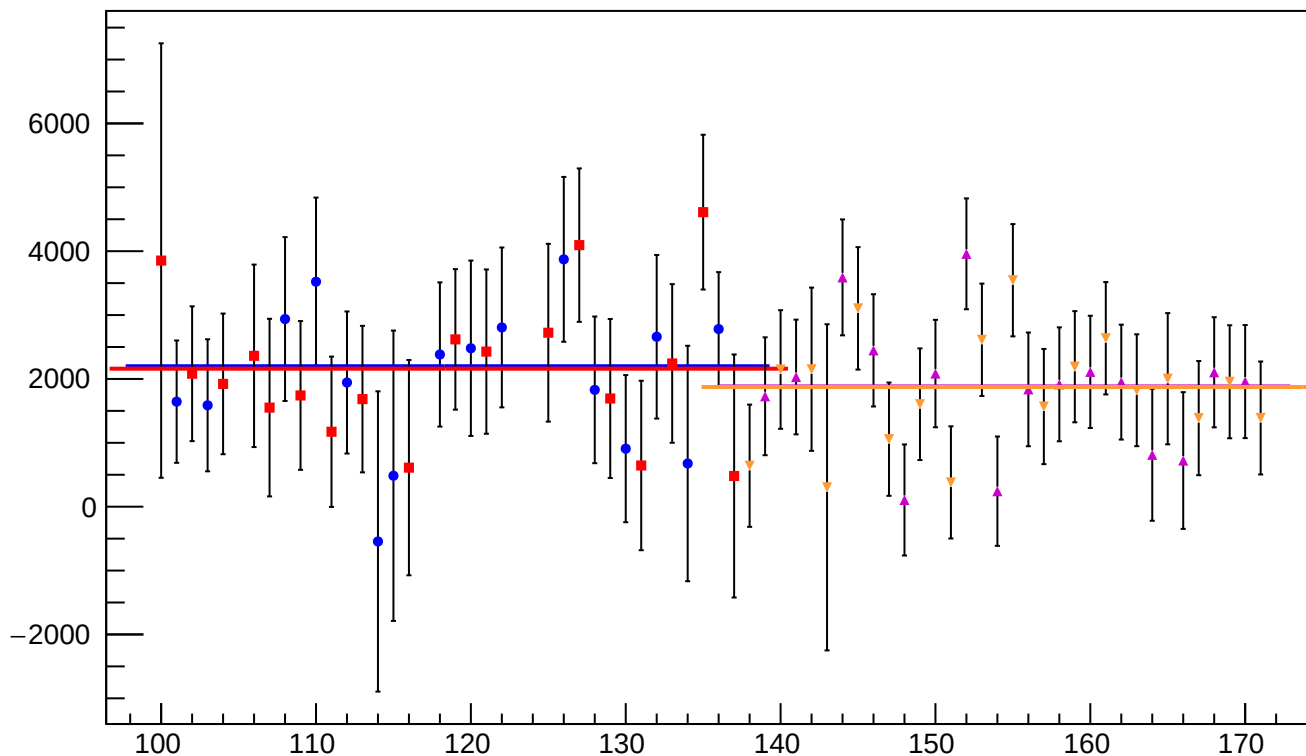


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880 $\pm$ 306.767

Left Out: 1873.377 $\pm$ 221.006

Right Out: 2160.742 $\pm$ 303.587

Left In: 1882.761 $\pm$ 224.535

χ^2 /NDF: 8.6/15

χ^2 /NDF:13.6/17

χ^2 /NDF: 11.7/17

χ^2 /NDF:20.0/15

Left: 1877.994 $\pm$ 157.508

Right: 2179.612 $\pm$ 215.784

In: 1993.038 $\pm$ 181.186

Out: 1972.916 $\pm$ 178.675

All: 1982.837 $\pm$ 127.221

χ^2 /NDF: 33.6/33

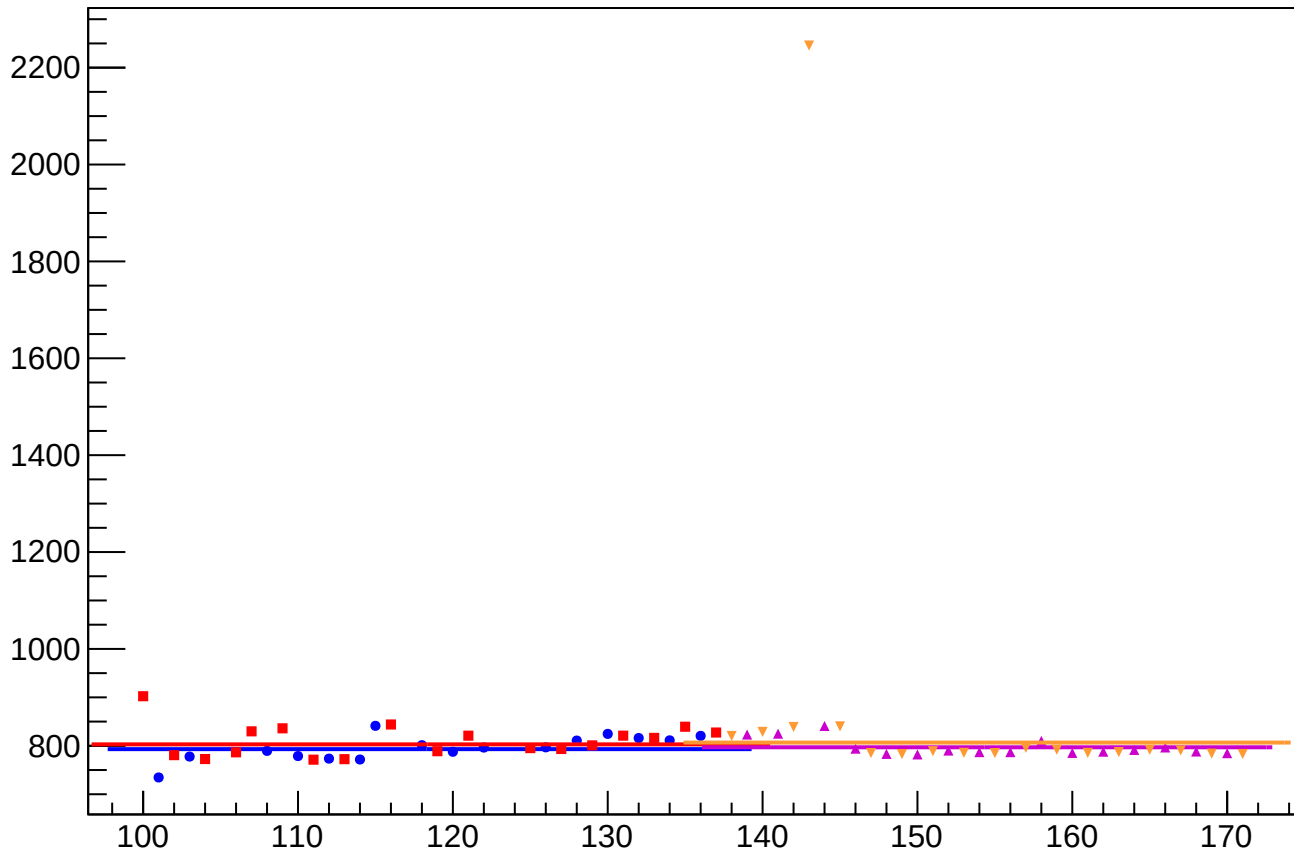
χ^2 /NDF: 20.3/33

χ^2 /NDF:29.3/31

χ^2 /NDF:25.9/35

χ^2 /NDF: 55.2/67

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 806.689 $\pm$ 0.156 χ^2 /NDF:653304.7/17

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

Left In: 796.916 $\pm$ 0.159 χ^2 /NDF:11687.4/15

Left: 801.880 $\pm$ 0.111 χ^2 /NDF: 666916.7/33

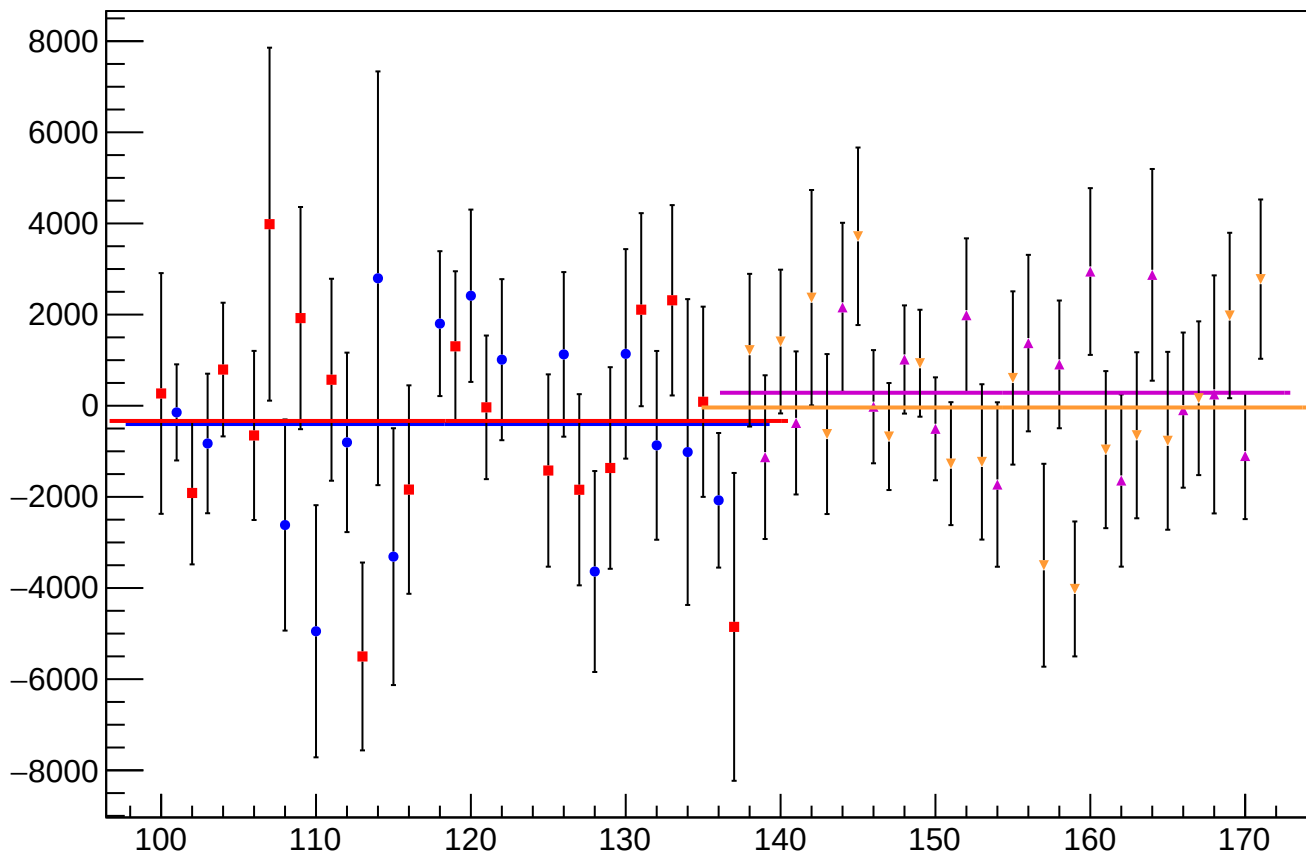
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 795.582 $\pm$ 0.128 χ^2 /NDF:26592.9/31

Out: 805.393 $\pm$ 0.126 χ^2 /NDF:667949.0/35

All: 800.556 $\pm$ 0.090 χ^2 /NDF: 697515.0/67

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -38.462 $\pm$ 386.668 χ^2 /NDF:22.7/17

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

Left In: 284.699 $\pm$ 396.547 χ^2 /NDF:11.0/15

Left: 119.043 $\pm$ 276.843 χ^2 /NDF: 34.0/33

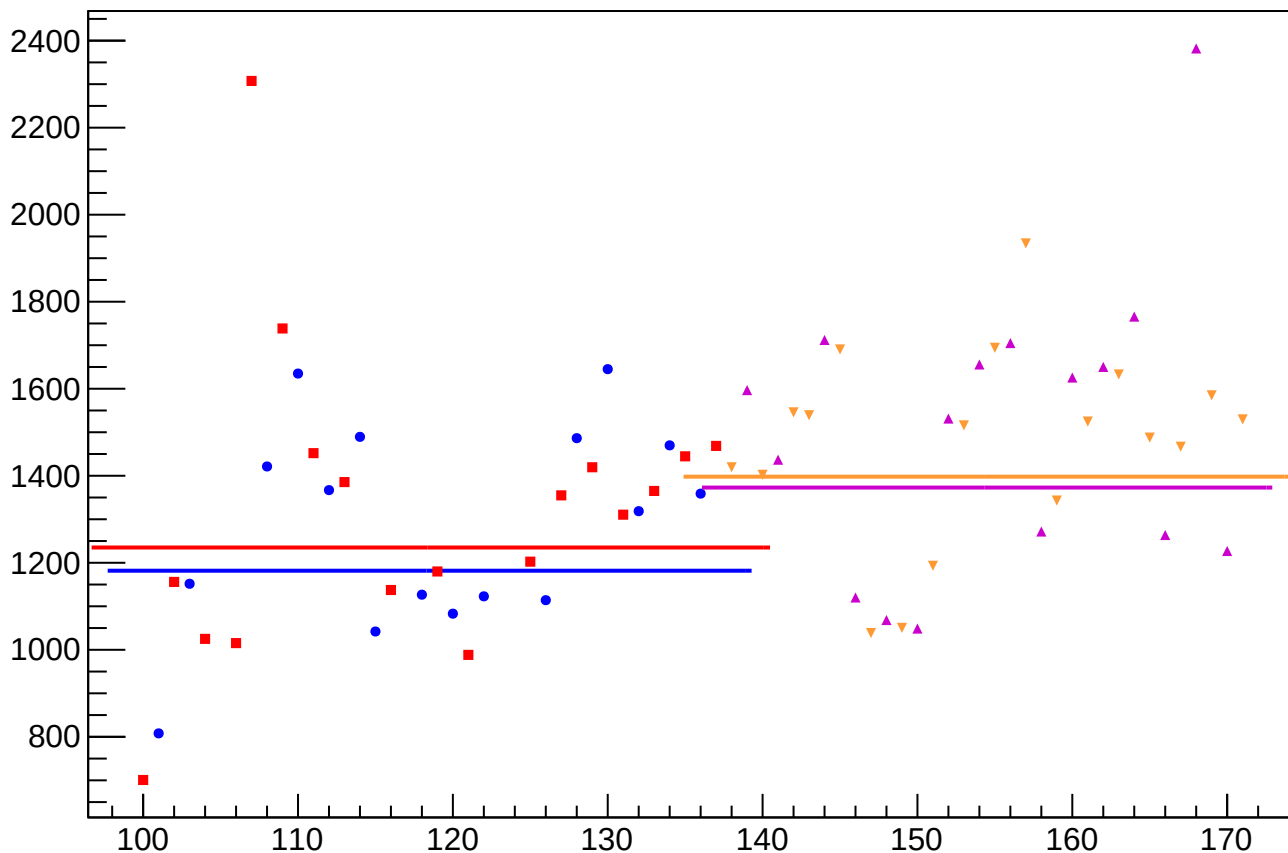
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: -1.581 $\pm$ 302.725 χ^2 /NDF:27.0/31

Out: -155.218 $\pm$ 300.742 χ^2 /NDF:40.4/35

All: -78.904 $\pm$ 213.354 χ^2 /NDF: 67.6/67

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1397.891 $\pm$ 0.273 χ^2 /NDF: 736050.3/17

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

Left In: 1372.884 $\pm$ 0.280 χ^2 /NDF: 1083649.4/15

Left: 1385.703 $\pm$ 0.196 χ^2 /NDF: 1823776.9/33

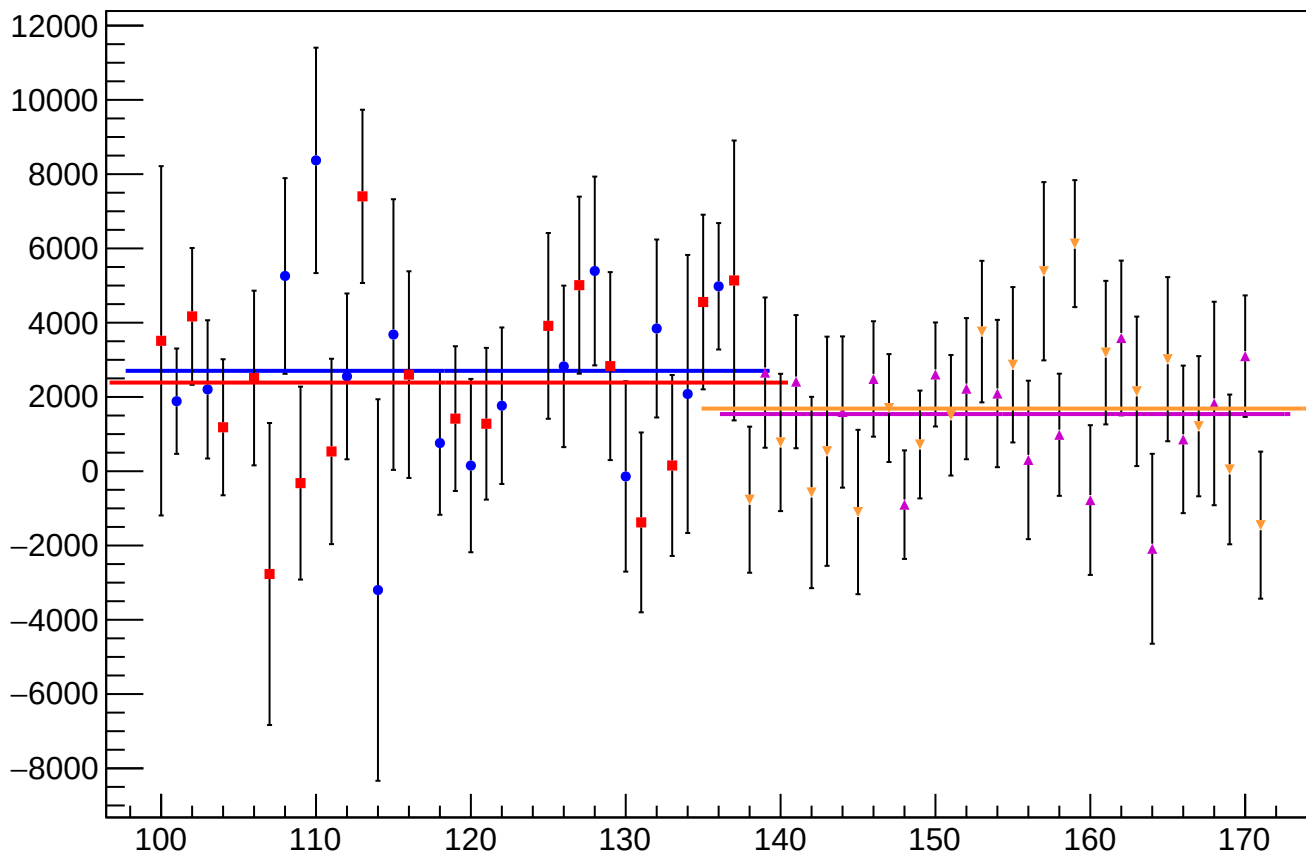
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1293.146 $\pm$ 0.214 χ^2 /NDF: 1820963.9/31

Out: 1333.576 $\pm$ 0.213 χ^2 /NDF: 1416362.8/35

All: 1313.494 $\pm$ 0.151 χ^2 /NDF: 3255280.1/67

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1688.009 $\pm$ 453.632 χ^2 /NDF:19.6/17

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

Left In: 1539.216 $\pm$ 461.348 χ^2 /NDF:10.3/15

Left: 1614.867 $\pm$ 323.460 χ^2 /NDF: 30.0/33

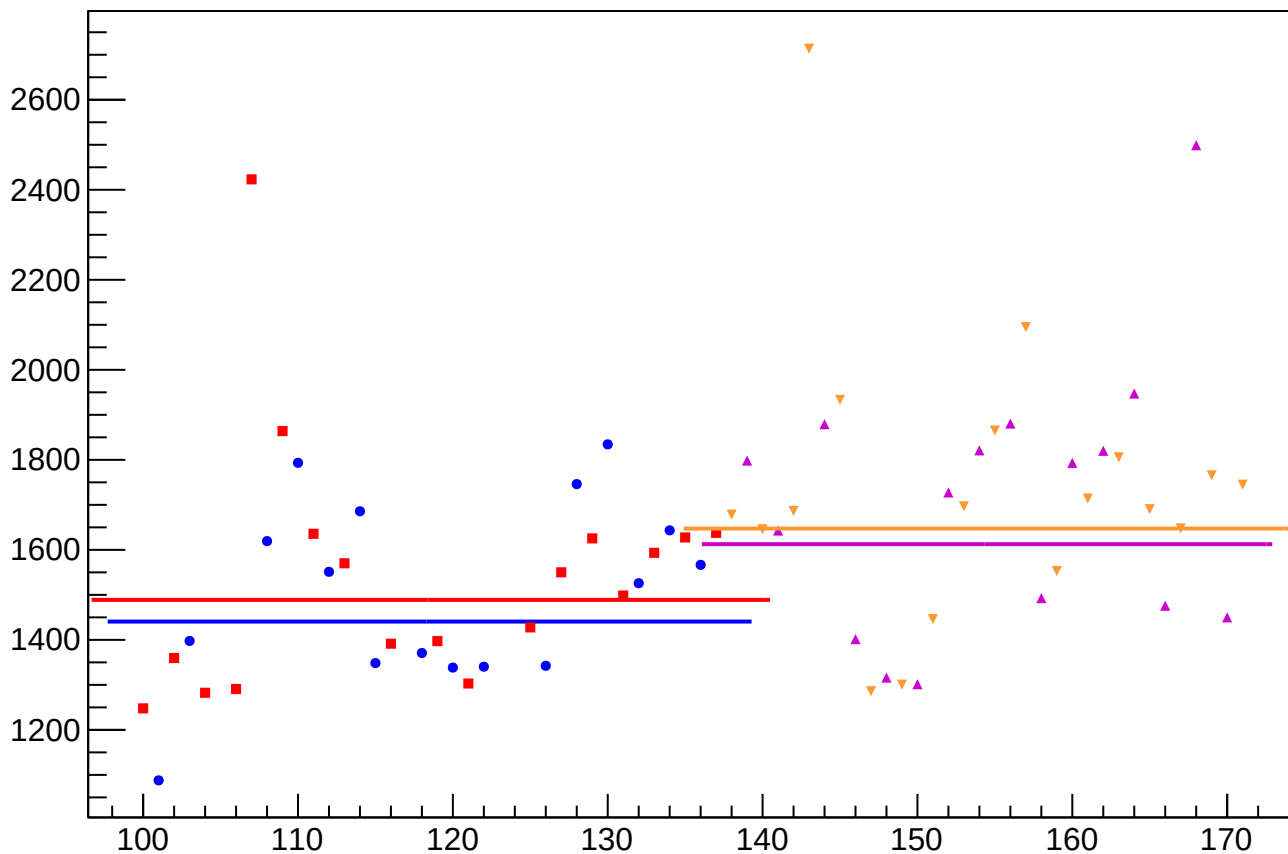
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2005.527 $\pm$ 357.225 χ^2 /NDF:25.9/31

Out: 1959.617 $\pm$ 354.768 χ^2 /NDF:36.7/35

All: 1982.414 $\pm$ 251.723 χ^2 /NDF: 62.5/67

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1647.375 $\pm$ 0.321 χ^2/NDF : 667542.6/17

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

Left In: 1612.594 $\pm$ 0.326 χ^2/NDF : 649758.9/15

Left: 1630.278 $\pm$ 0.229 χ^2/NDF : 1323080.8/33

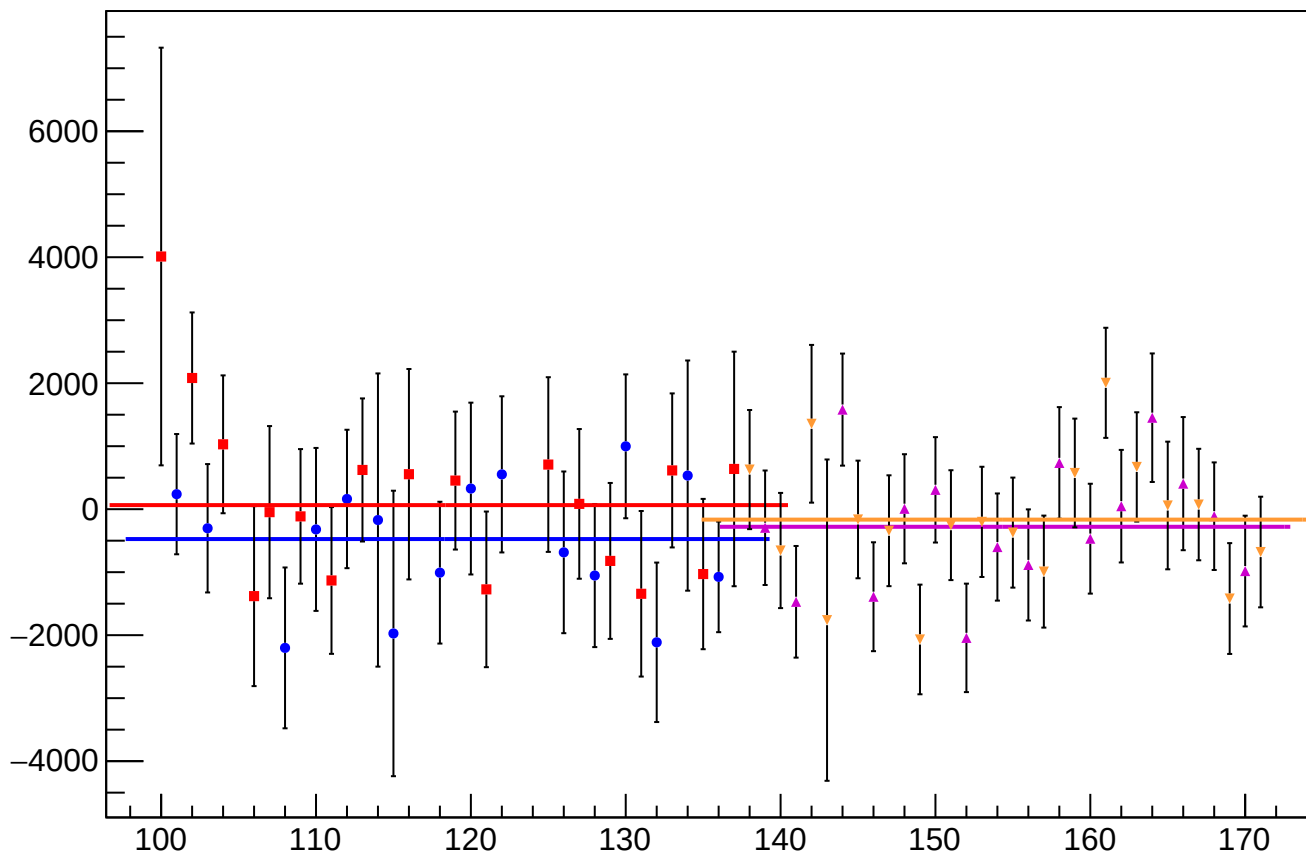
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1543.741 $\pm$ 0.253 χ^2/NDF : 1043267.1/31

Out: 1585.843 $\pm$ 0.251 χ^2/NDF : 1019131.4/35

All: 1564.937 $\pm$ 0.178 χ^2/NDF : 2076385.3/67

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -165.595 ± 218.837 χ^2/NDF : 18.9/17

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

Left In: -279.403 ± 222.340 χ^2/NDF : 18.7/15

Left: -221.595 ± 155.965 χ^2/NDF : 37.8/33

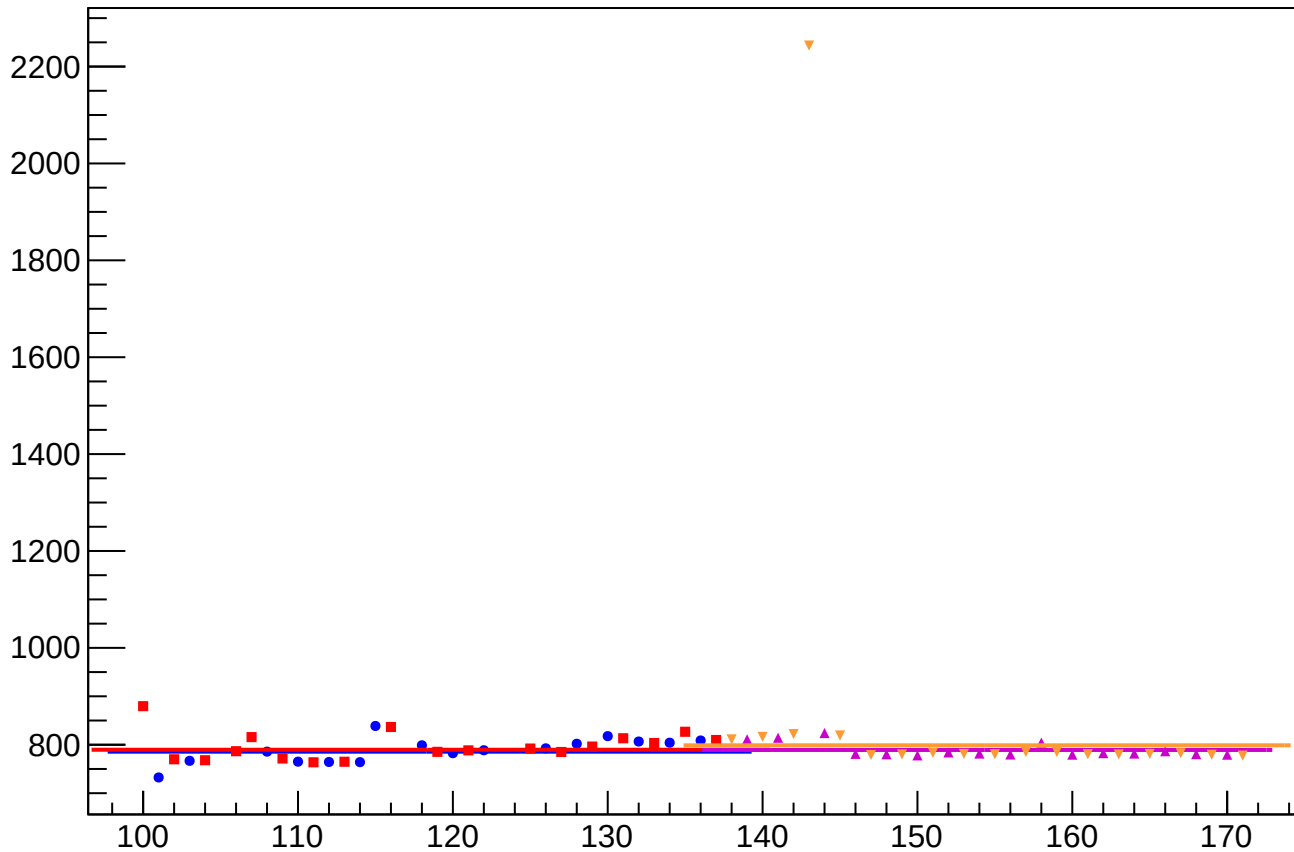
Right: -199.789 ± 212.921 χ^2/NDF : 23.2/33

In: -347.292 ± 179.445 χ^2/NDF : 27.9/31

Out: -85.057 ± 176.467 χ^2/NDF : 32.0/35

All: -213.981 ± 125.821 χ^2/NDF : 61.0/67

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 798.843 $\pm$ 0.155 χ^2 /NDF: 654856.1/17

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

Left In: 789.222 $\pm$ 0.157 χ^2 /NDF: 8580.8/15

Left: 794.109 $\pm$ 0.110 χ^2 /NDF: 665339.0/33

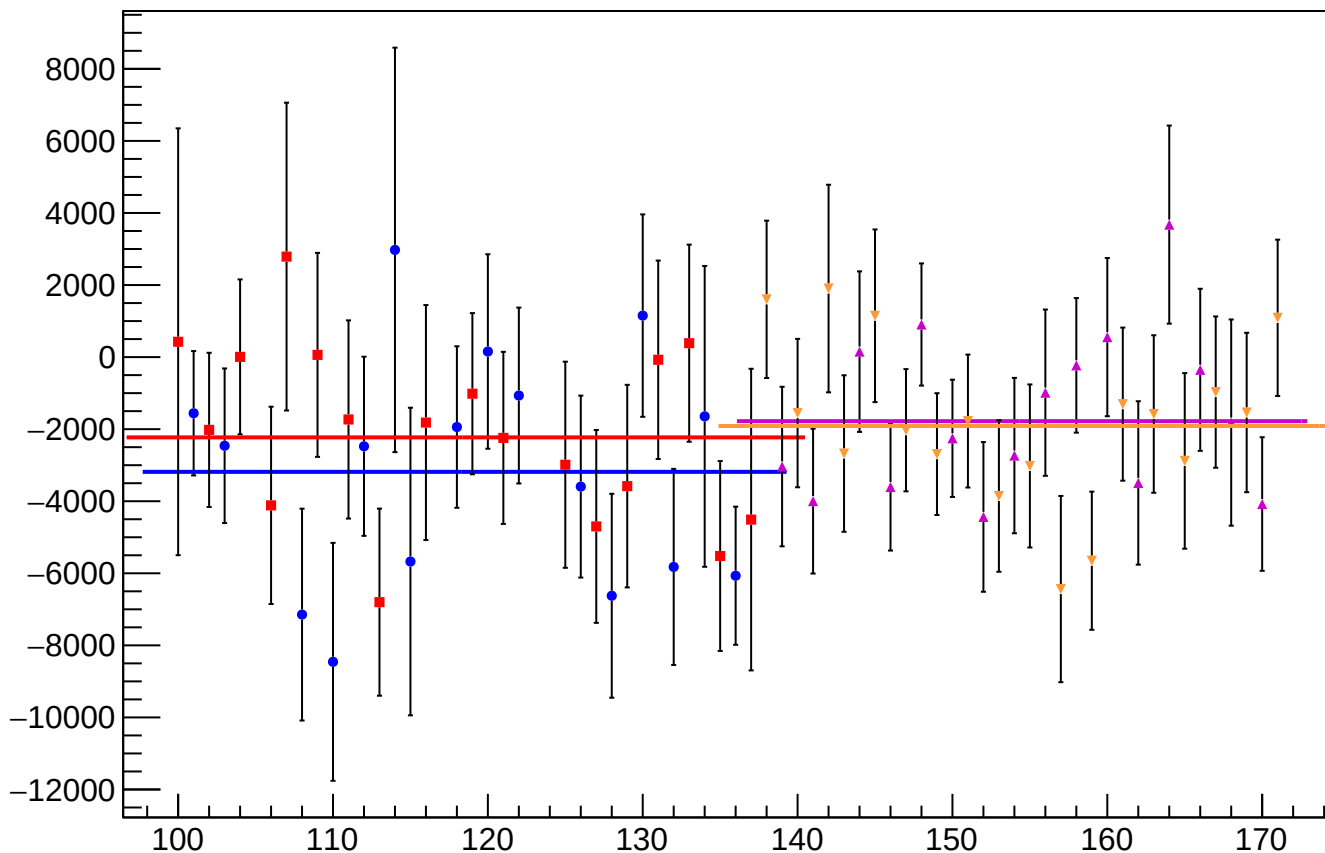
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 788.010 $\pm$ 0.127 χ^2 /NDF: 22672.7/31

Out: 795.636 $\pm$ 0.125 χ^2 /NDF: 667093.7/35

All: 791.887 $\pm$ 0.089 χ^2 /NDF: 691602.9/67

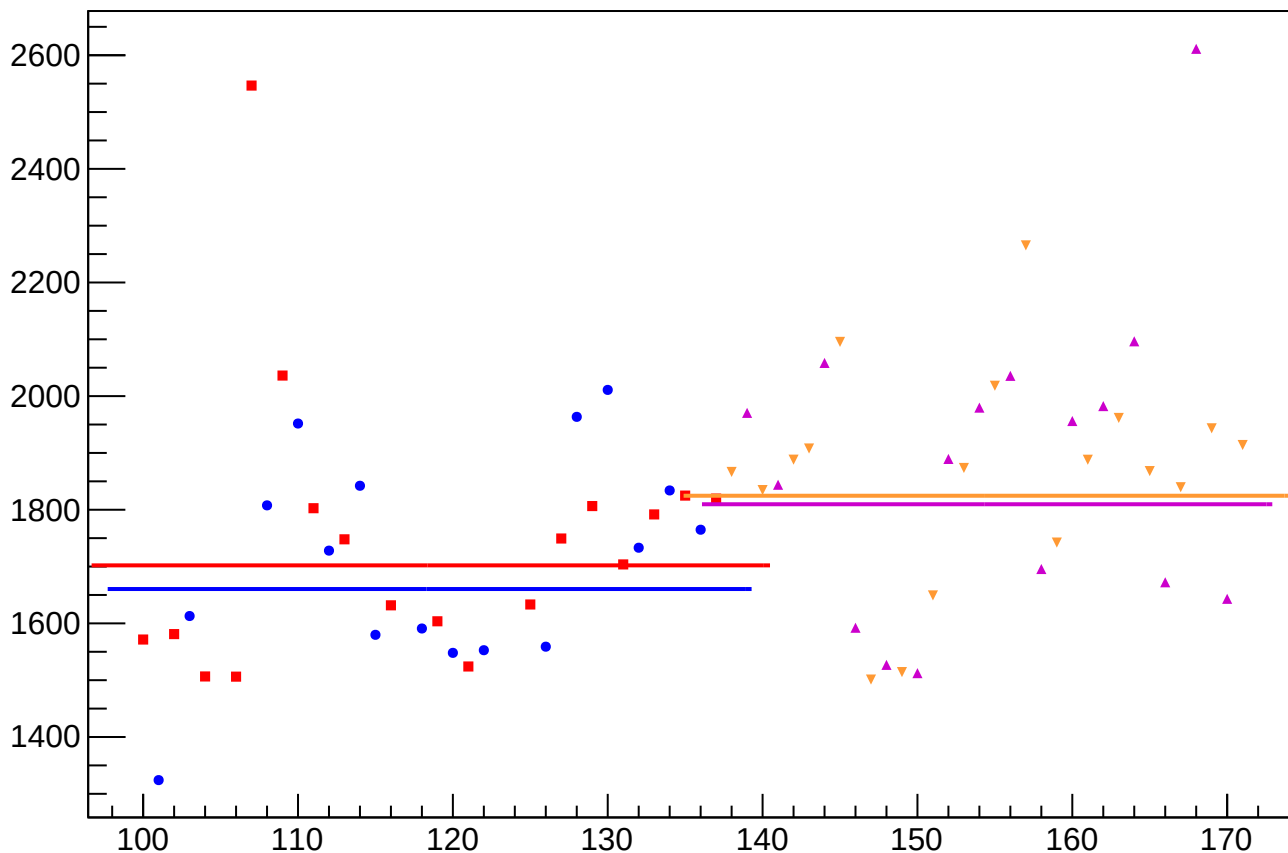
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -1912.885 ± 498.106 $\chi^2/\text{NDF}: 16.7/17$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -1777.871 ± 515.233 $\chi^2/\text{NDF}: 16.2/15$

Left: -1847.659 ± 358.116 $\chi^2/\text{NDF}: 32.9/33$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2323.370 ± 403.135 $\chi^2/\text{NDF}: 35.9/31$
 Out: -2029.948 ± 394.925 $\chi^2/\text{NDF}: 28.7/35$
 All: -2173.641 ± 282.112 $\chi^2/\text{NDF}: 64.8/67$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1824.654 $\pm$ 0.352 χ^2 /NDF: 285654.7/17

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

Left In: 1809.677 $\pm$ 0.364 χ^2 /NDF: 453659.6/15

Left: 1817.418 $\pm$ 0.253 χ^2 /NDF: 740187.8/33

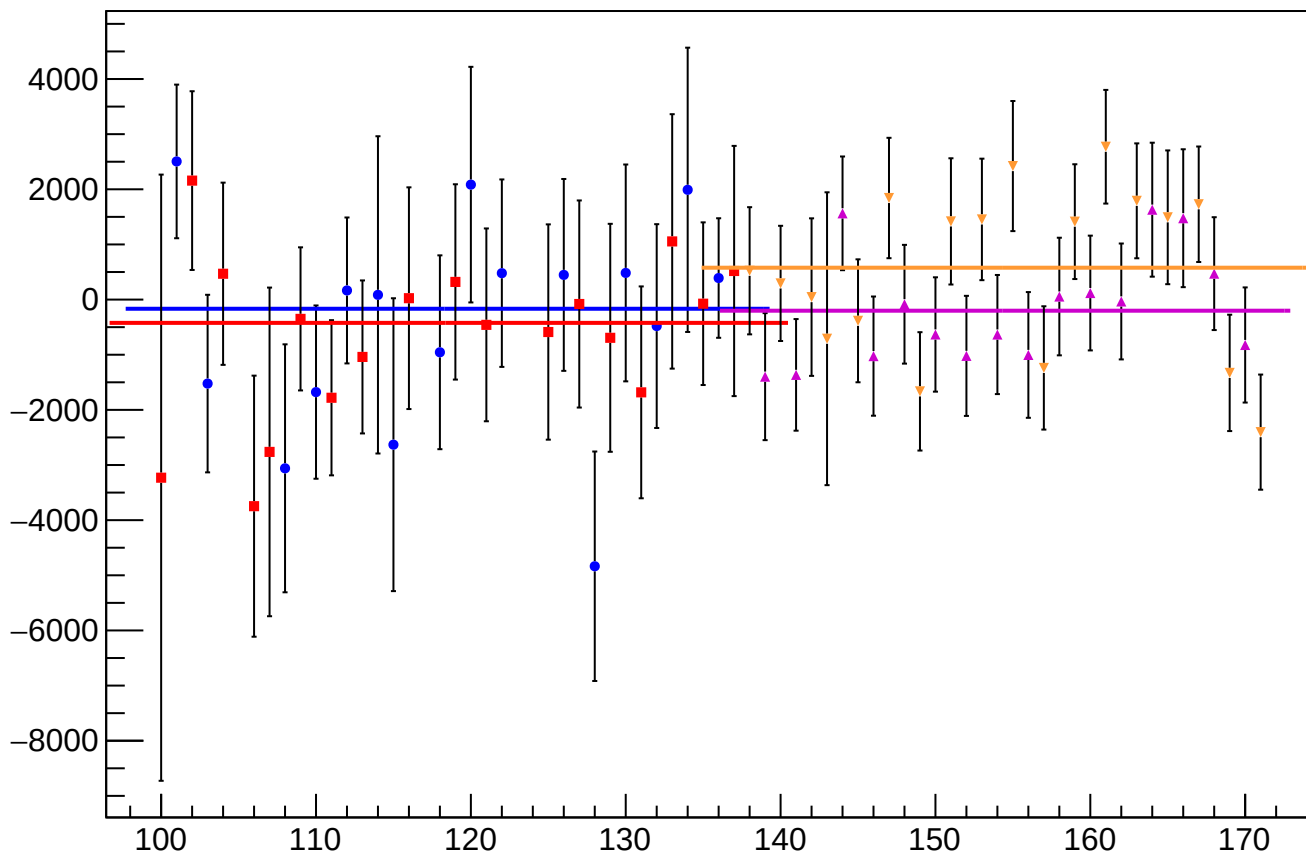
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

In: 1751.811 $\pm$ 0.285 χ^2 /NDF: 697917.2/31

Out: 1779.139 $\pm$ 0.279 χ^2 /NDF: 502628.0/35

All: 1765.756 $\pm$ 0.199 χ^2 /NDF: 1205234.8/67

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 578.132+/-266.209 χ^2/NDF : 32.9/17

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

Left In: -201.648+/-270.290 χ^2/NDF : 12.4/15

Left: 194.173+/-189.665 χ^2/NDF : 49.5/33

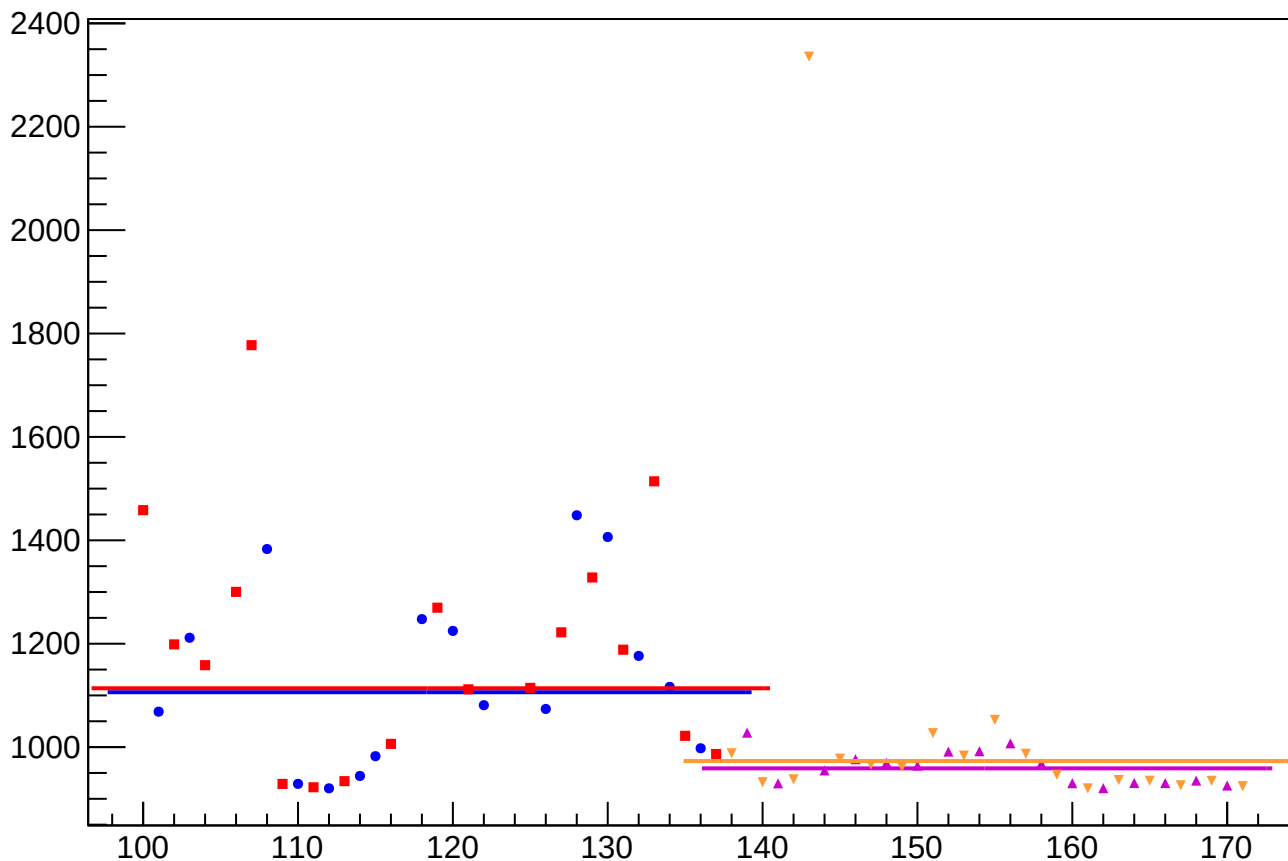
Right: -295.954+/-304.038 χ^2/NDF : 24.0/33

In: -191.743+/-229.238 χ^2/NDF : 28.0/31

Out: 298.406+/-225.951 χ^2/NDF : 45.0/35

All: 56.871+/-160.921 χ^2/NDF : 75.3/67

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 973.061 ± 0.188 $\chi^2/\text{NDF}: 567646.0/17$

Right Out: 1113.821 ± 0.302 $\chi^2/\text{NDF}: 364293.1/17$

Left In: 958.883 ± 0.191 $\chi^2/\text{NDF}: 26468.9/15$

Left: 966.080 ± 0.134 $\chi^2/\text{NDF}: 596908.5/33$

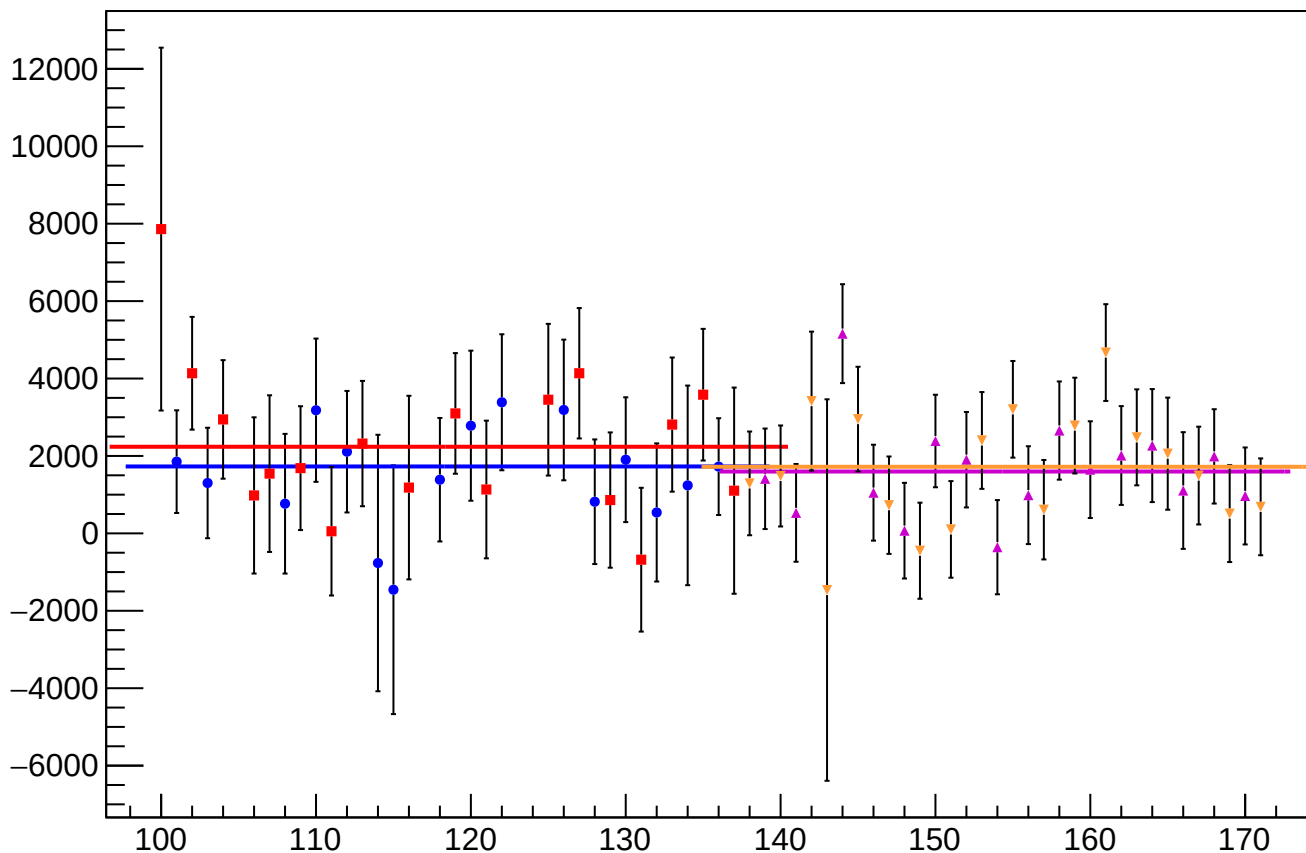
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 1000.223 ± 0.162 $\chi^2/\text{NDF}: 453062.8/31$

Out: 1012.416 ± 0.160 $\chi^2/\text{NDF}: 1088275.4/35$

All: 1006.407 ± 0.114 $\chi^2/\text{NDF}: 1544208.1/67$

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463+/-429.803 χ^2/NDF : 5.3/15

Left Out: 1720.112+/-313.442 χ^2/NDF : 18.5/17

Right Out: 2237.683+/-425.458 χ^2/NDF : 12.3/17

Left In: 1597.457+/-317.904 χ^2/NDF : 15.0/15

Left: 1659.651+/-223.198 χ^2/NDF : 33.6/33

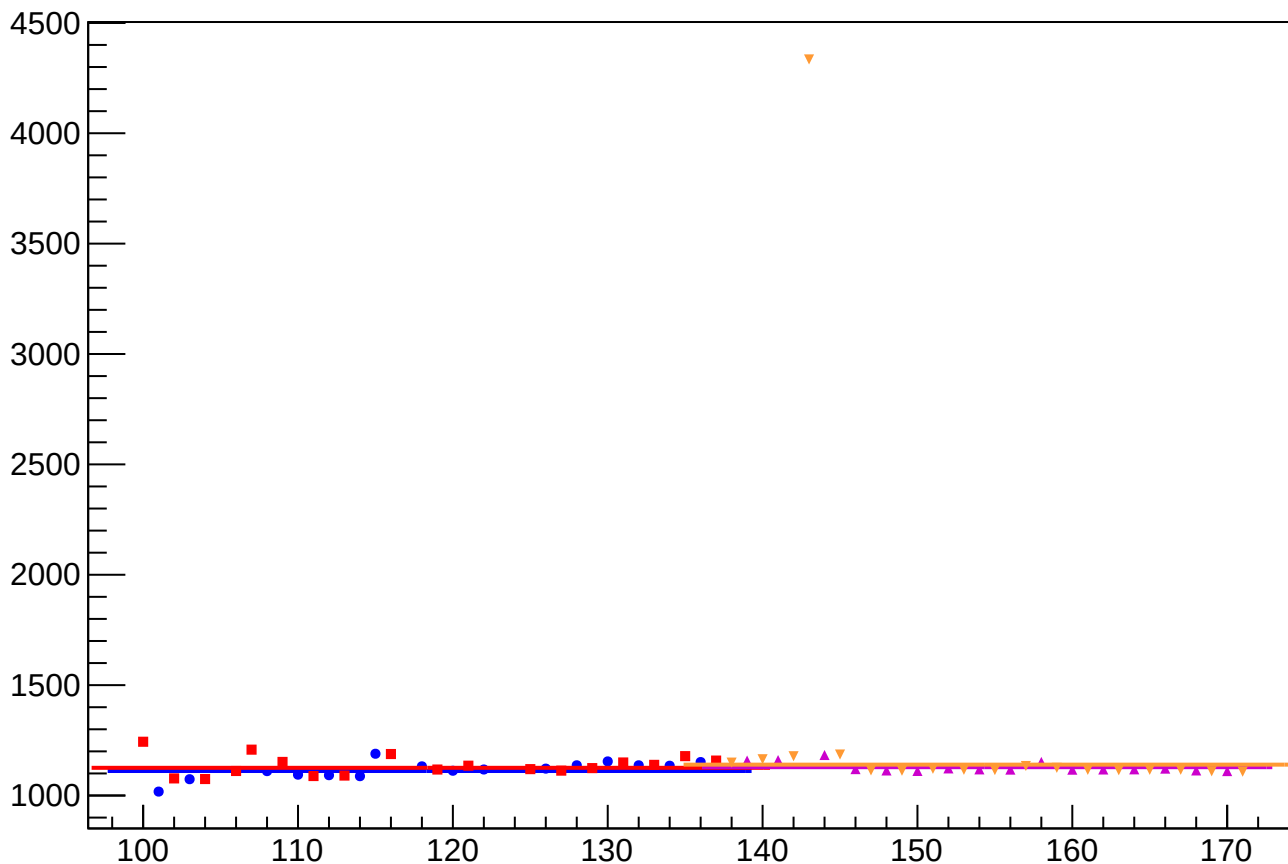
Right: 1985.660+/-302.369 χ^2/NDF : 18.3/33

In: 1643.784+/-255.588 χ^2/NDF : 20.4/31

Out: 1902.197+/-252.353 χ^2/NDF : 31.7/35

All: 1774.636+/-179.573 χ^2/NDF : 52.6/67

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1139.847 $\pm$ 0.222 χ^2 /NDF: 853856.7/17

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

Left In: 1128.374 $\pm$ 0.225 χ^2 /NDF: 9030.8/15

Left: 1134.191 $\pm$ 0.158 χ^2 /NDF: 864208.2/33

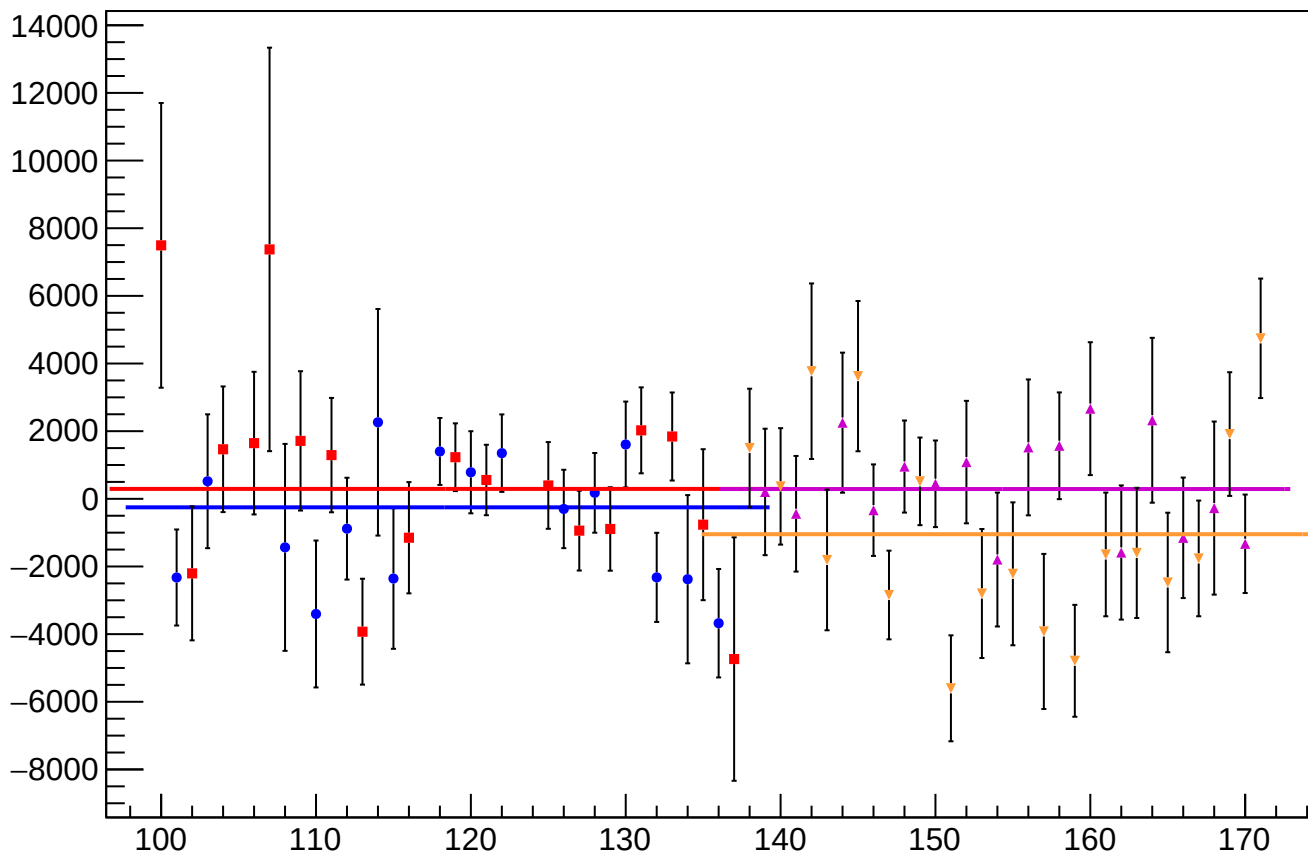
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1122.245 $\pm$ 0.181 χ^2 /NDF: 29224.1/31

Out: 1134.798 $\pm$ 0.178 χ^2 /NDF: 871212.5/35

All: 1128.601 $\pm$ 0.127 χ^2 /NDF: 902879.3/67

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1046.460 $\pm$ 420.618 χ^2/NDF : 44.7/17

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

Left In: 289.740 $\pm$ 430.714 χ^2/NDF : 8.9/15

Left: -394.204 $\pm$ 300.928 χ^2/NDF : 58.5/33

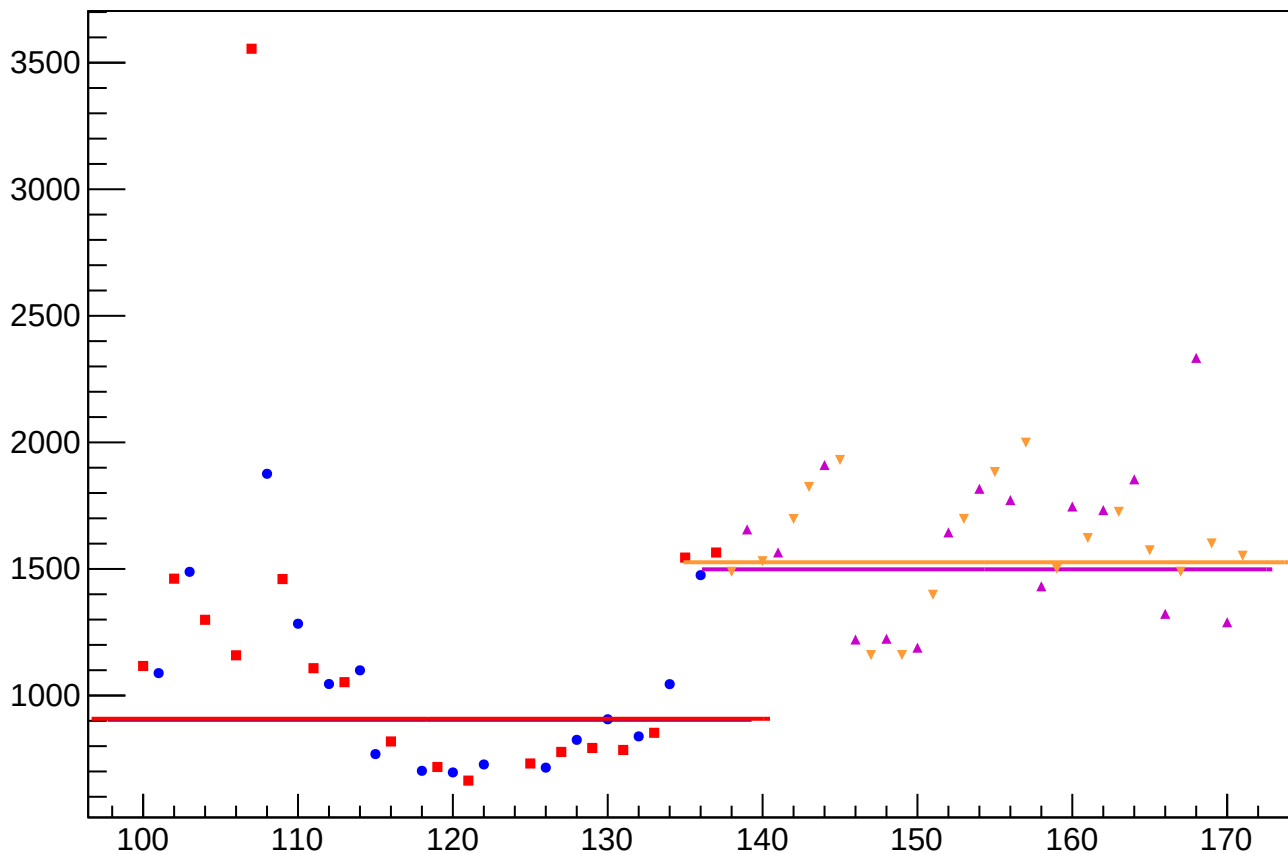
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: -25.210 $\pm$ 278.439 χ^2/NDF : 31.6/31

Out: -277.472 $\pm$ 274.590 χ^2/NDF : 74.5/35

All: -153.097 $\pm$ 195.511 χ^2/NDF : 106.5/67

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1526.412 ± 0.297 χ^2/NDF : 637920.8/17

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

Left In: 1498.506 ± 0.305 χ^2/NDF : 860396.7/15

Left: 1512.790 ± 0.213 χ^2/NDF : 1502614.9/33

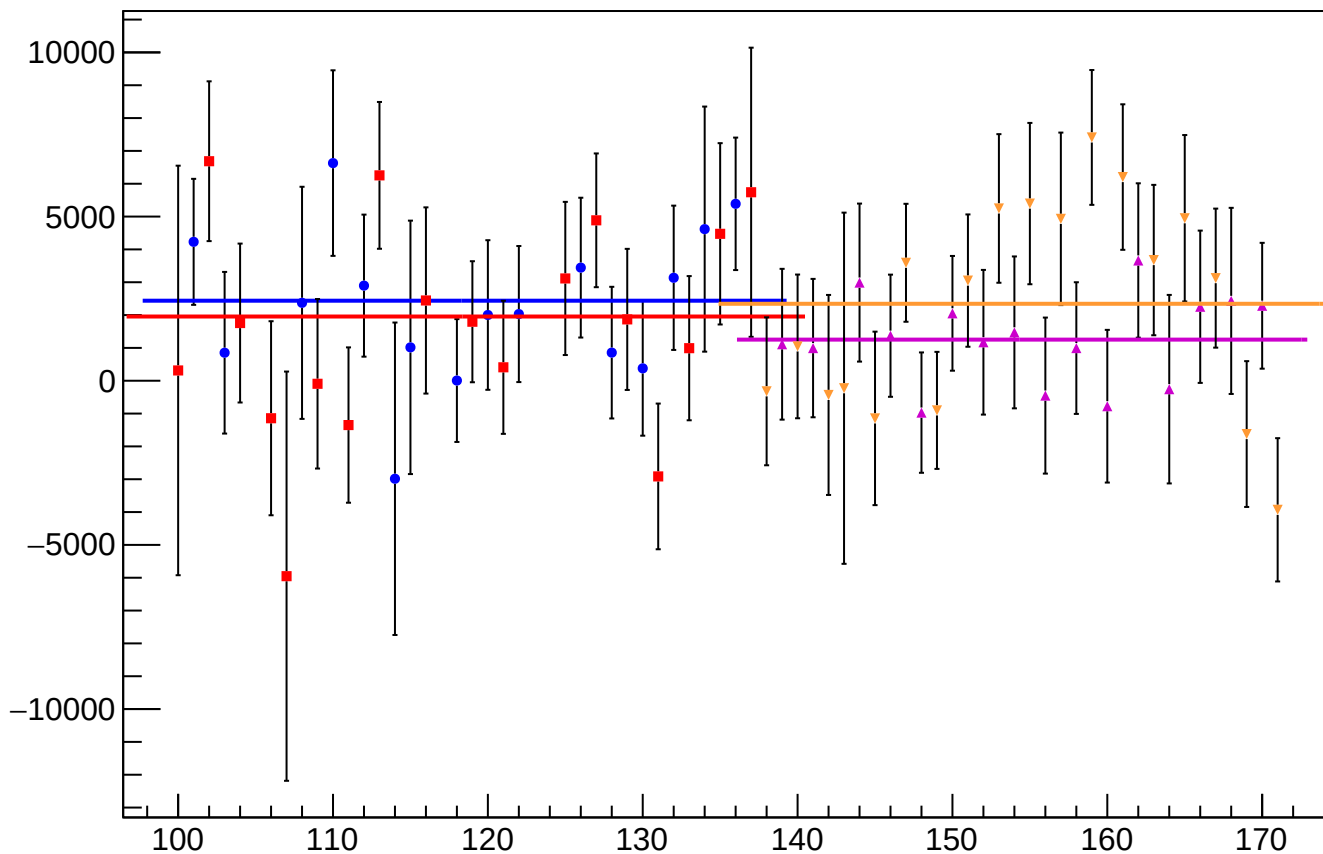
Right: 906.333 ± 0.182 χ^2/NDF : 2402221.4/33

In: 1152.733 ± 0.197 χ^2/NDF : 4095814.1/31

Out: 1171.642 ± 0.194 χ^2/NDF : 4498487.3/35

All: 1162.319 ± 0.138 χ^2/NDF : 8598977.3/67

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2343.582 $\pm$ 535.146 χ^2 /NDF:34.8/17

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

Left In: 1252.359 $\pm$ 543.122 χ^2 /NDF:5.5/15

Left: 1806.041 $\pm$ 381.194 χ^2 /NDF: 42.3/33

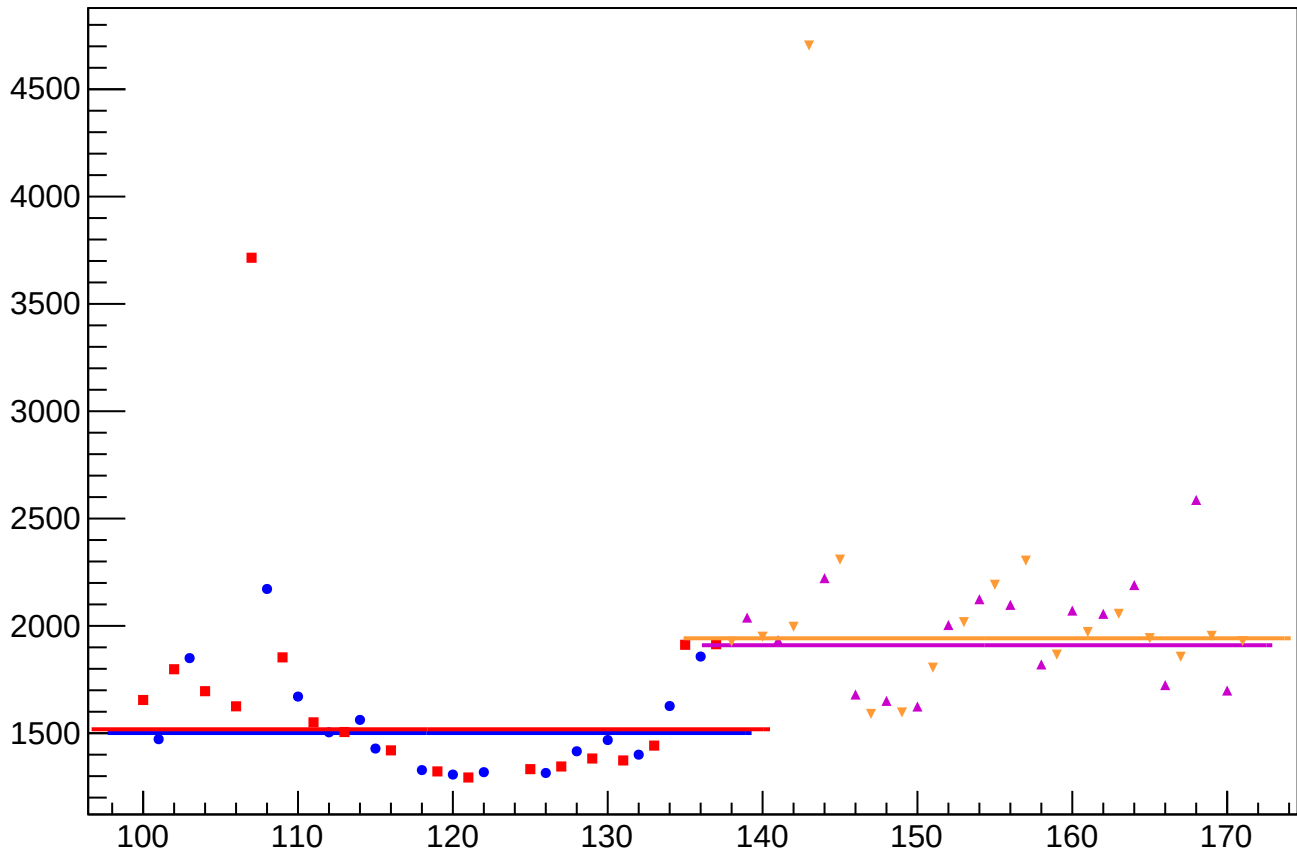
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1799.761 $\pm$ 398.415 χ^2 /NDF:18.9/31

Out: 2166.665 $\pm$ 394.574 χ^2 /NDF:57.4/35

All: 1984.990 $\pm$ 280.354 χ^2 /NDF: 76.7/67

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1942.172 ± 0.378 $\chi^2/\text{NDF}: 806071.9/17$

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

Left In: 1909.834 ± 0.384 $\chi^2/\text{NDF}: 389045.3/15$

Left: 1926.242 ± 0.270 $\chi^2/\text{NDF}: 1198714.6/33$

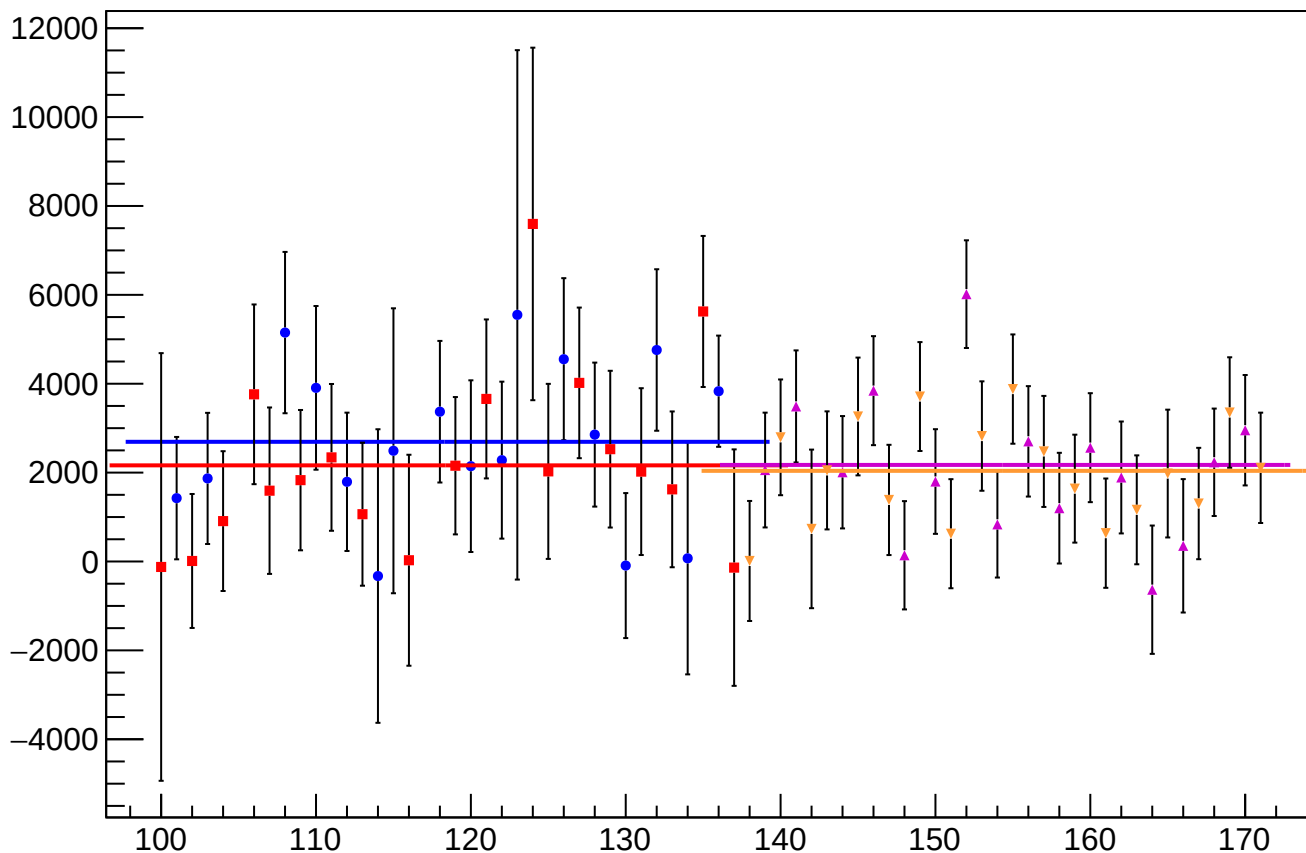
Right: 1509.610 ± 0.293 $\chi^2/\text{NDF}: 733133.5/33$

In: 1720.922 ± 0.282 $\chi^2/\text{NDF}: 1169145.5/31$

Out: 1748.747 ± 0.279 $\chi^2/\text{NDF}: 1854622.8/35$

All: 1734.969 ± 0.198 $\chi^2/\text{NDF}: 3028693.1/67$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2039.710 $\pm$ 302.176 χ^2/NDF : 13.6/17

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

Left In: 2172.929 $\pm$ 314.068 χ^2/NDF : 23.8/15

Left: 2103.750 $\pm$ 217.754 χ^2/NDF : 37.4/33

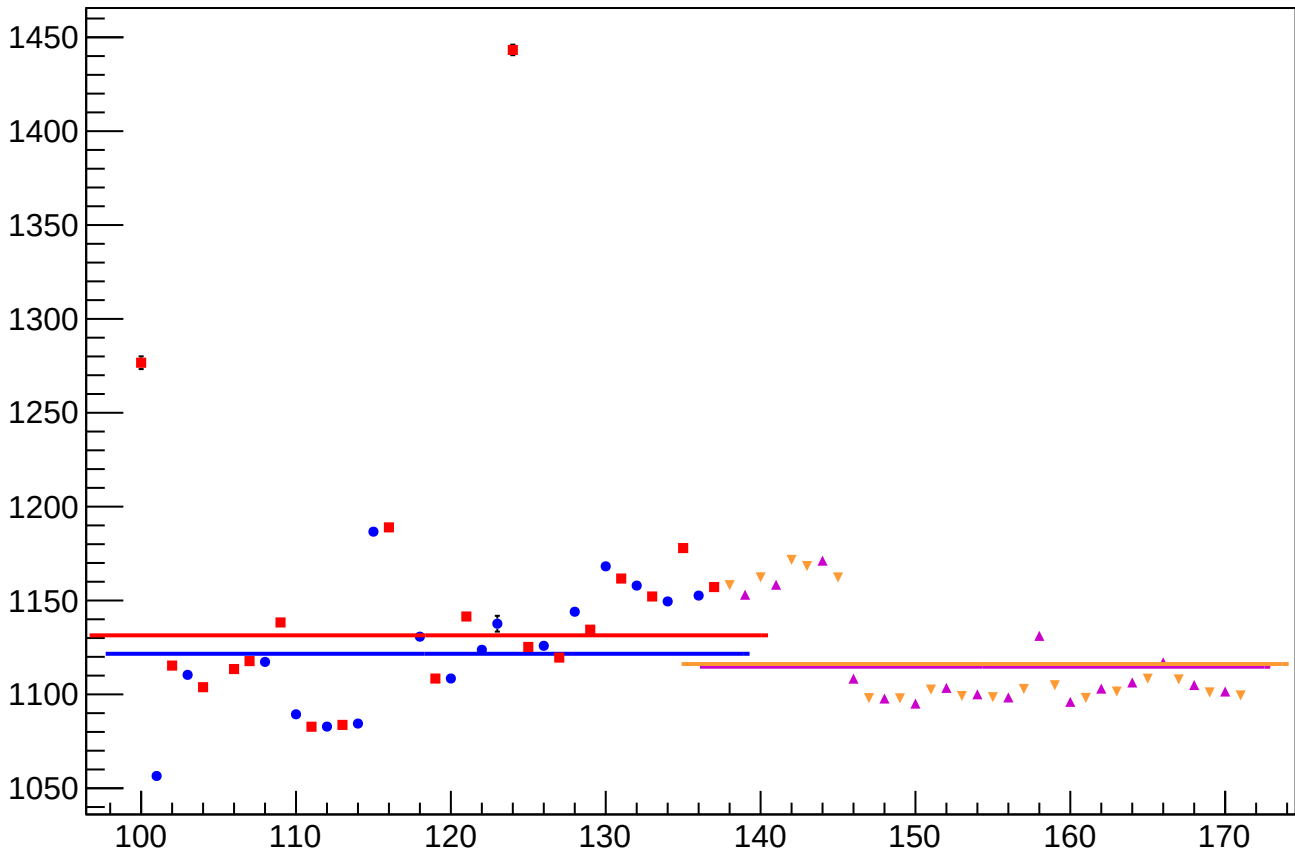
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2352.424 $\pm$ 254.155 χ^2/NDF : 36.9/32

Out: 2081.300 $\pm$ 246.038 χ^2/NDF : 27.4/36

All: 2212.464 $\pm$ 176.775 χ^2/NDF : 65.0/69

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626±/-0.306 χ^2/NDF : 11980.2/16

Left Out: 1116.169±/-0.214 χ^2/NDF : 15723.7/17

Right Out: 1131.451±/-0.300 χ^2/NDF : 23111.7/18

Left In: 1114.748±/-0.222 χ^2/NDF : 11388.9/15

Left: 1115.486±/-0.154 χ^2/NDF : 27133.9/33

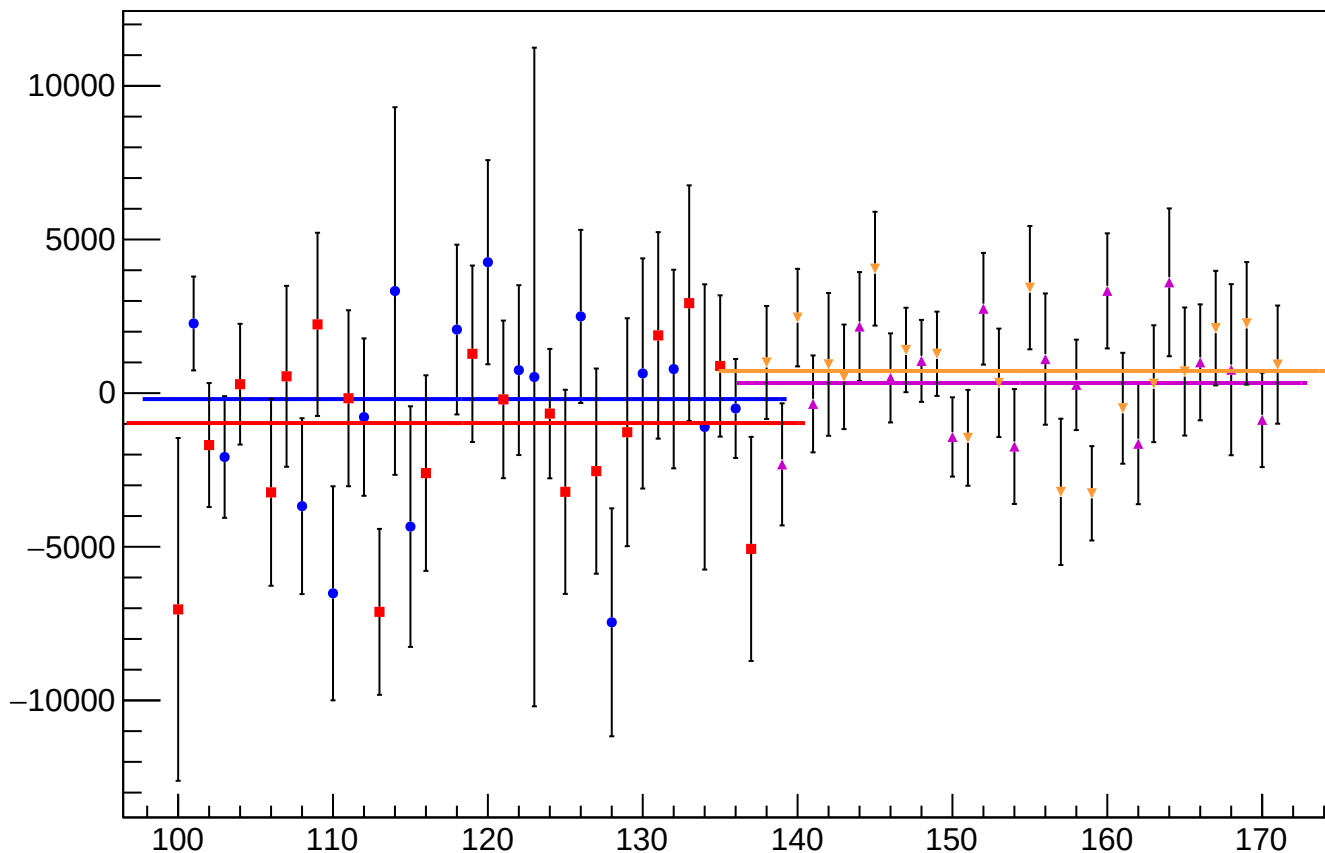
Right: 1126.640±/-0.214 χ^2/NDF : 35618.4/35

In: 1117.122±/-0.180 χ^2/NDF : 23700.3/32

Out: 1121.320±/-0.174 χ^2/NDF : 40559.4/36

All: 1119.289±/-0.125 χ^2/NDF : 64541.4/69

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 $\pm$ 660.359 χ^2/NDF : 17.4/16

Left Out: 722.491 $\pm$ 415.902 χ^2/NDF : 19.8/17

Right Out: -973.263 $\pm$ 645.048 χ^2/NDF : 14.3/18

Left In: 329.921 $\pm$ 429.085 χ^2/NDF : 14.5/15

Left: 532.329 $\pm$ 298.639 χ^2/NDF : 34.8/33

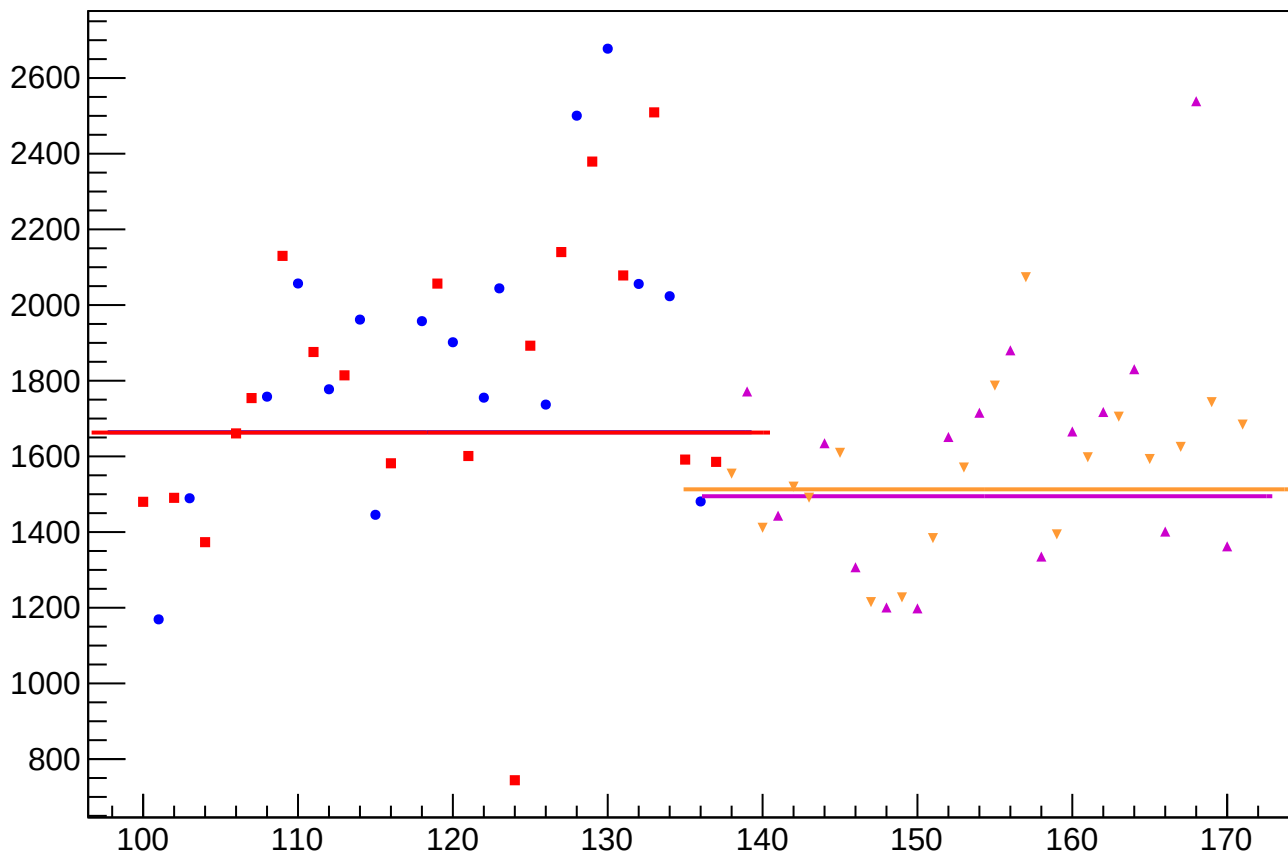
Right: -592.444 $\pm$ 461.436 χ^2/NDF : 32.4/35

In: 174.584 $\pm$ 359.800 χ^2/NDF : 32.3/32

Out: 224.542 $\pm$ 349.545 χ^2/NDF : 39.0/36

All: 200.285 $\pm$ 250.713 χ^2/NDF : 71.3/69

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1512.958+/-0.294 χ^2/NDF : 449510.0/17

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

Left In: 1494.705+/-0.303 χ^2/NDF : 803336.3/15

Left: 1504.116+/-0.211 χ^2/NDF : 1254712.4/33

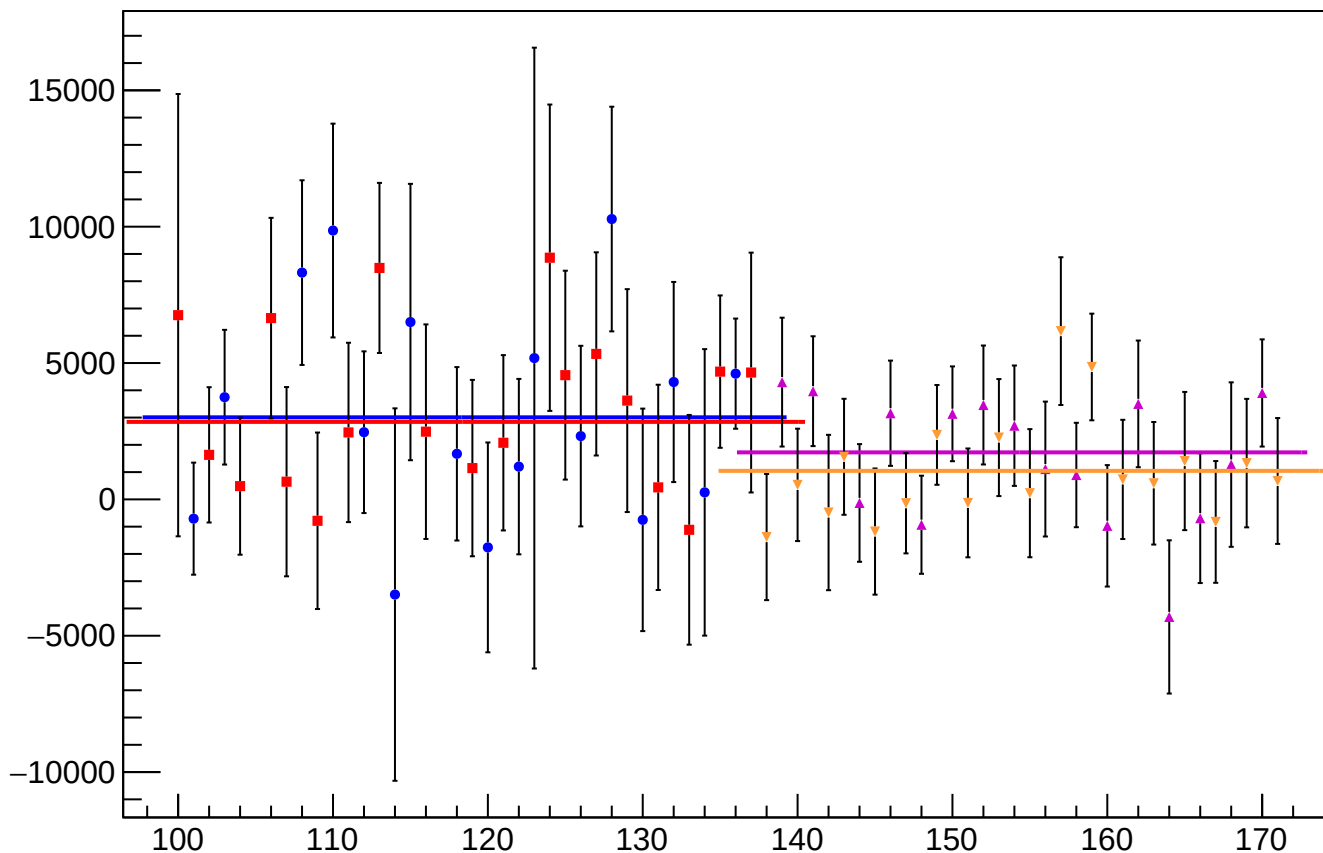
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1544.898+/-0.254 χ^2/NDF : 1517999.3/32

Out: 1557.013+/-0.247 χ^2/NDF : 1330904.9/36

All: 1551.130+/-0.177 χ^2/NDF : 2850070.8/69

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1046.026+/-518.000 χ^2/NDF : 12.4/17

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

Left In: 1723.848+/-537.646 χ^2/NDF : 16.6/15

Left: 1372.327+/-373.033 χ^2/NDF : 29.8/33

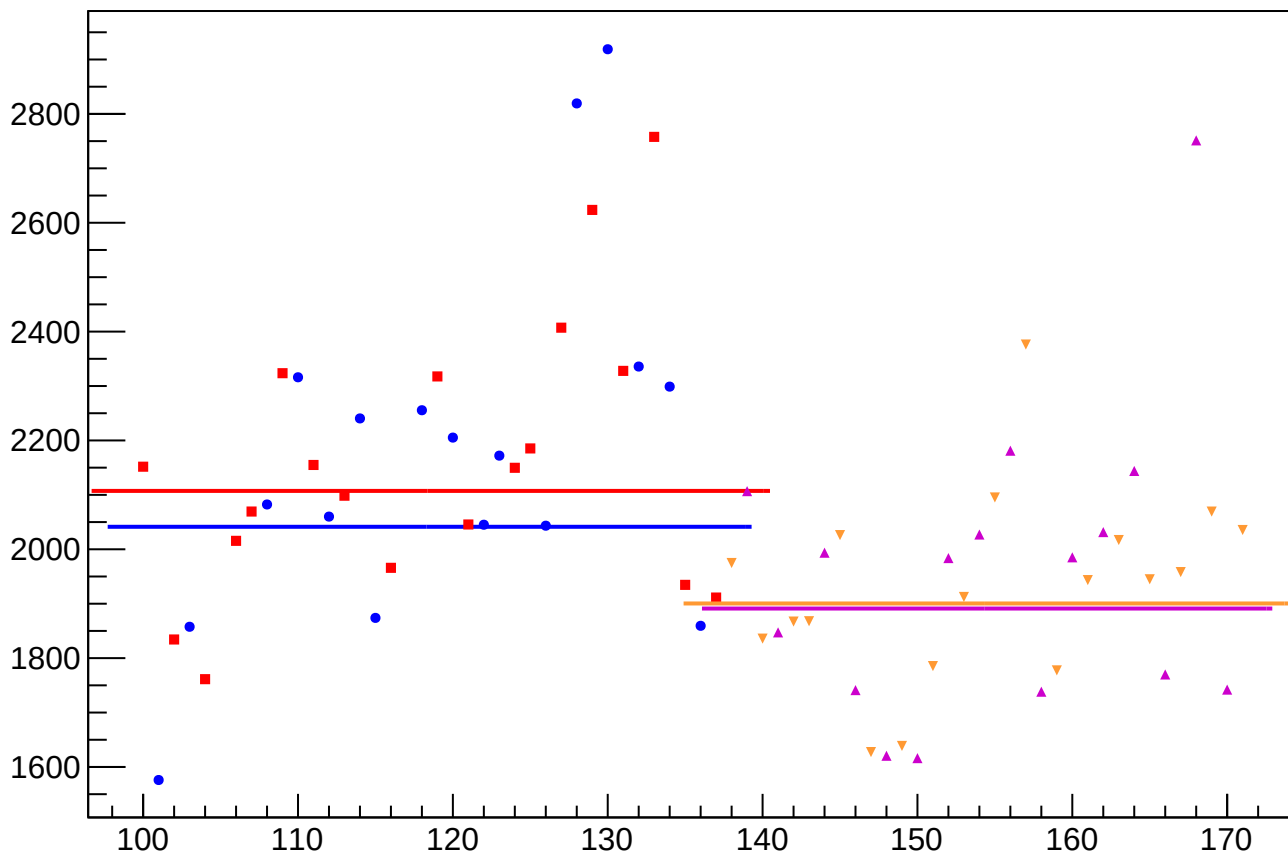
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2124.005+/-446.174 χ^2/NDF : 35.7/32

Out: 1580.579+/-434.121 χ^2/NDF : 27.4/36

All: 1844.853+/-311.144 χ^2/NDF : 63.9/69

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1900.426+/-0.366 χ^2/NDF : 210997.3/17

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

Left In: 1891.112+/-0.380 χ^2/NDF : 387326.0/15

Left: 1895.942+/-0.264 χ^2/NDF : 598634.6/33

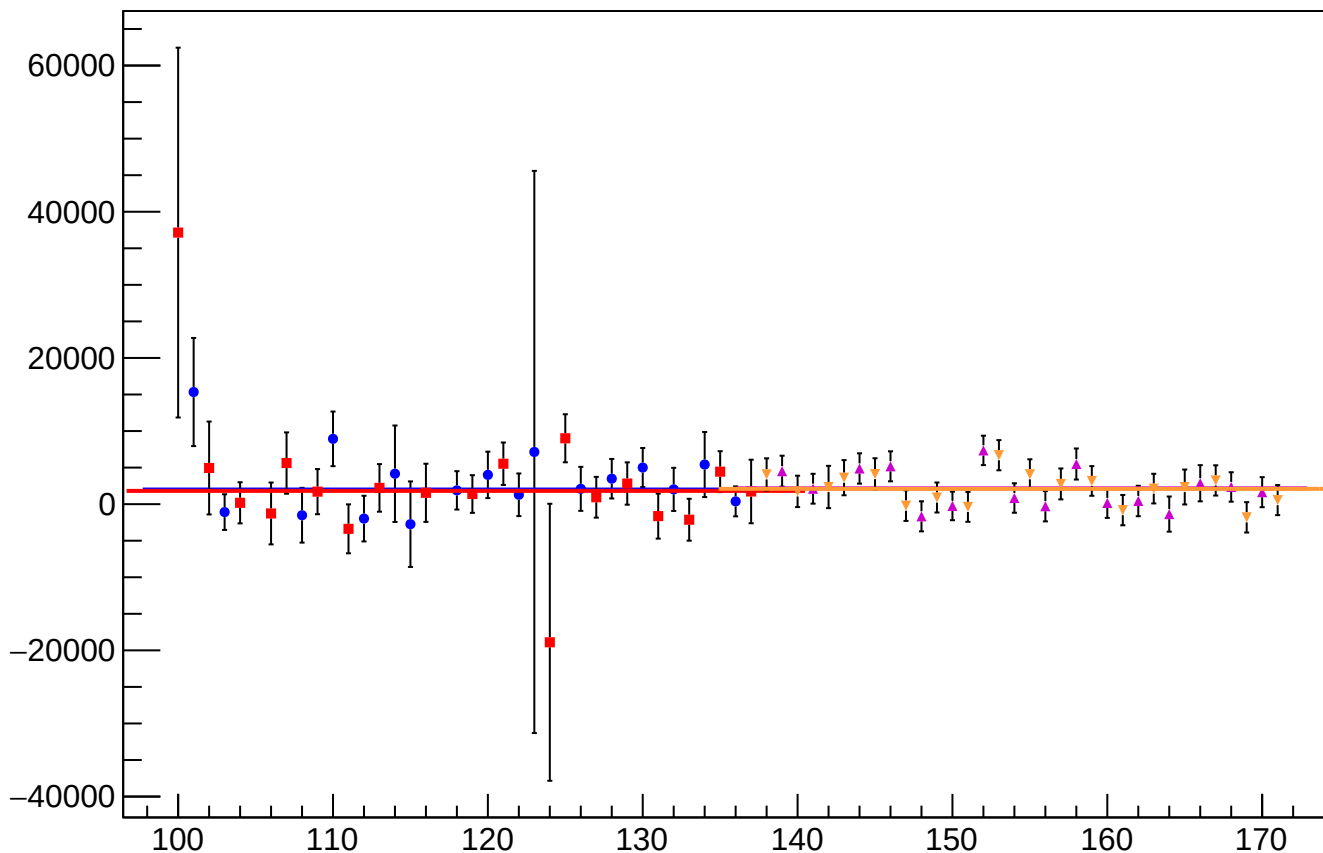
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1937.884+/-0.315 χ^2/NDF : 774381.2/32

Out: 1961.993+/-0.307 χ^2/NDF : 502702.1/36

All: 1950.268+/-0.220 χ^2/NDF : 1280083.0/69

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2094.981+/-504.318 χ^2/NDF : 17.8/17

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

Left In: 2162.010+/-521.954 χ^2/NDF : 25.0/15

Left: 2127.344+/-362.681 χ^2/NDF : 42.8/33

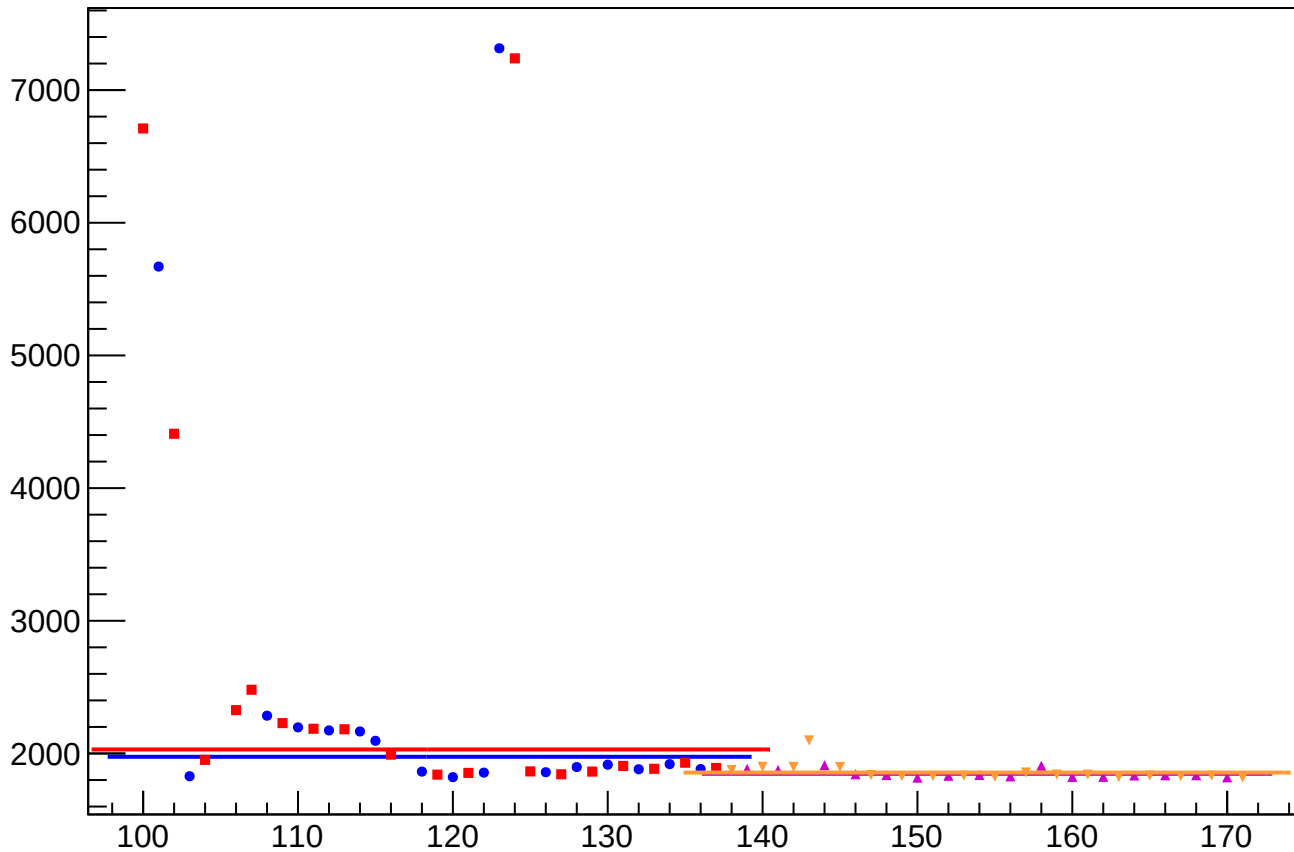
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2112.013+/-434.066 χ^2/NDF : 39.8/32

Out: 2012.830+/-423.740 χ^2/NDF : 36.1/36

All: 2061.228+/-303.214 χ^2/NDF : 76.0/69

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1856.297+/-0.357 χ^2/NDF : 26220.1/17

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

Left In: 1846.729+/-0.369 χ^2/NDF : 6365.7/15

Left: 1851.677+/-0.256 χ^2/NDF : 32933.4/33

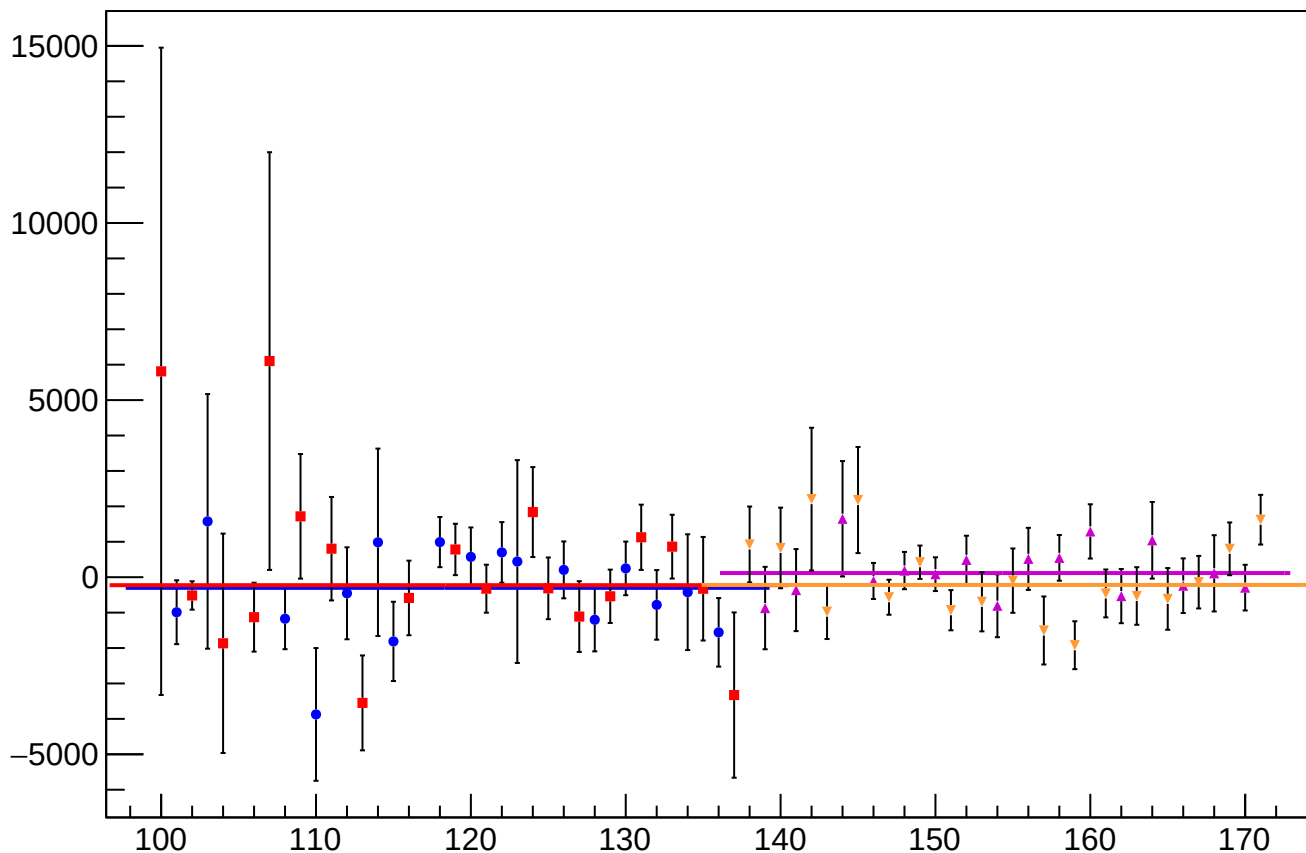
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1886.323+/-0.307 χ^2/NDF : 643513.2/32

Out: 1907.471+/-0.300 χ^2/NDF : 700181.0/36

All: 1897.151+/-0.214 χ^2/NDF : 1346125.1/69

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -218.219 ± 175.920 $\chi^2/\text{NDF}: 28.6/17$

Right Out: -225.432 ± 215.564 $\chi^2/\text{NDF}: 22.2/18$

Left In: 117.241 ± 182.353 $\chi^2/\text{NDF}: 8.4/15$

Left: -56.511 ± 126.608 $\chi^2/\text{NDF}: 38.8/33$

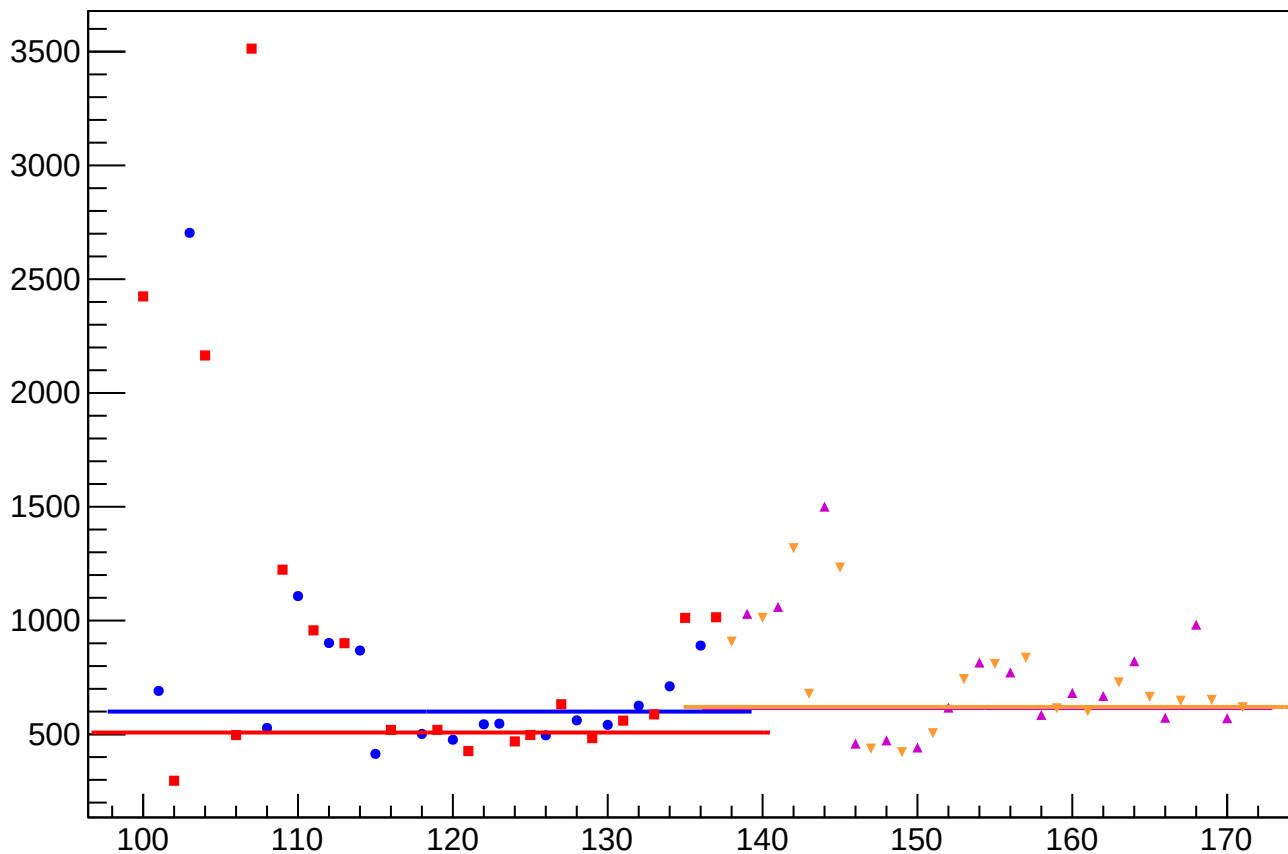
Right: -257.724 ± 162.302 $\chi^2/\text{NDF}: 39.6/35$

In: -30.243 ± 146.624 $\chi^2/\text{NDF}: 27.6/32$

Out: -221.103 ± 136.294 $\chi^2/\text{NDF}: 50.8/36$

All: -132.632 ± 99.827 $\chi^2/\text{NDF}: 79.3/69$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 620.212 ± 0.124 χ^2/NDF : 1959056.8/17

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

Left In: 615.452 ± 0.129 χ^2/NDF : 2251233.4/15

Left: 617.918 ± 0.090 χ^2/NDF : 4210995.9/33

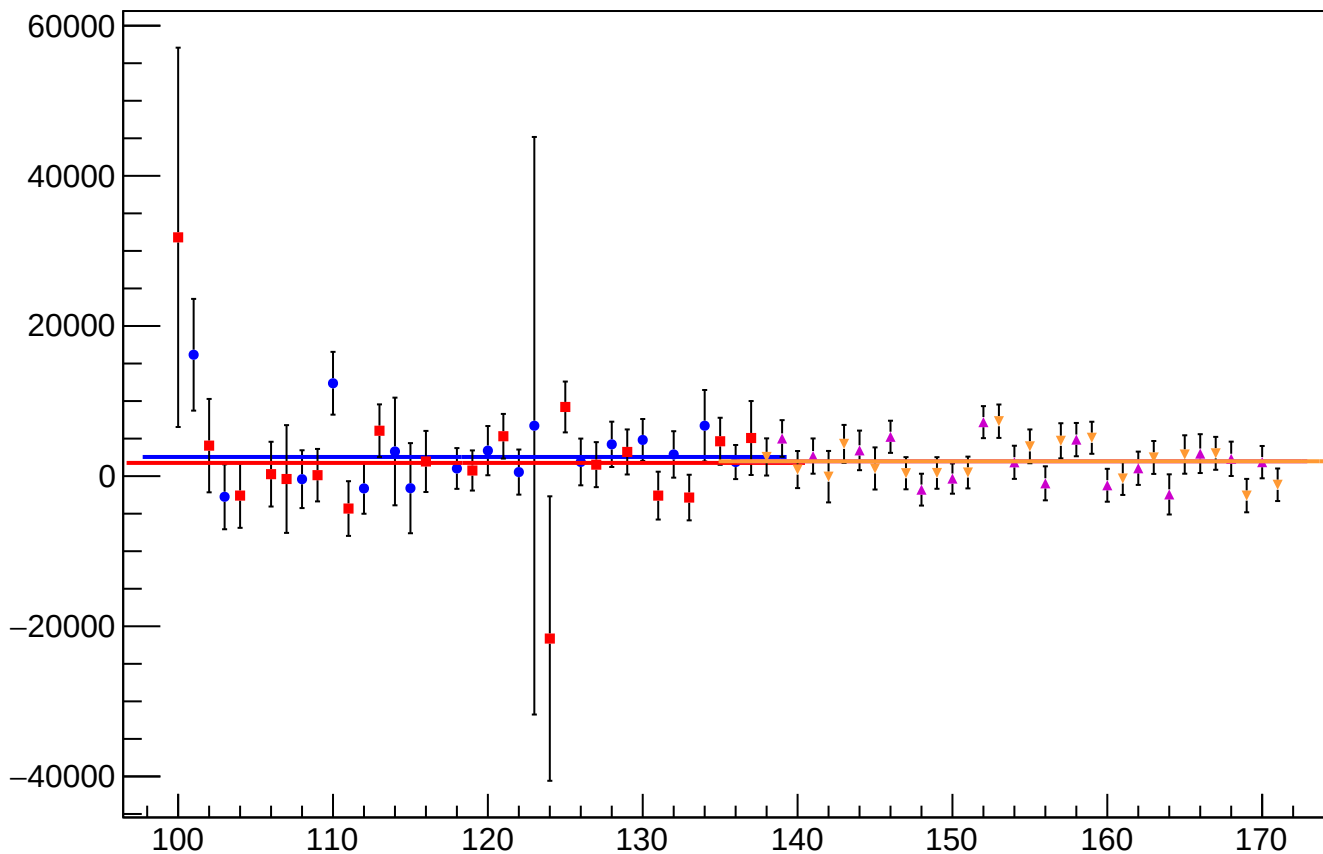
Right: 547.794 ± 0.115 χ^2/NDF : 4387752.6/35

In: 609.974 ± 0.104 χ^2/NDF : 3637390.0/32

Out: 575.331 ± 0.096 χ^2/NDF : 5133569.1/36

All: 591.389 ± 0.071 χ^2/NDF : 8830853.8/69

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1979.705 $\pm$ 545.810 χ^2/NDF : 21.0/17

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

Left In: 1978.395 $\pm$ 567.073 χ^2/NDF : 23.3/15

Left: 1979.075 $\pm$ 393.248 χ^2/NDF : 44.3/33

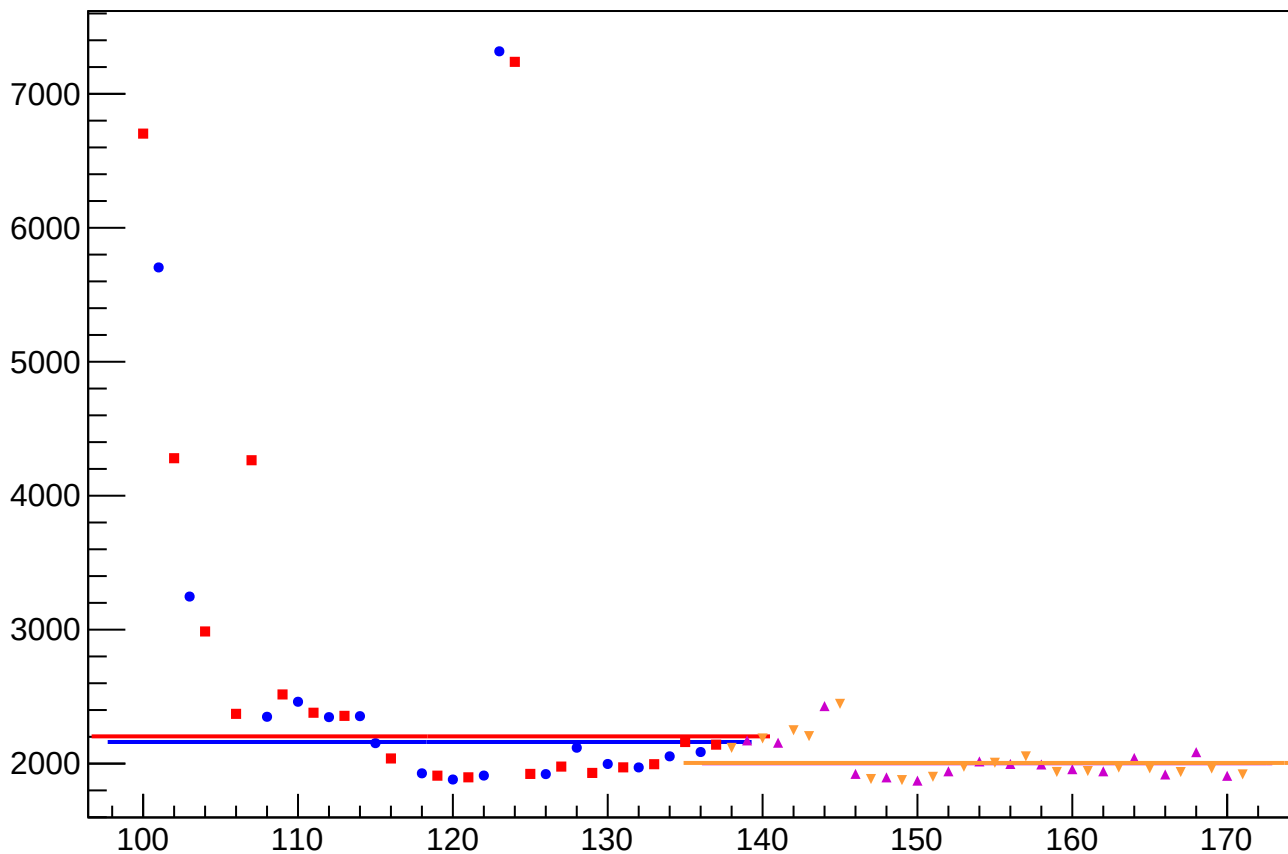
Right: 2155.591 $\pm$ 605.836 χ^2/NDF : 37.1/35

In: 2153.010 $\pm$ 473.235 χ^2/NDF : 39.3/32

Out: 1916.493 $\pm$ 460.009 χ^2/NDF : 42.0/36

All: 2031.400 $\pm$ 329.852 χ^2/NDF : 81.5/69

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2005.001+/-0.386 χ^2/NDF : 117153.0/17

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

Left In: 2002.479+/-0.401 χ^2/NDF : 99550.0/15

Left: 2003.788+/-0.278 χ^2/NDF : 216723.4/33

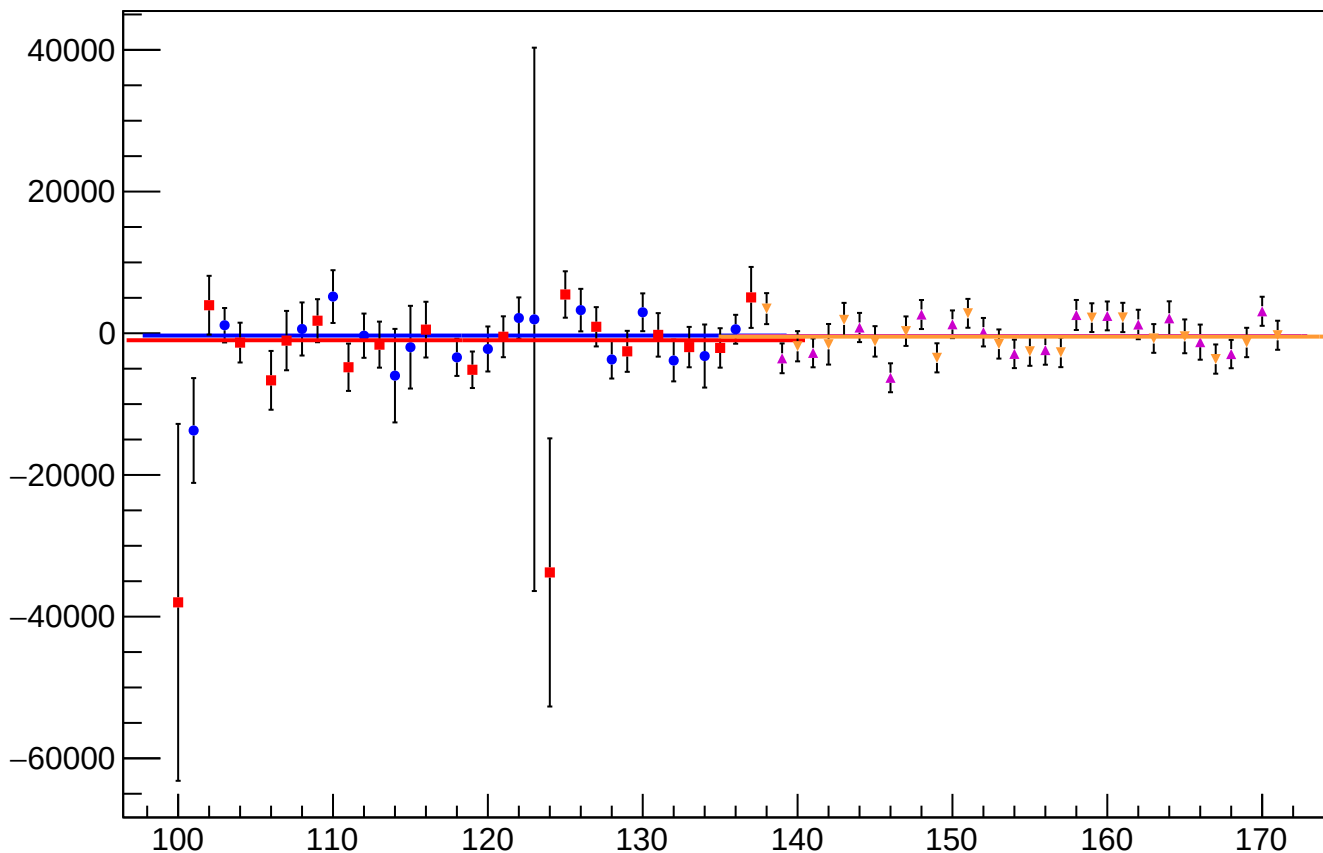
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2050.728+/-0.335 χ^2/NDF : 858499.1/32

Out: 2062.458+/-0.325 χ^2/NDF : 991054.7/36

All: 2056.760+/-0.233 χ^2/NDF : 1850185.6/69

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -473.090 ± 502.856 $\chi^2/\text{NDF}: 18.2/17$

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

Left In: -390.393 ± 520.650 $\chi^2/\text{NDF}: 28.0/15$

Left: -433.179 ± 361.700 $\chi^2/\text{NDF}: 46.1/33$

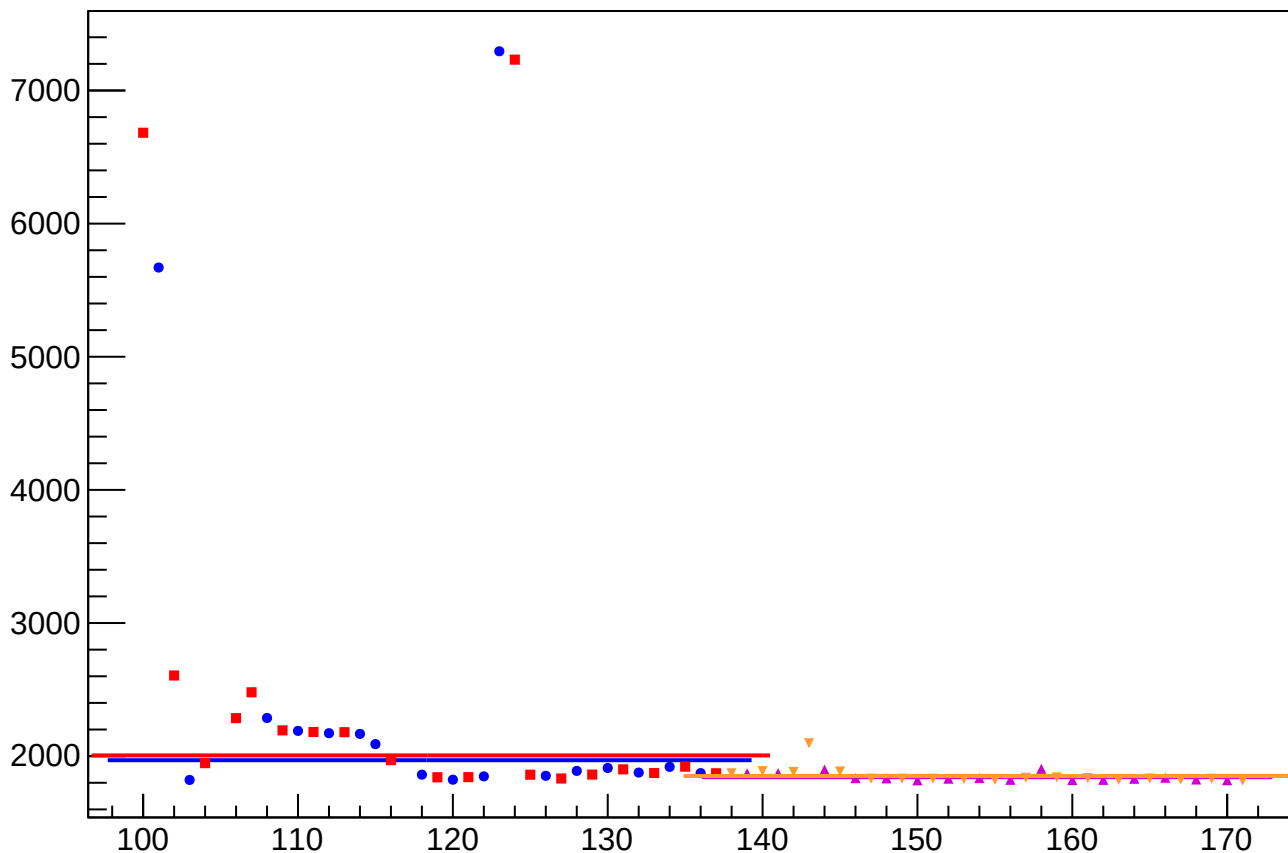
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -369.831 ± 432.956 $\chi^2/\text{NDF}: 43.7/32$

Out: -626.430 ± 421.014 $\chi^2/\text{NDF}: 38.8/36$

All: -501.718 ± 301.836 $\chi^2/\text{NDF}: 82.7/69$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1850.992+/-0.356 χ^2/NDF : 25567.7/17

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

Left In: 1842.170+/-0.368 χ^2/NDF : 5598.9/15

Left: 1846.734+/-0.256 χ^2/NDF : 31463.7/33

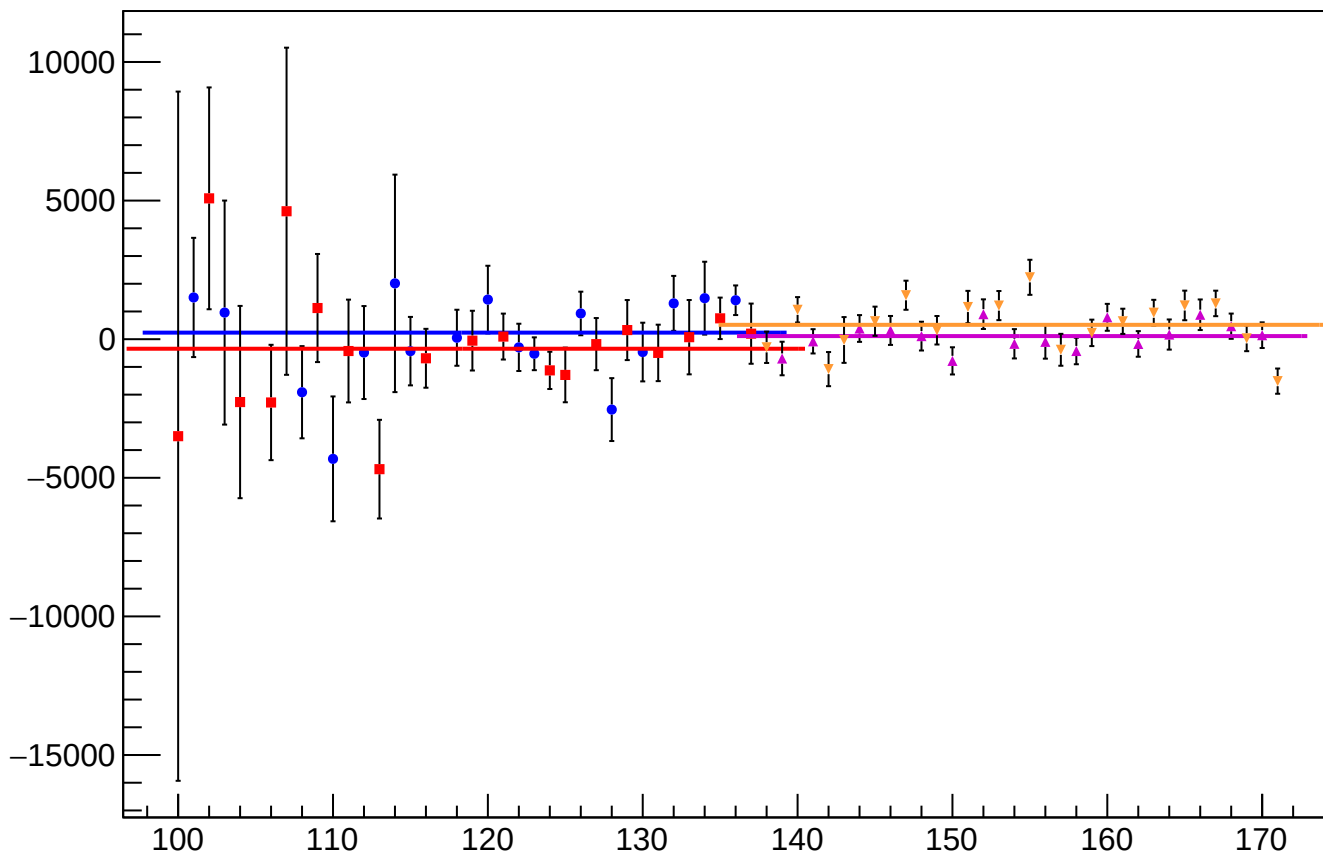
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1881.449+/-0.306 χ^2/NDF : 645307.8/32

Out: 1897.208+/-0.298 χ^2/NDF : 441710.3/36

All: 1889.549+/-0.213 χ^2/NDF : 1088380.1/69

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 518.206 $\pm$ 122.443 χ^2 /NDF:54.6/17

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

Left In: 112.309 $\pm$ 125.991 χ^2 /NDF:14.5/15

Left: 321.054 $\pm$ 87.808 χ^2 /NDF: 74.5/33

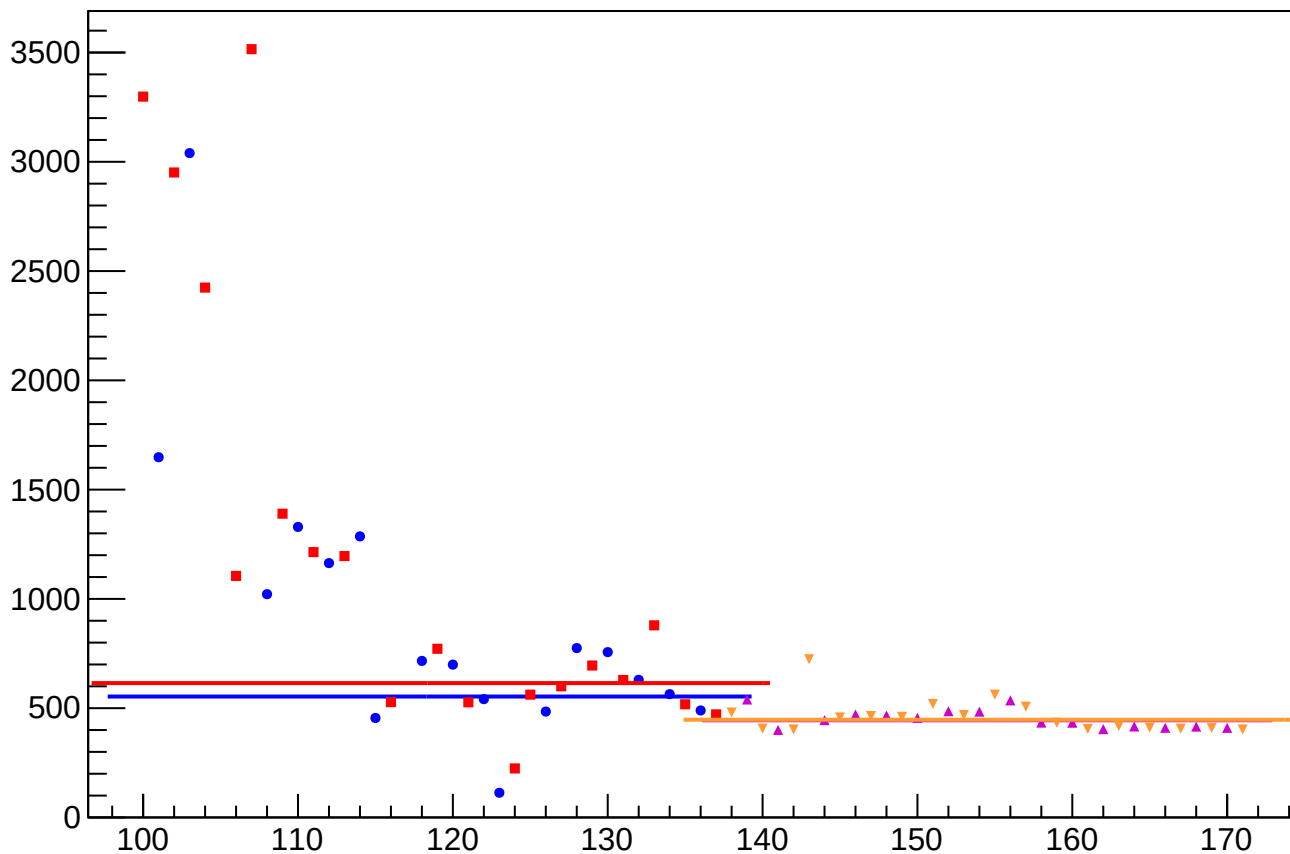
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 137.763 $\pm$ 112.383 χ^2 /NDF:38.6/32

Out: 369.740 $\pm$ 111.407 χ^2 /NDF:79.1/36

All: 254.763 $\pm$ 79.119 χ^2 /NDF: 119.9/69

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 447.105 ± 0.087 χ^2/NDF : 467183.9/17

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

Left In: 444.697 ± 0.089 χ^2/NDF : 197284.3/15

Left: 445.935 ± 0.062 χ^2/NDF : 664844.0/33

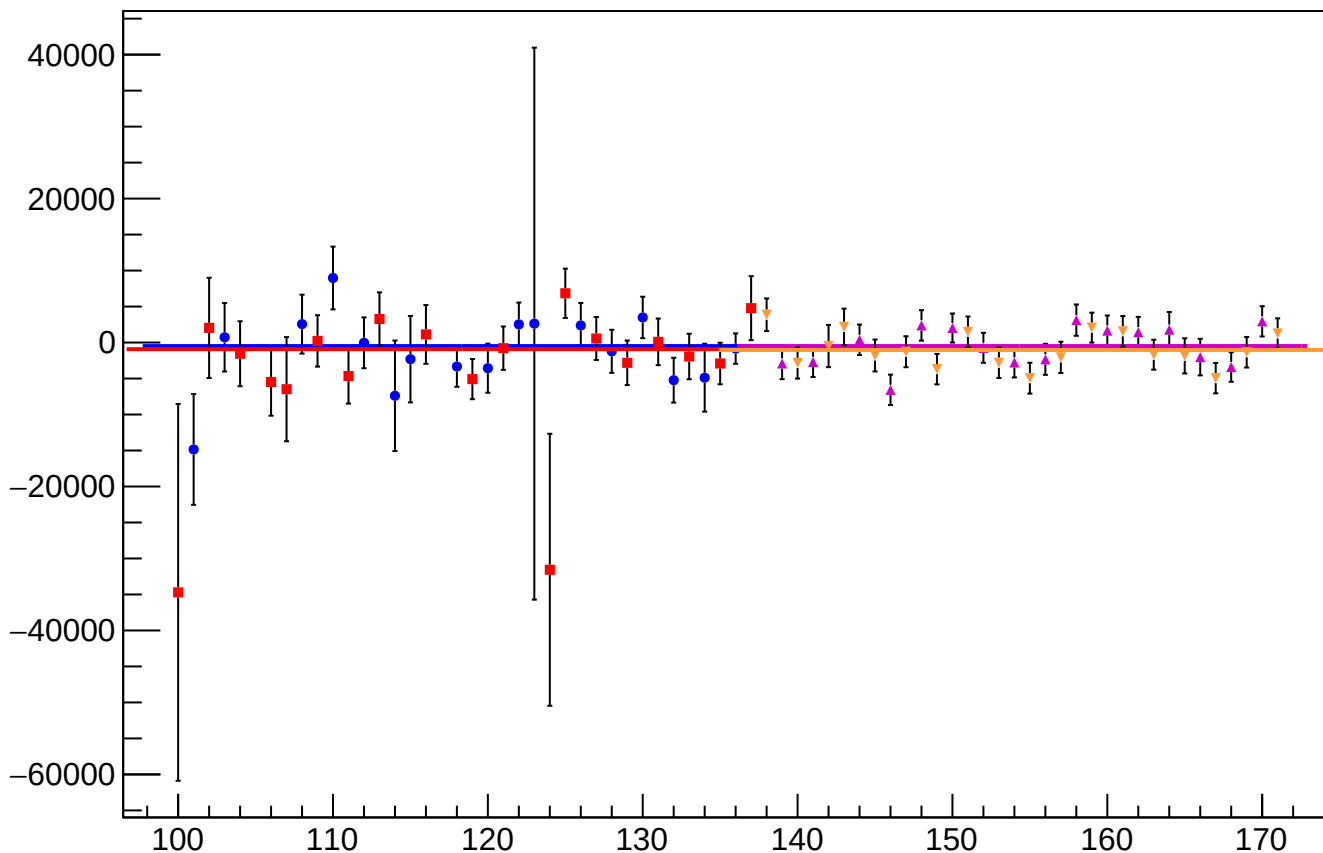
Right: 581.688 ± 0.129 χ^2/NDF : 7038937.4/35

In: 466.886 ± 0.079 χ^2/NDF : 3913602.2/32

Out: 475.977 ± 0.079 χ^2/NDF : 4682799.0/36

All: 471.471 ± 0.056 χ^2/NDF : 8603001.4/69

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1027.397 $\pm$ 518.801 χ^2 /NDF:22.9/17

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

Left In: -488.193 $\pm$ 536.312 χ^2 /NDF:26.6/15

Left: -766.742 $\pm$ 372.885 χ^2 /NDF: 50.1/33

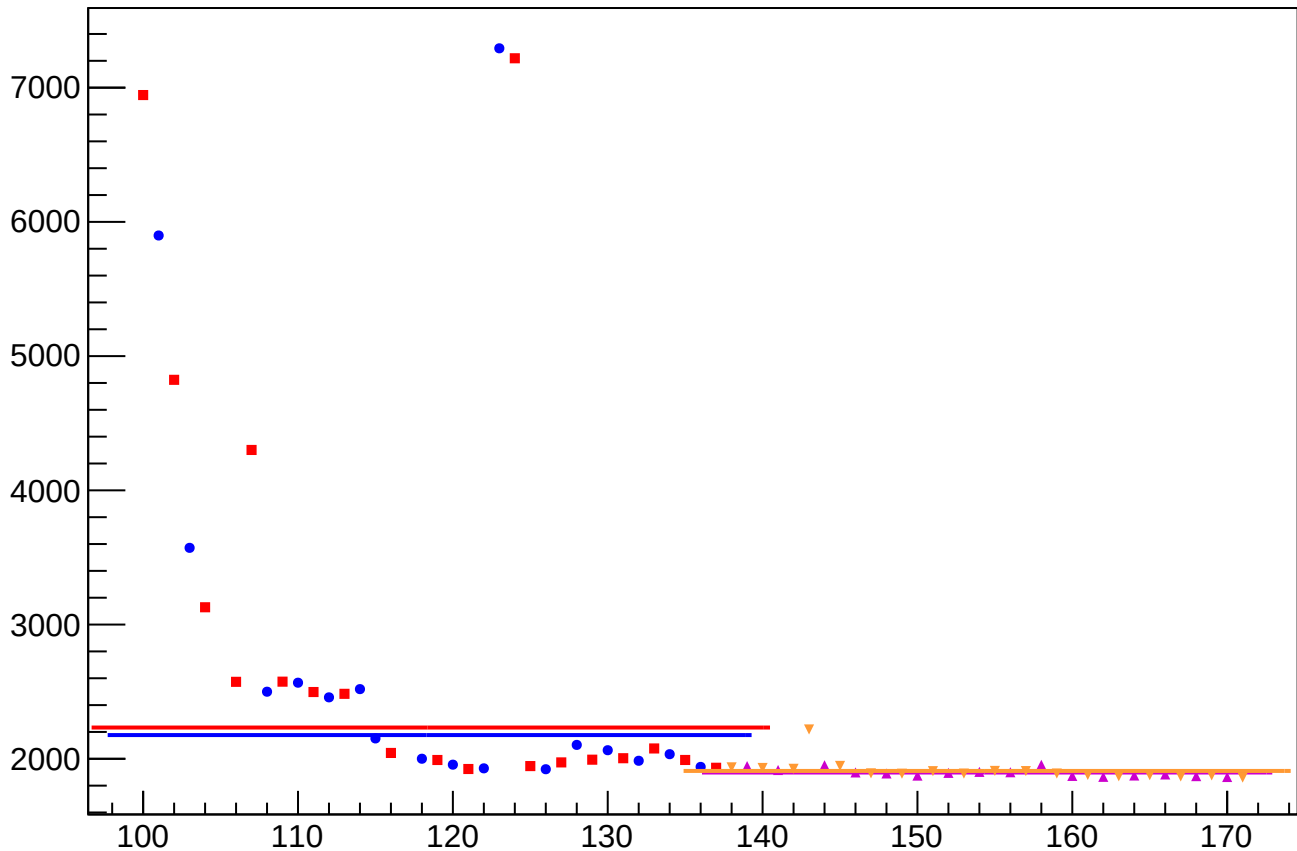
Right: -706.757 $\pm$ 613.998 χ^2 /NDF: 37.6/35

In: -489.228 $\pm$ 456.246 χ^2 /NDF:45.2/32

Out: -999.662 $\pm$ 445.409 χ^2 /NDF:41.9/36

All: -750.579 $\pm$ 318.714 χ^2 /NDF: 87.7/69

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1909.546 ± 0.367 χ^2/NDF : 35245.5/17

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

Left In: 1897.742 ± 0.379 χ^2/NDF : 5959.6/15

Left: 1903.840 ± 0.264 χ^2/NDF : 41705.6/33

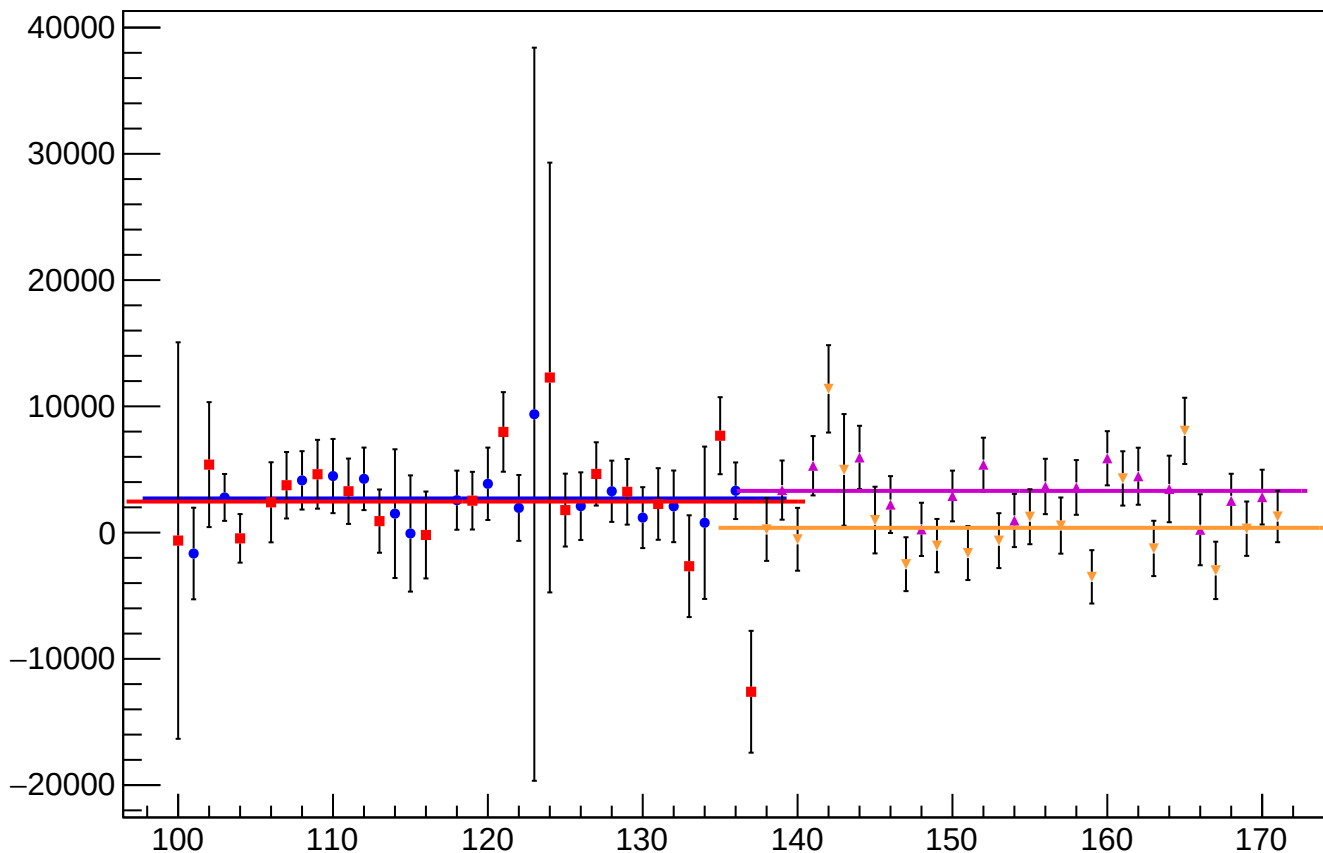
Right: 2204.793 ± 0.434 χ^2/NDF : 1697410.2/35

In: 1974.829 ± 0.323 χ^2/NDF : 958187.6/32

Out: 1994.557 ± 0.315 χ^2/NDF : 1130046.7/36

All: 1984.930 ± 0.225 χ^2/NDF : 2090149.0/69

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 378.137+/-547.852 χ^2/NDF : 33.1/17

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

Left In: 3303.411+/-561.537 χ^2/NDF : 9.5/15

Left: 1804.695+/-392.139 χ^2/NDF : 56.6/33

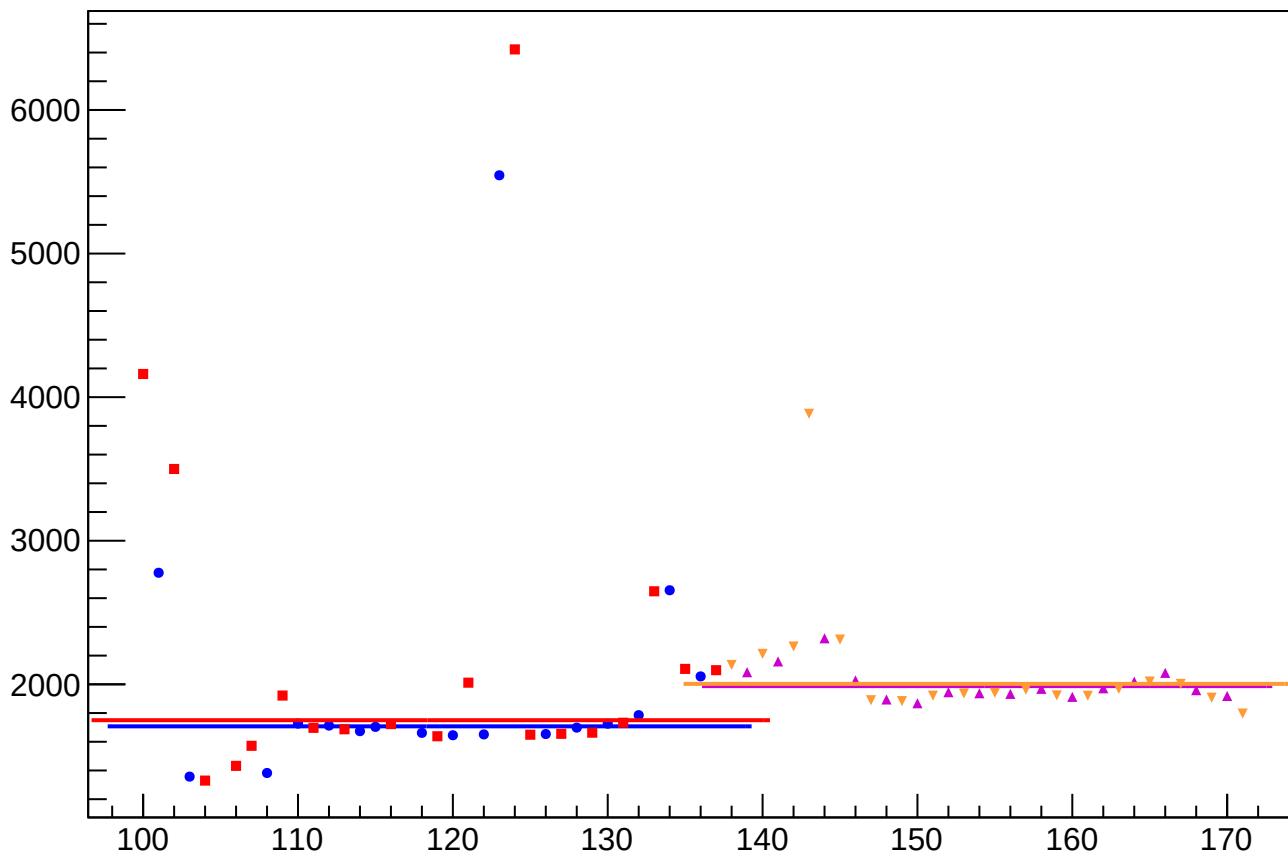
Right: 2582.696+/-479.575 χ^2/NDF : 27.3/35

In: 3057.572+/-431.399 χ^2/NDF : 14.0/32

Out: 1193.243+/-427.266 χ^2/NDF : 62.0/36

All: 2116.436+/-303.573 χ^2/NDF : 85.5/69

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2003.210 ± 0.387 $\chi^2/\text{NDF}: 470849.3/17$

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

Left In: 1987.454 ± 0.397 $\chi^2/\text{NDF}: 71613.3/15$

Left: 1995.526 ± 0.277 $\chi^2/\text{NDF}: 543269.4/33$

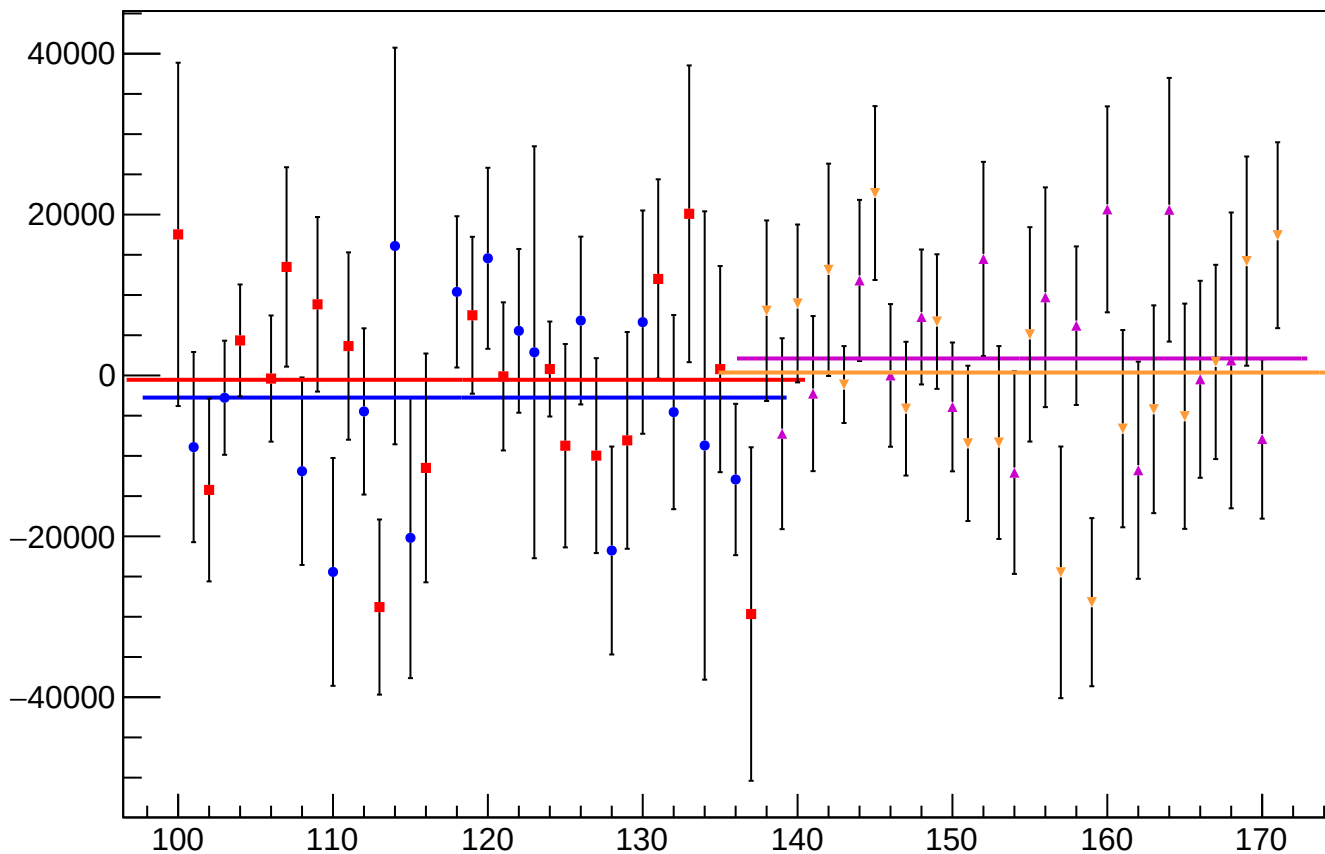
Right: 1728.481 ± 0.339 $\chi^2/\text{NDF}: 1172634.0/35$

In: 1872.683 ± 0.305 $\chi^2/\text{NDF}: 697657.2/32$

Out: 1904.023 ± 0.302 $\chi^2/\text{NDF}: 1384627.9/36$

All: 1888.505 ± 0.215 $\chi^2/\text{NDF}: 2087614.2/69$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 365.987 $\pm$ 2358.931 χ^2/NDF : 22.8/17

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

Left In: 2109.671 $\pm$ 2728.855 χ^2/NDF : 11.1/15

Left: 1111.716 $\pm$ 1784.584 χ^2/NDF : 34.1/33

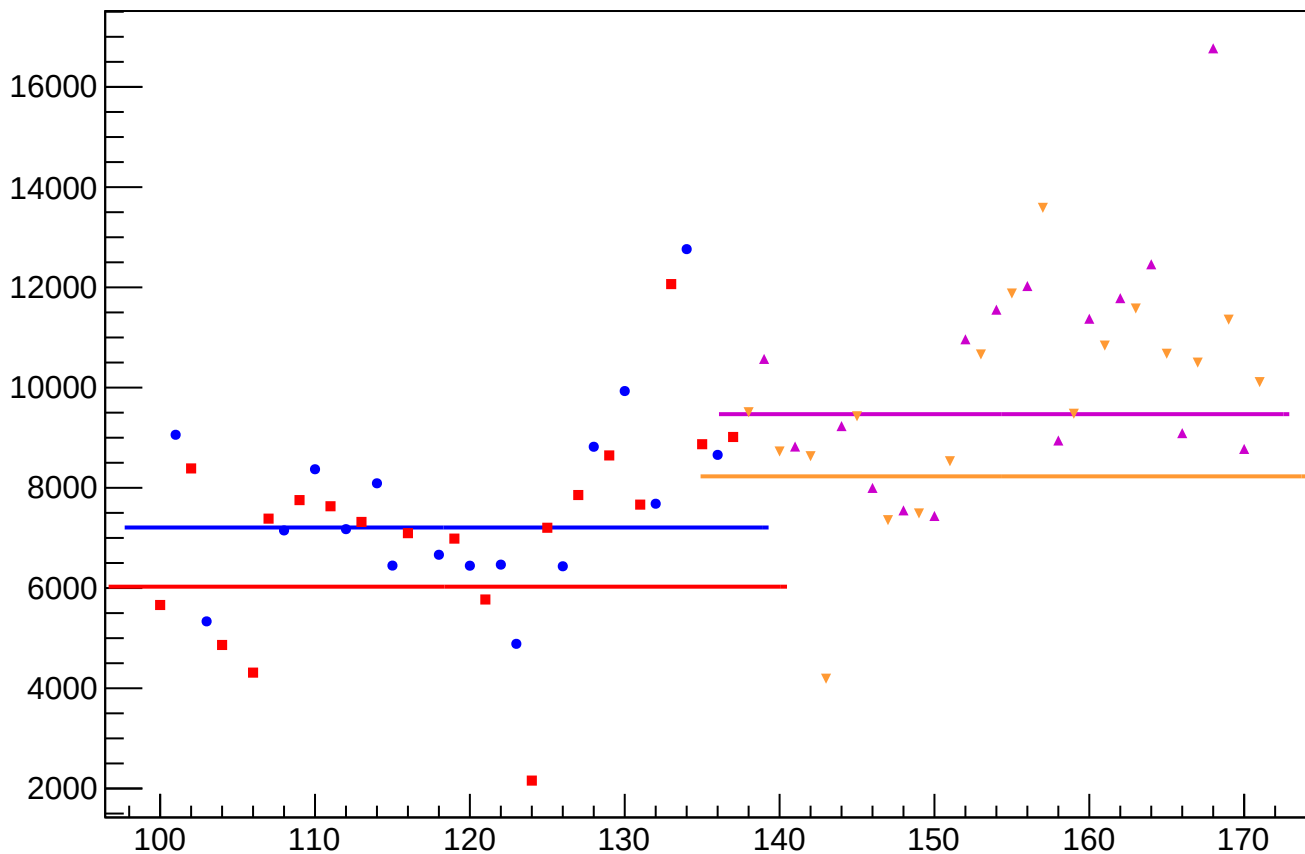
Right: -1470.363 $\pm$ 1844.820 χ^2/NDF : 33.4/35

In: -221.511 $\pm$ 1968.509 χ^2/NDF : 27.2/32

Out: -73.745 $\pm$ 1690.884 χ^2/NDF : 41.3/36

All: -136.482 $\pm$ 1282.658 χ^2/NDF : 68.5/69

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8228.817+/-1.668 χ^2/NDF : 2545174.1/17

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

Left In: 9469.955+/-1.930 χ^2/NDF : 973640.2/15

Left: 8759.620+/-1.262 χ^2/NDF : 3755598.1/33

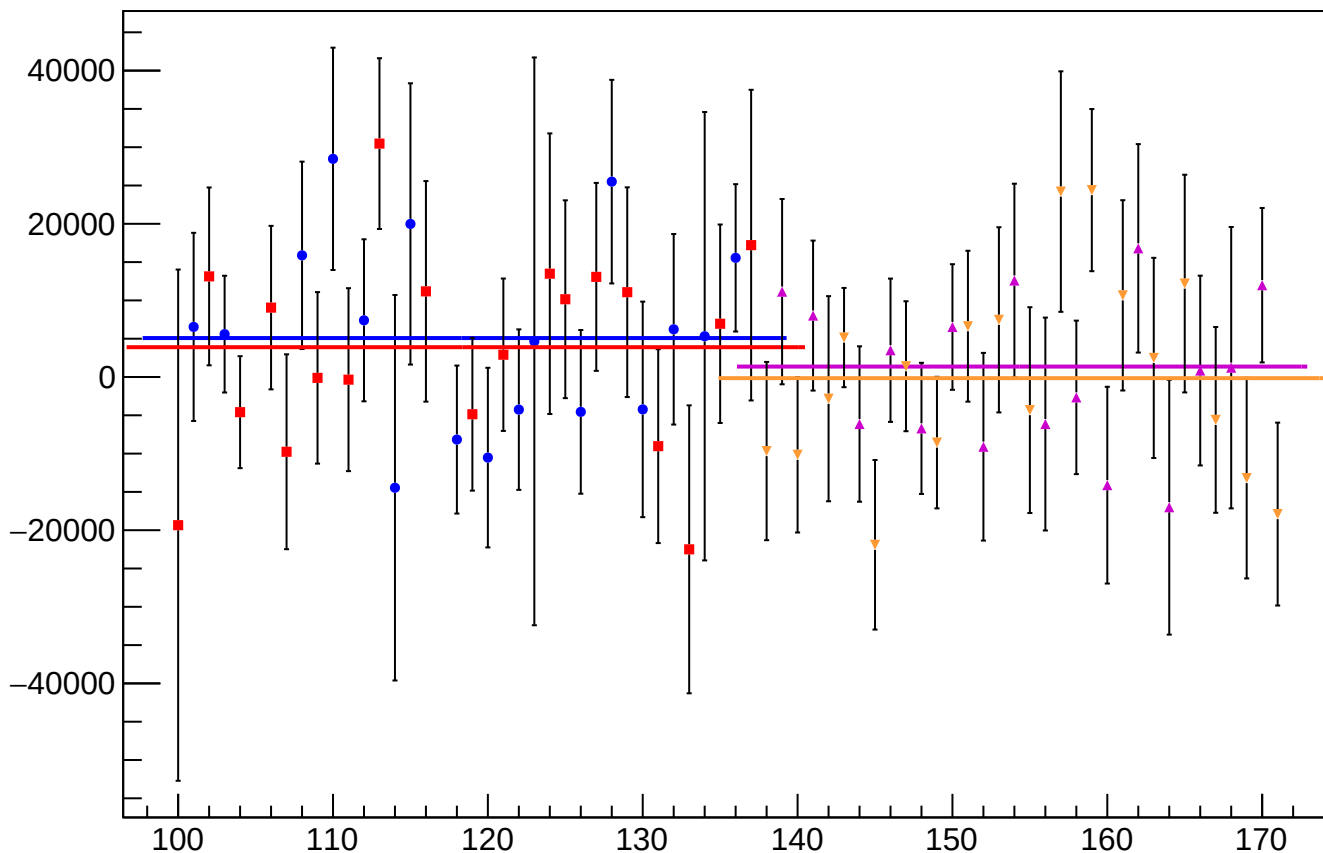
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8385.224+/-1.392 χ^2/NDF : 2126273.6/32

Out: 7158.500+/-1.196 χ^2/NDF : 5190193.6/36

All: 7679.327+/-0.907 χ^2/NDF : 7763400.8/69

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628 $\pm$ 2955.245 χ^2/NDF : 14.0/16

Left Out: -151.028 $\pm$ 2542.254 χ^2/NDF : 20.9/17

Right Out: 3892.007 $\pm$ 2790.271 χ^2/NDF : 15.7/18

Left In: 1361.889 $\pm$ 2780.041 χ^2/NDF : 10.0/15

Left: 537.972 $\pm$ 1876.088 χ^2/NDF : 31.1/33

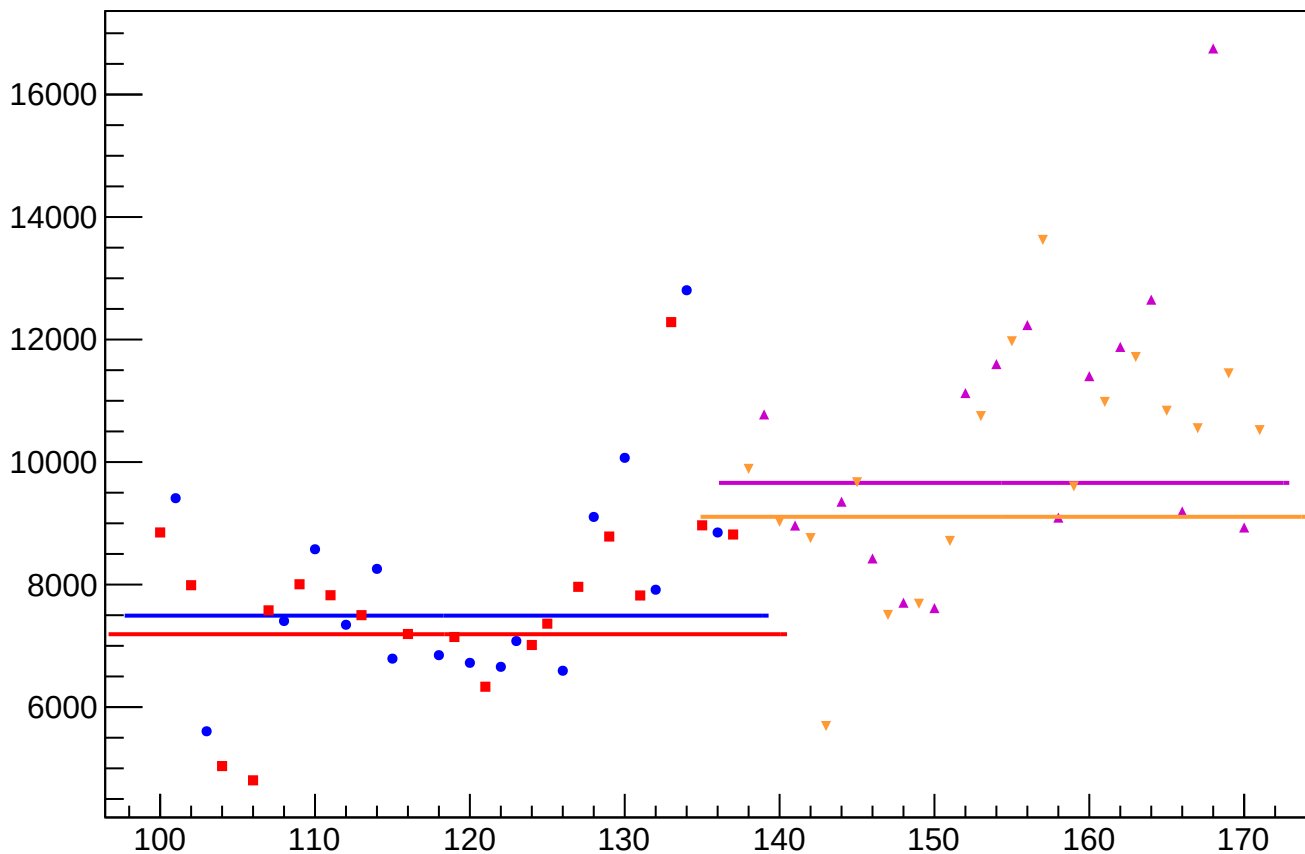
Right: 4454.101 $\pm$ 2028.836 χ^2/NDF : 29.7/35

In: 3109.641 $\pm$ 2024.893 χ^2/NDF : 24.8/32

Out: 1682.854 $\pm$ 1879.223 χ^2/NDF : 37.7/36

All: 2343.085 $\pm$ 1377.433 χ^2/NDF : 62.8/69

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9106.470 $\pm$ 1.798 χ^2 /NDF: 1274303.7/17

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

Left In: 9659.973 $\pm$ 1.966 χ^2 /NDF: 909477.1/15

Left: 9358.541 $\pm$ 1.327 χ^2 /NDF: 2226956.2/33

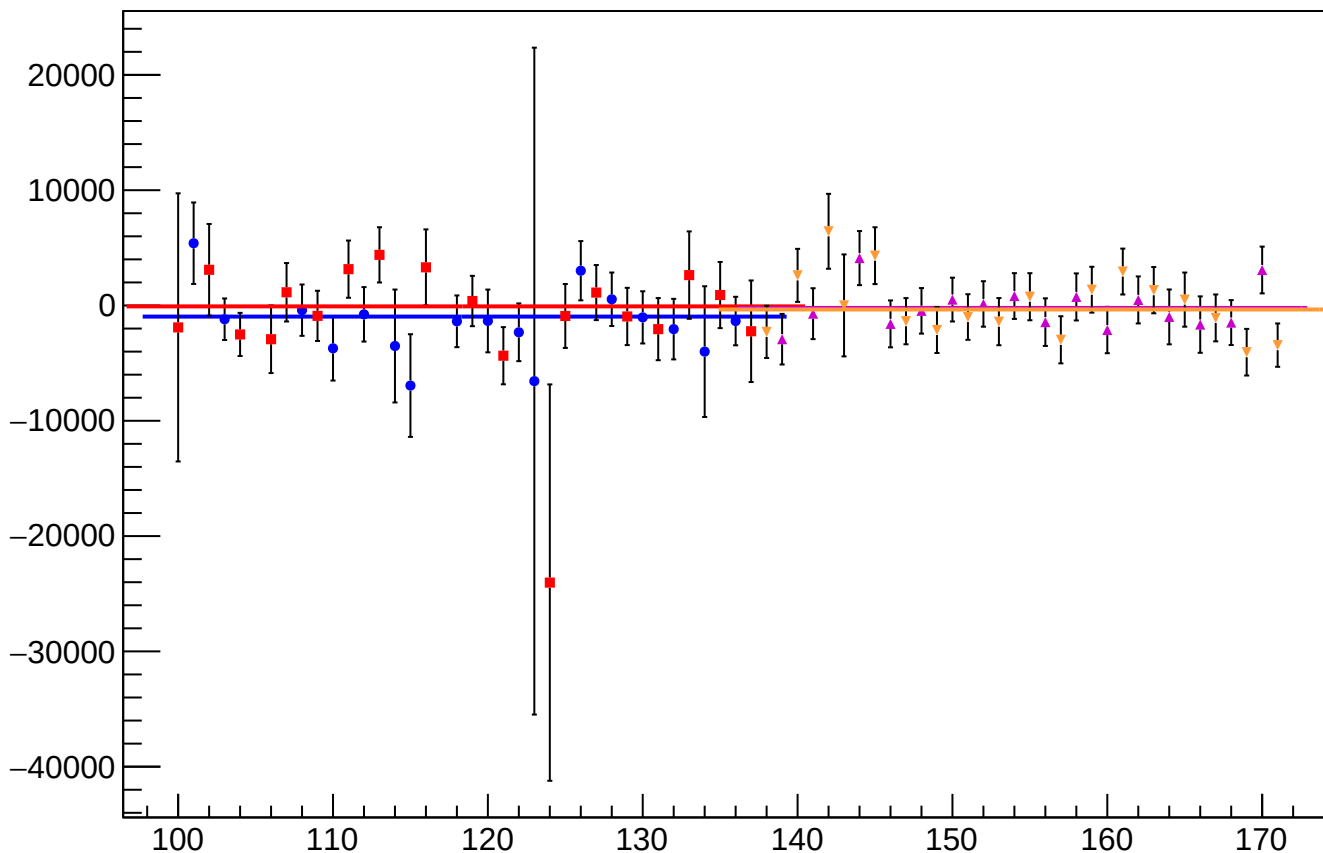
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8642.556 $\pm$ 1.432 χ^2 /NDF: 1917114.8/32

Out: 8236.831 $\pm$ 1.329 χ^2 /NDF: 2351073.4/36

All: 8424.567 $\pm$ 0.974 χ^2 /NDF: 4311330.5/69

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -344.830+/-508.121 χ^2/NDF : 24.2/17

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

Left In: -212.794+/-520.301 χ^2/NDF : 11.0/15

Left: -280.376+/-363.526 χ^2/NDF : 35.2/33

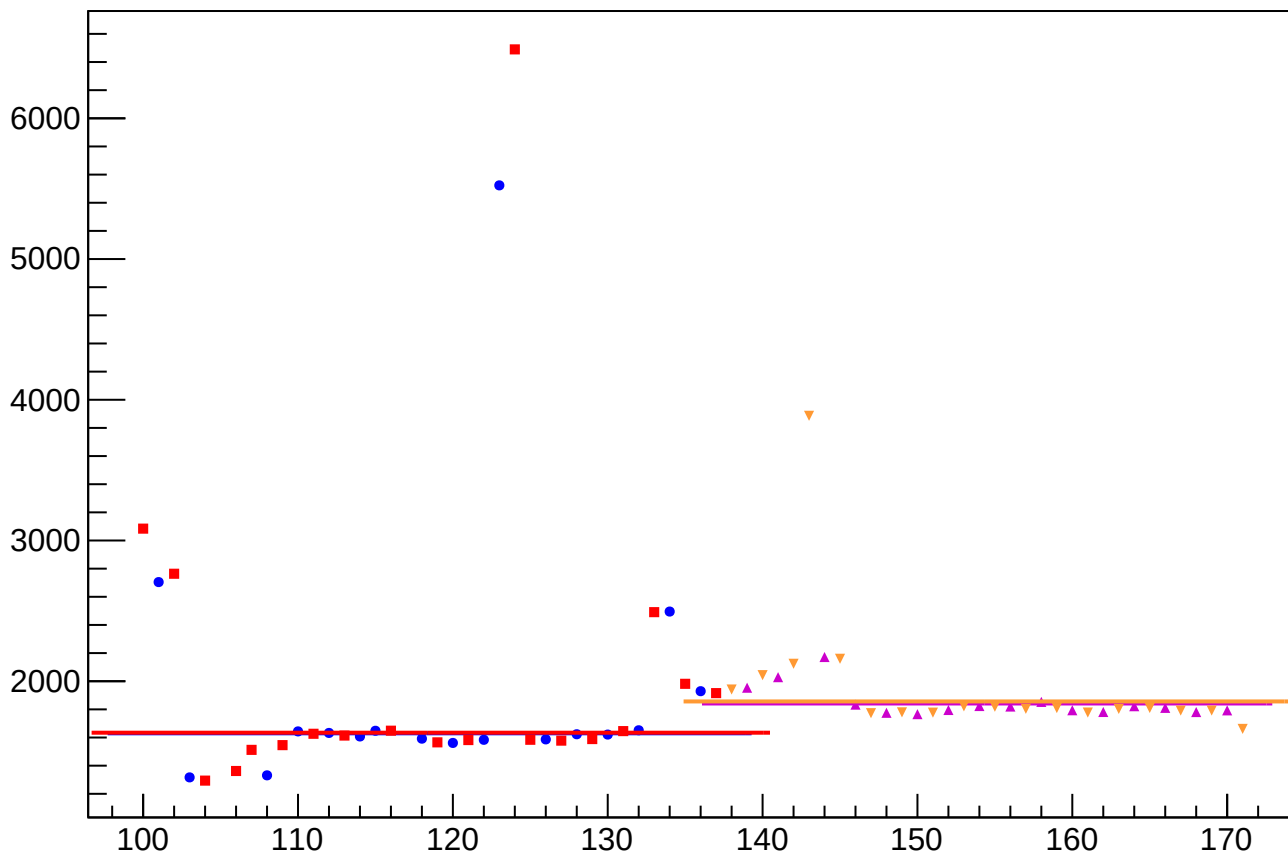
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -509.445+/-404.476 χ^2/NDF : 21.9/32

Out: -239.877+/-396.368 χ^2/NDF : 41.1/36

All: -371.932+/-283.098 χ^2/NDF : 63.2/69

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1856.394+/-0.359 χ^2/NDF : 525488.9/17

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

Left In: 1841.905+/-0.368 χ^2/NDF : 72705.9/15

Left: 1849.321+/-0.257 χ^2/NDF : 598988.6/33

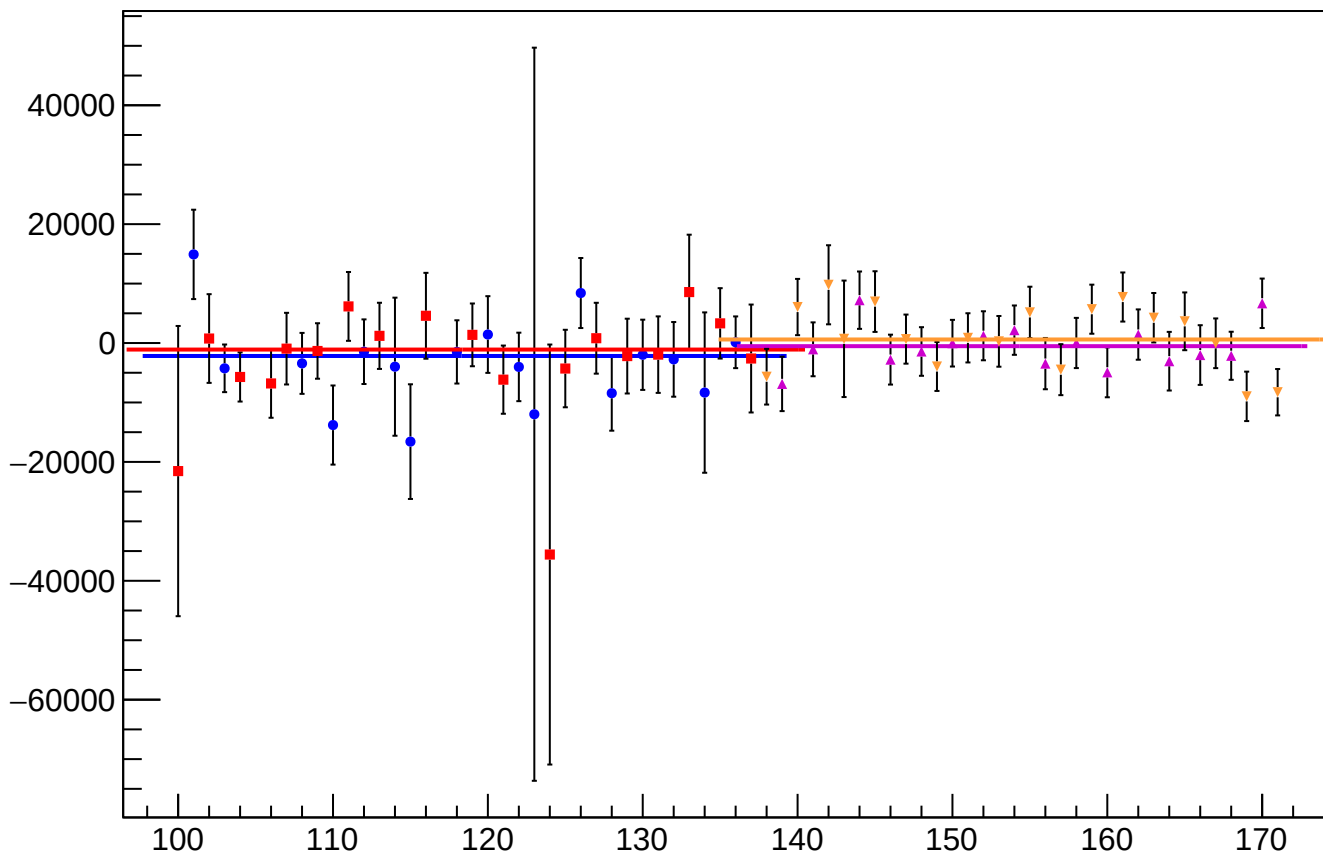
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1758.043+/-0.286 χ^2/NDF : 612175.0/32

Out: 1769.428+/-0.280 χ^2/NDF : 1263783.7/36

All: 1763.851+/-0.200 χ^2/NDF : 1876767.1/69

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 597.909+/-1054.689 χ^2/NDF : 26.5/17

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

Left In: -527.746+/-1078.479 χ^2/NDF : 10.8/15

Left: 47.634+/-754.048 χ^2/NDF : 37.8/33

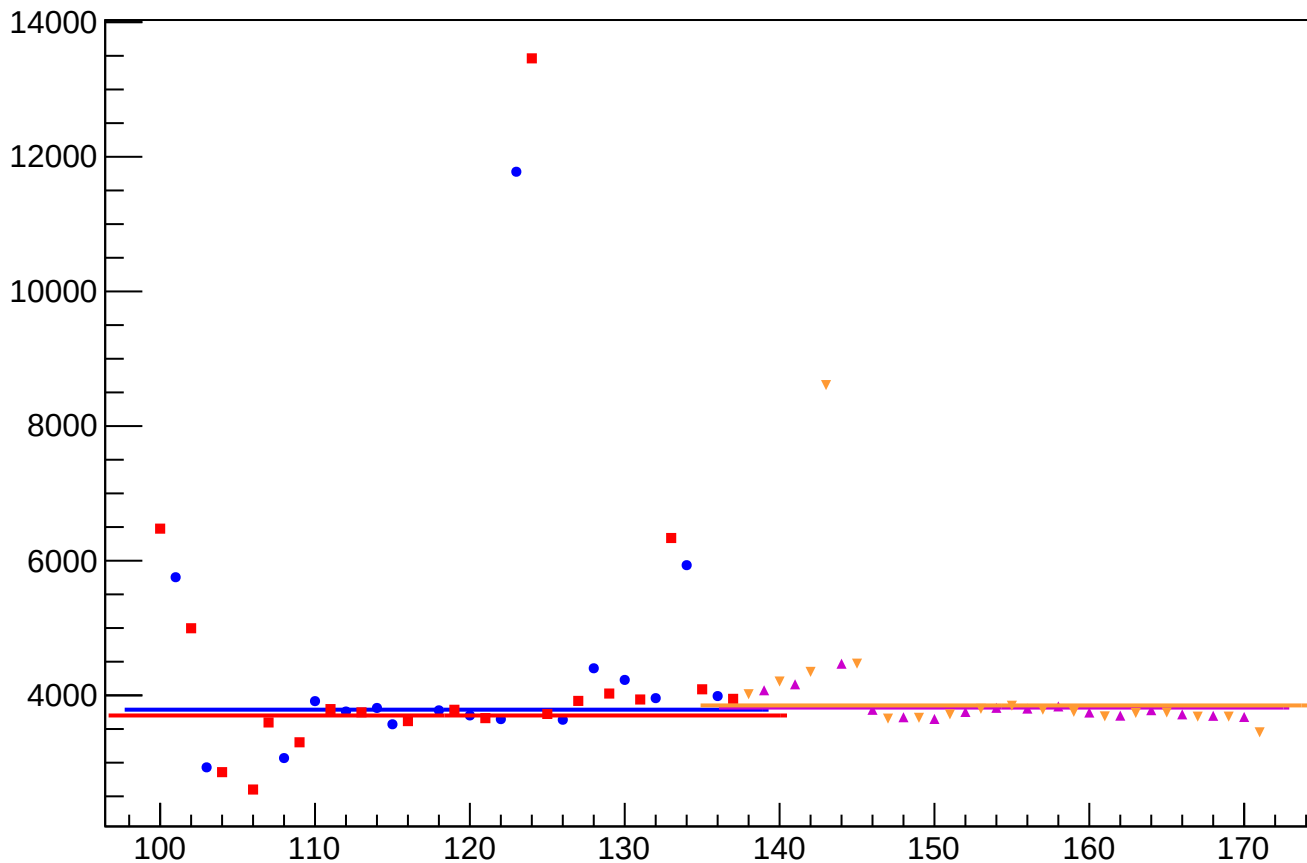
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1094.004+/-874.250 χ^2/NDF : 27.6/32

Out: 5.572+/-850.839 χ^2/NDF : 36.7/36

All: -529.296+/-609.742 χ^2/NDF : 65.1/69

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3850.291+/-0.746 χ^2/NDF : 571635.0/17

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

Left In: 3818.330+/-0.763 χ^2/NDF : 68482.4/15

Left: 3834.667+/-0.533 χ^2/NDF : 641015.3/33

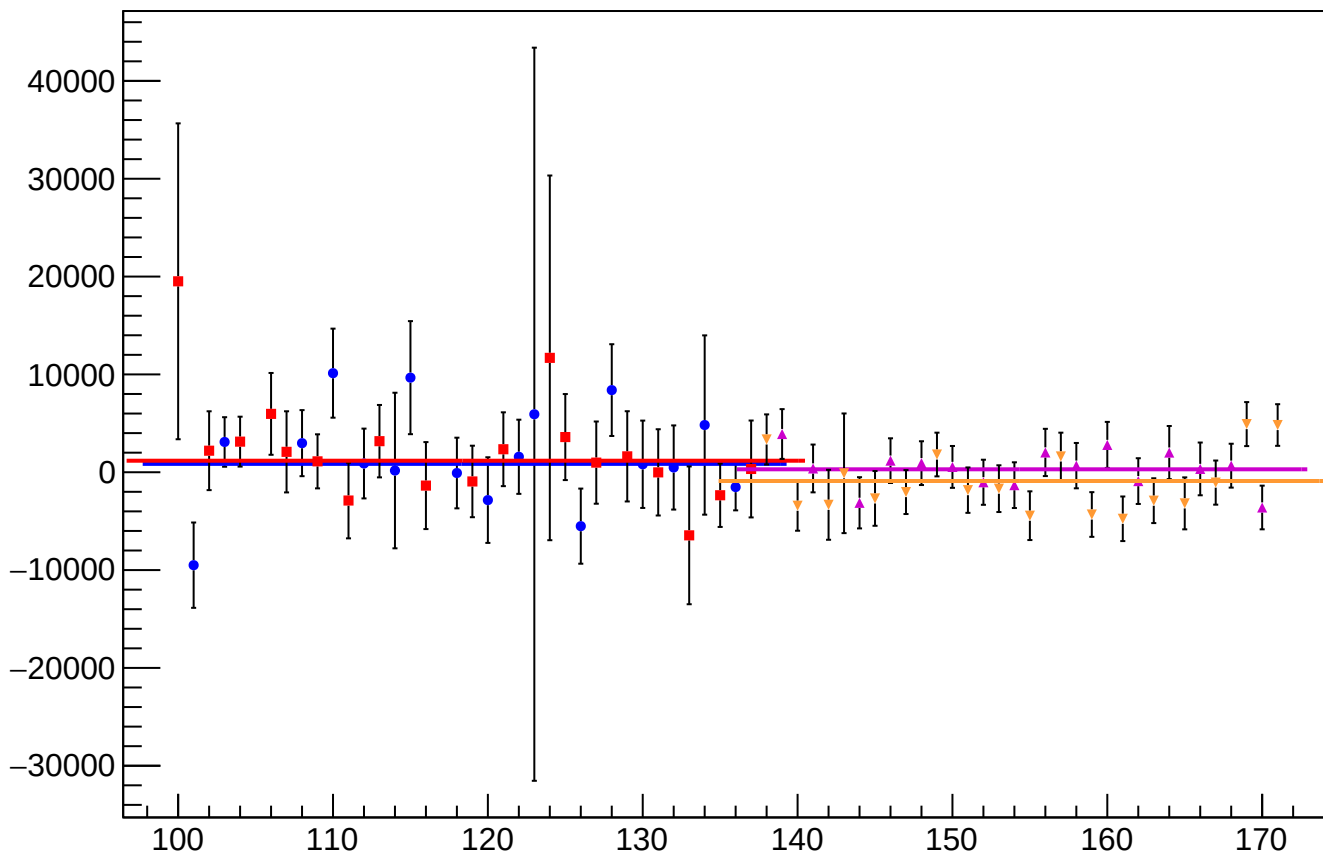
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3807.691+/-0.618 χ^2/NDF : 461700.8/32

Out: 3798.133+/-0.602 χ^2/NDF : 1166736.6/36

All: 3802.782+/-0.431 χ^2/NDF : 1628560.2/69

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -895.119 ± 581.178 χ^2/NDF : 30.3/17

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

Left In: 300.051 ± 592.982 χ^2/NDF : 10.2/15

Left: -309.548 ± 415.065 χ^2/NDF : 42.5/33

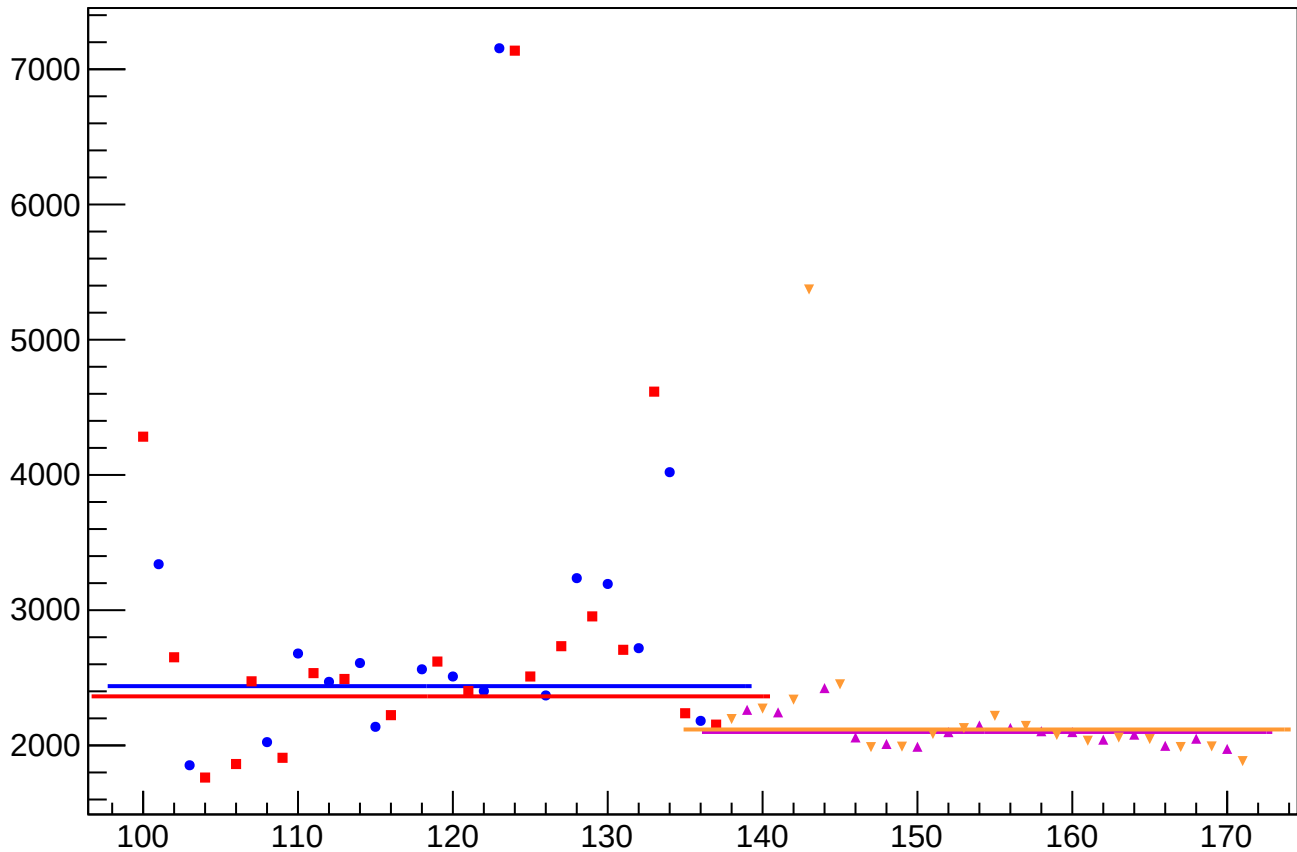
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 452.545 ± 505.183 χ^2/NDF : 31.1/32

Out: -308.957 ± 492.207 χ^2/NDF : 42.4/36

All: 61.889 ± 352.541 χ^2/NDF : 74.7/69

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 $\pm$ 0.682 χ^2/NDF : 476723.4/16

Left Out: 2117.791 $\pm$ 0.411 χ^2/NDF : 671611.4/17

Right Out: 2362.739 $\pm$ 0.655 χ^2/NDF : 657525.3/18

Left In: 2099.497 $\pm$ 0.419 χ^2/NDF : 67670.9/15

Left: 2108.828 $\pm$ 0.293 χ^2/NDF : 740253.3/33

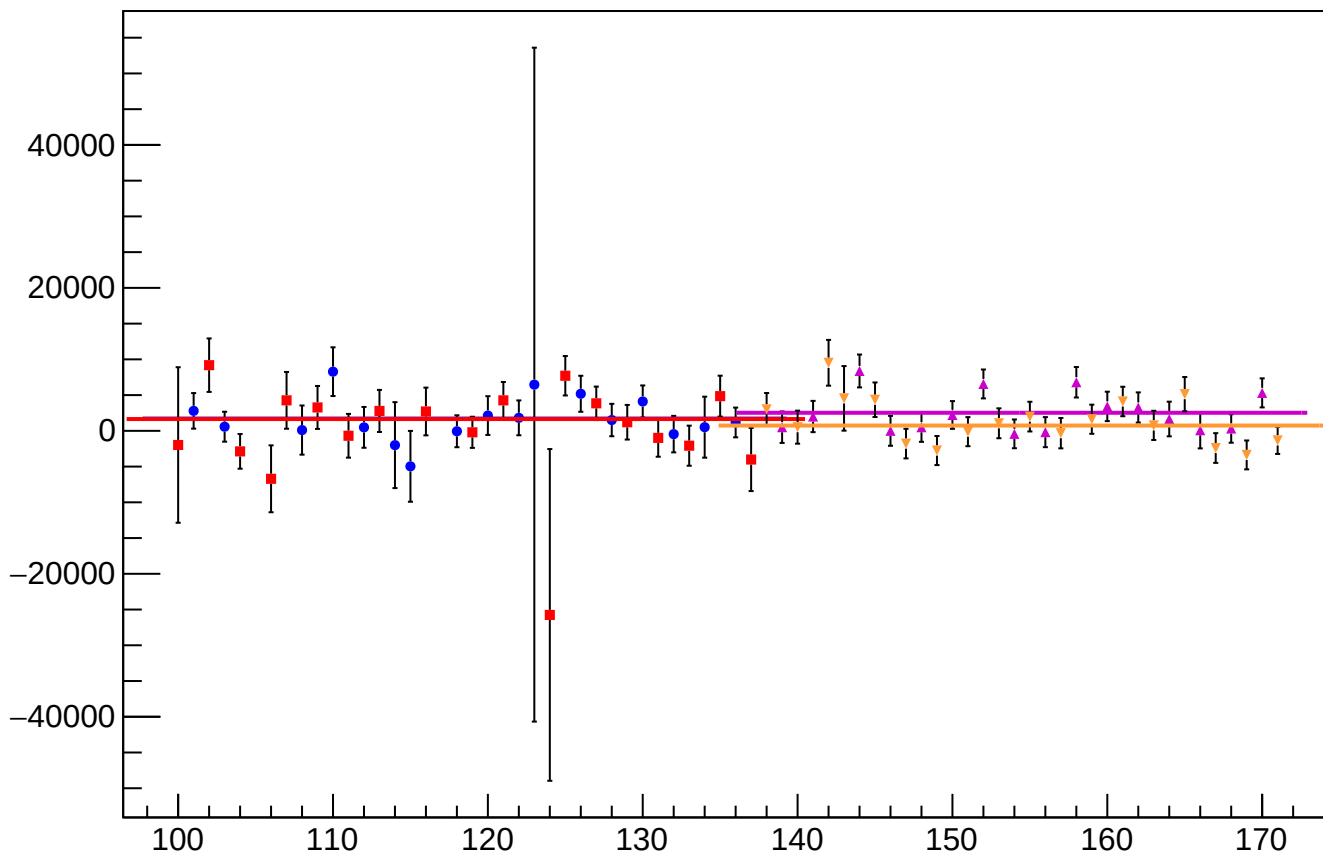
Right: 2398.946 $\pm$ 0.472 χ^2/NDF : 1140632.3/35

In: 2192.392 $\pm$ 0.357 χ^2/NDF : 723394.5/32

Out: 2187.048 $\pm$ 0.348 χ^2/NDF : 1429585.7/36

All: 2189.650 $\pm$ 0.249 χ^2/NDF : 2153095.0/69

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 741.027+/-516.911 χ^2/NDF : 30.6/17

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

Left In: 2526.293+/-530.311 χ^2/NDF : 26.1/15

Left: 1610.820+/-370.158 χ^2/NDF : 62.5/33

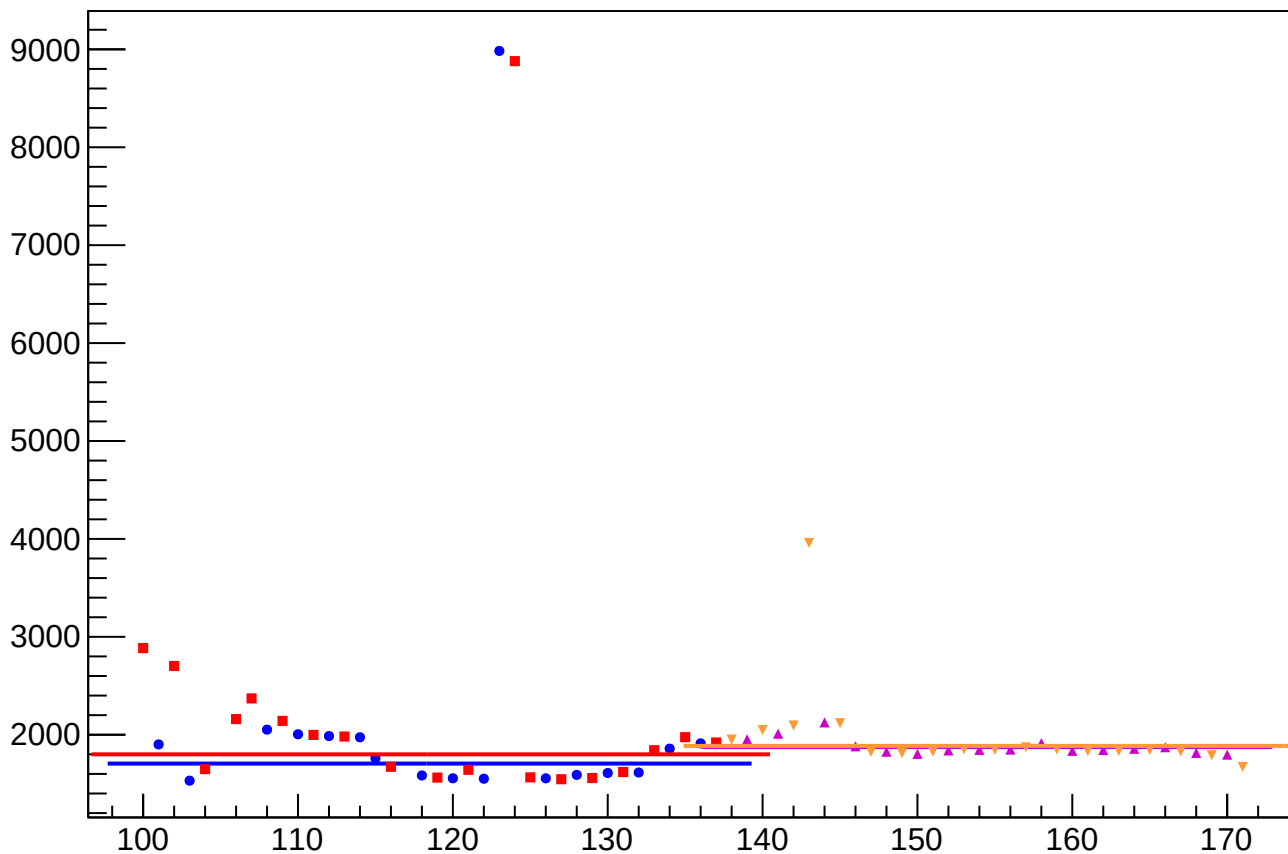
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2211.219+/-415.136 χ^2/NDF : 38.4/32

Out: 1065.381+/-414.616 χ^2/NDF : 58.6/36

All: 1637.582+/-293.361 χ^2/NDF : 100.8/69

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 ± 0.472 $\chi^2/\text{NDF}: 194174.2/16$

Left Out: 1886.231 ± 0.366 $\chi^2/\text{NDF}: 502118.4/17$

Right Out: 1799.992 ± 0.490 $\chi^2/\text{NDF}: 538779.9/18$

Left In: 1874.064 ± 0.375 $\chi^2/\text{NDF}: 46016.8/15$

Left: 1880.303 ± 0.262 $\chi^2/\text{NDF}: 548675.0/33$

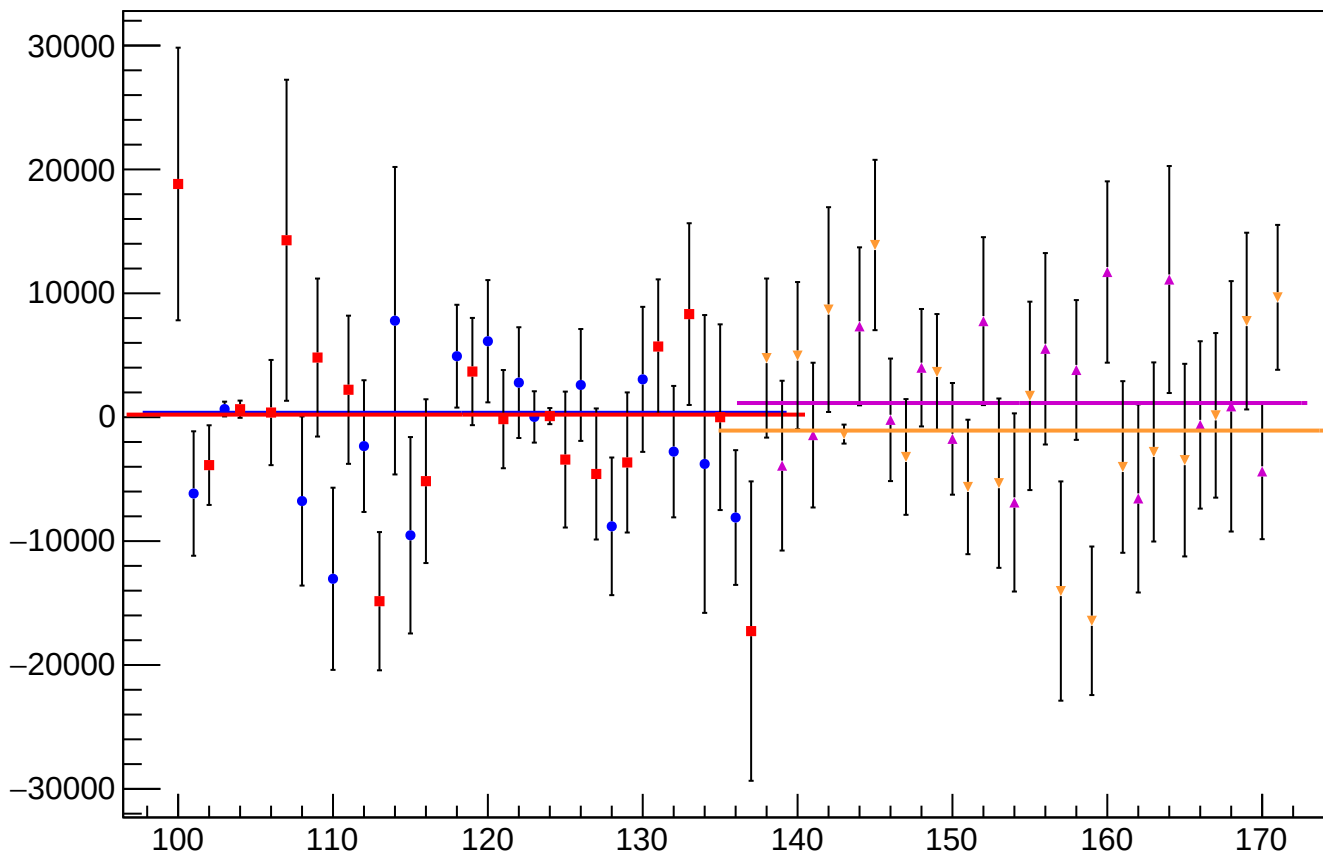
Right: 1751.031 ± 0.340 $\chi^2/\text{NDF}: 752208.6/35$

In: 1808.844 ± 0.294 $\chi^2/\text{NDF}: 318316.7/32$

Out: 1855.389 ± 0.293 $\chi^2/\text{NDF}: 1060807.1/36$

All: 1832.164 ± 0.207 $\chi^2/\text{NDF}: 1391720.2/69$

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1078.011 $\pm$ 685.979 χ^2 /NDF:24.6/17

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

Left In: 1146.509 $\pm$ 1557.662 χ^2 /NDF:10.7/15

Left: -716.661 $\pm$ 627.796 χ^2 /NDF: 37.0/33

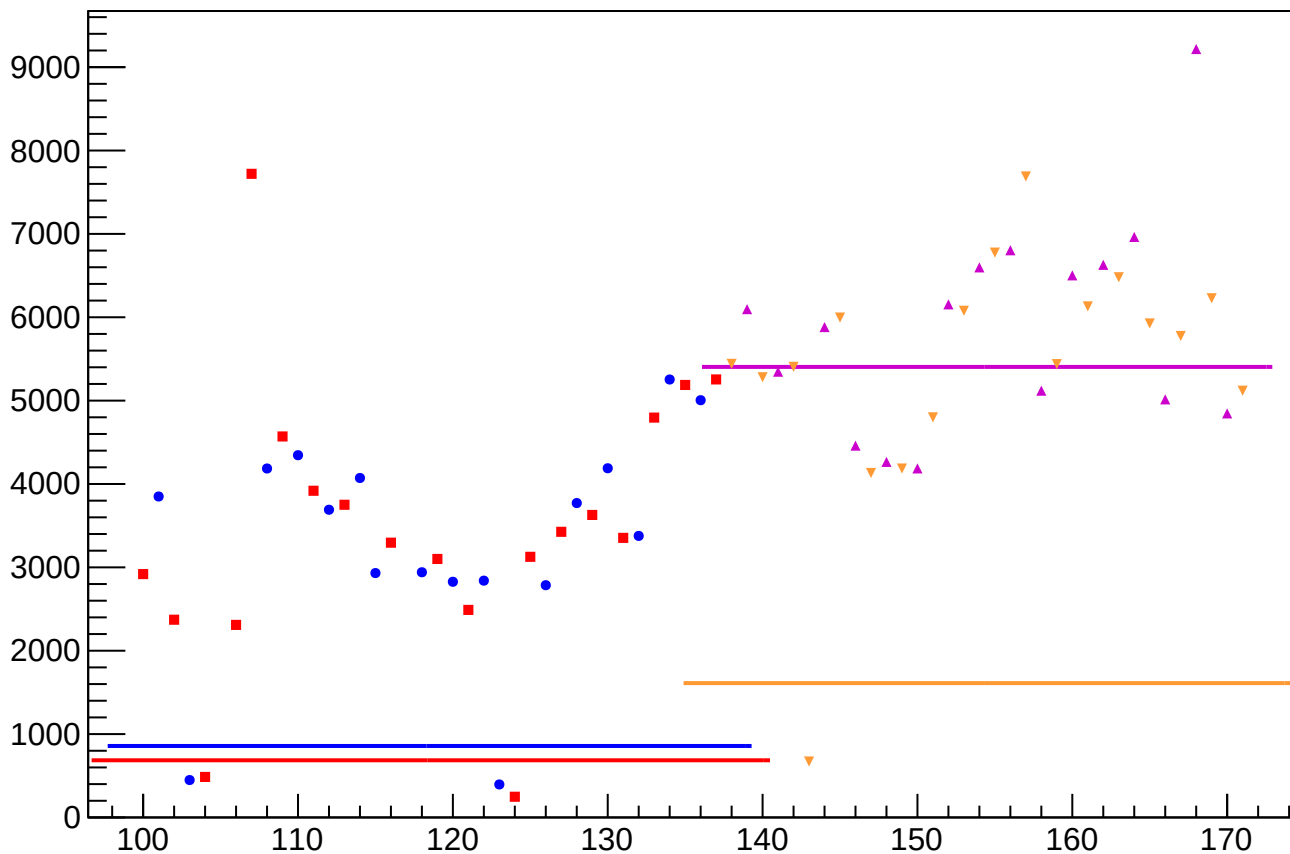
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 439.832 $\pm$ 504.471 χ^2 /NDF:28.4/32

Out: -173.513 $\pm$ 374.287 χ^2 /NDF:48.4/36

All: 44.246 $\pm$ 300.588 χ^2 /NDF: 77.8/69

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1611.513 $\pm$ 0.485 χ^2 /NDF: 15854453.3/17

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

Left In: 5404.415 $\pm$ 1.101 χ^2 /NDF: 983630.9/15

Left: 2227.629 $\pm$ 0.444 χ^2 /NDF: 26770225.2/33

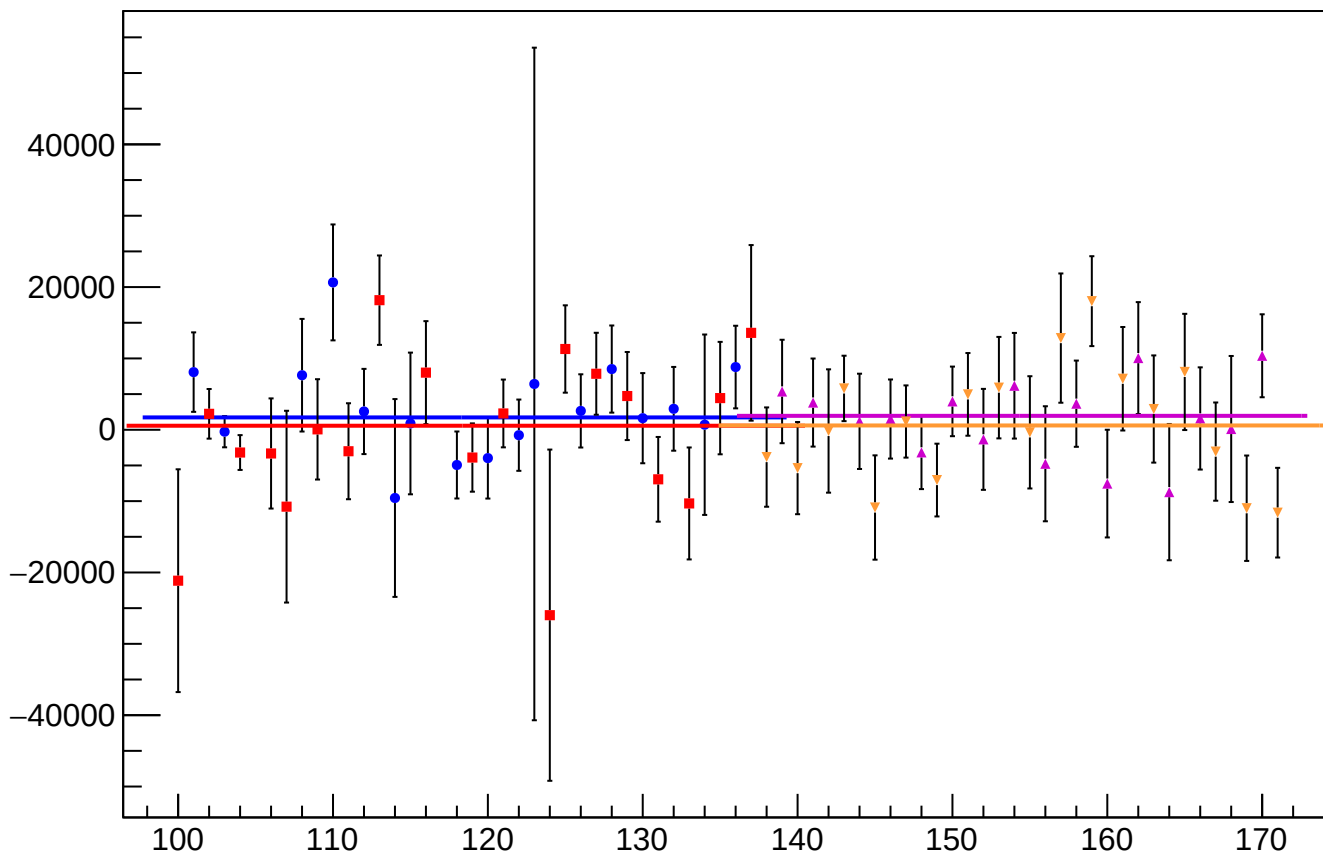
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1334.391 $\pm$ 0.357 χ^2 /NDF: 24413453.9/32

Out: 961.390 $\pm$ 0.265 χ^2 /NDF: 27873445.9/36

All: 1093.819 $\pm$ 0.213 χ^2 /NDF: 52992102.4/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 605.381+/-1540.343 χ^2/NDF : 26.2/17

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

Left In: 1954.074+/-1656.472 χ^2/NDF : 8.8/15

Left: 1230.798+/-1128.009 χ^2/NDF : 35.4/33

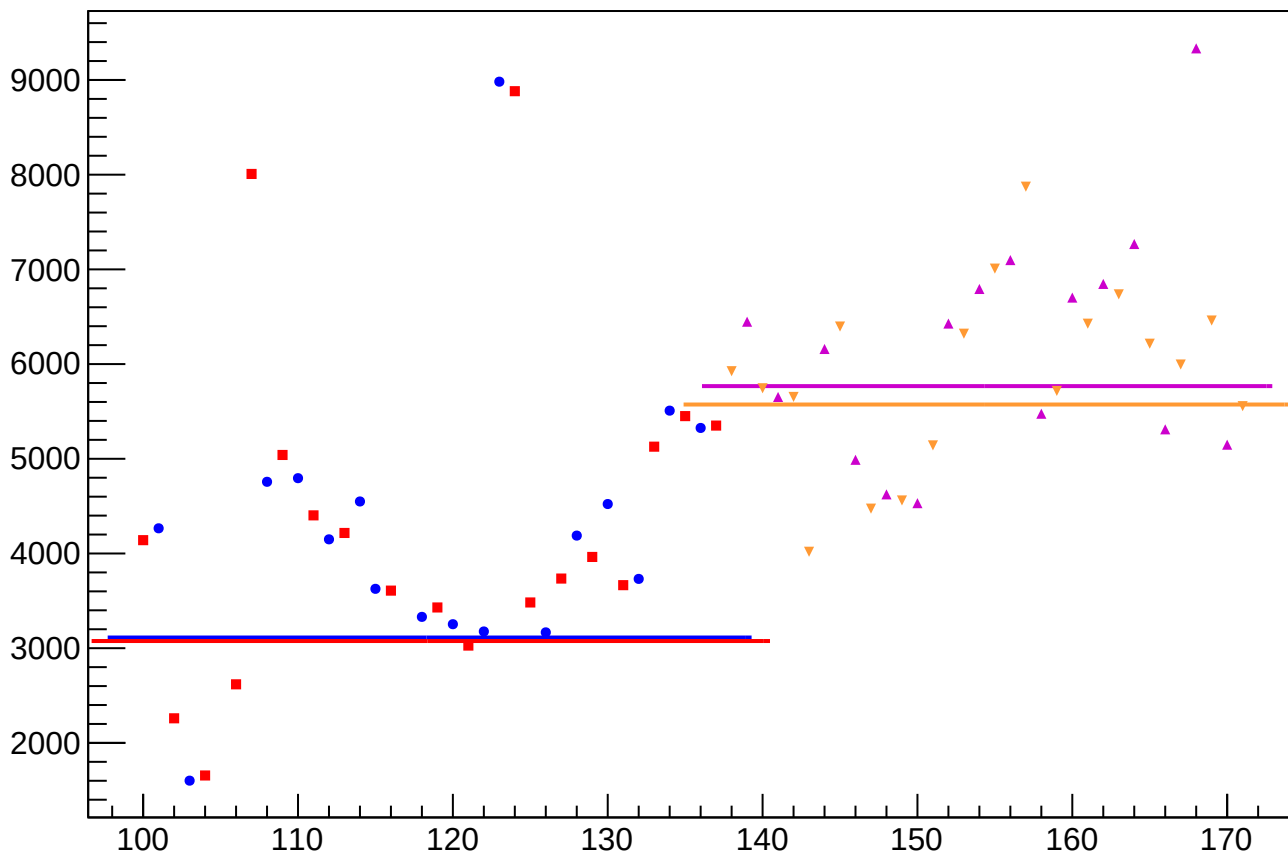
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1817.801+/-1024.906 χ^2/NDF : 23.8/32

Out: 582.817+/-987.322 χ^2/NDF : 53.3/36

All: 1177.251+/-711.058 χ^2/NDF : 77.8/69

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5573.036 $\pm$ 1.089 χ^2 /NDF: 789688.0/17

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

Left In: 5767.374 $\pm$ 1.171 χ^2 /NDF: 798168.6/15

Left: 5663.155 $\pm$ 0.798 χ^2 /NDF: 1602619.4/33

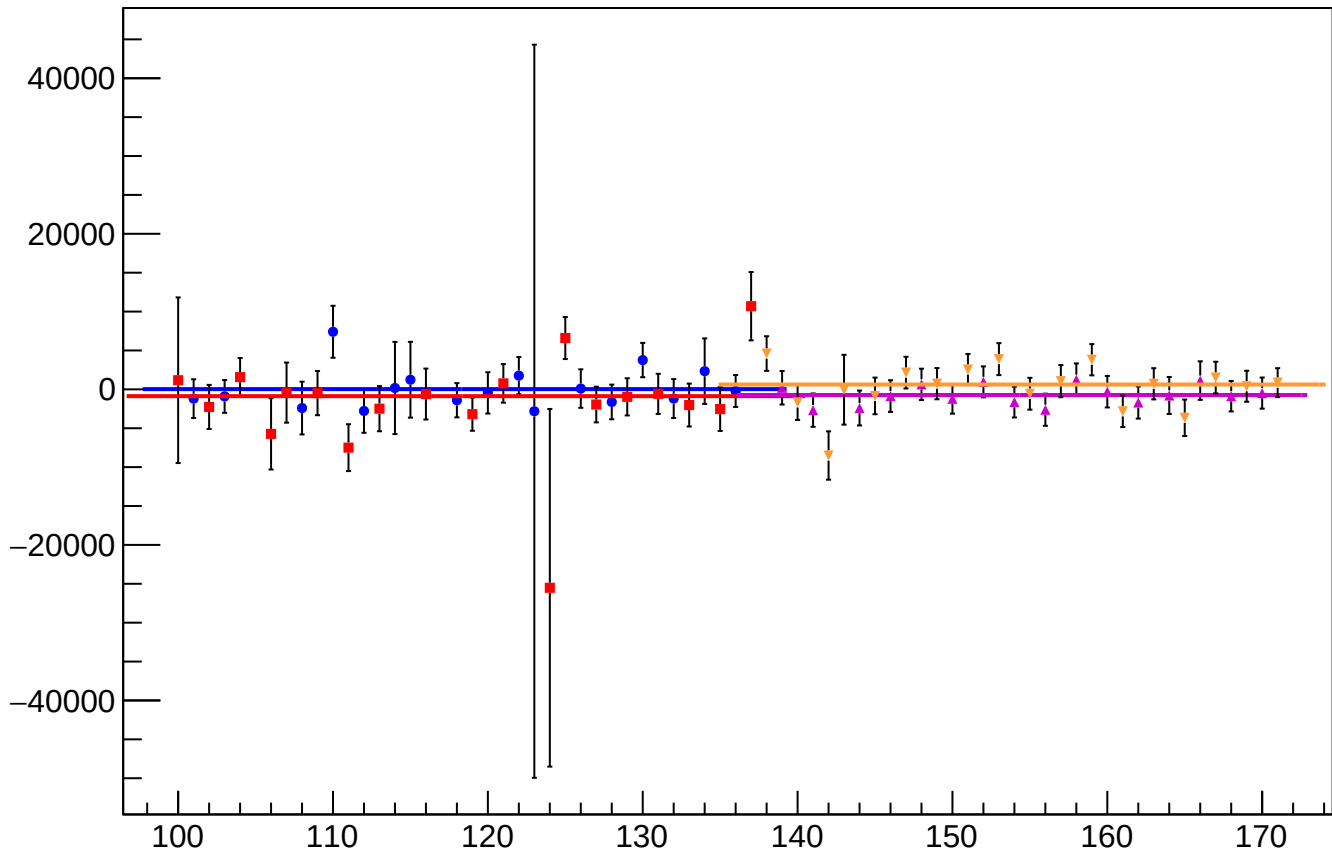
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 4128.959 $\pm$ 0.725 χ^2 /NDF: 5852972.3/32

Out: 4084.144 $\pm$ 0.692 χ^2 /NDF: 5934946.7/36

All: 4105.522 $\pm$ 0.501 χ^2 /NDF: 11789918.8/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 621.689 ± 507.178 χ^2/NDF : 26.7/17

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

Left In: -725.745 ± 520.434 χ^2/NDF : 5.6/15

Left: -34.650 ± 363.225 χ^2/NDF : 35.7/33

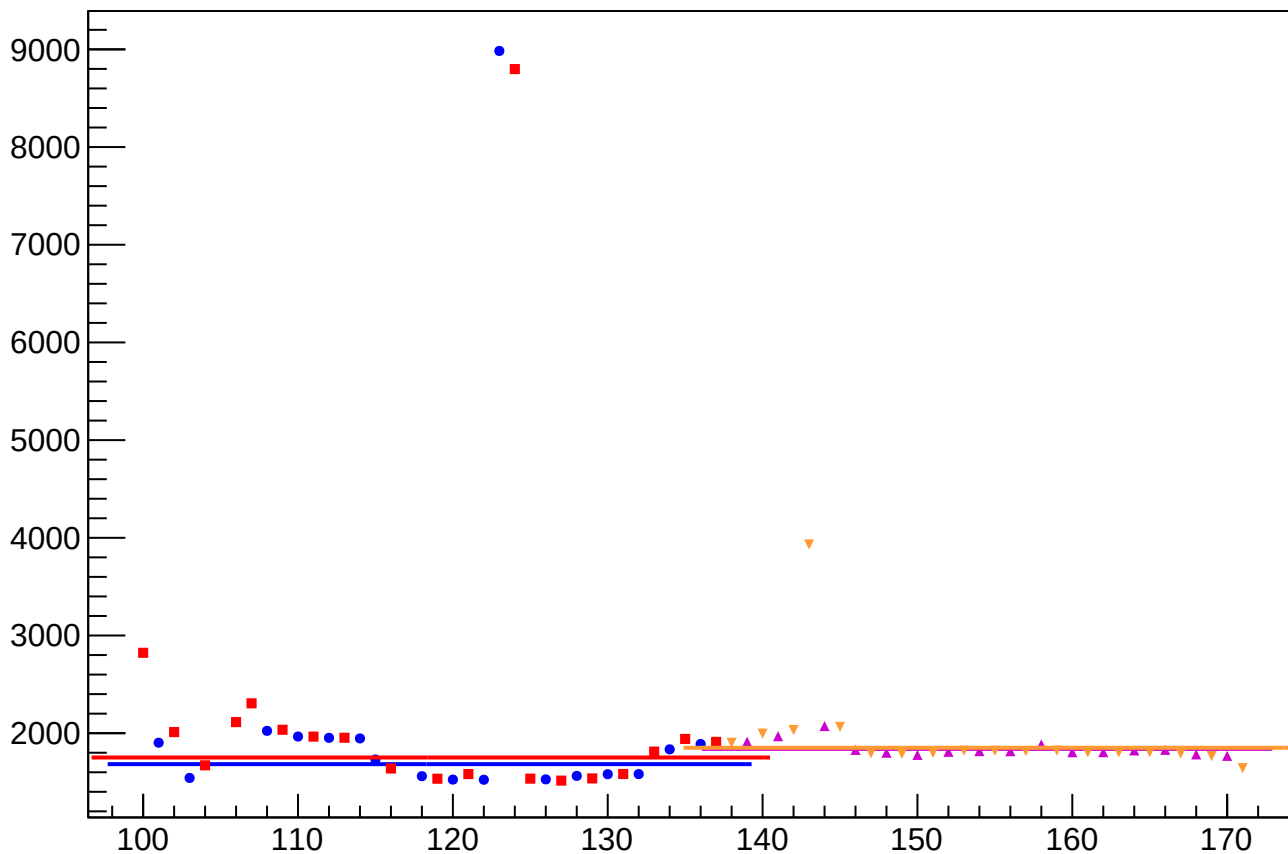
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -435.474 ± 408.286 χ^2/NDF : 18.2/32

Out: 80.039 ± 405.100 χ^2/NDF : 55.5/36

All: -175.698 ± 287.569 χ^2/NDF : 74.5/69

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1850.805+/-0.359 χ^2/NDF :502980.3/17

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

Left In: 1839.431+/-0.368 χ^2/NDF :41594.2/15

Left: 1845.265 ± 0.257 χ^2/NDF : 545064.4/33

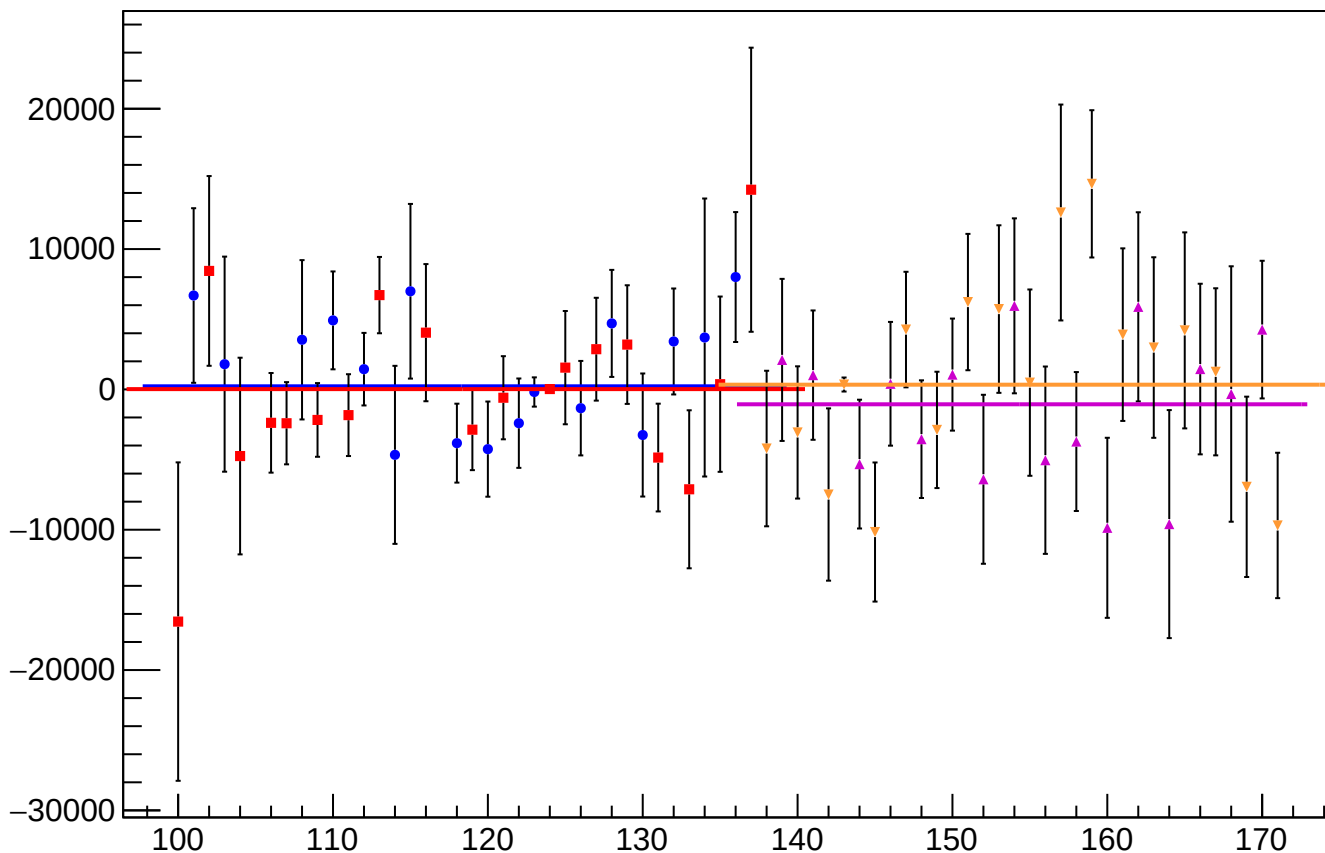
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1779.324+/-0.289 χ^2/NDF :306826.3/32

Out: 1814.602+/-0.286 χ^2/NDF :958118.9/36

All: 1797.116+/-0.203 χ^2/NDF : 1272475.5/69

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 335.704 $\pm$ 467.239 χ^2 /NDF:27.0/17

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

Left In: -1061.051 $\pm$ 1343.143 χ^2 /NDF:10.2/15

Left: 184.924 $\pm$ 441.299 χ^2 /NDF: 38.1/33

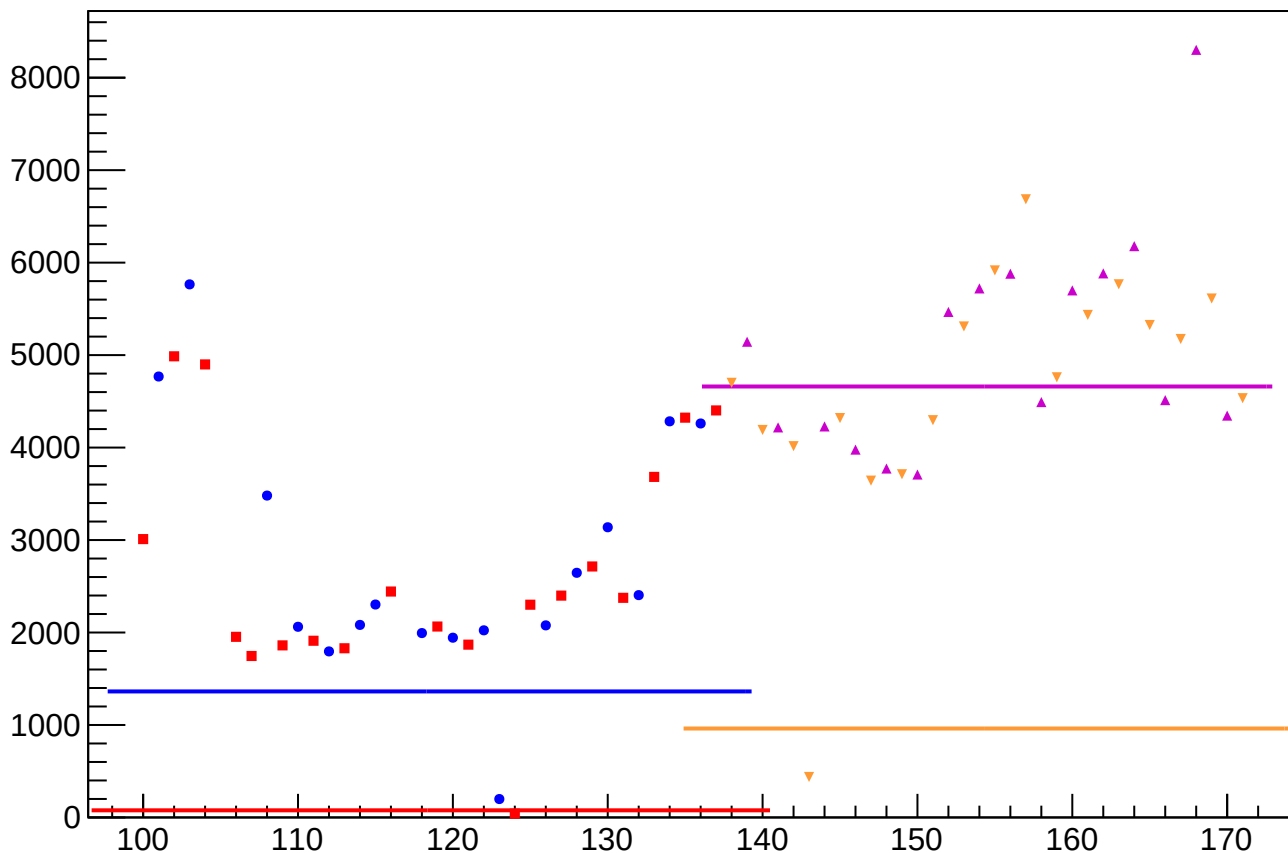
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: -66.662 $\pm$ 635.202 χ^2 /NDF:26.7/32

Out: 38.029 $\pm$ 110.870 χ^2 /NDF:48.1/36

All: 34.934 $\pm$ 109.219 χ^2 /NDF: 74.9/69

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 961.802 $\pm$ 0.330 χ^2 /NDF: 18415626.7/17

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

Left In: 4660.491 $\pm$ 0.950 χ^2 /NDF: 981765.7/15

Left: 1361.075 $\pm$ 0.312 χ^2 /NDF: 32926532.0/33

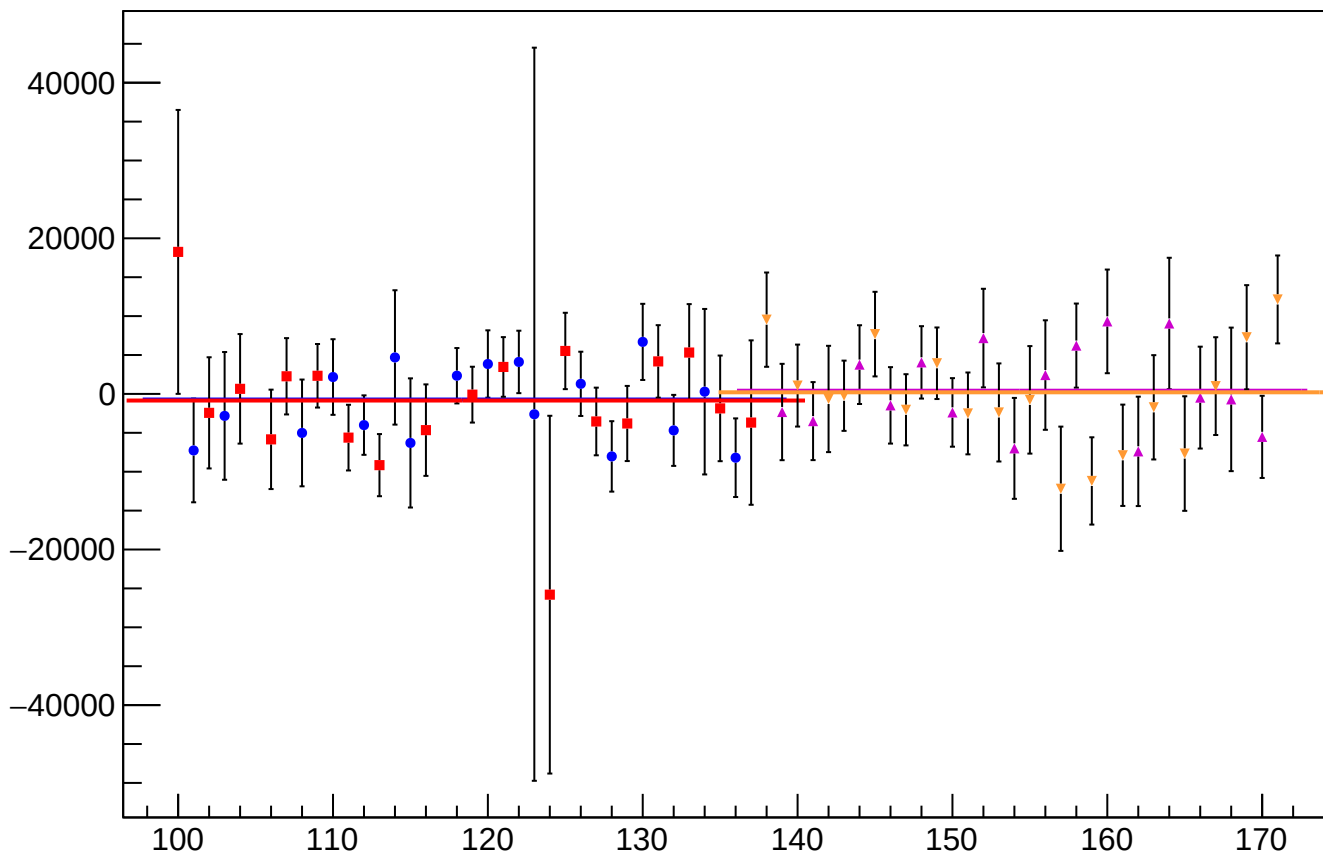
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2100.377 $\pm$ 0.449 χ^2 /NDF: 16577033.0/32

Out: 126.941 $\pm$ 0.078 χ^2 /NDF: 38429956.7/36

All: 185.284 $\pm$ 0.077 χ^2 /NDF: 73740532.1/69

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 207.381+/-1366.397 χ^2/NDF : 20.6/17

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

Left In: 409.923+/-1451.251 χ^2/NDF : 11.4/15

Left: 302.558+/-994.835 χ^2/NDF : 32.0/33

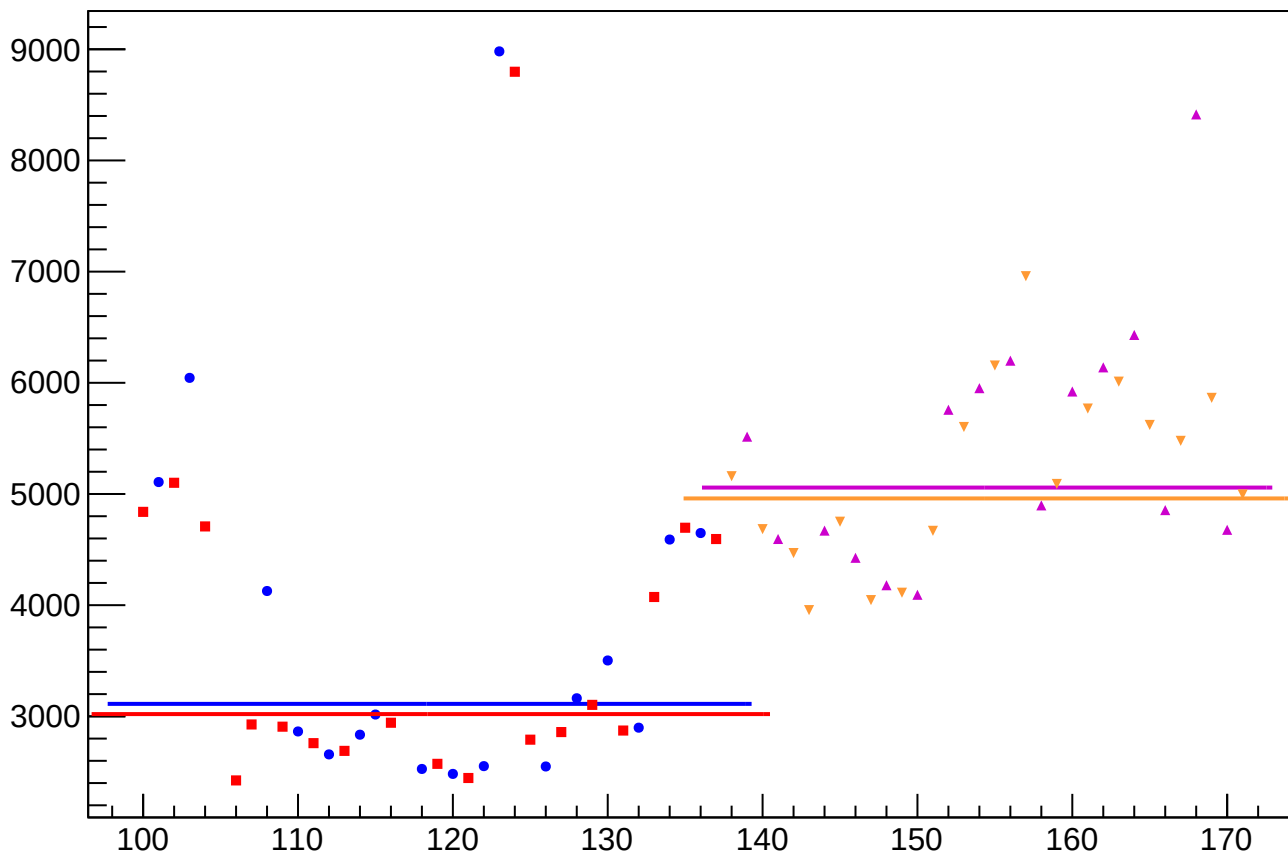
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -238.494+/-948.205 χ^2/NDF : 26.5/32

Out: -393.006+/-898.202 χ^2/NDF : 36.9/36

All: -319.931+/-652.086 χ^2/NDF : 63.5/69

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4960.045 $\pm$ 0.966 χ^2/NDF : 627332.7/17

Right Out: 3020.363 $\pm$ 0.832 χ^2/NDF : 794218.3/18

Left In: 5057.680 $\pm$ 1.026 χ^2/NDF : 767308.4/15

Left: 5005.925 $\pm$ 0.703 χ^2/NDF : 1399439.6/33

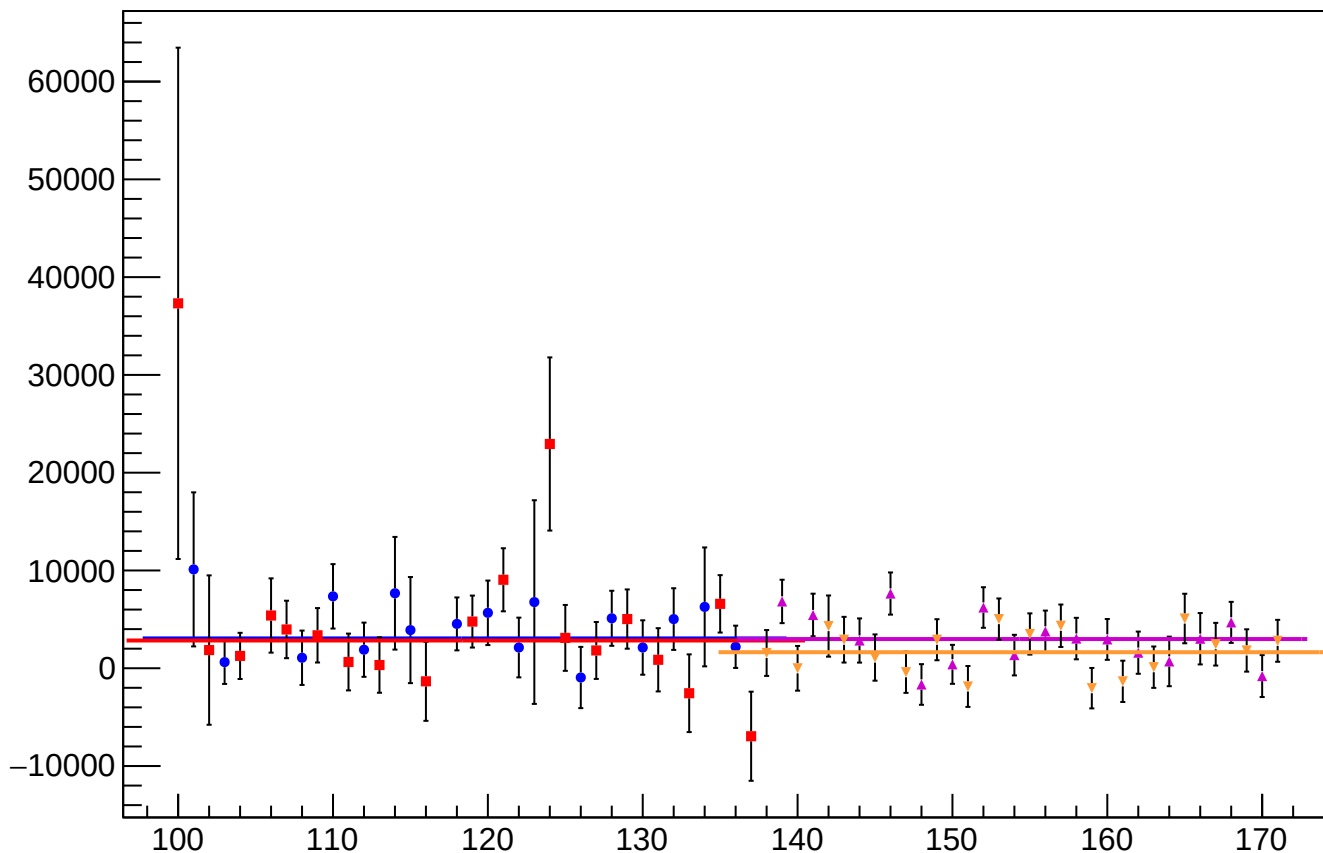
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 3942.726 $\pm$ 0.670 χ^2/NDF : 3785589.8/32

Out: 3846.595 $\pm$ 0.631 χ^2/NDF : 3735093.0/36

All: 3891.716 $\pm$ 0.459 χ^2/NDF : 7531590.7/69

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1639.246+/-522.976 χ^2/NDF :18.6/17

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

Left In: 2986.386+/-541.997 χ^2/NDF :23.8/15

Left: 2288.762+/-376.345 χ^2/NDF : 45.6/33

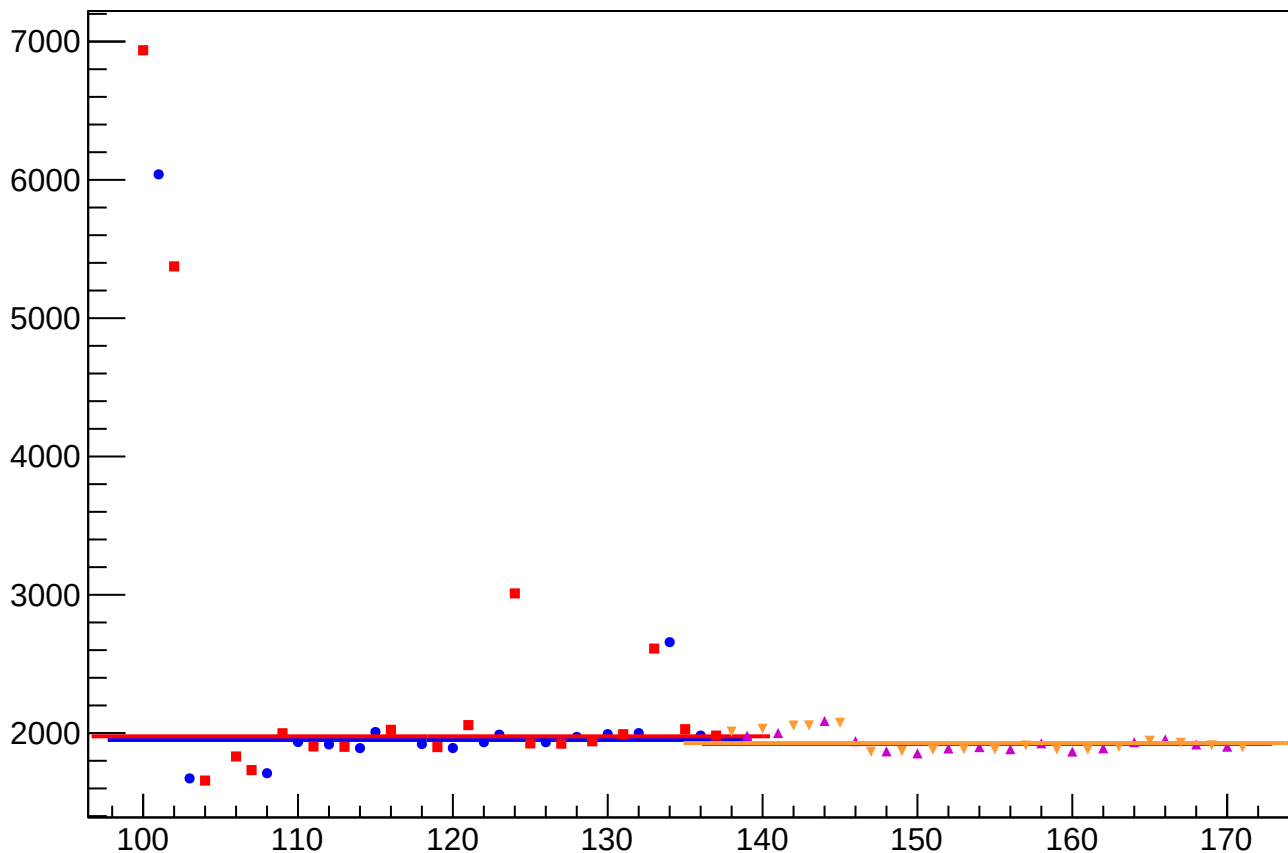
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3007.074+/-443.651 χ^2/NDF :33.1/32

Out: 2020.677+/-431.892 χ^2/NDF :44.0/36

All: 2500.630+/-309.467 χ^2/NDF : 79.7/69

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1928.277+/-0.370 χ^2/NDF : 32660.5/17

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

Left In: 1921.291+/-0.383 χ^2/NDF : 22467.3/15

Left: 1924.909+/-0.266 χ^2/NDF : 55299.9/33

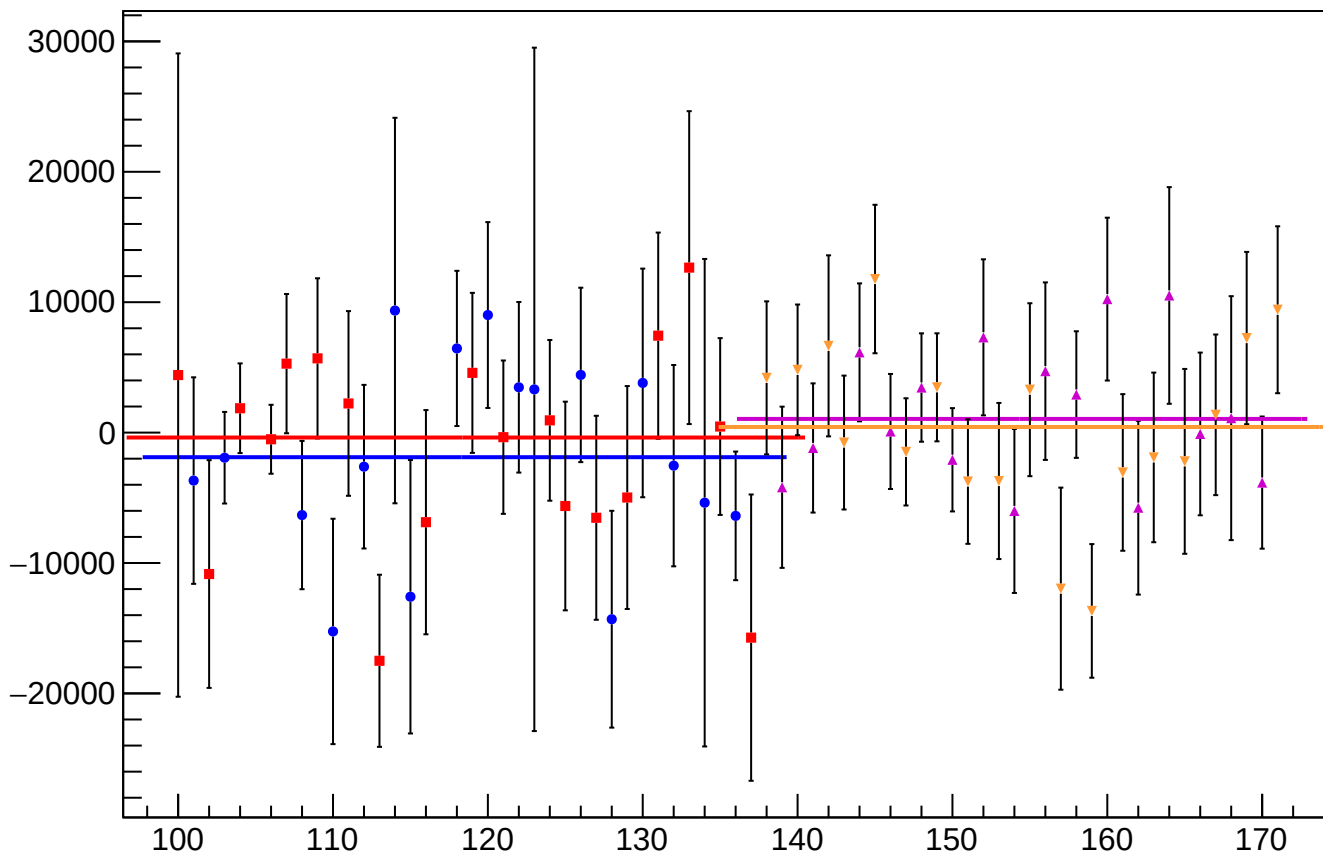
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1930.993+/-0.314 χ^2/NDF : 639574.5/32

Out: 1943.777+/-0.305 χ^2/NDF : 645887.2/36

All: 1937.558+/-0.219 χ^2/NDF : 1286314.6/69

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Left: 729.400+/-952.660 χ^2/NDF : 33.2/33

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

In: -142.944+/-1056.731 χ^2/NDF : 27.1/32

Out: 37.800+/-948.693 χ^2/NDF : 39.8/36

All: -42.863+/-705.943 χ^2/NDF : 66.9/69

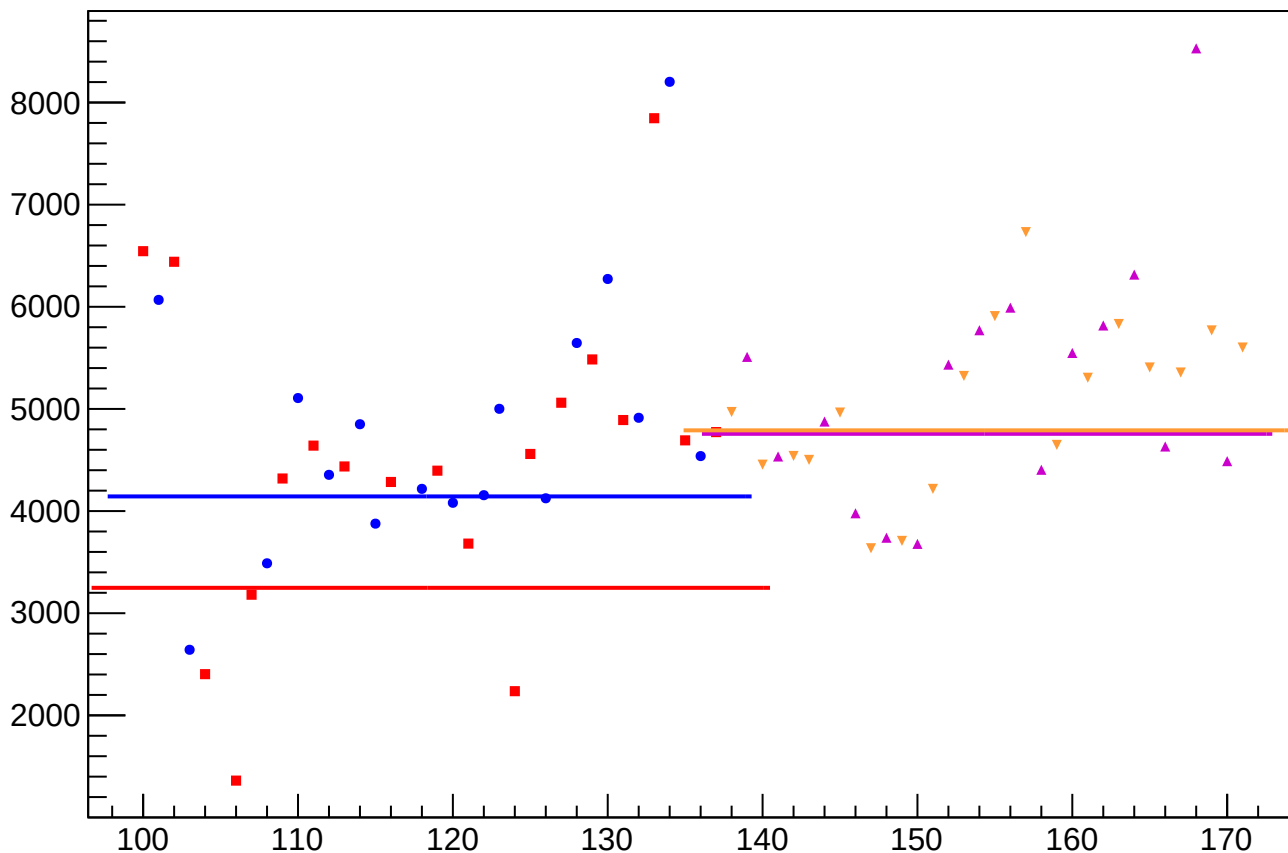
Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: 431.250+/-1324.386 χ^2/NDF : 22.0/17

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

Left In: 1049.080+/-1371.371 χ^2/NDF : 11.1/15

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4790.314+/-0.936 χ^2/NDF : 718421.6/17

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

Left In: 4756.392+/-0.970 χ^2/NDF : 1004051.7/15

Left: 4773.944+/-0.674 χ^2/NDF : 1723106.5/33

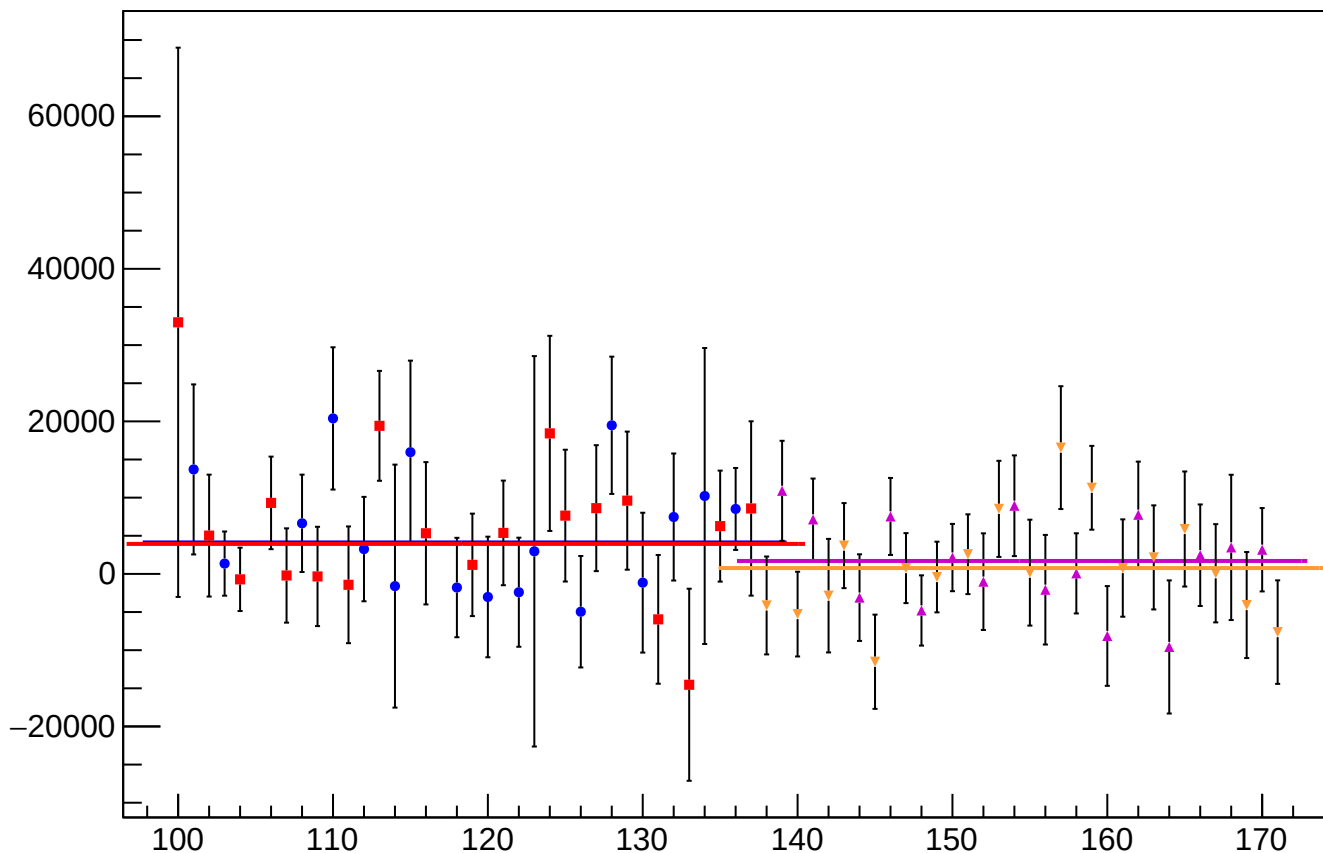
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4507.408+/-0.747 χ^2/NDF : 2022313.3/32

Out: 4039.706+/-0.671 χ^2/NDF : 4655693.3/36

All: 4248.434+/-0.499 χ^2/NDF : 6894940.8/69

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 767.565 $\pm$ 1431.044 χ^2 /NDF: 18.0/17

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

Left In: 1698.306 $\pm$ 1483.404 χ^2 /NDF: 13.6/15

Left: 1216.220 $\pm$ 1029.914 χ^2 /NDF: 31.8/33

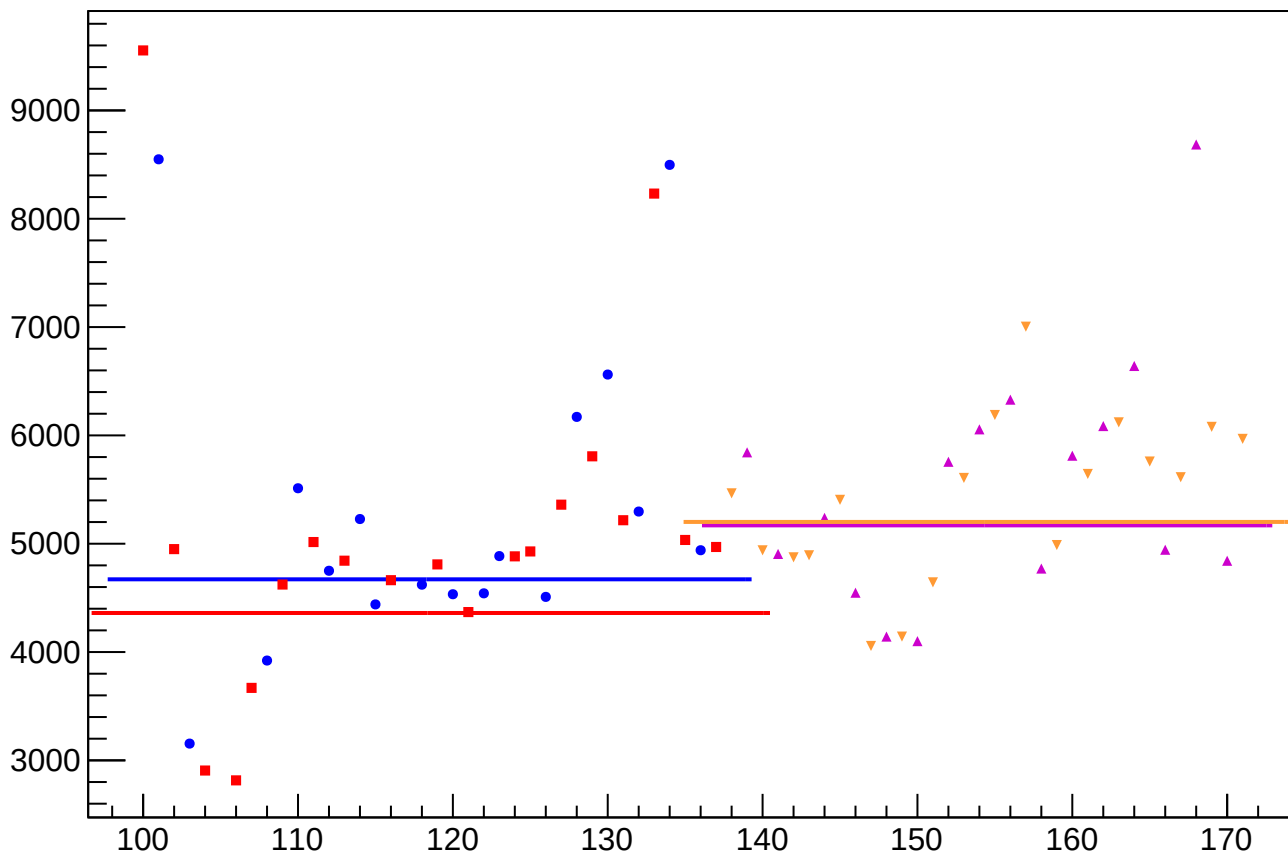
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 2640.476 $\pm$ 1160.482 χ^2 /NDF: 28.3/32

Out: 2057.688 $\pm$ 1101.513 χ^2 /NDF: 34.9/36

All: 2333.899 $\pm$ 798.921 χ^2 /NDF: 63.4/69

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5201.199+/-1.012 χ^2/NDF : 546109.5/17

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

Left In: 5169.390+/-1.049 χ^2/NDF : 783086.9/15

Left: 5185.866+/-0.728 χ^2/NDF : 1329672.8/33

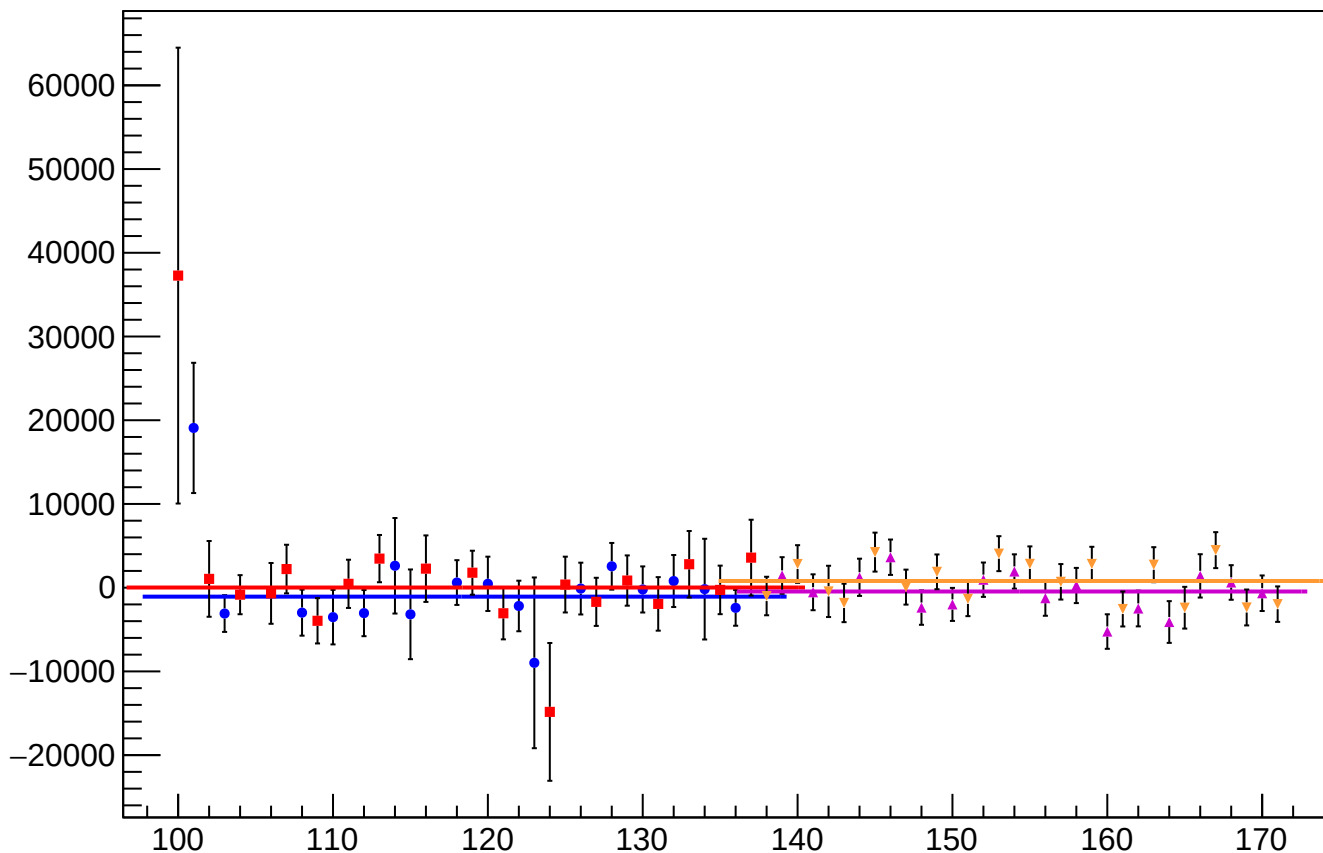
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4976.143+/-0.821 χ^2/NDF : 1656680.1/32

Out: 4856.256+/-0.777 χ^2/NDF : 1663435.0/36

All: 4912.934+/-0.564 χ^2/NDF : 3331368.9/69

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 798.880+/-515.703 χ^2/NDF : 22.8/17

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

Left In: -456.083+/-534.847 χ^2/NDF : 17.9/15

Left: 194.260+/-371.240 χ^2/NDF : 43.6/33

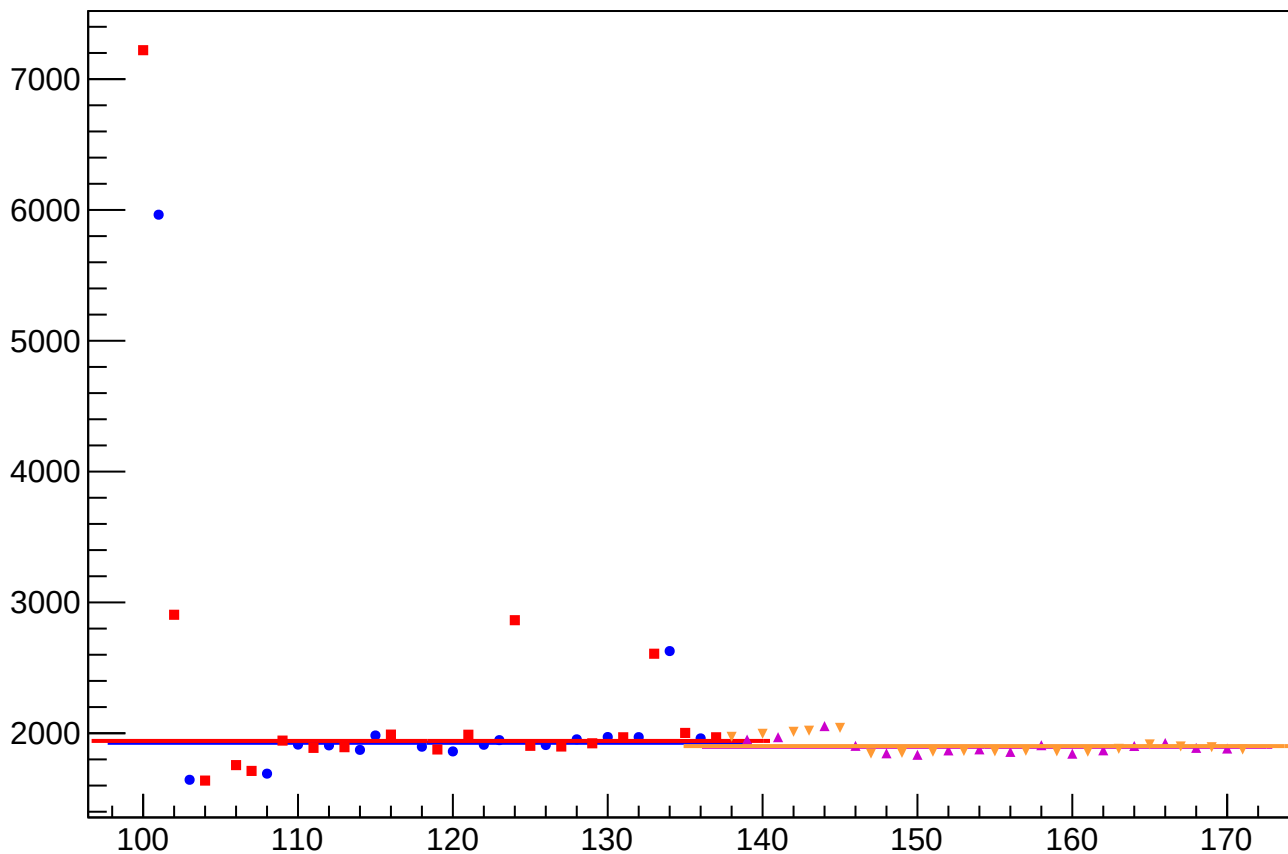
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -658.778+/-437.956 χ^2/NDF : 32.0/32

Out: 547.599+/-424.540 χ^2/NDF : 36.9/36

All: -36.829+/-304.828 χ^2/NDF : 72.8/69

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1901.687 $\pm$ 0.365 χ^2 /NDF: 28154.0/17

Right Out: 1941.261 $\pm$ 0.528 χ^2 /NDF: 304367.3/18

Left In: 1896.098 $\pm$ 0.378 χ^2 /NDF: 20161.6/15

Left: 1898.994 $\pm$ 0.263 χ^2 /NDF: 48428.8/33

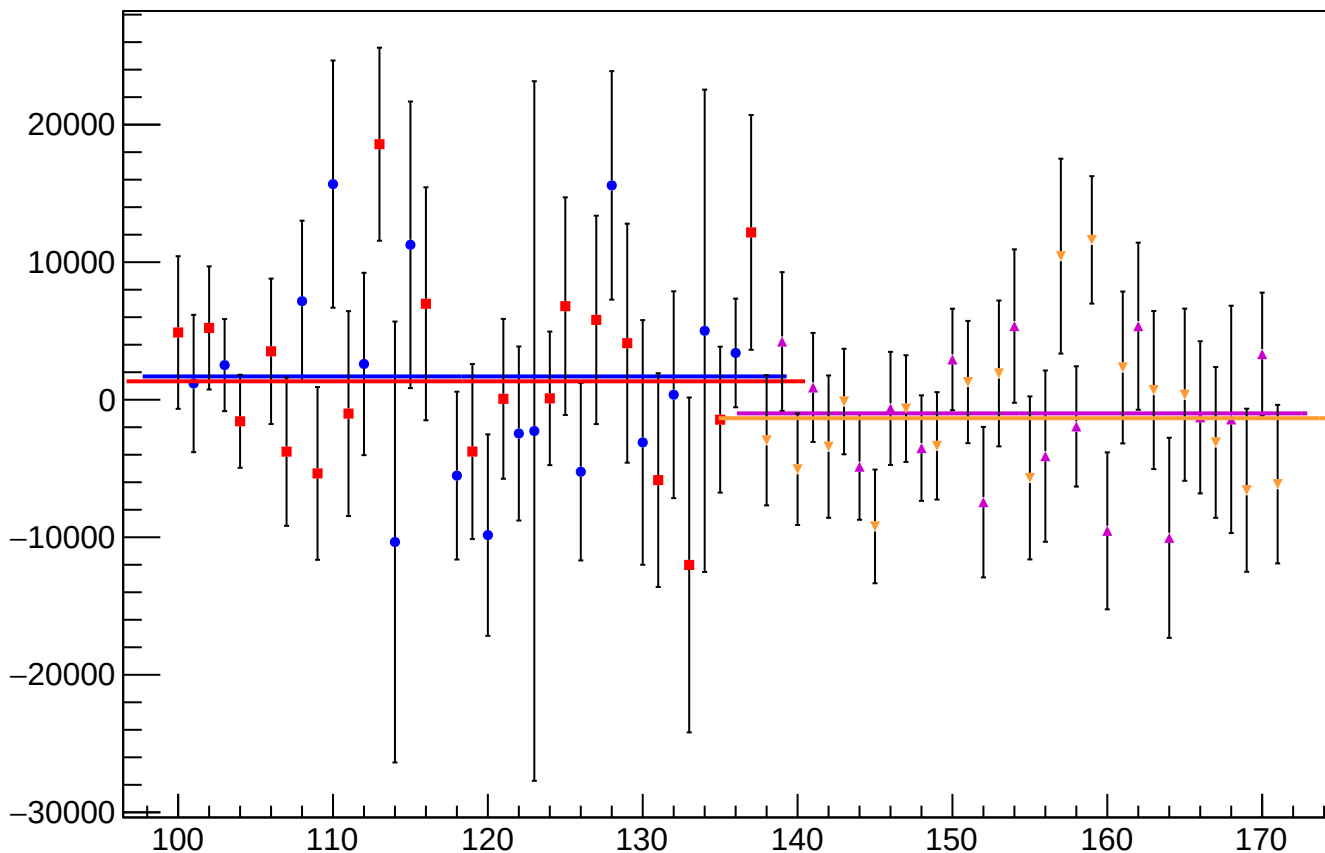
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1906.244 $\pm$ 0.310 χ^2 /NDF: 639462.1/32

Out: 1914.454 $\pm$ 0.300 χ^2 /NDF: 336321.1/36

All: 1910.478 $\pm$ 0.216 χ^2 /NDF: 976145.7/69

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1342.760 $\pm$ 1144.807 χ^2 /NDF:19.2/17

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

Left In: -993.332 $\pm$ 1205.393 χ^2 /NDF:12.7/15

Left: -1177.048 $\pm$ 830.093 χ^2 /NDF: 31.9/33

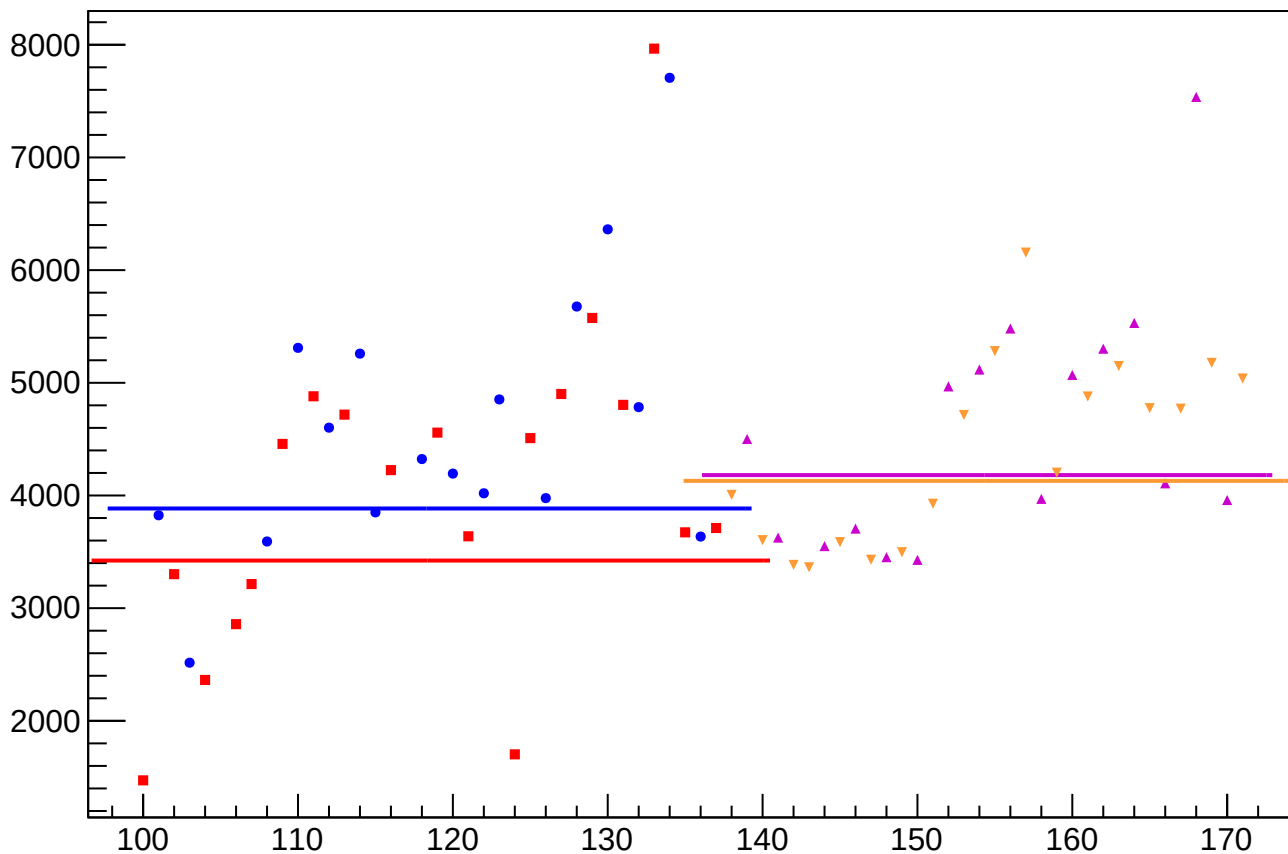
Right: 1493.873 $\pm$ 1026.648 χ^2 /NDF: 30.0/35

In: 17.823 $\pm$ 951.977 χ^2 /NDF:28.2/32

Out: -239.510 $\pm$ 878.212 χ^2 /NDF:37.8/36

All: -121.198 $\pm$ 645.494 χ^2 /NDF: 66.0/69

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4129.771 $\pm$ 0.810 χ^2 /NDF: 837220.6/17

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

Left In: 4180.909 $\pm$ 0.852 χ^2 /NDF: 992794.0/15

Left: 4154.023 $\pm$ 0.587 χ^2 /NDF: 1831907.1/33

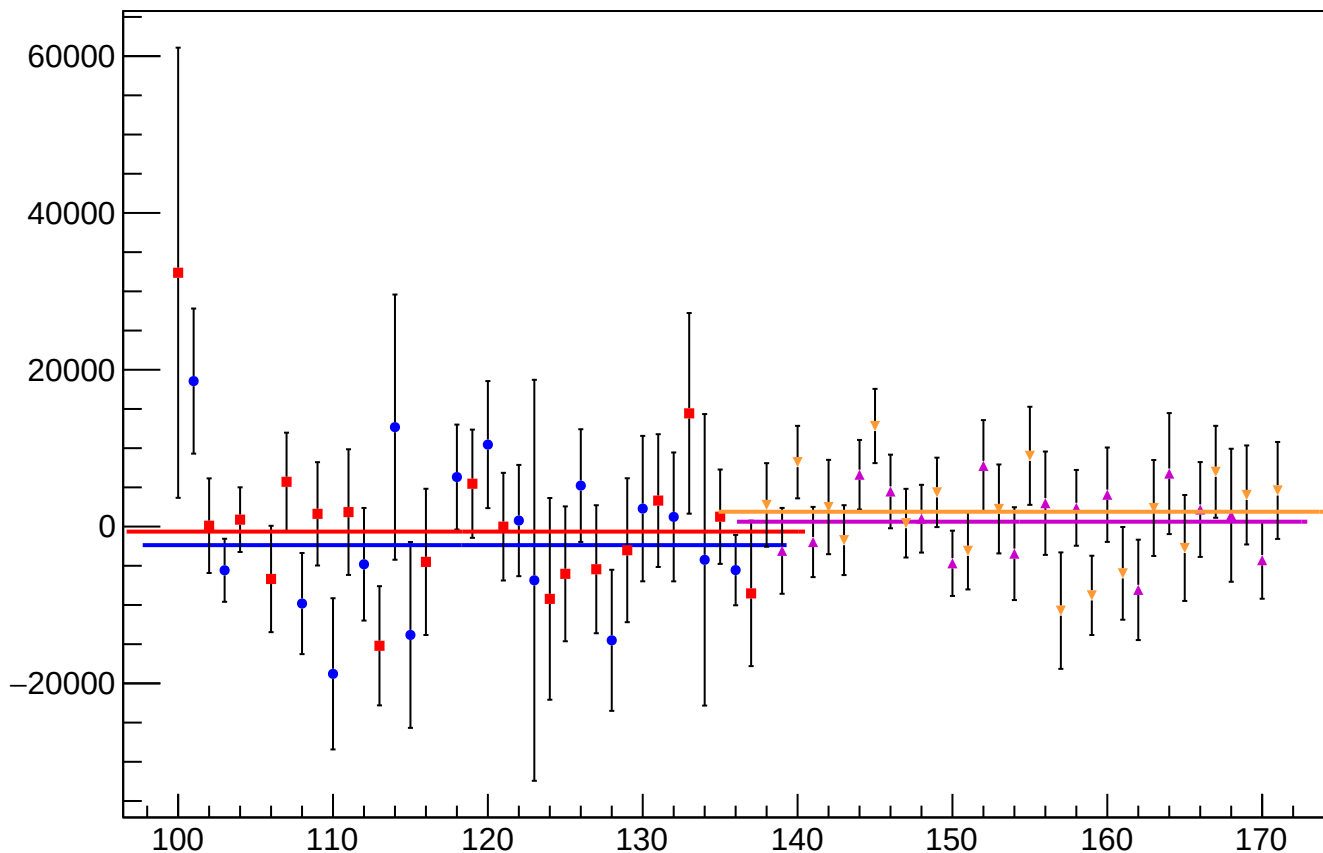
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 4069.417 $\pm$ 0.673 χ^2 /NDF: 1864831.2/32

Out: 3838.770 $\pm$ 0.621 χ^2 /NDF: 2741544.8/36

All: 3944.812 $\pm$ 0.456 χ^2 /NDF: 4669801.3/69

asym_atr_dd_mean vs Slug, Sign Corrected



Left: 1286.209 $\pm$ 918.127 χ^2/NDF : 32.8/33

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

In: -432.256 $\pm$ 1069.815 χ^2/NDF : 32.9/32

Out: 978.788 $\pm$ 1015.034 χ^2/NDF : 34.6/36

All: 310.317 $\pm$ 736.342 χ^2/NDF : 68.4/69

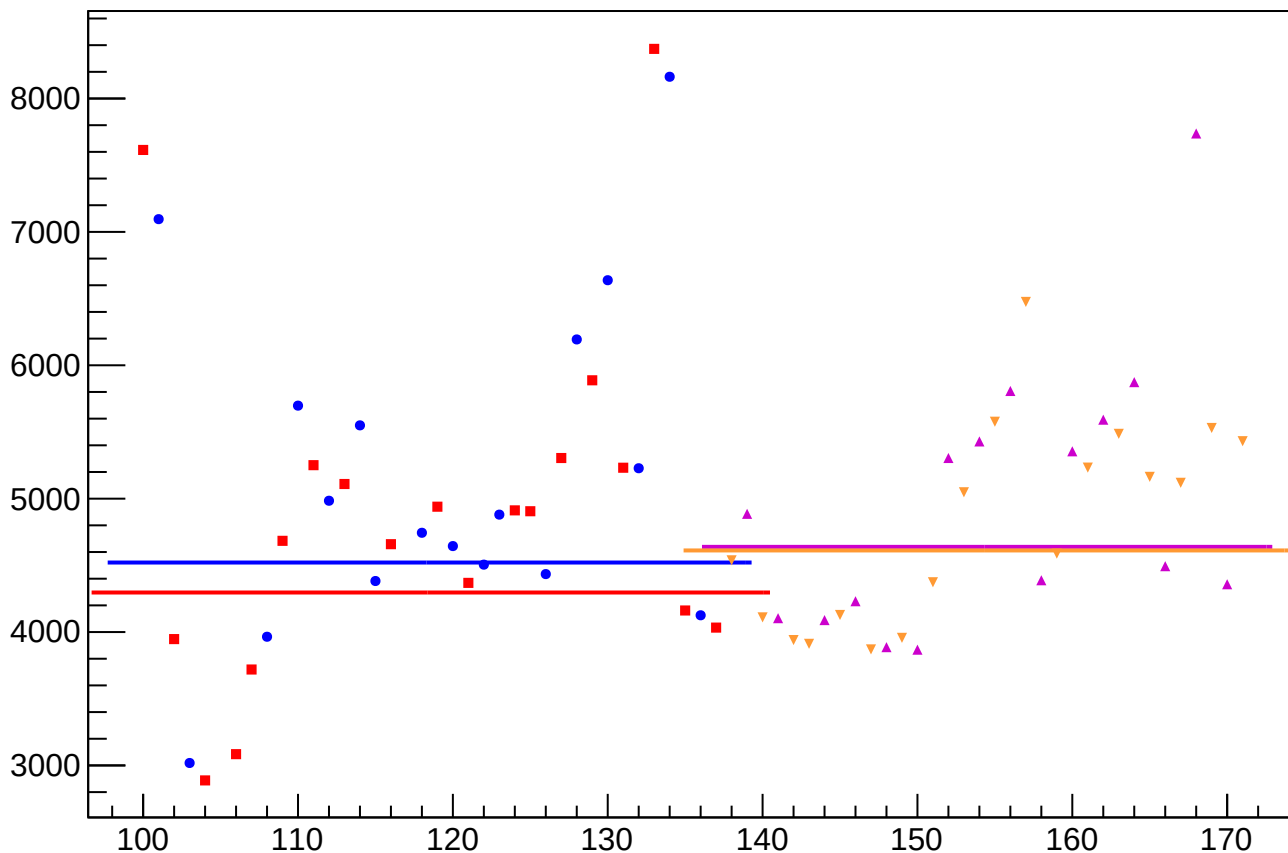
Right In: -2367.526 $\pm$ 1801.942 χ^2/NDF : 20.1/16

Left Out: 1892.500 $\pm$ 1269.451 χ^2/NDF : 21.3/17

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

Left In: 621.220 $\pm$ 1329.482 χ^2/NDF : 11.0/15

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4611.805 $\pm$ 0.898 χ^2/NDF : 579037.1/17

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

Left In: 4638.721 $\pm$ 0.940 χ^2/NDF : 735979.9/15

Left: 4624.642 $\pm$ 0.649 χ^2/NDF : 1315445.8/33

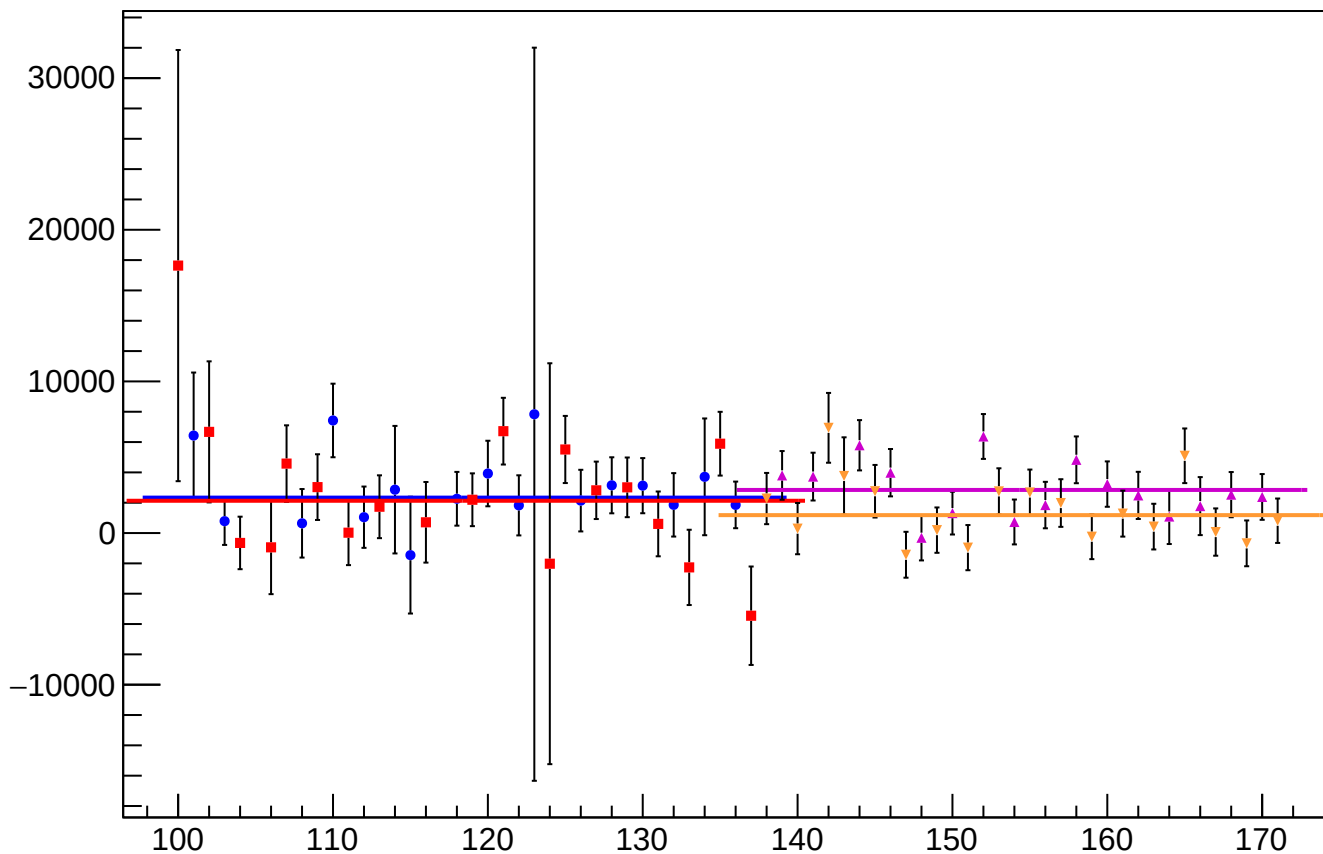
Right: 4401.047 $\pm$ 0.869 χ^2/NDF : 1568522.7/35

In: 4597.307 $\pm$ 0.756 χ^2/NDF : 1520160.6/32

Out: 4497.269 $\pm$ 0.716 χ^2/NDF : 1397069.7/36

All: 4544.561 $\pm$ 0.520 χ^2/NDF : 2926451.1/69

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: 1181.751 $\pm$ 379.554 χ^2 /NDF:24.6/17

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

Left In: 2842.793 $\pm$ 389.193 χ^2 /NDF:21.3/15

Left: 1991.448 $\pm$ 271.729 χ^2 /NDF: 55.2/33

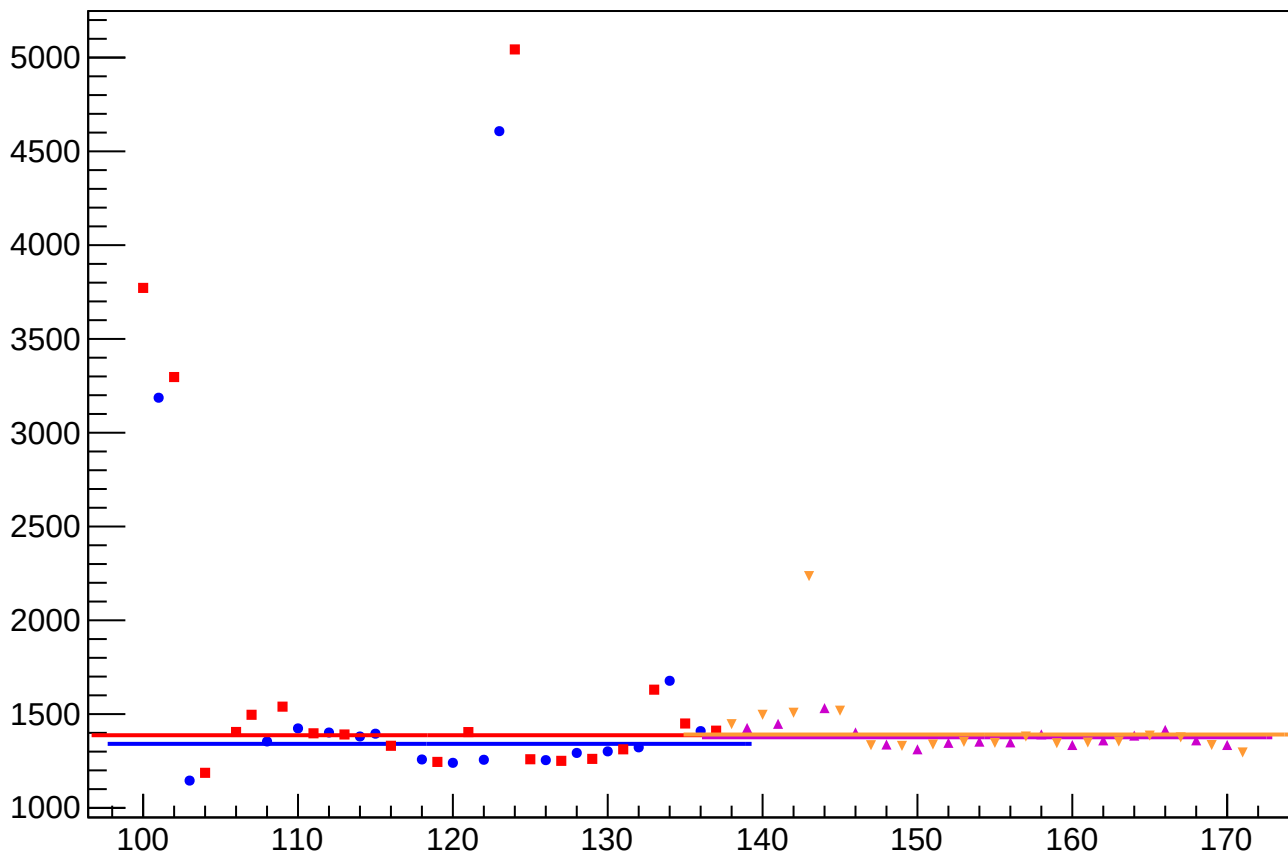
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2666.082 $\pm$ 313.933 χ^2 /NDF:31.5/32

Out: 1495.736 $\pm$ 310.374 χ^2 /NDF:54.2/36

All: 2074.238 $\pm$ 220.715 χ^2 /NDF: 92.7/69

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: 1391.114+/-0.268 χ^2/NDF : 273389.9/17

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

Left In: 1376.425+/-0.275 χ^2/NDF : 36142.8/15

Left: 1383.953+/-0.192 χ^2/NDF : 310992.9/33

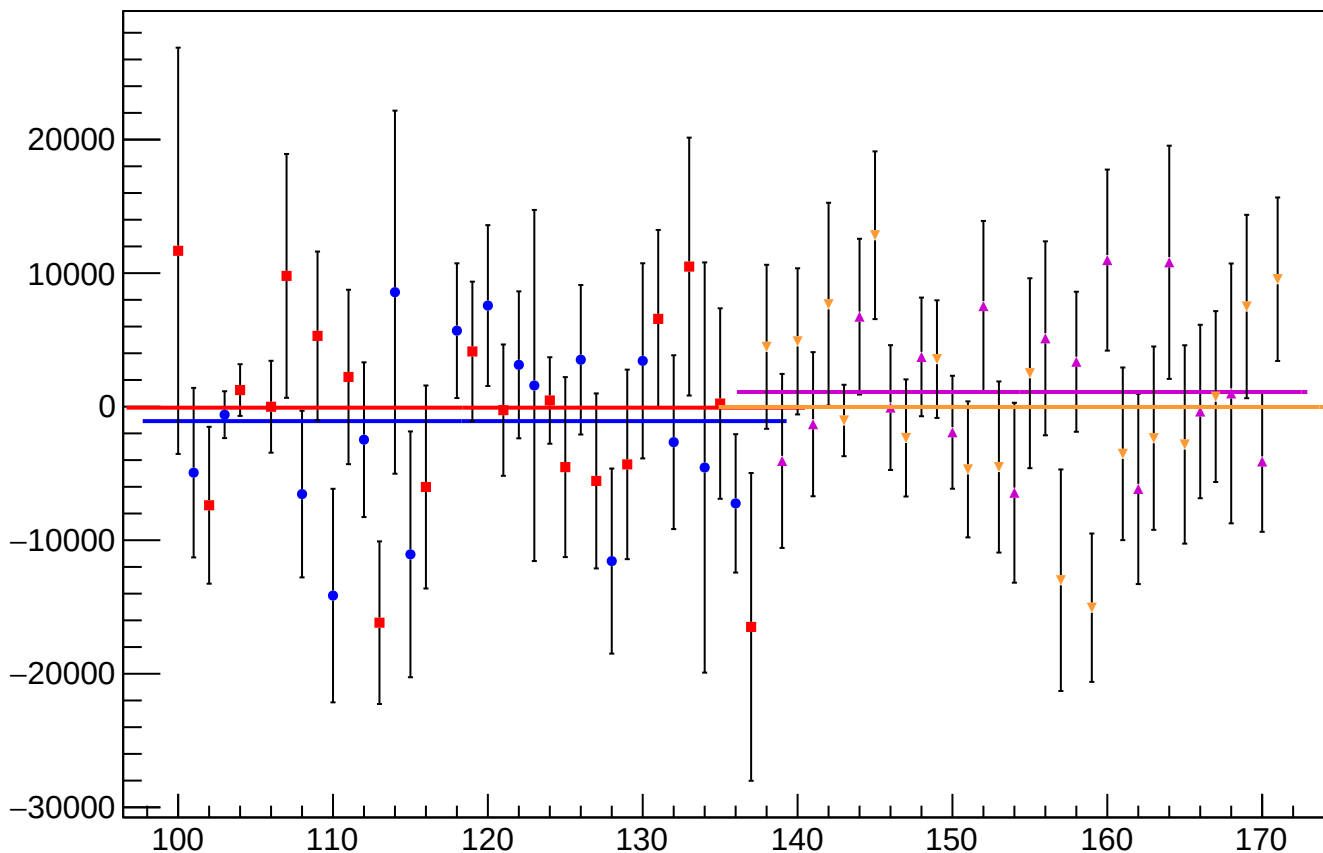
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1364.180+/-0.222 χ^2/NDF : 546082.0/32

Out: 1389.866+/-0.219 χ^2/NDF : 923648.4/36

All: 1377.171+/-0.156 χ^2/NDF : 1476502.4/69

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -22.093 $\pm$ 1279.182 χ^2 /NDF:23.1/17

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

Left In: 1098.229 $\pm$ 1464.035 χ^2 /NDF:10.9/15

Left: 462.916 $\pm$ 963.285 χ^2 /NDF: 34.3/33

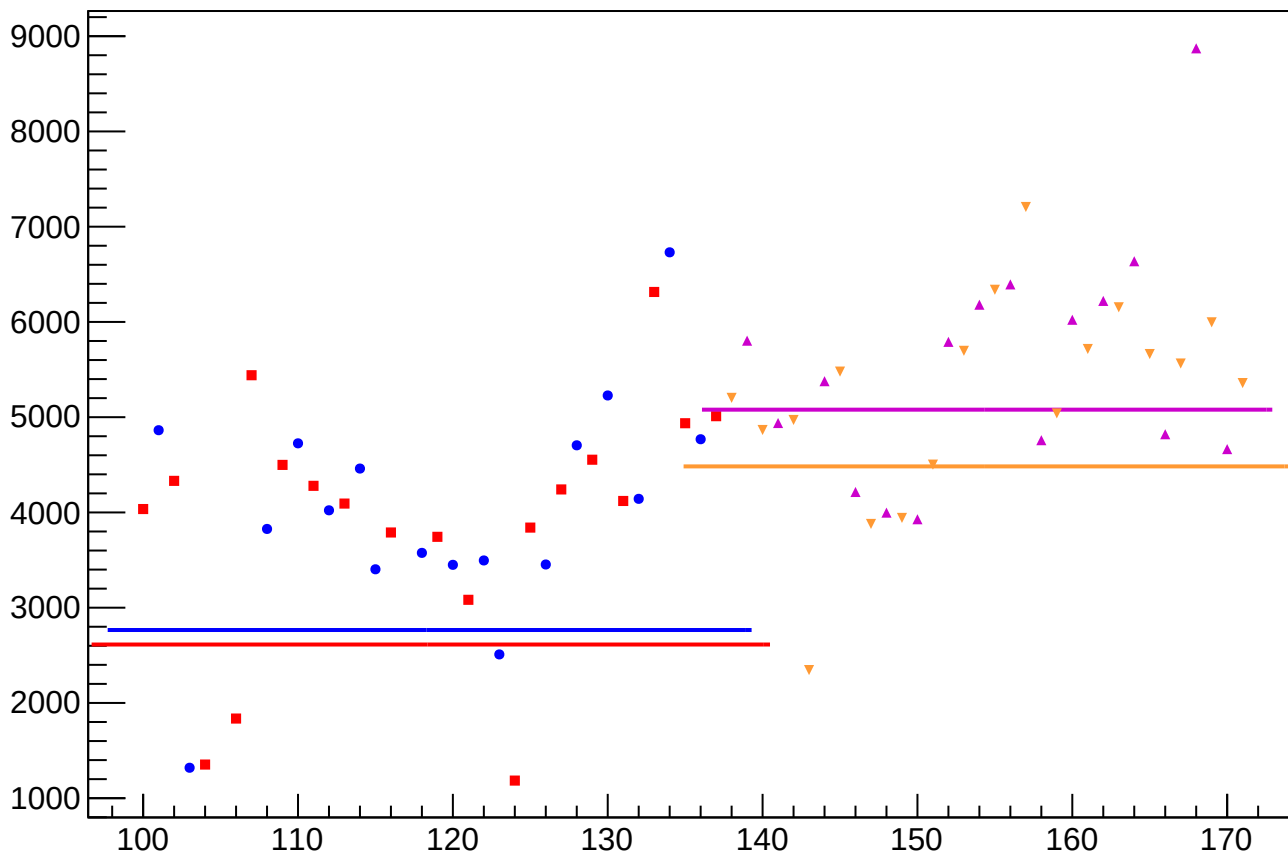
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -194.517 $\pm$ 933.772 χ^2 /NDF:27.2/32

Out: -51.384 $\pm$ 845.291 χ^2 /NDF:41.7/36

All: -115.850 $\pm$ 626.663 χ^2 /NDF: 68.9/69

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 4483.328 $\pm$ 0.905 χ^2 /NDF: 2321941.0/17

Right Out: 2613.368 $\pm$ 0.796 χ^2 /NDF: 3339918.9/18

Left In: 5078.997 $\pm$ 1.035 χ^2 /NDF: 990970.4/15

Left: 4741.204 $\pm$ 0.681 χ^2 /NDF: 3500662.7/33

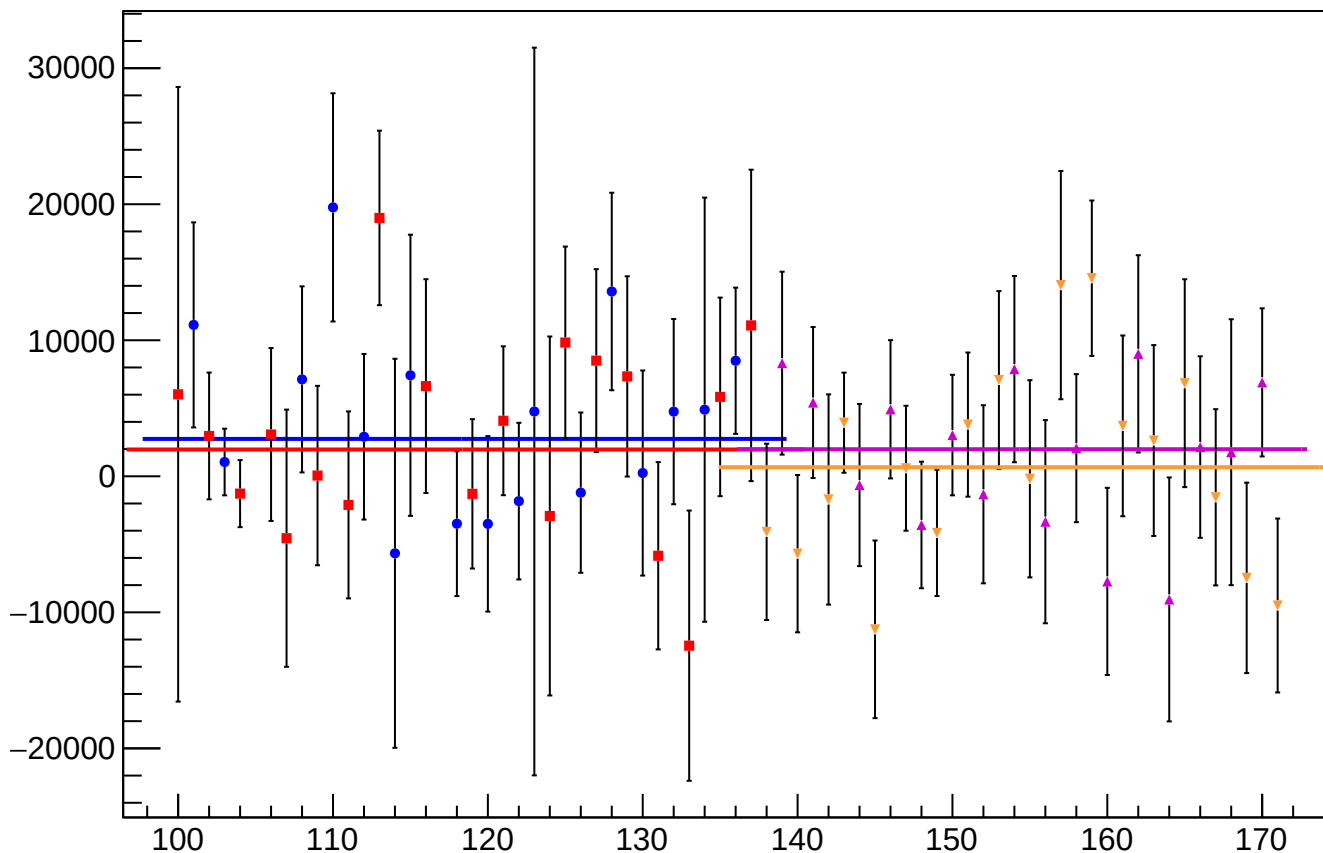
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3706.767 $\pm$ 0.660 χ^2 /NDF: 6892012.1/32

Out: 3429.913 $\pm$ 0.598 χ^2 /NDF: 8069528.8/36

All: 3554.605 $\pm$ 0.443 χ^2 /NDF: 15058169.4/66

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 667.378+/-1395.509 χ^2/NDF : 21.8/17

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

Left In: 1989.997+/-1517.585 χ^2/NDF : 10.1/15

Left: 1273.359+/-1027.224 χ^2/NDF : 32.2/33

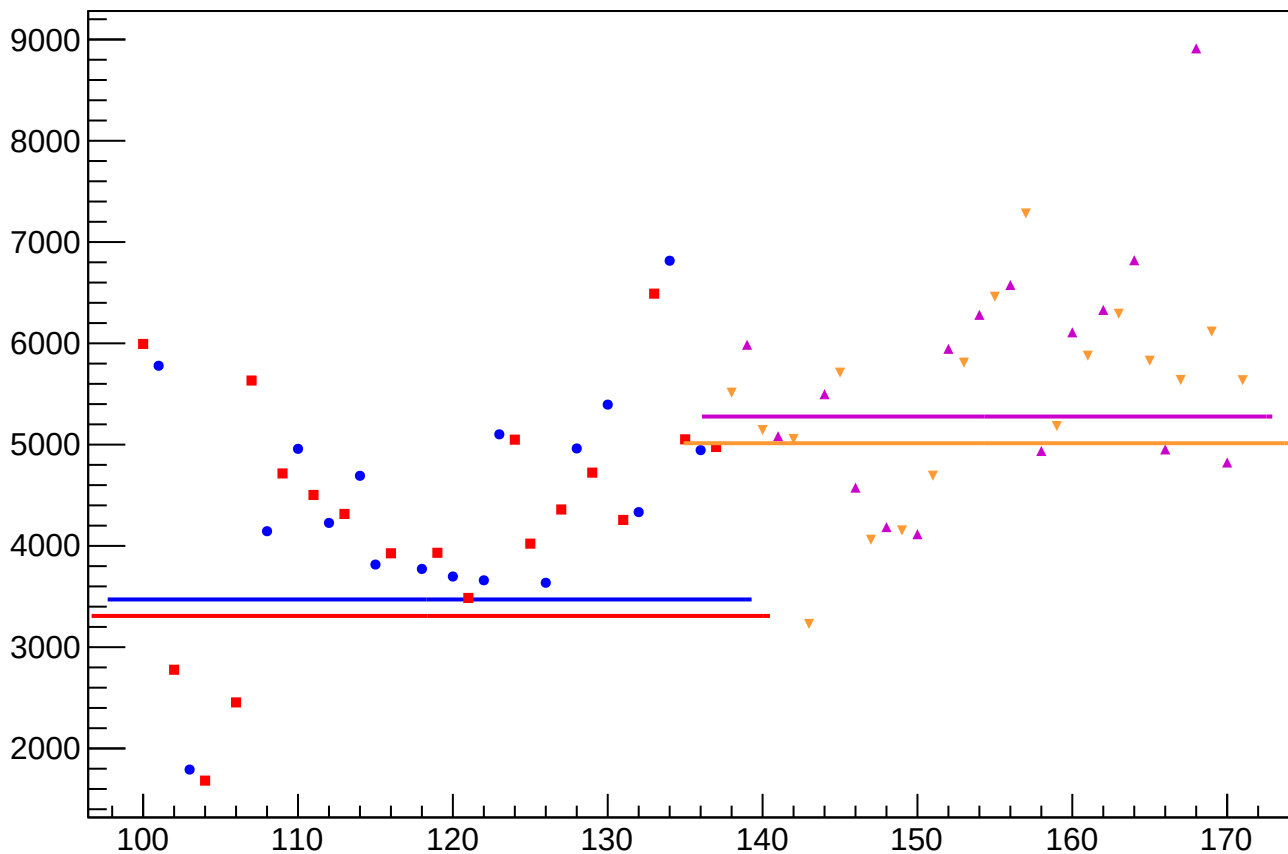
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2387.277+/-1047.111 χ^2/NDF : 24.0/32

Out: 1325.745+/-981.858 χ^2/NDF : 40.0/36

All: 1822.407+/-716.237 χ^2/NDF : 64.5/69

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: 5013.794+/-0.987 χ^2/NDF : 1135693.2/17

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

Left In: 5277.121+/-1.073 χ^2/NDF : 871284.4/15

Left: 5134.442+/-0.726 χ^2/NDF : 2039604.7/33

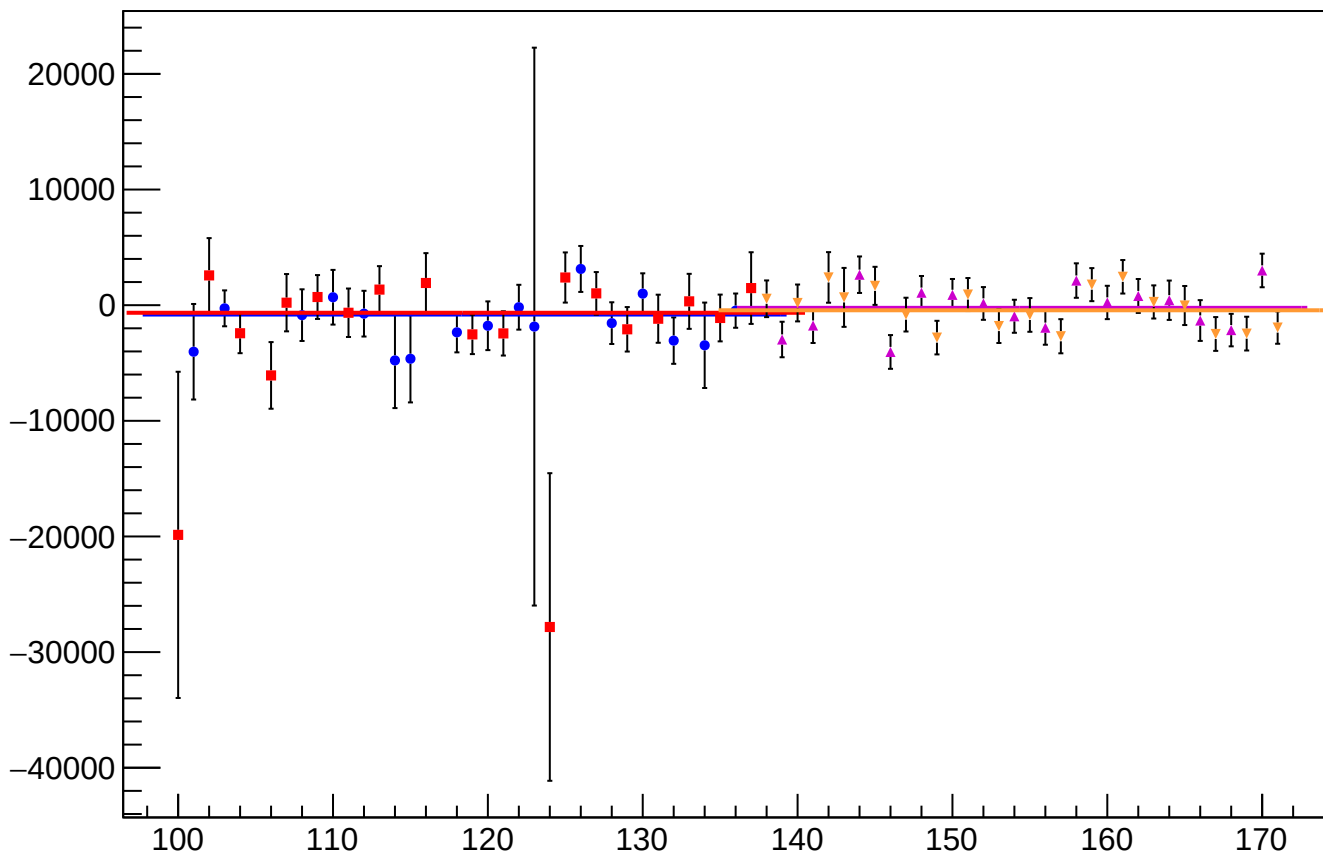
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 4330.915+/-0.740 χ^2/NDF : 4123126.6/32

Out: 4144.876+/-0.691 χ^2/NDF : 4571775.8/36

All: 4231.489+/-0.505 χ^2/NDF : 8728643.8/69

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -440.539+/-362.678 χ^2/NDF : 22.7/17

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

Left In: -230.608+/-371.676 χ^2/NDF : 28.0/15

Left: -338.145+/-259.575 χ^2/NDF : 50.8/33

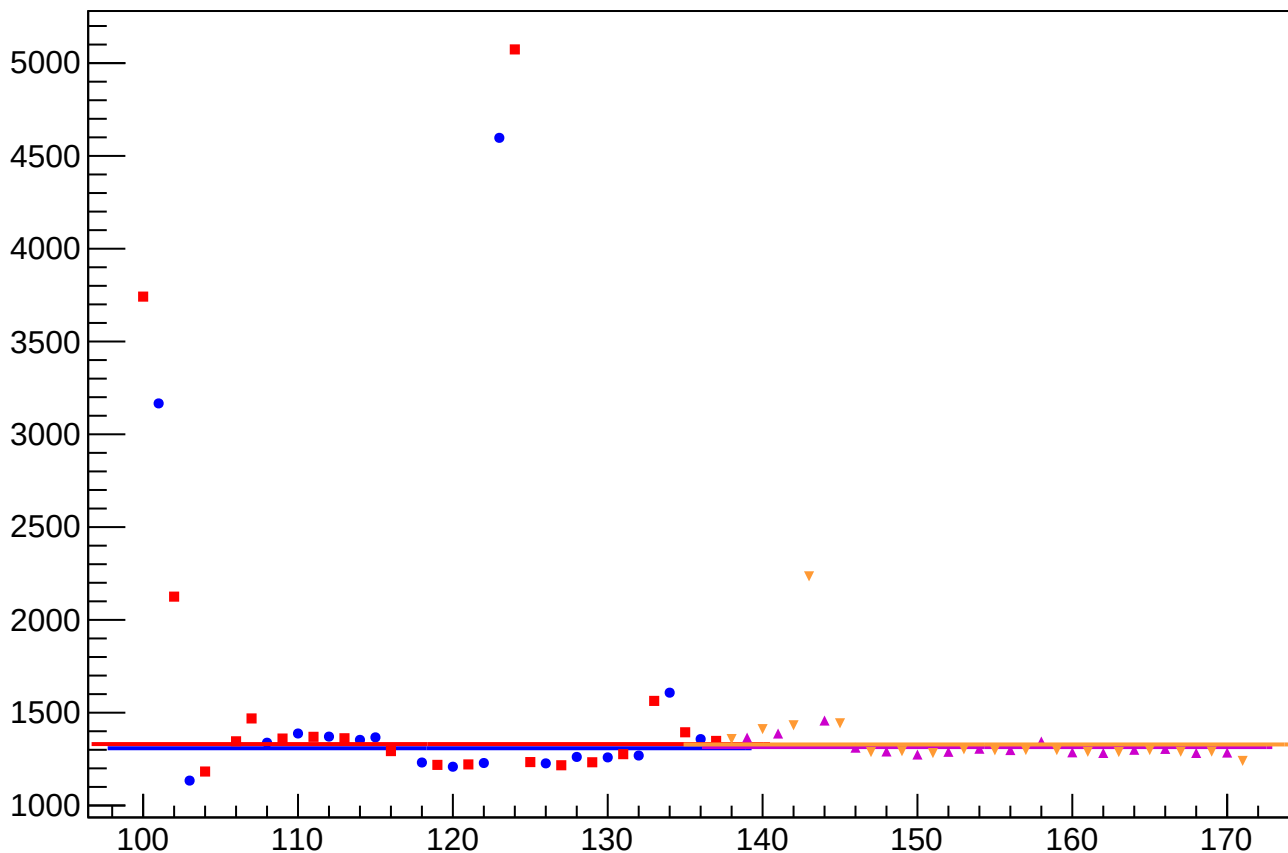
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -427.092+/-302.020 χ^2/NDF : 40.0/32

Out: -512.128+/-296.448 χ^2/NDF : 43.2/36

All: -470.402+/-211.563 χ^2/NDF : 83.2/69

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: 1328.806+/-0.256 χ^2/NDF : 295967.3/17

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

Left In: 1314.675+/-0.263 χ^2/NDF : 31075.1/15

Left: 1321.914+/-0.184 χ^2/NDF : 328523.2/33

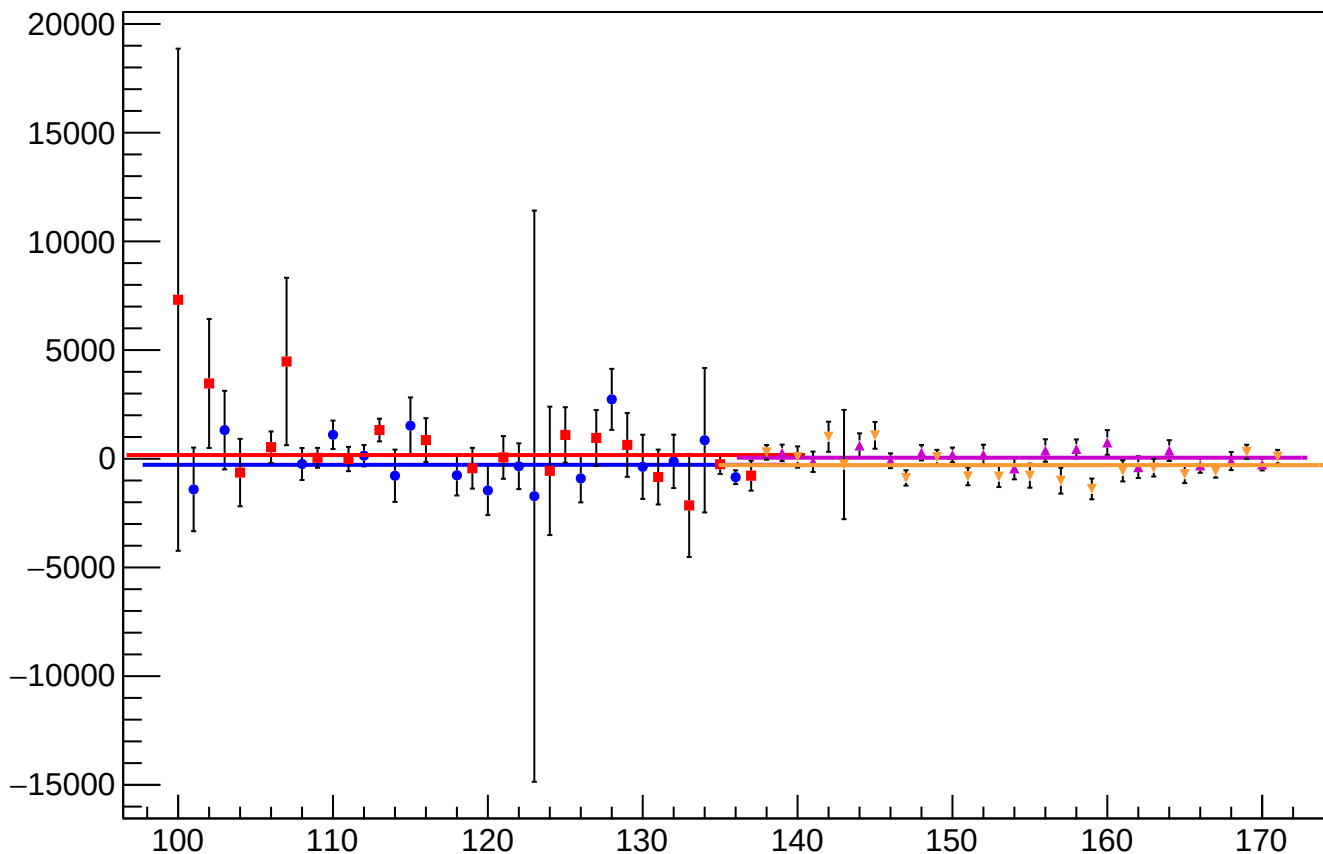
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1312.532+/-0.214 χ^2/NDF : 537815.9/32

Out: 1329.488+/-0.210 χ^2/NDF : 711834.1/36

All: 1321.168+/-0.150 χ^2/NDF : 1252860.4/69

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: -291.350 ± 99.160 χ^2/NDF : 33.4/17

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

Left In: 47.795 ± 101.414 χ^2/NDF : 9.8/15

Left: -125.587 ± 70.900 χ^2/NDF : 49.0/33

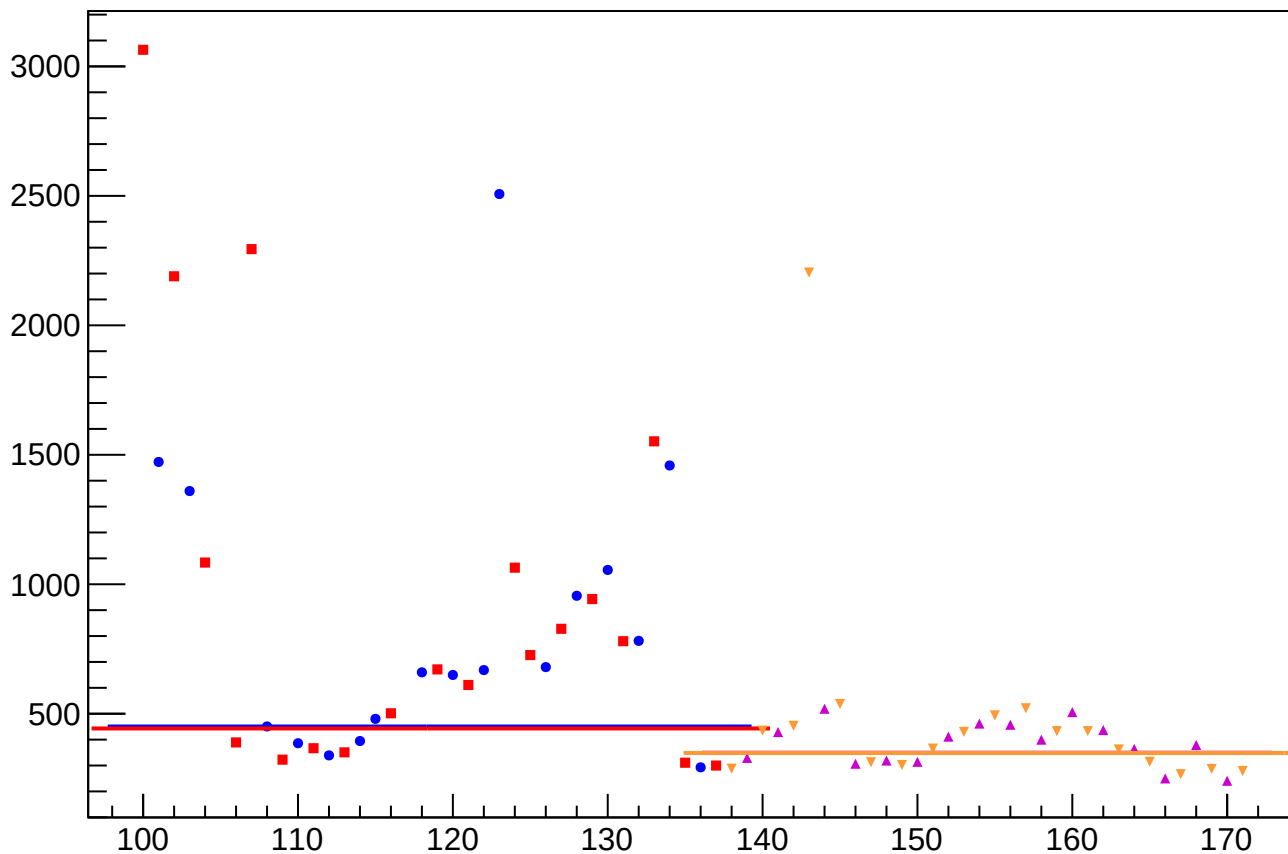
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: -19.993 ± 90.274 χ^2/NDF : 30.0/32

Out: -194.238 ± 88.148 χ^2/NDF : 52.8/36

All: -109.192 ± 63.068 χ^2/NDF : 84.7/69

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 348.525+/-0.070 χ^2/NDF : 2326012.2/17

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

Left In: 349.357+/-0.072 χ^2/NDF : 1278964.3/15

Left: 348.931+/-0.050 χ^2/NDF : 3605045.3/33

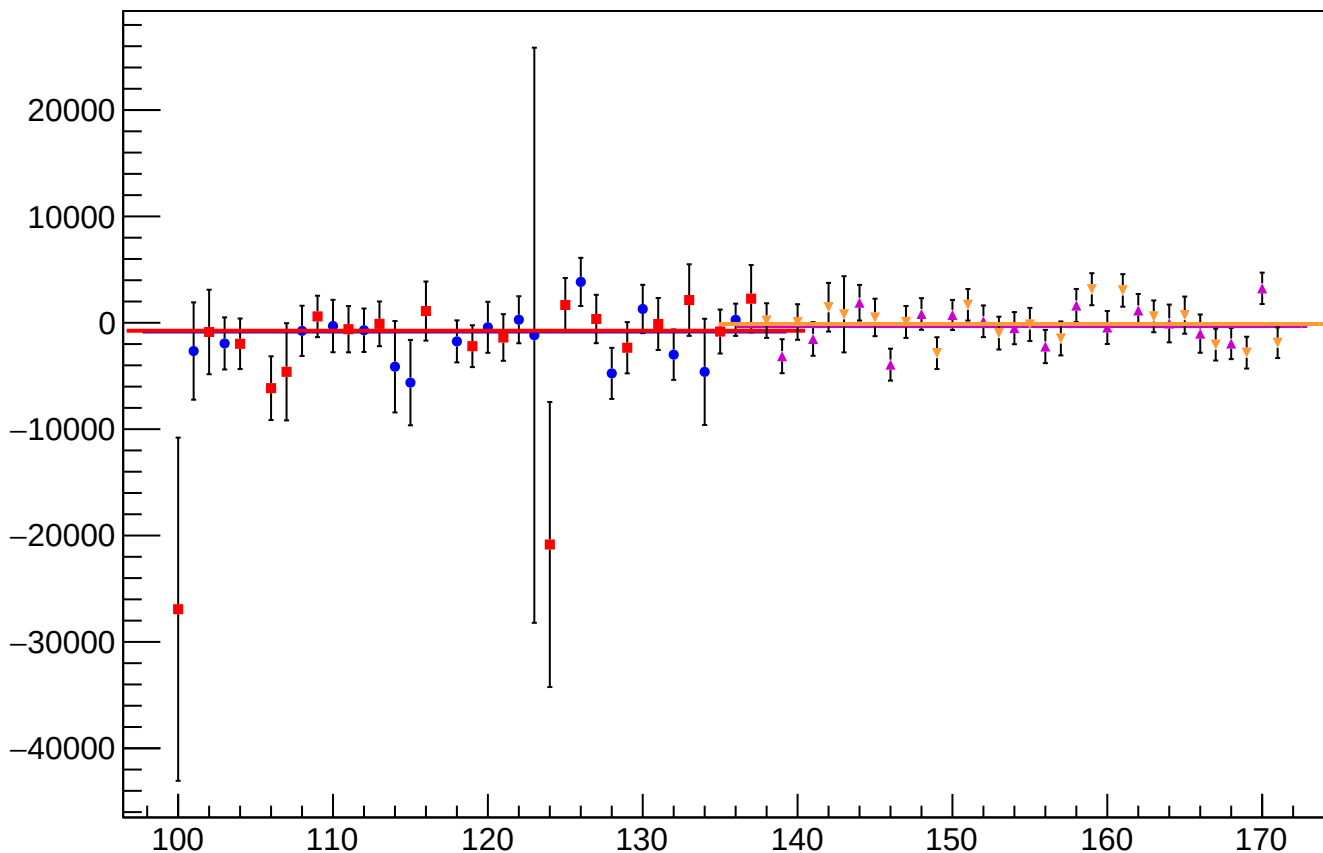
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 370.376+/-0.064 χ^2/NDF : 4690499.1/32

Out: 368.363+/-0.062 χ^2/NDF : 6178990.2/36

All: 369.345+/-0.045 χ^2/NDF : 10869998.3/69

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -114.618+/-380.198 χ^2/NDF :22.5/17

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

Left In: -305.208+/-388.046 χ^2/NDF :23.7/15

Left: -207.966+/-271.573 χ^2/NDF : 46.3/33

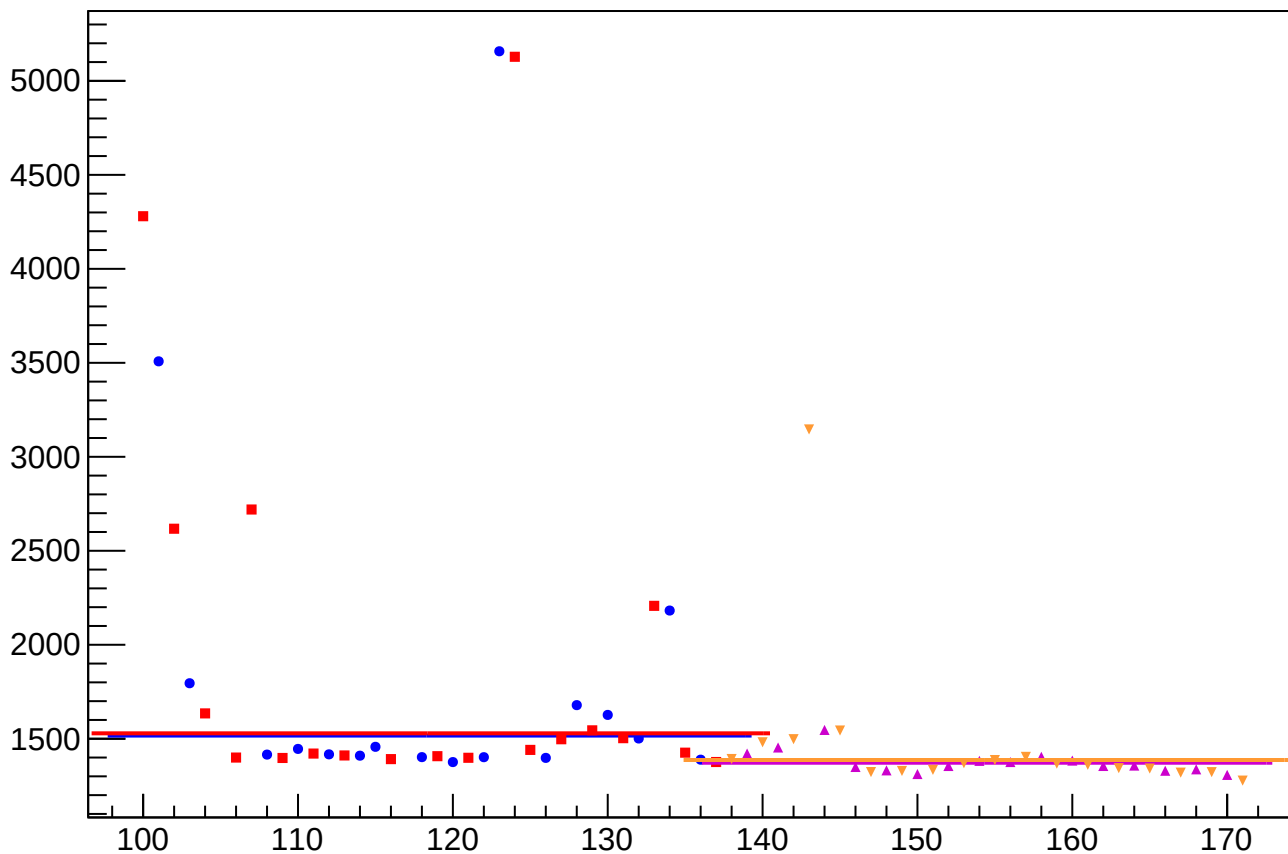
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -455.771+/-326.022 χ^2/NDF :36.9/32

Out: -297.491+/-320.480 χ^2/NDF :37.3/36

All: -375.274+/-228.548 χ^2/NDF : 74.3/69

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1386.919 $\pm$ 0.269 χ^2 /NDF: 541492.6/17

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

Left In: 1372.443 $\pm$ 0.274 χ^2 /NDF: 42233.6/15

Left: 1379.829 $\pm$ 0.192 χ^2 /NDF: 585146.2/33

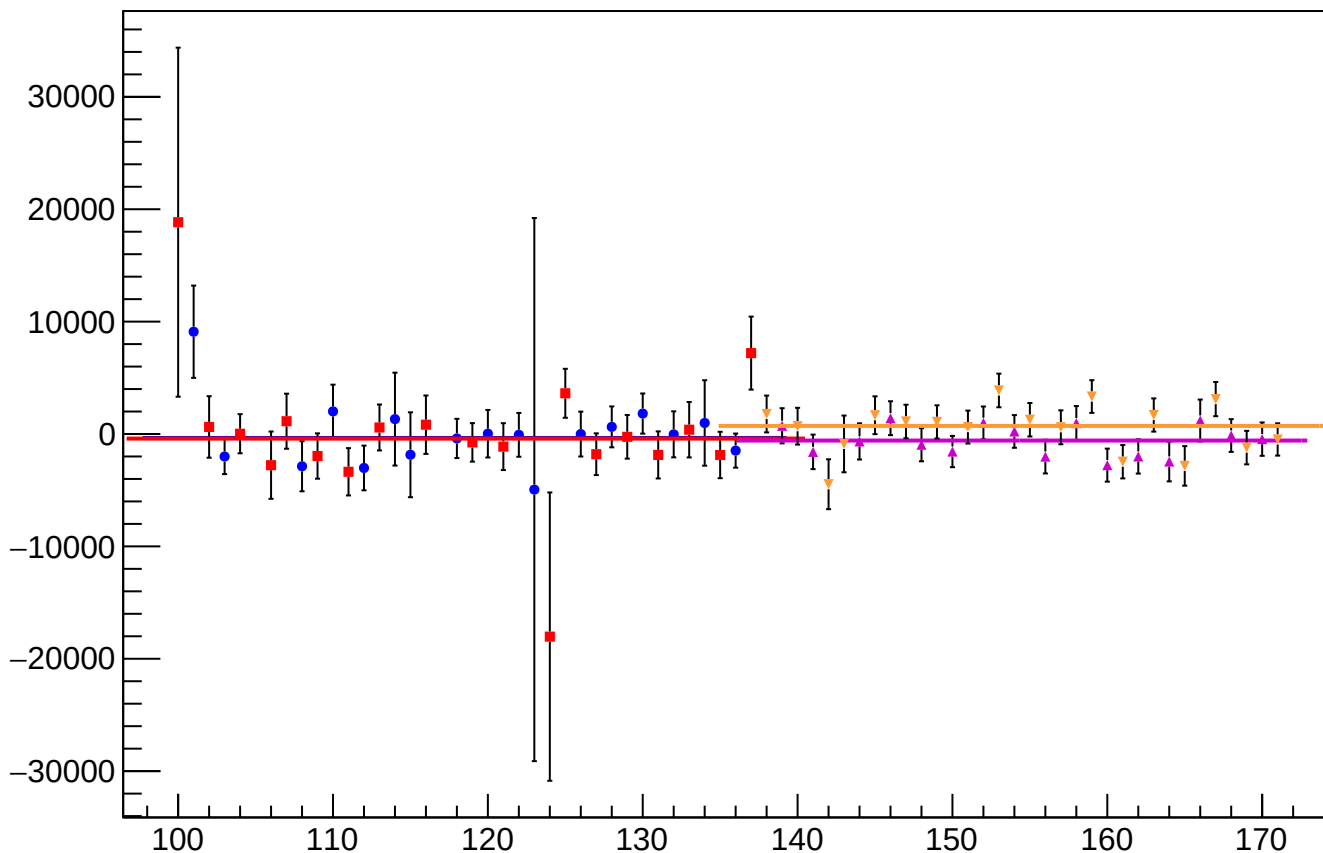
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1414.942 $\pm$ 0.231 χ^2 /NDF: 664833.9/32

Out: 1428.006 $\pm$ 0.227 χ^2 /NDF: 1252362.5/36

All: 1421.586 $\pm$ 0.162 χ^2 /NDF: 1918829.6/69

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: 717.583 ± 371.536 $\chi^2/\text{NDF}: 28.5/17$

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

Left In: -582.576 ± 381.163 $\chi^2/\text{NDF}: 12.1/15$

Left: 84.130 ± 266.054 $\chi^2/\text{NDF}: 46.5/33$

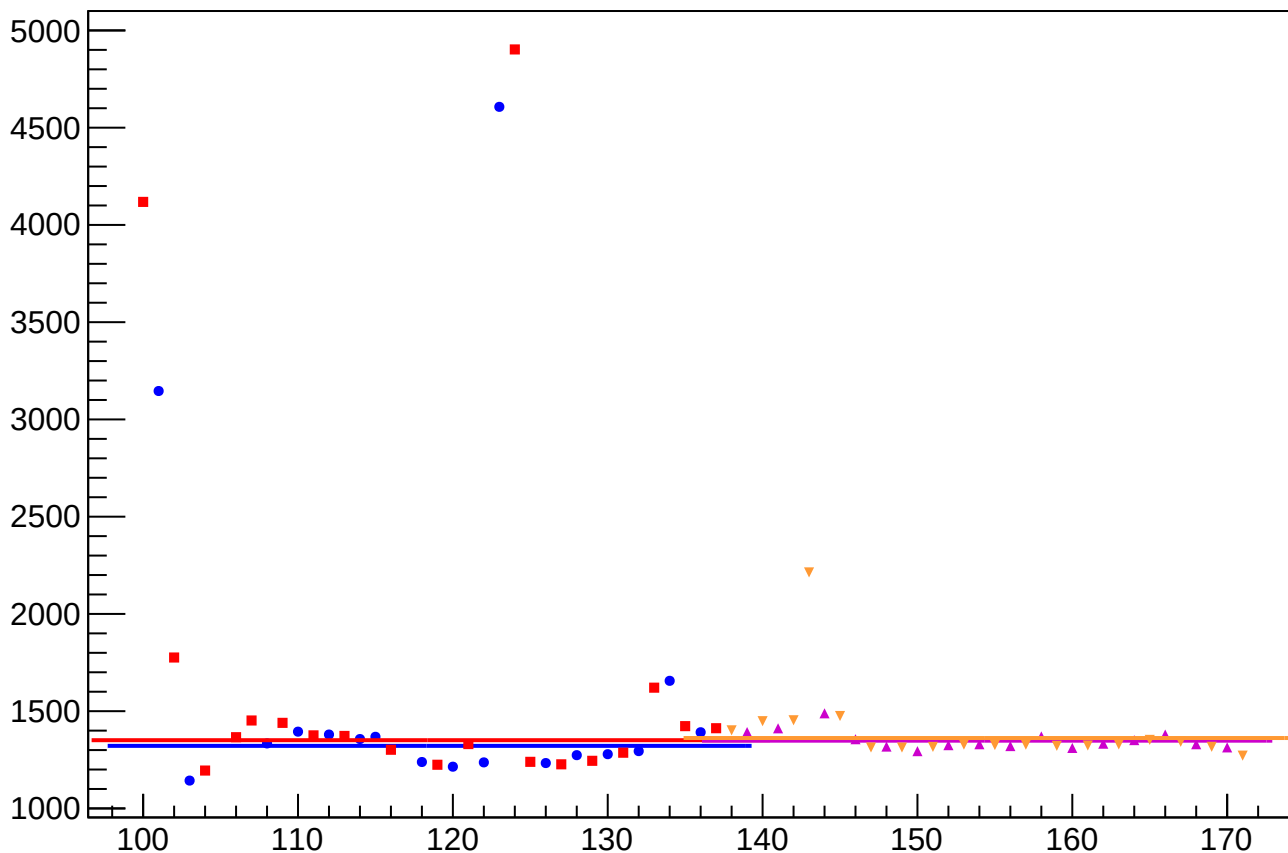
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -503.047 ± 308.103 $\chi^2/\text{NDF}: 25.6/32$

Out: 339.354 ± 302.702 $\chi^2/\text{NDF}: 50.0/36$

All: -74.399 ± 215.927 $\chi^2/\text{NDF}: 79.4/69$

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: 1361.959 $\pm$ 0.263 χ^2 /NDF: 270372.5/17

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

Left In: 1348.360 $\pm$ 0.270 χ^2 /NDF: 29531.9/15

Left: 1355.333 $\pm$ 0.188 χ^2 /NDF: 301210.0/33

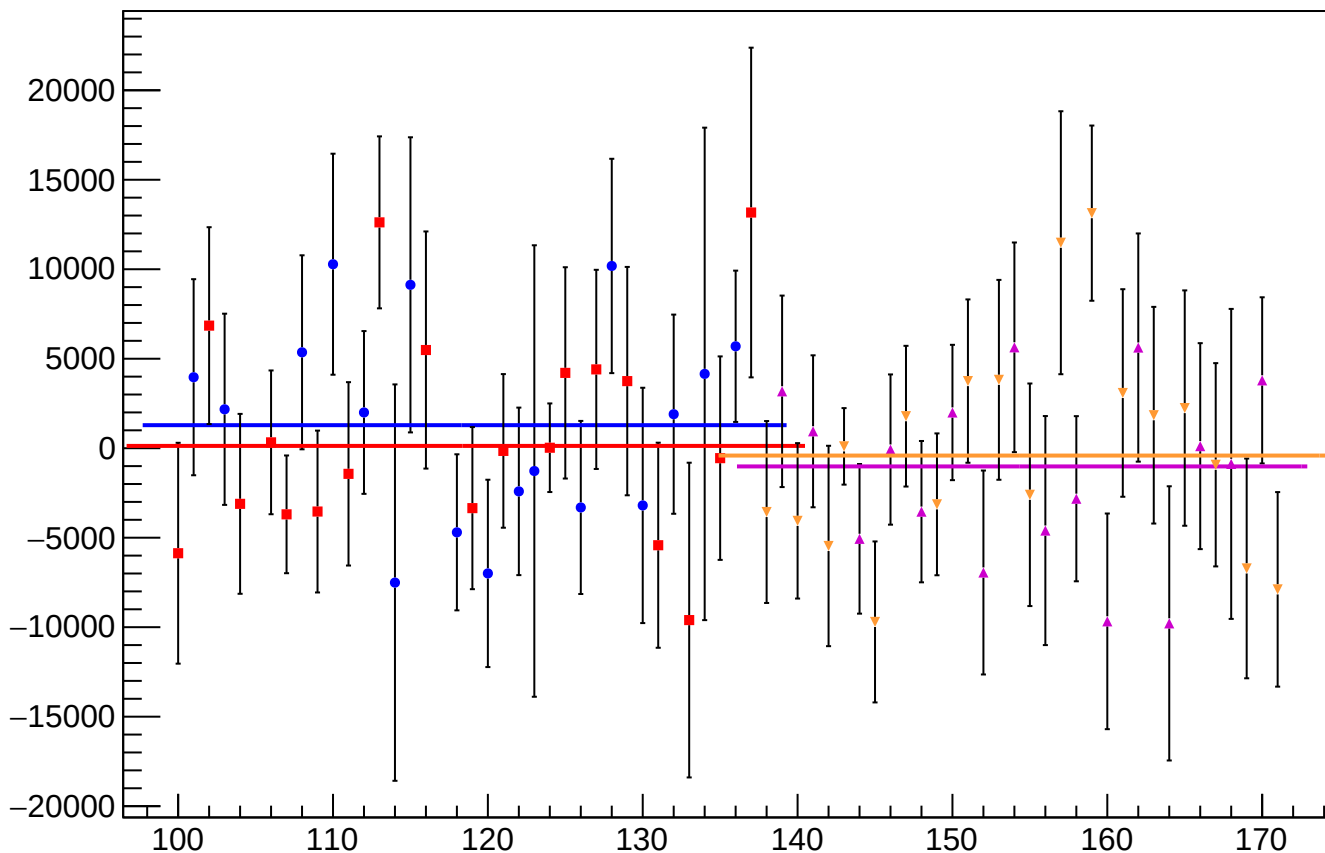
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1339.120 $\pm$ 0.218 χ^2 /NDF: 535168.3/32

Out: 1358.196 $\pm$ 0.214 χ^2 /NDF: 620866.4/36

All: 1348.828 $\pm$ 0.153 χ^2 /NDF: 1159936.4/69

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: -410.335+/-1079.539 χ^2/NDF : 22.4/17

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

Left In: -1017.461+/-1260.885 χ^2/NDF : 11.3/15

Left: -667.136+/-820.039 χ^2/NDF : 33.9/33

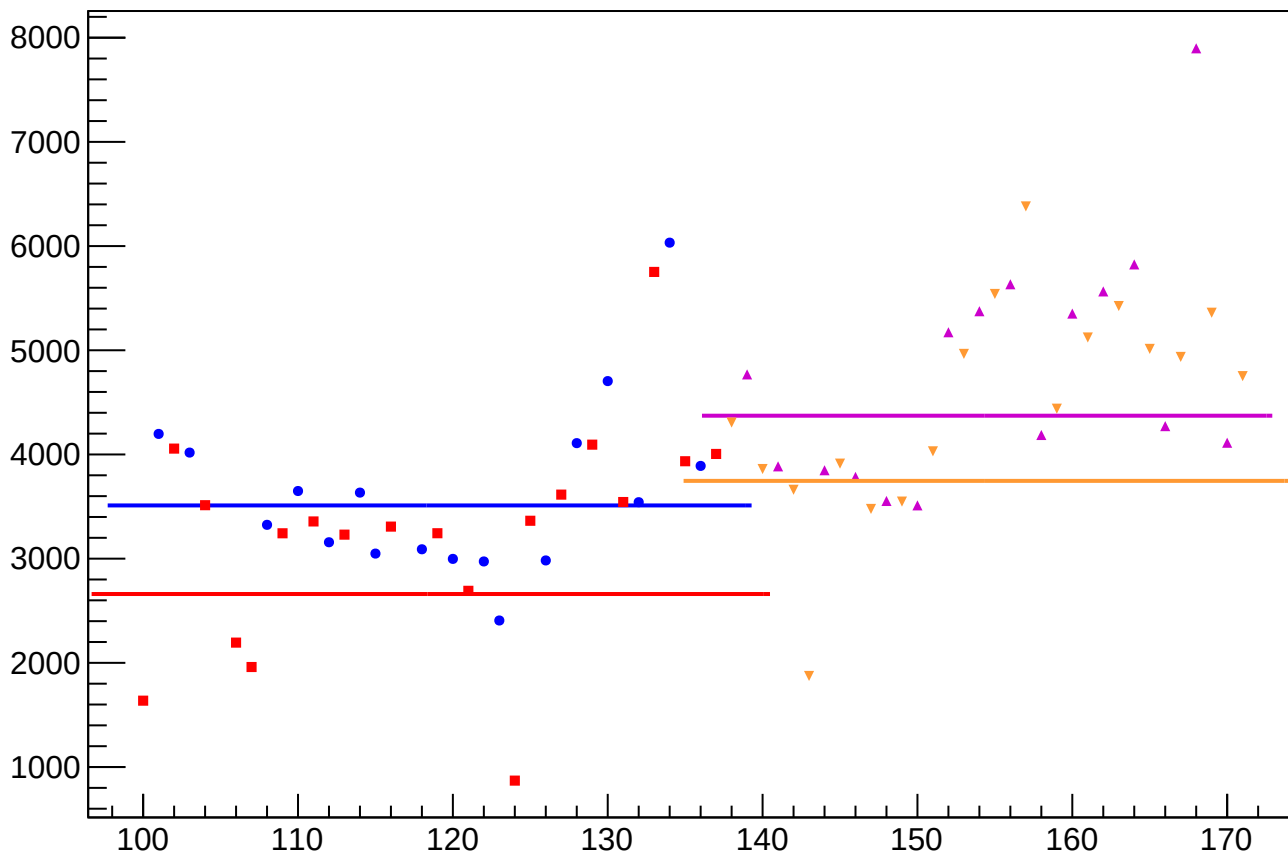
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 34.706+/-929.572 χ^2/NDF : 27.1/32

Out: -142.847+/-766.409 χ^2/NDF : 41.1/36

All: -70.996+/-591.340 χ^2/NDF : 68.2/69

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: 3746.516 $\pm$ 0.763 χ^2 /NDF: 2778961.1/17

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

Left In: 4372.012 $\pm$ 0.892 χ^2 /NDF: 1009474.3/15

Left: 4011.087 $\pm$ 0.580 χ^2 /NDF: 4072437.0/33

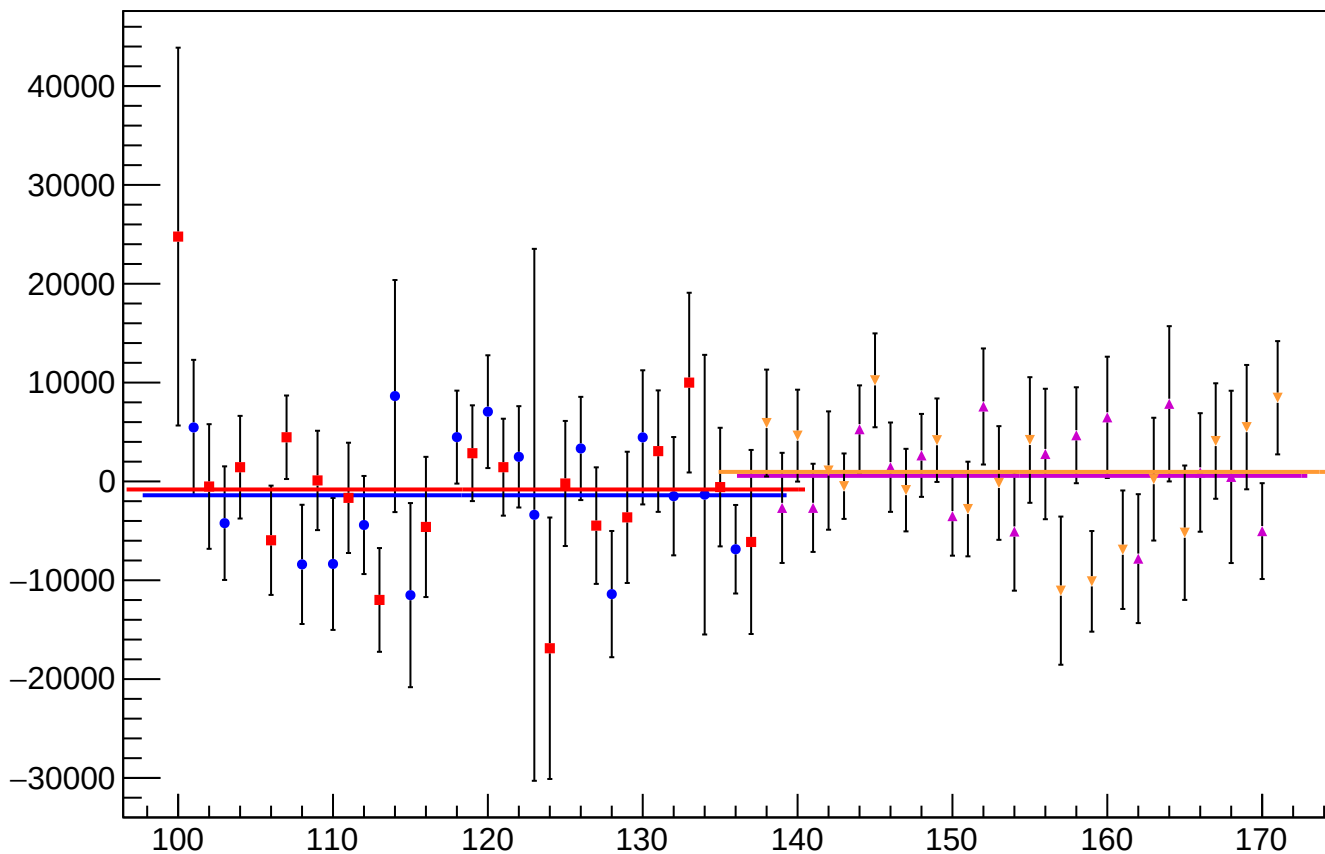
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3978.885 $\pm$ 0.657 χ^2 /NDF: 1779443.5/32

Out: 3207.938 $\pm$ 0.542 χ^2 /NDF: 5965271.9/36

All: 3519.923 $\pm$ 0.418 χ^2 /NDF: 8563680.4/69

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: 964.326 $\pm$ 1219.176 χ^2 /NDF:19.5/17

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

Left In: 563.725 $\pm$ 1320.413 χ^2 /NDF:11.2/15

Left: 779.970 $\pm$ 895.742 χ^2 /NDF: 30.8/33

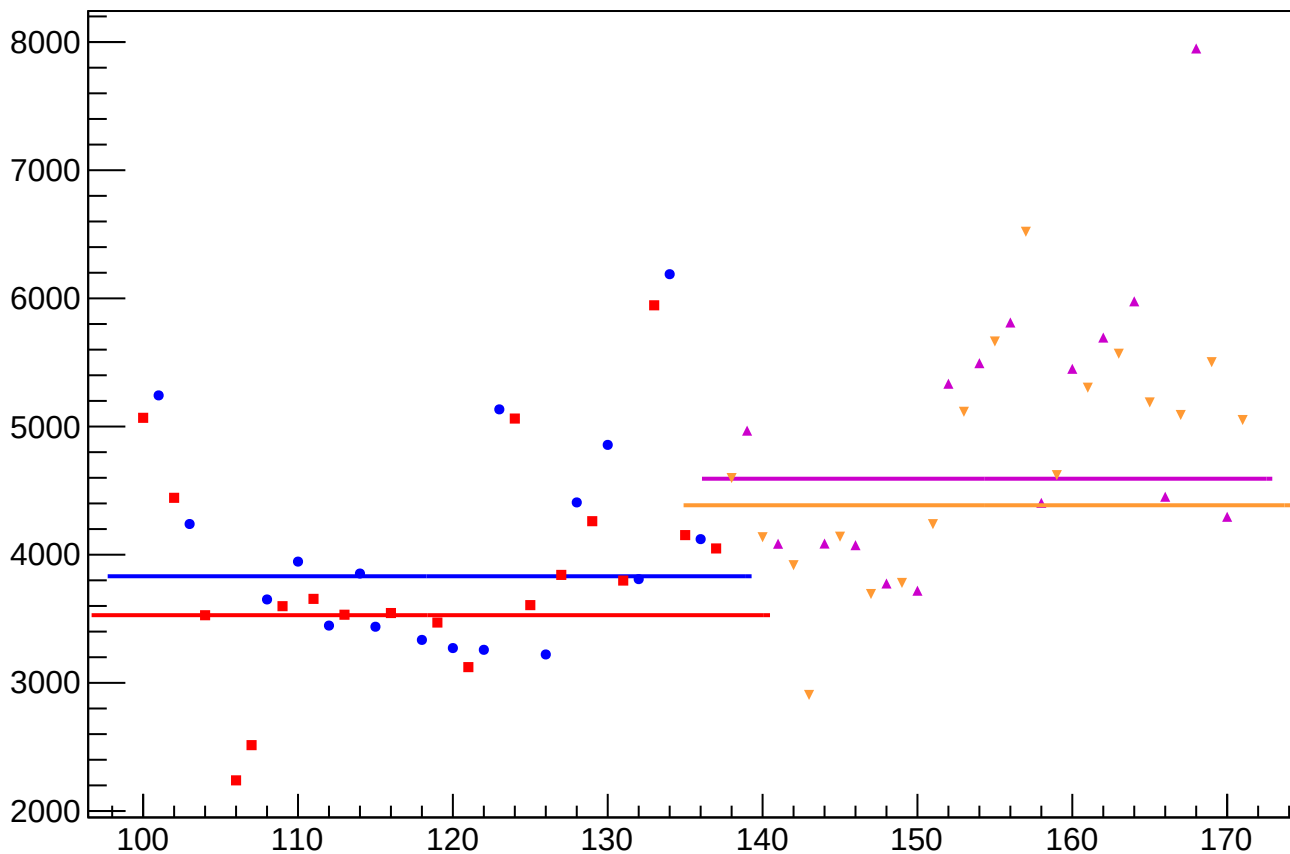
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -291.564 $\pm$ 992.311 χ^2 /NDF:28.0/32

Out: 184.179 $\pm$ 913.422 χ^2 /NDF:34.7/36

All: -34.033 $\pm$ 672.048 χ^2 /NDF: 62.8/69

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4385.765 $\pm$ 0.862 χ^2 /NDF: 1069762.9/17

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

Left In: 4592.847 $\pm$ 0.934 χ^2 /NDF: 870474.1/15

Left: 4481.064 $\pm$ 0.633 χ^2 /NDF: 1966790.6/33

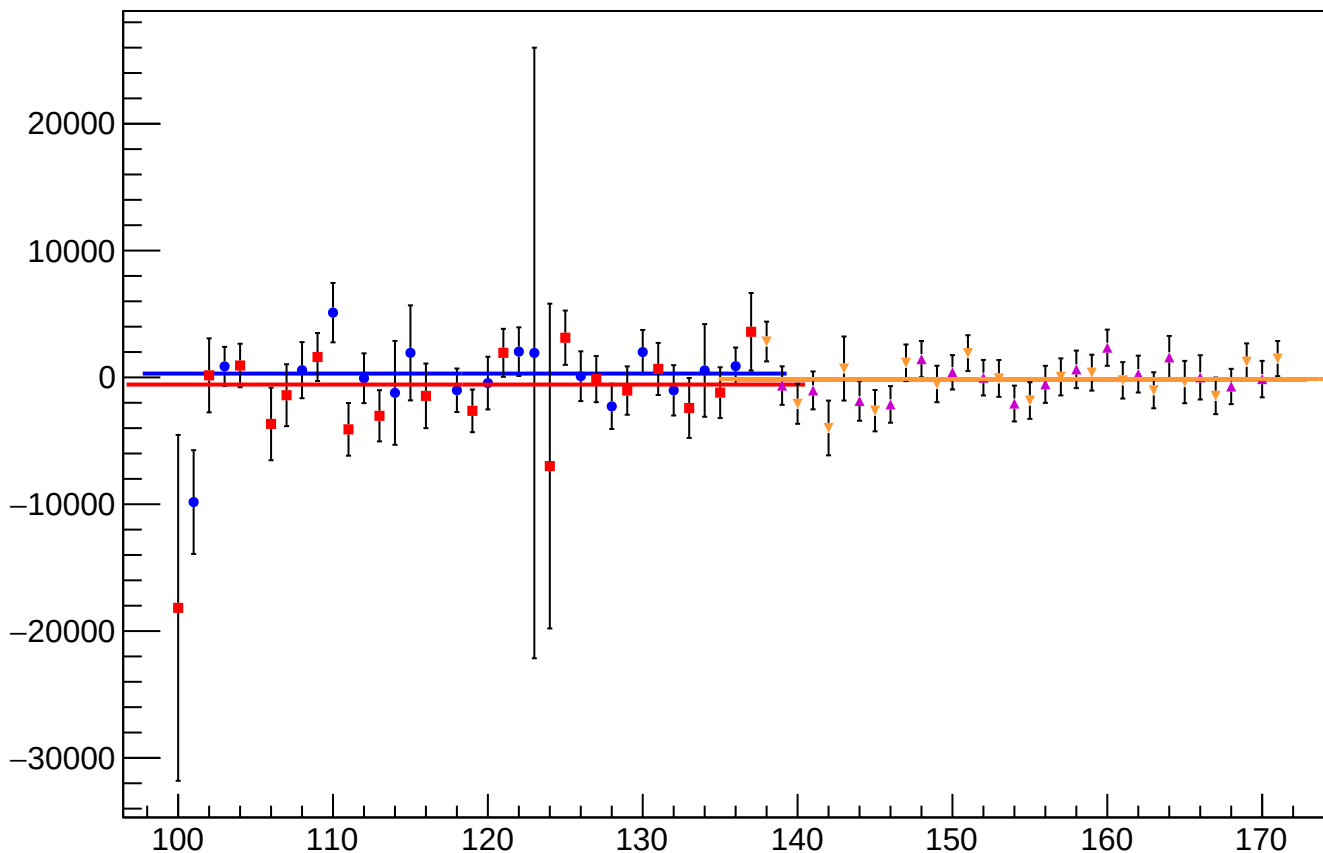
Right: 3665.441 $\pm$ 0.715 χ^2 /NDF: 939571.7/35

In: 4261.619 $\pm$ 0.702 χ^2 /NDF: 1497341.1/32

Out: 4005.663 $\pm$ 0.643 χ^2 /NDF: 2065603.3/36

All: 4122.553 $\pm$ 0.474 χ^2 /NDF: 3635242.7/69

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: -121.997 $\pm$ 358.960 χ^2 /NDF:18.7/17

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

Left In: -163.466 $\pm$ 367.887 χ^2 /NDF:11.5/15

Left: -142.222 $\pm$ 256.921 χ^2 /NDF: 30.2/33

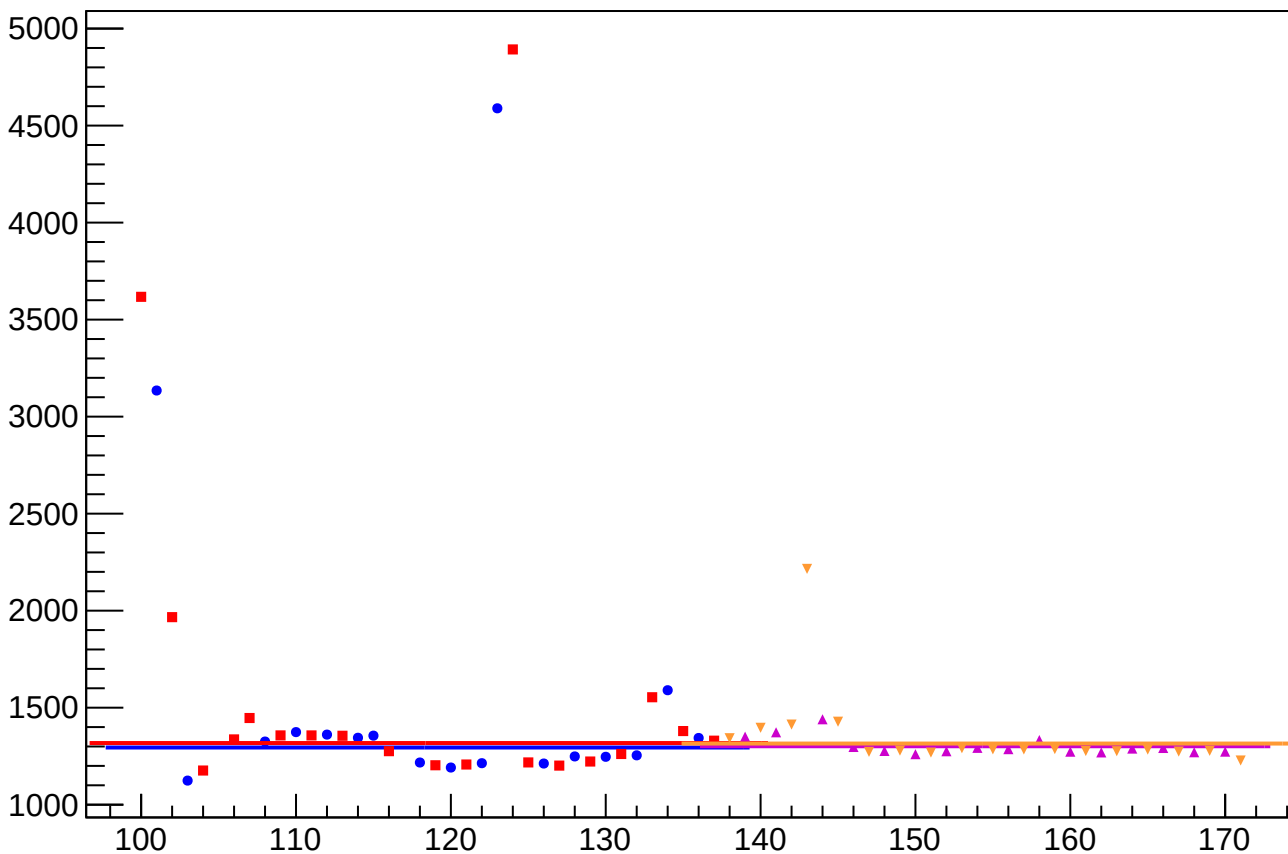
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -5.329 $\pm$ 298.927 χ^2 /NDF:28.1/32

Out: -268.479 $\pm$ 293.221 χ^2 /NDF:38.4/36

All: -139.439 $\pm$ 209.327 χ^2 /NDF: 66.9/69

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1315.105 $\pm$ 0.254 χ^2 /NDF:296507.0/17

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

Left In: 1301.256 $\pm$ 0.260 χ^2 /NDF:30562.0/15

Left: 1308.351 $\pm$ 0.182 χ^2 /NDF: 328520.8/33

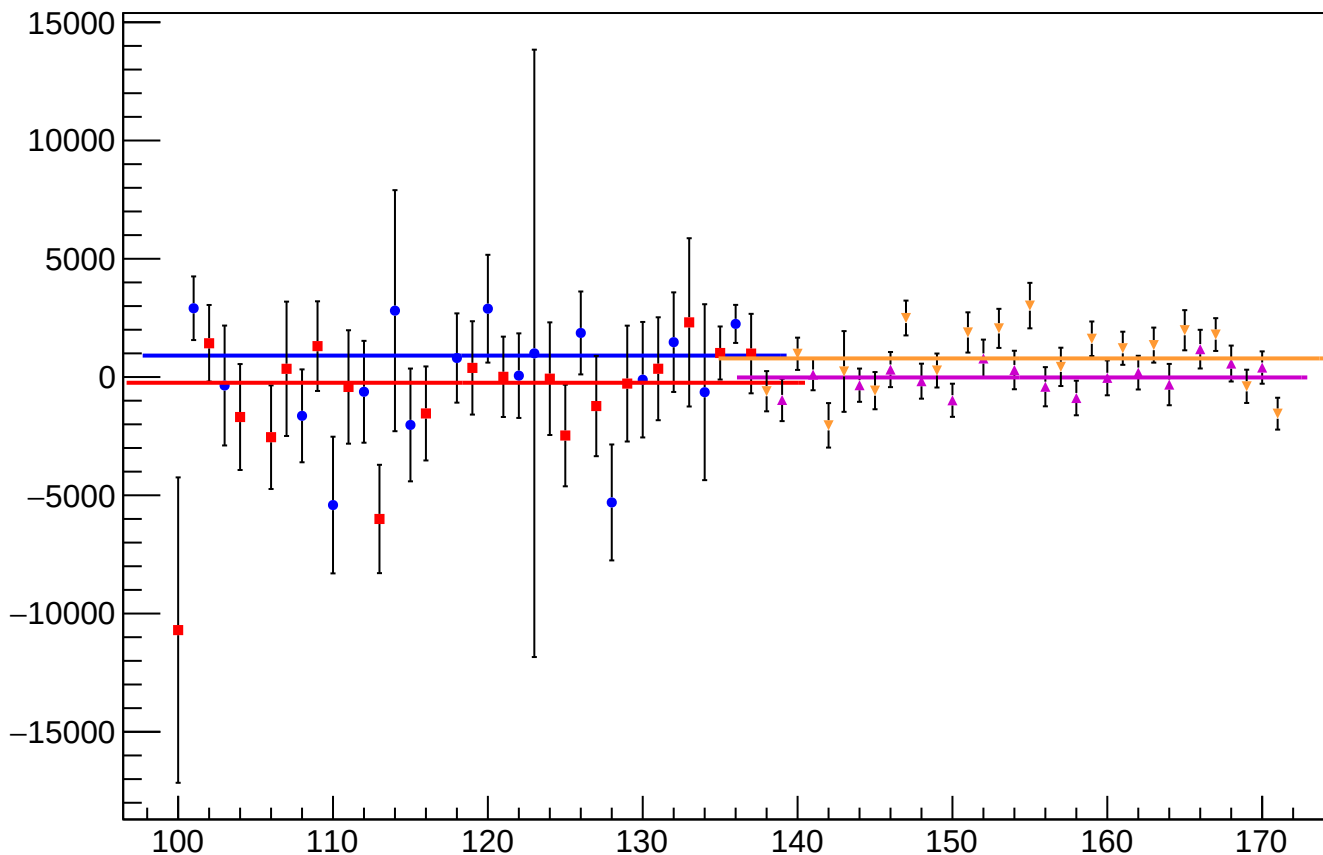
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1299.039 $\pm$ 0.211 χ^2 /NDF:538579.8/32

Out: 1315.998 $\pm$ 0.207 χ^2 /NDF:687351.7/36

All: 1307.682 $\pm$ 0.148 χ^2 /NDF: 1229212.2/69

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: 787.193 $\pm$ 184.777 χ^2 /NDF:51.6/17

