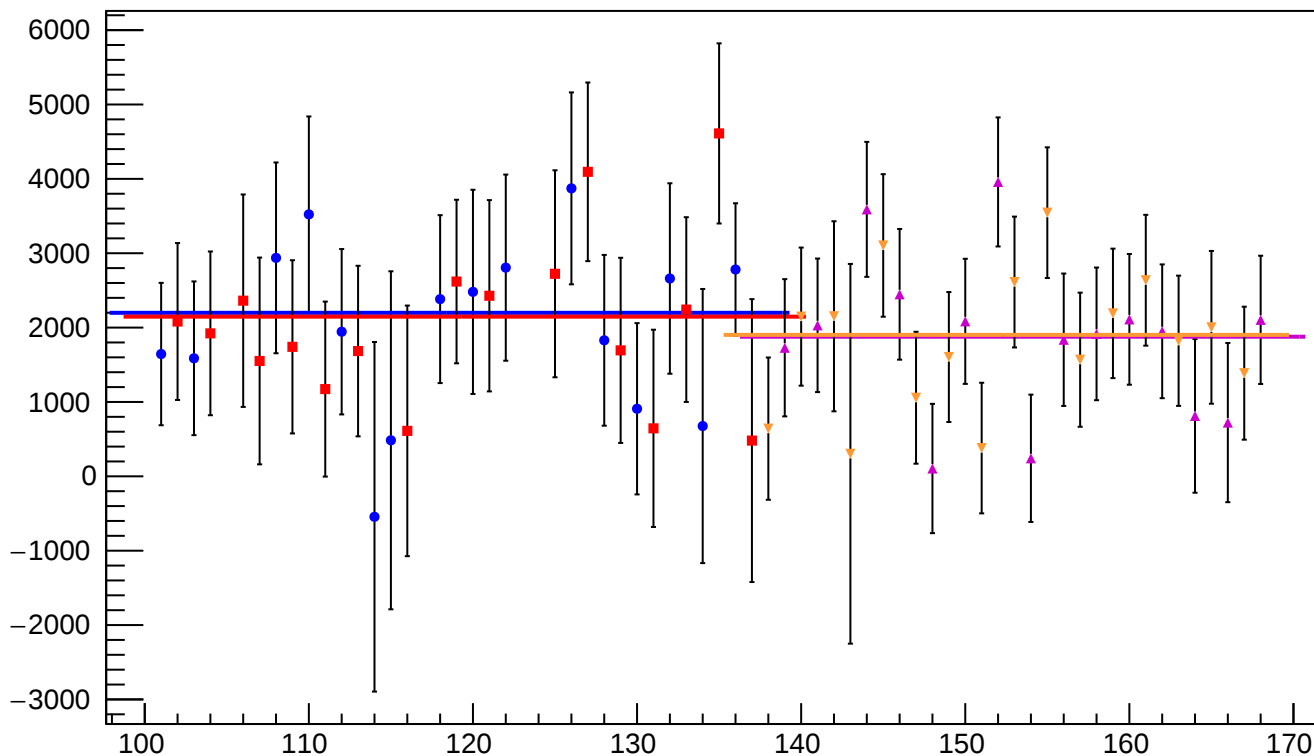


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1902.100+/-236.245

Right Out: 2147.149+/-304.804

Left In: 1877.539+/-232.130

χ^2/NDF : 8.6/15

χ^2/NDF :13.3/15

χ^2/NDF : 11.4/16

χ^2/NDF :20.0/14

Left: 1889.603+/-165.576

Right: 2172.848+/-216.219

In: 1994.541+/-185.107

Out: 1994.064+/-186.725

All: 1994.305+/-131.459

χ^2/NDF : 33.3/30

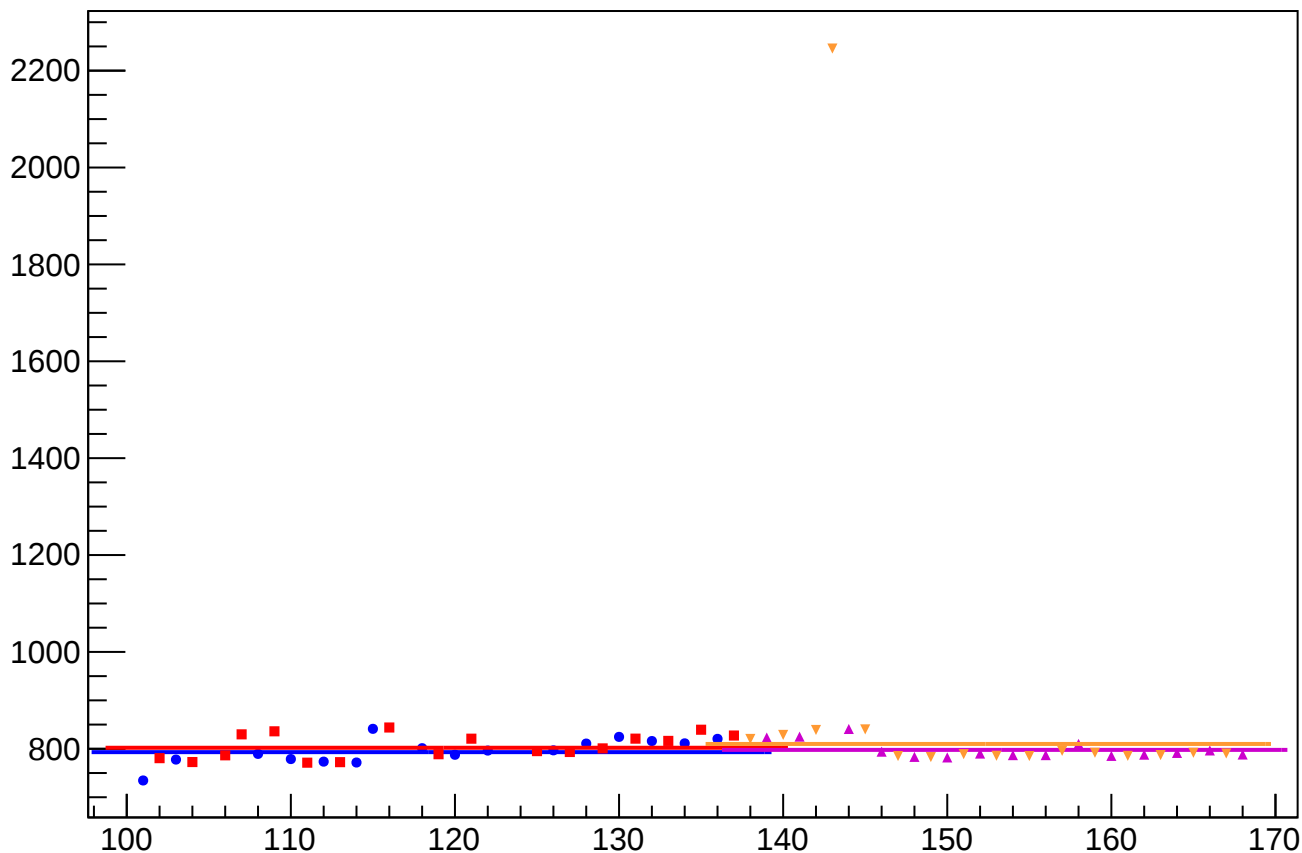
χ^2/NDF : 20.0/32

χ^2/NDF :29.3/30

χ^2/NDF :25.1/32

χ^2/NDF : 54.4/63

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 810.003+/-0.167 χ^2/NDF : 650153.3/15

Right Out: 802.148+/-0.216 χ^2/NDF : 12723.5/16

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

Left: 803.768+/-0.117 χ^2/NDF : 664177.0/30

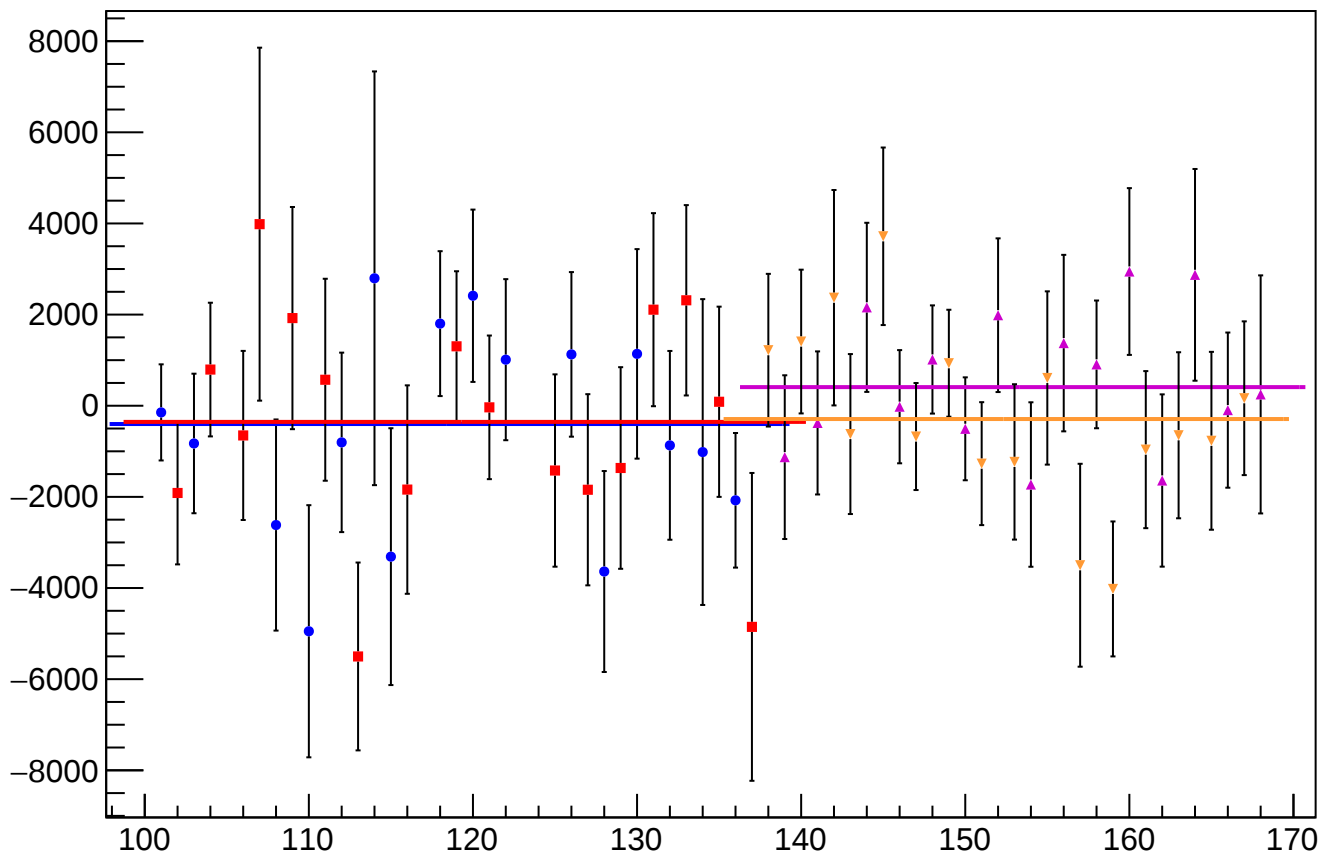
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 796.053+/-0.131 χ^2/NDF : 26282.8/30

Out: 807.055+/-0.132 χ^2/NDF : 663706.5/32

All: 801.506+/-0.093 χ^2/NDF : 693490.8/63

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -291.794 $\pm$ 406.304 χ^2/NDF : 18.5/15

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

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

Left: 51.942 $\pm$ 289.939 χ^2/NDF : 29.8/30

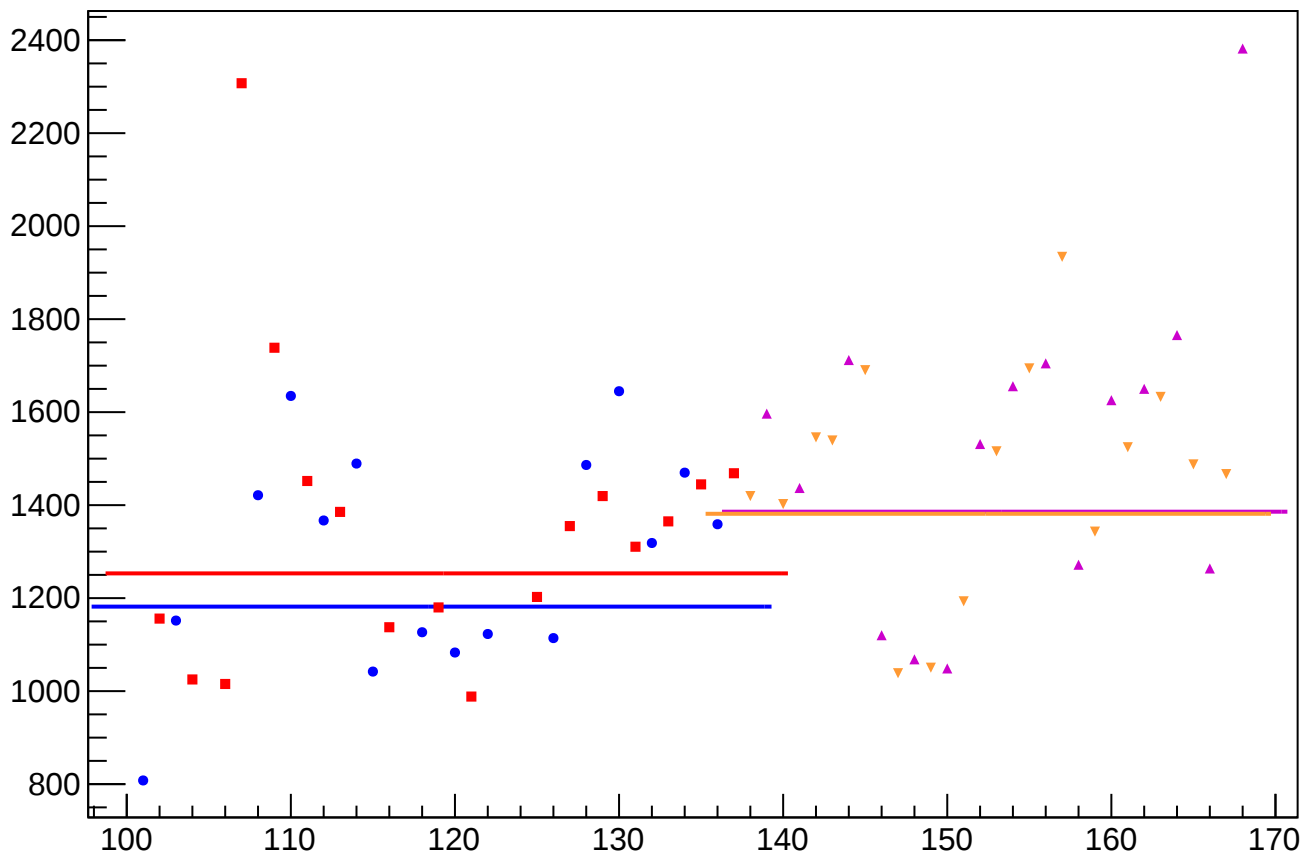
Right: -378.842 $\pm$ 337.535 χ^2/NDF : 32.2/32

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

Out: -317.543 $\pm$ 311.858 χ^2/NDF : 35.9/32

All: -130.961 $\pm$ 219.938 χ^2/NDF : 63.0/63

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1381.409 $\pm$ 0.287 χ^2 /NDF: 700192.1/15

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

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

Left: 1383.613 $\pm$ 0.205 χ^2 /NDF: 1759826.7/30

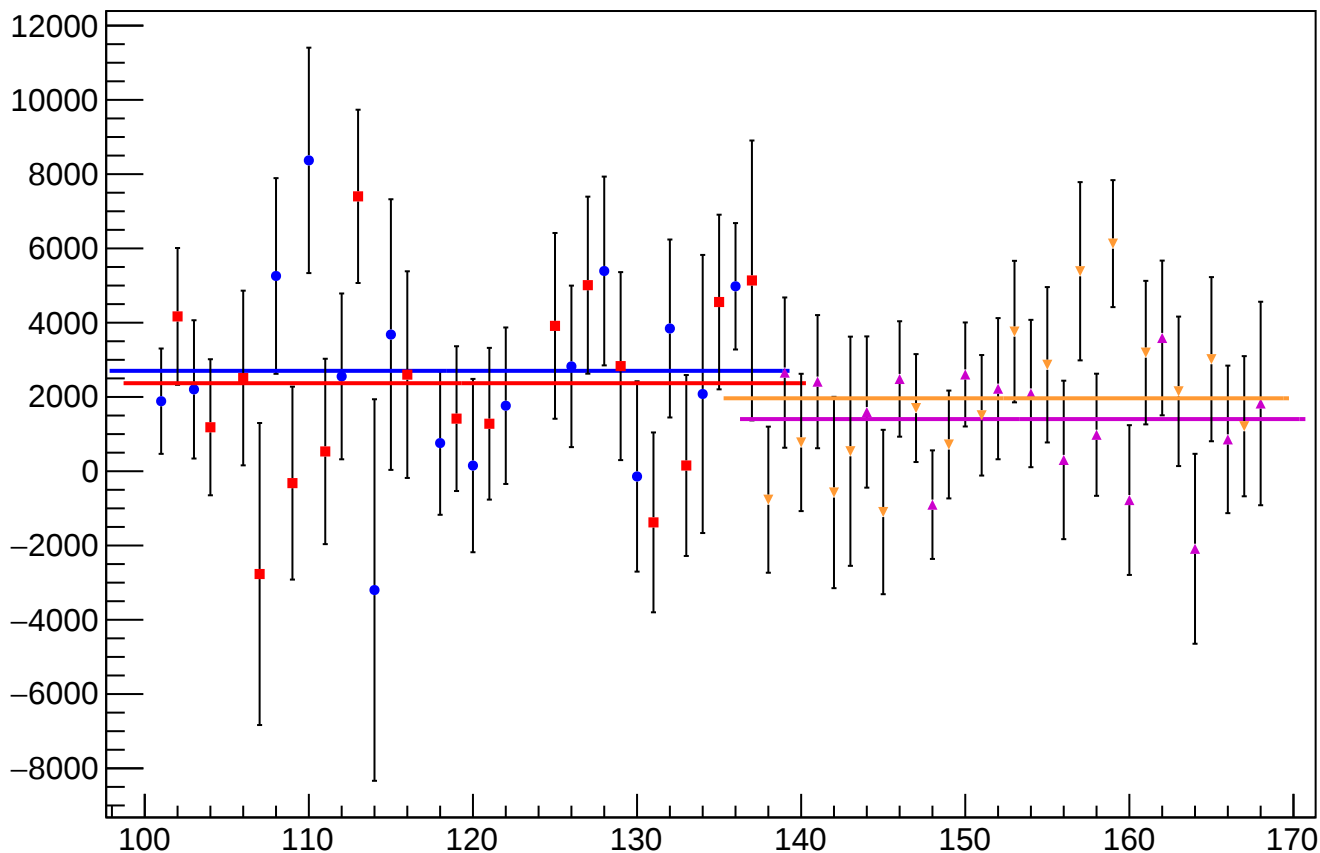
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

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

Out: 1328.741 $\pm$ 0.221 χ^2 /NDF: 1237627.1/32

All: 1312.515 $\pm$ 0.156 χ^2 /NDF: 3064586.8/63

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1964.286 $\pm$ 479.001 χ^2 /NDF:16.1/15

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

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

Left: 1685.461 $\pm$ 339.361 χ^2 /NDF: 26.1/30

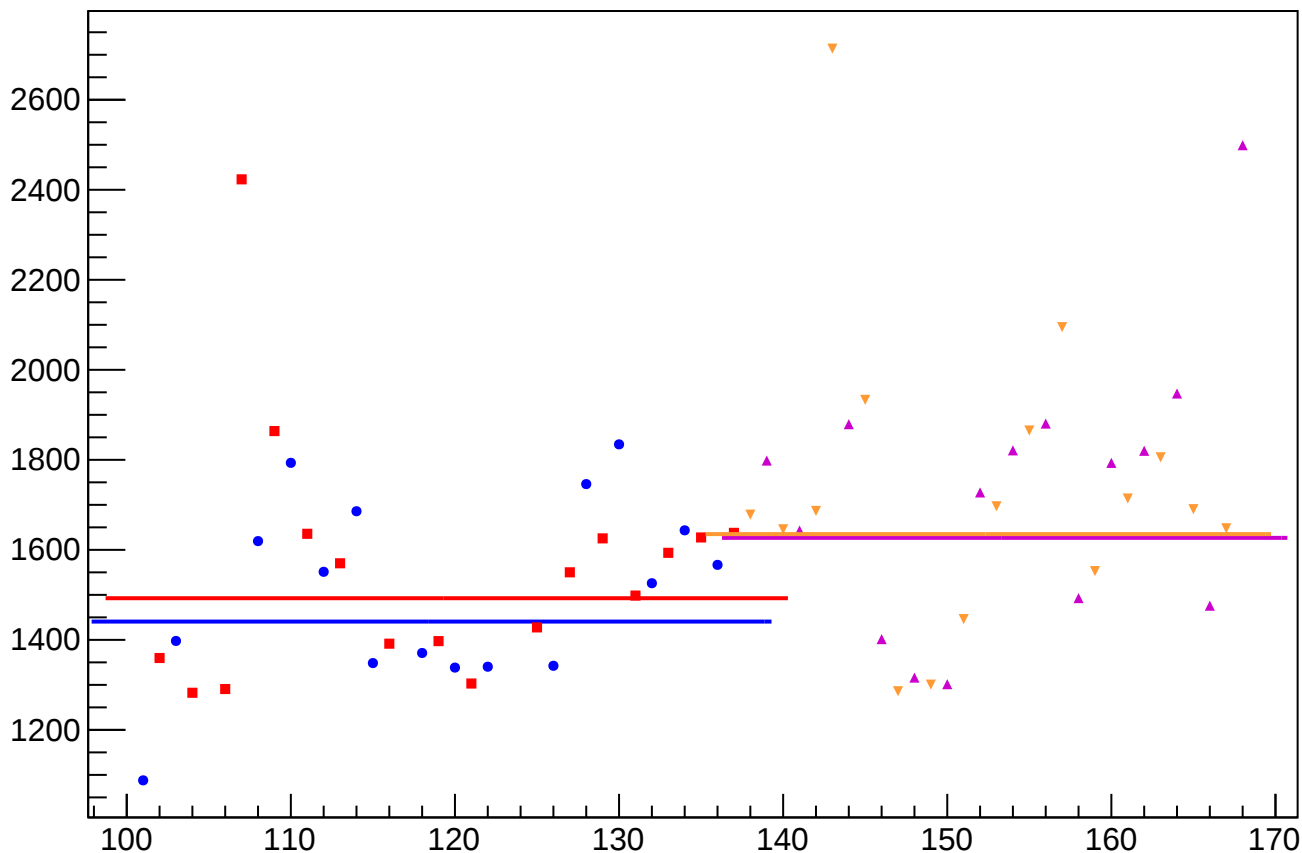
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

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

Out: 2131.267 $\pm$ 367.632 χ^2 /NDF:32.5/32

All: 2040.638 $\pm$ 259.397 χ^2 /NDF: 58.0/63

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1635.003+/-0.339 χ^2/NDF : 654495.4/15

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

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

Left: 1630.838+/-0.240 χ^2/NDF : 1283094.8/30

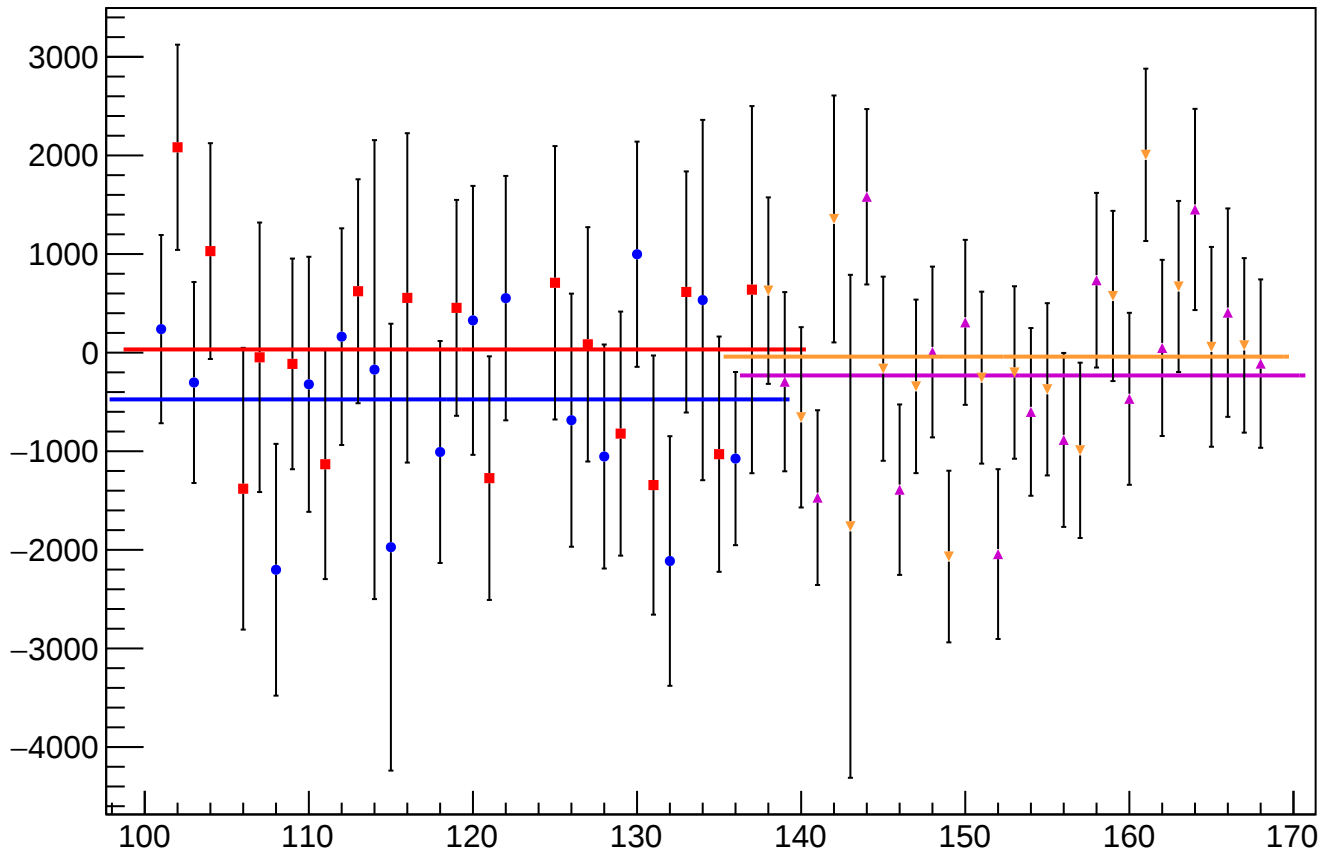
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

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

Out: 1576.453+/-0.260 χ^2/NDF : 978714.5/32

All: 1562.384+/-0.183 χ^2/NDF : 2020919.4/63

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -40.625 ± 233.811 χ^2/NDF : 16.3/15

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

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

Left: -137.643 ± 163.897 χ^2/NDF : 34.6/30

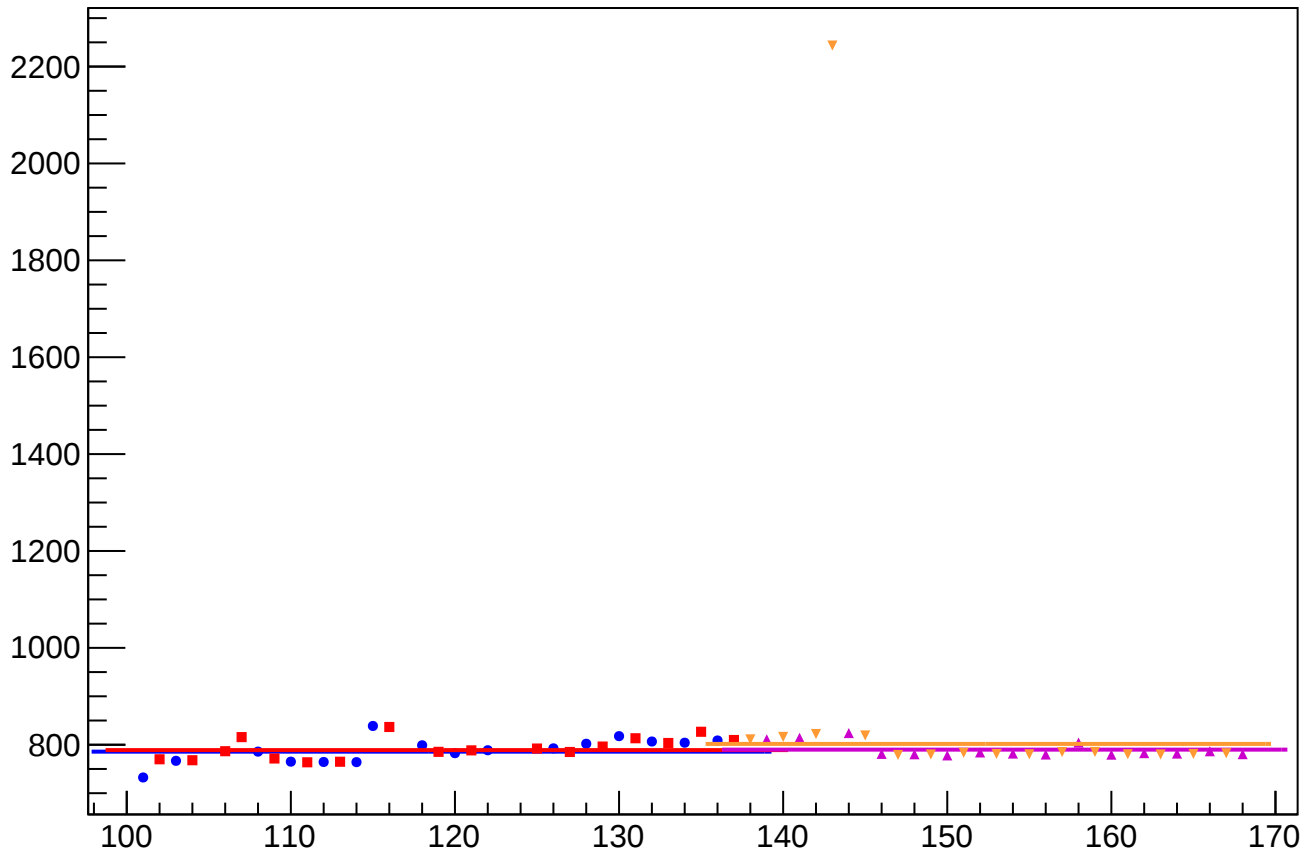
Right: -217.229 ± 213.362 χ^2/NDF : 21.6/32

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

Out: -12.965 ± 184.326 χ^2/NDF : 27.6/32

All: -167.177 ± 129.976 χ^2/NDF : 56.3/63

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 801.724+/-0.165 χ^2/NDF : 652402.0/15

Right Out: 788.940+/-0.212 χ^2/NDF : 9525.0/16

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

Left: 795.704+/-0.116 χ^2/NDF : 663328.5/30

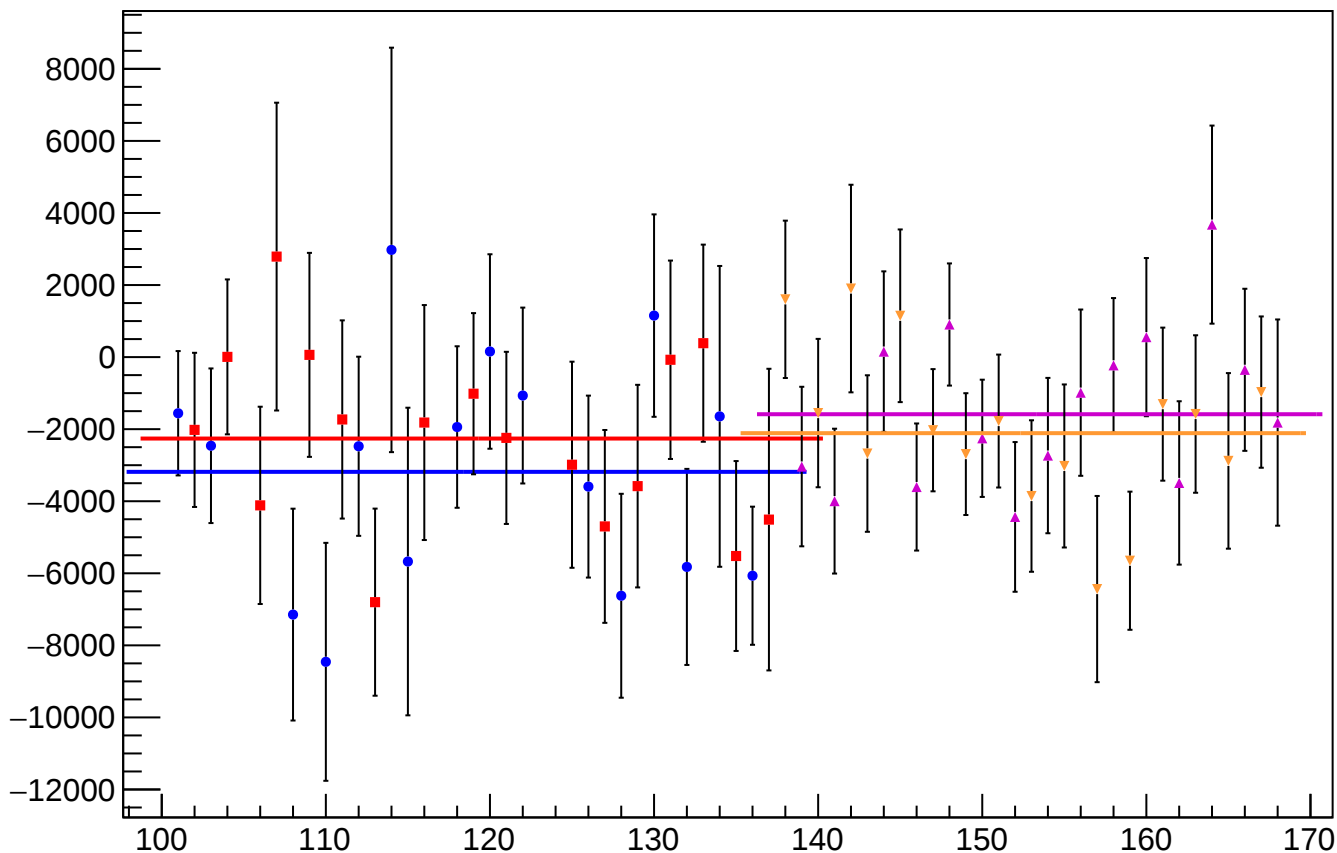
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 788.380+/-0.130 χ^2/NDF : 22476.8/30

Out: 796.886+/-0.130 χ^2/NDF : 664190.2/32

All: 792.609+/-0.092 χ^2/NDF : 688807.9/63

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -2110.780 $\pm$ 526.056 χ^2/NDF :14.6/15

Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16

Left In: -1585.309 $\pm$ 536.369 χ^2/NDF :14.5/14

Left: -1853.145 $\pm$ 375.571 χ^2/NDF : 29.6/30

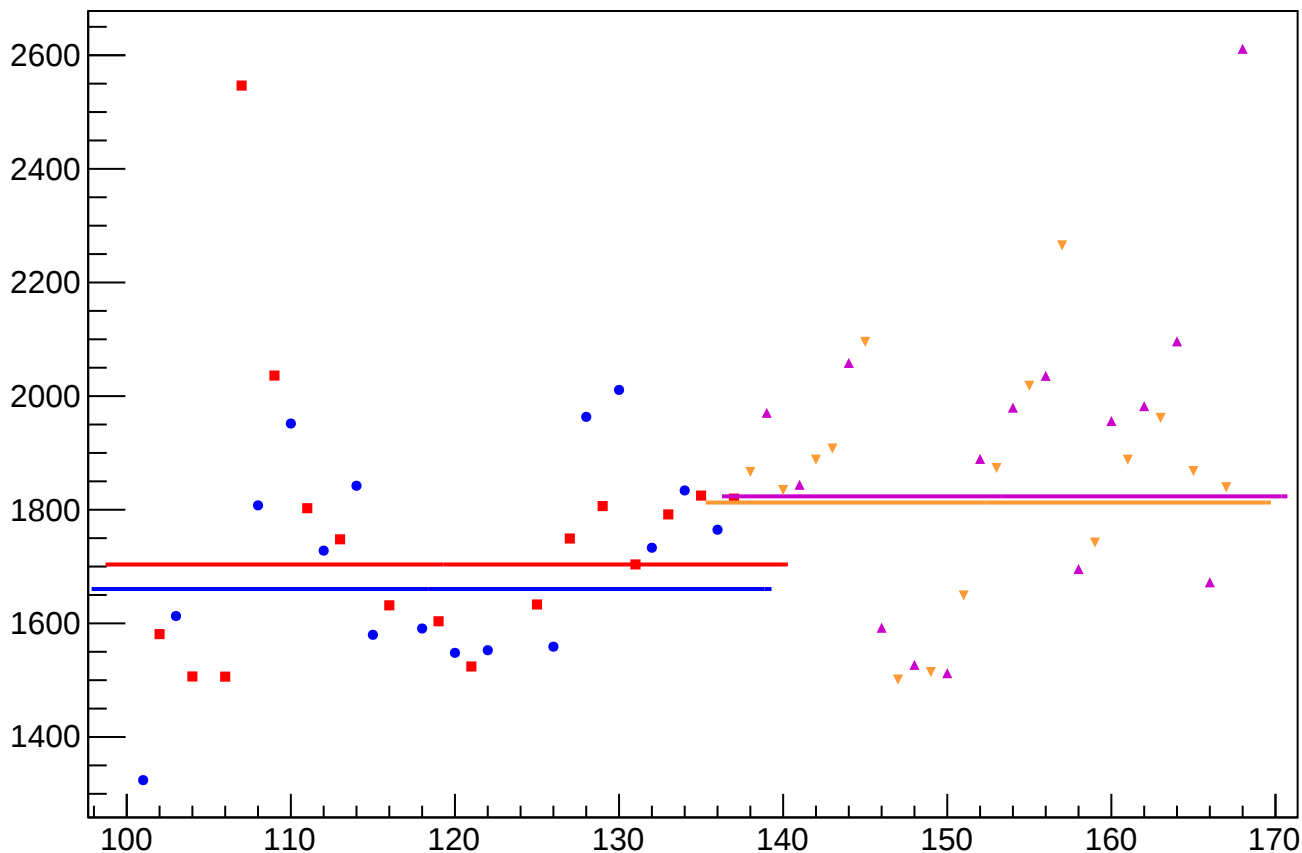
Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32

In: -2236.272 $\pm$ 413.021 χ^2/NDF :34.9/30

Out: -2169.717 $\pm$ 409.402 χ^2/NDF :26.3/32

All: -2202.702 $\pm$ 290.762 χ^2/NDF : 61.2/63

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1812.689 $\pm$ 0.372 χ^2 /NDF: 275472.7/15

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

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

Left: 1818.044 $\pm$ 0.266 χ^2 /NDF: 712082.6/30

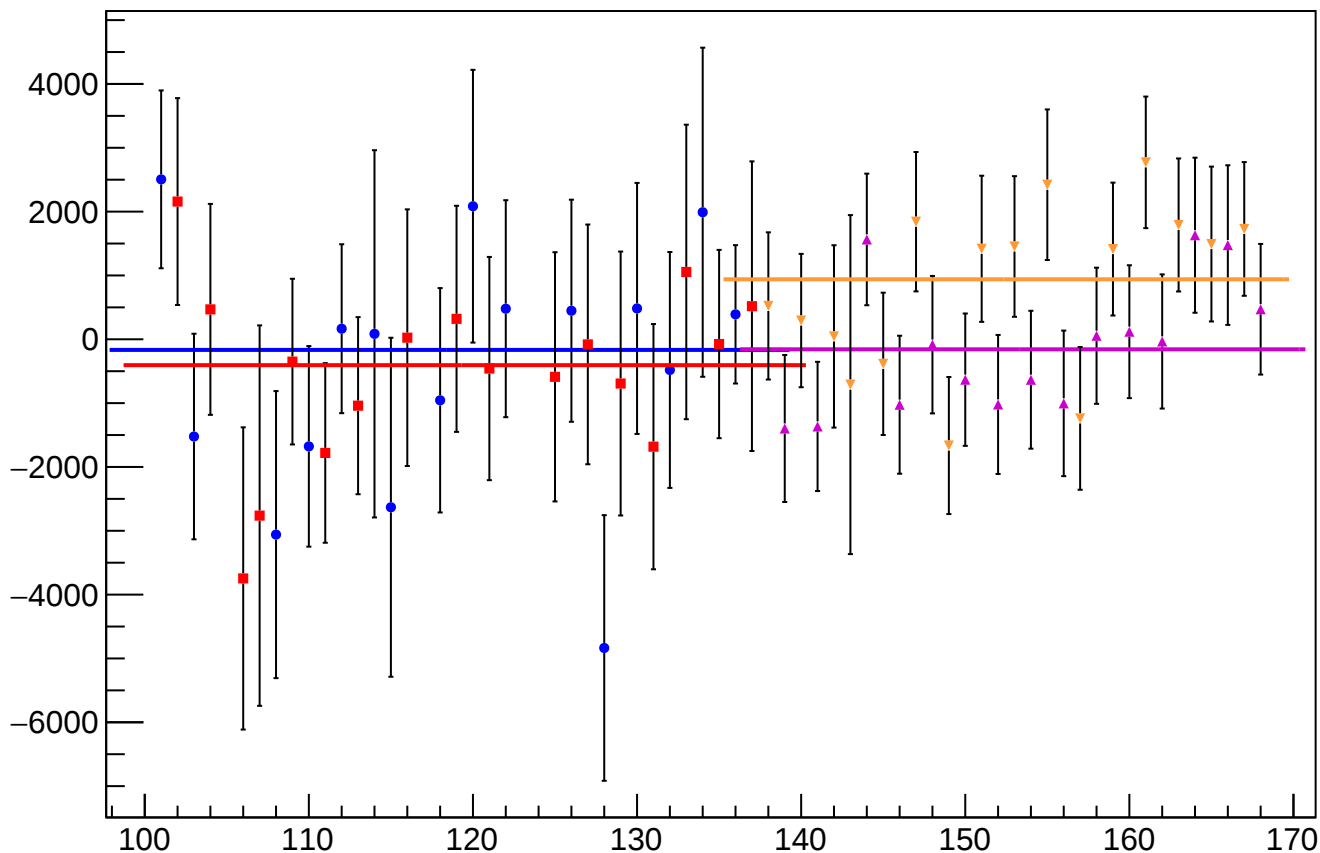
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

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

Out: 1769.703 $\pm$ 0.289 χ^2 /NDF: 480363.7/32

All: 1763.507 $\pm$ 0.206 χ^2 /NDF: 1172004.3/63

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 939.971+/-285.189 χ^2/NDF : 19.9/15

Right Out: -405.286+/-428.618 χ^2/NDF : 7.9/16

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

Left: 381.088+/-199.738 χ^2/NDF : 39.4/30

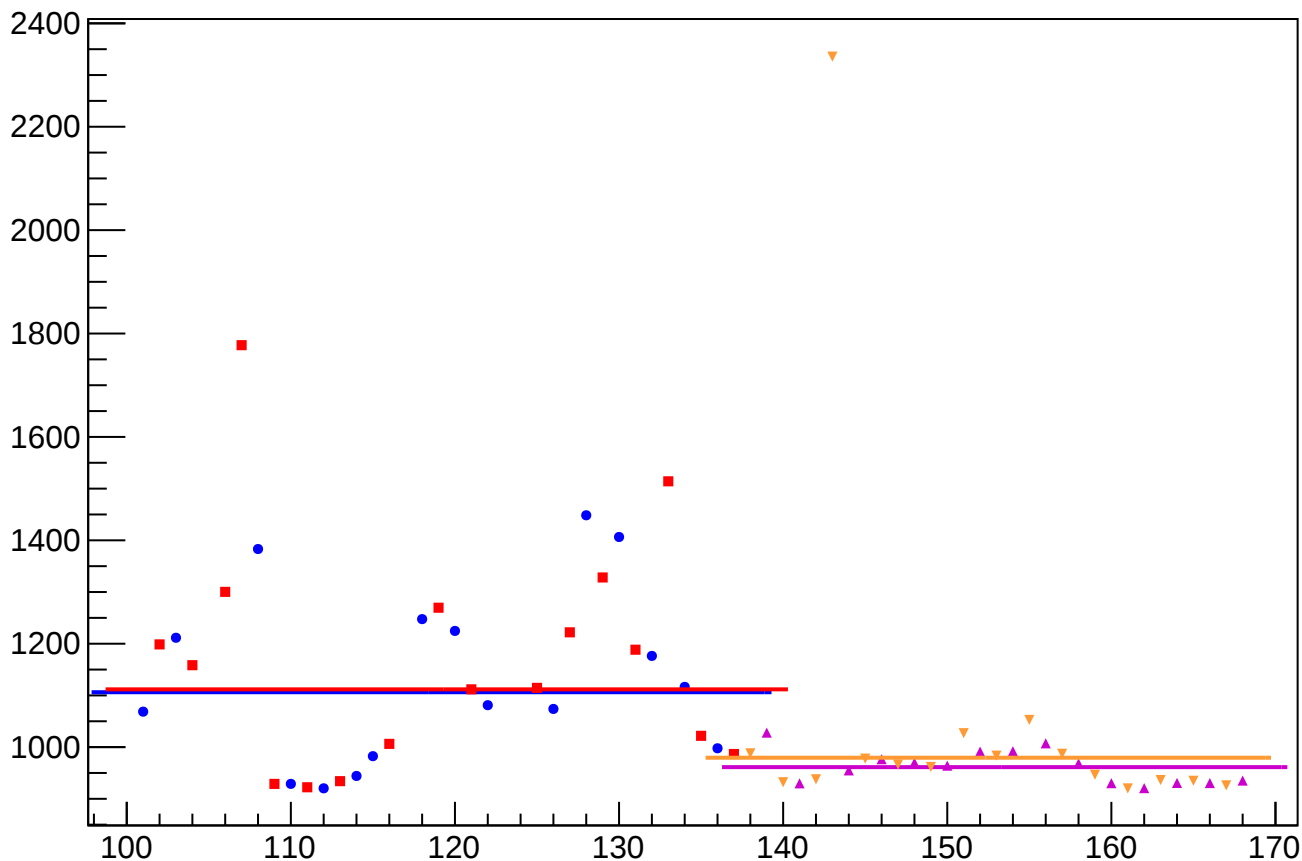
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

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

Out: 527.163+/-237.434 χ^2/NDF : 34.6/32

All: 180.125+/-167.014 χ^2/NDF : 66.4/63

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 979.497+/-0.202 χ^2/NDF : 559634.5/15

