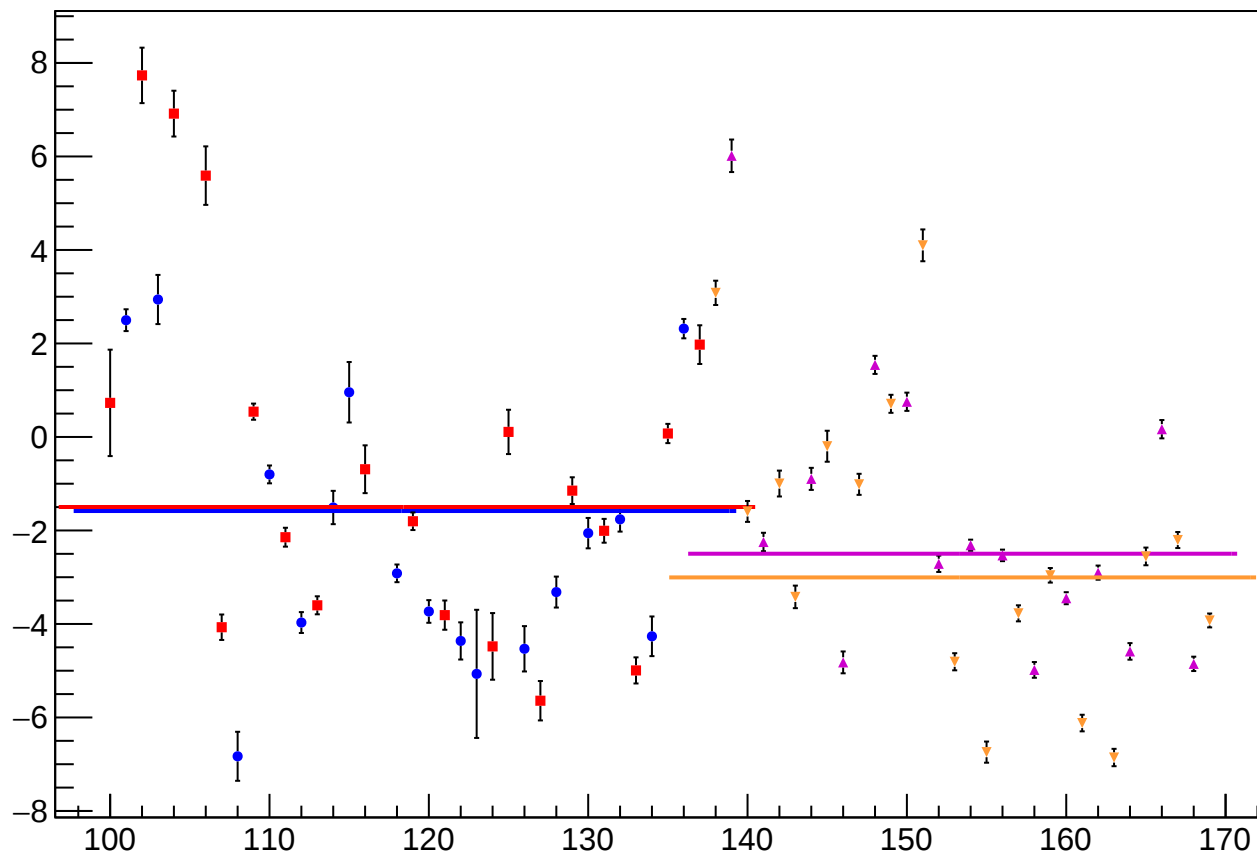
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 14.411 ± 0.046 $\chi^2/\text{NDF}: 62960.8/31$

Out: 17.074 ± 0.050 $\chi^2/\text{NDF}: 104546.8/35$

All: 15.640 ± 0.034 $\chi^2/\text{NDF}: 169064.8/67$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -3.004 ± 0.049 $\chi^2/\text{NDF}: 2794.4/16$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -2.498 ± 0.043 $\chi^2/\text{NDF}: 2301.8/14$

Left: -2.722 ± 0.032 $\chi^2/\text{NDF}: 5156.6/31$

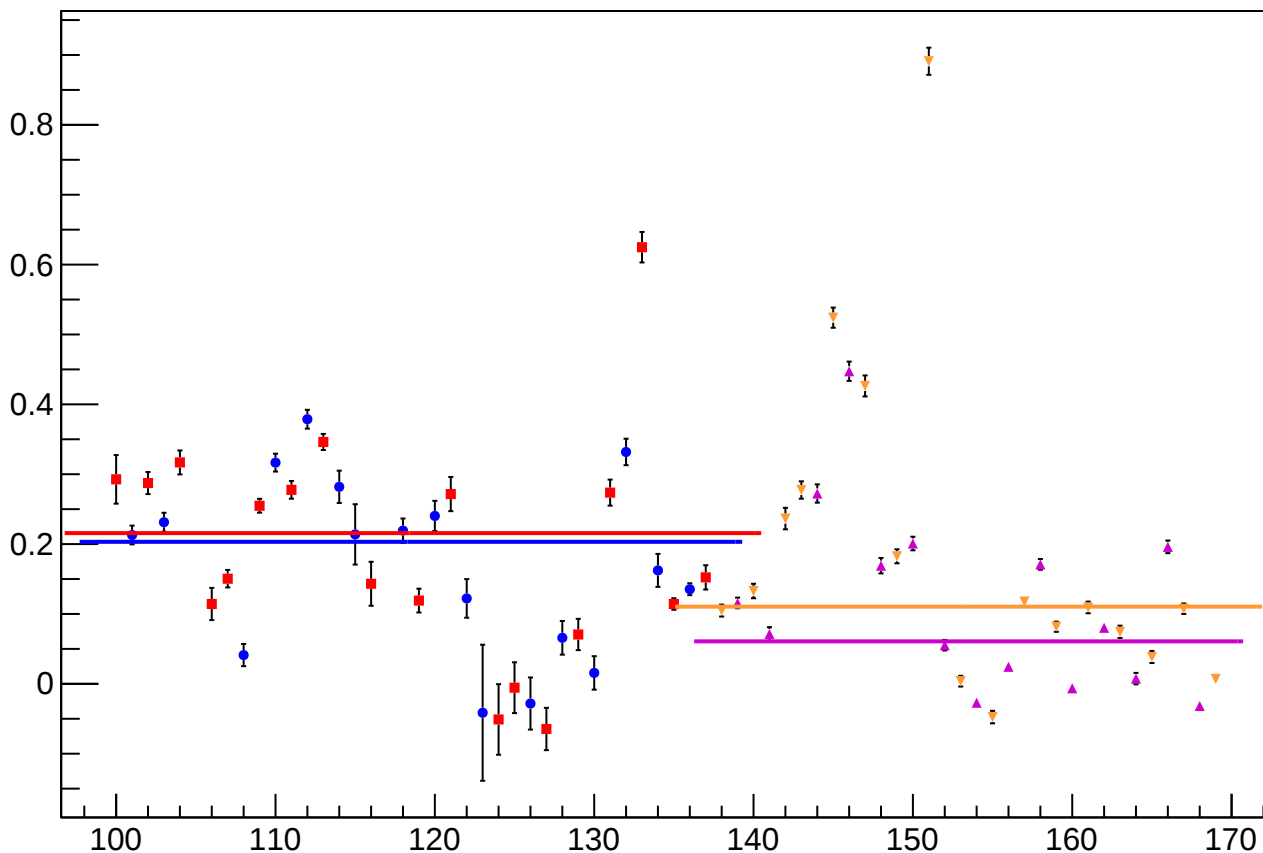
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -2.247 ± 0.037 $\chi^2/\text{NDF}: 3695.8/31$