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

Left In: -17.639 $\pm$ 188.581 χ^2 /NDF:9.6/15

Left: 392.975 $\pm$ 131.982 χ^2 /NDF: 70.5/33

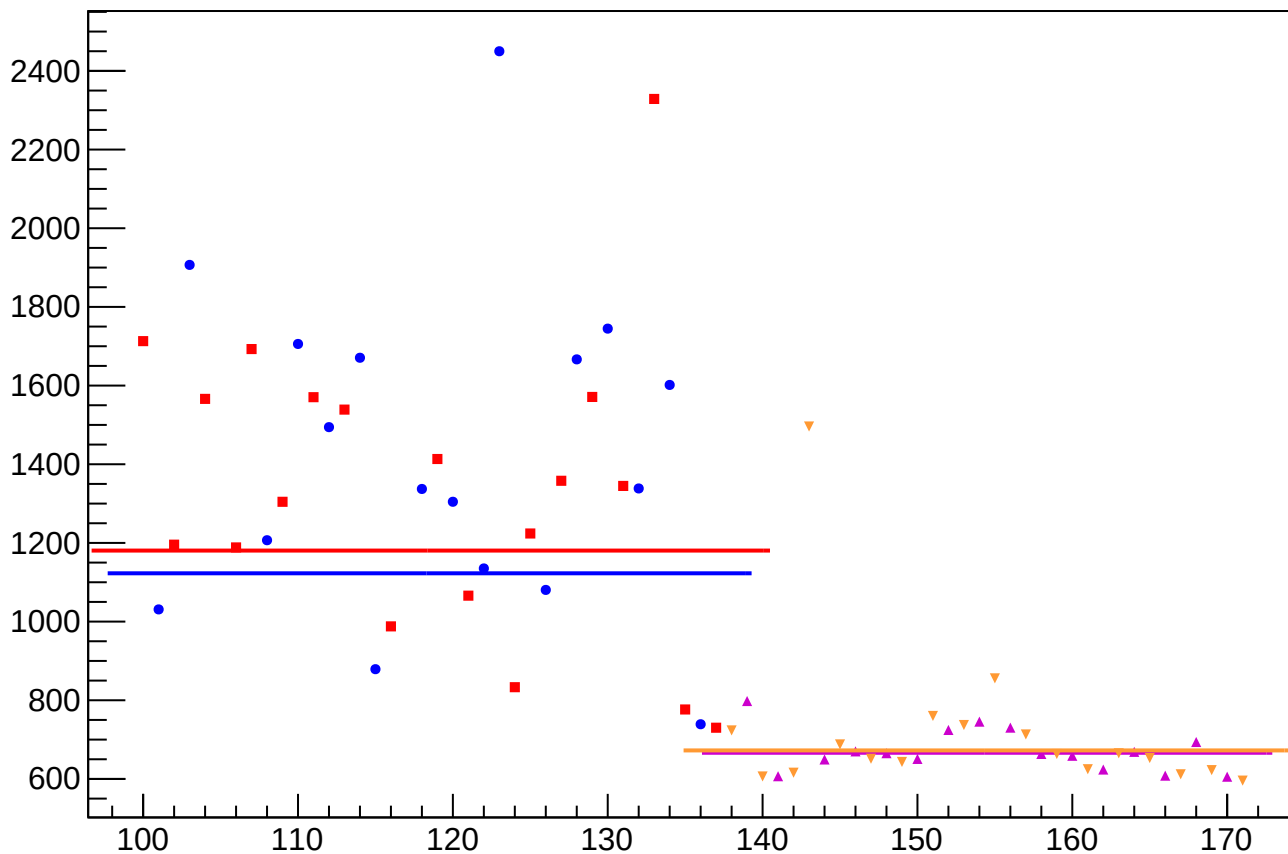
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 117.439 $\pm$ 174.258 χ^2 /NDF:35.1/32

Out: 645.930 $\pm$ 171.633 χ^2 /NDF:72.3/36

All: 385.695 $\pm$ 122.280 χ^2 /NDF: 112.1/69

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: 672.492+/-0.131 χ^2/NDF : 677915.1/17

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

Left In: 666.533+/-0.133 χ^2/NDF : 138966.0/15

Left: 669.573+/-0.093 χ^2/NDF : 817899.9/33

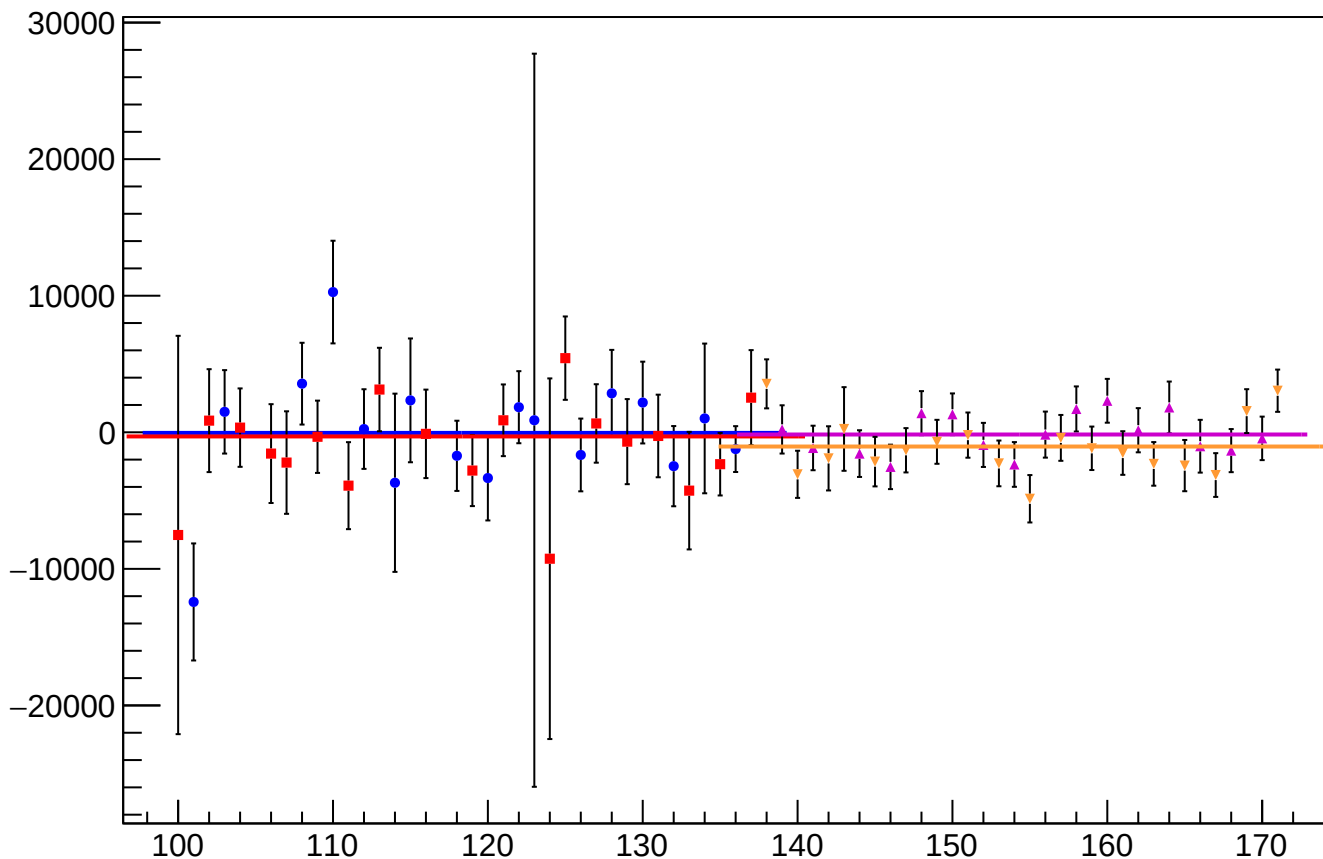
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 733.207+/-0.123 χ^2/NDF : 3037686.0/32

Out: 742.206+/-0.121 χ^2/NDF : 3788055.5/36

All: 737.775+/-0.086 χ^2/NDF : 6828449.0/69

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: -1042.320 ± 405.802 $\chi^2/\text{NDF}: 27.1/17$

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

Left In: -162.068 ± 414.588 $\chi^2/\text{NDF}: 12.7/15$

Left: -611.620 ± 290.002 $\chi^2/\text{NDF}: 42.0/33$

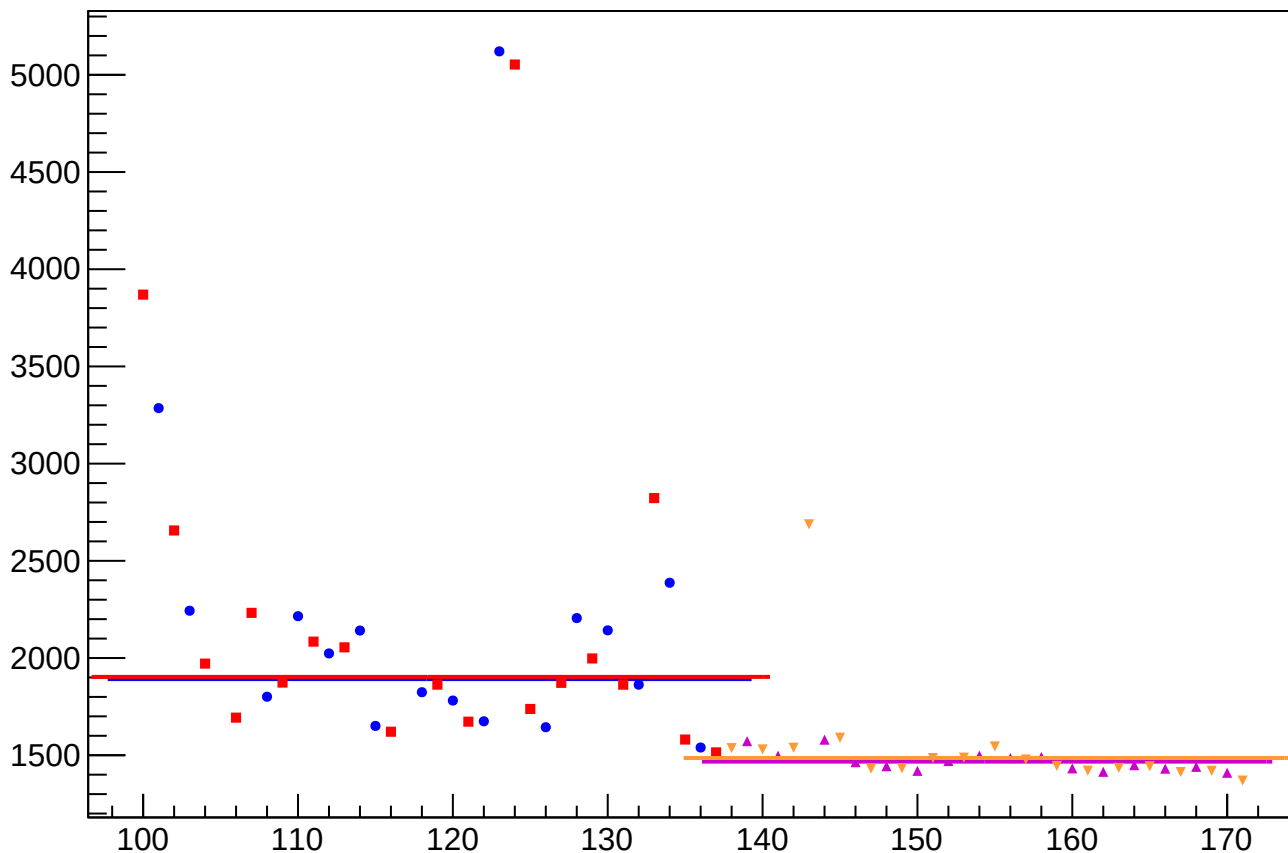
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -134.384 ± 362.567 $\chi^2/\text{NDF}: 35.9/32$

Out: -869.577 ± 355.192 $\chi^2/\text{NDF}: 38.7/36$

All: -509.534 ± 253.726 $\chi^2/\text{NDF}: 76.7/69$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1485.829 $\pm$ 0.287 χ^2 /NDF: 351905.6/17

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1467.138 $\pm$ 0.293 χ^2 /NDF: 27372.3/15

Left: 1476.684 $\pm$ 0.205 χ^2 /NDF: 381353.9/33

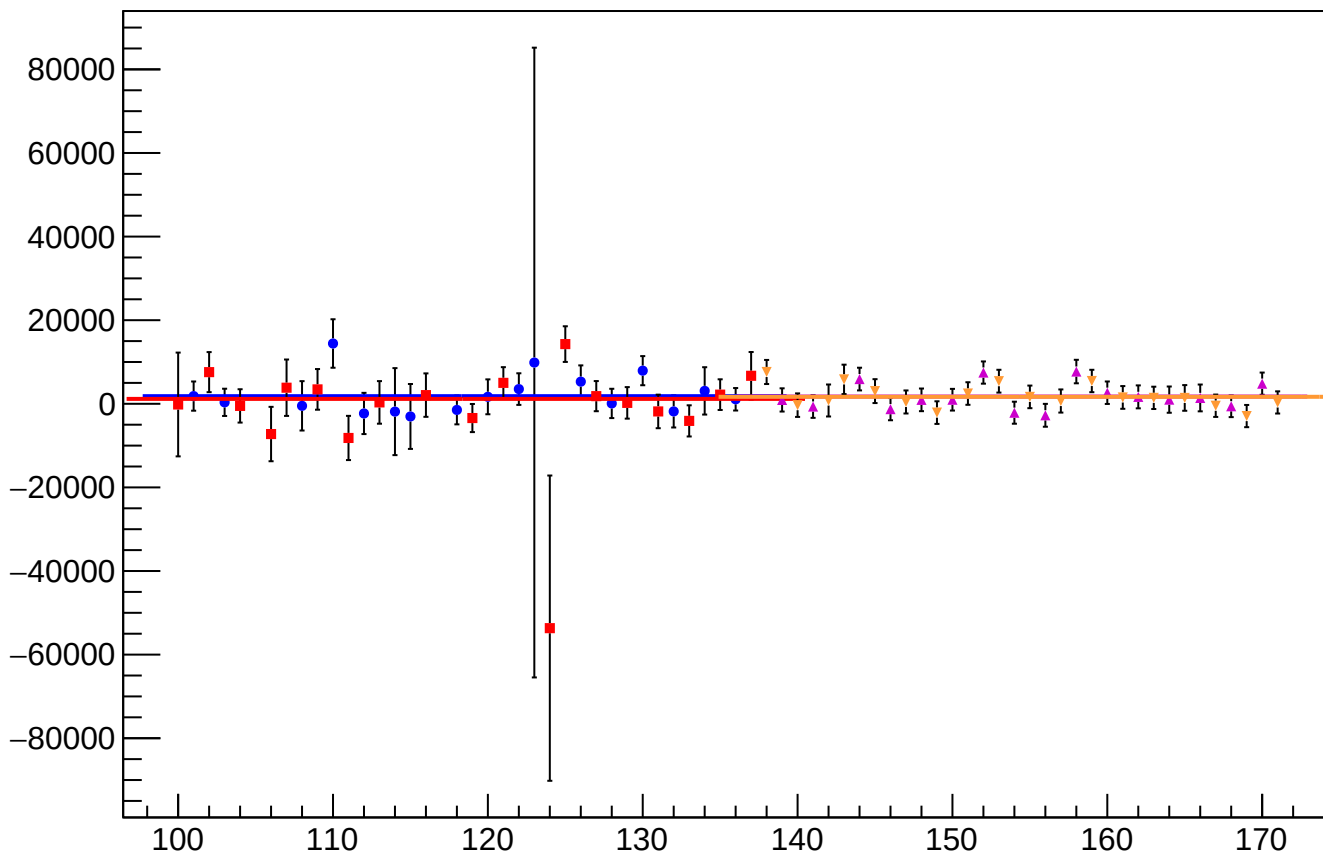
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1566.992 $\pm$ 0.256 χ^2 /NDF: 989713.0/32

Out: 1583.401 $\pm$ 0.251 χ^2 /NDF: 1306422.4/36

All: 1575.365 $\pm$ 0.179 χ^2 /NDF: 2298225.9/69

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1674.192 $\pm$ 663.604 χ^2 /NDF:16.6/17

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

Left In: 1735.923 $\pm$ 684.562 χ^2 /NDF:21.1/15

Left: 1704.098 $\pm$ 476.476 χ^2 /NDF: 37.6/33

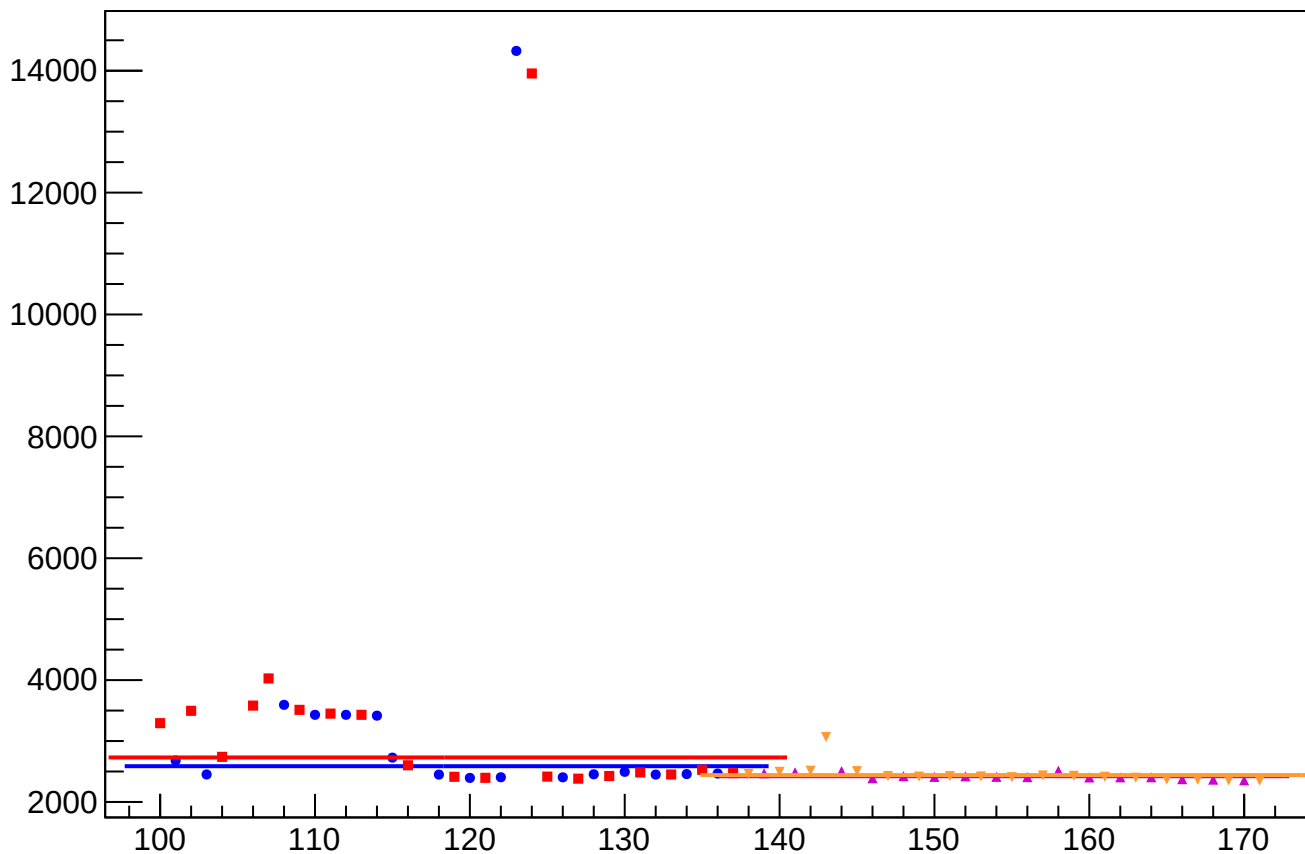
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1763.970 $\pm$ 566.695 χ^2 /NDF:33.6/32

Out: 1530.463 $\pm$ 560.379 χ^2 /NDF:42.2/36

All: 1645.908 $\pm$ 398.462 χ^2 /NDF: 75.9/69

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2441.317 $\pm$ 0.469 χ^2/NDF : 74343.5/17

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

Left In: 2422.427 $\pm$ 0.484 χ^2/NDF : 9097.6/15

Left: 2432.166 $\pm$ 0.337 χ^2/NDF : 84226.2/33

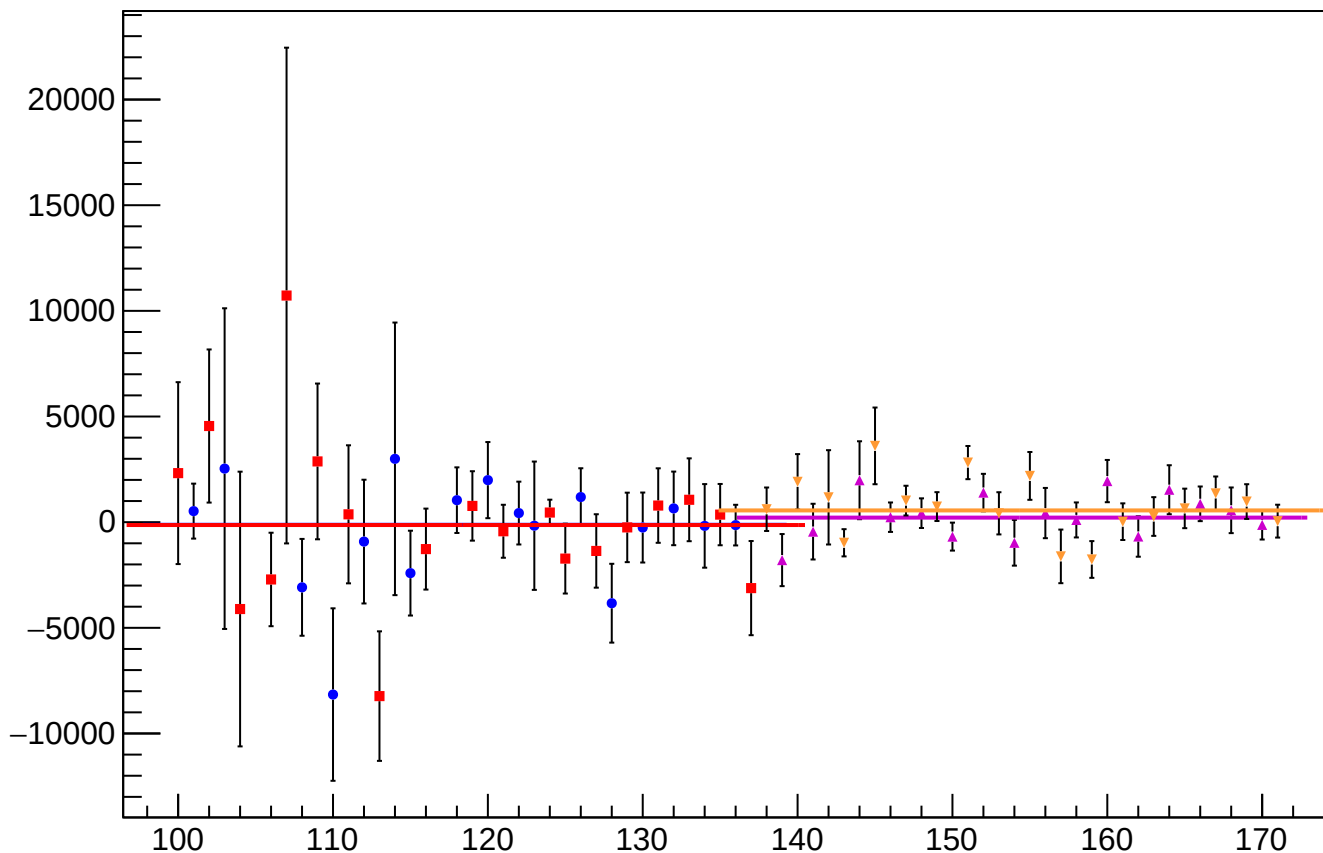
Right: 2656.218 $\pm$ 0.514 χ^2/NDF : 858580.5/35

In: 2474.213 $\pm$ 0.401 χ^2/NDF : 299578.3/32

Out: 2524.282 $\pm$ 0.396 χ^2/NDF : 768292.8/36

All: 2499.528 $\pm$ 0.282 χ^2/NDF : 1075764.7/69

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 556.348 ± 211.639 χ^2/NDF : 32.8/17

Right Out: -135.340 ± 379.439 χ^2/NDF : 17.9/18

Left In: 215.580 ± 226.737 χ^2/NDF : 14.9/15

Left: 397.686 ± 154.714 χ^2/NDF : 49.0/33

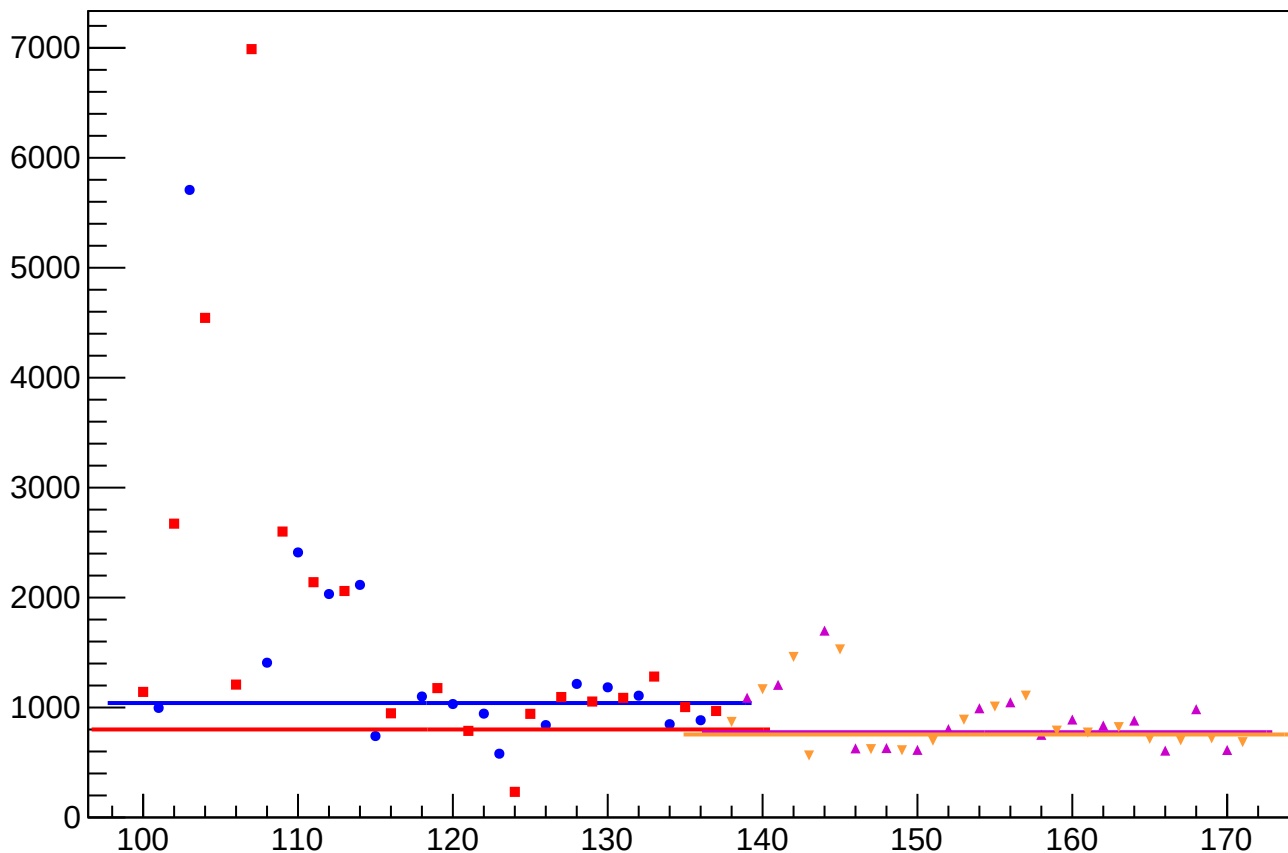
Right: -130.591 ± 284.729 χ^2/NDF : 32.6/35

In: 141.806 ± 200.640 χ^2/NDF : 30.1/32

Out: 392.221 ± 184.832 χ^2/NDF : 53.2/36

All: 277.266 ± 135.941 χ^2/NDF : 84.2/69

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 754.611+/-0.150 χ^2/NDF : 1469505.8/17

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

Left In: 775.414+/-0.160 χ^2/NDF : 1643975.5/15

Left: 764.297+/-0.109 χ^2/NDF : 3122478.5/33

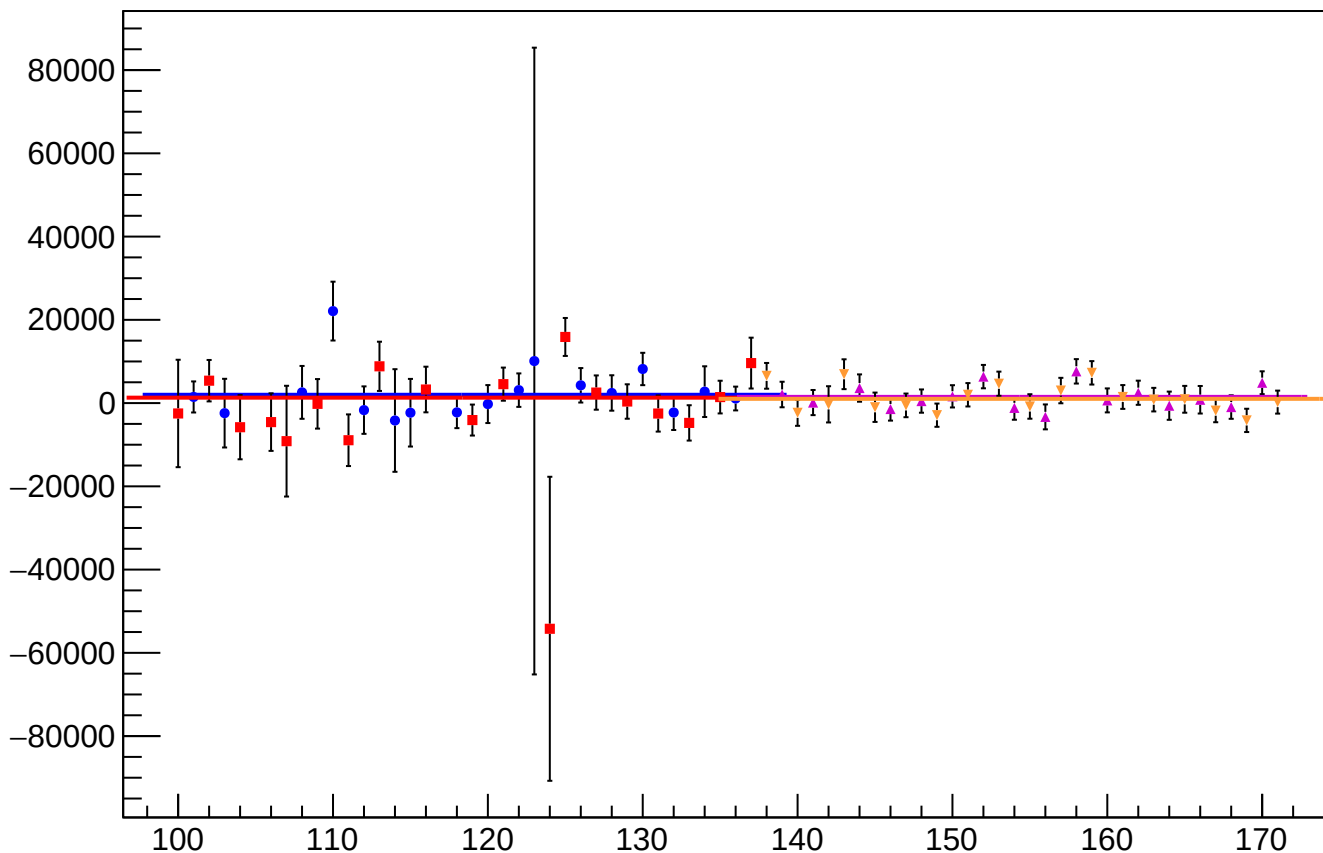
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 832.981+/-0.142 χ^2/NDF : 3811264.4/32

Out: 765.478+/-0.131 χ^2/NDF : 6678753.5/36

All: 796.466+/-0.096 χ^2/NDF : 10612479.0/69

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1021.082+/-708.031 χ^2/NDF : 21.8/17

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

Left In: 1492.671+/-733.316 χ^2/NDF : 15.6/15

Left: 1248.606+/-509.358 χ^2/NDF : 37.6/33

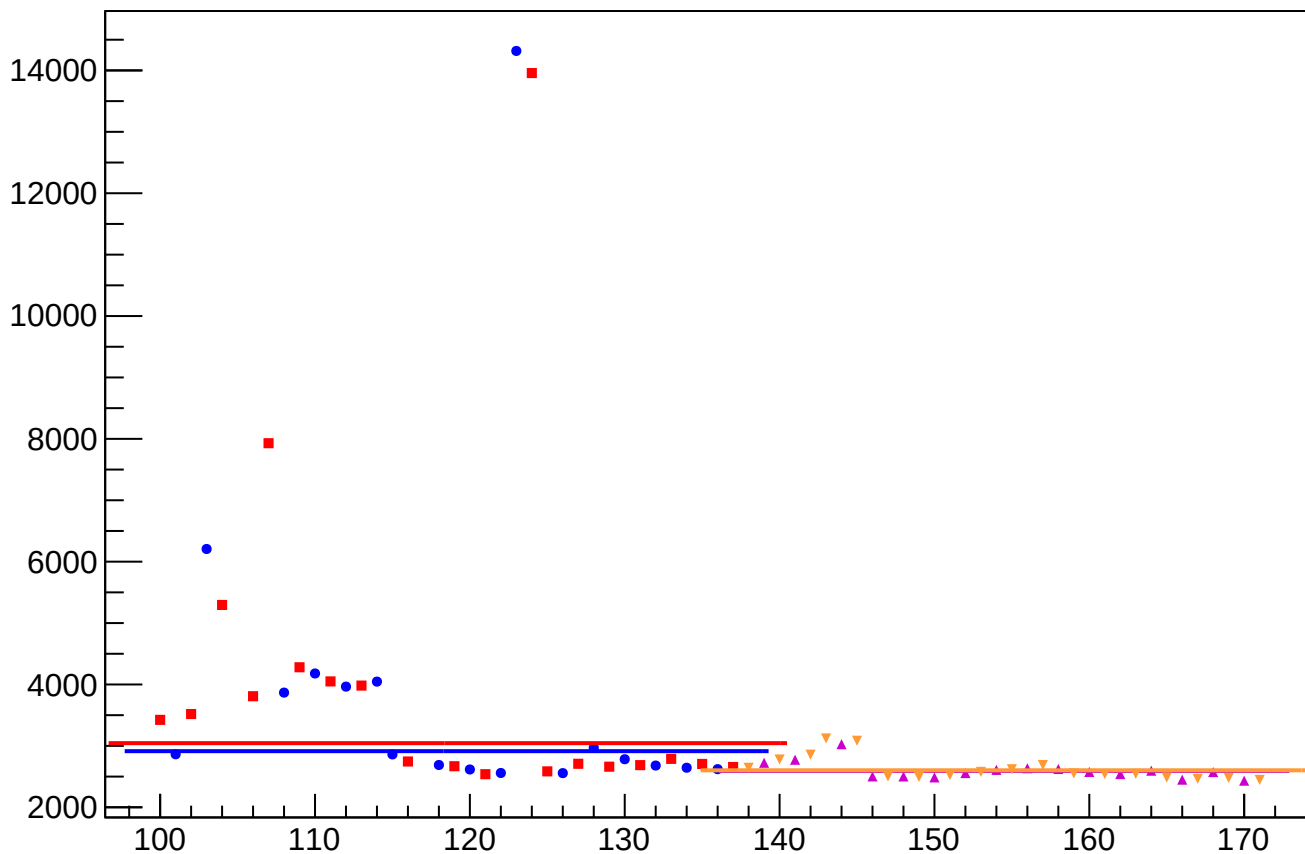
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1637.341+/-619.087 χ^2/NDF : 30.7/32

Out: 1095.207+/-608.294 χ^2/NDF : 49.4/36

All: 1361.507+/-433.895 χ^2/NDF : 80.5/69

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2602.068+/-0.501 χ^2/NDF :122106.8/17

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

Left In: 2591.750+/-0.519 χ^2/NDF :65696.5/15

Left: 2597.090+/-0.360 χ^2/NDF : 188008.2/33

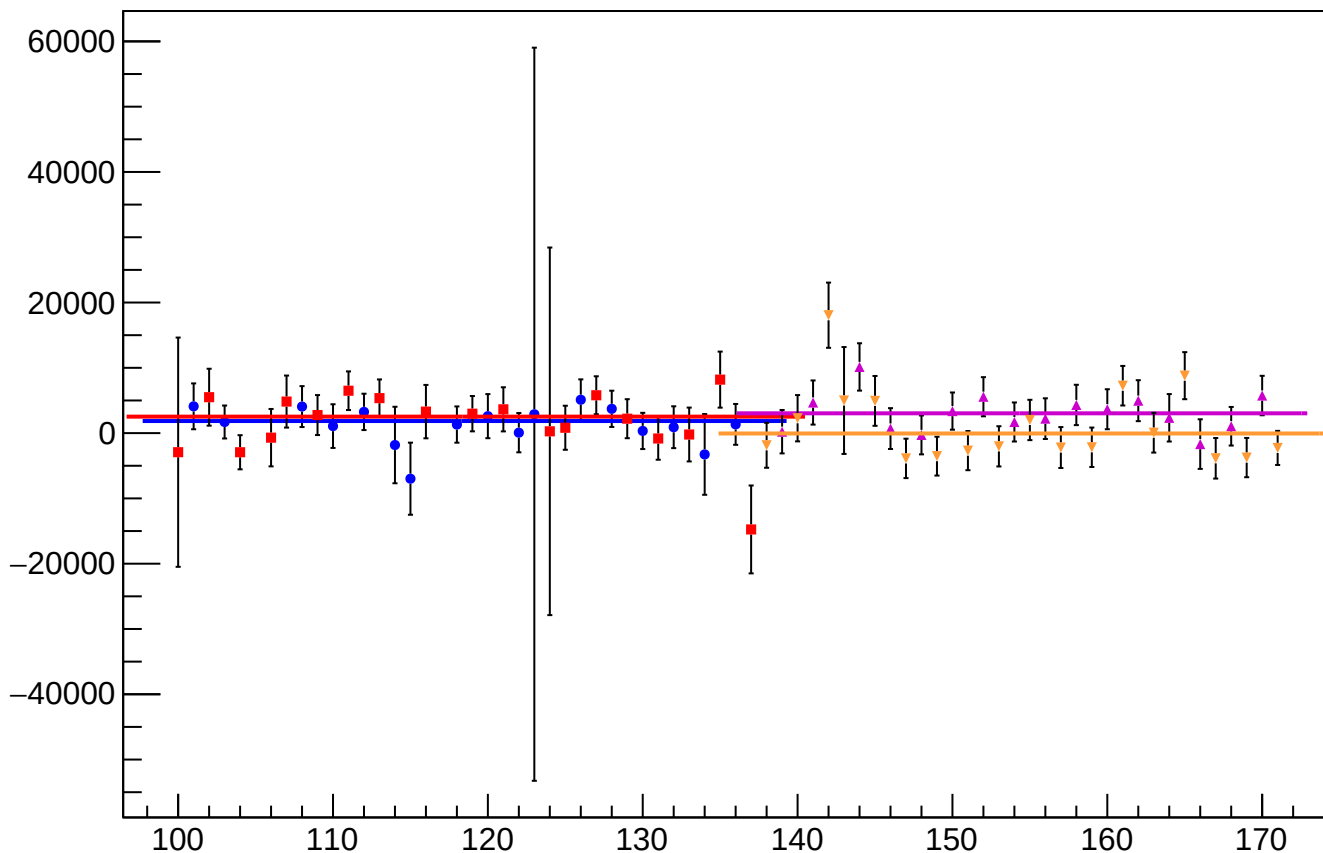
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2684.289+/-0.438 χ^2/NDF :815546.7/32

Out: 2717.929+/-0.430 χ^2/NDF :1331927.6/36

All: 2701.405+/-0.307 χ^2/NDF : 2150478.9/69

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 $\chi^2/\text{NDF}: 7.3/16$

Left Out: -56.184 ± 767.455 $\chi^2/\text{NDF}: 37.1/17$

Right Out: 2523.303 ± 818.432 $\chi^2/\text{NDF}: 20.1/18$

Left In: 3033.365 ± 790.500 $\chi^2/\text{NDF}: 11.0/15$

Left: 1442.900 ± 550.639 $\chi^2/\text{NDF}: 56.0/33$

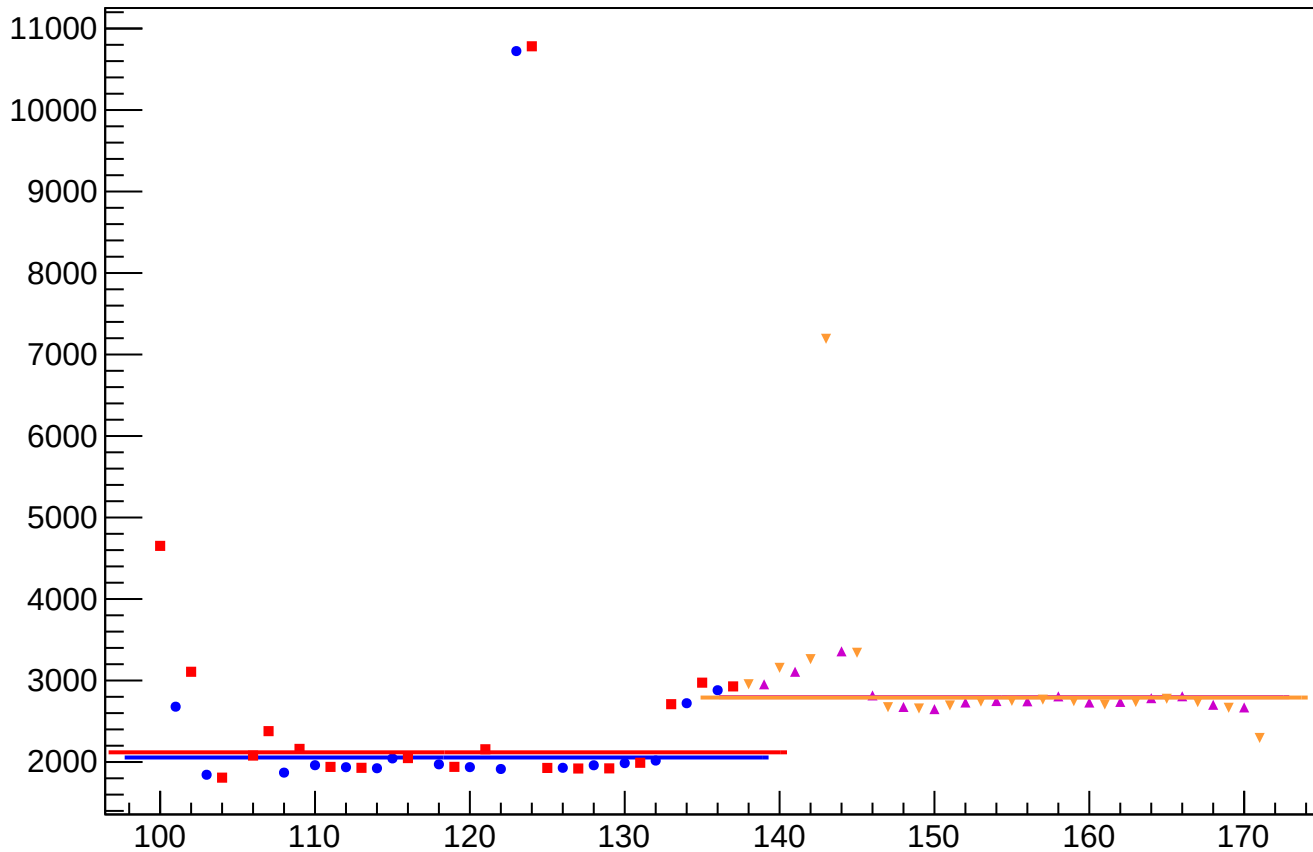
Right: 2181.863 ± 574.547 $\chi^2/\text{NDF}: 27.7/35$

In: 2453.773 ± 564.629 $\chi^2/\text{NDF}: 19.4/32$

Out: 1150.730 ± 559.827 $\chi^2/\text{NDF}: 62.5/36$

All: 1796.687 ± 397.544 $\chi^2/\text{NDF}: 84.5/69$

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2790.920+/-0.543 χ^2/NDF : 752264.2/17

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2796.165+/-0.559 χ^2/NDF : 87386.1/15

Left: 2793.465+/-0.389 χ^2/NDF : 839695.6/33

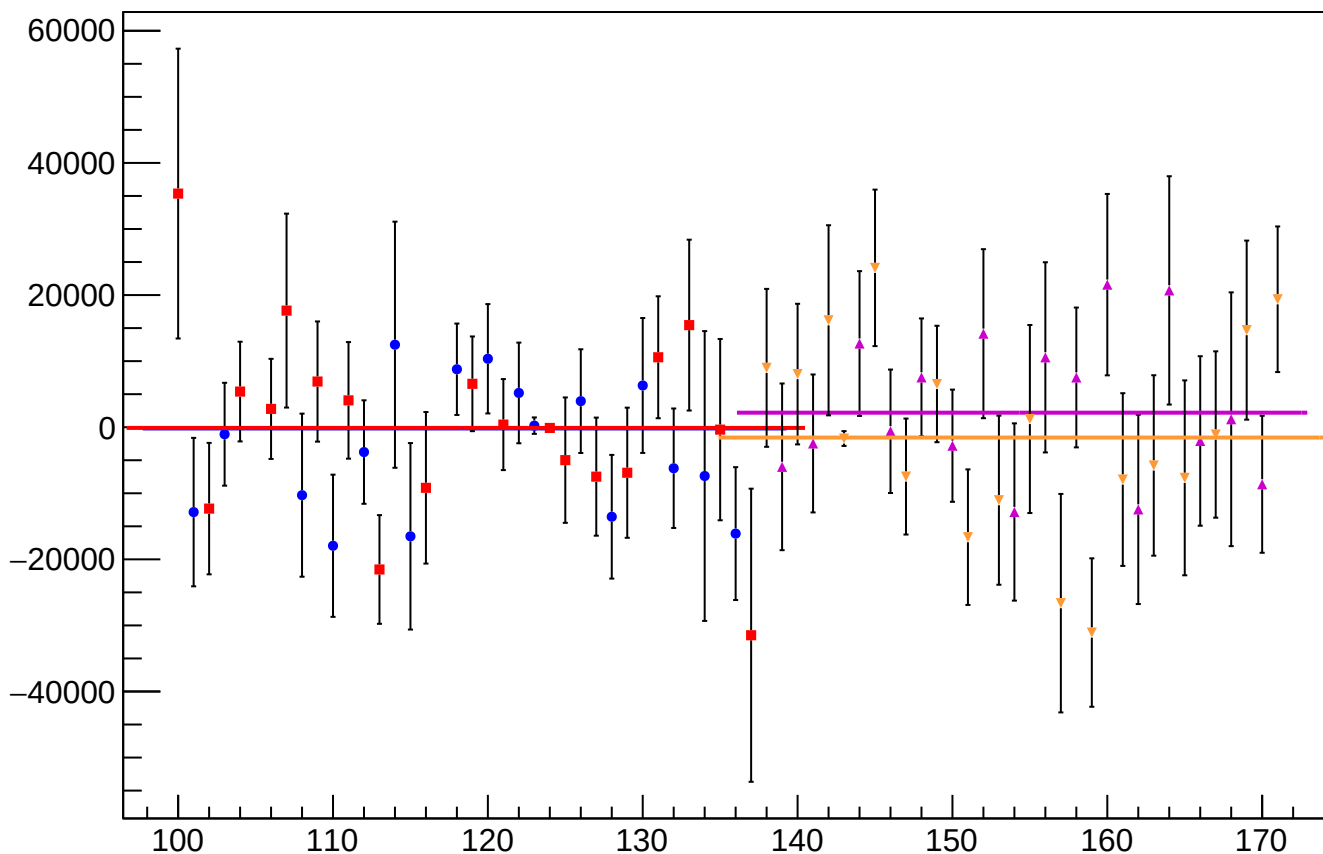
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2433.345+/-0.399 χ^2/NDF : 1263911.9/32

Out: 2475.942+/-0.396 χ^2/NDF : 2044858.8/36

All: 2454.841+/-0.281 χ^2/NDF : 3314514.9/69

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1564.196 ± 1045.100 $\chi^2/\text{NDF}: 26.6/17$

Right Out: -106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

Left In: 2199.088 ± 2902.155 $\chi^2/\text{NDF}: 10.4/15$

Left: -1132.194 ± 983.286 $\chi^2/\text{NDF}: 38.6/33$

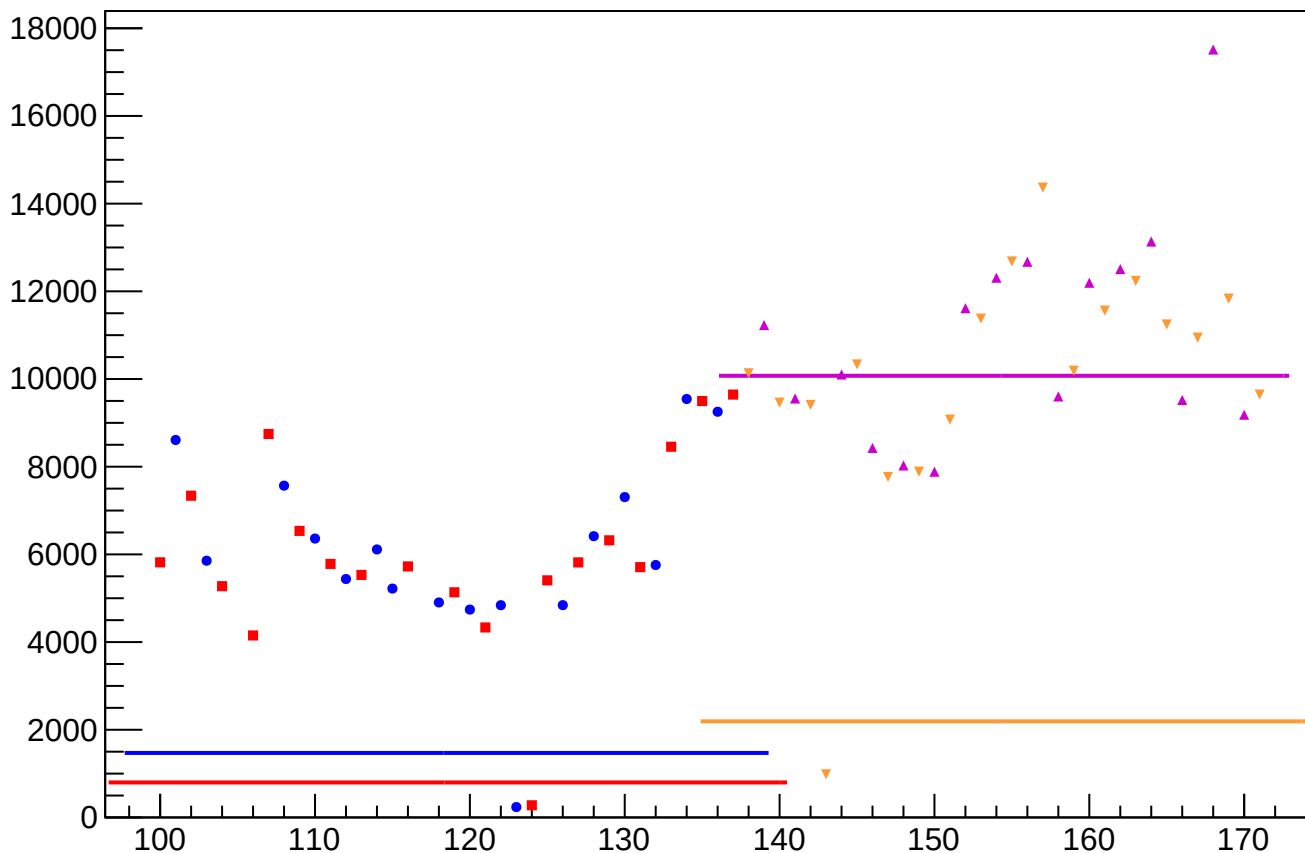
Right: -128.909 ± 585.025 $\chi^2/\text{NDF}: 38.0/35$

In: 114.637 ± 1029.231 $\chi^2/\text{NDF}: 27.4/32$

Out: -549.745 ± 576.191 $\chi^2/\text{NDF}: 49.6/36$

All: -391.209 ± 502.767 $\chi^2/\text{NDF}: 77.3/69$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 2191.917+/-0.739

χ^2/NDF : 18097054.9/17

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 10073.963+/-2.052

χ^2/NDF : 962501.8/15

Left: 3096.727+/-0.695

χ^2/NDF : 32118591.8/33

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2553.544+/-0.728

χ^2/NDF : 26112767.4/32

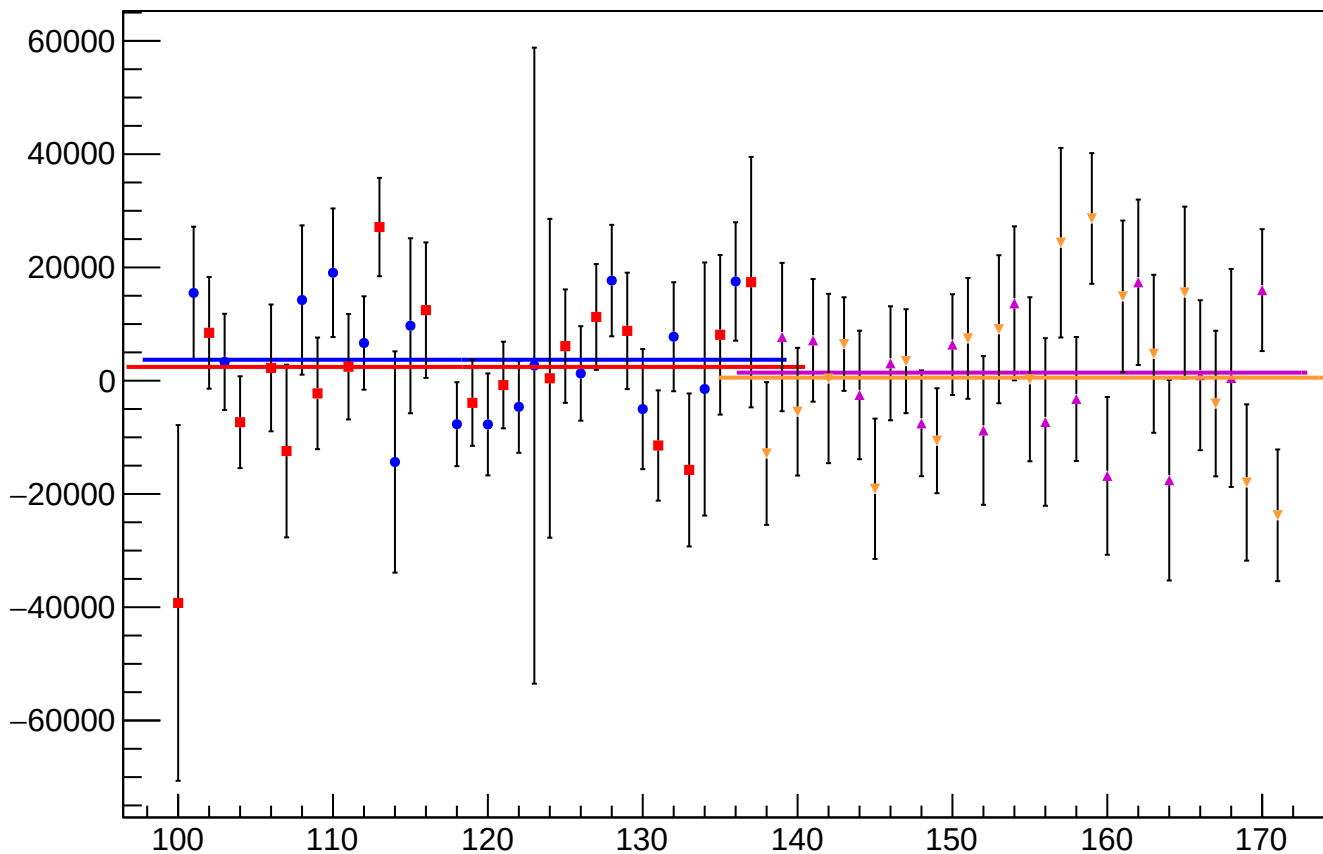
Out: 1222.143+/-0.407

χ^2/NDF : 32098661.9/36

All: 1539.843+/-0.356

χ^2/NDF : 60759570.6/60

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 533.505+/-2799.976 χ^2/NDF : 23.3/17

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

Left In: 1423.671+/-3011.386 χ^2/NDF : 9.7/15

Left: 946.248+/-2050.551 χ^2/NDF : 33.1/33

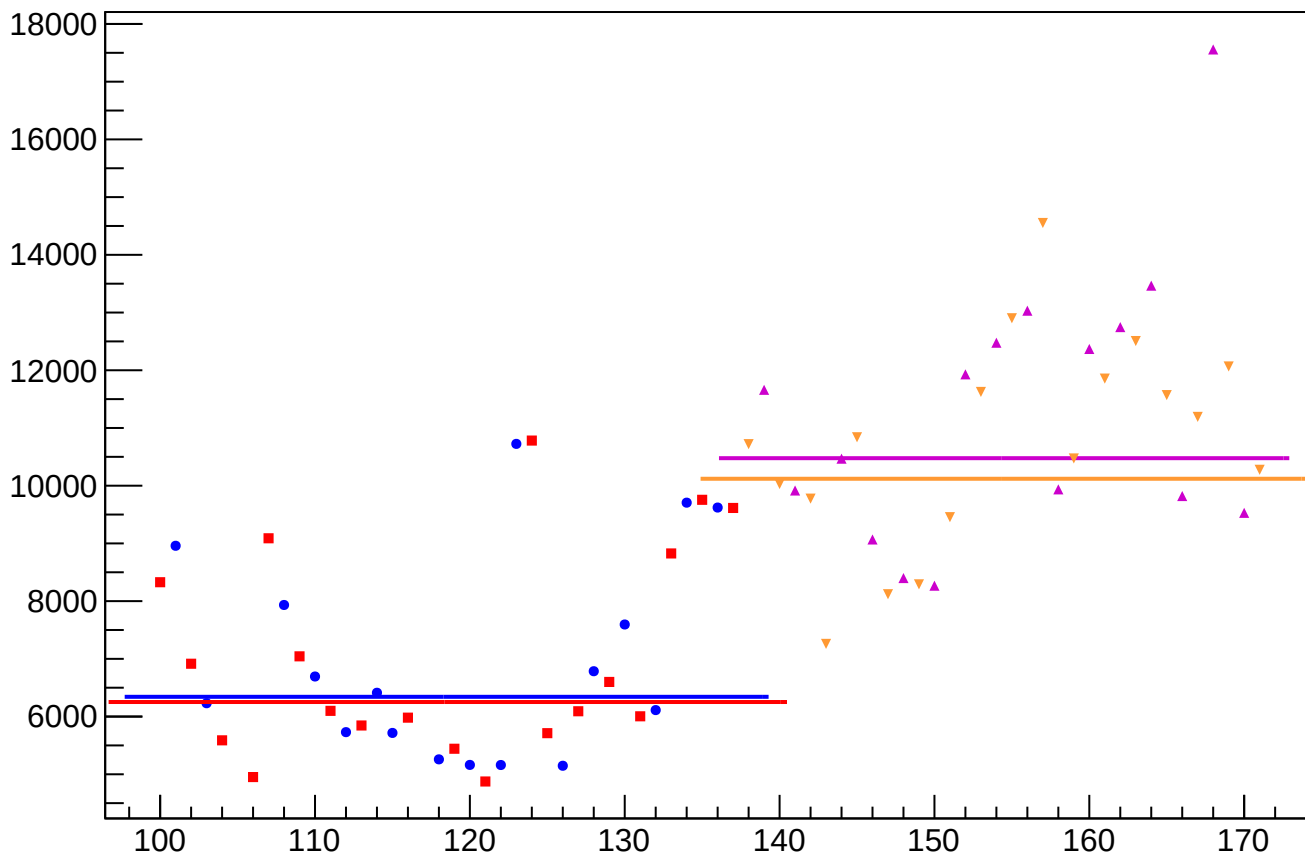
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2762.452+/-1931.670 χ^2/NDF : 24.4/32

Out: 1618.663+/-1831.531 χ^2/NDF : 43.9/36

All: 2160.143+/-1329.080 χ^2/NDF : 68.5/69

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 10120.184+/-1.980 χ^2/NDF : 839640.3/17

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

Left In: 10476.733+/-2.129 χ^2/NDF : 848647.4/15

Left: 10285.505+/-1.450 χ^2/NDF : 1703324.9/33

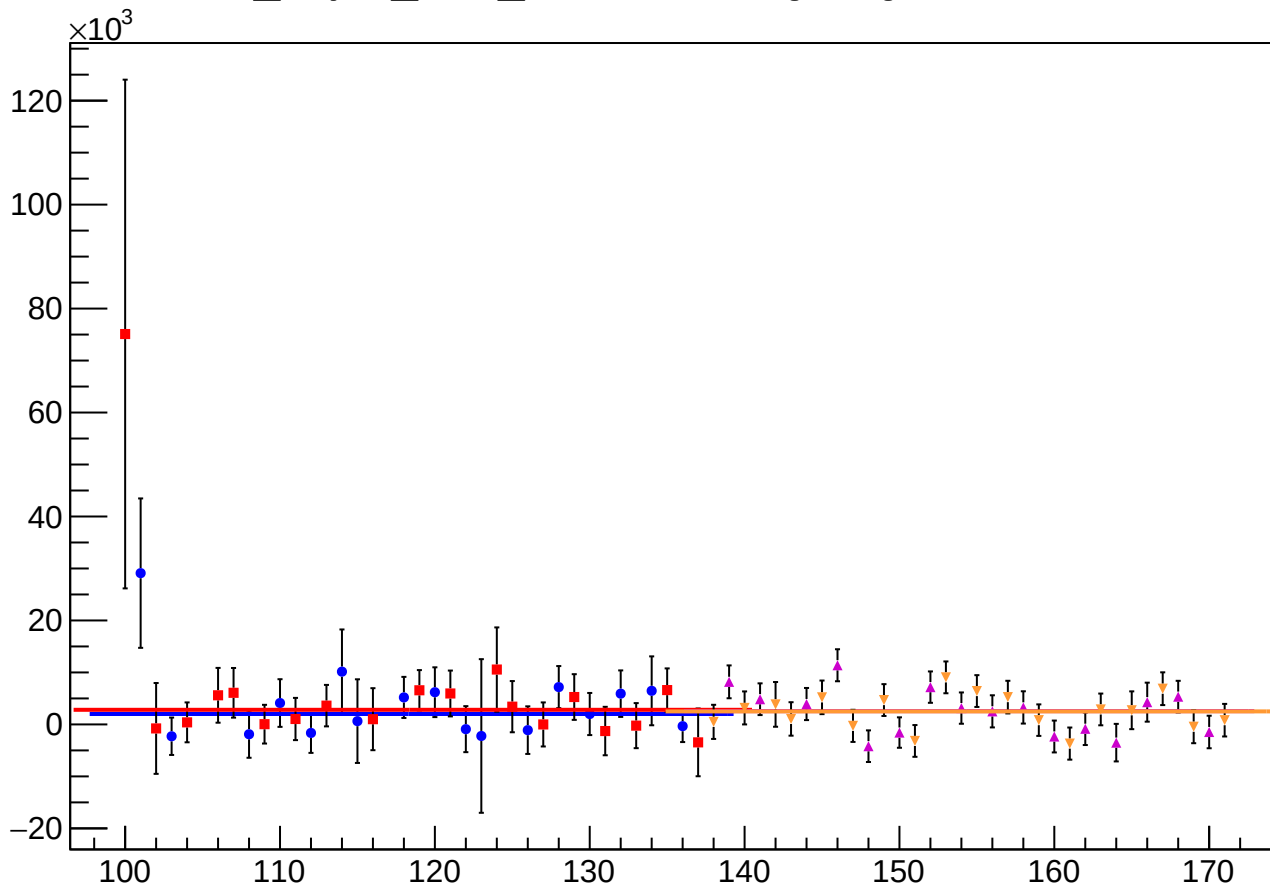
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8043.482+/-1.366 χ^2/NDF : 3661009.7/32

Out: 7907.101+/-1.295 χ^2/NDF : 3561460.2/36

All: 7971.663+/-0.940 χ^2/NDF : 7227719.9/69

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2504.381+/-751.558 χ^2/NDF : 20.6/17

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

Left In: 2555.004+/-781.578 χ^2/NDF : 30.7/15

Left: 2528.701+/-541.734 χ^2/NDF : 51.3/33

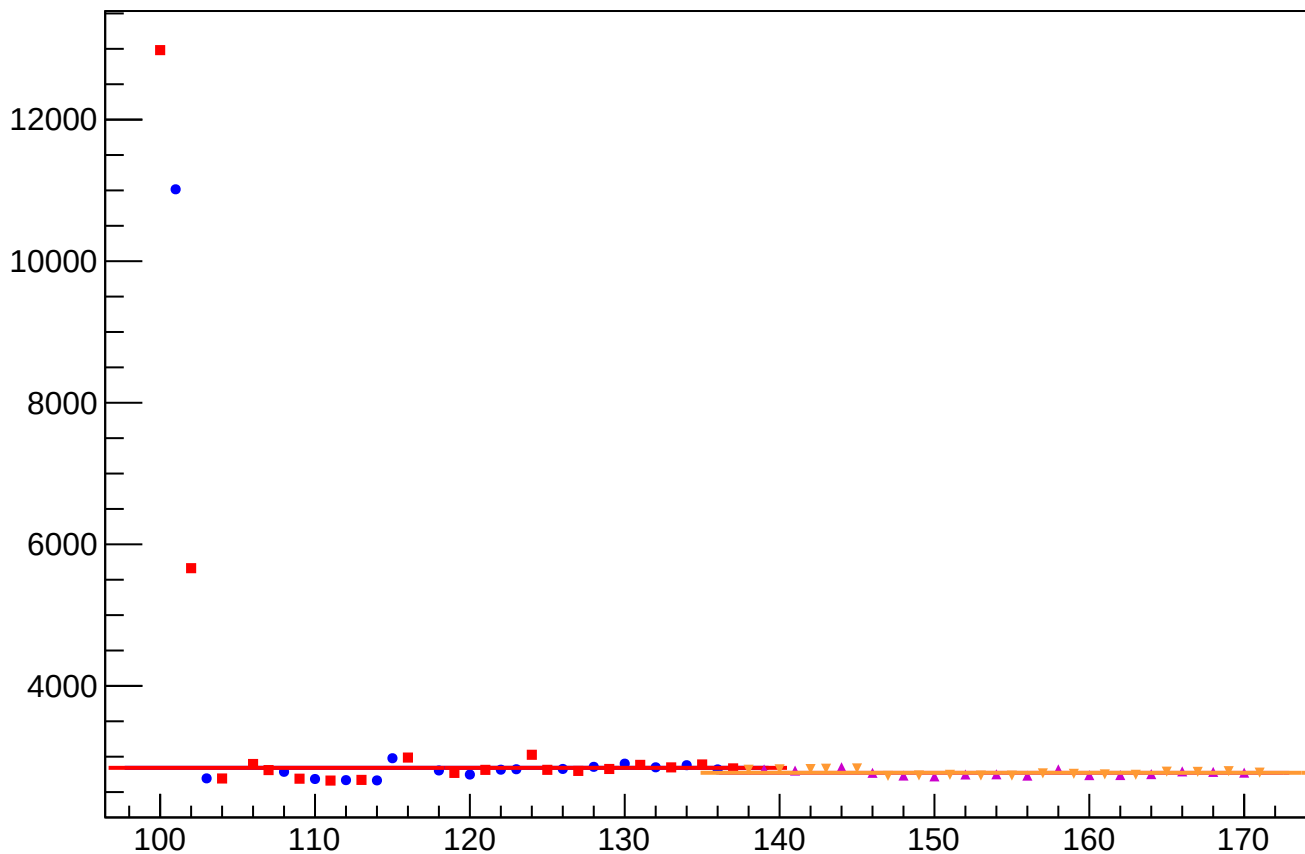
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 2375.917+/-641.957 χ^2/NDF : 44.6/32

Out: 2603.834+/-618.102 χ^2/NDF : 31.2/36

All: 2494.189+/-445.259 χ^2/NDF : 75.8/69

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2772.605+/-0.531 χ^2/NDF : 4564.3/17

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

Left In: 2770.774+/-0.553 χ^2/NDF : 4511.1/15

Left: 2771.725+/-0.383 χ^2/NDF : 9081.1/33

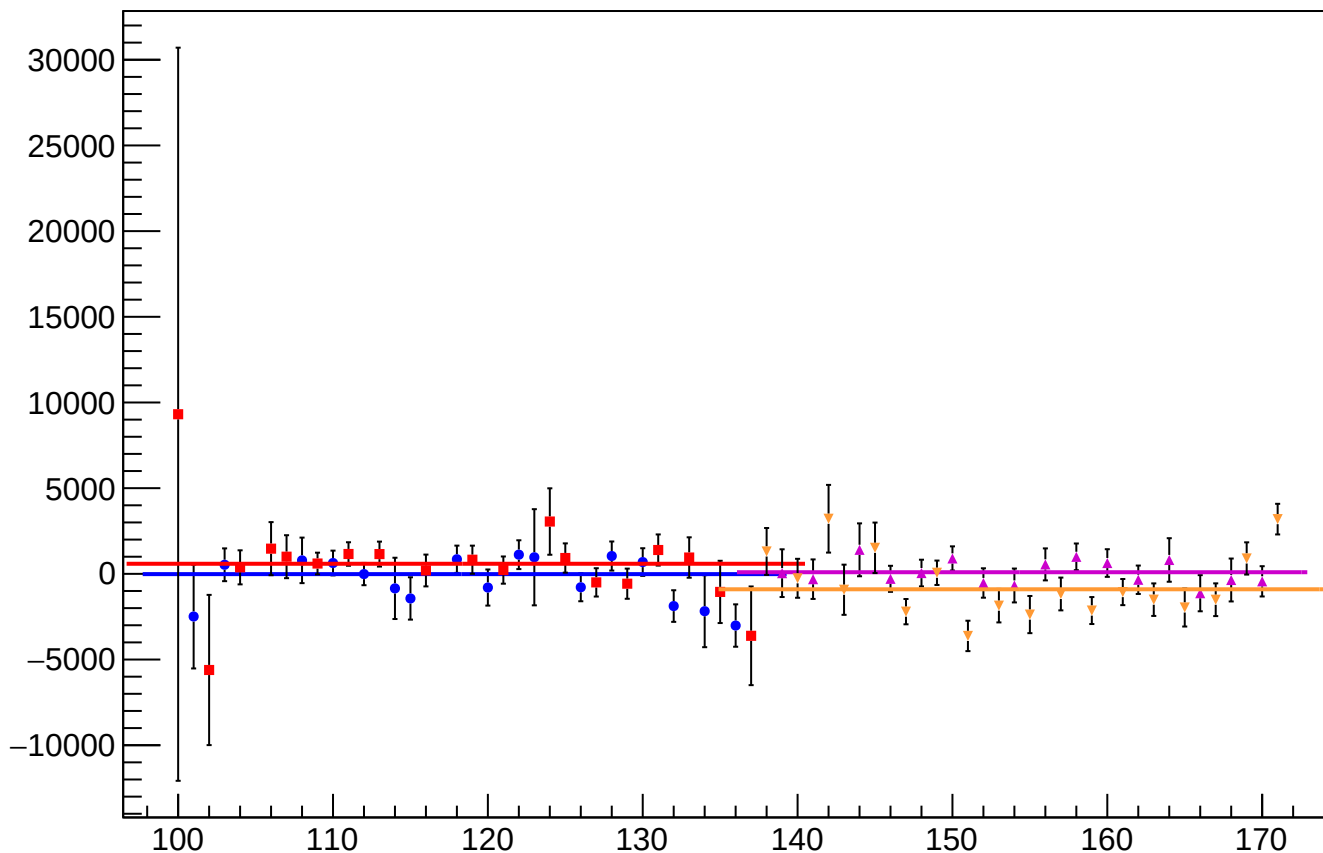
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2794.153+/-0.454 χ^2/NDF : 670316.3/32

Out: 2795.205+/-0.437 χ^2/NDF : 322488.2/36

All: 2794.699+/-0.315 χ^2/NDF : 992807.3/69

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -900.359 ± 227.656 χ^2/NDF : 56.1/17

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 95.249 ± 231.314 χ^2/NDF : 8.0/15

Left: -410.490 ± 162.255 χ^2/NDF : 73.5/33

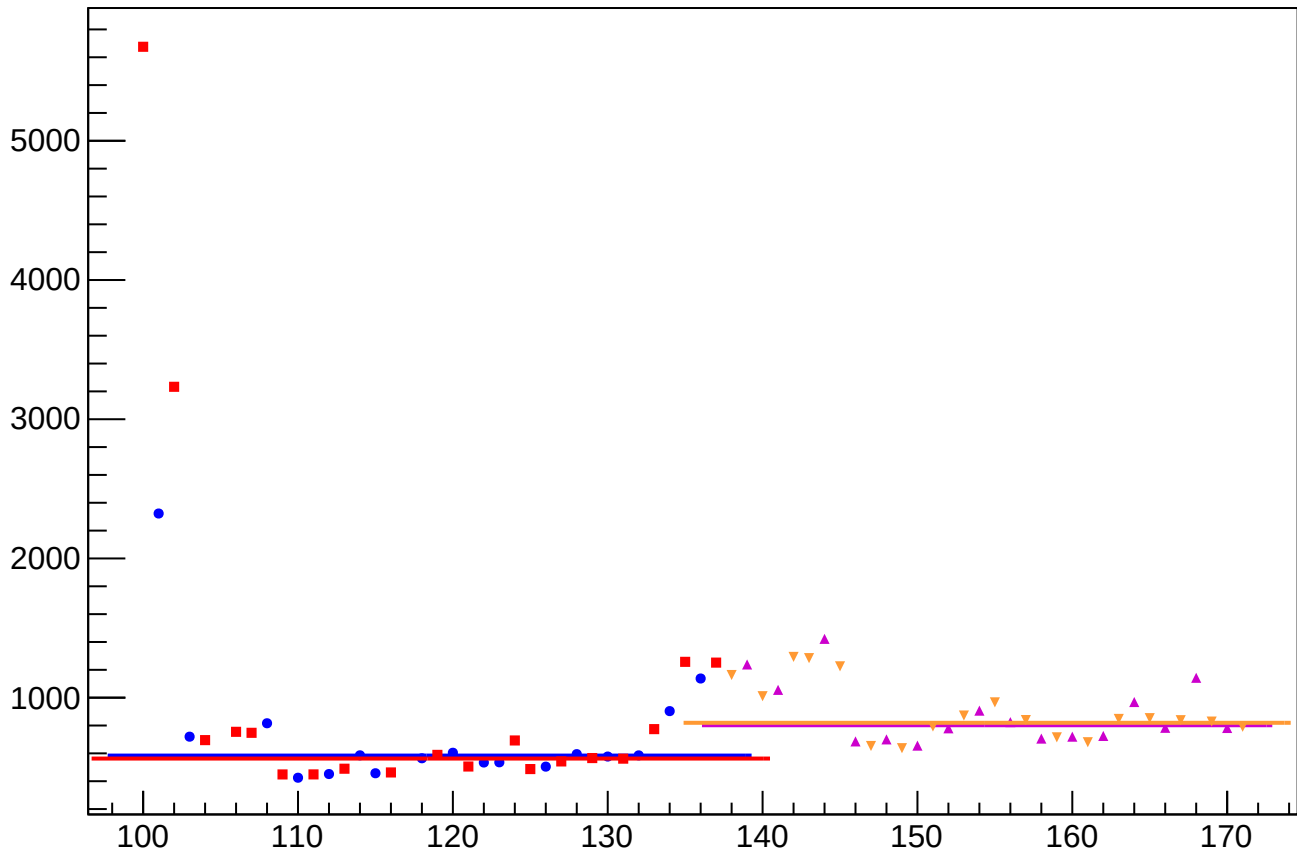
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 41.589 ± 166.168 χ^2/NDF : 29.7/32

Out: -149.790 ± 160.316 χ^2/NDF : 91.2/36

All: -57.530 ± 115.374 χ^2/NDF : 121.6/69

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 819.559+/-0.161 χ^2/NDF :1036946.6/17

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 802.009+/-0.164 χ^2/NDF :1061464.1/15

Left: 810.924+/-0.115 χ^2/NDF : 2104259.0/33

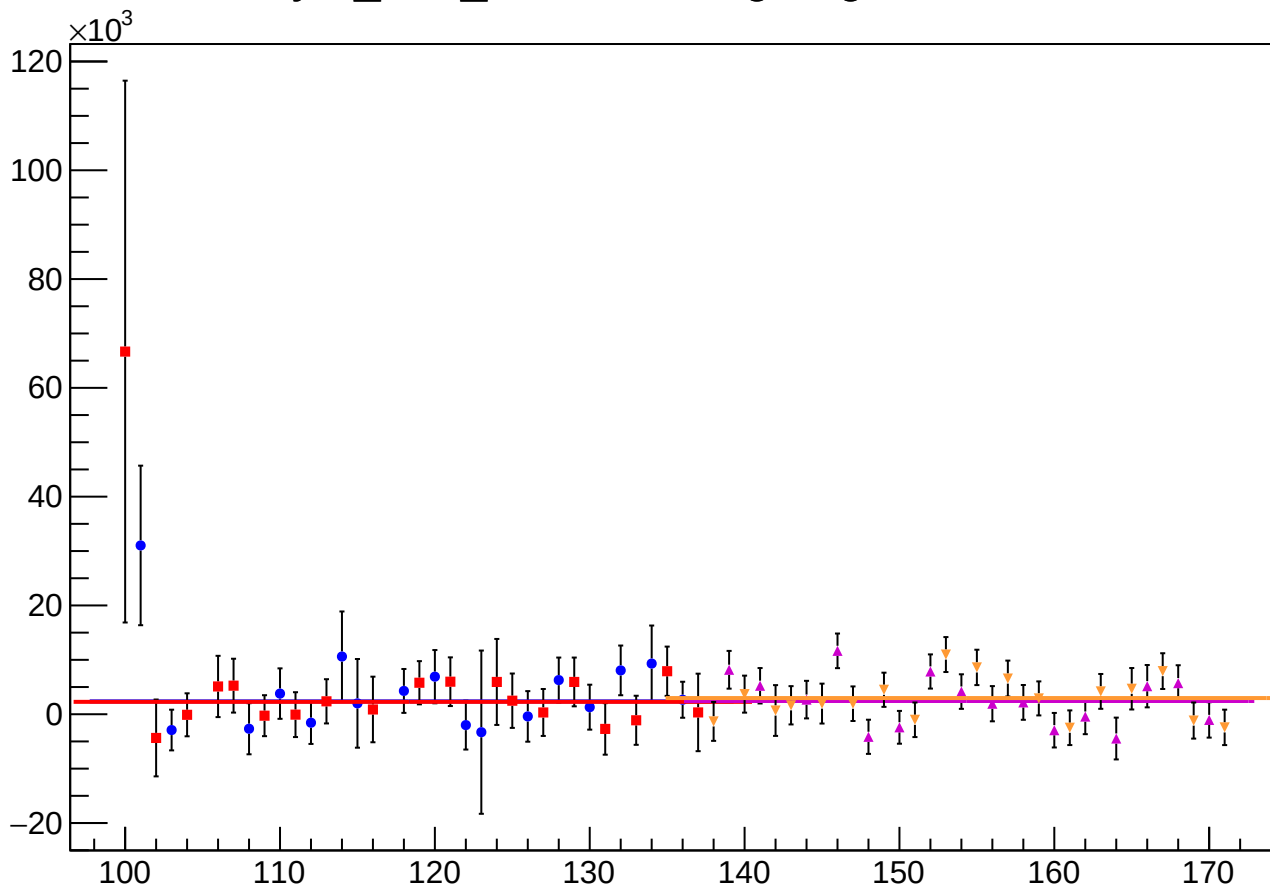
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 696.530+/-0.117 χ^2/NDF :3357398.5/32

Out: 690.073+/-0.113 χ^2/NDF :3960033.6/36

All: 693.186+/-0.082 χ^2/NDF : 7318996.1/69

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2973.748 $\pm$ 792.224 χ^2 /NDF: 24.1/17

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2435.412 $\pm$ 822.046 χ^2 /NDF: 31.6/15

Left: 2714.522 $\pm$ 570.439 χ^2 /NDF: 56.0/33

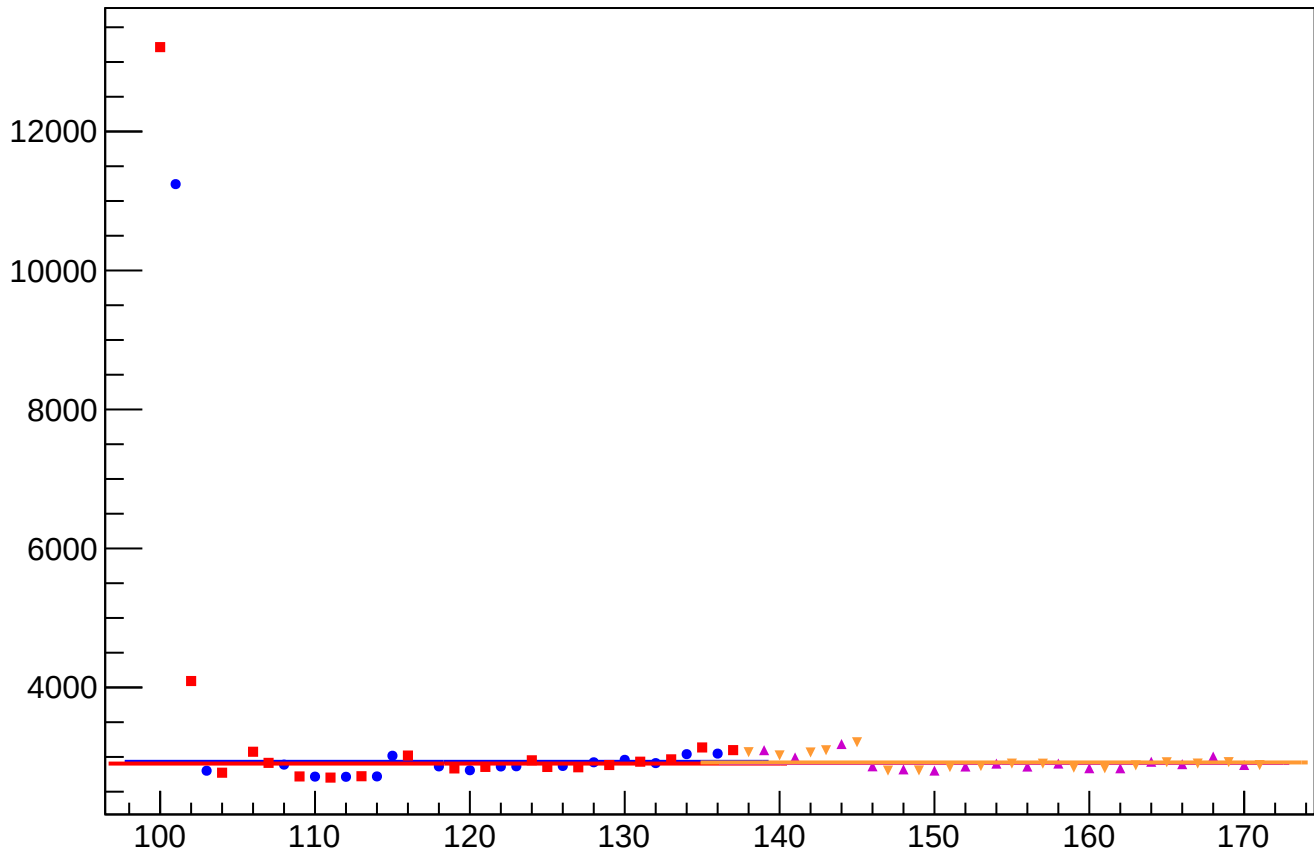
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2411.135 $\pm$ 670.695 χ^2 /NDF: 46.7/32

Out: 2739.245 $\pm$ 645.158 χ^2 /NDF: 34.6/36

All: 2581.555 $\pm$ 464.962 χ^2 /NDF: 81.4/69

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2920.634+/-0.560 χ^2/NDF : 34726.1/17

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2912.728+/-0.581 χ^2/NDF : 29225.9/15

Left: 2916.827+/-0.403 χ^2/NDF : 64048.0/33

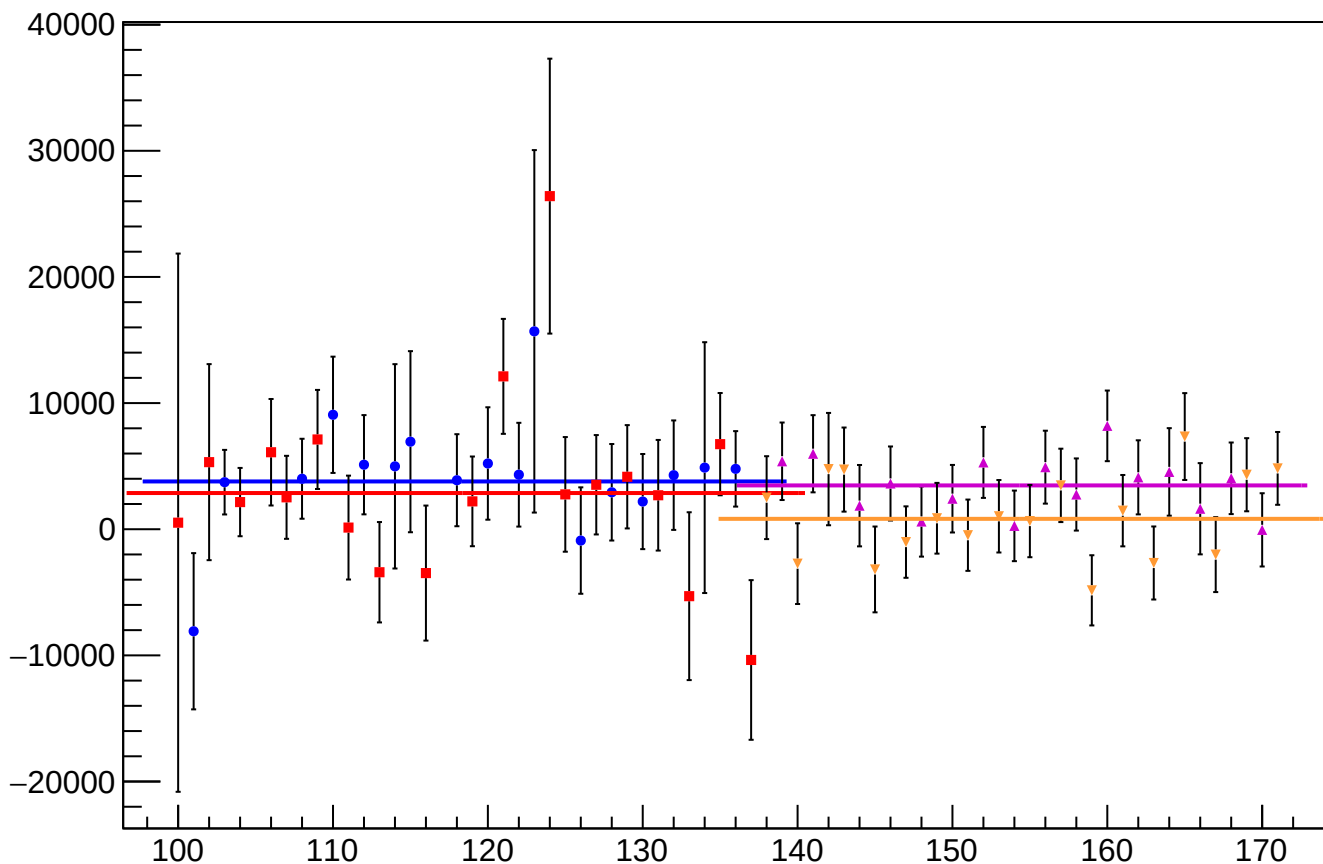
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2918.386+/-0.474 χ^2/NDF : 692138.4/32

Out: 2915.223+/-0.456 χ^2/NDF : 204291.8/36

All: 2916.743+/-0.329 χ^2/NDF : 896453.3/69

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 823.471+/-713.234 χ^2/NDF : 20.1/17

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3473.312+/-738.135 χ^2/NDF : 9.3/15

Left: 2102.942+/-512.910 χ^2/NDF : 36.1/33

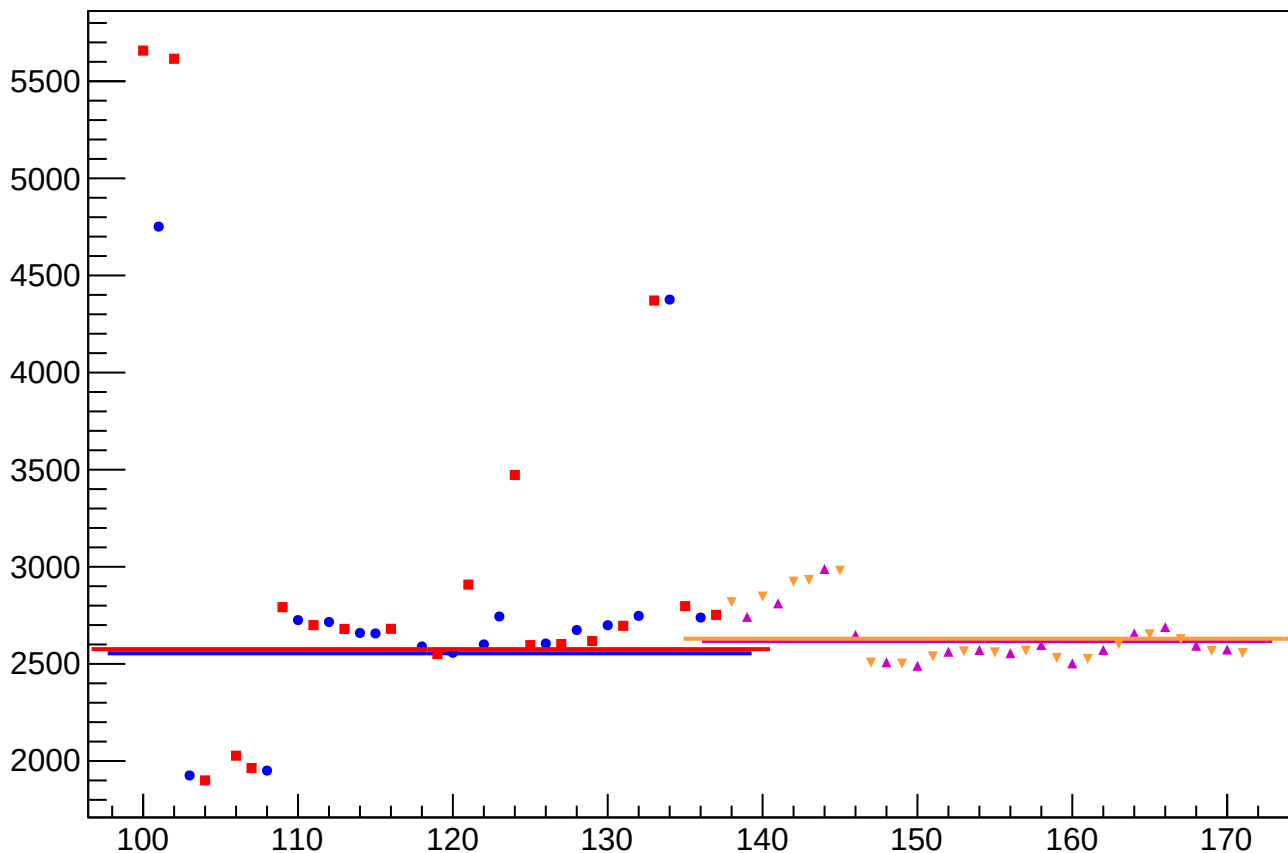
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3583.083+/-595.561 χ^2/NDF : 17.1/32

Out: 1510.638+/-581.250 χ^2/NDF : 44.9/36

All: 2521.663+/-415.973 χ^2/NDF : 68.2/69

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2629.738 $\pm$ 0.504 χ^2 /NDF: 82999.9/17

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2617.329 $\pm$ 0.522 χ^2 /NDF: 53491.8/15

Left: 2623.746 $\pm$ 0.363 χ^2 /NDF: 136784.0/33

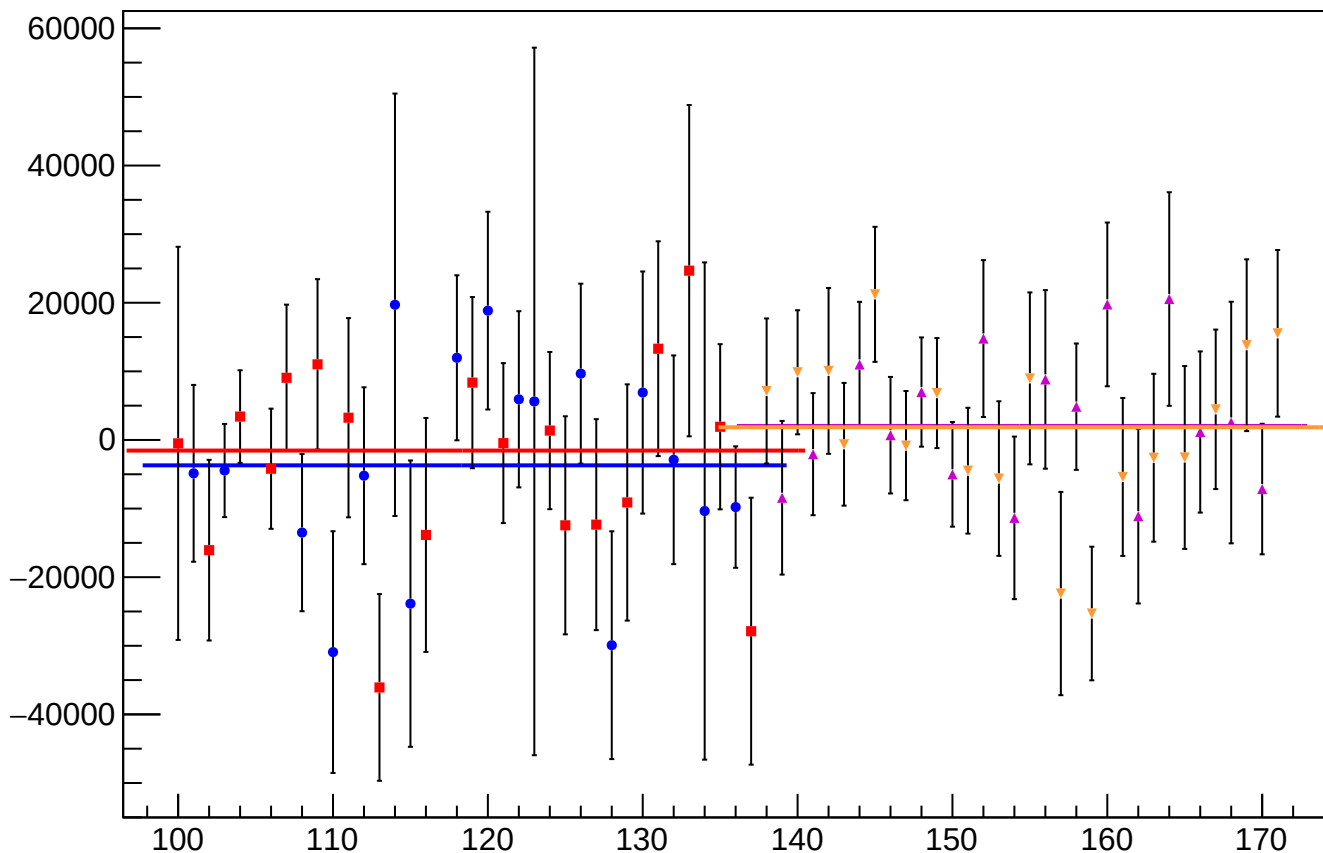
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2595.415 $\pm$ 0.421 χ^2 /NDF: 595169.1/32

Out: 2611.706 $\pm$ 0.411 χ^2 /NDF: 851960.8/36

All: 2603.759 $\pm$ 0.294 χ^2 /NDF: 1447896.4/69

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 ± 3217.843 $\chi^2/\text{NDF}: 13.8/16$

Left Out: 1849.581 ± 2470.432 $\chi^2/\text{NDF}: 20.5/17$

Right Out: -1544.858 ± 2896.847 $\chi^2/\text{NDF}: 16.8/18$

Left In: 2032.317 ± 2575.339 $\chi^2/\text{NDF}: 11.8/15$

Left: 1937.152 ± 1782.793 $\chi^2/\text{NDF}: 32.3/33$

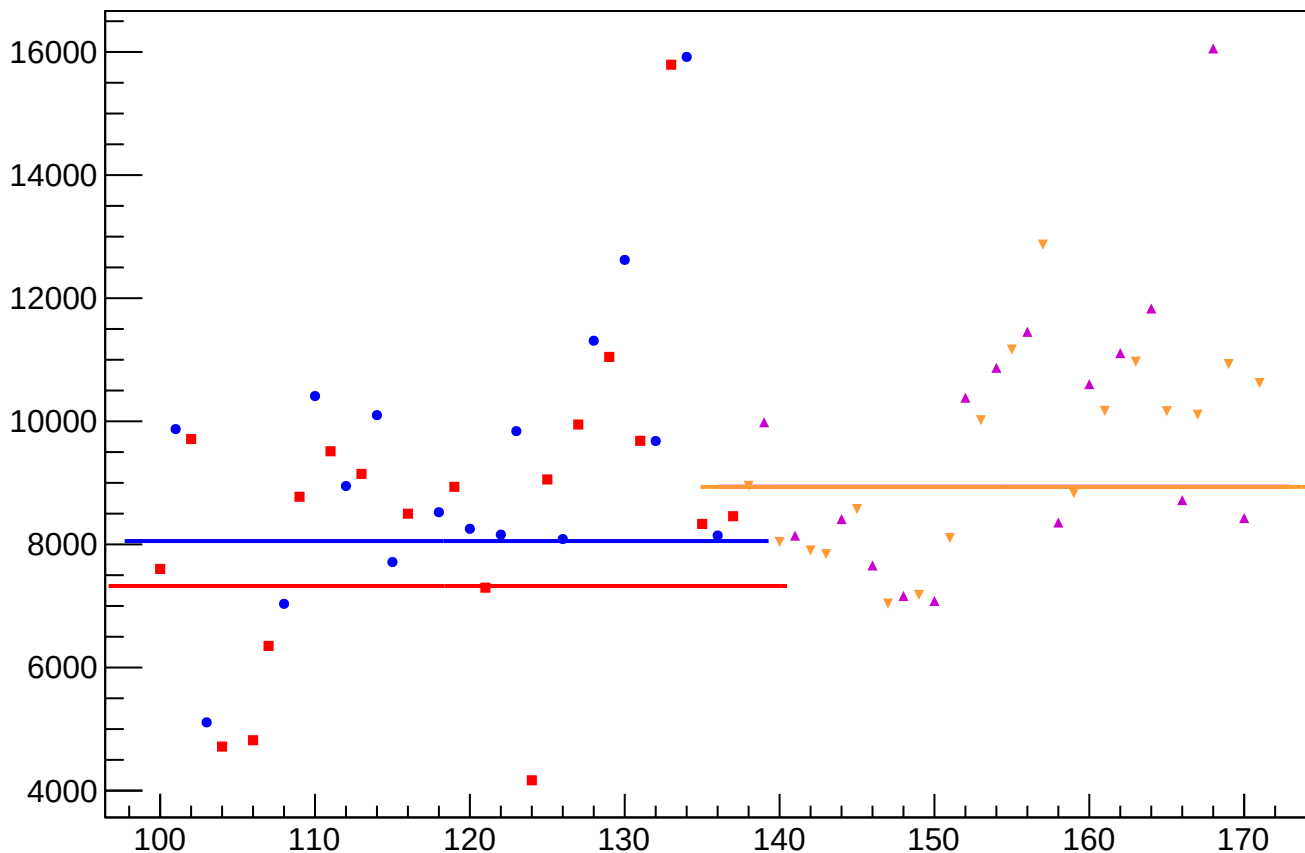
Right: -2509.390 ± 2152.947 $\chi^2/\text{NDF}: 30.8/35$

In: -205.626 ± 2010.677 $\chi^2/\text{NDF}: 27.6/32$

Out: 420.349 ± 1879.720 $\chi^2/\text{NDF}: 38.1/36$

All: 128.409 ± 1373.127 $\chi^2/\text{NDF}: 65.7/69$

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8934.136+/-1.747 χ^2/NDF : 720890.5/17

Right Out: 7324.291+/-2.048 χ^2/NDF : 1336145.7/18

Left In: 8937.624+/-1.821 χ^2/NDF : 971085.3/15

Left: 8935.808+/-1.261 χ^2/NDF : 1691977.7/33

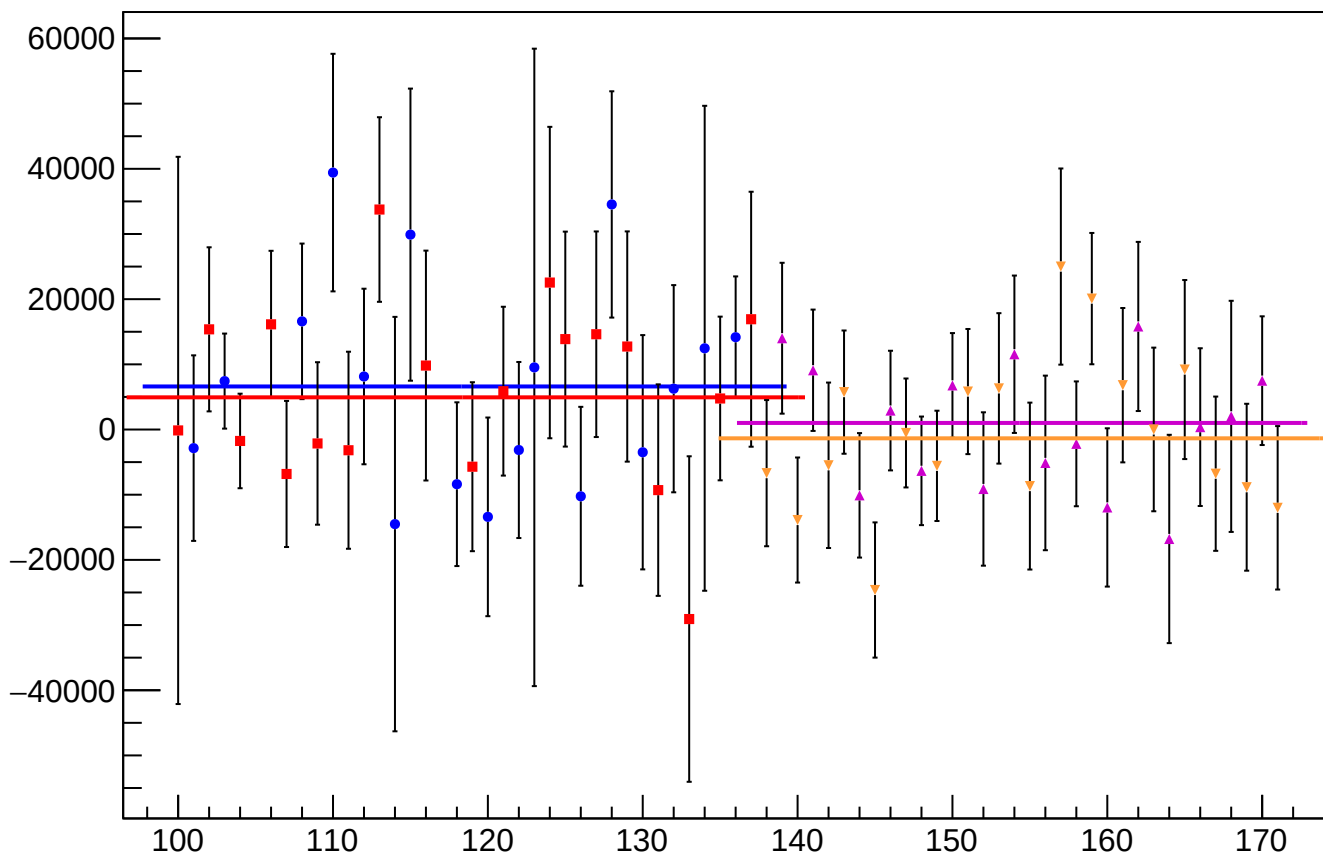
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8592.923+/-1.422 χ^2/NDF : 1883616.8/32

Out: 8256.309+/-1.329 χ^2/NDF : 2414627.4/36

All: 8413.298+/-0.971 χ^2/NDF : 4328156.2/69

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1348.879+/-2574.261 χ^2/NDF : 19.2/17

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1011.120+/-2679.885 χ^2/NDF : 10.6/15

Left: -216.303+/-1856.495 χ^2/NDF : 30.2/33

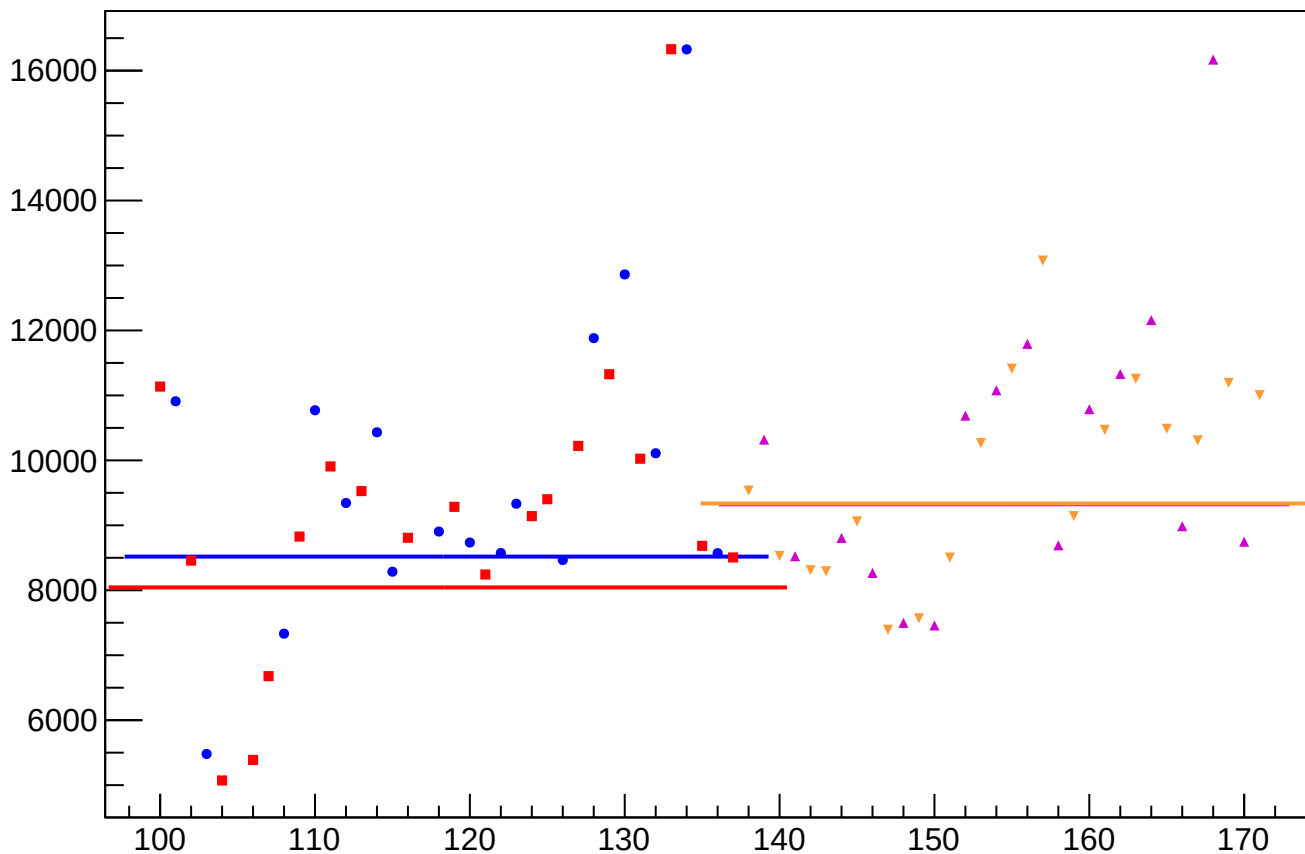
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3158.787+/-2103.716 χ^2/NDF : 27.0/32

Out: 1151.858+/-1997.791 χ^2/NDF : 35.1/36

All: 2103.526+/-1448.652 χ^2/NDF : 62.6/69

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2 /NDF: 771995.0/16

Left Out: 9336.810+/-1.820 χ^2 /NDF: 624235.0/17

Right Out: 8043.754+/-2.240 χ^2 /NDF: 953572.9/18

Left In: 9324.202+/-1.895 χ^2 /NDF: 858320.6/15

Left: 9330.759+/-1.313 χ^2 /NDF: 1482578.6/33

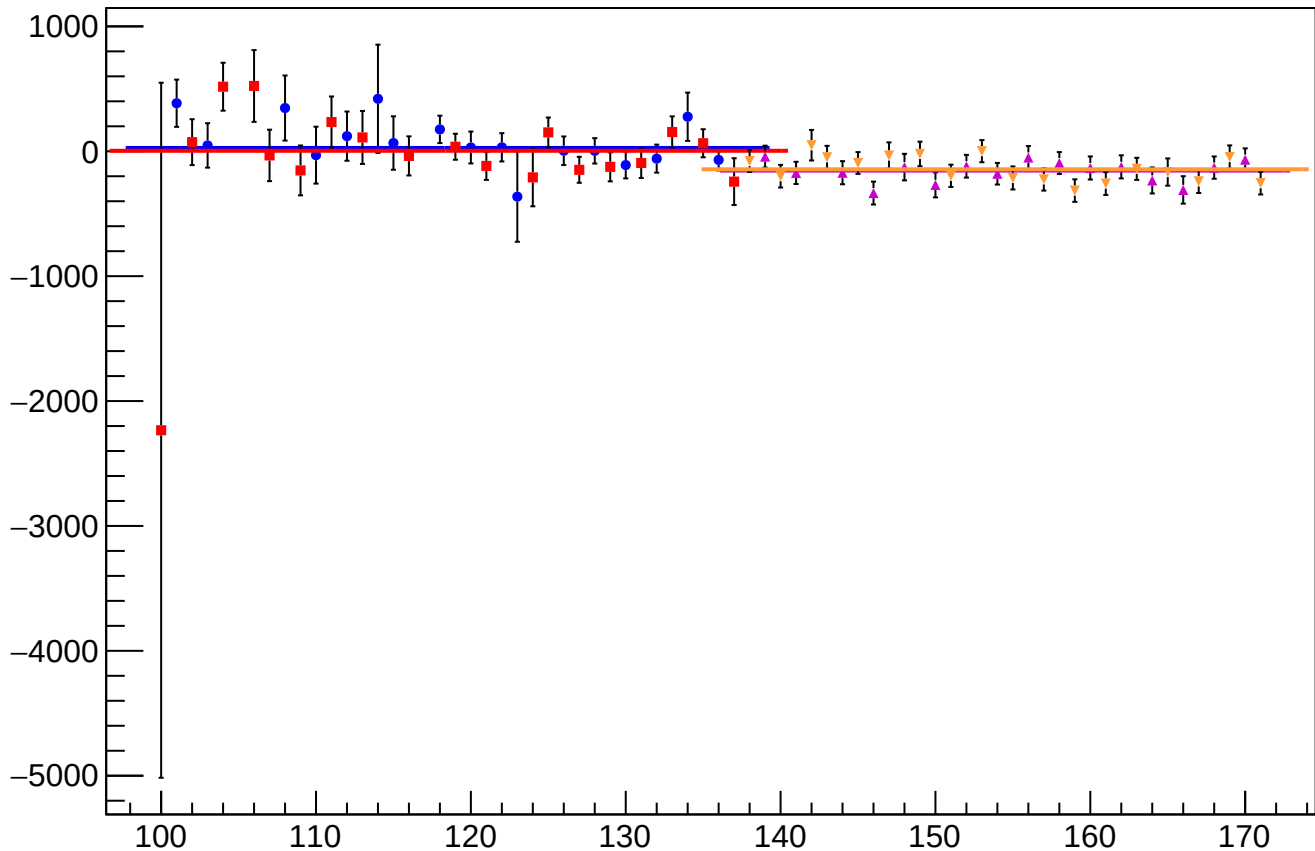
Right: 8264.537+/-1.638 χ^2 /NDF: 1746449.5/35

In: 9014.909+/-1.488 χ^2 /NDF: 1699732.4/32

Out: 8822.507+/-1.413 χ^2 /NDF: 1778514.1/36

All: 8913.741+/-1.024 χ^2 /NDF: 3487043.0/69

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -144.292 $\pm$ 22.002 χ^2/NDF :20.8/17

Right Out: 4.007 $\pm$ 33.839 χ^2/NDF : 24.6/18

Left In: -154.322 $\pm$ 23.307 χ^2/NDF :12.7/15

Left: -149.018 $\pm$ 15.999 χ^2/NDF : 33.6/33

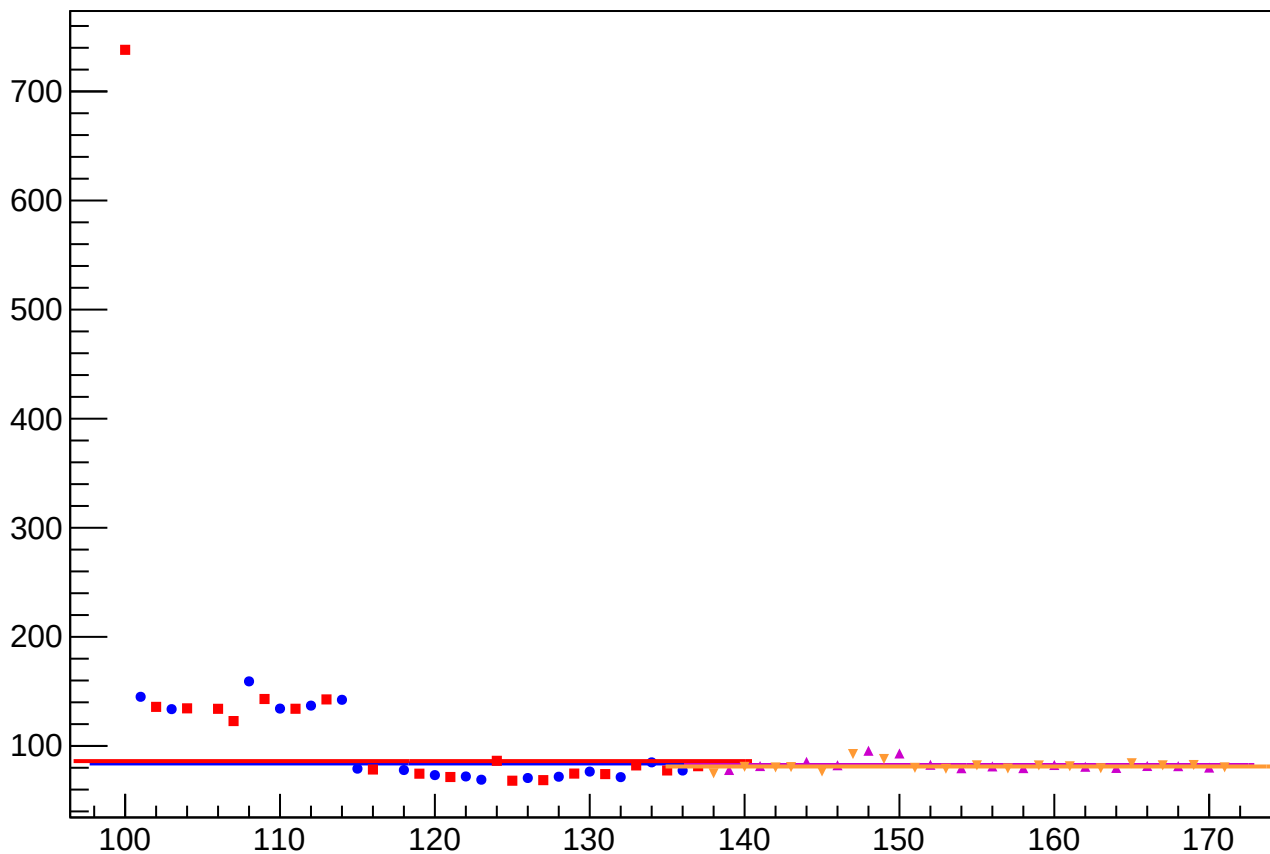
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35

In: -95.574 $\pm$ 19.155 χ^2/NDF :46.8/32

Out: -100.226 $\pm$ 18.446 χ^2/NDF :58.9/36

All: -97.988 $\pm$ 13.287 χ^2/NDF : 105.7/69

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.169 $\pm$ 0.016 χ^2 /NDF: 55224.9/17

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 82.542 $\pm$ 0.016 χ^2 /NDF: 68703.3/15

Left: 81.816 $\pm$ 0.011 χ^2 /NDF: 127598.8/33

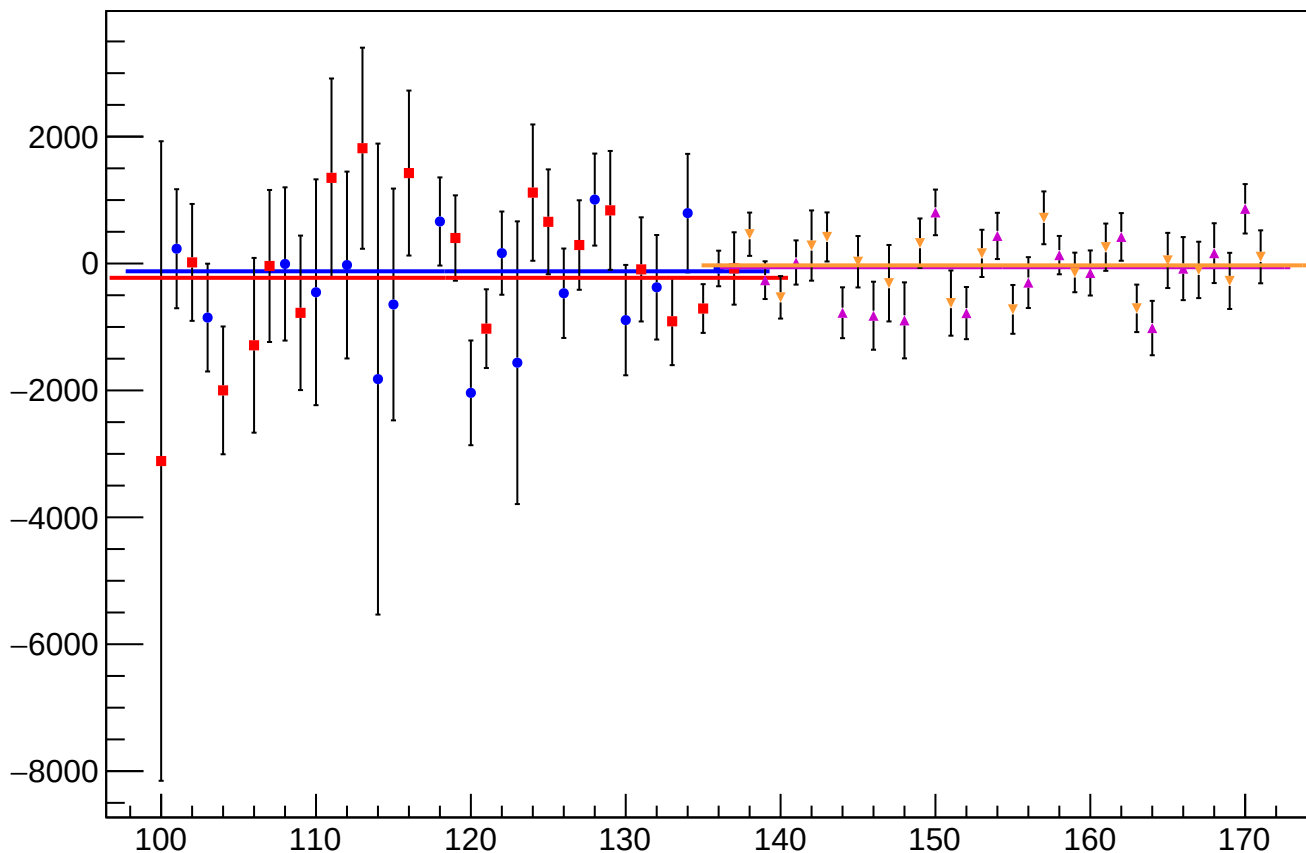
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.002 $\pm$ 0.014 χ^2 /NDF: 1031361.0/32

Out: 82.637 $\pm$ 0.013 χ^2 /NDF: 1221404.2/36

All: 82.813 $\pm$ 0.009 χ^2 /NDF: 2253143.5/69

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -28.981+/-94.373 χ^2/NDF :19.6/17

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -58.641+/-97.133 χ^2/NDF :31.7/15

Left: -43.383+/-67.686 χ^2/NDF : 51.3/33

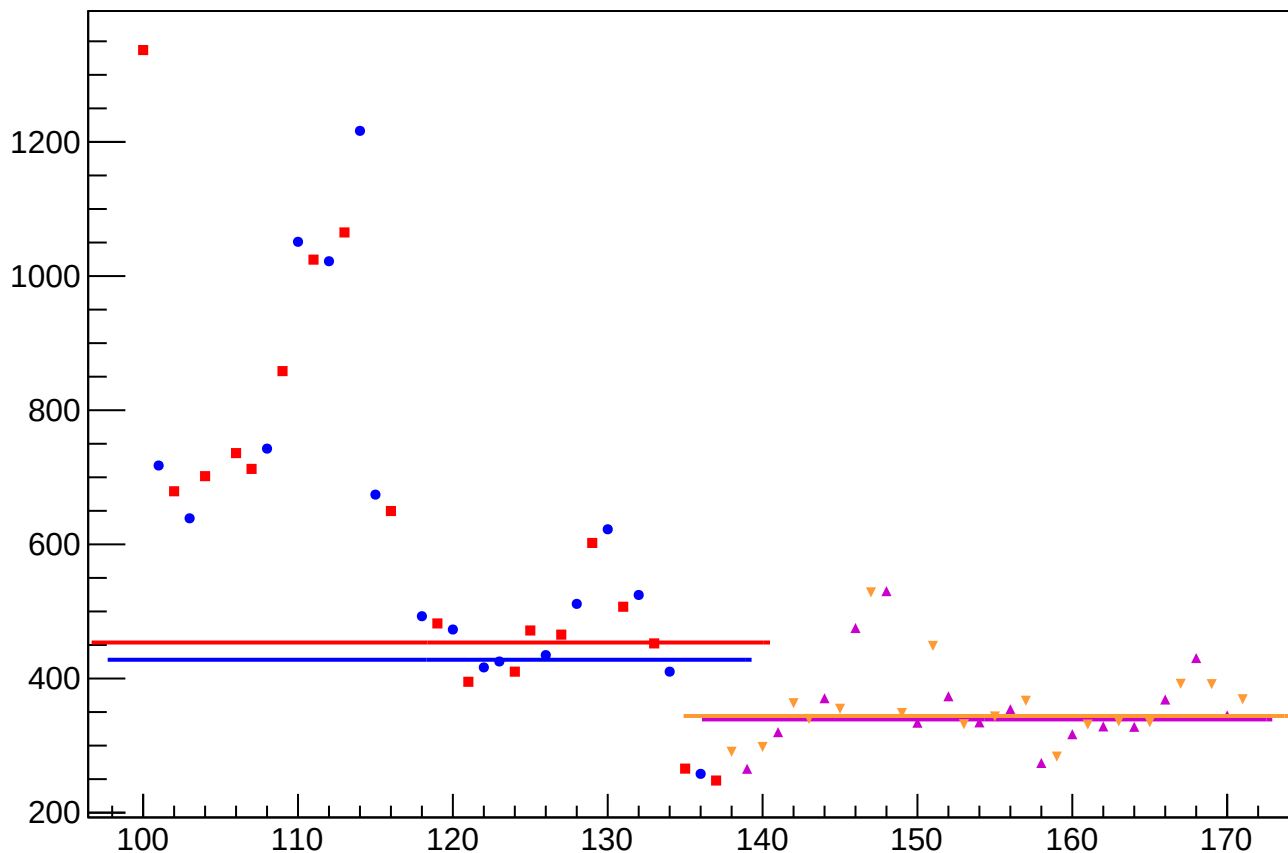
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -73.074+/-85.437 χ^2/NDF :44.8/32

Out: -69.553+/-84.064 χ^2/NDF :38.8/36

All: -71.285+/-59.922 χ^2/NDF : 83.6/69

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 344.173+/-0.067 χ^2/NDF :502291.3/17

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 339.008+/-0.069 χ^2/NDF :677203.1/15

Left: 341.665+/-0.048 χ^2/NDF : 1182403.7/33

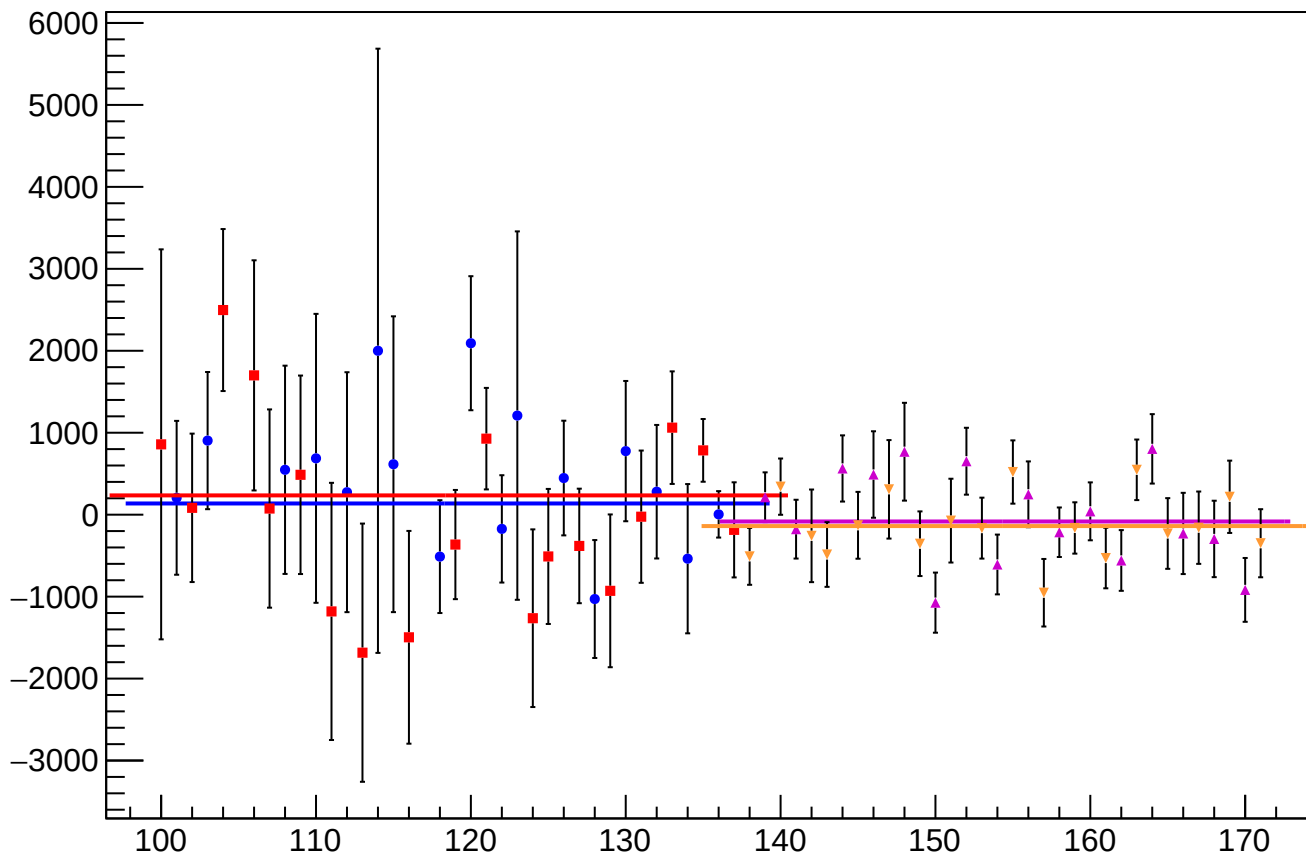
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 359.146+/-0.060 χ^2/NDF :3119286.0/32

Out: 366.794+/-0.059 χ^2/NDF :3193217.3/36

All: 363.032+/-0.042 χ^2/NDF : 6320646.6/69

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -139.055 $\pm$ 94.698 χ^2/NDF : 17.1/17

Right Out: 235.334 $\pm$ 184.025 χ^2/NDF : 21.8/18

Left In: -82.891 $\pm$ 97.401 χ^2/NDF : 31.3/15

Left: -111.763 $\pm$ 67.897 χ^2/NDF : 48.6/33

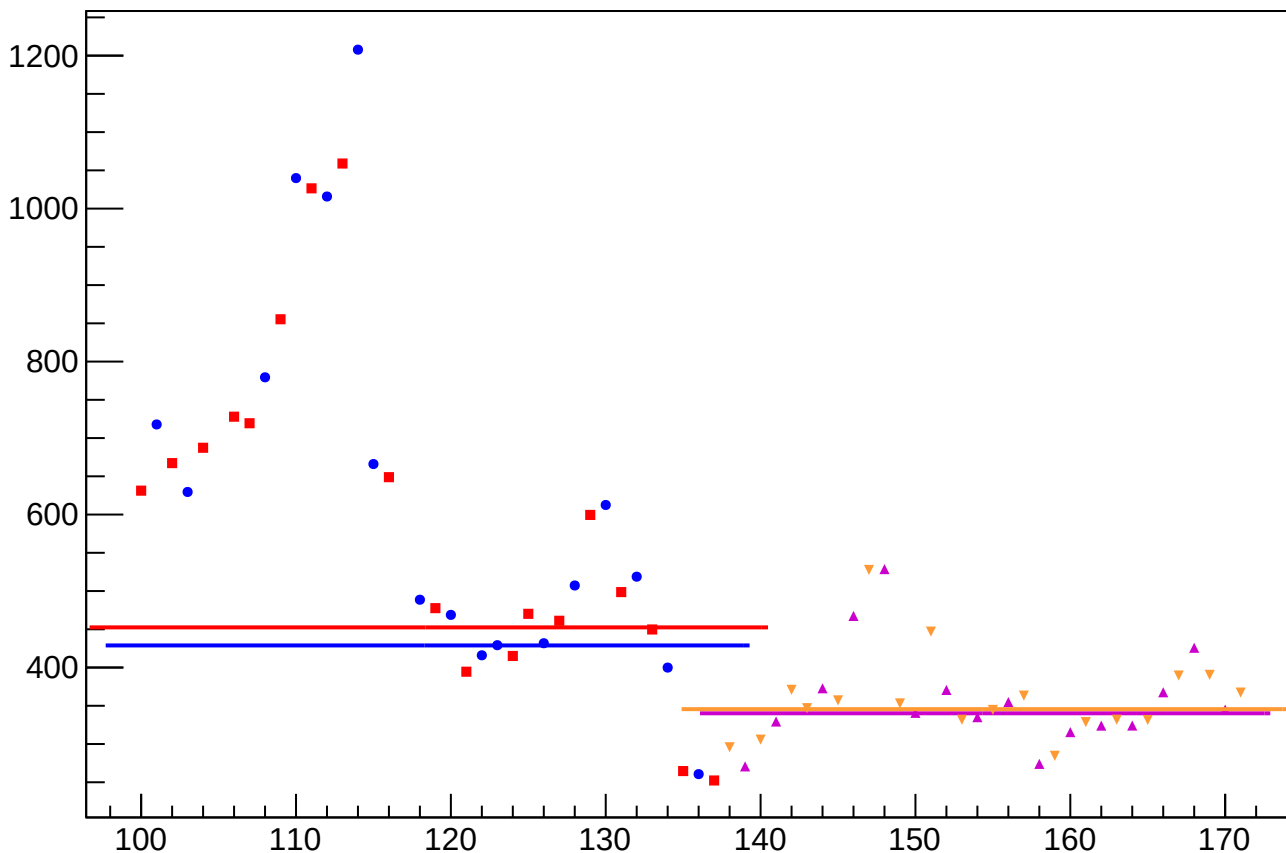
Right: 184.875 $\pm$ 128.536 χ^2/NDF : 34.6/35

In: -32.963 $\pm$ 85.622 χ^2/NDF : 45.1/32

Out: -60.671 $\pm$ 84.204 χ^2/NDF : 42.2/36

All: -47.049 $\pm$ 60.036 χ^2/NDF : 87.4/69

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2/NDF : 2010592.5/16

Left Out: 345.585 $\pm$ 0.067 χ^2/NDF : 474021.0/17

Right Out: 452.487 $\pm$ 0.130 χ^2/NDF : 2042099.3/18

Left In: 340.175 $\pm$ 0.069 χ^2/NDF : 635886.7/15

Left: 342.956 $\pm$ 0.048 χ^2/NDF : 1113079.4/33

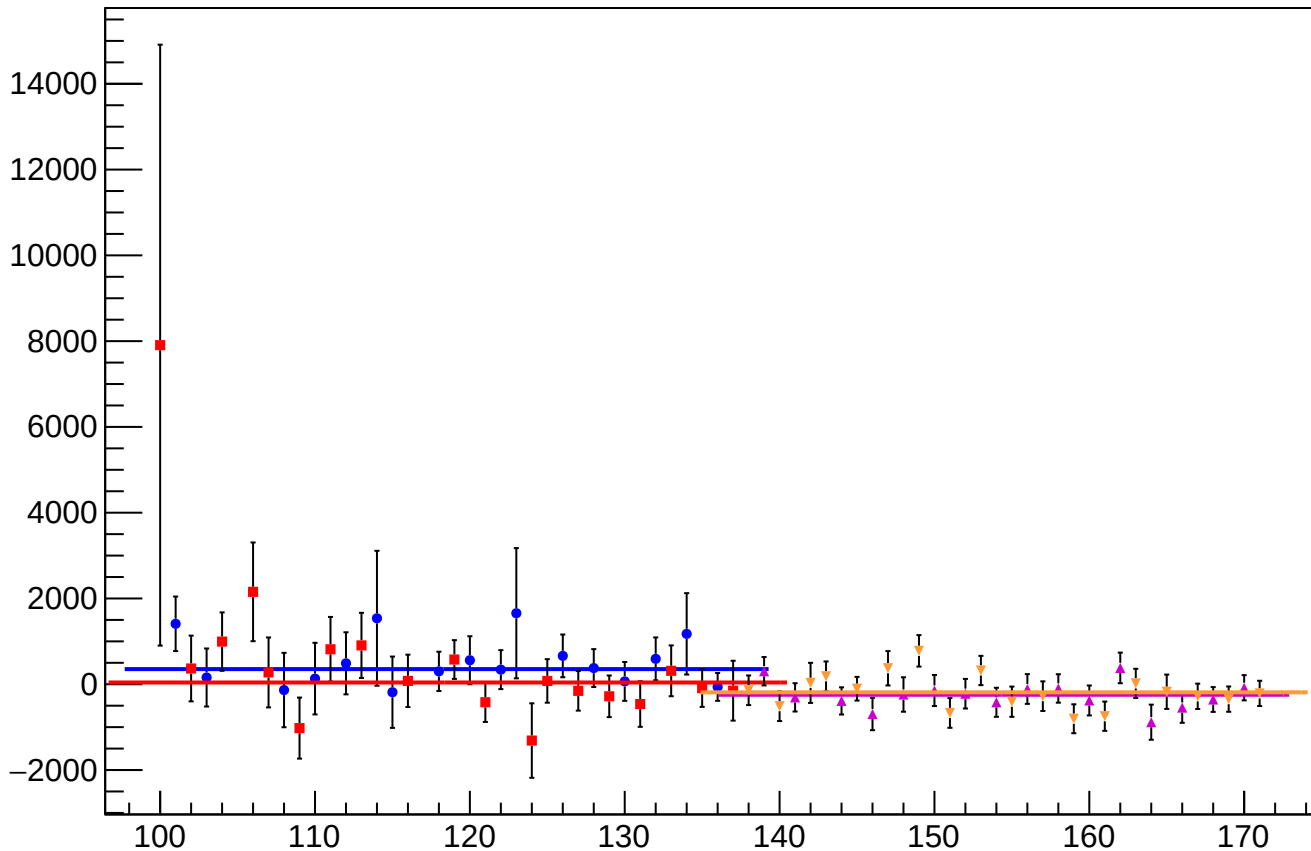
Right: 440.401 $\pm$ 0.091 χ^2/NDF : 4069533.6/35

In: 360.335 $\pm$ 0.061 χ^2/NDF : 3023532.0/32

Out: 367.966 $\pm$ 0.060 χ^2/NDF : 3049728.0/36

All: 364.215 $\pm$ 0.042 χ^2/NDF : 6081335.1/69

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -188.257 $\pm$ 79.951 χ^2/NDF : 22.6/17

Right Out: 41.079 $\pm$ 138.996 χ^2/NDF : 18.2/18

Left In: -245.140 $\pm$ 85.401 χ^2/NDF : 11.9/15

Left: -214.826 $\pm$ 58.365 χ^2/NDF : 34.8/33

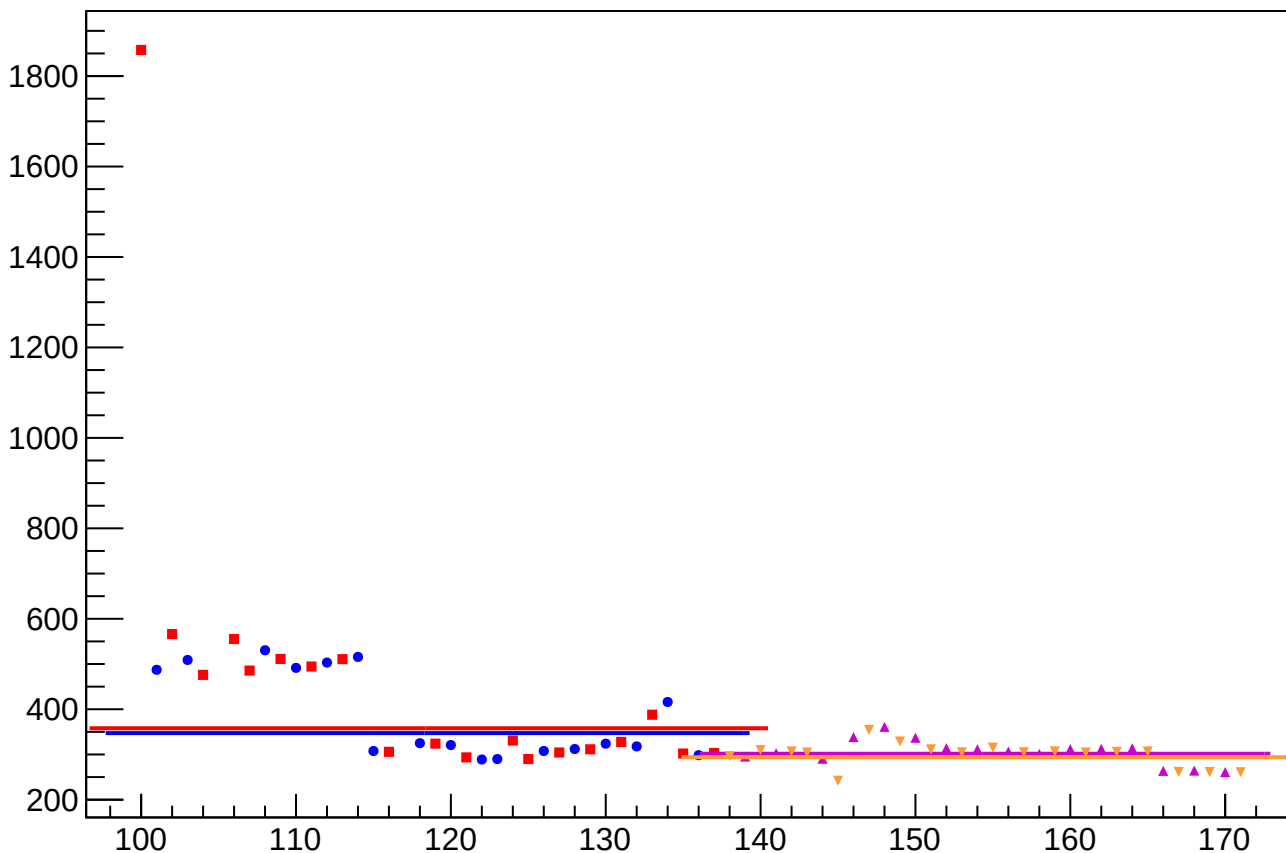
Right: 198.919 $\pm$ 97.679 χ^2/NDF : 29.3/35

In: -78.299 $\pm$ 72.517 χ^2/NDF : 34.1/32

Out: -131.243 $\pm$ 69.304 χ^2/NDF : 42.9/36

All: -105.970 $\pm$ 50.103 χ^2/NDF : 77.3/69

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 293.880 $\pm$ 0.057 χ^2 /NDF: 240908.9/17

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 301.594 $\pm$ 0.060 χ^2 /NDF: 189134.9/15

Left: 297.483 $\pm$ 0.041 χ^2 /NDF: 438739.0/33

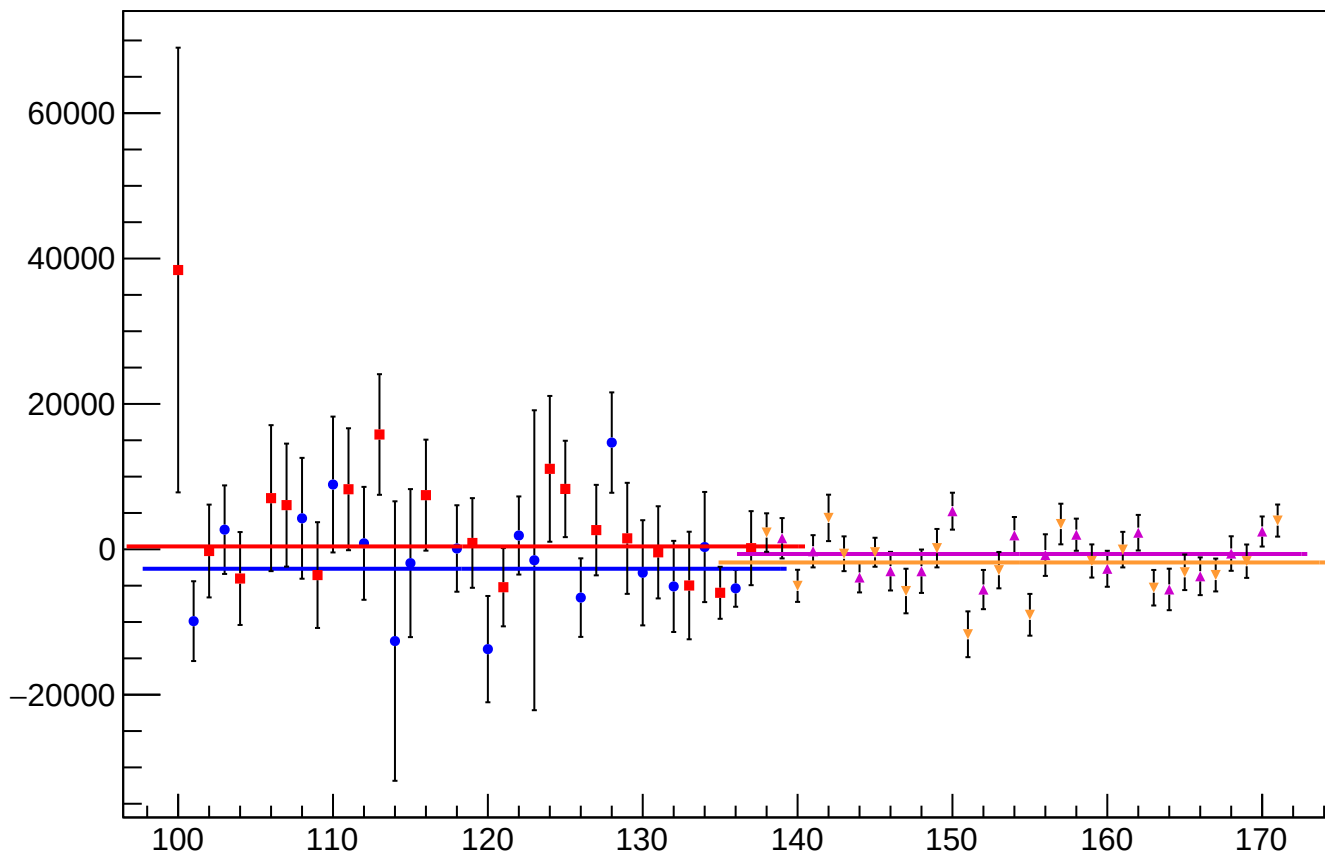
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 314.339 $\pm$ 0.051 χ^2 /NDF: 967712.0/32

Out: 309.809 $\pm$ 0.049 χ^2 /NDF: 1411911.7/36

All: 311.971 $\pm$ 0.035 χ^2 /NDF: 2383701.1/69

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1808.123 $\pm$ 585.666 χ^2/NDF : 41.3/17

Right Out: 398.443 $\pm$ 1515.968 χ^2/NDF : 15.9/18

Left In: -643.606 $\pm$ 618.672 χ^2/NDF : 24.3/15

Left: -1257.756 $\pm$ 425.318 χ^2/NDF : 67.5/33

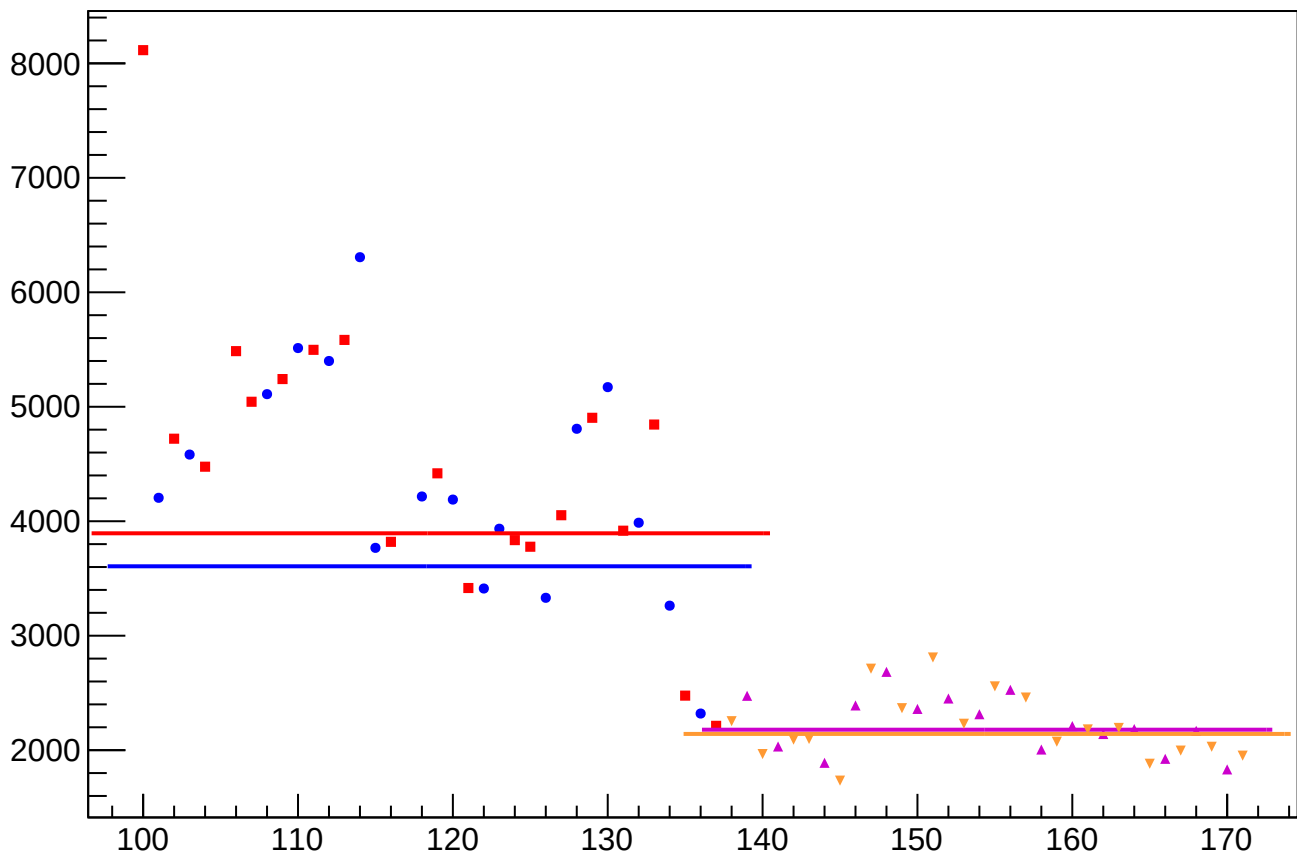
Right: -1199.564 $\pm$ 1050.178 χ^2/NDF : 34.8/35

In: -954.066 $\pm$ 569.413 χ^2/NDF : 42.7/32

Out: -1521.559 $\pm$ 546.314 χ^2/NDF : 59.0/36

All: -1249.556 $\pm$ 394.215 χ^2/NDF : 102.3/69

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2141.903+/-0.414 χ^2/NDF : 398523.4/17

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2178.809+/-0.437 χ^2/NDF : 295883.0/15

Left: 2159.345+/-0.301 χ^2/NDF : 698160.0/33

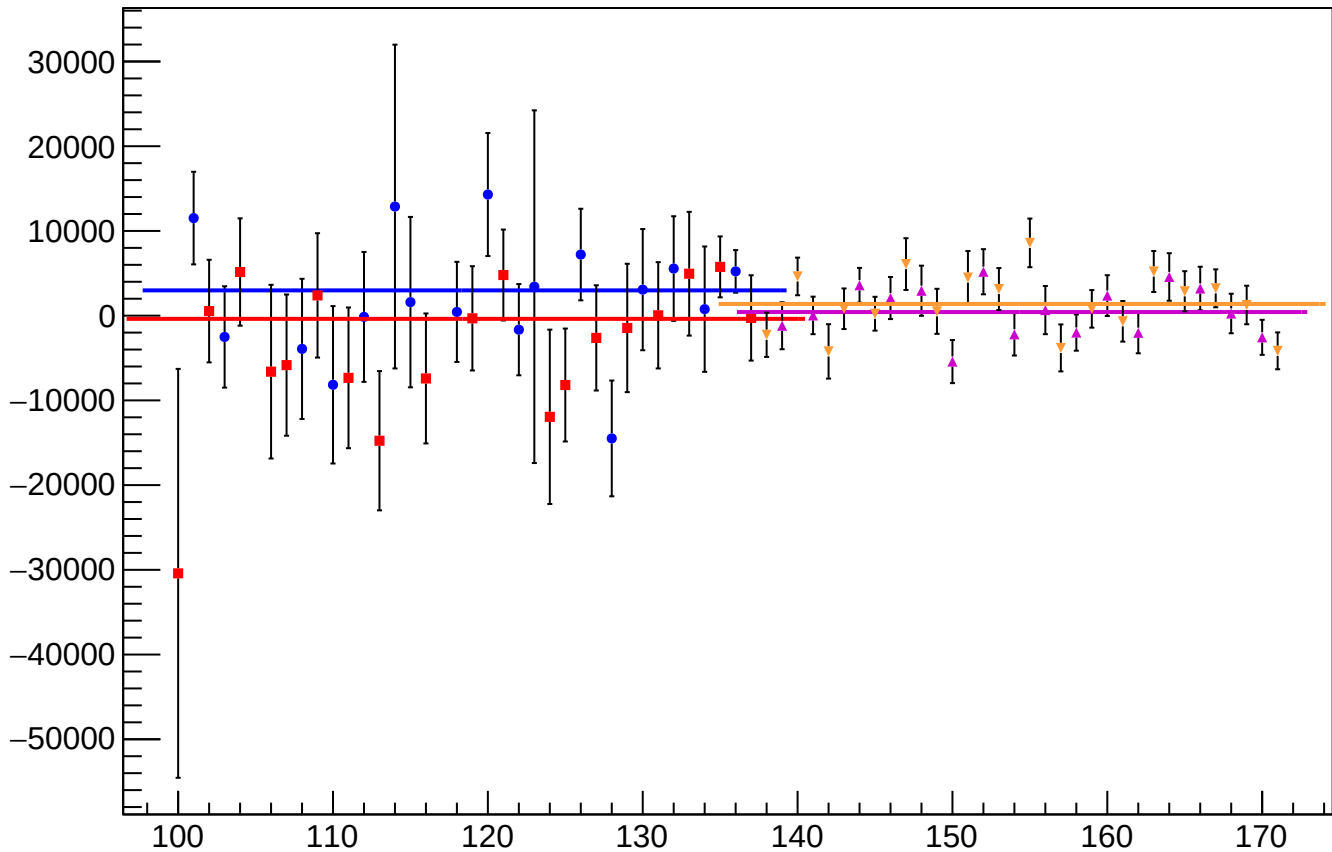
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2397.088+/-0.403 χ^2/NDF : 3016609.9/32

Out: 2369.523+/-0.386 χ^2/NDF : 3757473.2/36

All: 2382.735+/-0.279 χ^2/NDF : 6776523.5/69

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1383.440 $\pm$ 580.593 χ^2 /NDF:32.2/17

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 427.023 $\pm$ 610.539 χ^2 /NDF:21.9/15

Left: 929.262 $\pm$ 420.730 χ^2 /NDF: 55.3/33

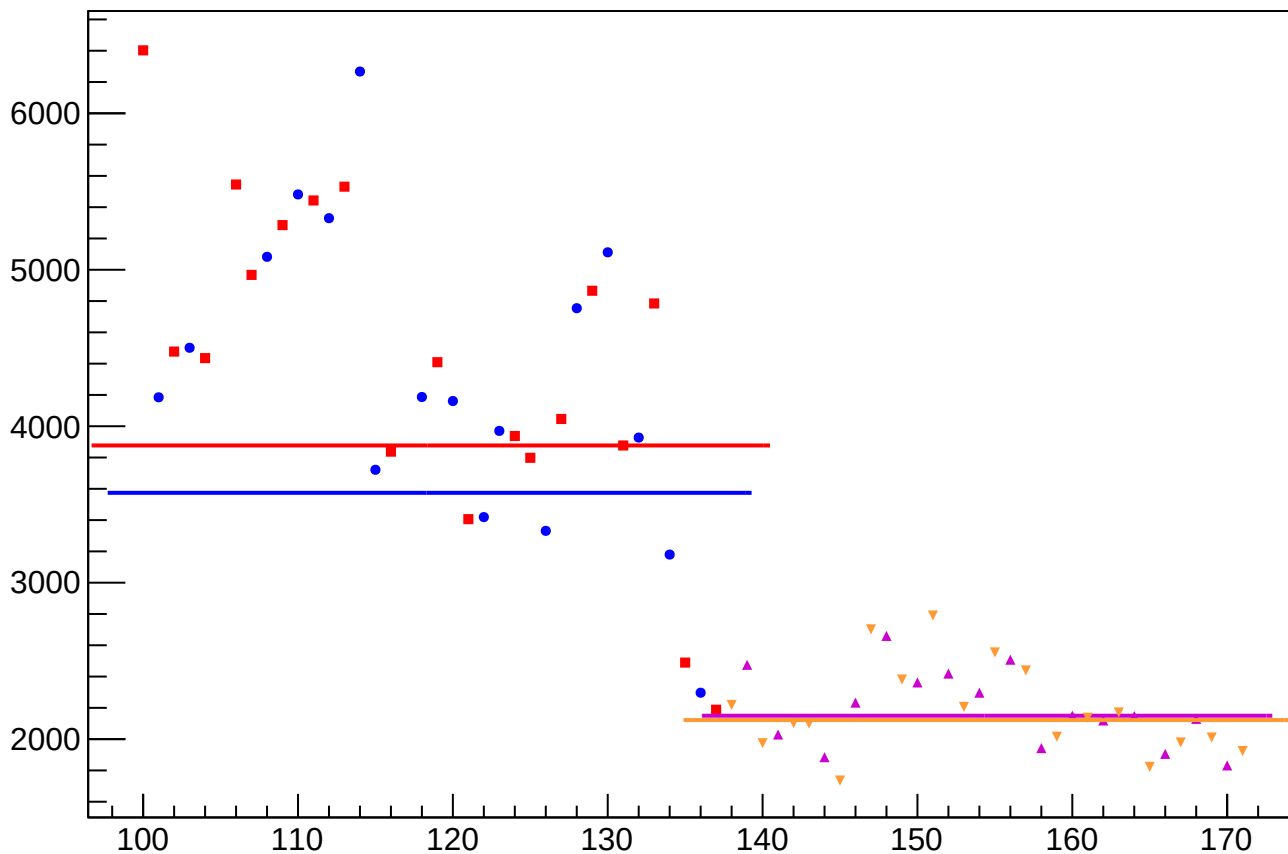
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 814.917 $\pm$ 562.318 χ^2 /NDF:42.0/32

Out: 1155.967 $\pm$ 541.794 χ^2 /NDF:48.4/36

All: 991.780 $\pm$ 390.160 χ^2 /NDF: 90.6/69

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2122.004 $\pm$ 0.411 χ^2/NDF :409630.0/17

Right Out: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

Left In: 2149.709 $\pm$ 0.432 χ^2/NDF :285978.6/15

Left: 2135.161 $\pm$ 0.298 χ^2/NDF : 697771.1/33

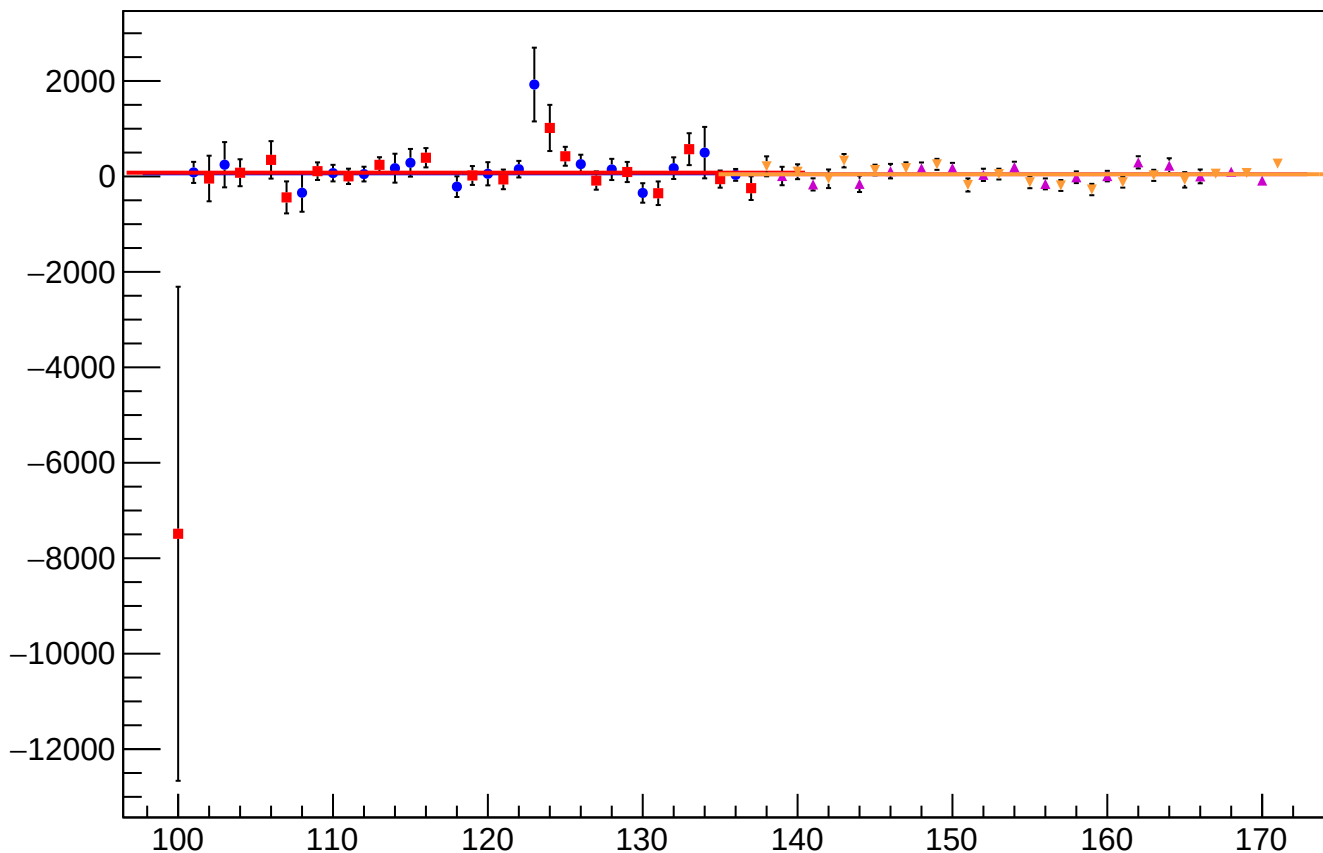
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2365.862 $\pm$ 0.398 χ^2/NDF :3029573.2/32

Out: 2348.741 $\pm$ 0.383 χ^2/NDF :3760856.7/36

All: 2356.983 $\pm$ 0.276 χ^2/NDF : 6791391.4/69

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 45.734+/-27.915 χ^2/NDF : 35.0/17

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 47.498+/-30.333 χ^2/NDF : 19.8/15

Left: 46.543+/-20.541 χ^2/NDF : 54.9/33

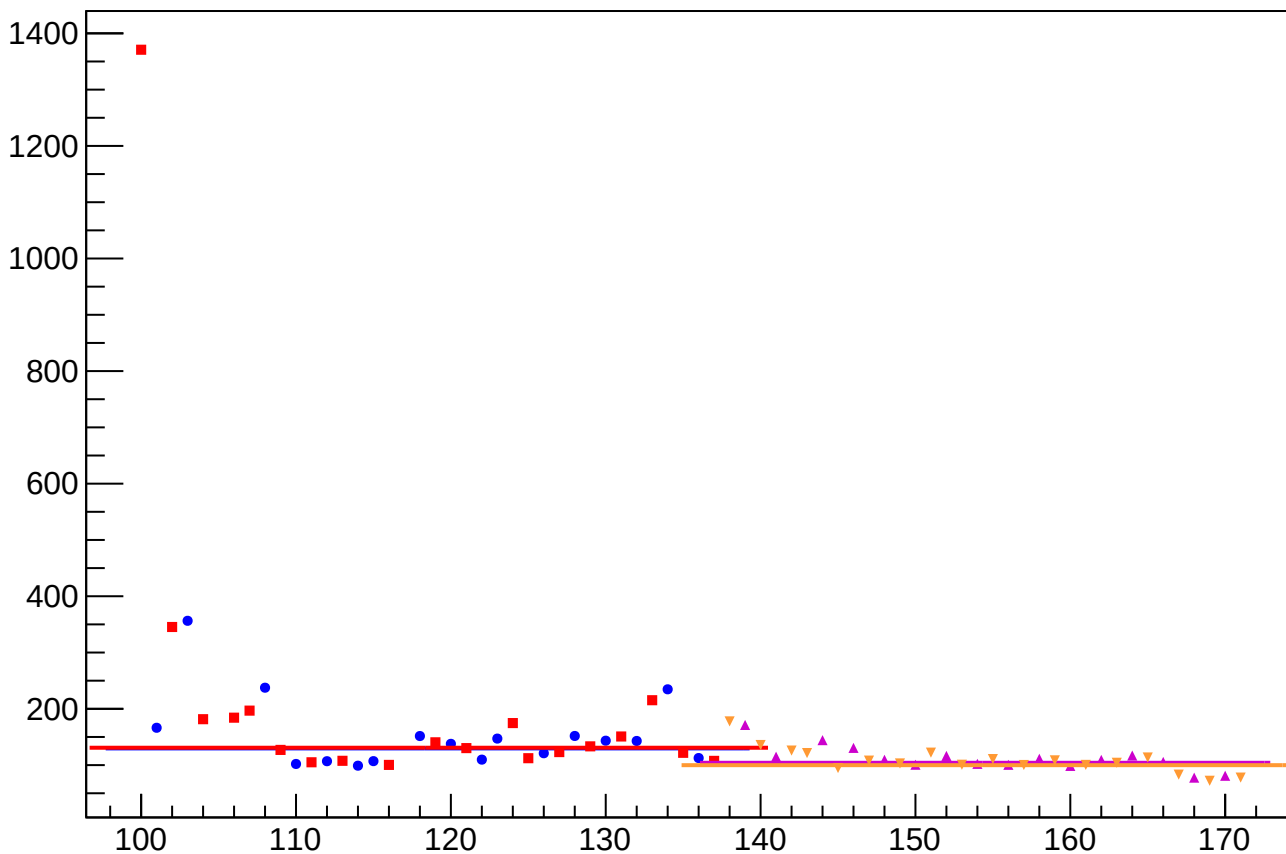
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 51.909+/-26.290 χ^2/NDF : 35.7/32

Out: 53.034+/-24.631 χ^2/NDF : 59.6/36

All: 52.508+/-17.974 χ^2/NDF : 95.3/69

dit_asym_sam3_rms vs Slug, Sign Corrected



Left: 101.830 ± 0.015 $\chi^2/\text{NDF}: 1809514.1/33$

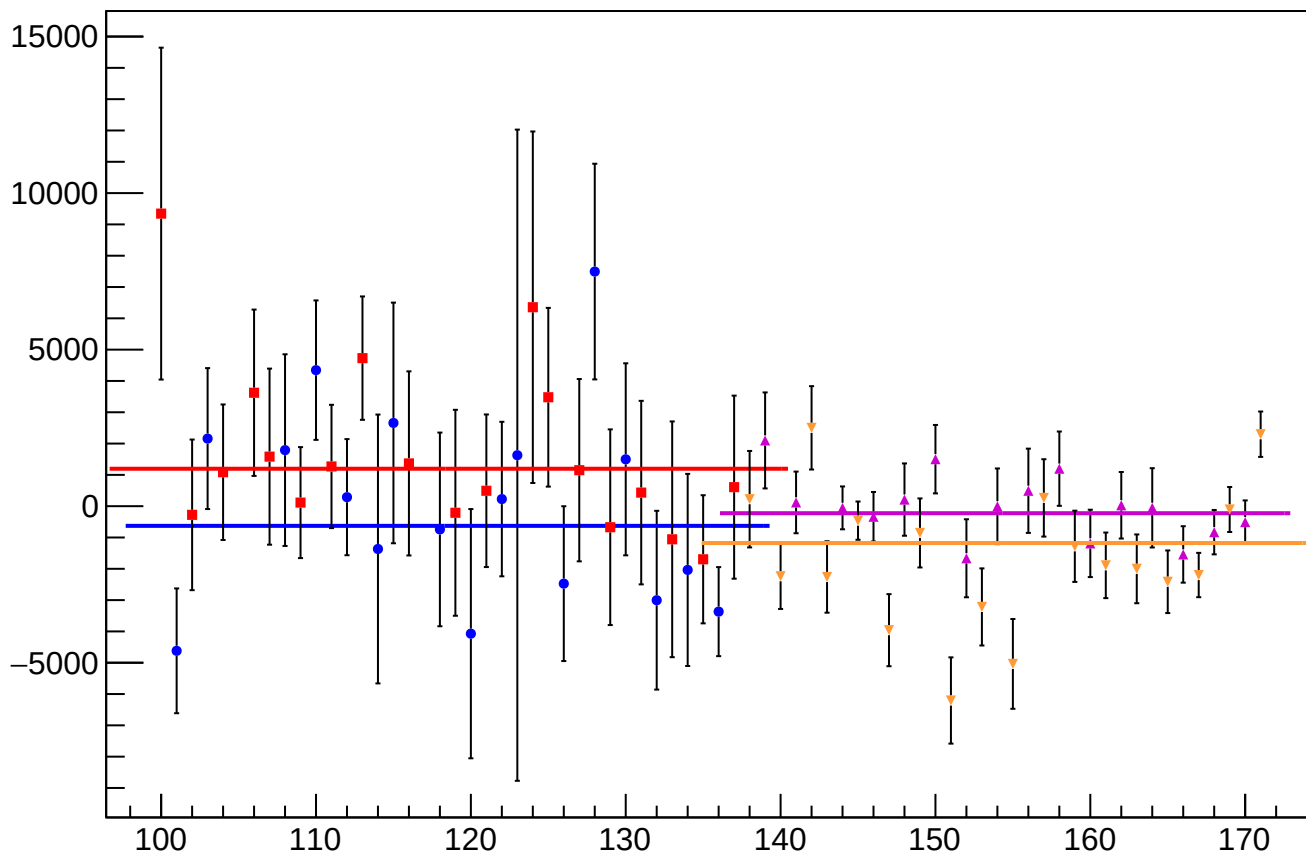
Right: 130.291 ± 0.026 $\chi^2/\text{NDF}: 2032513.5/35$

In: 110.483 ± 0.019 $\chi^2/\text{NDF}: 2142665.2/32$

Out: 106.753 ± 0.017 $\chi^2/\text{NDF}: 2577467.2/36$

All: 108.497 ± 0.013 $\chi^2/\text{NDF}: 4741574.1/69$

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1175.429 ± 231.826 $\chi^2/\text{NDF}: 72.3/17$

Right Out: 1196.185 ± 595.685 $\chi^2/\text{NDF}: 11.8/18$

Left In: -223.912 ± 242.217 $\chi^2/\text{NDF}: 12.1/15$

Left: -720.516 ± 167.479 $\chi^2/\text{NDF}: 92.5/33$

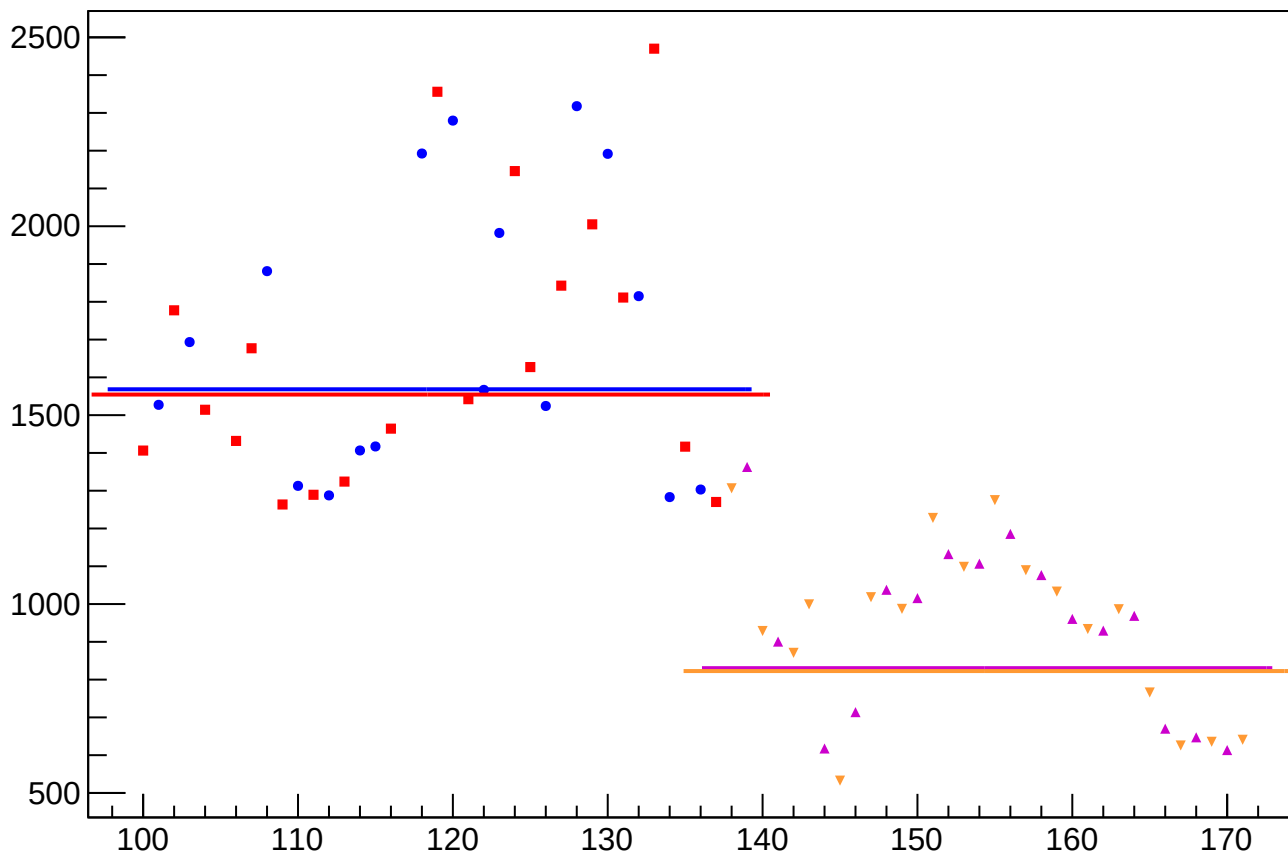
Right: 322.661 ± 430.045 $\chi^2/\text{NDF}: 40.5/35$

In: -277.220 ± 225.682 $\chi^2/\text{NDF}: 36.8/32$

Out: -863.476 ± 216.042 $\chi^2/\text{NDF}: 97.8/36$

All: -583.136 ± 156.062 $\chi^2/\text{NDF}: 138.1/69$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 822.643+/-0.164 χ^2/NDF : 1945725.2/17

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 830.315+/-0.171 χ^2/NDF : 1520890.9/15

Left: 826.311+/-0.118 χ^2/NDF : 3467663.2/33

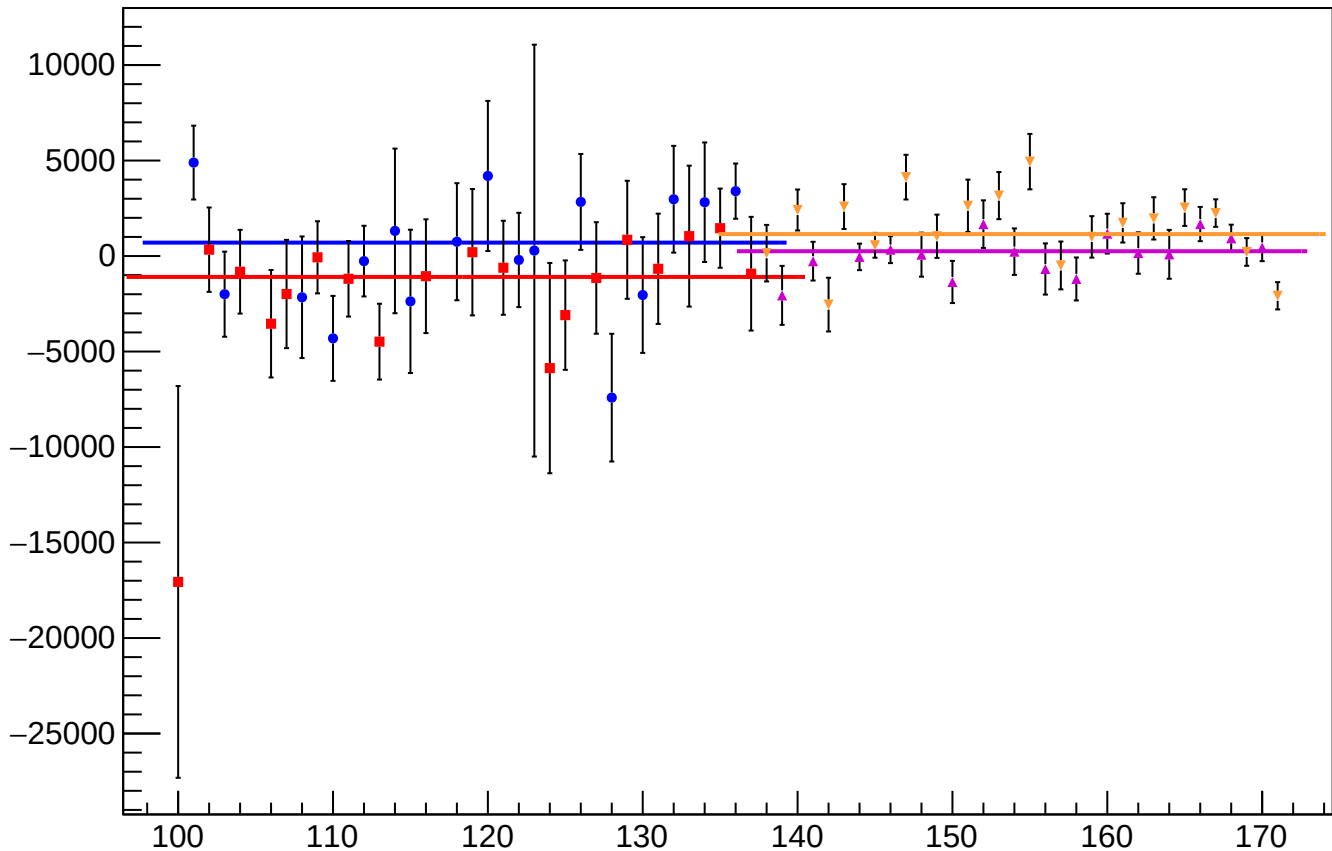
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 927.654+/-0.160 χ^2/NDF : 4504495.4/32

Out: 918.912+/-0.153 χ^2/NDF : 5079764.3/36

All: 923.092+/-0.110 χ^2/NDF : 9585825.3/69

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1149.302 $\pm$ 234.270 χ^2 /NDF: 57.4/17

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: 252.149 $\pm$ 240.810 χ^2 /NDF: 12.6/15

Left: 713.074 $\pm$ 167.918 χ^2 /NDF: 77.1/33

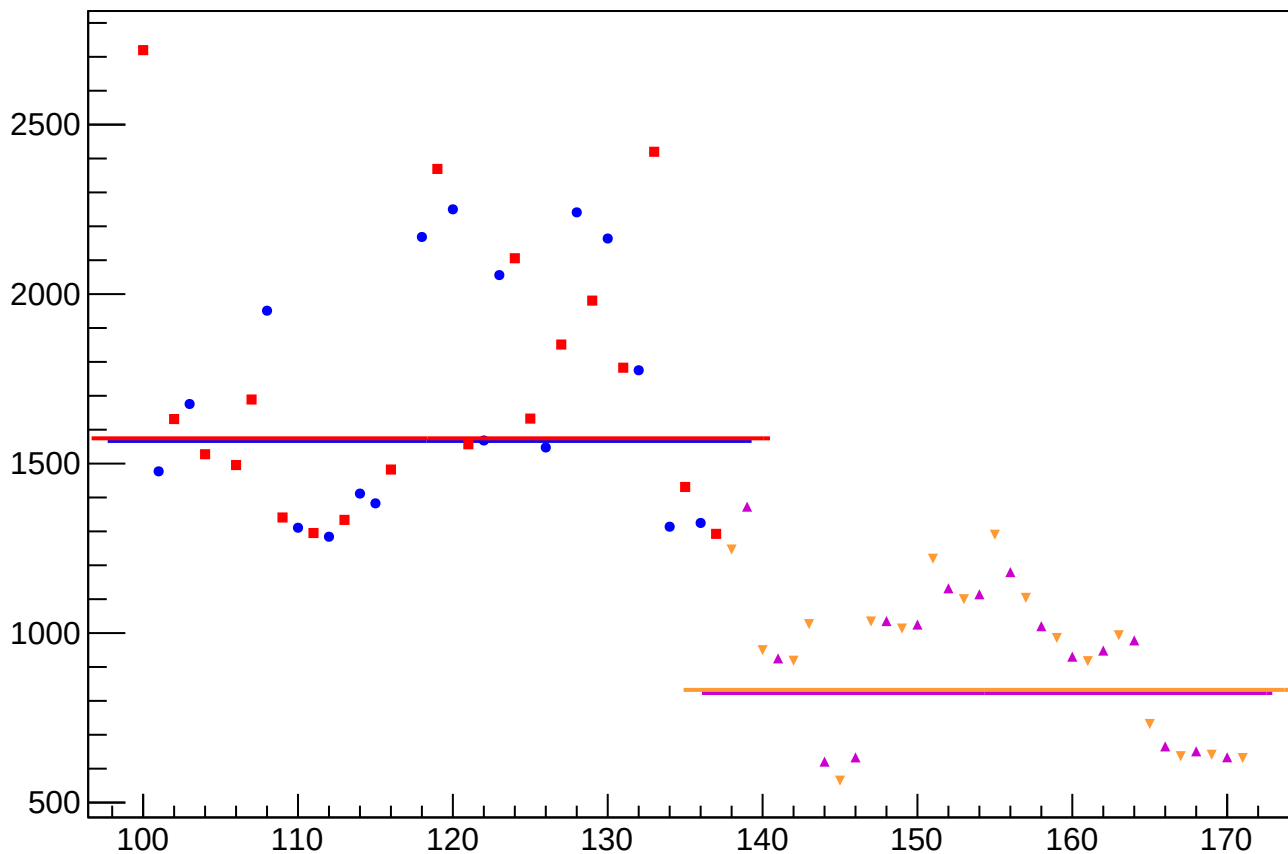
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 311.153 $\pm$ 224.502 χ^2 /NDF: 39.0/32

Out: 855.299 $\pm$ 218.378 χ^2 /NDF: 80.0/36

All: 590.749 $\pm$ 156.537 χ^2 /NDF: 122.1/69

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 832.366 $\pm$ 0.166 χ^2 /NDF: 1801892.7/17

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 823.265 $\pm$ 0.170 χ^2 /NDF: 1558819.8/15

Left: 827.941 $\pm$ 0.119 χ^2 /NDF: 3362180.1/33

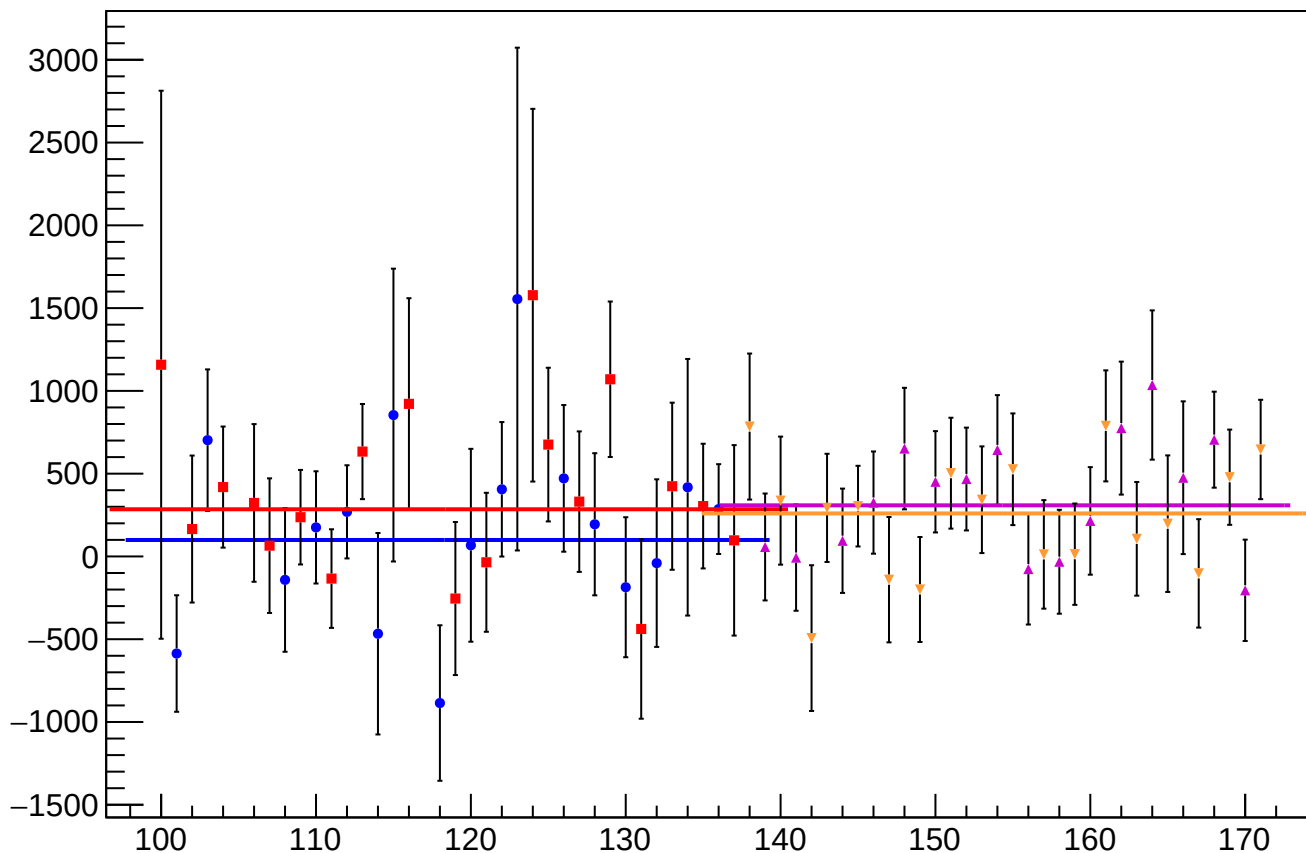
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 920.578 $\pm$ 0.159 χ^2 /NDF: 4554612.3/32

Out: 929.638 $\pm$ 0.154 χ^2 /NDF: 4896949.2/36

All: 925.233 $\pm$ 0.111 χ^2 /NDF: 9453234.9/69

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 259.748 $\pm$ 78.276 χ^2/NDF :16.2/17

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 308.740 $\pm$ 83.222 χ^2/NDF :15.8/15

Left: 282.745 $\pm$ 57.018 χ^2/NDF : 32.2/33

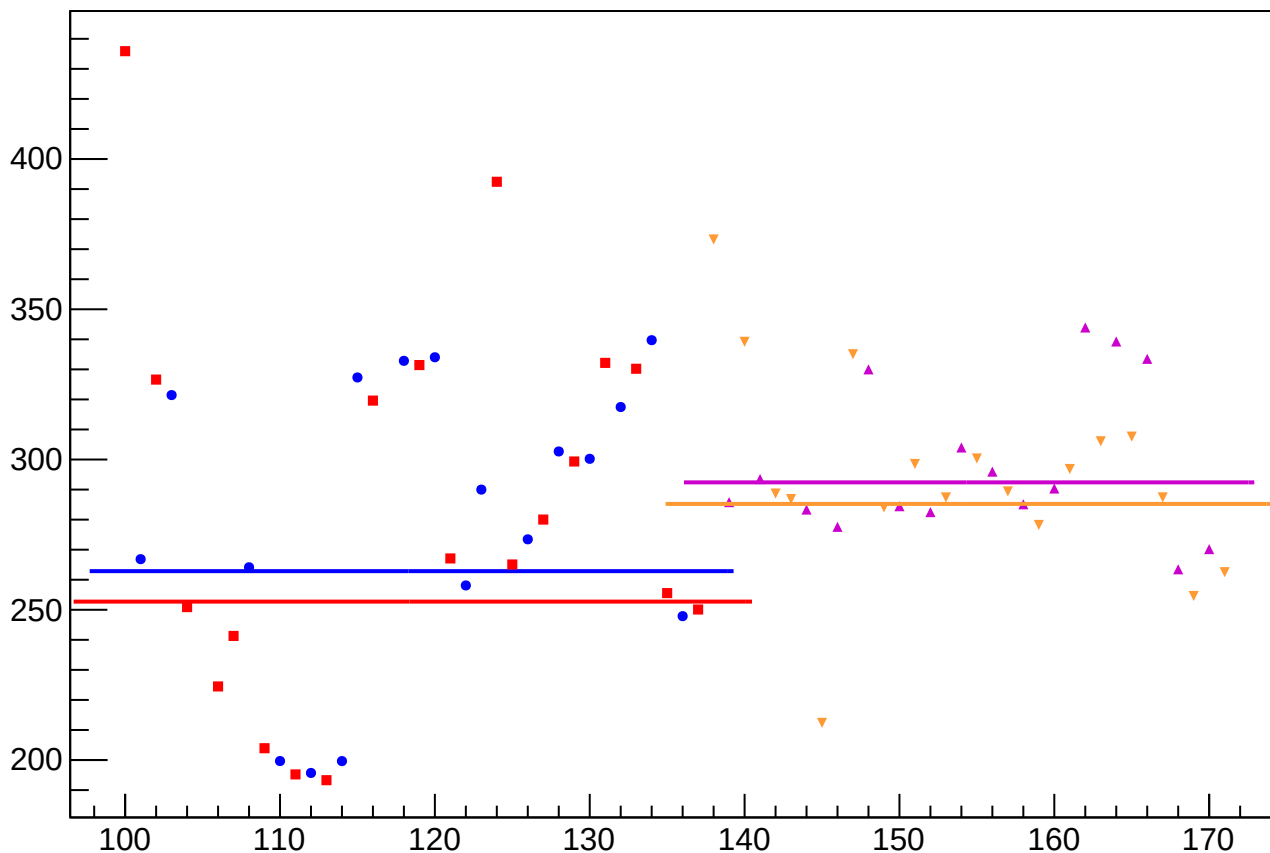
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 226.499 $\pm$ 64.847 χ^2/NDF :34.2/32

Out: 269.573 $\pm$ 61.090 χ^2/NDF :30.3/36

All: 249.320 $\pm$ 44.466 χ^2/NDF : 64.7/69

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 285.227 $\pm$ 0.055 χ^2 /NDF:390768.2/17

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 292.398 $\pm$ 0.059 χ^2 /NDF:136212.0/15

Left: 288.593 $\pm$ 0.040 χ^2 /NDF: 534860.3/33

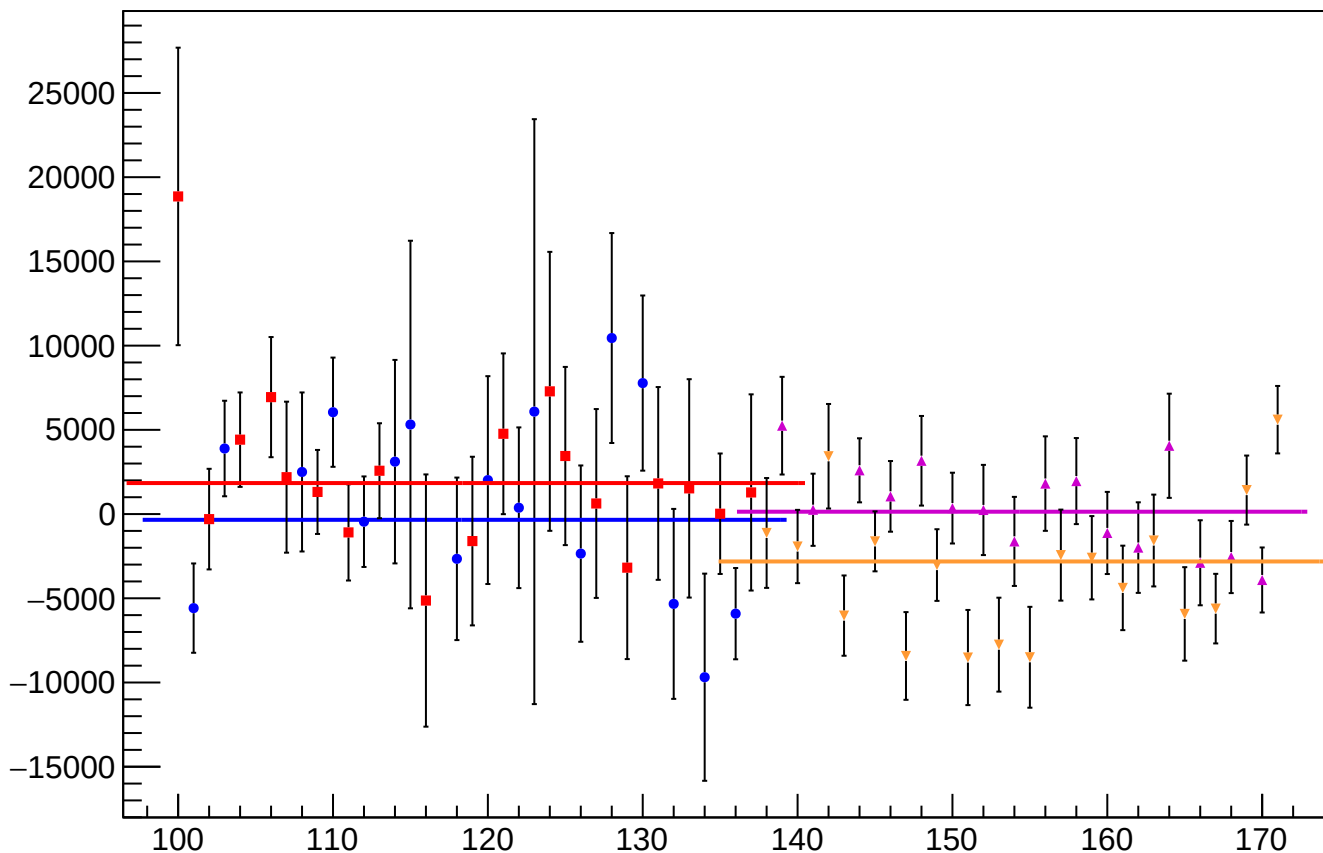
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 280.793 $\pm$ 0.046 χ^2 /NDF:646911.0/32

Out: 272.520 $\pm$ 0.043 χ^2 /NDF:1065327.1/36

All: 276.410 $\pm$ 0.031 χ^2 /NDF: 1729486.7/69

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2813.891 ± 569.727 $\chi^2/\text{NDF}: 47.9/17$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 139.683 ± 594.886 $\chi^2/\text{NDF}: 17.5/15$

Left: -1400.880 ± 411.465 $\chi^2/\text{NDF}: 78.3/33$

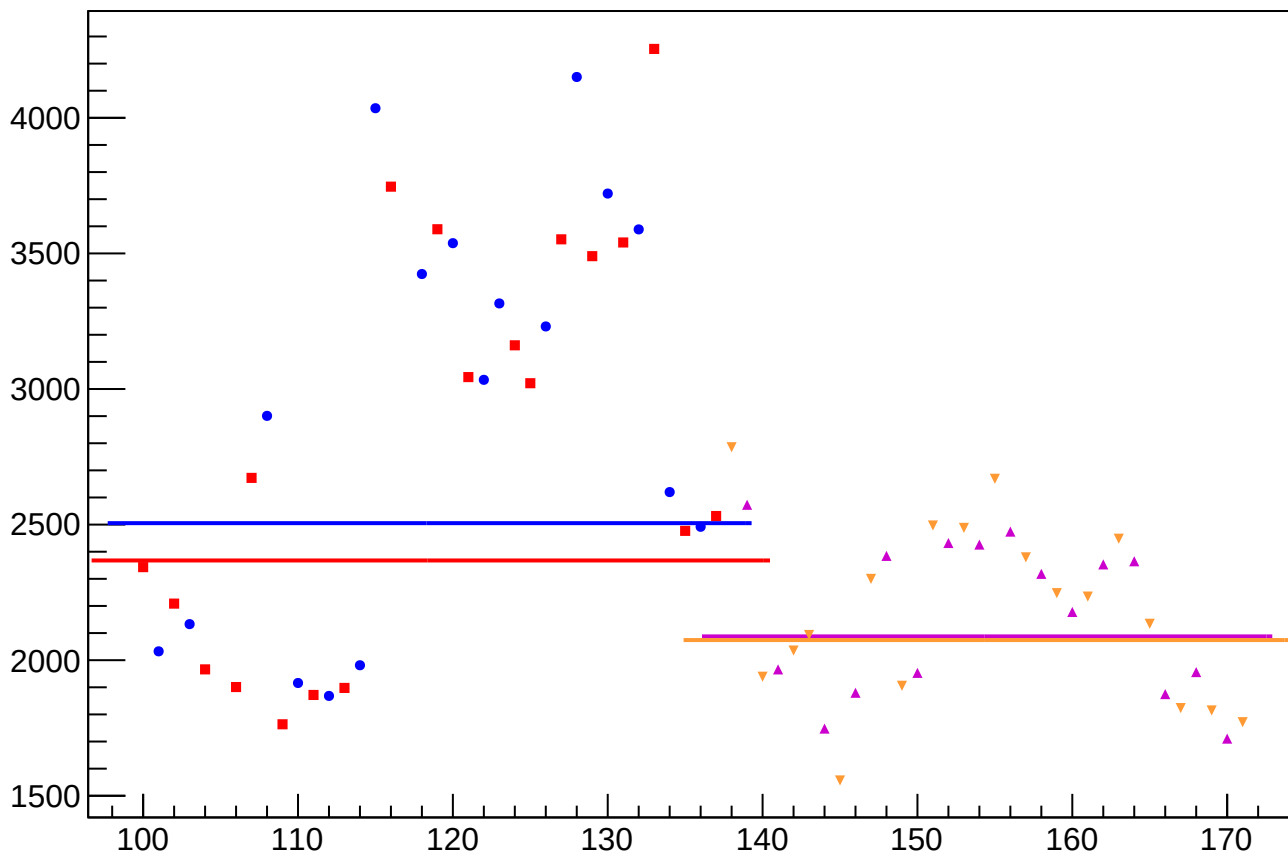
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 14.755 ± 511.877 $\chi^2/\text{NDF}: 42.1/32$

Out: -1533.278 ± 485.060 $\chi^2/\text{NDF}: 78.0/36$

All: -800.872 ± 352.088 $\chi^2/\text{NDF}: 124.9/69$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2074.209 $\pm$ 0.403 χ^2 /NDF: 657171.1/17

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2087.728 $\pm$ 0.421 χ^2 /NDF: 435644.5/15

Left: 2080.677 $\pm$ 0.291 χ^2 /NDF: 1093354.4/33

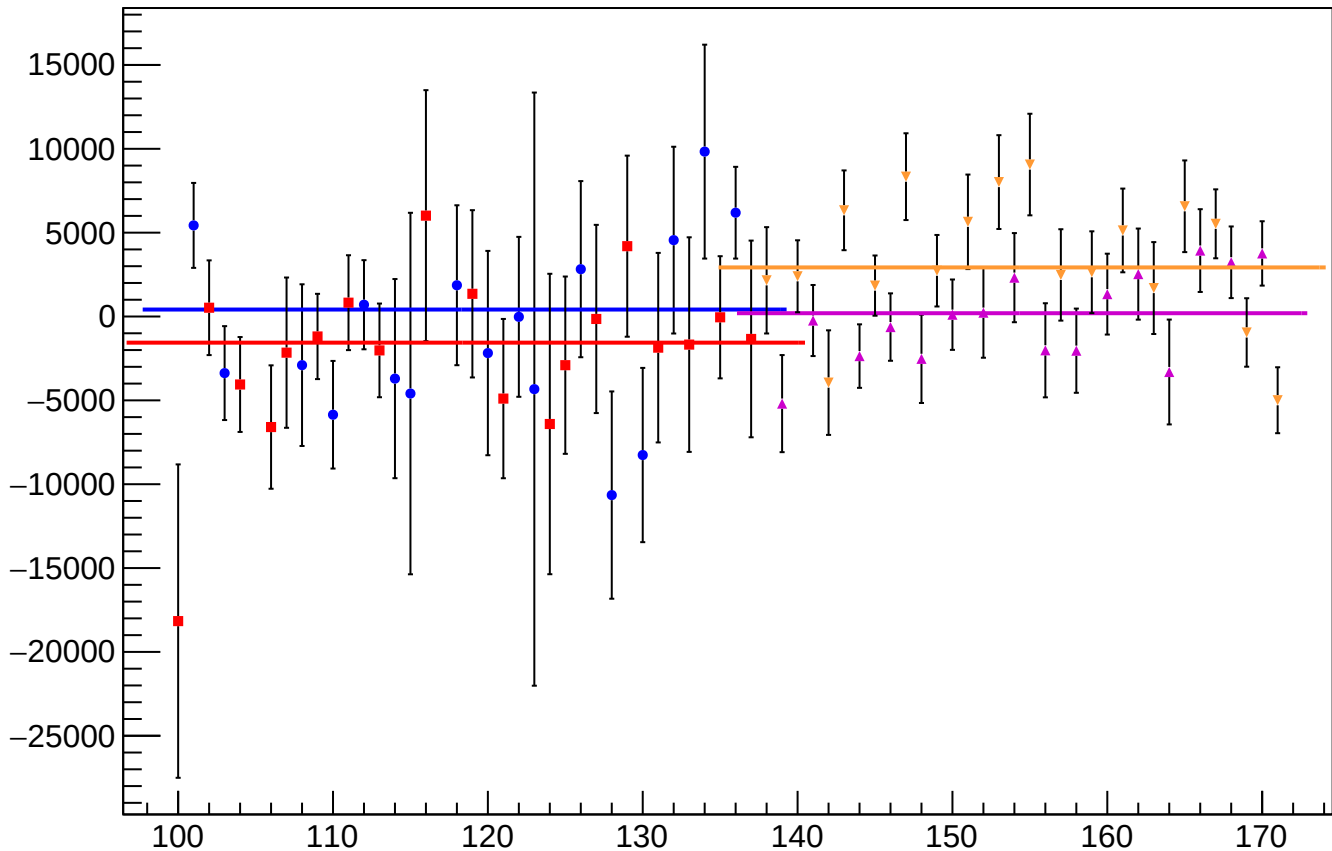
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2196.140 $\pm$ 0.362 χ^2 /NDF: 1555637.0/32

Out: 2154.967 $\pm$ 0.343 χ^2 /NDF: 1834123.0/36

All: 2174.447 $\pm$ 0.249 χ^2 /NDF: 3396577.5/69

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2927.045 $\pm$ 567.582 χ^2 /NDF:44.4/17

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: 196.516 $\pm$ 590.248 χ^2 /NDF:18.6/15

Left: 1615.214 $\pm$ 409.120 χ^2 /NDF: 74.1/33

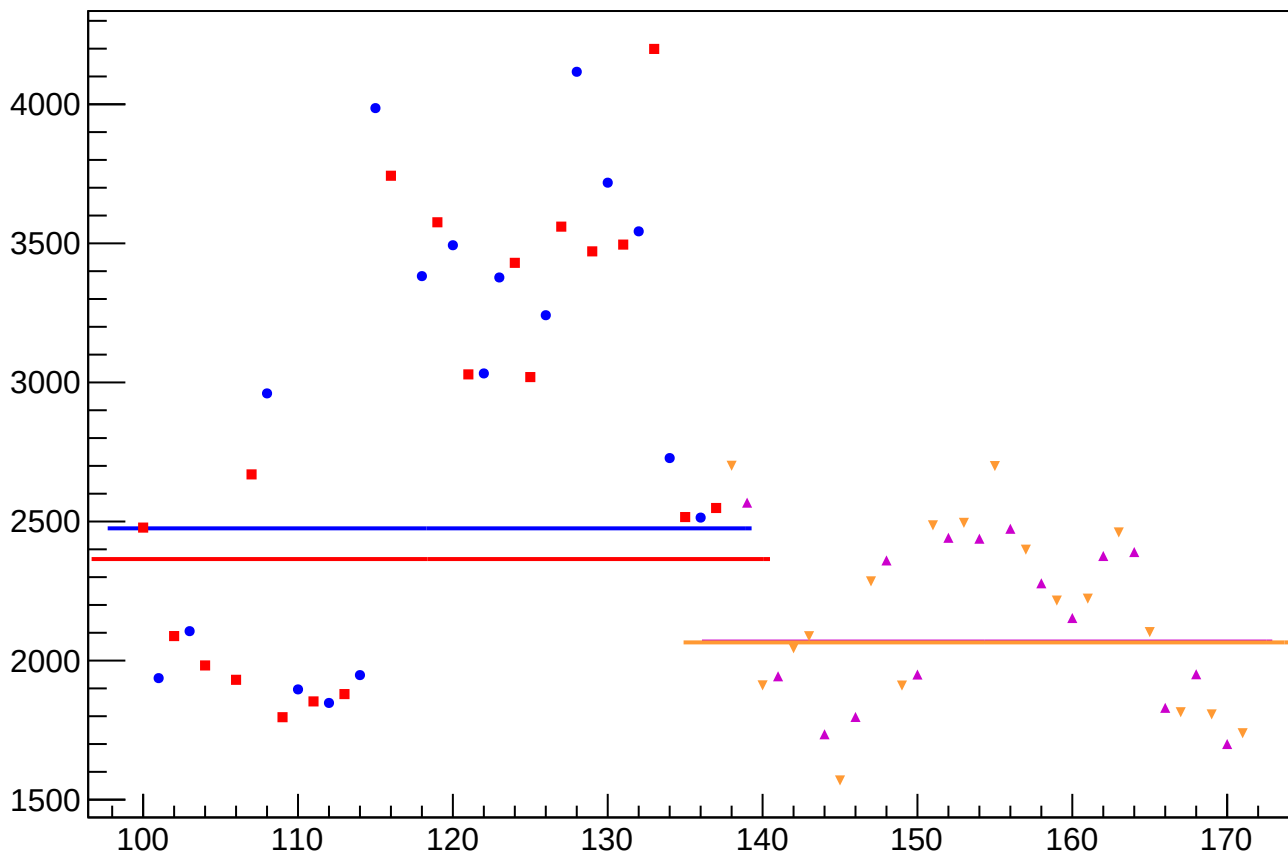
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: 253.538 $\pm$ 507.636 χ^2 /NDF:43.1/32

Out: 1698.980 $\pm$ 483.690 χ^2 /NDF:72.2/36

All: 1011.153 $\pm$ 350.180 χ^2 /NDF: 119.6/69

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2065.392+/-0.401 χ^2/NDF : 652806.6/17

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2068.409+/-0.417 χ^2/NDF : 476408.6/15

Left: 2066.841+/-0.289 χ^2/NDF : 1129242.3/33

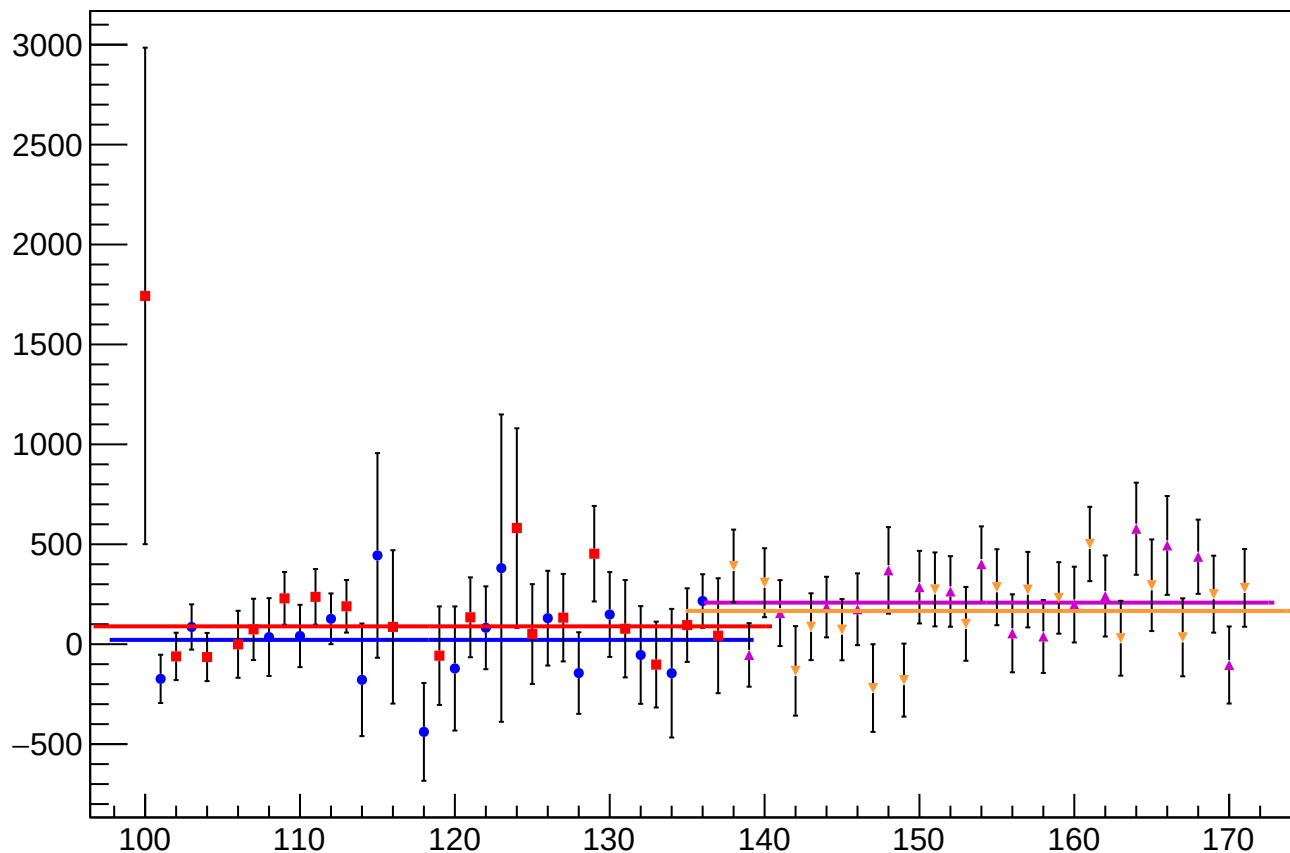
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2174.372+/-0.359 χ^2/NDF : 1637075.1/32

Out: 2147.421+/-0.342 χ^2/NDF : 1832569.9/36

All: 2160.246+/-0.248 χ^2/NDF : 3472599.8/69

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 ± 45.157 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 166.413 ± 44.094 $\chi^2/\text{NDF}: 17.7/17$

Right Out: 89.313 ± 41.803 $\chi^2/\text{NDF}: 12.7/18$

Left In: 208.108 ± 46.520 $\chi^2/\text{NDF}: 14.3/15$

Left: 186.145 ± 32.003 $\chi^2/\text{NDF}: 32.4/33$

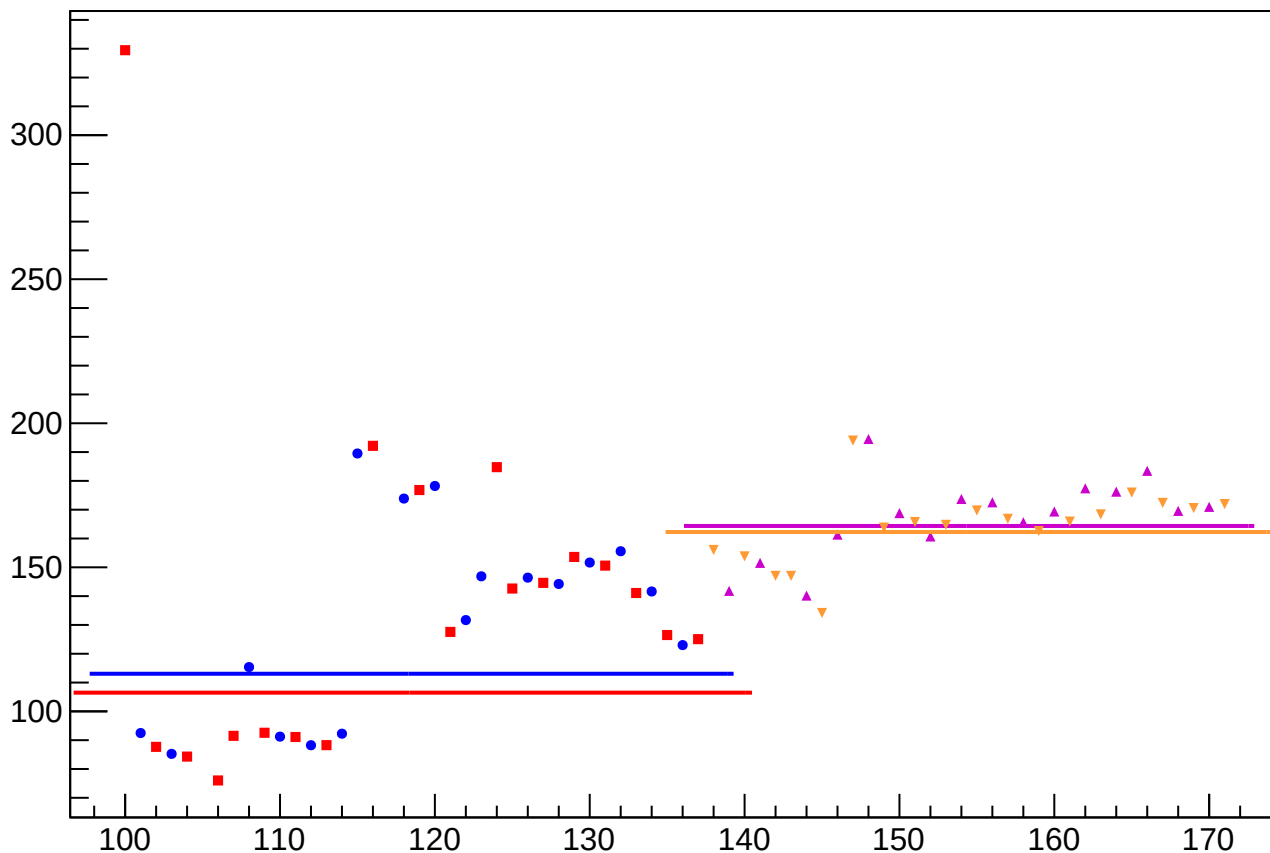
Right: 58.087 ± 30.676 $\chi^2/\text{NDF}: 26.5/35$

In: 112.105 ± 32.402 $\chi^2/\text{NDF}: 35.2/32$

Out: 125.808 ± 30.337 $\chi^2/\text{NDF}: 32.0/36$

All: 119.407 ± 22.145 $\chi^2/\text{NDF}: 67.3/69$

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 162.251 $\pm$ 0.031 χ^2/NDF : 171625.7/17

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 164.350 $\pm$ 0.033 χ^2/NDF : 184151.0/15

Left: 163.244 $\pm$ 0.023 χ^2/NDF : 357923.2/33

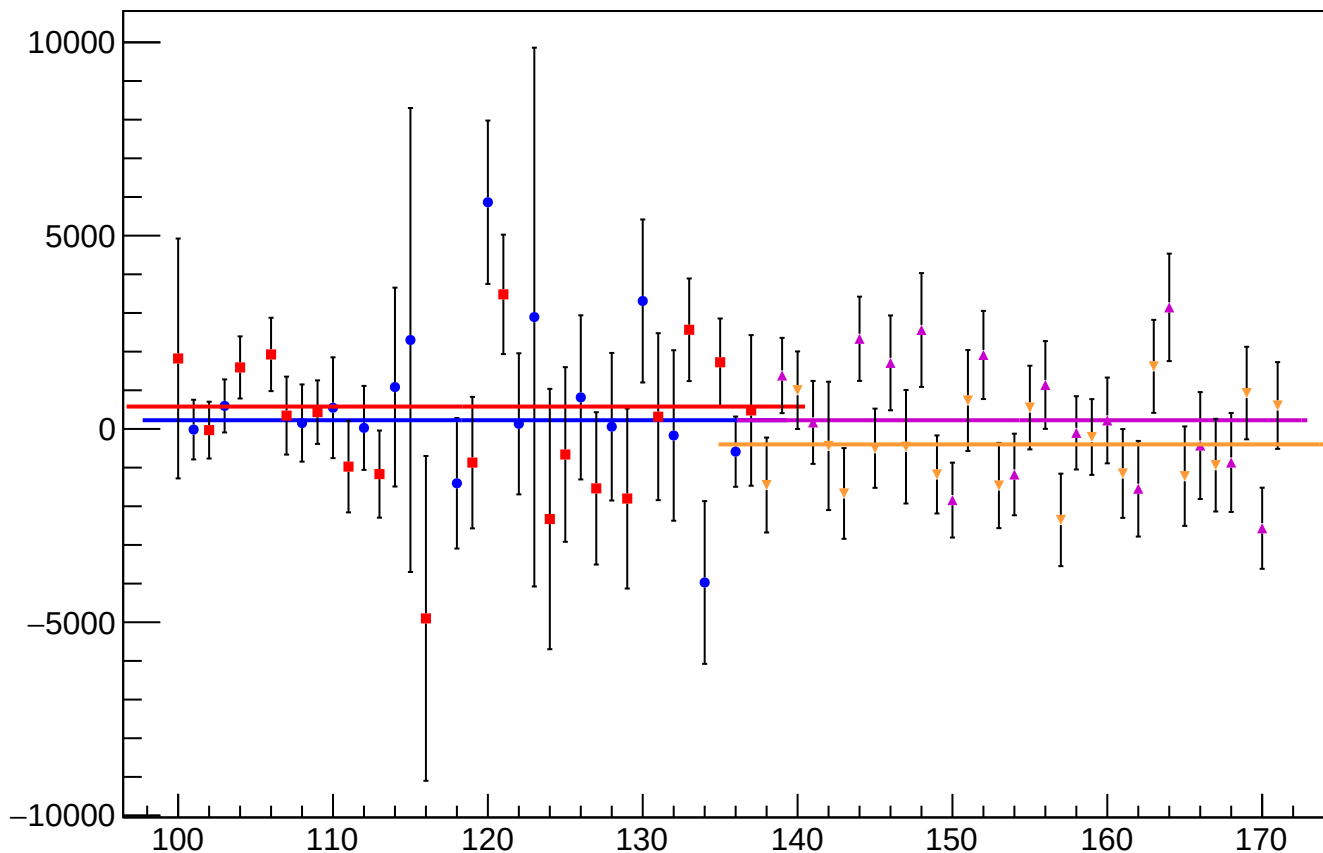
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 137.942 $\pm$ 0.023 χ^2/NDF : 2256750.0/32

Out: 132.885 $\pm$ 0.021 χ^2/NDF : 2872084.6/36

All: 135.247 $\pm$ 0.016 χ^2/NDF : 5154790.3/69

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -399.835 $\pm$ 273.234 χ^2/NDF :15.5/17

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 225.014 $\pm$ 282.373 χ^2/NDF :32.9/15

Left: -97.685 $\pm$ 196.357 χ^2/NDF : 51.0/33

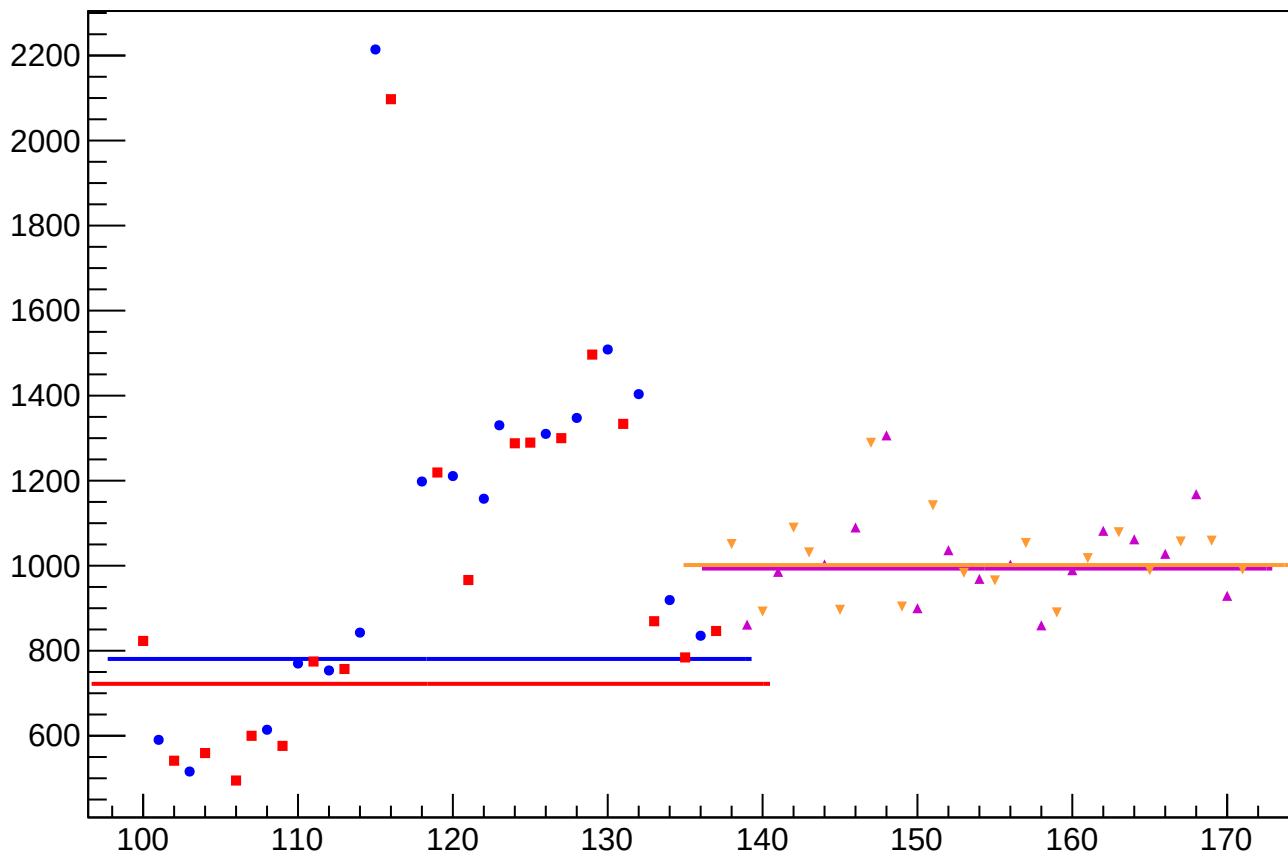
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 225.285 $\pm$ 212.135 χ^2/NDF :48.9/32

Out: 61.768 $\pm$ 198.621 χ^2/NDF :42.7/36

All: 138.153 $\pm$ 144.989 χ^2/NDF : 91.9/69

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1001.559 $\pm$ 0.193 χ^2 /NDF:224028.3/17

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 993.259 $\pm$ 0.200 χ^2 /NDF:263596.2/15

Left: 997.545 $\pm$ 0.139 χ^2 /NDF: 488517.0/33

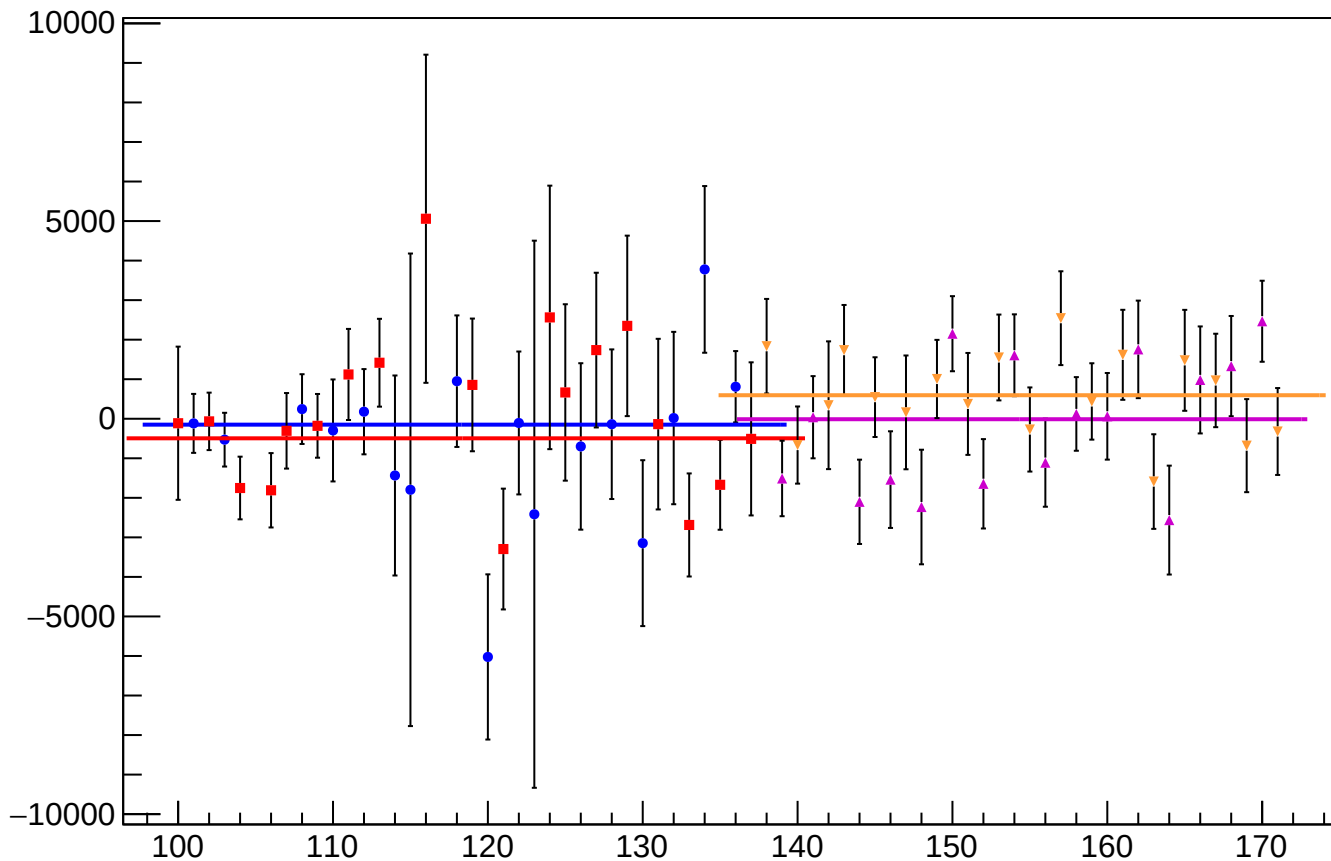
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 900.665 $\pm$ 0.150 χ^2 /NDF:2366780.9/32

Out: 869.796 $\pm$ 0.140 χ^2 /NDF:2839067.5/36

All: 884.216 $\pm$ 0.103 χ^2 /NDF: 5228416.0/69

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 595.010 ± 268.672 $\chi^2/\text{NDF}: 14.8/17$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -11.955 ± 277.661 $\chi^2/\text{NDF}: 33.9/15$

Left: 301.511 ± 193.079 $\chi^2/\text{NDF}: 51.2/33$

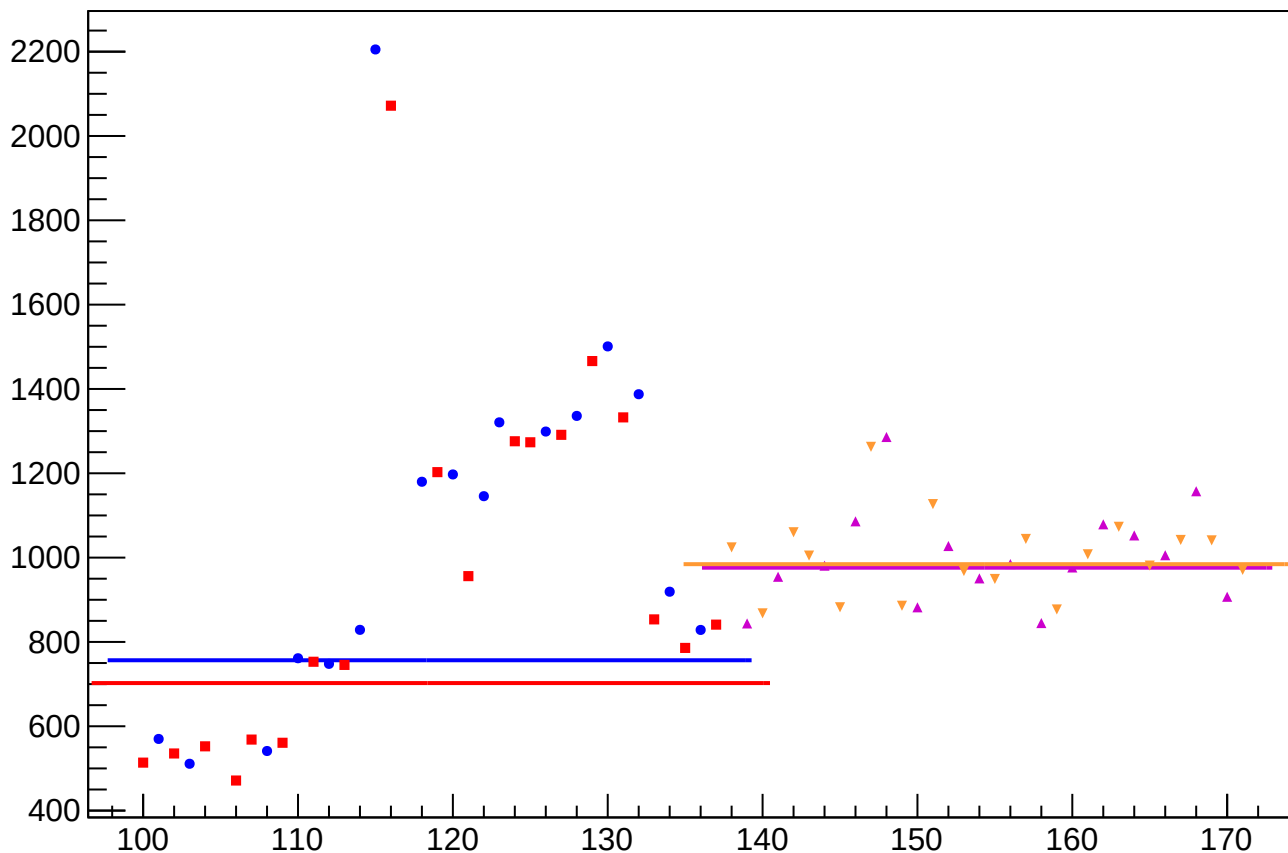
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -72.387 ± 207.700 $\chi^2/\text{NDF}: 50.2/32$

Out: 77.828 ± 194.757 $\chi^2/\text{NDF}: 46.3/36$

All: 7.546 ± 142.070 $\chi^2/\text{NDF}: 96.7/69$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 984.435+/-0.190 χ^2/NDF : 229445.5/17

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 976.099+/-0.196 χ^2/NDF : 282810.3/15

Left: 980.404+/-0.137 χ^2/NDF : 513186.9/33

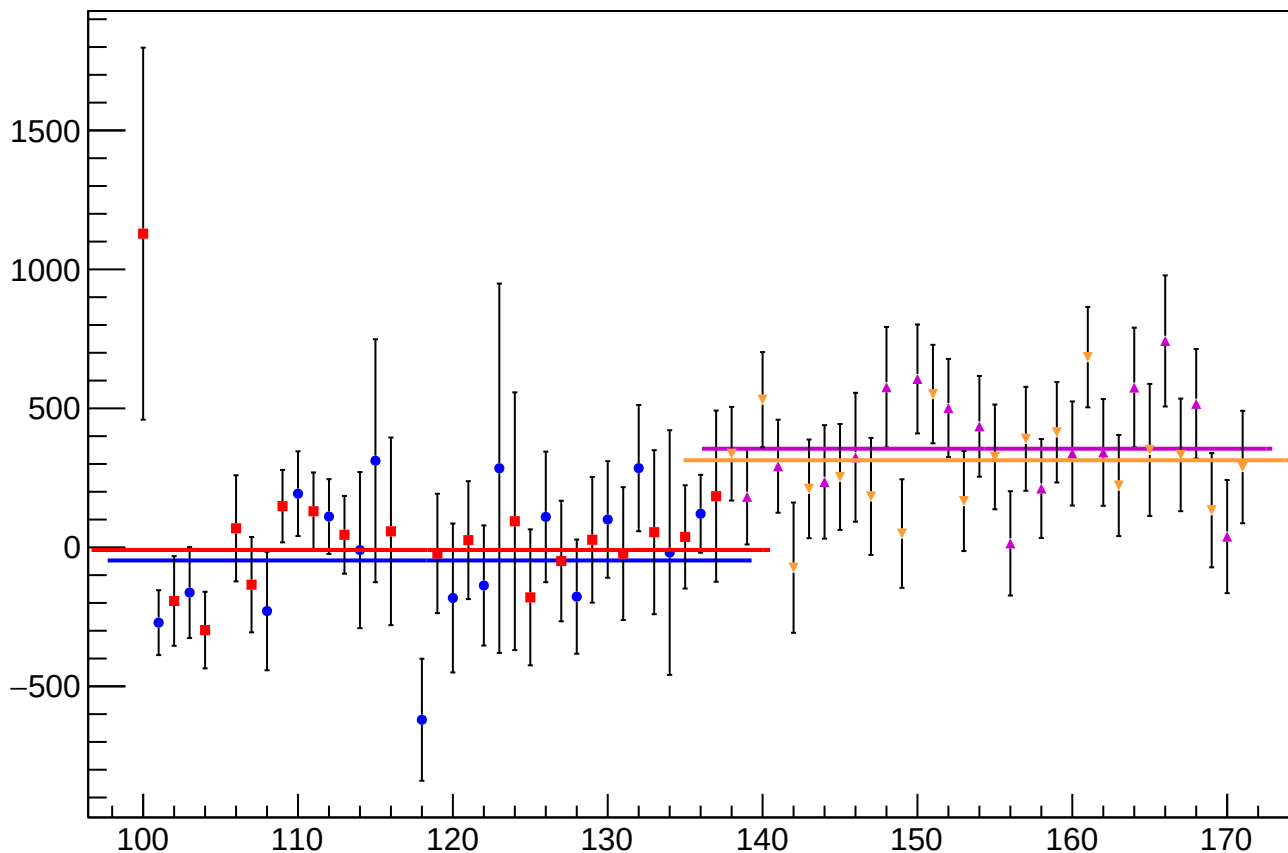
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 879.396+/-0.147 χ^2/NDF : 2547254.9/32

Out: 850.620+/-0.138 χ^2/NDF : 2964347.7/36

All: 864.083+/-0.100 χ^2/NDF : 5532030.4/69

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 313.377 $\pm$ 44.862 χ^2/NDF : 15.2/17

Right Out: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

Left In: 354.878 $\pm$ 48.385 χ^2/NDF : 15.9/15

Left: 332.562 $\pm$ 32.897 χ^2/NDF : 31.5/33

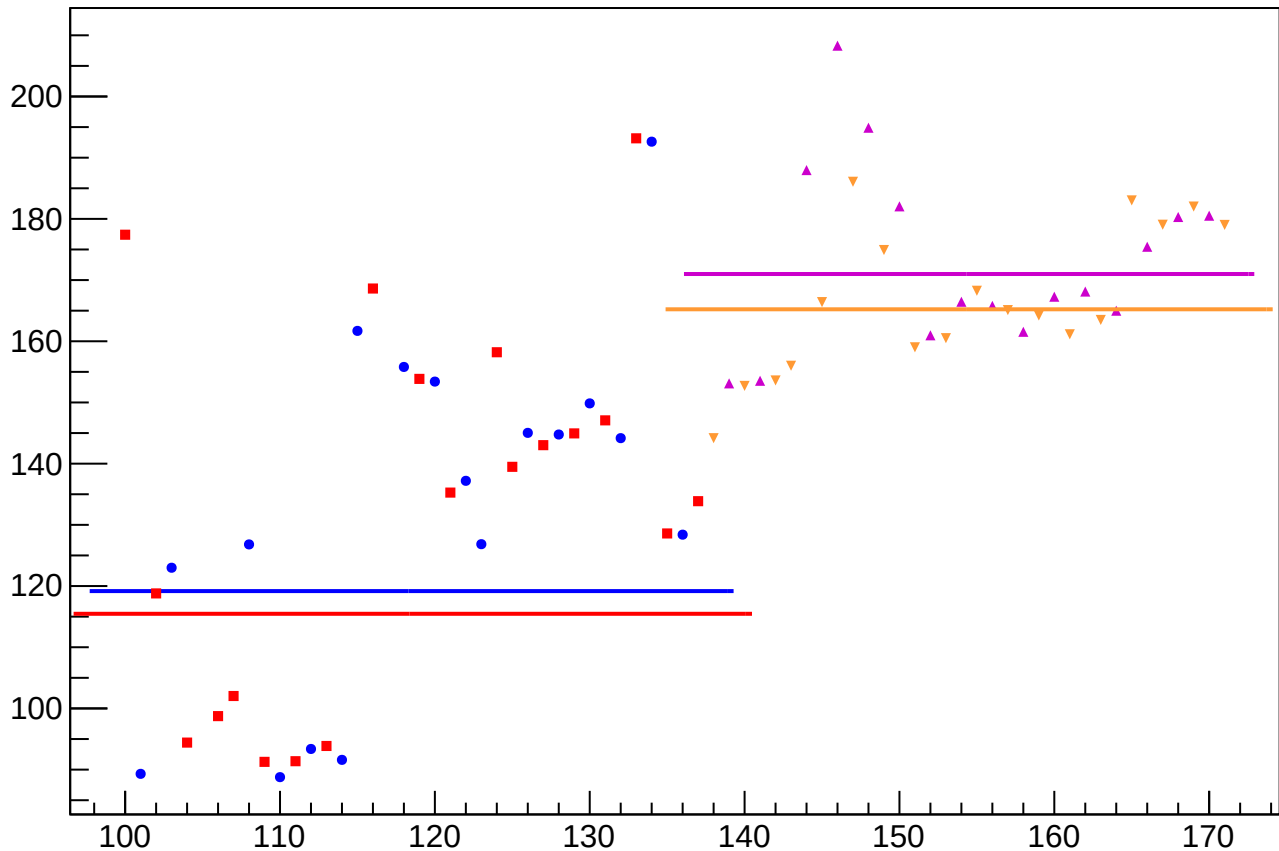
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 149.171 $\pm$ 33.812 χ^2/NDF : 73.1/32

Out: 151.528 $\pm$ 31.682 χ^2/NDF : 54.2/36

All: 150.426 $\pm$ 23.119 χ^2/NDF : 127.3/69

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 165.225+/-0.032 χ^2/NDF :125674.8/17

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 170.991+/-0.034 χ^2/NDF :166972.5/15

Left: 167.891+/-0.023 χ^2/NDF : 307923.1/33

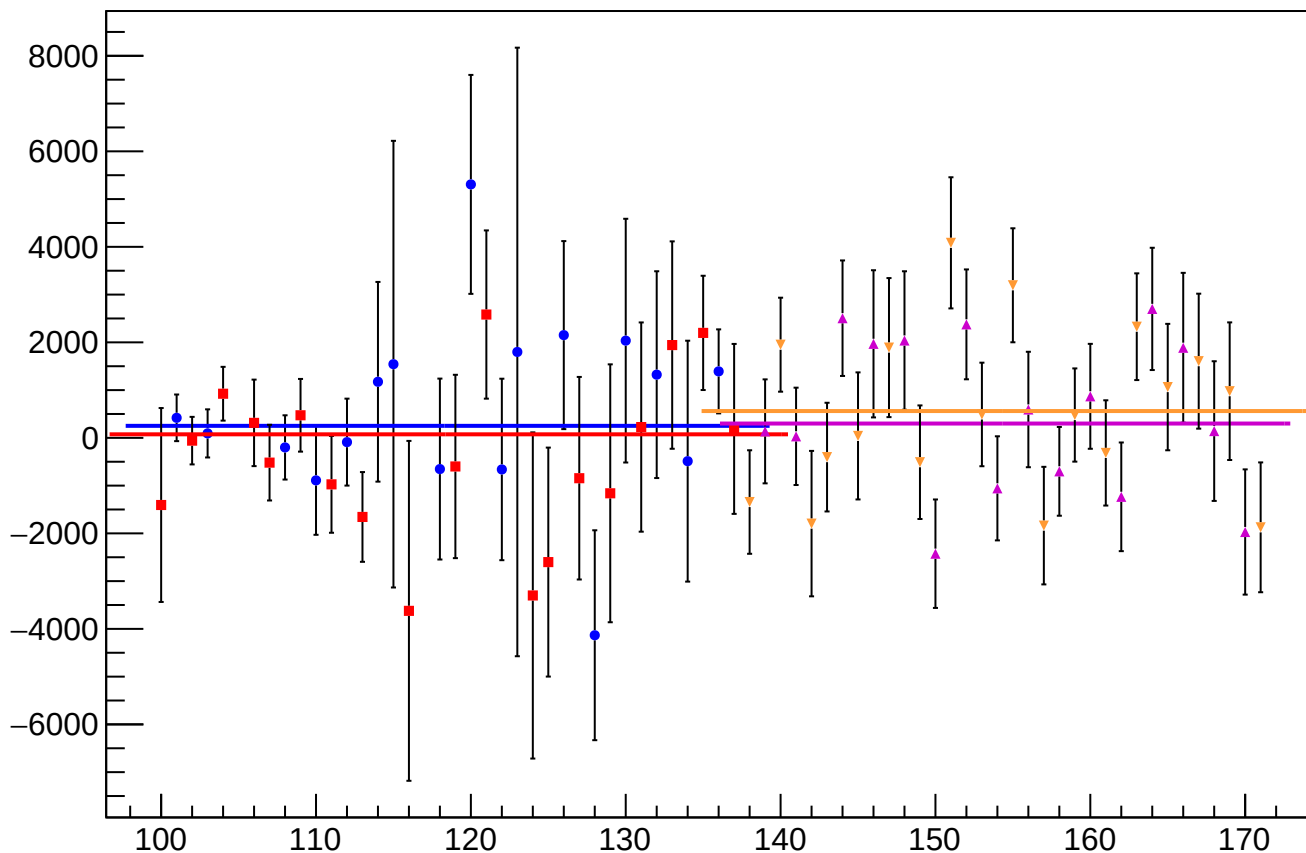
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 144.479+/-0.024 χ^2/NDF :1955912.0/32

Out: 140.283+/-0.022 χ^2/NDF :2051798.2/36

All: 142.244+/-0.016 χ^2/NDF : 4024112.8/69

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 561.255+/-284.636 χ^2/NDF : 32.4/17

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 299.854+/-297.895 χ^2/NDF : 27.5/15

Left: 436.501+/-205.796 χ^2/NDF : 60.2/33

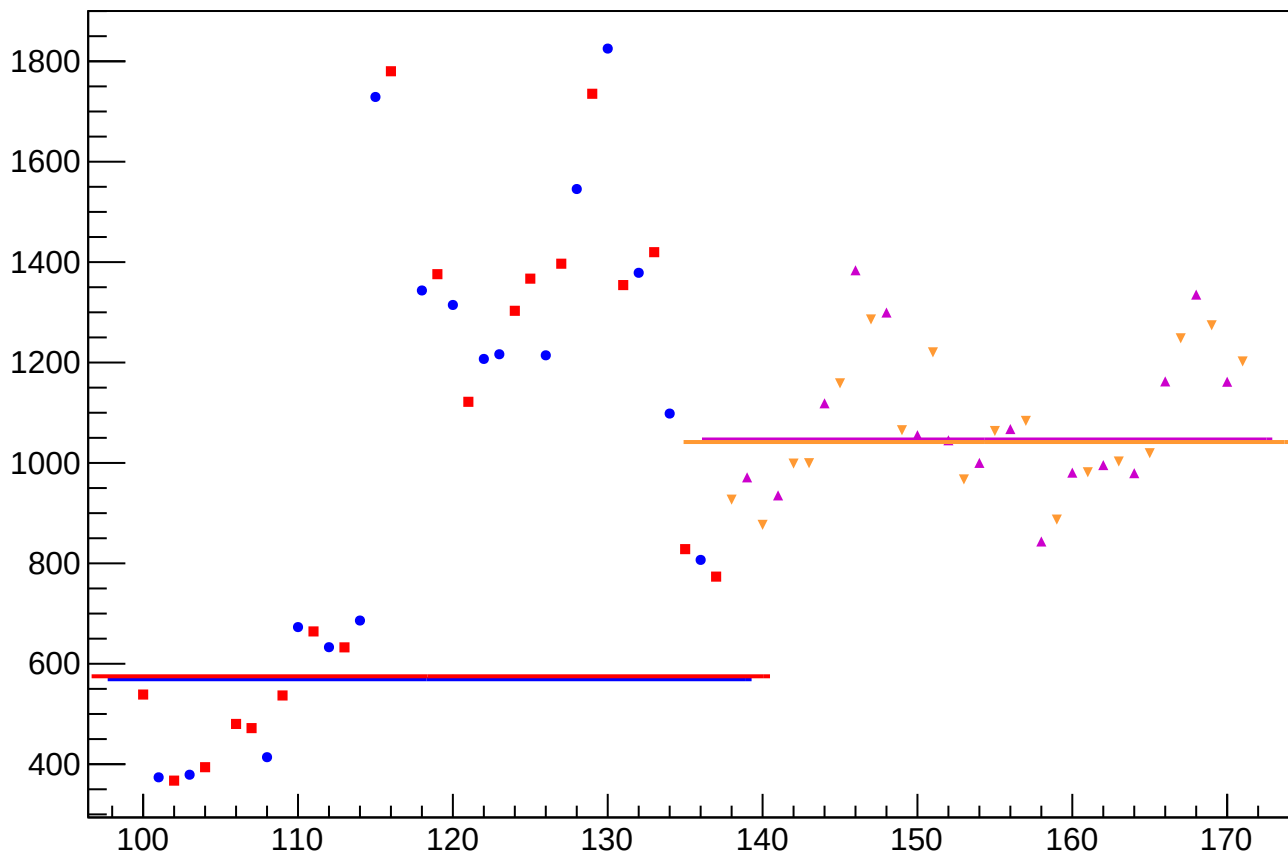
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 271.881+/-192.758 χ^2/NDF : 42.4/32

Out: 280.433+/-185.236 χ^2/NDF : 52.1/36

All: 276.327+/-133.562 χ^2/NDF : 94.4/69

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1041.668 $\pm$ 0.201 χ^2 /NDF:383542.3/17

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1046.712 $\pm$ 0.211 χ^2 /NDF:417839.8/15

Left: 1044.075 $\pm$ 0.146 χ^2 /NDF: 801681.9/33

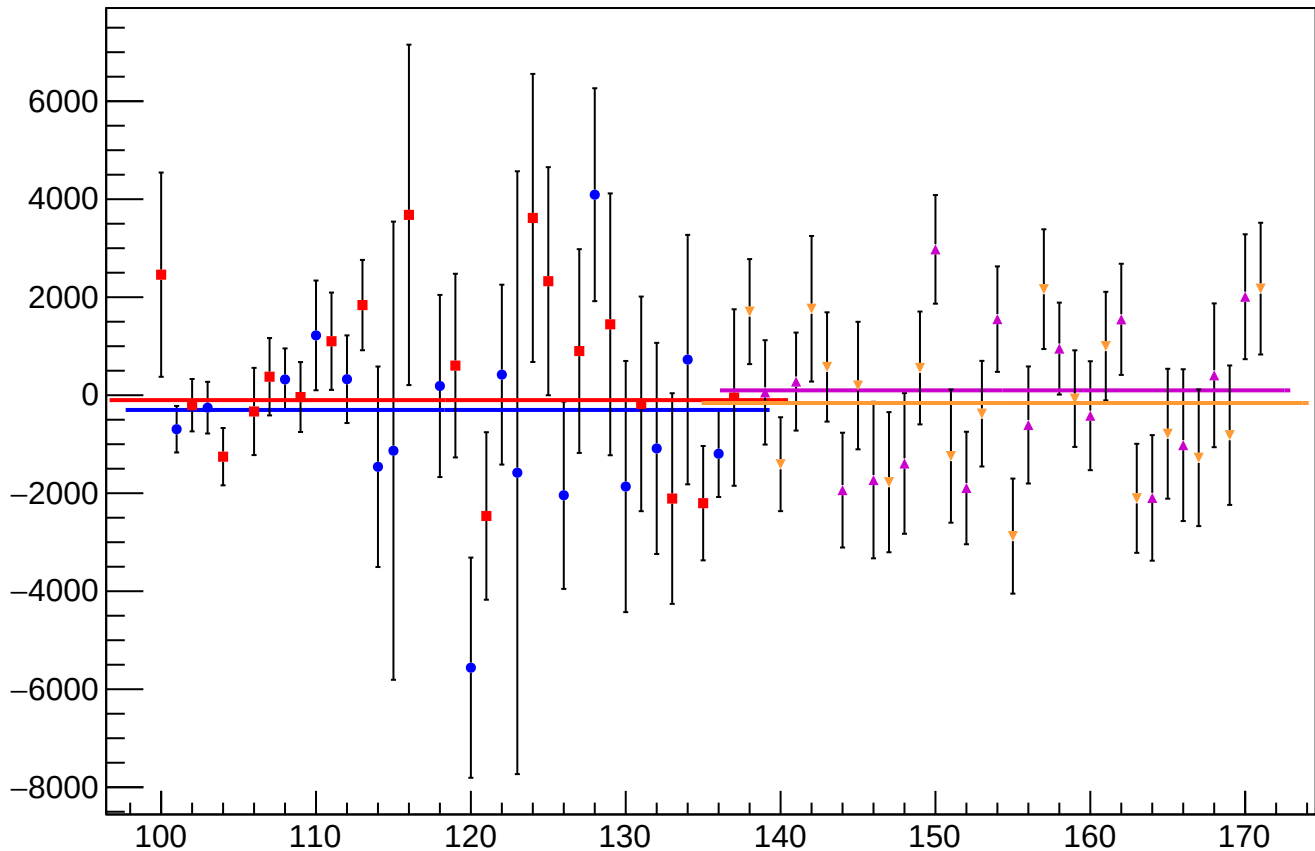
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 769.132 $\pm$ 0.136 χ^2 /NDF:6672171.2/32

Out: 772.671 $\pm$ 0.131 χ^2 /NDF:6541005.4/36

All: 770.972 $\pm$ 0.094 χ^2 /NDF: 13213527.1/69

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -158.948 ± 281.375 χ^2/NDF : 26.5/17

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 99.097 ± 295.480 χ^2/NDF : 25.8/15

Left: -36.231 ± 203.766 χ^2/NDF : 52.7/33

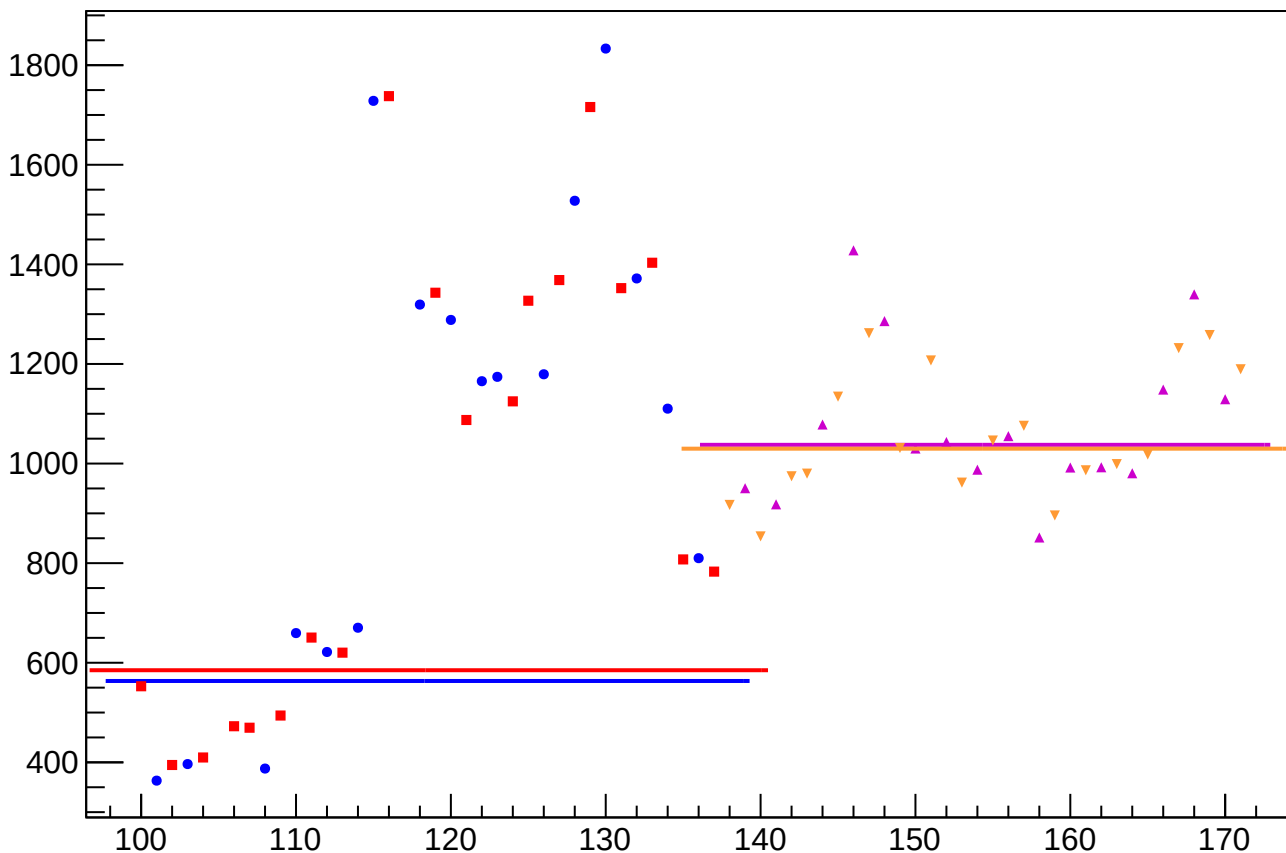
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -133.642 ± 190.988 χ^2/NDF : 43.6/32

Out: -125.503 ± 185.184 χ^2/NDF : 48.9/36

All: -129.447 ± 132.949 χ^2/NDF : 92.5/69

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1029.887 $\pm$ 0.199 χ^2 /NDF:370618.8/17

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1037.590 $\pm$ 0.209 χ^2 /NDF:423332.0/15

Left: 1033.551 $\pm$ 0.144 χ^2 /NDF: 794663.7/33

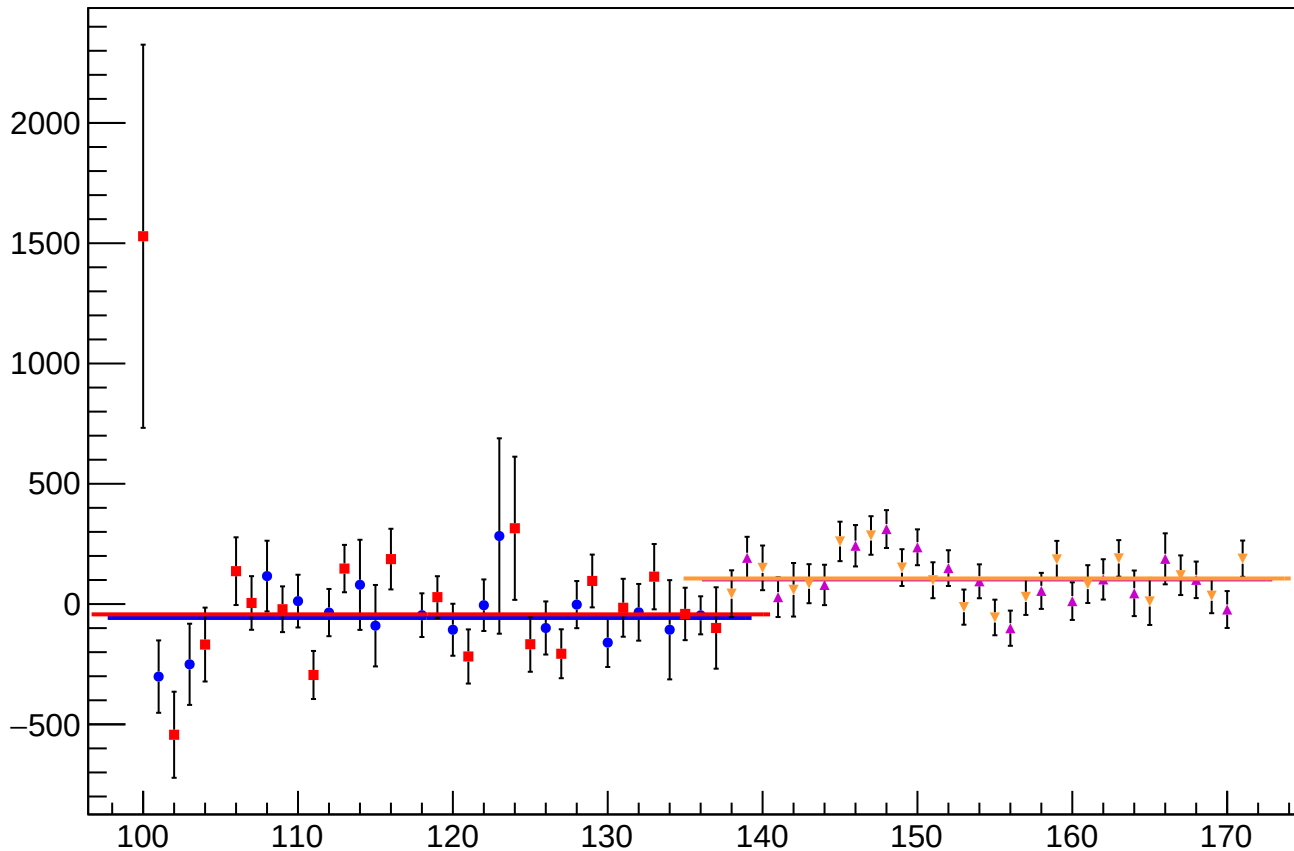
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 761.507 $\pm$ 0.135 χ^2 /NDF:6681356.5/32

Out: 777.691 $\pm$ 0.131 χ^2 /NDF:6023655.8/36

All: 769.849 $\pm$ 0.094 χ^2 /NDF: 12712414.4/69

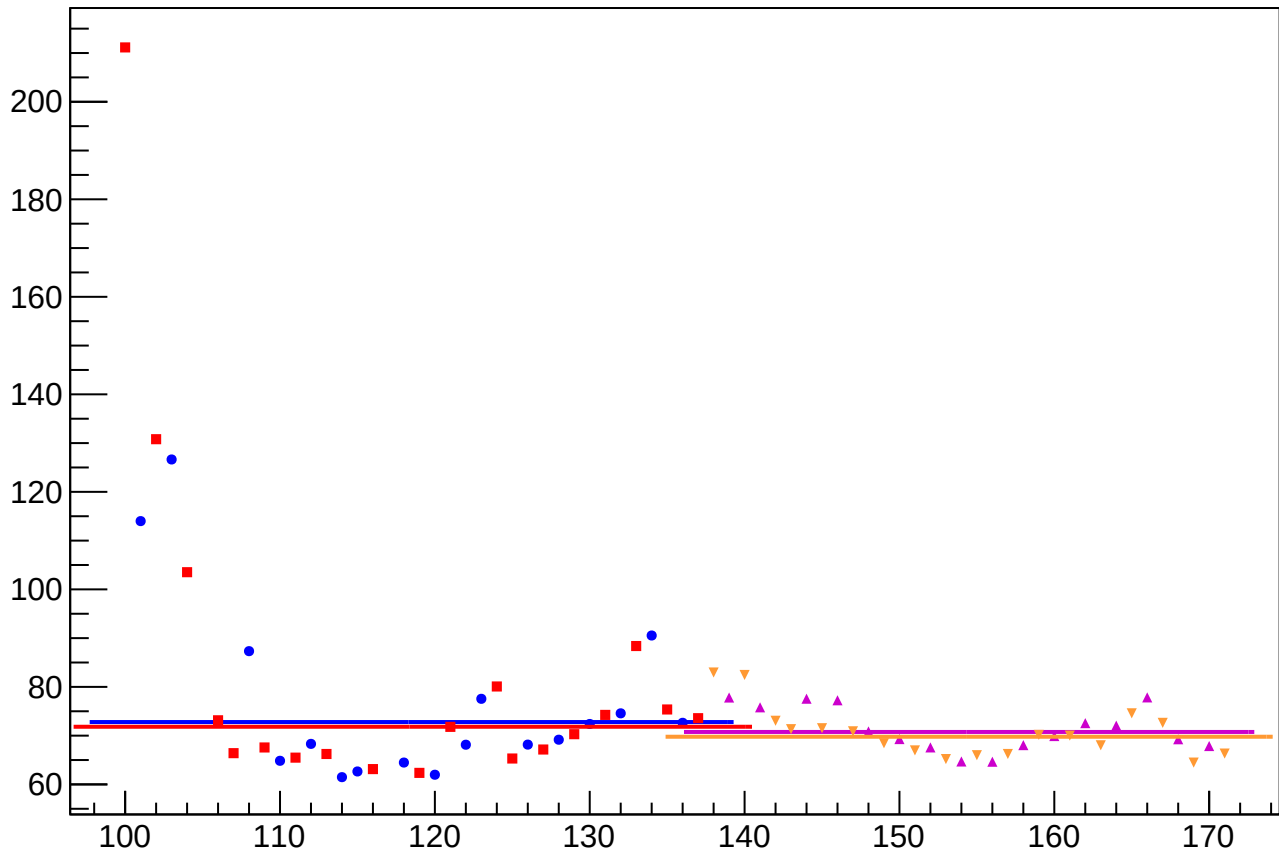
dit_asym_sam7_mean vs Slug, Sign Corrected



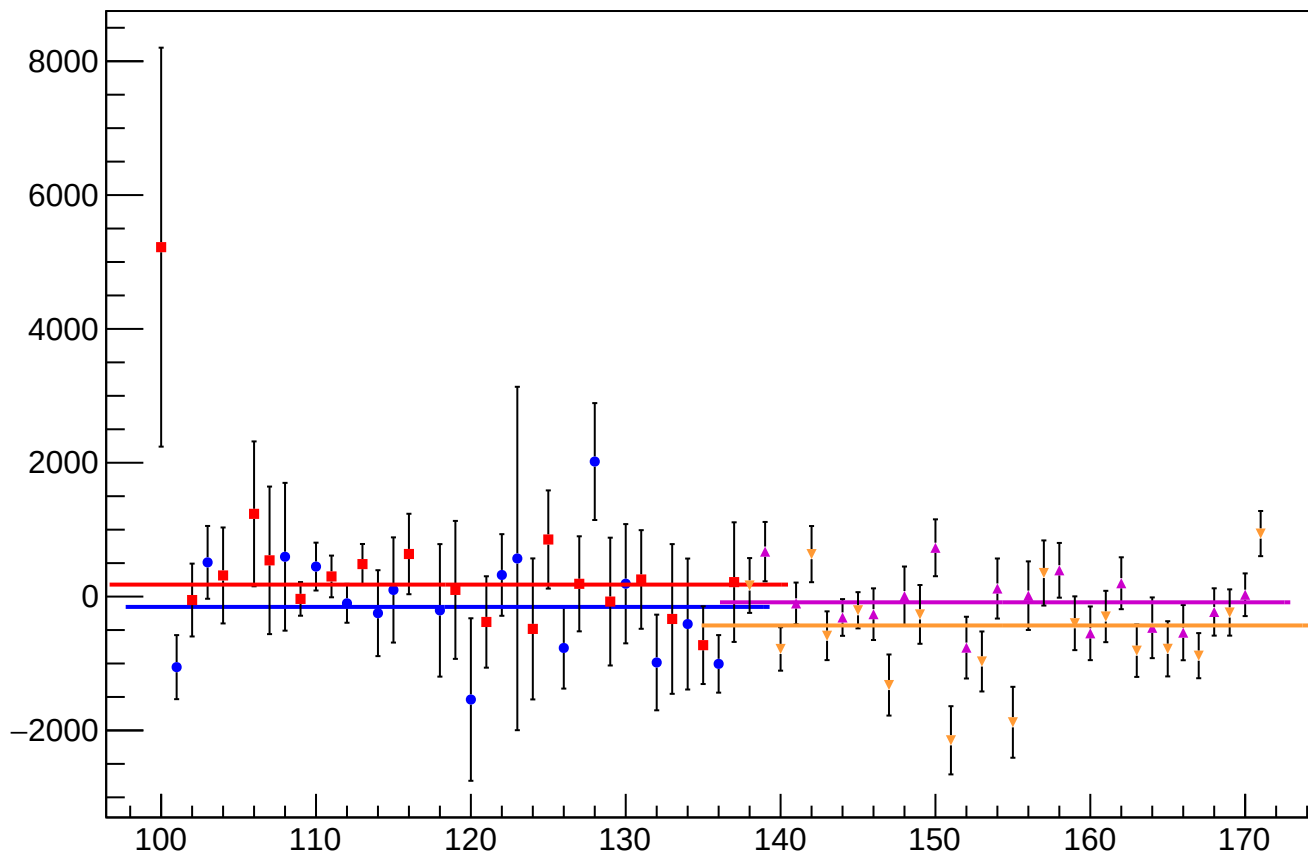
Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 106.348 ± 18.976 $\chi^2/\text{NDF}: 23.8/17$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 102.386 ± 20.026 $\chi^2/\text{NDF}: 28.4/15$

Left: 104.473 ± 13.774 $\chi^2/\text{NDF}: 52.2/33$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 49.948 ± 16.422 $\chi^2/\text{NDF}: 58.5/32$
 Out: 58.700 ± 15.654 $\chi^2/\text{NDF}: 82.6/36$
 All: 54.533 ± 11.331 $\chi^2/\text{NDF}: 141.2/69$

dit_asym_sam7_rms vs Slug, Sign Corrected



asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -431.433+/-91.197 χ^2/NDF : 57.8/17

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -85.556+/-96.719 χ^2/NDF : 15.4/15

Left: -268.650+/-66.352 χ^2/NDF : 80.0/33

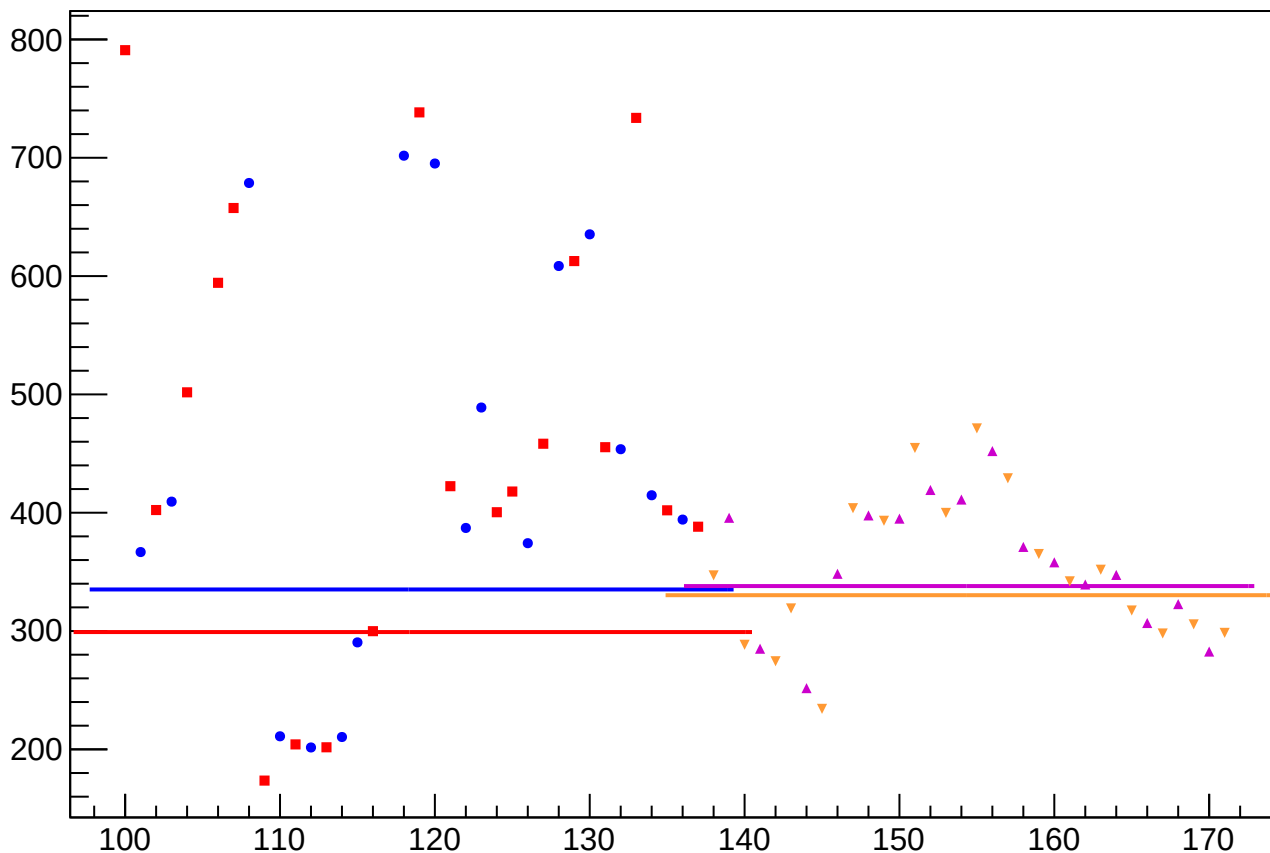
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -107.649+/-79.704 χ^2/NDF : 38.7/32

Out: -221.793+/-73.898 χ^2/NDF : 84.5/36

All: -169.029+/-54.190 χ^2/NDF : 124.3/69

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 330.289+/-0.064 χ^2/NDF : 881605.0/17

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 338.009+/-0.068 χ^2/NDF : 671711.4/15

Left: 333.922+/-0.047 χ^2/NDF : 1560062.0/33

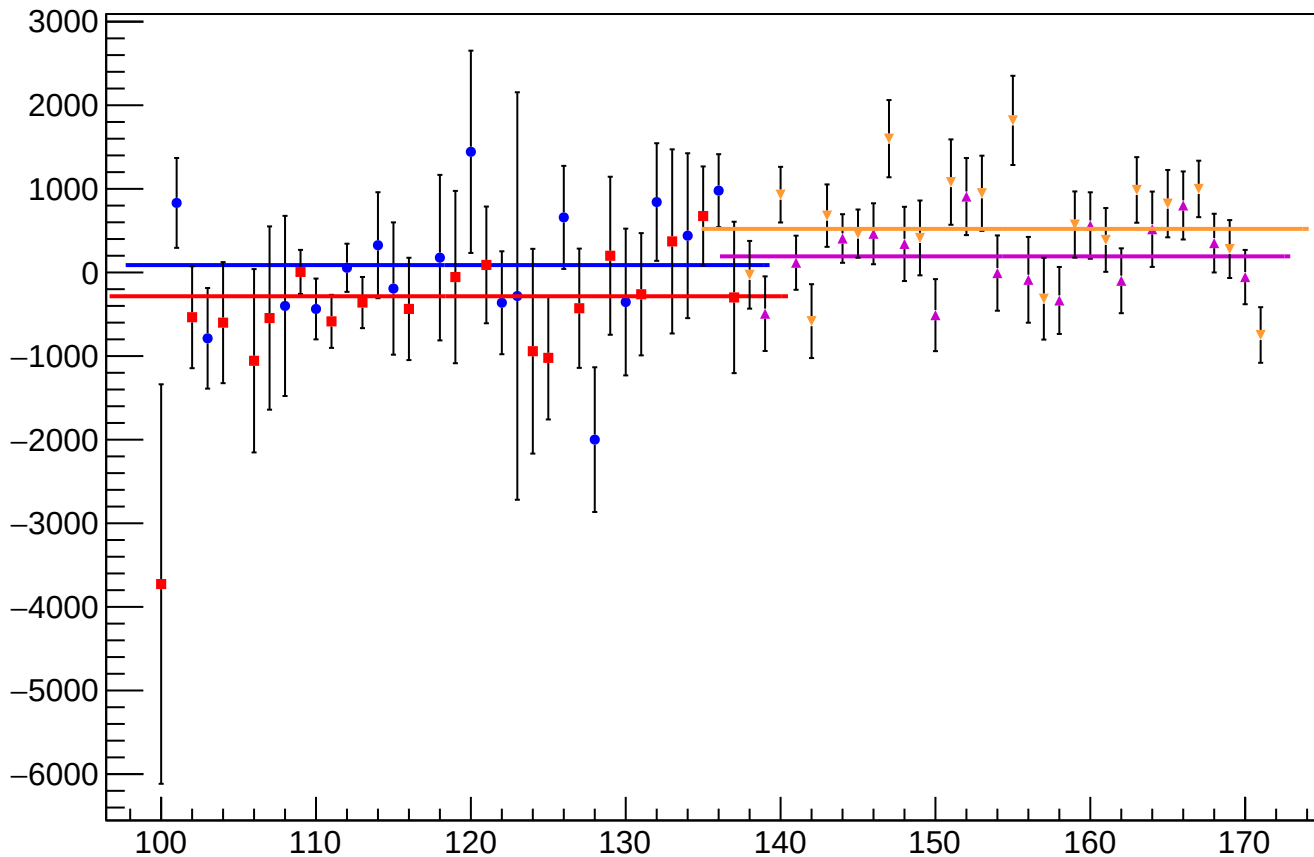
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 337.087+/-0.056 χ^2/NDF : 2666323.7/32

Out: 319.591+/-0.052 χ^2/NDF : 3792840.9/36

All: 327.679+/-0.038 χ^2/NDF : 6510985.3/69

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 521.445+/-92.192 χ^2/NDF :45.4/17

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 192.629+/-97.316 χ^2/NDF :15.9/15

Left: 365.921+/-66.928 χ^2/NDF : 67.3/33

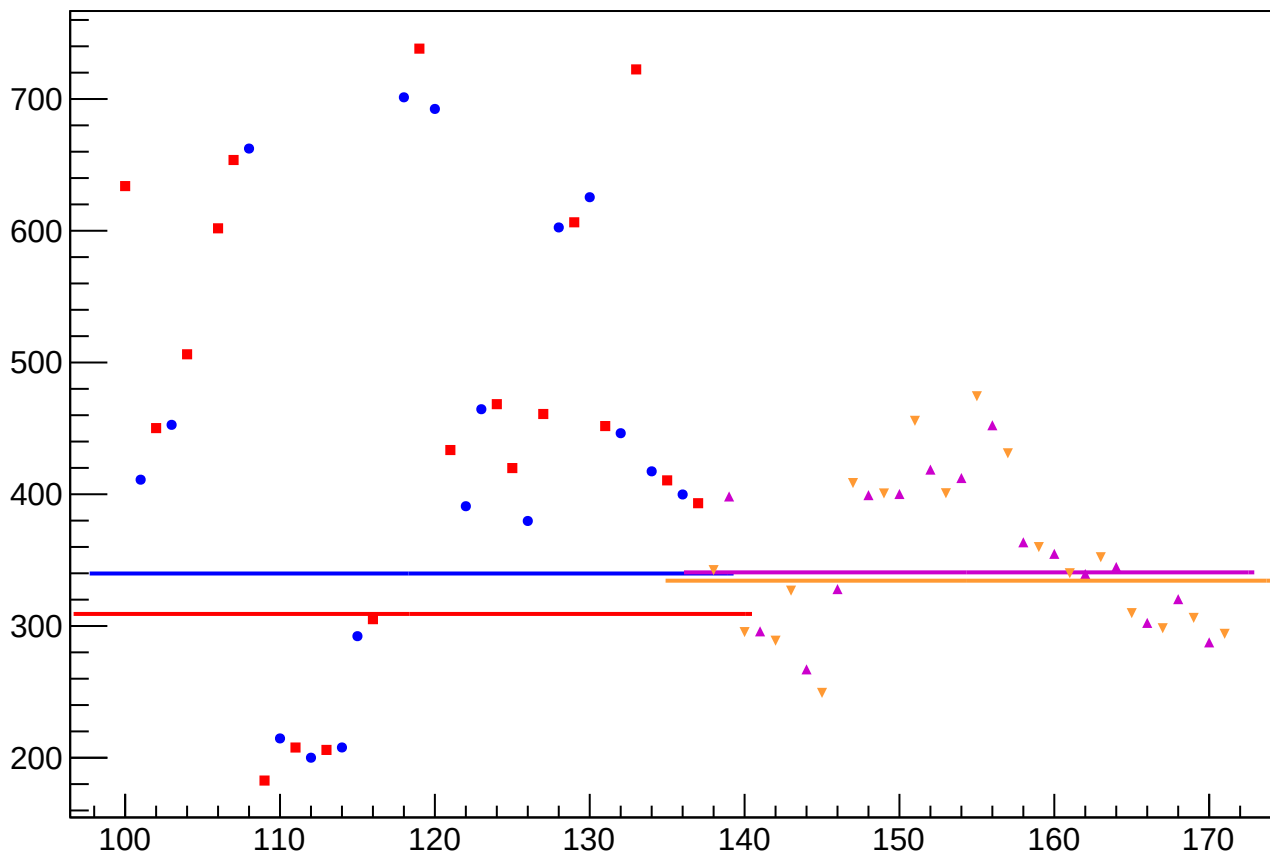
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 159.553+/-80.456 χ^2/NDF :37.1/32

Out: 250.849+/-75.138 χ^2/NDF :81.2/36

All: 208.318+/-54.915 χ^2/NDF : 118.9/69

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 334.403 ± 0.065 $\chi^2/\text{NDF}: 778305.8/17$

Right Out: 309.158 ± 0.092 $\chi^2/\text{NDF}: 2735887.4/18$

Left In: 340.712 ± 0.069 $\chi^2/\text{NDF}: 565062.3/15$

Left: 337.387 ± 0.047 $\chi^2/\text{NDF}: 1347798.6/33$

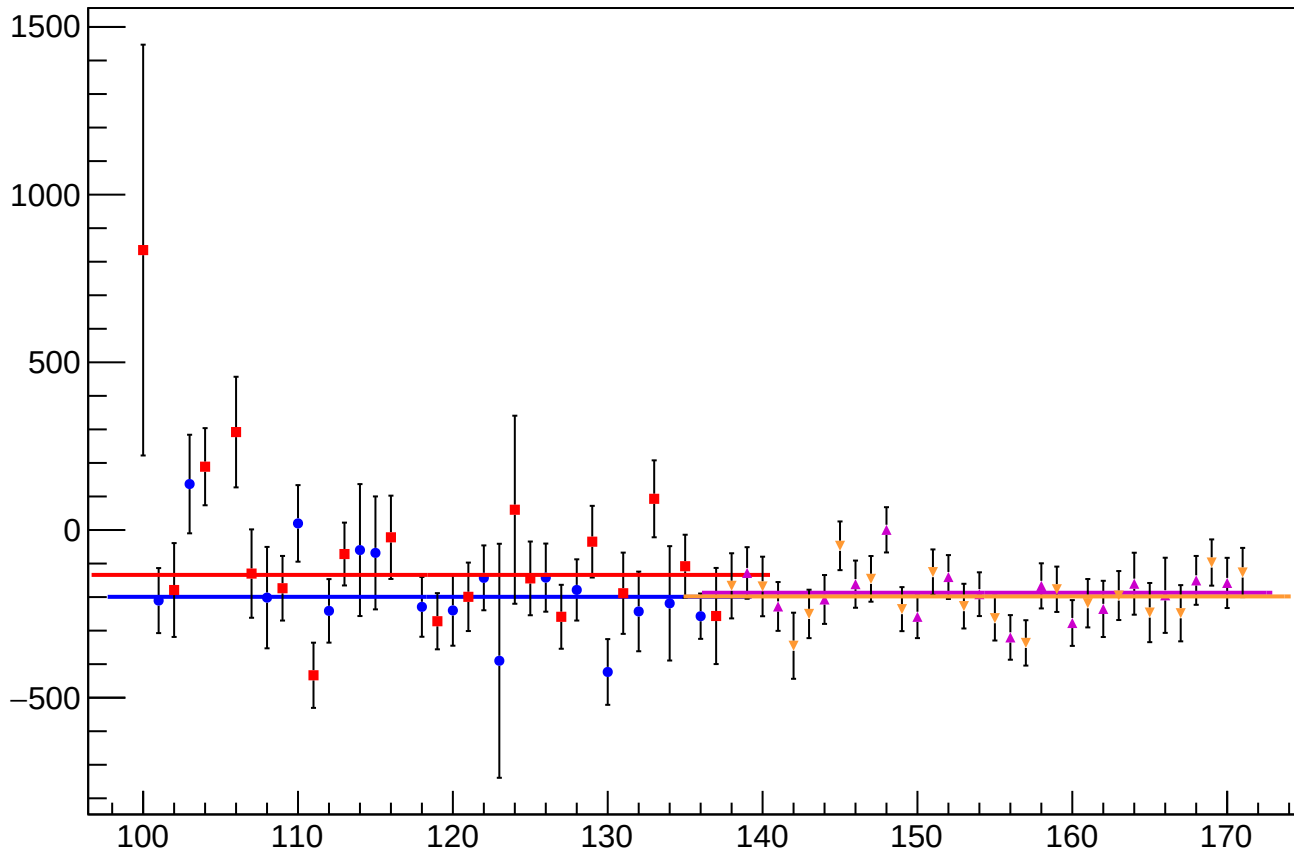
Right: 323.006 ± 0.068 $\chi^2/\text{NDF}: 4829958.1/35$

In: 340.439 ± 0.057 $\chi^2/\text{NDF}: 2608634.4/32$

Out: 325.927 ± 0.053 $\chi^2/\text{NDF}: 3564540.4/36$

All: 332.688 ± 0.039 $\chi^2/\text{NDF}: 6207930.4/69$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -198.035 $\pm$ 17.361 χ^2/NDF : 18.6/17

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -187.065 $\pm$ 18.102 χ^2/NDF : 17.3/15

Left: -192.779 $\pm$ 12.530 χ^2/NDF : 36.1/33

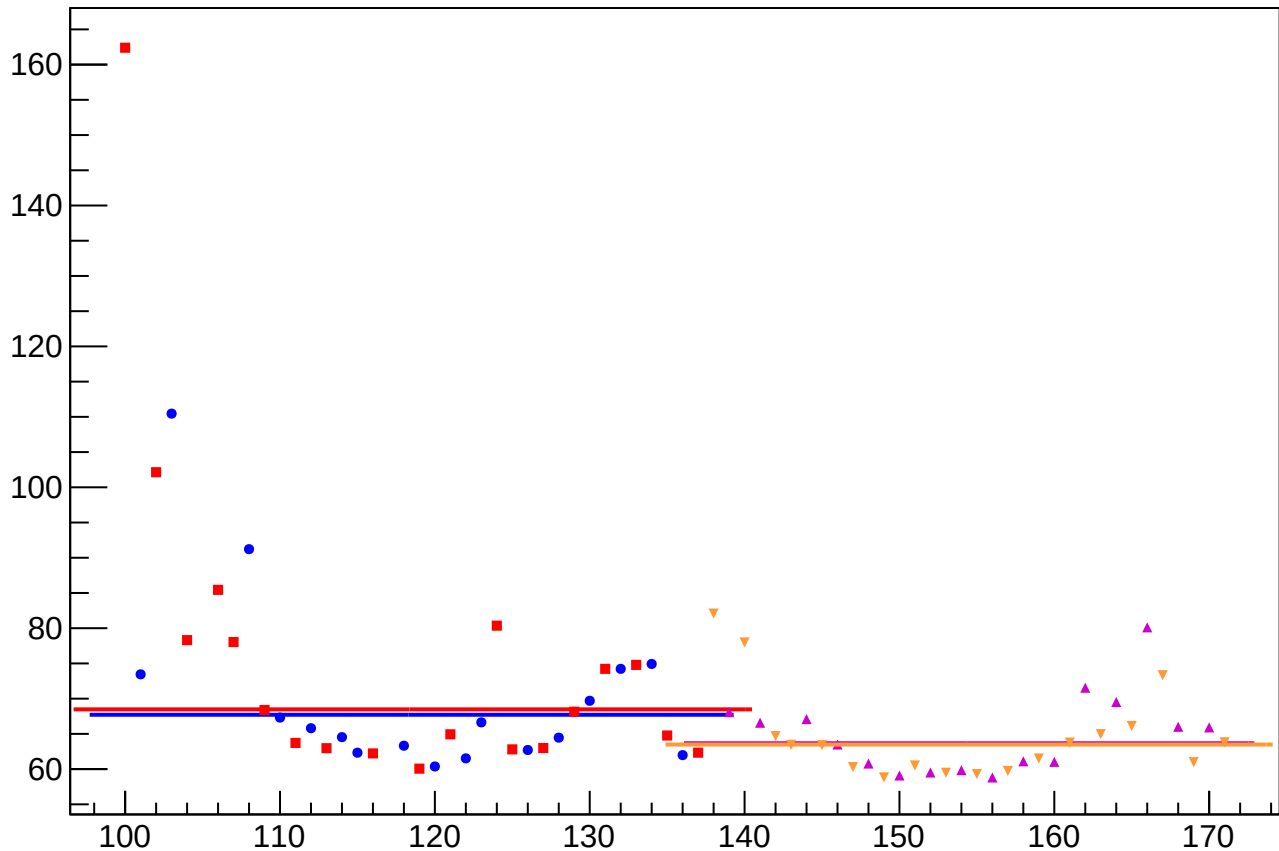
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -190.939 $\pm$ 14.950 χ^2/NDF : 35.1/32

Out: -178.479 $\pm$ 14.477 χ^2/NDF : 62.0/36

All: -184.509 $\pm$ 10.400 χ^2/NDF : 97.4/69

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$

Left Out: 63.485 ± 0.012 $\chi^2/\text{NDF}: 201068.4/17$

Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$

Left In: 63.672 ± 0.013 $\chi^2/\text{NDF}: 132436.6/15$

Left: 63.574 ± 0.009 $\chi^2/\text{NDF}: 333616.3/33$

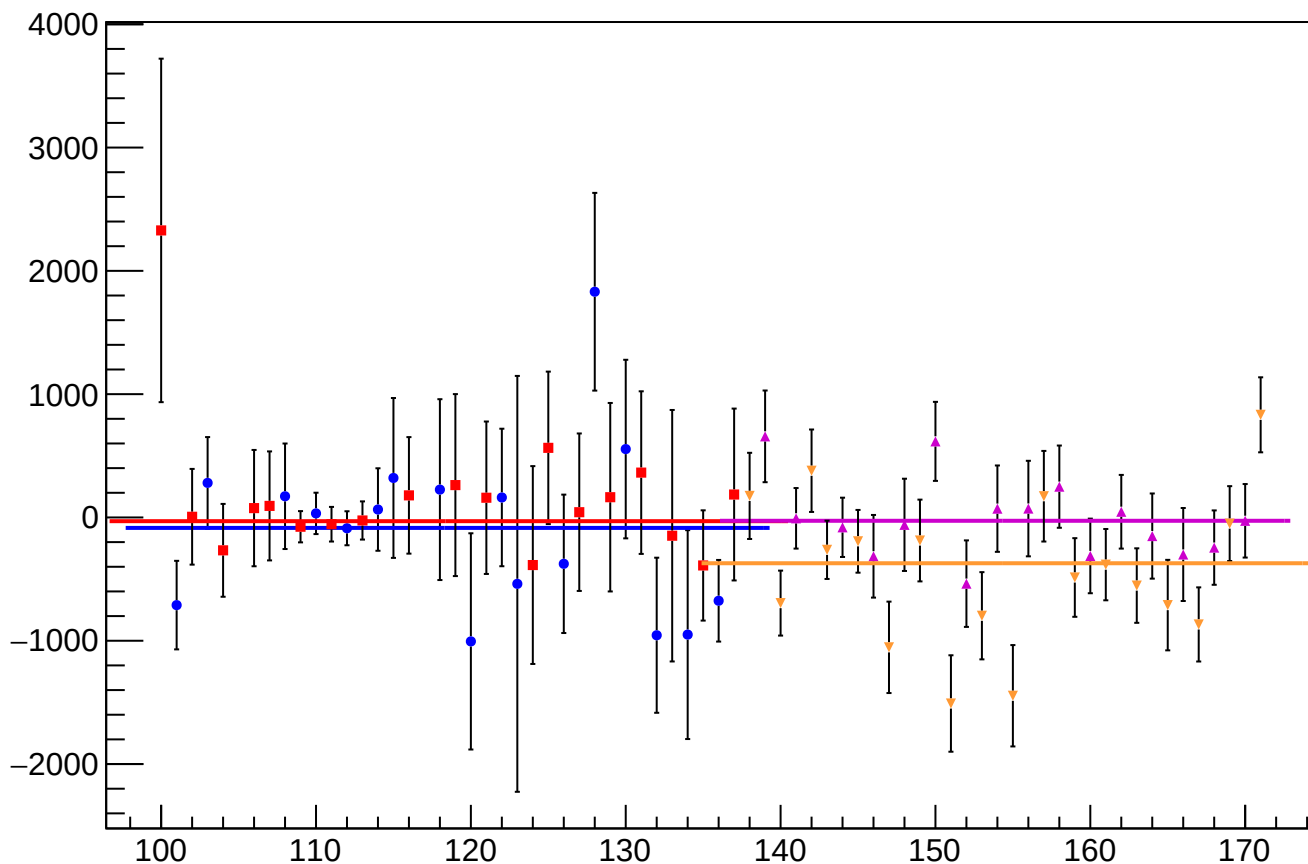
Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$

In: 64.957 ± 0.011 $\chi^2/\text{NDF}: 447057.4/32$

Out: 65.007 ± 0.010 $\chi^2/\text{NDF}: 532958.6/36$

All: 64.983 ± 0.007 $\chi^2/\text{NDF}: 980027.3/69$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -371.401 ± 74.118 χ^2/NDF : 53.2/17

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: -27.033 ± 79.402 χ^2/NDF : 13.3/15

Left: -211.056 ± 54.181 χ^2/NDF : 76.5/33

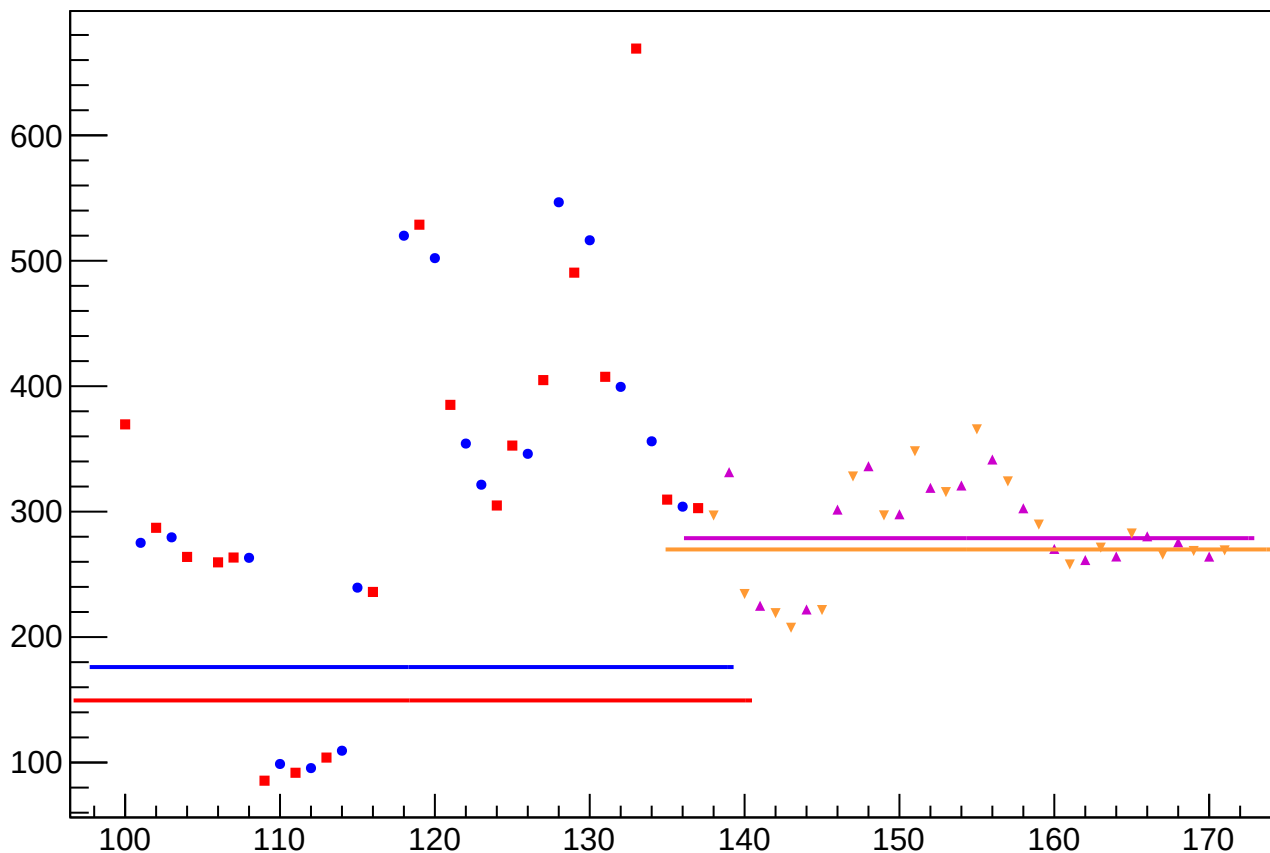
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -54.733 ± 57.265 χ^2/NDF : 33.5/32

Out: -190.249 ± 50.761 χ^2/NDF : 70.7/36

All: -130.621 ± 37.986 χ^2/NDF : 107.3/69

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 269.858 $\pm$ 0.052 χ^2 /NDF: 648570.3/17

Right Out: 149.484 $\pm$ 0.049 χ^2 /NDF: 4820971.0/18

Left In: 278.850 $\pm$ 0.056 χ^2 /NDF: 446139.5/15

Left: 274.045 $\pm$ 0.038 χ^2 /NDF: 1108414.2/33

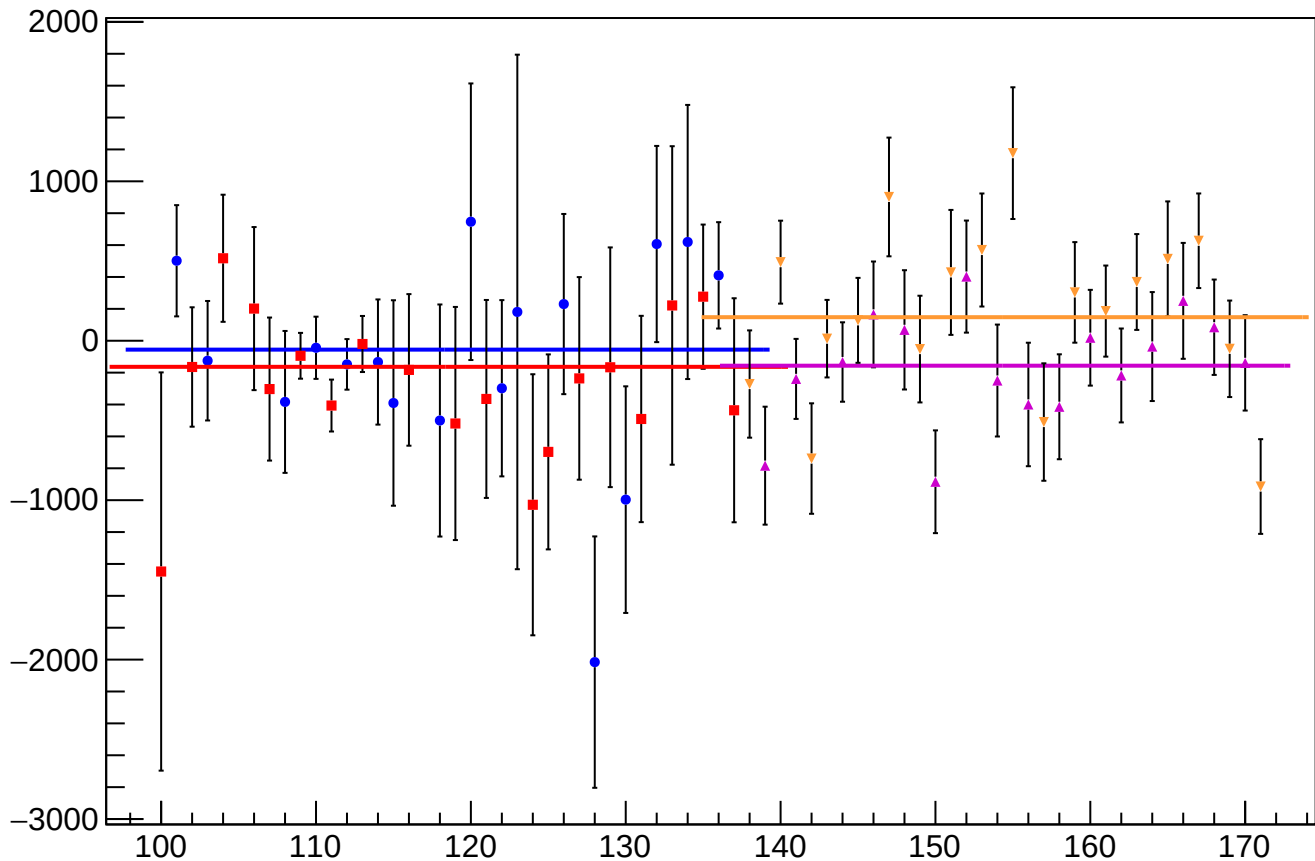
Right: 160.534 $\pm$ 0.038 χ^2 /NDF: 9165825.3/35

In: 229.543 $\pm$ 0.040 χ^2 /NDF: 6277013.3/32

Out: 205.945 $\pm$ 0.036 χ^2 /NDF: 8270553.3/36

All: 216.328 $\pm$ 0.027 χ^2 /NDF: 14737753.5/69

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 147.780 ± 74.229 χ^2/NDF : 43.6/17

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -156.492 ± 79.463 χ^2/NDF : 15.4/15

Left: 5.994 ± 54.244 χ^2/NDF : 66.9/33

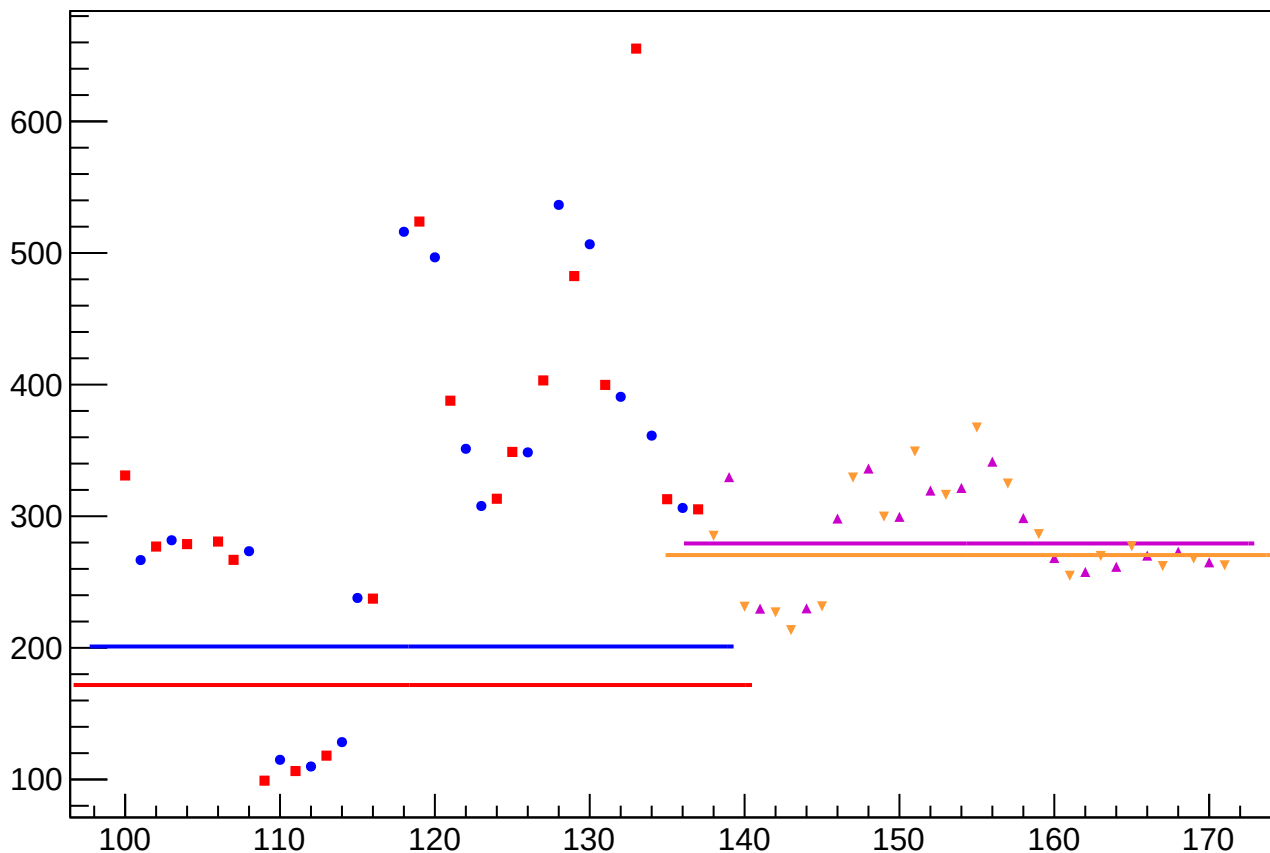
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -112.663 ± 59.733 χ^2/NDF : 33.3/32

Out: -2.340 ± 53.416 χ^2/NDF : 63.5/36

All: -51.362 ± 39.817 χ^2/NDF : 98.7/69

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 270.500 $\pm$ 0.052 χ^2 /NDF: 581479.4/17

Right Out: 171.765 $\pm$ 0.054 χ^2 /NDF: 4098218.1/18

Left In: 279.311 $\pm$ 0.056 χ^2 /NDF: 393062.3/15

Left: 274.606 $\pm$ 0.038 χ^2 /NDF: 987673.2/33

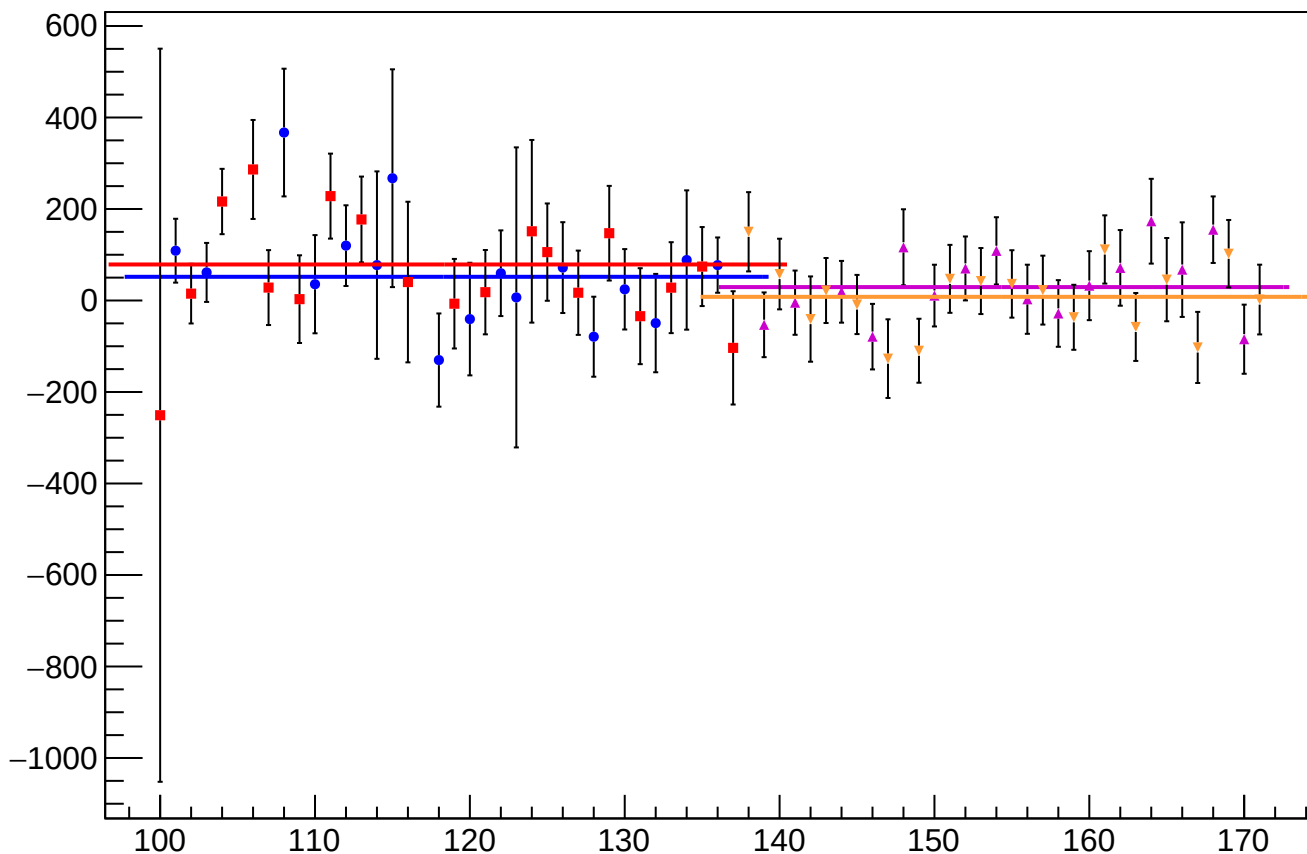
Right: 184.032 $\pm$ 0.041 χ^2 /NDF: 7652597.2/35

In: 245.266 $\pm$ 0.042 χ^2 /NDF: 4670159.3/32

Out: 222.894 $\pm$ 0.038 χ^2 /NDF: 6385851.9/36

All: 232.835 $\pm$ 0.028 χ^2 /NDF: 11211910.0/69

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: 7.993 $\pm$ 17.879 χ^2 /NDF:16.4/17

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 29.322 $\pm$ 18.792 χ^2 /NDF:15.4/15

Left: 18.127 $\pm$ 12.953 χ^2 /NDF: 32.5/33

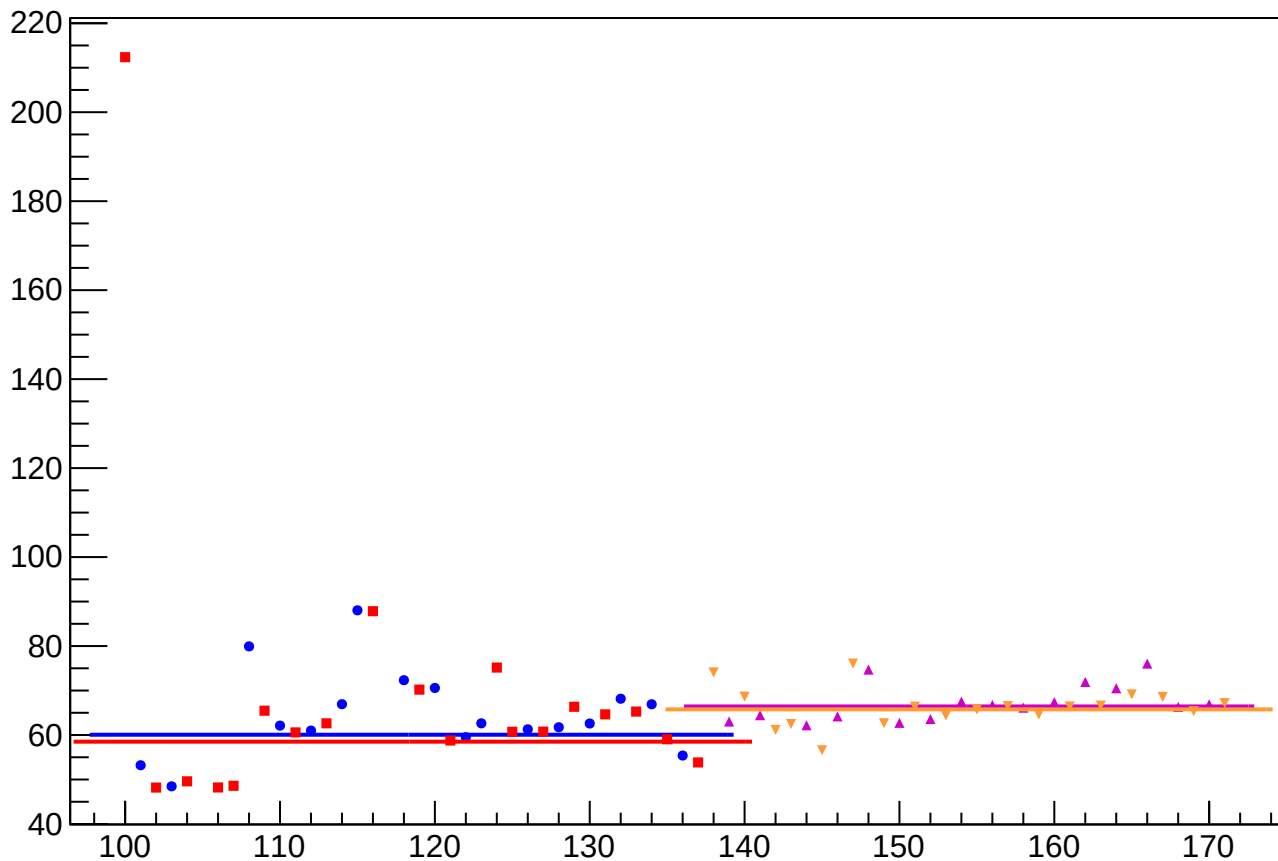
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 38.072 $\pm$ 14.686 χ^2 /NDF:30.5/32

Out: 35.393 $\pm$ 13.995 χ^2 /NDF:41.6/36

All: 36.668 $\pm$ 10.132 χ^2 /NDF: 72.1/69

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 ± 0.017 $\chi^2/\text{NDF}: 229098.7/16$

Left Out: 65.765 ± 0.013 $\chi^2/\text{NDF}: 111538.0/17$

Right Out: 58.508 ± 0.016 $\chi^2/\text{NDF}: 348822.3/18$

Left In: 66.424 ± 0.013 $\chi^2/\text{NDF}: 76167.7/15$

Left: 66.078 ± 0.009 $\chi^2/\text{NDF}: 188995.3/33$

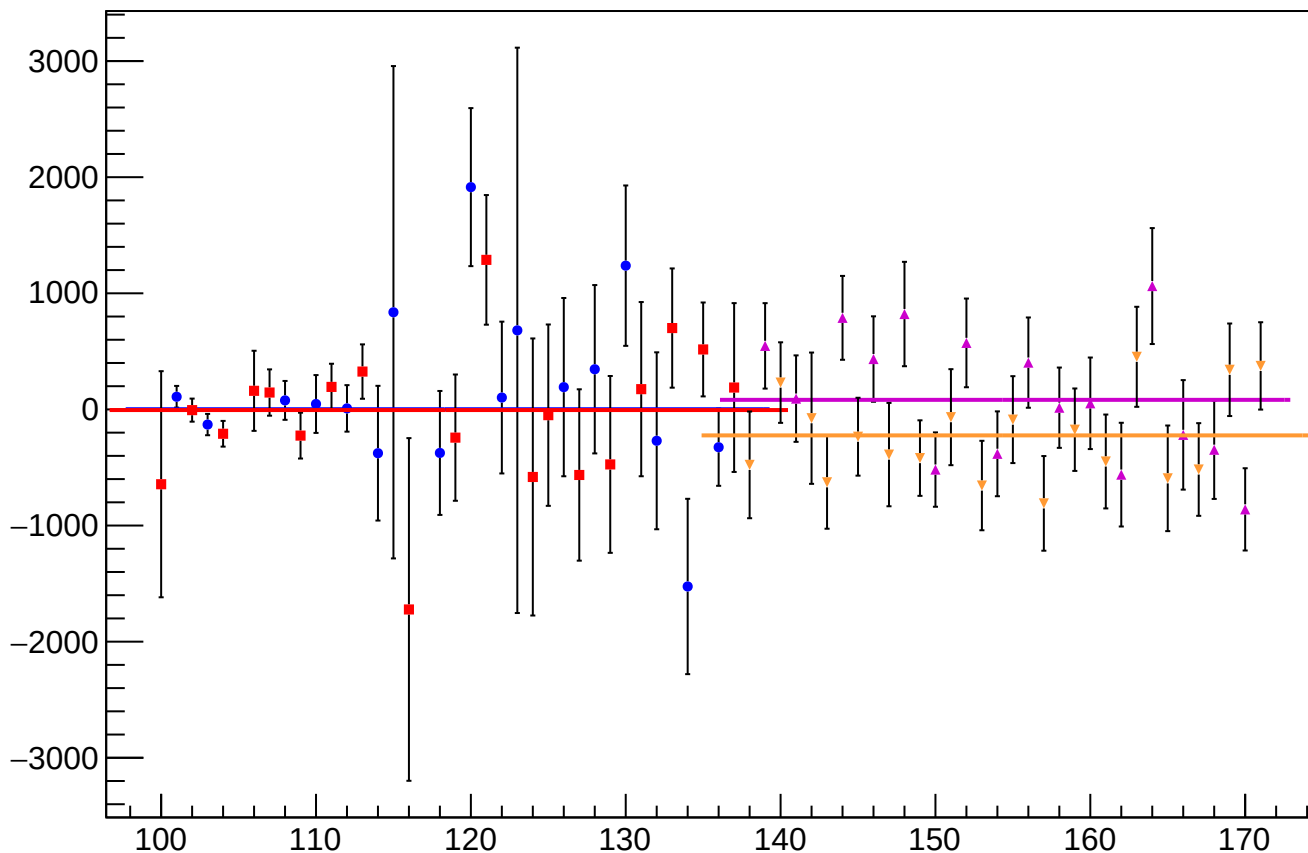
Right: 59.251 ± 0.011 $\chi^2/\text{NDF}: 582496.2/35$

In: 63.948 ± 0.010 $\chi^2/\text{NDF}: 394391.2/32$

Out: 62.955 ± 0.010 $\chi^2/\text{NDF}: 587943.8/36$

All: 63.428 ± 0.007 $\chi^2/\text{NDF}: 987133.0/69$

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -223.609 ± 93.048 $\chi^2/\text{NDF}: 15.8/17$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 82.517 ± 96.593 $\chi^2/\text{NDF}: 31.0/15$

Left: -76.267 ± 67.013 $\chi^2/\text{NDF}: 52.0/33$

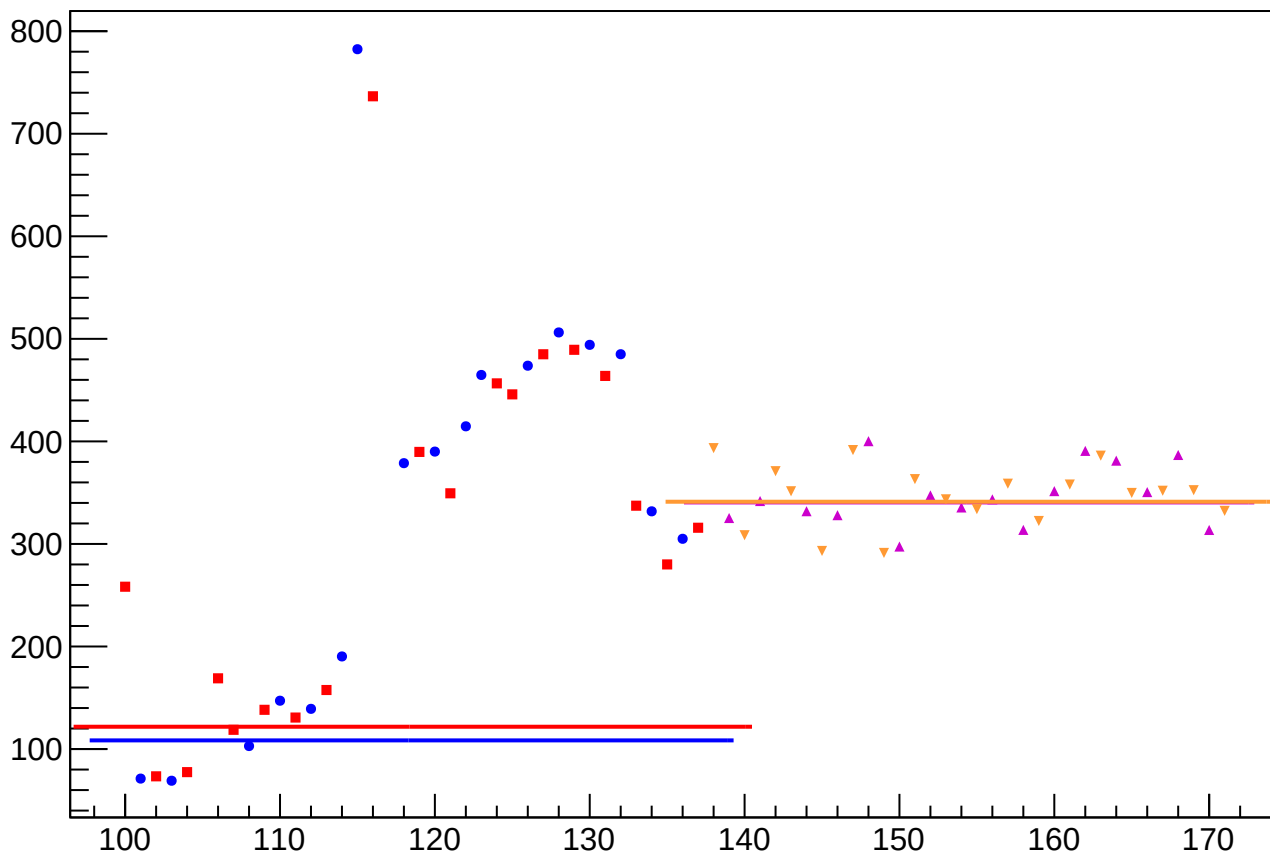
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 21.007 ± 47.323 $\chi^2/\text{NDF}: 52.9/32$

Out: -64.208 ± 48.304 $\chi^2/\text{NDF}: 40.4/36$

All: -20.726 ± 33.804 $\chi^2/\text{NDF}: 94.9/69$

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: 341.166 $\pm$ 0.066 χ^2 /NDF: 210058.7/17

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 340.470 $\pm$ 0.068 χ^2 /NDF: 167852.2/15

Left: 340.831 $\pm$ 0.047 χ^2 /NDF: 377964.7/33

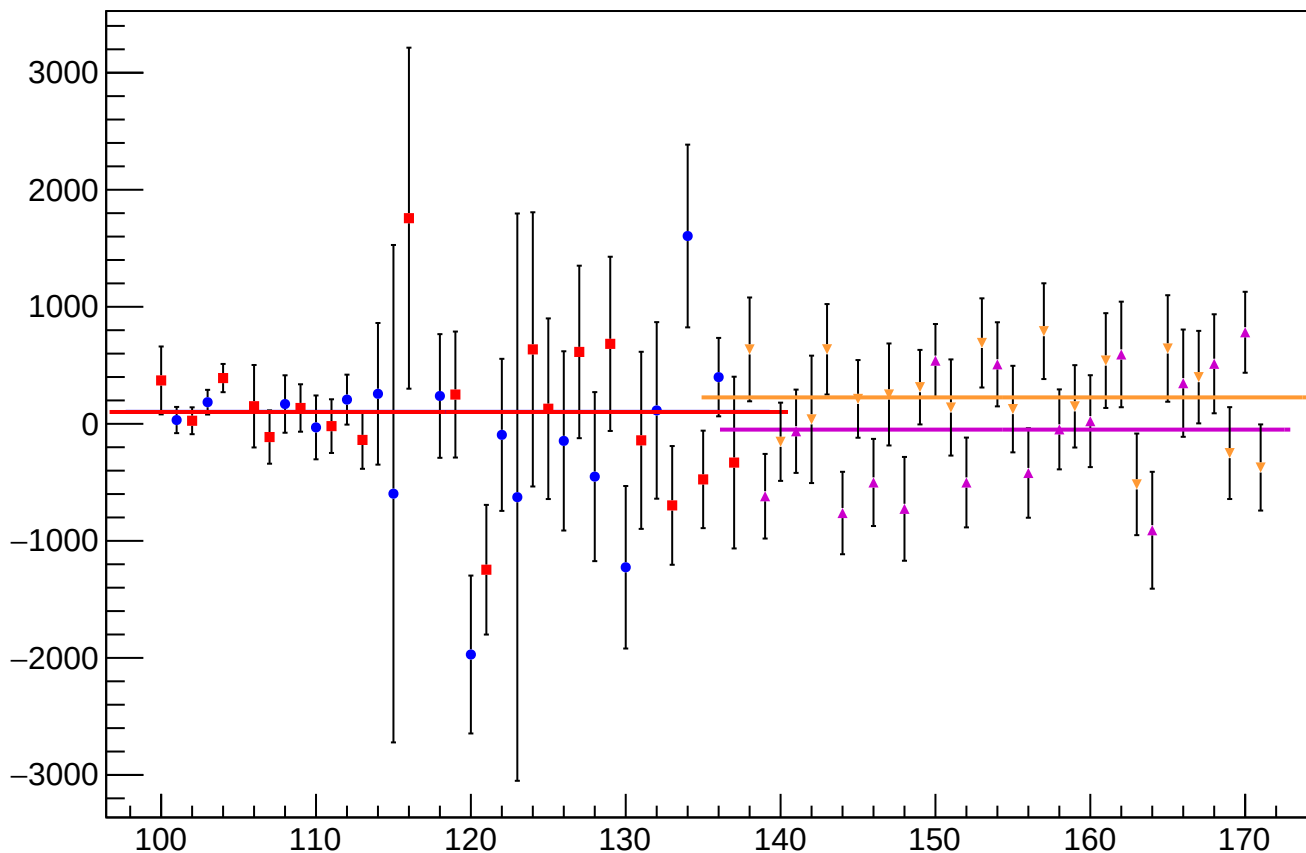
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 164.136 $\pm$ 0.033 χ^2 /NDF: 14342158.2/32

Out: 180.893 $\pm$ 0.034 χ^2 /NDF: 13104122.4/36

All: 172.343 $\pm$ 0.024 χ^2 /NDF: 27569084.5/69

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 225.961 $\pm$ 91.672 χ^2 /NDF:15.7/17

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -49.389 $\pm$ 95.269 χ^2 /NDF:32.0/15

Left: 93.584 $\pm$ 66.057 χ^2 /NDF: 52.0/33

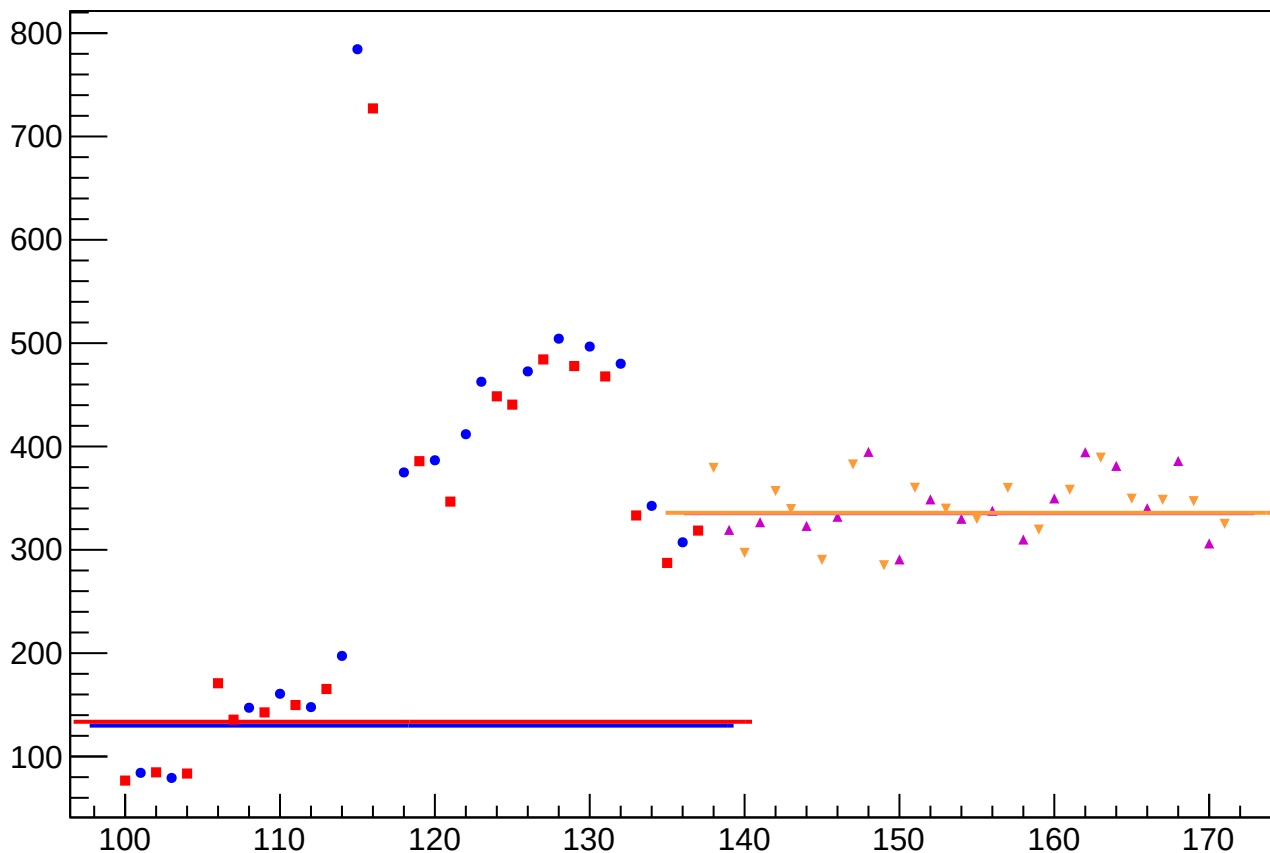
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 55.964 $\pm$ 52.623 χ^2 /NDF:54.0/32

Out: 139.388 $\pm$ 50.695 χ^2 /NDF:39.7/36

All: 99.232 $\pm$ 36.510 χ^2 /NDF: 95.0/69

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 335.829+/-0.065 χ^2/NDF : 223210.1/17

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 335.477+/-0.067 χ^2/NDF : 195310.2/15

Left: 335.660+/-0.047 χ^2/NDF : 418534.4/33

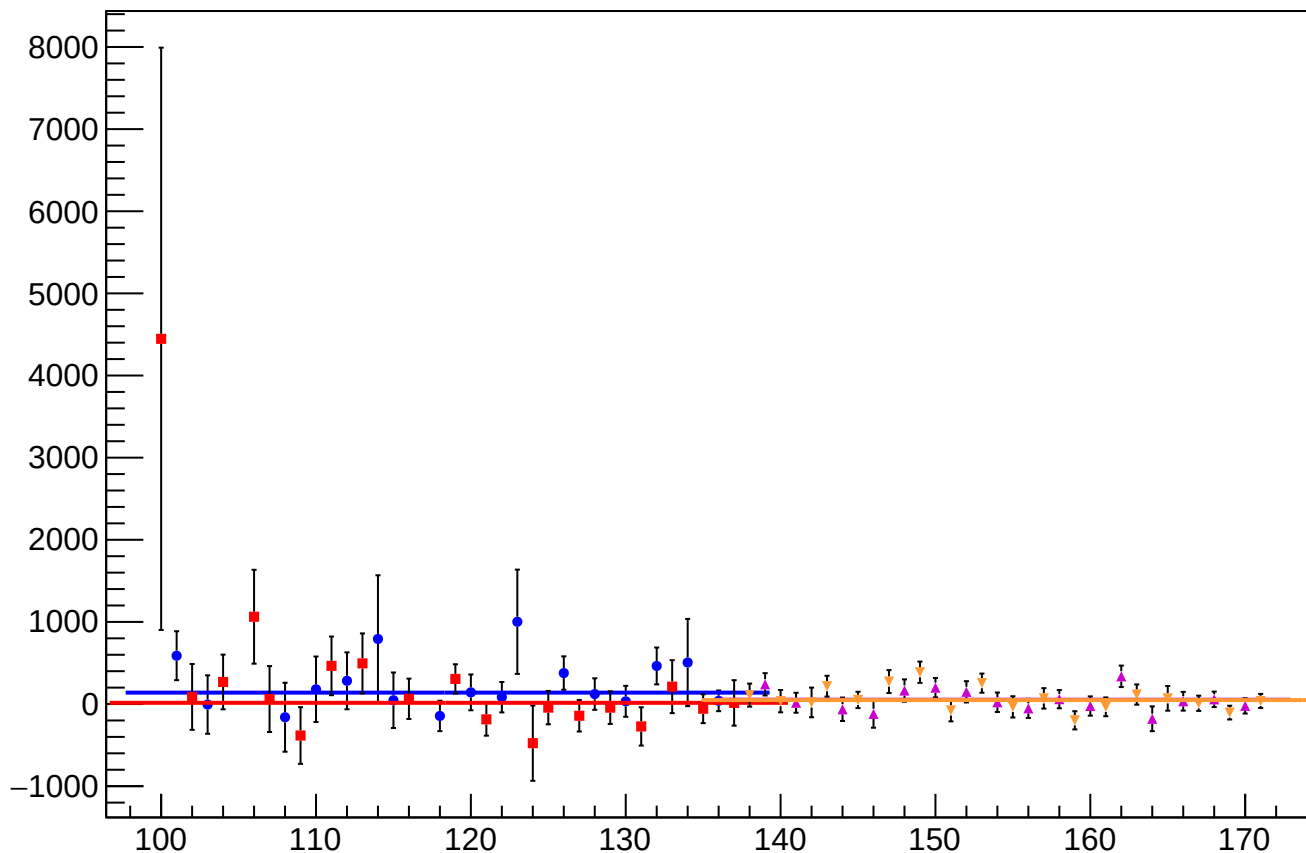
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 192.611+/-0.037 χ^2/NDF : 11497126.1/32

Out: 195.448+/-0.036 χ^2/NDF : 11342758.4/36

All: 194.083+/-0.026 χ^2/NDF : 22842899.8/69

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: 48.218 $\pm$ 27.446 χ^2 /NDF:25.2/17

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 52.914 $\pm$ 30.181 χ^2 /NDF:15.6/15

Left: 50.343 $\pm$ 20.305 χ^2 /NDF: 40.8/33

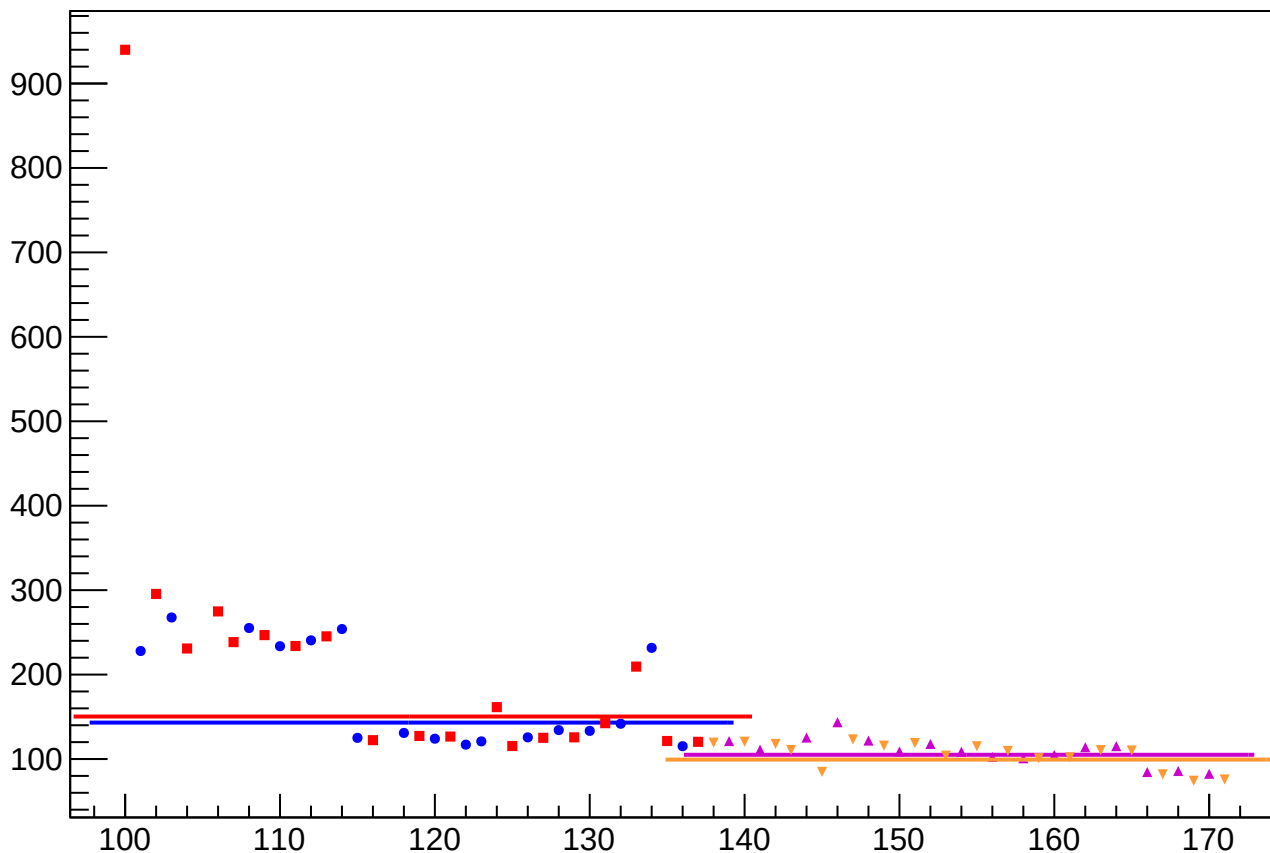
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 71.286 $\pm$ 26.771 χ^2 /NDF:30.4/32

Out: 42.474 $\pm$ 24.967 χ^2 /NDF:43.4/36

All: 55.876 $\pm$ 18.259 χ^2 /NDF: 74.5/69

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: 99.330 $\pm$ 0.019 χ^2 /NDF: 779180.8/17

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 105.025 $\pm$ 0.021 χ^2 /NDF: 518219.0/15

Left: 101.908 $\pm$ 0.014 χ^2 /NDF: 1336382.3/33

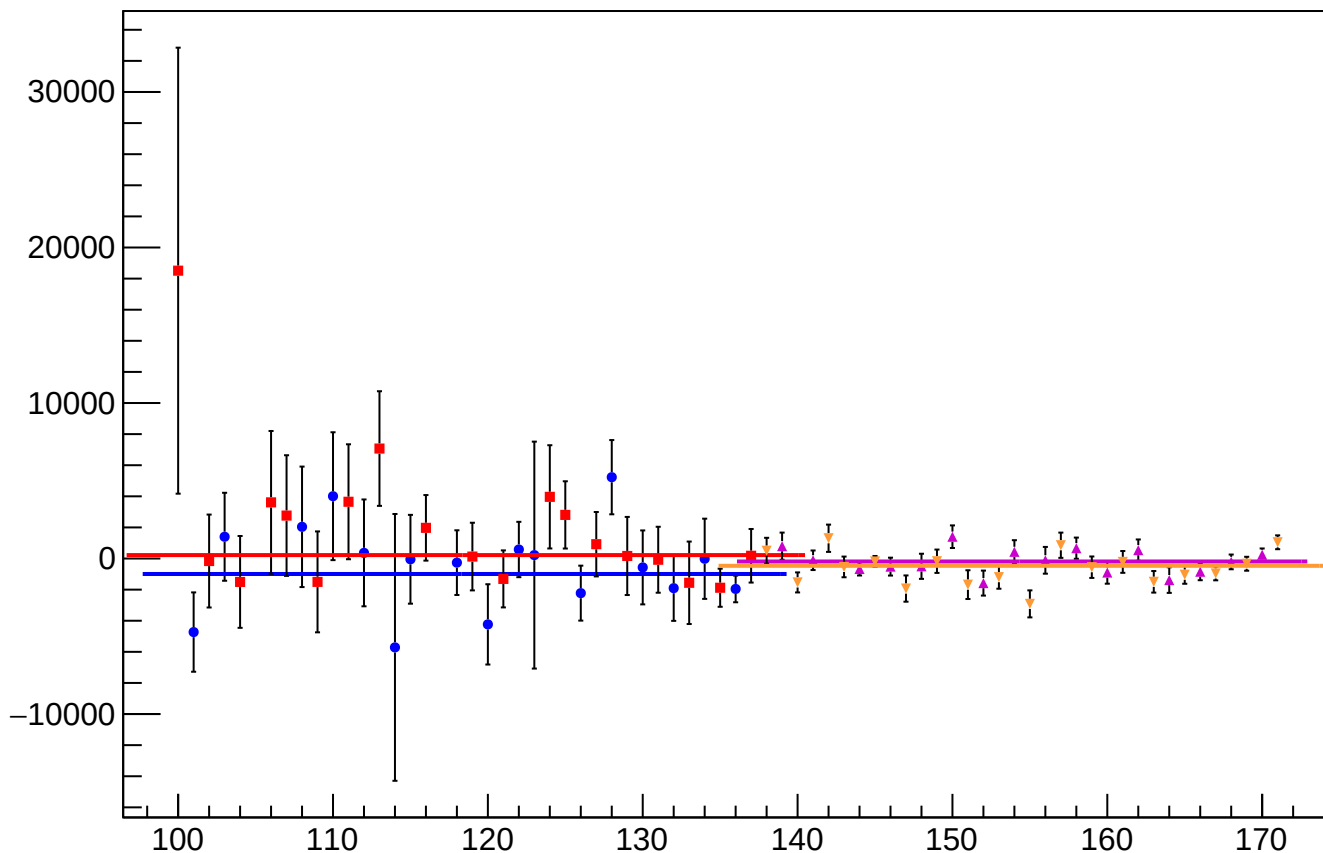
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 113.151 $\pm$ 0.019 χ^2 /NDF: 2299474.2/32

Out: 108.127 $\pm$ 0.018 χ^2 /NDF: 3402589.0/36

All: 110.464 $\pm$ 0.013 χ^2 /NDF: 5739729.8/69

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -468.279+/-143.302 χ^2/NDF :41.4/17

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -189.516+/-153.702 χ^2/NDF :20.0/15

Left: -338.647+/-104.814 χ^2/NDF : 63.2/33

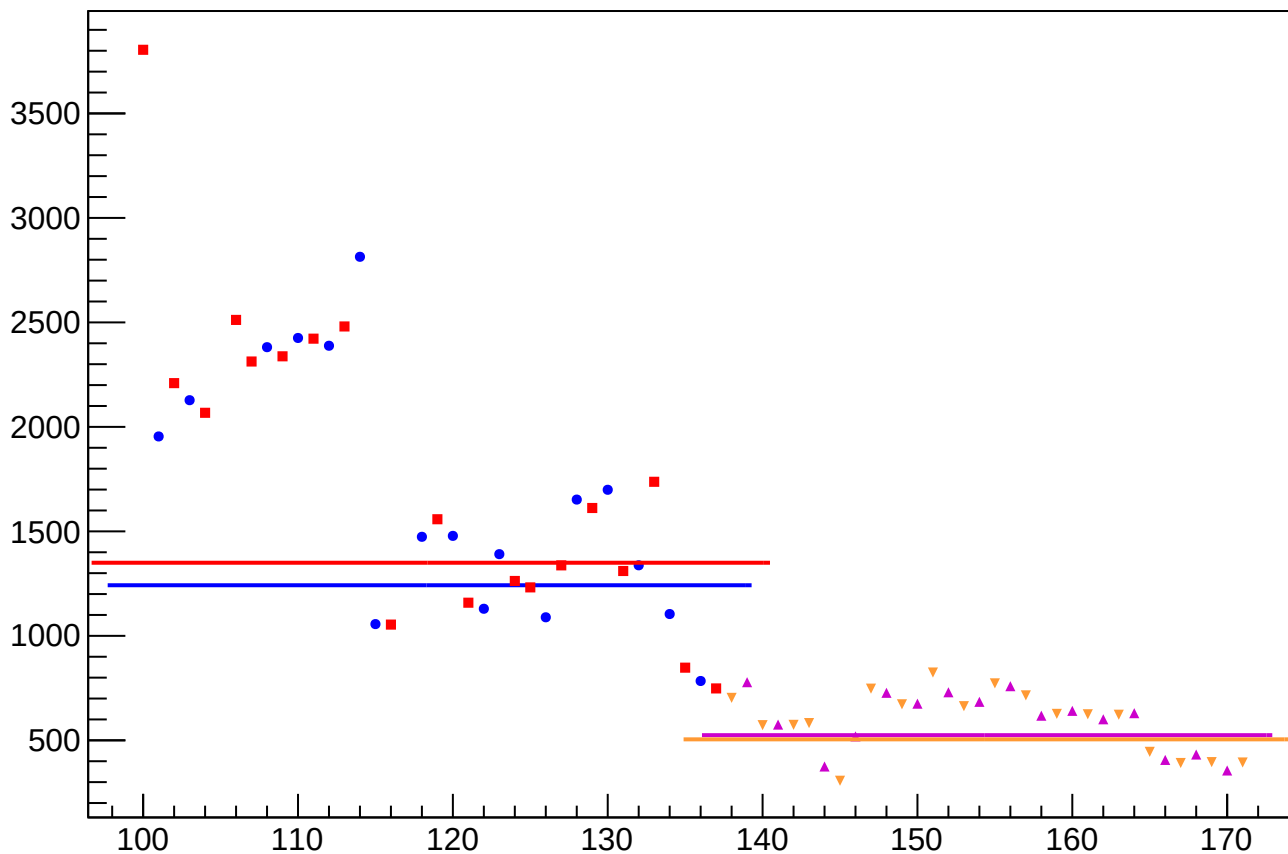
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -254.953+/-147.317 χ^2/NDF :39.2/32

Out: -423.442+/-138.565 χ^2/NDF :58.1/36

All: -344.351+/-100.932 χ^2/NDF : 97.9/69

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: 504.682 $\pm$ 0.101 χ^2 /NDF: 2297073.4/17

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 524.708 $\pm$ 0.109 χ^2 /NDF: 1689902.7/15

Left: 513.995 $\pm$ 0.074 χ^2 /NDF: 4005139.9/33

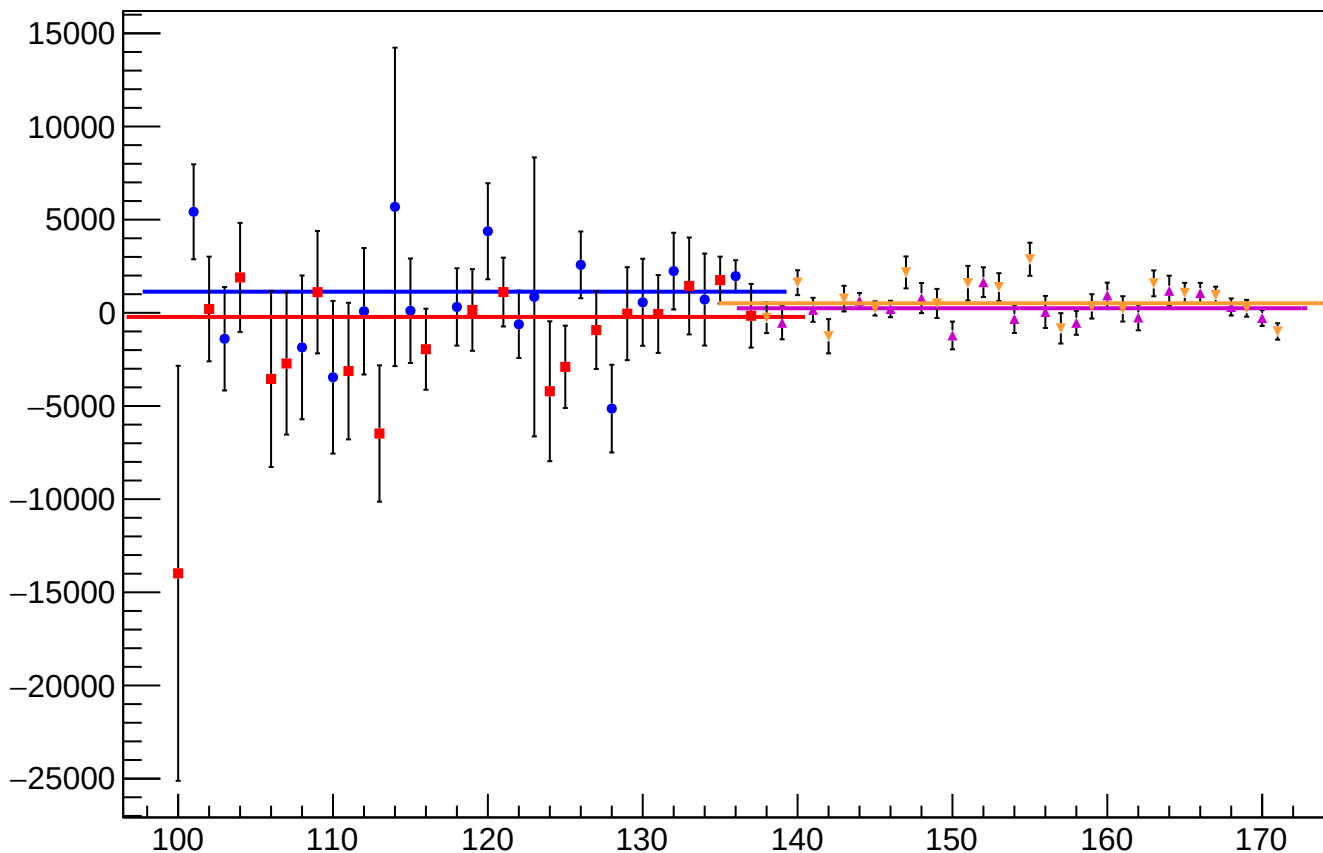
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 583.083 $\pm$ 0.104 χ^2 /NDF: 7002974.2/32

Out: 559.632 $\pm$ 0.098 χ^2 /NDF: 8688201.5/36

All: 570.640 $\pm$ 0.071 χ^2 /NDF: 15718065.0/69

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 514.054 $\pm$ 144.783 χ^2 /NDF:41.1/17

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 245.662 $\pm$ 150.405 χ^2 /NDF:17.8/15

Left: 384.967 $\pm$ 104.308 χ^2 /NDF: 60.5/33

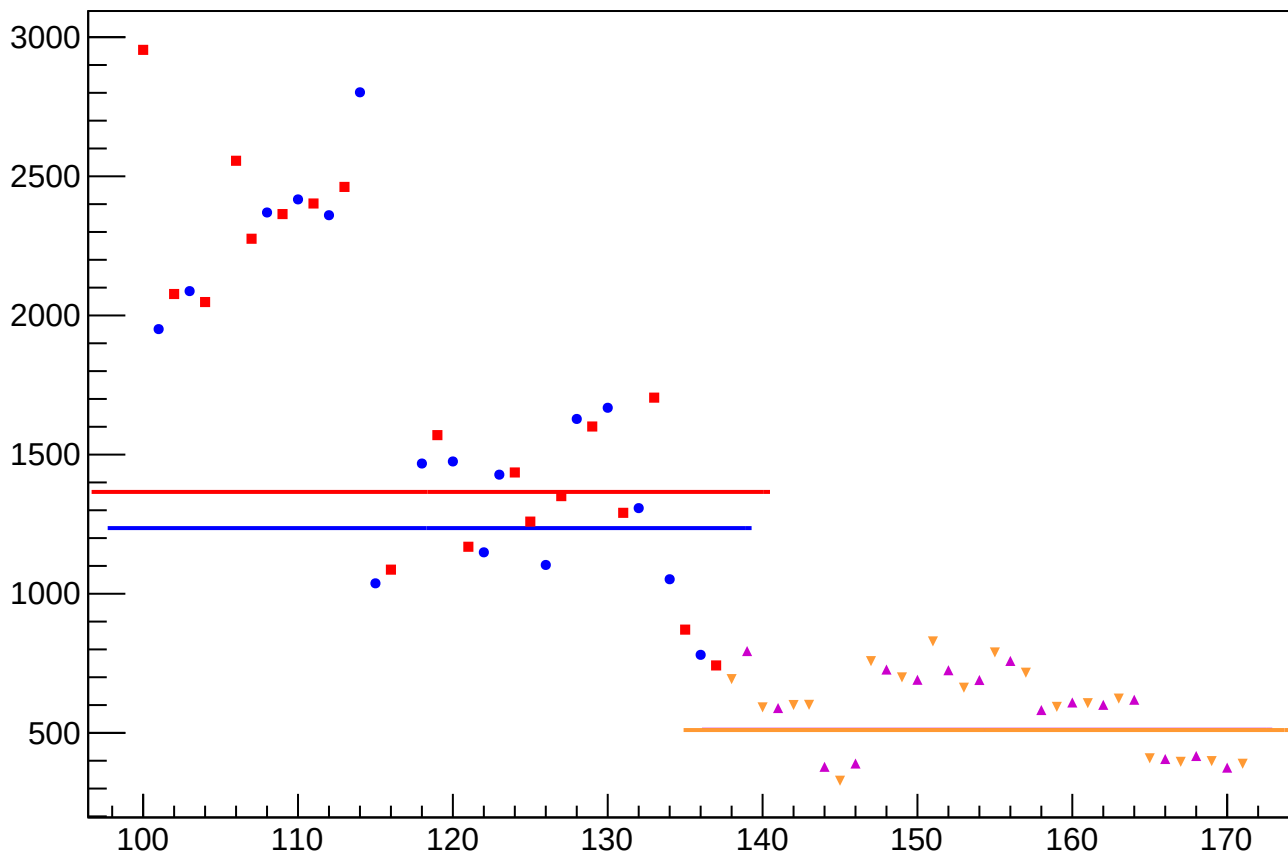
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 315.881 $\pm$ 144.347 χ^2 /NDF:38.3/32

Out: 466.025 $\pm$ 139.972 χ^2 /NDF:56.3/36

All: 393.262 $\pm$ 100.486 χ^2 /NDF: 95.2/69

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 510.242+/-0.102 χ^2/NDF : 2167619.1/17

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 511.350+/-0.106 χ^2/NDF : 1757163.5/15

Left: 510.775+/-0.074 χ^2/NDF : 3924838.9/33

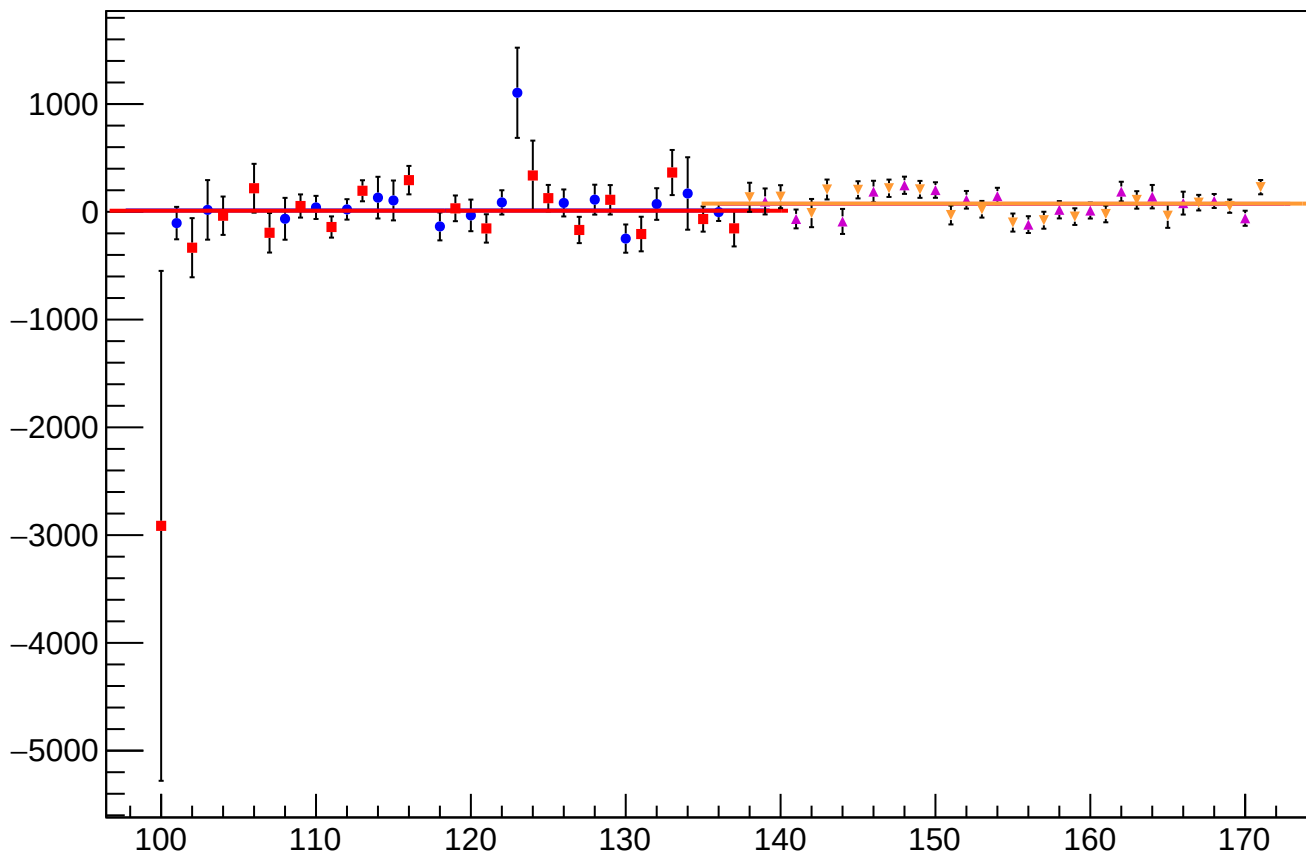
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 568.547+/-0.102 χ^2/NDF : 7166952.9/32

Out: 566.166+/-0.099 χ^2/NDF : 8483351.6/36

All: 567.320+/-0.071 χ^2/NDF : 15650585.0/69

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 76.208 $\pm$ 19.468 χ^2 /NDF:32.3/17

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 73.681 $\pm$ 20.963 χ^2 /NDF:27.8/15

Left: 75.038 $\pm$ 14.265 χ^2 /NDF: 60.1/33

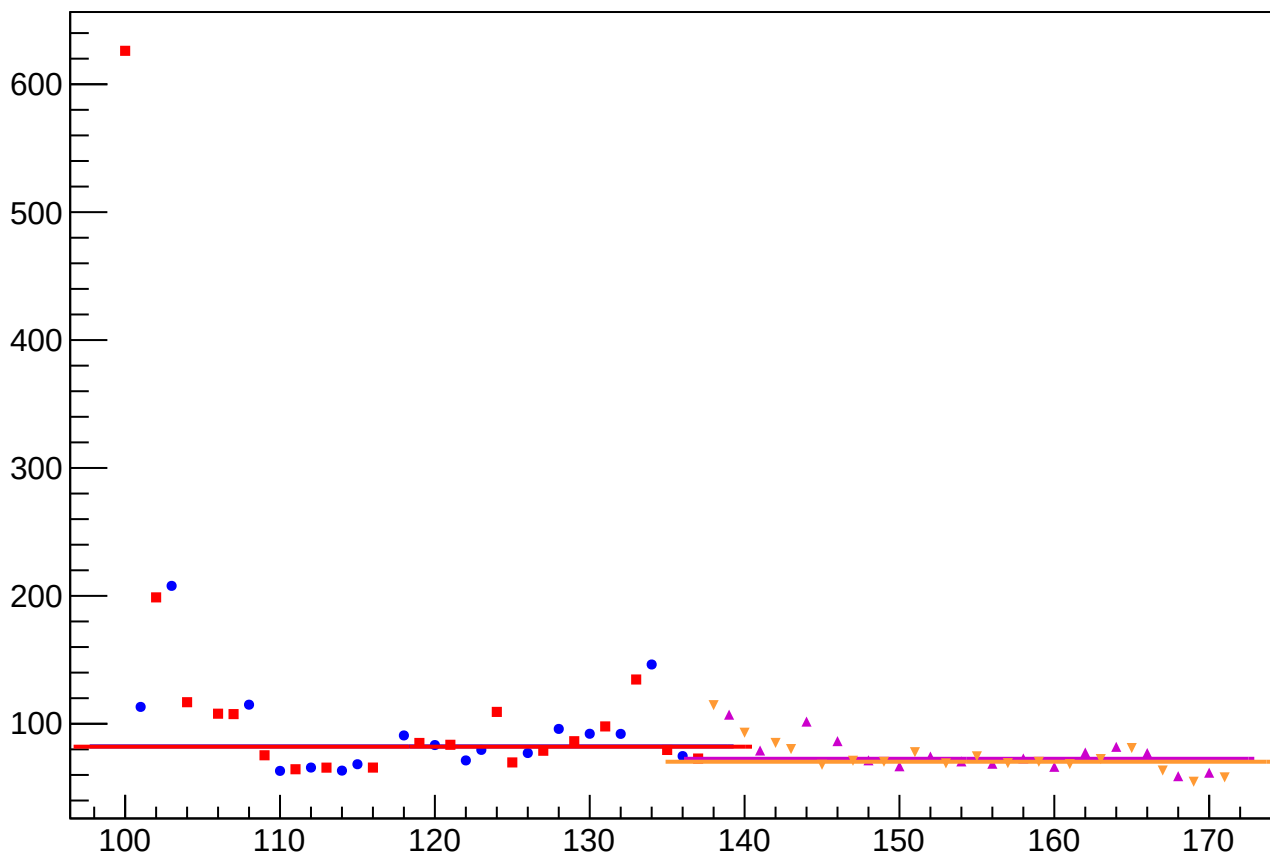
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 56.208 $\pm$ 17.729 χ^2 /NDF:45.6/32

Out: 58.816 $\pm$ 16.715 χ^2 /NDF:63.6/36

All: 57.589 $\pm$ 12.162 χ^2 /NDF: 109.2/69

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: 70.326 $\pm$ 0.014 χ^2 /NDF: 610647.8/17

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 72.628 $\pm$ 0.015 χ^2 /NDF: 533151.0/15

Left: 71.392 $\pm$ 0.010 χ^2 /NDF: 1156751.5/33

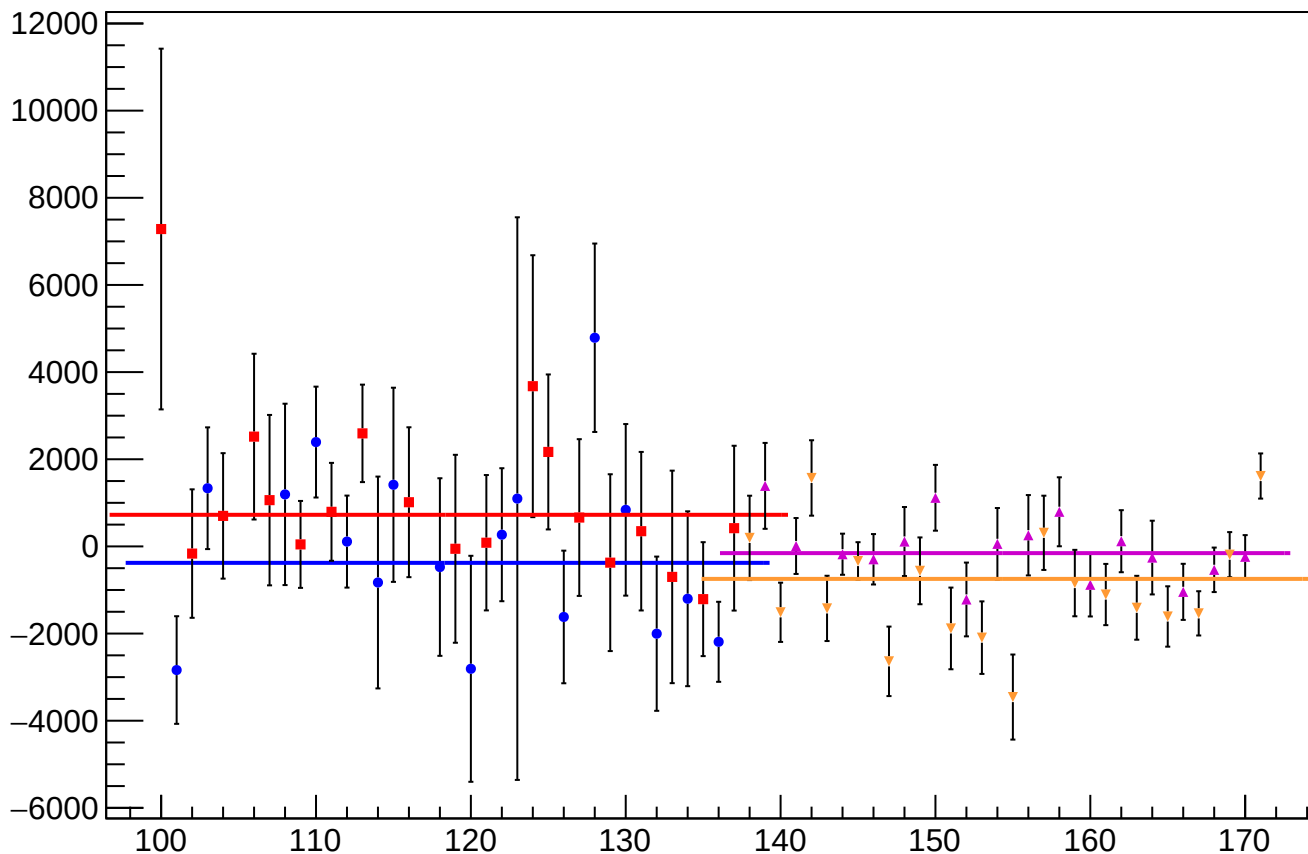
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 75.383 $\pm$ 0.013 χ^2 /NDF: 1523258.1/32

Out: 73.418 $\pm$ 0.012 χ^2 /NDF: 1761648.4/36

All: 74.343 $\pm$ 0.009 χ^2 /NDF: 3297918.0/69

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -745.502+/-160.129 χ^2/NDF :57.1/17

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: -154.167+/-167.845 χ^2/NDF :12.5/15

Left: -463.740+/-115.860 χ^2/NDF : 76.1/33

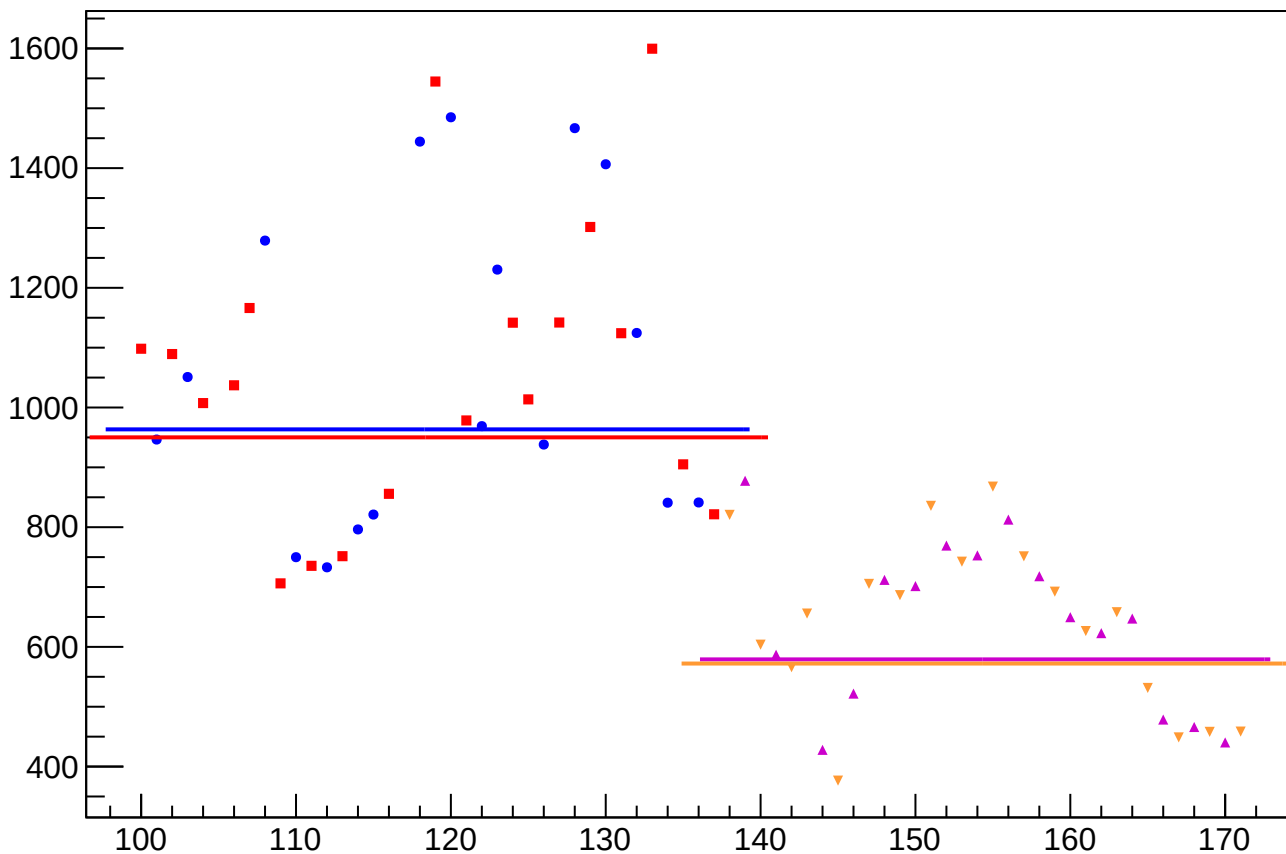
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -189.980+/-153.789 χ^2/NDF :37.2/32

Out: -510.479+/-146.778 χ^2/NDF :82.5/36

All: -357.702+/-106.180 χ^2/NDF : 122.0/69

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 572.150+/-0.113 χ^2/NDF : 1591217.5/17

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 579.101+/-0.119 χ^2/NDF : 1239746.1/15

Left: 575.462+/-0.082 χ^2/NDF : 2832759.2/33

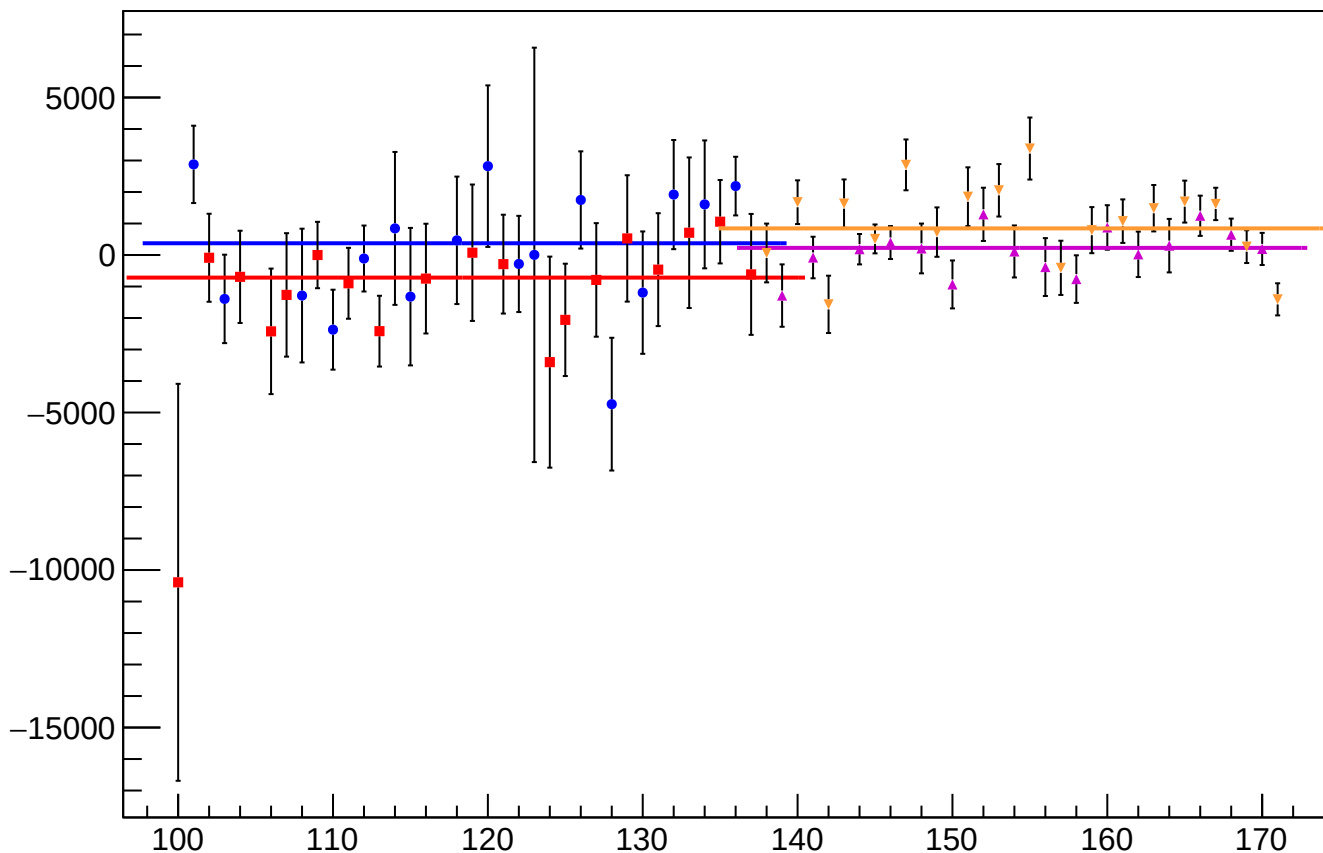
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 640.784+/-0.109 χ^2/NDF : 3611785.3/32

Out: 632.551+/-0.104 χ^2/NDF : 4103894.4/36

All: 636.475+/-0.075 χ^2/NDF : 7718679.3/69

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 845.163 $\pm$ 161.326 χ^2 /NDF:54.6/17

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: 226.356 $\pm$ 167.062 χ^2 /NDF:12.9/15

Left: 546.565 $\pm$ 116.049 χ^2 /NDF: 74.6/33

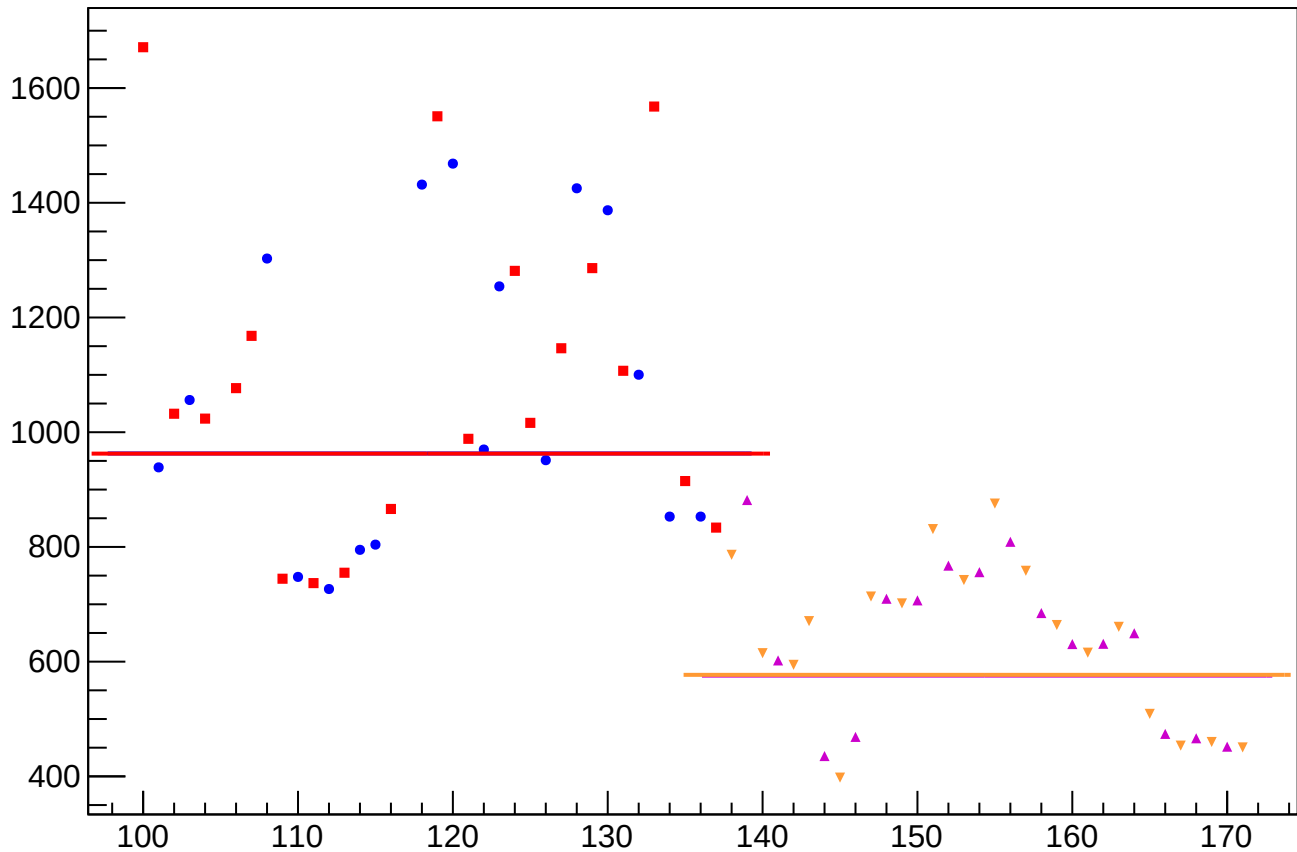
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 249.713 $\pm$ 153.170 χ^2 /NDF:38.3/32

Out: 597.550 $\pm$ 147.993 χ^2 /NDF:79.6/36

All: 429.610 $\pm$ 106.430 χ^2 /NDF: 120.6/69

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 577.006 $\pm$ 0.114 χ^2 /NDF: 1470954.6/17

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 575.637 $\pm$ 0.118 χ^2 /NDF: 1231631.9/15

Left: 576.345 $\pm$ 0.082 χ^2 /NDF: 2702656.0/33

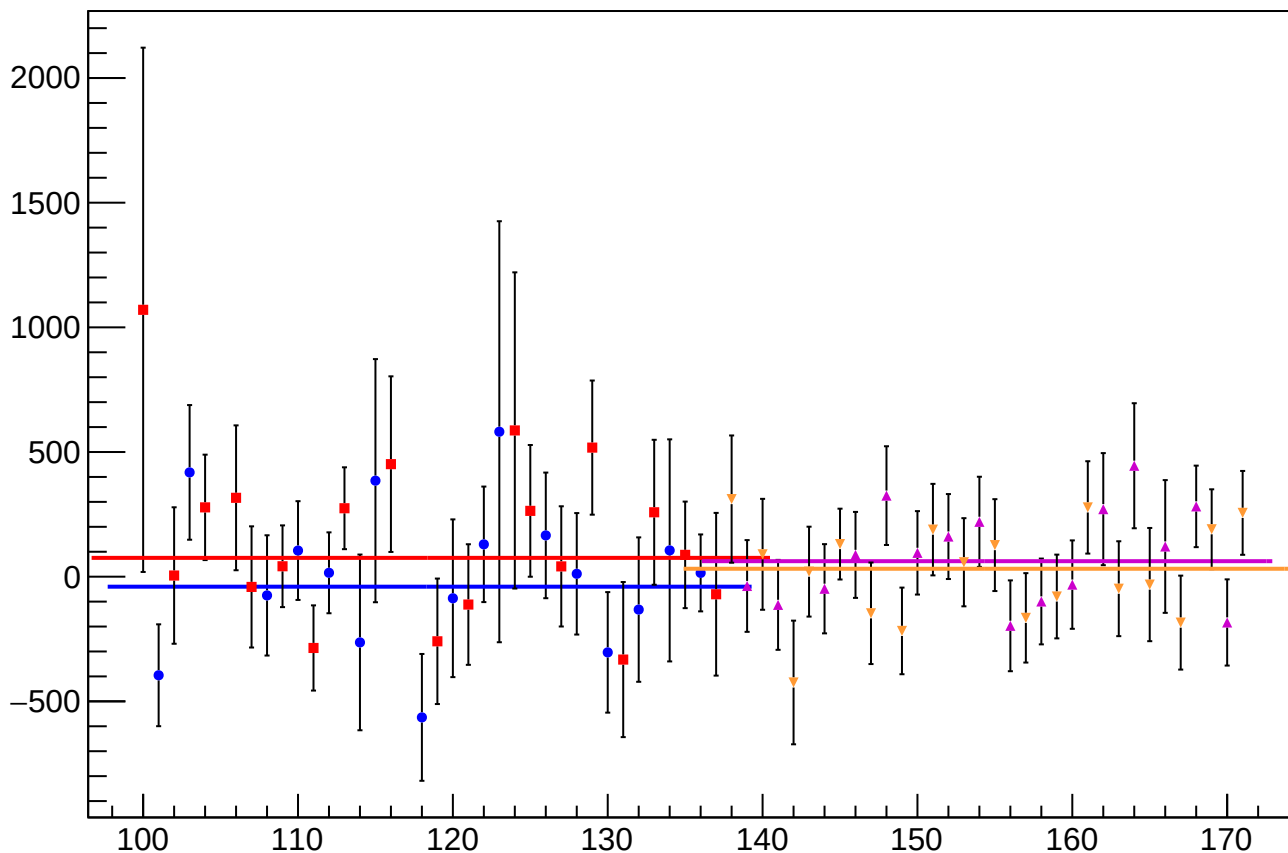
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 637.373 $\pm$ 0.108 χ^2 /NDF: 3612718.4/32

Out: 638.124 $\pm$ 0.105 χ^2 /NDF: 3978789.2/36

All: 637.761 $\pm$ 0.075 χ^2 /NDF: 7591532.4/69

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 $\pm$ 59.256 χ^2/NDF : 15.3/16