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

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

Left: 970.209+/-0.141 χ^2/NDF : 588100.6/30

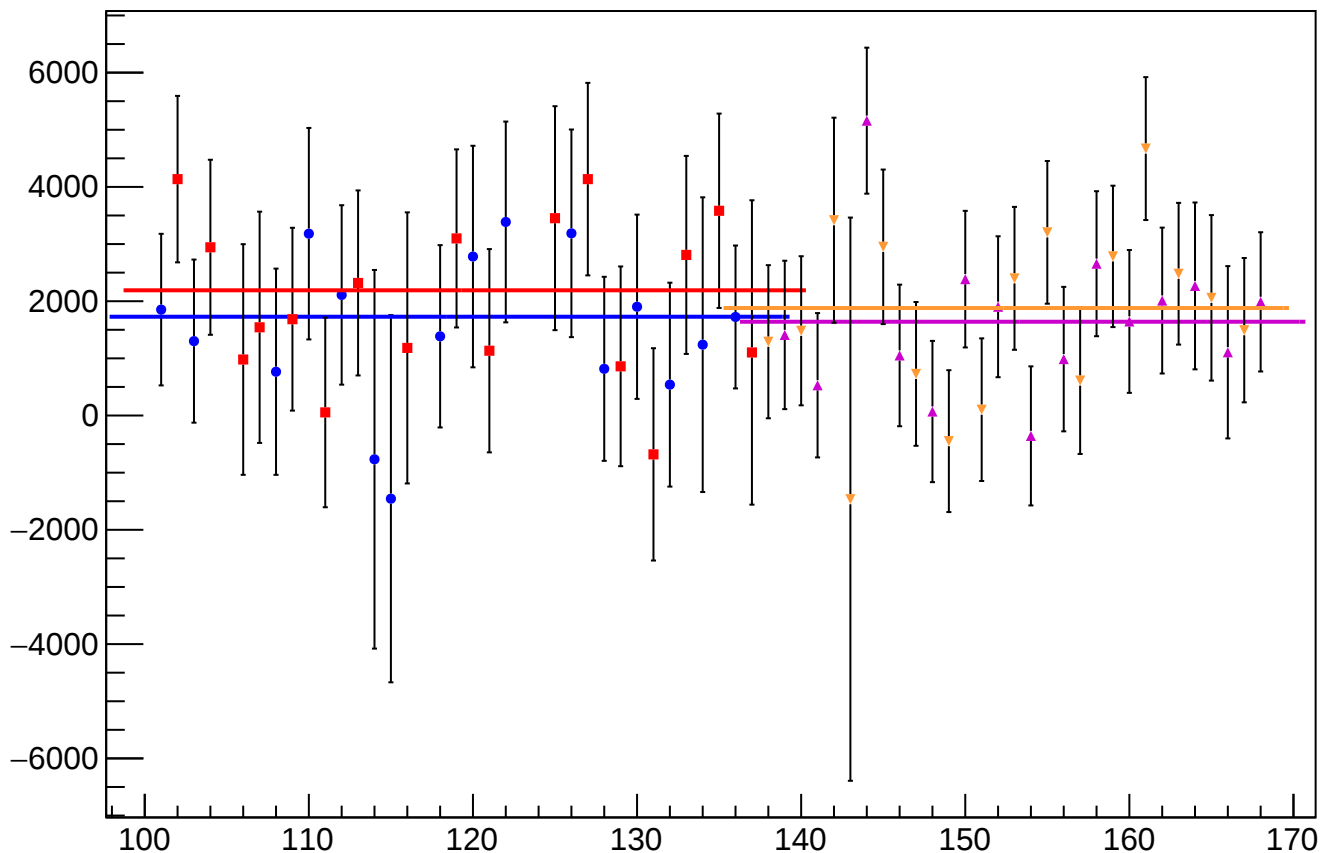
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1003.998+/-0.166 χ^2/NDF : 442354.3/30

Out: 1020.073+/-0.168 χ^2/NDF : 1047958.4/32

All: 1011.952+/-0.118 χ^2/NDF : 1494944.2/63

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1880.919 $\pm$ 335.161 χ^2/NDF : 16.6/15

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

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

Left: 1758.561 $\pm$ 234.664 χ^2/NDF : 31.6/30

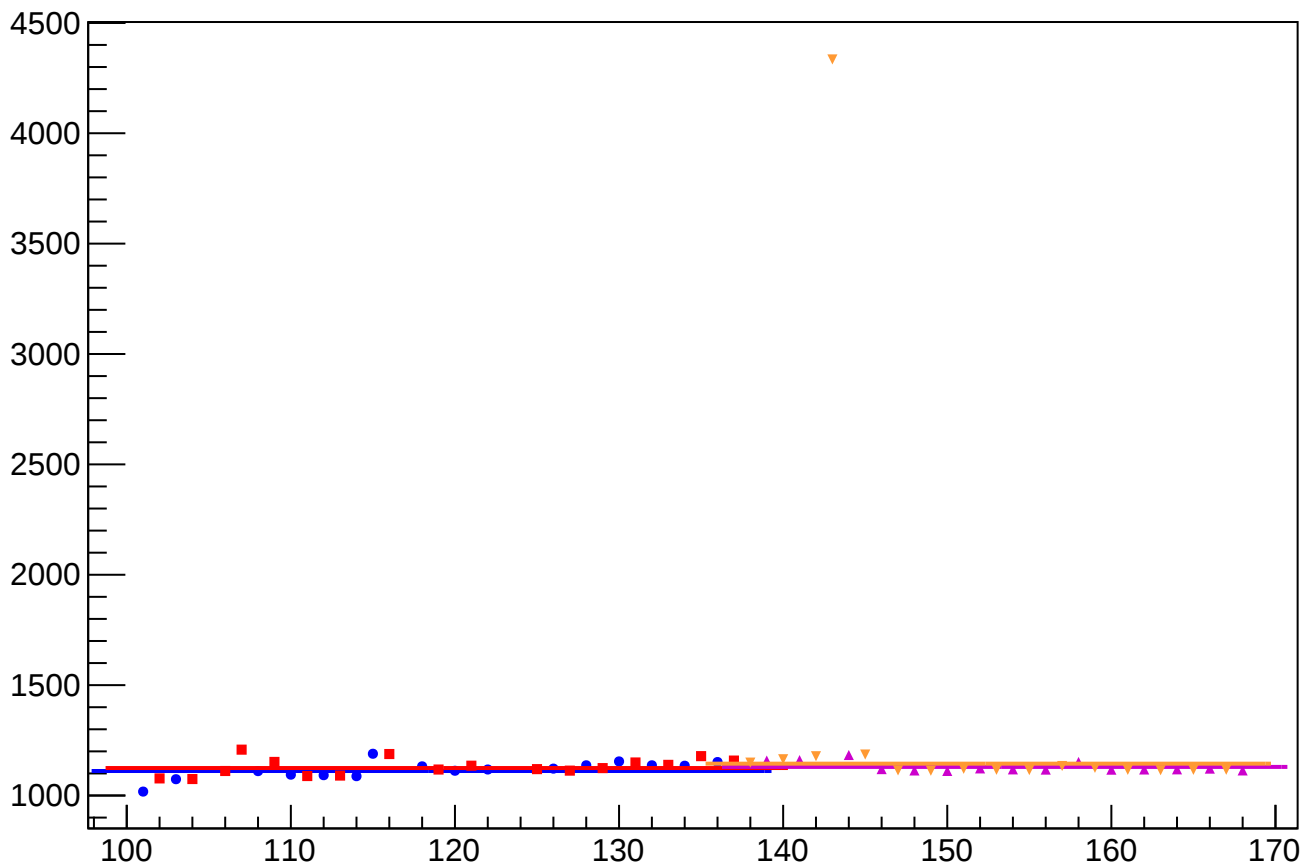
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

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

Out: 1999.043 $\pm$ 263.697 χ^2/NDF : 27.8/32

All: 1834.502 $\pm$ 185.530 χ^2/NDF : 48.6/63

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1144.311+/-0.237 χ^2/NDF : 851024.5/15

Right Out: 1124.514+/-0.302 χ^2/NDF : 14600.7/16

Left In: 1129.591+/-0.232 χ^2/NDF : 8605.6/14

Left: 1136.807+/-0.166 χ^2/NDF : 861596.9/30

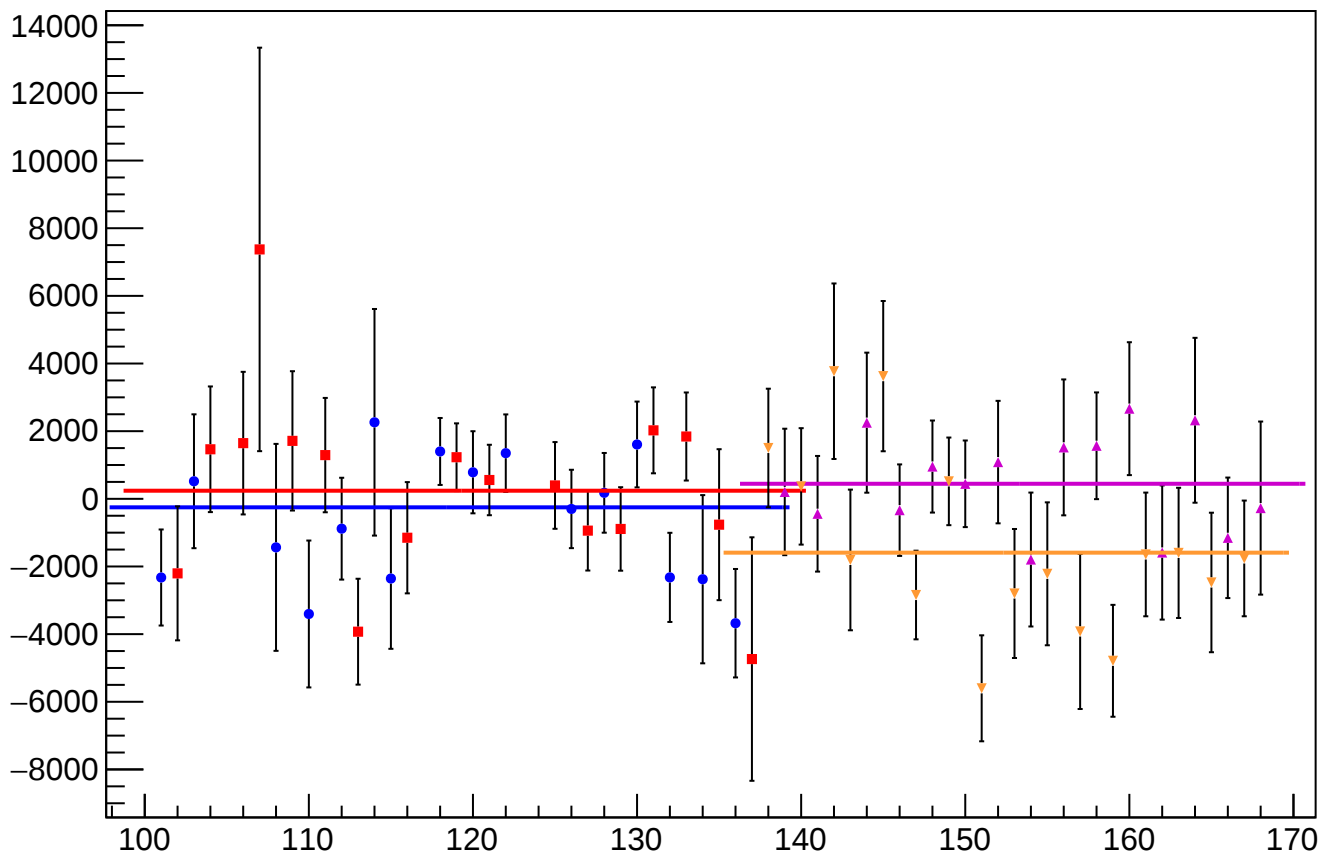
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1122.747+/-0.185 χ^2/NDF : 29047.0/30

Out: 1136.769+/-0.186 χ^2/NDF : 868283.6/32

All: 1129.688+/-0.131 χ^2/NDF : 900186.6/63

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1591.495+/-445.768 χ^2/NDF :29.8/15

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

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

Left: -584.858+/-317.010 χ^2/NDF : 47.6/30

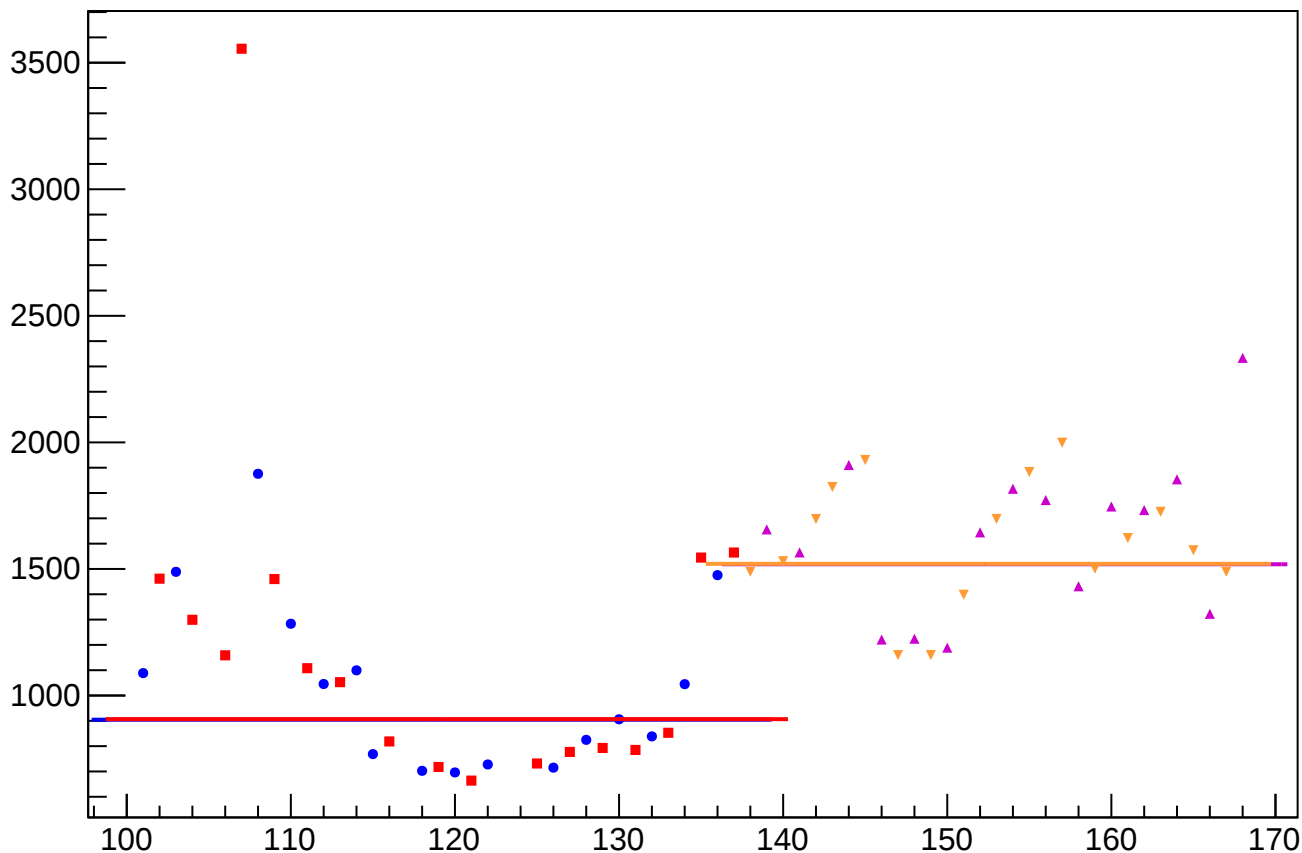
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: 24.335+/-283.679 χ^2/NDF :30.8/30

Out: -492.374+/-281.870 χ^2/NDF :61.0/32

All: -235.673+/-199.949 χ^2/NDF : 93.4/63

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1520.341+/-0.315 χ^2/NDF : 633807.5/15

Right Out: 906.594+/-0.257 χ^2/NDF : 1376076.4/16

Left In: 1518.563+/-0.319 χ^2/NDF : 815217.6/14

Left: 1519.462+/-0.224 χ^2/NDF : 1449040.8/30

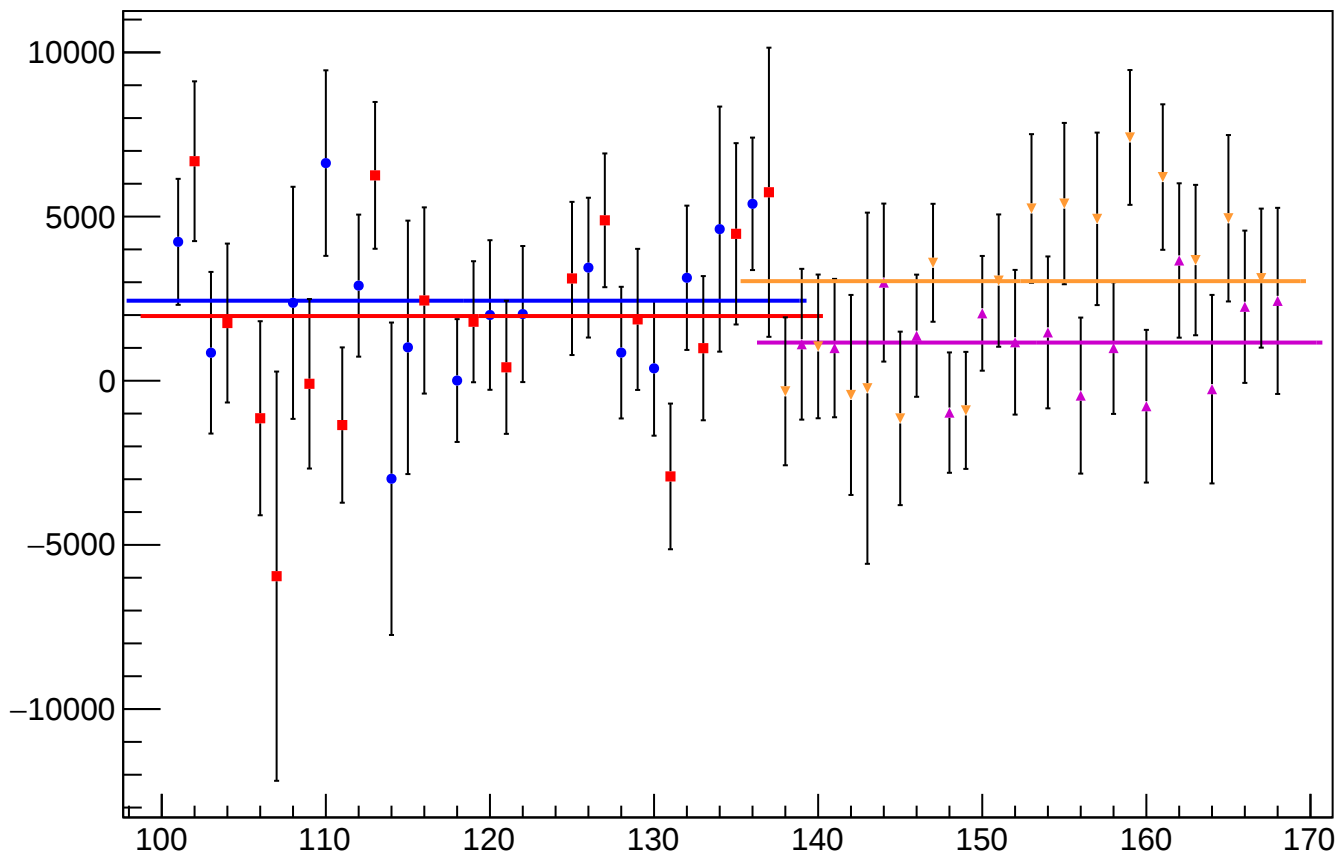
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1147.534+/-0.201 χ^2/NDF : 4077460.8/30

Out: 1151.990+/-0.199 χ^2/NDF : 4285305.0/32

All: 1149.776+/-0.141 χ^2/NDF : 8363014.2/63

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 ± 586.231 $\chi^2/\text{NDF}: 11.2/15$

Left Out: 3032.889 ± 569.893 $\chi^2/\text{NDF}: 21.8/15$

Right Out: 1970.445 ± 586.663 $\chi^2/\text{NDF}: 22.3/16$

Left In: 1162.300 ± 566.341 $\chi^2/\text{NDF}: 5.2/14$

Left: 2091.747 ± 401.713 $\chi^2/\text{NDF}: 32.4/30$

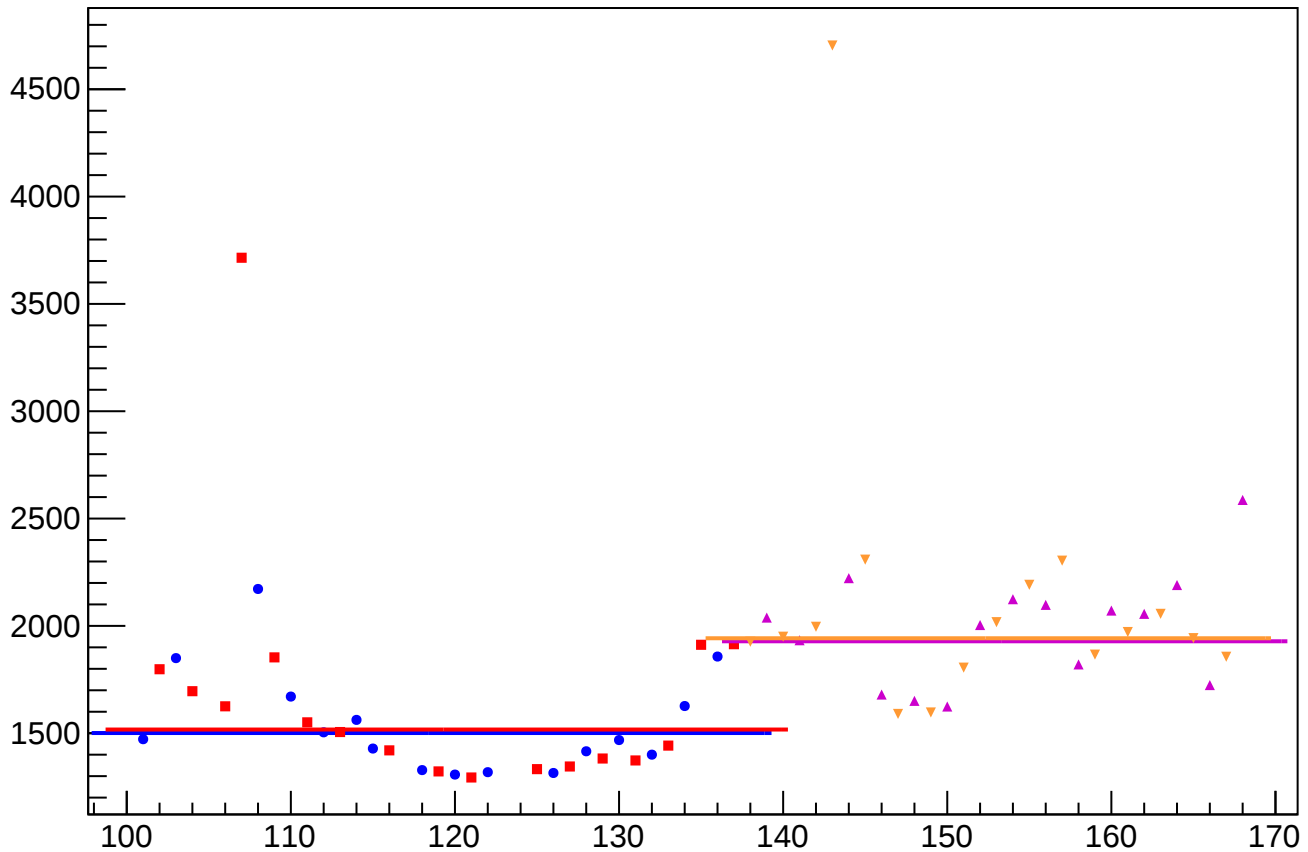
Right: 2204.149 ± 414.681 $\chi^2/\text{NDF}: 33.8/32$

In: 1777.905 ± 407.314 $\chi^2/\text{NDF}: 18.8/30$

Out: 2517.070 ± 408.775 $\chi^2/\text{NDF}: 45.8/32$

All: 2146.163 ± 288.530 $\chi^2/\text{NDF}: 66.3/63$

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830+/-0.415 χ^2/NDF : 256227.7/15

Left Out: 1942.344+/-0.403 χ^2/NDF : 805942.1/15

Right Out: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 1928.259+/-0.400 χ^2/NDF : 362689.1/14

Left: 1935.258+/-0.284 χ^2/NDF : 1169245.8/30

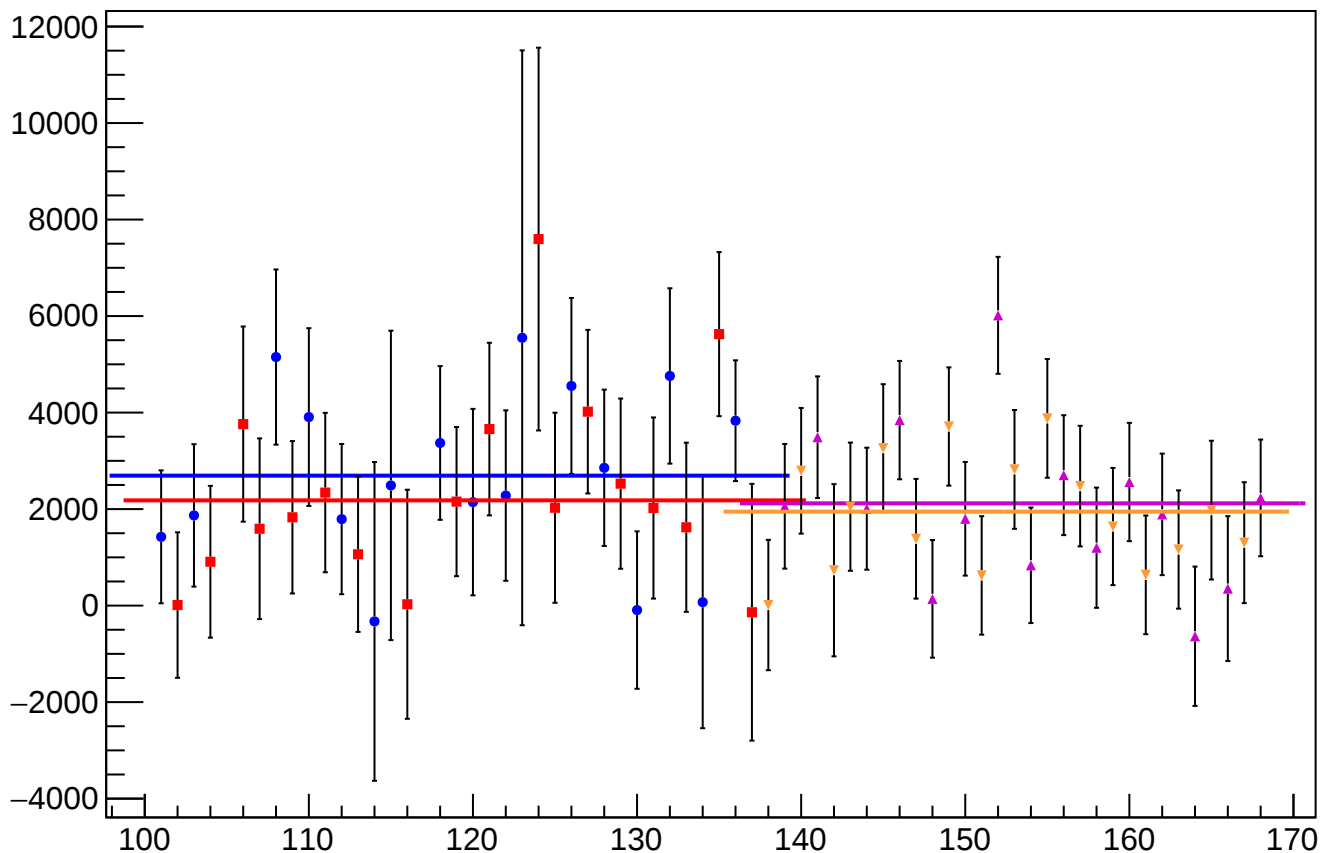
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1721.919+/-0.288 χ^2/NDF : 1168868.3/30

Out: 1735.896+/-0.289 χ^2/NDF : 1821581.8/32

All: 1728.882+/-0.204 χ^2/NDF : 2991623.5/63

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1947.137 $\pm$ 321.820 χ^2 /NDF:12.4/15

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

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

Left: 2032.624 $\pm$ 228.542 χ^2 /NDF: 35.9/30

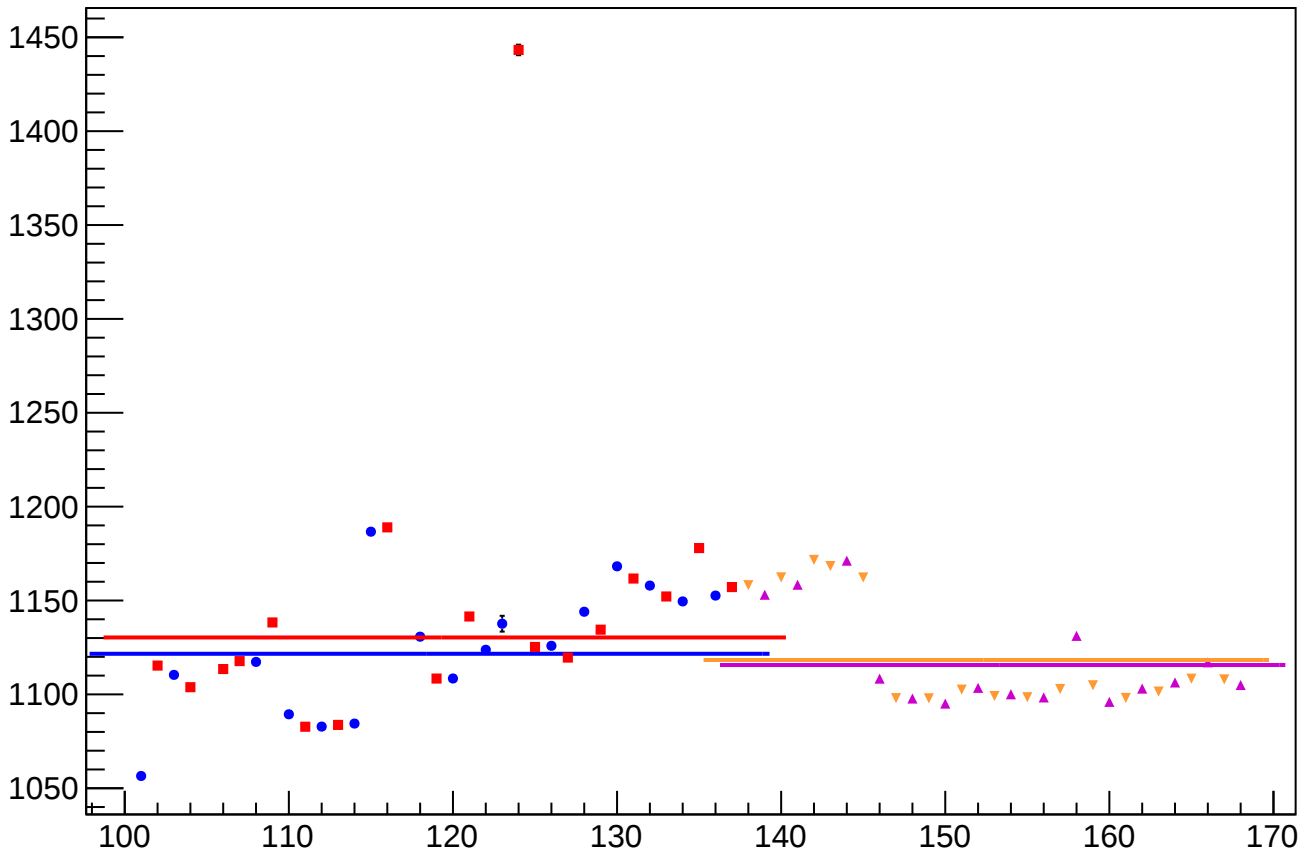
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

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

Out: 2032.241 $\pm$ 256.663 χ^2 /NDF:26.1/33

All: 2177.496 $\pm$ 182.534 χ^2 /NDF: 63.5/65

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1118.307 $\pm$ 0.228 χ^2 /NDF:14976.4/15

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

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

Left: 1116.990 $\pm$ 0.162 χ^2 /NDF: 26191.1/30

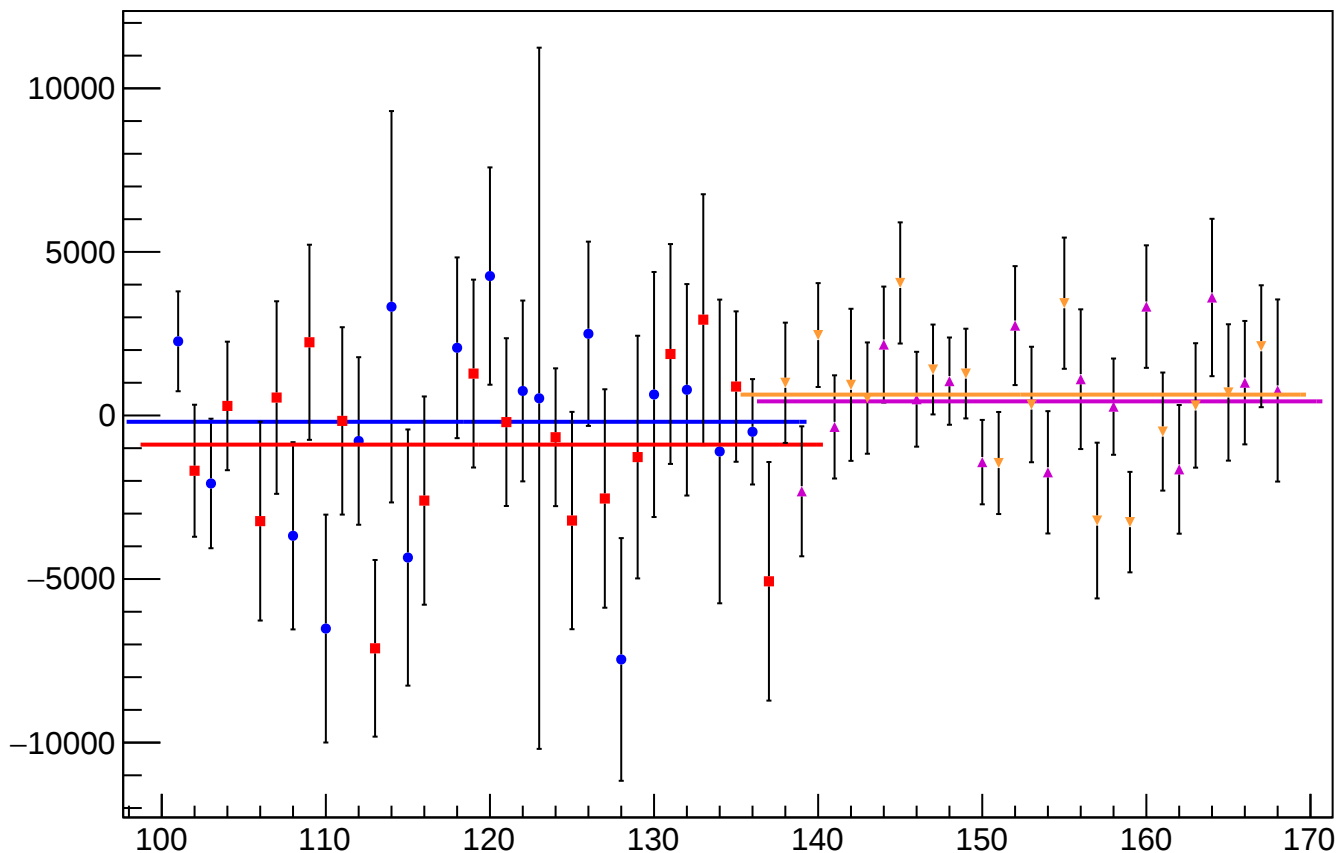
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

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

Out: 1122.678 $\pm$ 0.181 χ^2 /NDF:37266.1/33

All: 1120.268 $\pm$ 0.129 χ^2 /NDF: 60994.2/65

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 637.850+/-436.054 χ^2/NDF : 19.2/15

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

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

Left: 537.027+/-312.077 χ^2/NDF : 33.1/30

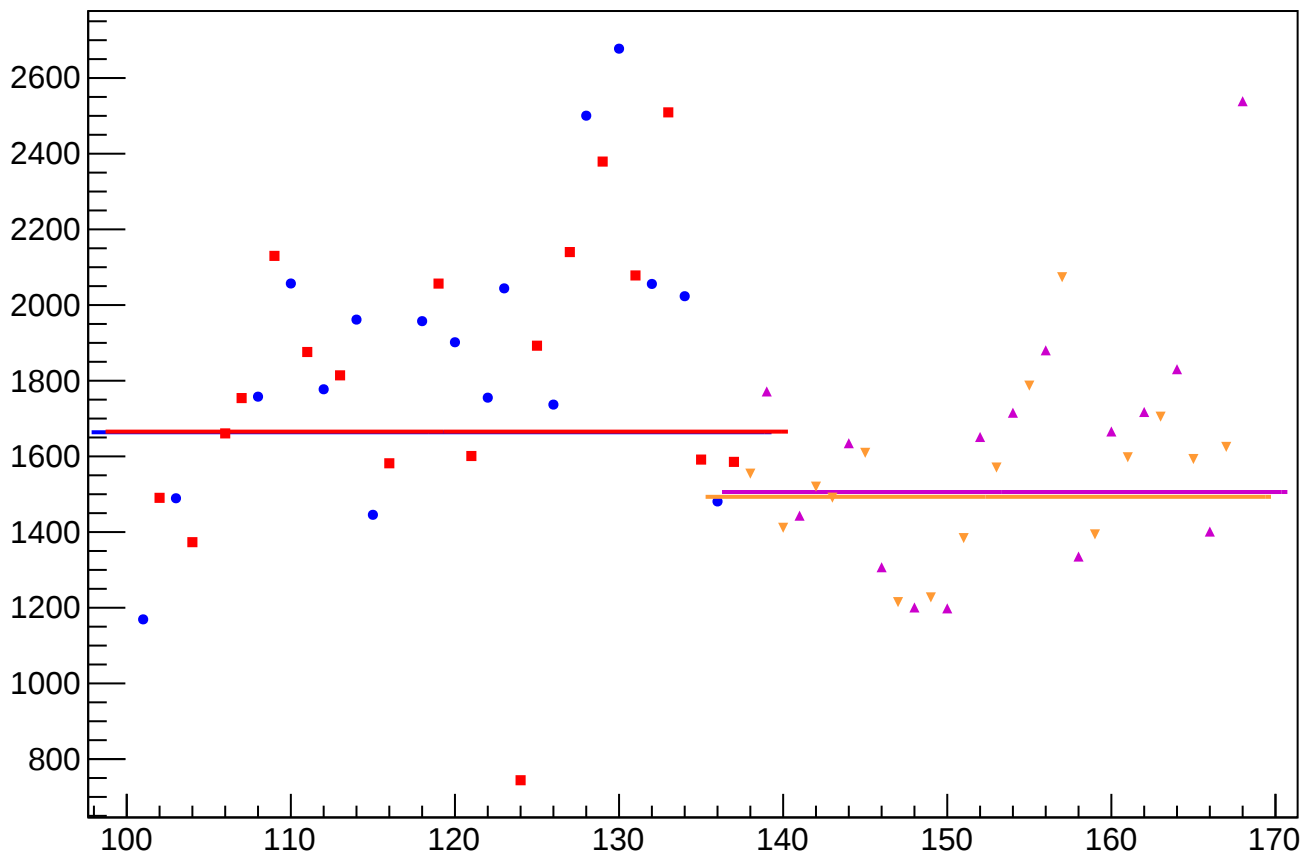
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

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

Out: 162.731+/-362.015 χ^2/NDF : 36.1/33

All: 198.086+/-258.785 χ^2/NDF : 67.9/65

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1493.144+/-0.308 χ^2/NDF : 402860.5/15

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

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

Left: 1499.357+/-0.221 χ^2/NDF : 1190959.9/30

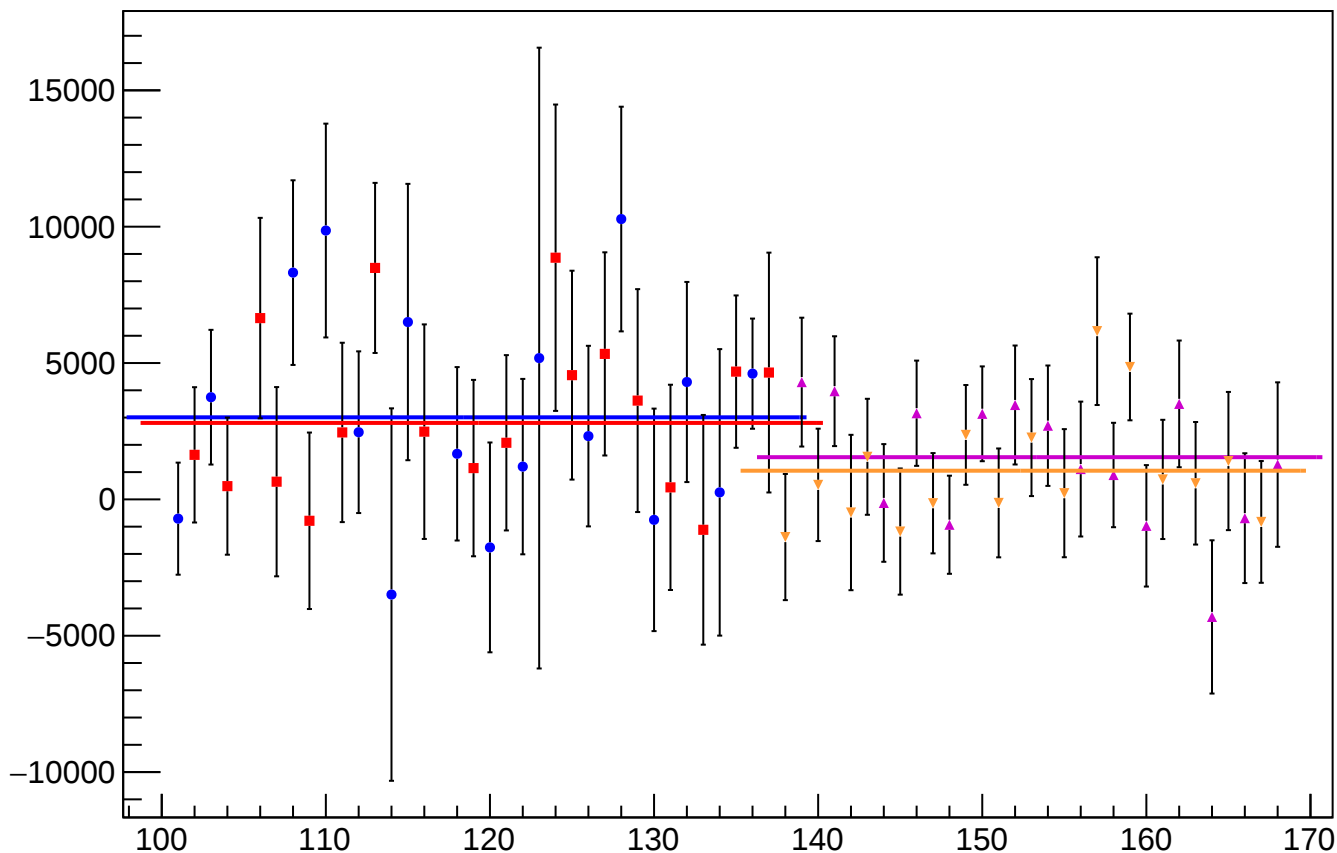
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

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

Out: 1546.694+/-0.256 χ^2/NDF : 1302715.5/33

All: 1550.985+/-0.183 χ^2/NDF : 2791470.9/65

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1051.552+/-545.638 χ^2/NDF : 12.3/15

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

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

Left: 1293.604+/-390.451 χ^2/NDF : 28.0/30

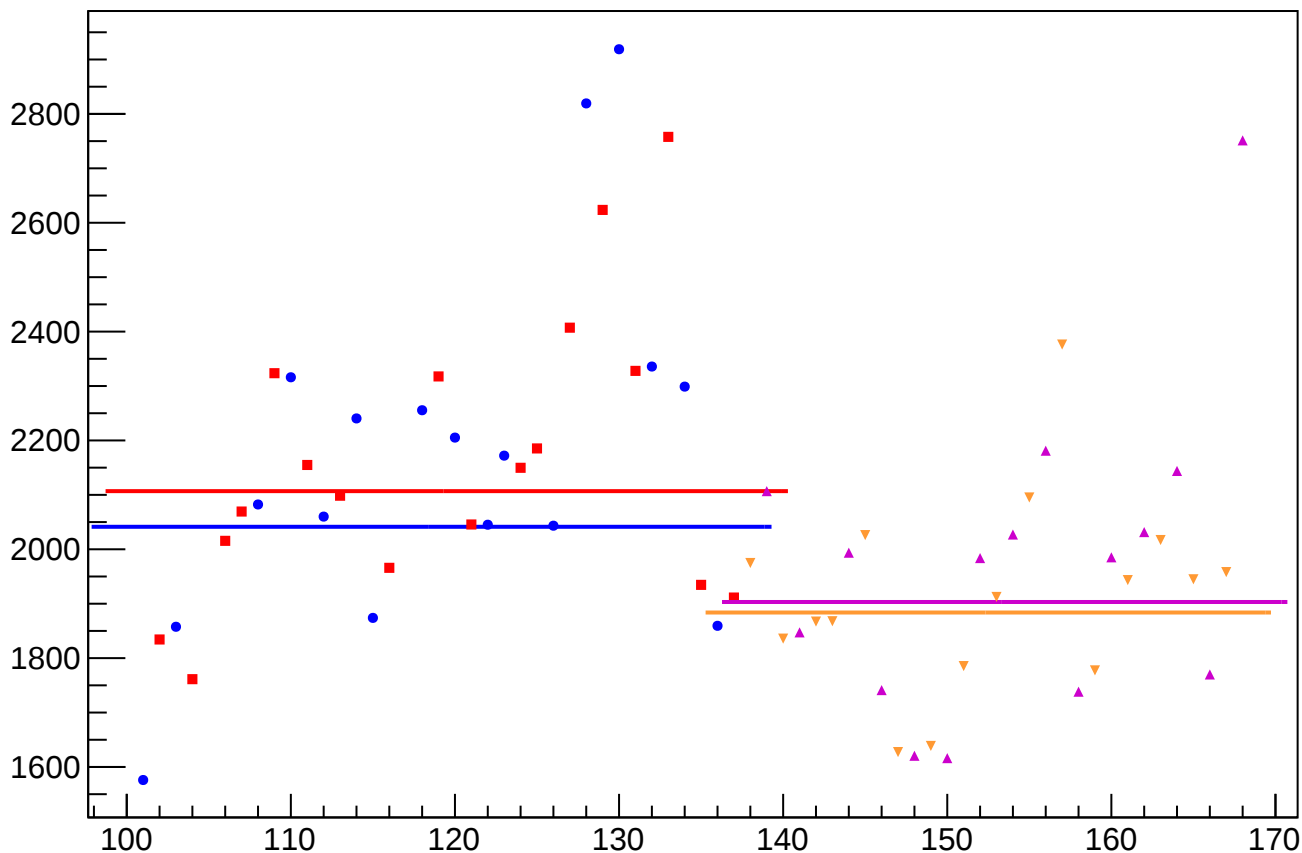
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

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

Out: 1608.324+/-450.699 χ^2/NDF : 26.8/33

All: 1814.418+/-321.289 χ^2/NDF : 62.1/65

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1883.819 $\pm$ 0.386 χ^2 /NDF: 192022.5/15