Out: -2.468 ± 0.039 $\chi^2/\text{NDF}: 4638.5/35$

All: -2.351 ± 0.027 $\chi^2/\text{NDF}: 8351.3/67$

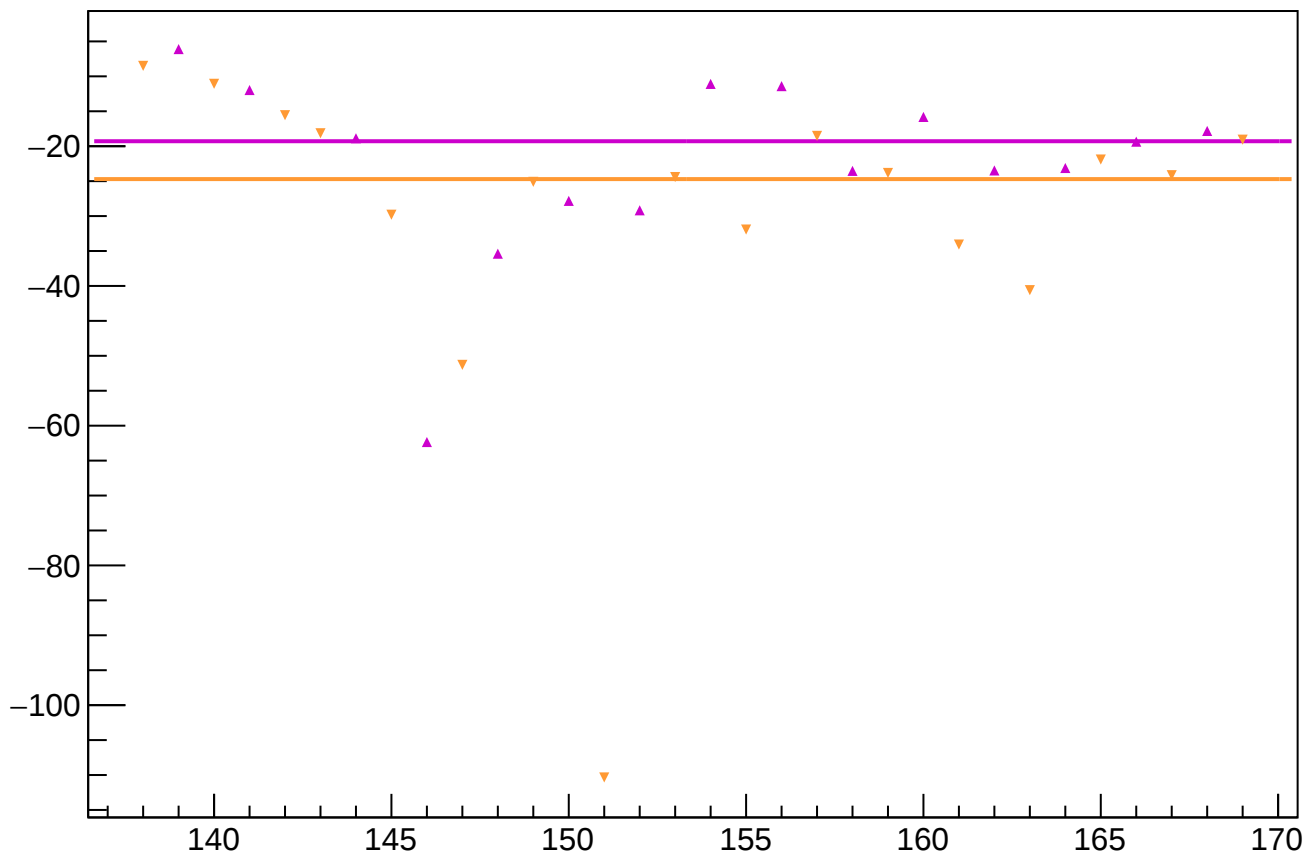
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.216 ± 0.004 χ^2/NDF : 1037.9/18
 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 : 1675.8/35
 In: 0.085 ± 0.002 χ^2/NDF : 4242.4/31
 Out: 0.138 ± 0.002 χ^2/NDF : 5657.4/35
 All: 0.109 ± 0.001 χ^2/NDF : 10329.3/67