Left Out: 31.771 $\pm$ 43.611 χ^2/NDF :16.7/17

Right Out: 75.460 $\pm$ 56.233 χ^2/NDF : 18.5/18

Left In: 62.161 $\pm$ 46.234 χ^2/NDF :14.8/15

Left: 46.079 $\pm$ 31.724 χ^2/NDF : 31.7/33

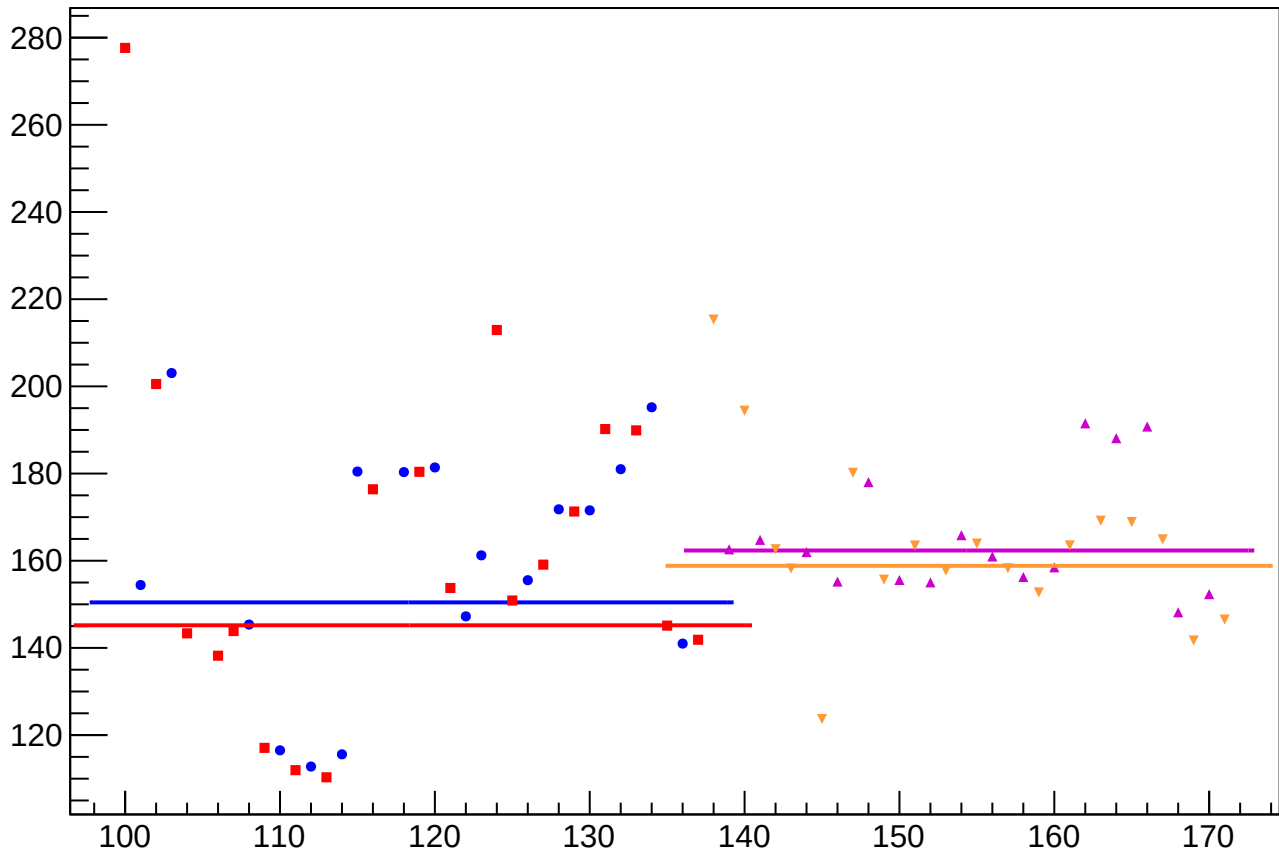
Right: 20.693 $\pm$ 40.790 χ^2/NDF : 35.8/35

In: 23.456 $\pm$ 36.451 χ^2/NDF :32.0/32

Out: 48.179 $\pm$ 34.462 χ^2/NDF :35.6/36

All: 36.511 $\pm$ 25.042 χ^2/NDF : 67.8/69

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: 158.832 $\pm$ 0.031 χ^2 /NDF: 347196.3/17

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 162.349 $\pm$ 0.033 χ^2 /NDF: 126980.2/15

Left: 160.488 $\pm$ 0.022 χ^2 /NDF: 480299.5/33

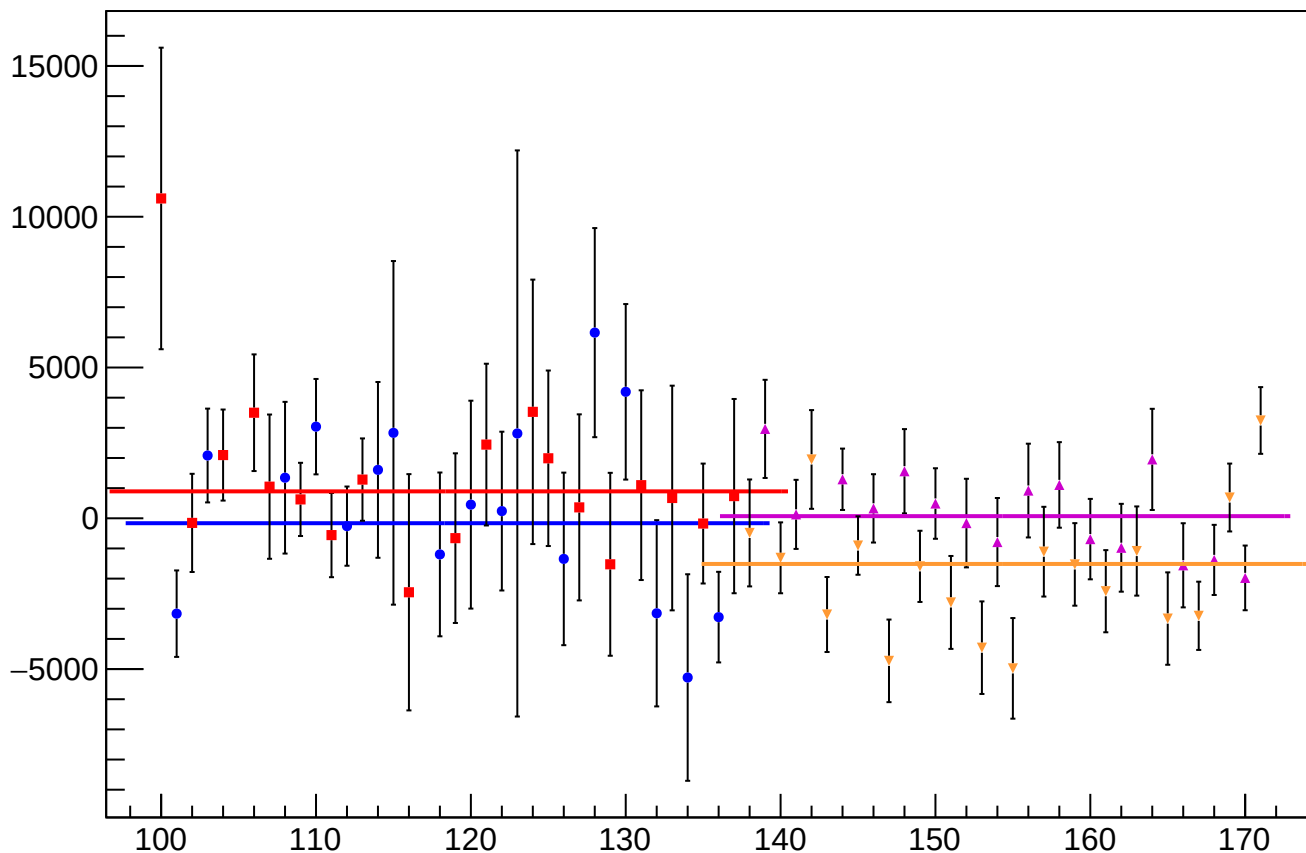
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 157.843 $\pm$ 0.026 χ^2 /NDF: 577300.6/32

Out: 153.708 $\pm$ 0.024 χ^2 /NDF: 956428.7/36

All: 155.659 $\pm$ 0.018 χ^2 /NDF: 1547323.0/69

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -1513.930 ± 310.431 $\chi^2/\text{NDF}: 47.5/17$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 71.347 ± 324.757 $\chi^2/\text{NDF}: 15.8/15$

Left: -757.030 ± 224.402 $\chi^2/\text{NDF}: 75.7/33$

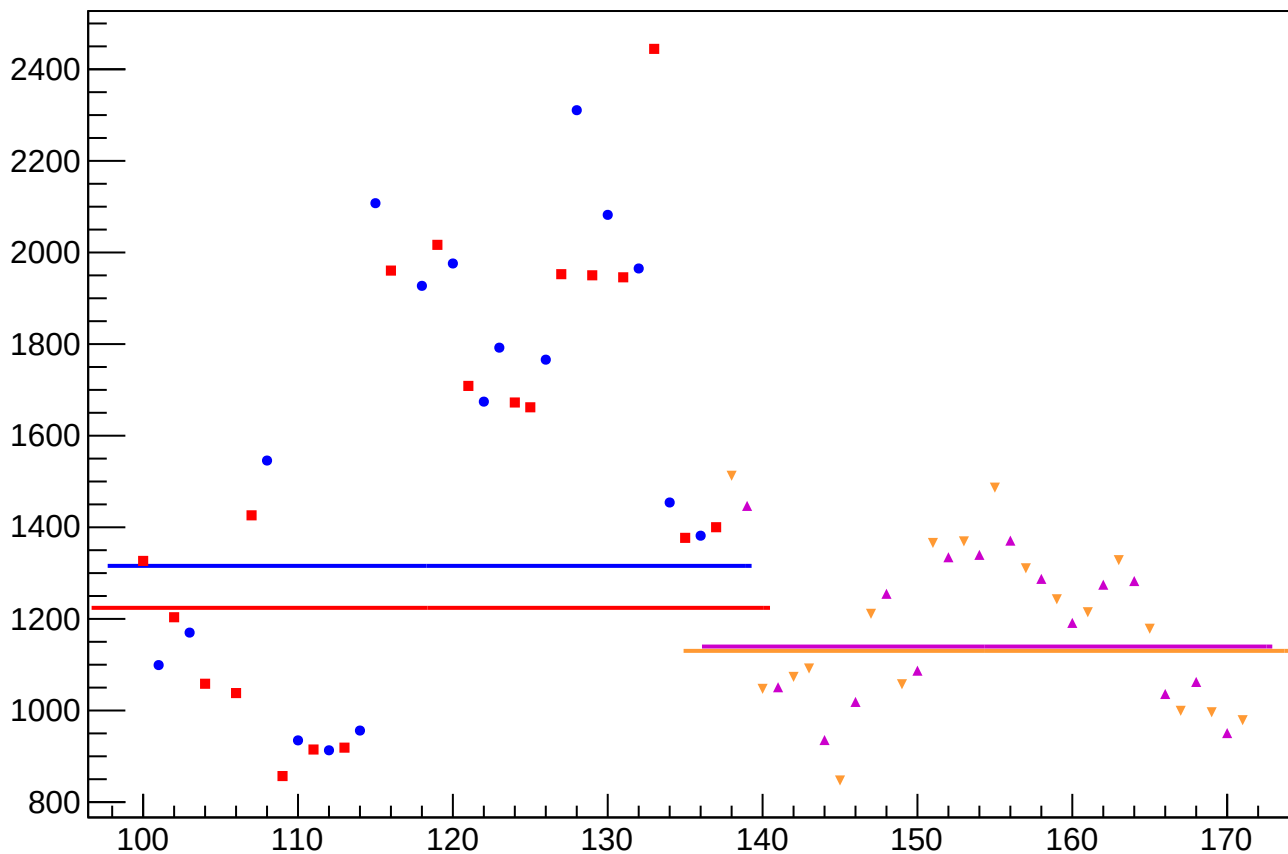
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 7.981 ± 277.356 $\chi^2/\text{NDF}: 41.0/32$

Out: -813.000 ± 261.353 $\chi^2/\text{NDF}: 75.7/36$

All: -426.876 ± 190.210 $\chi^2/\text{NDF}: 121.3/69$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1130.230 $\pm$ 0.220 χ^2 /NDF: 659878.3/17

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1139.632 $\pm$ 0.230 χ^2 /NDF: 459490.8/15

Left: 1134.719 $\pm$ 0.159 χ^2 /NDF: 1120245.1/33

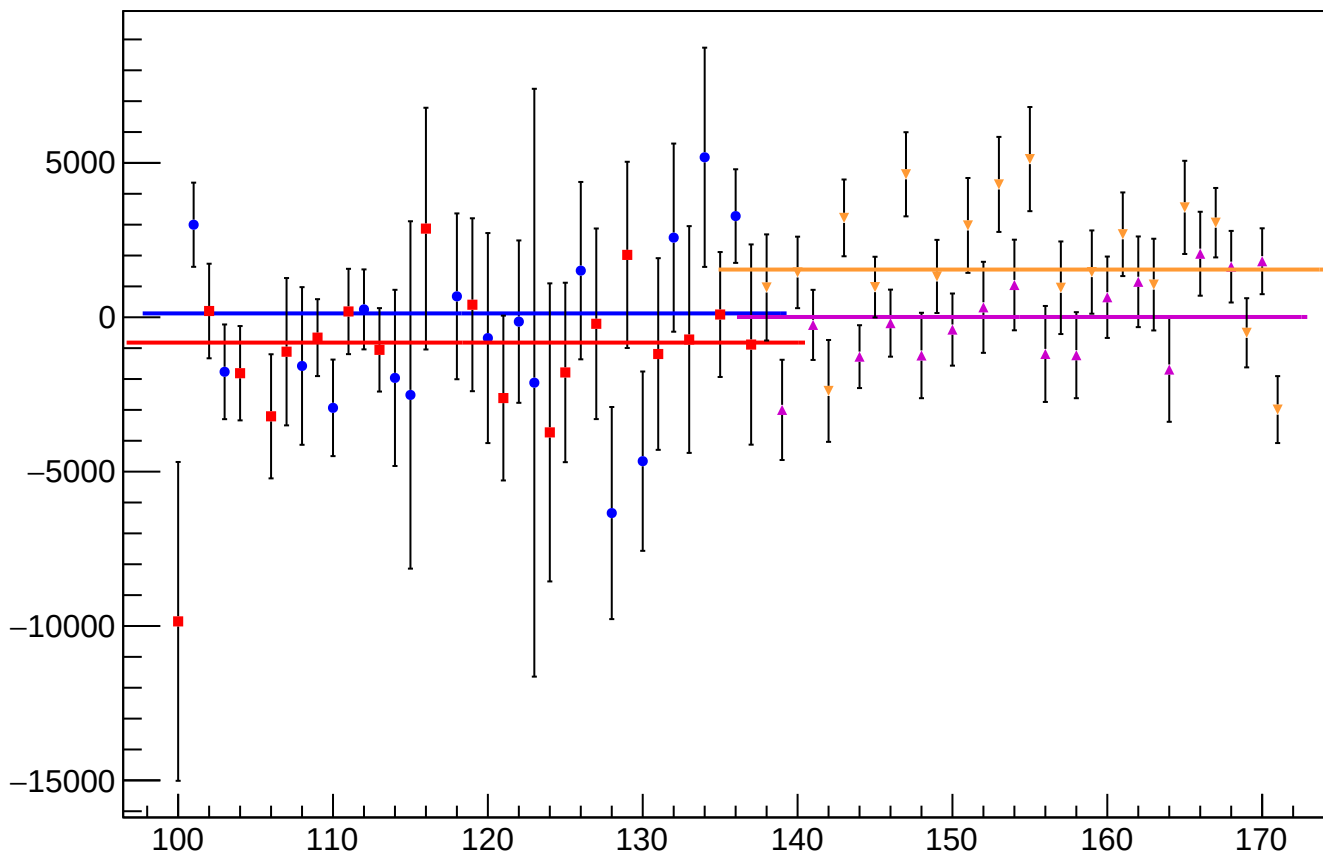
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1187.302 $\pm$ 0.196 χ^2 /NDF: 1737073.2/32

Out: 1157.579 $\pm$ 0.185 χ^2 /NDF: 2077089.3/36

All: 1171.558 $\pm$ 0.134 χ^2 /NDF: 3826328.3/69

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2/NDF : 24.7/16

Left Out: 1545.894 $\pm$ 309.304 χ^2/NDF : 47.1/17

Right Out: -820.213 $\pm$ 484.659 χ^2/NDF : 9.1/18

Left In: 9.505 $\pm$ 322.283 χ^2/NDF : 16.9/15

Left: 809.258 $\pm$ 223.159 χ^2/NDF : 75.9/33

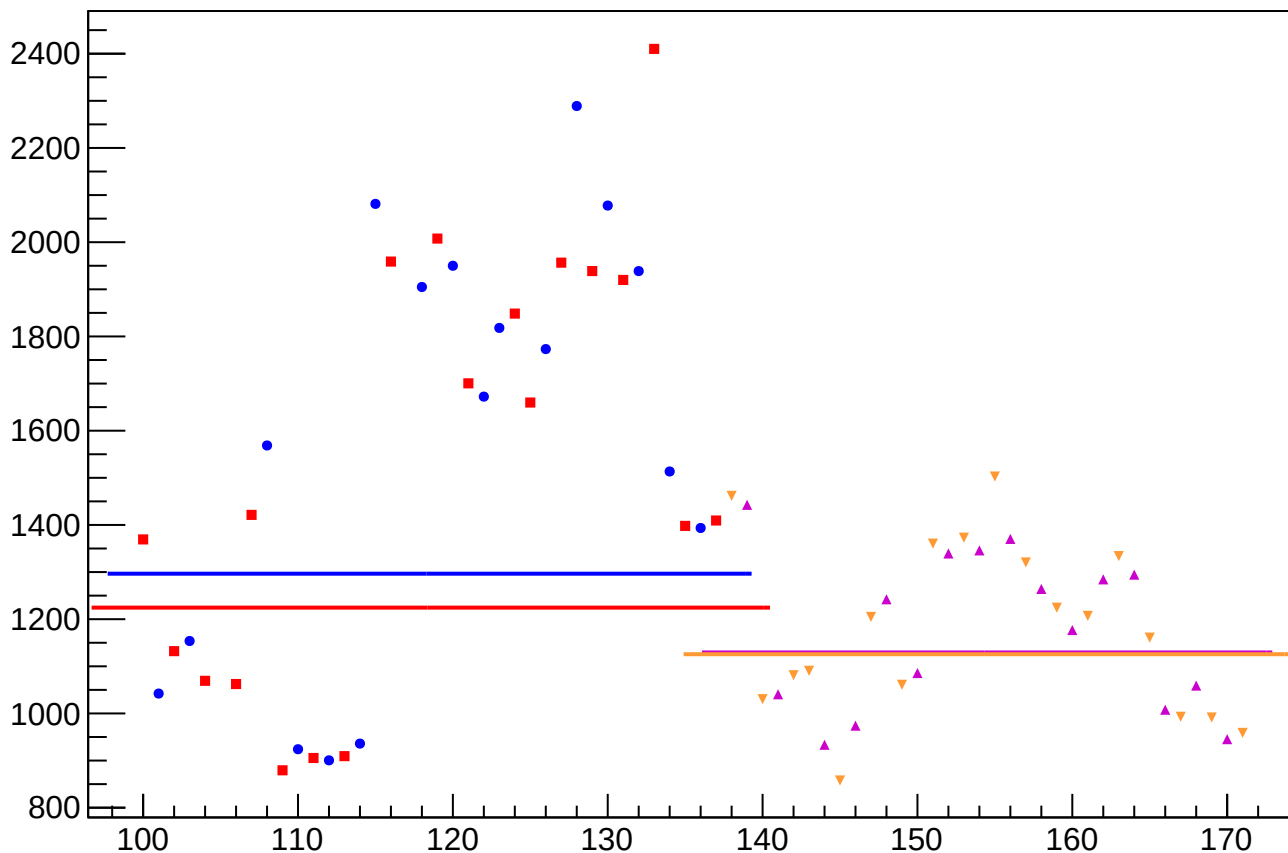
Right: -386.748 $\pm$ 356.675 χ^2/NDF : 35.5/35

In: 41.061 $\pm$ 274.917 χ^2/NDF : 41.6/32

Out: 861.113 $\pm$ 260.732 χ^2/NDF : 73.1/36

All: 472.788 $\pm$ 189.182 χ^2/NDF : 119.4/69

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1125.666 $\pm$ 0.219 χ^2 /NDF: 648777.8/17

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1129.399 $\pm$ 0.228 χ^2 /NDF: 495450.5/15

Left: 1127.456 $\pm$ 0.158 χ^2 /NDF: 1144367.9/33

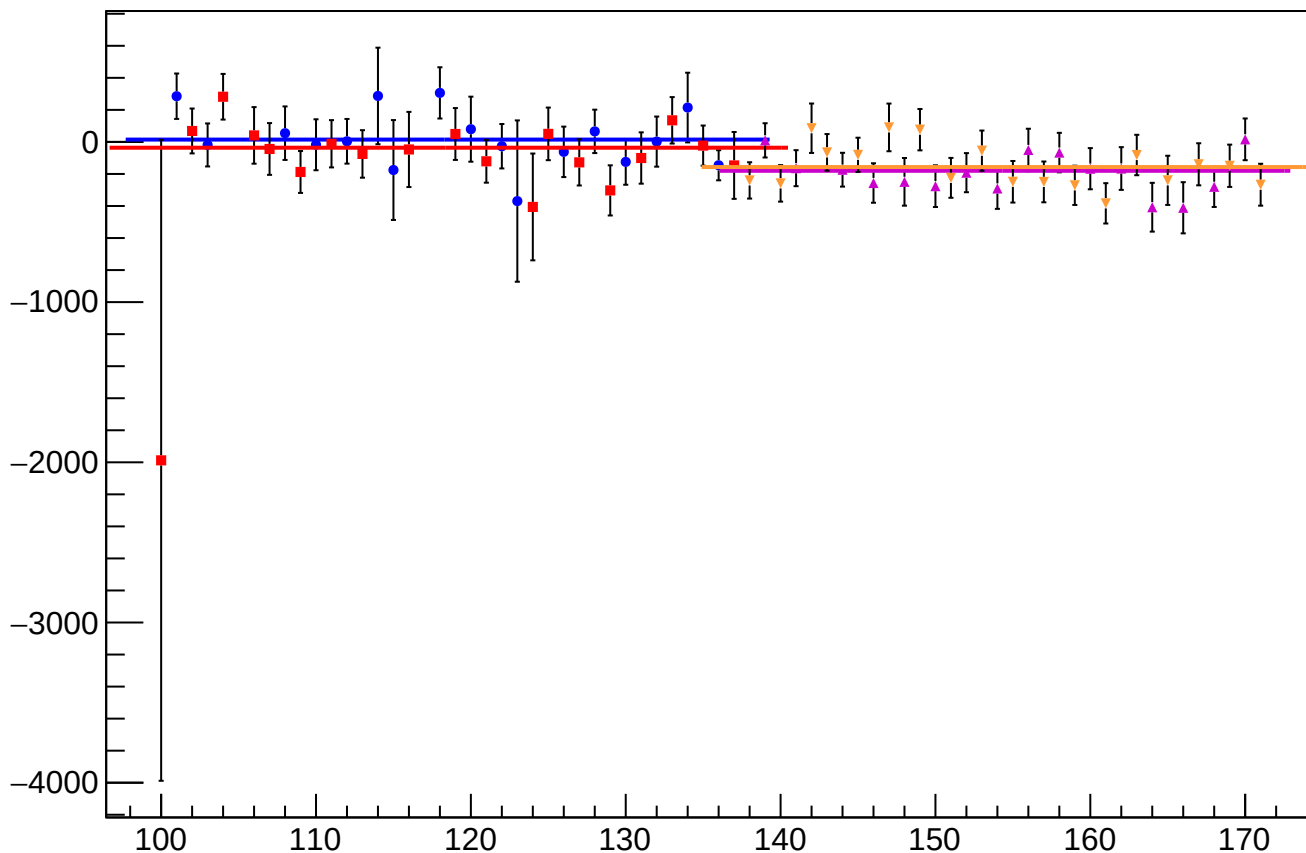
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1174.927 $\pm$ 0.194 χ^2 /NDF: 1817472.8/32

Out: 1154.288 $\pm$ 0.184 χ^2 /NDF: 2056224.5/36

All: 1164.061 $\pm$ 0.134 χ^2 /NDF: 3879631.9/69

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: -156.930 ± 29.833 $\chi^2/\text{NDF}: 18.5/17$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -180.209 ± 31.638 $\chi^2/\text{NDF}: 14.1/15$

Left: -167.887 ± 21.705 $\chi^2/\text{NDF}: 32.9/33$

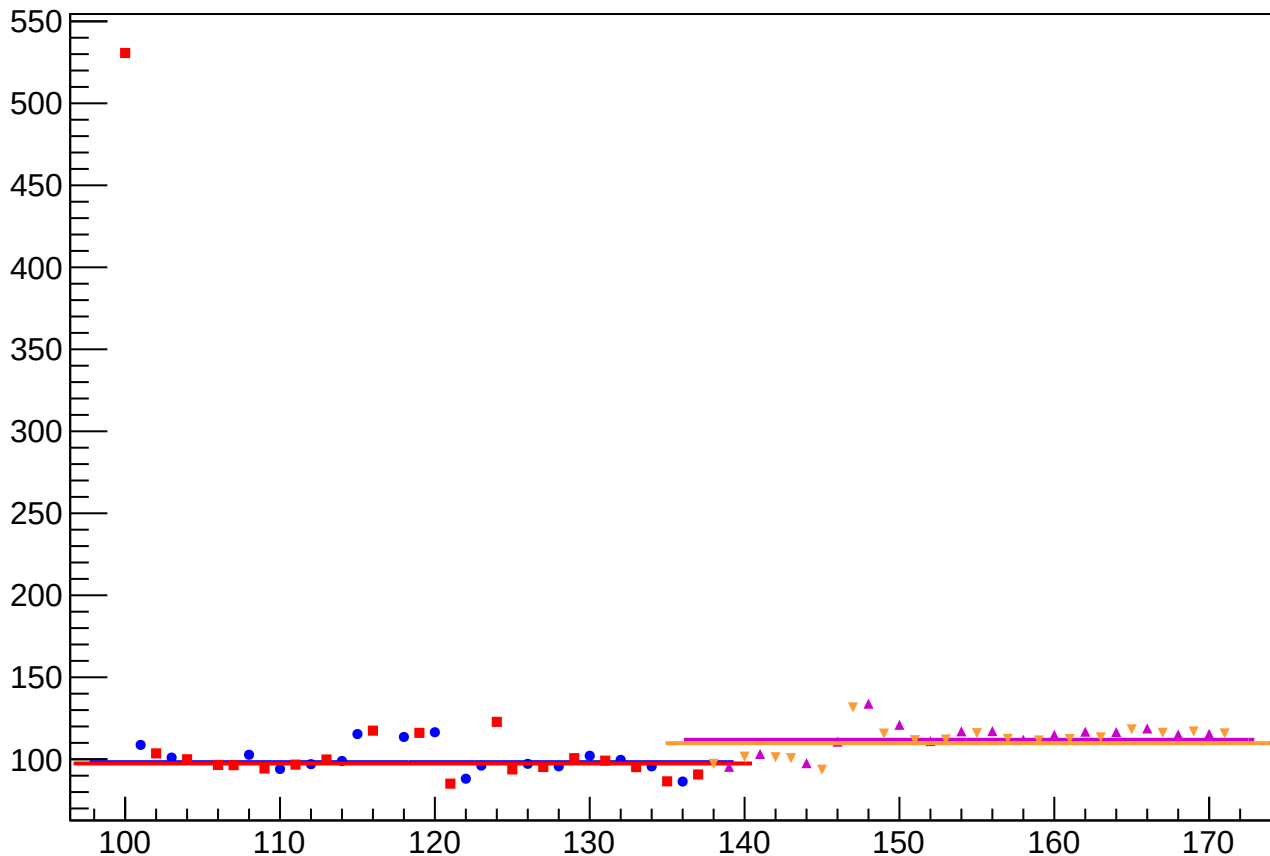
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -100.505 ± 24.318 $\chi^2/\text{NDF}: 43.8/32$

Out: -108.902 ± 23.155 $\chi^2/\text{NDF}: 40.4/36$

All: -104.909 ± 16.769 $\chi^2/\text{NDF}: 84.3/69$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 109.818+/-0.021 χ^2/NDF : 176651.0/17

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 111.862+/-0.022 χ^2/NDF : 168518.3/15

Left: 110.780+/-0.015 χ^2/NDF : 349589.8/33

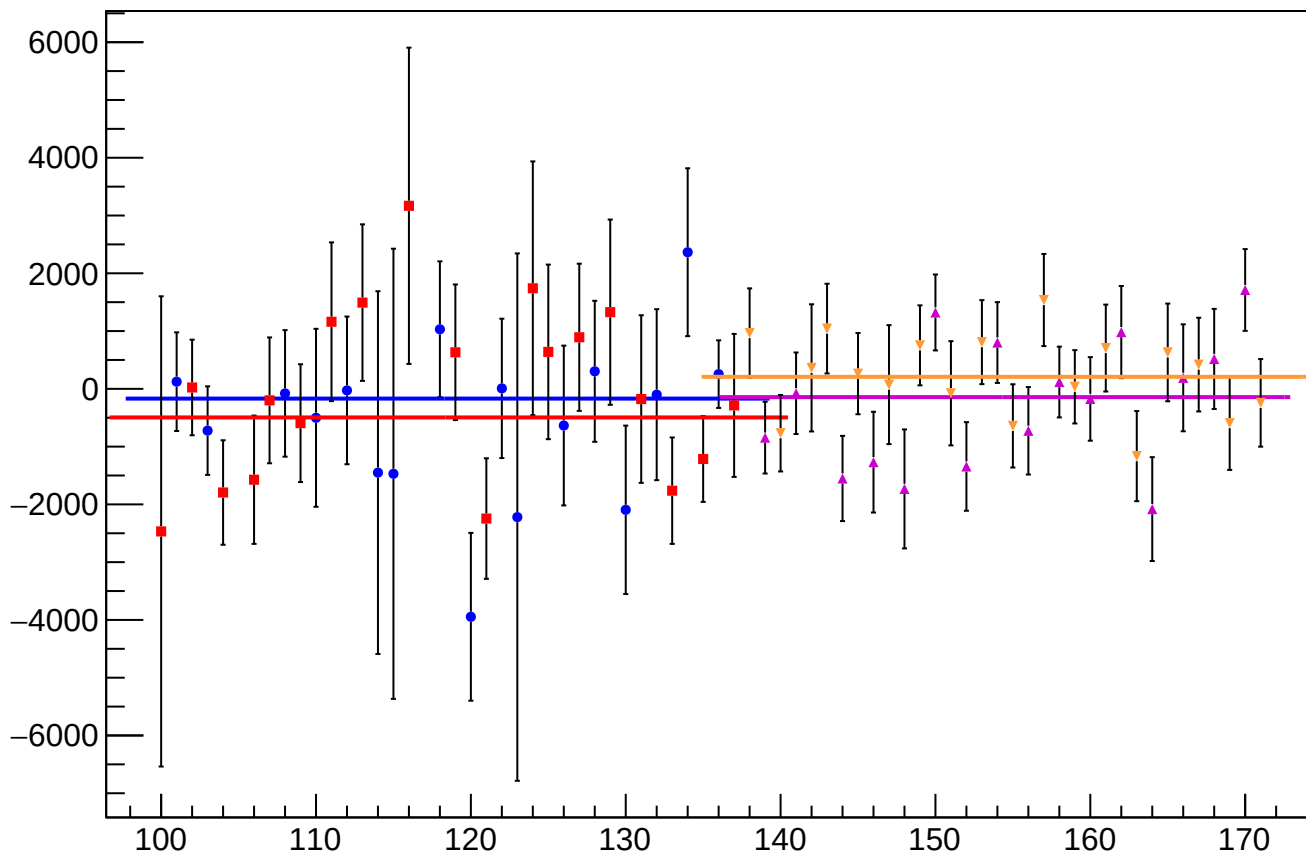
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 106.280+/-0.017 χ^2/NDF : 421210.9/32

Out: 104.895+/-0.016 χ^2/NDF : 503684.7/36

All: 105.553+/-0.012 χ^2/NDF : 928295.7/69

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 208.250 $\pm$ 182.013 χ^2 /NDF:15.2/17

Right Out: -494.868 $\pm$ 267.430 χ^2 /NDF: 19.8/18

Left In: -143.444 $\pm$ 187.685 χ^2 /NDF:33.2/15

Left: 37.797 $\pm$ 130.662 χ^2 /NDF: 50.2/33

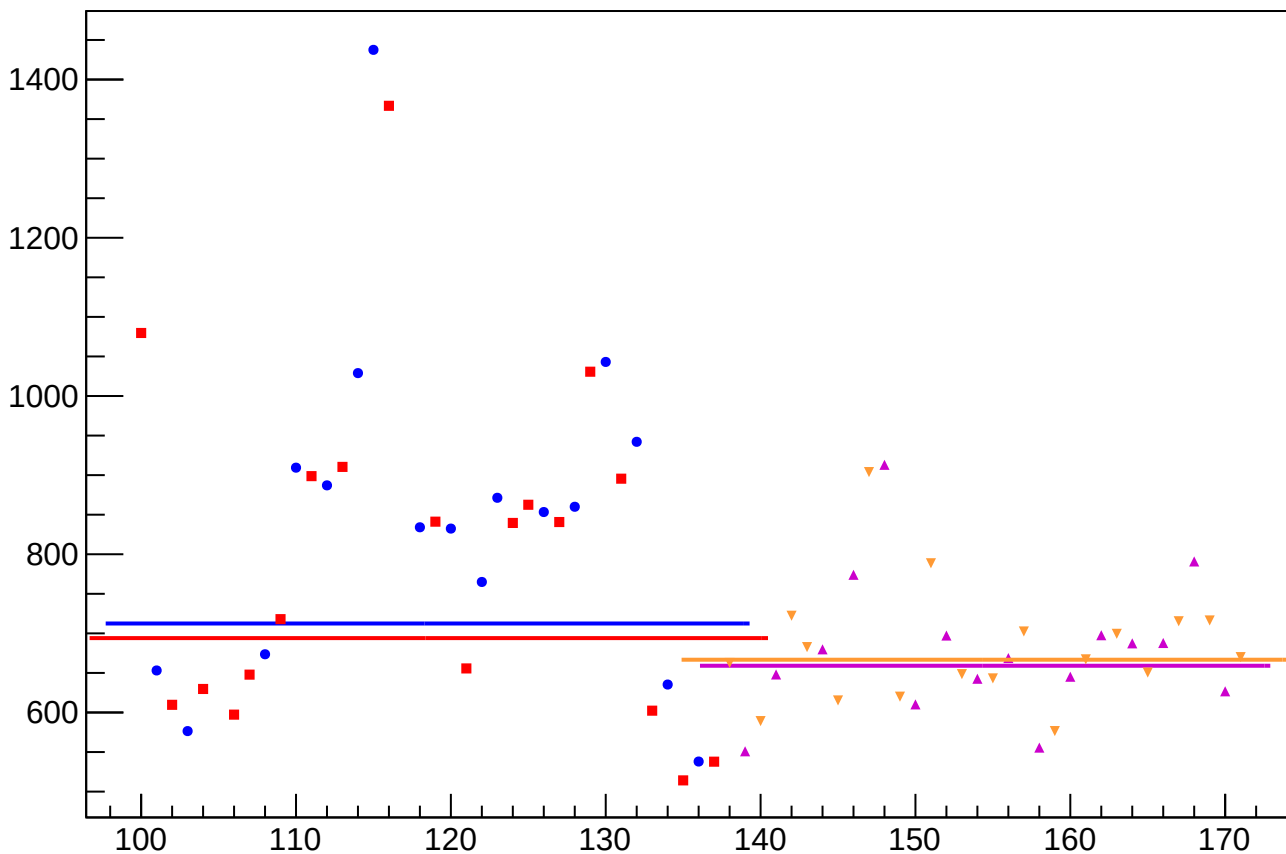
Right: -340.578 $\pm$ 194.106 χ^2 /NDF: 35.1/35

In: -151.222 $\pm$ 156.274 χ^2 /NDF:47.8/32

Out: -14.340 $\pm$ 150.470 χ^2 /NDF:39.7/36

All: -80.192 $\pm$ 108.392 χ^2 /NDF: 87.9/69

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 666.698+/-0.129 χ^2/NDF : 262706.8/17

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 659.079+/-0.133 χ^2/NDF : 353483.7/15

Left: 663.005+/-0.092 χ^2/NDF : 617889.0/33

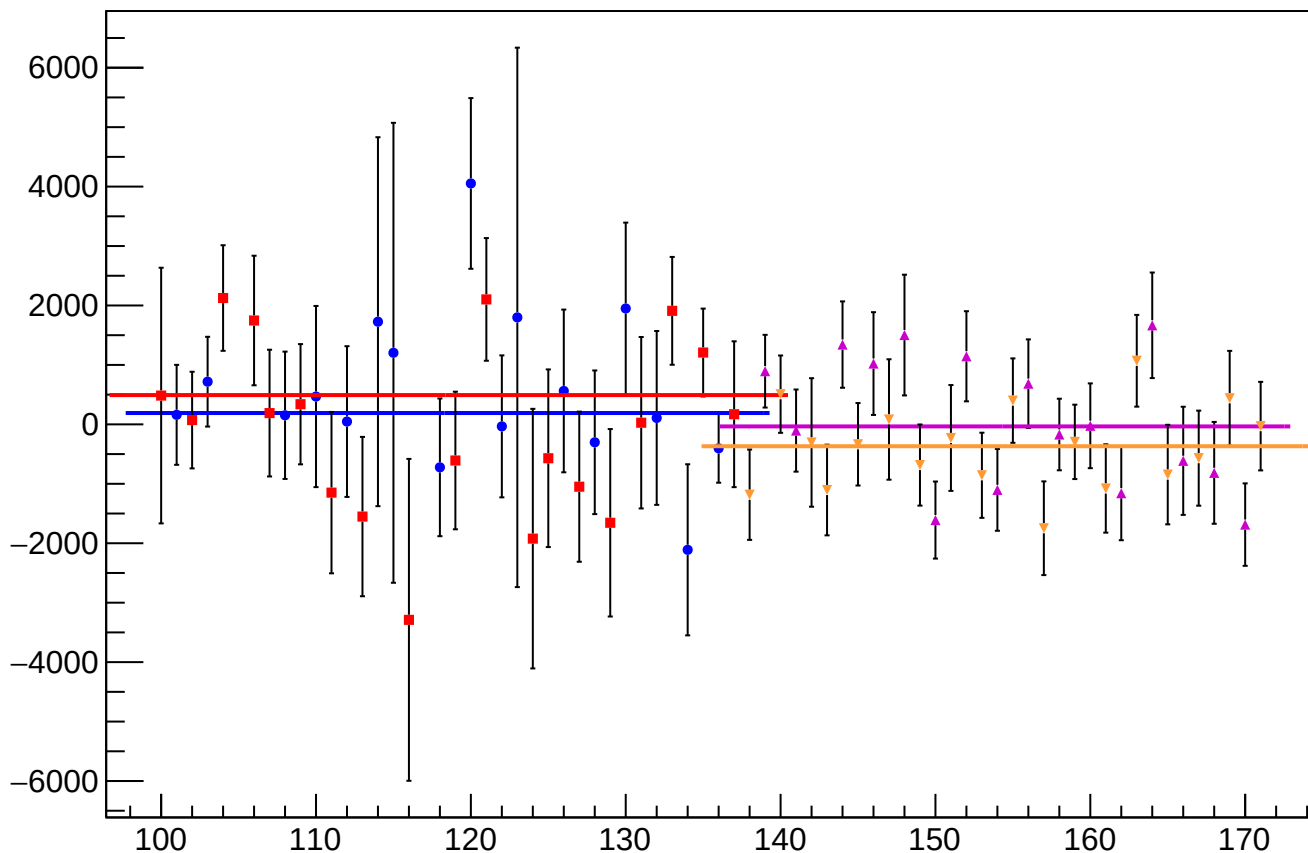
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 675.456+/-0.111 χ^2/NDF : 1063656.2/32

Out: 675.346+/-0.106 χ^2/NDF : 951957.3/36

All: 675.399+/-0.077 χ^2/NDF : 2015614.0/69

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -367.894 $\pm$ 179.360 χ^2 /NDF:15.1/17

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: -34.506 $\pm$ 184.916 χ^2 /NDF:34.0/15

Left: -206.283 $\pm$ 128.746 χ^2 /NDF: 50.7/33

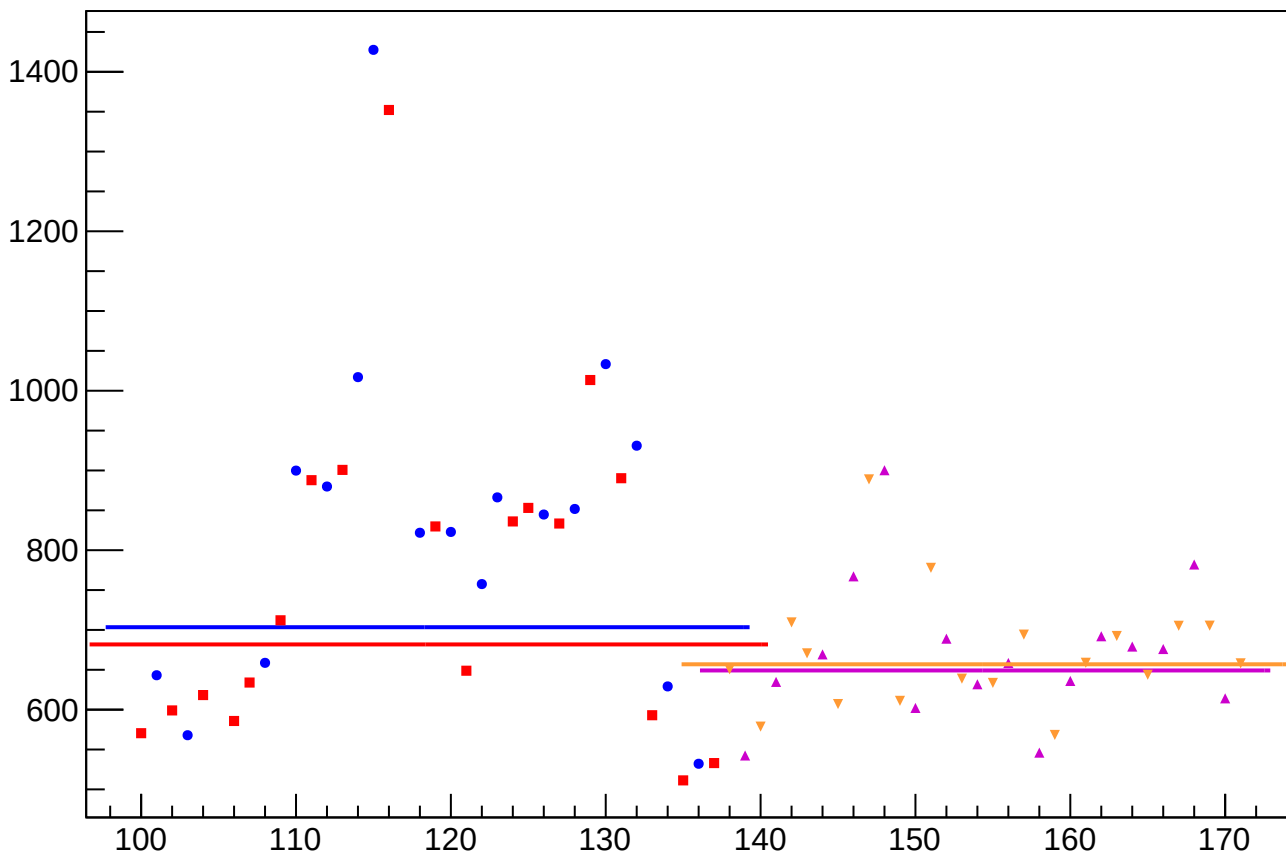
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 34.397 $\pm$ 154.079 χ^2 /NDF:48.7/32

Out: -94.213 $\pm$ 148.118 χ^2 /NDF:45.1/36

All: -32.444 $\pm$ 106.781 χ^2 /NDF: 94.2/69

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 656.891 $\pm$ 0.127 χ^2 /NDF:262991.7/17

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 649.162 $\pm$ 0.131 χ^2 /NDF:362927.5/15

Left: 653.144 $\pm$ 0.091 χ^2 /NDF: 627719.5/33

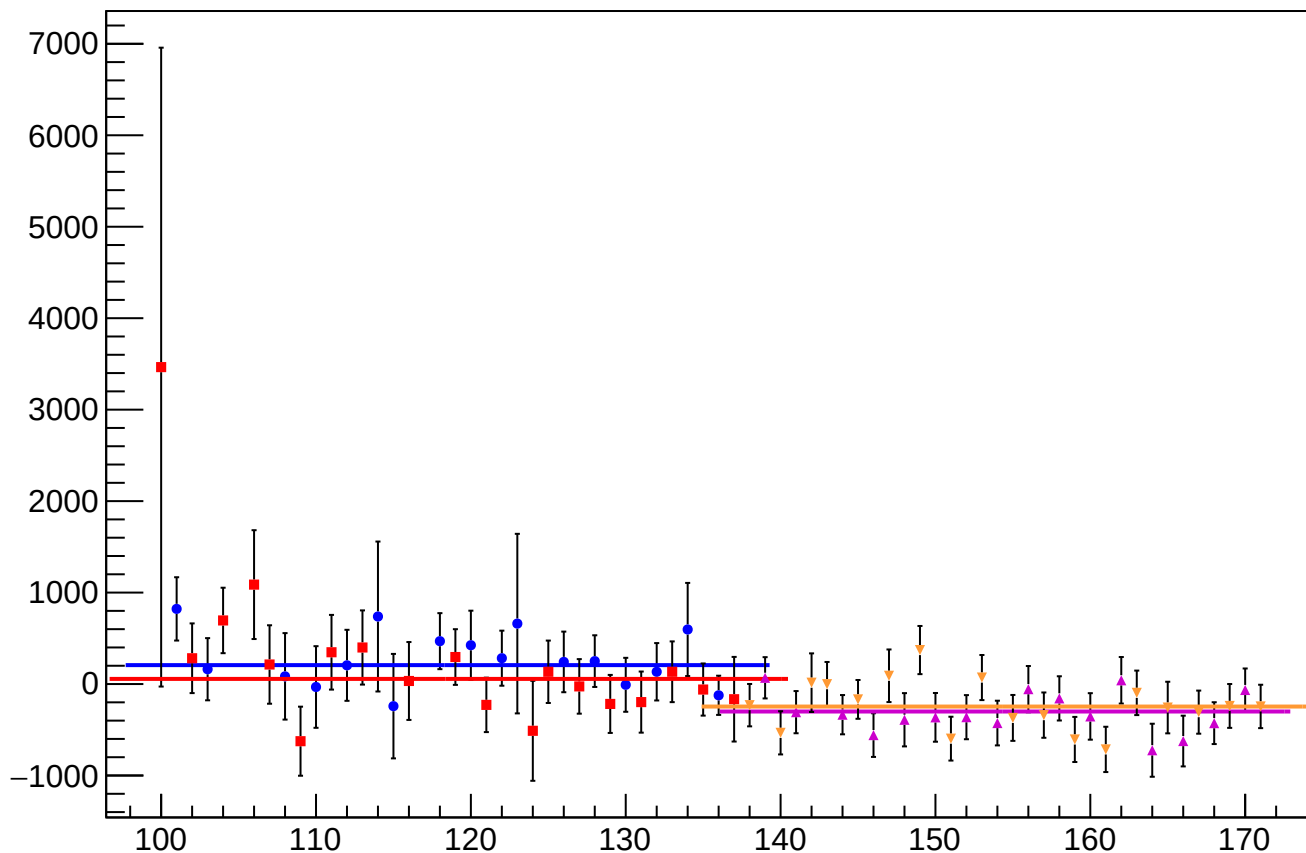
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 665.745 $\pm$ 0.109 χ^2 /NDF:1082426.6/32

Out: 664.815 $\pm$ 0.105 χ^2 /NDF:940063.9/36

All: 665.262 $\pm$ 0.076 χ^2 /NDF: 2022528.3/69

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: -246.013 $\pm$ 58.375 χ^2 /NDF:20.5/17

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -300.319 $\pm$ 61.628 χ^2 /NDF:12.3/15

Left: -271.695 $\pm$ 42.381 χ^2 /NDF: 33.2/33

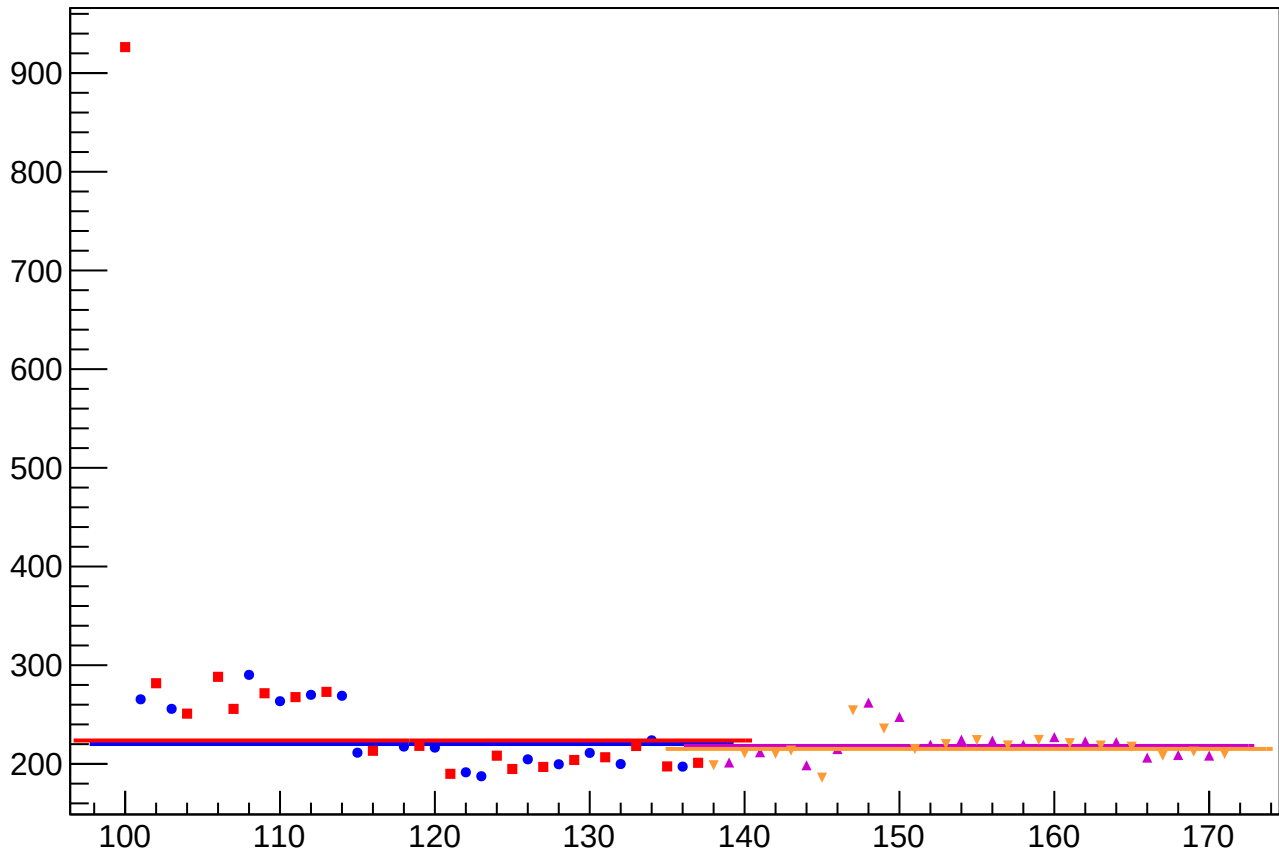
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -127.257 $\pm$ 50.020 χ^2 /NDF:44.9/32

Out: -149.411 $\pm$ 48.150 χ^2 /NDF:45.7/36

All: -138.756 $\pm$ 34.690 χ^2 /NDF: 90.7/69

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: 215.180 $\pm$ 0.041 χ^2 /NDF: 109294.8/17

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 218.164 $\pm$ 0.044 χ^2 /NDF: 115609.8/15

Left: 216.591 $\pm$ 0.030 χ^2 /NDF: 227376.0/33

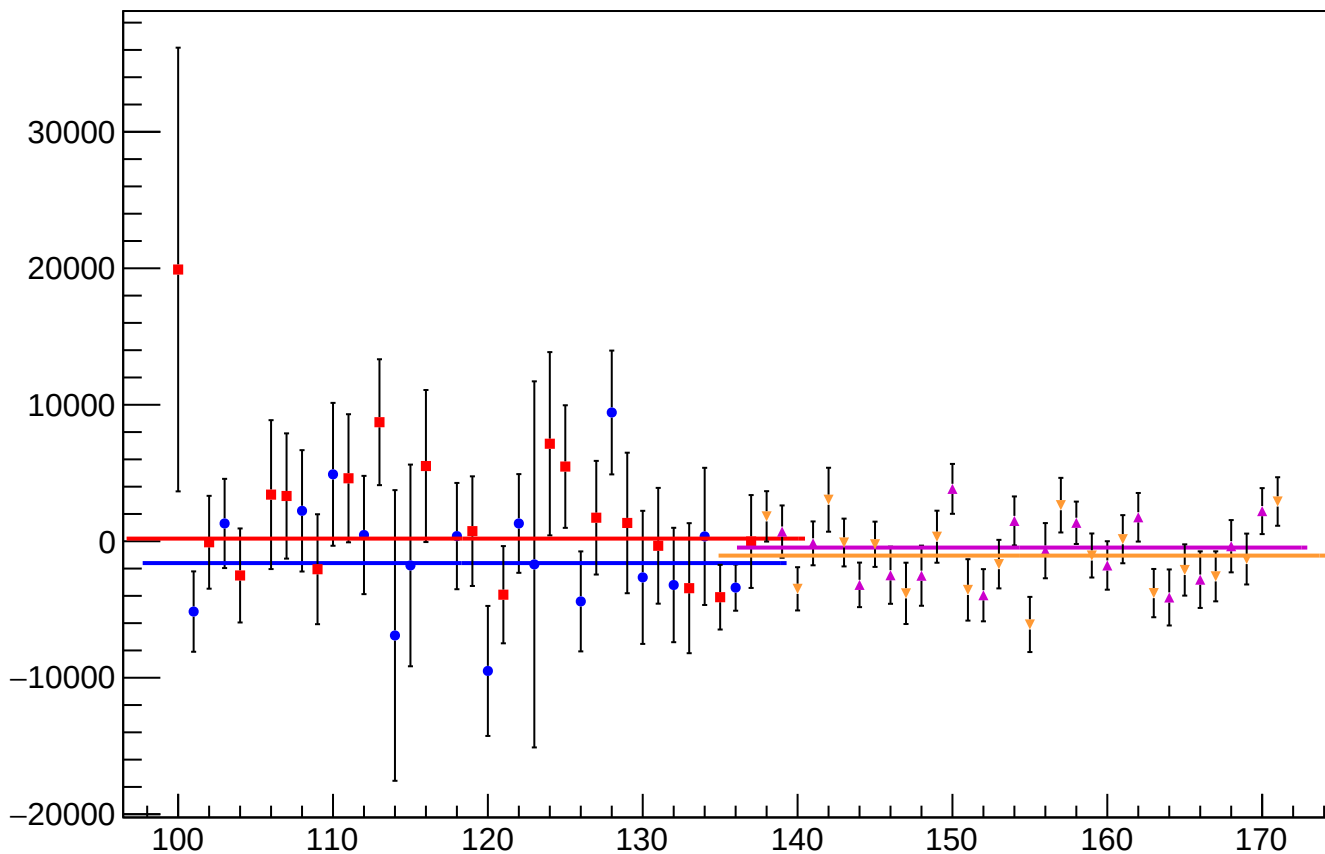
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.836 $\pm$ 0.035 χ^2 /NDF: 344750.3/32

Out: 217.905 $\pm$ 0.034 χ^2 /NDF: 476173.1/36

All: 218.353 $\pm$ 0.025 χ^2 /NDF: 821282.8/69

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 $\chi^2/\text{NDF}: 16.6/16$

Left Out: -1050.368 ± 436.182 $\chi^2/\text{NDF}: 30.3/17$

Right Out: 194.970 ± 947.480 $\chi^2/\text{NDF}: 16.3/18$

Left In: -462.300 ± 459.352 $\chi^2/\text{NDF}: 25.5/15$

Left: -771.539 ± 316.301 $\chi^2/\text{NDF}: 56.7/33$

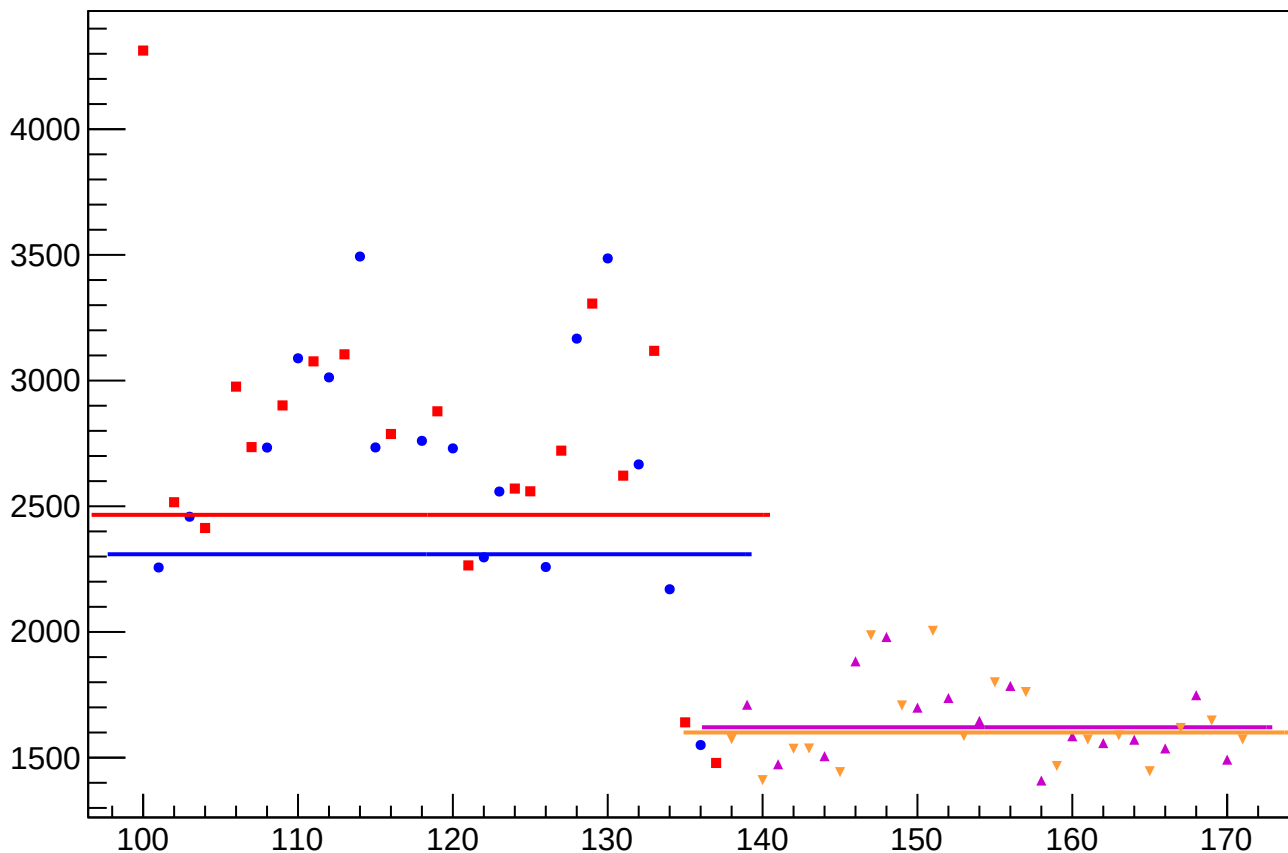
Right: -727.416 ± 660.424 $\chi^2/\text{NDF}: 34.8/35$

In: -688.725 ± 411.065 $\chi^2/\text{NDF}: 43.4/32$

Out: -832.595 ± 396.213 $\chi^2/\text{NDF}: 48.0/36$

All: -763.306 ± 285.271 $\chi^2/\text{NDF}: 91.5/69$

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: 1600.140 $\pm$ 0.308 χ^2 /NDF: 243798.5/17

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1620.981 $\pm$ 0.325 χ^2 /NDF: 205833.5/15

Left: 1610.022 $\pm$ 0.224 χ^2 /NDF: 451796.9/33

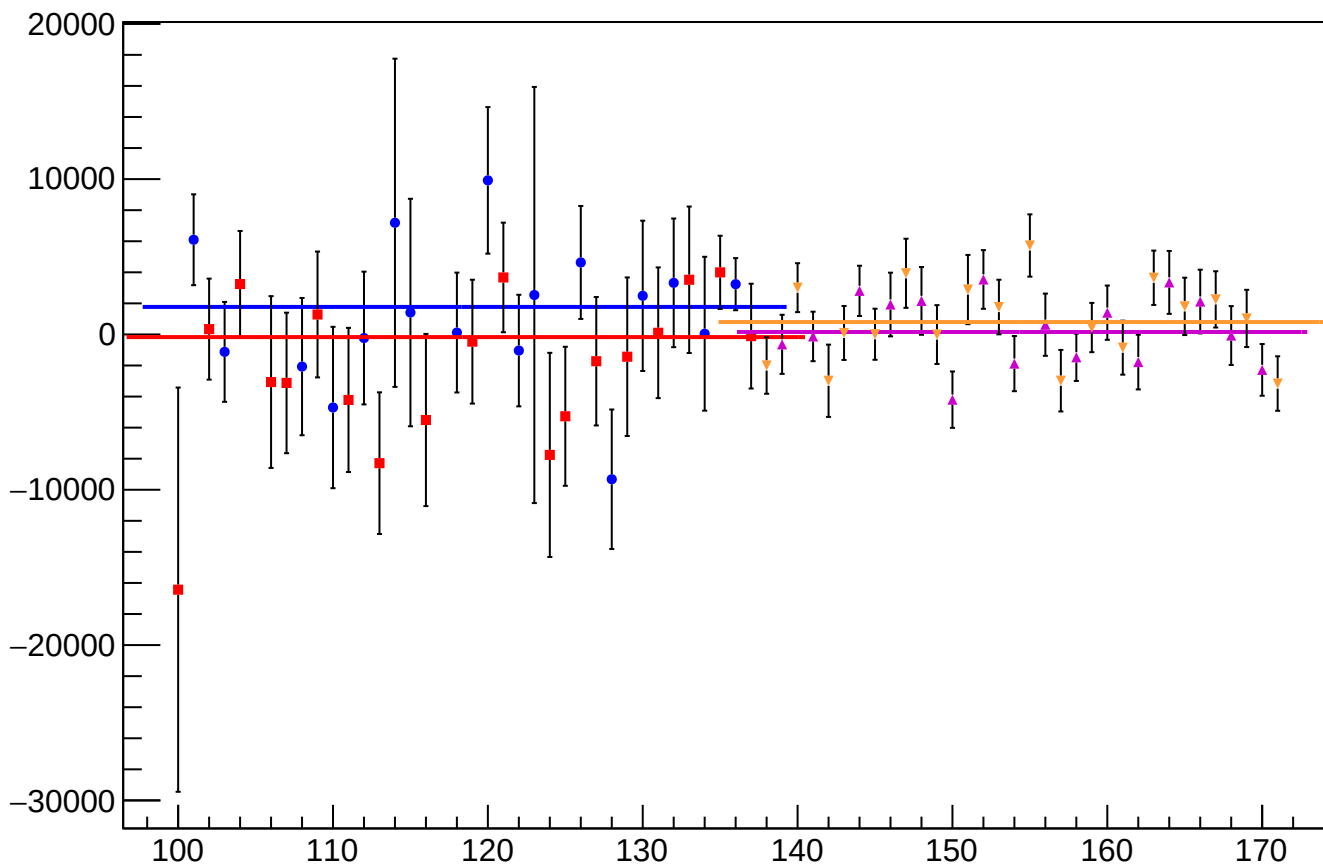
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1758.052 $\pm$ 0.291 χ^2 /NDF: 1900626.4/32

Out: 1751.536 $\pm$ 0.280 χ^2 /NDF: 2315749.1/36

All: 1754.674 $\pm$ 0.202 χ^2 /NDF: 4216636.0/69

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 798.215 $\pm$ 431.420 χ^2/NDF : 30.1/17

Right Out: -170.902 $\pm$ 937.411 χ^2/NDF : 16.0/18

Left In: 157.715 $\pm$ 453.929 χ^2/NDF : 23.2/15

Left: 494.239 $\pm$ 312.715 χ^2/NDF : 54.3/33

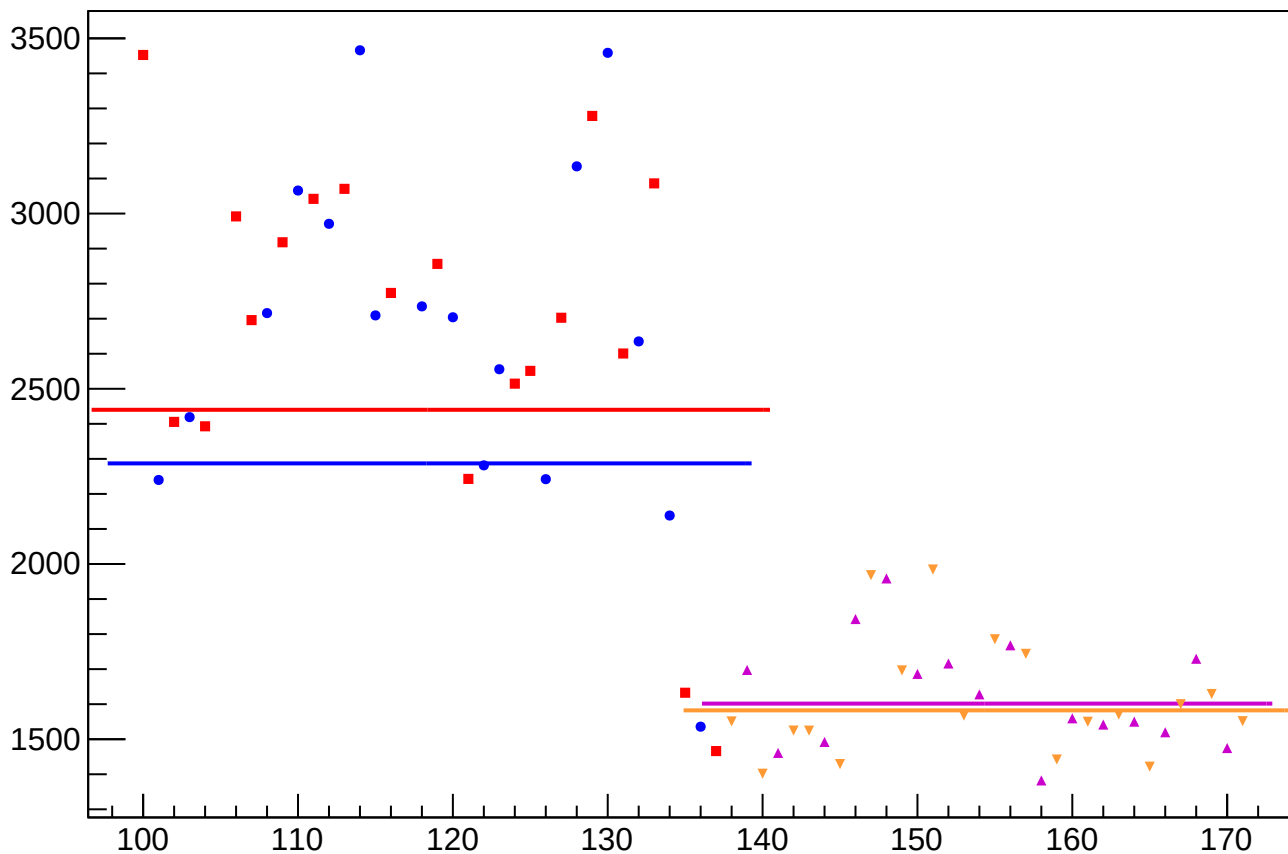
Right: 826.520 $\pm$ 653.801 χ^2/NDF : 35.6/35

In: 477.900 $\pm$ 406.404 χ^2/NDF : 43.1/32

Out: 628.827 $\pm$ 391.907 χ^2/NDF : 47.0/36

All: 556.103 $\pm$ 282.106 χ^2/NDF : 90.1/69

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1582.348+/-0.305 χ^2/NDF : 247849.0/17

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1601.656+/-0.321 χ^2/NDF : 207303.4/15

Left: 1591.511+/-0.221 χ^2/NDF : 457053.7/33

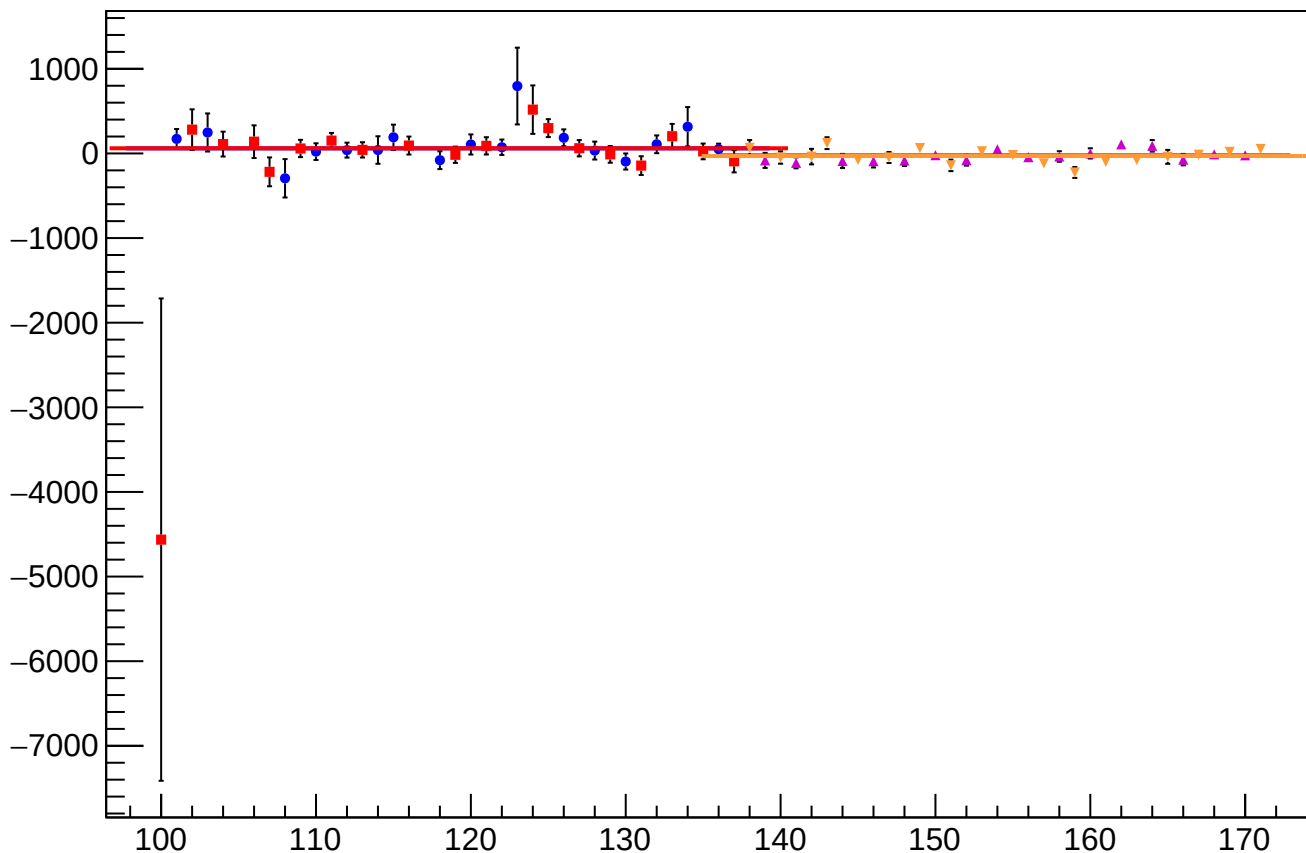
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1737.671+/-0.287 χ^2/NDF : 1911629.7/32

Out: 1732.265+/-0.277 χ^2/NDF : 2308700.1/36

All: 1734.870+/-0.199 χ^2/NDF : 4220513.2/69

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -30.556 $\pm$ 14.317 χ^2 /NDF:30.7/17

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -22.417 $\pm$ 15.340 χ^2 /NDF:15.9/15

Left: -26.767 $\pm$ 10.467 χ^2 /NDF: 46.7/33

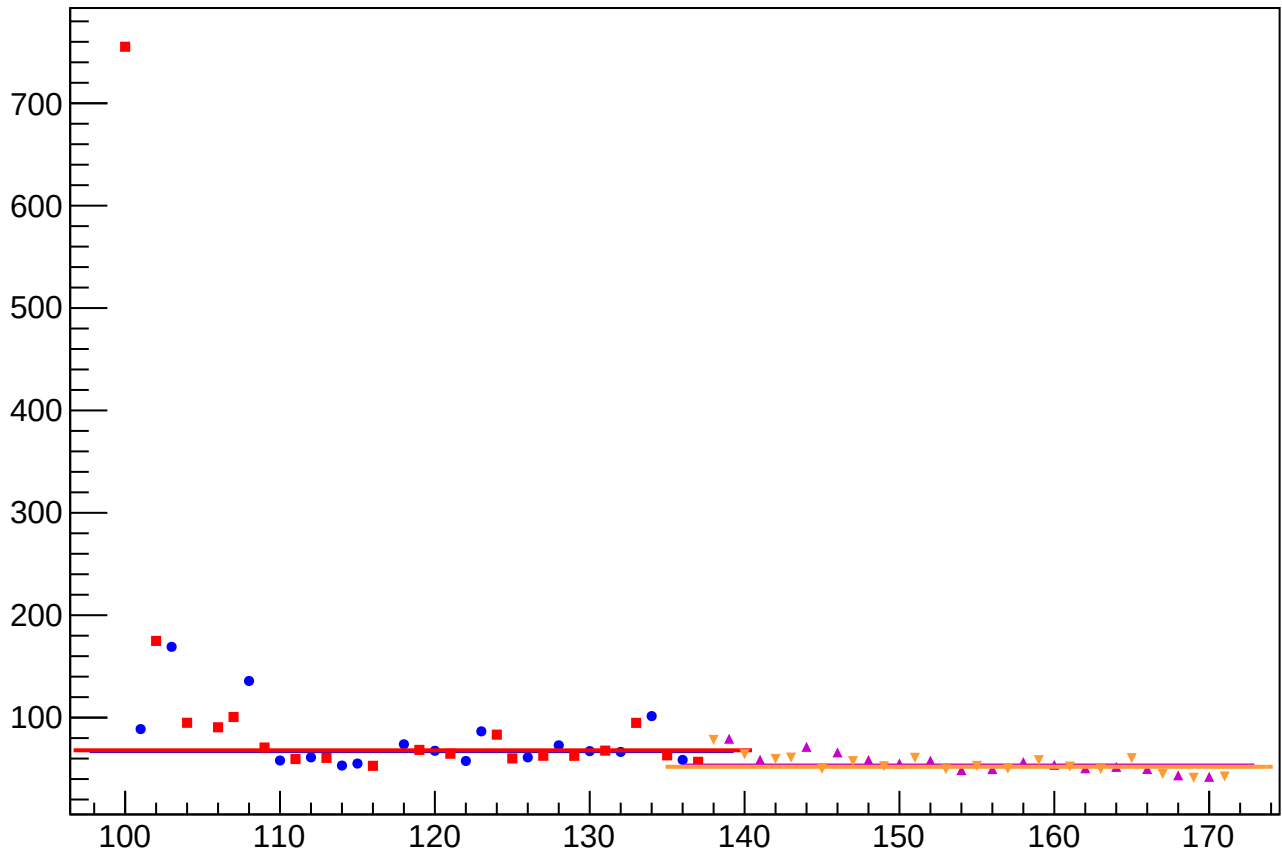
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -2.478 $\pm$ 13.347 χ^2 /NDF:38.2/32

Out: -10.478 $\pm$ 12.650 χ^2 /NDF:61.9/36

All: -6.692 $\pm$ 9.181 χ^2 /NDF: 100.3/69

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: 51.977 $\pm$ 0.010 χ^2 /NDF: 590324.2/17

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 53.234 $\pm$ 0.011 χ^2 /NDF: 594851.9/15

Left: 52.562 $\pm$ 0.007 χ^2 /NDF: 1192359.8/33

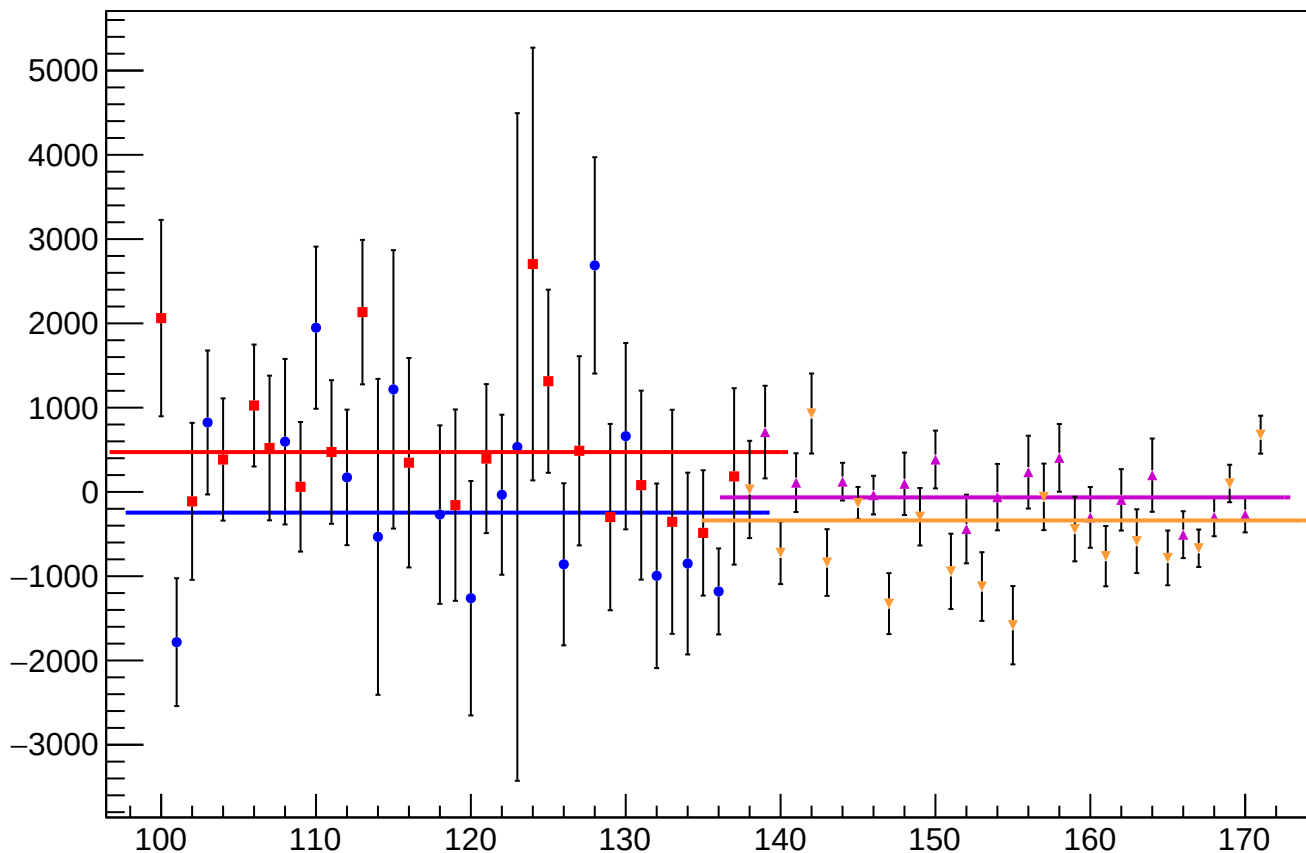
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 56.651 $\pm$ 0.009 χ^2 /NDF: 1844535.1/32

Out: 55.504 $\pm$ 0.009 χ^2 /NDF: 2014554.9/36

All: 56.047 $\pm$ 0.006 χ^2 /NDF: 3866859.8/69

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -338.519 $\pm$ 74.853 χ^2 /NDF:62.4/17

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

Left In: -64.616 $\pm$ 77.697 χ^2 /NDF:12.9/15

Left: -206.672 $\pm$ 53.906 χ^2 /NDF: 81.7/33

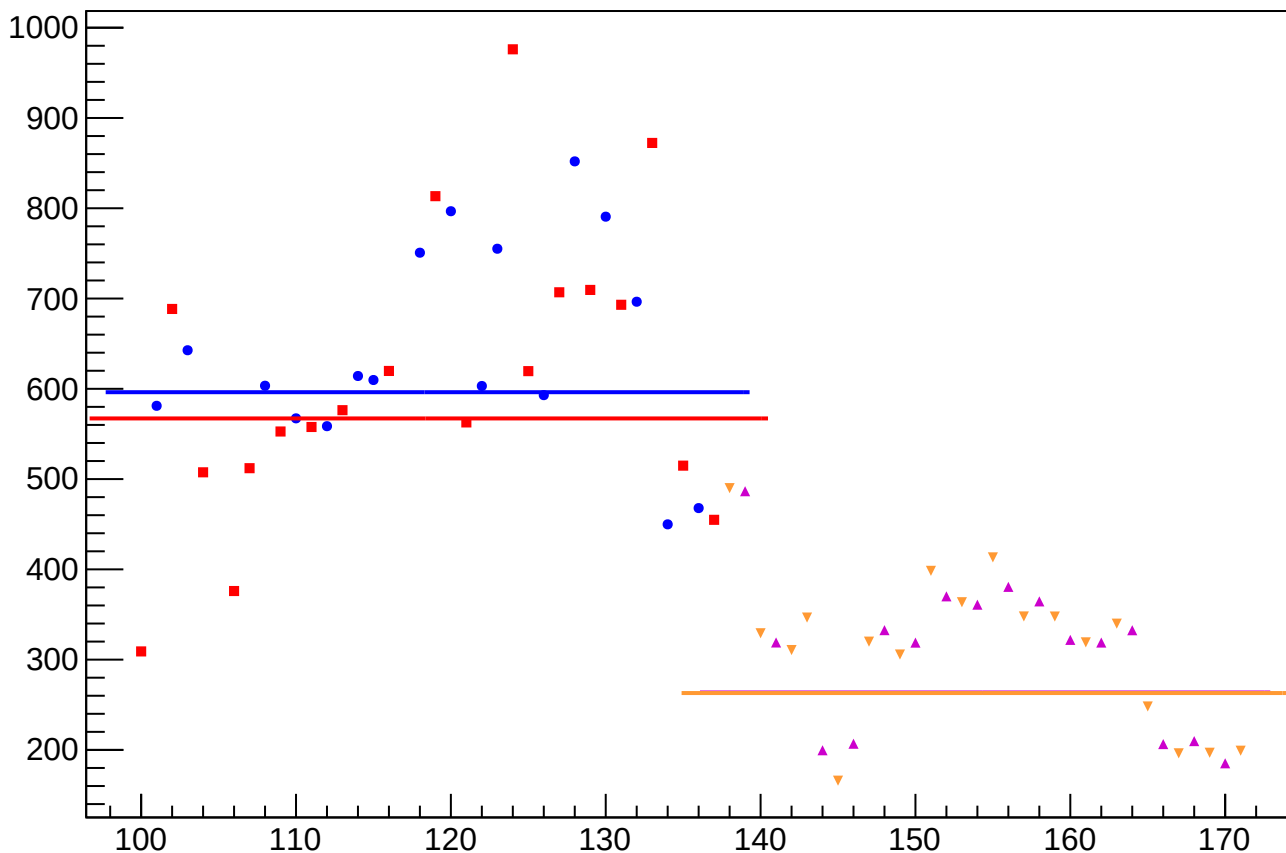
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: -82.398 $\pm$ 73.782 χ^2 /NDF:37.2/32

Out: -253.523 $\pm$ 70.824 χ^2 /NDF:86.0/36

All: -171.460 $\pm$ 51.094 χ^2 /NDF: 126.0/69

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 ± 0.166 $\chi^2/\text{NDF}: 422153.3/16$

Left Out: 262.994 ± 0.053 $\chi^2/\text{NDF}: 2445788.7/17$

Right Out: 567.177 ± 0.155 $\chi^2/\text{NDF}: 675391.6/18$

Left In: 263.647 ± 0.055 $\chi^2/\text{NDF}: 1943683.0/15$

Left: 263.308 ± 0.038 $\chi^2/\text{NDF}: 4389544.8/33$

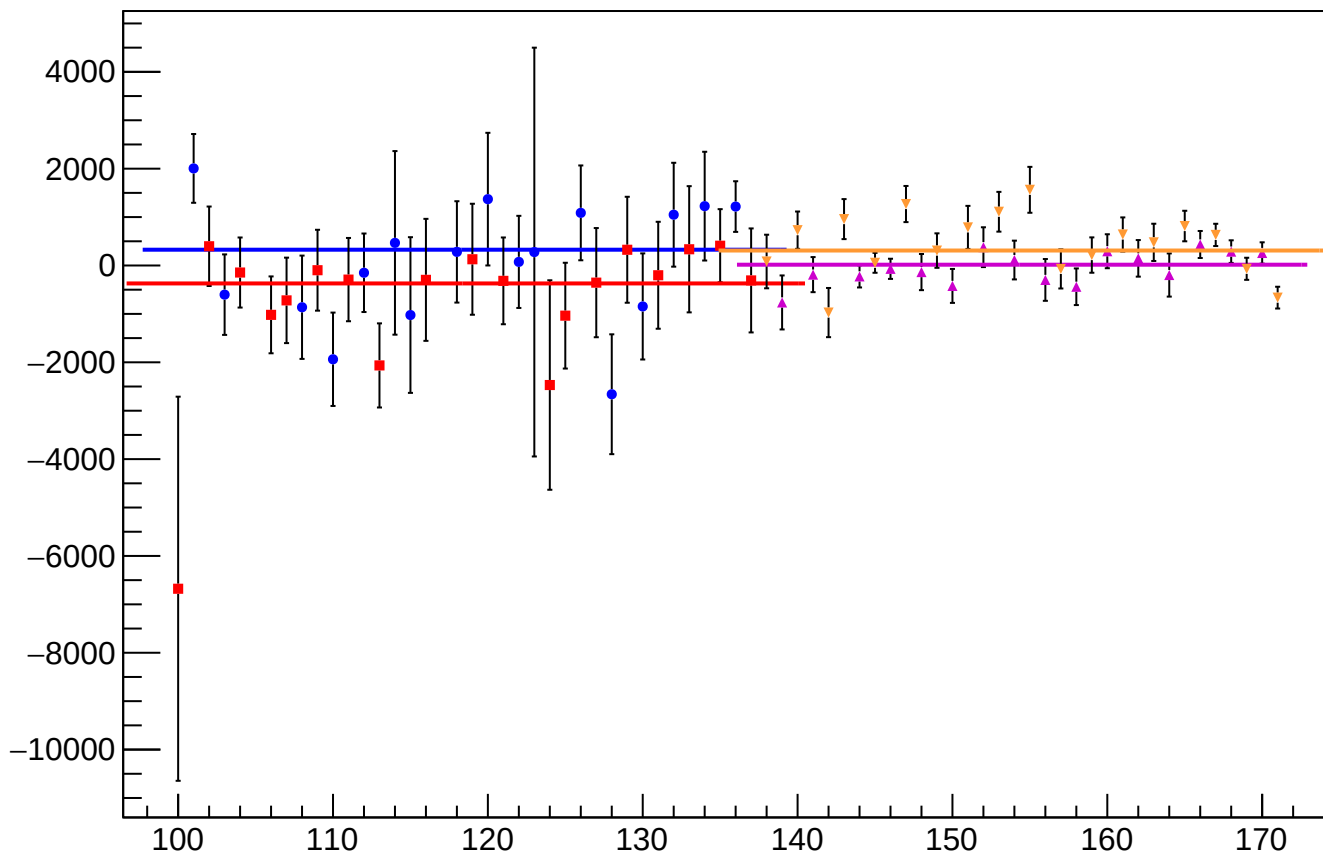
Right: 580.651 ± 0.113 $\chi^2/\text{NDF}: 1113905.5/35$

In: 296.320 ± 0.052 $\chi^2/\text{NDF}: 5966119.0/32$

Out: 294.859 ± 0.050 $\chi^2/\text{NDF}: 6581005.9/36$

All: 295.560 ± 0.036 $\chi^2/\text{NDF}: 12547533.2/69$

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 309.323 ± 76.655 χ^2/NDF : 58.3/17

Right Out: -370.721 ± 224.892 χ^2/NDF : 11.5/18

Left In: 16.155 ± 77.896 χ^2/NDF : 13.9/15

Left: 165.094 ± 54.637 χ^2/NDF : 79.3/33

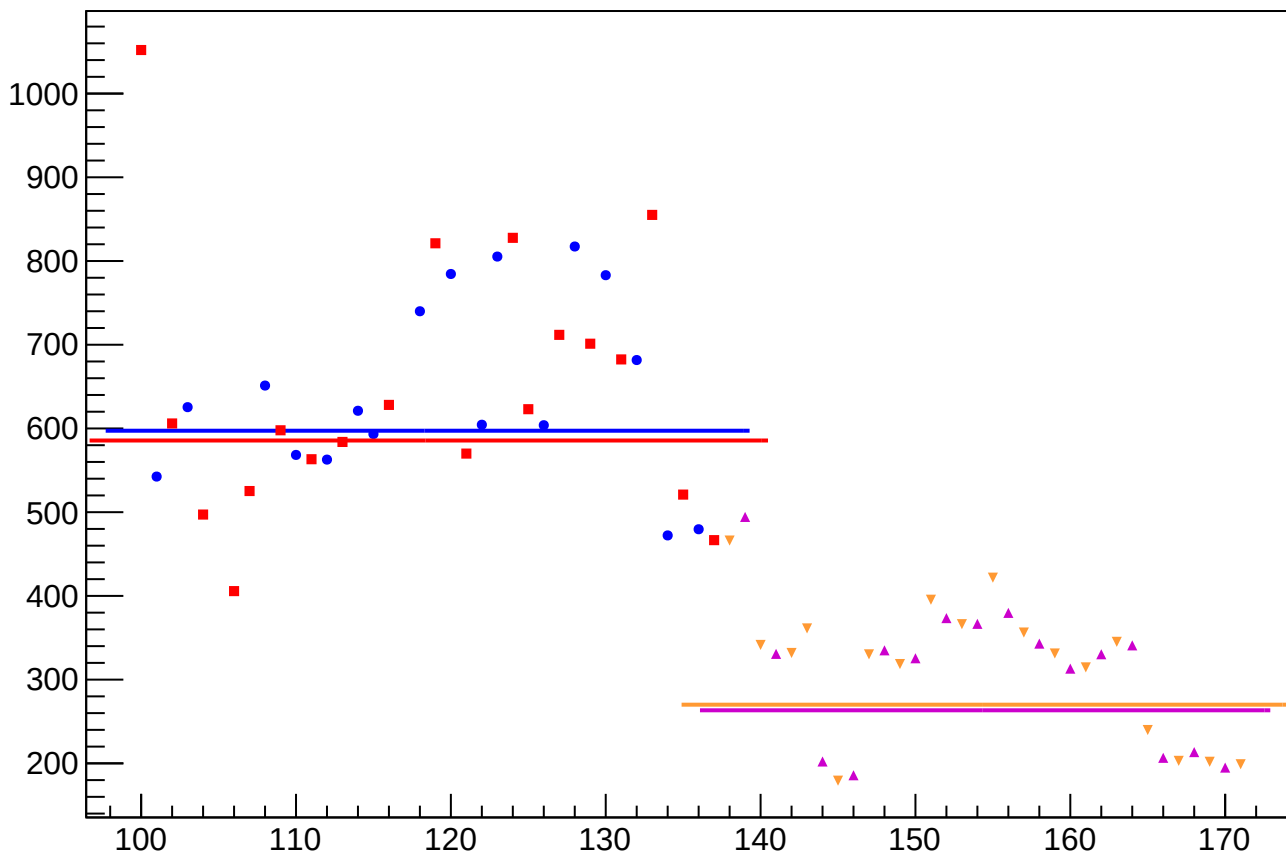
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: 46.696 ± 73.959 χ^2/NDF : 42.3/32

Out: 238.540 ± 72.556 χ^2/NDF : 78.0/36

All: 144.455 ± 51.793 χ^2/NDF : 123.7/69

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 270.074 $\pm$ 0.054 χ^2 /NDF:2220135.7/17

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 263.365 $\pm$ 0.055 χ^2 /NDF:2010664.9/15

Left: 266.773 $\pm$ 0.039 χ^2 /NDF: 4238336.0/33

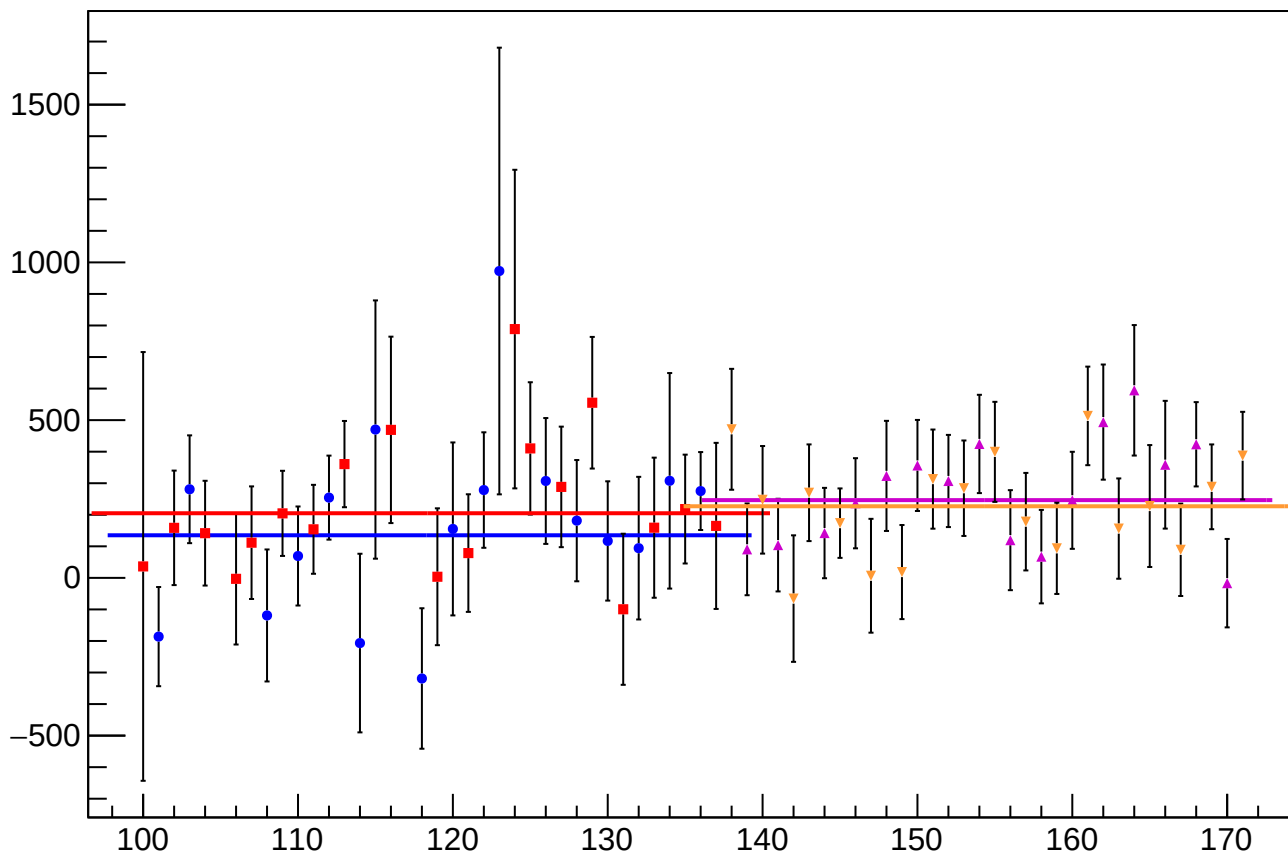
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 296.272 $\pm$ 0.052 χ^2 /NDF:5996288.6/32

Out: 302.917 $\pm$ 0.051 χ^2 /NDF:6222203.6/36

All: 299.658 $\pm$ 0.037 χ^2 /NDF: 12226718.7/69

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: 226.986 $\pm$ 36.222 χ^2 /NDF:16.1/17

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 246.450 $\pm$ 38.557 χ^2 /NDF:17.2/15

Left: 236.111 $\pm$ 26.400 χ^2 /NDF: 33.5/33

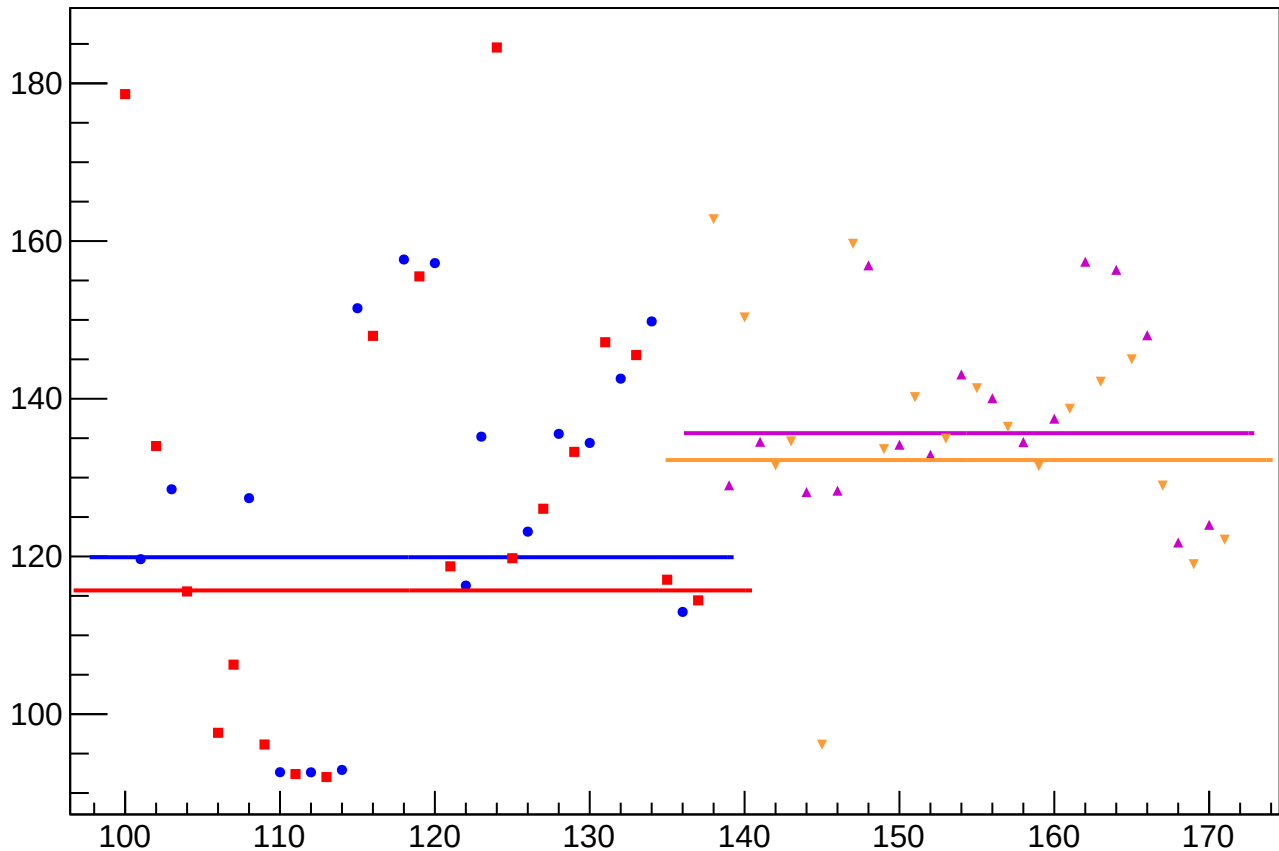
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 201.656 $\pm$ 29.816 χ^2 /NDF:38.6/32

Out: 218.157 $\pm$ 28.077 χ^2 /NDF:28.3/36

All: 210.402 $\pm$ 20.440 χ^2 /NDF: 67.1/69

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 132.226+/-0.026 χ^2/NDF : 400142.2/17

Right Out: 115.693+/-0.031 χ^2/NDF : 435335.9/18

Left In: 135.635+/-0.027 χ^2/NDF : 143350.1/15

Left: 133.824+/-0.019 χ^2/NDF : 551793.9/33

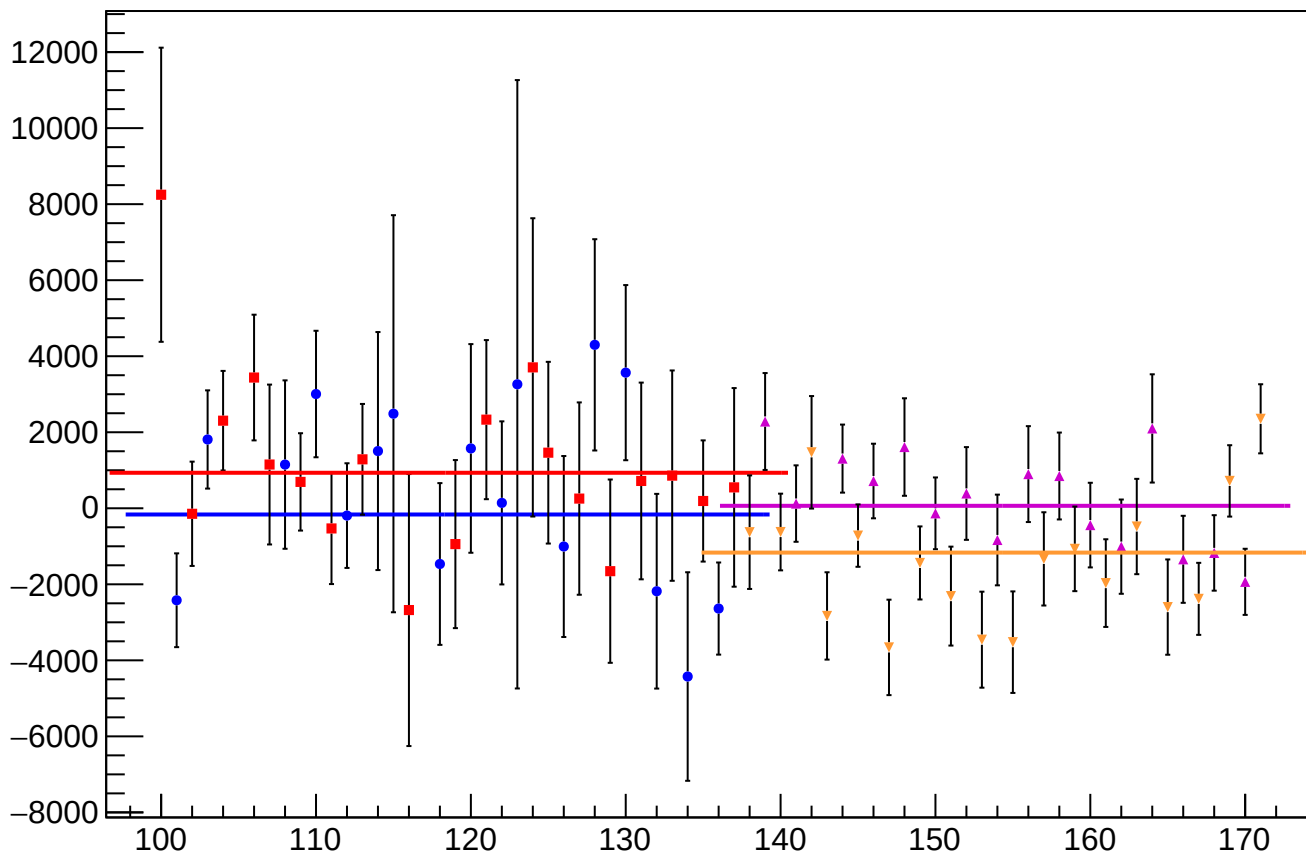
Right: 117.679+/-0.023 χ^2/NDF : 789317.7/35

In: 129.310+/-0.021 χ^2/NDF : 622704.8/32

Out: 125.627+/-0.020 χ^2/NDF : 1001815.9/36

All: 127.358+/-0.014 χ^2/NDF : 1640700.4/69

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 ± 469.592 $\chi^2/\text{NDF}: 23.7/16$

Left Out: -1165.859 ± 261.861 $\chi^2/\text{NDF}: 40.0/17$

Right Out: 933.992 ± 437.648 $\chi^2/\text{NDF}: 12.9/18$

Left In: 64.804 ± 272.756 $\chi^2/\text{NDF}: 19.8/15$

Left: -575.596 ± 188.898 $\chi^2/\text{NDF}: 70.4/33$

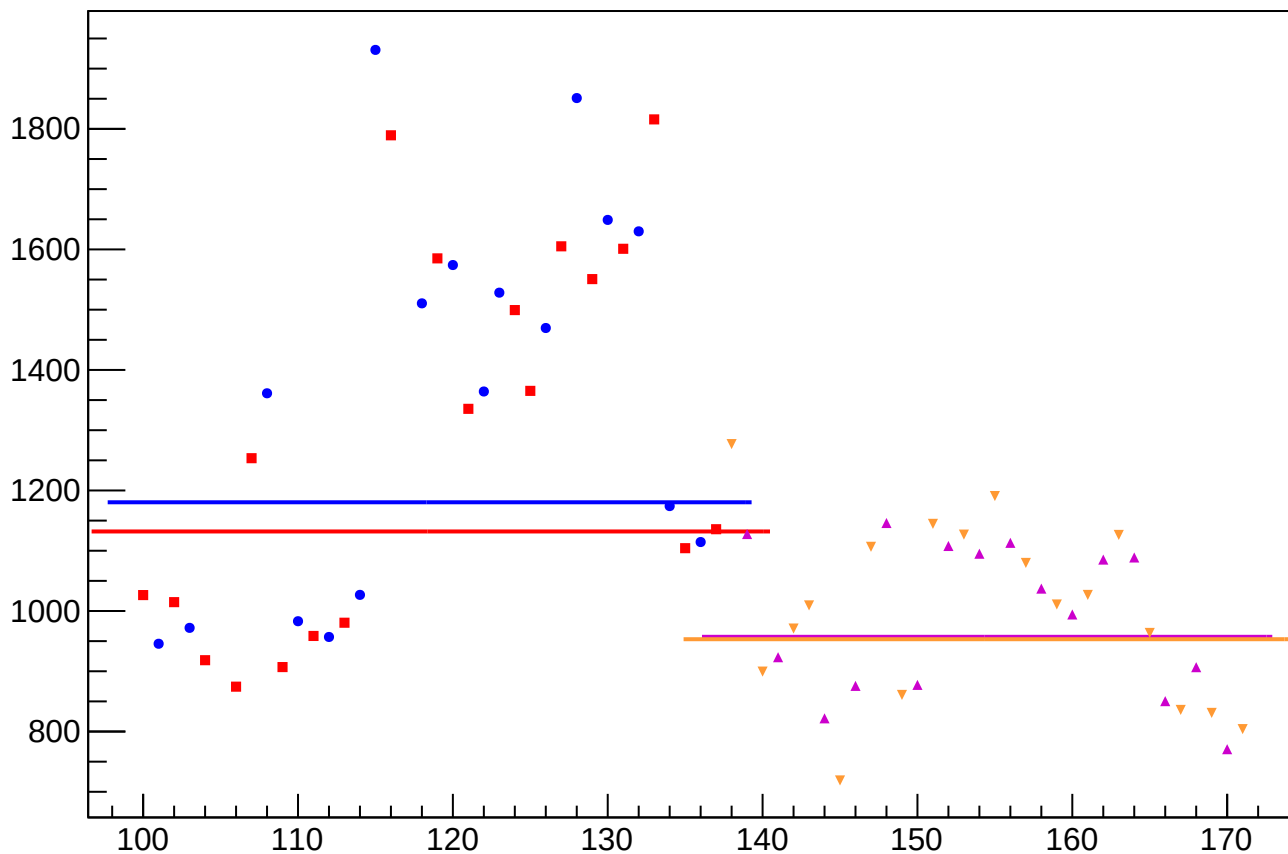
Right: 423.822 ± 320.162 $\chi^2/\text{NDF}: 39.5/35$

In: 7.201 ± 235.857 $\chi^2/\text{NDF}: 43.7/32$

Out: -612.282 ± 224.709 $\chi^2/\text{NDF}: 69.8/36$

All: -317.526 ± 162.691 $\chi^2/\text{NDF}: 117.2/69$

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 953.181+/-0.185 χ^2/NDF : 652089.8/17

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 957.170+/-0.193 χ^2/NDF : 407988.8/15

Left: 955.094+/-0.134 χ^2/NDF : 1060301.2/33

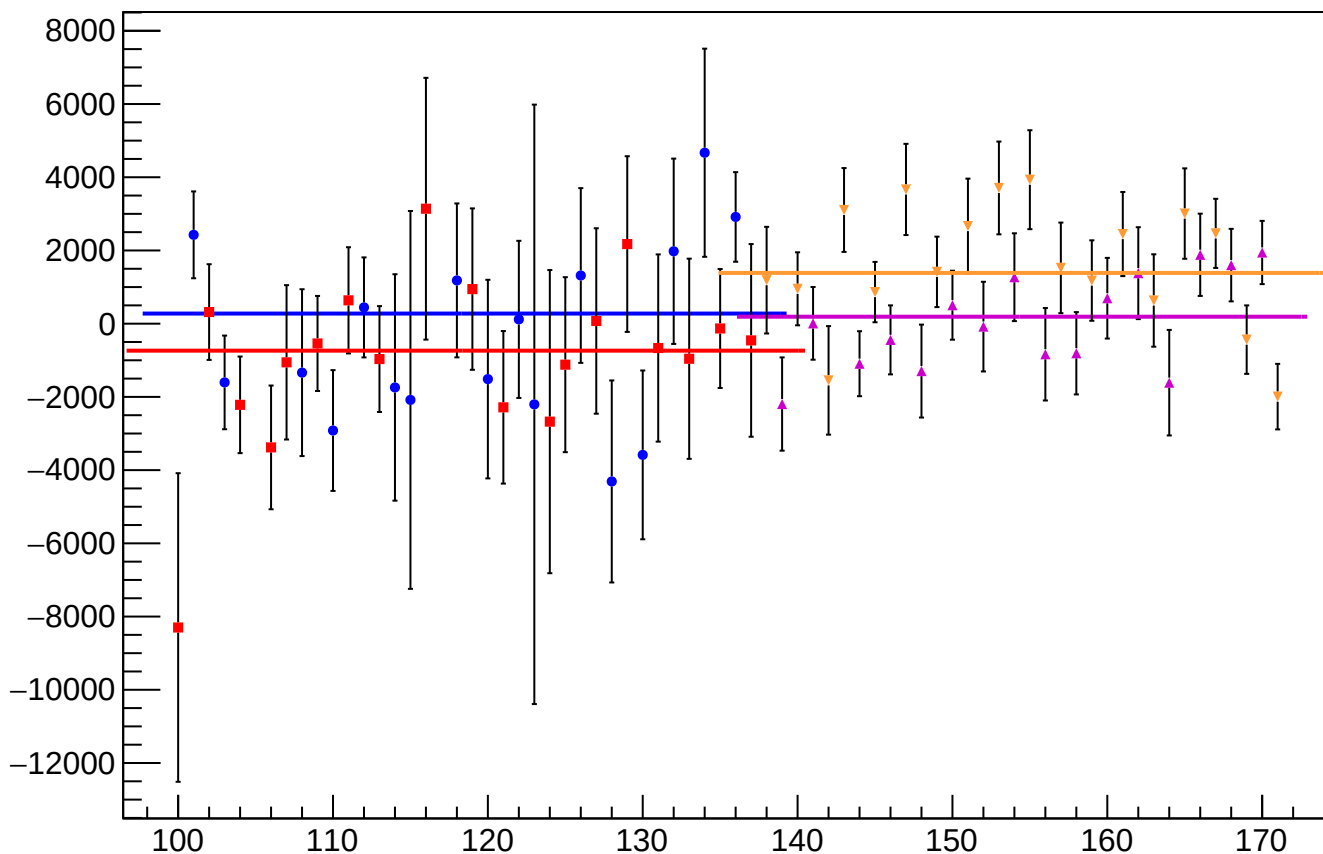
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1013.483+/-0.167 χ^2/NDF : 1414787.1/32

Out: 1000.317+/-0.159 χ^2/NDF : 1659805.0/36

All: 1006.581+/-0.115 χ^2/NDF : 3077859.2/69

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1386.700 $\pm$ 260.870 χ^2/NDF : 40.4/17

Right Out: -736.749 $\pm$ 437.448 χ^2/NDF : 12.8/18

Left In: 190.679 $\pm$ 270.730 χ^2/NDF : 21.0/15

Left: 810.866 $\pm$ 187.852 χ^2/NDF : 71.4/33

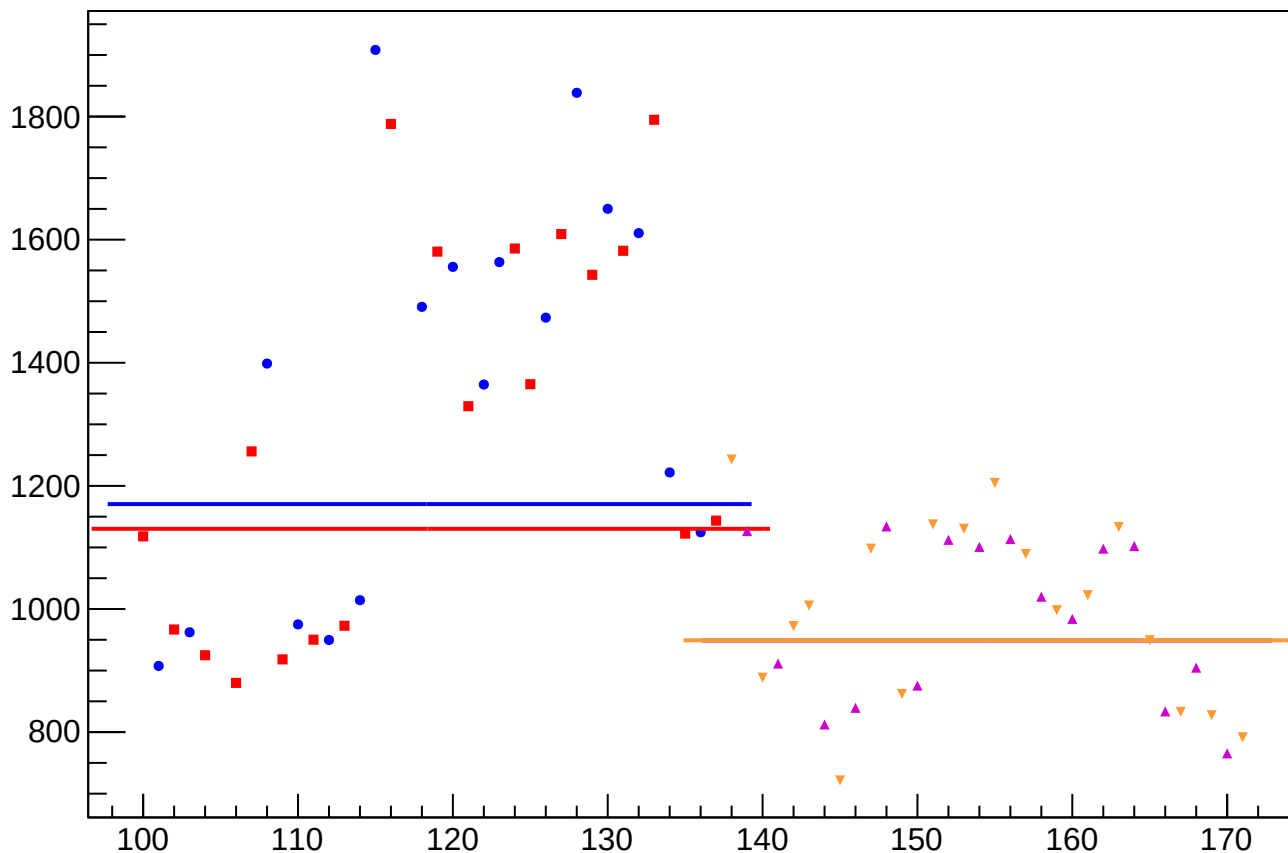
Right: -262.610 $\pm$ 319.075 χ^2/NDF : 39.7/35

In: 212.287 $\pm$ 234.146 χ^2/NDF : 45.3/32

Out: 829.648 $\pm$ 224.055 χ^2/NDF : 70.6/36

All: 534.557 $\pm$ 161.880 χ^2/NDF : 119.5/69

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 949.108 $\pm$ 0.184 χ^2 /NDF: 652970.1/17

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 948.697 $\pm$ 0.191 χ^2 /NDF: 448670.0/15

Left: 948.910 $\pm$ 0.133 χ^2 /NDF: 1101642.5/33

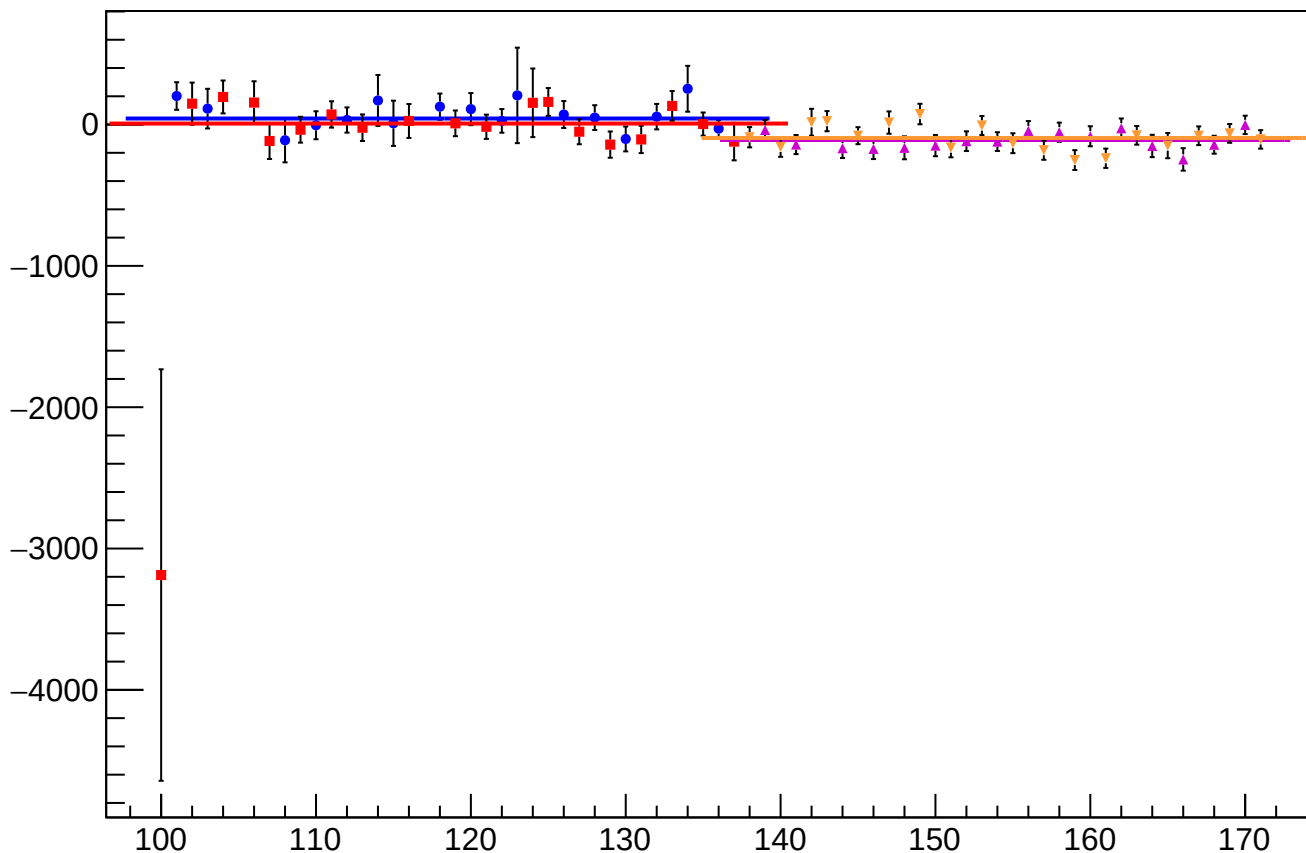
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1004.568 $\pm$ 0.166 χ^2 /NDF: 1492164.4/32

Out: 996.646 $\pm$ 0.158 χ^2 /NDF: 1669190.1/36

All: 1000.433 $\pm$ 0.114 χ^2 /NDF: 3162549.6/69

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 χ^2/NDF : 12.0/16

Left Out: -94.950 ± 16.545 χ^2/NDF : 27.2/17

Right Out: 7.090 ± 24.489 χ^2/NDF : 20.6/18

Left In: -109.547 ± 17.649 χ^2/NDF : 12.8/15

Left: -101.777 ± 12.070 χ^2/NDF : 40.4/33

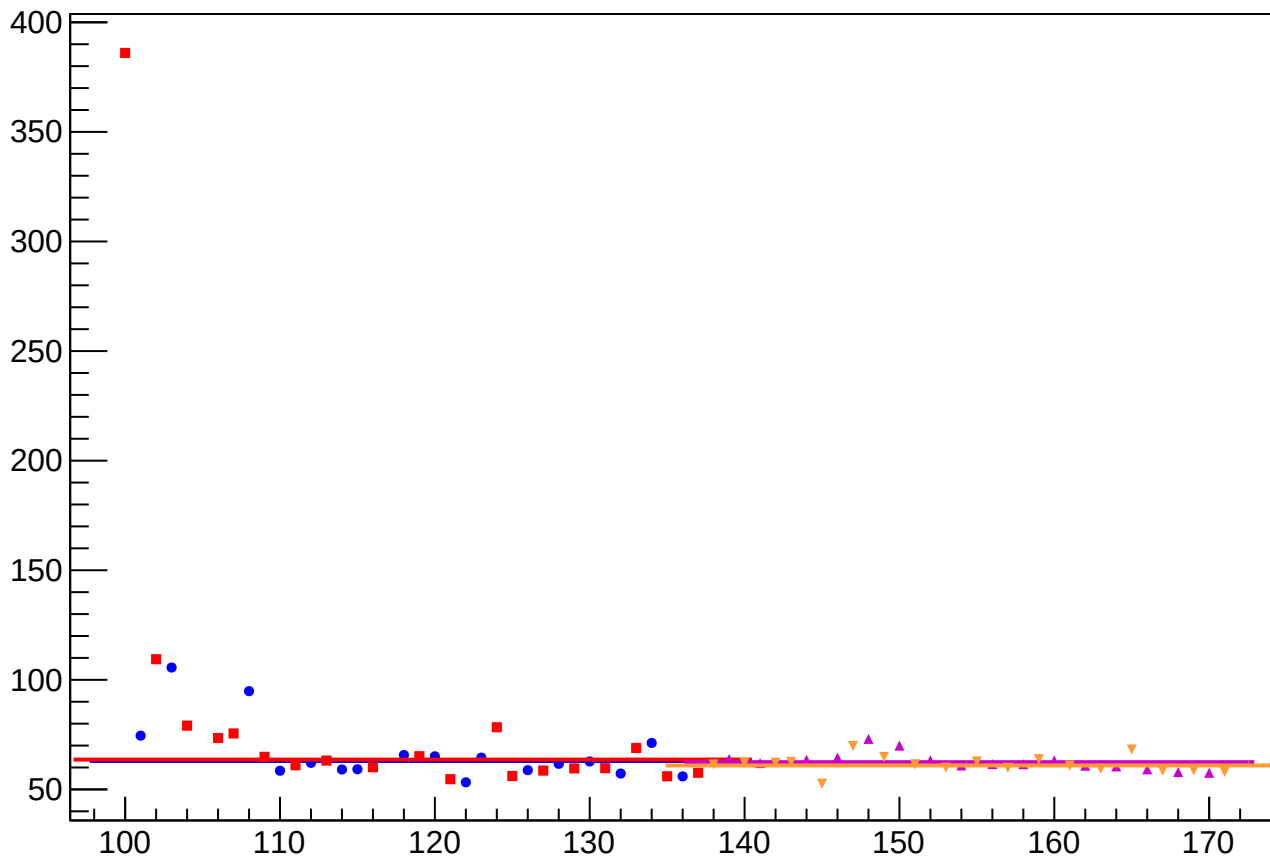
Right: 24.729 ± 17.391 χ^2/NDF : 33.6/35

In: -58.099 ± 14.360 χ^2/NDF : 49.9/32

Out: -62.971 ± 13.709 χ^2/NDF : 59.7/36

All: -60.648 ± 9.916 χ^2/NDF : 109.7/69

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: 60.944 $\pm$ 0.012 χ^2 /NDF: 100463.6/17

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.425 $\pm$ 0.012 χ^2 /NDF: 86287.1/15

Left: 61.637 $\pm$ 0.009 χ^2 /NDF: 194245.9/33

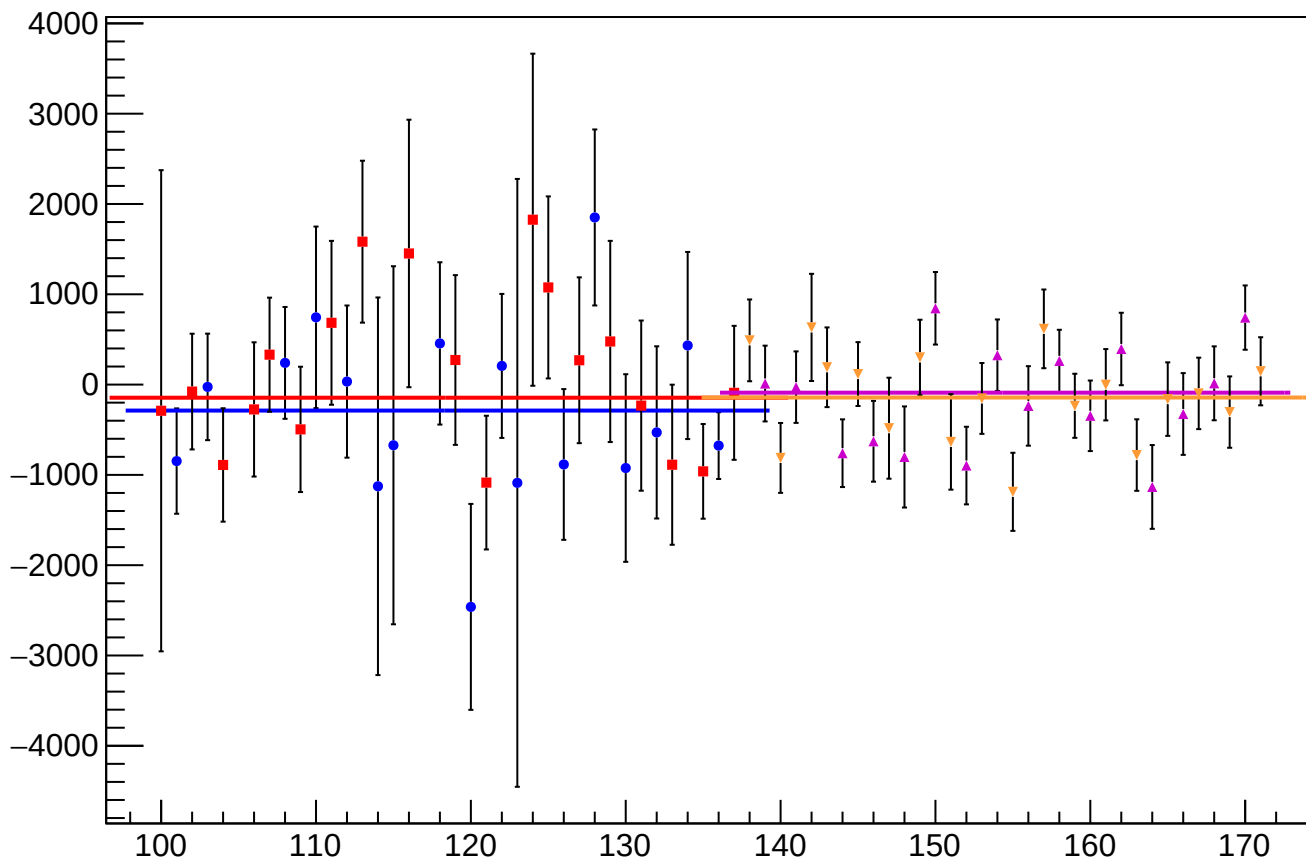
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.613 $\pm$ 0.010 χ^2 /NDF: 462219.3/32

Out: 61.781 $\pm$ 0.010 χ^2 /NDF: 550329.7/36

All: 62.177 $\pm$ 0.007 χ^2 /NDF: 1016061.3/69

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 χ^2/NDF : 15.4/16

Left Out: -143.282 ± 98.183 χ^2/NDF : 22.6/17

Right Out: -145.341 ± 187.312 χ^2/NDF : 16.1/18

Left In: -89.524 ± 102.557 χ^2/NDF : 30.3/15

Left: -117.574 ± 70.922 χ^2/NDF : 53.0/33

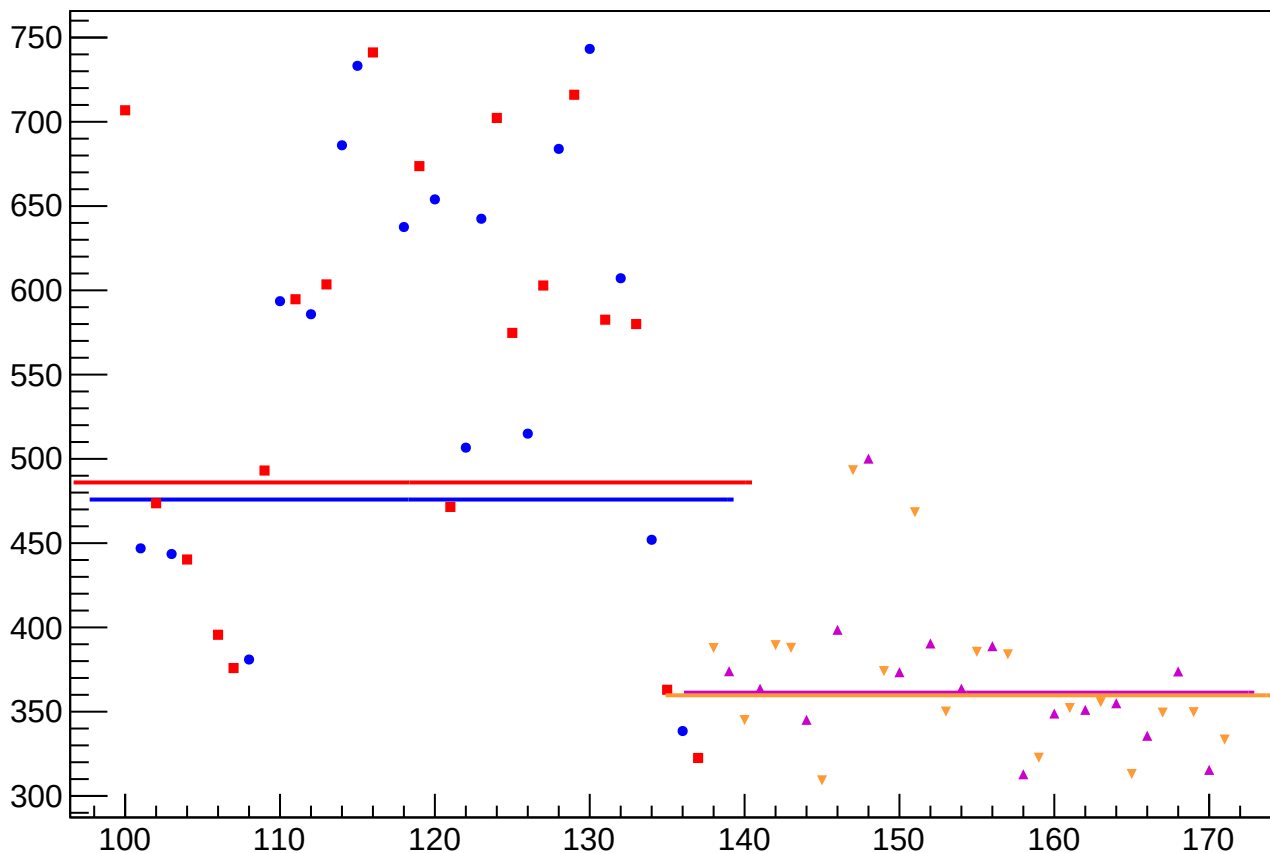
Right: -215.540 ± 133.351 χ^2/NDF : 31.7/35

In: -134.274 ± 90.237 χ^2/NDF : 46.5/32

Out: -143.725 ± 86.961 χ^2/NDF : 38.6/36

All: -139.174 ± 62.617 χ^2/NDF : 85.1/69

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: 359.710+/-0.069 χ^2/NDF :341292.7/17

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 361.298+/-0.073 χ^2/NDF :246124.2/15

Left: 360.469+/-0.050 χ^2/NDF : 587667.0/33

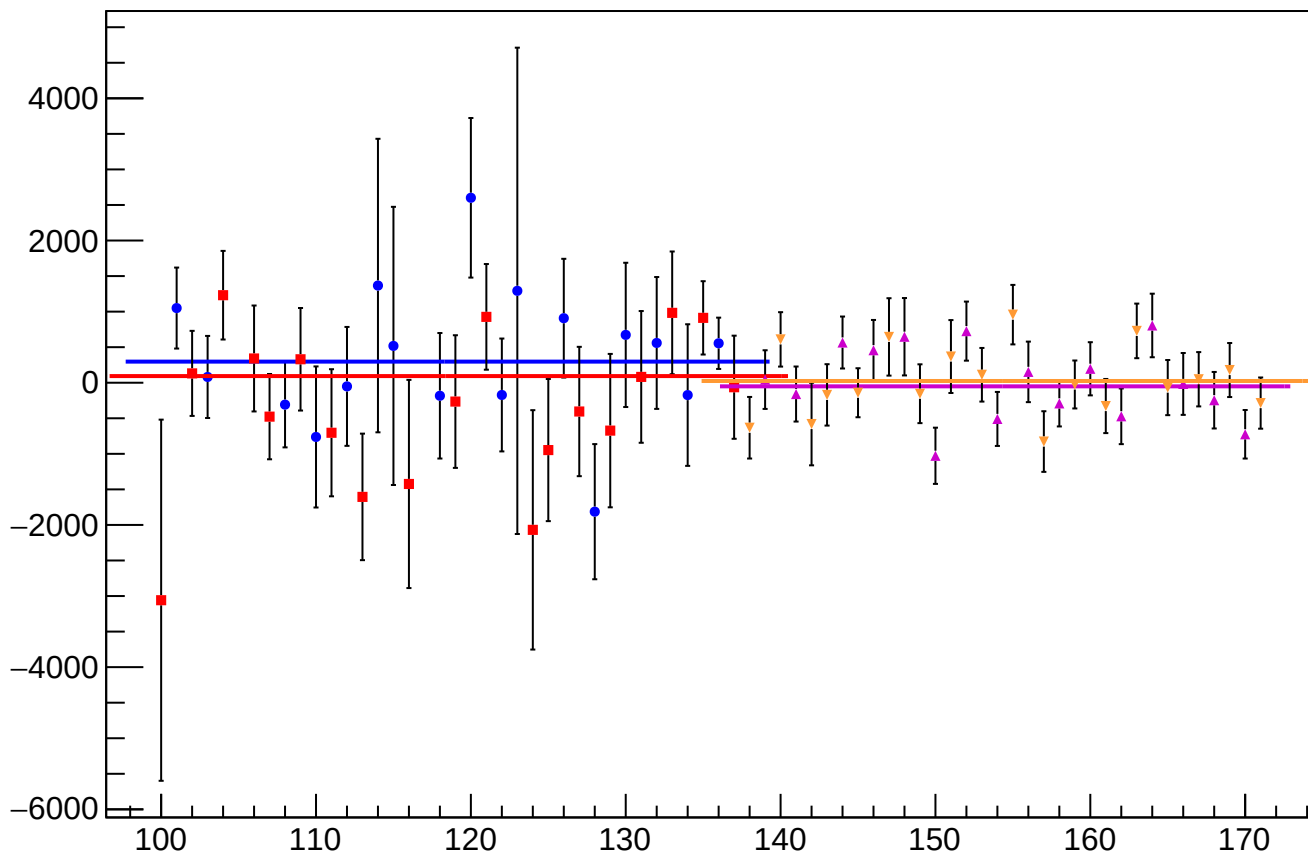
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 387.171+/-0.064 χ^2/NDF :1647619.8/32

Out: 386.932+/-0.061 χ^2/NDF :1784735.8/36

All: 387.047+/-0.044 χ^2/NDF : 3432362.9/69

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: 24.586 $\pm$ 95.000 χ^2 /NDF:22.3/17

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -50.913 $\pm$ 99.026 χ^2 /NDF:27.3/15

Left: -11.598 $\pm$ 68.554 χ^2 /NDF: 49.9/33

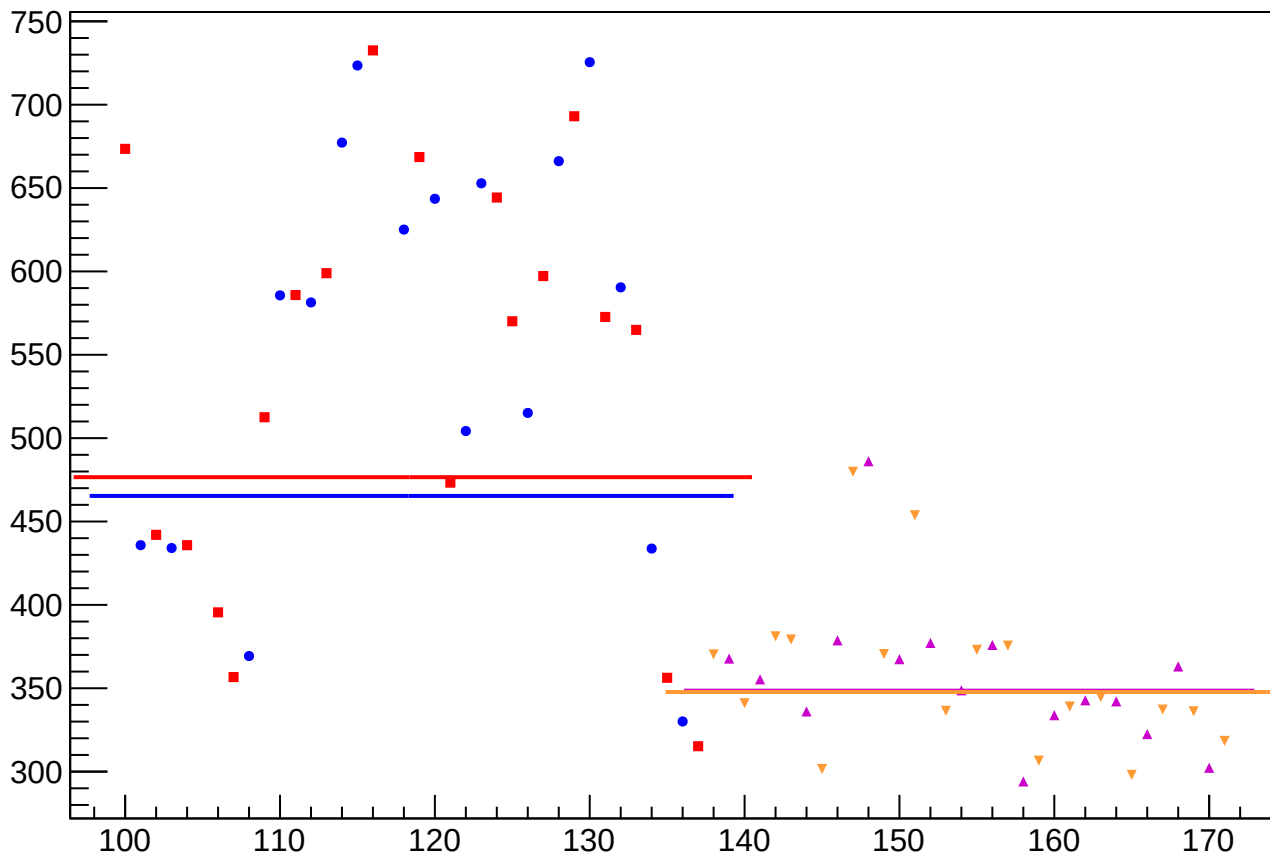
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 25.936 $\pm$ 87.407 χ^2 /NDF:45.9/32

Out: 39.105 $\pm$ 84.405 χ^2 /NDF:42.5/36

All: 32.750 $\pm$ 60.717 χ^2 /NDF: 88.4/69

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: 347.761 $\pm$ 0.067 χ^2/NDF :366633.5/17

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 348.547 $\pm$ 0.070 χ^2/NDF :274501.6/15

Left: 348.138 $\pm$ 0.048 χ^2/NDF : 641200.7/33

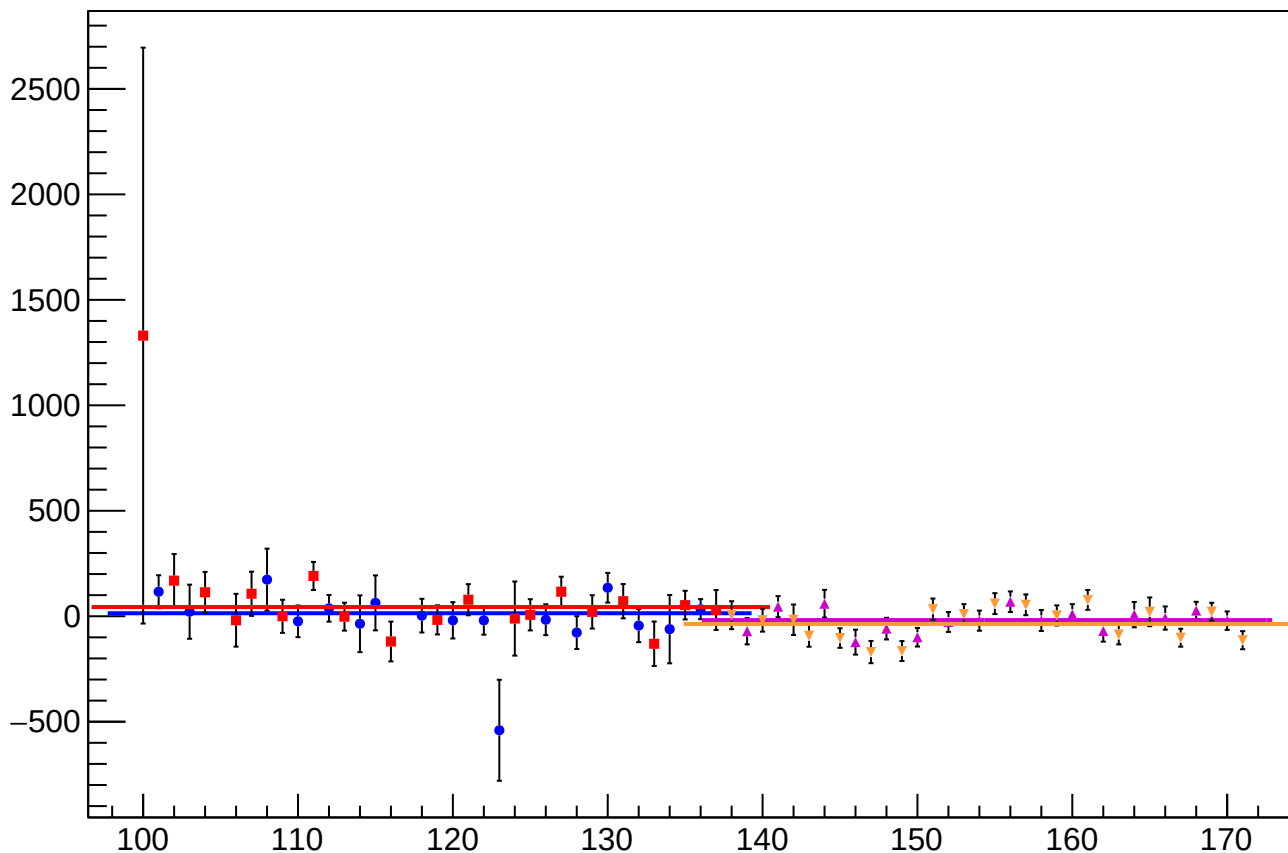
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 374.349 $\pm$ 0.062 χ^2/NDF :1749626.1/32

Out: 374.896 $\pm$ 0.060 χ^2/NDF :1894307.0/36

All: 374.632 $\pm$ 0.043 χ^2/NDF : 3643973.6/69

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -36.446 ± 11.731 $\chi^2/\text{NDF}: 43.5/17$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -18.132 ± 12.583 $\chi^2/\text{NDF}: 16.9/15$

Left: -27.929 ± 8.580 $\chi^2/\text{NDF}: 61.5/33$

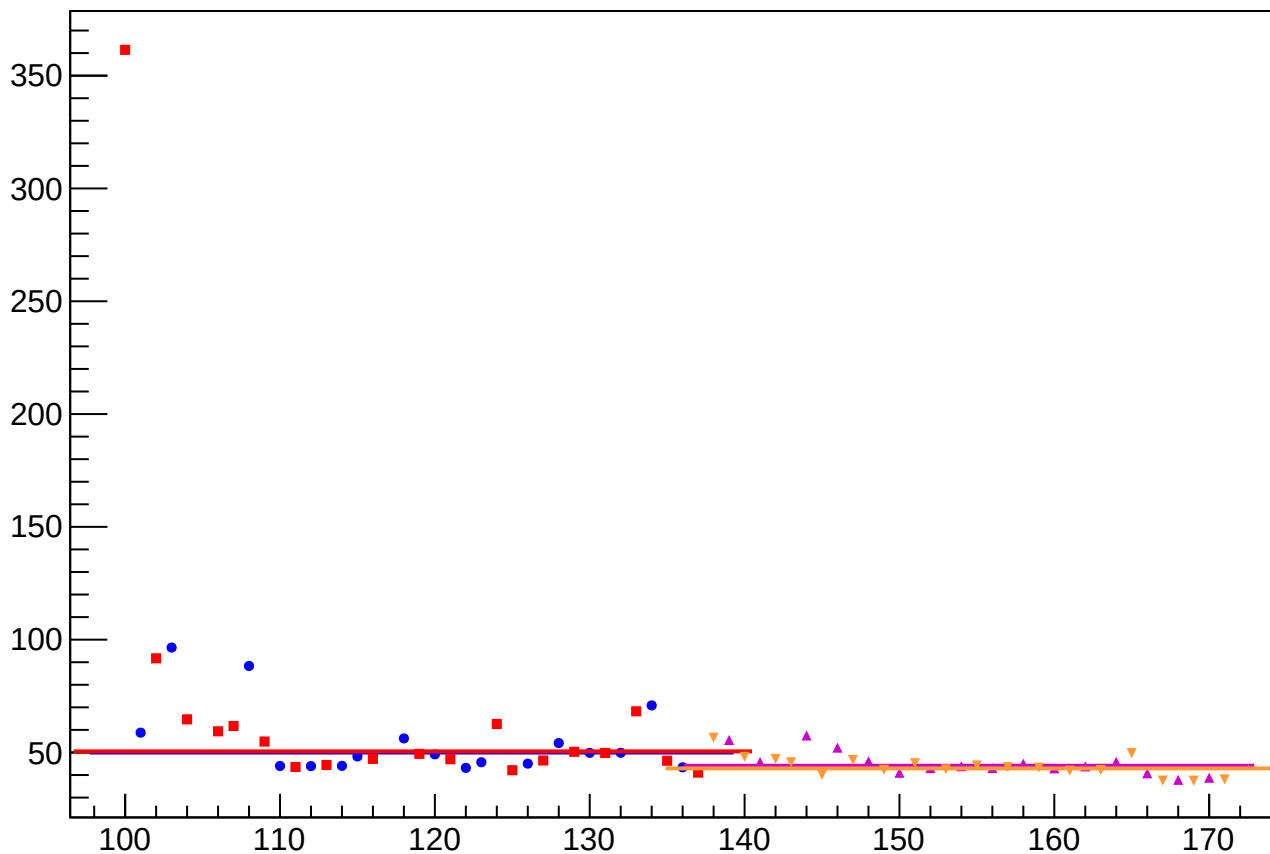
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -8.860 ± 10.630 $\chi^2/\text{NDF}: 33.6/32$

Out: -15.408 ± 10.072 $\chi^2/\text{NDF}: 72.8/36$

All: -12.310 ± 7.311 $\chi^2/\text{NDF}: 106.6/69$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 42.935 $\pm$ 0.008 χ^2 /NDF: 250879.1/17

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 44.108 $\pm$ 0.009 χ^2 /NDF: 290261.8/15

Left: 43.480 $\pm$ 0.006 χ^2 /NDF: 550427.9/33

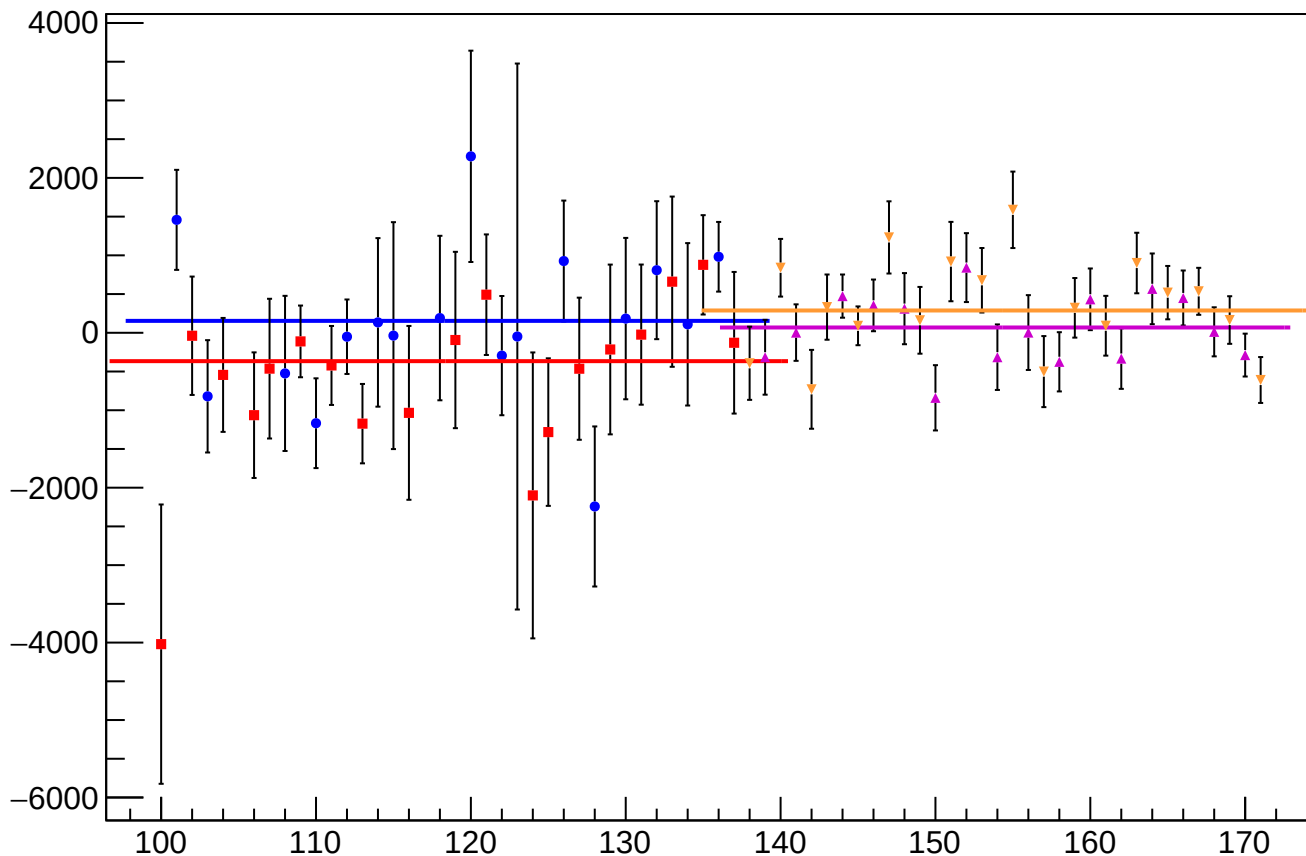
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 45.787 $\pm$ 0.008 χ^2 /NDF: 993438.6/32

Out: 44.916 $\pm$ 0.007 χ^2 /NDF: 1039137.9/36

All: 45.328 $\pm$ 0.005 χ^2 /NDF: 2039646.6/69

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 288.002 $\pm$ 88.797 χ^2 /NDF:38.6/17

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 68.435 $\pm$ 93.500 χ^2 /NDF:19.6/15

Left: 183.878 $\pm$ 64.387 χ^2 /NDF: 61.0/33

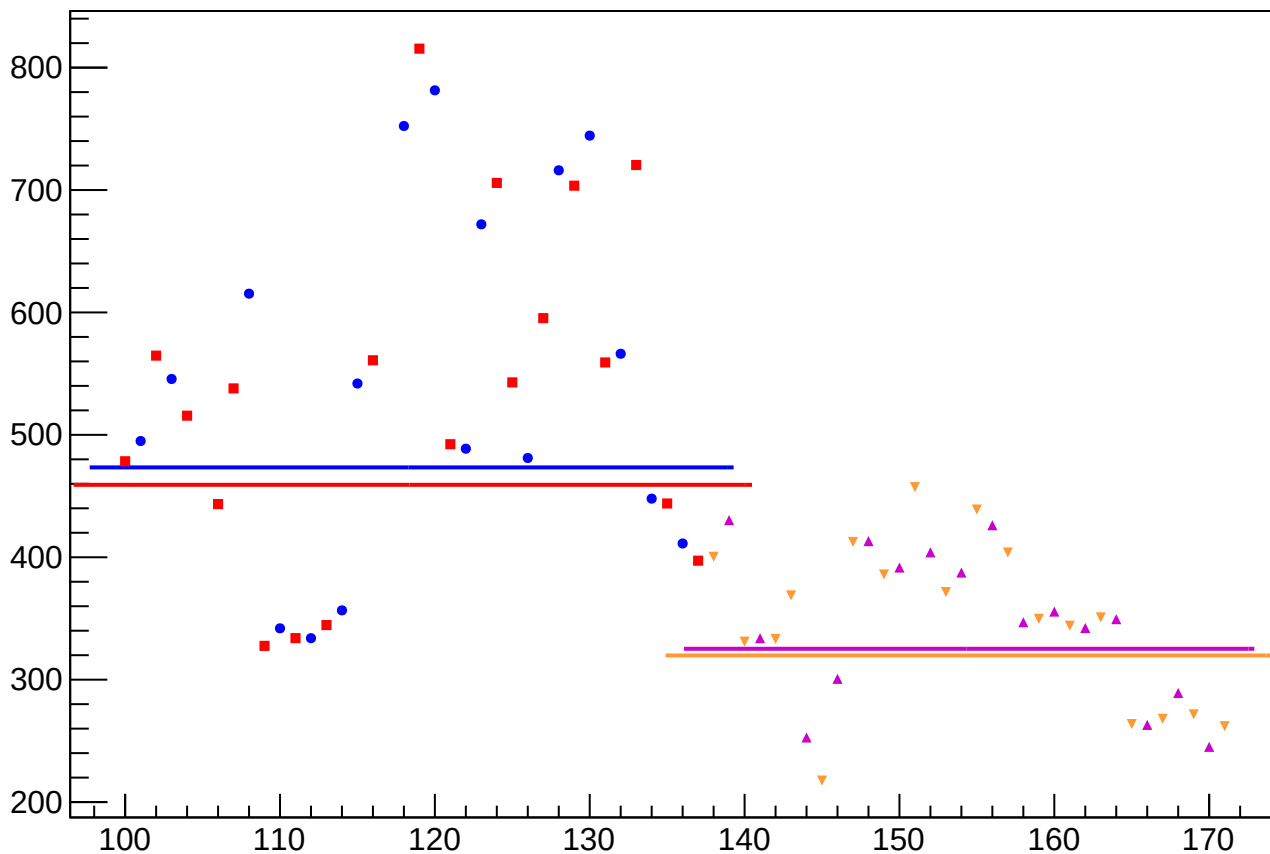
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 85.090 $\pm$ 83.889 χ^2 /NDF:44.5/32

Out: 158.682 $\pm$ 79.539 χ^2 /NDF:65.5/36

All: 123.843 $\pm$ 57.719 χ^2 /NDF: 110.4/69

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 319.800 $\pm$ 0.063 χ^2 /NDF: 1175572.0/17

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 325.245 $\pm$ 0.066 χ^2 /NDF: 840483.8/15

Left: 322.382 $\pm$ 0.046 χ^2 /NDF: 2019622.3/33

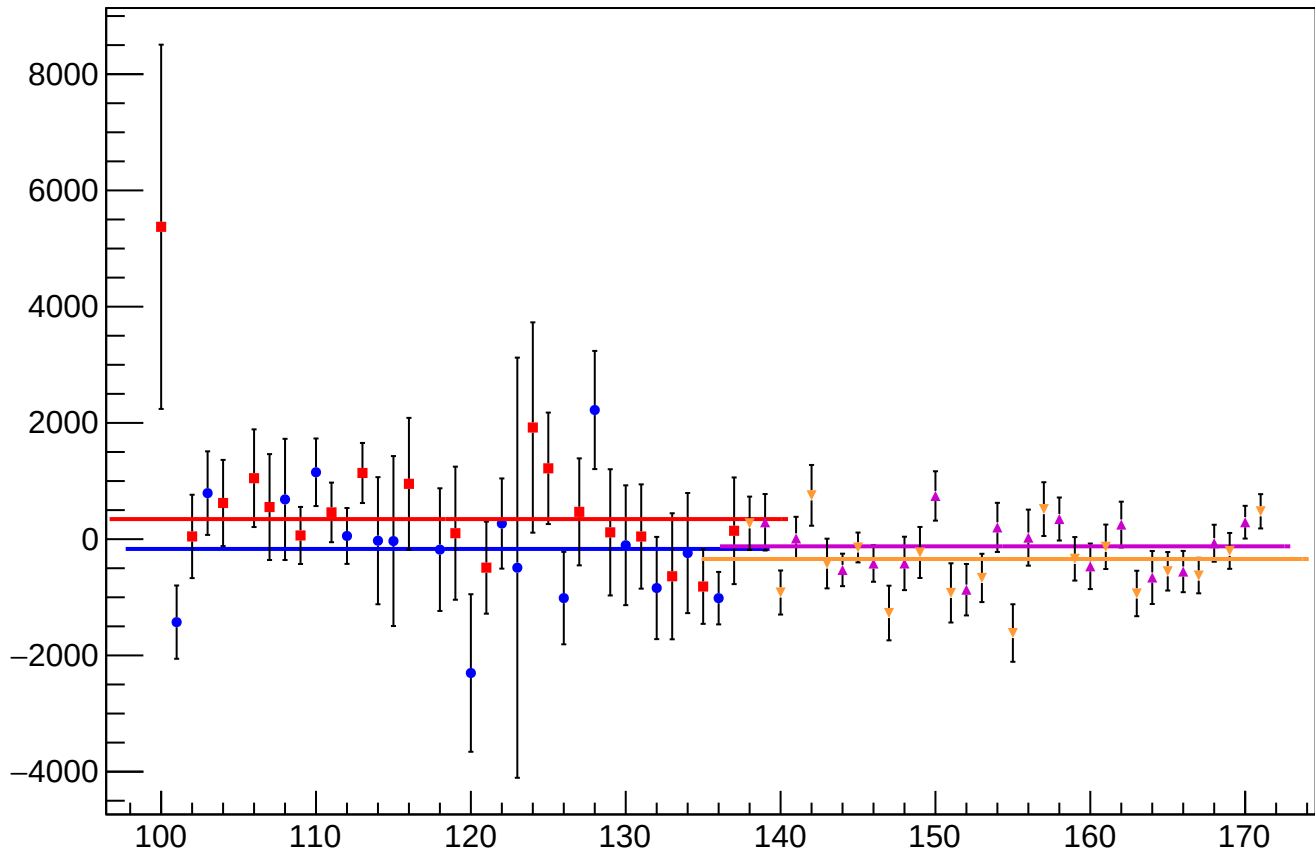
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 354.139 $\pm$ 0.059 χ^2 /NDF: 2734787.3/32

Out: 347.349 $\pm$ 0.056 χ^2 /NDF: 3156007.2/36

All: 350.563 $\pm$ 0.041 χ^2 /NDF: 5897694.8/69

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -341.086+/-88.938 χ^2/NDF :36.9/17

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -123.315+/-93.160 χ^2/NDF :20.3/15

Left: -237.247+/-64.330 χ^2/NDF : 60.1/33

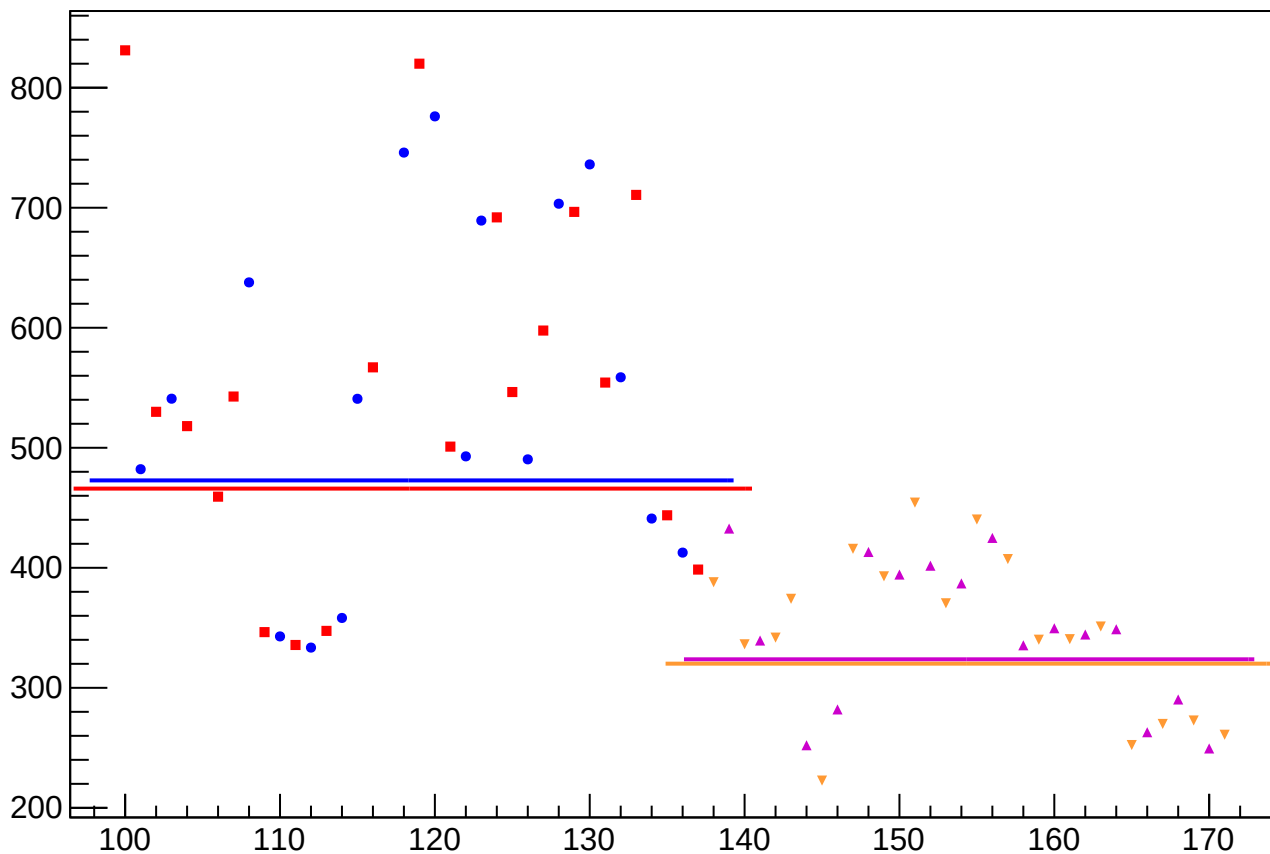
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -132.003+/-83.626 χ^2/NDF :45.8/32

Out: -207.860+/-79.844 χ^2/NDF :62.2/36

All: -171.685+/-57.749 χ^2/NDF : 108.4/69

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: 320.129 $\pm$ 0.063 χ^2 /NDF:1154147.0/17

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 323.750 $\pm$ 0.066 χ^2 /NDF:838808.3/15

Left: 321.856 $\pm$ 0.045 χ^2 /NDF: 1994536.0/33

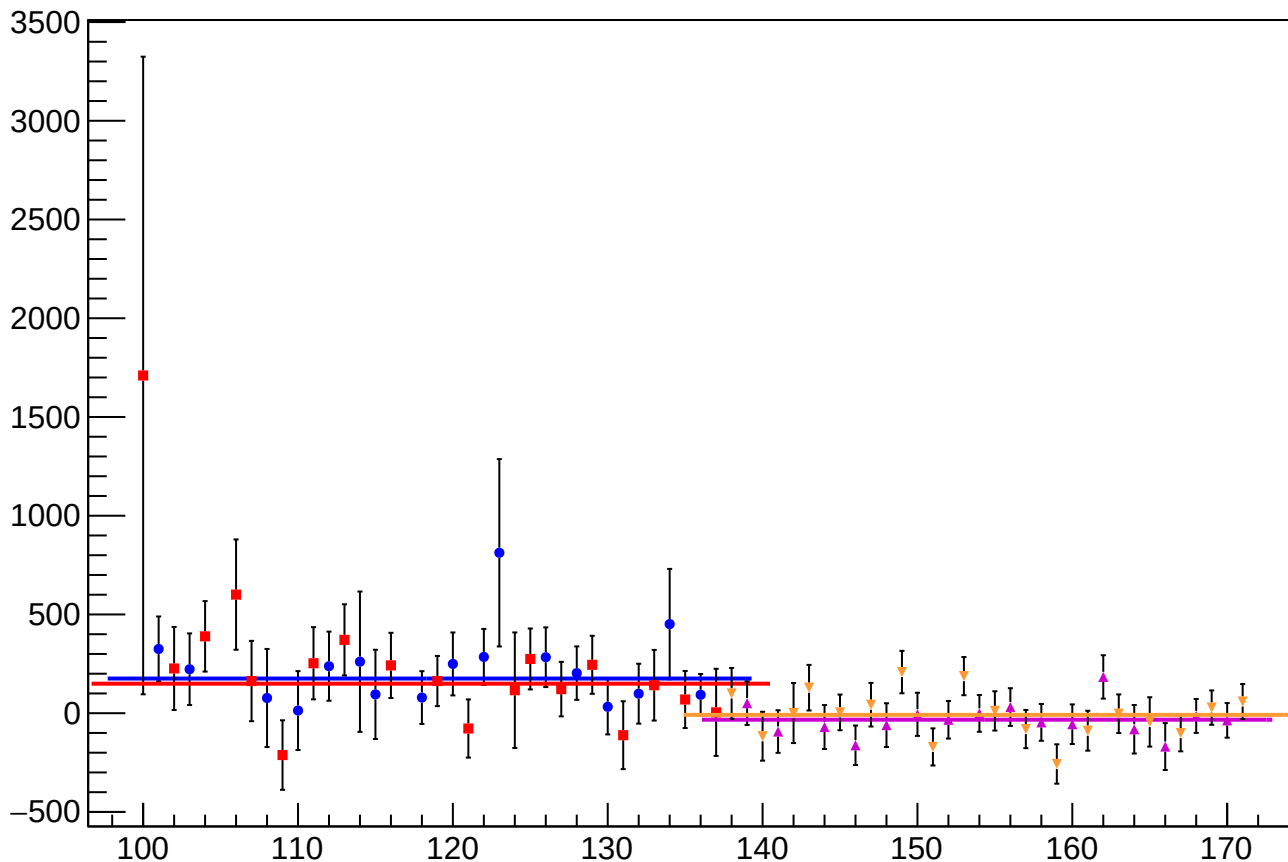
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 352.701 $\pm$ 0.059 χ^2 /NDF:2729734.7/32

Out: 348.432 $\pm$ 0.056 χ^2 /NDF:3139976.5/36

All: 350.468 $\pm$ 0.041 χ^2 /NDF: 5872437.9/69

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -8.550 ± 24.203 χ^2/NDF : 23.6/17

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -33.005 ± 25.404 χ^2/NDF : 8.8/15

Left: -20.186 ± 17.523 χ^2/NDF : 32.9/33

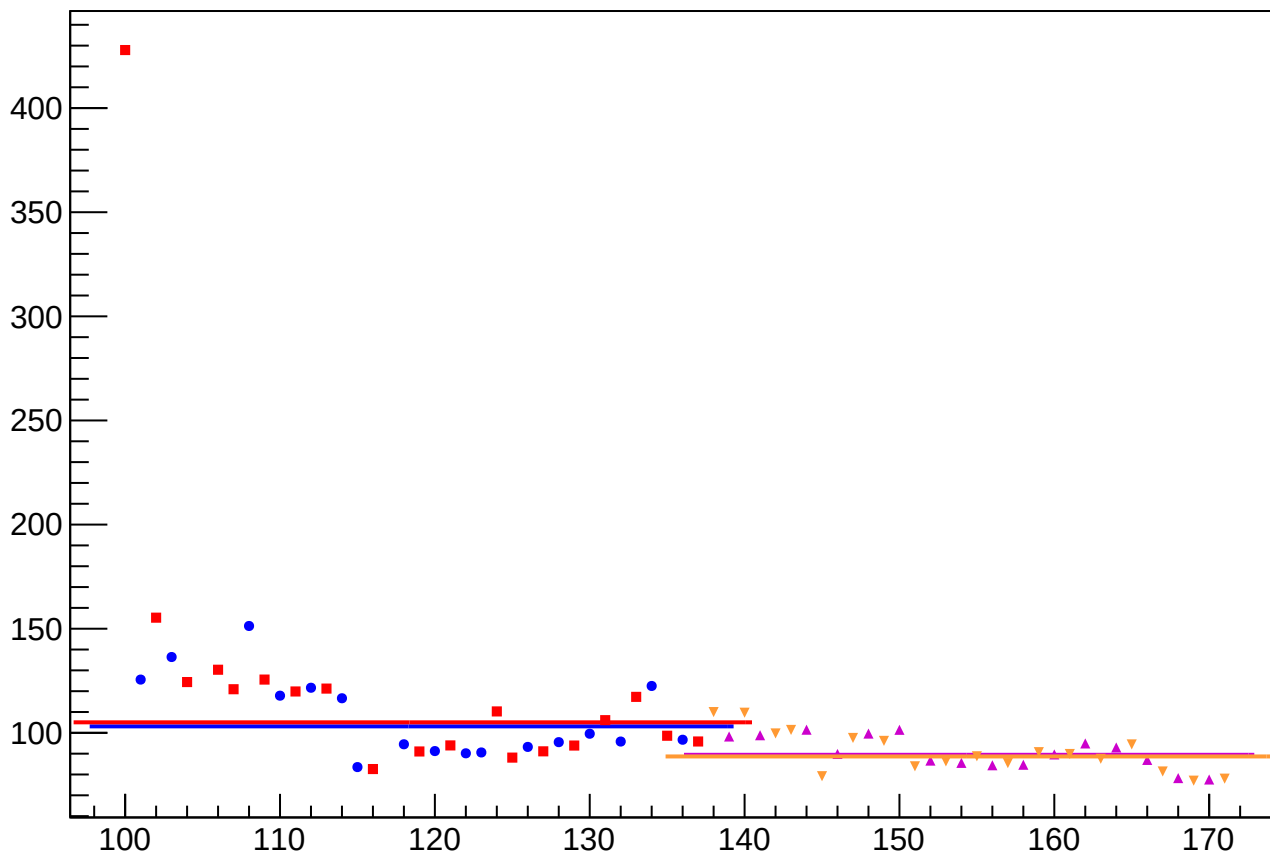
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 26.156 ± 21.499 χ^2/NDF : 36.6/32

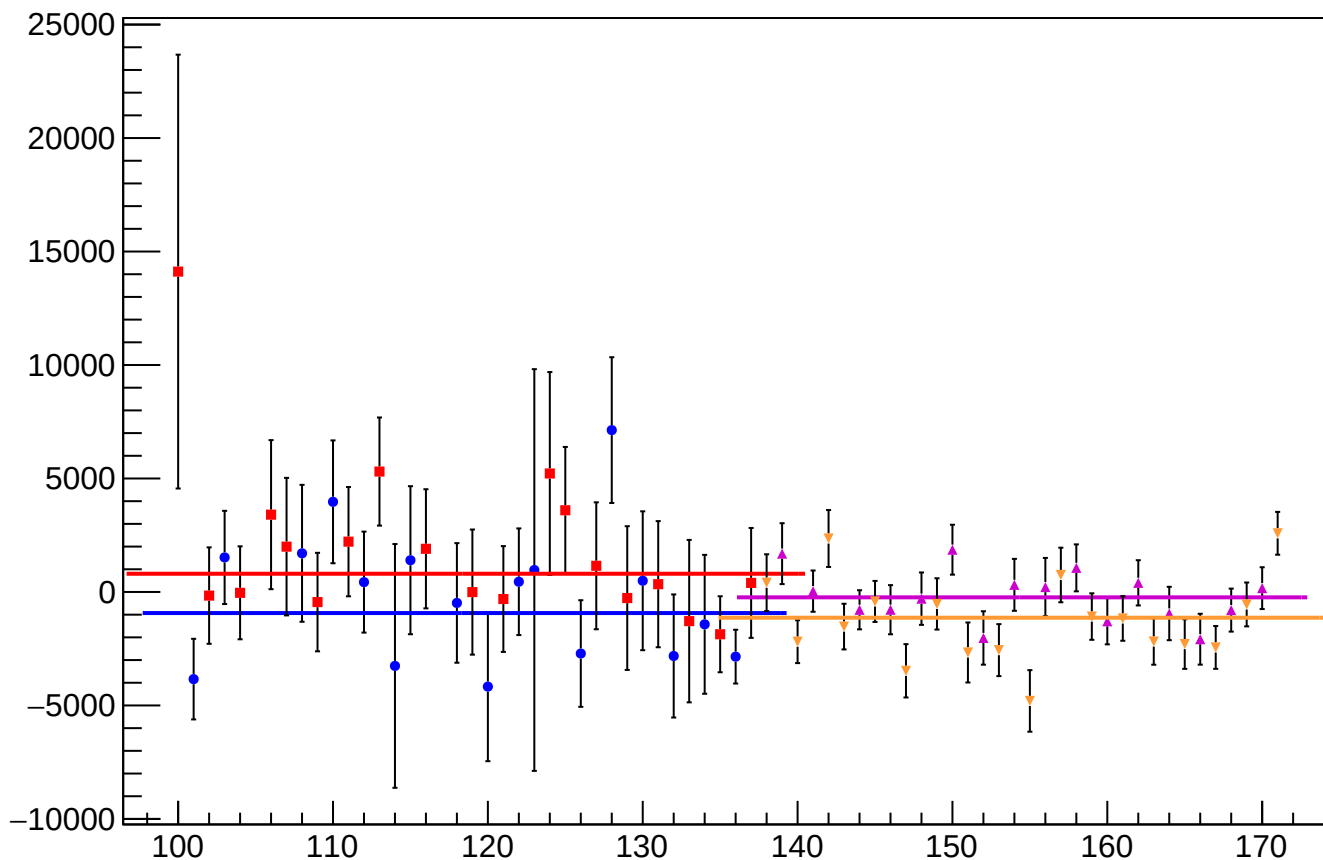
Out: 33.295 ± 20.751 χ^2/NDF : 53.3/36

All: 29.852 ± 14.931 χ^2/NDF : 89.9/69

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1134.030+/-251.695 χ^2/NDF : 48.2/17

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -236.744+/-263.956 χ^2/NDF : 15.8/15

Left: -706.712+/-182.156 χ^2/NDF : 70.1/33

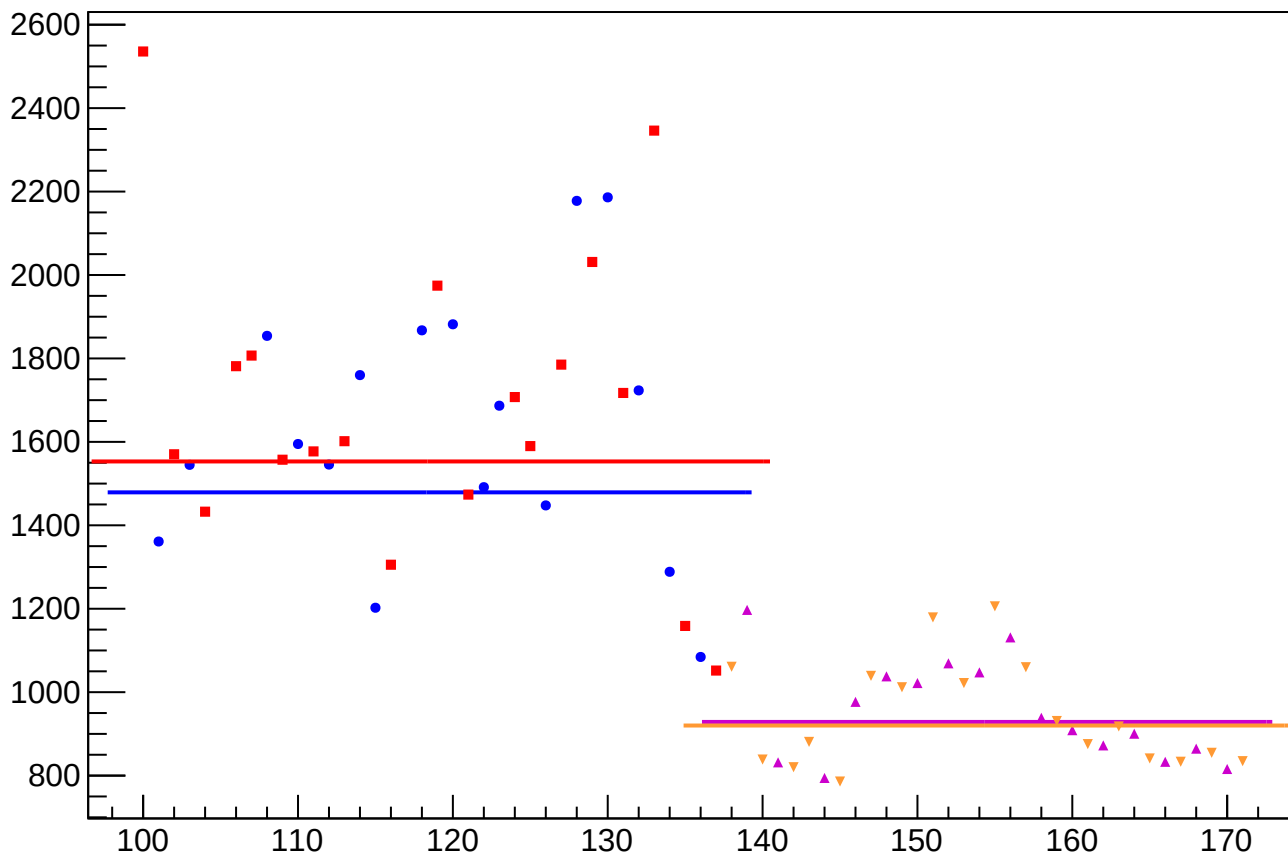
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -353.177+/-240.735 χ^2/NDF : 37.8/32

Out: -839.046+/-231.737 χ^2/NDF : 70.1/36

All: -605.361+/-166.953 χ^2/NDF : 110.1/69

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: 920.063 $\pm$ 0.178 χ^2 /NDF: 399415.0/17

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 928.658 $\pm$ 0.187 χ^2 /NDF: 349693.5/15

Left: 924.157 $\pm$ 0.129 χ^2 /NDF: 750219.1/33

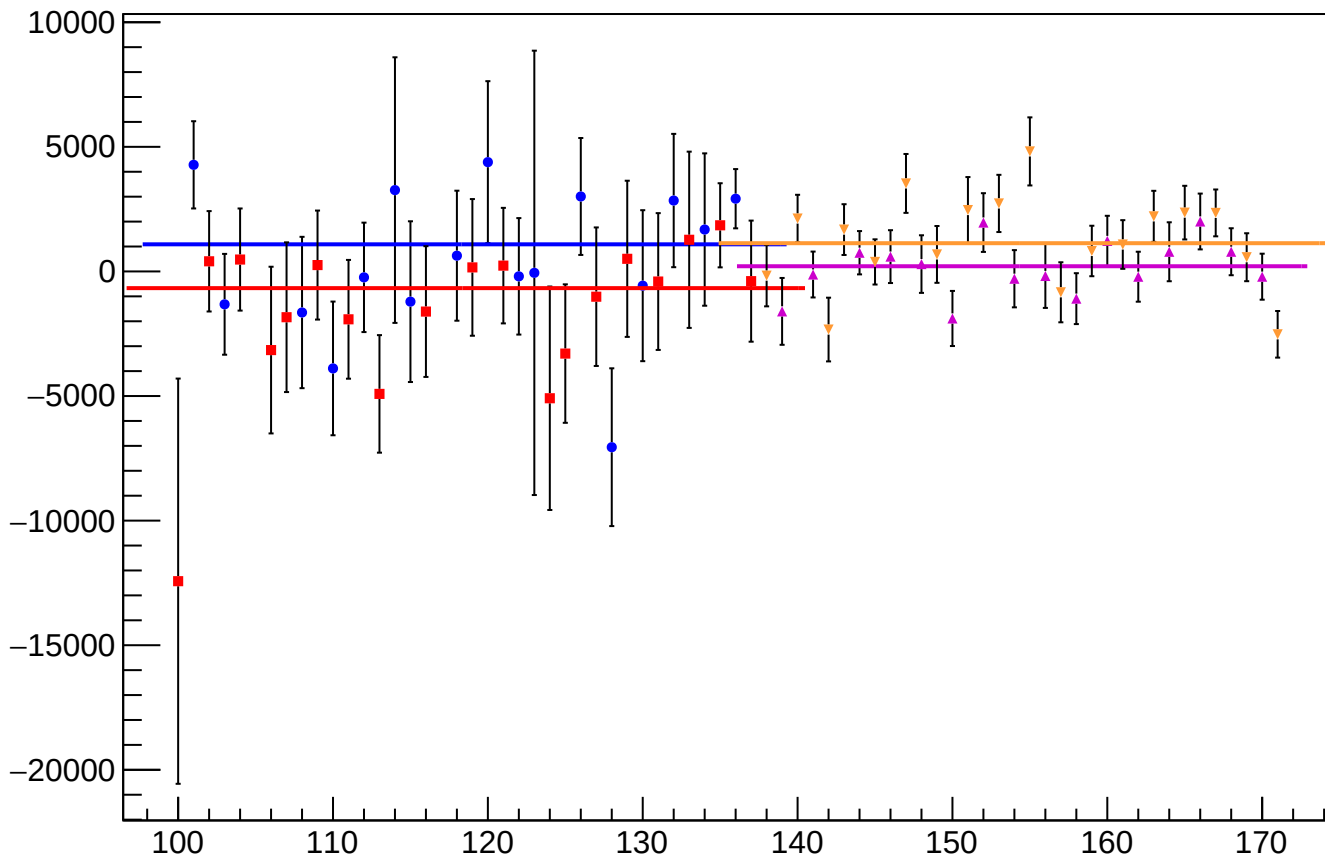
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 1021.229 $\pm$ 0.170 χ^2 /NDF: 2401713.3/32

Out: 1016.470 $\pm$ 0.164 χ^2 /NDF: 2809835.2/36

All: 1018.759 $\pm$ 0.118 χ^2 /NDF: 5211954.3/69

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: 1133.154 $\pm$ 251.669 χ^2 /NDF: 47.5/17

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 208.531 $\pm$ 263.975 χ^2 /NDF: 14.8/15

Left: 692.896 $\pm$ 182.152 χ^2 /NDF: 68.7/33

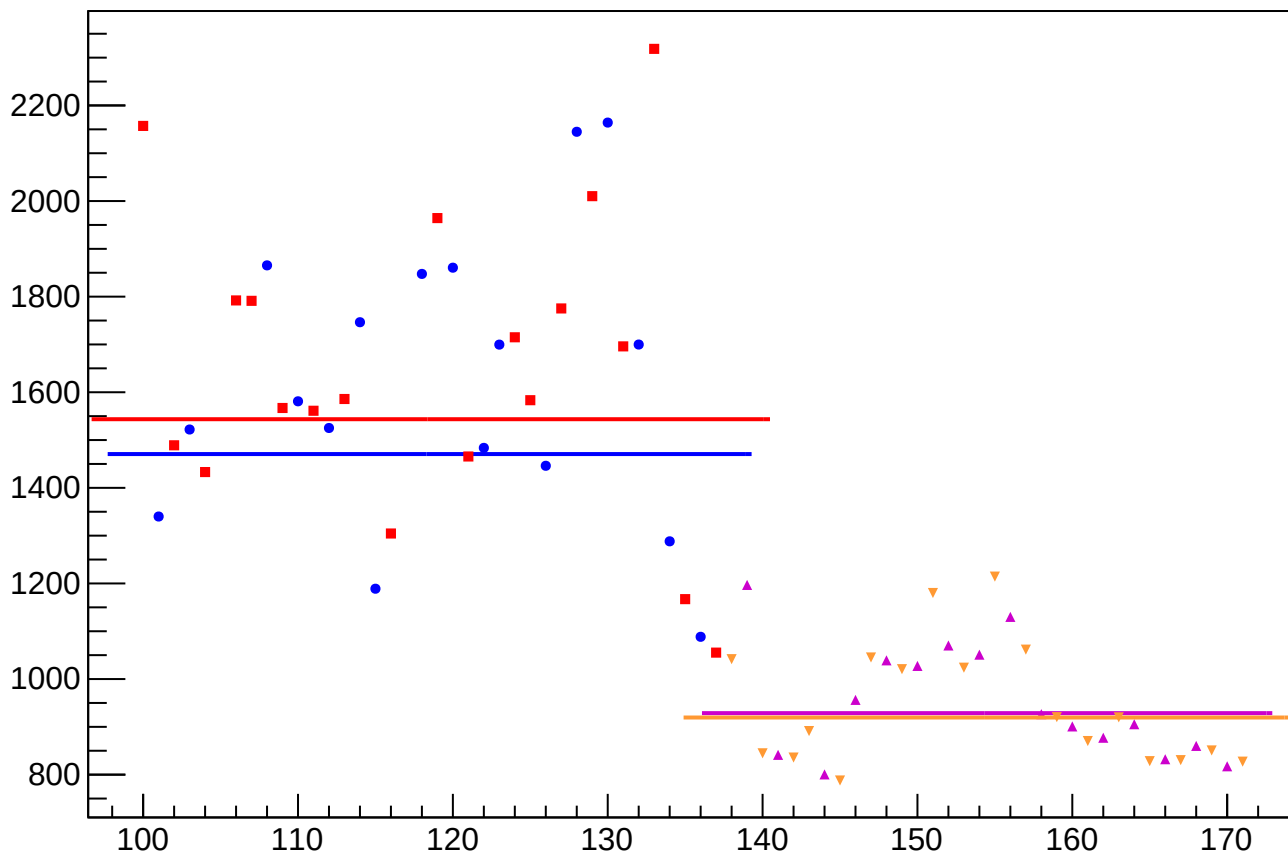
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 358.019 $\pm$ 240.496 χ^2 /NDF: 38.5/32

Out: 855.539 $\pm$ 231.488 χ^2 /NDF: 67.4/36

All: 616.271 $\pm$ 166.780 χ^2 /NDF: 108.1/69

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: 919.531 $\pm$ 0.178 χ^2 /NDF: 404724.1/17

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 928.693 $\pm$ 0.187 χ^2 /NDF: 339958.2/15

Left: 923.894 $\pm$ 0.129 χ^2 /NDF: 745944.6/33

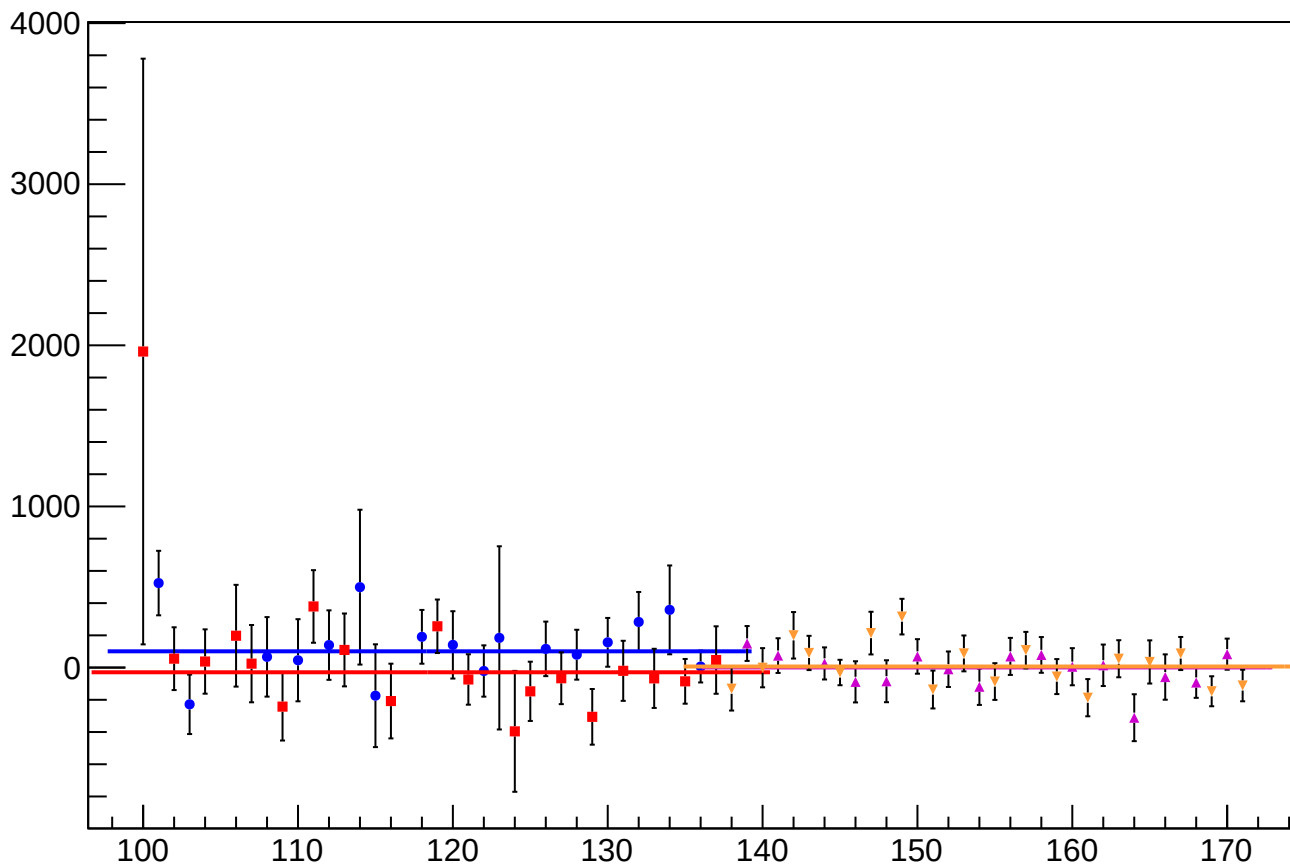
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1020.819 $\pm$ 0.170 χ^2 /NDF: 2340790.4/32

Out: 1015.602 $\pm$ 0.164 χ^2 /NDF: 2752137.5/36

All: 1018.111 $\pm$ 0.118 χ^2 /NDF: 5093416.5/69

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: 6.544 $\pm$ 26.069 χ^2 /NDF:25.6/17

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 0.884 $\pm$ 28.300 χ^2 /NDF:12.2/15

Left: 3.946 $\pm$ 19.174 χ^2 /NDF: 37.8/33

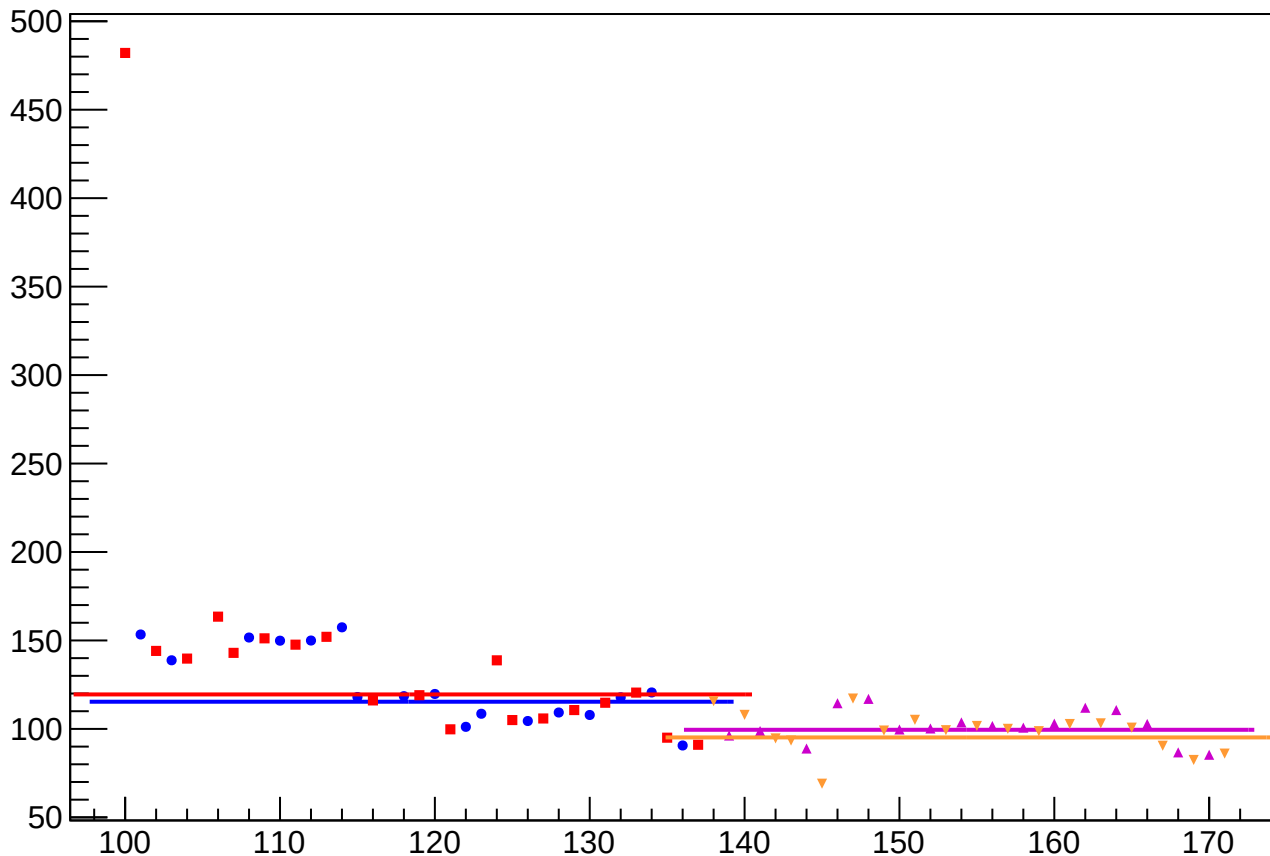
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 28.981 $\pm$ 23.999 χ^2 /NDF:28.7/32

Out: -2.221 $\pm$ 22.643 χ^2 /NDF:40.8/36

All: 12.474 $\pm$ 16.470 χ^2 /NDF: 70.4/69

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.188 $\pm$ 0.018 χ^2 /NDF: 455451.2/17

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 99.502 $\pm$ 0.020 χ^2 /NDF: 204048.3/15

Left: 97.168 $\pm$ 0.014 χ^2 /NDF: 684645.3/33

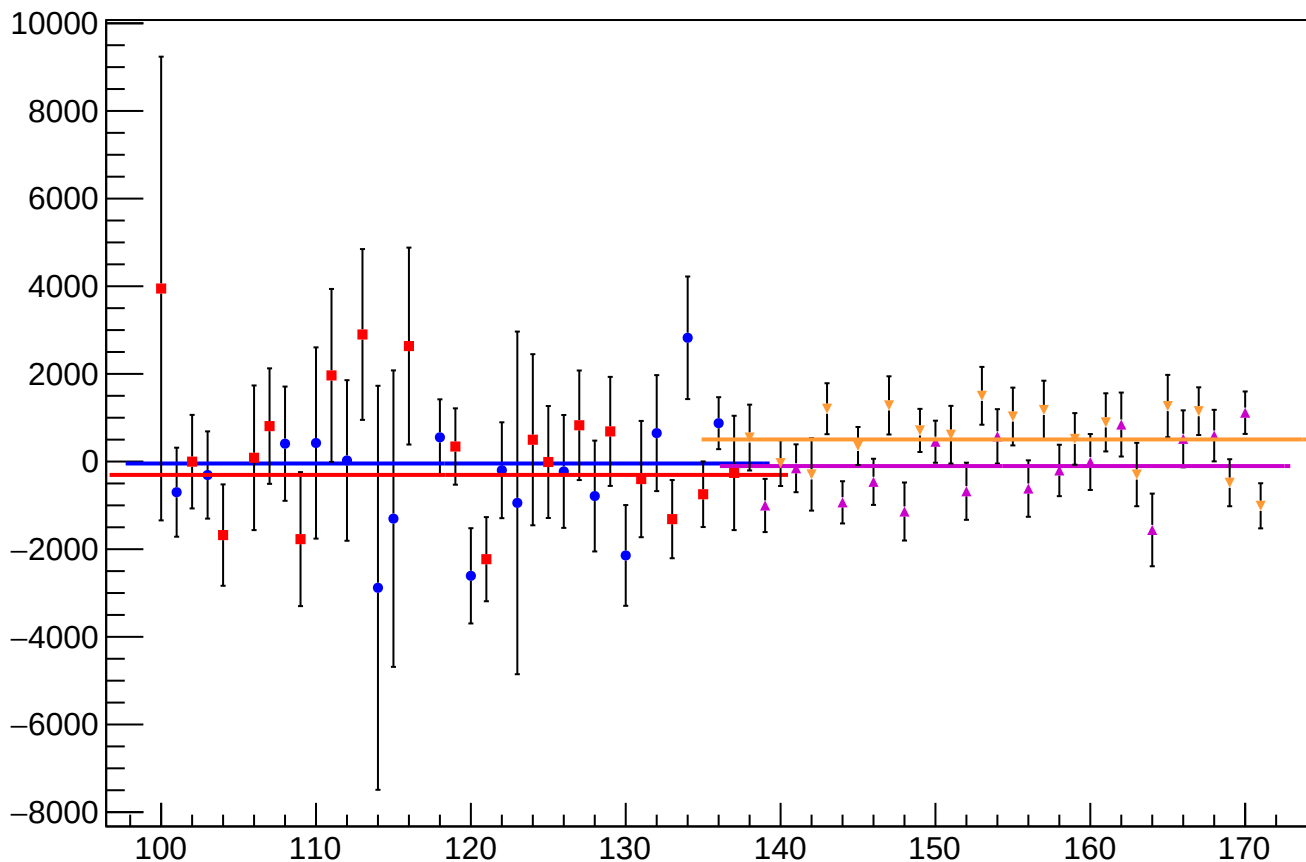
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 103.958 $\pm$ 0.017 χ^2 /NDF: 791928.7/32

Out: 101.156 $\pm$ 0.016 χ^2 /NDF: 1360271.8/36

All: 102.475 $\pm$ 0.012 χ^2 /NDF: 2166628.5/69

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: 504.342 ± 140.859 $\chi^2/\text{NDF}: 25.2/17$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -102.930 ± 147.132 $\chi^2/\text{NDF}: 25.5/15$

Left: 213.928 ± 101.748 $\chi^2/\text{NDF}: 59.6/33$

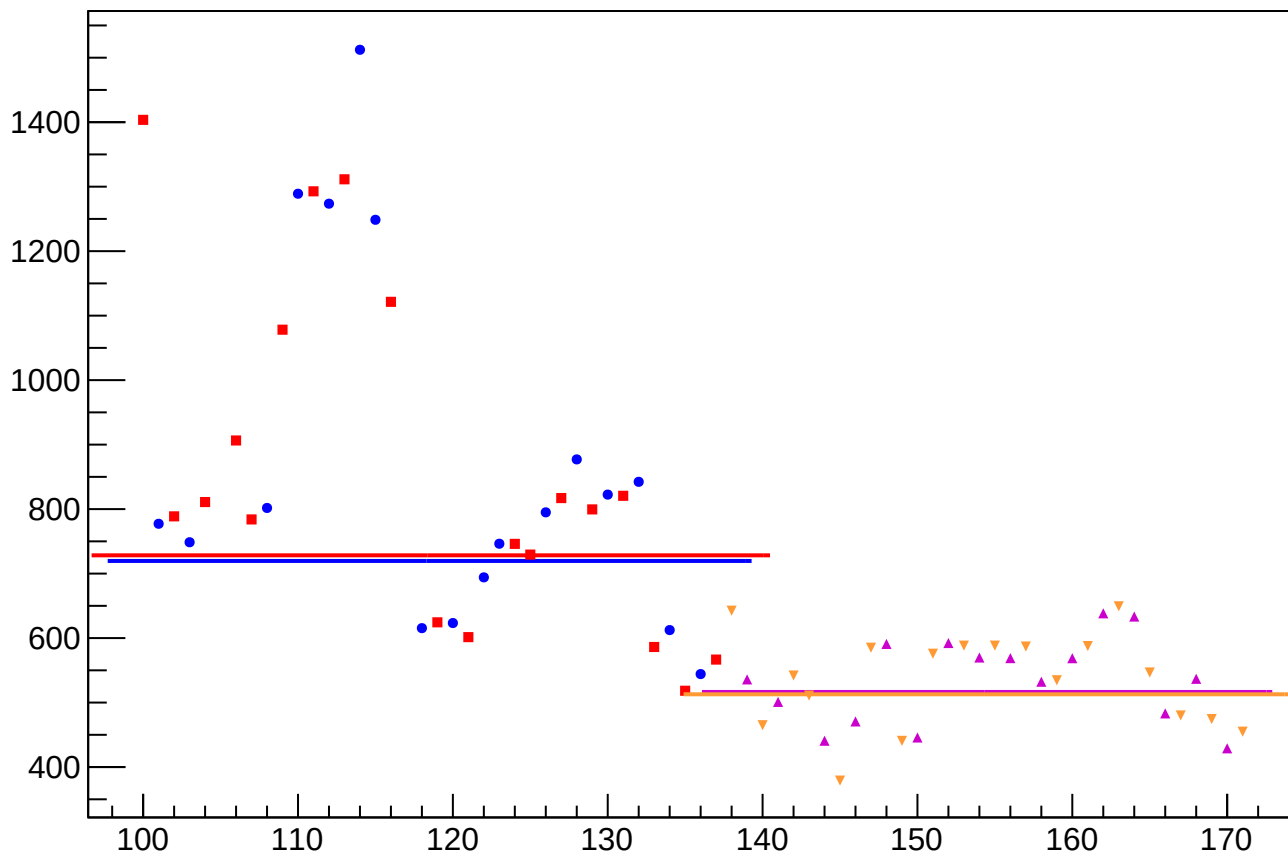
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -90.733 ± 130.861 $\chi^2/\text{NDF}: 43.4/32$

Out: 343.421 ± 126.076 $\chi^2/\text{NDF}: 49.2/36$

All: 134.427 ± 90.794 $\chi^2/\text{NDF}: 98.3/69$

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: 512.839 $\pm$ 0.100 χ^2 /NDF: 578507.9/17

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 516.446 $\pm$ 0.104 χ^2 /NDF: 375157.8/15

Left: 514.564 $\pm$ 0.072 χ^2 /NDF: 954292.7/33

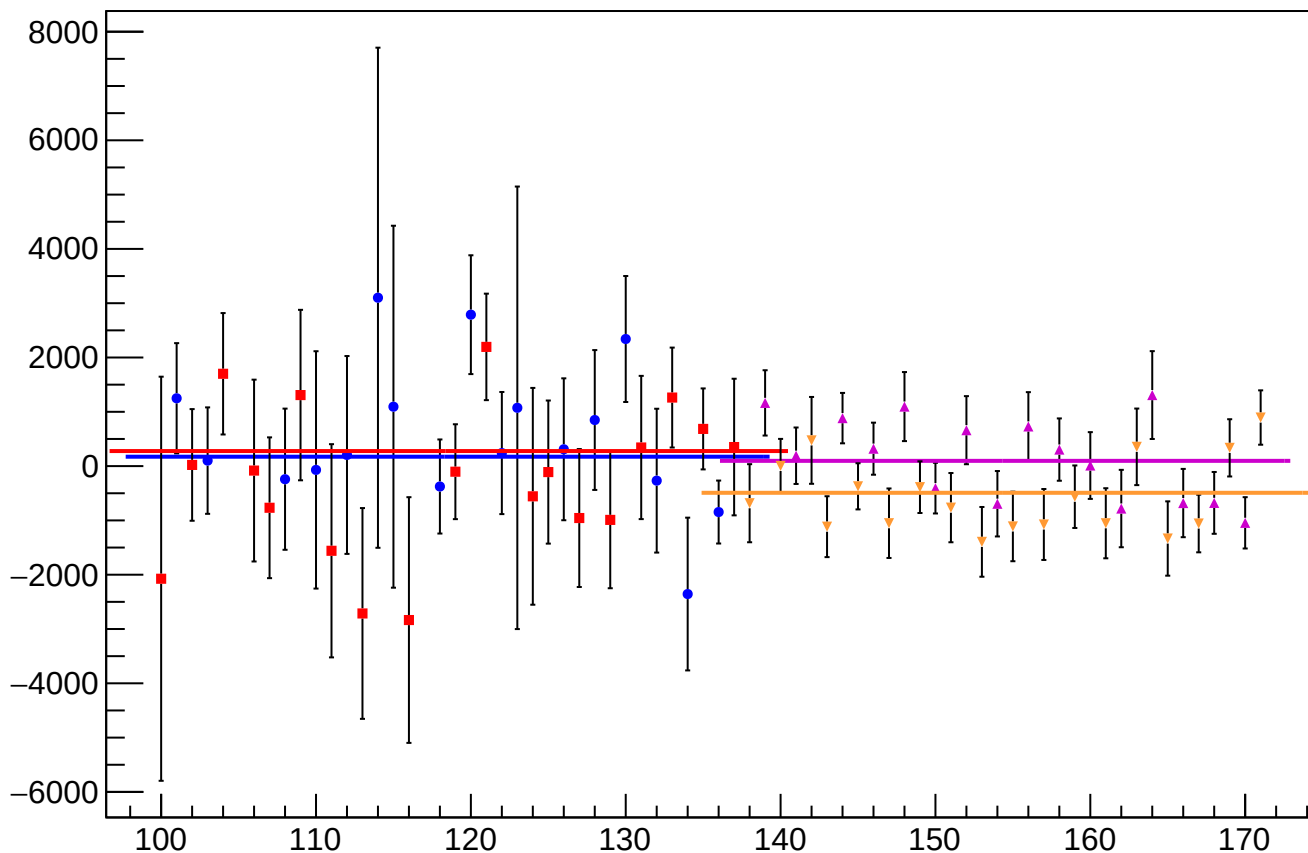
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 558.895 $\pm$ 0.093 χ^2 /NDF: 1918853.4/32

Out: 555.696 $\pm$ 0.089 χ^2 /NDF: 2423096.2/36

All: 557.236 $\pm$ 0.064 χ^2 /NDF: 4342569.3/69

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: -491.493 $\pm$ 136.737 χ^2 /NDF:23.5/17

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 96.750 $\pm$ 141.985 χ^2 /NDF:26.6/15

Left: -208.445 $\pm$ 98.491 χ^2 /NDF: 59.0/33

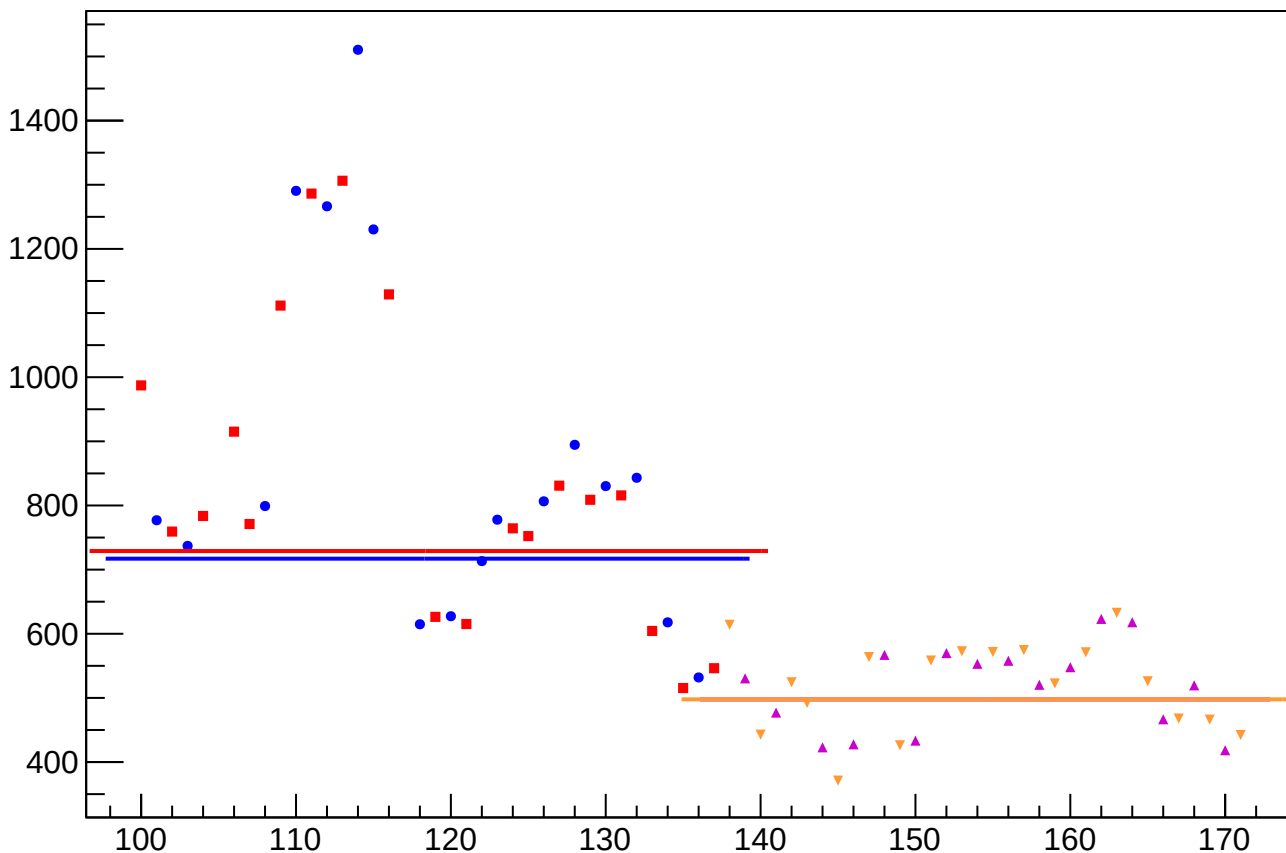
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 111.891 $\pm$ 127.147 χ^2 /NDF:44.7/32

Out: -345.786 $\pm$ 123.096 χ^2 /NDF:45.6/36

All: -124.354 $\pm$ 88.439 χ^2 /NDF: 97.0/69

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: 497.778 $\pm$ 0.097 χ^2 /NDF: 567245.5/17

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 497.588 $\pm$ 0.100 χ^2 /NDF: 413893.6/15

Left: 497.687 $\pm$ 0.070 χ^2 /NDF: 981141.0/33

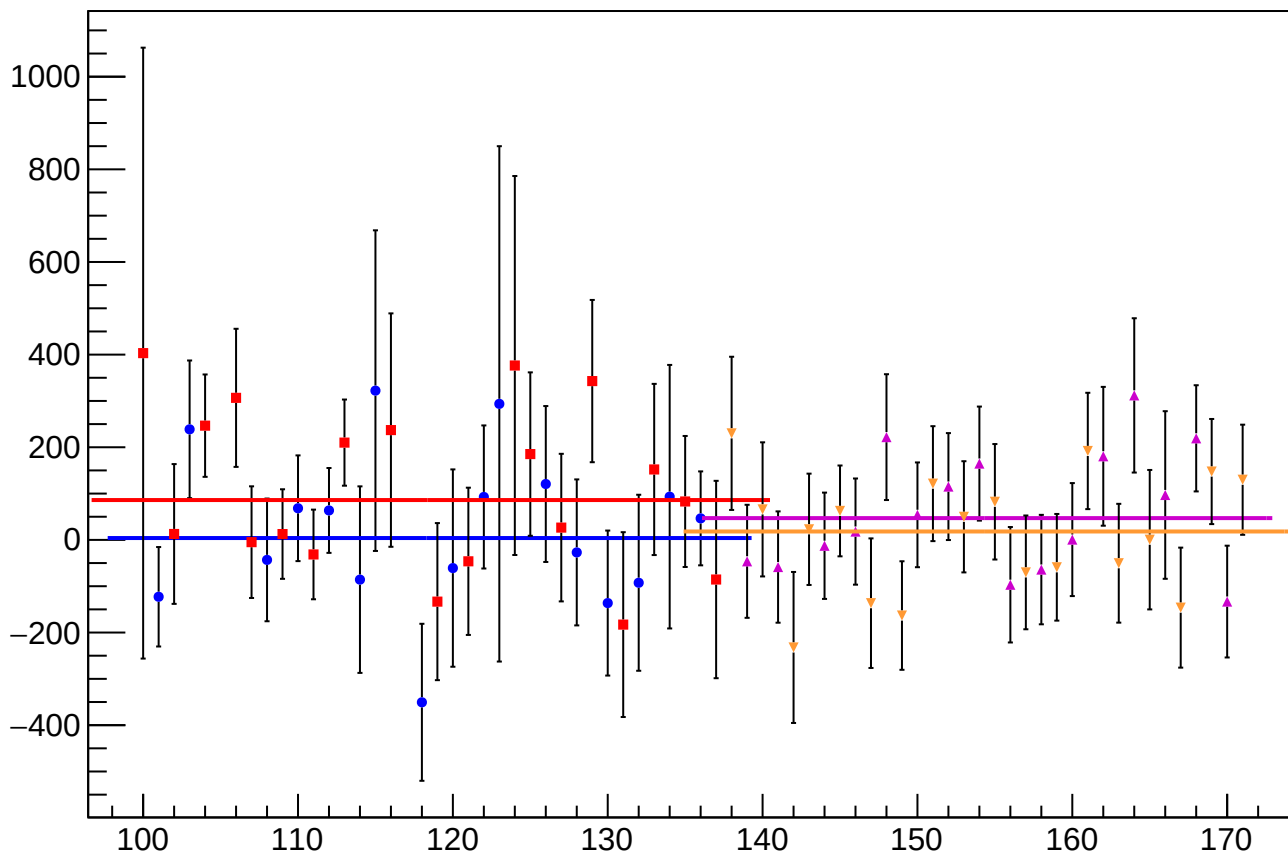
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 541.069 $\pm$ 0.090 χ^2 /NDF: 2143157.8/32

Out: 541.607 $\pm$ 0.087 χ^2 /NDF: 2541985.1/36

All: 541.347 $\pm$ 0.063 χ^2 /NDF: 4685161.5/69

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011+/-35.950 χ^2/NDF : 12.7/16

Left Out: 18.166+/-29.669 χ^2/NDF : 15.9/17

Right Out: 86.020+/-33.370 χ^2/NDF : 17.6/18

Left In: 47.031+/-31.295 χ^2/NDF : 14.9/15

Left: 31.830+/-21.531 χ^2/NDF : 31.3/33

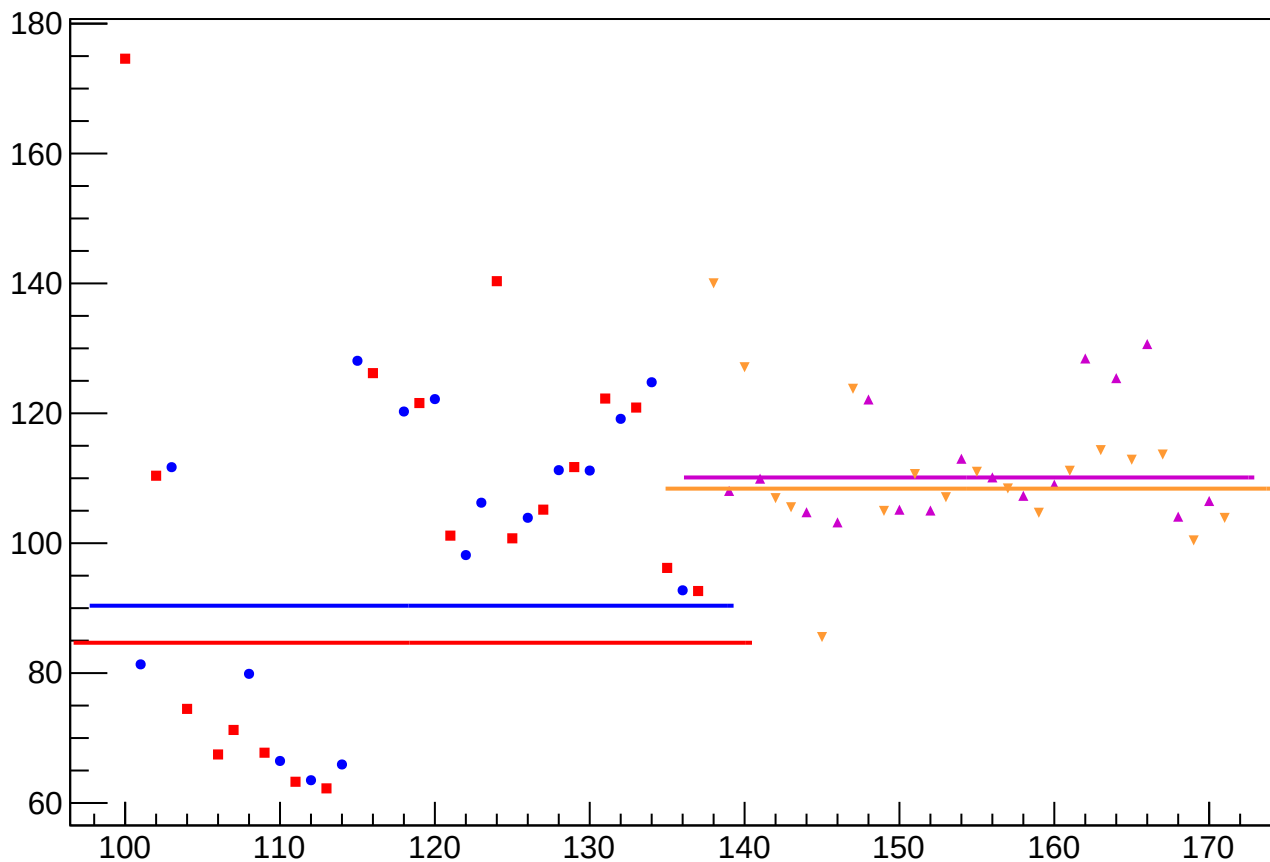
Right: 48.064+/-24.458 χ^2/NDF : 33.1/35

In: 28.485+/-23.604 χ^2/NDF : 28.4/32

Out: 48.123+/-22.173 χ^2/NDF : 35.8/36

All: 38.918+/-16.161 χ^2/NDF : 64.6/69

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.402+/-0.021 χ^2/NDF : 269111.4/17

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 110.121+/-0.022 χ^2/NDF : 117879.0/15

Left: 109.216+/-0.015 χ^2/NDF : 390167.5/33

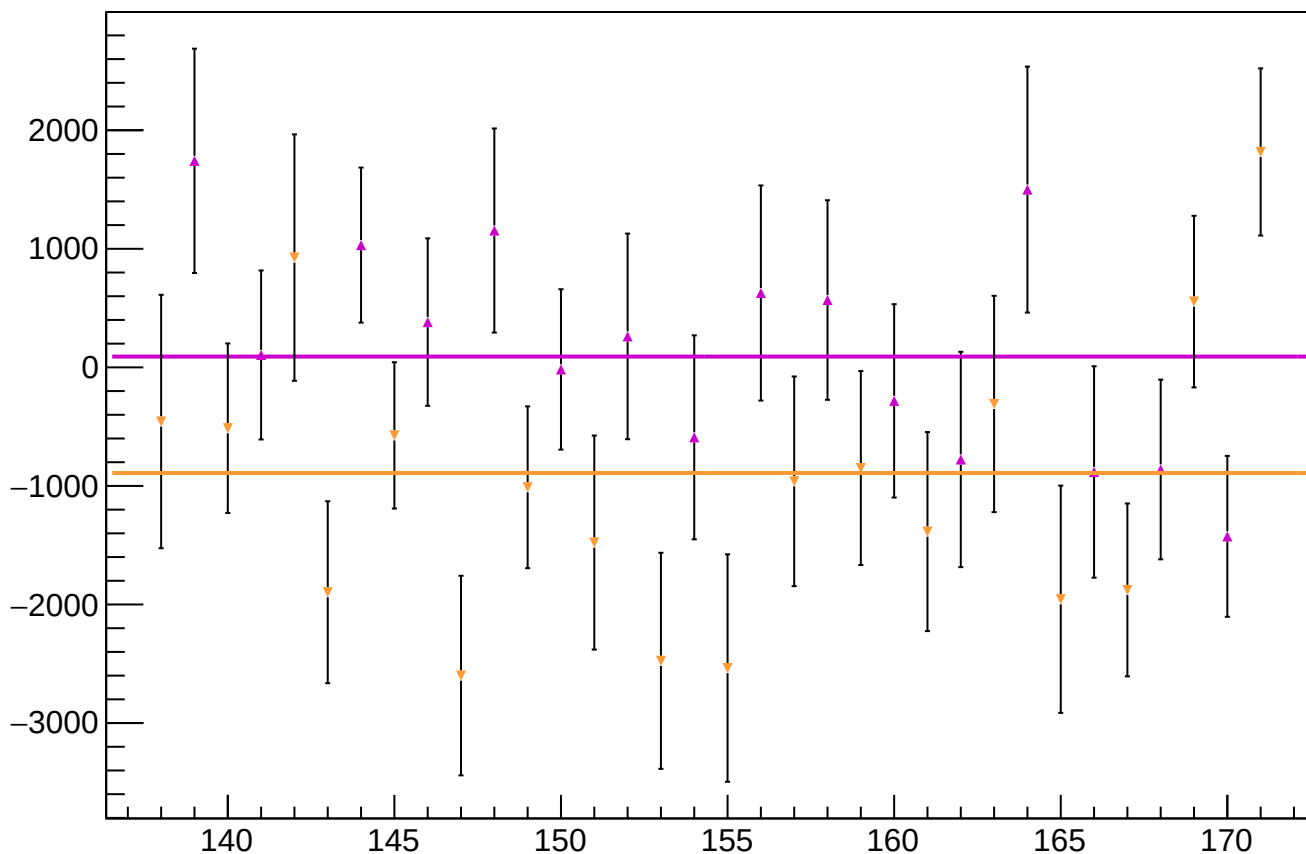
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 101.609+/-0.017 χ^2/NDF : 1115276.2/32

Out: 97.926+/-0.016 χ^2/NDF : 1742068.8/36

All: 99.652+/-0.011 χ^2/NDF : 2883208.3/69

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -890.844+/-190.876 χ^2/NDF :38.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 91.044+/-199.646 χ^2/NDF :18.9/15

Left: -421.940+/-137.966 χ^2/NDF : 70.1/33

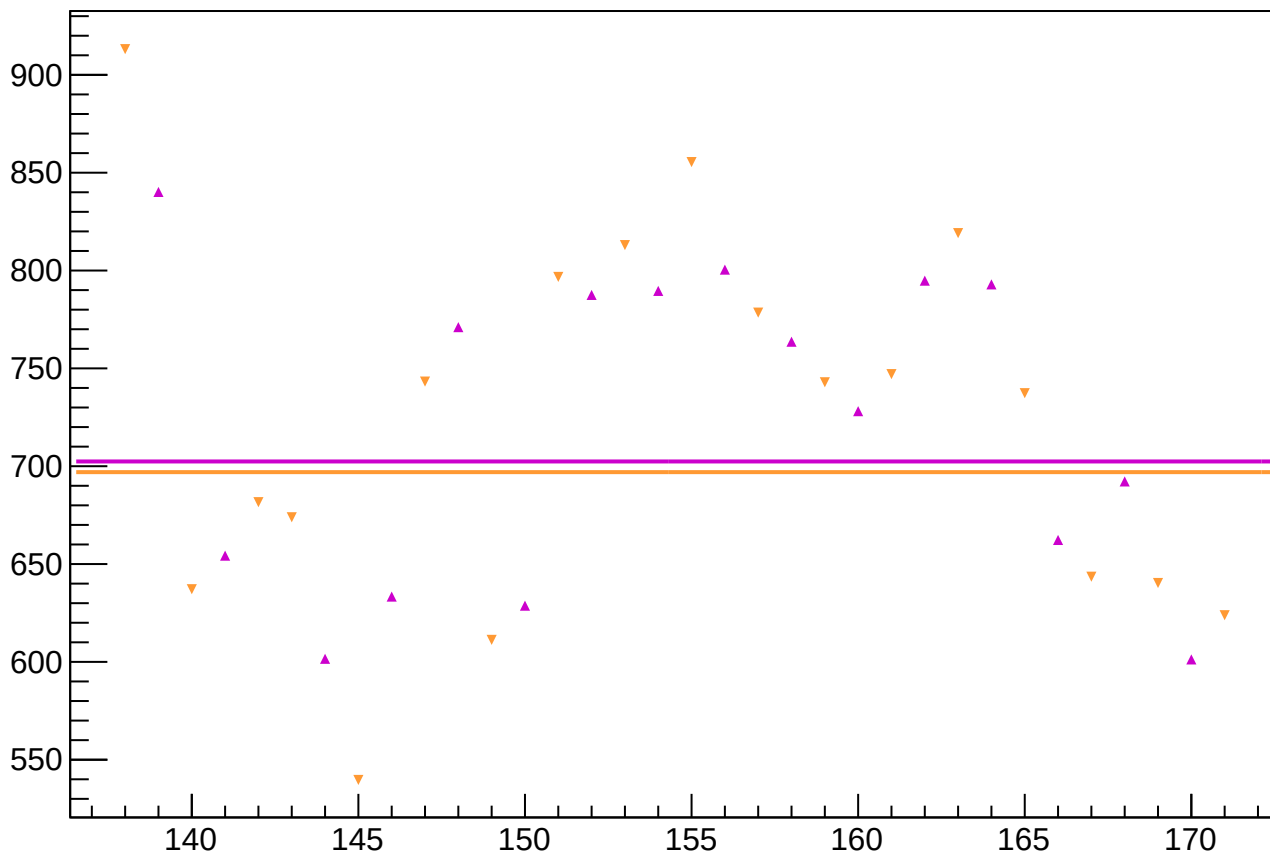
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.044+/-199.646 χ^2/NDF :18.9/15

Out: -890.844+/-190.876 χ^2/NDF :38.6/17

All: -421.940+/-137.966 χ^2/NDF : 70.1/33

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 696.971+/-0.135 χ^2/NDF :491459.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 702.427+/-0.141 χ^2/NDF :315187.6/15

Left: 699.576+/-0.098 χ^2/NDF : 807427.2/33

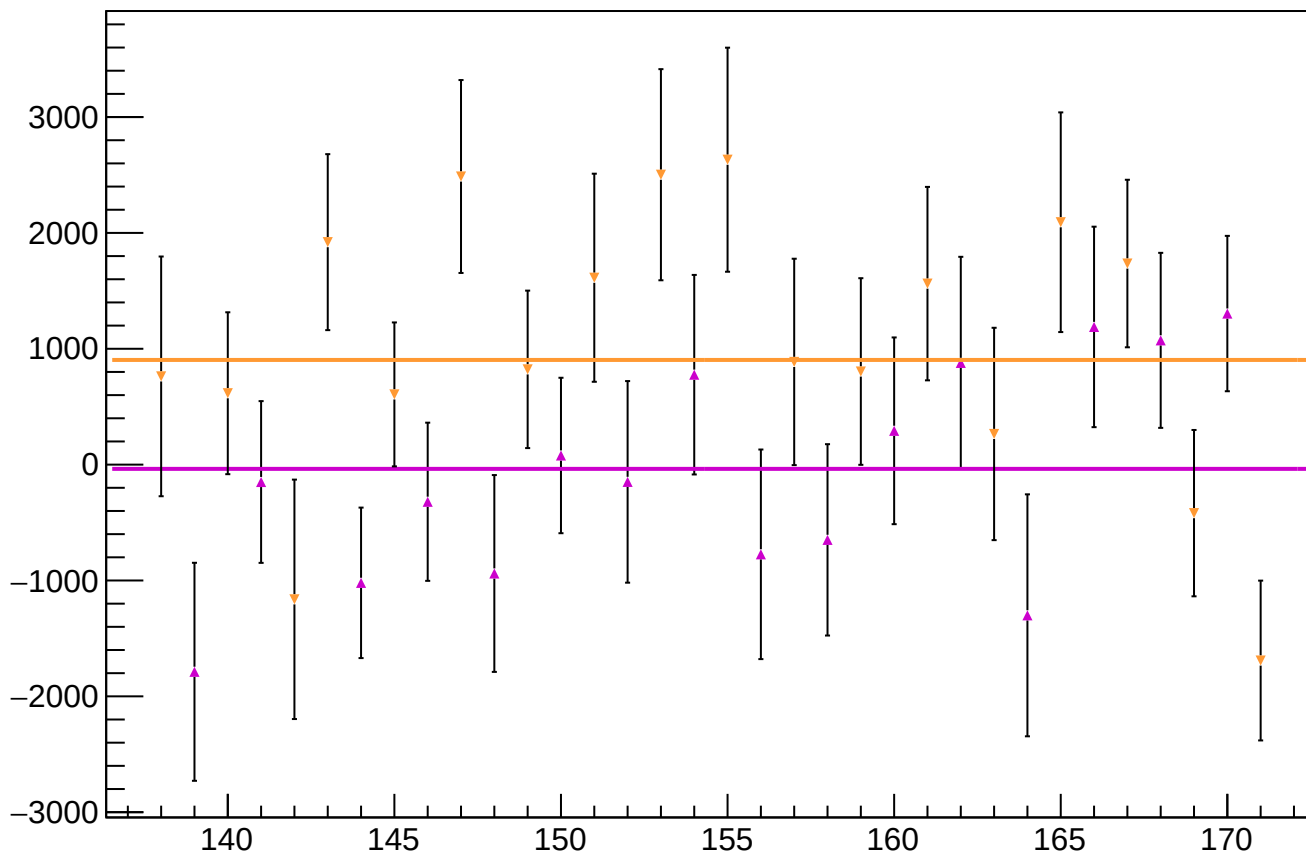
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 702.427+/-0.141 χ^2/NDF :315187.6/15

Out: 696.971+/-0.135 χ^2/NDF :491459.4/17

All: 699.576+/-0.098 χ^2/NDF : 807427.2/33

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 903.597+/-189.448 χ^2/NDF :38.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.585+/-197.539 χ^2/NDF :20.0/15

Left: 453.155+/-136.731 χ^2/NDF : 70.1/33

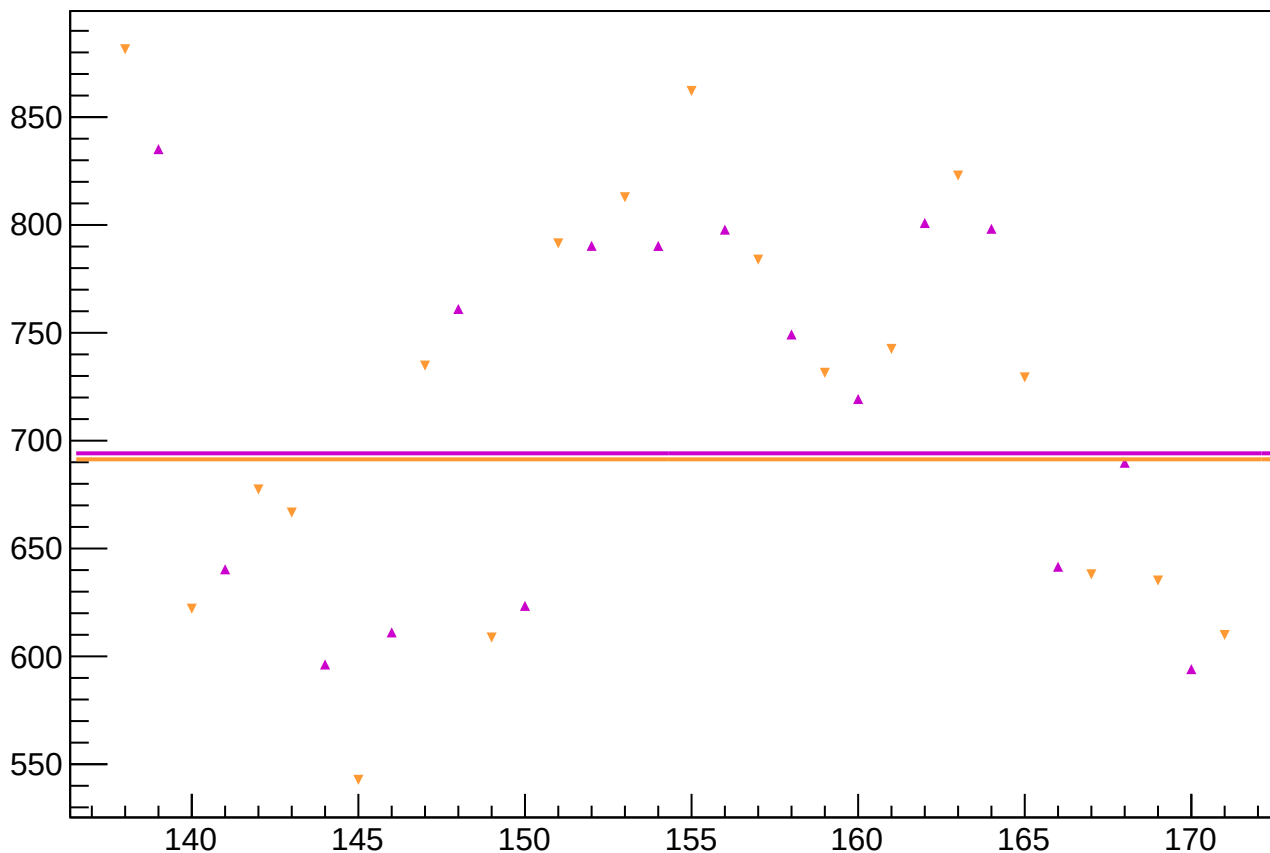
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.585+/-197.539 χ^2/NDF :20.0/15

Out: 903.597+/-189.448 χ^2/NDF :38.3/17

All: 453.155+/-136.731 χ^2/NDF : 70.1/33

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 691.354+/-0.134 χ^2/NDF : 491420.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 694.136+/-0.140 χ^2/NDF : 352046.4/15

Left: 692.687+/-0.097 χ^2/NDF : 843673.5/33

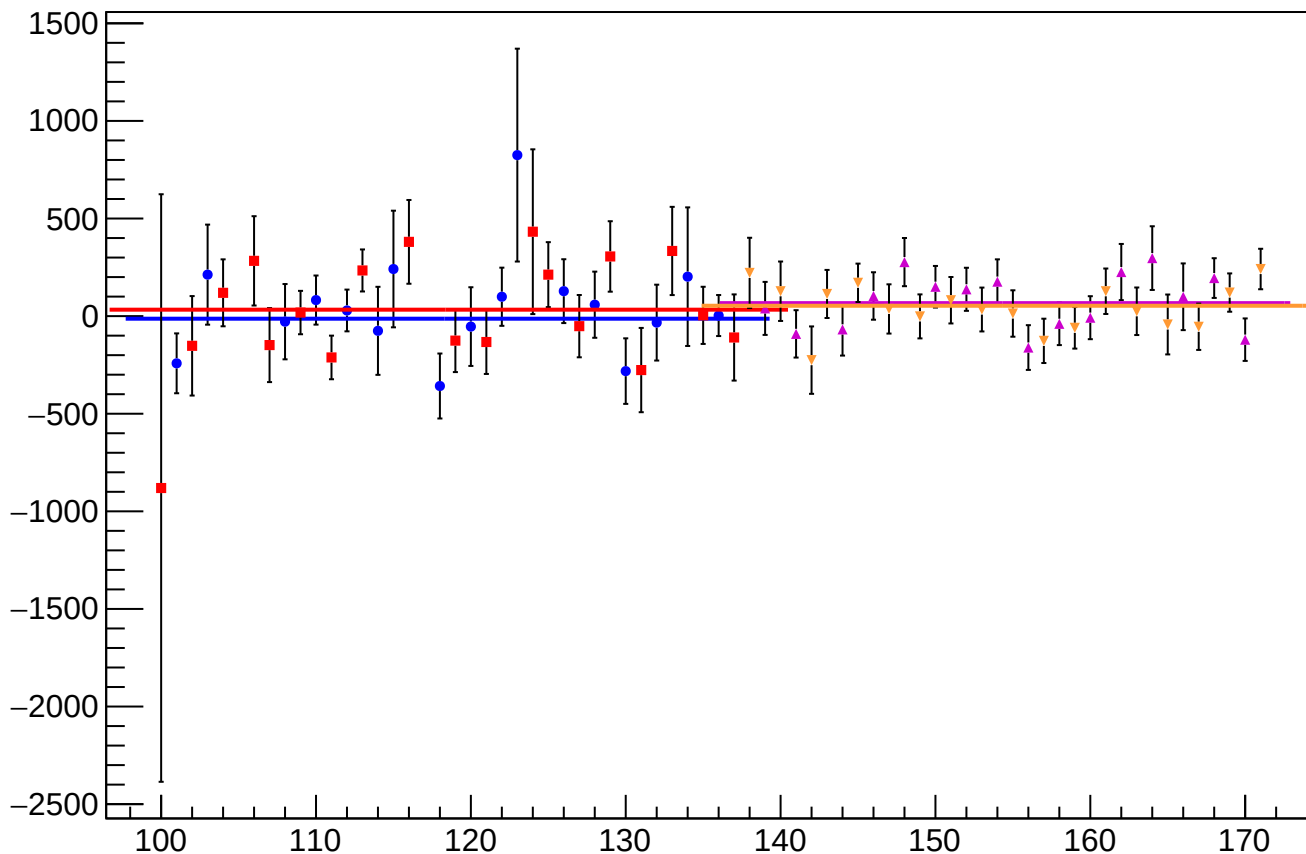
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 694.136+/-0.140 χ^2/NDF : 352046.4/15

Out: 691.354+/-0.134 χ^2/NDF : 491420.4/17

All: 692.687+/-0.097 χ^2/NDF : 843673.5/33

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 53.132 $\pm$ 28.206 χ^2 /NDF:14.9/17

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: 66.531 $\pm$ 30.126 χ^2 /NDF:20.8/15

Left: 59.391 $\pm$ 20.590 χ^2 /NDF: 35.9/33

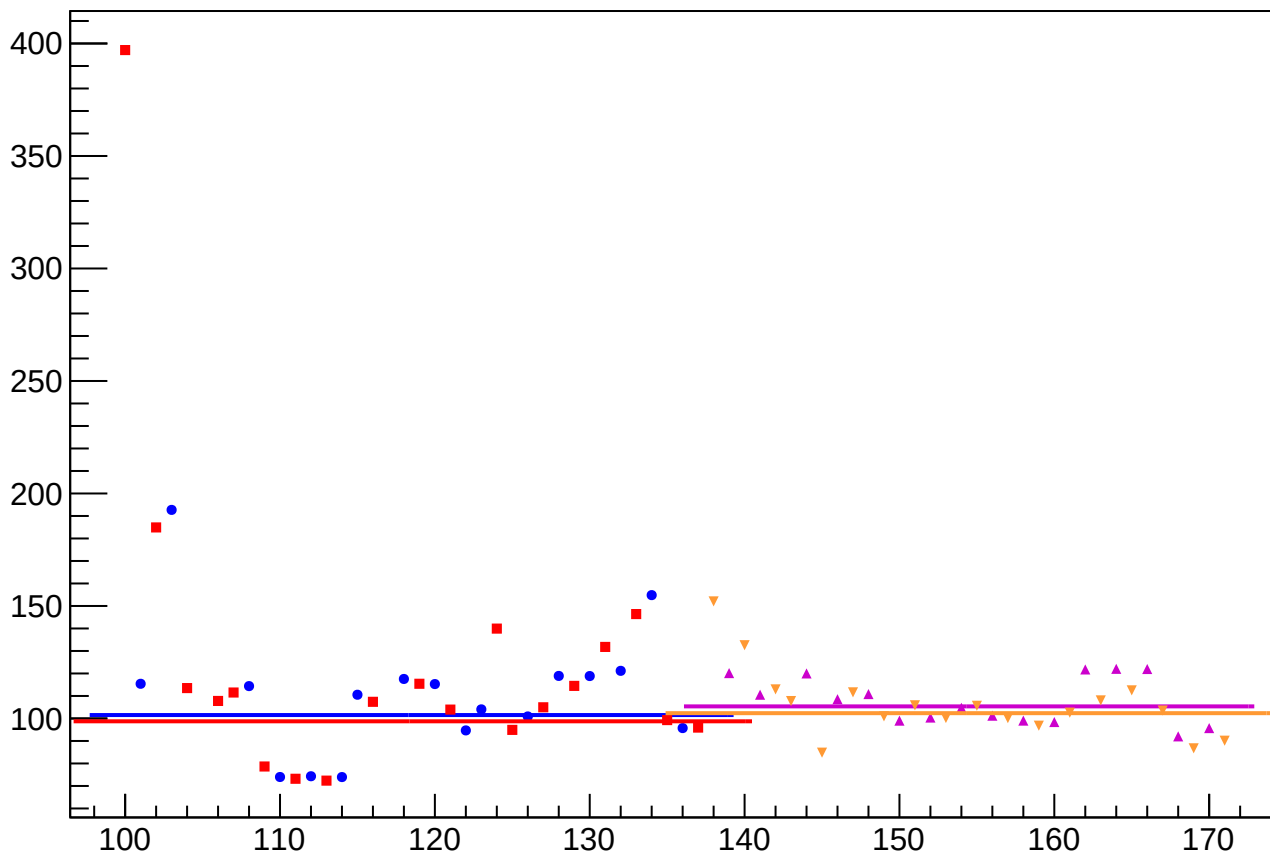
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 38.173 $\pm$ 24.183 χ^2 /NDF:39.0/32

Out: 46.199 $\pm$ 22.830 χ^2 /NDF:40.2/36

All: 42.417 $\pm$ 16.601 χ^2 /NDF: 79.2/69

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: 102.353 ± 0.020 $\chi^2/\text{NDF}: 419397.7/17$

Right Out: 98.736 ± 0.027 $\chi^2/\text{NDF}: 825631.4/18$

Left In: 105.371 ± 0.021 $\chi^2/\text{NDF}: 200969.4/15$

Left: 103.763 ± 0.015 $\chi^2/\text{NDF}: 631060.4/33$

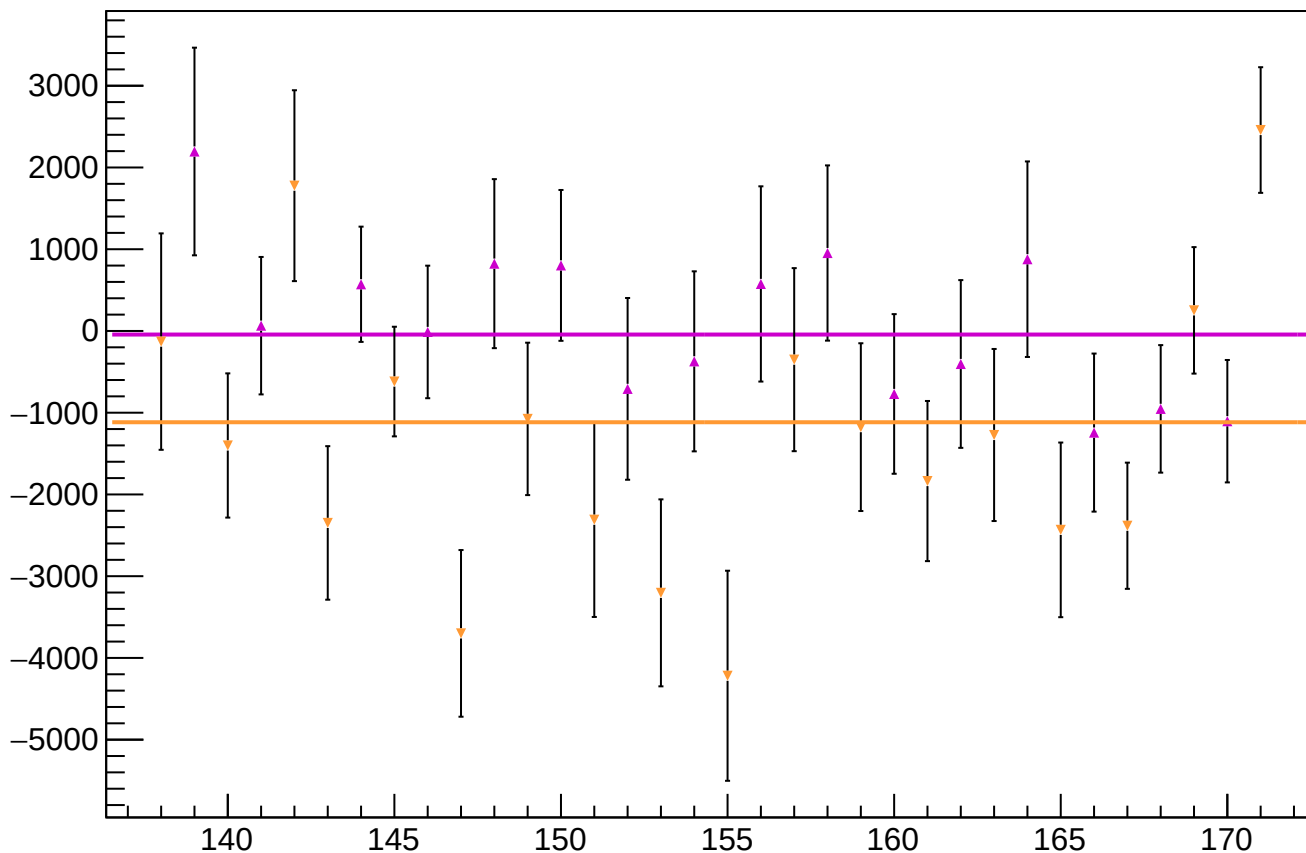
Right: 100.069 ± 0.020 $\chi^2/\text{NDF}: 1512254.1/35$

In: 104.001 ± 0.017 $\chi^2/\text{NDF}: 894310.5/32$

Out: 101.106 ± 0.016 $\chi^2/\text{NDF}: 1256374.4/36$

All: 102.470 ± 0.012 $\chi^2/\text{NDF}: 2165843.2/69$

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1116.685+/-225.047 χ^2/NDF :55.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.850+/-235.202 χ^2/NDF :13.2/15

Left: -603.927+/-162.604 χ^2/NDF : 79.7/33

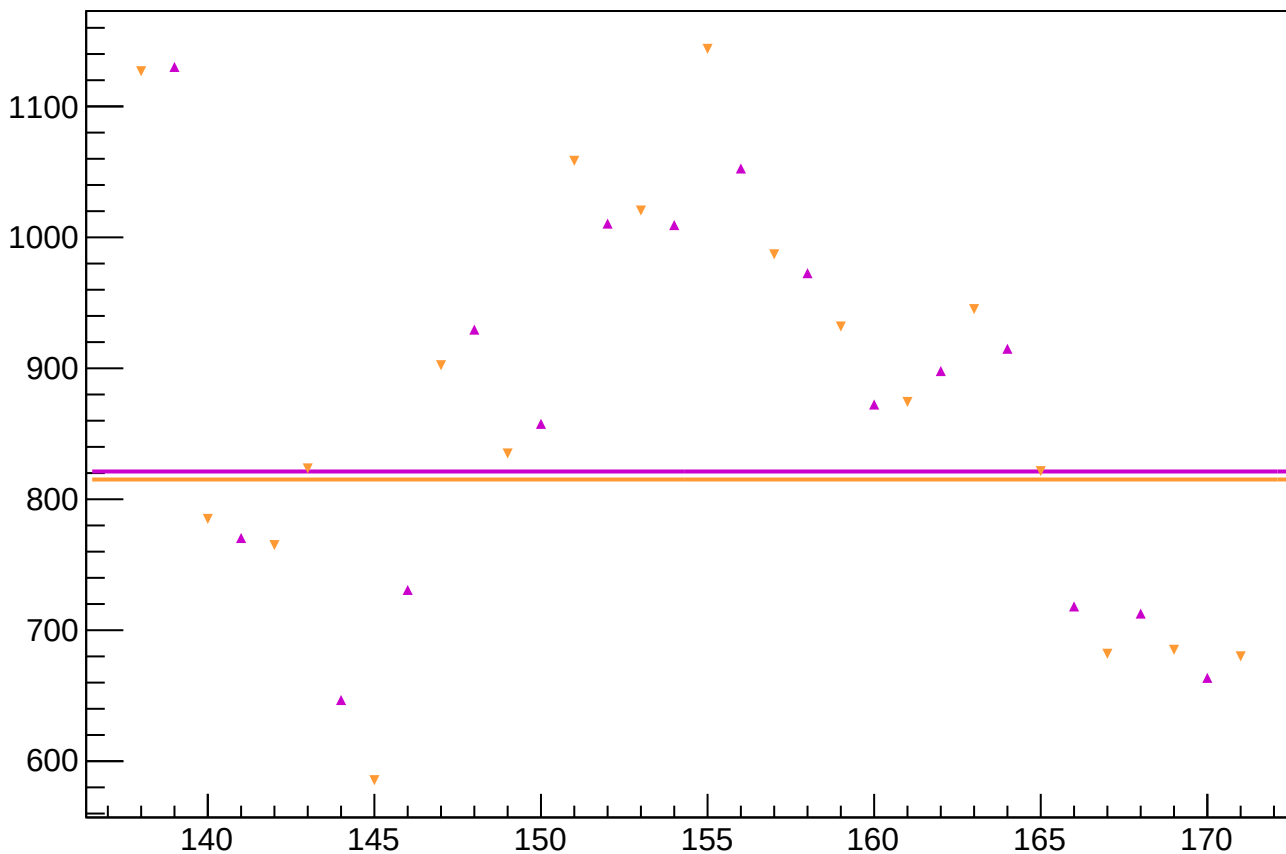
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.850+/-235.202 χ^2/NDF :13.2/15

Out: -1116.685+/-225.047 χ^2/NDF :55.7/17

All: -603.927+/-162.604 χ^2/NDF : 79.7/33

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 815.085+/-0.159 χ^2/NDF : 934957.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 821.211+/-0.166 χ^2/NDF : 708392.6/15

Left: 818.012+/-0.115 χ^2/NDF : 1644058.0/33

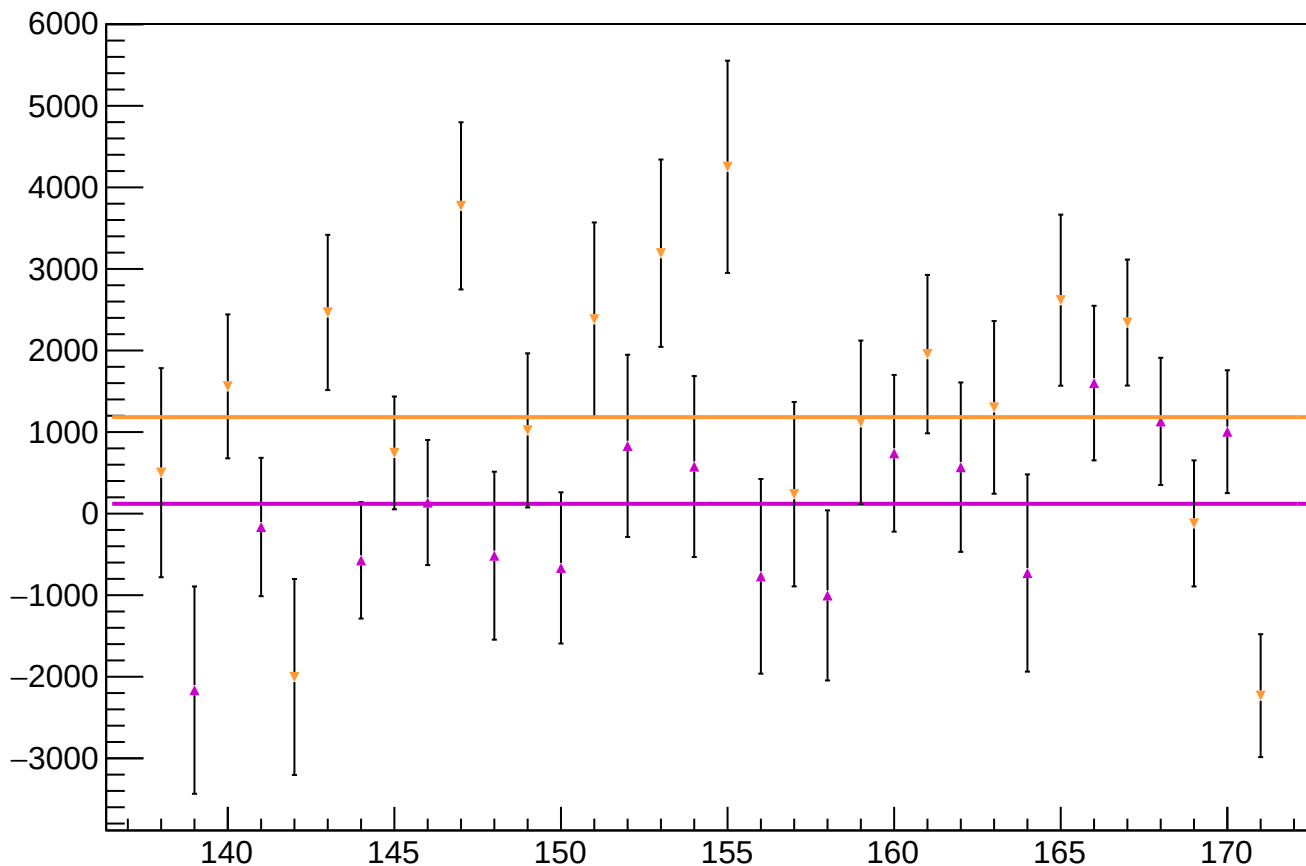
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 821.211+/-0.166 χ^2/NDF : 708392.6/15

Out: 815.085+/-0.159 χ^2/NDF : 934957.1/17

All: 818.012+/-0.115 χ^2/NDF : 1644058.0/33

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1183.431+/-225.520 χ^2/NDF :54.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 120.558+/-234.224 χ^2/NDF :14.3/15

Left: 672.111+/-162.457 χ^2/NDF : 79.6/33

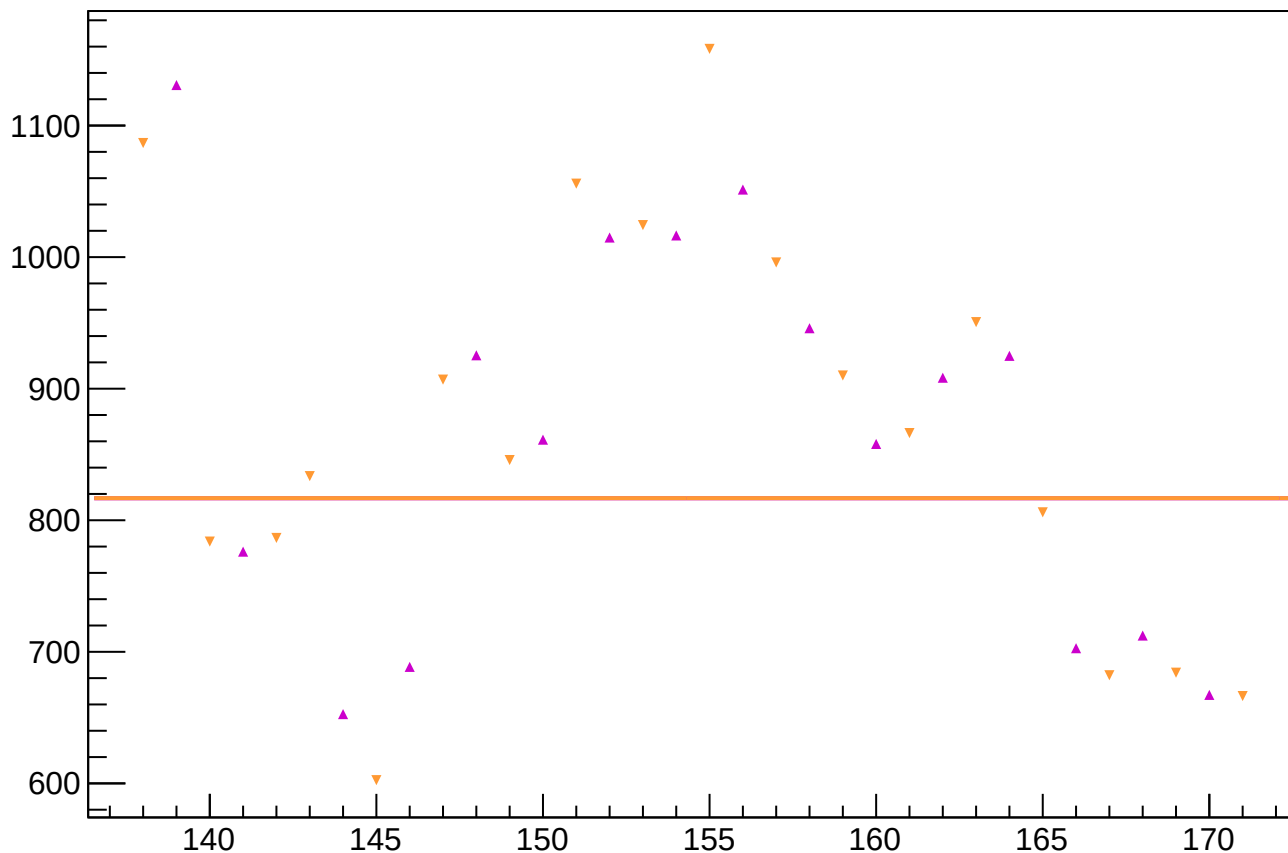
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.558+/-234.224 χ^2/NDF :14.3/15

Out: 1183.431+/-225.520 χ^2/NDF :54.6/17

All: 672.111+/-162.457 χ^2/NDF : 79.6/33

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 816.805+/-0.159 χ^2/NDF : 891103.2/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

Left: 816.747+/-0.115 χ^2/NDF : 1620697.7/33

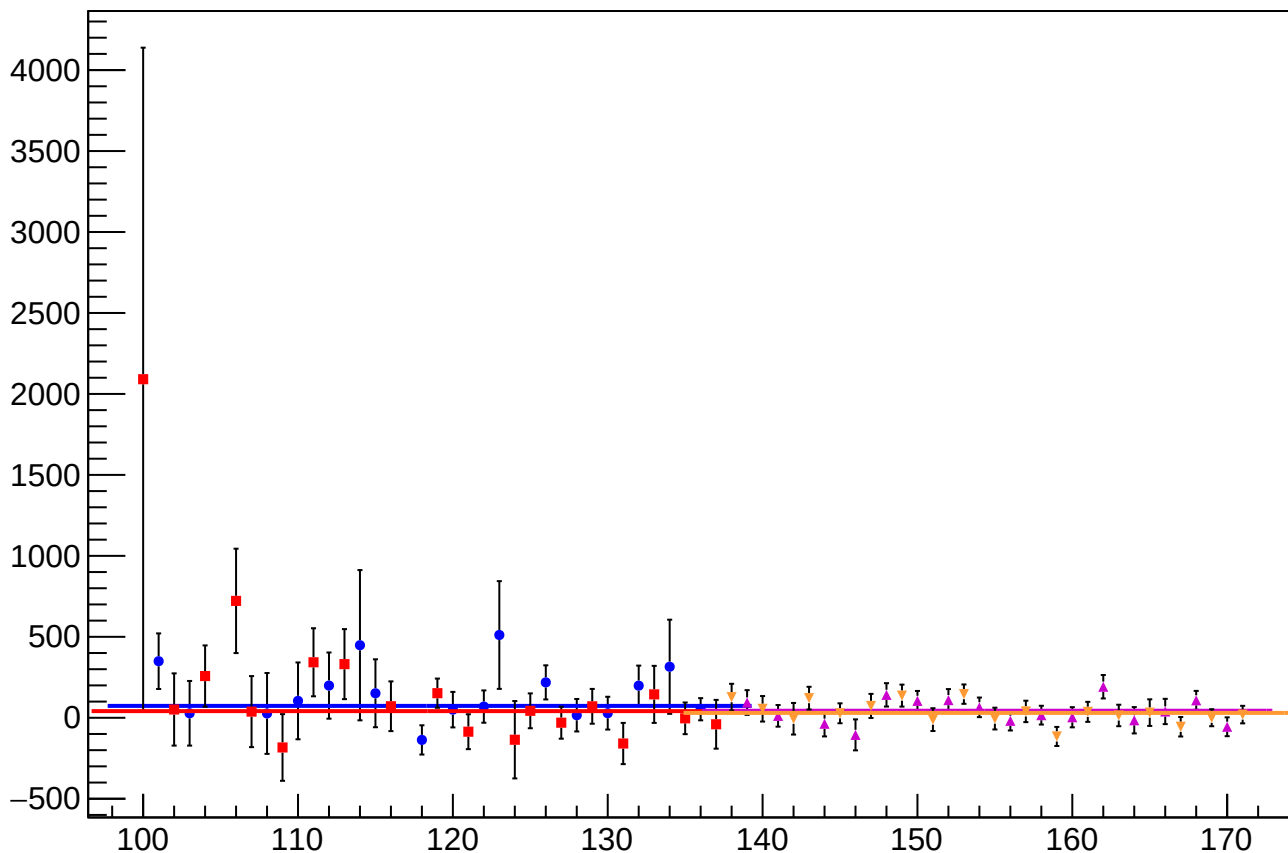
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

Out: 816.805+/-0.159 χ^2/NDF : 891103.2/17

All: 816.747+/-0.115 χ^2/NDF : 1620697.7/33

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 30.176 $\pm$ 15.590 χ^2 /NDF:19.1/17

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 43.440 $\pm$ 16.799 χ^2 /NDF:18.6/15

Left: 36.314 $\pm$ 11.427 χ^2 /NDF: 38.0/33

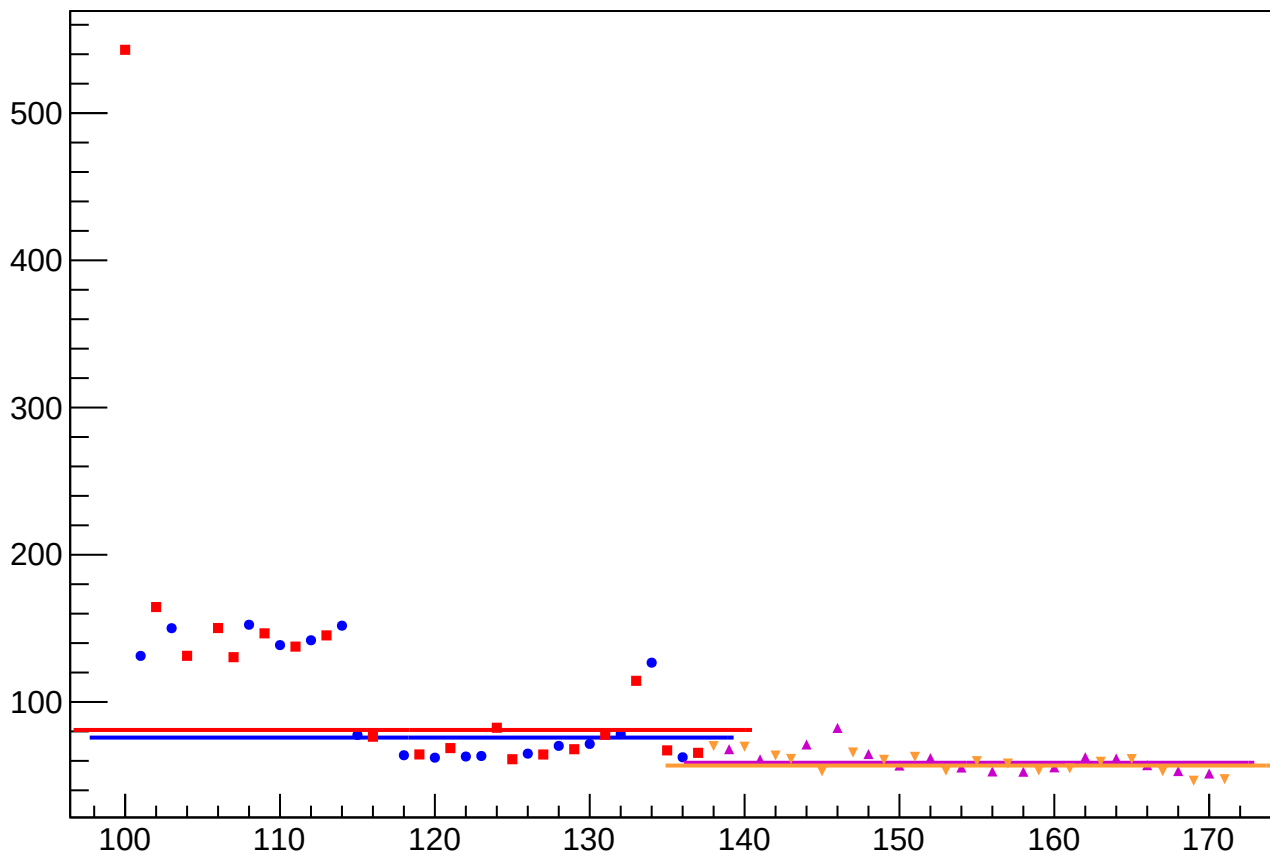
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 50.231 $\pm$ 14.776 χ^2 /NDF:34.6/32

Out: 32.199 $\pm$ 14.075 χ^2 /NDF:38.4/36

All: 40.777 $\pm$ 10.192 χ^2 /NDF: 73.7/69

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2 /NDF: 1349961.8/16

Left Out: 56.823+/-0.011 χ^2 /NDF:351844.5/17

Right Out: 80.999+/-0.023 χ^2 /NDF: 1627899.8/18

Left In: 58.720+/-0.012 χ^2 /NDF:334937.6/15

Left: 57.701+/-0.008 χ^2 /NDF: 700478.3/33

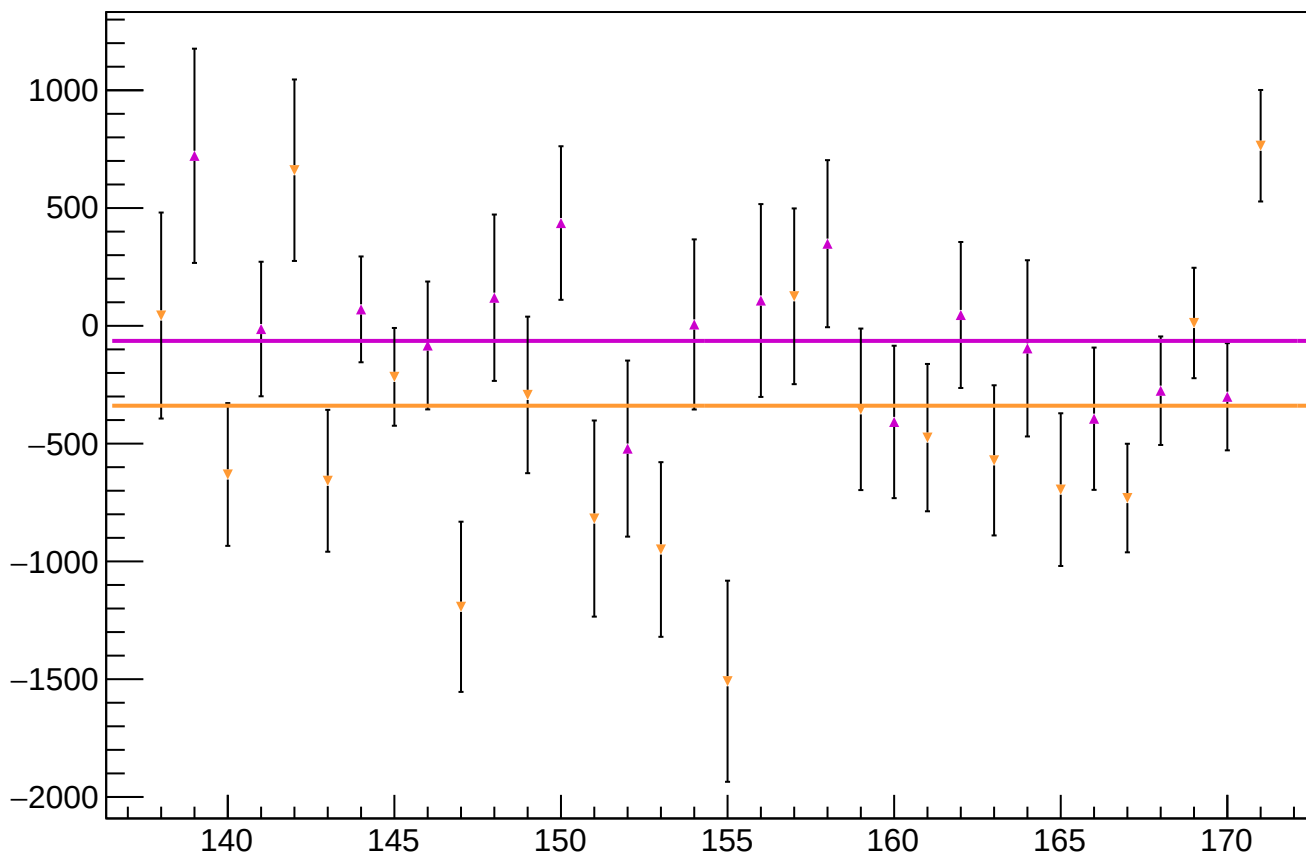
Right: 78.273+/-0.016 χ^2 /NDF: 3004207.0/35

In: 62.590+/-0.010 χ^2 /NDF:2153890.4/32

Out: 61.292+/-0.010 χ^2 /NDF:2868709.5/36

All: 61.909+/-0.007 χ^2 /NDF: 5030694.4/69

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -339.078+/-72.068 χ^2/NDF :57.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.954+/-76.045 χ^2/NDF :13.5/15

Left: -208.897+/-52.309 χ^2/NDF : 77.8/33

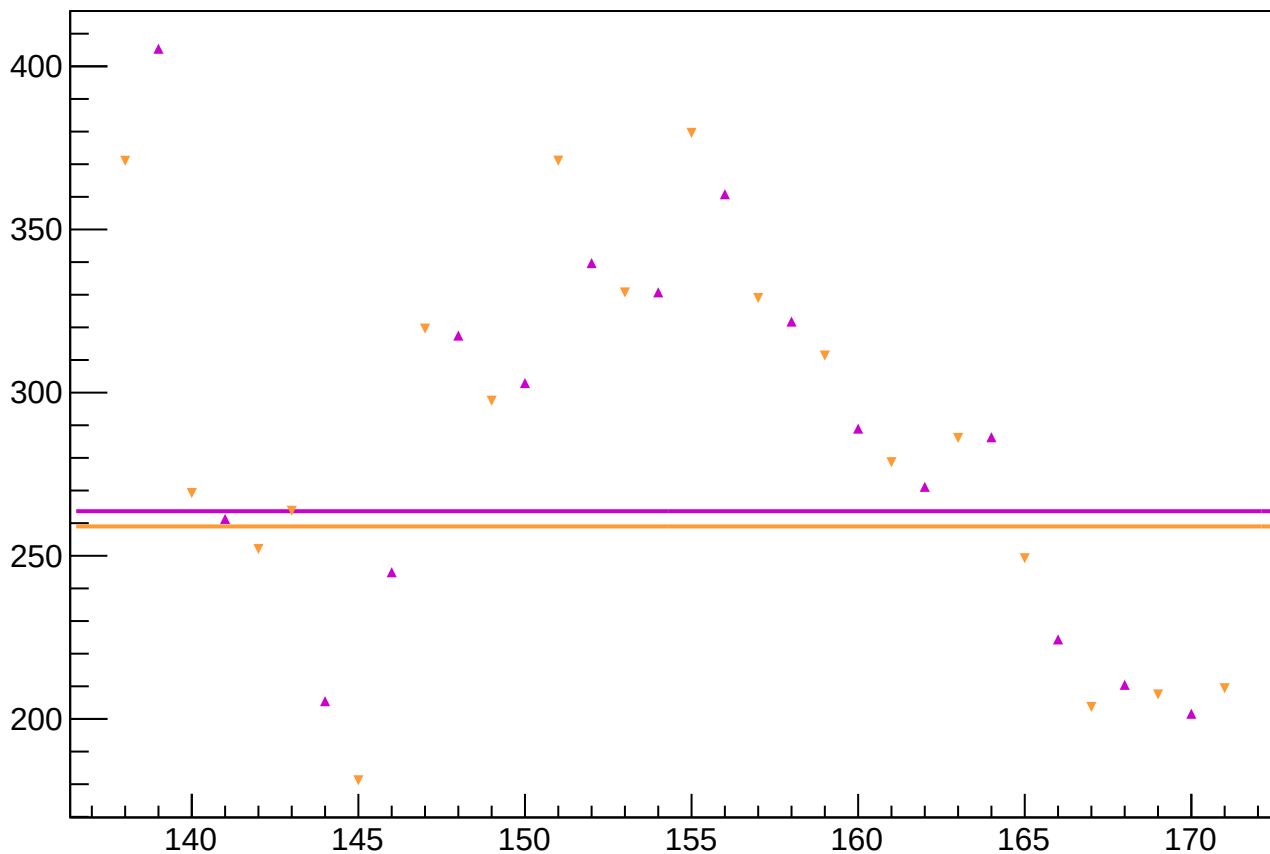
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.954+/-76.045 χ^2/NDF :13.5/15

Out: -339.078+/-72.068 χ^2/NDF :57.4/17

All: -208.897+/-52.309 χ^2/NDF : 77.8/33

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 258.998+/-0.051 χ^2/NDF :1319553.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 263.665+/-0.054 χ^2/NDF :1042123.0/15

Left: 261.206+/-0.037 χ^2/NDF : 2365644.5/33

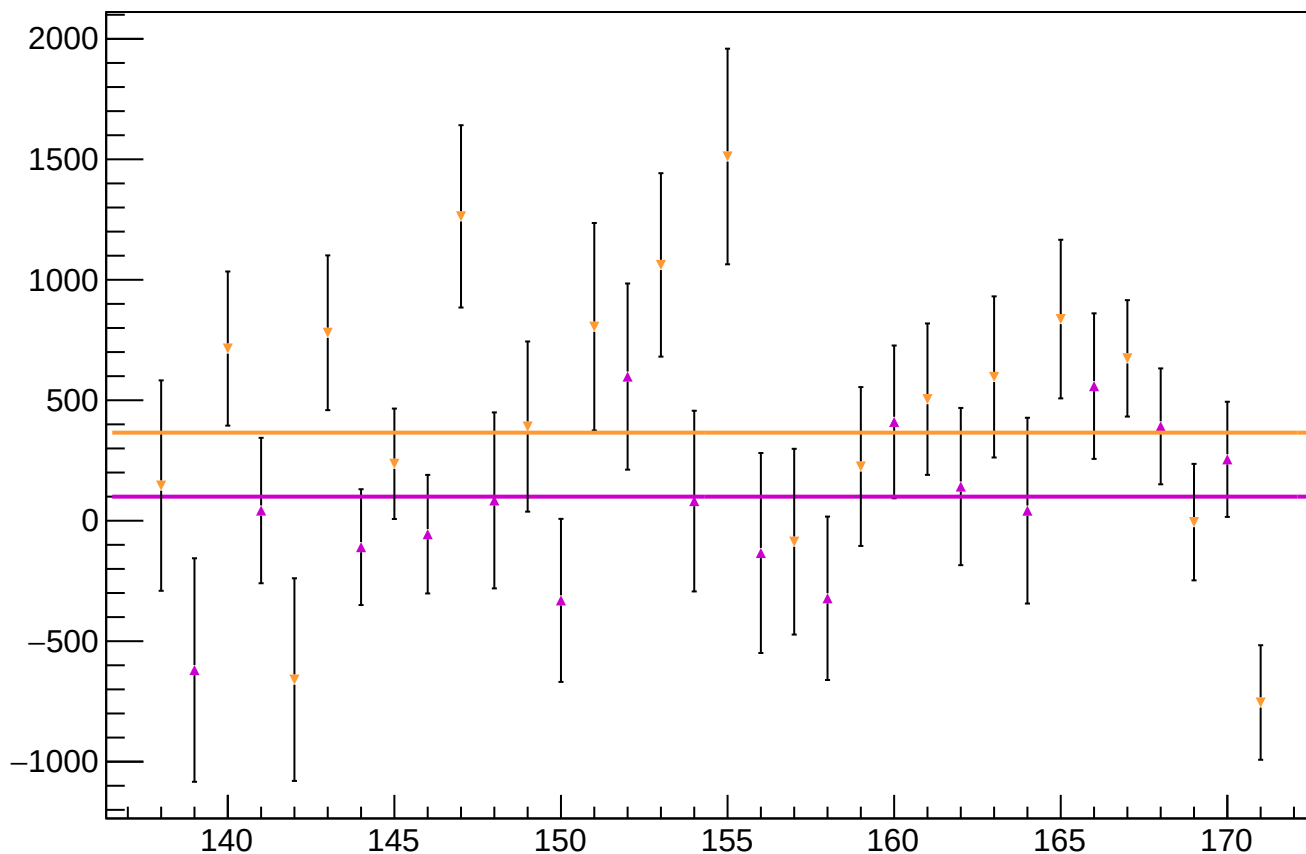
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 263.665+/-0.054 χ^2/NDF :1042123.0/15

Out: 258.998+/-0.051 χ^2/NDF :1319553.3/17

All: 261.206+/-0.037 χ^2/NDF : 2365644.5/33

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 365.526+/-74.978 χ^2/NDF :56.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 99.957+/-77.657 χ^2/NDF :14.0/15

Left: 237.400+/-53.940 χ^2/NDF : 76.4/33

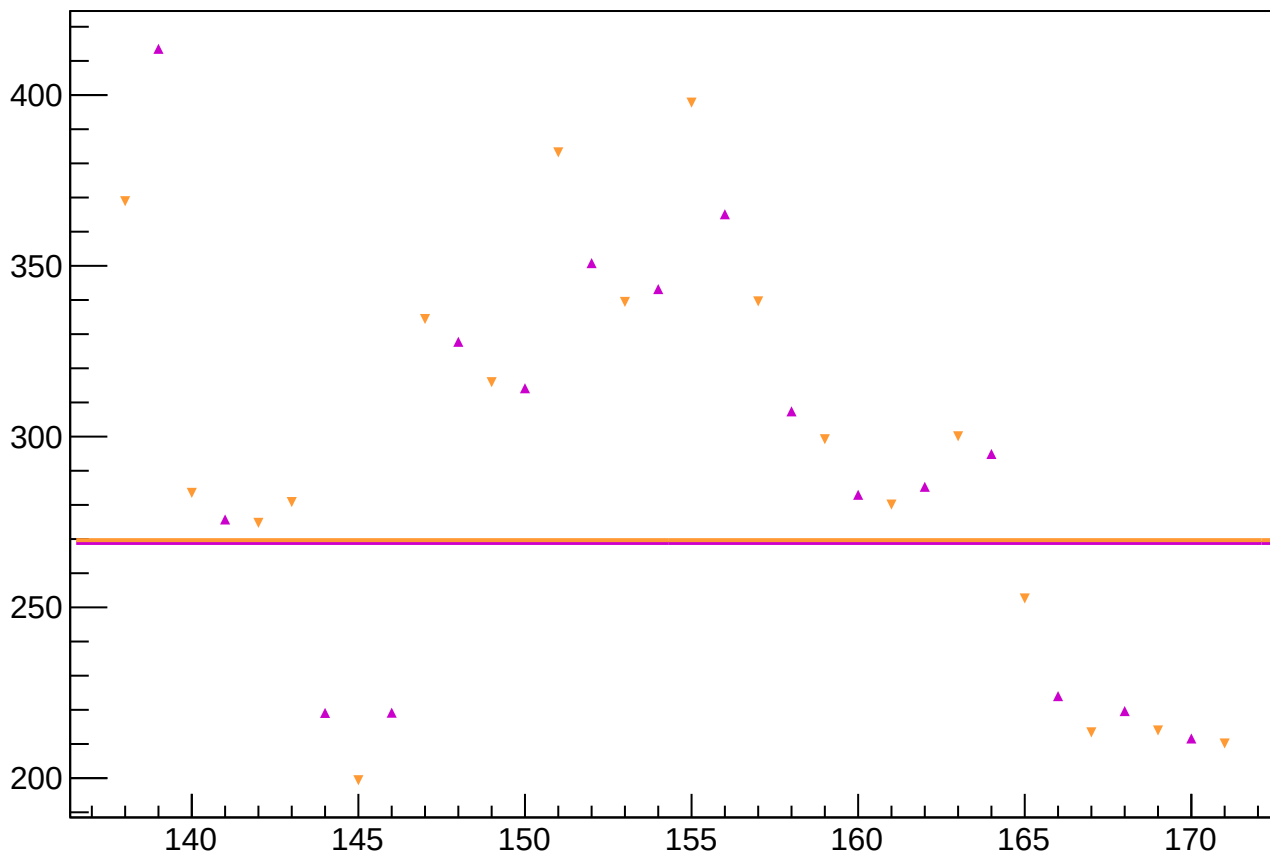
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 99.957+/-77.657 χ^2/NDF :14.0/15

Out: 365.526+/-74.978 χ^2/NDF :56.4/17

All: 237.400+/-53.940 χ^2/NDF : 76.4/33

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 269.684+/-0.053 χ^2/NDF :1207225.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

Left: 269.289+/-0.038 χ^2/NDF : 2220874.6/33

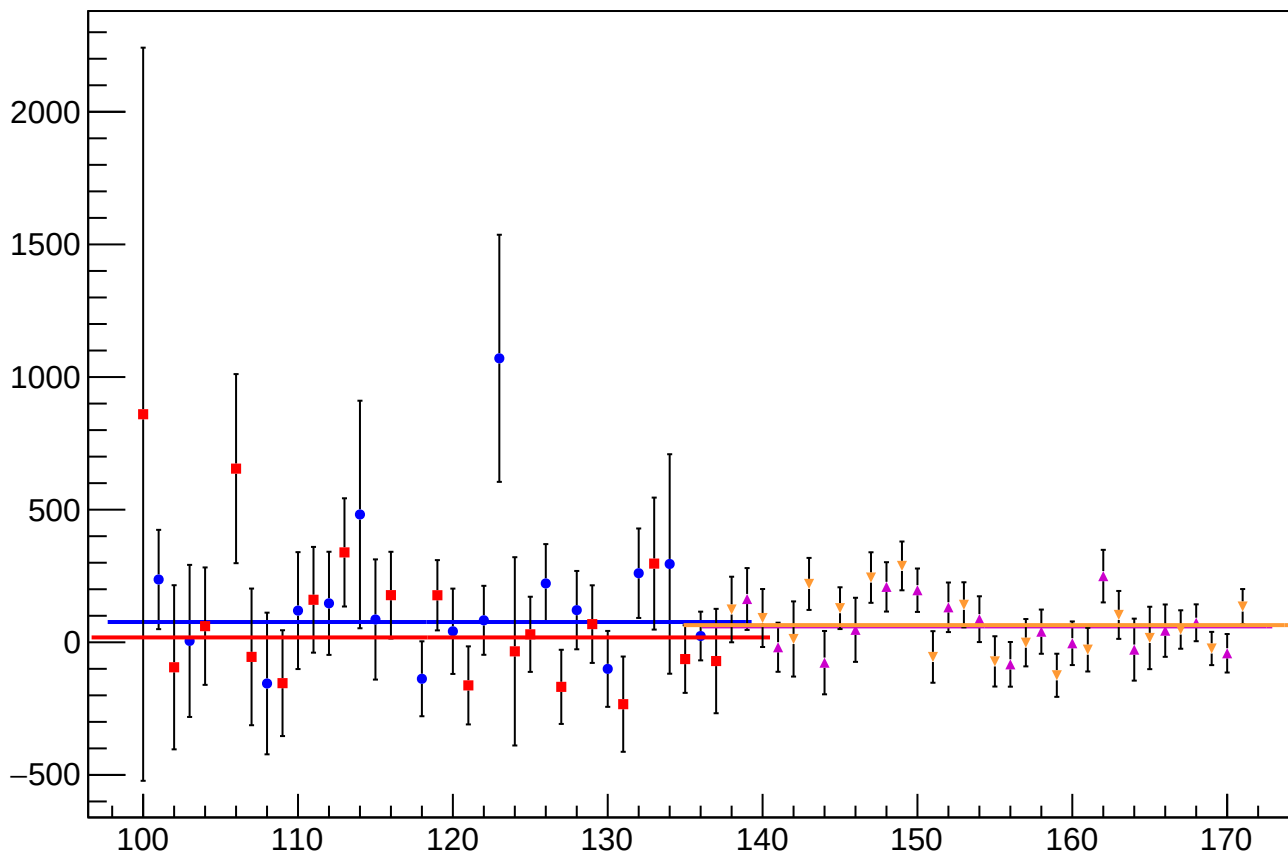
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

Out: 269.684+/-0.053 χ^2/NDF :1207225.1/17

All: 269.289+/-0.038 χ^2/NDF : 2220874.6/33

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: 64.758 $\pm$ 20.662 χ^2 /NDF:28.2/17

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 59.878 $\pm$ 22.647 χ^2 /NDF:18.6/15

Left: 62.542 $\pm$ 15.264 χ^2 /NDF: 46.8/33

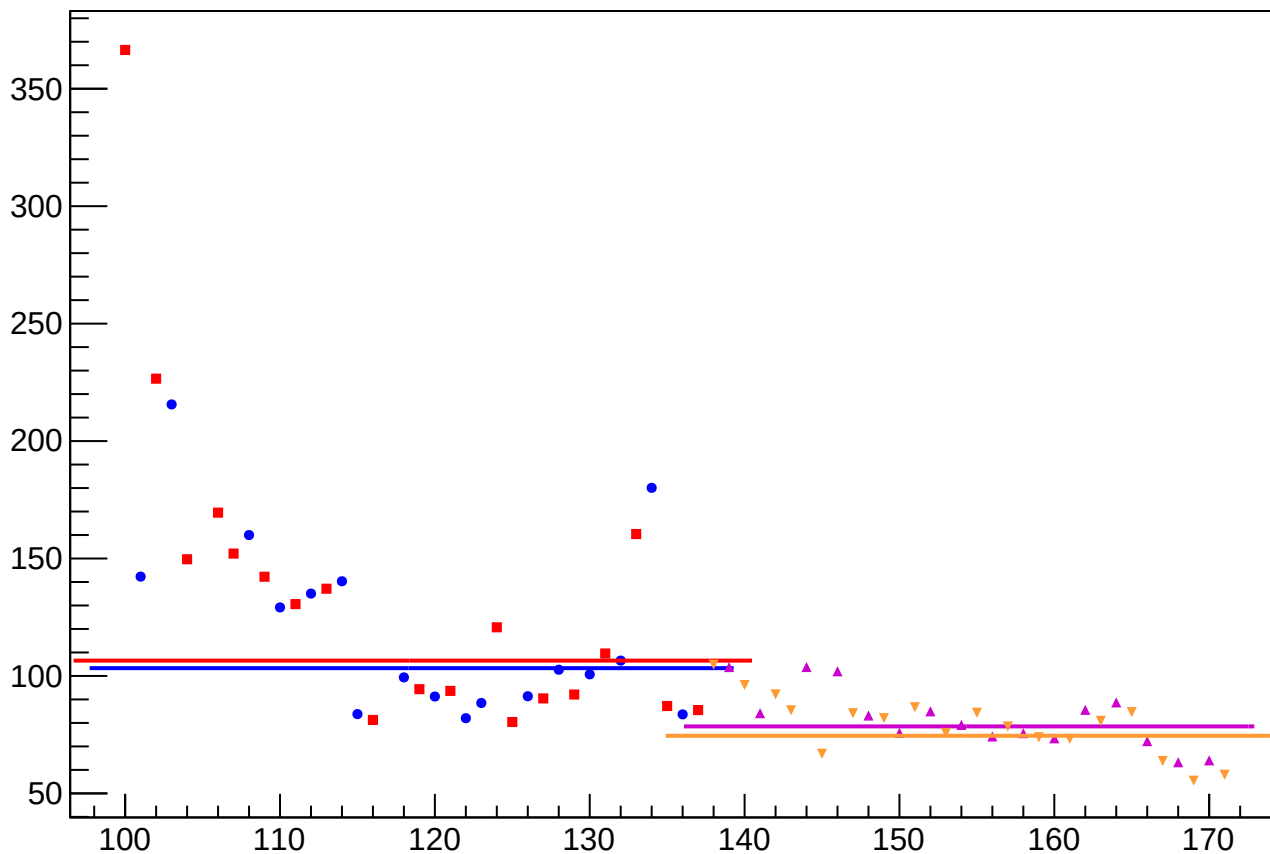
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 63.685 $\pm$ 19.886 χ^2 /NDF:32.6/32

Out: 55.819 $\pm$ 18.564 χ^2 /NDF:46.3/36

All: 59.482 $\pm$ 13.570 χ^2 /NDF: 79.1/69

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: 74.541 $\pm$ 0.015 χ^2 /NDF: 745407.1/17

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 78.523 $\pm$ 0.016 χ^2 /NDF: 507470.6/15

Left: 76.350 $\pm$ 0.011 χ^2 /NDF: 1286624.5/33

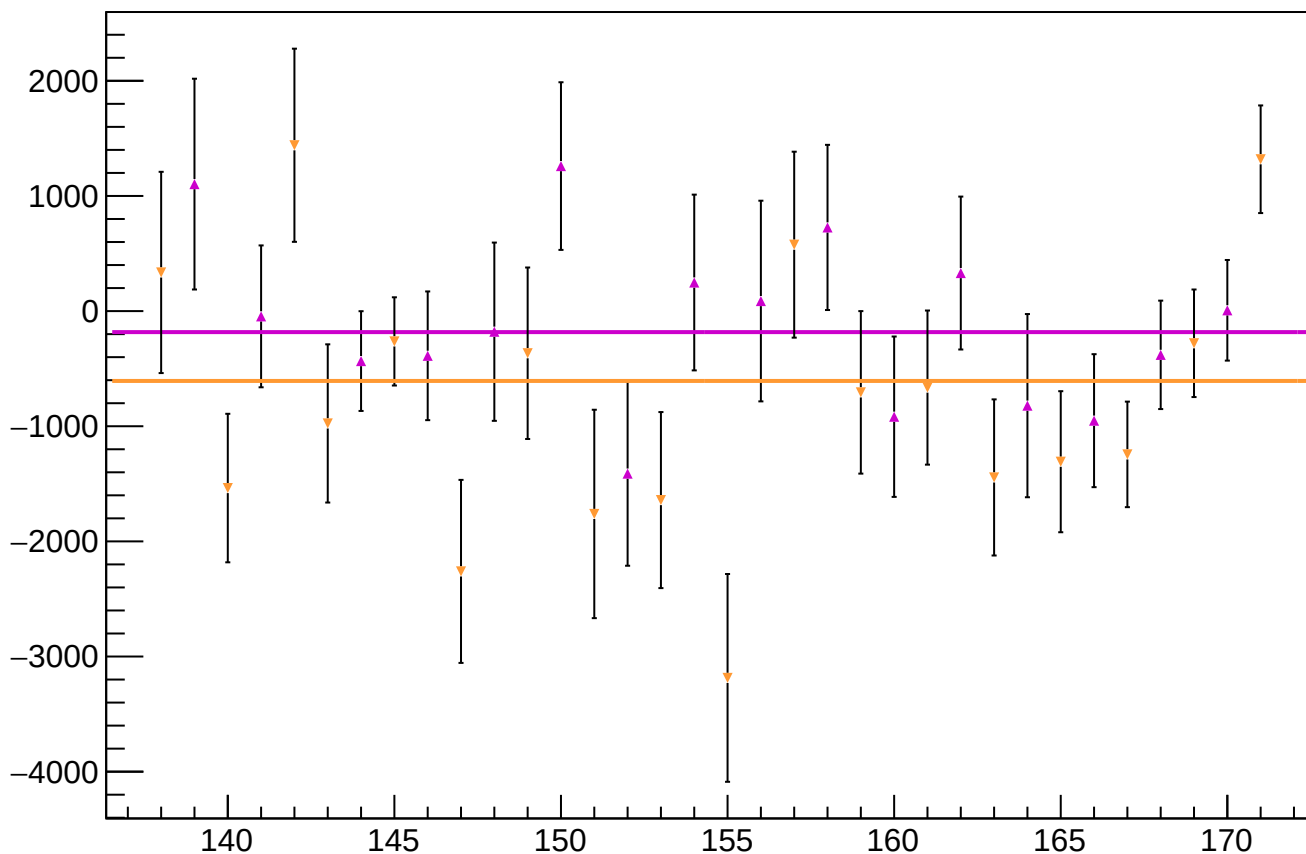
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 84.201 $\pm$ 0.014 χ^2 /NDF: 1894189.1/32

Out: 80.709 $\pm$ 0.013 χ^2 /NDF: 2741345.4/36

All: 82.335 $\pm$ 0.010 χ^2 /NDF: 4668479.1/69

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -606.608 $\pm$ 147.199 χ^2 /NDF:50.8/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -182.514 $\pm$ 155.960 χ^2 /NDF:15.3/15

Left: -406.808 $\pm$ 107.049 χ^2 /NDF: 70.0/33

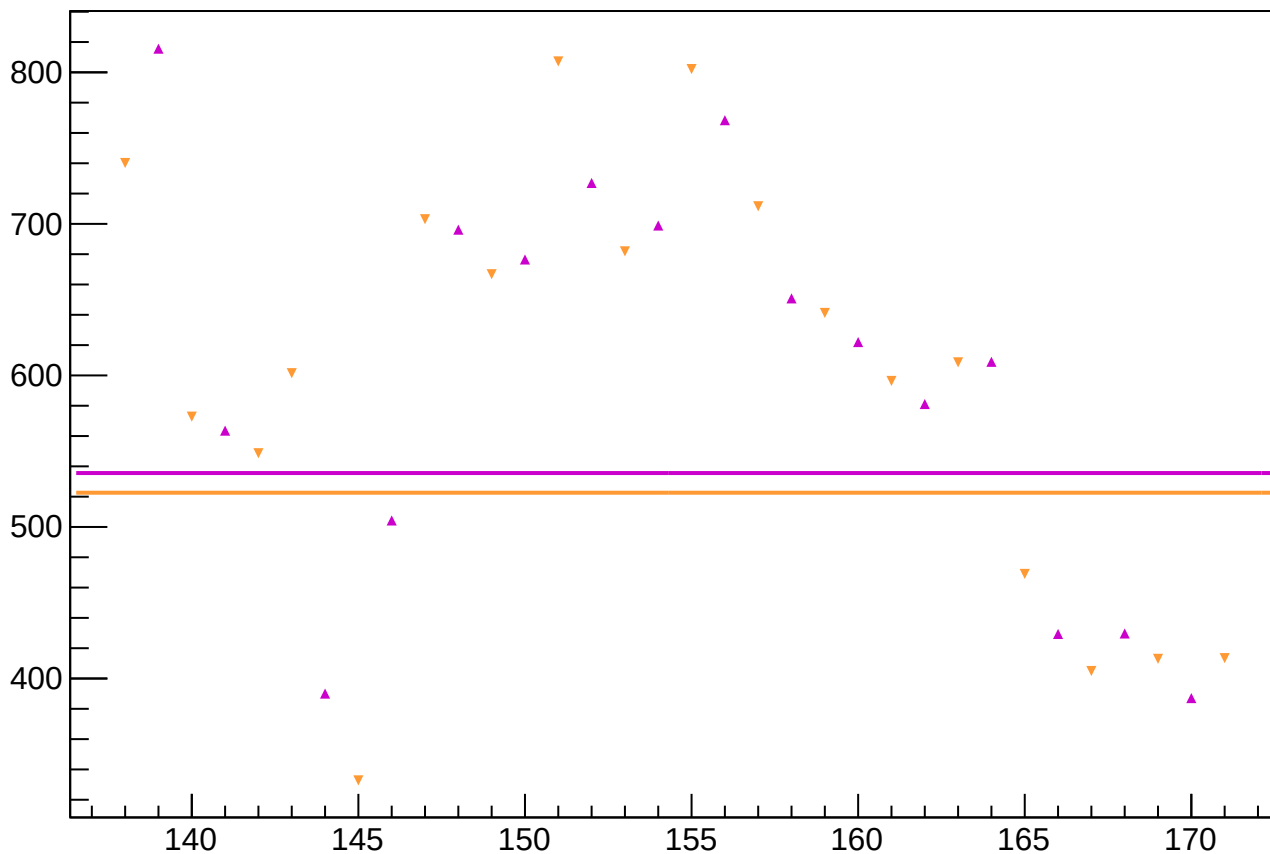
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -182.514 $\pm$ 155.960 χ^2 /NDF:15.3/15

Out: -606.608 $\pm$ 147.199 χ^2 /NDF:50.8/17

All: -406.808 $\pm$ 107.049 χ^2 /NDF: 70.0/33

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 522.607+/-0.104 χ^2/NDF :1899069.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 535.584+/-0.110 χ^2/NDF :1441868.7/15

Left: 528.721+/-0.076 χ^2/NDF : 3348260.6/33

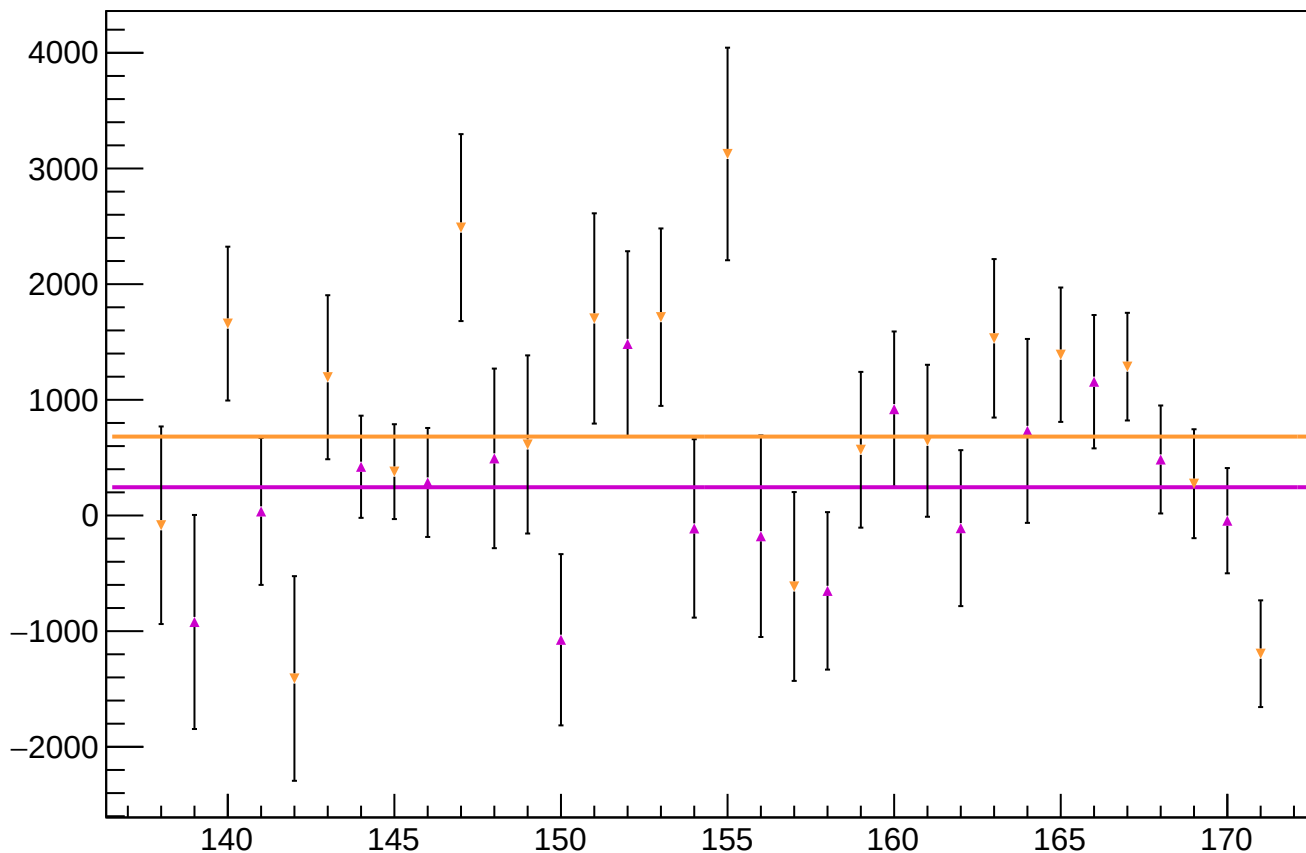
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 535.584+/-0.110 χ^2/NDF :1441868.7/15

Out: 522.607+/-0.104 χ^2/NDF :1899069.4/17

All: 528.721+/-0.076 χ^2/NDF : 3348260.6/33

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 682.186+/-148.901 χ^2/NDF :49.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.337+/-154.479 χ^2/NDF :14.5/15

Left: 471.308+/-107.207 χ^2/NDF : 68.0/33

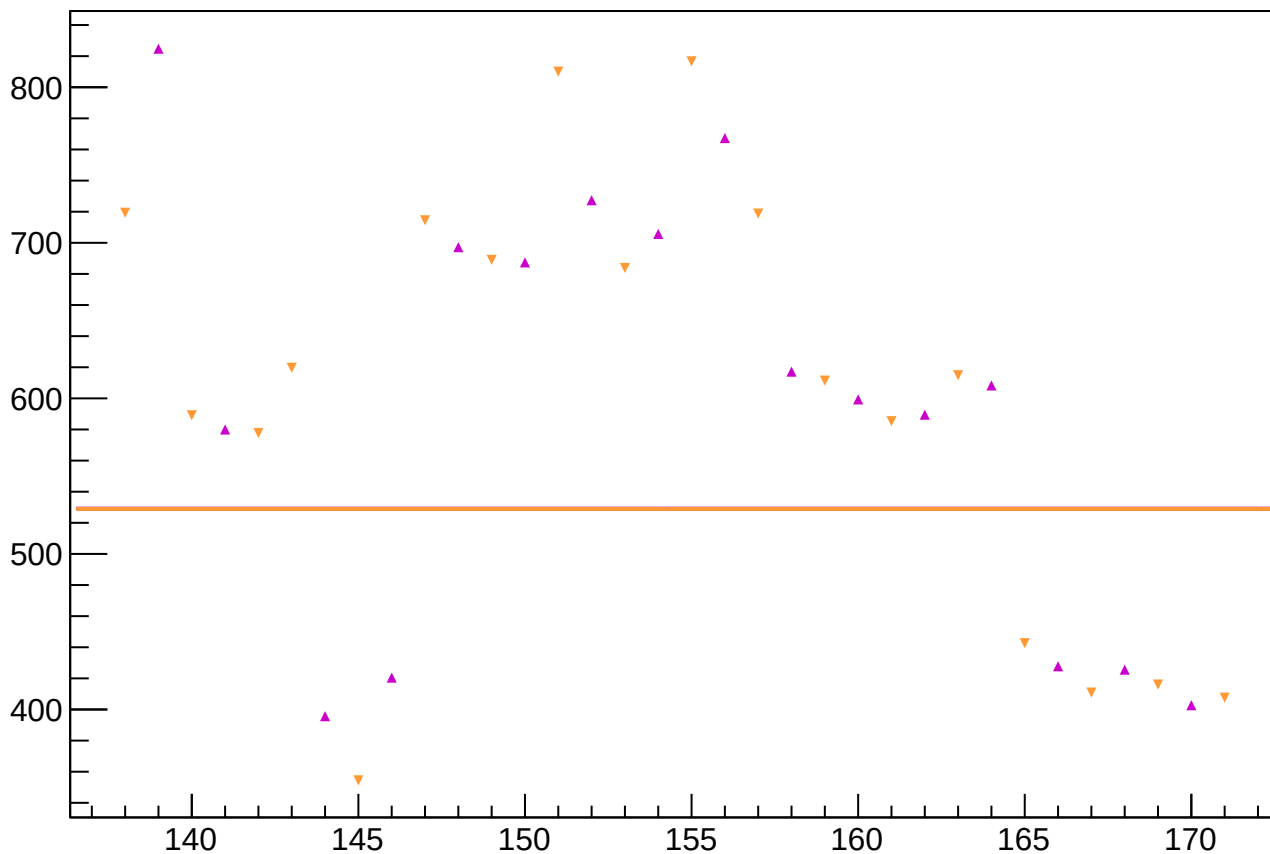
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.337+/-154.479 χ^2/NDF :14.5/15

Out: 682.186+/-148.901 χ^2/NDF :49.3/17

All: 471.308+/-107.207 χ^2/NDF : 68.0/33

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 528.943+/-0.105 χ^2/NDF :1788259.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

Left: 529.007+/-0.076 χ^2/NDF : 3261892.5/33

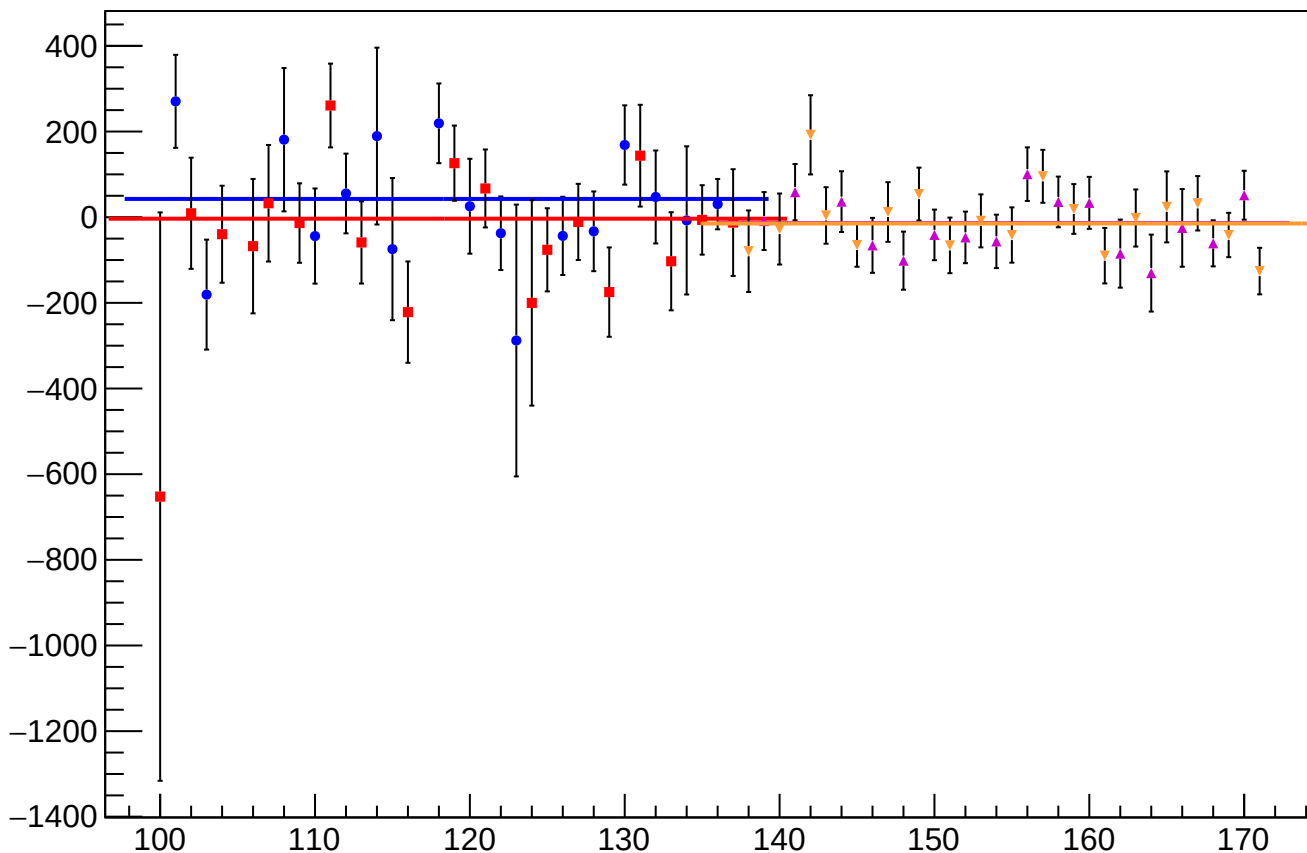
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

Out: 528.943+/-0.105 χ^2/NDF :1788259.9/17

All: 529.007+/-0.076 χ^2/NDF : 3261892.5/33

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 χ^2/NDF : 18.9/16

Left Out: -14.701 ± 15.204 χ^2/NDF : 18.9/17

Right Out: -3.503 ± 25.070 χ^2/NDF : 21.4/18

Left In: -13.591 ± 16.227 χ^2/NDF : 14.3/15

Left: -14.182 ± 11.095 χ^2/NDF : 33.1/33

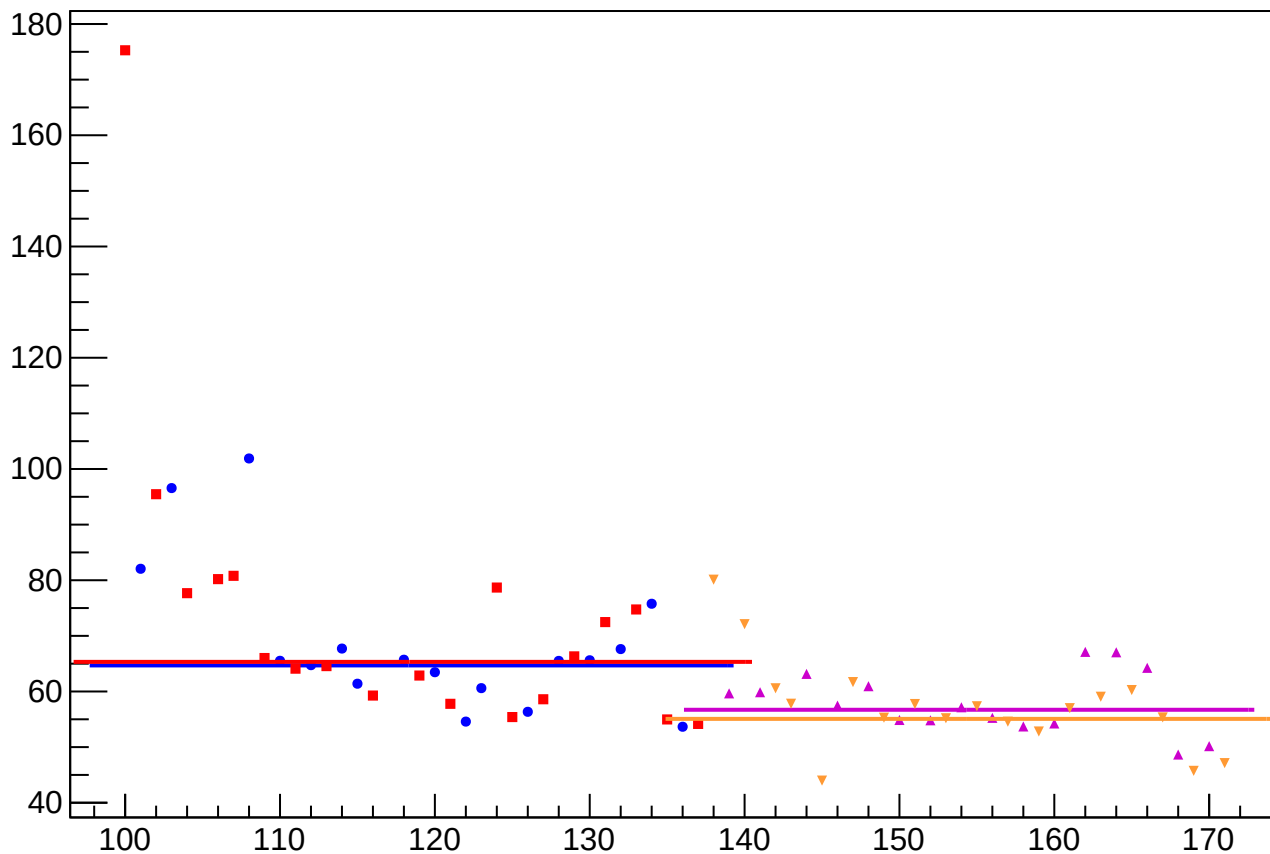
Right: 19.196 ± 17.872 χ^2/NDF : 41.9/35

In: 2.633 ± 13.688 χ^2/NDF : 36.6/32

Out: -11.690 ± 13.000 χ^2/NDF : 40.4/36

All: -4.898 ± 9.426 χ^2/NDF : 77.5/69

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: 55.075 ± 0.011 $\chi^2/\text{NDF}: 480765.2/17$

Right Out: 65.324 ± 0.018 $\chi^2/\text{NDF}: 359570.8/18$

Left In: 56.713 ± 0.011 $\chi^2/\text{NDF}: 192109.6/15$

Left: 55.841 ± 0.008 $\chi^2/\text{NDF}: 683727.2/33$

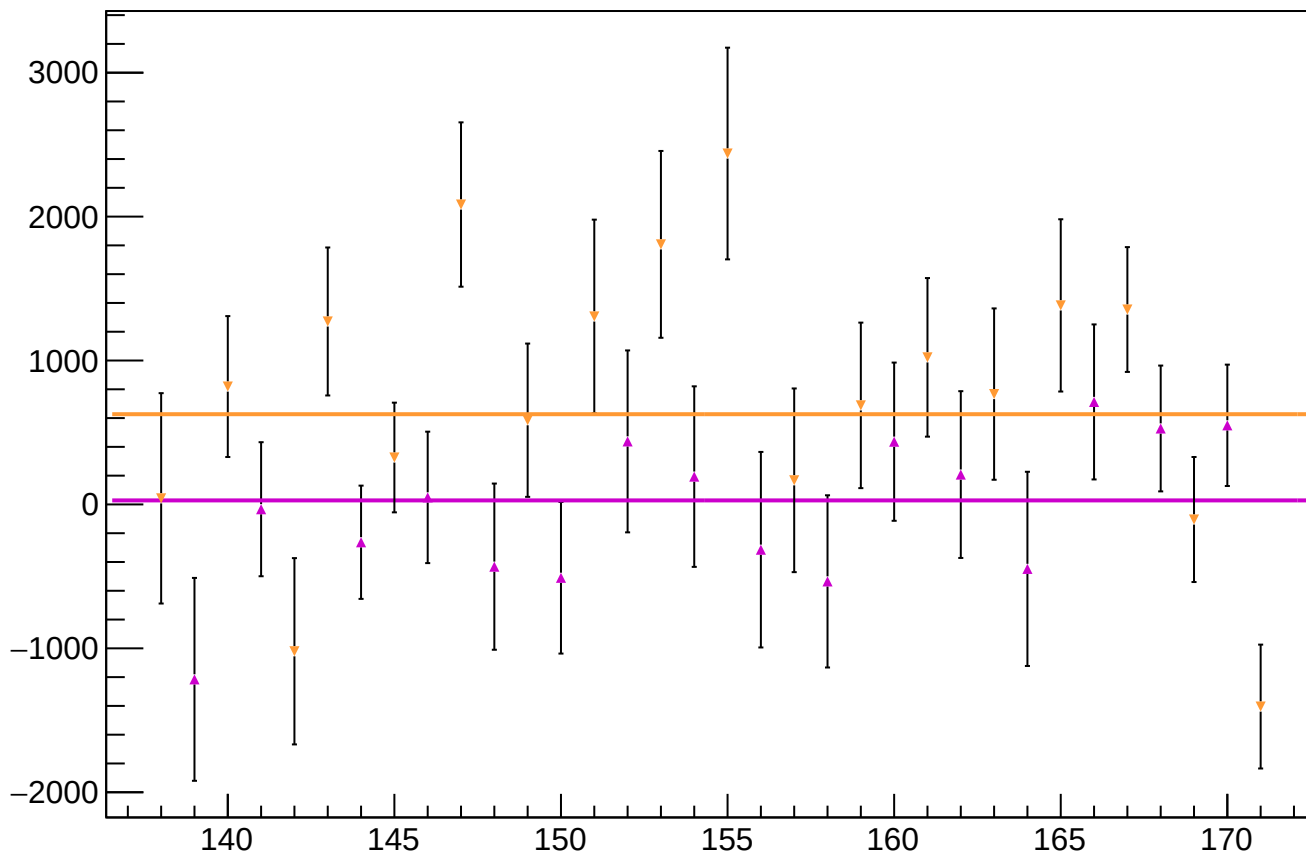
Right: 65.010 ± 0.013 $\chi^2/\text{NDF}: 760396.9/35$

In: 59.013 ± 0.010 $\chi^2/\text{NDF}: 731555.6/32$

Out: 57.831 ± 0.009 $\chi^2/\text{NDF}: 1084740.6/36$

All: 58.391 ± 0.007 $\chi^2/\text{NDF}: 1824135.2/69$

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: 626.976+/-126.468 χ^2/NDF :57.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.969+/-132.137 χ^2/NDF :12.6/15

Left: 340.598+/-91.365 χ^2/NDF : 80.3/33

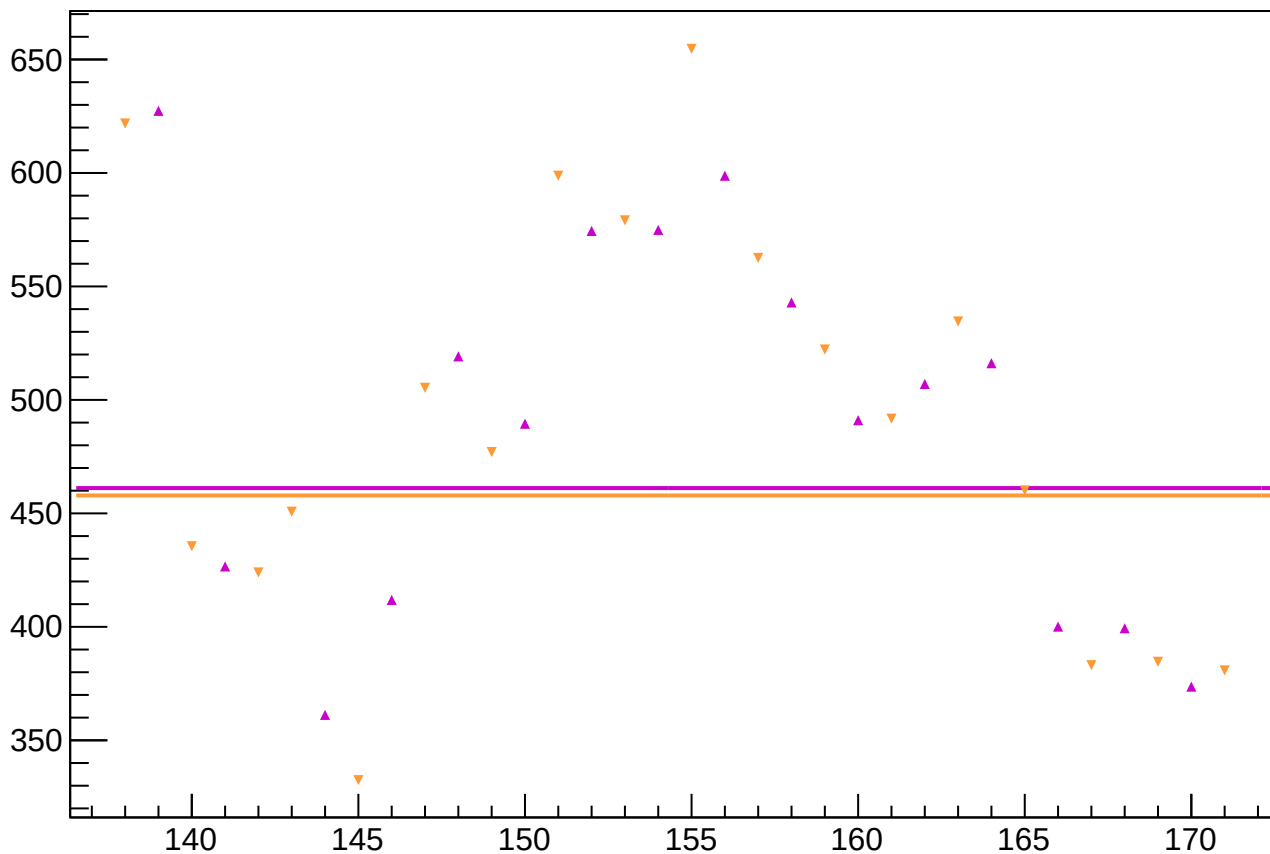
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.969+/-132.137 χ^2/NDF :12.6/15

Out: 626.976+/-126.468 χ^2/NDF :57.0/17

All: 340.598+/-91.365 χ^2/NDF : 80.3/33

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: 457.902+/-0.089 χ^2/NDF :944533.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 461.152+/-0.093 χ^2/NDF :733483.0/15

Left: 459.456+/-0.065 χ^2/NDF : 1678647.7/33

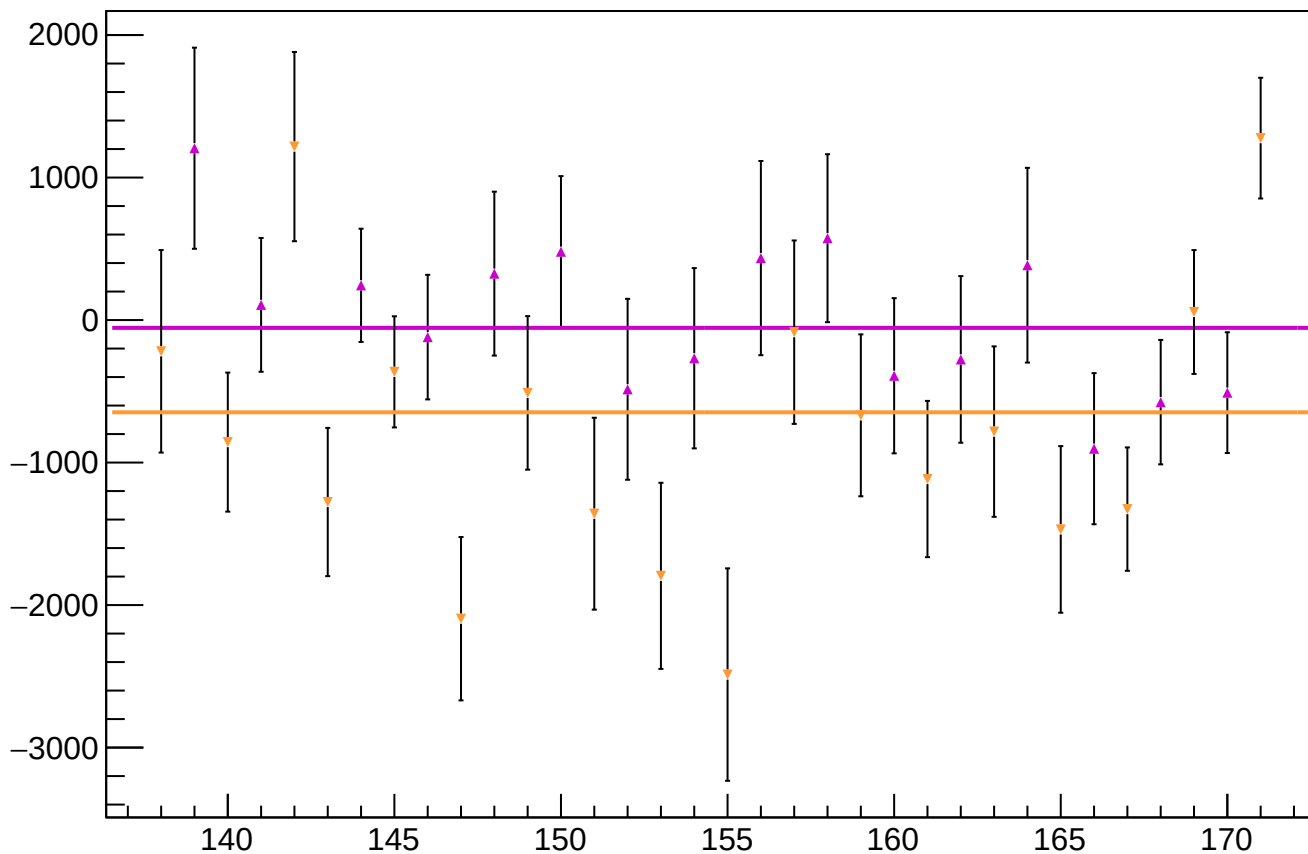
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 461.152+/-0.093 χ^2/NDF :733483.0/15

Out: 457.902+/-0.089 χ^2/NDF :944533.0/17

All: 459.456+/-0.065 χ^2/NDF : 1678647.7/33

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -647.302+/-126.663 χ^2/NDF :56.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.654+/-131.855 χ^2/NDF :13.7/15

Left: -362.874+/-91.345 χ^2/NDF : 80.6/33

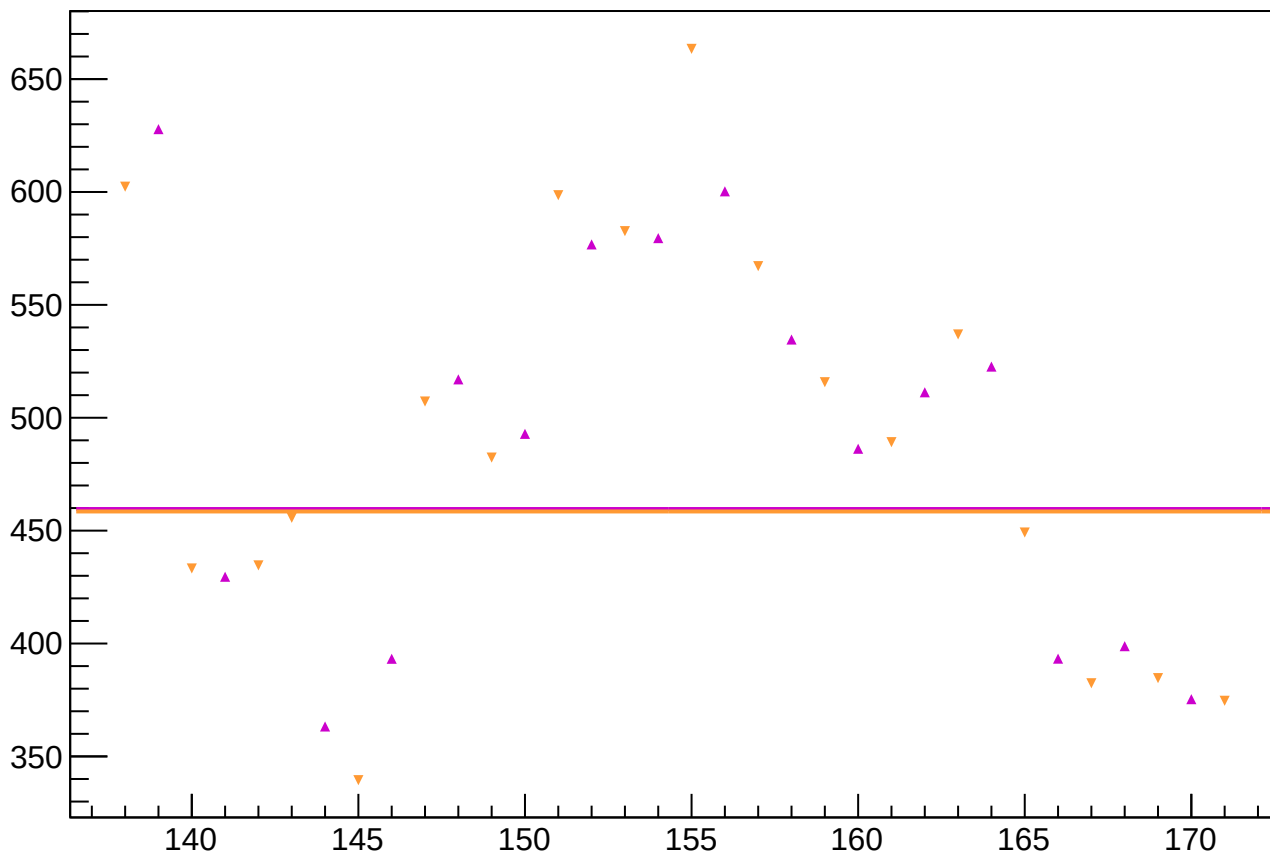
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.654+/-131.855 χ^2/NDF :13.7/15

Out: -647.302+/-126.663 χ^2/NDF :56.4/17

All: -362.874+/-91.345 χ^2/NDF : 80.6/33

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 458.497+/-0.090 χ^2/NDF : 921025.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

Left: 459.012+/-0.065 χ^2/NDF : 1678770.9/33

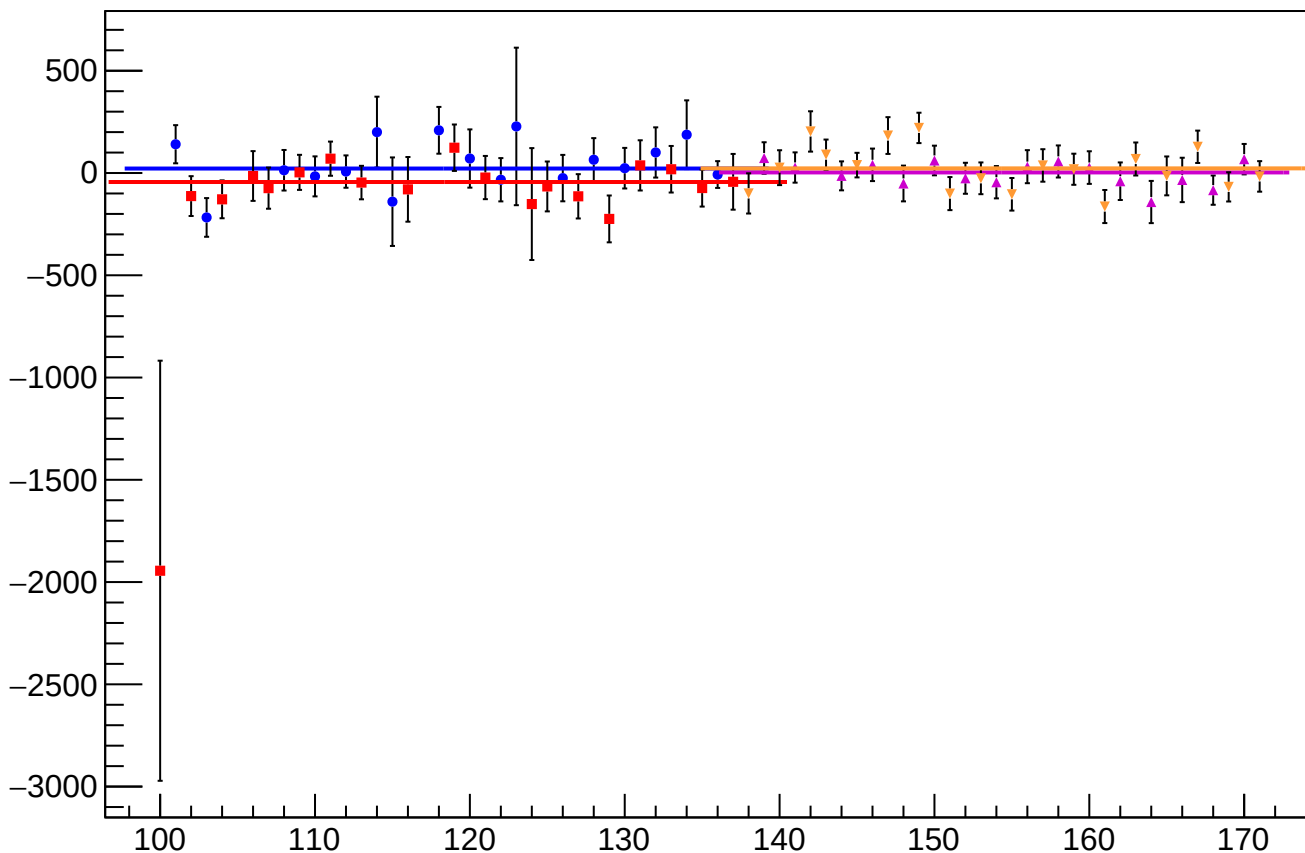
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

Out: 458.497+/-0.090 χ^2/NDF : 921025.4/17

All: 459.012+/-0.065 χ^2/NDF : 1678770.9/33

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: 22.723 $\pm$ 18.668 χ^2 /NDF:30.8/17

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 2.849 $\pm$ 19.960 χ^2 /NDF:8.0/15

Left: 13.450 $\pm$ 13.634 χ^2 /NDF: 39.3/33

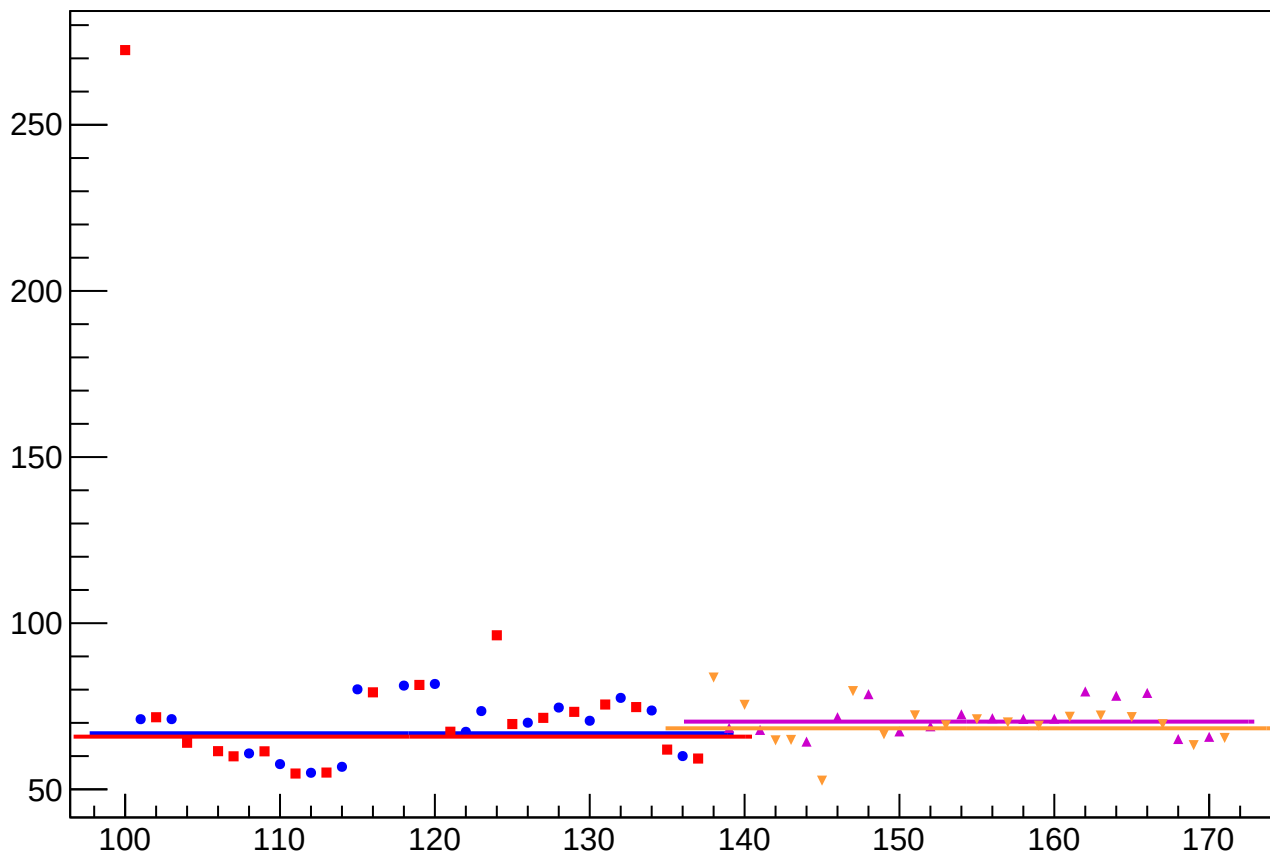
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 9.898 $\pm$ 15.845 χ^2 /NDF:23.4/32

Out: -1.014 $\pm$ 14.981 χ^2 /NDF:48.6/36

All: 4.136 $\pm$ 10.886 χ^2 /NDF: 72.3/69

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: 68.364 $\pm$ 0.013 χ^2/NDF :271664.2/17

Right Out: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

Left In: 70.376 $\pm$ 0.014 χ^2/NDF :104543.3/15

Left: 69.302 $\pm$ 0.010 χ^2/NDF : 387044.9/33

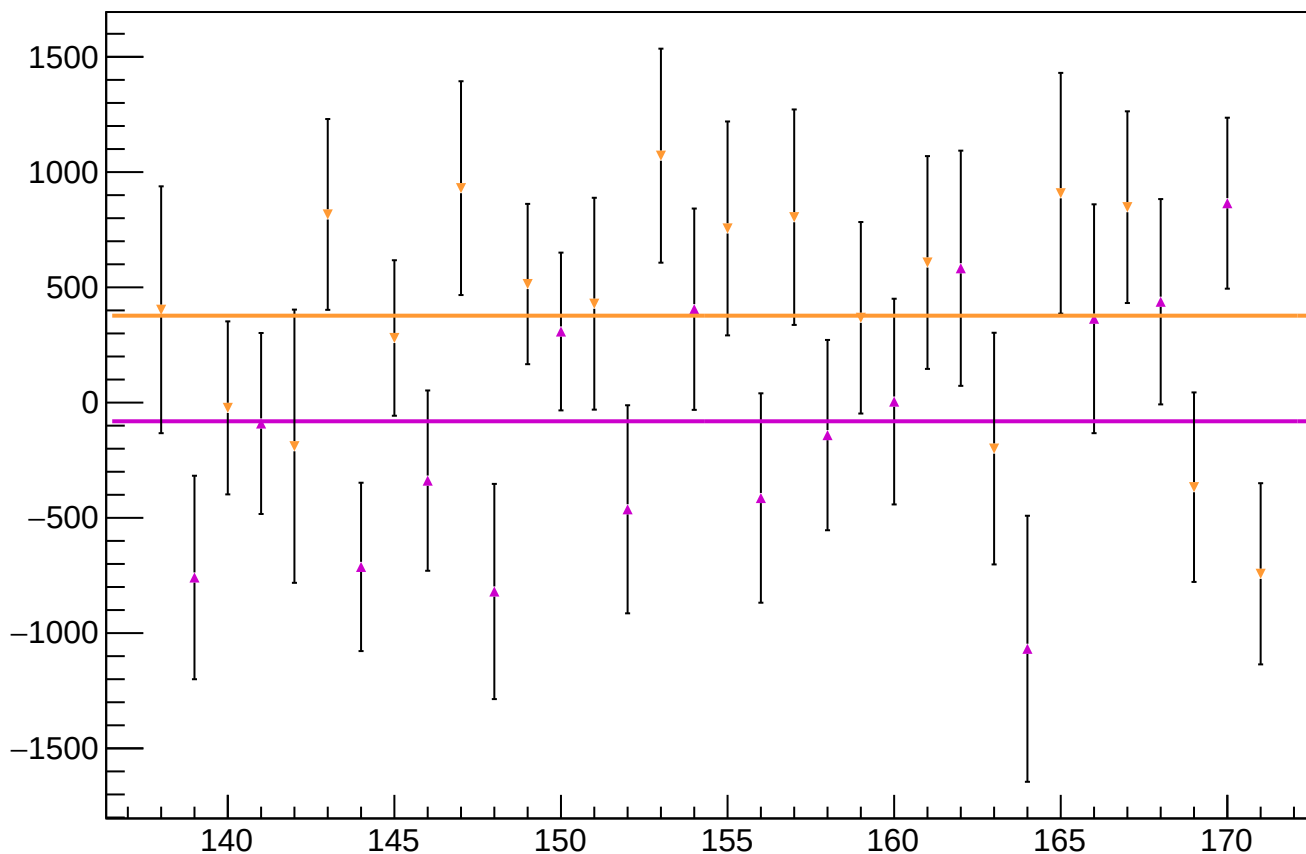
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 69.080 $\pm$ 0.011 χ^2/NDF :329847.8/32

Out: 67.470 $\pm$ 0.011 χ^2/NDF :584406.6/36

All: 68.230 $\pm$ 0.008 χ^2/NDF : 925150.6/69

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: 377.121+/-102.135 χ^2/NDF :23.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.040+/-106.670 χ^2/NDF :25.4/15

Left: 157.987+/-73.771 χ^2/NDF : 58.9/33

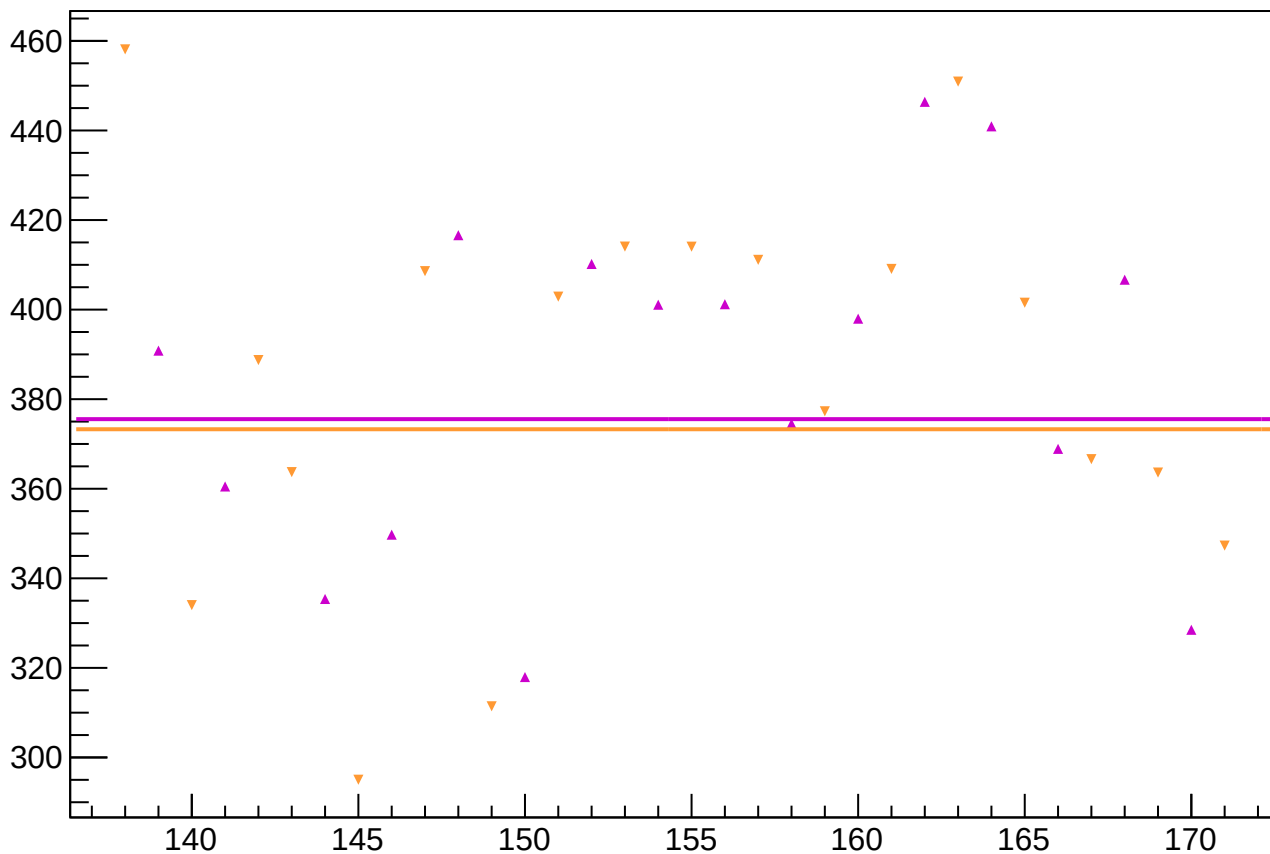
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.040+/-106.670 χ^2/NDF :25.4/15

Out: 377.121+/-102.135 χ^2/NDF :23.9/17

All: 157.987+/-73.771 χ^2/NDF : 58.9/33

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: 373.285+/-0.072 χ^2/NDF : 385505.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 375.543+/-0.075 χ^2/NDF : 246967.4/15

Left: 374.365+/-0.052 χ^2/NDF : 632940.1/33

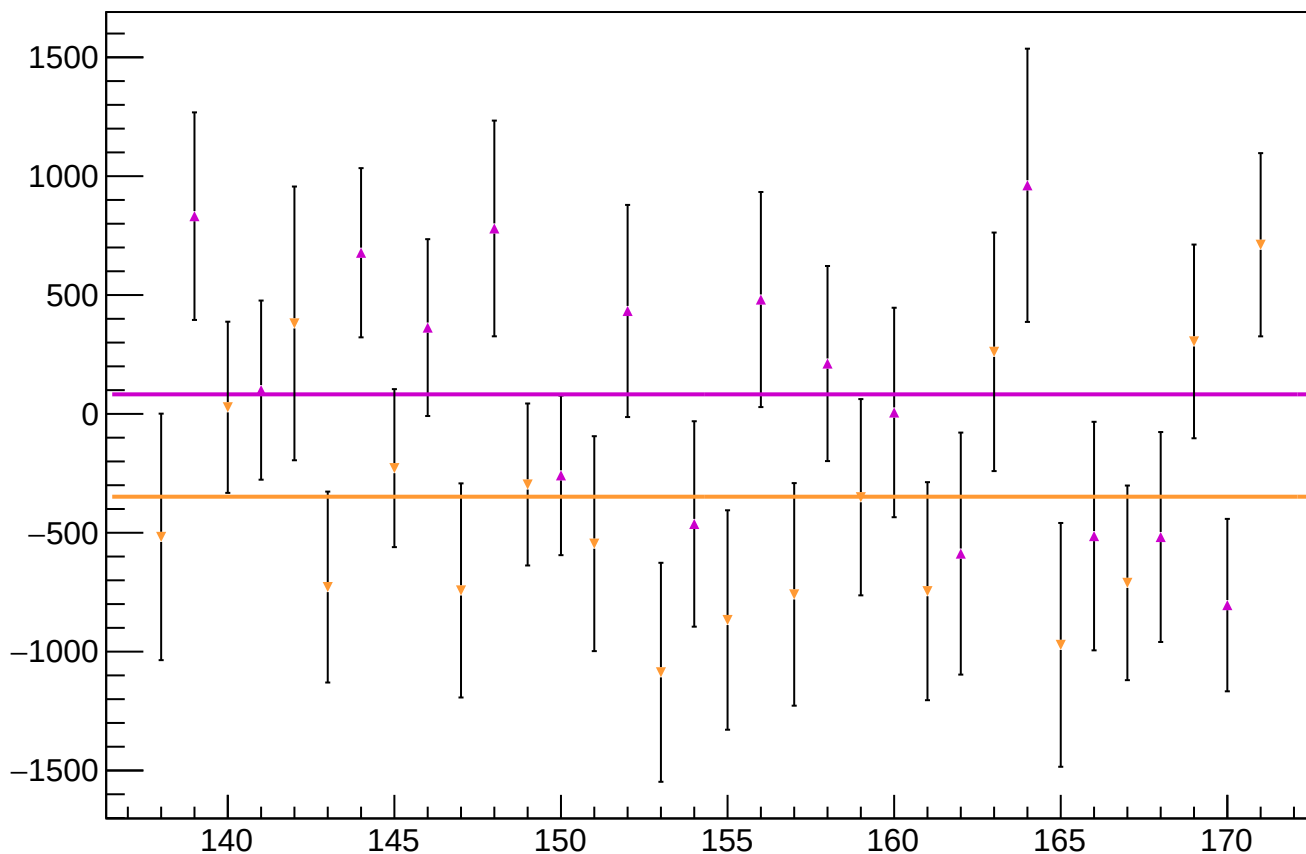
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 375.543+/-0.075 χ^2/NDF : 246967.4/15

Out: 373.285+/-0.072 χ^2/NDF : 385505.3/17

All: 374.365+/-0.052 χ^2/NDF : 632940.1/33

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -348.288+/-100.380 χ^2/NDF :24.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 82.249+/-104.569 χ^2/NDF :26.3/15

Left: -141.816+/-72.415 χ^2/NDF : 59.1/33

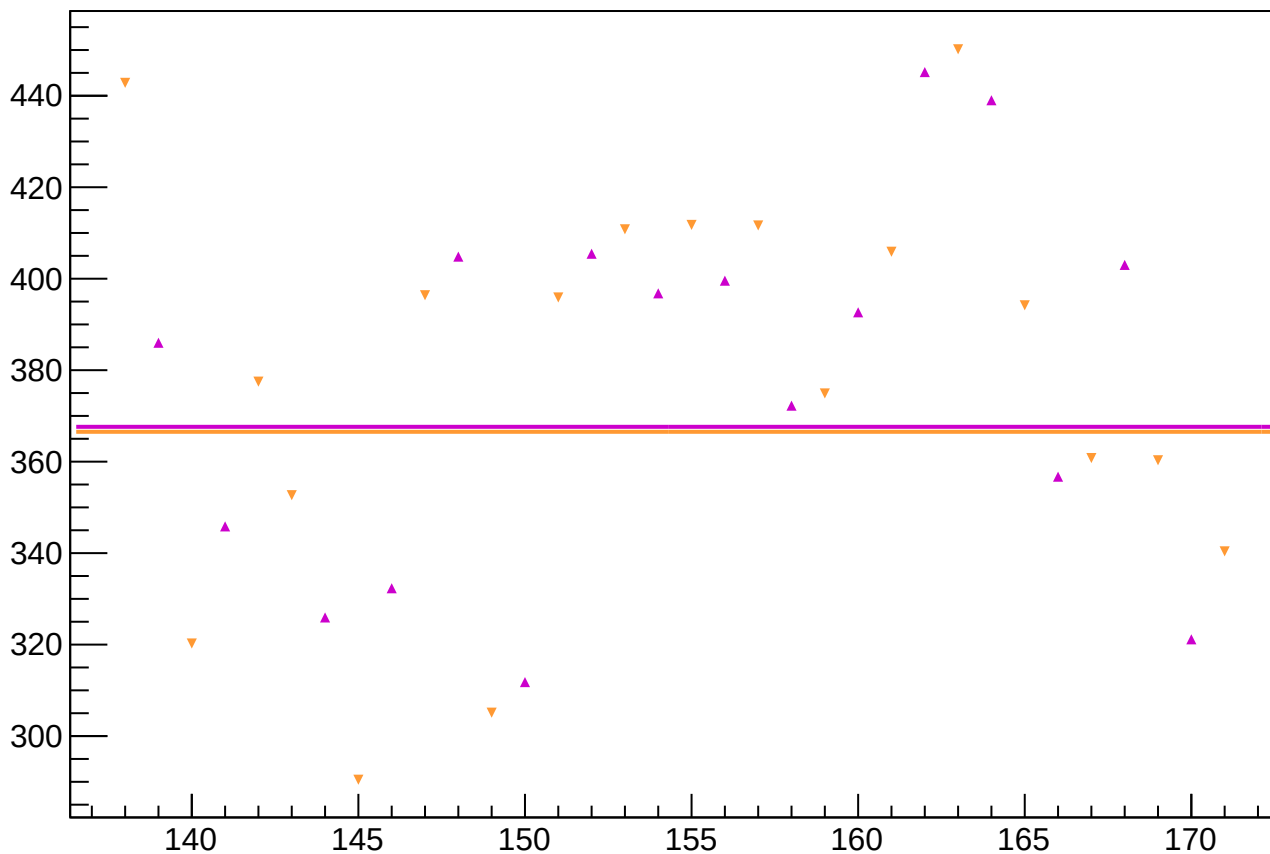
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.249+/-104.569 χ^2/NDF :26.3/15

Out: -348.288+/-100.380 χ^2/NDF :24.0/17

All: -141.816+/-72.415 χ^2/NDF : 59.1/33

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 366.528+/-0.071 χ^2/NDF : 409767.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.618+/-0.074 χ^2/NDF : 288622.2/15

Left: 367.051+/-0.051 χ^2/NDF : 698503.0/33

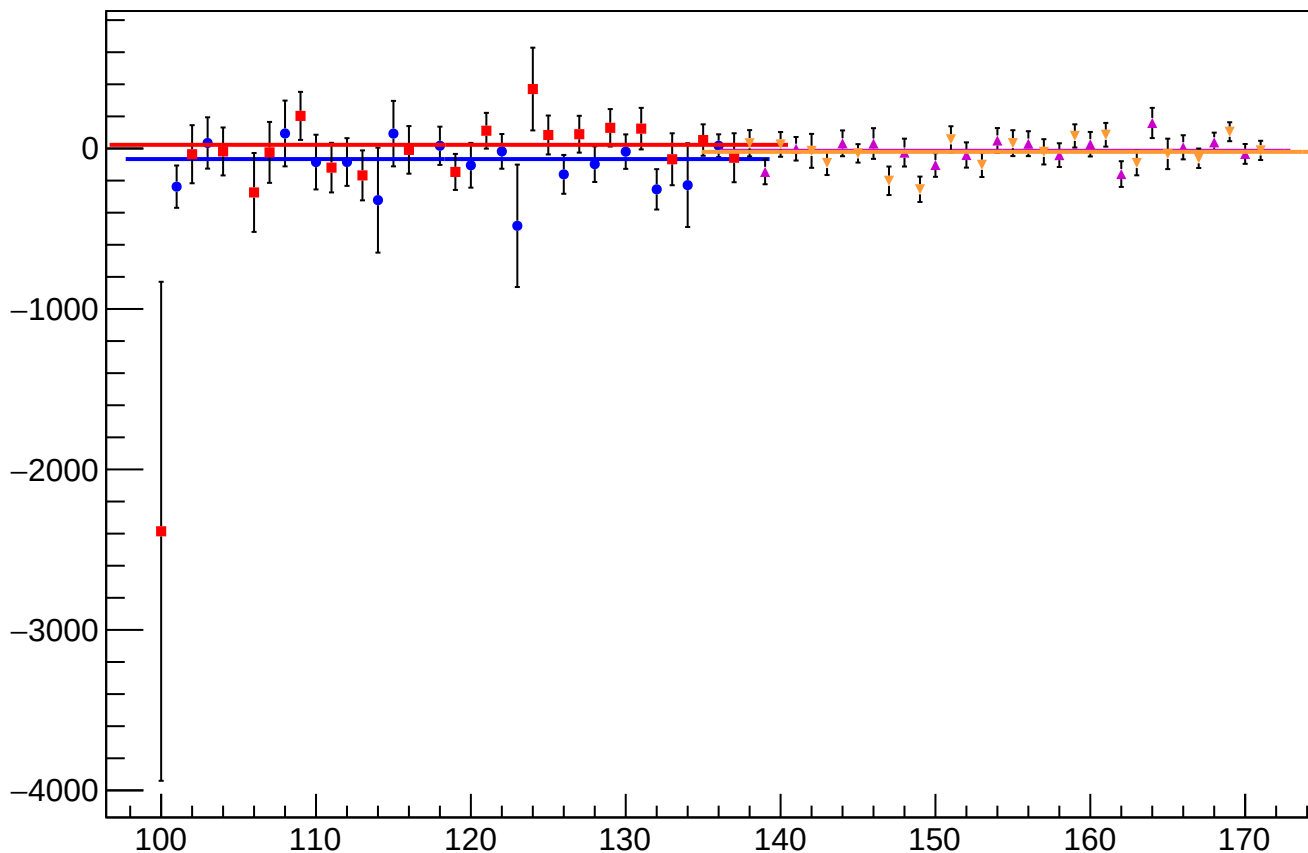
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.618+/-0.074 χ^2/NDF : 288622.2/15

Out: 366.528+/-0.071 χ^2/NDF : 409767.7/17

All: 367.051+/-0.051 χ^2/NDF : 698503.0/33

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: -20.888 ± 17.404 χ^2/NDF : 26.8/17

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -14.140 ± 19.026 χ^2/NDF : 14.1/15

Left: -17.814 ± 12.842 χ^2/NDF : 40.9/33

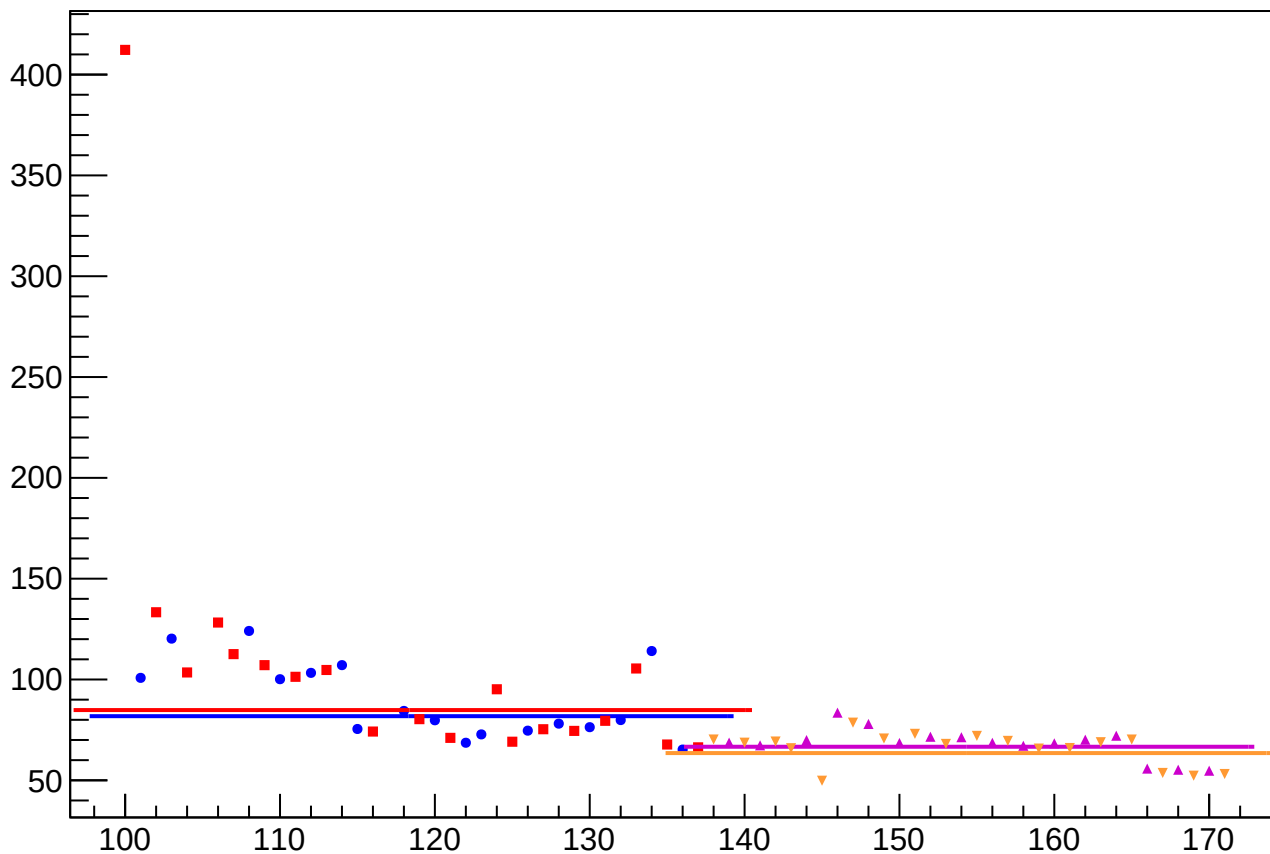
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -27.499 ± 16.392 χ^2/NDF : 26.8/32

Out: -11.259 ± 15.372 χ^2/NDF : 43.5/36

All: -18.858 ± 11.213 χ^2/NDF : 70.8/69

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 63.509 $\pm$ 0.012 χ^2/NDF : 495865.6/17

Right Out: 84.836 $\pm$ 0.023 χ^2/NDF : 704648.9/18

Left In: 66.646 $\pm$ 0.013 χ^2/NDF : 317387.9/15

Left: 64.938 $\pm$ 0.009 χ^2/NDF : 842867.2/33

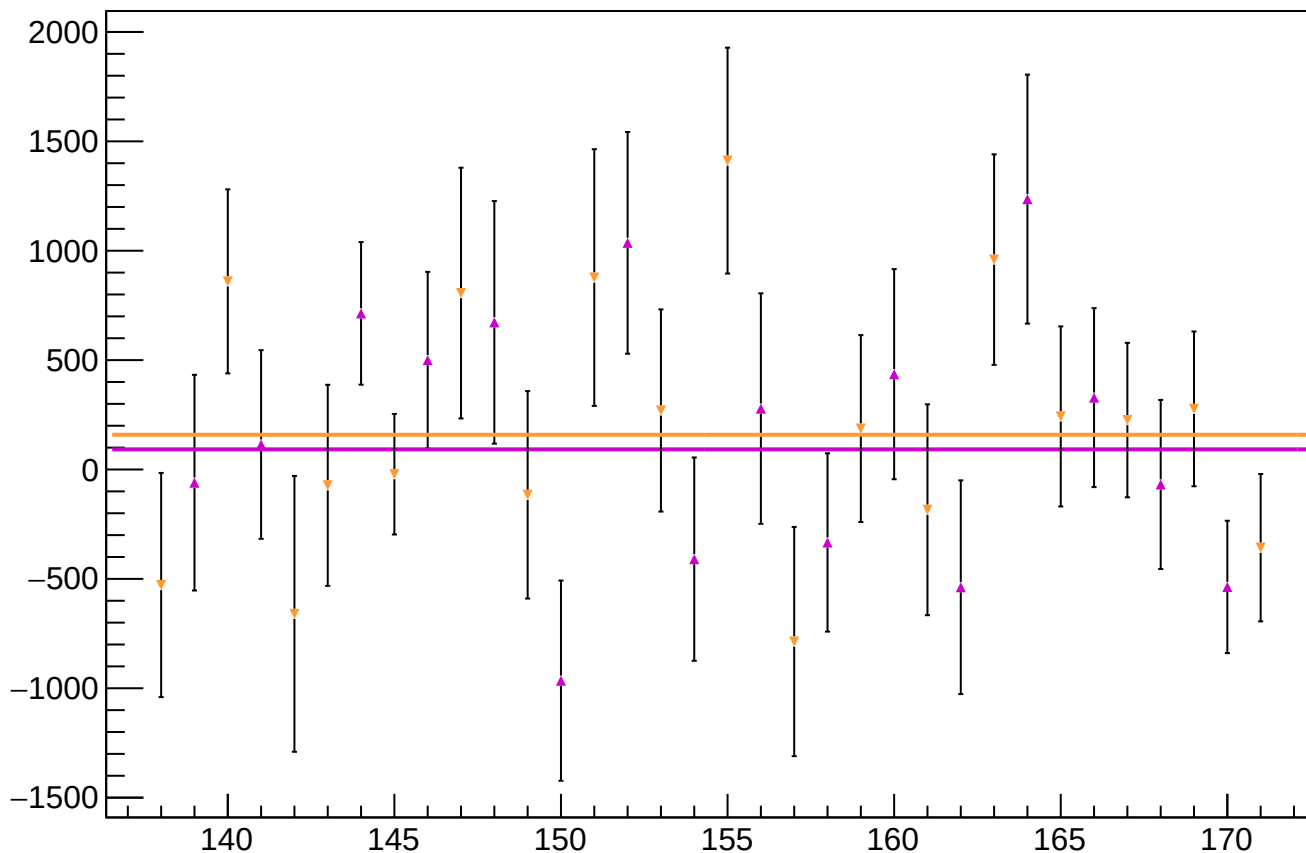
Right: 83.300 $\pm$ 0.016 χ^2/NDF : 1220504.3/35

In: 70.554 $\pm$ 0.012 χ^2/NDF : 1151941.3/32

Out: 68.198 $\pm$ 0.011 χ^2/NDF : 1860915.0/36

All: 69.300 $\pm$ 0.008 χ^2/NDF : 3034838.7/69

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: 158.799+/-101.436 χ^2/NDF :25.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 92.055+/-107.551 χ^2/NDF :28.1/15

Left: 127.378+/-73.793 χ^2/NDF : 53.4/33

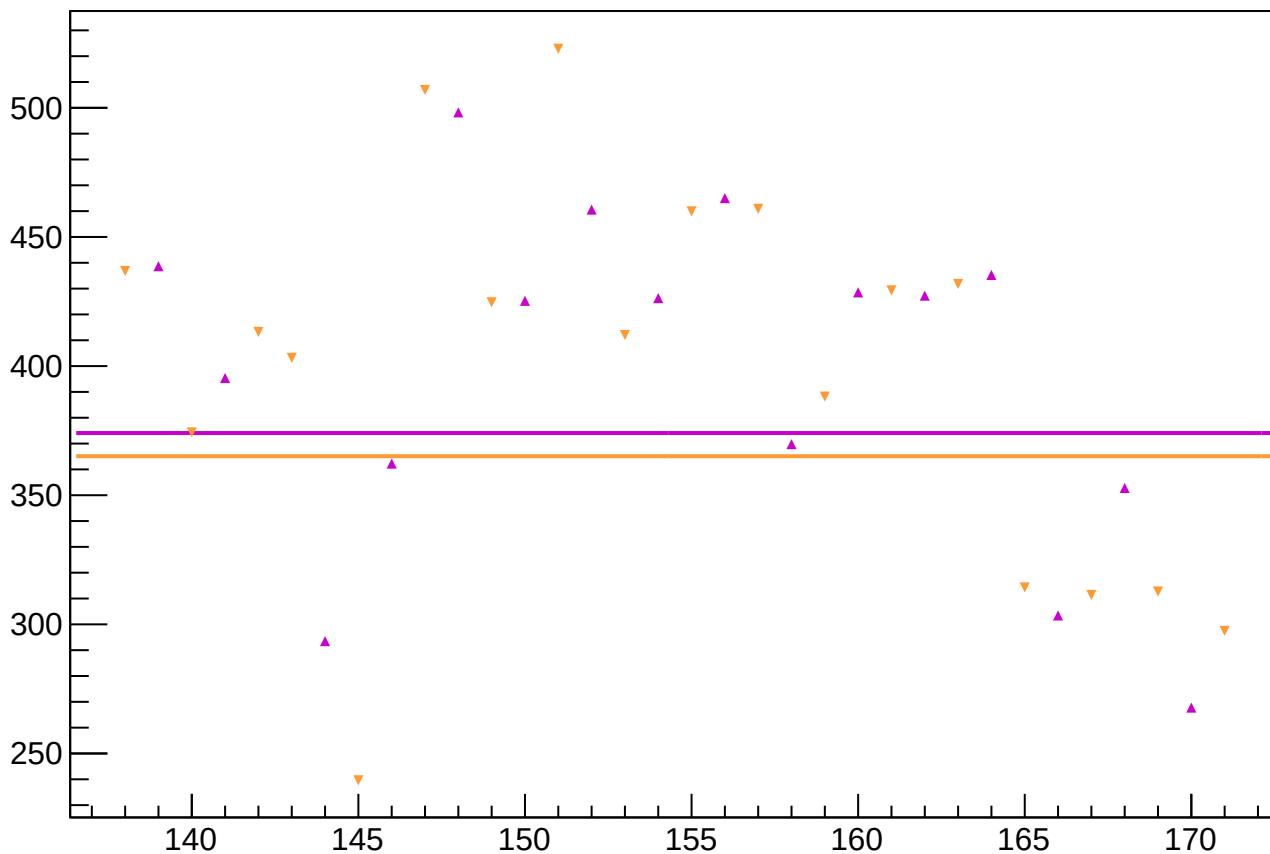
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.055+/-107.551 χ^2/NDF :28.1/15

Out: 158.799+/-101.436 χ^2/NDF :25.1/17

All: 127.378+/-73.793 χ^2/NDF : 53.4/33

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: 365.098+/-0.072 χ^2/NDF :1214845.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 374.081+/-0.076 χ^2/NDF :817299.3/15

Left: 369.327+/-0.052 χ^2/NDF : 2039529.3/33

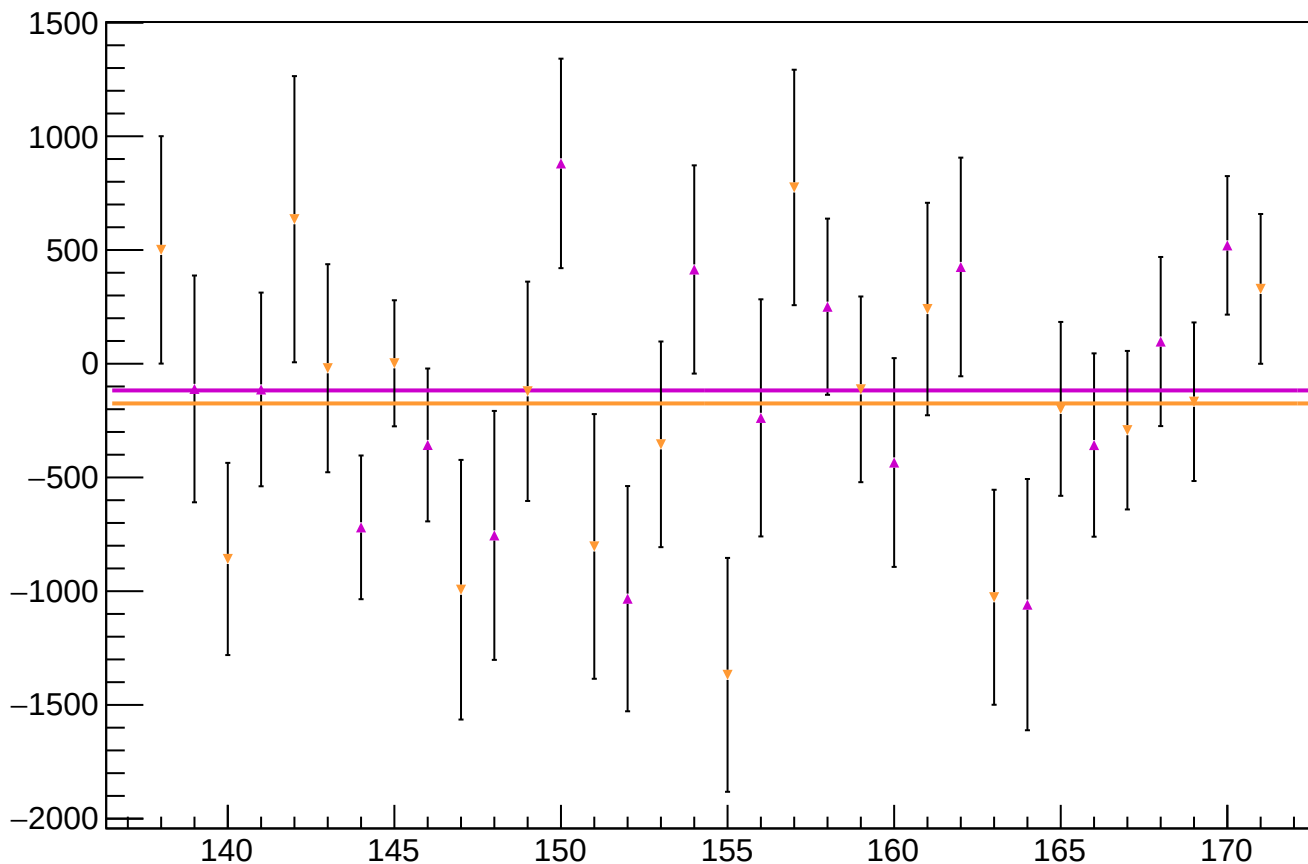
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 374.081+/-0.076 χ^2/NDF :817299.3/15

Out: 365.098+/-0.072 χ^2/NDF :1214845.7/17

All: 369.327+/-0.052 χ^2/NDF : 2039529.3/33

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -174.593+/-99.867 χ^2/NDF :25.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -117.386+/-104.143 χ^2/NDF :25.7/15

Left: -147.188+/-72.081 χ^2/NDF : 51.1/33

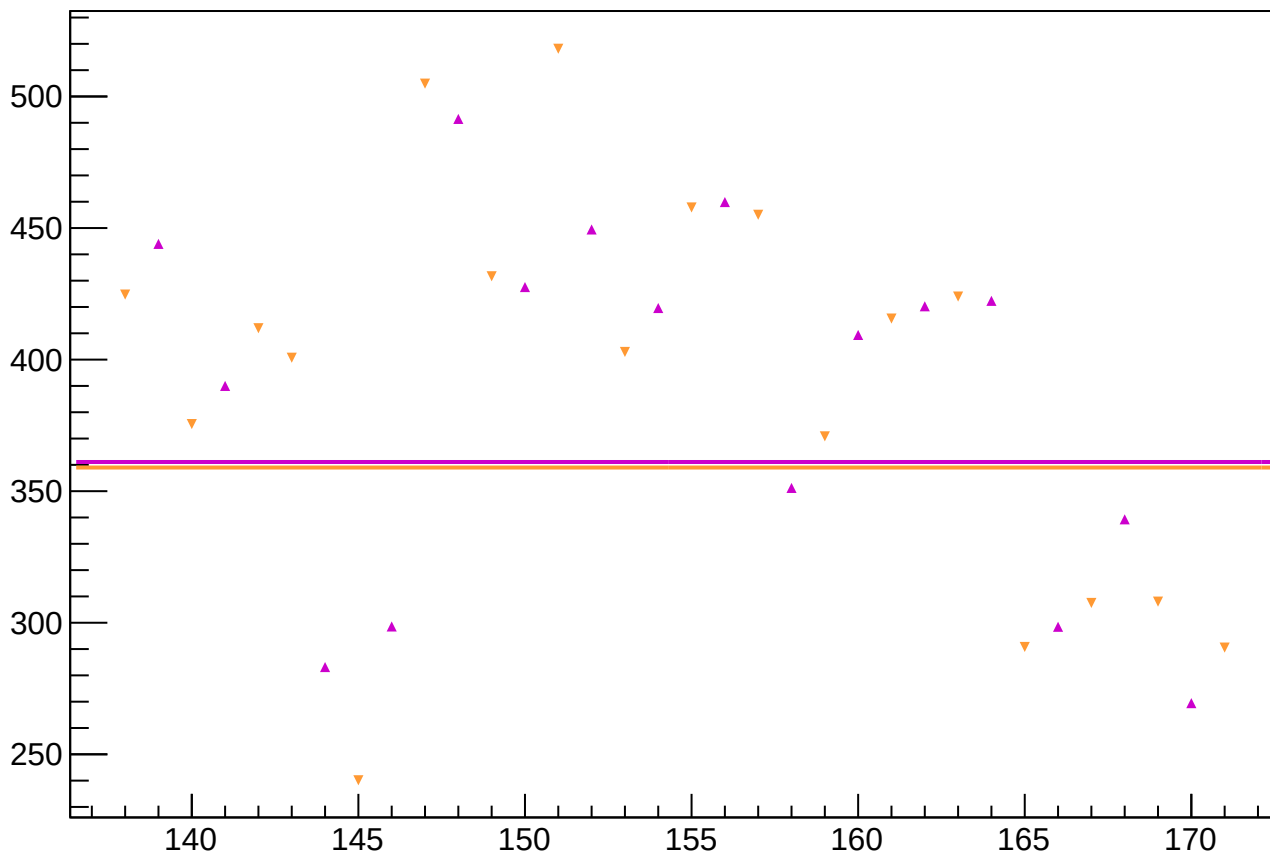
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -117.386+/-104.143 χ^2/NDF :25.7/15

Out: -174.593+/-99.867 χ^2/NDF :25.3/17

All: -147.188+/-72.081 χ^2/NDF : 51.1/33

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 358.987+/-0.071 χ^2/NDF :1229127.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 361.090+/-0.074 χ^2/NDF :893539.3/15