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

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

Left: 1893.256 $\pm$ 0.276 χ^2 /NDF: 568160.4/30

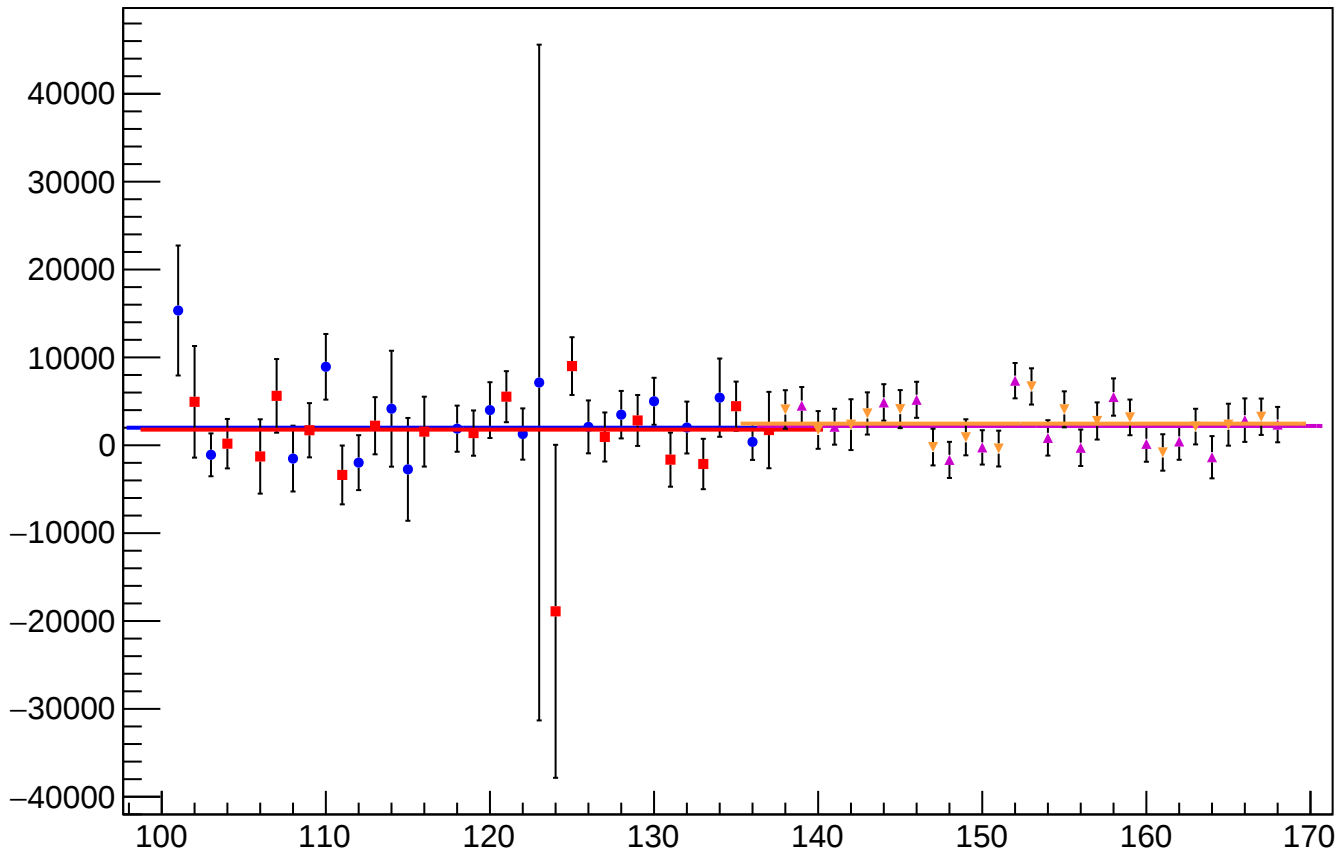
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

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

Out: 1954.678 $\pm$ 0.319 χ^2 /NDF: 494905.5/33

All: 1951.648 $\pm$ 0.227 χ^2 /NDF: 1248561.6/65

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2461.509 $\pm$ 537.370 χ^2 /NDF:13.3/15

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

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

Left: 2330.412 $\pm$ 380.795 χ^2 /NDF: 38.3/30

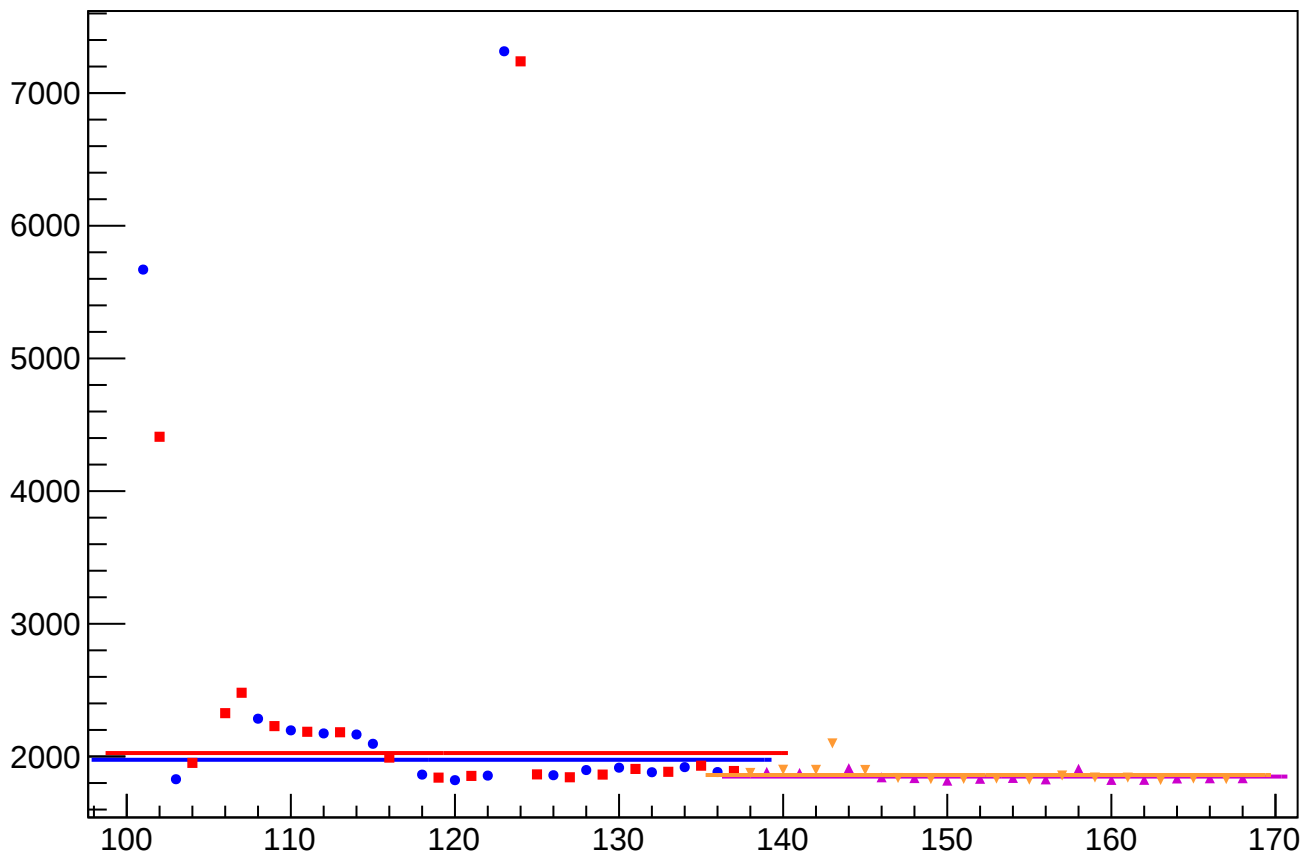
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

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

Out: 2243.439 $\pm$ 442.853 χ^2 /NDF:30.1/33

All: 2188.957 $\pm$ 313.587 χ^2 /NDF: 69.8/65

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1860.361+/-0.380 χ^2/NDF : 25214.9/15

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

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

Left: 1854.480+/-0.269 χ^2/NDF : 31710.2/30

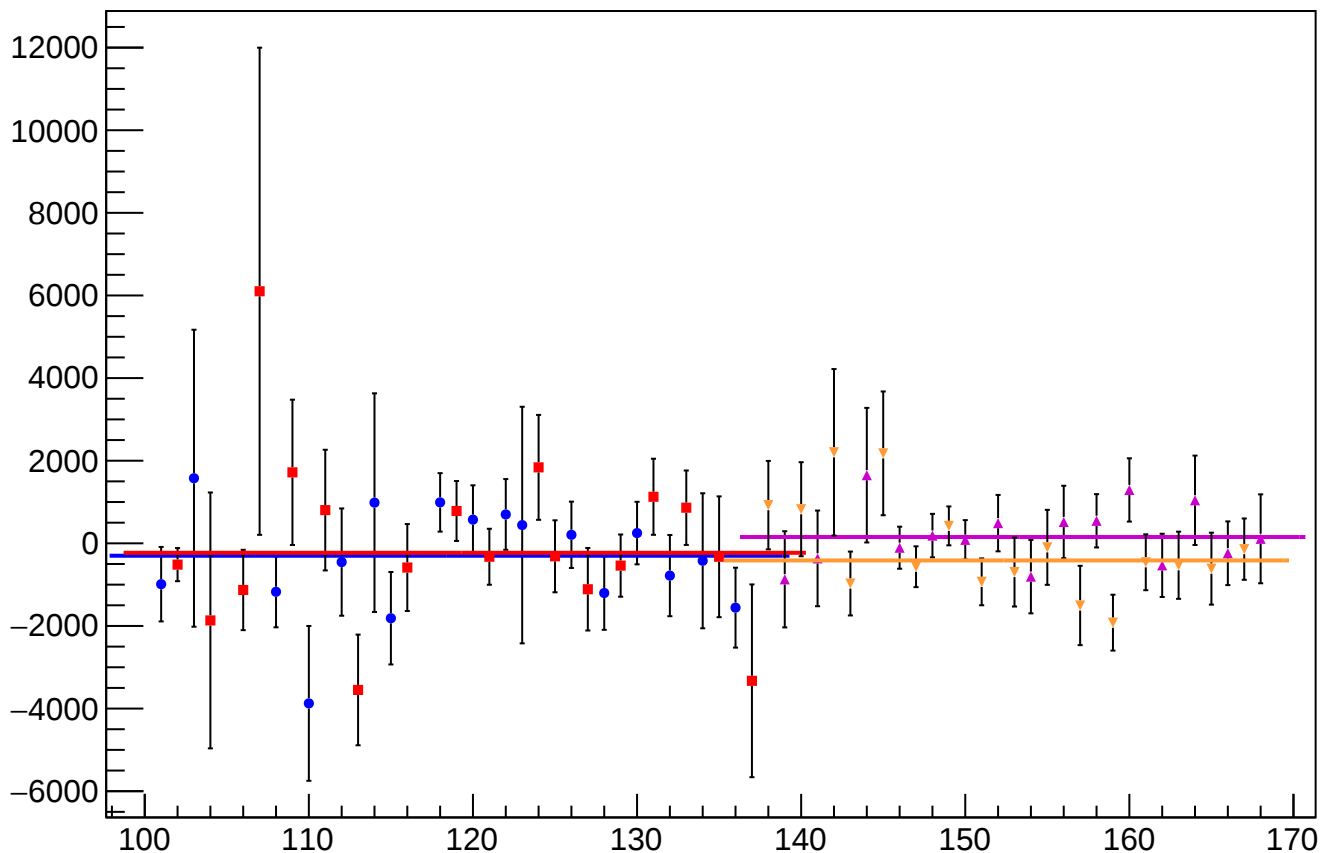
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

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

Out: 1913.463+/-0.313 χ^2/NDF : 621472.5/33

All: 1901.469+/-0.222 χ^2/NDF : 1265769.5/65

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -414.039 $\pm$ 187.387 χ^2/NDF : 18.7/15

Right Out: -228.794 $\pm$ 215.624 χ^2/NDF : 21.8/17

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

Left: -134.586 $\pm$ 133.456 χ^2/NDF : 31.3/30

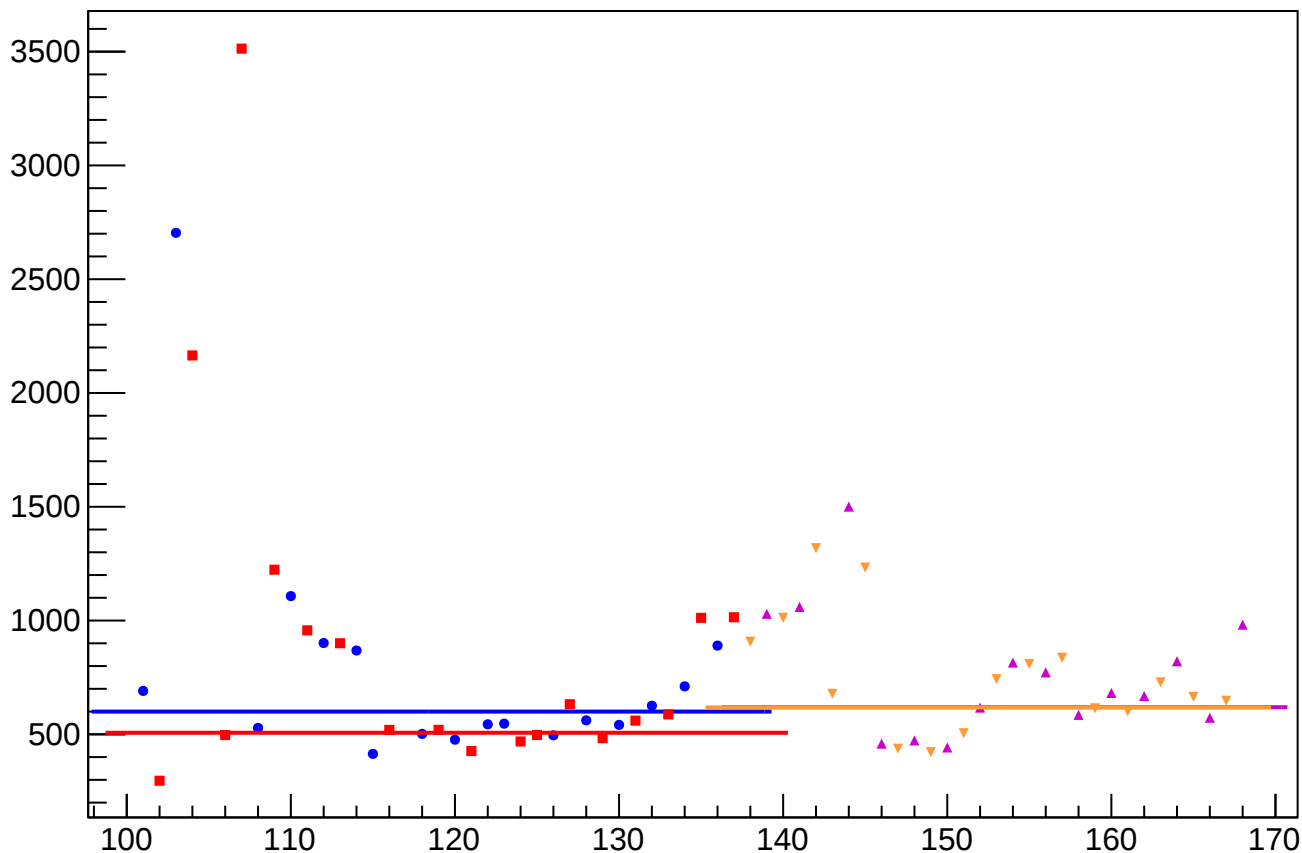
Right: -259.640 $\pm$ 162.327 χ^2/NDF : 39.2/34

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

Out: -334.332 $\pm$ 141.440 χ^2/NDF : 40.9/33

All: -185.022 $\pm$ 103.089 χ^2/NDF : 70.8/65

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 618.336 $\pm$ 0.133 χ^2 /NDF:1955349.6/15

Right Out: 506.876 $\pm$ 0.152 χ^2 /NDF: 2760863.3/17

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

Left: 618.817 $\pm$ 0.094 χ^2 /NDF: 4196304.1/30

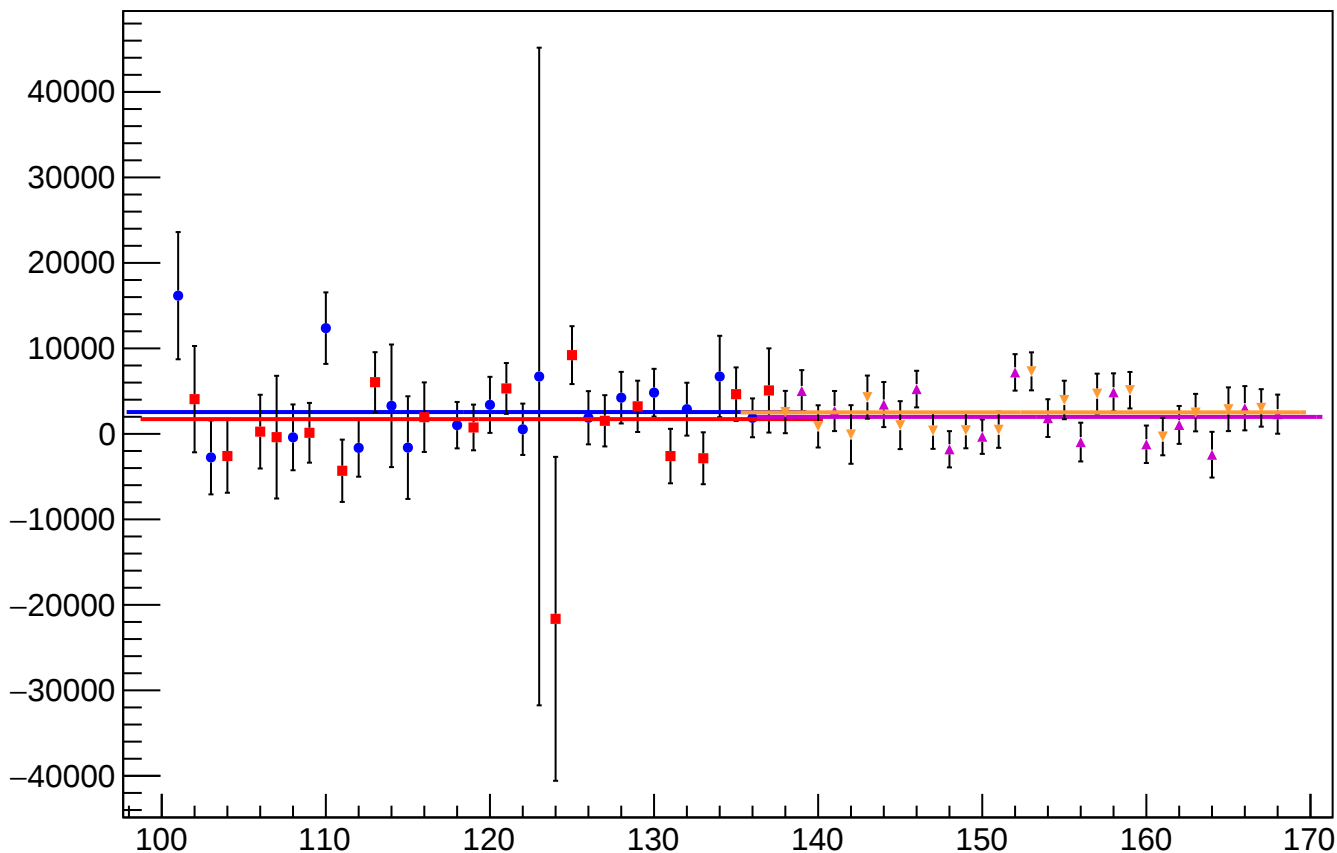
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

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

Out: 570.377 $\pm$ 0.100 χ^2 /NDF:5020682.8/33

All: 589.934 $\pm$ 0.073 χ^2 /NDF: 8731954.3/65

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2520.143 $\pm$ 583.030 χ^2/NDF : 13.9/15

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

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

Left: 2255.712 $\pm$ 413.950 χ^2/NDF : 37.6/30

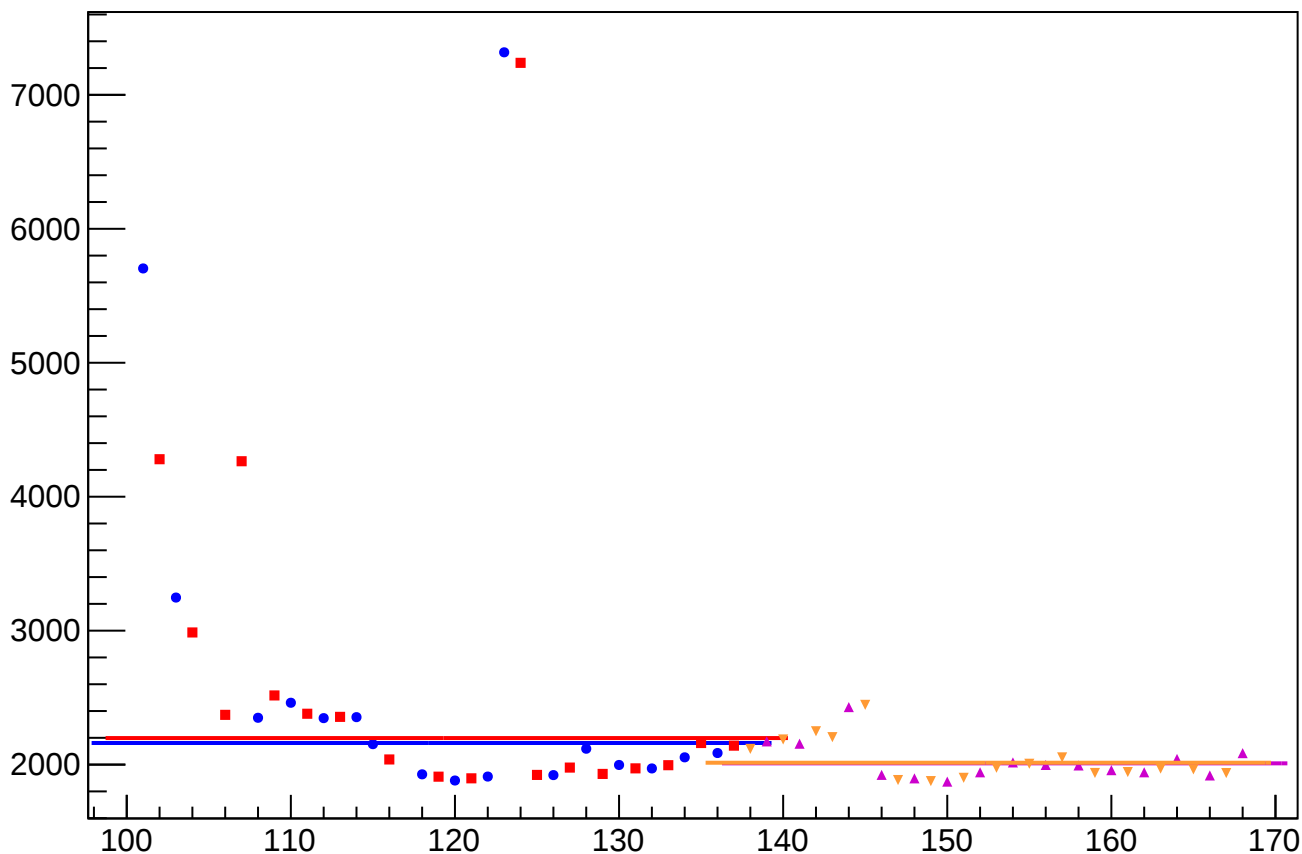
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

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

Out: 2268.484 $\pm$ 481.724 χ^2/NDF : 34.0/33

All: 2218.431 $\pm$ 341.817 χ^2/NDF : 73.3/65

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2014.058+/-0.412 χ^2/NDF :112853.2/15

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

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

Left: 2011.767+/-0.293 χ^2/NDF : 208423.4/30

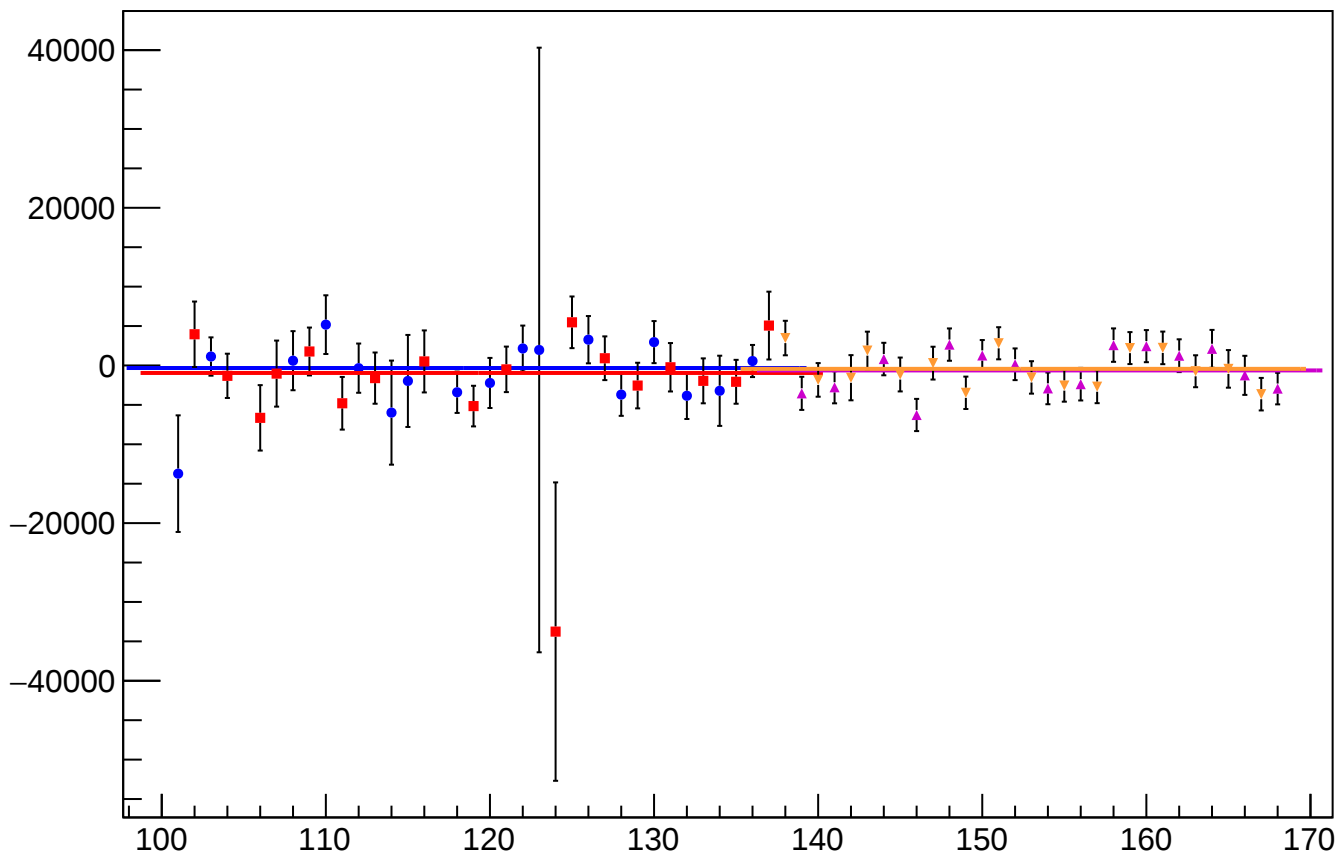
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2057.918+/-0.343 χ^2/NDF :849406.1/31

Out: 2072.486+/-0.341 χ^2/NDF :910025.8/33

All: 2065.253+/-0.242 χ^2/NDF : 1760340.1/65

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -430.770+/-535.723 χ^2/NDF :18.0/15

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

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

Left: -530.287+/-379.711 χ^2/NDF : 42.9/30

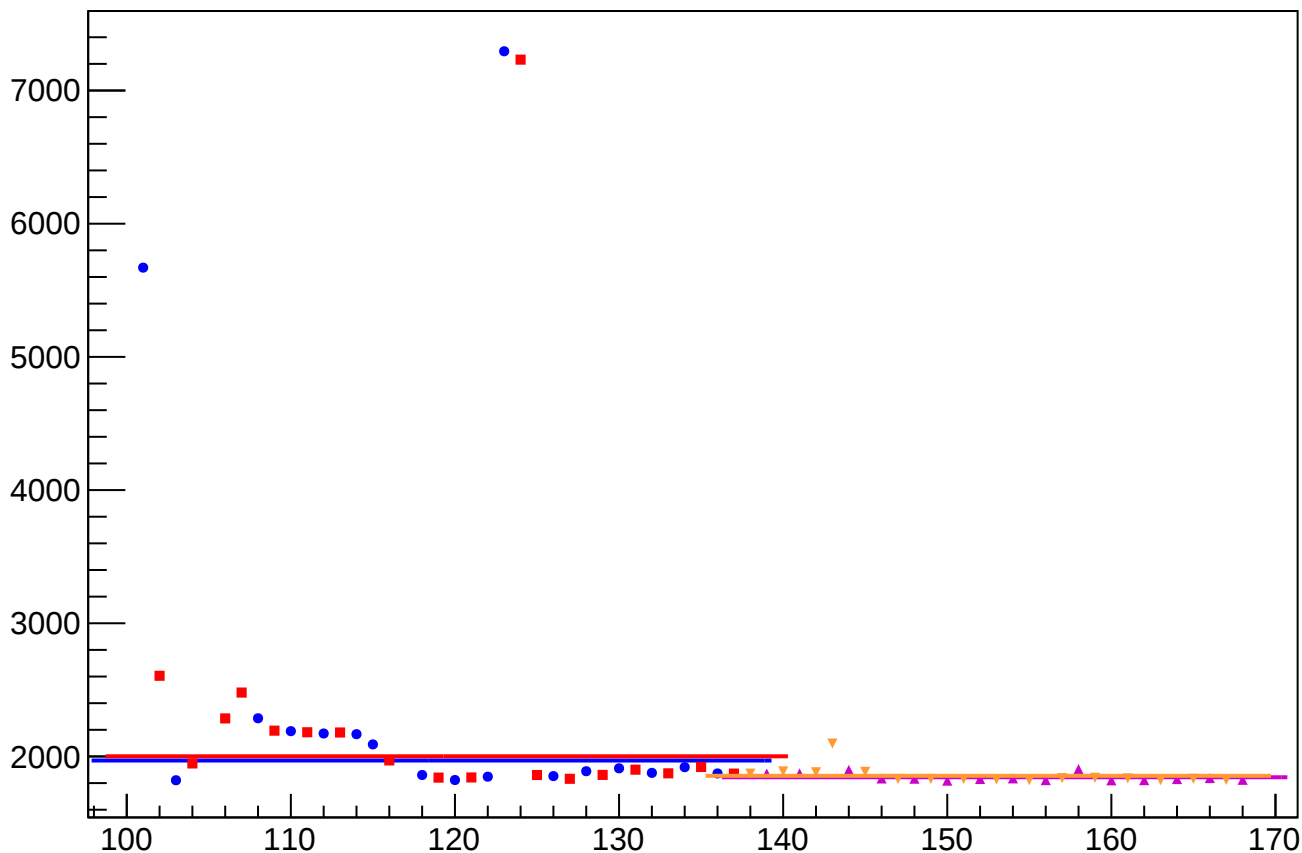
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

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

Out: -600.469+/-439.812 χ^2/NDF :36.5/33

All: -566.291+/-312.091 χ^2/NDF : 77.2/65

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1854.740+/-0.379 χ^2/NDF : 24698.8/15

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

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

Left: 1849.266+/-0.268 χ^2/NDF : 30452.9/30

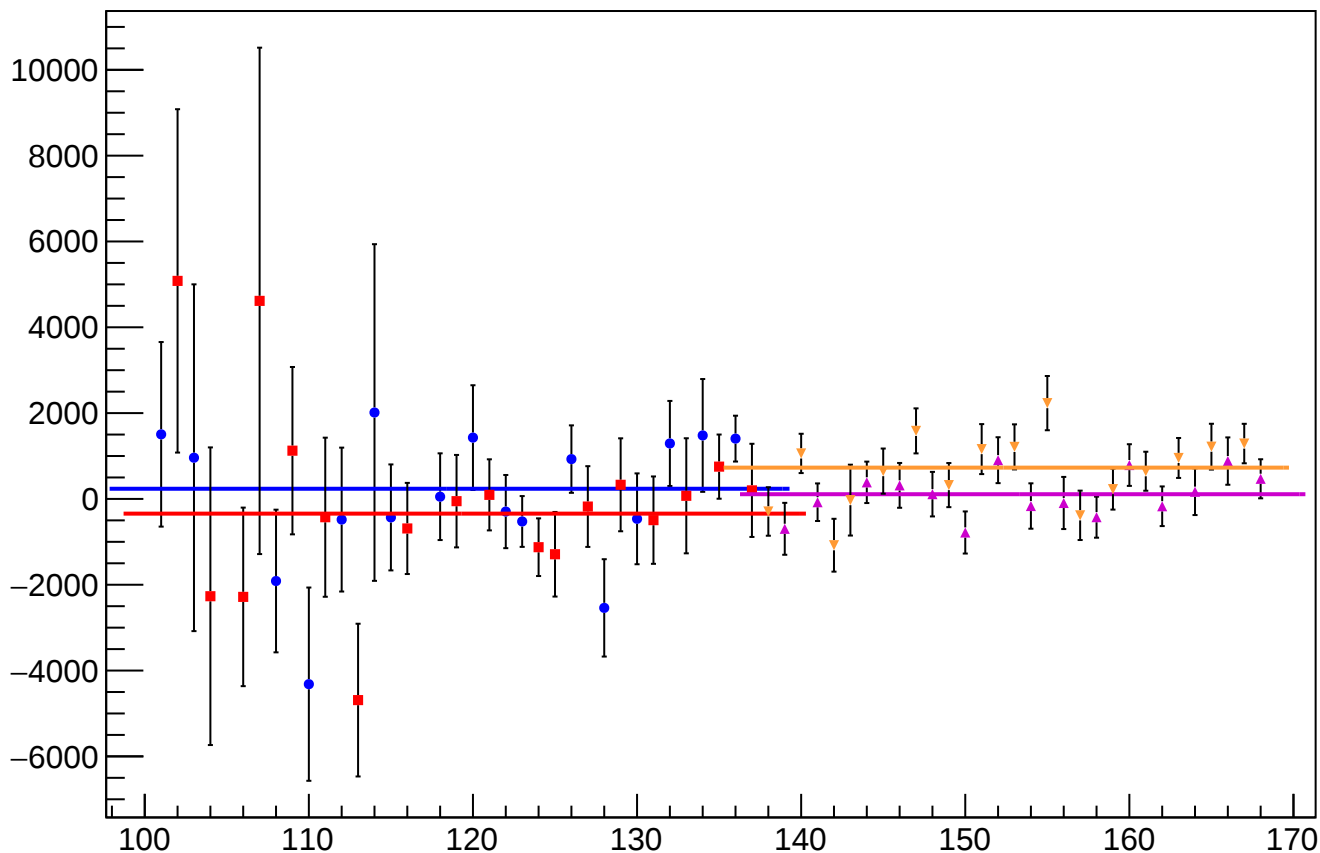
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

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

Out: 1902.480+/-0.311 χ^2/NDF : 364041.1/33

All: 1893.475+/-0.221 χ^2/NDF : 1009120.4/65

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 729.297 $\pm$ 132.209 χ^2 /NDF:31.1/15

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

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

Left: 416.508 $\pm$ 93.032 χ^2 /NDF: 56.6/30

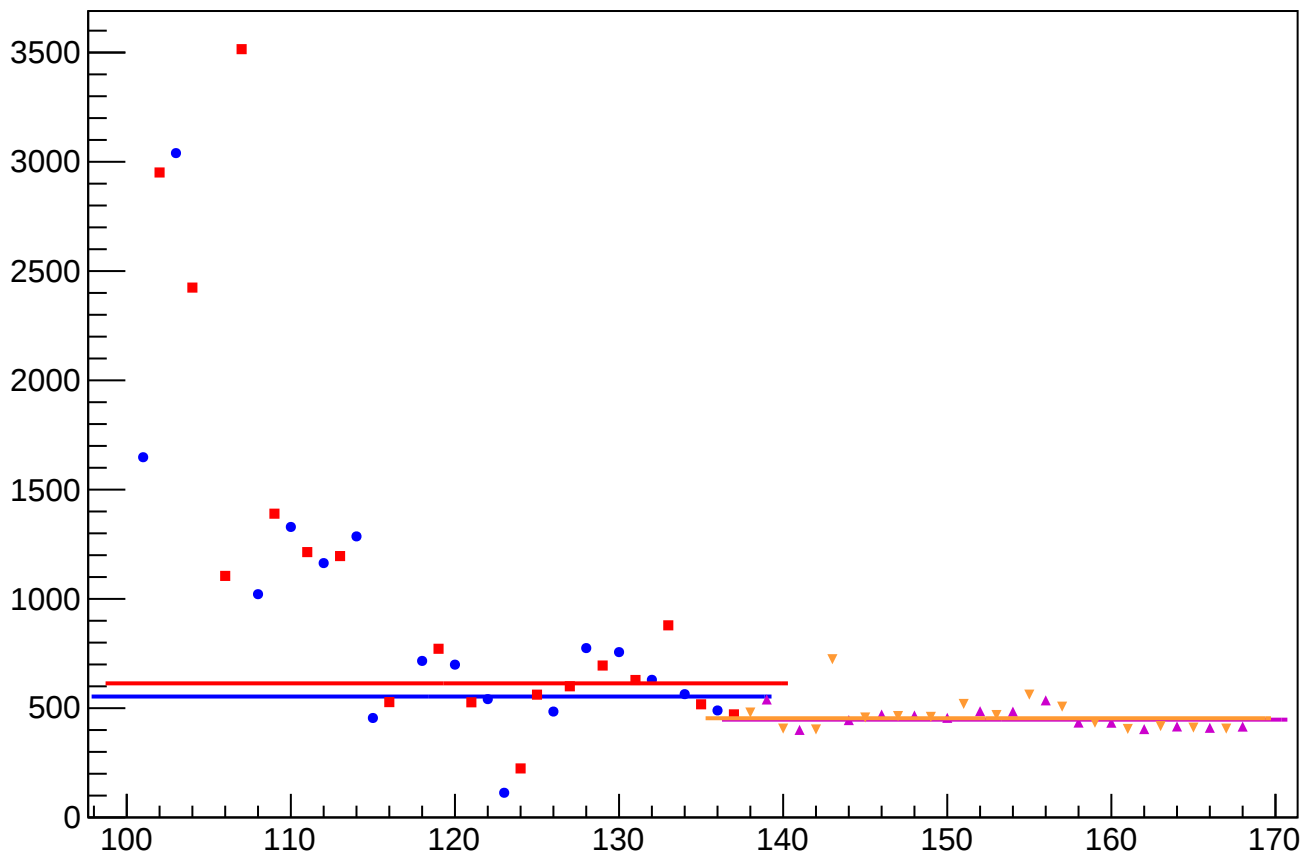
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

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

Out: 520.185 $\pm$ 118.617 χ^2 /NDF:59.8/33

All: 324.240 $\pm$ 82.879 χ^2 /NDF: 103.7/65

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 453.898 $\pm$ 0.093 χ^2 /NDF: 429820.7/15

Right Out: 613.577 $\pm$ 0.190 χ^2 /NDF: 3476374.3/17

Left In: 447.467 $\pm$ 0.093 χ^2 /NDF: 185196.5/14

Left: 450.652 $\pm$ 0.066 χ^2 /NDF: 617406.6/30

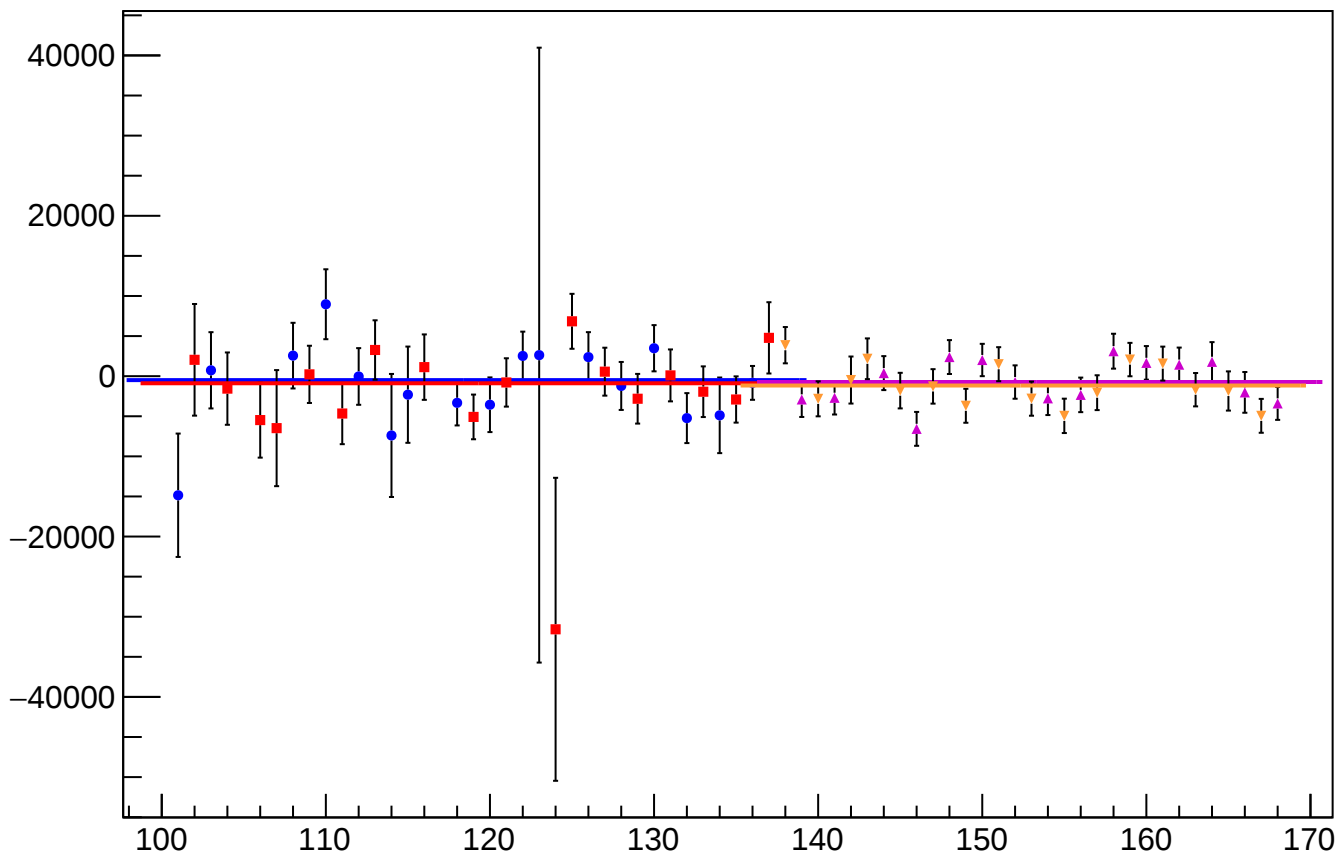
Right: 581.103 $\pm$ 0.129 χ^2 /NDF: 6943410.9/34

In: 470.445 $\pm$ 0.082 χ^2 /NDF: 3881584.1/31

Out: 485.044 $\pm$ 0.084 χ^2 /NDF: 4475236.8/33

All: 477.572 $\pm$ 0.059 χ^2 /NDF: 8372326.9/65

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1164.806 $\pm$ 553.239 χ^2 /NDF:21.7/15

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

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

Left: -946.532 $\pm$ 391.700 χ^2 /NDF: 45.8/30

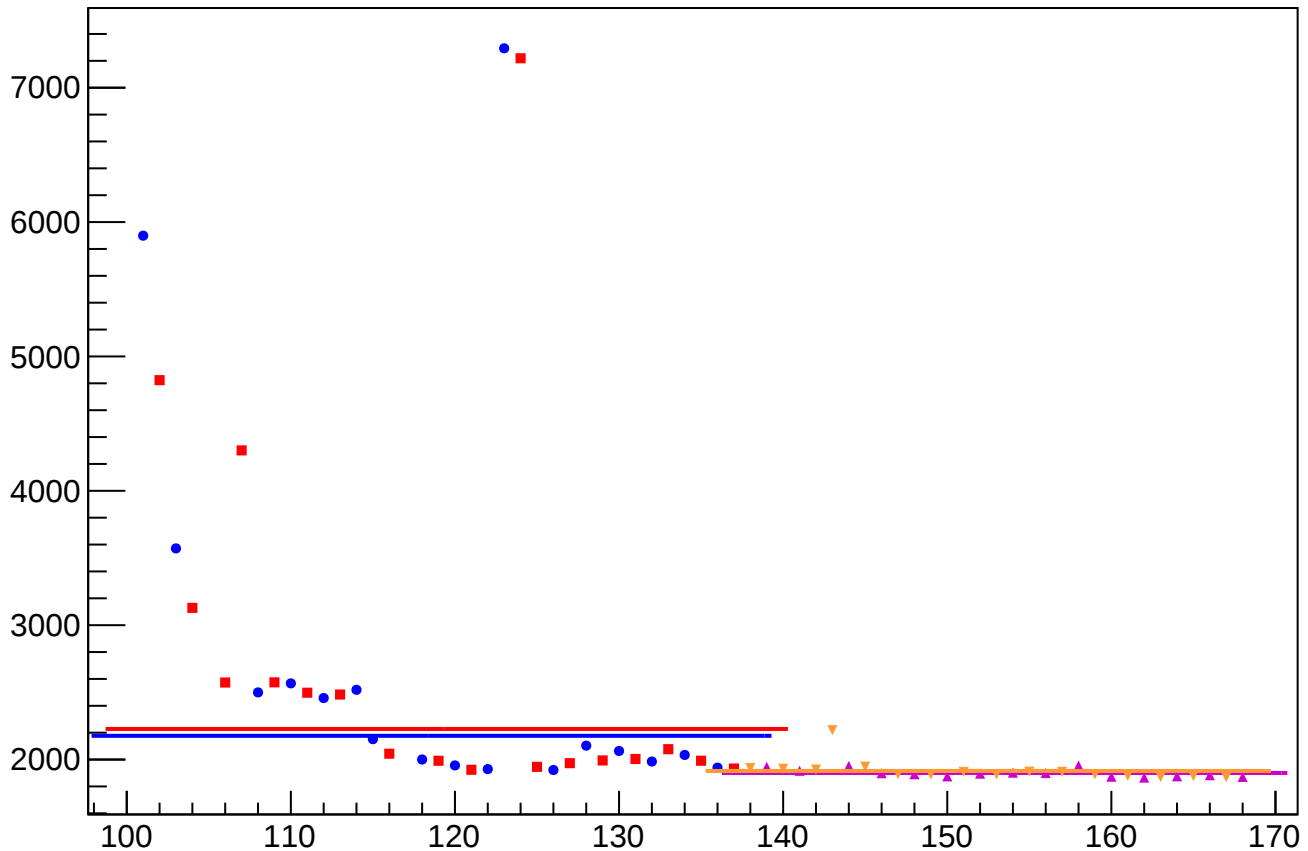
Right: -688.036 $\pm$ 614.167 χ^2 /NDF: 35.9/34

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

Out: -1084.025 $\pm$ 466.710 χ^2 /NDF:39.0/33

All: -871.789 $\pm$ 330.251 χ^2 /NDF: 81.8/65

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1915.251+/-0.391 χ^2/NDF : 33423.0/15

Right Out: 2227.688+/-0.615 χ^2/NDF : 825665.5/17

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

Left: 1907.675+/-0.277 χ^2/NDF : 39597.8/30

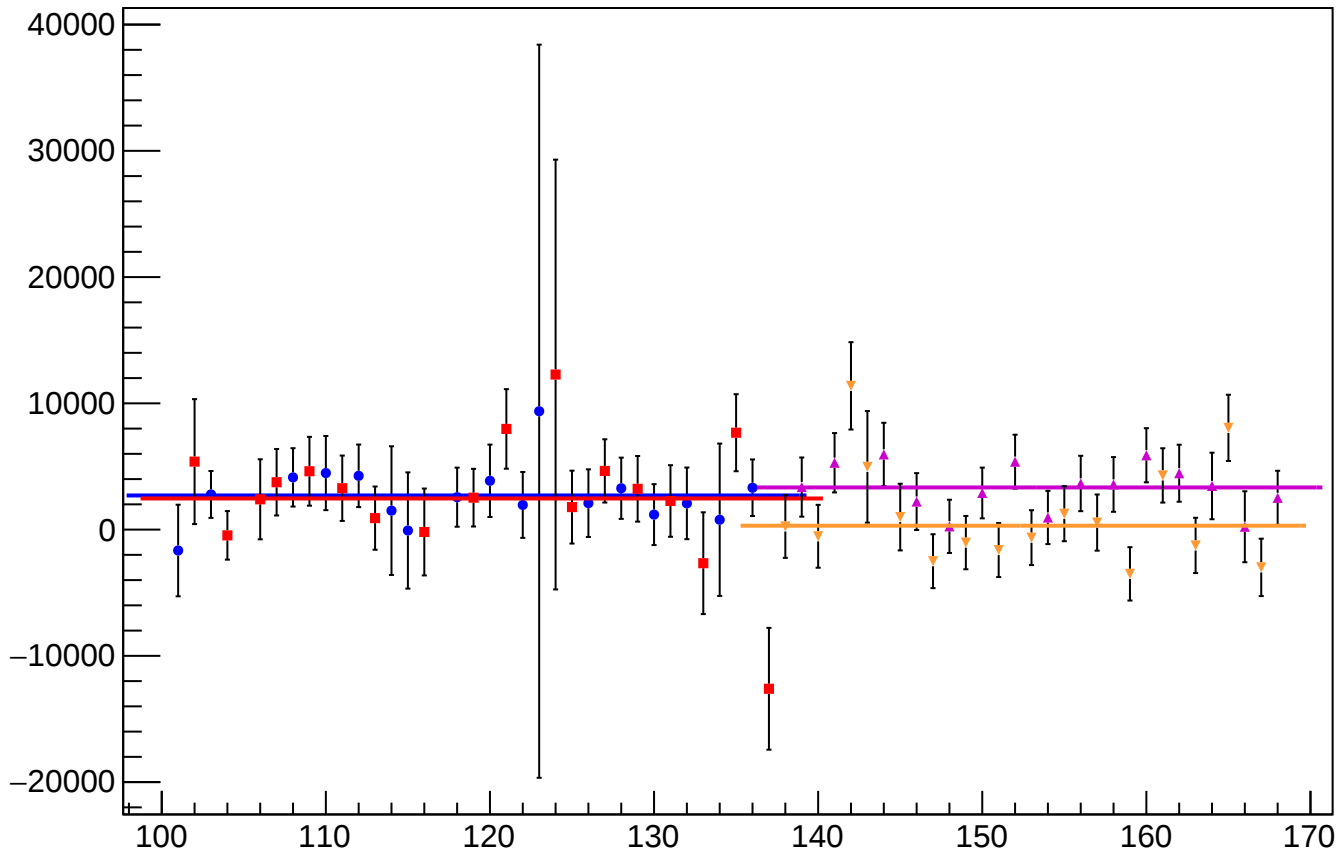
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