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

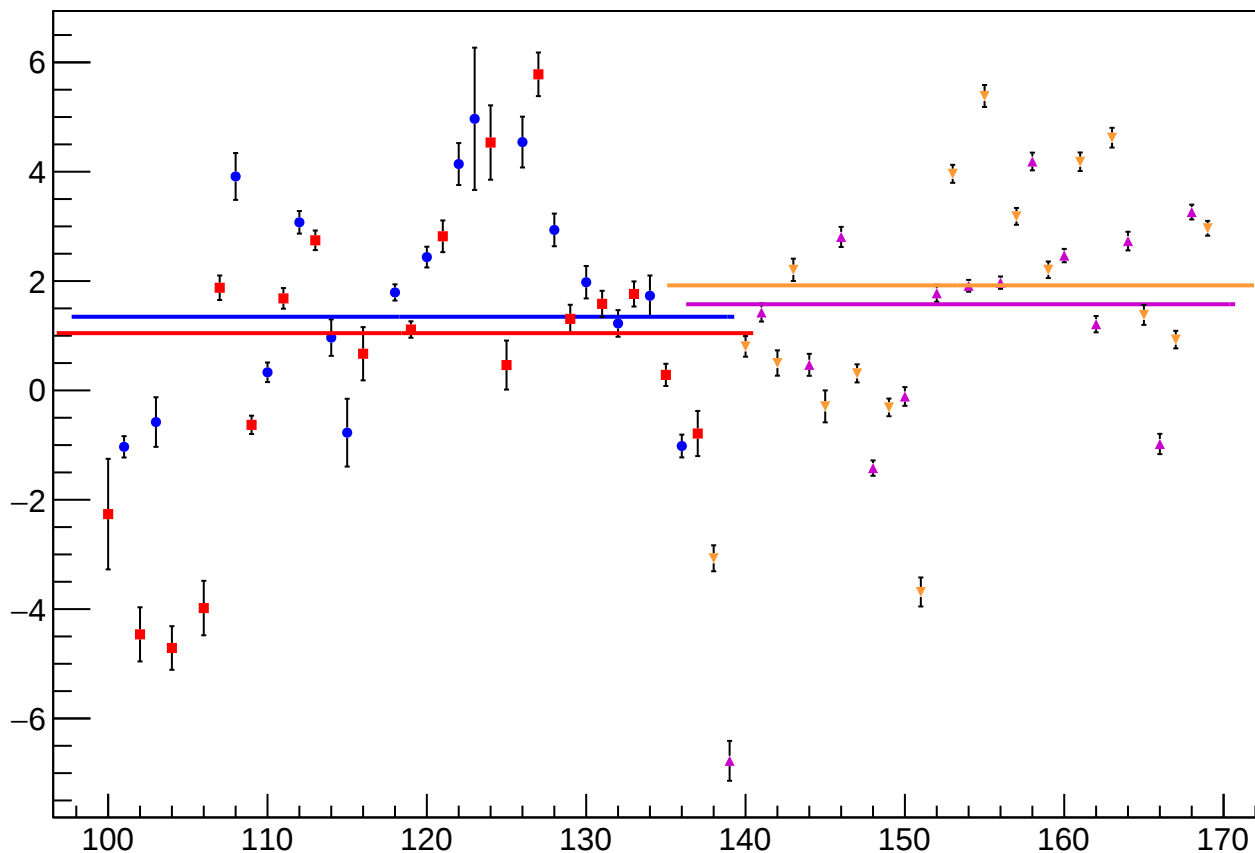
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.062 χ^2/NDF : 630.1/16

Left Out: 1.921+/-0.044 χ^2/NDF :2335.5/16

Right Out: 1.047+/-0.059 χ^2/NDF : 916.0/18

Left In: 1.576+/-0.039 χ^2/NDF :1883.4/14

Left: 1.729+/-0.029 χ^2/NDF : 4253.7/31

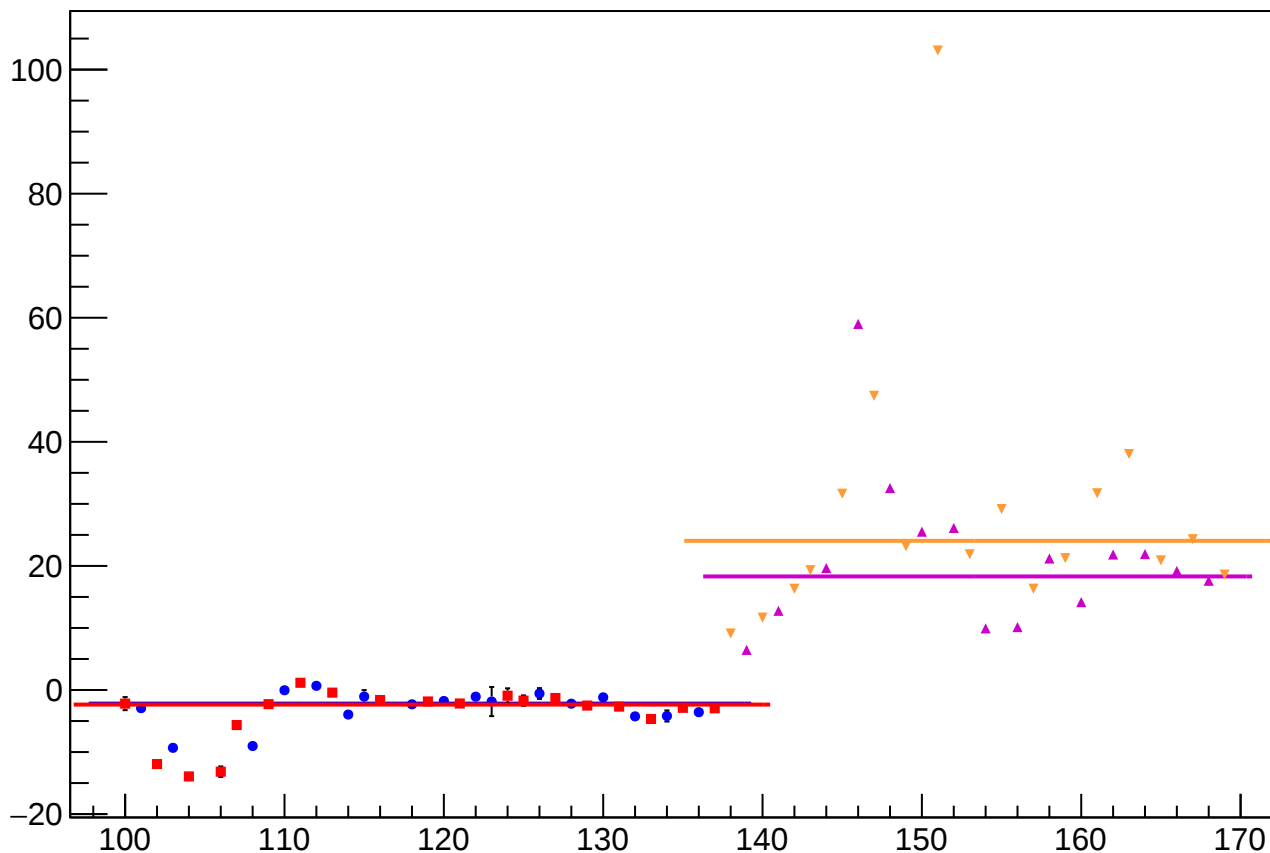
Right: 1.190+/-0.043 χ^2/NDF : 1558.3/35