Left: 359.995+/-0.051 χ^2/NDF : 2123092.0/33

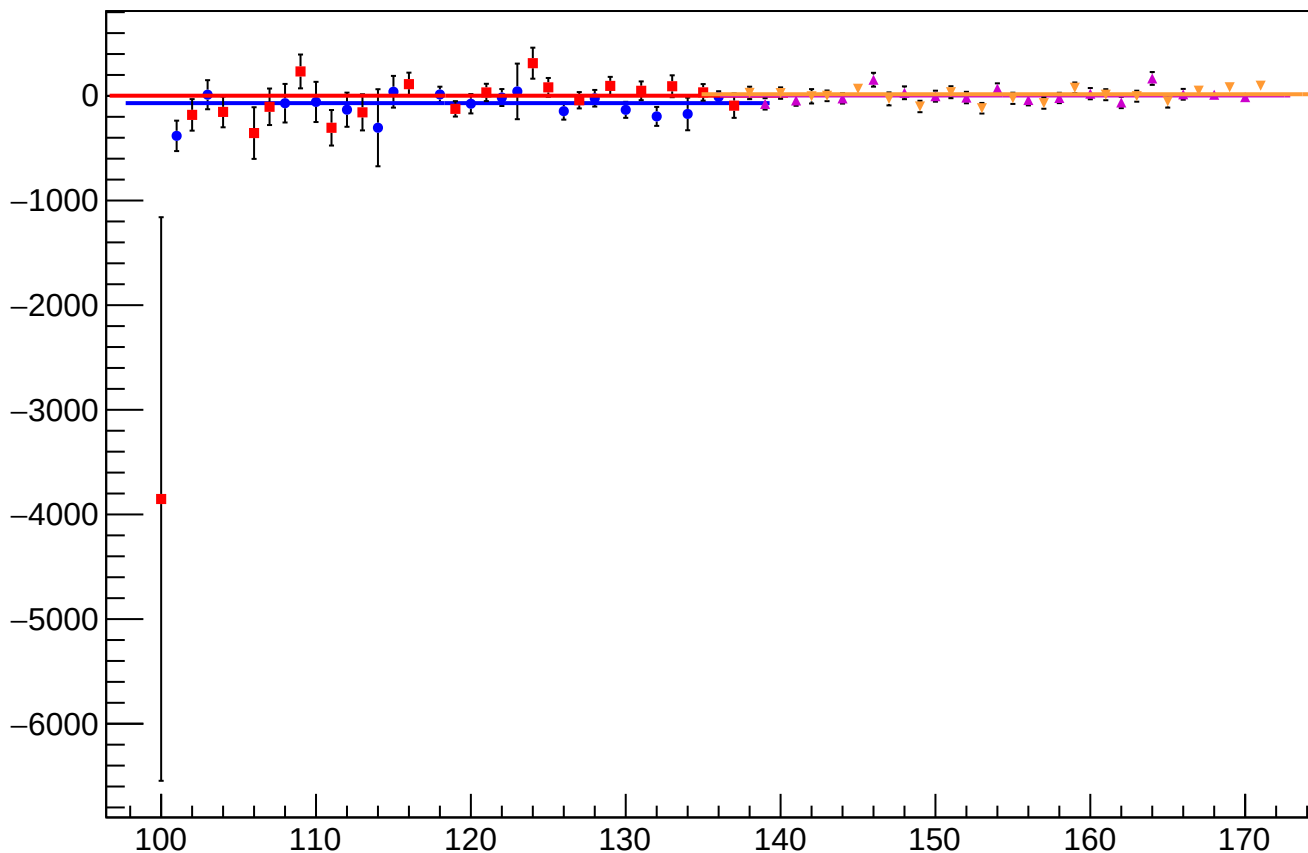
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.090+/-0.074 χ^2/NDF :893539.3/15

Out: 358.987+/-0.071 χ^2/NDF :1229127.6/17

All: 359.995+/-0.051 χ^2/NDF : 2123092.0/33

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: 15.740 ± 11.893 χ^2/NDF : 27.9/17

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 3.967 ± 12.861 χ^2/NDF : 20.4/15

Left: 10.313 ± 8.732 χ^2/NDF : 48.8/33

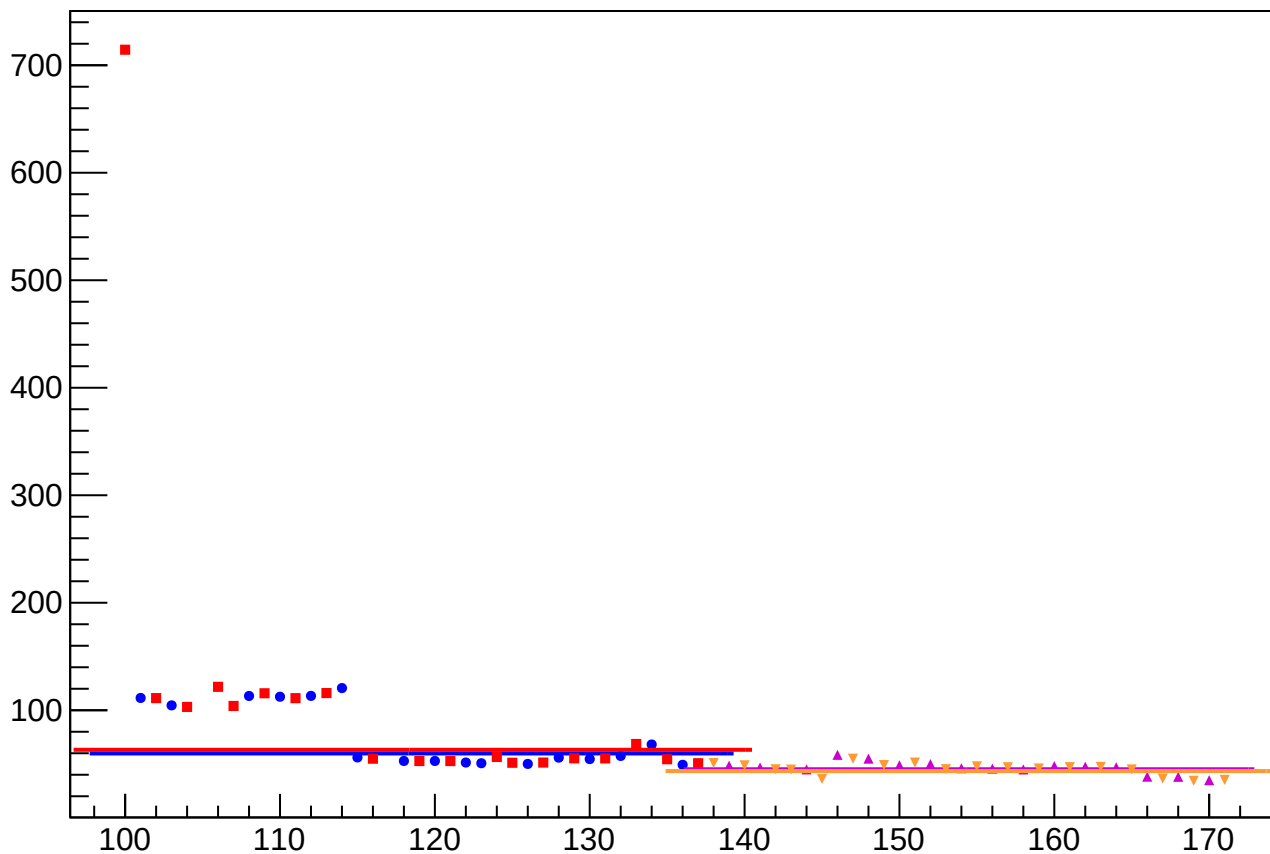
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -12.081 ± 11.363 χ^2/NDF : 41.0/32

Out: 13.188 ± 10.754 χ^2/NDF : 54.0/36

All: 1.248 ± 7.811 χ^2/NDF : 97.6/69

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 43.420 $\pm$ 0.008 χ^2 /NDF: 546078.4/17

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 45.134 $\pm$ 0.009 χ^2 /NDF: 407152.9/15

Left: 44.210 $\pm$ 0.006 χ^2 /NDF: 972369.3/33

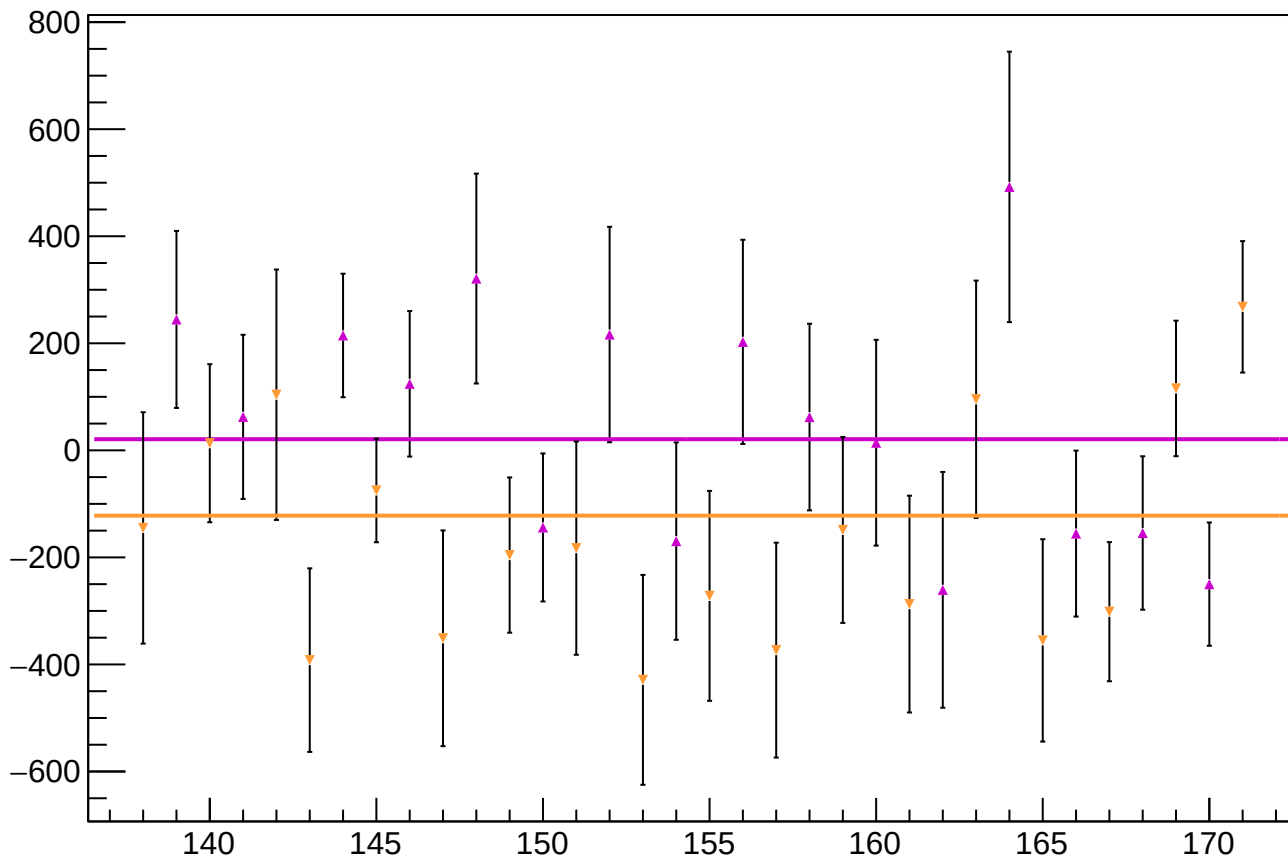
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 48.353 $\pm$ 0.008 χ^2 /NDF: 2208407.2/32

Out: 47.031 $\pm$ 0.008 χ^2 /NDF: 3061309.1/36

All: 47.655 $\pm$ 0.006 χ^2 /NDF: 5284006.4/69

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: -122.005+/-37.947 χ^2/NDF :29.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.811+/-39.833 χ^2/NDF :25.5/15

Left: -54.058+/-27.475 χ^2/NDF : 61.7/33

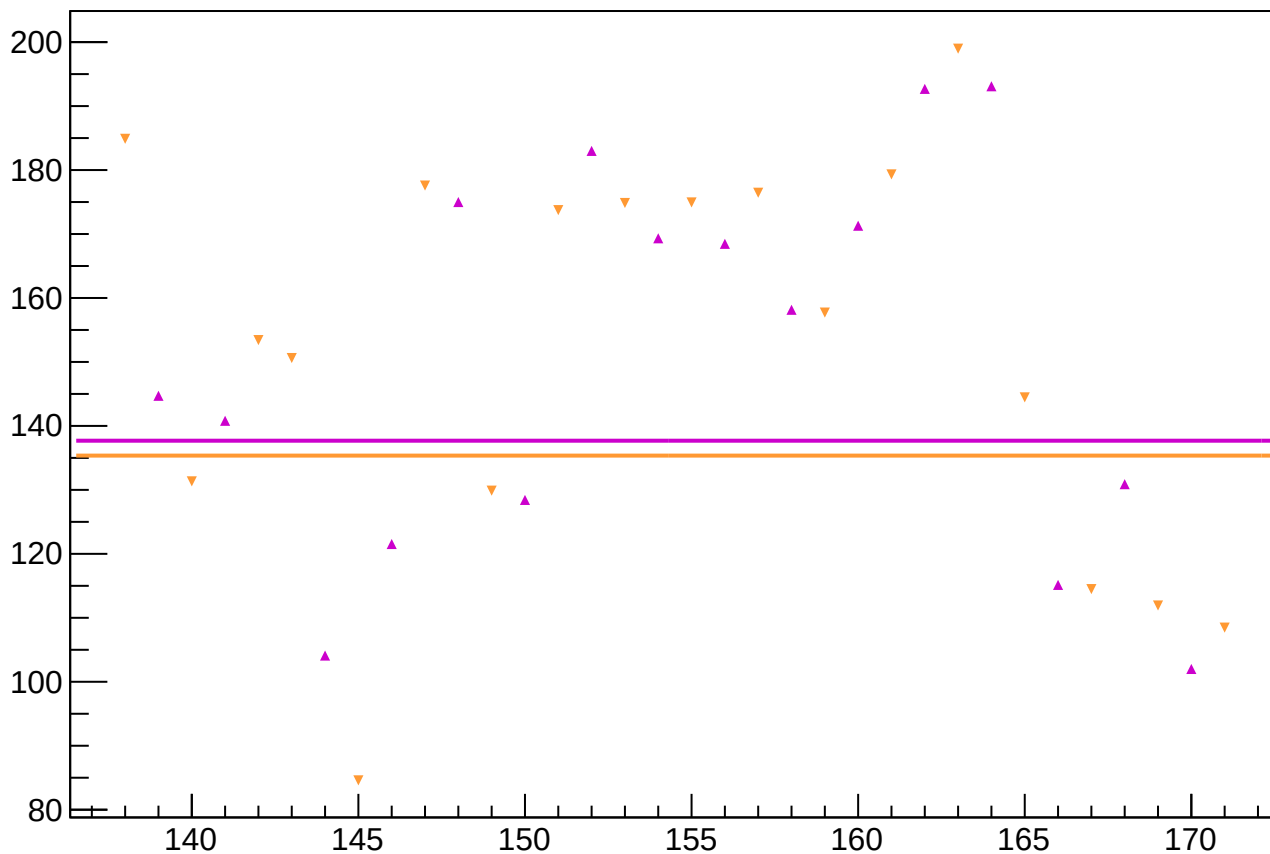
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.811+/-39.833 χ^2/NDF :25.5/15

Out: -122.005+/-37.947 χ^2/NDF :29.4/17

All: -54.058+/-27.475 χ^2/NDF : 61.7/33

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: 135.359+/-0.027 χ^2/NDF :1609246.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.687+/-0.028 χ^2/NDF :1044462.8/15

Left: 136.466+/-0.019 χ^2/NDF : 2657293.4/33

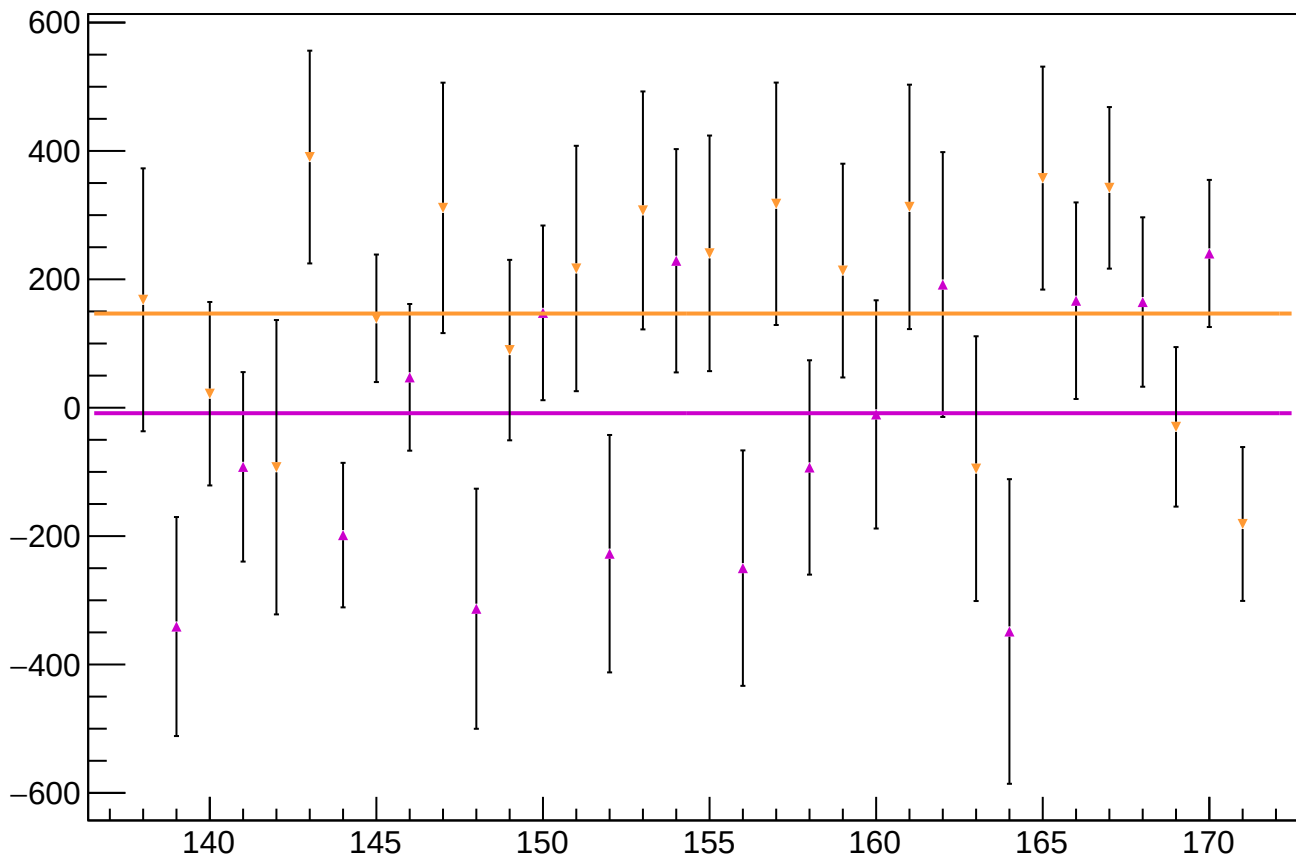
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.687+/-0.028 χ^2/NDF :1044462.8/15

Out: 135.359+/-0.027 χ^2/NDF :1609246.9/17

All: 136.466+/-0.019 χ^2/NDF : 2657293.4/33

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 146.707 $\pm$ 36.795 χ^2 /NDF:22.6/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -8.550 $\pm$ 37.919 χ^2 /NDF:27.2/15

Left: 71.414 $\pm$ 26.406 χ^2 /NDF: 58.4/33

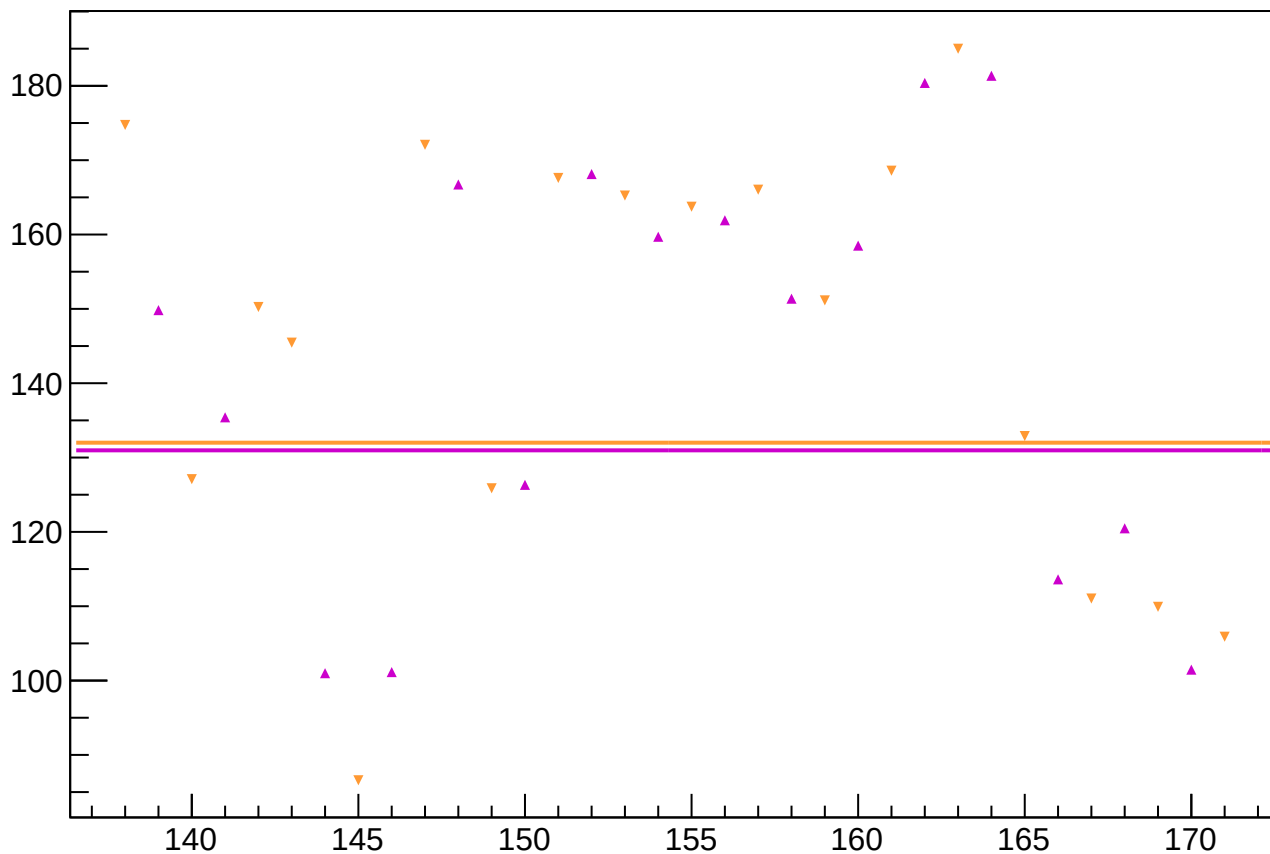
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.550 $\pm$ 37.919 χ^2 /NDF:27.2/15

Out: 146.707 $\pm$ 36.795 χ^2 /NDF:22.6/17

All: 71.414 $\pm$ 26.406 χ^2 /NDF: 58.4/33

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.000+/-0.026 χ^2/NDF :1326169.2/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

Left: 131.501+/-0.019 χ^2/NDF : 2352943.7/33

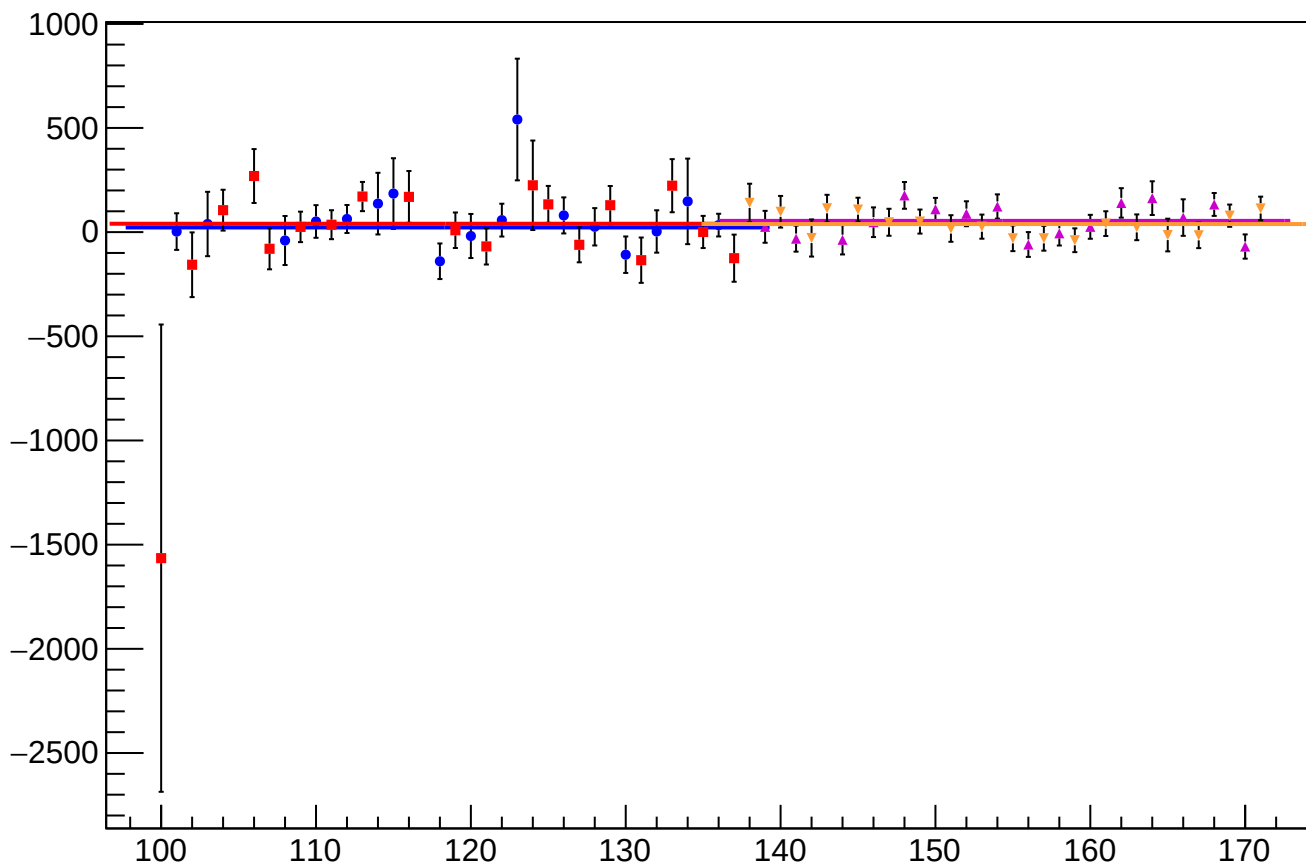
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

Out: 132.000+/-0.026 χ^2/NDF :1326169.2/17

All: 131.501+/-0.019 χ^2/NDF : 2352943.7/33

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.732 $\pm$ 14.849 χ^2 /NDF:13.5/17

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 53.946 $\pm$ 15.872 χ^2 /NDF:24.9/15

Left: 45.833 $\pm$ 10.843 χ^2 /NDF: 38.8/33

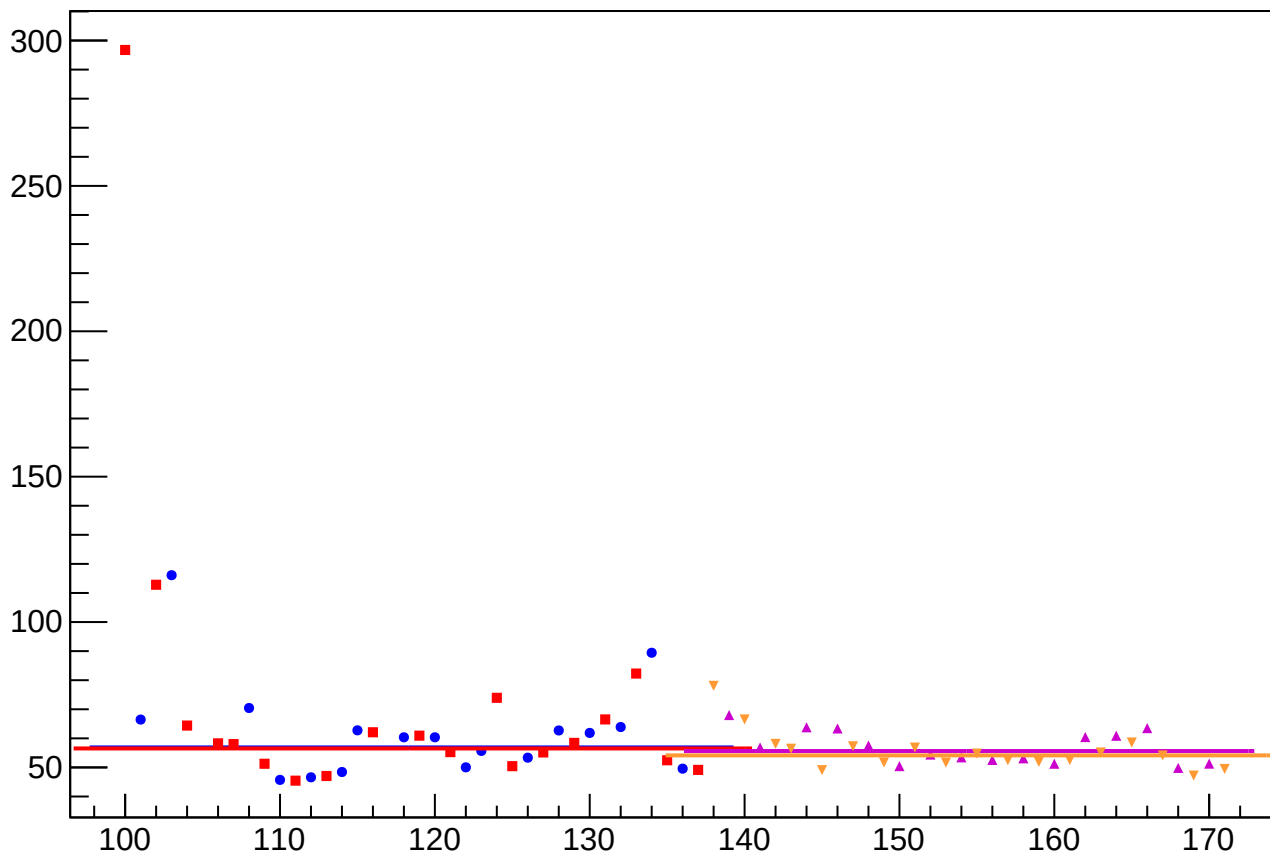
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 43.528 $\pm$ 12.994 χ^2 /NDF:38.8/32

Out: 39.201 $\pm$ 12.331 χ^2 /NDF:39.7/36

All: 41.251 $\pm$ 8.944 χ^2 /NDF: 78.6/69

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: 54.142 $\pm$ 0.010 χ^2 /NDF: 286832.7/17

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 55.639 $\pm$ 0.011 χ^2 /NDF: 215002.2/15

Left: 54.841 $\pm$ 0.008 χ^2 /NDF: 511316.1/33

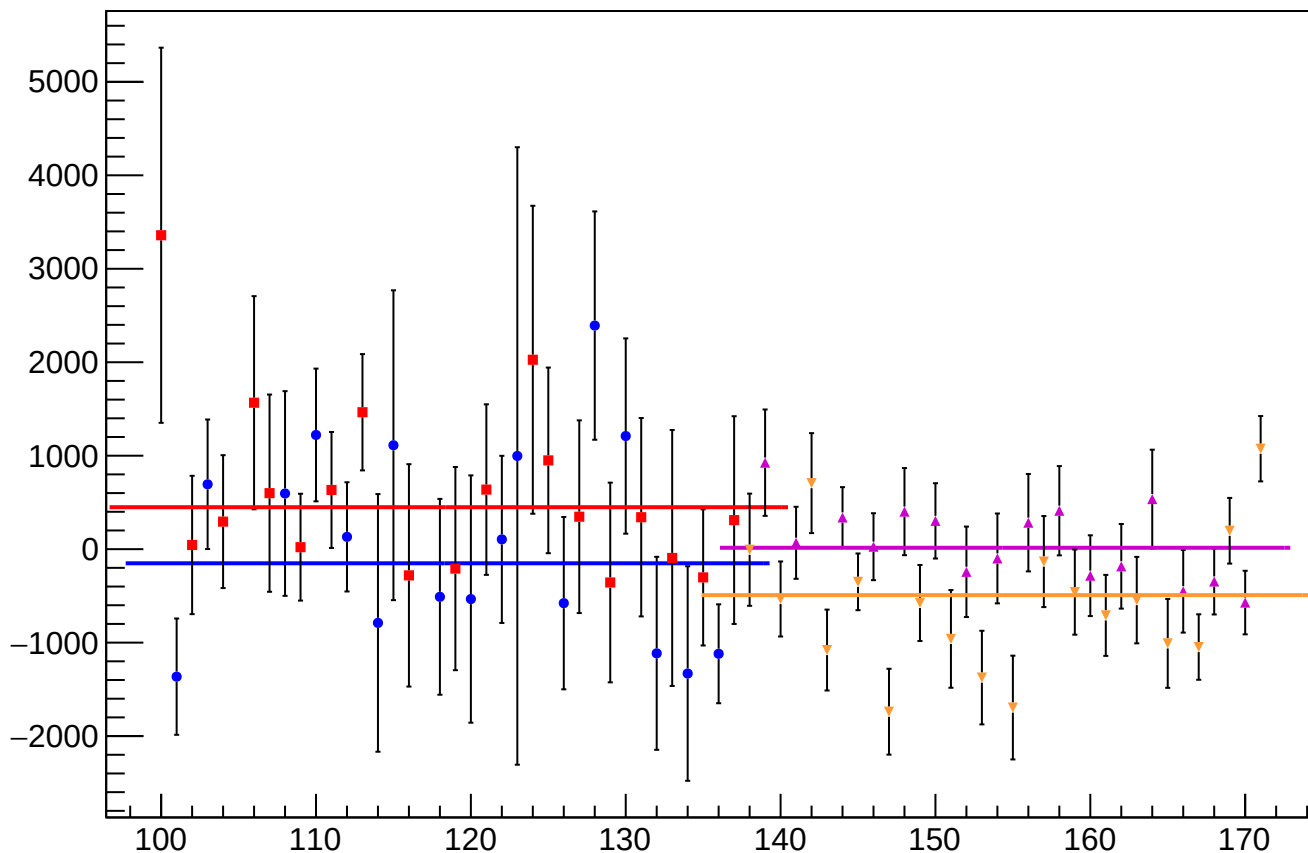
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.048 $\pm$ 0.009 χ^2 /NDF: 794515.9/32

Out: 54.883 $\pm$ 0.009 χ^2 /NDF: 915128.8/36

All: 55.435 $\pm$ 0.006 χ^2 /NDF: 1718104.8/69

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -491.800+/-100.882 χ^2/NDF : 52.2/17

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 14.826+/-105.317 χ^2/NDF : 12.8/15

Left: -249.379+/-72.852 χ^2/NDF : 77.1/33

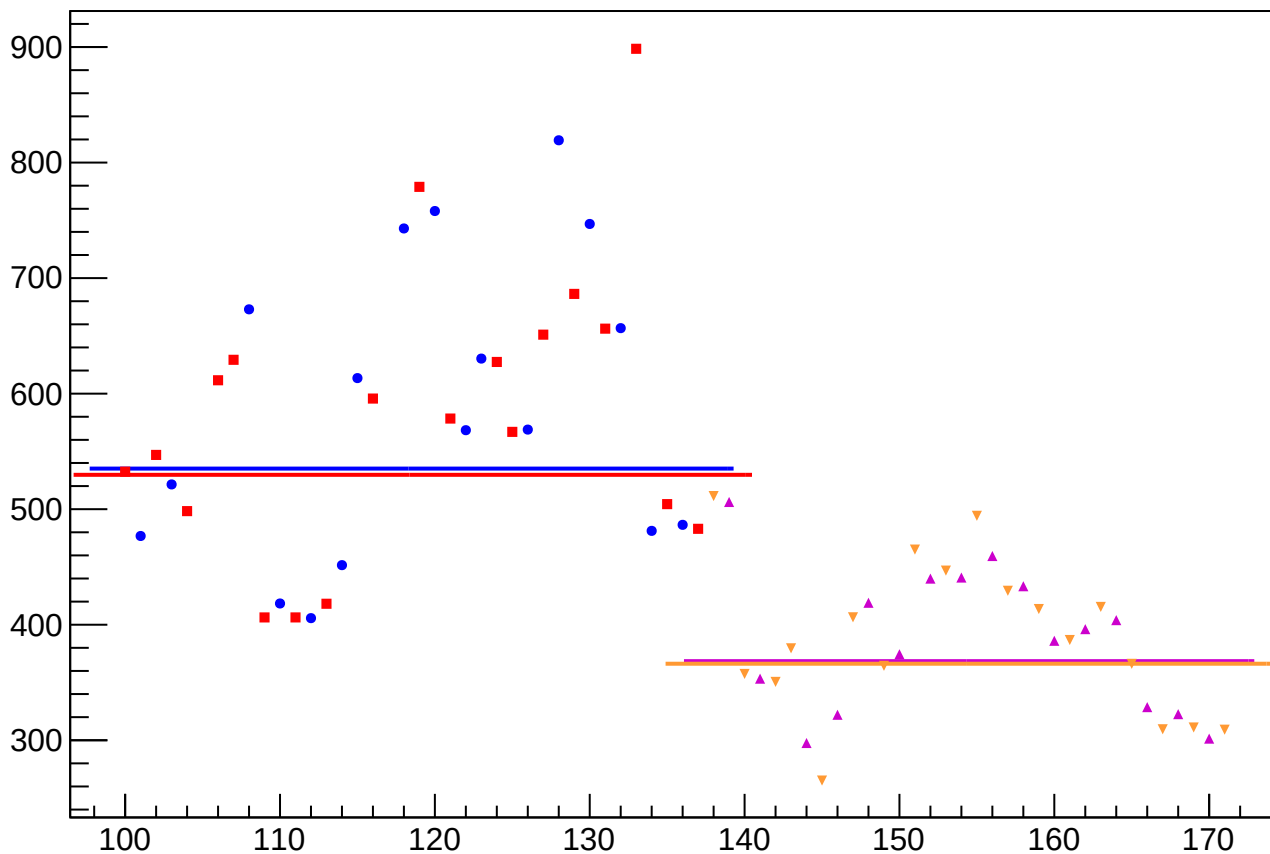
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: -17.925+/-94.359 χ^2/NDF : 35.8/32

Out: -306.950+/-90.429 χ^2/NDF : 79.8/36

All: -168.582+/-65.288 χ^2/NDF : 120.5/69

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 366.240+/-0.071 χ^2/NDF : 826261.7/17

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 368.475+/-0.074 χ^2/NDF : 607571.2/15

Left: 367.309+/-0.052 χ^2/NDF : 1434302.7/33

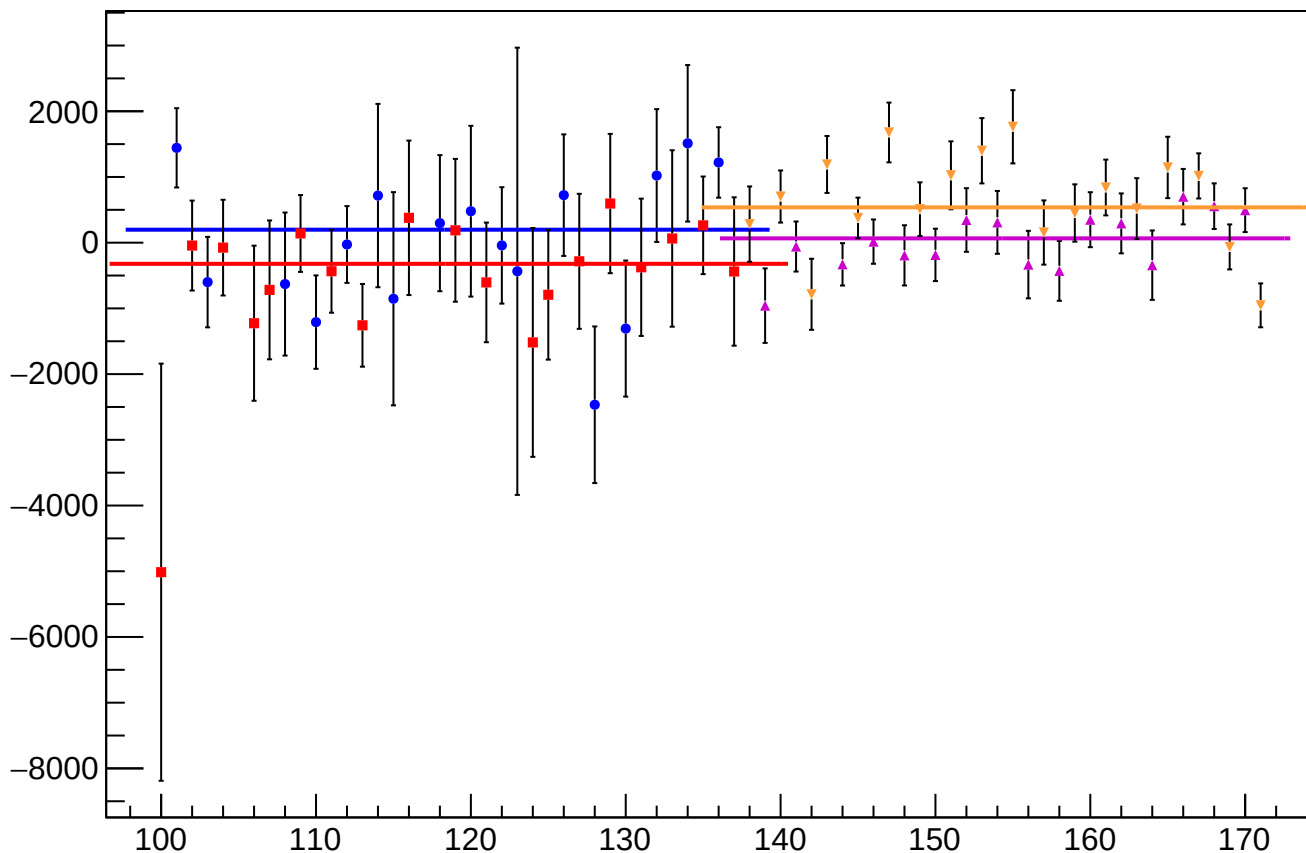
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 401.353+/-0.067 χ^2/NDF : 2191683.8/32

Out: 398.369+/-0.064 χ^2/NDF : 2505375.2/36

All: 399.797+/-0.046 χ^2/NDF : 4698101.5/69

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 537.506 $\pm$ 99.634 χ^2 /NDF:51.8/17

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: 65.594 $\pm$ 103.260 χ^2 /NDF:15.2/15

Left: 309.981 $\pm$ 71.700 χ^2 /NDF: 77.8/33

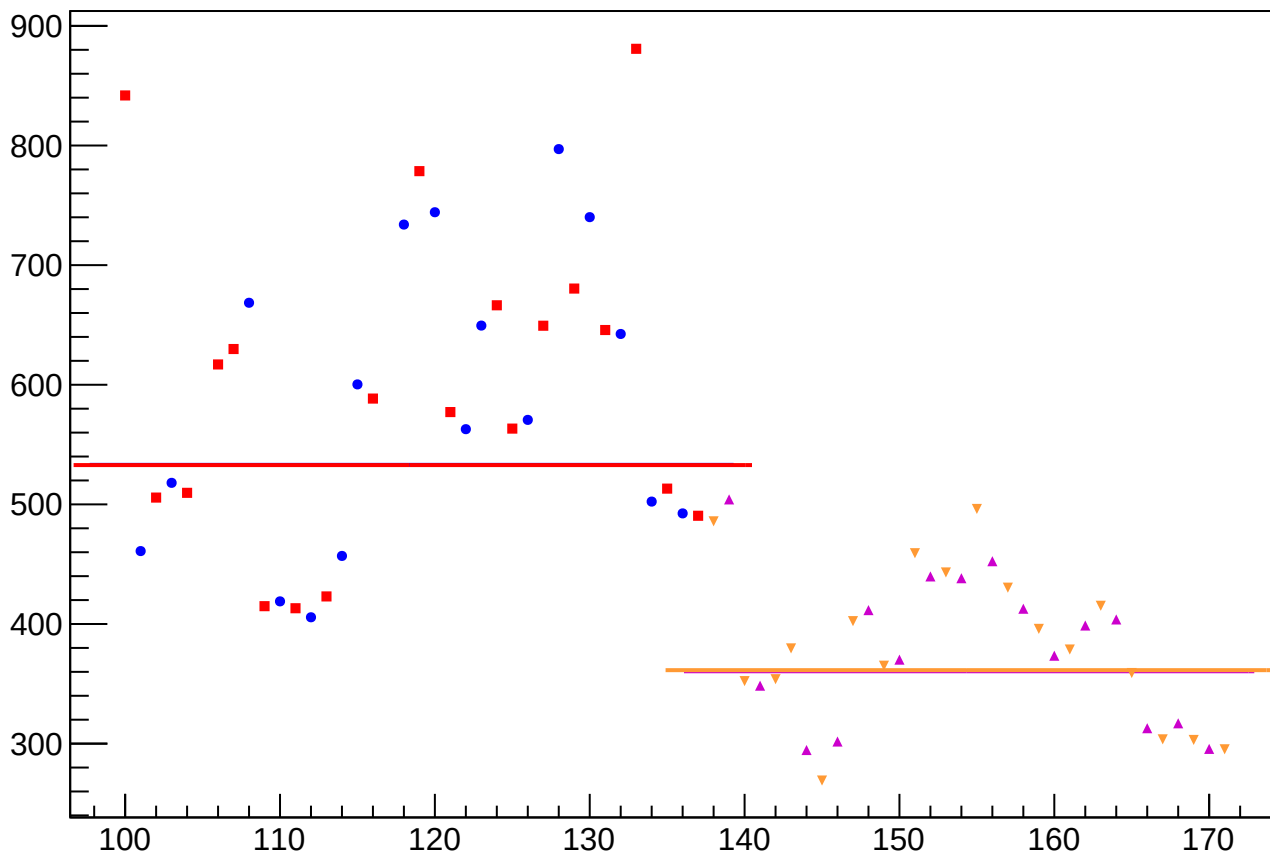
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 91.000 $\pm$ 92.790 χ^2 /NDF:39.4/32

Out: 373.703 $\pm$ 89.633 χ^2 /NDF:74.8/36

All: 237.241 $\pm$ 64.467 χ^2 /NDF: 119.1/69

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 361.408+/-0.070 χ^2/NDF : 813024.3/17

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 360.494+/-0.073 χ^2/NDF : 659919.1/15

Left: 360.968+/-0.051 χ^2/NDF : 1473024.5/33

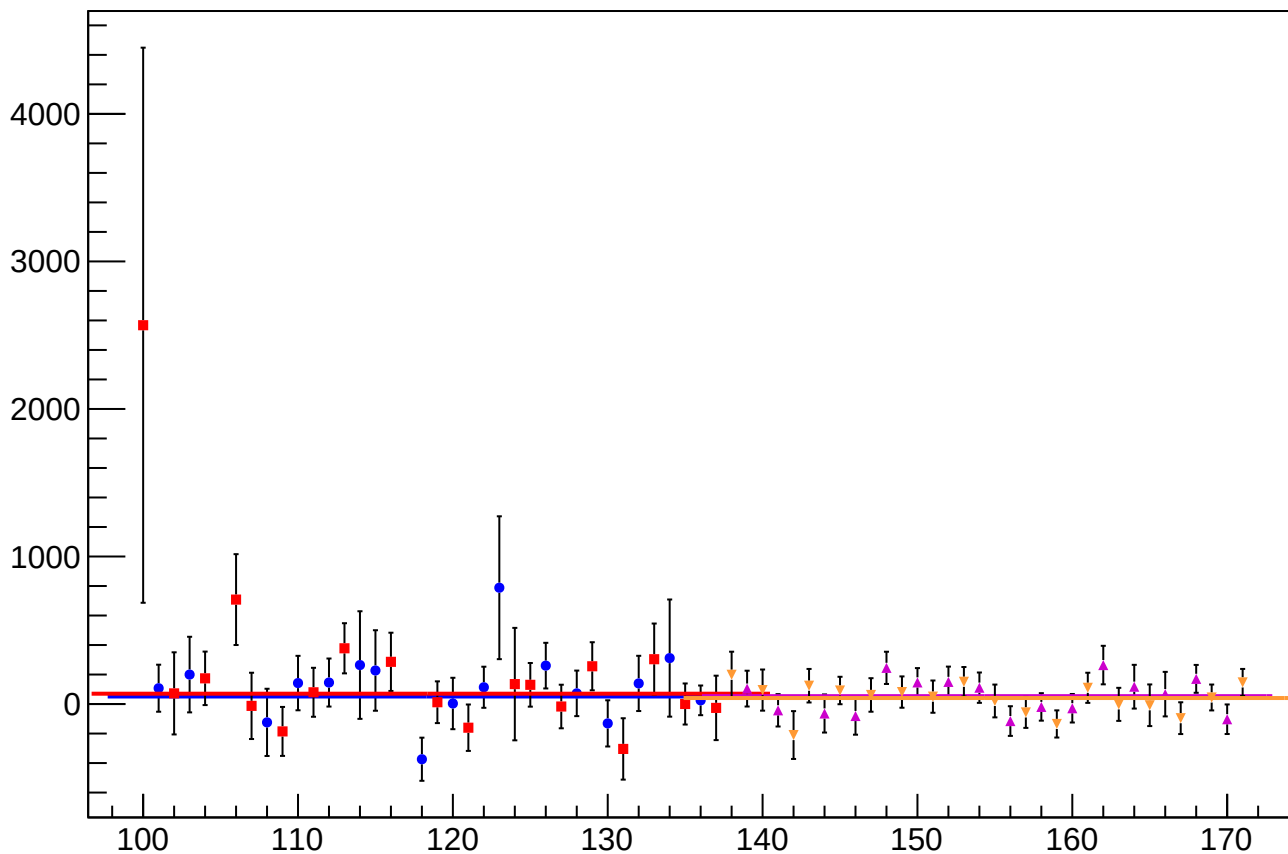
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 393.710+/-0.066 χ^2/NDF : 2301728.5/32

Out: 394.099+/-0.063 χ^2/NDF : 2559184.8/36

All: 393.911+/-0.046 χ^2/NDF : 4860931.5/69

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 40.710+/-25.609 χ^2/NDF :14.0/17

Right Out: 70.072 ± 42.792 χ^2/NDF : 22.1/18

Left In: 53.502+/-27.404 χ^2/NDF :19.0/15

Left: 46.674 ± 18.711 χ^2/NDF : 33.1/33

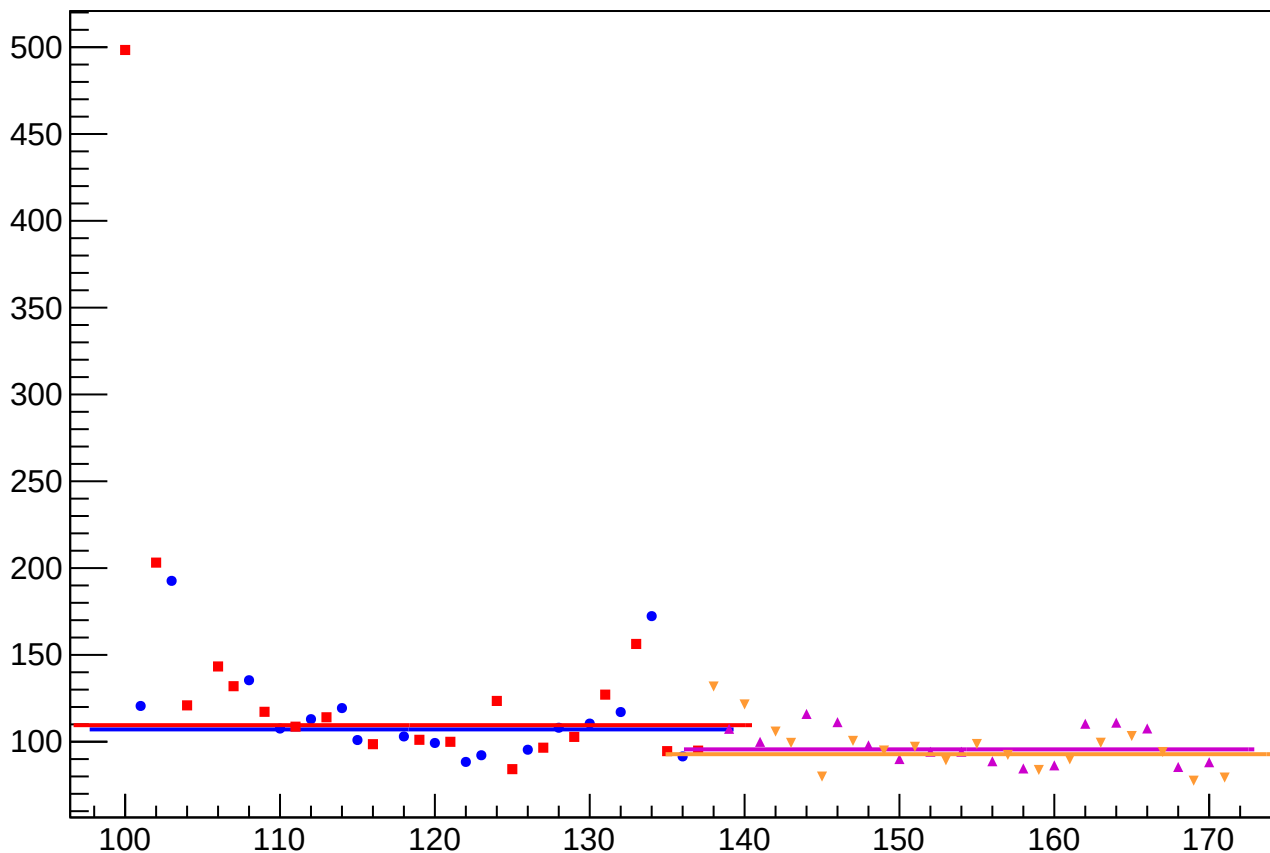
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

ln: 52.814+/-23.018 χ^2 /NDF:36.4/32

Out: 48.453+/-21.975 χ^2/NDF :36.5/36

All: 50.532+/-15.894 χ^2 /NDF: 72.9/69

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 ± 0.030 $\chi^2/\text{NDF}: 437755.4/16$

Left Out: 92.818 ± 0.018 $\chi^2/\text{NDF}: 430974.1/17$

Right Out: 109.530 ± 0.030 $\chi^2/\text{NDF}: 591522.9/18$

Left In: 95.603 ± 0.019 $\chi^2/\text{NDF}: 259907.8/15$

Left: 94.117 ± 0.013 $\chi^2/\text{NDF}: 701907.8/33$

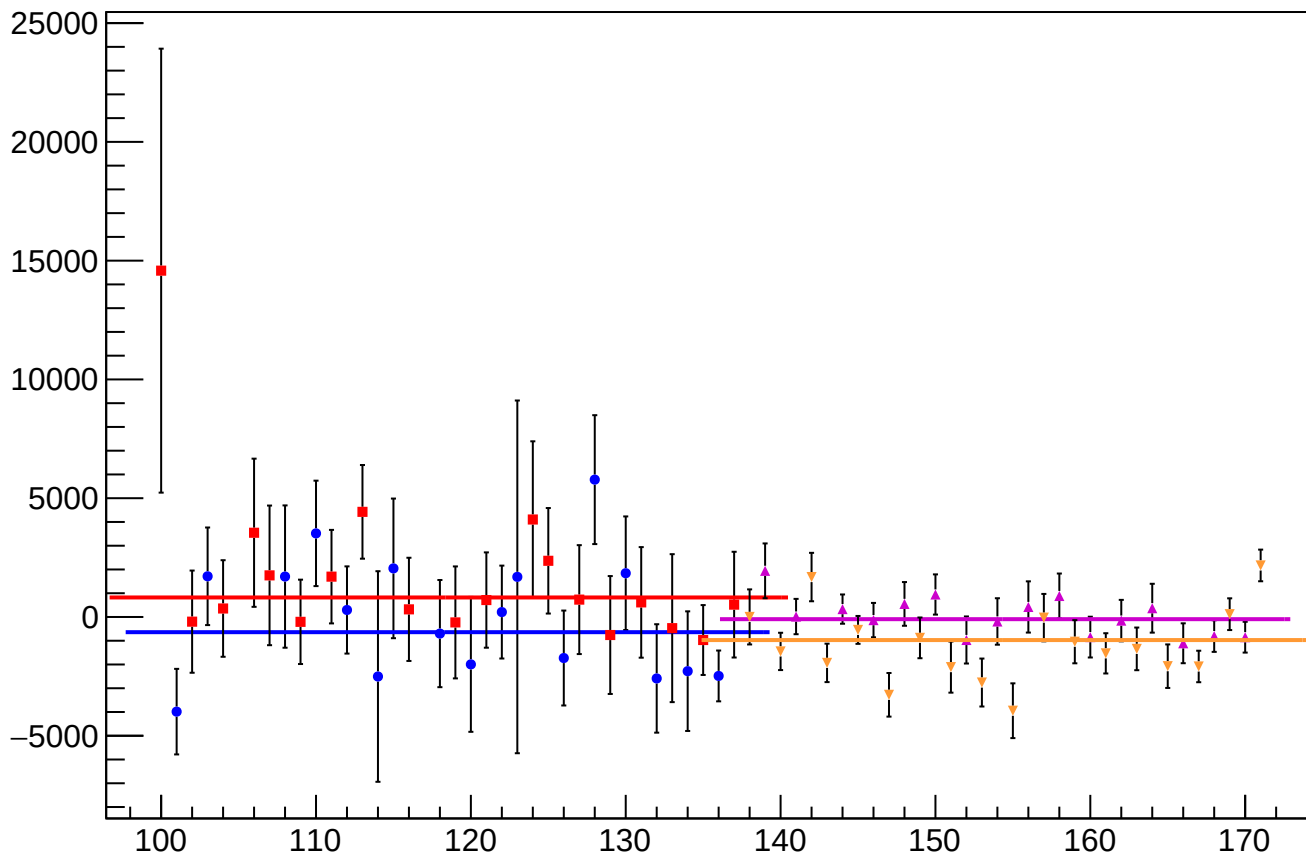
Right: 108.301 ± 0.021 $\chi^2/\text{NDF}: 1032549.7/35$

In: 98.987 ± 0.016 $\chi^2/\text{NDF}: 801215.0/32$

Out: 97.225 ± 0.016 $\chi^2/\text{NDF}: 1247102.3/36$

All: 98.065 ± 0.011 $\chi^2/\text{NDF}: 2054446.1/69$

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -972.032+/-197.203 χ^2/NDF : 57.7/17

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: -92.159+/-206.711 χ^2/NDF : 12.6/15

Left: -552.796+/-142.687 χ^2/NDF : 79.8/33

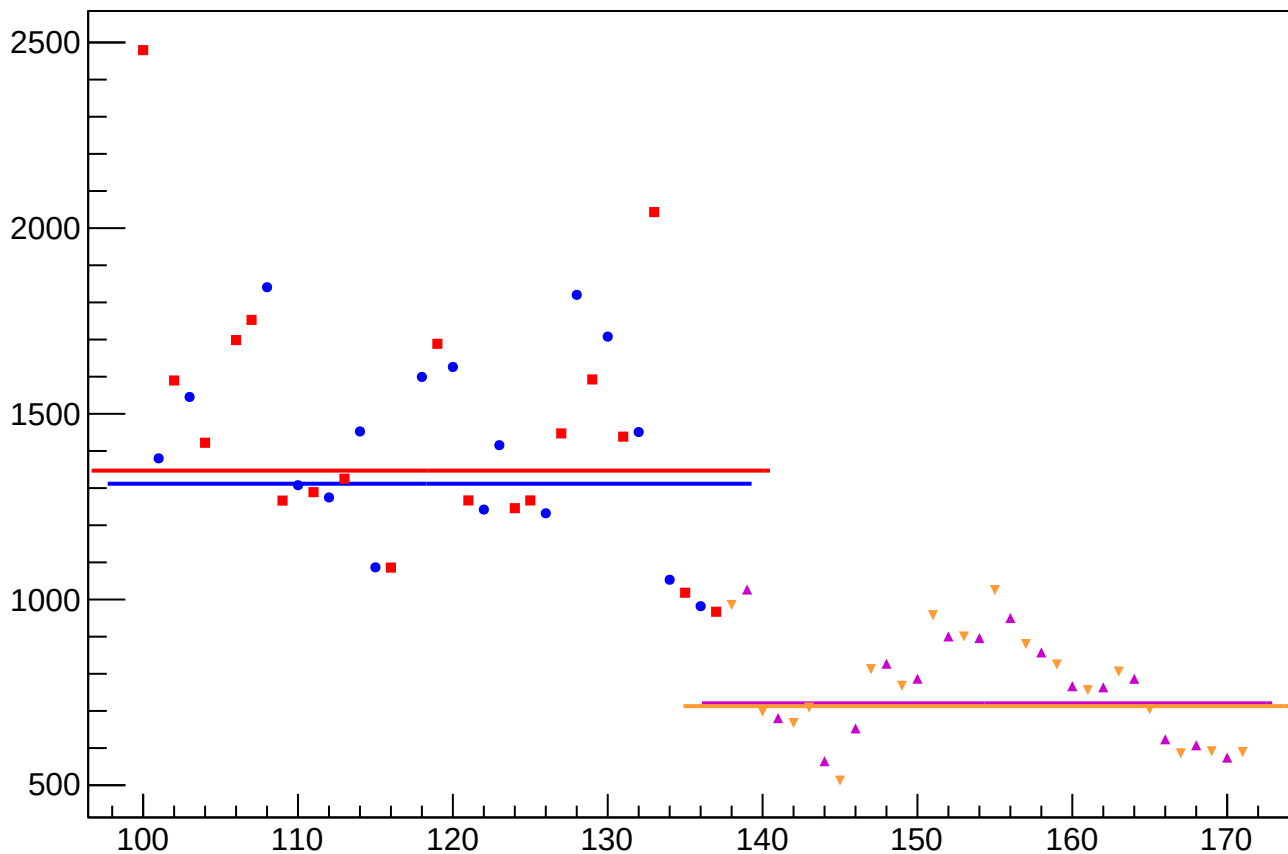
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -167.083+/-192.052 χ^2/NDF : 35.4/32

Out: -743.199+/-184.193 χ^2/NDF : 79.2/36

All: -467.170+/-132.936 χ^2/NDF : 119.3/69

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 712.935 $\pm$ 0.139 χ^2 /NDF: 1022283.5/17

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 720.406 $\pm$ 0.146 χ^2 /NDF: 799840.0/15

Left: 716.495 $\pm$ 0.101 χ^2 /NDF: 1823491.4/33

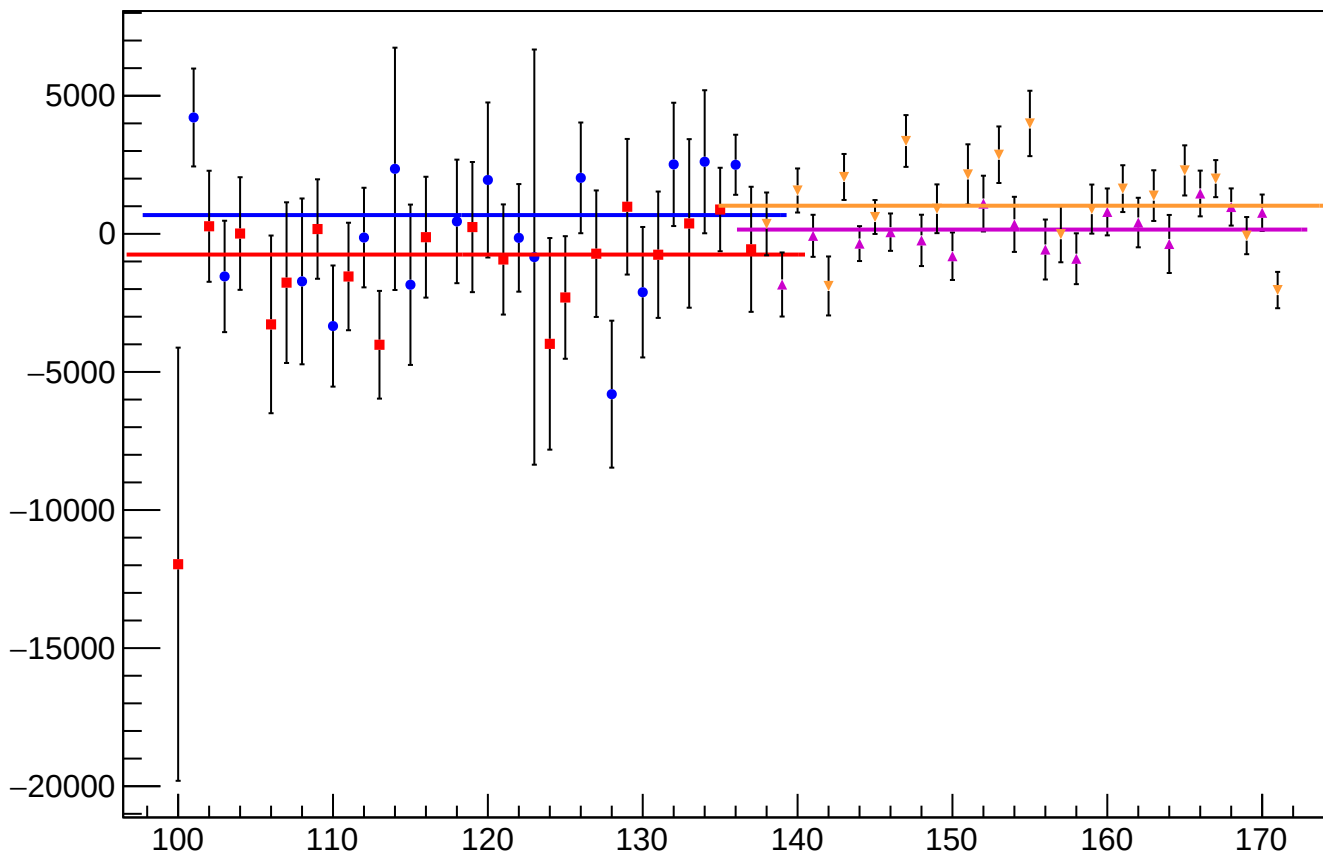
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 801.309 $\pm$ 0.136 χ^2 /NDF: 3551944.1/32

Out: 793.850 $\pm$ 0.130 χ^2 /NDF: 4151789.3/36

All: 797.424 $\pm$ 0.094 χ^2 /NDF: 7705304.8/69

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1019.131+/-199.941 χ^2/NDF : 57.2/17

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: 154.887+/-207.707 χ^2/NDF : 13.5/15

Left: 603.468+/-144.047 χ^2/NDF : 79.6/33

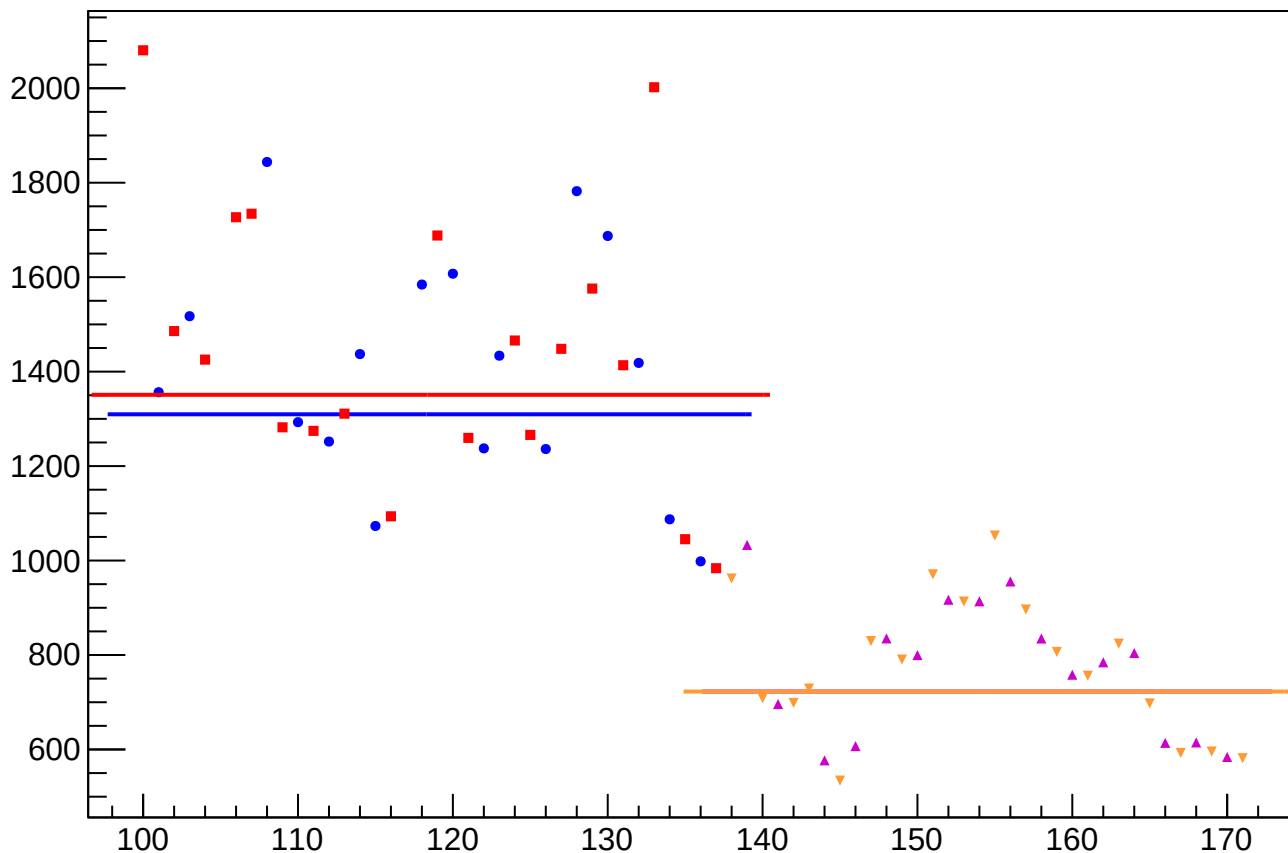
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 227.731+/-192.761 χ^2/NDF : 36.9/32

Out: 788.375+/-186.443 χ^2/NDF : 77.1/36

All: 517.390+/-134.013 χ^2/NDF : 118.4/69

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 +/- 0.366 χ^2/NDF : 459314.8/16

Left Out: 722.628 +/- 0.141 χ^2/NDF : 989361.1/17

Right Out: 1350.942 +/- 0.365 χ^2/NDF : 422723.4/18

Left In: 722.690 +/- 0.147 χ^2/NDF : 824237.5/15

Left: 722.658 +/- 0.102 χ^2/NDF : 1813598.7/33

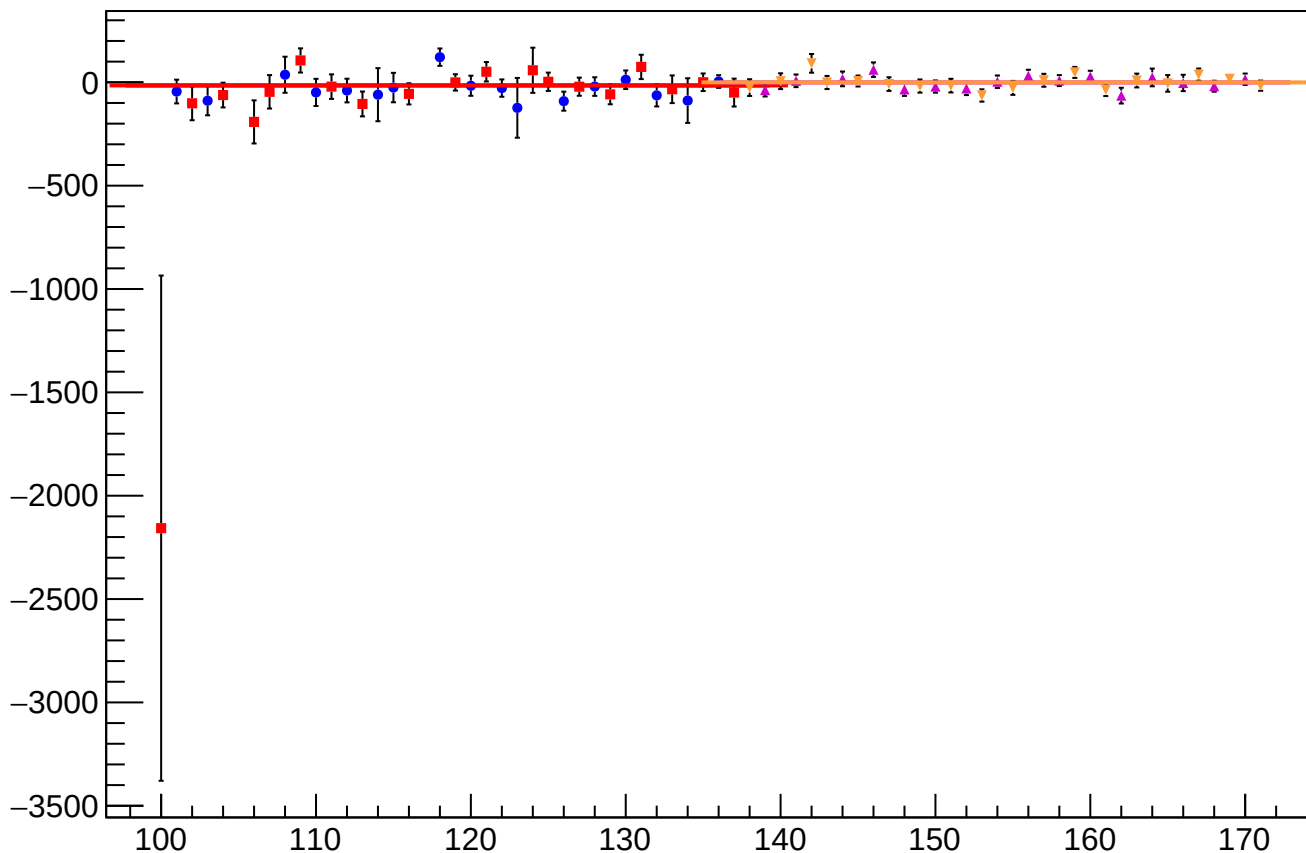
Right: 1330.350 +/- 0.258 χ^2/NDF : 888419.4/35

In: 804.126 +/- 0.136 χ^2/NDF : 3499465.5/32

Out: 804.595 +/- 0.132 χ^2/NDF : 3988660.6/36

All: 804.368 +/- 0.095 χ^2/NDF : 7488132.3/69

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -0.408 ± 7.348 $\chi^2/\text{NDF}: 17.8/17$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -0.676 ± 7.829 $\chi^2/\text{NDF}: 13.4/15$

Left: -0.533 ± 5.358 $\chi^2/\text{NDF}: 31.2/33$

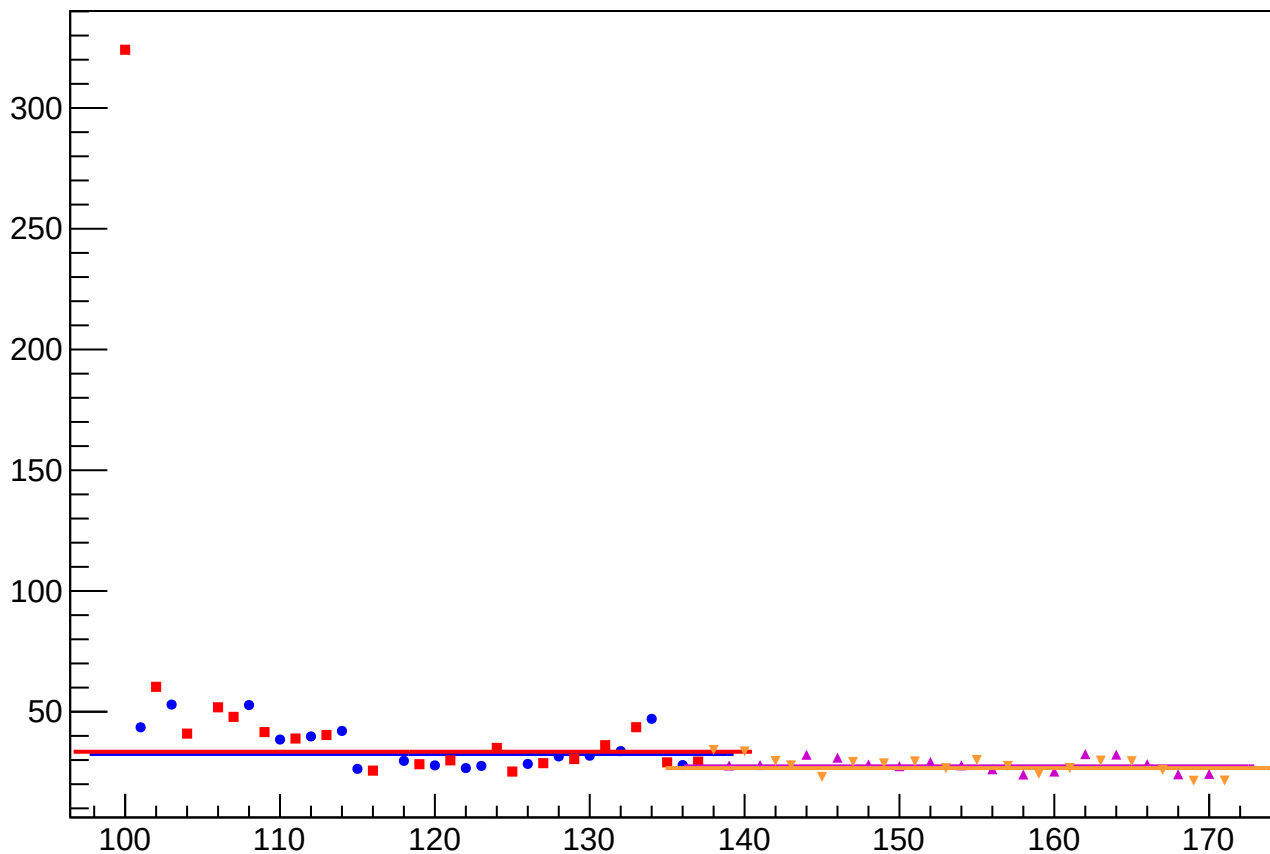
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -4.604 ± 6.694 $\chi^2/\text{NDF}: 32.6/32$

Out: -3.922 ± 6.408 $\chi^2/\text{NDF}: 40.0/36$

All: -4.248 ± 4.629 $\chi^2/\text{NDF}: 72.6/69$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 26.675 $\pm$ 0.005 χ^2 /NDF: 460877.2/17

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.382 $\pm$ 0.006 χ^2 /NDF: 232931.2/15

Left: 27.006 $\pm$ 0.004 χ^2 /NDF: 702476.4/33

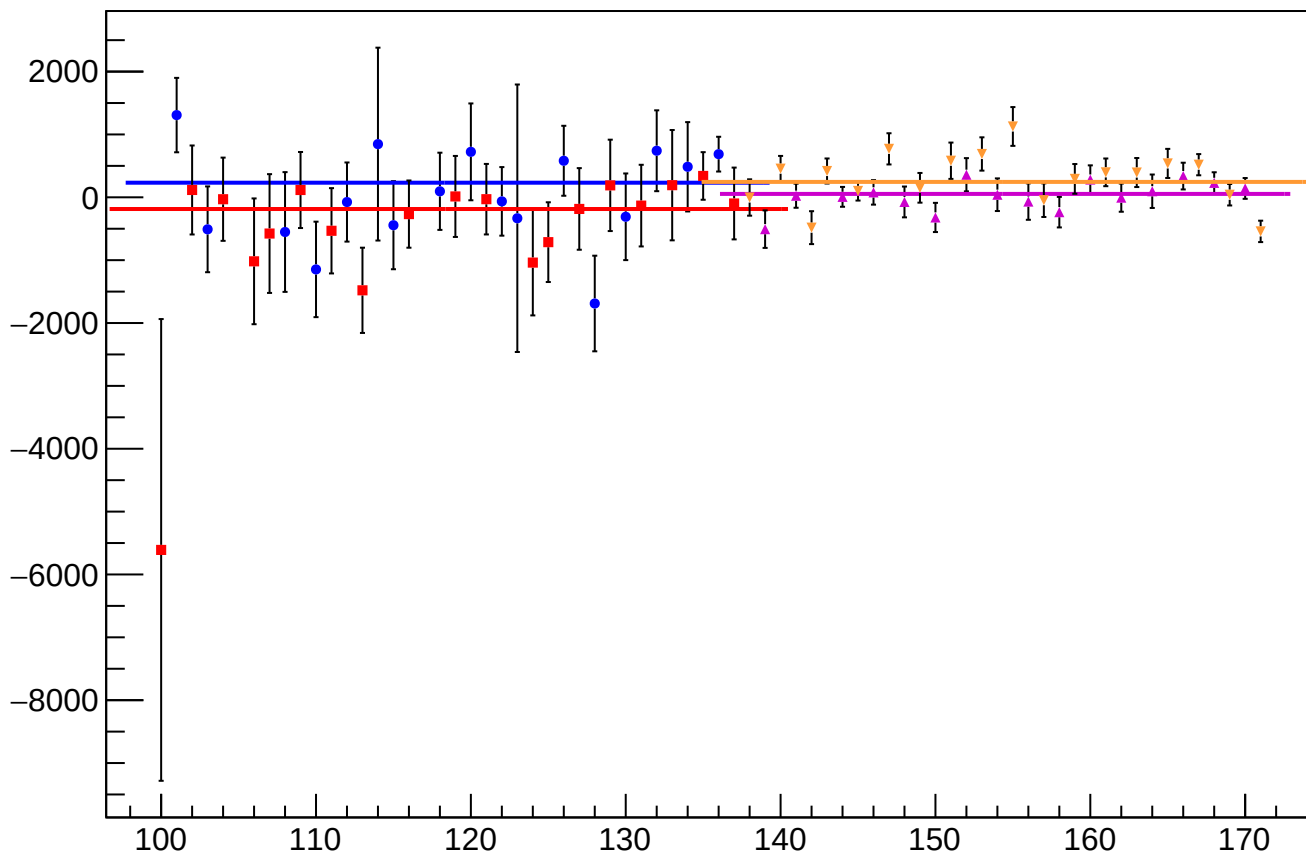
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.755 $\pm$ 0.005 χ^2 /NDF: 1056347.5/32

Out: 28.296 $\pm$ 0.005 χ^2 /NDF: 1705646.9/36

All: 28.516 $\pm$ 0.003 χ^2 /NDF: 2766915.7/69

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: 244.978 $\pm$ 51.063 χ^2 /NDF: 57.3/17

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: 53.939 $\pm$ 53.792 χ^2 /NDF: 13.7/15

Left: 154.428 $\pm$ 37.034 χ^2 /NDF: 77.7/33

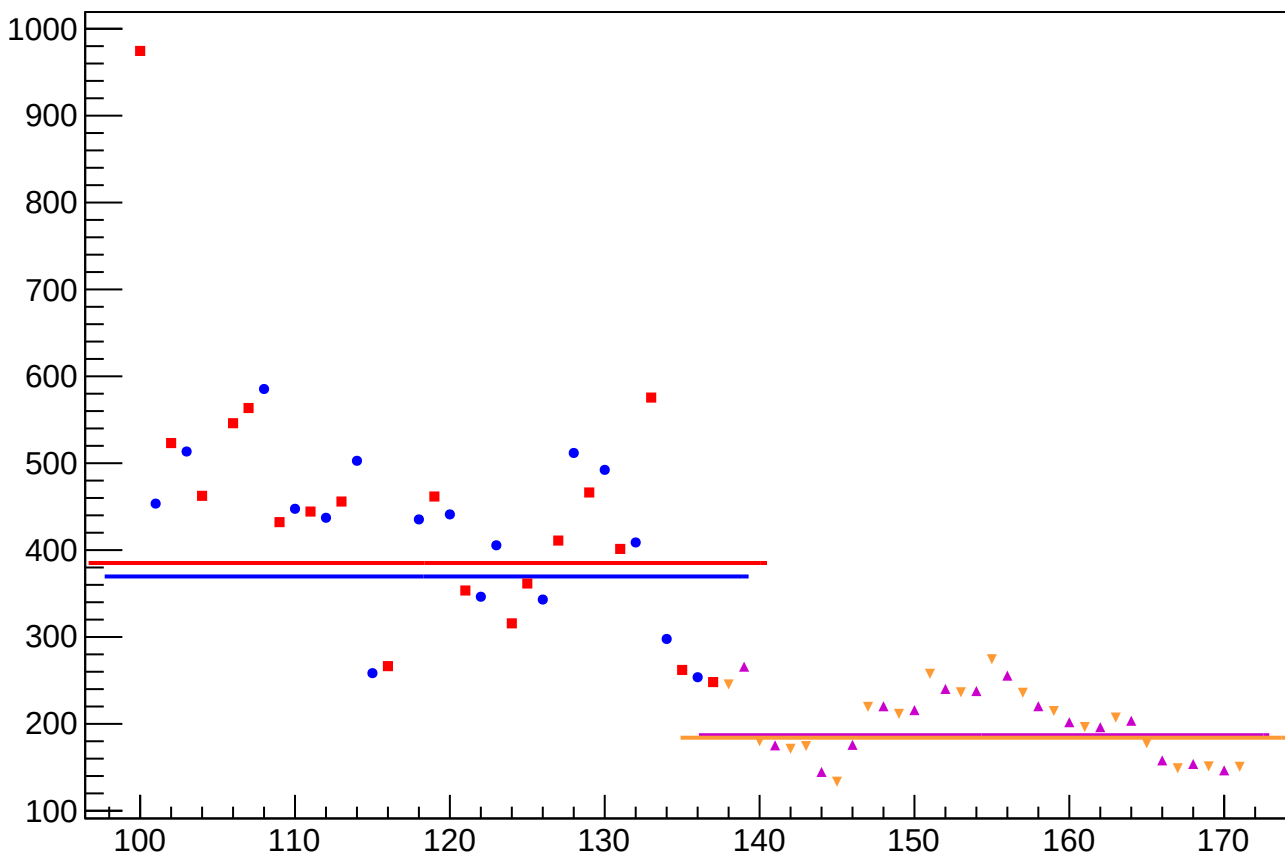
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 74.605 $\pm$ 50.581 χ^2 /NDF: 36.5/32

Out: 200.134 $\pm$ 48.335 χ^2 /NDF: 76.5/36

All: 140.219 $\pm$ 34.945 χ^2 /NDF: 116.2/69

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: 184.102+/-0.036 χ^2/NDF : 1140486.0/17

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 186.973+/-0.038 χ^2/NDF : 926392.0/15

Left: 185.463+/-0.026 χ^2/NDF : 2069873.6/33

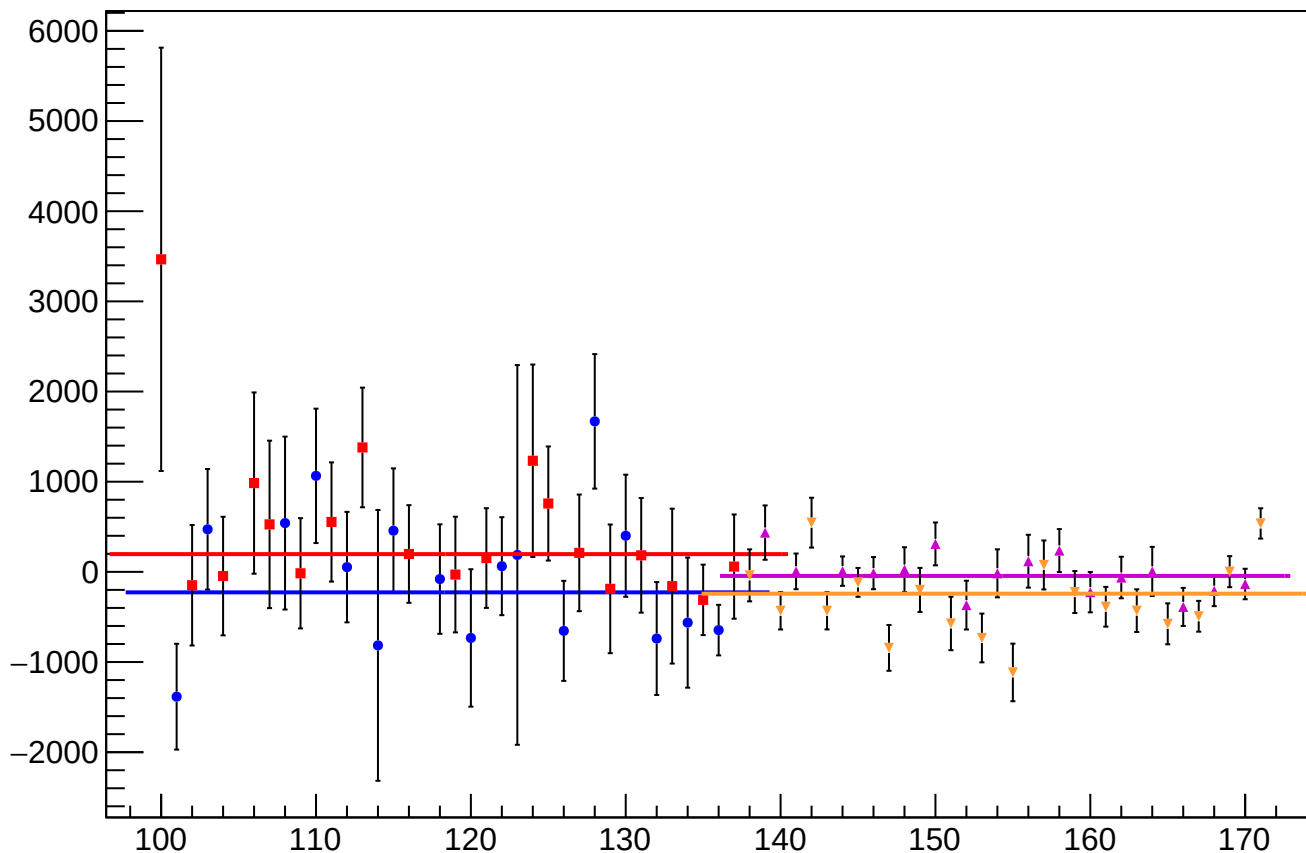
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 208.136+/-0.036 χ^2/NDF : 4501216.3/32

Out: 205.012+/-0.034 χ^2/NDF : 5291666.4/36

All: 206.503+/-0.025 χ^2/NDF : 9796869.1/69

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -241.714 ± 51.927 χ^2/NDF : 58.7/17

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: -45.022 ± 54.157 χ^2/NDF : 12.8/15

Left: -147.501 ± 37.482 χ^2/NDF : 78.4/33

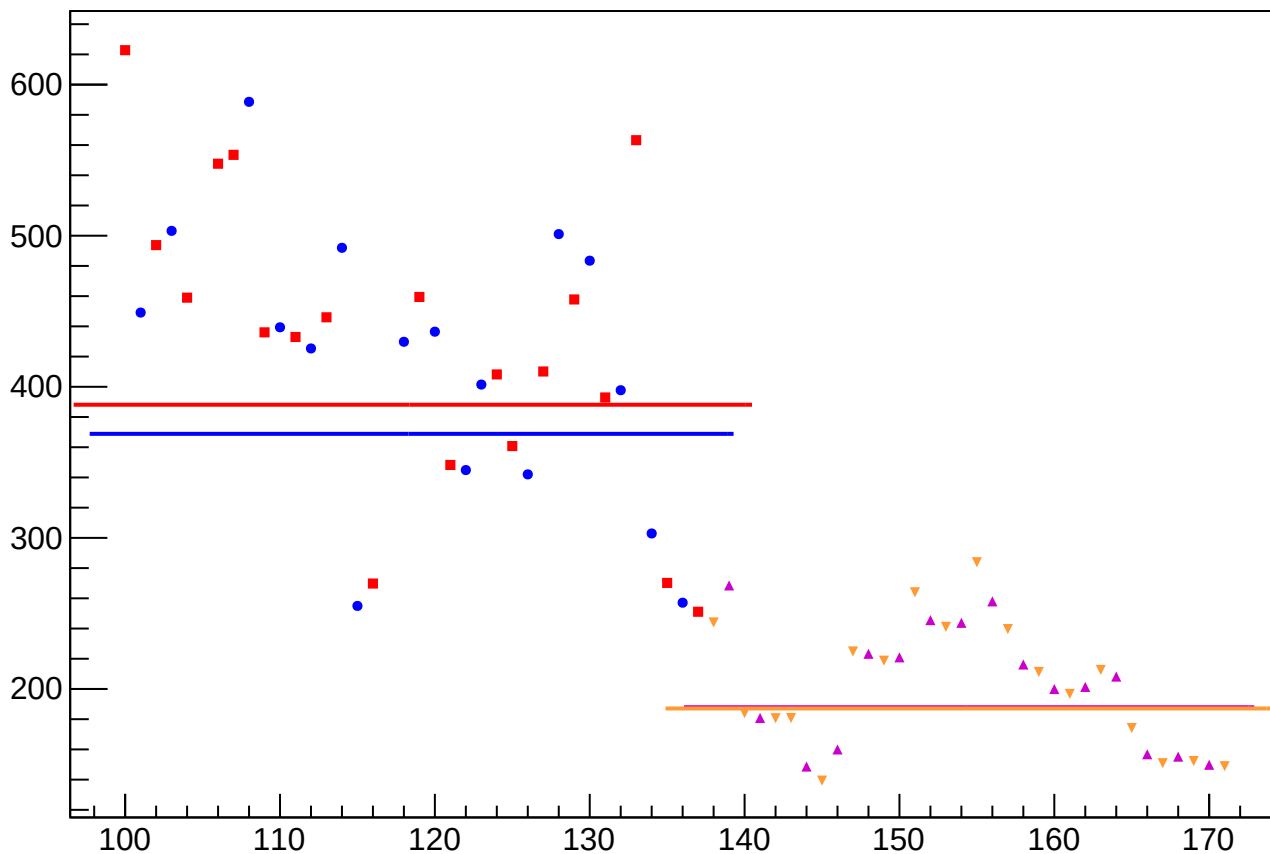
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -66.564 ± 50.856 χ^2/NDF : 35.9/32

Out: -194.891 ± 49.076 χ^2/NDF : 77.1/36

All: -133.012 ± 35.315 χ^2/NDF : 116.3/69

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: 187.083 $\pm$ 0.037 χ^2 /NDF: 1139014.6/17

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 187.925 $\pm$ 0.038 χ^2 /NDF: 954252.1/15

Left: 187.486 $\pm$ 0.027 χ^2 /NDF: 2093518.8/33

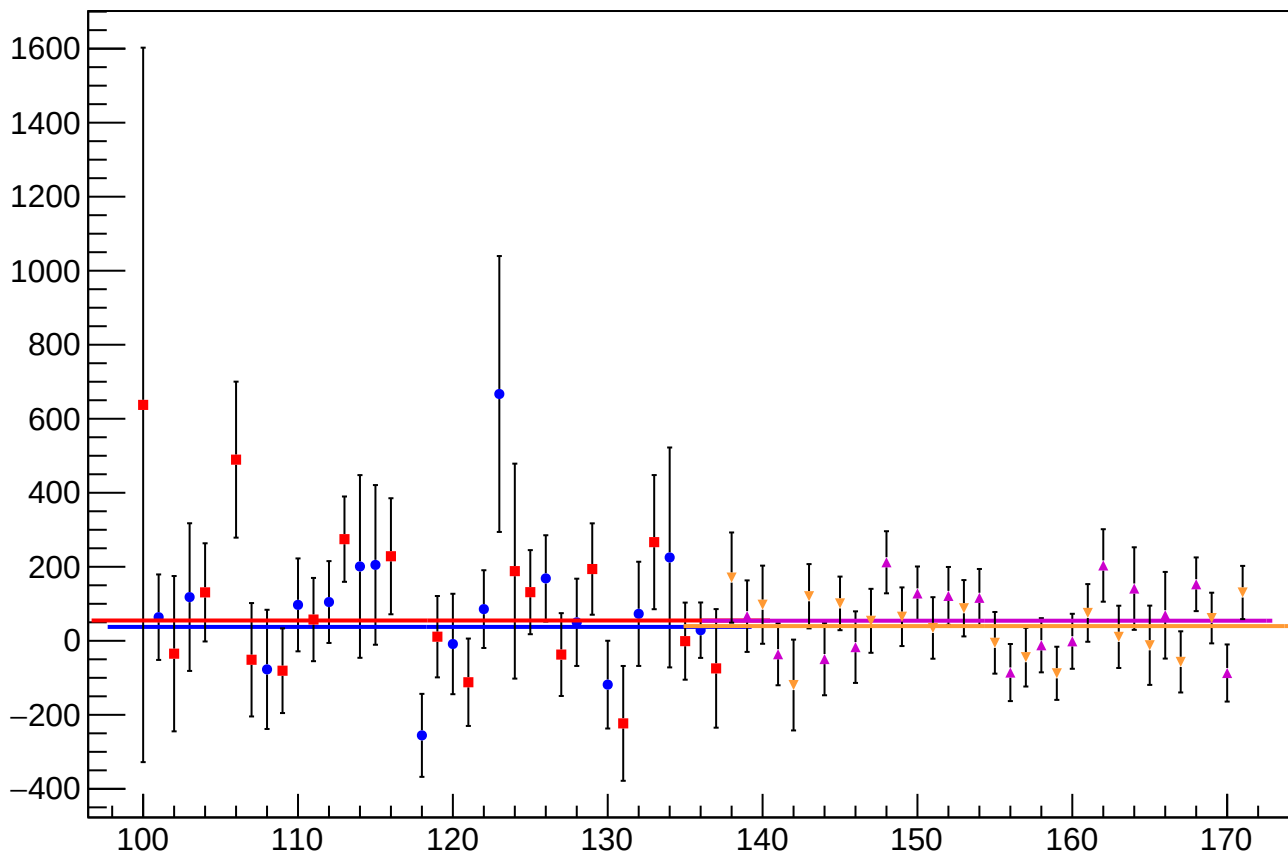
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 209.312 $\pm$ 0.036 χ^2 /NDF: 4422694.0/32

Out: 208.553 $\pm$ 0.035 χ^2 /NDF: 5118762.1/36

All: 208.919 $\pm$ 0.025 χ^2 /NDF: 9541687.0/69

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: 39.776 $\pm$ 19.608 χ^2 /NDF:13.5/17

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 54.319 $\pm$ 20.986 χ^2 /NDF:21.6/15

Left: 46.554 $\pm$ 14.327 χ^2 /NDF: 35.3/33

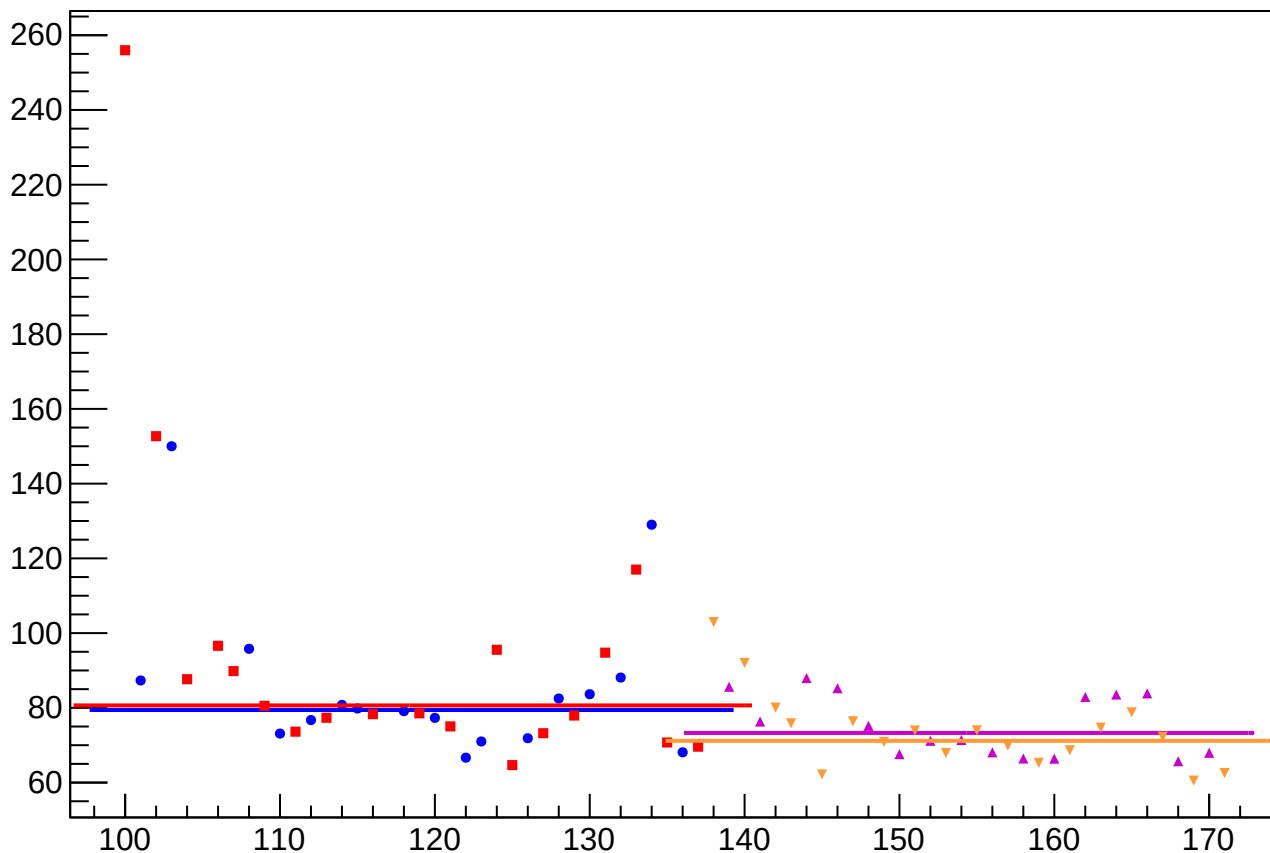
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 49.150 $\pm$ 17.458 χ^2 /NDF:37.6/32

Out: 44.003 $\pm$ 16.643 χ^2 /NDF:35.8/36

All: 46.454 $\pm$ 12.046 χ^2 /NDF: 73.5/69

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: 71.179 $\pm$ 0.014 χ^2 /NDF: 383873.0/17

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 73.282 $\pm$ 0.015 χ^2 /NDF: 254551.2/15

Left: 72.159 $\pm$ 0.010 χ^2 /NDF: 649149.0/33

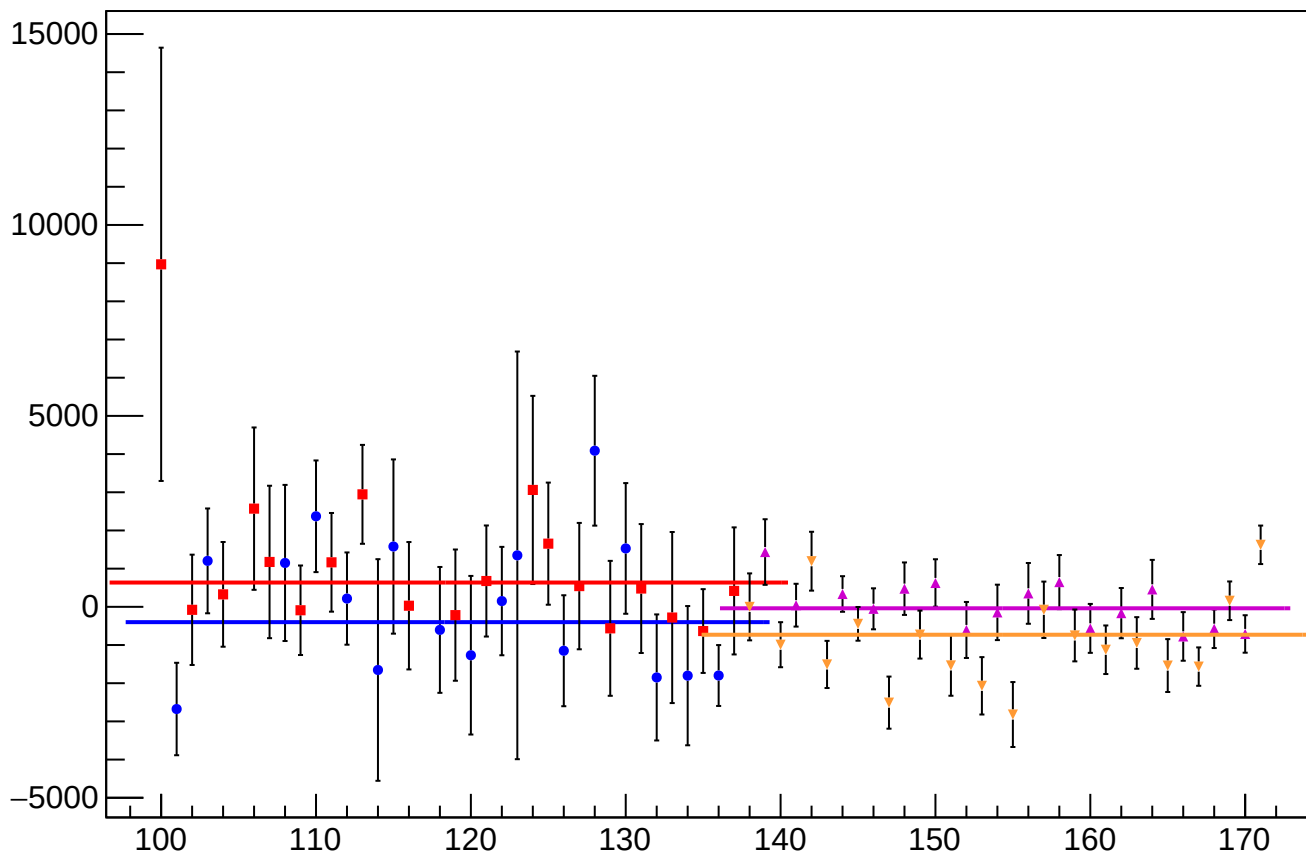
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 75.173 $\pm$ 0.012 χ^2 /NDF: 746304.9/32

Out: 73.828 $\pm$ 0.012 χ^2 /NDF: 1034839.5/36

All: 74.468 $\pm$ 0.009 χ^2 /NDF: 1787361.8/69

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -730.734 $\pm$ 148.094 χ^2 /NDF:56.5/17

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: -38.083 $\pm$ 155.006 χ^2 /NDF:12.6/15

Left: -400.195 $\pm$ 107.078 χ^2 /NDF: 79.5/33

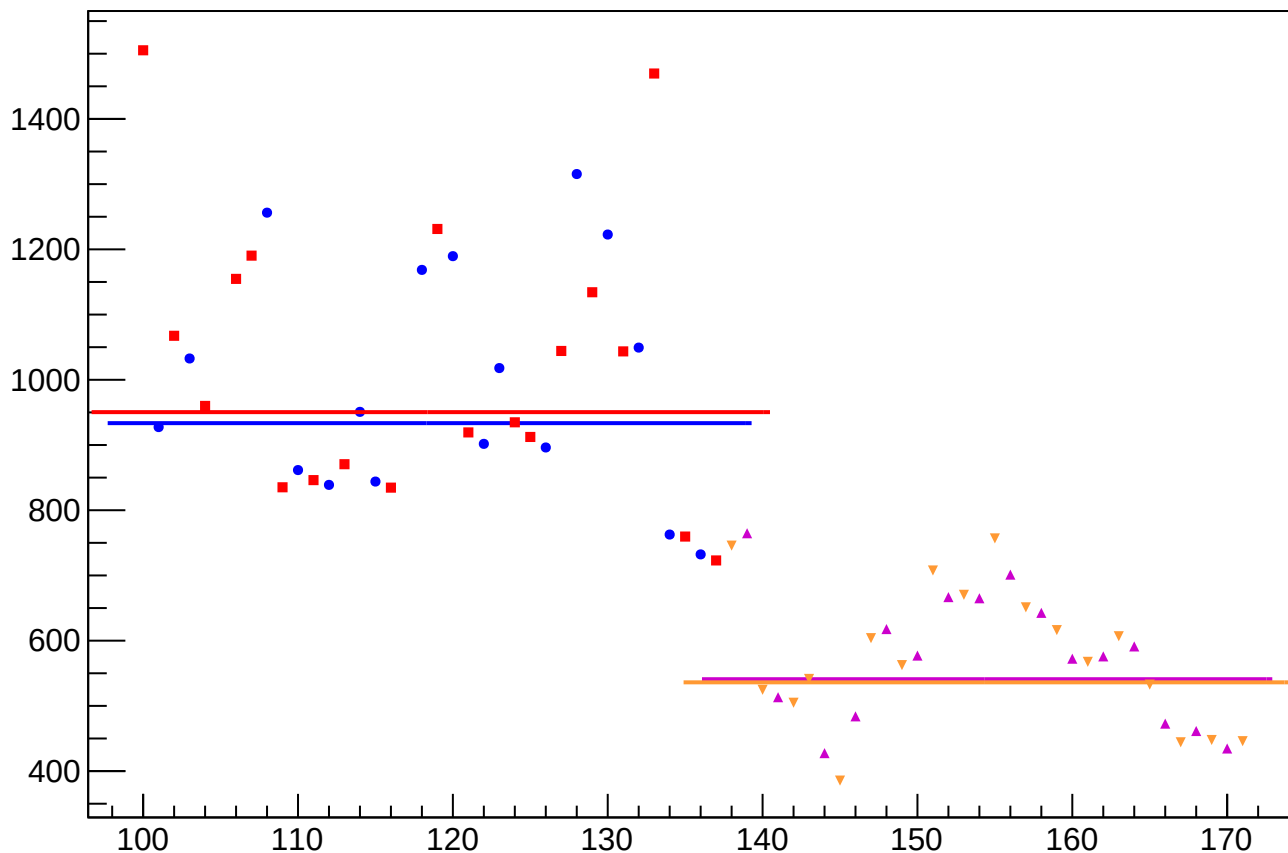
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: -92.655 $\pm$ 142.879 χ^2 /NDF:35.3/32

Out: -535.622 $\pm$ 137.117 χ^2 /NDF:79.5/36

All: -323.249 $\pm$ 98.931 χ^2 /NDF: 119.8/69

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: 536.106 ± 0.105 $\chi^2/\text{NDF}: 961753.7/17$

Right Out: 950.411 ± 0.257 $\chi^2/\text{NDF}: 424360.9/18$

Left In: 540.897 ± 0.110 $\chi^2/\text{NDF}: 738345.0/15$

Left: 538.392 ± 0.076 $\chi^2/\text{NDF}: 1701097.8/33$

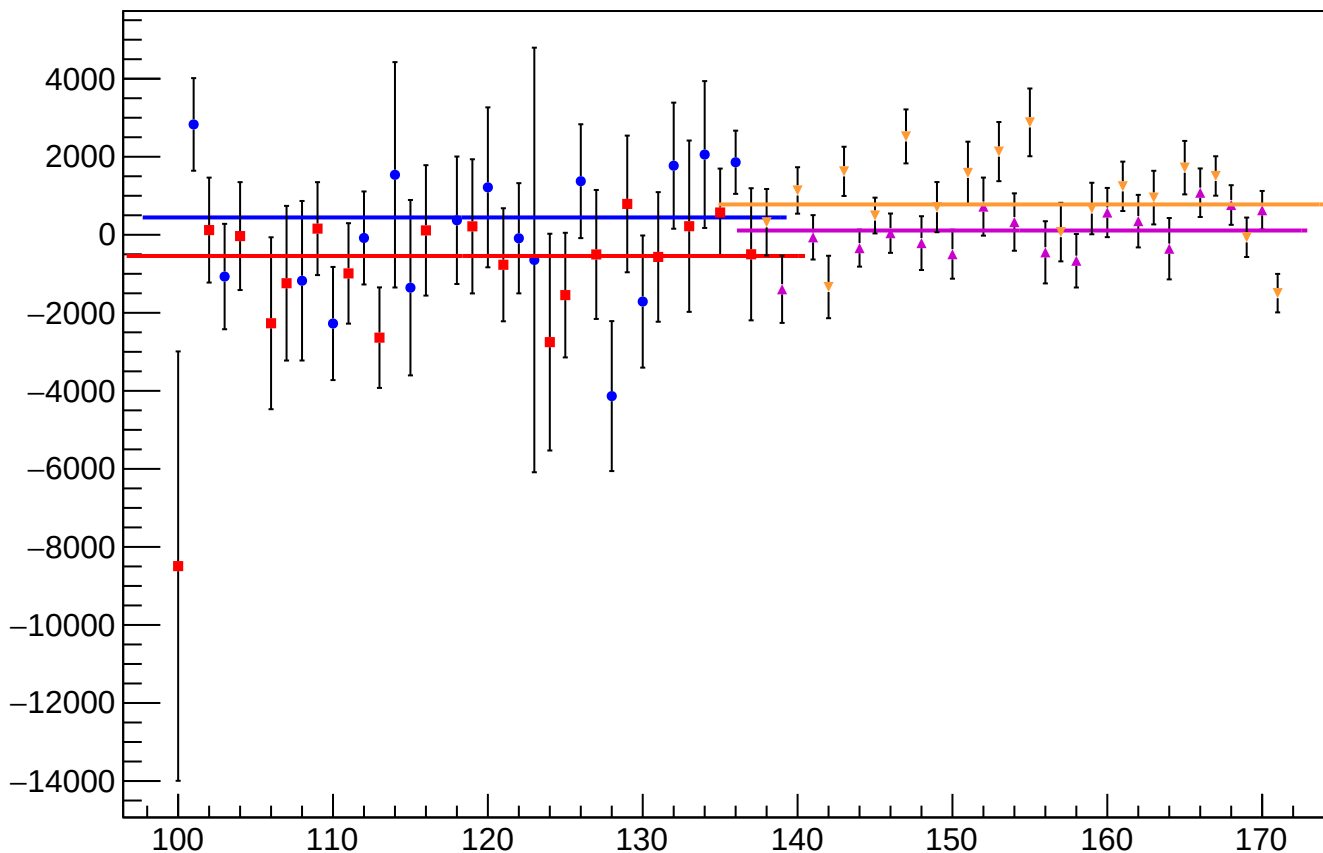
Right: 942.099 ± 0.183 $\chi^2/\text{NDF}: 868813.4/35$

In: 599.930 ± 0.101 $\chi^2/\text{NDF}: 3110039.3/32$

Out: 595.245 ± 0.097 $\chi^2/\text{NDF}: 3620476.8/36$

All: 597.491 ± 0.070 $\chi^2/\text{NDF}: 6731635.5/69$

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 778.131+/-149.191 χ^2/NDF :55.8/17

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: 109.813+/-154.837 χ^2/NDF :14.0/15

Left: 456.379+/-107.435 χ^2/NDF : 79.4/33

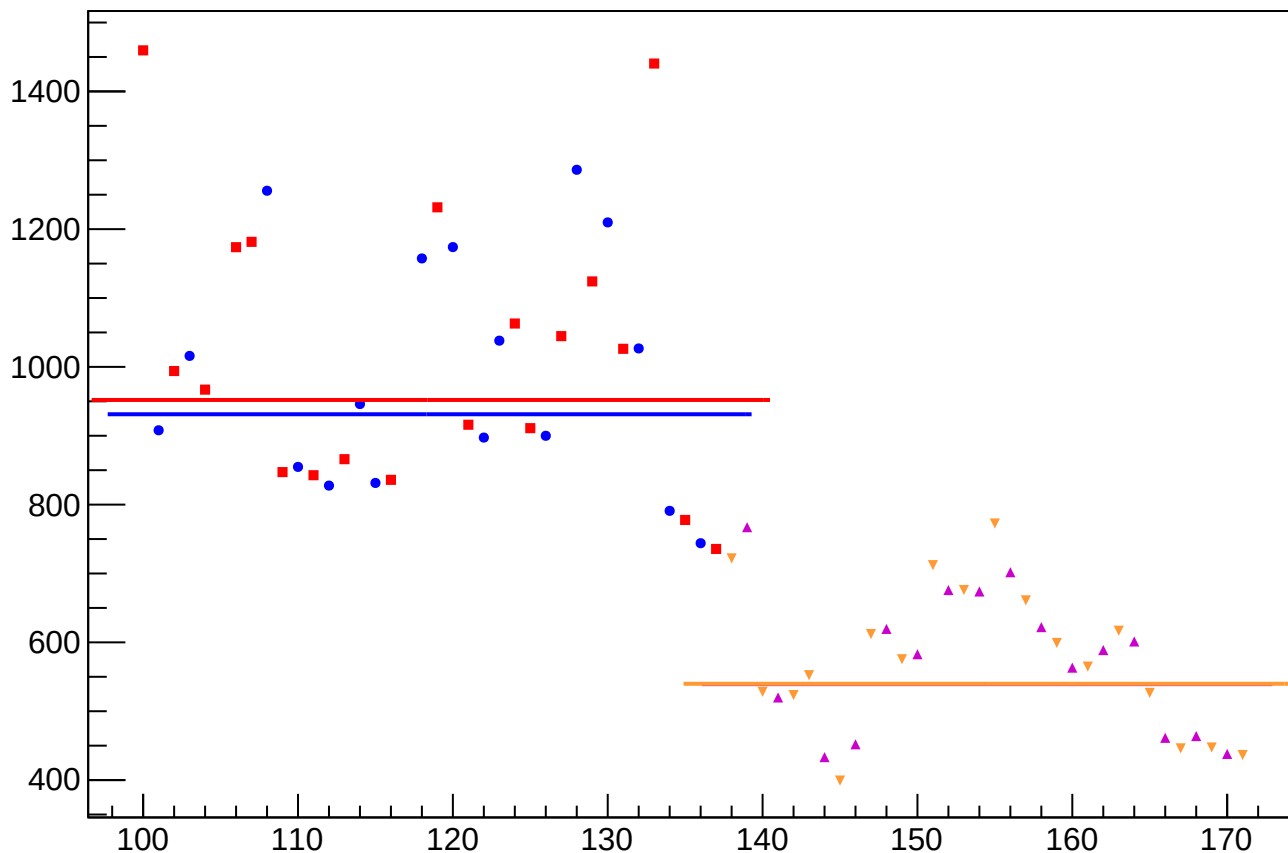
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 160.388+/-142.666 χ^2/NDF :37.6/32

Out: 587.499+/-138.009 χ^2/NDF :76.5/36

All: 381.029+/-99.193 χ^2/NDF : 118.7/69

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 539.862 $\pm$ 0.105 χ^2/NDF :931573.2/17

Right Out: 951.963 $\pm$ 0.257 χ^2/NDF : 382648.6/18

Left In: 539.332 $\pm$ 0.109 χ^2/NDF :771010.1/15

Left: 539.607 $\pm$ 0.076 χ^2/NDF : 1702595.4/33

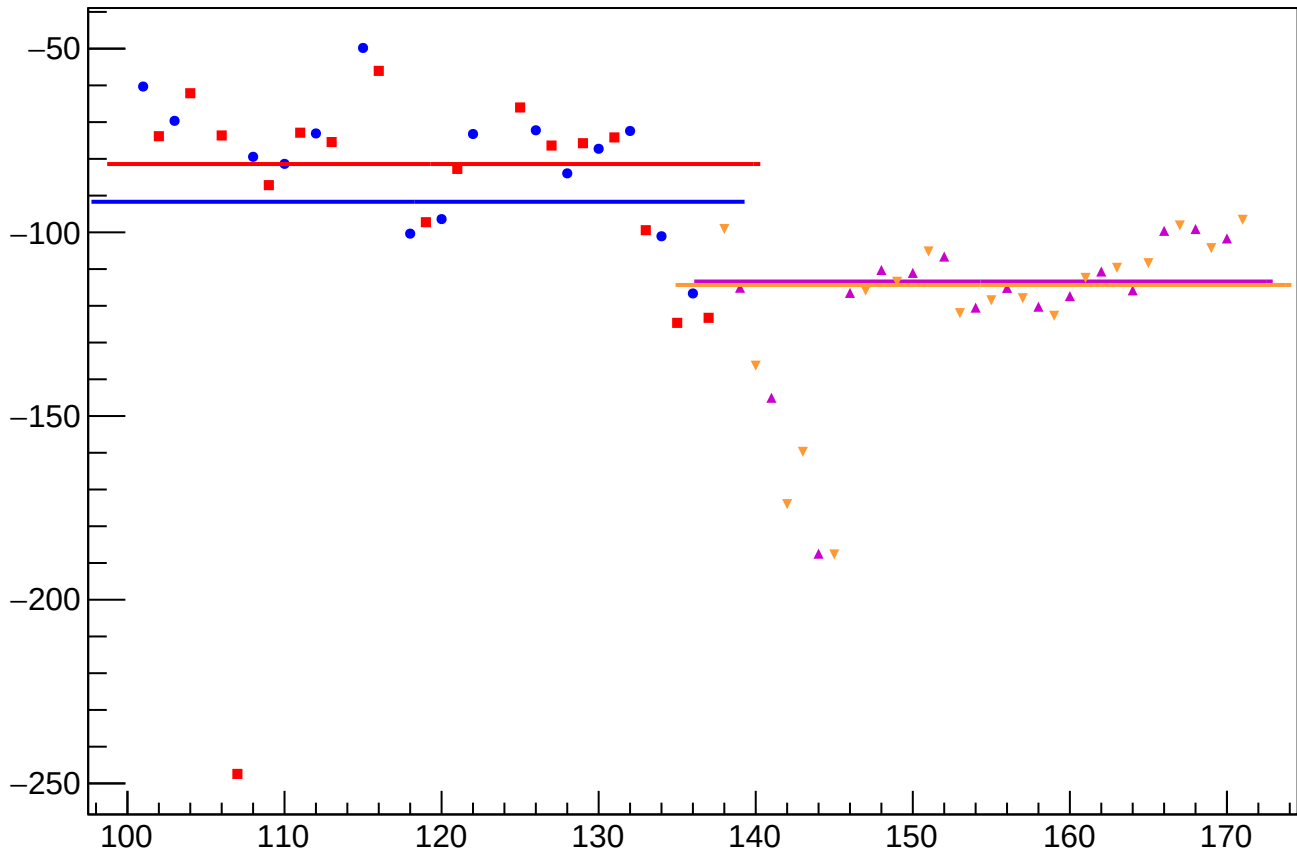
Right: 941.690 $\pm$ 0.183 χ^2/NDF : 786122.1/35

In: 598.518 $\pm$ 0.101 χ^2/NDF :3106066.1/32

Out: 599.325 $\pm$ 0.098 χ^2/NDF :3516084.0/36

All: 598.935 $\pm$ 0.070 χ^2/NDF : 6622183.2/69

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -114.320+/-0.064 χ^2/NDF : 42224.7/17

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -113.379+/-0.058 χ^2/NDF : 74495.4/15

Left: -113.805+/-0.043 χ^2/NDF : 116839.3/33

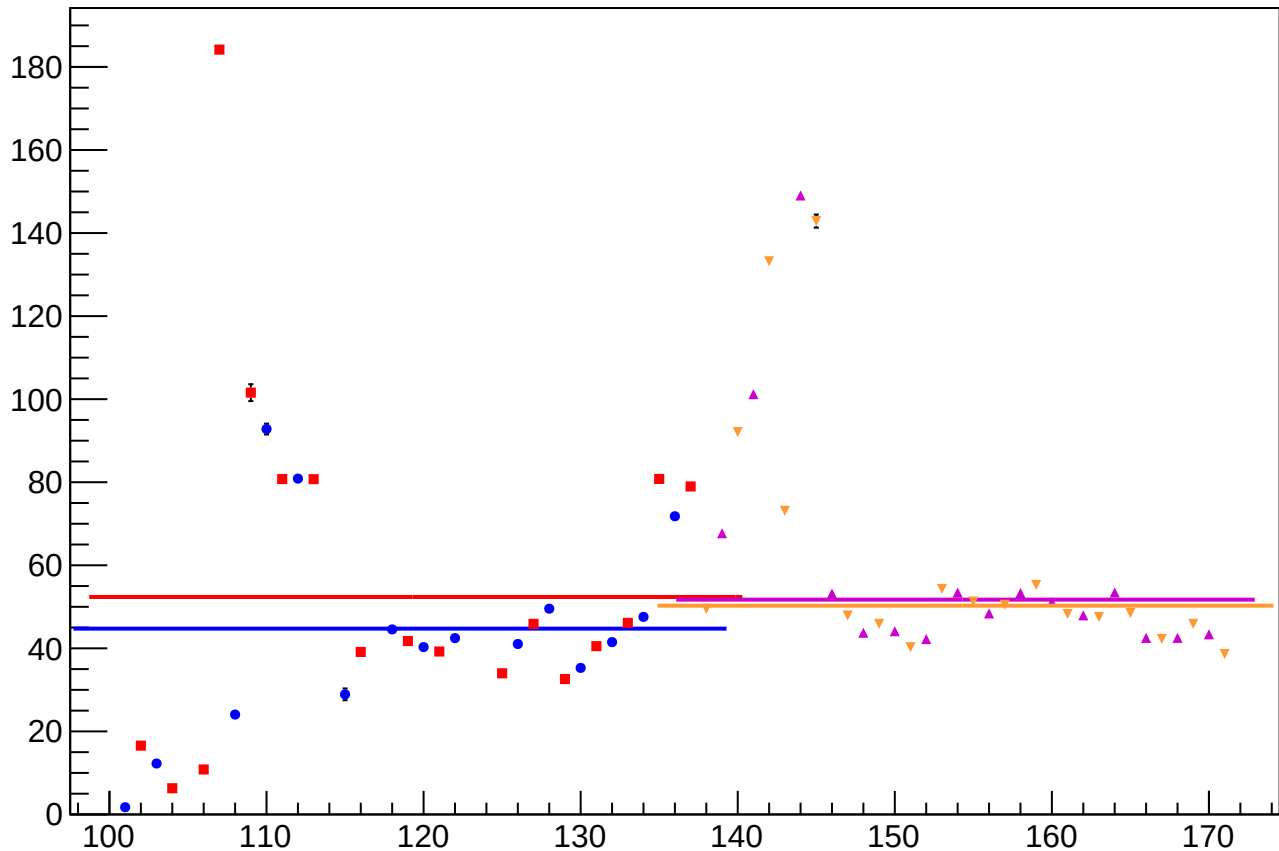
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -104.566+/-0.045 χ^2/NDF : 195968.1/30

Out: -104.596+/-0.054 χ^2/NDF : 162656.6/34

All: -104.578+/-0.034 χ^2/NDF : 358625.0/65

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 50.274 $\pm$ 0.053 χ^2/NDF :50720.2/17

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 51.724 $\pm$ 0.050 χ^2/NDF :126829.0/15

Left: 51.039 $\pm$ 0.036 χ^2/NDF : 177947.7/33

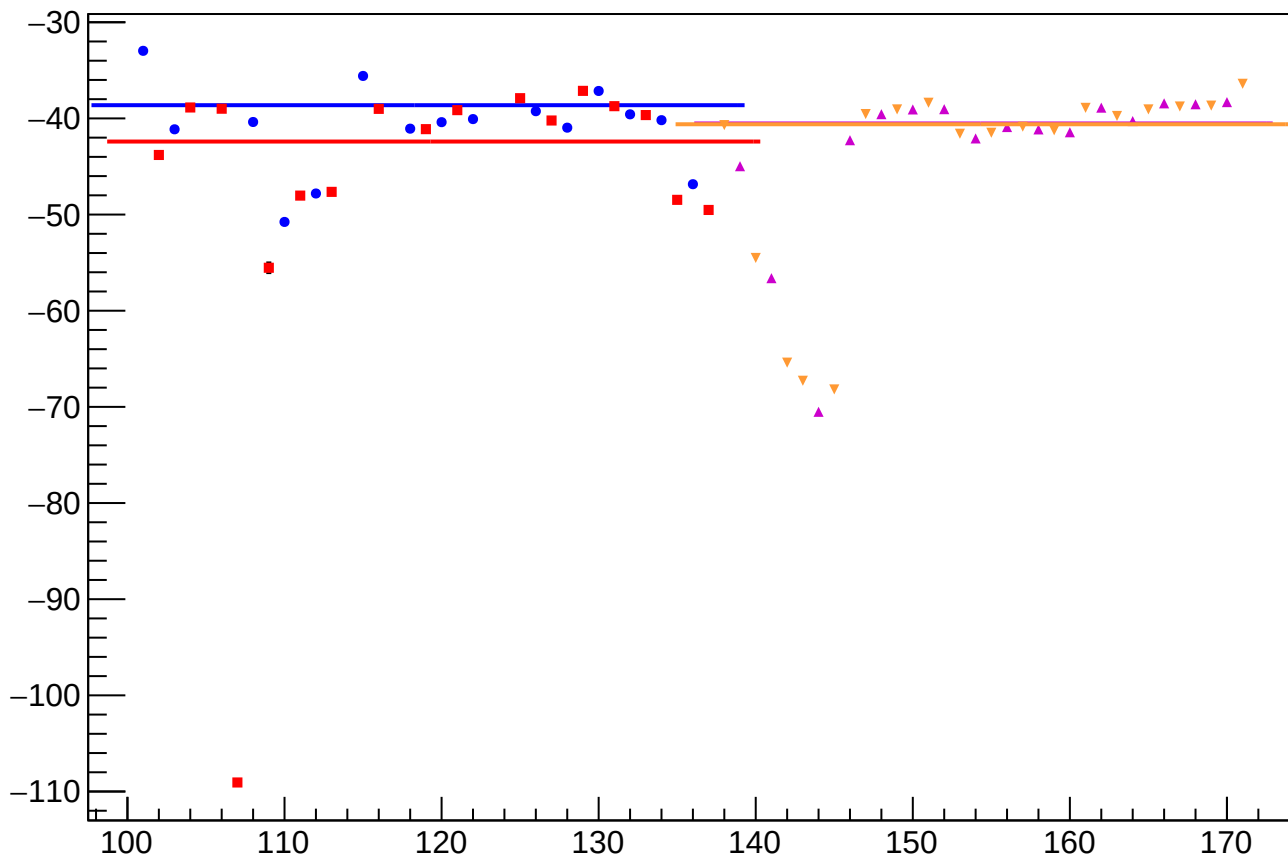
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 48.900 $\pm$ 0.039 χ^2/NDF :219431.2/30

Out: 50.651 $\pm$ 0.048 χ^2/NDF :120288.7/34

All: 49.590 $\pm$ 0.030 χ^2/NDF : 340533.9/65

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.608 ± 0.008 $\chi^2/\text{NDF}: 215264.2/17$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.525 ± 0.009 $\chi^2/\text{NDF}: 165344.0/15$

Left: -40.570 ± 0.006 $\chi^2/\text{NDF}: 380658.9/33$

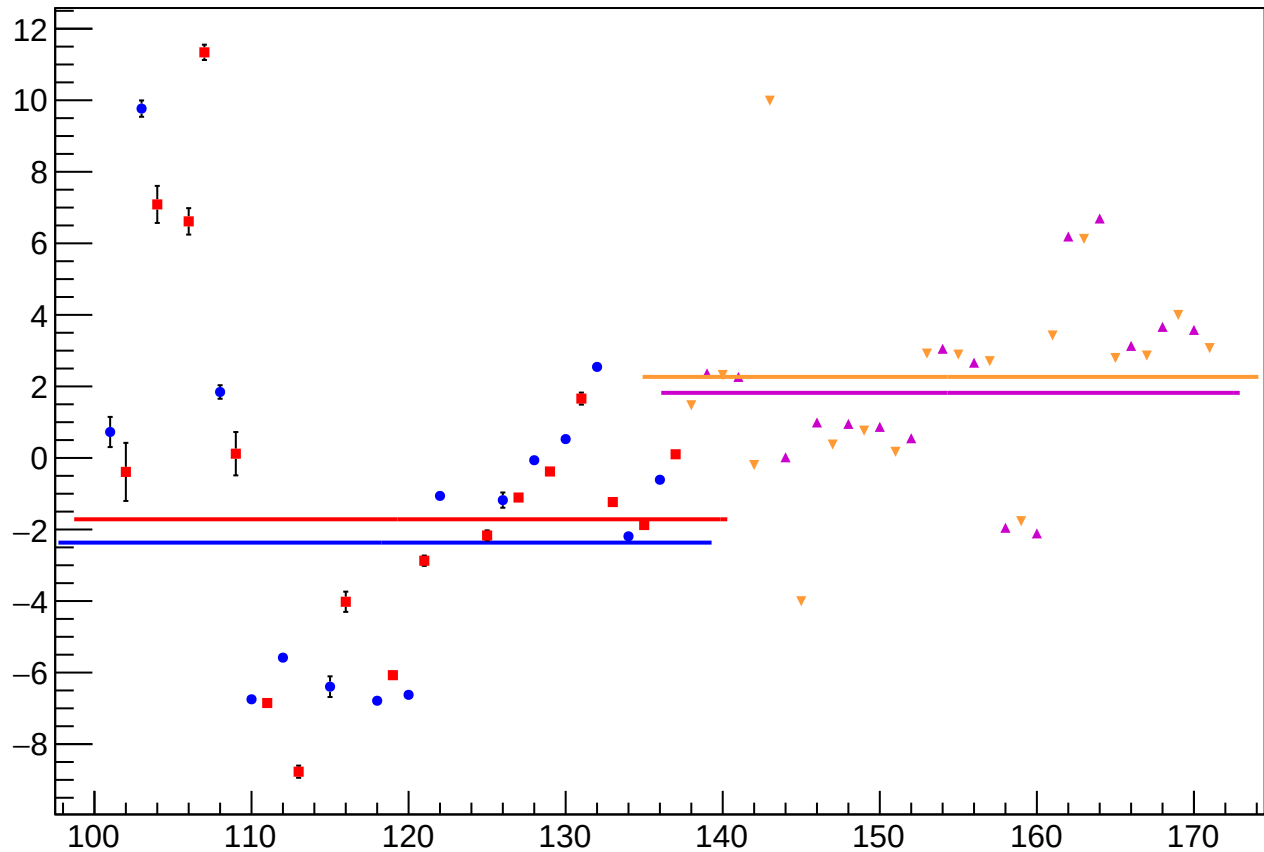
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.544 ± 0.006 $\chi^2/\text{NDF}: 430977.0/30$

Out: -40.829 ± 0.007 $\chi^2/\text{NDF}: 490661.4/34$

All: -40.043 ± 0.005 $\chi^2/\text{NDF}: 939819.0/65$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.266 ± 0.008 χ^2/NDF : 76778.3/17

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.820 ± 0.008 χ^2/NDF : 84088.0/15

Left: 2.035 ± 0.006 χ^2/NDF : 162390.8/33

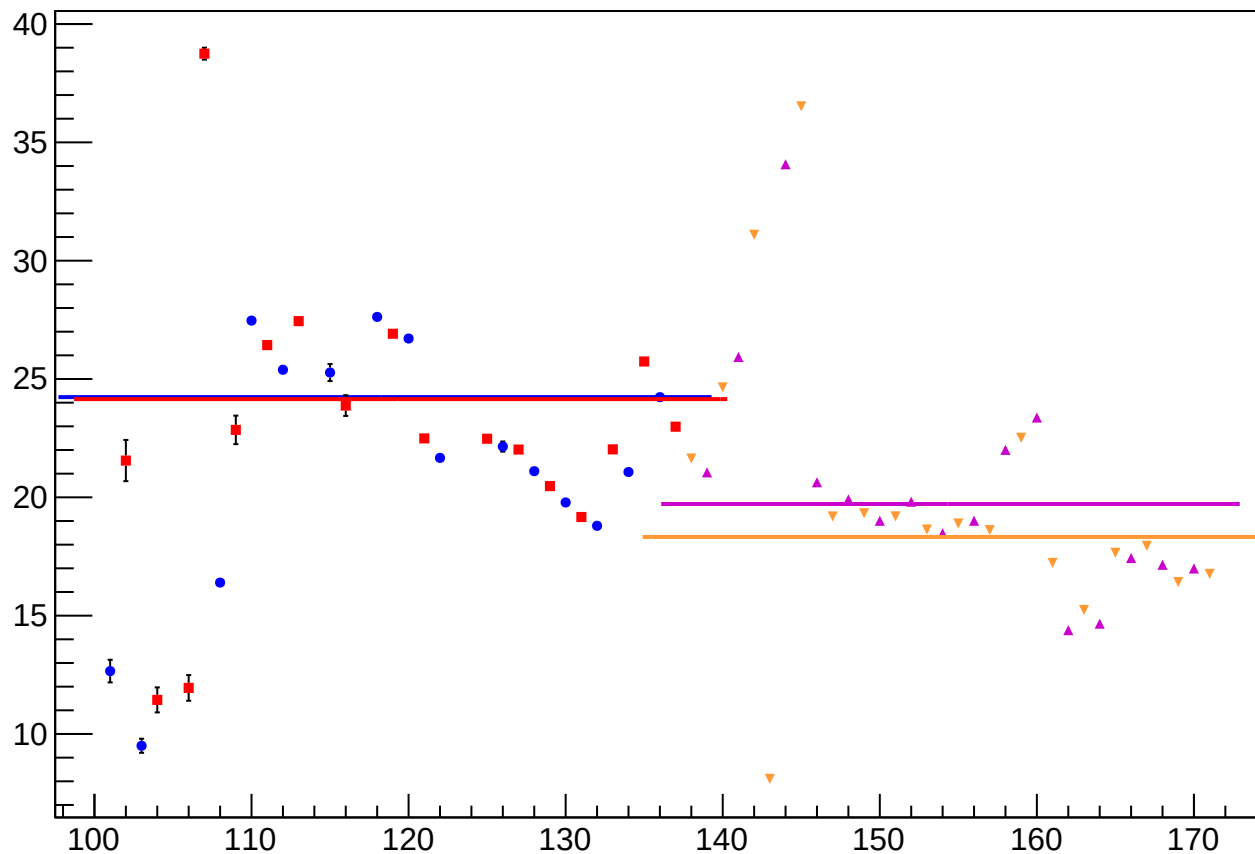
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.813 ± 0.007 χ^2/NDF : 180095.2/30

Out: 1.928 ± 0.008 χ^2/NDF : 109404.3/34

All: 1.298 ± 0.005 χ^2/NDF : 300849.5/65

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.326 $\pm$ 0.008 χ^2 /NDF: 78569.8/17

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.719 $\pm$ 0.008 χ^2 /NDF: 98839.1/15

Left: 19.050 $\pm$ 0.006 χ^2 /NDF: 191493.4/33

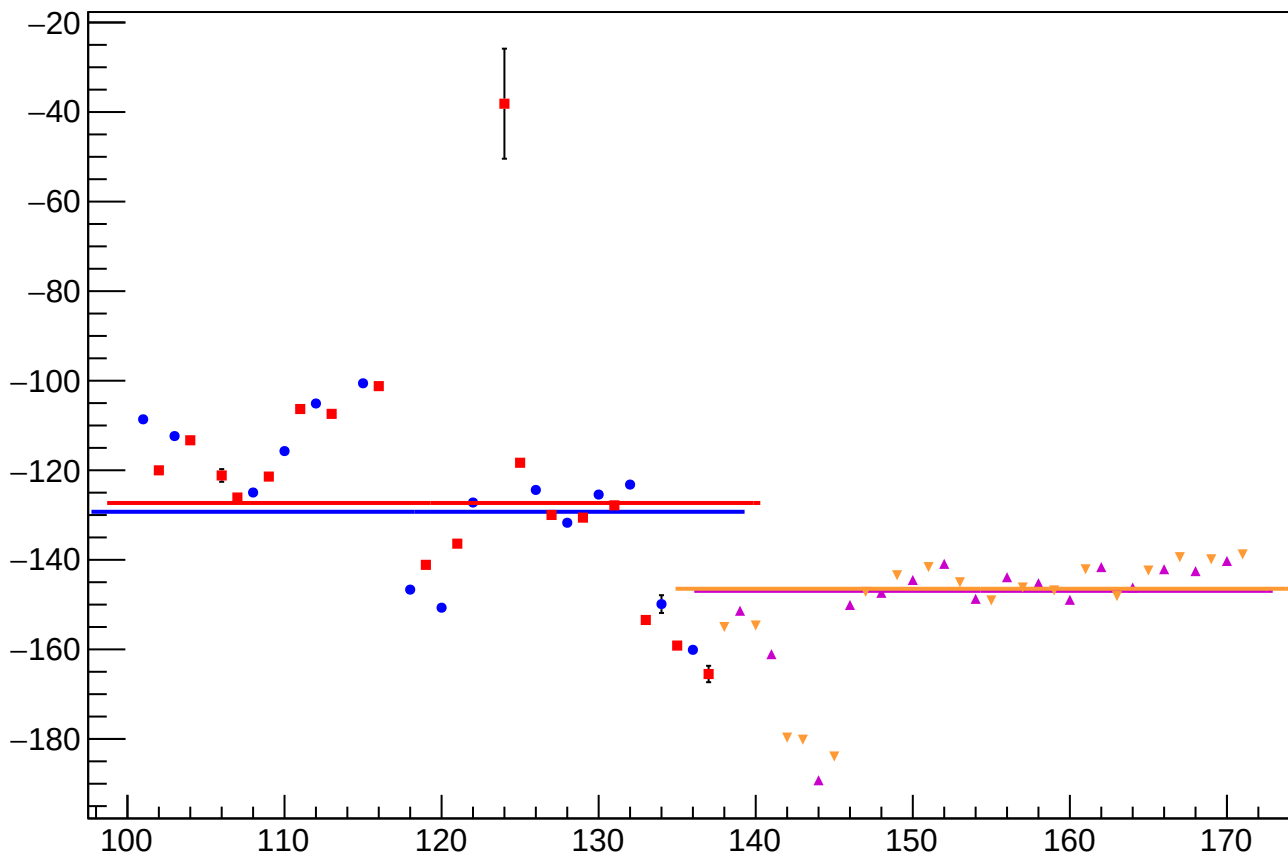
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.262 $\pm$ 0.008 χ^2 /NDF: 157726.9/30

Out: 18.953 $\pm$ 0.008 χ^2 /NDF: 142758.8/34

All: 19.638 $\pm$ 0.006 χ^2 /NDF: 314514.8/65

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -146.457+/-0.052 χ^2/NDF : 36253.0/17

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -146.926+/-0.054 χ^2/NDF : 23941.6/15

Left: -146.682+/-0.037 χ^2/NDF : 60234.0/33

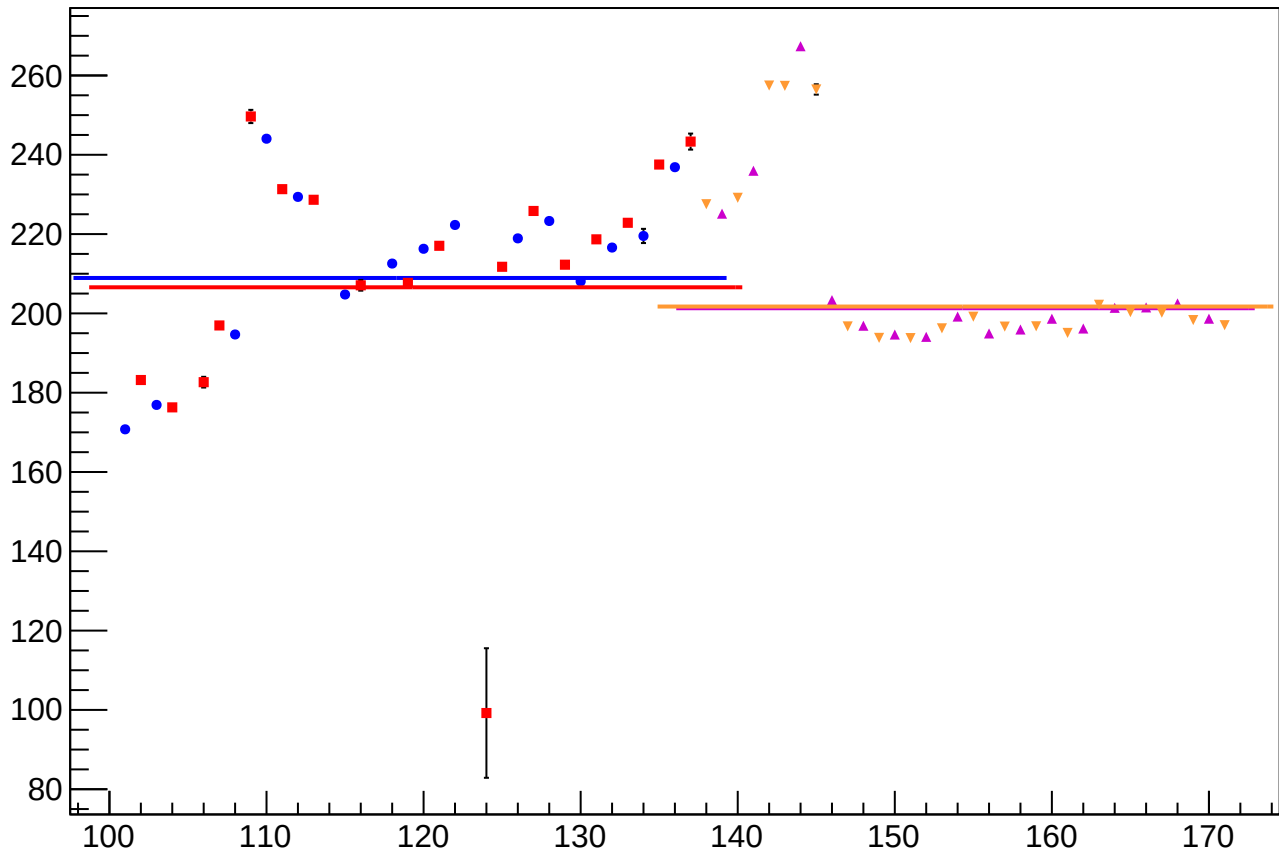
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -142.096+/-0.046 χ^2/NDF : 88436.2/30

Out: -141.222+/-0.044 χ^2/NDF : 103352.3/35

All: -141.642+/-0.032 χ^2/NDF : 191977.1/66

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 201.728 $\pm$ 0.044 χ^2 /NDF:104870.7/17

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 201.300 $\pm$ 0.046 χ^2 /NDF:76341.1/15

Left: 201.524 $\pm$ 0.032 χ^2 /NDF: 181257.1/33

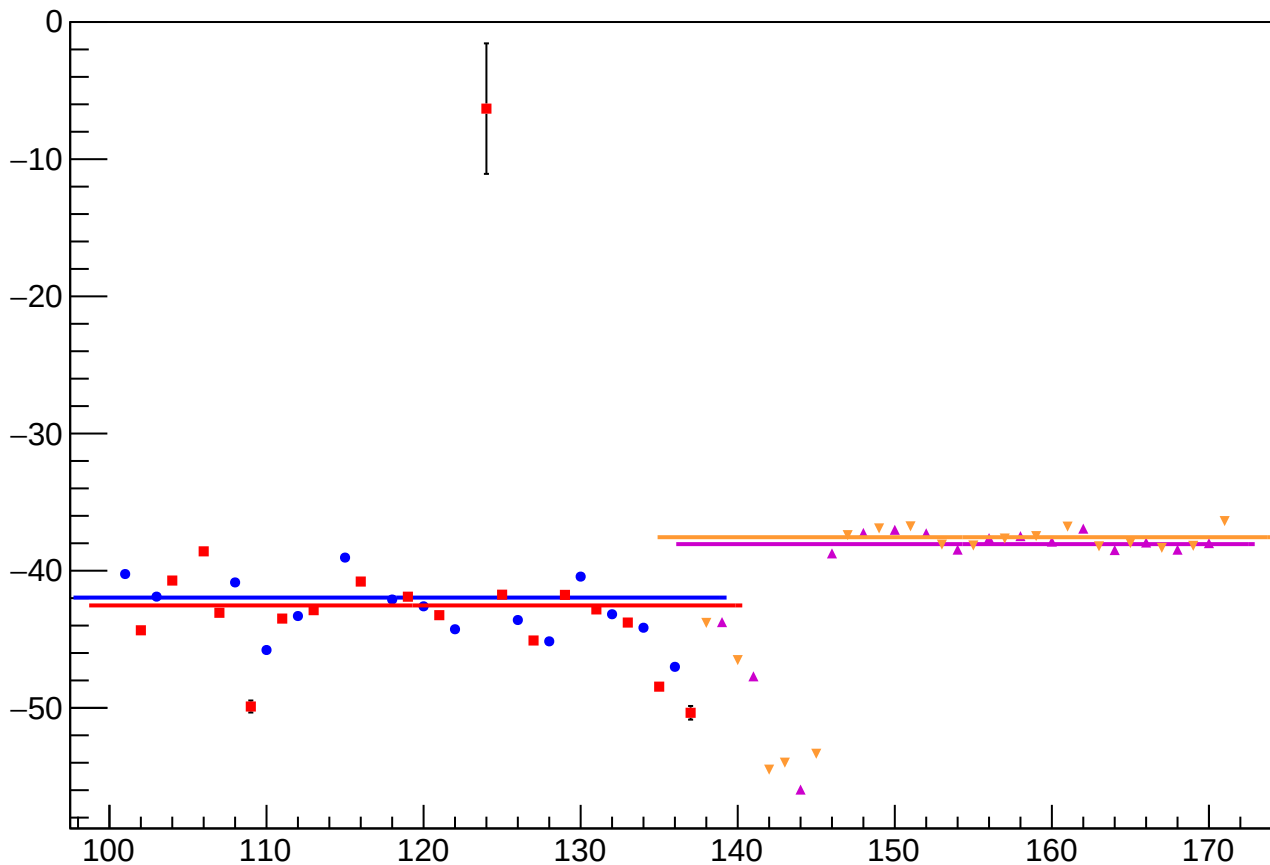
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 202.906 $\pm$ 0.041 χ^2 /NDF:126808.7/30

Out: 202.789 $\pm$ 0.039 χ^2 /NDF:155740.5/35

All: 202.845 $\pm$ 0.028 χ^2 /NDF: 282553.5/66

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.557 ± 0.004 χ^2/NDF : 225622.3/17

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.062 ± 0.005 χ^2/NDF : 133230.3/15

Left: -37.779 ± 0.003 χ^2/NDF : 364805.1/33

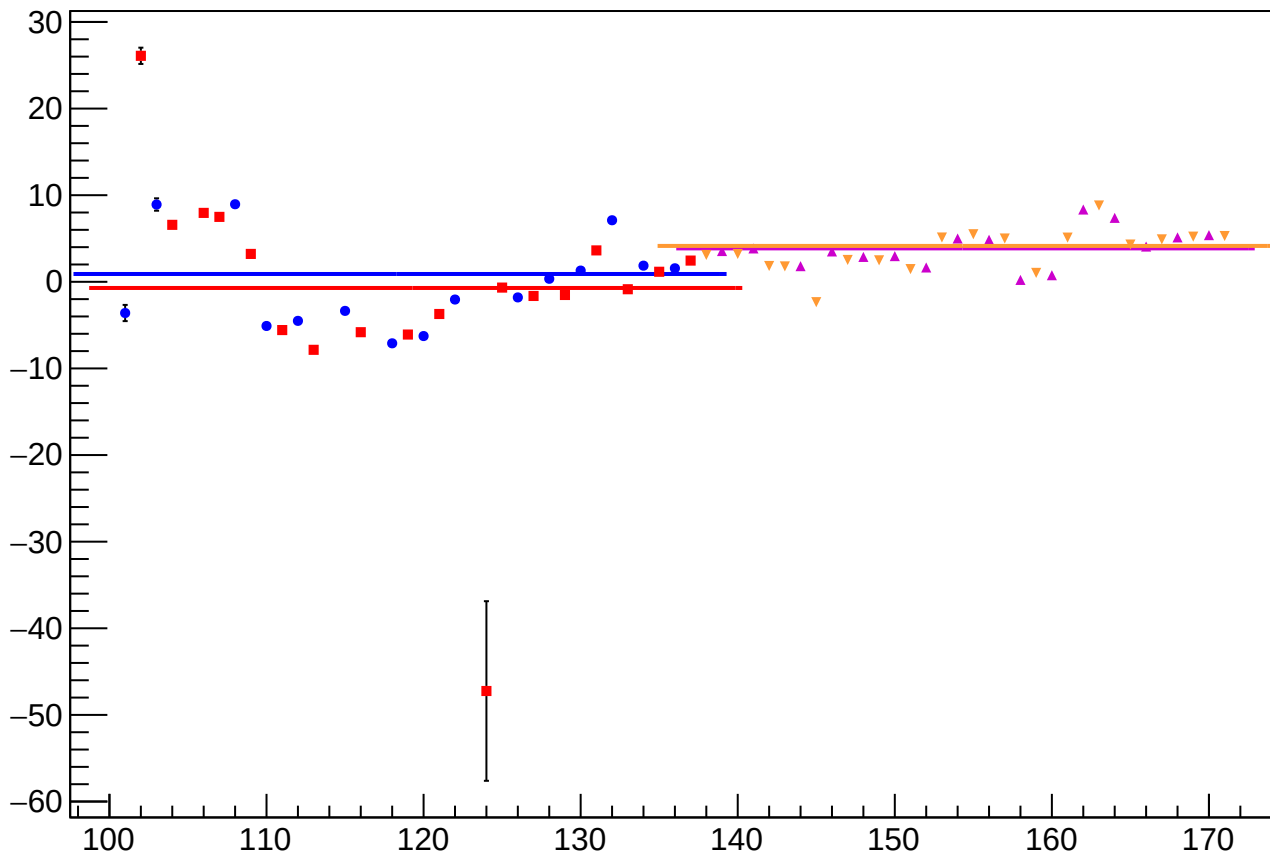
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.412 ± 0.005 χ^2/NDF : 214220.6/30

Out: -37.767 ± 0.004 χ^2/NDF : 287327.1/35

All: -38.058 ± 0.003 χ^2/NDF : 512000.1/66

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.143 ± 0.006 χ^2/NDF : 89222.1/17

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.858 ± 0.008 χ^2/NDF : 67095.9/15

Left: 4.027 ± 0.005 χ^2/NDF : 157111.3/33

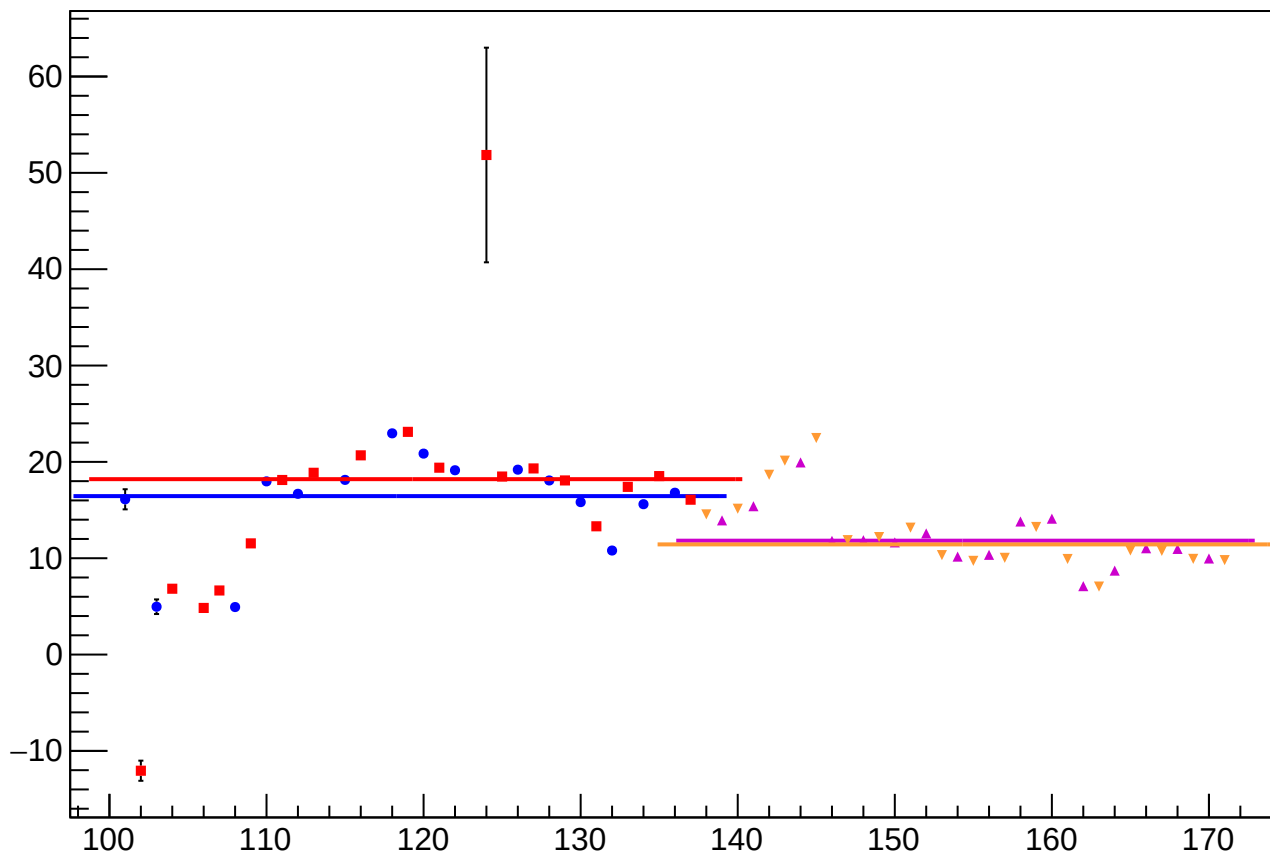
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.467 ± 0.007 χ^2/NDF : 107085.3/30

Out: 3.822 ± 0.006 χ^2/NDF : 157213.7/35

All: 3.672 ± 0.005 χ^2/NDF : 265672.7/66

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.436 $\pm$ 0.008 χ^2 /NDF: 96883.4/17

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.820 $\pm$ 0.010 χ^2 /NDF: 48533.7/15

Left: 11.601 $\pm$ 0.006 χ^2 /NDF: 146308.0/33

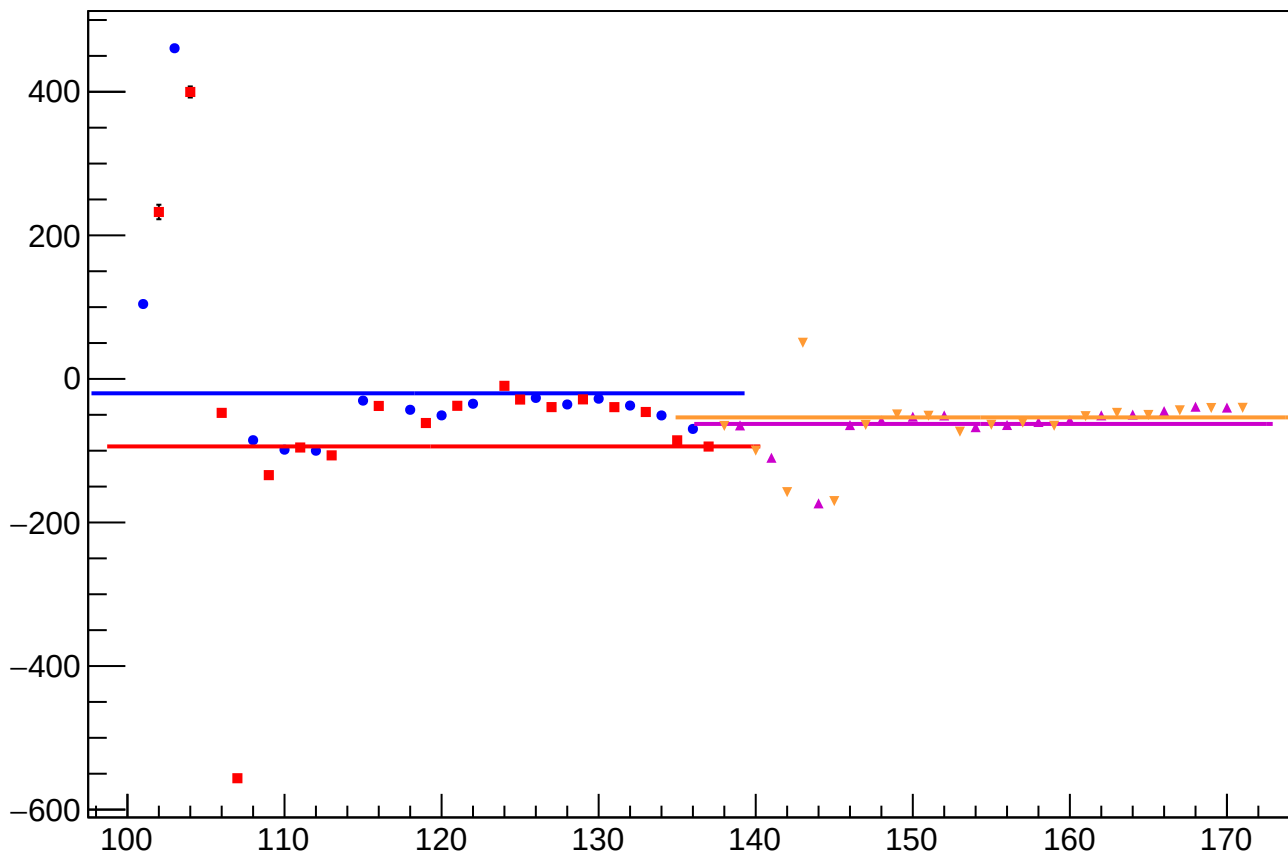
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.456 $\pm$ 0.009 χ^2 /NDF: 93715.1/30

Out: 12.422 $\pm$ 0.008 χ^2 /NDF: 218214.8/35

All: 12.436 $\pm$ 0.006 χ^2 /NDF: 311938.2/66

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -53.602 ± 0.100 χ^2/NDF : 52670.1/17

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -62.719 ± 0.128 χ^2/NDF : 45418.4/15

Left: -57.022 ± 0.079 χ^2/NDF : 101235.6/33

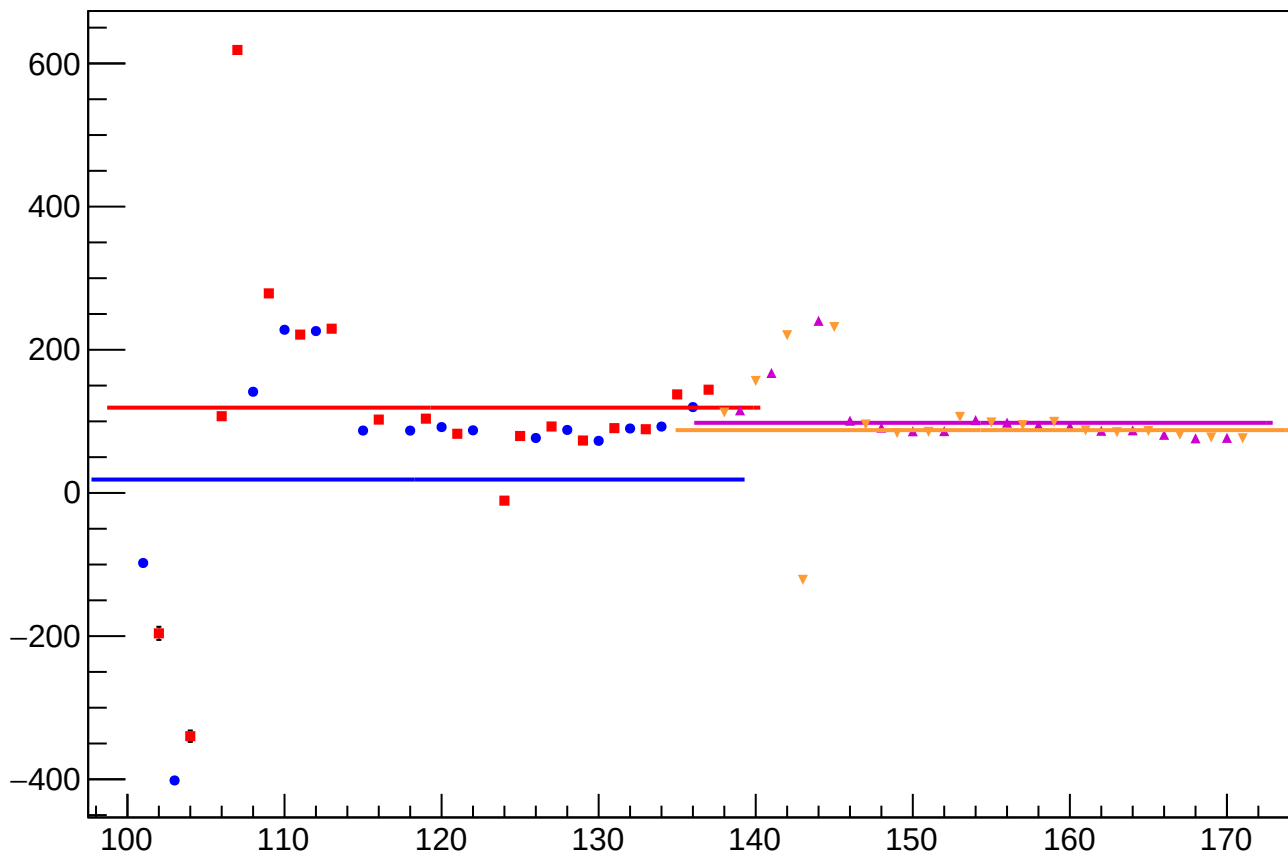
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -45.100 ± 0.098 χ^2/NDF : 532427.4/30

Out: -93.429 ± 0.012 χ^2/NDF : 302740.3/35

All: -92.681 ± 0.012 χ^2/NDF : 1072556.2/66

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 87.755+/-0.088 χ^2/NDF : 171483.8/17

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 97.978+/-0.111 χ^2/NDF : 67166.9/15

Left: 91.702+/-0.069 χ^2/NDF : 243875.4/33

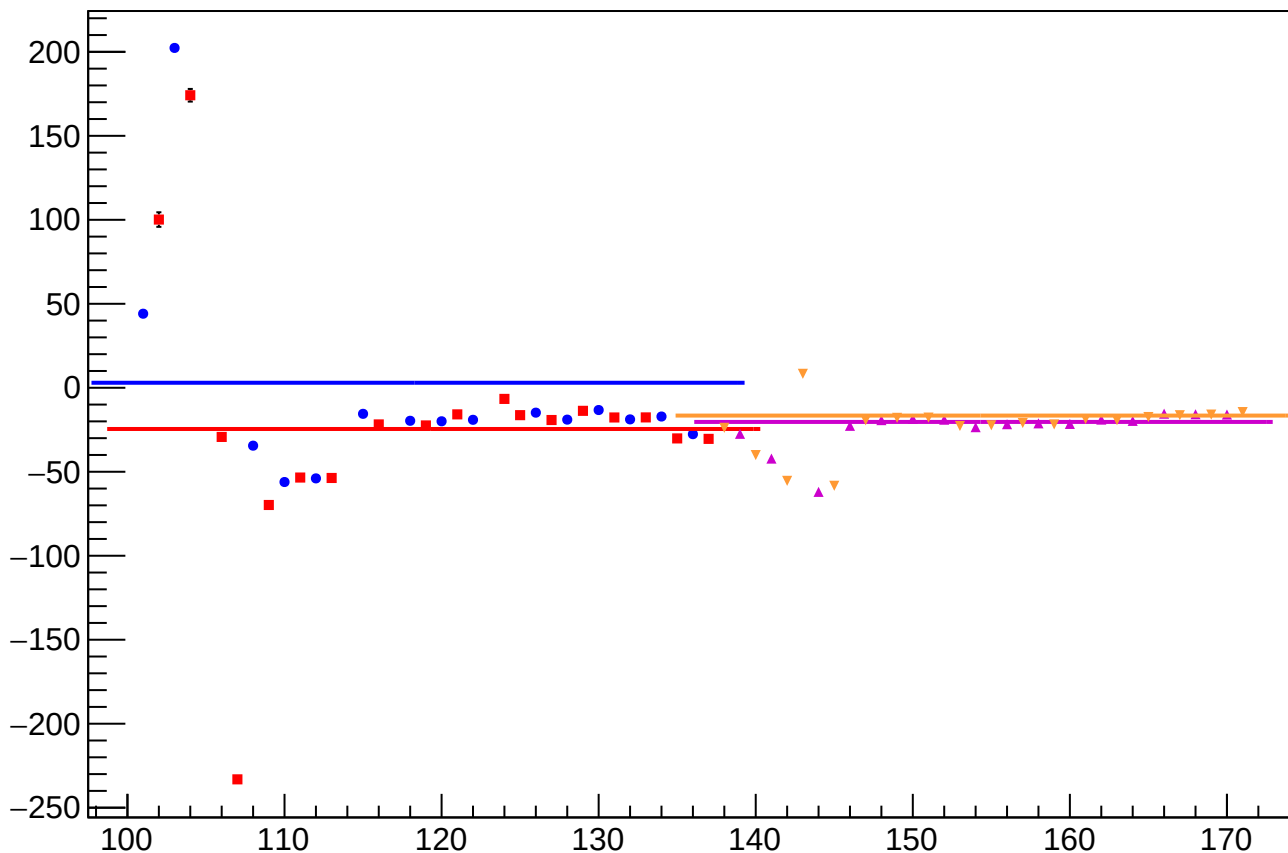
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 70.491+/-0.090 χ^2/NDF : 1346328.1/30

Out: 92.870+/-0.080 χ^2/NDF : 279740.5/35

All: 82.882+/-0.060 χ^2/NDF : 1660640.0/66

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.548 ± 0.013 χ^2/NDF : 573374.8/17

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -20.337 ± 0.015 χ^2/NDF : 148715.5/15

Left: -18.136 ± 0.010 χ^2/NDF : 758868.9/33

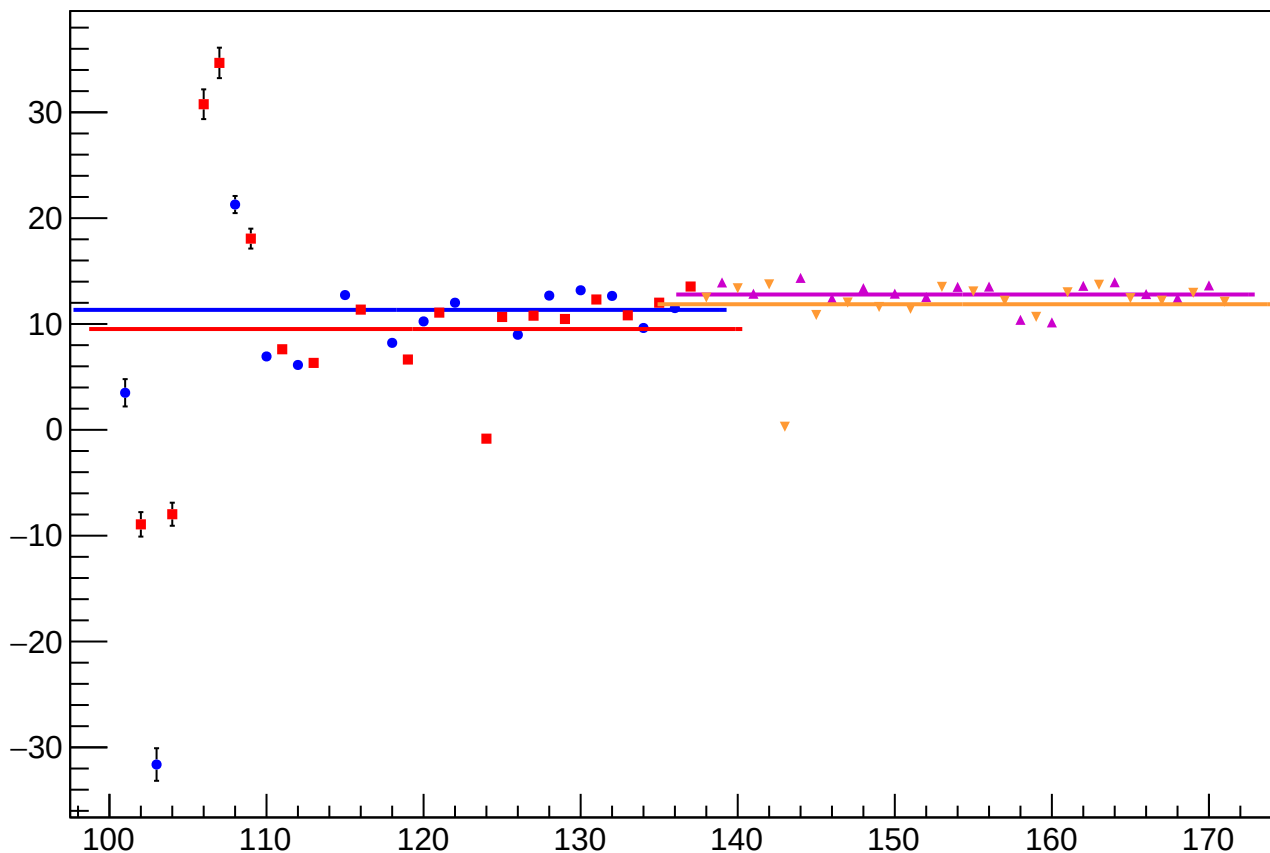
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.766 ± 0.013 χ^2/NDF : 4218523.1/30

Out: -17.180 ± 0.012 χ^2/NDF : 780708.8/35

All: -16.055 ± 0.009 χ^2/NDF : 5017259.8/66

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.866+/-0.016 χ^2 /NDF:30682.8/17

Right Out: 9.524+/-0.048 χ^2 /NDF: 4066.9/17

Left In: 12.786+/-0.014 χ^2 /NDF:5432.8/15

Left: 12.381+/-0.010 χ^2 /NDF: 38028.7/33

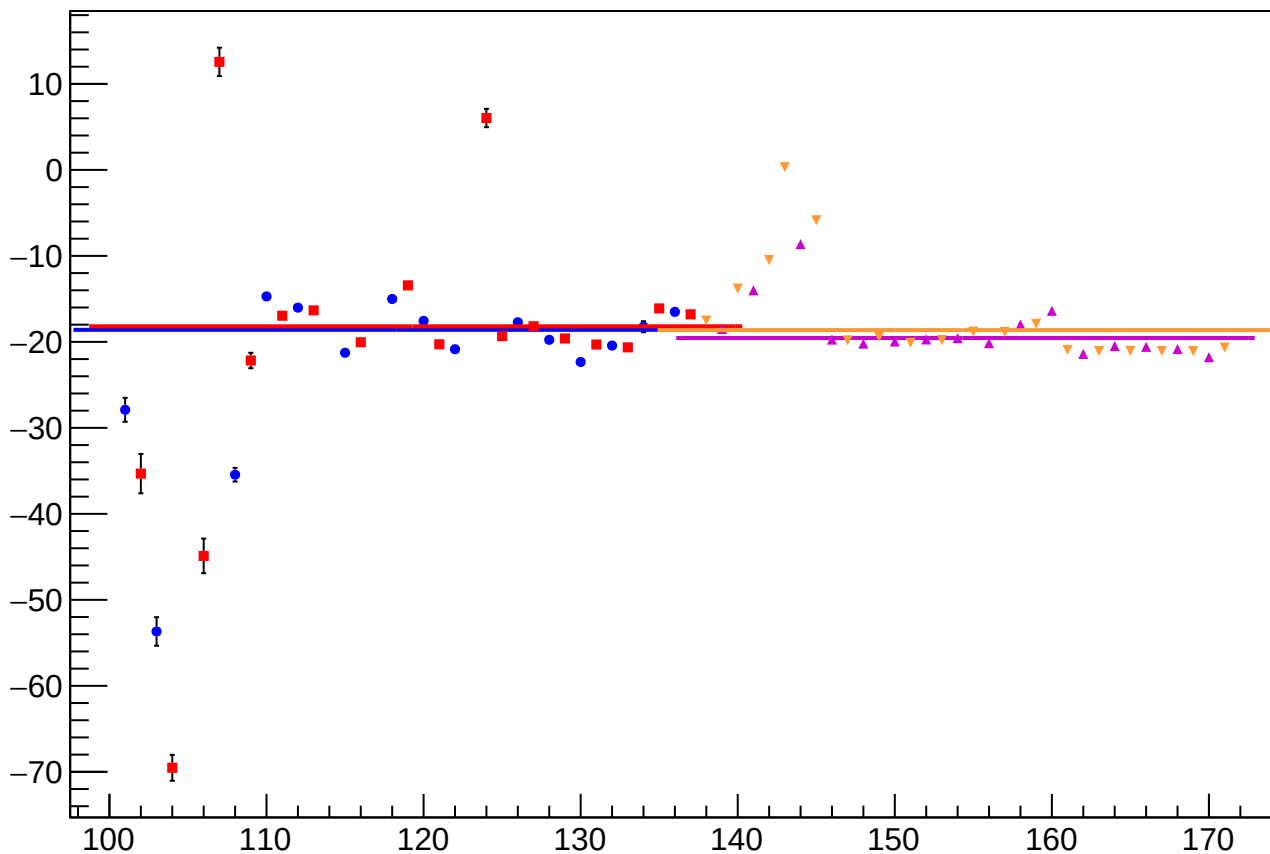
Right: 10.651+/-0.029 χ^2 /NDF: 7358.3/32

In: 12.608+/-0.013 χ^2 /NDF:9164.2/30

Out: 11.639+/-0.015 χ^2 /NDF:36898.3/35

All: 12.188+/-0.010 χ^2 /NDF: 48444.9/66

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -18.630 ± 0.018 χ^2/NDF : 53206.7/17

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.547 ± 0.018 χ^2/NDF : 11139.5/15

Left: -19.103 ± 0.013 χ^2/NDF : 65658.7/33

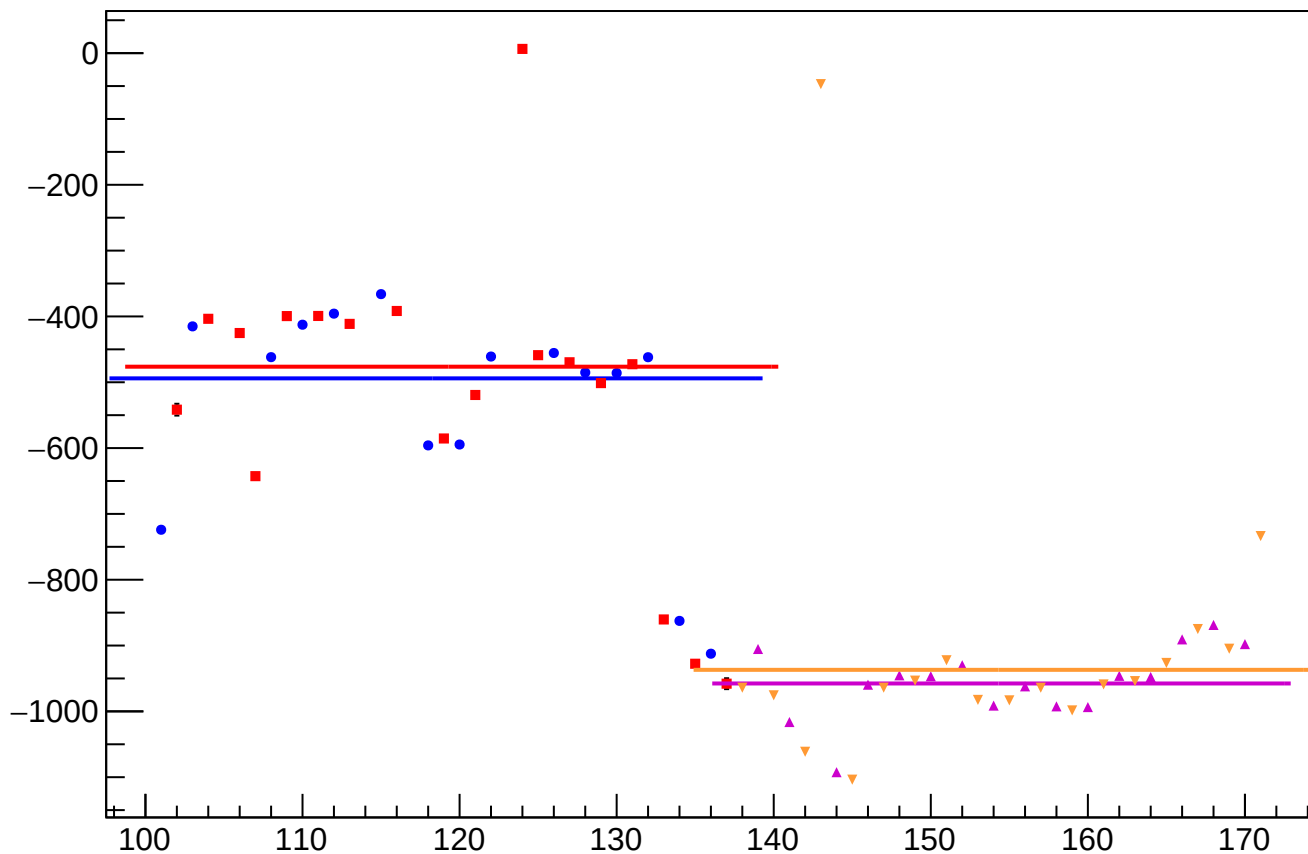
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.373 ± 0.016 χ^2/NDF : 17862.8/30

Out: -18.577 ± 0.017 χ^2/NDF : 58157.8/35

All: -19.003 ± 0.012 χ^2/NDF : 77181.6/66

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -936.900 ± 0.178 $\chi^2/\text{NDF}: 360397.1/17$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -957.617 ± 0.178 $\chi^2/\text{NDF}: 61731.6/15$

Left: -947.246 ± 0.126 $\chi^2/\text{NDF}: 428877.6/33$

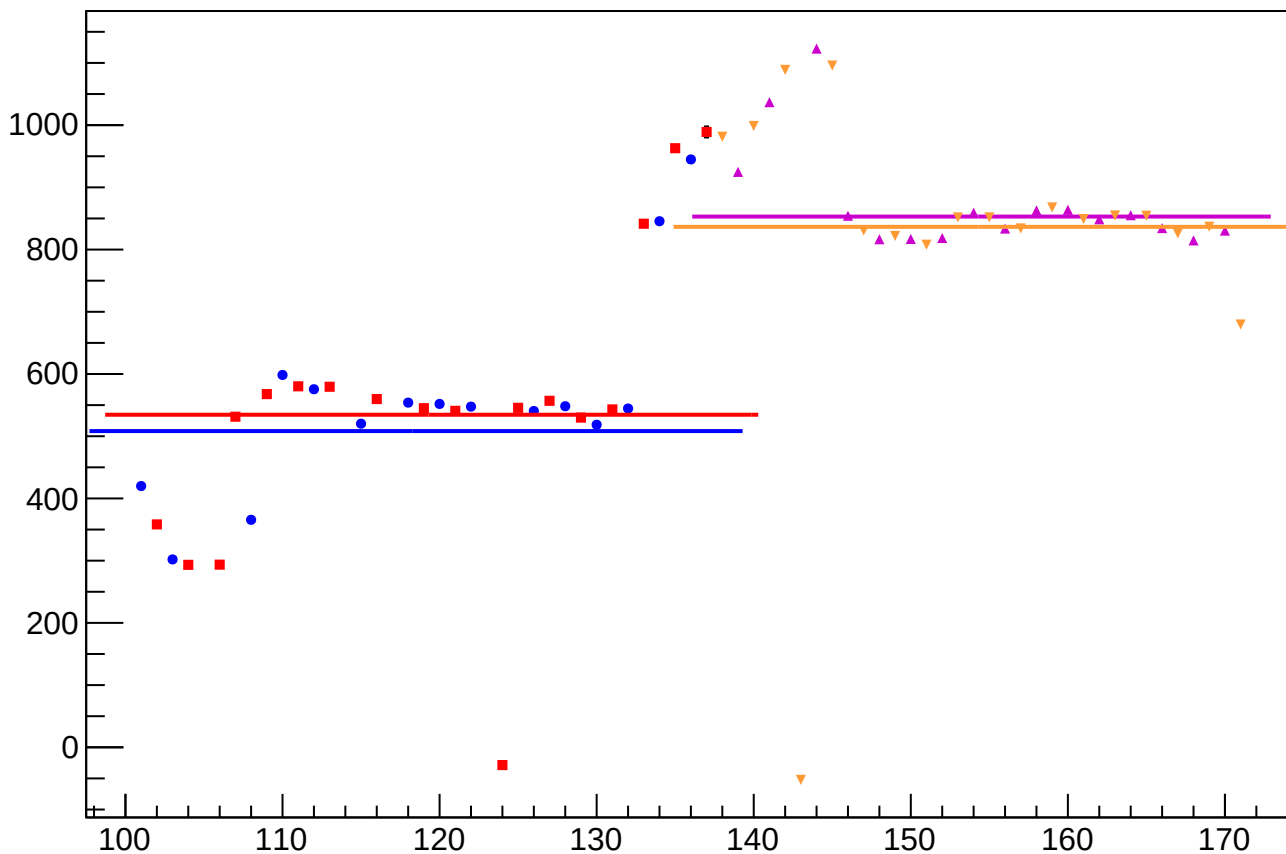
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -785.433 ± 0.141 $\chi^2/\text{NDF}: 2894750.7/30$

Out: -715.378 ± 0.128 $\chi^2/\text{NDF}: 4166591.8/35$

All: -747.022 ± 0.095 $\chi^2/\text{NDF}: 7195818.6/66$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 836.542 $\pm$ 0.146 χ^2 /NDF:425924.4/17

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 853.056 $\pm$ 0.146 χ^2 /NDF:94810.5/15

Left: 844.791 $\pm$ 0.103 χ^2 /NDF: 527150.8/33

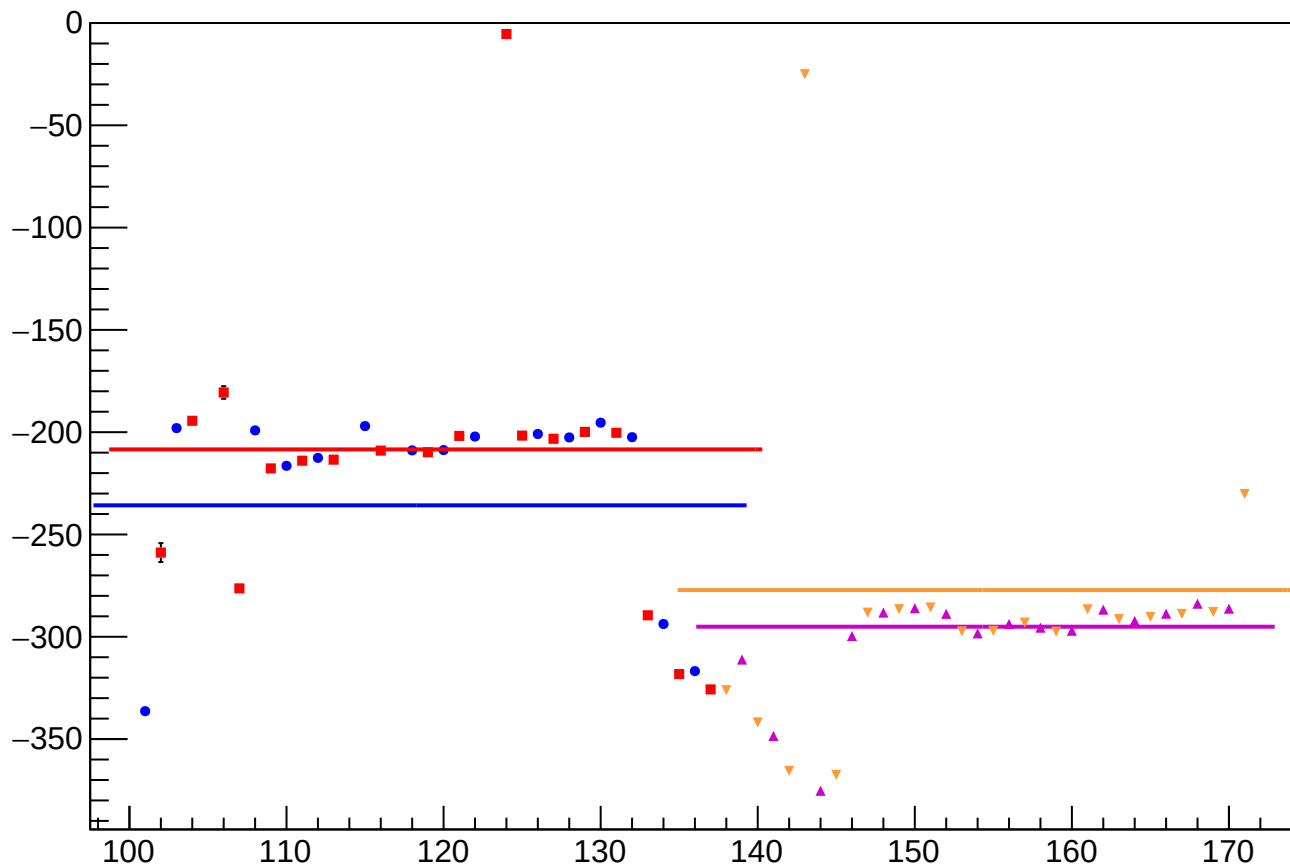
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 748.887 $\pm$ 0.122 χ^2 /NDF:2222685.2/30

Out: 742.787 $\pm$ 0.121 χ^2 /NDF:2127670.0/35

All: 745.816 $\pm$ 0.086 χ^2 /NDF: 4351617.0/66

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -277.166+/-0.025 χ^2/NDF : 6378316.9/17

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -295.077+/-0.025 χ^2/NDF : 267094.1/15

Left: -285.984+/-0.018 χ^2/NDF : 6896994.0/33

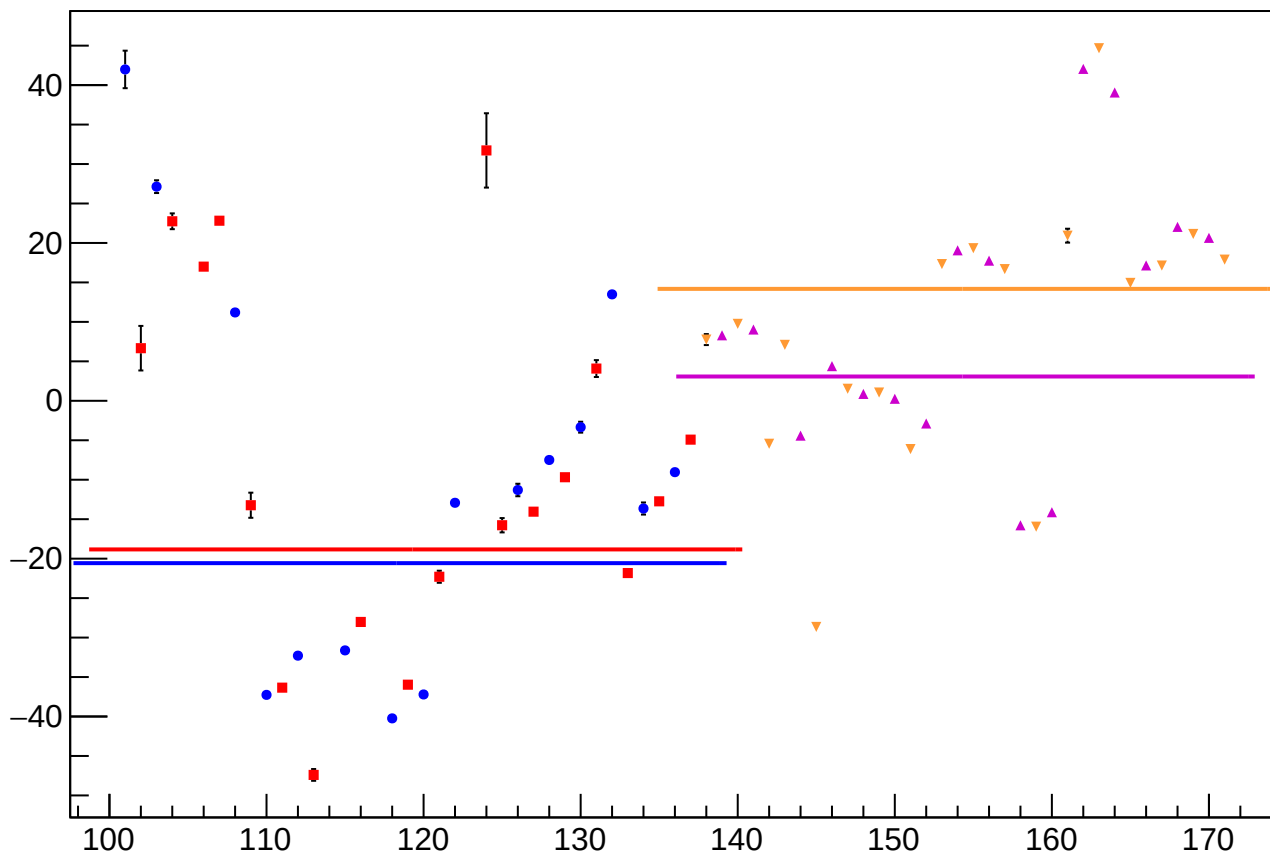
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -284.688+/-0.023 χ^2/NDF : 2095408.9/30

Out: -261.821+/-0.022 χ^2/NDF : 8433813.0/35

All: -272.737+/-0.016 χ^2/NDF : 11041044.7/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 14.183 ± 0.023 χ^2/NDF : 455212.0/17

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 3.079 ± 0.021 χ^2/NDF : 674341.2/15

Left: 8.119 ± 0.016 χ^2/NDF : 1253596.3/33

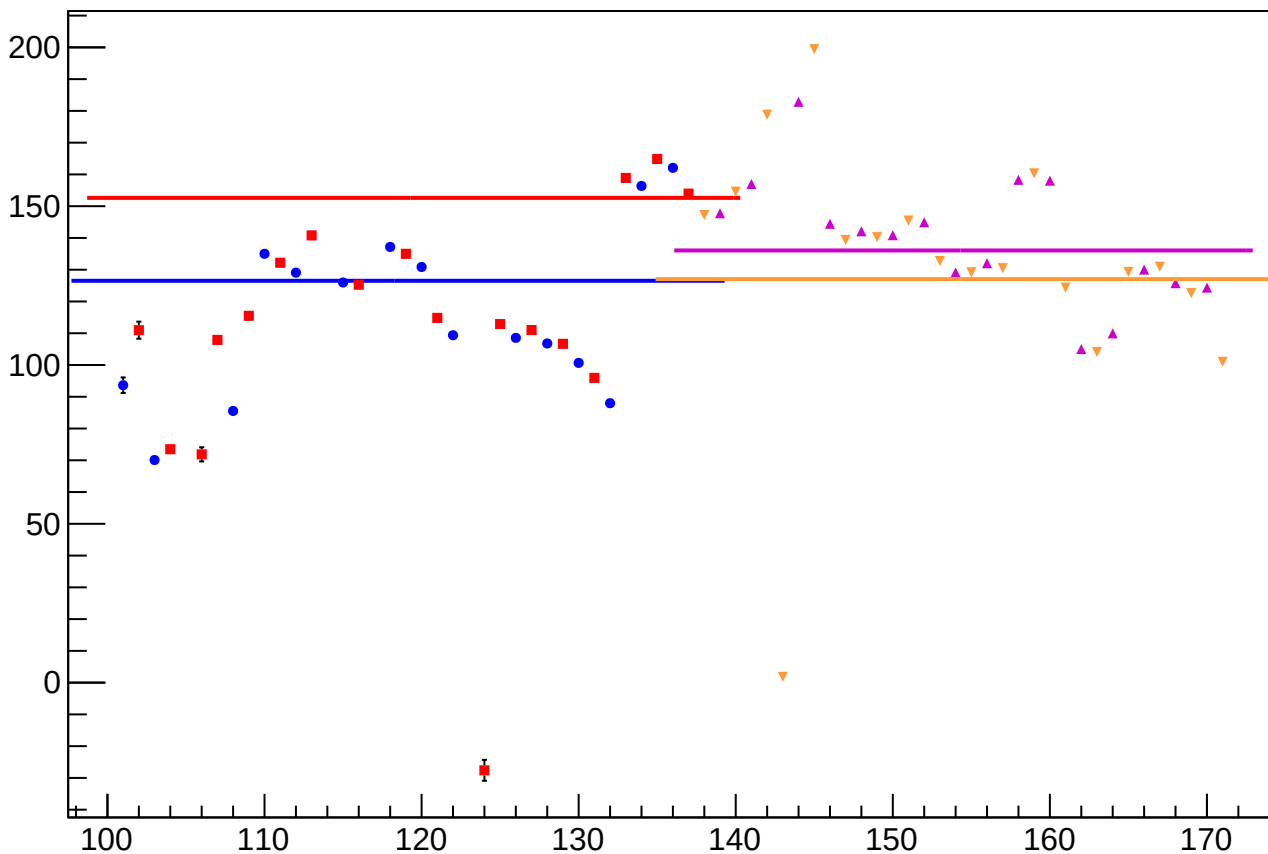
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 1.154 ± 0.020 χ^2/NDF : 838689.9/30

Out: 12.715 ± 0.023 χ^2/NDF : 565342.1/35

All: 6.288 ± 0.015 χ^2/NDF : 1547284.8/66

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 127.038 $\pm$ 0.030 χ^2 /NDF: 614871.5/17

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 136.065 $\pm$ 0.028 χ^2 /NDF: 372377.3/15

Left: 131.870 $\pm$ 0.020 χ^2 /NDF: 1035816.7/33

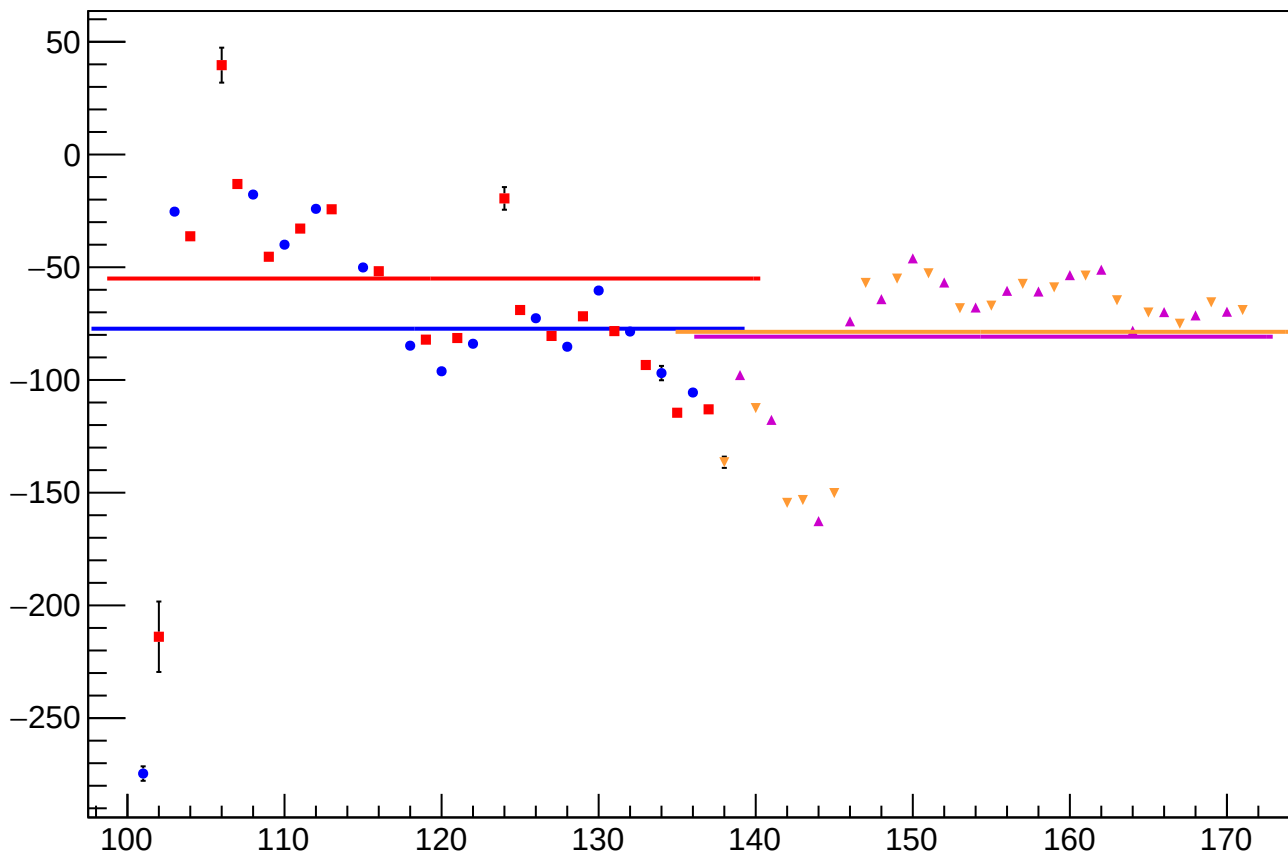
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.115 $\pm$ 0.026 χ^2 /NDF: 498978.6/30

Out: 139.666 $\pm$ 0.021 χ^2 /NDF: 1048621.1/35

All: 137.877 $\pm$ 0.017 χ^2 /NDF: 1565505.2/66

dit_atr1_4aX_slope vs Slug, Sign Corrected



Left: -79.696 ± 0.094 $\chi^2/\text{NDF}: 117931.6/33$

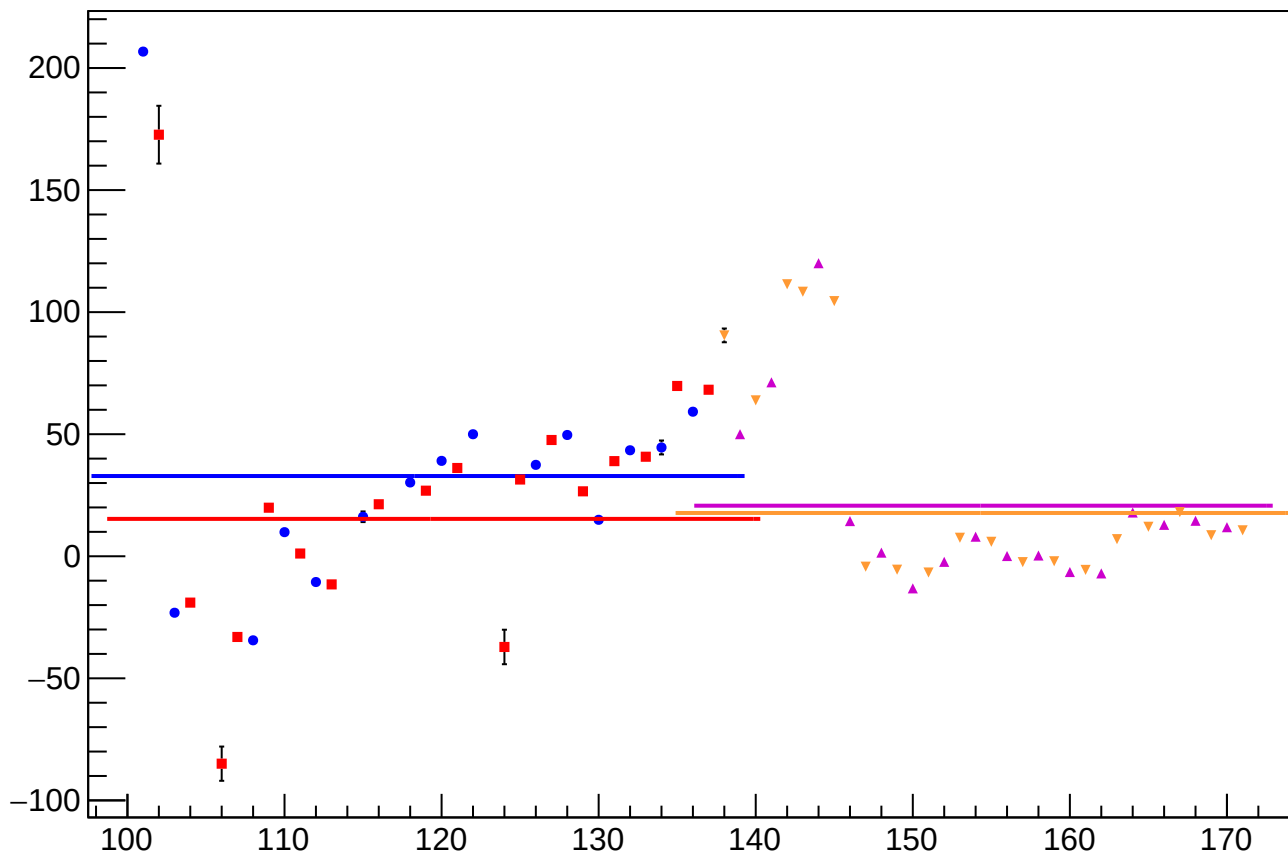
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -79.189 ± 0.099 $\chi^2/\text{NDF}: 89728.6/30$

Out: -71.084 ± 0.108 $\chi^2/\text{NDF}: 92872.9/35$

All: -75.474 ± 0.073 $\chi^2/\text{NDF}: 185674.7/66$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 17.731 $\pm$ 0.114 χ^2 /NDF:90101.8/17

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 20.717 $\pm$ 0.118 χ^2 /NDF:87815.5/15

Left: 19.174 $\pm$ 0.082 χ^2 /NDF: 178250.0/33

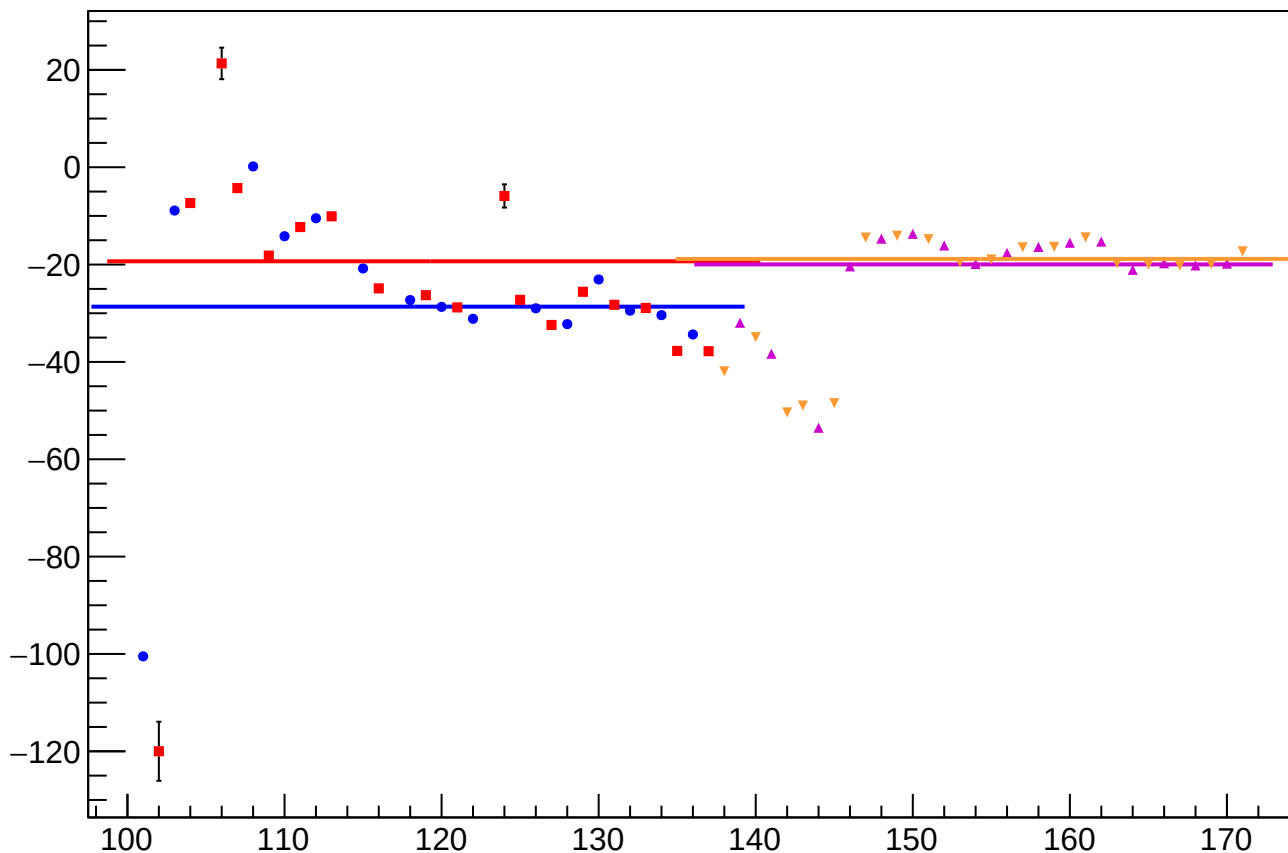
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 25.499 $\pm$ 0.092 χ^2 /NDF:123409.5/30

Out: 17.180 $\pm$ 0.100 χ^2 /NDF:106950.9/35

All: 21.704 $\pm$ 0.068 χ^2 /NDF: 234123.0/66

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.837 ± 0.015 χ^2/NDF : 224942.2/17

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -19.964 ± 0.017 χ^2/NDF : 193155.5/15

Left: -19.348 ± 0.011 χ^2/NDF : 420630.5/33

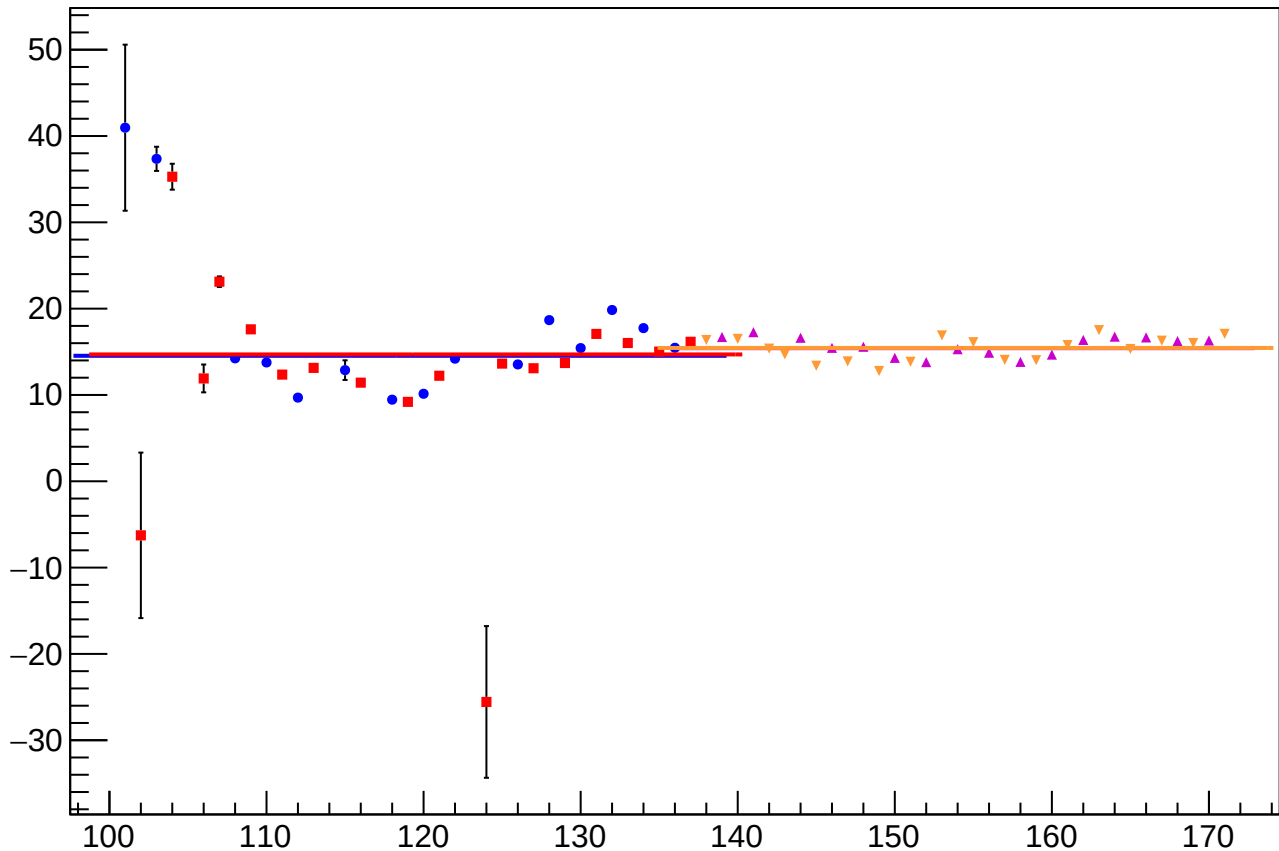
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -21.605 ± 0.015 χ^2/NDF : 358681.7/30

Out: -18.899 ± 0.014 χ^2/NDF : 281655.3/35

All: -20.177 ± 0.010 χ^2/NDF : 657752.0/66

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.448 $\pm$ 0.015 χ^2 /NDF: 7209.8/17

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.420 $\pm$ 0.016 χ^2 /NDF: 4879.7/15

Left: 15.434 $\pm$ 0.011 χ^2 /NDF: 12091.1/33

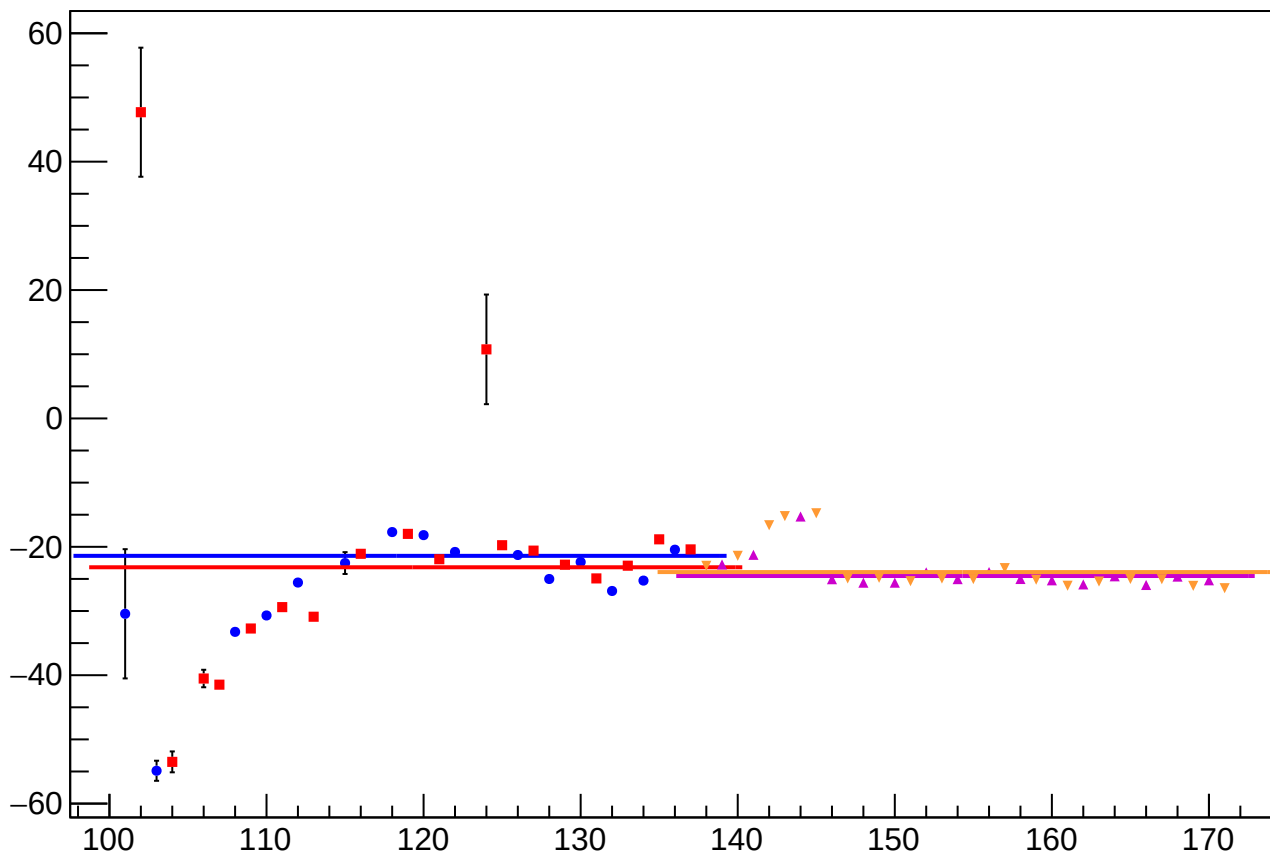
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.232 $\pm$ 0.014 χ^2 /NDF: 17639.0/30

Out: 15.366 $\pm$ 0.014 χ^2 /NDF: 9109.7/35

All: 15.297 $\pm$ 0.010 χ^2 /NDF: 26794.4/66

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.934 ± 0.018 $\chi^2/\text{NDF}: 35844.0/17$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.547 ± 0.019 $\chi^2/\text{NDF}: 8014.5/15$

Left: -24.229 ± 0.013 $\chi^2/\text{NDF}: 44420.5/33$

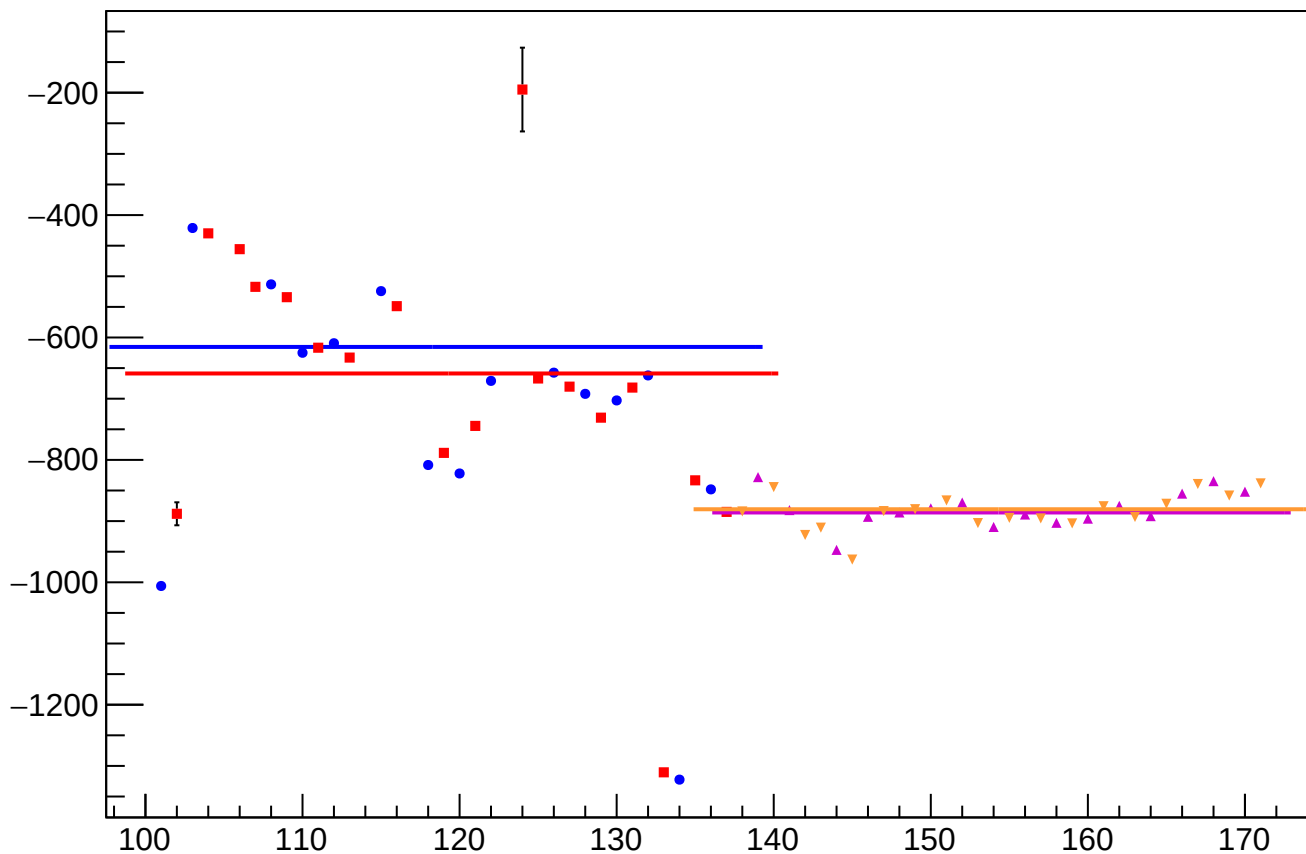
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.871 ± 0.017 $\chi^2/\text{NDF}: 23819.5/30$

Out: -23.852 ± 0.017 $\chi^2/\text{NDF}: 45161.5/35$

All: -23.861 ± 0.012 $\chi^2/\text{NDF}: 68981.6/66$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -880.640+/-0.146 χ^2/NDF : 30508.5/17

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -885.913+/-0.143 χ^2/NDF : 23231.0/15

Left: -883.345+/-0.102 χ^2/NDF : 54404.7/33

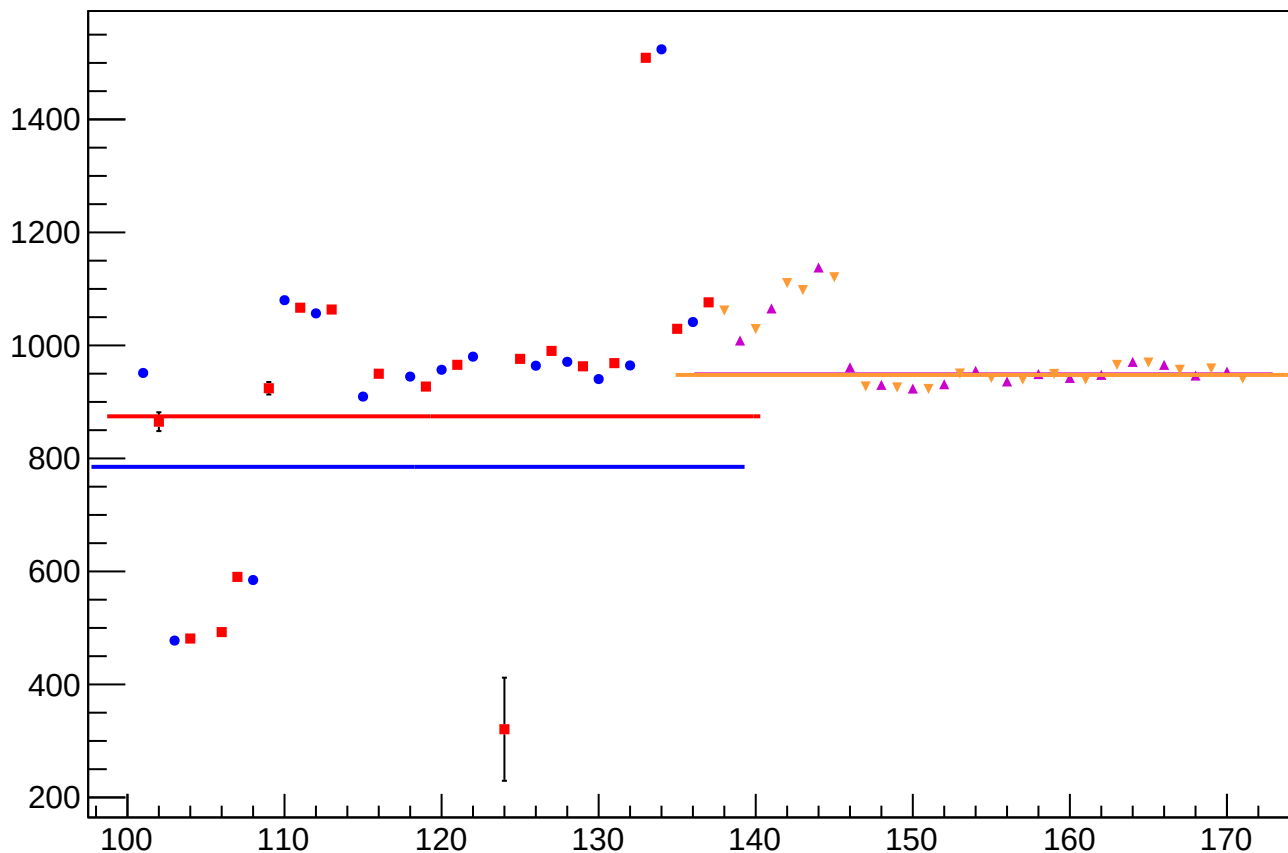
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -814.225+/-0.122 χ^2/NDF : 1358599.2/30

Out: -826.039+/-0.127 χ^2/NDF : 980643.9/35

All: -819.903+/-0.088 χ^2/NDF : 2343726.2/66

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 947.794 $\pm$ 0.121 χ^2/NDF : 71658.9/17

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 948.765 $\pm$ 0.118 χ^2/NDF : 75319.1/15

Left: 948.292 $\pm$ 0.084 χ^2/NDF : 147011.1/33

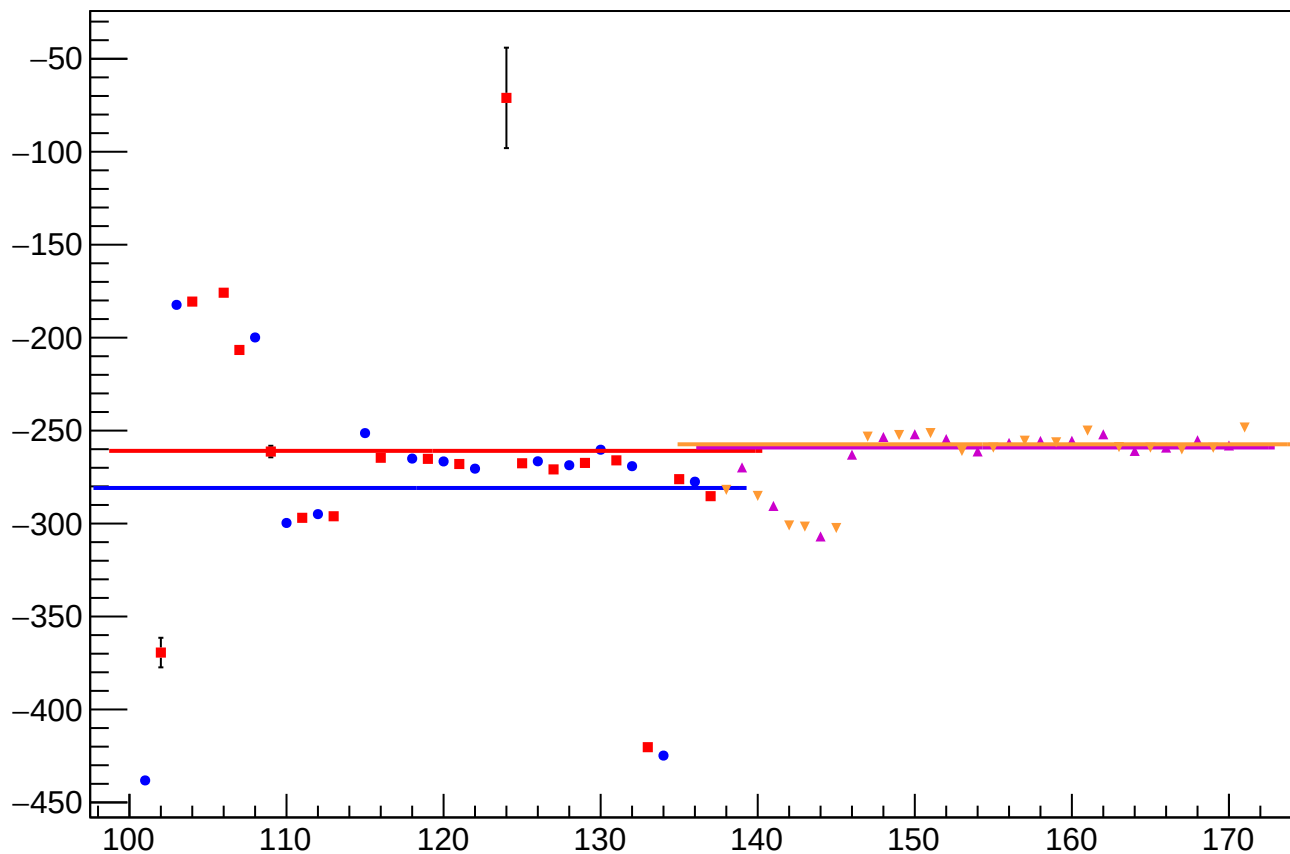
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 914.415 $\pm$ 0.104 χ^2/NDF : 1368485.6/30

Out: 934.905 $\pm$ 0.110 χ^2/NDF : 979055.9/35

All: 924.172 $\pm$ 0.076 χ^2/NDF : 2365860.1/66

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.365 ± 0.021 $\chi^2/\text{NDF}: 174862.0/17$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.084 ± 0.021 $\chi^2/\text{NDF}: 188233.8/15$

Left: -258.226 ± 0.015 $\chi^2/\text{NDF}: 366465.5/33$

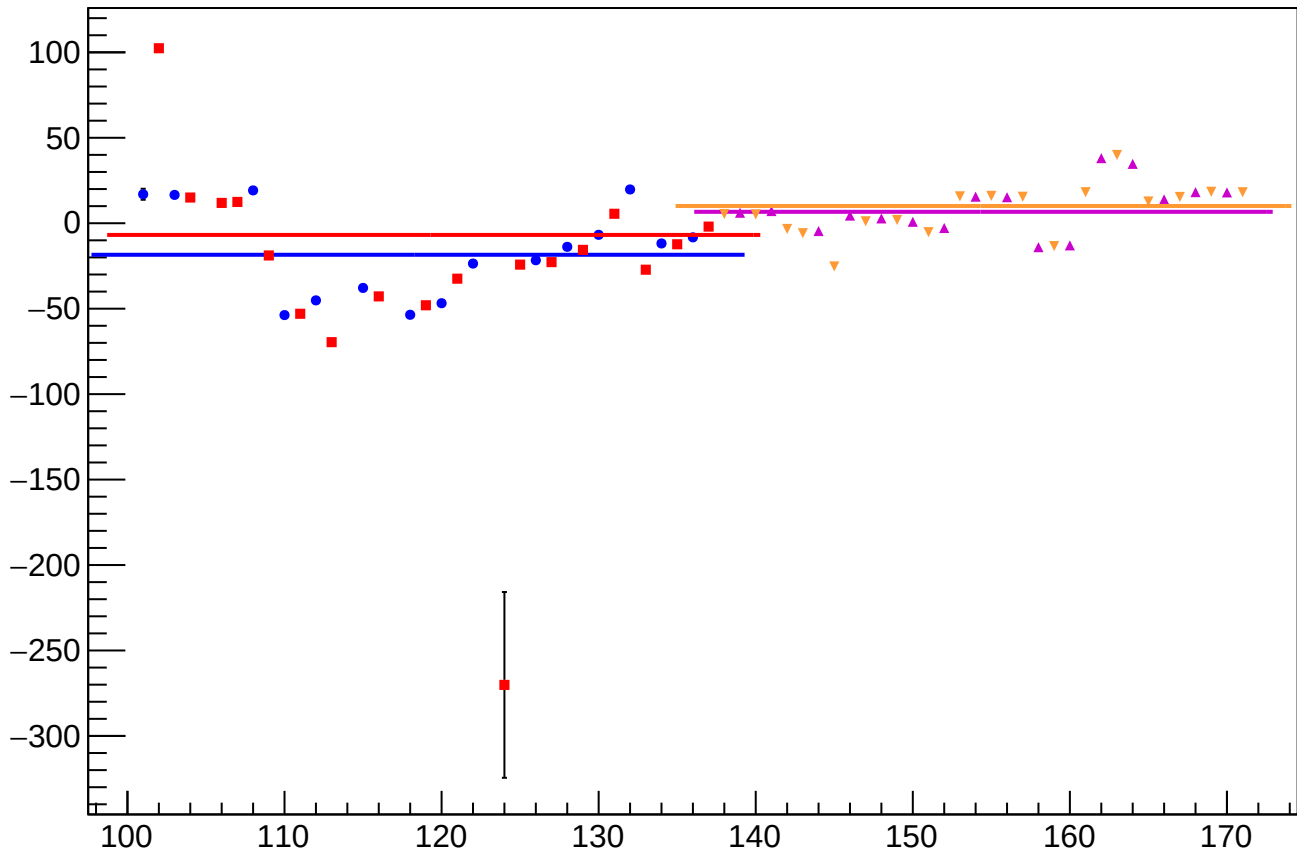
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.551 ± 0.020 $\chi^2/\text{NDF}: 1184521.5/30$

Out: -257.675 ± 0.020 $\chi^2/\text{NDF}: 525072.0/35$

All: -259.644 ± 0.014 $\chi^2/\text{NDF}: 1728635.6/66$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 10.101 ± 0.021 $\chi^2/\text{NDF}: 402857.6/17$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.679 ± 0.021 $\chi^2/\text{NDF}: 431893.6/15$

Left: 8.369 ± 0.015 $\chi^2/\text{NDF}: 848201.2/33$

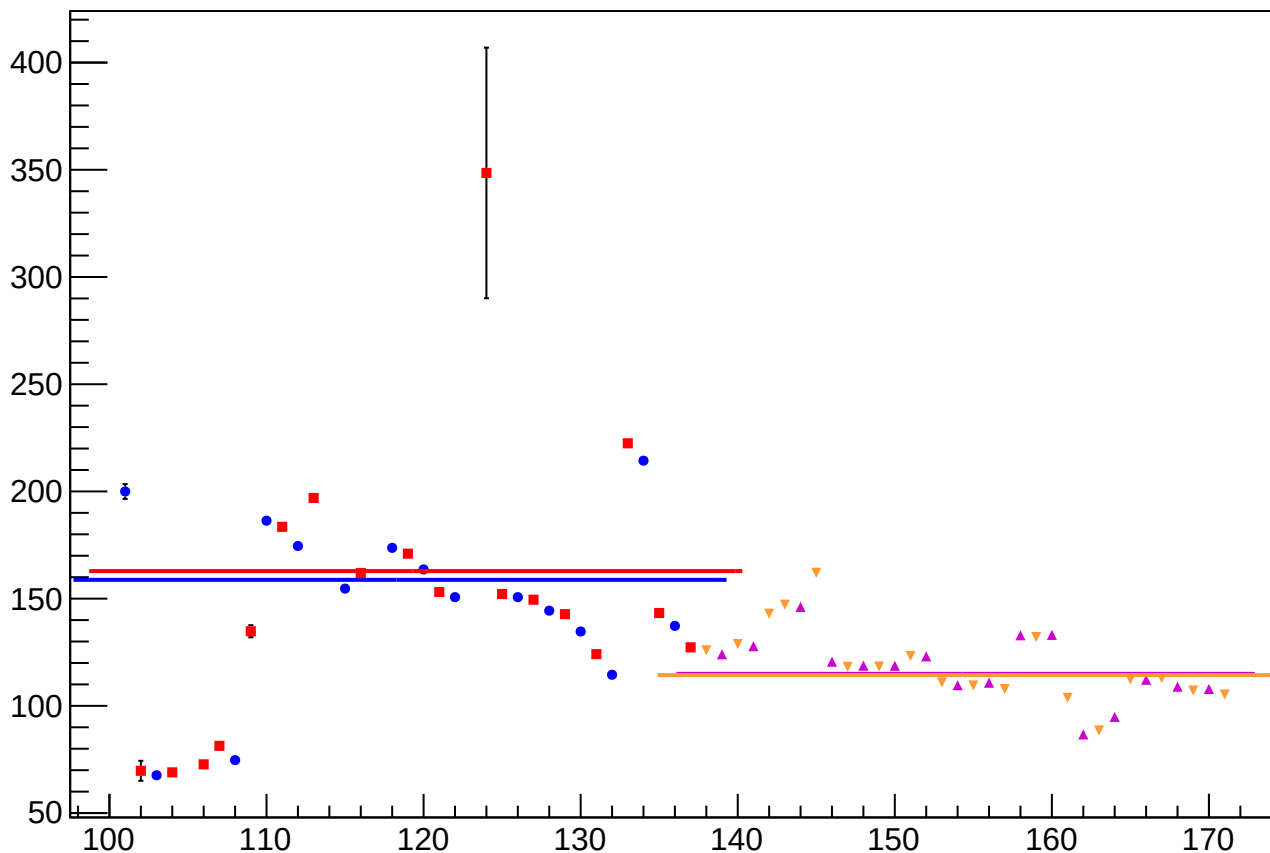
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 5.445 ± 0.020 $\chi^2/\text{NDF}: 550559.2/30$

Out: 8.482 ± 0.020 $\chi^2/\text{NDF}: 515152.1/35$

All: 6.983 ± 0.014 $\chi^2/\text{NDF}: 1077130.0/66$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 114.341 $\pm$ 0.025 χ^2 /NDF: 223190.3/17

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 114.928 $\pm$ 0.023 χ^2 /NDF: 297156.4/15

Left: 114.662 $\pm$ 0.017 χ^2 /NDF: 520644.0/33

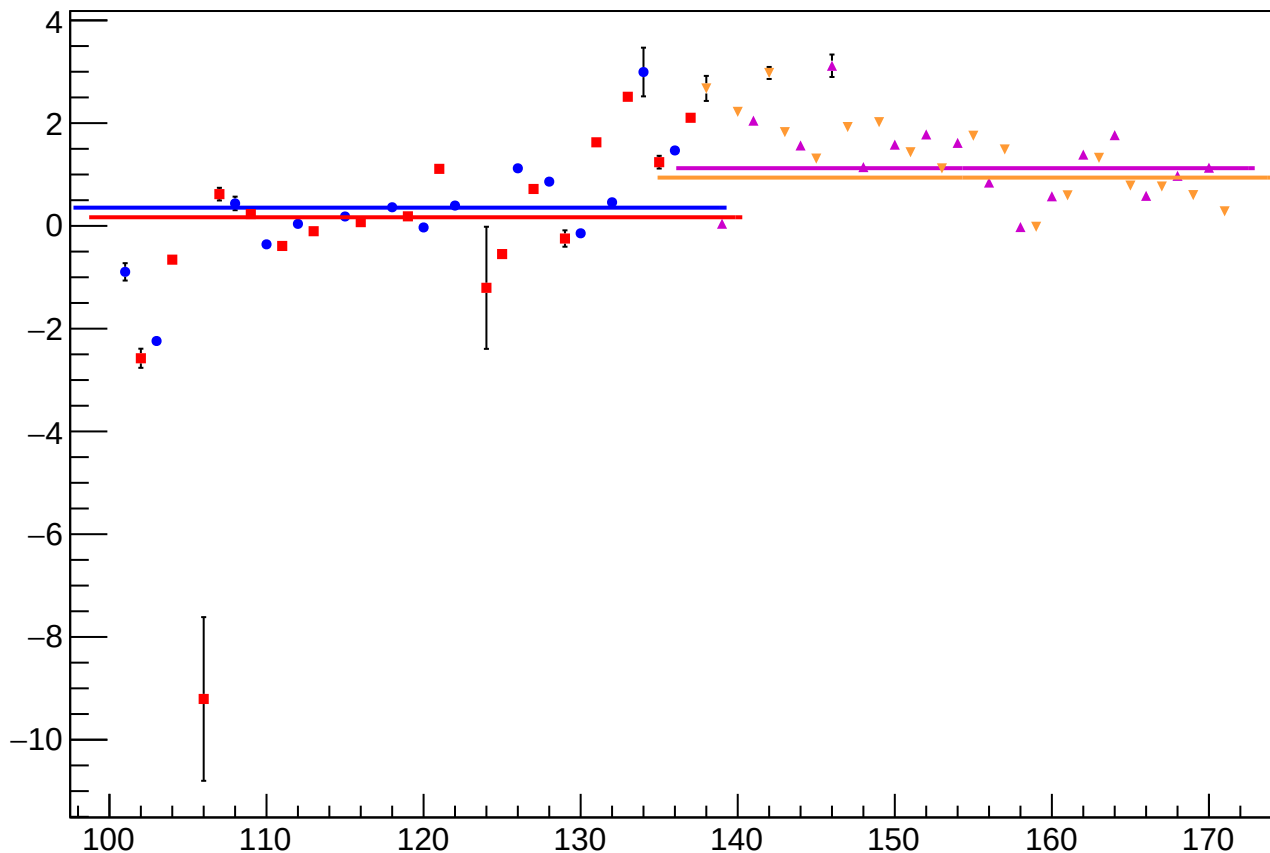
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 117.690 $\pm$ 0.022 χ^2 /NDF: 687140.6/30

Out: 117.646 $\pm$ 0.024 χ^2 /NDF: 631520.6/35

All: 117.670 $\pm$ 0.016 χ^2 /NDF: 1318663.0/66

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 0.940 $\pm$ 0.009 χ^2/NDF : 5597.8/17

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.123 $\pm$ 0.008 χ^2/NDF : 6428.9/15

Left: 1.046 $\pm$ 0.006 χ^2/NDF : 12267.0/33

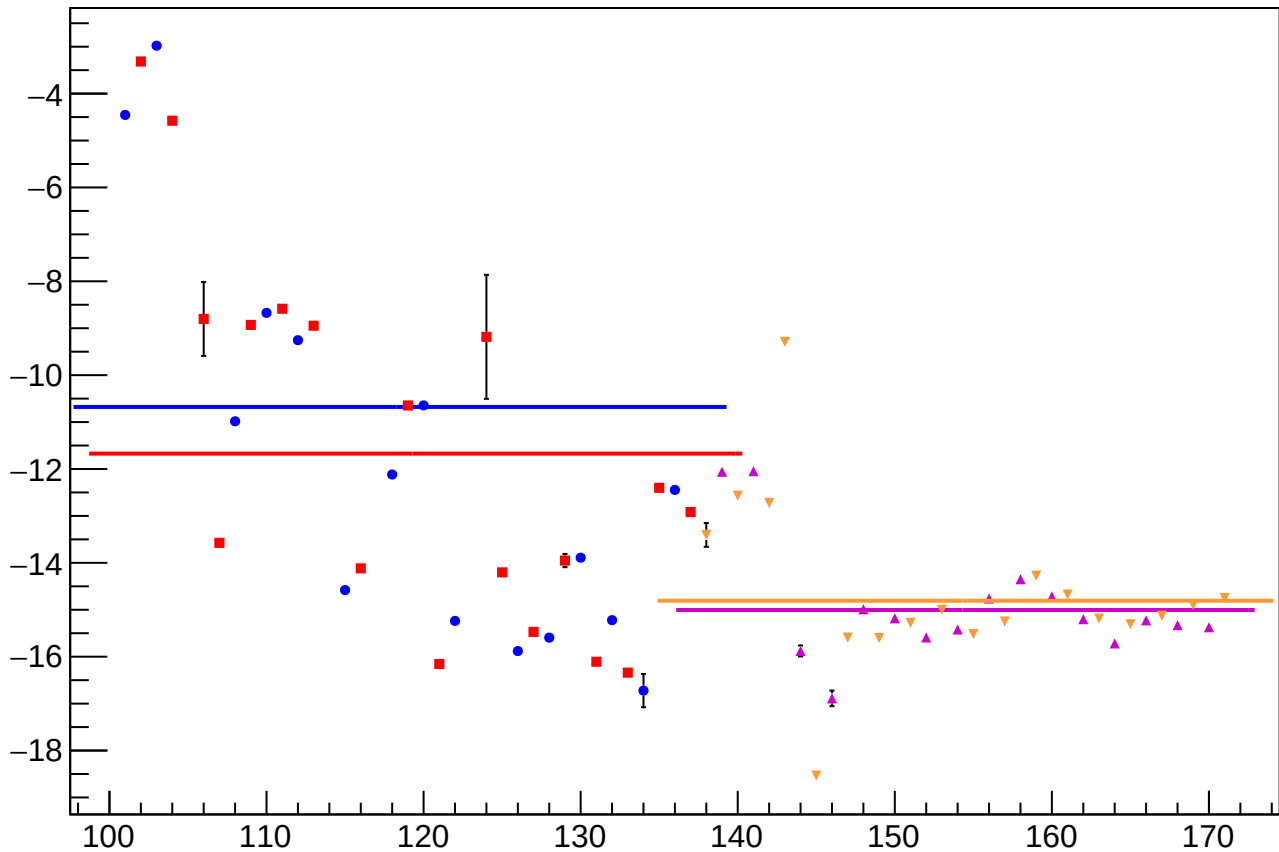
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.893 $\pm$ 0.006 χ^2/NDF : 13427.8/30

Out: 0.492 $\pm$ 0.006 χ^2/NDF : 14471.6/35

All: 0.672 $\pm$ 0.004 χ^2/NDF : 30030.3/66

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.808 $\pm$ 0.007 χ^2/NDF : 30593.3/17

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -15.005 $\pm$ 0.007 χ^2/NDF : 12660.6/15

Left: -14.914 $\pm$ 0.005 χ^2/NDF : 43649.9/33

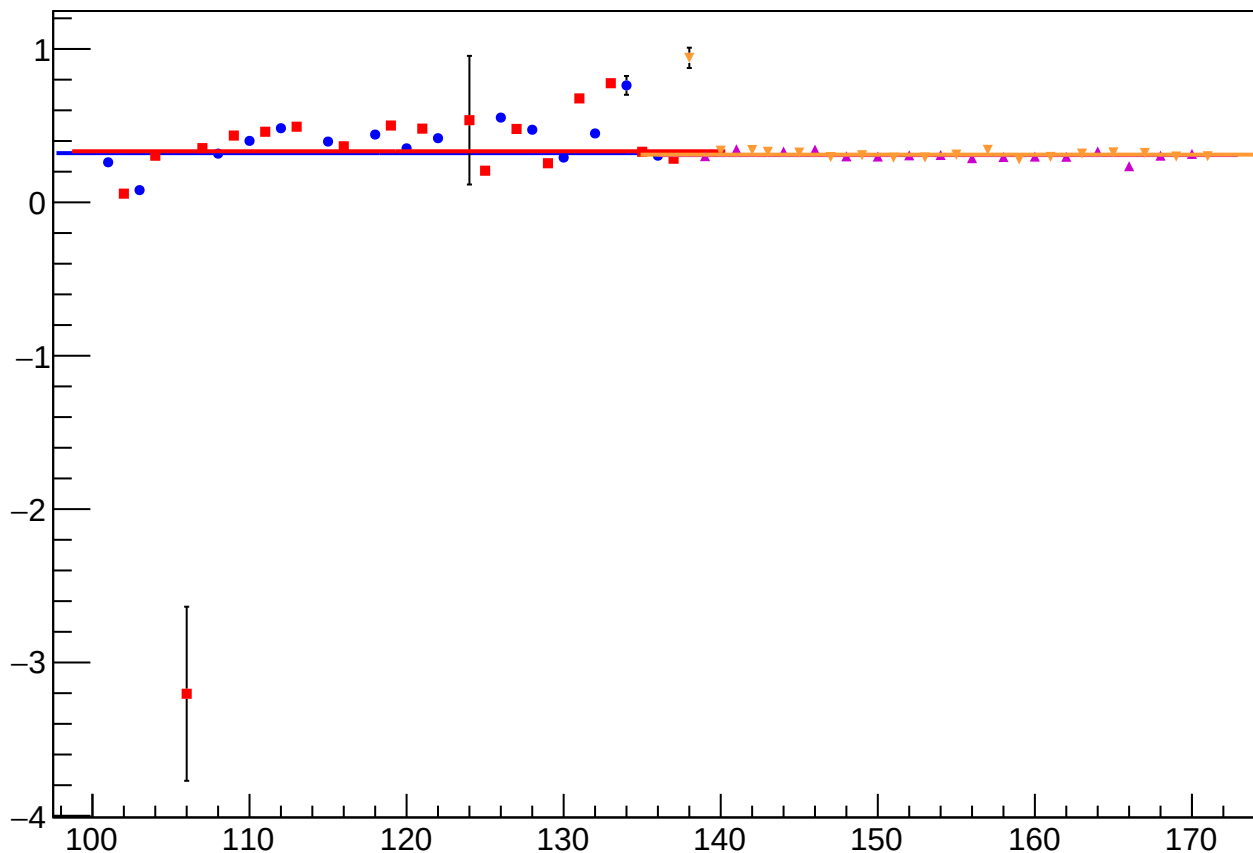
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.705 $\pm$ 0.006 χ^2/NDF : 363469.7/30

Out: -13.931 $\pm$ 0.006 χ^2/NDF : 190724.6/35

All: -13.808 $\pm$ 0.004 χ^2/NDF : 554927.1/66

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.311 $\pm$ 0.000 χ^2 /NDF: 4678.5/17

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.308 $\pm$ 0.000 χ^2 /NDF: 2601.8/15

Left: 0.310 $\pm$ 0.000 χ^2 /NDF: 7338.7/33

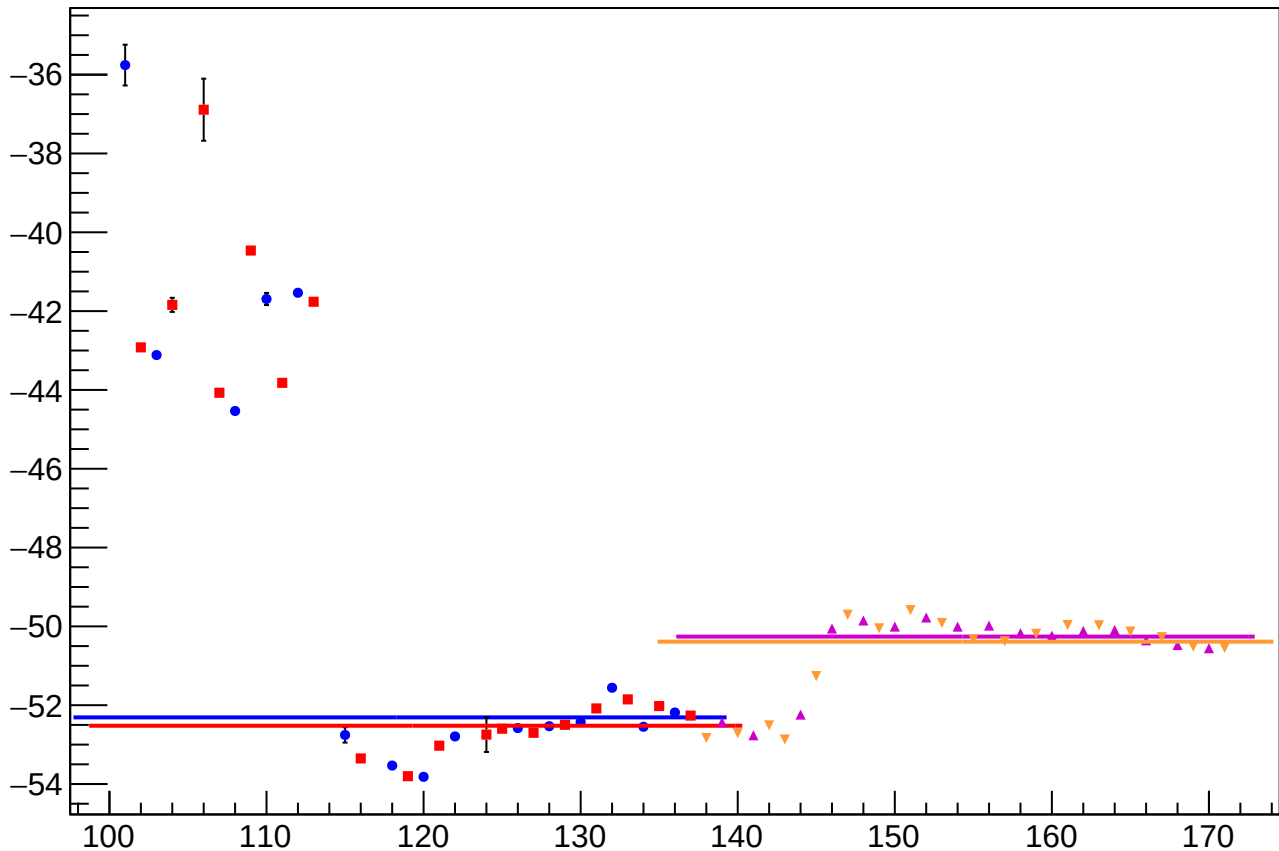
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.309 $\pm$ 0.000 χ^2 /NDF: 6788.5/30

Out: 0.312 $\pm$ 0.000 χ^2 /NDF: 9144.8/35

All: 0.311 $\pm$ 0.000 χ^2 /NDF: 15990.1/66

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.387 ± 0.002 $\chi^2/\text{NDF}: 228131.2/17$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.259 ± 0.001 $\chi^2/\text{NDF}: 162953.6/15$

Left: -50.313 ± 0.001 $\chi^2/\text{NDF}: 394631.3/33$

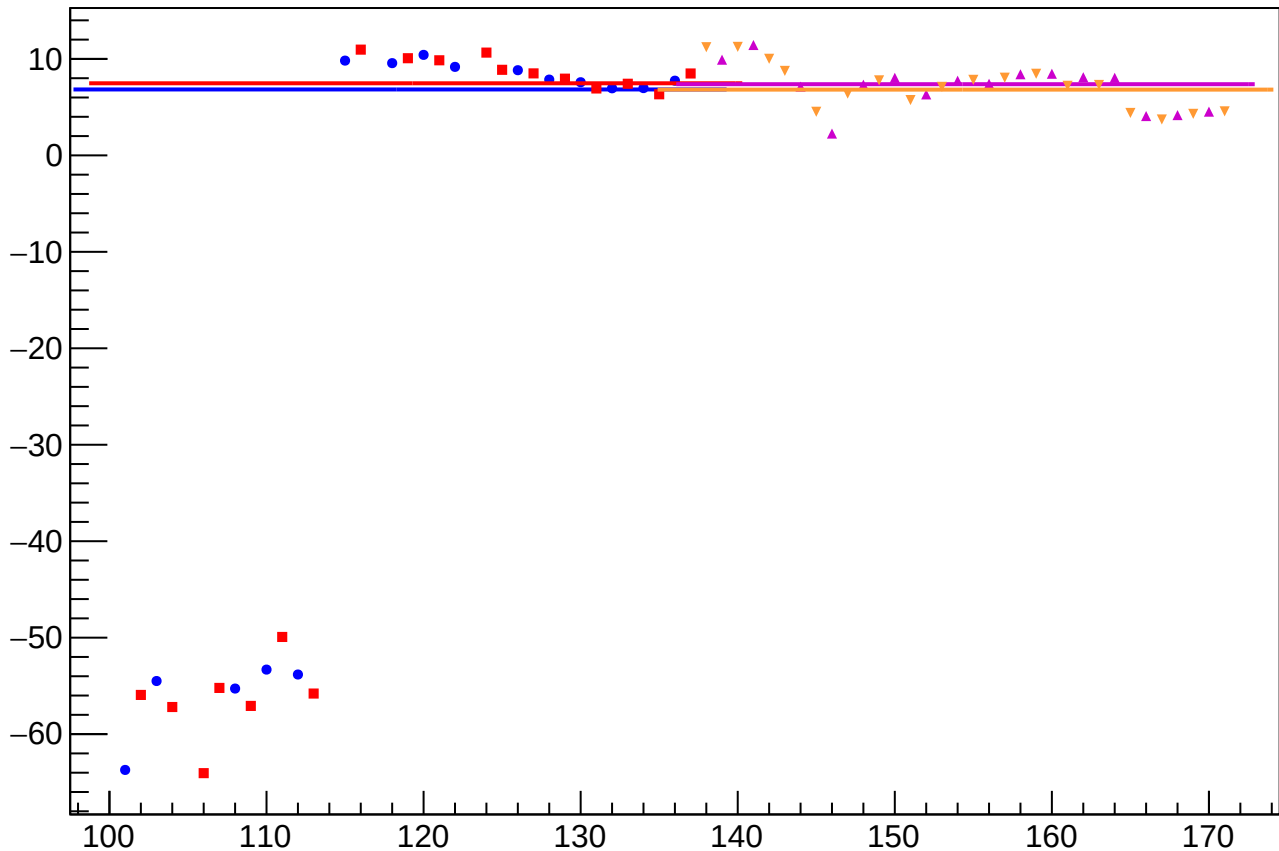
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.448 ± 0.001 $\chi^2/\text{NDF}: 412259.9/30$

Out: -50.627 ± 0.002 $\chi^2/\text{NDF}: 495265.7/35$

All: -50.525 ± 0.001 $\chi^2/\text{NDF}: 915200.7/66$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.817 ± 0.004 $\chi^2/\text{NDF}: 290521.4/17$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.379 ± 0.004 $\chi^2/\text{NDF}: 143952.8/15$

Left: 7.117 ± 0.003 $\chi^2/\text{NDF}: 445946.0/33$

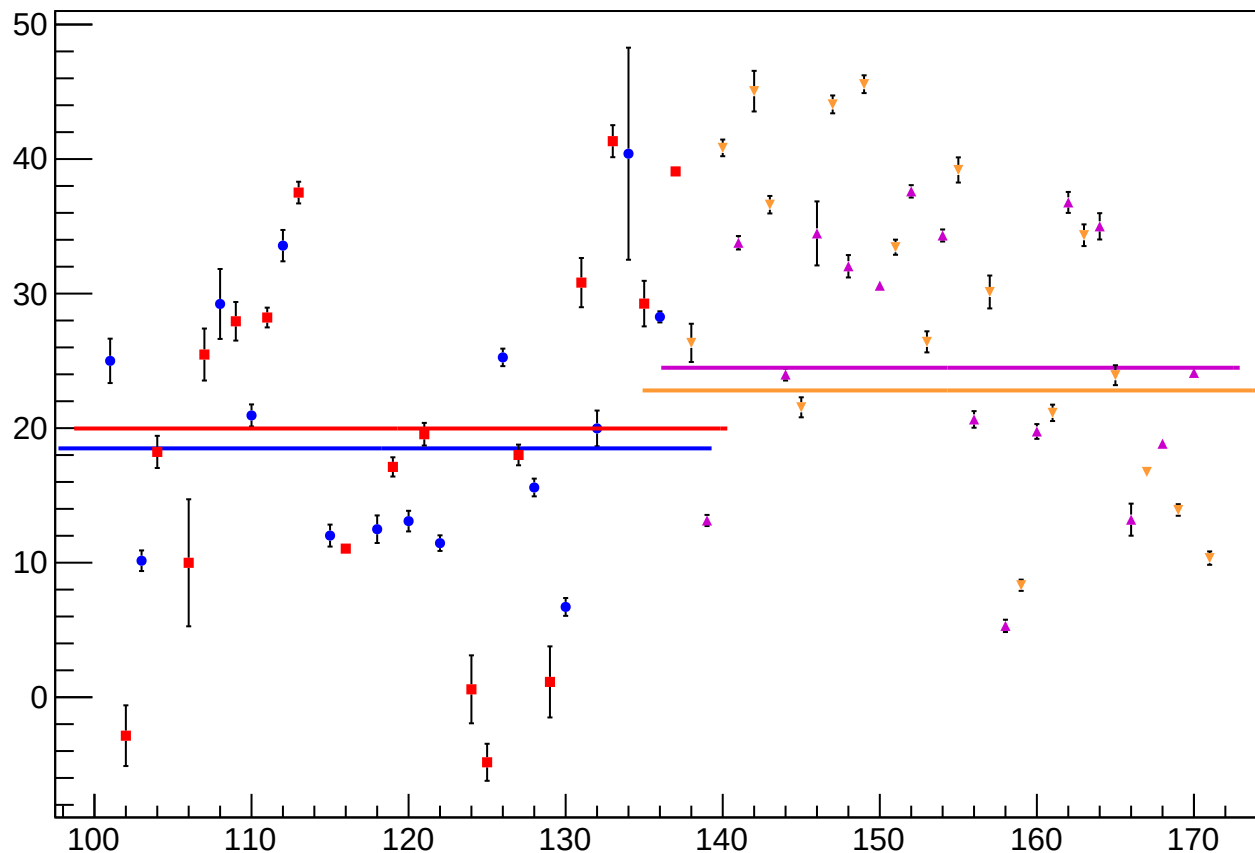
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.197 ± 0.003 $\chi^2/\text{NDF}: 1142256.8/30$

Out: 6.912 ± 0.004 $\chi^2/\text{NDF}: 1490291.3/35$

All: 7.082 ± 0.002 $\chi^2/\text{NDF}: 2636379.2/66$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 22.801 $\pm$ 0.136 χ^2 /NDF: 7451.7/17

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 24.489 $\pm$ 0.118 χ^2 /NDF: 5449.6/15

Left: 23.760 $\pm$ 0.089 χ^2 /NDF: 12989.4/33

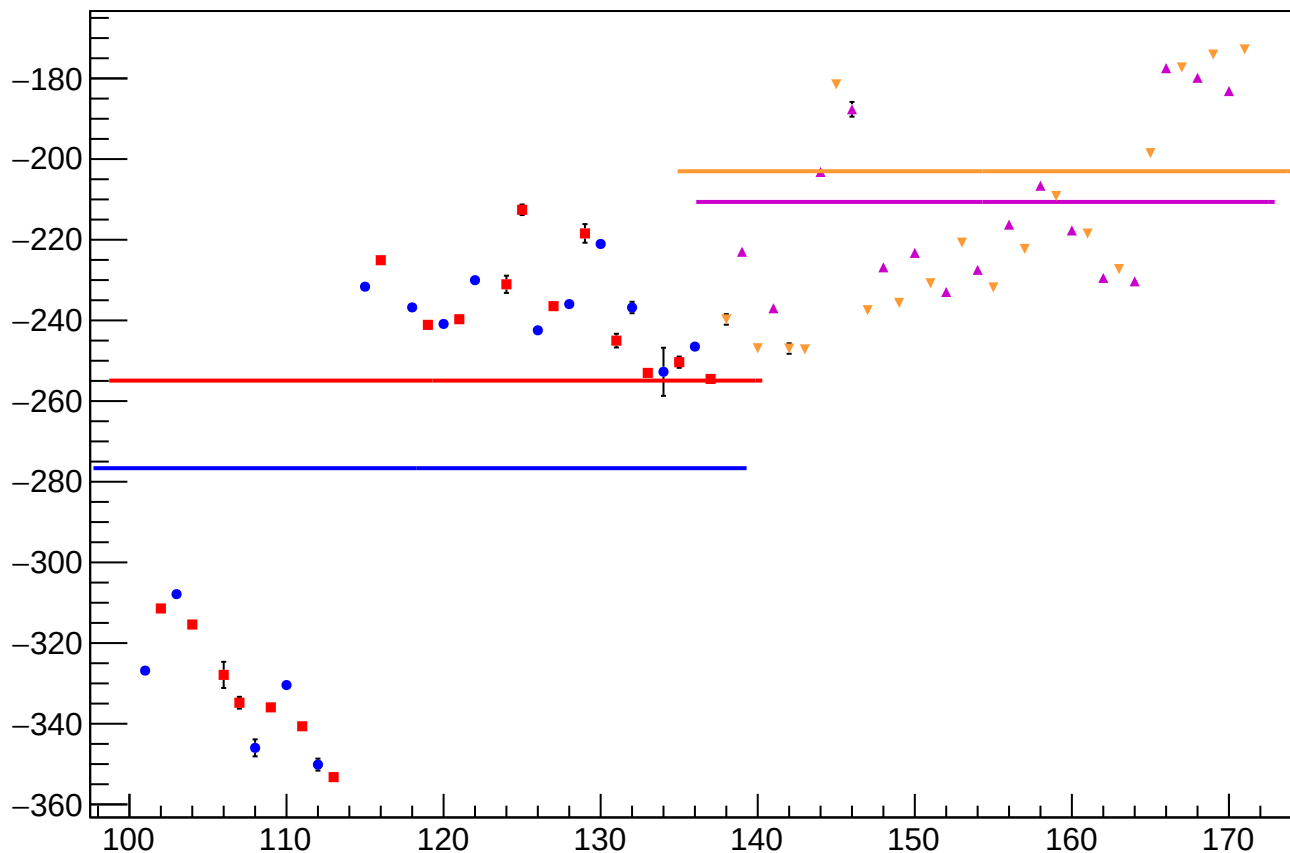
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.938 $\pm$ 0.102 χ^2 /NDF: 7751.4/30

Out: 21.329 $\pm$ 0.094 χ^2 /NDF: 16879.2/35

All: 22.069 $\pm$ 0.069 χ^2 /NDF: 24765.4/66

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -203.016 ± 0.113 $\chi^2/\text{NDF}: 59202.3/17$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -210.622 ± 0.102 $\chi^2/\text{NDF}: 40249.5/15$

Left: -207.188 ± 0.076 $\chi^2/\text{NDF}: 101956.2/33$

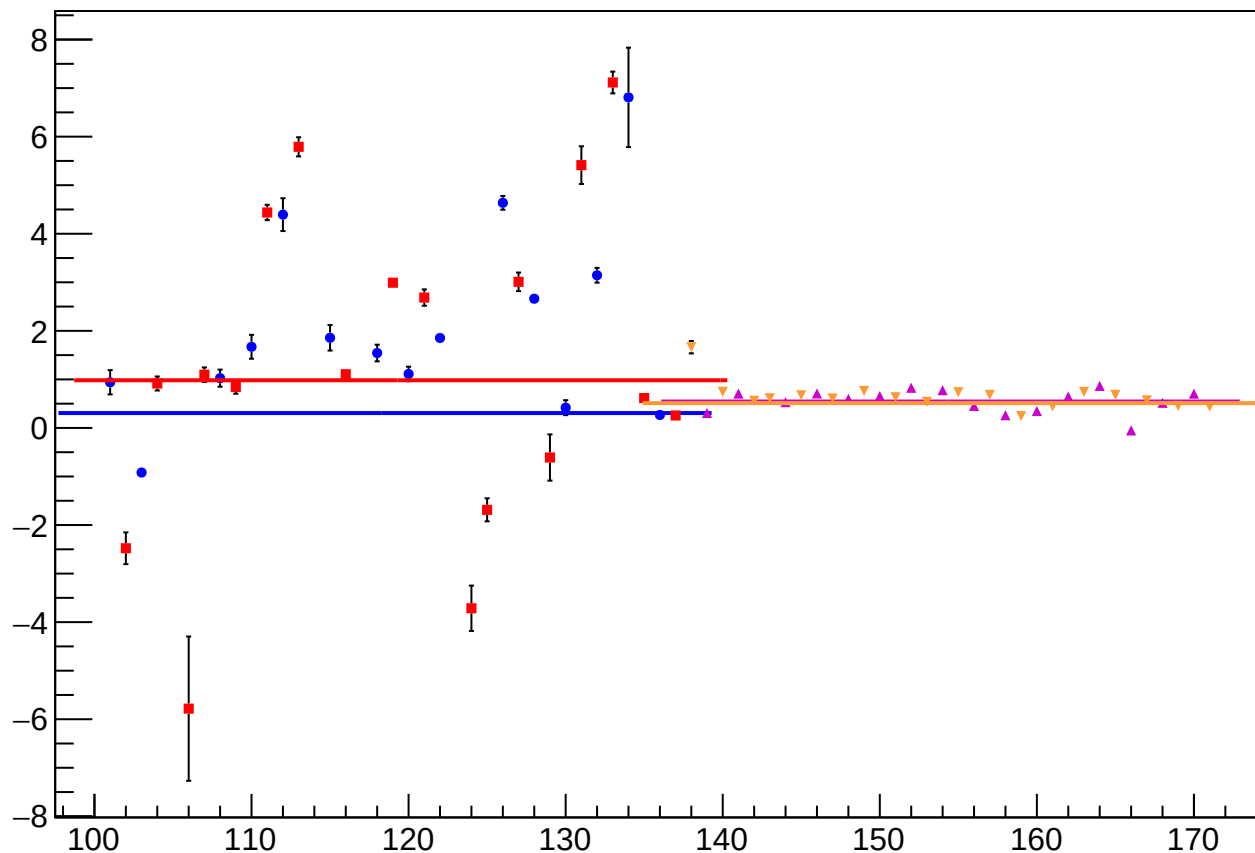
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -232.009 ± 0.084 $\chi^2/\text{NDF}: 252698.8/30$

Out: -240.081 ± 0.060 $\chi^2/\text{NDF}: 282973.1/35$

All: -237.342 ± 0.049 $\chi^2/\text{NDF}: 541776.2/66$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.511 ± 0.002 $\chi^2/\text{NDF}: 8388.5/17$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.544 ± 0.002 $\chi^2/\text{NDF}: 14103.2/15$

Left: 0.529 ± 0.001 $\chi^2/\text{NDF}: 22634.9/33$

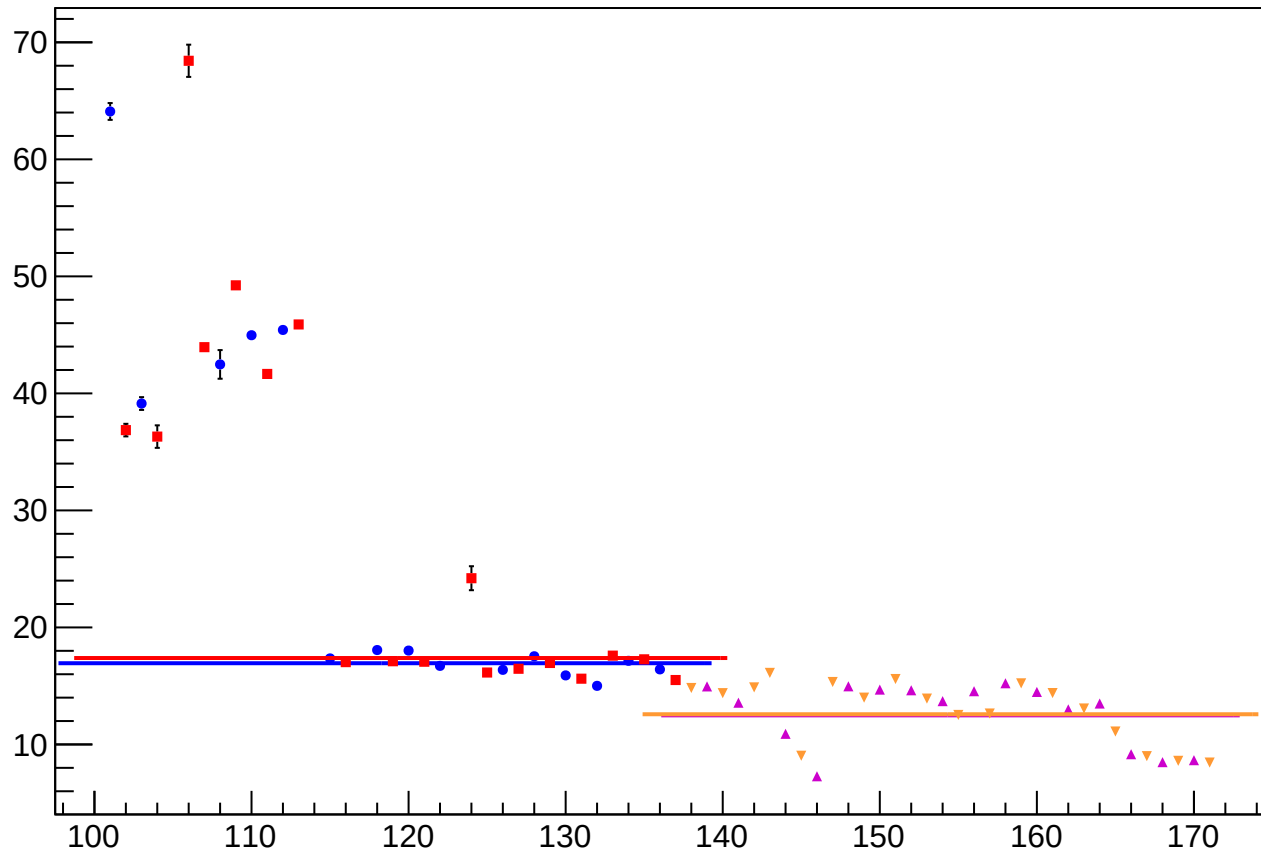
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.527 ± 0.002 $\chi^2/\text{NDF}: 18079.0/30$

Out: 0.520 ± 0.002 $\chi^2/\text{NDF}: 12772.1/35$

All: 0.524 ± 0.001 $\chi^2/\text{NDF}: 30858.1/66$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 12.580 $\pm$ 0.008 χ^2 /NDF:144558.9/17

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 12.485 $\pm$ 0.008 χ^2 /NDF:124332.2/15

Left: 12.532 $\pm$ 0.006 χ^2 /NDF: 268961.5/33

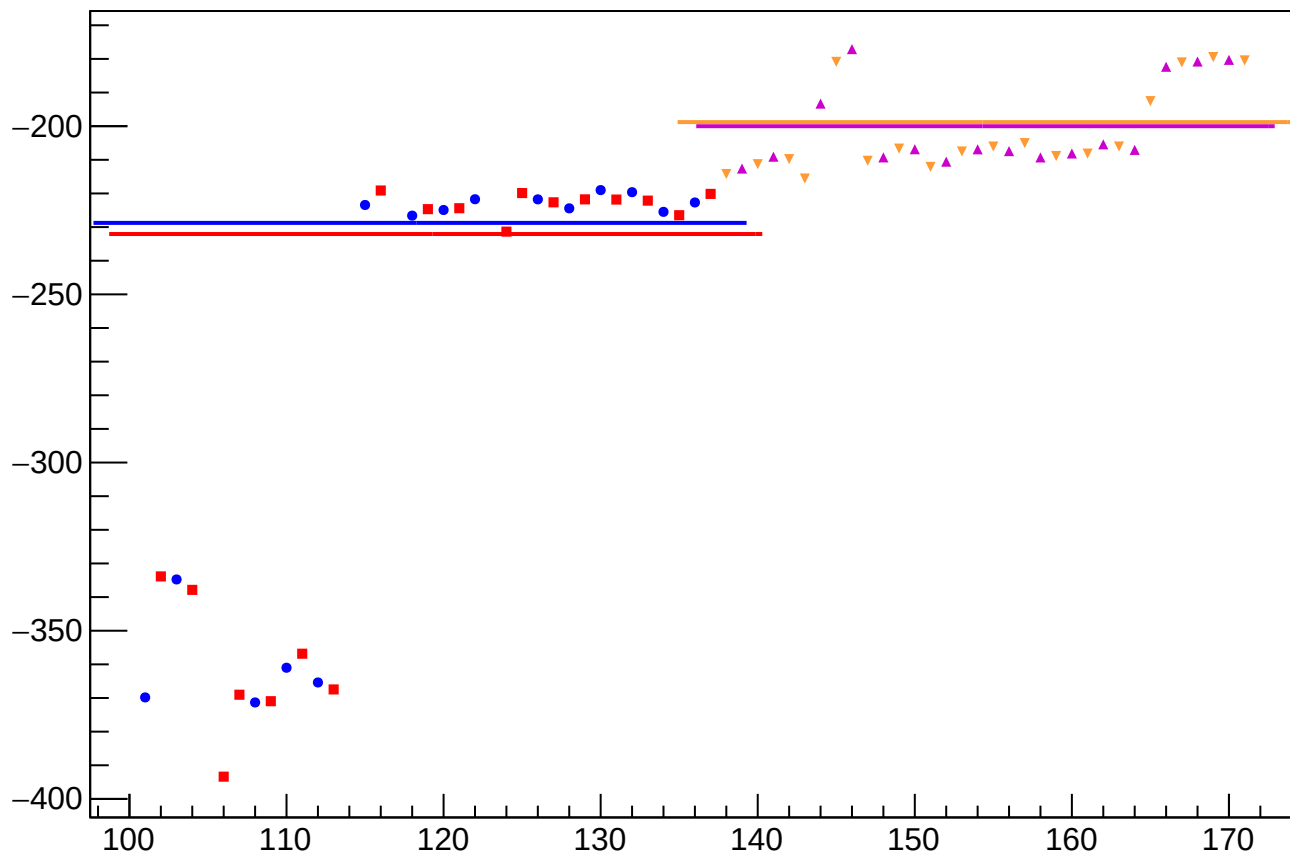
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 13.709 $\pm$ 0.007 χ^2 /NDF:240313.4/30

Out: 13.410 $\pm$ 0.007 χ^2 /NDF:267427.8/35

All: 13.571 $\pm$ 0.005 χ^2 /NDF: 508642.9/66

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -198.788 ± 0.015 $\chi^2/\text{NDF}: 825614.4/17$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -200.007 ± 0.015 $\chi^2/\text{NDF}: 707477.9/15$

Left: -199.419 ± 0.011 $\chi^2/\text{NDF}: 1536323.8/33$

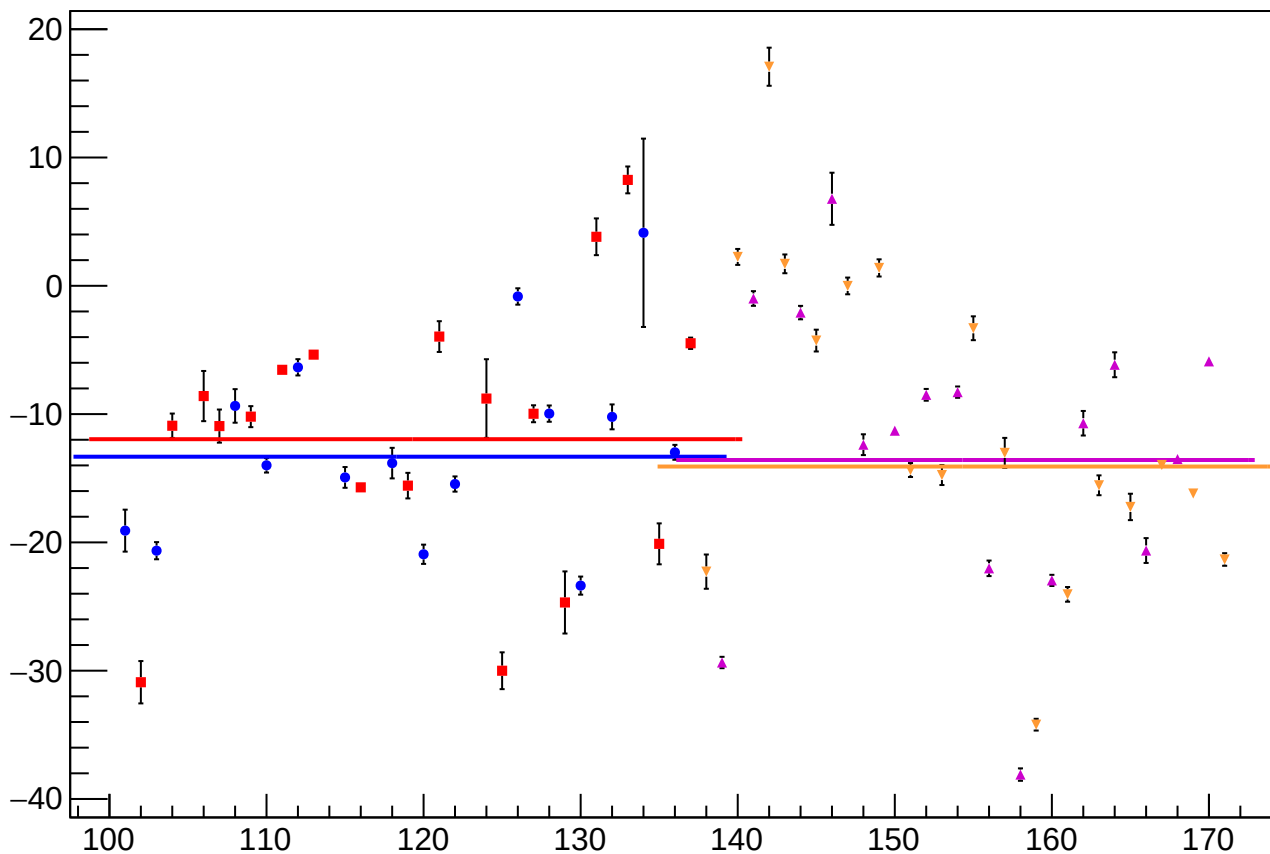
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -204.480 ± 0.014 $\chi^2/\text{NDF}: 1944876.3/30$

Out: -202.856 ± 0.014 $\chi^2/\text{NDF}: 2186678.8/35$

All: -203.712 ± 0.010 $\chi^2/\text{NDF}: 4138219.1/66$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -14.087 ± 0.139 χ^2/NDF : 5388.7/17

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -13.578 ± 0.122 χ^2/NDF : 6728.8/15

Left: -13.800 ± 0.092 χ^2/NDF : 12125.1/33

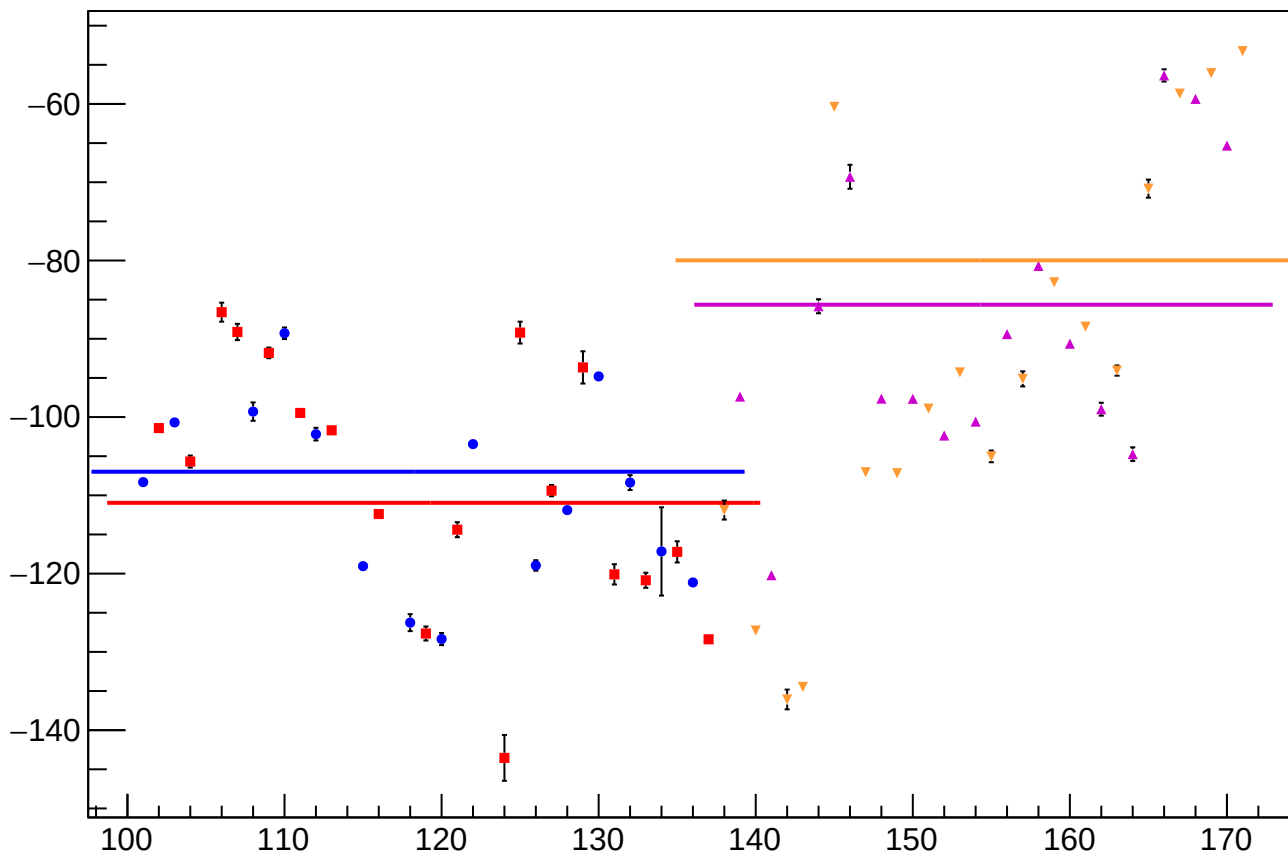
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.505 ± 0.103 χ^2/NDF : 7743.1/30

Out: -12.802 ± 0.087 χ^2/NDF : 8018.1/35

All: -13.096 ± 0.067 χ^2/NDF : 15788.2/66

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -79.977 ± 0.111 χ^2/NDF : 50013.3/17

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -85.647 ± 0.101 χ^2/NDF : 31757.2/15

Left: -83.084 ± 0.075 χ^2/NDF : 83193.0/33

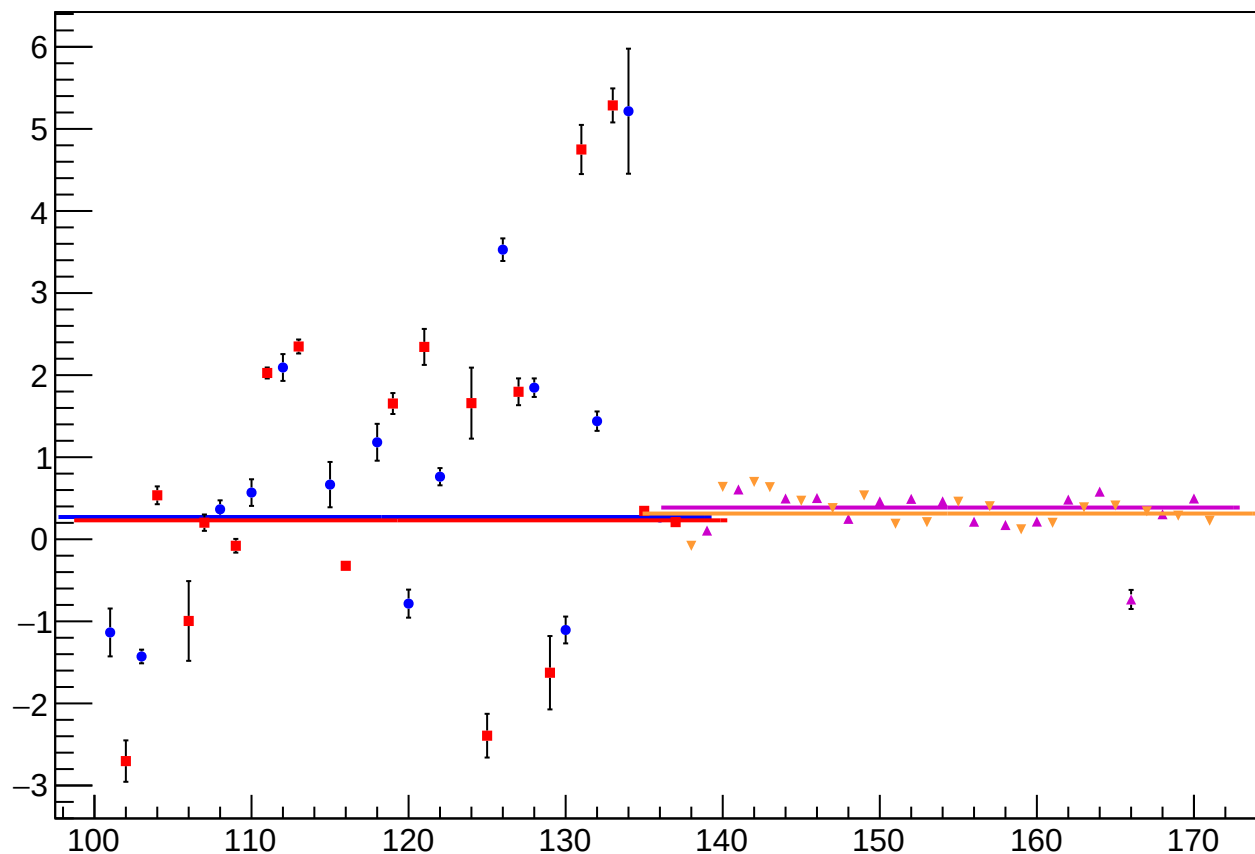
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -95.412 ± 0.074 χ^2/NDF : 56808.9/30

Out: -105.721 ± 0.046 χ^2/NDF : 125062.6/35

All: -102.895 ± 0.039 χ^2/NDF : 195794.4/66

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.313 ± 0.002 $\chi^2/\text{NDF}: 6725.5/17$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.387 ± 0.002 $\chi^2/\text{NDF}: 8286.1/15$

Left: 0.354 ± 0.001 $\chi^2/\text{NDF}: 15733.5/33$

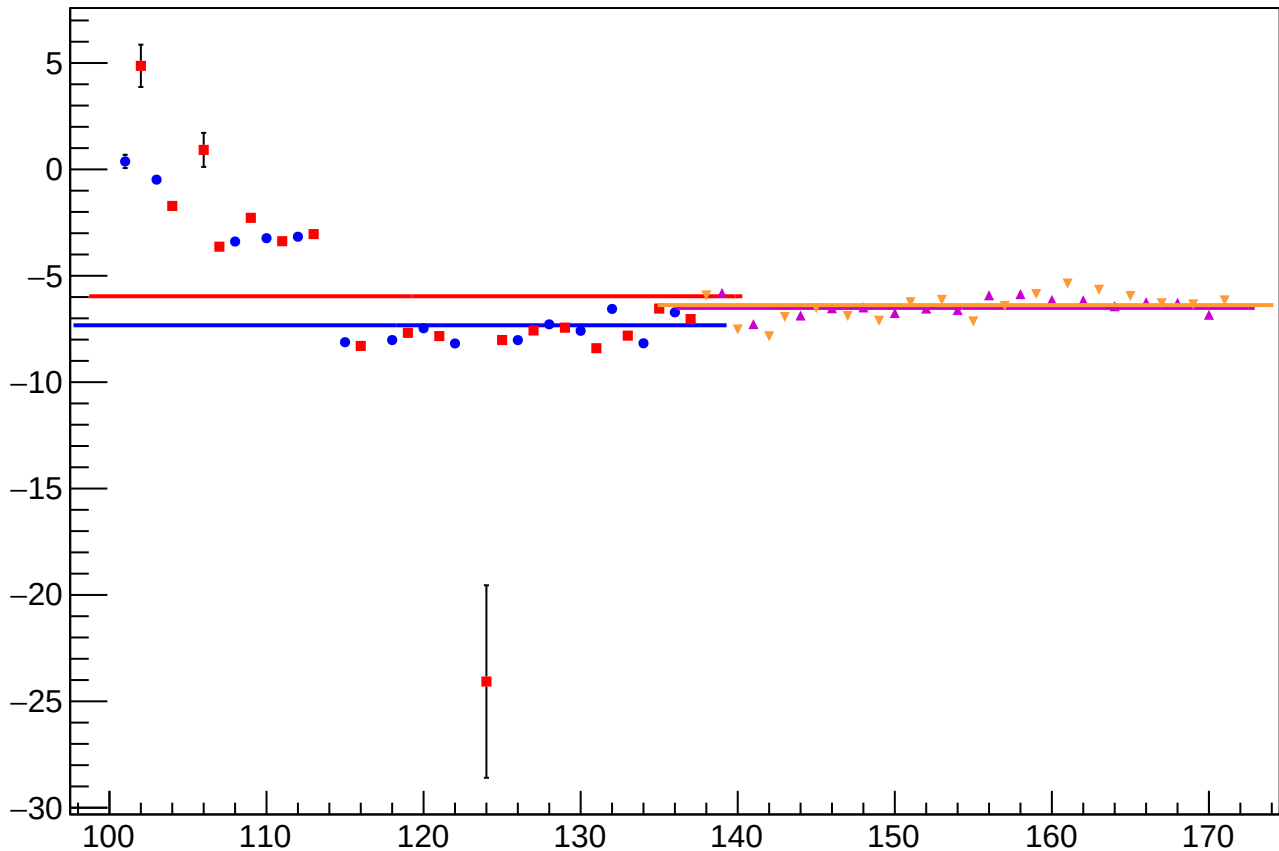
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.375 ± 0.002 $\chi^2/\text{NDF}: 10318.9/30$

Out: 0.299 ± 0.002 $\chi^2/\text{NDF}: 9922.6/35$

All: 0.339 ± 0.001 $\chi^2/\text{NDF}: 21139.4/66$

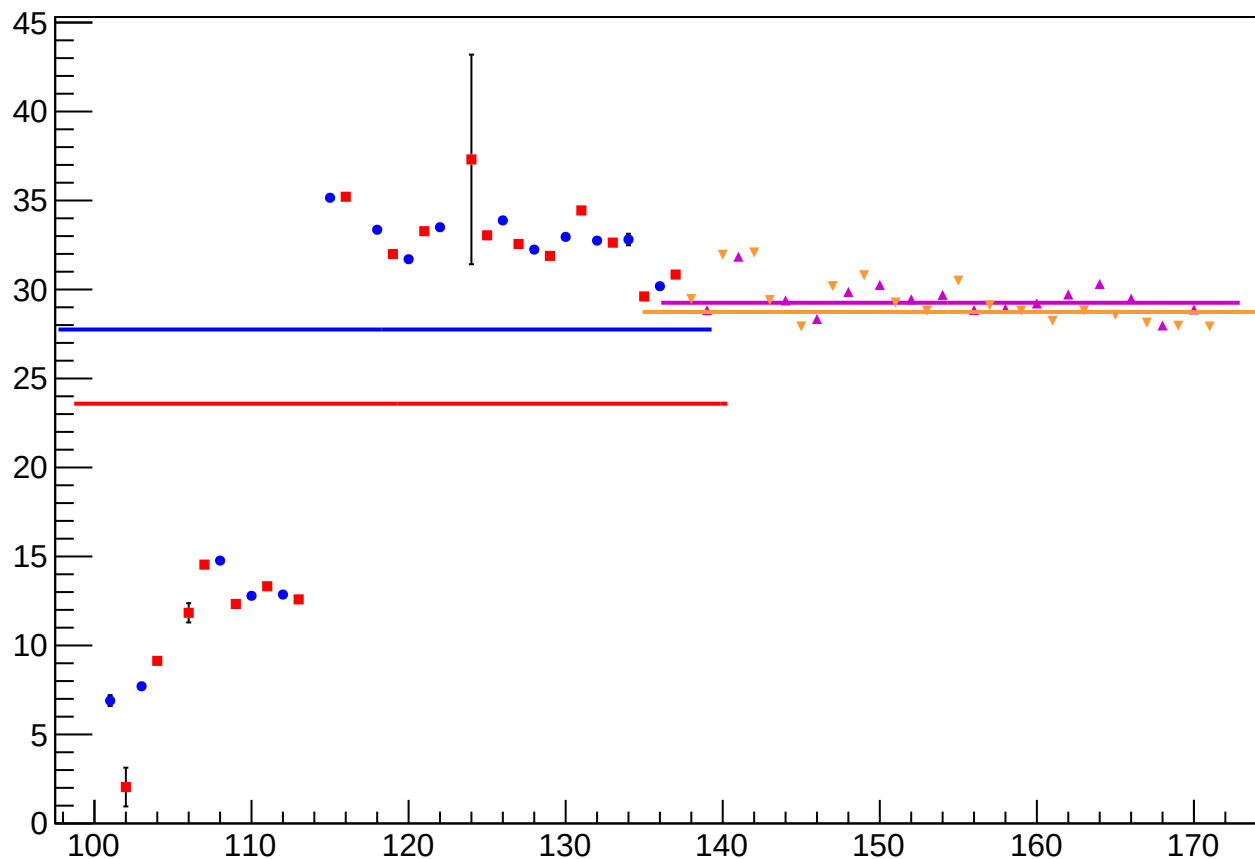
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.378 ± 0.005 $\chi^2/\text{NDF}: 6151.5/17$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.511 ± 0.005 $\chi^2/\text{NDF}: 6498.1/15$

Left: -6.448 ± 0.004 $\chi^2/\text{NDF}: 12996.1/33$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.719 ± 0.004 $\chi^2/\text{NDF}: 44055.6/30$
 Out: -6.272 ± 0.004 $\chi^2/\text{NDF}: 79619.0/35$
 All: -6.506 ± 0.003 $\chi^2/\text{NDF}: 128979.8/66$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 ± 0.015 χ^2/NDF : 332926.6/14

Left Out: 28.738 ± 0.009 χ^2/NDF : 12817.5/17

Right Out: 23.585 ± 0.014 χ^2/NDF : 539616.2/17

Left In: 29.256 ± 0.009 χ^2/NDF : 6376.6/15

Left: 28.998 ± 0.006 χ^2/NDF : 20799.3/33

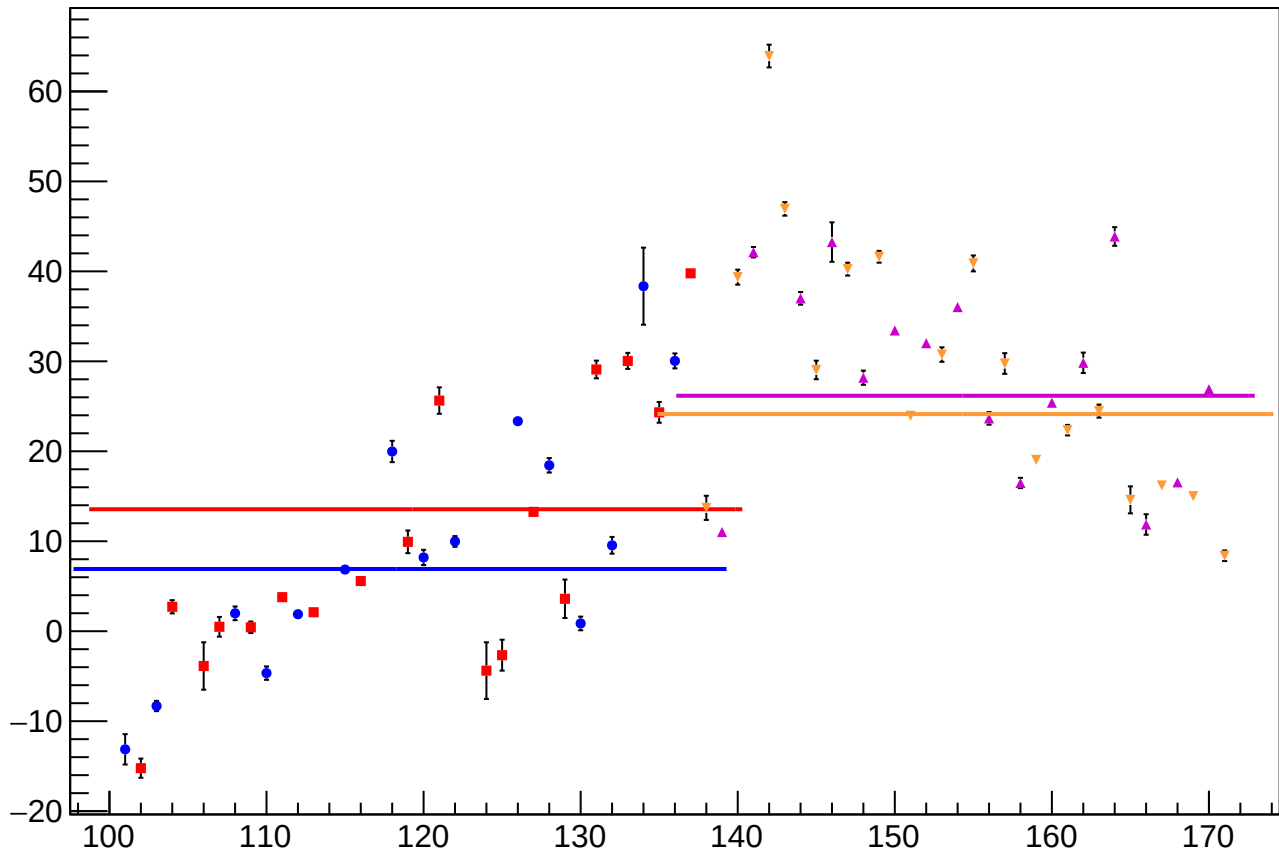
Right: 25.477 ± 0.010 χ^2/NDF : 914478.1/32

In: 28.851 ± 0.008 χ^2/NDF : 346611.8/30

Out: 27.147 ± 0.008 χ^2/NDF : 650035.8/35

All: 27.978 ± 0.005 χ^2/NDF : 1021049.4/66

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.136 ± 0.152 $\chi^2/\text{NDF}: 5842.3/17$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 26.172 ± 0.130 $\chi^2/\text{NDF}: 5437.6/15$

Left: 25.308 ± 0.099 $\chi^2/\text{NDF}: 11383.4/33$

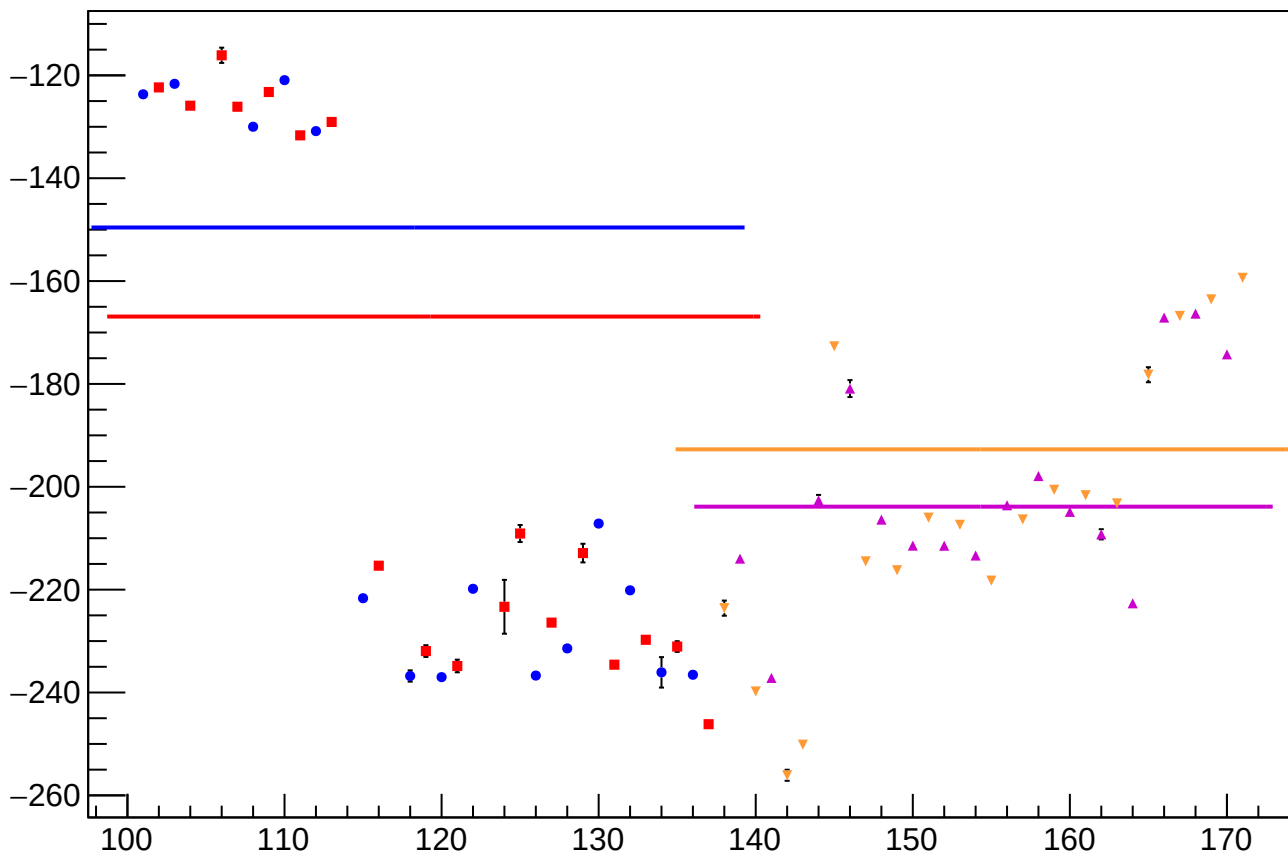
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.377 ± 0.105 $\chi^2/\text{NDF}: 16638.9/30$

Out: 18.607 ± 0.105 $\chi^2/\text{NDF}: 20038.4/35$

All: 18.992 ± 0.074 $\chi^2/\text{NDF}: 36704.3/66$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2 /NDF: 195091.5/14

Left Out: -192.718 $\pm$ 0.122 χ^2 /NDF: 45360.6/17

Right Out: -166.899 $\pm$ 0.101 χ^2 /NDF: 295489.9/17

Left In: -203.862 $\pm$ 0.110 χ^2 /NDF: 26541.5/15

Left: -198.885 $\pm$ 0.082 χ^2 /NDF: 76489.2/33

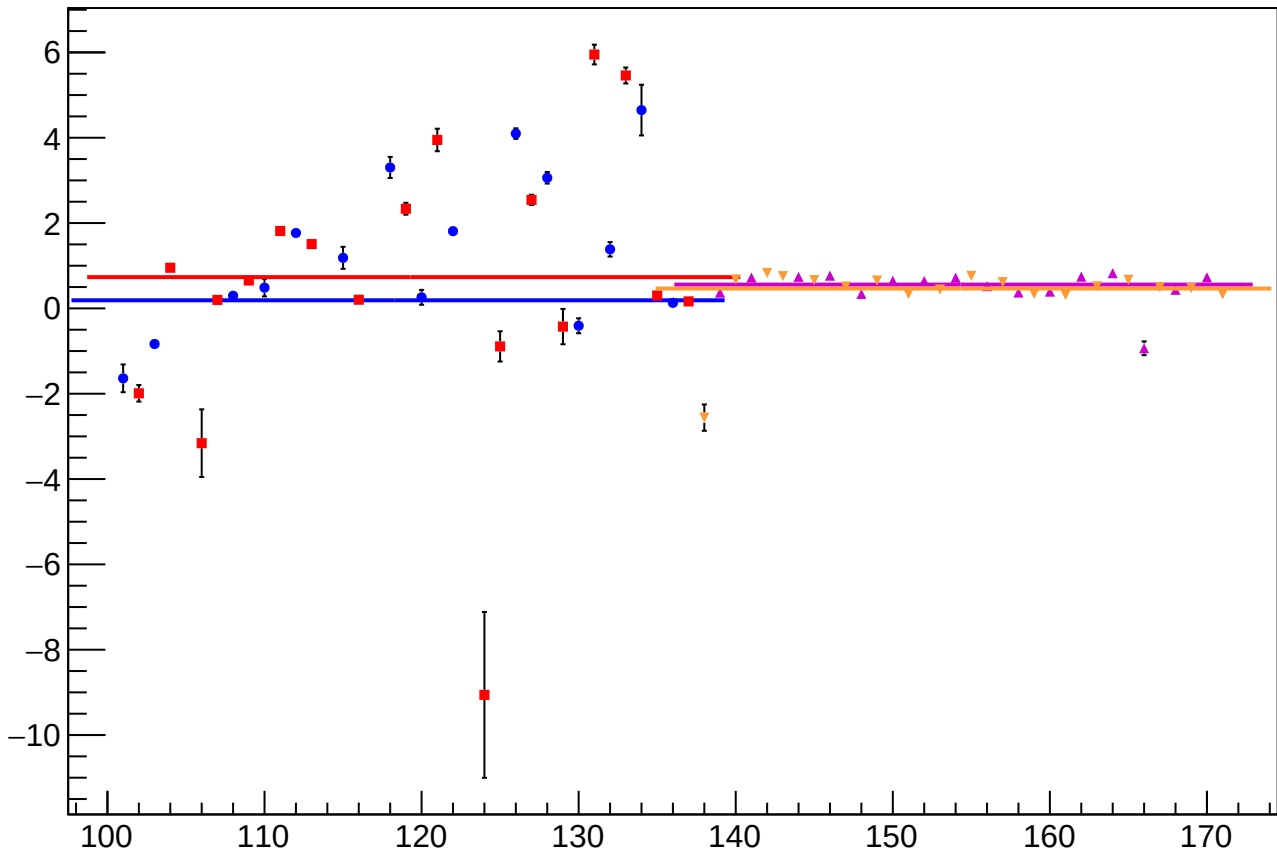
Right: -158.264 $\pm$ 0.071 χ^2 /NDF: 505360.9/32

In: -174.384 $\pm$ 0.074 χ^2 /NDF: 353958.0/30

Out: -177.306 $\pm$ 0.078 χ^2 /NDF: 367405.5/35

All: -175.780 $\pm$ 0.054 χ^2 /NDF: 722101.4/66

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.466 $\pm$ 0.002 χ^2 /NDF:4247.5/17

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.558 $\pm$ 0.002 χ^2 /NDF:5284.8/15

Left: 0.515 $\pm$ 0.002 χ^2 /NDF: 10342.8/33

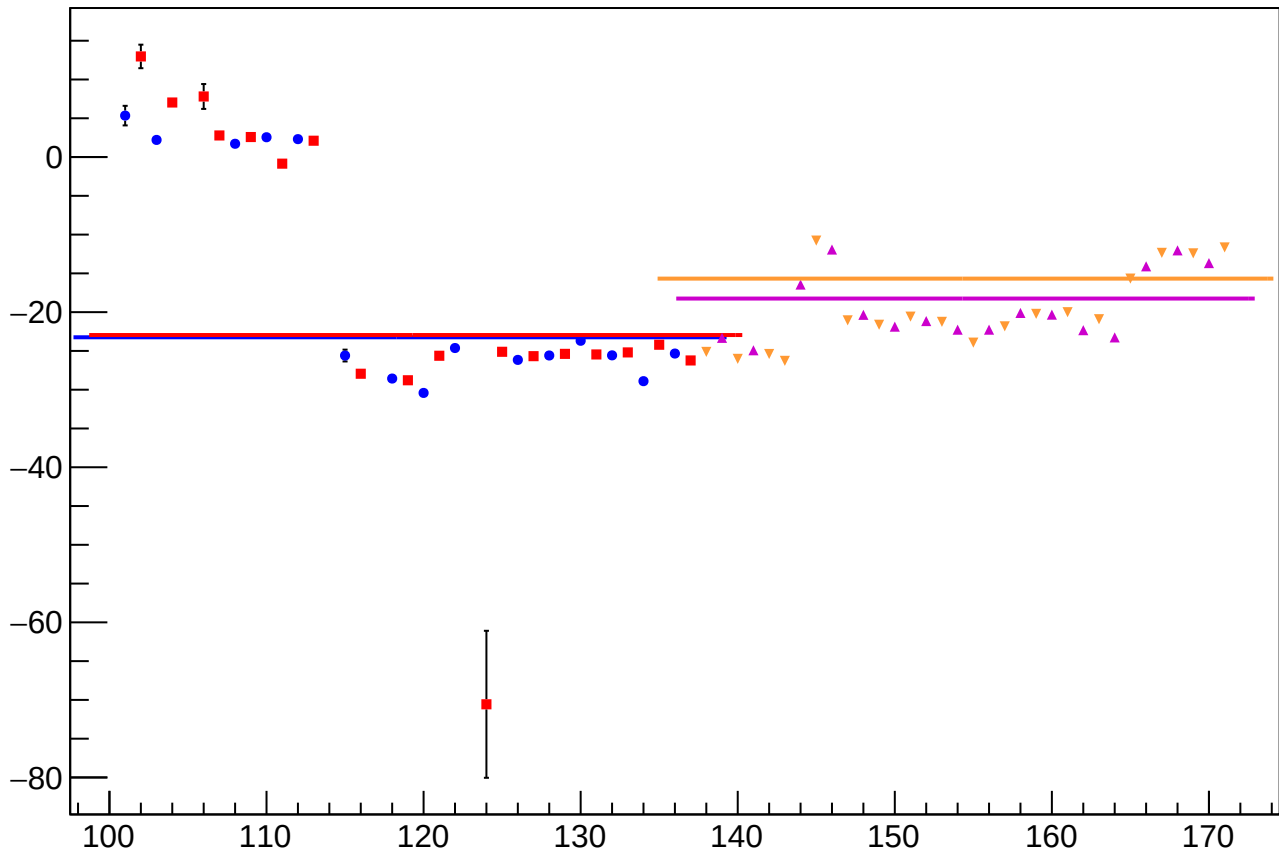
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.535 $\pm$ 0.002 χ^2 /NDF:9728.3/30

Out: 0.469 $\pm$ 0.002 χ^2 /NDF:7094.8/35

All: 0.505 $\pm$ 0.002 χ^2 /NDF: 17248.5/66

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -15.676 ± 0.012 χ^2/NDF : 175938.4/17

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -18.247 ± 0.013 χ^2/NDF : 100411.9/15

Left: -16.888 ± 0.009 χ^2/NDF : 298447.0/33

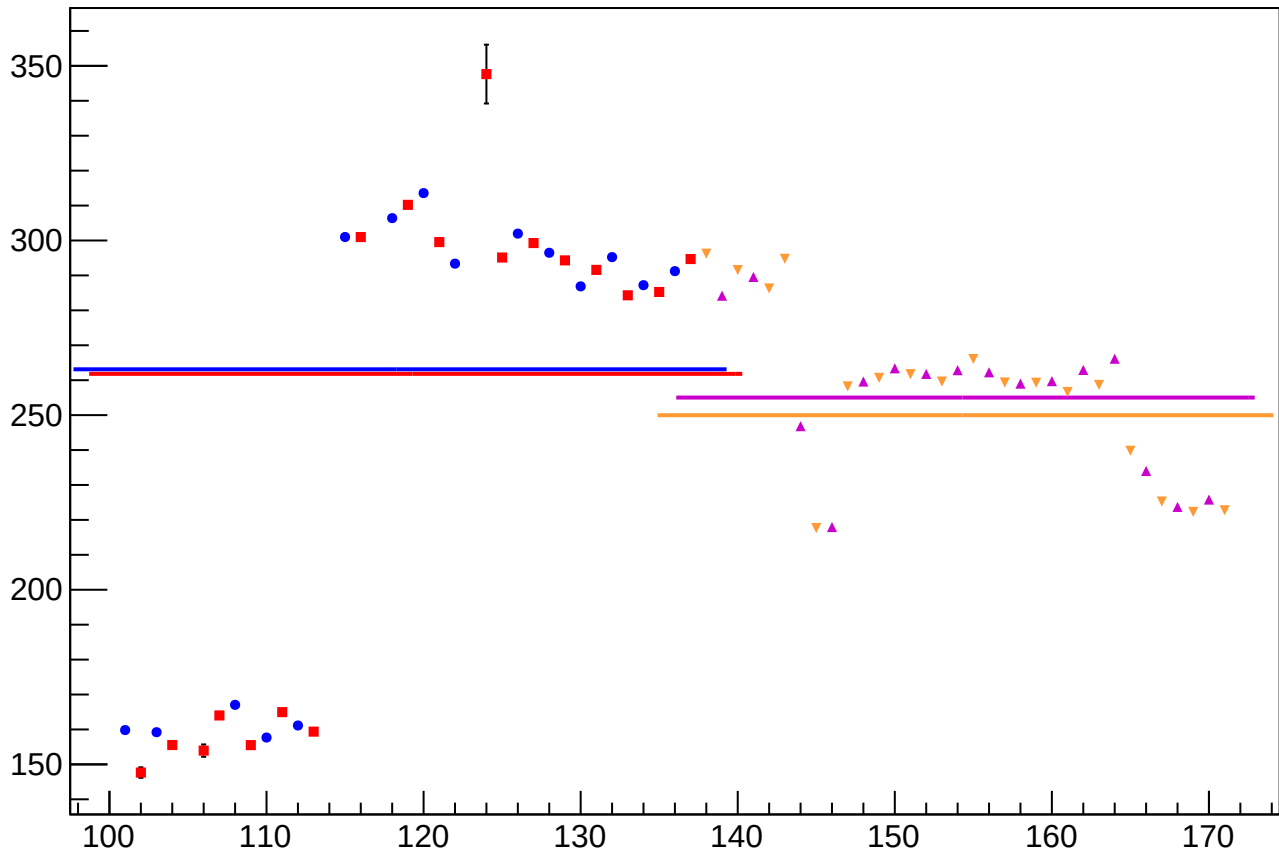
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -19.270 ± 0.011 χ^2/NDF : 235852.9/30

Out: -17.043 ± 0.011 χ^2/NDF : 354485.0/35

All: -18.105 ± 0.008 χ^2/NDF : 610989.1/66

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 ± 0.069 χ^2/NDF : 692885.4/14

Left Out: 249.973 ± 0.031 χ^2/NDF : 576155.4/17

Right Out: 261.814 ± 0.060 χ^2/NDF : 1006189.6/17

Left In: 255.028 ± 0.030 χ^2/NDF : 259536.7/15

Left: 252.589 ± 0.022 χ^2/NDF : 849449.2/33

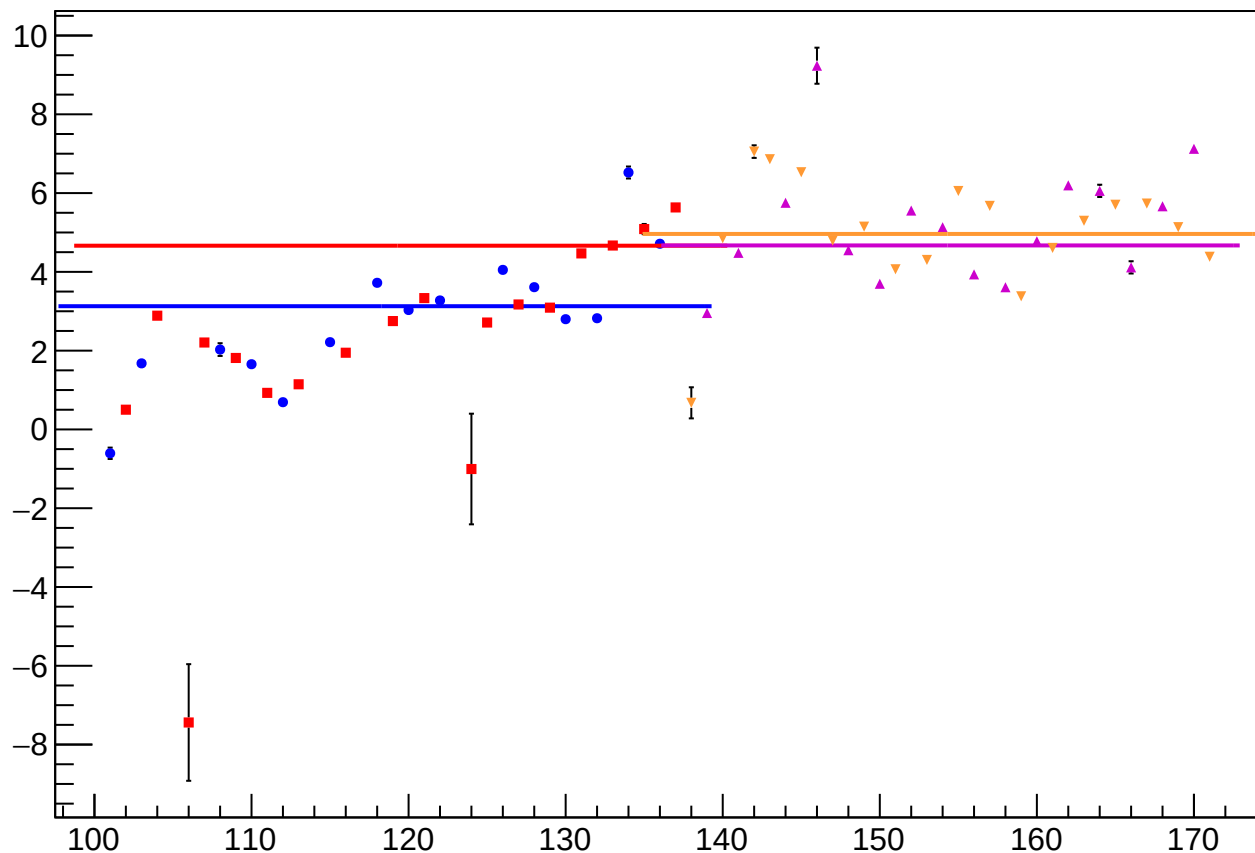
Right: 262.381 ± 0.045 χ^2/NDF : 1699277.6/32

In: 256.308 ± 0.027 χ^2/NDF : 963976.6/30

Out: 252.440 ± 0.028 χ^2/NDF : 1612732.6/35

All: 254.382 ± 0.019 χ^2/NDF : 2586578.1/66

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.963 ± 0.015 $\chi^2/\text{NDF}: 2400.9/17$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.671 ± 0.014 $\chi^2/\text{NDF}: 8412.5/15$

Left: 4.807 ± 0.010 $\chi^2/\text{NDF}: 11010.7/33$

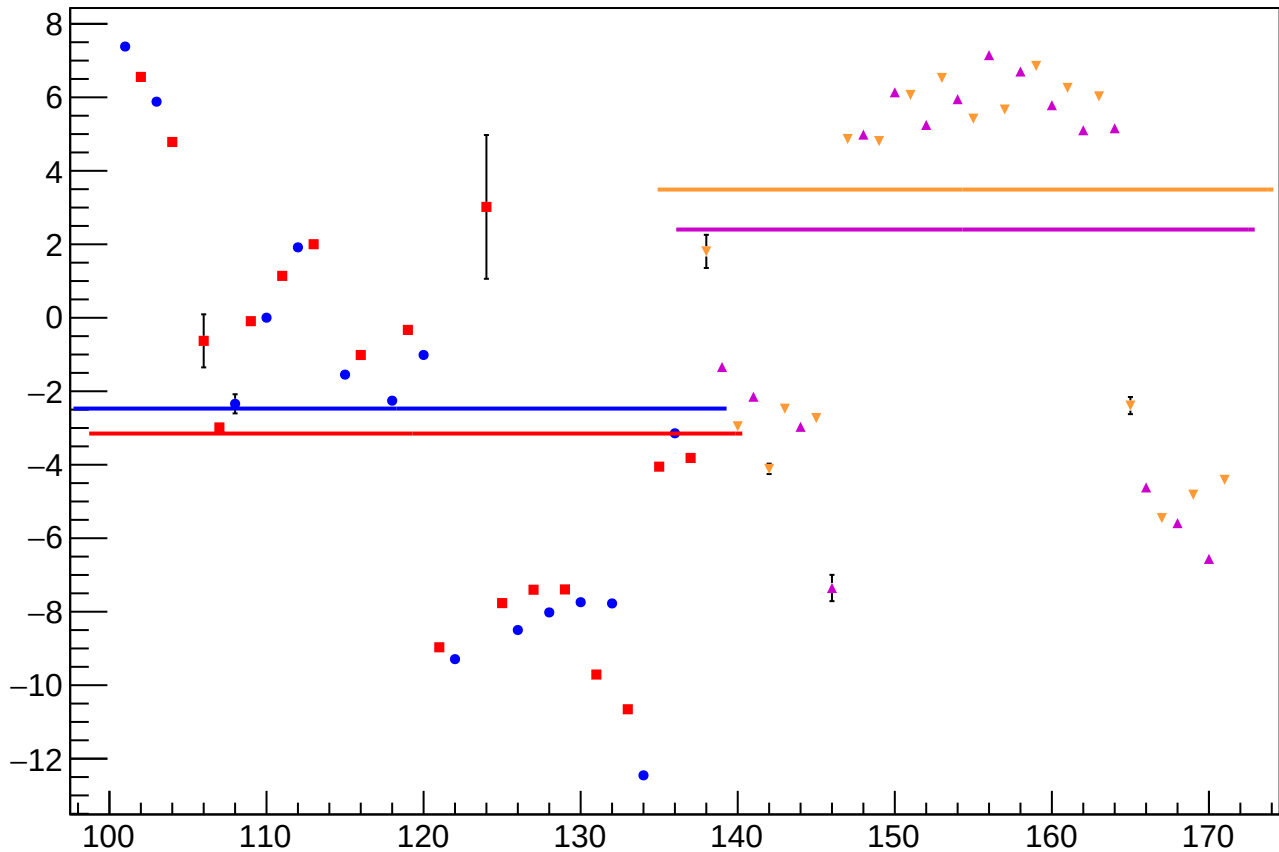
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.982 ± 0.011 $\chi^2/\text{NDF}: 19382.6/30$

Out: 4.709 ± 0.006 $\chi^2/\text{NDF}: 69592.3/35$

All: 4.537 ± 0.005 $\chi^2/\text{NDF}: 92613.4/66$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 3.490 ± 0.013 $\chi^2/\text{NDF}: 100763.9/17$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 2.402 ± 0.012 $\chi^2/\text{NDF}: 167603.1/15$

Left: 2.927 ± 0.009 $\chi^2/\text{NDF}: 272204.4/33$

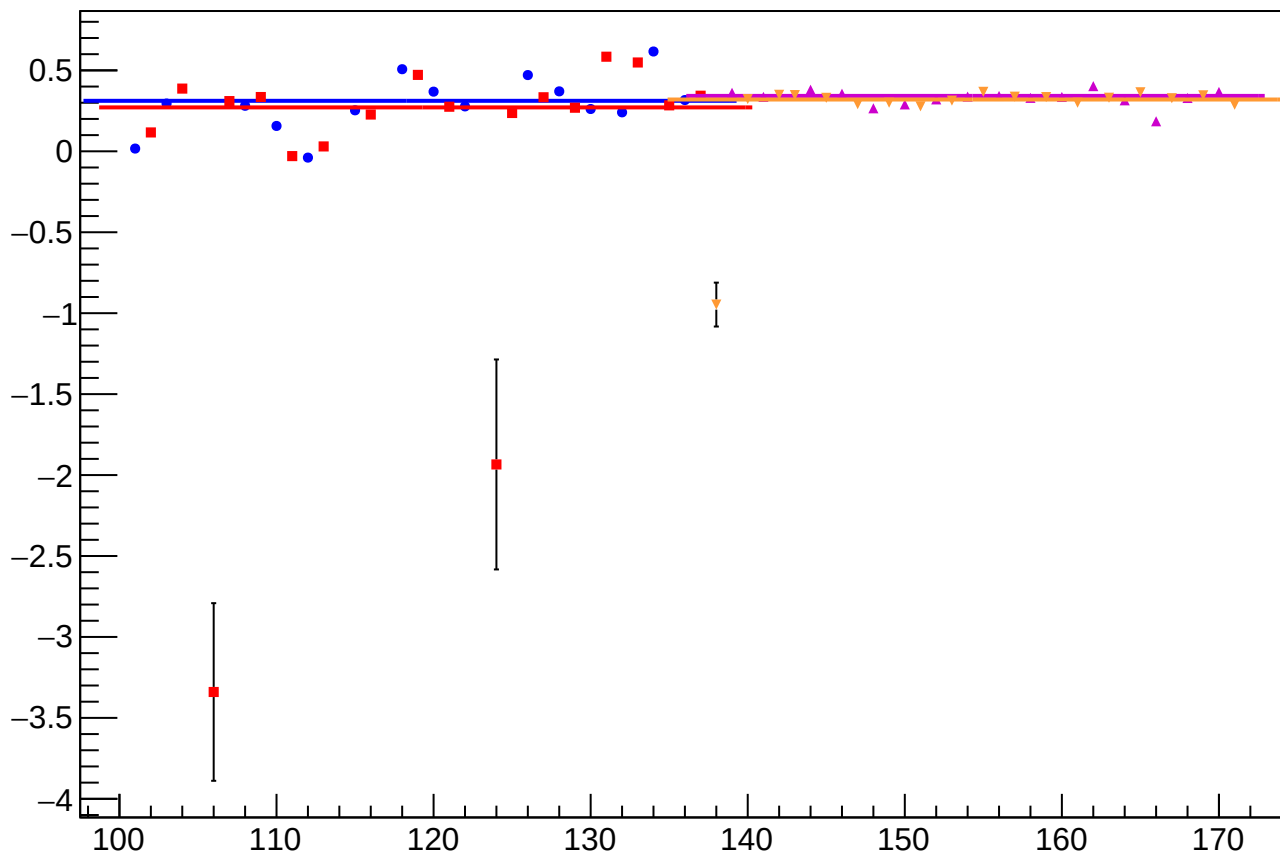
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.317 ± 0.009 $\chi^2/\text{NDF}: 478475.2/30$

Out: -1.444 ± 0.006 $\chi^2/\text{NDF}: 553343.6/35$

All: -0.871 ± 0.005 $\chi^2/\text{NDF}: 1056410.9/66$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF:1741.1/17

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.342 $\pm$ 0.001 χ^2 /NDF:3181.2/15

Left: 0.332 $\pm$ 0.000 χ^2 /NDF: 5601.2/33

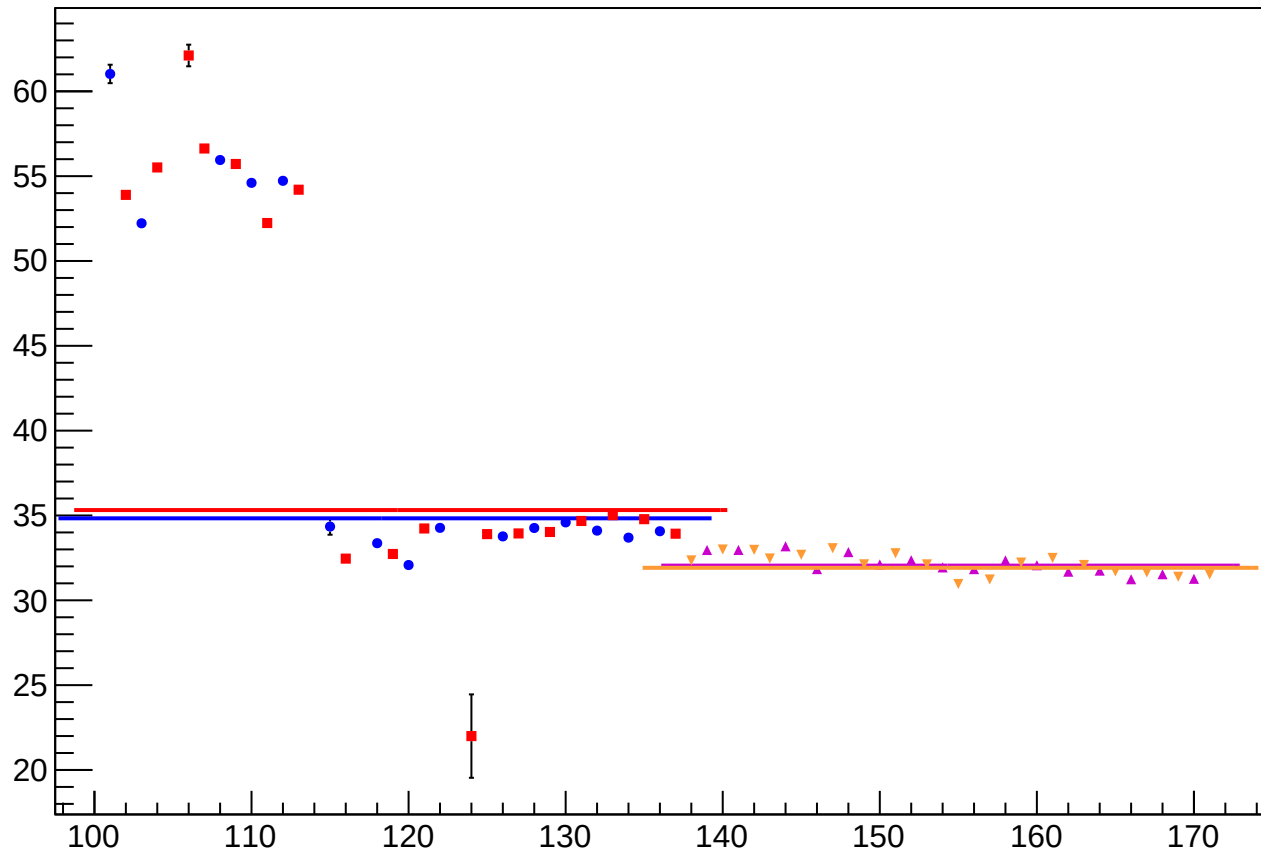
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.337 $\pm$ 0.001 χ^2 /NDF:4963.0/30

Out: 0.316 $\pm$ 0.001 χ^2 /NDF:8376.7/35

All: 0.328 $\pm$ 0.000 χ^2 /NDF: 14015.7/66

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.917 $\pm$ 0.003 χ^2 /NDF: 20071.3/17

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.045 $\pm$ 0.004 χ^2 /NDF: 11658.1/15

Left: 31.971 $\pm$ 0.003 χ^2 /NDF: 32335.4/33

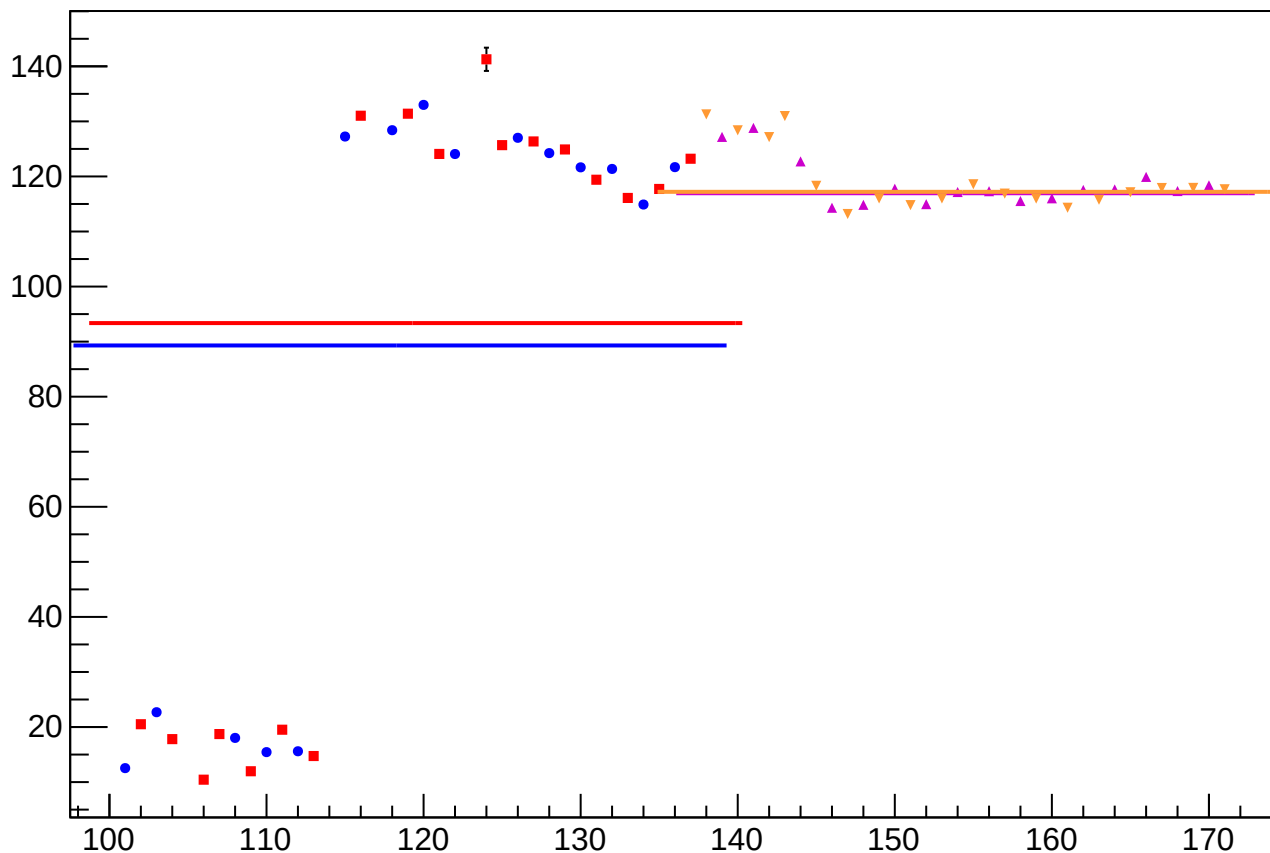
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.529 $\pm$ 0.004 χ^2 /NDF: 343578.3/30

Out: 32.268 $\pm$ 0.003 χ^2 /NDF: 386366.9/35

All: 32.383 $\pm$ 0.002 χ^2 /NDF: 732898.5/66

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.207 ± 0.008 $\chi^2/\text{NDF}: 123218.5/17$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.951 ± 0.009 $\chi^2/\text{NDF}: 43895.3/15$

Left: 117.093 ± 0.006 $\chi^2/\text{NDF}: 167545.3/33$

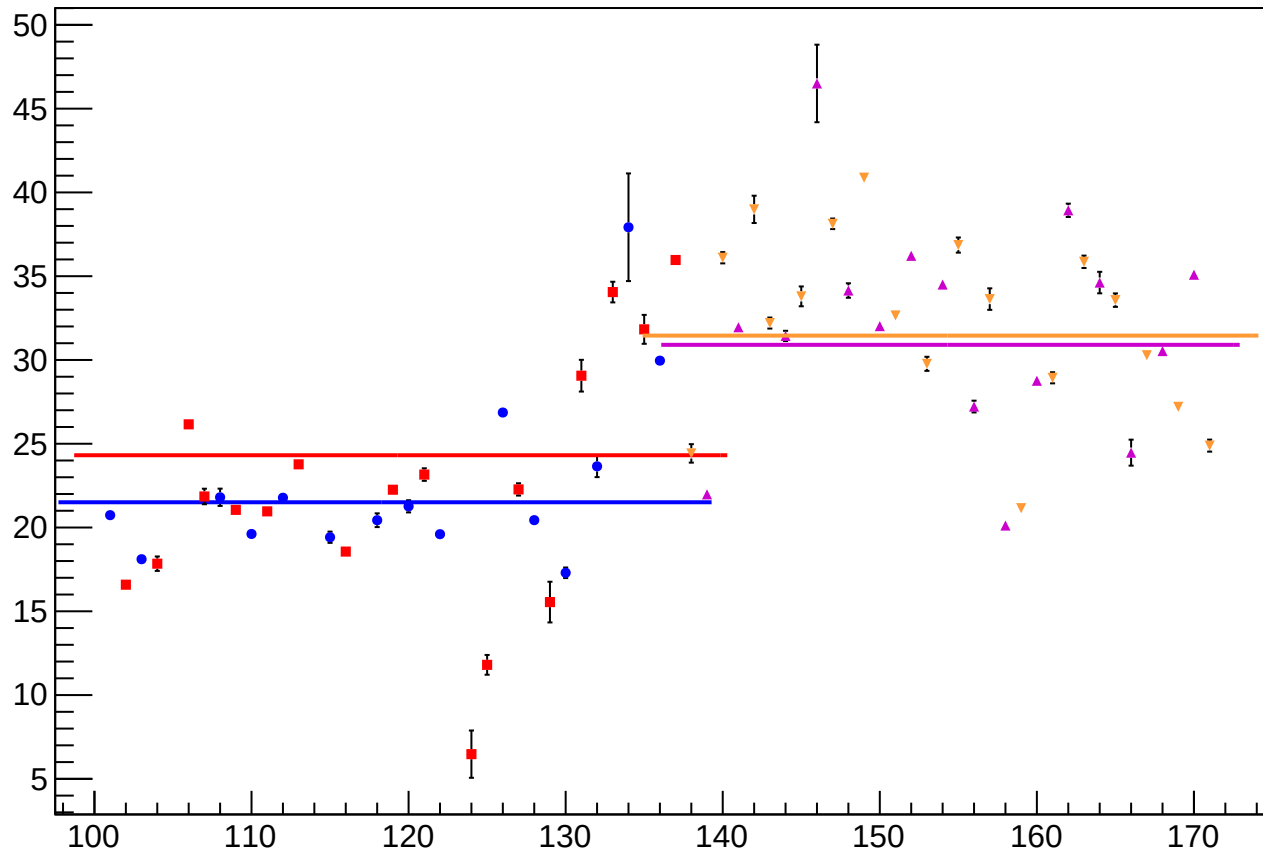
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.160 ± 0.009 $\chi^2/\text{NDF}: 3991313.2/30$

Out: 115.532 ± 0.008 $\chi^2/\text{NDF}: 3565126.5/35$

All: 114.910 ± 0.006 $\chi^2/\text{NDF}: 7569987.7/66$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.455 ± 0.080 $\chi^2/\text{NDF}: 4475.2/17$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.903 ± 0.068 $\chi^2/\text{NDF}: 5463.3/15$

Left: 31.136 ± 0.052 $\chi^2/\text{NDF}: 9965.9/33$

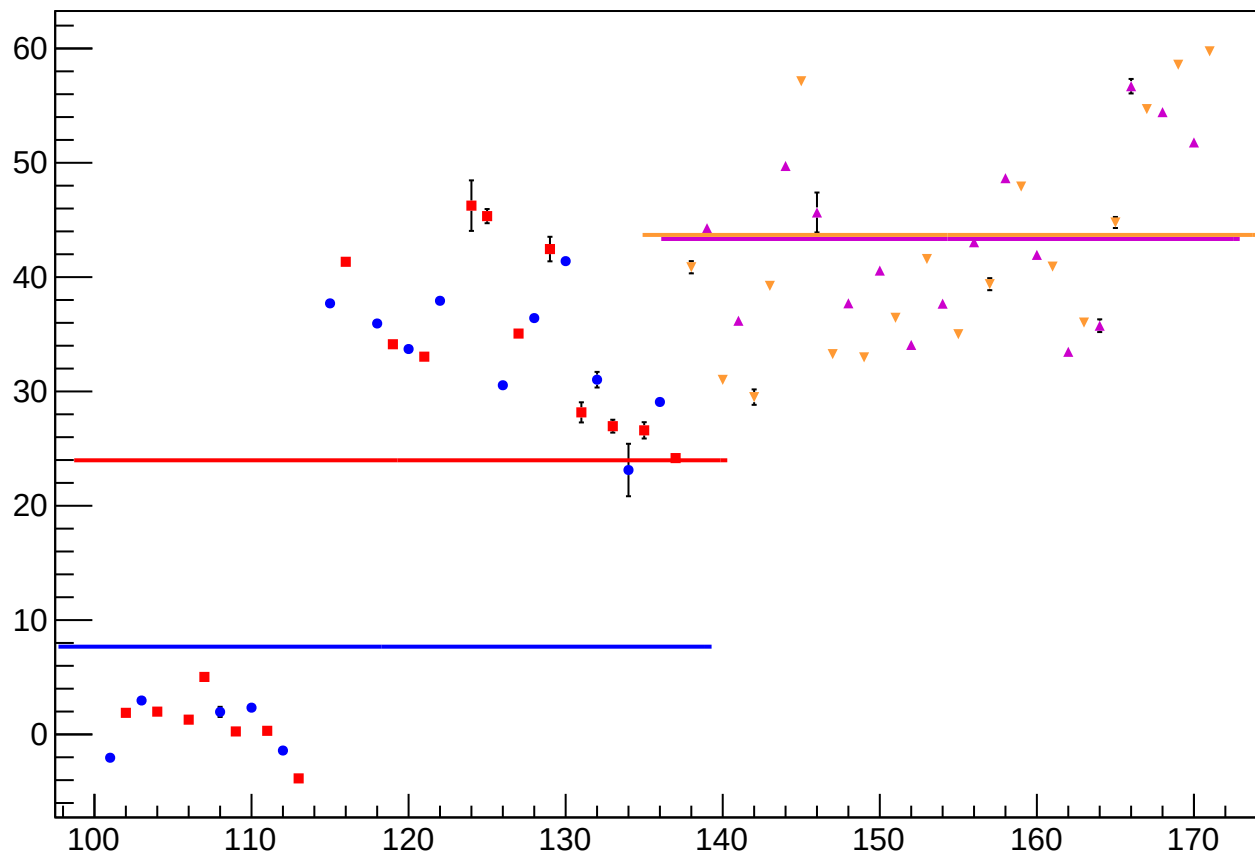
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.479 ± 0.050 $\chi^2/\text{NDF}: 17358.0/30$

Out: 26.800 ± 0.047 $\chi^2/\text{NDF}: 23963.7/35$

All: 26.648 ± 0.034 $\chi^2/\text{NDF}: 41343.7/66$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 43.691 $\pm$ 0.067 χ^2 /NDF:20763.9/17

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 43.336 $\pm$ 0.057 χ^2 /NDF:12516.0/15

Left: 43.486 $\pm$ 0.043 χ^2 /NDF: 33296.4/33

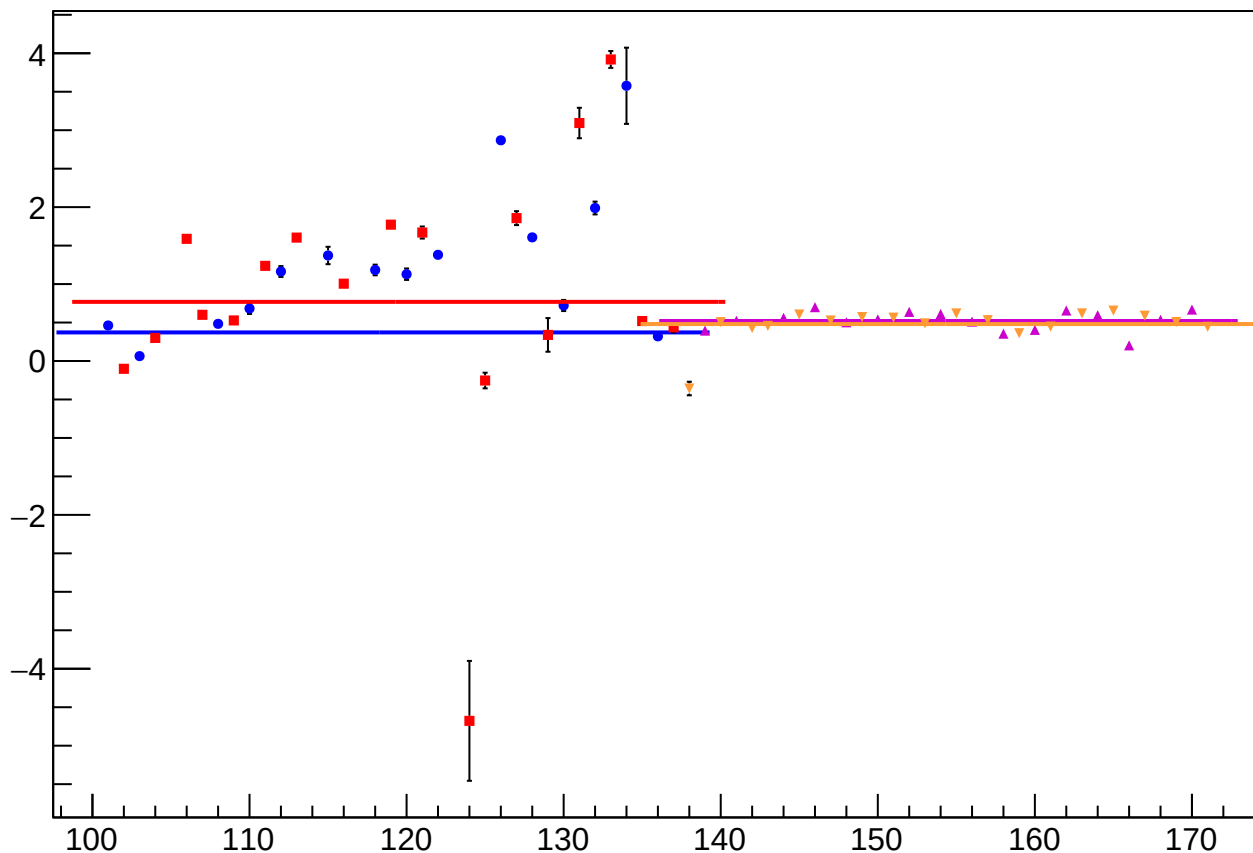
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 21.453 $\pm$ 0.035 χ^2 /NDF:349081.5/30

Out: 24.271 $\pm$ 0.008 χ^2 /NDF:217814.4/35

All: 24.130 $\pm$ 0.008 χ^2 /NDF: 572903.5/66

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.480 ± 0.001 $\chi^2/\text{NDF}: 6556.8/17$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.520 ± 0.001 $\chi^2/\text{NDF}: 10506.9/15$

Left: 0.501 ± 0.001 $\chi^2/\text{NDF}: 17717.3/33$

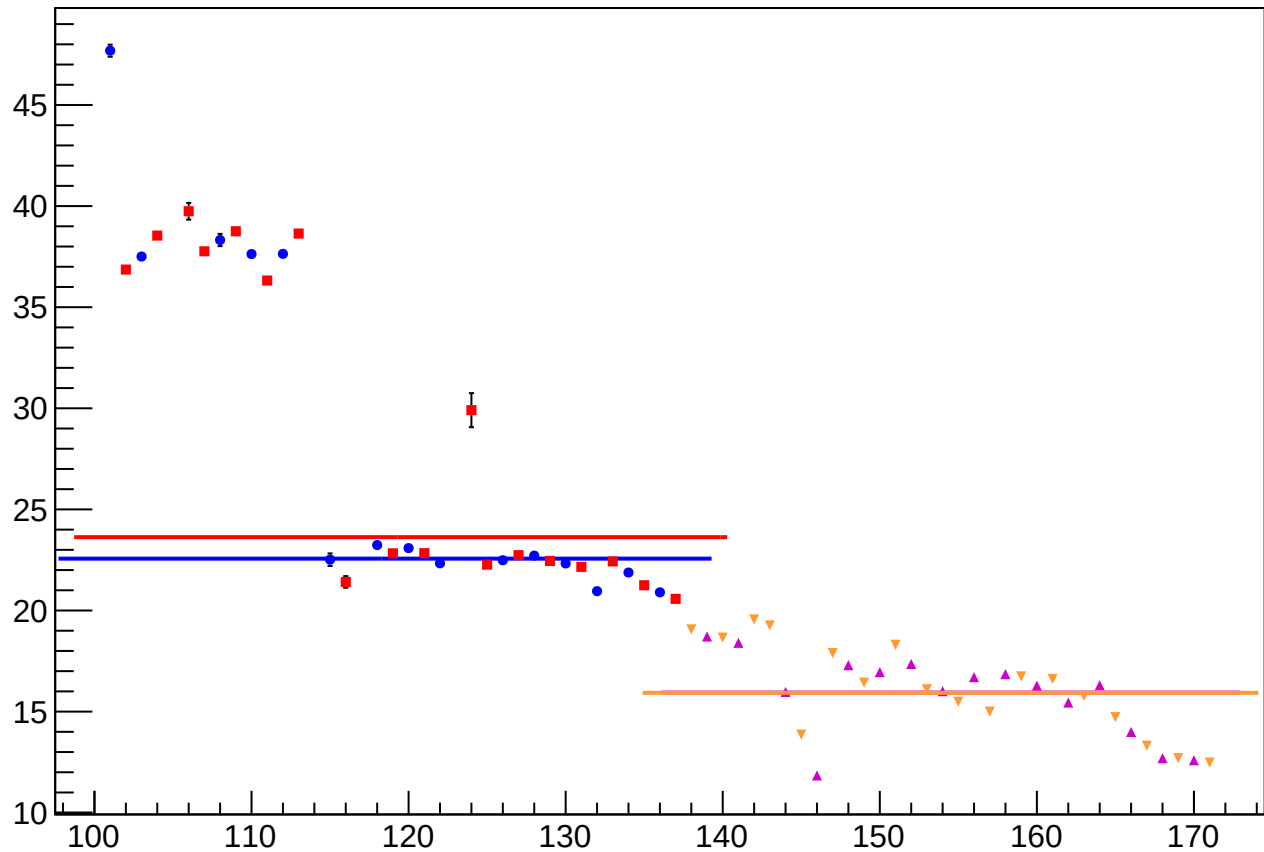
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.512 ± 0.001 $\chi^2/\text{NDF}: 16349.0/30$

Out: 0.488 ± 0.001 $\chi^2/\text{NDF}: 12381.4/35$

All: 0.501 ± 0.001 $\chi^2/\text{NDF}: 28975.8/66$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 15.930 $\pm$ 0.006 χ^2 /NDF:147315.2/17

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 15.941 $\pm$ 0.007 χ^2 /NDF:71494.9/15

Left: 15.935 $\pm$ 0.005 χ^2 /NDF: 218811.4/33

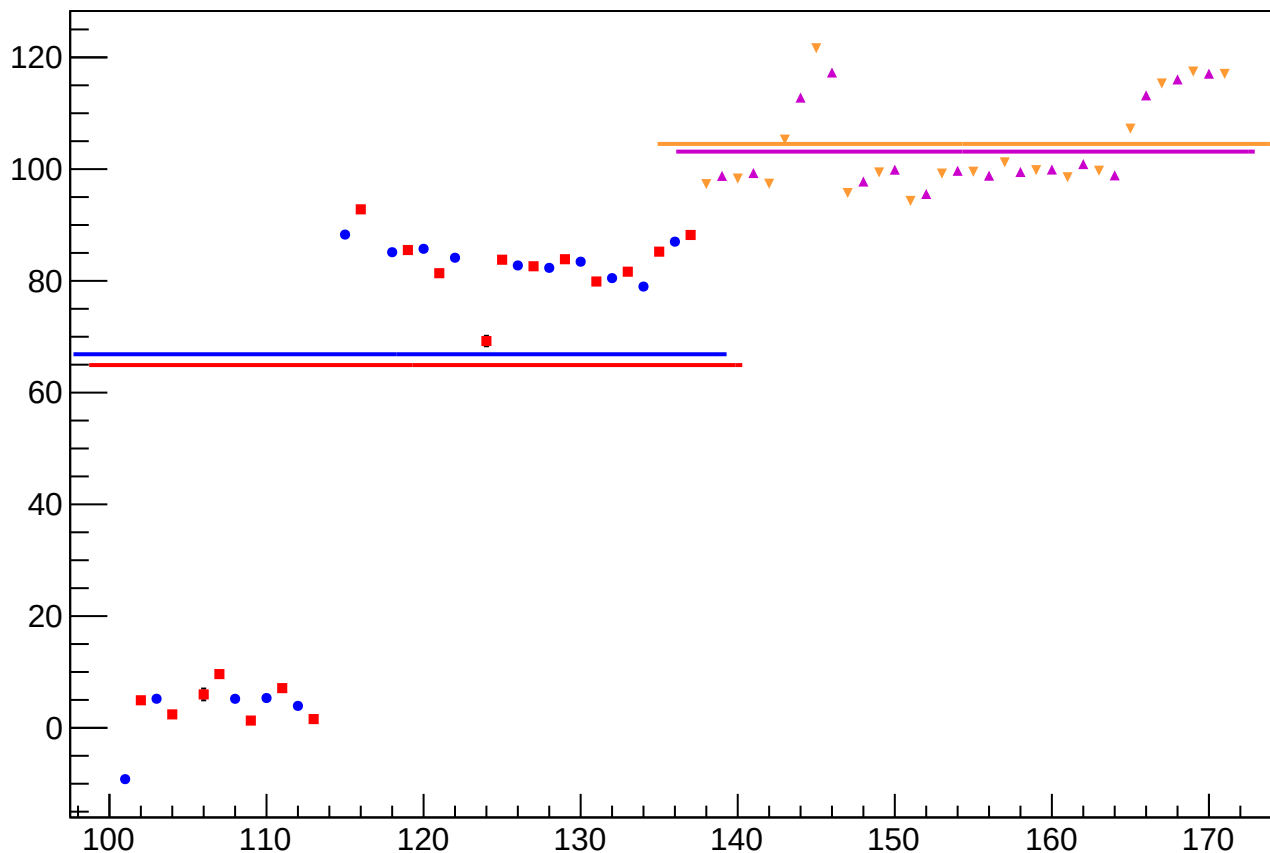
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 18.055 $\pm$ 0.006 χ^2 /NDF:452983.4/30

Out: 17.681 $\pm$ 0.005 χ^2 /NDF:633952.4/35

All: 17.855 $\pm$ 0.004 χ^2 /NDF: 1089210.0/66

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 104.512+/-0.011 χ^2/NDF : 549420.3/17

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 103.131+/-0.012 χ^2/NDF : 394383.3/15

Left: 103.836+/-0.008 χ^2/NDF : 951007.3/33

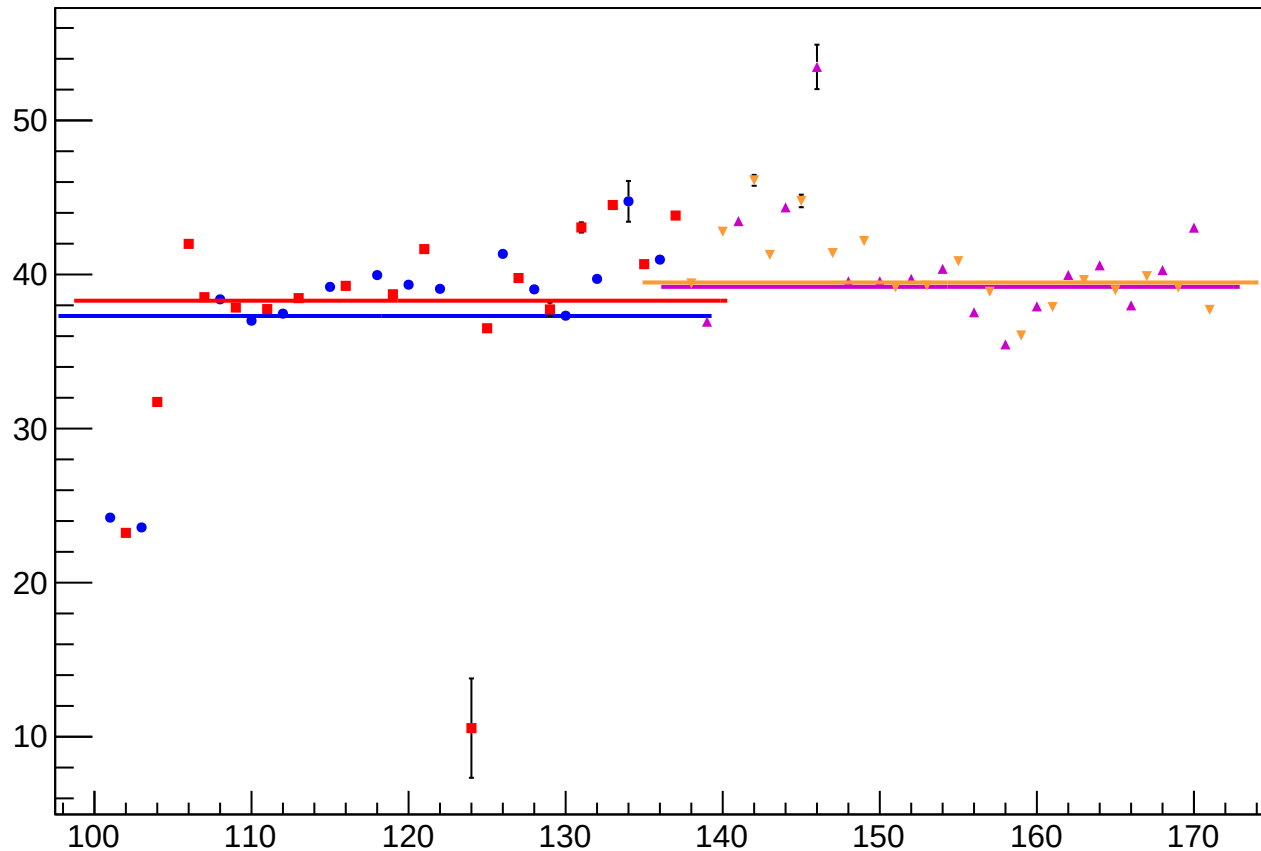
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 97.488+/-0.011 χ^2/NDF : 3405154.5/30

Out: 99.452+/-0.011 χ^2/NDF : 3430262.9/35

All: 98.474+/-0.008 χ^2/NDF : 6852407.4/66

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.484 ± 0.032 $\chi^2/\text{NDF}: 4024.2/17$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.199 ± 0.026 $\chi^2/\text{NDF}: 7164.7/15$

Left: 39.312 ± 0.020 $\chi^2/\text{NDF}: 11235.2/33$

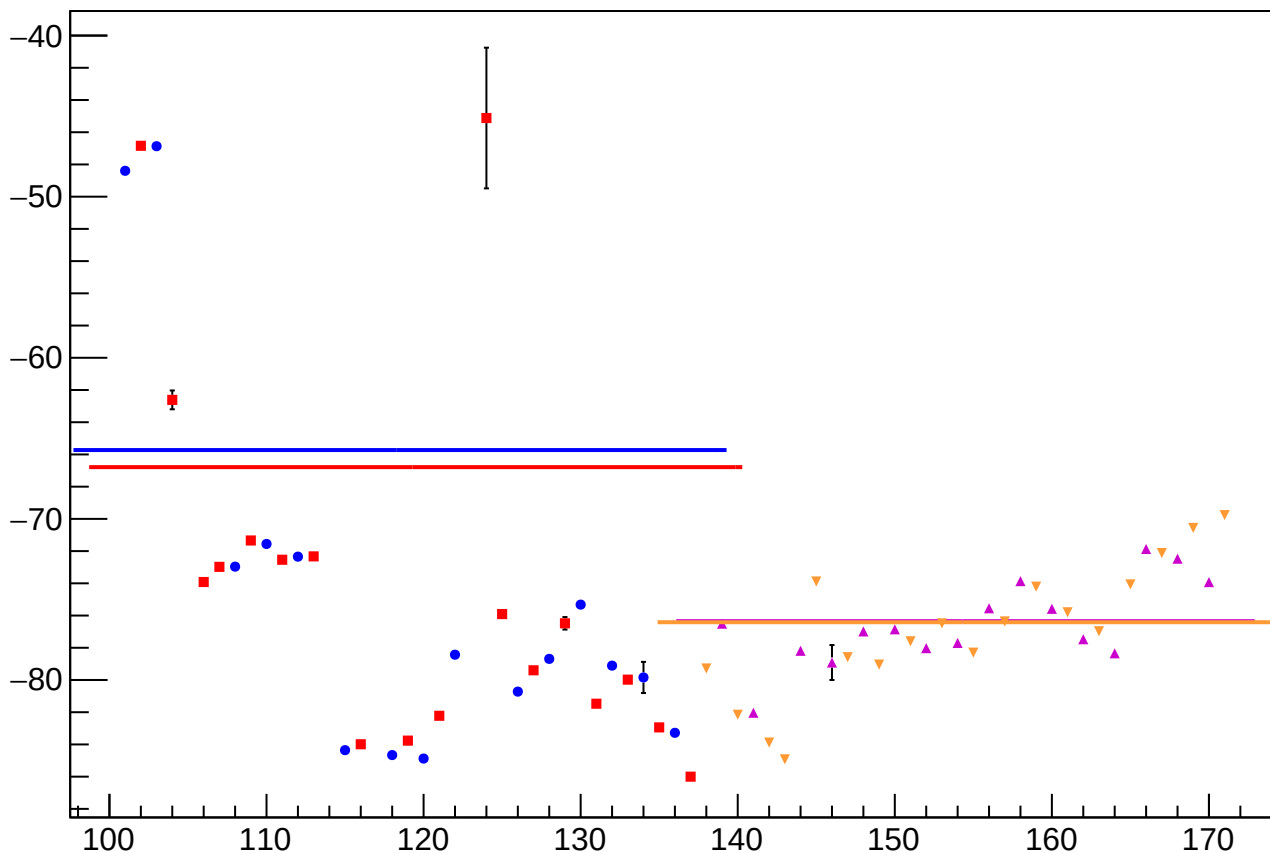
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.129 ± 0.017 $\chi^2/\text{NDF}: 69661.0/30$

Out: 38.638 ± 0.017 $\chi^2/\text{NDF}: 23815.3/35$

All: 38.384 ± 0.012 $\chi^2/\text{NDF}: 93906.0/66$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.414 $\pm$ 0.027 χ^2 /NDF:21593.2/17

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.349 $\pm$ 0.021 χ^2 /NDF:8459.4/15

Left: -76.374 $\pm$ 0.017 χ^2 /NDF: 30056.3/33

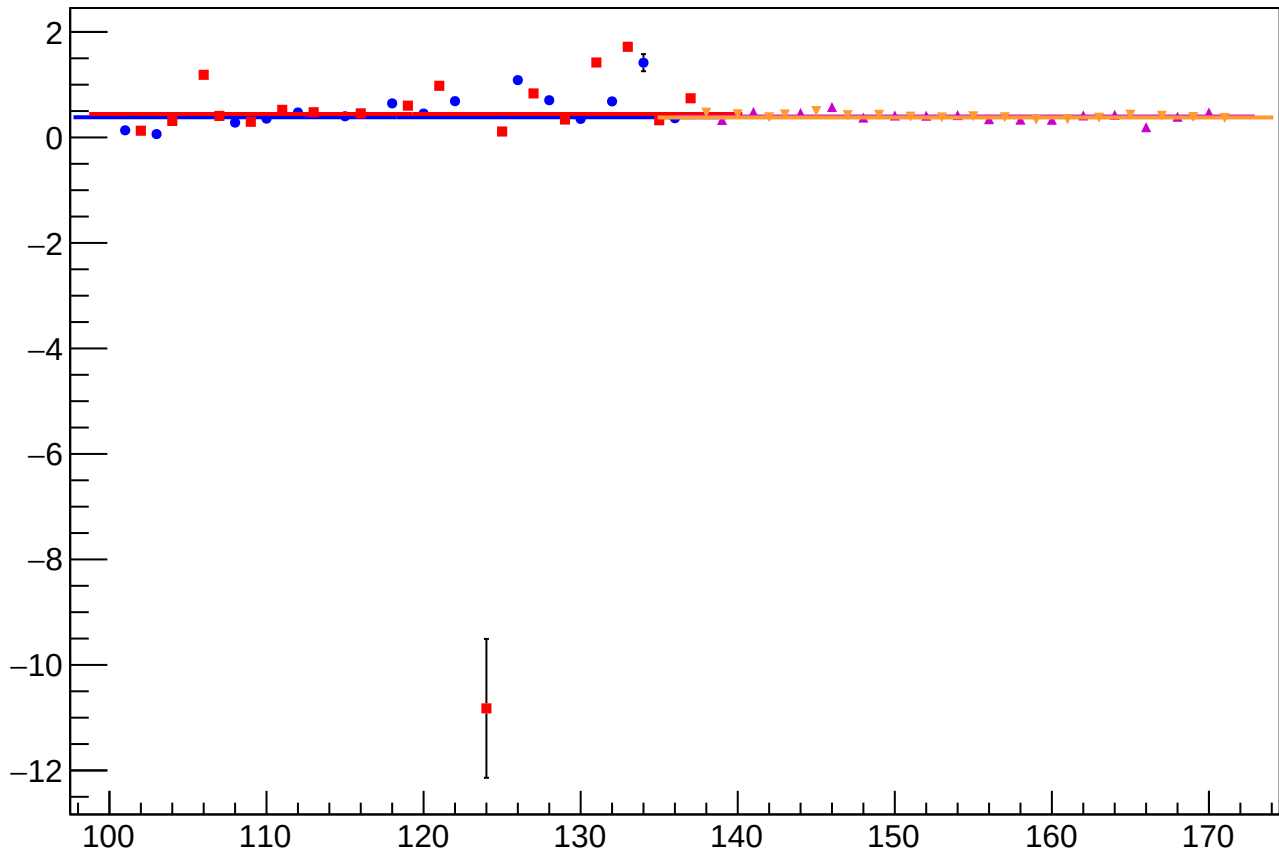
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.843 $\pm$ 0.013 χ^2 /NDF:1065487.8/30

Out: -69.274 $\pm$ 0.014 χ^2 /NDF:926743.0/35

All: -69.568 $\pm$ 0.009 χ^2 /NDF: 1993131.6/66

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.378 $\pm$ 0.001 χ^2 /NDF: 5865.4/17

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 7328.2/15

Left: 0.387 $\pm$ 0.000 χ^2 /NDF: 13779.8/33

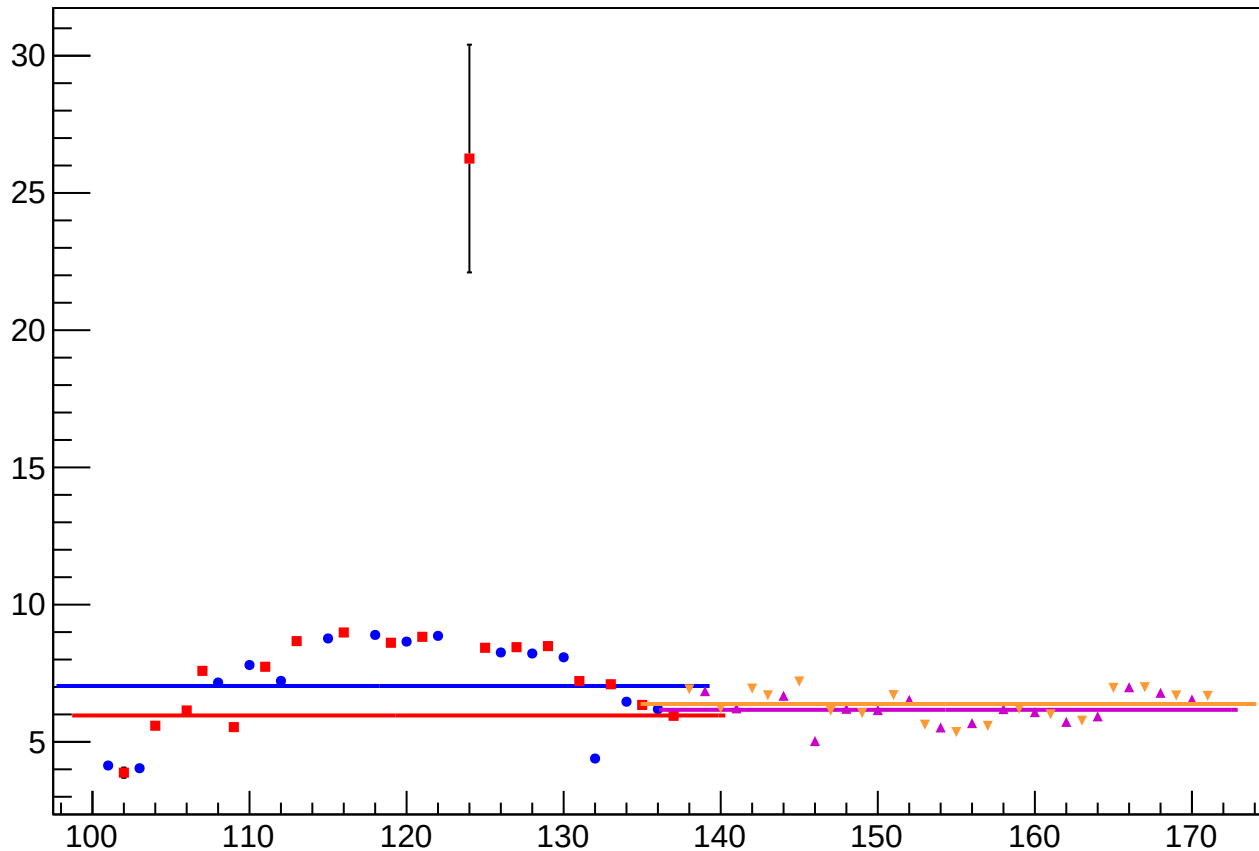
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.000 χ^2 /NDF: 15548.1/30

Out: 0.380 $\pm$ 0.001 χ^2 /NDF: 8967.0/35

All: 0.387 $\pm$ 0.000 χ^2 /NDF: 24986.6/66

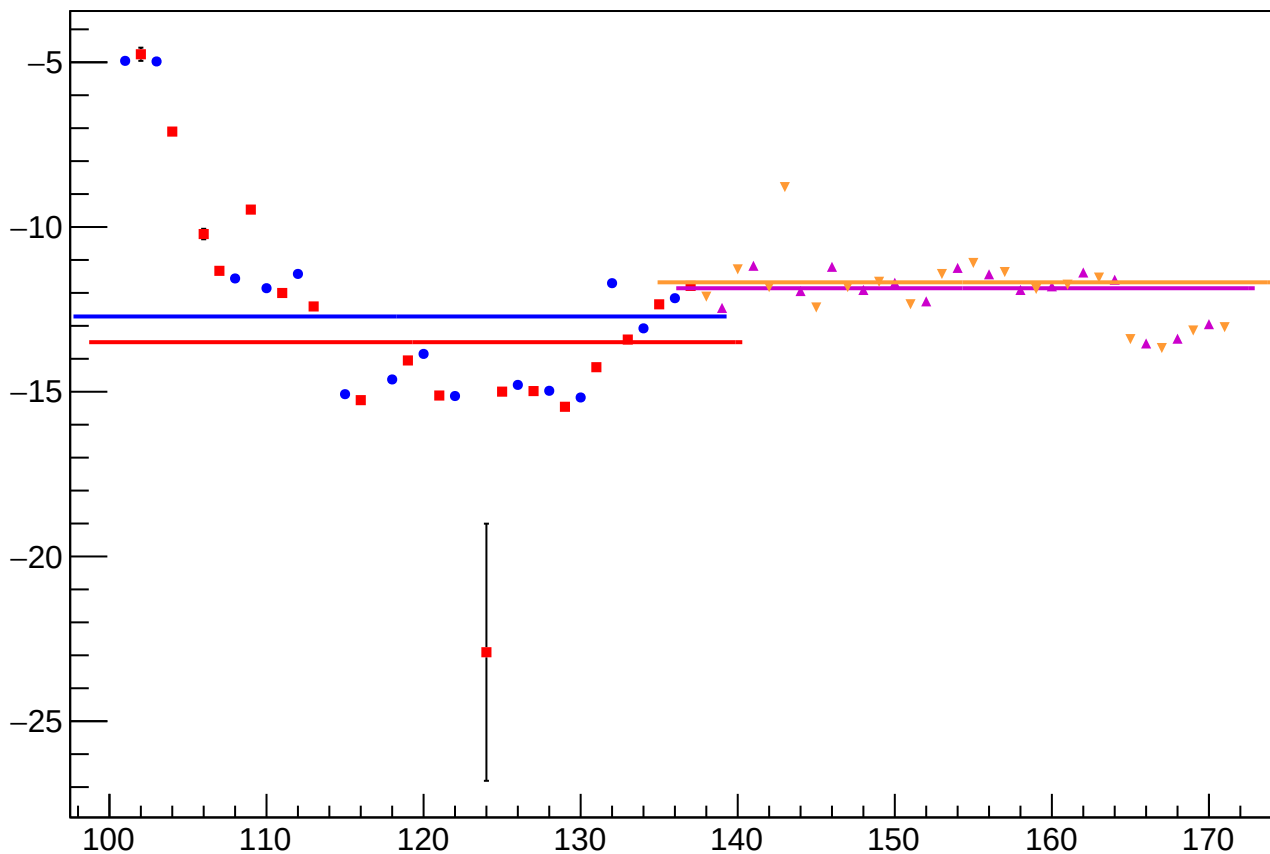
dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$
Left Out: 6.380 ± 0.002 $\chi^2/\text{NDF}: 60854.3/17$
Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$
Left In: 6.168 ± 0.002 $\chi^2/\text{NDF}: 44785.4/15$

Left: 6.270 ± 0.001 $\chi^2/\text{NDF}: 114174.0/33$
Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$
In: 6.264 ± 0.002 $\chi^2/\text{NDF}: 147504.5/30$
Out: 5.986 ± 0.000 $\chi^2/\text{NDF}: 289364.6/35$
All: 6.004 ± 0.000 $\chi^2/\text{NDF}: 468816.0/66$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715±/-0.006 χ^2/NDF : 85219.4/14

Left Out: -11.679±/-0.002 χ^2/NDF :333120.2/17

Right Out: -13.496±/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.859±/-0.002 χ^2/NDF :53589.7/15

Left: -11.770±/-0.002 χ^2/NDF : 389930.1/33

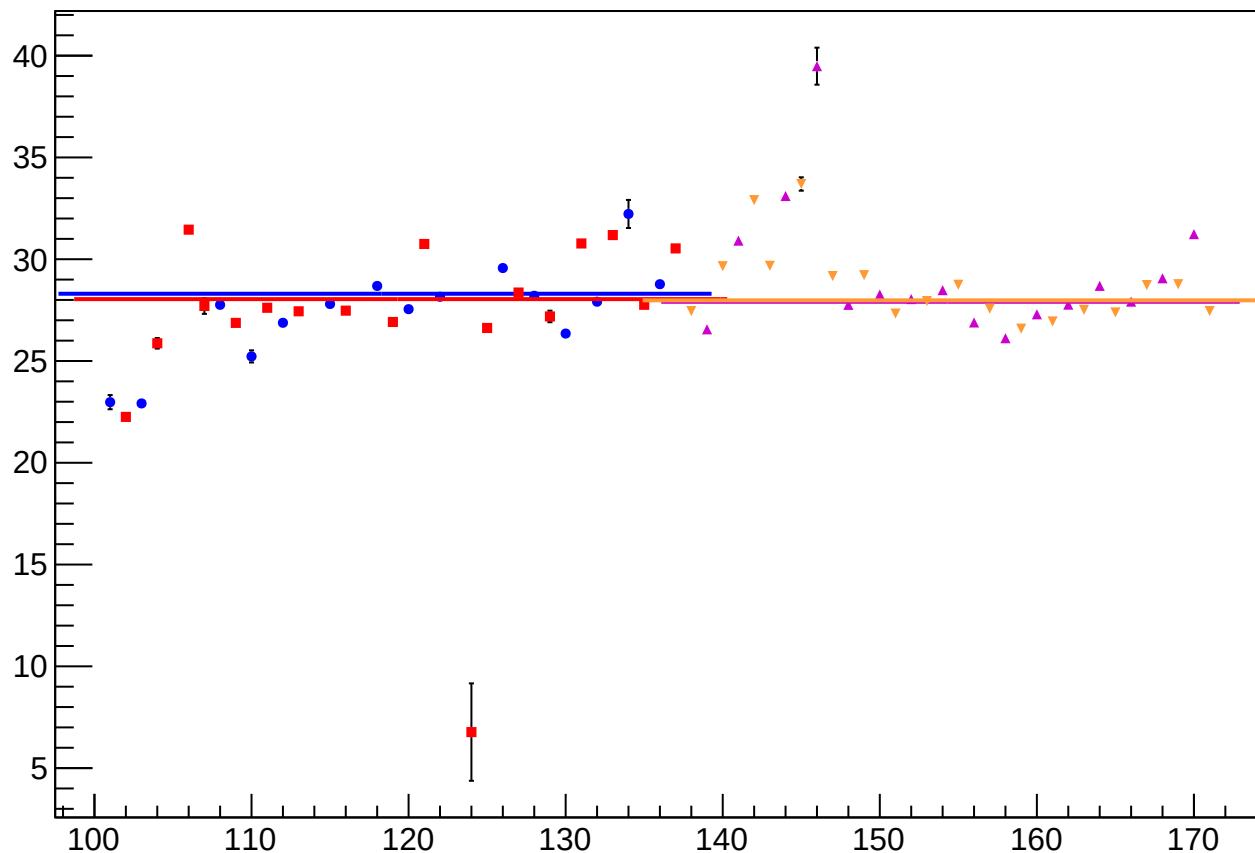
Right: -13.142±/-0.004 χ^2/NDF : 149153.5/32