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

Out: 2005.341+/-0.330 χ^2/NDF : 1043015.8/33

All: 1992.831+/-0.234 χ^2/NDF : 1998296.2/65

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 307.979 $\pm$ 589.813 χ^2/NDF : 32.9/15

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

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

Left: 1845.272 $\pm$ 414.034 χ^2/NDF : 55.8/30

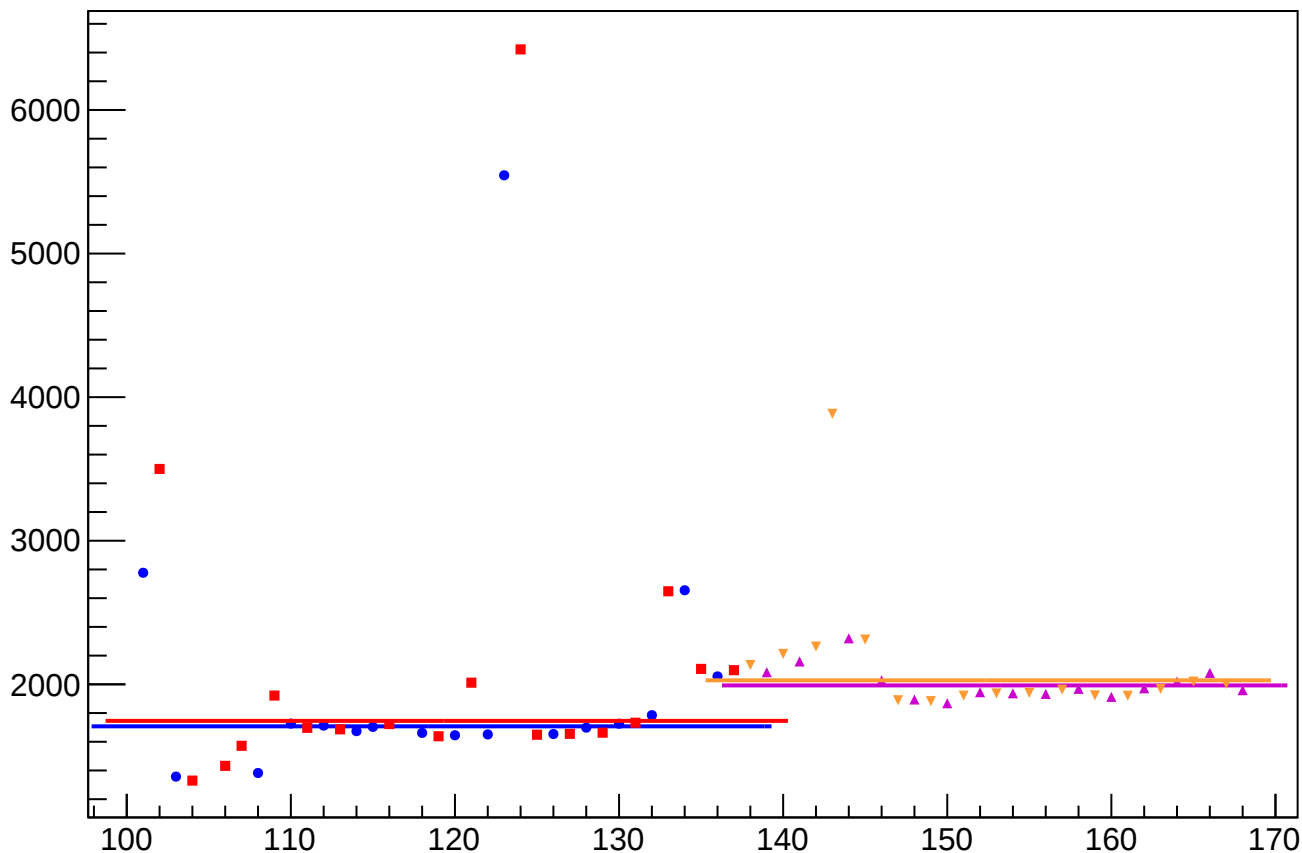
Right: 2585.697 $\pm$ 479.799 χ^2/NDF : 27.3/34

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

Out: 1228.803 $\pm$ 446.477 χ^2/NDF : 61.8/33

All: 2161.299 $\pm$ 313.460 χ^2/NDF : 84.4/65

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2027.797 ± 0.417 $\chi^2/\text{NDF}: 442734.7/15$

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

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

Left: 2009.828 ± 0.293 $\chi^2/\text{NDF}: 515871.7/30$

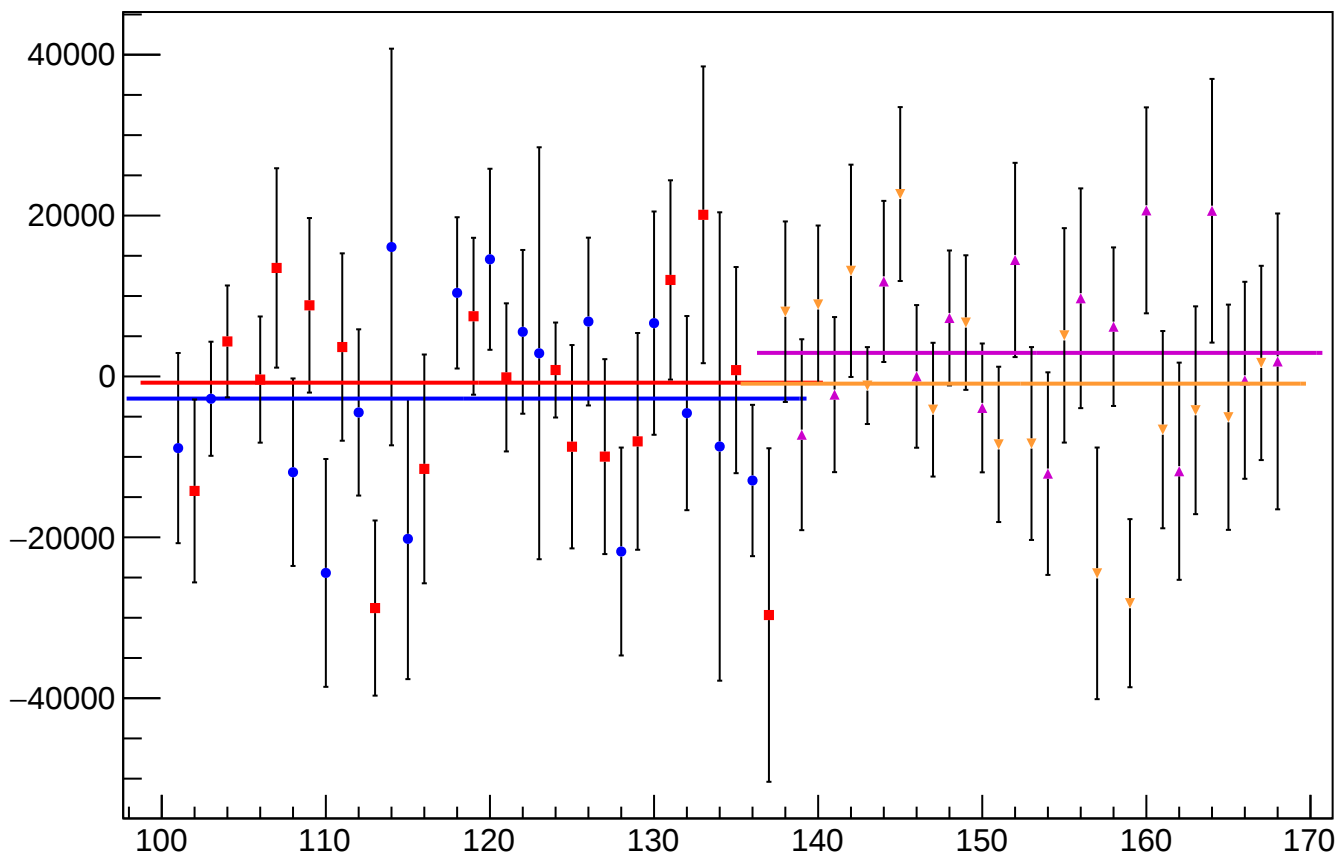
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

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

Out: 1907.246 ± 0.316 $\chi^2/\text{NDF}: 1337589.7/33$

All: 1888.755 ± 0.222 $\chi^2/\text{NDF}: 2041066.5/65$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -894.901 $\pm$ 2452.126 χ^2 /NDF:19.2/15

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

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

Left: 740.133 $\pm$ 1855.653 χ^2 /NDF: 30.2/30

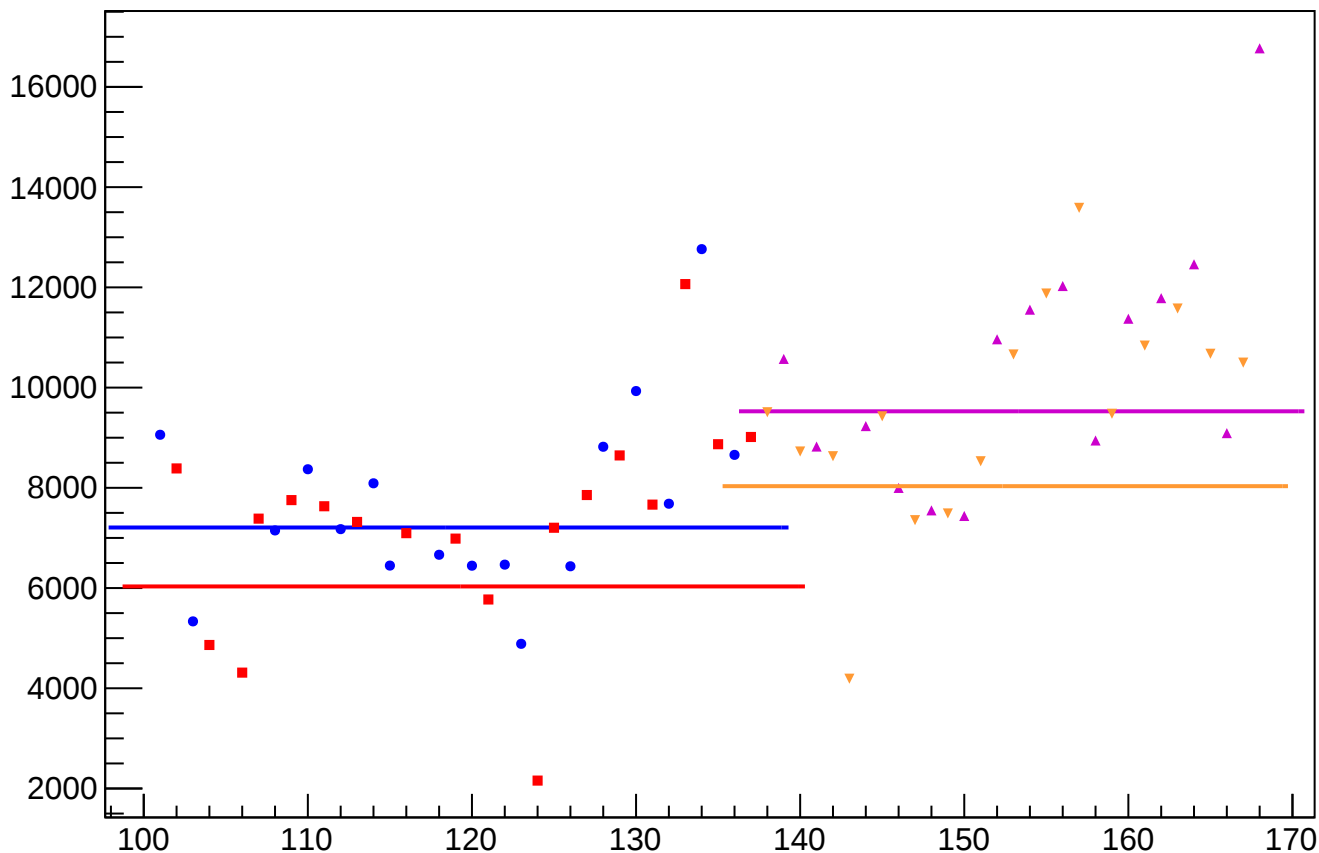
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

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

Out: -834.633 $\pm$ 1729.892 χ^2 /NDF:37.0/33

All: -439.155 $\pm$ 1310.764 χ^2 /NDF: 63.6/65

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346 $\pm$ 2.010 χ^2 /NDF: 493749.9/16

Left Out: 8033.010 $\pm$ 1.734 χ^2 /NDF: 2363887.7/15

Right Out: 6032.193 $\pm$ 1.726 χ^2 /NDF: 1797562.8/17

Left In: 9526.899 $\pm$ 2.007 χ^2 /NDF: 963034.3/14

Left: 8671.387 $\pm$ 1.312 χ^2 /NDF: 3644126.9/30

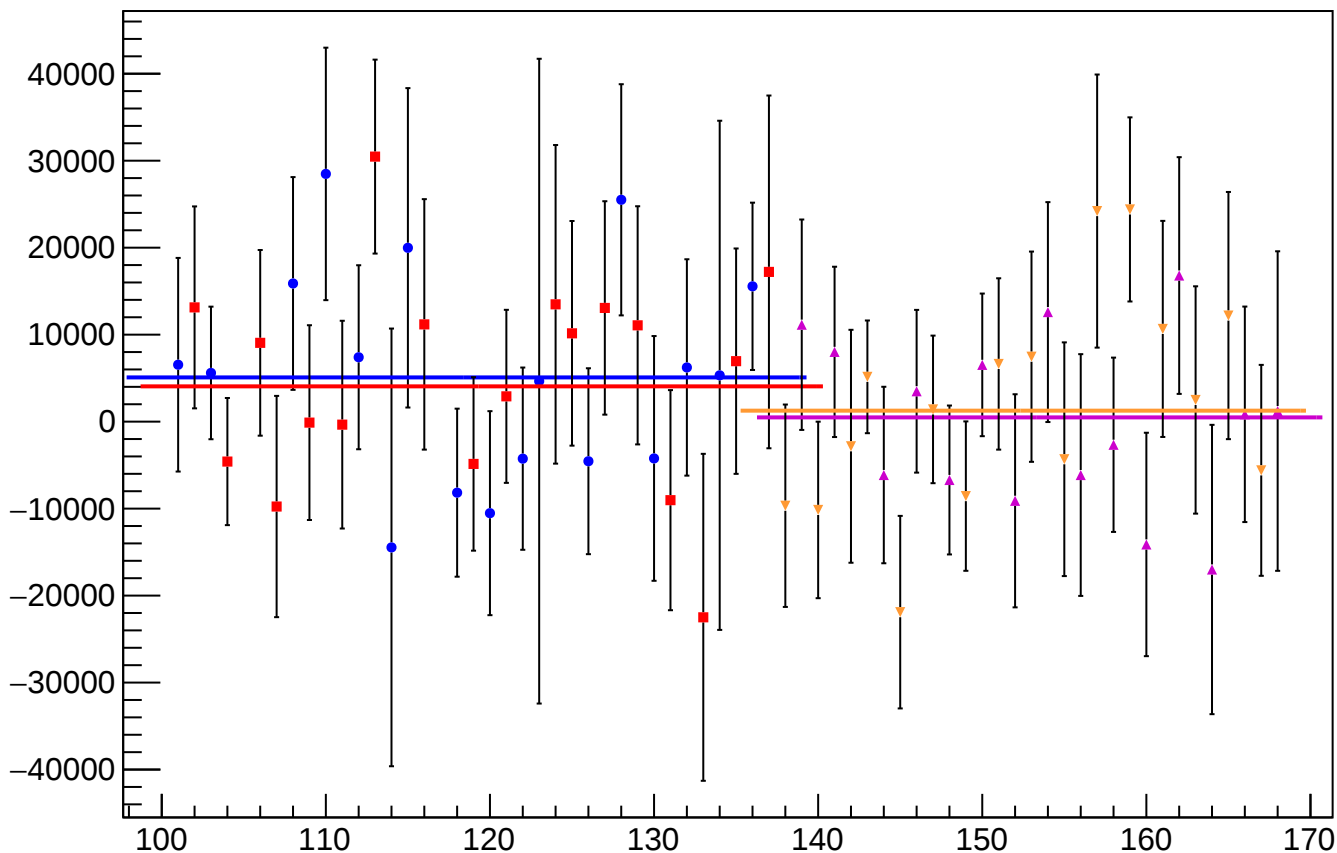
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 8369.138 $\pm$ 1.420 χ^2 /NDF: 2123025.2/31

Out: 7027.965 $\pm$ 1.223 χ^2 /NDF: 4830314.2/33

All: 7599.130 $\pm$ 0.927 χ^2 /NDF: 7465301.6/65

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1262.019 $\pm$ 2654.817 χ^2 /NDF:17.4/15

Right Out: 4055.589 $\pm$ 2800.076 χ^2 /NDF: 15.2/17

Left In: 487.469 $\pm$ 2892.171 χ^2 /NDF:8.8/14

Left: 907.826 $\pm$ 1955.776 χ^2 /NDF: 26.3/30

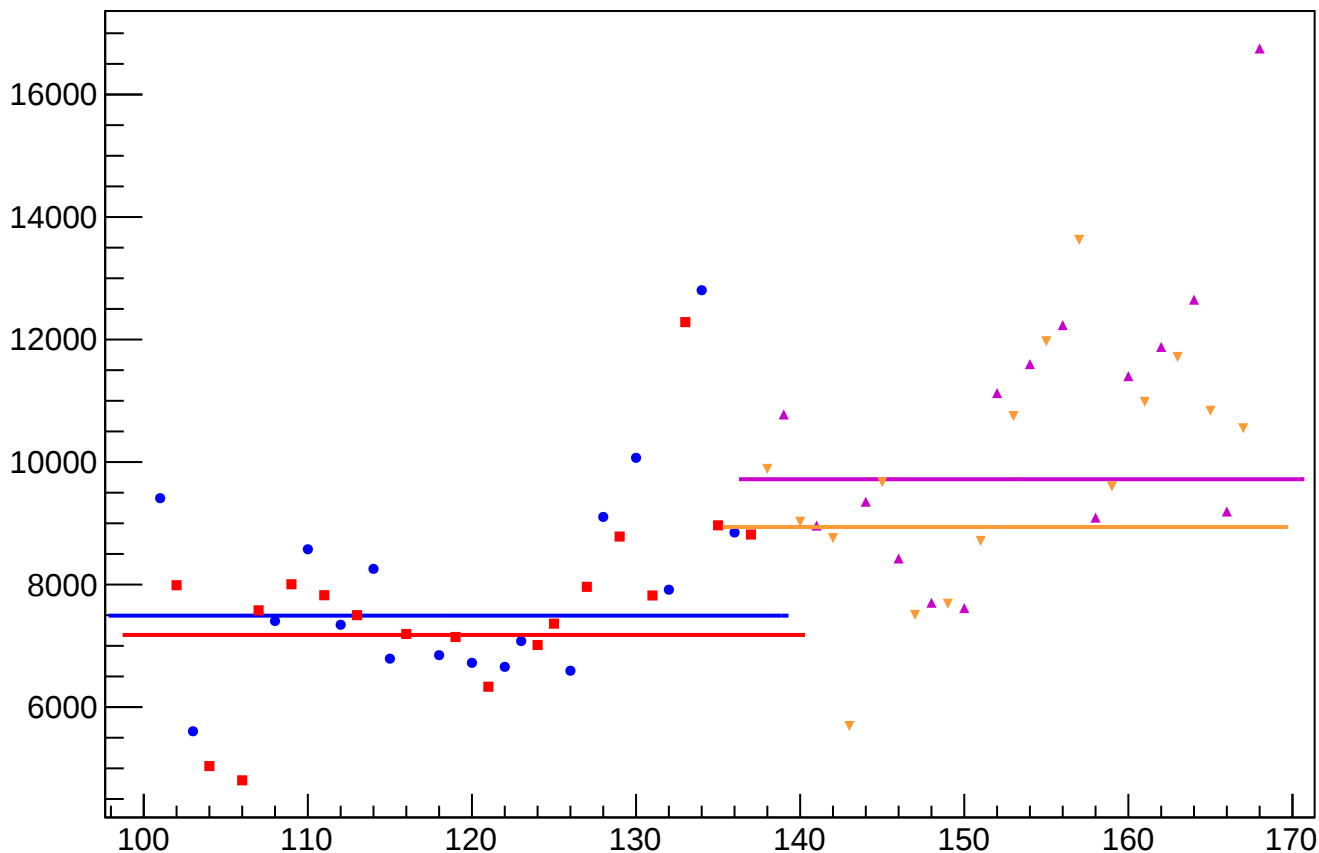
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 2736.466 $\pm$ 2067.013 χ^2 /NDF:24.0/31

Out: 2584.467 $\pm$ 1926.545 χ^2 /NDF:33.1/33

All: 2655.127 $\pm$ 1409.318 χ^2 /NDF: 57.2/65

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8940.364+/-1.877 χ^2/NDF : 1174506.1/15

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

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

Left: 9296.830+/-1.383 χ^2/NDF : 2151546.7/30

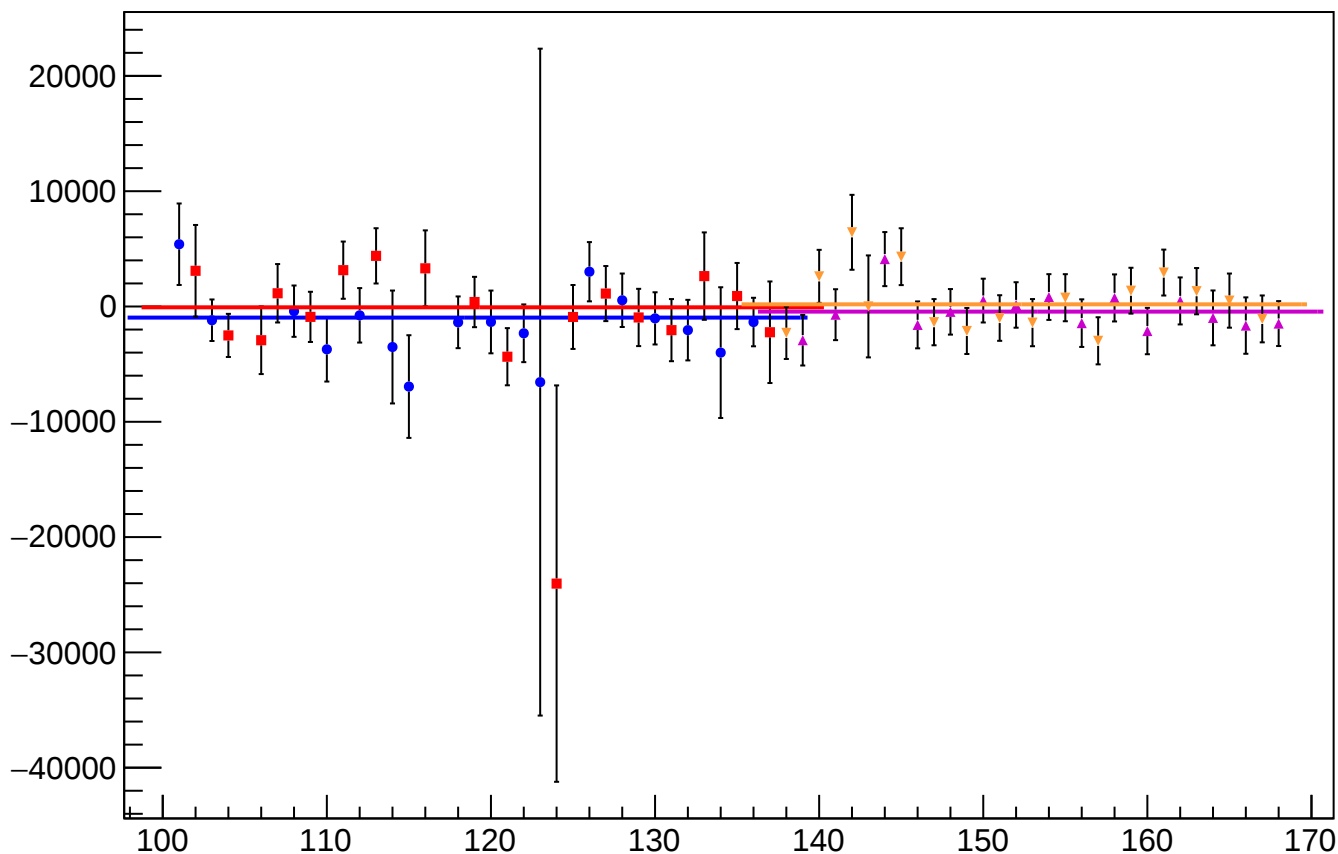
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

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

Out: 8105.876+/-1.362 χ^2/NDF : 2147780.4/33

All: 8349.695+/-0.996 χ^2/NDF : 4132098.9/65

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 187.537 $\pm$ 546.705 χ^2 /NDF:17.2/15

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

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

Left: -133.545 $\pm$ 383.583 χ^2 /NDF: 26.1/30

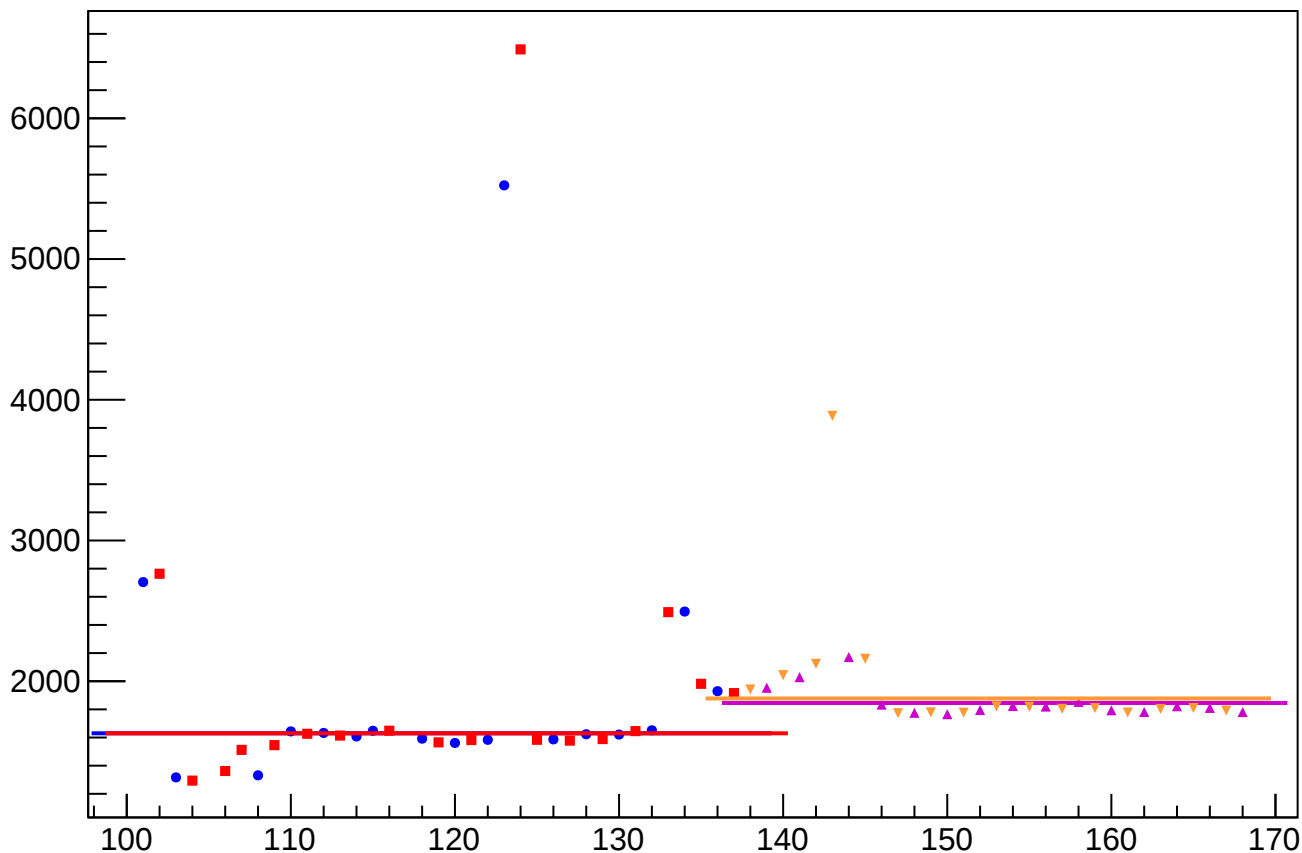
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

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

Out: 77.227 $\pm$ 414.149 χ^2 /NDF:34.0/33

All: -291.701 $\pm$ 292.360 χ^2 /NDF: 54.2/65

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1877.620+/-0.387 χ^2/NDF : 498879.7/15

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

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

Left: 1861.235+/-0.271 χ^2/NDF : 573881.9/30

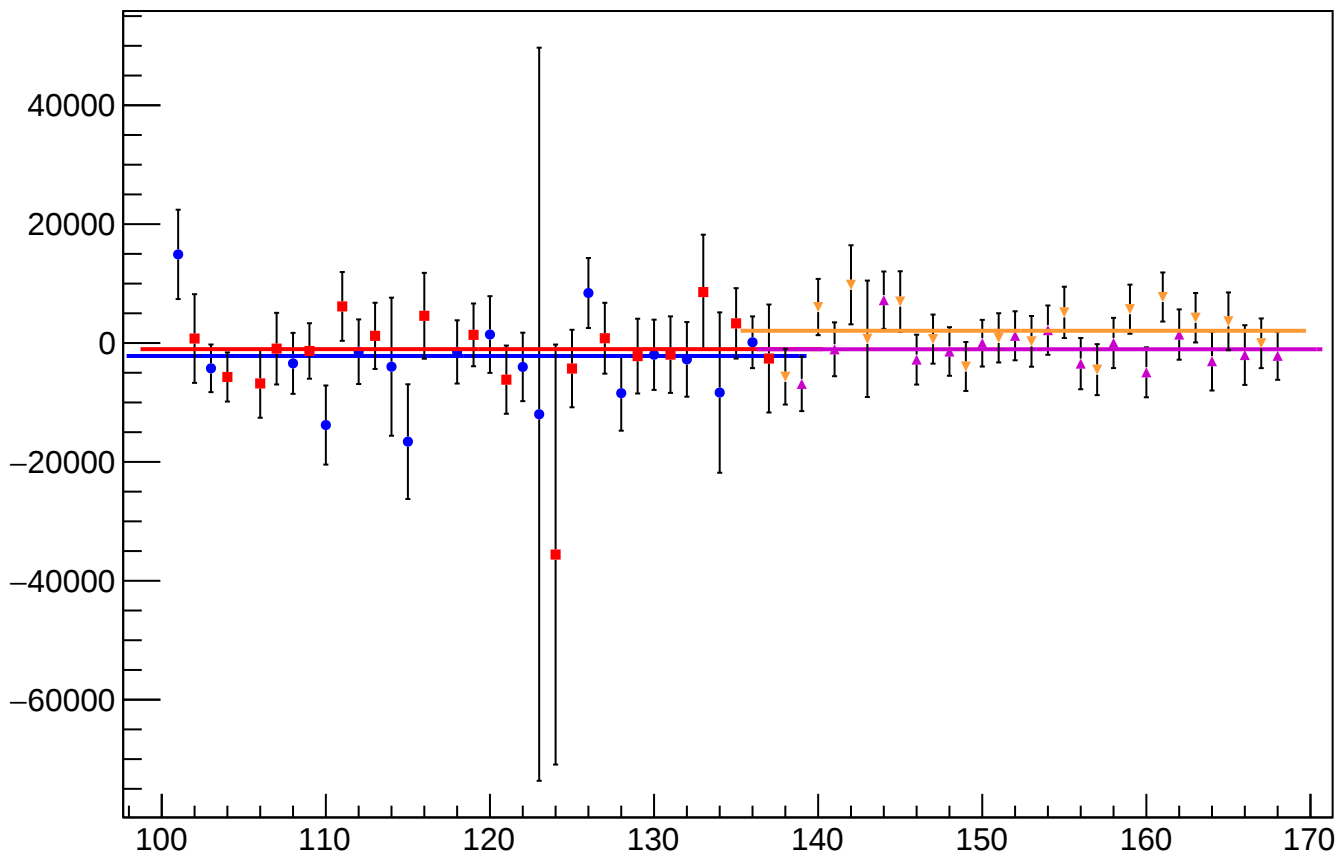
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

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

Out: 1772.074+/-0.293 χ^2/NDF : 1231261.9/33

All: 1764.307+/-0.207 χ^2/NDF : 1844217.4/65

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2063.365 $\pm$ 1135.594 χ^2 /NDF:14.4/15

Right Out: -1026.991 $\pm$ 1442.331 χ^2 /NDF: 8.6/17

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

Left: 481.823 $\pm$ 796.207 χ^2 /NDF: 25.7/30

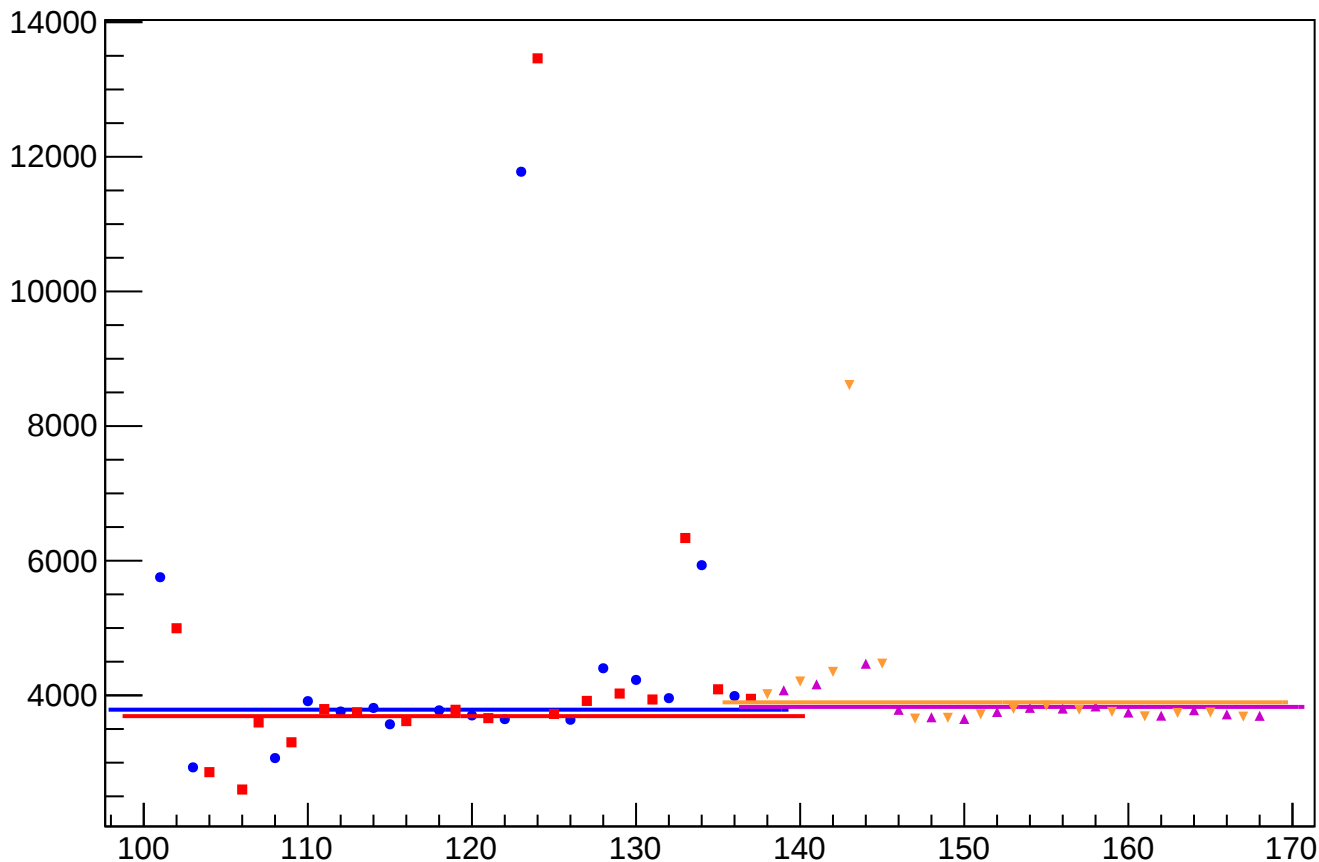
Right: -1583.224 $\pm$ 1037.341 χ^2 /NDF: 24.9/34

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

Out: 880.762 $\pm$ 892.236 χ^2 /NDF:25.8/33

All: -283.739 $\pm$ 631.607 χ^2 /NDF: 53.1/65

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3896.553+/-0.803 χ^2/NDF : 544122.6/15

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

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

Left: 3861.881+/-0.563 χ^2/NDF : 613873.9/30

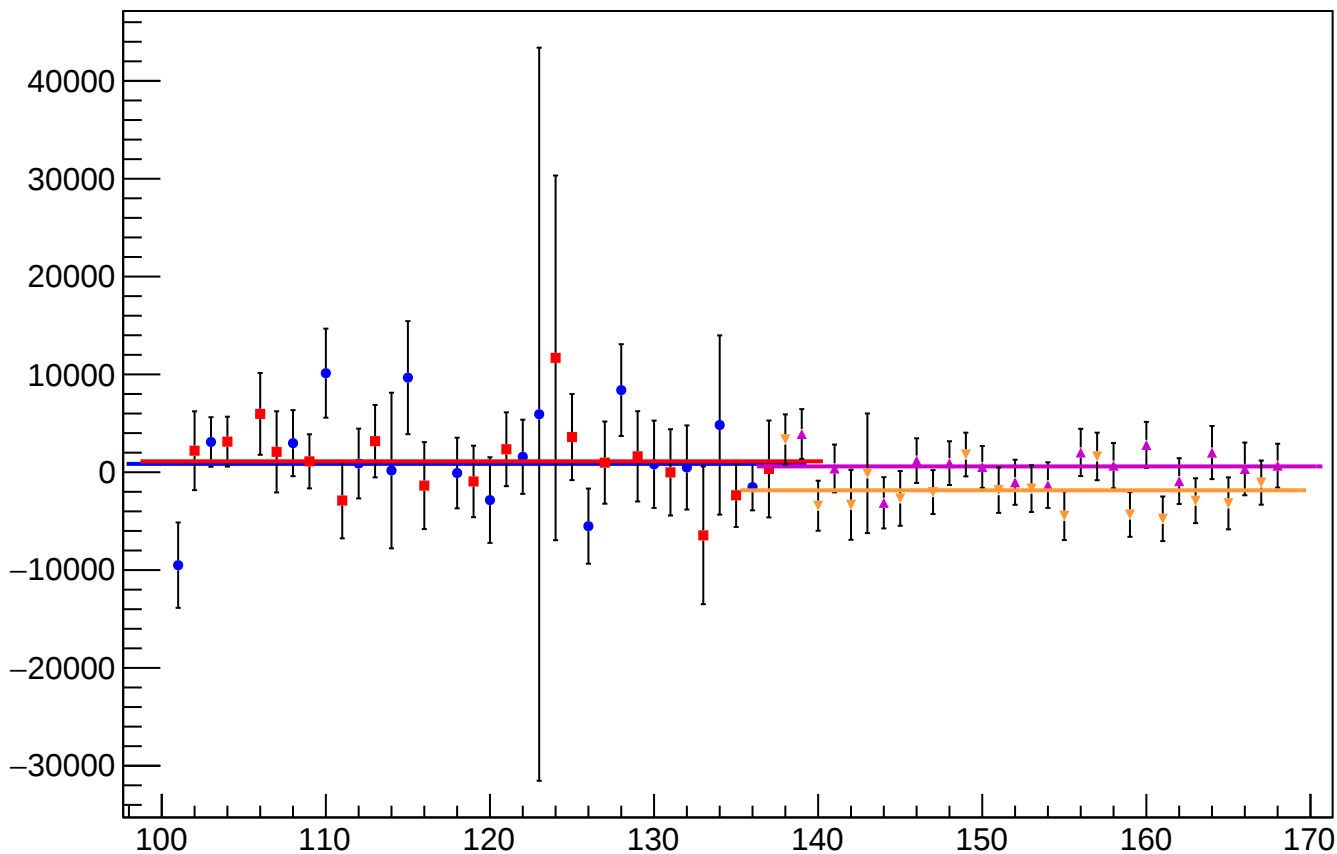
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

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

Out: 3817.985+/-0.631 χ^2/NDF : 1124296.7/33

All: 3815.811+/-0.447 χ^2/NDF : 1584025.1/65

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1844.377 $\pm$ 627.191 χ^2 /NDF: 14.0/15

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

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

Left: -600.222 $\pm$ 439.148 χ^2 /NDF: 28.7/30

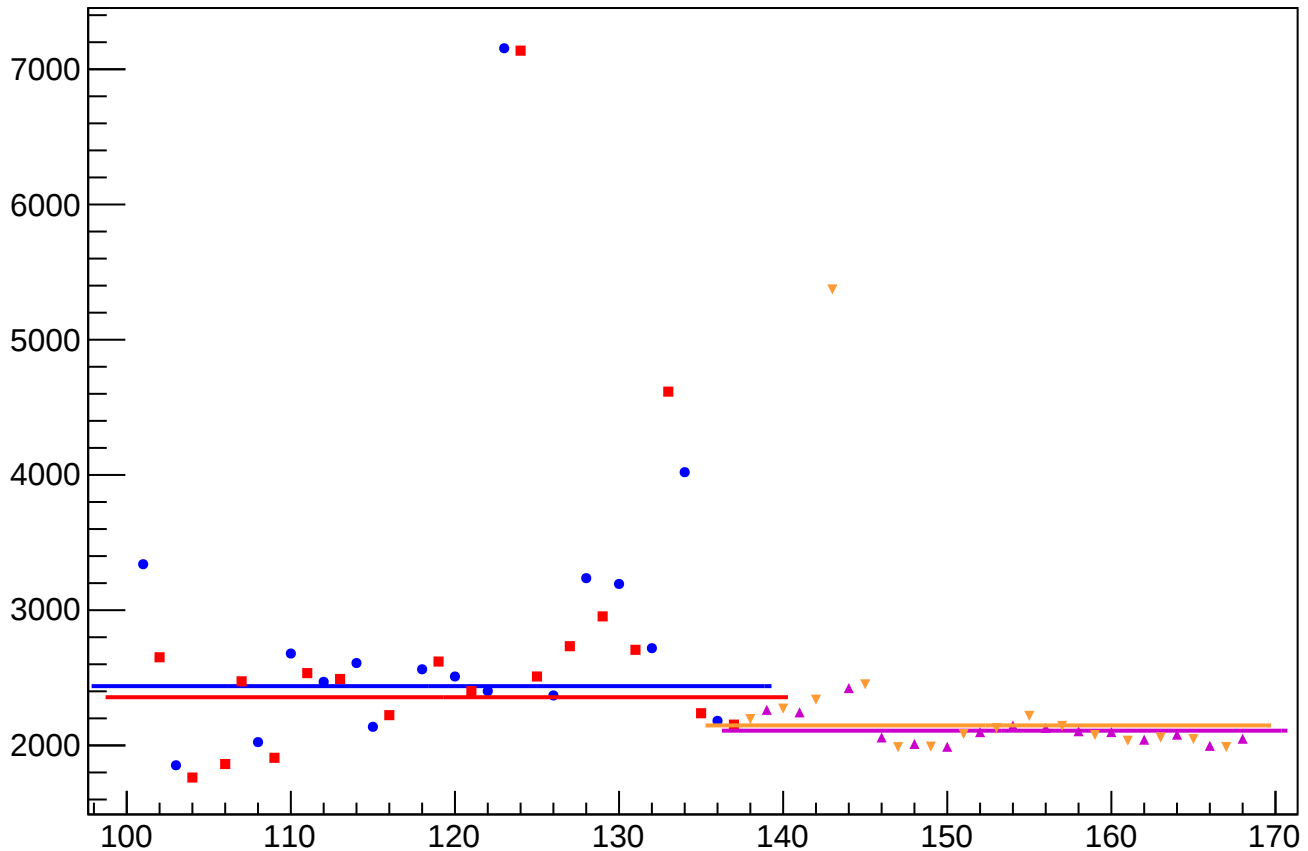
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

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

Out: -914.548 $\pm$ 519.499 χ^2 /NDF: 28.3/33

All: -120.235 $\pm$ 367.038 χ^2 /NDF: 60.6/65

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2147.859 ± 0.443 $\chi^2/\text{NDF}: 636633.4/15$

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

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

Left: 2128.049 ± 0.311 $\chi^2/\text{NDF}: 701459.7/30$

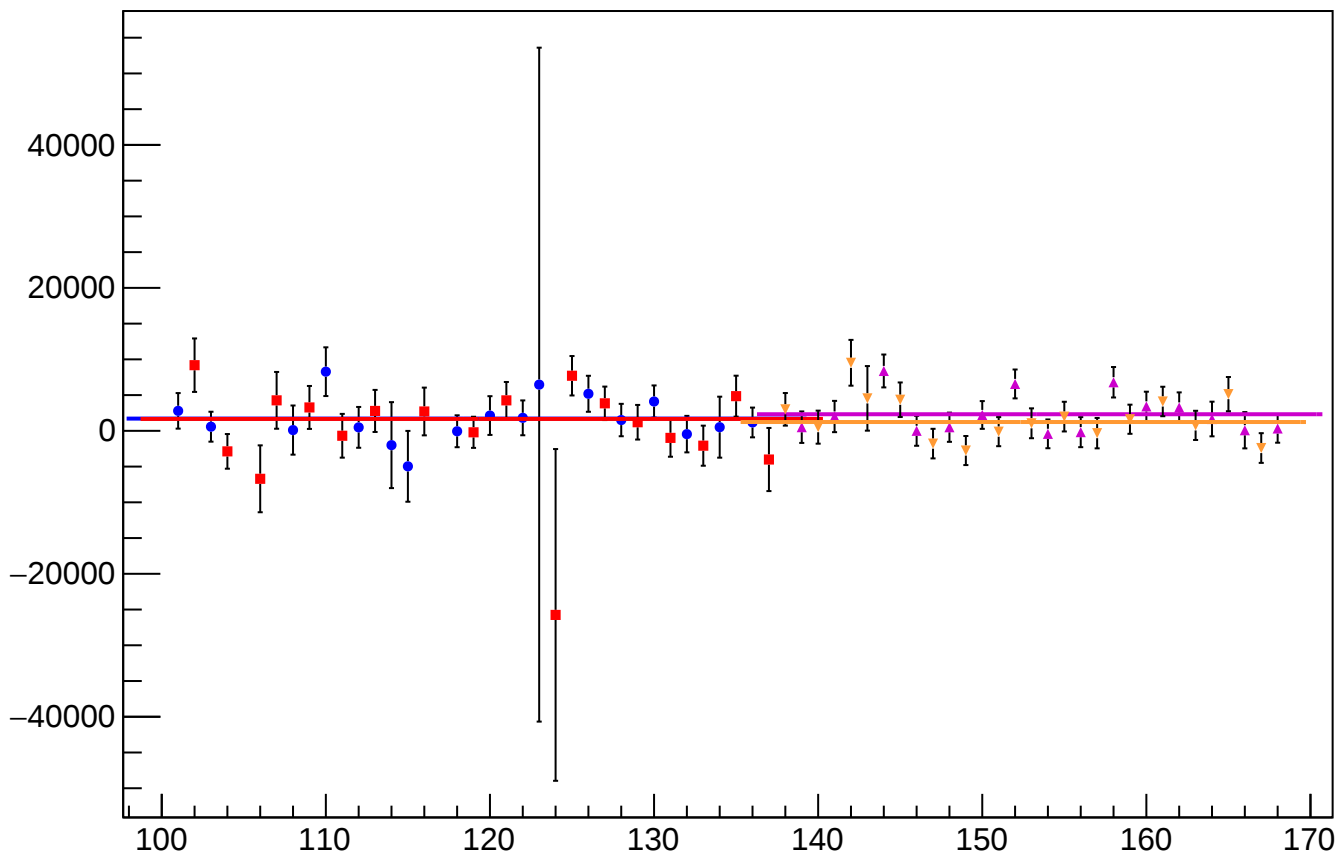
Right: 2395.716 ± 0.473 $\chi^2/\text{NDF}: 1113343.5/34$