In: 1.511+/-0.033 χ^2/NDF :2523.1/31

Out: 1.614+/-0.035 χ^2/NDF :3392.7/35

All: 1.559+/-0.024 χ^2/NDF : 5920.4/67

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 24.050 ± 0.058 $\chi^2/\text{NDF}: 51475.7/16$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 18.306 ± 0.052 $\chi^2/\text{NDF}: 34529.7/14$

Left: 20.827 ± 0.039 $\chi^2/\text{NDF}: 91445.5/31$

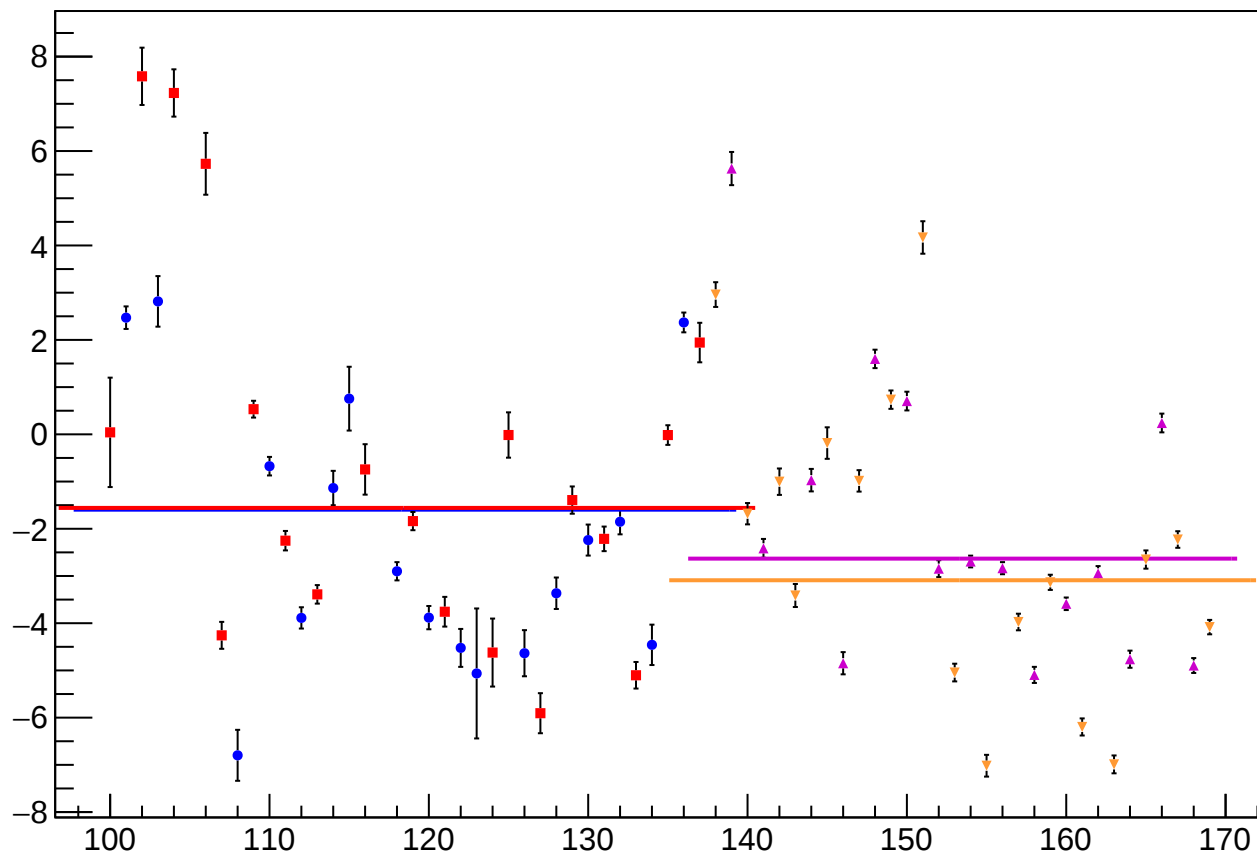
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 14.763 ± 0.047 $\chi^2/\text{NDF}: 62288.1/31$

Out: 17.434 ± 0.050 $\chi^2/\text{NDF}: 103705.6/35$

All: 16.000 ± 0.034 $\chi^2/\text{NDF}: 167495.5/67$

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: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.632 ± 0.044 χ^2/NDF : 2265.6/14