In: -11.952±/-0.002 χ^2/NDF :154883.8/30

Out: -11.916±/-0.002 χ^2/NDF :473897.7/35

All: -11.934±/-0.001 χ^2/NDF : 628931.6/66

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.980 ± 0.020 $\chi^2/\text{NDF}: 3767.3/17$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.908 ± 0.016 $\chi^2/\text{NDF}: 6829.9/15$

Left: 27.938 ± 0.012 $\chi^2/\text{NDF}: 10605.3/33$

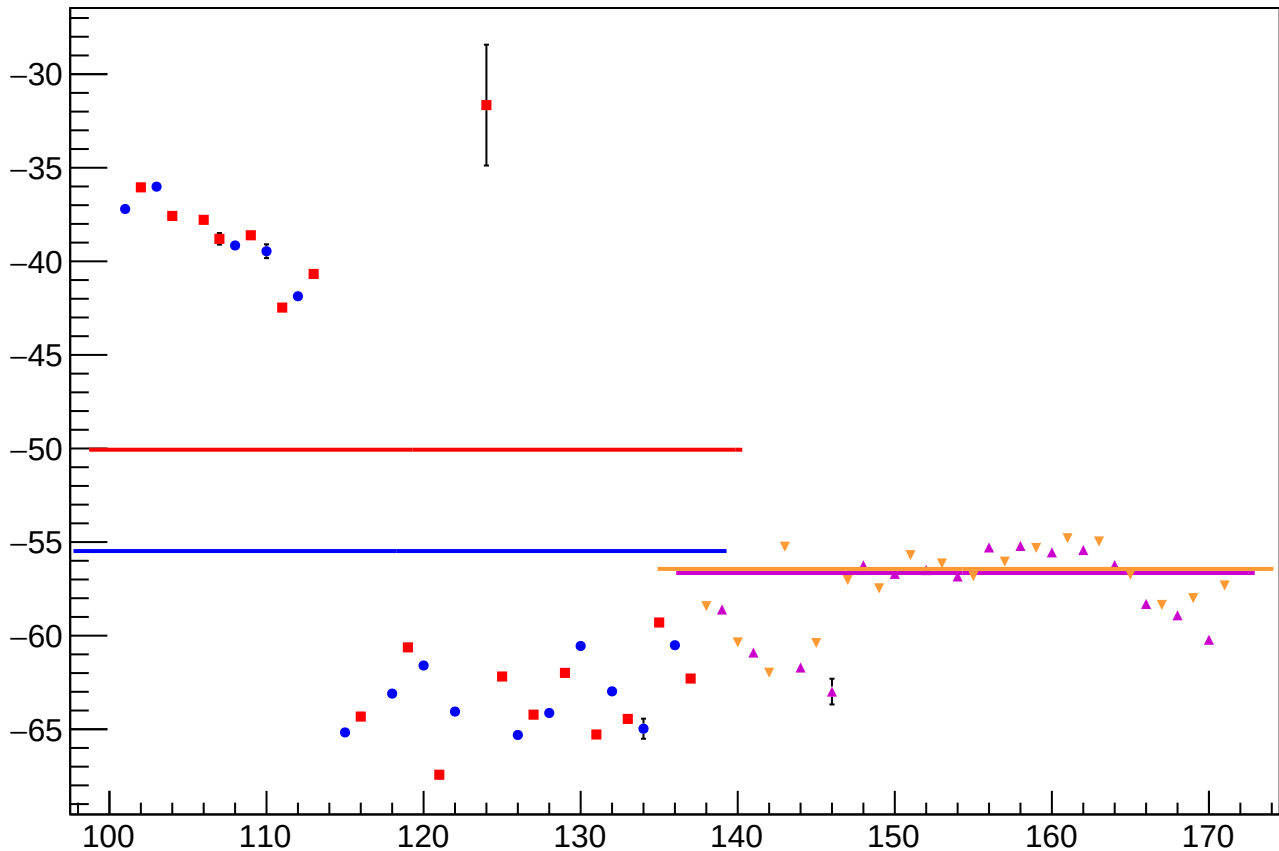
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.039 ± 0.013 $\chi^2/\text{NDF}: 10427.1/30$

Out: 27.998 ± 0.016 $\chi^2/\text{NDF}: 6331.4/35$

All: 28.023 ± 0.010 $\chi^2/\text{NDF}: 16762.3/66$

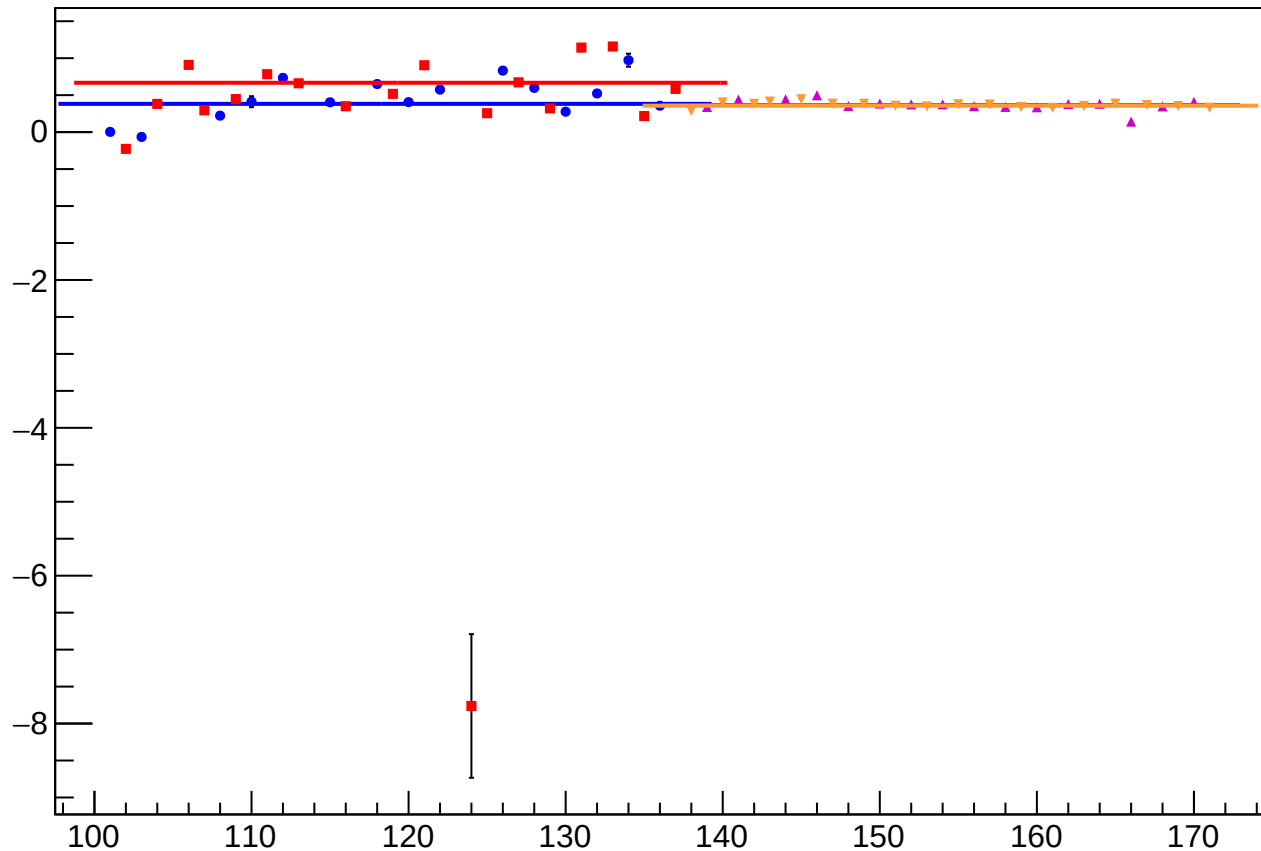
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14
 Left Out: -56.433 ± 0.016 χ^2/NDF : 8489.6/17
 Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17
 Left In: -56.654 ± 0.014 χ^2/NDF : 12180.6/15

Left: -56.564 ± 0.011 χ^2/NDF : 20776.4/33
 Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32
 In: -56.179 ± 0.011 χ^2/NDF : 610310.1/30
 Out: -54.295 ± 0.013 χ^2/NDF : 398960.2/35
 All: -55.459 ± 0.008 χ^2/NDF : 1021473.8/66

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.357 $\pm$ 0.000 χ^2 /NDF:4624.0/17

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.365 $\pm$ 0.000 χ^2 /NDF:5637.4/15

Left: 0.361 $\pm$ 0.000 χ^2 /NDF: 10494.5/33

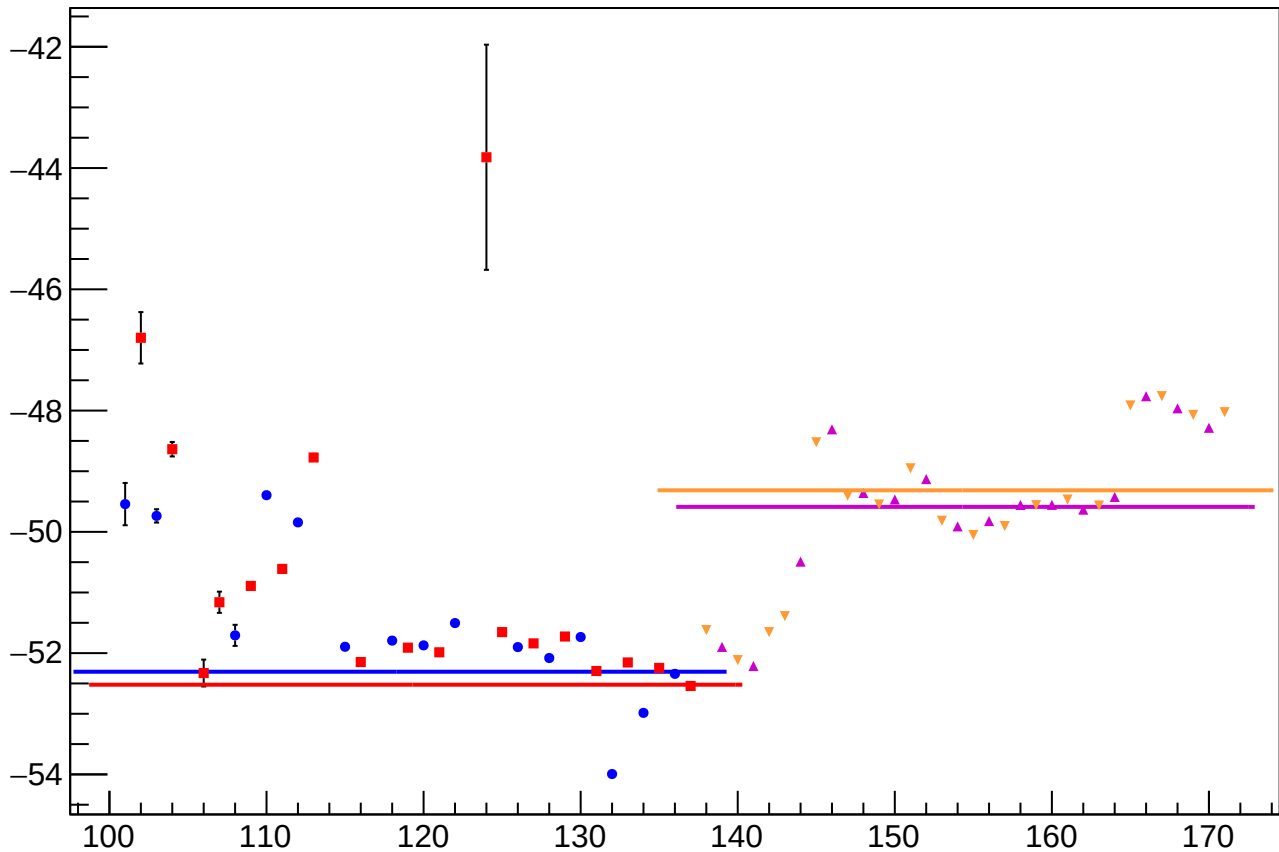
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.366 $\pm$ 0.000 χ^2 /NDF:10341.2/30

Out: 0.359 $\pm$ 0.000 χ^2 /NDF:12834.4/35

All: 0.363 $\pm$ 0.000 χ^2 /NDF: 23351.3/66

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.315 $\pm$ 0.001 χ^2 /NDF: 499872.6/17

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.588 $\pm$ 0.001 χ^2 /NDF: 387125.1/15

Left: -49.448 $\pm$ 0.001 χ^2 /NDF: 904323.5/33

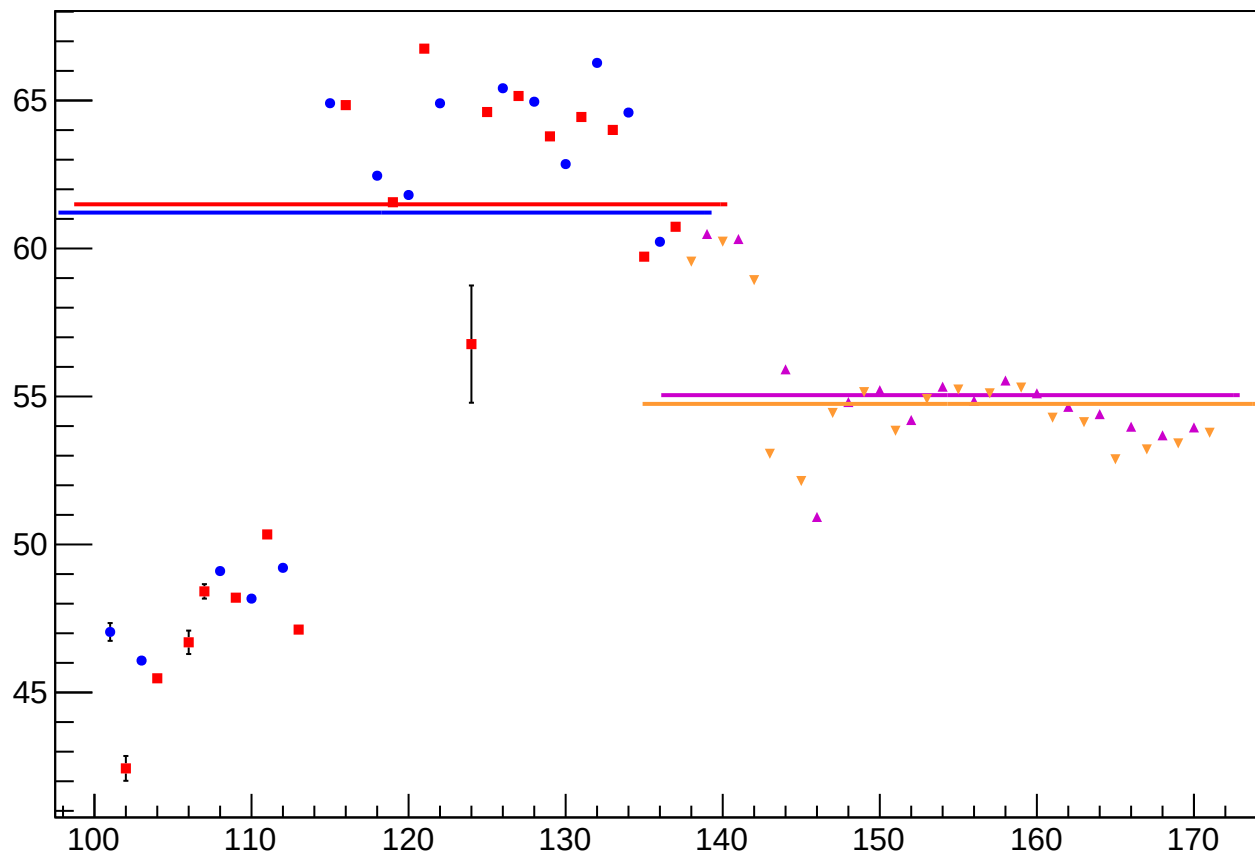
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.934 $\pm$ 0.001 χ^2 /NDF: 840823.0/30

Out: -51.347 $\pm$ 0.001 χ^2 /NDF: 3607263.0/35

All: -50.942 $\pm$ 0.001 χ^2 /NDF: 5189608.4/66

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.750 $\pm$ 0.003 χ^2/NDF : 247913.3/17

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.045 $\pm$ 0.003 χ^2/NDF : 77739.7/15

Left: 54.912 $\pm$ 0.002 χ^2/NDF : 330265.4/33

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.537 $\pm$ 0.003 χ^2/NDF : 589578.1/30

Out: 56.015 $\pm$ 0.003 χ^2/NDF : 1310123.3/35

All: 55.767 $\pm$ 0.002 χ^2/NDF : 1913705.9/66

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

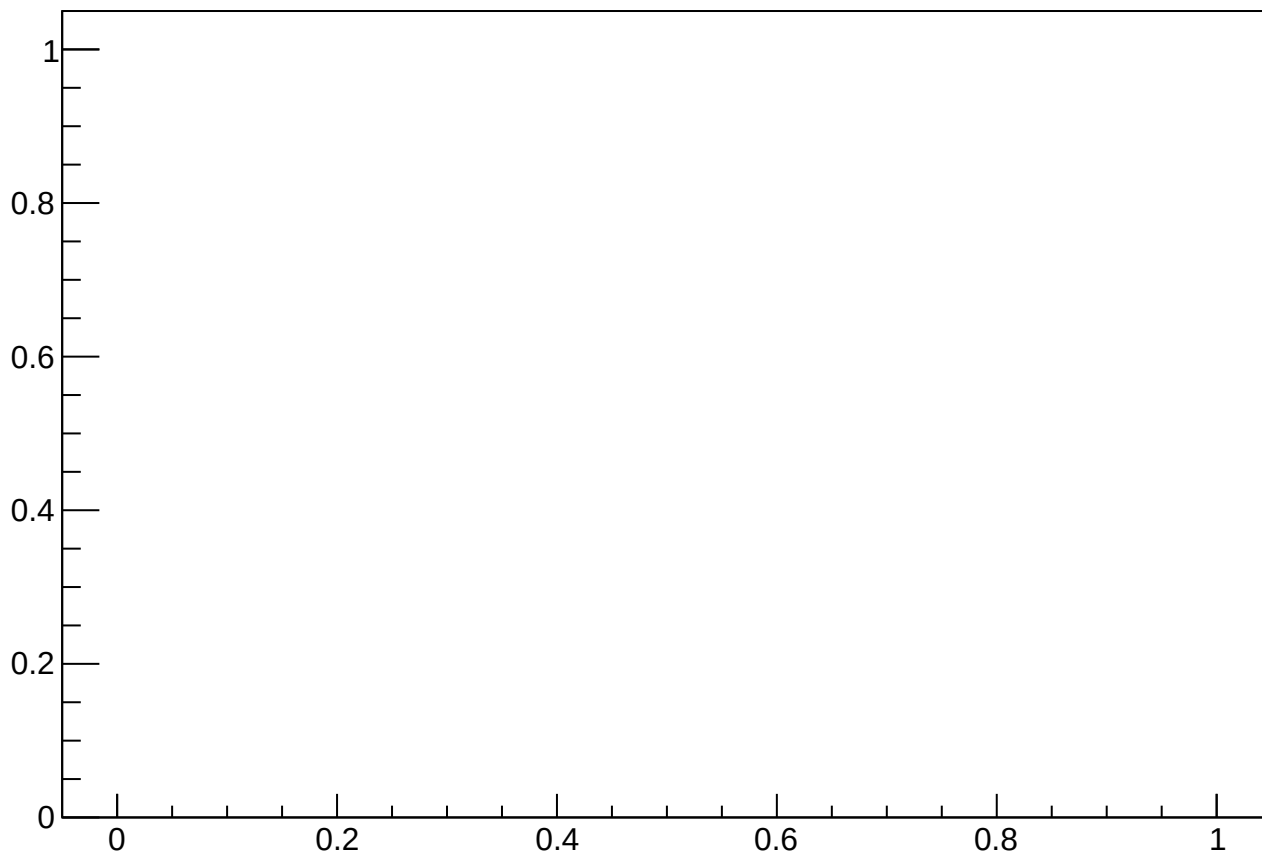
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

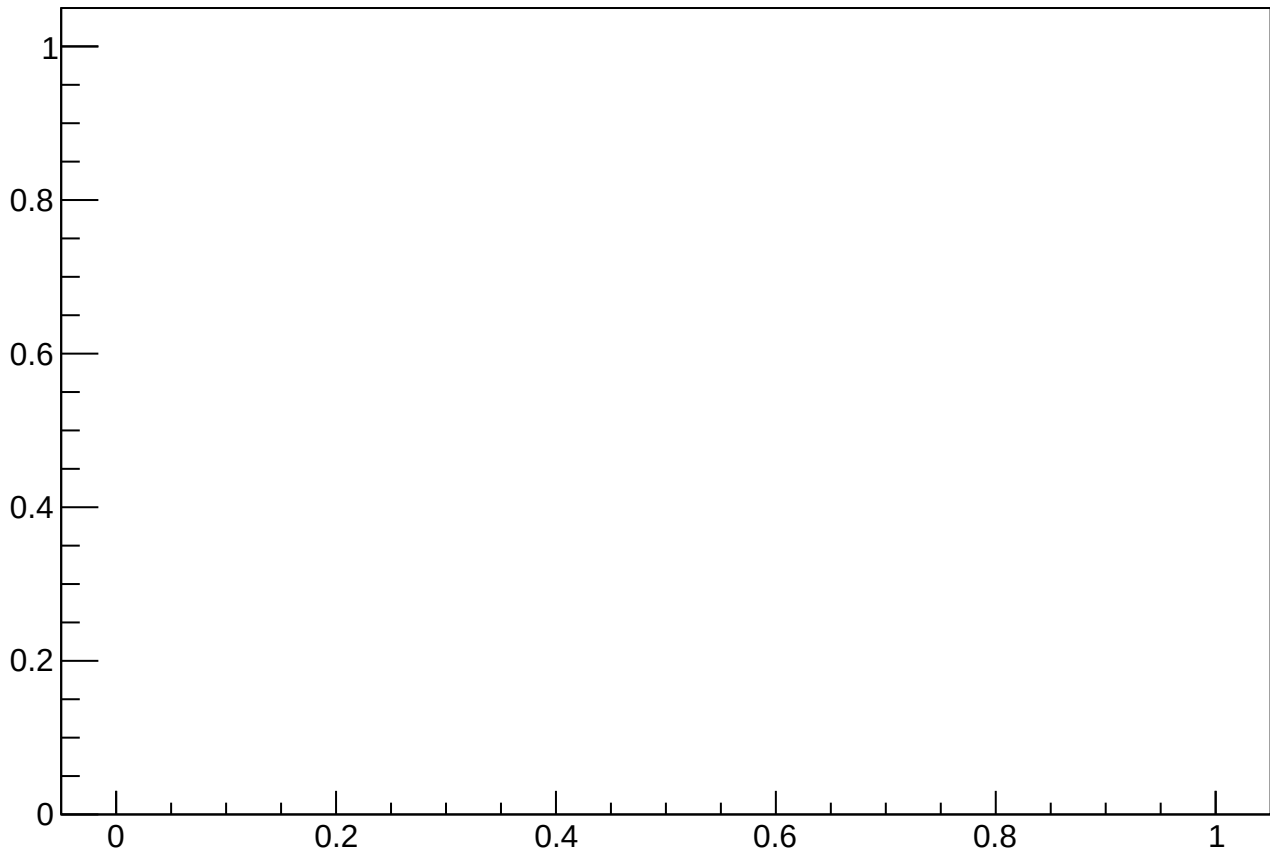
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

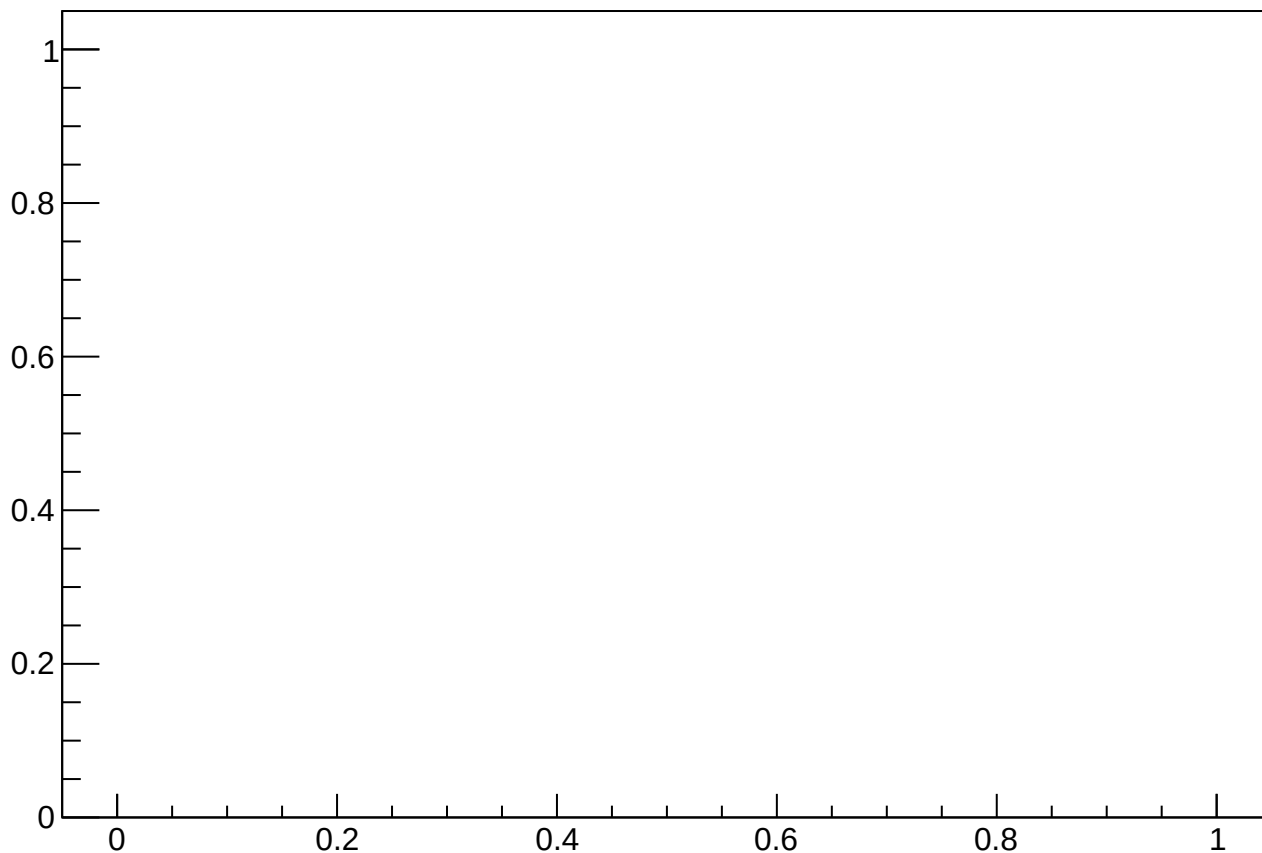
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

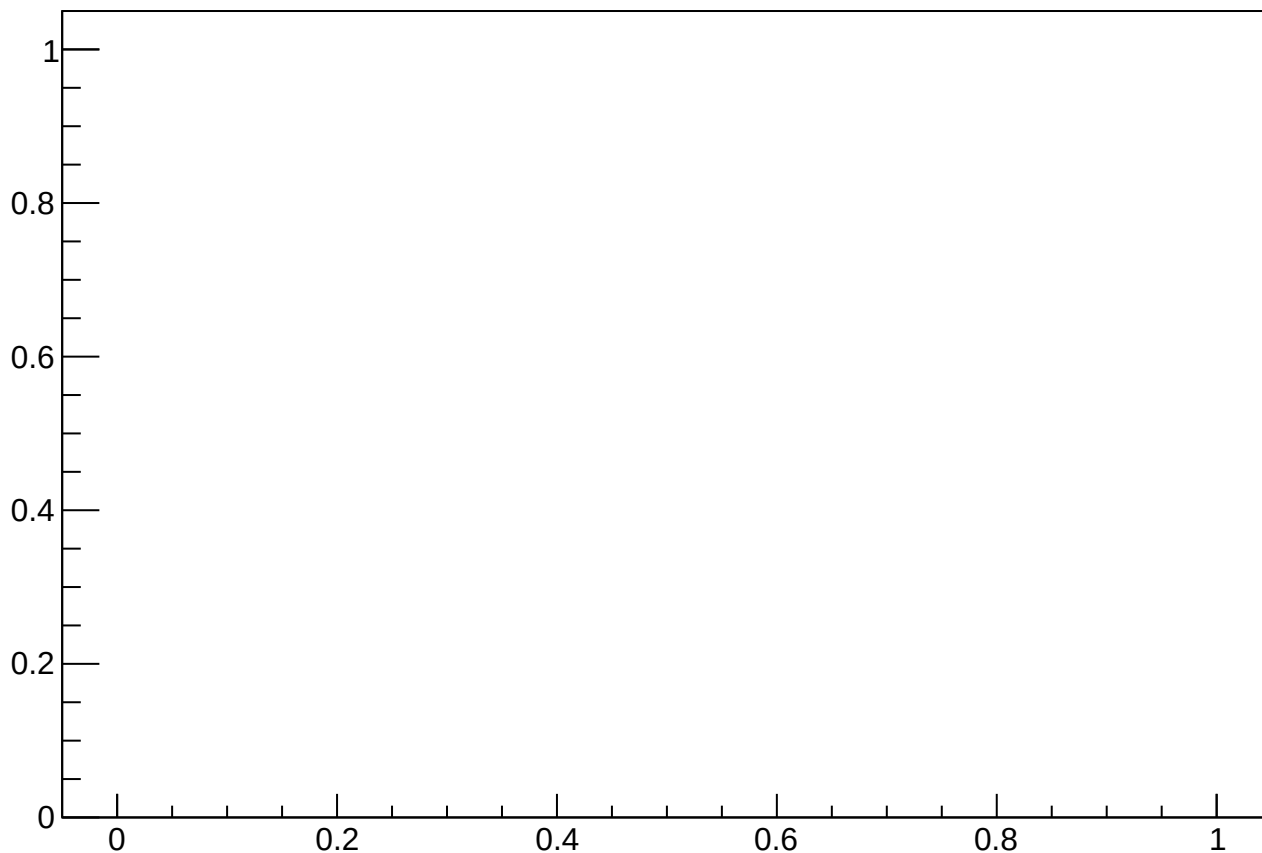
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

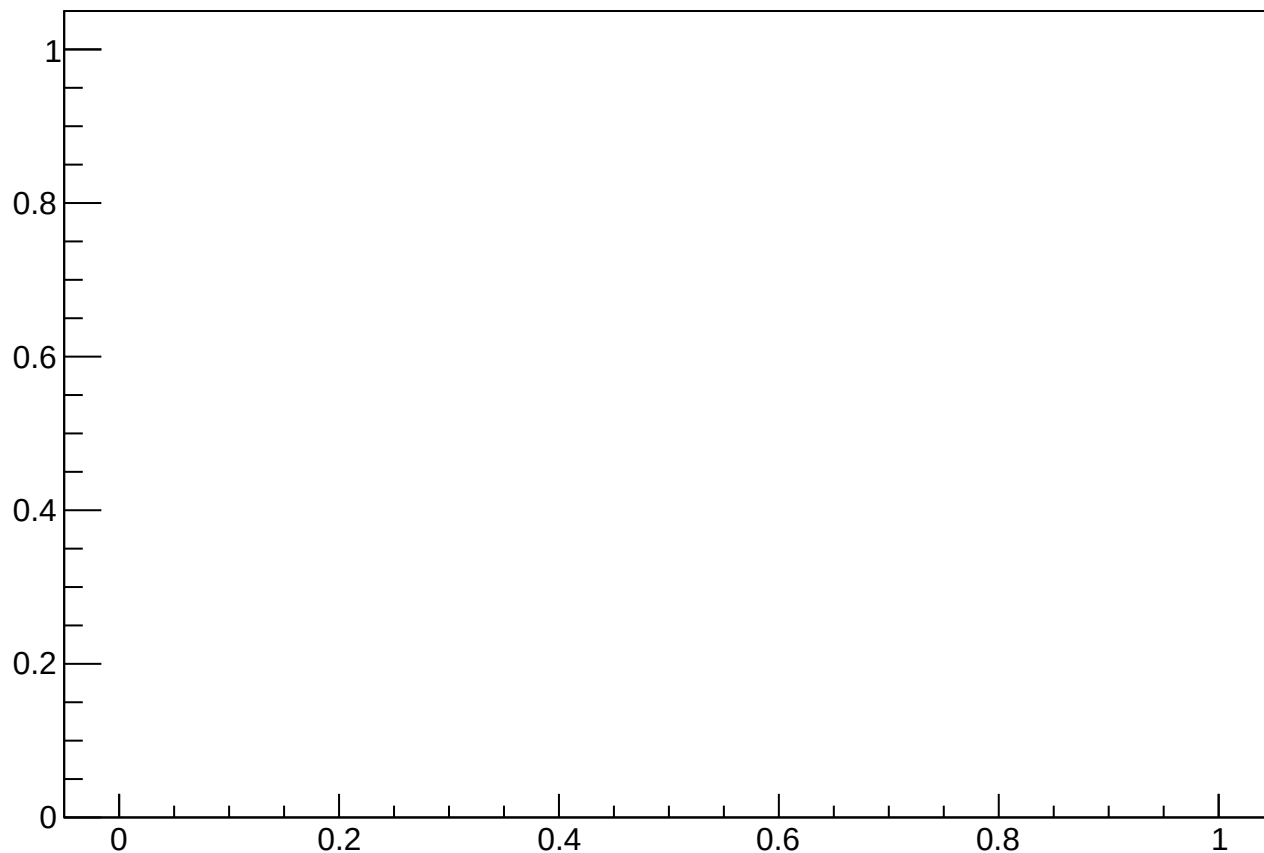
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

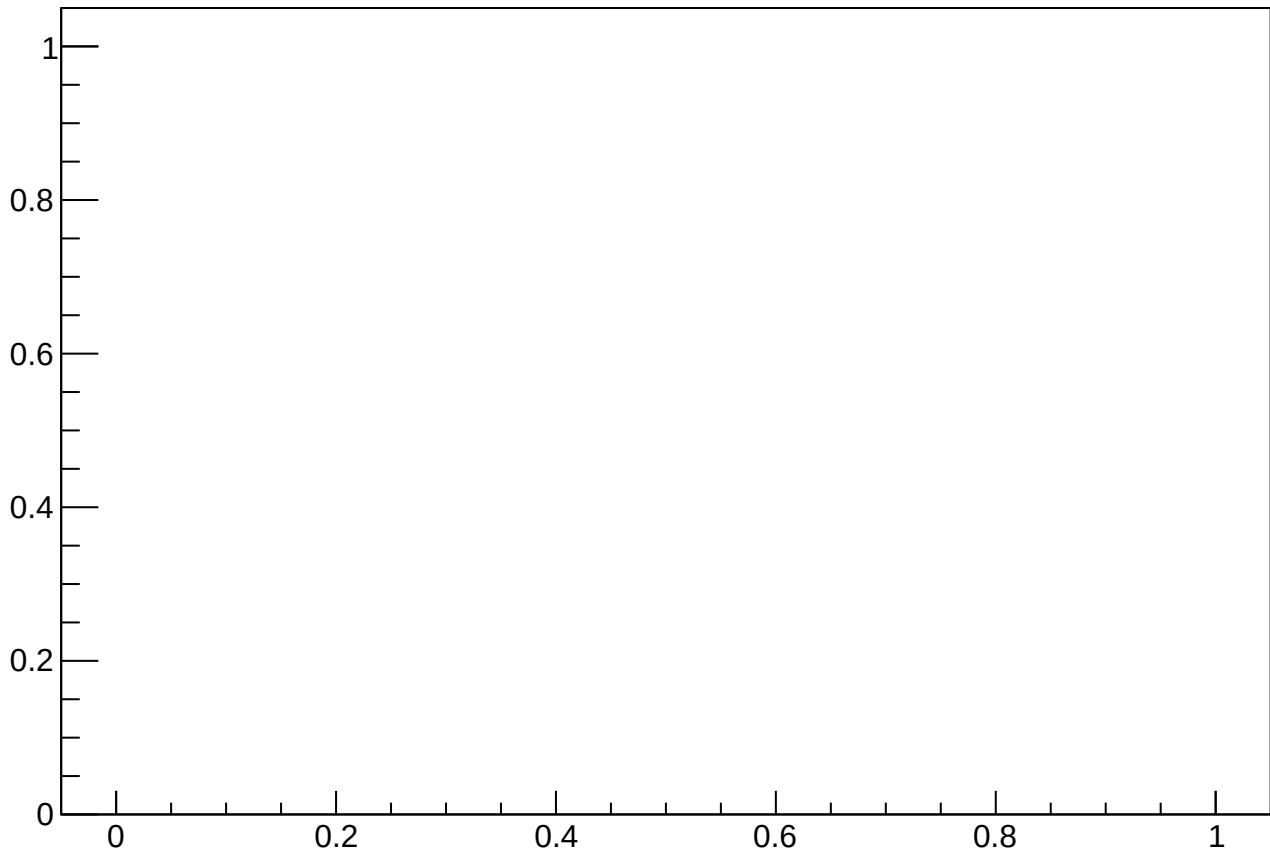
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

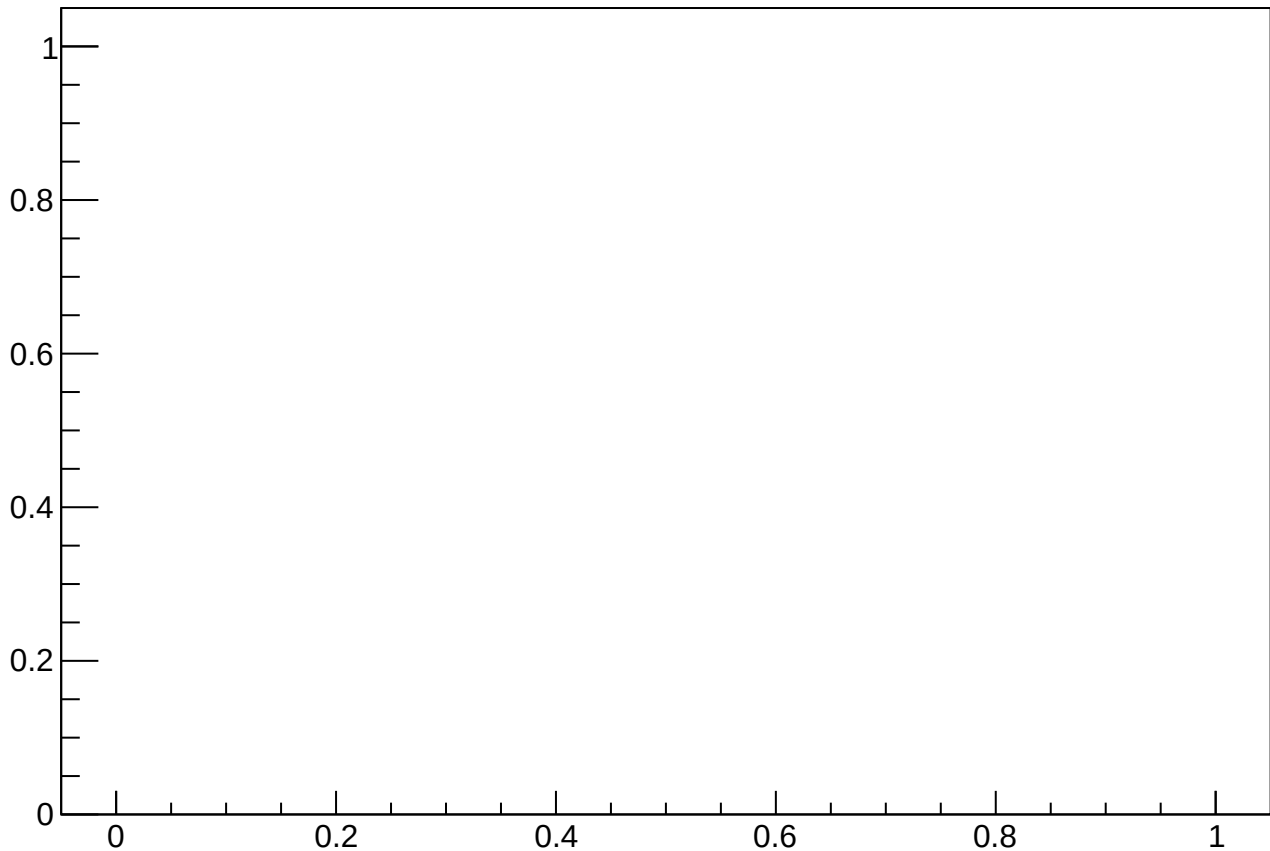
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

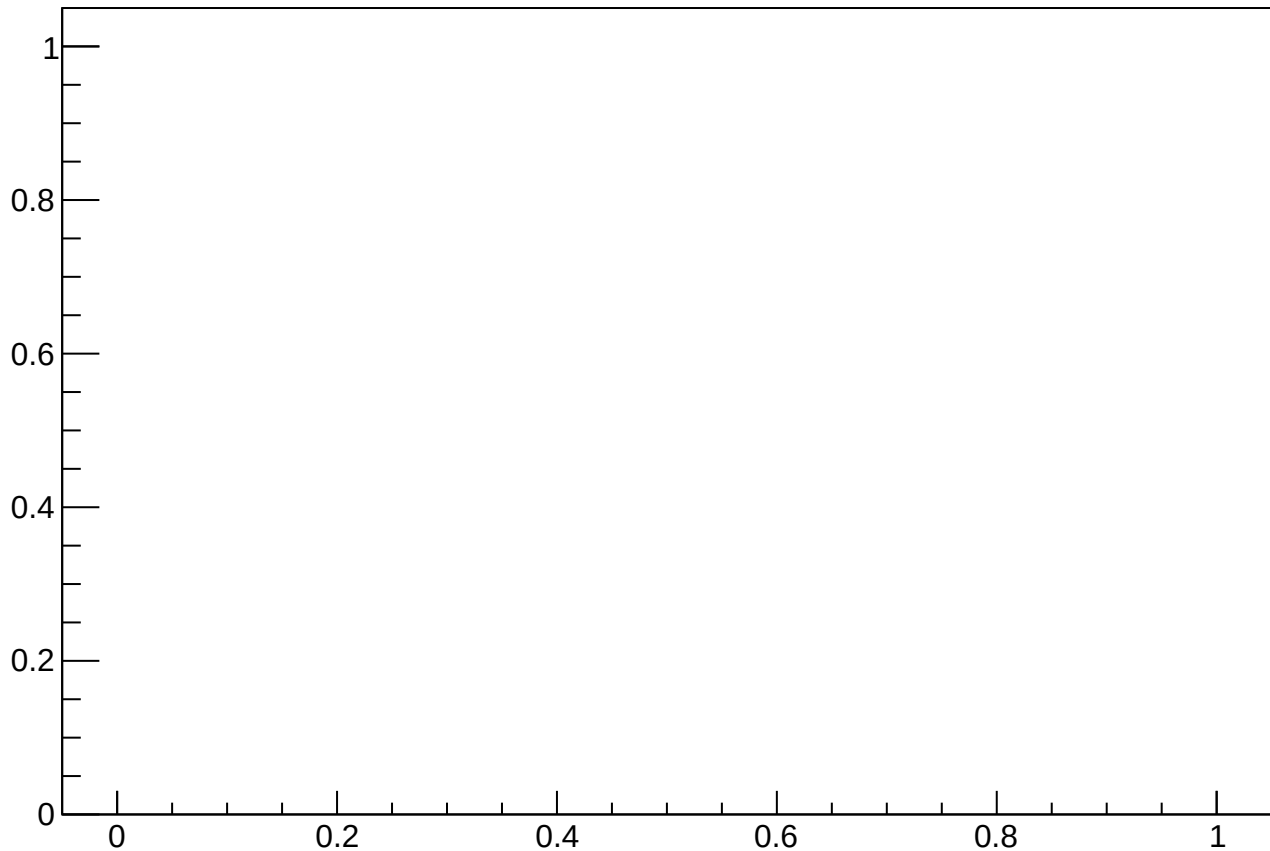
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

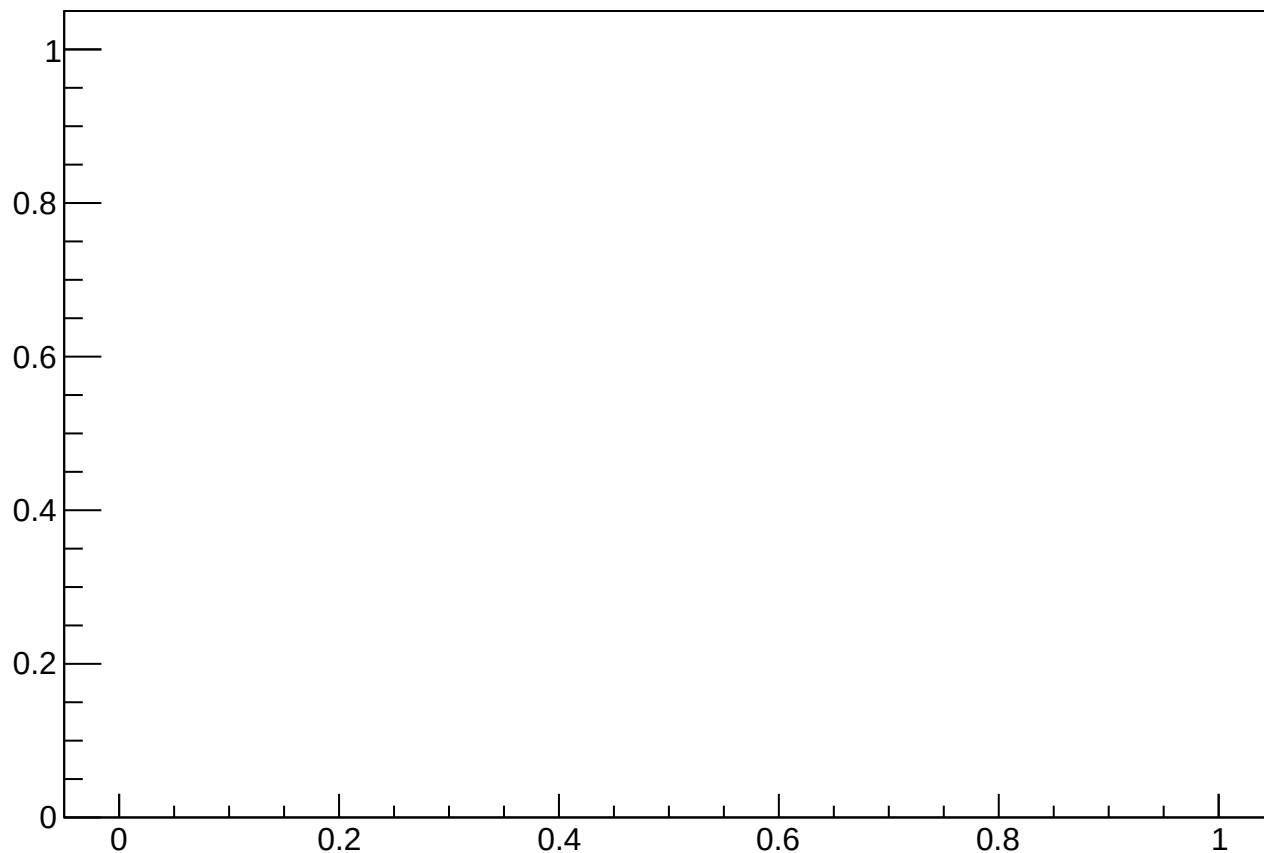
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

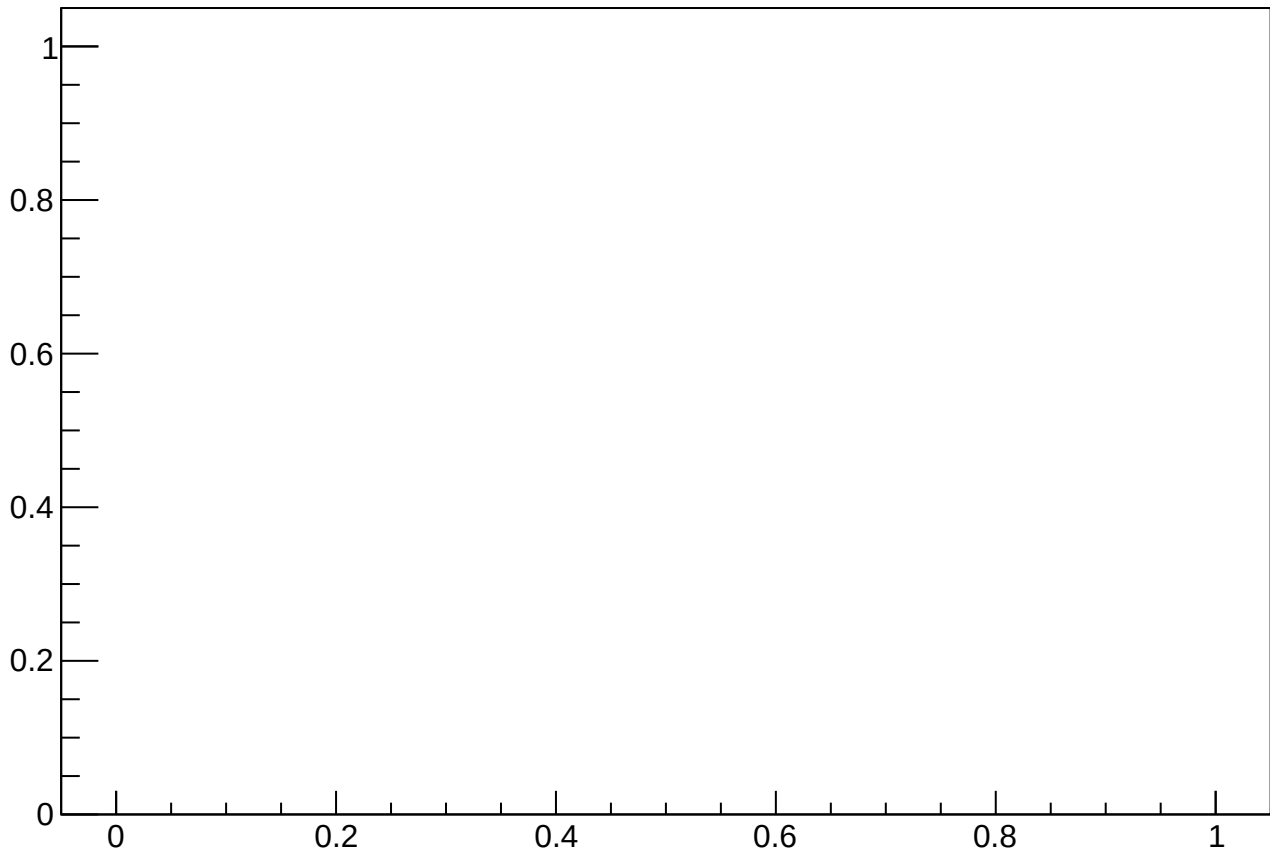
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

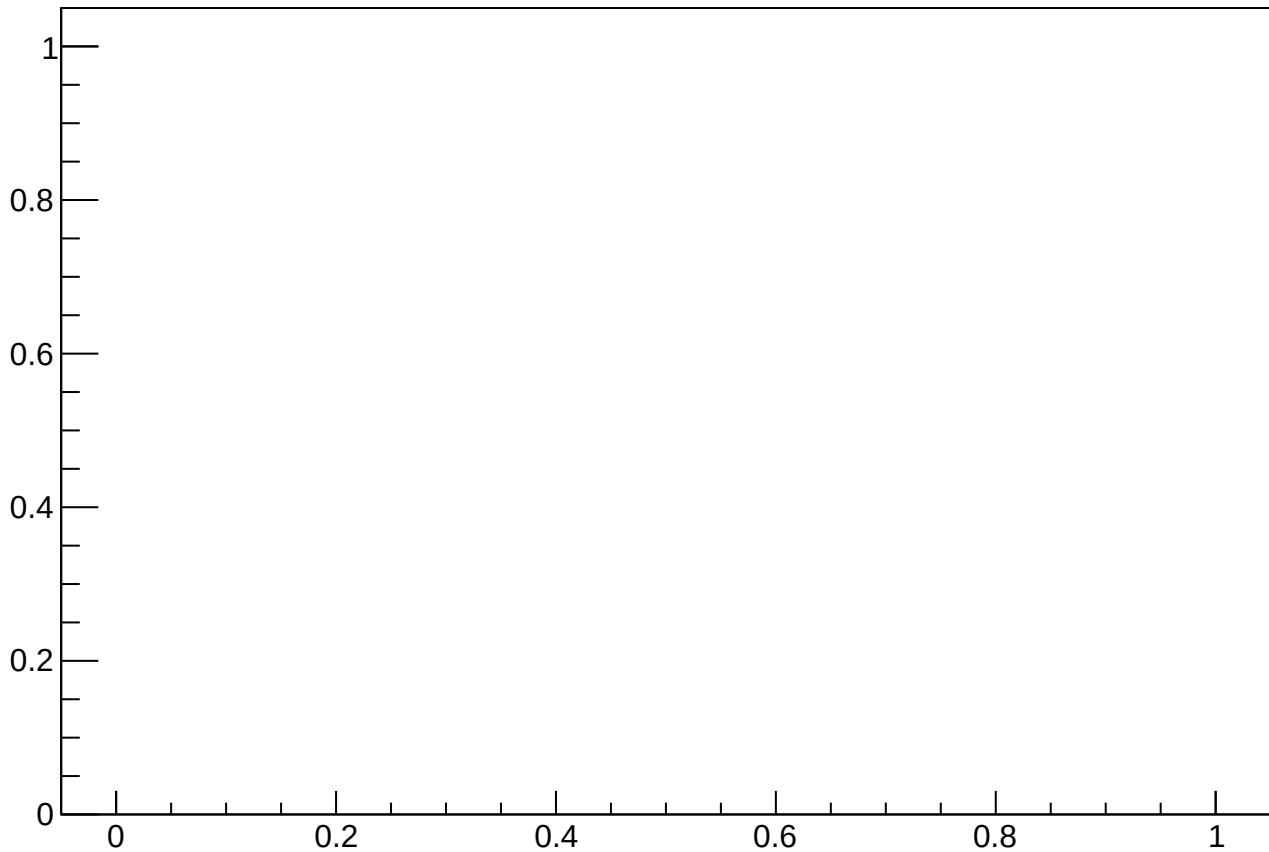
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

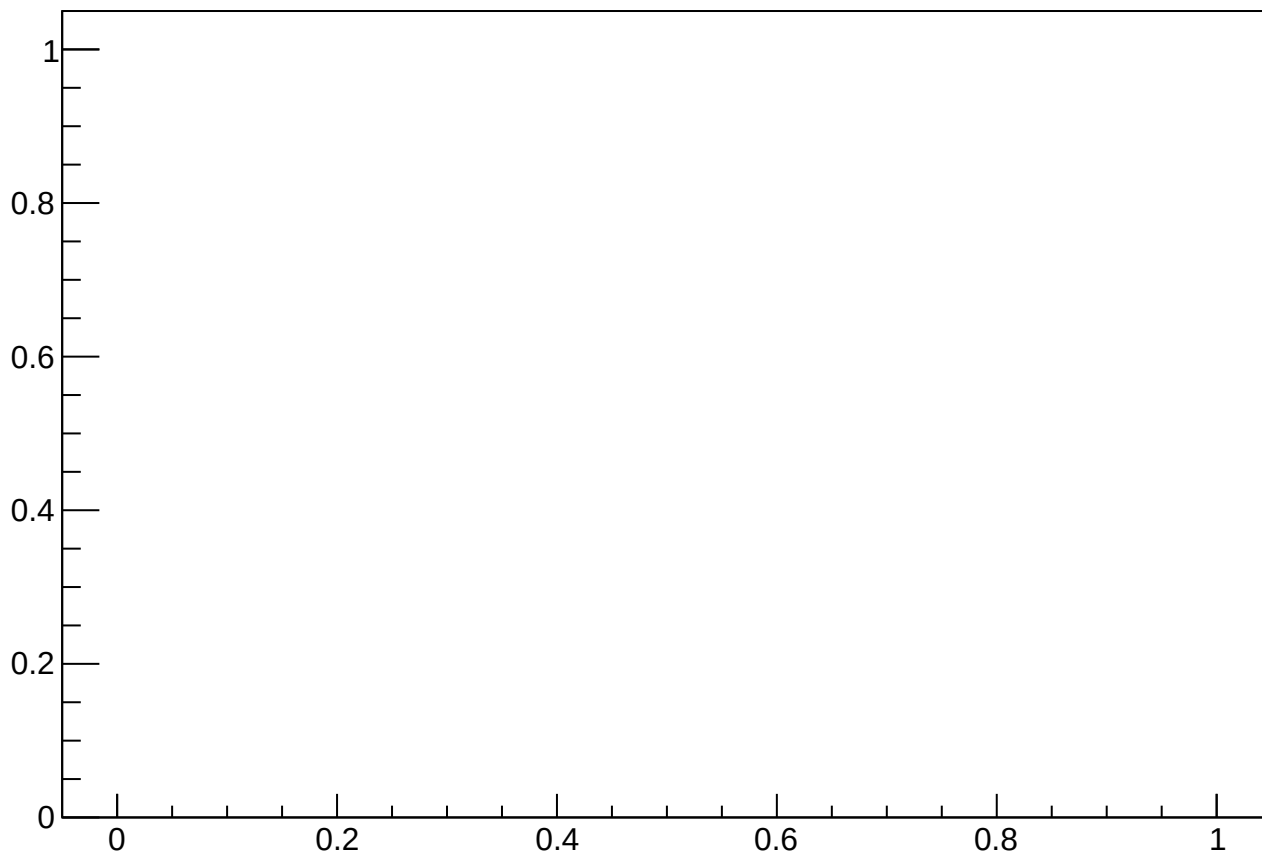
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

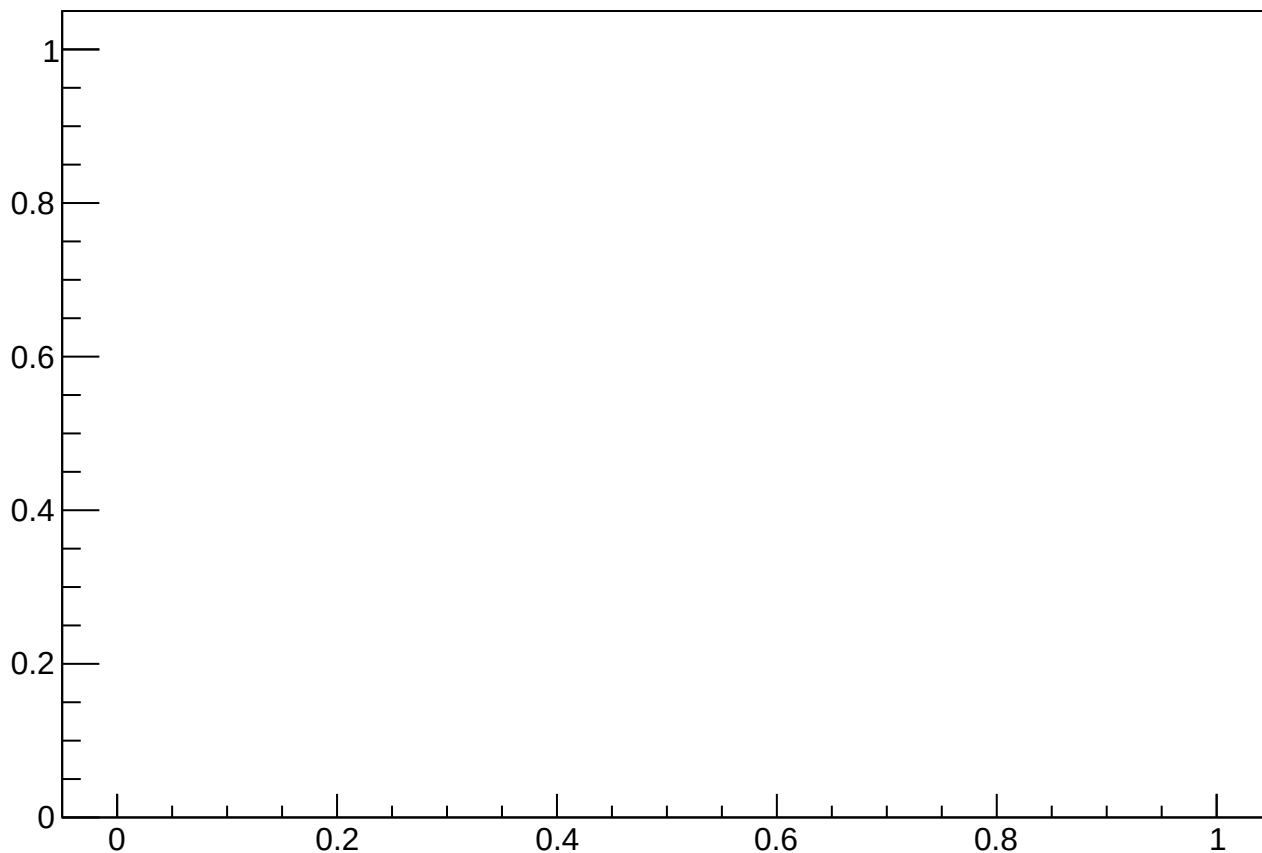
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

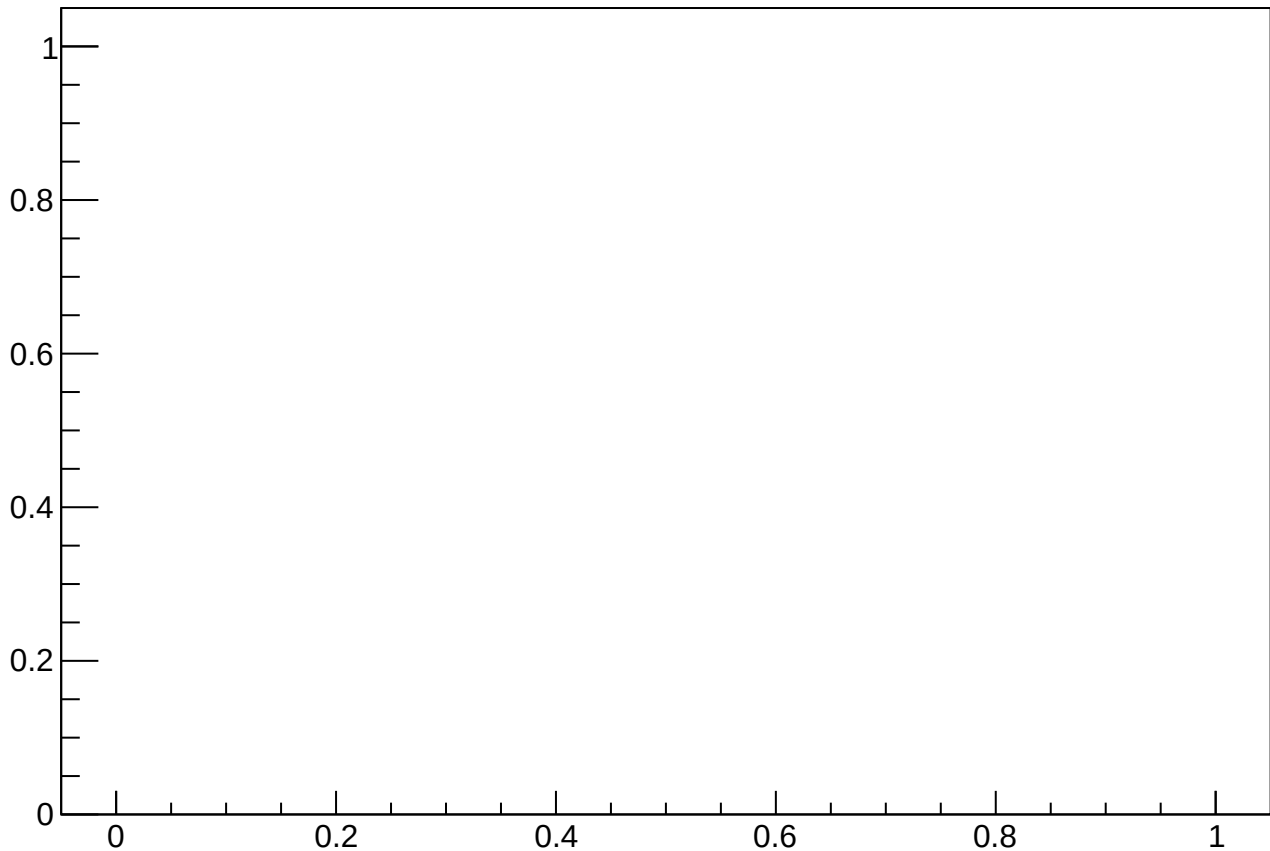
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

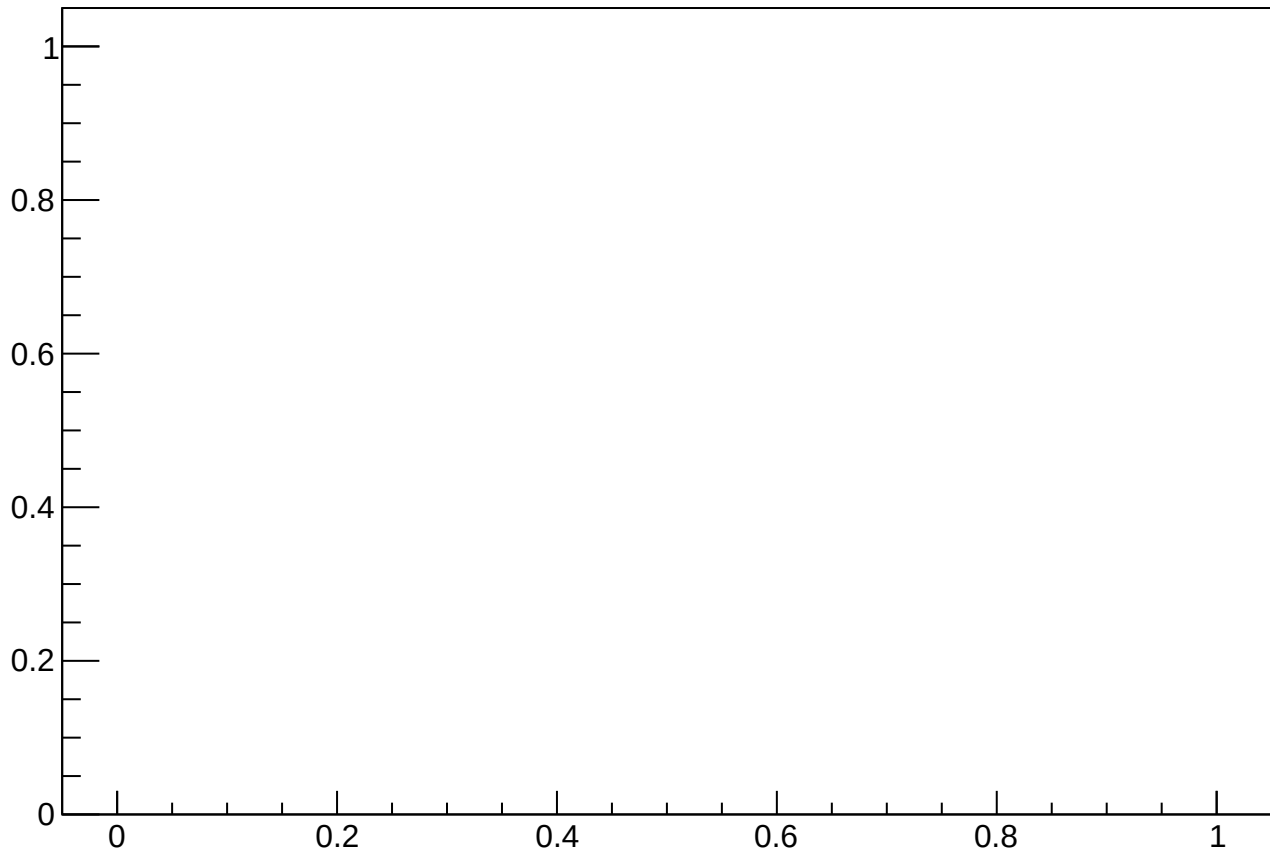
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

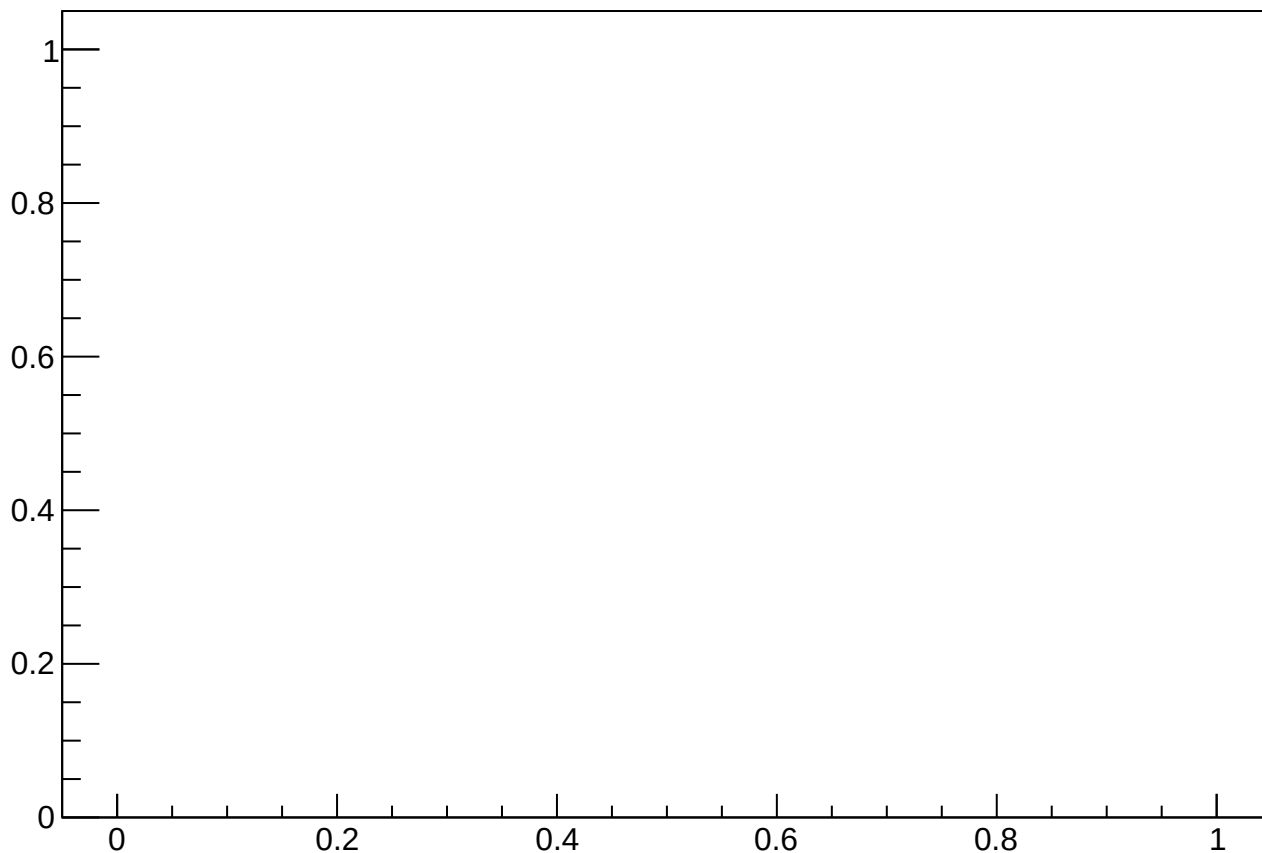
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

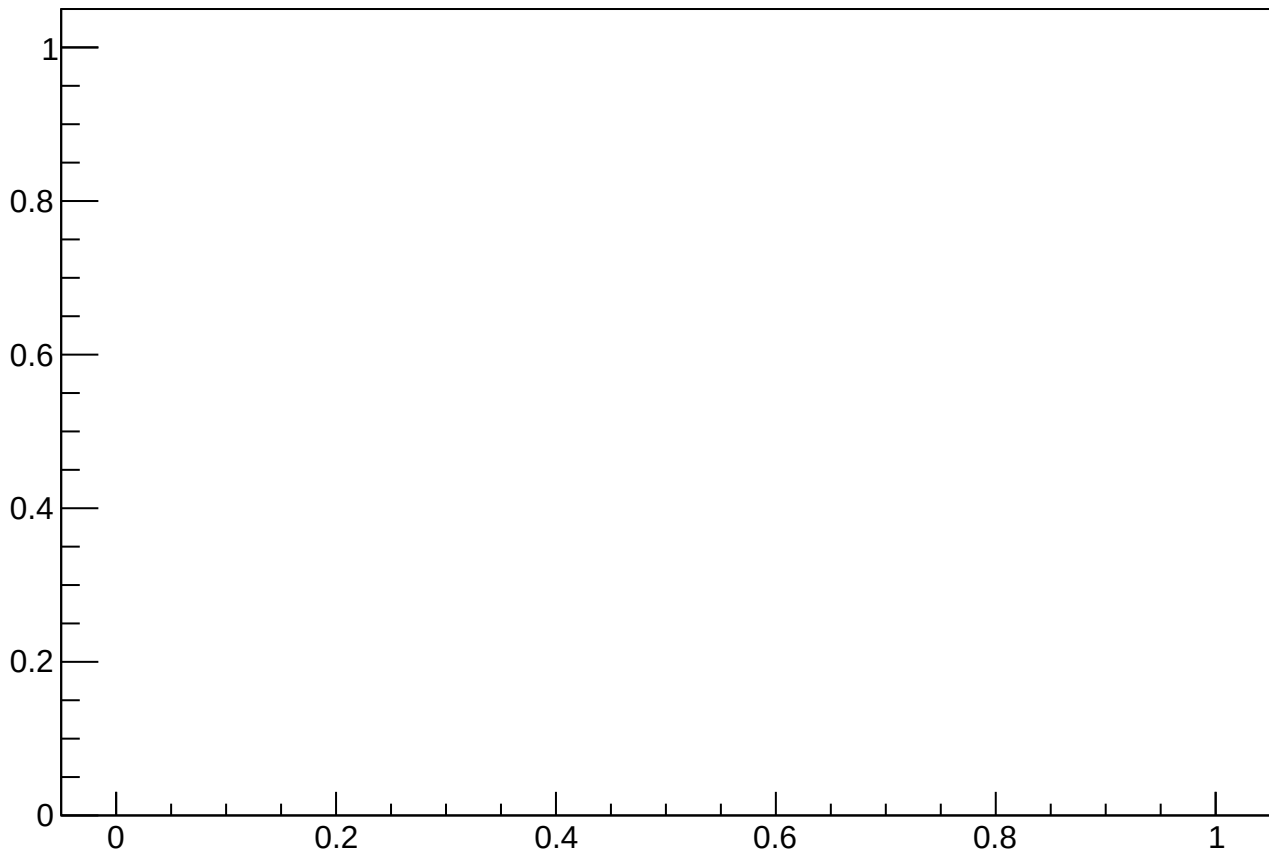
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

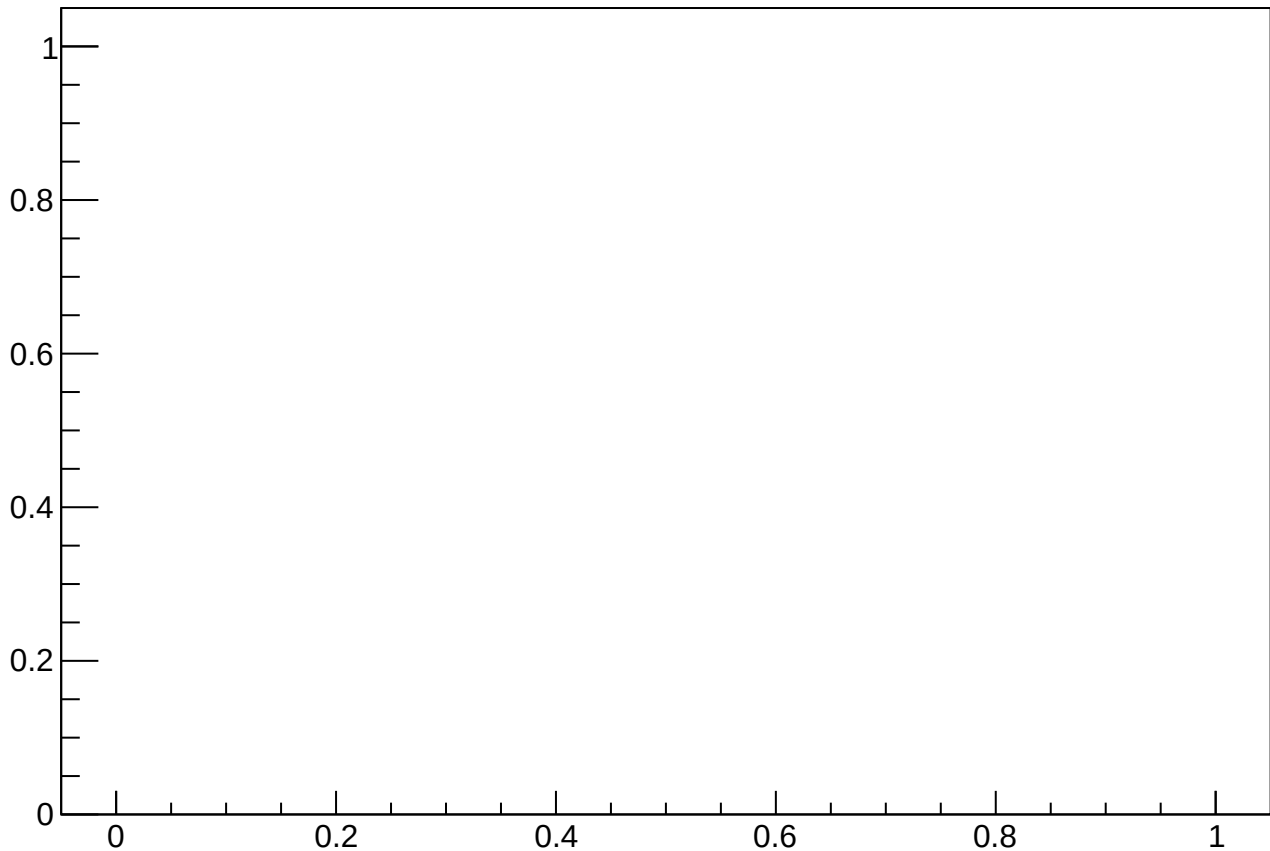
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

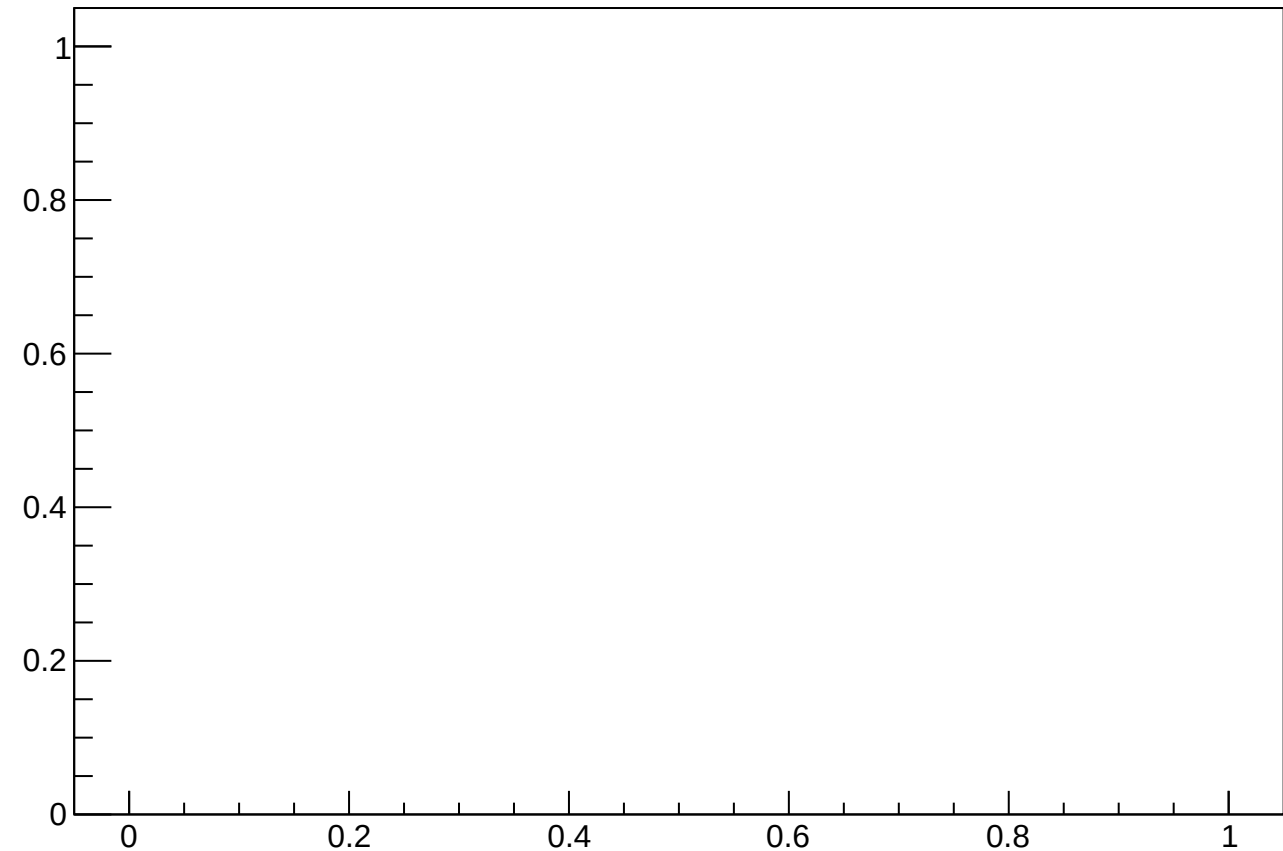
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

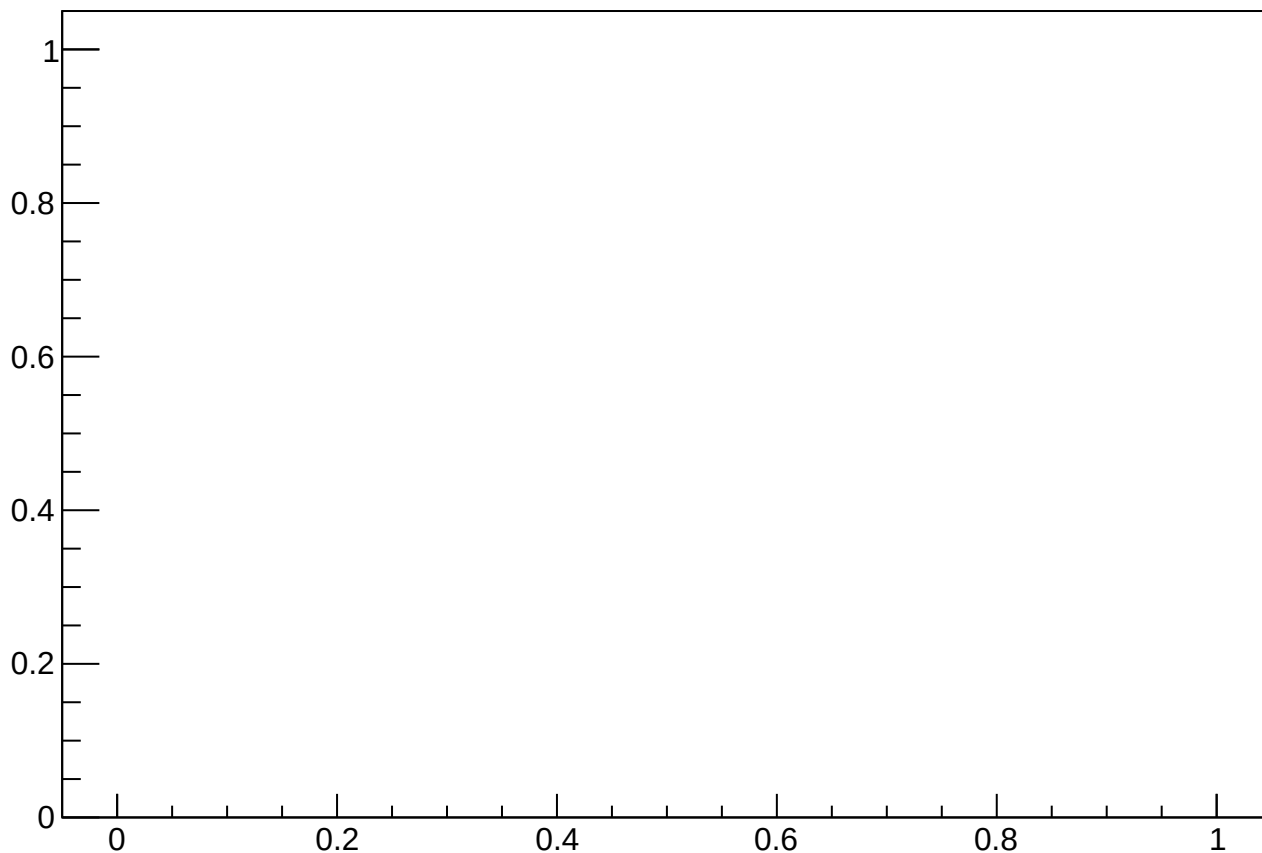
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

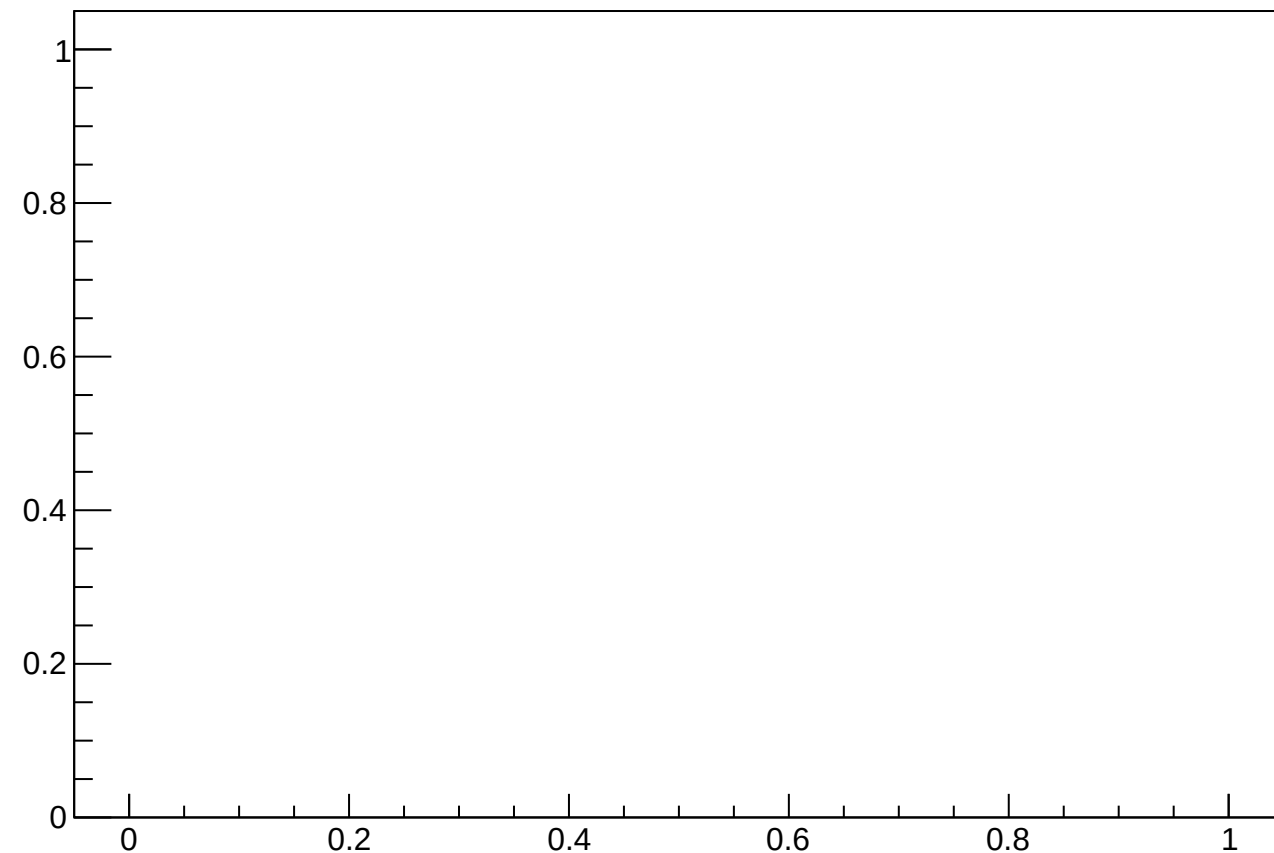
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

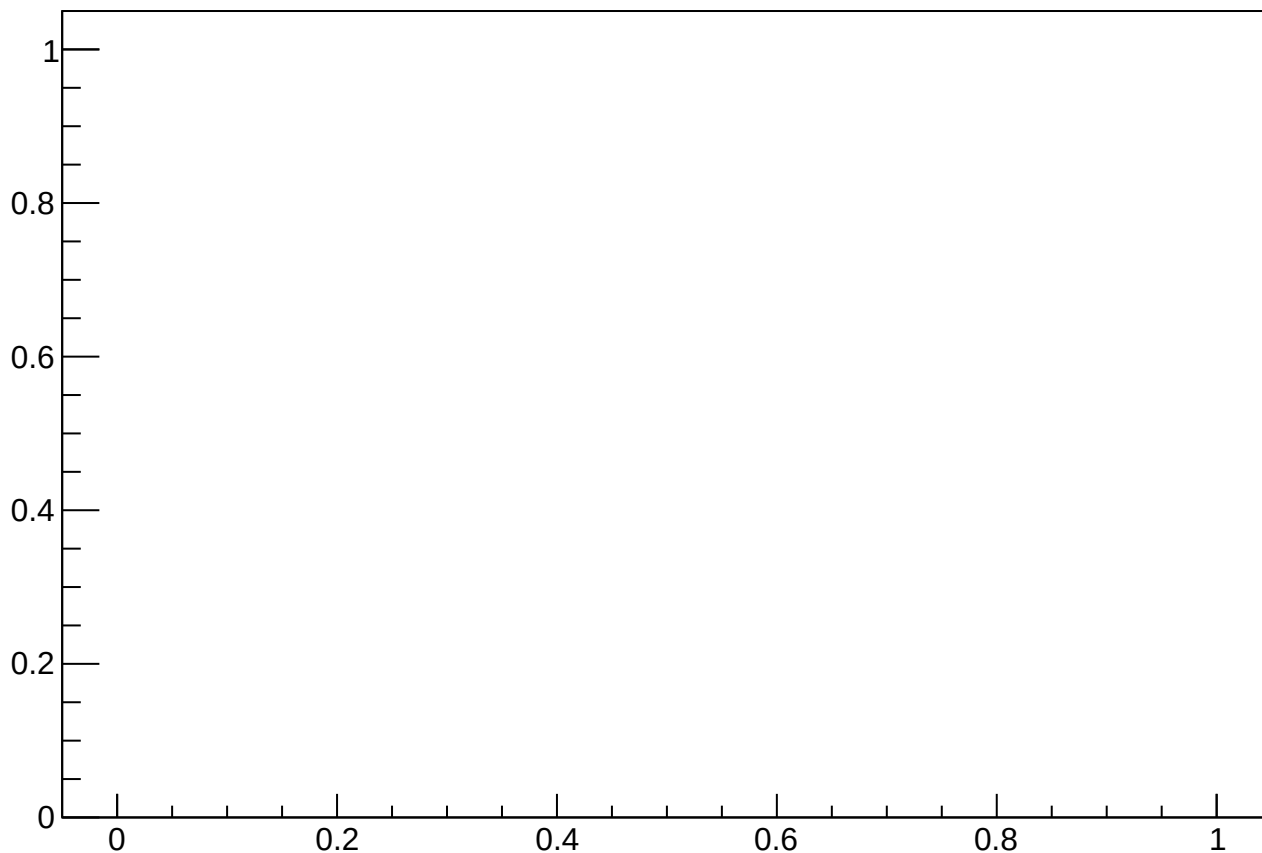
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

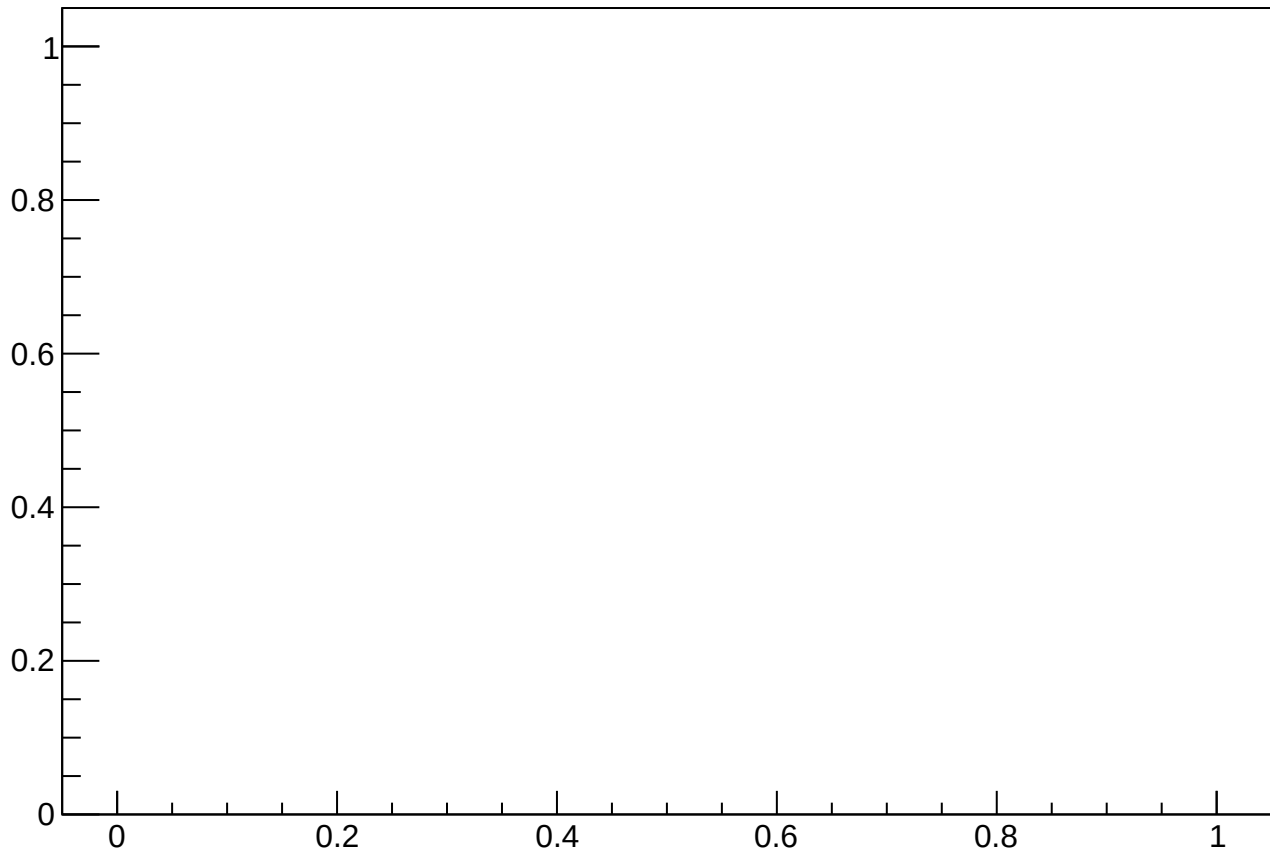
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

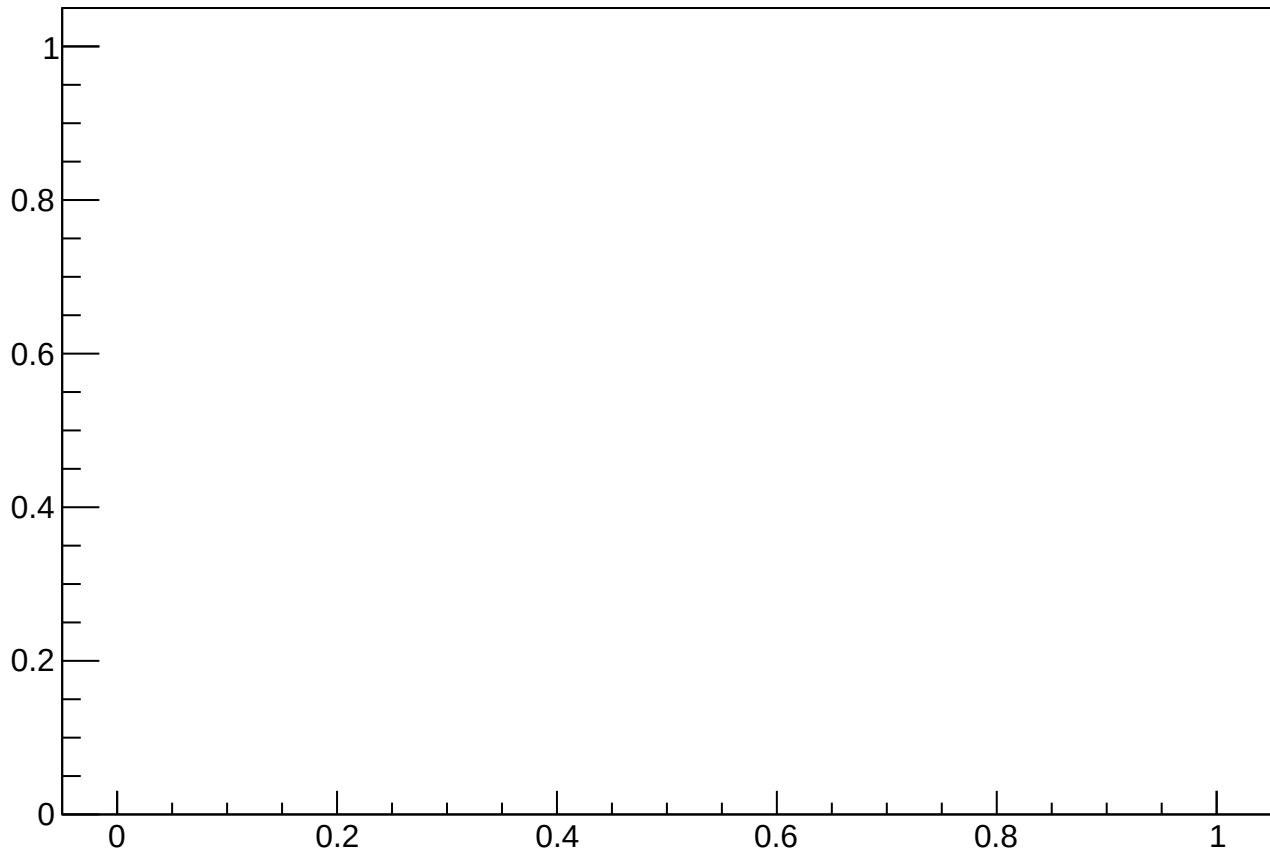
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

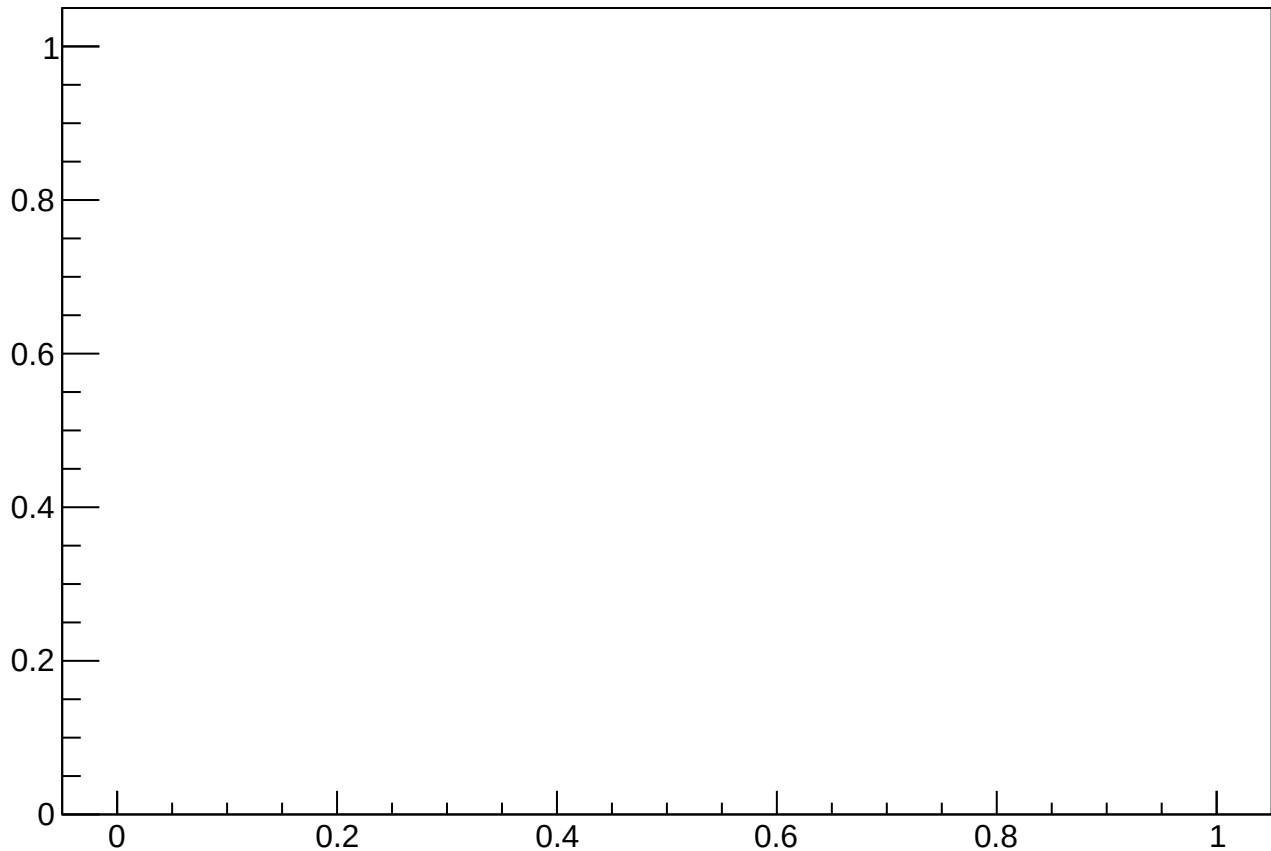
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

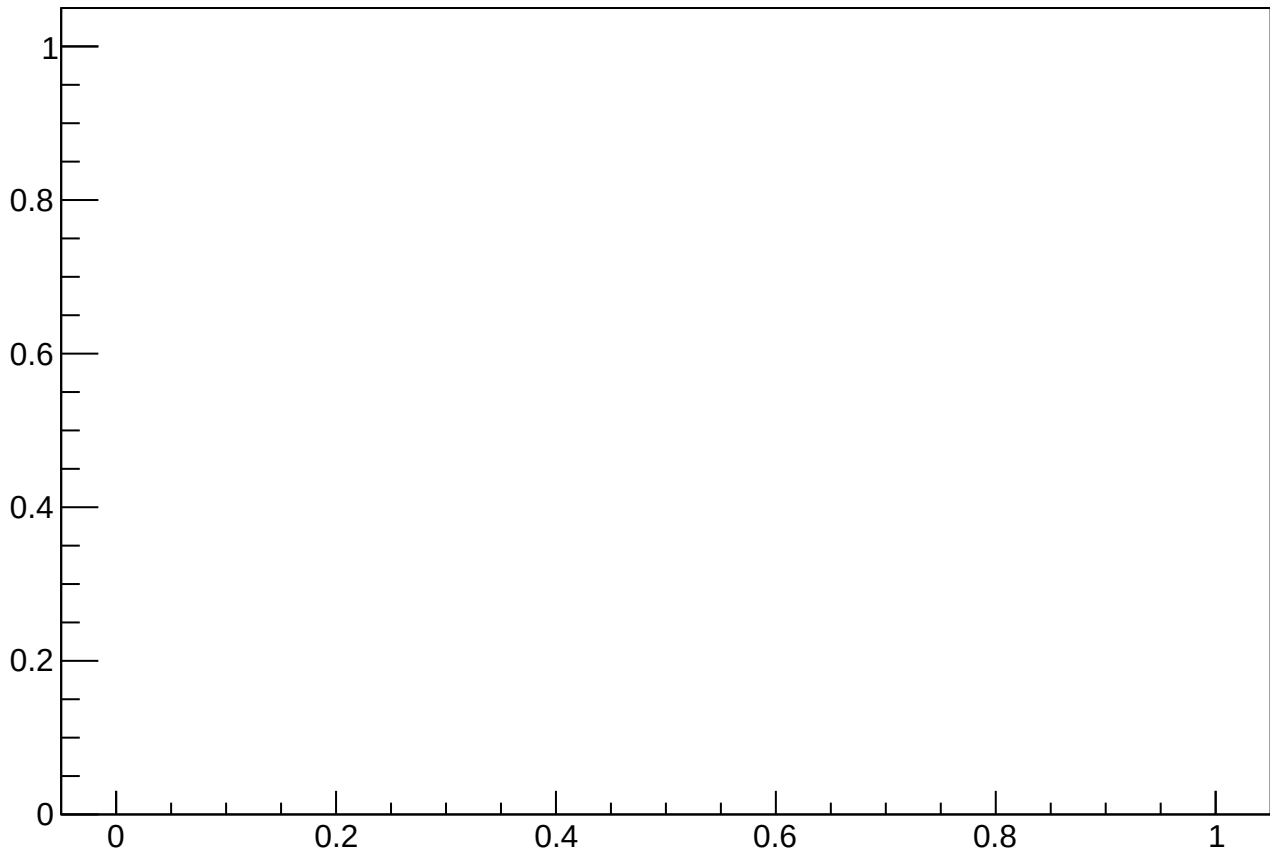
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

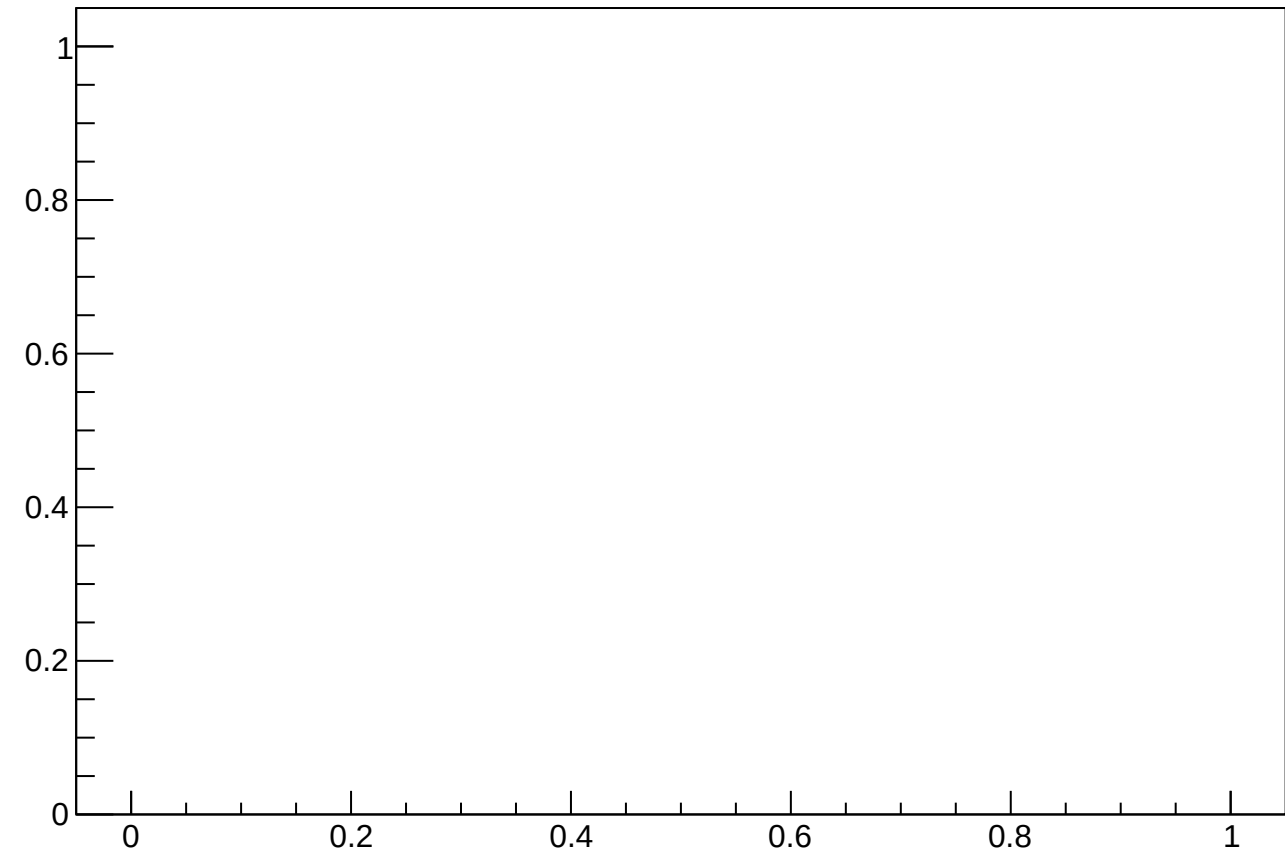
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

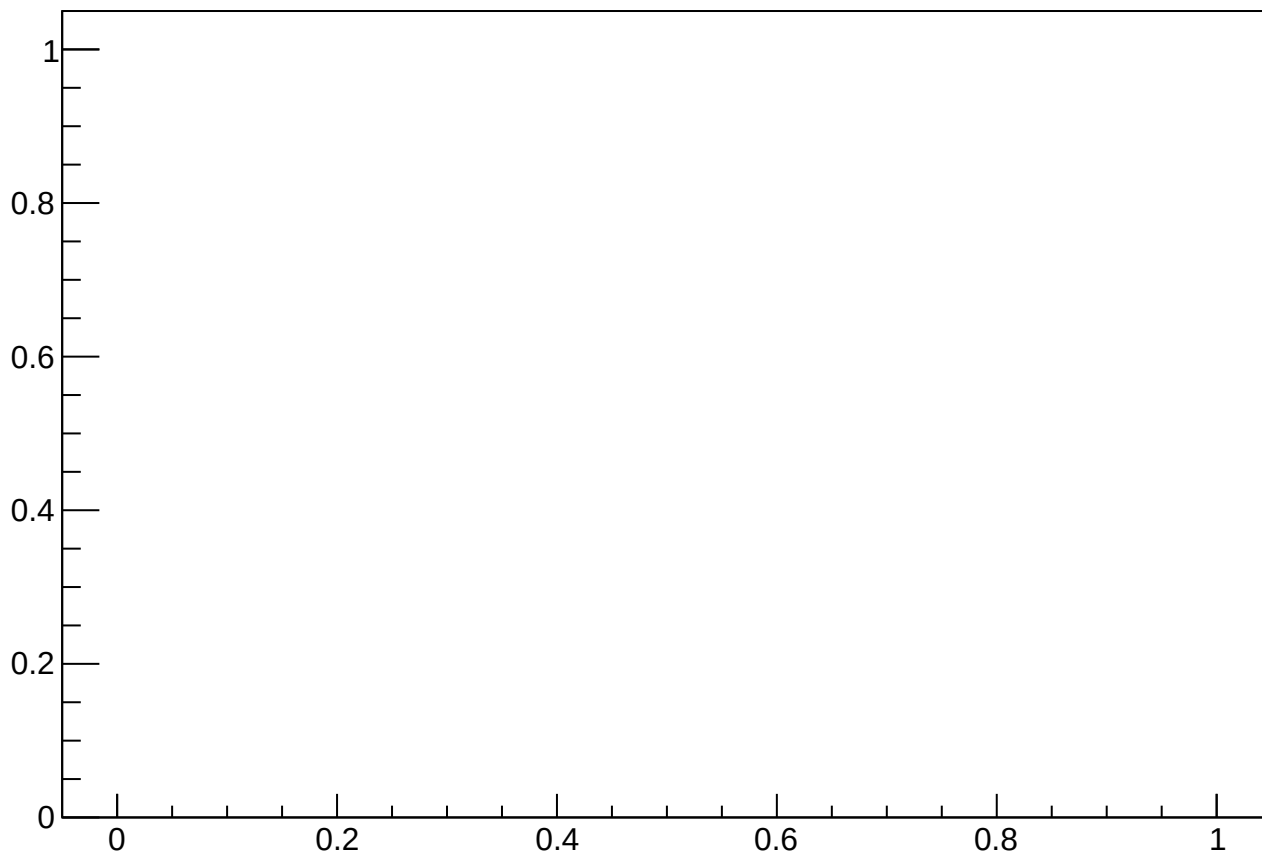
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

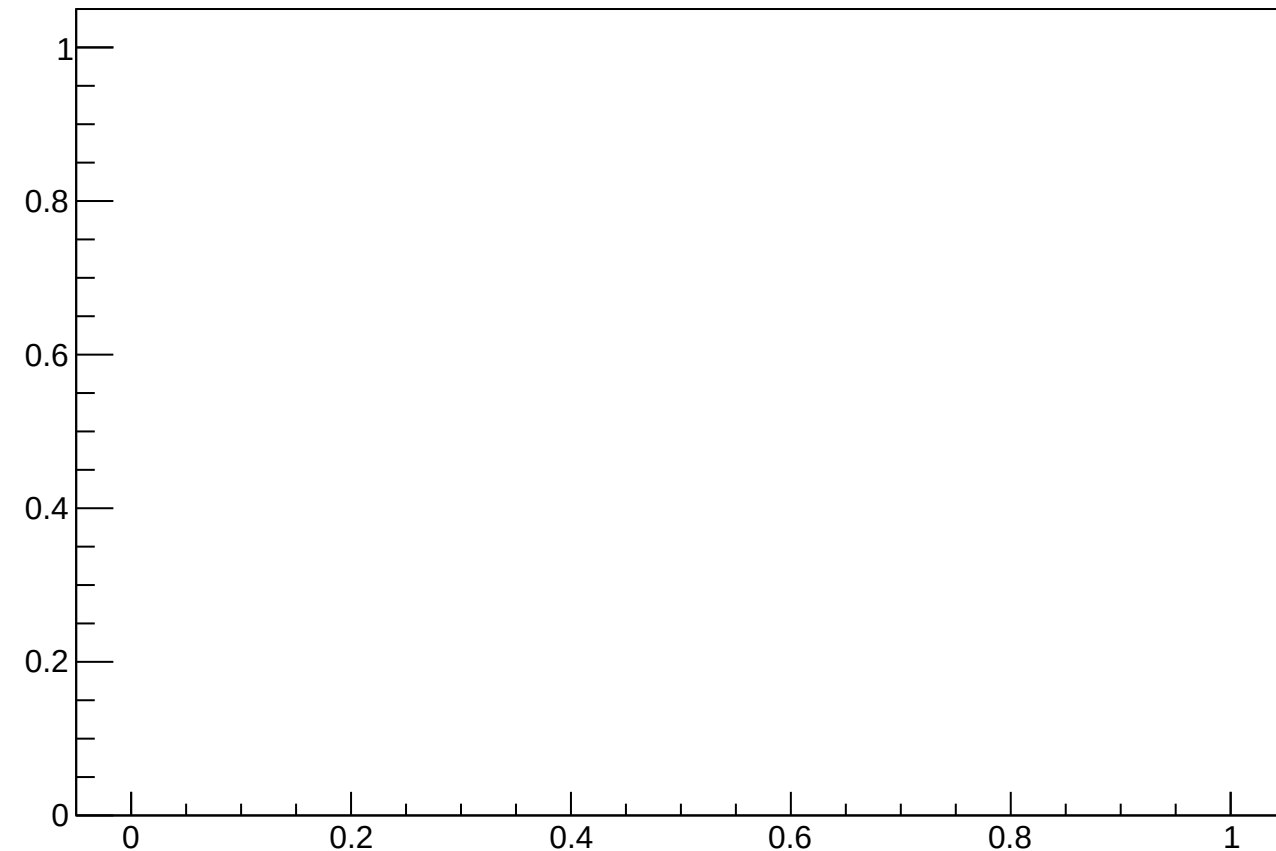
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

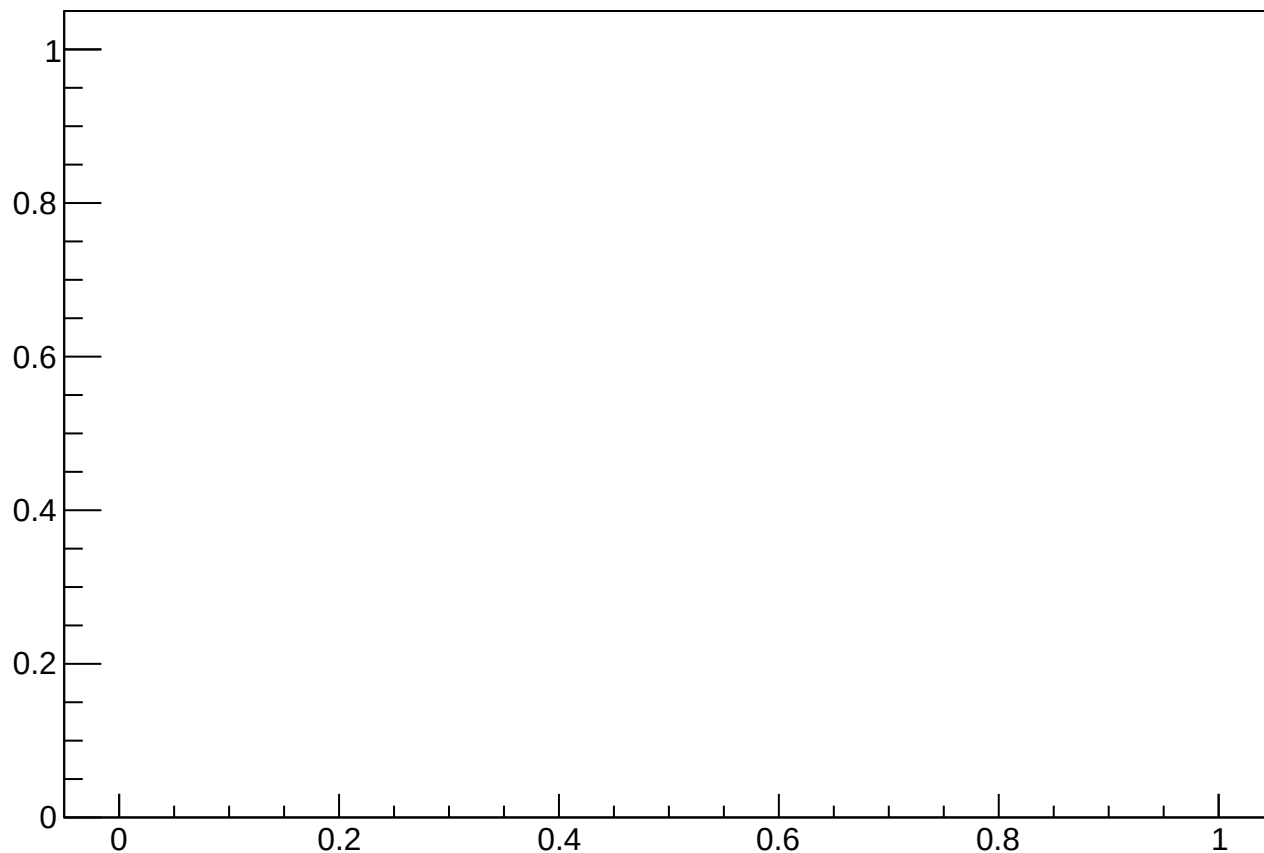
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_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 $\pm$ 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_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

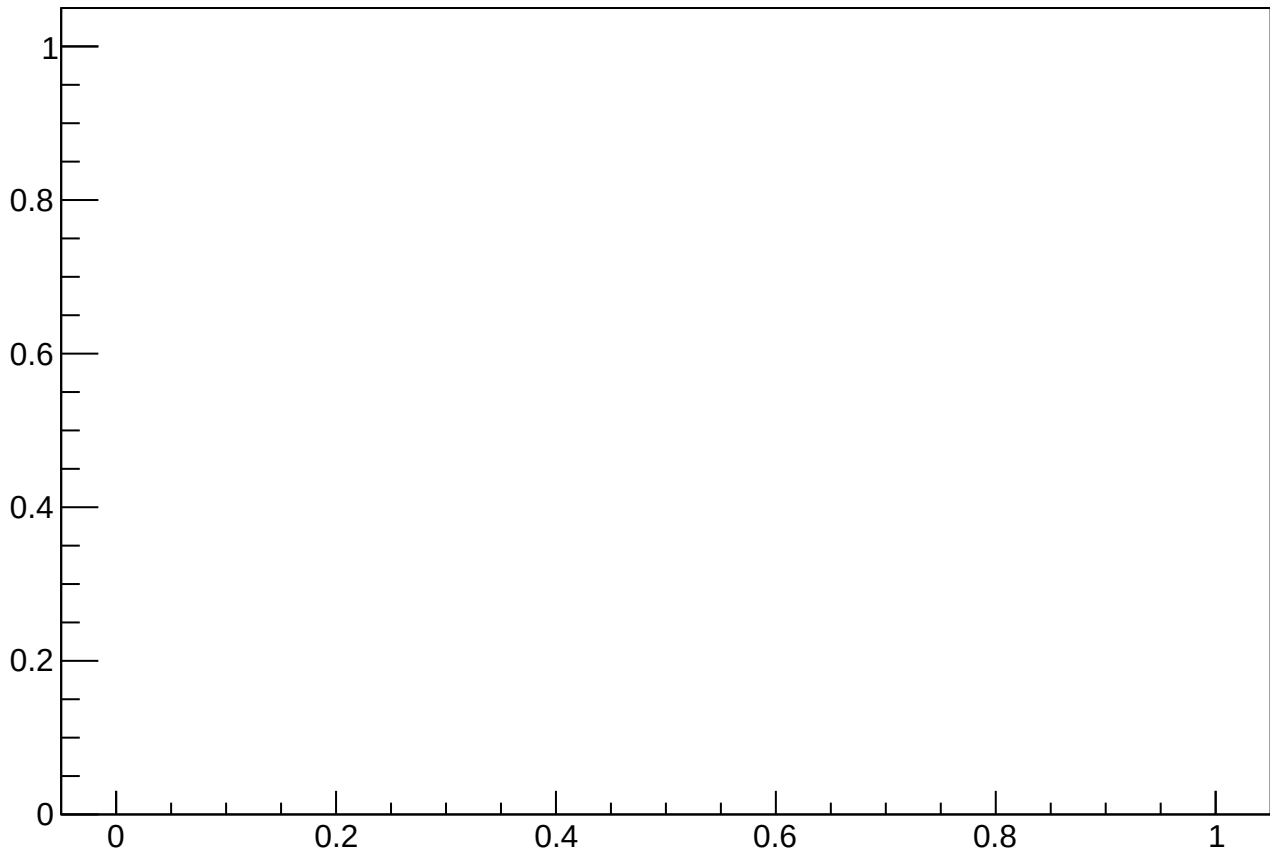
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

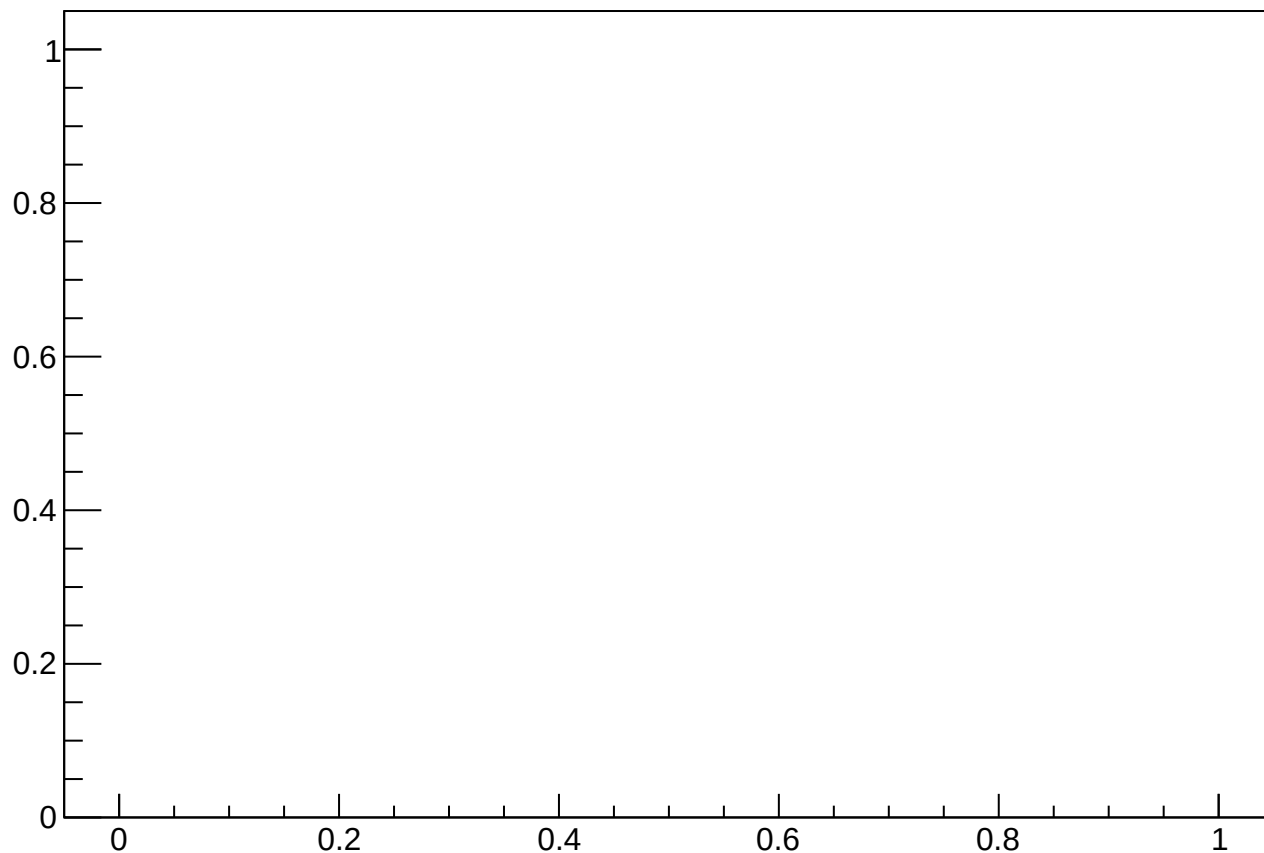
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

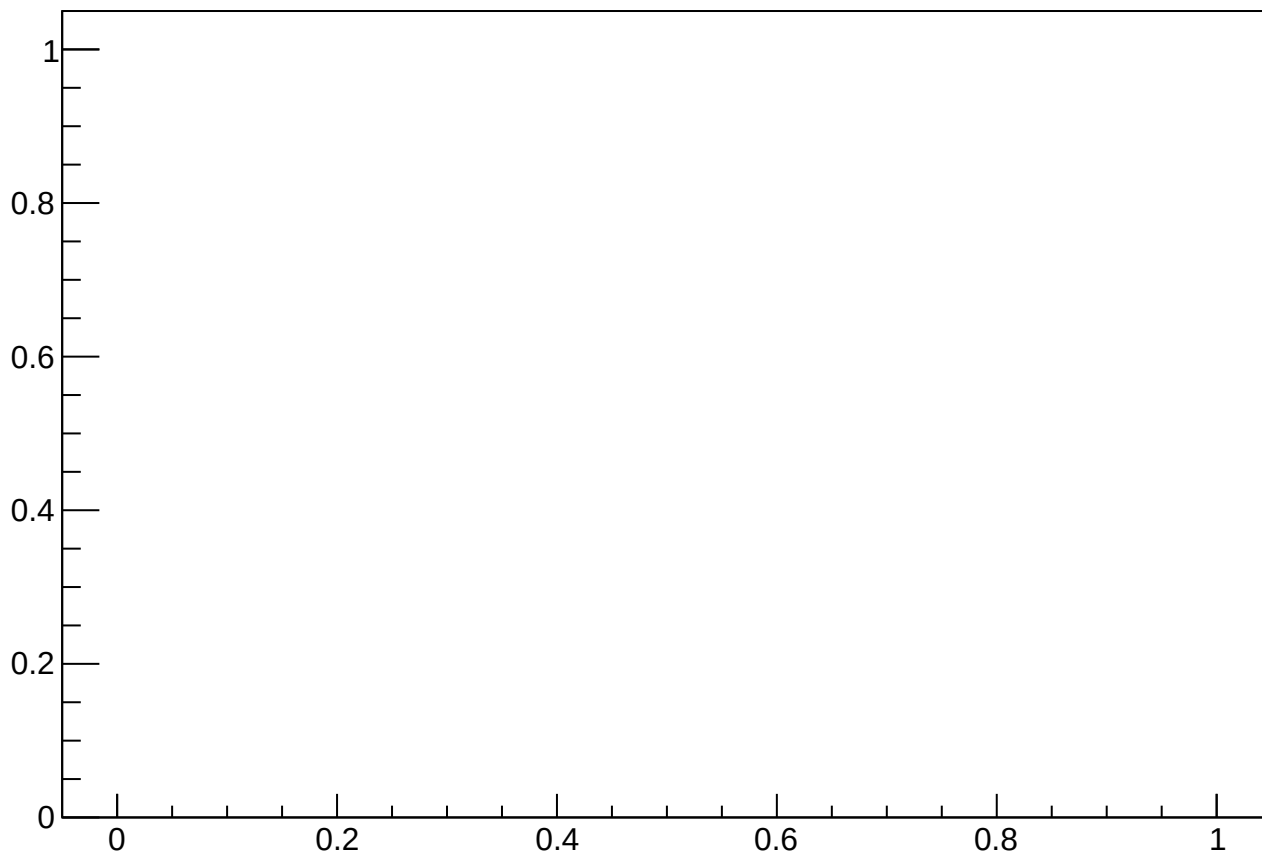
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

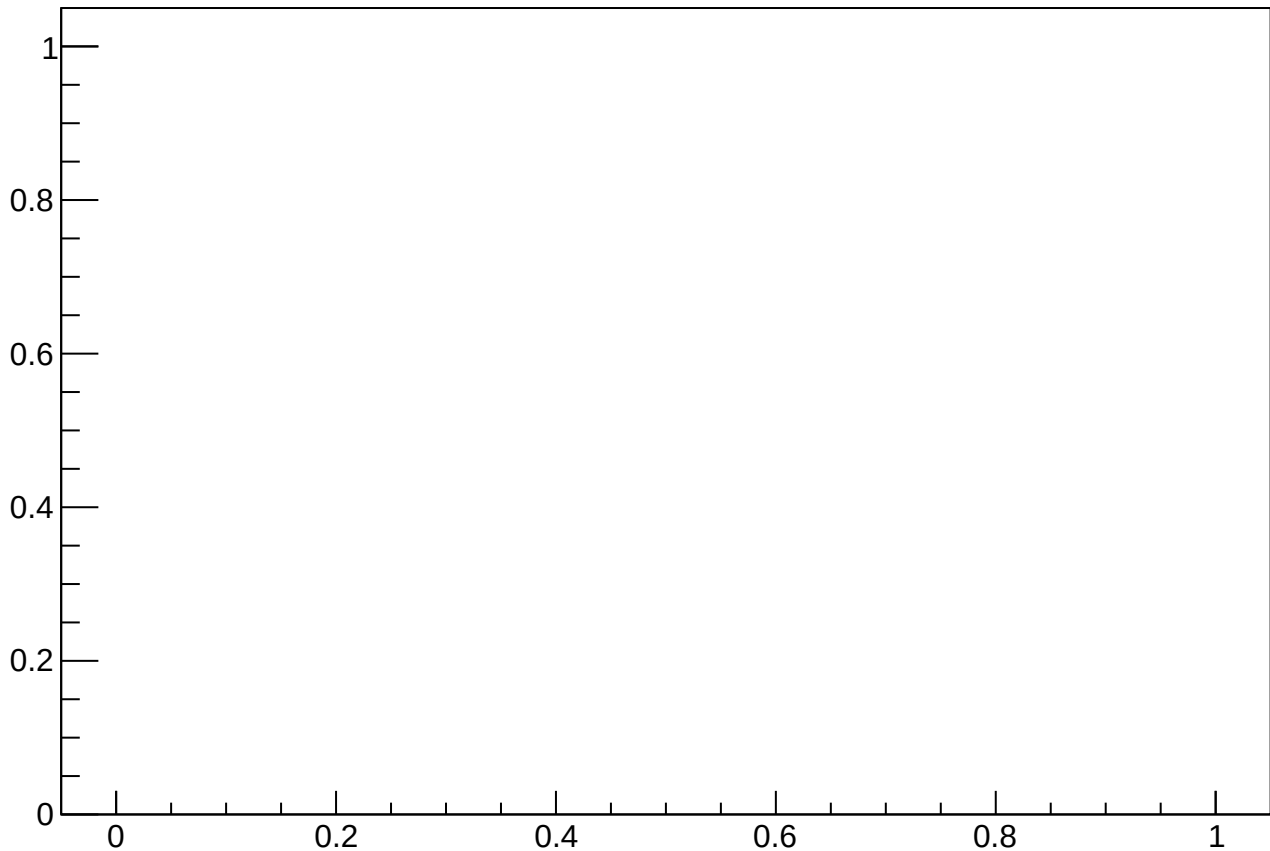
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

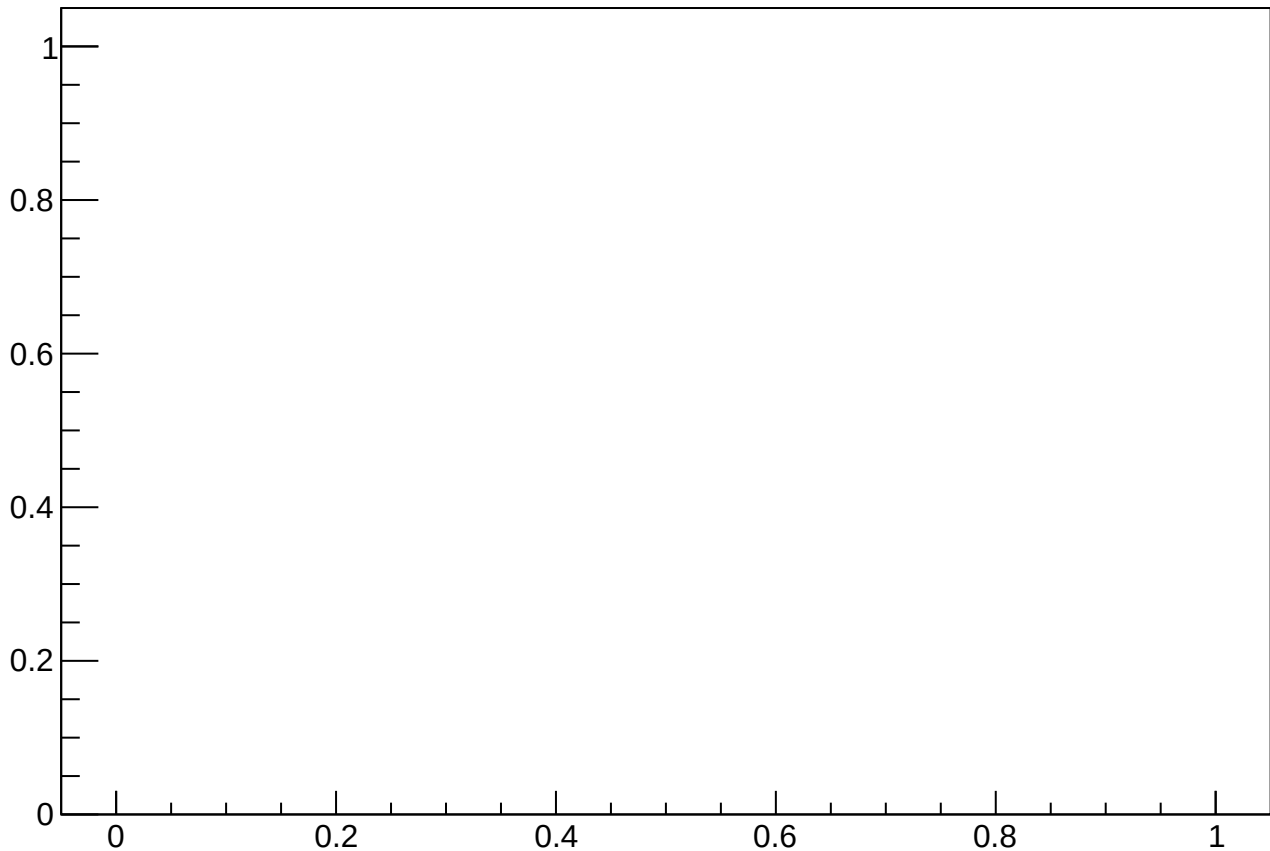
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

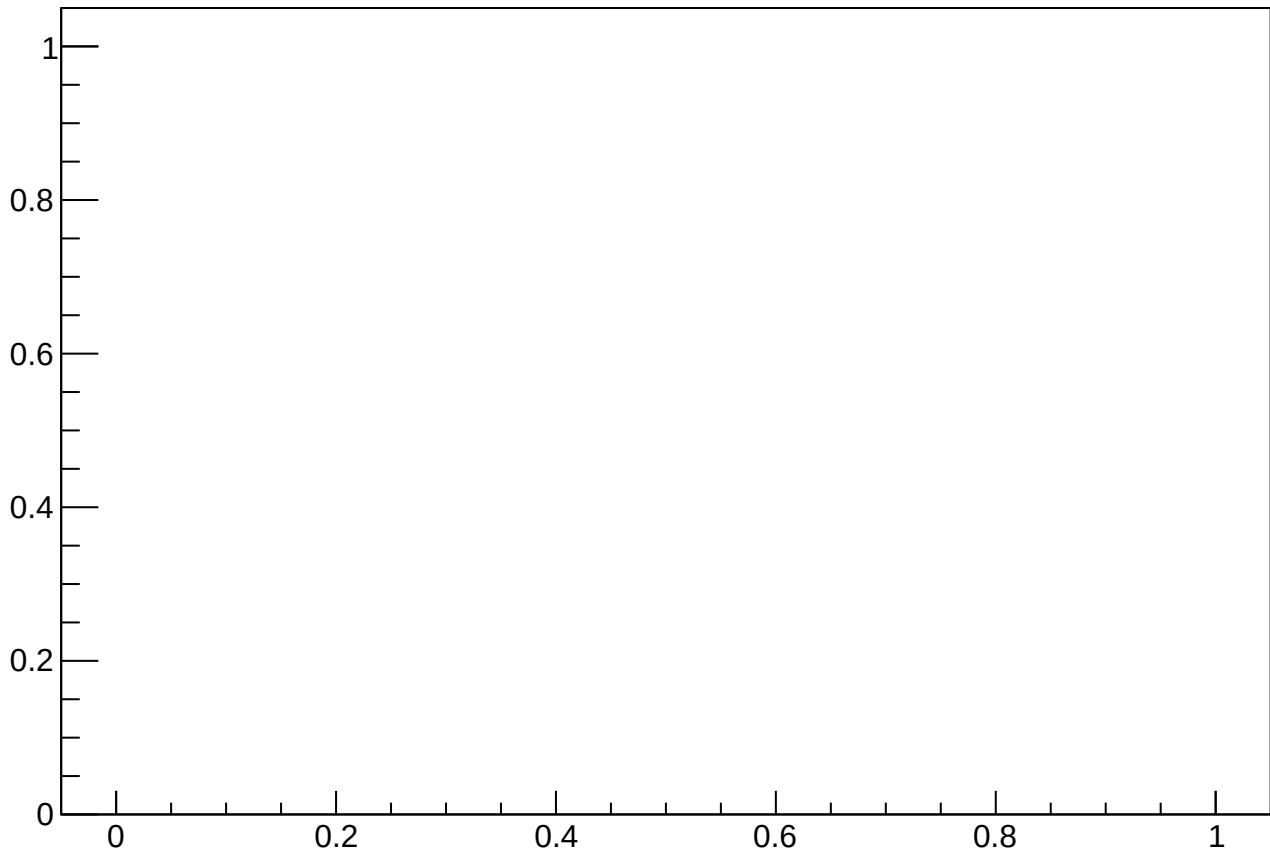
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

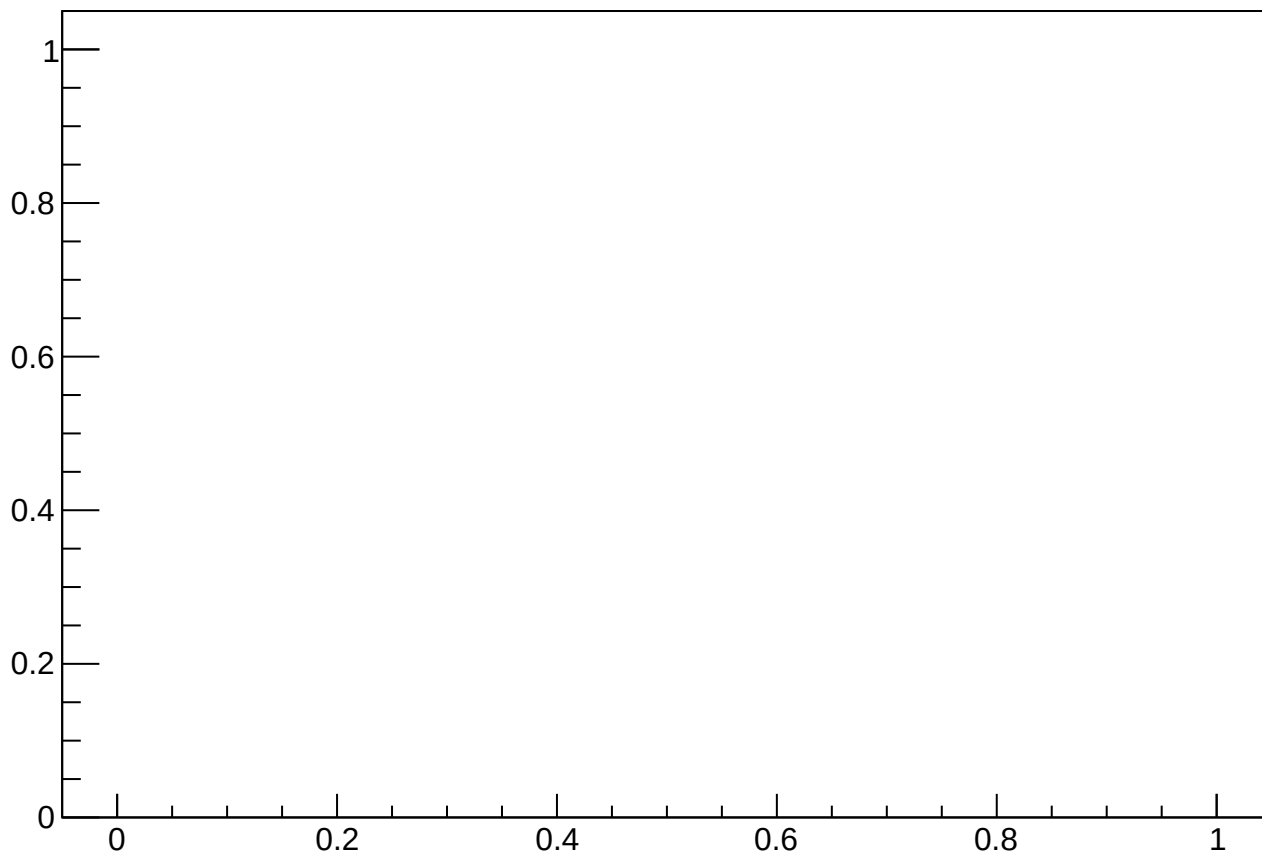
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

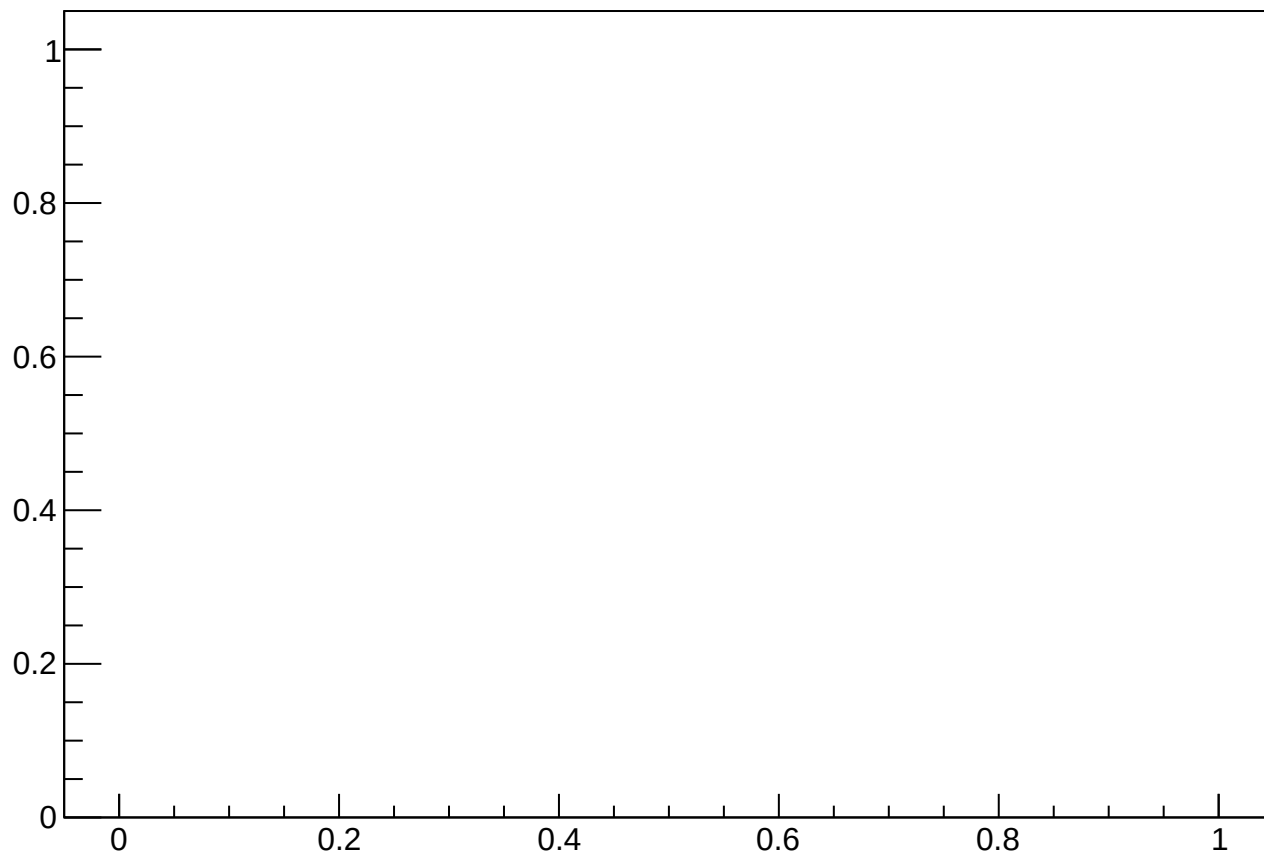
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_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

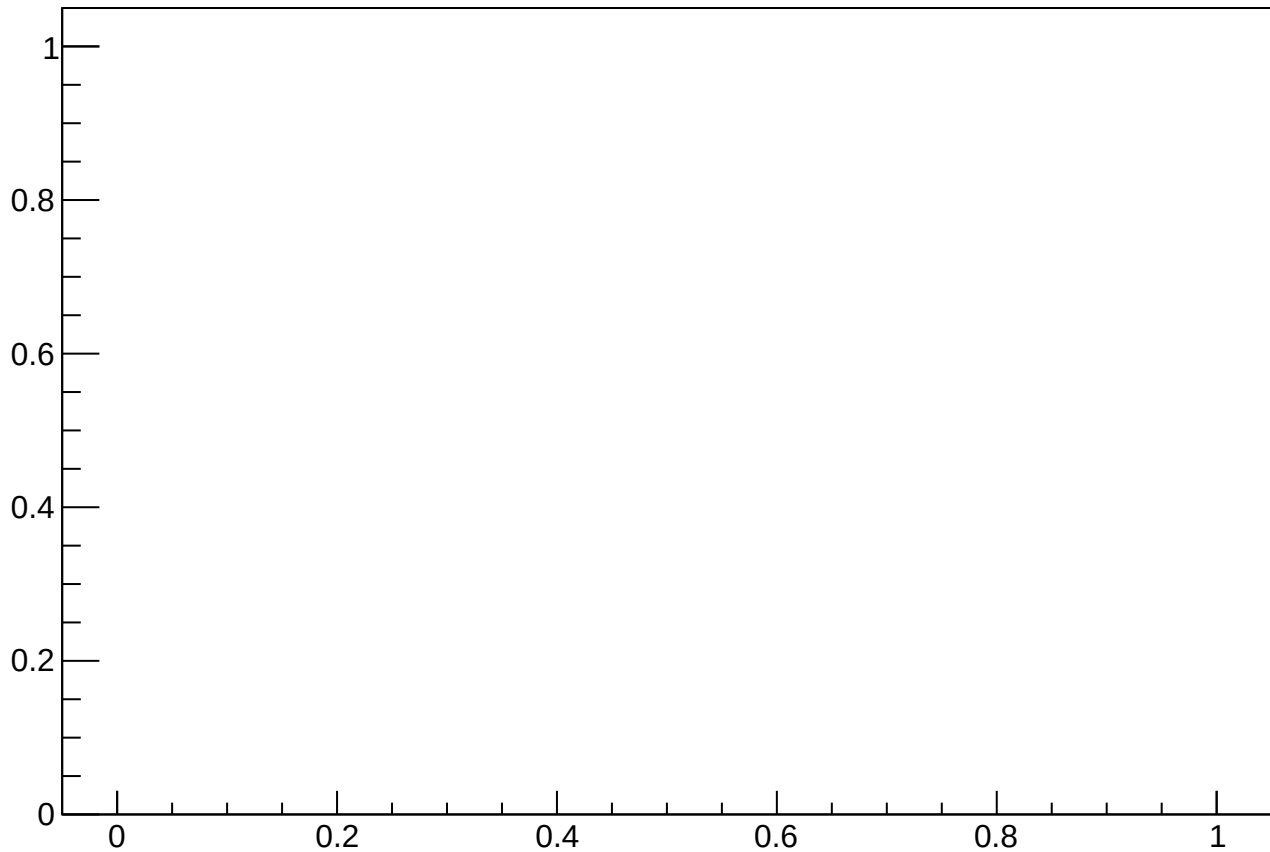
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

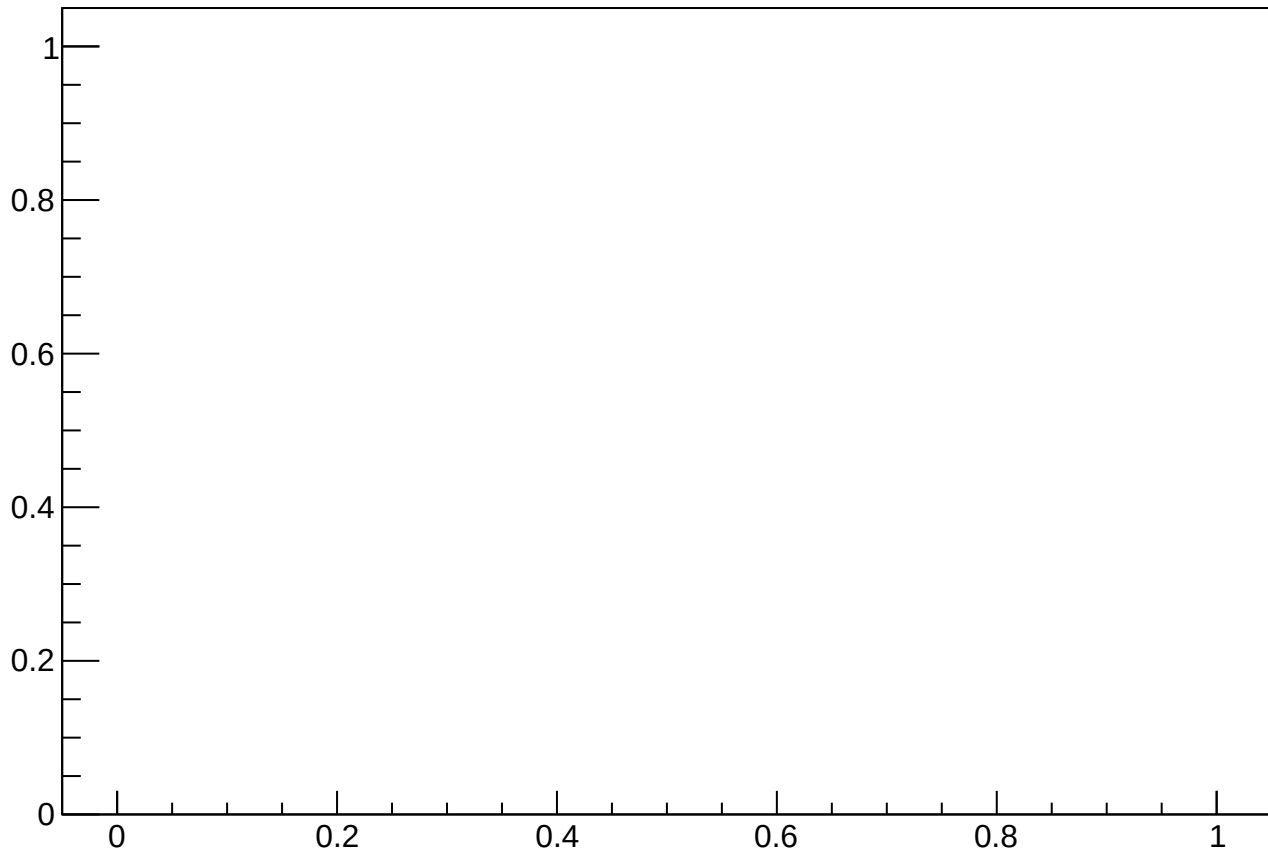
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

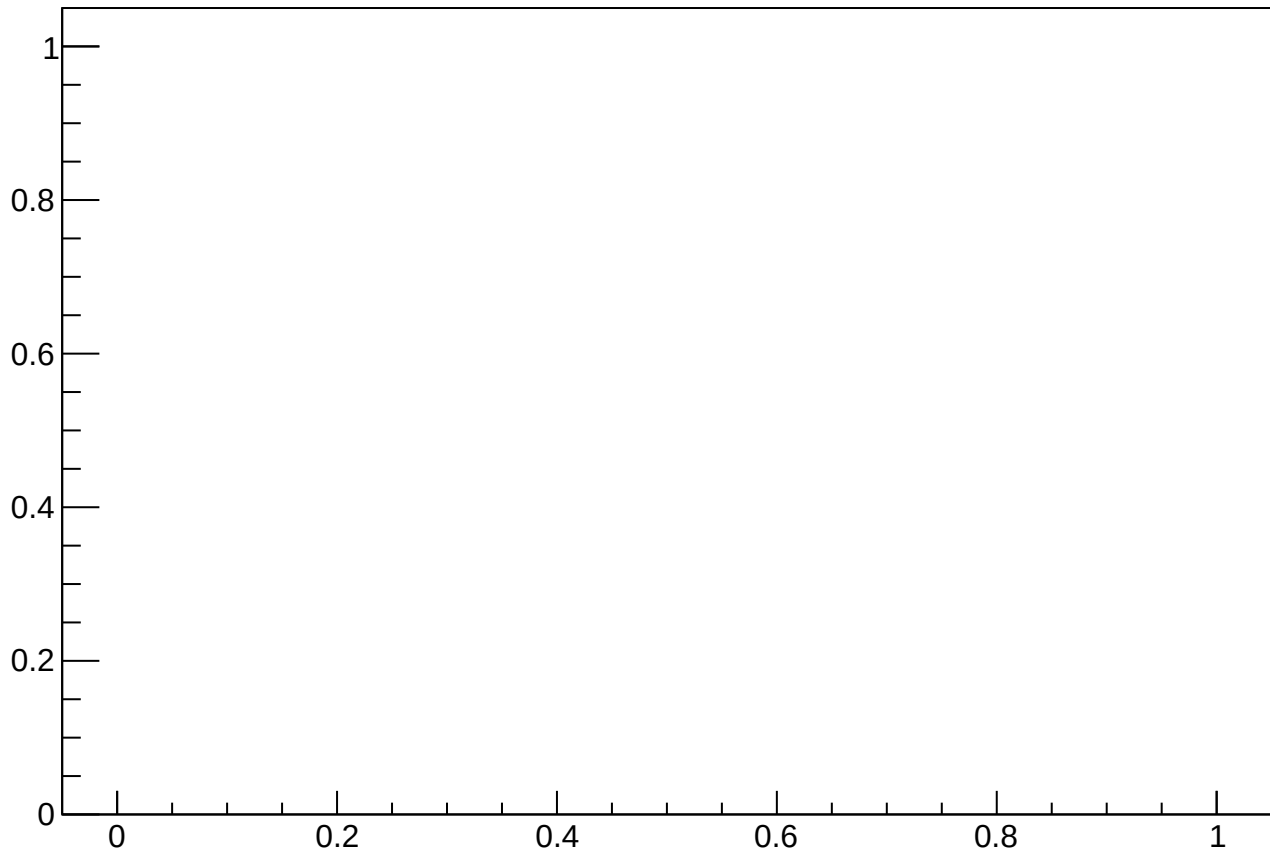
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

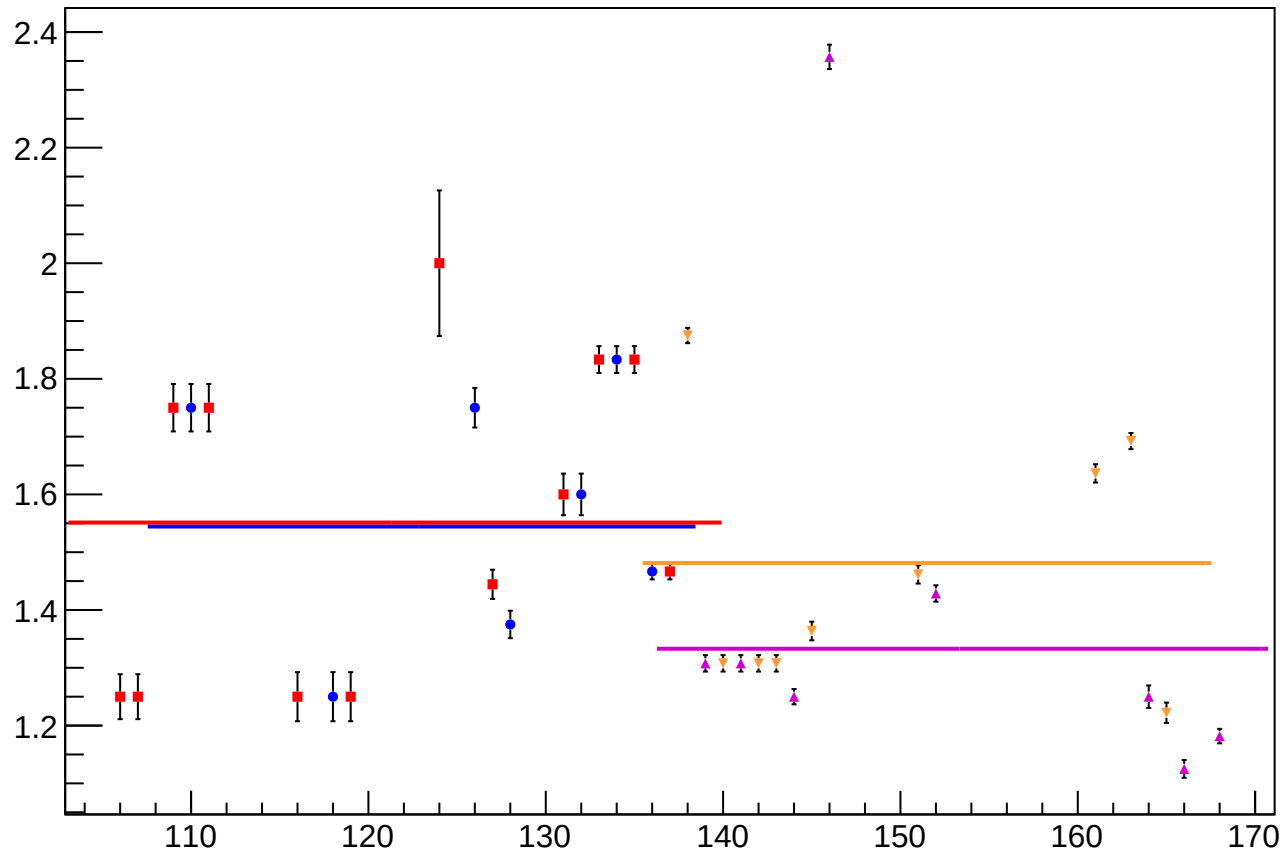
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Left: 1.412 +/- 0.004 χ^2/NDF : 5151.9/16

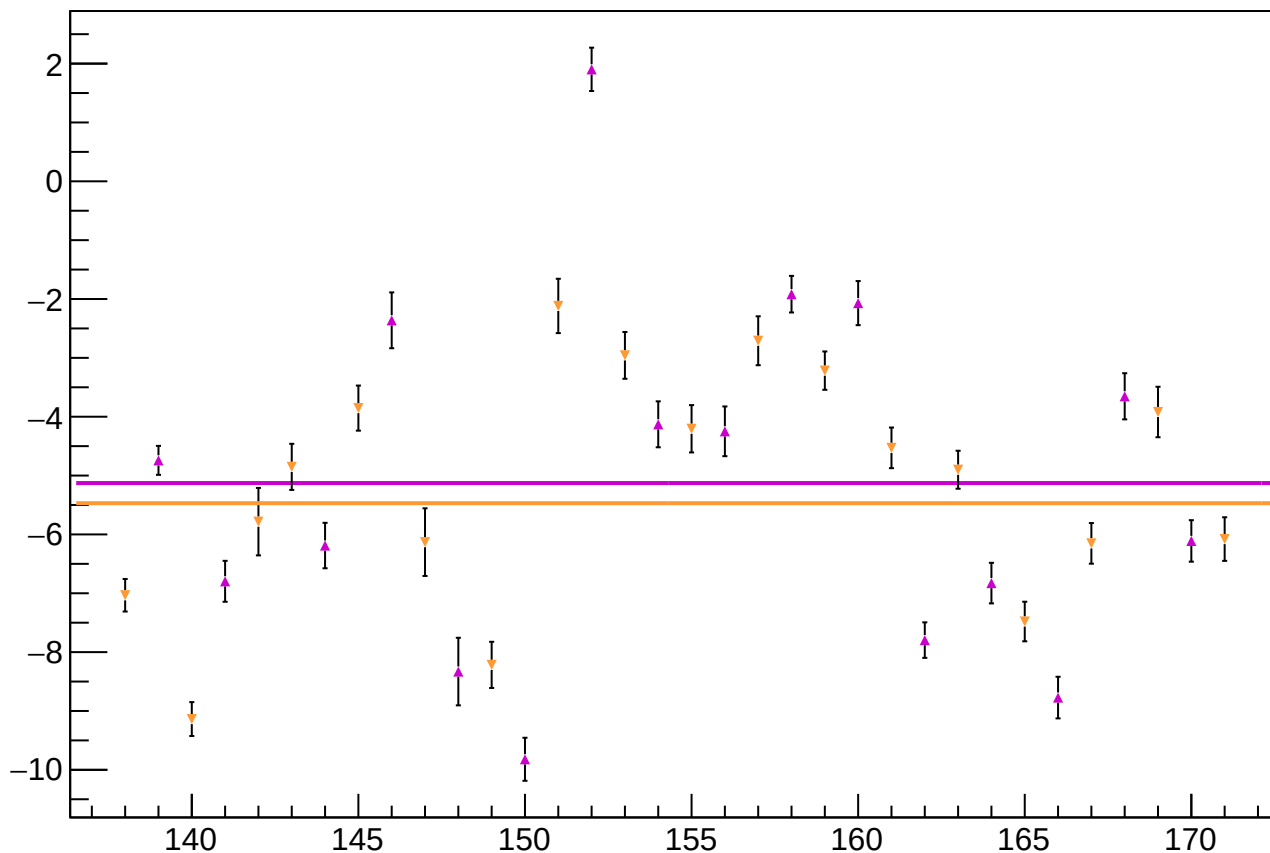
Right: 1.548 +/- 0.006 χ^2/NDF : 983.5/18

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: -5.469+/-0.087 χ^2/NDF :525.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.127+/-0.089 χ^2/NDF :1041.8/15

Left: -5.302+/-0.062 χ^2/NDF : 1574.7/33

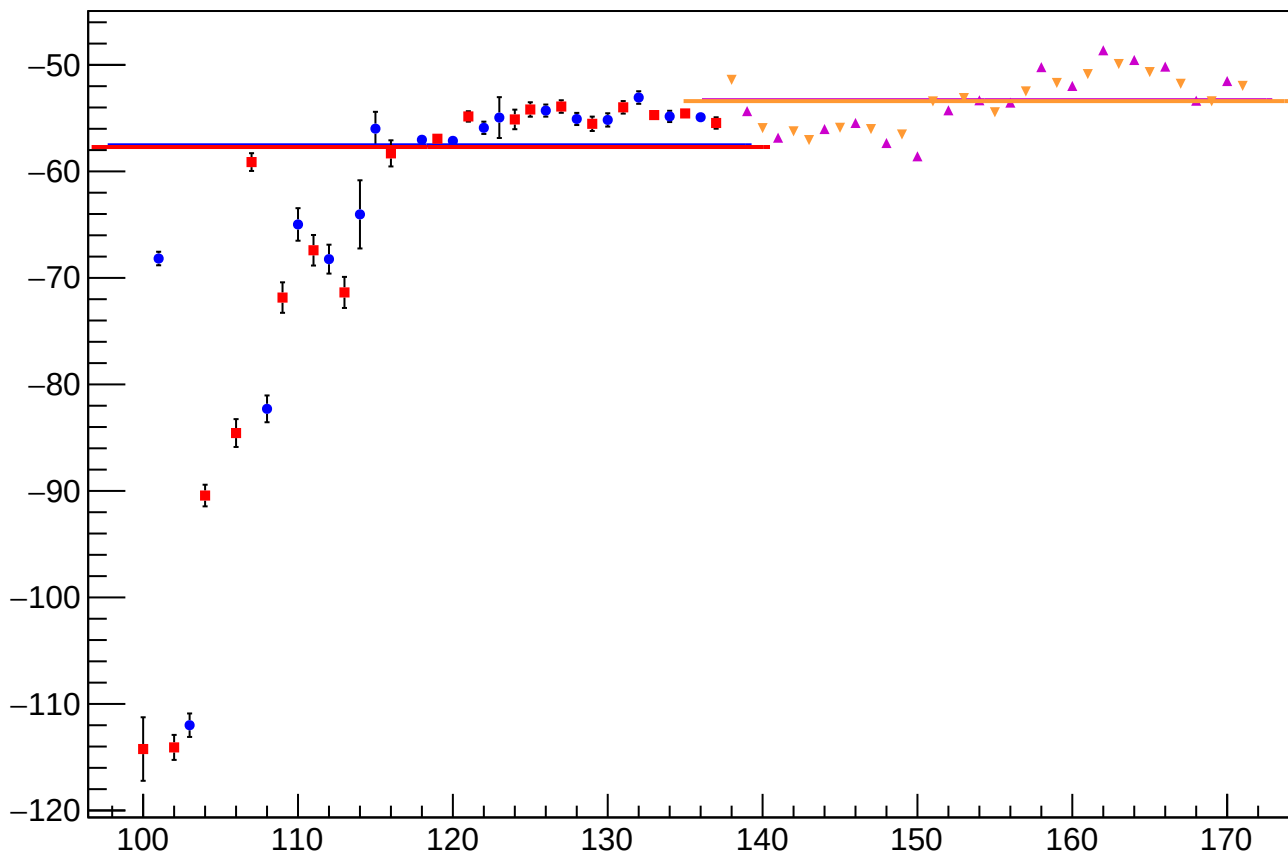
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.127+/-0.089 χ^2/NDF :1041.8/15

Out: -5.469+/-0.087 χ^2/NDF :525.4/17

All: -5.302+/-0.062 χ^2/NDF : 1574.7/33

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.401 ± 0.065 χ^2/NDF : 1221.1/17

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -53.312 ± 0.069 χ^2/NDF : 1921.9/15

Left: -53.359 ± 0.047 χ^2/NDF : 3143.8/33

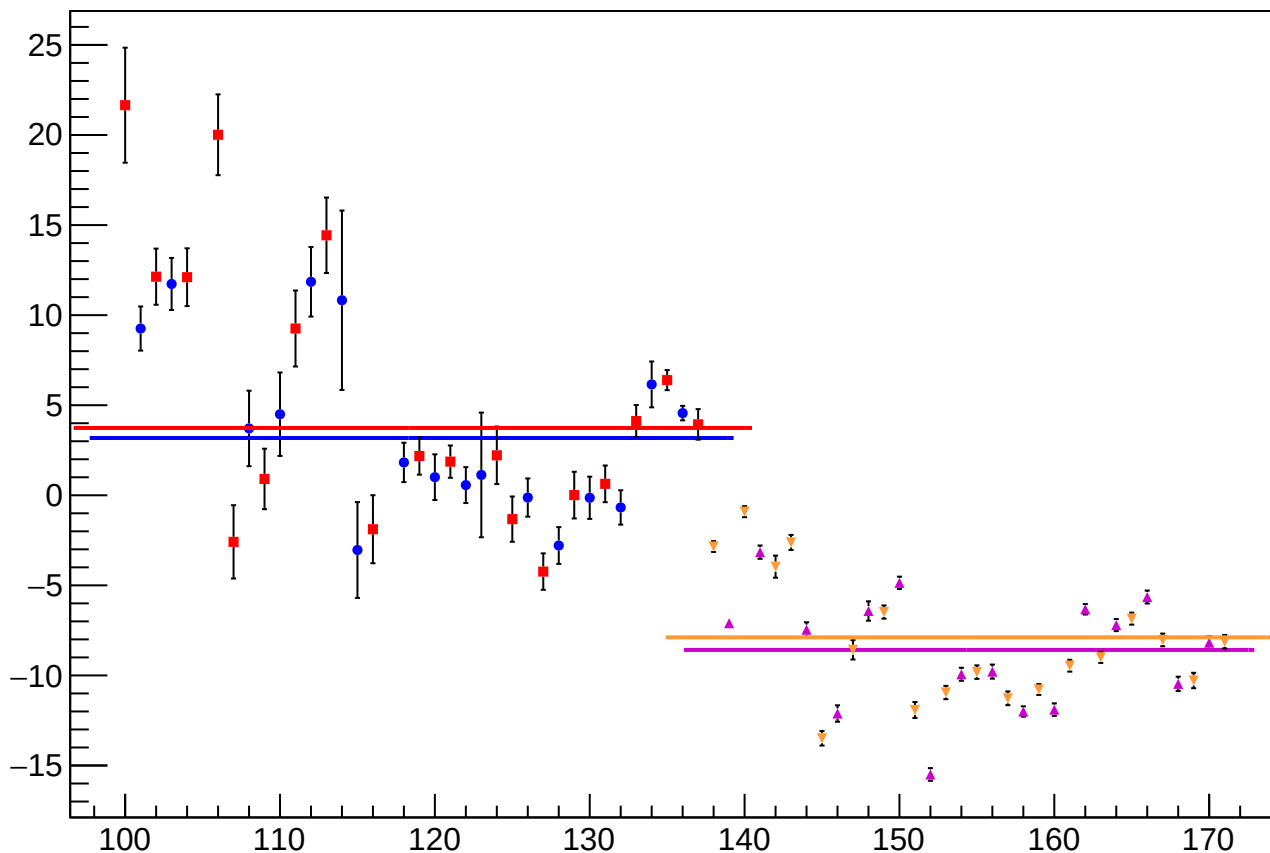
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -54.123 ± 0.062 χ^2/NDF : 6106.3/32

Out: -54.147 ± 0.059 χ^2/NDF : 6678.3/36

All: -54.136 ± 0.043 χ^2/NDF : 12784.7/69

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181+/-0.258 χ^2/NDF : 185.2/16

Left Out: -7.886+/-0.087 χ^2/NDF :1632.6/17

Right Out: 3.738+/-0.267 χ^2/NDF : 320.9/18

Left In: -8.584+/-0.088 χ^2/NDF :1256.5/15

Left: -8.230+/-0.062 χ^2/NDF : 2921.2/33

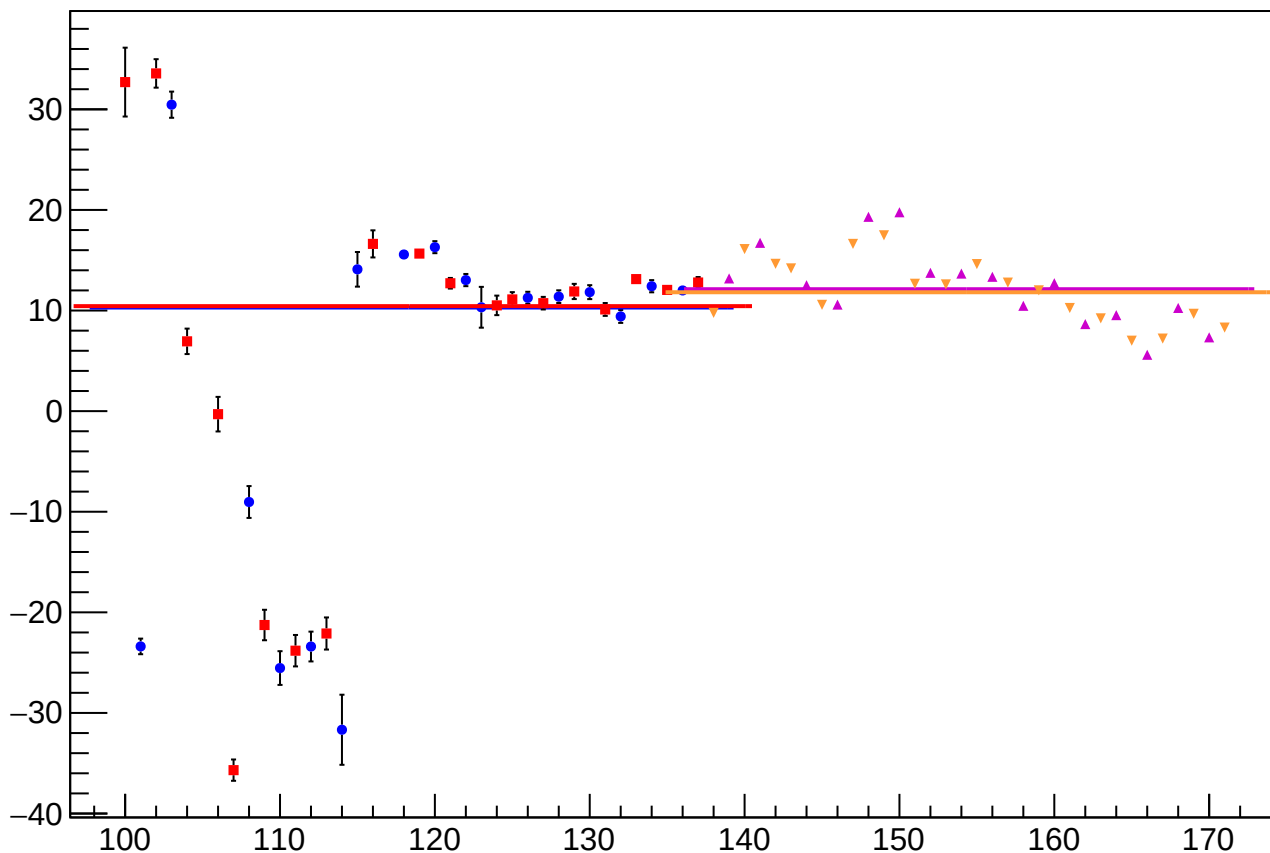
Right: 3.450+/-0.186 χ^2/NDF : 508.4/35

In: -7.361+/-0.083 χ^2/NDF :3305.2/32

Out: -6.781+/-0.082 χ^2/NDF :3669.7/36

All: -7.068+/-0.059 χ^2/NDF : 6999.4/69

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 11.818 ± 0.074 χ^2/NDF : 1699.4/17

Right Out: 10.437 ± 0.160 χ^2/NDF : 3828.8/18

Left In: 12.119 ± 0.077 χ^2/NDF : 2342.1/15

Left: 11.962 ± 0.054 χ^2/NDF : 4049.5/33

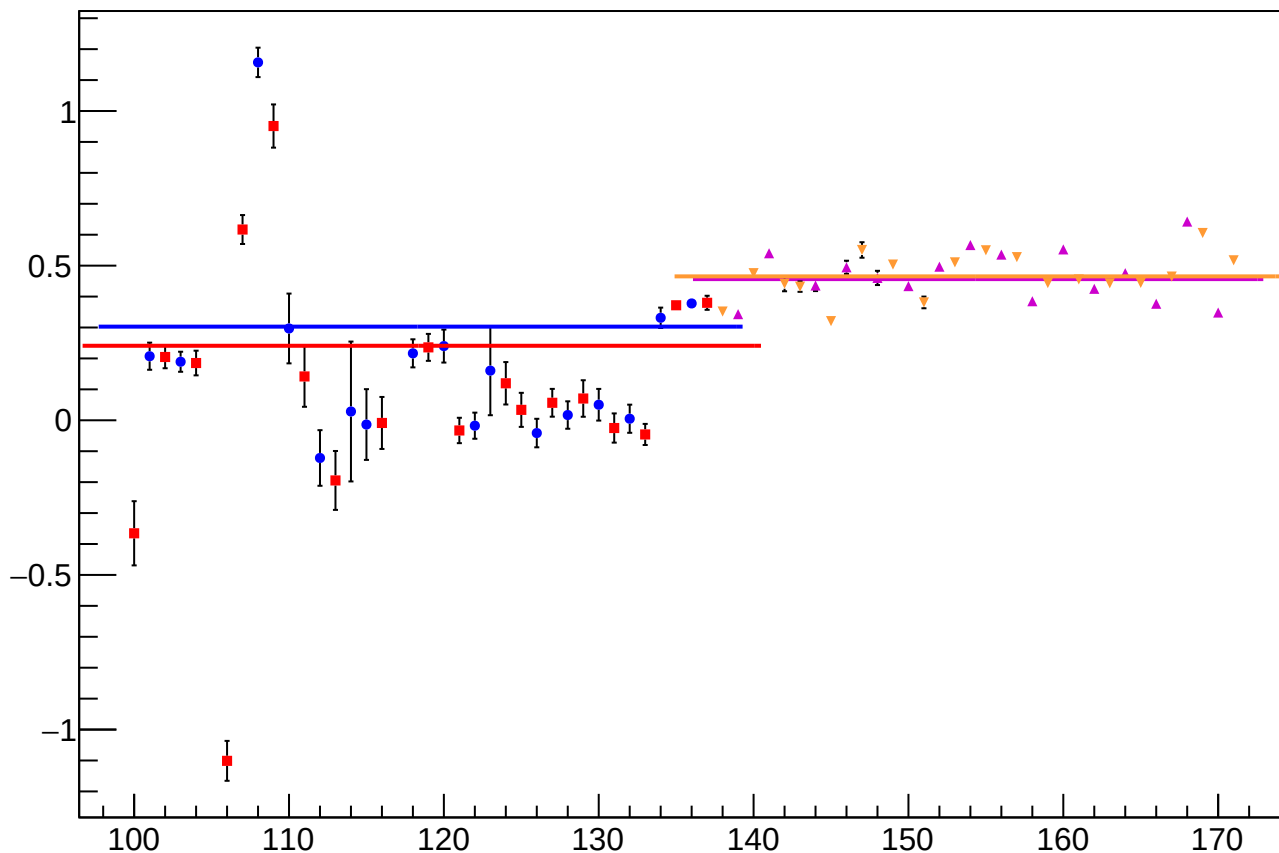
Right: 10.368 ± 0.112 χ^2/NDF : 7528.5/35

In: 11.763 ± 0.069 χ^2/NDF : 6149.4/32

Out: 11.573 ± 0.067 χ^2/NDF : 5589.7/36

All: 11.665 ± 0.048 χ^2/NDF : 11743.0/69

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 $\chi^2/\text{NDF}: 647.2/16$

Left Out: 0.465 ± 0.003 $\chi^2/\text{NDF}: 404.9/17$

Right Out: 0.241 ± 0.008 $\chi^2/\text{NDF}: 988.9/18$

Left In: 0.456 ± 0.003 $\chi^2/\text{NDF}: 668.6/15$

Left: 0.461 ± 0.002 $\chi^2/\text{NDF}: 1076.9/33$

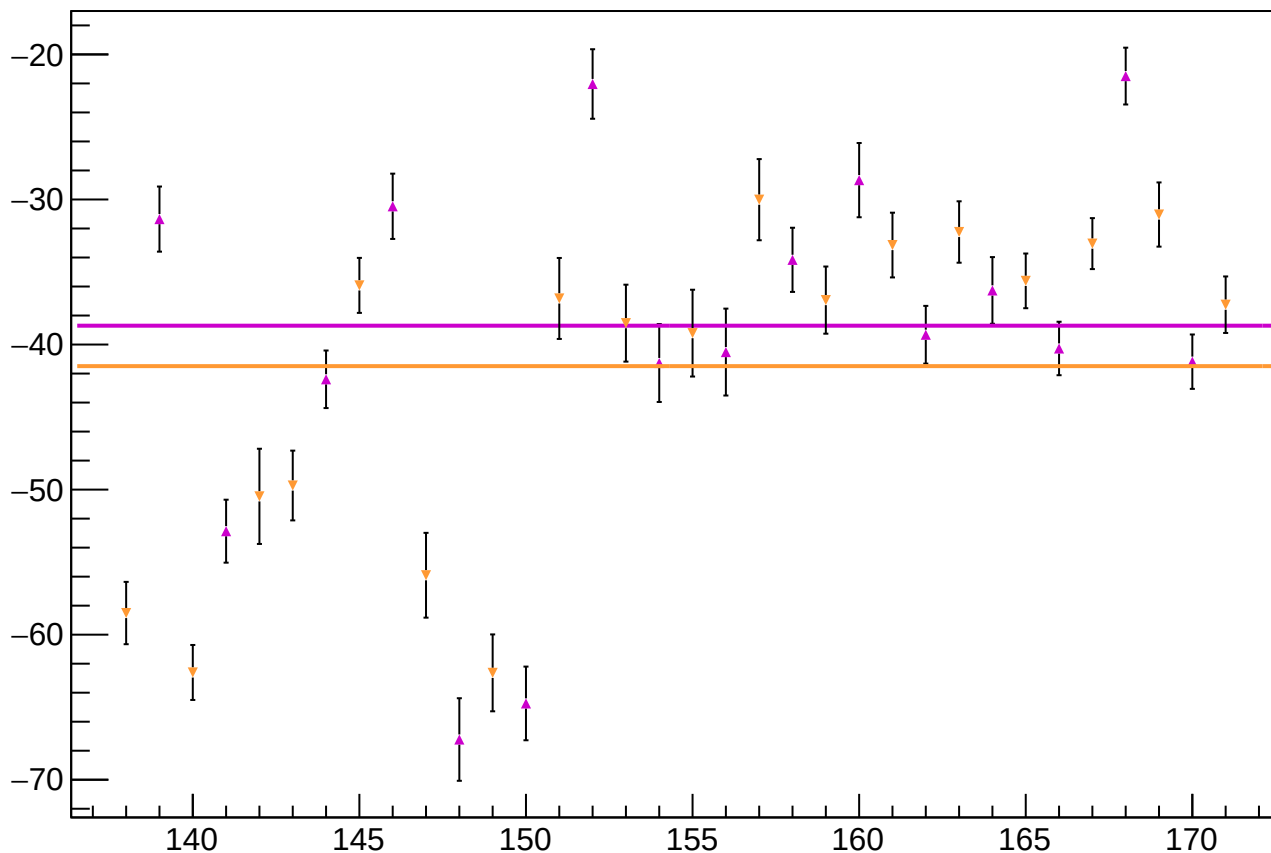
Right: 0.273 ± 0.006 $\chi^2/\text{NDF}: 1663.5/35$

In: 0.434 ± 0.003 $\chi^2/\text{NDF}: 1616.3/32$

Out: 0.435 ± 0.003 $\chi^2/\text{NDF}: 1999.0/36$

All: 0.435 ± 0.002 $\chi^2/\text{NDF}: 3615.3/69$

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.489+/-0.535 χ^2/NDF :420.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.700+/-0.559 χ^2/NDF :425.9/15

Left: -40.154+/-0.386 χ^2/NDF : 859.8/33

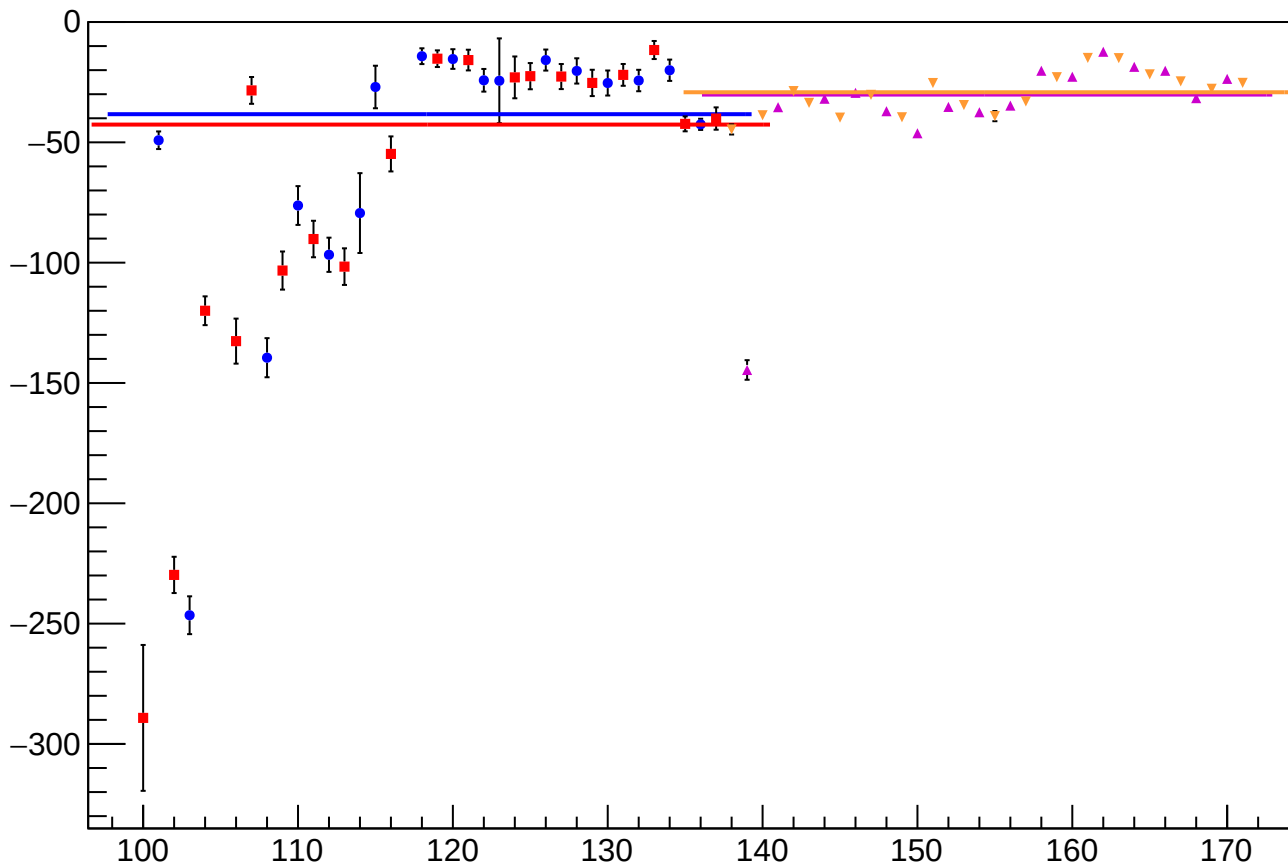
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.700+/-0.559 χ^2/NDF :425.9/15

Out: -41.489+/-0.535 χ^2/NDF :420.9/17

All: -40.154+/-0.386 χ^2/NDF : 859.8/33

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: -29.189 ± 0.390 $\chi^2/\text{NDF}: 439.4/17$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -30.155 ± 0.412 $\chi^2/\text{NDF}: 1227.2/15$

Left: -29.646 ± 0.283 $\chi^2/\text{NDF}: 1669.6/33$

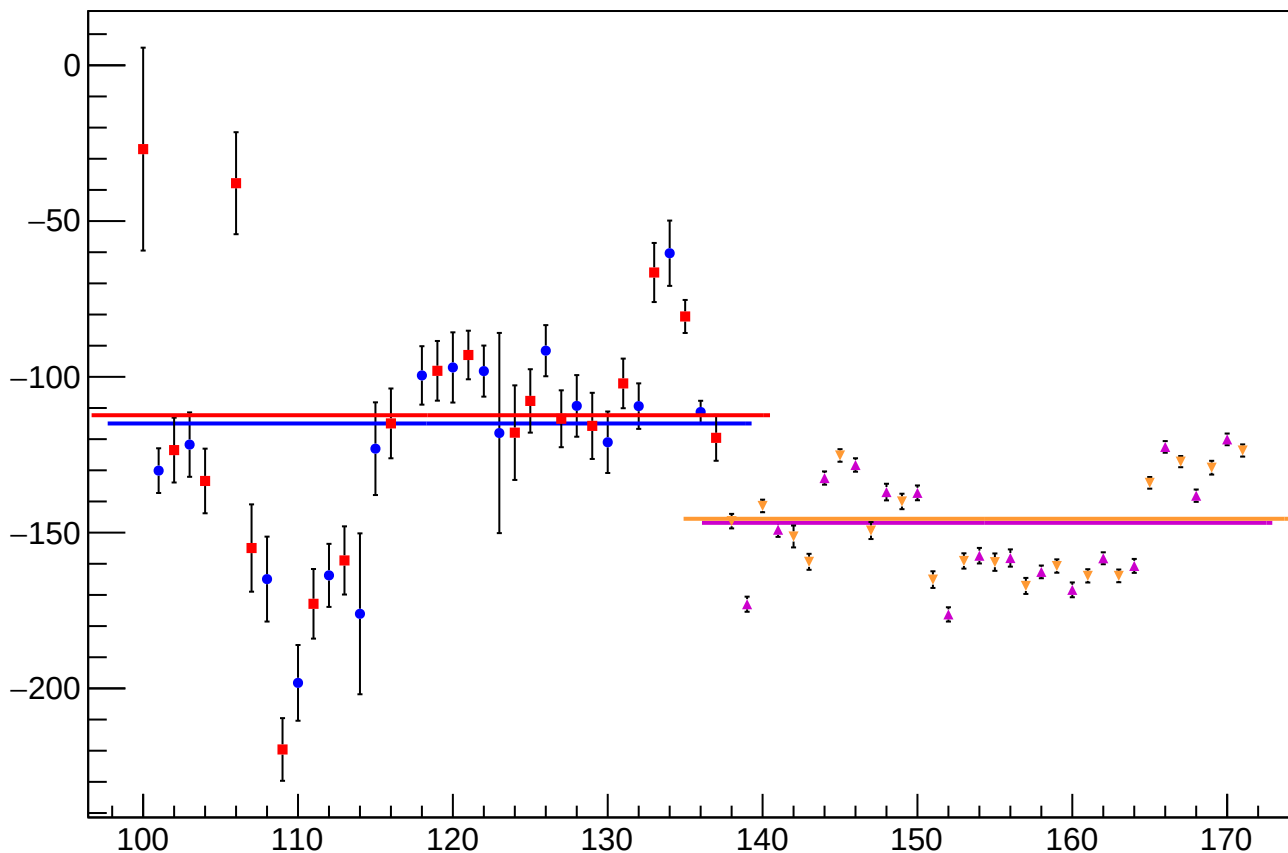
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -31.099 ± 0.387 $\chi^2/\text{NDF}: 2405.3/32$

Out: -30.457 ± 0.371 $\chi^2/\text{NDF}: 1895.8/36$

All: -30.764 ± 0.268 $\chi^2/\text{NDF}: 4302.5/69$

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: -145.555 ± 0.533 $\chi^2/\text{NDF}: 849.2/17$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -146.857 ± 0.550 $\chi^2/\text{NDF}: 1072.0/15$

Left: -146.185 ± 0.383 $\chi^2/\text{NDF}: 1924.1/33$

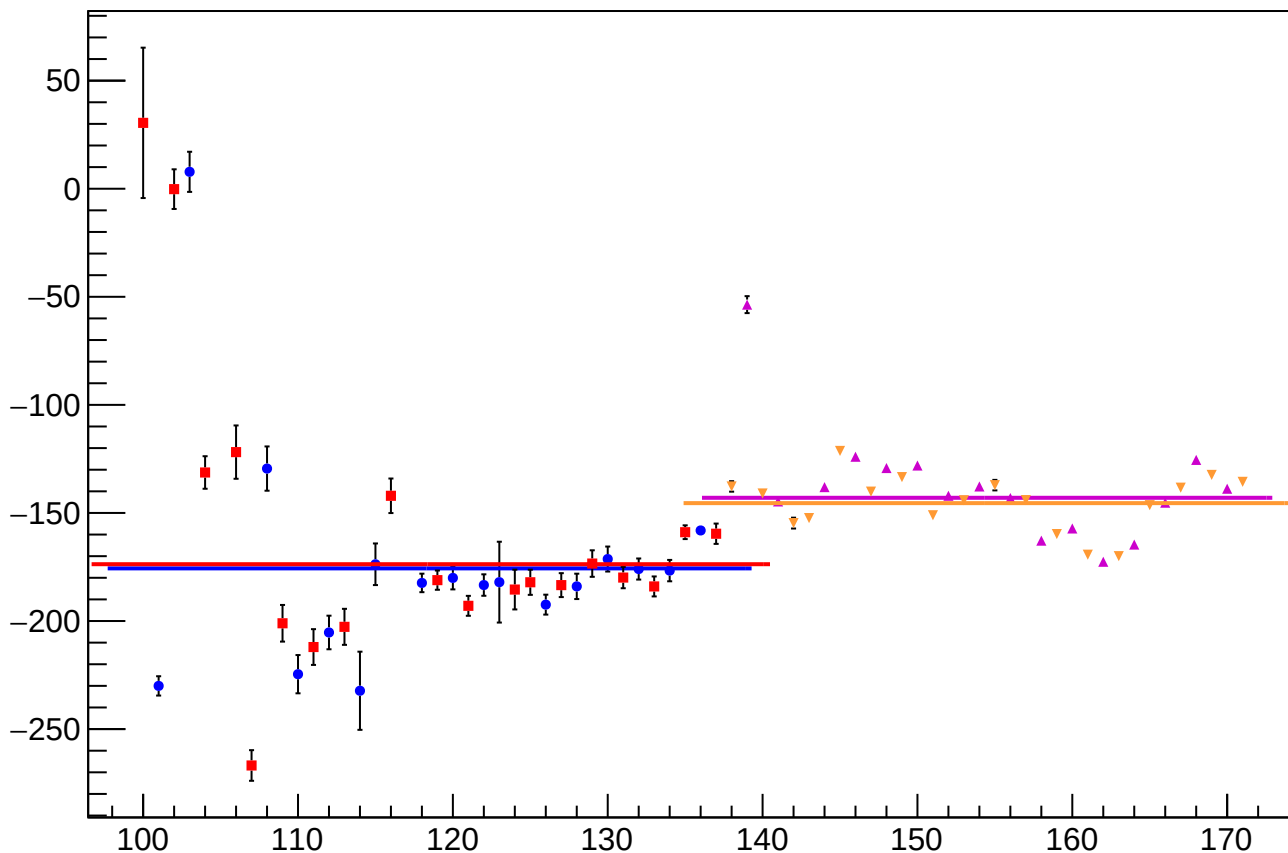
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -144.762 ± 0.532 $\chi^2/\text{NDF}: 1434.1/32$

Out: -143.724 ± 0.518 $\chi^2/\text{NDF}: 1337.9/36$

All: -144.229 ± 0.371 $\chi^2/\text{NDF}: 2774.0/69$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.460 ± 0.448 χ^2/NDF : 888.4/17

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -142.988 ± 0.472 χ^2/NDF : 1497.9/15

Left: -144.288 ± 0.325 χ^2/NDF : 2400.8/33

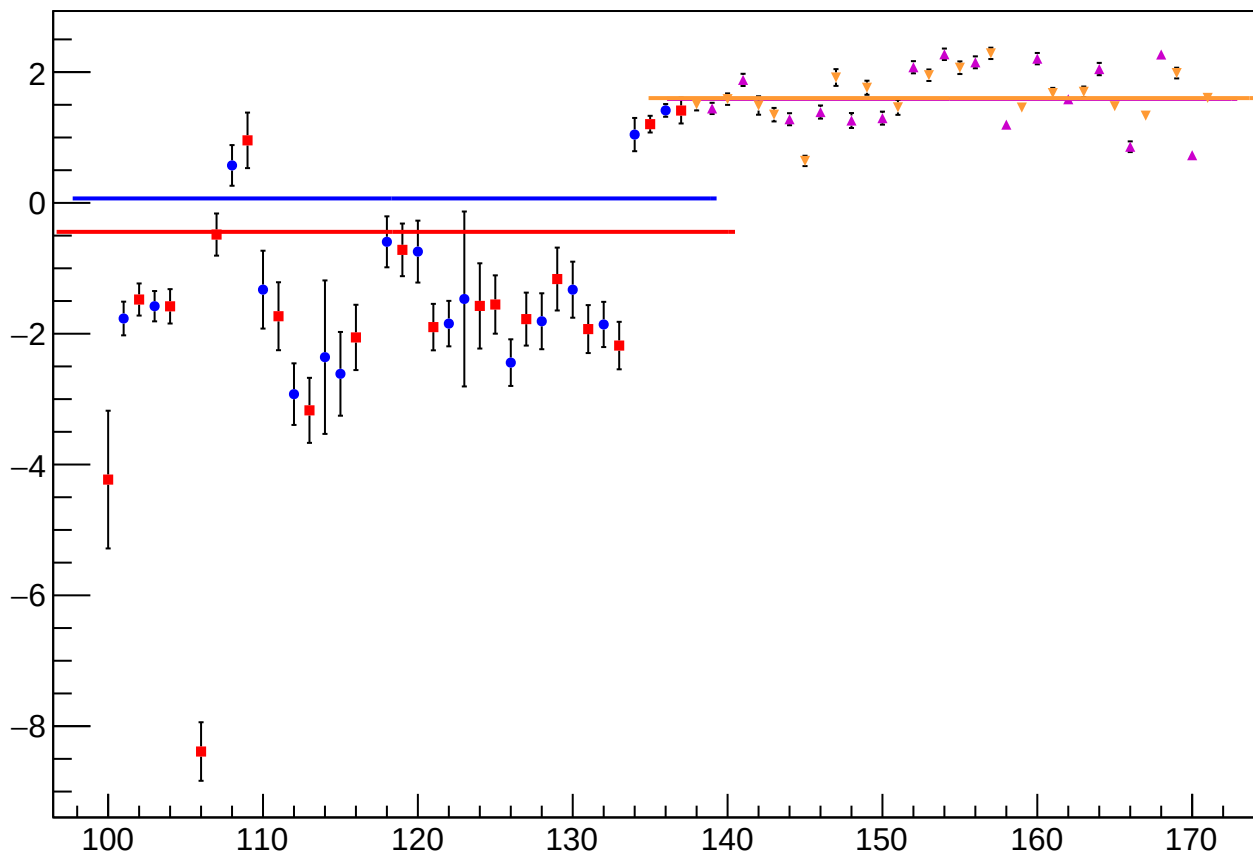
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -146.950 ± 0.442 χ^2/NDF : 2772.0/32

Out: -148.244 ± 0.425 χ^2/NDF : 2018.9/36

All: -147.622 ± 0.306 χ^2/NDF : 4795.4/69

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.602 ± 0.021 χ^2/NDF : 309.8/17

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.590 ± 0.022 χ^2/NDF : 591.2/15

Left: 1.596 ± 0.015 χ^2/NDF : 901.2/33

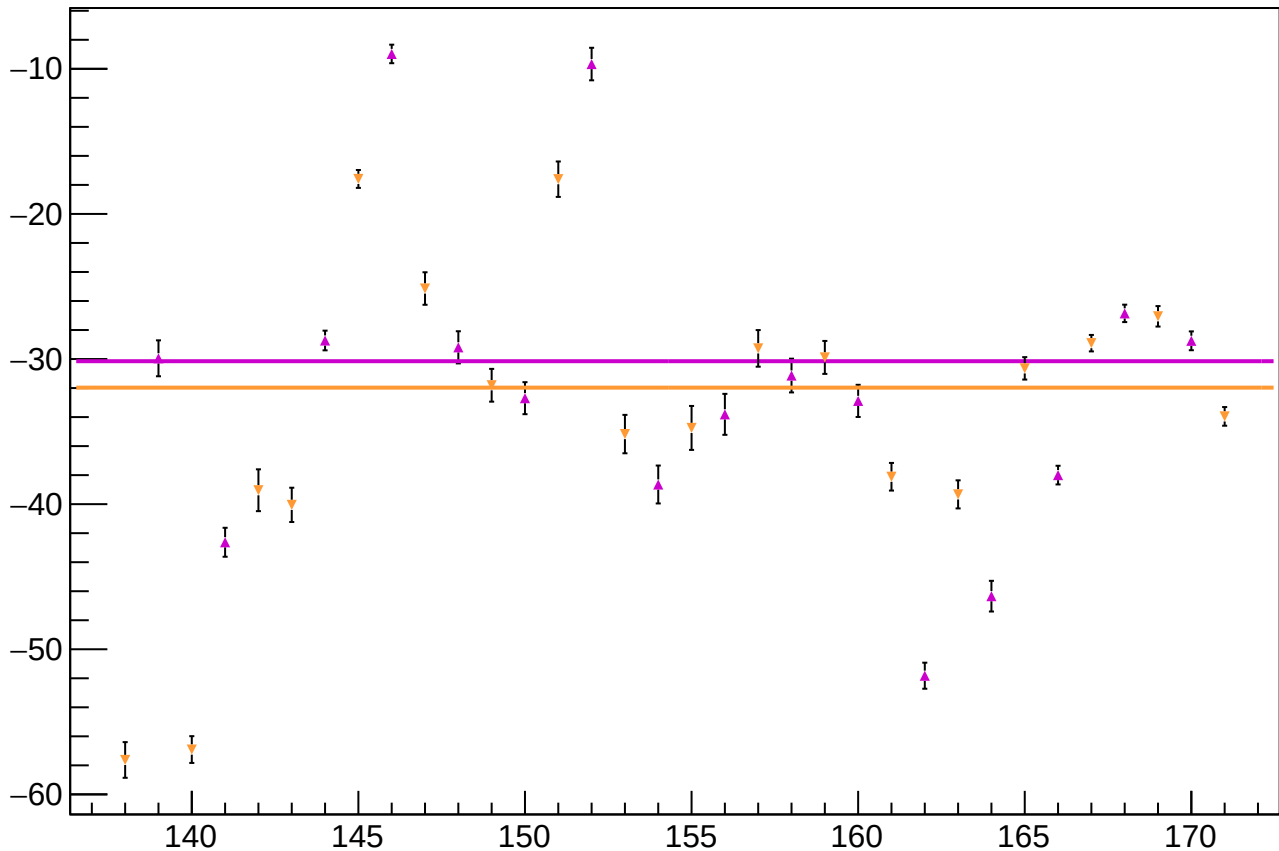
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 1.447 ± 0.021 χ^2/NDF : 1584.4/32

Out: 1.443 ± 0.020 χ^2/NDF : 1828.6/36

All: 1.445 ± 0.014 χ^2/NDF : 3413.0/69

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -31.970 ± 0.215 $\chi^2/\text{NDF}: 2162.5/17$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -30.149 ± 0.218 $\chi^2/\text{NDF}: 2657.0/15$

Left: -31.073 ± 0.153 $\chi^2/\text{NDF}: 4855.0/33$

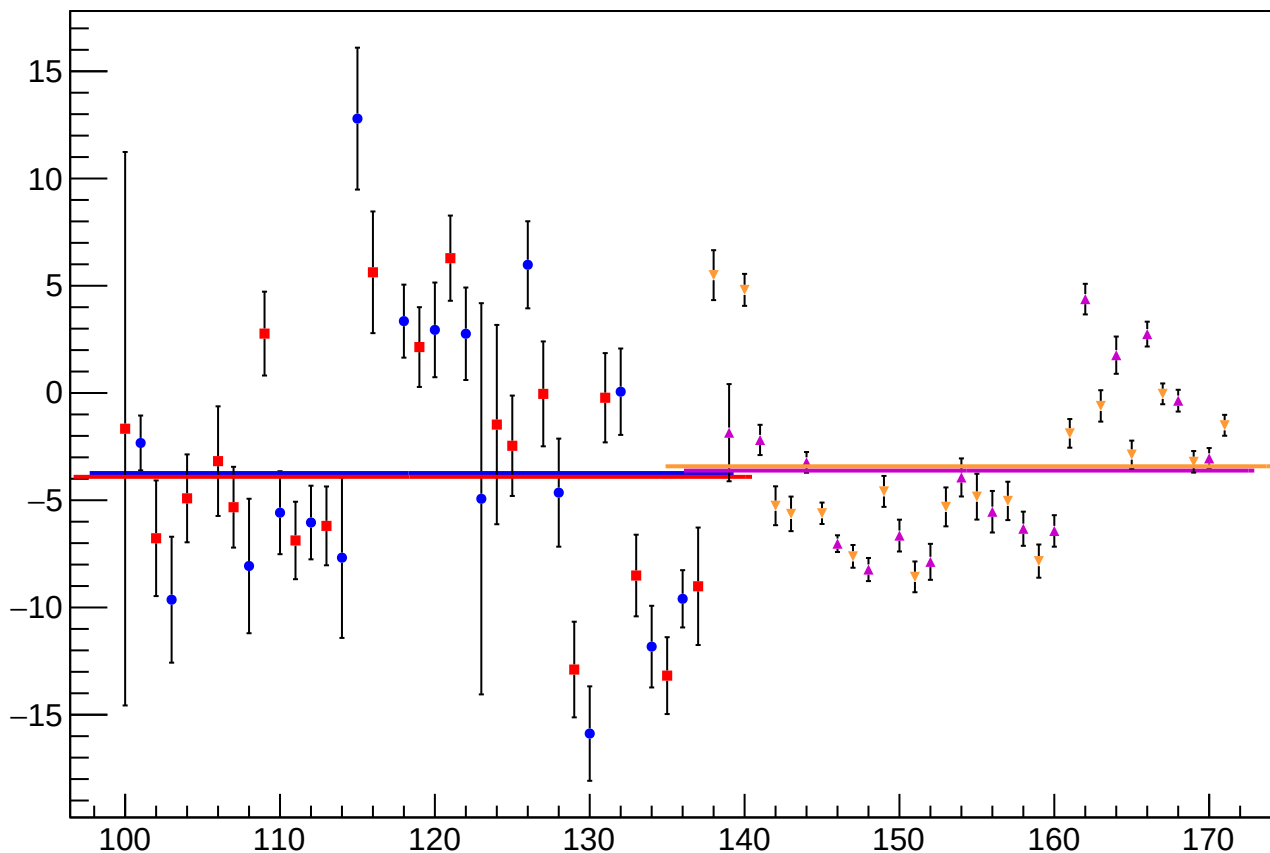
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -30.149 ± 0.218 $\chi^2/\text{NDF}: 2657.0/15$

Out: -31.970 ± 0.215 $\chi^2/\text{NDF}: 2162.5/17$

All: -31.073 ± 0.153 $\chi^2/\text{NDF}: 4855.0/33$

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: -3.417 ± 0.157 $\chi^2/\text{NDF}: 455.1/17$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -3.616 ± 0.158 $\chi^2/\text{NDF}: 554.7/15$

Left: -3.516 ± 0.111 $\chi^2/\text{NDF}: 1010.6/33$

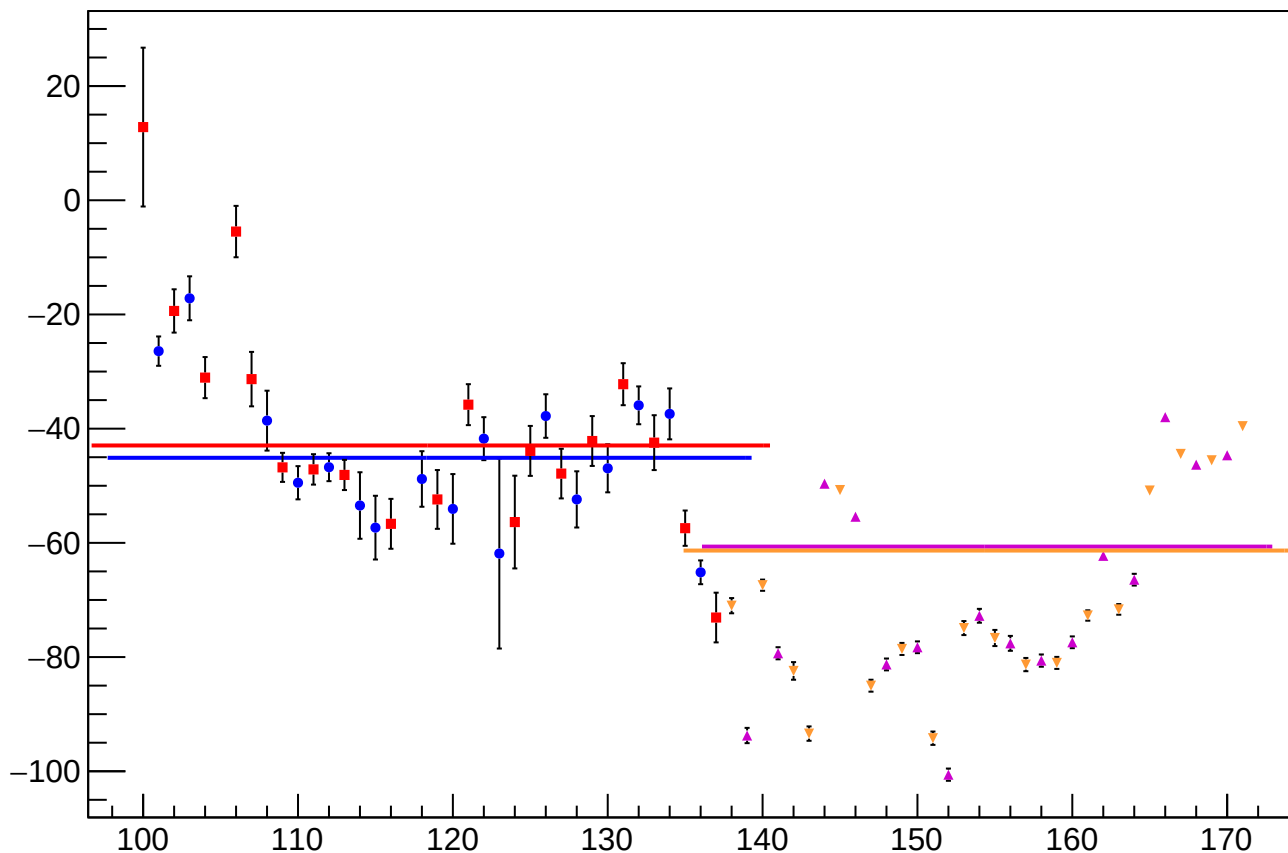
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -3.627 ± 0.151 $\chi^2/\text{NDF}: 720.6/32$

Out: -3.460 ± 0.150 $\chi^2/\text{NDF}: 580.7/36$

All: -3.543 ± 0.106 $\chi^2/\text{NDF}: 1301.9/69$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -61.347 ± 0.214 χ^2/NDF : 6590.9/17

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -60.656 ± 0.216 χ^2/NDF : 6570.3/15

Left: -61.004 ± 0.152 χ^2/NDF : 13166.4/33

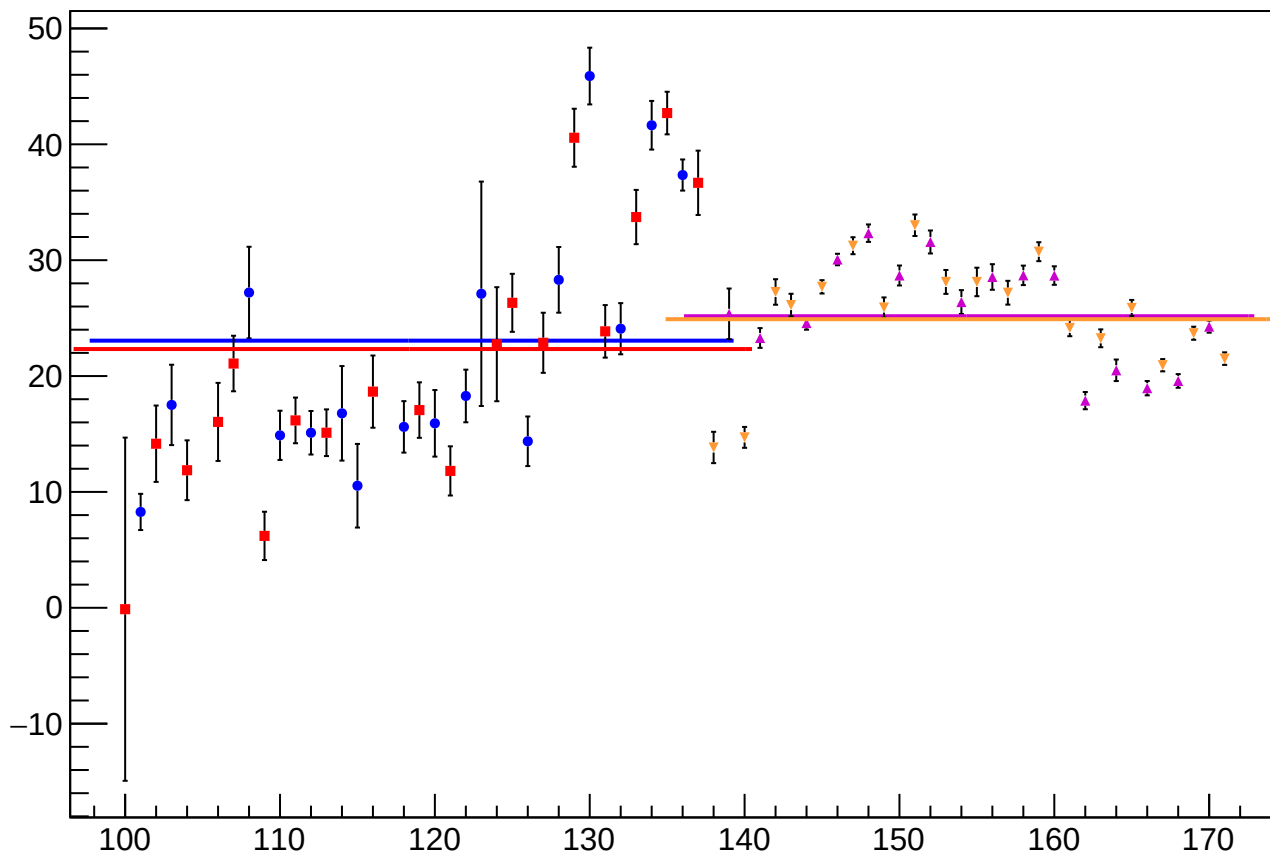
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -59.779 ± 0.210 χ^2/NDF : 7094.0/32

Out: -60.310 ± 0.208 χ^2/NDF : 7255.1/36

All: -60.046 ± 0.148 χ^2/NDF : 14352.3/69

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 24.908 $\pm$ 0.180 χ^2 /NDF:557.1/17

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 25.162 $\pm$ 0.184 χ^2 /NDF:613.8/15

Left: 25.032 $\pm$ 0.129 χ^2 /NDF: 1171.8/33

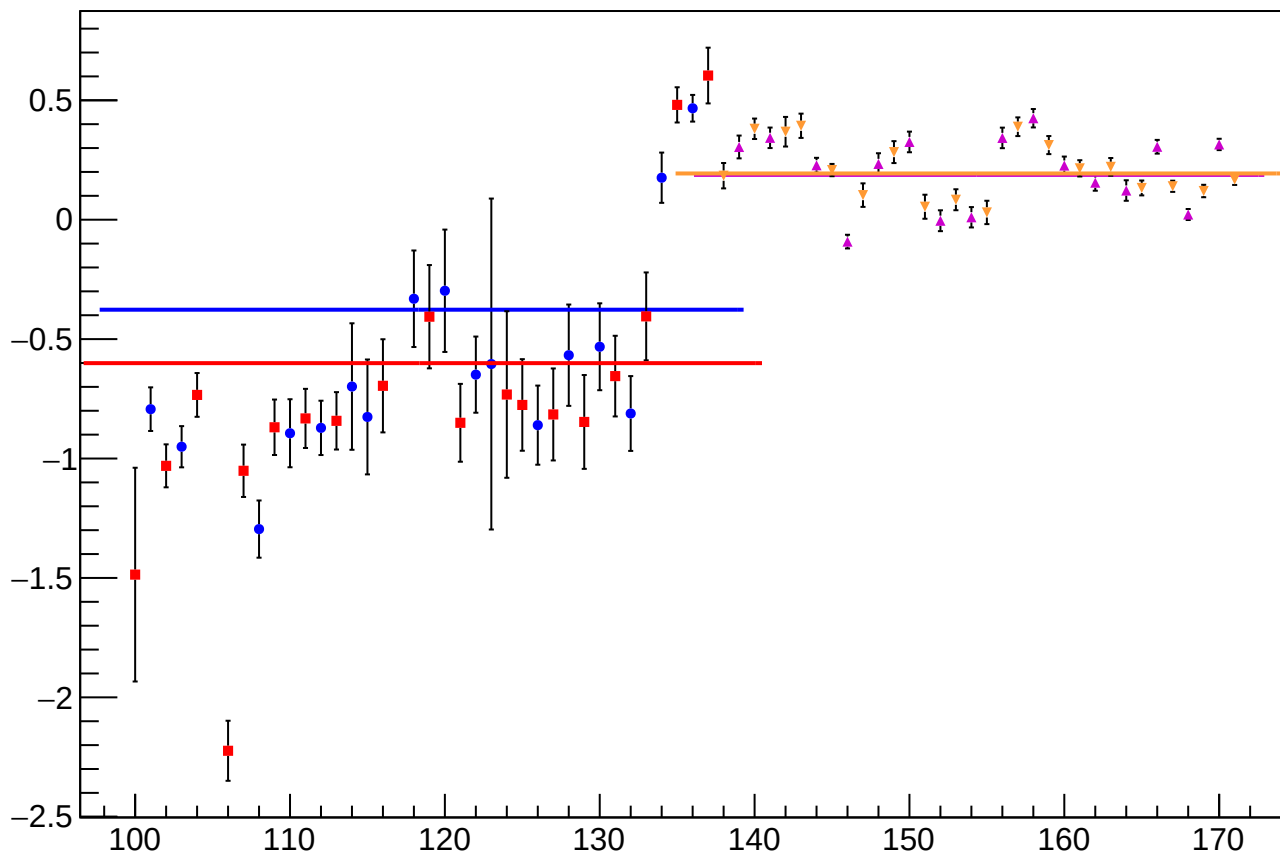
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 24.956 $\pm$ 0.174 χ^2 /NDF:1087.8/32

Out: 24.676 $\pm$ 0.172 χ^2 /NDF:946.6/36

All: 24.814 $\pm$ 0.122 χ^2 /NDF: 2035.7/69

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.194 ± 0.008 $\chi^2/\text{NDF}: 129.1/17$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.188 ± 0.009 $\chi^2/\text{NDF}: 316.1/15$

Left: 0.191 ± 0.006 $\chi^2/\text{NDF}: 445.5/33$

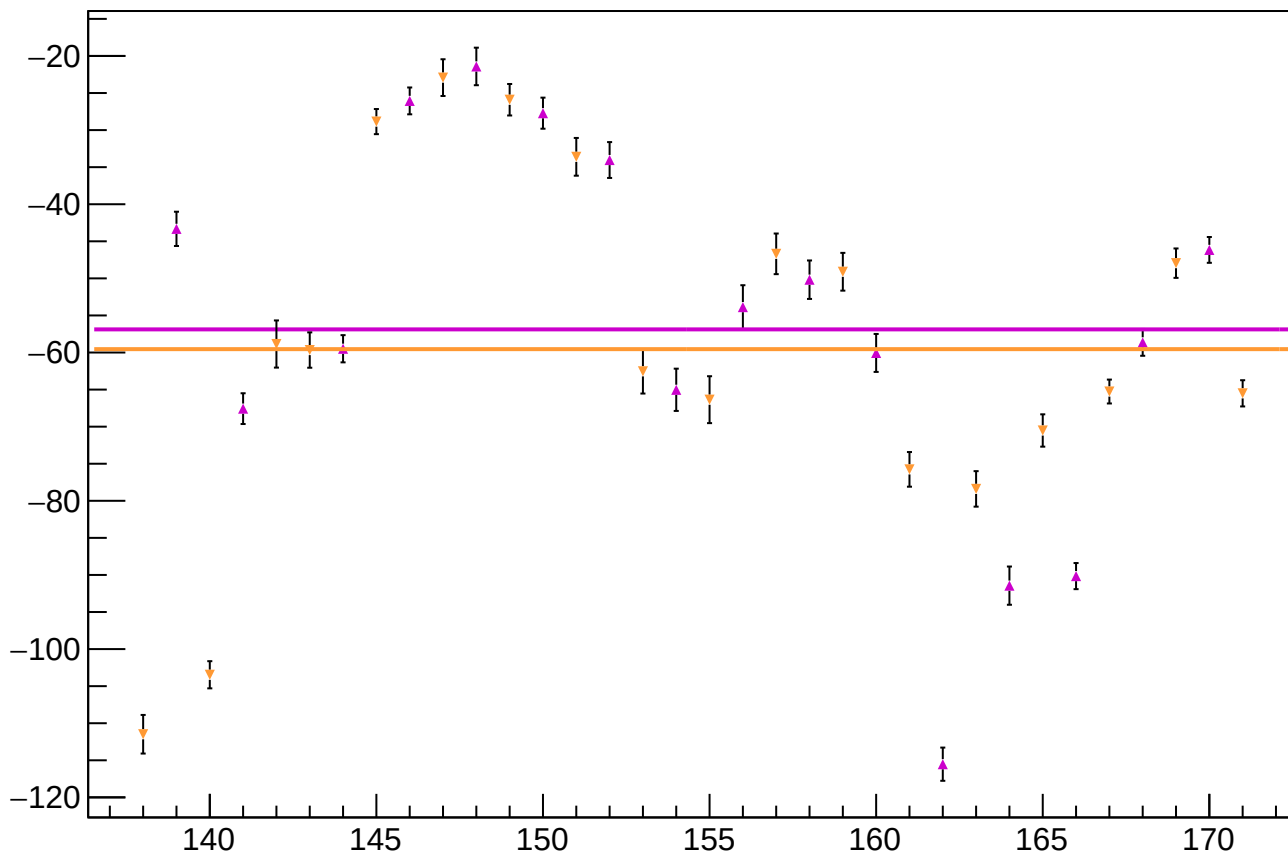
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.145 ± 0.008 $\chi^2/\text{NDF}: 1078.5/32$

Out: 0.138 ± 0.008 $\chi^2/\text{NDF}: 1328.2/36$

All: 0.141 ± 0.006 $\chi^2/\text{NDF}: 2407.2/69$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.545+/-0.525 χ^2/NDF :2111.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.880+/-0.540 χ^2/NDF :2110.5/15

Left: -58.252+/-0.376 χ^2/NDF : 4234.1/33

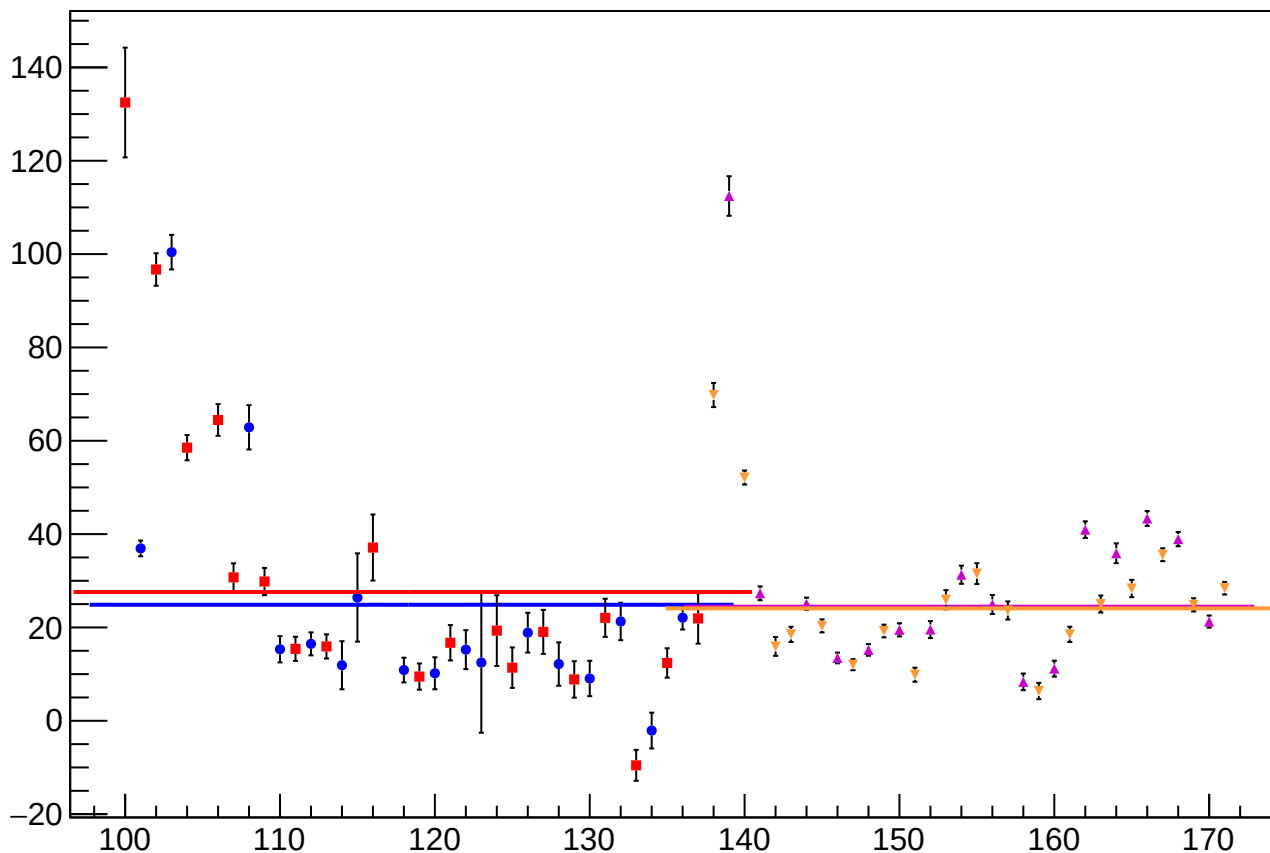
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.880+/-0.540 χ^2/NDF :2110.5/15

Out: -59.545+/-0.525 χ^2/NDF :2111.0/17

All: -58.252+/-0.376 χ^2/NDF : 4234.1/33

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 24.089 ± 0.379 χ^2/NDF : 1111.9/17

Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18

Left In: 24.449 ± 0.395 χ^2/NDF : 1105.6/15

Left: 24.262 ± 0.273 χ^2/NDF : 2218.0/33

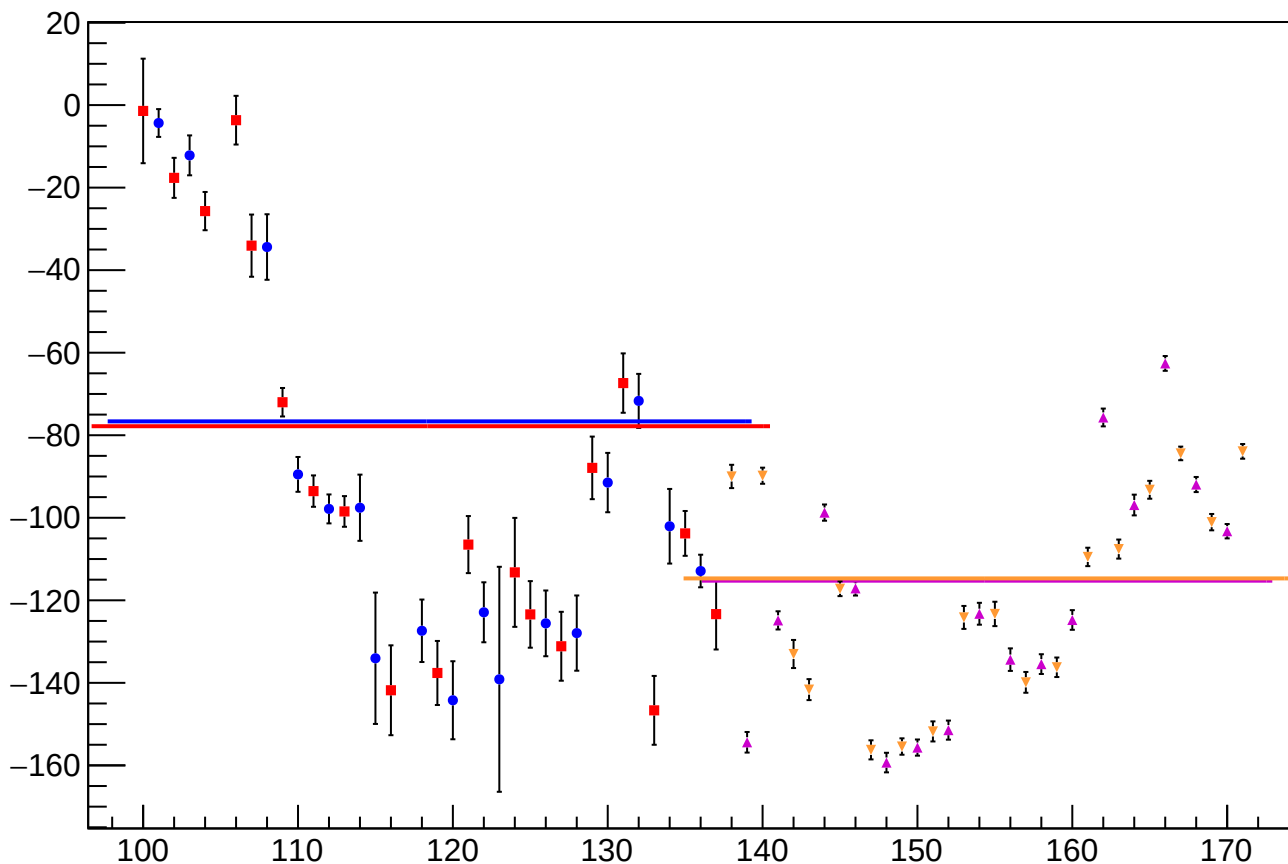
Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35

In: 24.530 ± 0.354 χ^2/NDF : 1796.9/32

Out: 24.718 ± 0.343 χ^2/NDF : 2138.2/36

All: 24.627 ± 0.246 χ^2/NDF : 3935.2/69

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -114.695 ± 0.522 χ^2/NDF : 2357.6/17

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -115.239 ± 0.533 χ^2/NDF : 2957.3/15

Left: -114.962 ± 0.373 χ^2/NDF : 5315.4/33

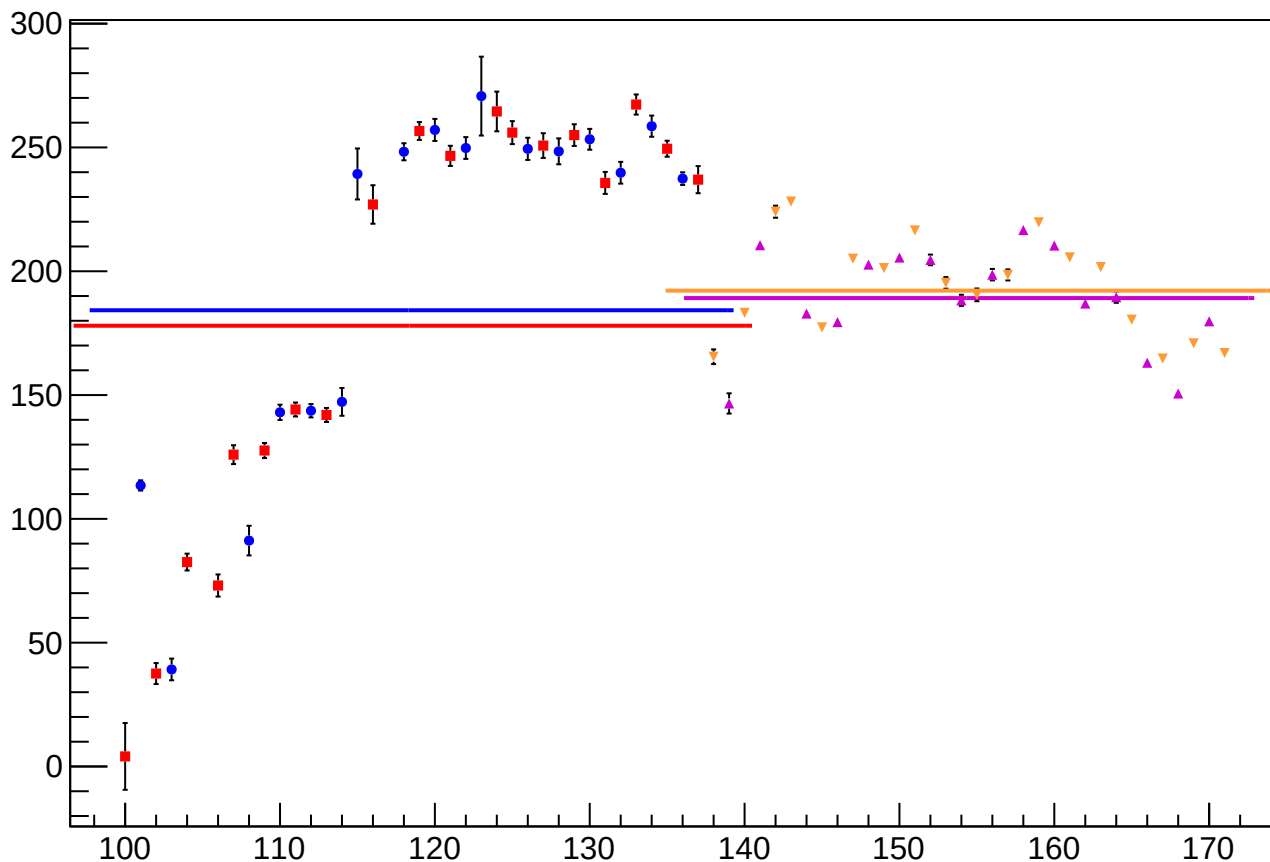
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -110.440 ± 0.499 χ^2/NDF : 4649.8/32

Out: -109.911 ± 0.487 χ^2/NDF : 3878.3/36

All: -110.169 ± 0.349 χ^2/NDF : 8528.6/69

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: 192.171 $\pm$ 0.438 χ^2 /NDF:2094.5/17

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 189.162 $\pm$ 0.456 χ^2 /NDF:1638.9/15

Left: 190.728 $\pm$ 0.316 χ^2 /NDF: 3756.0/33

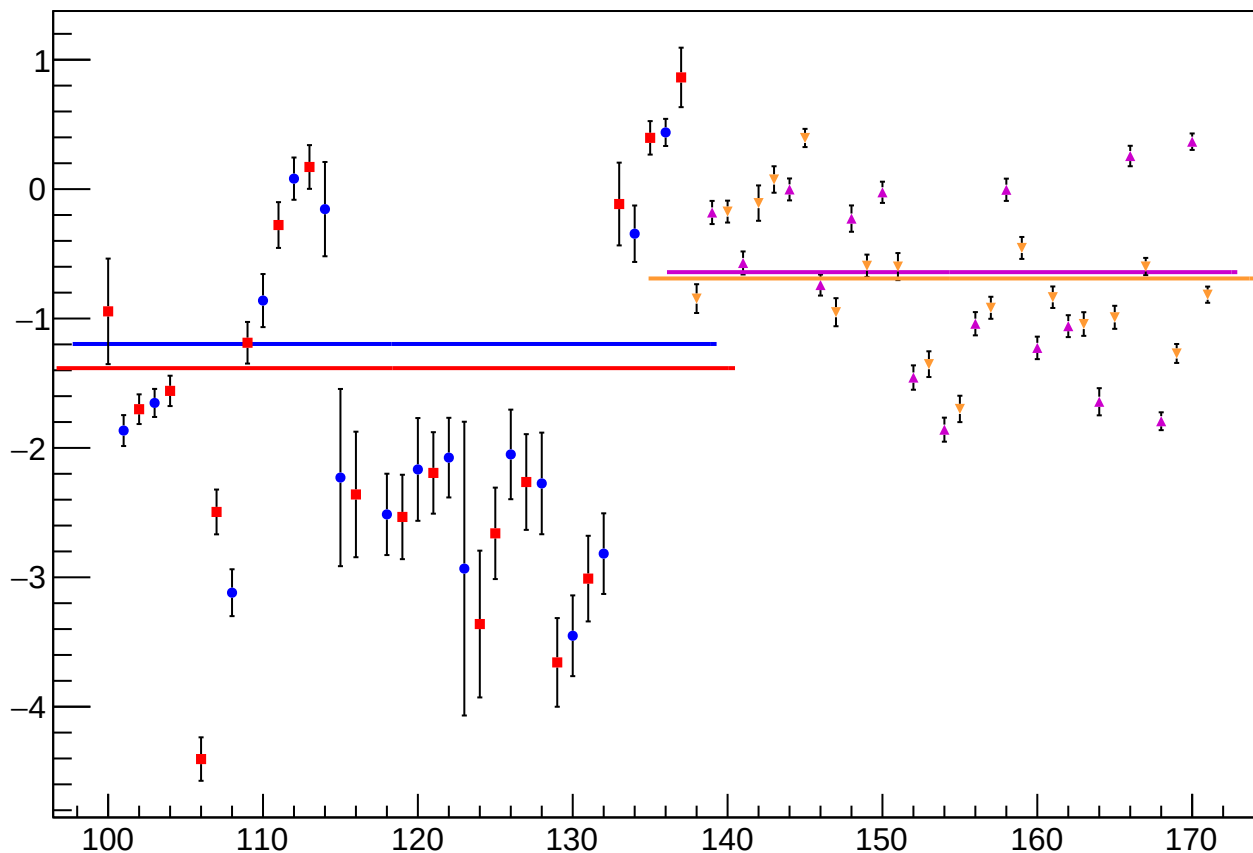
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 188.184 $\pm$ 0.408 χ^2 /NDF:7050.6/32

Out: 189.570 $\pm$ 0.396 χ^2 /NDF:8624.6/36

All: 188.899 $\pm$ 0.284 χ^2 /NDF: 15681.1/69

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.691 ± 0.020 χ^2/NDF : 614.3/17

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.642 ± 0.021 χ^2/NDF : 1300.7/15

Left: -0.667 ± 0.015 χ^2/NDF : 1917.8/33

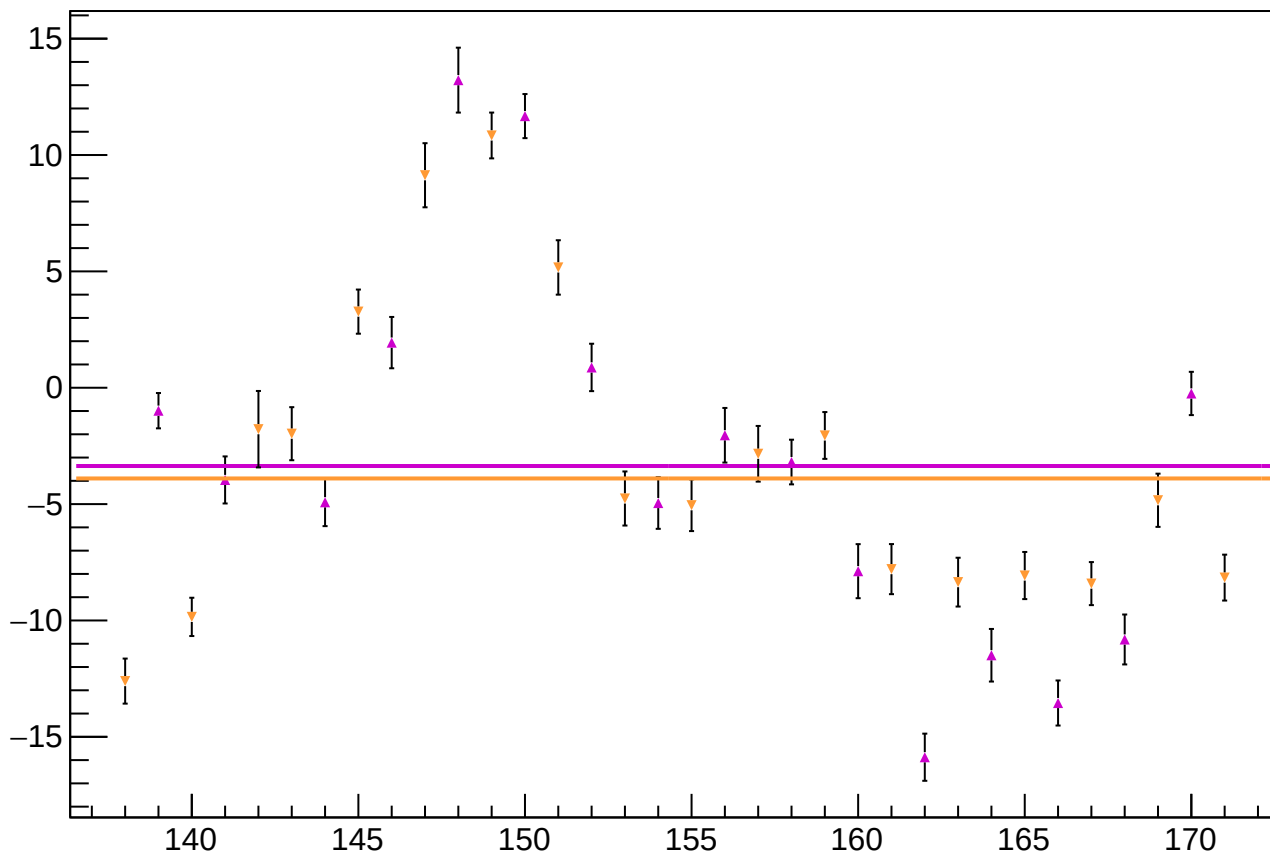
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.731 ± 0.019 χ^2/NDF : 2033.9/32

Out: -0.805 ± 0.019 χ^2/NDF : 1729.1/36

All: -0.769 ± 0.013 χ^2/NDF : 3770.6/69

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.898+/-0.250 χ^2/NDF : 665.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.363+/-0.256 χ^2/NDF : 839.2/15

Left: -3.637+/-0.179 χ^2/NDF : 1507.2/33

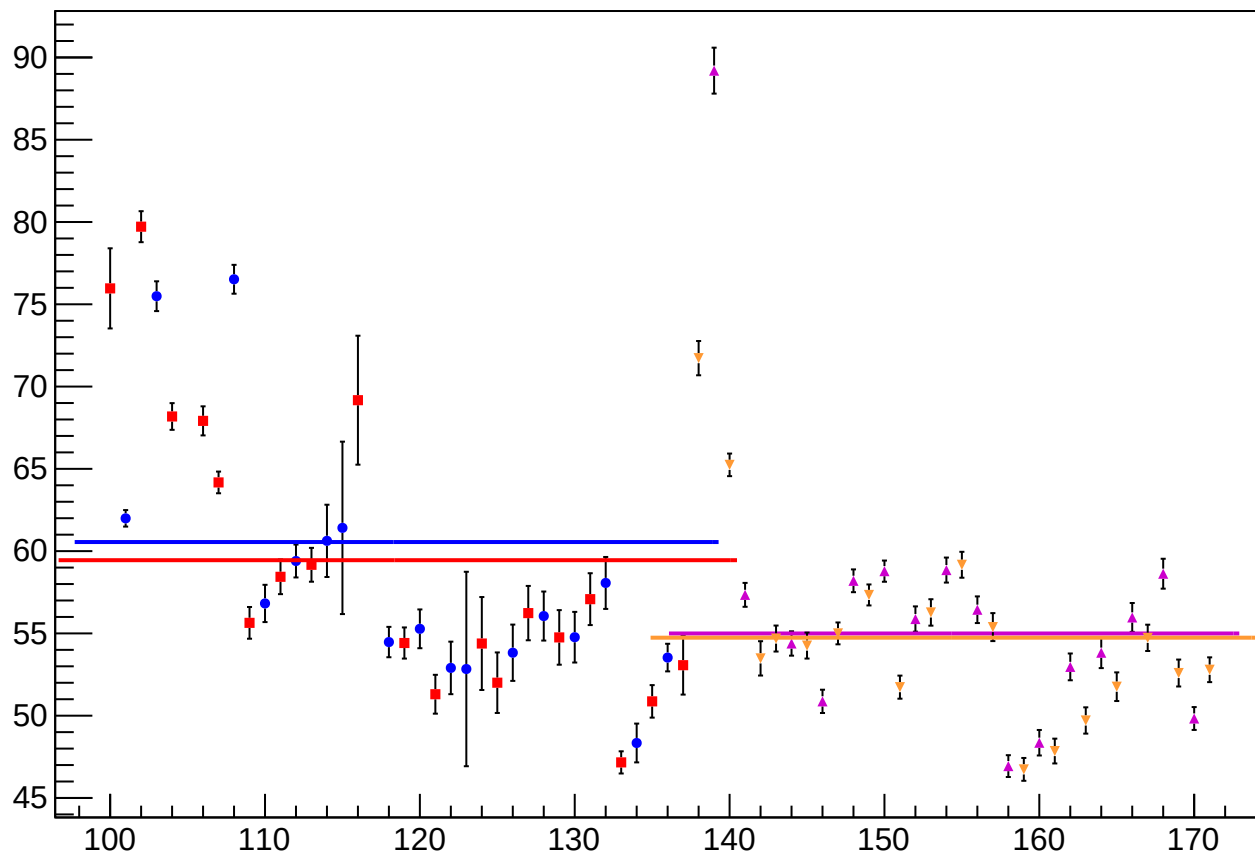
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.363+/-0.256 χ^2/NDF : 839.2/15

Out: -3.898+/-0.250 χ^2/NDF : 665.8/17

All: -3.637+/-0.179 χ^2/NDF : 1507.2/33

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 54.740 ± 0.182 $\chi^2/\text{NDF}: 854.8/17$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 54.995 ± 0.193 $\chi^2/\text{NDF}: 1032.8/15$

Left: 54.860 ± 0.133 $\chi^2/\text{NDF}: 1888.5/33$

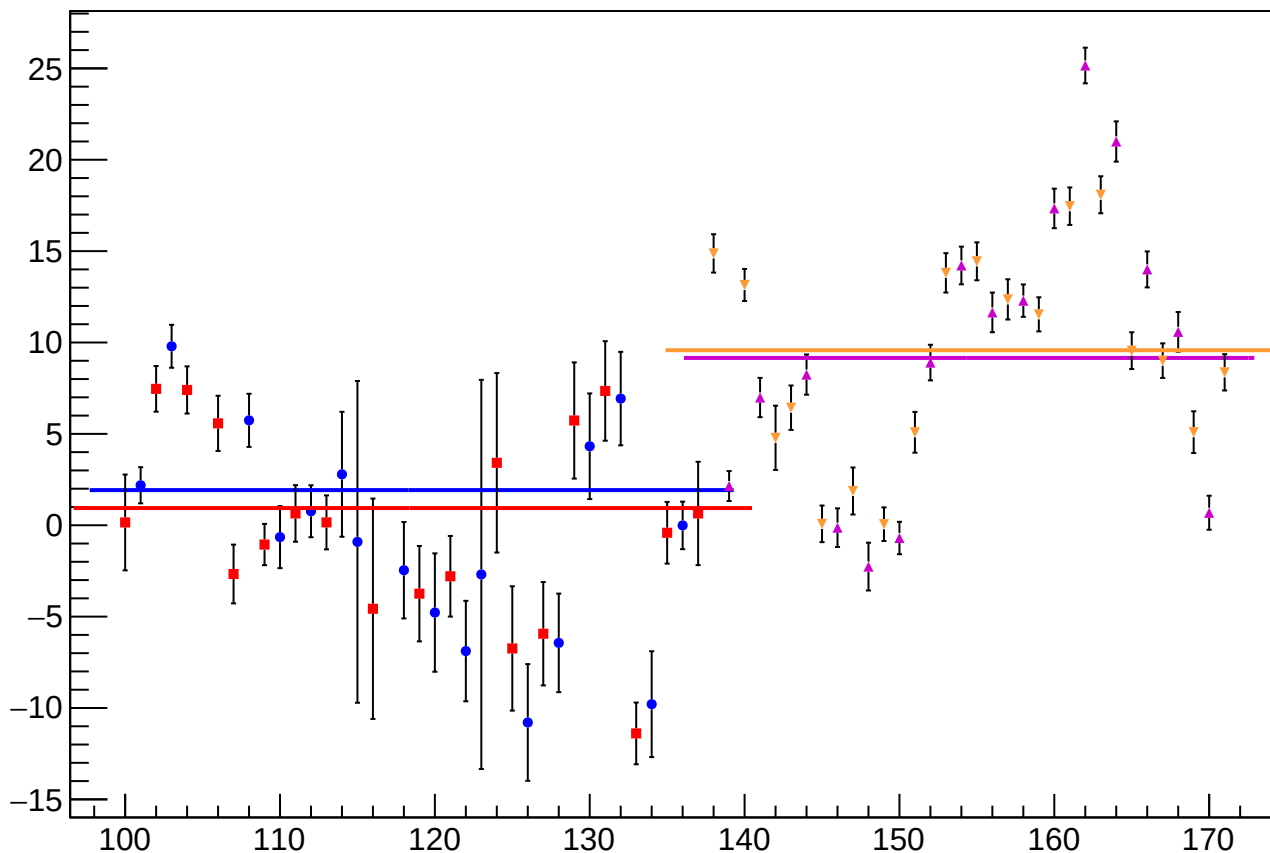
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 56.952 ± 0.155 $\chi^2/\text{NDF}: 2255.8/32$

Out: 56.397 ± 0.147 $\chi^2/\text{NDF}: 2410.4/36$

All: 56.659 ± 0.107 $\chi^2/\text{NDF}: 4672.9/69$

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: 9.578 ± 0.247 $\chi^2/\text{NDF}: 500.4/17$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.155 ± 0.251 $\chi^2/\text{NDF}: 947.7/15$

Left: 9.370 ± 0.176 $\chi^2/\text{NDF}: 1449.5/33$

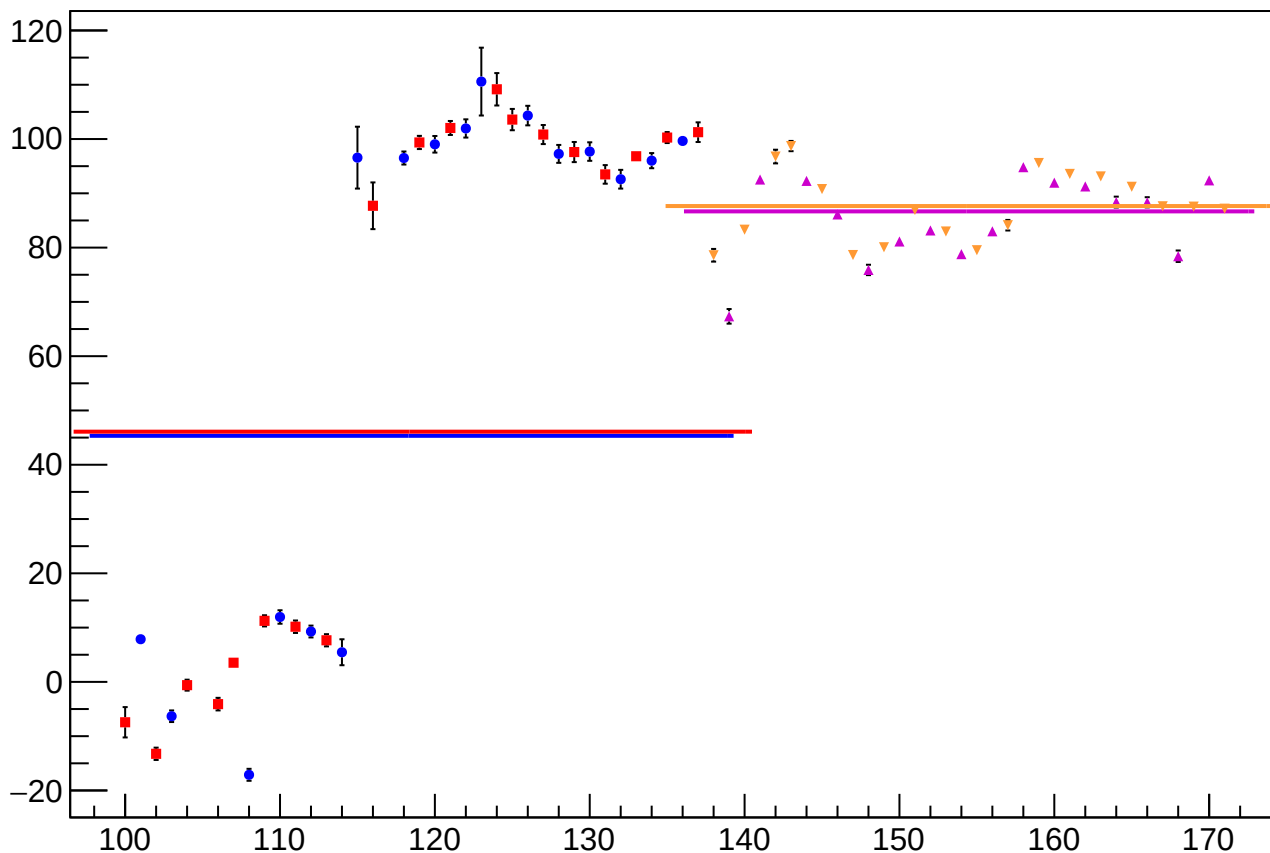
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.481 ± 0.220 $\chi^2/\text{NDF}: 1260.2/32$

Out: 7.388 ± 0.214 $\chi^2/\text{NDF}: 960.3/36$

All: 7.433 ± 0.153 $\chi^2/\text{NDF}: 2220.6/69$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 87.657+/-0.209 χ^2/NDF :837.7/17

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 86.672+/-0.220 χ^2/NDF :917.5/15

Left: 87.187+/-0.152 χ^2/NDF : 1765.8/33

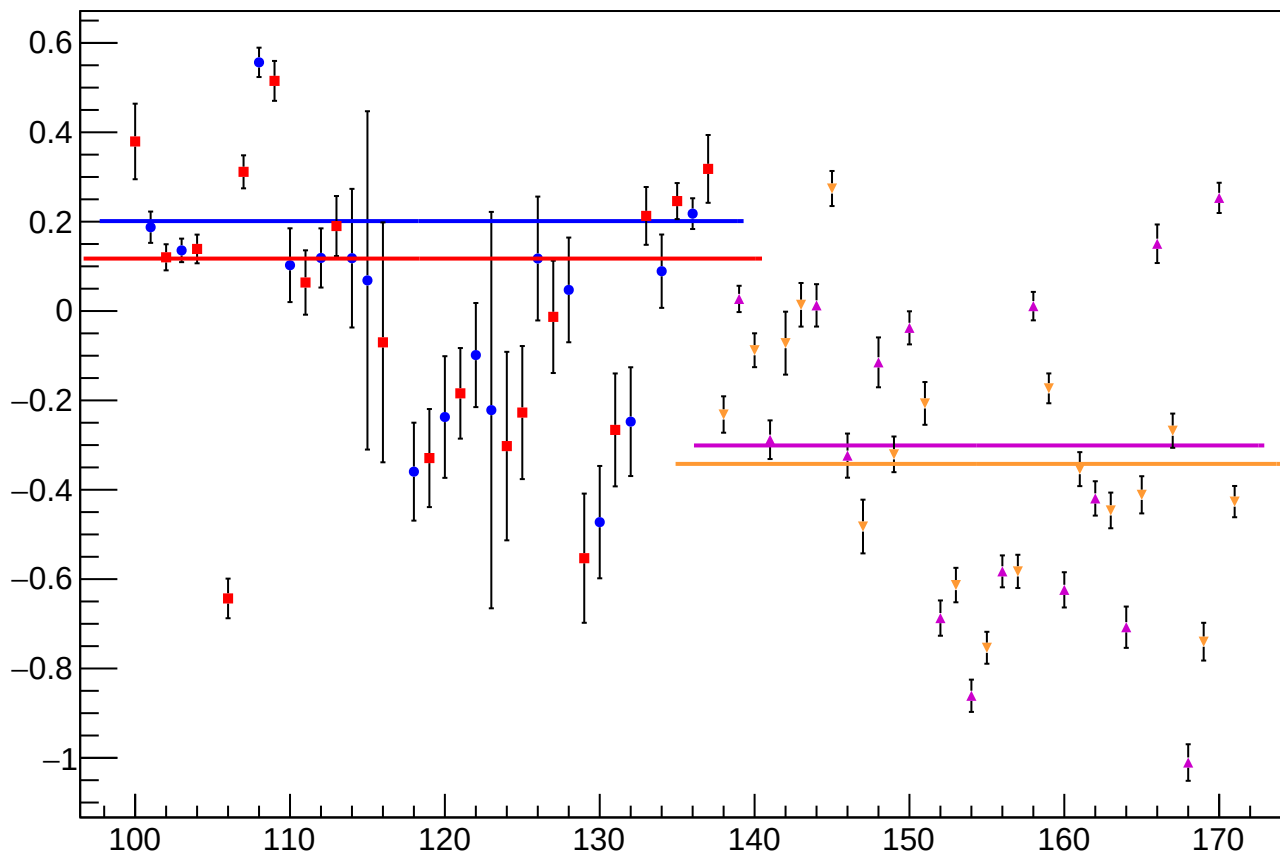
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 72.477+/-0.178 χ^2/NDF :38100.1/32

Out: 73.362+/-0.170 χ^2/NDF :42655.6/36

All: 72.941+/-0.123 χ^2/NDF : 80768.6/69

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.342 ± 0.010 χ^2/NDF : 738.2/17

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.301 ± 0.010 χ^2/NDF : 1557.1/15

Left: -0.322 ± 0.007 χ^2/NDF : 2304.5/33

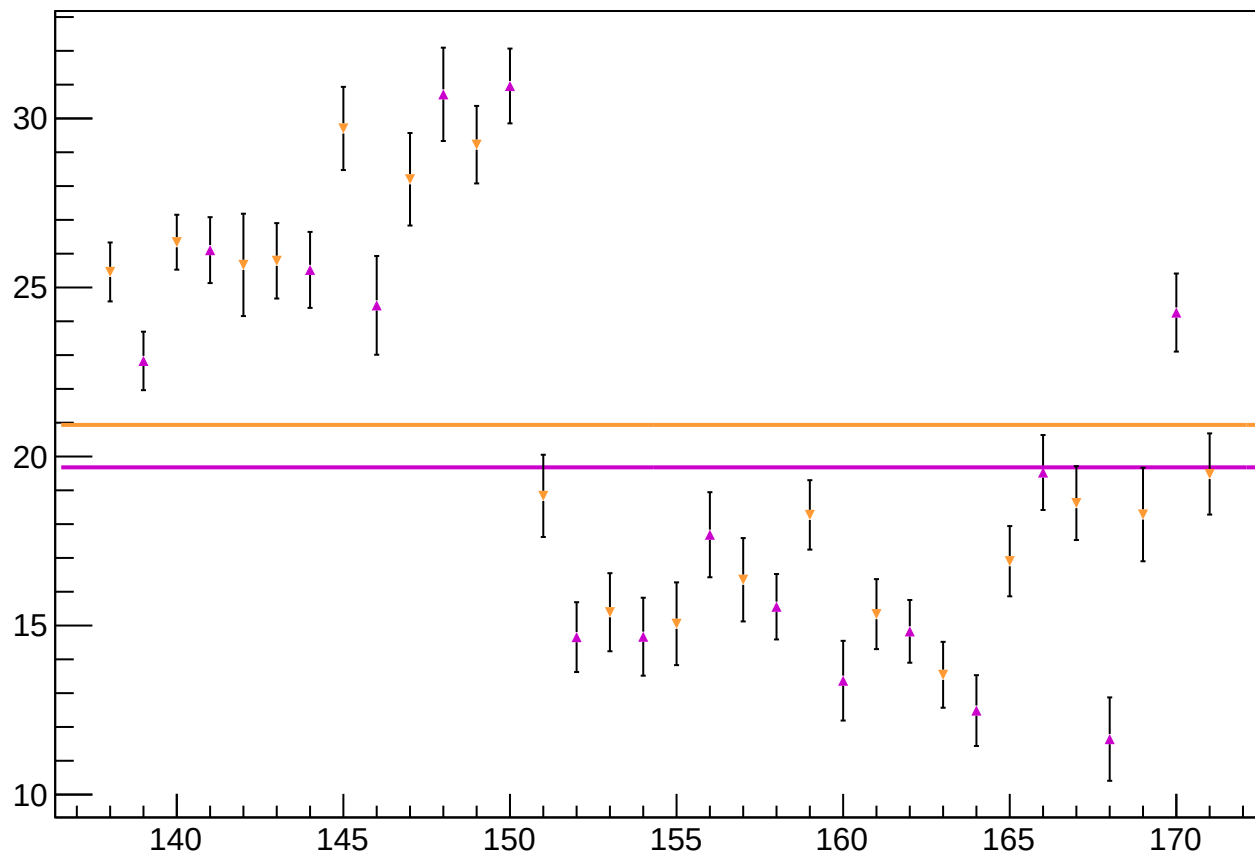
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.138 ± 0.008 χ^2/NDF : 2638.4/32

Out: -0.181 ± 0.008 χ^2/NDF : 2047.2/36

All: -0.160 ± 0.006 χ^2/NDF : 4700.7/69

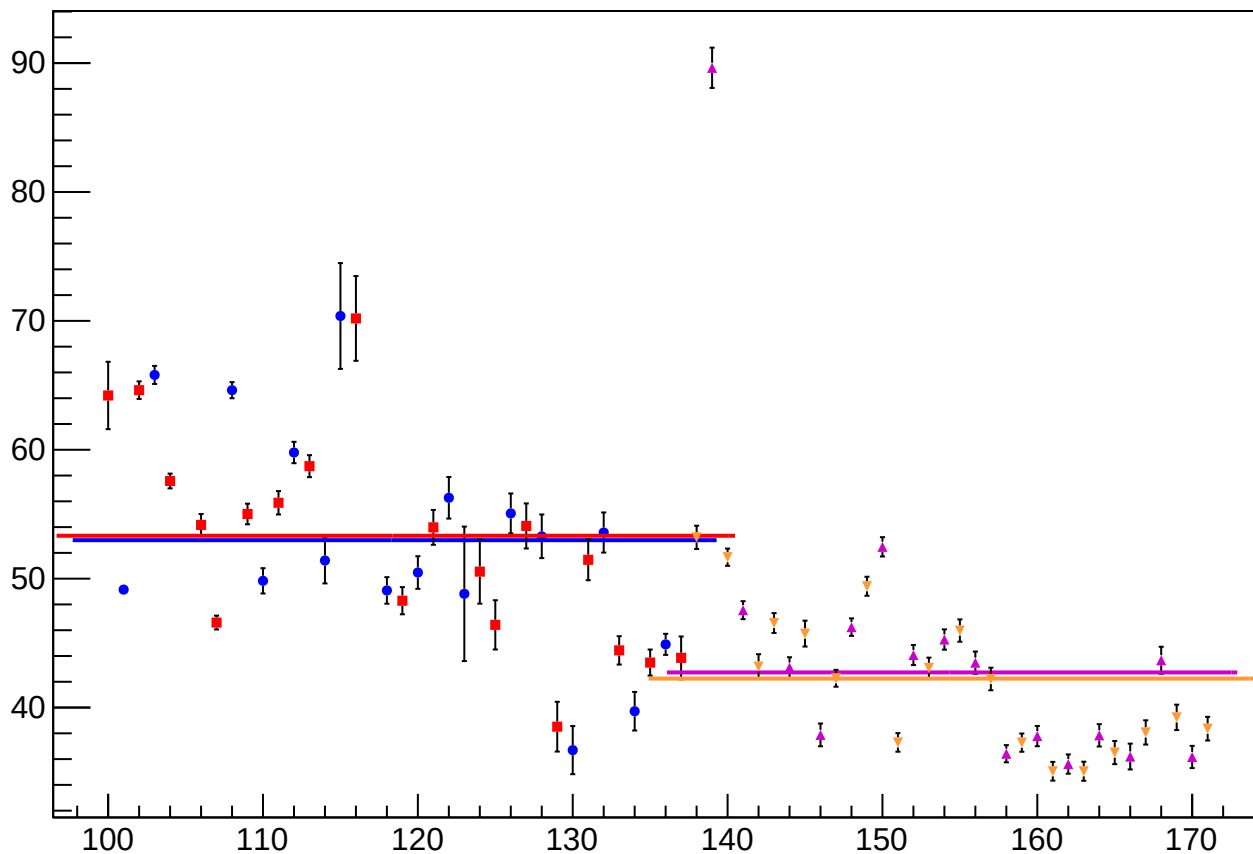
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.935 $\pm$ 0.261 χ^2 /NDF:412.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.680 $\pm$ 0.273 χ^2 /NDF:487.0/15

Left: 20.337 $\pm$ 0.189 χ^2 /NDF: 910.3/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.680 $\pm$ 0.273 χ^2 /NDF:487.0/15
 Out: 20.935 $\pm$ 0.261 χ^2 /NDF:412.3/17
 All: 20.337 $\pm$ 0.189 χ^2 /NDF: 910.3/33

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 ± 0.210 χ^2/NDF : 1197.9/16

Left Out: 42.247 ± 0.190 χ^2/NDF : 878.7/17

Right Out: 53.330 ± 0.227 χ^2/NDF : 873.8/18

Left In: 42.725 ± 0.204 χ^2/NDF : 1541.7/15

Left: 42.469 ± 0.139 χ^2/NDF : 2423.4/33

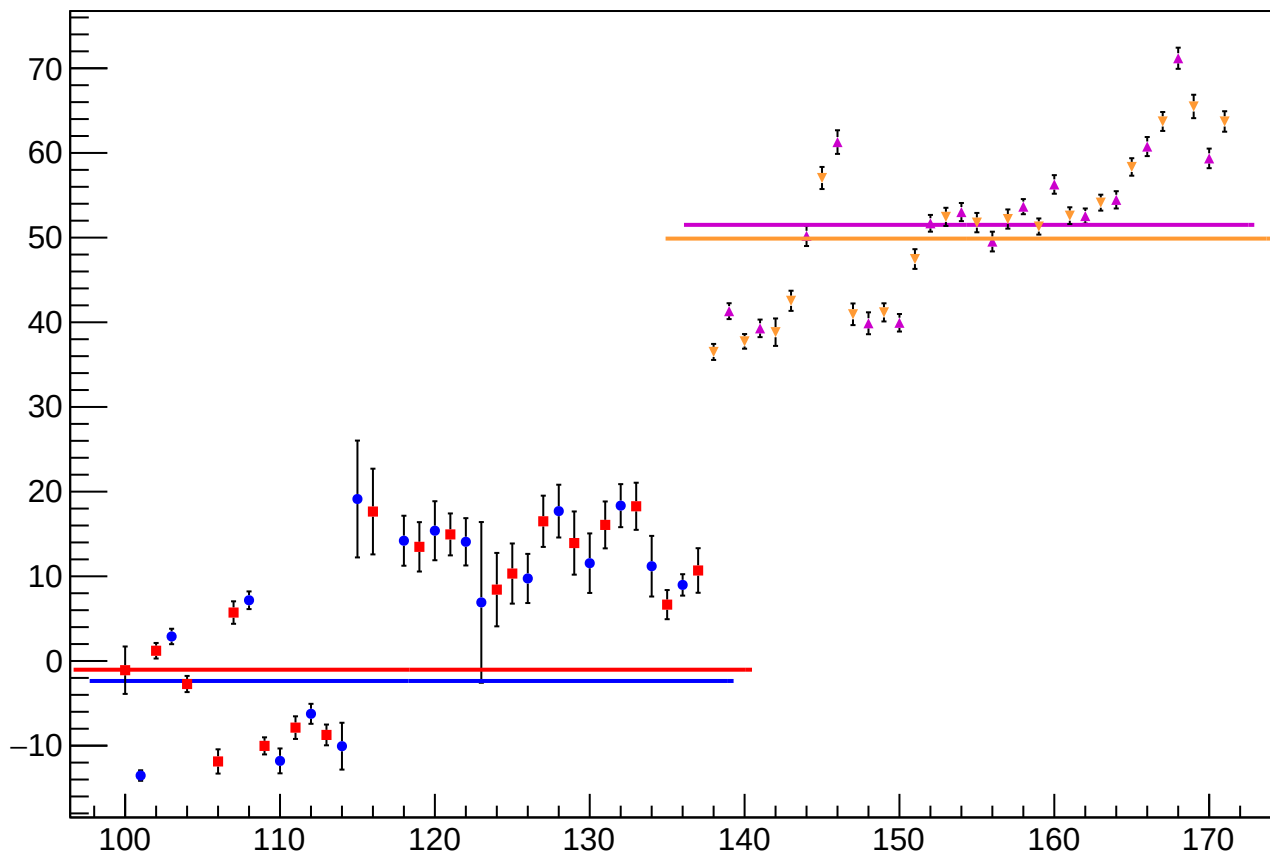
Right: 53.145 ± 0.154 χ^2/NDF : 2073.0/35

In: 47.691 ± 0.146 χ^2/NDF : 3967.7/32

Out: 46.813 ± 0.145 χ^2/NDF : 3160.2/36

All: 47.249 ± 0.103 χ^2/NDF : 7145.9/69

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 49.884 ± 0.258 χ^2/NDF : 1152.9/17

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 51.506 ± 0.268 χ^2/NDF : 914.4/15

Left: 50.666 ± 0.186 χ^2/NDF : 2086.3/33

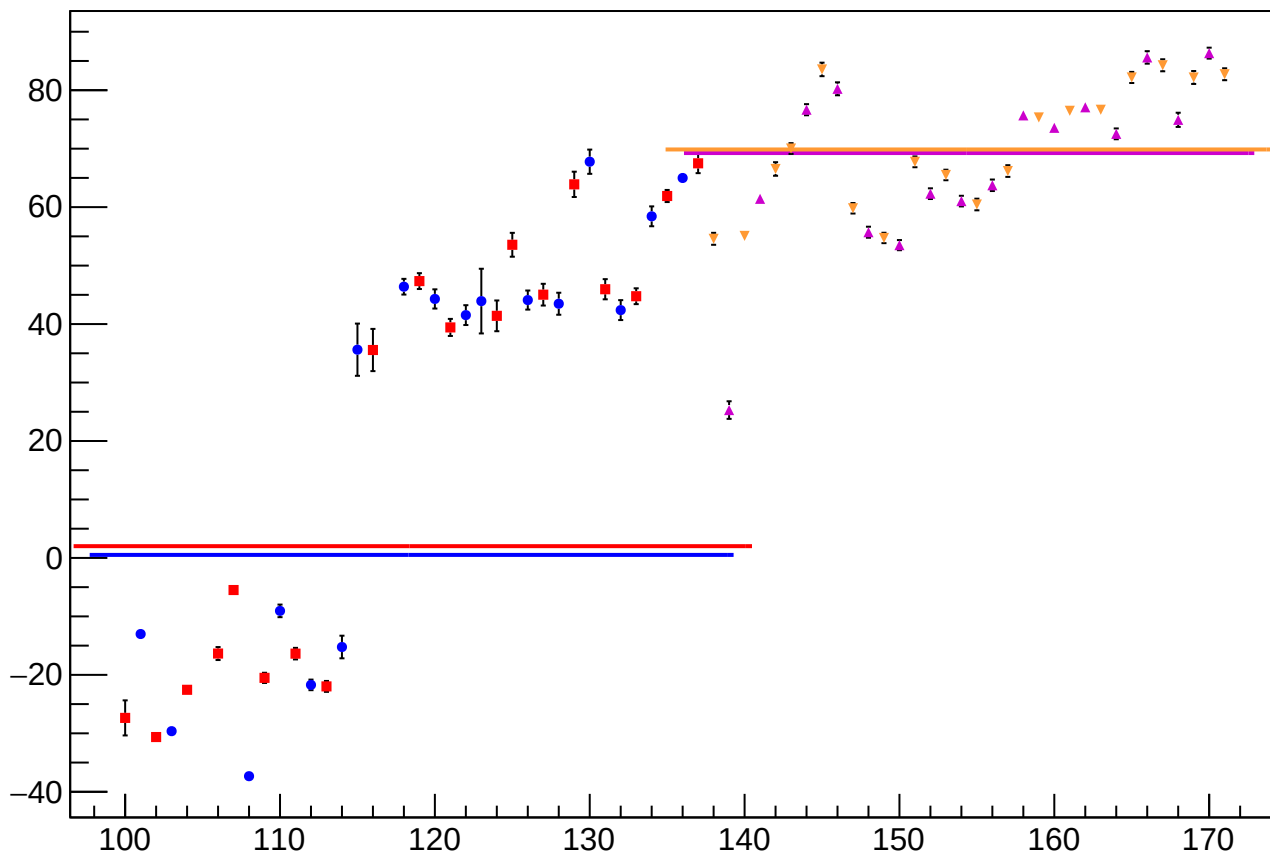
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 32.572 ± 0.216 χ^2/NDF : 15943.4/32

Out: 33.592 ± 0.213 χ^2/NDF : 14076.3/36

All: 33.089 ± 0.152 χ^2/NDF : 30031.0/69

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 69.864 $\pm$ 0.218 χ^2 /NDF:2102.0/17

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 69.250 $\pm$ 0.232 χ^2 /NDF:2618.5/15

Left: 69.576 $\pm$ 0.159 χ^2 /NDF: 4724.2/33

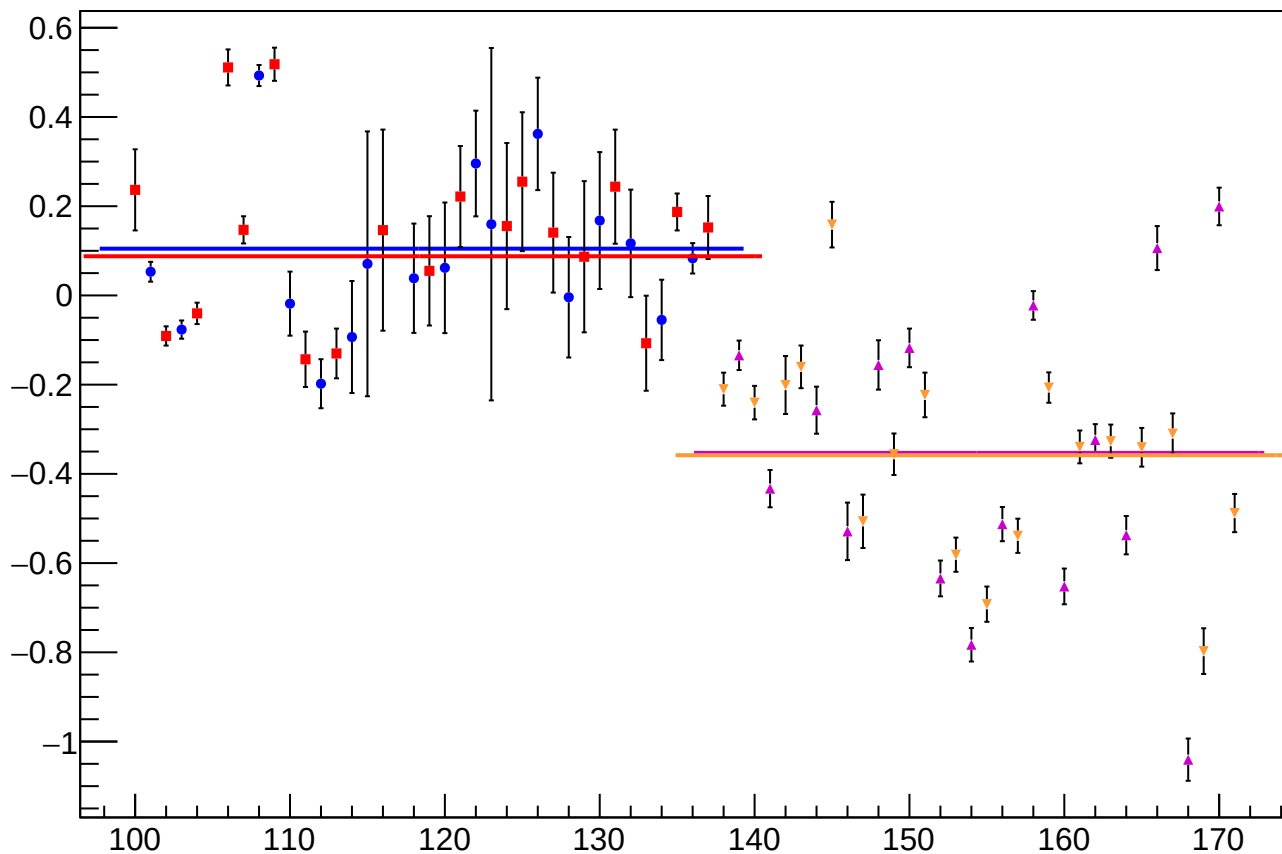
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 37.030 $\pm$ 0.169 χ^2 /NDF:62163.3/32

Out: 42.615 $\pm$ 0.169 χ^2 /NDF:56409.2/36

All: 39.827 $\pm$ 0.119 χ^2 /NDF: 119119.0/69

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: -0.358 ± 0.010 $\chi^2/\text{NDF}: 396.8/17$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.353 ± 0.010 $\chi^2/\text{NDF}: 948.3/15$

Left: -0.356 ± 0.007 $\chi^2/\text{NDF}: 1345.2/33$

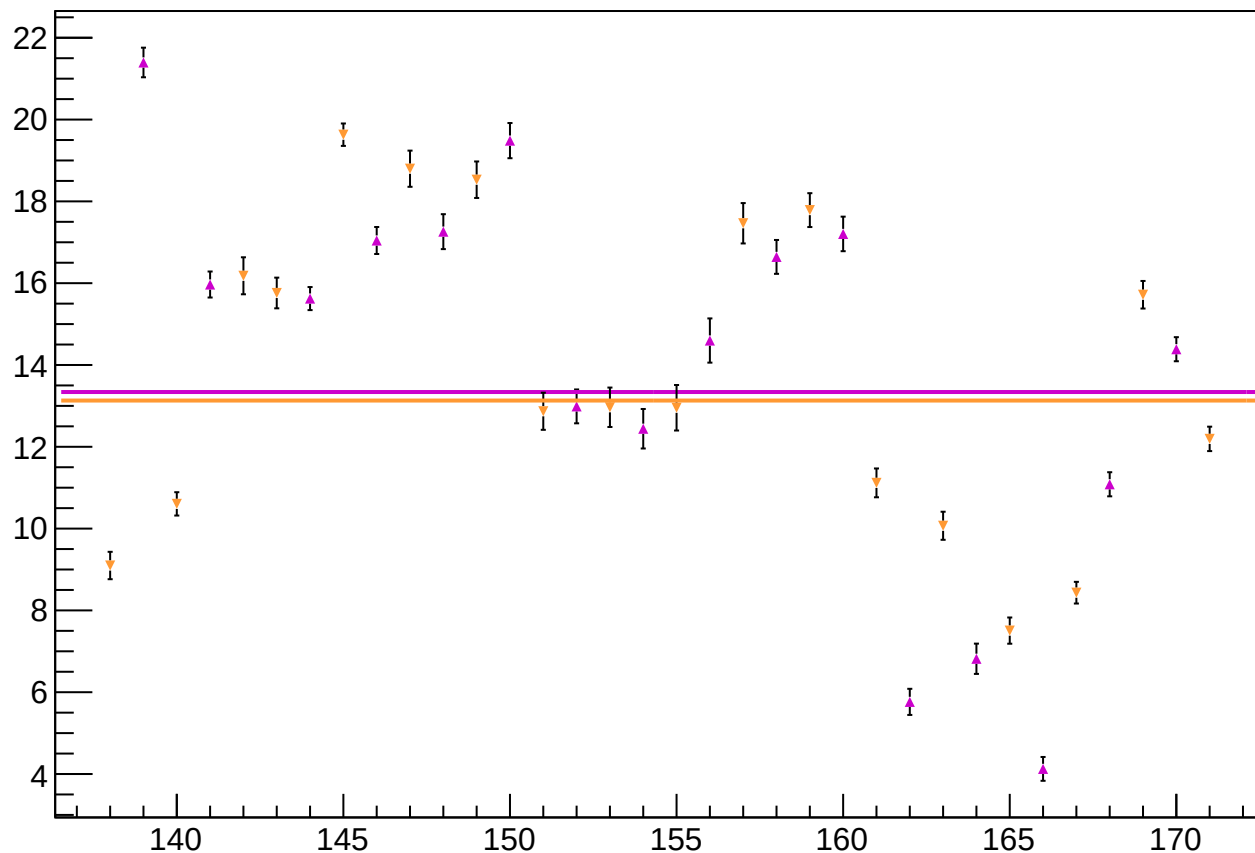
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.138 ± 0.008 $\chi^2/\text{NDF}: 2263.8/32$

Out: -0.155 ± 0.007 $\chi^2/\text{NDF}: 1683.9/36$

All: -0.147 ± 0.005 $\chi^2/\text{NDF}: 3950.3/69$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.131+/-0.085 χ^2/NDF :2198.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.339+/-0.089 χ^2/NDF :3145.2/15

Left: 13.230+/-0.061 χ^2/NDF : 5346.5/33

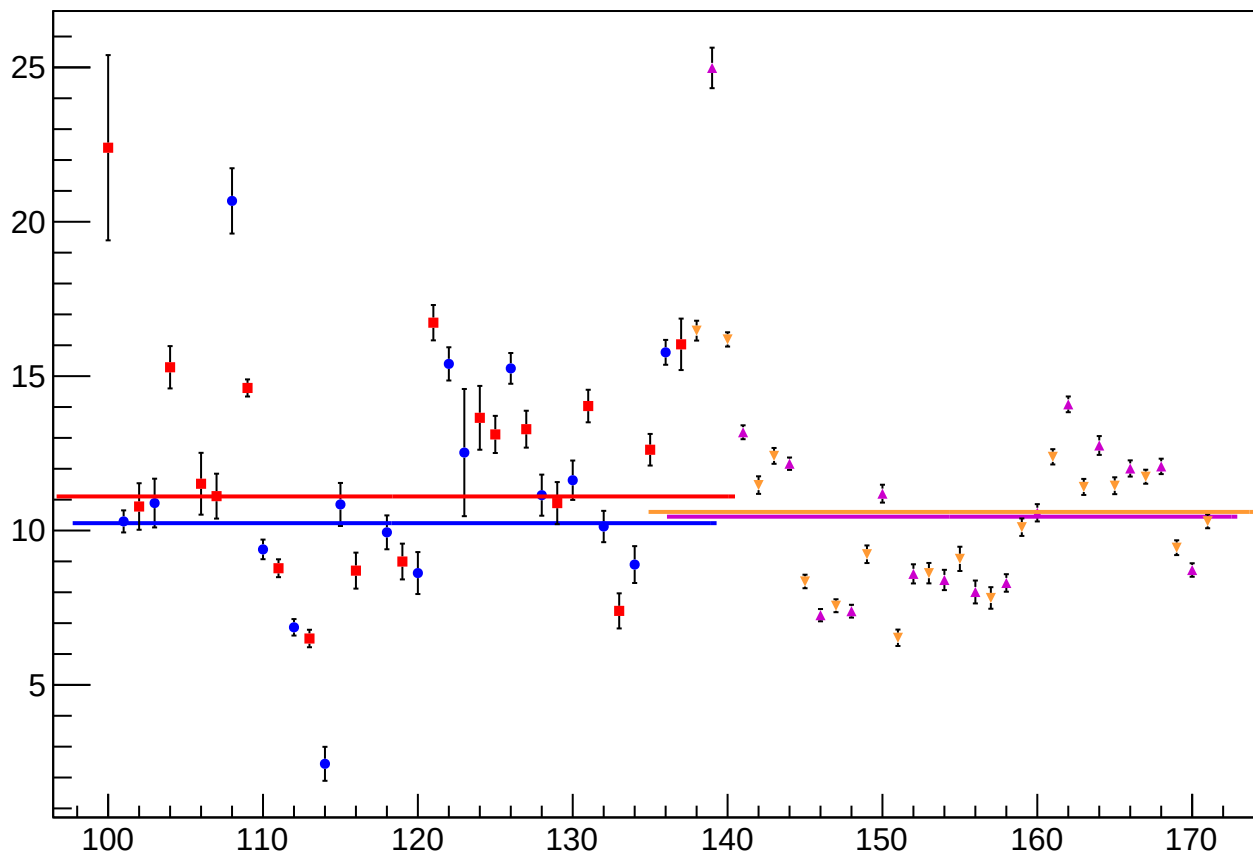
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.339+/-0.089 χ^2/NDF :3145.2/15

Out: 13.131+/-0.085 χ^2/NDF :2198.4/17

All: 13.230+/-0.061 χ^2/NDF : 5346.5/33

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 10.603 ± 0.062 χ^2/NDF : 1789.2/17

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 10.448 ± 0.065 χ^2/NDF : 1768.8/15

Left: 10.529 ± 0.045 χ^2/NDF : 3561.0/33

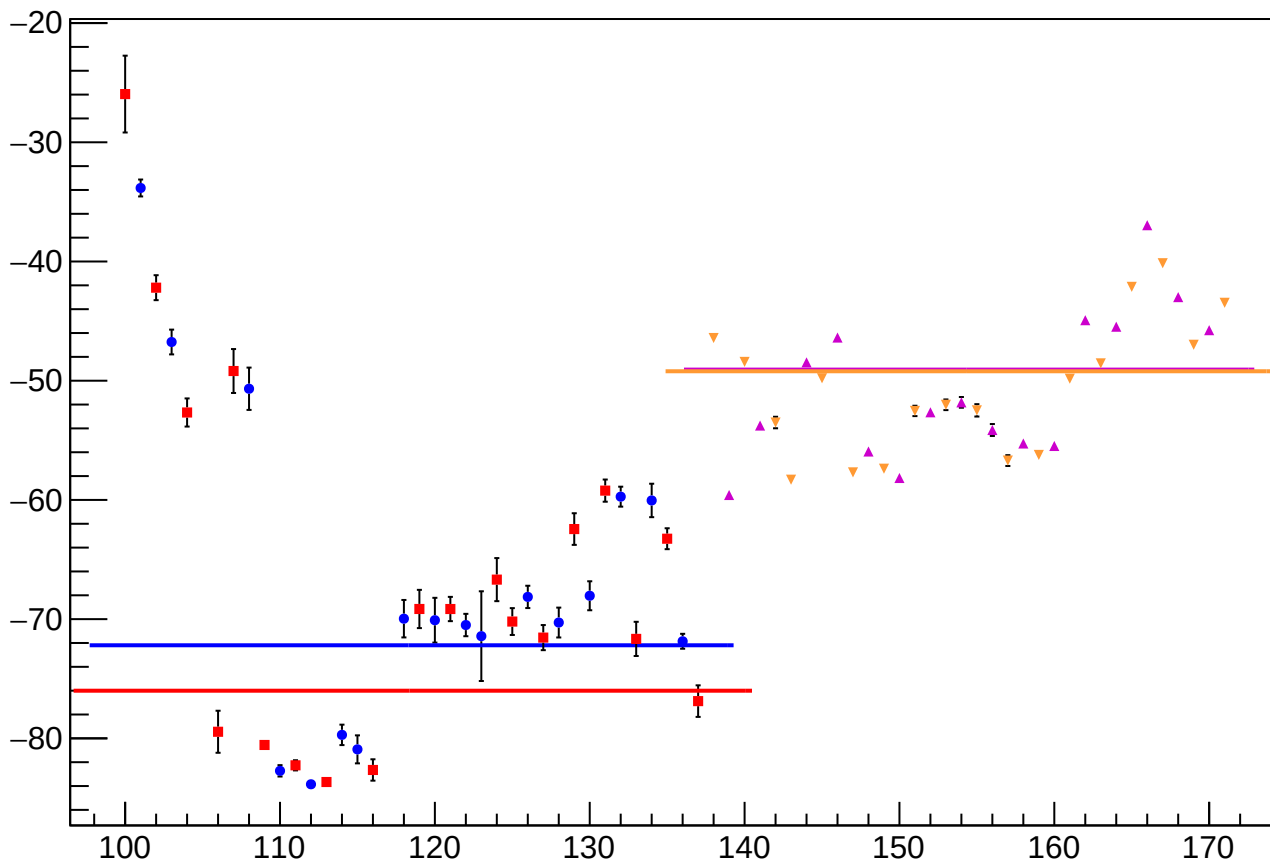
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 10.400 ± 0.057 χ^2/NDF : 2638.6/32

Out: 10.713 ± 0.054 χ^2/NDF : 2618.8/36

All: 10.563 ± 0.039 χ^2/NDF : 5273.2/69

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -49.207 ± 0.085 χ^2/NDF : 4242.5/17

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -49.068 ± 0.088 χ^2/NDF : 5038.2/15

Left: -49.140 ± 0.061 χ^2/NDF : 9282.1/33

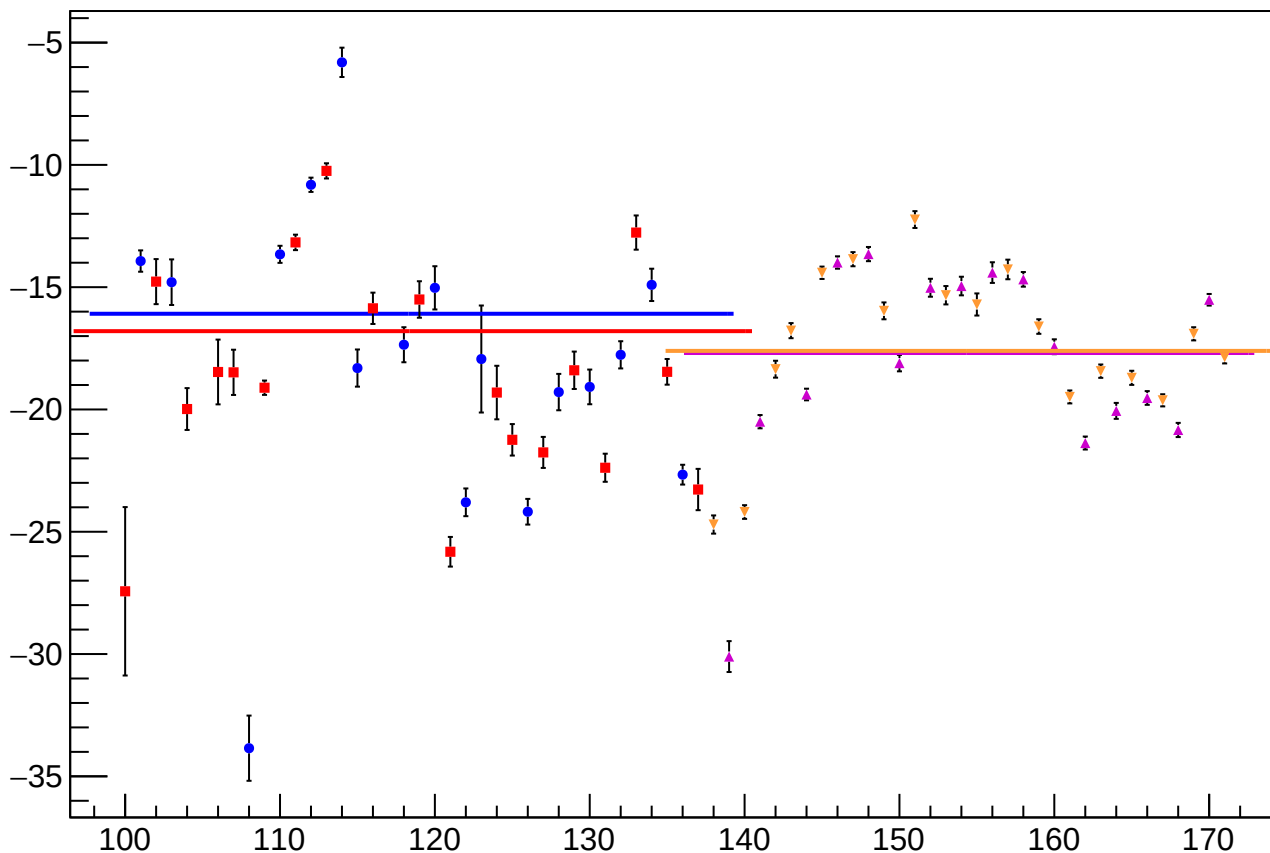
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -52.865 ± 0.080 χ^2/NDF : 21985.8/32

Out: -54.031 ± 0.077 χ^2/NDF : 25689.9/36

All: -53.474 ± 0.055 χ^2/NDF : 47785.8/69

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.605 ± 0.071 χ^2/NDF : 1805.0/17

Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -17.691 ± 0.075 χ^2/NDF : 1708.8/15

Left: -17.646 ± 0.052 χ^2/NDF : 3514.5/33

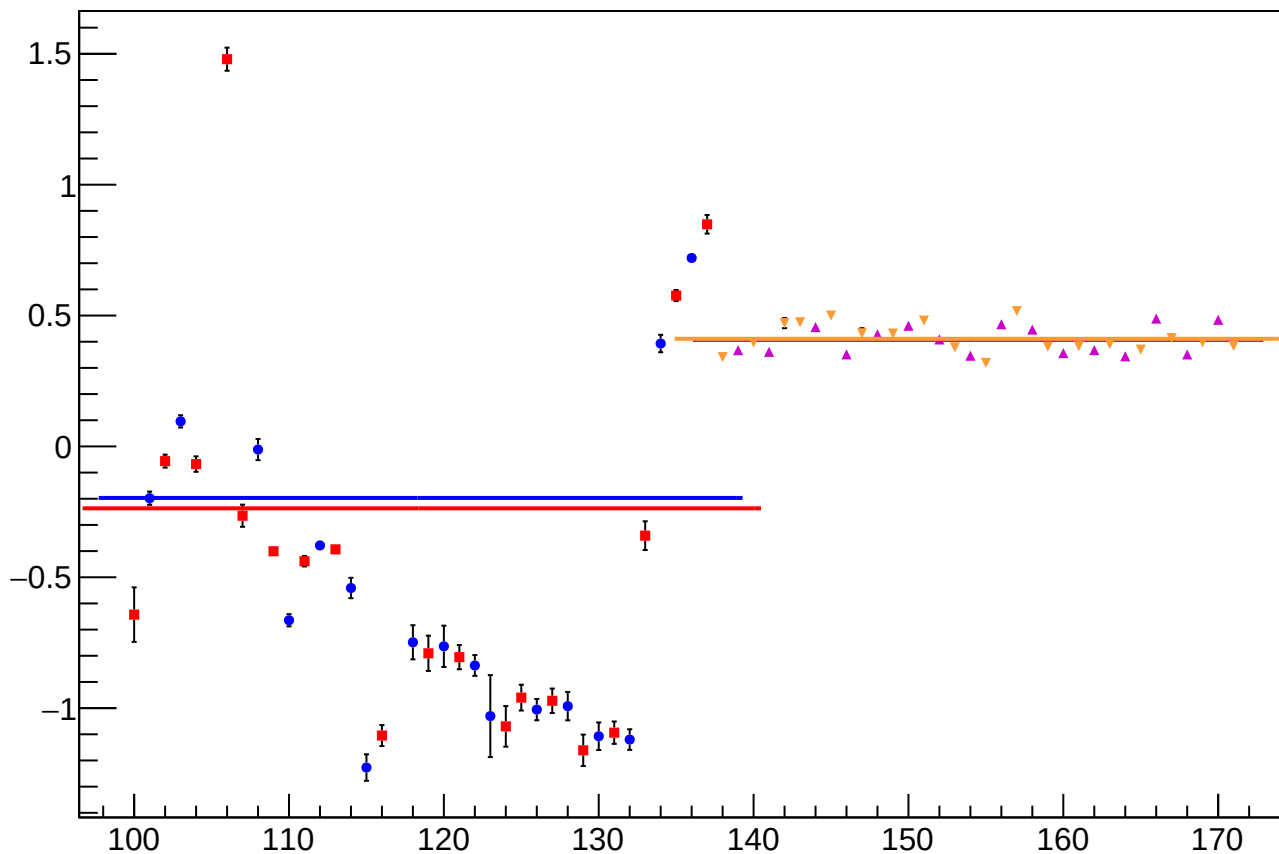
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -17.301 ± 0.065 χ^2/NDF : 3441.6/32

Out: -17.415 ± 0.062 χ^2/NDF : 3049.4/36

All: -17.361 ± 0.045 χ^2/NDF : 6492.6/69

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.411 ± 0.003 χ^2/NDF : 233.6/17

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.407 ± 0.003 χ^2/NDF : 249.3/15

Left: 0.409 ± 0.002 χ^2/NDF : 483.9/33

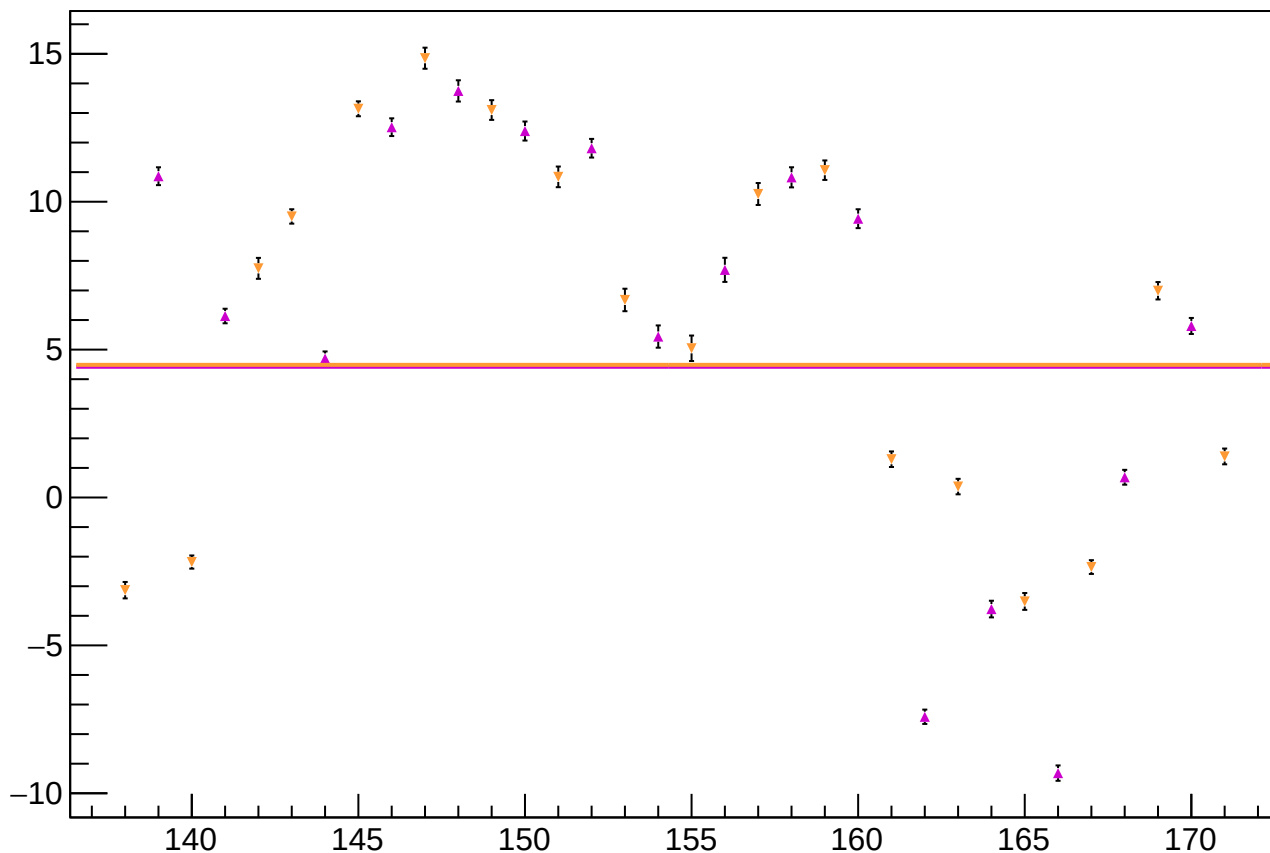
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.301 ± 0.003 χ^2/NDF : 11856.6/32

Out: 0.297 ± 0.003 χ^2/NDF : 13181.2/36

All: 0.299 ± 0.002 χ^2/NDF : 25038.6/69

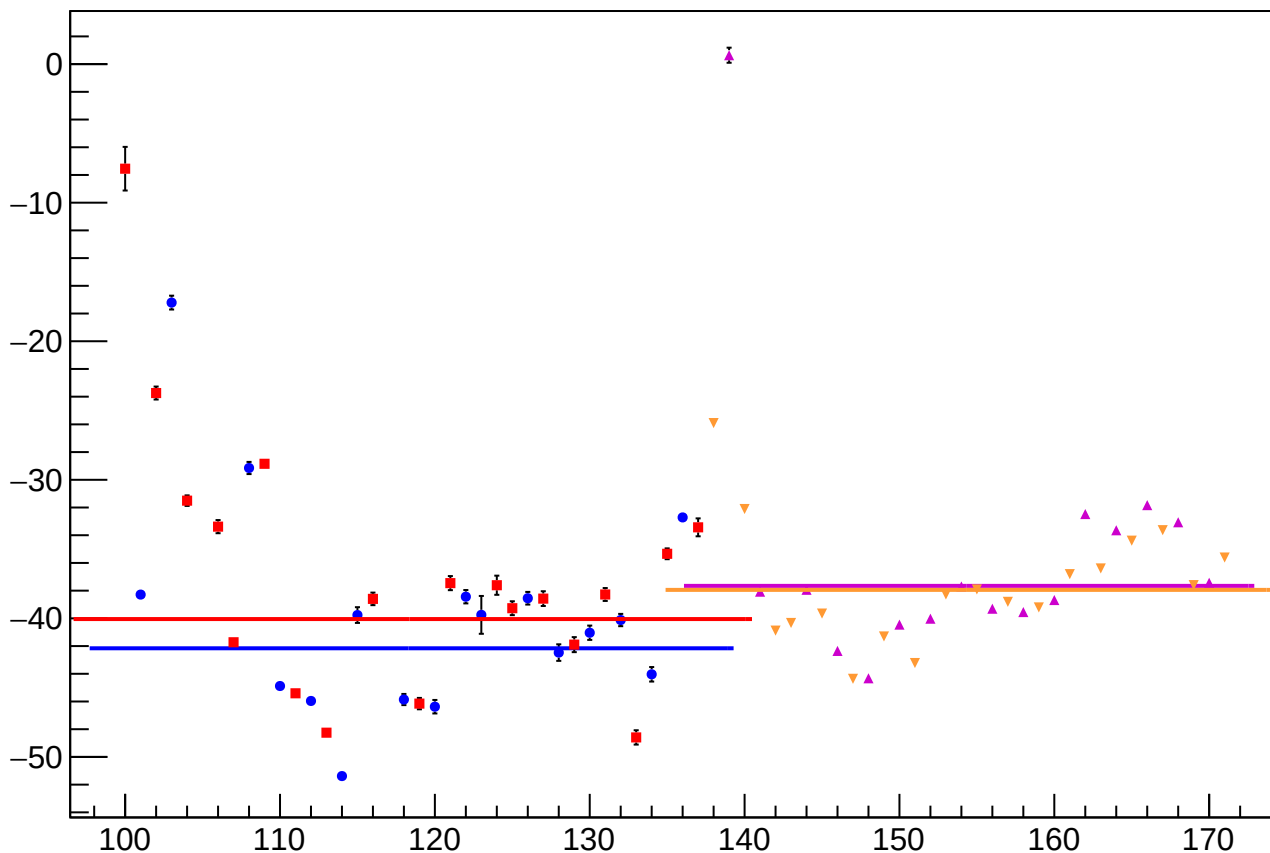
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.485 $\pm$ 0.069 χ^2 /NDF:8108.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.420 $\pm$ 0.073 χ^2 /NDF:10017.5/15

Left: 4.454 $\pm$ 0.050 χ^2 /NDF: 18125.9/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.420 $\pm$ 0.073 χ^2 /NDF:10017.5/15
 Out: 4.485 $\pm$ 0.069 χ^2 /NDF:8108.0/17
 All: 4.454 $\pm$ 0.050 χ^2 /NDF: 18125.9/33

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -37.945 ± 0.050 χ^2/NDF : 6771.8/17

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -37.655 ± 0.054 χ^2/NDF : 9512.8/15

Left: -37.811 ± 0.036 χ^2/NDF : 16300.3/33

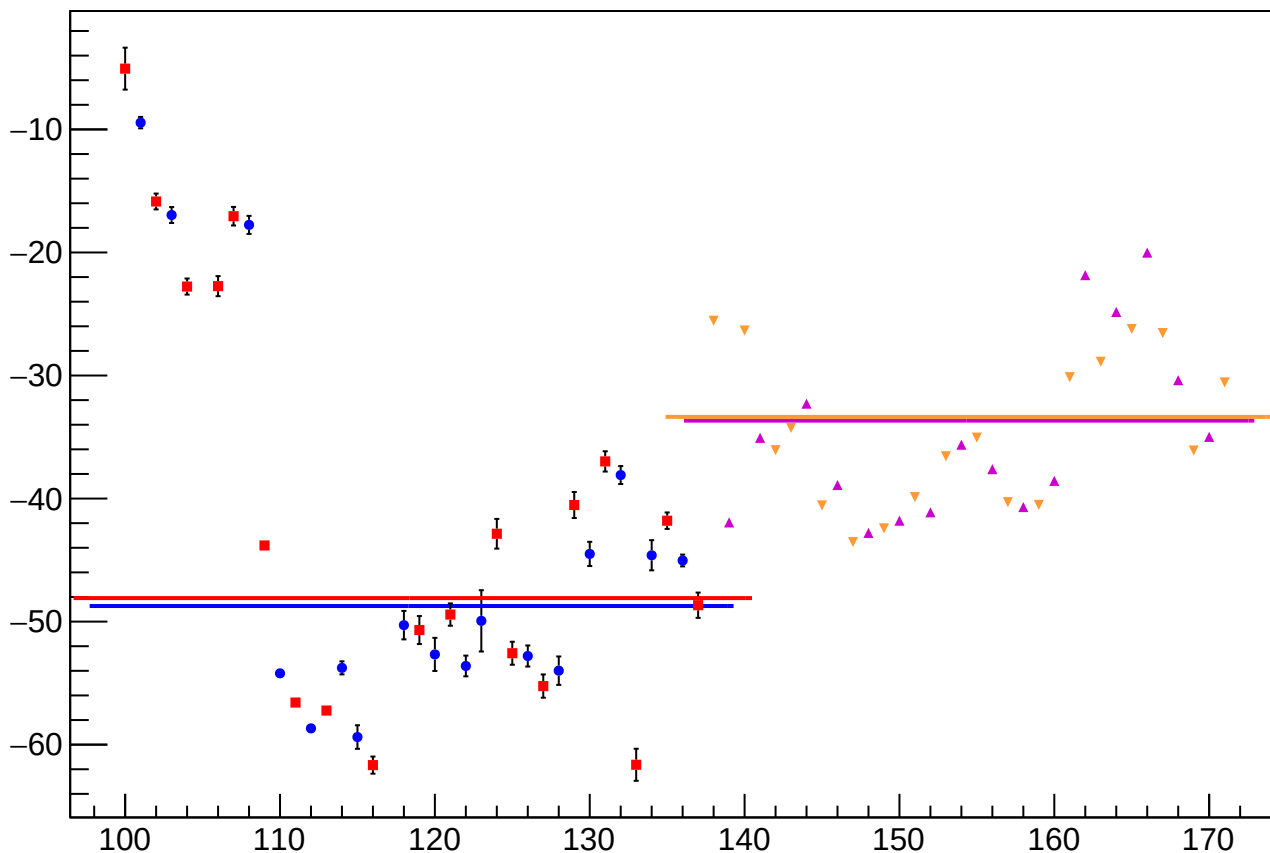
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -39.100 ± 0.044 χ^2/NDF : 18354.2/32

Out: -38.612 ± 0.041 χ^2/NDF : 18654.8/36

All: -38.838 ± 0.030 χ^2/NDF : 37074.6/69

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: -33.360 ± 0.068 $\chi^2/\text{NDF}: 7676.8/17$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -33.665 ± 0.072 $\chi^2/\text{NDF}: 10470.8/15$

Left: -33.505 ± 0.050 $\chi^2/\text{NDF}: 18157.1/33$

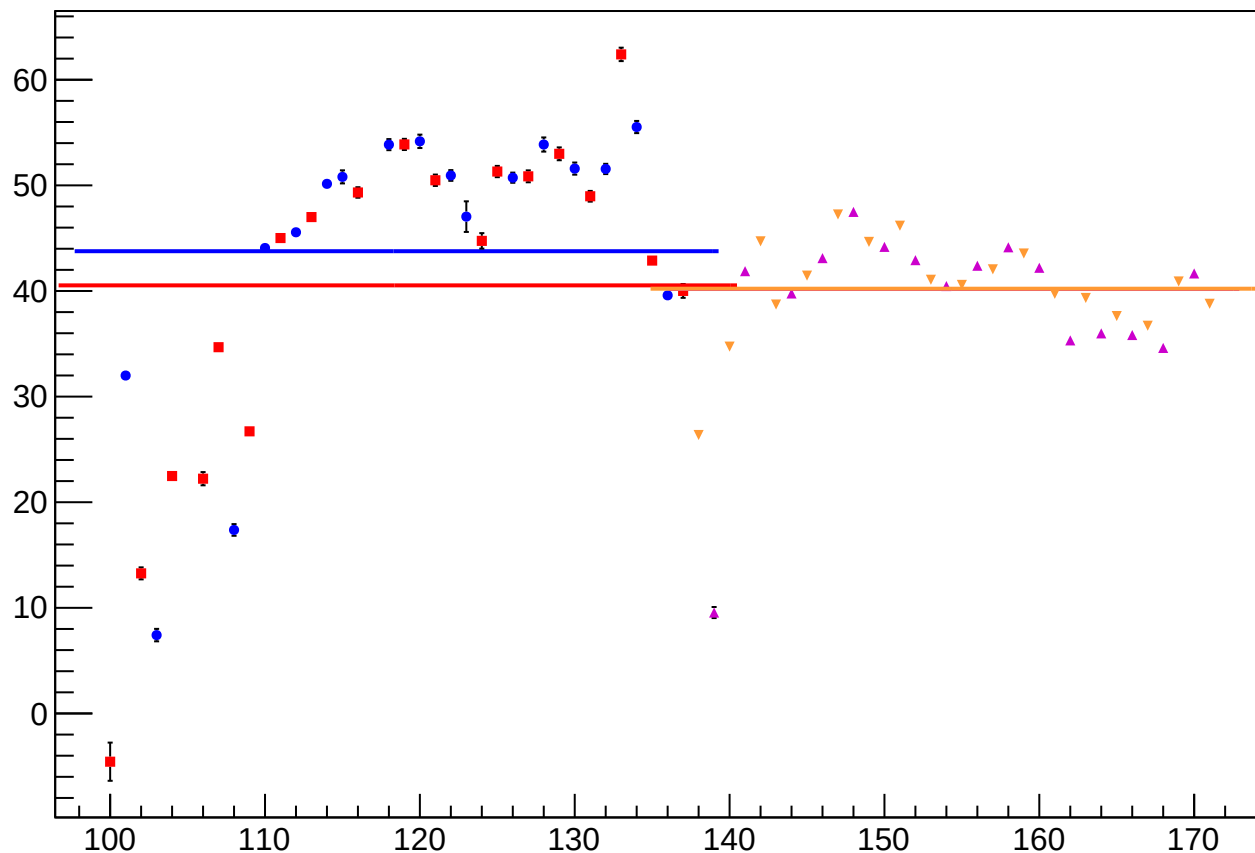
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -37.423 ± 0.062 $\chi^2/\text{NDF}: 36091.9/32$

Out: -37.629 ± 0.058 $\chi^2/\text{NDF}: 32811.0/36$

All: -37.534 ± 0.042 $\chi^2/\text{NDF}: 68908.8/69$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 $\chi^2/\text{NDF}: 10633.5/16$

Left Out: 40.216 ± 0.057 $\chi^2/\text{NDF}: 5351.8/17$

Right Out: 40.531 ± 0.080 $\chi^2/\text{NDF}: 17580.8/18$

Left In: 40.188 ± 0.062 $\chi^2/\text{NDF}: 6977.9/15$

Left: 40.203 ± 0.042 $\chi^2/\text{NDF}: 12329.9/33$

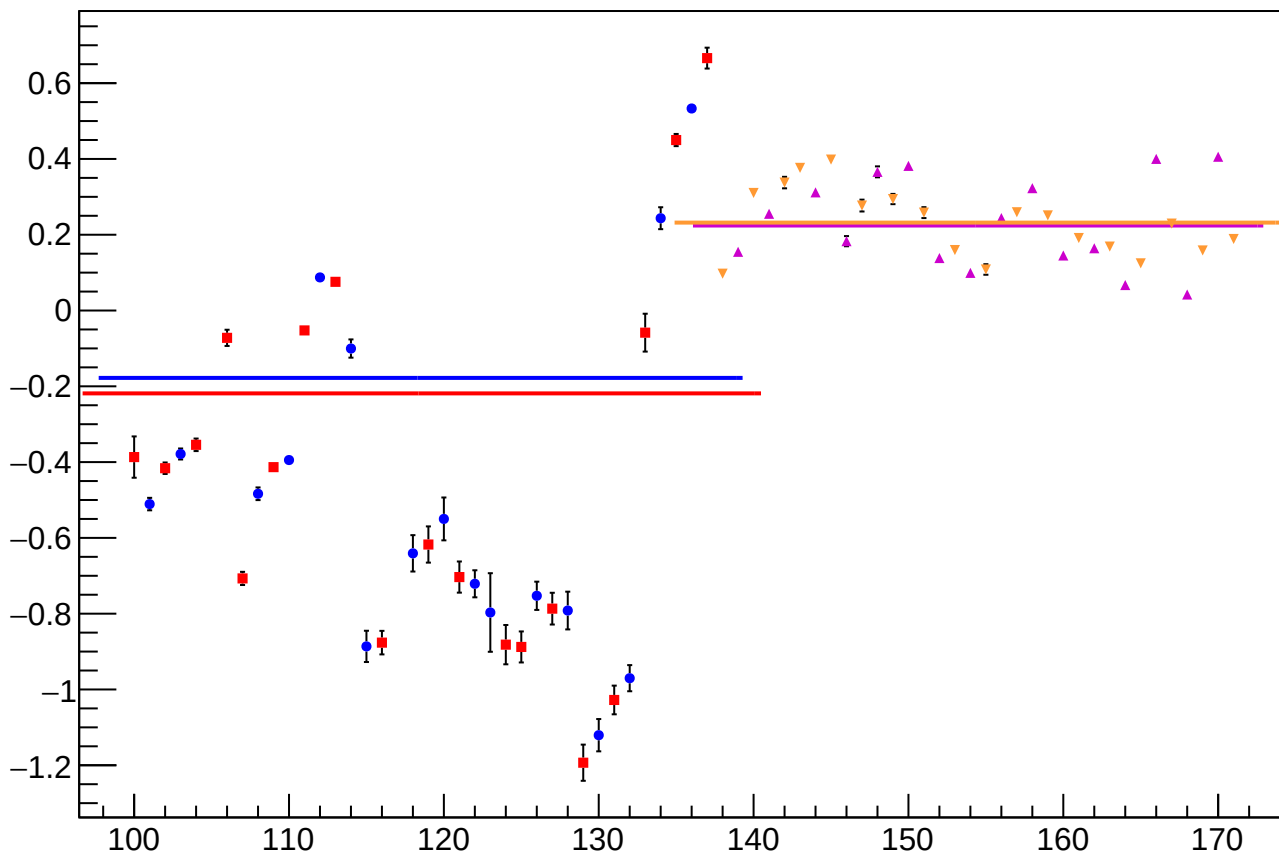
Right: 42.021 ± 0.059 $\chi^2/\text{NDF}: 28963.8/35$

In: 41.384 ± 0.050 $\chi^2/\text{NDF}: 18743.2/32$

Out: 40.322 ± 0.047 $\chi^2/\text{NDF}: 22942.9/36$

All: 40.814 ± 0.034 $\chi^2/\text{NDF}: 41926.5/69$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 $\pm$ 0.005 χ^2 /NDF: 7364.4/16

Left Out: 0.232 $\pm$ 0.003 χ^2 /NDF:1035.2/17

Right Out: -0.219 $\pm$ 0.004 χ^2 /NDF: 7465.2/18

Left In: 0.224 $\pm$ 0.003 χ^2 /NDF:1800.4/15

Left: 0.228 $\pm$ 0.002 χ^2 /NDF: 2839.5/33

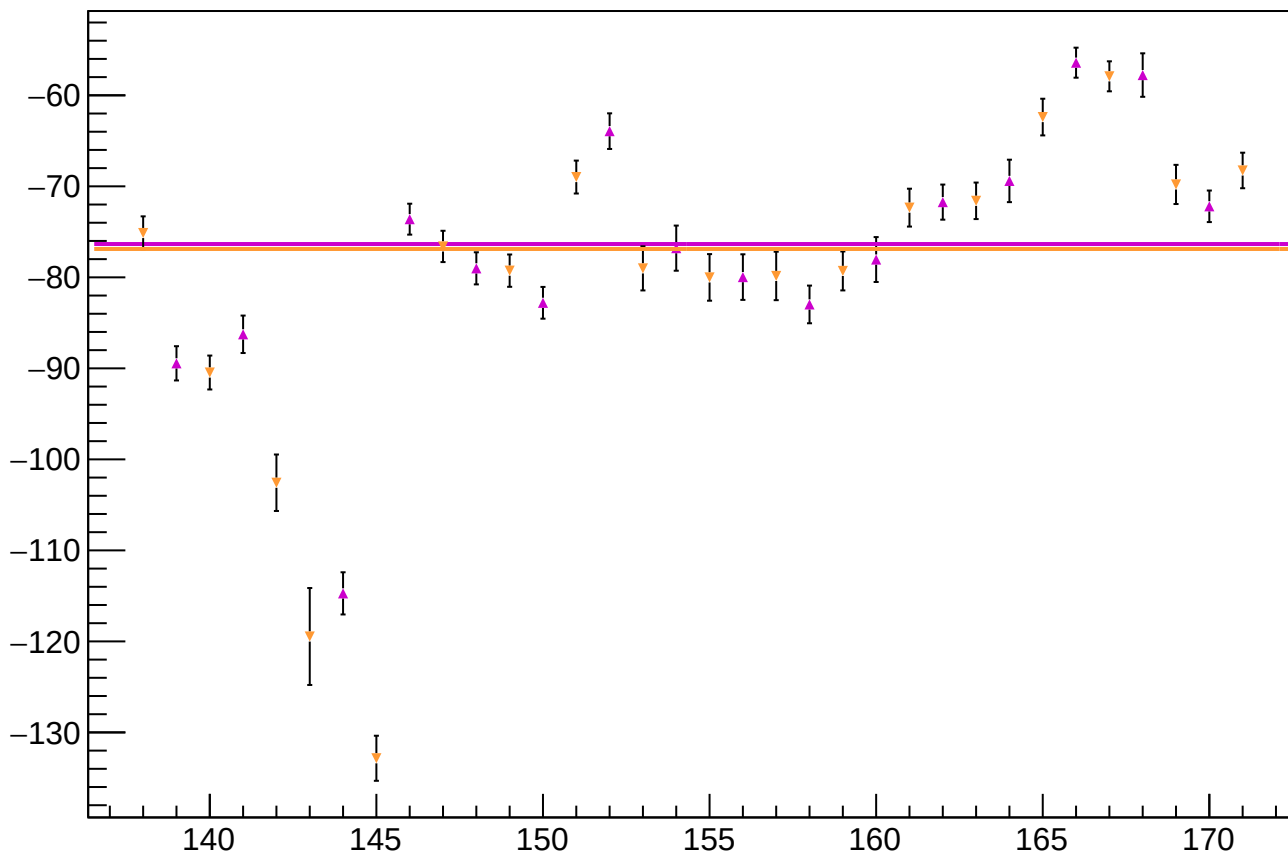
Right: -0.201 $\pm$ 0.003 χ^2 /NDF: 14869.5/35

In: 0.122 $\pm$ 0.002 χ^2 /NDF:14305.1/32

Out: 0.106 $\pm$ 0.002 χ^2 /NDF:16414.1/36

All: 0.113 $\pm$ 0.002 χ^2 /NDF: 30742.1/69

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -76.884 $\pm$ 0.494 χ^2 /NDF:949.3/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -76.339 $\pm$ 0.499 χ^2 /NDF:644.2/15

Left: -76.614 $\pm$ 0.351 χ^2 /NDF: 1594.2/33

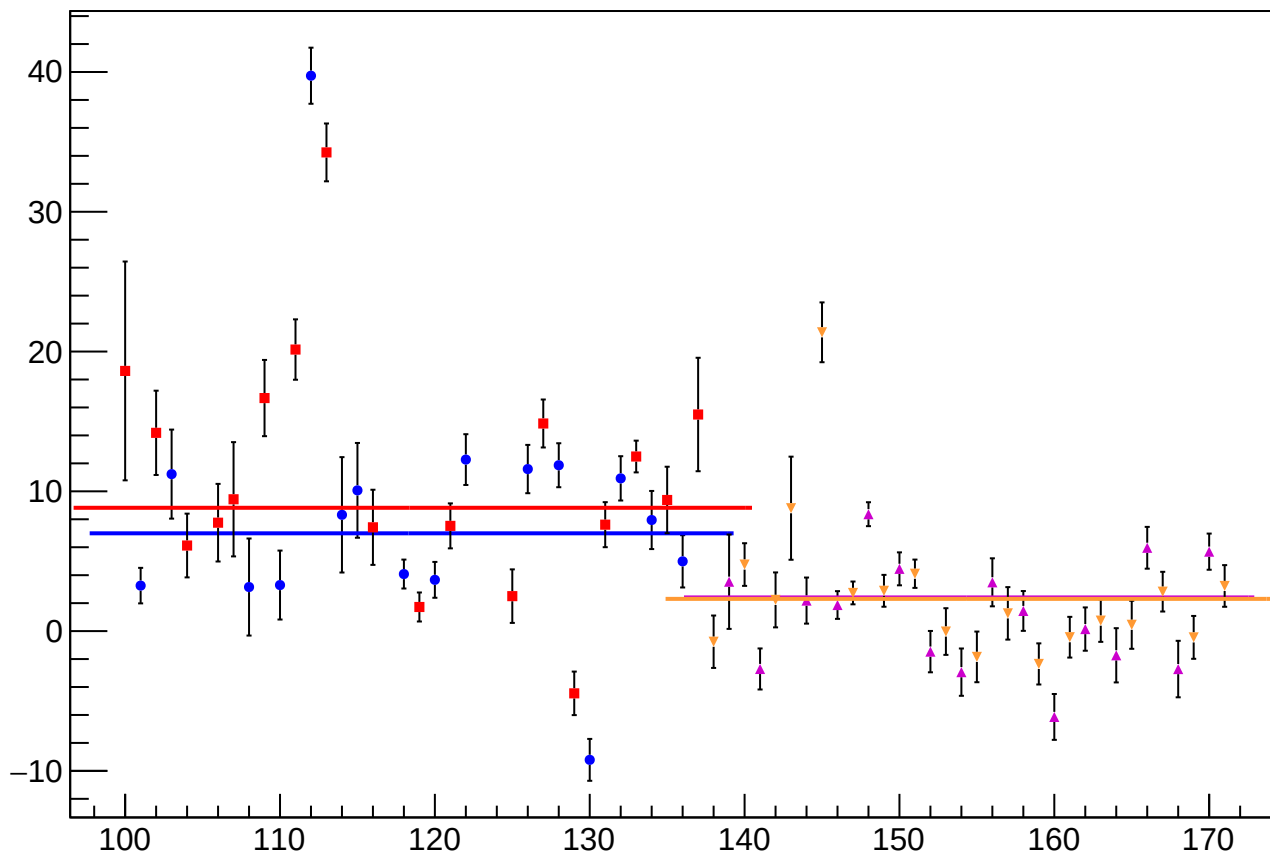
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -76.339 $\pm$ 0.499 χ^2 /NDF:644.2/15

Out: -76.884 $\pm$ 0.494 χ^2 /NDF:949.3/17

All: -76.614 $\pm$ 0.351 χ^2 /NDF: 1594.2/33

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 χ^2/NDF : 445.3/15

Left Out: 2.306 ± 0.342 χ^2/NDF : 118.5/17

Right Out: 8.822 ± 0.449 χ^2/NDF : 350.4/17

Left In: 2.410 ± 0.353 χ^2/NDF : 134.0/15

Left: 2.356 ± 0.246 χ^2/NDF : 252.5/33

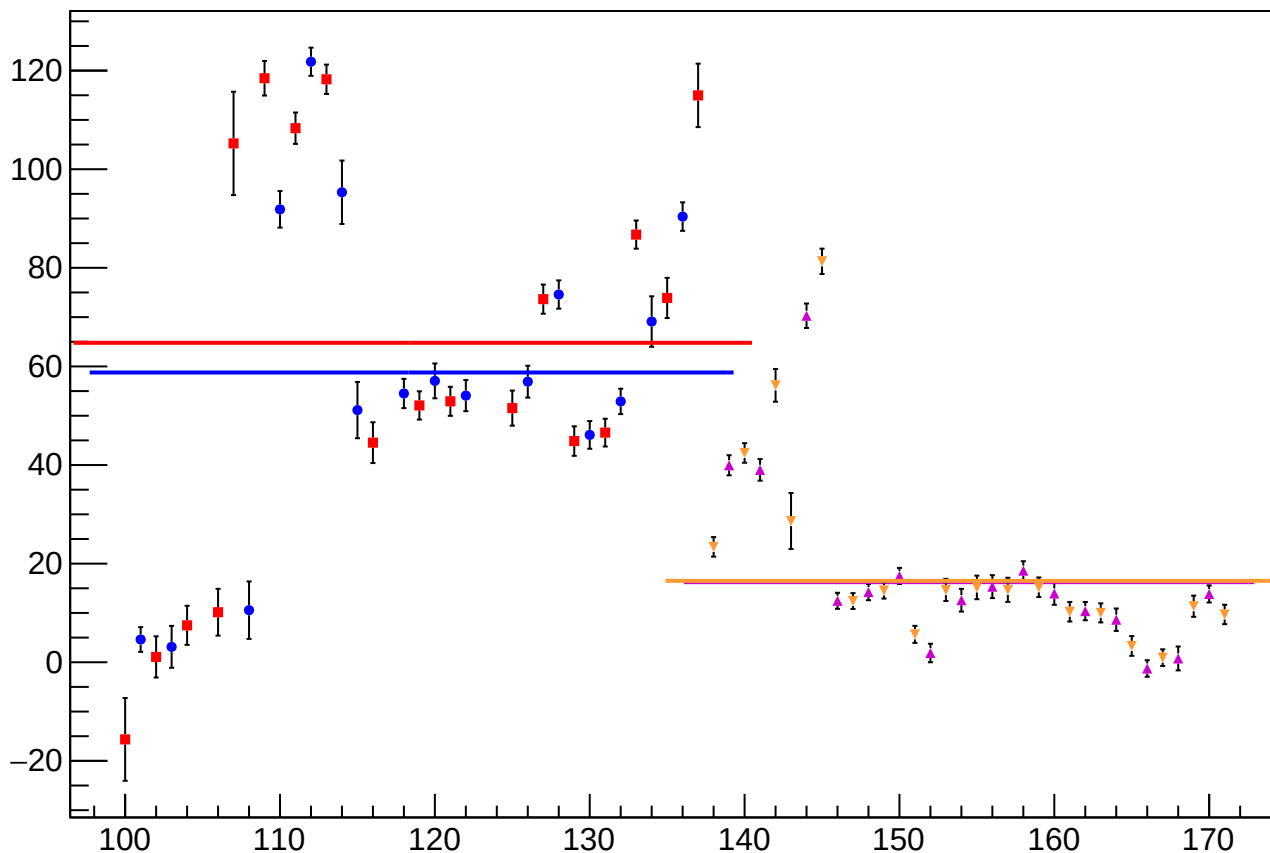
Right: 7.879 ± 0.312 χ^2/NDF : 804.3/33

In: 4.238 ± 0.274 χ^2/NDF : 646.4/31

Out: 4.703 ± 0.272 χ^2/NDF : 602.2/35

All: 4.472 ± 0.193 χ^2/NDF : 1250.1/67

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: 16.513 $\pm$ 0.485 χ^2 /NDF:1183.6/17

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 16.245 $\pm$ 0.488 χ^2 /NDF:963.2/15

Left: 16.380 $\pm$ 0.344 χ^2 /NDF: 2146.9/33

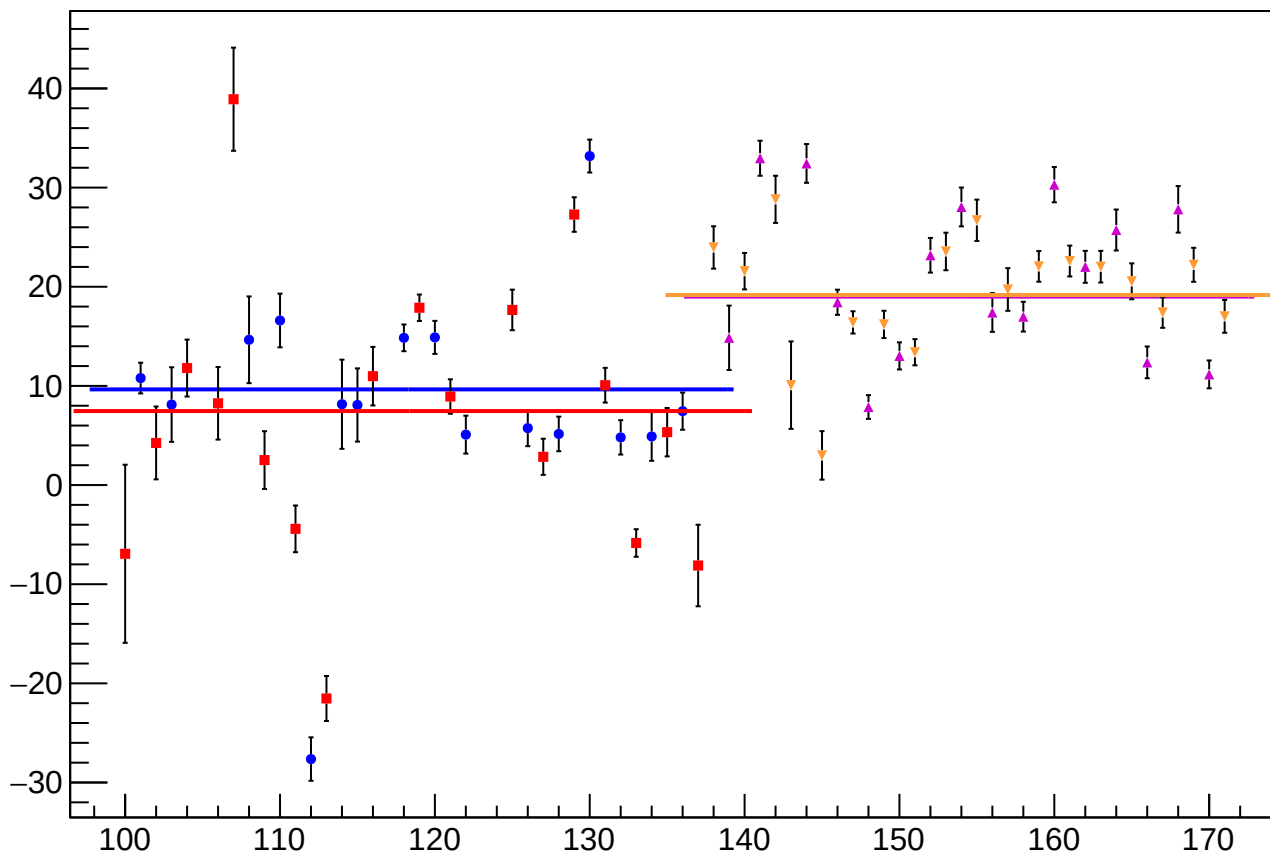
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 27.118 $\pm$ 0.421 χ^2 /NDF:4396.7/31

Out: 28.560 $\pm$ 0.420 χ^2 /NDF:5377.8/35

All: 27.841 $\pm$ 0.297 χ^2 /NDF: 9780.4/67

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 19.165 ± 0.402 $\chi^2/\text{NDF}: 137.8/17$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 19.004 ± 0.414 $\chi^2/\text{NDF}: 363.4/15$

Left: 19.087 ± 0.288 $\chi^2/\text{NDF}: 501.3/33$

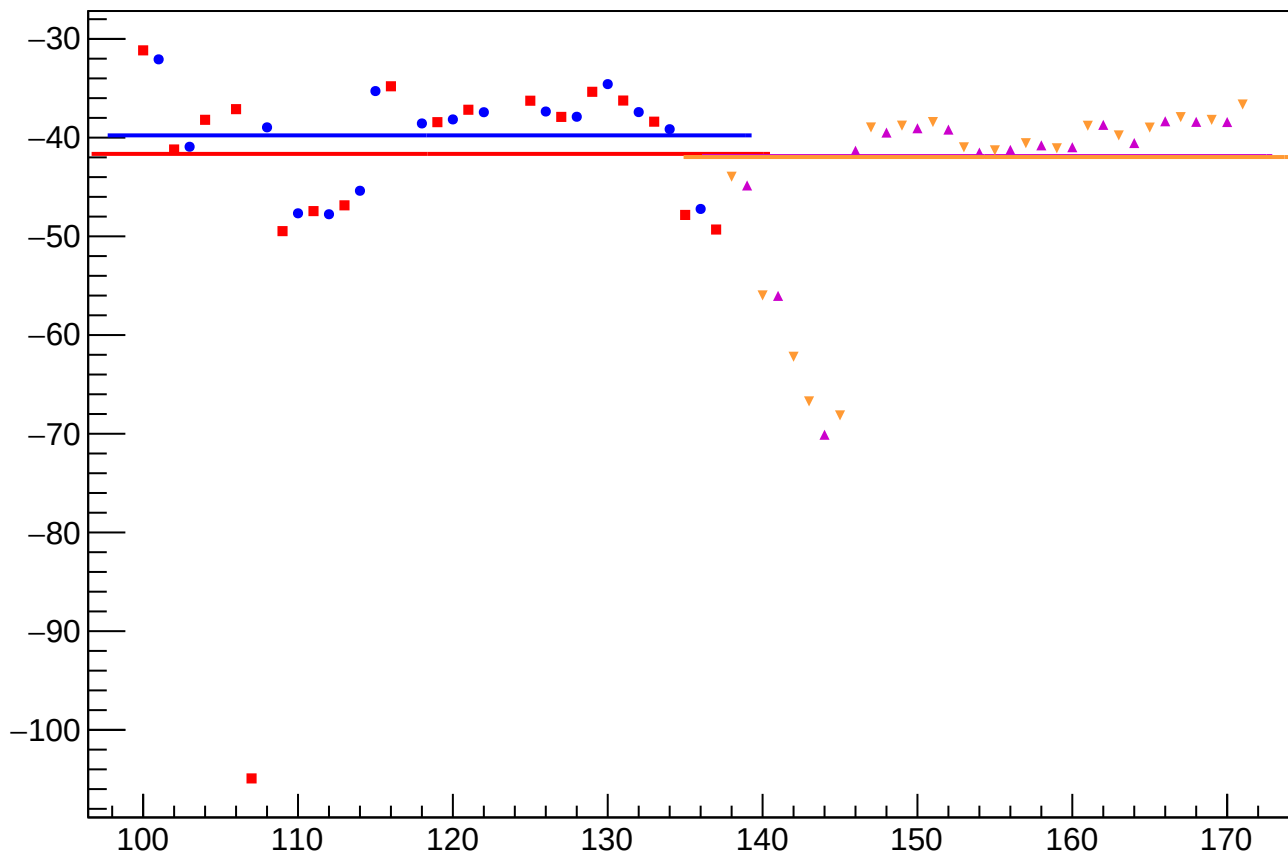
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 15.219 ± 0.319 $\chi^2/\text{NDF}: 1123.8/31$

Out: 14.738 ± 0.317 $\chi^2/\text{NDF}: 1024.9/35$

All: 14.977 ± 0.225 $\chi^2/\text{NDF}: 2149.8/67$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -41.966 ± 0.019 $\chi^2/\text{NDF}: 149728.5/17$

Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$

Left In: -41.867 ± 0.019 $\chi^2/\text{NDF}: 107998.5/15$

Left: -41.917 ± 0.014 $\chi^2/\text{NDF}: 257740.3/33$

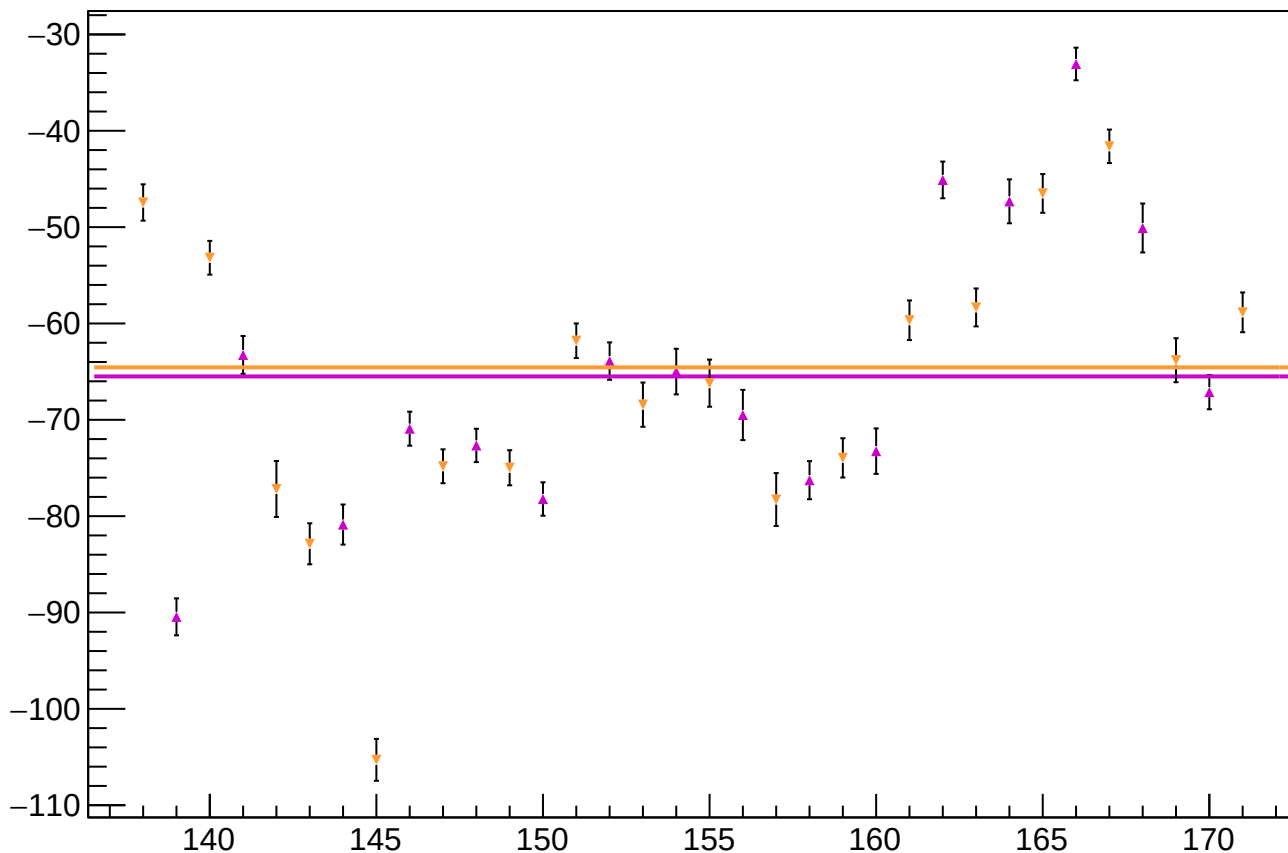
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -41.285 ± 0.016 $\chi^2/\text{NDF}: 137454.4/31$

Out: -41.879 ± 0.016 $\chi^2/\text{NDF}: 244319.0/35$

All: -41.584 ± 0.012 $\chi^2/\text{NDF}: 382434.1/67$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -64.555+/-0.481 χ^2/NDF :966.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -65.495+/-0.496 χ^2/NDF :931.6/15

Left: -65.011+/-0.345 χ^2/NDF : 1899.4/33

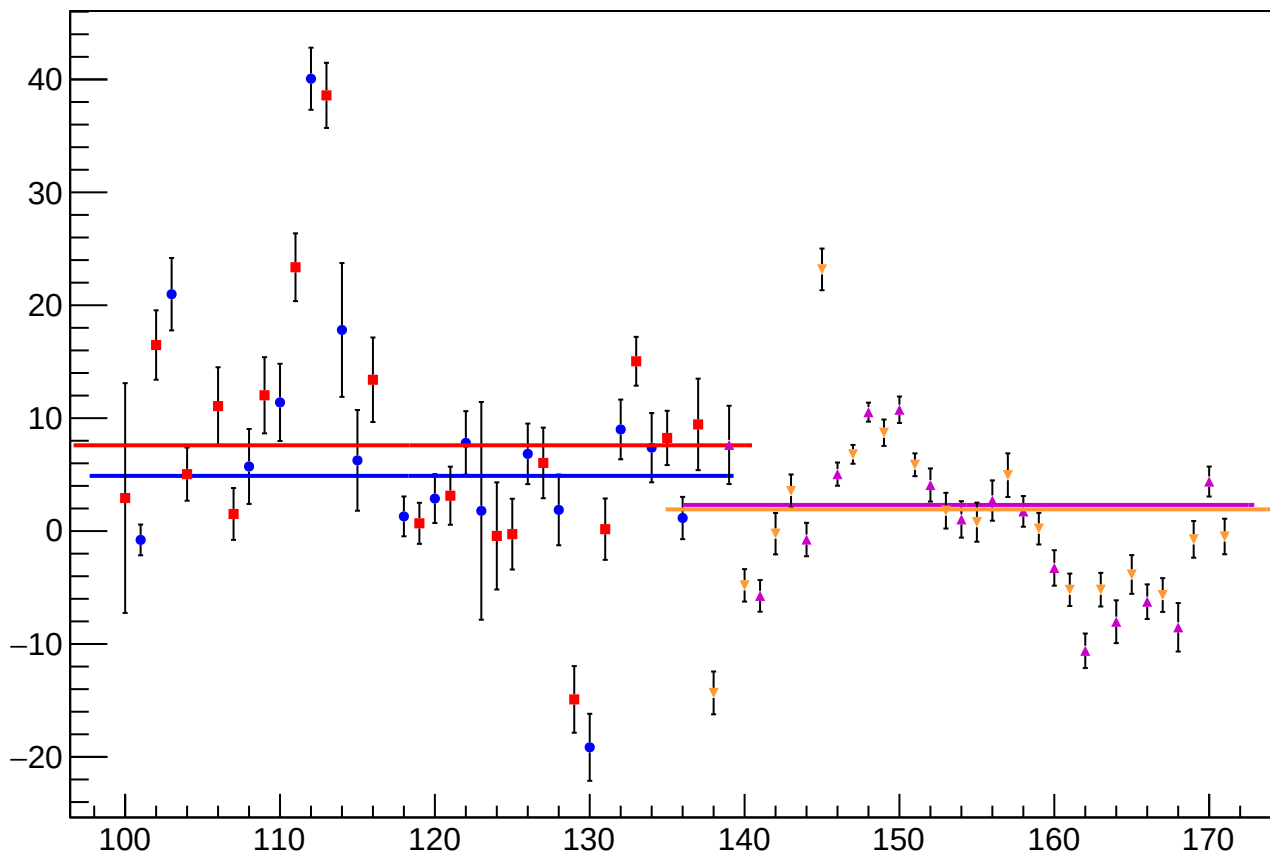
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.495+/-0.496 χ^2/NDF :931.6/15

Out: -64.555+/-0.481 χ^2/NDF :966.0/17

All: -65.011+/-0.345 χ^2/NDF : 1899.4/33

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: 1.921 $\pm$ 0.334 χ^2 /NDF: 407.7/17

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 2.315 $\pm$ 0.350 χ^2 /NDF: 369.4/15

Left: 2.109 $\pm$ 0.241 χ^2 /NDF: 777.7/33

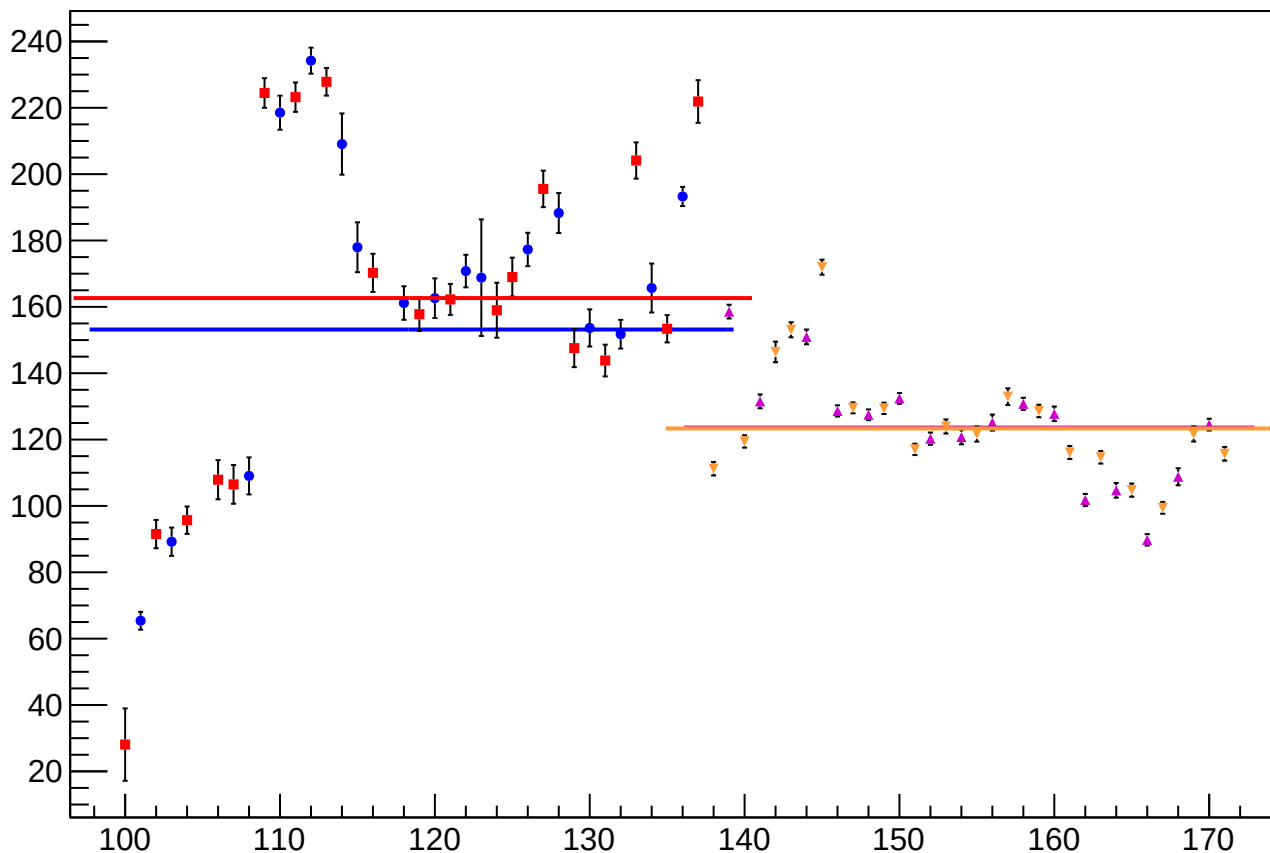
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 2.934 $\pm$ 0.305 χ^2 /NDF: 677.1/32

Out: 3.101 $\pm$ 0.297 χ^2 /NDF: 737.2/36

All: 3.020 $\pm$ 0.213 χ^2 /NDF: 1414.5/69

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 123.346+/-0.474 χ^2/NDF :1104.6/17

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 123.613+/-0.485 χ^2/NDF :1149.5/15

Left: 123.476+/-0.339 χ^2/NDF : 2254.2/33

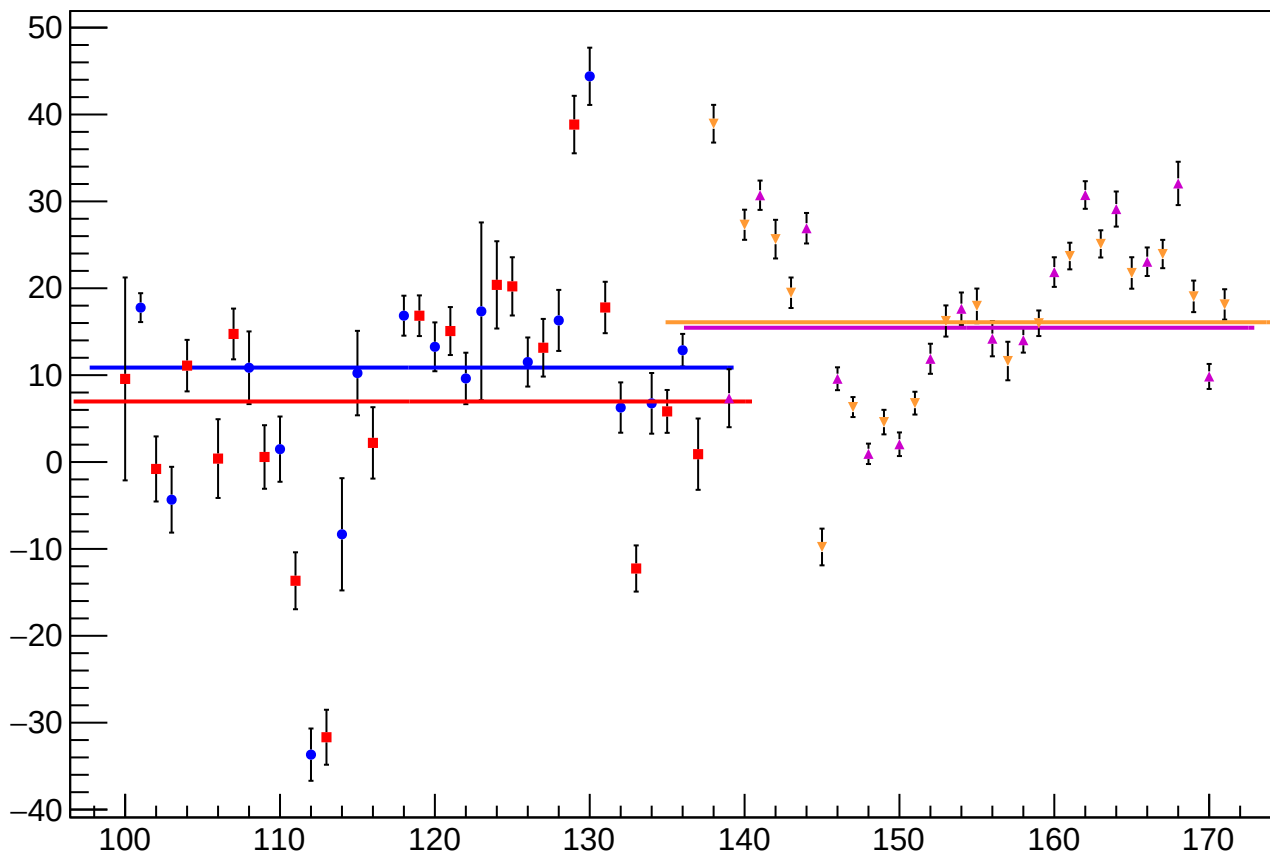
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 128.101+/-0.447 χ^2/NDF :3977.7/32

Out: 128.838+/-0.440 χ^2/NDF :3773.7/36

All: 128.475+/-0.313 χ^2/NDF : 7752.8/69

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: 16.089 $\pm$ 0.392 χ^2 /NDF:613.4/17

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 15.456 $\pm$ 0.410 χ^2 /NDF:640.1/15

Left: 15.786 $\pm$ 0.283 χ^2 /NDF: 1254.7/33

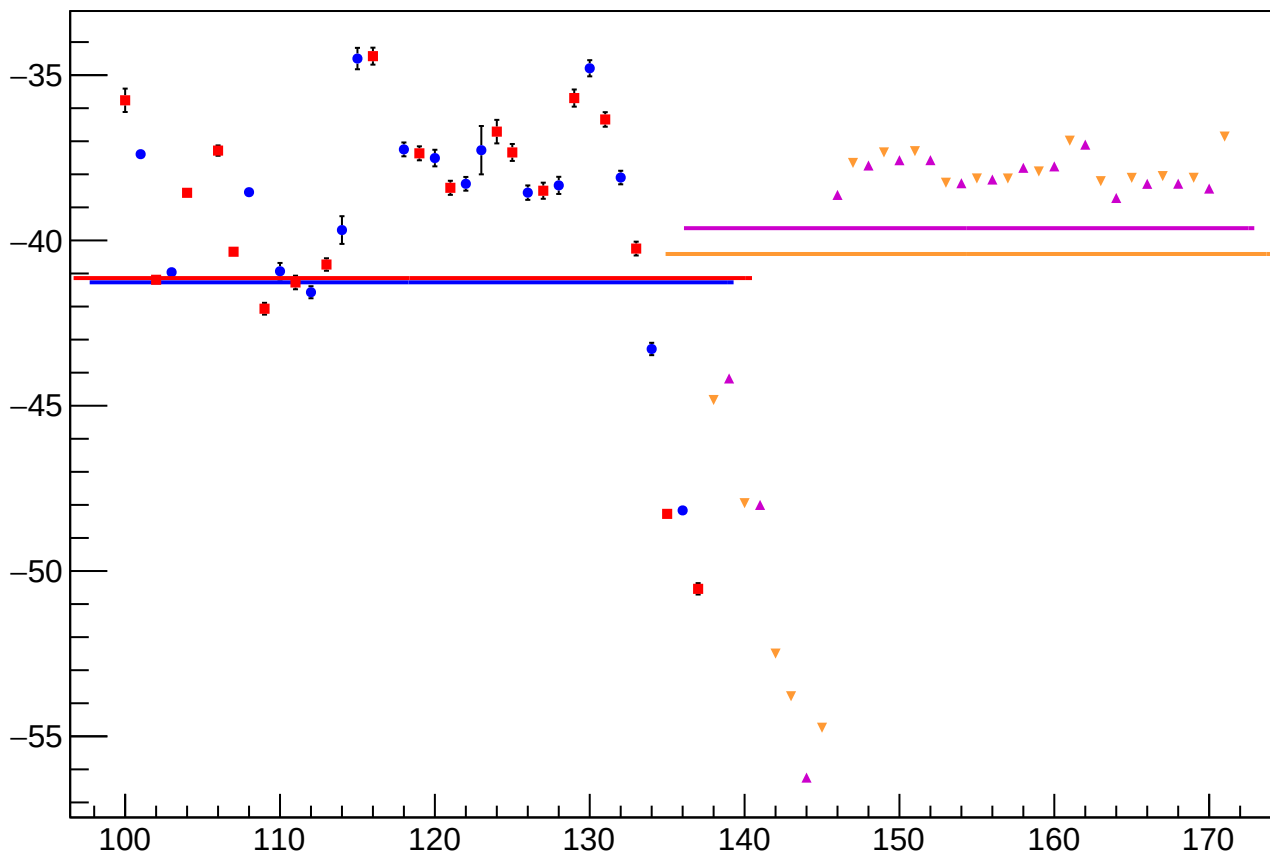
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.321 $\pm$ 0.355 χ^2 /NDF:1057.8/32

Out: 14.122 $\pm$ 0.347 χ^2 /NDF:1152.4/36

All: 14.219 $\pm$ 0.248 χ^2 /NDF: 2210.4/69

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -40.410 ± 0.019 $\chi^2/\text{NDF}: 84283.9/17$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.629 ± 0.019 $\chi^2/\text{NDF}: 49470.7/15$

Left: -40.029 ± 0.013 $\chi^2/\text{NDF}: 134603.5/33$

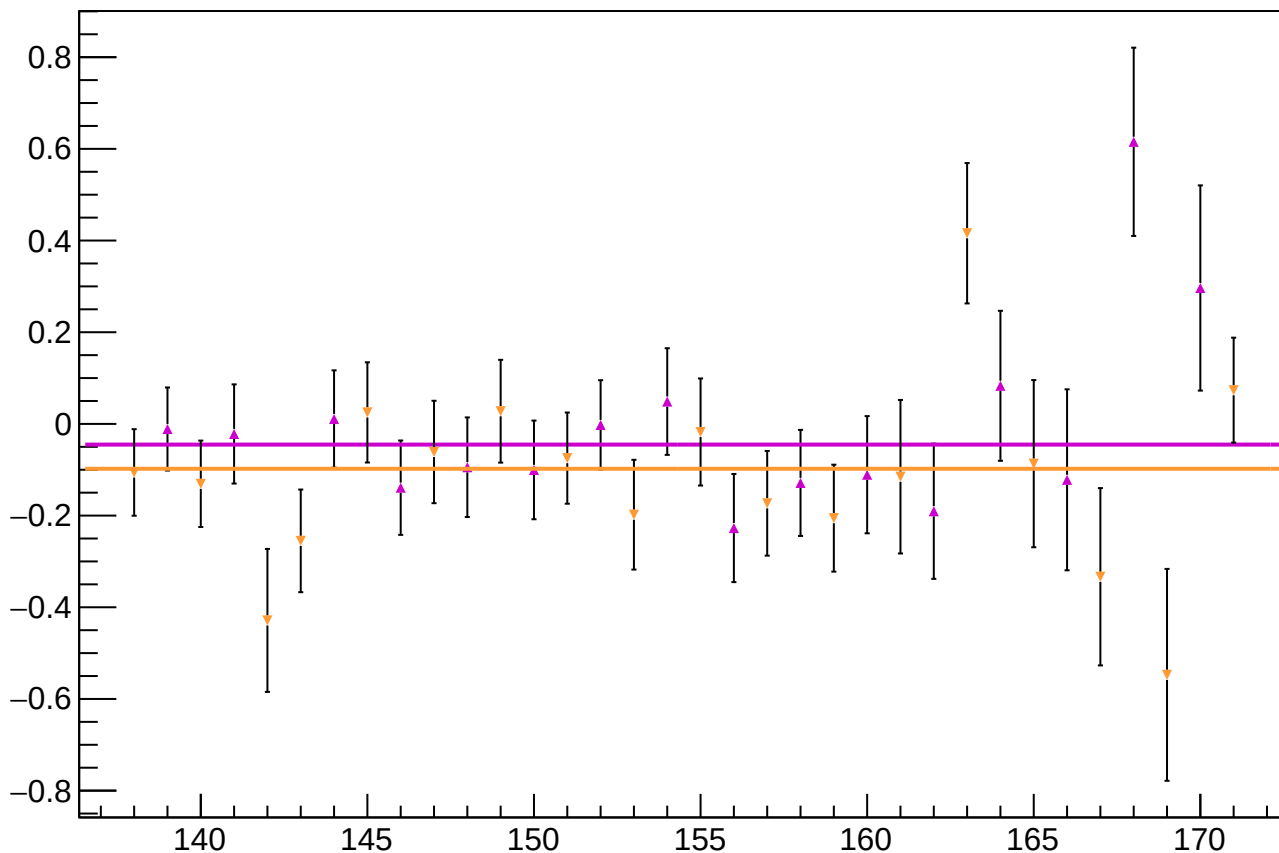
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -39.954 ± 0.017 $\chi^2/\text{NDF}: 63500.9/32$

Out: -40.549 ± 0.017 $\chi^2/\text{NDF}: 96814.7/36$

All: -40.257 ± 0.012 $\chi^2/\text{NDF}: 160926.3/69$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.098+/-0.029 χ^2/NDF : 30.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.045+/-0.030 χ^2/NDF : 20.2/15

Left: -0.073+/-0.021 χ^2/NDF : 52.3/33

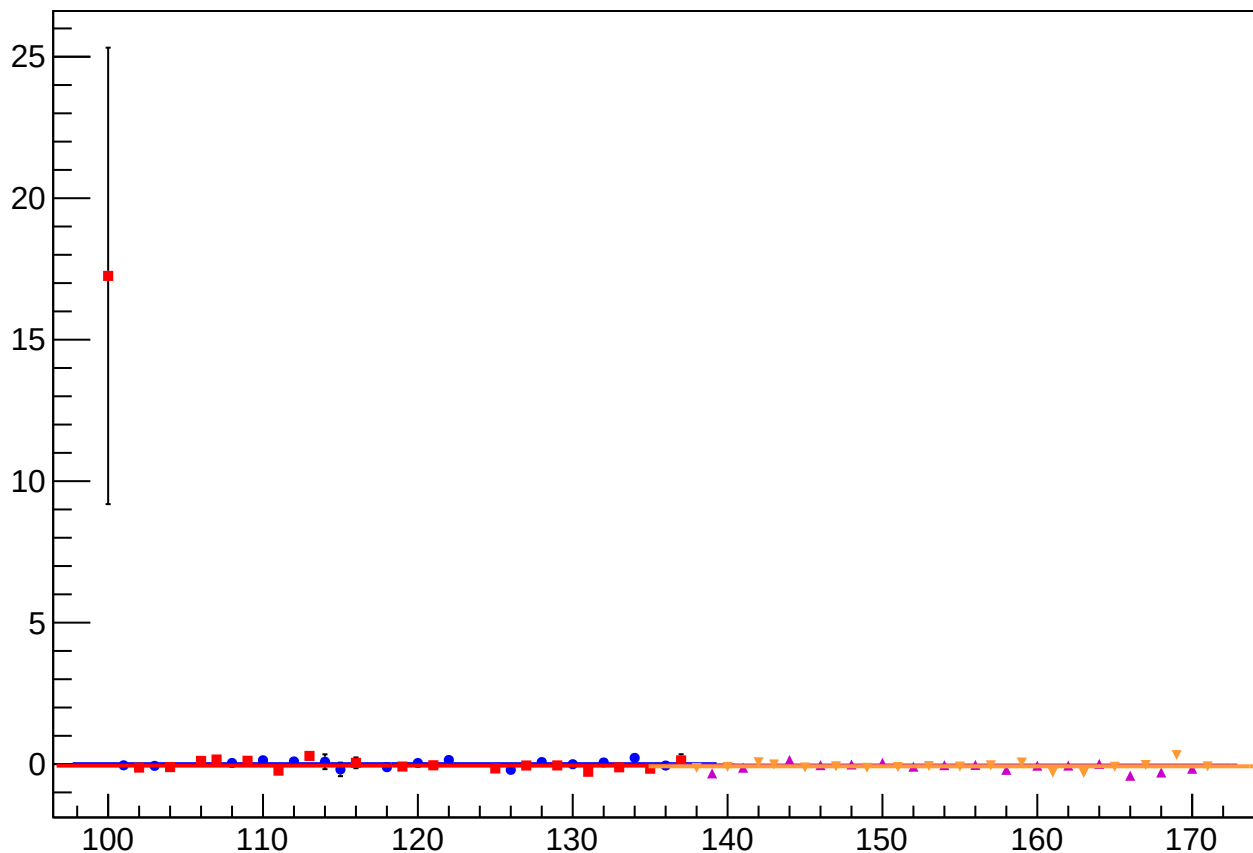
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.045+/-0.030 χ^2/NDF : 20.2/15

Out: -0.098+/-0.029 χ^2/NDF : 30.5/17

All: -0.073+/-0.021 χ^2/NDF : 52.3/33

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 ± 0.020 χ^2/NDF : 20.5/17

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.050 ± 0.021 χ^2/NDF : 23.4/15

Left: -0.065 ± 0.015 χ^2/NDF : 44.8/33

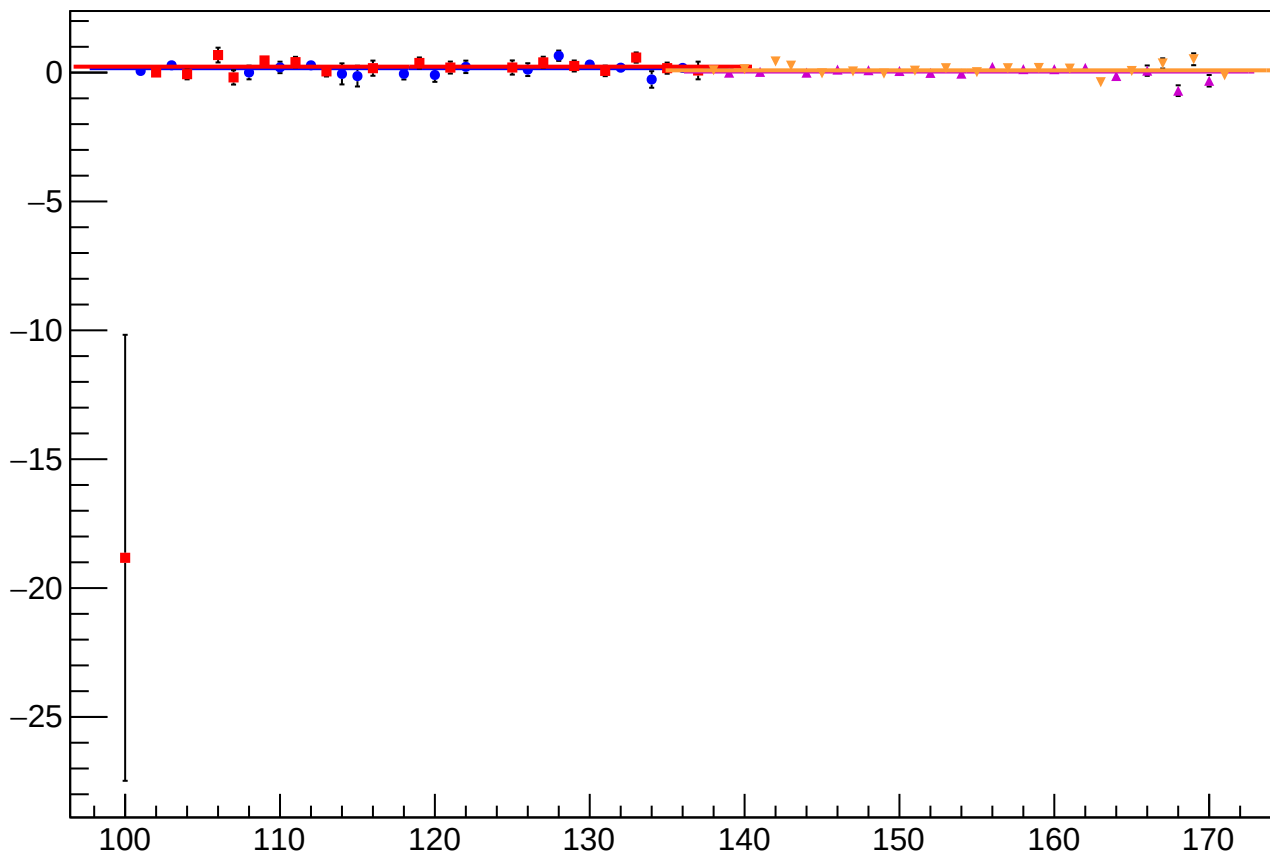
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.033 ± 0.017 χ^2/NDF : 37.3/31

Out: -0.070 ± 0.017 χ^2/NDF : 46.5/35

All: -0.052 ± 0.012 χ^2/NDF : 86.3/67

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.087 $\pm$ 0.028 χ^2 /NDF:29.8/17

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.040 $\pm$ 0.029 χ^2 /NDF:23.6/15

Left: 0.064 $\pm$ 0.020 χ^2 /NDF: 54.7/33

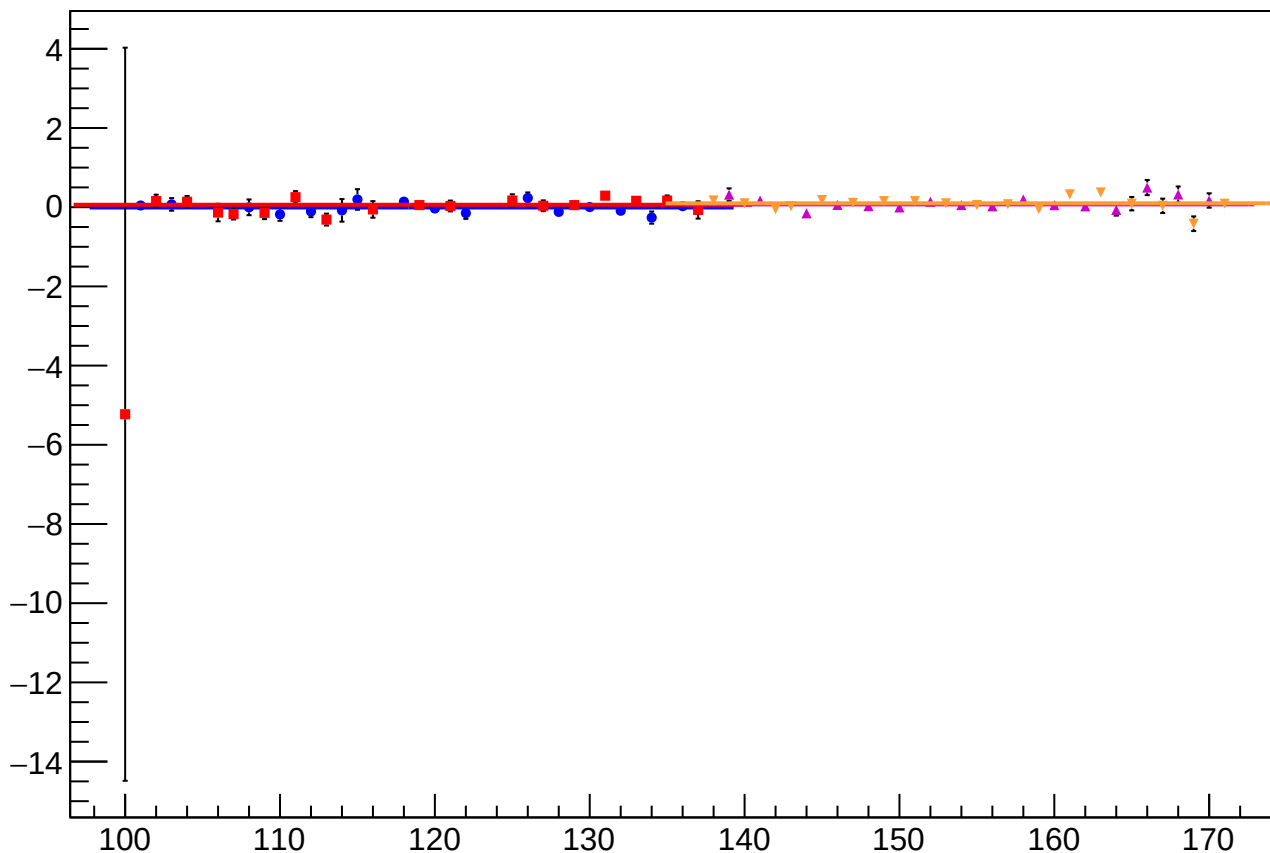
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.072 $\pm$ 0.026 χ^2 /NDF:41.3/31

Out: 0.118 $\pm$ 0.025 χ^2 /NDF:56.9/35

All: 0.095 $\pm$ 0.018 χ^2 /NDF: 99.9/67

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.024 χ^2/NDF : 23.4/17

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.071 ± 0.025 χ^2/NDF : 22.0/15

Left: 0.085 ± 0.017 χ^2/NDF : 46.0/33

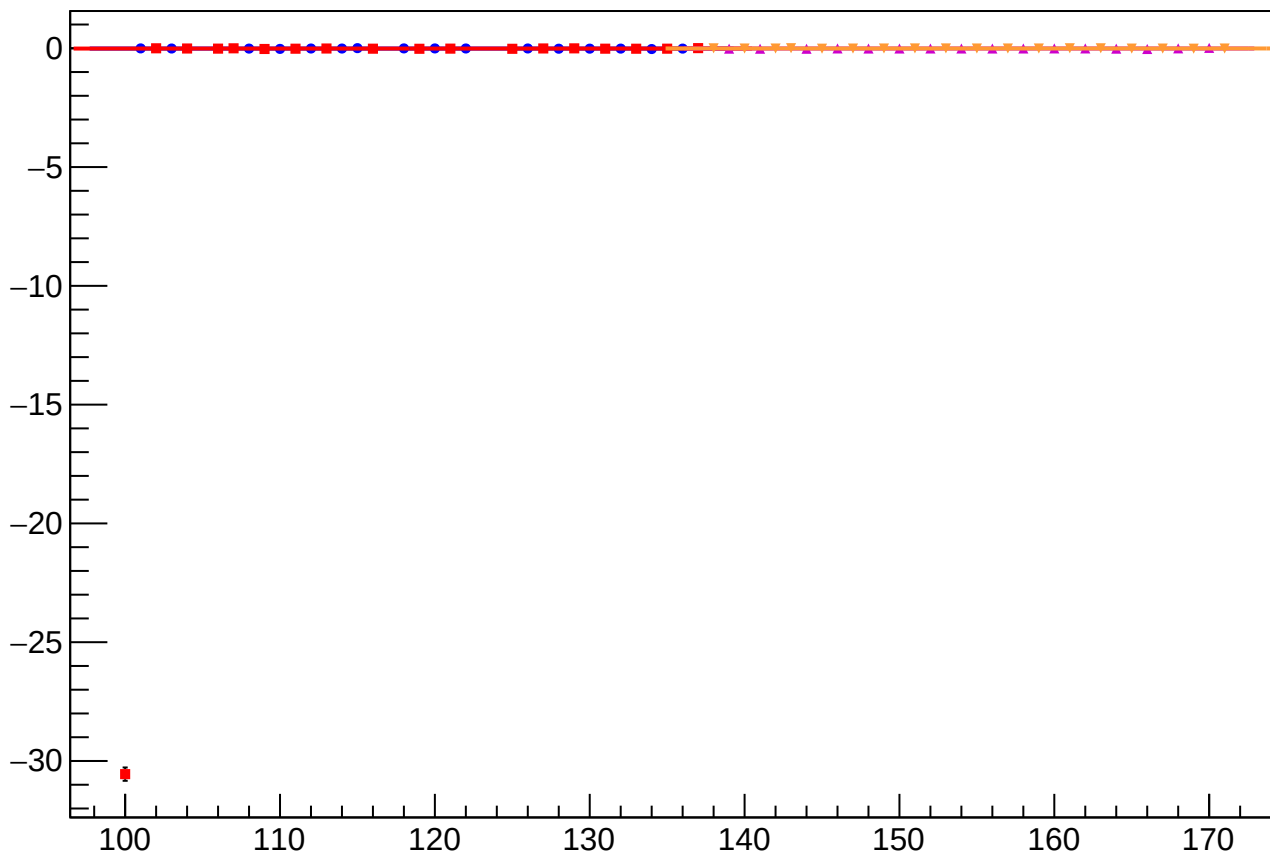
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.042 ± 0.020 χ^2/NDF : 38.8/31