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

Out: 2213.327 ± 0.367 $\chi^2/\text{NDF}: 1335183.0/33$

All: 2208.737 ± 0.260 $\chi^2/\text{NDF}: 2038783.5/65$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1234.029 ± 557.396 χ^2/NDF : 24.5/15

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

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

Left: 1786.296 ± 391.262 χ^2/NDF : 50.5/30

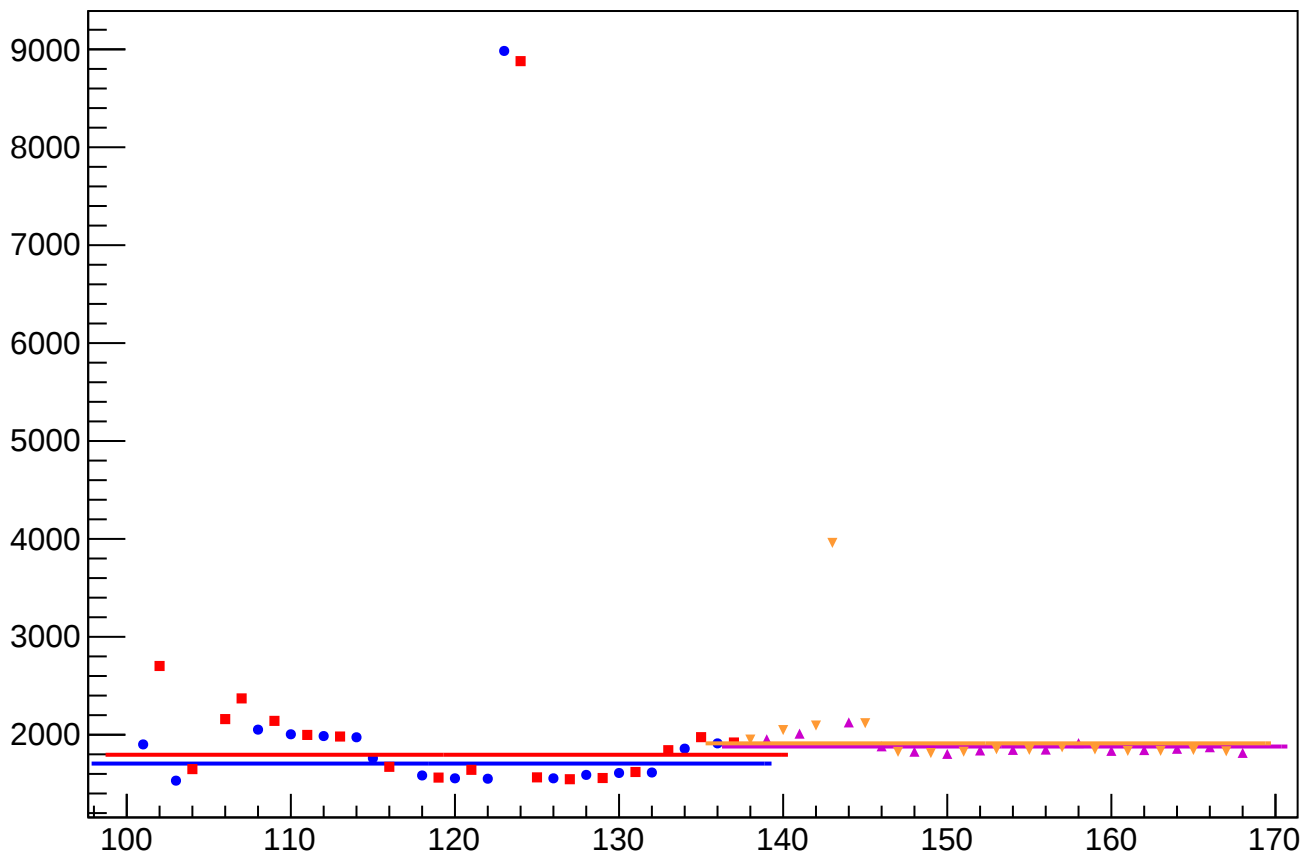
Right: 1689.956 ± 481.523 χ^2/NDF : 38.2/34

In: 2076.185 ± 424.080 χ^2/NDF : 35.9/31

Out: 1402.665 ± 434.999 χ^2/NDF : 51.5/33

All: 1747.984 ± 303.657 χ^2/NDF : 88.7/65

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1912.139 $\pm$ 0.394 χ^2 /NDF: 467528.6/15

Right Out: 1795.574 $\pm$ 0.491 χ^2 /NDF: 518805.1/17

Left In: 1879.693 $\pm$ 0.388 χ^2 /NDF: 42933.2/14

Left: 1895.681 $\pm$ 0.277 χ^2 /NDF: 513899.4/30

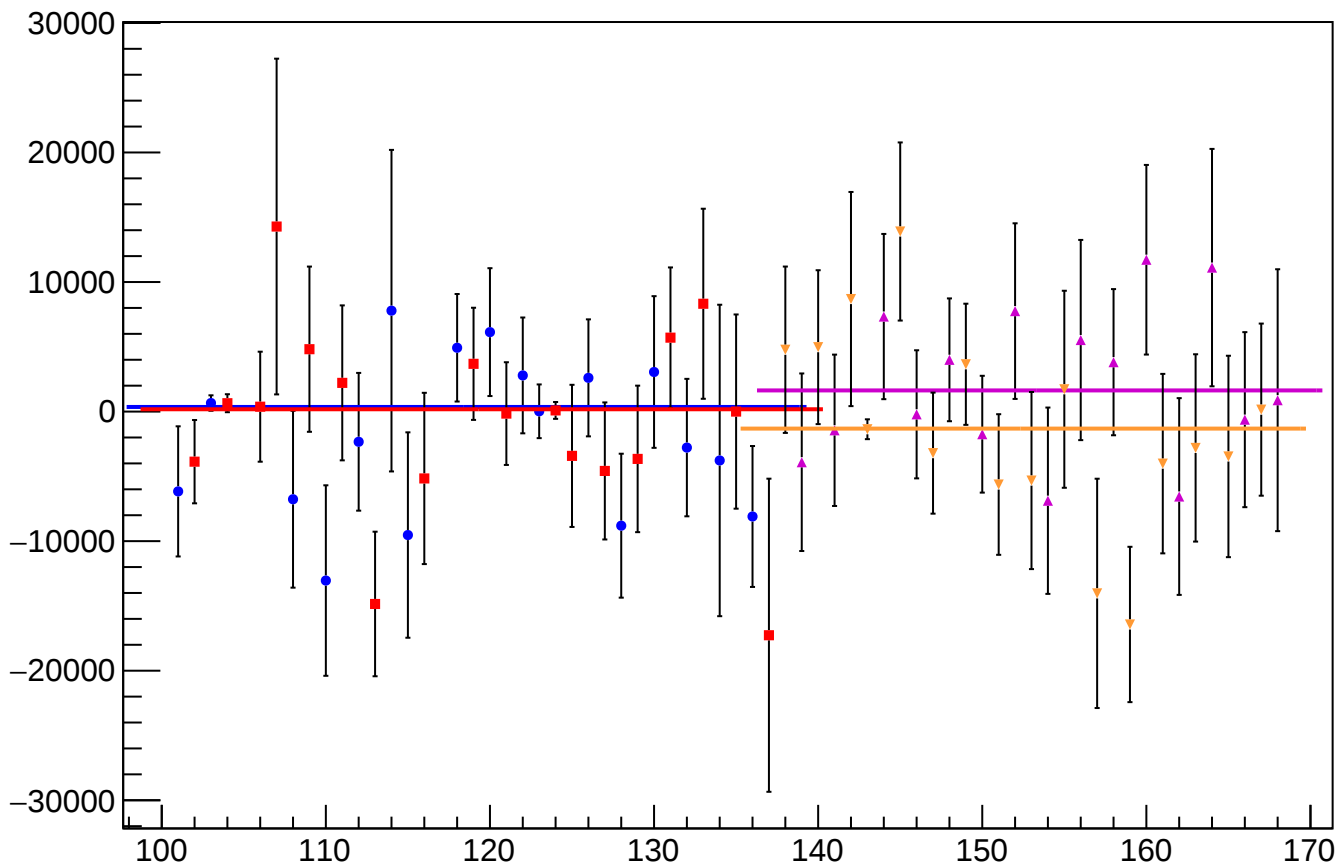
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1809.358 $\pm$ 0.300 χ^2 /NDF: 318246.3/31

Out: 1866.445 $\pm$ 0.307 χ^2 /NDF: 1020620.7/33

All: 1837.201 $\pm$ 0.215 χ^2 /NDF: 1356543.0/65

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1313.135 $\pm$ 694.010 χ^2 /NDF:19.6/15

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

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

Left: -858.524 $\pm$ 638.235 χ^2 /NDF: 31.9/30

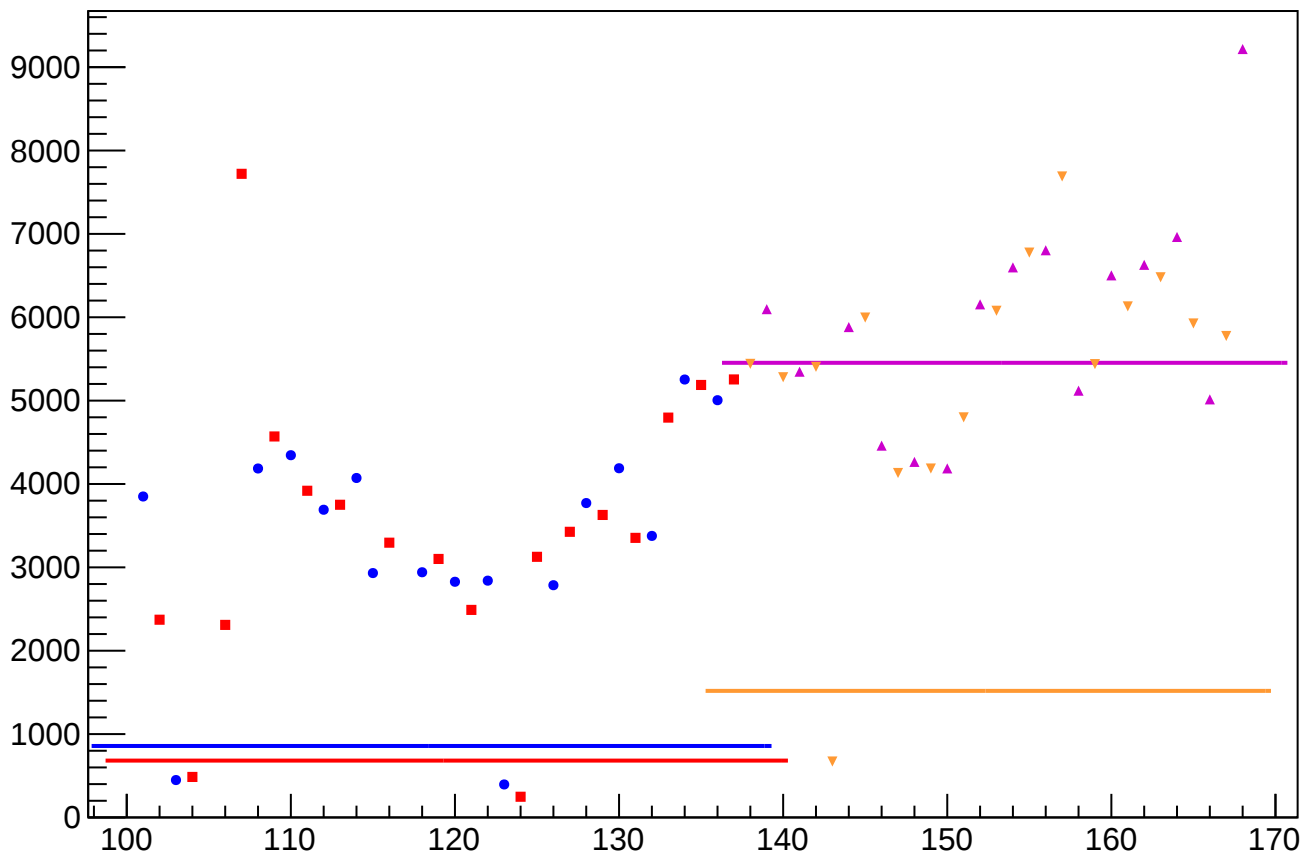
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

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

Out: -258.368 $\pm$ 375.794 χ^2 /NDF:41.3/33

All: 4.093 $\pm$ 301.826 χ^2 /NDF: 70.3/65

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1518.403 $\pm$ 0.491 χ^2 /NDF: 14261080.2/15

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

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

Left: 2125.505 $\pm$ 0.451 χ^2 /NDF: 25142476.0/30

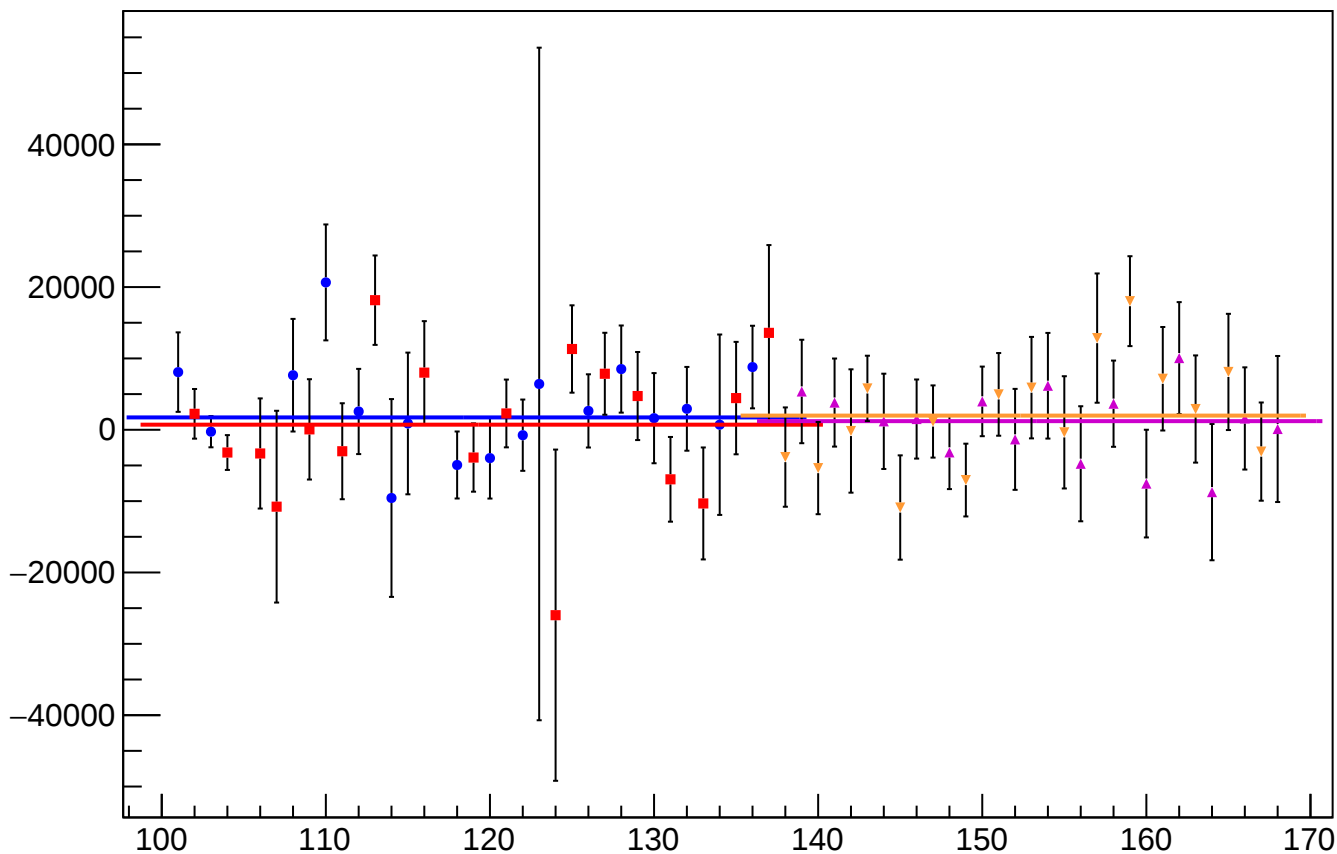
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

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

Out: 927.316 $\pm$ 0.266 χ^2 /NDF: 25692254.3/33

All: 1061.104 $\pm$ 0.213 χ^2 /NDF: 49988361.2/66

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1987.424+/-1626.898 χ^2/NDF : 19.2/15

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

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

Left: 1622.282+/-1184.553 χ^2/NDF : 25.9/30

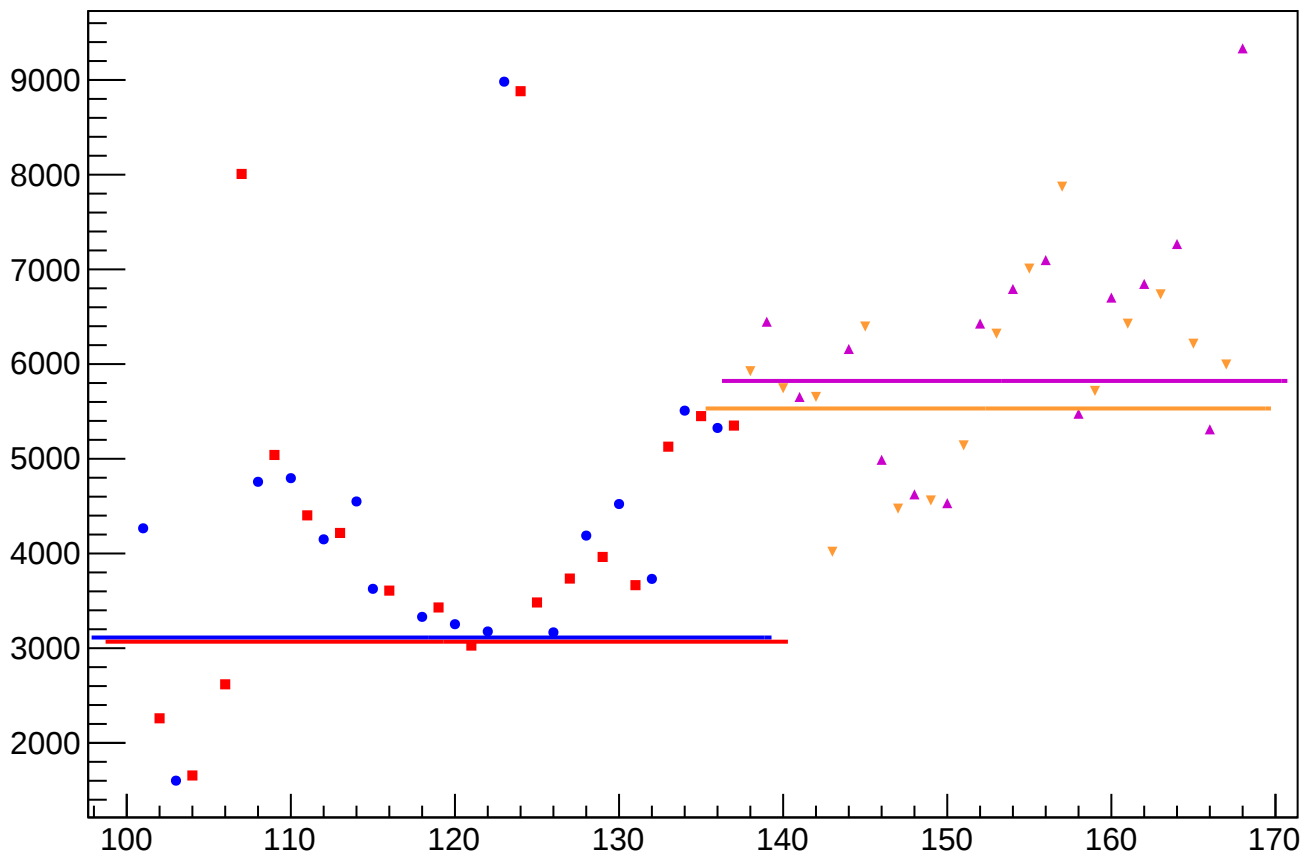
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

Out: 1206.818+/-1011.138 χ^2/NDF : 44.7/33

All: 1370.187+/-725.382 χ^2/NDF : 66.3/65

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5531.170 $\pm$ 1.150 χ^2 /NDF: 759504.3/15

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

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

Left: 5667.822 $\pm$ 0.838 χ^2 /NDF: 1563083.1/30

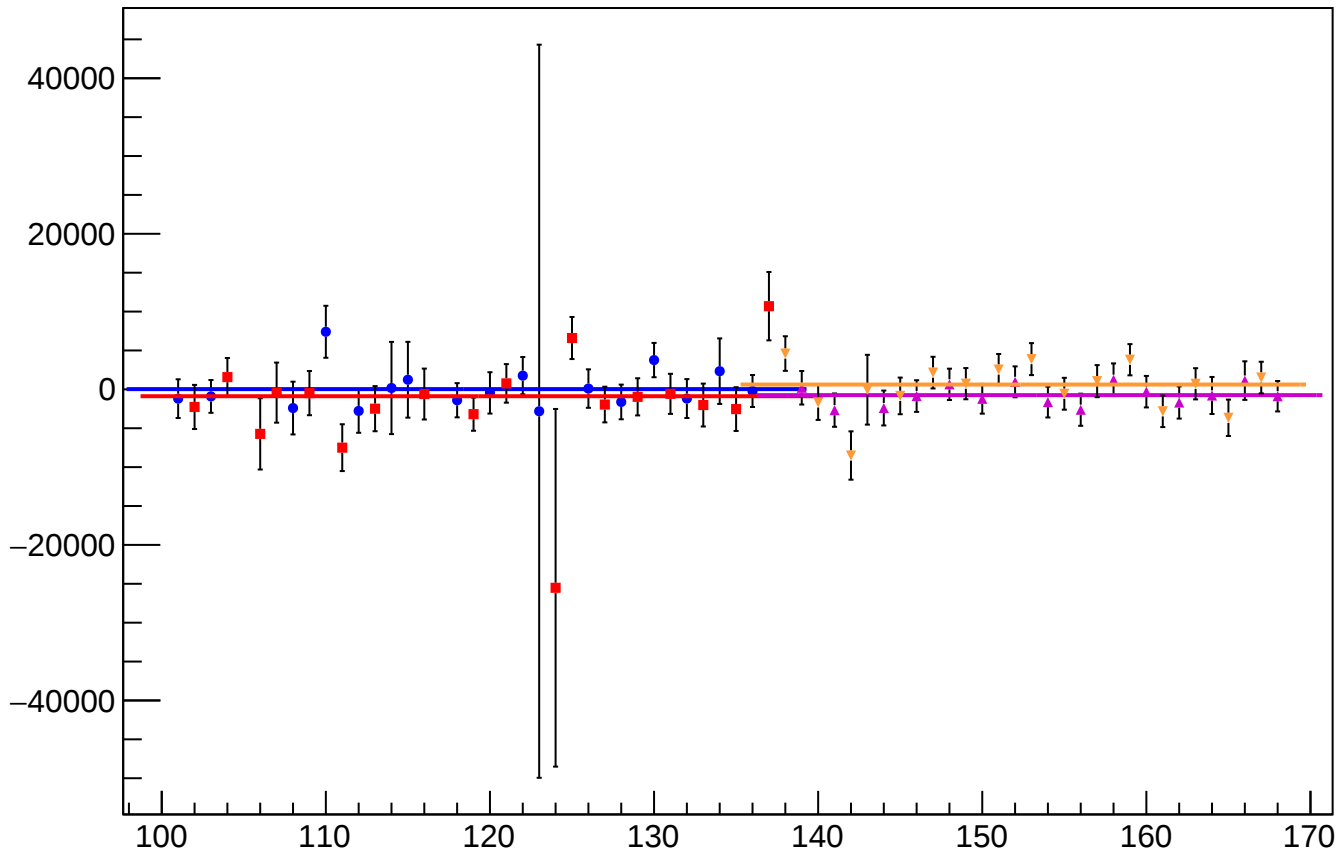
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

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

Out: 4002.772 $\pm$ 0.709 χ^2 /NDF: 5605127.5/33

All: 4047.714 $\pm$ 0.511 χ^2 /NDF: 11402918.9/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 617.756 ± 546.643 χ^2/NDF : 26.6/15

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

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

Left: -72.429 ± 383.810 χ^2/NDF : 35.3/30

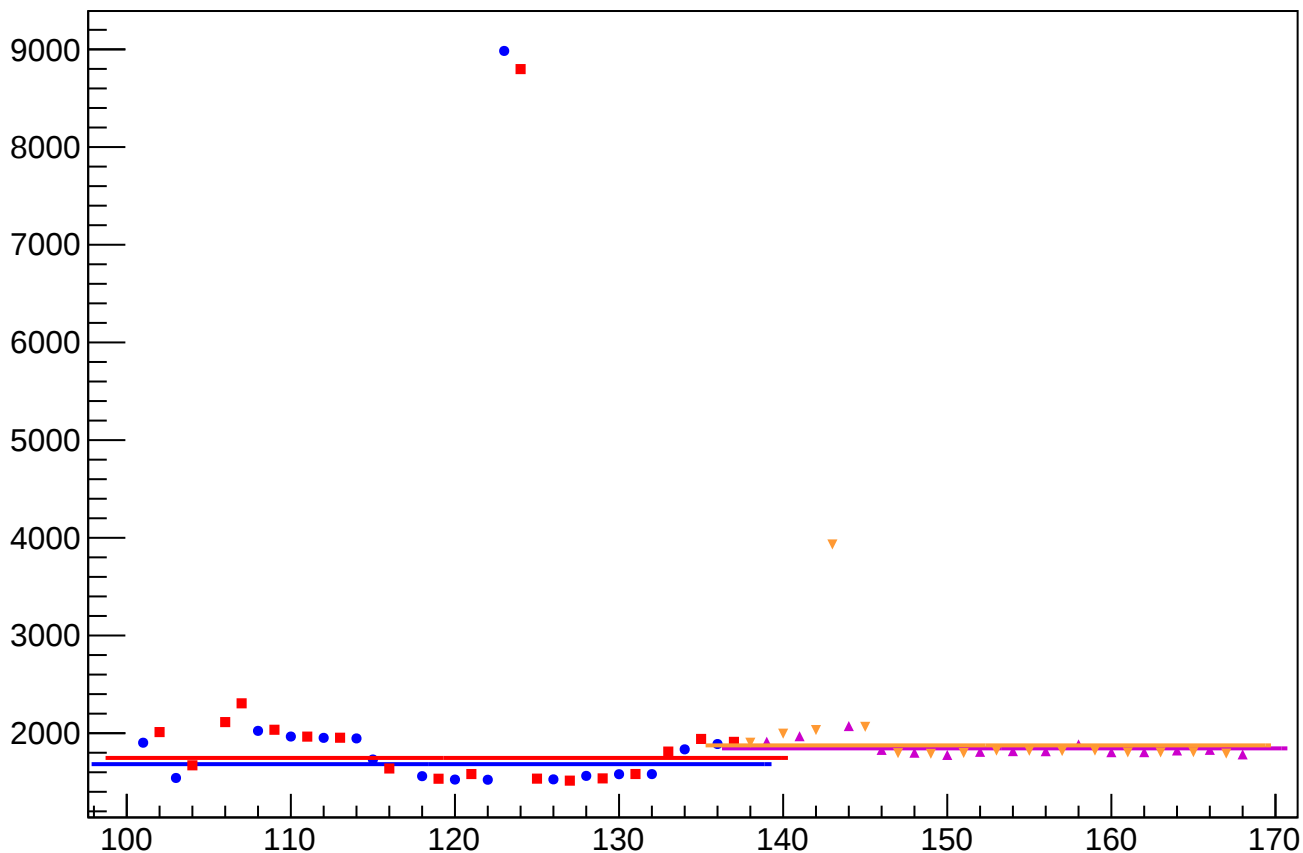
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

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

Out: 23.063 ± 424.716 χ^2/NDF : 55.2/33

All: -209.344 ± 297.581 χ^2/NDF : 74.1/65

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1875.238+/-0.387 χ^2/NDF : 470193.6/15

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

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

Left: 1859.709+/-0.271 χ^2/NDF : 512245.0/30

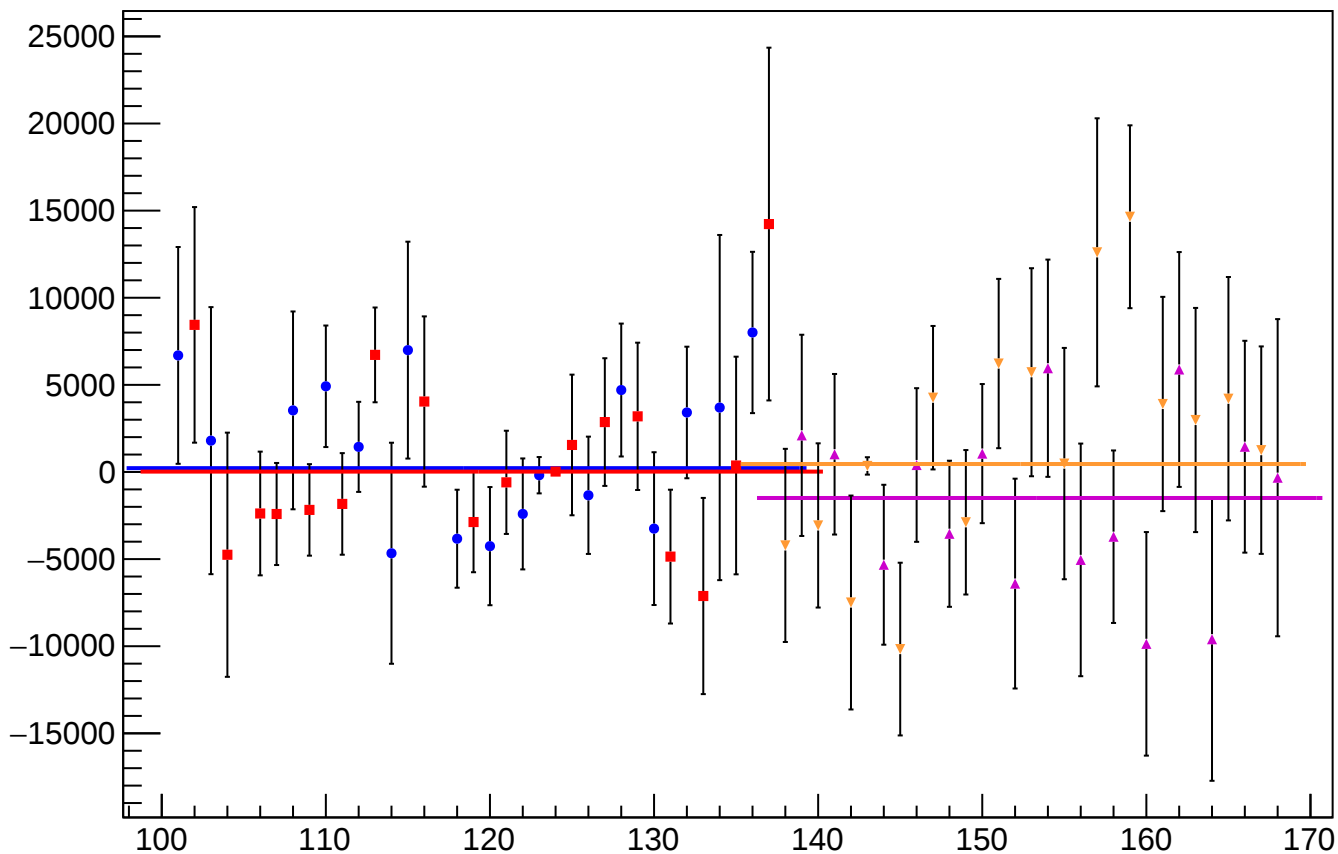
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

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

Out: 1824.197+/-0.300 χ^2/NDF : 920793.5/33

All: 1801.620+/-0.210 χ^2/NDF : 1238685.3/65

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 457.423 $\pm$ 470.406 χ^2 /NDF:21.9/15

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

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

Left: 258.723 $\pm$ 445.795 χ^2 /NDF: 32.5/30

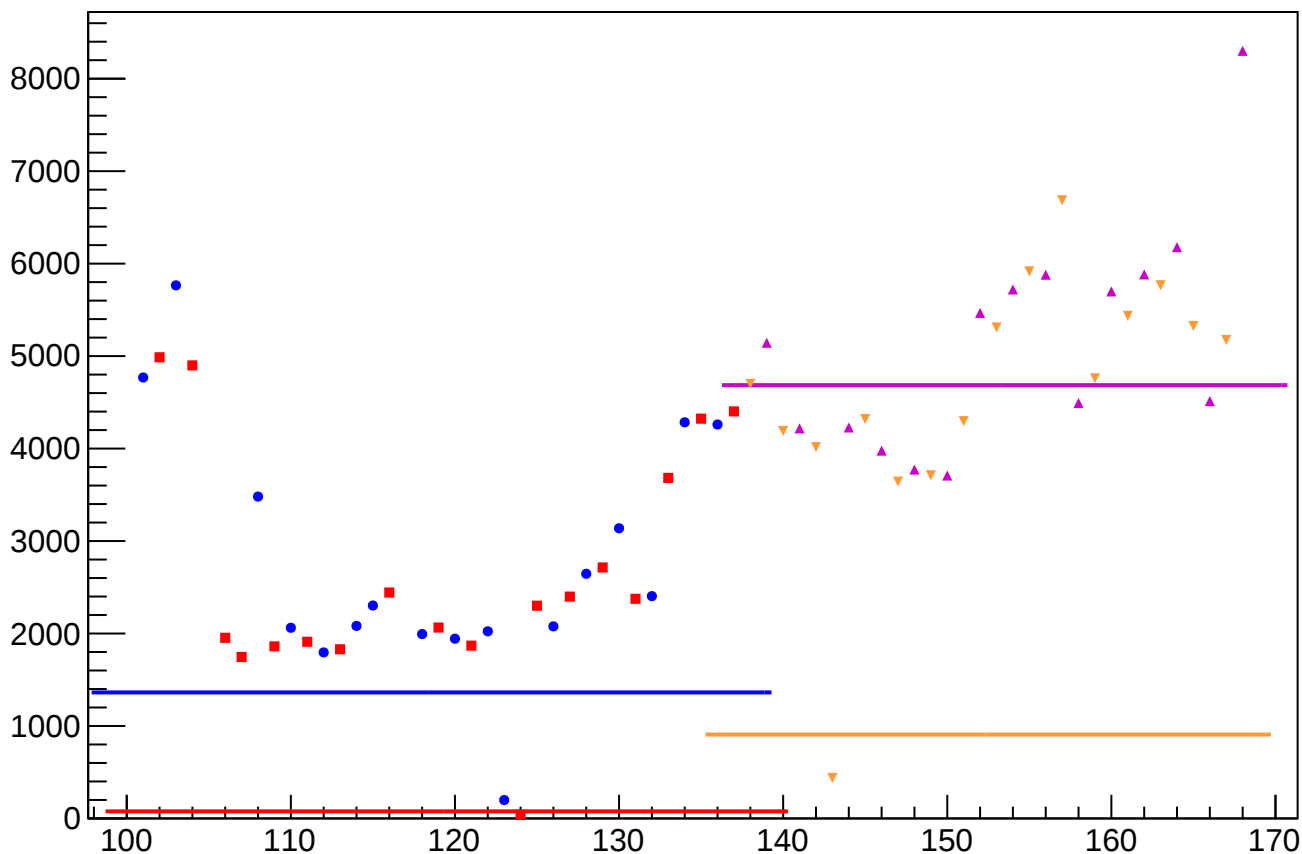
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

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

Out: 46.156 $\pm$ 110.917 χ^2 /NDF:41.2/33

All: 40.723 $\pm$ 109.291 χ^2 /NDF: 67.3/65

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 907.427+/-0.333 χ^2/NDF :16390477.6/15

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

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

Left: 1292.463+/-0.315 χ^2/NDF : 30512991.1/30

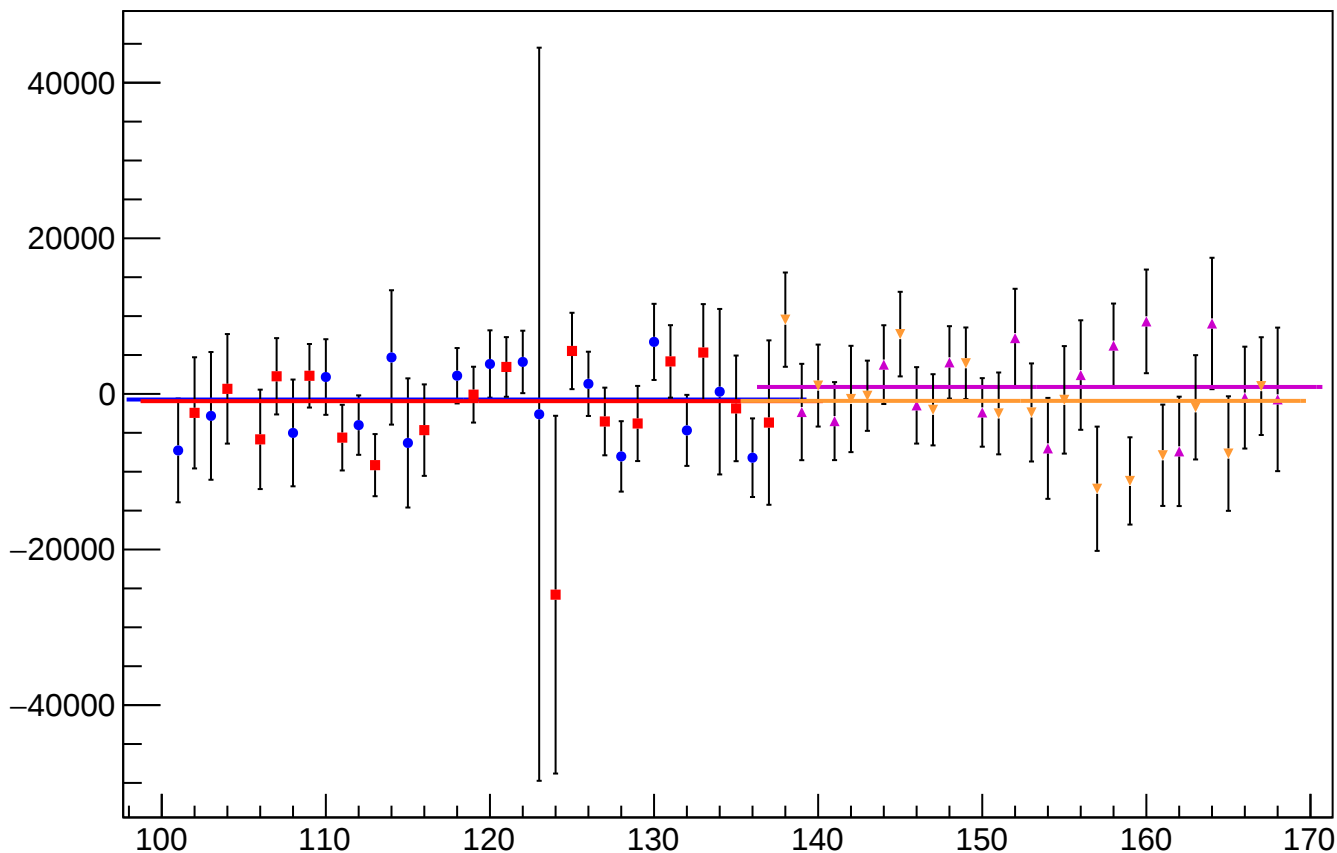
Right: 108.278+/-0.080 χ^2/NDF : 25558892.3/34

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

Out: 123.011+/-0.078 χ^2/NDF :35393561.2/33

All: 179.451+/-0.077 χ^2/NDF : 69336004.9/65

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -895.691+/-1440.397 χ^2/NDF :14.4/15

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

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

Left: -42.510+/-1042.036 χ^2/NDF : 25.2/30

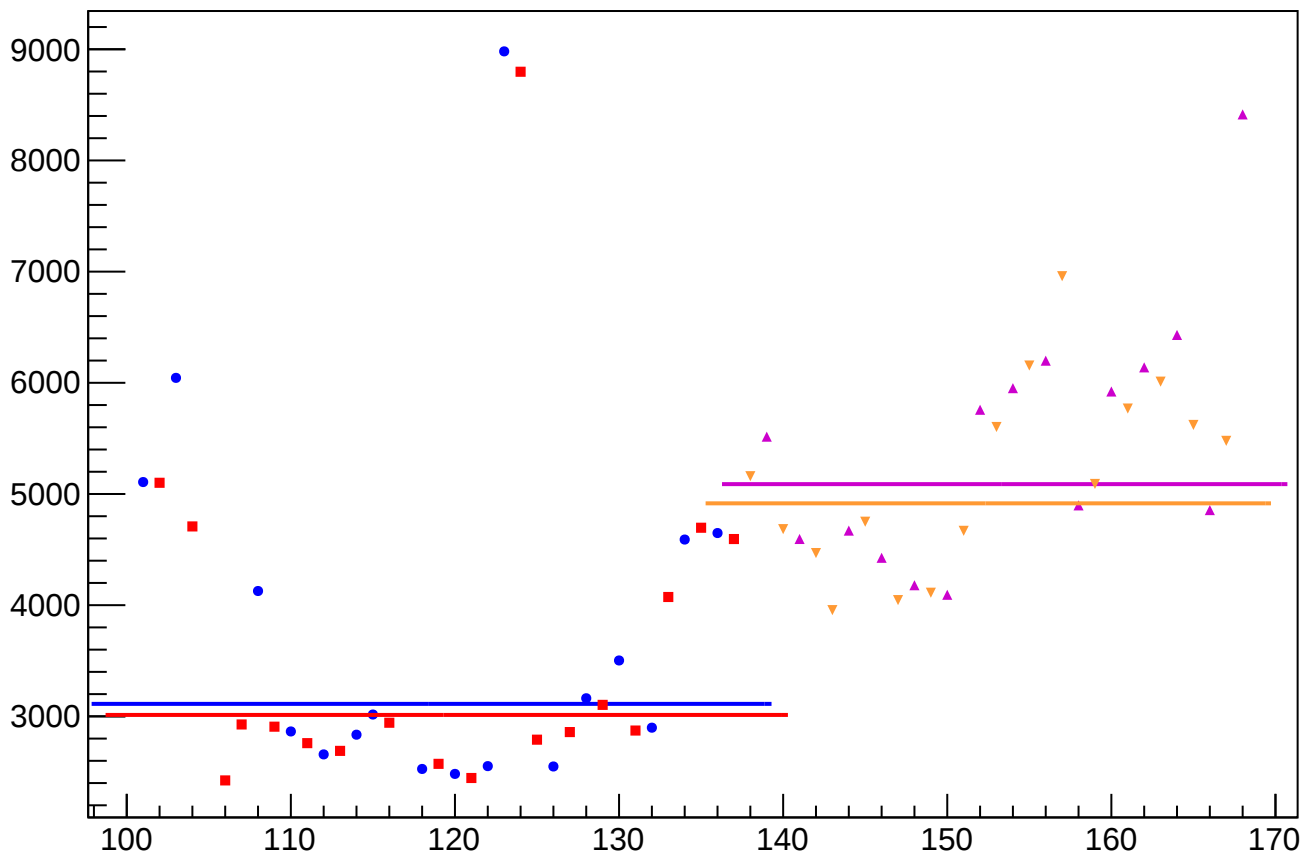
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

Out: -917.035+/-919.449 χ^2/NDF :29.3/33

All: -509.934+/-665.296 χ^2/NDF : 55.2/65

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4915.869 $\pm$ 1.019 χ^2 /NDF: 588885.5/15

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

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

Left: 4998.241 $\pm$ 0.737 χ^2 /NDF: 1358736.1/30

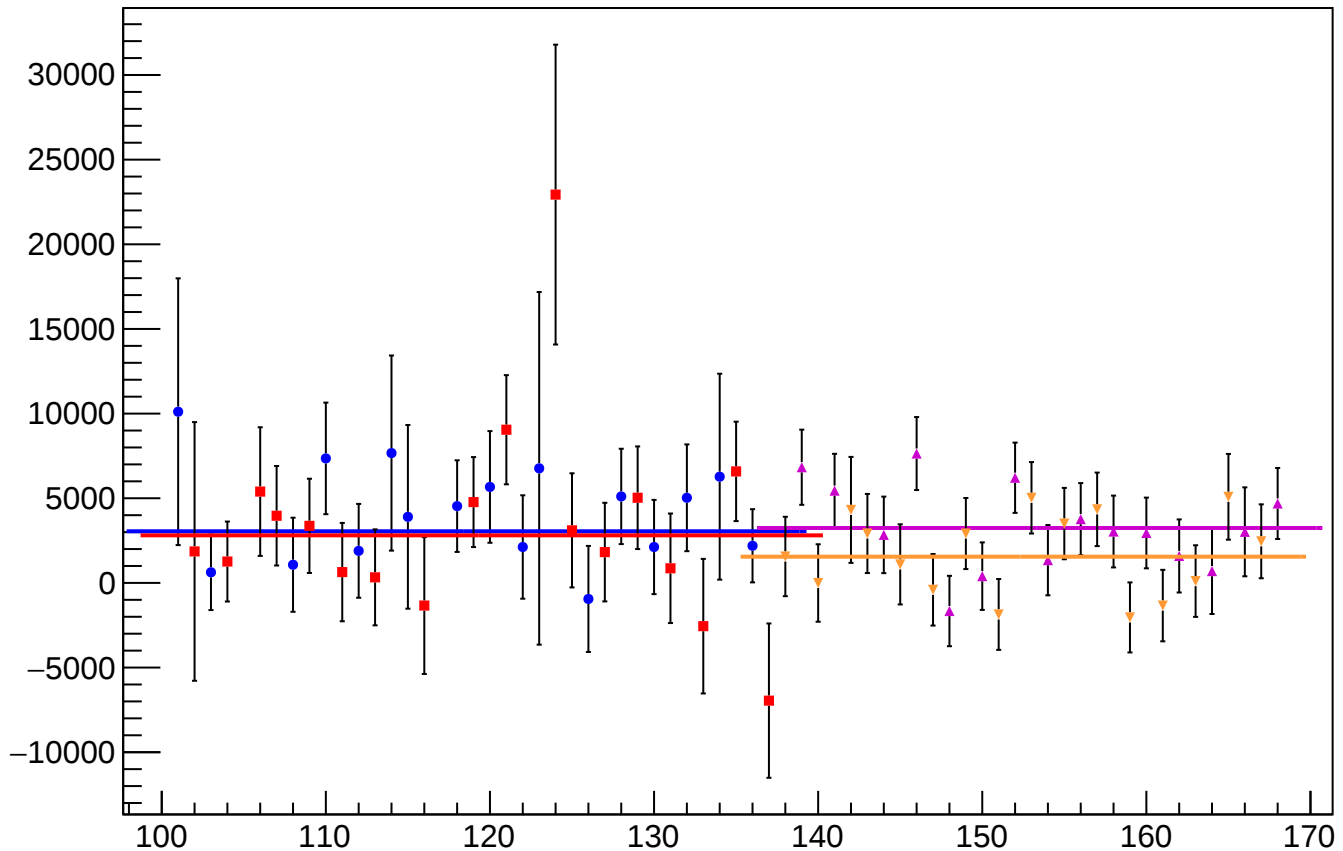
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