Left: -2.836 ± 0.033 χ^2/NDF : 5151.2/31

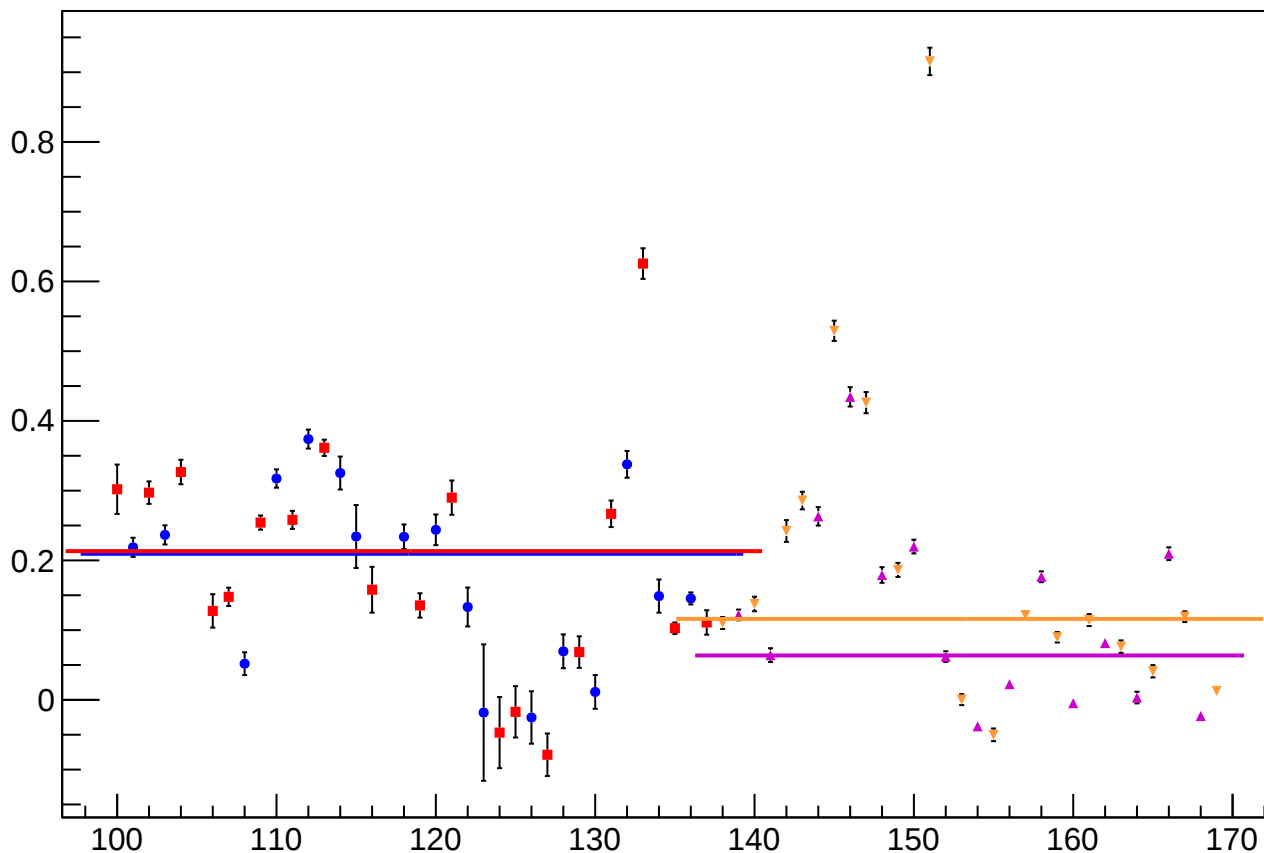
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.344 ± 0.038 χ^2/NDF : 3672.1/31

Out: -2.546 ± 0.040 χ^2/NDF : 4640.8/35

All: -2.440 ± 0.027 χ^2/NDF : 8326.4/67

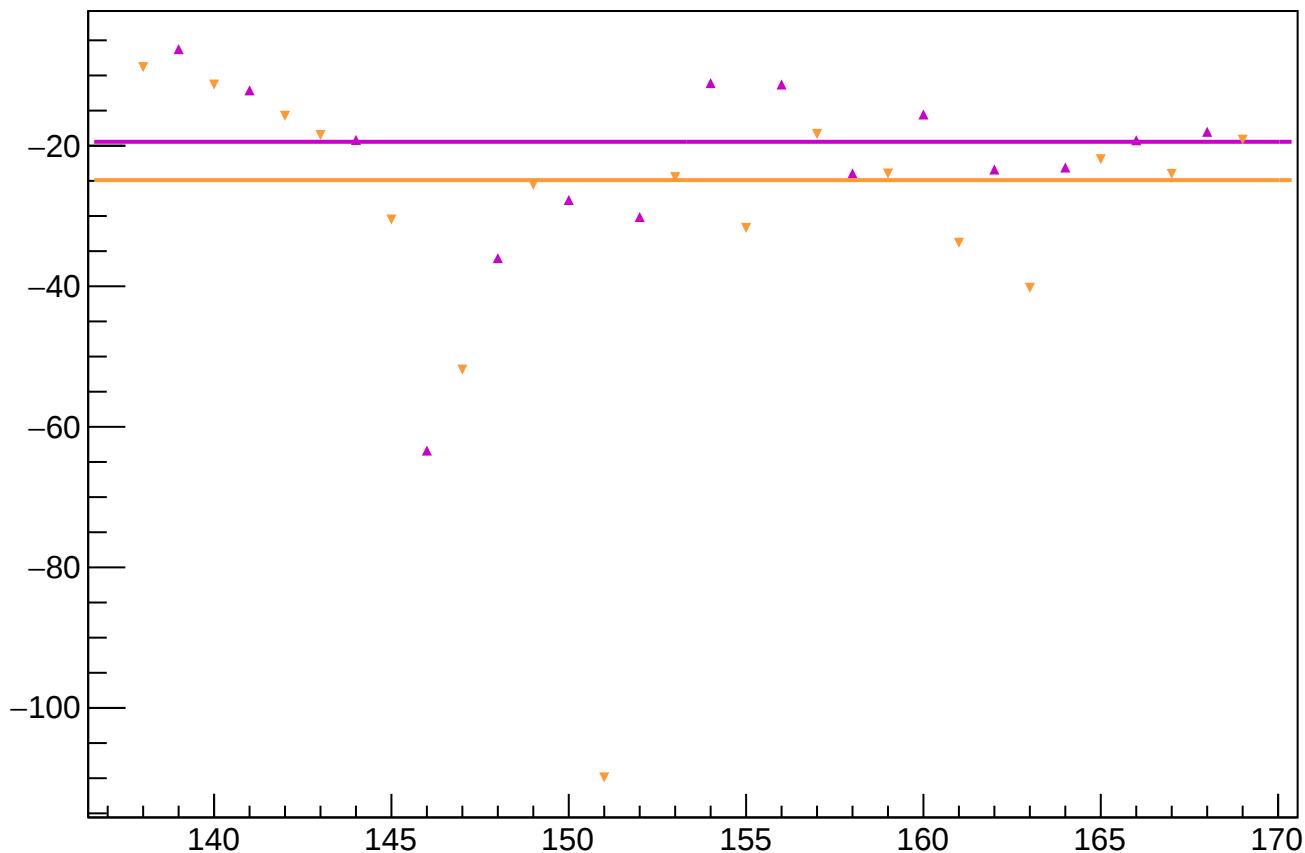
reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18
 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: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35
 In: 0.089 $\pm$ 0.002 χ^2 /NDF:4251.4/31
 Out: 0.142 $\pm$ 0.002 χ^2 /NDF:5650.4/35
 All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10307.3/67