Out: 0.086 ± 0.019 χ^2/NDF : 44.5/35

All: 0.065 ± 0.014 χ^2/NDF : 85.8/67

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 18.7/17

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

Left: -0.009 ± 0.001 χ^2/NDF : 50.6/33

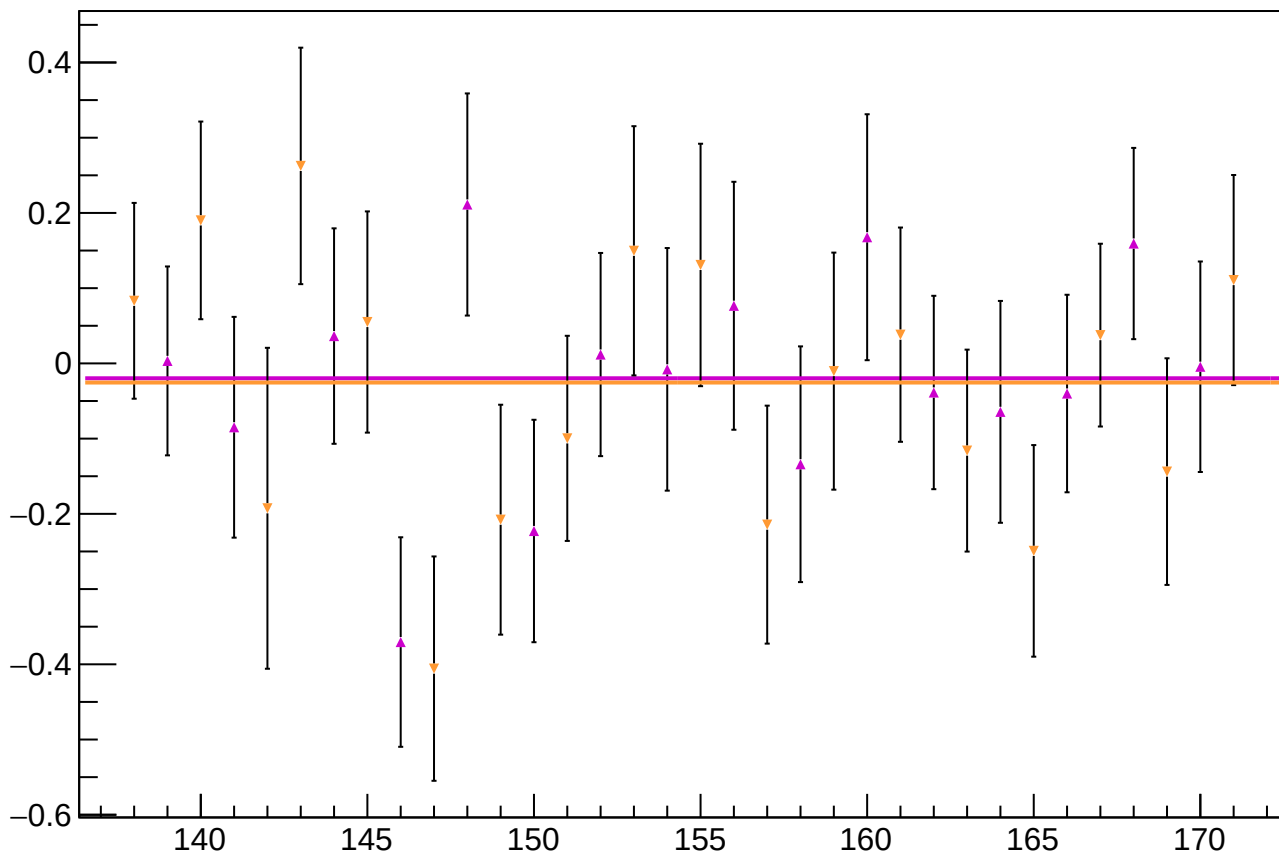
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.011 ± 0.001 χ^2/NDF : 43.0/31

Out: -0.009 ± 0.001 χ^2/NDF : 11912.8/35

All: -0.010 ± 0.001 χ^2/NDF : 11957.4/67

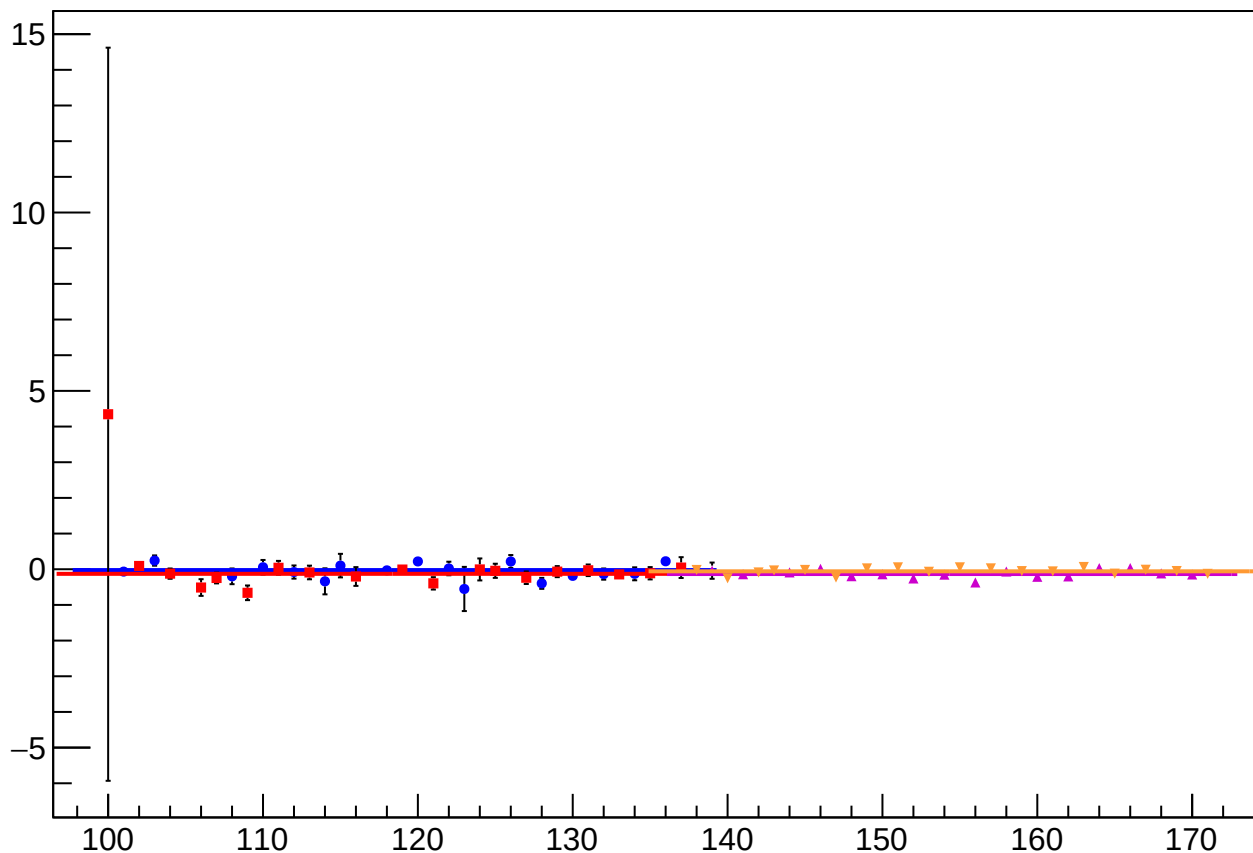
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.025 $\pm$ 0.034 χ^2 /NDF:24.4/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.020 $\pm$ 0.036 χ^2 /NDF:15.4/15

Left: -0.023 $\pm$ 0.025 χ^2 /NDF: 39.9/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.020 $\pm$ 0.036 χ^2 /NDF:15.4/15
 Out: -0.025 $\pm$ 0.034 χ^2 /NDF:24.4/17
 All: -0.023 $\pm$ 0.025 χ^2 /NDF: 39.9/33

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.058 ± 0.025 $\chi^2/\text{NDF}: 16.2/17$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.134 ± 0.026 $\chi^2/\text{NDF}: 15.3/15$

Left: -0.094 ± 0.018 $\chi^2/\text{NDF}: 36.0/33$

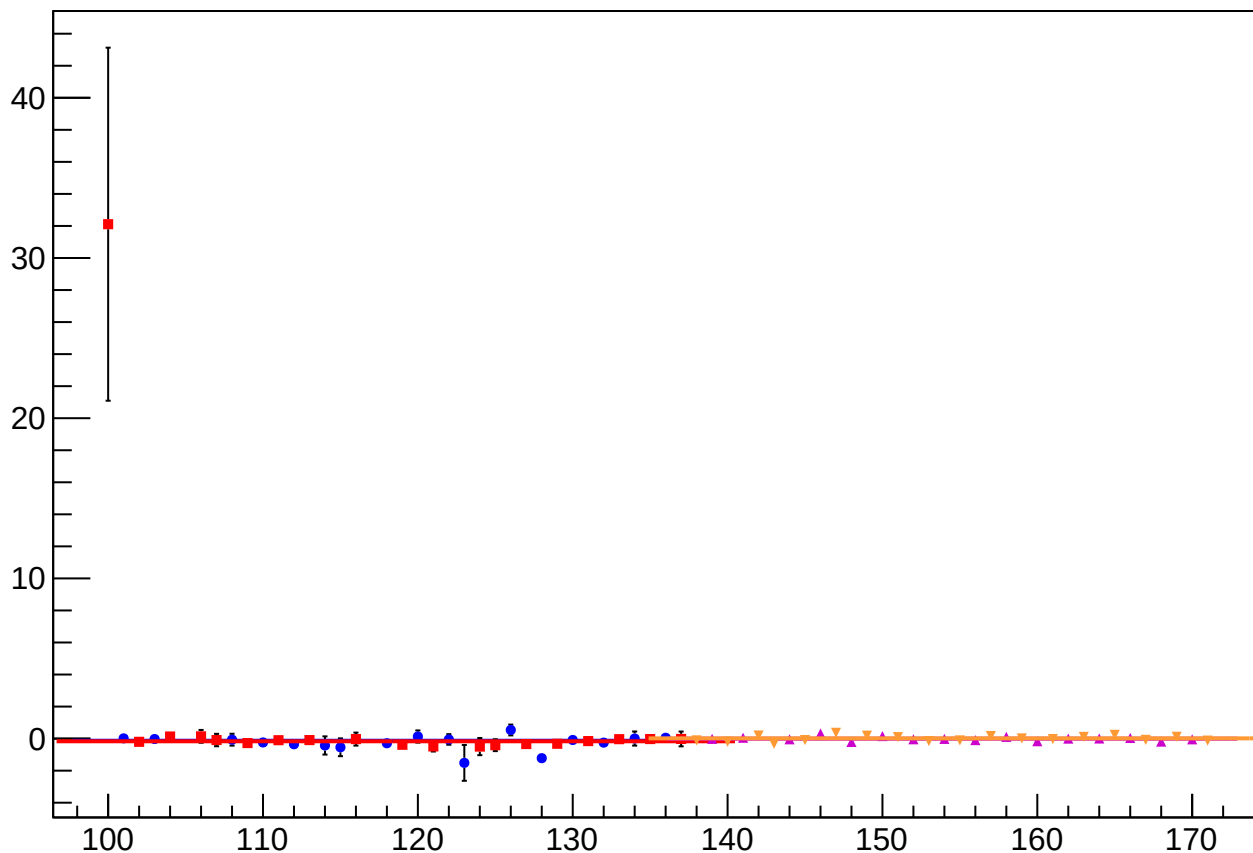
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.097 ± 0.021 $\chi^2/\text{NDF}: 43.8/32$

Out: -0.078 ± 0.021 $\chi^2/\text{NDF}: 37.3/36$

All: -0.087 ± 0.015 $\chi^2/\text{NDF}: 81.5/69$

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: 0.016 ± 0.034 $\chi^2/\text{NDF}: 24.3/17$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: -0.005 ± 0.035 $\chi^2/\text{NDF}: 14.1/15$

Left: 0.006 ± 0.024 $\chi^2/\text{NDF}: 38.6/33$

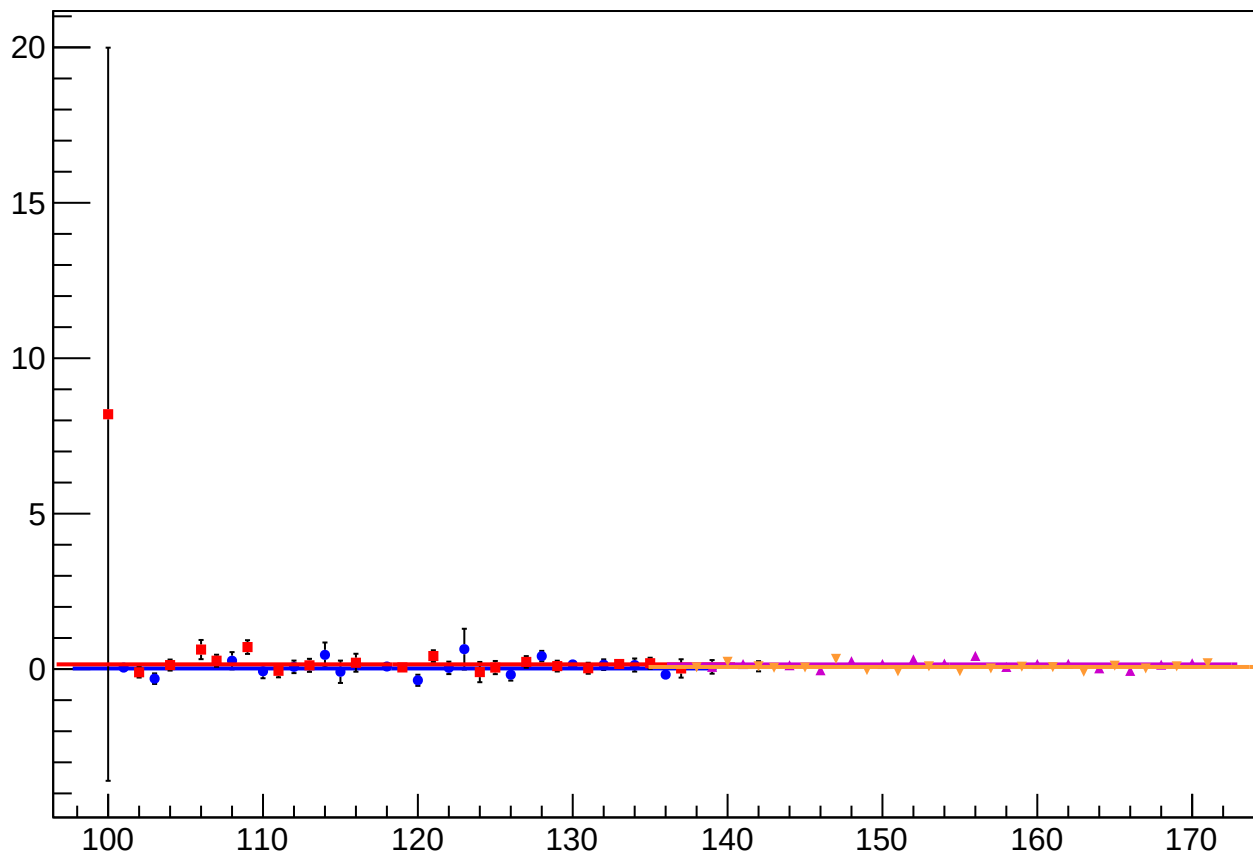
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.033 ± 0.031 $\chi^2/\text{NDF}: 42.8/32$

Out: -0.018 ± 0.031 $\chi^2/\text{NDF}: 44.3/36$

All: -0.025 ± 0.022 $\chi^2/\text{NDF}: 87.2/69$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.068+/-0.029 χ^2/NDF :16.0/17

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.150+/-0.030 χ^2/NDF :15.0/15

Left: 0.107+/-0.021 χ^2/NDF : 34.9/33

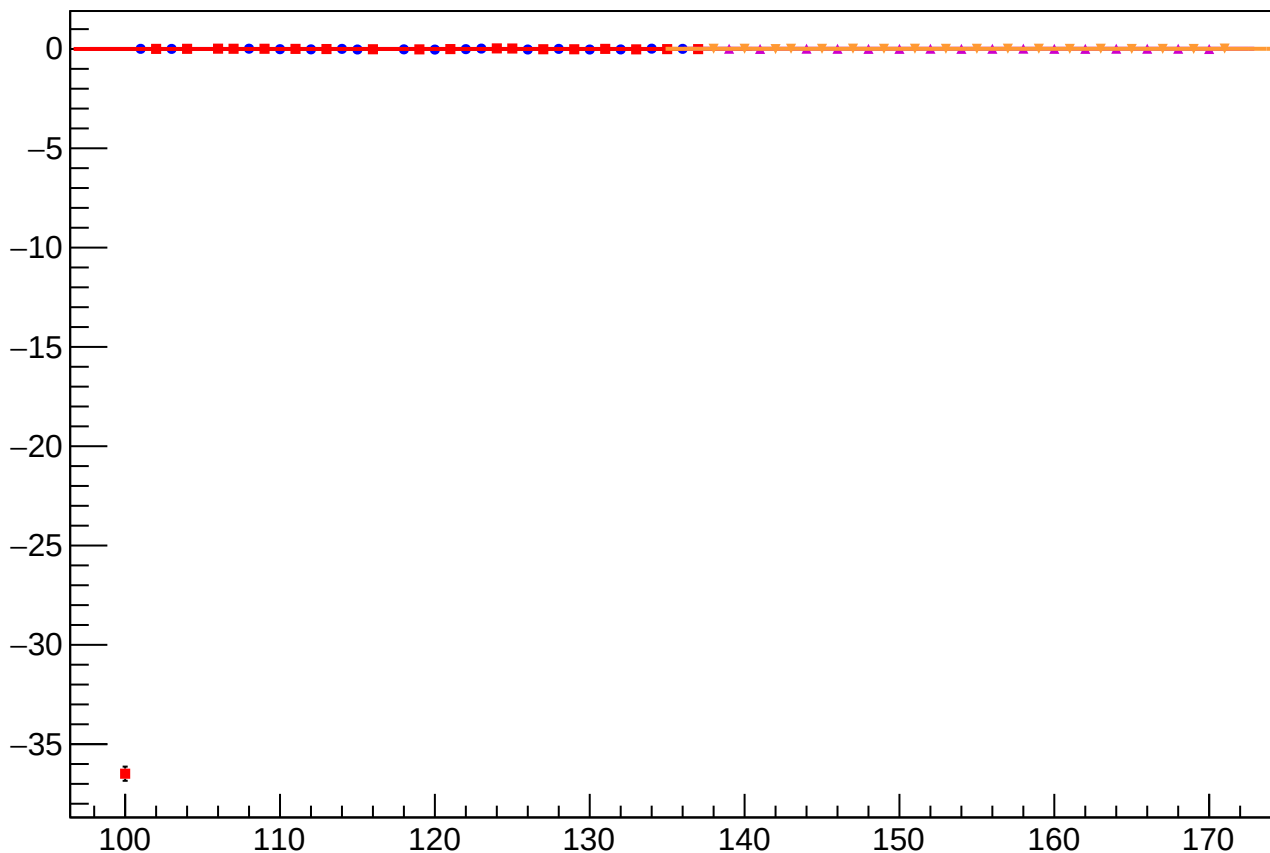
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.106+/-0.025 χ^2/NDF :43.0/32

Out: 0.092+/-0.024 χ^2/NDF :35.7/36

All: 0.099+/-0.017 χ^2/NDF : 78.9/69

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: 0.010 $\pm$ 0.001 χ^2 /NDF:16.9/17

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:9.8/15

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 26.8/33

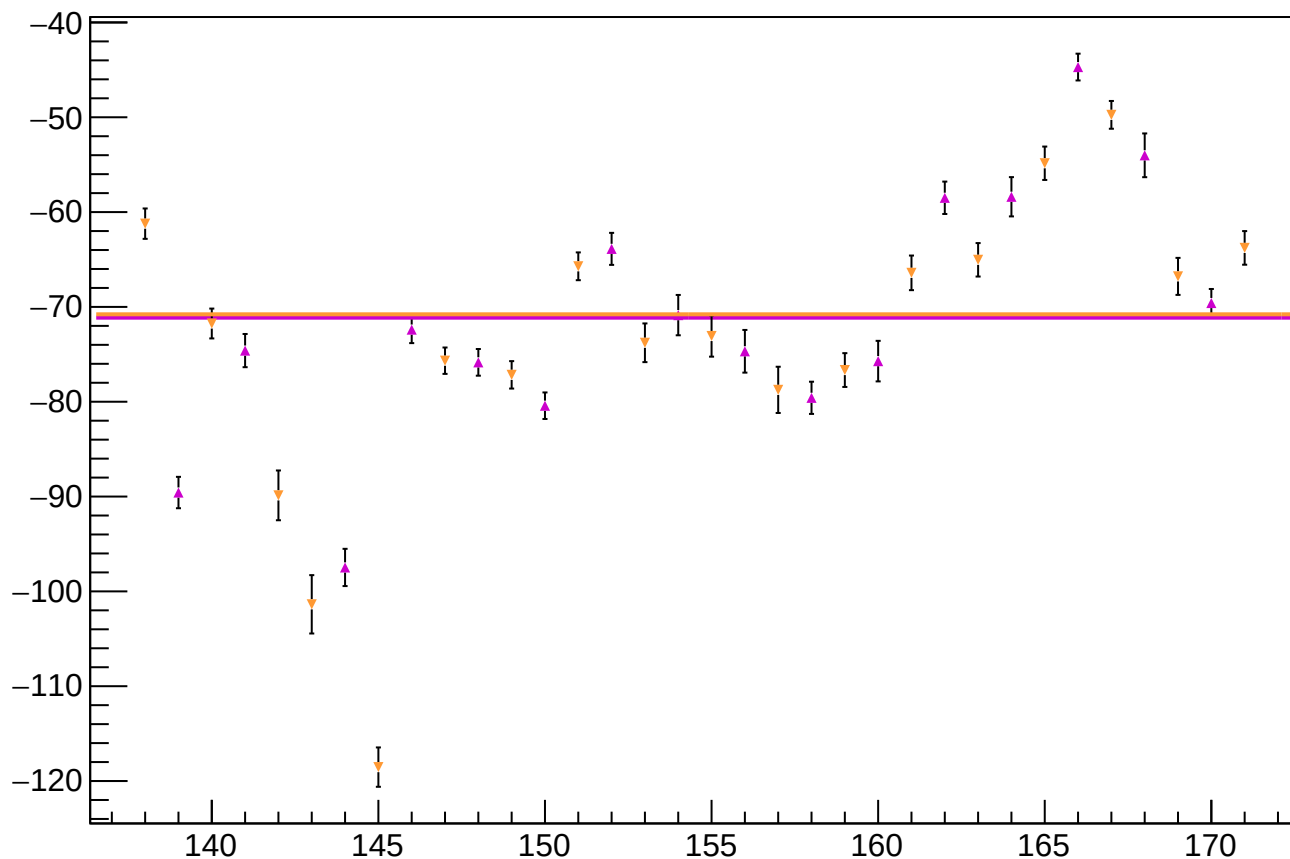
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF:55.3/32

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:10478.4/36

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10533.7/69

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: -70.780+/-0.420 χ^2/NDF :1109.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -71.134+/-0.426 χ^2/NDF :913.4/15

Left: -70.955+/-0.299 χ^2/NDF : 2023.4/33

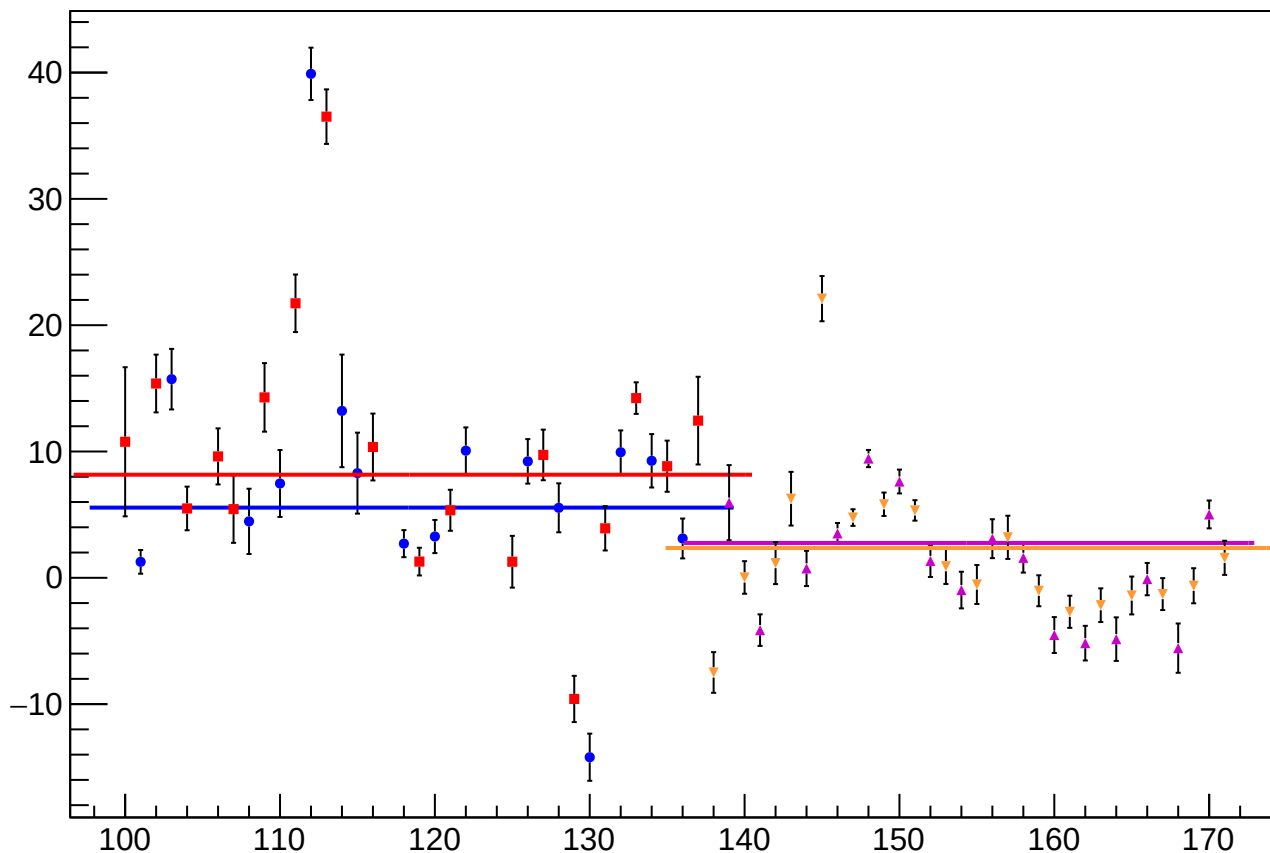
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.134+/-0.426 χ^2/NDF :913.4/15

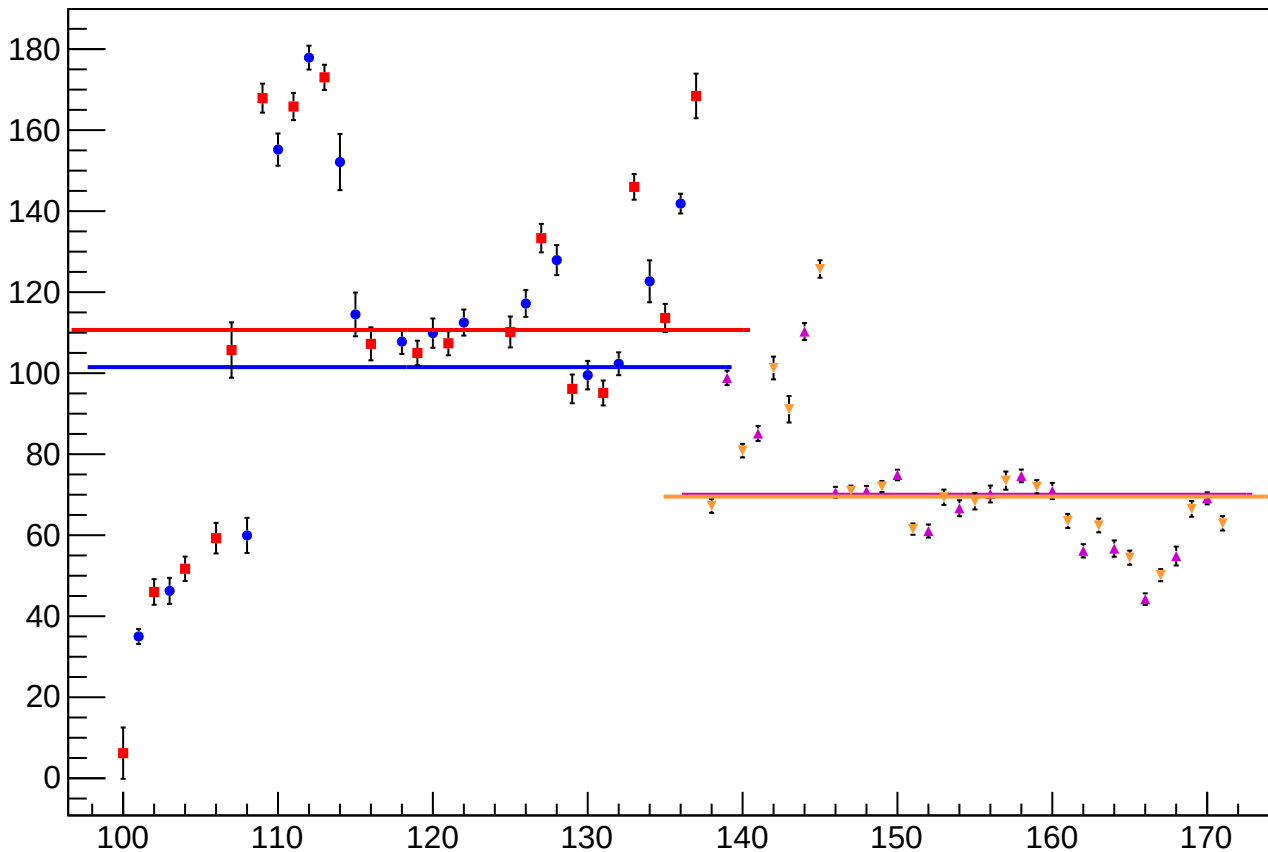
Out: -70.780+/-0.420 χ^2/NDF :1109.7/17

All: -70.955+/-0.299 χ^2/NDF : 2023.4/33

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 69.535 $\pm$ 0.412 χ^2 /NDF:1228.3/17

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 69.994 $\pm$ 0.416 χ^2 /NDF:1227.6/15

Left: 69.762 $\pm$ 0.293 χ^2 /NDF: 2456.5/33

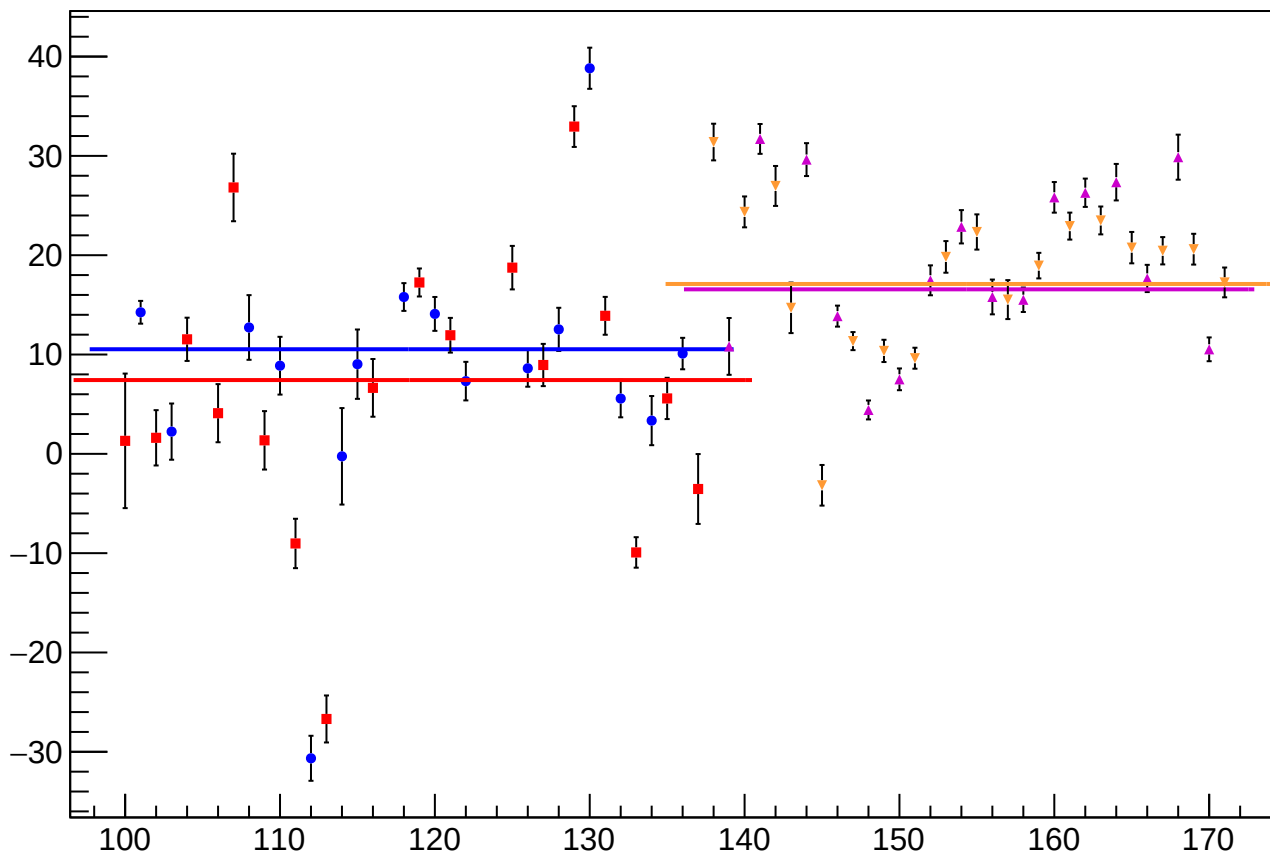
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 76.579 $\pm$ 0.370 χ^2 /NDF:5402.1/31

Out: 77.585 $\pm$ 0.370 χ^2 /NDF:5690.1/35

All: 77.082 $\pm$ 0.261 χ^2 /NDF: 11095.9/67

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: 17.104 $\pm$ 0.340 χ^2 /NDF: 401.1/17

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 16.562 $\pm$ 0.350 χ^2 /NDF: 597.9/15

Left: 16.841 $\pm$ 0.244 χ^2 /NDF: 1000.2/33

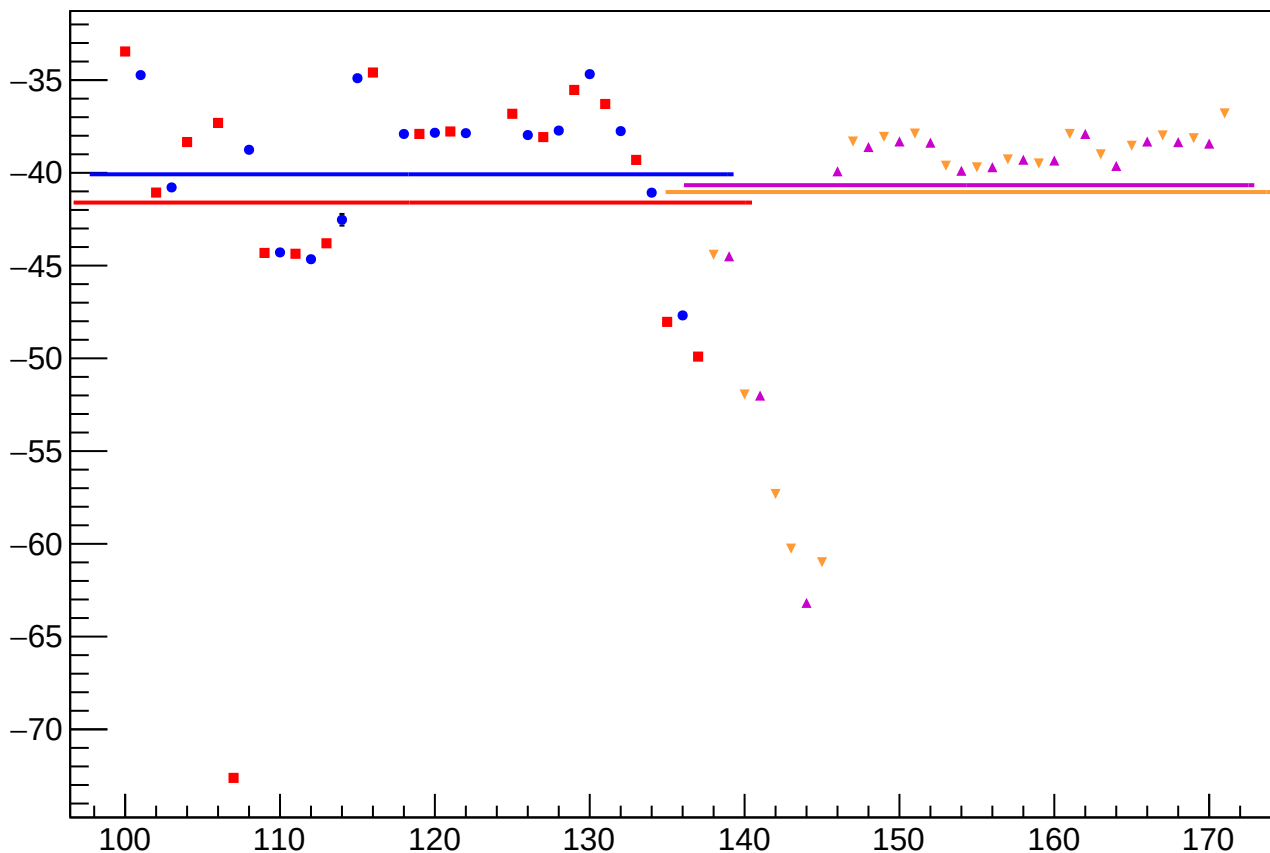
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 14.542 $\pm$ 0.285 χ^2 /NDF: 1277.7/31

Out: 14.238 $\pm$ 0.285 χ^2 /NDF: 1327.3/35

All: 14.389 $\pm$ 0.202 χ^2 /NDF: 2605.6/67

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: -41.035 ± 0.016 χ^2/NDF : 143527.1/17

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.665 ± 0.016 χ^2/NDF : 97632.7/15

Left: -40.852 ± 0.012 χ^2/NDF : 241413.7/33

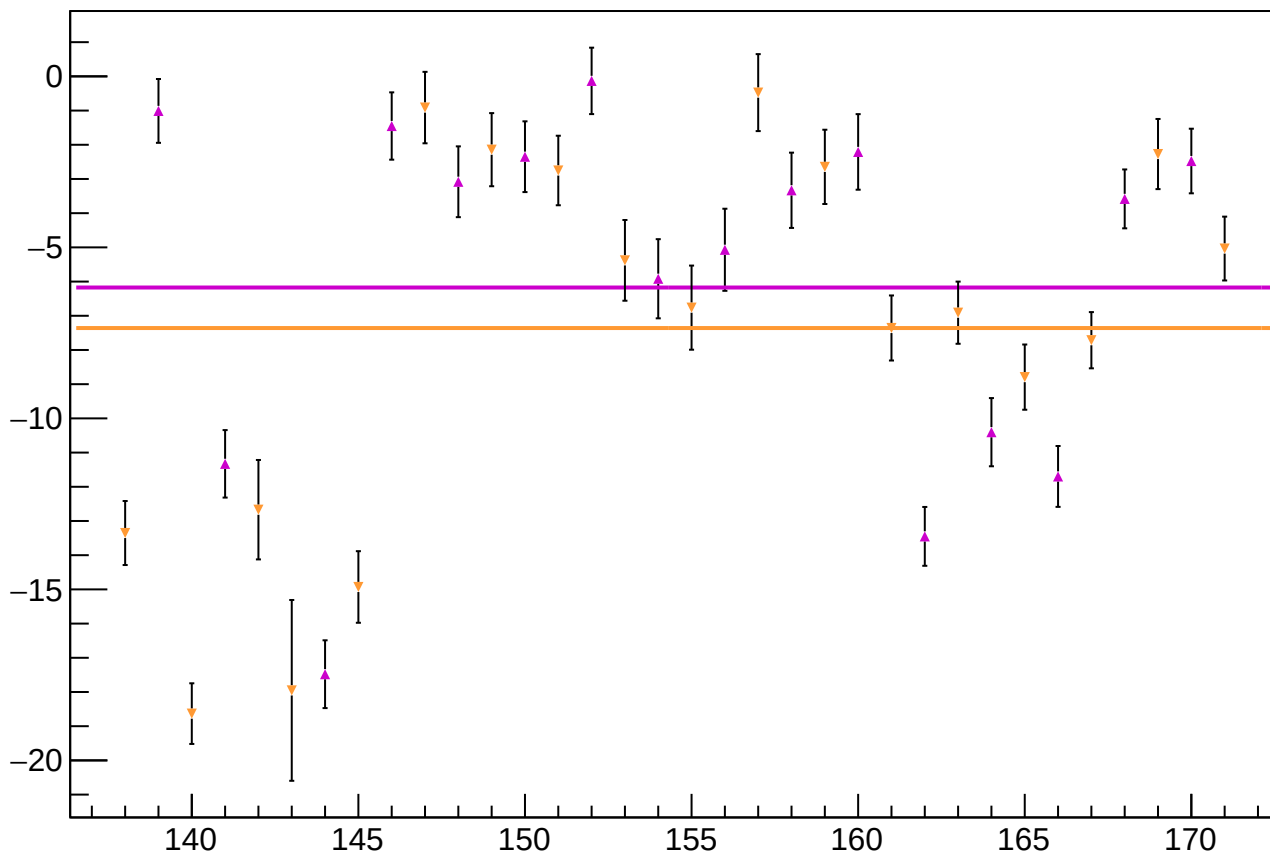
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.516 ± 0.014 χ^2/NDF : 123101.7/31

Out: -41.175 ± 0.014 χ^2/NDF : 205680.3/35

All: -40.846 ± 0.010 χ^2/NDF : 329857.7/67

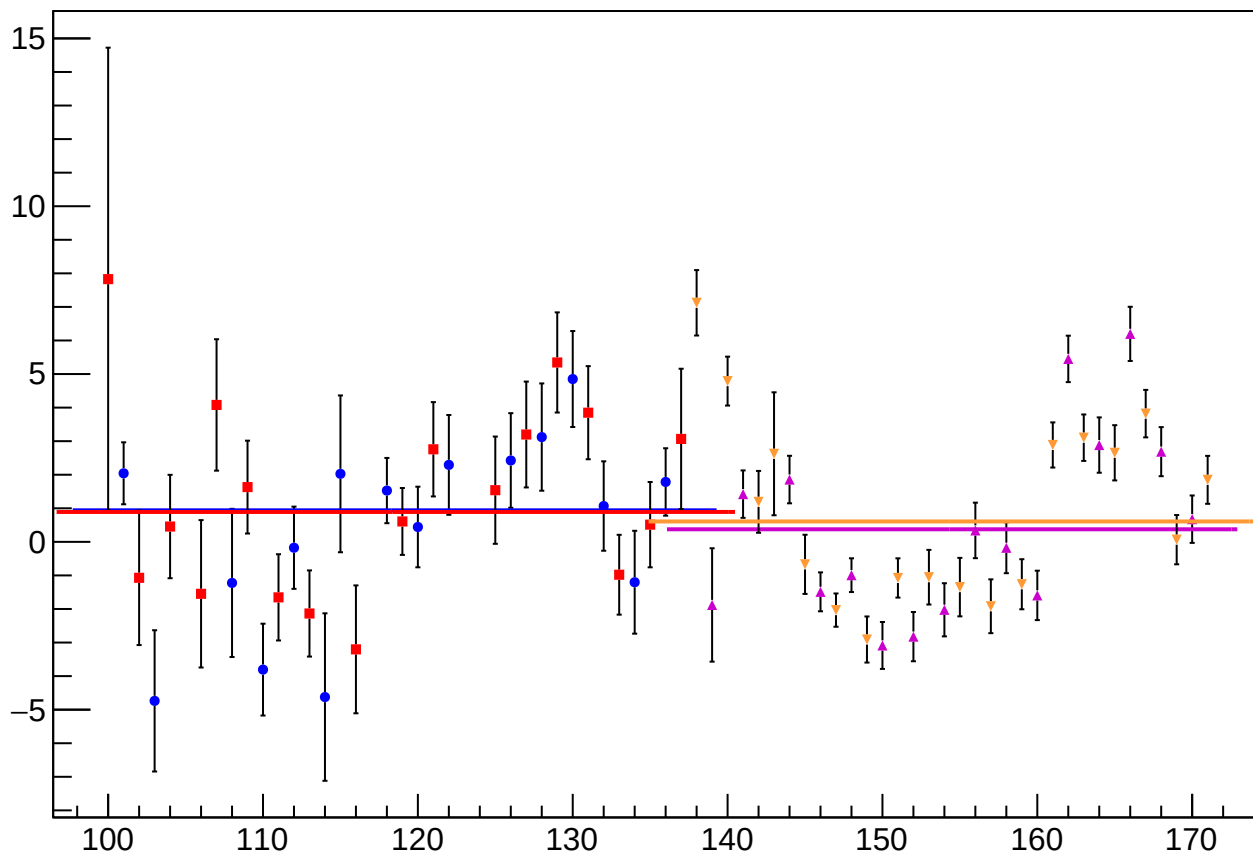
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.359 $\pm$ 0.245 χ^2 /NDF:459.7/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.174 $\pm$ 0.247 χ^2 /NDF:445.3/15

Left: -6.773 $\pm$ 0.174 χ^2 /NDF: 916.6/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.174 $\pm$ 0.247 χ^2 /NDF:445.3/15
 Out: -7.359 $\pm$ 0.245 χ^2 /NDF:459.7/17
 All: -6.773 $\pm$ 0.174 χ^2 /NDF: 916.6/33

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: 0.608 ± 0.175 $\chi^2/\text{NDF}: 224.5/17$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.374 ± 0.180 $\chi^2/\text{NDF}: 211.8/15$

Left: 0.494 ± 0.126 $\chi^2/\text{NDF}: 437.2/33$

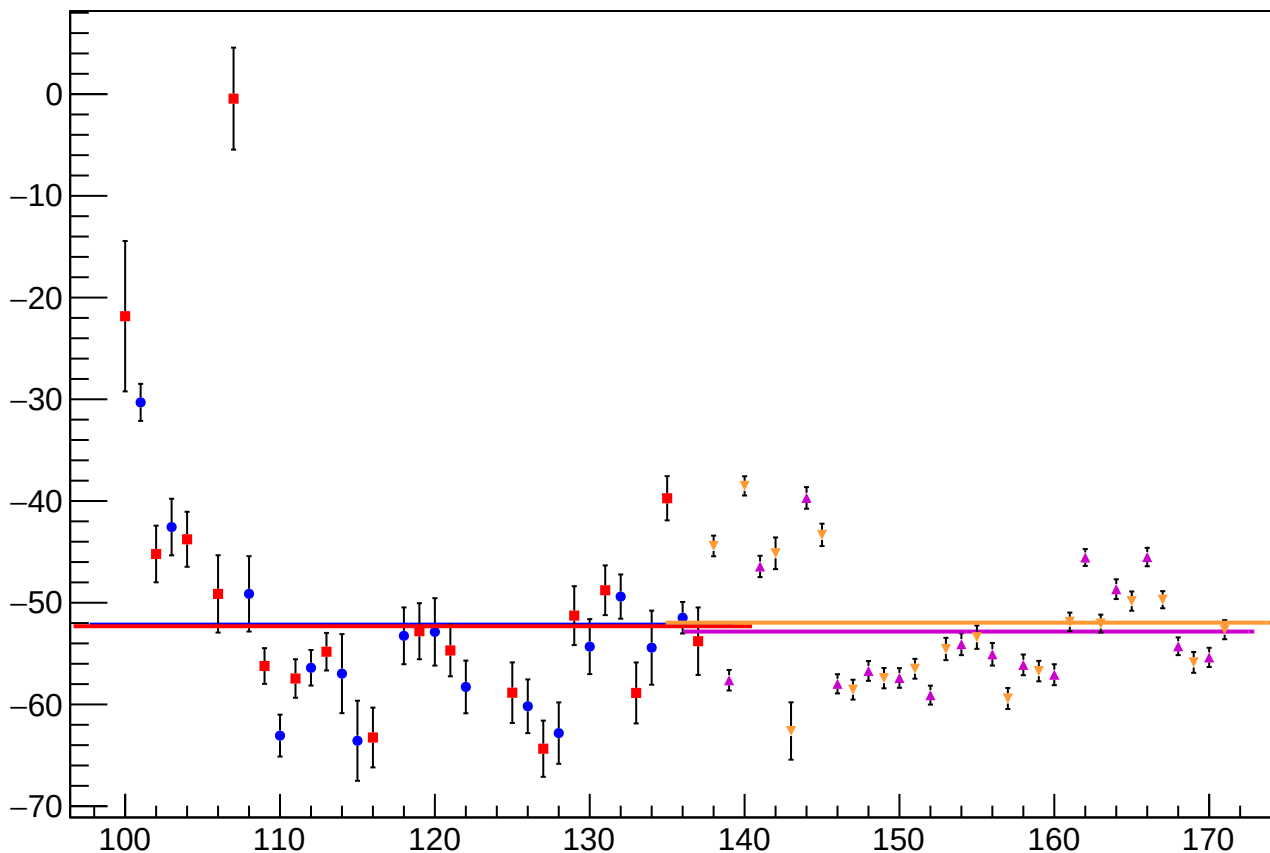
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.499 ± 0.159 $\chi^2/\text{NDF}: 256.2/31$

Out: 0.664 ± 0.157 $\chi^2/\text{NDF}: 266.6/35$

All: 0.582 ± 0.112 $\chi^2/\text{NDF}: 523.4/67$

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: -51.958 ± 0.241 χ^2/NDF : 558.7/17

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -52.835 ± 0.243 χ^2/NDF : 530.3/15

Left: -52.393 ± 0.171 χ^2/NDF : 1095.5/33

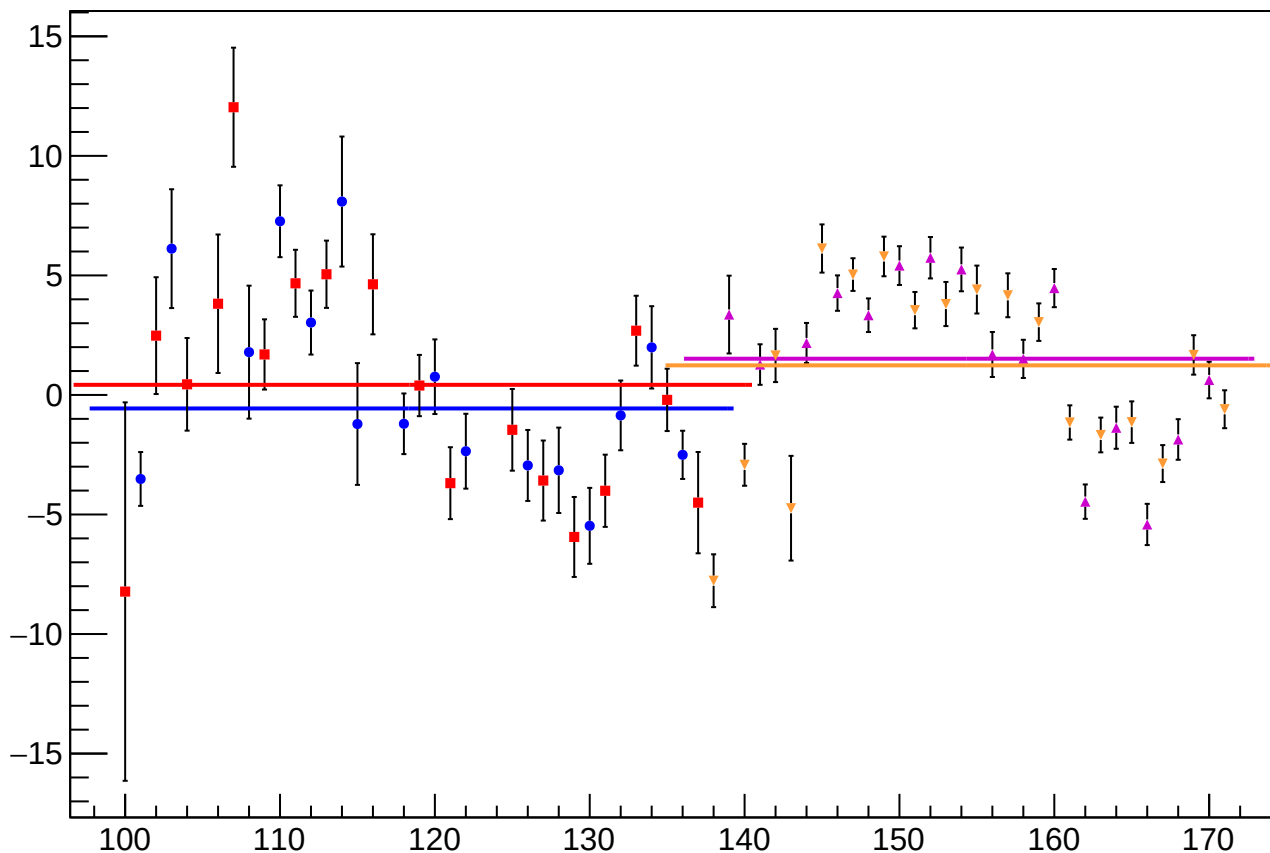
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.743 ± 0.226 χ^2/NDF : 762.4/31

Out: -52.005 ± 0.225 χ^2/NDF : 793.8/35

All: -52.372 ± 0.159 χ^2/NDF : 1561.5/67

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: 1.238 ± 0.203 χ^2/NDF : 292.2/17

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.516 ± 0.208 χ^2/NDF : 261.3/15

Left: 1.373 ± 0.145 χ^2/NDF : 554.3/33

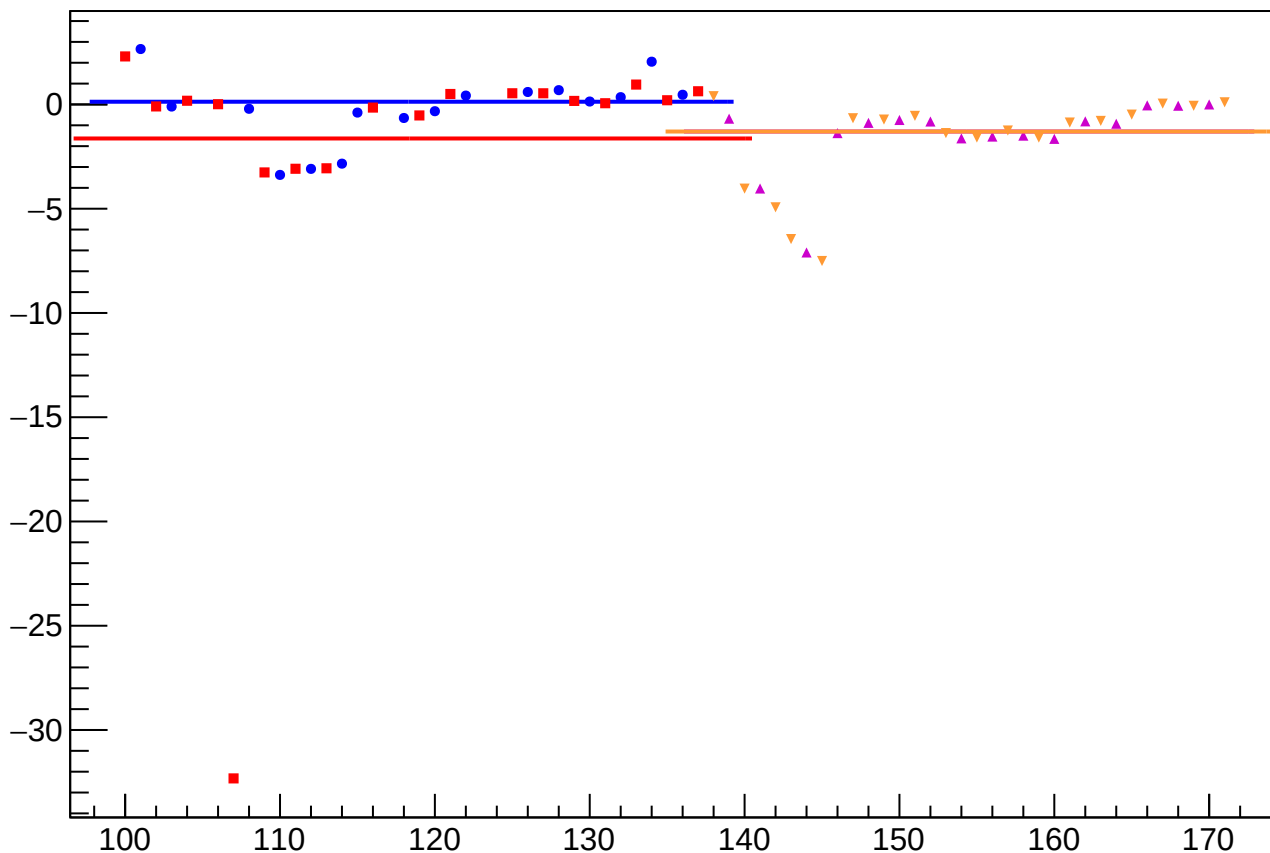
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.043 ± 0.183 χ^2/NDF : 365.7/31

Out: 1.071 ± 0.181 χ^2/NDF : 390.8/35

All: 1.057 ± 0.129 χ^2/NDF : 756.5/67

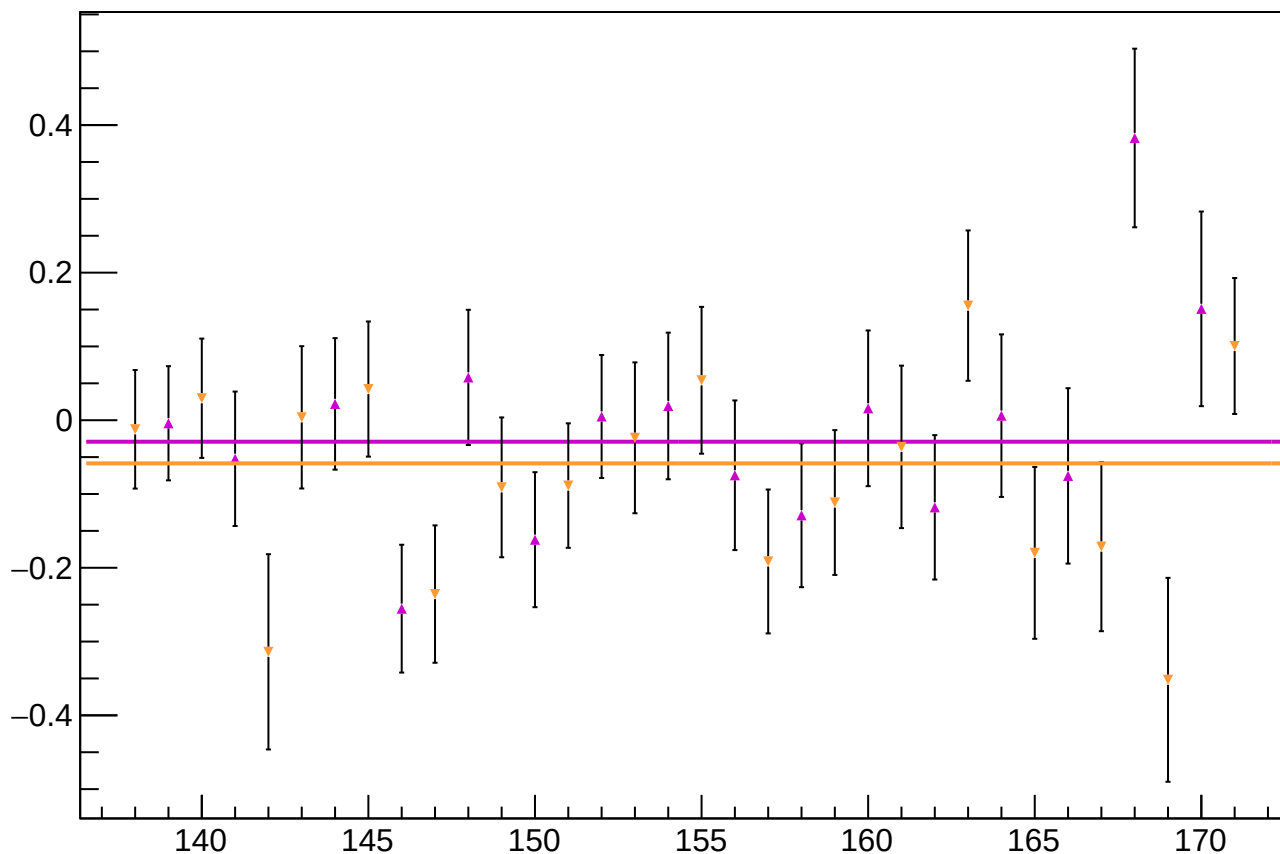
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.298 ± 0.009 $\chi^2/\text{NDF}: 38398.7/17$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.298 ± 0.010 $\chi^2/\text{NDF}: 24955.7/15$

Left: -1.298 ± 0.007 $\chi^2/\text{NDF}: 63354.4/33$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.064 ± 0.009 $\chi^2/\text{NDF}: 33874.5/31$
 Out: -1.350 ± 0.009 $\chi^2/\text{NDF}: 116470.7/35$
 All: -1.209 ± 0.006 $\chi^2/\text{NDF}: 150890.4/67$

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: -0.059 $\pm$ 0.023 χ^2 /NDF:28.3/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.029 $\pm$ 0.024 χ^2 /NDF:26.7/15

Left: -0.044 $\pm$ 0.017 χ^2 /NDF: 55.7/33

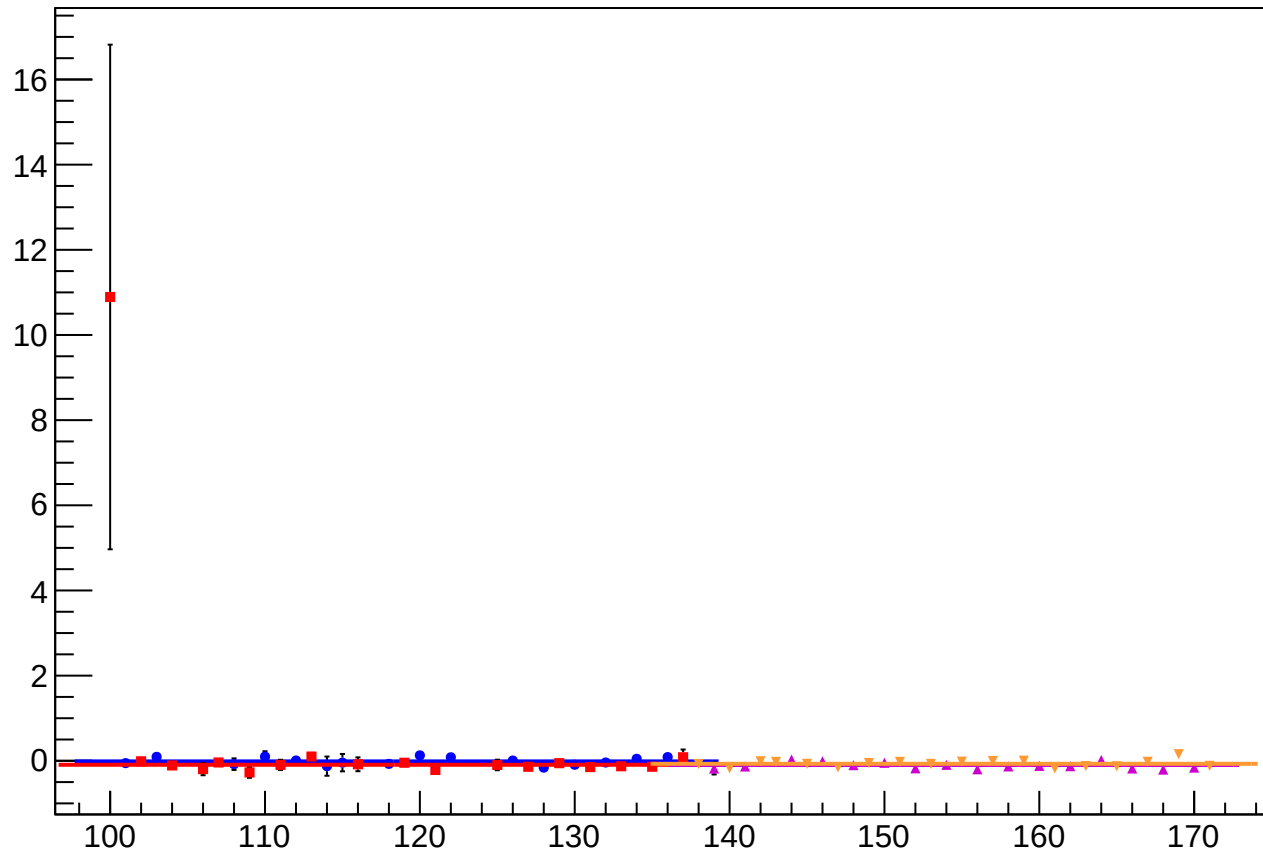
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.029 $\pm$ 0.024 χ^2 /NDF:26.7/15

Out: -0.059 $\pm$ 0.023 χ^2 /NDF:28.3/17

All: -0.044 $\pm$ 0.017 χ^2 /NDF: 55.7/33

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: -0.071+/-0.016 χ^2/NDF : 19.3/17

Right Out: -0.093+/-0.025 χ^2/NDF : 13.5/17

Left In: -0.099+/-0.017 χ^2/NDF : 16.0/15

Left: -0.084+/-0.012 χ^2/NDF : 36.7/33

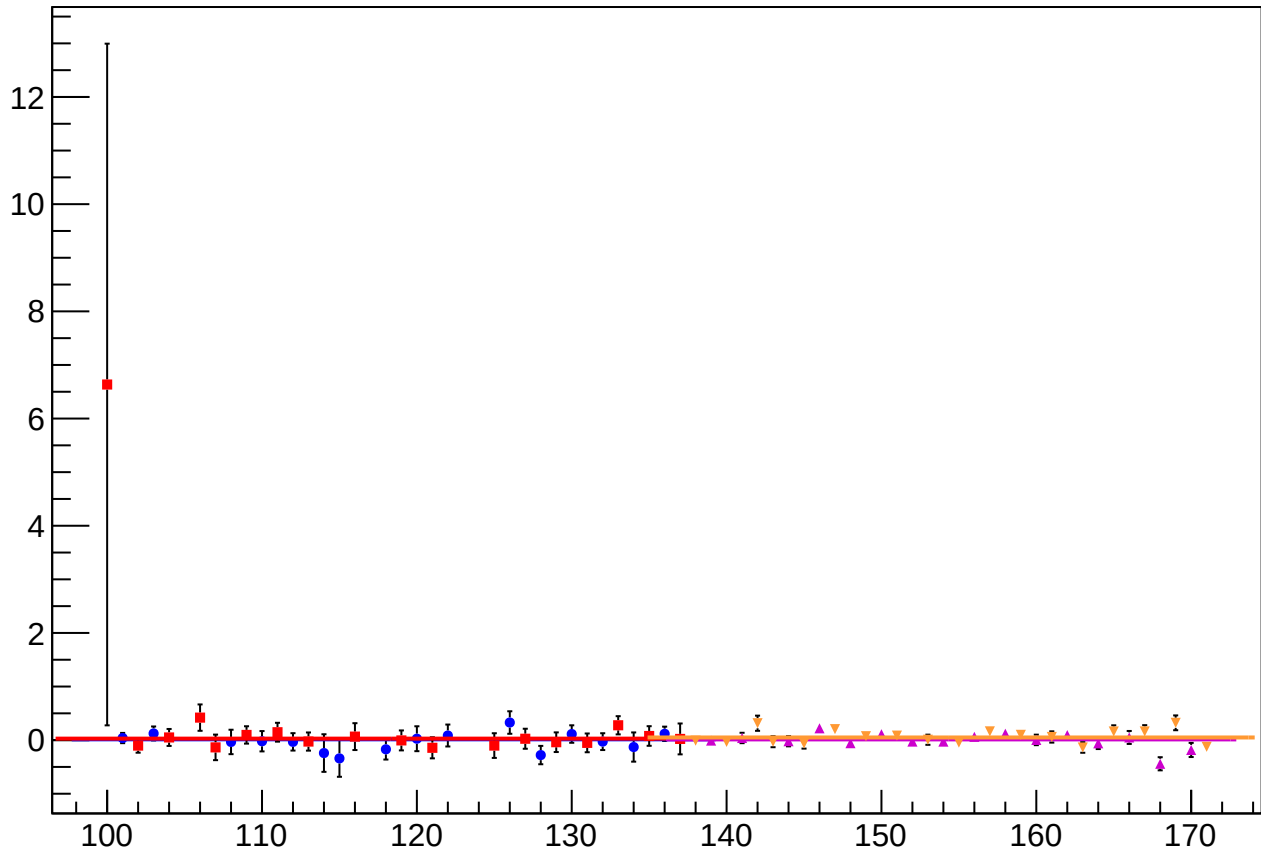
Right: -0.051+/-0.017 χ^2/NDF : 31.5/33

In: -0.069+/-0.014 χ^2/NDF : 37.0/31

Out: -0.078+/-0.014 χ^2/NDF : 33.4/35

All: -0.073+/-0.010 χ^2/NDF : 70.6/67

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: 0.050+/-0.023 χ^2/NDF :26.4/17

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.014+/-0.024 χ^2/NDF :27.8/15

Left: 0.032+/-0.016 χ^2/NDF : 55.4/33

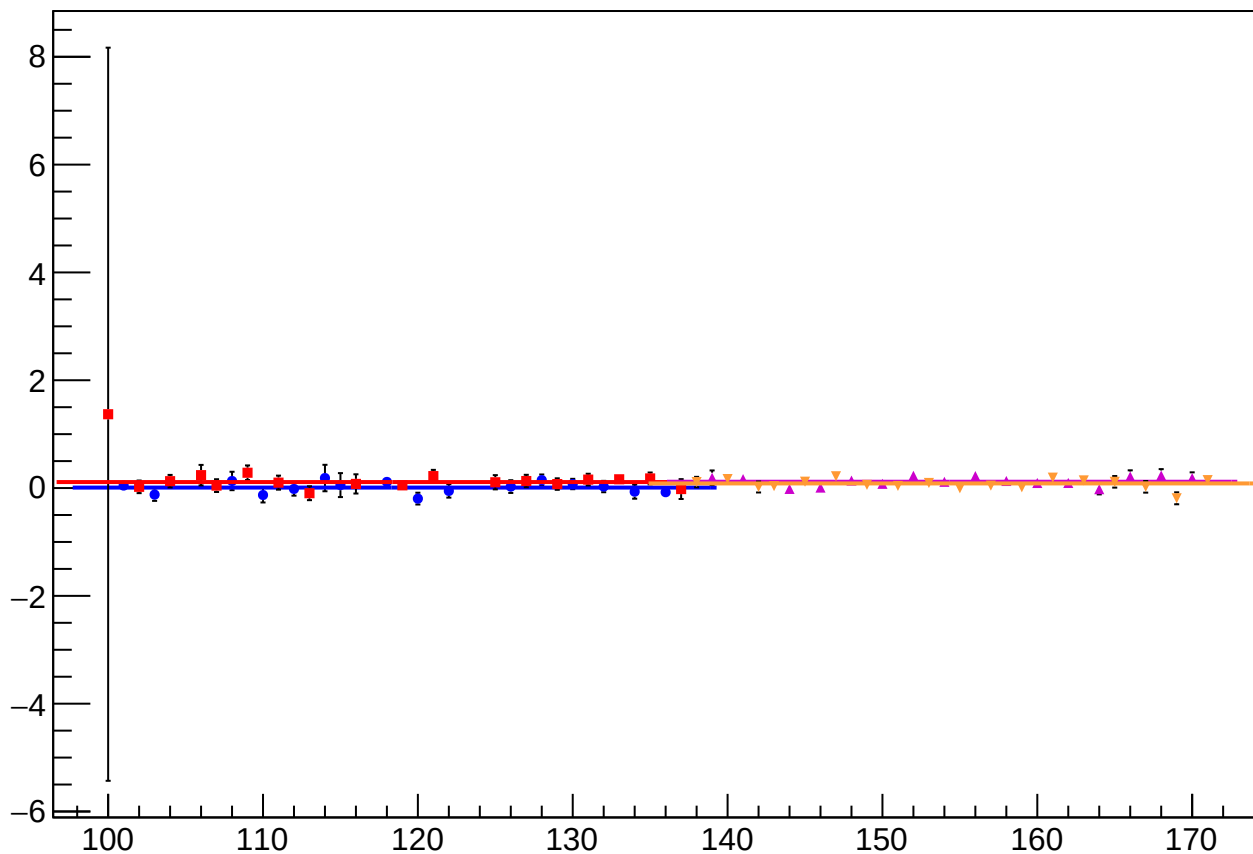
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.014+/-0.021 χ^2/NDF :37.9/31

Out: 0.045+/-0.020 χ^2/NDF :36.1/35

All: 0.030+/-0.015 χ^2/NDF : 75.1/67

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: 0.086 $\pm$ 0.019 χ^2 /NDF: 19.3/17

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.117 $\pm$ 0.020 χ^2 /NDF: 15.1/15

Left: 0.101 $\pm$ 0.014 χ^2 /NDF: 35.7/33

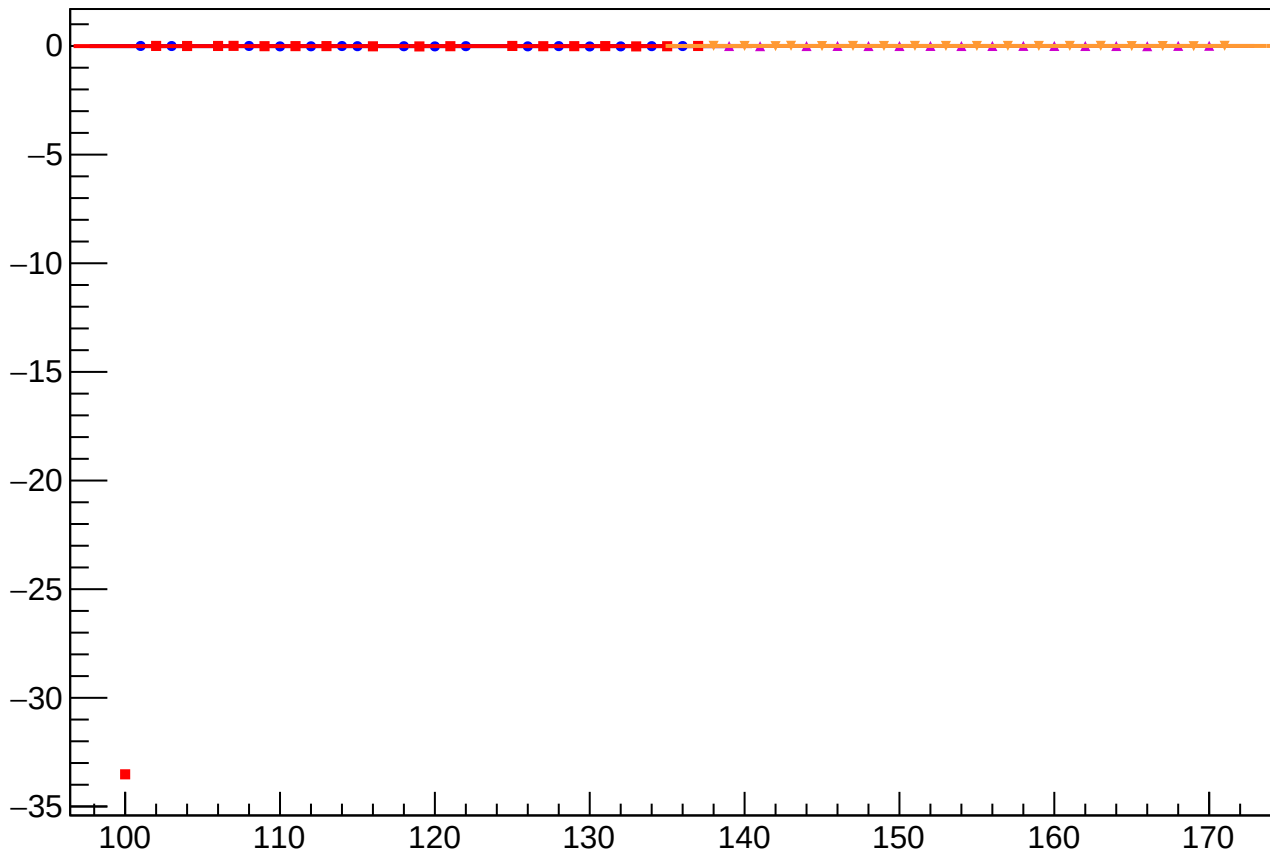
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.078 $\pm$ 0.016 χ^2 /NDF: 38.1/31

Out: 0.094 $\pm$ 0.016 χ^2 /NDF: 28.5/35

All: 0.086 $\pm$ 0.011 χ^2 /NDF: 67.1/67

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:19.4/17

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:14.8/15

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 34.8/33

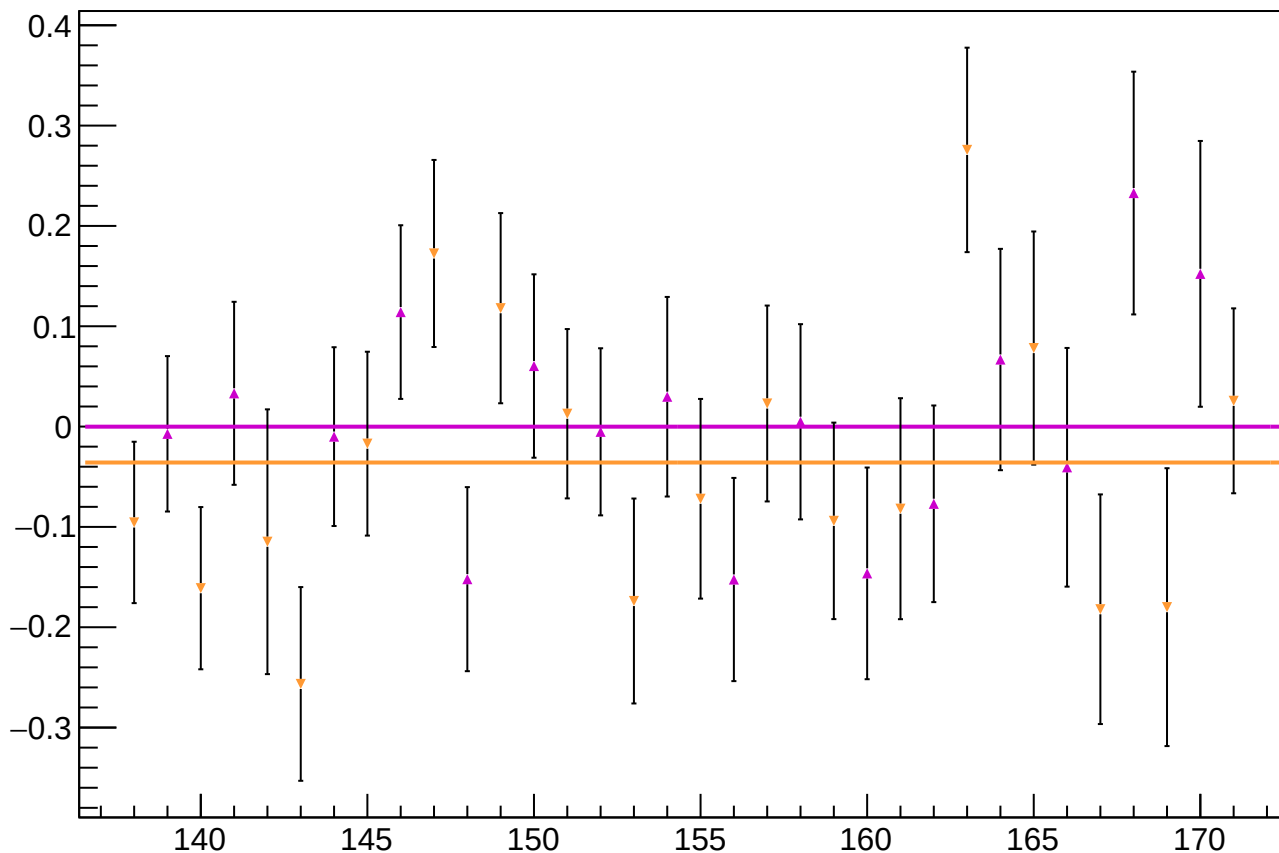
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:49.1/31

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26546.7/35

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26596.2/67

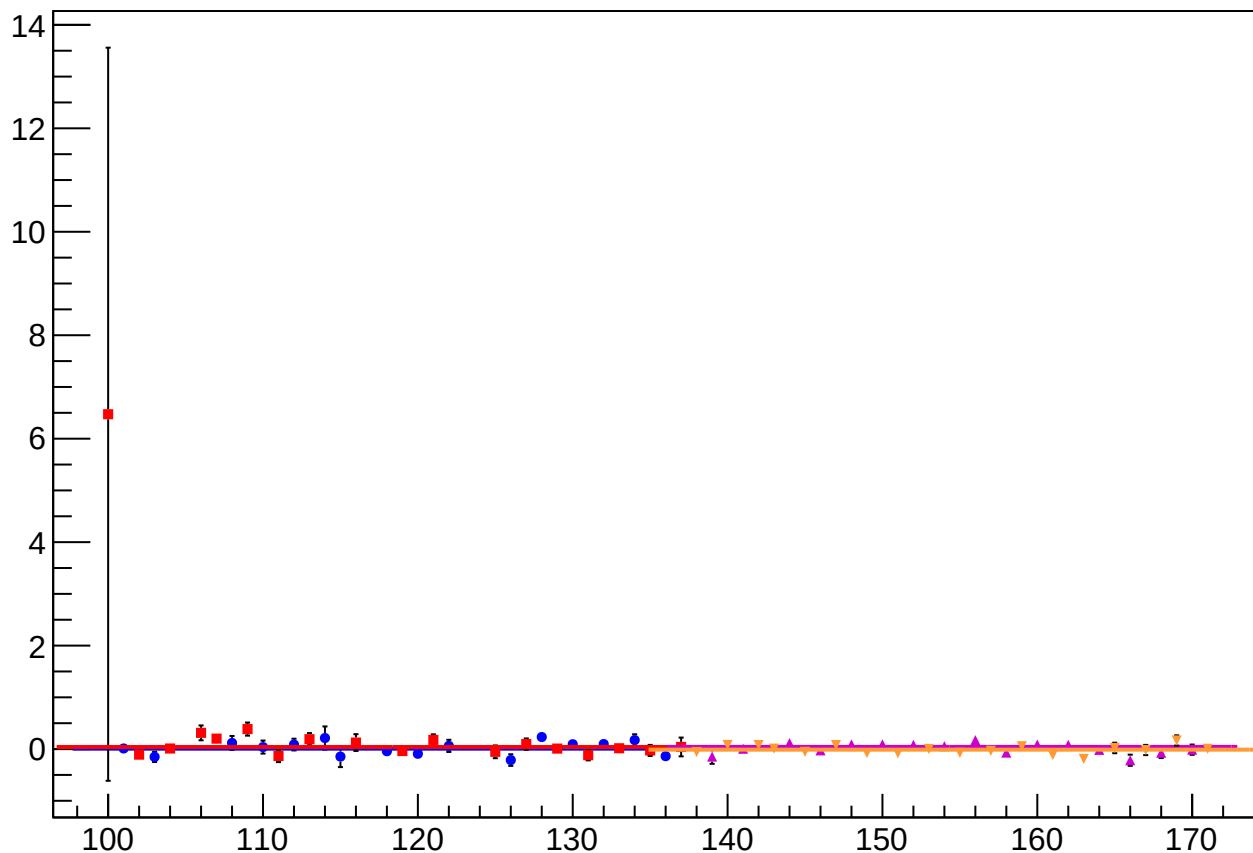
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.036 $\pm$ 0.023 χ^2 /NDF:32.9/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.000 $\pm$ 0.024 χ^2 /NDF:15.5/15

Left: -0.019 $\pm$ 0.017 χ^2 /NDF: 49.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.000 $\pm$ 0.024 χ^2 /NDF:15.5/15
 Out: -0.036 $\pm$ 0.023 χ^2 /NDF:32.9/17
 All: -0.019 $\pm$ 0.017 χ^2 /NDF: 49.5/33

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.023 χ^2/NDF : 23.7/15

Left Out: -0.012+/-0.016 χ^2/NDF : 23.1/17

Right Out: 0.039+/-0.025 χ^2/NDF : 28.4/17

Left In: 0.042+/-0.017 χ^2/NDF : 21.9/15

Left: 0.013+/-0.012 χ^2/NDF : 50.0/33

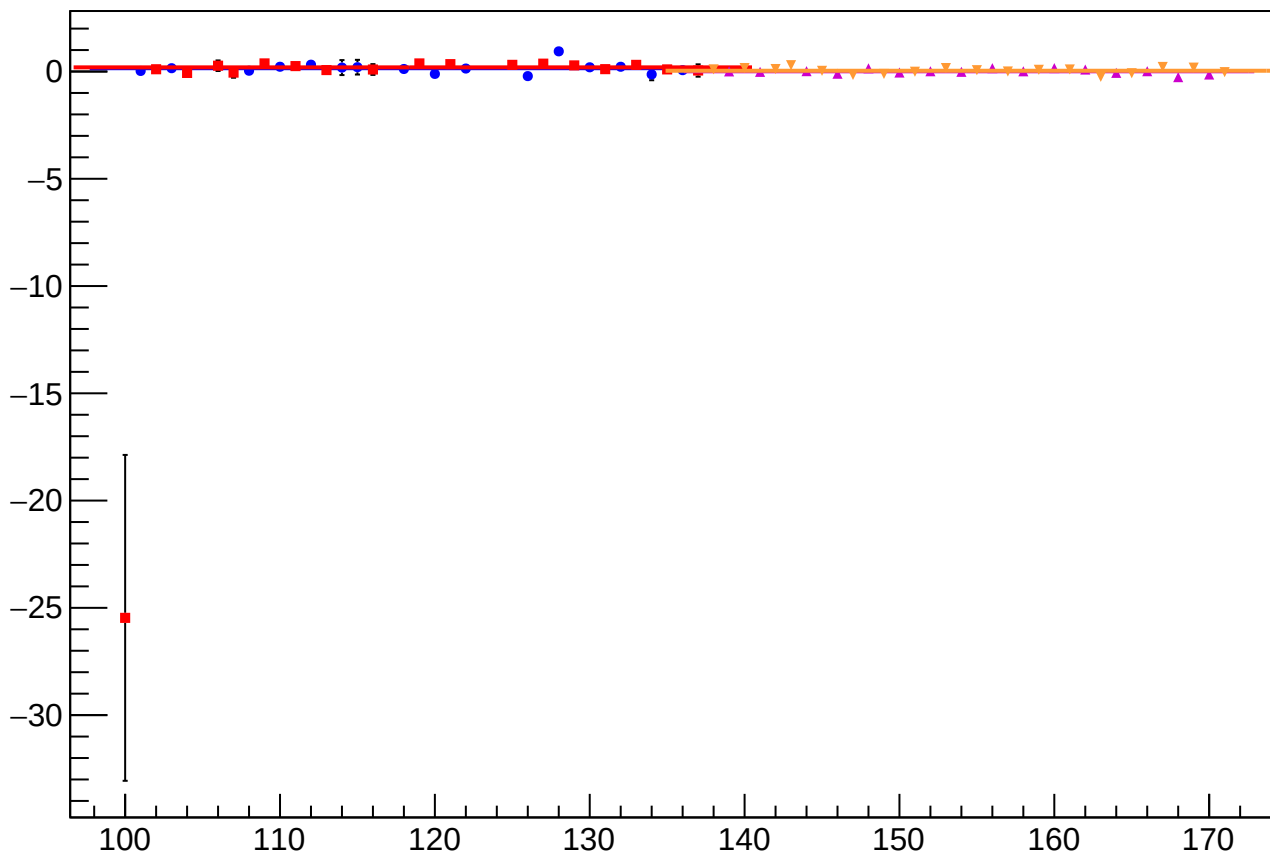
Right: 0.023+/-0.017 χ^2/NDF : 52.9/33

In: 0.030+/-0.014 χ^2/NDF : 46.9/31

Out: 0.004+/-0.014 χ^2/NDF : 54.5/35

All: 0.016+/-0.010 χ^2/NDF : 103.1/67

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: 0.035+/-0.023 χ^2/NDF :33.3/17

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.009+/-0.024 χ^2/NDF :17.2/15

Left: 0.023+/-0.016 χ^2/NDF : 51.2/33

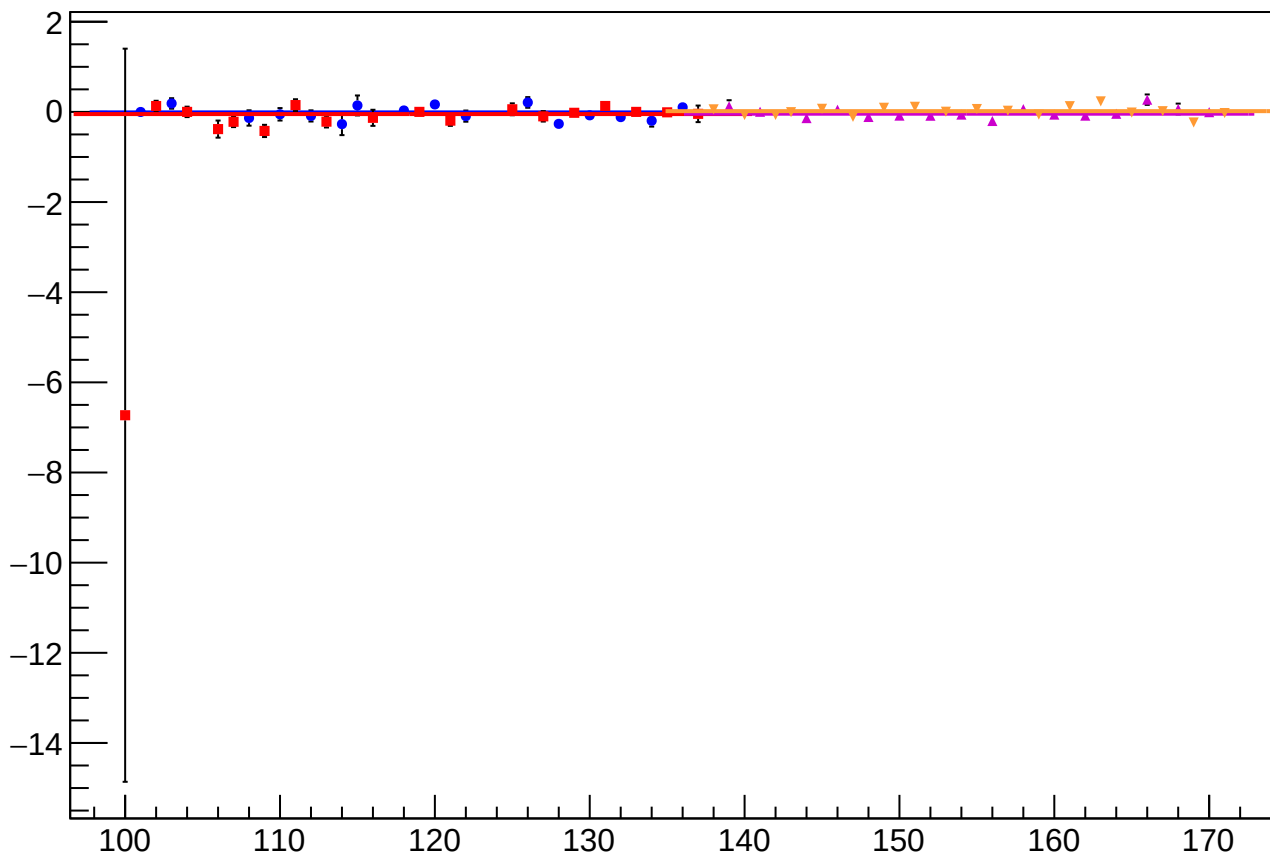
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.043+/-0.021 χ^2/NDF :56.4/31

Out: 0.068+/-0.020 χ^2/NDF :65.1/35

All: 0.056+/-0.015 χ^2/NDF : 122.3/67

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: 0.017 ± 0.019 χ^2/NDF : 26.0/17

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.040 ± 0.020 χ^2/NDF : 22.1/15

Left: -0.010 ± 0.014 χ^2/NDF : 52.3/33

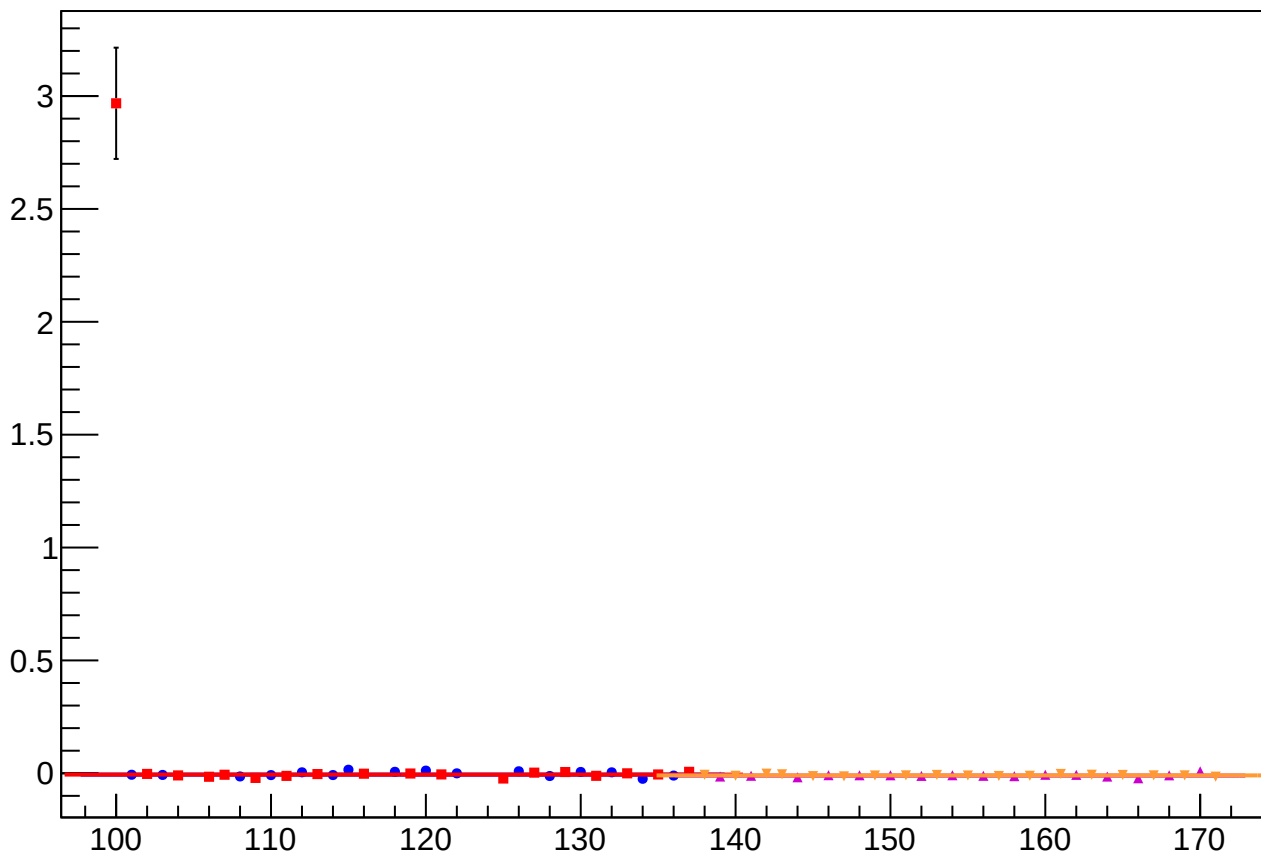
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.029 ± 0.016 χ^2/NDF : 46.3/31

Out: -0.003 ± 0.016 χ^2/NDF : 55.8/35

All: -0.016 ± 0.011 χ^2/NDF : 103.4/67

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 28.7/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF:13.6/17

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.2/17

Left In: -0.010 $\pm$ 0.001 χ^2 /NDF:29.7/15

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 43.9/33

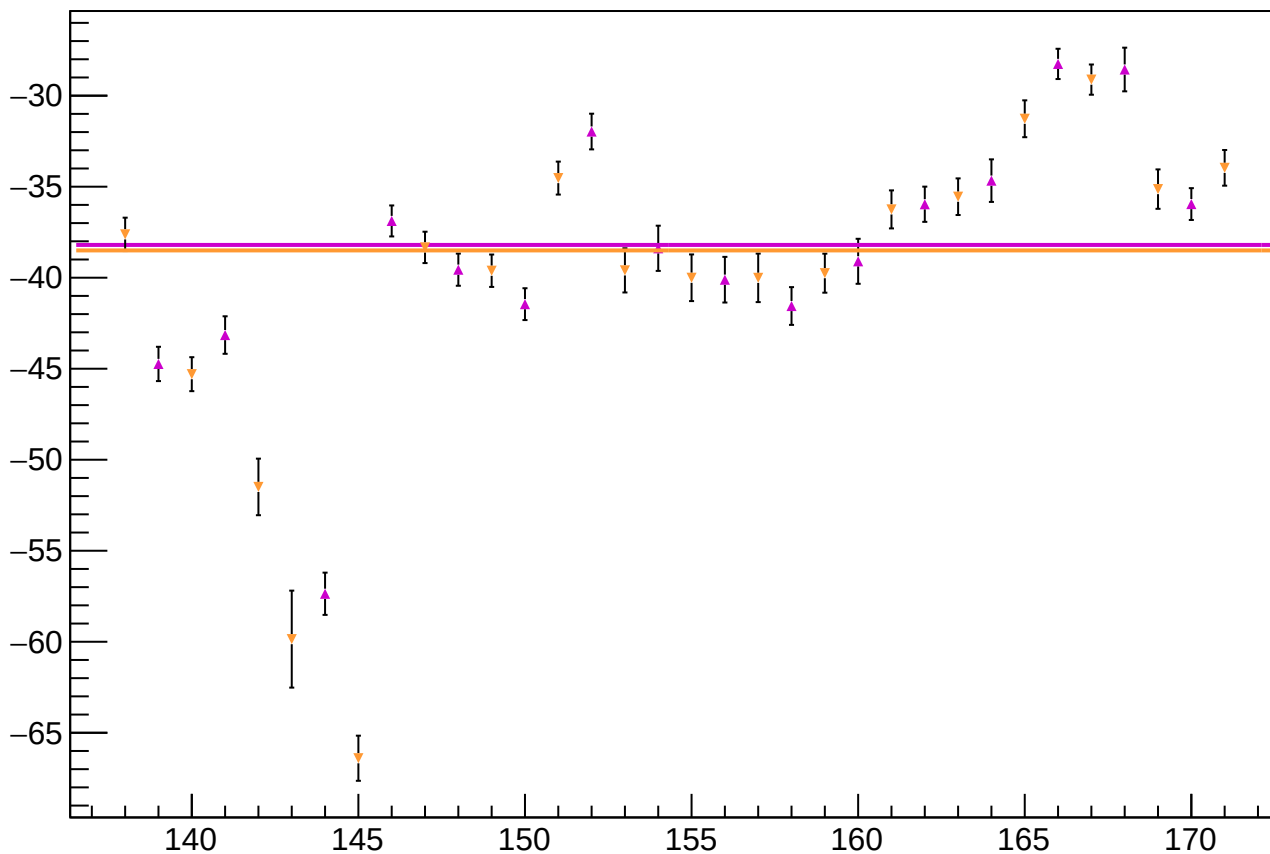
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 193.9/33

In: -0.009 $\pm$ 0.001 χ^2 /NDF:65.0/31

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:183.1/35

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 248.5/67

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



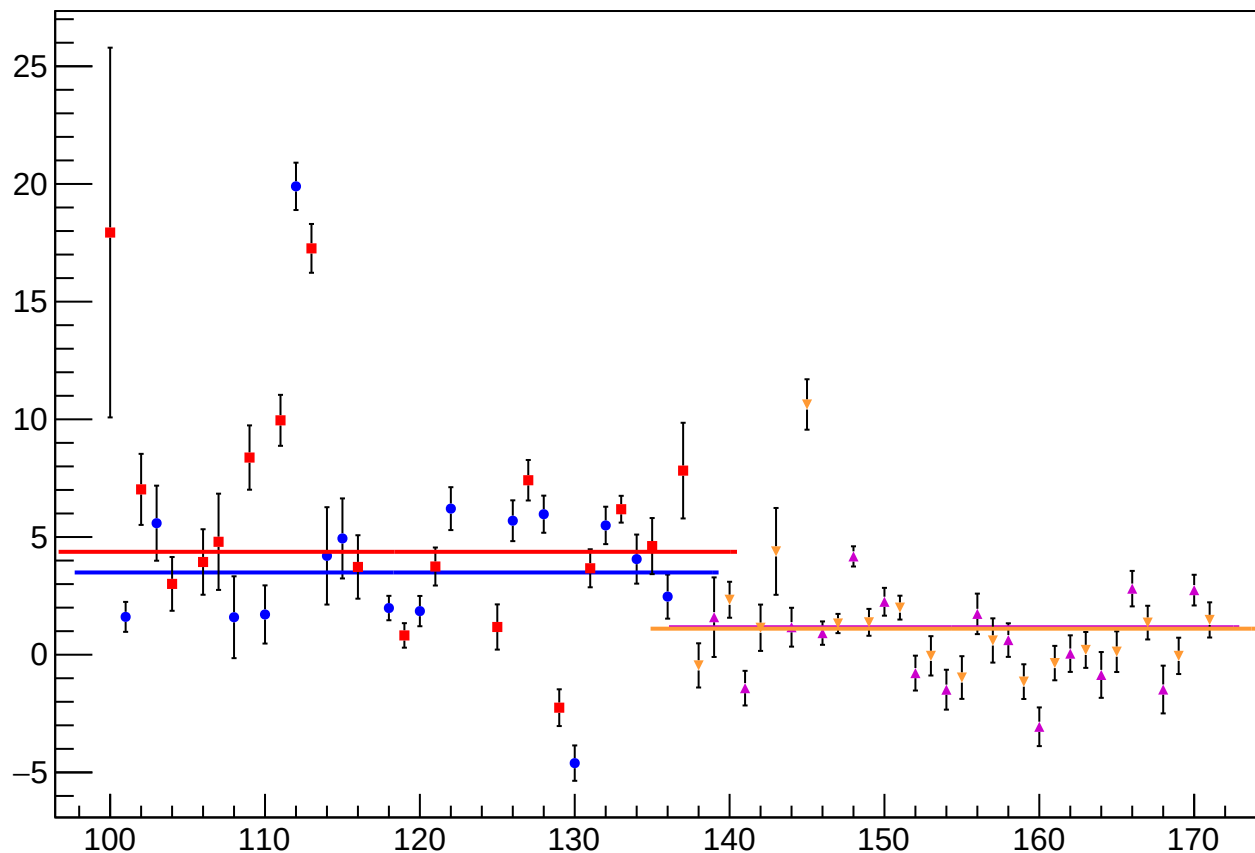
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.501+/-0.248 χ^2/NDF :943.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.199+/-0.250 χ^2/NDF :645.0/15

Left: -38.352+/-0.176 χ^2/NDF : 1589.3/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.199+/-0.250 χ^2/NDF :645.0/15
 Out: -38.501+/-0.248 χ^2/NDF :943.6/17

All: -38.352+/-0.176 χ^2/NDF : 1589.3/33

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: 1.106 $\pm$ 0.172 χ^2 /NDF:117.2/17

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.168 $\pm$ 0.177 χ^2 /NDF:133.3/15

Left: 1.136 $\pm$ 0.123 χ^2 /NDF: 250.5/33

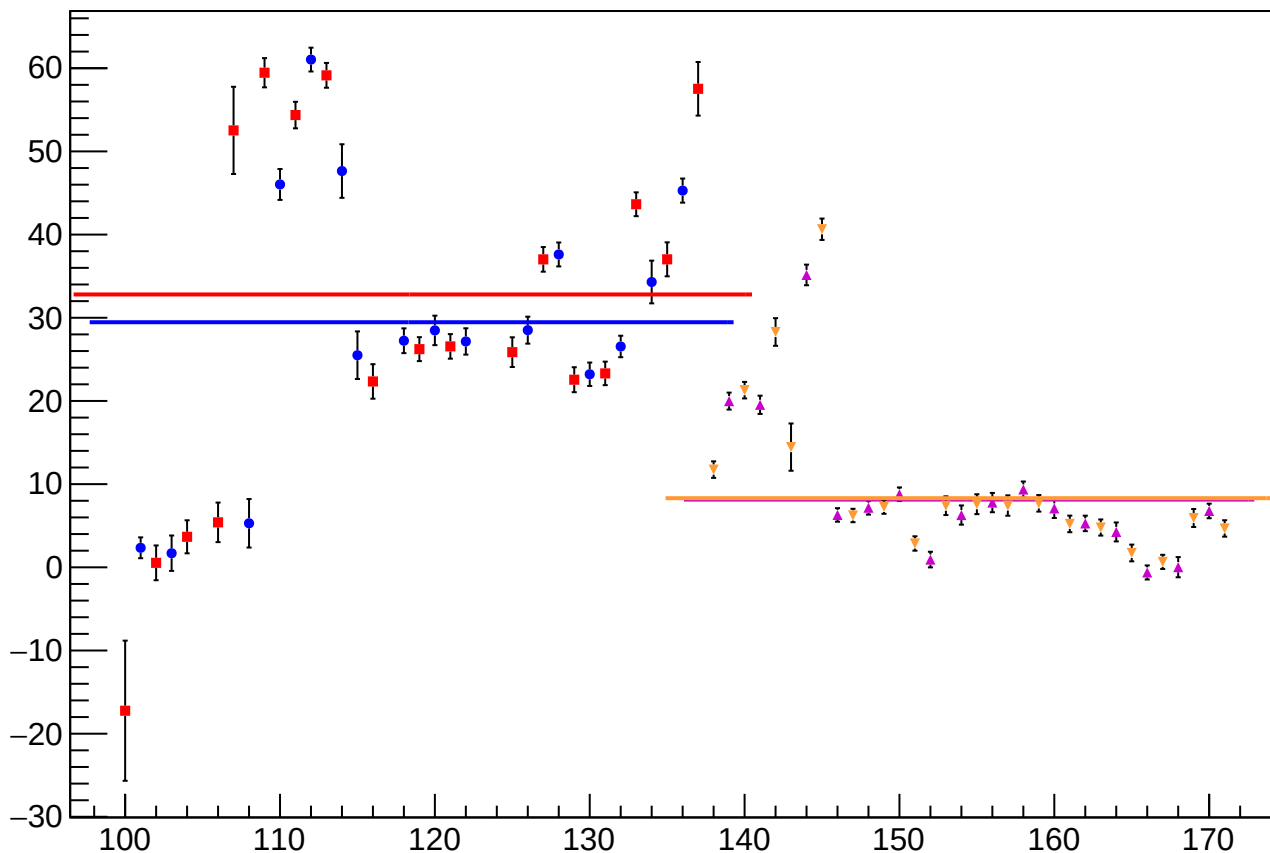
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.096 $\pm$ 0.137 χ^2 /NDF:646.8/31

Out: 2.305 $\pm$ 0.137 χ^2 /NDF:604.1/35

All: 2.201 $\pm$ 0.097 χ^2 /NDF: 1252.1/67

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 8.312 $\pm$ 0.243 χ^2 /NDF:1178.5/17

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 8.144 $\pm$ 0.245 χ^2 /NDF:962.9/15

Left: 8.229 $\pm$ 0.172 χ^2 /NDF: 2141.6/33

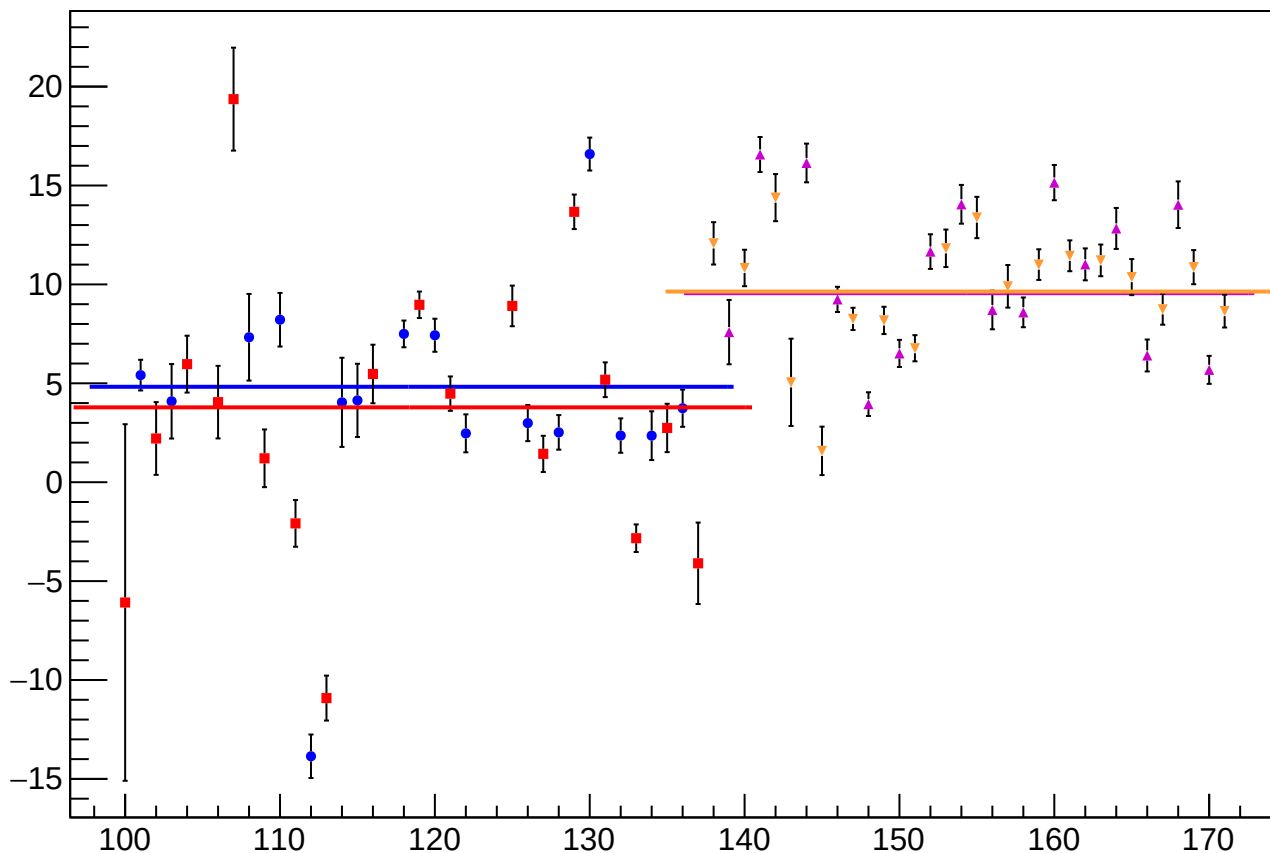
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 13.600 $\pm$ 0.211 χ^2 /NDF:4394.5/31

Out: 14.392 $\pm$ 0.211 χ^2 /NDF:5358.9/35

All: 13.997 $\pm$ 0.149 χ^2 /NDF: 9760.4/67

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.638 $\pm$ 0.202 χ^2 /NDF:135.6/17

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 9.556 $\pm$ 0.208 χ^2 /NDF:358.3/15

Left: 9.598 $\pm$ 0.145 χ^2 /NDF: 494.1/33

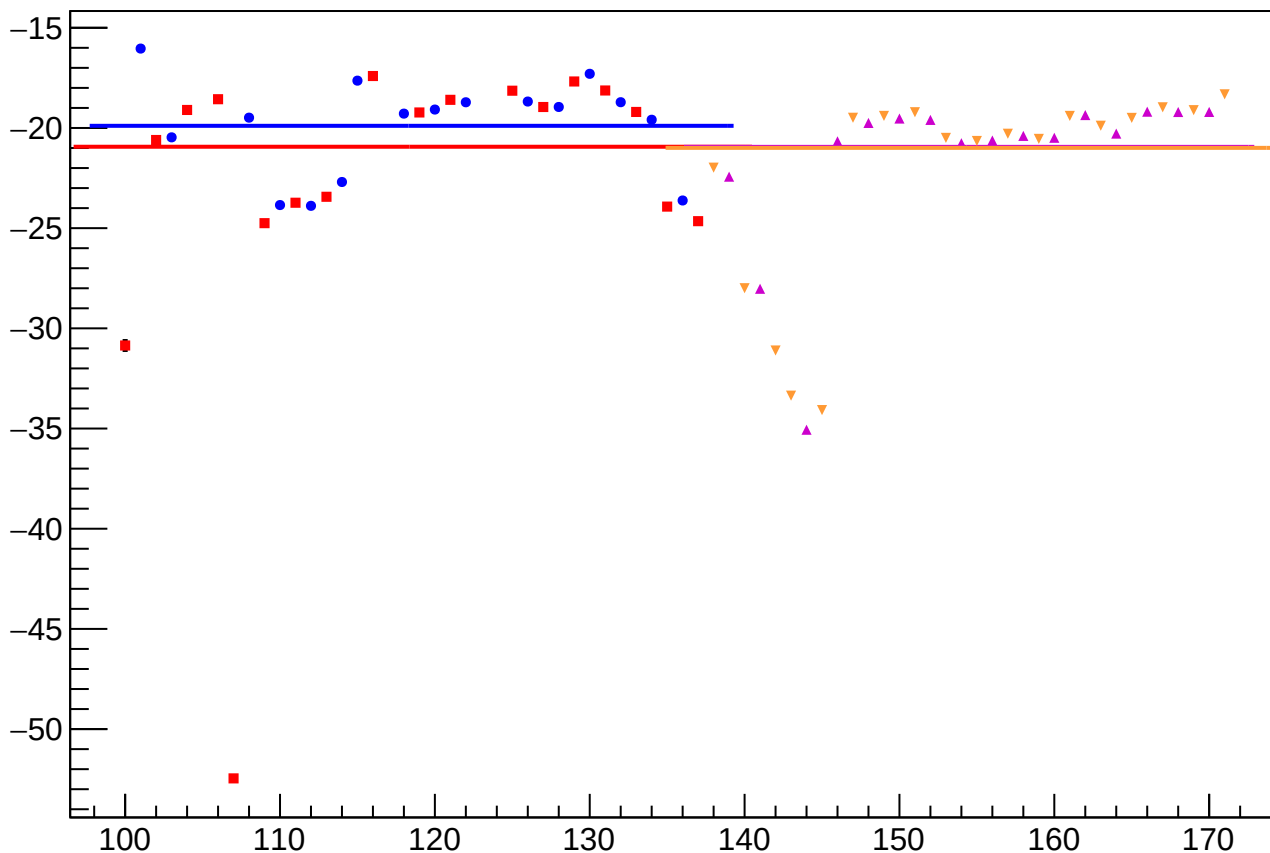
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 7.641 $\pm$ 0.160 χ^2 /NDF:1121.7/31

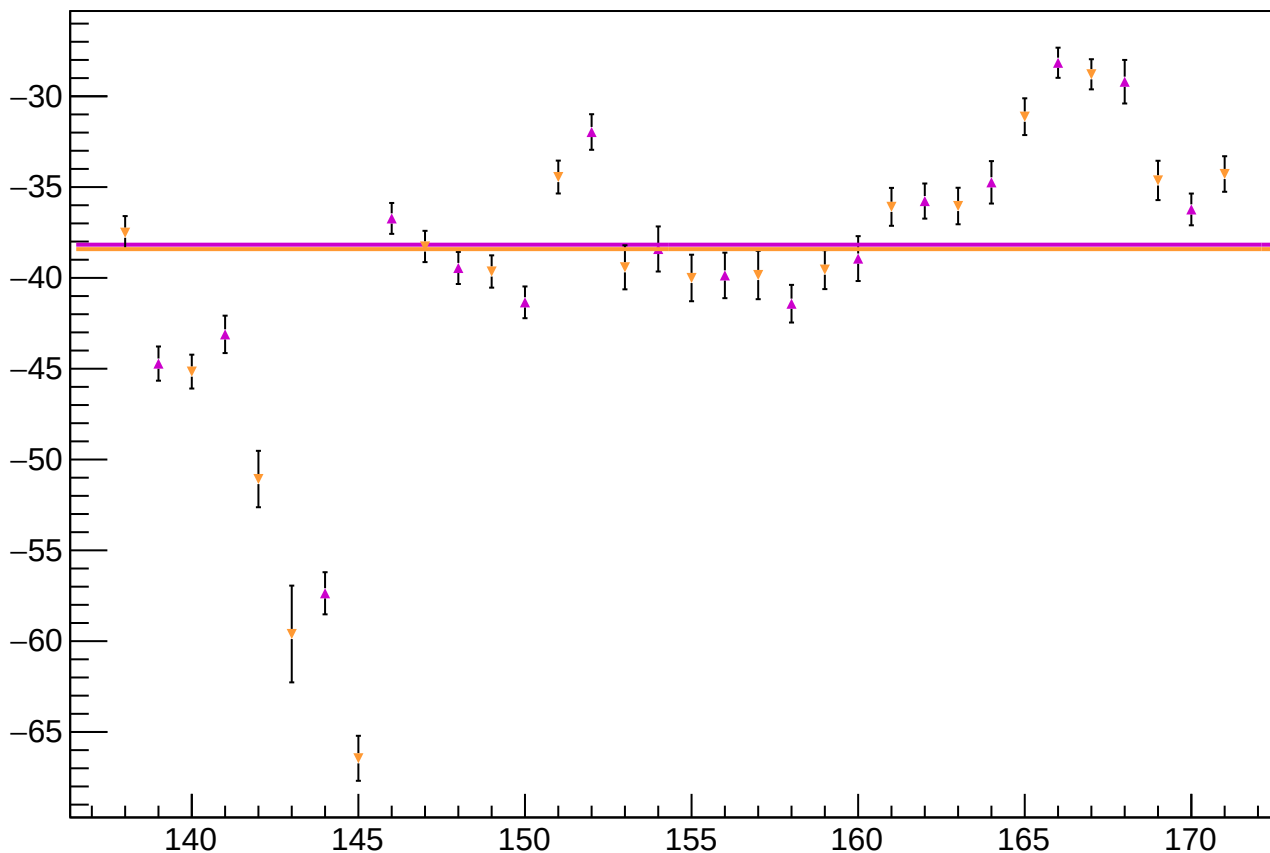
Out: 7.427 $\pm$ 0.159 χ^2 /NDF:1018.7/35

All: 7.533 $\pm$ 0.113 χ^2 /NDF: 2141.3/67

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.417+/-0.247 χ^2/NDF : 947.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.171+/-0.250 χ^2/NDF : 636.8/15

Left: -38.295+/-0.176 χ^2/NDF : 1585.2/33

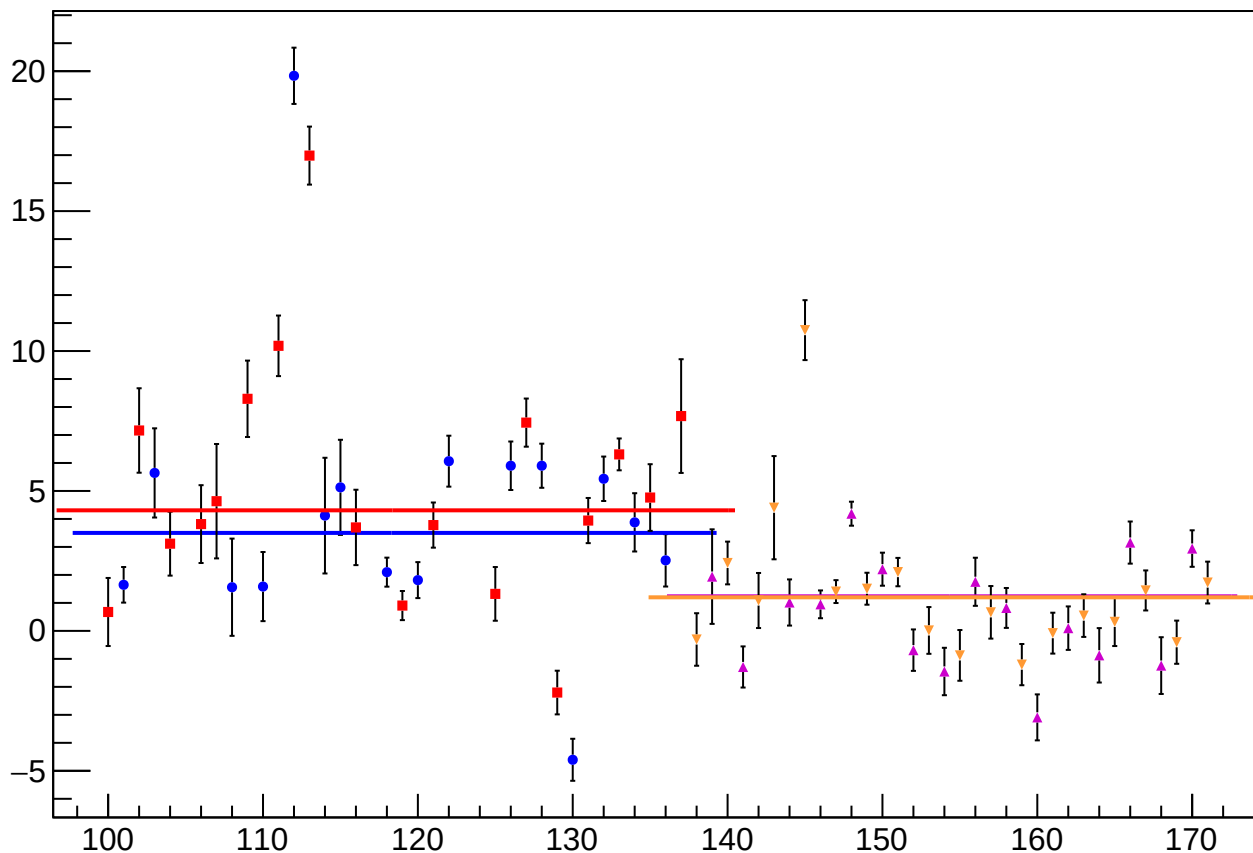
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.171+/-0.250 χ^2/NDF : 636.8/15

Out: -38.417+/-0.247 χ^2/NDF : 947.9/17

All: -38.295+/-0.176 χ^2/NDF : 1585.2/33

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: 1.200 ± 0.172 χ^2/NDF : 119.4/17

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.236 ± 0.177 χ^2/NDF : 133.9/15

Left: 1.217 ± 0.123 χ^2/NDF : 253.3/33

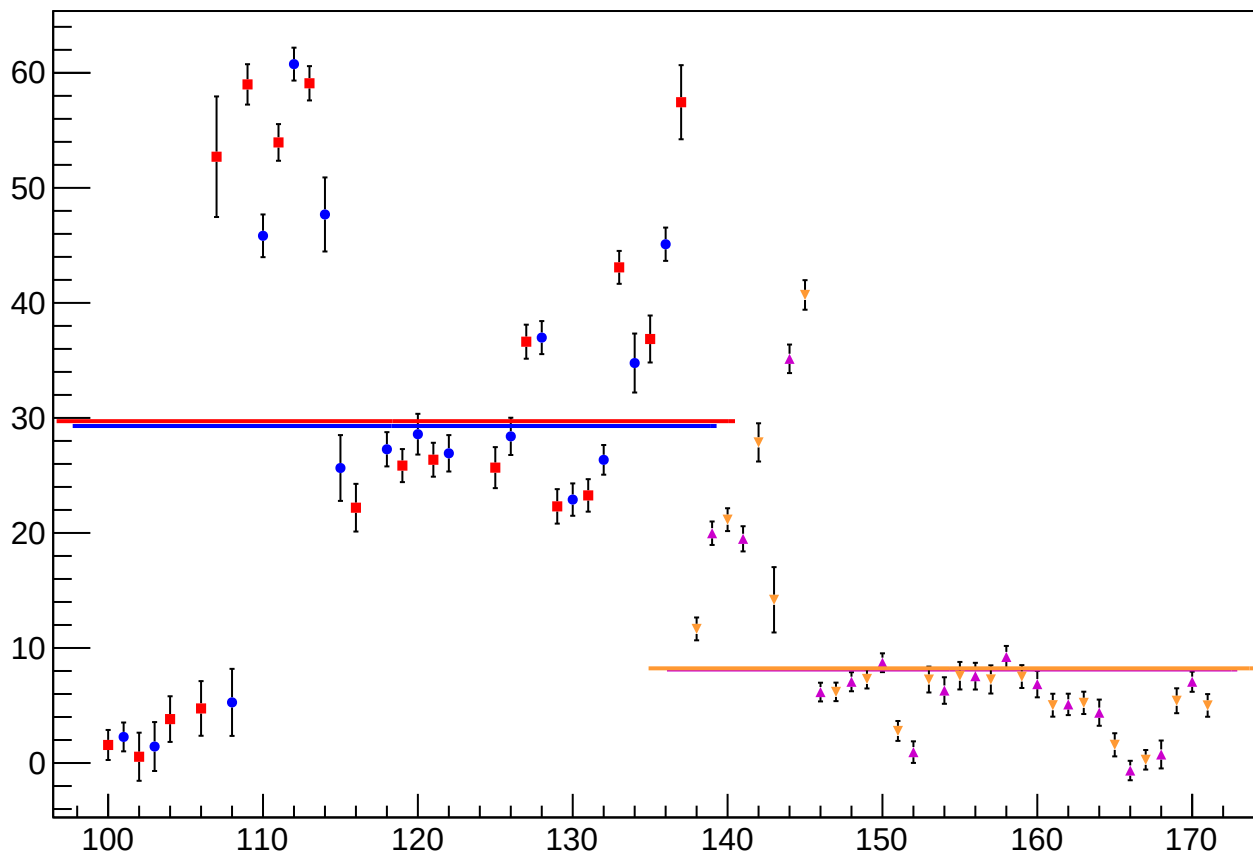
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.140 ± 0.137 χ^2/NDF : 641.0/31

Out: 2.365 ± 0.136 χ^2/NDF : 595.4/35

All: 2.254 ± 0.097 χ^2/NDF : 1237.7/67

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 8.230 $\pm$ 0.243 χ^2 /NDF:1181.4/17

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 8.127 $\pm$ 0.245 χ^2 /NDF:956.7/15

Left: 8.179 $\pm$ 0.172 χ^2 /NDF: 2138.2/33

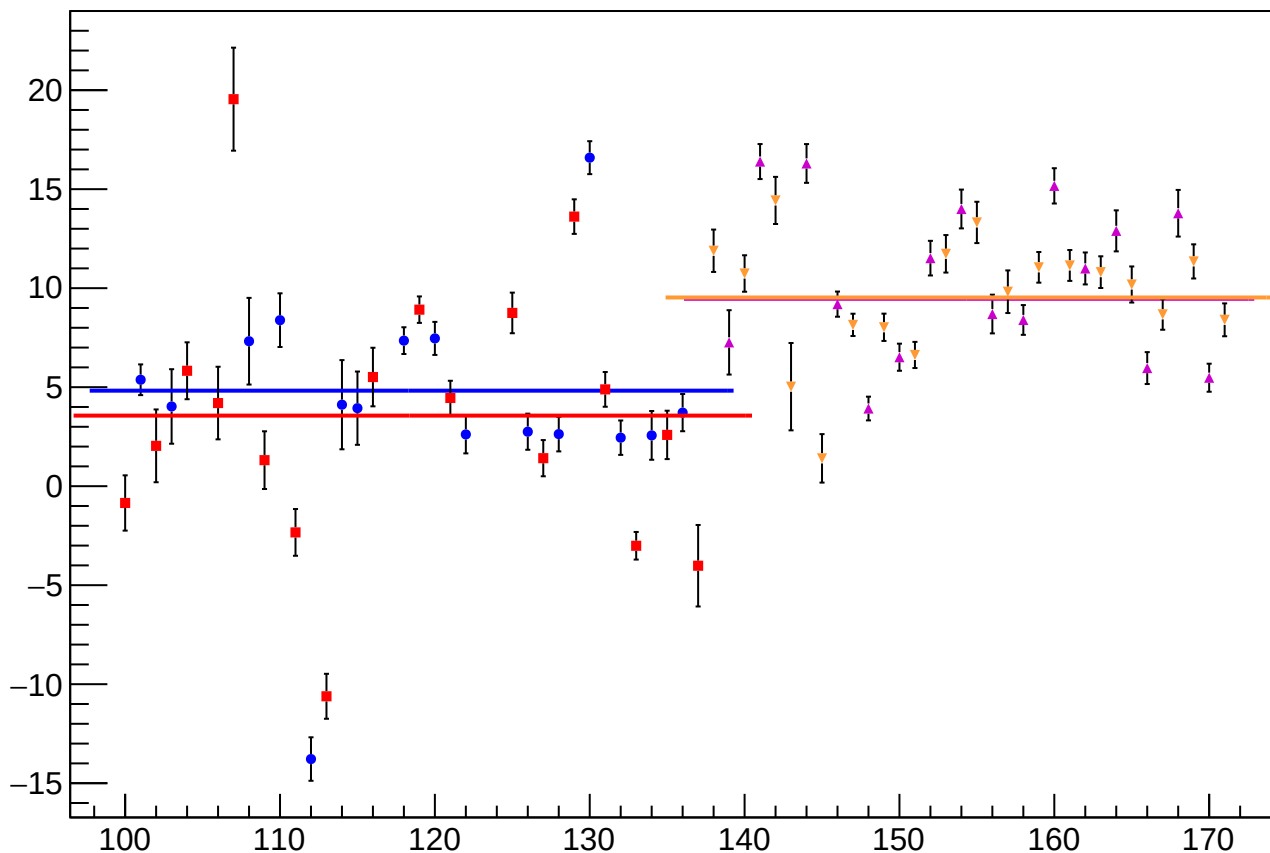
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 13.545 $\pm$ 0.211 χ^2 /NDF:4357.4/31

Out: 13.966 $\pm$ 0.208 χ^2 /NDF:5399.3/35

All: 13.758 $\pm$ 0.148 χ^2 /NDF: 9758.8/67

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.530 $\pm$ 0.202 χ^2 /NDF:139.4/17

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 9.463 $\pm$ 0.207 χ^2 /NDF:365.5/15

Left: 9.497 $\pm$ 0.145 χ^2 /NDF: 504.9/33

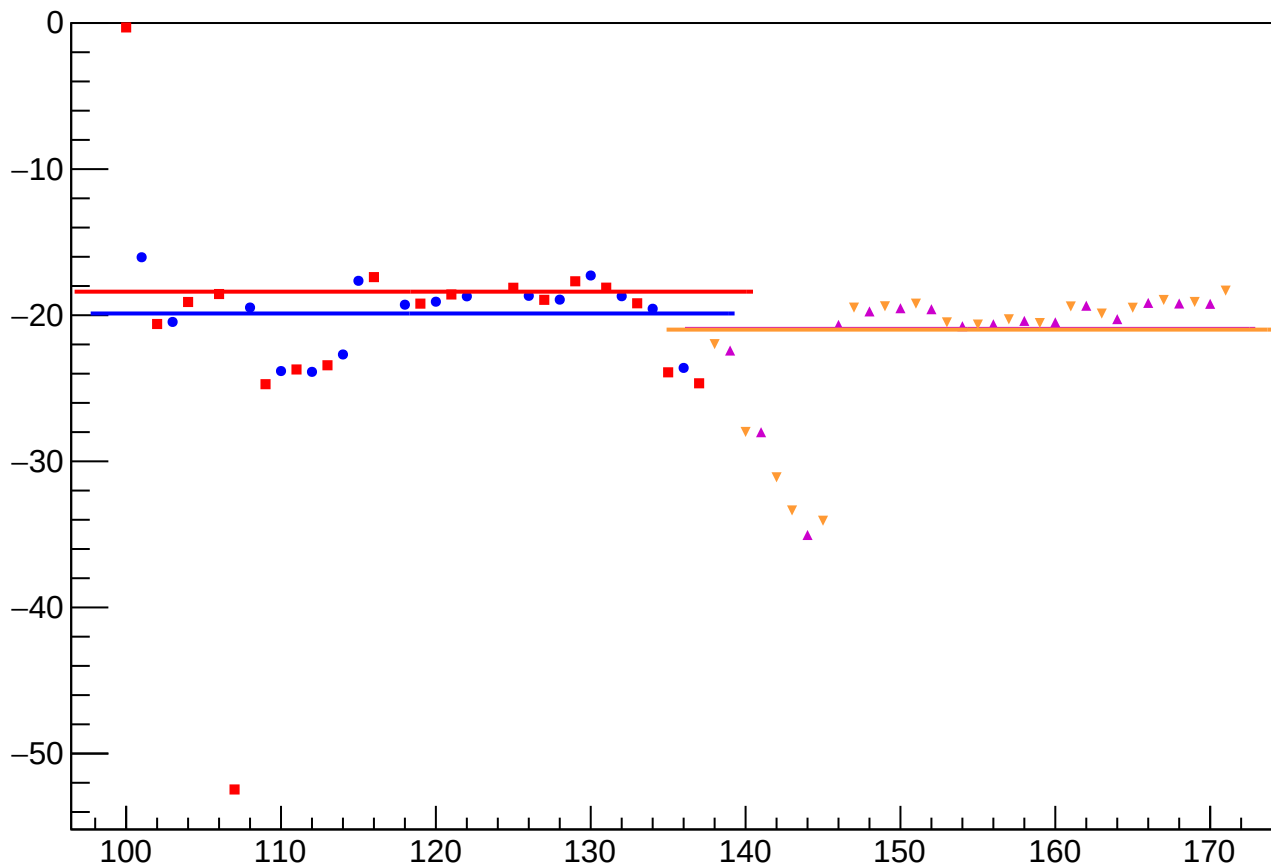
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 7.585 $\pm$ 0.160 χ^2 /NDF:1117.2/31

Out: 7.229 $\pm$ 0.158 χ^2 /NDF:1047.3/35

All: 7.405 $\pm$ 0.112 χ^2 /NDF: 2167.0/67

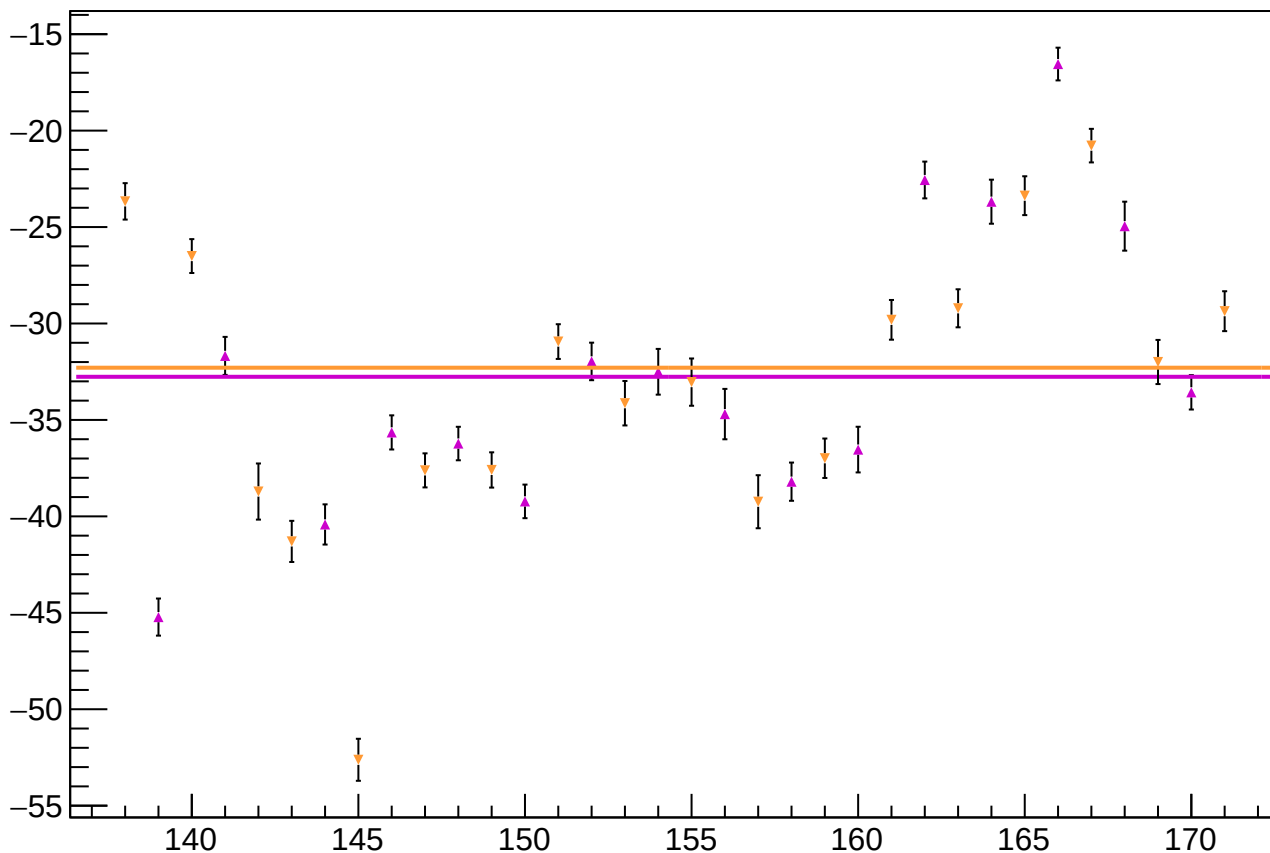
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.985 ± 0.010 $\chi^2/\text{NDF}: 149390.5/17$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.934 ± 0.010 $\chi^2/\text{NDF}: 107614.7/15$

Left: -20.960 ± 0.007 $\chi^2/\text{NDF}: 257018.9/33$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.641 ± 0.008 $\chi^2/\text{NDF}: 137001.2/31$
 Out: -20.213 ± 0.008 $\chi^2/\text{NDF}: 472470.2/35$
 All: -20.422 ± 0.006 $\chi^2/\text{NDF}: 610859.9/67$

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: -32.292+/-0.241 χ^2/NDF : 964.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.763+/-0.249 χ^2/NDF : 929.0/15

Left: -32.520+/-0.173 χ^2/NDF : 1895.7/33

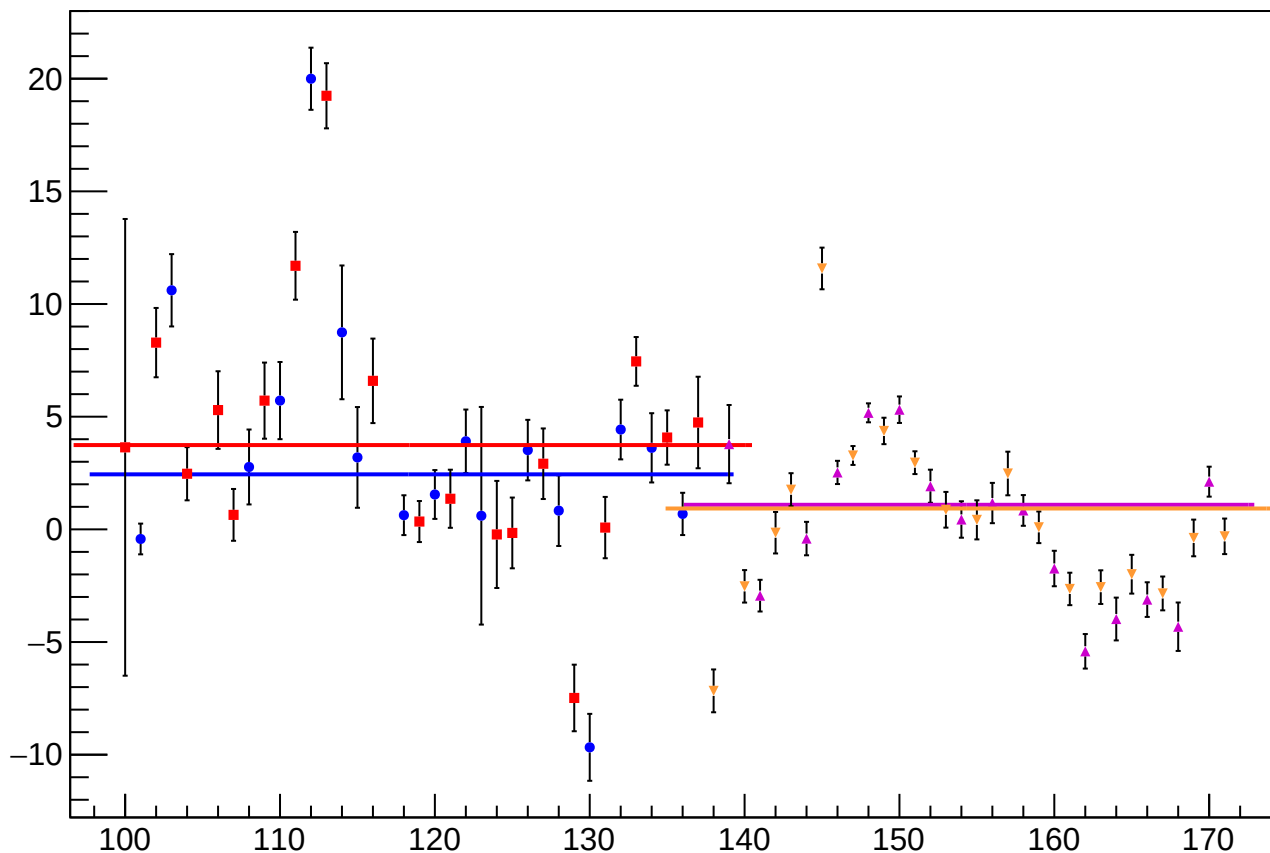
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.763+/-0.249 χ^2/NDF : 929.0/15

Out: -32.292+/-0.241 χ^2/NDF : 964.9/17

All: -32.520+/-0.173 χ^2/NDF : 1895.7/33

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 0.926 ± 0.167 χ^2/NDF : 405.7/17

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 1.090 ± 0.175 χ^2/NDF : 365.6/15

Left: 1.004 ± 0.121 χ^2/NDF : 771.8/33

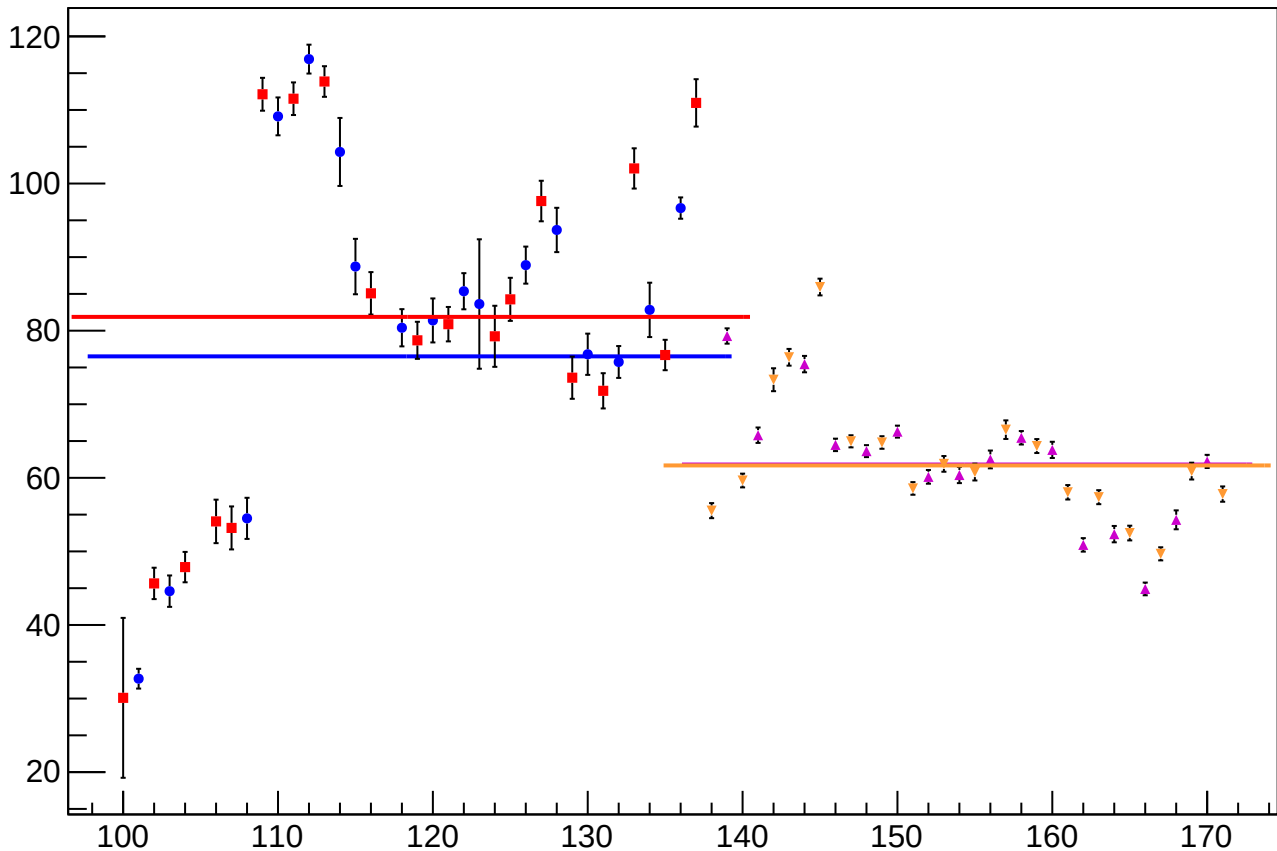
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.415 ± 0.153 χ^2/NDF : 674.6/32

Out: 1.511 ± 0.149 χ^2/NDF : 732.7/36

All: 1.464 ± 0.107 χ^2/NDF : 1407.5/69

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 61.685 $\pm$ 0.238 χ^2 /NDF:1098.8/17

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 61.810 $\pm$ 0.243 χ^2 /NDF:1146.4/15

Left: 61.746 $\pm$ 0.170 χ^2 /NDF: 2245.3/33

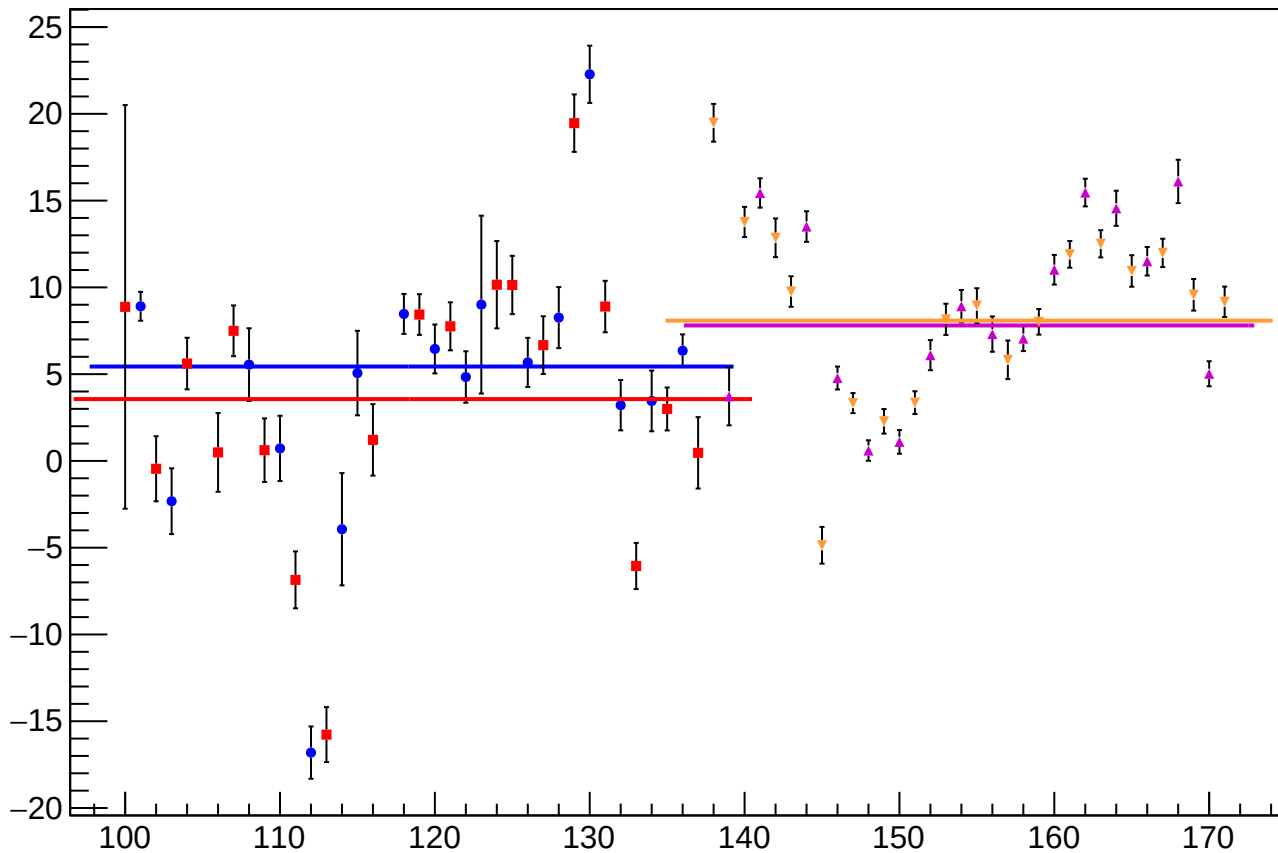
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 64.045 $\pm$ 0.224 χ^2 /NDF:3953.1/32

Out: 64.488 $\pm$ 0.220 χ^2 /NDF:3672.1/36

All: 64.270 $\pm$ 0.157 χ^2 /NDF: 7627.2/69

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 8.086 ± 0.197 $\chi^2/\text{NDF}: 609.1/17$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 7.805 ± 0.205 $\chi^2/\text{NDF}: 633.9/15$

Left: 7.951 ± 0.142 $\chi^2/\text{NDF}: 1243.9/33$

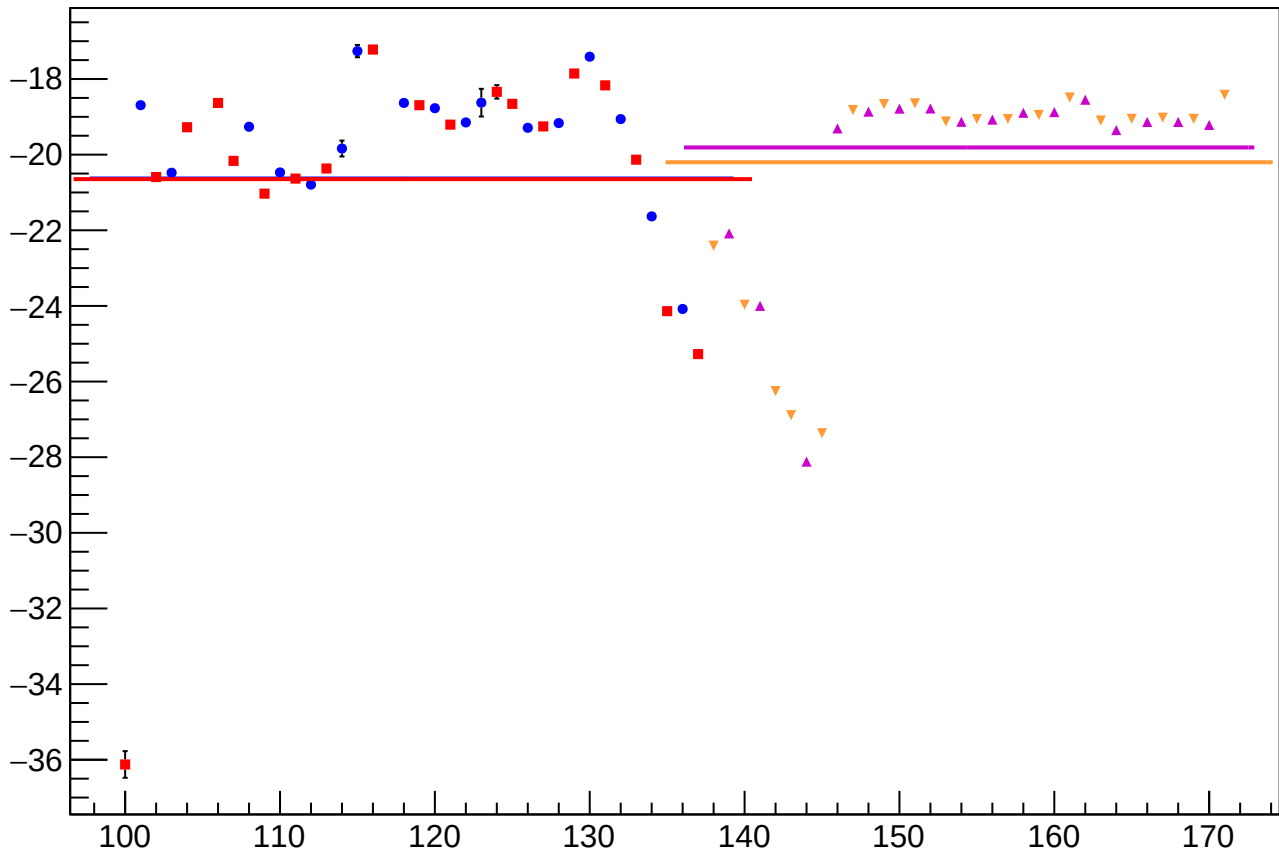
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 7.219 ± 0.178 $\chi^2/\text{NDF}: 1052.9/32$

Out: 7.111 ± 0.174 $\chi^2/\text{NDF}: 1144.0/36$

All: 7.164 ± 0.124 $\chi^2/\text{NDF}: 2197.1/69$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.200+/-0.009 χ^2/NDF : 83932.9/17

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -19.810+/-0.010 χ^2/NDF : 49255.8/15

Left: -20.010+/-0.007 χ^2/NDF : 134033.9/33

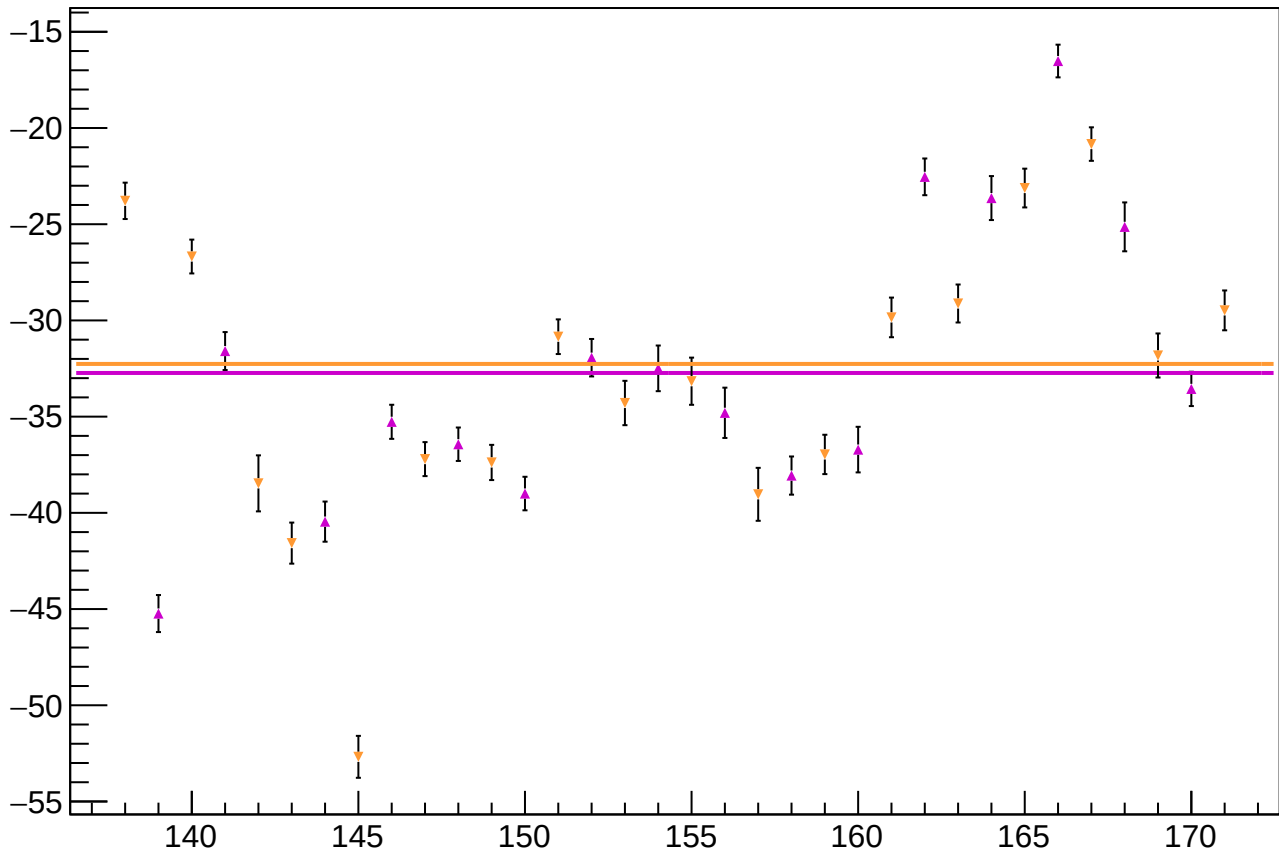
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -19.973+/-0.009 χ^2/NDF : 63209.8/32

Out: -20.285+/-0.008 χ^2/NDF : 98270.8/36

All: -20.132+/-0.006 χ^2/NDF : 162148.9/69

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: -32.261+/-0.241 χ^2/NDF : 957.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.730+/-0.249 χ^2/NDF : 924.6/15

Left: -32.488+/-0.173 χ^2/NDF : 1884.2/33

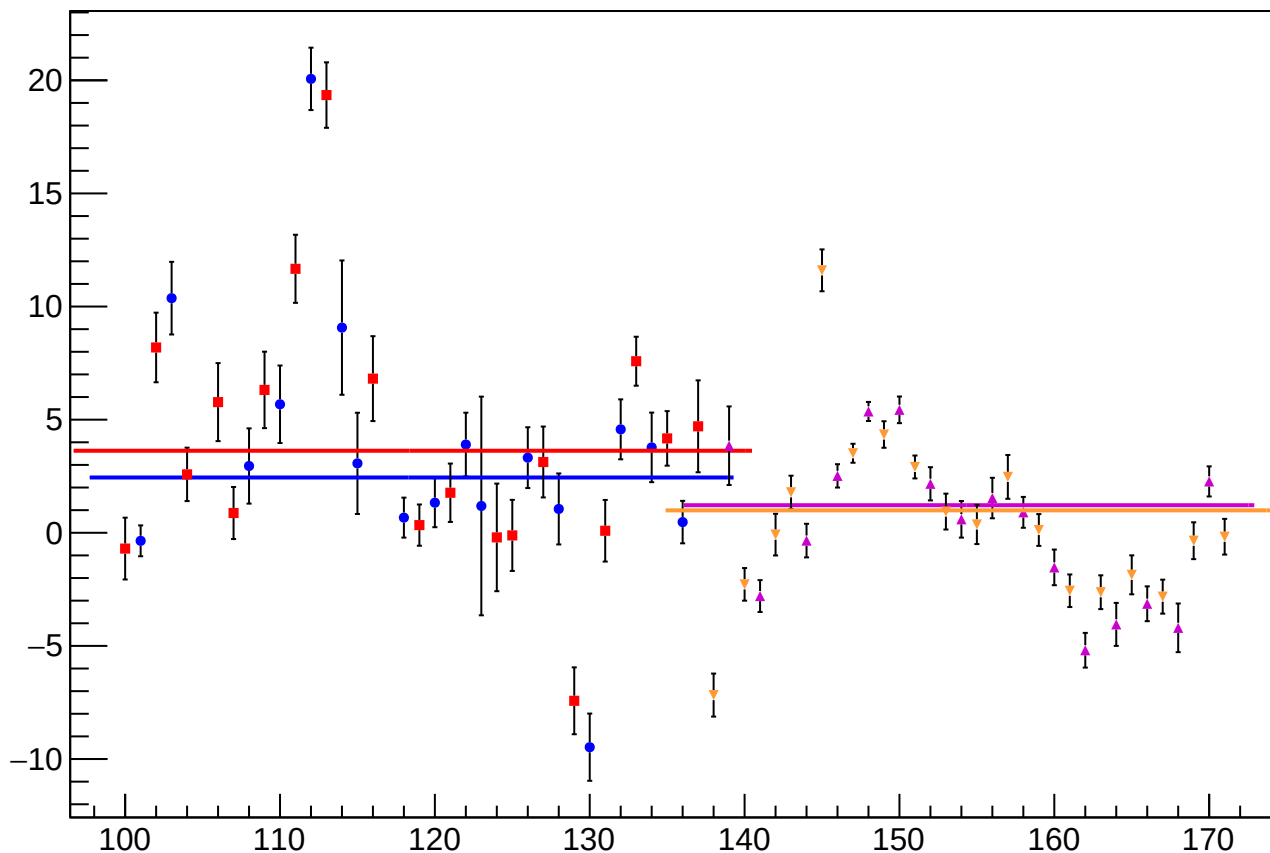
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.730+/-0.249 χ^2/NDF : 924.6/15

Out: -32.261+/-0.241 χ^2/NDF : 957.8/17

All: -32.488+/-0.173 χ^2/NDF : 1884.2/33

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 0.991 $\pm$ 0.167 χ^2 /NDF: 405.6/17

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 1.219 $\pm$ 0.176 χ^2 /NDF: 369.0/15

Left: 1.100 $\pm$ 0.121 χ^2 /NDF: 775.5/33

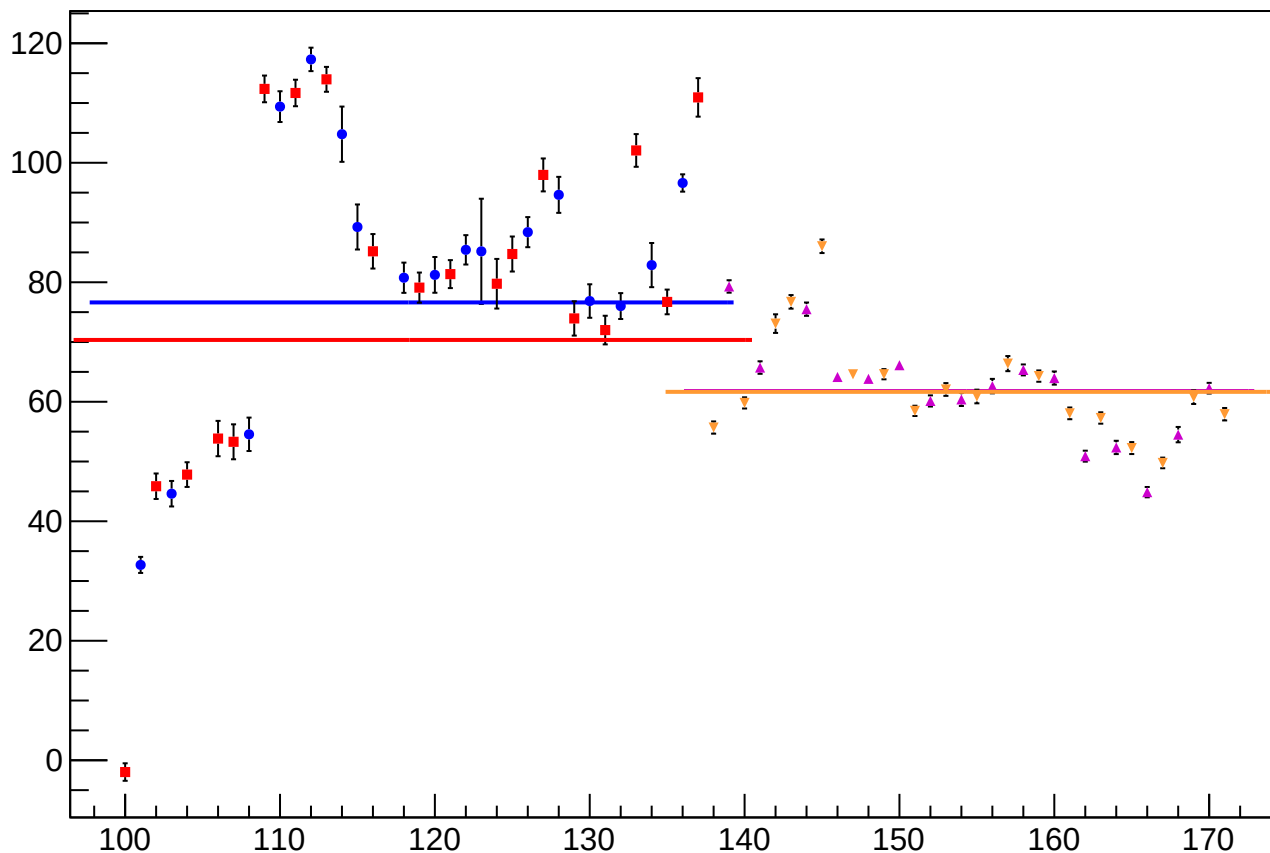
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 1.514 $\pm$ 0.153 χ^2 /NDF: 673.4/32

Out: 1.563 $\pm$ 0.148 χ^2 /NDF: 738.3/36

All: 1.539 $\pm$ 0.106 χ^2 /NDF: 1411.8/69

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: 61.661 $\pm$ 0.238 χ^2 /NDF:1100.1/17

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 61.802 $\pm$ 0.243 χ^2 /NDF:1141.3/15

Left: 61.730 $\pm$ 0.170 χ^2 /NDF: 2241.7/33

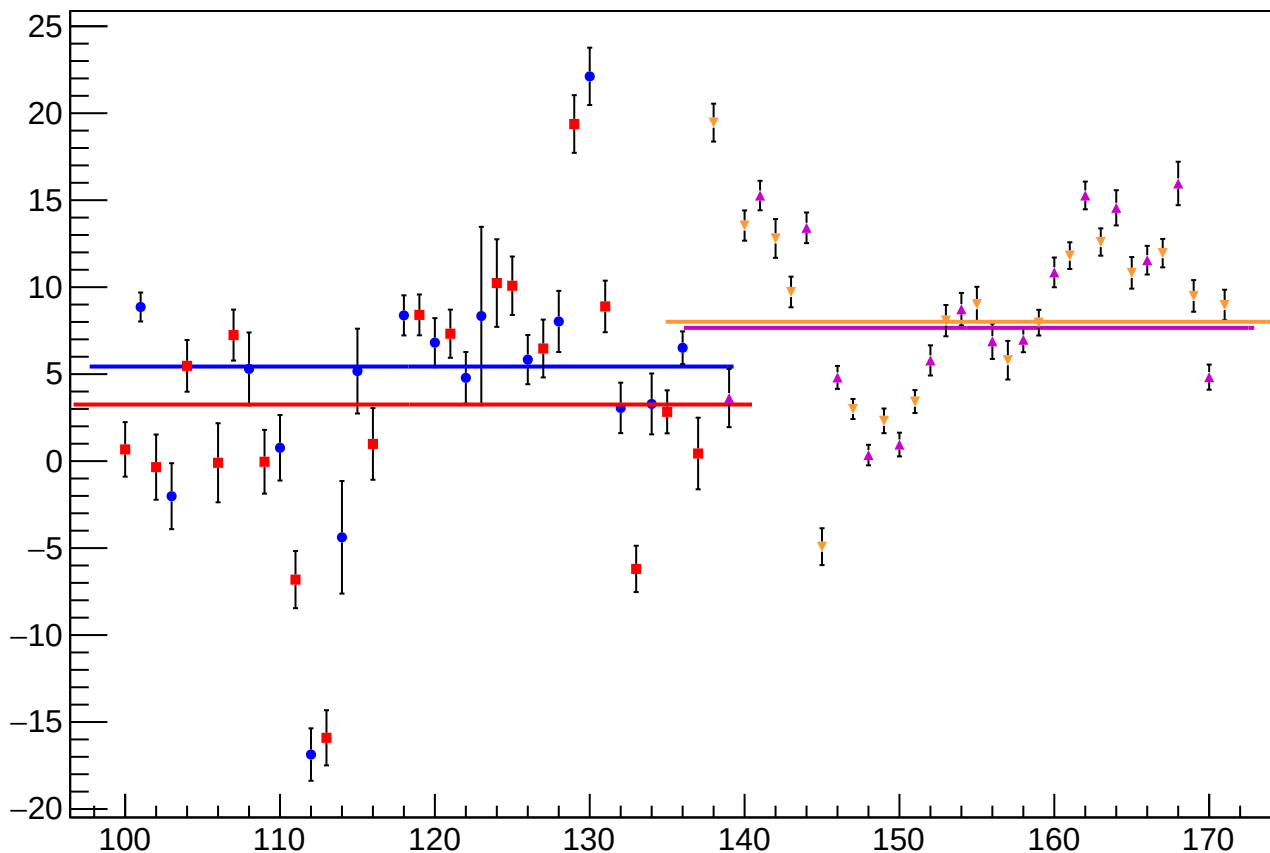
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 64.056 $\pm$ 0.224 χ^2 /NDF:3968.8/32

Out: 63.030 $\pm$ 0.218 χ^2 /NDF:5698.7/36

All: 63.530 $\pm$ 0.156 χ^2 /NDF: 9678.3/69

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2/NDF : 384.5/16

Left Out: 8.010 $\pm$ 0.197 χ^2/NDF :611.2/17

Right Out: 3.253 $\pm$ 0.365 χ^2/NDF : 423.7/18

Left In: 7.661 $\pm$ 0.206 χ^2/NDF :639.2/15

Left: 7.843 $\pm$ 0.142 χ^2/NDF : 1252.0/33

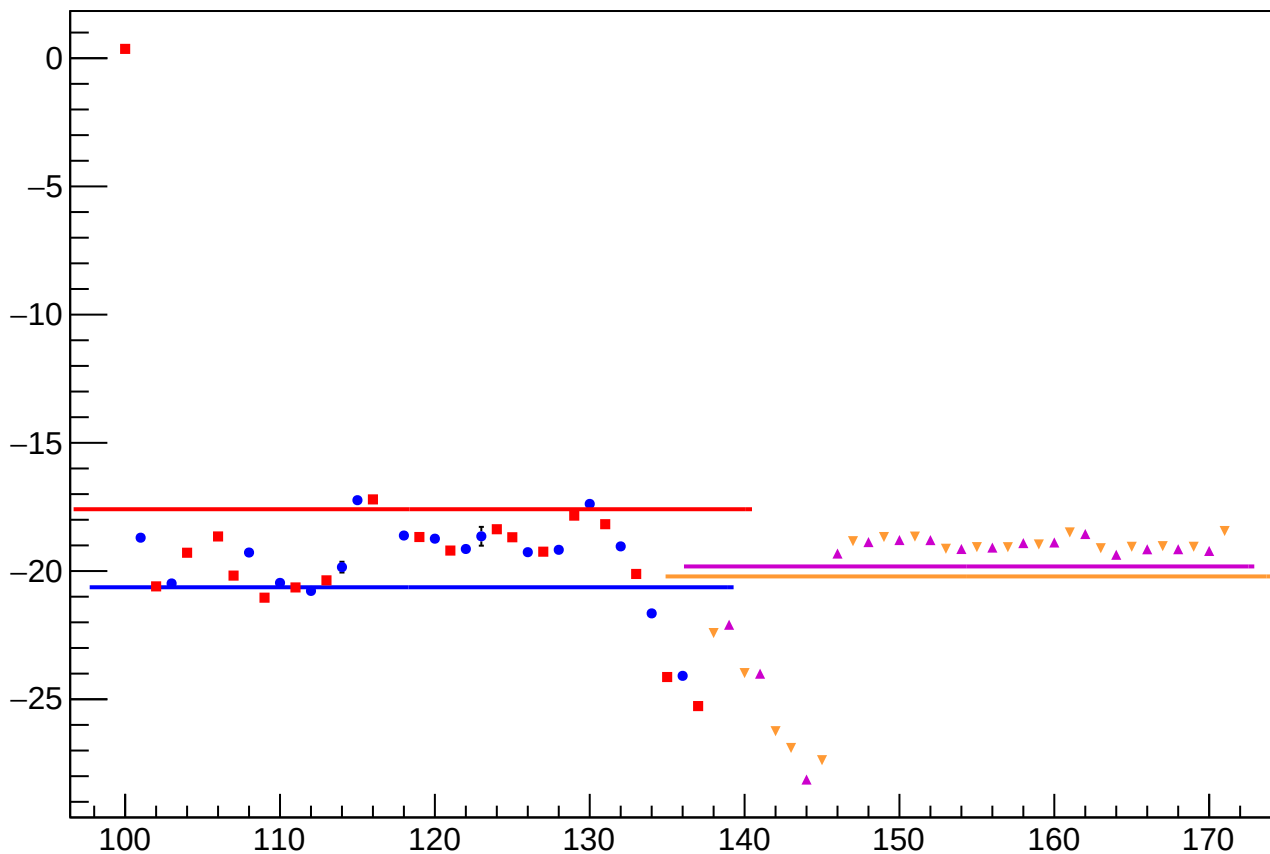
Right: 4.367 $\pm$ 0.256 χ^2/NDF : 826.5/35

In: 7.110 $\pm$ 0.178 χ^2/NDF :1052.7/32

Out: 6.940 $\pm$ 0.173 χ^2/NDF :1166.5/36

All: 7.022 $\pm$ 0.124 χ^2/NDF : 2219.7/69

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 χ^2/NDF : 12543.2/16

Left Out: -20.210 ± 0.009 χ^2/NDF : 83782.3/17

Right Out: -17.589 ± 0.018 χ^2/NDF : 178672.3/18

Left In: -19.820 ± 0.010 χ^2/NDF : 49193.3/15

Left: -20.020 ± 0.007 χ^2/NDF : 133816.9/33

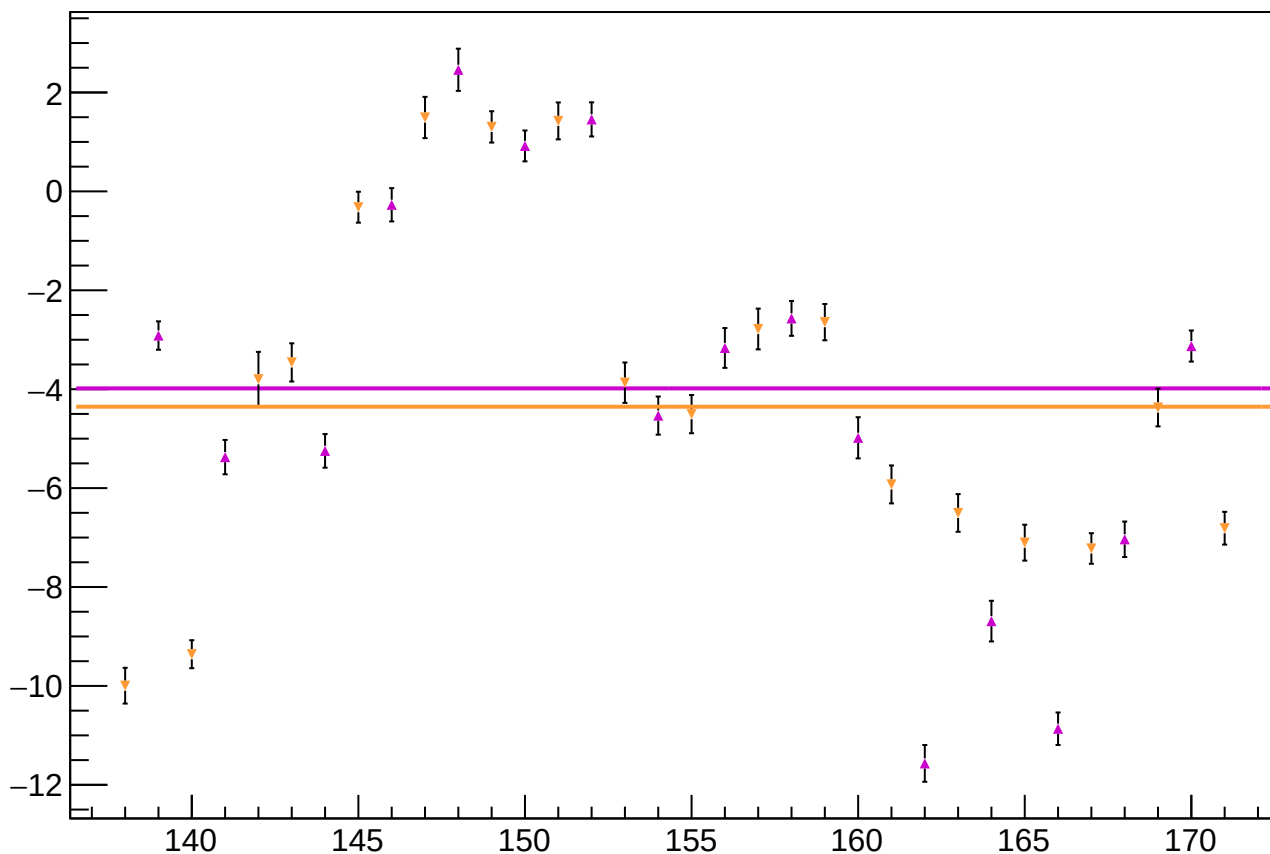
Right: -19.006 ± 0.013 χ^2/NDF : 204500.0/35

In: -19.982 ± 0.009 χ^2/NDF : 63153.7/32

Out: -19.650 ± 0.008 χ^2/NDF : 279105.3/36

All: -19.811 ± 0.006 χ^2/NDF : 343025.2/69

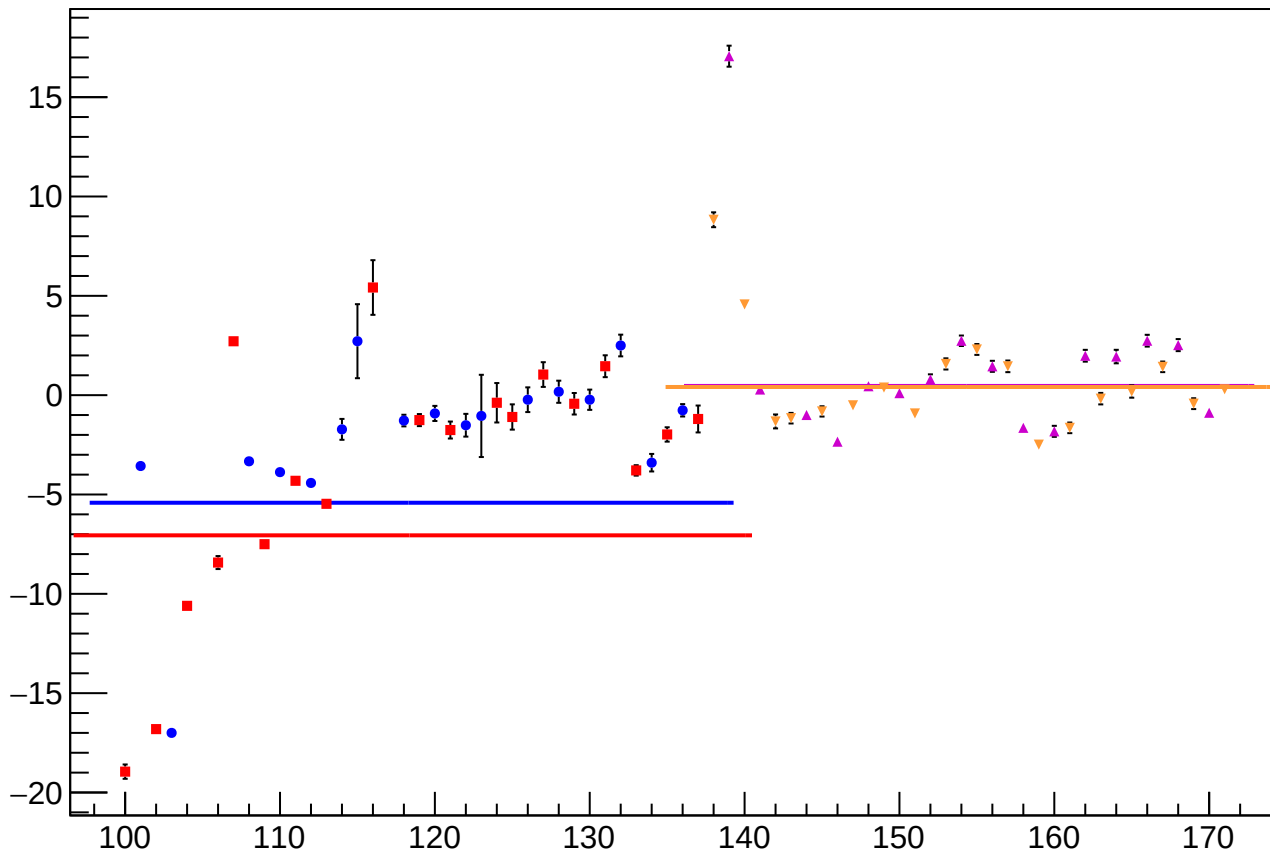
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.354+/-0.085 χ^2/NDF :1768.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.984+/-0.088 χ^2/NDF :1980.9/15

Left: -4.174+/-0.061 χ^2/NDF : 3758.3/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.984+/-0.088 χ^2/NDF :1980.9/15
 Out: -4.354+/-0.085 χ^2/NDF :1768.3/17
 All: -4.174+/-0.061 χ^2/NDF : 3758.3/33

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: 0.412 ± 0.062 χ^2/NDF : 1253.5/17

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.464 ± 0.065 χ^2/NDF : 1611.2/15

Left: 0.436 ± 0.045 χ^2/NDF : 2865.0/33

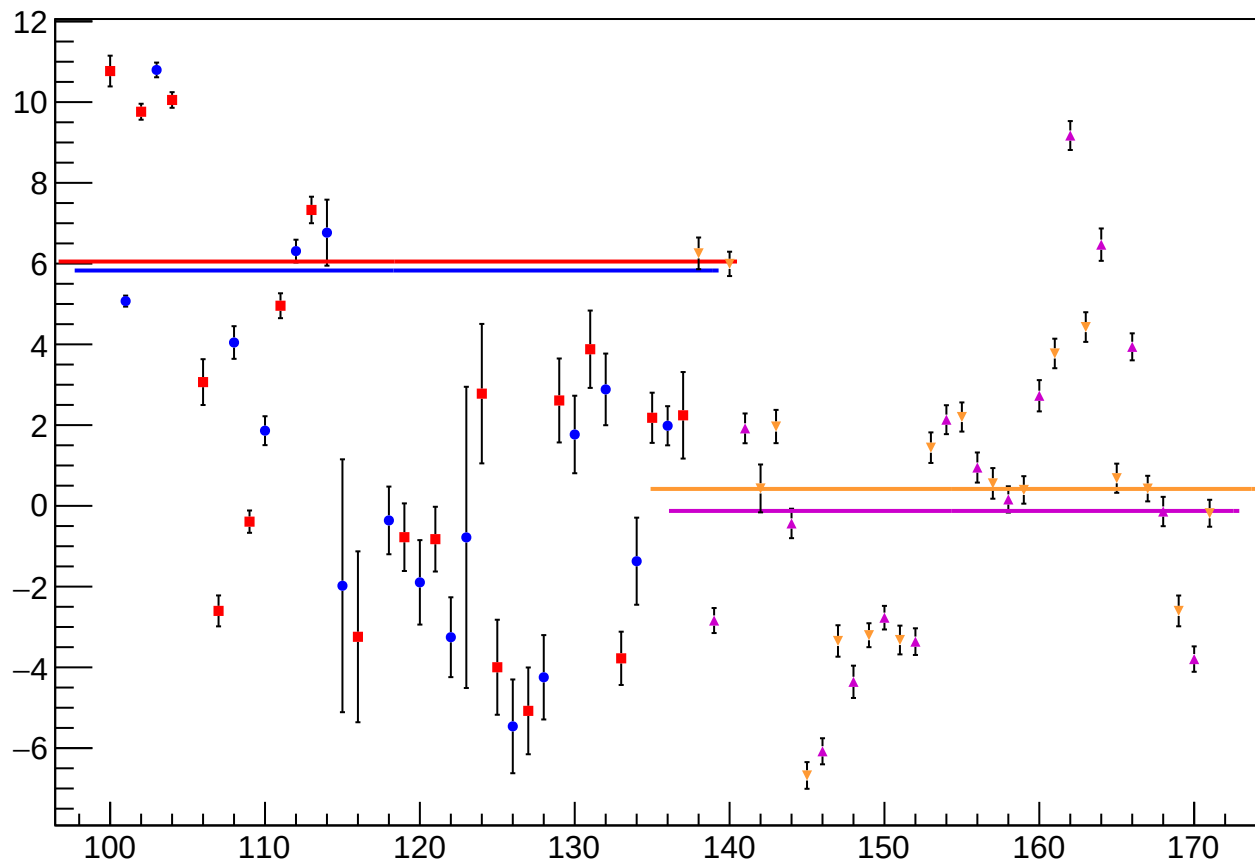
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -2.981 ± 0.042 χ^2/NDF : 15638.4/32

Out: -3.480 ± 0.043 χ^2/NDF : 21254.1/36

All: -3.227 ± 0.030 χ^2/NDF : 36962.2/69

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.419 ± 0.085 $\chi^2/\text{NDF}: 1692.9/17$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -0.126 ± 0.086 $\chi^2/\text{NDF}: 2069.4/15$

Left: 0.153 ± 0.060 $\chi^2/\text{NDF}: 3782.6/33$

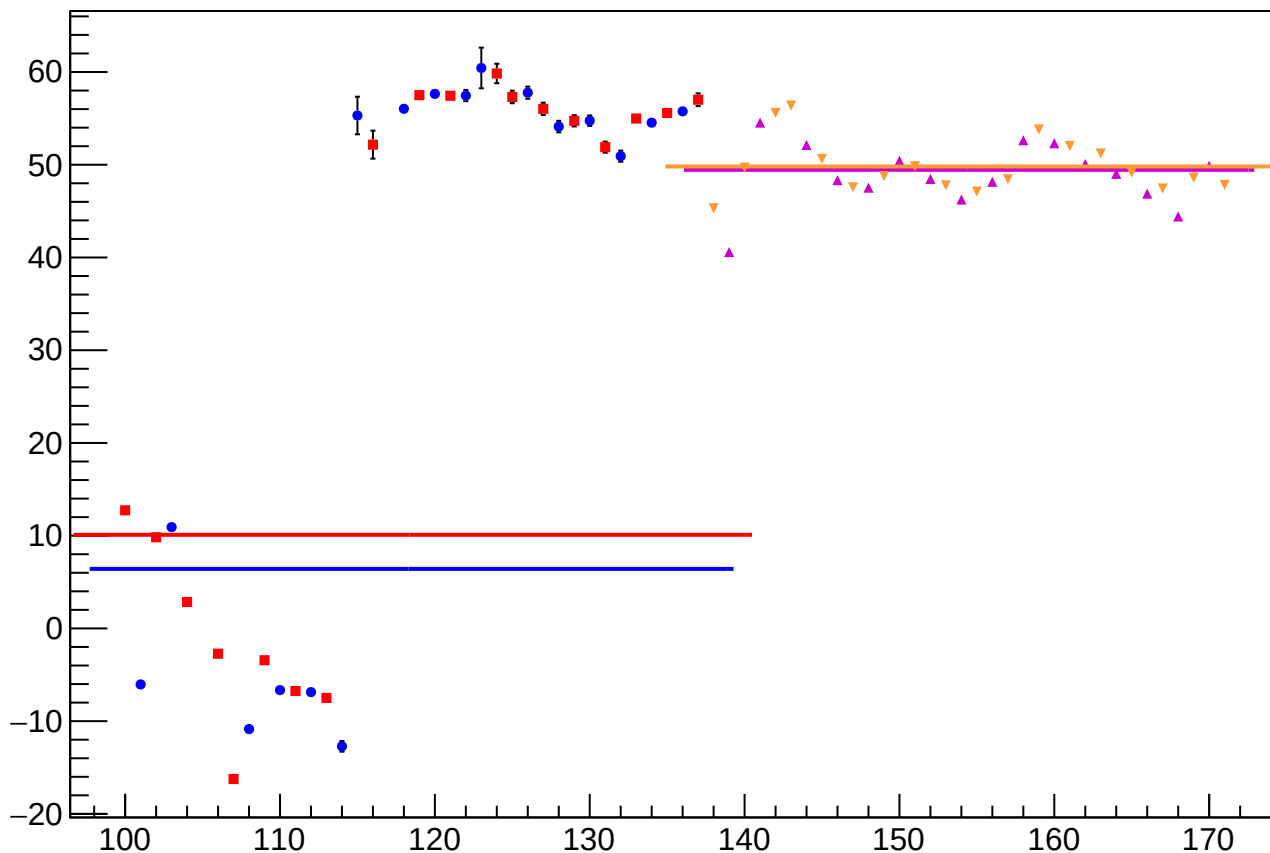
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.745 ± 0.062 $\chi^2/\text{NDF}: 5803.7/32$

Out: 2.959 ± 0.063 $\chi^2/\text{NDF}: 6367.6/36$

All: 2.852 ± 0.044 $\chi^2/\text{NDF}: 12177.1/69$

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: 49.812 ± 0.071 χ^2/NDF : 1386.0/17

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.452 ± 0.075 χ^2/NDF : 1416.2/15

Left: 49.641 ± 0.052 χ^2/NDF : 2814.3/33

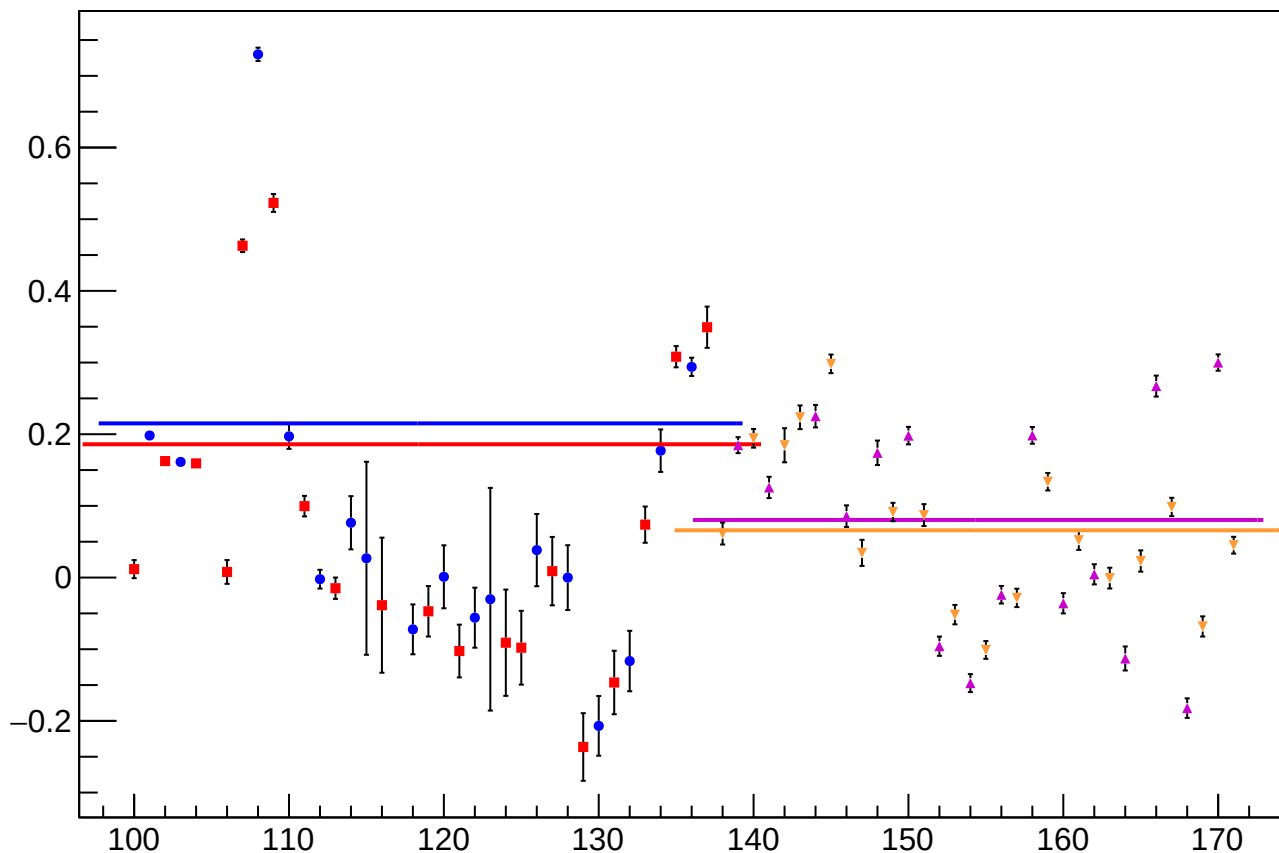
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 24.852 ± 0.049 χ^2/NDF : 313805.1/32

Out: 29.538 ± 0.050 χ^2/NDF : 282402.6/36

All: 27.154 ± 0.035 χ^2/NDF : 600711.1/69

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.066 $\pm$ 0.003 χ^2 /NDF:1015.0/17

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.080 $\pm$ 0.003 χ^2 /NDF:2112.1/15

Left: 0.073 $\pm$ 0.002 χ^2 /NDF: 3136.5/33

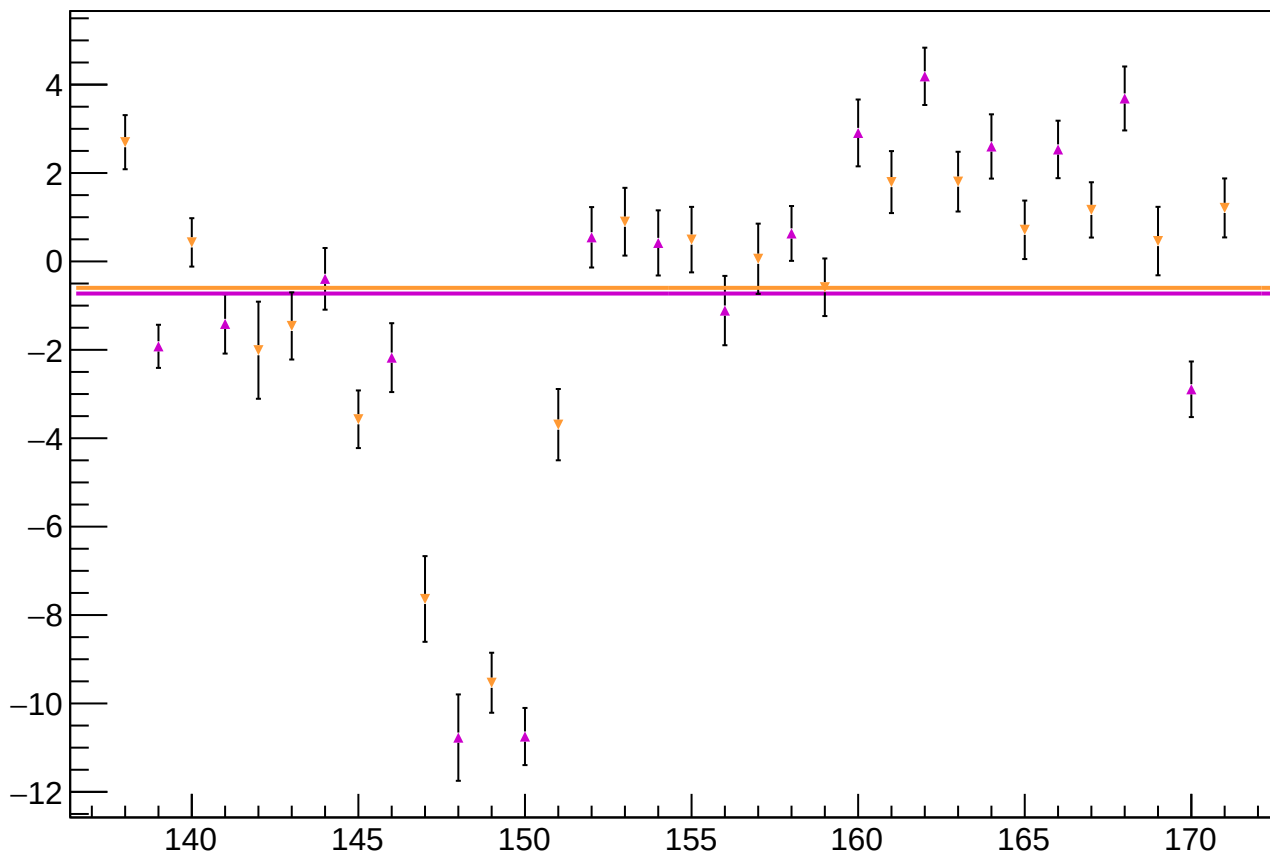
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.161 $\pm$ 0.002 χ^2 /NDF:6995.7/32

Out: 0.138 $\pm$ 0.002 χ^2 /NDF:4535.0/36

All: 0.149 $\pm$ 0.001 χ^2 /NDF: 11589.5/69

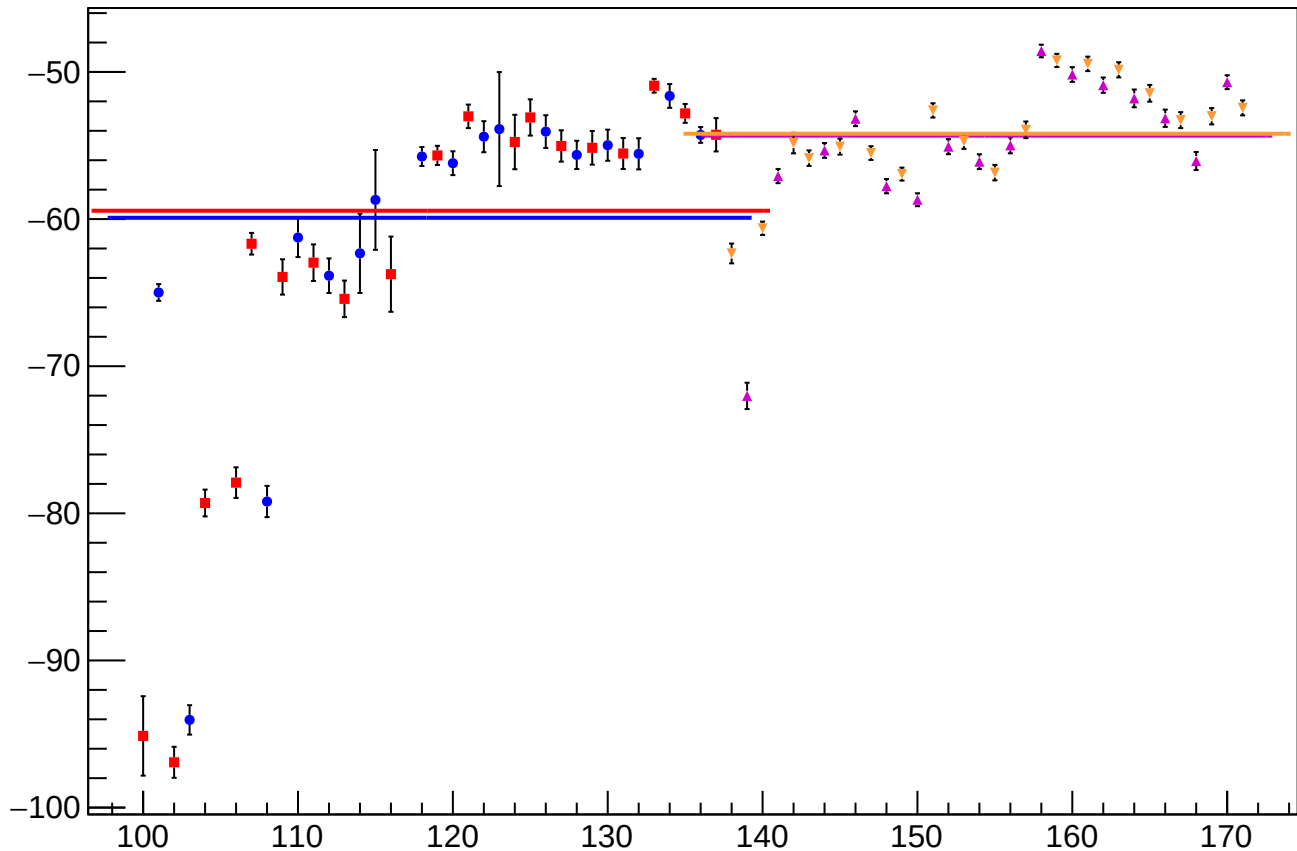
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.598 $\pm$ 0.166 χ^2 /NDF:348.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.727 $\pm$ 0.170 χ^2 /NDF:543.3/15

Left: -0.661 $\pm$ 0.119 χ^2 /NDF: 892.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.727 $\pm$ 0.170 χ^2 /NDF:543.3/15
 Out: -0.598 $\pm$ 0.166 χ^2 /NDF:348.8/17
 All: -0.661 $\pm$ 0.119 χ^2 /NDF: 892.5/33

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: -54.200 ± 0.122 χ^2/NDF : 770.4/17

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.328 ± 0.129 χ^2/NDF : 975.9/15

Left: -54.261 ± 0.089 χ^2/NDF : 1746.8/33

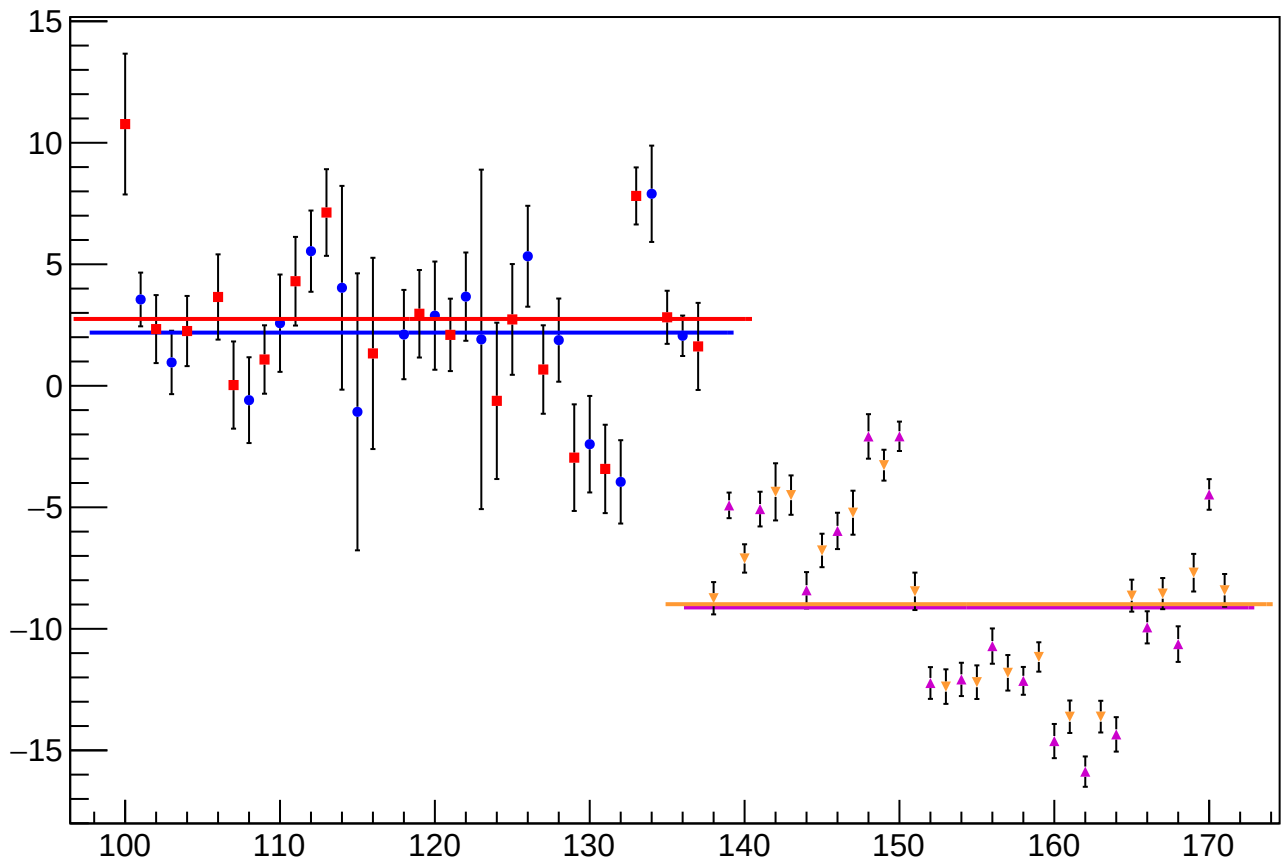
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.732 ± 0.112 χ^2/NDF : 3425.0/32

Out: -55.511 ± 0.106 χ^2/NDF : 4147.1/36

All: -55.616 ± 0.077 χ^2/NDF : 7574.2/69

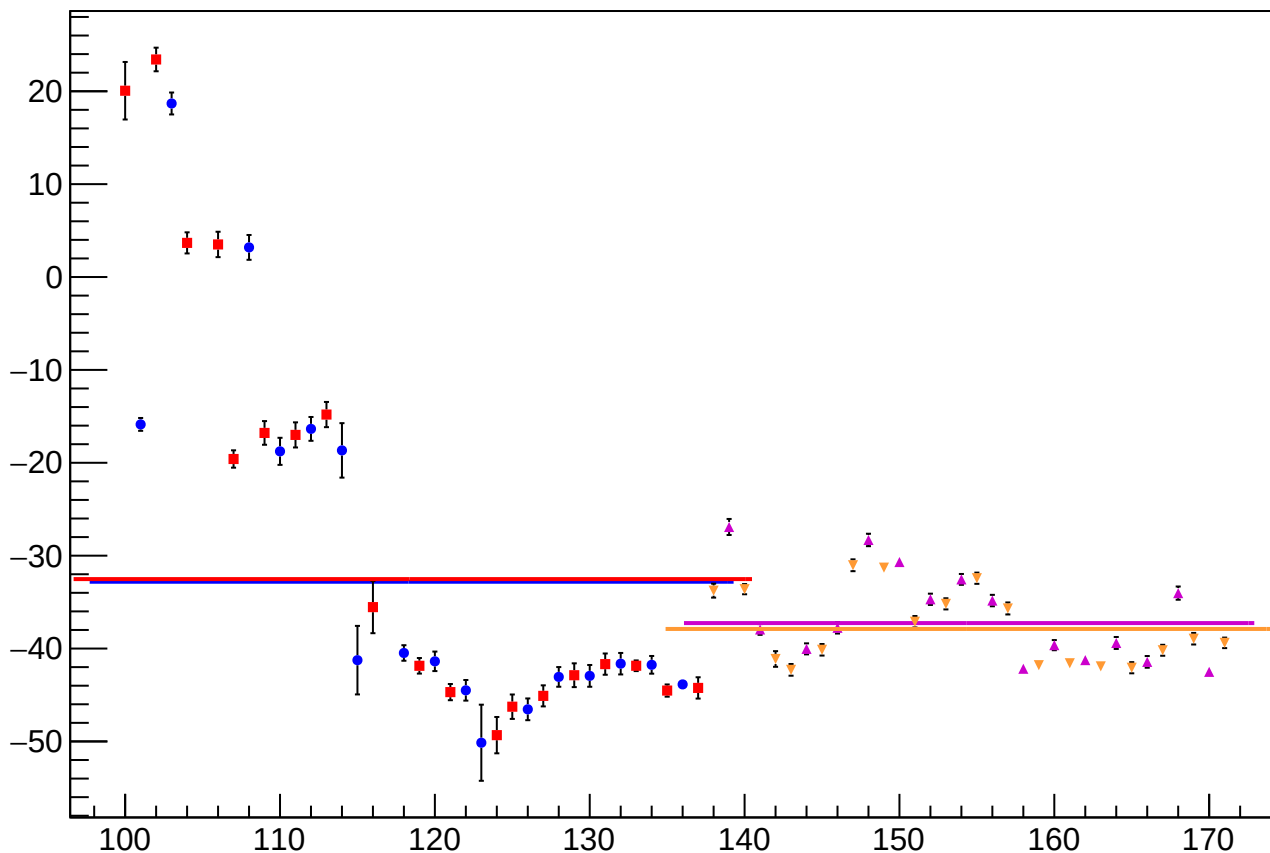
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -8.986 ± 0.165 $\chi^2/\text{NDF}: 340.6/17$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -9.120 ± 0.167 $\chi^2/\text{NDF}: 675.6/15$

Left: -9.052 ± 0.117 $\chi^2/\text{NDF}: 1016.6/33$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -7.469 ± 0.155 $\chi^2/\text{NDF}: 1382.1/32$
 Out: -7.189 ± 0.152 $\chi^2/\text{NDF}: 1176.7/36$
 All: -7.326 ± 0.108 $\chi^2/\text{NDF}: 2560.4/69$

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: -37.890 ± 0.140 $\chi^2/\text{NDF}: 800.2/17$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -37.258 ± 0.147 $\chi^2/\text{NDF}: 983.9/15$

Left: -37.588 ± 0.101 $\chi^2/\text{NDF}: 1793.8/33$

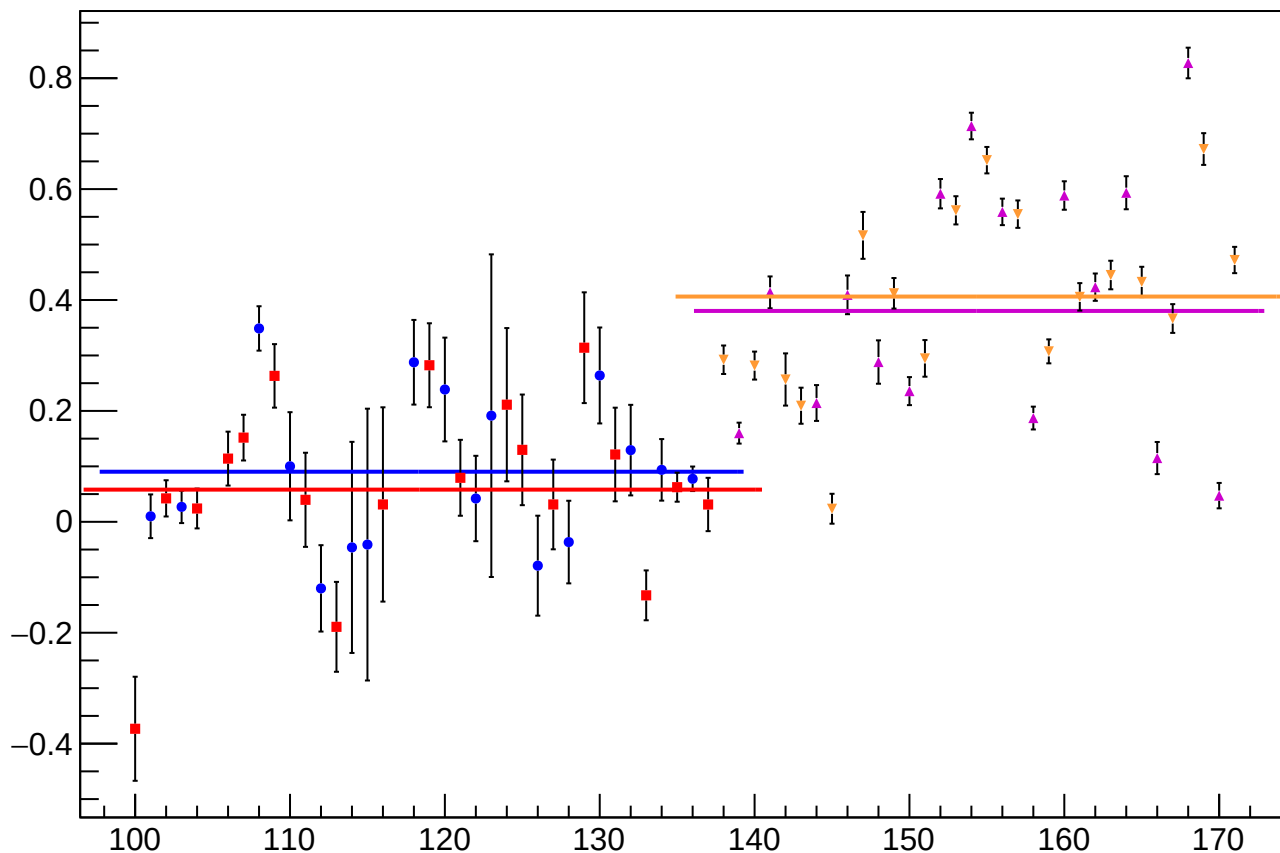
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.148 ± 0.127 $\chi^2/\text{NDF}: 5876.7/32$

Out: -36.558 ± 0.121 $\chi^2/\text{NDF}: 7205.4/36$

All: -36.362 ± 0.088 $\chi^2/\text{NDF}: 13087.5/69$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.406 $\pm$ 0.006 χ^2 /NDF:610.8/17

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.380 $\pm$ 0.006 χ^2 /NDF:1281.4/15

Left: 0.393 $\pm$ 0.005 χ^2 /NDF: 1900.3/33

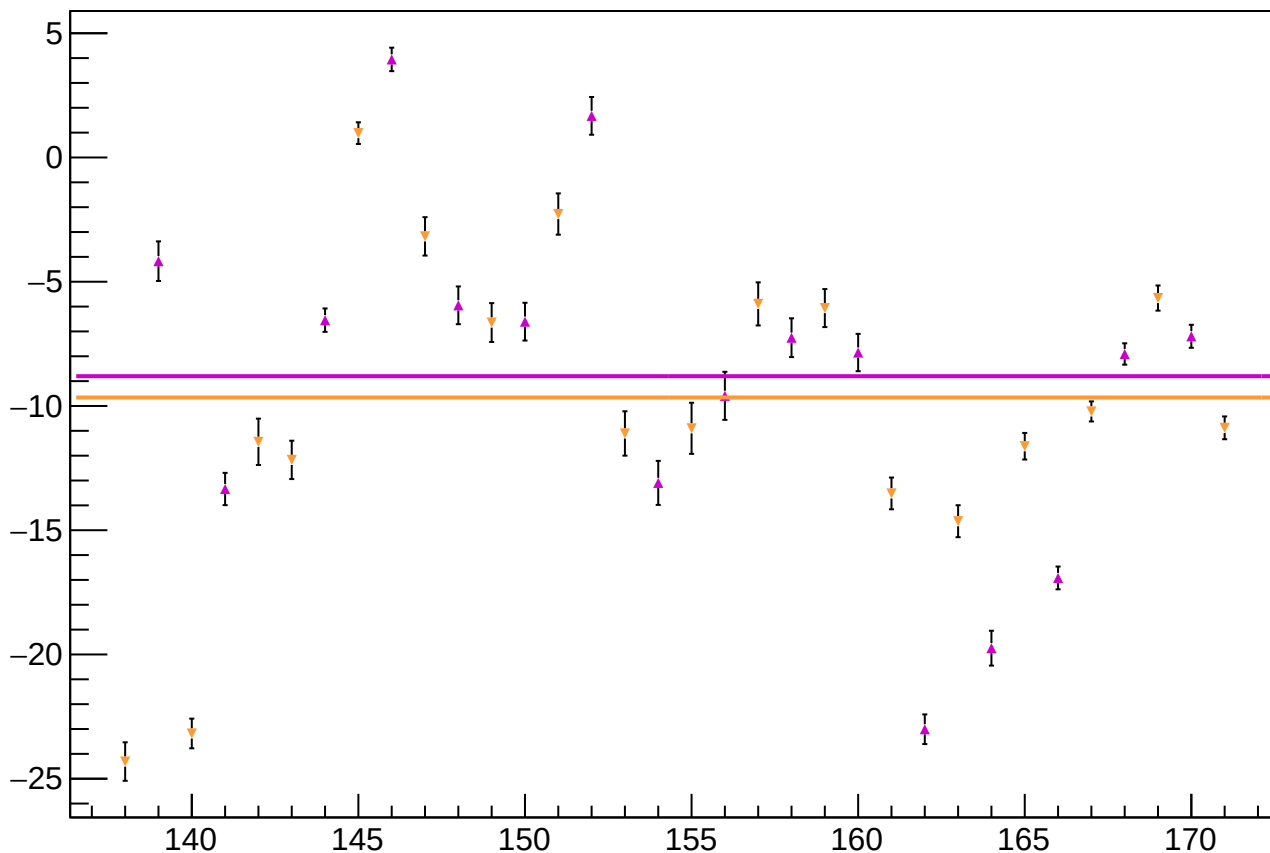
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.321 $\pm$ 0.006 χ^2 /NDF:1773.6/32

Out: 0.331 $\pm$ 0.006 χ^2 /NDF:1343.2/36

All: 0.326 $\pm$ 0.004 χ^2 /NDF: 3118.4/69

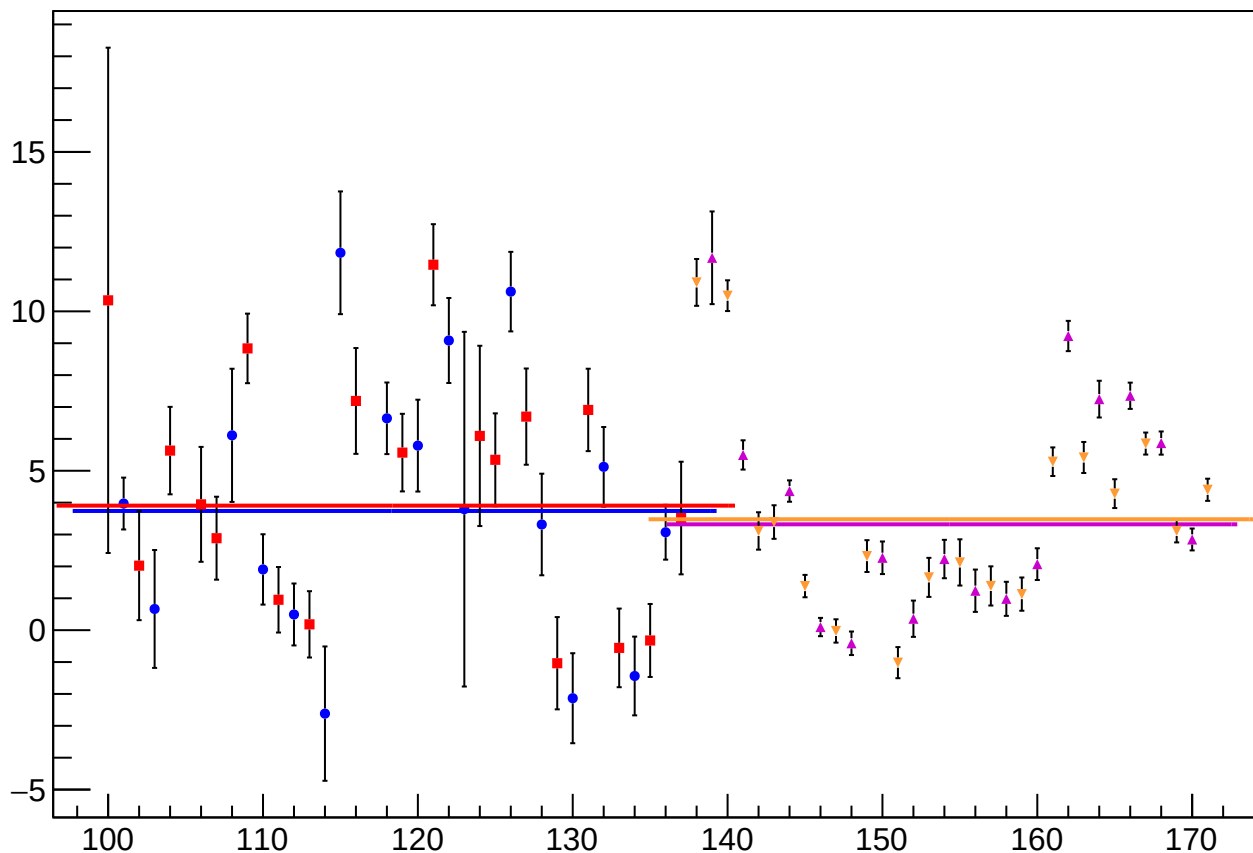
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.658+/-0.148 χ^2/NDF :1871.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.801+/-0.151 χ^2/NDF :2217.2/15

Left: -9.240+/-0.106 χ^2/NDF : 4105.2/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.801+/-0.151 χ^2/NDF :2217.2/15
 Out: -9.658+/-0.148 χ^2/NDF :1871.6/17
 All: -9.240+/-0.106 χ^2/NDF : 4105.2/33

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: 3.478 $\pm$ 0.108 χ^2 /NDF:666.4/17

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 3.320 $\pm$ 0.110 χ^2 /NDF:711.4/15

Left: 3.401 $\pm$ 0.077 χ^2 /NDF: 1378.9/33

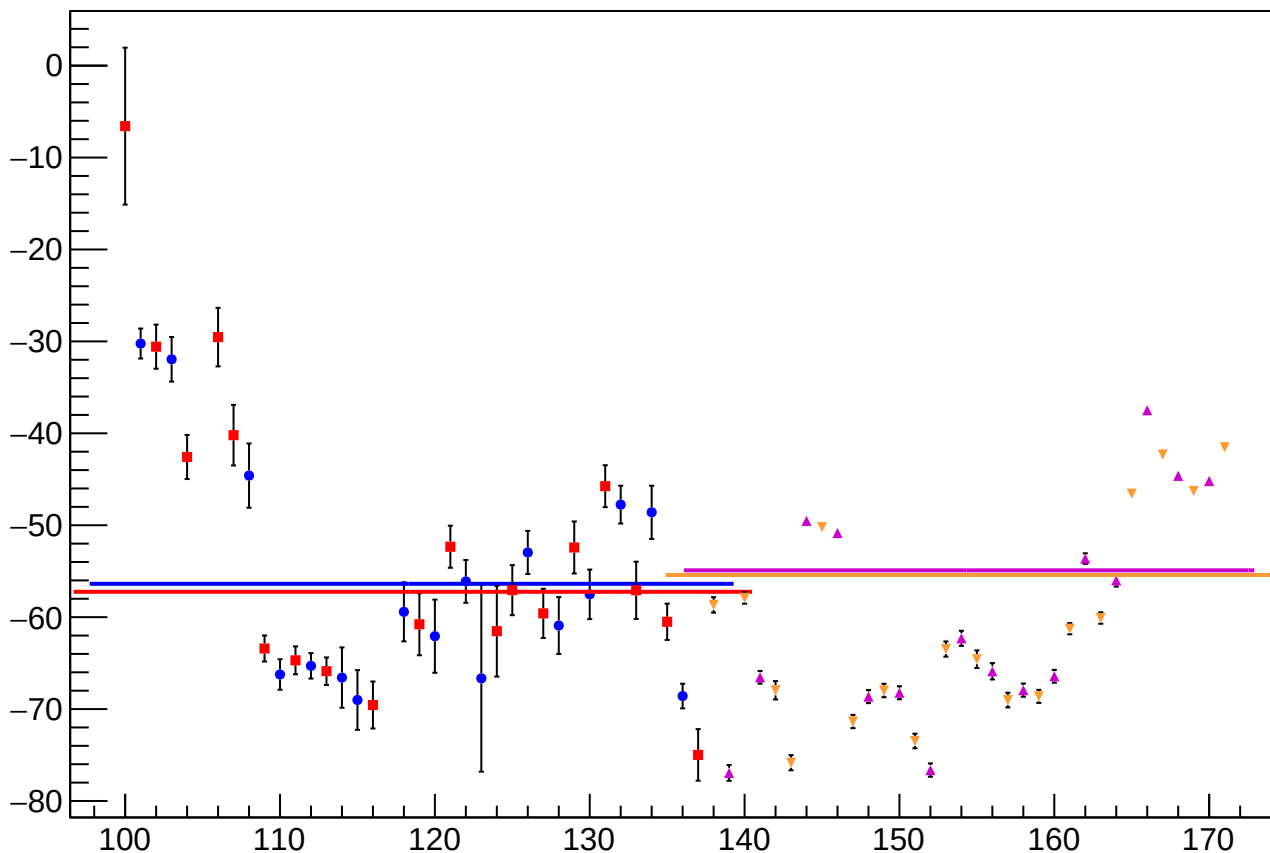
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 3.367 $\pm$ 0.104 χ^2 /NDF:849.9/32

Out: 3.523 $\pm$ 0.102 χ^2 /NDF:803.6/36

All: 3.446 $\pm$ 0.073 χ^2 /NDF: 1654.7/69

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: -55.411 ± 0.148 χ^2/NDF : 5718.1/17

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -54.904 ± 0.150 χ^2/NDF : 5982.4/15

Left: -55.161 ± 0.105 χ^2/NDF : 11706.3/33

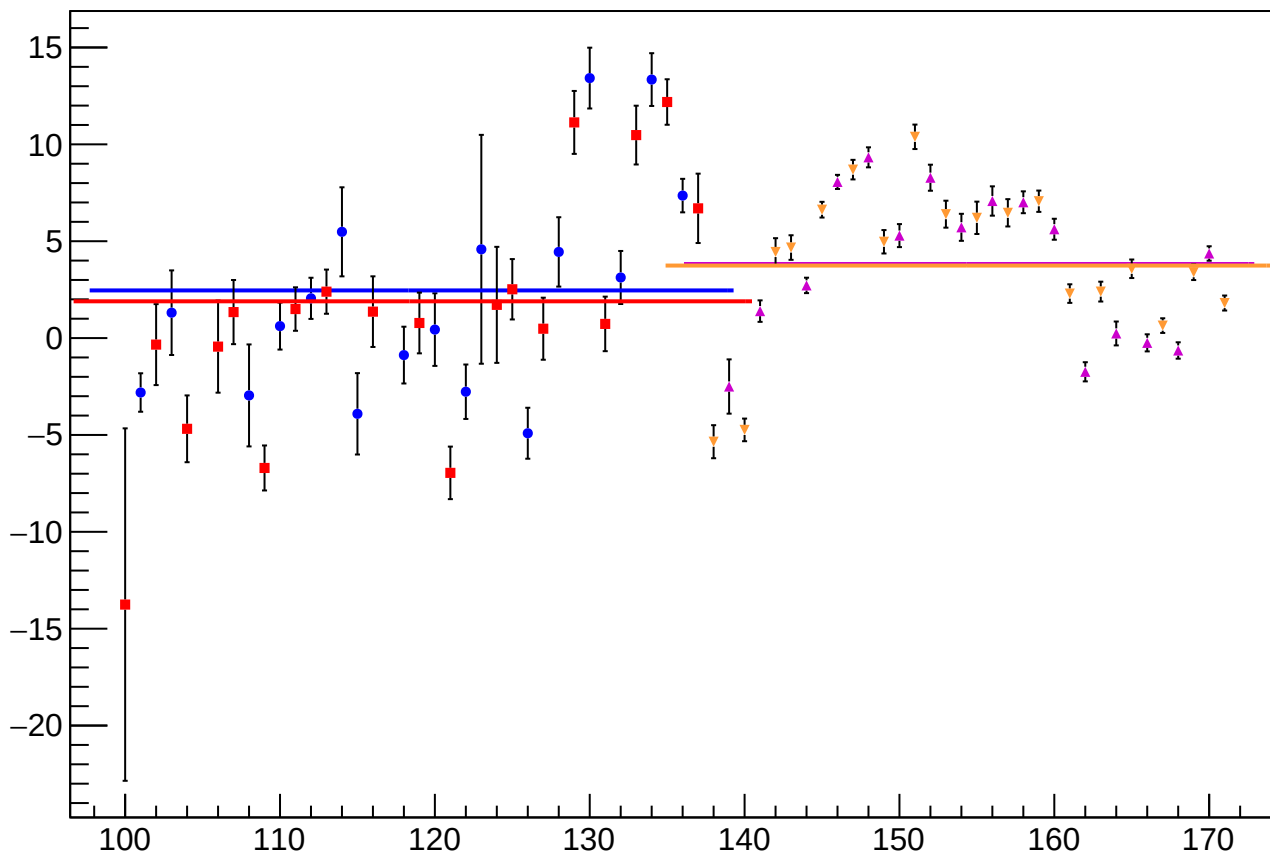
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -55.008 ± 0.145 χ^2/NDF : 6576.8/32

Out: -55.540 ± 0.142 χ^2/NDF : 6205.3/36

All: -55.278 ± 0.101 χ^2/NDF : 12788.9/69

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2/NDF : 243.9/16

Left Out: 3.743 $\pm$ 0.124 χ^2/NDF :772.8/17

Right Out: 1.898 $\pm$ 0.355 χ^2/NDF : 268.1/18

Left In: 3.824 $\pm$ 0.128 χ^2/NDF :773.5/15

Left: 3.783 $\pm$ 0.089 χ^2/NDF : 1546.5/33

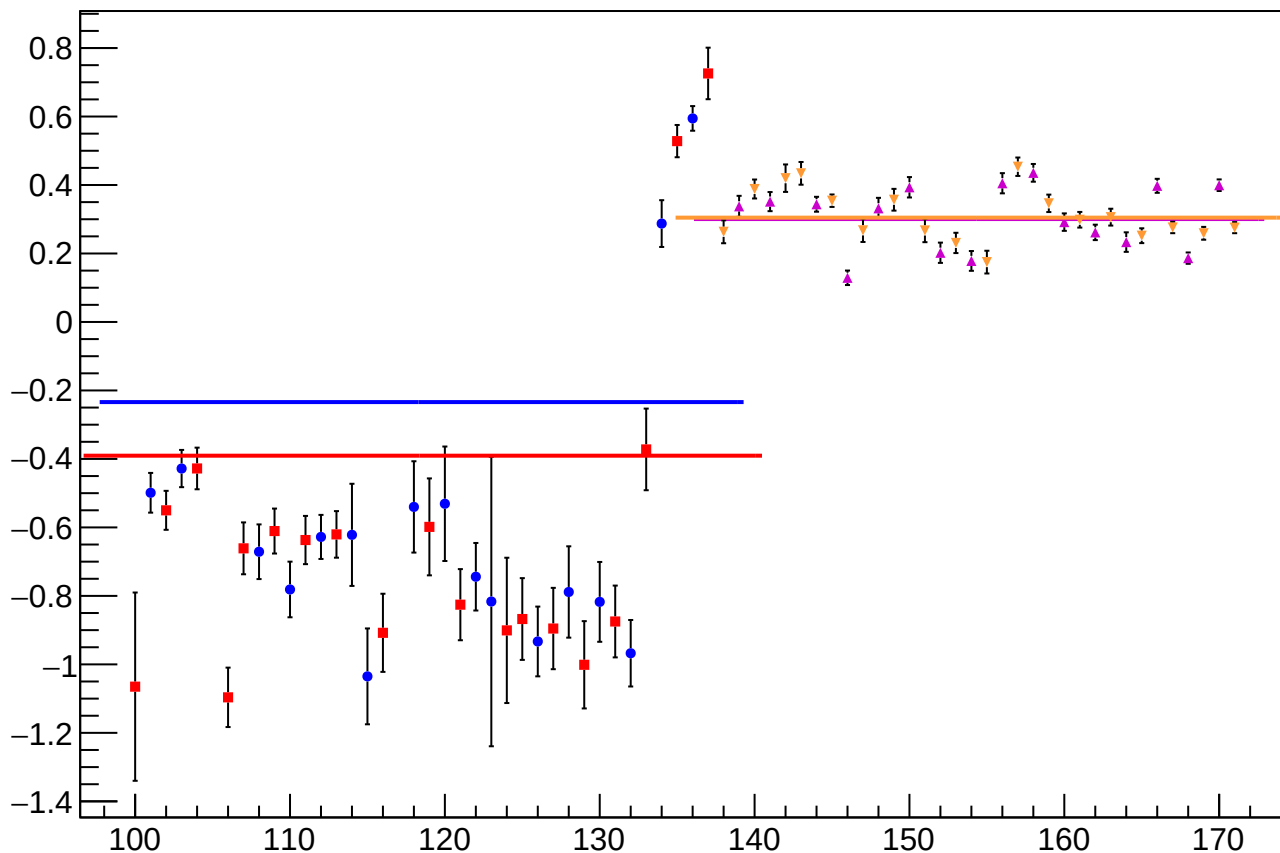
Right: 2.186 $\pm$ 0.248 χ^2/NDF : 513.3/35

In: 3.661 $\pm$ 0.120 χ^2/NDF :1031.1/32

Out: 3.543 $\pm$ 0.117 χ^2/NDF :1065.0/36

All: 3.600 $\pm$ 0.084 χ^2/NDF : 2096.6/69

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: 0.305 ± 0.006 χ^2/NDF : 119.5/17

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.301 ± 0.006 χ^2/NDF : 266.9/15

Left: 0.303 ± 0.004 χ^2/NDF : 386.7/33

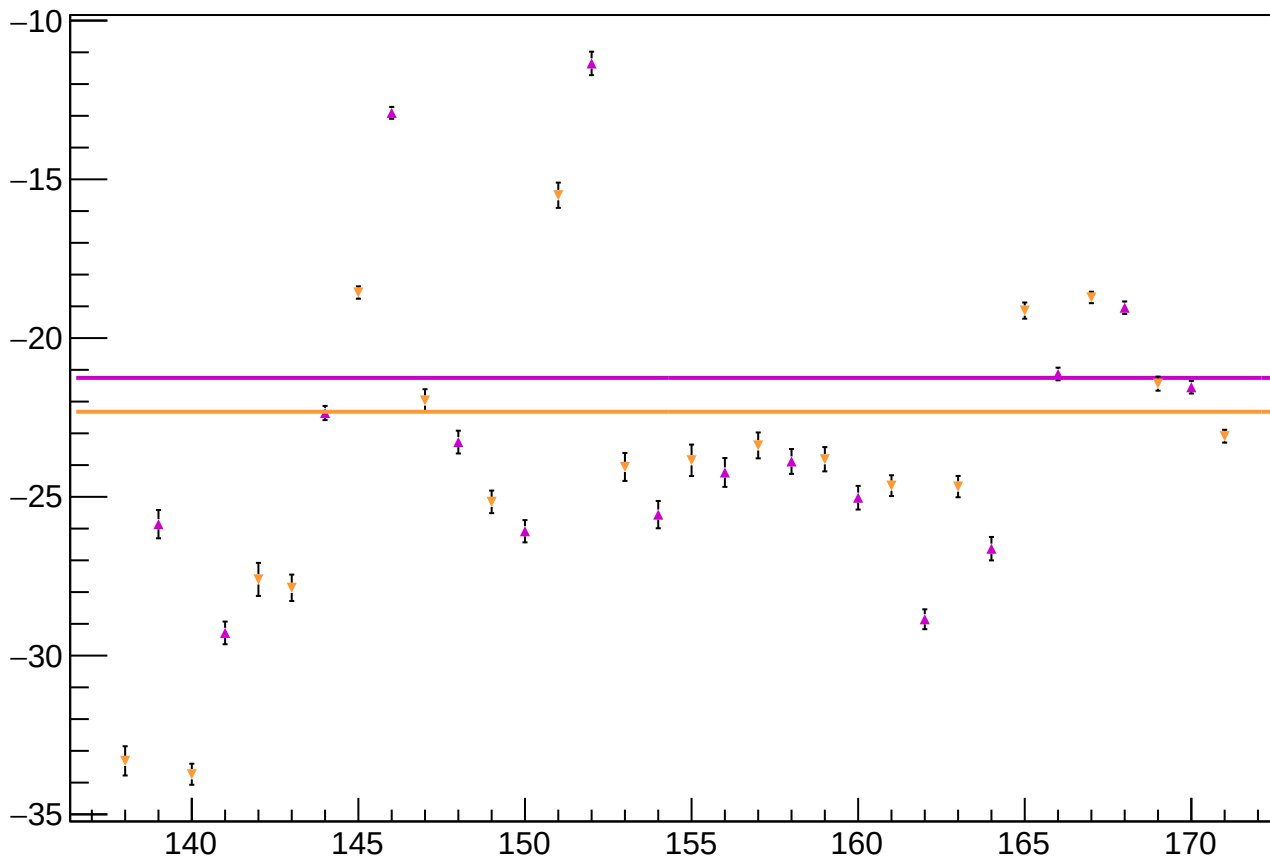
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.252 ± 0.006 χ^2/NDF : 1953.2/32

Out: 0.246 ± 0.005 χ^2/NDF : 2204.0/36

All: 0.249 ± 0.004 χ^2/NDF : 4157.8/69

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -22.320 $\pm$ 0.070 χ^2 /NDF:3496.5/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -21.254 $\pm$ 0.070 χ^2 /NDF:4781.1/15

Left: -21.788 $\pm$ 0.050 χ^2 /NDF: 8392.6/33

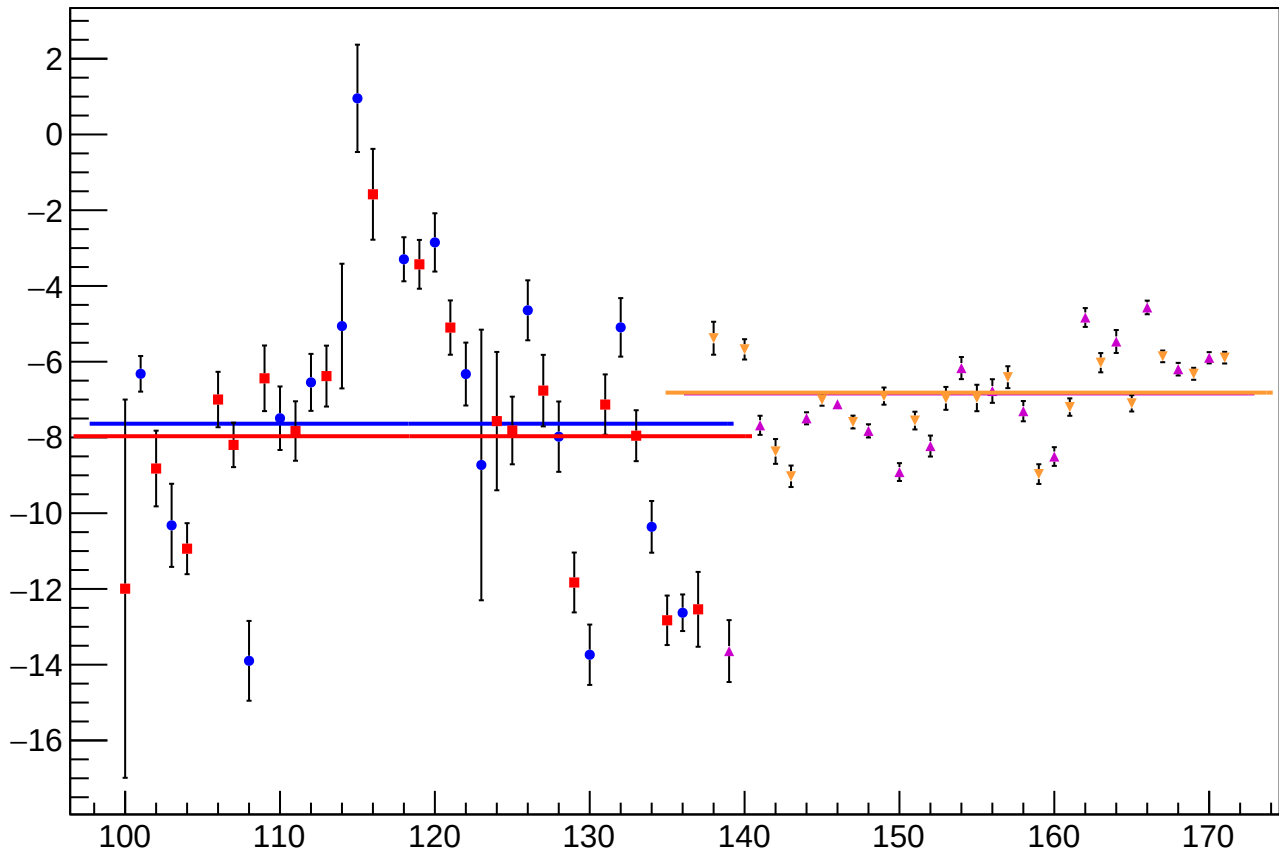
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -21.254 $\pm$ 0.070 χ^2 /NDF:4781.1/15

Out: -22.320 $\pm$ 0.070 χ^2 /NDF:3496.5/17

All: -21.788 $\pm$ 0.050 χ^2 /NDF: 8392.6/33

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: -6.817 ± 0.051 χ^2/NDF : 313.9/17

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.838 ± 0.051 χ^2/NDF : 591.9/15

Left: -6.828 ± 0.036 χ^2/NDF : 905.9/33

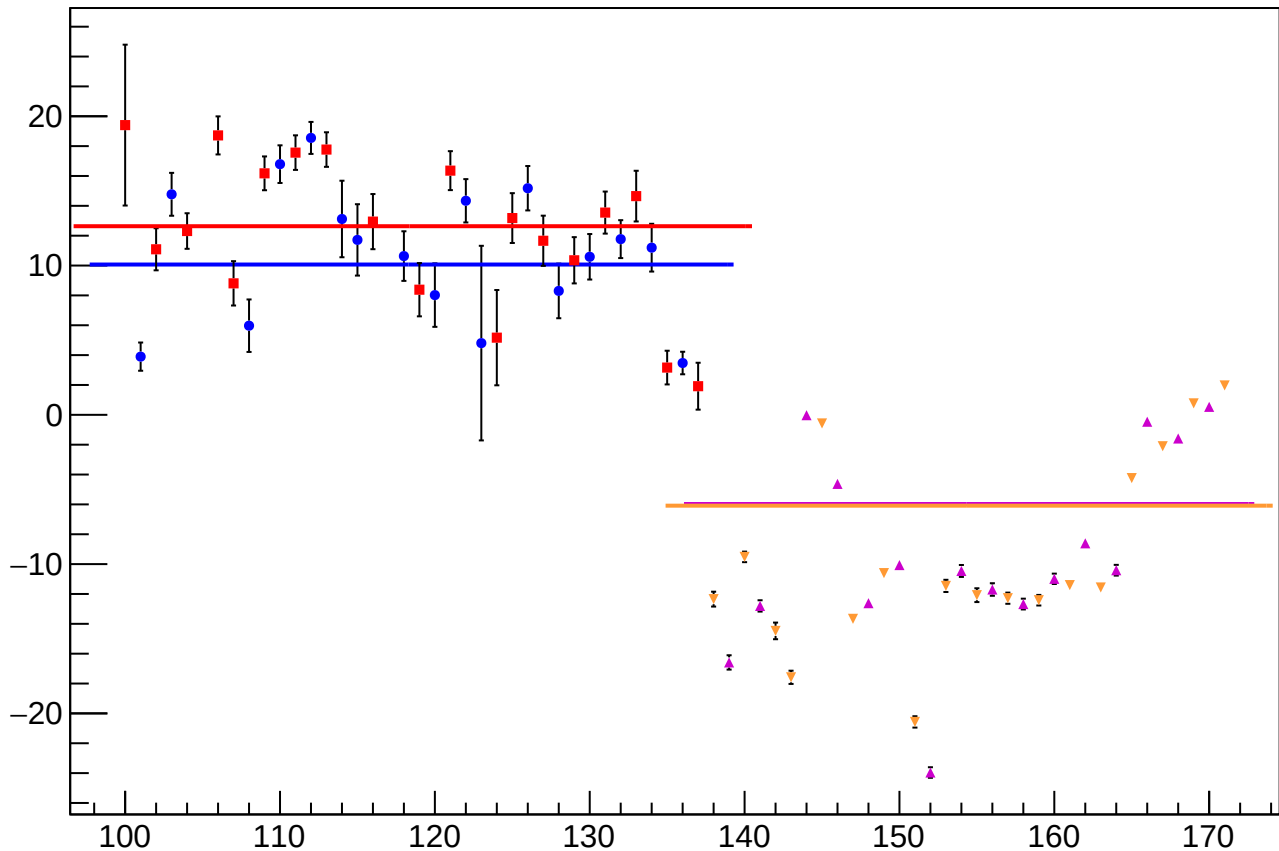
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.894 ± 0.049 χ^2/NDF : 1003.1/32

Out: -6.899 ± 0.050 χ^2/NDF : 576.8/36

All: -6.896 ± 0.035 χ^2/NDF : 1579.9/69

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -6.085 ± 0.070 $\chi^2/\text{NDF}: 8552.1/17$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -5.974 ± 0.070 $\chi^2/\text{NDF}: 7979.0/15$

Left: -6.029 ± 0.049 $\chi^2/\text{NDF}: 16532.3/33$

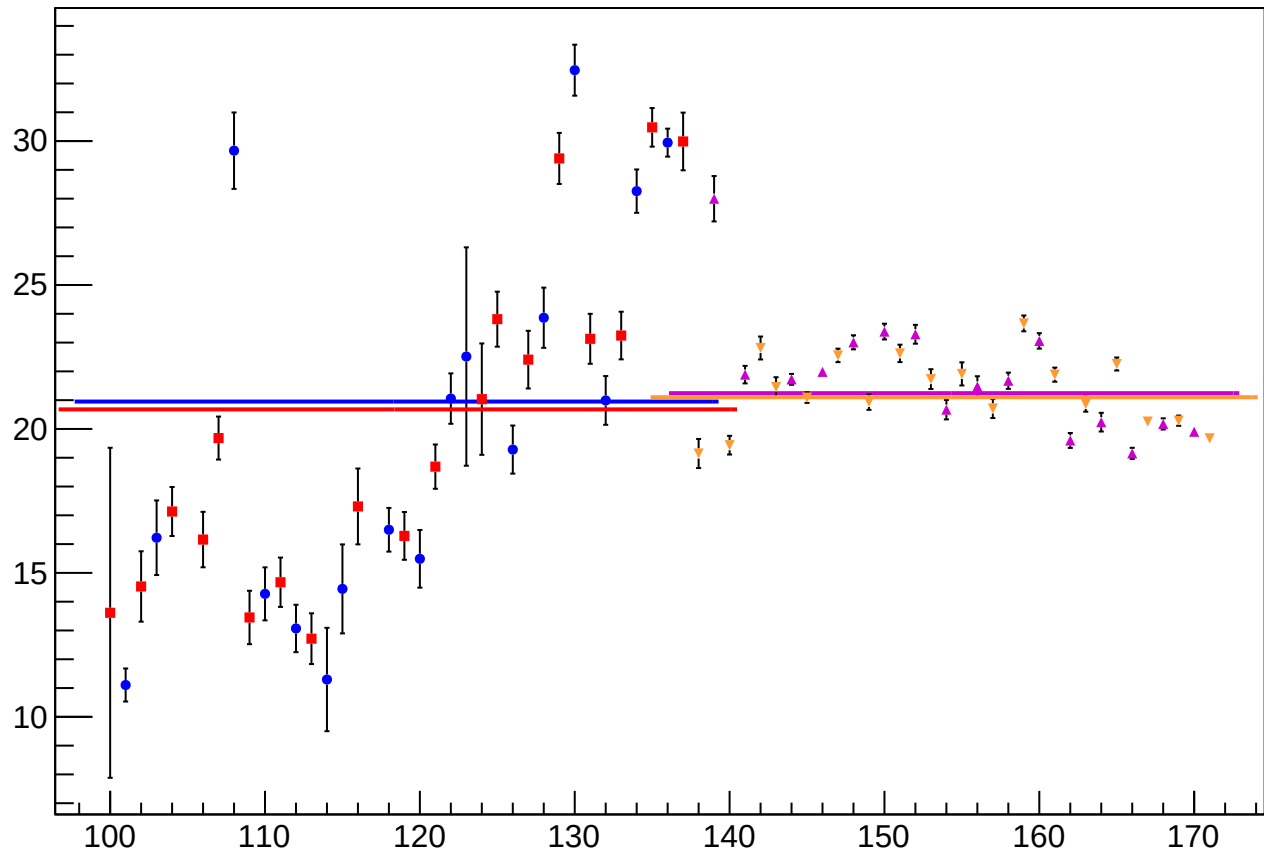
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -5.319 ± 0.068 $\chi^2/\text{NDF}: 10400.6/32$

Out: -5.289 ± 0.069 $\chi^2/\text{NDF}: 11808.1/36$

All: -5.304 ± 0.048 $\chi^2/\text{NDF}: 22208.8/69$

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: 21.102 $\pm$ 0.059 χ^2 /NDF: 373.6/17

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.243 $\pm$ 0.059 χ^2 /NDF: 580.2/15

Left: 21.172 $\pm$ 0.042 χ^2 /NDF: 956.7/33

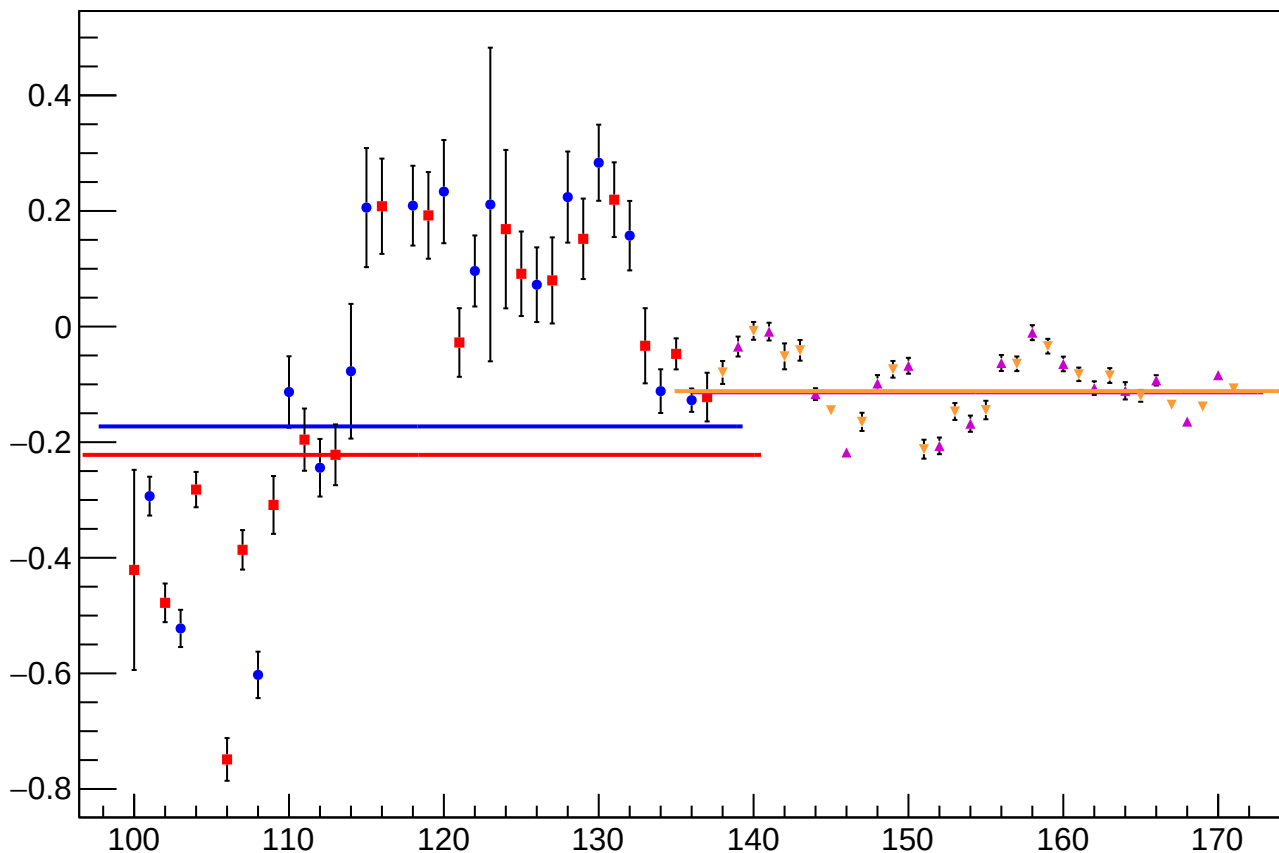
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.222 $\pm$ 0.057 χ^2 /NDF: 1804.8/32

Out: 21.072 $\pm$ 0.057 χ^2 /NDF: 1105.7/36

All: 21.146 $\pm$ 0.040 χ^2 /NDF: 2914.0/69

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 : 237.5/17

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.114 ± 0.003 χ^2/NDF : 447.2/15

Left: -0.113 ± 0.002 χ^2/NDF : 685.0/33

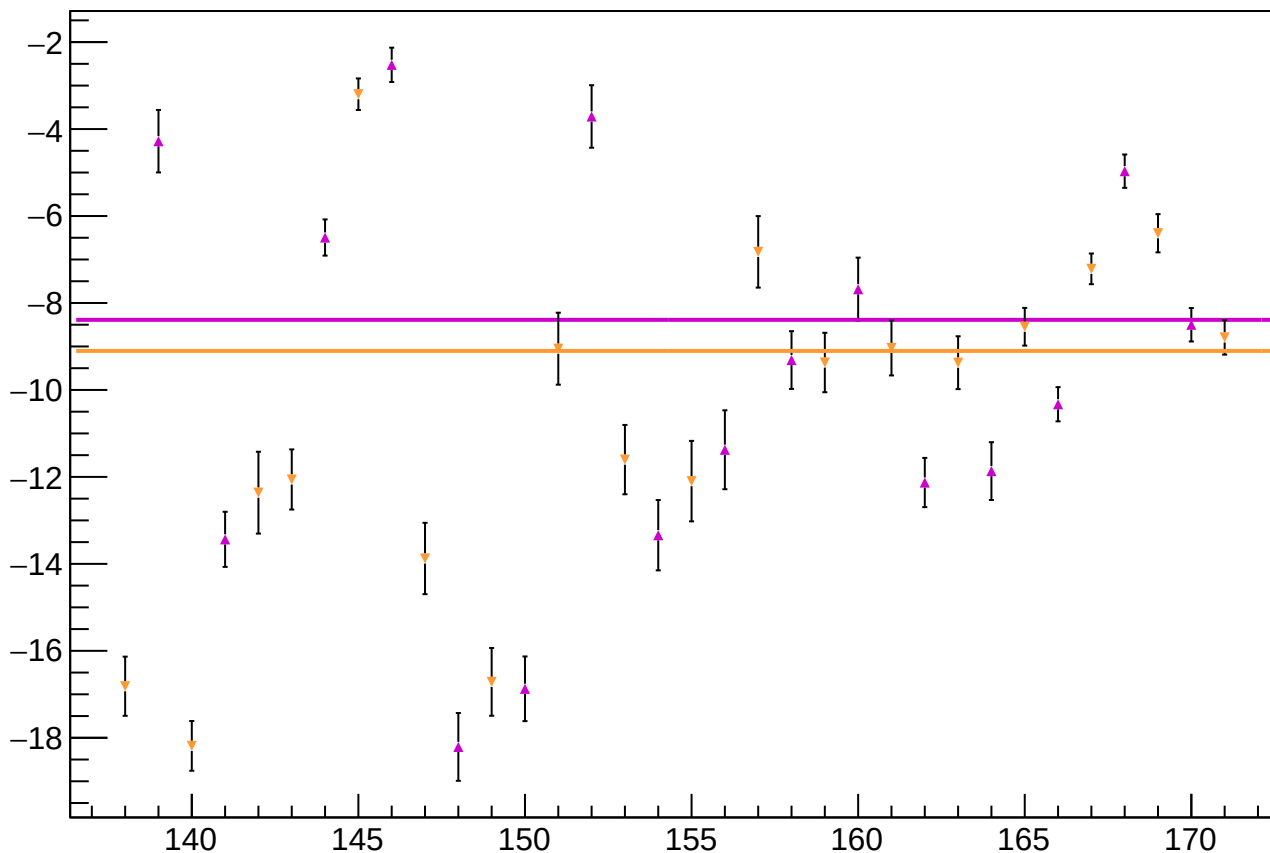
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.117 ± 0.003 χ^2/NDF : 933.7/32

Out: -0.118 ± 0.003 χ^2/NDF : 869.6/36

All: -0.118 ± 0.002 χ^2/NDF : 1803.4/69

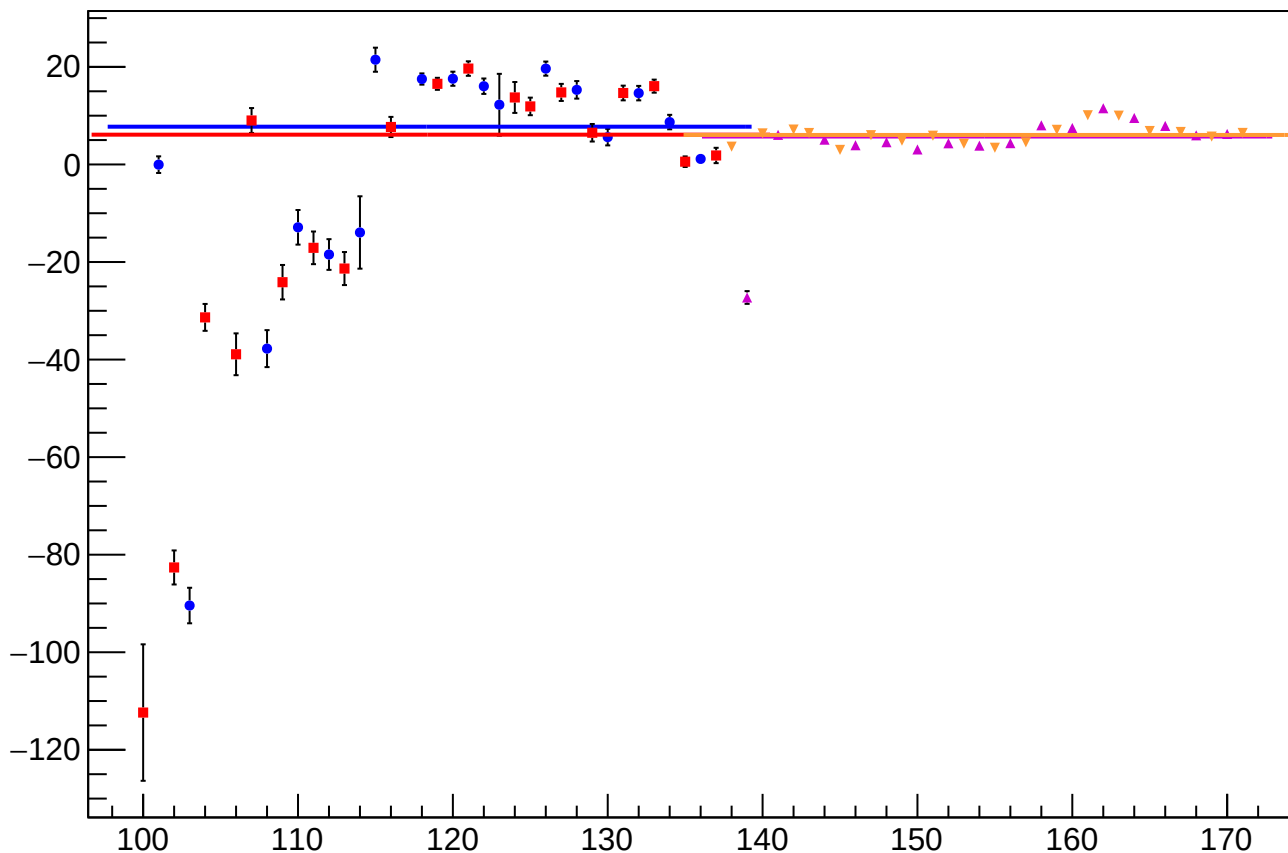
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.103 $\pm$ 0.132 χ^2/NDF : 902.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.388 $\pm$ 0.136 χ^2/NDF : 895.4/15

Left: -8.754 $\pm$ 0.095 χ^2/NDF : 1811.9/33
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.388 $\pm$ 0.136 χ^2/NDF : 895.4/15
 Out: -9.103 $\pm$ 0.132 χ^2/NDF : 902.3/17
 All: -8.754 $\pm$ 0.095 χ^2/NDF : 1811.9/33

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: 6.047 ± 0.098 χ^2/NDF : 345.1/17

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.725 ± 0.100 χ^2/NDF : 1047.5/15

Left: 5.889 ± 0.070 χ^2/NDF : 1397.9/33

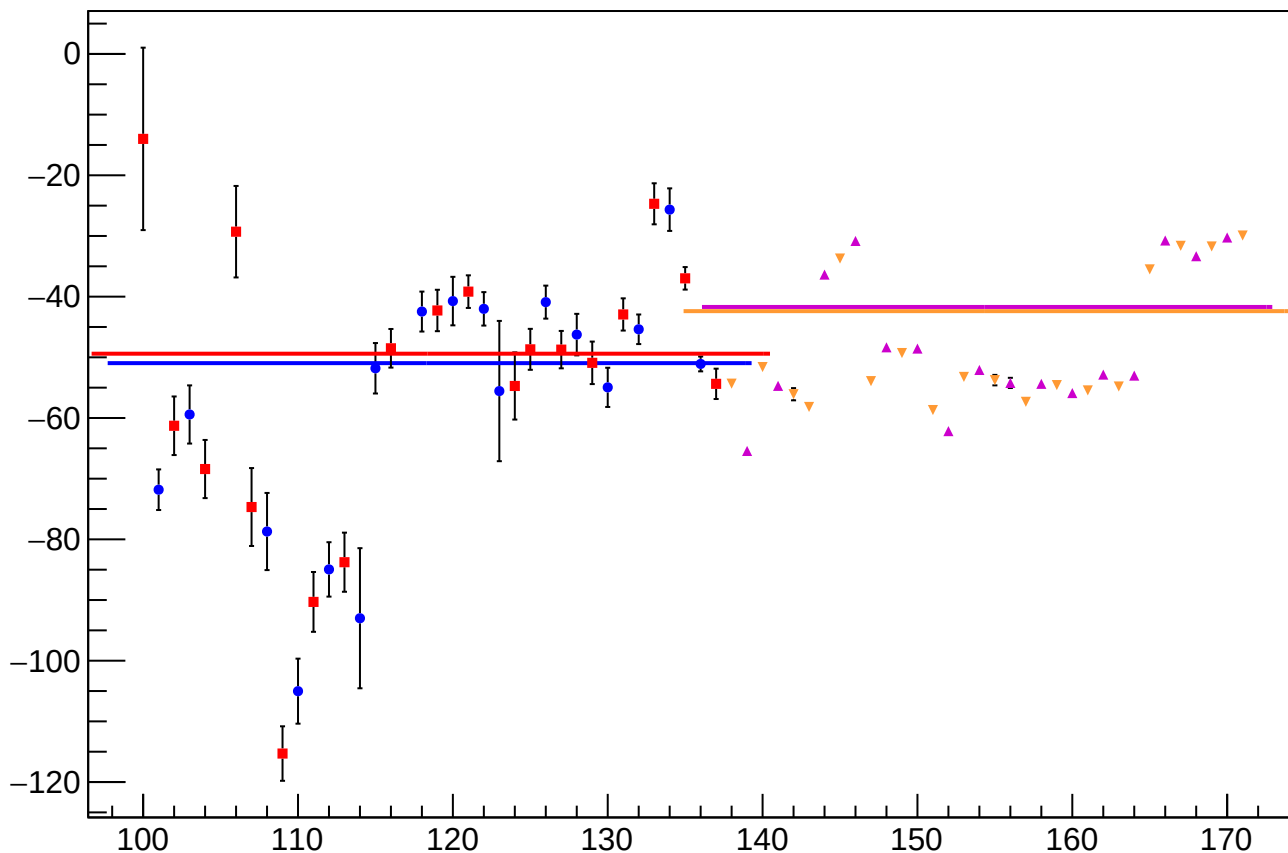
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.842 ± 0.097 χ^2/NDF : 2430.0/32

Out: 6.050 ± 0.096 χ^2/NDF : 1862.8/36

All: 5.947 ± 0.068 χ^2/NDF : 4295.2/69

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: -42.390 ± 0.133 χ^2/NDF : 7153.5/17

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -41.699 ± 0.135 χ^2/NDF : 7435.5/15

Left: -42.049 ± 0.094 χ^2/NDF : 14602.3/33

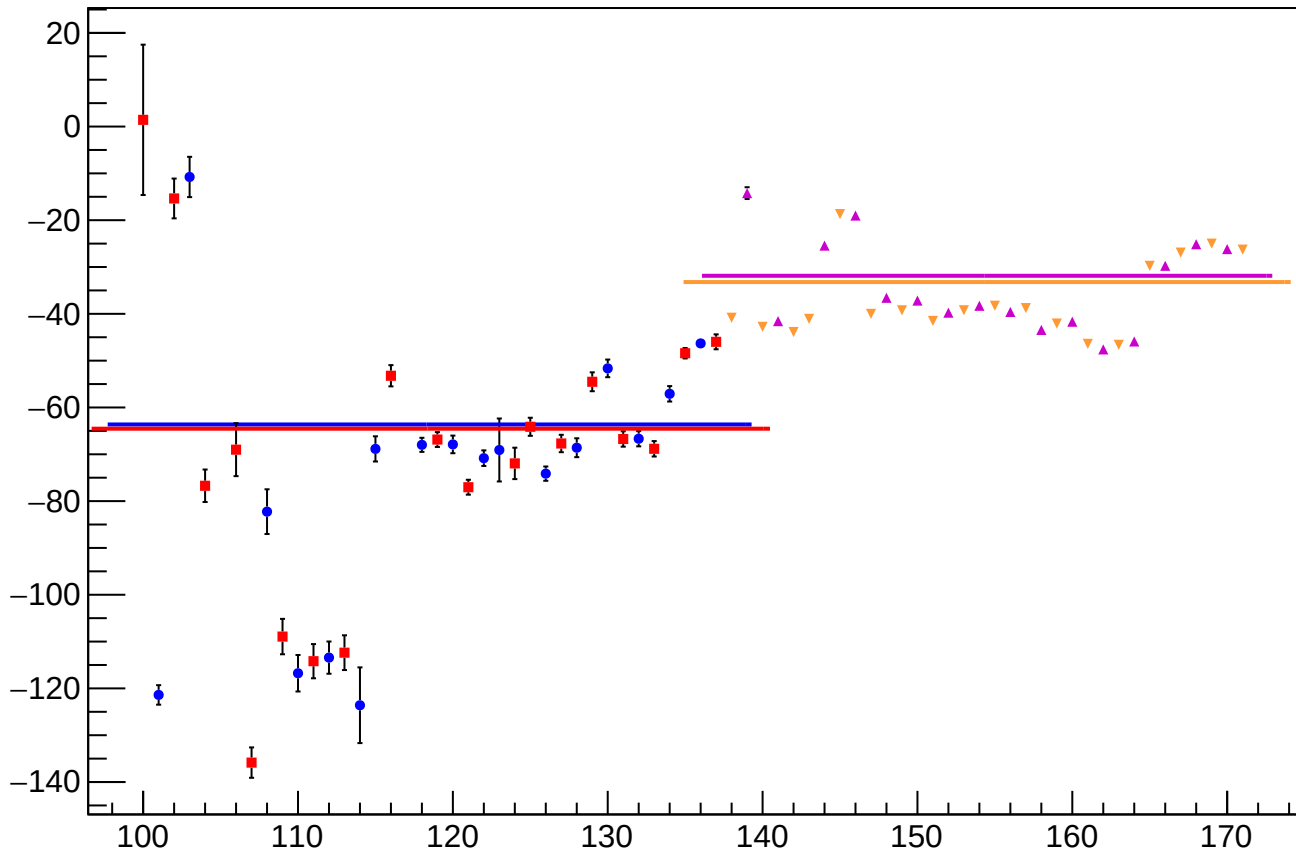
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -41.996 ± 0.132 χ^2/NDF : 7919.6/32

Out: -42.579 ± 0.131 χ^2/NDF : 7740.8/36

All: -42.291 ± 0.093 χ^2/NDF : 15670.2/69

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: -33.213 ± 0.112 χ^2/NDF : 6627.0/17

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -31.871 ± 0.115 χ^2/NDF : 6371.7/15

Left: -32.562 ± 0.080 χ^2/NDF : 13068.6/33

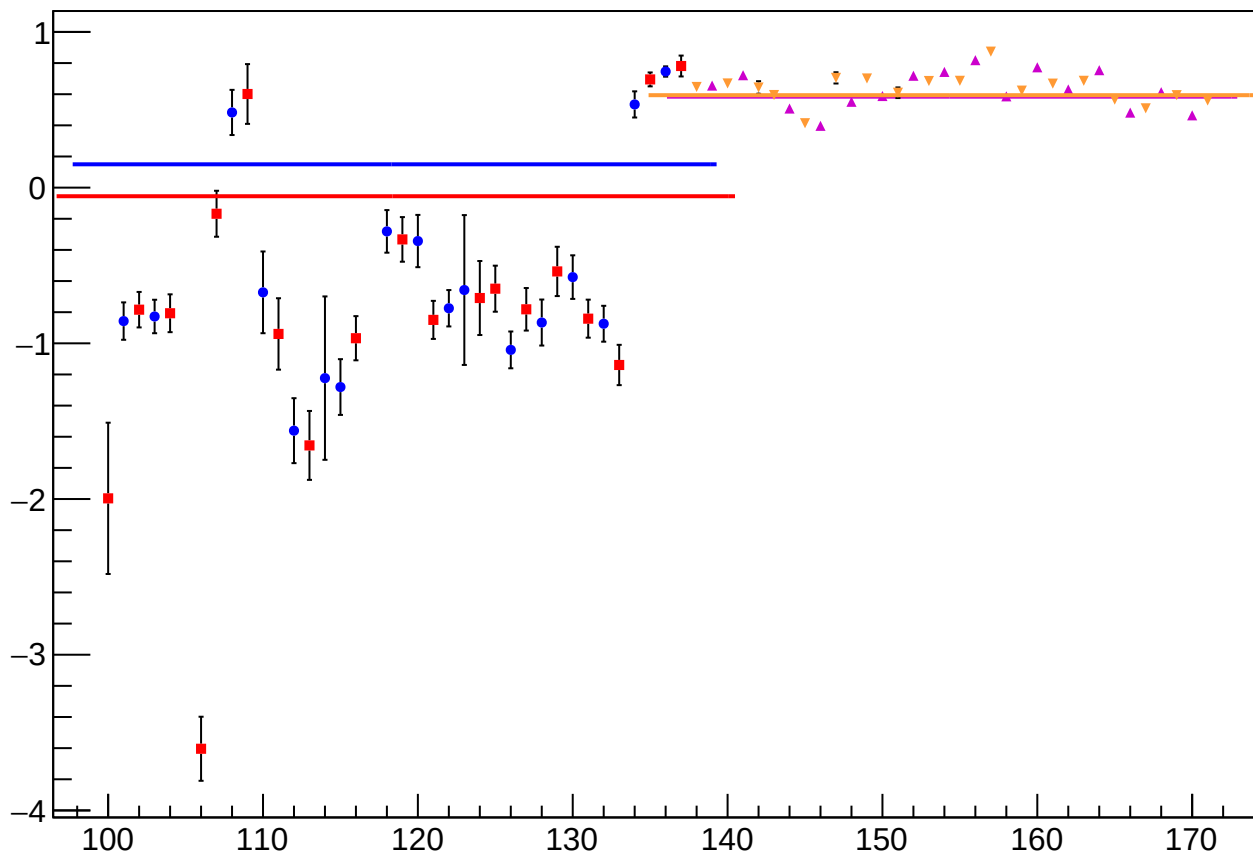
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.856 ± 0.111 χ^2/NDF : 13140.2/32

Out: -34.809 ± 0.109 χ^2/NDF : 12245.5/36

All: -34.344 ± 0.078 χ^2/NDF : 25423.2/69

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: 0.594 $\pm$ 0.005 χ^2 /NDF:386.4/17

Right Out: -0.055 $\pm$ 0.026 χ^2 /NDF: 1170.0/18

Left In: 0.584 $\pm$ 0.005 χ^2 /NDF:503.3/15

Left: 0.589 $\pm$ 0.004 χ^2 /NDF: 891.3/33

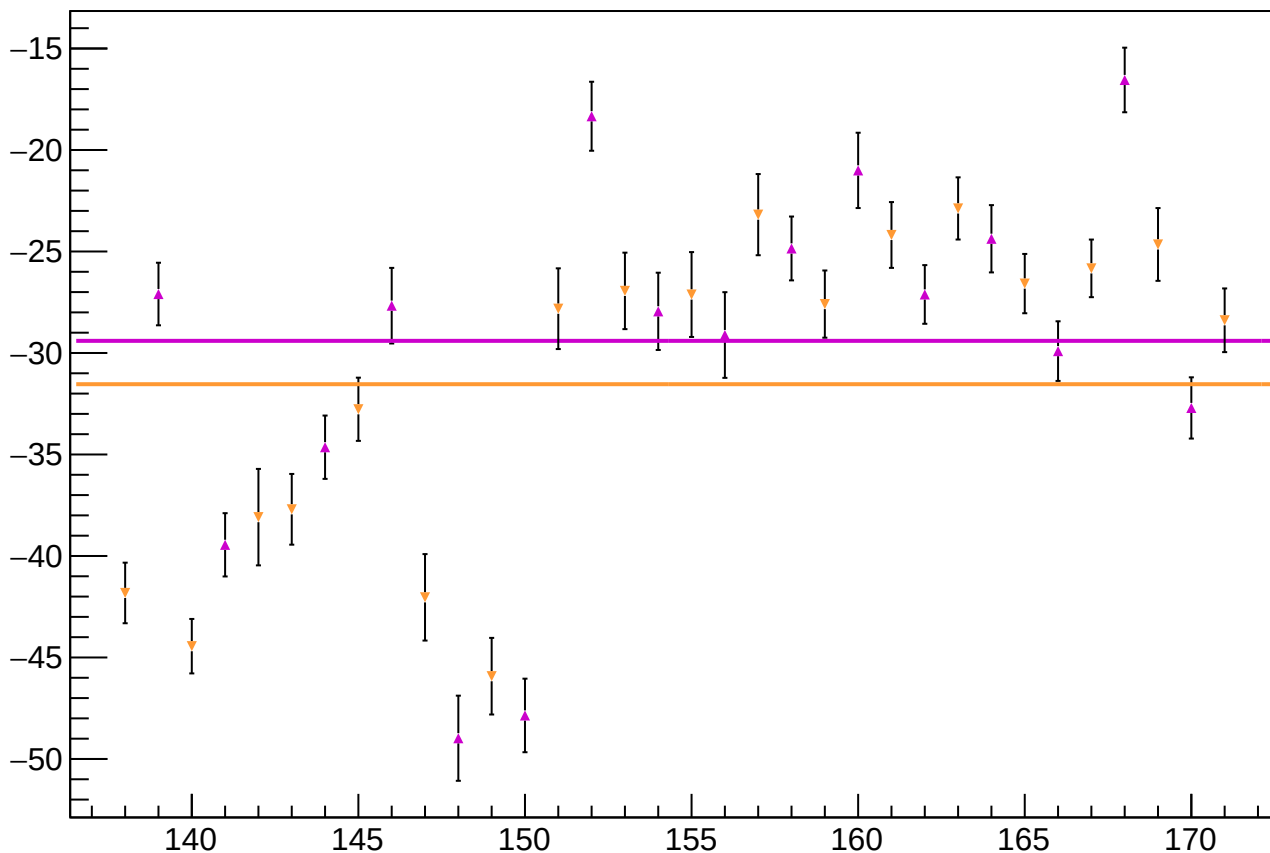
Right: 0.056 $\pm$ 0.018 χ^2 /NDF: 2192.5/35

In: 0.564 $\pm$ 0.005 χ^2 /NDF:1804.8/32

Out: 0.570 $\pm$ 0.005 χ^2 /NDF:2147.6/36

All: 0.567 $\pm$ 0.004 χ^2 /NDF: 3953.2/69

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: -31.538+/-0.399 χ^2/NDF :379.2/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.402+/-0.417 χ^2/NDF :400.5/15

Left: -30.518+/-0.288 χ^2/NDF : 793.4/33

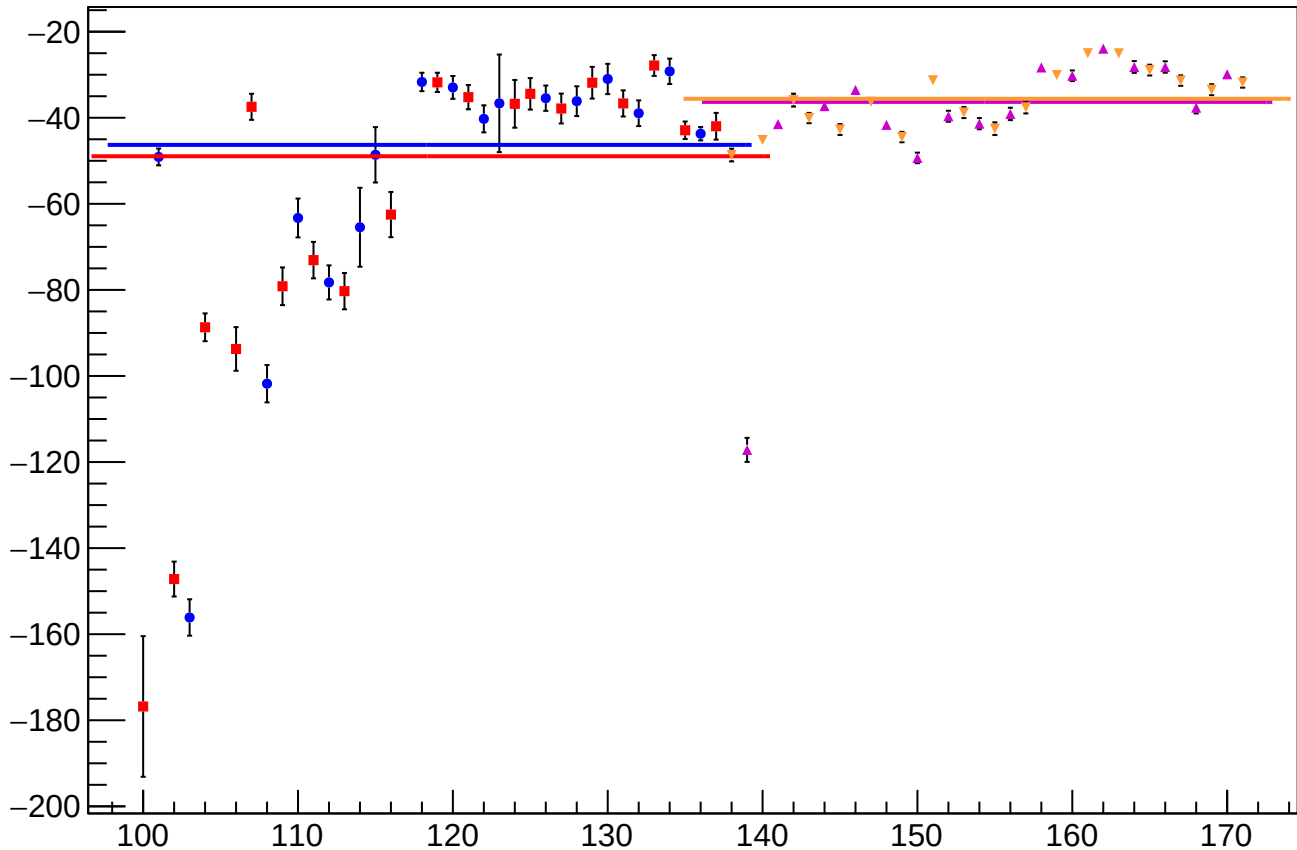
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.402+/-0.417 χ^2/NDF :400.5/15

Out: -31.538+/-0.399 χ^2/NDF :379.2/17

All: -30.518+/-0.288 χ^2/NDF : 793.4/33

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -35.590 ± 0.290 χ^2/NDF : 543.5/17

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -36.314 ± 0.308 χ^2/NDF : 1332.3/15

Left: -35.930 ± 0.211 χ^2/NDF : 1878.8/33

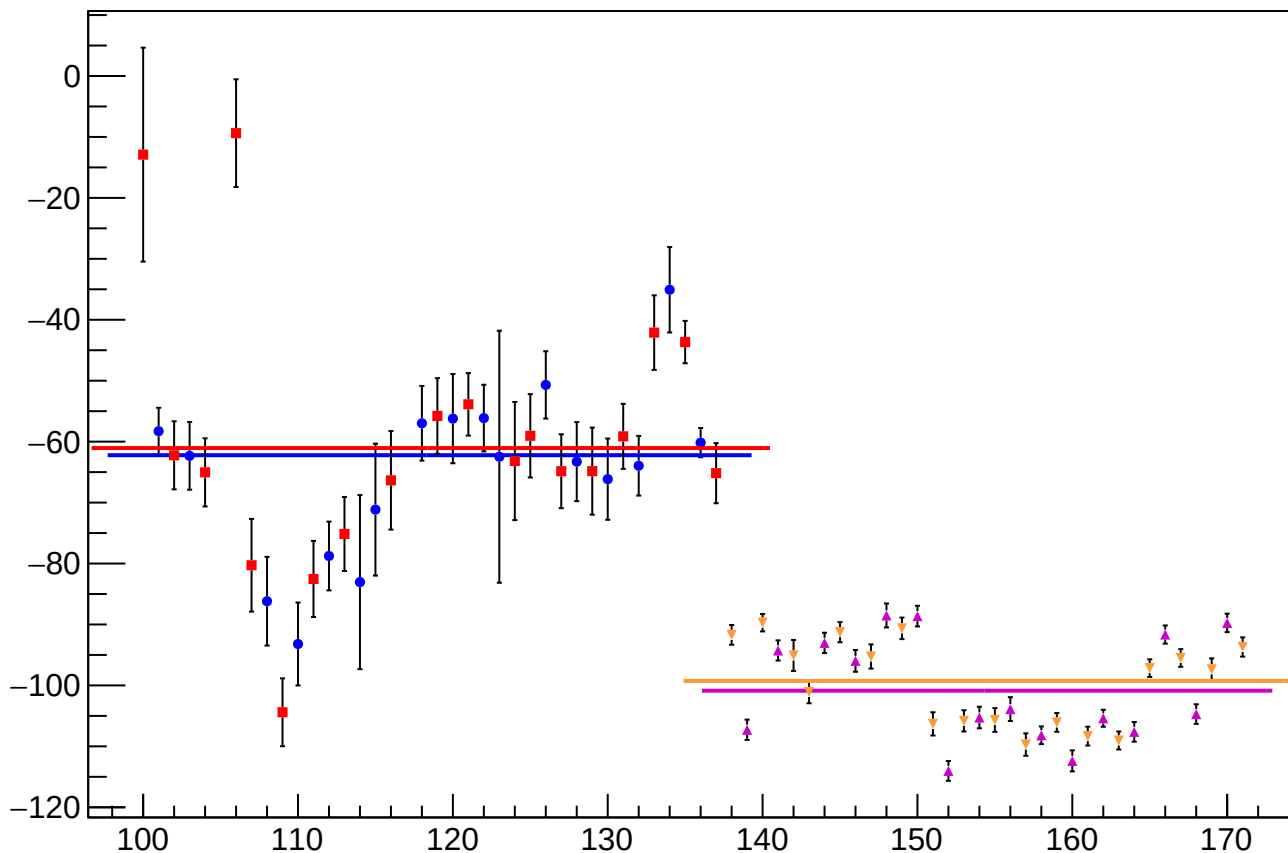
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -37.849 ± 0.284 χ^2/NDF : 2577.5/32

Out: -37.277 ± 0.271 χ^2/NDF : 2085.2/36

All: -37.550 ± 0.196 χ^2/NDF : 4664.8/69

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -99.263 ± 0.396 $\chi^2/\text{NDF}: 312.2/17$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -100.867 ± 0.410 $\chi^2/\text{NDF}: 421.9/15$

Left: -100.037 ± 0.285 $\chi^2/\text{NDF}: 742.0/33$

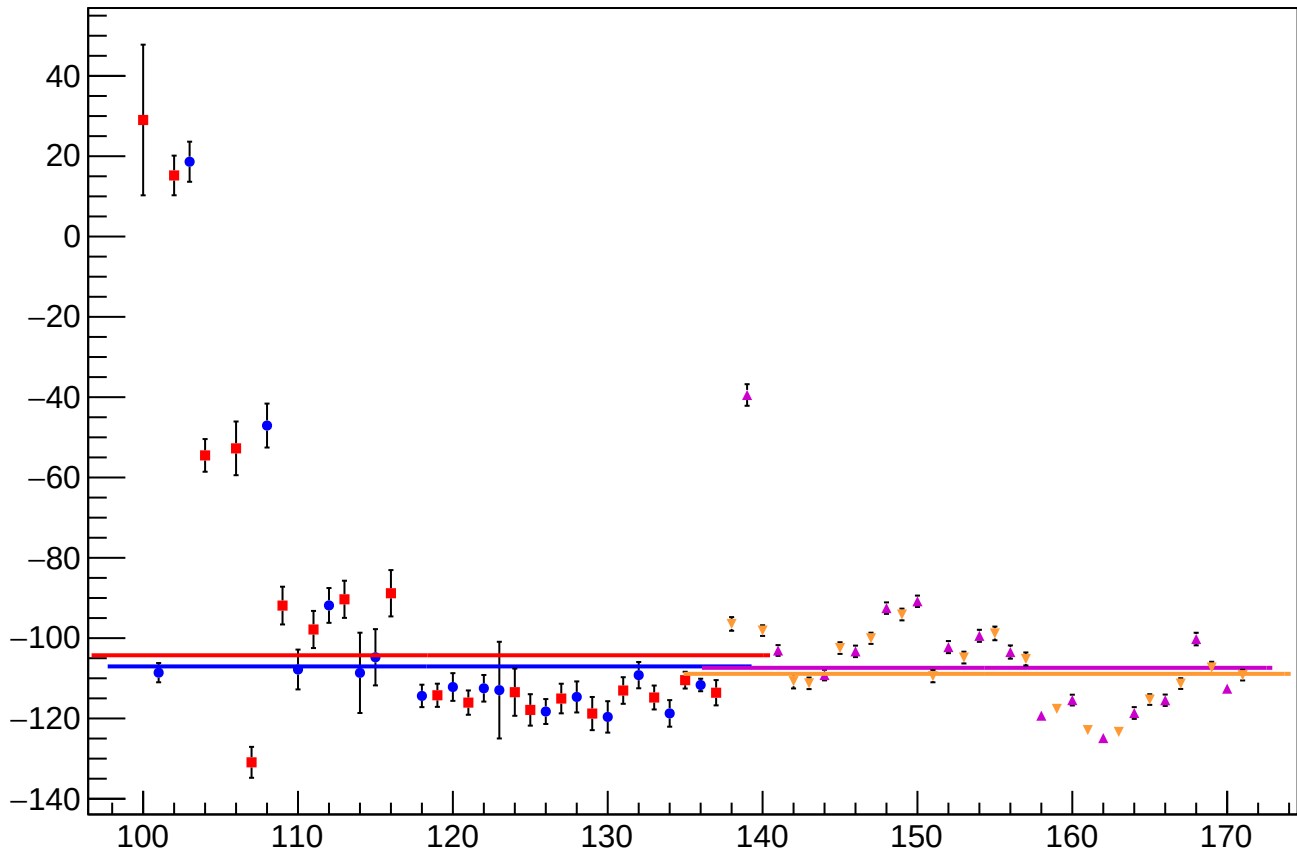
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -97.425 ± 0.391 $\chi^2/\text{NDF}: 1280.0/32$

Out: -96.350 ± 0.381 $\chi^2/\text{NDF}: 1188.0/36$

All: -96.873 ± 0.273 $\chi^2/\text{NDF}: 2471.8/69$

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: -108.892 ± 0.333 $\chi^2/\text{NDF}: 686.8/17$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -107.391 ± 0.352 $\chi^2/\text{NDF}: 1435.3/15$

Left: -108.184 ± 0.242 $\chi^2/\text{NDF}: 2131.8/33$

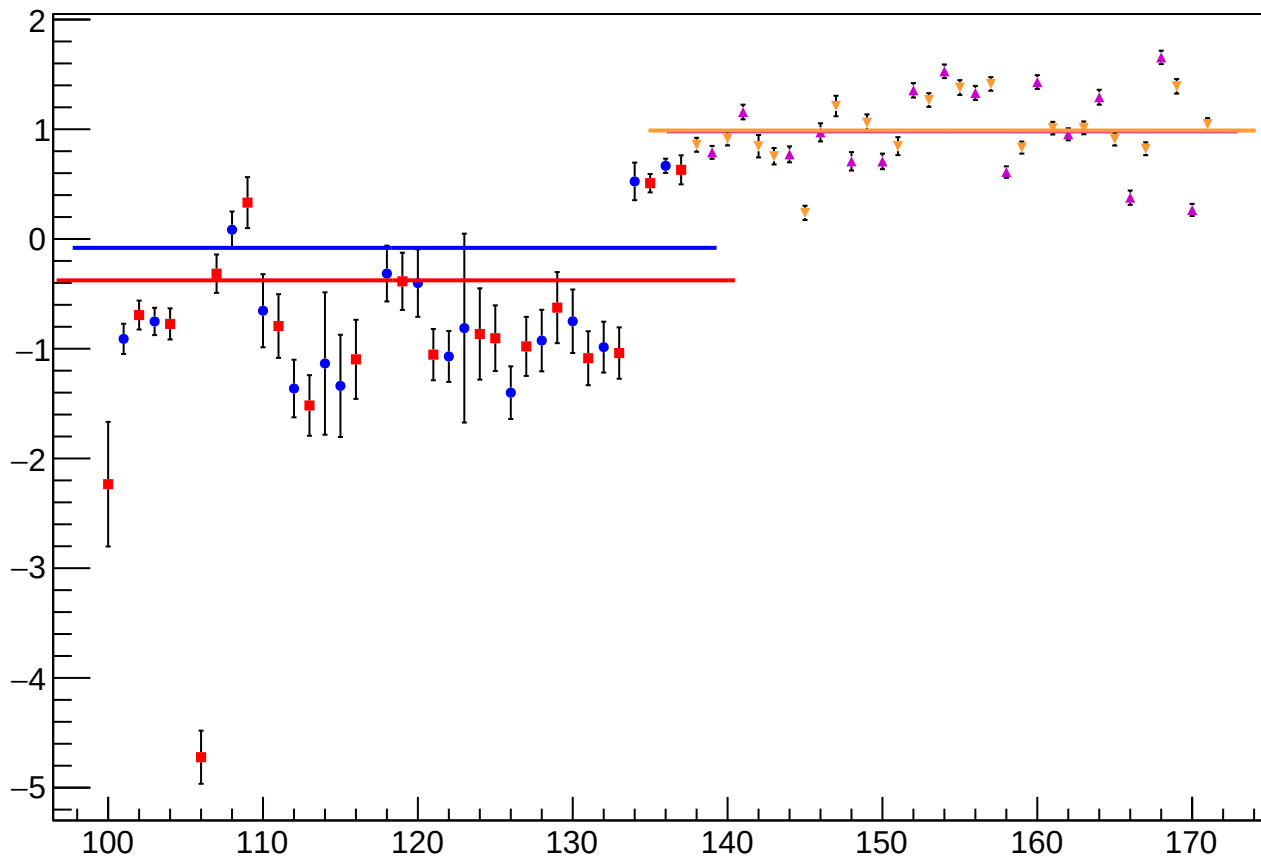
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -107.336 ± 0.323 $\chi^2/\text{NDF}: 2263.4/32$

Out: -108.289 ± 0.311 $\chi^2/\text{NDF}: 1730.0/36$

All: -107.831 ± 0.224 $\chi^2/\text{NDF}: 3997.9/69$

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: 0.989 ± 0.015 χ^2/NDF : 316.8/17

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.981 ± 0.016 χ^2/NDF : 689.0/15

Left: 0.985 ± 0.011 χ^2/NDF : 1006.0/33

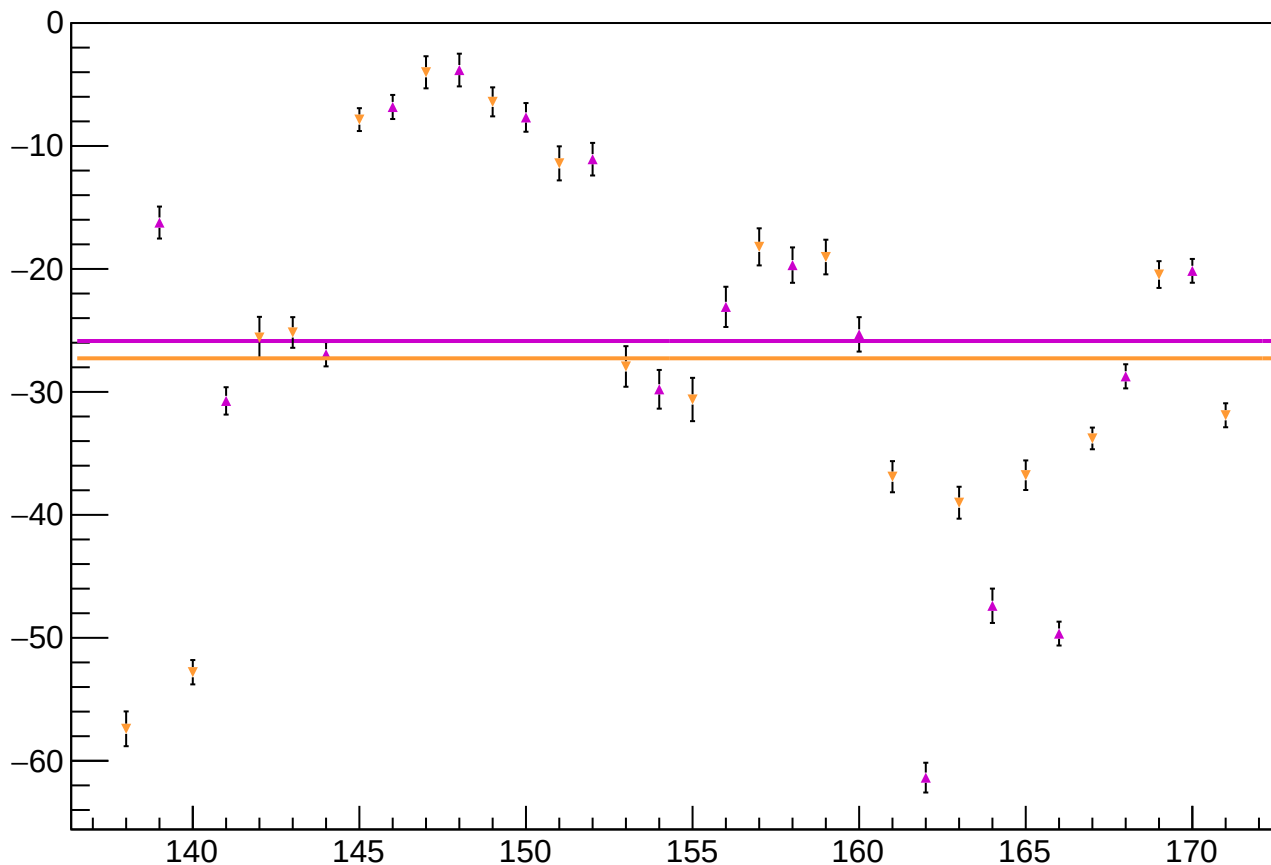
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.848 ± 0.015 χ^2/NDF : 1571.6/32

Out: 0.839 ± 0.015 χ^2/NDF : 1763.0/36

All: 0.843 ± 0.010 χ^2/NDF : 3334.8/69

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -27.268 $\pm$ 0.286 χ^2/NDF : 2712.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -25.860 $\pm$ 0.295 χ^2/NDF : 2864.1/15

Left: -26.587 $\pm$ 0.205 χ^2/NDF : 5587.8/33

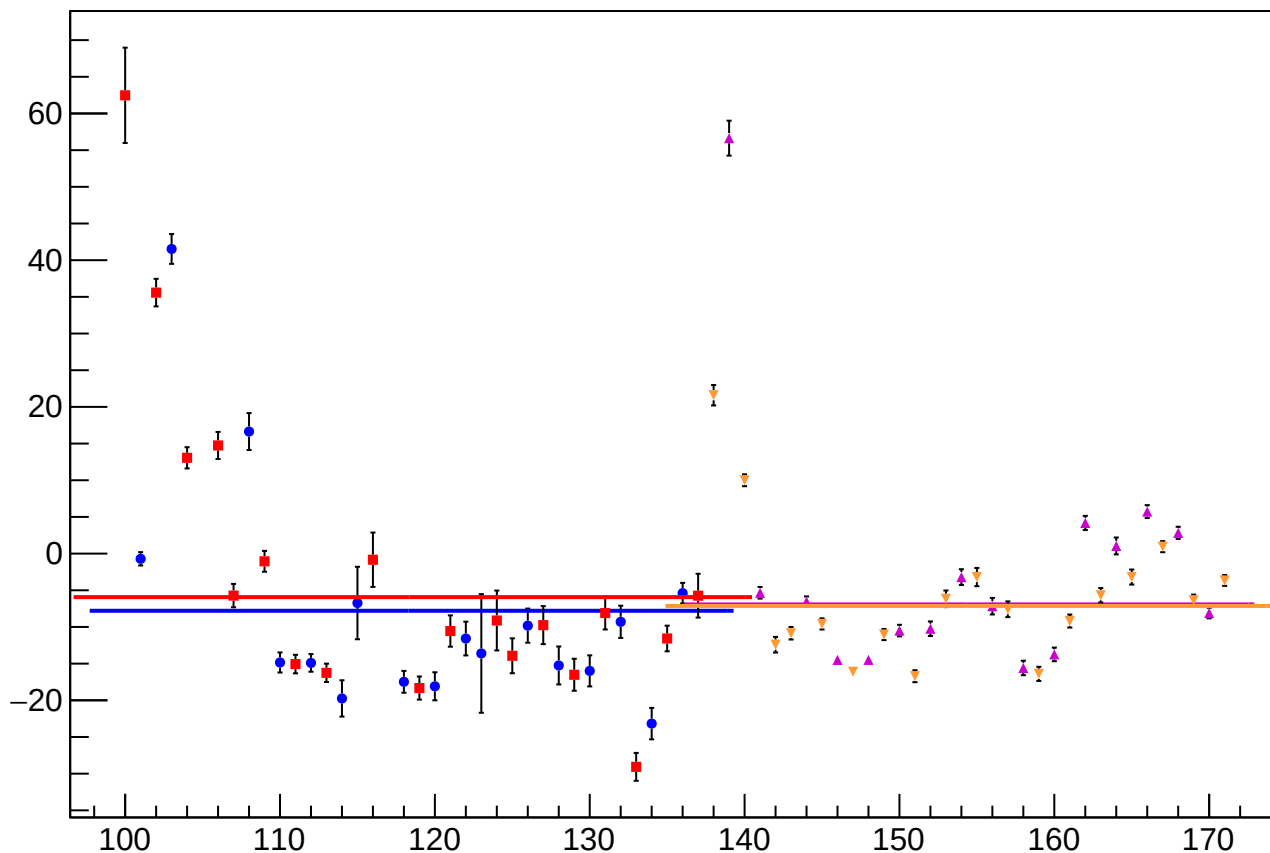
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -25.860 $\pm$ 0.295 χ^2/NDF : 2864.1/15

Out: -27.268 $\pm$ 0.286 χ^2/NDF : 2712.0/17

All: -26.587 $\pm$ 0.205 χ^2/NDF : 5587.8/33

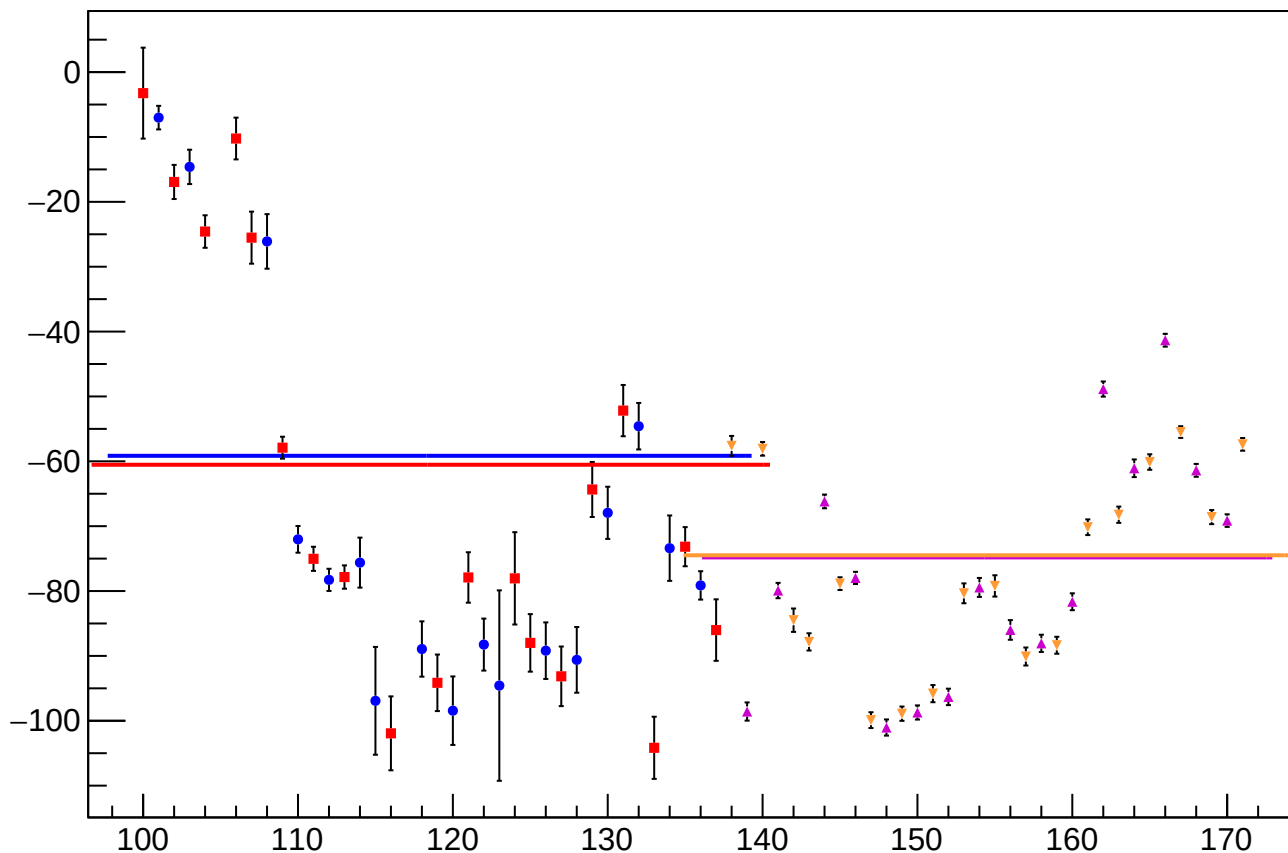
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -7.136 ± 0.206 χ^2/NDF : 1561.2/17
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -6.926 ± 0.214 χ^2/NDF : 1706.8/15

Left: -7.035 ± 0.148 χ^2/NDF : 3268.5/33
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35
 In: -7.100 ± 0.192 χ^2/NDF : 2692.8/32
 Out: -6.911 ± 0.185 χ^2/NDF : 2861.9/36
 All: -7.002 ± 0.133 χ^2/NDF : 5555.2/69

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: -74.487 ± 0.285 χ^2/NDF : 2919.1/17

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -74.818 ± 0.291 χ^2/NDF : 3745.1/15

Left: -74.648 ± 0.204 χ^2/NDF : 6664.9/33

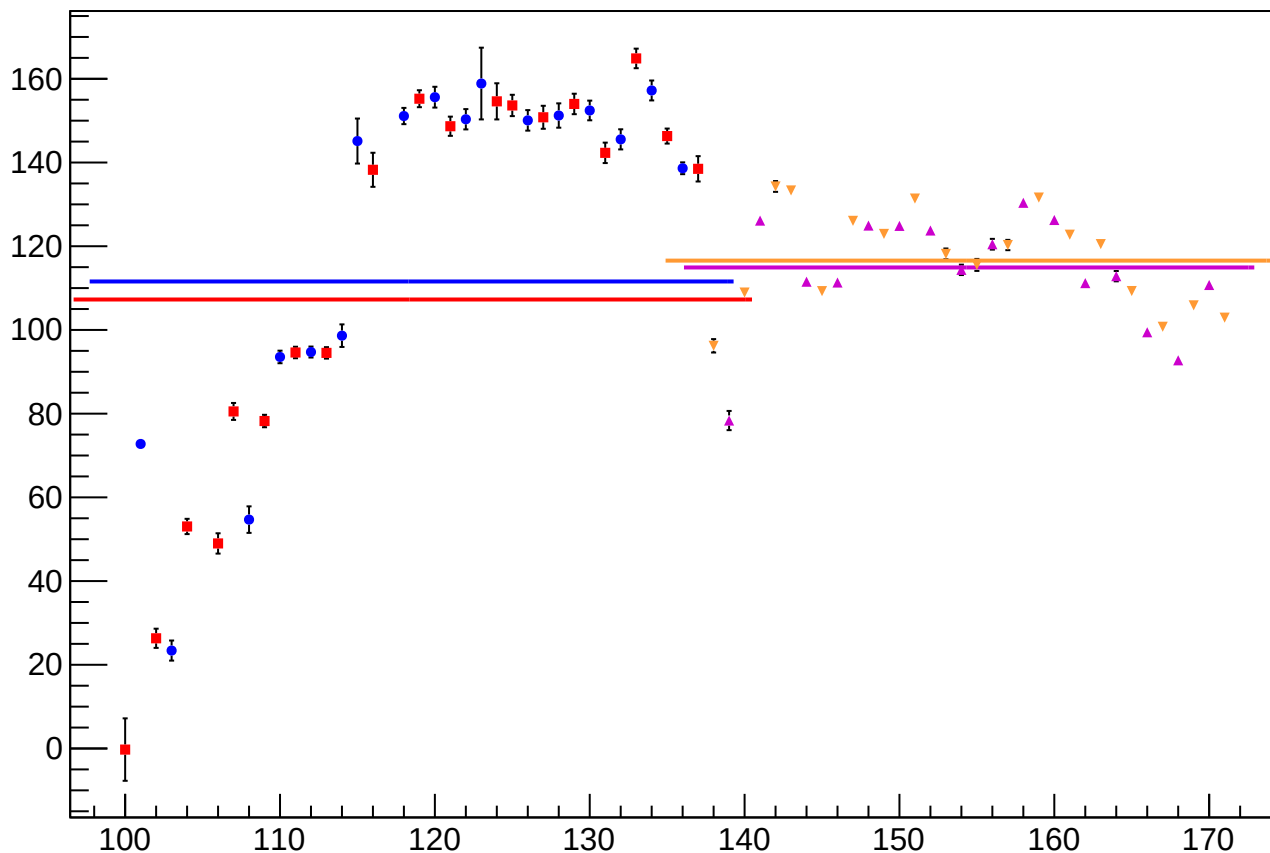
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -72.741 ± 0.271 χ^2/NDF : 5846.8/32

Out: -72.524 ± 0.264 χ^2/NDF : 4642.0/36

All: -72.630 ± 0.189 χ^2/NDF : 10489.2/69

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 116.565 $\pm$ 0.238 χ^2 /NDF:2238.8/17

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 114.926 $\pm$ 0.248 χ^2 /NDF:1937.1/15

Left: 115.780 $\pm$ 0.172 χ^2 /NDF: 4198.5/33

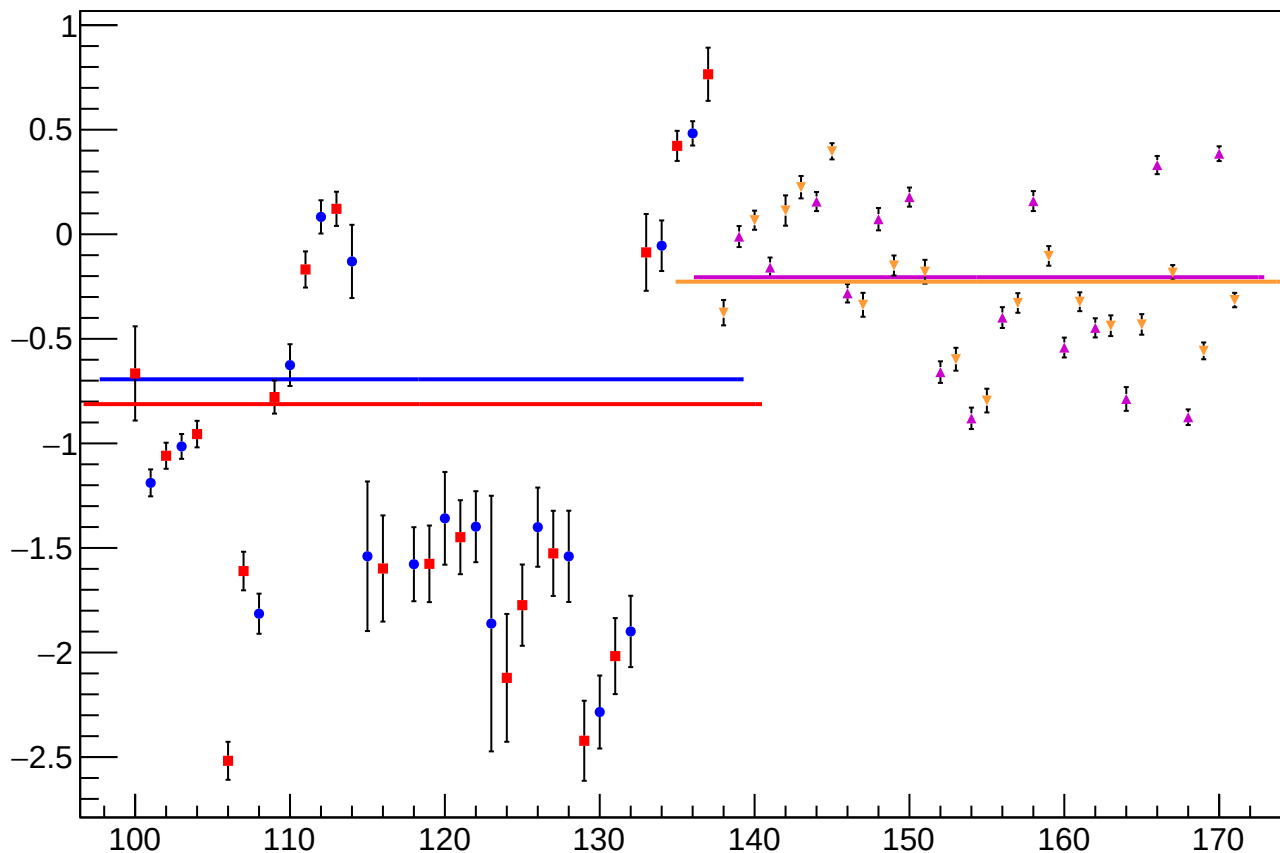
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 114.236 $\pm$ 0.221 χ^2 /NDF:7920.4/32

Out: 114.773 $\pm$ 0.214 χ^2 /NDF:9576.8/36

All: 114.513 $\pm$ 0.154 χ^2 /NDF: 17500.3/69

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: -0.227 ± 0.011 χ^2/NDF : 681.6/17

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.205 ± 0.012 χ^2/NDF : 1436.0/15

Left: -0.216 ± 0.008 χ^2/NDF : 2119.3/33

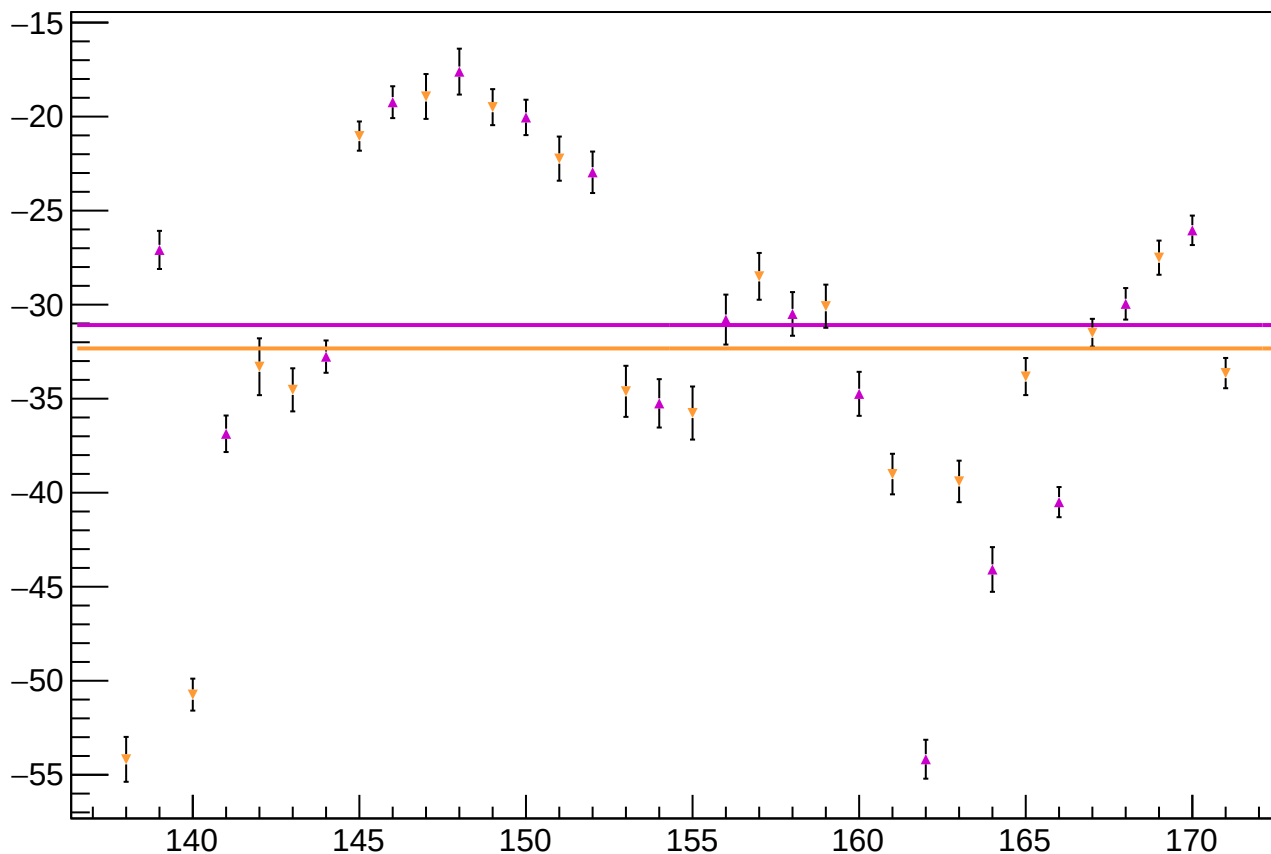
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.287 ± 0.011 χ^2/NDF : 2725.0/32

Out: -0.328 ± 0.010 χ^2/NDF : 2469.8/36

All: -0.308 ± 0.007 χ^2/NDF : 5202.7/69

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -32.329 $\pm$ 0.241 χ^2/NDF :1535.2/17

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -31.085 $\pm$ 0.248 χ^2/NDF :1383.5/15

Left: -31.724 $\pm$ 0.173 χ^2/NDF : 2931.7/33

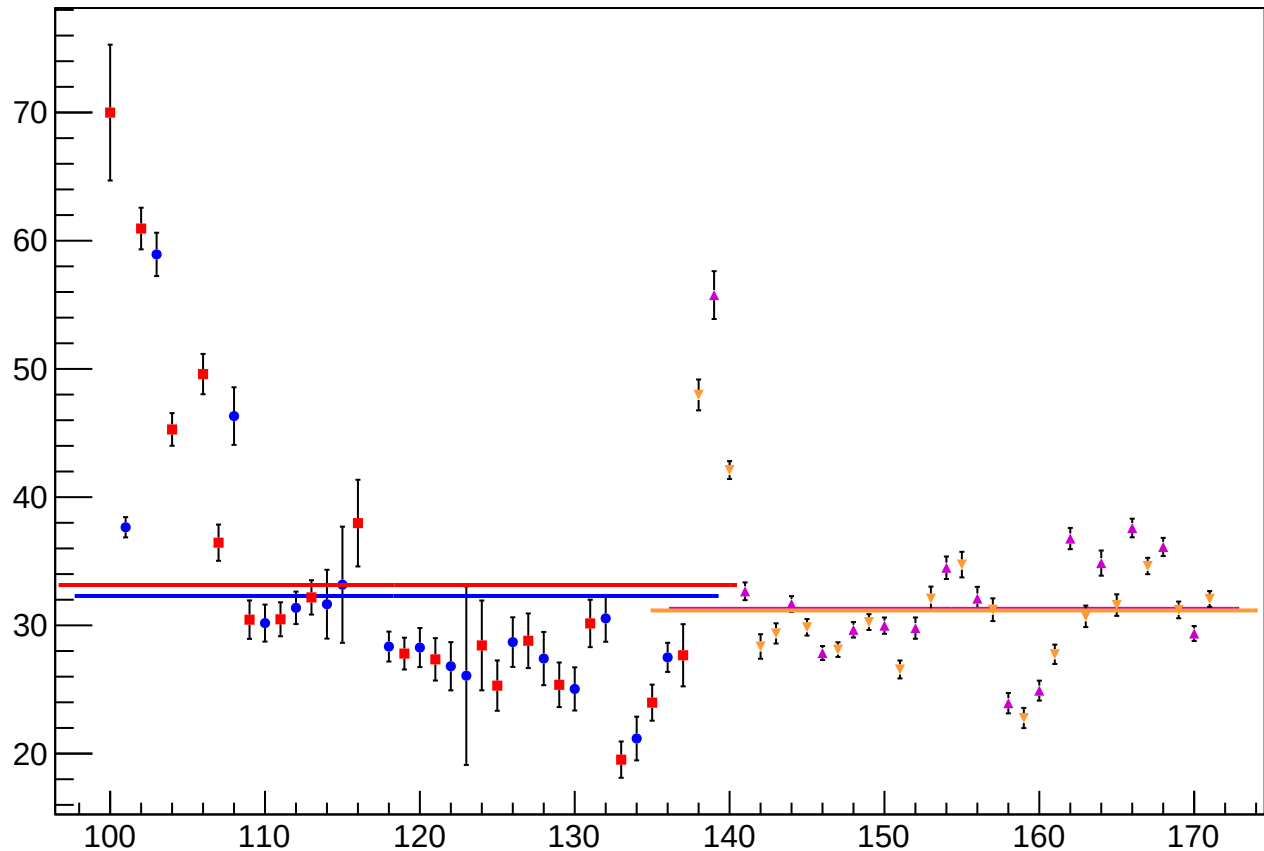
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.085 $\pm$ 0.248 χ^2/NDF :1383.5/15

Out: -32.329 $\pm$ 0.241 χ^2/NDF :1535.2/17

All: -31.724 $\pm$ 0.173 χ^2/NDF : 2931.7/33

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2 /NDF: 452.5/16

Left Out: 31.164+/-0.175 χ^2 /NDF: 713.5/17

Right Out: 33.149+/-0.379 χ^2 /NDF: 772.6/18

Left In: 31.289+/-0.182 χ^2 /NDF: 586.9/15

Left: 31.224+/-0.126 χ^2 /NDF: 1300.6/33

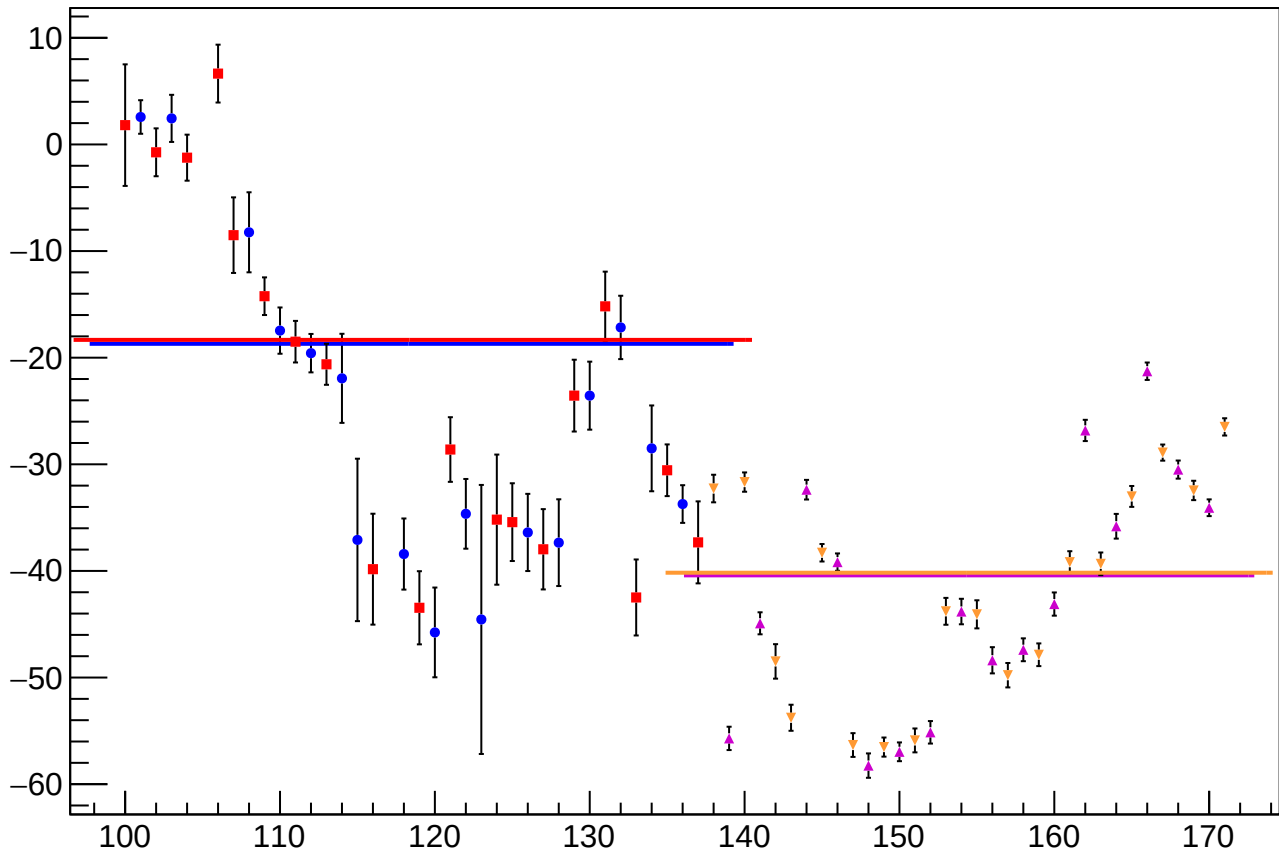
Right: 32.715+/-0.266 χ^2 /NDF: 1227.8/35

In: 31.483+/-0.164 χ^2 /NDF: 1045.2/32

Out: 31.513+/-0.159 χ^2 /NDF: 1508.8/36

All: 31.498+/-0.114 χ^2 /NDF: 2554.1/69

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: -40.168 ± 0.240 χ^2/NDF : 1795.2/17

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -40.416 ± 0.244 χ^2/NDF : 2136.1/15

Left: -40.290 ± 0.171 χ^2/NDF : 3931.8/33

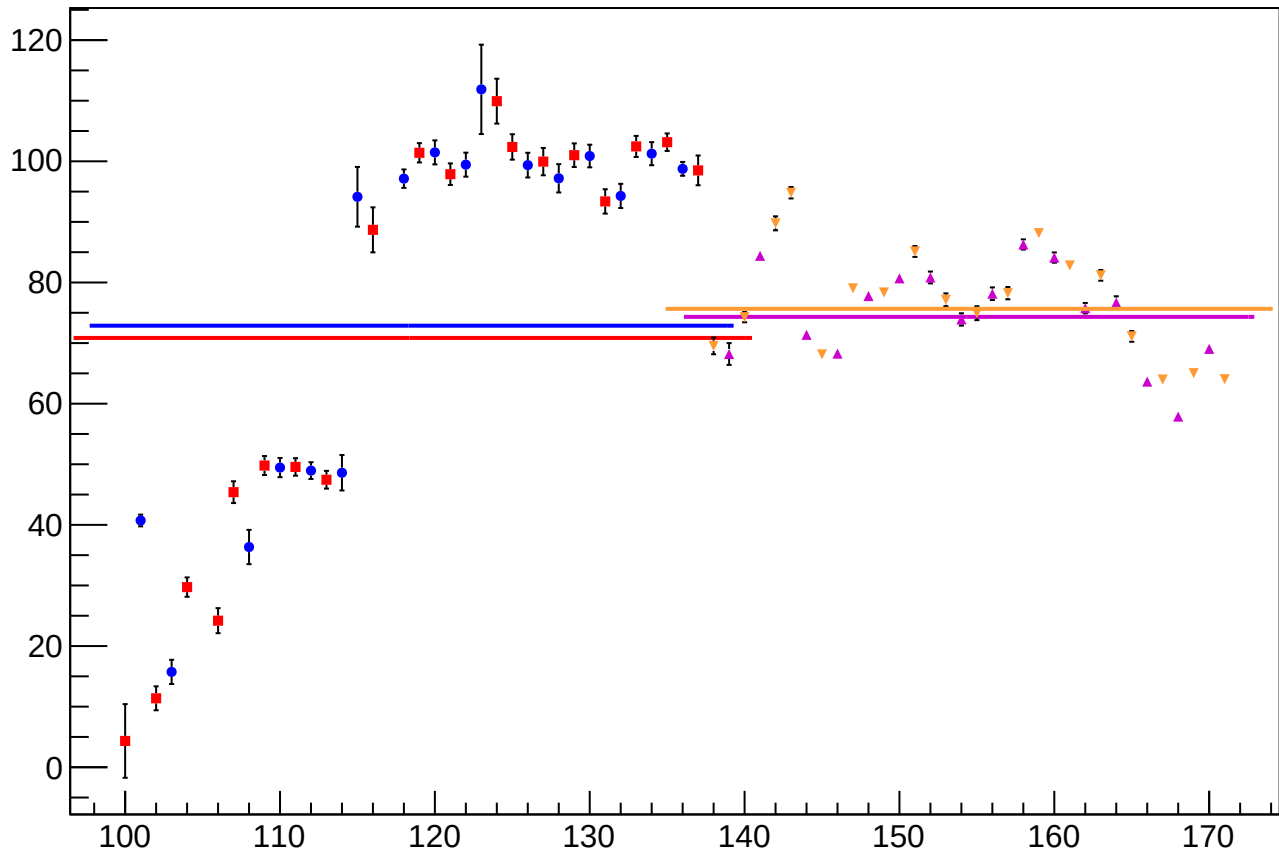
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -37.844 ± 0.229 χ^2/NDF : 3591.1/32

Out: -37.508 ± 0.225 χ^2/NDF : 3280.8/36

All: -37.672 ± 0.160 χ^2/NDF : 6873.0/69

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 ± 0.427 $\chi^2/\text{NDF}: 4727.1/16$

Left Out: 75.653 ± 0.202 $\chi^2/\text{NDF}: 1993.6/17$

Right Out: 70.851 ± 0.433 $\chi^2/\text{NDF}: 5495.4/18$

Left In: 74.328 ± 0.210 $\chi^2/\text{NDF}: 1403.3/15$

Left: 75.017 ± 0.145 $\chi^2/\text{NDF}: 3417.6/33$

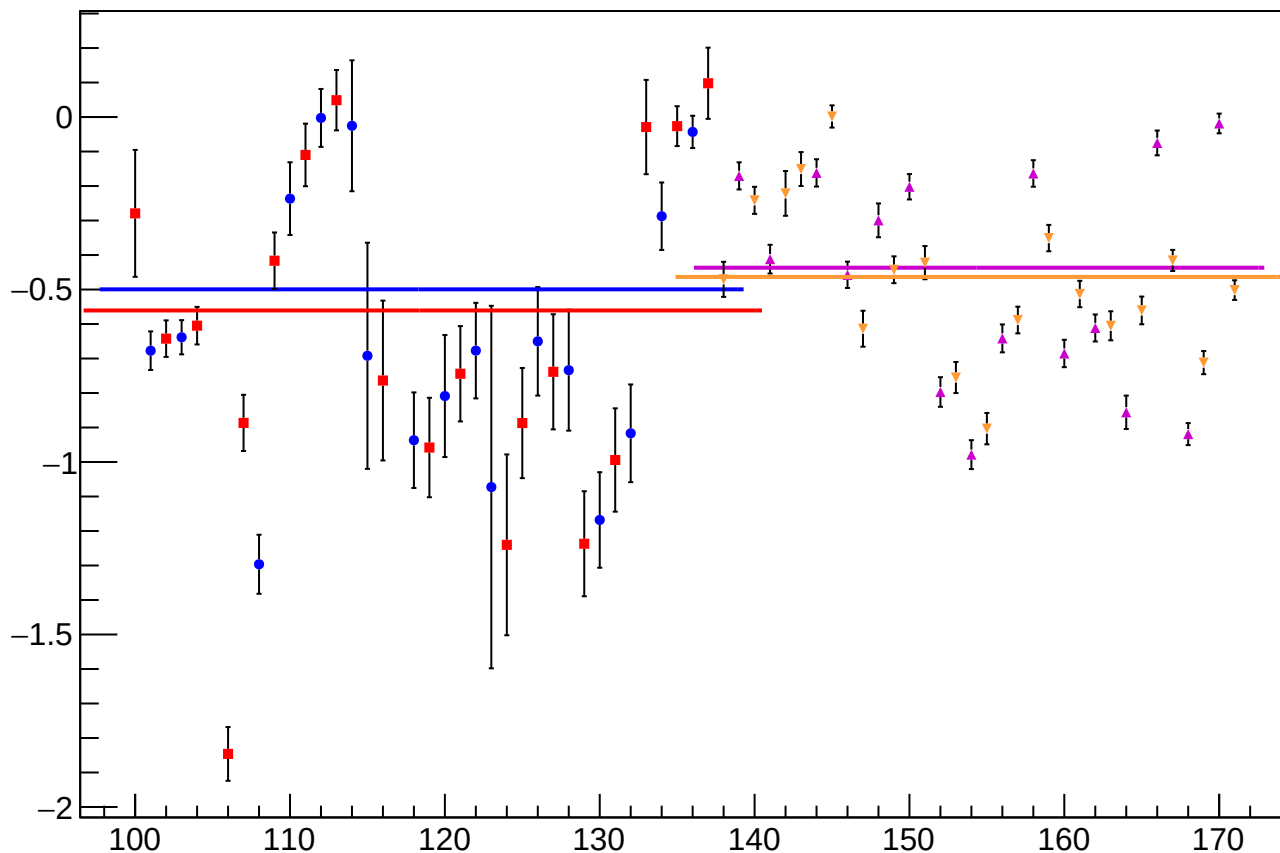
Right: 71.876 ± 0.304 $\chi^2/\text{NDF}: 10233.6/35$

In: 74.044 ± 0.188 $\chi^2/\text{NDF}: 6139.8/32$

Out: 74.797 ± 0.183 $\chi^2/\text{NDF}: 7590.1/36$

All: 74.431 ± 0.131 $\chi^2/\text{NDF}: 13738.1/69$

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: -0.463 ± 0.009 χ^2/NDF : 537.4/17

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.437 ± 0.010 χ^2/NDF : 1133.9/15

Left: -0.451 ± 0.007 χ^2/NDF : 1675.2/33

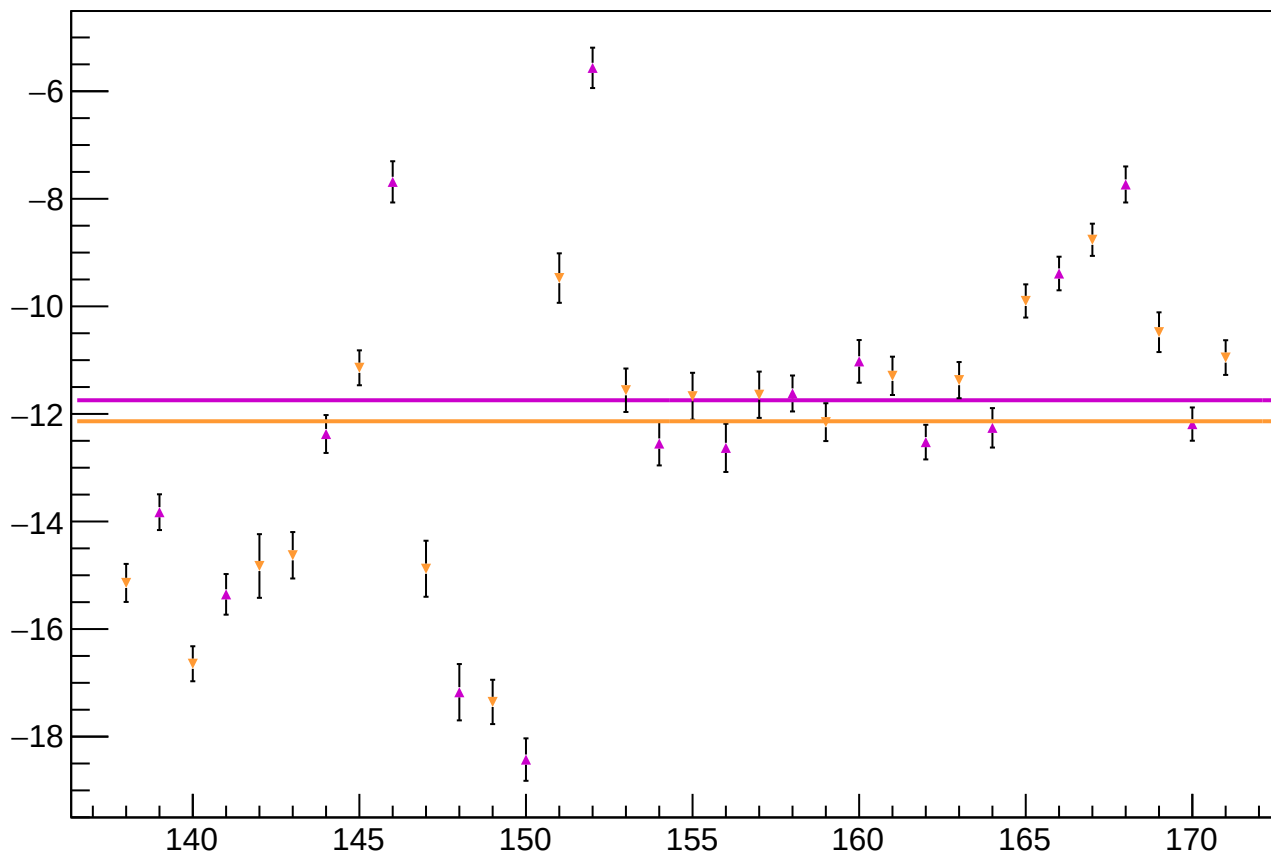
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.447 ± 0.009 χ^2/NDF : 1443.2/32

Out: -0.479 ± 0.009 χ^2/NDF : 1116.5/36

All: -0.463 ± 0.006 χ^2/NDF : 2566.6/69

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.136+/-0.088 χ^2/NDF : 777.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

Left: -11.948+/-0.063 χ^2/NDF : 1919.8/33

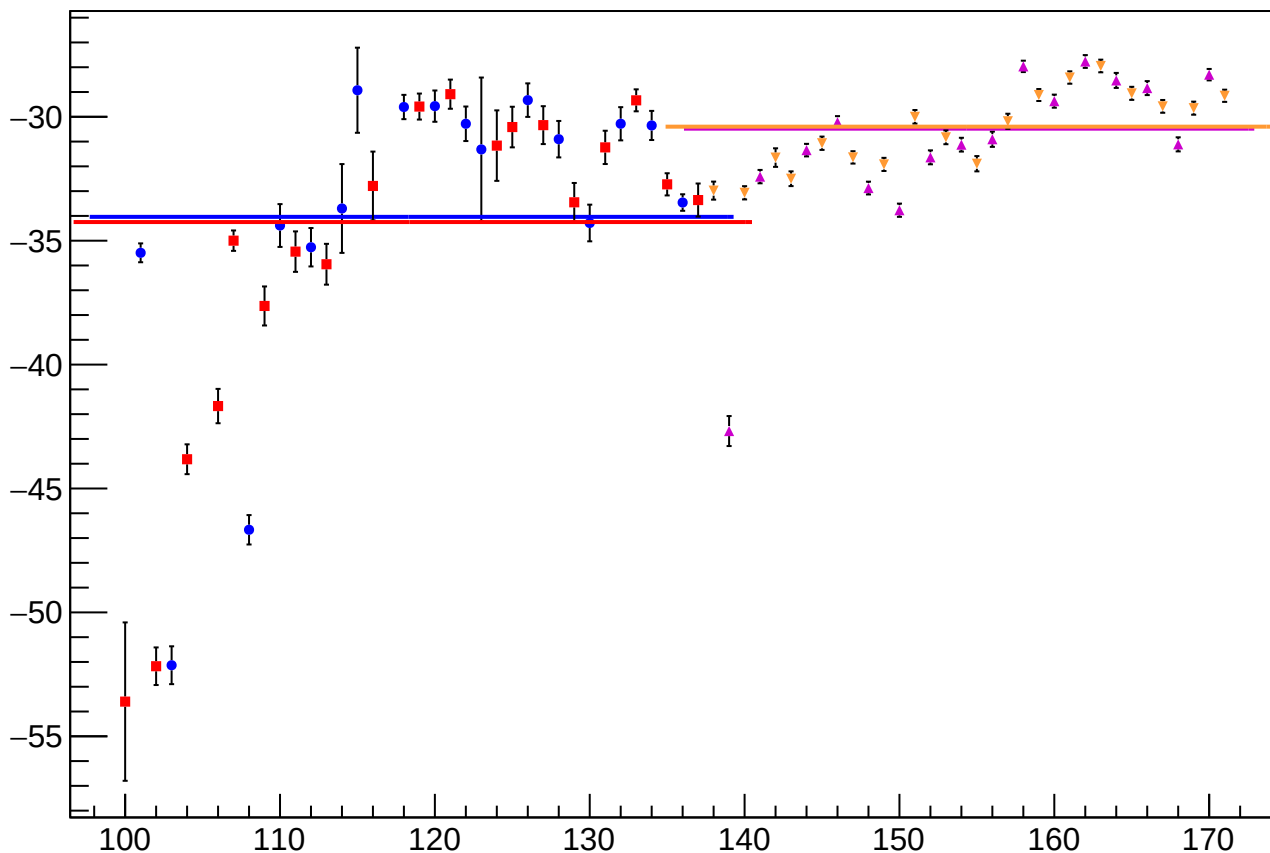
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

Out: -12.136+/-0.088 χ^2/NDF : 777.8/17

All: -11.948+/-0.063 χ^2/NDF : 1919.8/33

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.398 ± 0.065 χ^2/NDF : 554.9/17

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.479 ± 0.068 χ^2/NDF : 1148.0/15

Left: -30.436 ± 0.047 χ^2/NDF : 1703.6/33

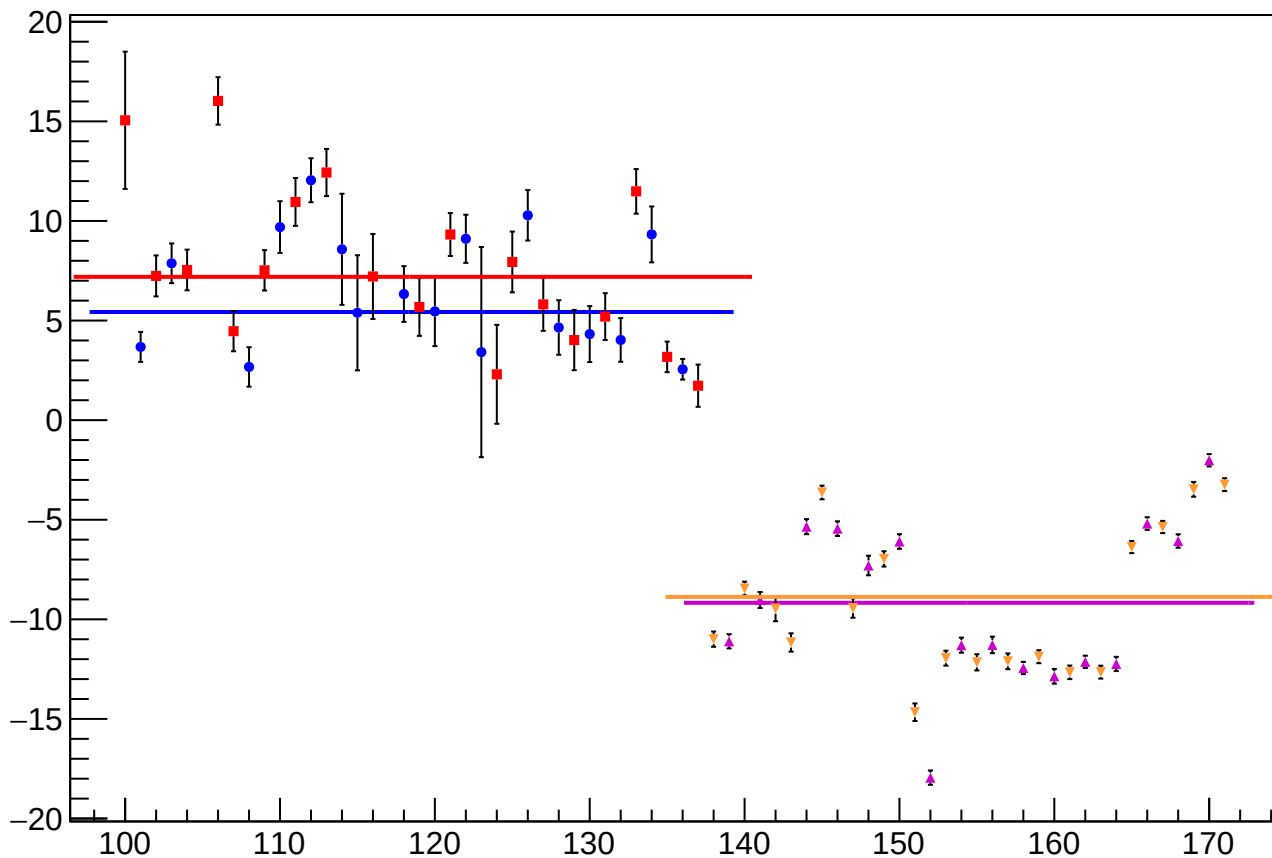
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.080 ± 0.062 χ^2/NDF : 2953.4/32

Out: -30.996 ± 0.059 χ^2/NDF : 2464.1/36

All: -31.036 ± 0.043 χ^2/NDF : 5418.5/69

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.874 ± 0.087 χ^2/NDF : 1746.2/17

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -9.170 ± 0.089 χ^2/NDF : 2124.6/15

Left: -9.018 ± 0.062 χ^2/NDF : 3876.5/33

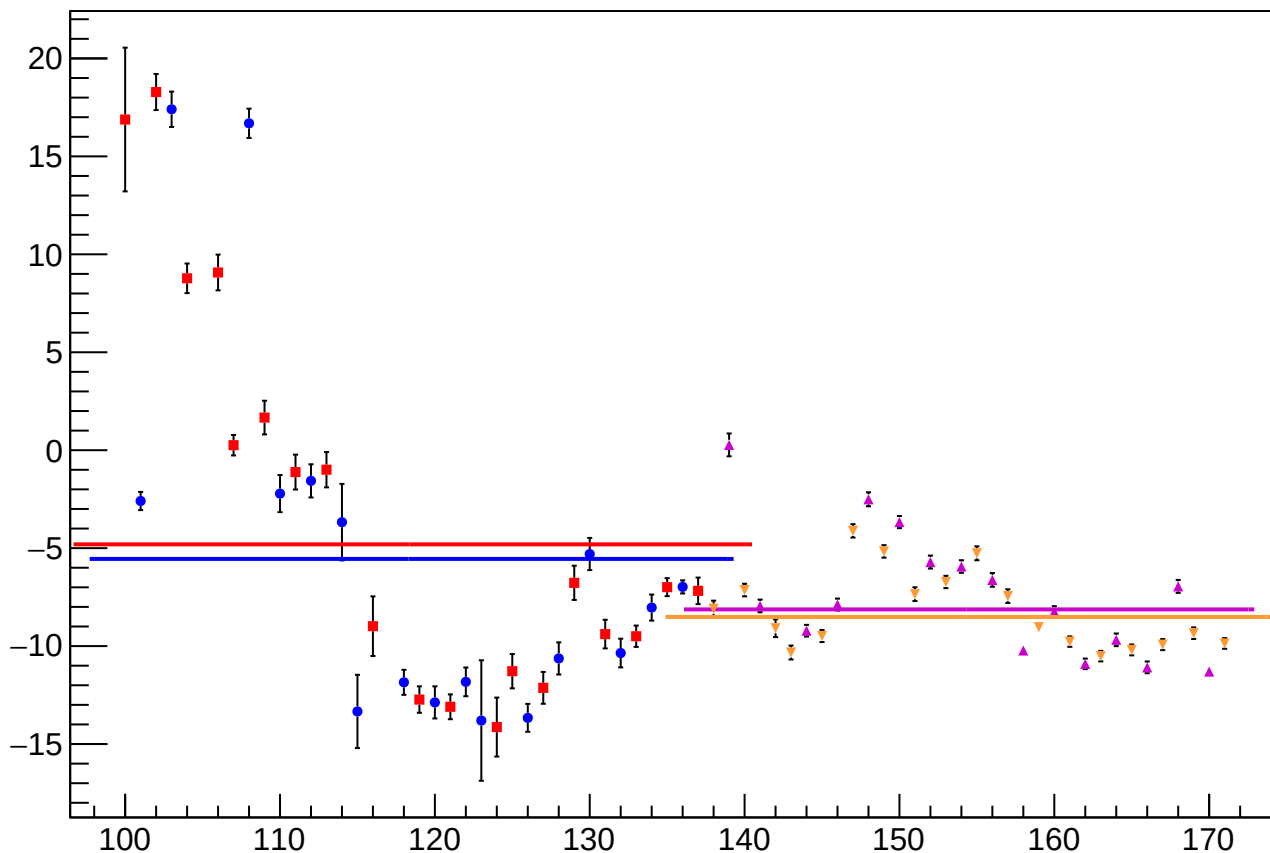
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -7.730 ± 0.085 χ^2/NDF : 4894.6/32

Out: -7.403 ± 0.083 χ^2/NDF : 5052.3/36

All: -7.563 ± 0.059 χ^2/NDF : 9954.5/69

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.512 ± 0.074 χ^2/NDF : 642.4/17

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.127 ± 0.077 χ^2/NDF : 1267.2/15

Left: -8.329 ± 0.053 χ^2/NDF : 1922.6/33

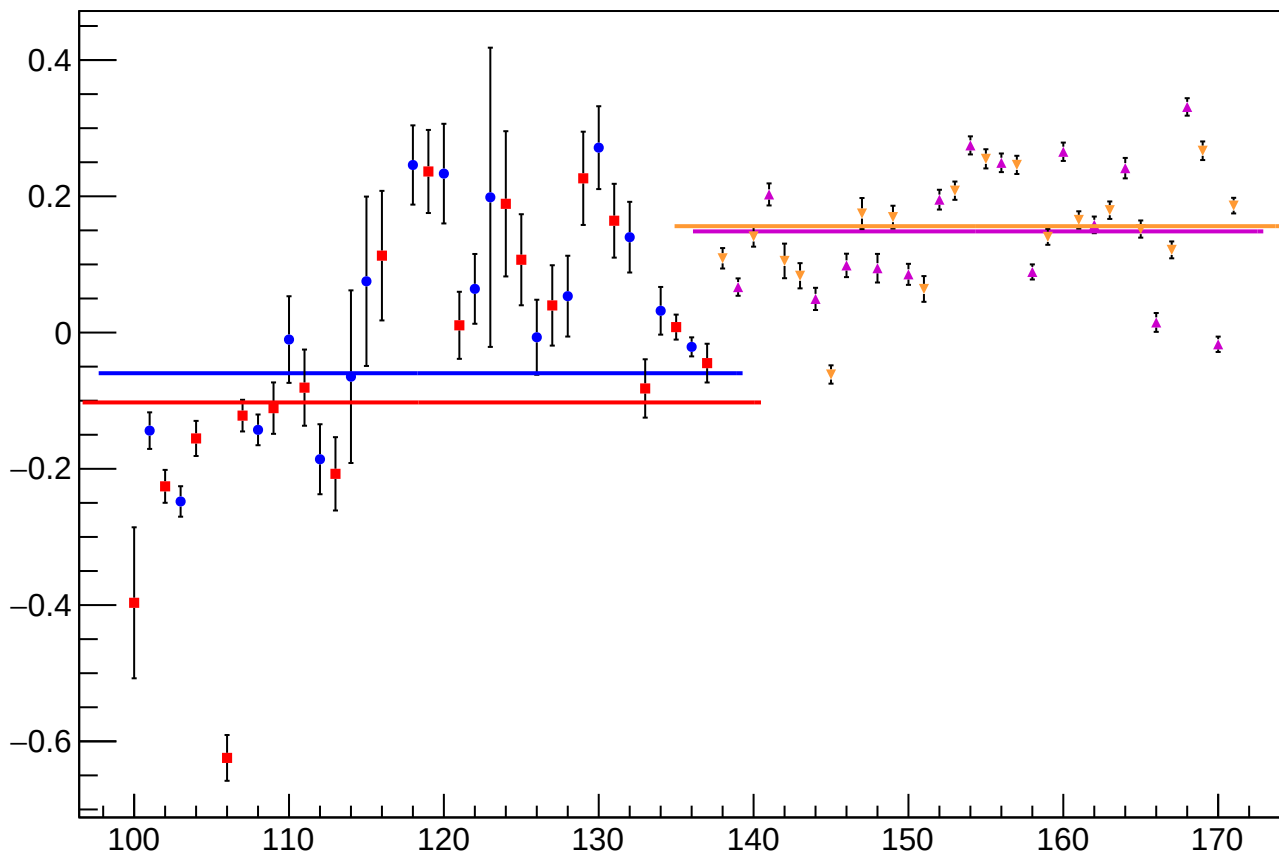
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.688 ± 0.070 χ^2/NDF : 3584.2/32

Out: -7.943 ± 0.068 χ^2/NDF : 3080.5/36

All: -7.820 ± 0.049 χ^2/NDF : 6671.5/69

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: 0.156 ± 0.003 χ^2/NDF : 513.6/17

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.149 ± 0.003 χ^2/NDF : 931.3/15

Left: 0.152 ± 0.002 χ^2/NDF : 1447.4/33

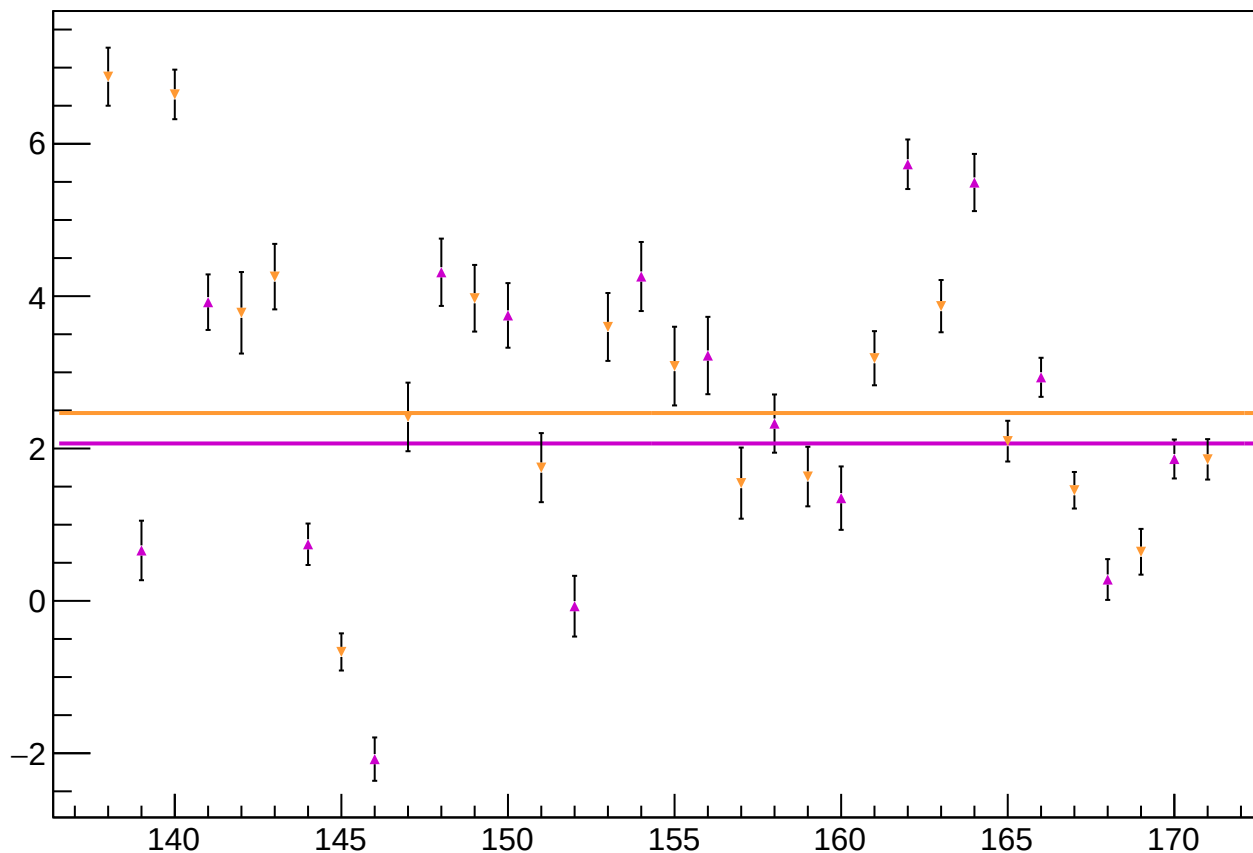
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.118 ± 0.003 χ^2/NDF : 1673.3/32

Out: 0.121 ± 0.003 χ^2/NDF : 1764.1/36

All: 0.119 ± 0.002 χ^2/NDF : 3437.8/69

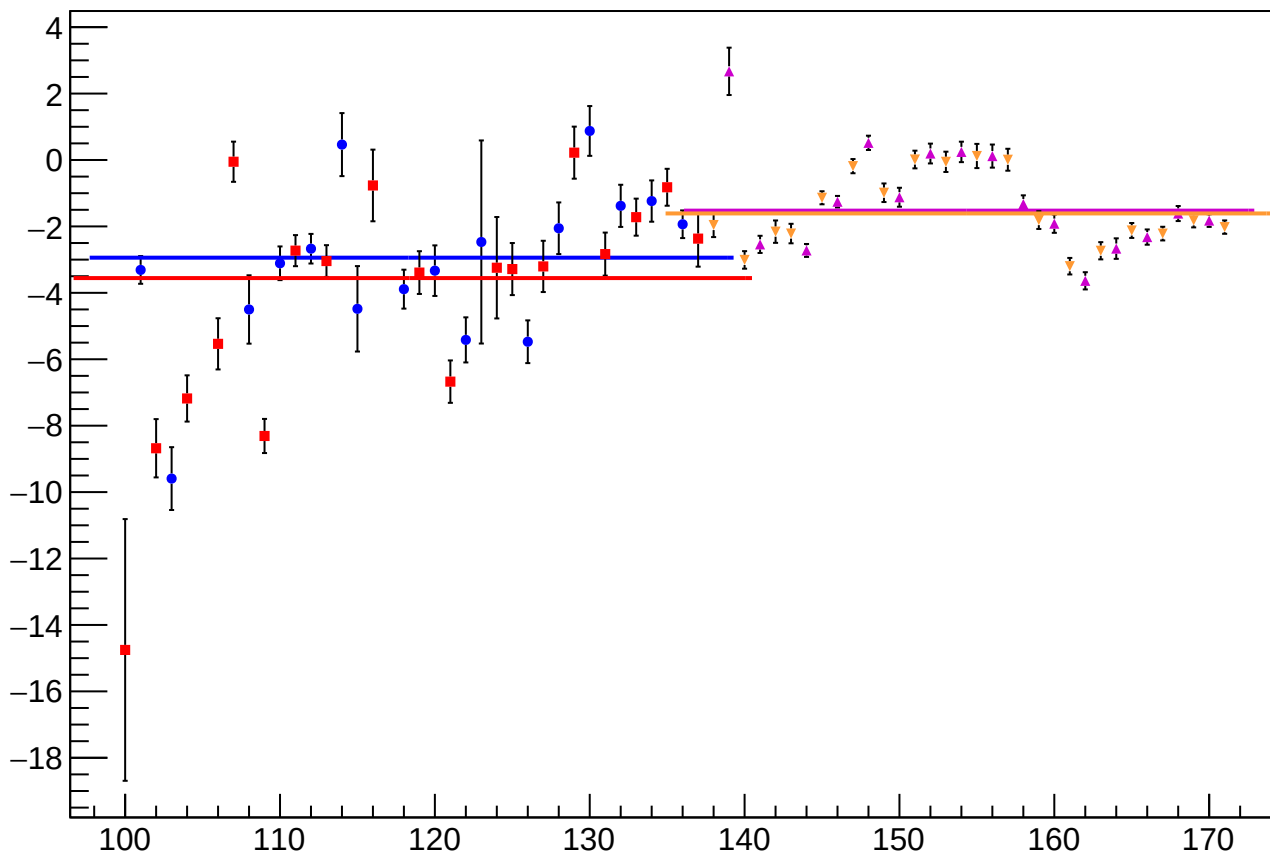
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.466 $\pm$ 0.082 χ^2/NDF :601.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.066 $\pm$ 0.085 χ^2/NDF :643.7/15

Left: 2.274 $\pm$ 0.059 χ^2/NDF : 1256.8/33
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.066 $\pm$ 0.085 χ^2/NDF :643.7/15
 Out: 2.466 $\pm$ 0.082 χ^2/NDF :601.6/17
 All: 2.274 $\pm$ 0.059 χ^2/NDF : 1256.8/33

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.610 ± 0.060 $\chi^2/\text{NDF}: 279.6/17$

Right Out: -3.556 ± 0.155 $\chi^2/\text{NDF}: 291.6/18$

Left In: -1.525 ± 0.062 $\chi^2/\text{NDF}: 368.1/15$

Left: -1.569 ± 0.043 $\chi^2/\text{NDF}: 648.7/33$

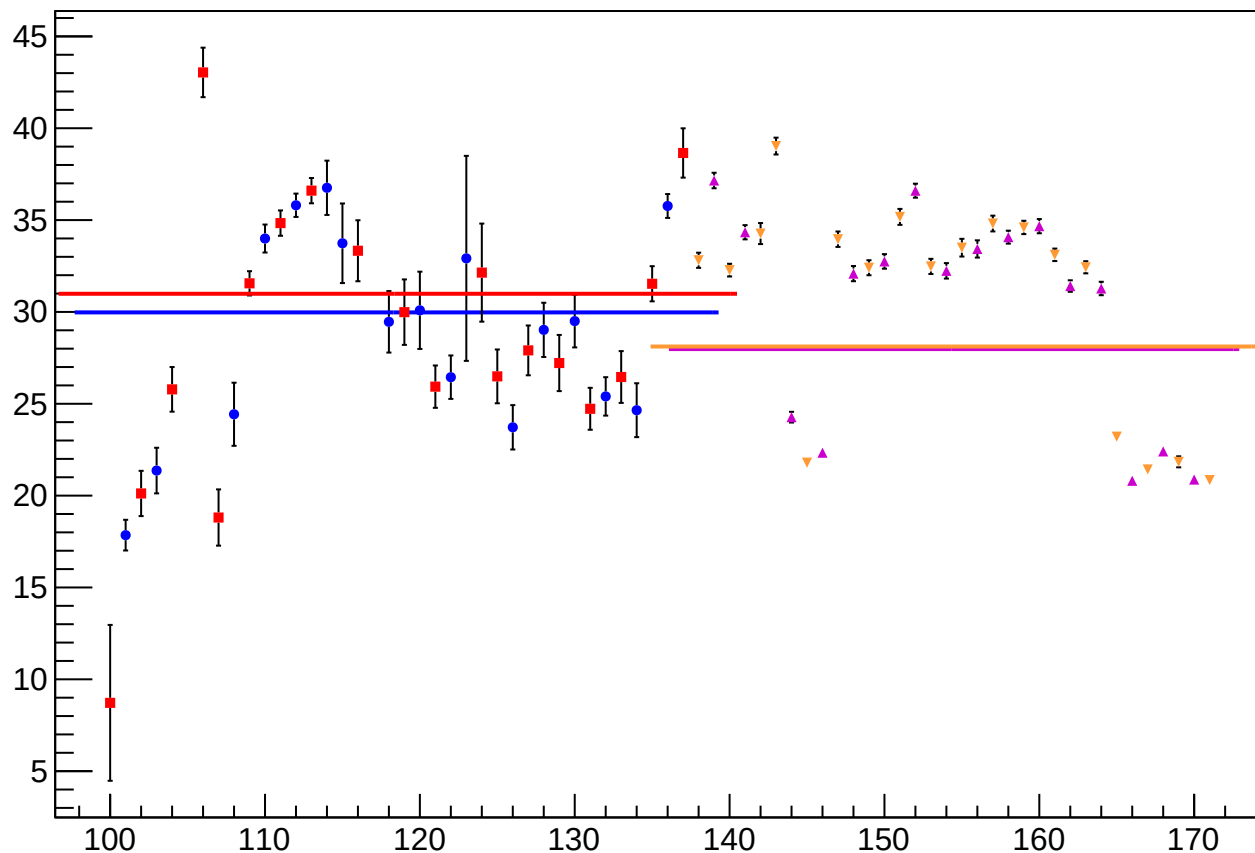
Right: -3.248 ± 0.109 $\chi^2/\text{NDF}: 445.2/35$

In: -1.723 ± 0.058 $\chi^2/\text{NDF}: 586.3/32$

Out: -1.863 ± 0.056 $\chi^2/\text{NDF}: 709.2/36$

All: -1.795 ± 0.040 $\chi^2/\text{NDF}: 1298.6/69$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 28.117 $\pm$ 0.081 χ^2 /NDF: 5560.9/17

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 27.979 $\pm$ 0.084 χ^2 /NDF: 5069.3/15

Left: 28.050 $\pm$ 0.058 χ^2 /NDF: 10631.6/33

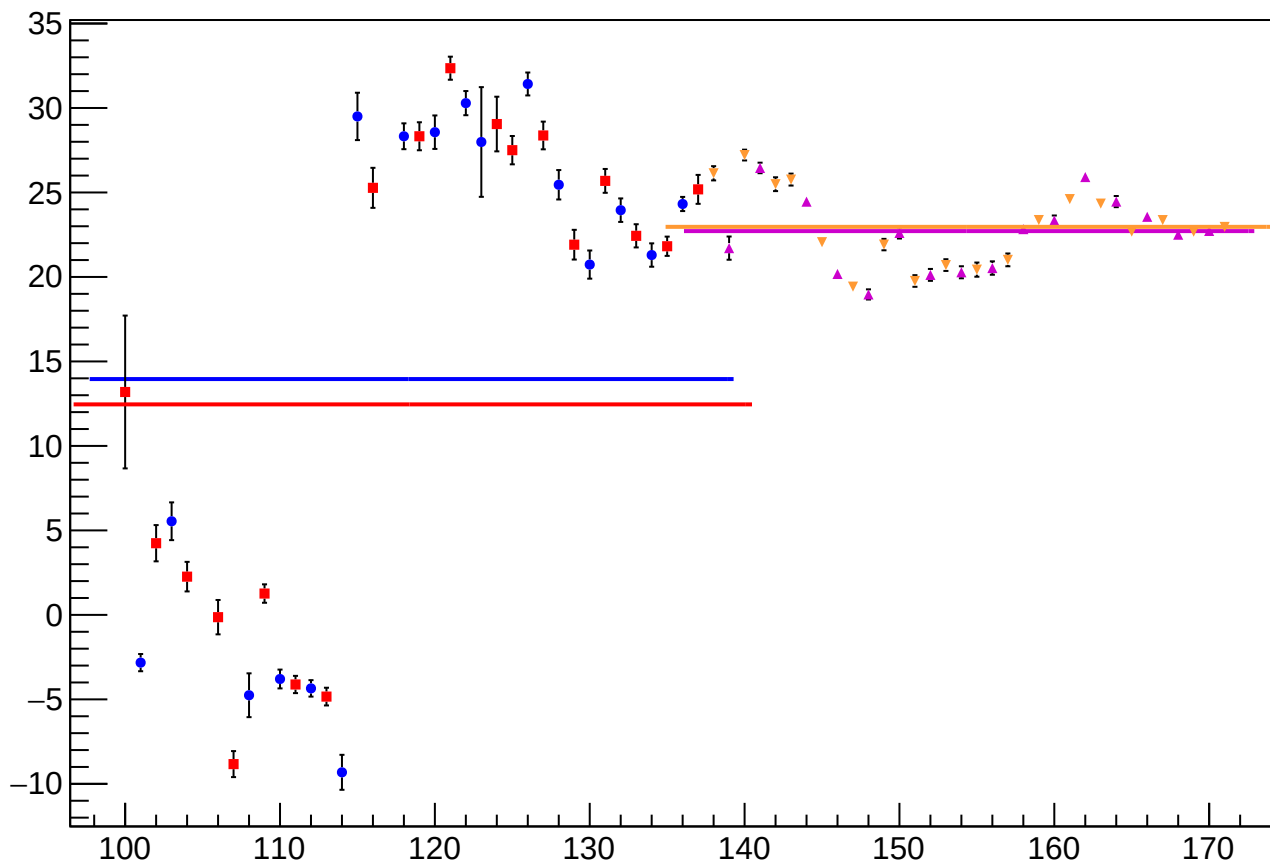
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 28.157 $\pm$ 0.080 χ^2 /NDF: 5674.0/32

Out: 28.374 $\pm$ 0.078 χ^2 /NDF: 6153.0/36

All: 28.268 $\pm$ 0.056 χ^2 /NDF: 11830.8/69

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 $\pm$ 0.068 χ^2 /NDF: 767.5/17

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.713 $\pm$ 0.071 χ^2 /NDF: 807.7/15

Left: 22.845 $\pm$ 0.049 χ^2 /NDF: 1581.7/33

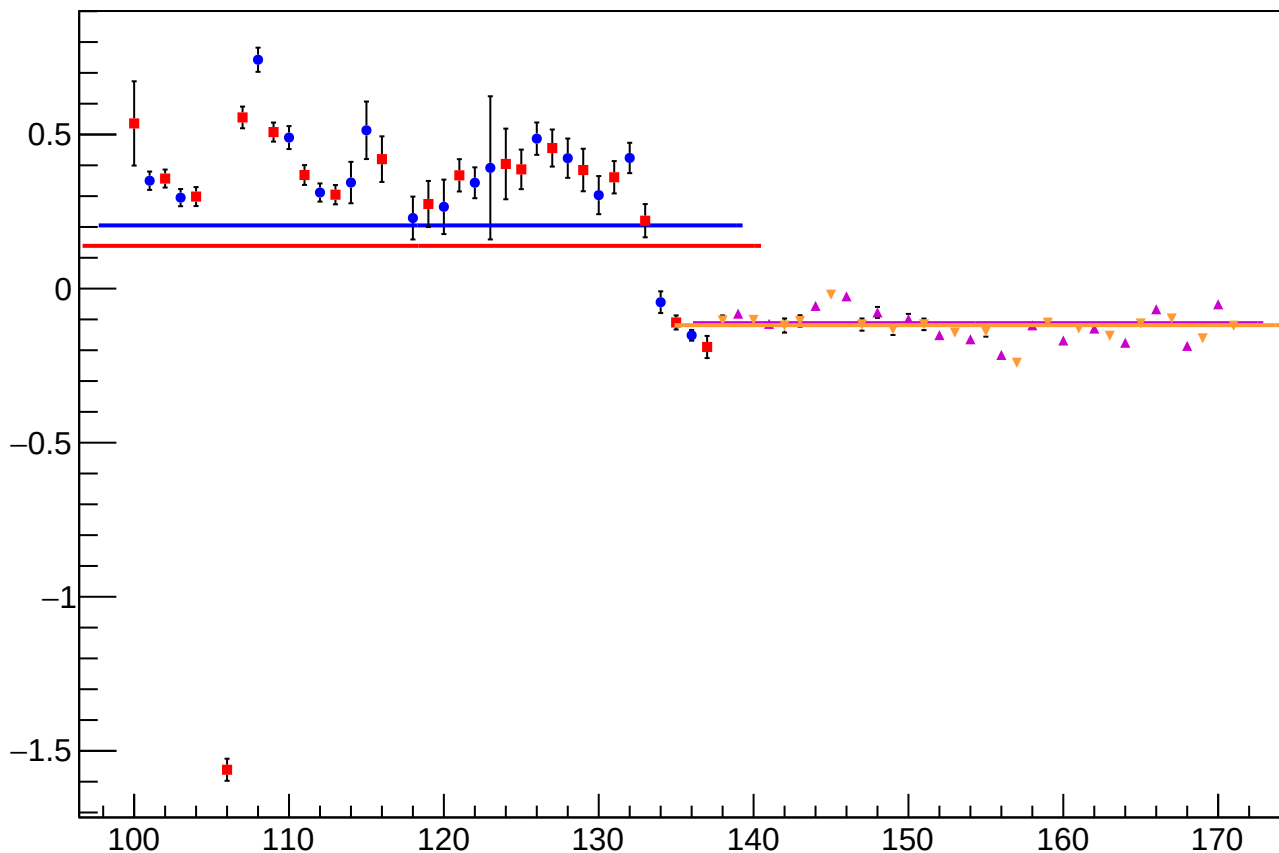
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.428 $\pm$ 0.066 χ^2 /NDF: 10360.0/32

Out: 21.552 $\pm$ 0.064 χ^2 /NDF: 10917.6/36

All: 21.492 $\pm$ 0.046 χ^2 /NDF: 21279.4/69

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: -0.119 ± 0.003 χ^2/NDF : 200.7/17

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

Left In: -0.112 ± 0.003 χ^2/NDF : 284.6/15

Left: -0.116 ± 0.002 χ^2/NDF : 487.3/33

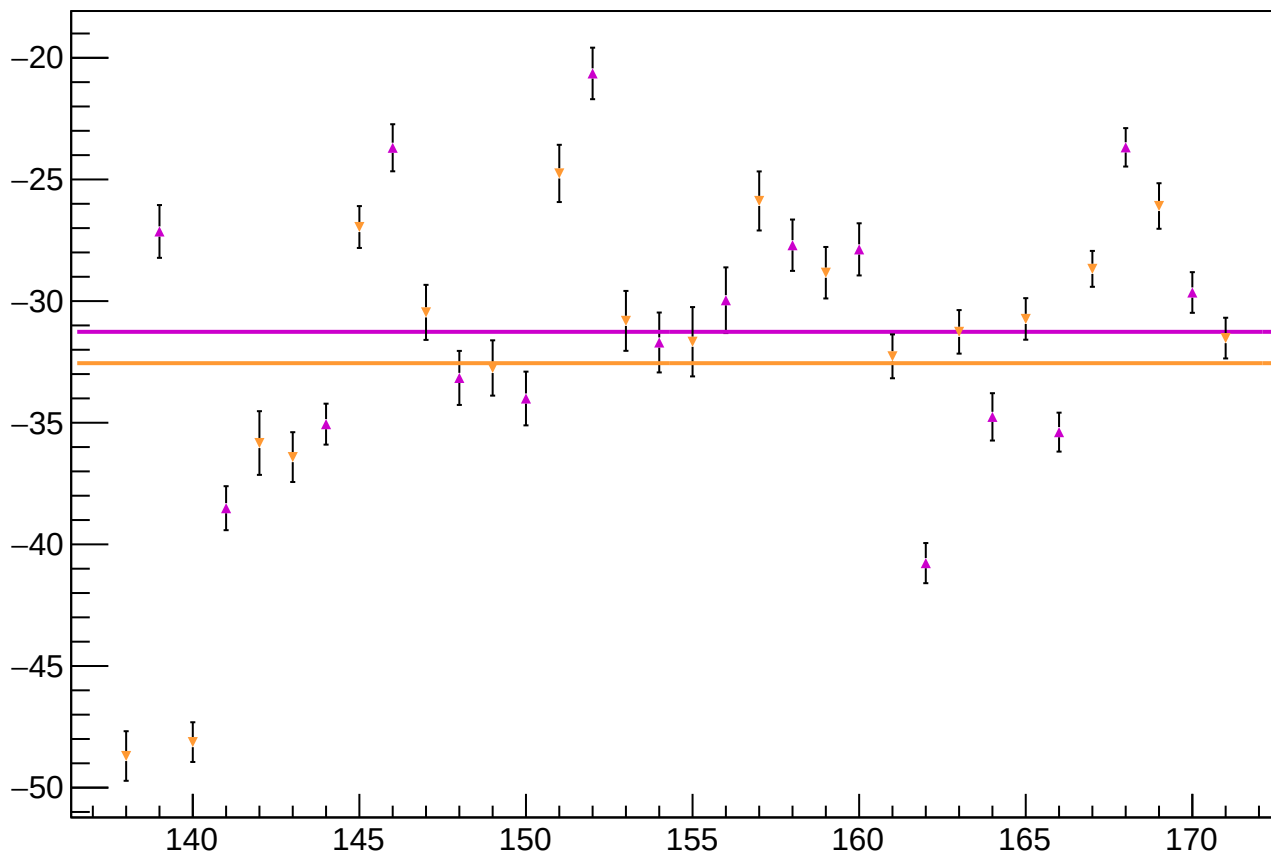
Right: 0.171 ± 0.007 χ^2/NDF : 3888.5/35

In: -0.077 ± 0.003 χ^2/NDF : 2150.0/32

Out: -0.091 ± 0.003 χ^2/NDF : 3917.9/36

All: -0.085 ± 0.002 χ^2/NDF : 6079.0/69

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: -32.552 ± 0.232 χ^2/NDF : 853.5/17

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -31.263 ± 0.241 χ^2/NDF : 560.5/15

Left: -31.933 ± 0.167 χ^2/NDF : 1428.8/33

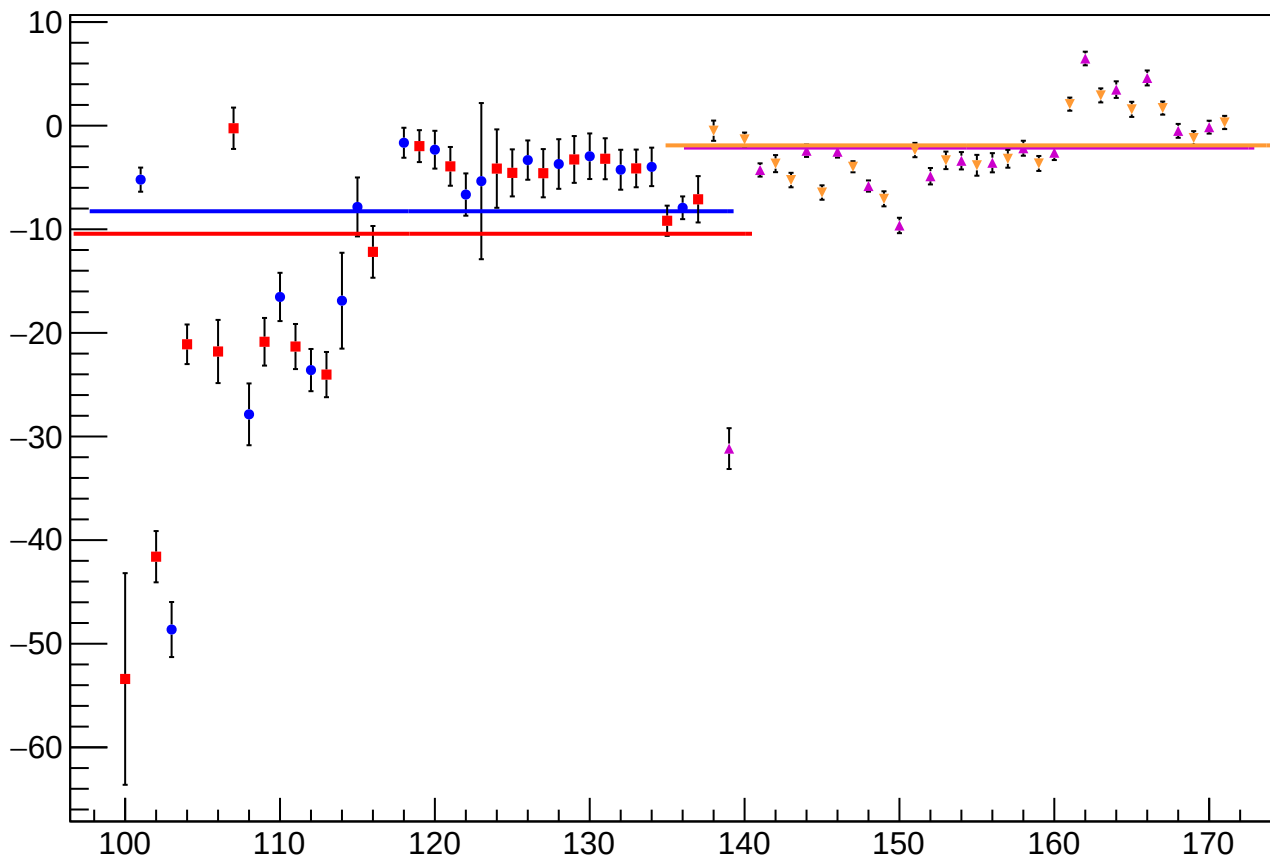
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -31.263 ± 0.241 χ^2/NDF : 560.5/15