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

Out: 3776.660 $\pm$ 0.645 χ^2 /NDF: 3453078.5/33

All: 3843.584 $\pm$ 0.469 χ^2 /NDF: 7221380.2/65

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1548.688 $\pm$ 556.816 χ^2/NDF : 18.3/15

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

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

Left: 2391.570 $\pm$ 394.911 χ^2/NDF : 43.4/30

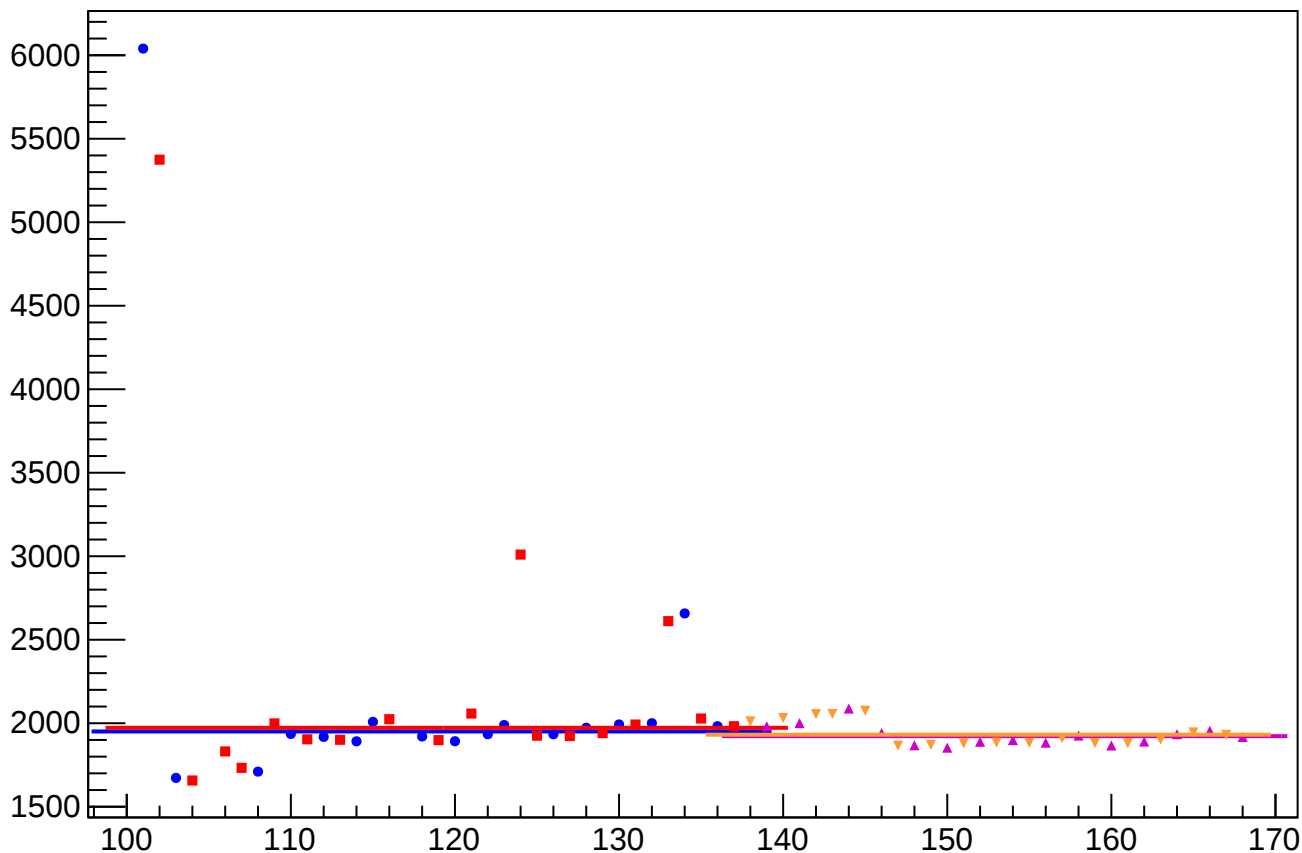
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

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

Out: 1984.288 $\pm$ 450.437 χ^2/NDF : 42.1/33

All: 2576.778 $\pm$ 319.569 χ^2/NDF : 75.4/65

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.395 $\pm$ 0.394 χ^2 /NDF: 32089.7/15

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

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

Left: 1927.028 $\pm$ 0.279 χ^2 /NDF: 54631.2/30

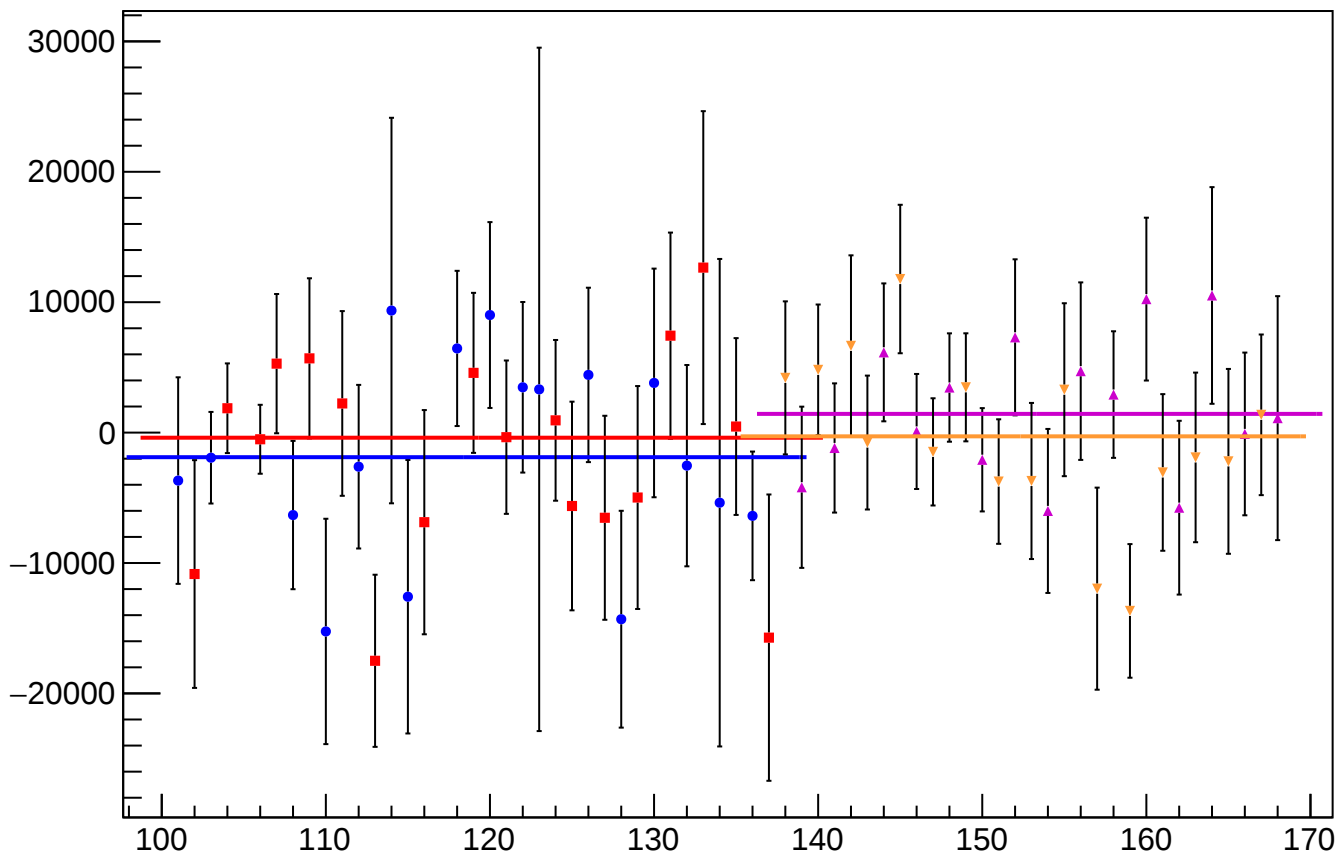
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

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

Out: 1945.690 $\pm$ 0.318 χ^2 /NDF: 571571.1/33

All: 1939.036 $\pm$ 0.226 χ^2 /NDF: 1211642.5/65

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -287.298 $\pm$ 1383.028 χ^2/NDF : 18.7/15

Right Out: -391.453 $\pm$ 1361.685 χ^2/NDF : 17.6/17

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

Left: 548.413 $\pm$ 992.301 χ^2/NDF : 29.6/30

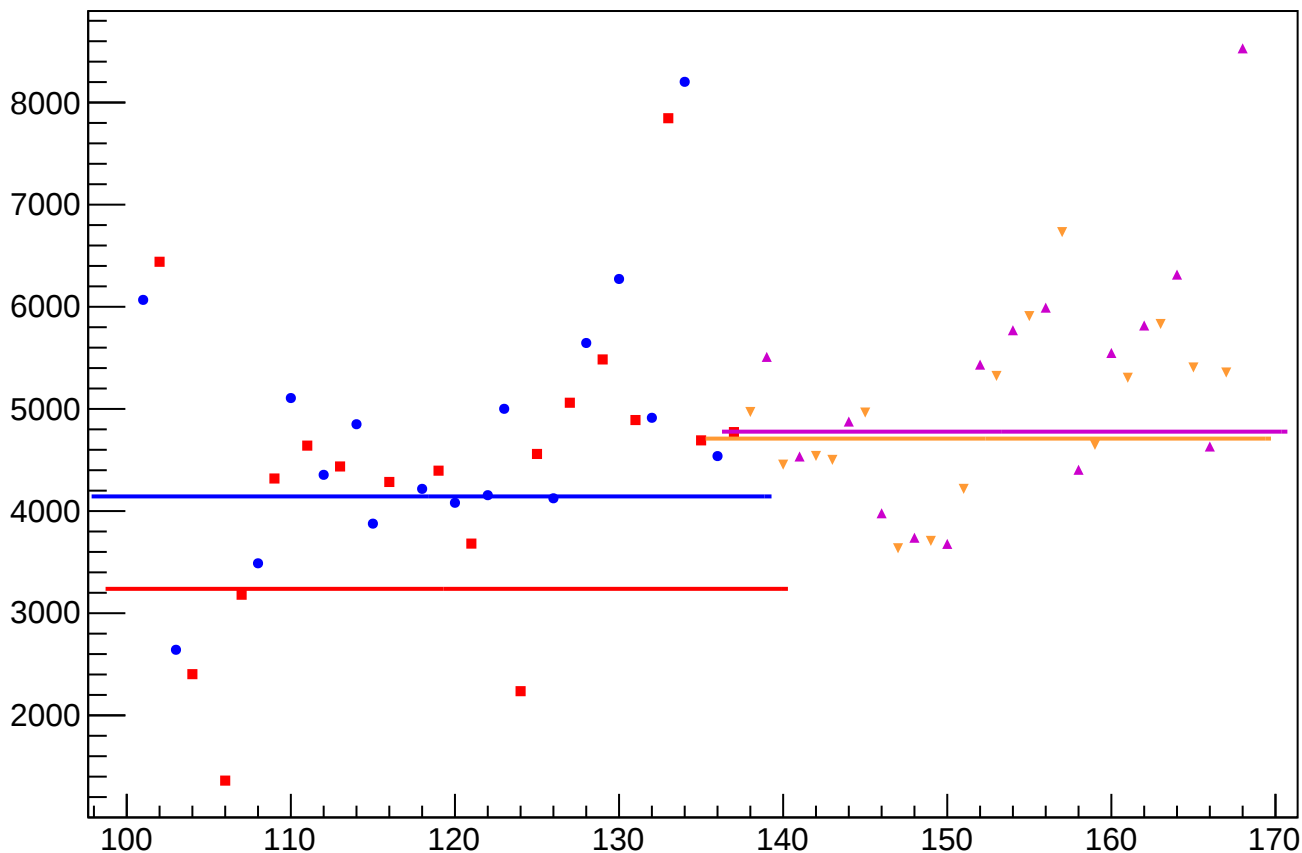
Right: -993.190 $\pm$ 1052.280 χ^2/NDF : 32.2/34

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

Out: -340.185 $\pm$ 970.315 χ^2/NDF : 36.3/33

All: -177.203 $\pm$ 721.936 χ^2/NDF : 62.9/65

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4709.572+/-0.978 χ^2/NDF : 635633.2/15

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

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

Left: 4742.551+/-0.702 χ^2/NDF : 1636012.0/30

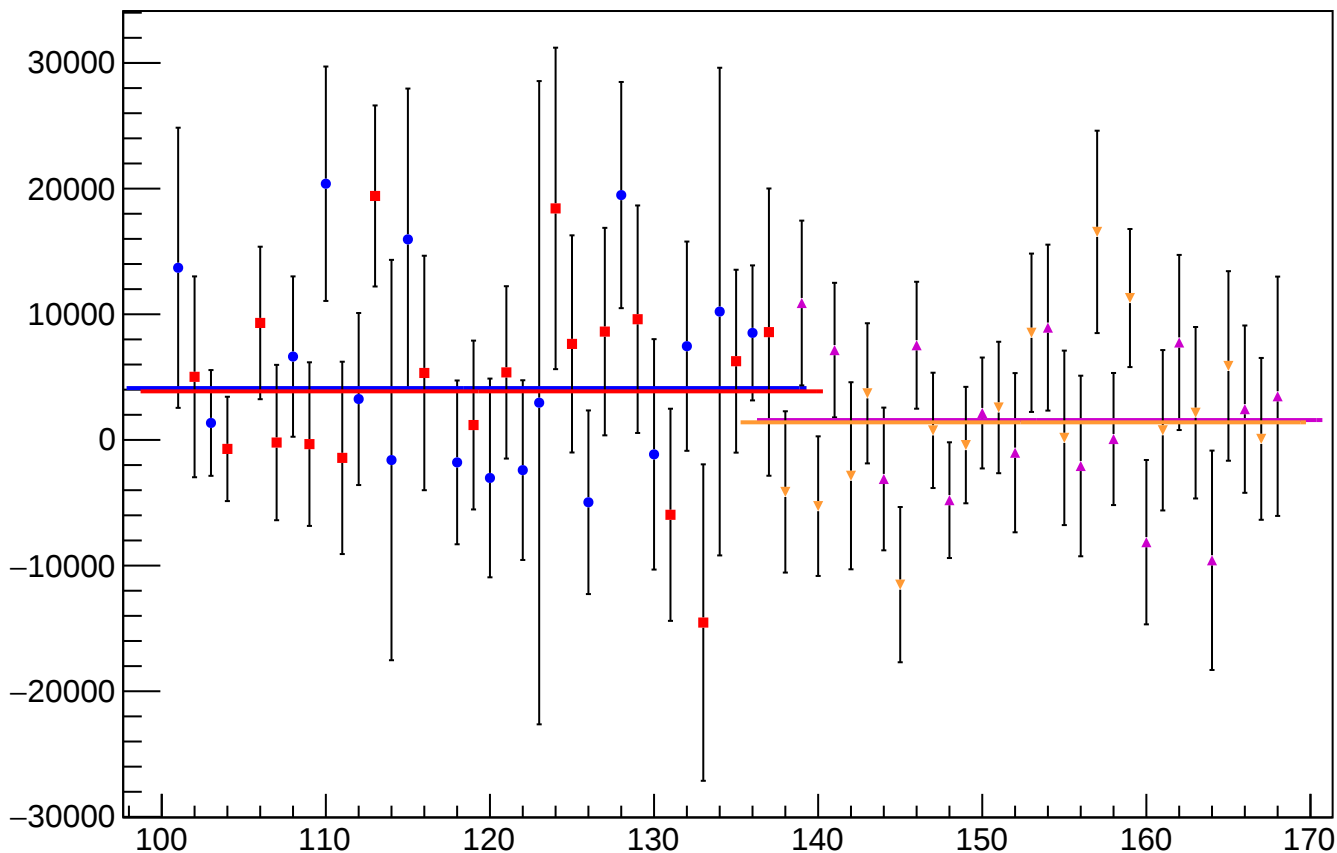
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

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

Out: 3962.643+/-0.686 χ^2/NDF : 4366418.9/33

All: 4206.220+/-0.510 χ^2/NDF : 6671010.3/65

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1401.404 $\pm$ 1497.536 χ^2 /NDF:15.8/15

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

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

Left: 1488.755 $\pm$ 1074.047 χ^2 /NDF: 29.3/30

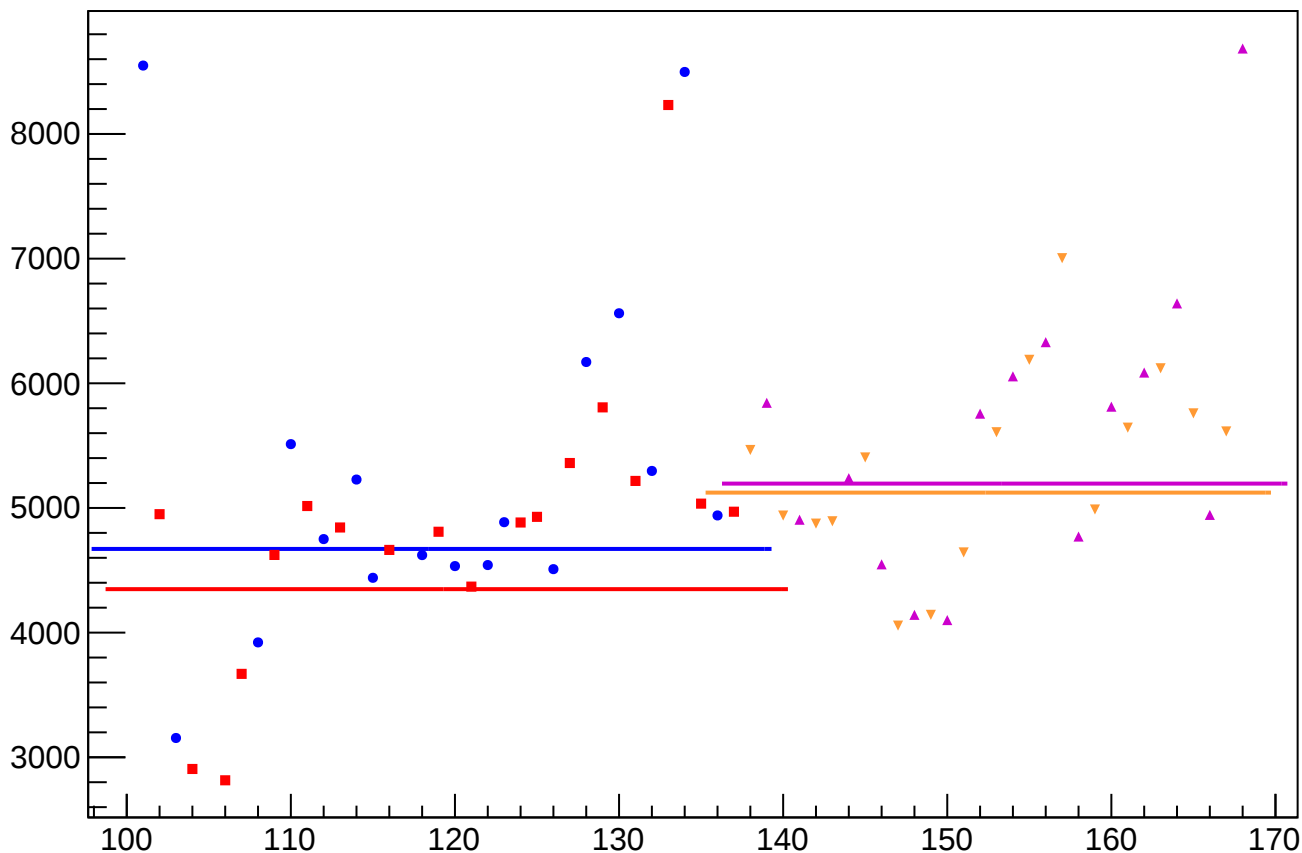
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

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

Out: 2459.068 $\pm$ 1131.547 χ^2 /NDF:31.2/33

All: 2533.503 $\pm$ 819.213 χ^2 /NDF: 59.5/65

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5123.138 $\pm$ 1.059 χ^2/NDF : 483262.4/15

Right Out: 4348.716 $\pm$ 1.214 χ^2/NDF : 792425.3/17

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

Left: 5158.213 $\pm$ 0.759 χ^2/NDF : 1260898.0/30

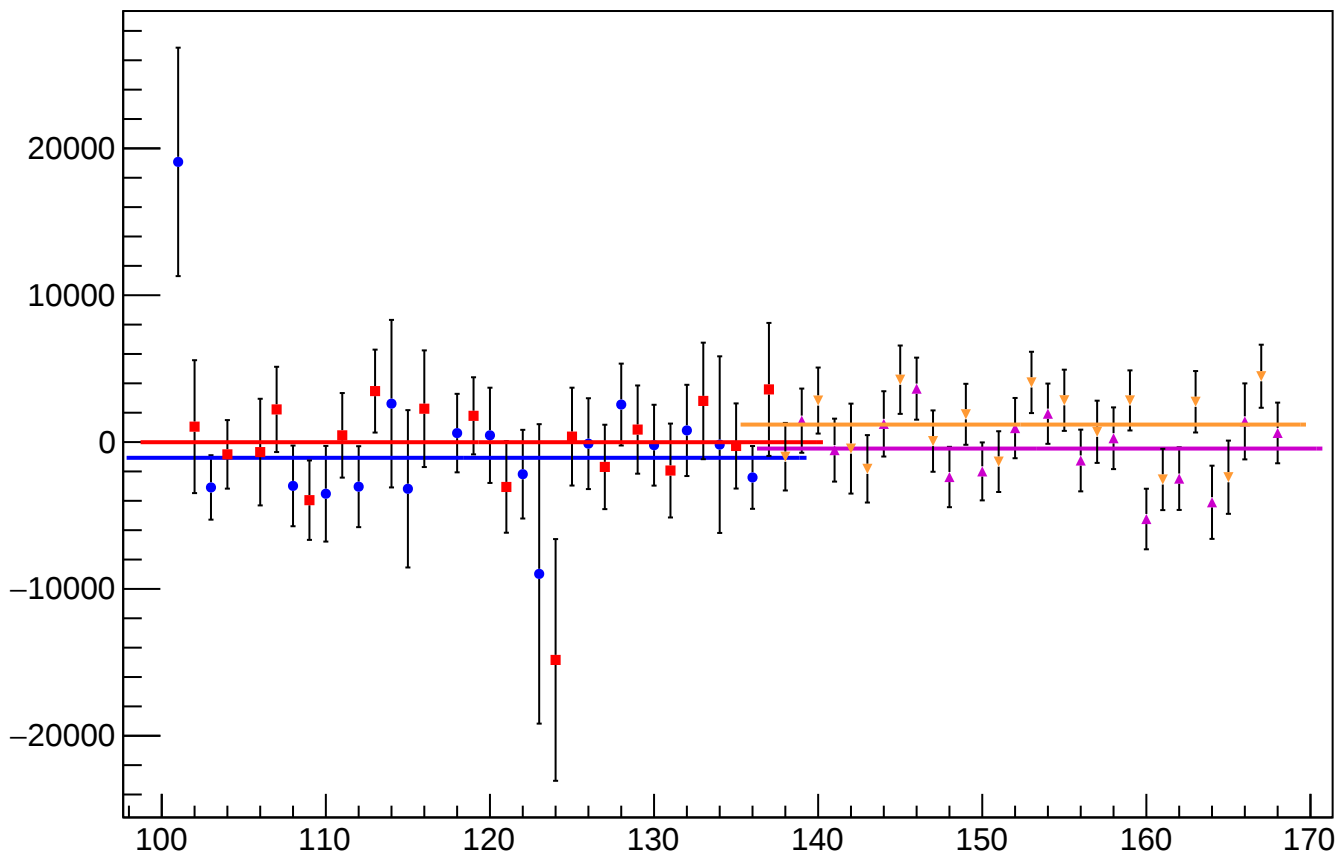
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

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

Out: 4788.660 $\pm$ 0.798 χ^2/NDF : 1506691.9/33

All: 4880.630 $\pm$ 0.579 χ^2/NDF : 3190102.5/65

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2 /NDF: 13.7/16

Left Out: 1191.838 $\pm$ 548.851 χ^2 /NDF:18.5/15

Right Out: -8.910 $\pm$ 748.092 χ^2 /NDF: 11.4/17

Left In: -442.002 $\pm$ 552.658 χ^2 /NDF:17.9/14

Left: 380.564 $\pm$ 389.435 χ^2 /NDF: 40.7/30

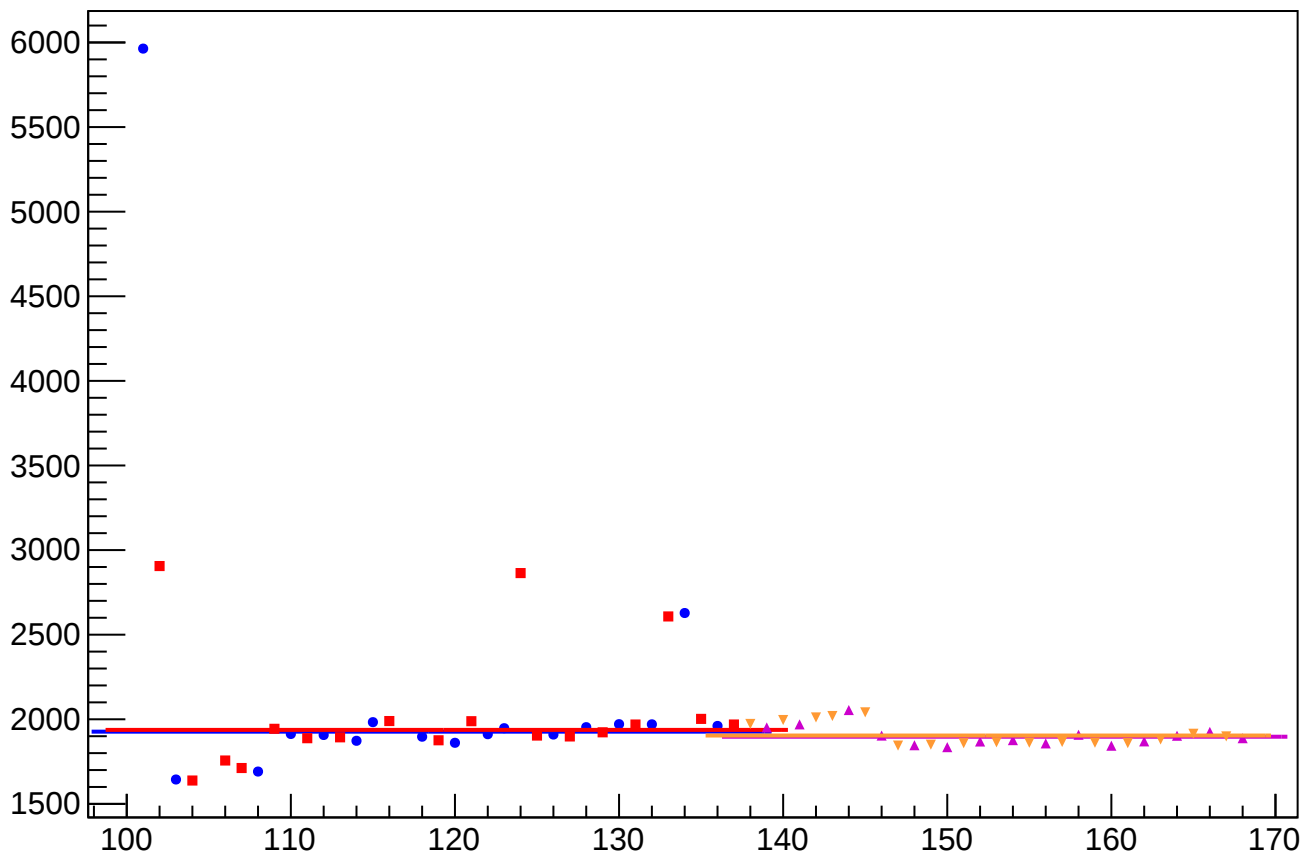
Right: -529.623 $\pm$ 534.164 χ^2 /NDF: 26.1/34

In: -658.544 $\pm$ 447.576 χ^2 /NDF:32.0/31

Out: 771.674 $\pm$ 442.526 χ^2 /NDF:31.6/33

All: 64.679 $\pm$ 314.683 χ^2 /NDF: 68.8/65

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1904.013+/-0.388 χ^2/NDF : 27778.5/15

Right Out: 1937.280+/-0.529 χ^2/NDF : 229079.5/17

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

Left: 1900.514+/-0.275 χ^2/NDF : 48025.9/30

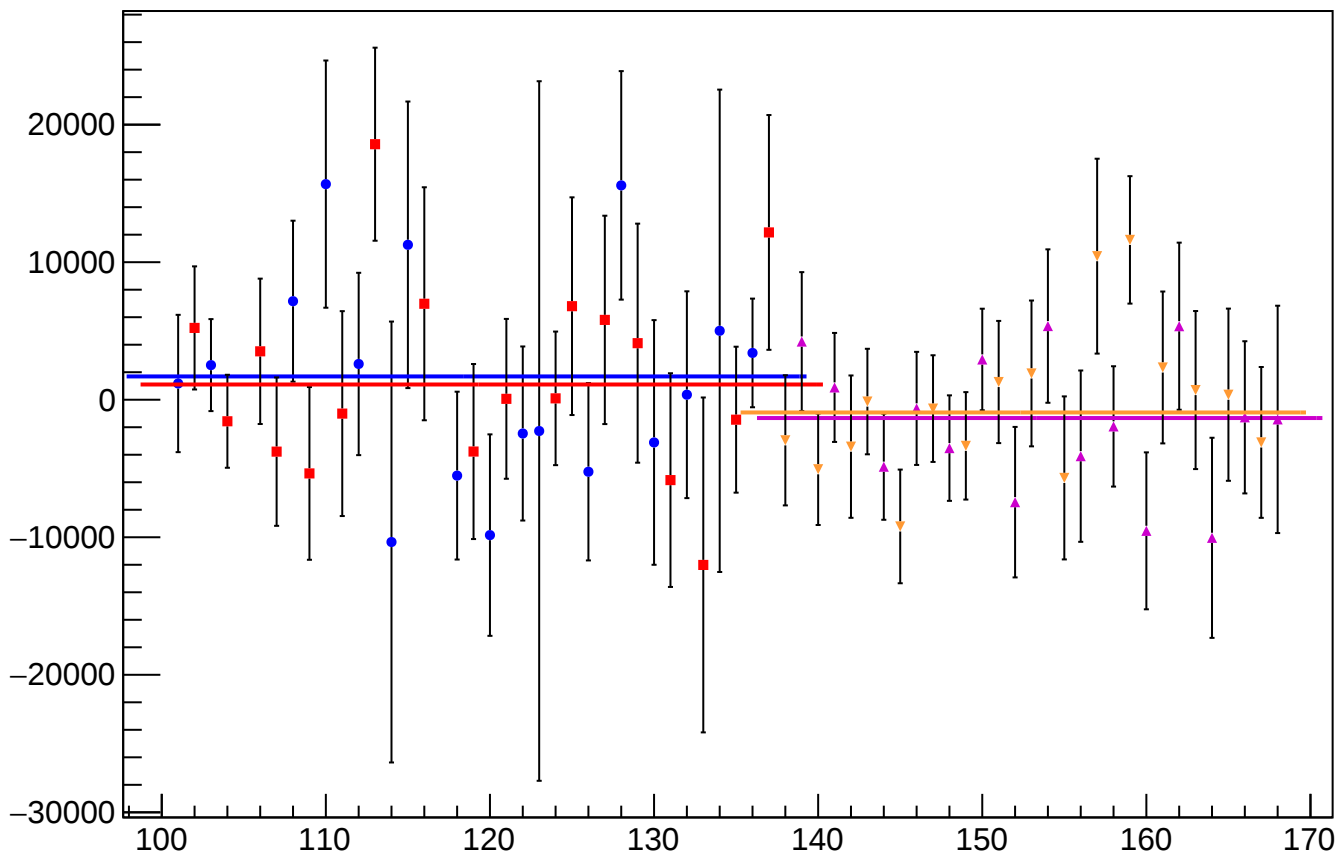
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

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

Out: 1915.665+/-0.313 χ^2/NDF : 259431.4/33

All: 1911.513+/-0.222 χ^2/NDF : 899005.6/65

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -926.321 $\pm$ 1191.431 χ^2/NDF : 17.6/15

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

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

Left: -1118.921 $\pm$ 863.013 χ^2/NDF : 29.3/30

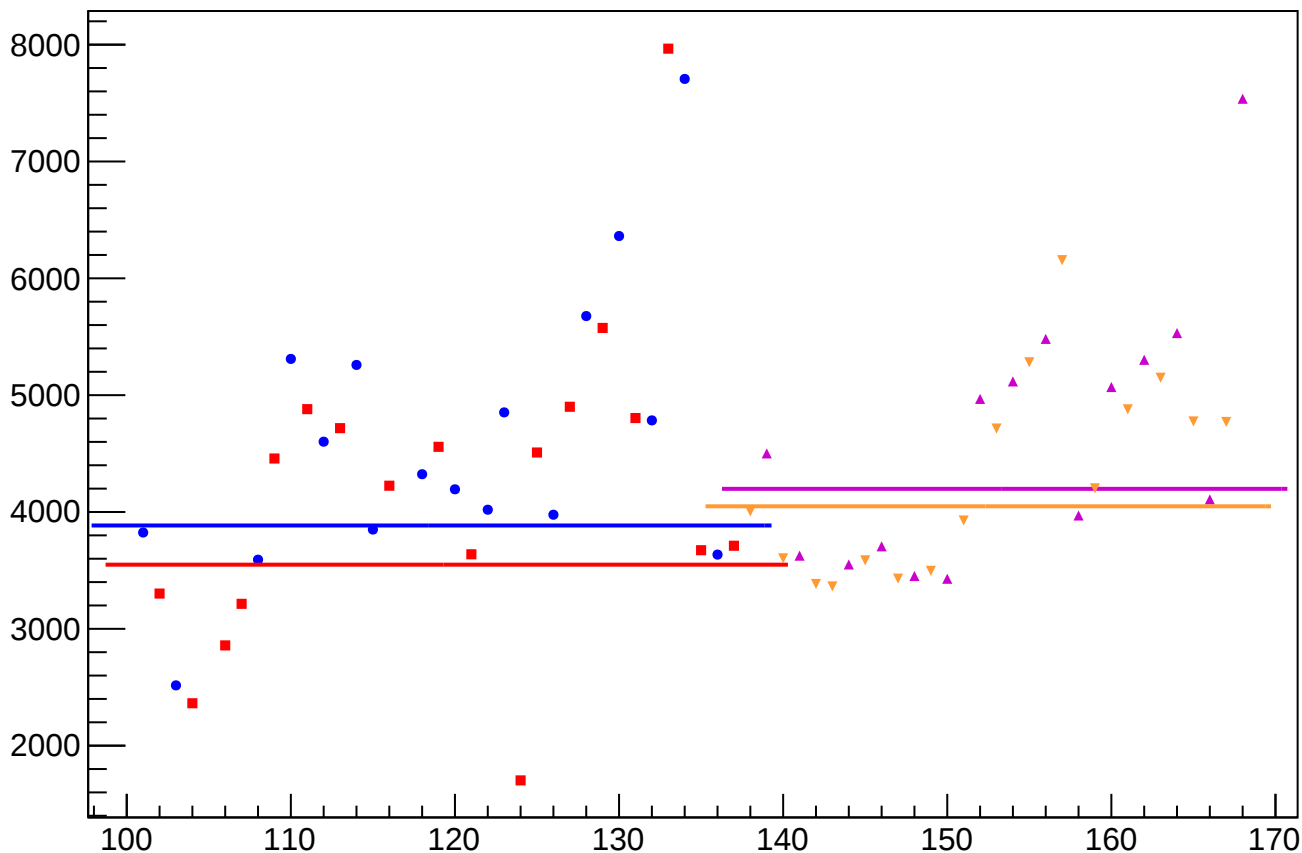
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

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

Out: -80.806 $\pm$ 910.769 χ^2/NDF : 34.7/33

All: -107.952 $\pm$ 665.349 χ^2/NDF : 62.3/65

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4048.662+/-0.842 χ^2/NDF : 715861.8/15

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 4198.267+/-0.885 χ^2/NDF : 987506.5/14

Left: 4119.772+/-0.610 χ^2/NDF : 1718357.1/30

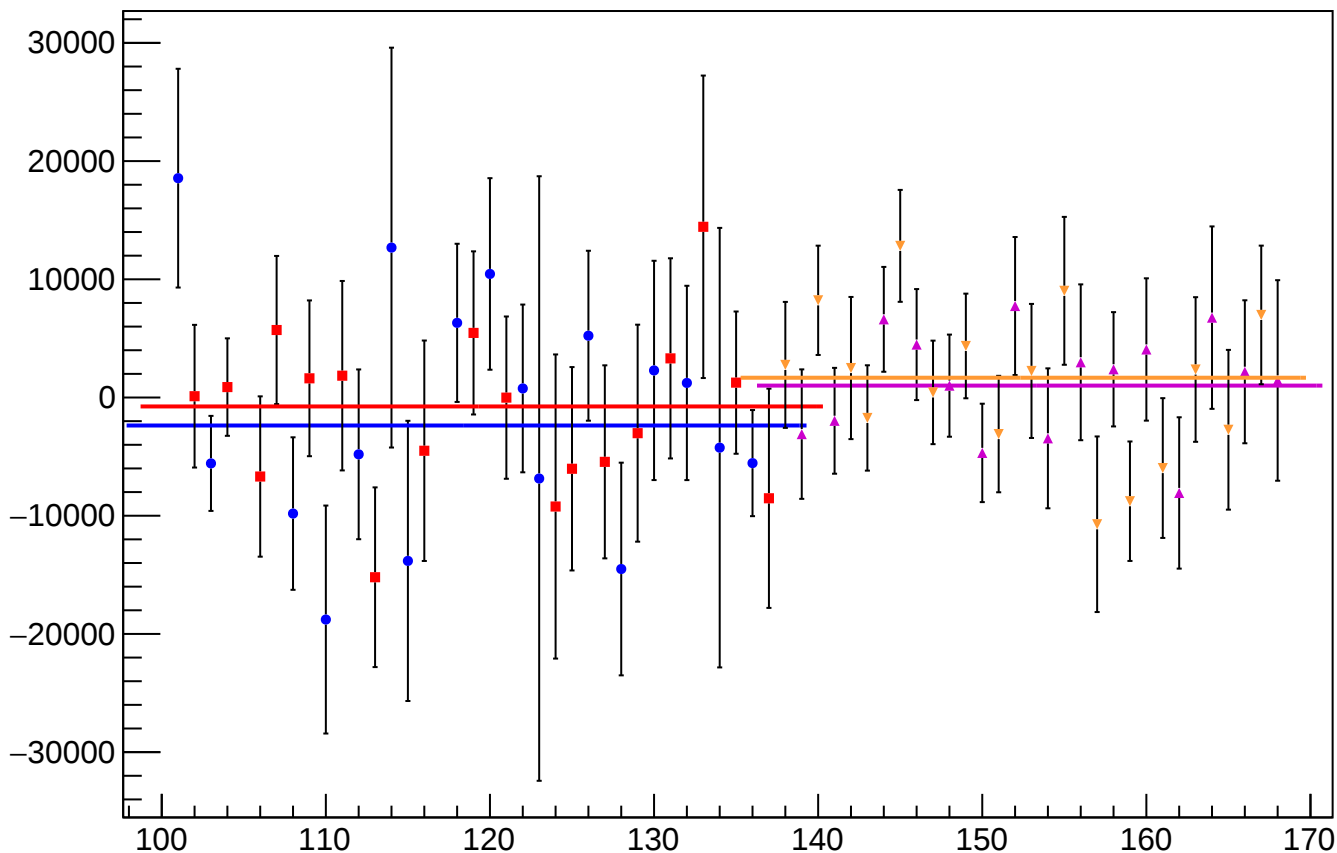
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 4074.636+/-0.689 χ^2/NDF : 1863566.7/31

Out: 3841.037+/-0.644 χ^2/NDF : 2188937.3/33

All: 3949.969+/-0.470 χ^2/NDF : 4113857.0/65

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1673.483 $\pm$ 1325.335 χ^2/NDF : 21.0/15

Right Out: -755.757 $\pm$ 1693.103 χ^2/NDF : 10.5/17

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

Left: 1354.430 $\pm$ 956.190 χ^2/NDF : 31.0/30

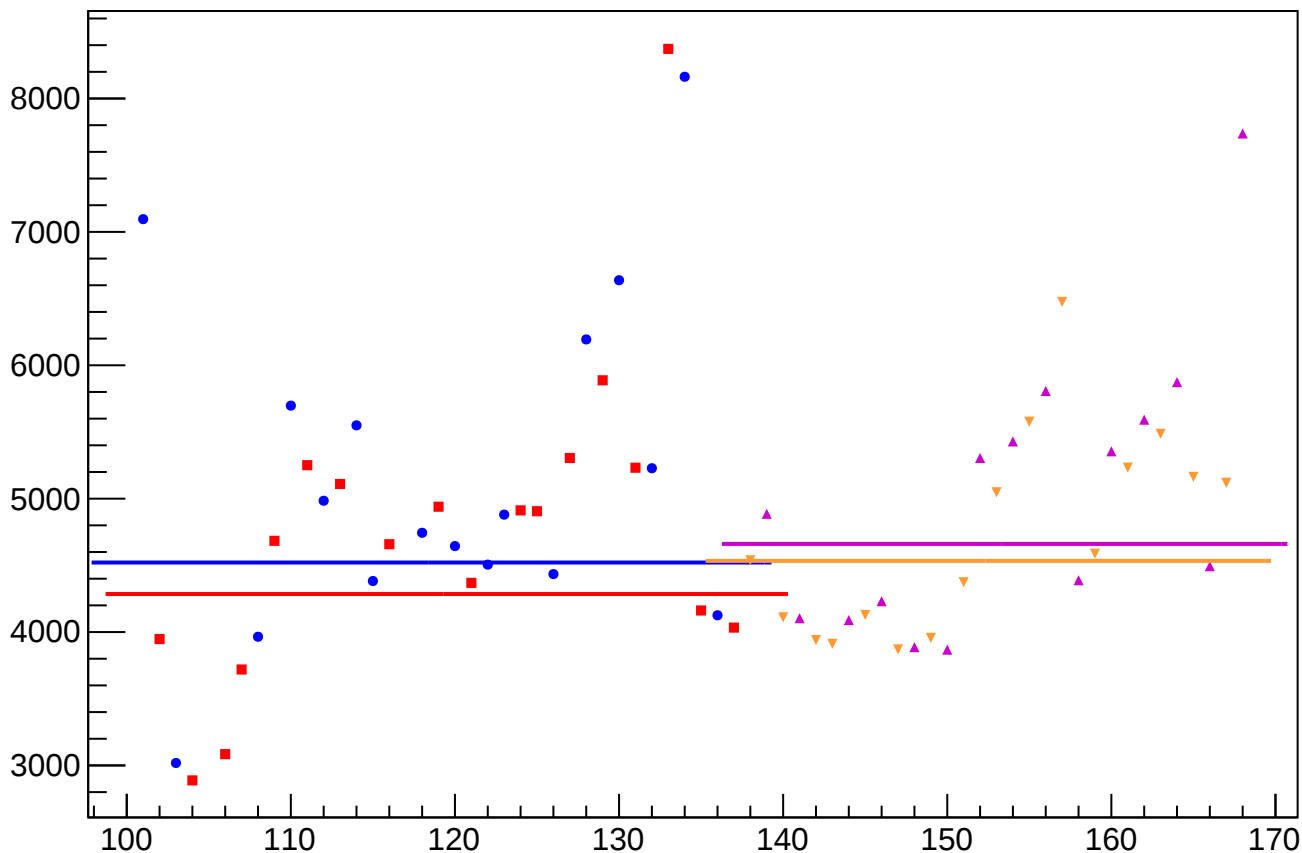
Right: -1511.498 $\pm$ 1233.889 χ^2/NDF : 31.1/34

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

Out: 750.513 $\pm$ 1043.619 χ^2/NDF : 32.7/33

All: 279.112 $\pm$ 755.809 χ^2/NDF : 65.5/65

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4533.736+/-0.937 χ^2/NDF : 494721.5/15

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

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

Left: 4594.667+/-0.676 χ^2/NDF : 1232511.8/30

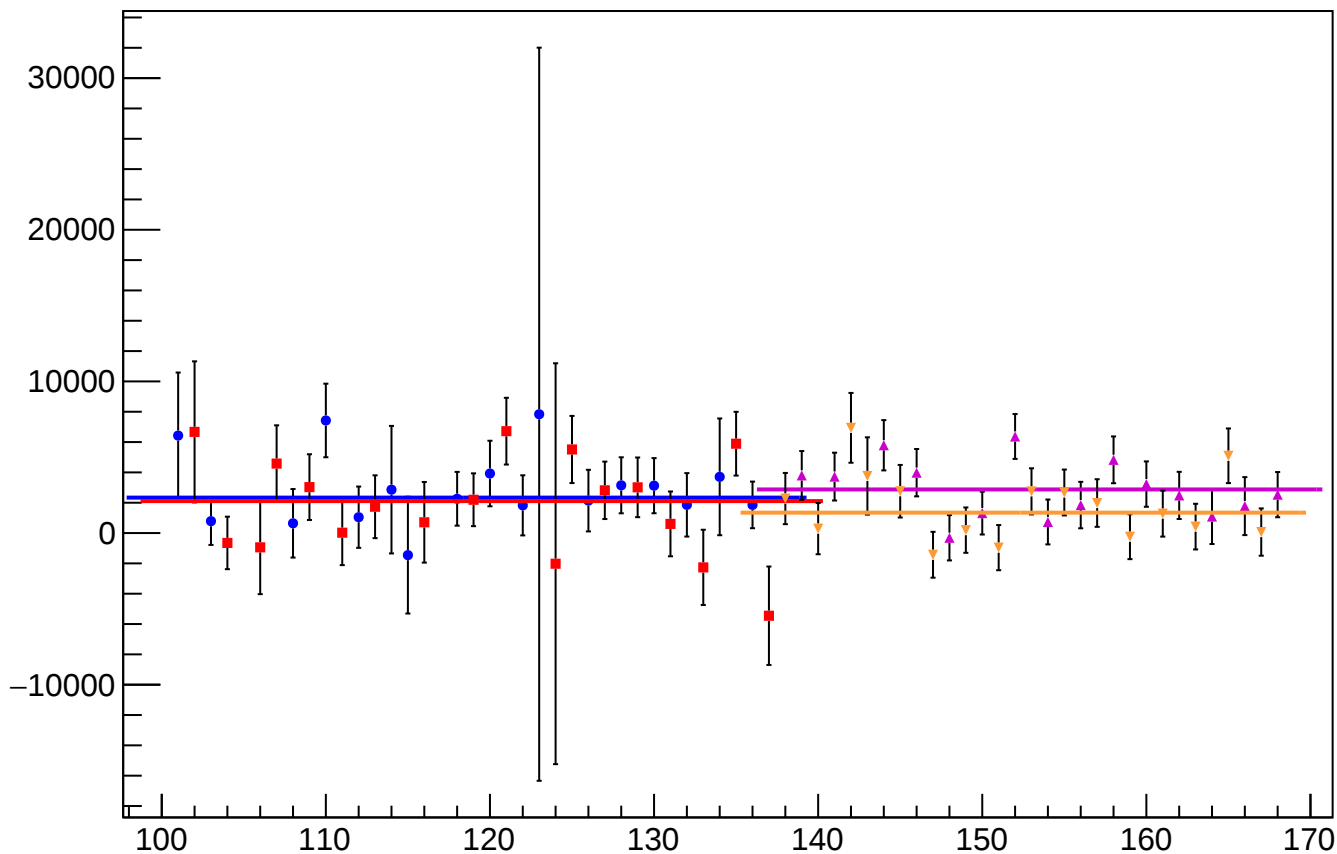
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

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

Out: 4438.602+/-0.736 χ^2/NDF : 1268058.3/33

All: 4519.527+/-0.534 χ^2/NDF : 2808722.9/65

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: 1345.449 $\pm$ 407.005 χ^2/NDF : 22.8/15