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -24.894 $\pm$ 0.060 χ^2 /NDF:56389.4/16

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -19.440 $\pm$ 0.054 χ^2 /NDF:37047.9/14

Left: -21.886 $\pm$ 0.040 χ^2 /NDF: 98026.7/31

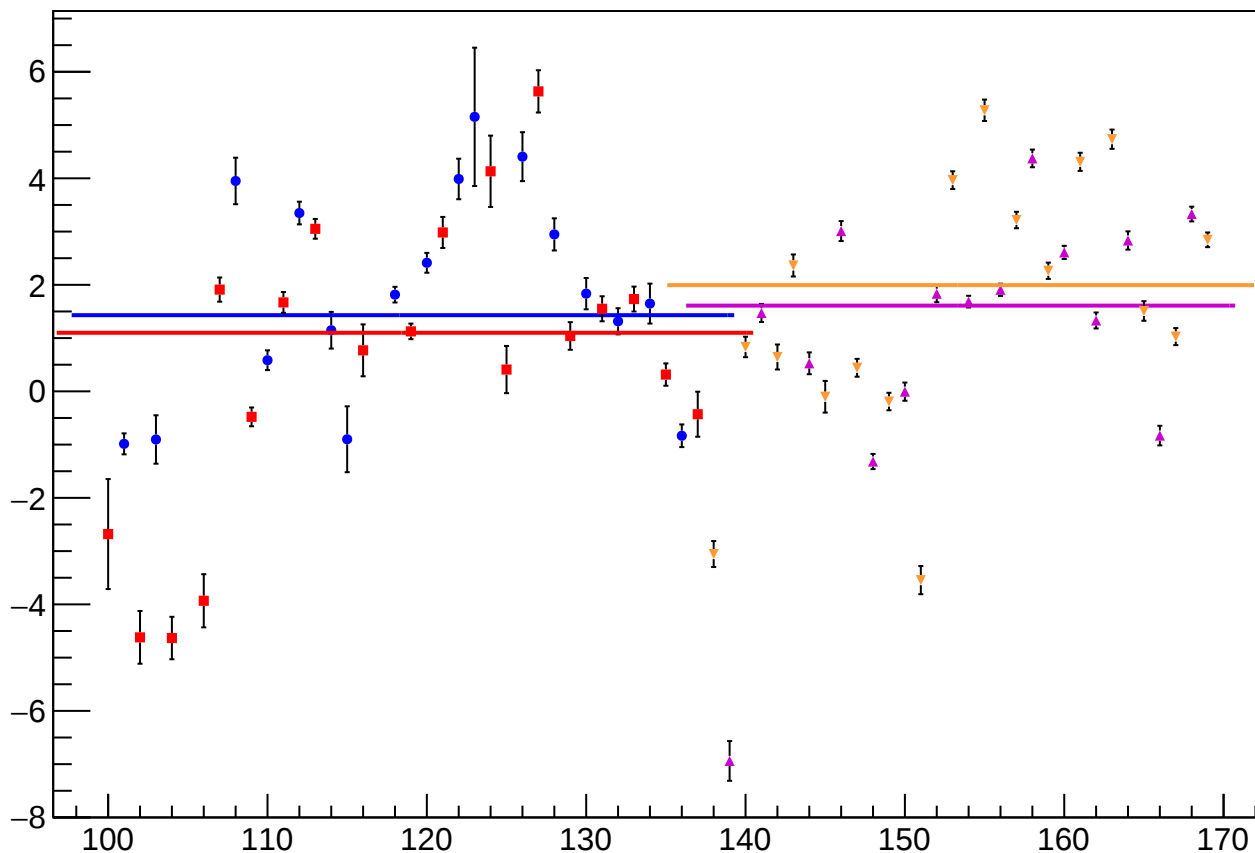
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -19.440 $\pm$ 0.054 χ^2 /NDF:37047.9/14

Out: -24.894 $\pm$ 0.060 χ^2 /NDF:56389.4/16

All: -21.886 $\pm$ 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: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