Out: -32.552 ± 0.232 χ^2/NDF : 853.5/17

All: -31.933 ± 0.167 χ^2/NDF : 1428.8/33

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -1.904 ± 0.167 $\chi^2/\text{NDF}: 311.6/17$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -2.118 ± 0.175 $\chi^2/\text{NDF}: 717.8/15$

Left: -2.006 ± 0.121 $\chi^2/\text{NDF}: 1030.1/33$

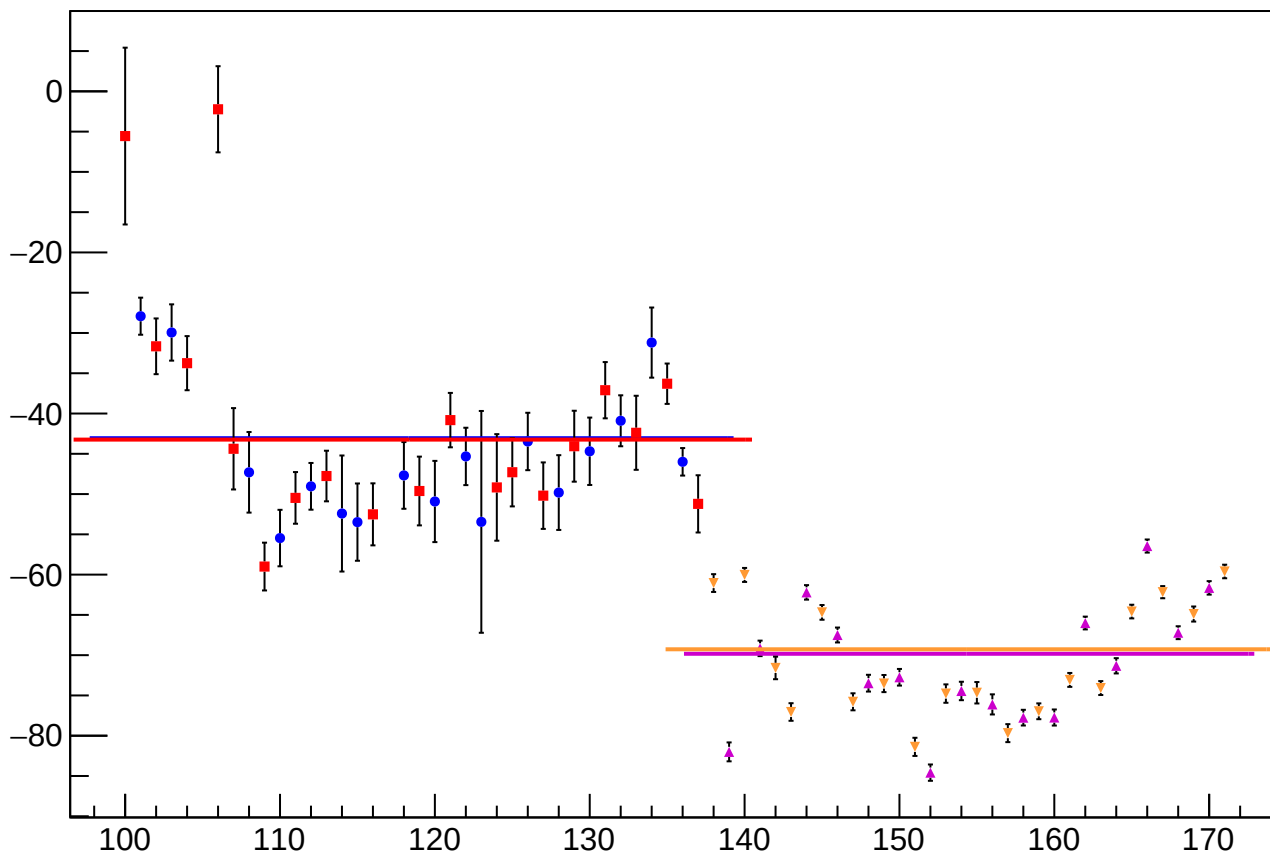
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -2.891 ± 0.164 $\chi^2/\text{NDF}: 1283.8/32$

Out: -2.791 ± 0.158 $\chi^2/\text{NDF}: 1011.1/36$

All: -2.839 ± 0.114 $\chi^2/\text{NDF}: 2295.1/69$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

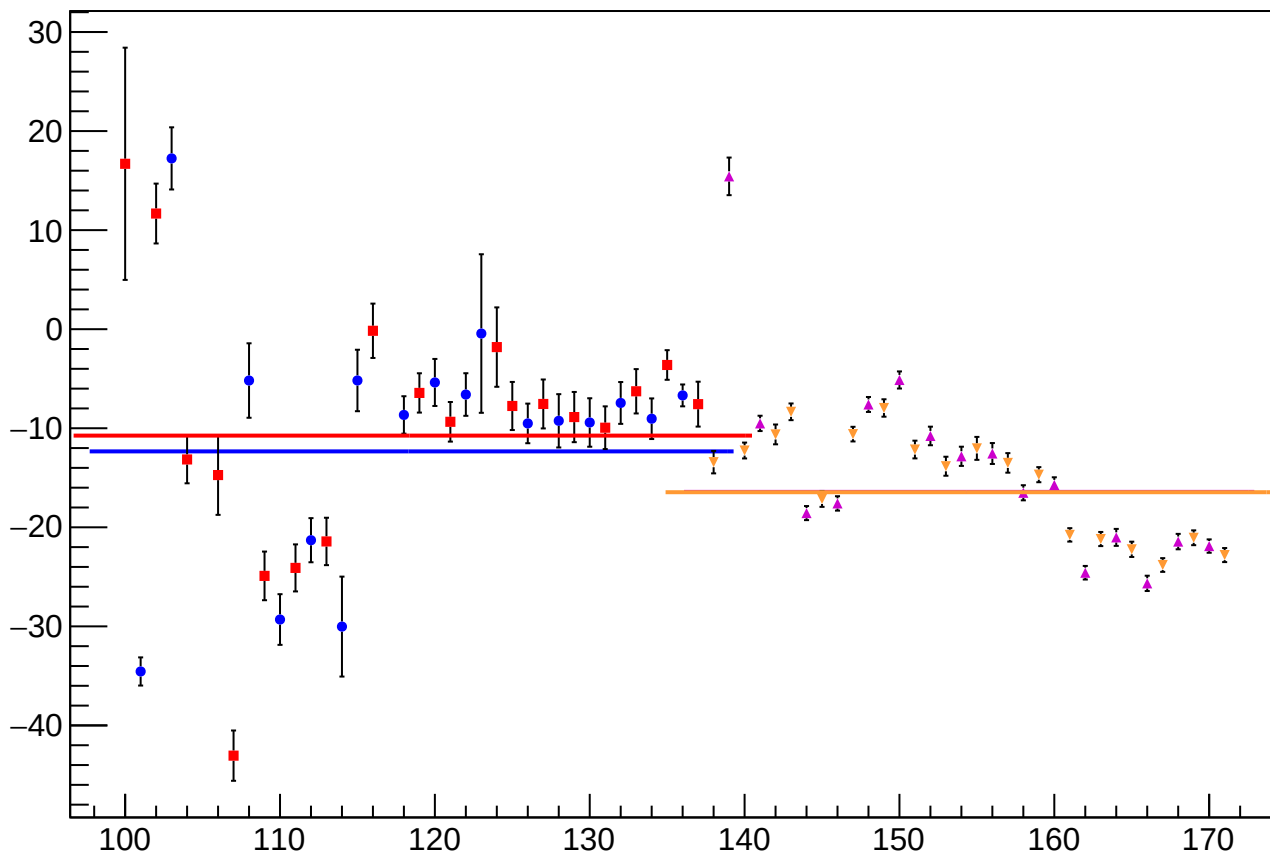


Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -69.270 ± 0.231 $\chi^2/\text{NDF}: 927.0/17$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -69.827 ± 0.238 $\chi^2/\text{NDF}: 991.1/15$

Left: -69.540 ± 0.166 $\chi^2/\text{NDF}: 1920.9/33$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -67.822 ± 0.229 $\chi^2/\text{NDF}: 2039.7/32$
 Out: -67.547 ± 0.223 $\chi^2/\text{NDF}: 1925.0/36$

All: -67.681 ± 0.160 $\chi^2/\text{NDF}: 3965.5/69$

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: -16.457 ± 0.193 χ^2/NDF : 749.0/17

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -16.424 ± 0.202 χ^2/NDF : 1165.1/15

Left: -16.441 ± 0.140 χ^2/NDF : 1914.2/33

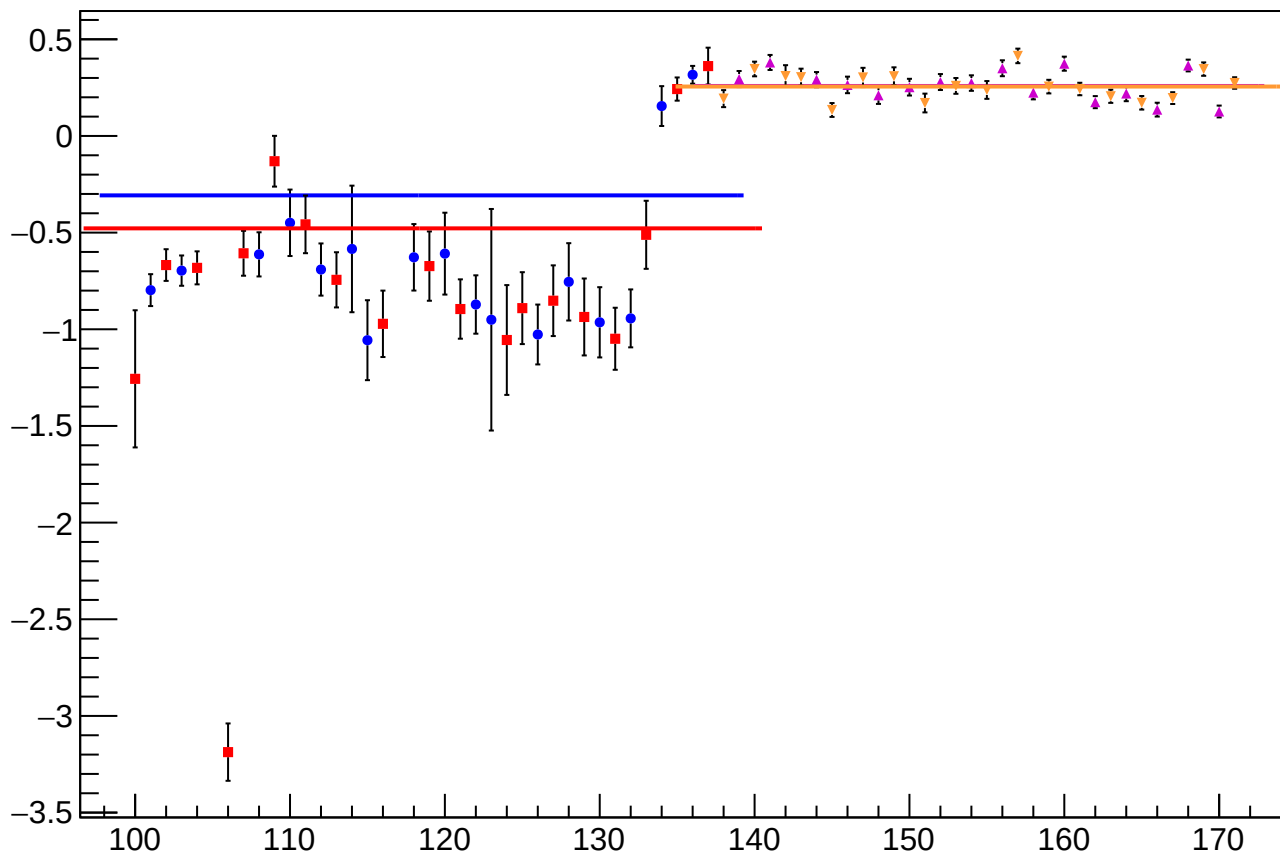
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -15.887 ± 0.189 χ^2/NDF : 1693.9/32

Out: -15.839 ± 0.182 χ^2/NDF : 1211.1/36

All: -15.862 ± 0.131 χ^2/NDF : 2905.0/69

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: 0.256 ± 0.009 χ^2/NDF : 63.5/17

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/15

Left: 0.257 ± 0.006 χ^2/NDF : 142.9/33

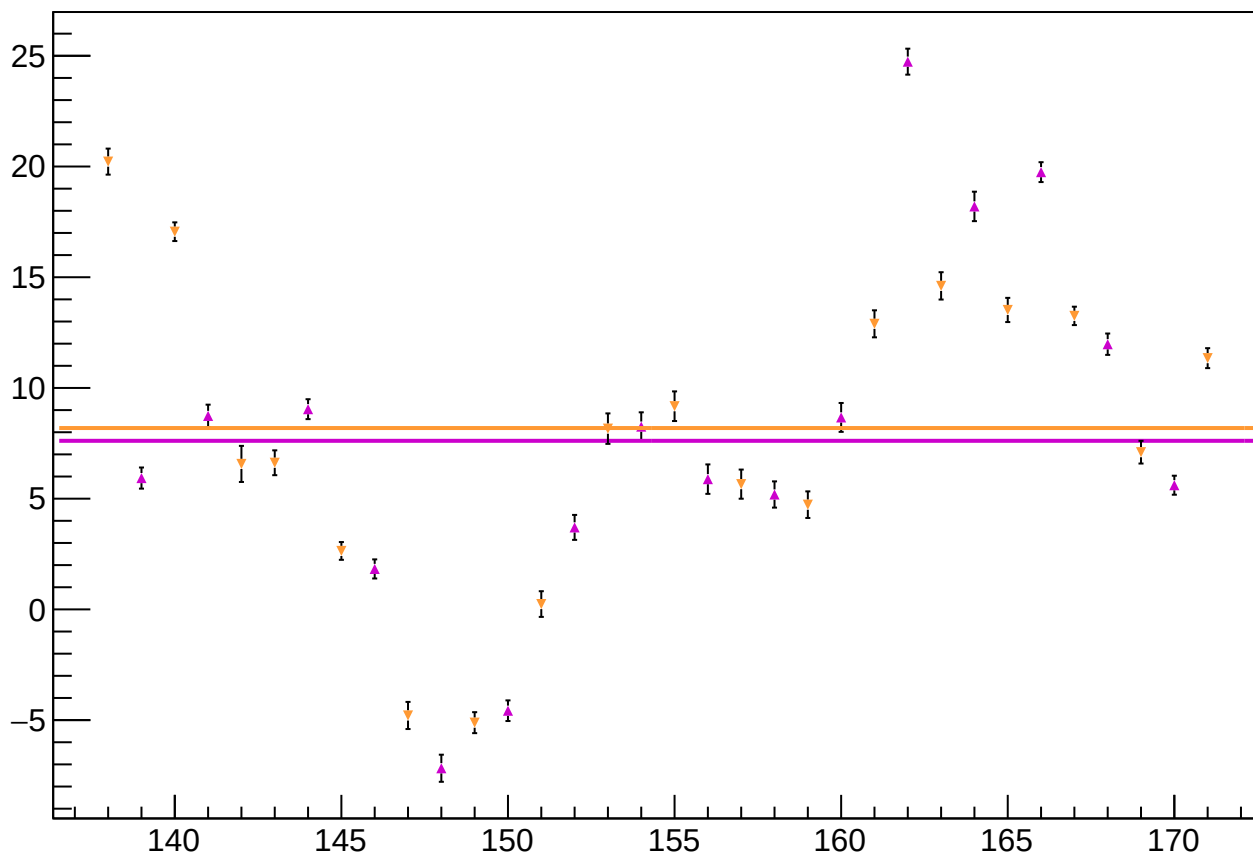
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.200 ± 0.009 χ^2/NDF : 830.3/32

Out: 0.189 ± 0.009 χ^2/NDF : 1296.4/36

All: 0.194 ± 0.006 χ^2/NDF : 2127.5/69

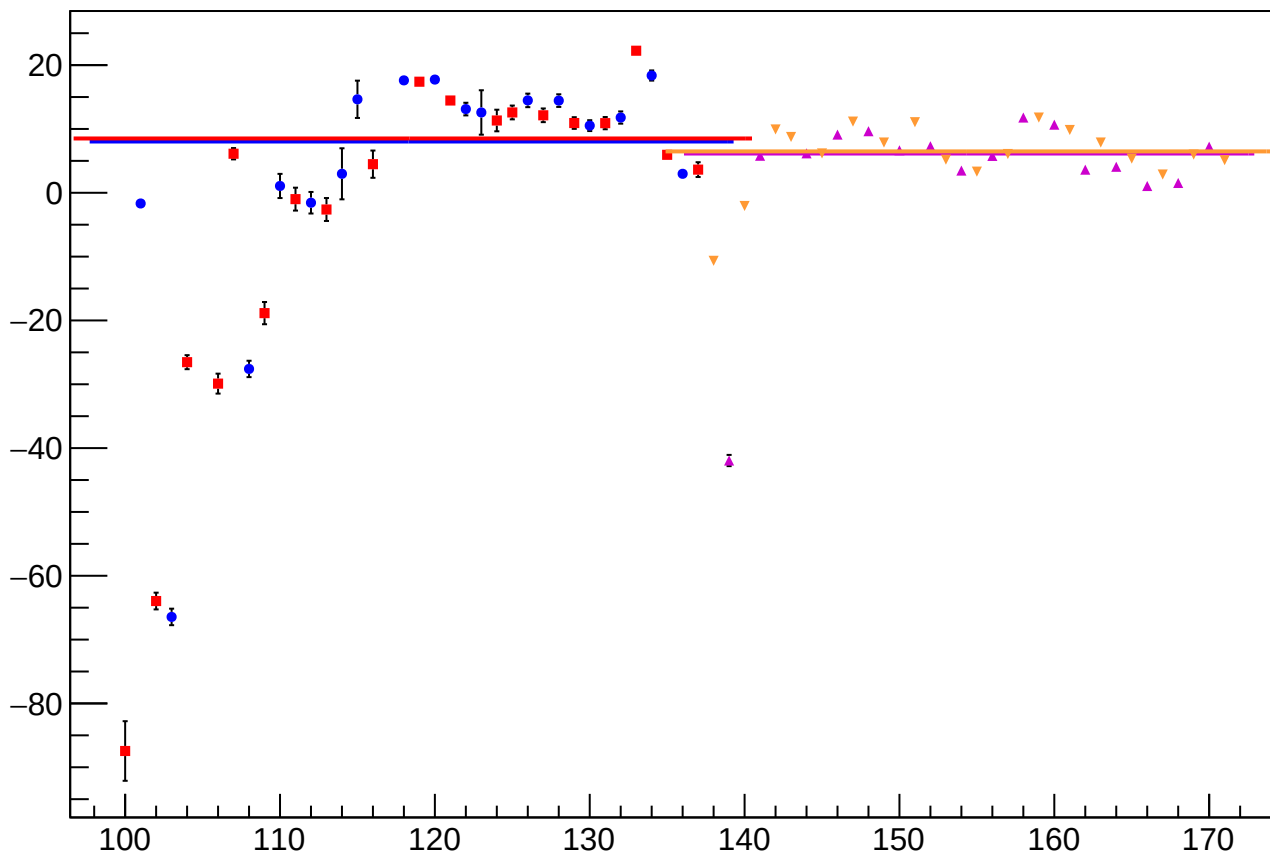
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.190+/-0.127 χ^2/NDF :3004.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.613+/-0.130 χ^2/NDF :3490.7/15

Left: 7.909+/-0.091 χ^2/NDF : 6505.3/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.613+/-0.130 χ^2/NDF :3490.7/15
 Out: 8.190+/-0.127 χ^2/NDF :3004.5/17
 All: 7.909+/-0.091 χ^2/NDF : 6505.3/33

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: 6.483 ± 0.092 χ^2/NDF : 2368.0/17

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.151 ± 0.096 χ^2/NDF : 3926.0/15

Left: 6.325 ± 0.066 χ^2/NDF : 6300.3/33

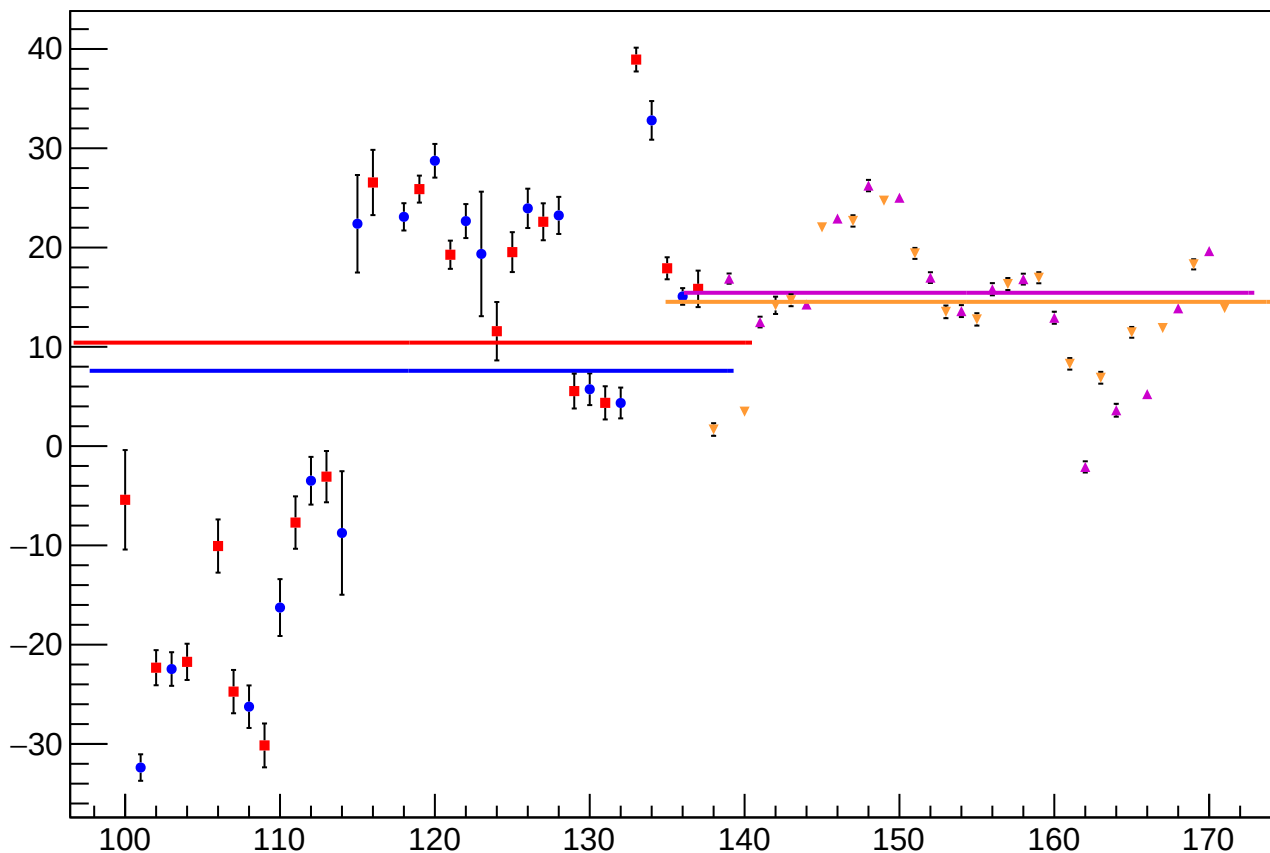
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.463 ± 0.088 χ^2/NDF : 9360.1/32

Out: 6.799 ± 0.084 χ^2/NDF : 9157.7/36

All: 6.638 ± 0.061 χ^2/NDF : 18525.5/69

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 14.531 ± 0.126 χ^2/NDF : 2580.2/17

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 15.444 ± 0.129 χ^2/NDF : 3149.0/15

Left: 14.979 ± 0.090 χ^2/NDF : 5754.9/33

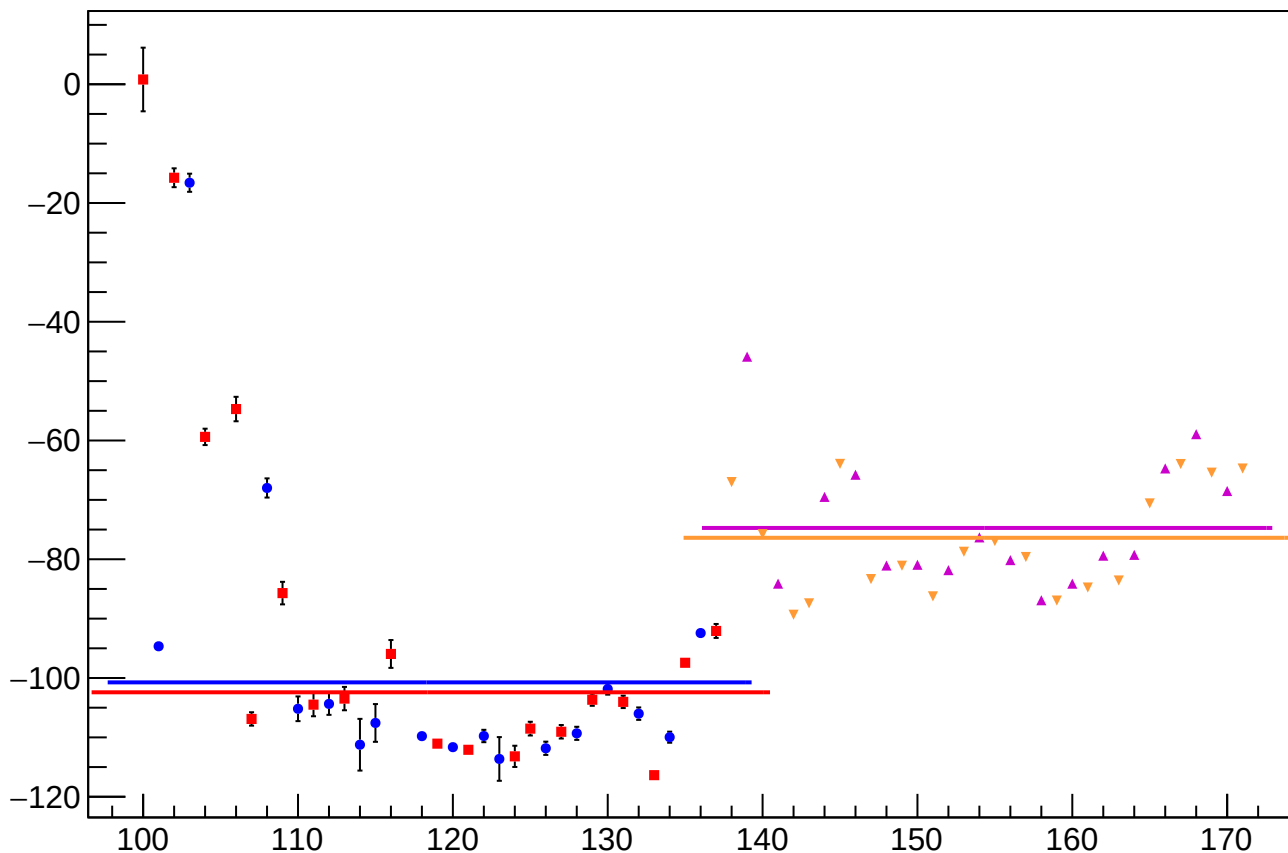
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 14.759 ± 0.123 χ^2/NDF : 5797.1/32

Out: 14.185 ± 0.121 χ^2/NDF : 4959.0/36

All: 14.467 ± 0.086 χ^2/NDF : 10767.2/69

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: -76.385 ± 0.106 $\chi^2/\text{NDF}: 7239.2/17$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -74.728 ± 0.111 $\chi^2/\text{NDF}: 6637.7/15$

Left: -75.591 ± 0.077 $\chi^2/\text{NDF}: 13993.9/33$

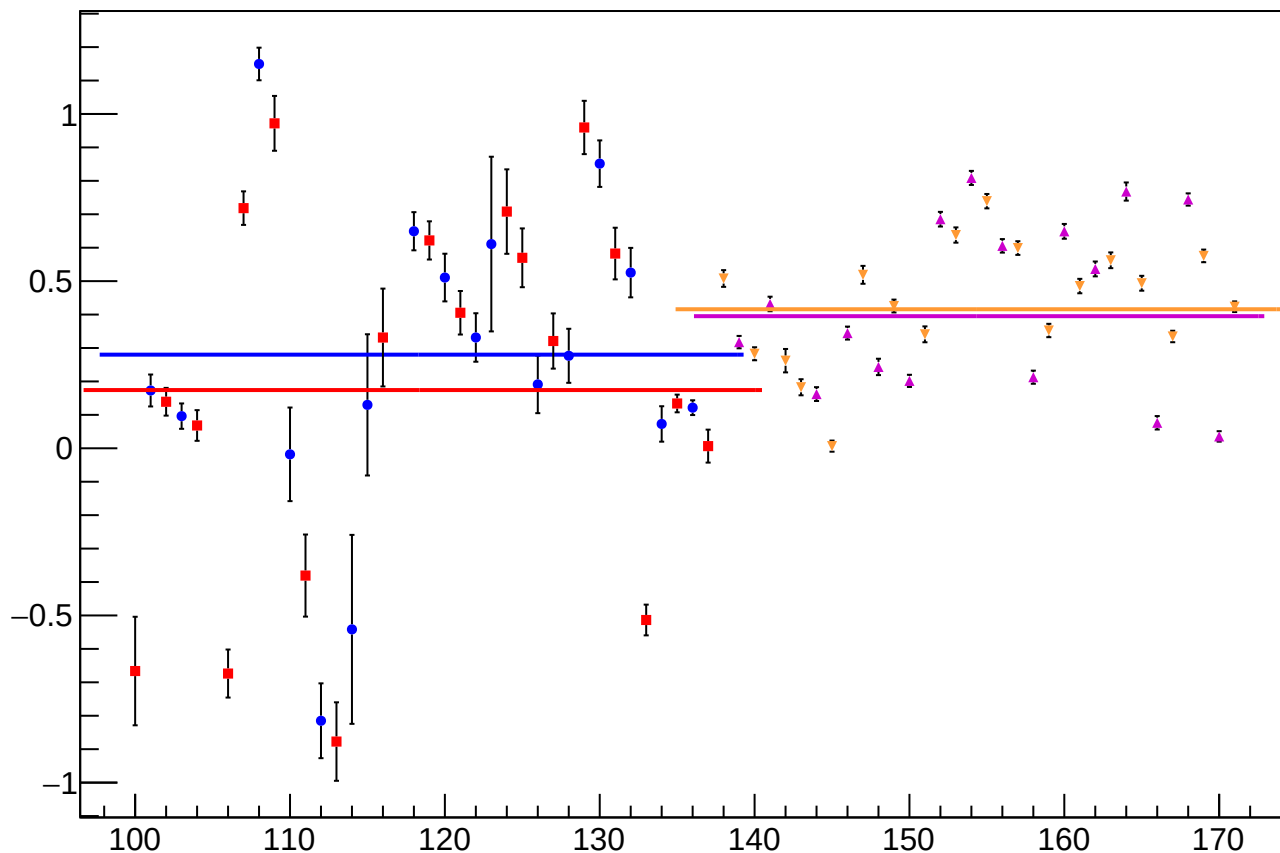
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -79.034 ± 0.101 $\chi^2/\text{NDF}: 20312.8/32$

Out: -80.473 ± 0.097 $\chi^2/\text{NDF}: 22770.5/36$

All: -79.780 ± 0.070 $\chi^2/\text{NDF}: 43188.5/69$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.416 ± 0.005 χ^2/NDF : 1367.3/17

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.395 ± 0.005 χ^2/NDF : 2561.1/15

Left: 0.406 ± 0.004 χ^2/NDF : 3937.0/33

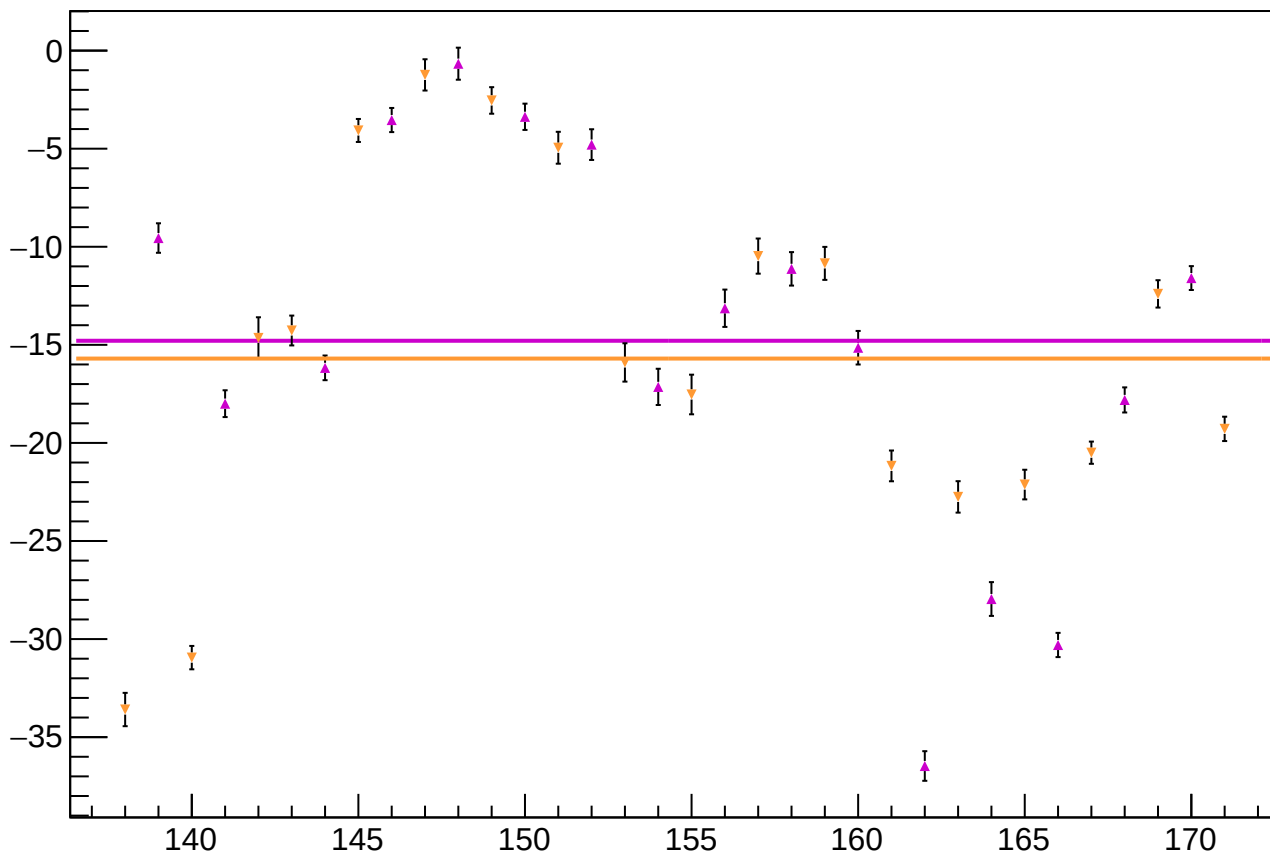
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.381 ± 0.005 χ^2/NDF : 3281.4/32

Out: 0.387 ± 0.005 χ^2/NDF : 2616.7/36

All: 0.384 ± 0.003 χ^2/NDF : 5899.0/69

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: -15.700+/-0.176 χ^2/NDF : 2773.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.792+/-0.182 χ^2/NDF : 2928.8/15

Left: -15.261+/-0.126 χ^2/NDF : 5715.7/33

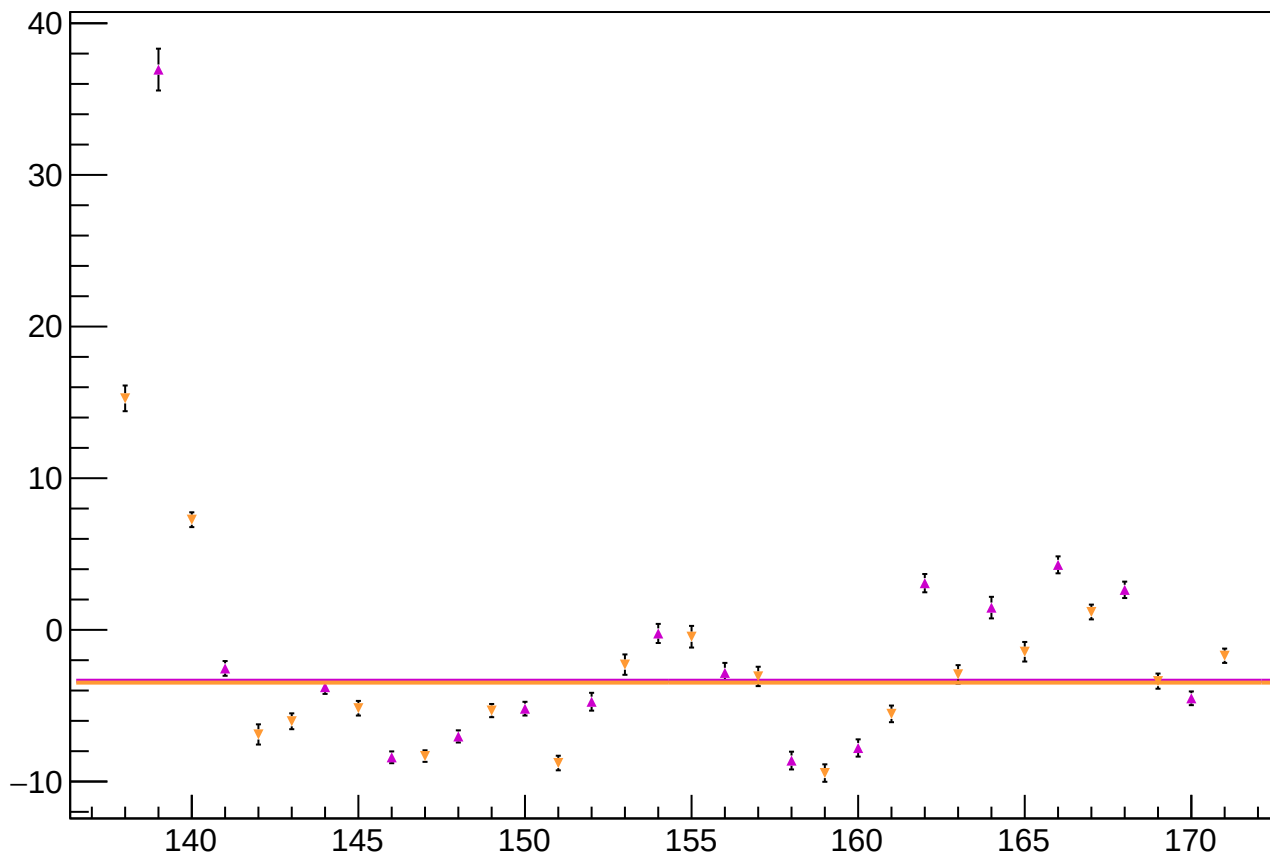
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.792+/-0.182 χ^2/NDF : 2928.8/15

Out: -15.700+/-0.176 χ^2/NDF : 2773.9/17

All: -15.261+/-0.126 χ^2/NDF : 5715.7/33

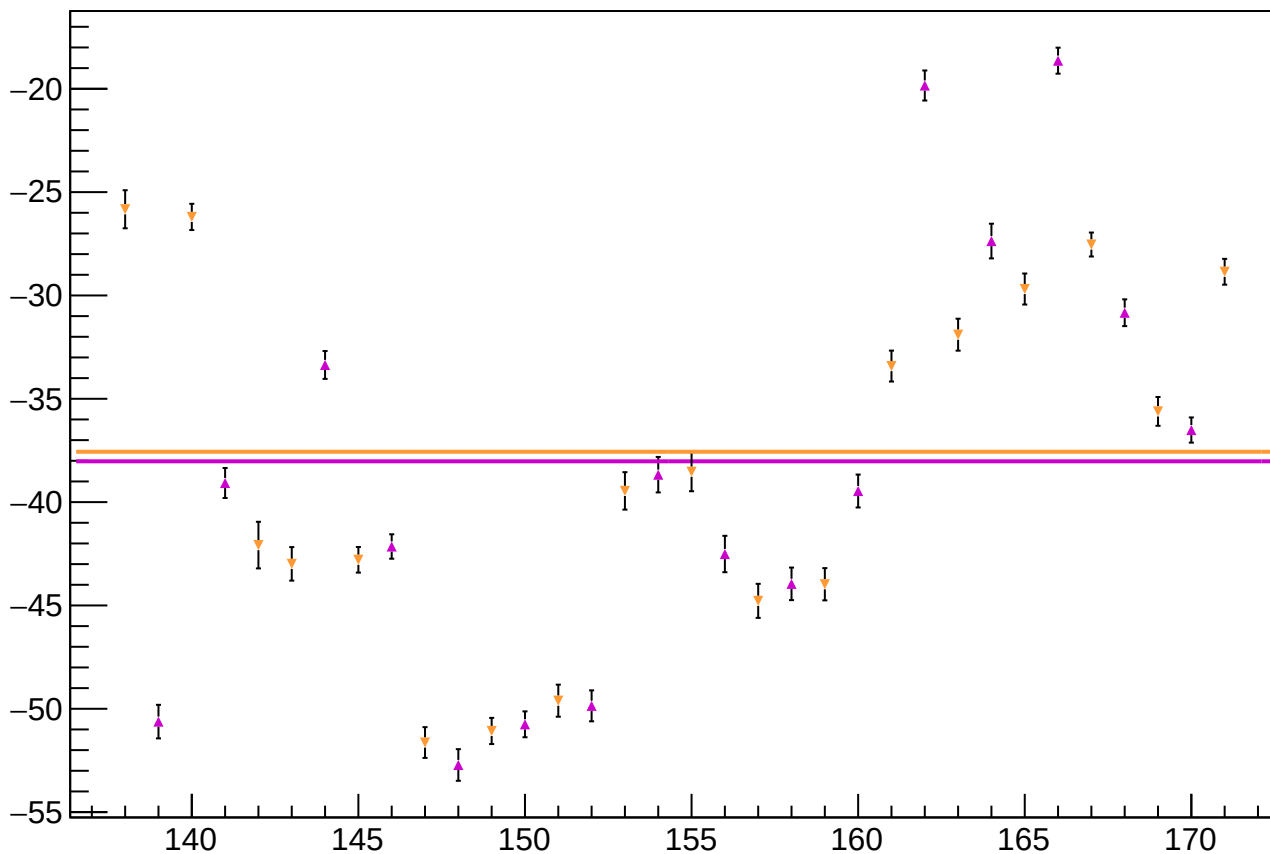
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.478 $\pm$ 0.126 χ^2 /NDF:1594.1/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.354 $\pm$ 0.132 χ^2 /NDF:1773.8/15

Left: -3.419 $\pm$ 0.091 χ^2 /NDF: 3368.4/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.354 $\pm$ 0.132 χ^2 /NDF:1773.8/15
 Out: -3.478 $\pm$ 0.126 χ^2 /NDF:1594.1/17
 All: -3.419 $\pm$ 0.091 χ^2 /NDF: 3368.4/33

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: -37.563+/-0.175 χ^2/NDF :2513.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.025+/-0.179 χ^2/NDF :3320.7/15

Left: -37.789+/-0.125 χ^2/NDF : 5837.4/33

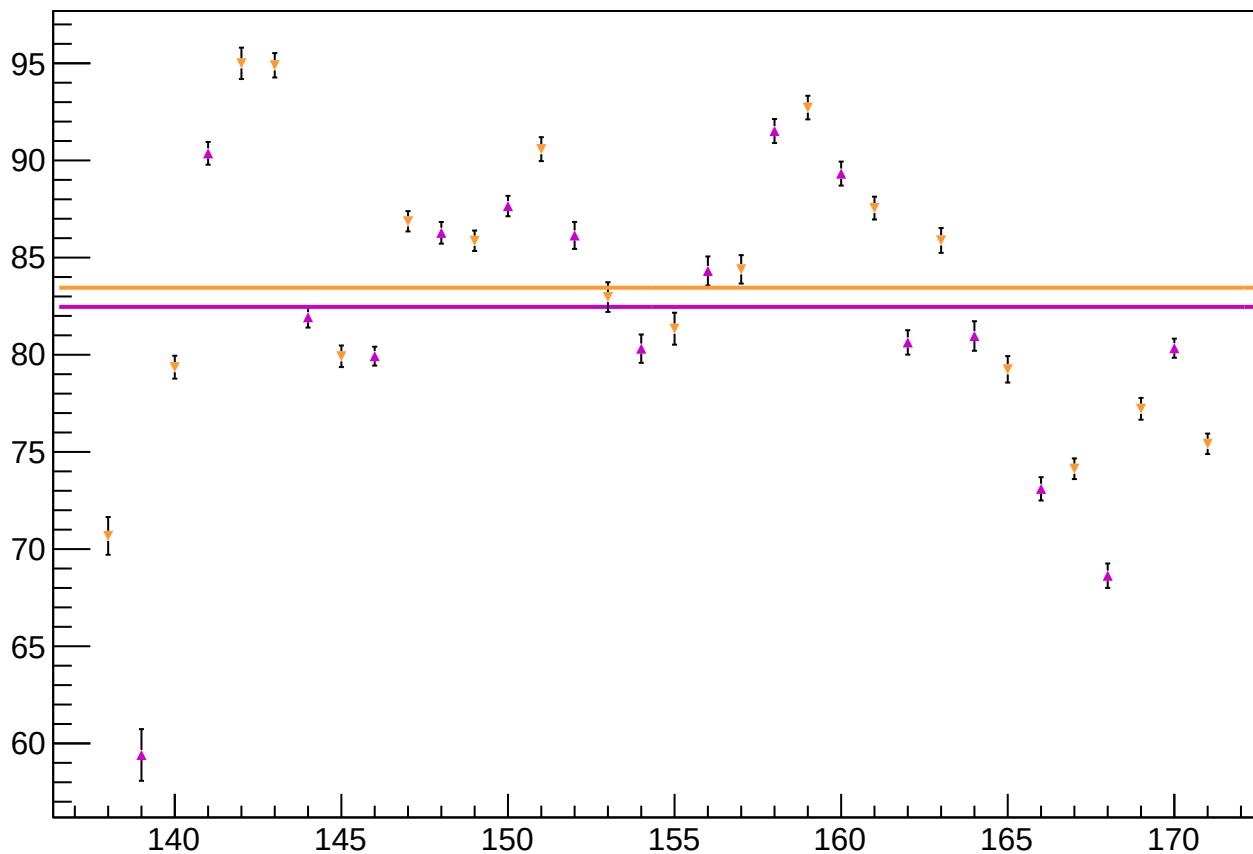
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.025+/-0.179 χ^2/NDF :3320.7/15

Out: -37.563+/-0.175 χ^2/NDF :2513.3/17

All: -37.789+/-0.125 χ^2/NDF : 5837.4/33

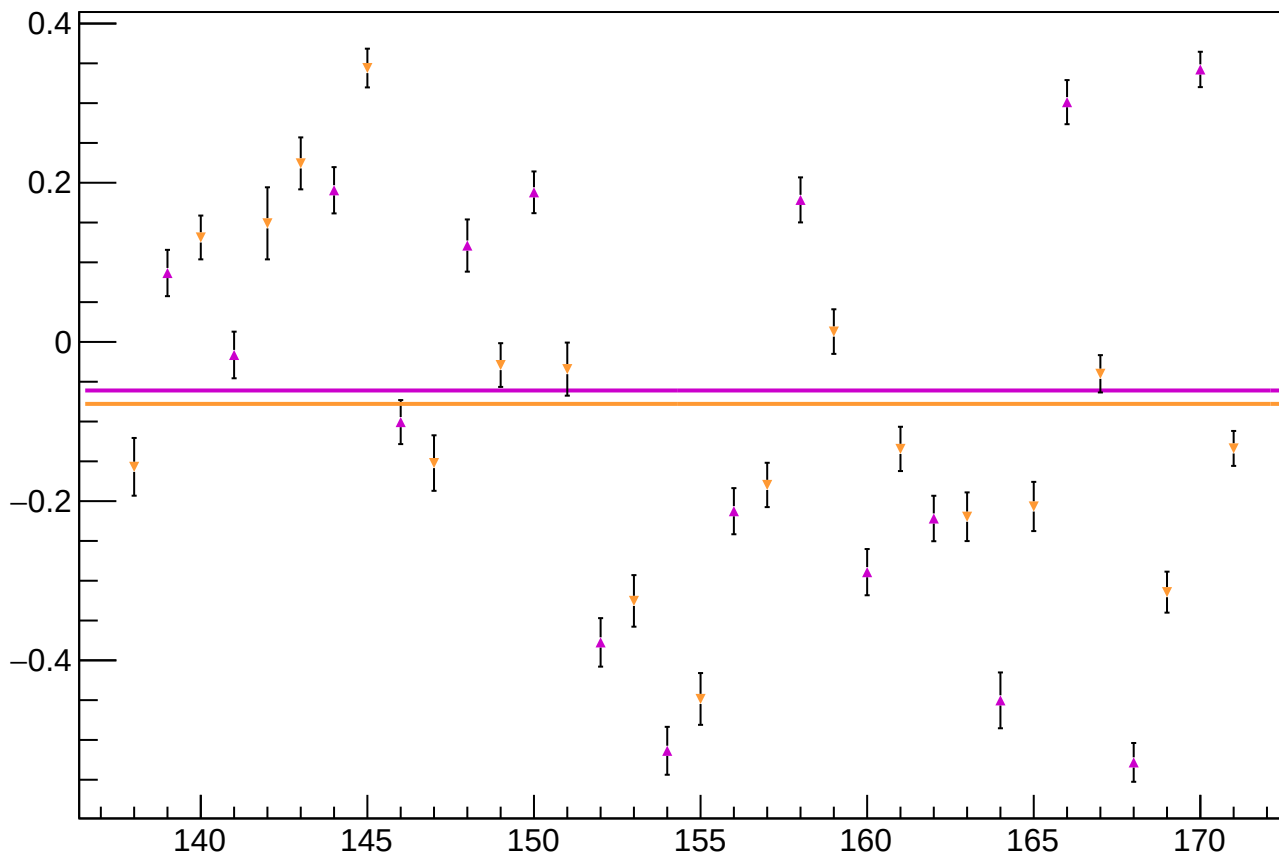
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 83.451 $\pm$ 0.146 χ^2 /NDF:2004.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 82.463 $\pm$ 0.153 χ^2 /NDF:1795.4/15

Left: 82.979 $\pm$ 0.106 χ^2 /NDF: 3821.4/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 82.463 $\pm$ 0.153 χ^2 /NDF:1795.4/15
 Out: 83.451 $\pm$ 0.146 χ^2 /NDF:2004.2/17
 All: 82.979 $\pm$ 0.106 χ^2 /NDF: 3821.4/33

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.078+/-0.007 χ^2/NDF : 831.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.061+/-0.007 χ^2/NDF : 1744.0/15

Left: -0.070+/-0.005 χ^2/NDF : 2578.6/33

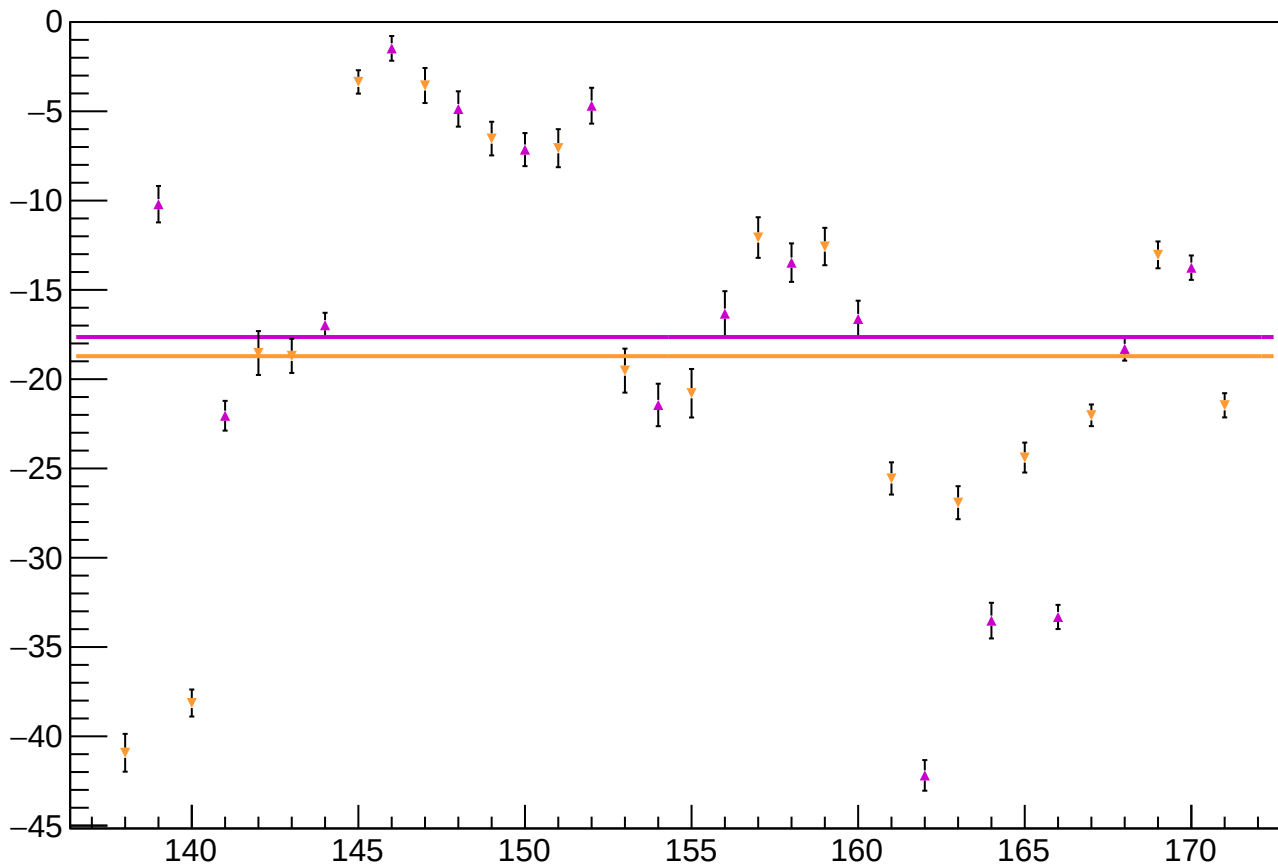
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.061+/-0.007 χ^2/NDF : 1744.0/15

Out: -0.078+/-0.007 χ^2/NDF : 831.7/17

All: -0.070+/-0.005 χ^2/NDF : 2578.6/33

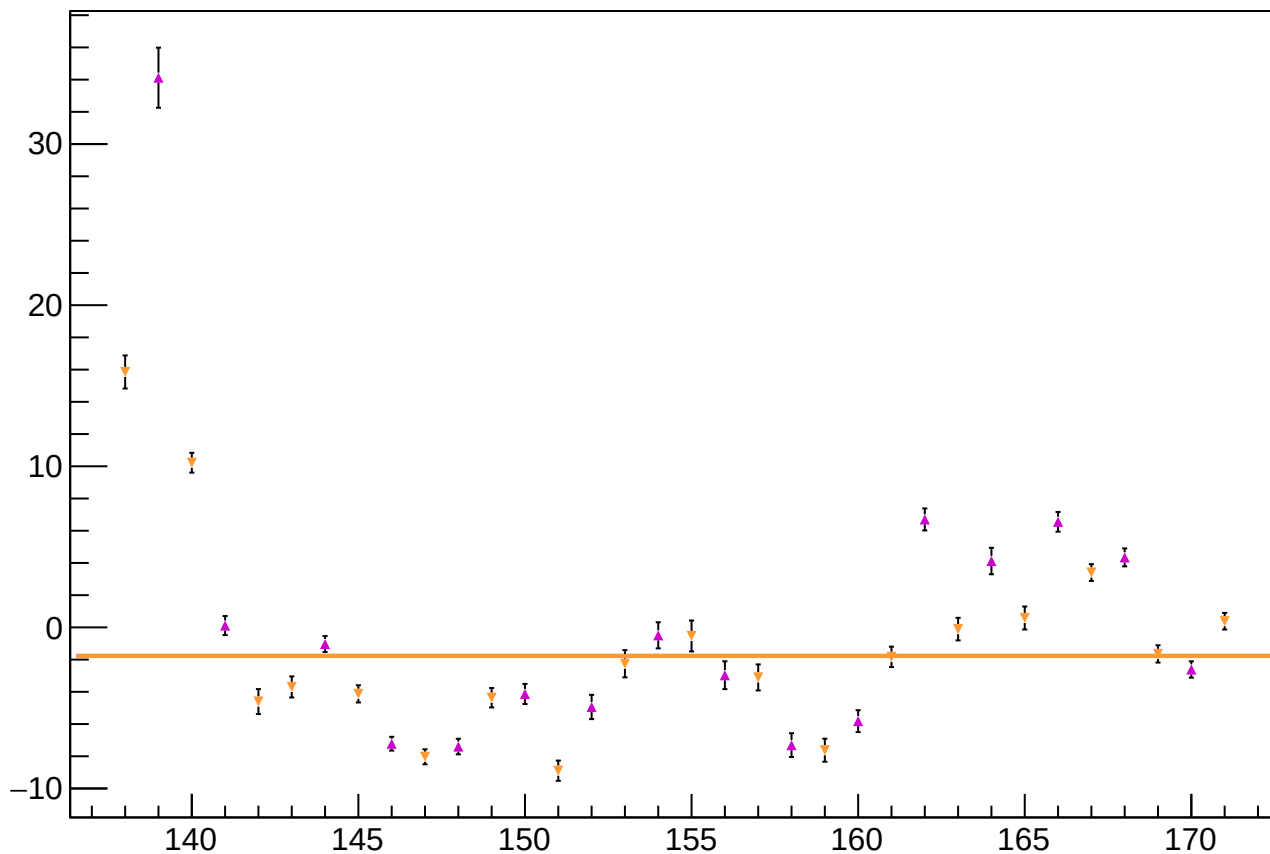
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.713+/-0.208 χ^2/NDF :2530.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.641+/-0.214 χ^2/NDF :2758.7/15

Left: -18.192+/-0.149 χ^2/NDF : 5302.6/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.641+/-0.214 χ^2/NDF :2758.7/15
 Out: -18.713+/-0.208 χ^2/NDF :2530.9/17
 All: -18.192+/-0.149 χ^2/NDF : 5302.6/33

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



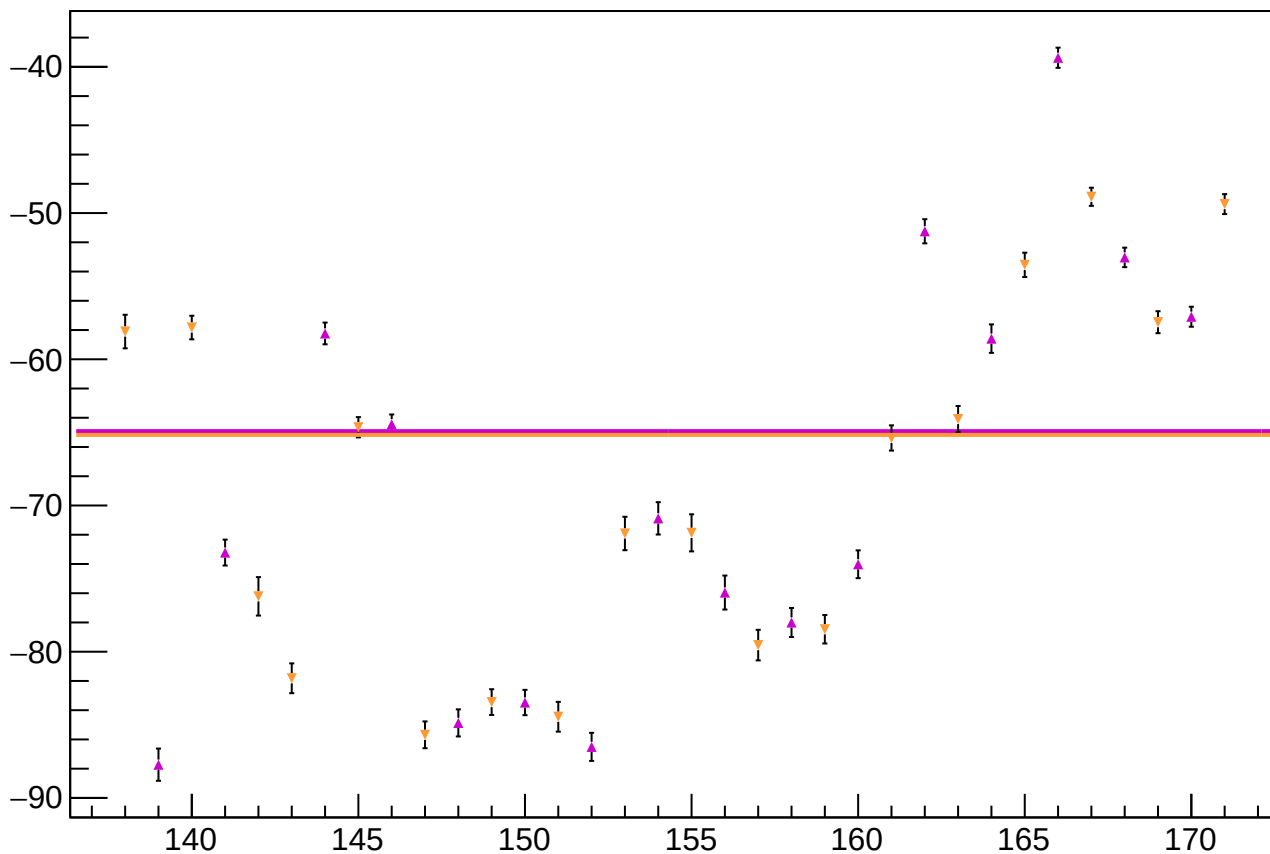
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.778+/-0.150 χ^2/NDF :1249.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.765+/-0.155 χ^2/NDF :1321.8/15

Left: -1.772+/-0.108 χ^2/NDF : 2570.9/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.765+/-0.155 χ^2/NDF :1321.8/15
 Out: -1.778+/-0.150 χ^2/NDF :1249.0/17

All: -1.772+/-0.108 χ^2/NDF : 2570.9/33

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.172+/-0.207 χ^2/NDF :3713.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.915+/-0.211 χ^2/NDF :4545.5/15

Left: -65.046+/-0.148 χ^2/NDF : 8259.2/33

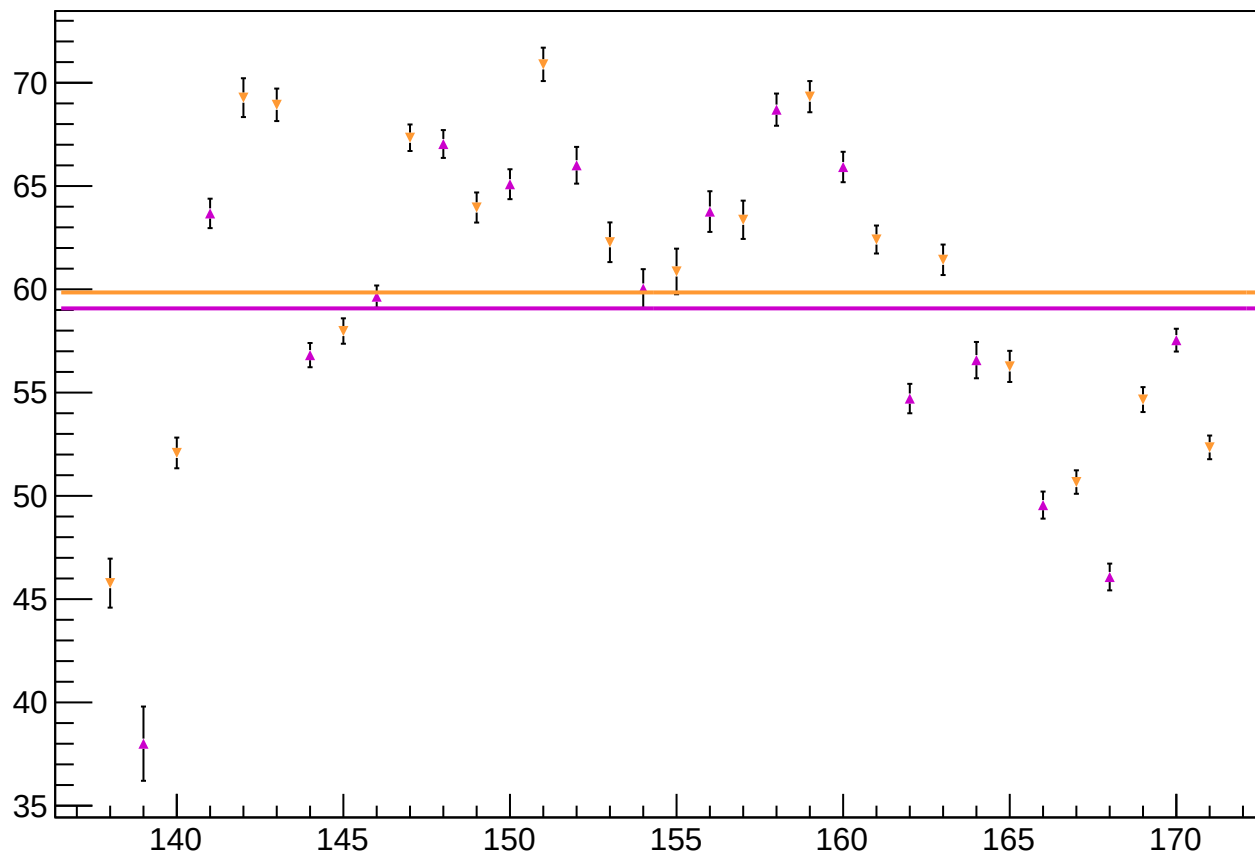
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.915+/-0.211 χ^2/NDF :4545.5/15

Out: -65.172+/-0.207 χ^2/NDF :3713.0/17

All: -65.046+/-0.148 χ^2/NDF : 8259.2/33

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 59.848 $\pm$ 0.173 χ^2 /NDF:1575.2/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 59.076 $\pm$ 0.180 χ^2 /NDF:1394.4/15

Left: 59.476 $\pm$ 0.125 χ^2 /NDF: 2979.1/33

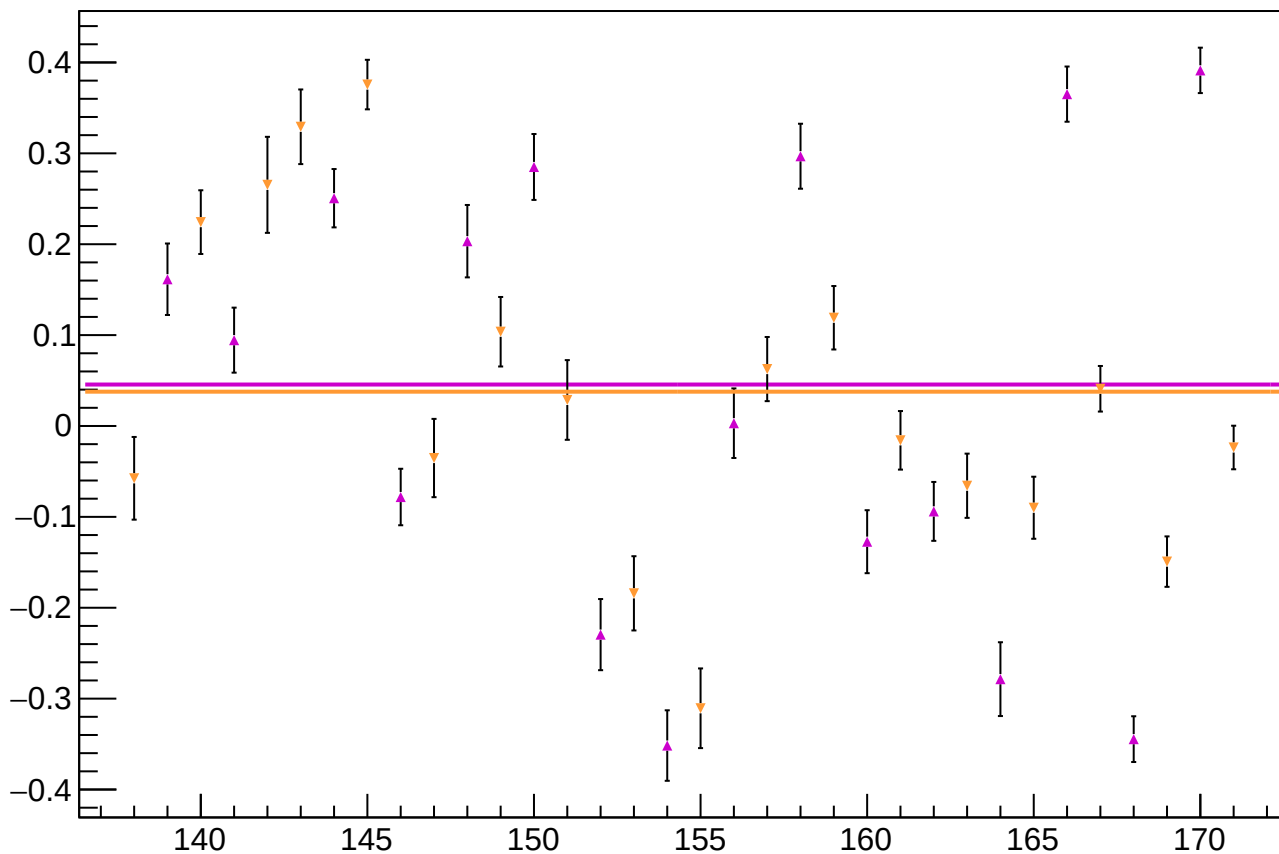
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 59.076 $\pm$ 0.180 χ^2 /NDF:1394.4/15

Out: 59.848 $\pm$ 0.173 χ^2 /NDF:1575.2/17

All: 59.476 $\pm$ 0.125 χ^2 /NDF: 2979.1/33

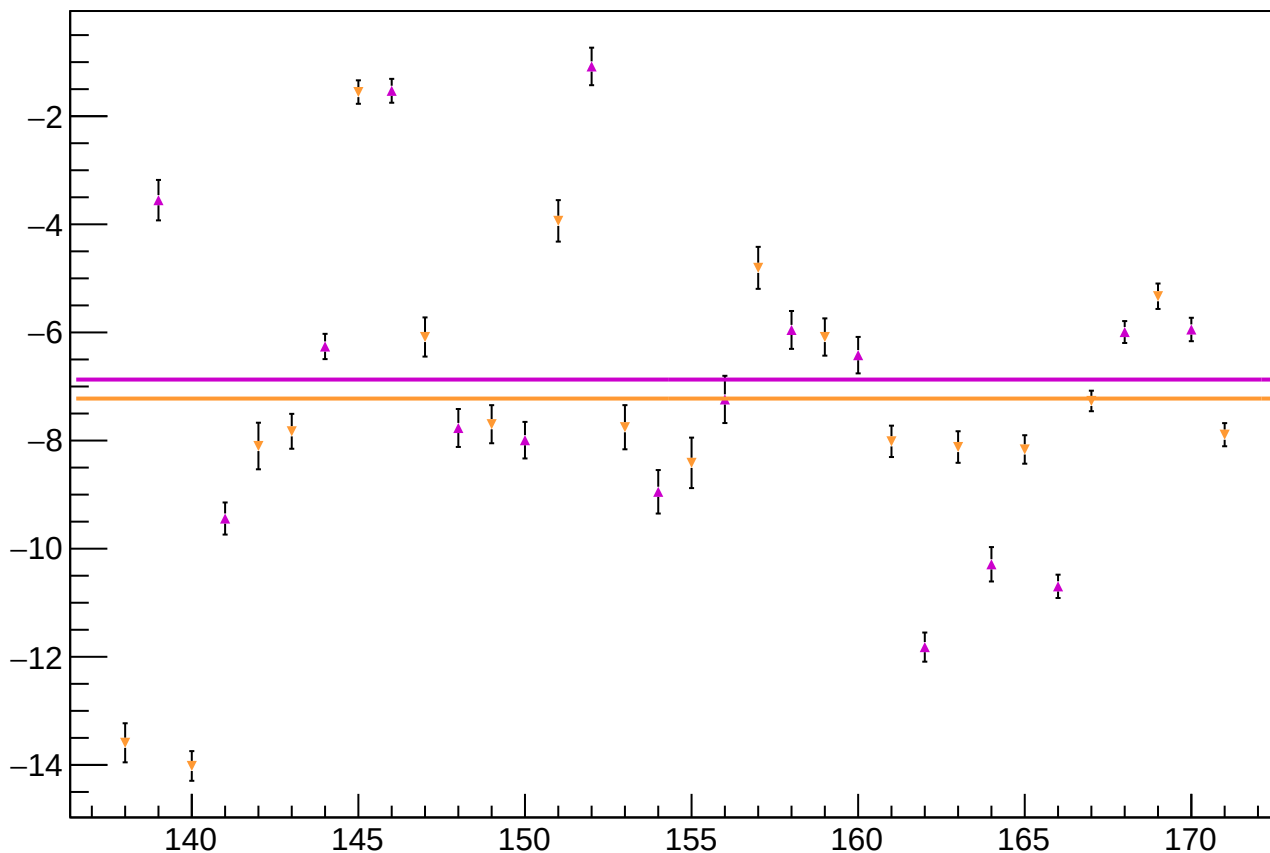
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.038 $\pm$ 0.008 χ^2 /NDF:437.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15

Left: 0.042 $\pm$ 0.006 χ^2 /NDF: 1418.6/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15
 Out: 0.038 $\pm$ 0.008 χ^2 /NDF:437.2/17
 All: 0.042 $\pm$ 0.006 χ^2 /NDF: 1418.6/33

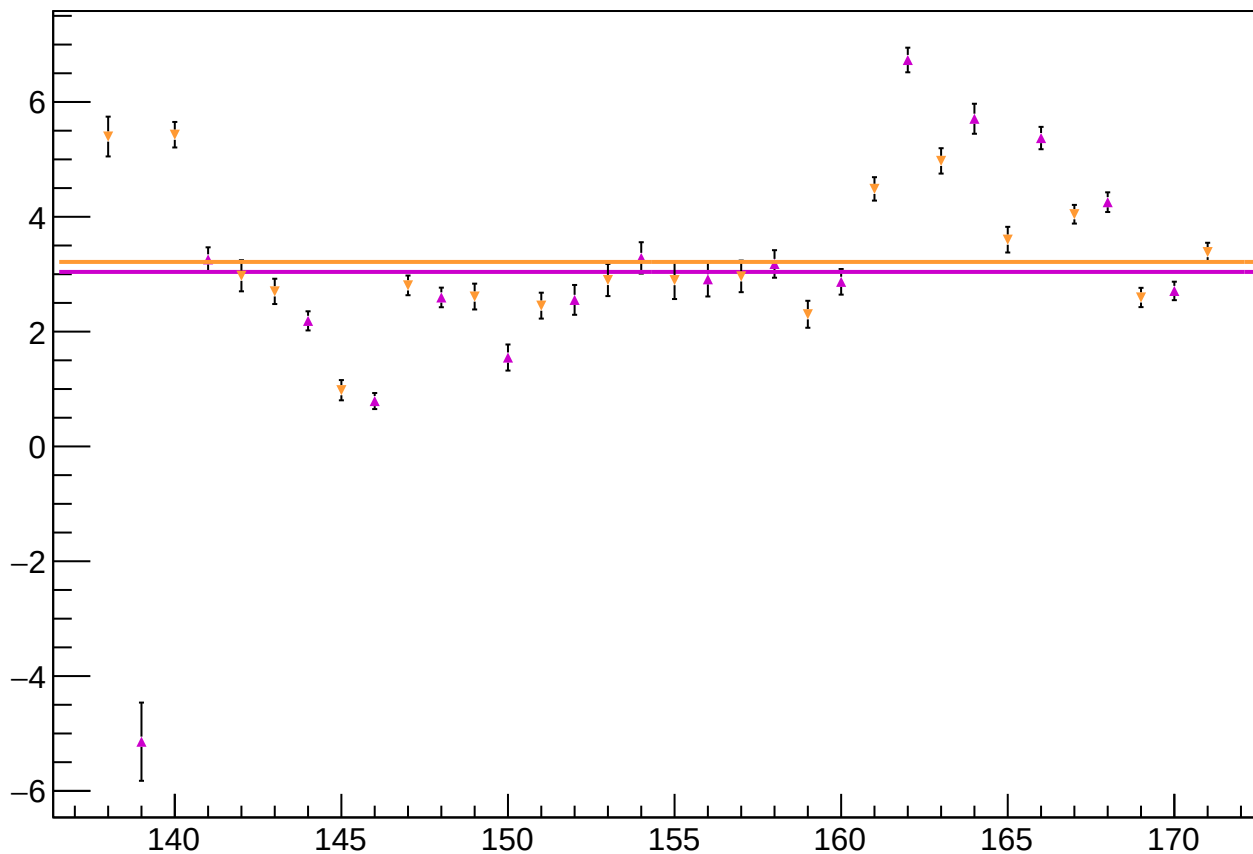
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.223+/-0.069 χ^2/NDF :1860.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.872+/-0.070 χ^2/NDF :1881.2/15

Left: -7.051+/-0.049 χ^2/NDF : 3753.9/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.872+/-0.070 χ^2/NDF :1881.2/15
 Out: -7.223+/-0.069 χ^2/NDF :1860.0/17
 All: -7.051+/-0.049 χ^2/NDF : 3753.9/33

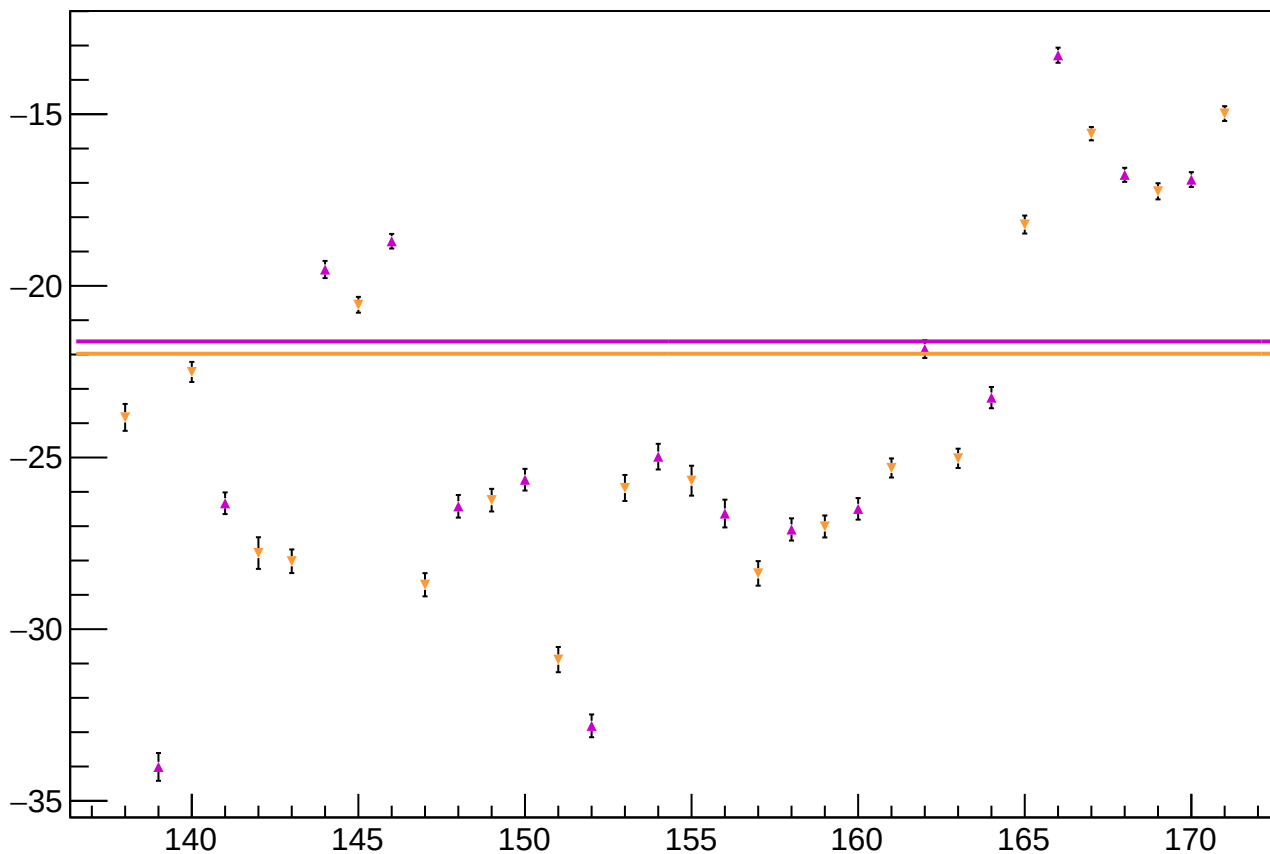
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.214+/-0.050 χ^2/NDF :494.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.040+/-0.051 χ^2/NDF :1084.6/15

Left: 3.129+/-0.036 χ^2/NDF : 1584.8/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.040+/-0.051 χ^2/NDF :1084.6/15
 Out: 3.214+/-0.050 χ^2/NDF :494.3/17
 All: 3.129+/-0.036 χ^2/NDF : 1584.8/33

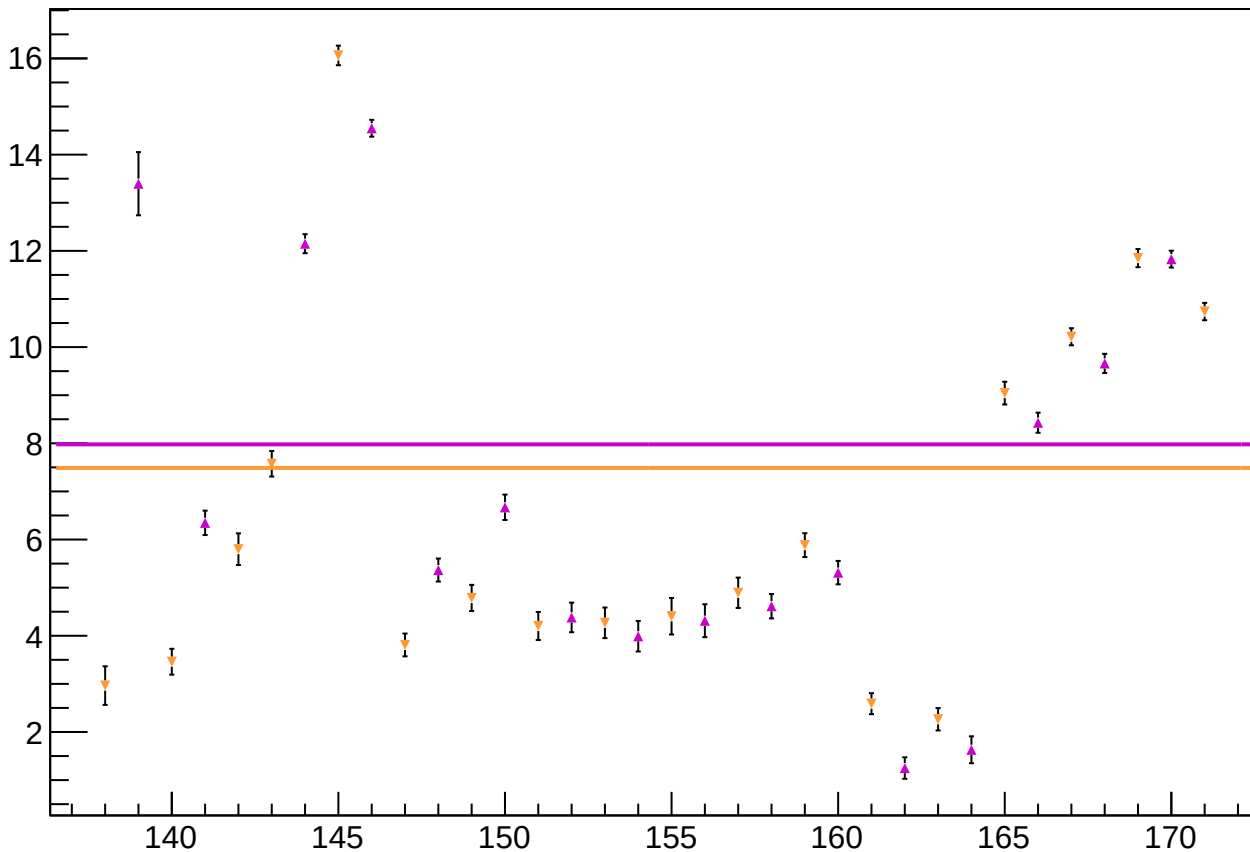
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -21.977+/-0.069 χ^2/NDF :5444.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.619+/-0.070 χ^2/NDF :6193.0/15

Left: -21.800+/-0.049 χ^2/NDF : 11650.5/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -21.619+/-0.070 χ^2/NDF :6193.0/15
 Out: -21.977+/-0.069 χ^2/NDF :5444.1/17
 All: -21.800+/-0.049 χ^2/NDF : 11650.5/33

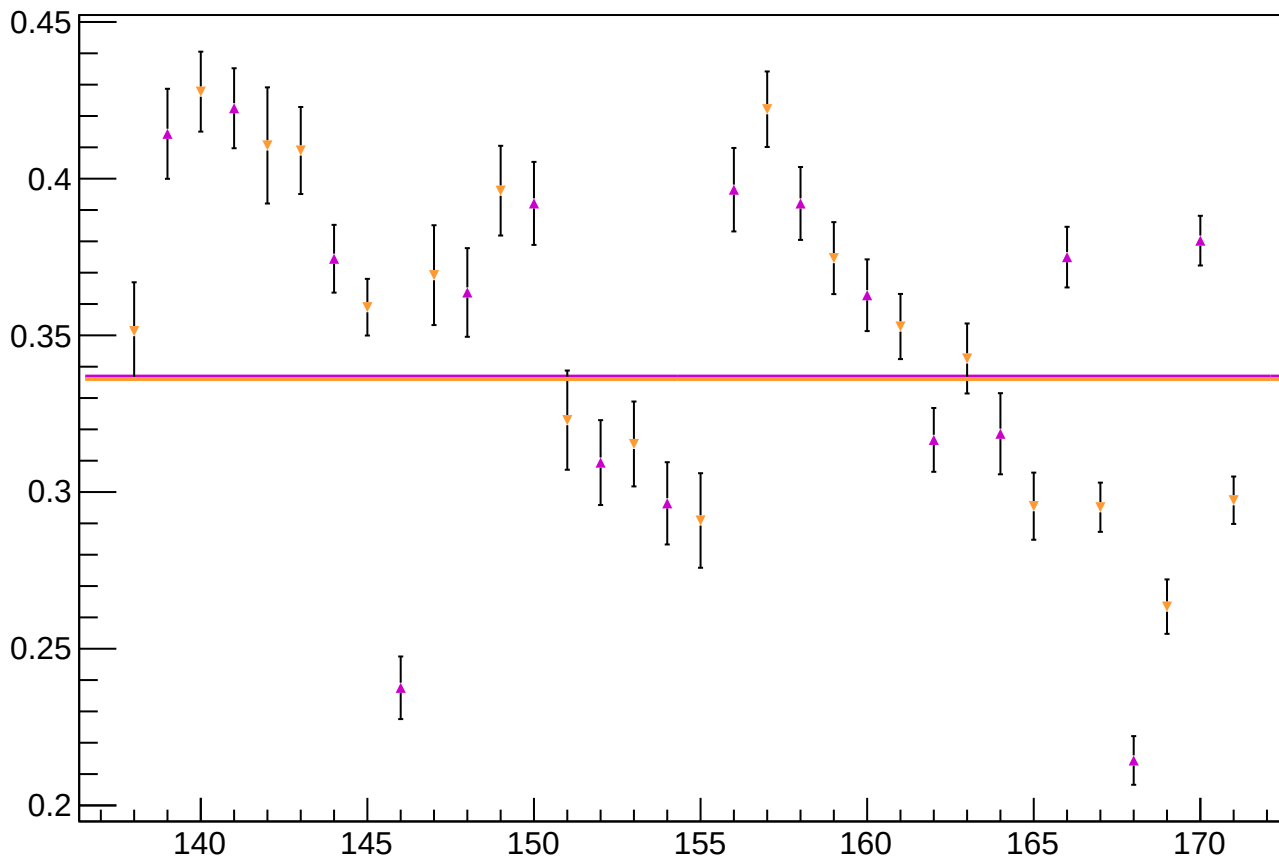
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.489+/-0.058 χ^2/NDF :5048.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.978+/-0.059 χ^2/NDF :4798.4/15

Left: 7.726+/-0.041 χ^2/NDF : 9881.6/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.978+/-0.059 χ^2/NDF :4798.4/15
 Out: 7.489+/-0.058 χ^2/NDF :5048.1/17
 All: 7.726+/-0.041 χ^2/NDF : 9881.6/33

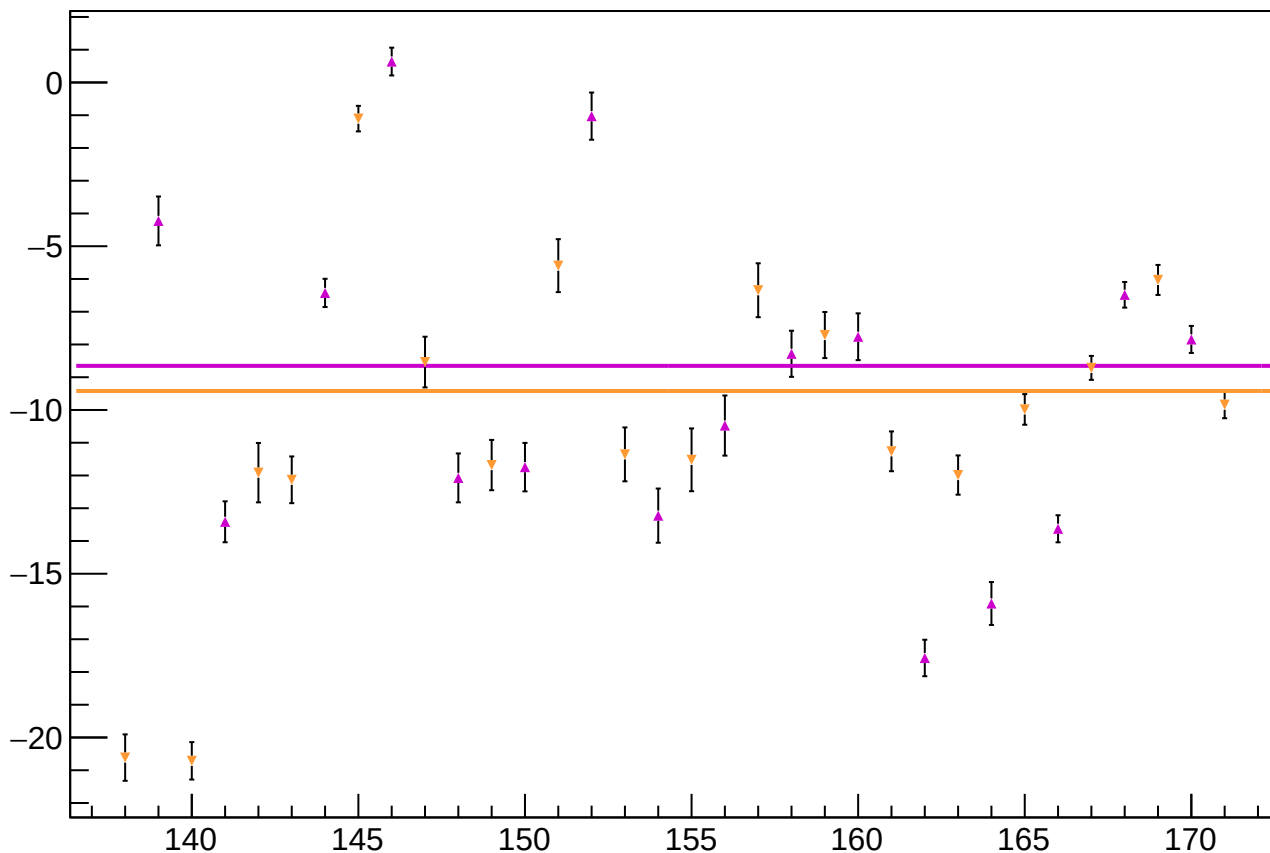
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.336 $\pm$ 0.003 χ^2 /NDF:339.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.337 $\pm$ 0.003 χ^2 /NDF:567.5/15

Left: 0.336 $\pm$ 0.002 χ^2 /NDF: 907.1/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.337 $\pm$ 0.003 χ^2 /NDF:567.5/15
 Out: 0.336 $\pm$ 0.003 χ^2 /NDF:339.6/17
 All: 0.336 $\pm$ 0.002 χ^2 /NDF: 907.1/33

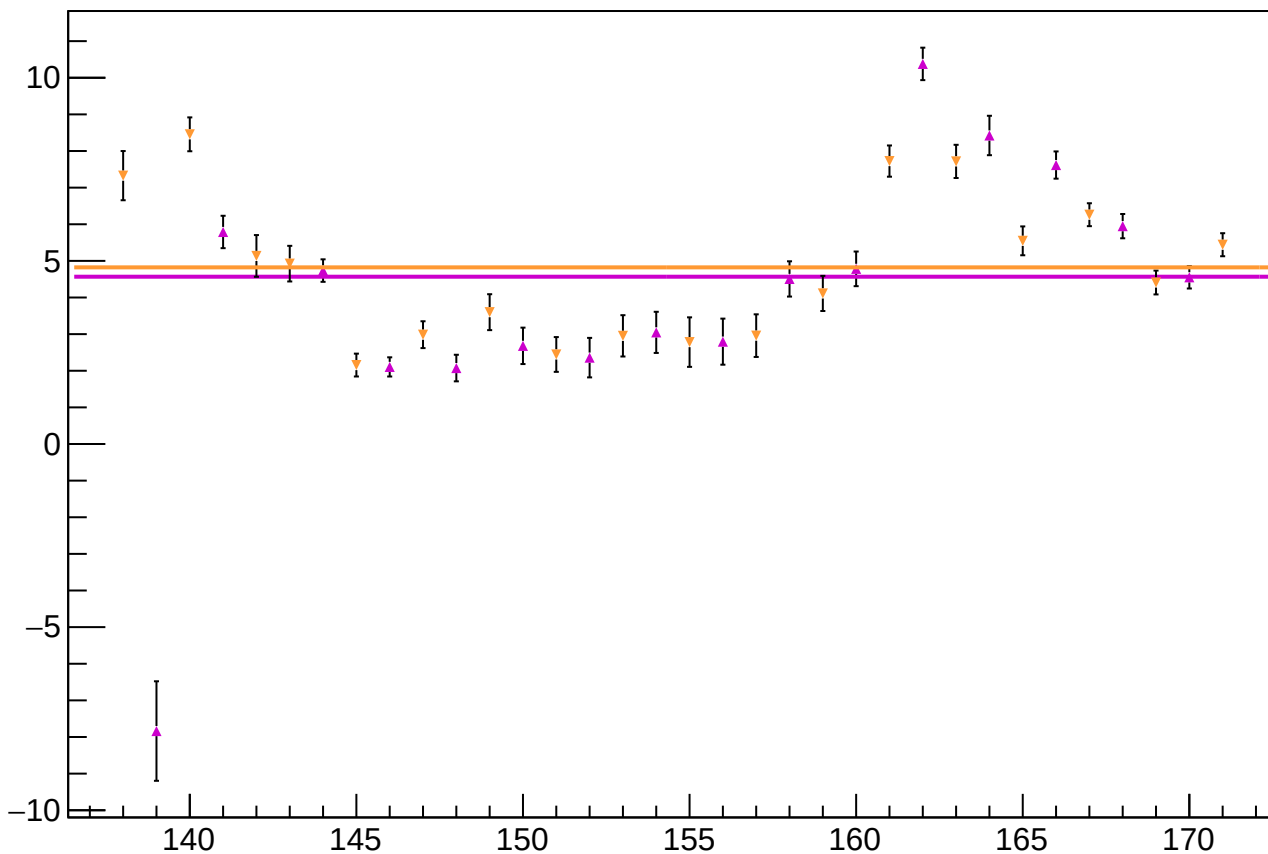
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.420 $\pm$ 0.136 χ^2/NDF :1267.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.653 $\pm$ 0.140 χ^2/NDF :1344.9/15

Left: -9.046 $\pm$ 0.098 χ^2/NDF : 2628.0/33
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.653 $\pm$ 0.140 χ^2/NDF :1344.9/15
 Out: -9.420 $\pm$ 0.136 χ^2/NDF :1267.6/17
 All: -9.046 $\pm$ 0.098 χ^2/NDF : 2628.0/33

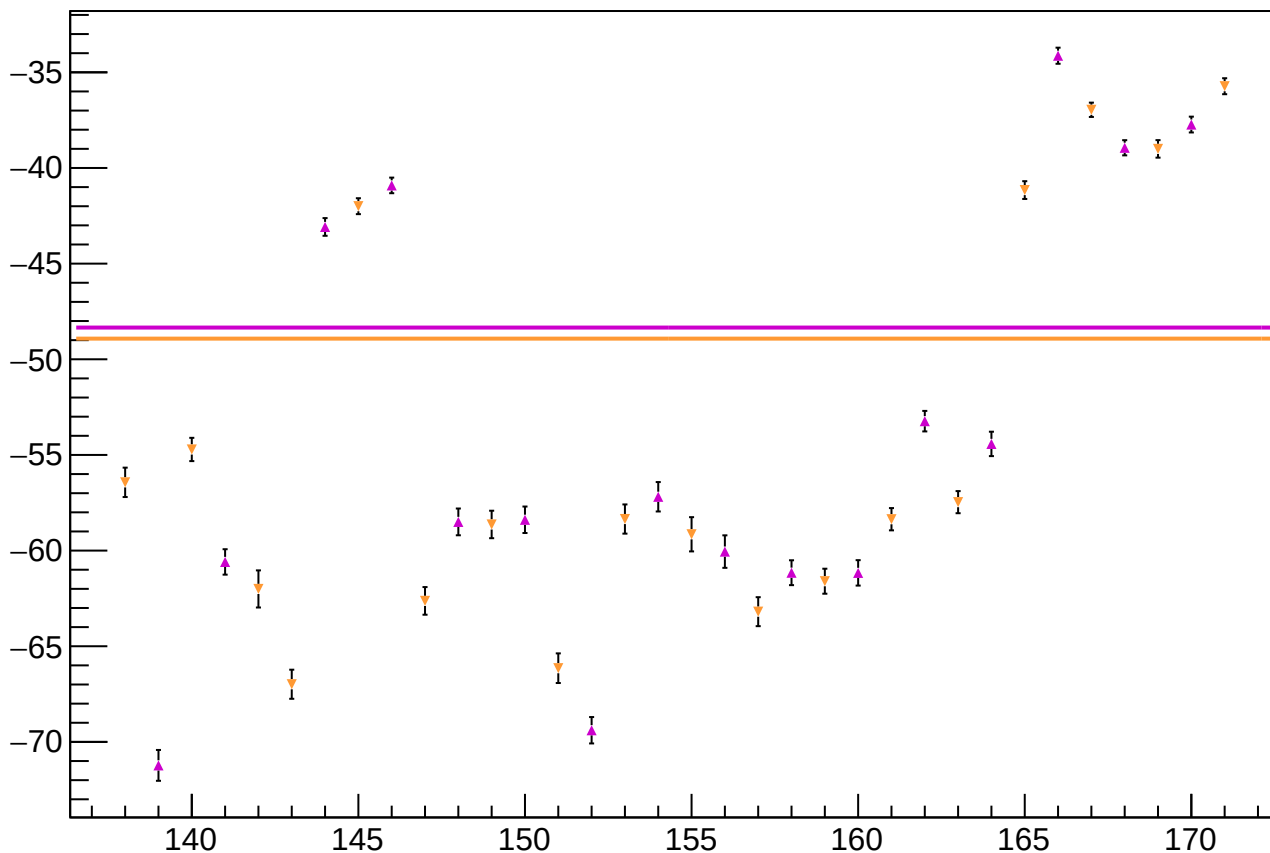
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.823+/-0.100 χ^2 /NDF:355.2/17
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 4.568+/-0.102 χ^2 /NDF:581.5/15

Left: 4.698+/-0.071 χ^2 /NDF: 939.9/33
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 4.568+/-0.102 χ^2 /NDF:581.5/15
 Out: 4.823+/-0.100 χ^2 /NDF:355.2/17
 All: 4.698+/-0.071 χ^2 /NDF: 939.9/33

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: -48.920+/-0.136 χ^2/NDF : 6512.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.342+/-0.138 χ^2/NDF : 6581.3/15

Left: -48.635+/-0.097 χ^2/NDF : 13102.6/33

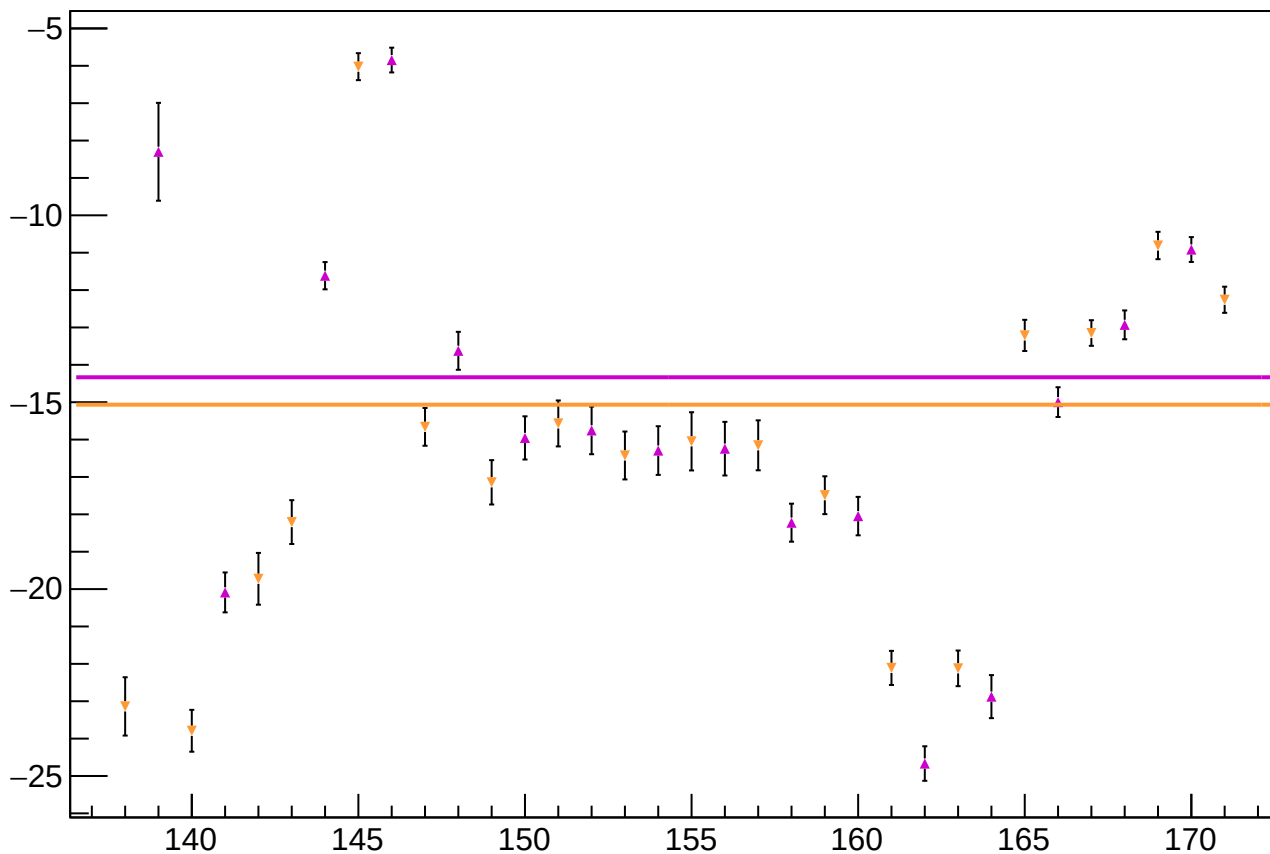
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.342+/-0.138 χ^2/NDF : 6581.3/15

Out: -48.920+/-0.136 χ^2/NDF : 6512.5/17

All: -48.635+/-0.097 χ^2/NDF : 13102.6/33

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.066 ± 0.115 $\chi^2/\text{NDF}: 1805.7/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.333 ± 0.118 $\chi^2/\text{NDF}: 1833.9/15$

Left: -14.711 ± 0.082 $\chi^2/\text{NDF}: 3659.5/33$

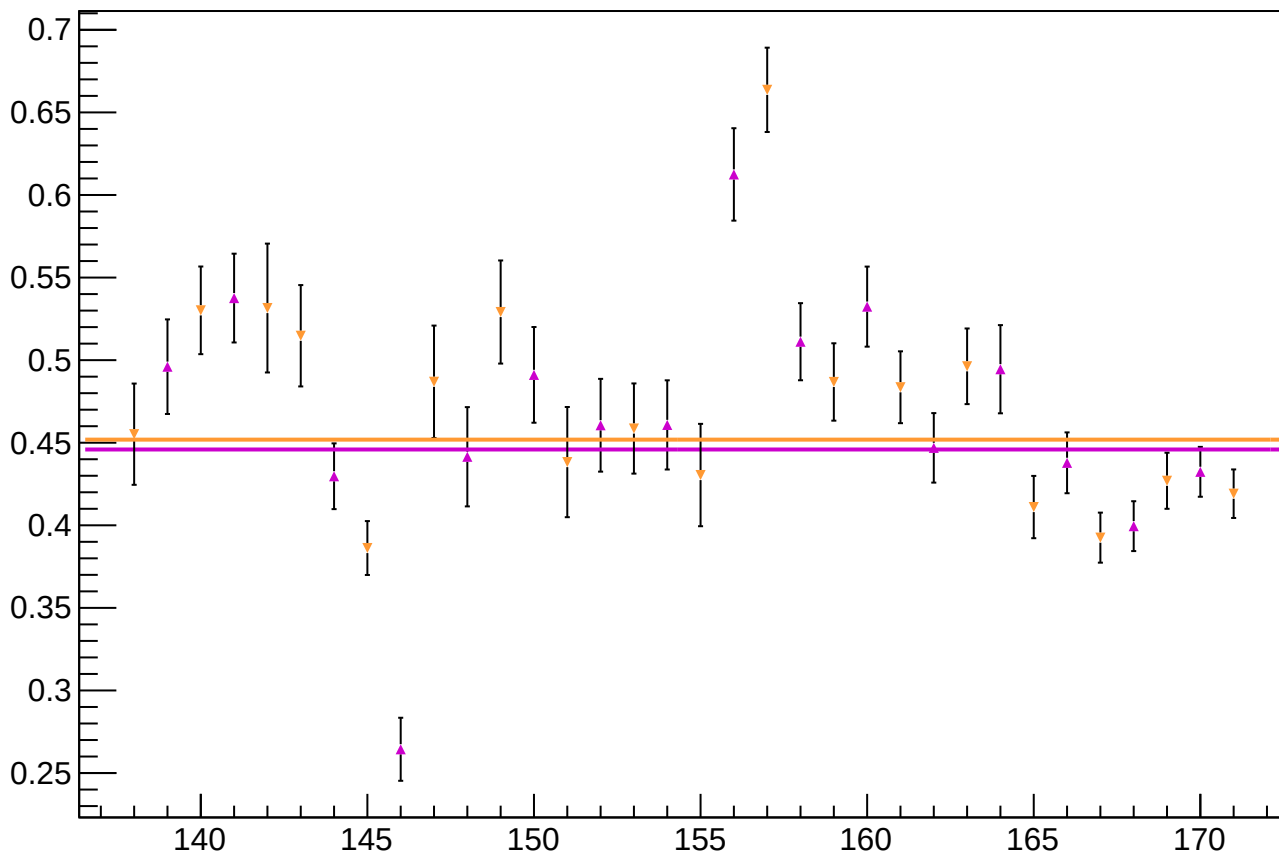
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.333 ± 0.118 $\chi^2/\text{NDF}: 1833.9/15$

Out: -15.066 ± 0.115 $\chi^2/\text{NDF}: 1805.7/17$

All: -14.711 ± 0.082 $\chi^2/\text{NDF}: 3659.5/33$

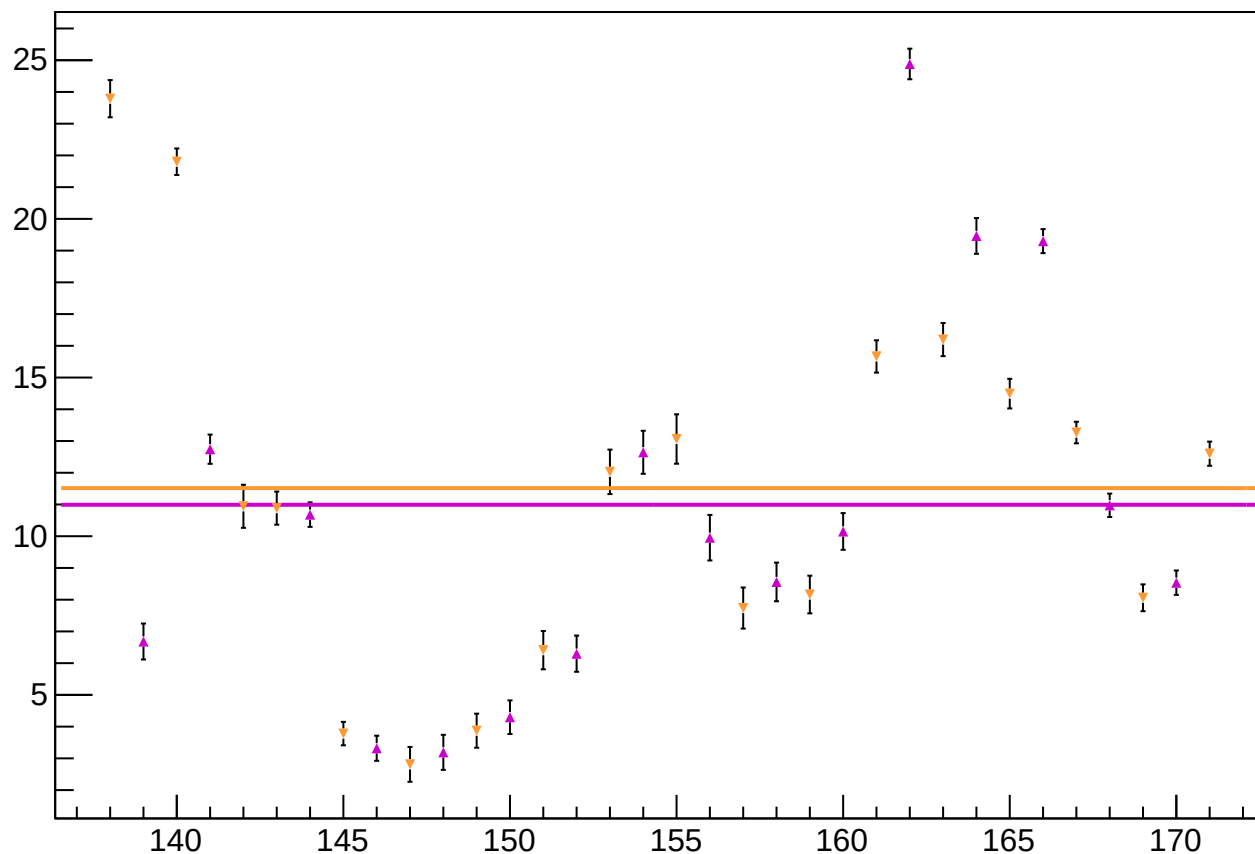
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.452 $\pm$ 0.005 χ^2 /NDF:145.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.446 $\pm$ 0.006 χ^2 /NDF:178.6/15

Left: 0.449 $\pm$ 0.004 χ^2 /NDF: 324.4/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.446 $\pm$ 0.006 χ^2 /NDF:178.6/15
 Out: 0.452 $\pm$ 0.005 χ^2 /NDF:145.2/17
 All: 0.449 $\pm$ 0.004 χ^2 /NDF: 324.4/33

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: 11.515+/-0.117 χ^2/NDF :2367.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.991+/-0.120 χ^2/NDF :2479.3/15

Left: 11.261+/-0.084 χ^2/NDF : 4856.9/33

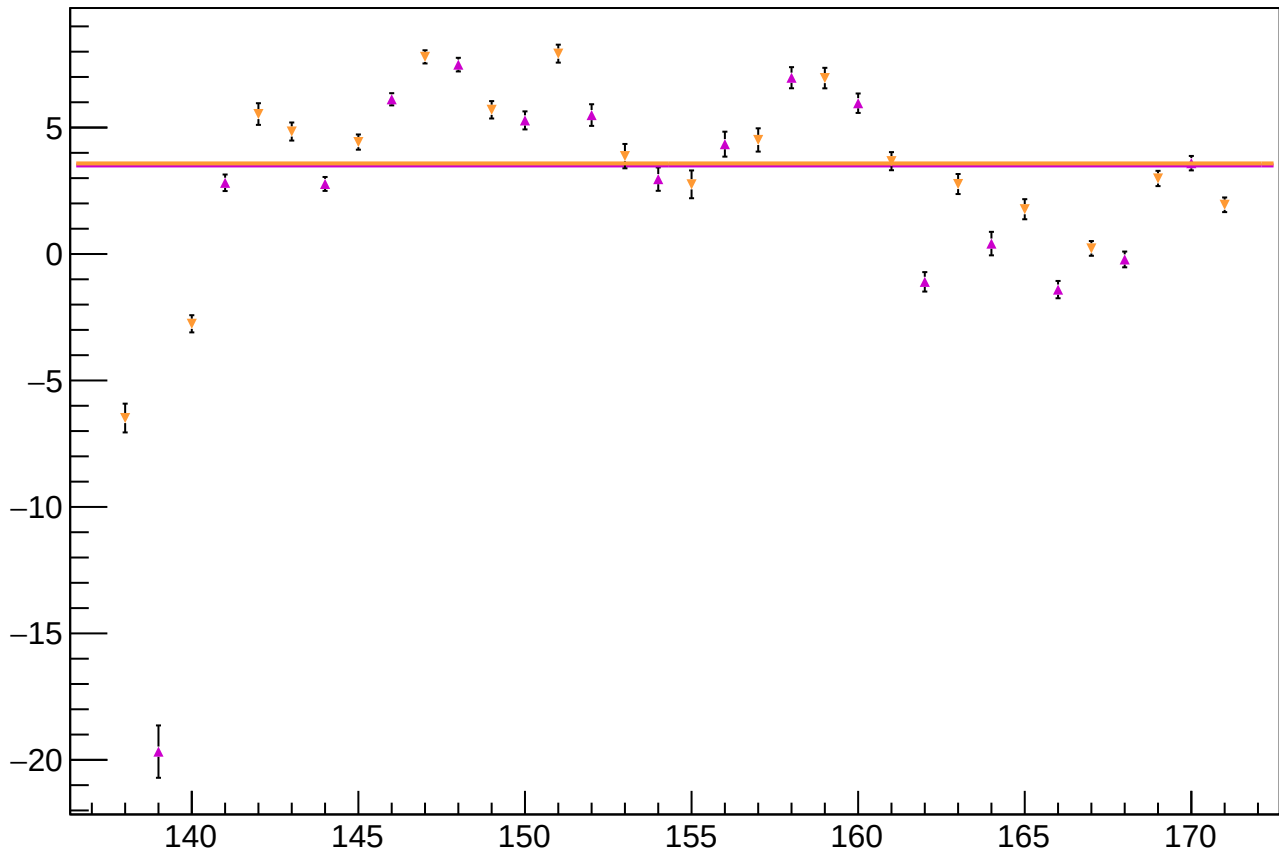
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.991+/-0.120 χ^2/NDF :2479.3/15

Out: 11.515+/-0.117 χ^2/NDF :2367.8/17

All: 11.261+/-0.084 χ^2/NDF : 4856.9/33

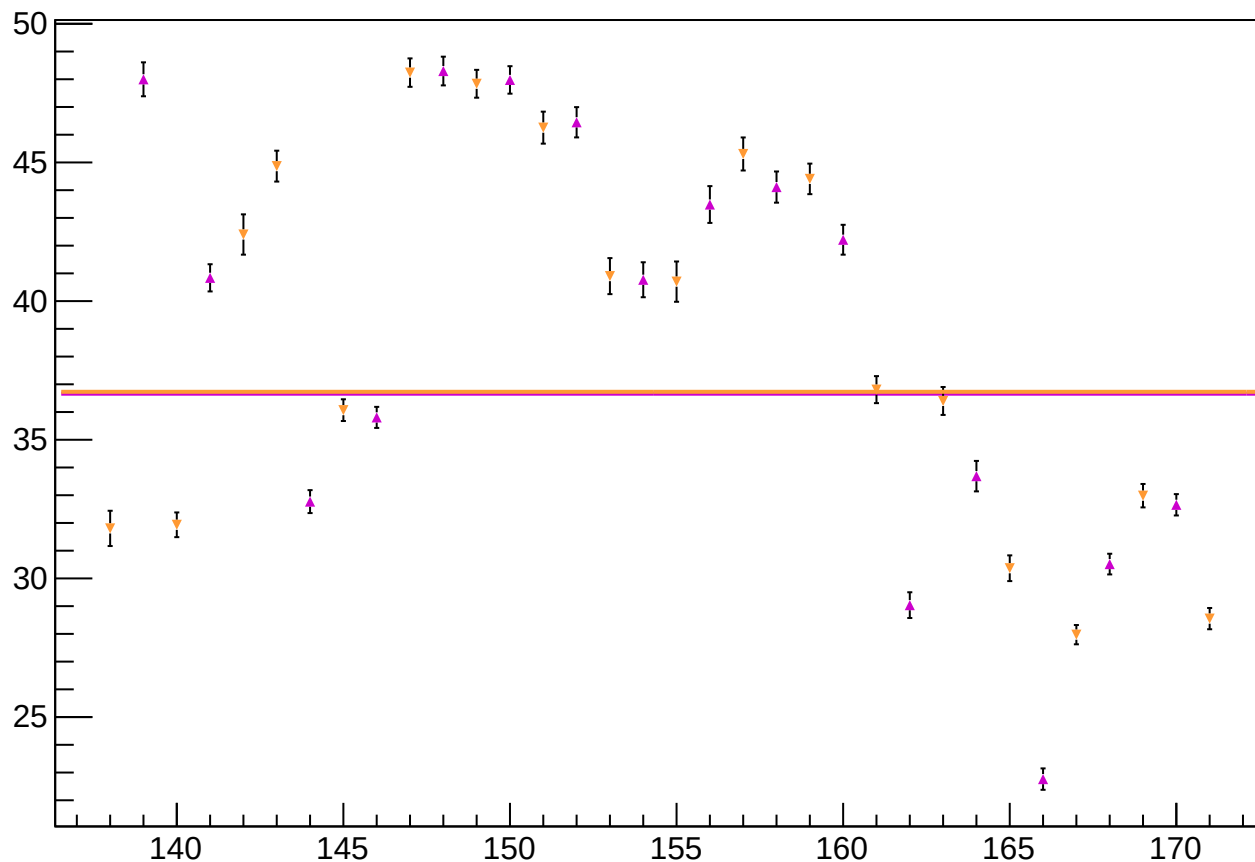
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.582 $\pm$ 0.084 χ^2 /NDF:1421.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.502 $\pm$ 0.087 χ^2 /NDF:1545.3/15

Left: 3.543 $\pm$ 0.061 χ^2 /NDF: 2966.7/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.502 $\pm$ 0.087 χ^2 /NDF:1545.3/15
 Out: 3.582 $\pm$ 0.084 χ^2 /NDF:1421.0/17
 All: 3.543 $\pm$ 0.061 χ^2 /NDF: 2966.7/33

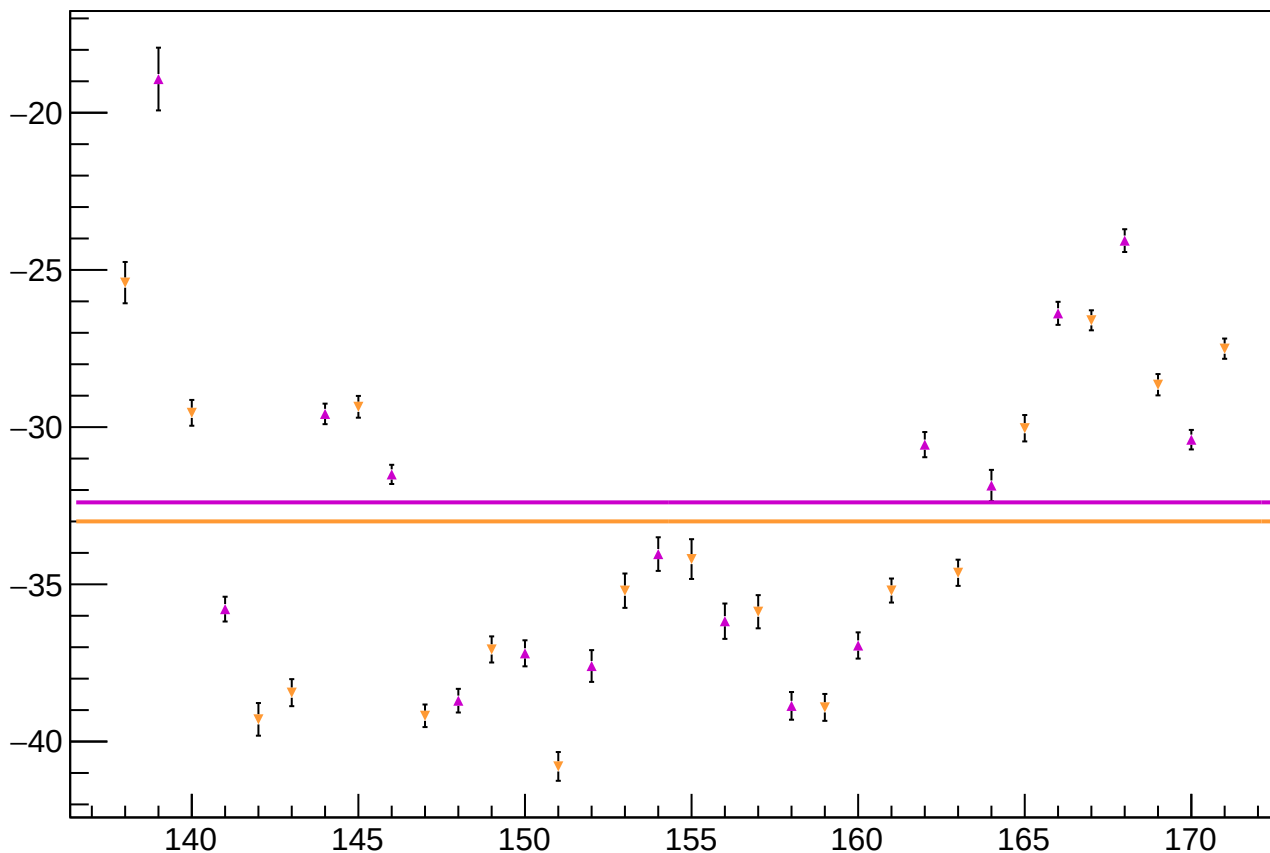
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 36.730 $\pm$ 0.116 χ^2 /NDF:3548.4/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 36.661 $\pm$ 0.119 χ^2 /NDF:4263.1/15

Left: 36.696 $\pm$ 0.083 χ^2 /NDF: 7811.7/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 36.661 $\pm$ 0.119 χ^2 /NDF:4263.1/15
 Out: 36.730 $\pm$ 0.116 χ^2 /NDF:3548.4/17
 All: 36.696 $\pm$ 0.083 χ^2 /NDF: 7811.7/33

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.998+/-0.097 χ^2/NDF :2502.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.393+/-0.101 χ^2/NDF :2109.8/15

Left: -32.707+/-0.070 χ^2/NDF : 4631.3/33

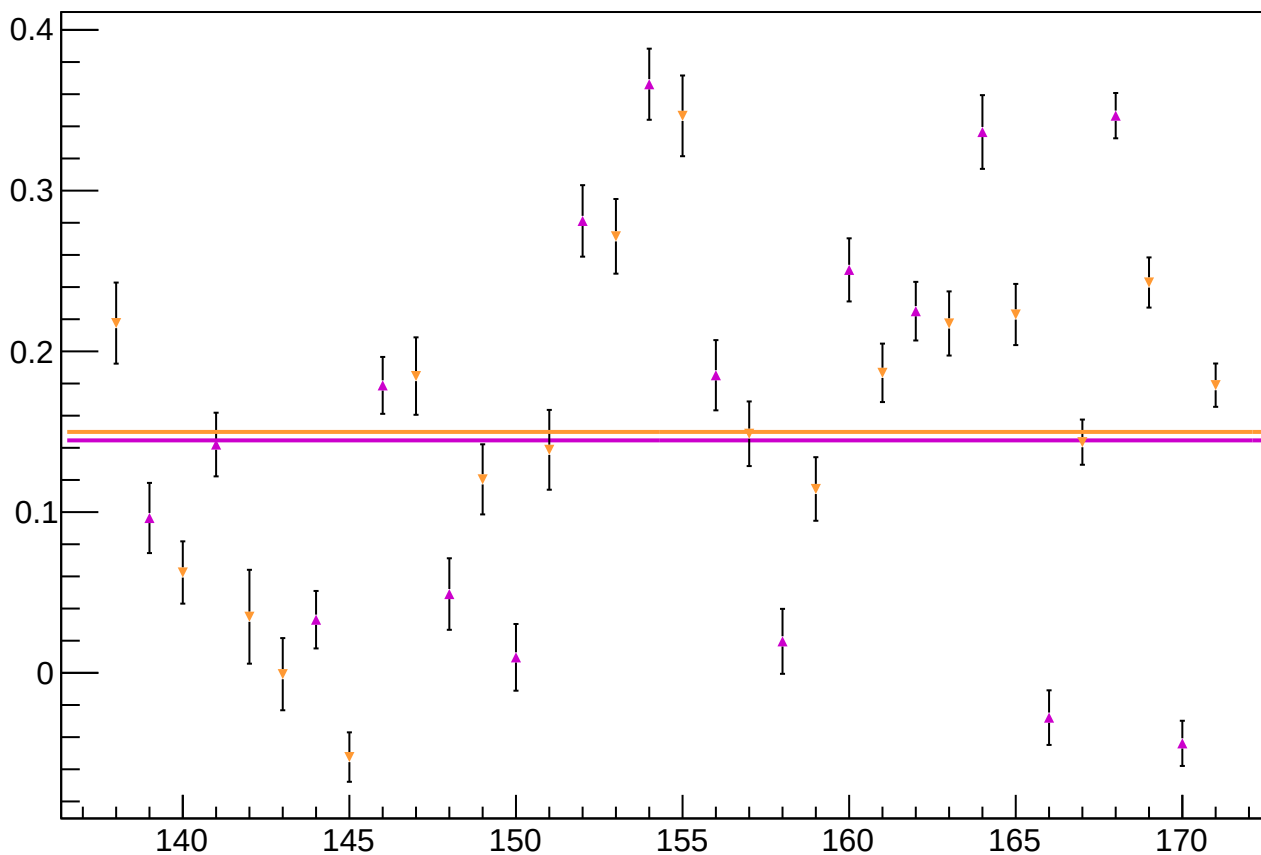
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.393+/-0.101 χ^2/NDF :2109.8/15

Out: -32.998+/-0.097 χ^2/NDF :2502.9/17

All: -32.707+/-0.070 χ^2/NDF : 4631.3/33

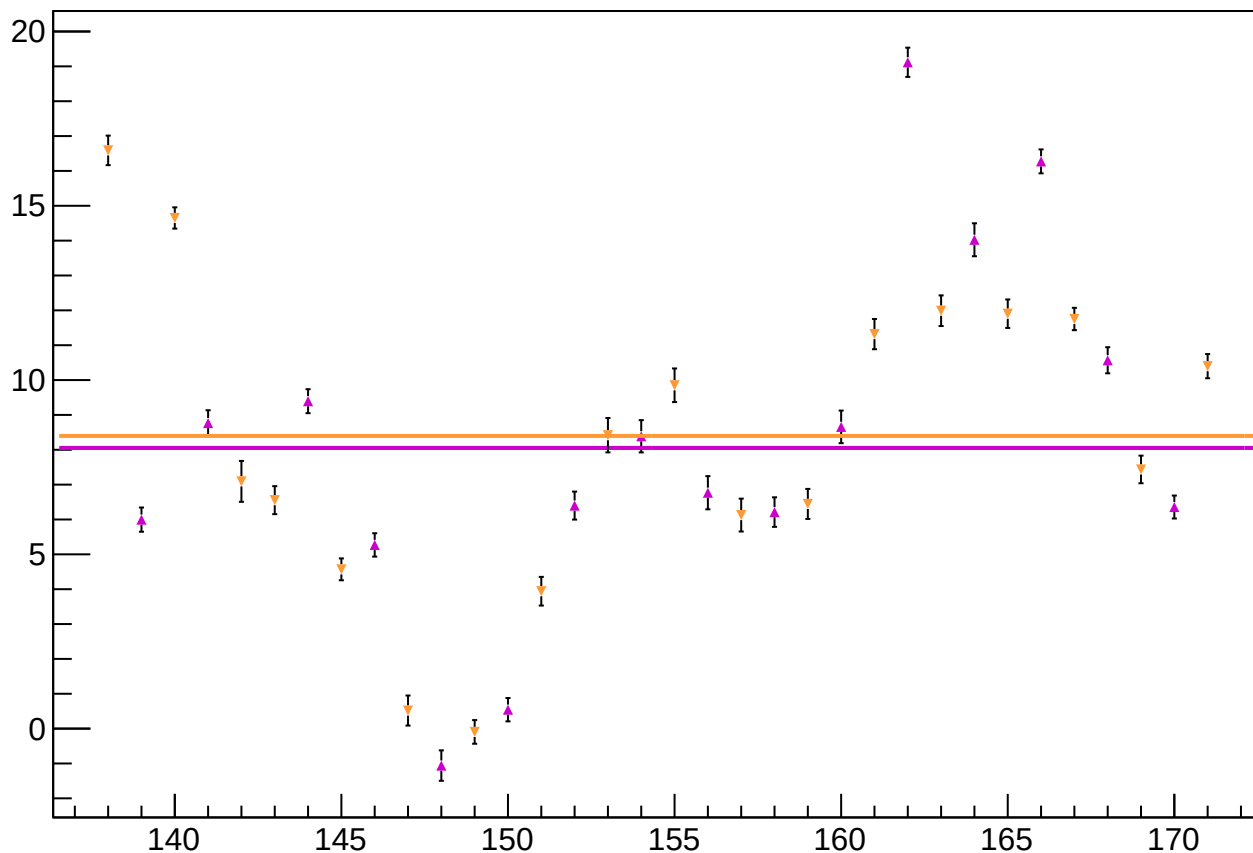
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.150 $\pm$ 0.005 χ^2 /NDF:427.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.145 $\pm$ 0.005 χ^2 /NDF:895.1/15

Left: 0.147 $\pm$ 0.003 χ^2 /NDF: 1323.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.145 $\pm$ 0.005 χ^2 /NDF:895.1/15
 Out: 0.150 $\pm$ 0.005 χ^2 /NDF:427.8/17
 All: 0.147 $\pm$ 0.003 χ^2 /NDF: 1323.5/33

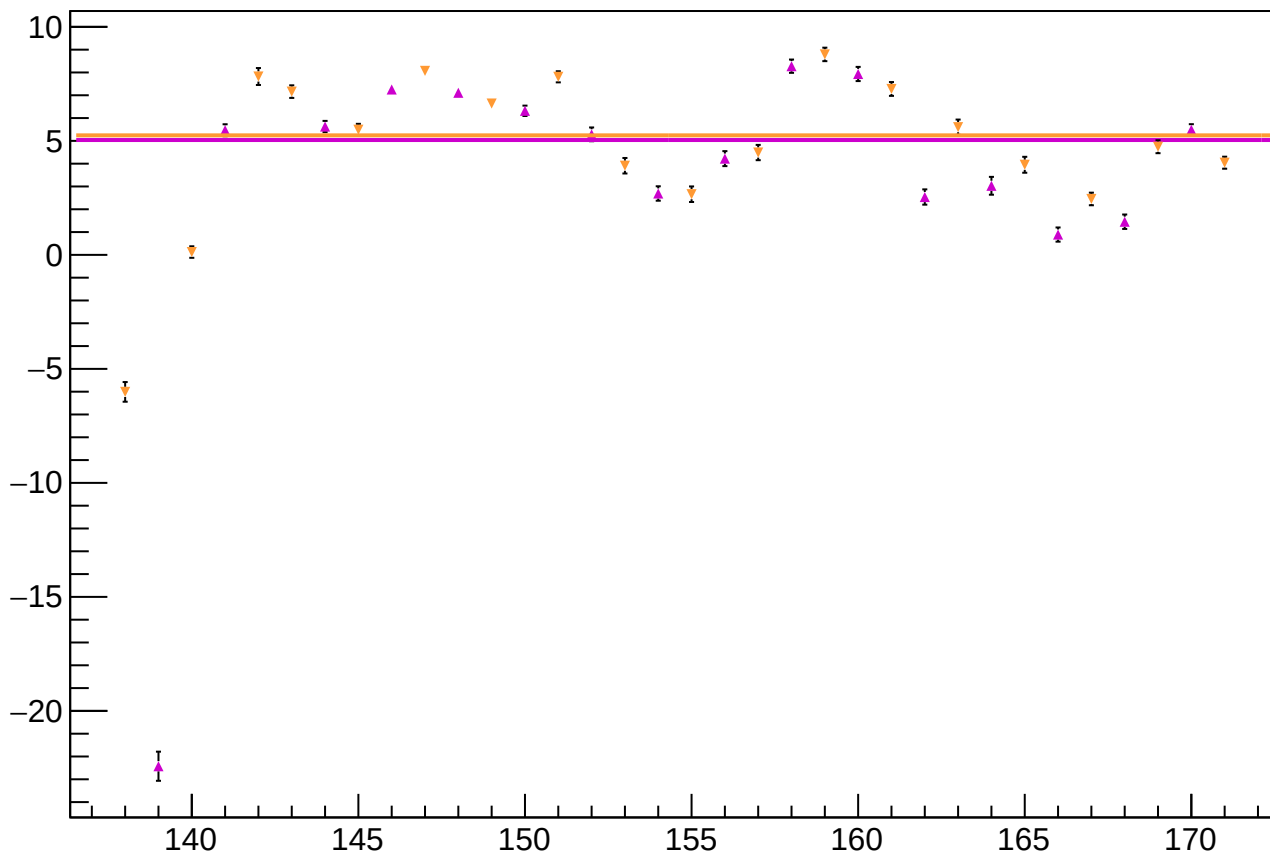
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.397 $\pm$ 0.093 χ^2 /NDF:2434.1/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15

Left: 8.230 $\pm$ 0.067 χ^2 /NDF: 5047.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15
 Out: 8.397 $\pm$ 0.093 χ^2 /NDF:2434.1/17
 All: 8.230 $\pm$ 0.067 χ^2 /NDF: 5047.5/33

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: 5.242 $\pm$ 0.067 χ^2 /NDF:1932.3/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15

Left: 5.145 $\pm$ 0.049 χ^2 /NDF: 4687.8/33

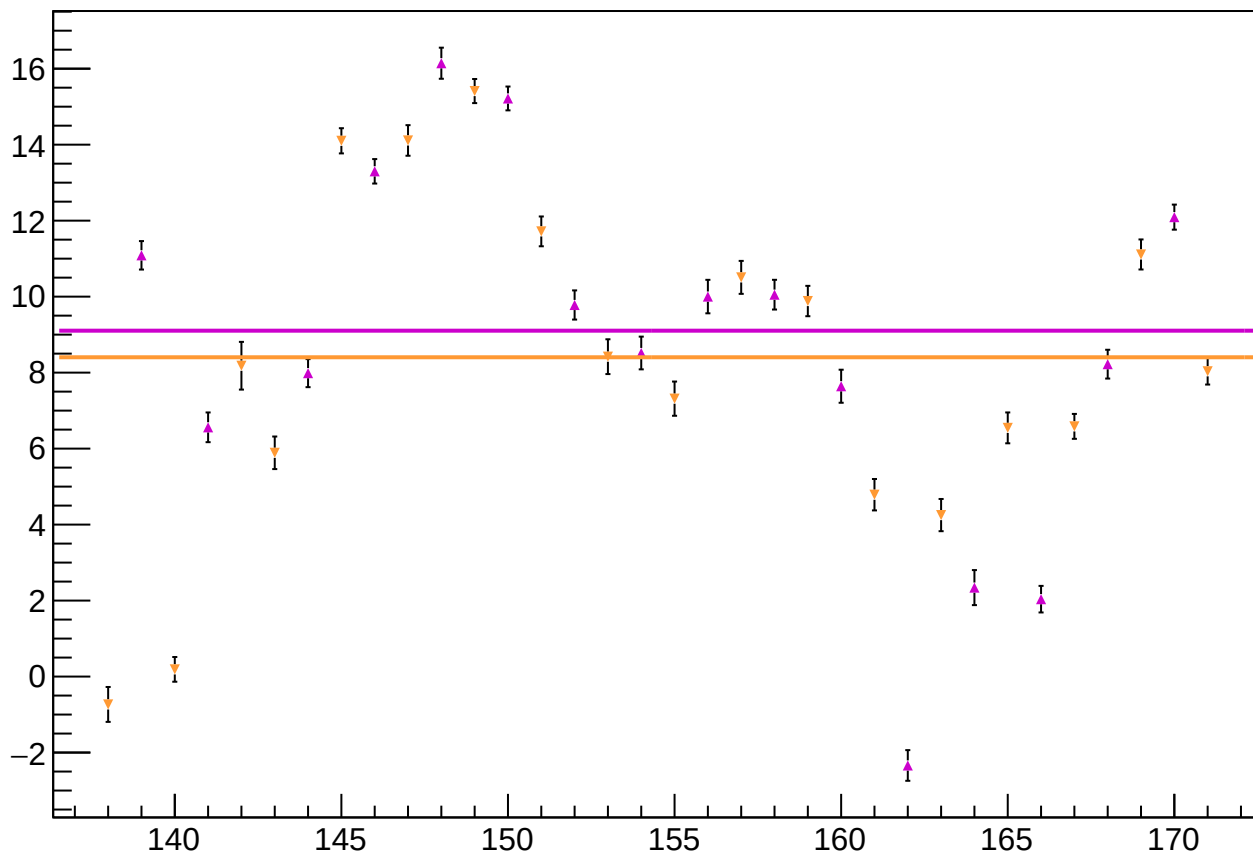
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15

Out: 5.242 $\pm$ 0.067 χ^2 /NDF:1932.3/17

All: 5.145 $\pm$ 0.049 χ^2 /NDF: 4687.8/33

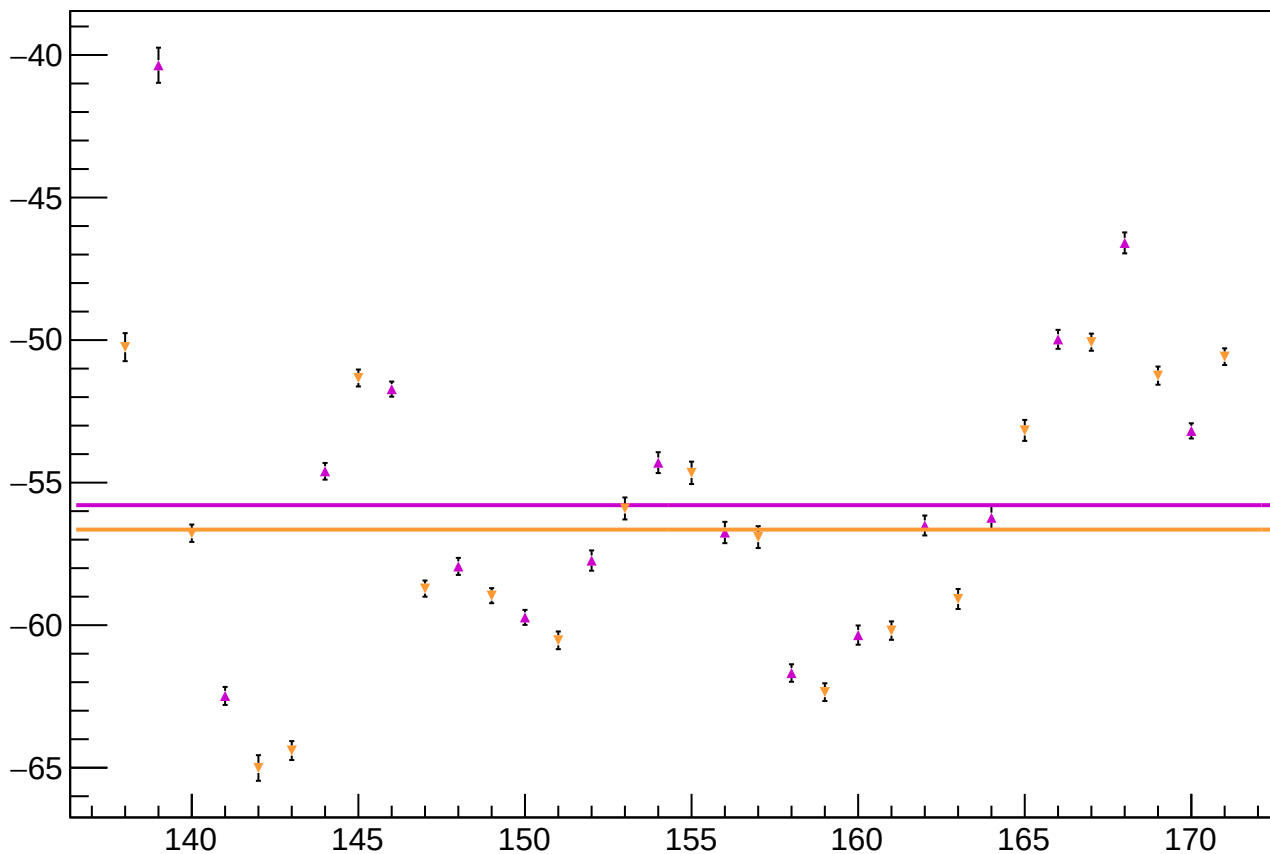
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.404+/-0.093 χ^2/NDF :2438.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.104+/-0.095 χ^2/NDF :2465.9/15

Left: 8.746+/-0.066 χ^2/NDF : 4932.5/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.104+/-0.095 χ^2/NDF :2465.9/15
 Out: 8.404+/-0.093 χ^2/NDF :2438.7/17
 All: 8.746+/-0.066 χ^2/NDF : 4932.5/33

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: -56.647+/-0.078 χ^2/NDF : 3483.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

Left: -56.239+/-0.056 χ^2/NDF : 6778.9/33

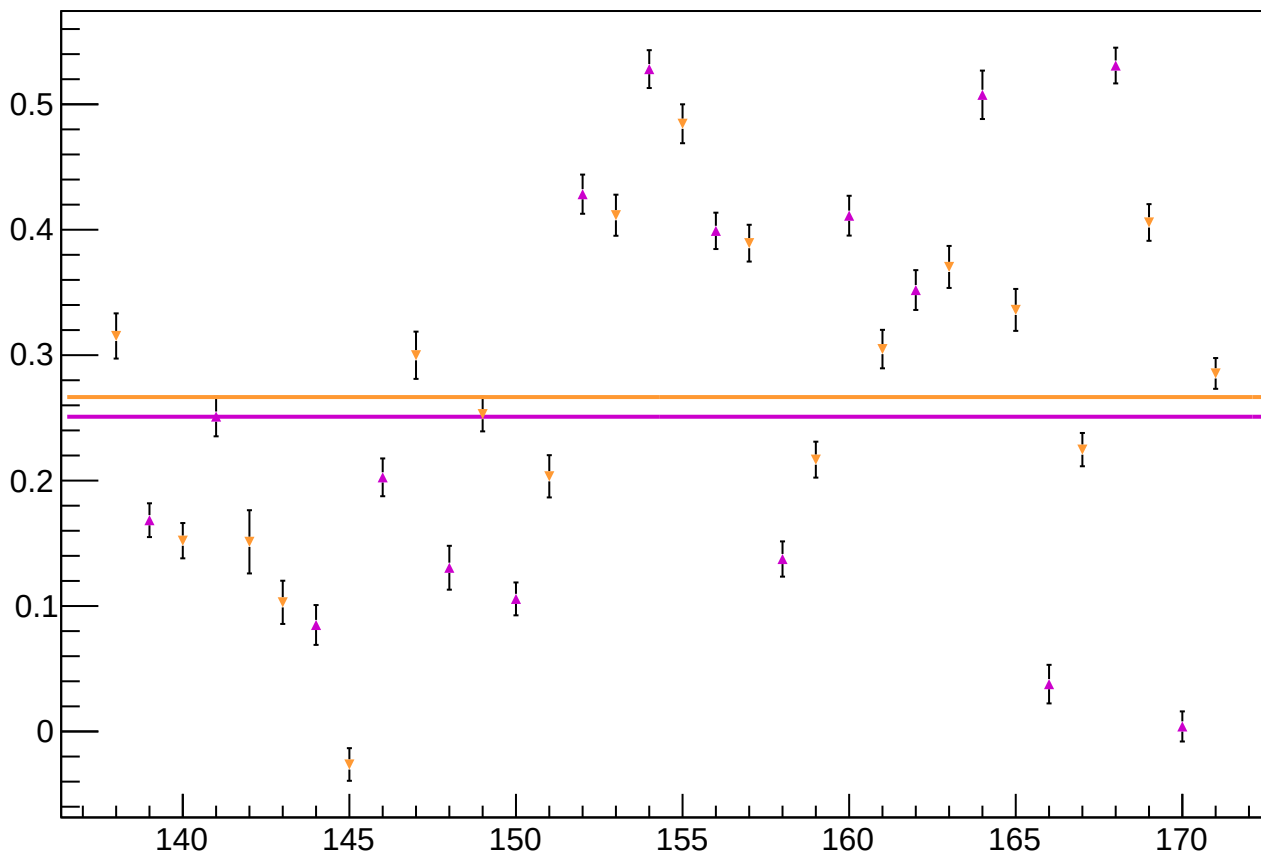
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

Out: -56.647+/-0.078 χ^2/NDF : 3483.1/17

All: -56.239+/-0.056 χ^2/NDF : 6778.9/33

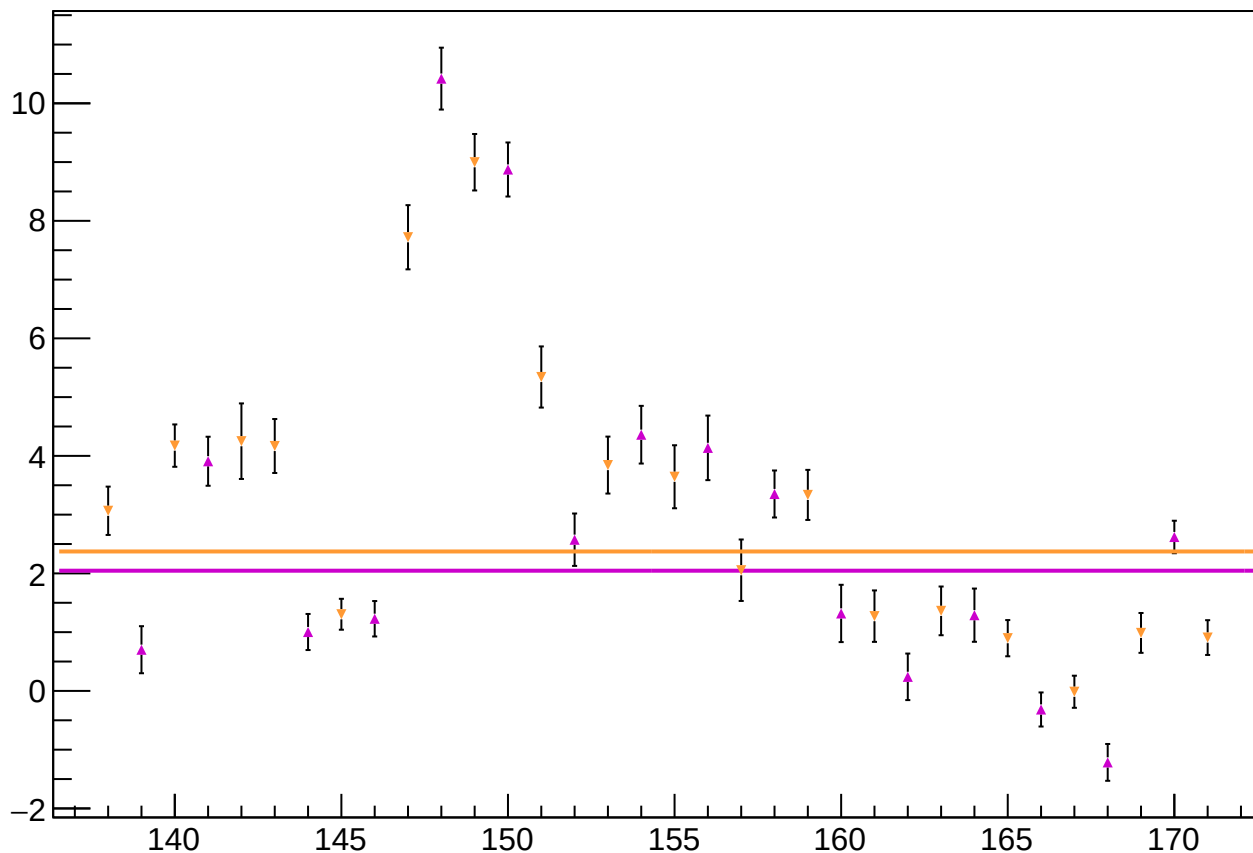
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.267 $\pm$ 0.004 χ^2 /NDF:1232.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.251 $\pm$ 0.004 χ^2 /NDF:2284.1/15

Left: 0.259 $\pm$ 0.003 χ^2 /NDF: 3525.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.251 $\pm$ 0.004 χ^2 /NDF:2284.1/15
 Out: 0.267 $\pm$ 0.004 χ^2 /NDF:1232.2/17
 All: 0.259 $\pm$ 0.003 χ^2 /NDF: 3525.5/33

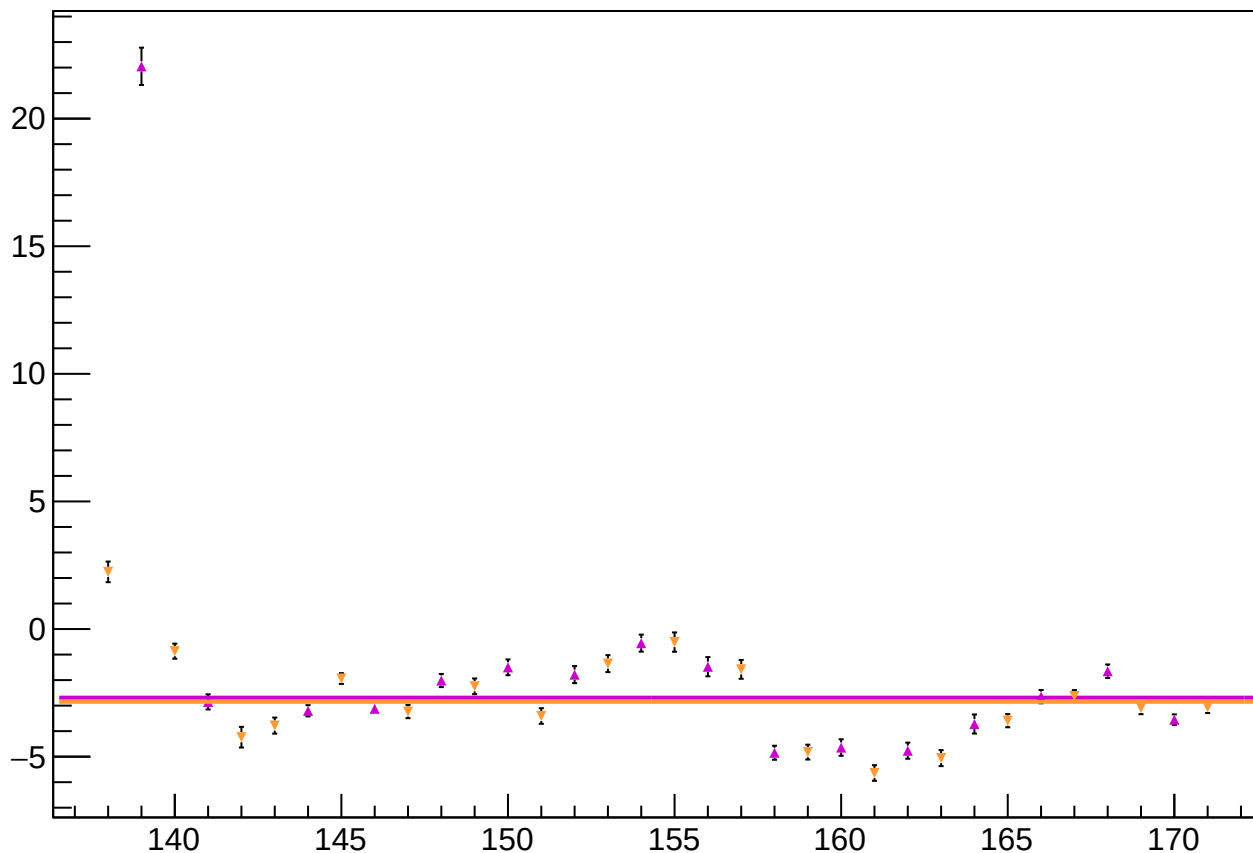
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.373+/-0.092 χ^2/NDF :559.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.046+/-0.095 χ^2/NDF :776.9/15

Left: 2.215+/-0.066 χ^2/NDF : 1342.6/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.046+/-0.095 χ^2/NDF :776.9/15
 Out: 2.373+/-0.092 χ^2/NDF :559.5/17
 All: 2.215+/-0.066 χ^2/NDF : 1342.6/33

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.852 $\pm$ 0.068 χ^2 /NDF:511.9/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.689 $\pm$ 0.070 χ^2 /NDF:1418.0/15

Left: -2.773 $\pm$ 0.049 χ^2 /NDF: 1932.7/33

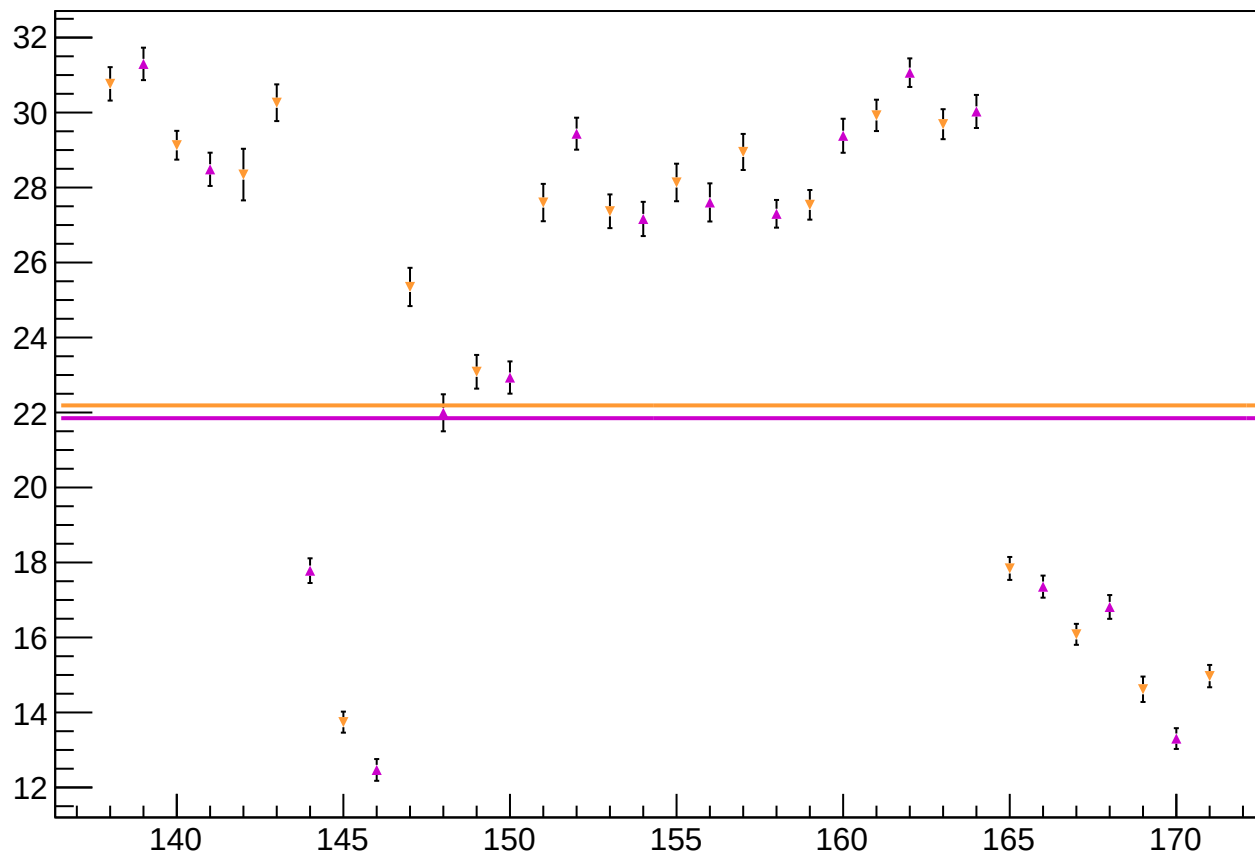
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.689 $\pm$ 0.070 χ^2 /NDF:1418.0/15

Out: -2.852 $\pm$ 0.068 χ^2 /NDF:511.9/17

All: -2.773 $\pm$ 0.049 χ^2 /NDF: 1932.7/33

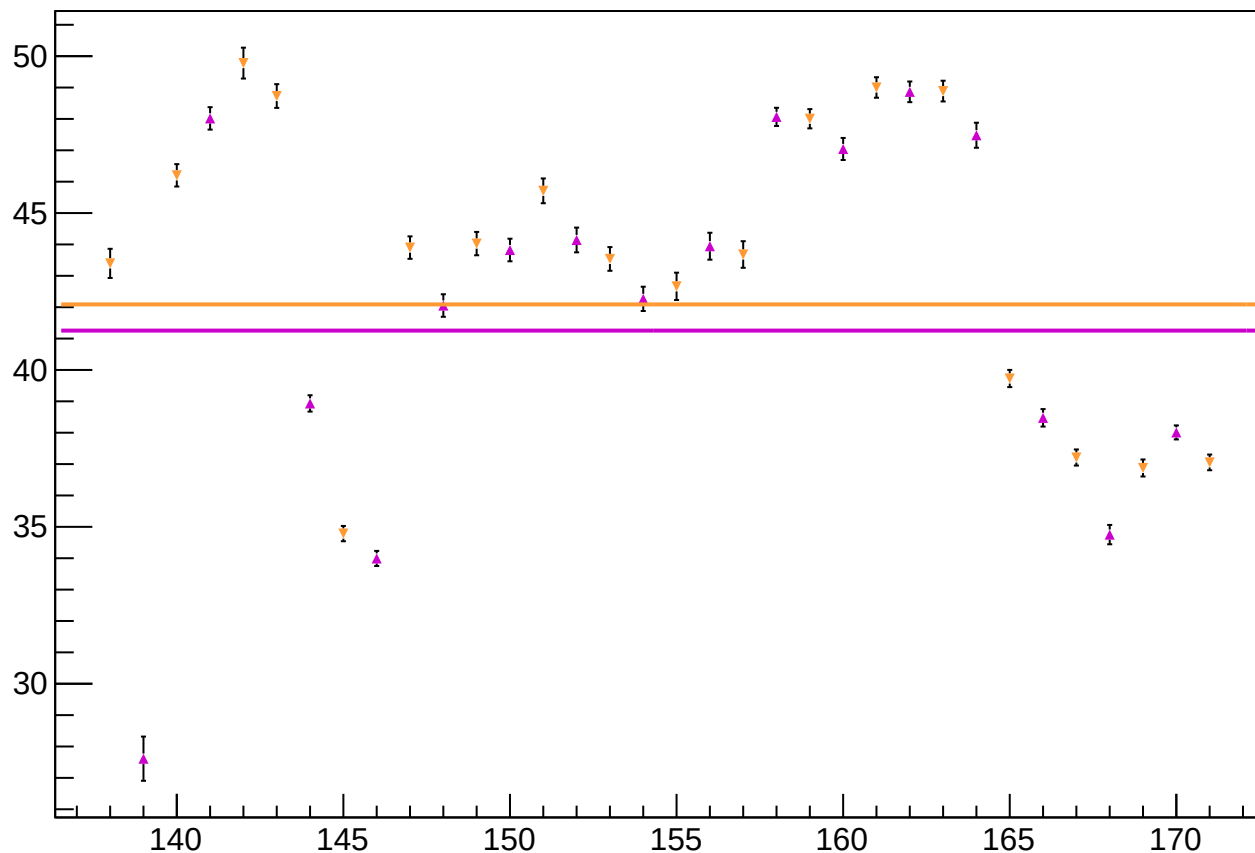
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 22.189 $\pm$ 0.092 χ^2 /NDF:5230.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 21.848 $\pm$ 0.094 χ^2 /NDF:5343.7/15

Left: 22.022 $\pm$ 0.066 χ^2 /NDF: 10581.1/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 21.848 $\pm$ 0.094 χ^2 /NDF:5343.7/15
 Out: 22.189 $\pm$ 0.092 χ^2 /NDF:5230.6/17
 All: 22.022 $\pm$ 0.066 χ^2 /NDF: 10581.1/33

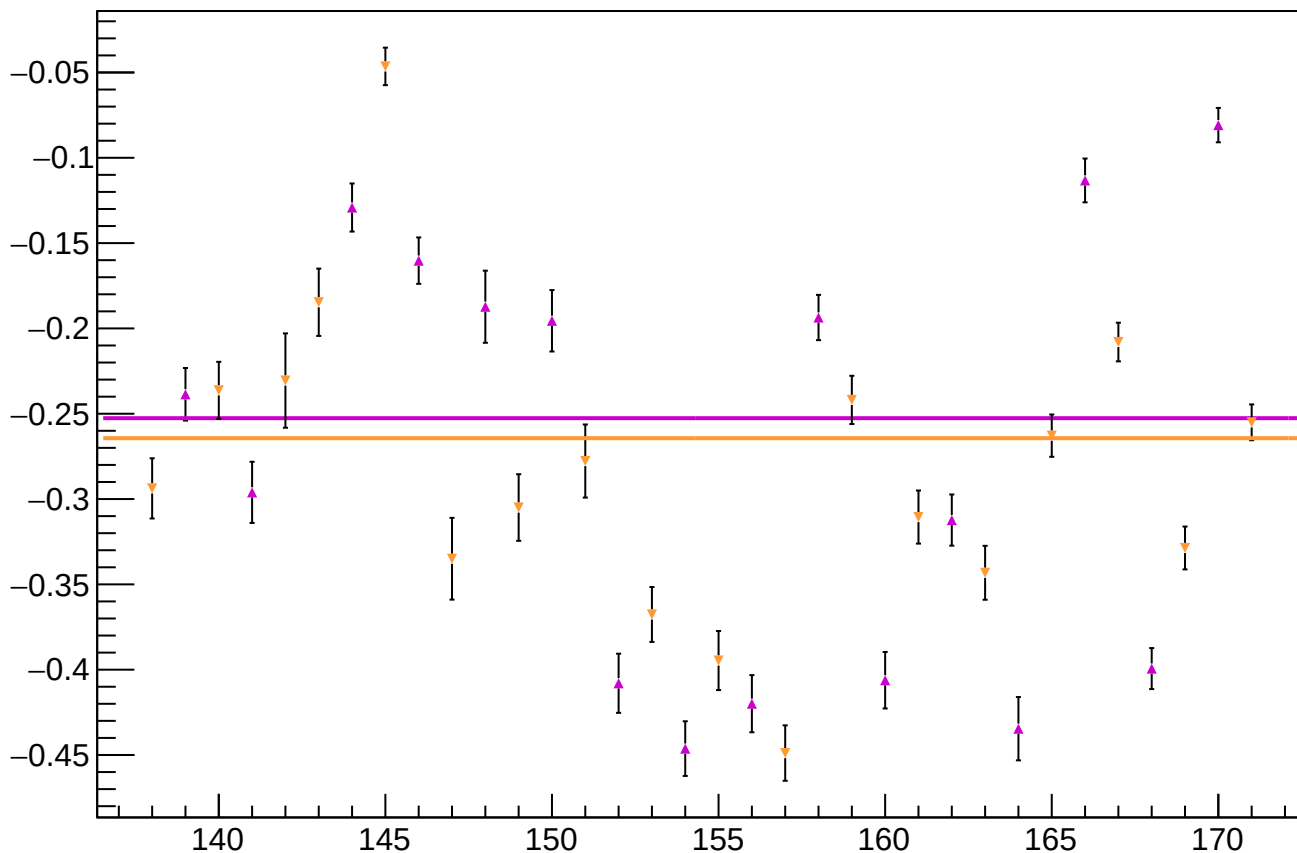
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.089+/-0.077 χ^2/NDF : 4210.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.254+/-0.080 χ^2/NDF : 4235.7/15

Left: 41.687+/-0.056 χ^2/NDF : 8502.4/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.254+/-0.080 χ^2/NDF : 4235.7/15
 Out: 42.089+/-0.077 χ^2/NDF : 4210.7/17
 All: 41.687+/-0.056 χ^2/NDF : 8502.4/33

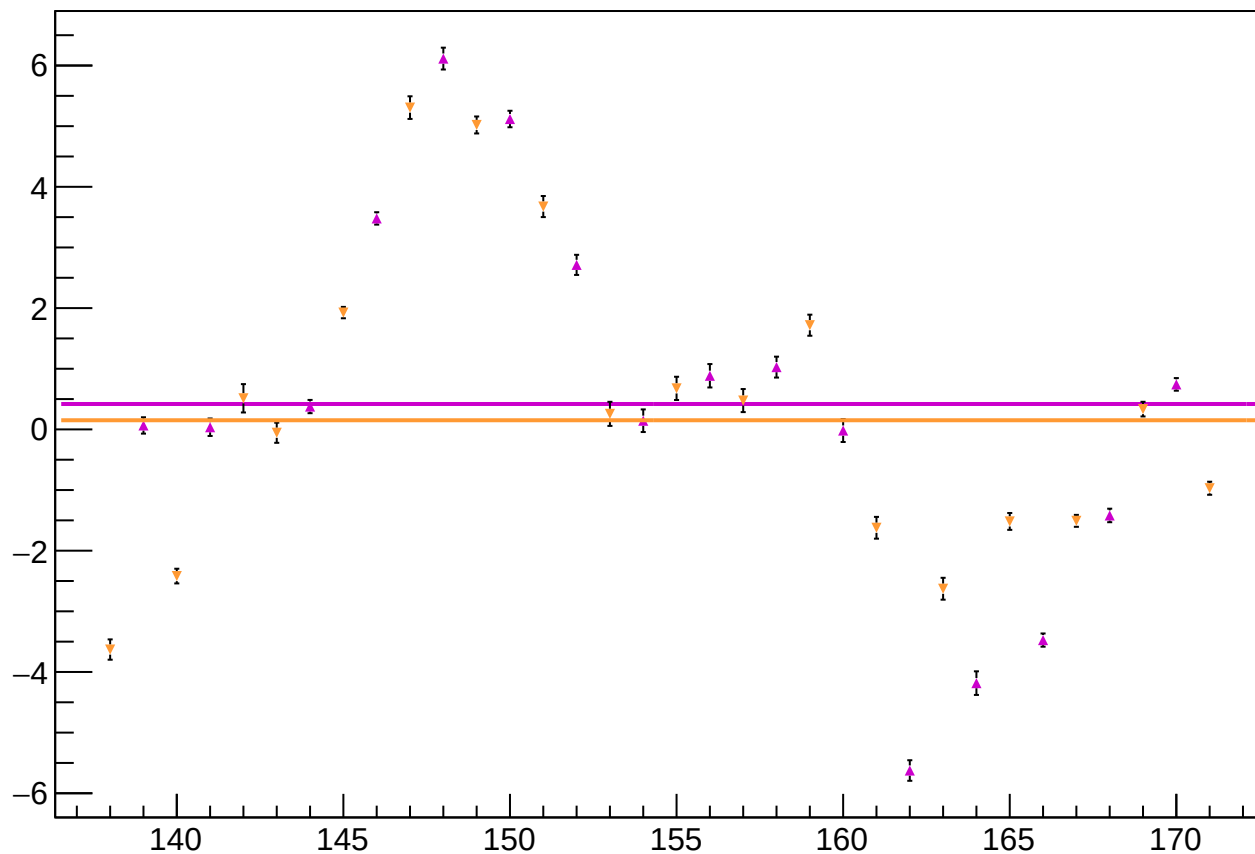
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.264+/-0.004 χ^2/NDF : 745.2/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.253+/-0.004 χ^2/NDF : 1250.8/15

Left: -0.259+/-0.003 χ^2/NDF : 2001.2/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.253+/-0.004 χ^2/NDF : 1250.8/15
 Out: -0.264+/-0.004 χ^2/NDF : 745.2/17
 All: -0.259+/-0.003 χ^2/NDF : 2001.2/33

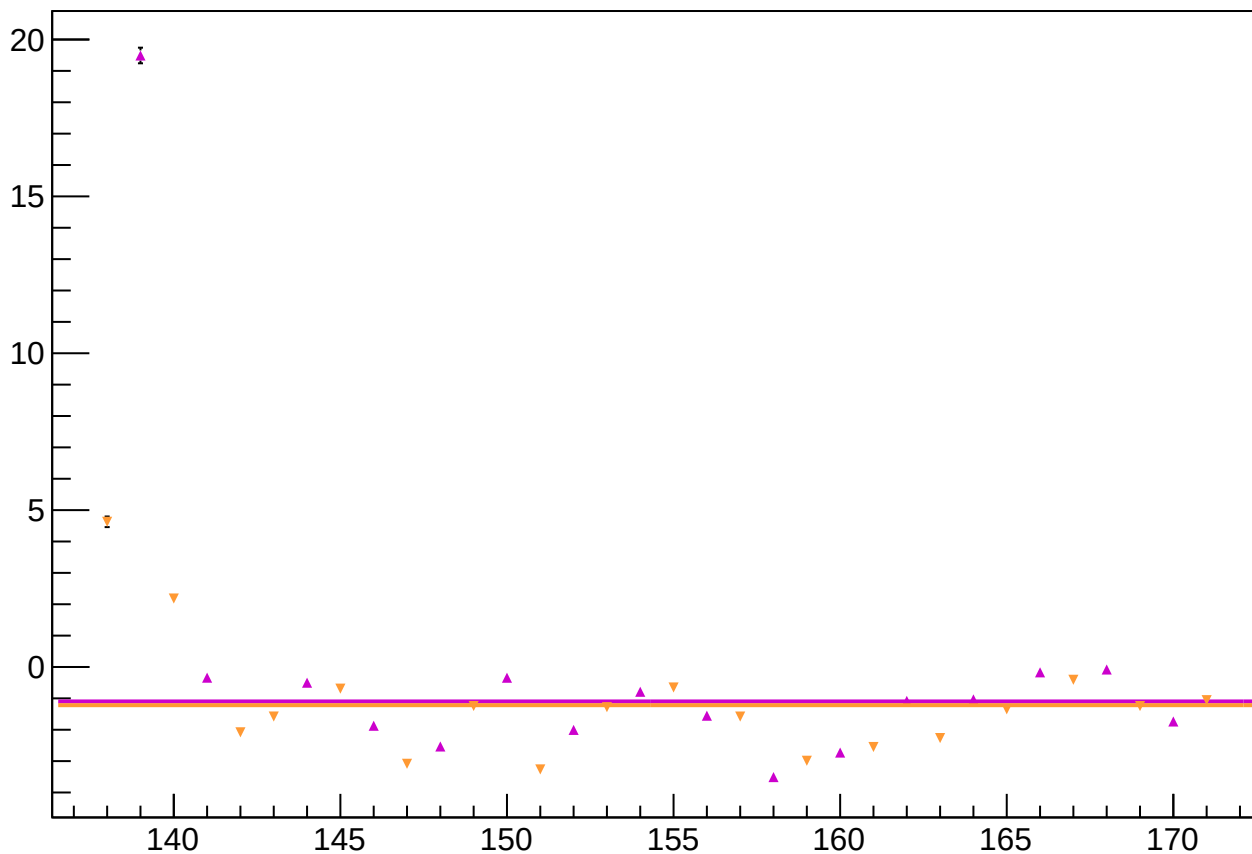
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.151+/-0.034 χ^2/NDF :4669.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.419+/-0.035 χ^2/NDF :6709.5/15

Left: 0.282+/-0.024 χ^2/NDF : 11410.2/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.419+/-0.035 χ^2/NDF :6709.5/15
 Out: 0.151+/-0.034 χ^2/NDF :4669.9/17
 All: 0.282+/-0.024 χ^2/NDF : 11410.2/33

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



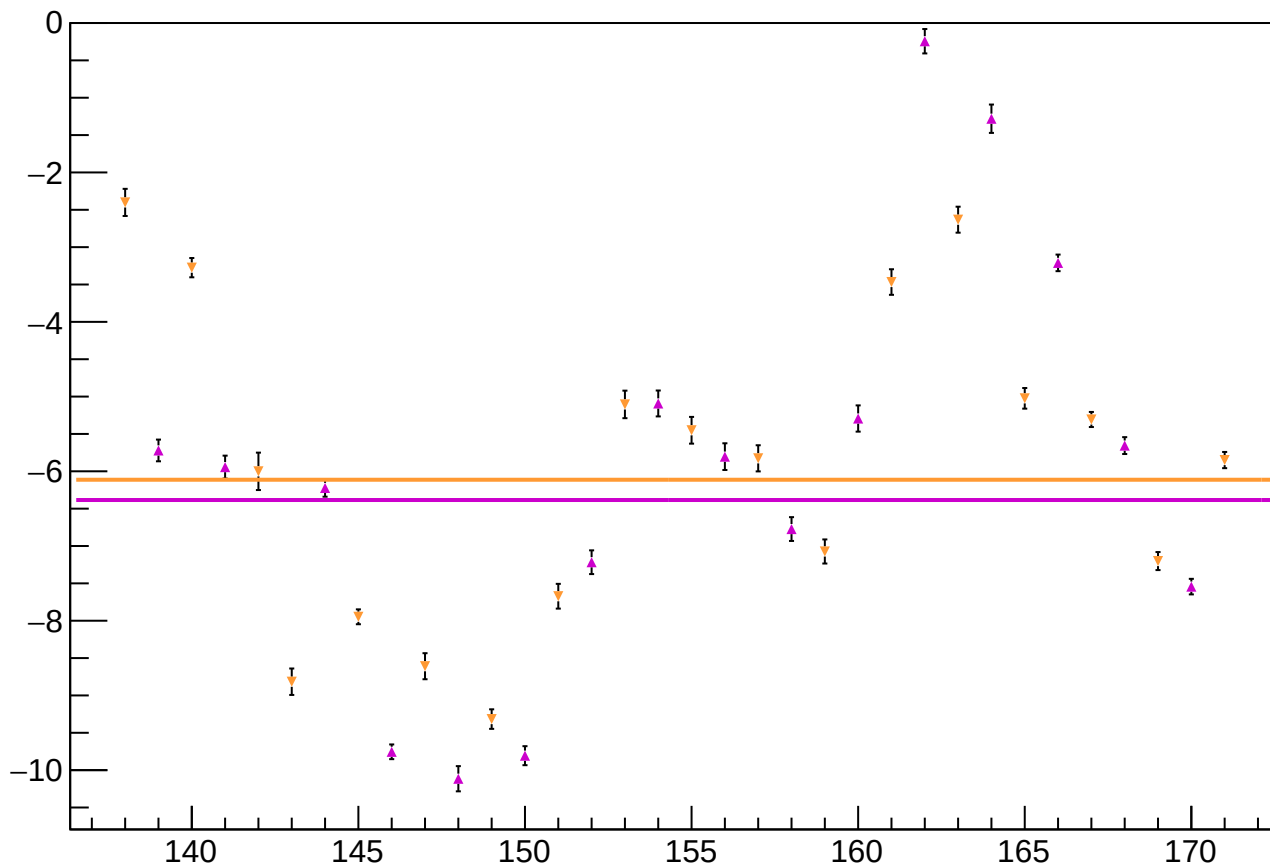
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.218+/-0.025 χ^2/NDF : 3785.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.098+/-0.026 χ^2/NDF : 8327.9/15

Left: -1.159+/-0.018 χ^2/NDF : 12124.1/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.098+/-0.026 χ^2/NDF : 8327.9/15
 Out: -1.218+/-0.025 χ^2/NDF : 3785.0/17

All: -1.159+/-0.018 χ^2/NDF : 12124.1/33

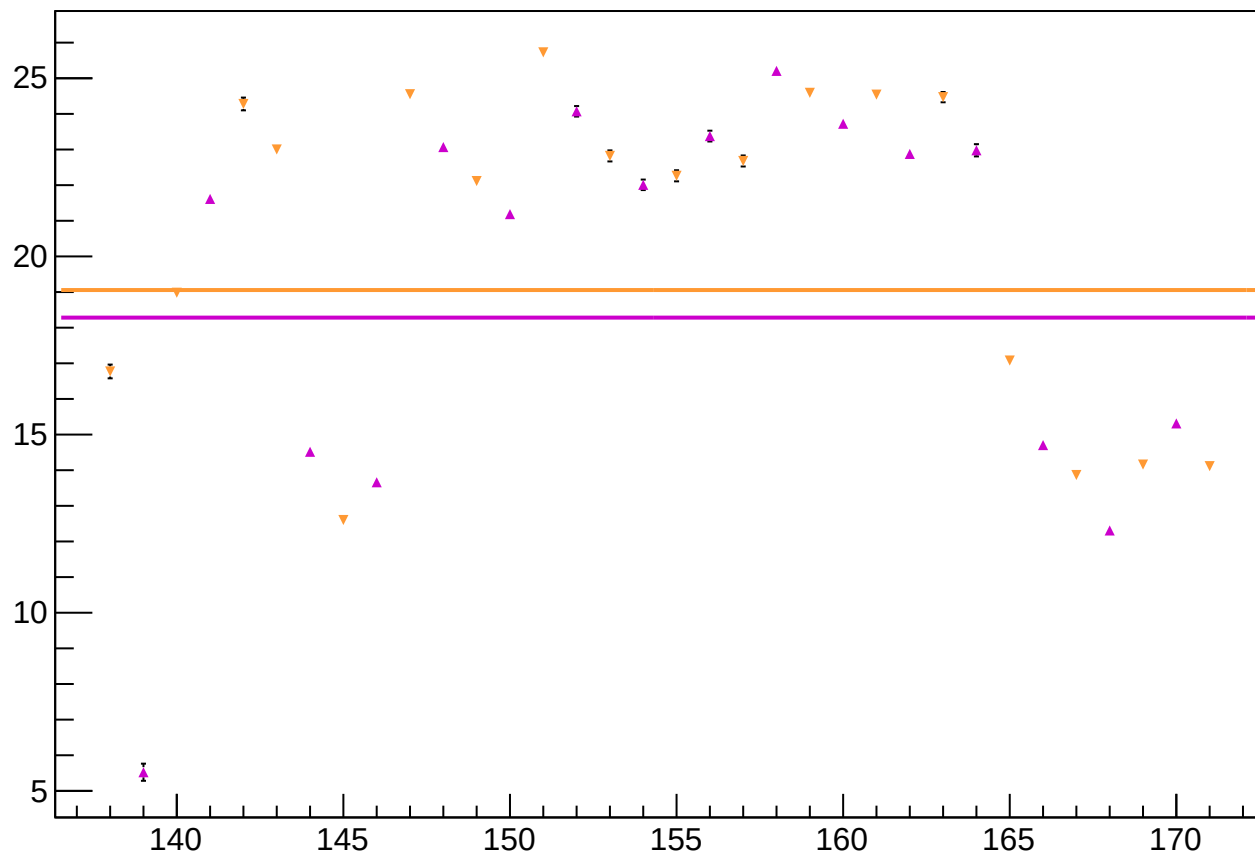
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.113 $\pm$ 0.034 χ^2 /NDF:3301.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15

Left: -6.248 $\pm$ 0.024 χ^2 /NDF: 9008.3/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15
 Out: -6.113 $\pm$ 0.034 χ^2 /NDF:3301.8/17
 All: -6.248 $\pm$ 0.024 χ^2 /NDF: 9008.3/33

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: 19.056+/-0.029 χ^2/NDF :28036.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.282+/-0.029 χ^2/NDF :25720.8/15

Left: 18.680+/-0.021 χ^2/NDF : 54111.7/33

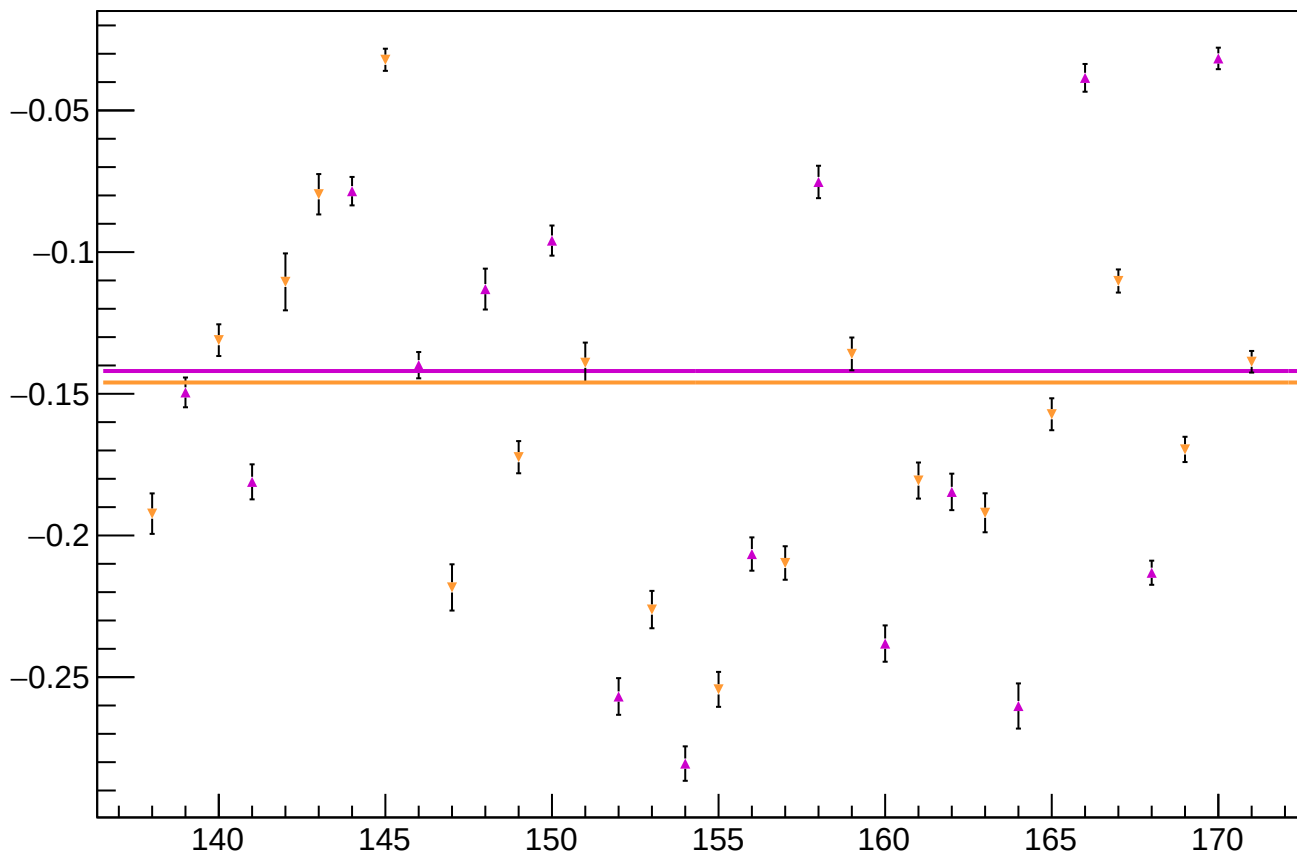
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.282+/-0.029 χ^2/NDF :25720.8/15

Out: 19.056+/-0.029 χ^2/NDF :28036.7/17

All: 18.680+/-0.021 χ^2/NDF : 54111.7/33

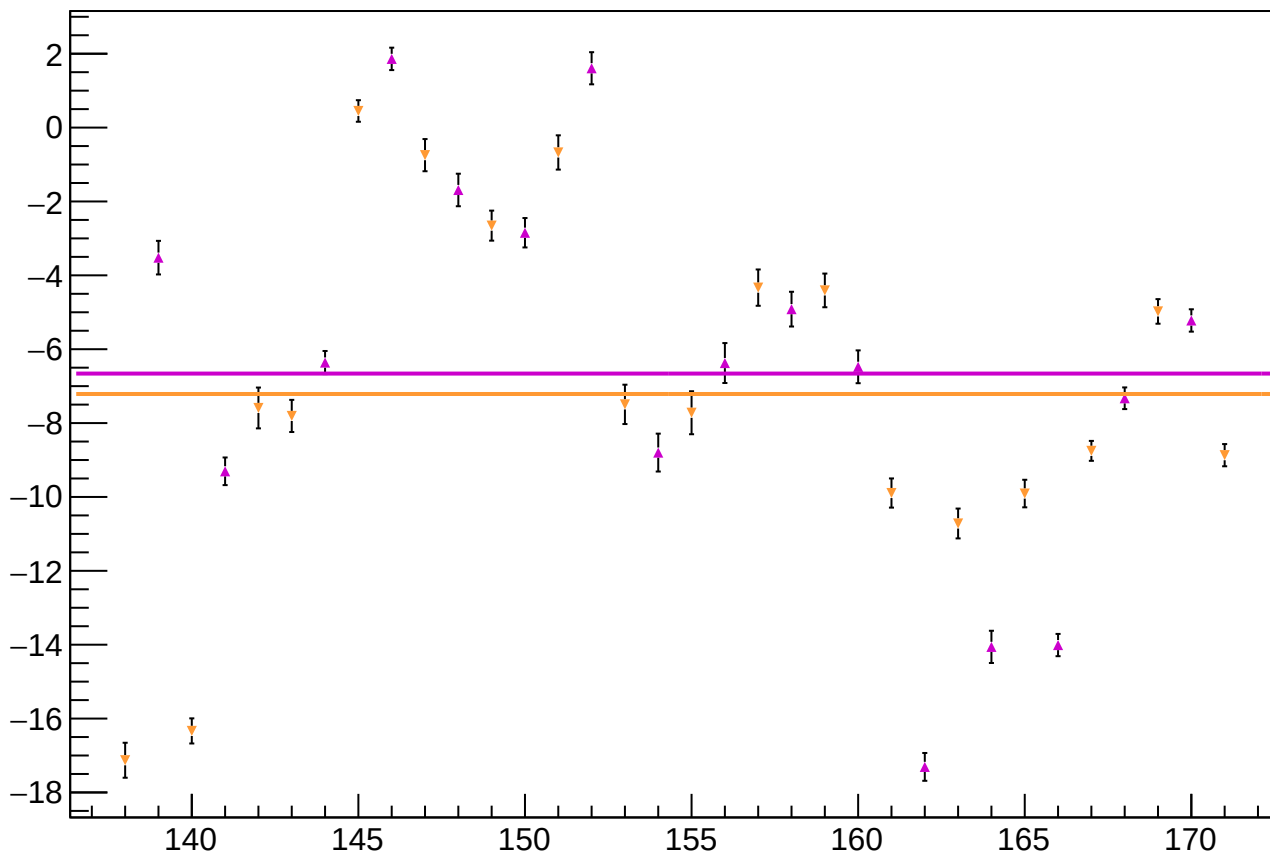
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.146+/-0.001 χ^2/NDF :1860.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.142+/-0.001 χ^2/NDF :3444.0/15

Left: -0.144+/-0.001 χ^2/NDF : 5309.3/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.142+/-0.001 χ^2/NDF :3444.0/15
 Out: -0.146+/-0.001 χ^2/NDF :1860.7/17
 All: -0.144+/-0.001 χ^2/NDF : 5309.3/33

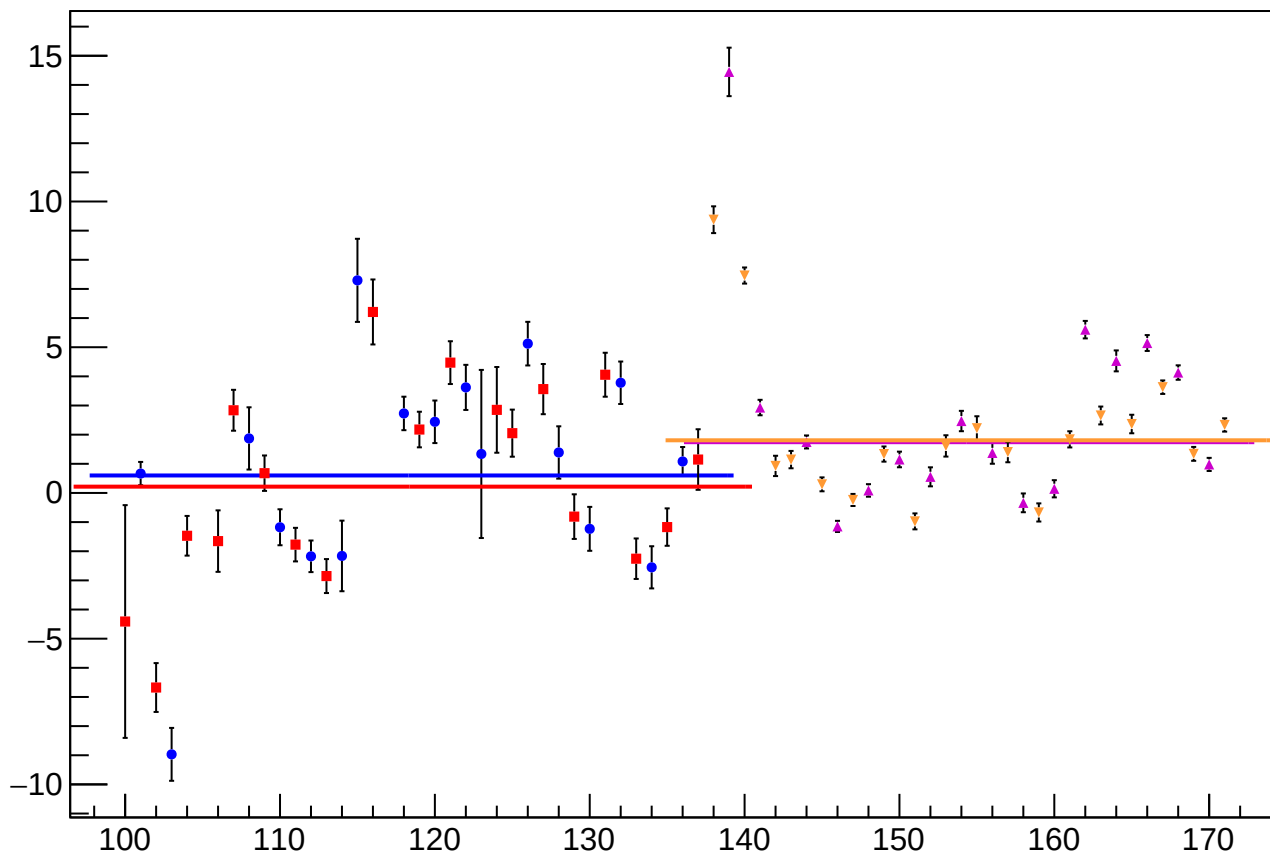
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.212+/-0.092 χ^2/NDF : 2748.8/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.660+/-0.094 χ^2/NDF : 3208.2/15

Left: -6.943+/-0.066 χ^2/NDF : 5974.6/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.660+/-0.094 χ^2/NDF : 3208.2/15
 Out: -7.212+/-0.092 χ^2/NDF : 2748.8/17
 All: -6.943+/-0.066 χ^2/NDF : 5974.6/33

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.807 ± 0.066 χ^2/NDF : 1093.4/17

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.742 ± 0.069 χ^2/NDF : 1122.1/15

Left: 1.775 ± 0.048 χ^2/NDF : 2216.0/33

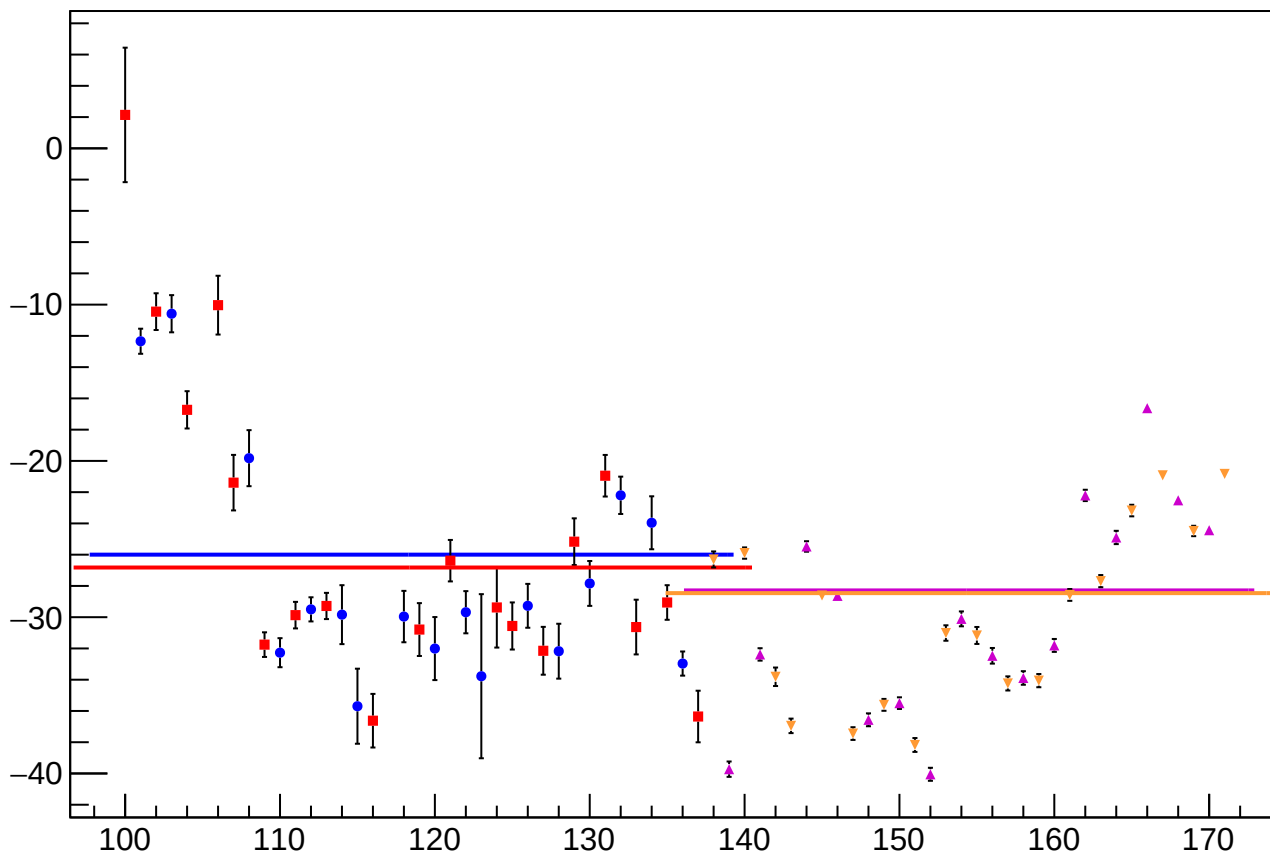
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.581 ± 0.064 χ^2/NDF : 1453.2/32

Out: 1.606 ± 0.062 χ^2/NDF : 1440.4/36

All: 1.594 ± 0.044 χ^2/NDF : 2893.7/69

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 $\chi^2/\text{NDF}: 692.6/16$

Left Out: -28.460 ± 0.092 $\chi^2/\text{NDF}: 3927.2/17$

Right Out: -26.821 ± 0.298 $\chi^2/\text{NDF}: 580.9/18$

Left In: -28.287 ± 0.093 $\chi^2/\text{NDF}: 4943.6/15$

Left: -28.375 ± 0.065 $\chi^2/\text{NDF}: 8872.6/33$

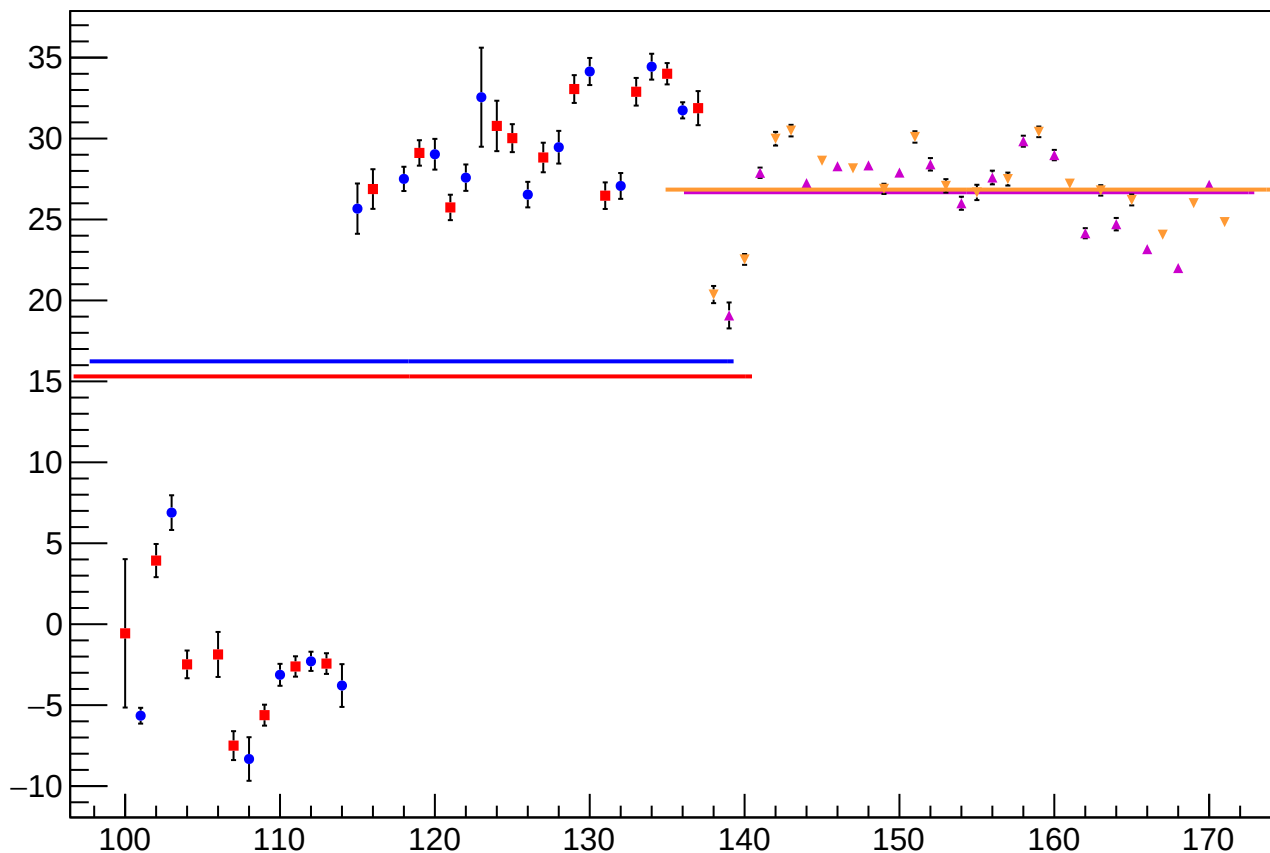
Right: -26.413 ± 0.211 $\chi^2/\text{NDF}: 1277.3/35$

In: -28.086 ± 0.089 $\chi^2/\text{NDF}: 5689.2/32$

Out: -28.318 ± 0.087 $\chi^2/\text{NDF}: 4535.9/36$

All: -28.204 ± 0.062 $\chi^2/\text{NDF}: 10228.6/69$

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: 26.847 $\pm$ 0.077 χ^2 /NDF:943.6/17

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 26.684 $\pm$ 0.079 χ^2 /NDF:868.3/15

Left: 26.768 $\pm$ 0.055 χ^2 /NDF: 1814.1/33

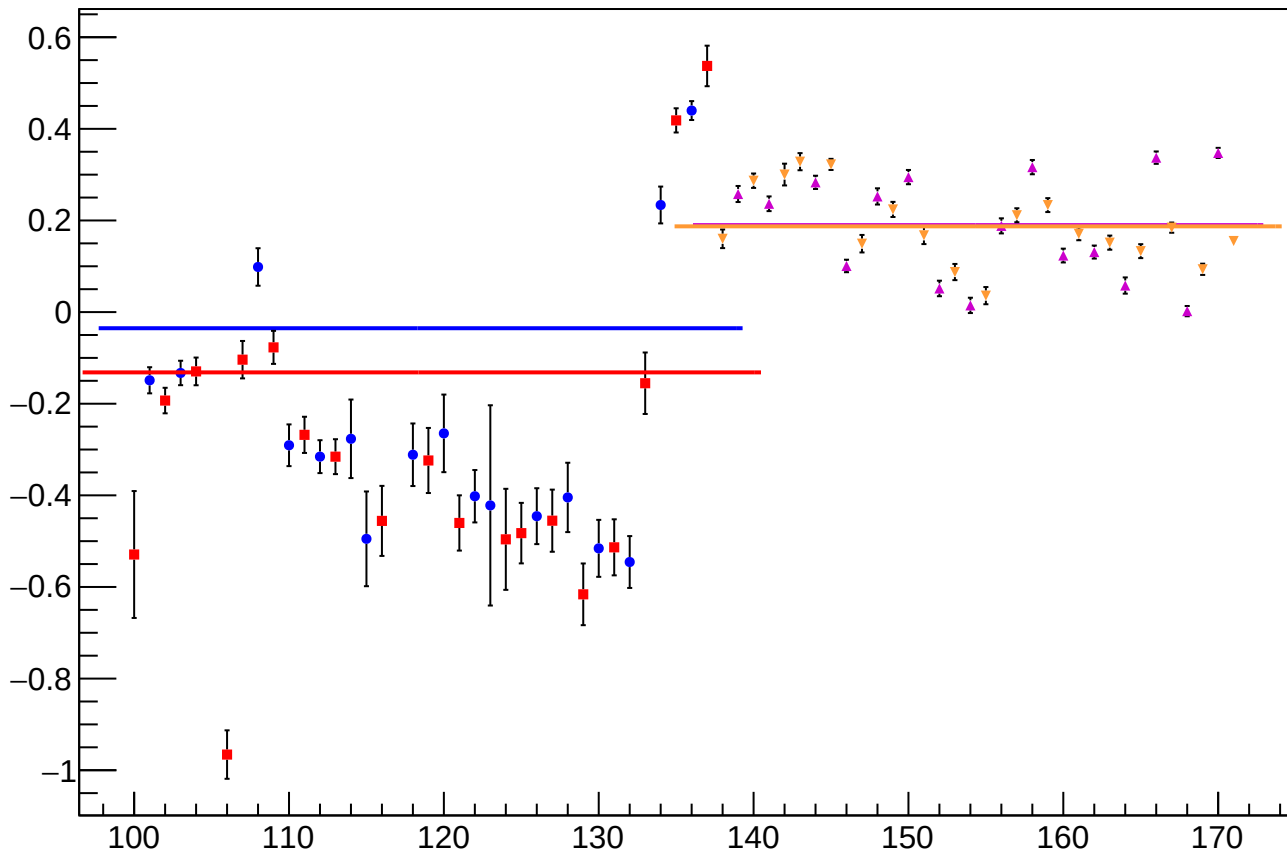
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 25.151 $\pm$ 0.073 χ^2 /NDF:10990.7/32

Out: 25.330 $\pm$ 0.071 χ^2 /NDF:11197.2/36

All: 25.243 $\pm$ 0.051 χ^2 /NDF: 22191.0/69

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: 0.187 ± 0.004 χ^2/NDF : 450.8/17

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.190 ± 0.004 χ^2/NDF : 1101.6/15

Left: 0.188 ± 0.003 χ^2/NDF : 1552.6/33

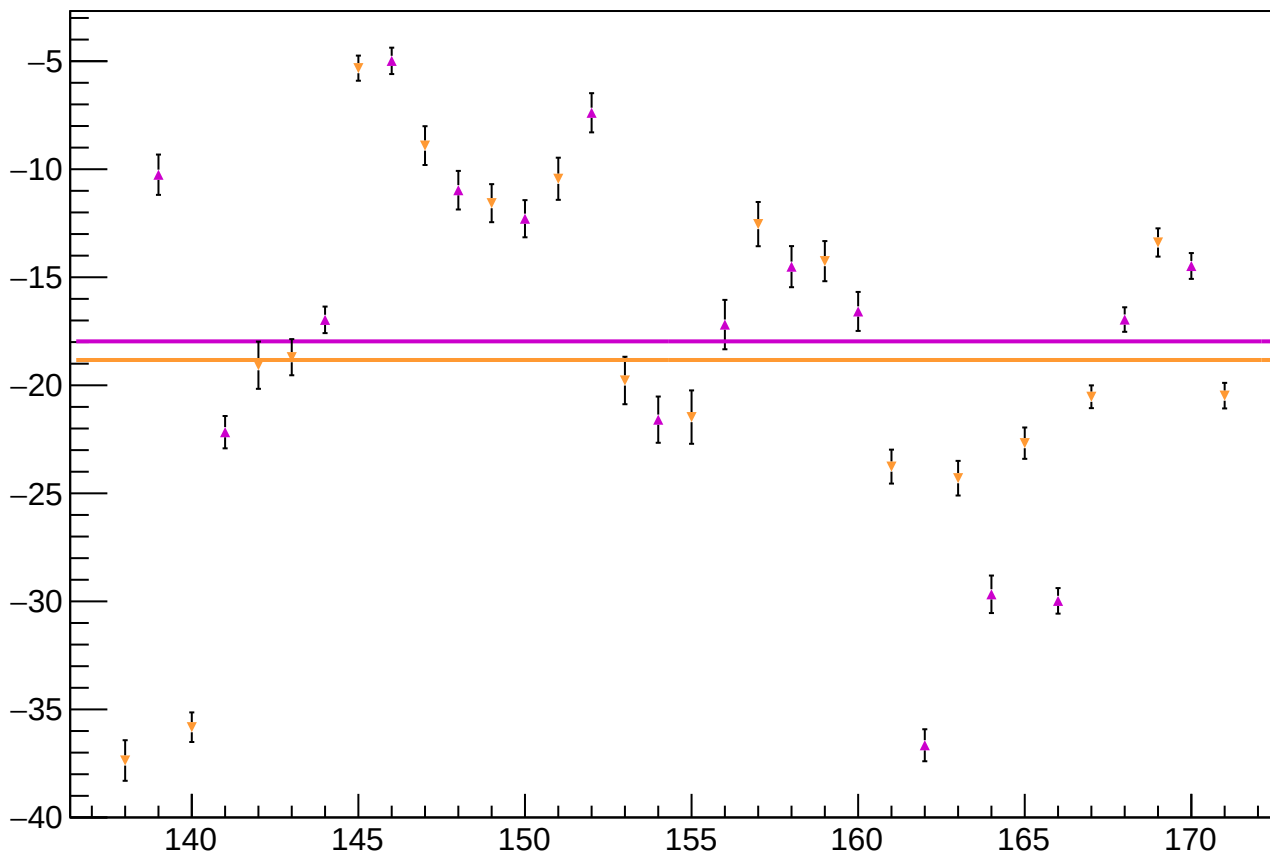
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.164 ± 0.003 χ^2/NDF : 2536.8/32

Out: 0.153 ± 0.003 χ^2/NDF : 2467.2/36

All: 0.159 ± 0.002 χ^2/NDF : 5009.2/69

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: -18.829+/-0.184 χ^2/NDF : 2077.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.967+/-0.189 χ^2/NDF : 2091.5/15

Left: -18.410+/-0.132 χ^2/NDF : 4179.9/33

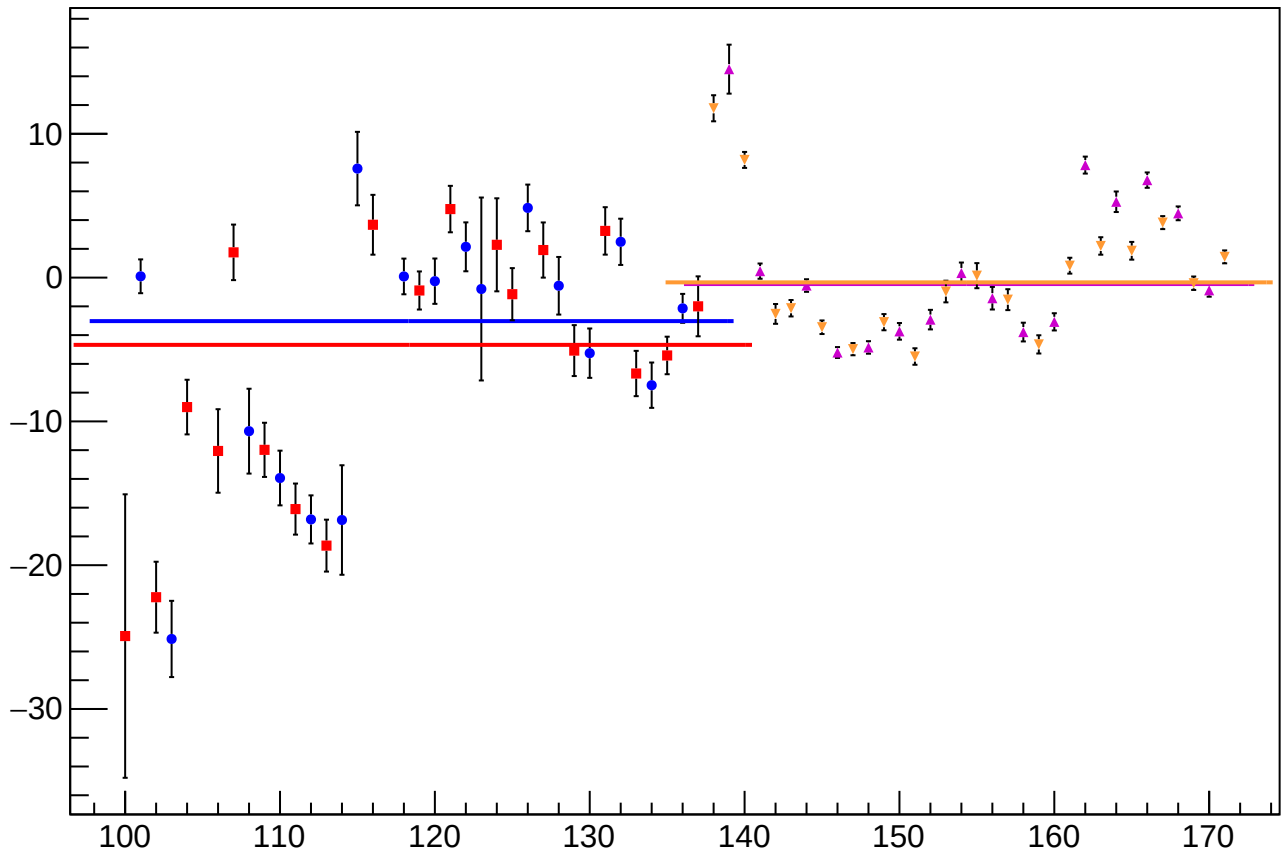
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.967+/-0.189 χ^2/NDF : 2091.5/15

Out: -18.829+/-0.184 χ^2/NDF : 2077.7/17

All: -18.410+/-0.132 χ^2/NDF : 4179.9/33

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: -0.331 ± 0.133 χ^2/NDF : 885.8/17

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -0.448 ± 0.137 χ^2/NDF : 985.0/15

Left: -0.387 ± 0.096 χ^2/NDF : 1871.2/33

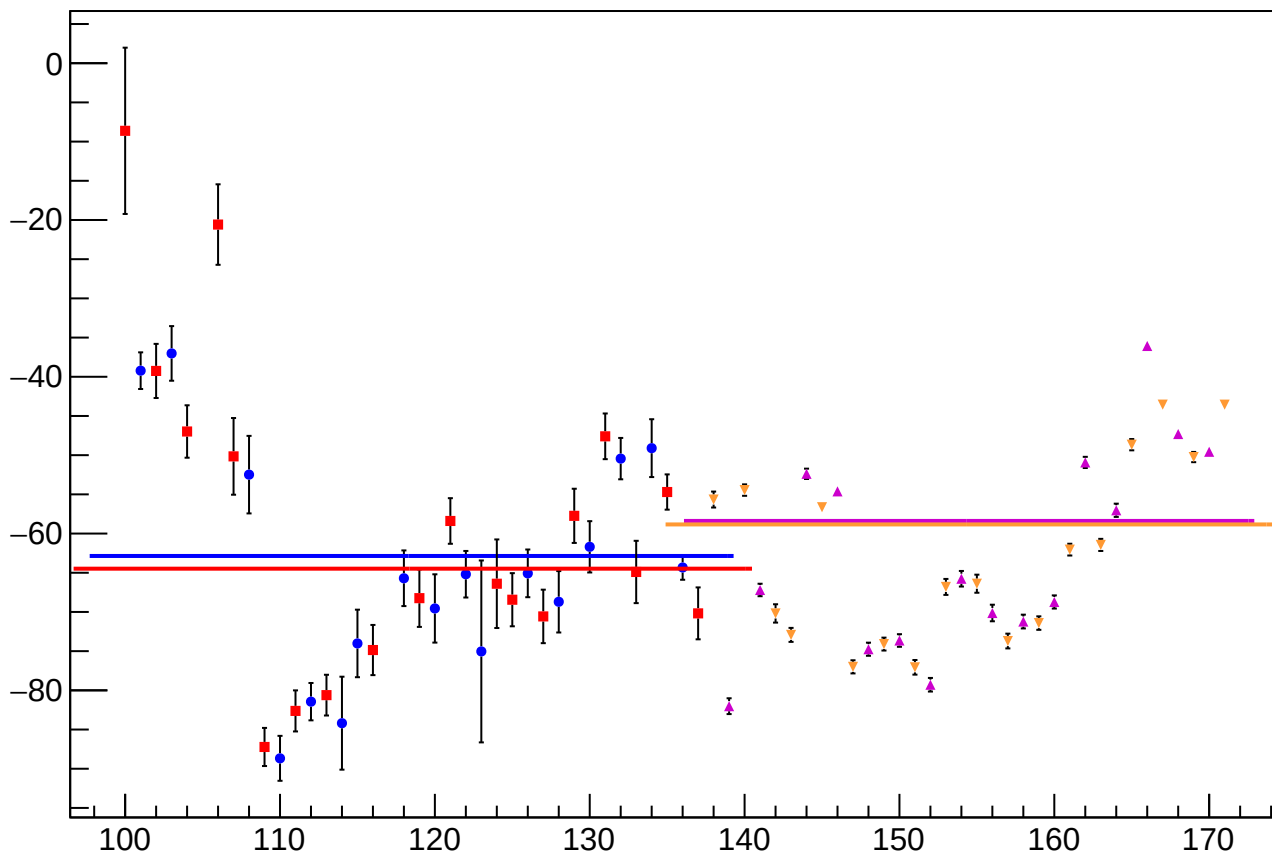
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.711 ± 0.130 χ^2/NDF : 1301.5/32

Out: -0.718 ± 0.127 χ^2/NDF : 1279.7/36

All: -0.714 ± 0.091 χ^2/NDF : 2581.2/69

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -58.836 ± 0.184 χ^2/NDF : 4027.3/17

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -58.389 ± 0.187 χ^2/NDF : 4734.9/15

Left: -58.617 ± 0.131 χ^2/NDF : 8765.1/33

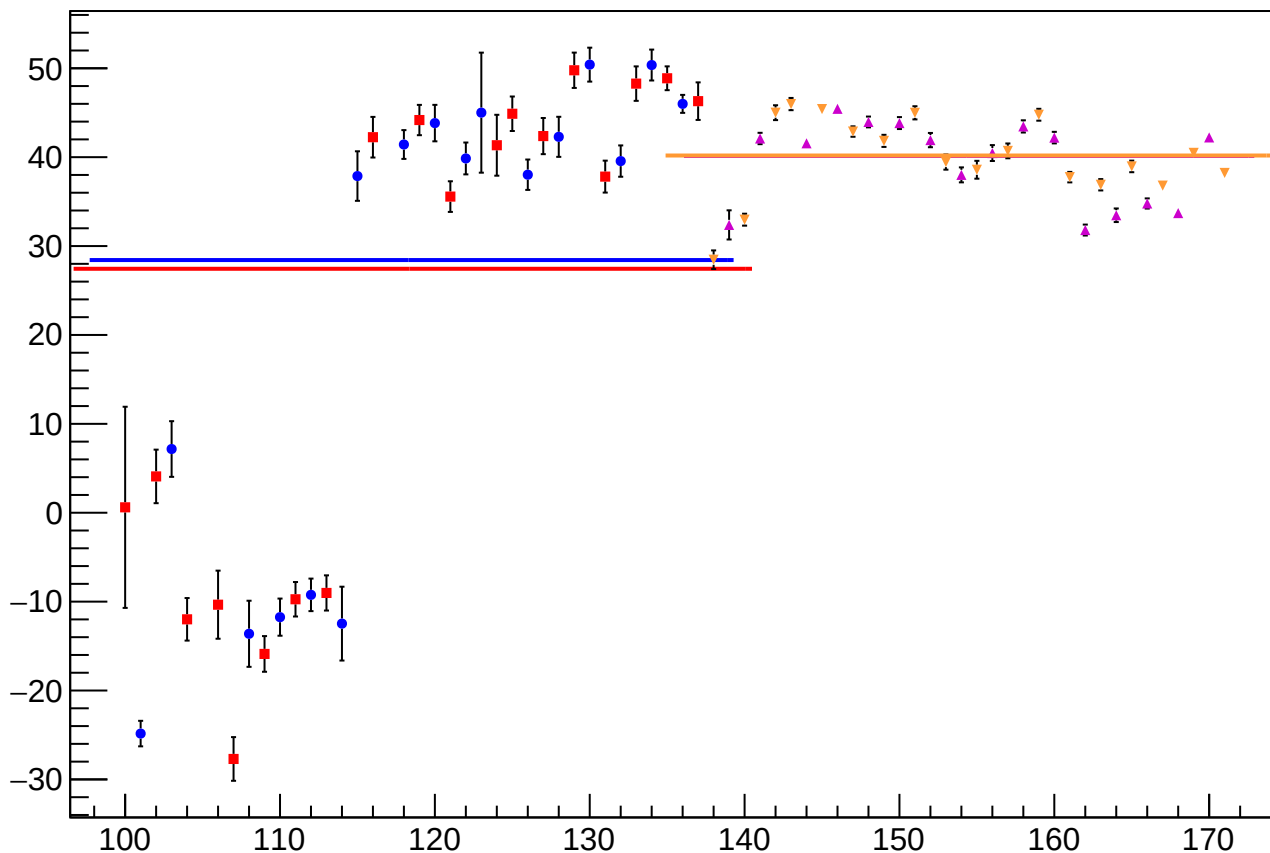
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -58.658 ± 0.181 χ^2/NDF : 5137.0/32

Out: -59.154 ± 0.178 χ^2/NDF : 4524.5/36

All: -58.910 ± 0.127 χ^2/NDF : 9665.3/69

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: 40.187 $\pm$ 0.154 χ^2 /NDF: 666.1/17

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 40.131 $\pm$ 0.159 χ^2 /NDF: 776.4/15

Left: 40.160 $\pm$ 0.111 χ^2 /NDF: 1442.6/33

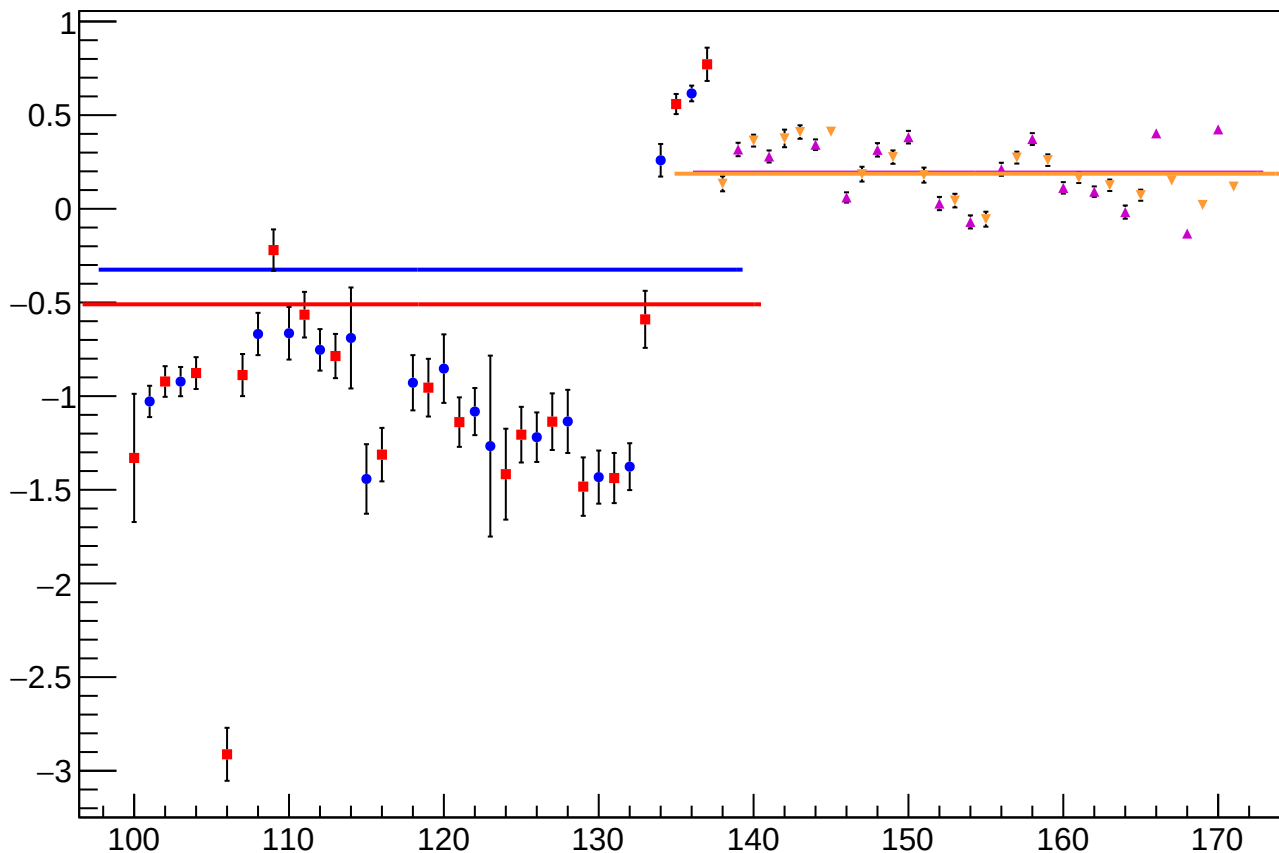
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.868 $\pm$ 0.150 χ^2 /NDF: 4682.1/32

Out: 38.995 $\pm$ 0.146 χ^2 /NDF: 4342.8/36

All: 38.933 $\pm$ 0.105 χ^2 /NDF: 9025.3/69

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: 0.187 ± 0.007 χ^2/NDF : 325.3/17

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.193 ± 0.007 χ^2/NDF : 677.7/15

Left: 0.190 ± 0.005 χ^2/NDF : 1003.3/33

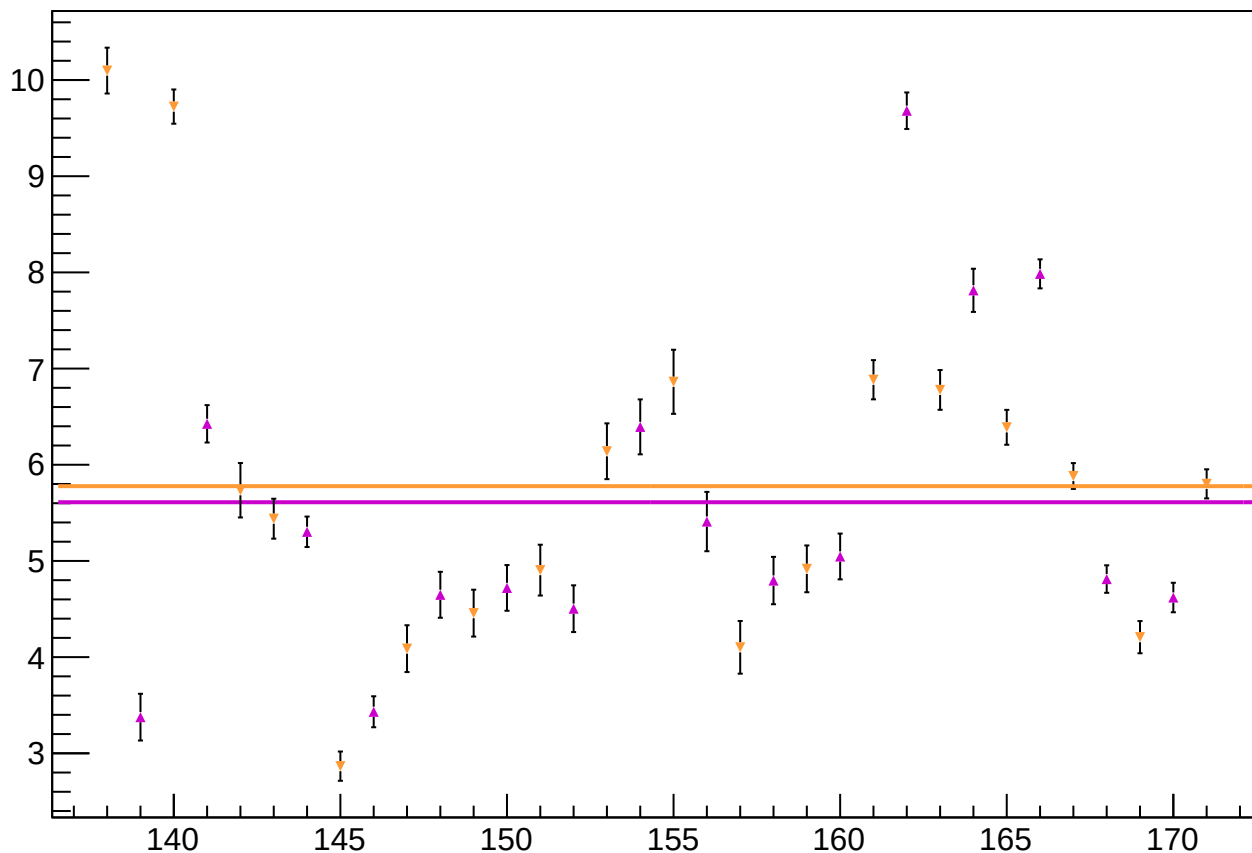
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.151 ± 0.007 χ^2/NDF : 2086.6/32

Out: 0.137 ± 0.007 χ^2/NDF : 2178.0/36

All: 0.144 ± 0.005 χ^2/NDF : 4266.5/69

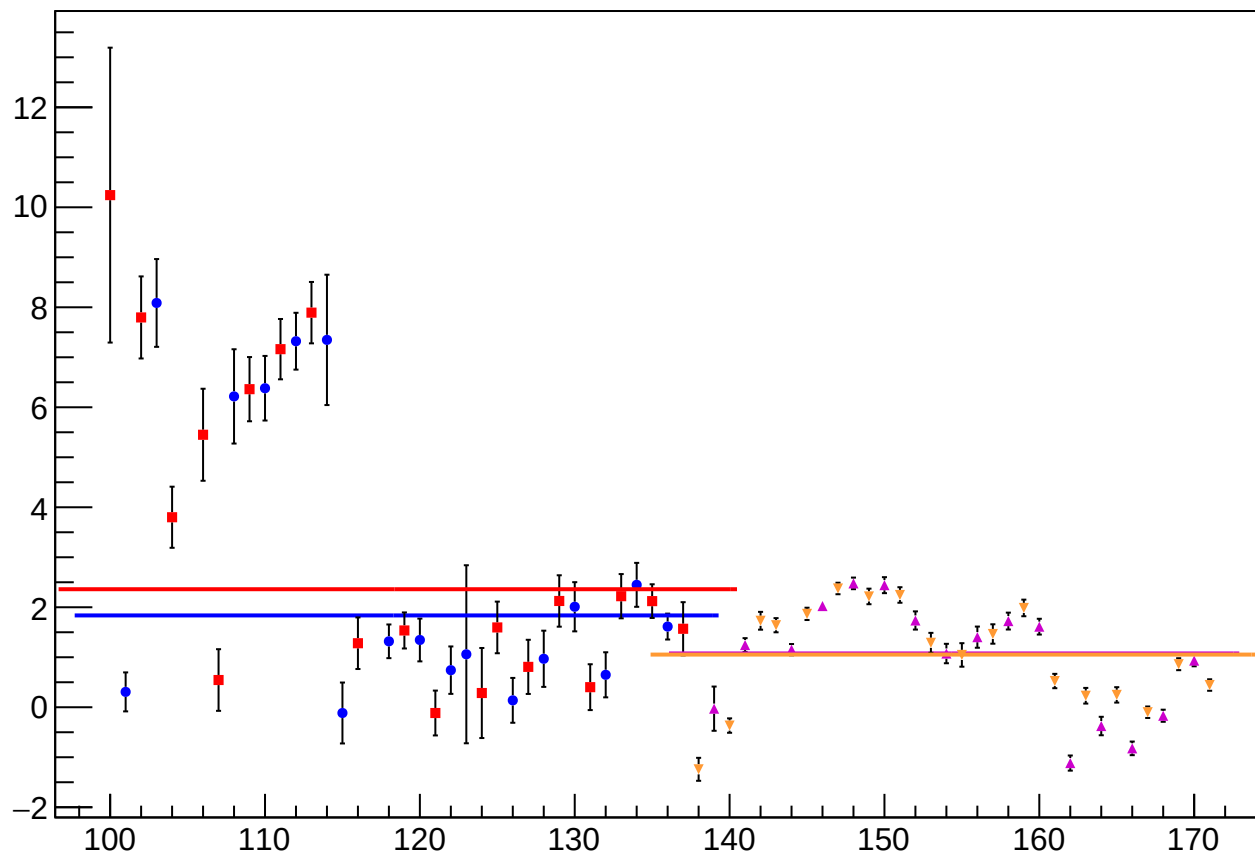
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.777+/-0.048 χ^2/NDF :1492.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.610+/-0.049 χ^2/NDF :1240.9/15

Left: 5.696+/-0.034 χ^2/NDF : 2739.1/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.610+/-0.049 χ^2/NDF :1240.9/15
 Out: 5.777+/-0.048 χ^2/NDF :1492.3/17
 All: 5.696+/-0.034 χ^2/NDF : 2739.1/33

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.053 ± 0.035 χ^2/NDF : 755.8/17

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.077 ± 0.036 χ^2/NDF : 935.6/15

Left: 1.065 ± 0.025 χ^2/NDF : 1691.6/33

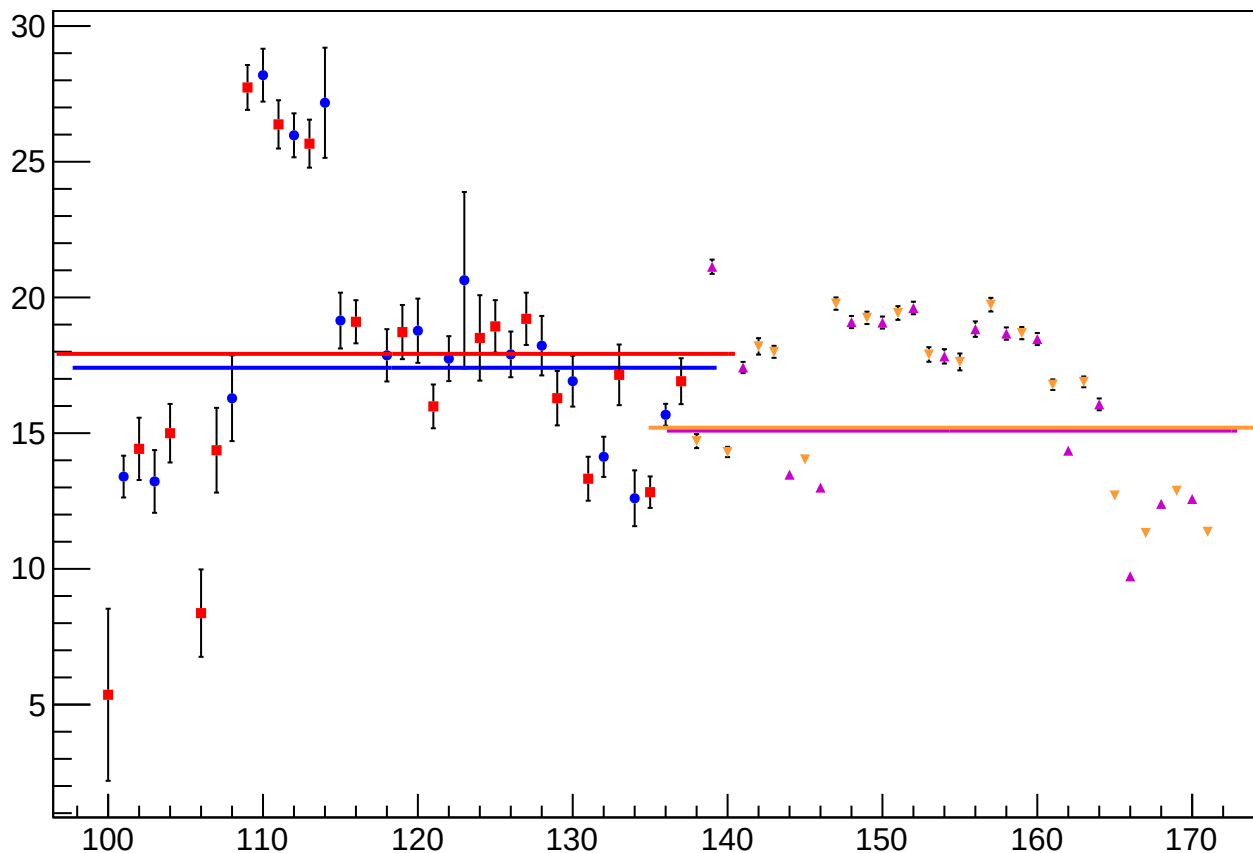
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.142 ± 0.034 χ^2/NDF : 1268.8/32

Out: 1.151 ± 0.033 χ^2/NDF : 1198.2/36

All: 1.147 ± 0.024 χ^2/NDF : 2467.1/69

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: 15.202 $\pm$ 0.048 χ^2 /NDF:4012.9/17

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 15.094 $\pm$ 0.049 χ^2 /NDF:4577.7/15

Left: 15.149 $\pm$ 0.034 χ^2 /NDF: 8593.1/33

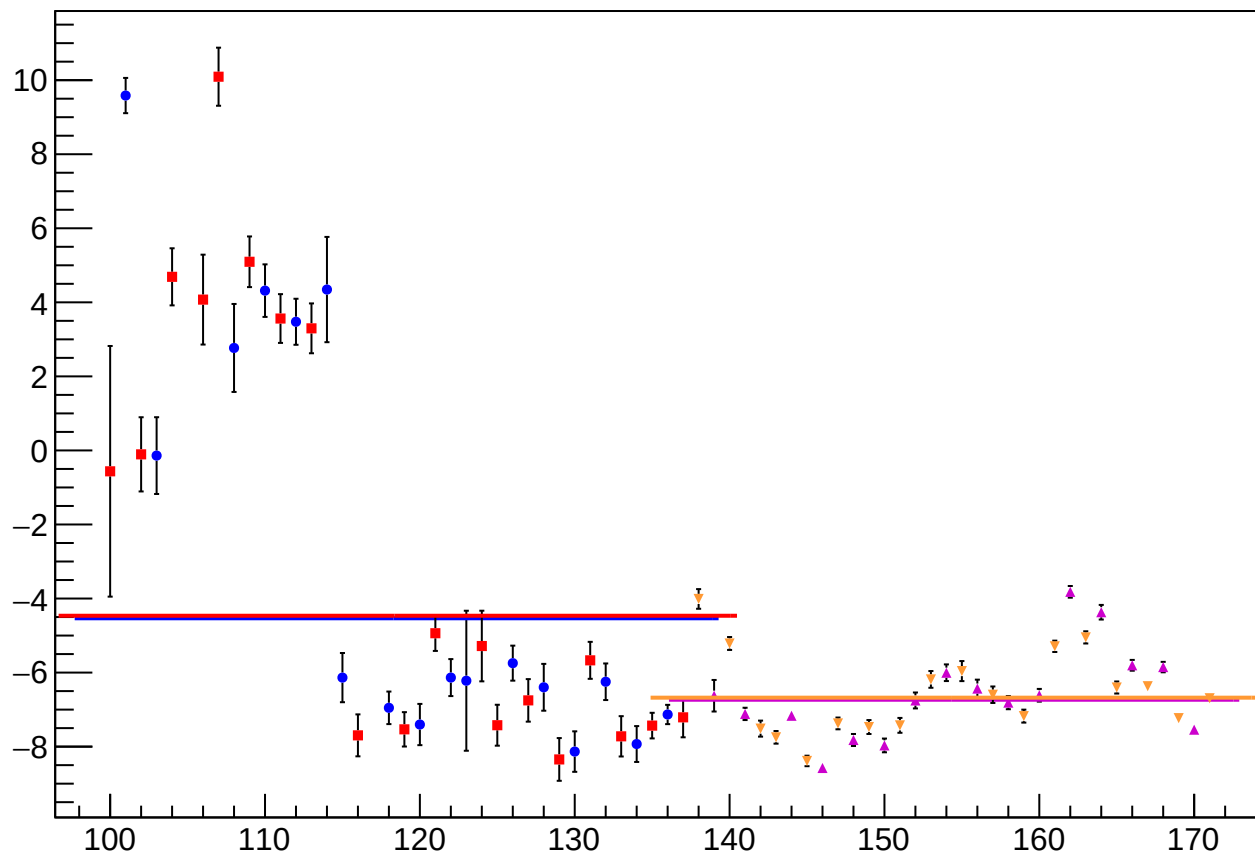
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 15.210 $\pm$ 0.047 χ^2 /NDF:5056.1/32

Out: 15.325 $\pm$ 0.047 χ^2 /NDF:4666.9/36

All: 15.269 $\pm$ 0.033 χ^2 /NDF: 9726.1/69

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.677 ± 0.040 χ^2/NDF : 646.4/17

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.733 ± 0.041 χ^2/NDF : 945.1/15

Left: -6.704 ± 0.029 χ^2/NDF : 1592.4/33

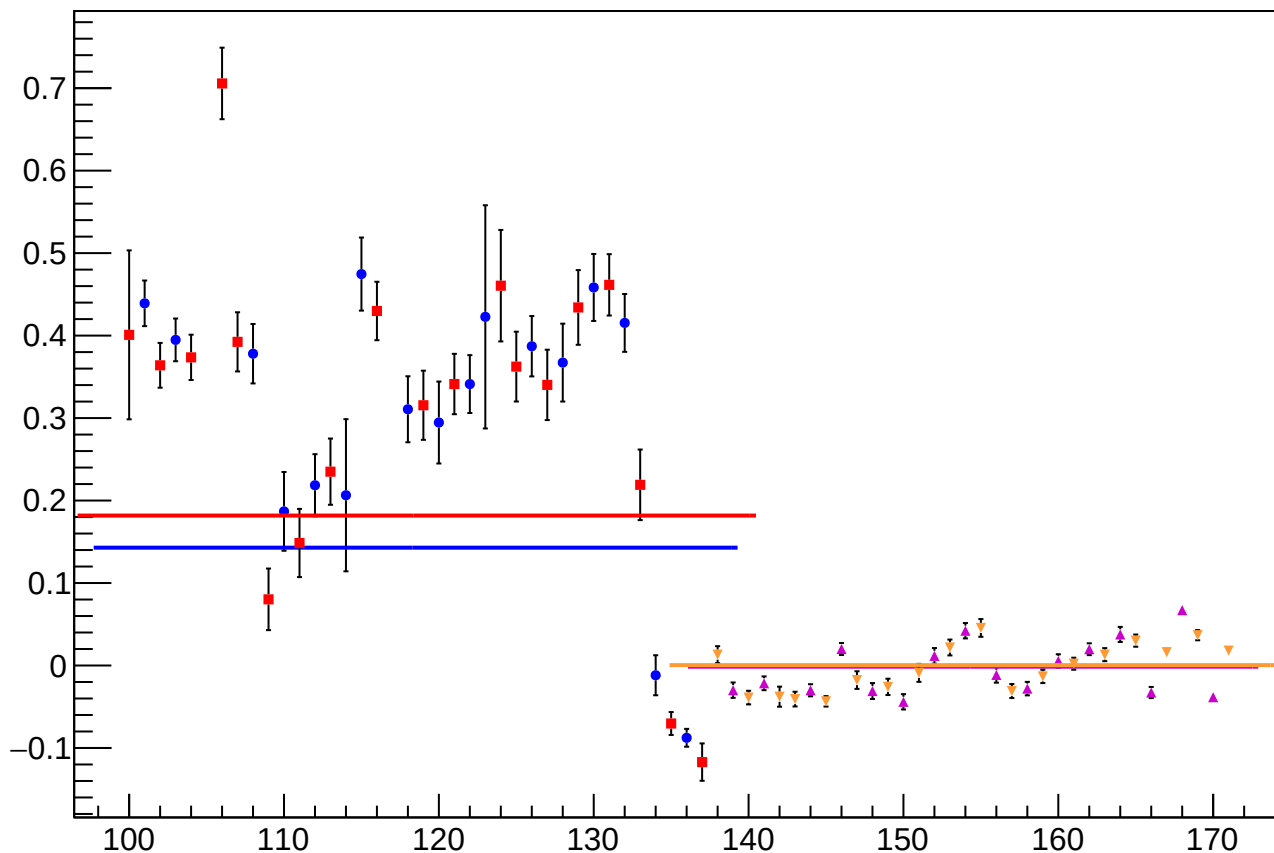
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.529 ± 0.039 χ^2/NDF : 2794.7/32

Out: -6.504 ± 0.038 χ^2/NDF : 2228.1/36

All: -6.516 ± 0.027 χ^2/NDF : 5023.0/69

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: 0.000 ± 0.002 $\chi^2/\text{NDF}: 225.1/17$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.001 ± 0.002 $\chi^2/\text{NDF}: 353.5/15$

Left: -0.000 ± 0.001 $\chi^2/\text{NDF}: 579.2/33$

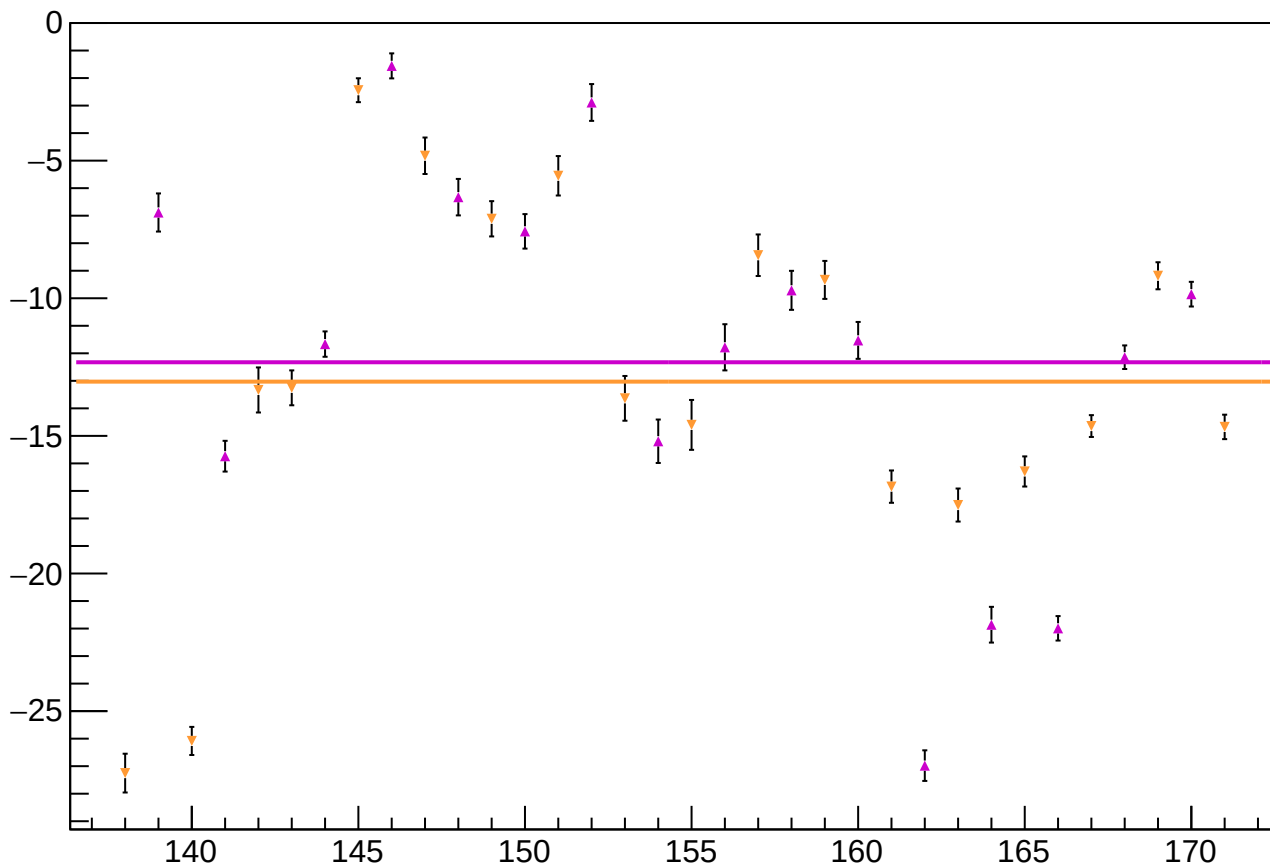
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.009 ± 0.002 $\chi^2/\text{NDF}: 1801.7/32$

Out: 0.011 ± 0.002 $\chi^2/\text{NDF}: 1800.7/36$

All: 0.010 ± 0.001 $\chi^2/\text{NDF}: 3603.4/69$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



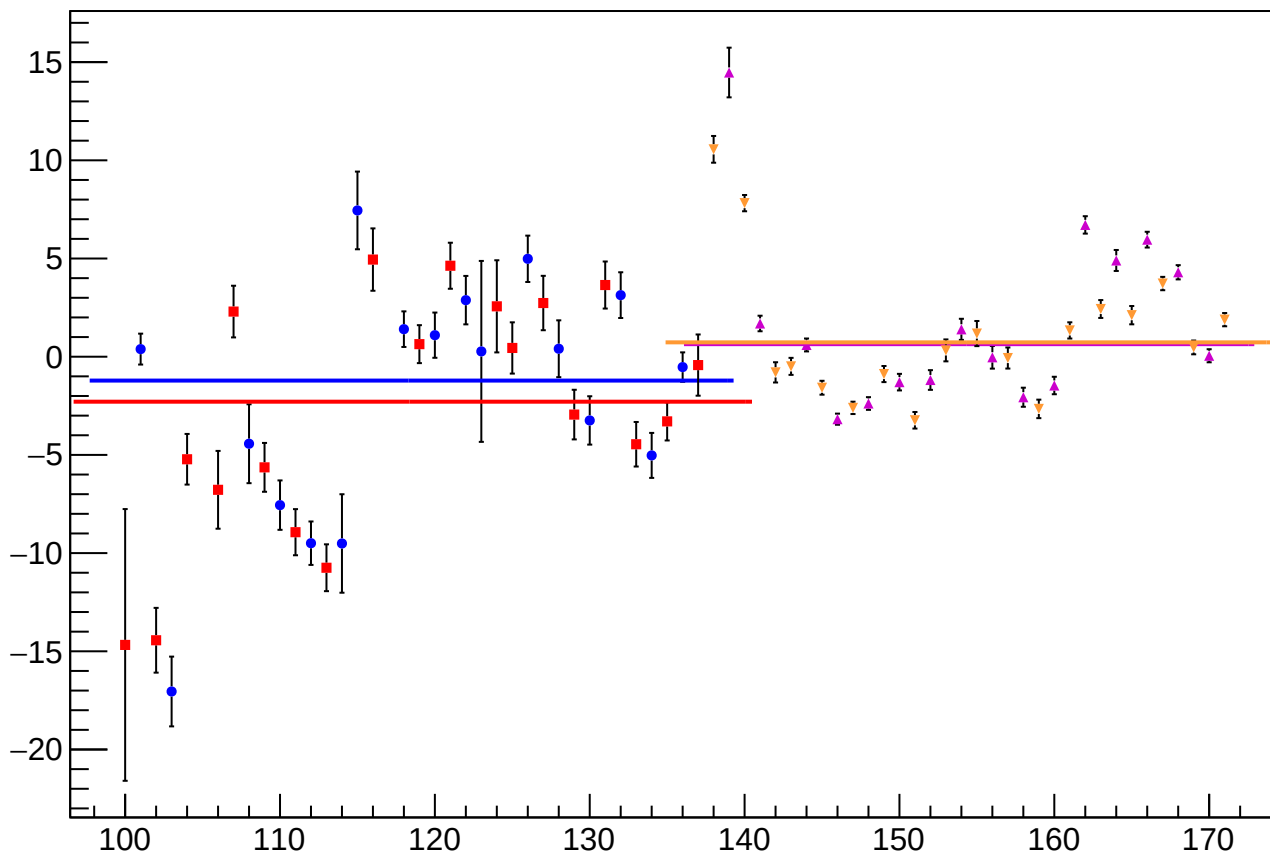
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.029+/-0.137 χ^2/NDF :2298.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.325+/-0.141 χ^2/NDF :2444.3/15

Left: -12.686+/-0.098 χ^2/NDF : 4755.1/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.325+/-0.141 χ^2/NDF :2444.3/15
 Out: -13.029+/-0.137 χ^2/NDF :2298.1/17

All: -12.686+/-0.098 χ^2/NDF : 4755.1/33

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 0.290 χ^2 /NDF: 278.7/16

Left Out: 0.731 $\pm$ 0.099 χ^2 /NDF:946.9/17

Right Out: -2.290 $\pm$ 0.302 χ^2 /NDF: 287.1/18

Left In: 0.639 $\pm$ 0.103 χ^2 /NDF:1019.8/15

Left: 0.687 $\pm$ 0.071 χ^2 /NDF: 1967.1/33

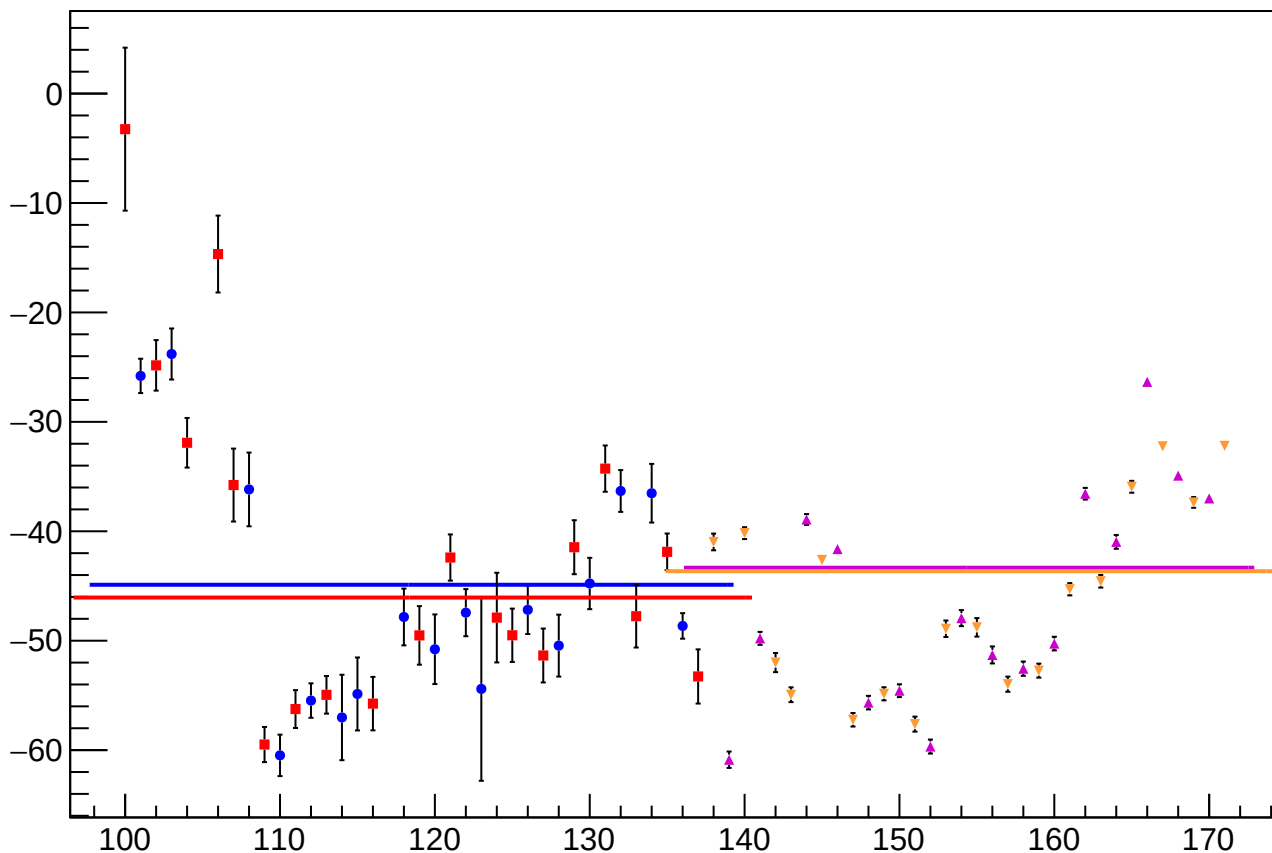
Right: -1.731 $\pm$ 0.209 χ^2 /NDF: 572.4/35

In: 0.434 $\pm$ 0.097 χ^2 /NDF:1334.8/32

Out: 0.436 $\pm$ 0.094 χ^2 /NDF:1324.2/36

All: 0.435 $\pm$ 0.068 χ^2 /NDF: 2659.1/69

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -43.648 ± 0.137 $\chi^2/\text{NDF}: 4006.9/17$

Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

Left In: -43.330 ± 0.139 $\chi^2/\text{NDF}: 4799.6/15$

Left: -43.492 ± 0.098 $\chi^2/\text{NDF}: 8809.1/33$

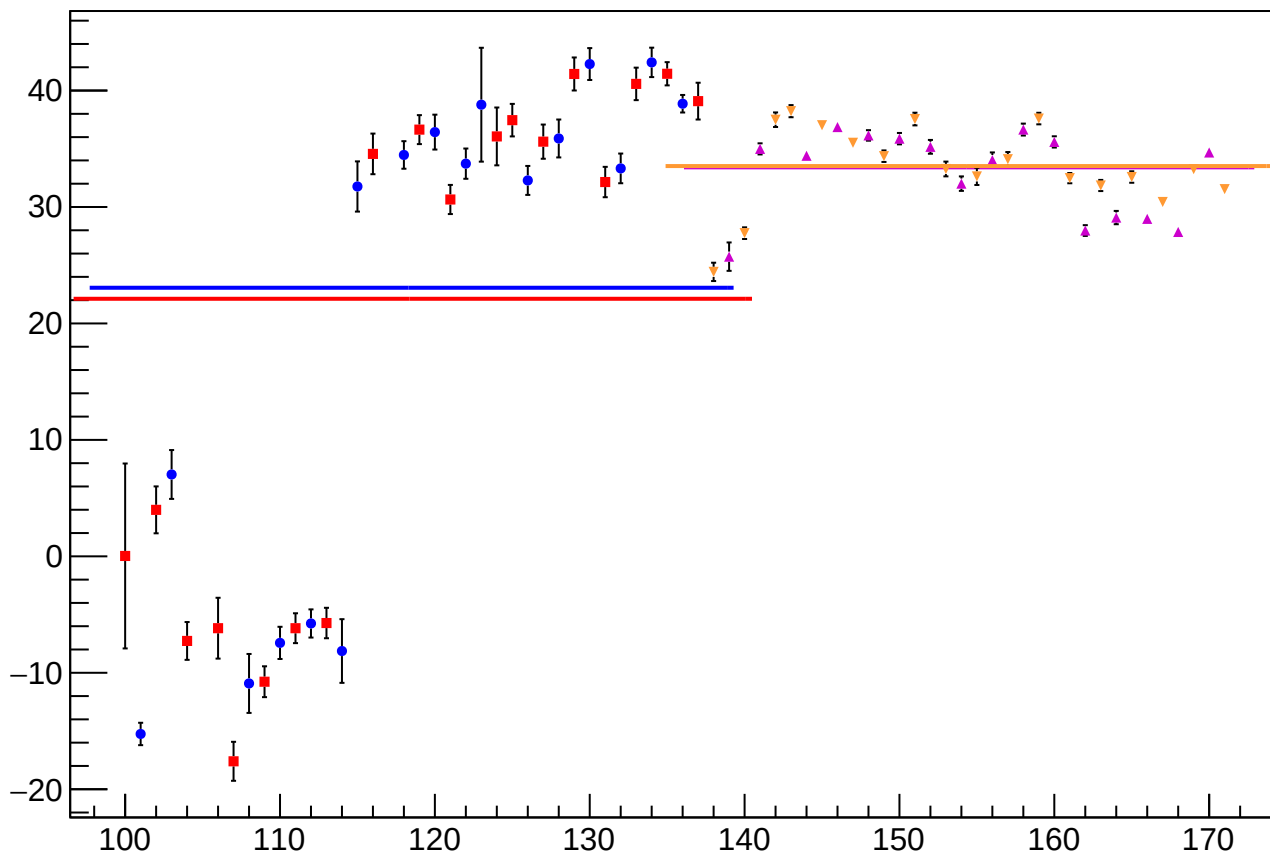
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -43.433 ± 0.135 $\chi^2/\text{NDF}: 5228.3/32$

Out: -43.800 ± 0.133 $\chi^2/\text{NDF}: 4480.1/36$

All: -43.619 ± 0.095 $\chi^2/\text{NDF}: 9712.2/69$

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: 33.515 $\pm$ 0.115 χ^2 /NDF: 729.8/17

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 33.404 $\pm$ 0.119 χ^2 /NDF: 775.6/15

Left: 33.461 $\pm$ 0.082 χ^2 /NDF: 1505.8/33

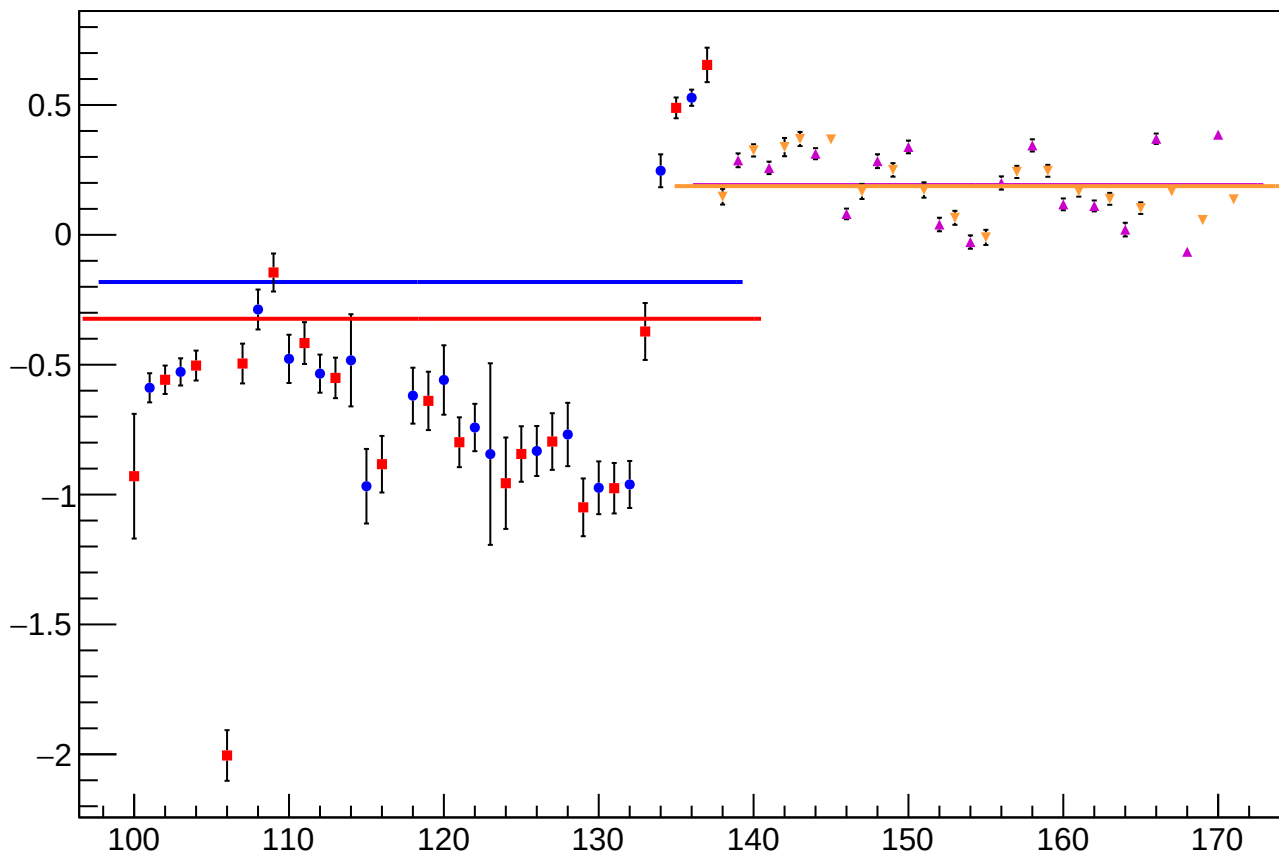
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.196 $\pm$ 0.112 χ^2 /NDF: 5994.3/32

Out: 32.349 $\pm$ 0.109 χ^2 /NDF: 5773.3/36

All: 32.275 $\pm$ 0.078 χ^2 /NDF: 11768.6/69

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.188 ± 0.005 χ^2/NDF : 365.3/17

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.192 ± 0.006 χ^2/NDF : 811.2/15

Left: 0.190 ± 0.004 χ^2/NDF : 1176.8/33

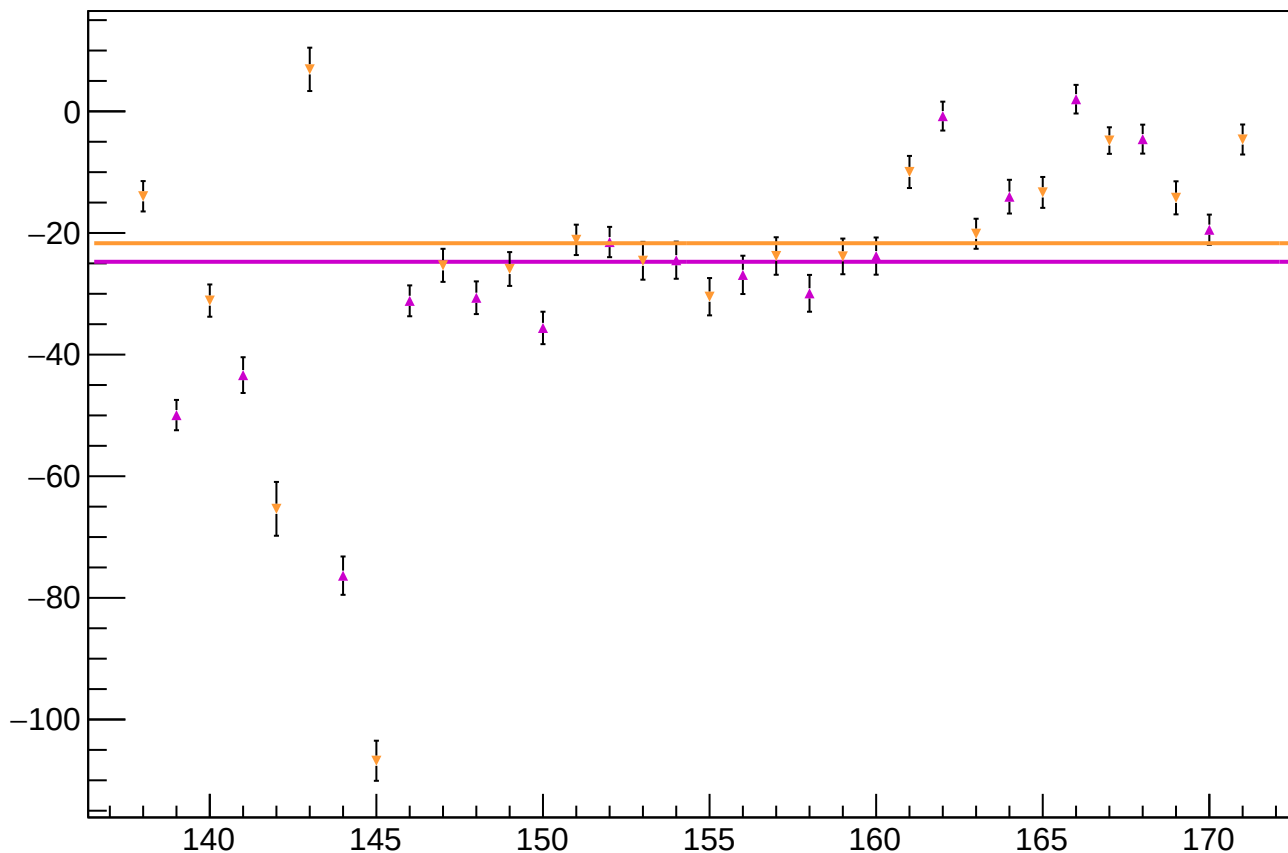
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.159 ± 0.005 χ^2/NDF : 2211.5/32

Out: 0.147 ± 0.005 χ^2/NDF : 2277.0/36

All: 0.153 ± 0.004 χ^2/NDF : 4491.0/69

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -21.684 ± 0.652 $\chi^2/\text{NDF}: 1010.4/17$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -24.737 ± 0.671 $\chi^2/\text{NDF}: 765.4/15$

Left: -23.167 ± 0.468 $\chi^2/\text{NDF}: 1786.5/33$

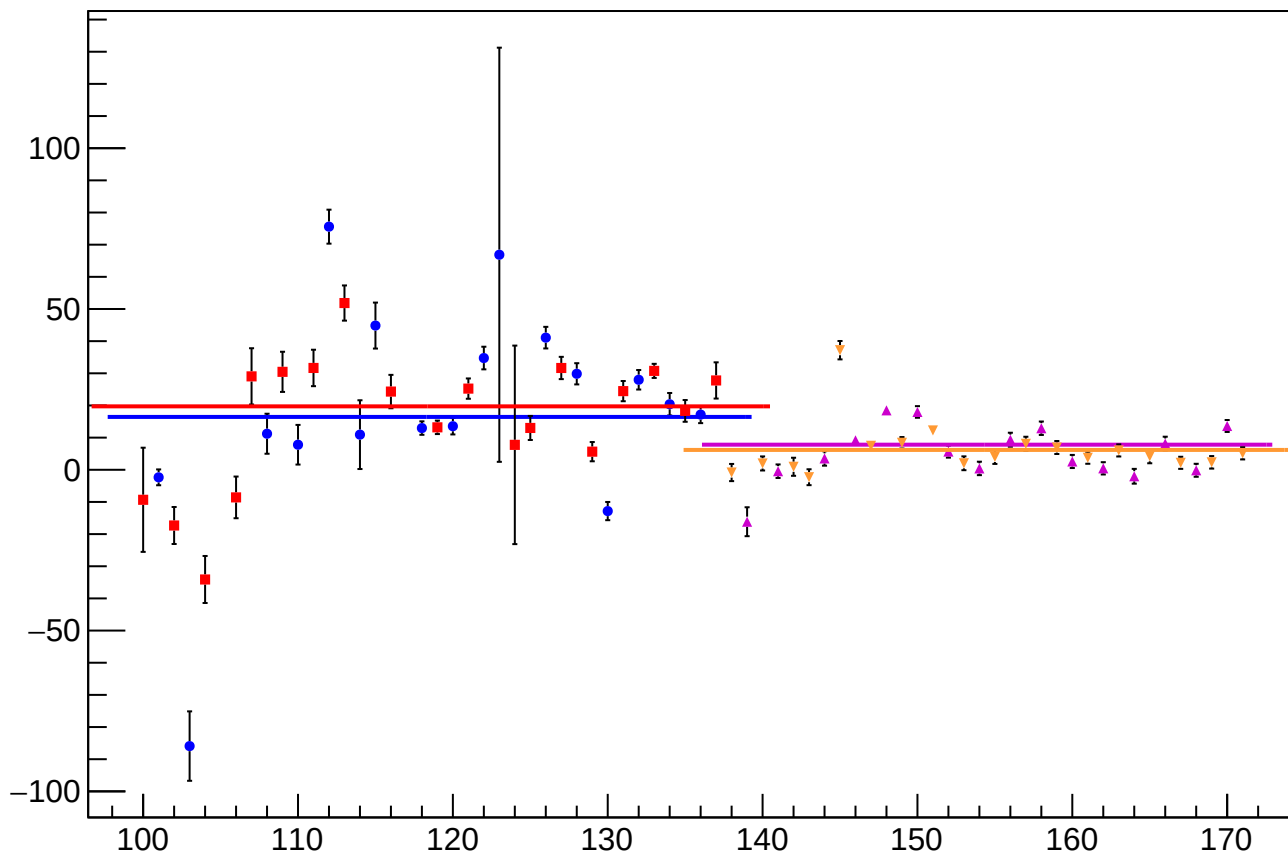
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -24.737 ± 0.671 $\chi^2/\text{NDF}: 765.4/15$

Out: -21.684 ± 0.652 $\chi^2/\text{NDF}: 1010.4/17$

All: -23.167 ± 0.468 $\chi^2/\text{NDF}: 1786.5/33$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.173 $\pm$ 0.463 χ^2 /NDF:181.4/17

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 7.806 $\pm$ 0.486 χ^2 /NDF:232.0/15

Left: 6.950 $\pm$ 0.335 χ^2 /NDF: 419.3/33

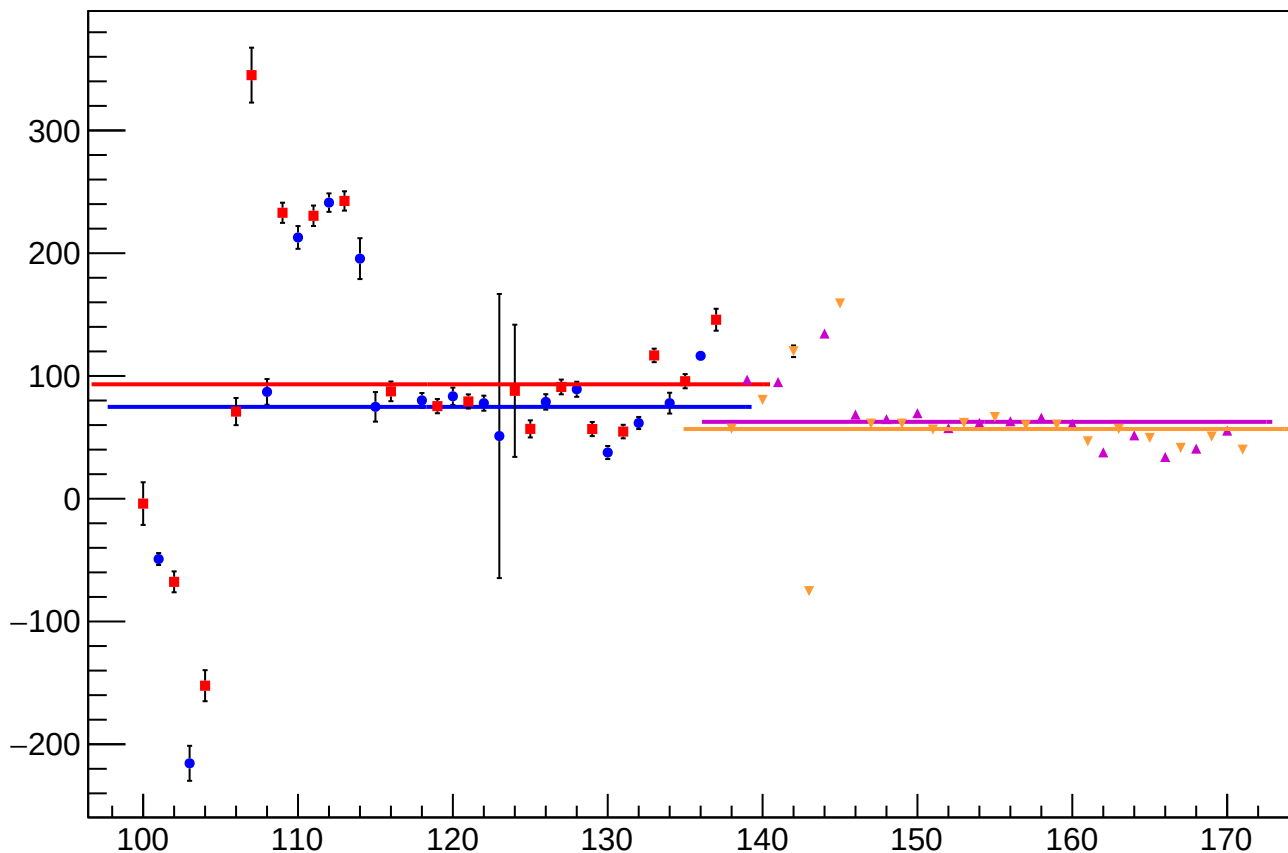
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 9.941 $\pm$ 0.422 χ^2 /NDF:826.8/32

Out: 9.023 $\pm$ 0.412 χ^2 /NDF:603.0/36

All: 9.471 $\pm$ 0.295 χ^2 /NDF: 1432.3/69

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2 /NDF: 1996.8/16

Left Out: 56.783+/-0.642 χ^2 /NDF:2494.0/17

Right Out: 93.202+/-1.712 χ^2 /NDF: 2000.7/18

Left In: 62.632+/-0.657 χ^2 /NDF:1113.8/15

Left: 59.641+/-0.459 χ^2 /NDF: 3648.3/33

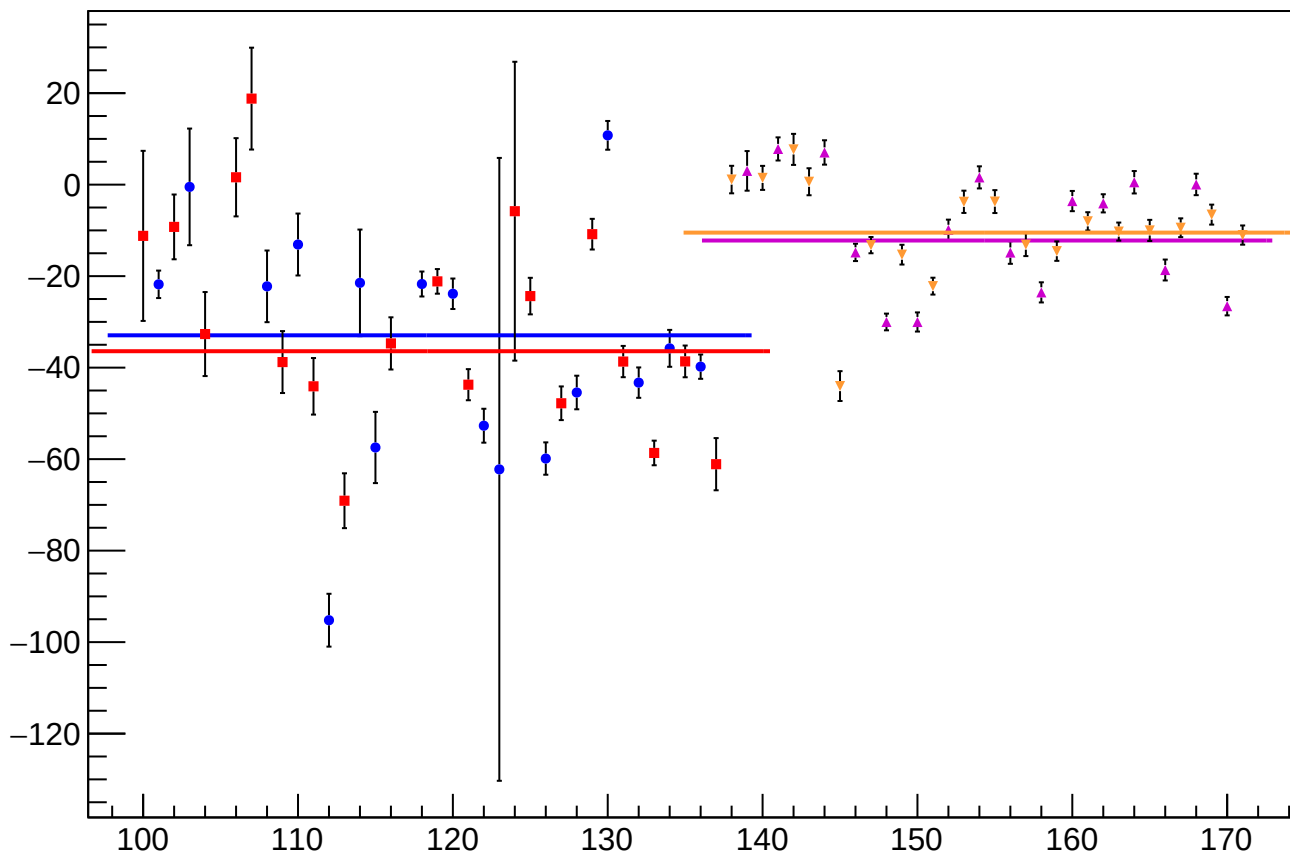
Right: 83.612+/-1.184 χ^2 /NDF: 4057.7/35

In: 64.318+/-0.609 χ^2 /NDF:3158.3/32

Out: 61.273+/-0.601 χ^2 /NDF:4891.6/36

All: 62.775+/-0.428 χ^2 /NDF: 8062.6/69

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.485 ± 0.538 χ^2/NDF : 256.9/17

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -12.212 ± 0.564 χ^2/NDF : 502.9/15

Left: -11.308 ± 0.389 χ^2/NDF : 764.7/33

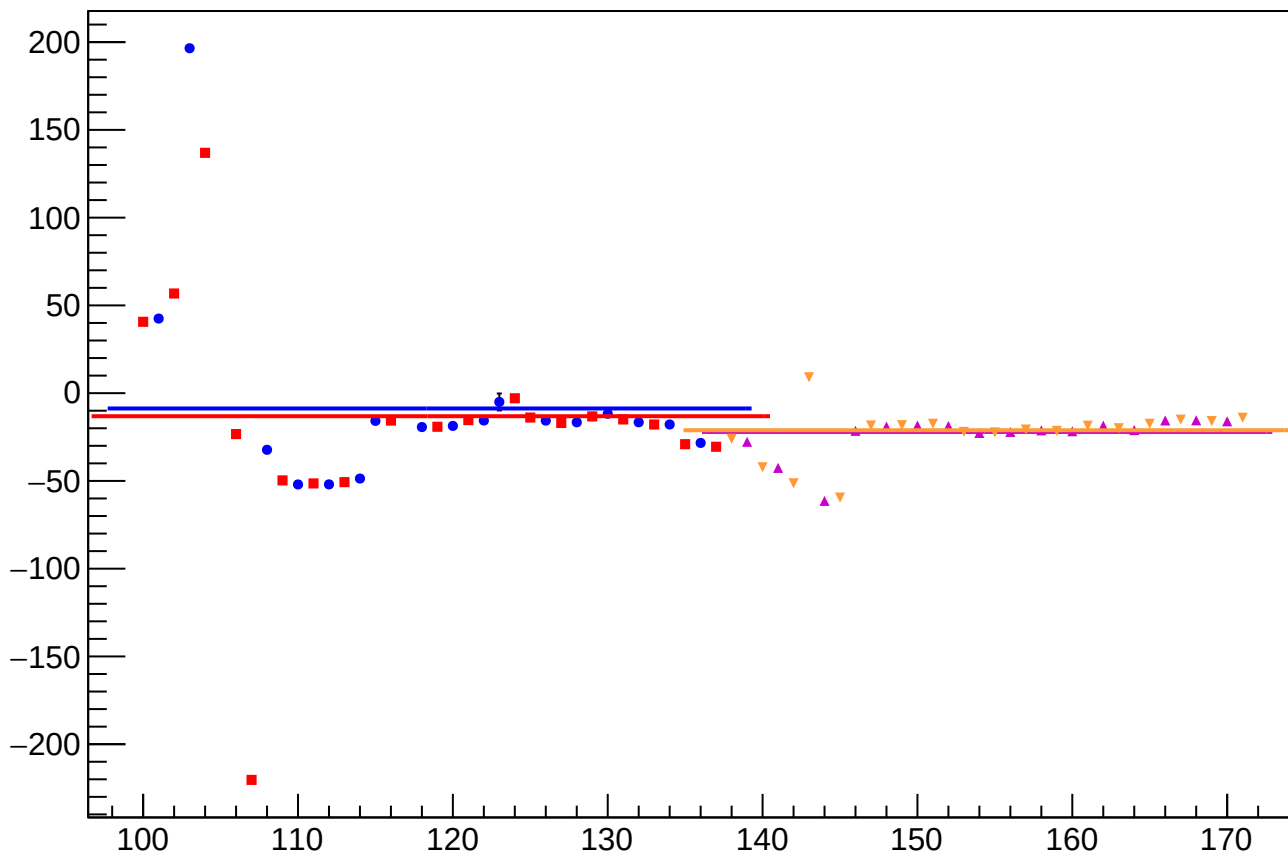
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -17.422 ± 0.488 χ^2/NDF : 1332.9/32

Out: -16.083 ± 0.476 χ^2/NDF : 1053.5/36

All: -16.737 ± 0.341 χ^2/NDF : 2390.3/69

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: -21.129 ± 0.025 $\chi^2/\text{NDF}: 195129.7/17$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -22.084 ± 0.026 $\chi^2/\text{NDF}: 119301.5/15$

Left: -21.593 ± 0.018 $\chi^2/\text{NDF}: 315140.2/33$

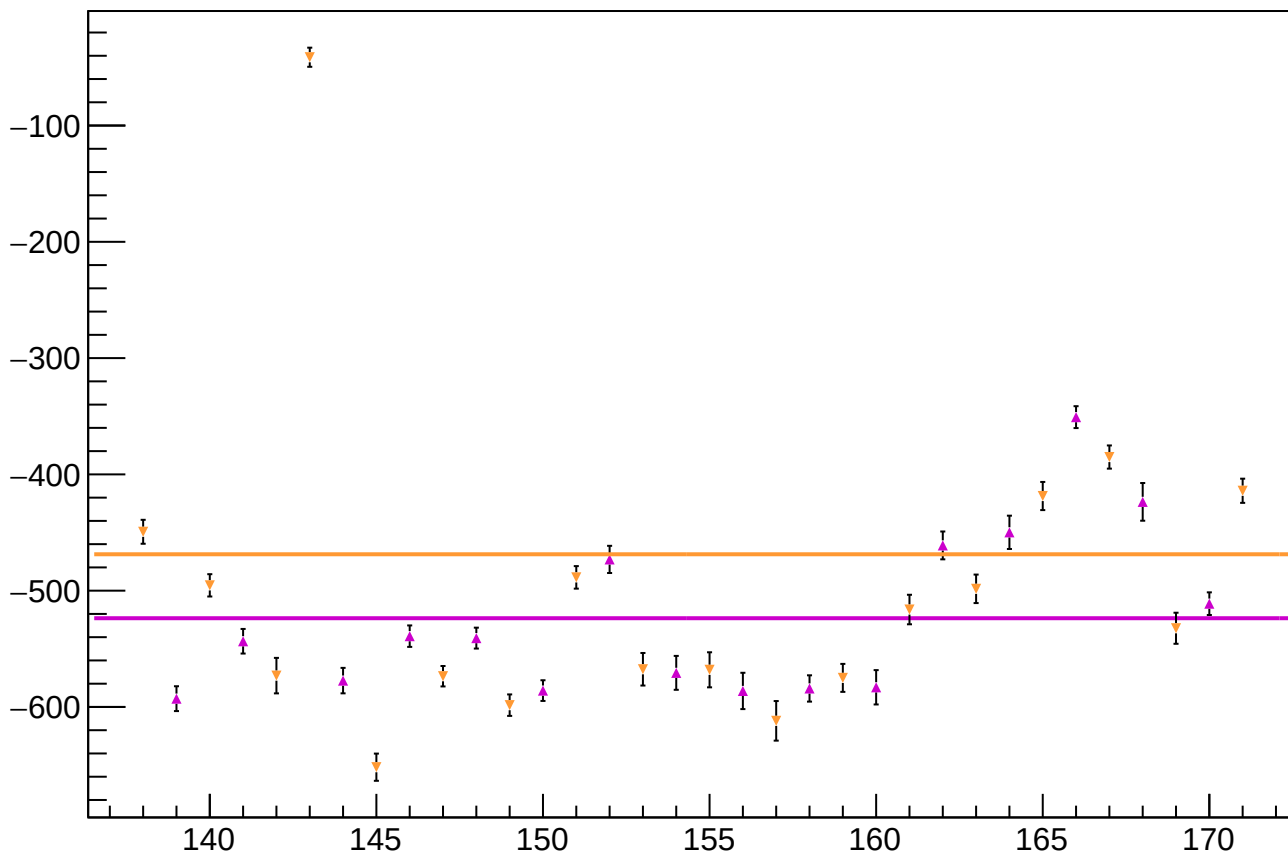
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -19.946 ± 0.024 $\chi^2/\text{NDF}: 738410.2/32$

Out: -20.004 ± 0.023 $\chi^2/\text{NDF}: 768155.1/36$

All: -19.976 ± 0.017 $\chi^2/\text{NDF}: 1506568.5/69$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -468.699+/-2.613 χ^2/NDF :3747.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -523.693+/-2.786 χ^2/NDF :646.3/15

Left: -494.434+/-1.906 χ^2/NDF : 4601.3/33

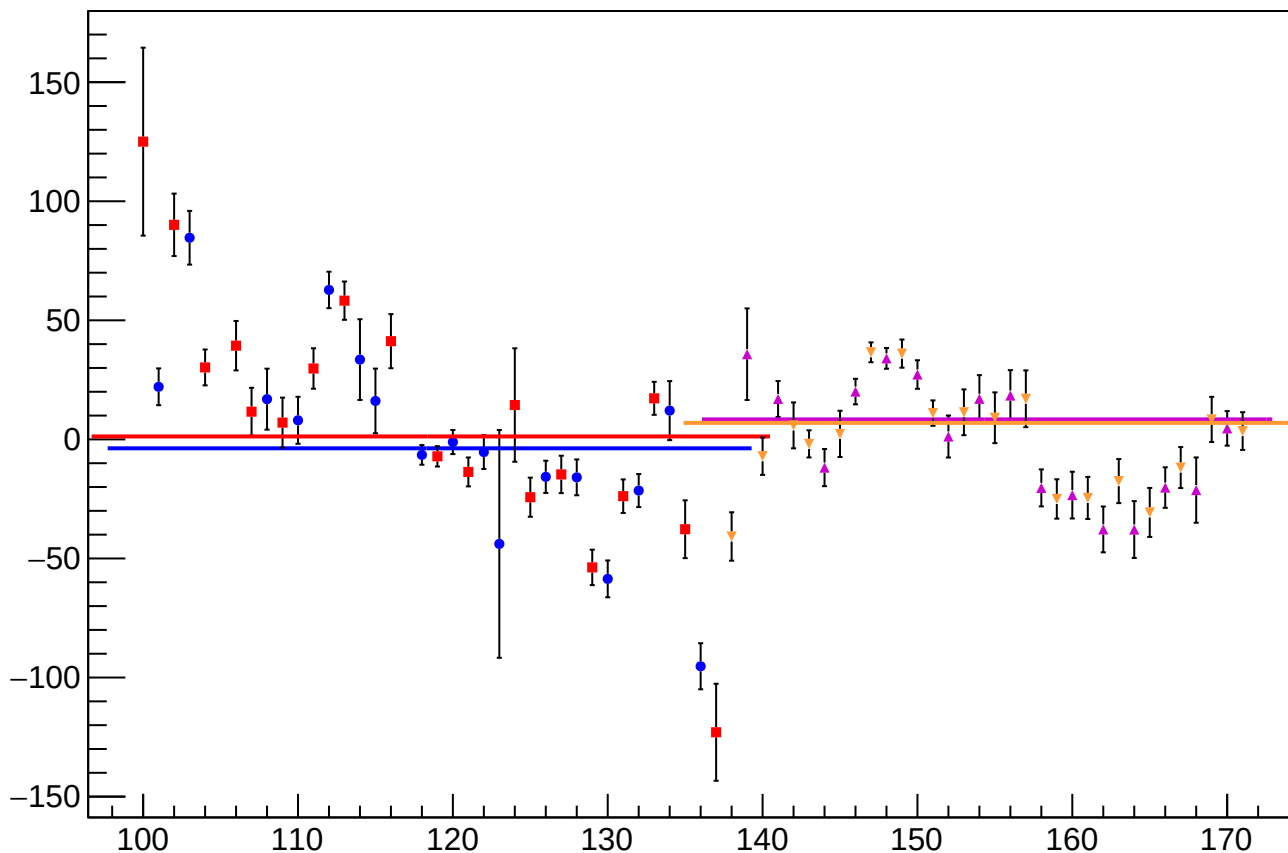
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -523.693+/-2.786 χ^2/NDF :646.3/15

Out: -468.699+/-2.613 χ^2/NDF :3747.7/17

All: -494.434+/-1.906 χ^2/NDF : 4601.3/33

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 6.935 ± 1.781 χ^2/NDF : 157.3/17

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 8.402 ± 1.936 χ^2/NDF : 140.2/15

Left: 7.607 ± 1.311 χ^2/NDF : 297.8/33

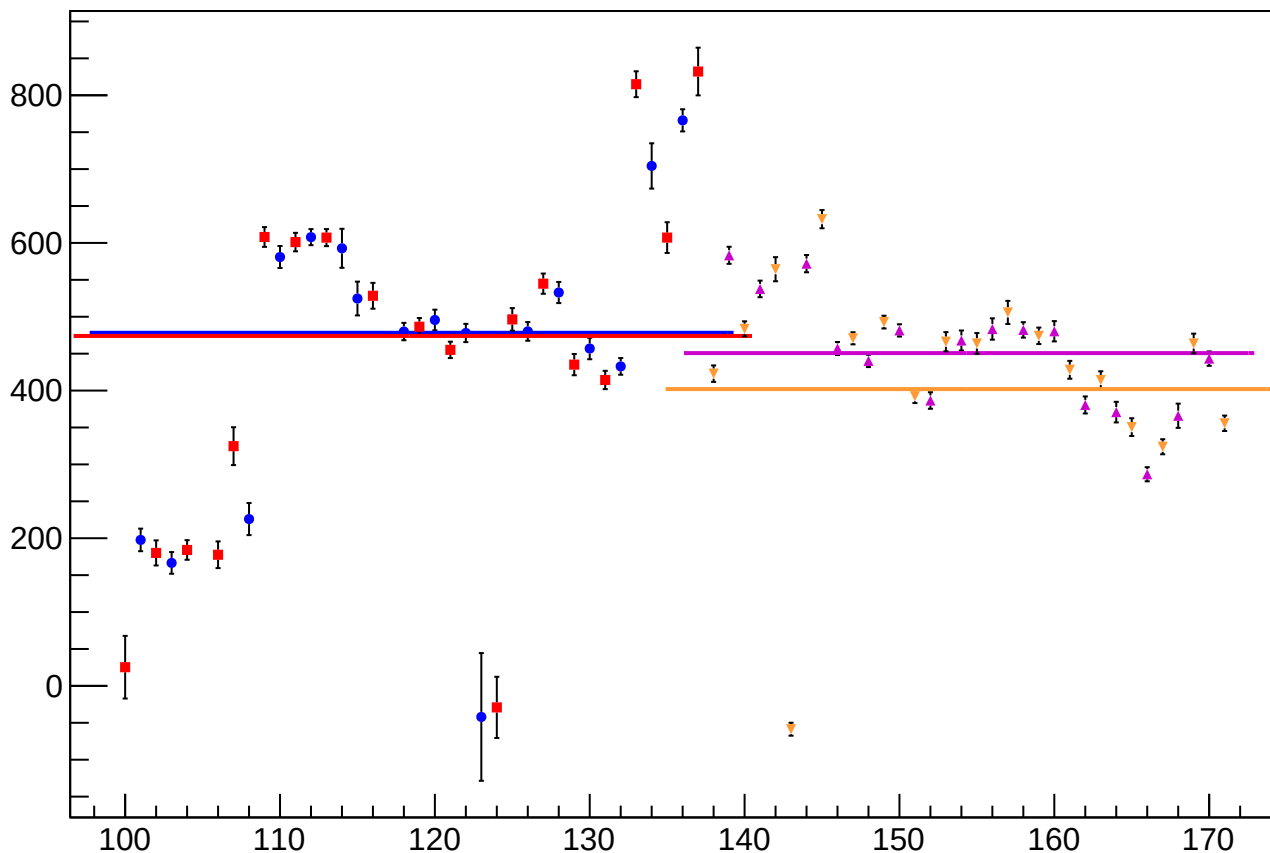
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.191 ± 1.353 χ^2/NDF : 474.4/32

Out: 4.295 ± 1.304 χ^2/NDF : 465.6/36

All: 3.281 ± 0.939 χ^2/NDF : 941.3/69

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 402.019 $\pm$ 2.588 χ^2 /NDF:3708.6/17

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 450.766 $\pm$ 2.726 χ^2 /NDF:757.4/15

Left: 425.125 $\pm$ 1.877 χ^2 /NDF: 4634.1/33

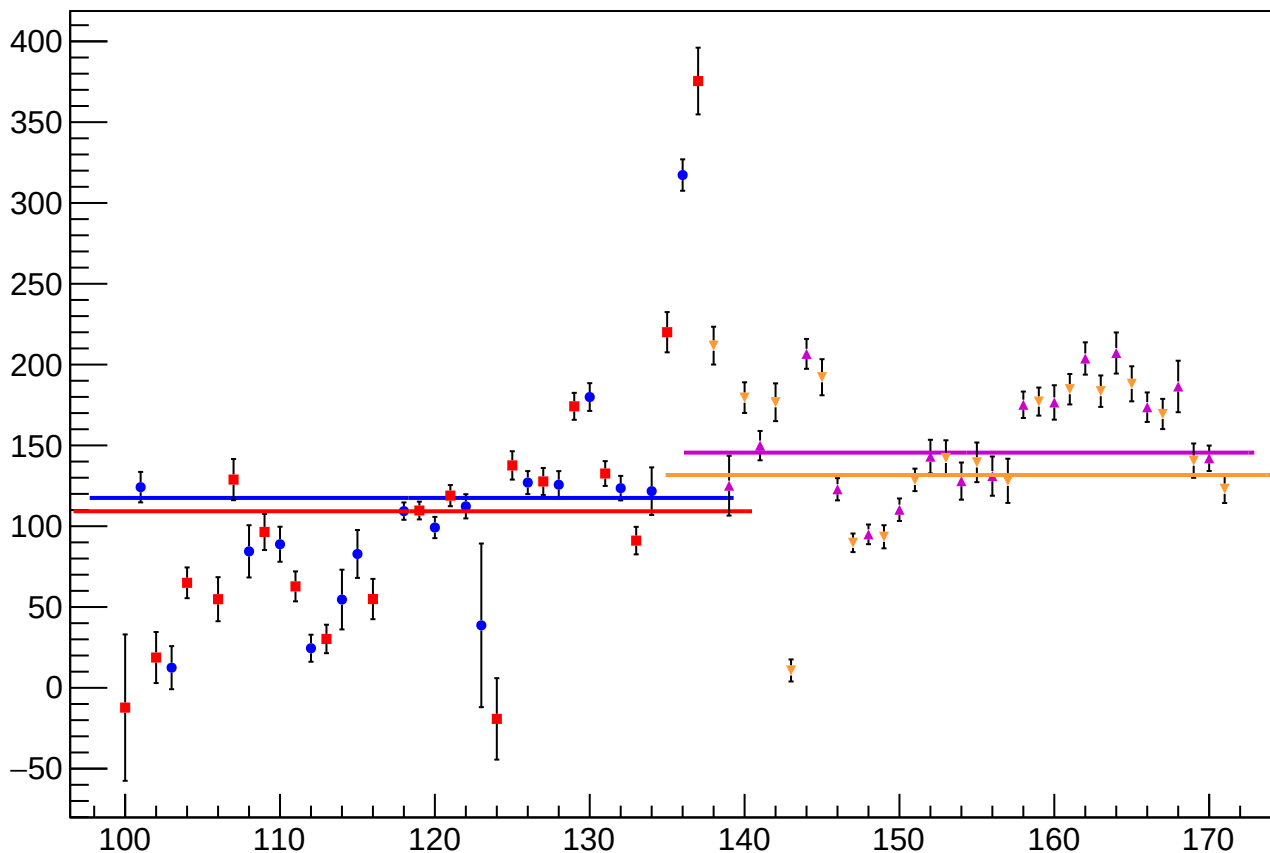
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 460.655 $\pm$ 2.182 χ^2 /NDF:2421.9/32

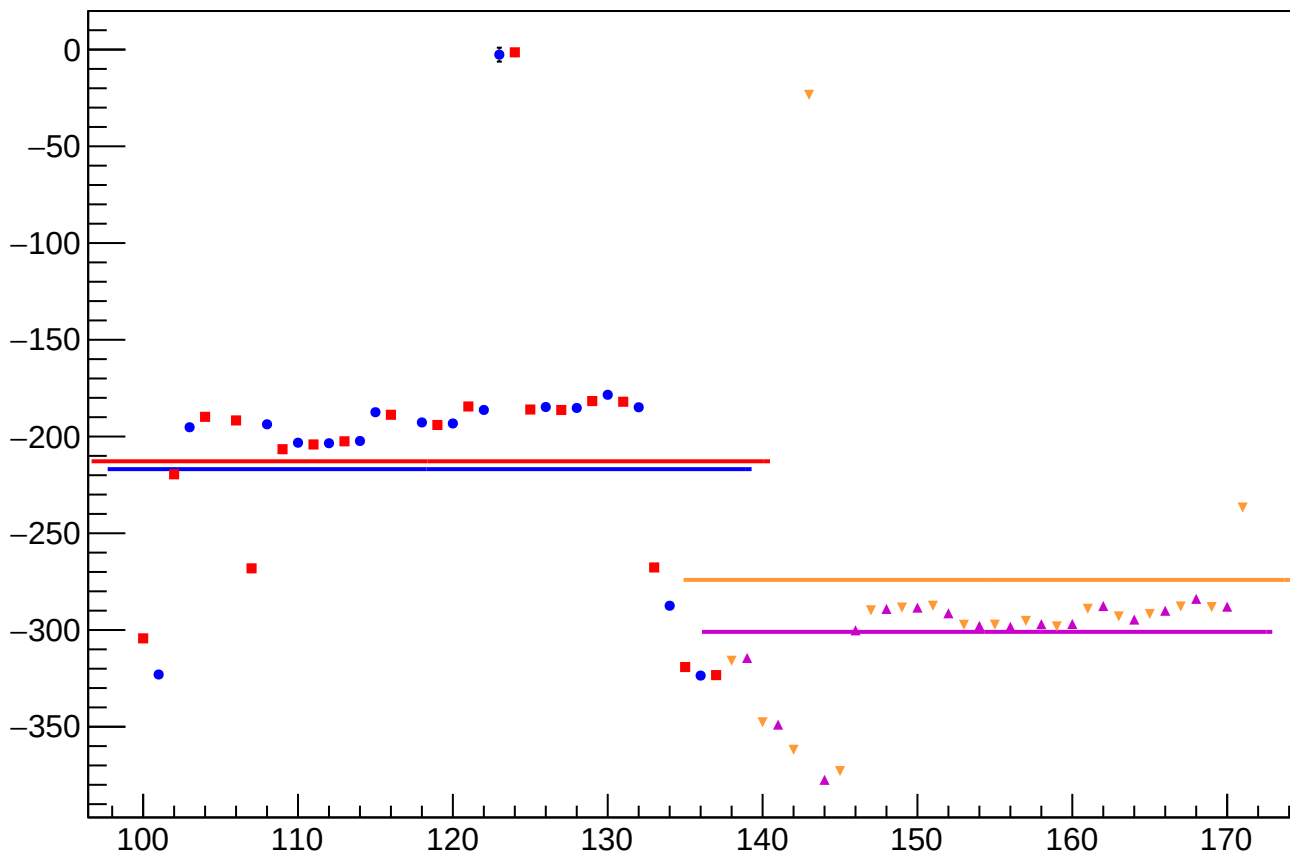
Out: 427.183 $\pm$ 2.087 χ^2 /NDF:6267.3/36

All: 443.176 $\pm$ 1.508 χ^2 /NDF: 8812.1/69

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -274.093 ± 0.103 $\chi^2/\text{NDF}: 632127.5/17$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -300.958 ± 0.109 $\chi^2/\text{NDF}: 41206.1/15$

Left: -286.829 ± 0.075 $\chi^2/\text{NDF}: 705516.0/33$

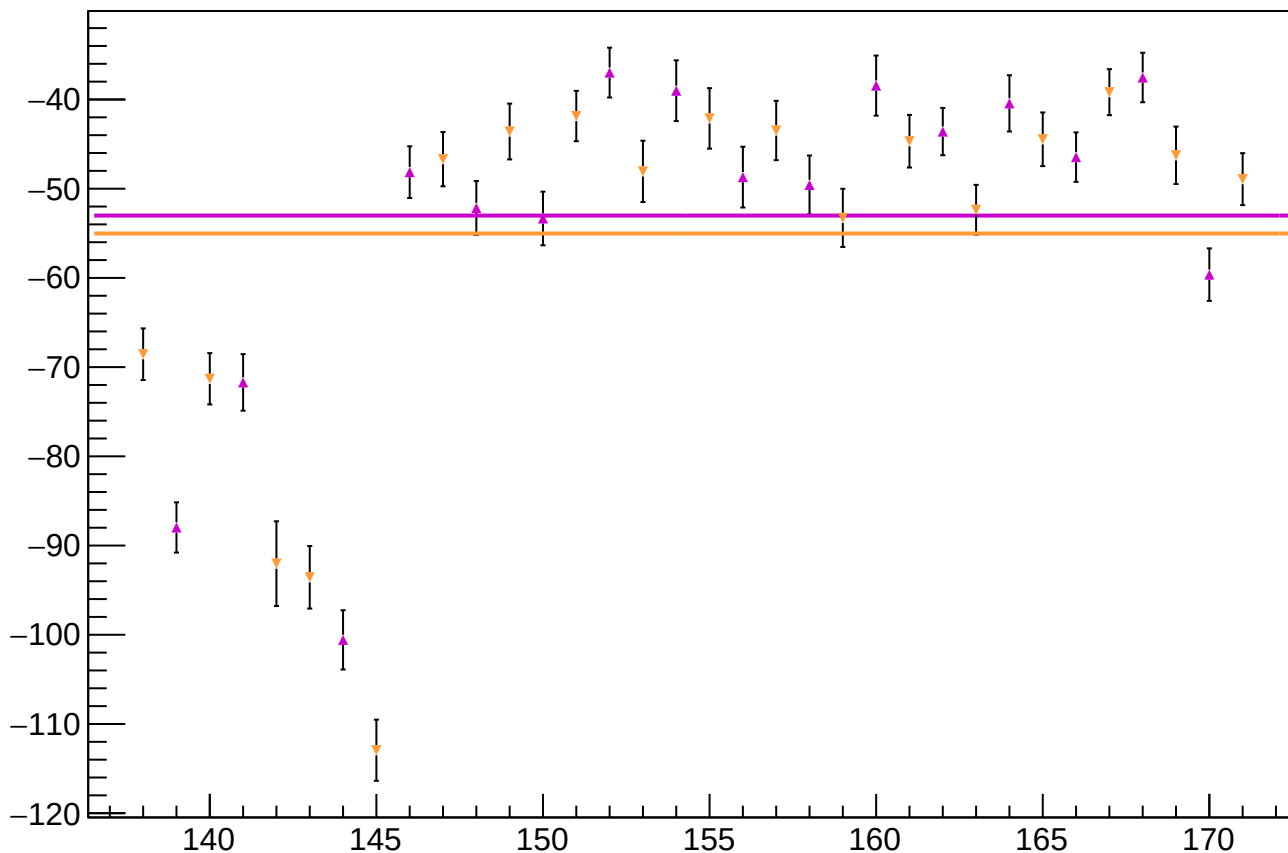
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -268.168 ± 0.085 $\chi^2/\text{NDF}: 421947.0/32$

Out: -250.434 ± 0.081 $\chi^2/\text{NDF}: 885111.8/36$

All: -258.870 ± 0.059 $\chi^2/\text{NDF}: 1329971.4/69$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



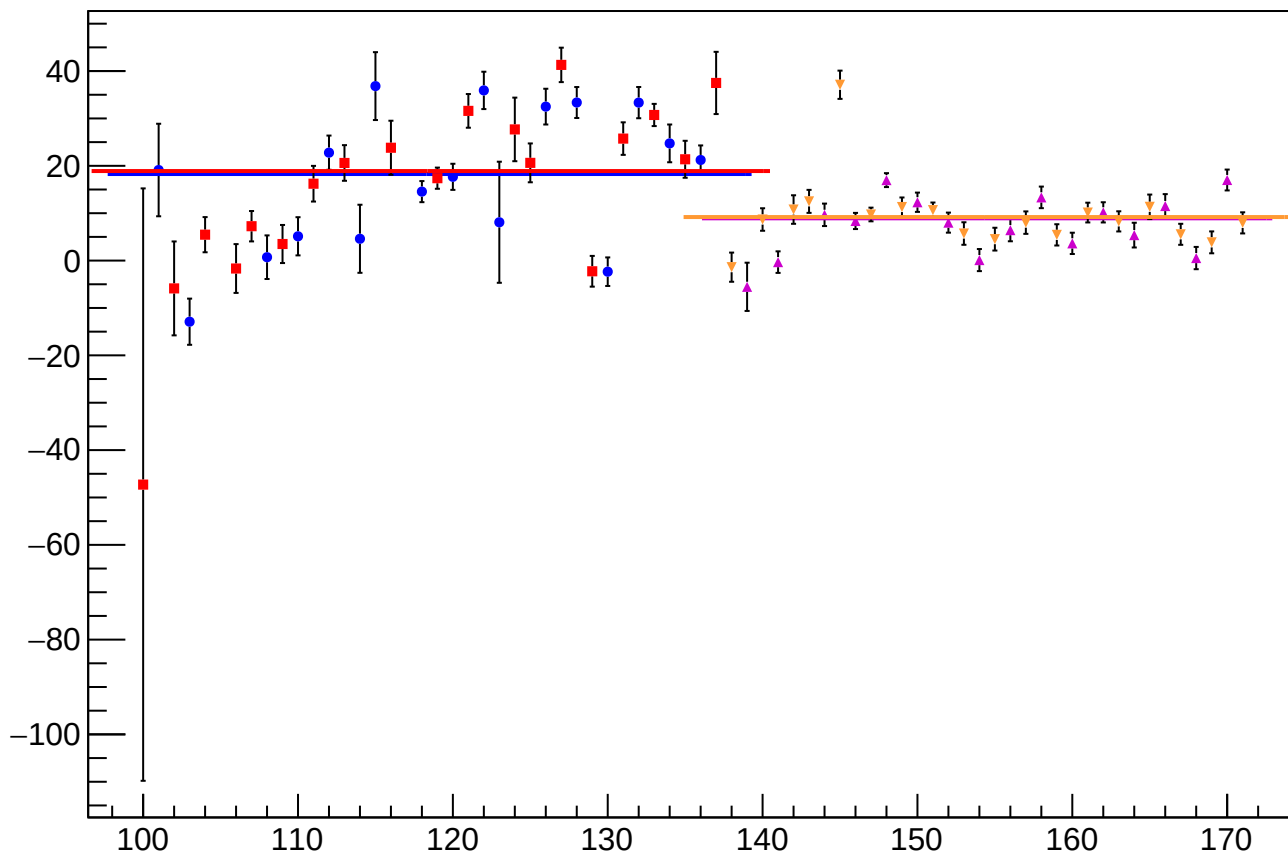
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.023+/-0.733 χ^2/NDF : 669.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.012+/-0.755 χ^2/NDF : 538.4/15

Left: -54.047+/-0.526 χ^2/NDF : 1211.7/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.012+/-0.755 χ^2/NDF : 538.4/15
 Out: -55.023+/-0.733 χ^2/NDF : 669.7/17

All: -54.047+/-0.526 χ^2/NDF : 1211.7/33

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.187 ± 0.519 χ^2/NDF : 122.2/17

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 8.919 ± 0.547 χ^2/NDF : 112.0/15

Left: 9.060 ± 0.376 χ^2/NDF : 234.3/33

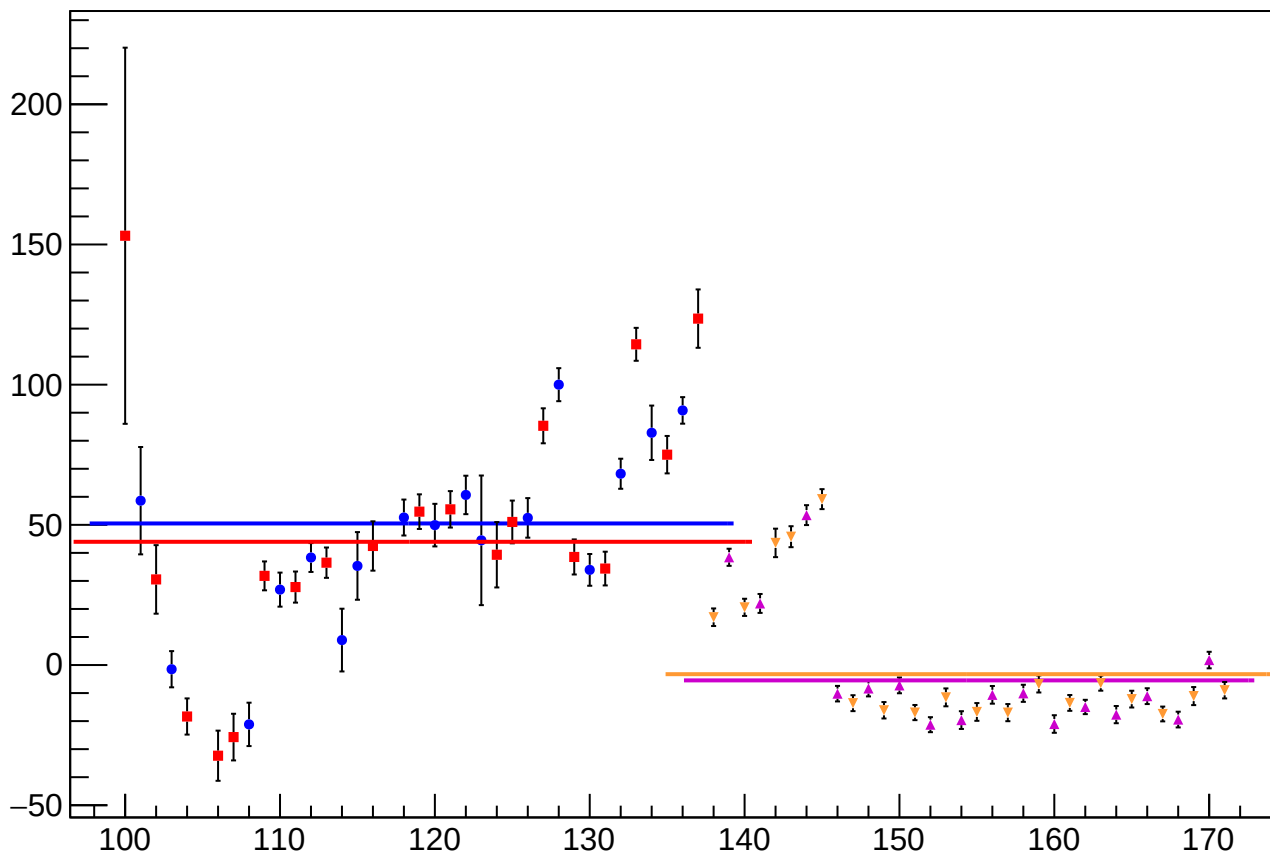
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.410 ± 0.468 χ^2/NDF : 398.3/32

Out: 11.762 ± 0.445 χ^2/NDF : 414.2/36

All: 11.595 ± 0.323 χ^2/NDF : 812.8/69

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: -3.261 $\pm$ 0.721 χ^2 /NDF:833.6/17

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -5.477 $\pm$ 0.739 χ^2 /NDF:702.3/15

Left: -4.343 $\pm$ 0.516 χ^2 /NDF: 1540.5/33

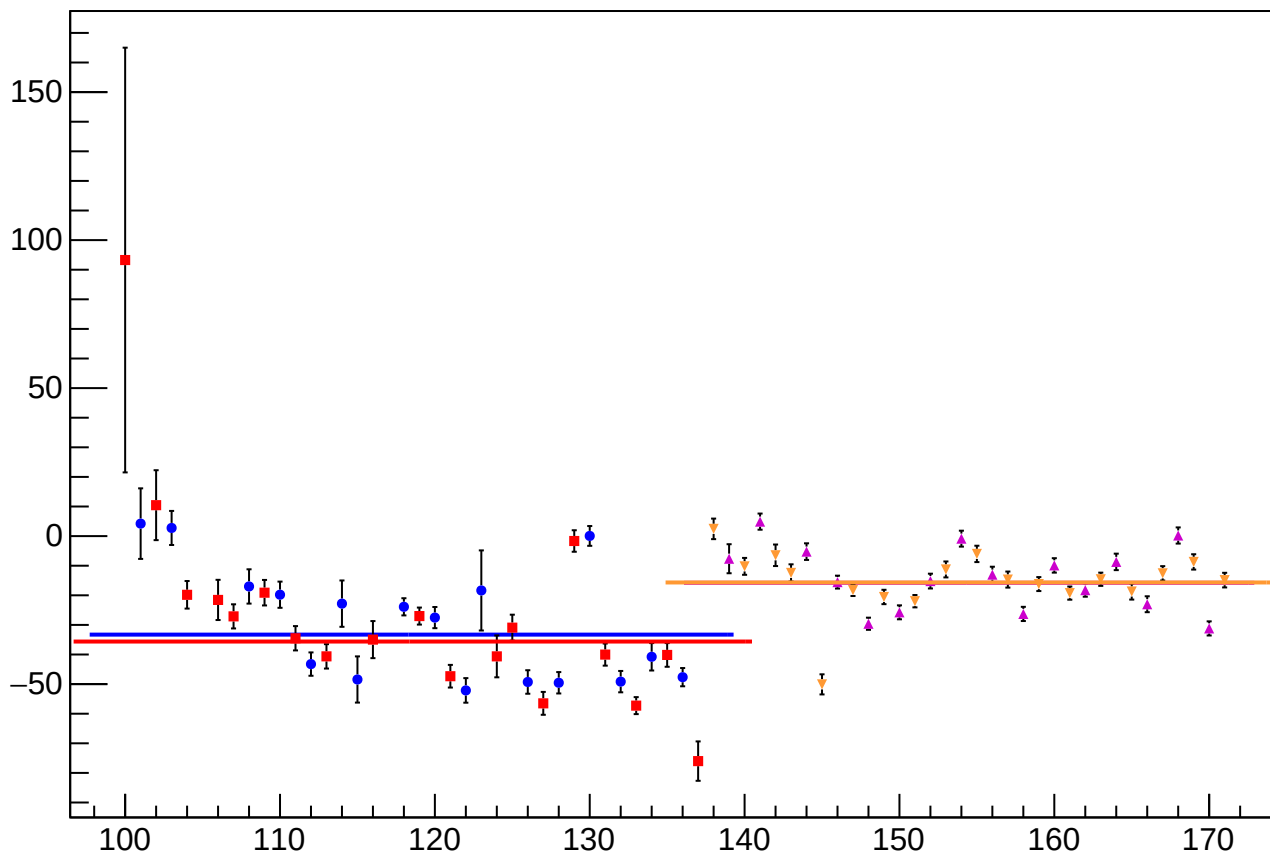
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 3.675 $\pm$ 0.676 χ^2 /NDF:2004.3/32

Out: 4.689 $\pm$ 0.658 χ^2 /NDF:2089.4/36

All: 4.195 $\pm$ 0.471 χ^2 /NDF: 4094.9/69

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.660 ± 0.604 χ^2/NDF : 184.2/17

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -15.784 ± 0.634 χ^2/NDF : 285.2/15

Left: -15.719 ± 0.437 χ^2/NDF : 469.4/33

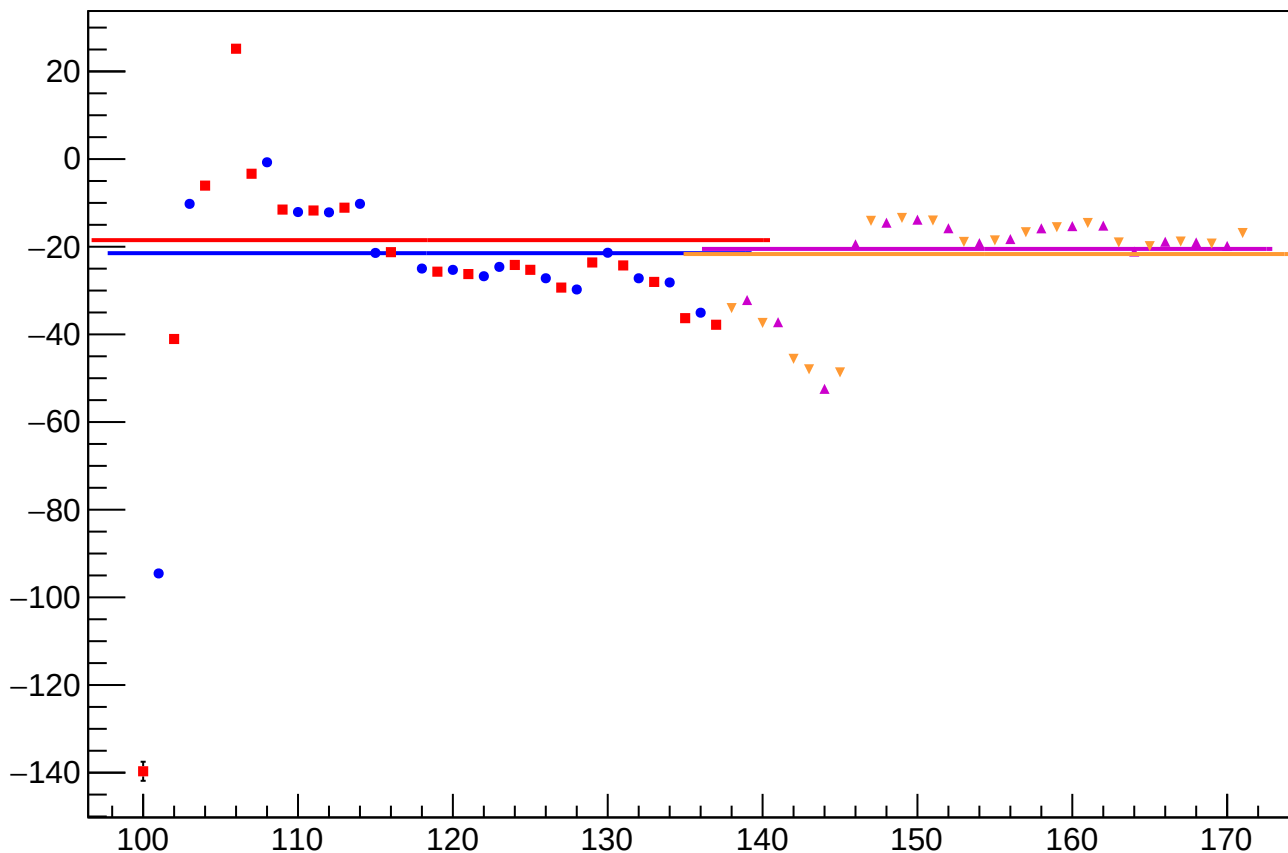
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.555 ± 0.540 χ^2/NDF : 786.0/32

Out: -21.051 ± 0.516 χ^2/NDF : 767.1/36

All: -20.815 ± 0.373 χ^2/NDF : 1553.5/69

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -21.670 ± 0.028 χ^2/NDF : 132706.1/17

Right Out: -18.496 ± 0.057 χ^2/NDF : 80700.9/18

Left In: -20.497 ± 0.029 χ^2/NDF : 84454.8/15

Left: -21.100 ± 0.020 χ^2/NDF : 218009.8/33

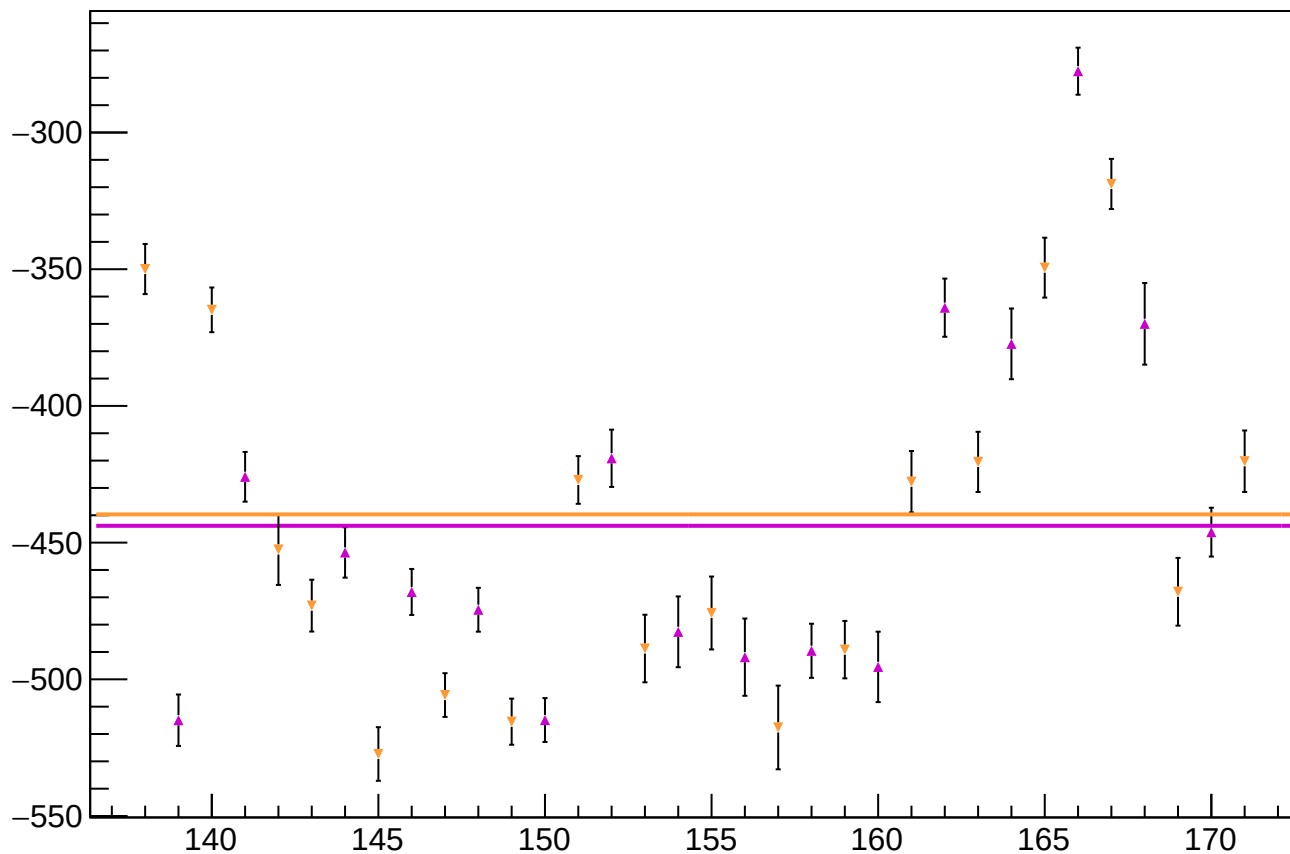
Right: -19.947 ± 0.041 χ^2/NDF : 130991.7/35

In: -20.686 ± 0.026 χ^2/NDF : 133654.9/32

Out: -21.057 ± 0.025 χ^2/NDF : 215877.6/36

All: -20.876 ± 0.018 χ^2/NDF : 349637.7/69

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -439.680+/-2.400 χ^2/NDF : 749.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -443.845+/-2.484 χ^2/NDF : 707.6/15

Left: -441.691+/-1.726 χ^2/NDF : 1458.1/33

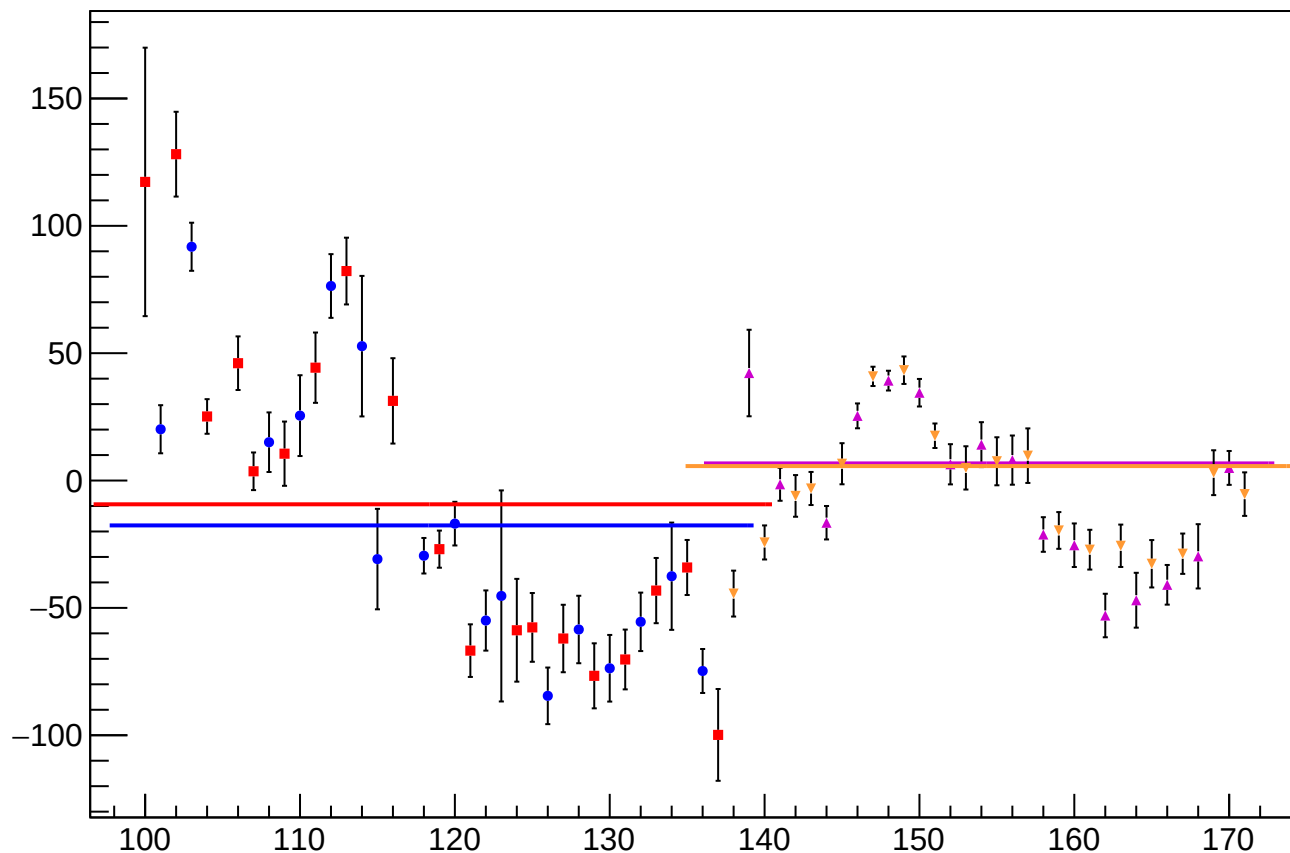
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -443.845+/-2.484 χ^2/NDF : 707.6/15

Out: -439.680+/-2.400 χ^2/NDF : 749.0/17

All: -441.691+/-1.726 χ^2/NDF : 1458.1/33

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 5.676 ± 1.635 χ^2/NDF : 278.0/17

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 6.725 ± 1.726 χ^2/NDF : 280.9/15

Left: 6.172 ± 1.187 χ^2/NDF : 559.1/33

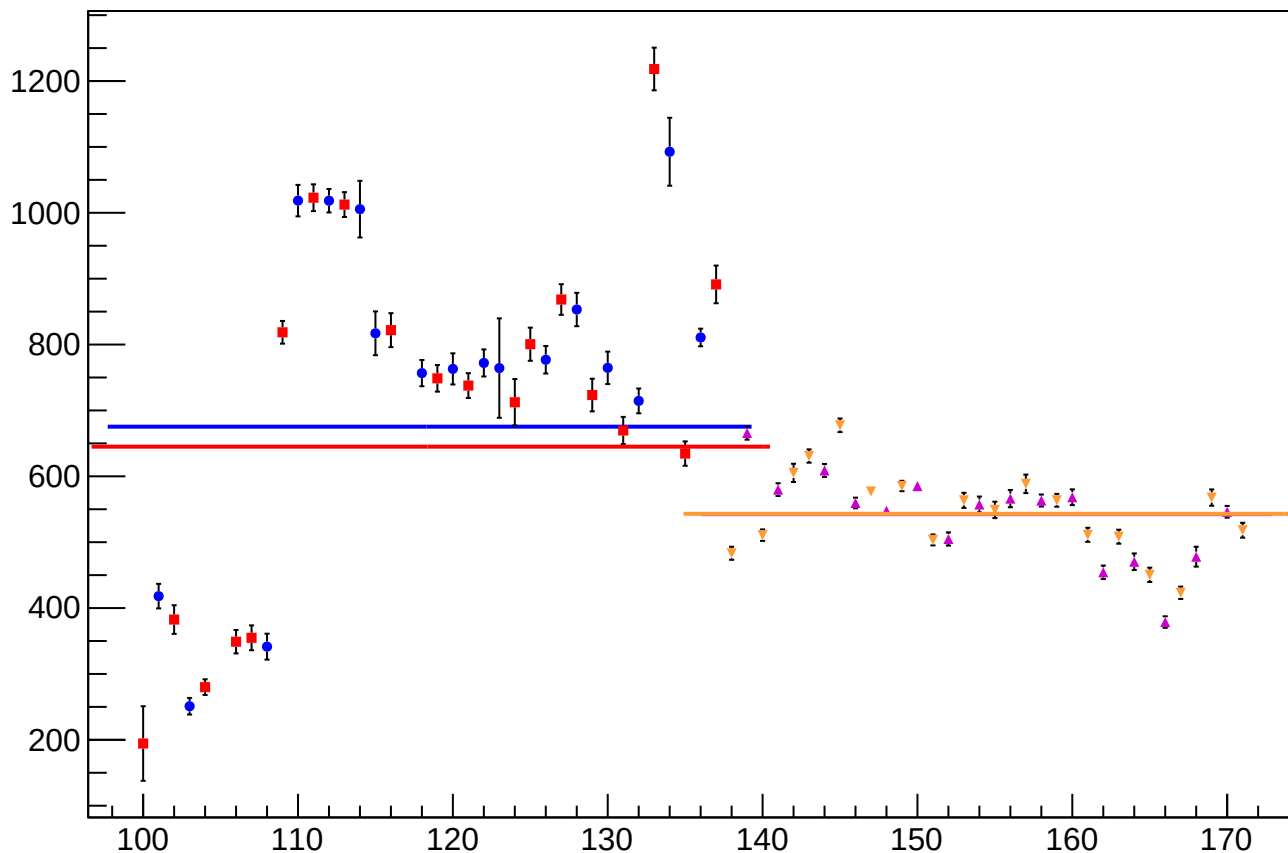
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -0.027 ± 1.467 χ^2/NDF : 698.1/32

Out: 1.444 ± 1.386 χ^2/NDF : 668.2/36

All: 0.750 ± 1.007 χ^2/NDF : 1366.8/69

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 543.064+/-2.373 χ^2/NDF : 668.4/17

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 542.601+/-2.433 χ^2/NDF : 747.3/15

Left: 542.838+/-1.699 χ^2/NDF : 1415.8/33

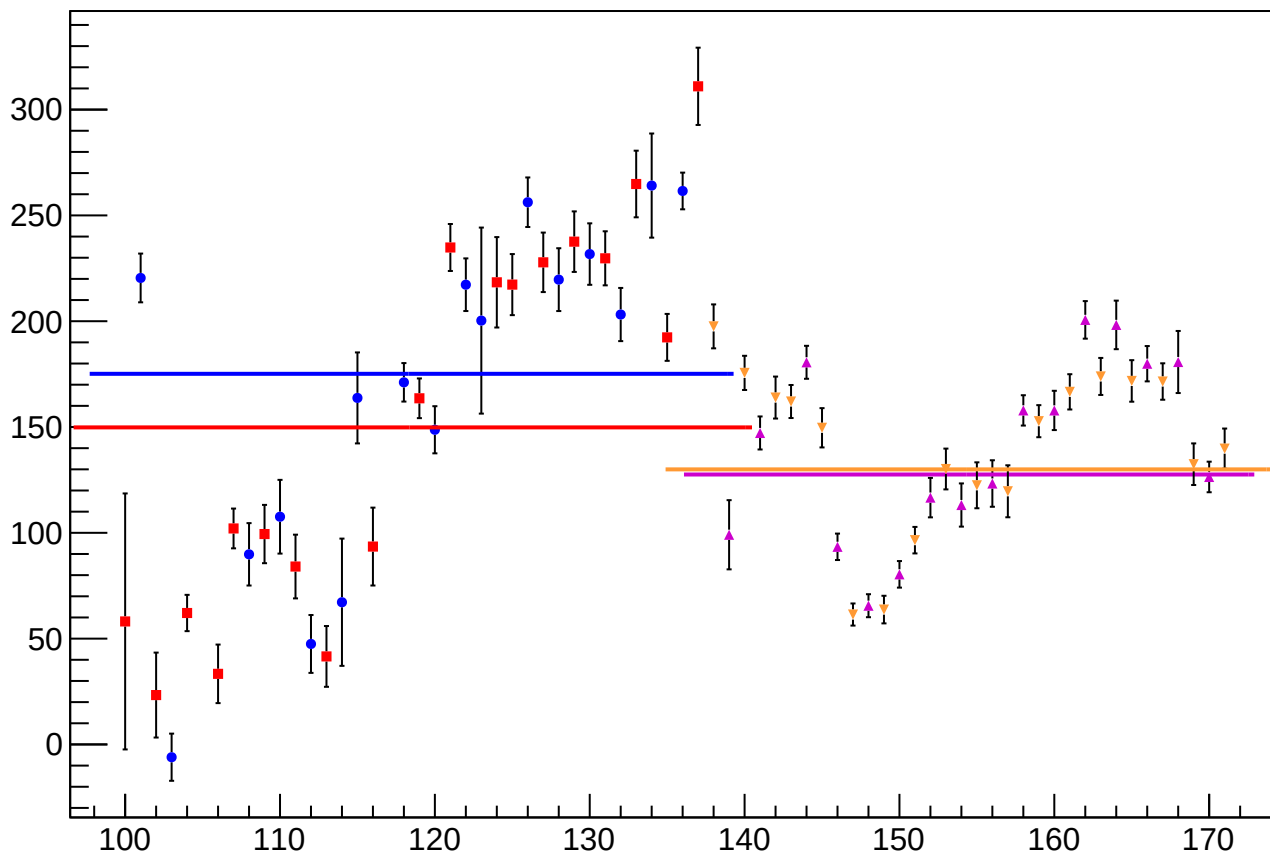
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 567.639+/-2.191 χ^2/NDF : 3891.5/32

Out: 563.376+/-2.124 χ^2/NDF : 4158.9/36

All: 565.441+/-1.525 χ^2/NDF : 8052.4/69

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: 129.982 $\pm$ 1.945 χ^2 /NDF:508.5/17

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 127.558 $\pm$ 2.039 χ^2 /NDF:462.6/15

Left: 128.828 $\pm$ 1.407 χ^2 /NDF: 971.8/33

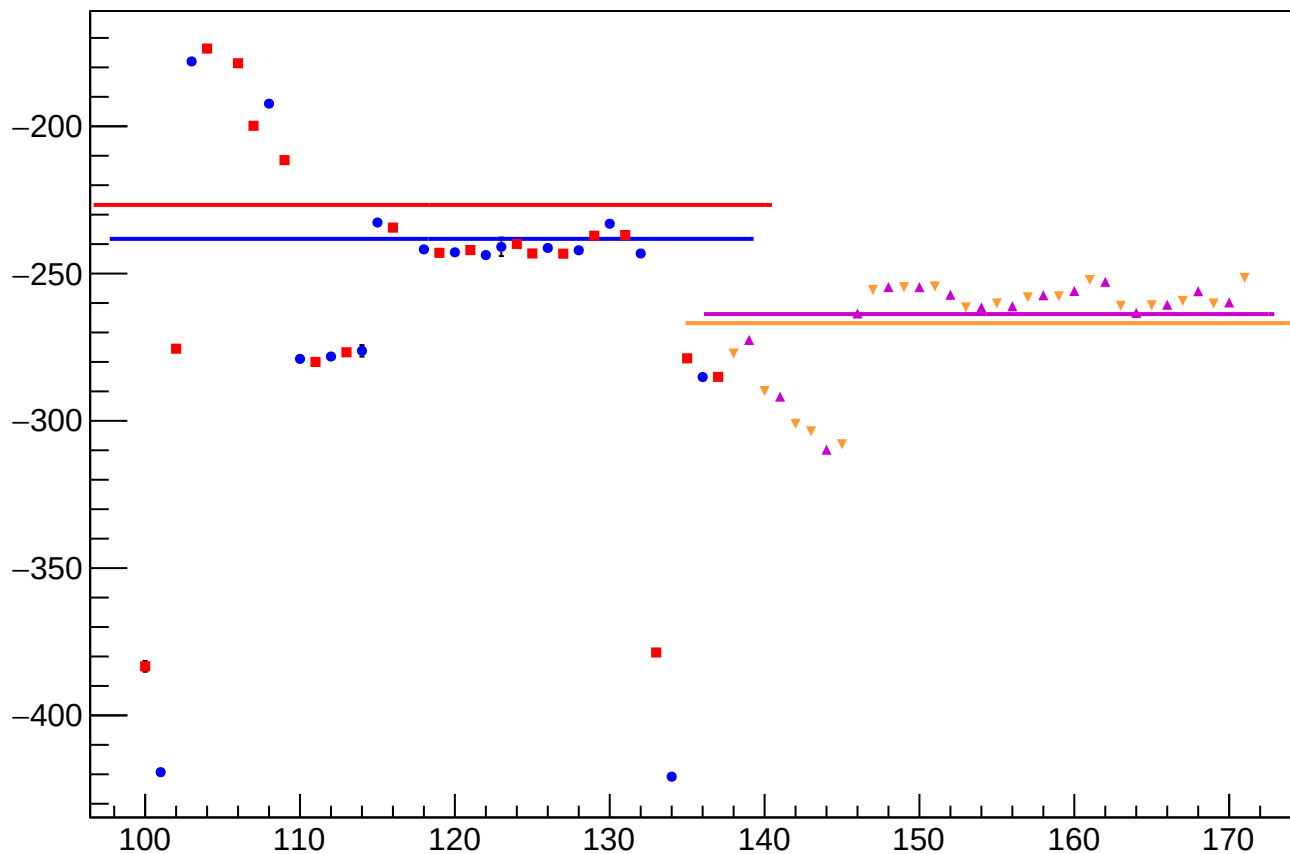
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 141.246 $\pm$ 1.721 χ^2 /NDF:1254.8/32

Out: 135.739 $\pm$ 1.638 χ^2 /NDF:1227.2/36

All: 138.357 $\pm$ 1.187 χ^2 /NDF: 2487.4/69

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -266.810+/-0.095 χ^2/NDF : 35112.6/17

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -263.755+/-0.097 χ^2/NDF : 20933.2/15

Left: -265.316+/-0.068 χ^2/NDF : 56554.2/33

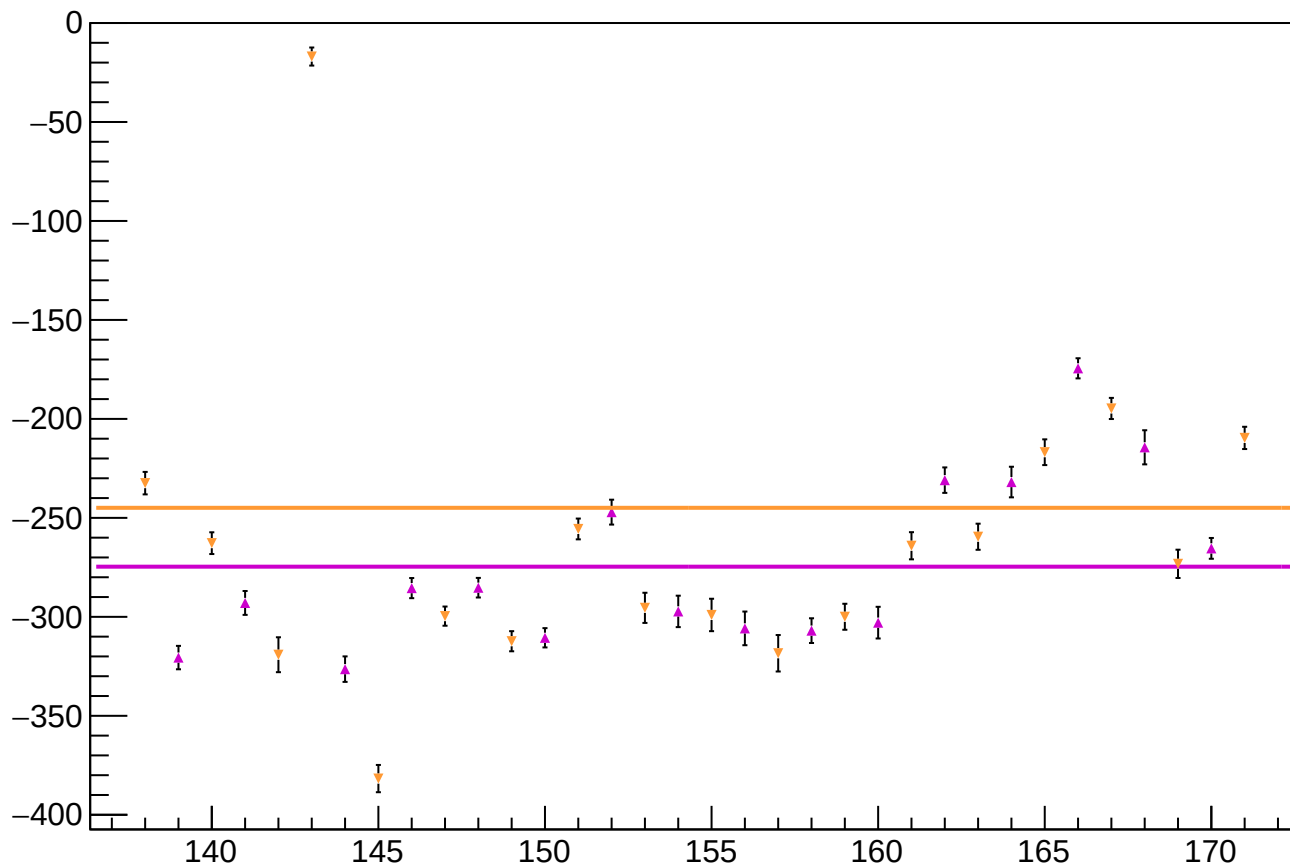
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.909+/-0.083 χ^2/NDF : 206663.8/32

Out: -255.482+/-0.080 χ^2/NDF : 188535.5/36

All: -256.173+/-0.058 χ^2/NDF : 395352.1/69

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: -244.915+/-1.436 χ^2/NDF :3681.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.655+/-1.530 χ^2/NDF :794.4/15

Left: -258.841+/-1.047 χ^2/NDF : 4676.3/33

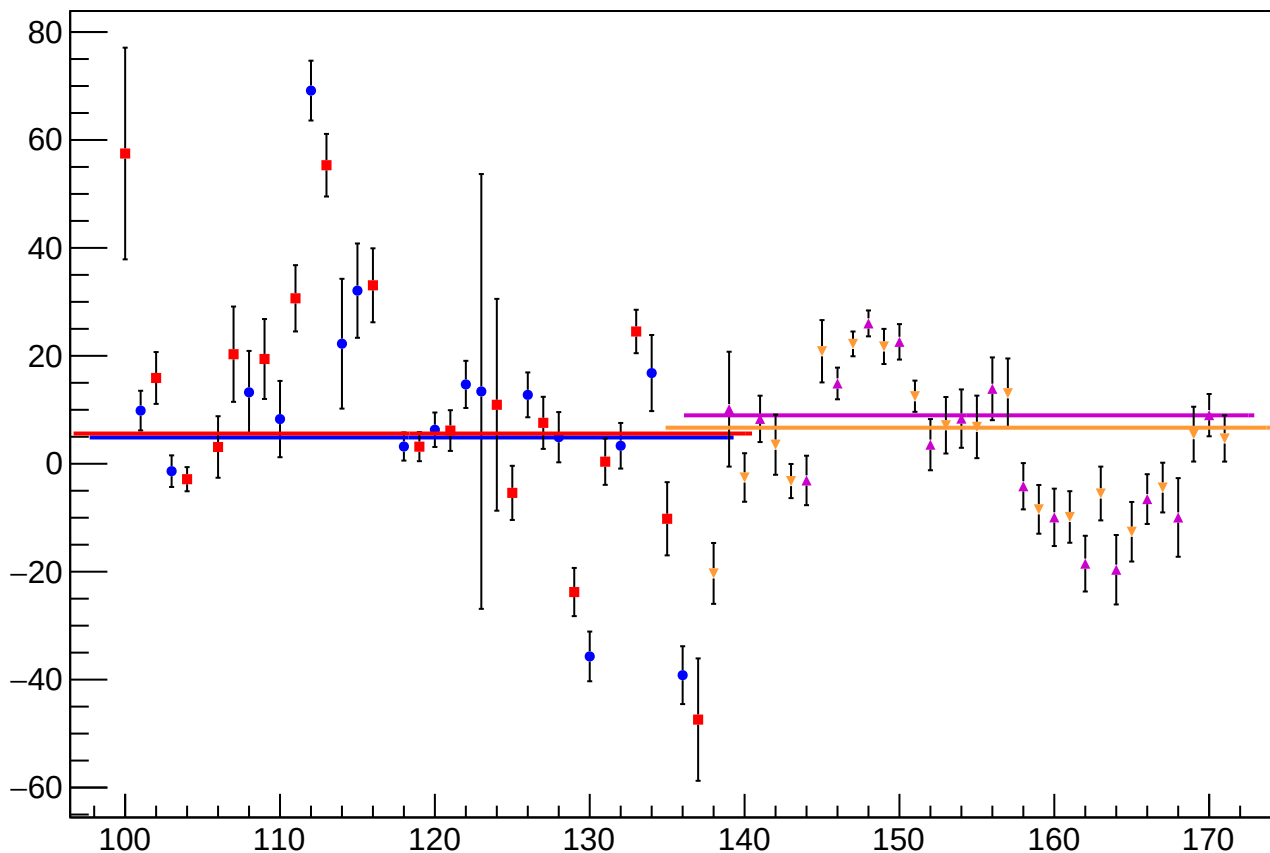
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.655+/-1.530 χ^2/NDF :794.4/15

Out: -244.915+/-1.436 χ^2/NDF :3681.0/17

All: -258.841+/-1.047 χ^2/NDF : 4676.3/33

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: 6.683 ± 0.979 χ^2/NDF : 162.9/17

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 8.971 ± 1.064 χ^2/NDF : 168.8/15

Left: 7.732 ± 0.720 χ^2/NDF : 334.2/33

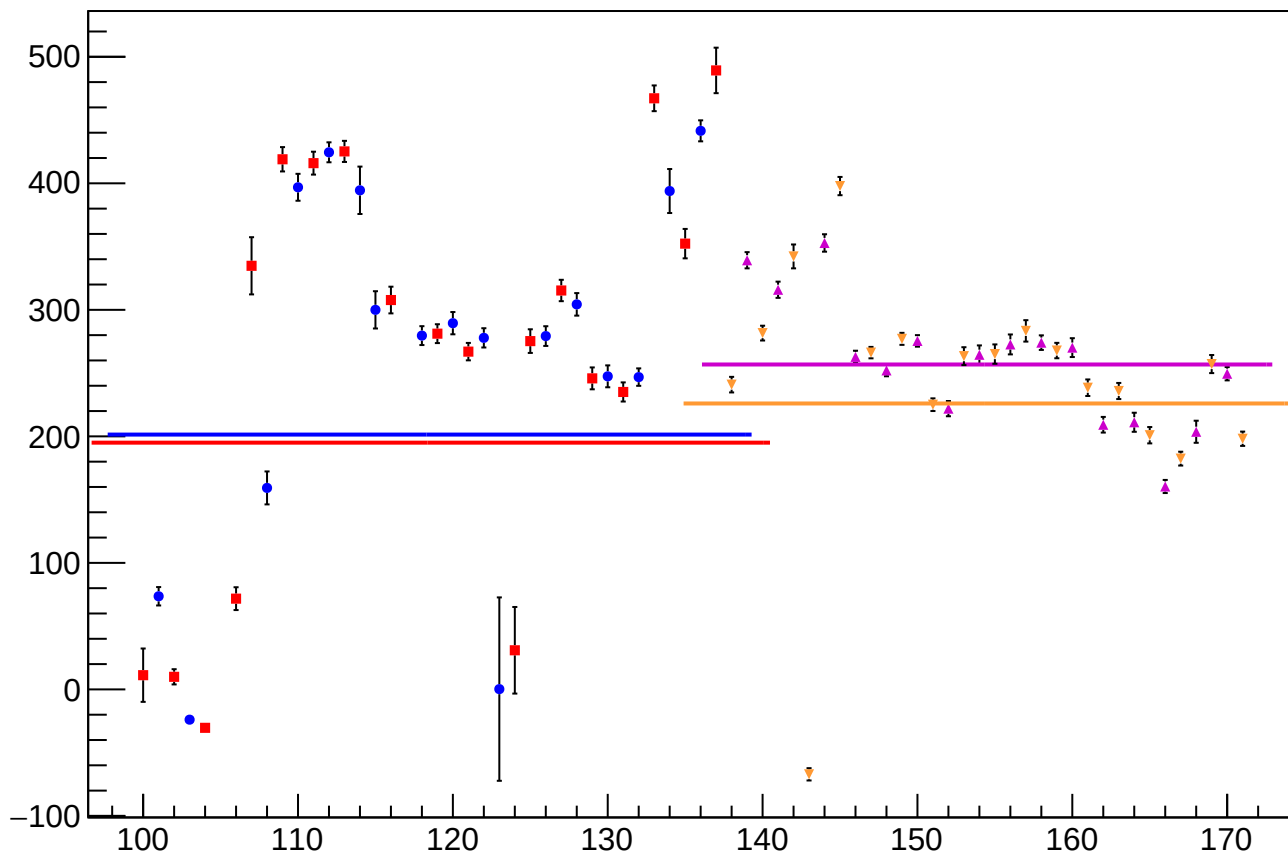
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 6.971 ± 0.762 χ^2/NDF : 487.6/32

Out: 6.191 ± 0.722 χ^2/NDF : 402.1/36

All: 6.561 ± 0.524 χ^2/NDF : 890.2/69

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: 225.988 $\pm$ 1.420 χ^2 /NDF:4910.4/17

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 256.804 $\pm$ 1.496 χ^2 /NDF:996.0/15

Left: 240.600 $\pm$ 1.030 χ^2 /NDF: 6129.6/33

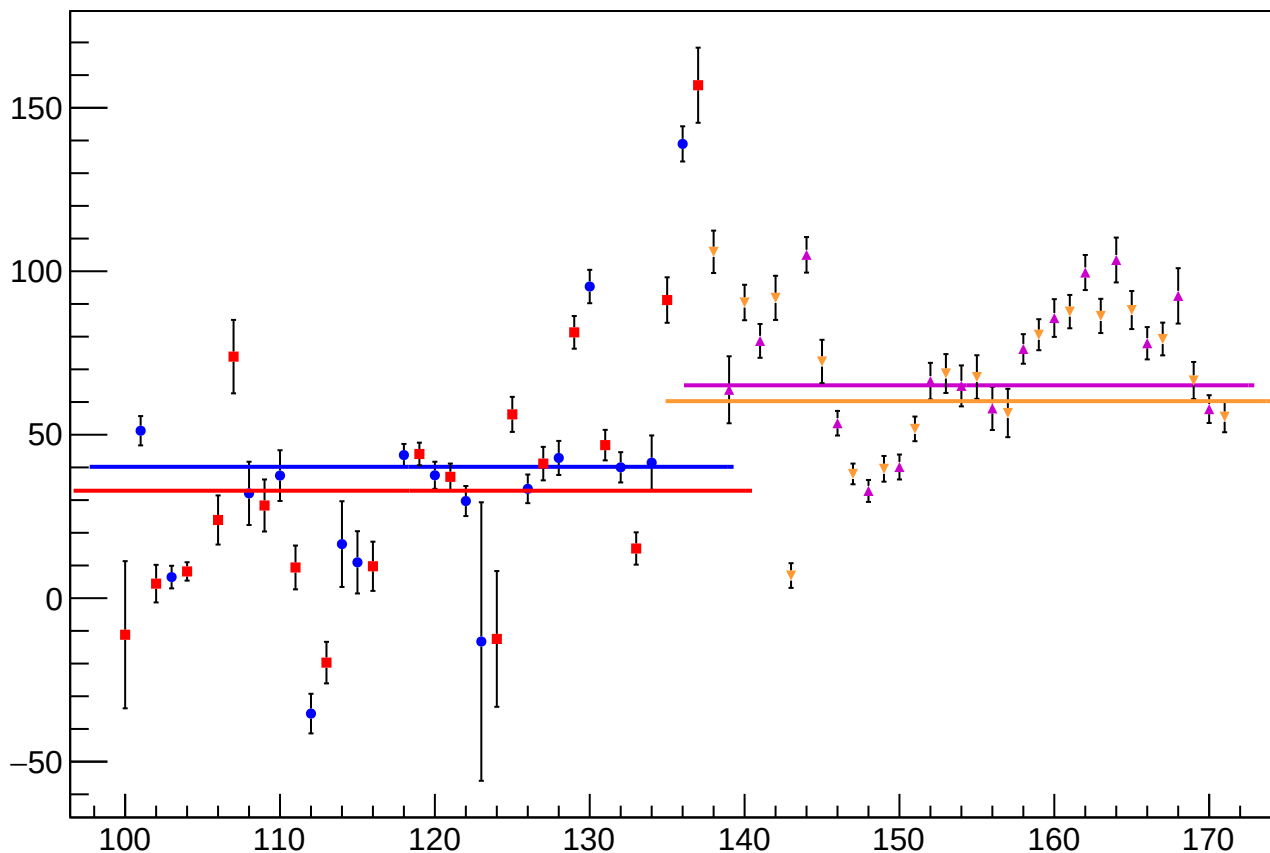
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 236.594 $\pm$ 1.192 χ^2 /NDF:8236.9/32

Out: 215.060 $\pm$ 1.143 χ^2 /NDF:13332.8/36

All: 225.370 $\pm$ 0.825 χ^2 /NDF: 21739.8/69

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: 60.273+/-1.162 χ^2/NDF : 502.3/17

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 65.115+/-1.256 χ^2/NDF : 318.4/15

Left: 62.507+/-0.853 χ^2/NDF : 828.8/33

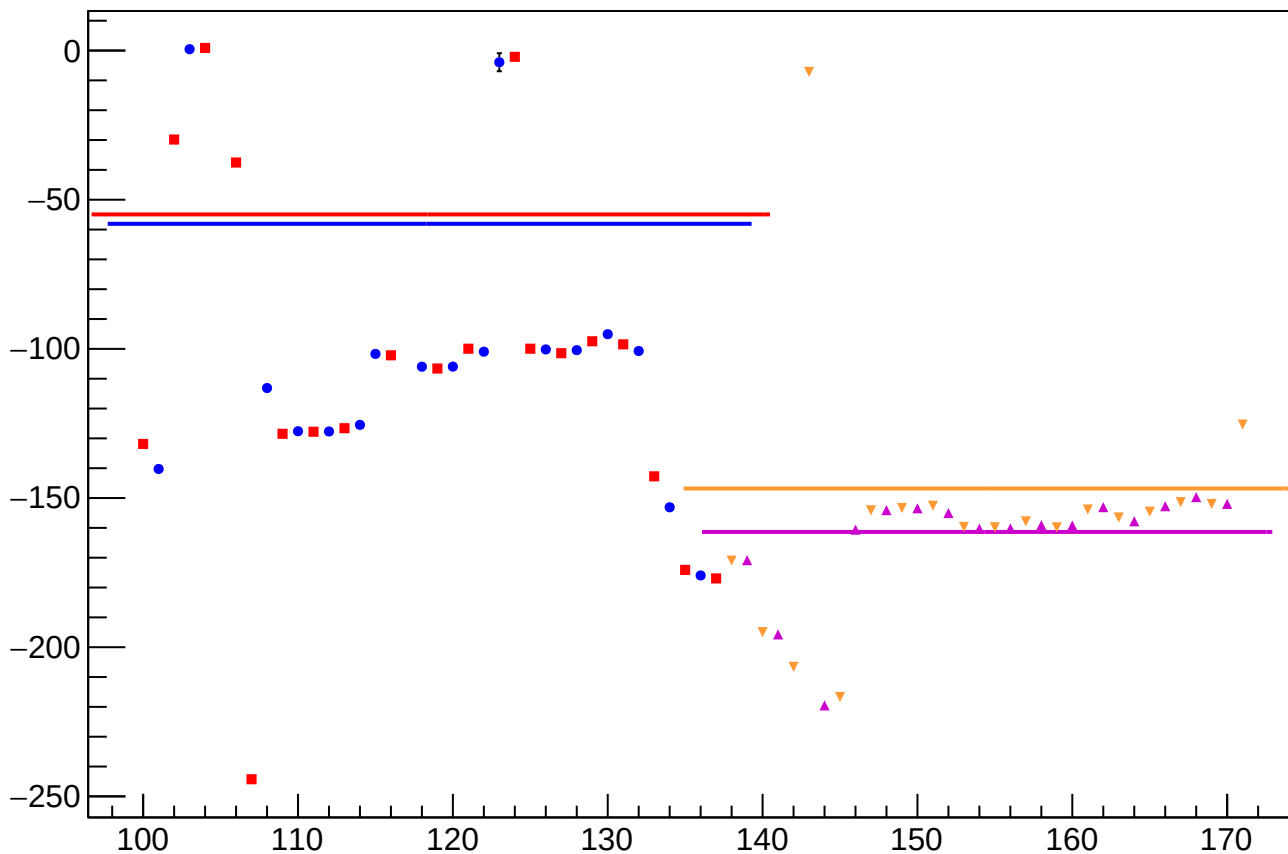
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 52.786+/-0.893 χ^2/NDF : 1247.3/32

Out: 47.577+/-0.851 χ^2/NDF : 1310.9/36

All: 50.058+/-0.616 χ^2/NDF : 2576.0/69

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: -146.798+/-0.057 χ^2/NDF : 669506.2/17

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -161.362+/-0.060 χ^2/NDF : 66625.6/15

Left: -153.703+/-0.041 χ^2/NDF : 767618.4/33

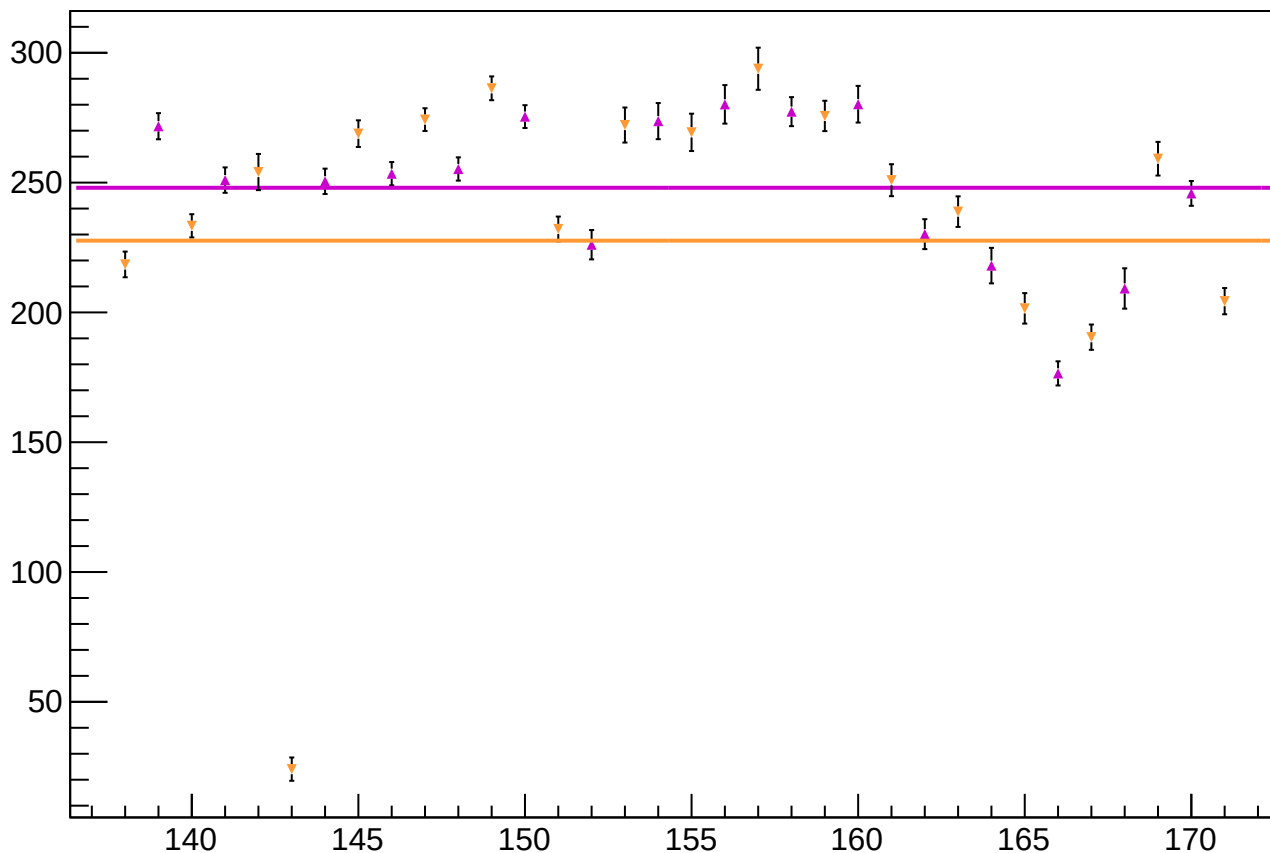
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -111.509+/-0.043 χ^2/NDF : 2624473.0/32

Out: -103.764+/-0.041 χ^2/NDF : 2911309.1/36

All: -107.488+/-0.030 χ^2/NDF : 5552770.3/69

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: 227.636+/-1.273 χ^2/NDF :2768.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.004+/-1.343 χ^2/NDF :451.6/15

Left: 237.271+/-0.924 χ^2/NDF : 3341.0/33

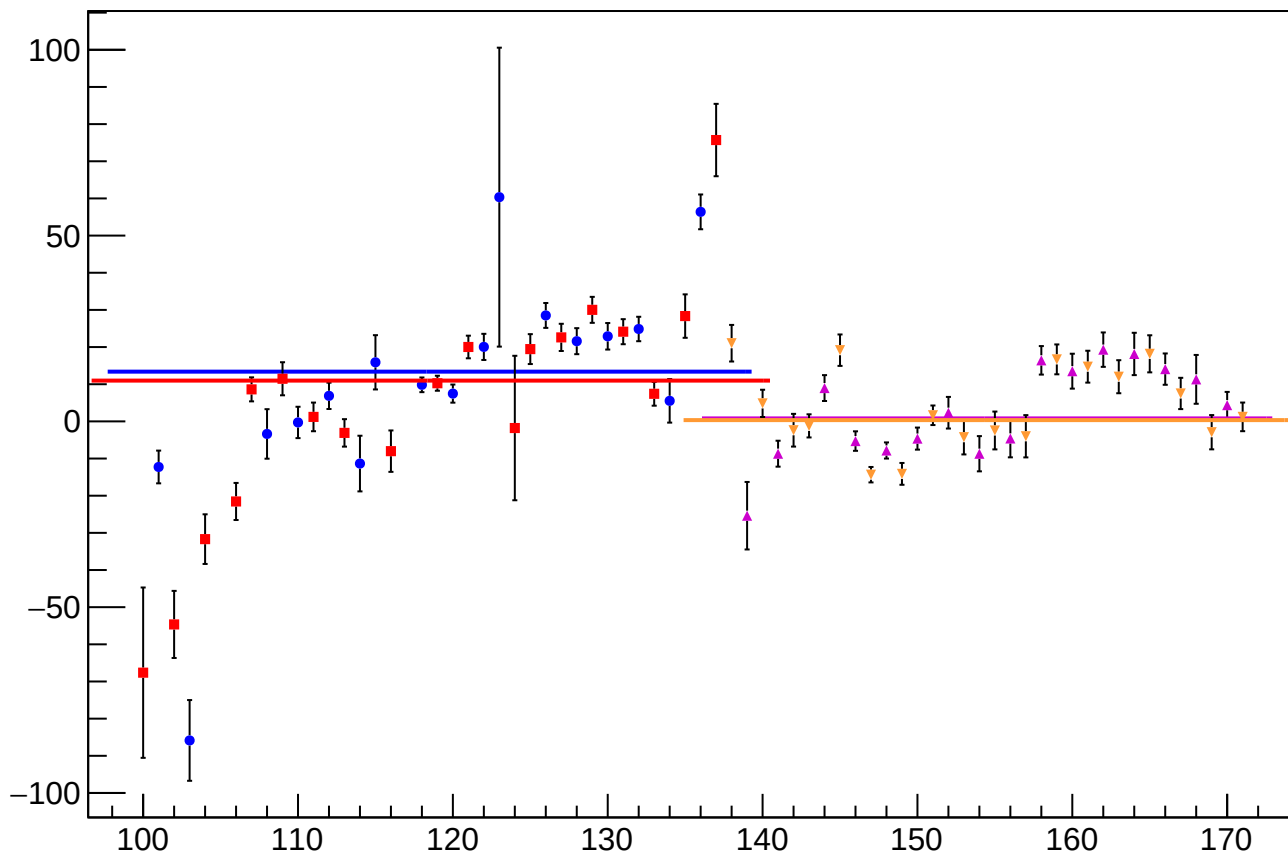
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.004+/-1.343 χ^2/NDF :451.6/15

Out: 227.636+/-1.273 χ^2/NDF :2768.3/17

All: 237.271+/-0.924 χ^2/NDF : 3341.0/33

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 0.341 $\pm$ 0.873 χ^2 /NDF:166.9/17

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: 0.803 $\pm$ 0.939 χ^2 /NDF:113.7/15

Left: 0.555 $\pm$ 0.639 χ^2 /NDF: 280.7/33

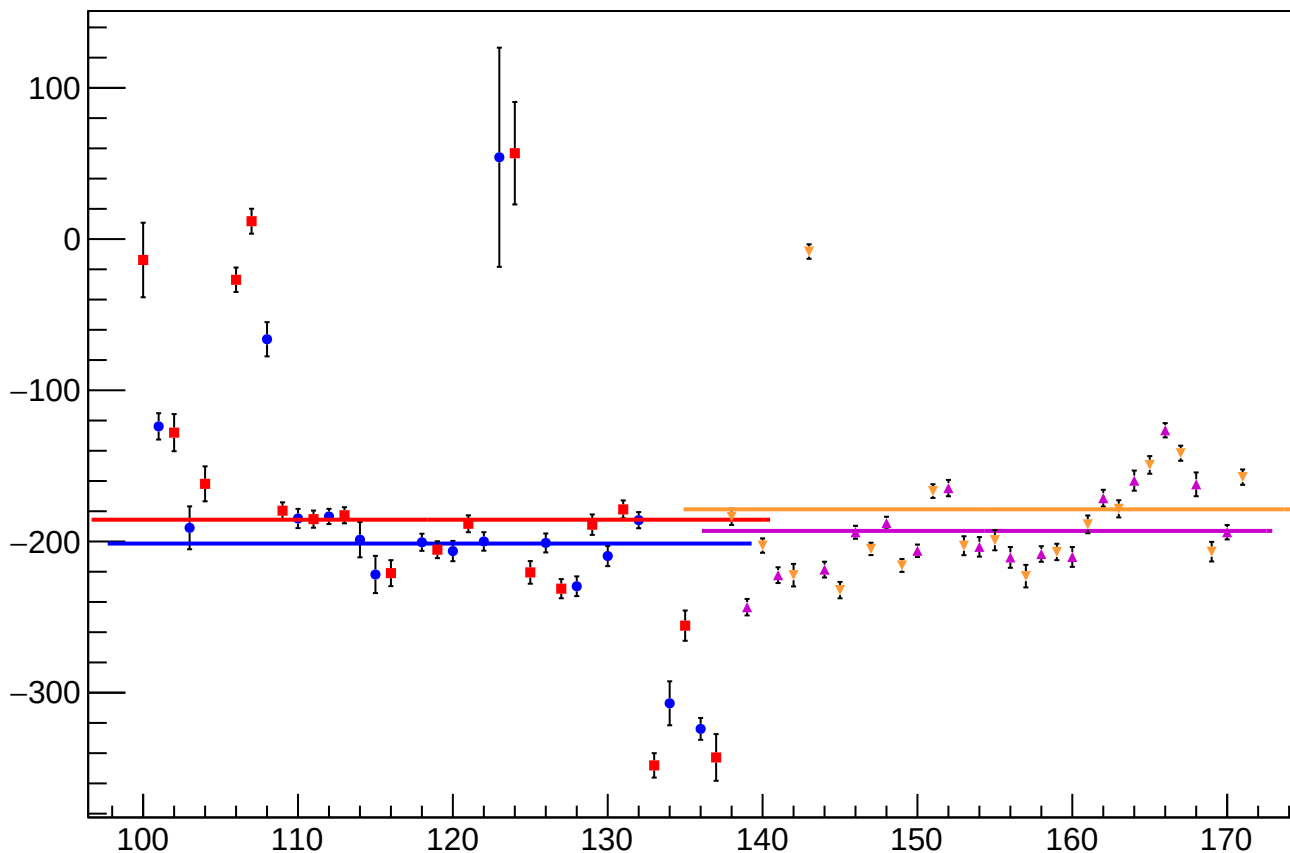
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 7.212 $\pm$ 0.657 χ^2 /NDF:499.3/32

Out: 5.411 $\pm$ 0.632 χ^2 /NDF:541.7/36

All: 6.275 $\pm$ 0.455 χ^2 /NDF: 1044.9/69

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: -178.721 ± 1.261 χ^2/NDF : 1752.2/17

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -192.998 ± 1.317 χ^2/NDF : 458.1/15

Left: -185.551 ± 0.911 χ^2/NDF : 2271.6/33

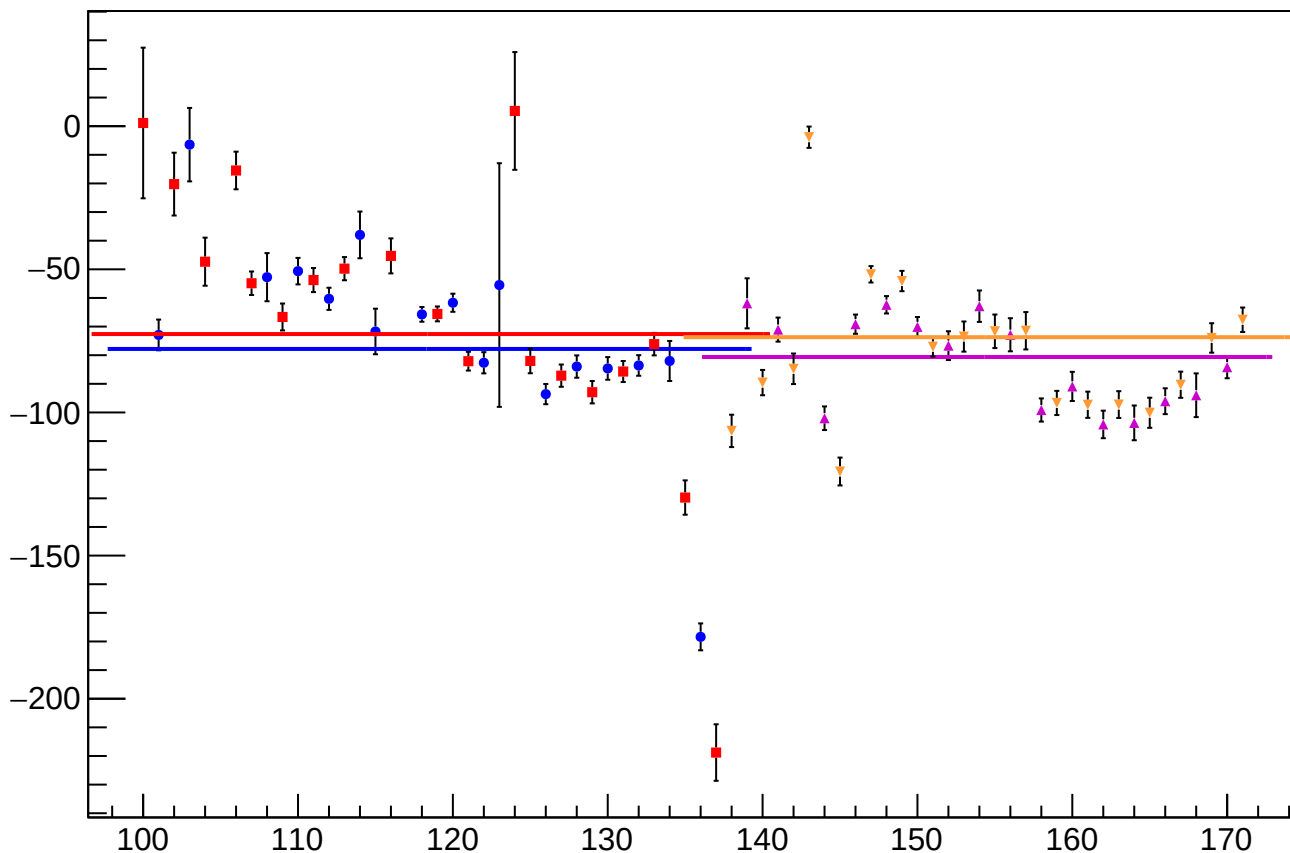
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -195.951 ± 1.059 χ^2/NDF : 1097.3/32