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

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

Left: 2118.442 $\pm$ 286.307 χ^2/NDF : 51.2/30

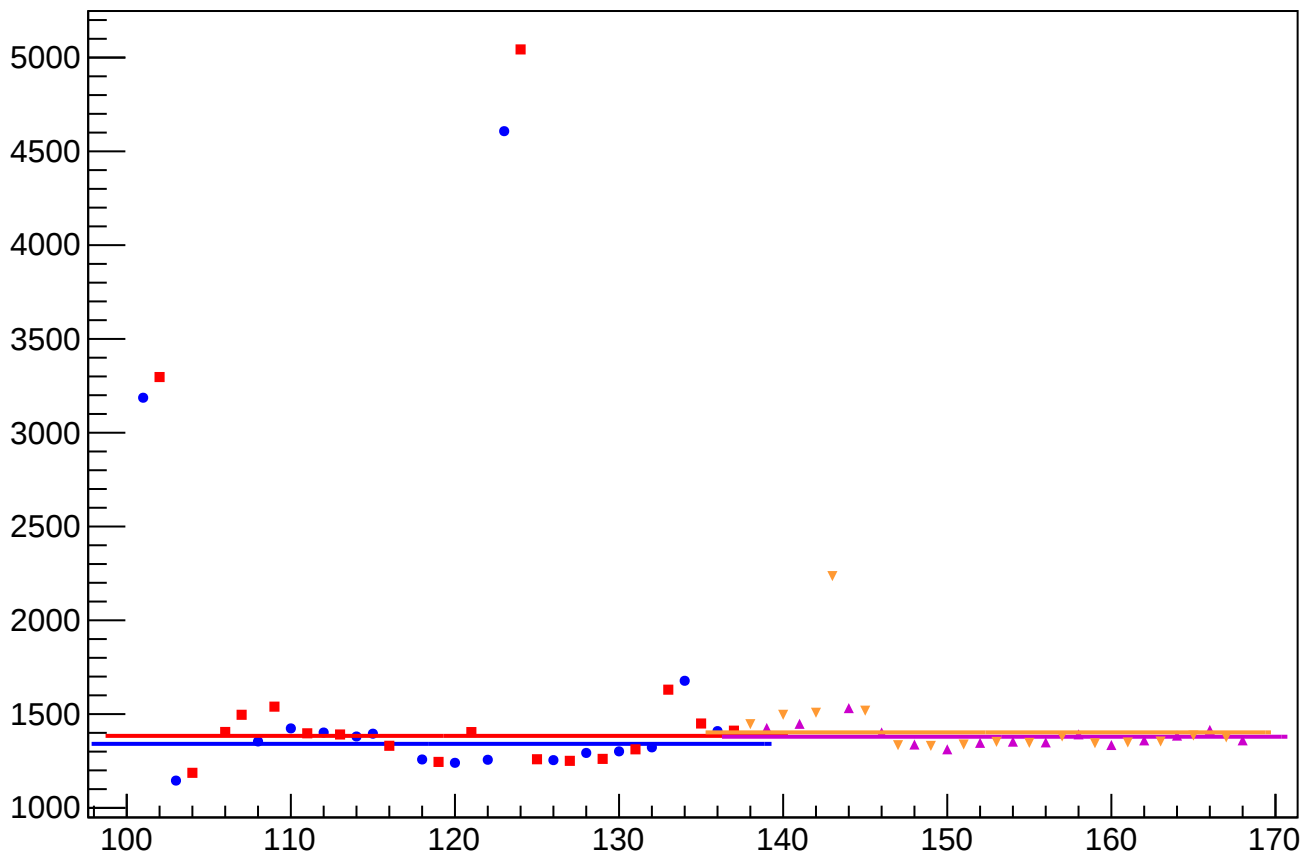
Right: 2223.866 $\pm$ 378.529 χ^2/NDF : 36.1/34

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

Out: 1621.639 $\pm$ 324.939 χ^2/NDF : 50.5/33

All: 2156.806 $\pm$ 228.346 χ^2/NDF : 87.3/65

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: 1402.575+/-0.288 χ^2/NDF : 260511.9/15

Right Out: 1383.916+/-0.381 χ^2/NDF : 593846.2/17

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

Left: 1390.840+/-0.202 χ^2/NDF : 298365.5/30

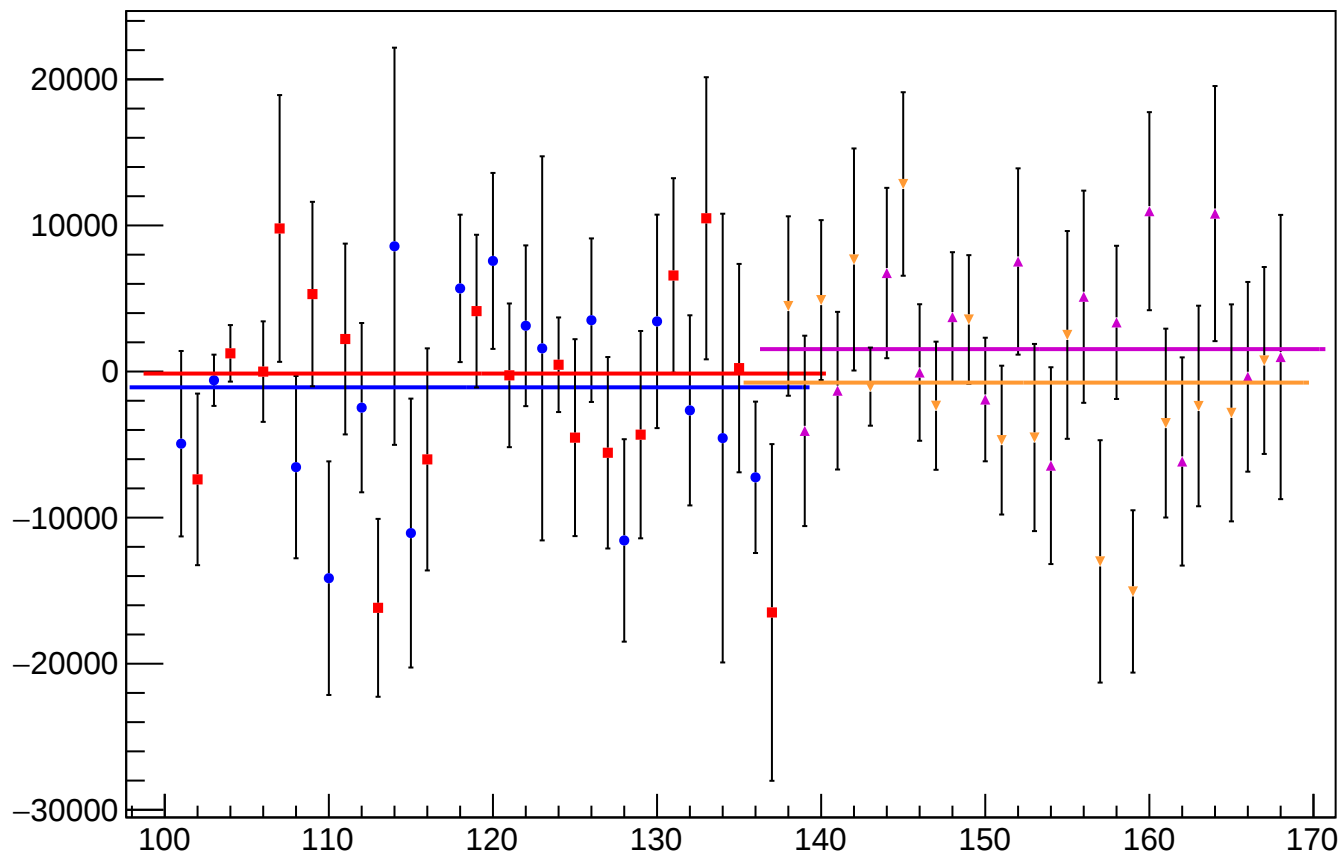
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

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

Out: 1395.805+/-0.230 χ^2/NDF : 855883.2/33

All: 1380.458+/-0.161 χ^2/NDF : 1410026.0/65

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: -758.636 $\pm$ 1332.454 χ^2 /NDF:19.1/15

Right Out: -138.838 $\pm$ 1129.319 χ^2 /NDF: 18.0/17

Left In: 1534.110 $\pm$ 1524.135 χ^2 /NDF:9.8/14

Left: 234.580 $\pm$ 1003.154 χ^2 /NDF: 30.2/30

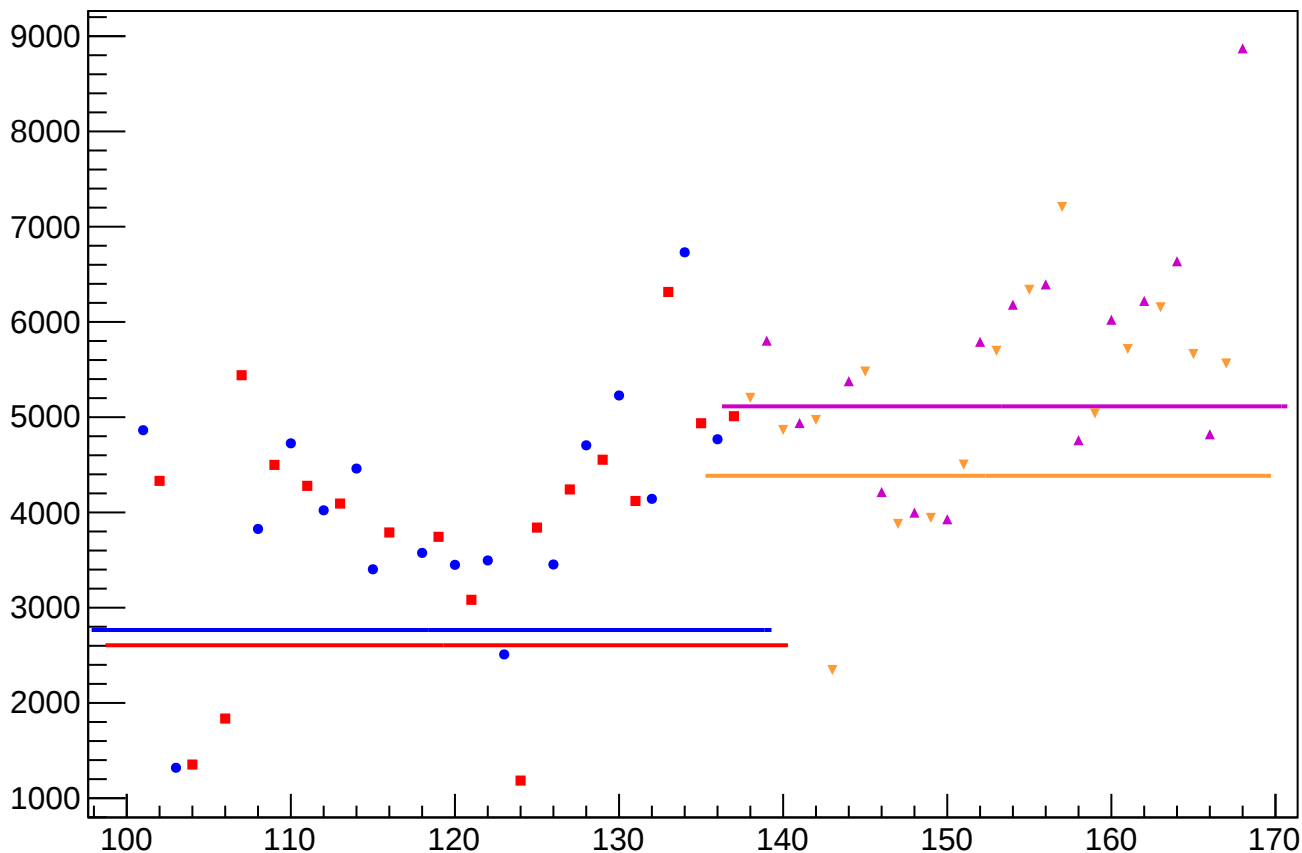
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -67.574 $\pm$ 948.811 χ^2 /NDF:26.6/31

Out: -397.940 $\pm$ 861.514 χ^2 /NDF:37.3/33

All: -248.651 $\pm$ 637.817 χ^2 /NDF: 64.0/65

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: 4384.932 $\pm$ 0.942 χ^2 /NDF: 2173154.9/15

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

Left In: 5113.683 $\pm$ 1.078 χ^2 /NDF: 977572.4/14

Left: 4700.626 $\pm$ 0.709 χ^2 /NDF: 3409889.1/30

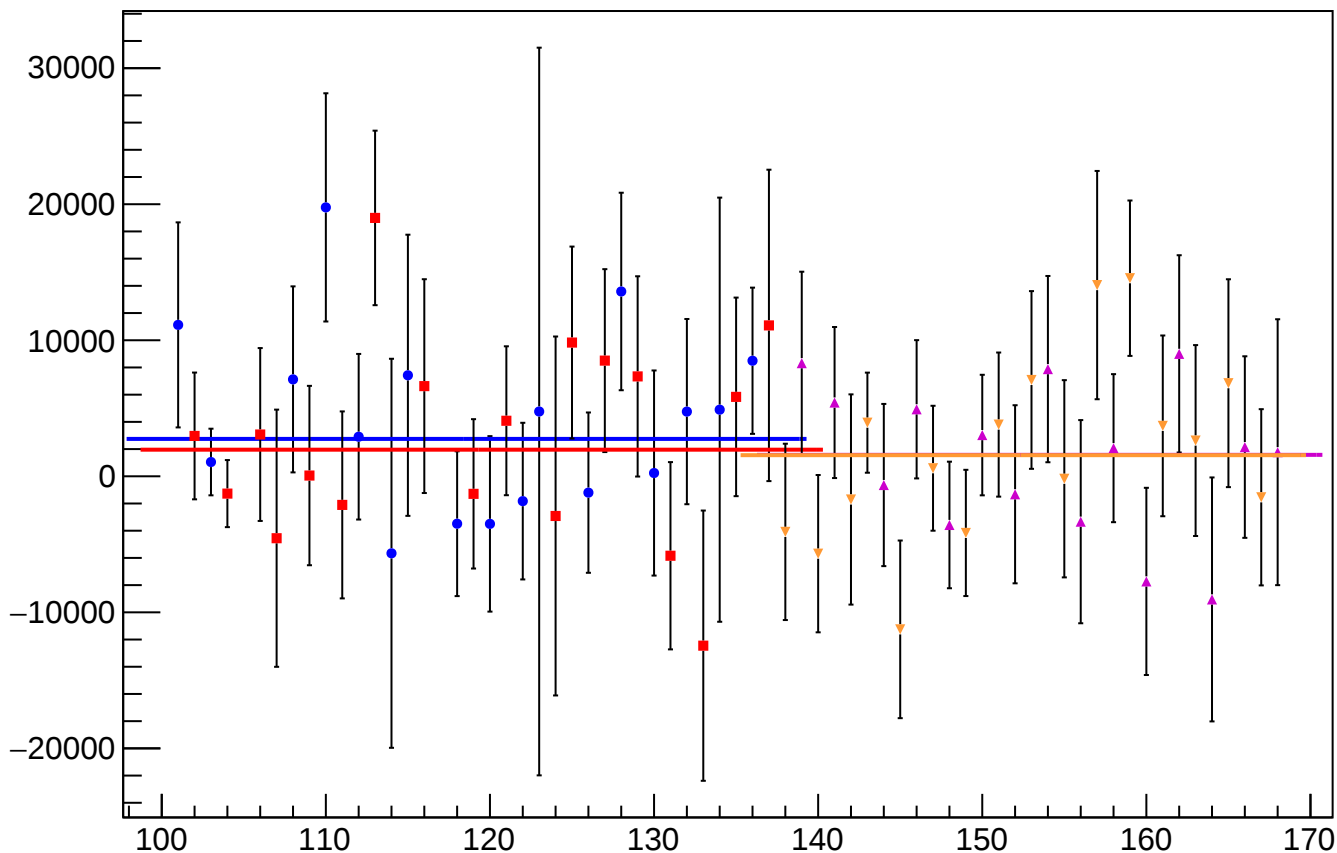
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3675.651 $\pm$ 0.671 χ^2 /NDF: 6823619.1/31

Out: 3349.393 $\pm$ 0.609 χ^2 /NDF: 7571197.3/33

All: 3496.826 $\pm$ 0.451 χ^2 /NDF: 14524432.7/6

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1552.827+/-1460.829 χ^2/NDF : 17.5/15

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

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

Left: 1563.518+/-1072.689 χ^2/NDF : 26.7/30

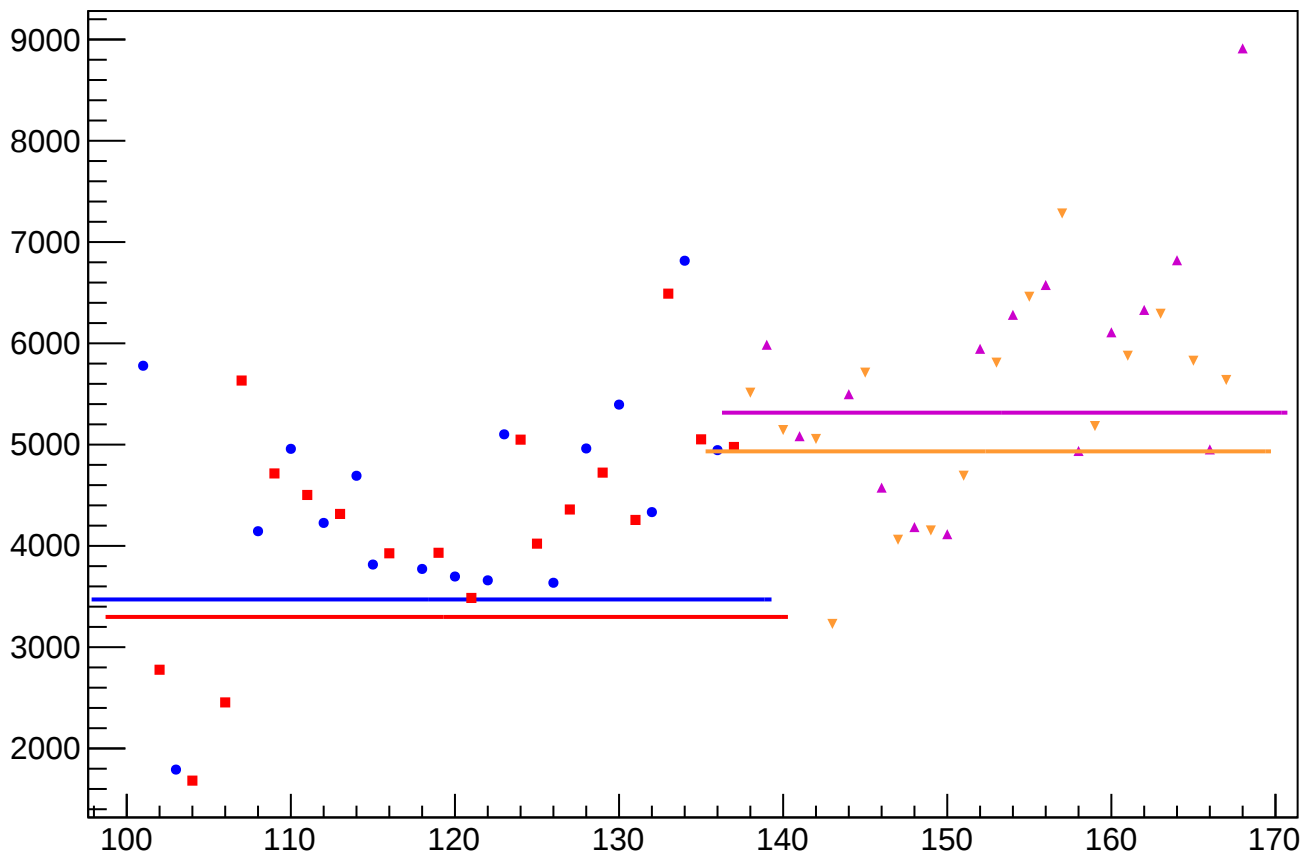
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

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

Out: 1765.210+/-1004.814 χ^2/NDF : 35.3/33

All: 1976.039+/-731.518 χ^2/NDF : 58.7/65

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: 4933.295+/-1.033 χ^2/NDF : 1061107.9/15

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

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

Left: 5109.337+/-0.759 χ^2/NDF : 1980374.2/30

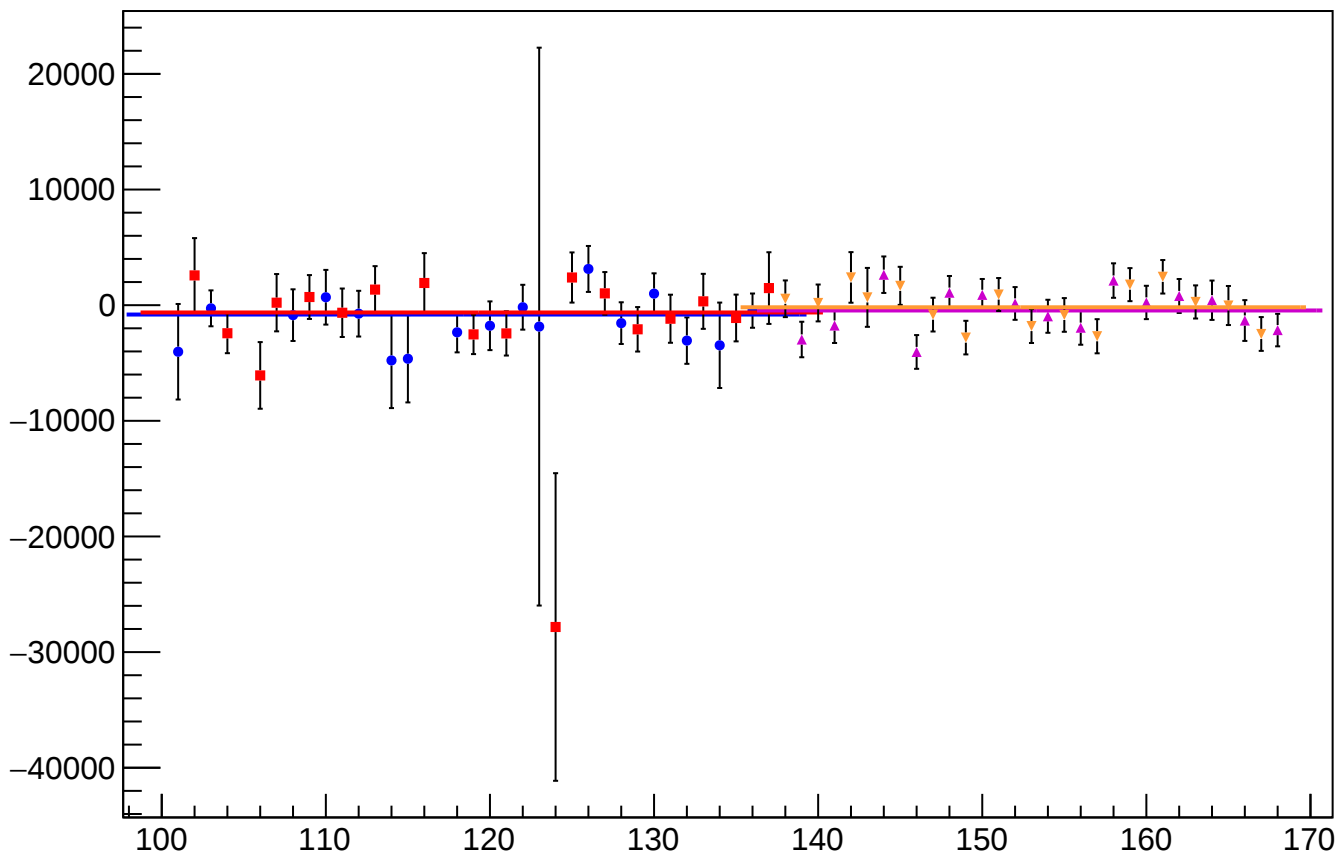
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

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

Out: 4064.534+/-0.707 χ^2/NDF : 4278053.7/33

All: 4180.238+/-0.516 χ^2/NDF : 8441445.6/65

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017 ± 518.190 $\chi^2/\text{NDF}: 11.2/16$

Left Out: -182.532 ± 388.555 $\chi^2/\text{NDF}: 19.2/15$

Right Out: -630.651 ± 514.931 $\chi^2/\text{NDF}: 18.6/17$

Left In: -457.280 ± 384.487 $\chi^2/\text{NDF}: 22.7/14$

Left: -321.352 ± 273.300 $\chi^2/\text{NDF}: 42.1/30$

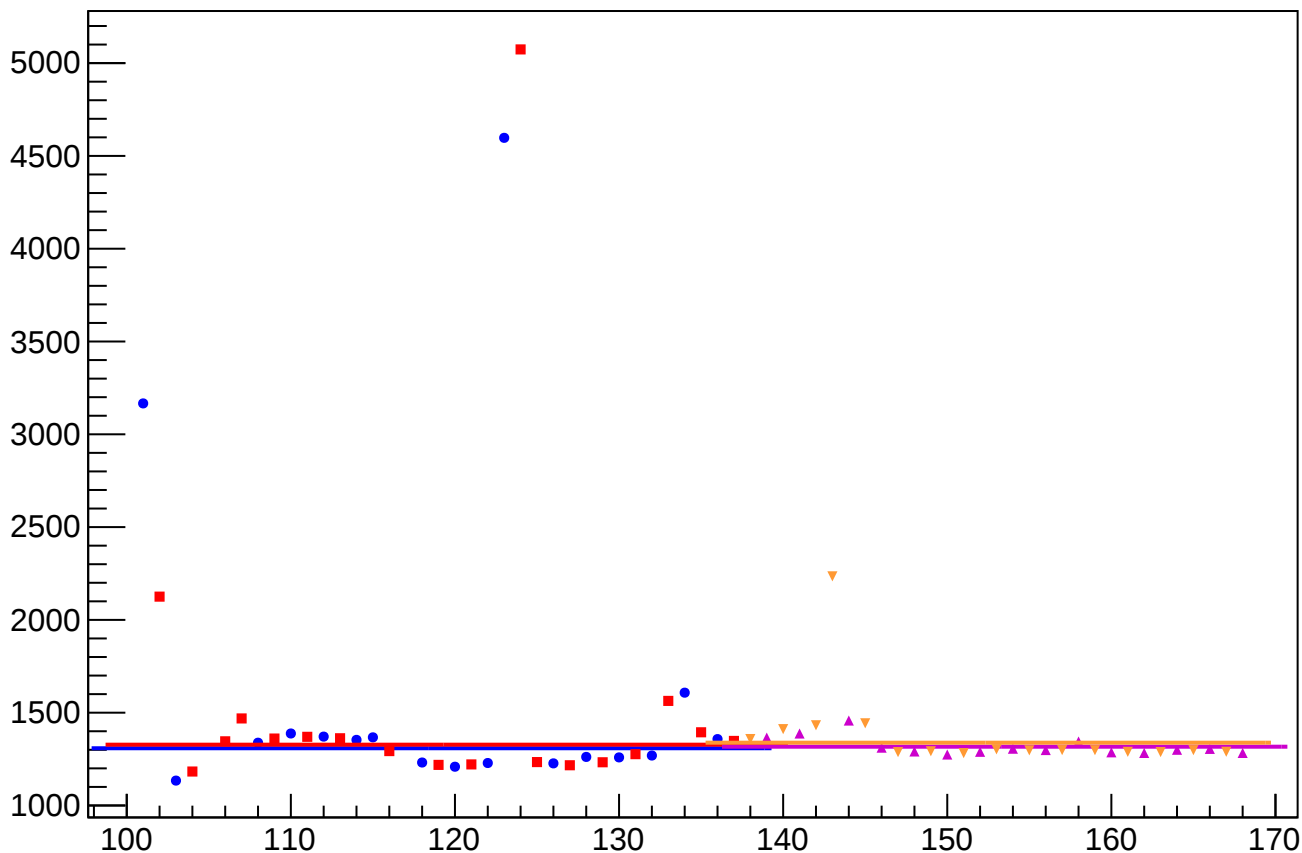
Right: -719.271 ± 365.258 $\chi^2/\text{NDF}: 29.8/34$

In: -582.168 ± 308.774 $\chi^2/\text{NDF}: 34.2/31$

Out: -345.113 ± 310.162 $\chi^2/\text{NDF}: 38.2/33$

All: -464.172 ± 218.825 $\chi^2/\text{NDF}: 72.7/65$

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: 1338.369+/-0.275 χ^2/NDF : 285335.6/15

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

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

Left: 1327.443+/-0.193 χ^2/NDF : 318657.4/30

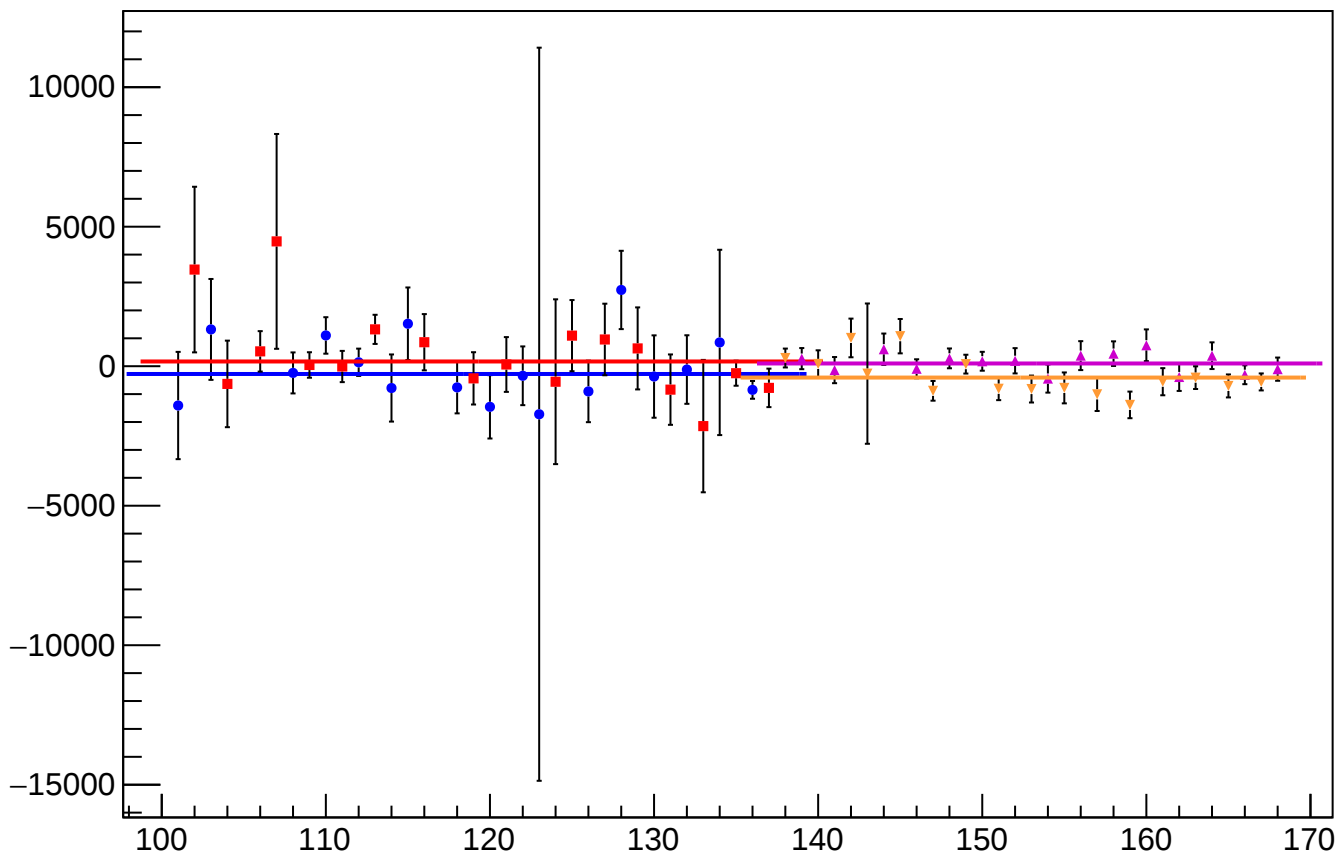
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

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

Out: 1334.479+/-0.219 χ^2/NDF : 643218.9/33

All: 1324.078+/-0.155 χ^2/NDF : 1184770.9/65

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 ± 198.123 $\chi^2/\text{NDF}: 18.0/16$

Left Out: -407.066 ± 110.193 $\chi^2/\text{NDF}: 27.4/15$

Right Out: 169.608 ± 192.488 $\chi^2/\text{NDF}: 14.4/17$

Left In: 97.980 ± 109.286 $\chi^2/\text{NDF}: 8.3/14$

Left: -152.456 ± 77.596 $\chi^2/\text{NDF}: 46.3/30$

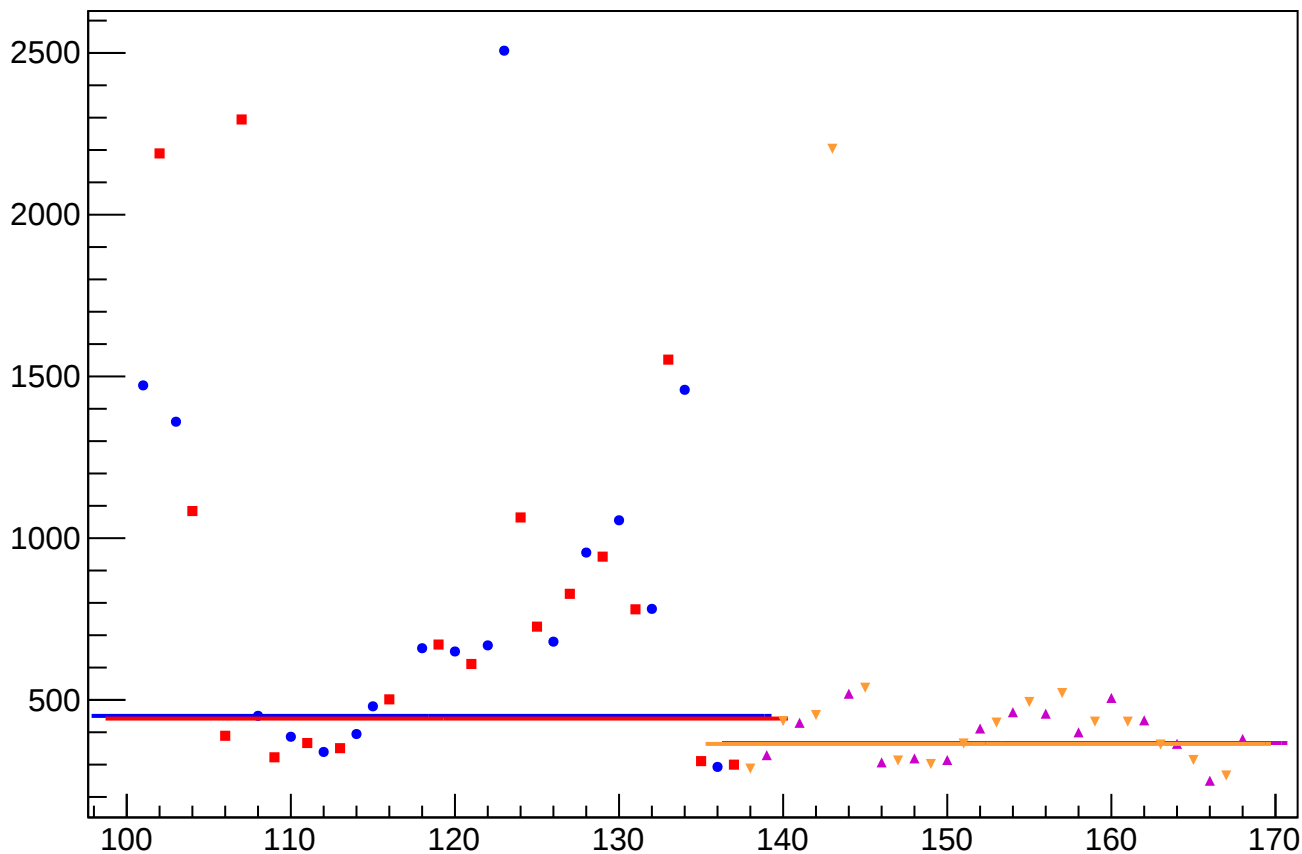
Right: -48.085 ± 138.058 $\chi^2/\text{NDF}: 35.0/34$

In: 10.103 ± 95.693 $\chi^2/\text{NDF}: 29.1/31$

Out: -264.726 ± 95.631 $\chi^2/\text{NDF}: 48.5/33$

All: -127.401 ± 67.643 $\chi^2/\text{NDF}: 81.8/65$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 363.981 $\pm$ 0.078 χ^2 /NDF:2118566.1/15

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

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

Left: 365.406 $\pm$ 0.055 χ^2 /NDF: 3030995.8/30

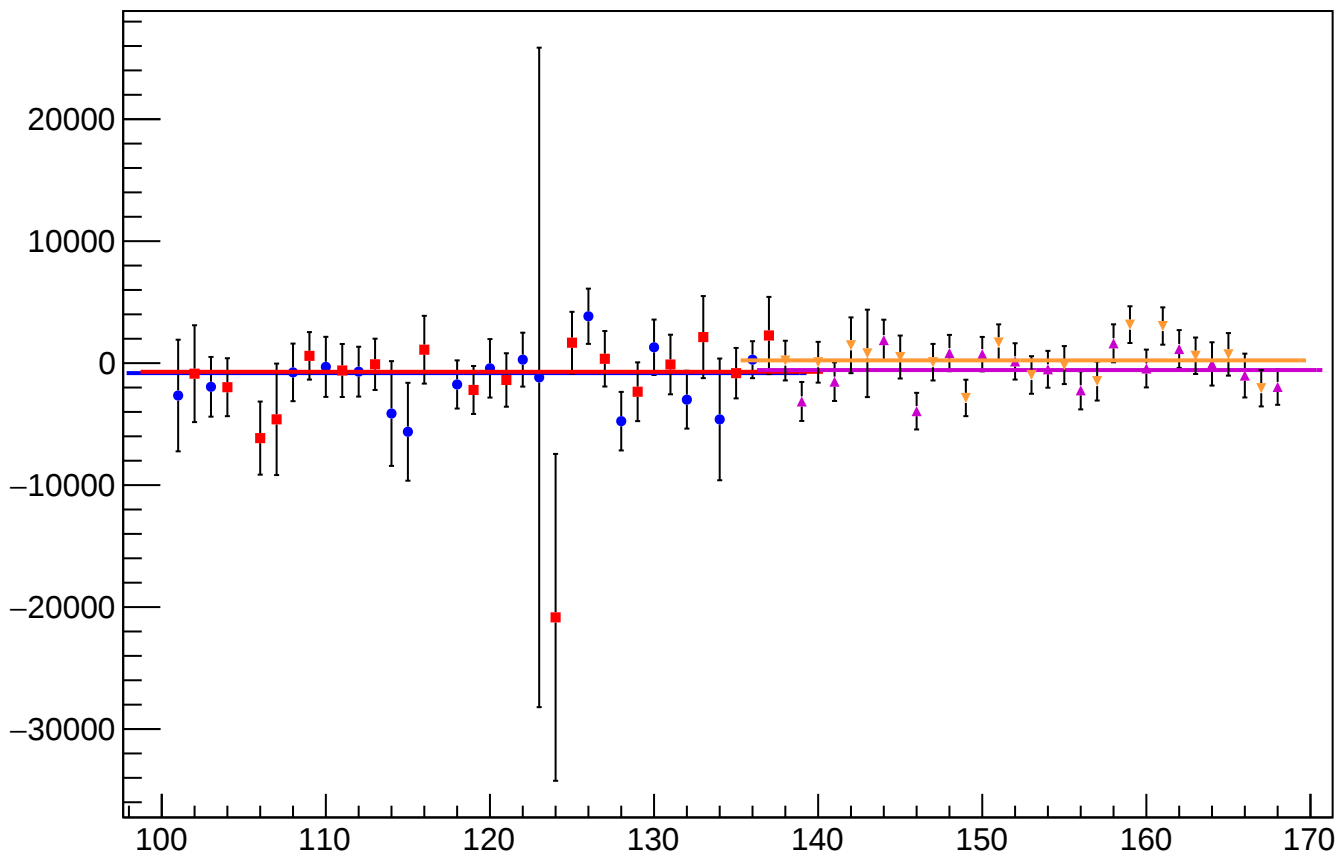
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

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

Out: 383.329 $\pm$ 0.068 χ^2 /NDF:5736702.7/33

All: 384.841 $\pm$ 0.048 χ^2 /NDF: 9921458.6/65

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: 227.334+/-408.576 χ^2/NDF :17.0/15

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

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

Left: -176.510+/-286.614 χ^2/NDF : 36.5/30

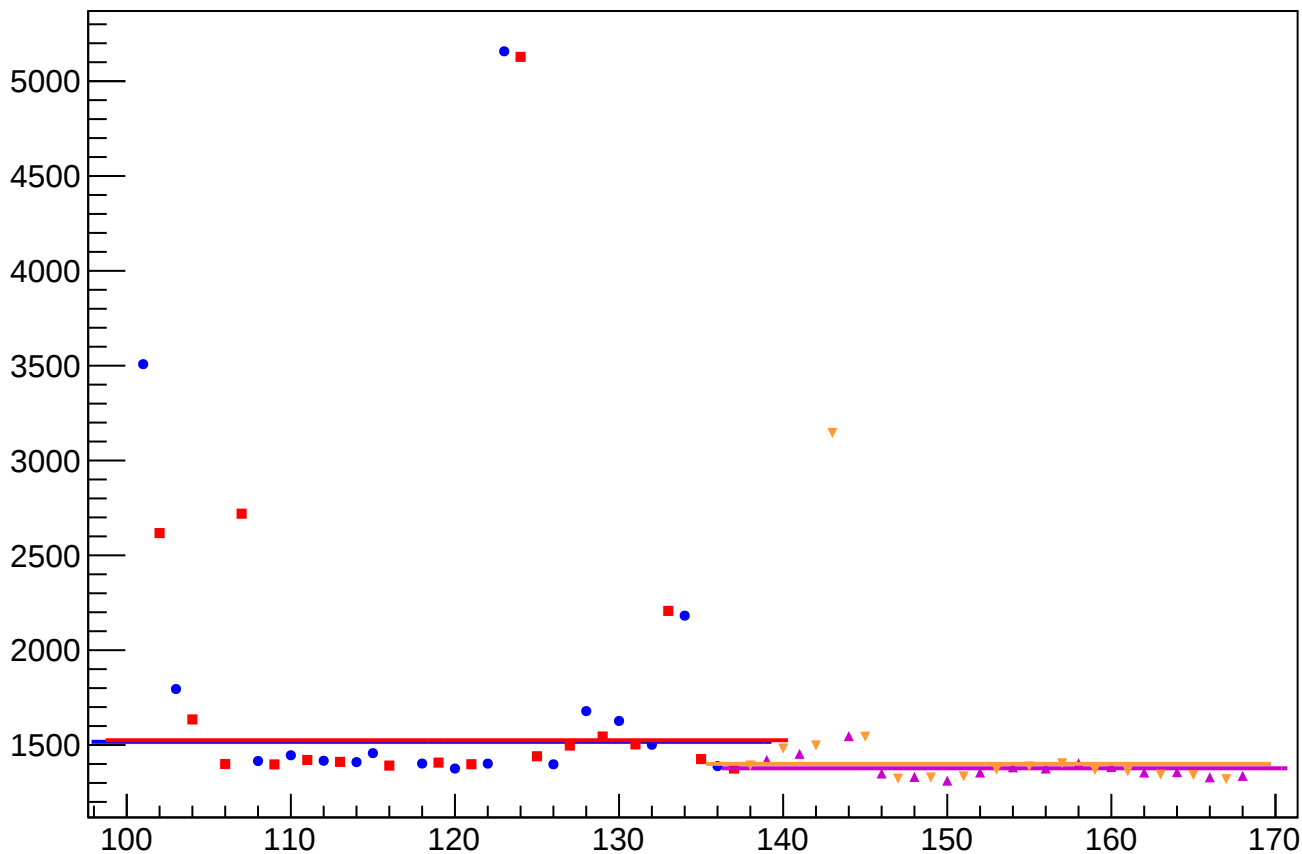
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

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

Out: -72.490+/-337.005 χ^2/NDF :30.1/33

All: -361.018+/-237.323 χ^2/NDF : 61.9/65

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: 1400.535 $\pm$ 0.289 χ^2 /NDF: 523990.2/15

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

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

Left: 1388.701 $\pm$ 0.203 χ^2 /NDF: 565409.7/30

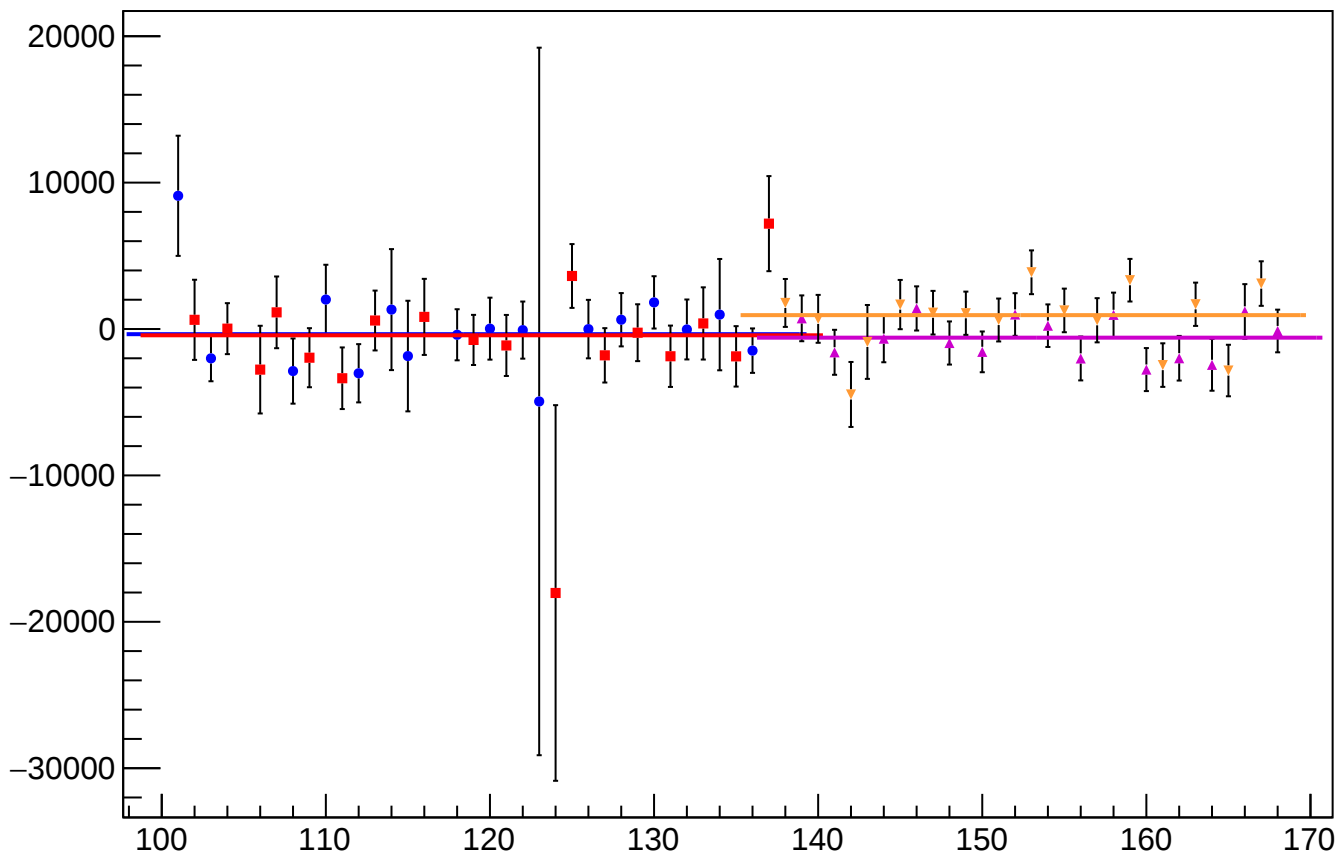
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