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

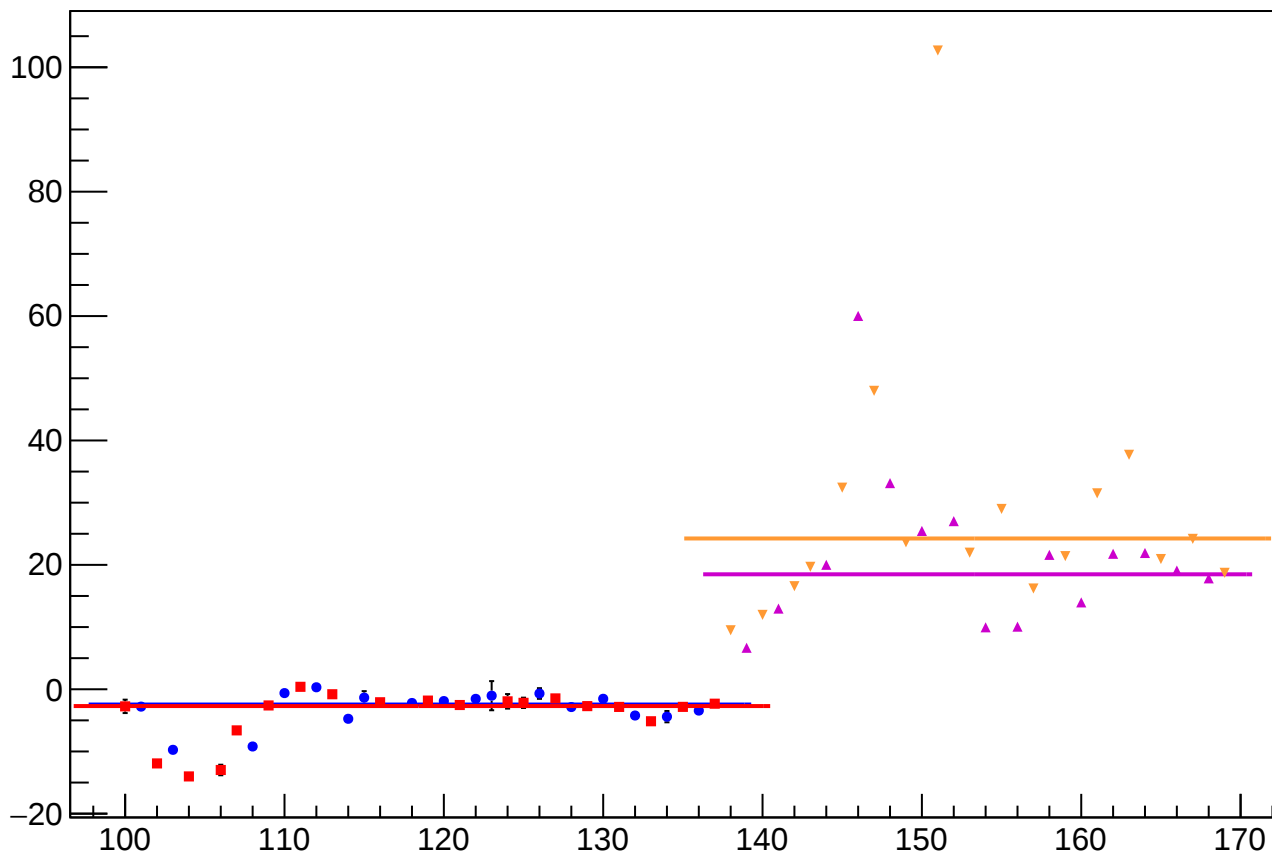
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.559 $\pm$ 0.033 χ^2 /NDF:2459.0/31

Out: 1.681 $\pm$ 0.035 χ^2 /NDF:3269.8/35

All: 1.616 $\pm$ 0.024 χ^2 /NDF: 5735.1/67

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 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.483 ± 0.052 χ^2/NDF : 34811.8/14

Left: 21.024 ± 0.039 χ^2/NDF : 90679.0/31

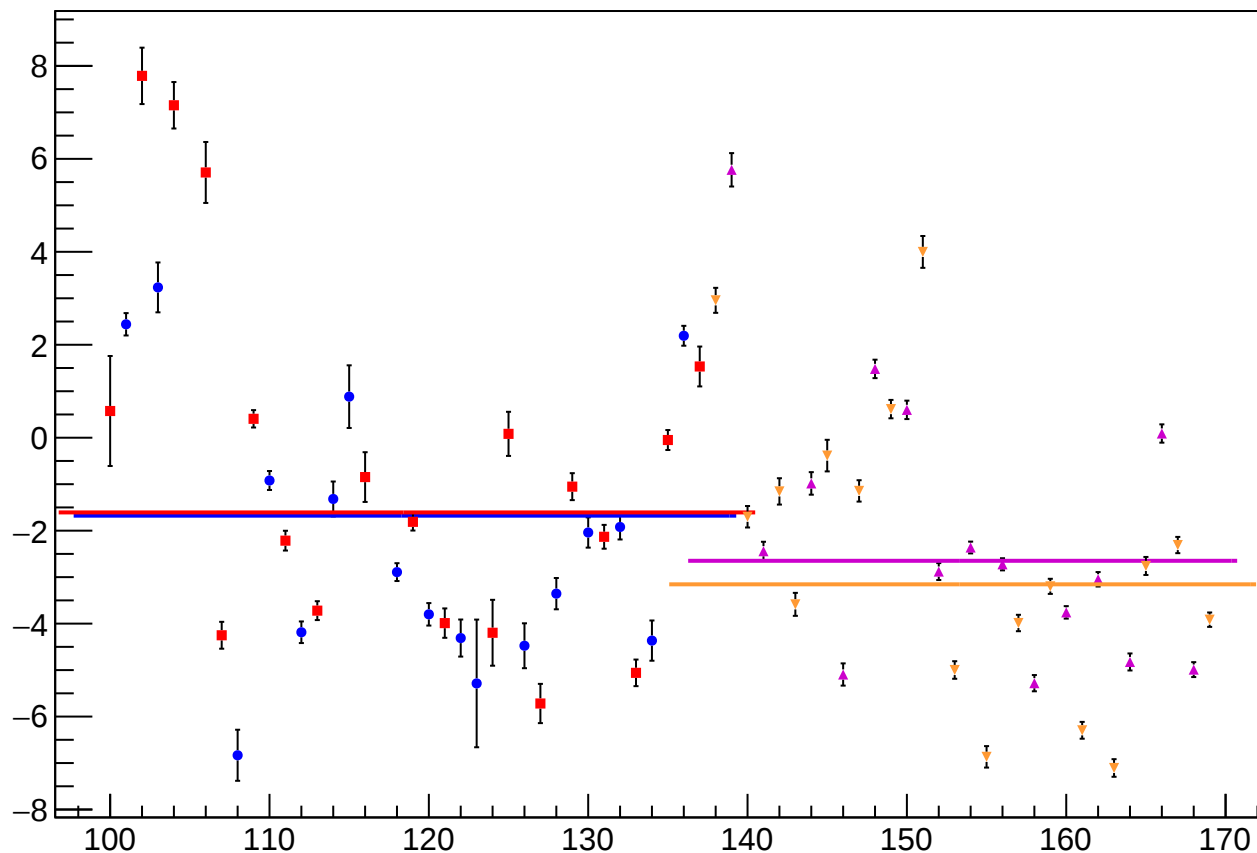
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 14.872 ± 0.048 χ^2/NDF : 62877.2/31