Out: -181.160 ± 1.013 χ^2/NDF : 3511.0/36

All: -188.222 ± 0.732 χ^2/NDF : 4710.1/69

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: -73.709 ± 1.035 χ^2/NDF : 708.9/17

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -80.632 ± 1.107 χ^2/NDF : 185.6/15

Left: -76.938 ± 0.756 χ^2/NDF : 915.3/33

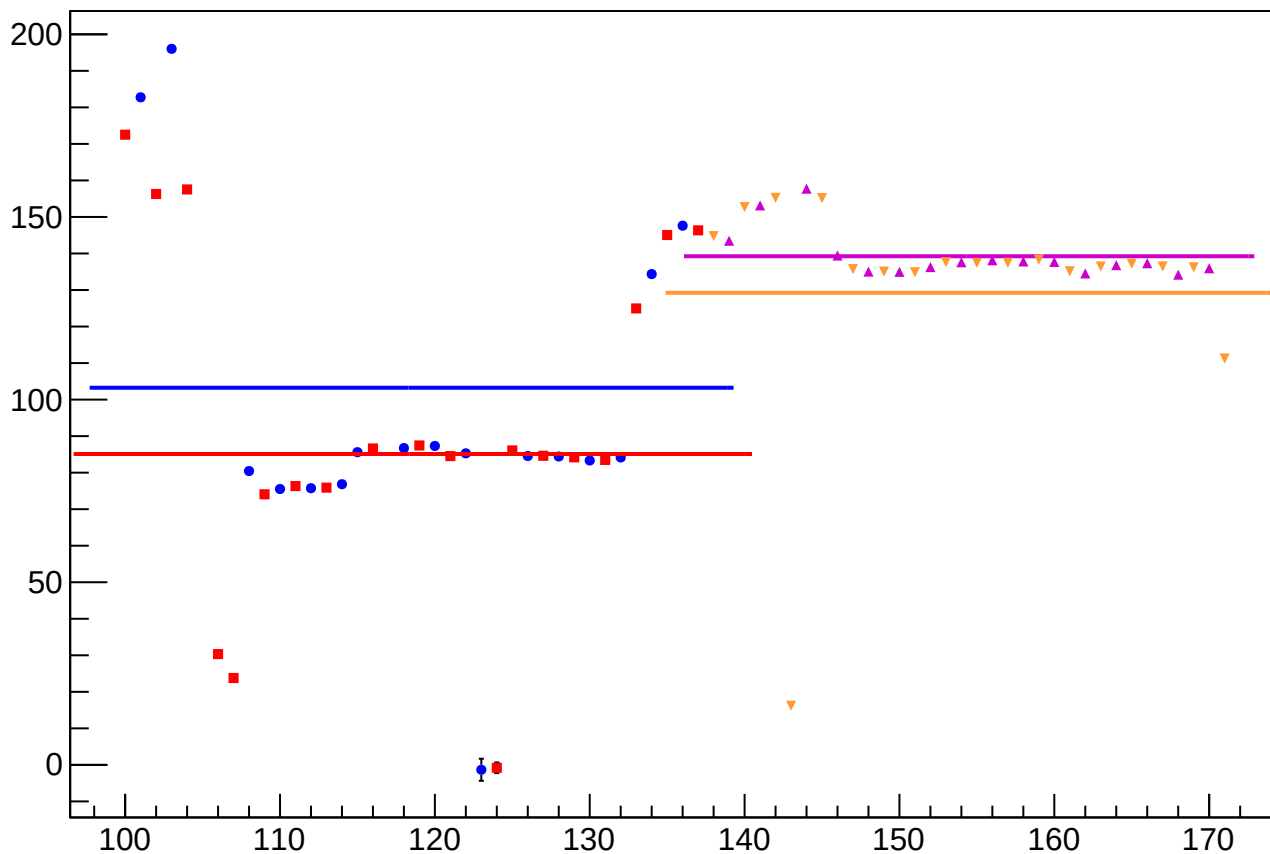
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -79.174 ± 0.769 χ^2/NDF : 845.3/32

Out: -73.171 ± 0.738 χ^2/NDF : 1316.3/36

All: -76.051 ± 0.532 χ^2/NDF : 2193.3/69

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 129.241 $\pm$ 0.050 χ^2 /NDF: 409660.4/17

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 139.243 $\pm$ 0.052 χ^2 /NDF: 14188.6/15

Left: 134.021 $\pm$ 0.036 χ^2 /NDF: 442858.7/33

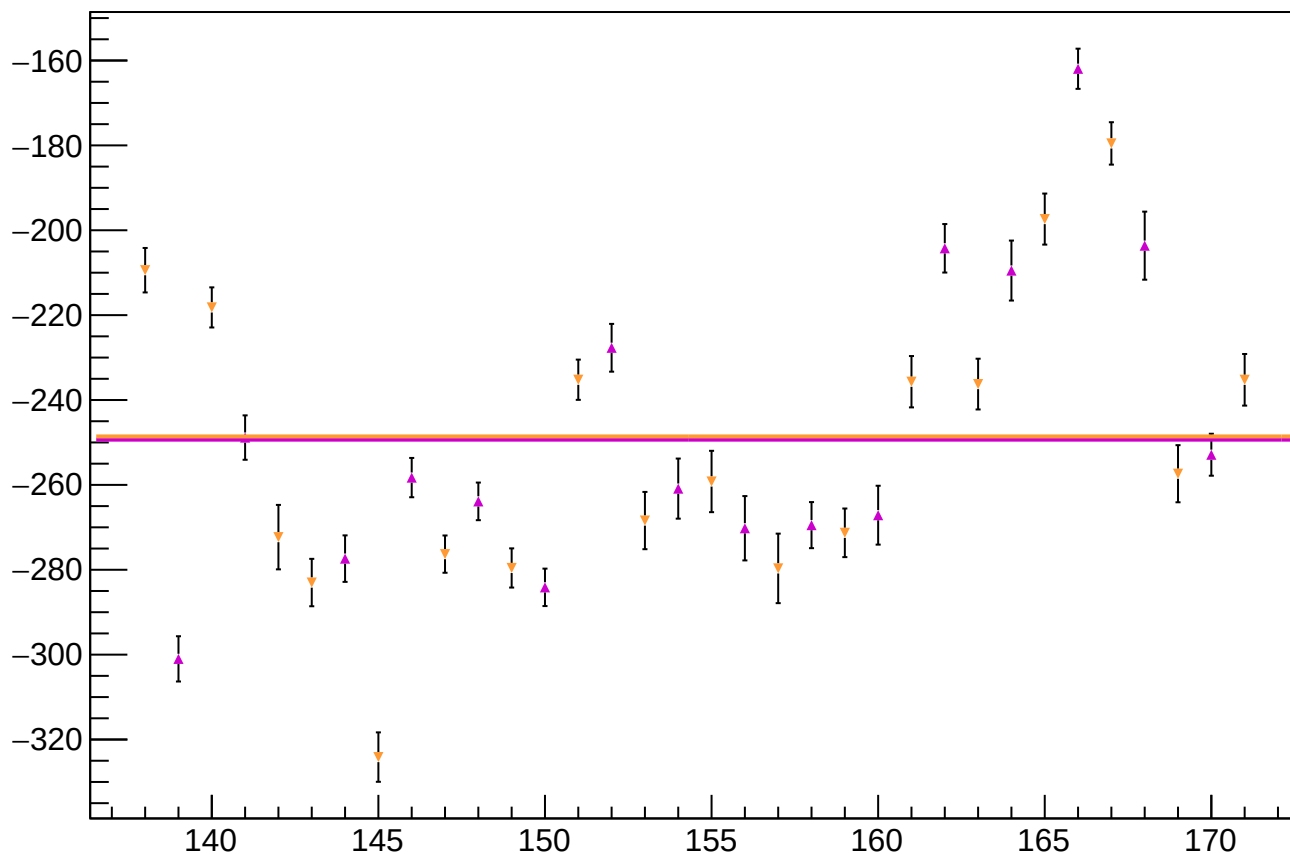
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 126.419 $\pm$ 0.042 χ^2 /NDF: 455586.8/32

Out: 112.355 $\pm$ 0.039 χ^2 /NDF: 1129500.6/36

All: 118.930 $\pm$ 0.029 χ^2 /NDF: 1644635.3/69

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: -248.585+/-1.334 χ^2/NDF : 726.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.339+/-1.375 χ^2/NDF : 709.9/15

Left: -248.951+/-0.957 χ^2/NDF : 1436.1/33

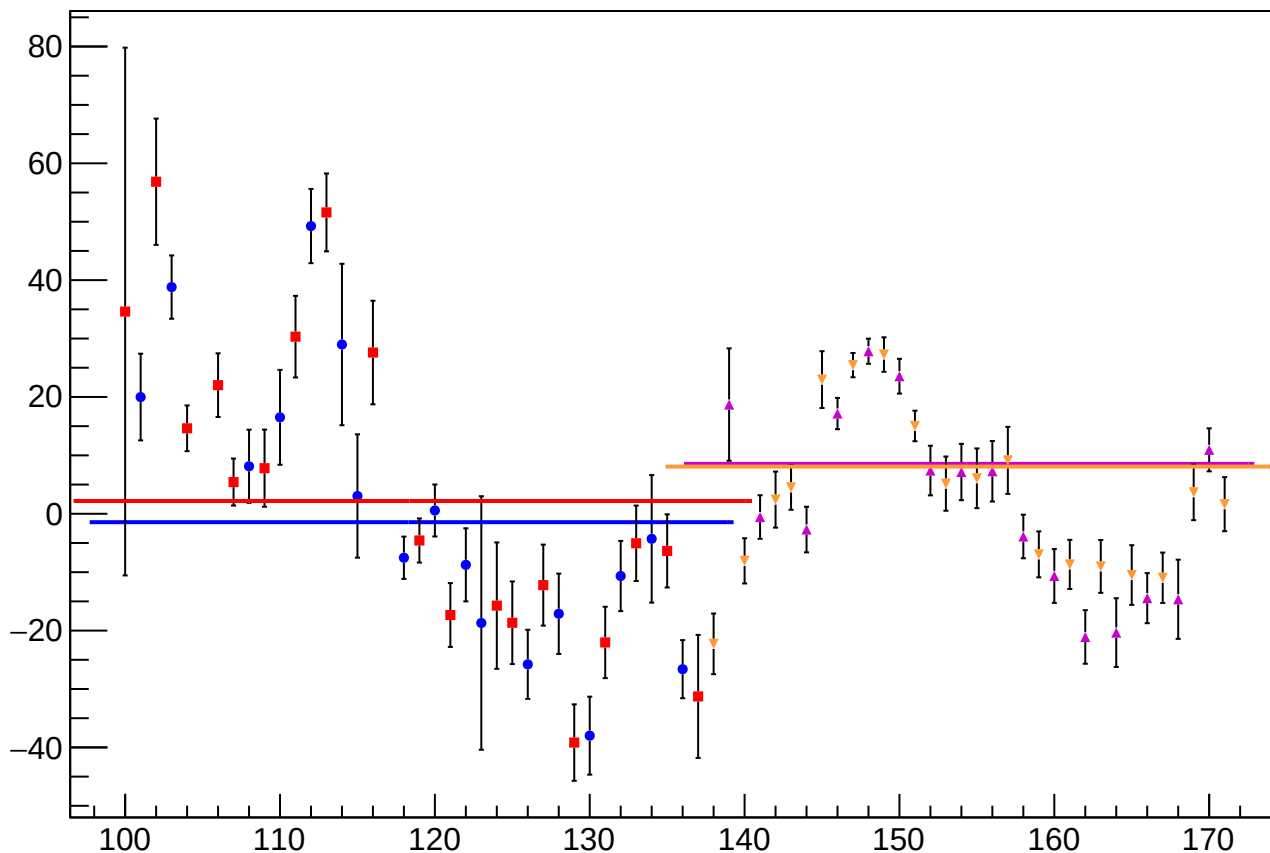
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.339+/-1.375 χ^2/NDF : 709.9/15

Out: -248.585+/-1.334 χ^2/NDF : 726.0/17

All: -248.951+/-0.957 χ^2/NDF : 1436.1/33

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 8.080 ± 0.907 $\chi^2/\text{NDF}: 262.7/17$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 8.543 ± 0.954 $\chi^2/\text{NDF}: 267.0/15$

Left: 8.300 ± 0.657 $\chi^2/\text{NDF}: 529.9/33$

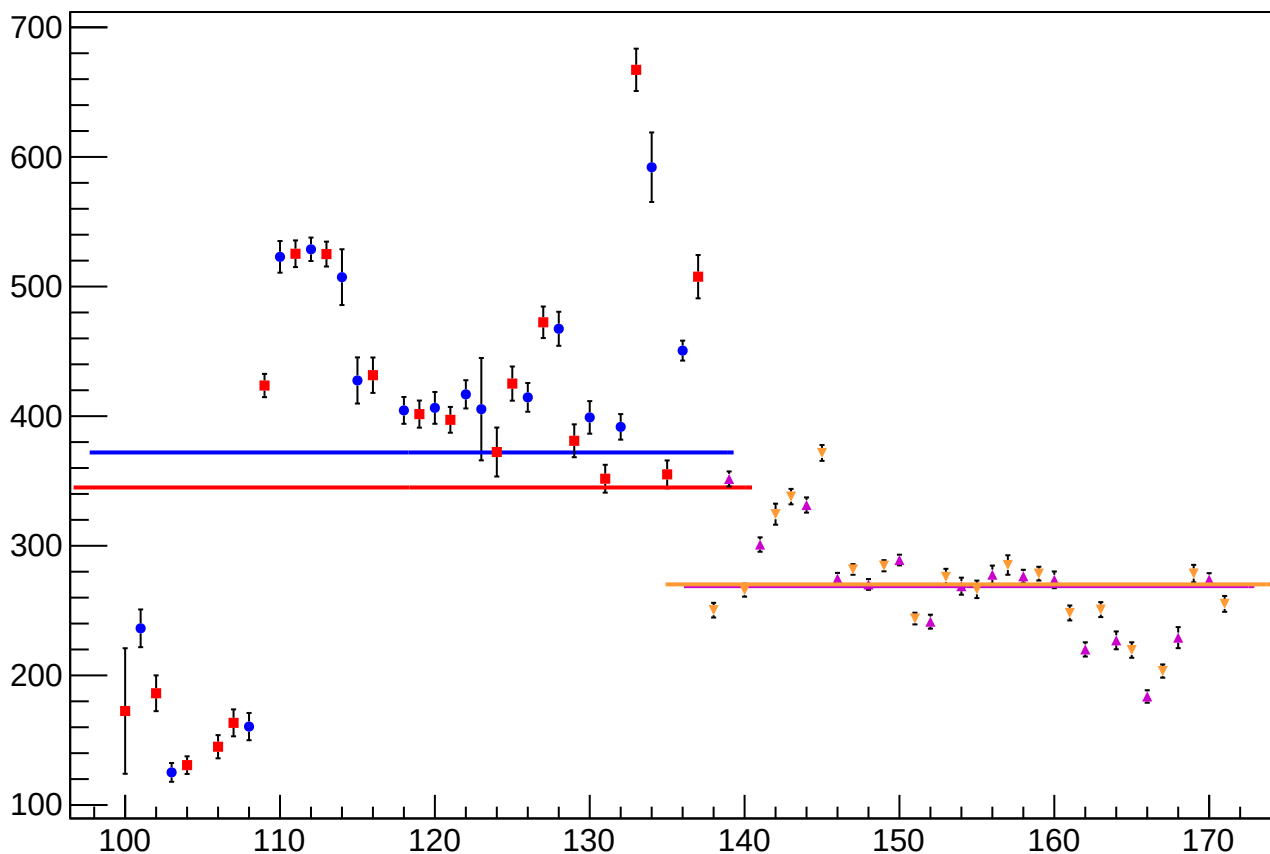
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 5.710 ± 0.808 $\chi^2/\text{NDF}: 522.5/32$

Out: 6.340 ± 0.761 $\chi^2/\text{NDF}: 505.9/36$

All: 6.044 ± 0.554 $\chi^2/\text{NDF}: 1028.7/69$

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: 270.223 $\pm$ 1.315 χ^2 /NDF: 799.0/17

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 268.863 $\pm$ 1.344 χ^2 /NDF: 860.9/15

Left: 269.558 $\pm$ 0.940 χ^2 /NDF: 1660.4/33

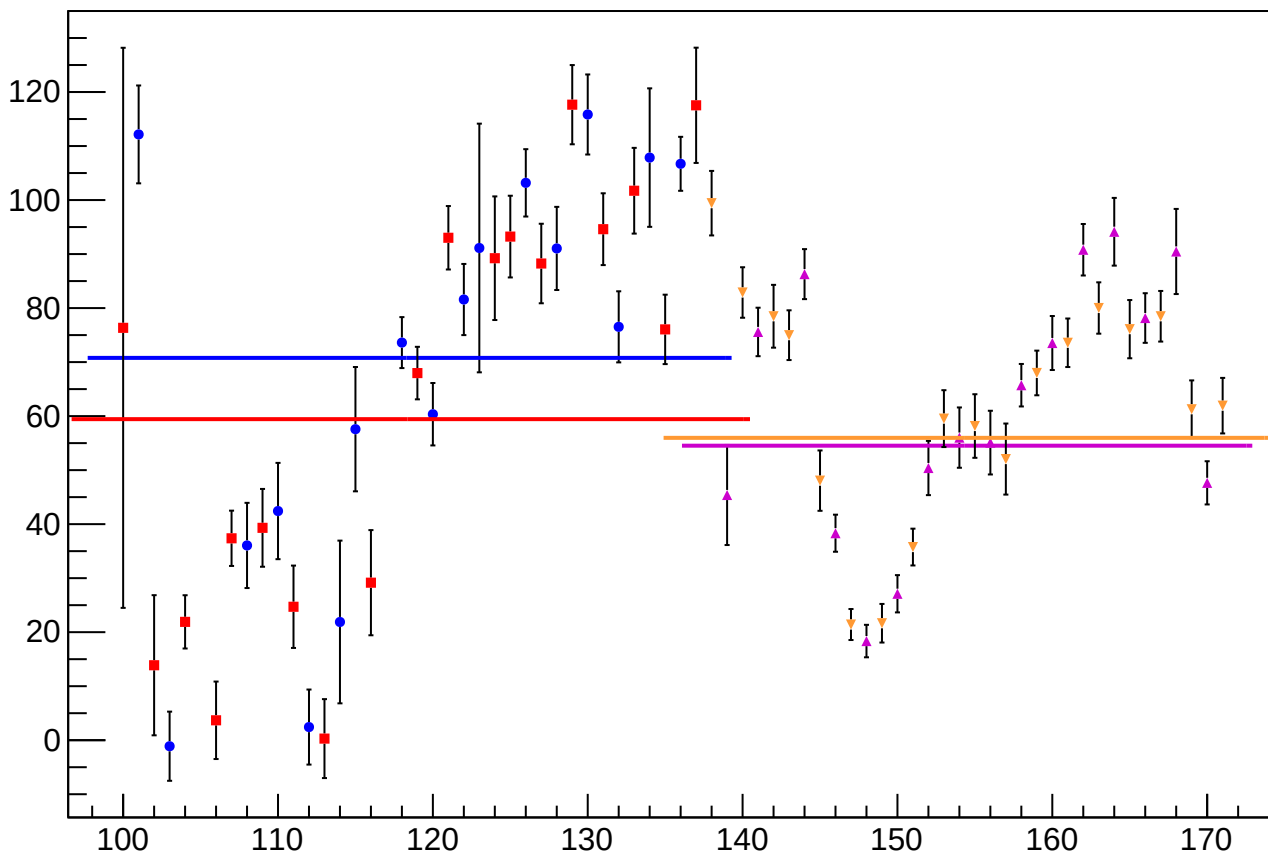
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 288.566 $\pm$ 1.208 χ^2 /NDF: 4417.8/32

Out: 285.822 $\pm$ 1.170 χ^2 /NDF: 4888.0/36

All: 287.149 $\pm$ 0.840 χ^2 /NDF: 9308.5/69

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: 55.976 $\pm$ 1.077 χ^2 /NDF:482.2/17

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 54.525 $\pm$ 1.126 χ^2 /NDF:471.5/15

Left: 55.283 $\pm$ 0.779 χ^2 /NDF: 954.6/33

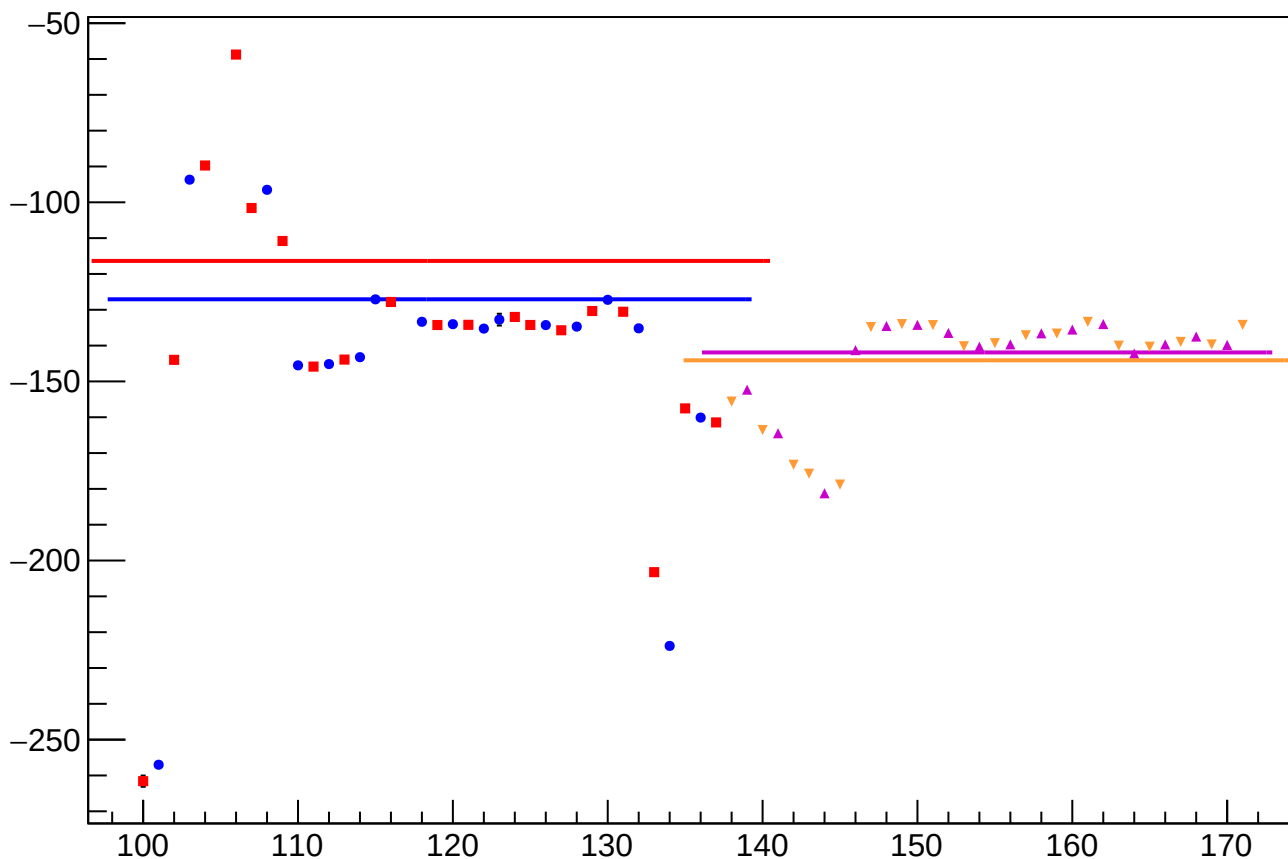
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 59.300 $\pm$ 0.947 χ^2 /NDF:956.6/32

Out: 57.028 $\pm$ 0.899 χ^2 /NDF:972.1/36

All: 58.105 $\pm$ 0.652 χ^2 /NDF: 1931.7/69

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -144.107 ± 0.052 $\chi^2/\text{NDF}: 73212.8/17$

Right Out: -116.365 ± 0.083 $\chi^2/\text{NDF}: 167555.3/18$

Left In: -141.910 ± 0.053 $\chi^2/\text{NDF}: 43993.5/15$

Left: -143.030 ± 0.037 $\chi^2/\text{NDF}: 118067.9/33$

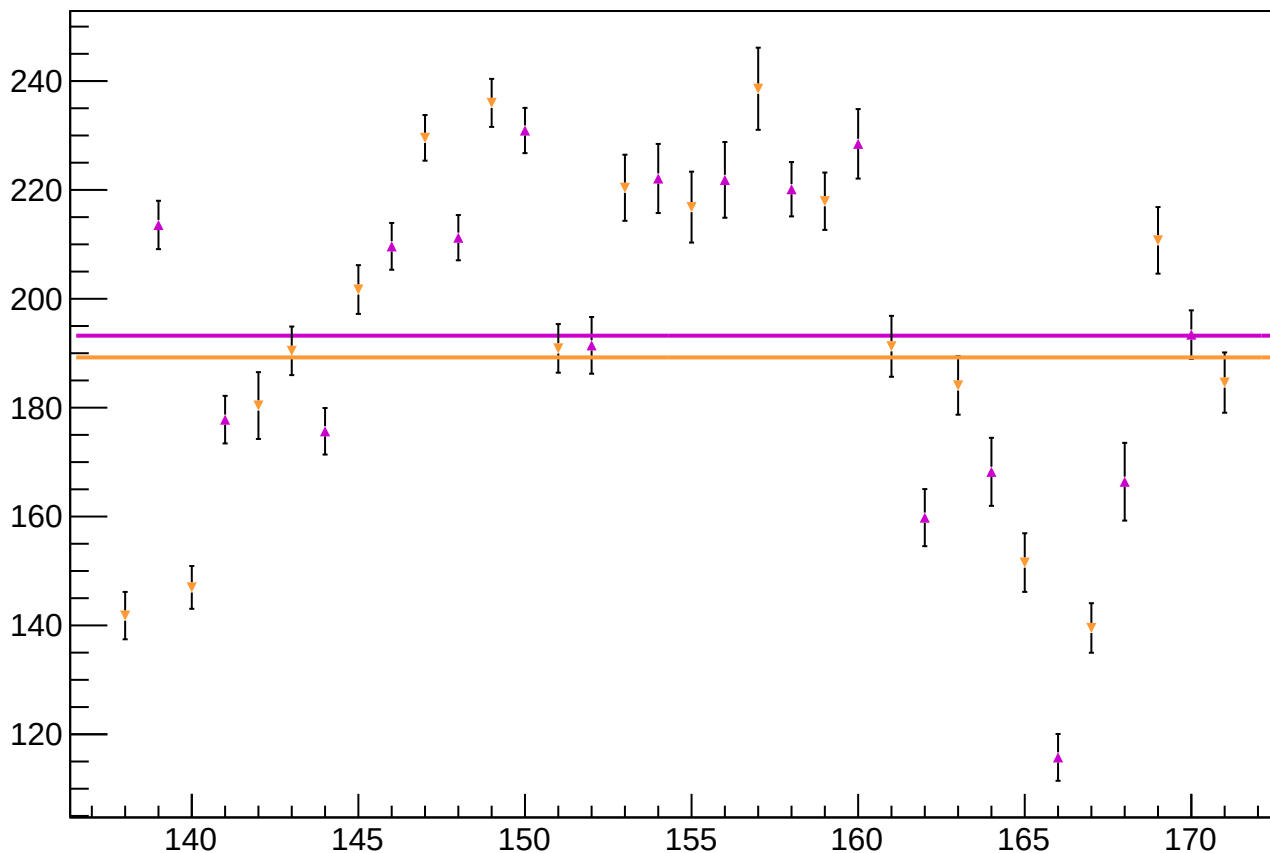
Right: -121.310 ± 0.061 $\chi^2/\text{NDF}: 342291.2/35$

In: -138.014 ± 0.046 $\chi^2/\text{NDF}: 231266.2/32$

Out: -136.185 ± 0.044 $\chi^2/\text{NDF}: 320777.0/36$

All: -137.067 ± 0.032 $\chi^2/\text{NDF}: 552865.6/69$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 189.231+/-1.182 χ^2/NDF : 748.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.225+/-1.230 χ^2/NDF : 658.1/15

Left: 191.148+/-0.852 χ^2/NDF : 1412.0/33

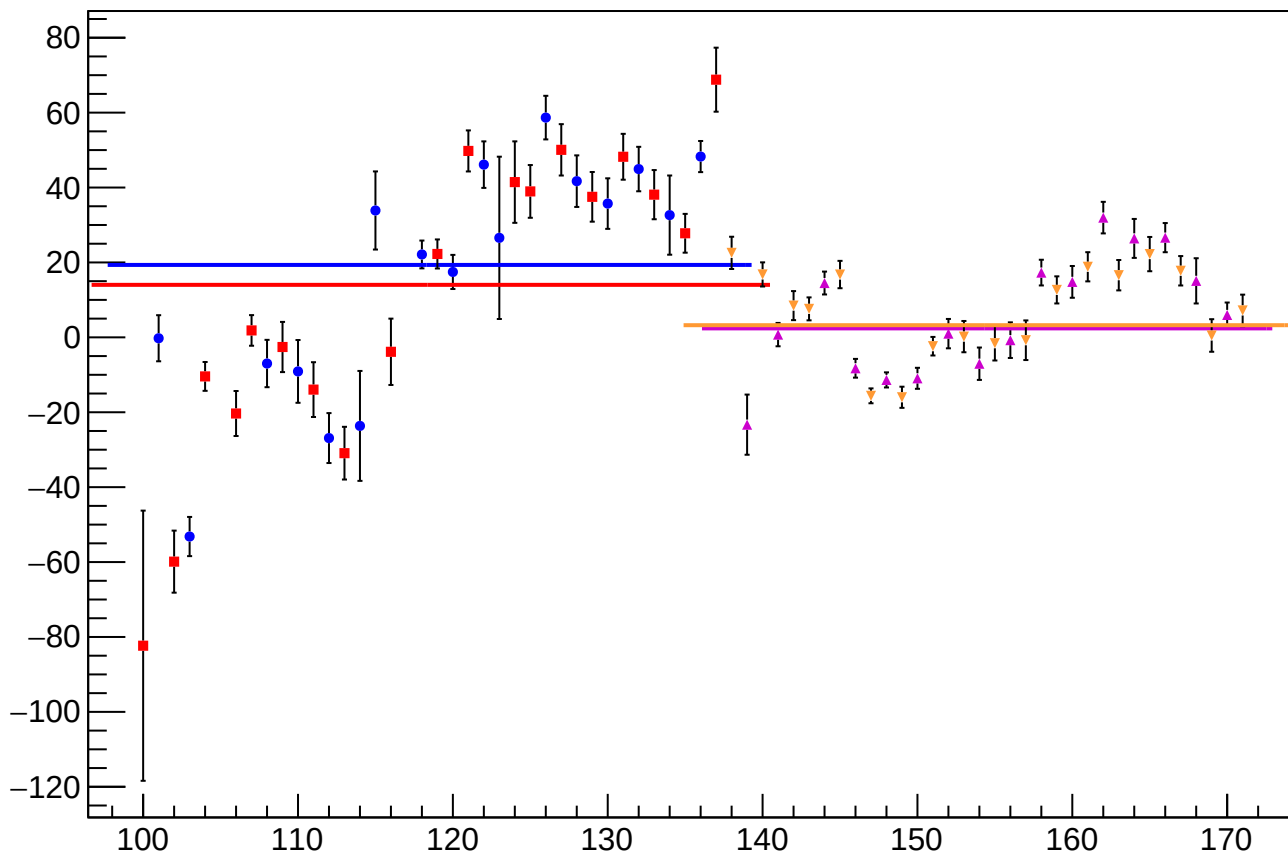
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.225+/-1.230 χ^2/NDF : 658.1/15

Out: 189.231+/-1.182 χ^2/NDF : 748.5/17

All: 191.148+/-0.852 χ^2/NDF : 1412.0/33

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: 3.244+/-0.815 χ^2/NDF : 265.2/17

Right Out: 14.018+/-1.390 χ^2/NDF : 433.2/18

Left In: 2.392+/-0.864 χ^2/NDF : 261.1/15

Left: 2.843+/-0.593 χ^2/NDF : 526.8/33

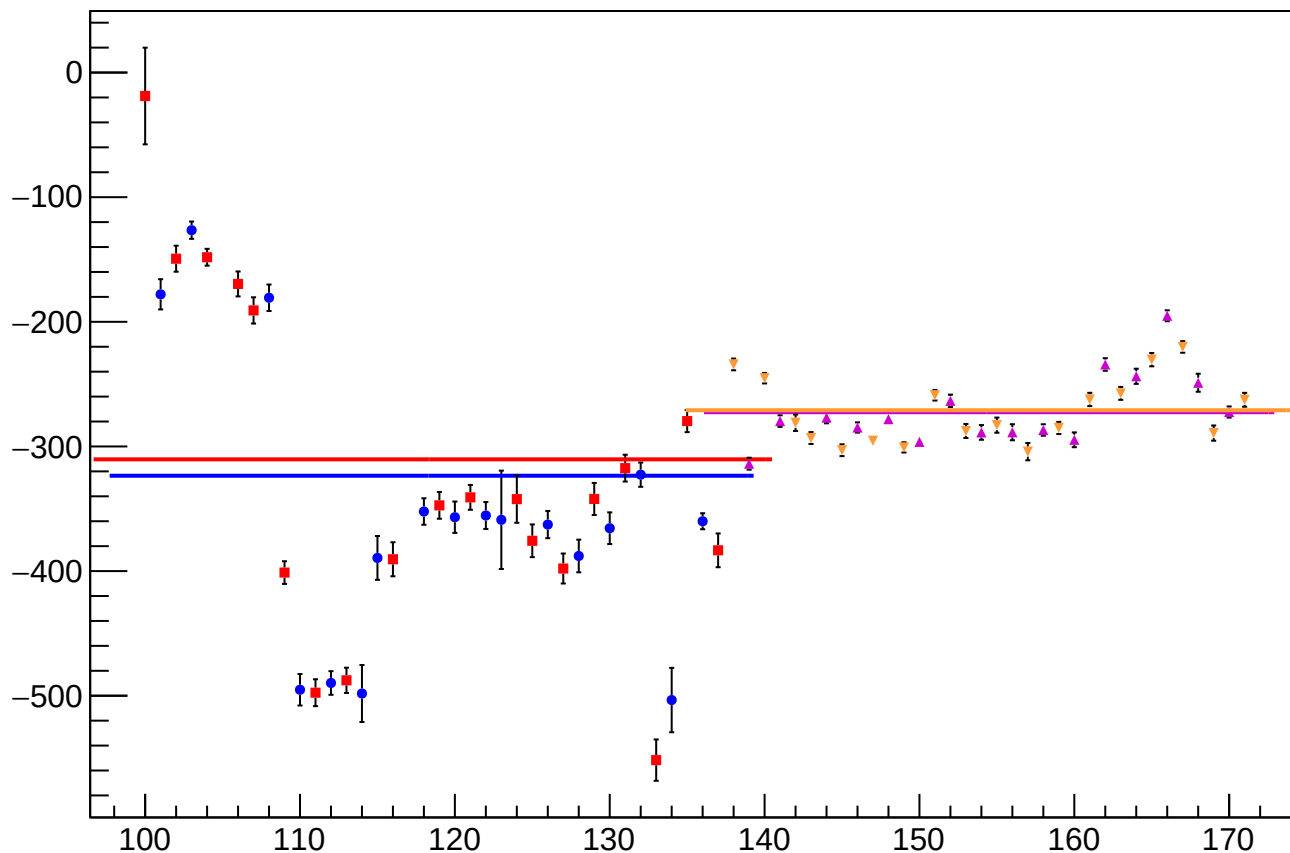
Right: 16.507+/-1.014 χ^2/NDF : 879.9/35

In: 6.690+/-0.747 χ^2/NDF : 798.4/32

Out: 6.000+/-0.703 χ^2/NDF : 743.1/36

All: 6.325+/-0.512 χ^2/NDF : 1542.0/69

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -270.938 ± 1.173 χ^2/NDF : 508.8/17

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -272.534 ± 1.208 χ^2/NDF : 568.8/15

Left: -271.712 ± 0.842 χ^2/NDF : 1078.5/33

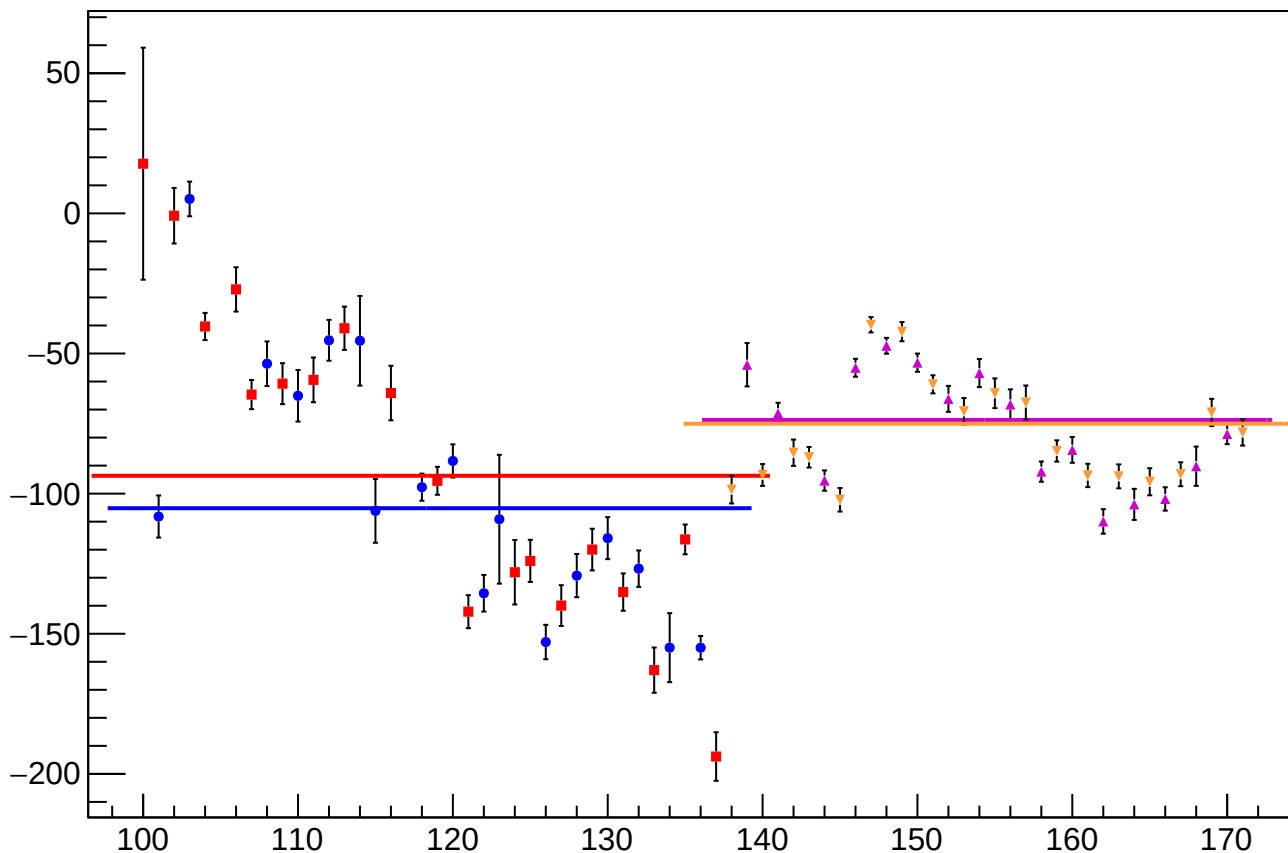
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -281.183 ± 1.101 χ^2/NDF : 2718.2/32

Out: -277.947 ± 1.064 χ^2/NDF : 3010.1/36

All: -279.509 ± 0.765 χ^2/NDF : 5732.7/69

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: -75.059+/-0.965 χ^2 /NDF:469.3/17

Right Out: -93.625+/-1.610 χ^2 /NDF: 822.7/18

Left In: -73.712+/-1.018 χ^2 /NDF:401.0/15

Left: -74.421+/-0.700 χ^2 /NDF: 871.3/33

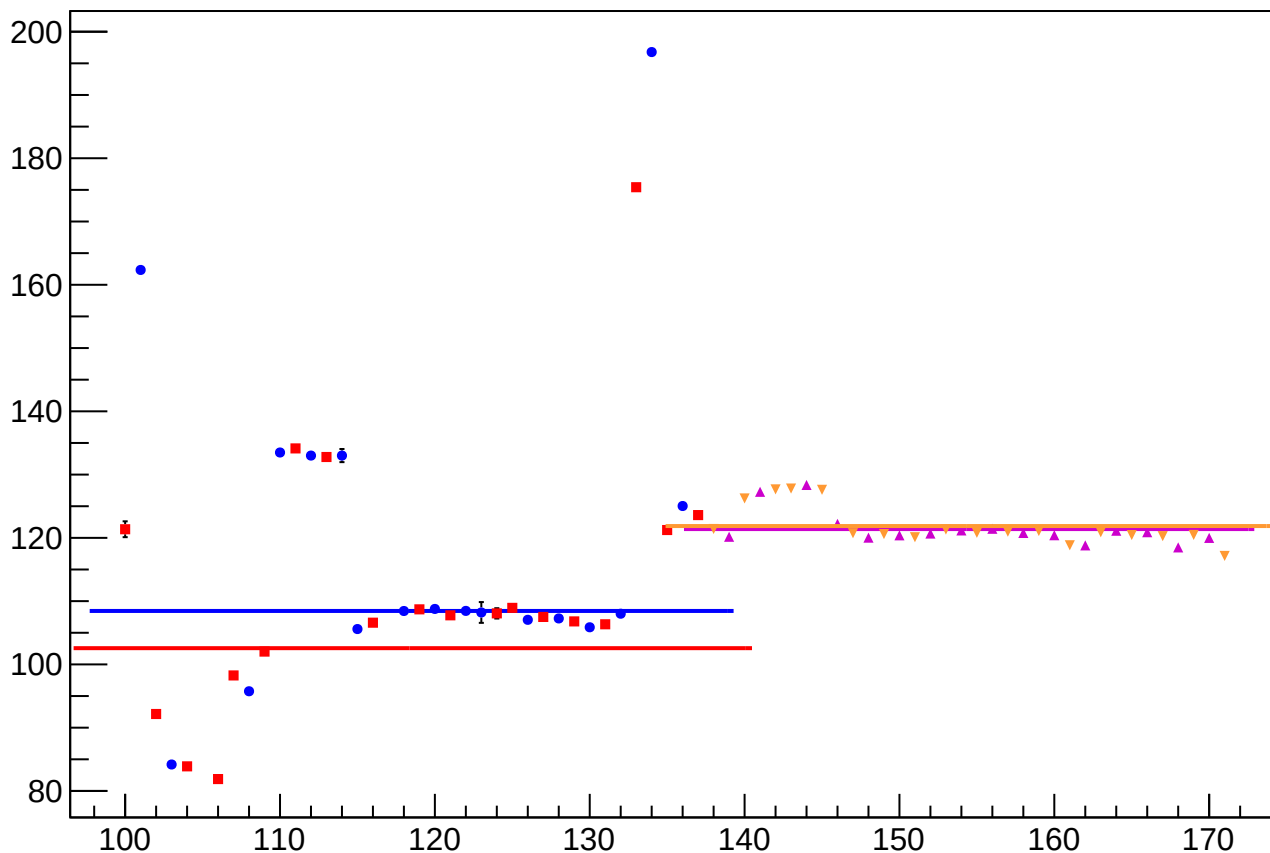
Right: -99.110+/-1.168 χ^2 /NDF: 1582.8/35

In: -82.044+/-0.873 χ^2 /NDF:1390.0/32

Out: -79.969+/-0.828 χ^2 /NDF:1389.8/36

All: -80.952+/-0.601 χ^2 /NDF: 2782.8/69

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: 121.867 $\pm$ 0.047 χ^2 /NDF: 4180.1/17

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.390 $\pm$ 0.048 χ^2 /NDF: 2779.1/15

Left: 121.635 $\pm$ 0.033 χ^2 /NDF: 7009.8/33

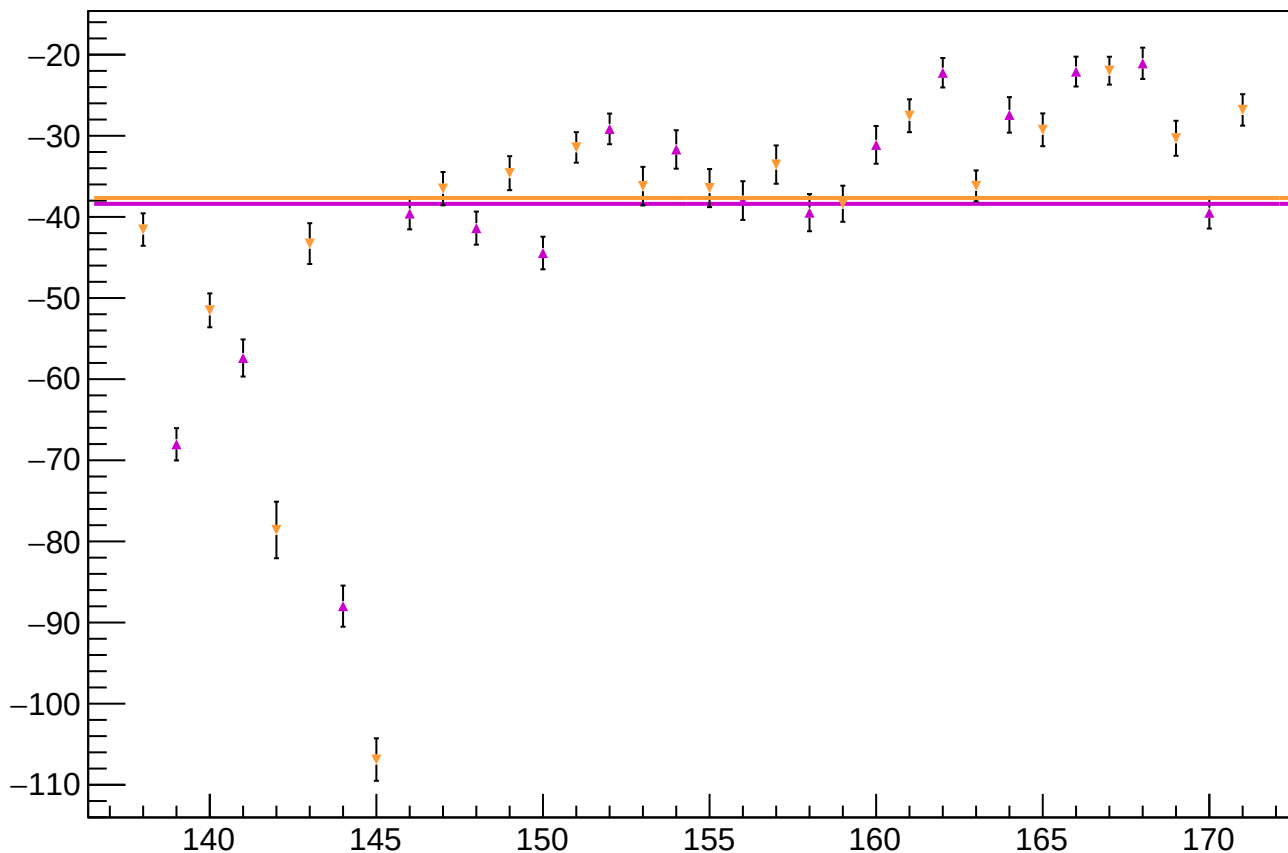
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.248 $\pm$ 0.042 χ^2 /NDF: 93683.9/32

Out: 116.911 $\pm$ 0.040 χ^2 /NDF: 101186.9/36

All: 117.554 $\pm$ 0.029 χ^2 /NDF: 195401.6/69

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: -37.662+/-0.504 χ^2/NDF :1075.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.391+/-0.520 χ^2/NDF :990.5/15

Left: -38.015+/-0.362 χ^2/NDF : 2067.2/33

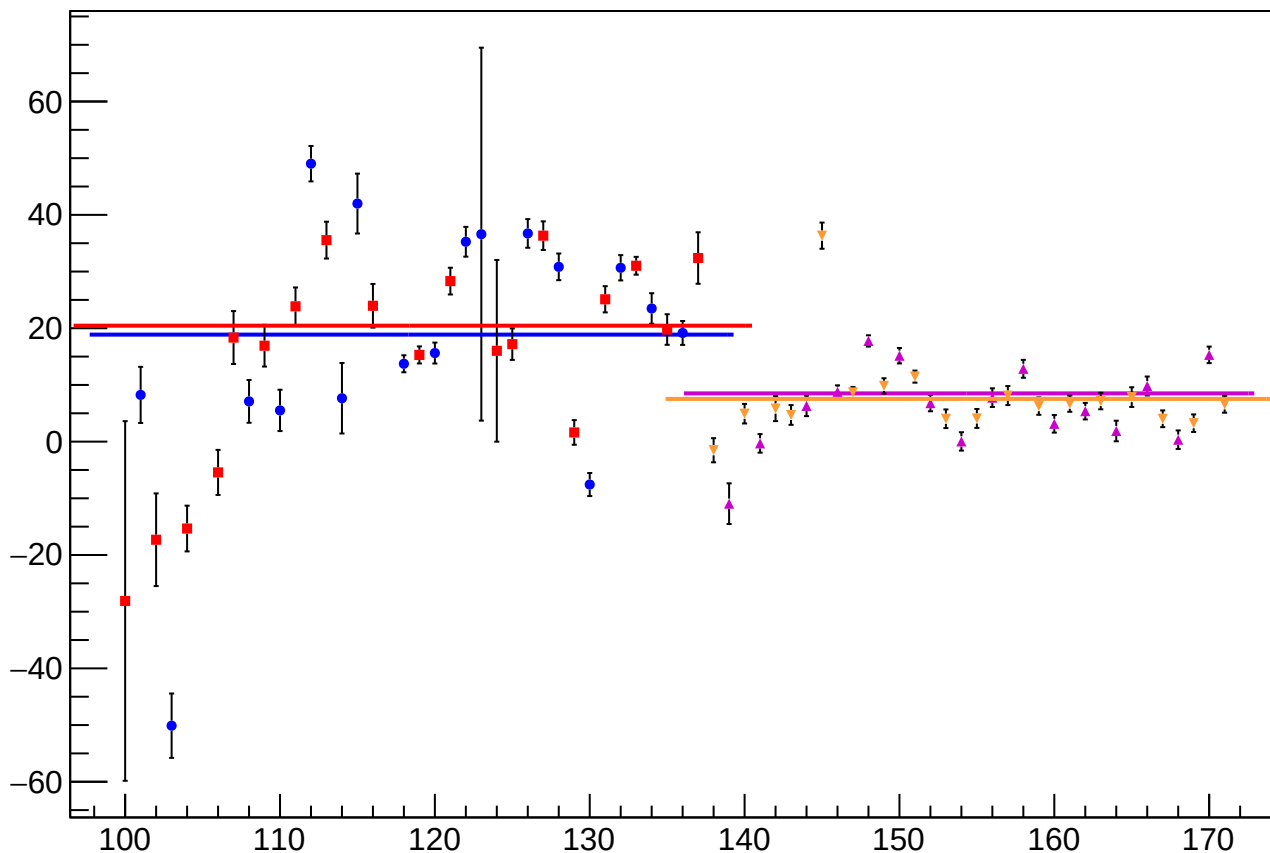
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.391+/-0.520 χ^2/NDF :990.5/15

Out: -37.662+/-0.504 χ^2/NDF :1075.8/17

All: -38.015+/-0.362 χ^2/NDF : 2067.2/33

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 7.535 $\pm$ 0.356 χ^2 /NDF:220.6/17

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 8.511 $\pm$ 0.375 χ^2 /NDF:284.5/15

Left: 7.998 $\pm$ 0.258 χ^2 /NDF: 508.7/33

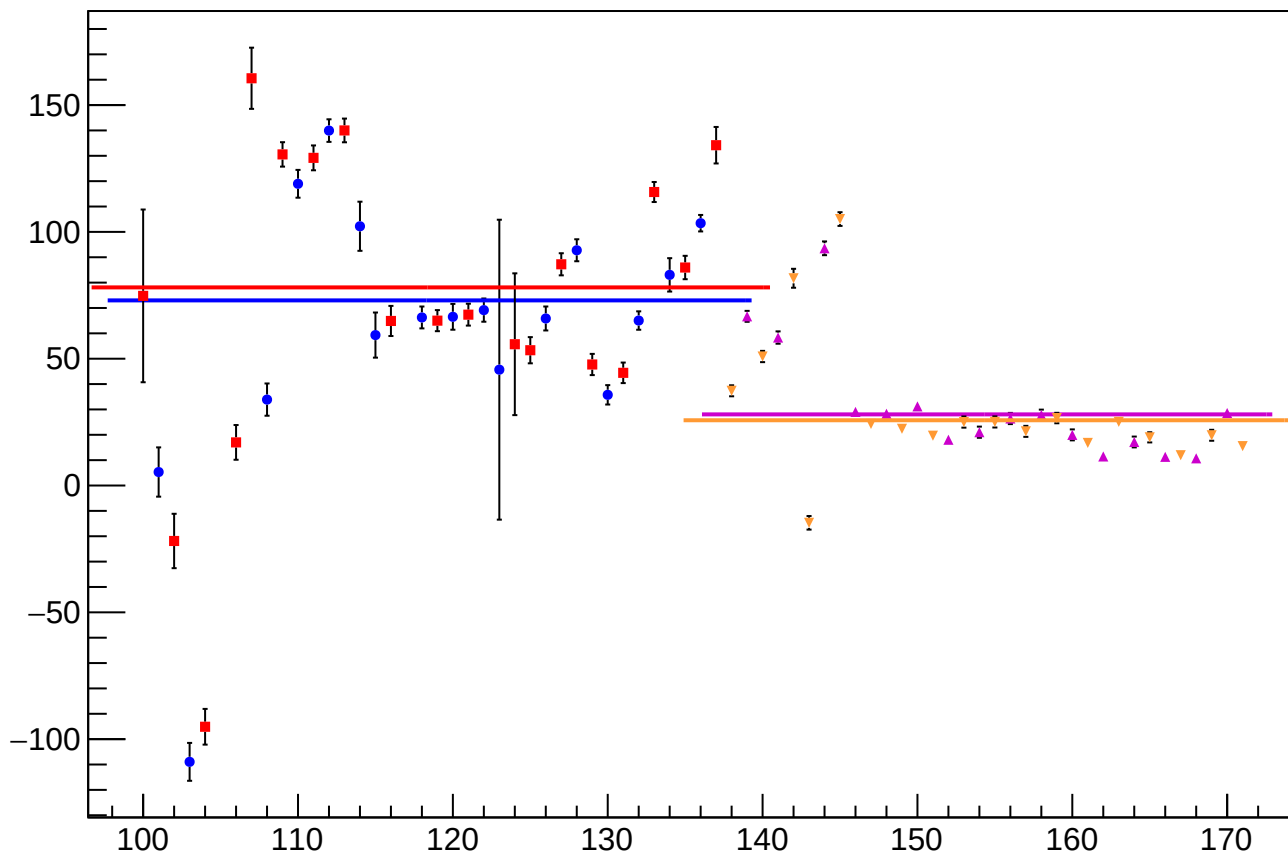
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 11.133 $\pm$ 0.324 χ^2 /NDF:1098.3/32

Out: 10.561 $\pm$ 0.311 χ^2 /NDF:894.1/36

All: 10.836 $\pm$ 0.225 χ^2 /NDF: 1994.0/69

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: 25.732 $\pm$ 0.496 χ^2 /NDF:1618.7/17

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 28.049 $\pm$ 0.508 χ^2 /NDF:1393.5/15

Left: 26.862 $\pm$ 0.355 χ^2 /NDF: 3022.8/33

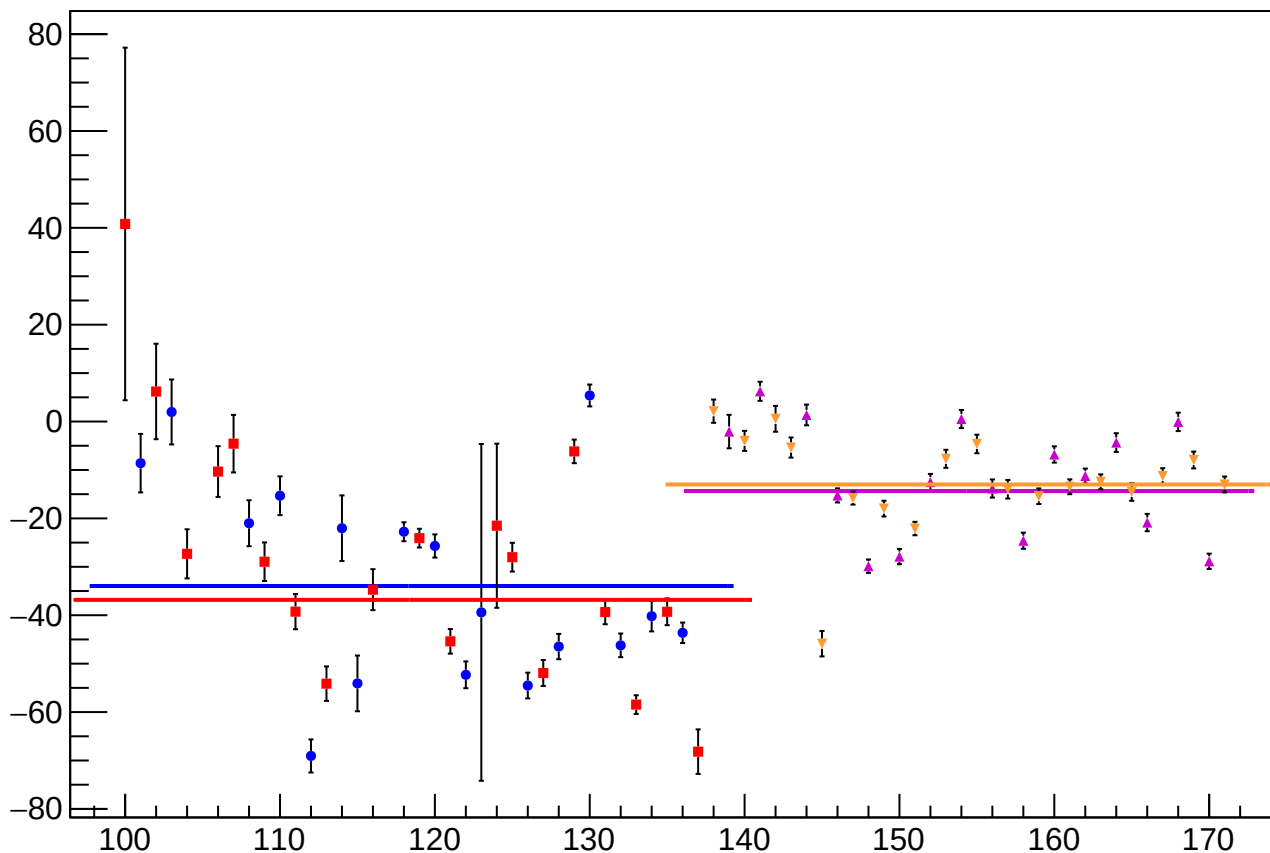
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 34.601 $\pm$ 0.470 χ^2 /NDF:3739.4/32

Out: 33.118 $\pm$ 0.459 χ^2 /NDF:4741.1/36

All: 33.843 $\pm$ 0.328 χ^2 /NDF: 8485.6/69

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.000 ± 0.414 χ^2/NDF : 351.2/17

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.350 ± 0.435 χ^2/NDF : 683.0/15

Left: -13.641 ± 0.300 χ^2/NDF : 1039.2/33

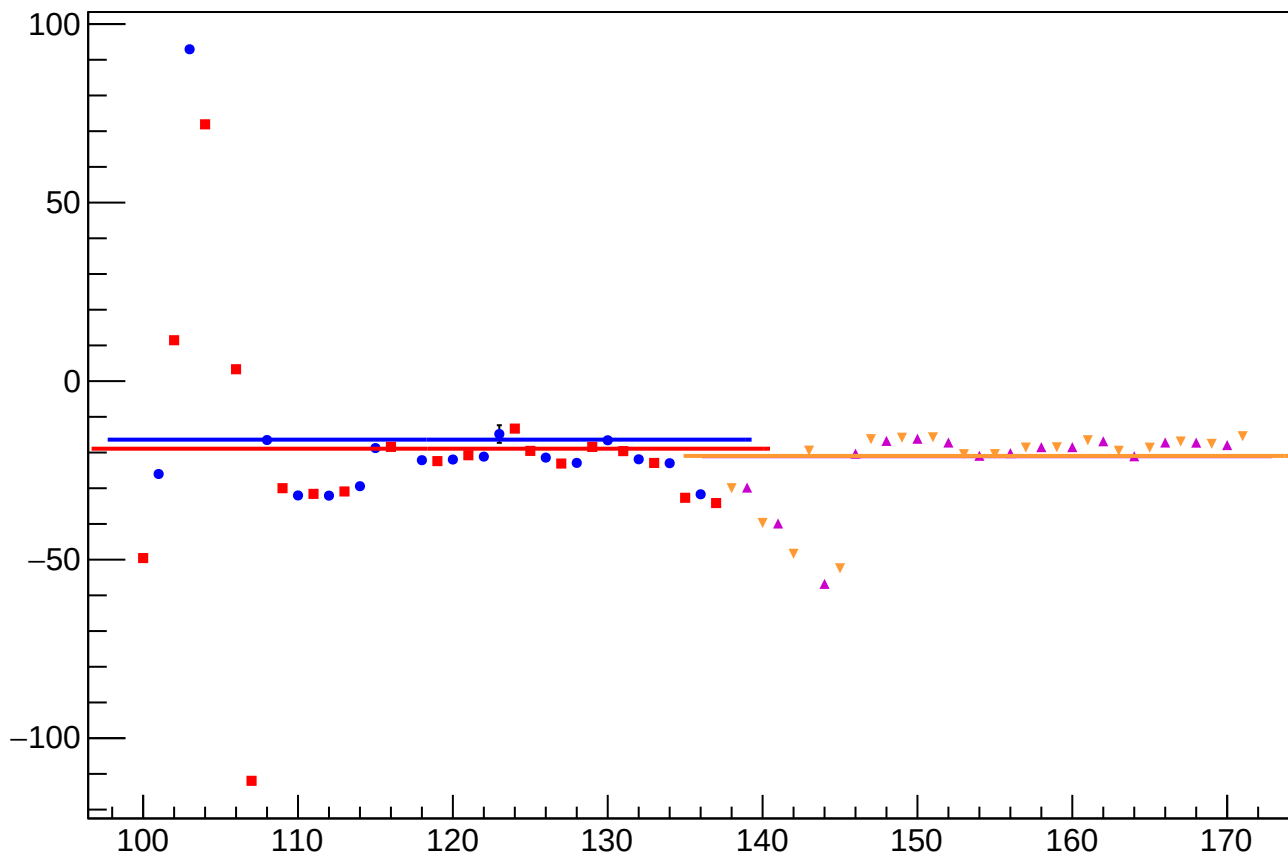
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.417 ± 0.375 χ^2/NDF : 1929.4/32

Out: -18.719 ± 0.361 χ^2/NDF : 1685.7/36

All: -19.055 ± 0.260 χ^2/NDF : 3616.9/69

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: -20.947 ± 0.019 $\chi^2/\text{NDF}: 198276.2/17$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -21.029 ± 0.020 $\chi^2/\text{NDF}: 162745.6/15$

Left: -20.987 ± 0.014 $\chi^2/\text{NDF}: 361030.6/33$

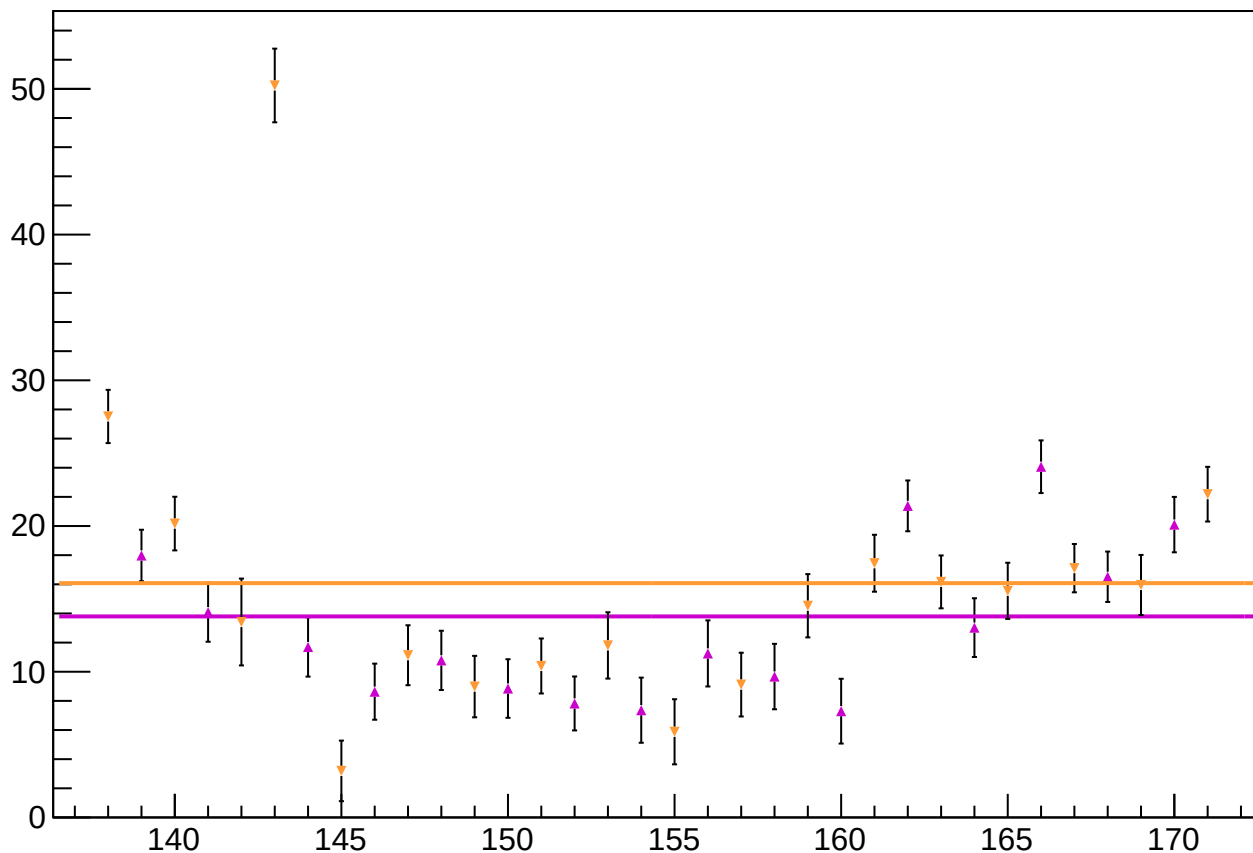
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.255 ± 0.018 $\chi^2/\text{NDF}: 646129.2/32$

Out: -20.636 ± 0.018 $\chi^2/\text{NDF}: 634111.3/36$

All: -20.450 ± 0.013 $\chi^2/\text{NDF}: 1280464.7/69$

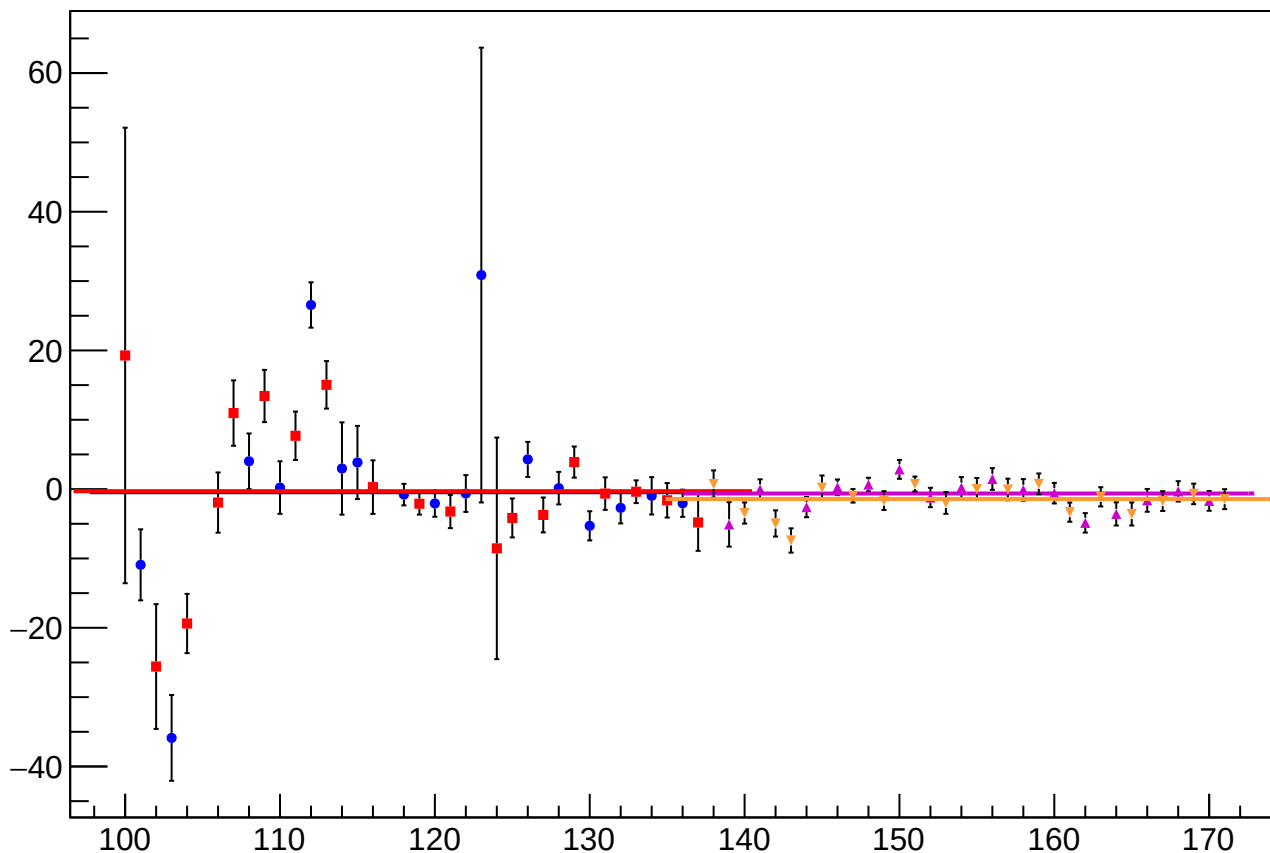
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 16.080 ± 0.478 $\chi^2/\text{NDF}: 338.6/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 13.797 ± 0.491 $\chi^2/\text{NDF}: 118.9/15$

Left: 14.969 ± 0.343 $\chi^2/\text{NDF}: 468.6/33$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 13.797 ± 0.491 $\chi^2/\text{NDF}: 118.9/15$
 Out: 16.080 ± 0.478 $\chi^2/\text{NDF}: 338.6/17$
 All: 14.969 ± 0.343 $\chi^2/\text{NDF}: 468.6/33$

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: -1.431 ± 0.342 χ^2/NDF : 31.1/17

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.632 ± 0.358 χ^2/NDF : 28.3/15

Left: -1.050 ± 0.247 χ^2/NDF : 62.0/33

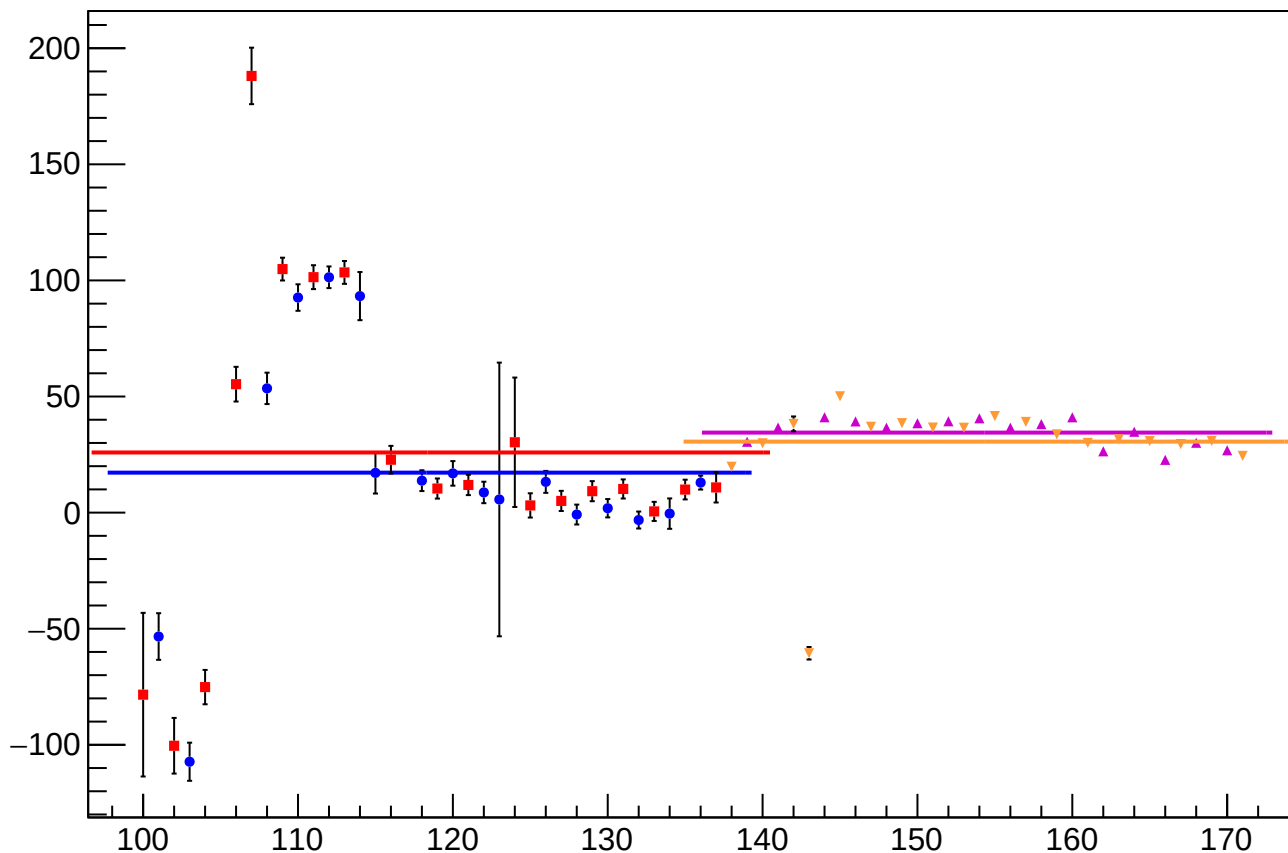
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.590 ± 0.314 χ^2/NDF : 147.9/32

Out: -1.190 ± 0.303 χ^2/NDF : 117.9/36

All: -0.901 ± 0.218 χ^2/NDF : 267.7/69

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: 30.576+/-0.472 χ^2 /NDF:1364.6/17

Right Out: 25.902+/-1.243 χ^2 /NDF: 1374.8/18

Left In: 34.463+/-0.482 χ^2 /NDF:143.9/15

Left: 32.479+/-0.337 χ^2 /NDF: 1541.6/33

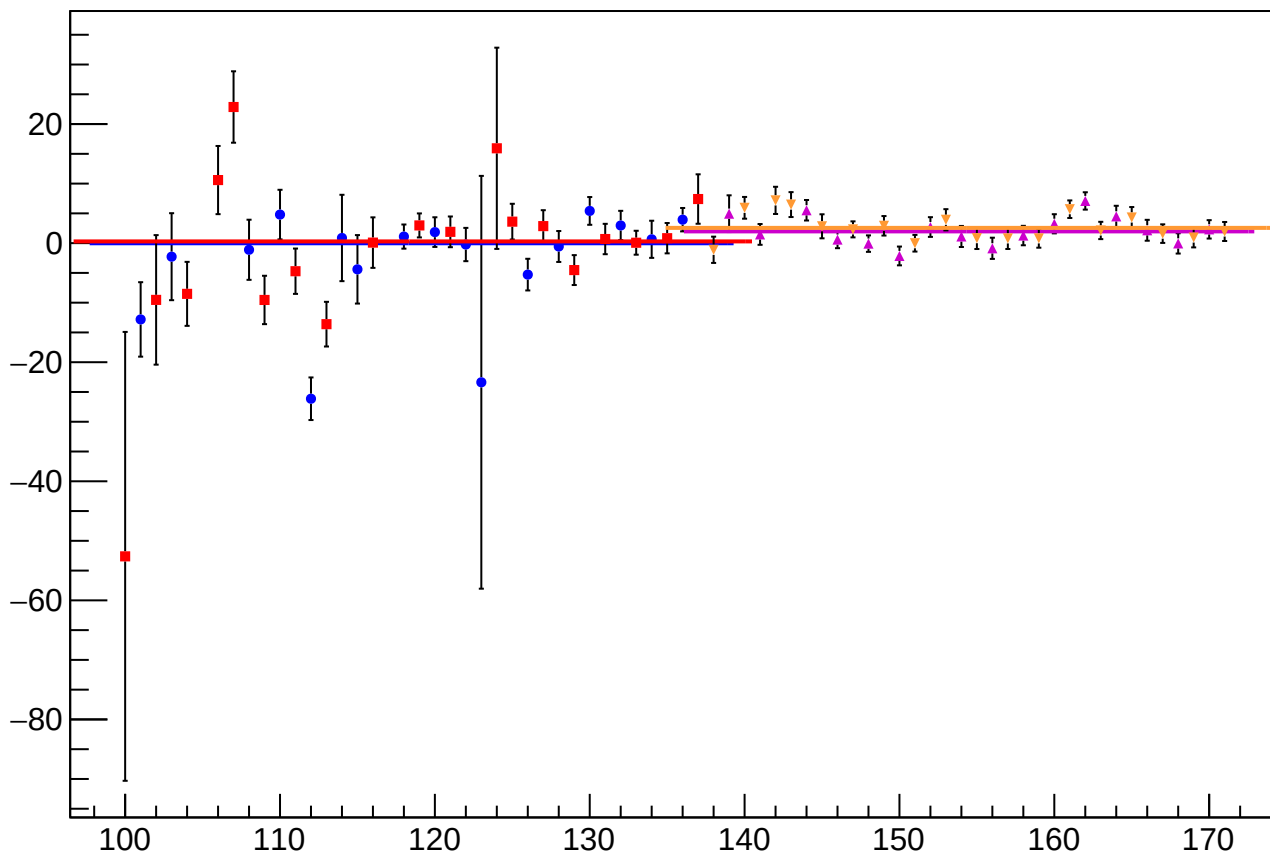
Right: 21.552+/-0.878 χ^2 /NDF: 2339.3/35

In: 32.203+/-0.449 χ^2 /NDF:1251.8/32

Out: 29.987+/-0.441 χ^2 /NDF:2751.7/36

All: 31.076+/-0.315 χ^2 /NDF: 4015.9/69

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: 2.563 ± 0.396 χ^2/NDF : 28.1/17

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.972 ± 0.415 χ^2/NDF : 34.8/15

Left: 2.281 ± 0.287 χ^2/NDF : 63.9/33

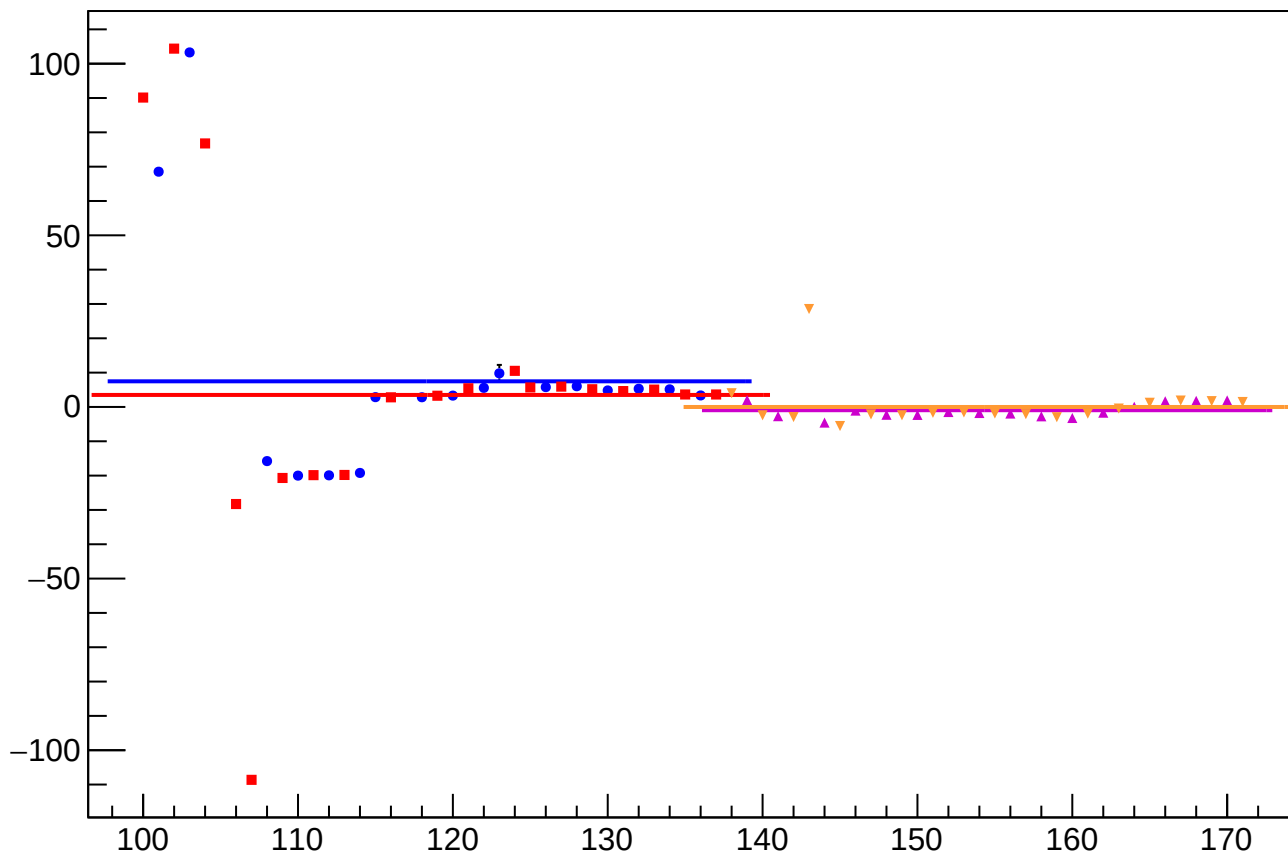
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.500 ± 0.362 χ^2/NDF : 116.1/32

Out: 2.066 ± 0.350 χ^2/NDF : 91.3/36

All: 1.793 ± 0.252 χ^2/NDF : 208.7/69

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: -0.009+/-0.018 χ^2/NDF : 86142.1/17

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -0.948+/-0.019 χ^2/NDF : 10854.5/15

Left: -0.466+/-0.013 χ^2/NDF : 98272.4/33

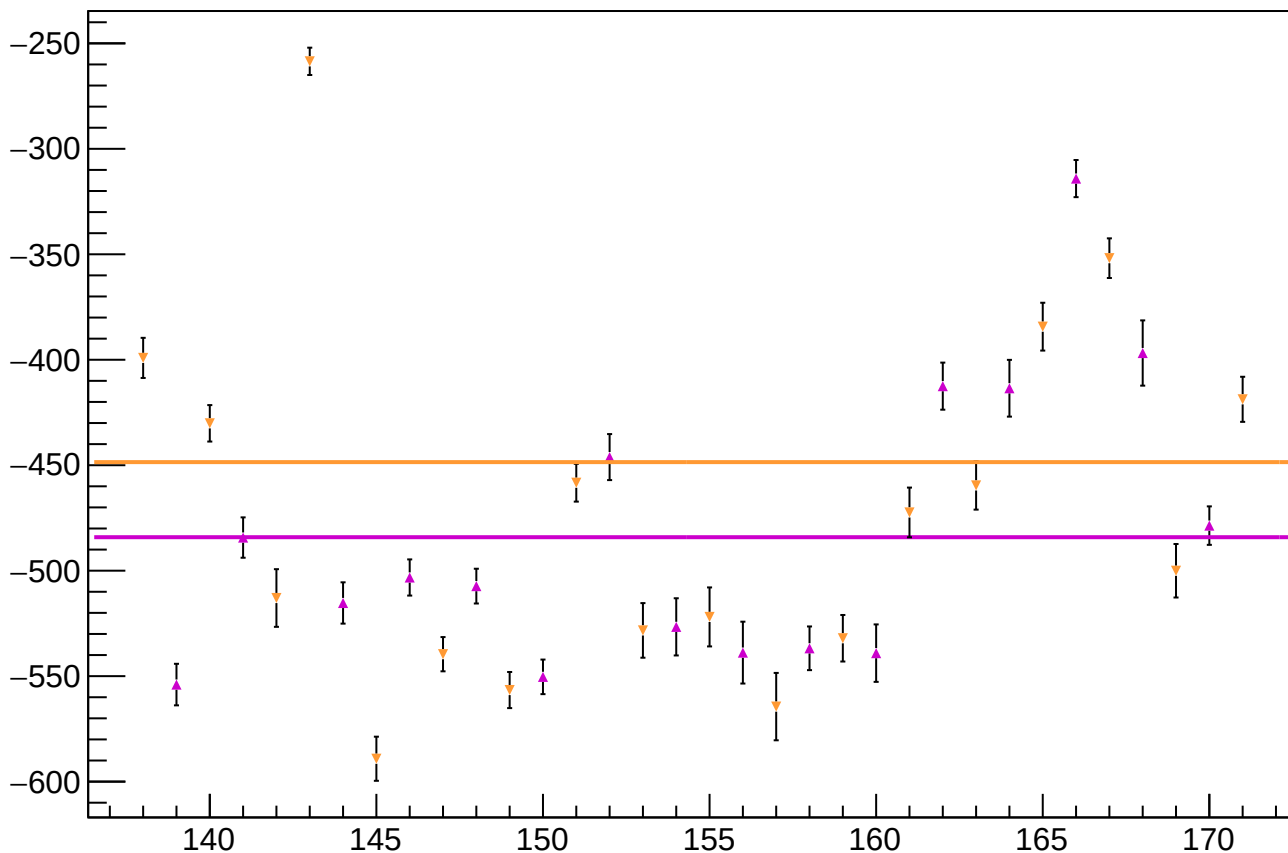
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.331+/-0.017 χ^2/NDF : 397108.2/32

Out: 0.481+/-0.017 χ^2/NDF : 601823.3/36

All: 0.407+/-0.012 χ^2/NDF : 998969.2/69

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: -448.530+/-2.383 χ^2/NDF :1724.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -484.127+/-2.576 χ^2/NDF :690.5/15

Left: -464.946+/-1.749 χ^2/NDF : 2517.5/33

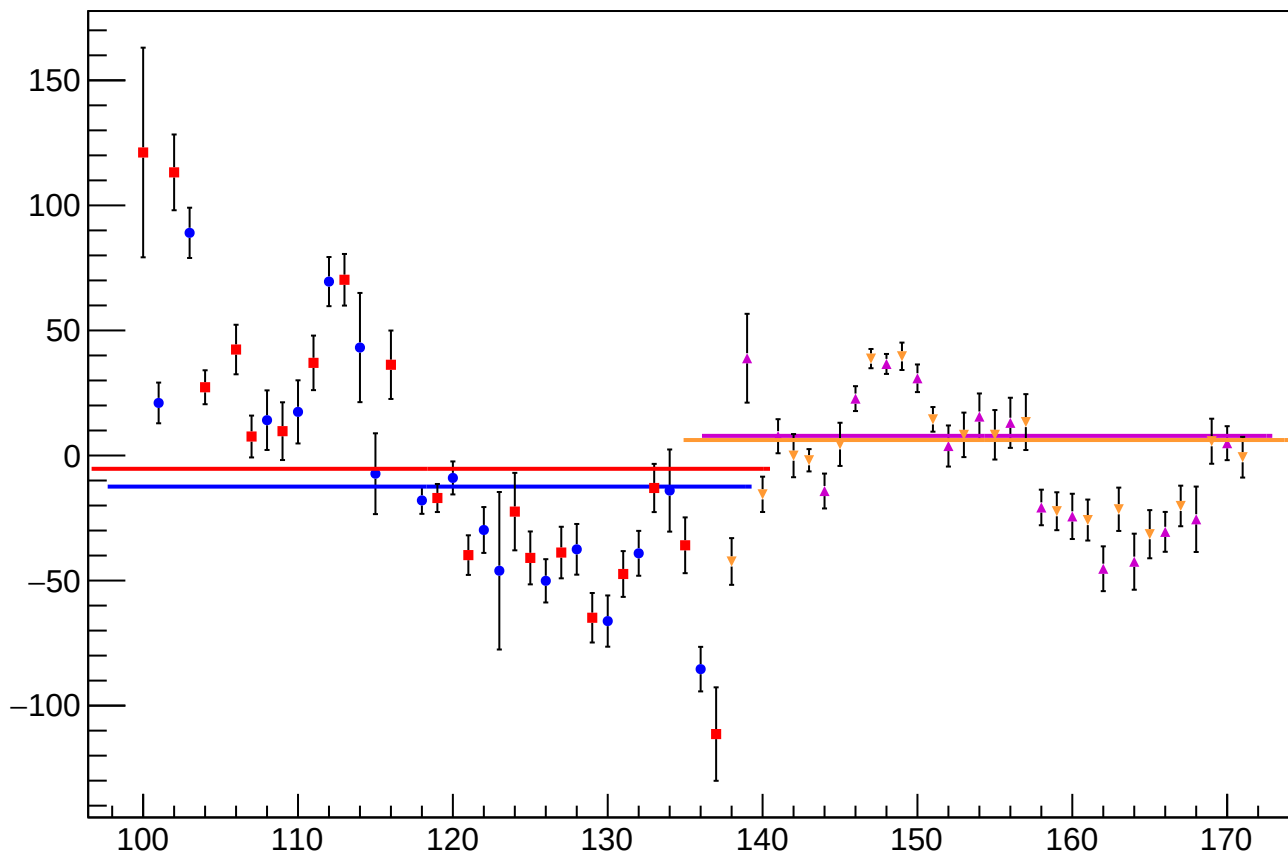
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -484.127+/-2.576 χ^2/NDF :690.5/15

Out: -448.530+/-2.383 χ^2/NDF :1724.1/17

All: -464.946+/-1.749 χ^2/NDF : 2517.5/33

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: 6.186 ± 1.621 χ^2/NDF : 218.8/17

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 7.858 ± 1.786 χ^2/NDF : 206.6/15

Left: 6.941 ± 1.200 χ^2/NDF : 425.9/33

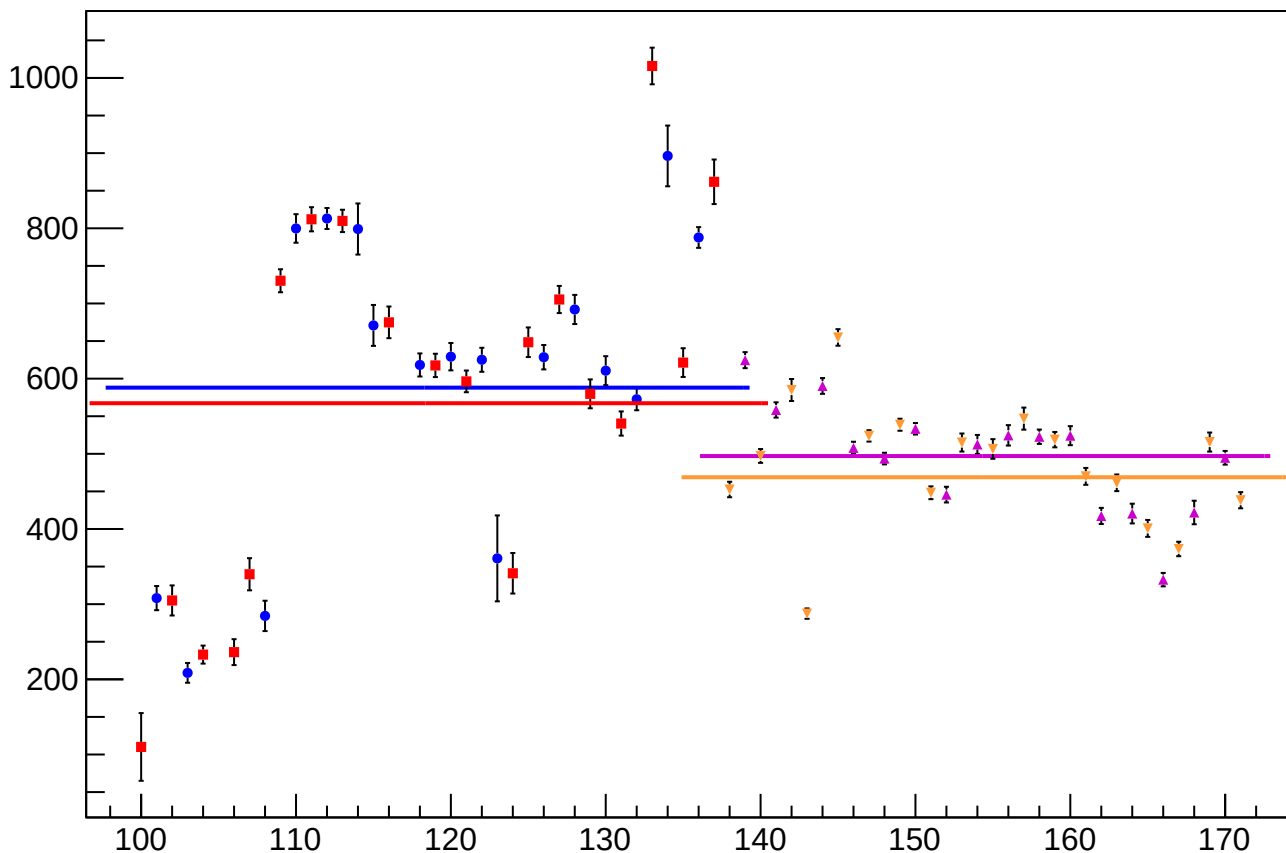
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 0.287 ± 1.414 χ^2/NDF : 595.0/32

Out: 2.279 ± 1.317 χ^2/NDF : 578.7/36

All: 1.354 ± 0.964 χ^2/NDF : 1174.8/69

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: 468.870 $\pm$ 2.367 χ^2/NDF : 1416.2/17

Right Out: 567.313 $\pm$ 4.133 χ^2/NDF : 2784.3/18

Left In: 497.028 $\pm$ 2.521 χ^2/NDF : 772.7/15

Left: 482.062 $\pm$ 1.726 χ^2/NDF : 2255.2/33

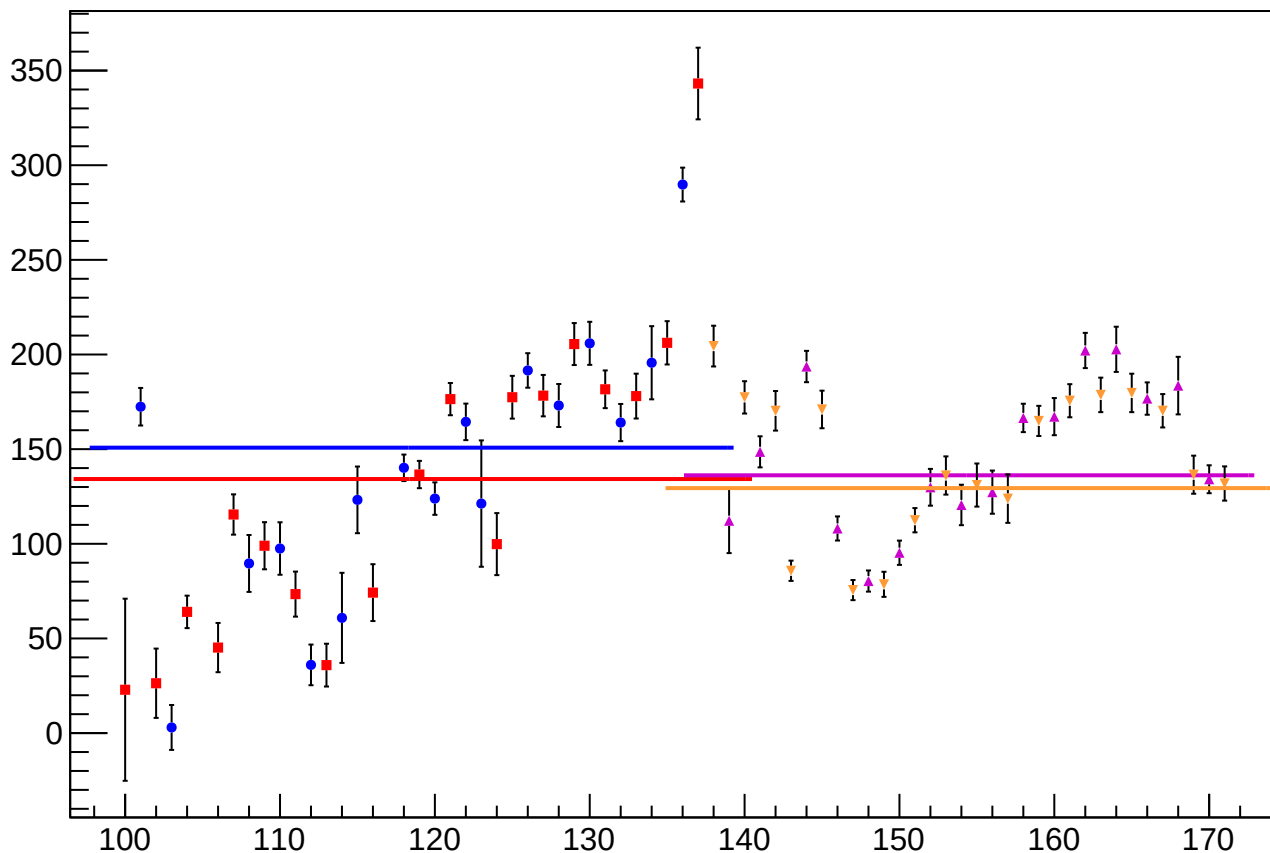
Right: 577.194 $\pm$ 2.989 χ^2/NDF : 4924.0/35

In: 520.080 $\pm$ 2.179 χ^2/NDF : 3230.4/32

Out: 493.183 $\pm$ 2.054 χ^2/NDF : 4627.7/36

All: 505.841 $\pm$ 1.495 χ^2/NDF : 7938.8/69

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: 129.425 $\pm$ 1.930 χ^2 /NDF:472.7/17

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 136.186 $\pm$ 2.112 χ^2 /NDF:355.8/15

Left: 132.501 $\pm$ 1.425 χ^2 /NDF: 834.1/33

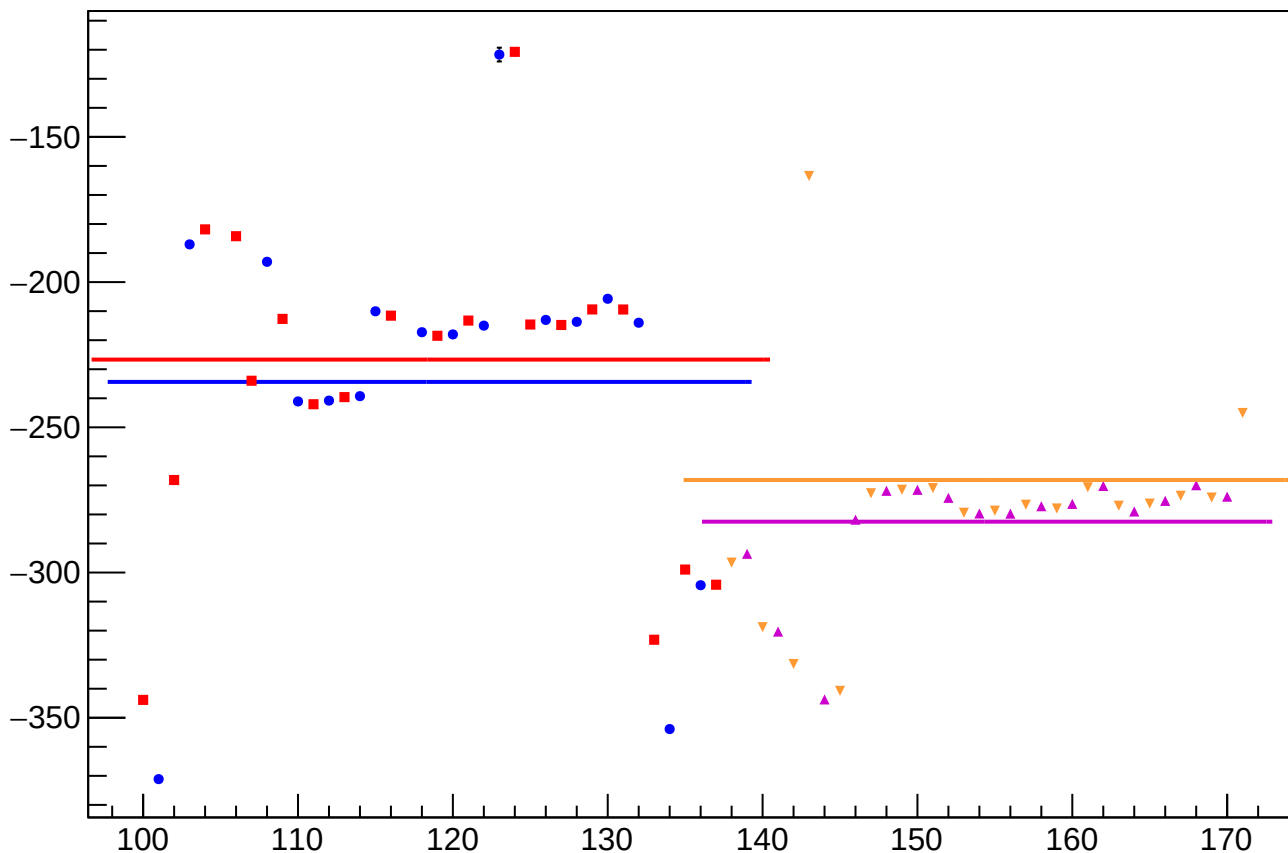
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 141.782 $\pm$ 1.659 χ^2 /NDF:1007.2/32

Out: 131.115 $\pm$ 1.553 χ^2 /NDF:1056.5/36

All: 136.097 $\pm$ 1.134 χ^2 /NDF: 2085.8/69

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -268.132+/-0.095 χ^2/NDF : 209083.5/17

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -282.492+/-0.100 χ^2/NDF : 32508.6/15

Left: -274.877+/-0.069 χ^2/NDF : 252419.2/33

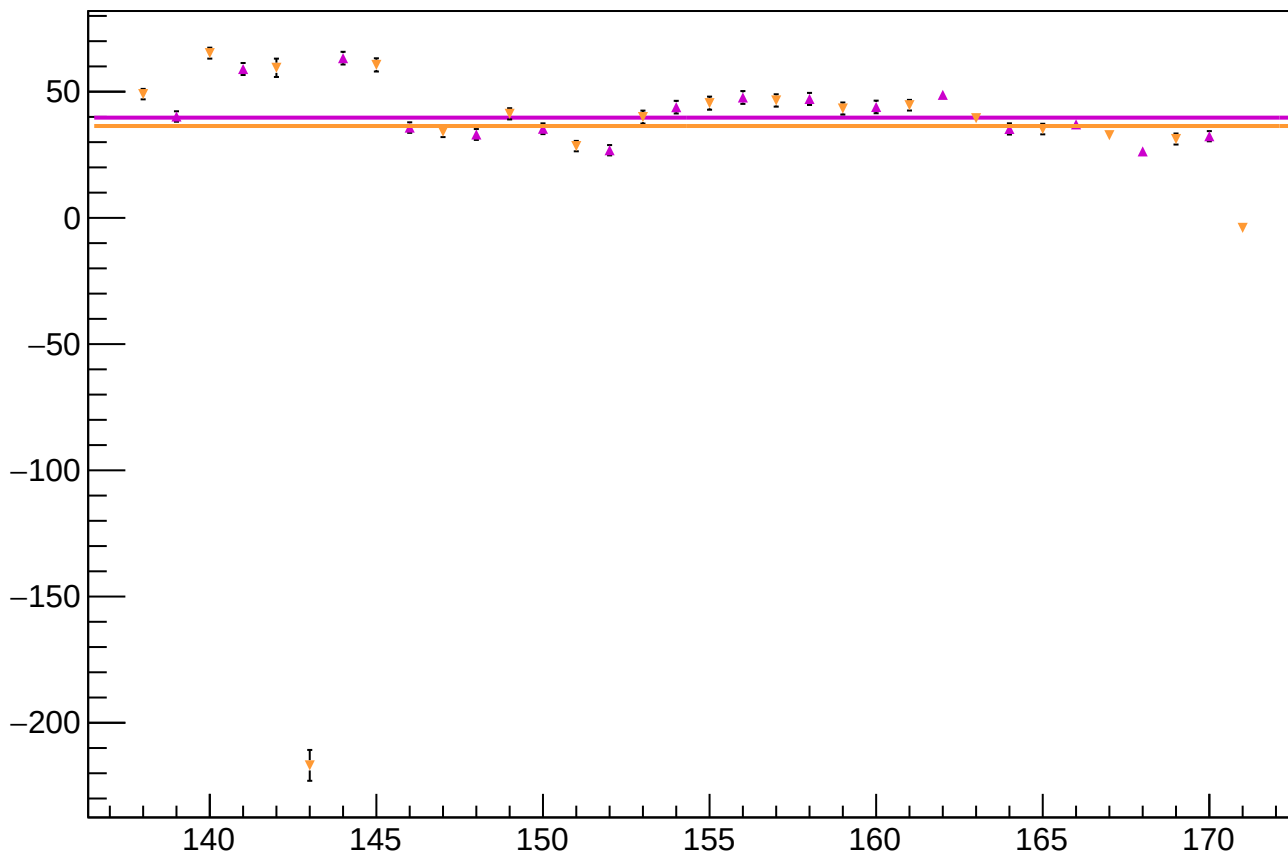
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -267.370+/-0.083 χ^2/NDF : 249738.1/32

Out: -255.299+/-0.079 χ^2/NDF : 368049.0/36

All: -260.989+/-0.057 χ^2/NDF : 628908.3/69

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 36.396 $\pm$ 0.535 χ^2 /NDF:2593.9/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 39.711 $\pm$ 0.543 χ^2 /NDF:327.3/15

Left: 38.028 $\pm$ 0.381 χ^2 /NDF: 2940.1/33

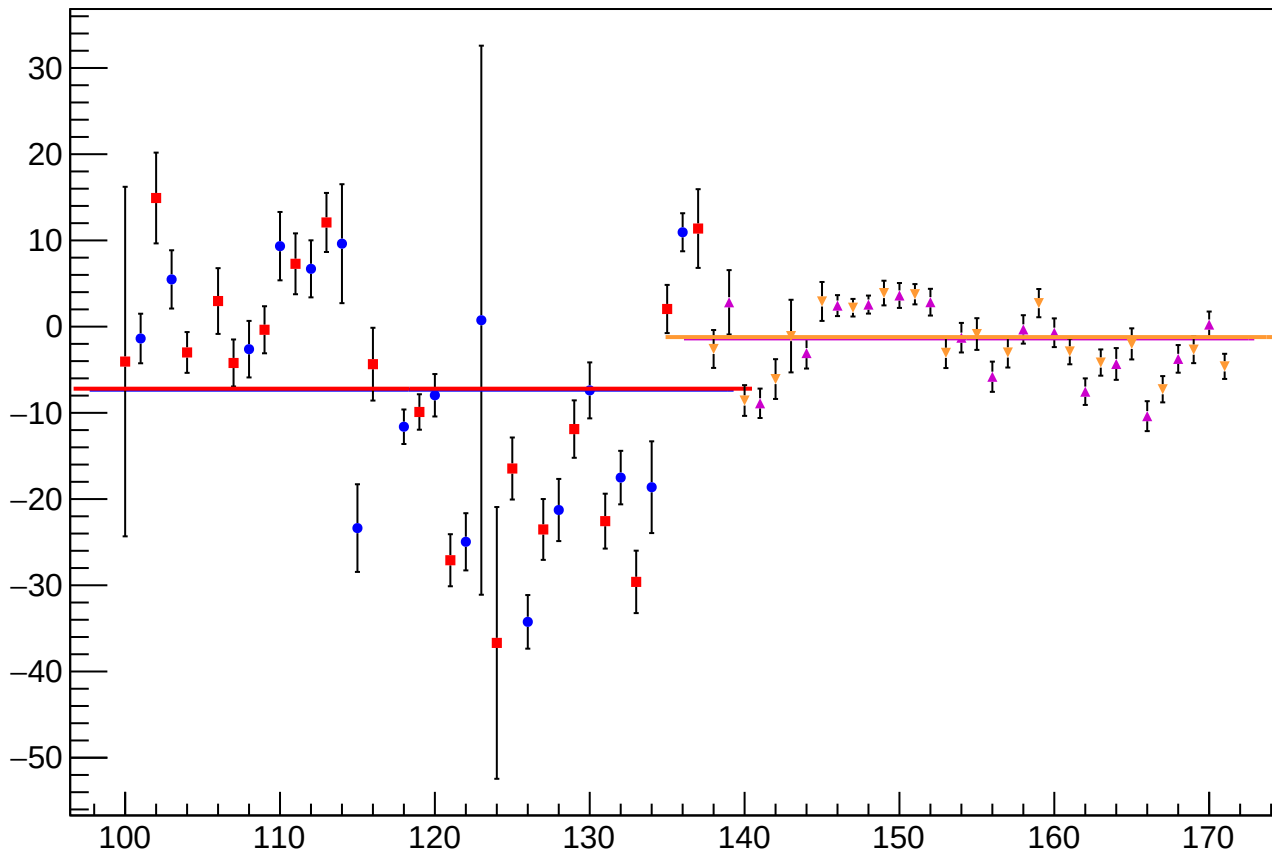
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 39.711 $\pm$ 0.543 χ^2 /NDF:327.3/15

Out: 36.396 $\pm$ 0.535 χ^2 /NDF:2593.9/17

All: 38.028 $\pm$ 0.381 χ^2 /NDF: 2940.1/33

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: -1.213 ± 0.379 χ^2/NDF : 102.2/17

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.366 ± 0.393 χ^2/NDF : 120.7/15

Left: -1.287 ± 0.273 χ^2/NDF : 223.0/33

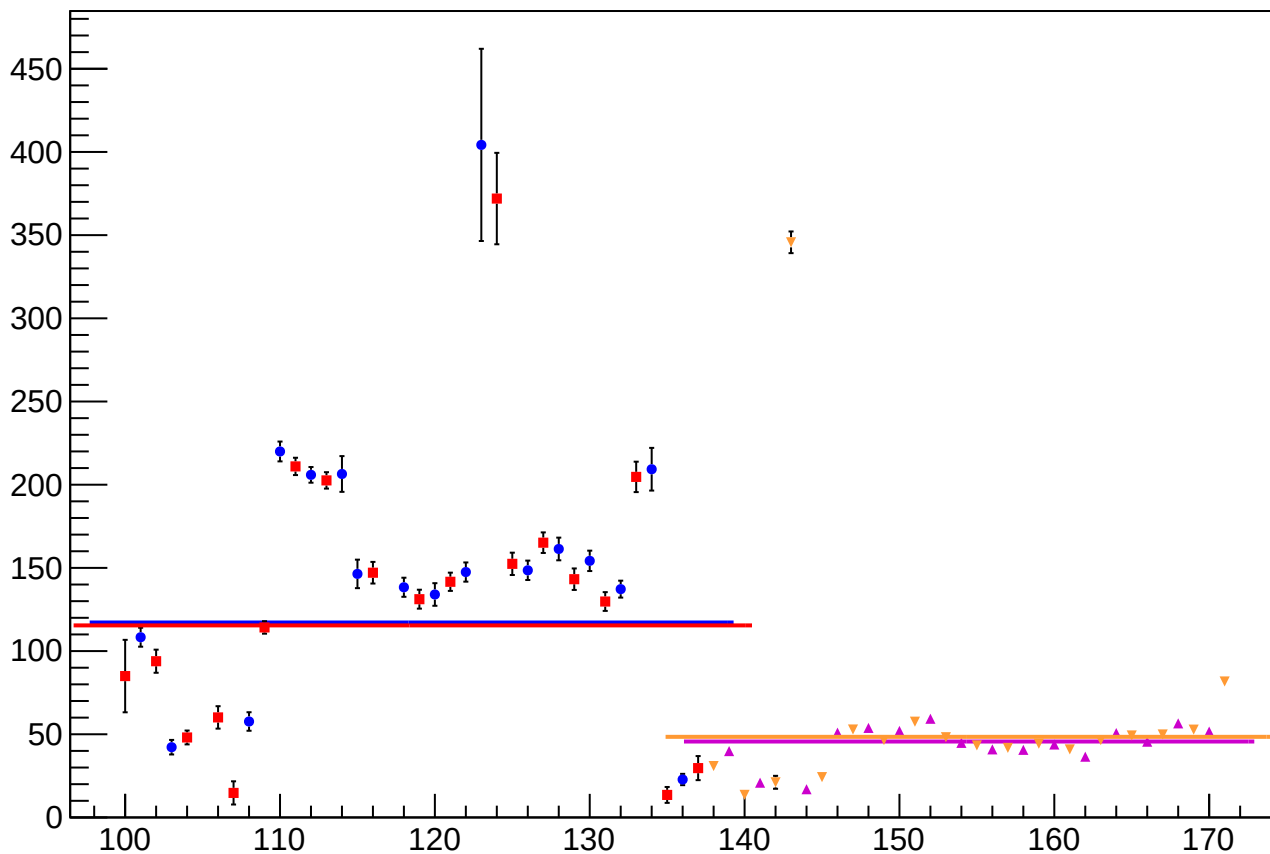
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.569 ± 0.351 χ^2/NDF : 446.1/32

Out: -2.403 ± 0.339 χ^2/NDF : 403.8/36

All: -2.483 ± 0.244 χ^2/NDF : 850.1/69

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 ± 1.411 χ^2/NDF : 2159.6/16

Left Out: 48.458 ± 0.525 χ^2/NDF : 2861.4/17

Right Out: 115.437 ± 1.361 χ^2/NDF : 2151.2/18

Left In: 45.641 ± 0.531 χ^2/NDF : 379.5/15

Left: 47.066 ± 0.373 χ^2/NDF : 3255.1/33

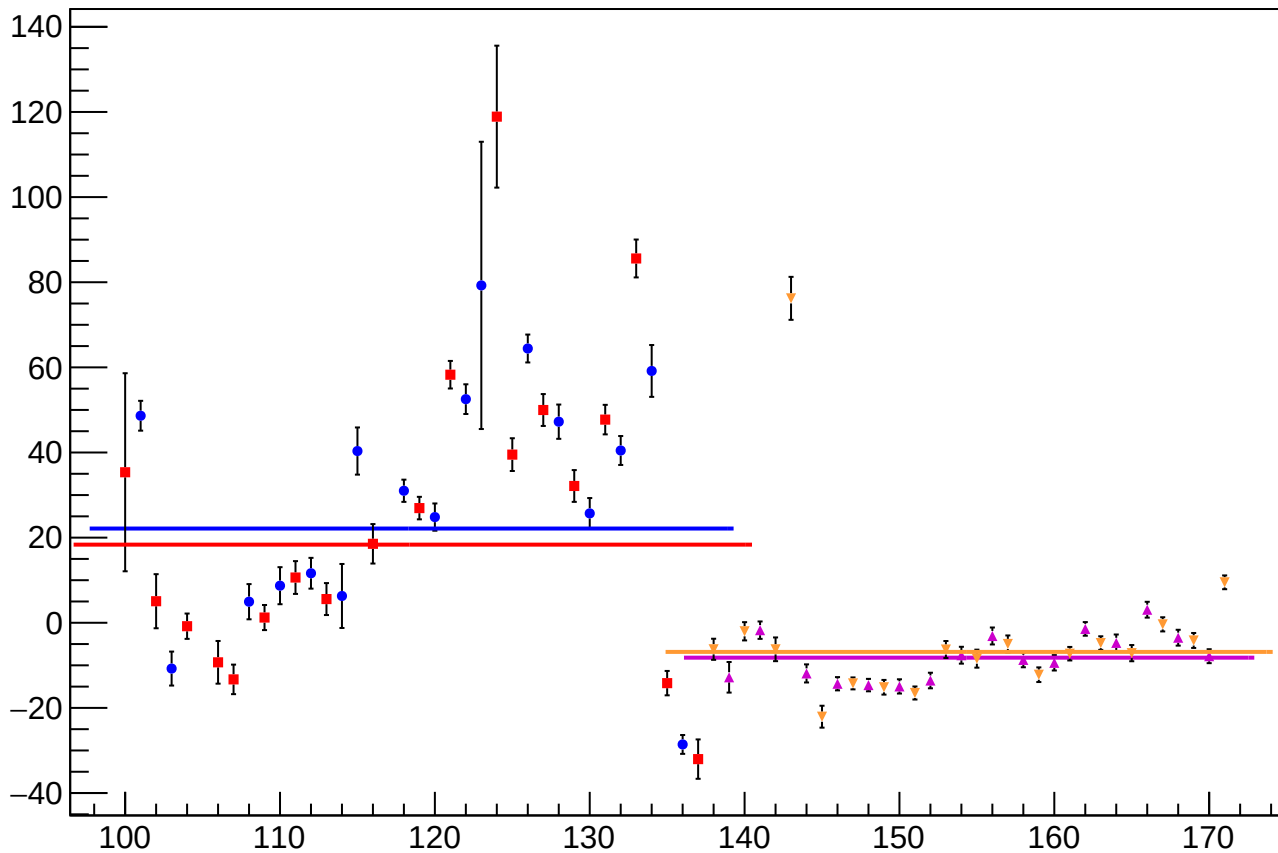
Right: 116.275 ± 0.980 χ^2/NDF : 4311.6/35

In: 54.514 ± 0.497 χ^2/NDF : 4789.4/32

Out: 57.139 ± 0.490 χ^2/NDF : 7122.1/36

All: 55.846 ± 0.349 χ^2/NDF : 11925.7/69

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -6.844 ± 0.440 $\chi^2/\text{NDF}: 534.1/17$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -8.202 ± 0.456 $\chi^2/\text{NDF}: 145.6/15$

Left: -7.500 ± 0.317 $\chi^2/\text{NDF}: 684.3/33$

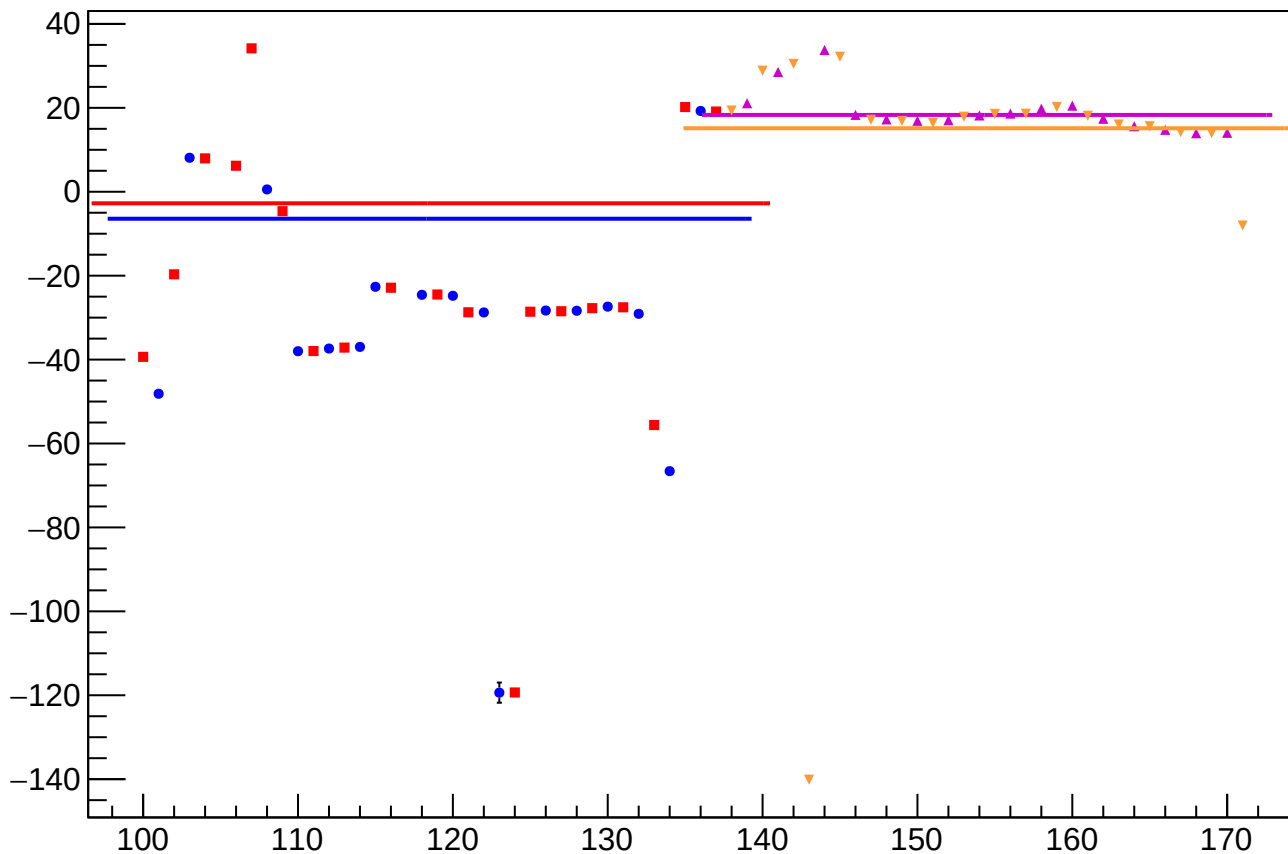
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -1.915 ± 0.406 $\chi^2/\text{NDF}: 2128.5/32$

Out: -1.721 ± 0.393 $\chi^2/\text{NDF}: 2271.2/36$

All: -1.815 ± 0.282 $\chi^2/\text{NDF}: 4399.9/69$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 15.134+/-0.020 χ^2/NDF : 535665.3/17

Right Out: -2.752+/-0.046 χ^2/NDF : 266290.0/18

Left In: 18.314+/-0.021 χ^2/NDF : 40082.7/15

Left: 16.694+/-0.015 χ^2/NDF : 587660.8/33

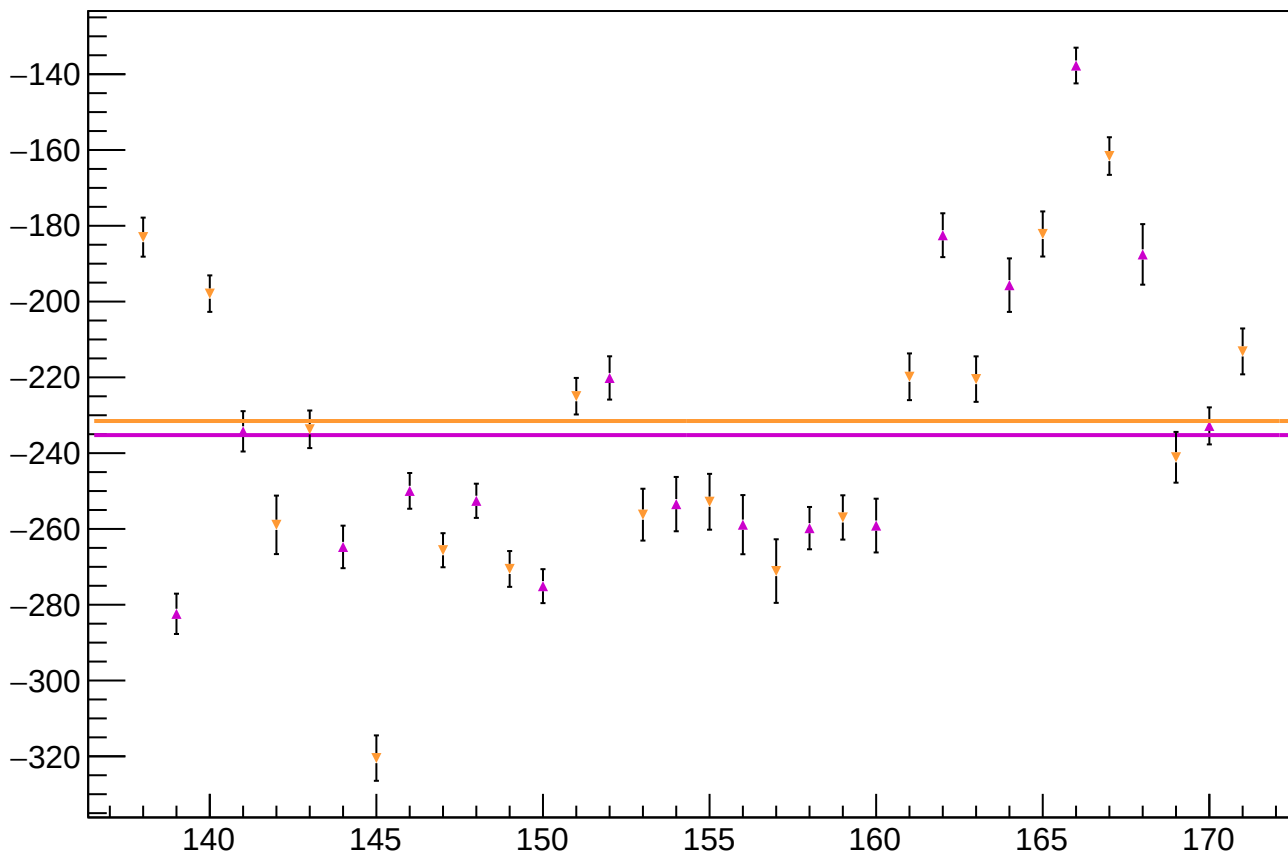
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 14.149+/-0.019 χ^2/NDF : 543636.6/32

Out: 12.157+/-0.019 χ^2/NDF : 929751.3/36

All: 13.136+/-0.013 χ^2/NDF : 1479001.9/69

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: -231.520+/-1.337 χ^2/NDF :846.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -235.237+/-1.391 χ^2/NDF :841.5/15

Left: -233.306+/-0.964 χ^2/NDF : 1691.6/33

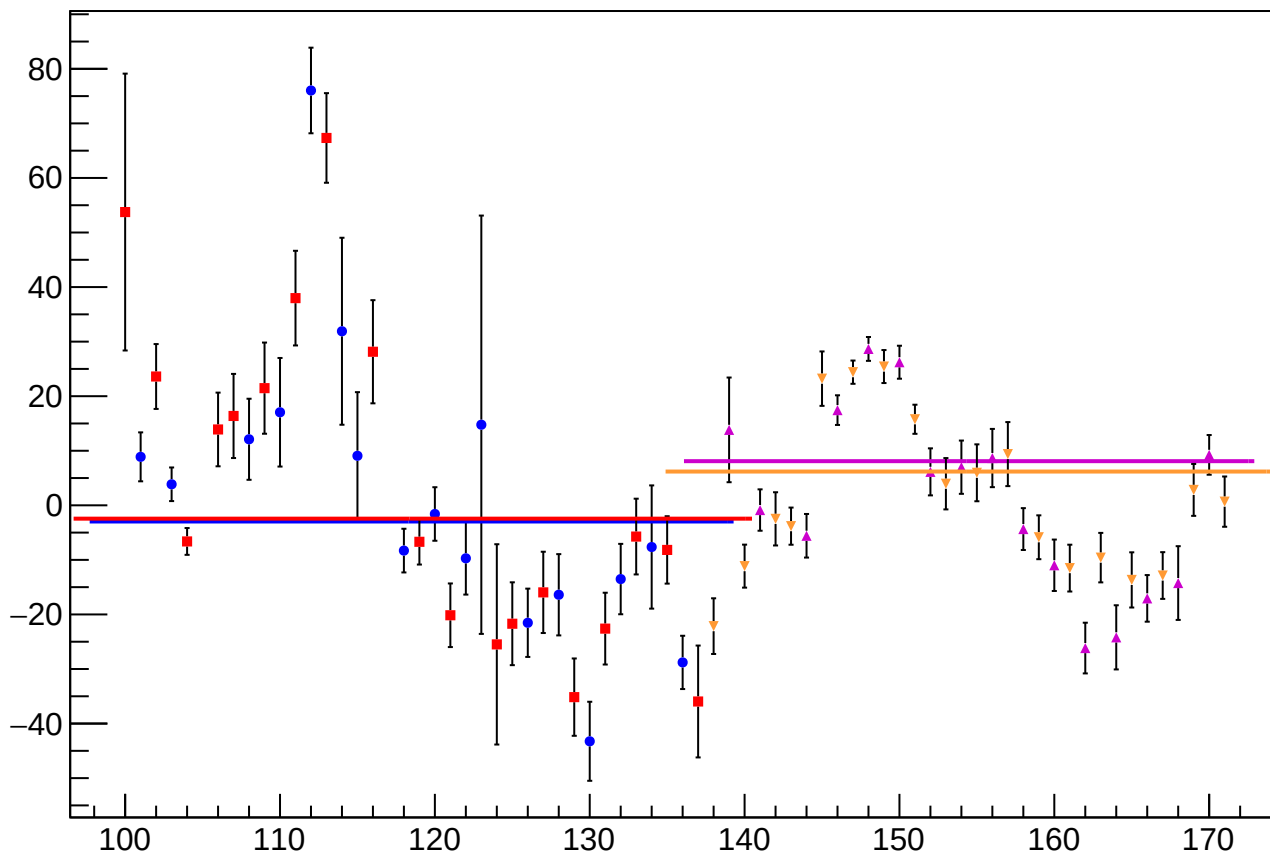
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -235.237+/-1.391 χ^2/NDF :841.5/15

Out: -231.520+/-1.337 χ^2/NDF :846.3/17

All: -233.306+/-0.964 χ^2/NDF : 1691.6/33

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: 6.190 ± 0.912 $\chi^2/\text{NDF}: 275.9/17$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 8.091 ± 0.967 $\chi^2/\text{NDF}: 311.4/15$

Left: 7.085 ± 0.664 $\chi^2/\text{NDF}: 589.4/33$

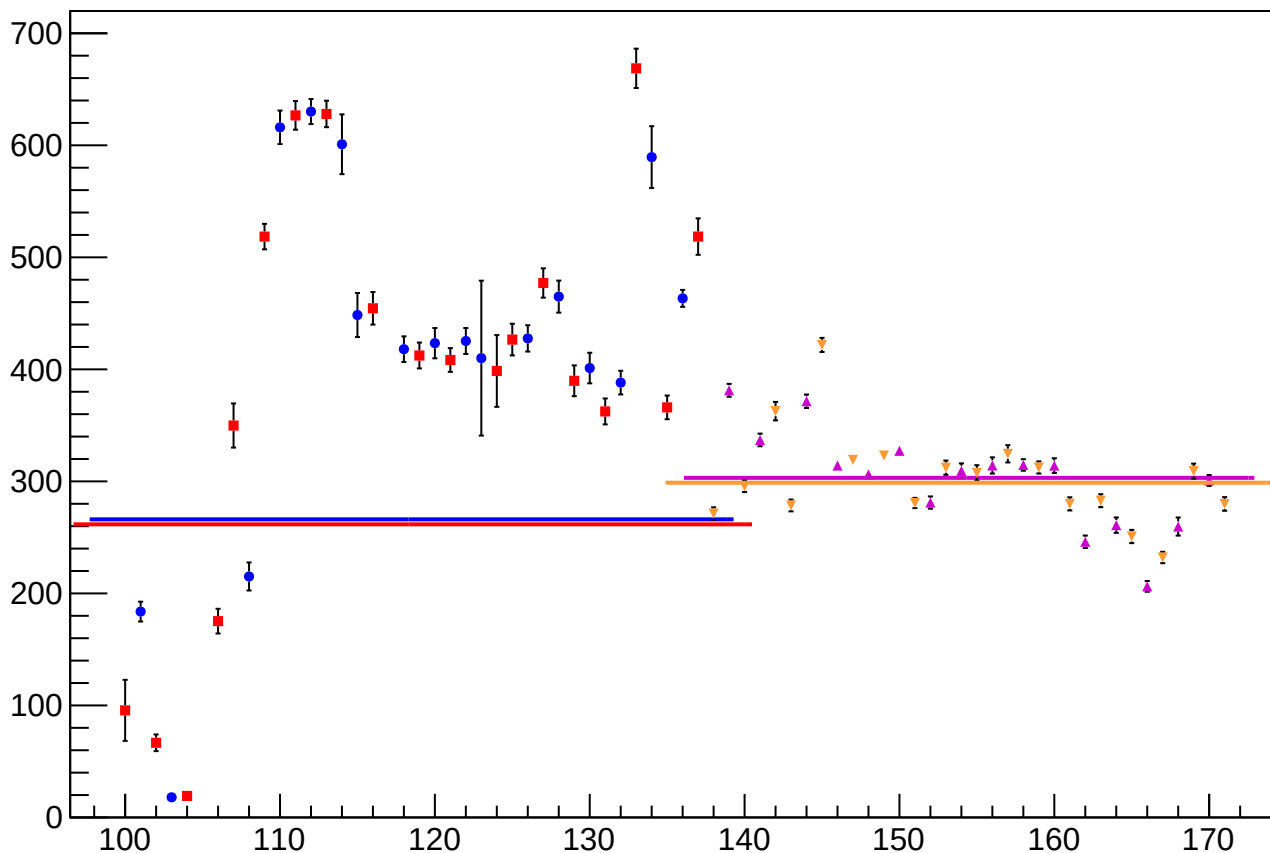
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 4.694 ± 0.805 $\chi^2/\text{NDF}: 555.1/32$

Out: 3.610 ± 0.764 $\chi^2/\text{NDF}: 518.1/36$

All: 4.123 ± 0.554 $\chi^2/\text{NDF}: 1074.1/69$

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: 298.832 $\pm$ 1.321 χ^2 /NDF:842.5/17

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 303.164 $\pm$ 1.360 χ^2 /NDF:995.4/15

Left: 300.935 $\pm$ 0.948 χ^2 /NDF: 1843.2/33

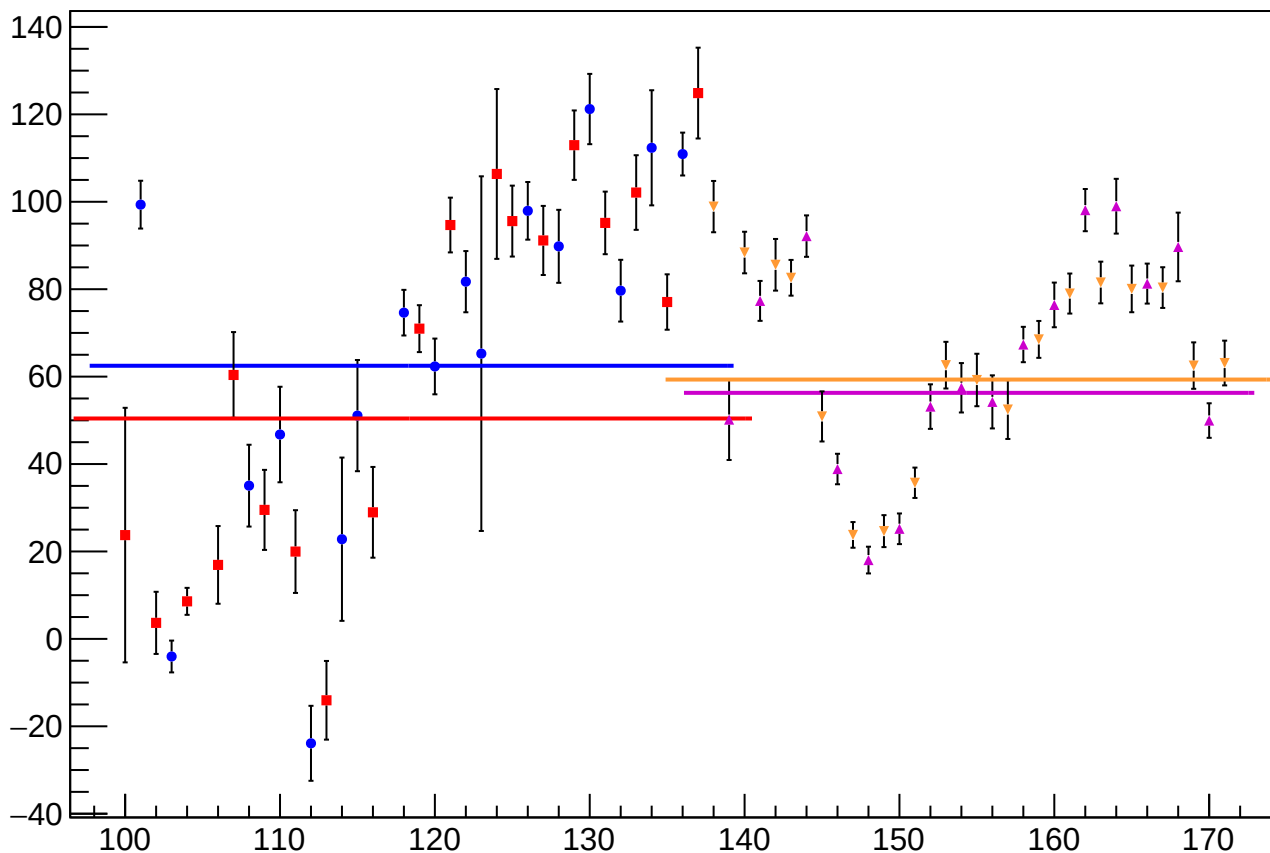
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 294.598 $\pm$ 1.193 χ^2 /NDF:8811.0/32

Out: 290.493 $\pm$ 1.163 χ^2 /NDF:9229.8/36

All: 292.494 $\pm$ 0.833 χ^2 /NDF: 18046.9/69

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: 59.331+/-1.082 χ^2/NDF : 502.4/17

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 56.288+/-1.142 χ^2/NDF : 534.2/15

Left: 57.890+/-0.786 χ^2/NDF : 1040.4/33

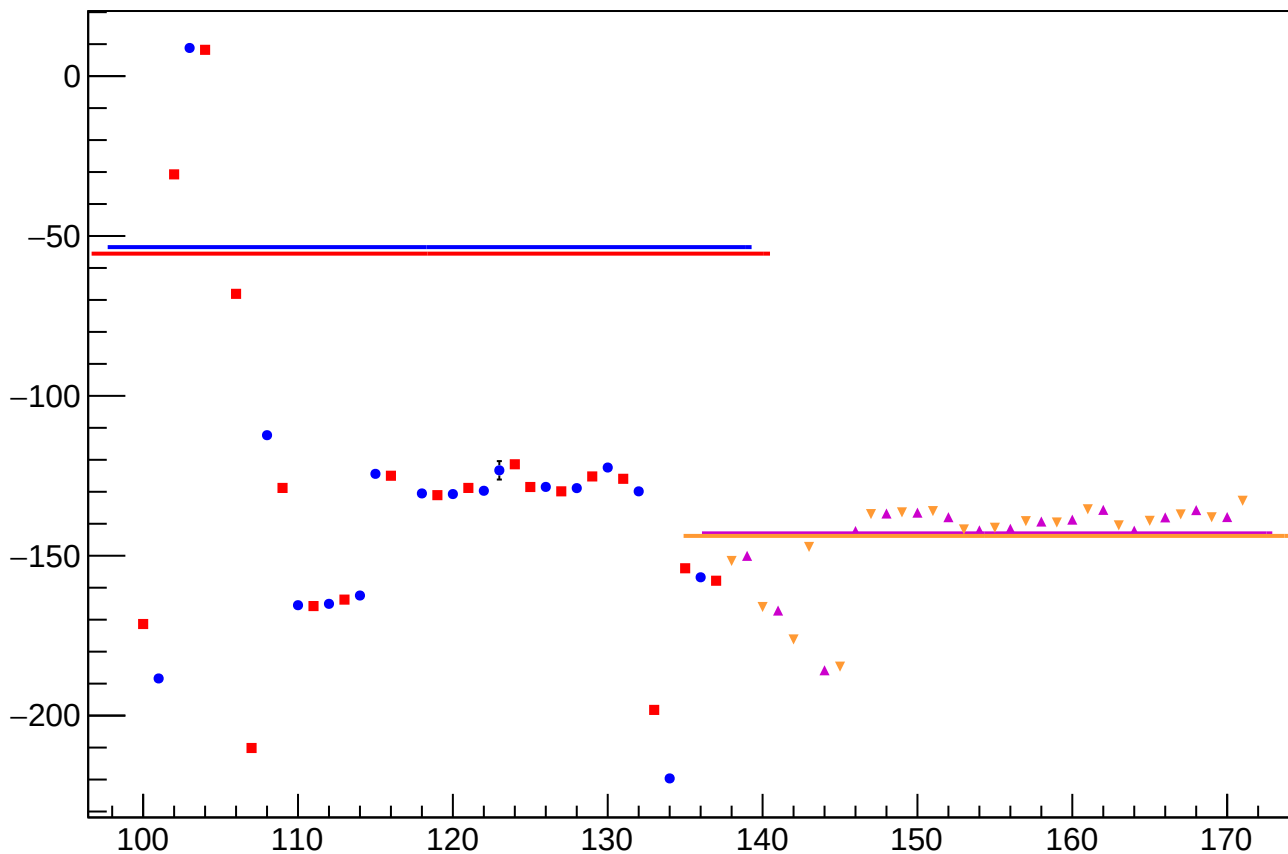
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 58.244+/-0.944 χ^2/NDF : 1264.3/32

Out: 56.631+/-0.904 χ^2/NDF : 1174.4/36

All: 57.402+/-0.653 χ^2/NDF : 2440.2/69

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -143.800 $\pm$ 0.053 χ^2 /NDF: 59295.3/17

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -143.007 $\pm$ 0.054 χ^2 /NDF: 45707.8/15

Left: -143.414 $\pm$ 0.038 χ^2 /NDF: 105113.5/33

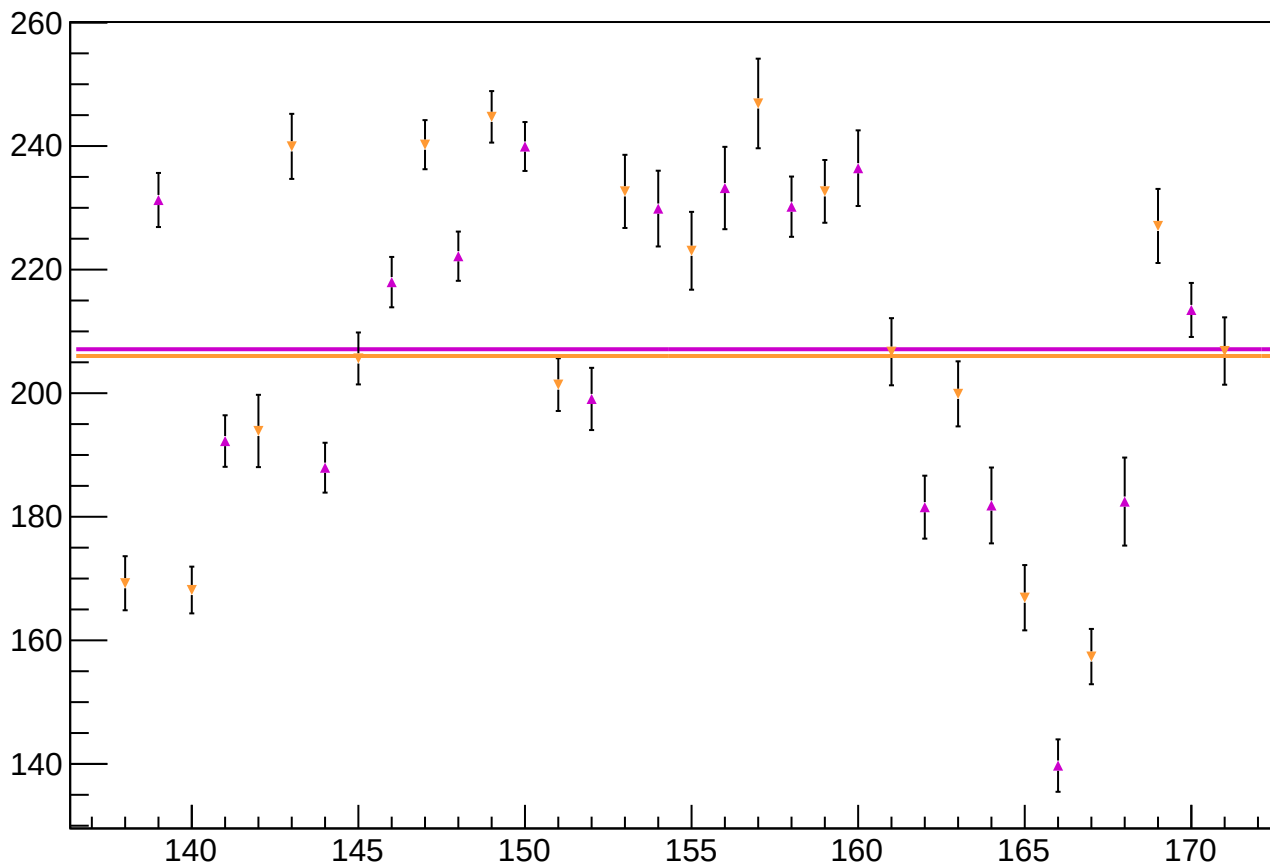
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -109.726 $\pm$ 0.043 χ^2 /NDF: 2293048.3/32

Out: -112.995 $\pm$ 0.042 χ^2 /NDF: 2010712.3/36

All: -111.376 $\pm$ 0.030 χ^2 /NDF: 4306694.5/69

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: 206.019+/-1.156 χ^2/NDF : 651.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.114+/-1.189 χ^2/NDF : 541.2/15

Left: 206.551+/-0.829 χ^2/NDF : 1193.3/33

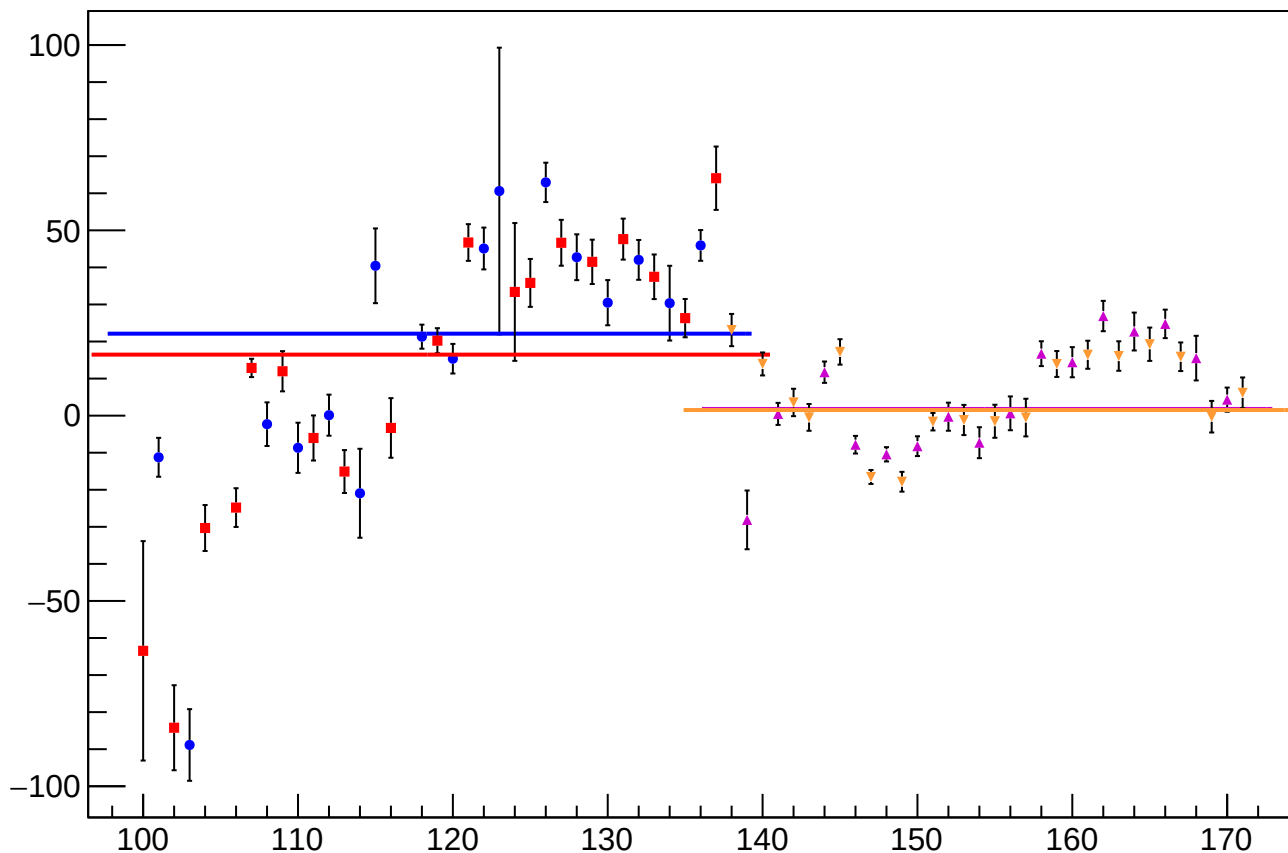
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.114+/-1.189 χ^2/NDF : 541.2/15

Out: 206.019+/-1.156 χ^2/NDF : 651.6/17

All: 206.551+/-0.829 χ^2/NDF : 1193.3/33

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: 1.514+/-0.794 χ^2/NDF : 282.0/17

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: 1.806+/-0.832 χ^2/NDF : 227.2/15

Left: 1.653+/-0.574 χ^2/NDF : 509.3/33

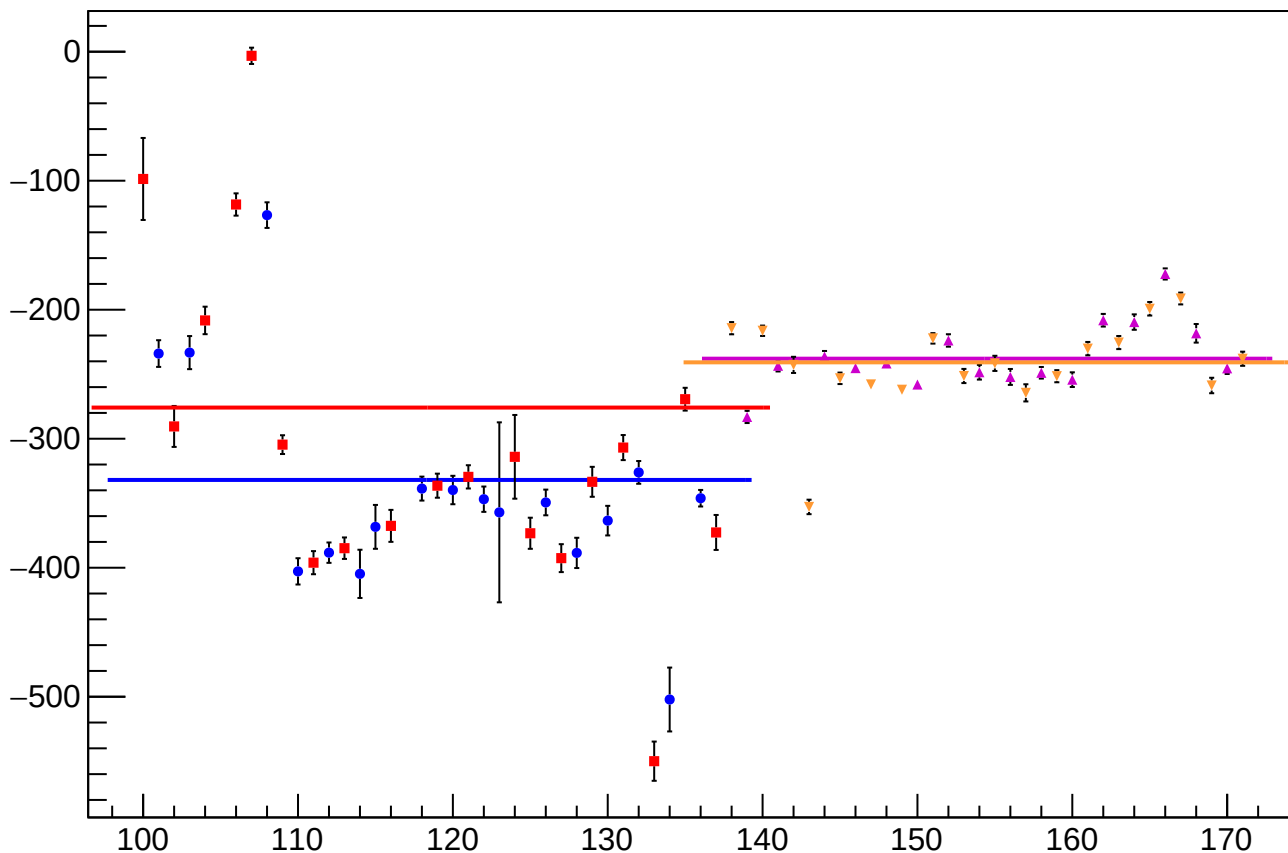
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 7.237+/-0.712 χ^2/NDF : 768.8/32

Out: 5.918+/-0.667 χ^2/NDF : 810.7/36

All: 6.535+/-0.486 χ^2/NDF : 1581.3/69

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -240.798 $\pm$ 1.145 χ^2 /NDF: 769.2/17

Right Out: -275.853 $\pm$ 2.323 χ^2 /NDF: 3361.7/18

Left In: -237.954 $\pm$ 1.167 χ^2 /NDF: 458.4/15

Left: -239.404 $\pm$ 0.817 χ^2 /NDF: 1230.7/33

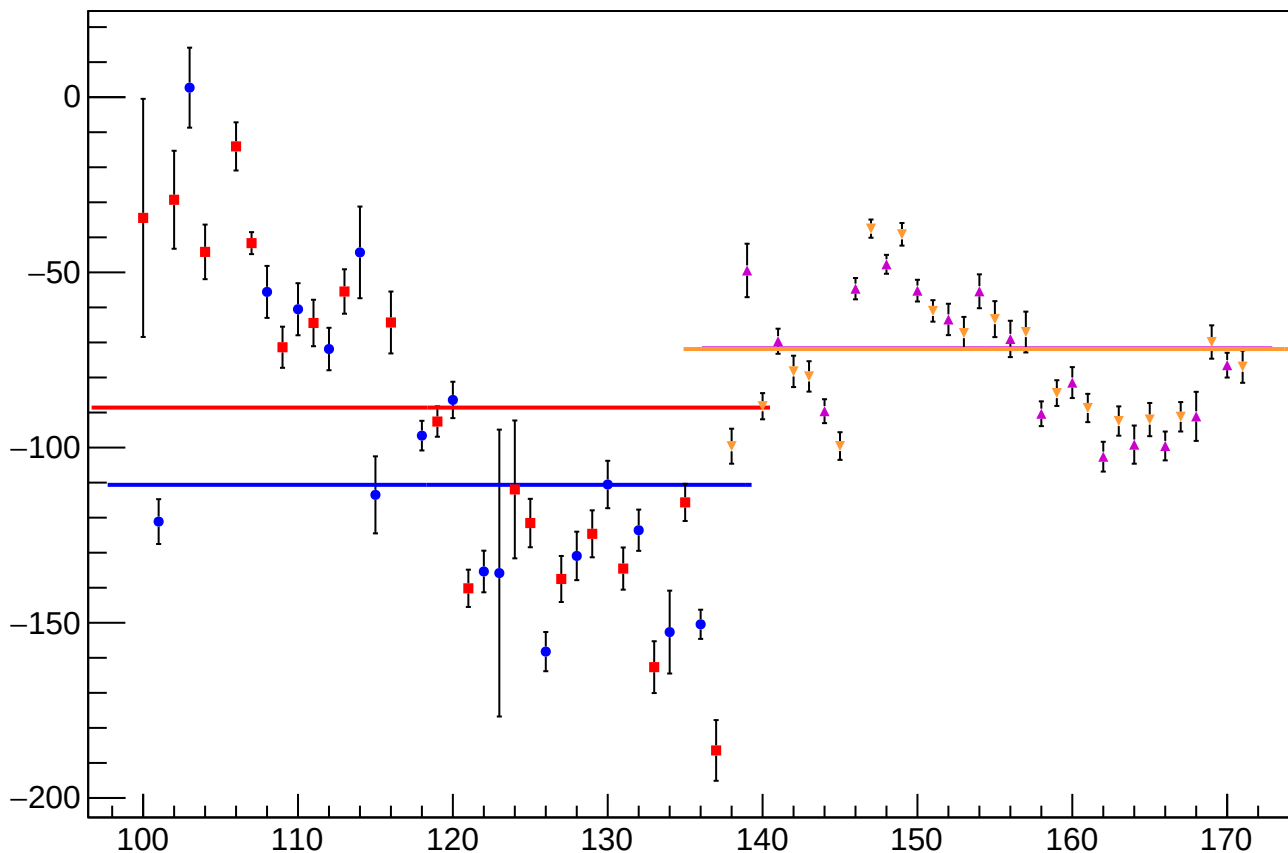
Right: -301.110 $\pm$ 1.723 χ^2 /NDF: 4409.7/35

In: -254.052 $\pm$ 1.062 χ^2 /NDF: 2355.0/32

Out: -247.644 $\pm$ 1.027 χ^2 /NDF: 4314.1/36

All: -250.739 $\pm$ 0.738 χ^2 /NDF: 6687.9/69

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: -71.877 ± 0.941 χ^2/NDF : 493.1/17

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -71.683 ± 0.981 χ^2/NDF : 356.2/15

Left: -71.784 ± 0.679 χ^2/NDF : 849.3/33

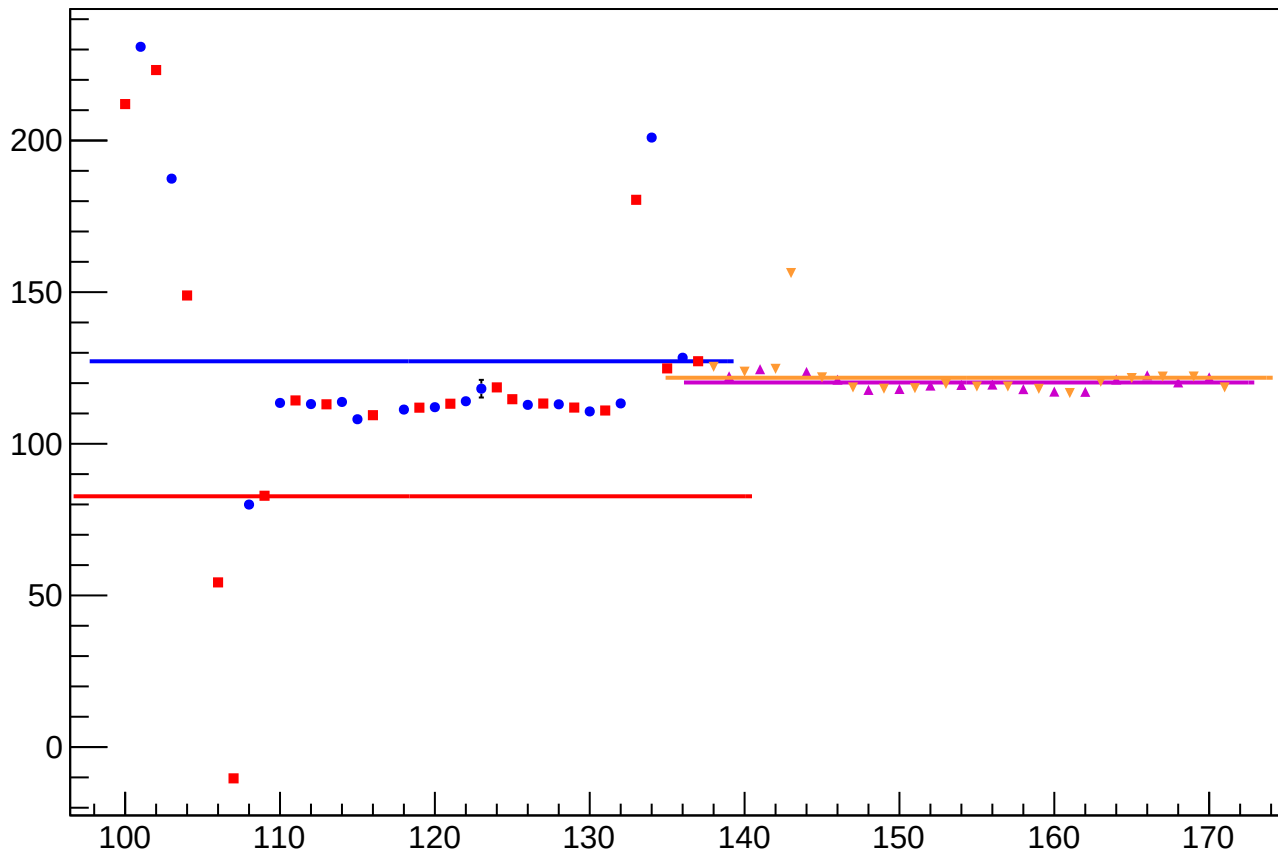
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -82.506 ± 0.833 χ^2/NDF : 1303.3/32

Out: -76.912 ± 0.787 χ^2/NDF : 1554.5/36

All: -79.548 ± 0.572 χ^2/NDF : 2881.6/69

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: 121.782 $\pm$ 0.046 χ^2 /NDF: 27034.0/17

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.214 $\pm$ 0.046 χ^2 /NDF: 2504.9/15

Left: 121.012 $\pm$ 0.033 χ^2 /NDF: 30119.7/33

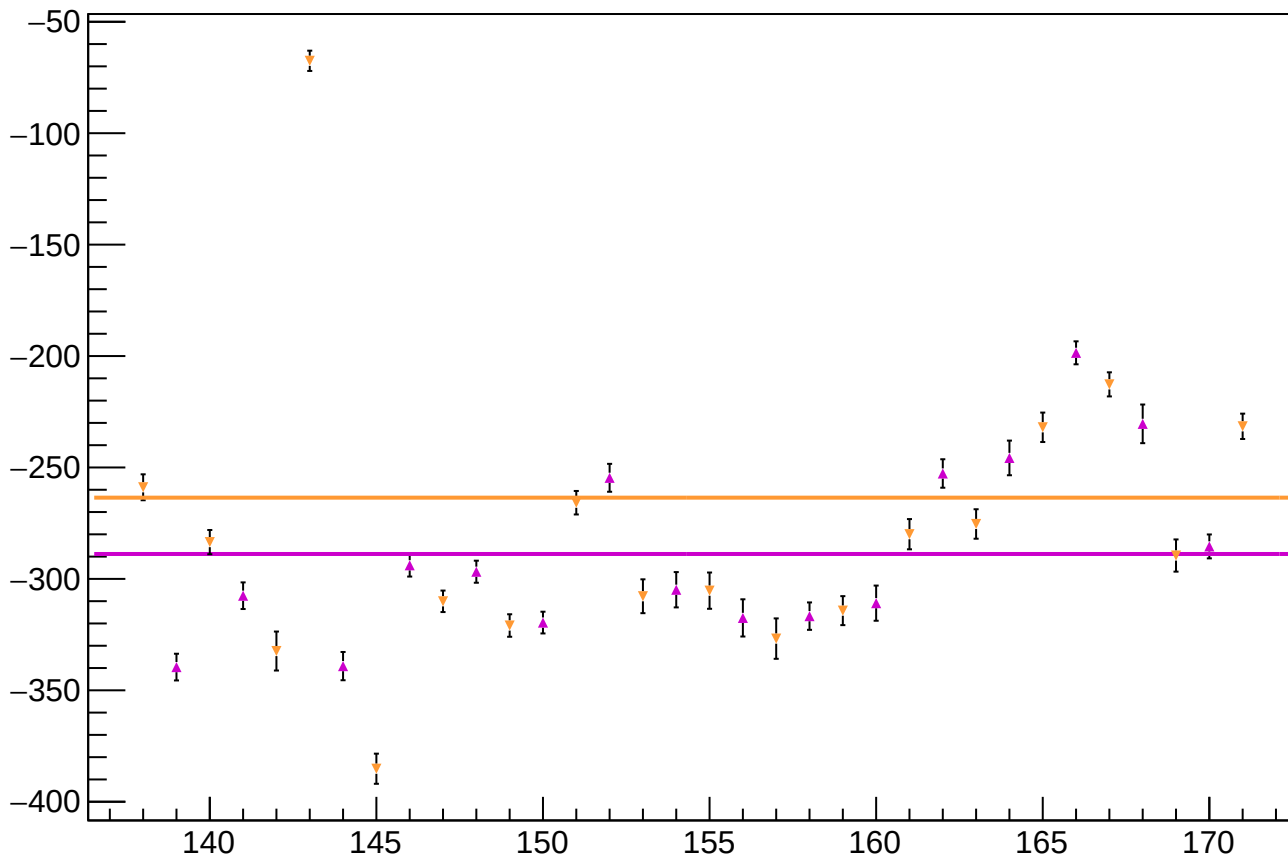
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.706 $\pm$ 0.041 χ^2 /NDF: 195369.9/32

Out: 111.290 $\pm$ 0.039 χ^2 /NDF: 990013.6/36

All: 116.216 $\pm$ 0.028 χ^2 /NDF: 1219110.5/69

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: -263.542+/-1.436 χ^2/NDF :2813.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -288.823+/-1.529 χ^2/NDF :677.3/15

Left: -275.388+/-1.047 χ^2/NDF : 3635.4/33

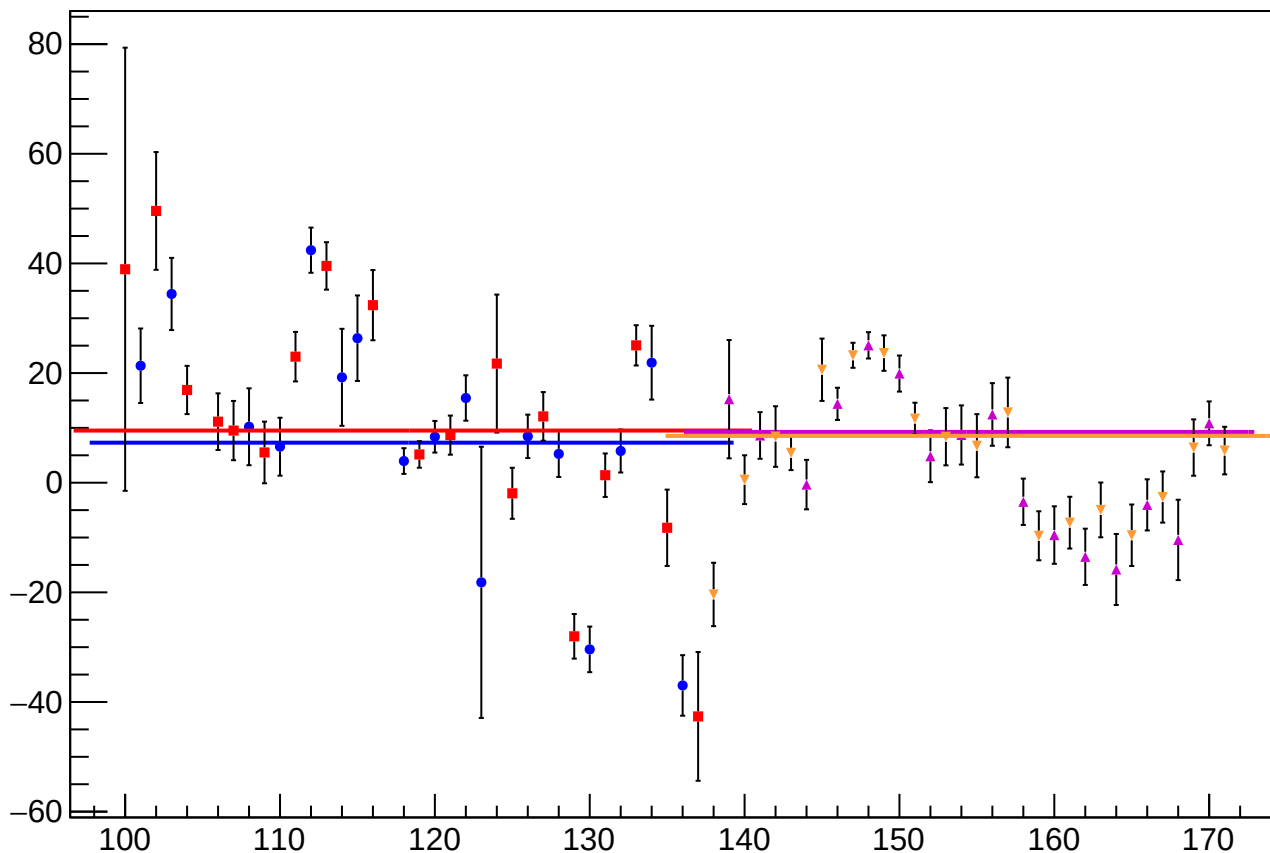
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -288.823+/-1.529 χ^2/NDF :677.3/15

Out: -263.542+/-1.436 χ^2/NDF :2813.0/17

All: -275.388+/-1.047 χ^2/NDF : 3635.4/33

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 8.538 ± 0.978 χ^2/NDF : 150.5/17

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 9.265 ± 1.062 χ^2/NDF : 135.1/15

Left: 8.872 ± 0.720 χ^2/NDF : 285.9/33

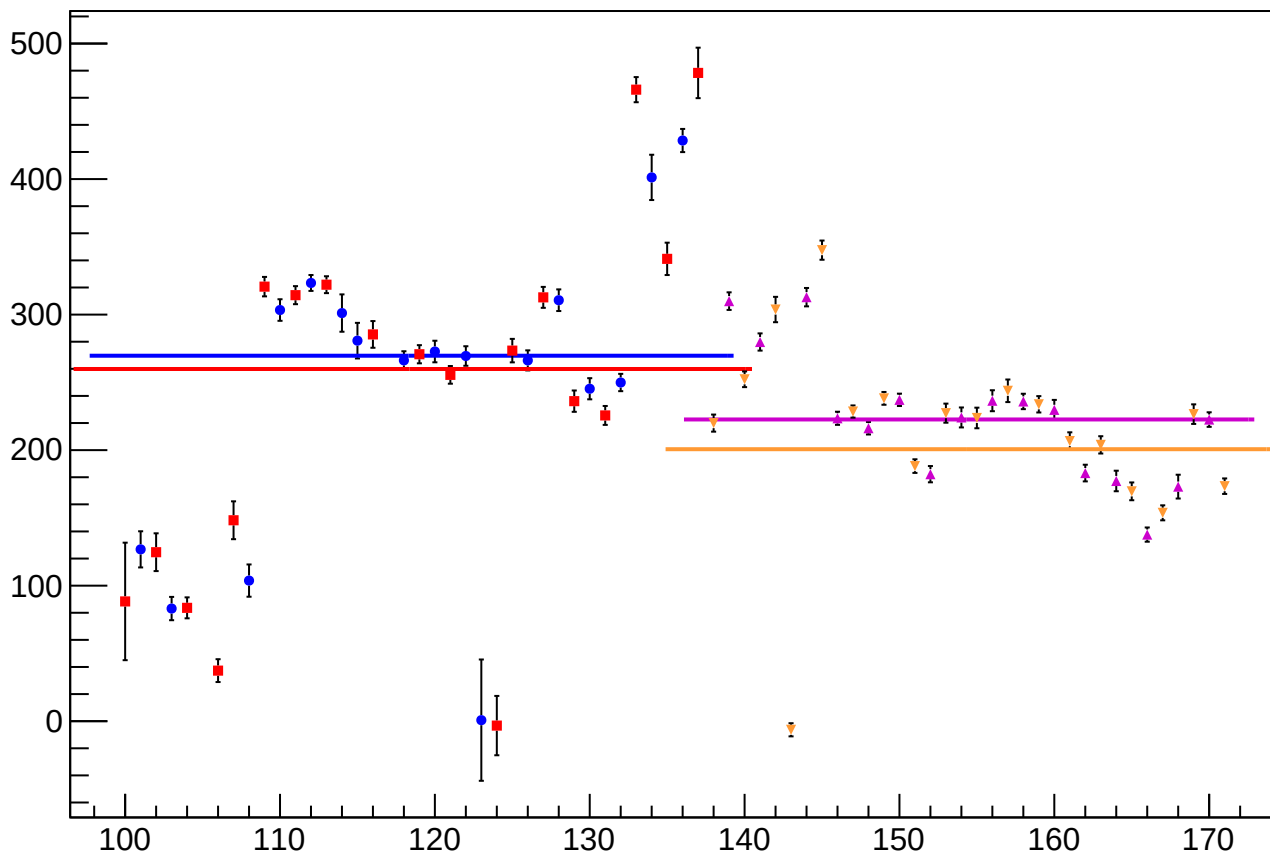
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 8.305 ± 0.759 χ^2/NDF : 397.4/32

Out: 8.981 ± 0.723 χ^2/NDF : 382.7/36

All: 8.660 ± 0.523 χ^2/NDF : 780.5/69

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: 200.685 $\pm$ 1.420 χ^2 /NDF: 2778.8/17

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 222.629 $\pm$ 1.495 χ^2 /NDF: 876.8/15

Left: 211.096 $\pm$ 1.029 χ^2 /NDF: 3768.9/33

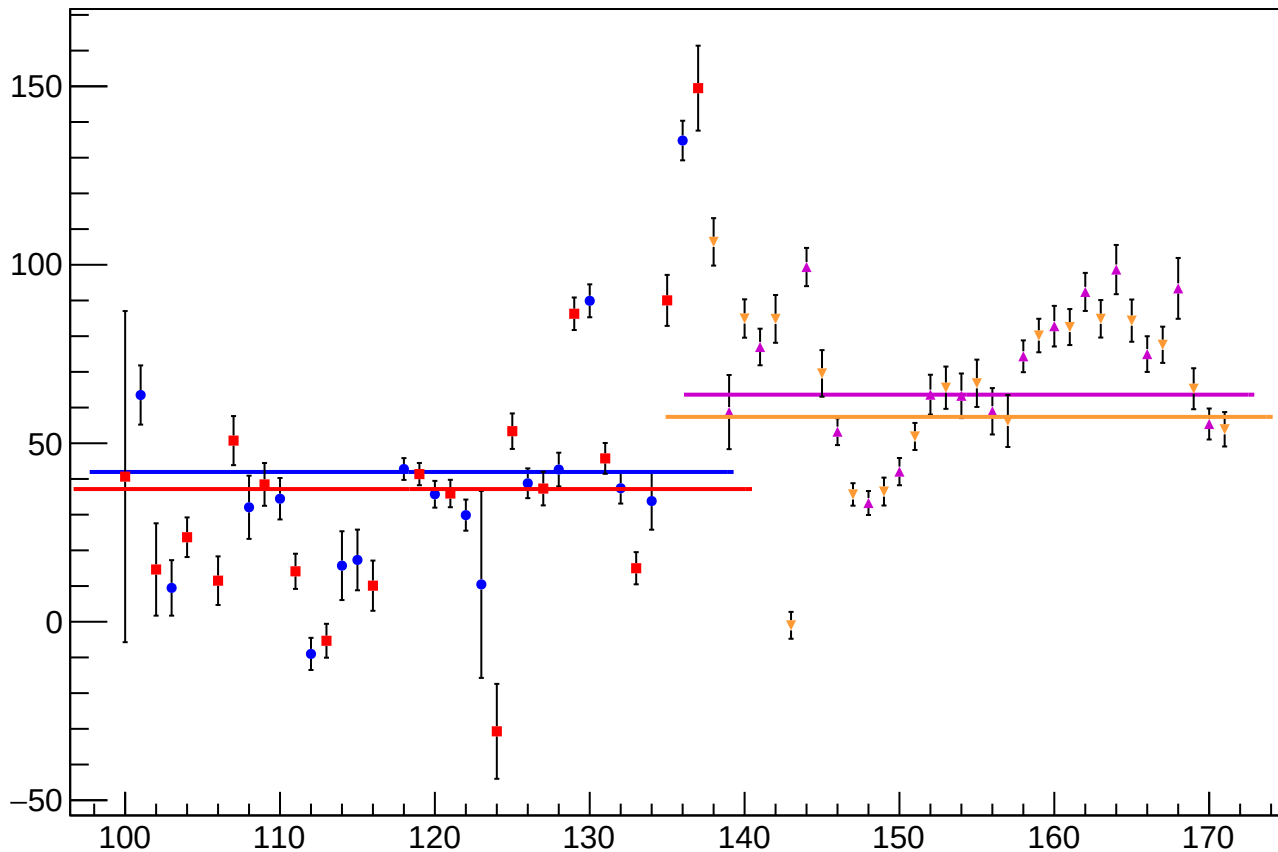
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 238.684 $\pm$ 1.213 χ^2 /NDF: 2591.5/32

Out: 220.830 $\pm$ 1.153 χ^2 /NDF: 5913.8/36

All: 229.307 $\pm$ 0.836 χ^2 /NDF: 8619.1/69

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: 57.392 ± 1.161 χ^2/NDF : 538.3/17

Right Out: 37.174 ± 1.236 χ^2/NDF : 470.9/18

Left In: 63.613 ± 1.254 χ^2/NDF : 266.4/15

Left: 60.264 ± 0.852 χ^2/NDF : 817.9/33

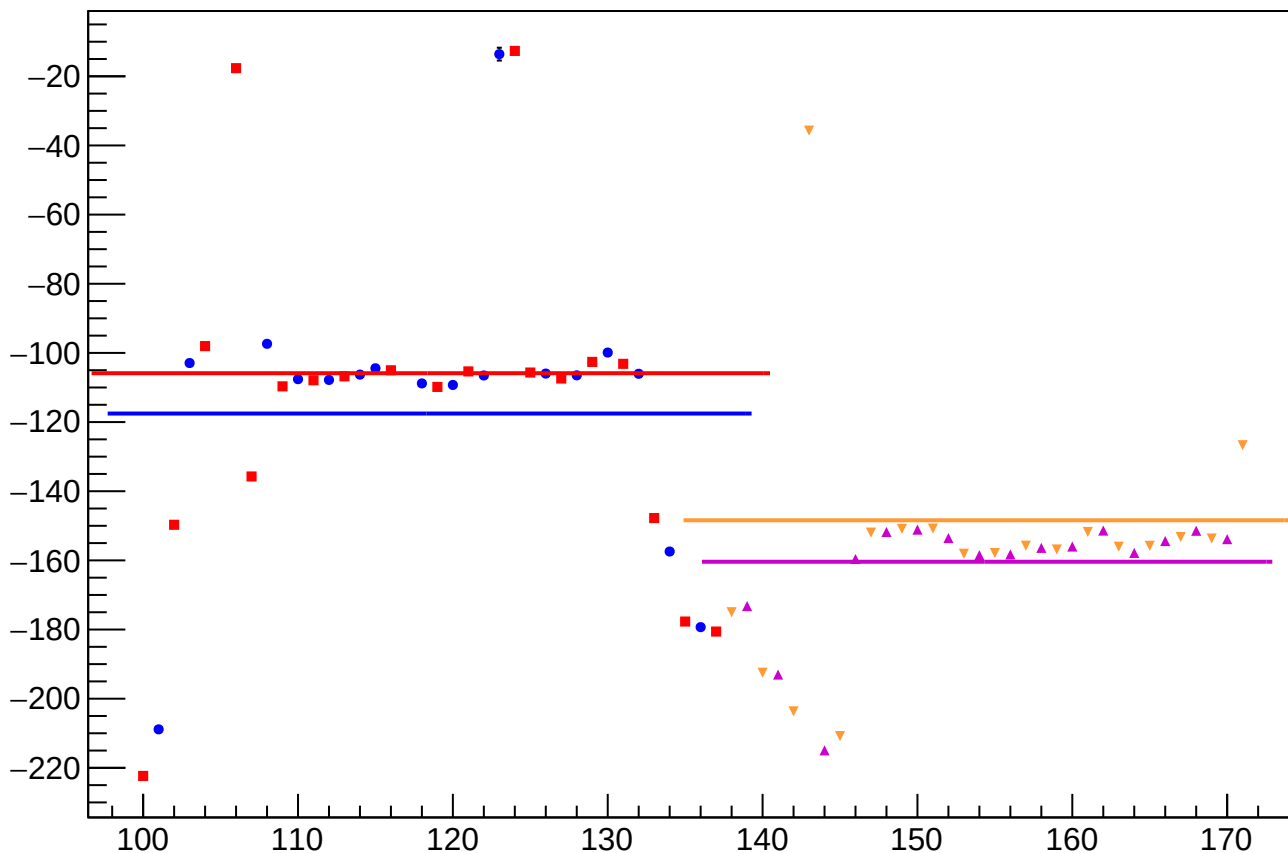
Right: 39.523 ± 0.882 χ^2/NDF : 1052.5/35

In: 52.822 ± 0.888 χ^2/NDF : 989.3/32

Out: 47.908 ± 0.846 χ^2/NDF : 1151.3/36

All: 50.246 ± 0.613 χ^2/NDF : 2156.6/69

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: -148.405+/-0.057 χ^2/NDF : 466913.1/17

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -160.396+/-0.059 χ^2/NDF : 62675.1/15

Left: -154.094+/-0.041 χ^2/NDF : 550955.8/33

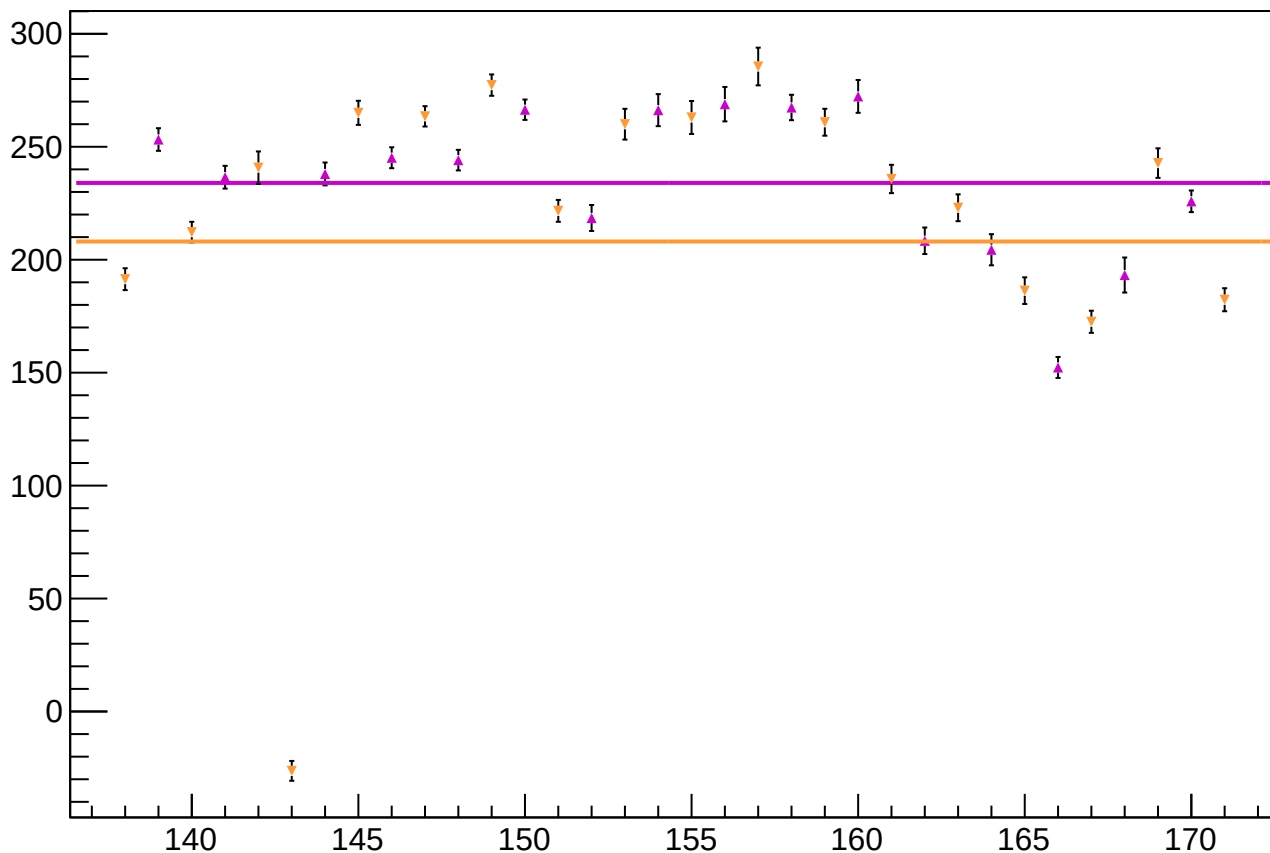
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -144.672+/-0.047 χ^2/NDF : 395299.7/32

Out: -132.407+/-0.045 χ^2/NDF : 1004384.3/36

All: -138.181+/-0.032 χ^2/NDF : 1435236.9/69

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: 208.059+/-1.289 χ^2/NDF : 3789.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 233.996+/-1.365 χ^2/NDF : 566.8/15

Left: 220.284+/-0.937 χ^2/NDF : 4547.2/33

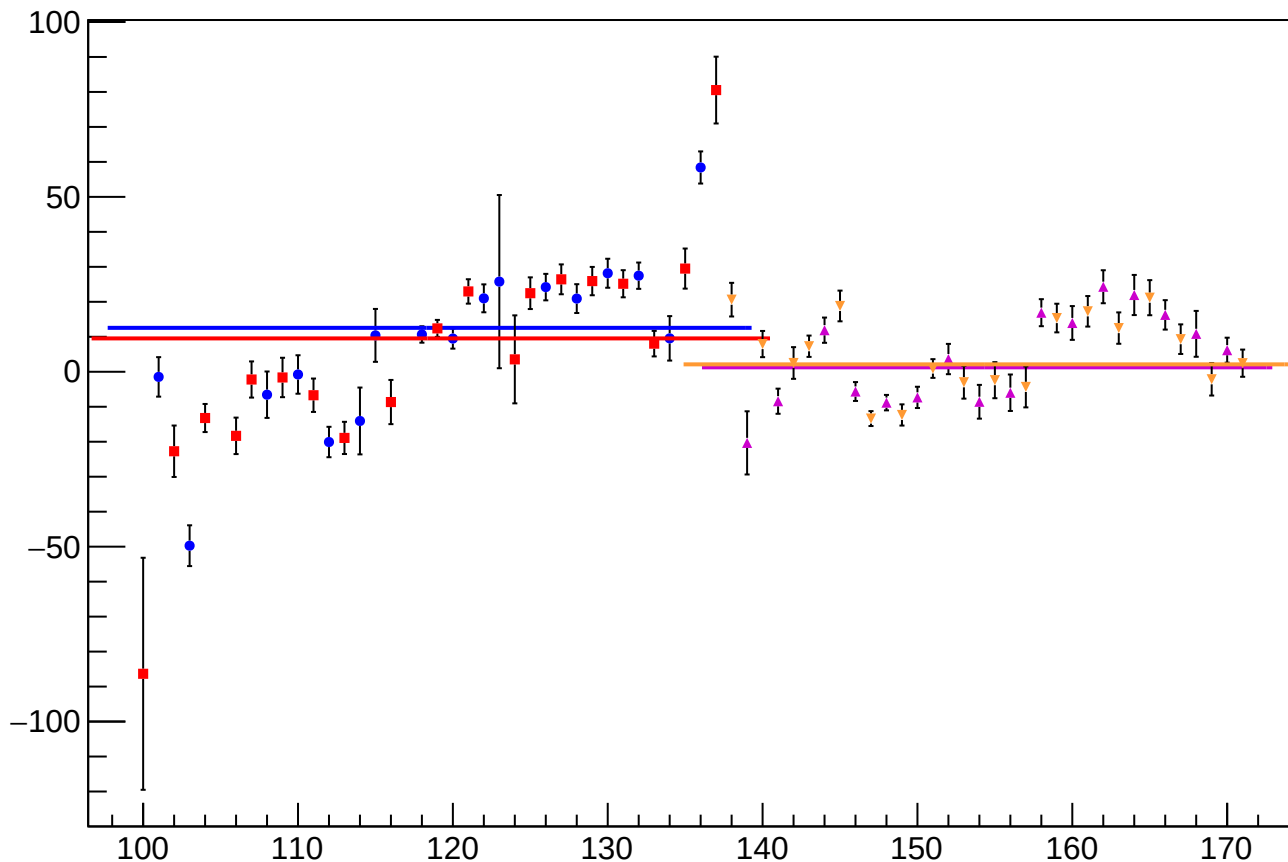
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.996+/-1.365 χ^2/NDF : 566.8/15

Out: 208.059+/-1.289 χ^2/NDF : 3789.5/17

All: 220.284+/-0.937 χ^2/NDF : 4547.2/33

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: 2.118 ± 0.886 χ^2/NDF : 159.6/17

Right Out: 9.535 ± 1.049 χ^2/NDF : 295.8/18

Left In: 1.268 ± 0.956 χ^2/NDF : 140.3/15

Left: 1.725 ± 0.650 χ^2/NDF : 300.3/33

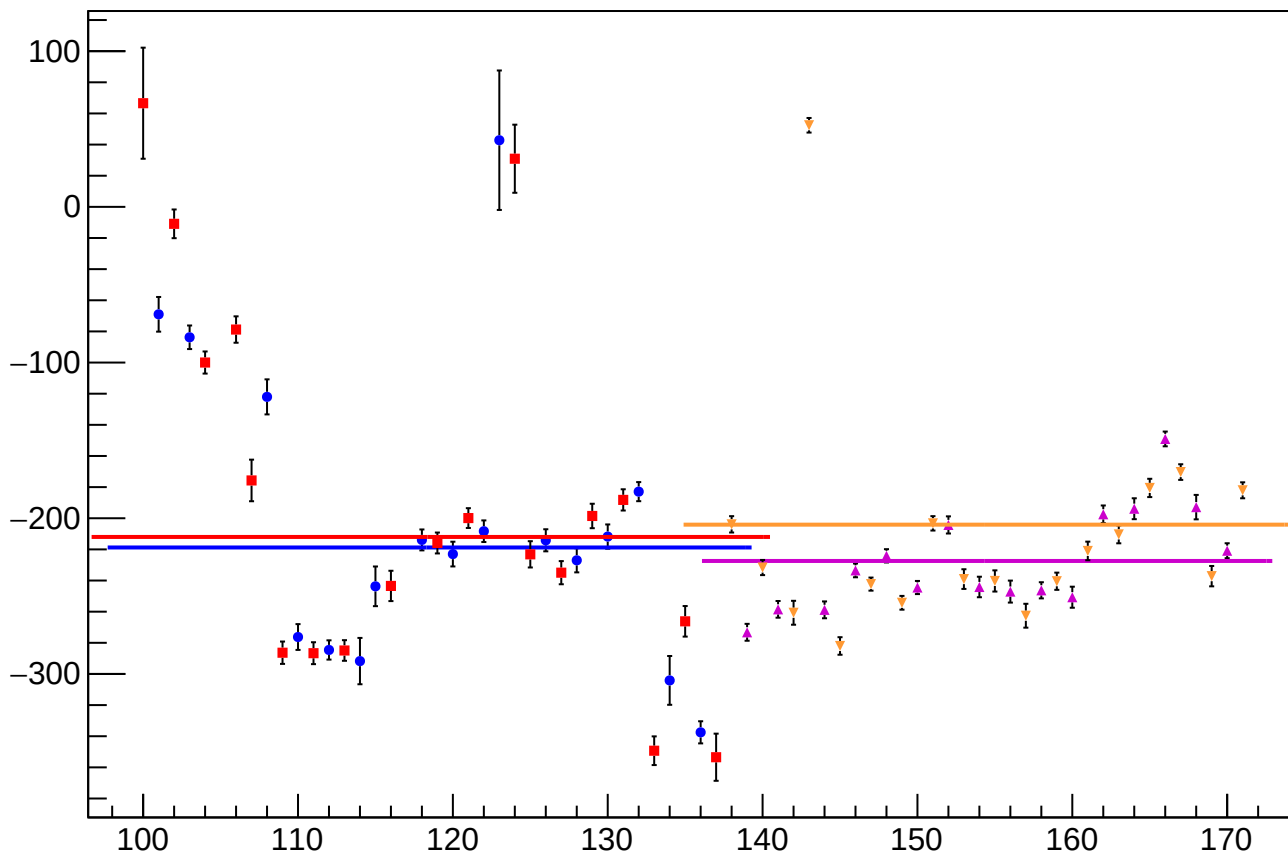
Right: 11.035 ± 0.745 χ^2/NDF : 648.5/35

In: 6.348 ± 0.709 χ^2/NDF : 551.6/32

Out: 5.208 ± 0.677 χ^2/NDF : 484.6/36

All: 5.751 ± 0.490 χ^2/NDF : 1037.5/69

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: -204.113 ± 1.278 $\chi^2/\text{NDF}: 3757.5/17$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -227.431 ± 1.339 $\chi^2/\text{NDF}: 562.7/15$

Left: -215.235 ± 0.925 $\chi^2/\text{NDF}: 4479.0/33$

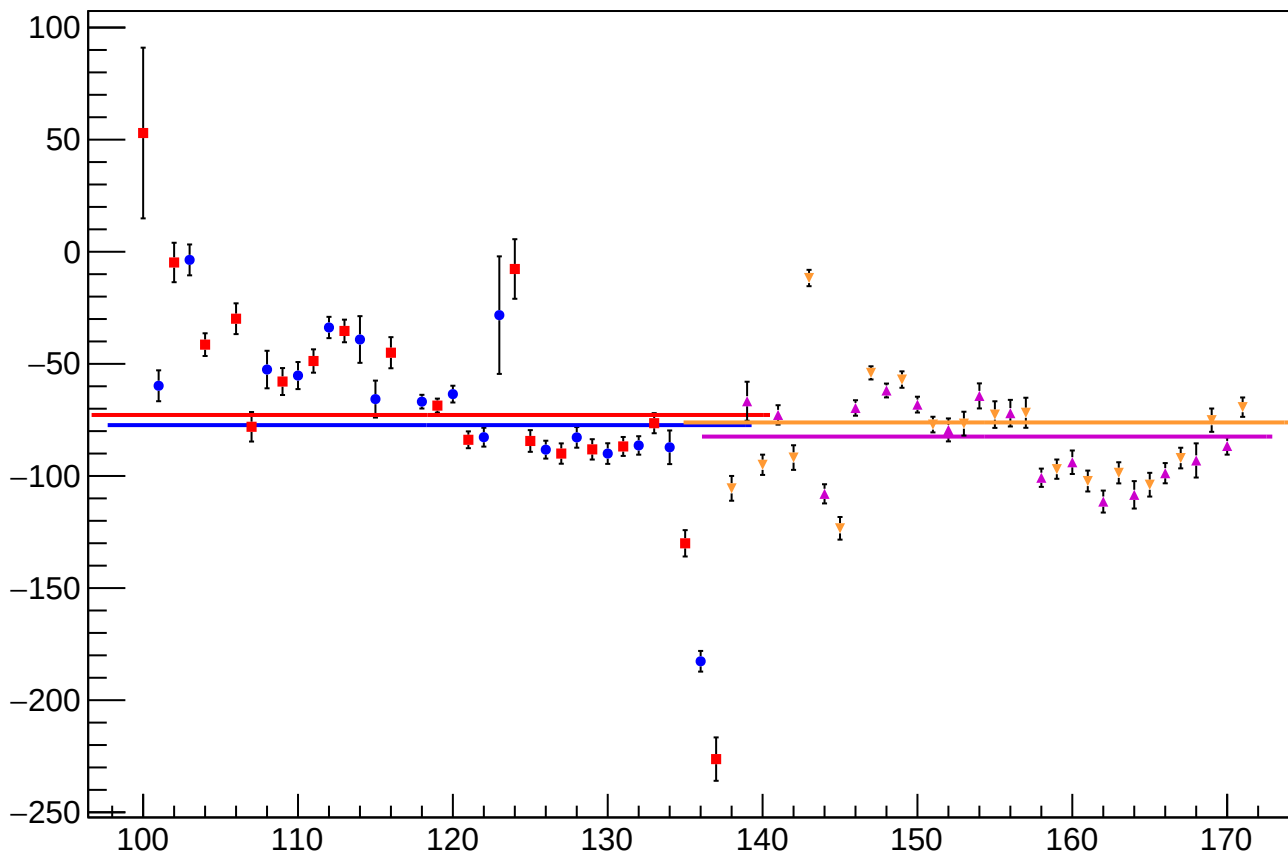
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -224.770 ± 1.114 $\chi^2/\text{NDF}: 1720.0/32$

Out: -206.531 ± 1.065 $\chi^2/\text{NDF}: 5654.9/36$

All: -215.236 ± 0.770 $\chi^2/\text{NDF}: 7515.0/69$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.127 ± 1.050 χ^2/NDF : 658.3/17

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -82.433 ± 1.127 χ^2/NDF : 226.4/15

Left: -79.057 ± 0.768 χ^2/NDF : 901.5/33

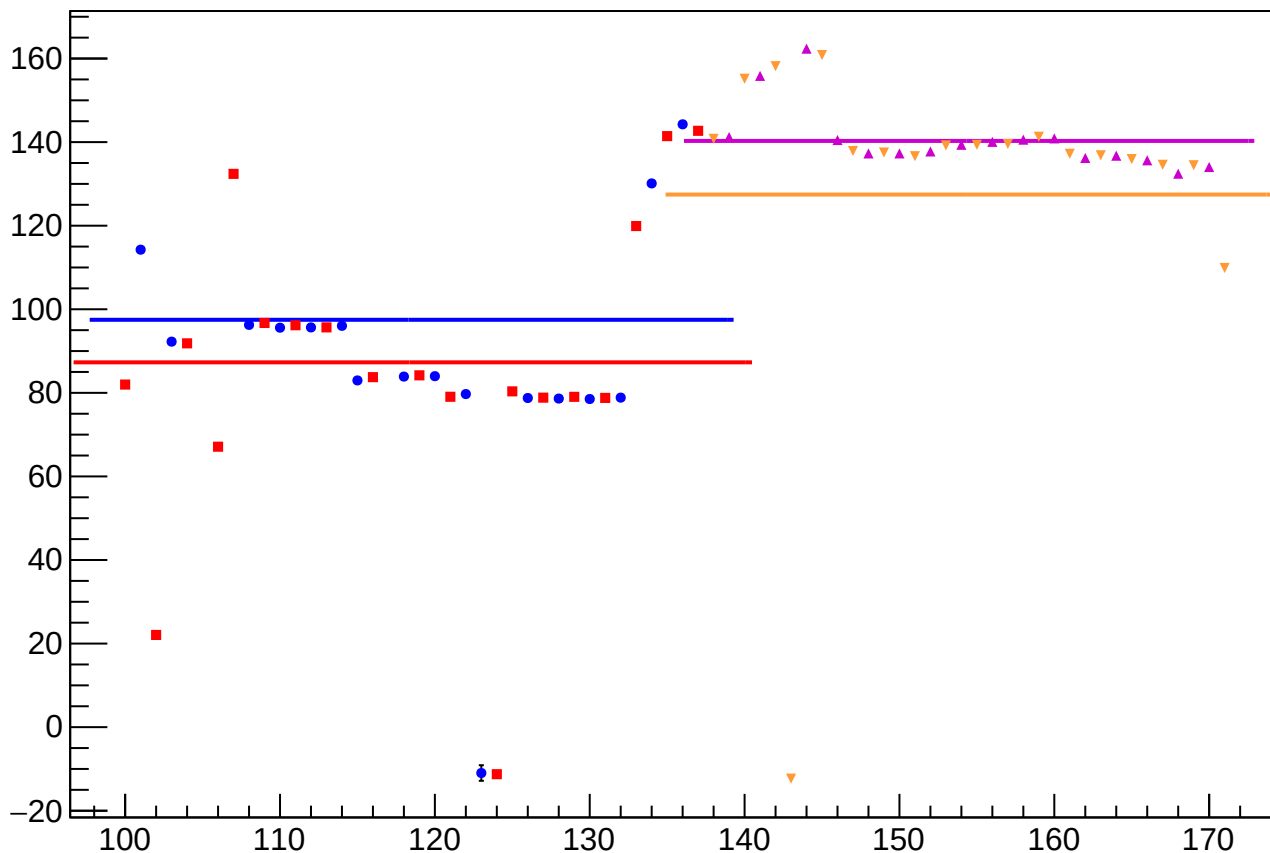
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -80.082 ± 0.829 χ^2/NDF : 1053.6/32

Out: -74.692 ± 0.792 χ^2/NDF : 1334.4/36

All: -77.267 ± 0.573 χ^2/NDF : 2410.1/69

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 127.450+/-0.051 χ^2/NDF : 641260.0/17

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 140.283+/-0.053 χ^2/NDF : 17525.4/15

Left: 133.568+/-0.037 χ^2/NDF : 689193.3/33

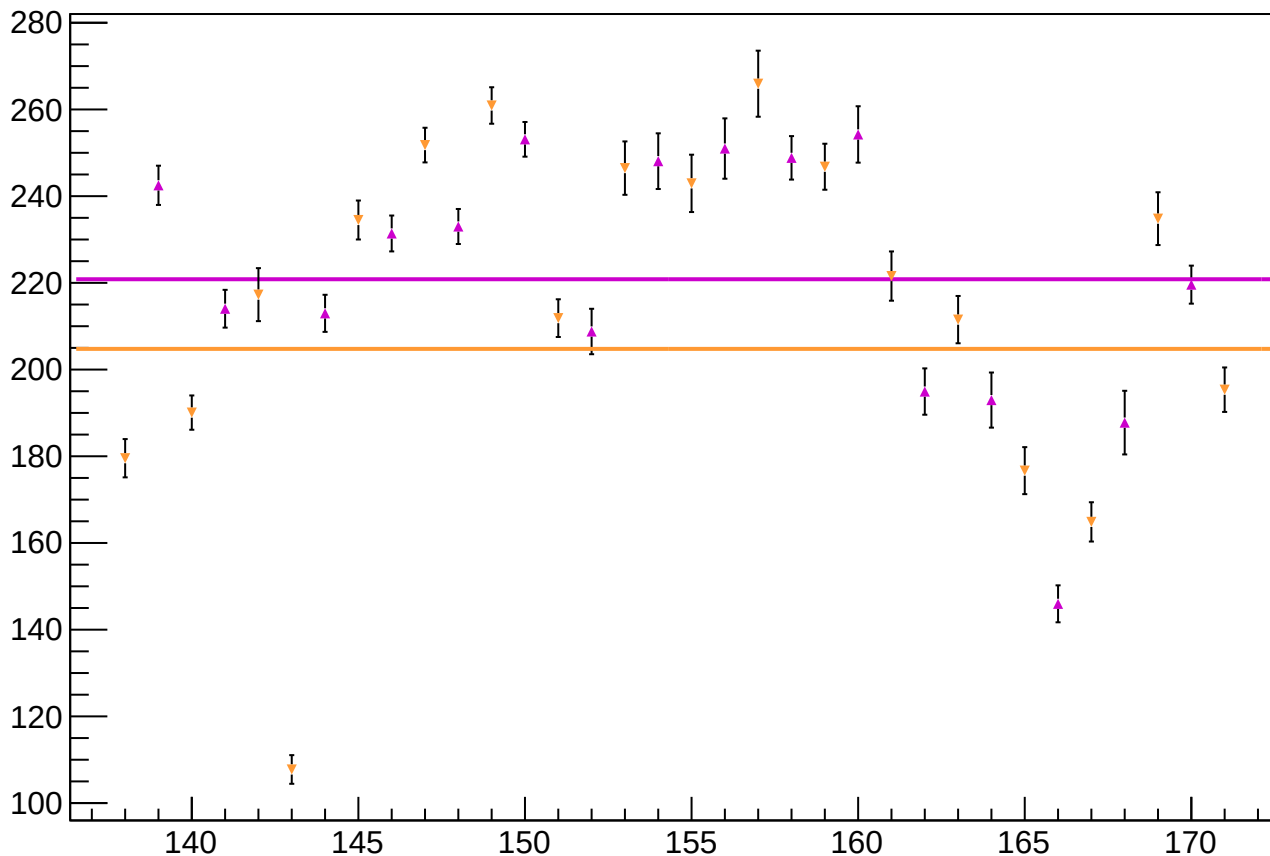
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 125.521+/-0.043 χ^2/NDF : 334866.7/32

Out: 113.123+/-0.041 χ^2/NDF : 1085925.6/36

All: 118.977+/-0.030 χ^2/NDF : 1464493.3/69

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 204.773+/-1.140 χ^2/NDF :1623.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 220.834+/-1.223 χ^2/NDF :580.6/15

Left: 212.241+/-0.834 χ^2/NDF : 2295.8/33

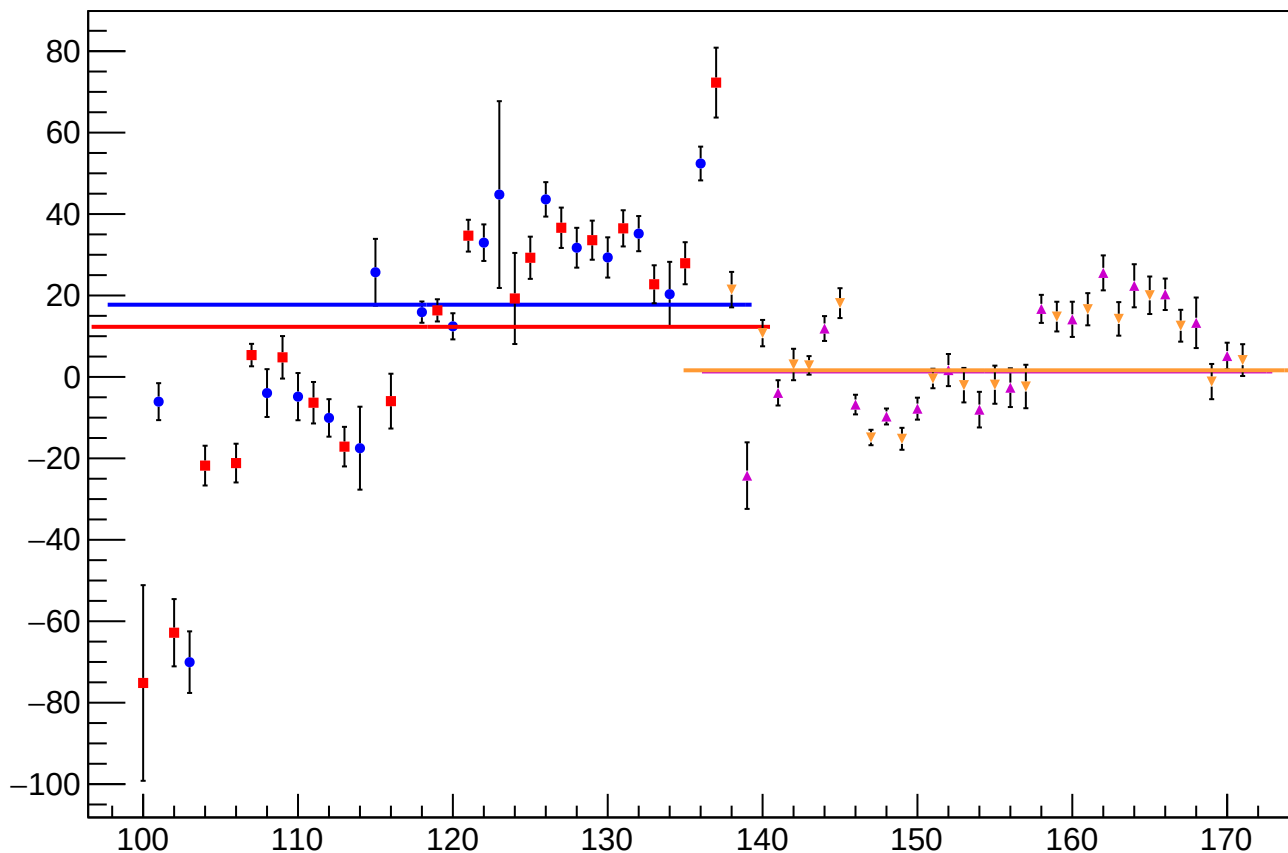
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.834+/-1.223 χ^2/NDF :580.6/15

Out: 204.773+/-1.140 χ^2/NDF :1623.0/17

All: 212.241+/-0.834 χ^2/NDF : 2295.8/33

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2/NDF : 394.0/16

Left Out: 1.624 $\pm$ 0.781 χ^2/NDF : 228.3/17

Right Out: 12.306 $\pm$ 1.084 χ^2/NDF : 442.5/18

Left In: 1.347 $\pm$ 0.854 χ^2/NDF : 190.1/15

Left: 1.498 $\pm$ 0.576 χ^2/NDF : 418.4/33

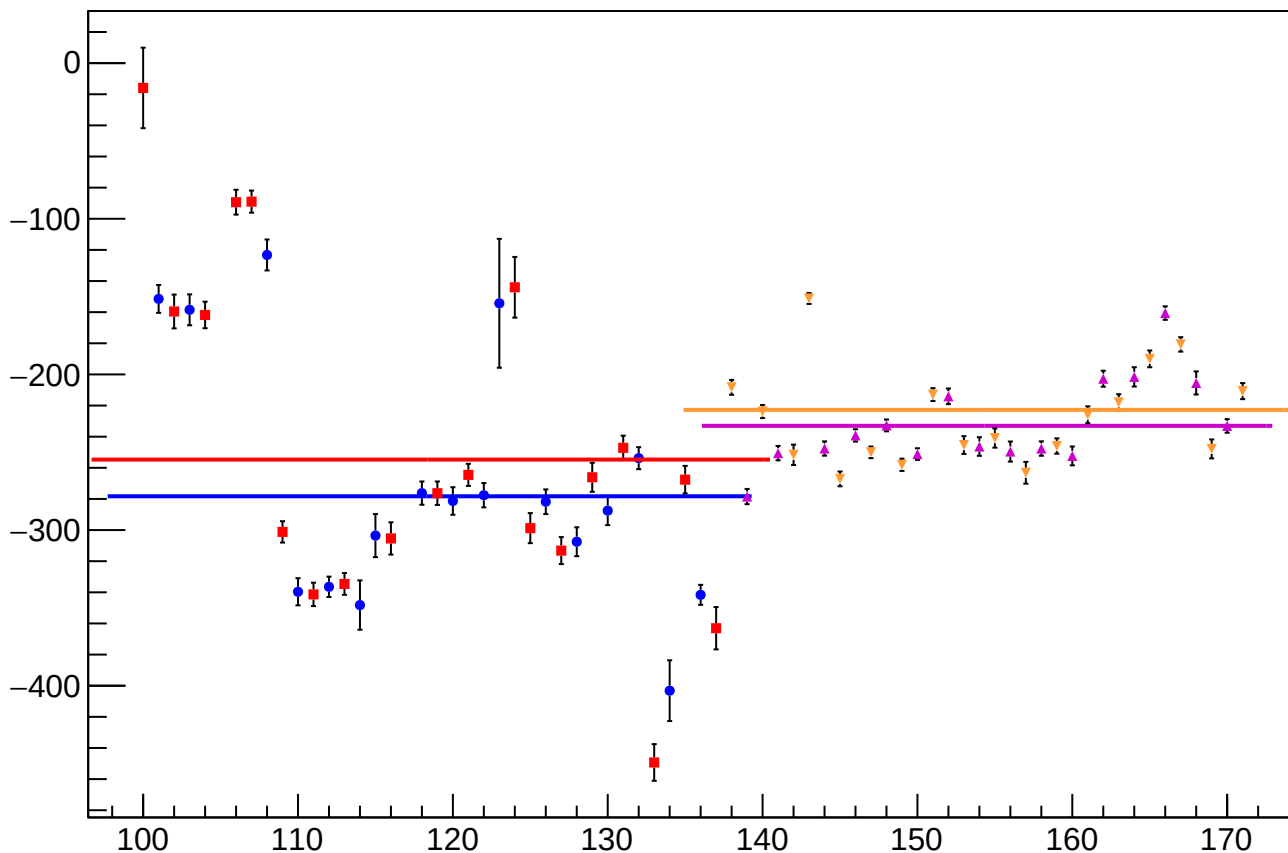
Right: 14.864 $\pm$ 0.788 χ^2/NDF : 848.3/35

In: 7.182 $\pm$ 0.685 χ^2/NDF : 715.2/32

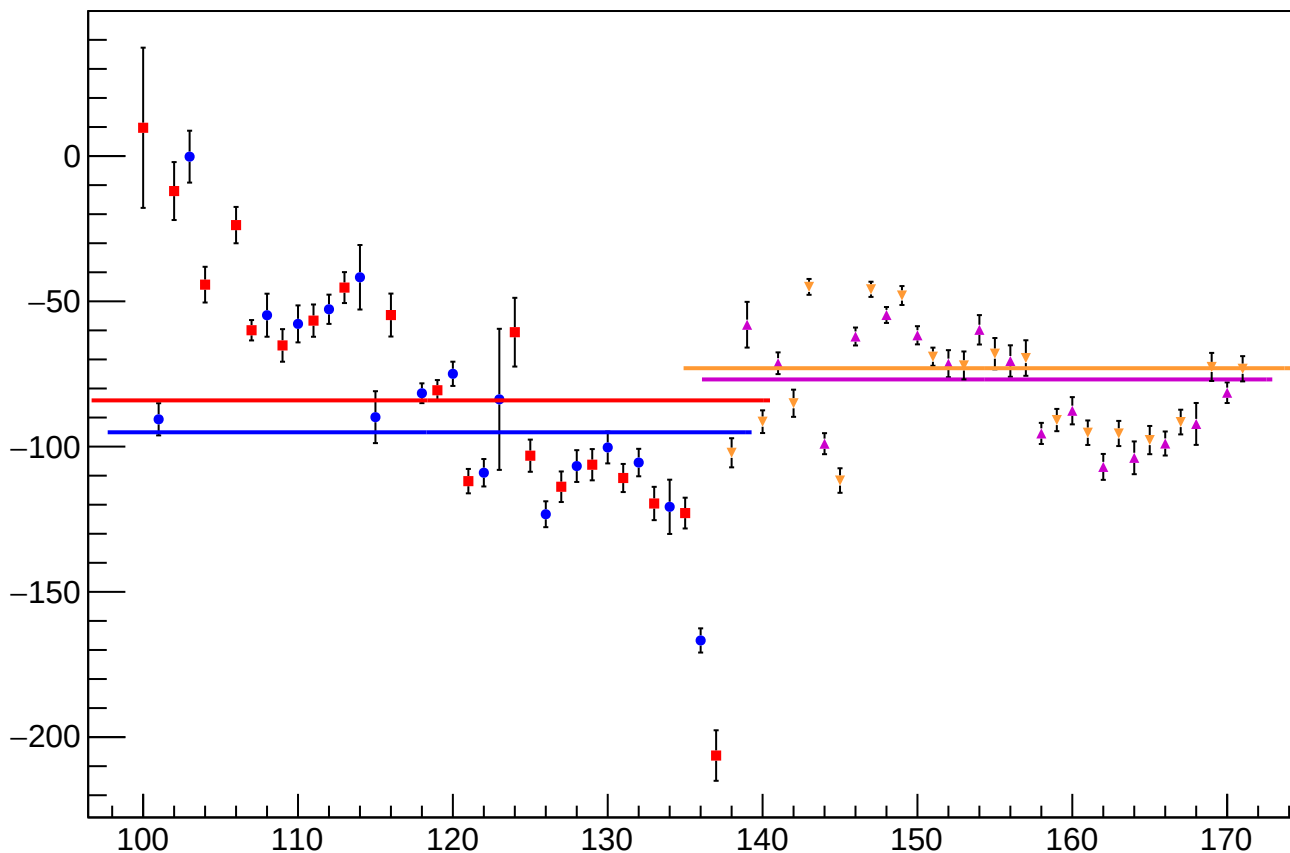
Out: 5.275 $\pm$ 0.634 χ^2/NDF : 734.7/36

All: 6.154 $\pm$ 0.465 χ^2/NDF : 1454.0/69

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -73.019 ± 0.928 χ^2/NDF : 542.7/17

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -76.883 ± 1.008 χ^2/NDF : 305.9/15

Left: -74.791 ± 0.683 χ^2/NDF : 856.6/33

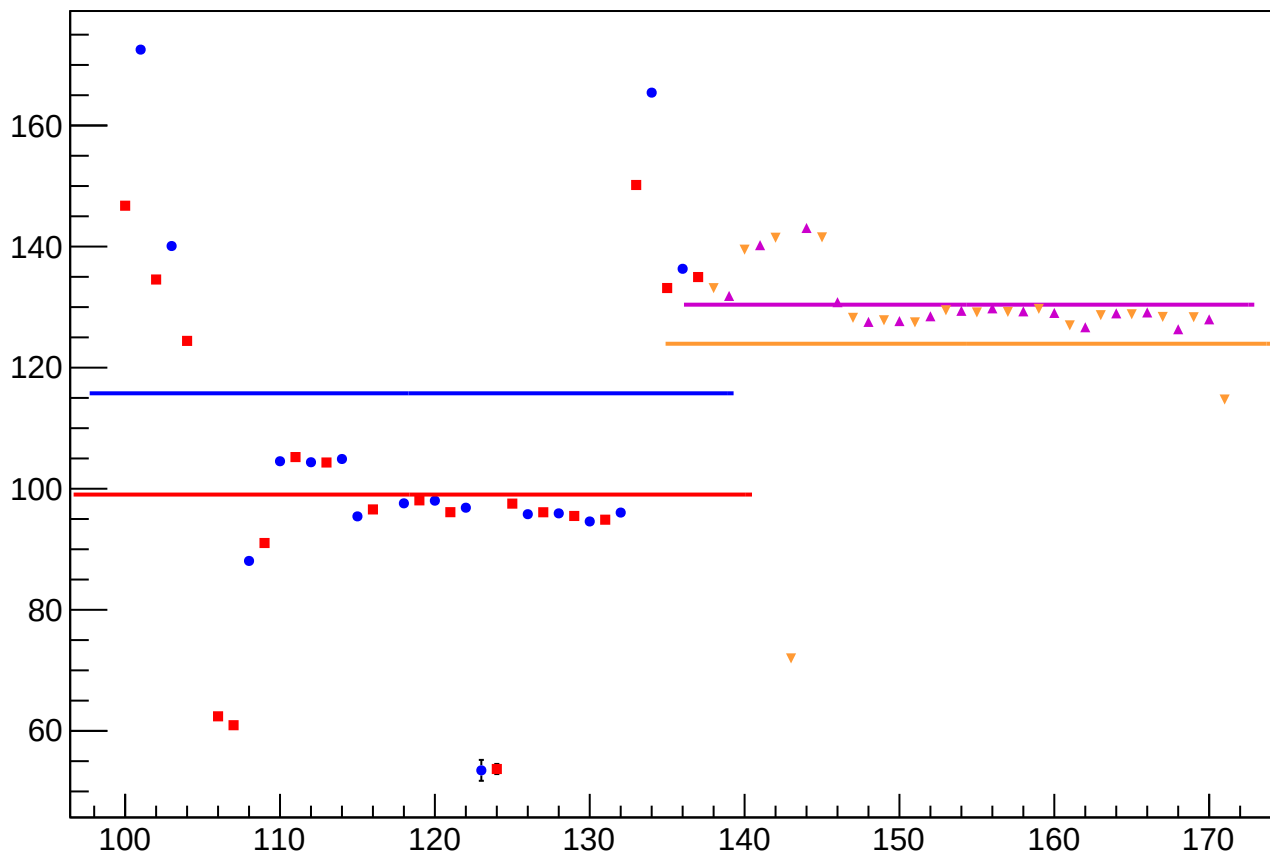
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -83.552 ± 0.802 χ^2/NDF : 1098.4/32

Out: -76.927 ± 0.747 χ^2/NDF : 1373.3/36

All: -80.002 ± 0.547 χ^2/NDF : 2508.3/69

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.950 $\pm$ 0.045 χ^2 /NDF:165984.4/17

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 130.402 $\pm$ 0.048 χ^2 /NDF:8488.4/15

Left: 126.999 $\pm$ 0.033 χ^2 /NDF: 184074.1/33

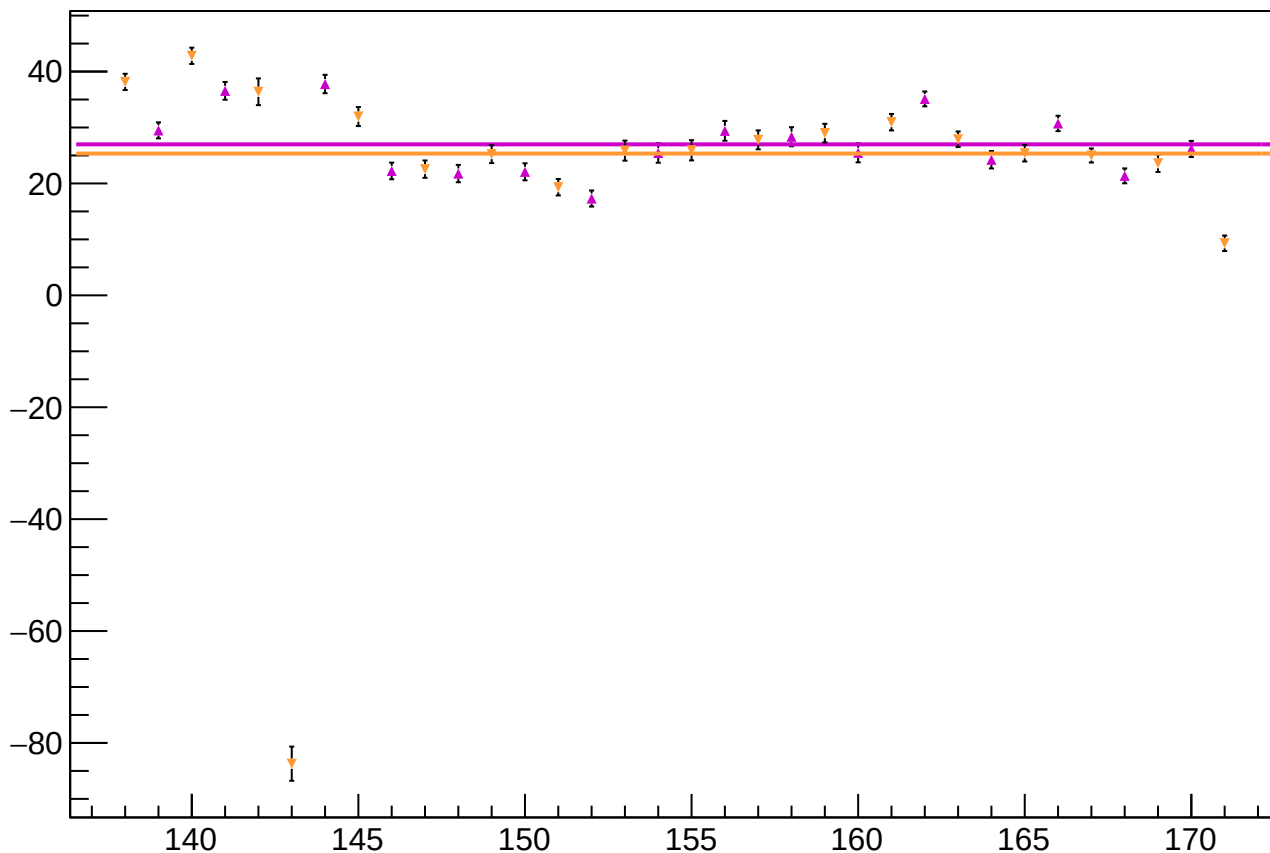
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.409 $\pm$ 0.041 χ^2 /NDF:140345.6/32

Out: 116.374 $\pm$ 0.038 χ^2 /NDF:431568.4/36

All: 121.006 $\pm$ 0.028 χ^2 /NDF: 604513.3/69

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.342 $\pm$ 0.373 χ^2 /NDF:1712.1/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 26.985 $\pm$ 0.380 χ^2 /NDF:230.3/15

Left: 26.150 $\pm$ 0.266 χ^2 /NDF: 1951.8/33

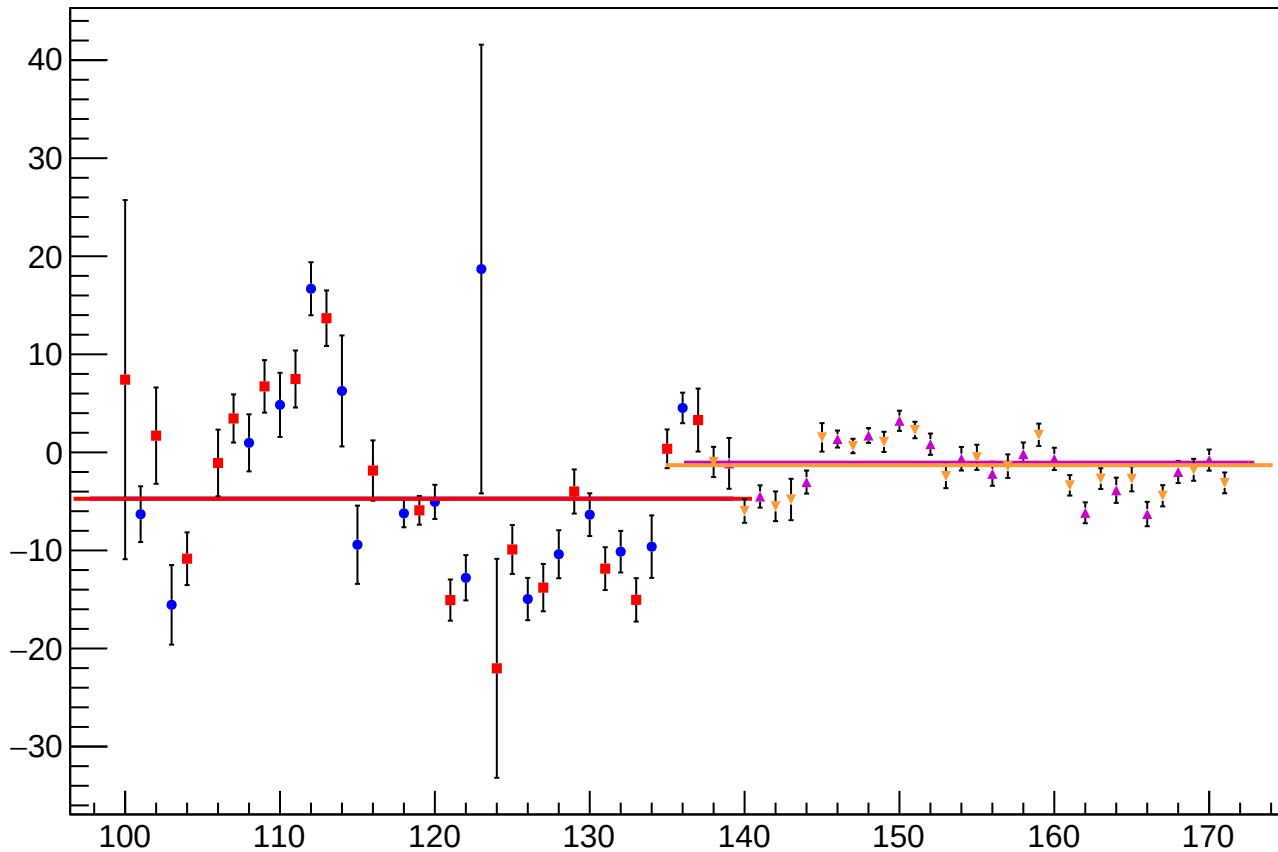
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 26.985 $\pm$ 0.380 χ^2 /NDF:230.3/15

Out: 25.342 $\pm$ 0.373 χ^2 /NDF:1712.1/17

All: 26.150 $\pm$ 0.266 χ^2 /NDF: 1951.8/33

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -1.305 ± 0.266 χ^2/NDF : 86.5/17

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -1.052 ± 0.276 χ^2/NDF : 101.3/15

Left: -1.183 ± 0.191 χ^2/NDF : 188.3/33

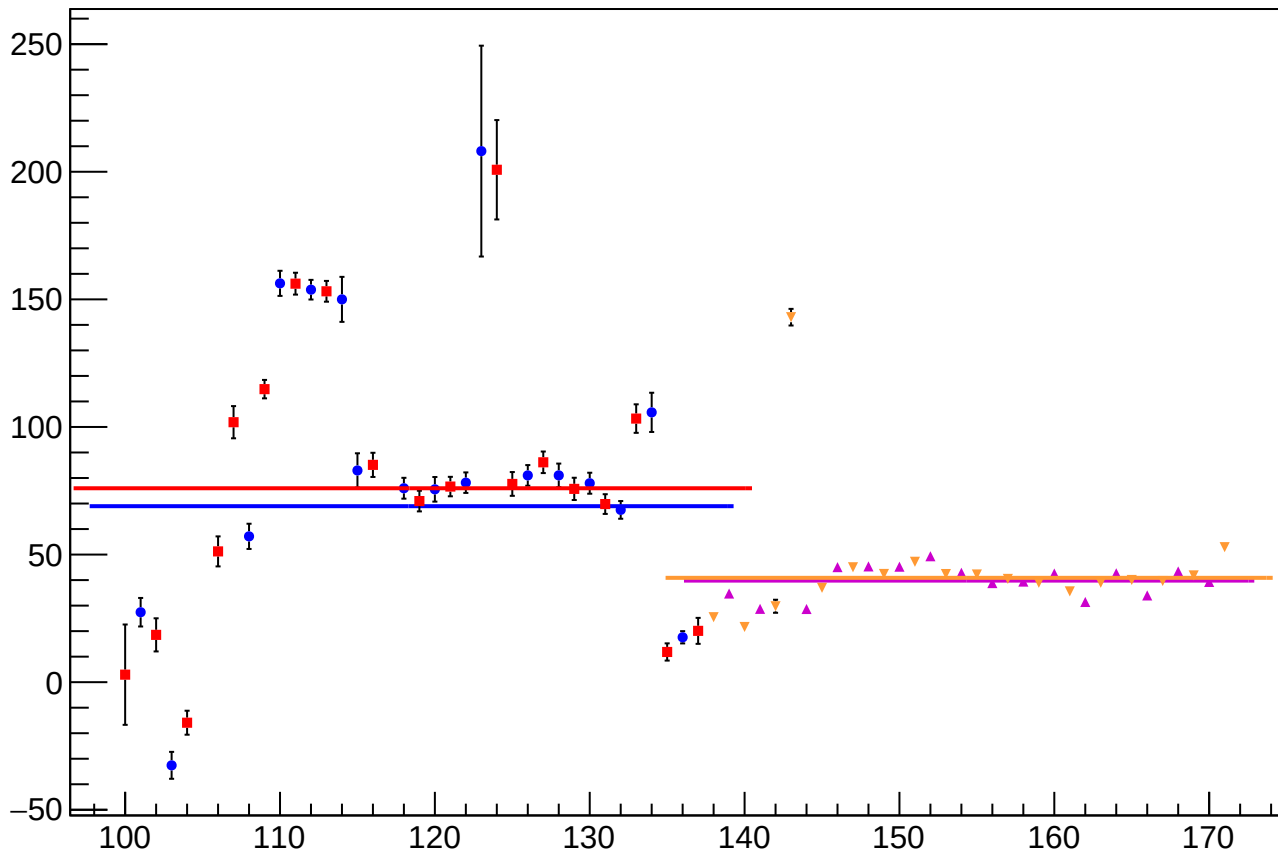
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.725 ± 0.249 χ^2/NDF : 308.5/32

Out: -1.892 ± 0.242 χ^2/NDF : 304.7/36

All: -1.811 ± 0.174 χ^2/NDF : 613.4/69

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: 40.885 ± 0.367 $\chi^2/\text{NDF}: 1379.9/17$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 39.800 ± 0.372 $\chi^2/\text{NDF}: 263.2/15$

Left: 40.349 ± 0.261 $\chi^2/\text{NDF}: 1647.4/33$

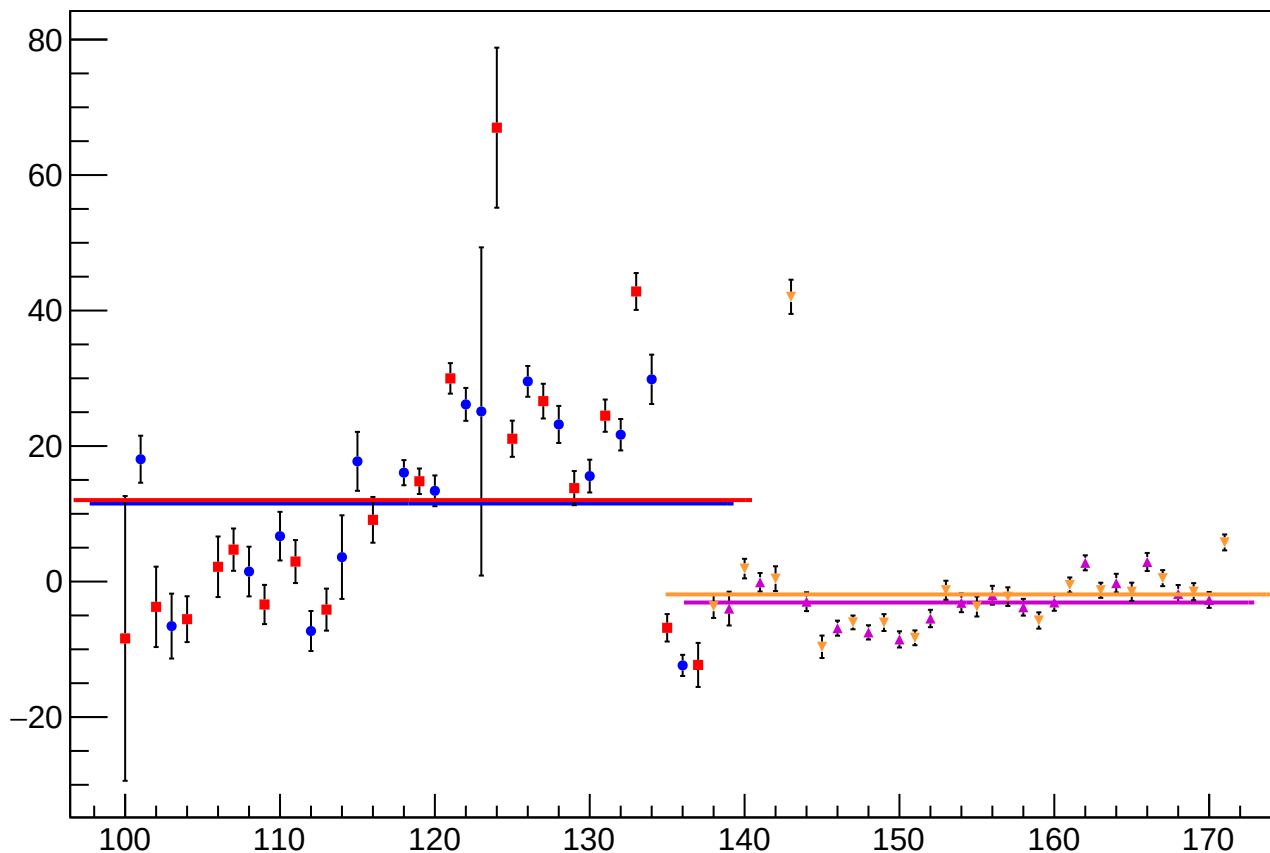
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 42.899 ± 0.352 $\chi^2/\text{NDF}: 2760.1/32$

Out: 44.591 ± 0.348 $\chi^2/\text{NDF}: 4238.1/36$

All: 43.755 ± 0.247 $\chi^2/\text{NDF}: 7009.8/69$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -1.899 ± 0.308 $\chi^2/\text{NDF}: 456.7/17$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -3.092 ± 0.319 $\chi^2/\text{NDF}: 112.7/15$

Left: -2.475 ± 0.222 $\chi^2/\text{NDF}: 576.5/33$

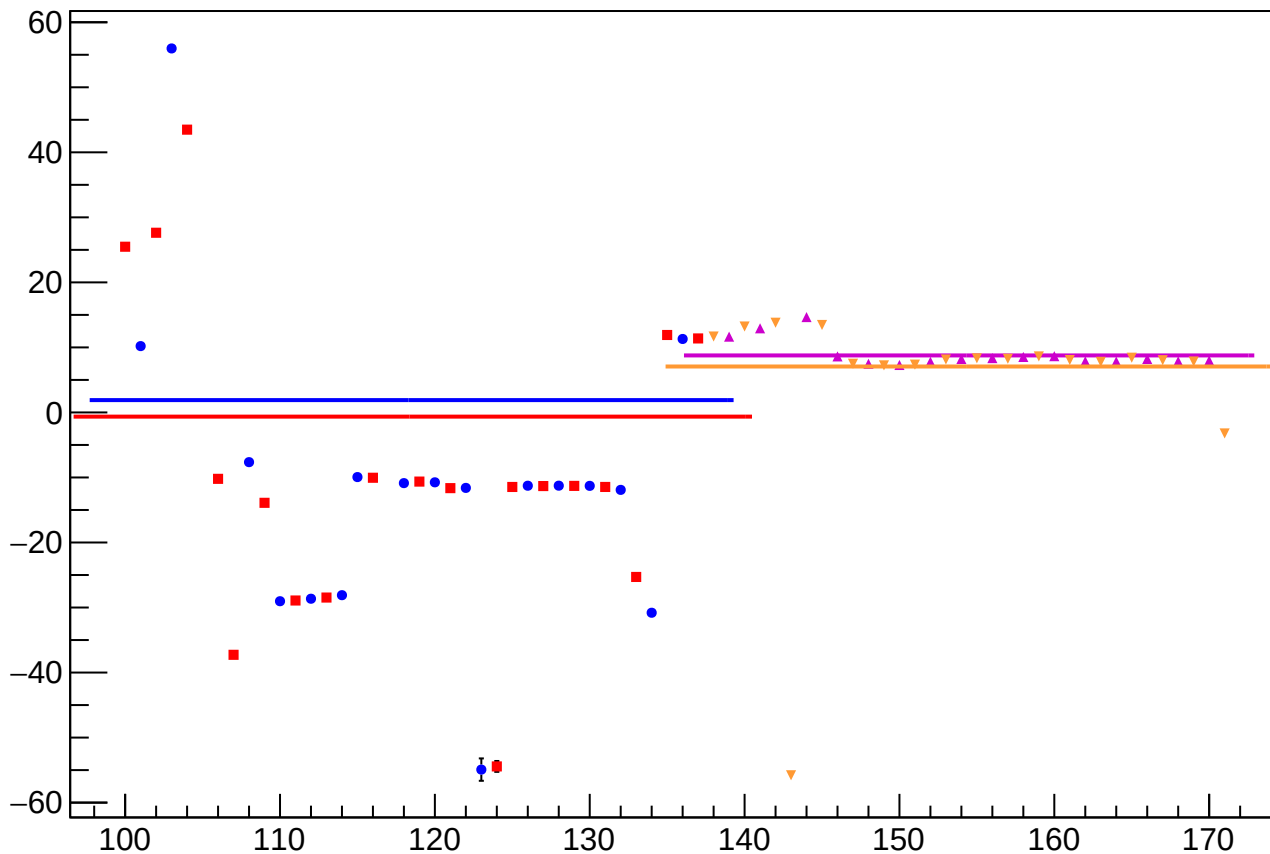
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.317 ± 0.287 $\chi^2/\text{NDF}: 987.2/32$

Out: 0.571 ± 0.280 $\chi^2/\text{NDF}: 1357.9/36$

All: 0.139 ± 0.200 $\chi^2/\text{NDF}: 2350.0/69$

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: 7.065 ± 0.014 χ^2/NDF : 304401.2/17

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 8.767 ± 0.015 χ^2/NDF : 15109.0/15

Left: 7.899 ± 0.010 χ^2/NDF : 326477.7/33

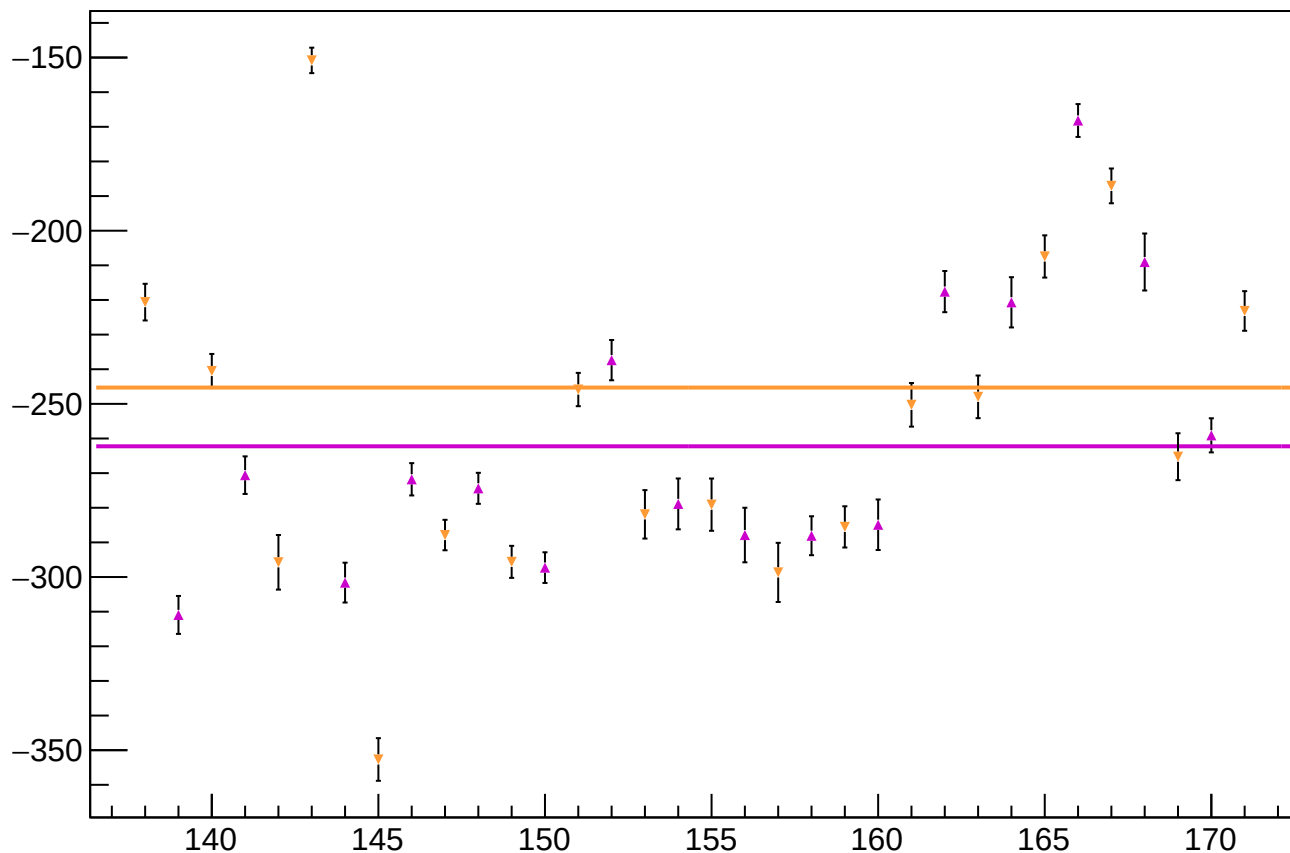
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 7.848 ± 0.014 χ^2/NDF : 403765.2/32

Out: 6.067 ± 0.013 χ^2/NDF : 703713.6/36

All: 6.943 ± 0.010 χ^2/NDF : 1116256.2/69

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: -245.288+/-1.307 χ^2/NDF :1570.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -262.252+/-1.405 χ^2/NDF :791.9/15

Left: -253.157+/-0.957 χ^2/NDF : 2440.4/33

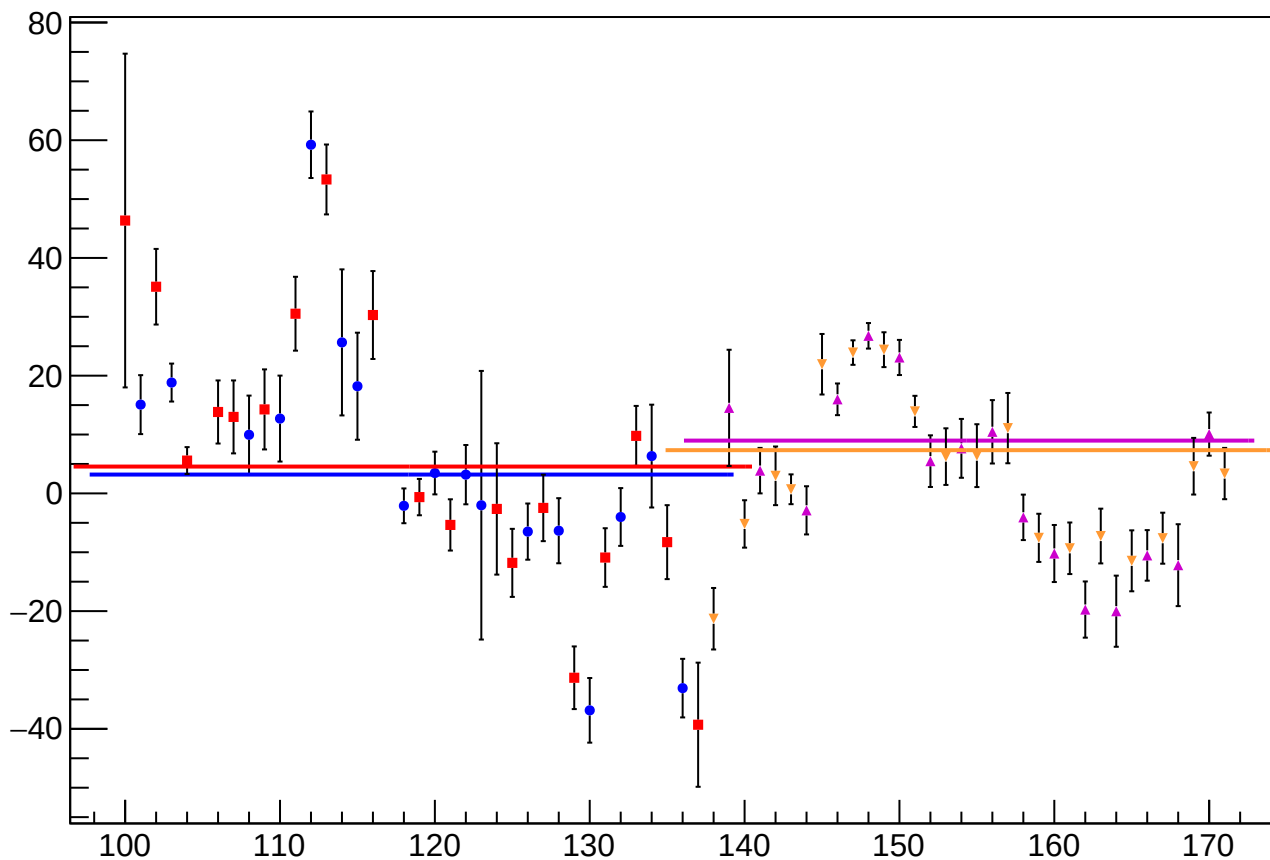
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.252+/-1.405 χ^2/NDF :791.9/15

Out: -245.288+/-1.307 χ^2/NDF :1570.3/17

All: -253.157+/-0.957 χ^2/NDF : 2440.4/33

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2 /NDF: 255.2/16

Left Out: 7.342 $\pm$ 0.887 χ^2 /NDF:222.6/17

Right Out: 4.558 $\pm$ 1.158 χ^2 /NDF: 223.9/18

Left In: 8.970 $\pm$ 0.973 χ^2 /NDF:223.8/15

Left: 8.081 $\pm$ 0.656 χ^2 /NDF: 448.0/33

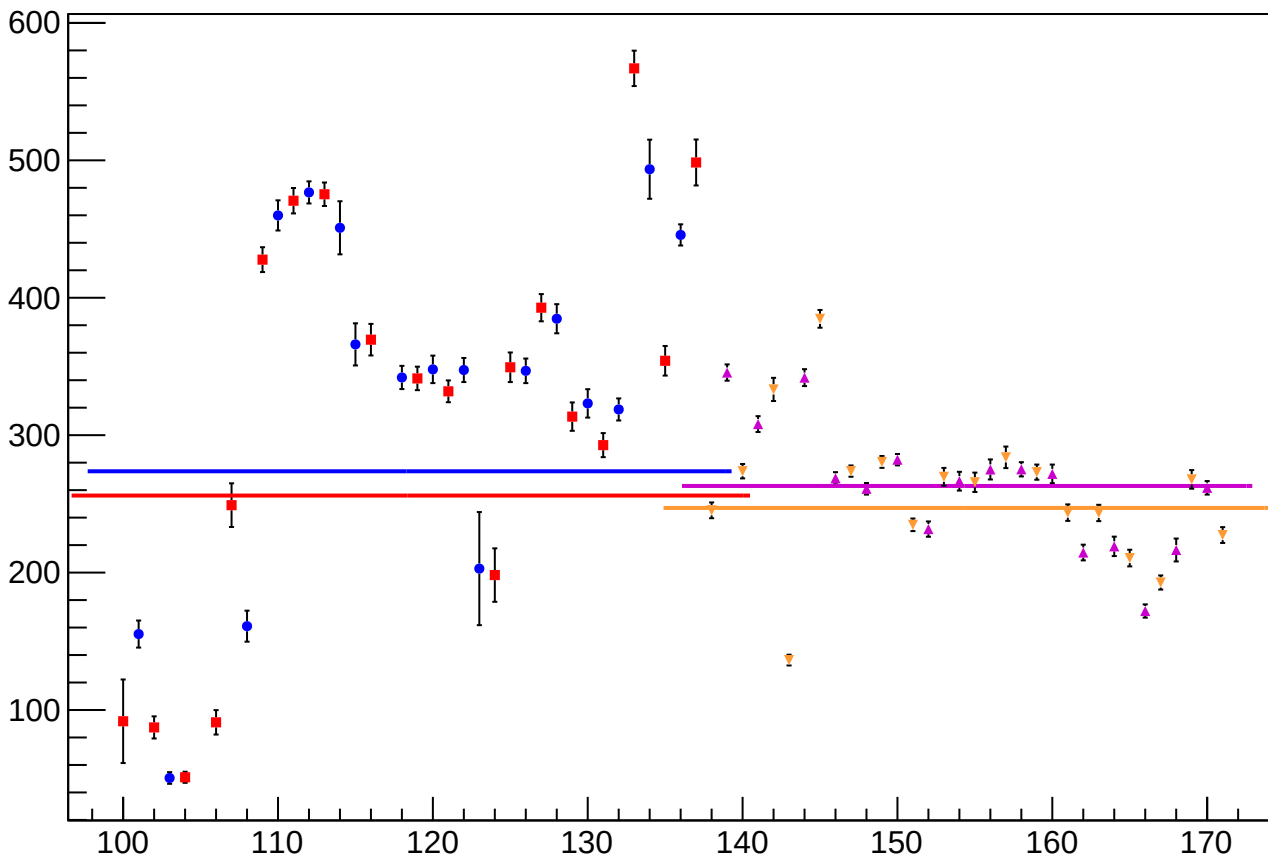
Right: 3.919 $\pm$ 0.842 χ^2 /NDF: 479.7/35

In: 6.743 $\pm$ 0.762 χ^2 /NDF:492.6/32

Out: 6.313 $\pm$ 0.704 χ^2 /NDF:450.2/36

All: 6.510 $\pm$ 0.517 χ^2 /NDF: 942.9/69

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: 247.056 $\pm$ 1.295 χ^2 /NDF:1725.2/17

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 263.041 $\pm$ 1.373 χ^2 /NDF:980.0/15

Left: 254.581 $\pm$ 0.942 χ^2 /NDF: 2776.9/33

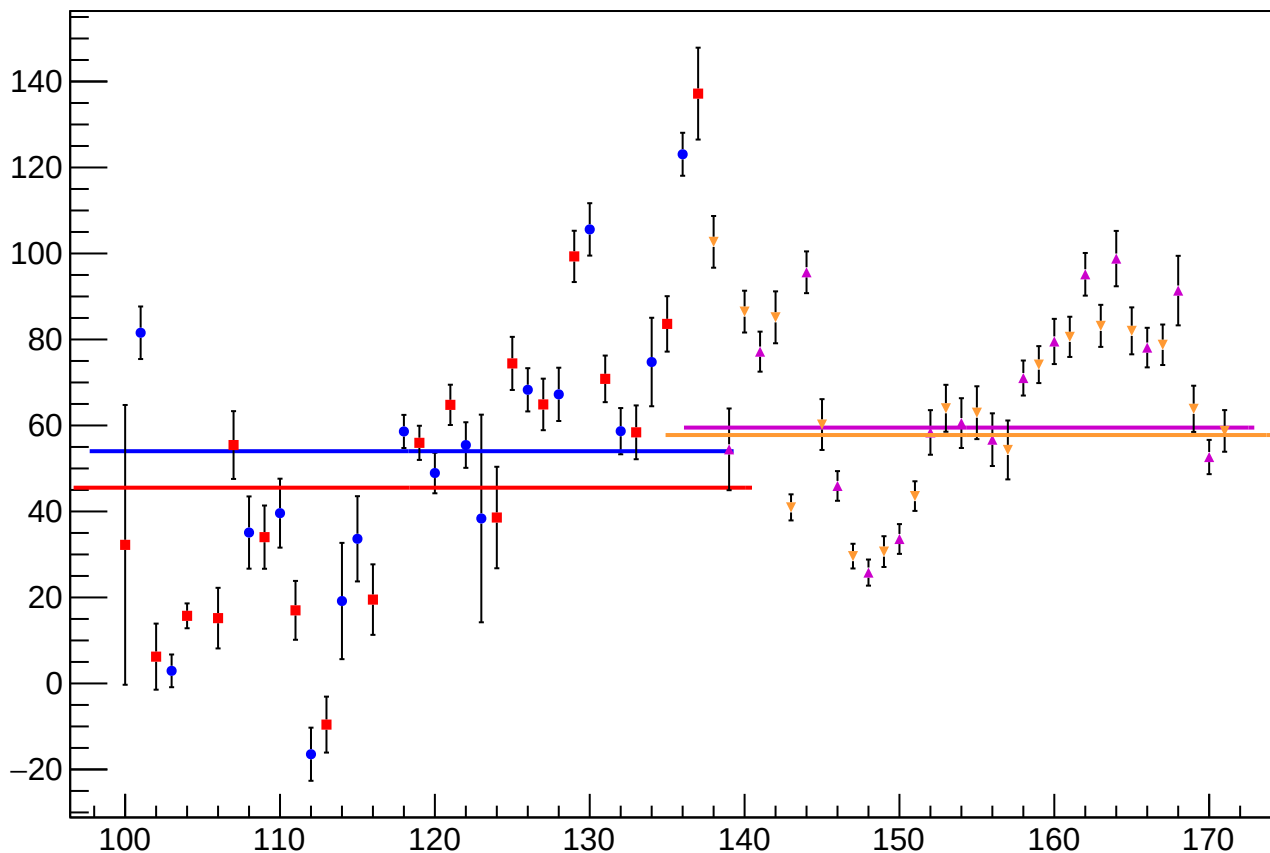
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 266.044 $\pm$ 1.164 χ^2 /NDF:6100.3/32

Out: 249.571 $\pm$ 1.099 χ^2 /NDF:8179.7/36

All: 257.336 $\pm$ 0.799 χ^2 /NDF: 14385.9/69

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: 57.774 $\pm$ 1.056 χ^2 /NDF:421.2/17

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 59.504 $\pm$ 1.150 χ^2 /NDF:411.3/15

Left: 58.565 $\pm$ 0.778 χ^2 /NDF: 833.7/33

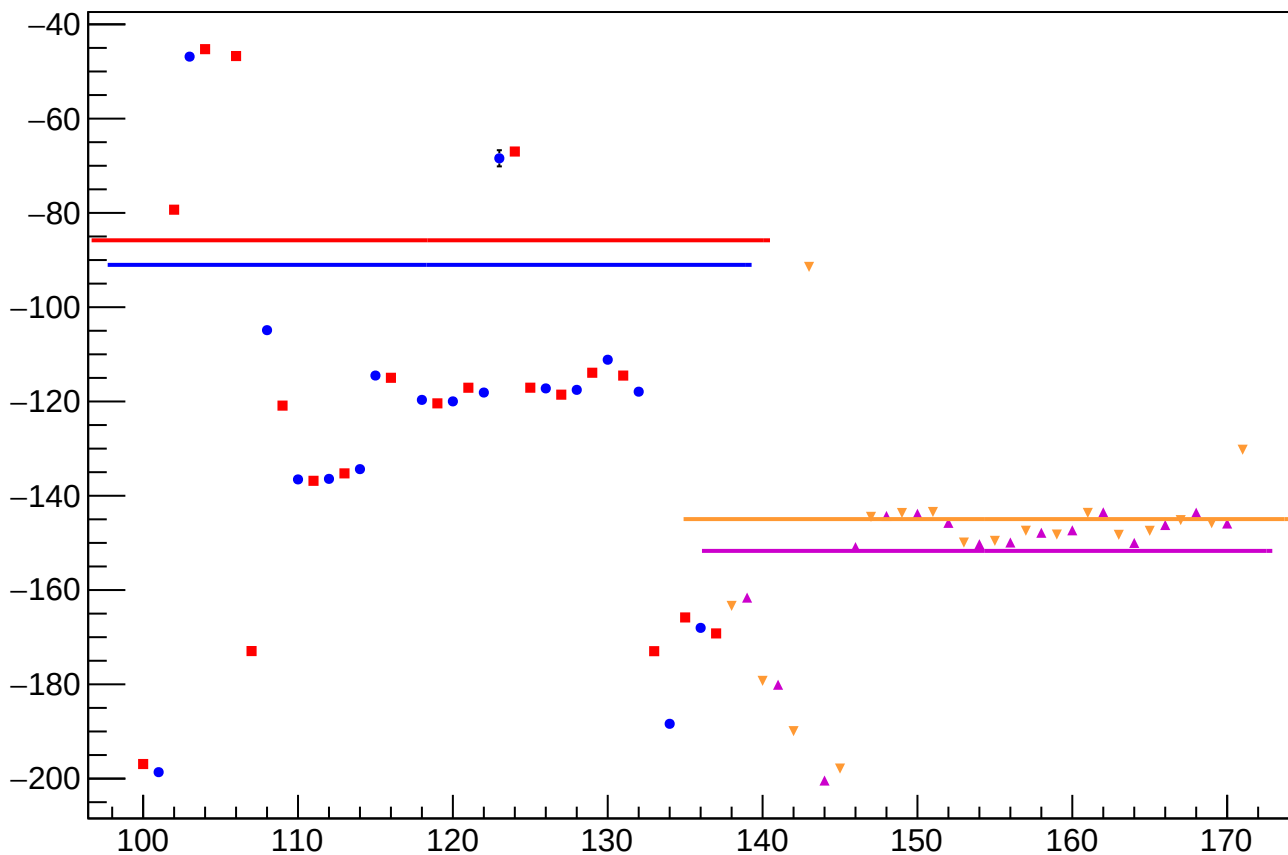
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.335 $\pm$ 0.895 χ^2 /NDF:1053.1/32

Out: 53.158 $\pm$ 0.833 χ^2 /NDF:998.7/36

All: 55.098 $\pm$ 0.610 χ^2 /NDF: 2063.5/69

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: -144.950 ± 0.052 $\chi^2/\text{NDF}: 211273.2/17$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -151.695 ± 0.055 $\chi^2/\text{NDF}: 58632.1/15$

Left: -148.132 ± 0.038 $\chi^2/\text{NDF}: 277939.8/33$

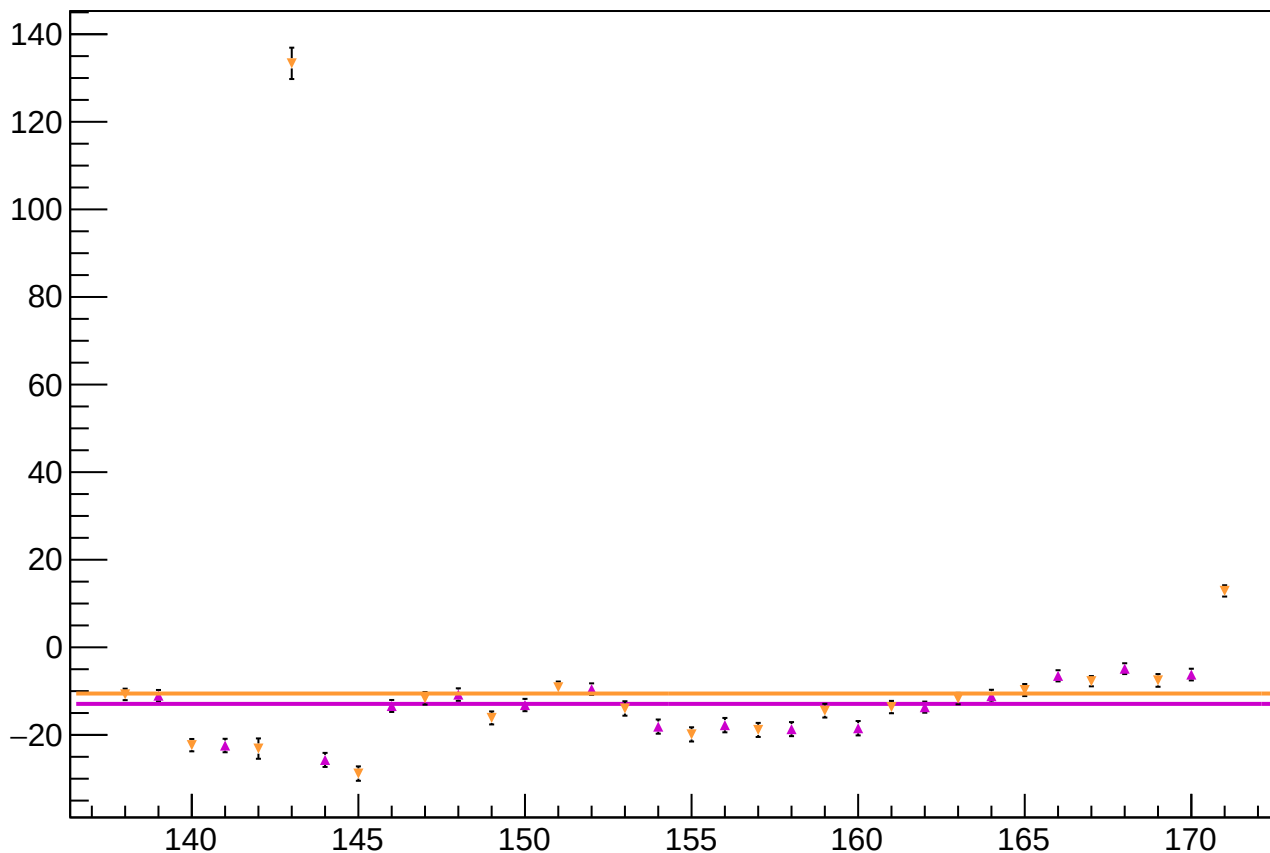
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.690 ± 0.043 $\chi^2/\text{NDF}: 1080003.5/32$

Out: -122.052 ± 0.040 $\chi^2/\text{NDF}: 1214120.0/36$

All: -124.732 ± 0.029 $\chi^2/\text{NDF}: 2303350.9/69$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -10.551 ± 0.350 $\chi^2/\text{NDF}: 2268.0/17$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -12.915 ± 0.355 $\chi^2/\text{NDF}: 250.3/15$

Left: -11.715 ± 0.249 $\chi^2/\text{NDF}: 2540.8/33$

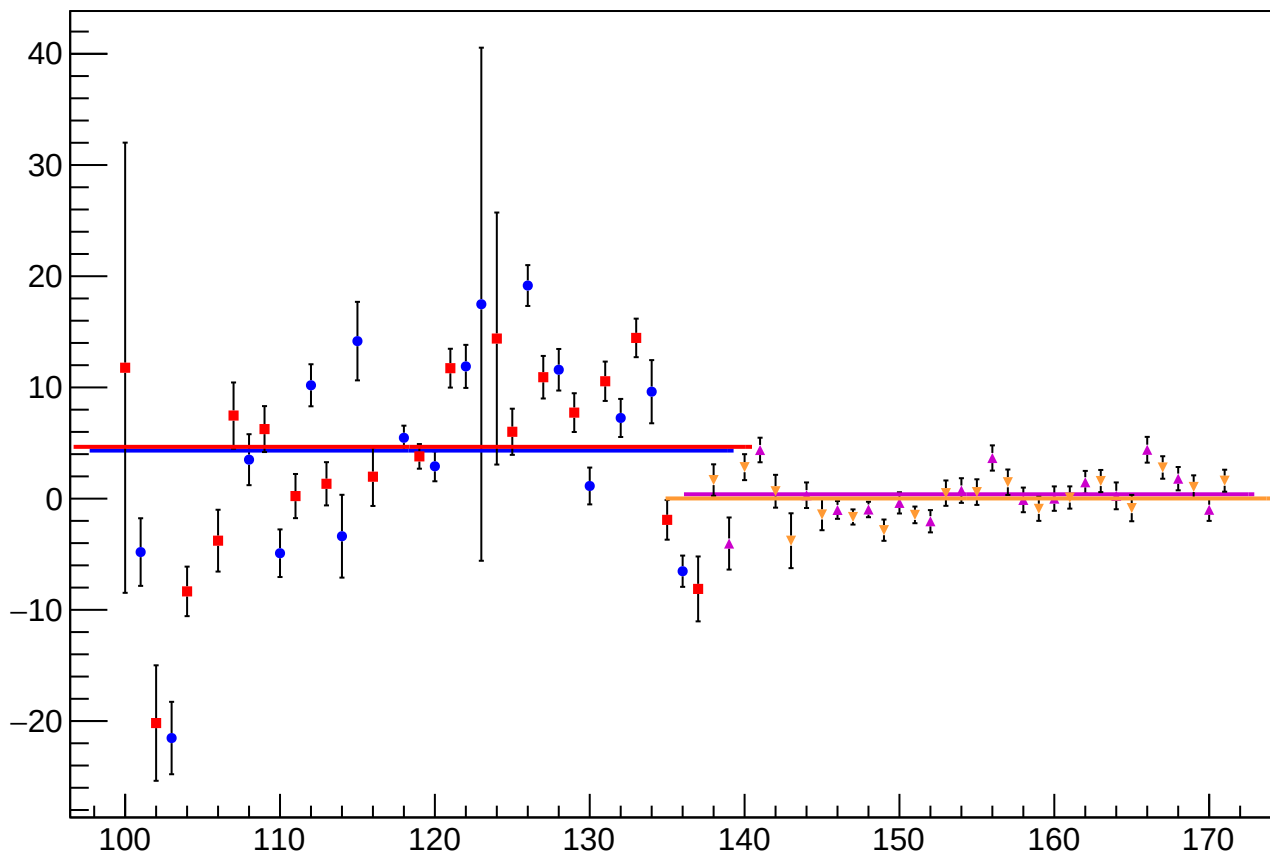
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -12.915 ± 0.355 $\chi^2/\text{NDF}: 250.3/15$

Out: -10.551 ± 0.350 $\chi^2/\text{NDF}: 2268.0/17$

All: -11.715 ± 0.249 $\chi^2/\text{NDF}: 2540.8/33$

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: 0.016 $\pm$ 0.249 χ^2 /NDF: 46.5/17

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 0.390 $\pm$ 0.258 χ^2 /NDF: 55.5/15

Left: 0.196 $\pm$ 0.179 χ^2 /NDF: 103.2/33

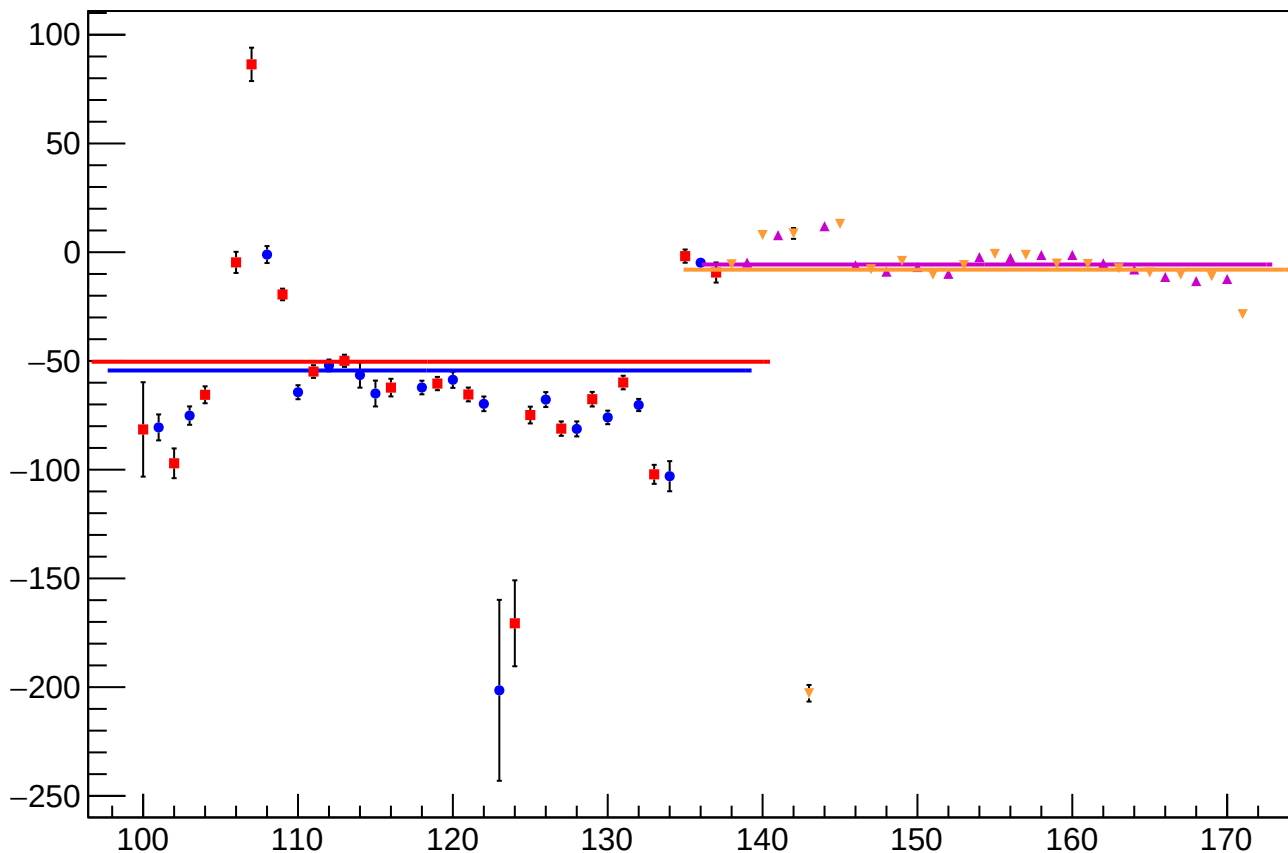
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 1.315 $\pm$ 0.226 χ^2 /NDF: 390.4/32

Out: 1.018 $\pm$ 0.220 χ^2 /NDF: 306.3/36

All: 1.163 $\pm$ 0.158 χ^2 /NDF: 697.6/69

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: -8.028 ± 0.344 $\chi^2/\text{NDF}: 3233.4/17$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -5.648 ± 0.348 $\chi^2/\text{NDF}: 301.8/15$

Left: -6.852 ± 0.244 $\chi^2/\text{NDF}: 3558.9/33$

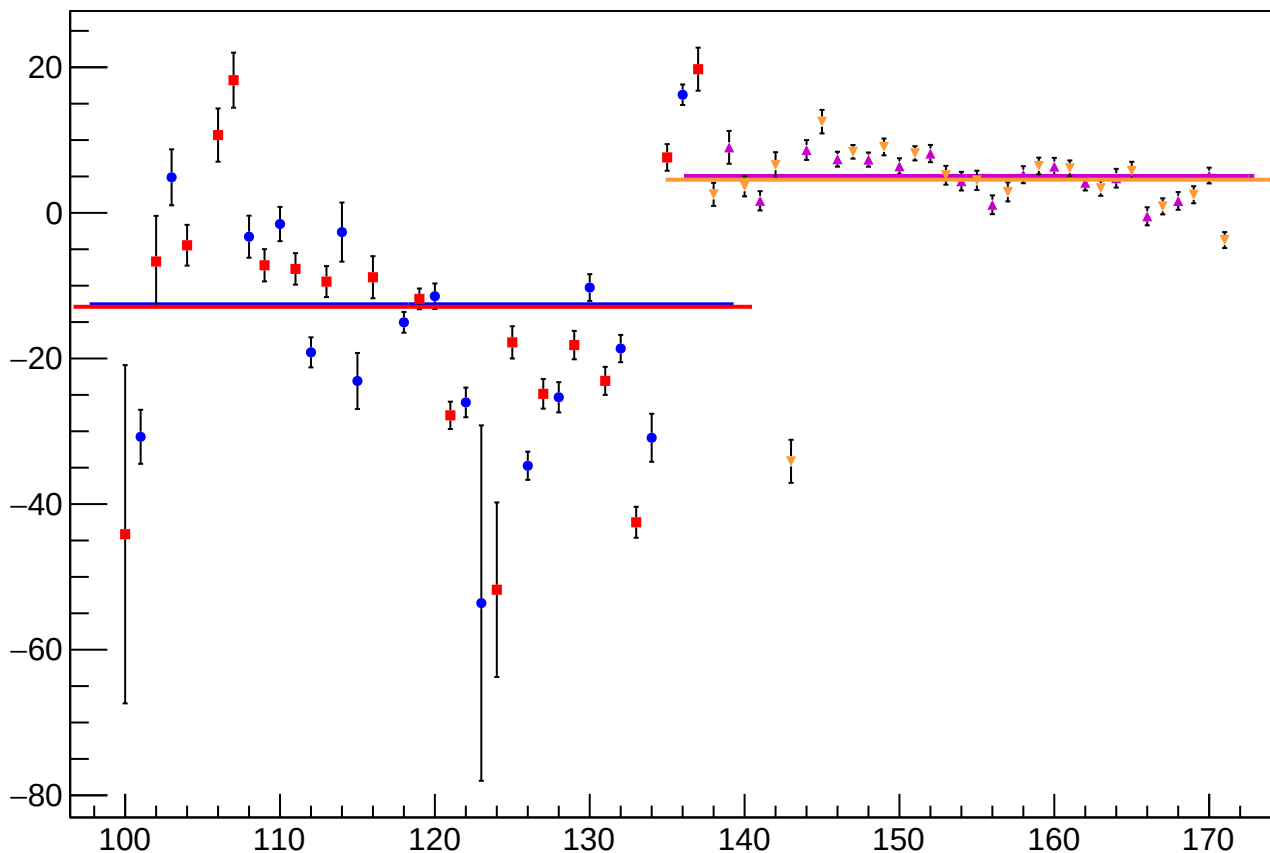
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.437 ± 0.323 $\chi^2/\text{NDF}: 4051.6/32$

Out: -13.888 ± 0.319 $\chi^2/\text{NDF}: 6654.3/36$

All: -13.170 ± 0.227 $\chi^2/\text{NDF}: 10716.2/69$

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: 4.559 ± 0.289 χ^2/NDF : 324.8/17

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.066 ± 0.299 χ^2/NDF : 74.8/15

Left: 4.803 ± 0.208 χ^2/NDF : 401.1/33

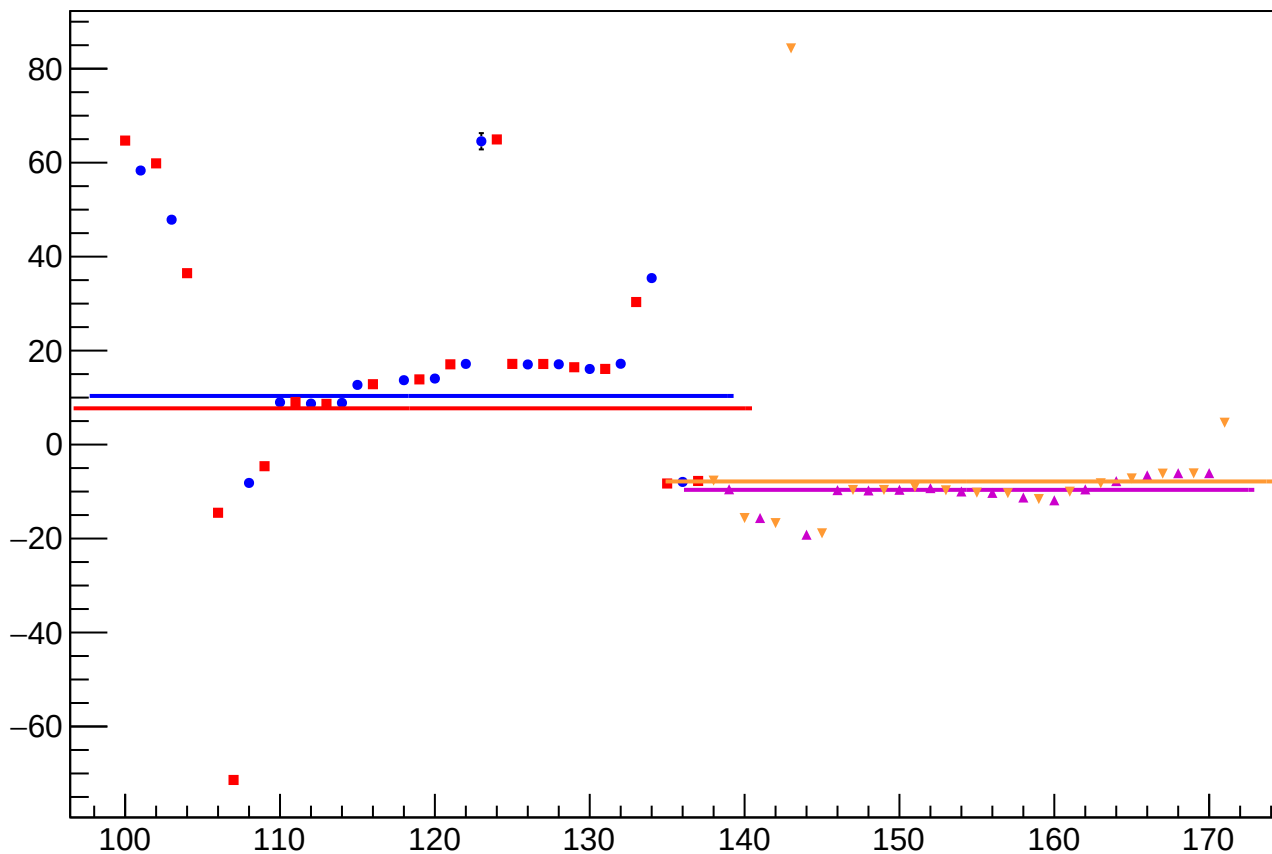
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.823 ± 0.261 χ^2/NDF : 1689.6/32

Out: 0.658 ± 0.254 χ^2/NDF : 1870.4/36

All: 0.738 ± 0.182 χ^2/NDF : 3560.2/69

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: -7.848+/-0.013 χ^2/NDF :500221.7/17

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -9.637+/-0.014 χ^2/NDF :41981.9/15

Left: -8.726+/-0.010 χ^2/NDF : 551018.2/33

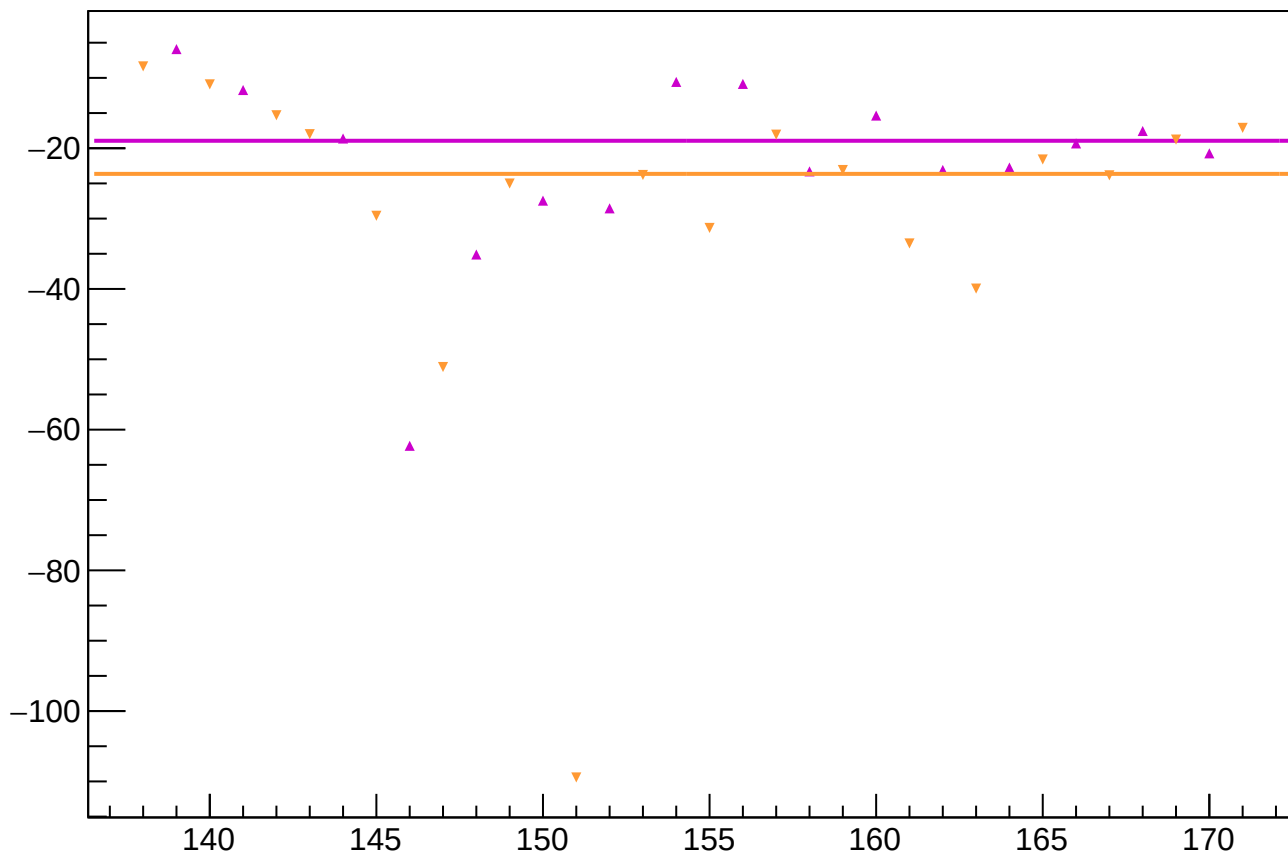
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -6.338+/-0.012 χ^2/NDF :779535.5/32

Out: -5.447+/-0.012 χ^2/NDF :1254827.0/36

All: -5.887+/-0.009 χ^2/NDF : 2036966.0/69

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: -23.645+/-0.056 χ^2/NDF : 59157.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.939+/-0.050 χ^2/NDF : 38014.4/15

Left: -21.066+/-0.037 χ^2/NDF : 101110.1/33

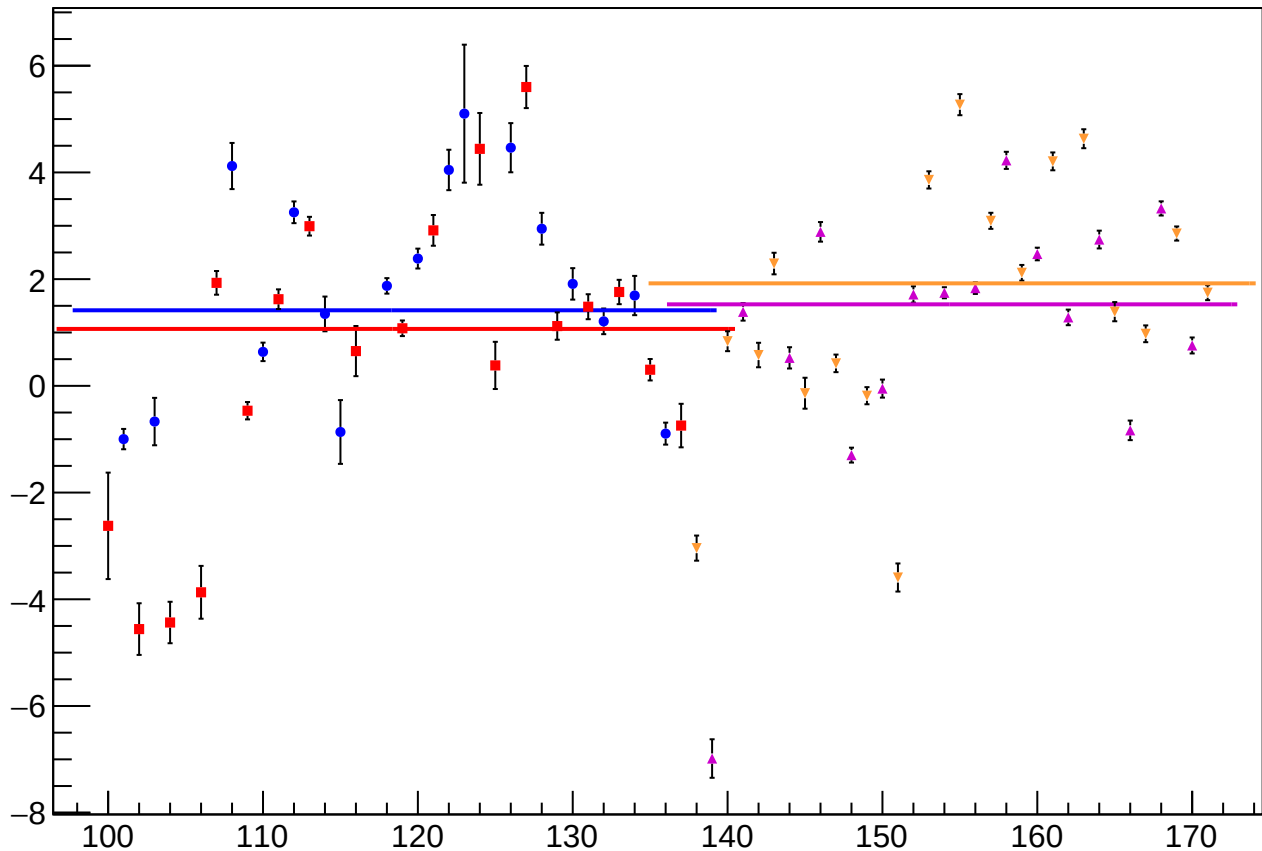
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.939+/-0.050 χ^2/NDF : 38014.4/15

Out: -23.645+/-0.056 χ^2/NDF : 59157.7/17

All: -21.066+/-0.037 χ^2/NDF : 101110.1/33

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.921 ± 0.041 χ^2/NDF : 2268.8/17

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 1.528 ± 0.037 χ^2/NDF : 1924.5/15

Left: 1.704 ± 0.027 χ^2/NDF : 4243.9/33

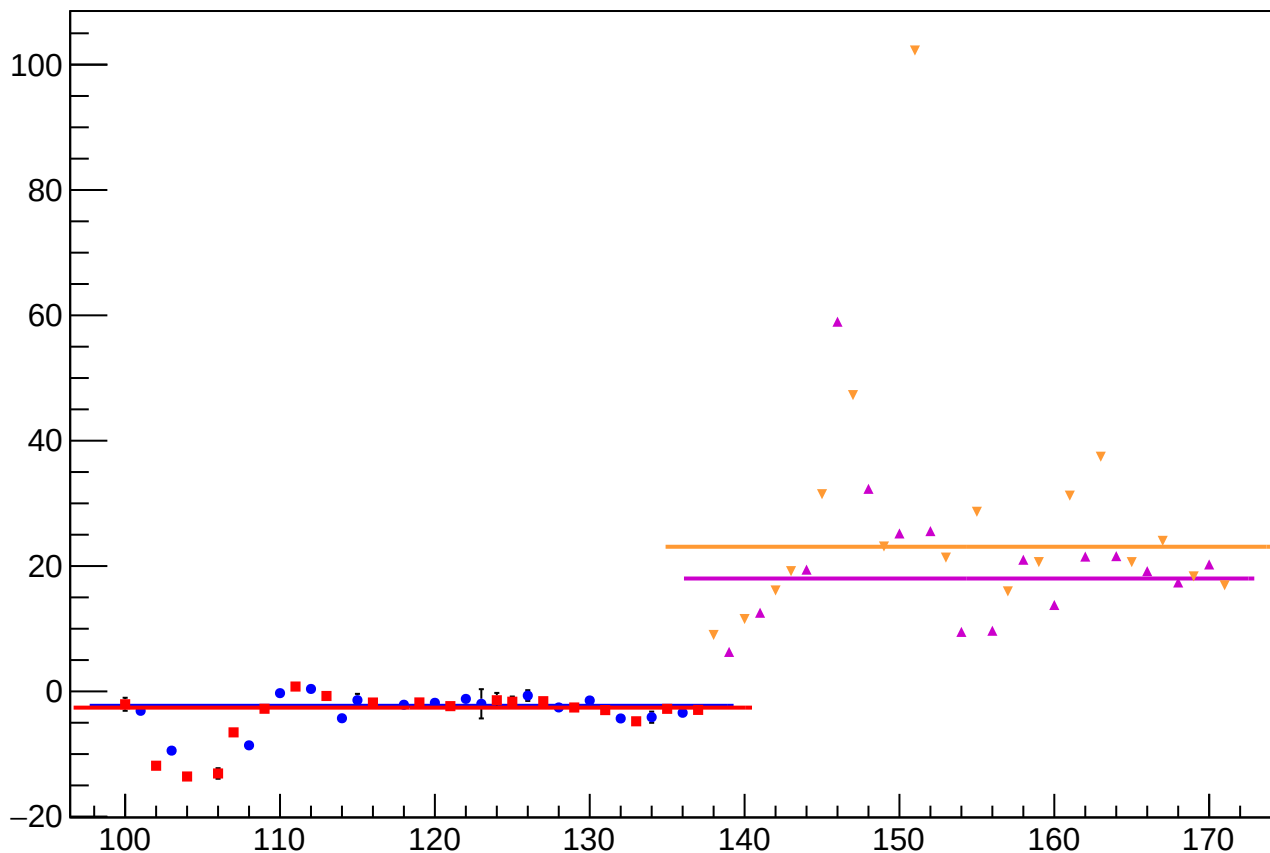
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.498 ± 0.032 χ^2/NDF : 2558.1/32

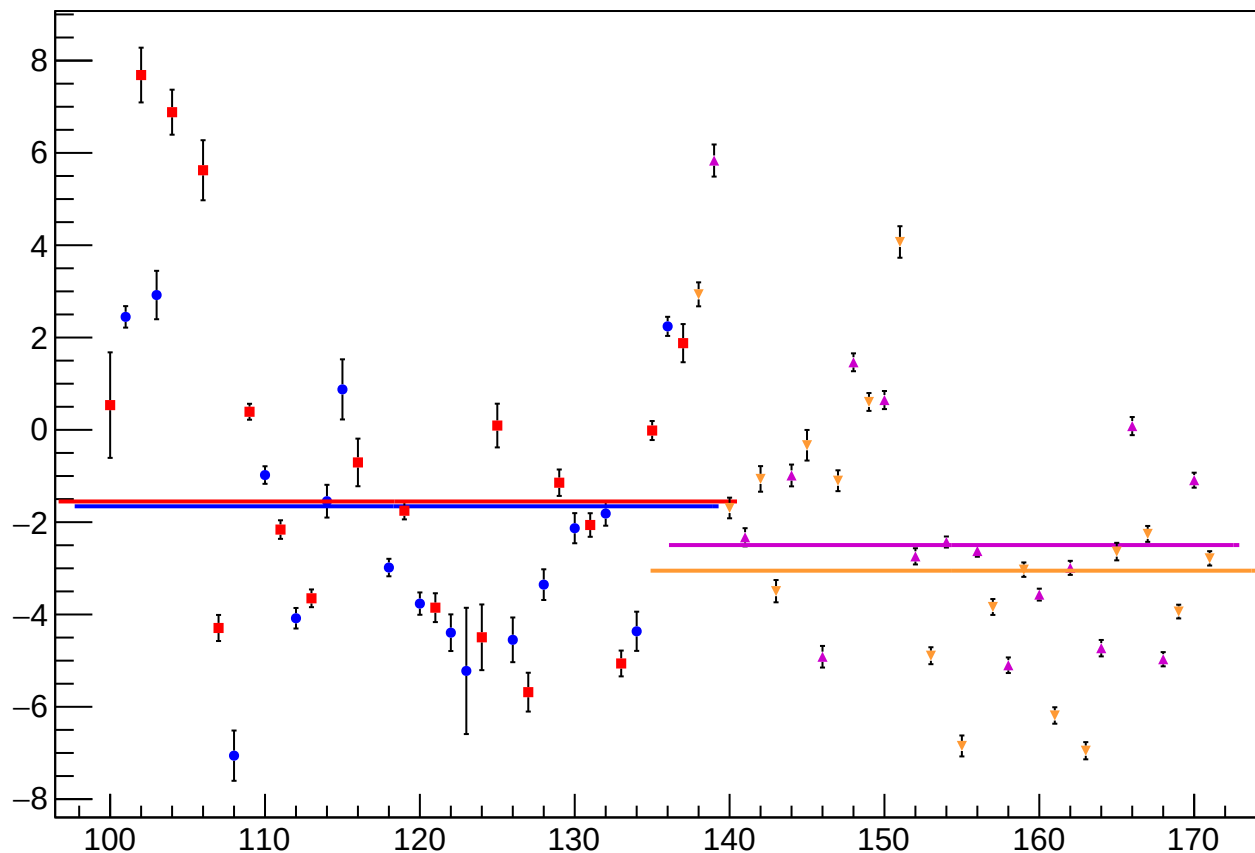
Out: 1.636 ± 0.034 χ^2/NDF : 3342.8/36

All: 1.563 ± 0.023 χ^2/NDF : 5909.9/69

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -3.051 ± 0.047 χ^2/NDF : 2770.7/17

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.496 ± 0.042 χ^2/NDF : 2379.7/15

Left: -2.745 ± 0.031 χ^2/NDF : 5228.7/33

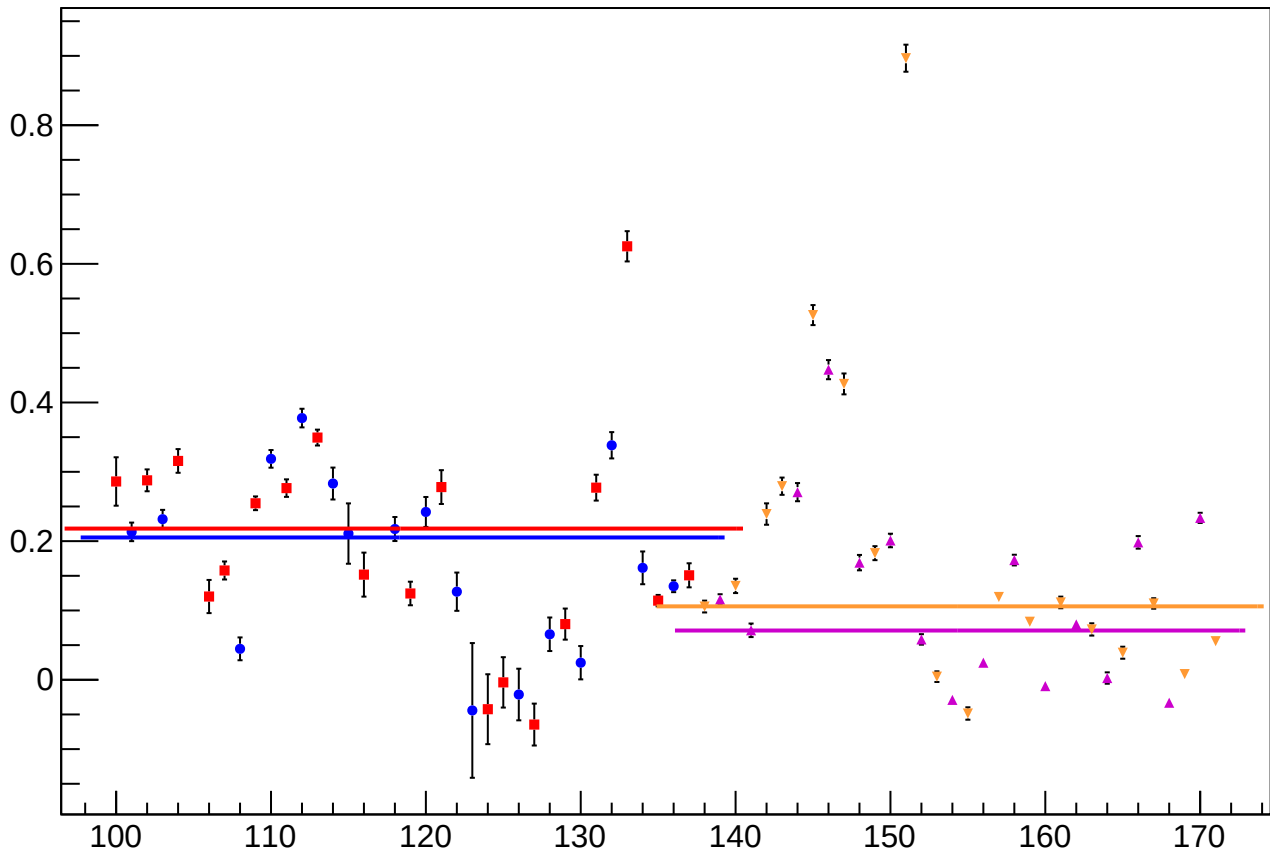
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.276 ± 0.036 χ^2/NDF : 3755.6/32

Out: -2.548 ± 0.038 χ^2/NDF : 4606.1/36

All: -2.405 ± 0.026 χ^2/NDF : 8388.8/69

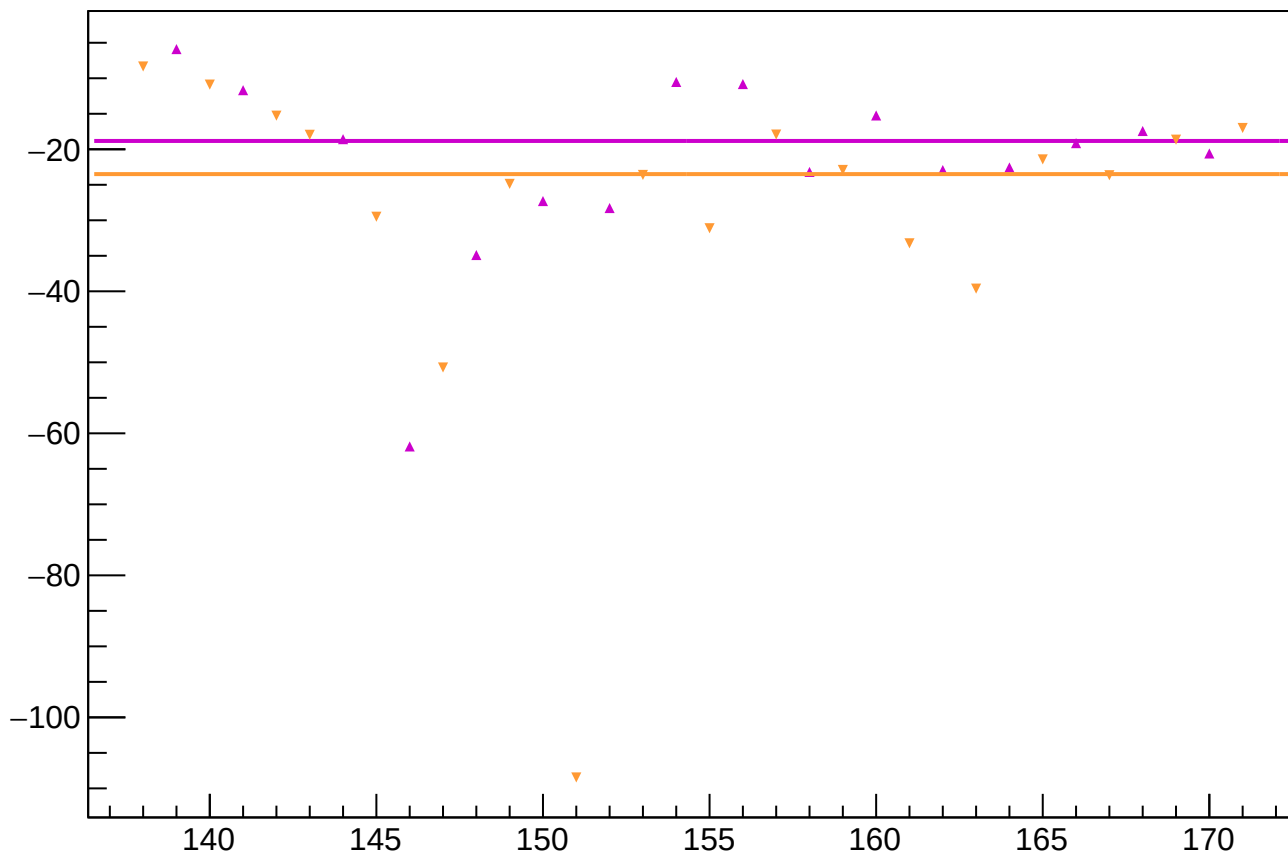
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2/NDF : 620.5/16
 Left Out: 0.106 $\pm$ 0.002 χ^2/NDF :4099.3/17
 Right Out: 0.218 $\pm$ 0.004 χ^2/NDF : 1023.2/18
 Left In: 0.071 $\pm$ 0.002 χ^2/NDF :3185.6/15

Left: 0.086 $\pm$ 0.001 χ^2/NDF : 7442.8/33
 Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1649.1/35
 In: 0.093 $\pm$ 0.002 χ^2/NDF :4685.8/32
 Out: 0.133 $\pm$ 0.002 χ^2/NDF :5823.6/36
 All: 0.111 $\pm$ 0.001 χ^2/NDF : 10772.4/69

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: -23.496+/-0.055 χ^2/NDF :58976.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.828+/-0.050 χ^2/NDF :37927.2/15

Left: -20.938+/-0.037 χ^2/NDF : 100829.0/33

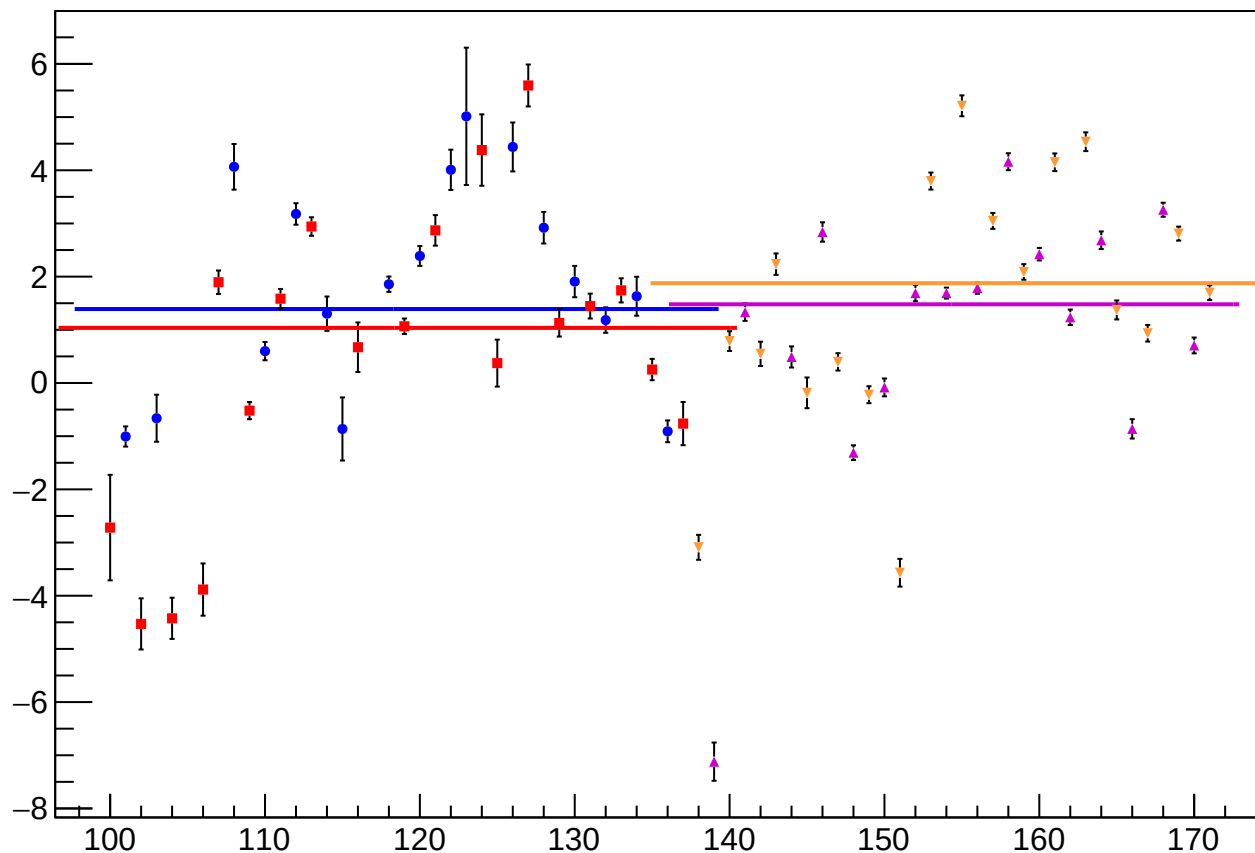
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.828+/-0.050 χ^2/NDF :37927.2/15

Out: -23.496+/-0.055 χ^2/NDF :58976.5/17

All: -20.938+/-0.037 χ^2/NDF : 100829.0/33

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: 1.878 ± 0.041 $\chi^2/\text{NDF}: 2268.4/17$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 1.480 ± 0.037 $\chi^2/\text{NDF}: 1935.6/15$

Left: 1.658 ± 0.027 $\chi^2/\text{NDF}: 4256.3/33$

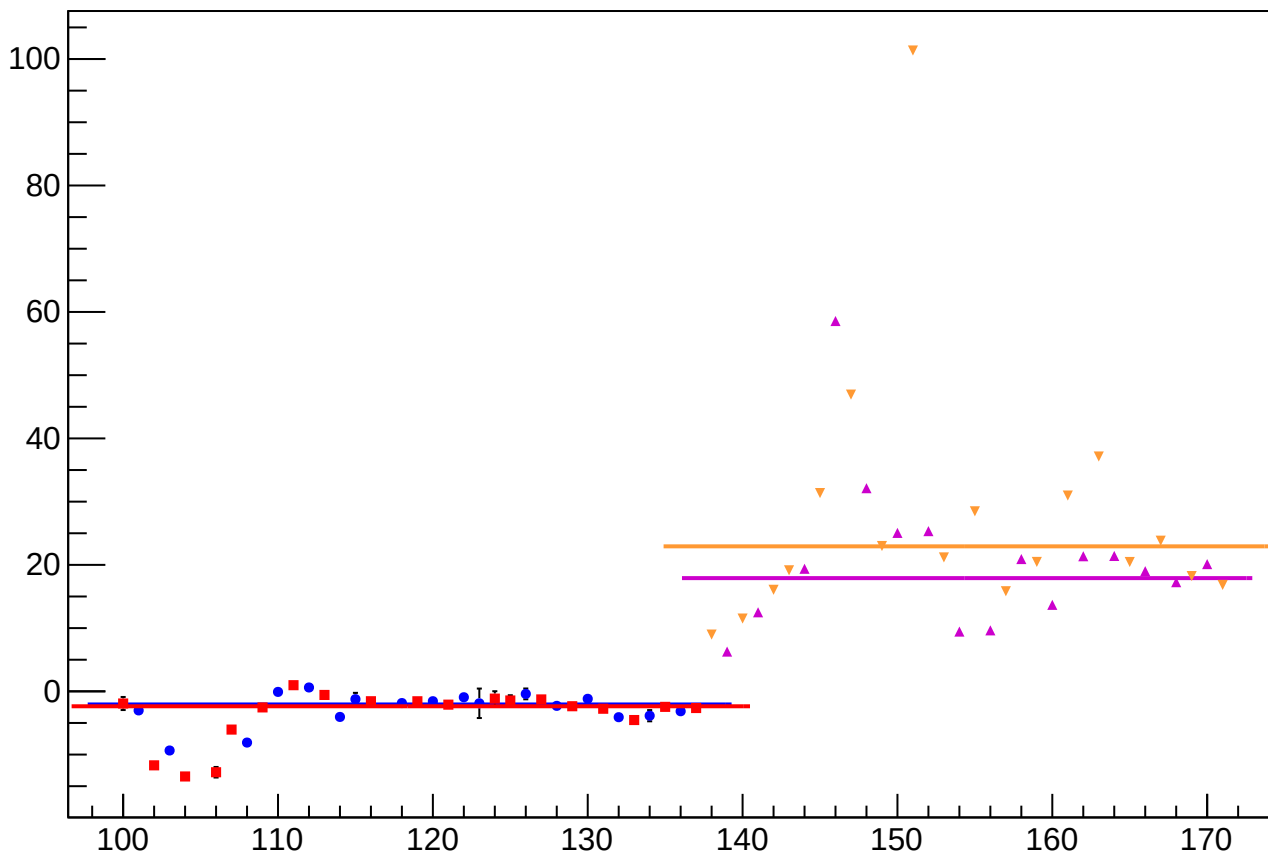
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 1.456 ± 0.031 $\chi^2/\text{NDF}: 2566.3/32$

Out: 1.598 ± 0.033 $\chi^2/\text{NDF}: 3343.9/36$

All: 1.523 ± 0.023 $\chi^2/\text{NDF}: 5919.8/69$

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: 22.931 ± 0.054 χ^2/NDF : 52820.6/17

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.906 ± 0.049 χ^2/NDF : 35819.6/15

Left: 20.138 ± 0.036 χ^2/NDF : 93378.6/33

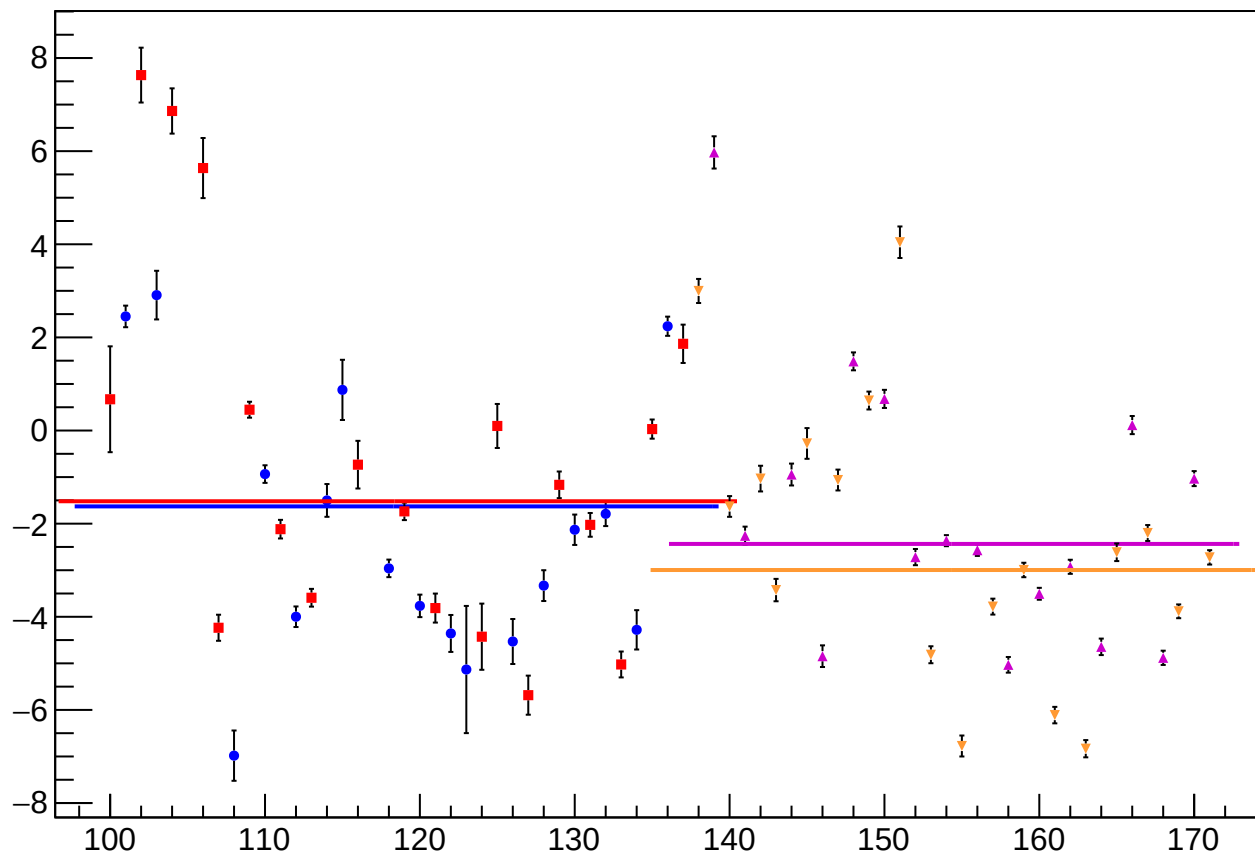
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.651 ± 0.045 χ^2/NDF : 63739.6/32

Out: 16.997 ± 0.048 χ^2/NDF : 104391.7/36

All: 15.745 ± 0.033 χ^2/NDF : 169427.1/69

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: -2.996 ± 0.046 χ^2/NDF : 2769.1/17

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.435 ± 0.042 χ^2/NDF : 2391.6/15

Left: -2.687 ± 0.031 χ^2/NDF : 5241.5/33

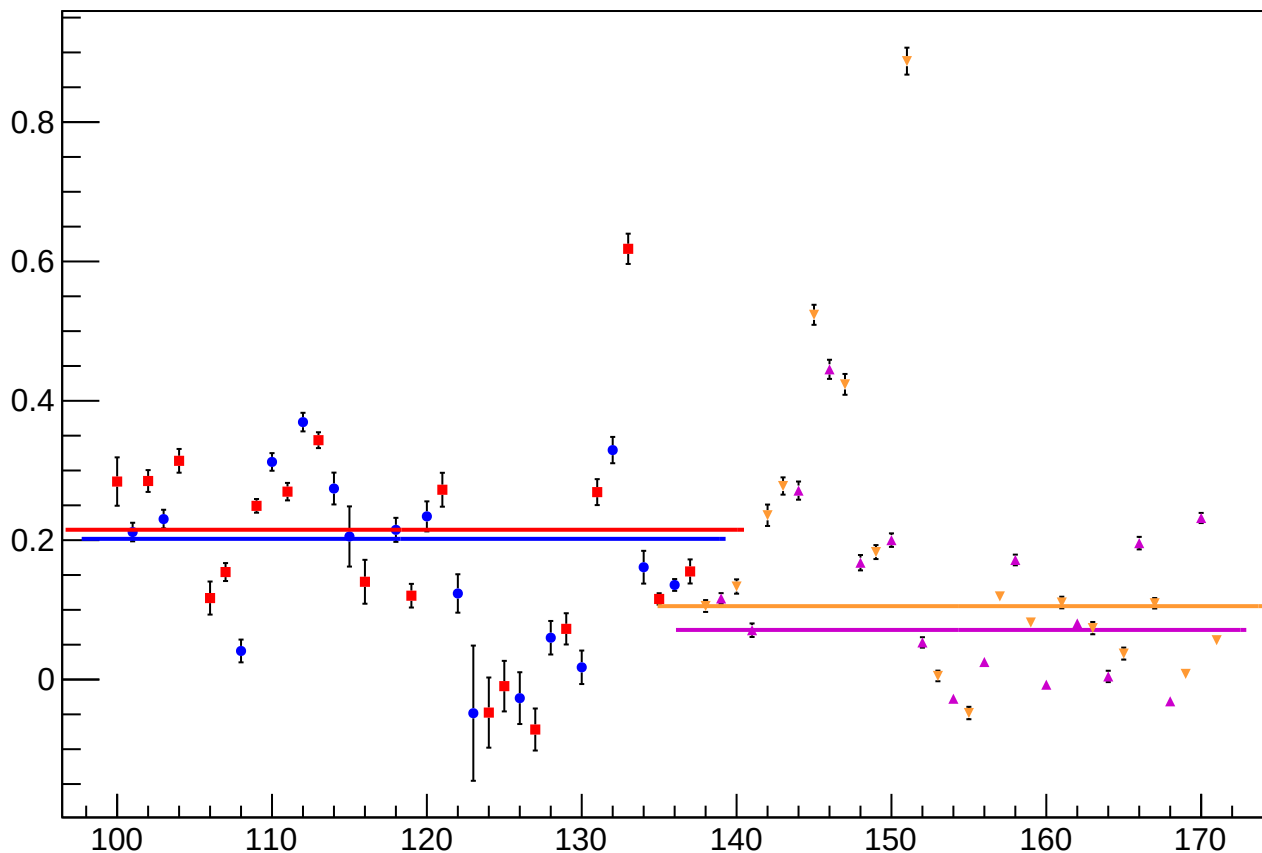
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.224 ± 0.036 χ^2/NDF : 3755.5/32

Out: -2.502 ± 0.038 χ^2/NDF : 4601.4/36

All: -2.356 ± 0.026 χ^2/NDF : 8385.3/69

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.105 $\pm$ 0.002 χ^2 /NDF: 4091.8/17

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 3161.7/15

Left: 0.086 $\pm$ 0.001 χ^2 /NDF: 7406.7/33

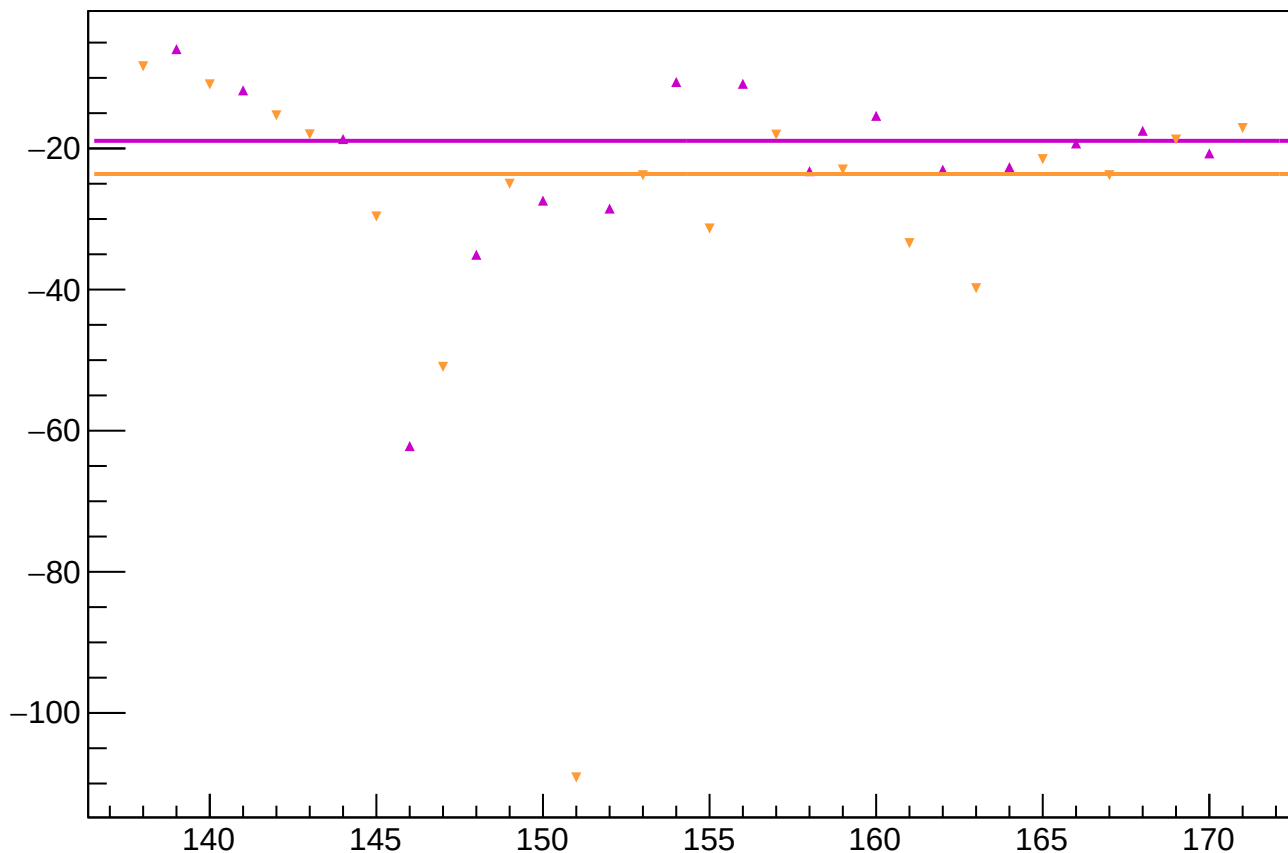
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.093 $\pm$ 0.002 χ^2 /NDF: 4609.0/32

Out: 0.132 $\pm$ 0.002 χ^2 /NDF: 5774.2/36

All: 0.111 $\pm$ 0.001 χ^2 /NDF: 10639.1/69

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: -23.622+/-0.055 χ^2/NDF :59100.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.920+/-0.050 χ^2/NDF :37988.1/15

Left: -21.045+/-0.037 χ^2/NDF : 101039.2/33

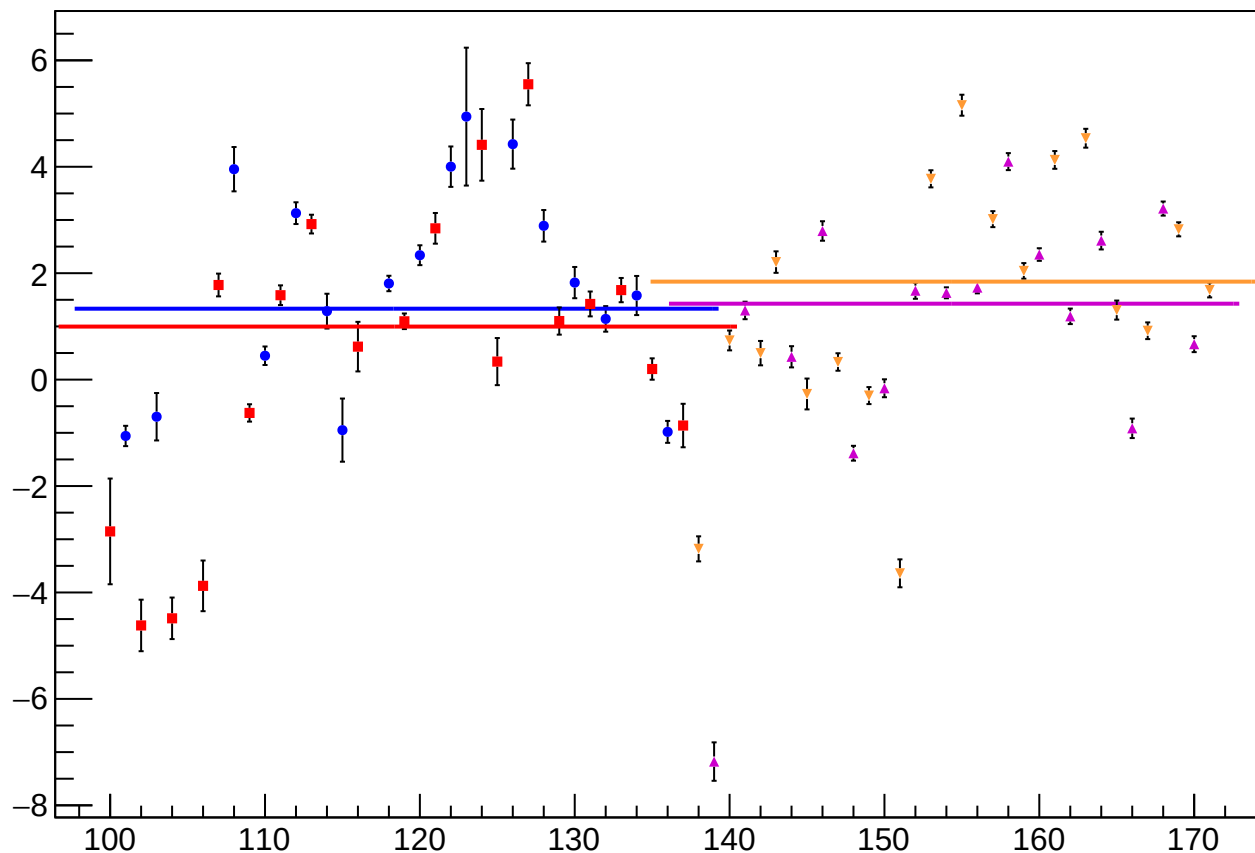
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.920+/-0.050 χ^2/NDF :37988.1/15

Out: -23.622+/-0.055 χ^2/NDF :59100.0/17

All: -21.045+/-0.037 χ^2/NDF : 101039.2/33

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.842 ± 0.041 χ^2/NDF : 2290.5/17

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 1.427 ± 0.037 χ^2/NDF : 1924.9/15

Left: 1.613 ± 0.027 χ^2/NDF : 4272.0/33

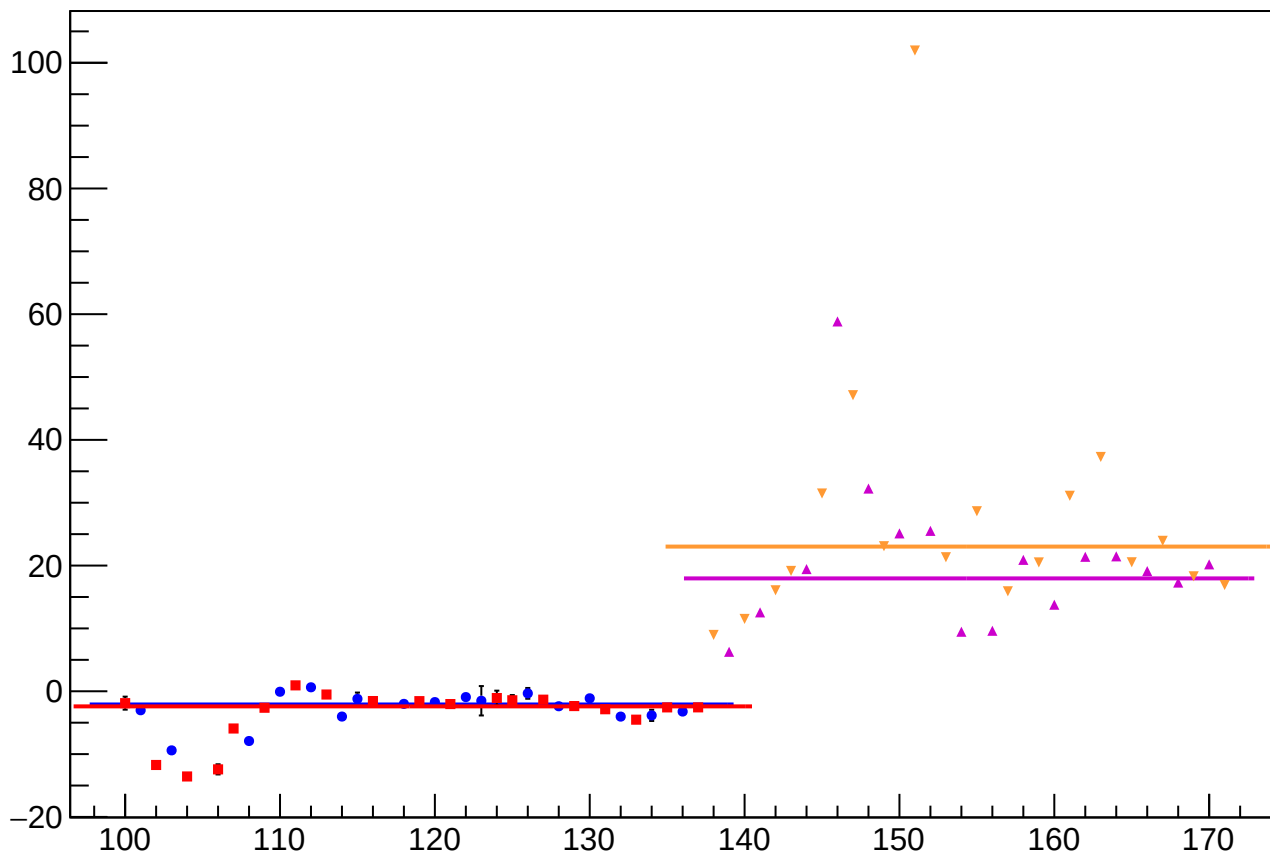
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.402 ± 0.032 χ^2/NDF : 2561.2/32

Out: 1.560 ± 0.033 χ^2/NDF : 3377.5/36

All: 1.476 ± 0.023 χ^2/NDF : 5950.6/69

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: 23.022 ± 0.055 $\chi^2/\text{NDF}: 52928.5/17$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 17.958 ± 0.049 $\chi^2/\text{NDF}: 35891.6/15$

Left: 20.206 ± 0.036 $\chi^2/\text{NDF}: 93593.4/33$

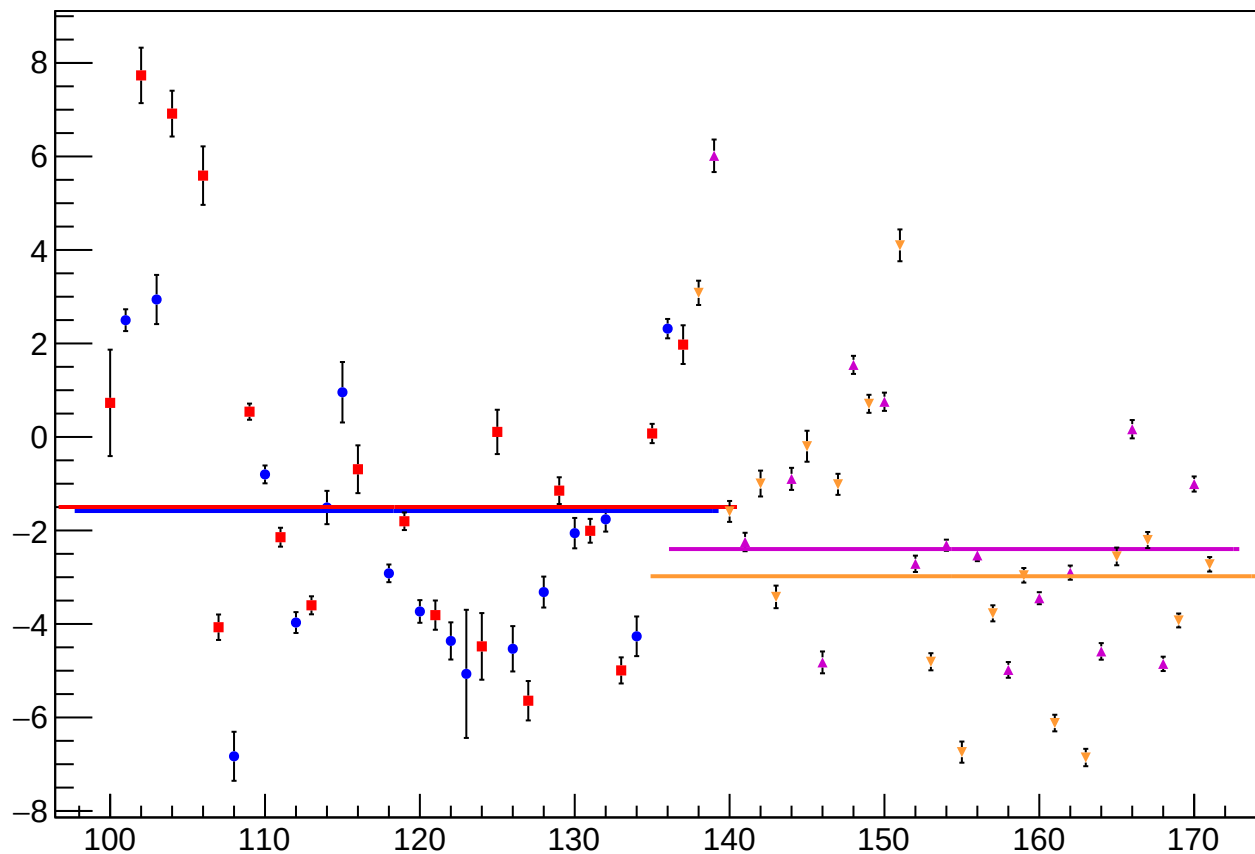
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 14.699 ± 0.045 $\chi^2/\text{NDF}: 63752.5/32$

Out: 17.062 ± 0.048 $\chi^2/\text{NDF}: 104547.7/36$

All: 15.801 ± 0.033 $\chi^2/\text{NDF}: 169604.5/69$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.979 ± 0.046 χ^2/NDF : 2797.4/17

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -2.398 ± 0.042 χ^2/NDF : 2380.9/15

Left: -2.658 ± 0.031 χ^2/NDF : 5264.6/33

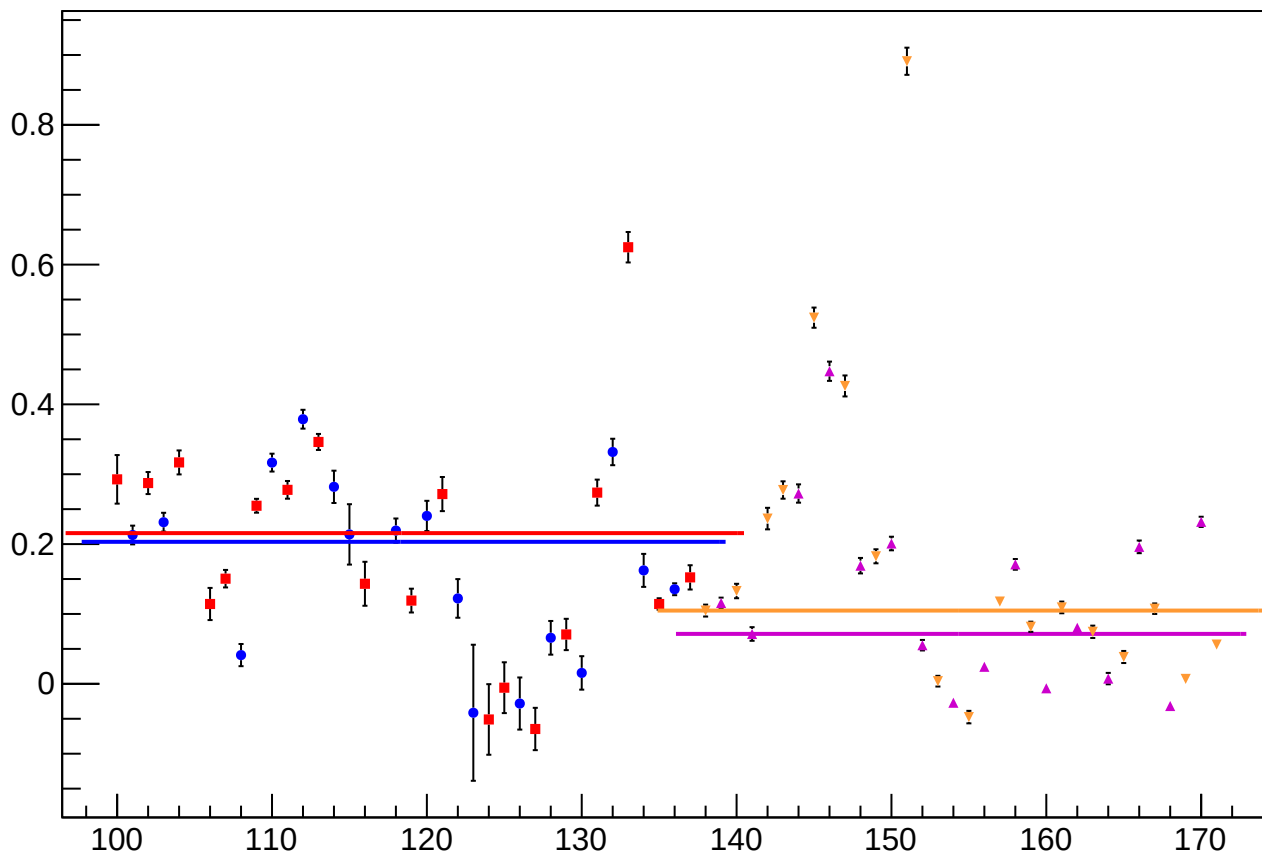
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -2.185 ± 0.036 χ^2/NDF : 3751.5/32

Out: -2.484 ± 0.038 χ^2/NDF : 4641.1/36

All: -2.327 ± 0.026 χ^2/NDF : 8425.2/69

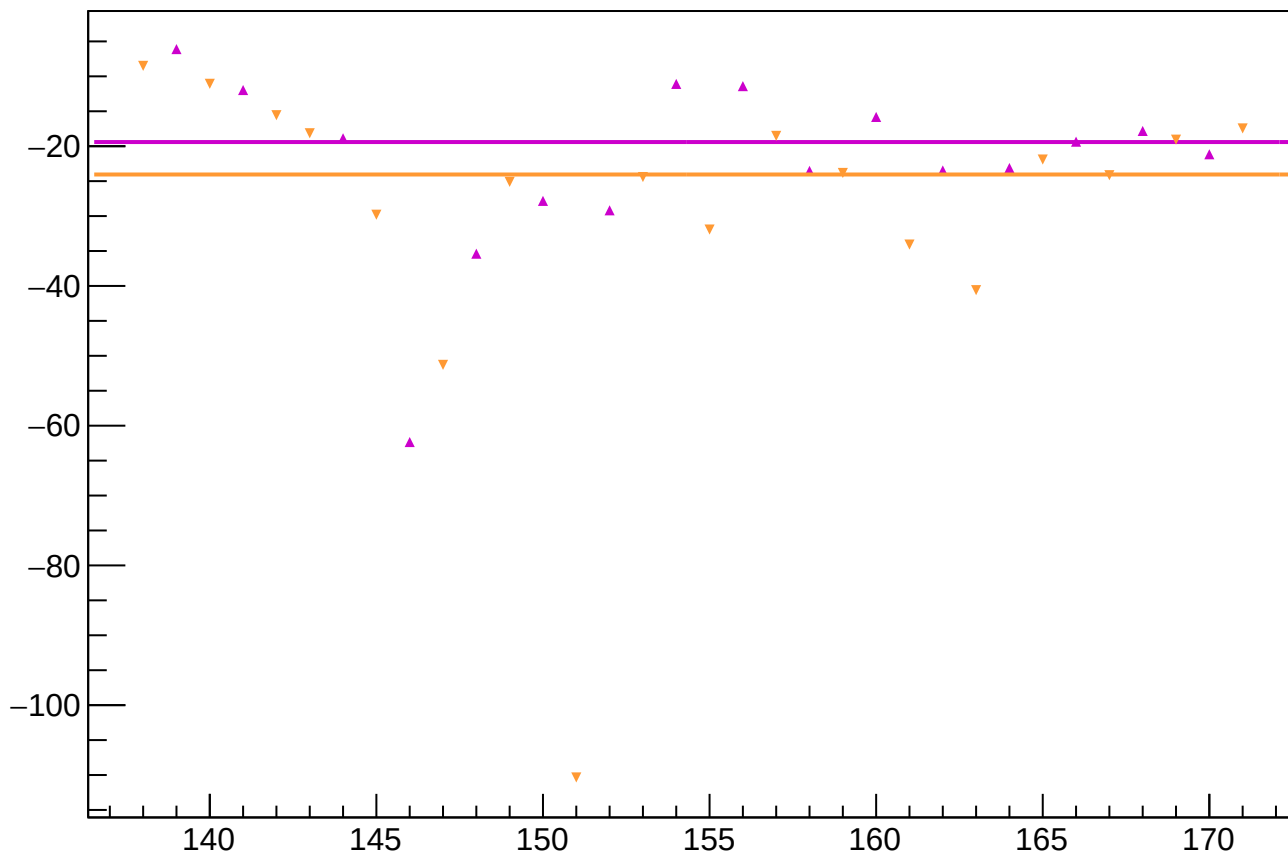
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16
 Left Out: 0.105 ± 0.002 χ^2/NDF : 4079.8/17
 Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18
 Left In: 0.071 ± 0.002 χ^2/NDF : 3140.6/15

Left: 0.086 ± 0.001 χ^2/NDF : 7366.0/33
 Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35
 In: 0.093 ± 0.002 χ^2/NDF : 4623.9/32
 Out: 0.132 ± 0.002 χ^2/NDF : 5806.0/36
 All: 0.111 ± 0.001 χ^2/NDF : 10677.1/69

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: -24.049+/-0.056 χ^2/NDF : 58963.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.405+/-0.051 χ^2/NDF : 36876.5/15

Left: -21.513+/-0.038 χ^2/NDF : 99533.2/33

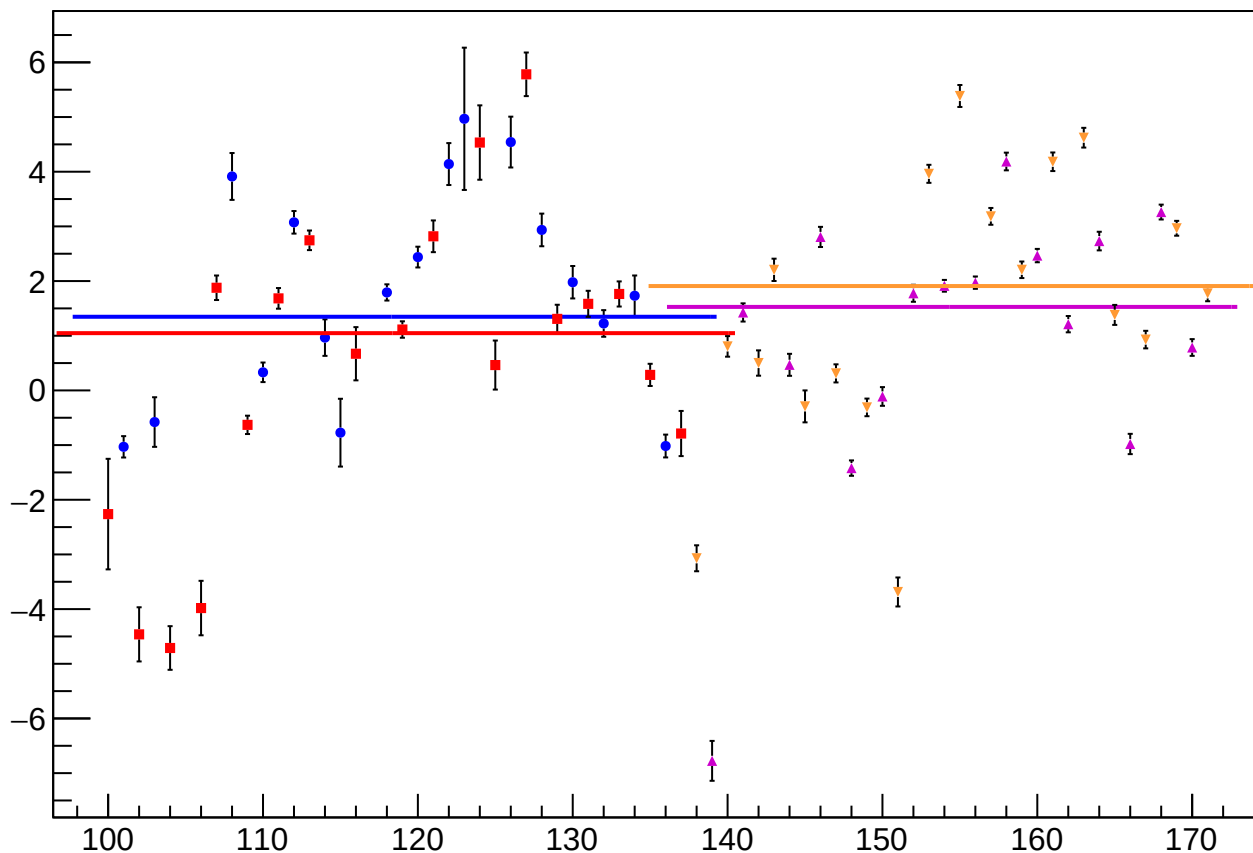
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.405+/-0.051 χ^2/NDF : 36876.5/15

Out: -24.049+/-0.056 χ^2/NDF : 58963.4/17

All: -21.513+/-0.038 χ^2/NDF : 99533.2/33

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.909 $\pm$ 0.042 χ^2 /NDF:2336.4/17

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 1.527 $\pm$ 0.038 χ^2 /NDF:1908.4/15

Left: 1.699 $\pm$ 0.028 χ^2 /NDF: 4290.7/33

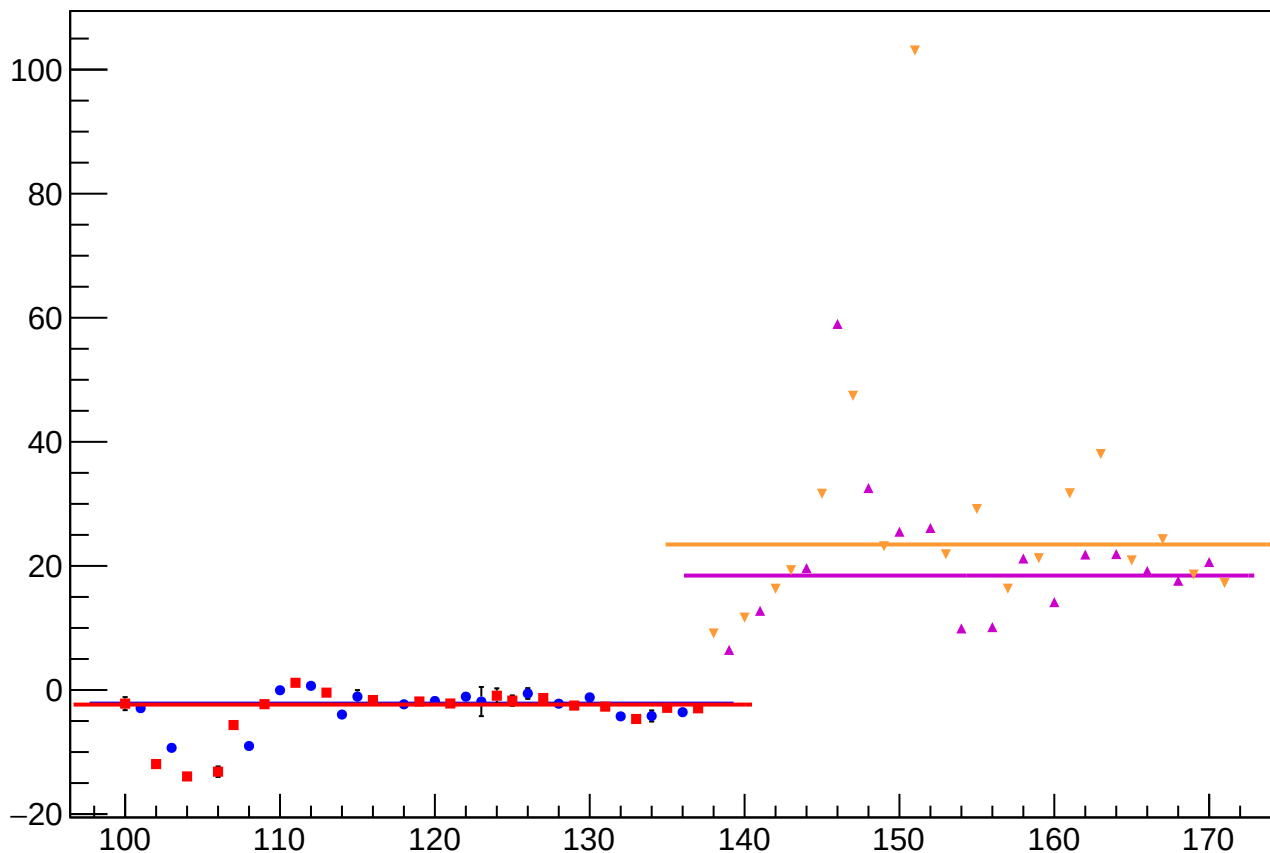
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.479 $\pm$ 0.032 χ^2 /NDF:2544.6/32

Out: 1.623 $\pm$ 0.034 χ^2 /NDF:3393.9/36

All: 1.547 $\pm$ 0.023 χ^2 /NDF: 5947.9/69

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 23.456 ± 0.056 χ^2/NDF : 52663.9/17

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 18.444 ± 0.050 χ^2/NDF : 34650.4/15

Left: 20.681 ± 0.037 χ^2/NDF : 91792.0/33

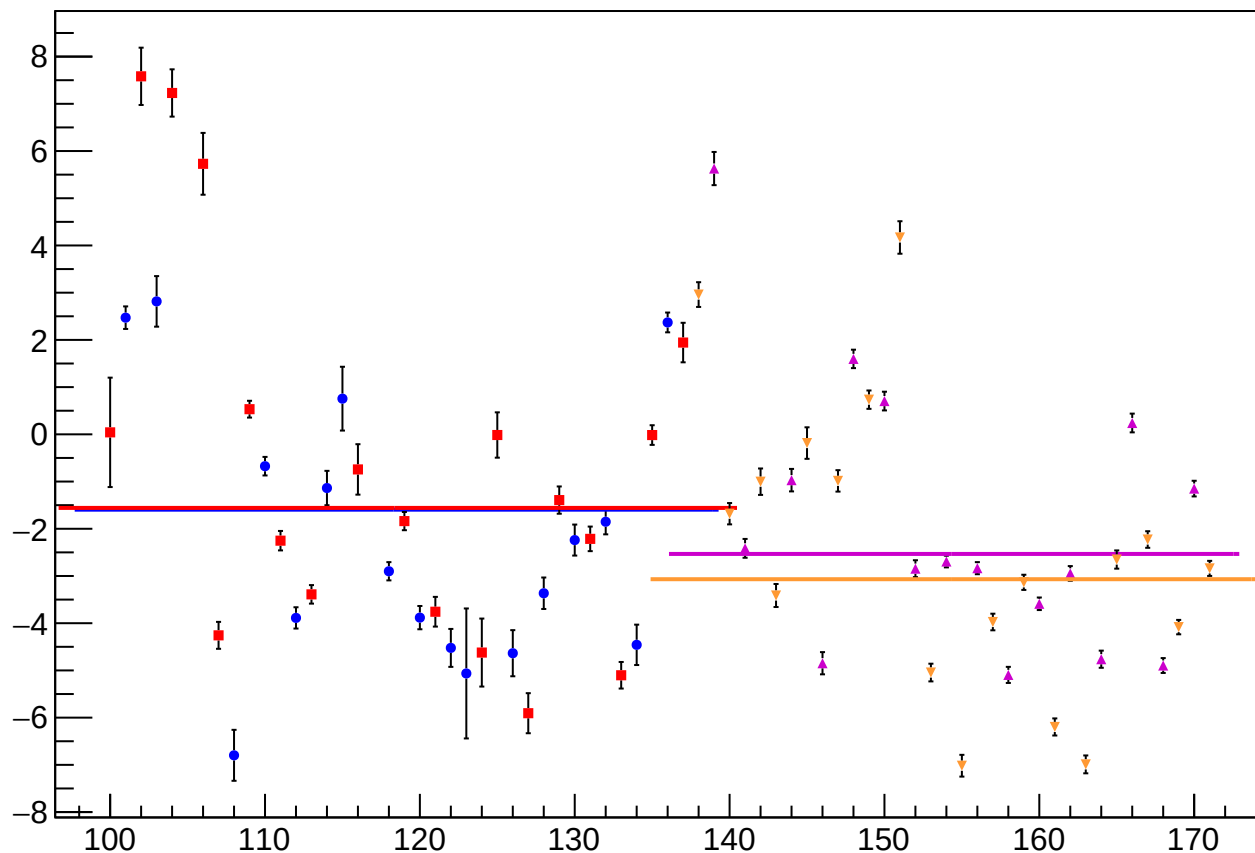
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 15.054 ± 0.046 χ^2/NDF : 63064.6/32

Out: 17.421 ± 0.049 χ^2/NDF : 103706.5/36

All: 16.161 ± 0.033 χ^2/NDF : 168024.2/69

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: -3.068 ± 0.047 χ^2/NDF : 2840.6/17

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.533 ± 0.043 χ^2/NDF : 2340.2/15

Left: -2.774 ± 0.032 χ^2/NDF : 5250.8/33

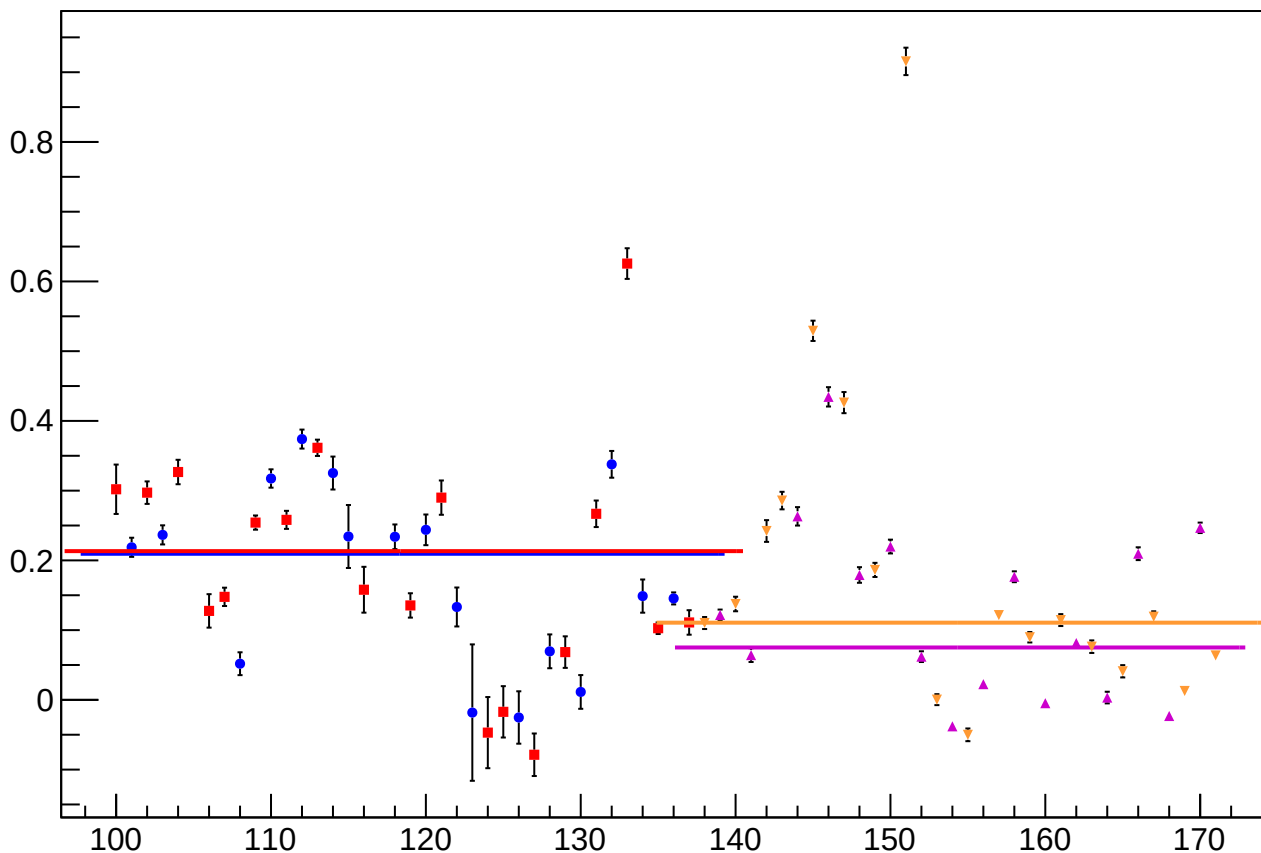
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.285 ± 0.037 χ^2/NDF : 3721.5/32

Out: -2.563 ± 0.039 χ^2/NDF : 4643.9/36

All: -2.418 ± 0.027 χ^2/NDF : 8392.5/69

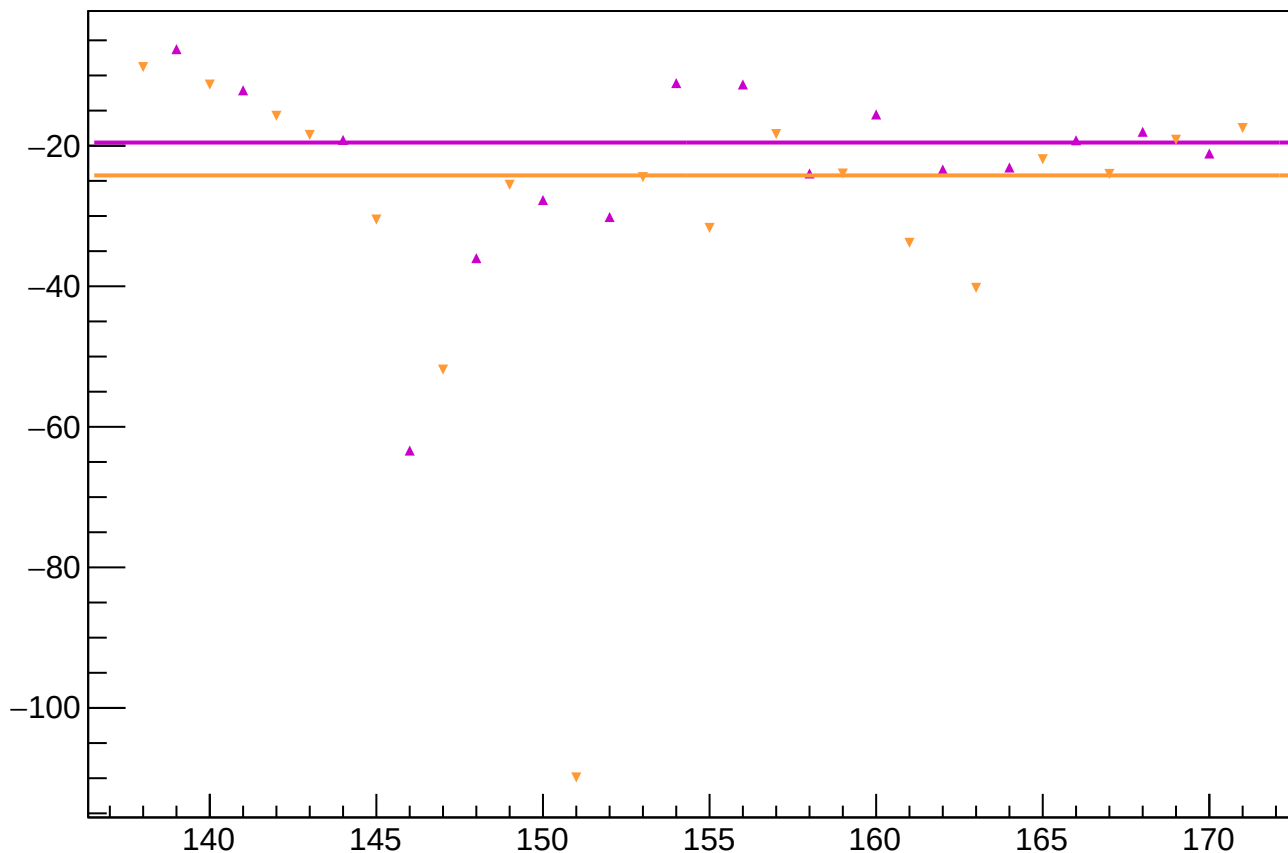
reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2/NDF : 597.7/16
 Left Out: 0.111 $\pm$ 0.002 χ^2/NDF : 4108.4/17
 Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1103.2/18
 Left In: 0.075 $\pm$ 0.002 χ^2/NDF : 3221.8/15

Left: 0.091 $\pm$ 0.001 χ^2/NDF : 7488.2/33
 Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1701.4/35
 In: 0.097 $\pm$ 0.002 χ^2/NDF : 4671.6/32
 Out: 0.136 $\pm$ 0.002 χ^2/NDF : 5777.4/36
 All: 0.115 $\pm$ 0.001 χ^2/NDF : 10679.1/69

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.223+/-0.057 χ^2/NDF :57781.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.546+/-0.052 χ^2/NDF :37108.6/15

Left: -21.677+/-0.038 χ^2/NDF : 98552.5/33

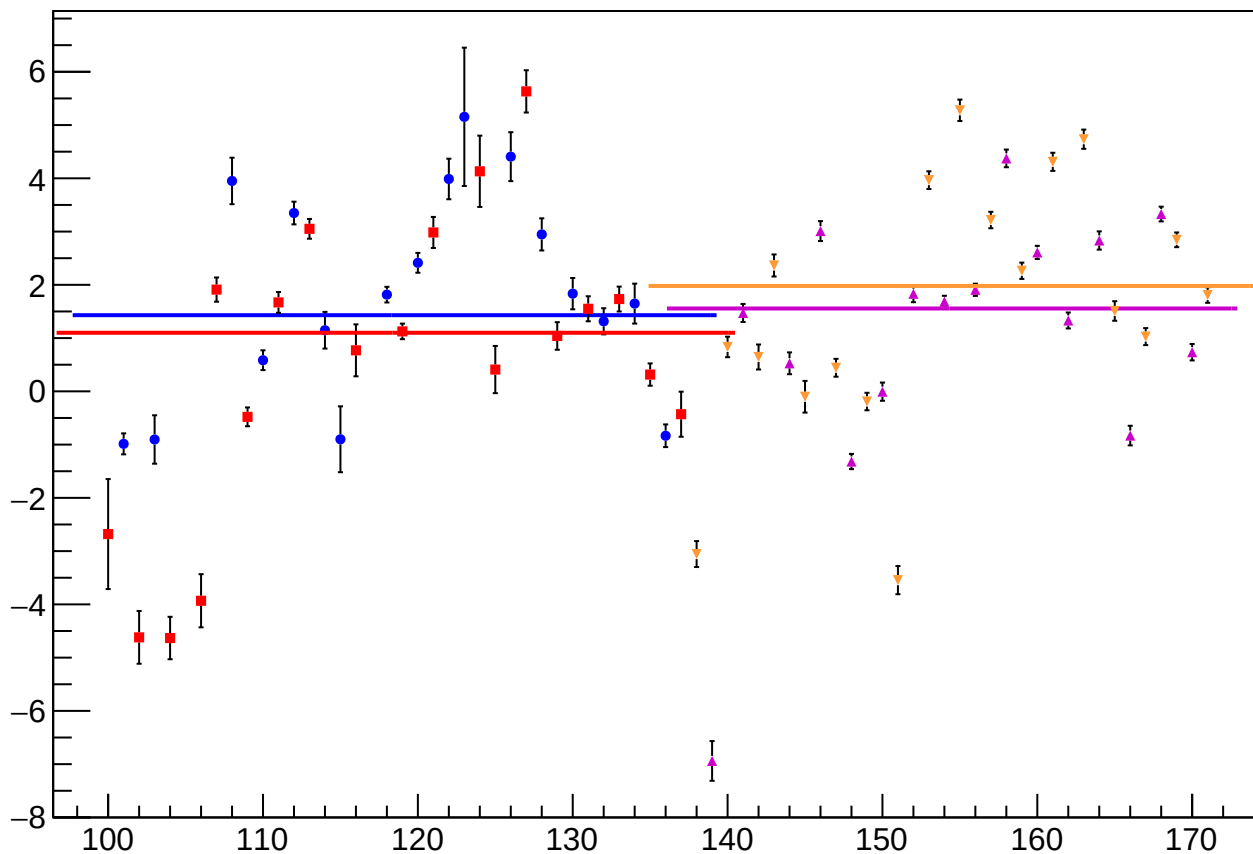
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.546+/-0.052 χ^2/NDF :37108.6/15

Out: -24.223+/-0.057 χ^2/NDF :57781.6/17

All: -21.677+/-0.038 χ^2/NDF : 98552.5/33

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: 1.979 $\pm$ 0.042 χ^2/NDF :2225.6/17

Right Out: 1.100 $\pm$ 0.060 χ^2/NDF : 901.0/18

Left In: 1.556 $\pm$ 0.038 χ^2/NDF :1885.4/15

Left: 1.747 $\pm$ 0.028 χ^2/NDF : 4166.1/33

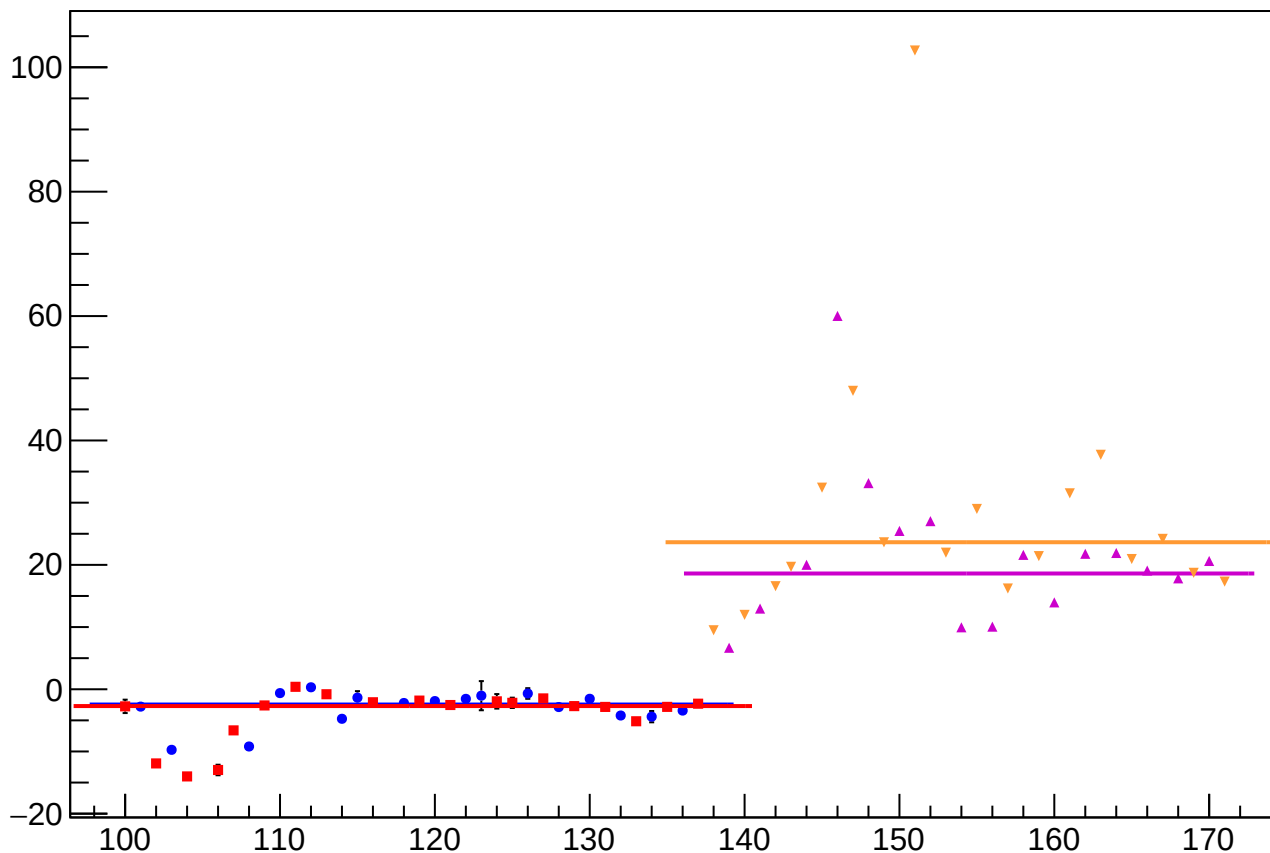
Right: 1.257 $\pm$ 0.043 χ^2/NDF : 1513.6/35

In: 1.522 $\pm$ 0.033 χ^2/NDF :2486.3/32

Out: 1.688 $\pm$ 0.034 χ^2/NDF :3270.5/36

All: 1.600 $\pm$ 0.024 χ^2/NDF : 5769.1/69

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: 23.640 ± 0.056 χ^2/NDF : 51723.5/17

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.612 ± 0.051 χ^2/NDF : 34912.9/15

Left: 20.866 ± 0.038 χ^2/NDF : 91044.4/33

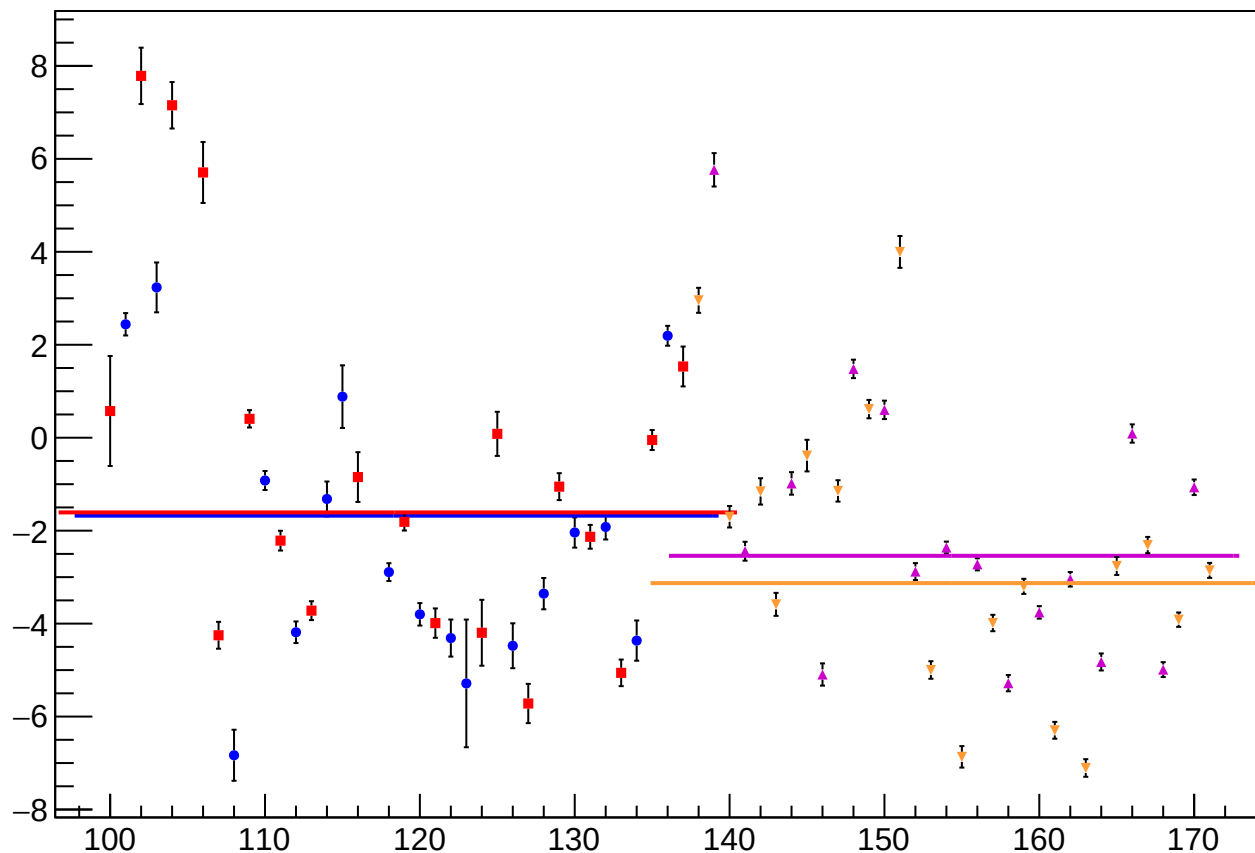
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.161 ± 0.046 χ^2/NDF : 63613.3/32

Out: 17.596 ± 0.049 χ^2/NDF : 102861.6/36

All: 16.302 ± 0.034 χ^2/NDF : 167767.7/69

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677+/-0.072 χ^2/NDF : 1204.7/16

Left Out: -3.128+/-0.048 χ^2/NDF : 2715.7/17

Right Out: -1.607+/-0.068 χ^2/NDF : 1430.8/18

Left In: -2.541+/-0.044 χ^2/NDF : 2342.6/15

Left: -2.807+/-0.032 χ^2/NDF : 5140.8/33

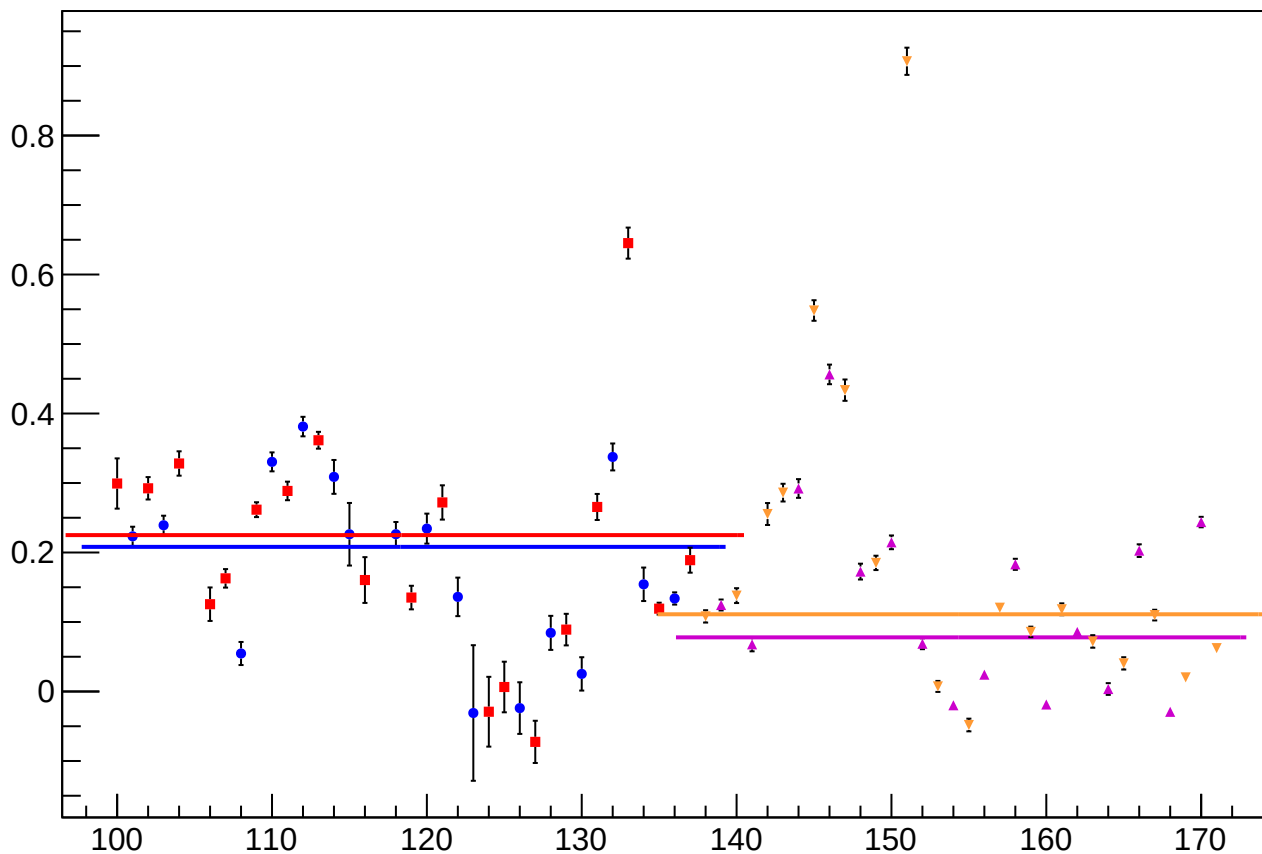
Right: -1.640+/-0.050 χ^2/NDF : 2636.0/35

In: -2.312+/-0.037 χ^2/NDF : 3651.9/32

Out: -2.624+/-0.039 χ^2/NDF : 4482.0/36

All: -2.461+/-0.027 χ^2/NDF : 8167.2/69

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16
 Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF: 4085.8/17
 Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18
 Left In: 0.078 $\pm$ 0.002 χ^2 /NDF: 3191.4/15

Left: 0.093 $\pm$ 0.001 χ^2 /NDF: 7411.8/33
 Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35
 In: 0.099 $\pm$ 0.002 χ^2 /NDF: 4570.0/32
 Out: 0.138 $\pm$ 0.002 χ^2 /NDF: 5759.5/36
 All: 0.117 $\pm$ 0.001 χ^2 /NDF: 10560.5/69