Out: 17.617 ± 0.051 χ^2/NDF : 102859.2/35

All: 16.146 ± 0.035 χ^2/NDF : 167282.2/67

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -2.875 ± 0.034 $\chi^2/\text{NDF}: 5028.1/31$

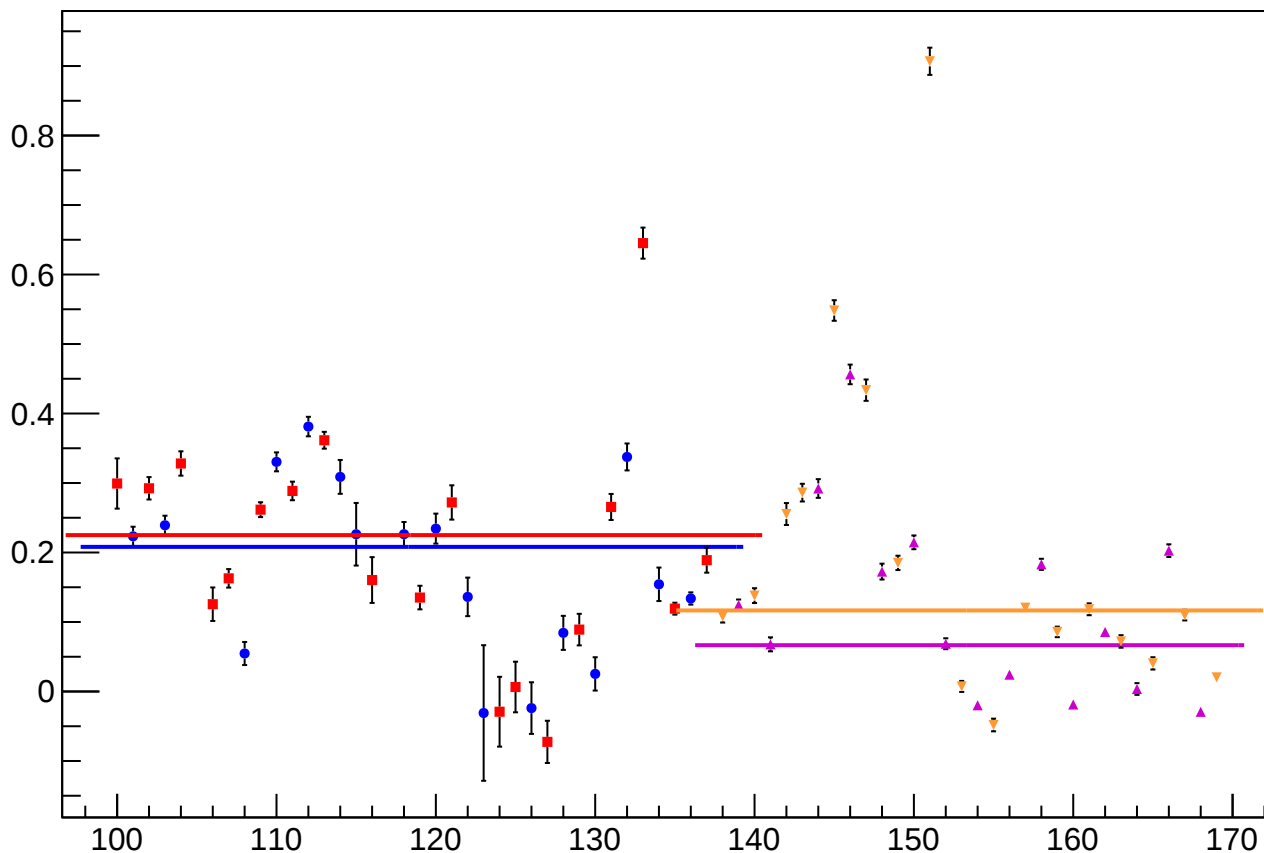
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -2.377 ± 0.038 $\chi^2/\text{NDF}: 3593.4/31$

Out: -2.610 ± 0.040 $\chi^2/\text{NDF}: 4479.8/35$

All: -2.487 ± 0.028 $\chi^2/\text{NDF}: 8090.7/67$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$
 Left Out: 0.117 ± 0.002 $\chi^2/\text{NDF}: 4027.1/16$
 Right Out: 0.225 ± 0.004 $\chi^2/\text{NDF}: 1000.0/18$
 Left In: 0.067 ± 0.002 $\chi^2/\text{NDF}: 2674.0/14$

Left: 0.088 ± 0.001 $\chi^2/\text{NDF}: 6980.1/31$
 Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1609.0/35$
 In: 0.091 ± 0.002 $\chi^2/\text{NDF}: 4182.9/31$
 Out: 0.145 ± 0.002 $\chi^2/\text{NDF}: 5620.9/35$
 All: 0.116 ± 0.001 $\chi^2/\text{NDF}: 10210.4/67$