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

Out: 1440.353 $\pm$ 0.238 χ^2 /NDF: 1155343.6/33

All: 1430.309 $\pm$ 0.168 χ^2 /NDF: 1812637.4/65

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 χ^2/NDF : 13.4/16

Left Out: 947.625 ± 398.119 χ^2/NDF : 25.8/15

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

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

Left: 170.854 ± 280.185 χ^2/NDF : 45.4/30

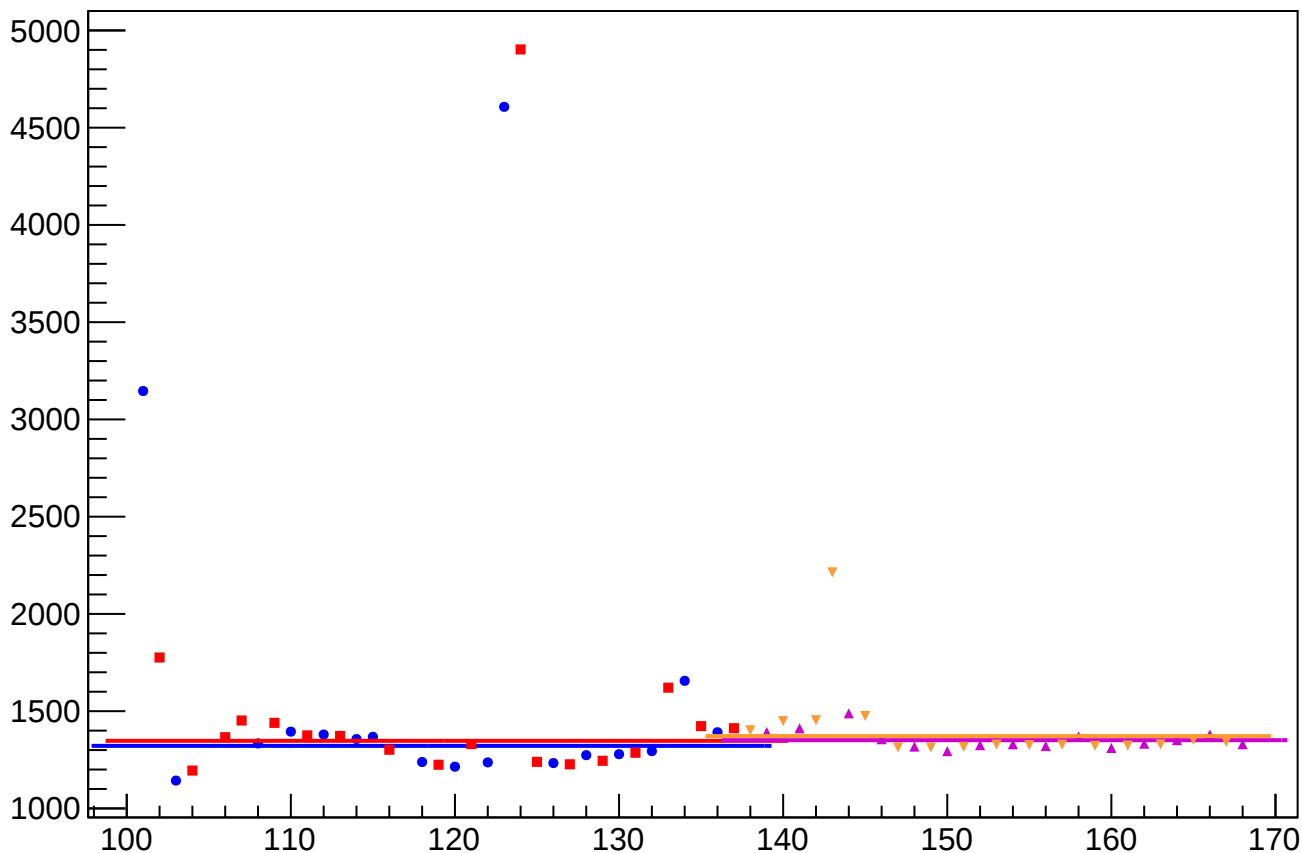
Right: -391.220 ± 369.698 χ^2/NDF : 30.3/34

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

Out: 441.712 ± 316.635 χ^2/NDF : 47.0/33

All: -34.205 ± 223.301 χ^2/NDF : 77.1/65

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: 1372.140 $\pm$ 0.282 χ^2 /NDF: 259276.0/15

Right Out: 1347.646 $\pm$ 0.369 χ^2 /NDF: 286301.2/17

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

Left: 1361.368 $\pm$ 0.198 χ^2 /NDF: 290551.1/30

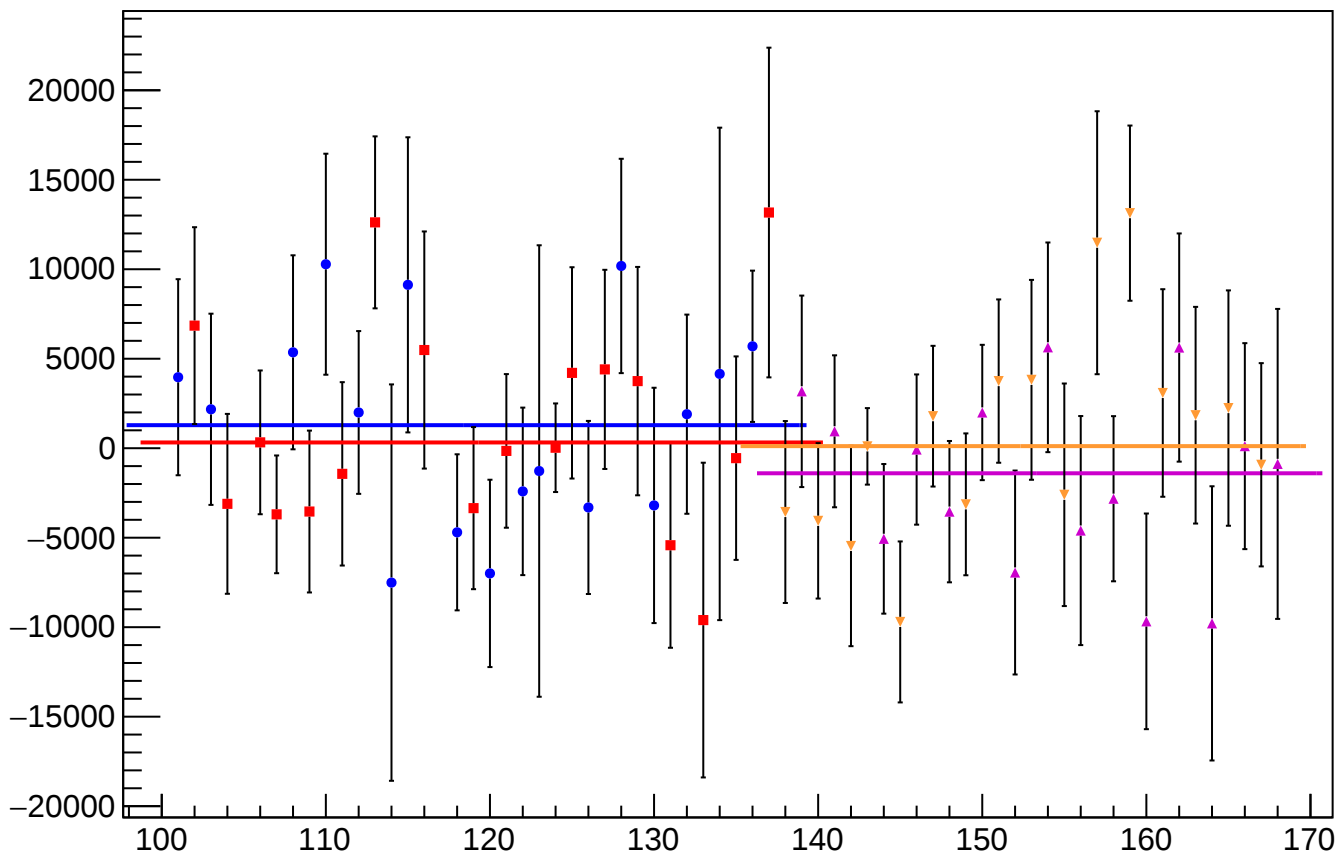
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

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

Out: 1363.133 $\pm$ 0.224 χ^2 /NDF: 548361.0/33

All: 1351.637 $\pm$ 0.158 χ^2 /NDF: 1088171.2/65

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: 116.636+/-1119.649 χ^2/NDF :19.3/15

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

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

Left: -523.713+/-851.169 χ^2/NDF : 30.2/30

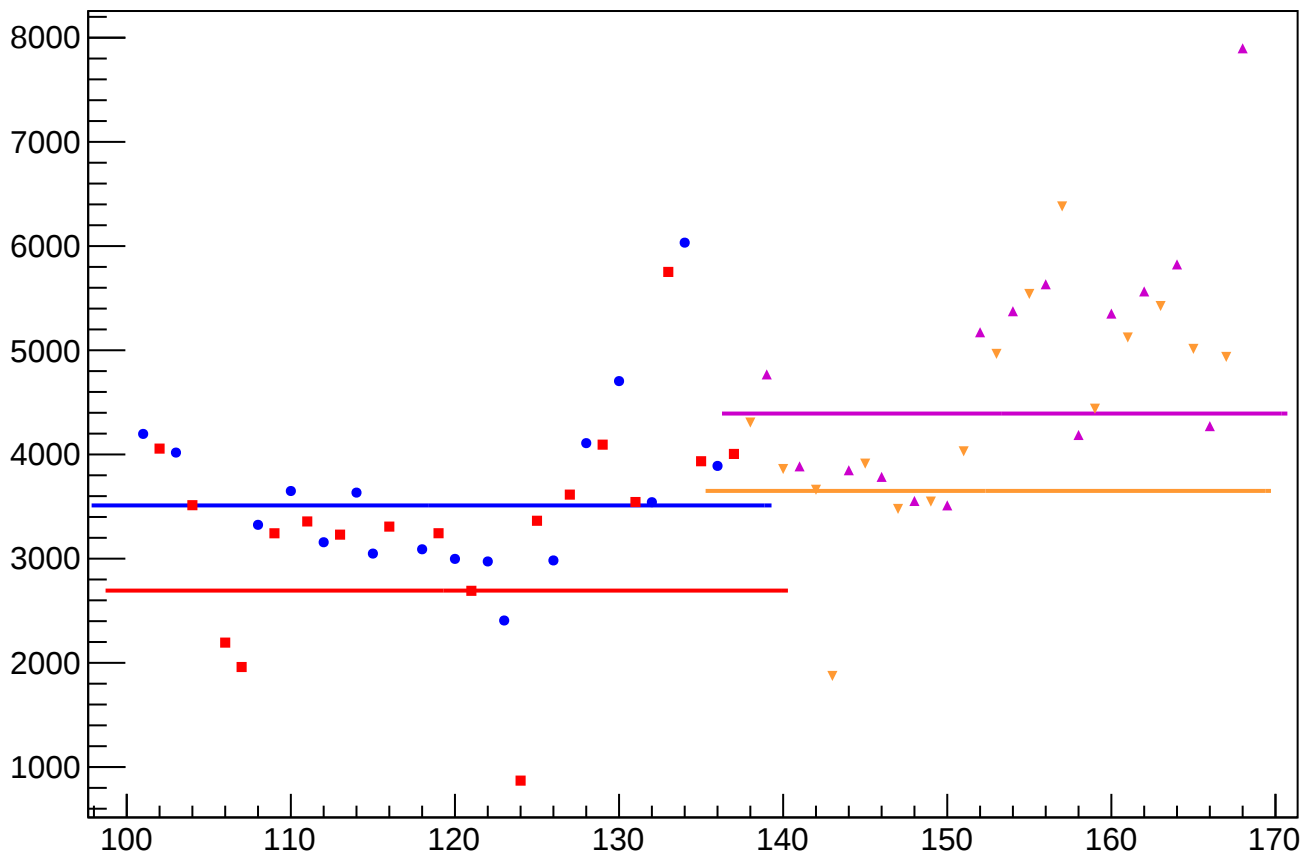
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

Out: 220.367+/-786.690 χ^2/NDF :36.9/33

All: 80.796+/-605.596 χ^2/NDF : 63.3/65

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 3650.185+/-0.792 χ^2/NDF : 2557545.7/15

Right Out: 2693.503+/-0.782 χ^2/NDF : 2125842.2/17

Left In: 4392.672+/-0.926 χ^2/NDF : 1002733.7/14

Left: 3963.574+/-0.602 χ^2/NDF : 3931505.3/30

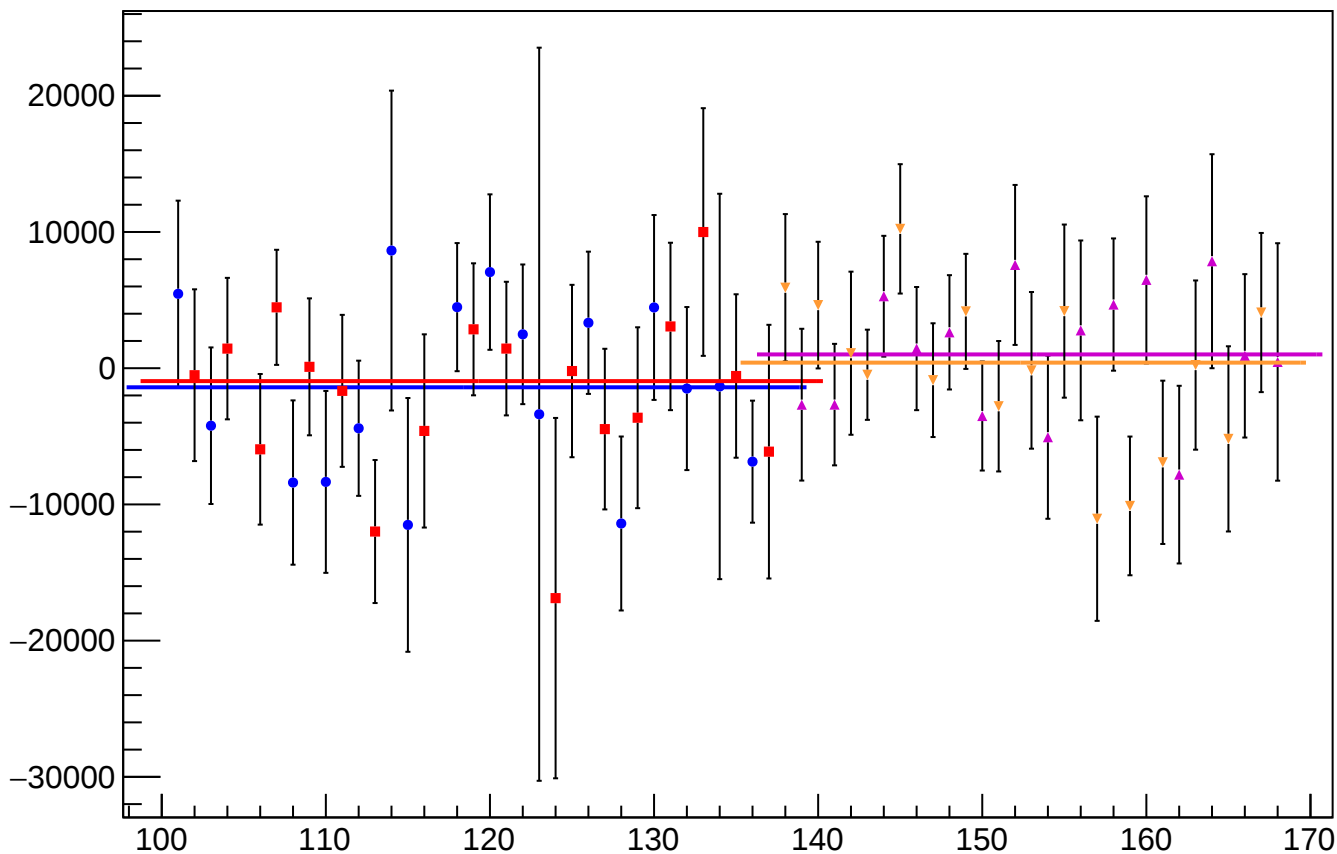
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3973.297+/-0.671 χ^2/NDF : 1777713.3/31

Out: 3165.795+/-0.556 χ^2/NDF : 5422701.2/33

All: 3494.775+/-0.428 χ^2/NDF : 8058903.7/65

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 408.606 ± 1273.034 $\chi^2/\text{NDF}: 17.1/15$

Right Out: -947.960 ± 1382.709 $\chi^2/\text{NDF}: 12.5/17$

Left In: 1011.481 ± 1372.278 $\chi^2/\text{NDF}: 9.8/14$

Left: 687.457 ± 933.286 $\chi^2/\text{NDF}: 27.0/30$

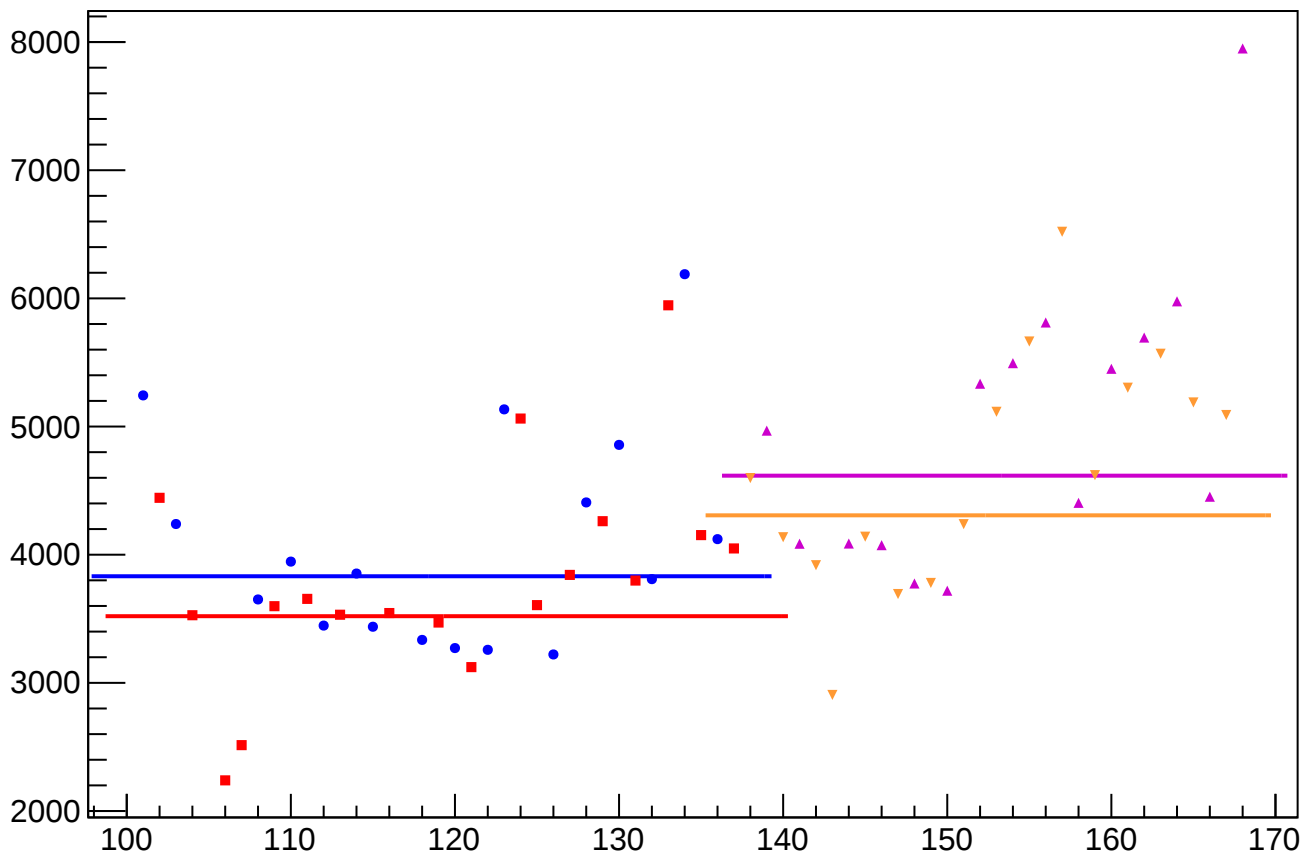
Right: -1155.658 ± 1017.952 $\chi^2/\text{NDF}: 28.3/34$

In: -84.590 ± 1013.768 $\chi^2/\text{NDF}: 27.0/31$

Out: -213.749 ± 936.547 $\chi^2/\text{NDF}: 30.1/33$

All: -154.276 ± 687.921 $\chi^2/\text{NDF}: 57.1/65$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4307.228+/-0.900 χ^2/NDF : 972229.4/15

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

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

Left: 4450.336+/-0.660 χ^2/NDF : 1889247.6/30

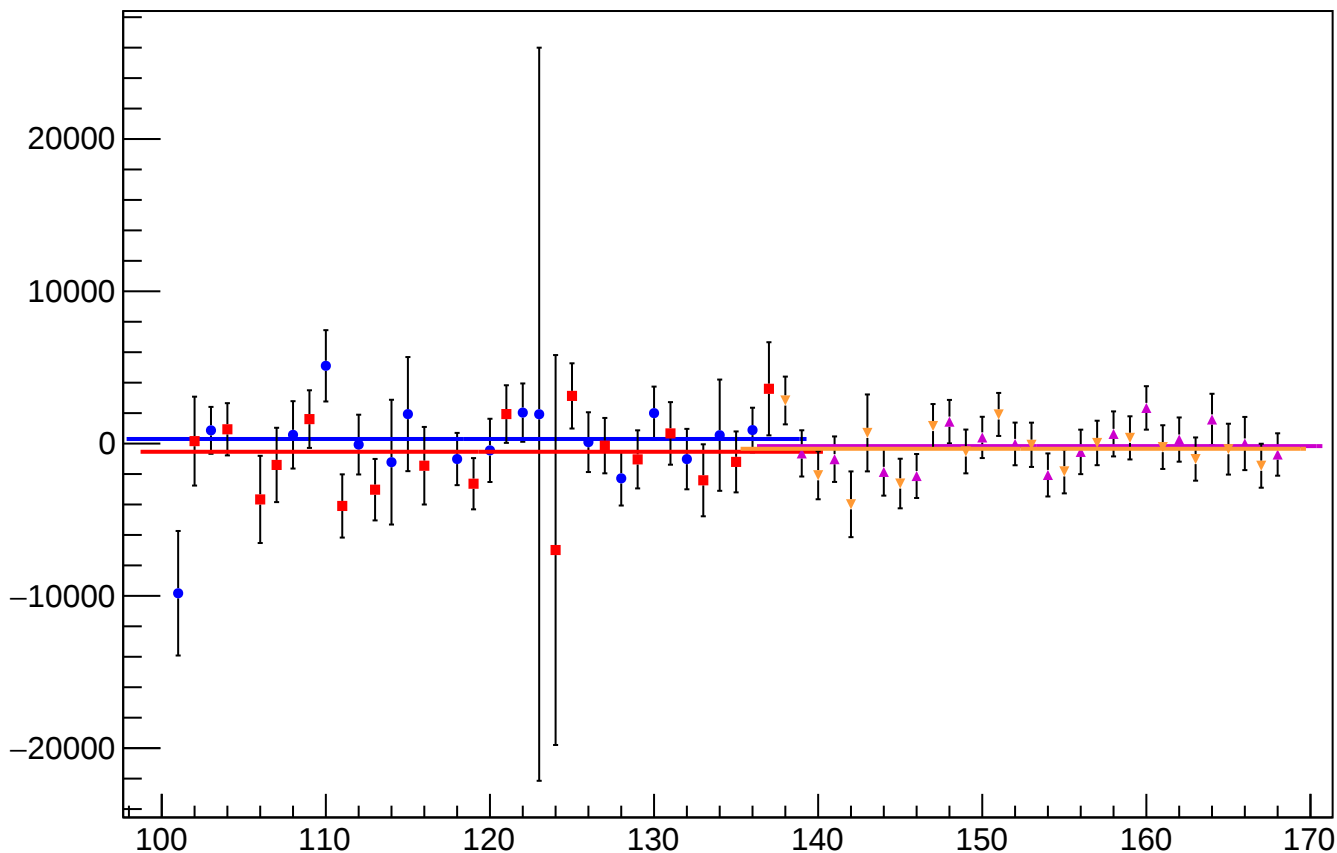
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

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

Out: 3942.565+/-0.659 χ^2/NDF : 1870565.7/33

All: 4088.122+/-0.485 χ^2/NDF : 3474092.3/65

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: -341.667 $\pm$ 384.548 χ^2 /NDF:16.2/15

Right Out: -537.727 $\pm$ 508.684 χ^2 /NDF: 17.5/17

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

Left: -252.703 $\pm$ 270.487 χ^2 /NDF: 27.8/30

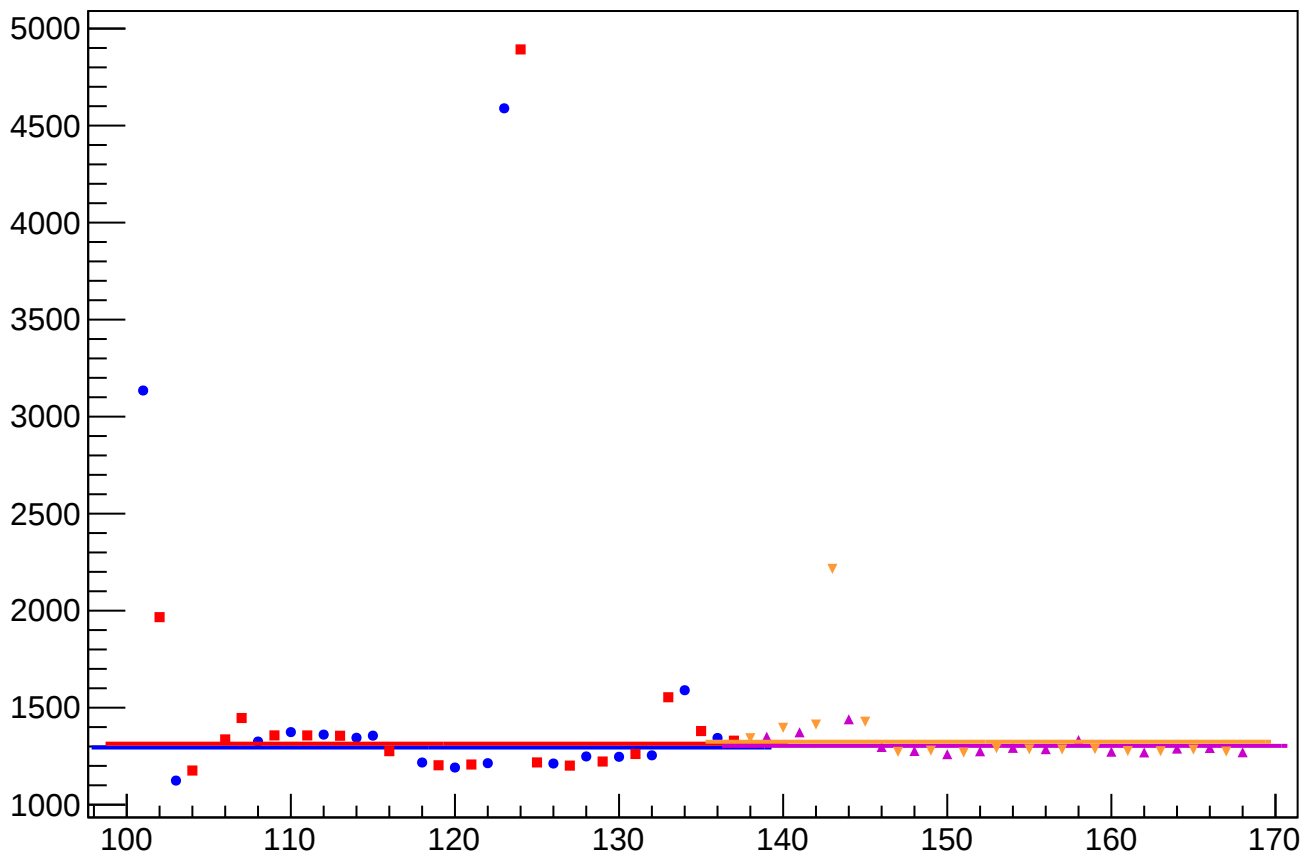
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

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

Out: -412.966 $\pm$ 306.758 χ^2 /NDF:33.7/33

All: -205.479 $\pm$ 216.498 χ^2 /NDF: 62.7/65

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 ± 0.363 $\chi^2/\text{NDF}: 507803.9/16$

Left Out: 1324.470 ± 0.272 $\chi^2/\text{NDF}: 286048.5/15$

Right Out: 1314.588 ± 0.360 $\chi^2/\text{NDF}: 333838.6/17$

Left In: 1303.198 ± 0.269 $\chi^2/\text{NDF}: 29765.4/14$

Left: 1313.722 ± 0.191 $\chi^2/\text{NDF}: 318905.8/30$

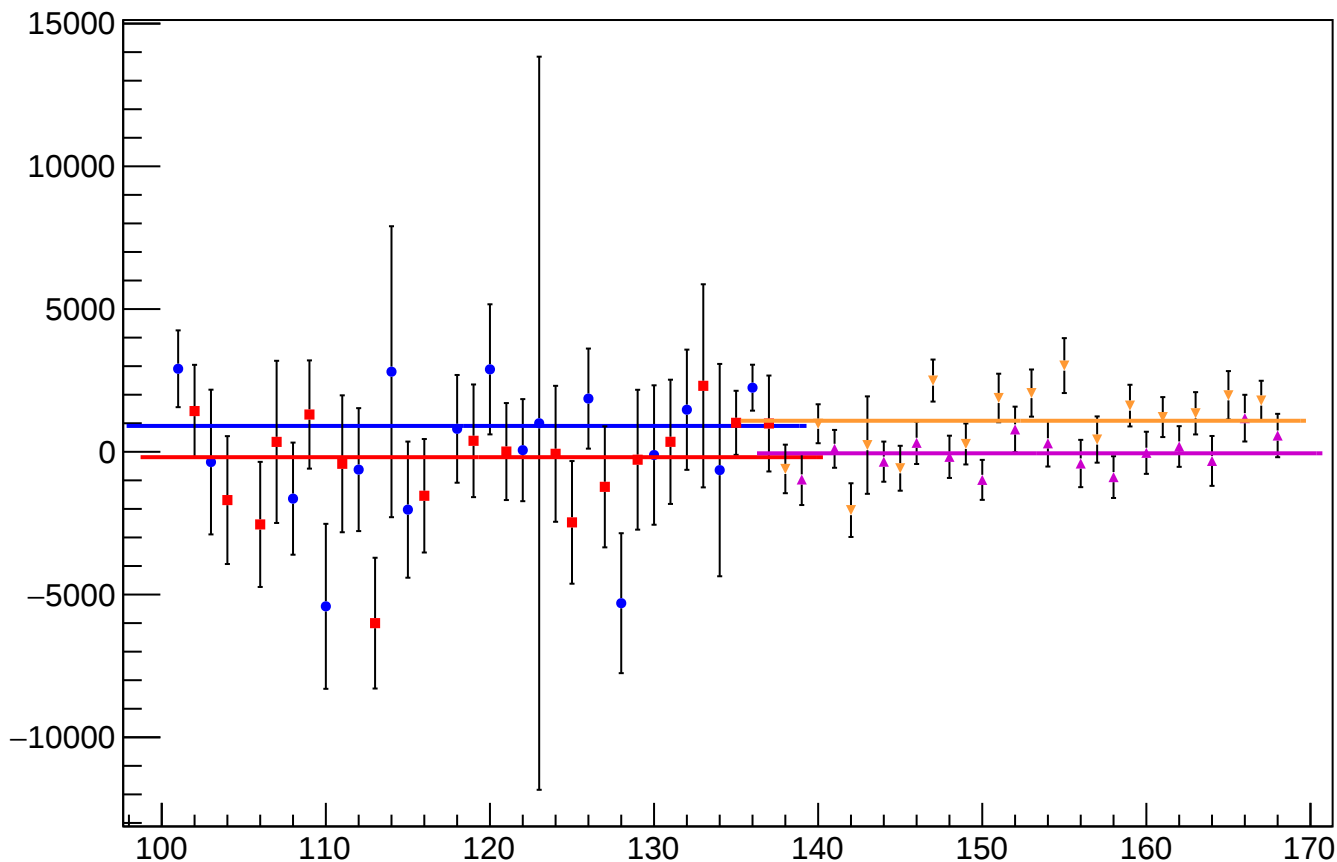
Right: 1304.740 ± 0.255 $\chi^2/\text{NDF}: 843154.3/34$

In: 1300.191 ± 0.216 $\chi^2/\text{NDF}: 537921.1/31$

Out: 1320.876 ± 0.217 $\chi^2/\text{NDF}: 620367.4/33$

All: 1310.494 ± 0.153 $\chi^2/\text{NDF}: 1162852.8/65$

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: 1087.799 $\pm$ 199.746 χ^2 /NDF:34.5/15

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

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

Left: 507.620 $\pm$ 139.968 χ^2 /NDF: 60.3/30

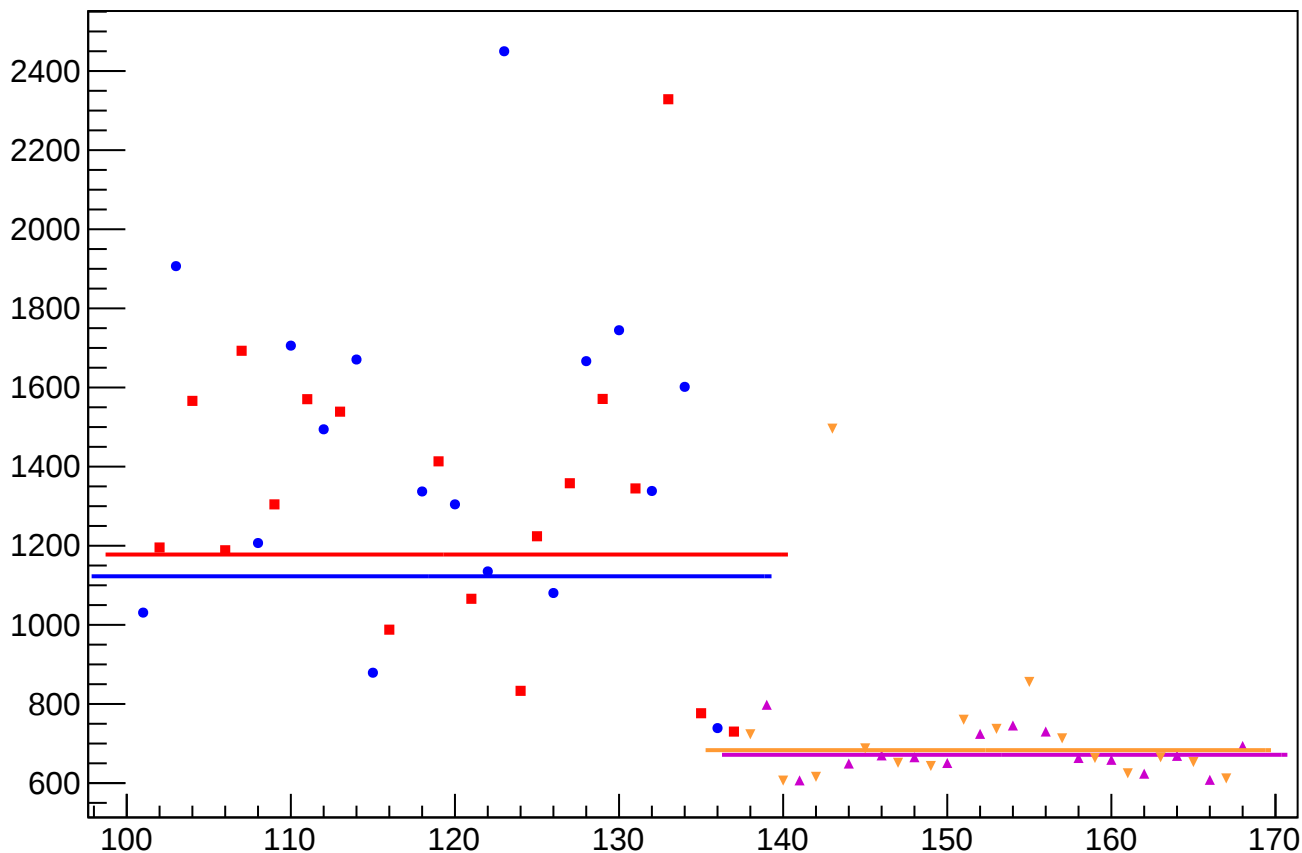
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

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

Out: 888.696 $\pm$ 183.501 χ^2 /NDF:54.7/33

All: 486.066 $\pm$ 128.575 χ^2 /NDF: 99.1/65

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: 683.281+/-0.141 χ^2/NDF : 635969.2/15

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

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

Left: 677.307+/-0.099 χ^2/NDF : 761300.5/30

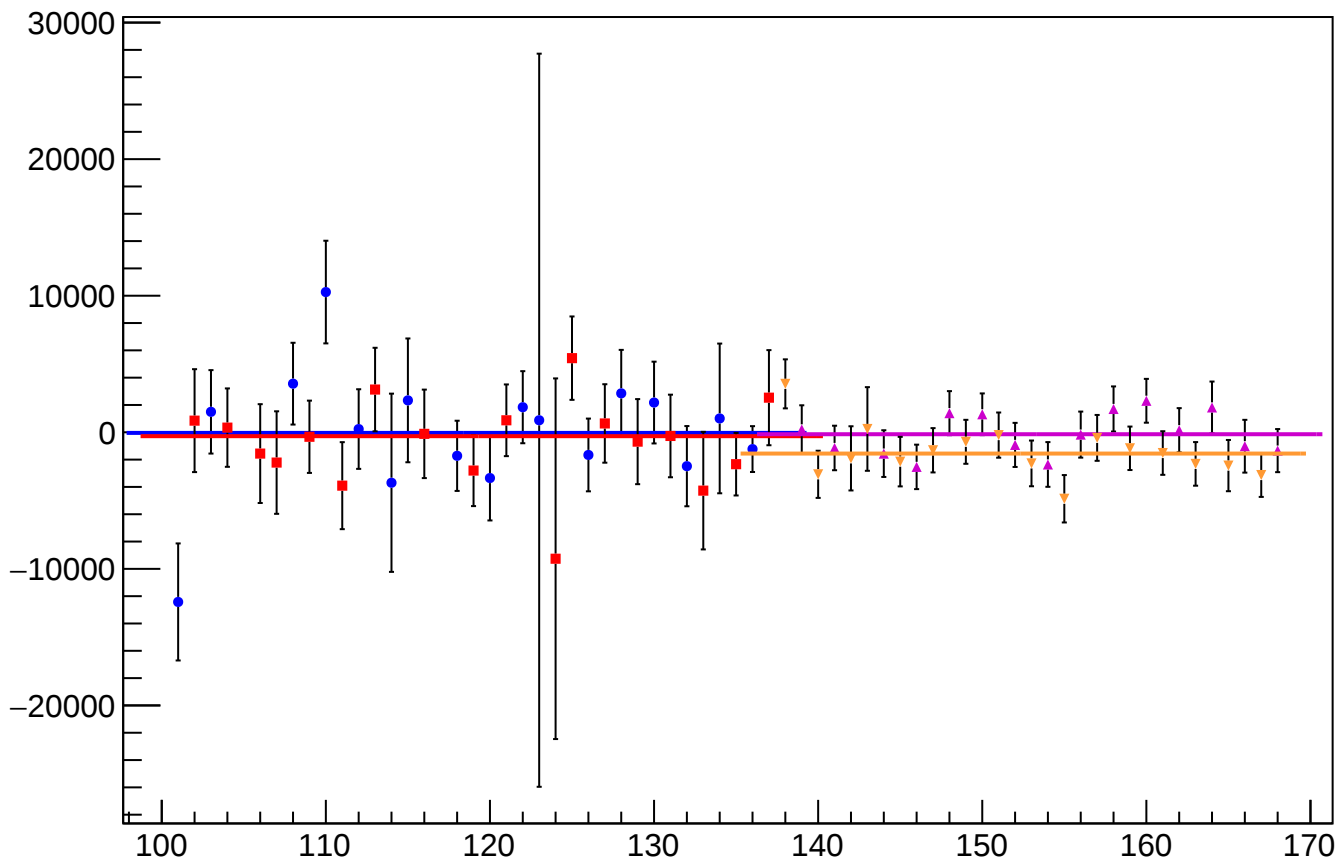
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

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

Out: 760.445+/-0.130 χ^2/NDF : 3570493.7/33

All: 751.090+/-0.091 χ^2/NDF : 6543973.7/65

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: -1557.587 ± 435.744 $\chi^2/\text{NDF}: 16.1/15$

Right Out: -285.373 ± 735.391 $\chi^2/\text{NDF}: 10.6/17$

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

Left: -839.144 ± 305.847 $\chi^2/\text{NDF}: 34.1/30$

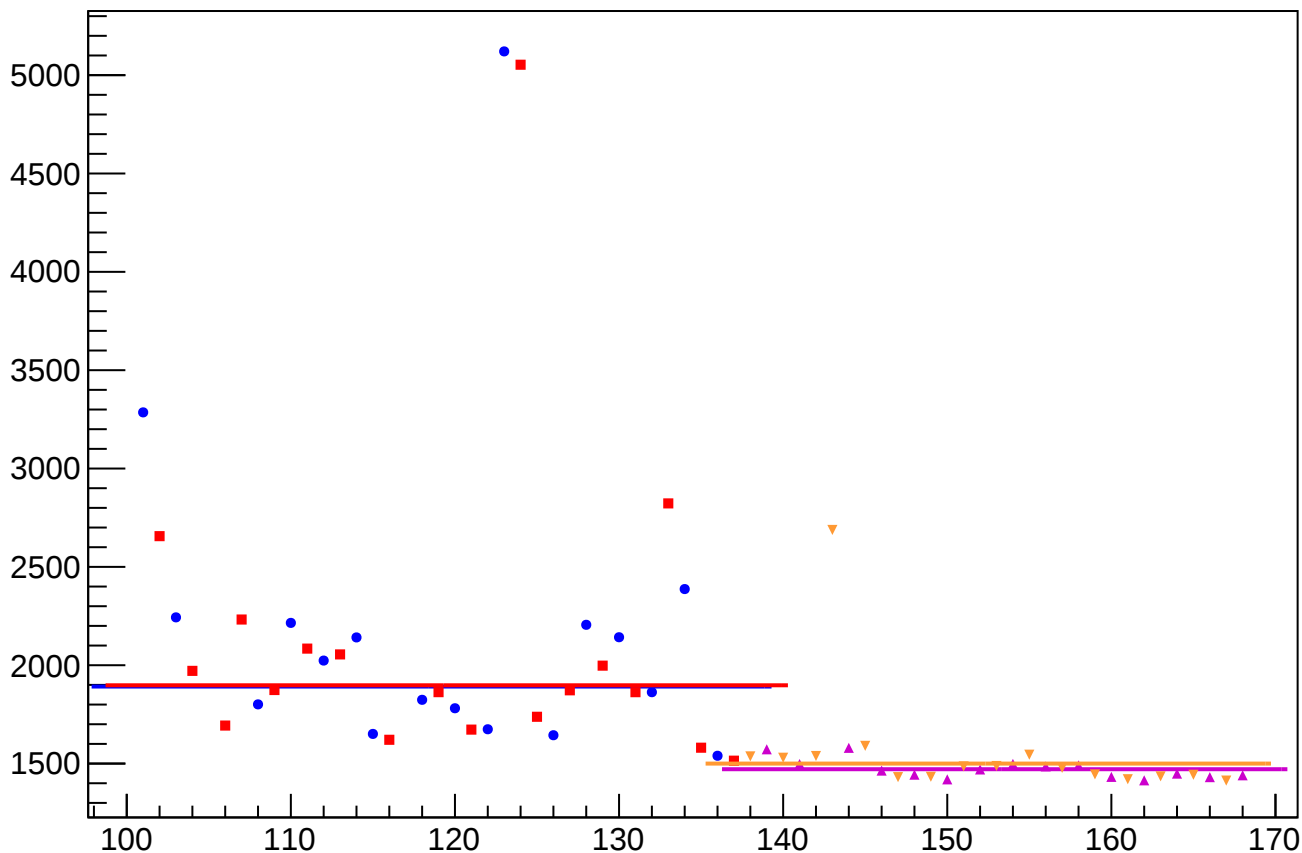
Right: -166.852 ± 524.259 $\chi^2/\text{NDF}: 33.9/34$

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

Out: -1226.989 ± 374.877 $\chi^2/\text{NDF}: 28.9/33$

All: -668.434 ± 264.178 $\chi^2/\text{NDF}: 69.2/65$

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: 1499.920 $\pm$ 0.308 χ^2 /NDF: 335131.0/15

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1471.297 $\pm$ 0.304 χ^2 /NDF: 24603.1/14

Left: 1485.399 $\pm$ 0.216 χ^2 /NDF: 364112.2/30

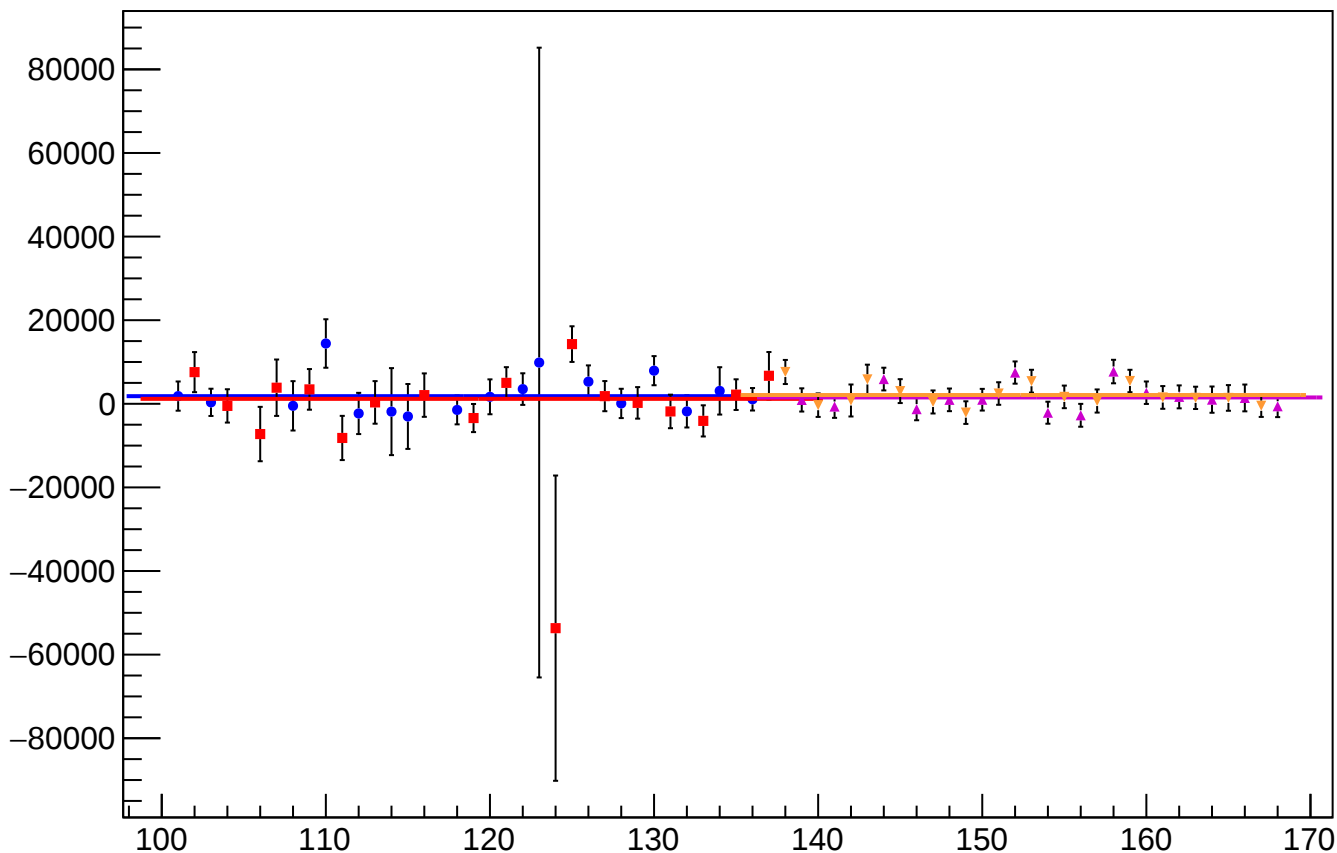
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1575.577 $\pm$ 0.263 χ^2 /NDF: 969195.6/31

Out: 1603.370 $\pm$ 0.265 χ^2 /NDF: 1192615.2/33

All: 1589.380 $\pm$ 0.187 χ^2 /NDF: 2167344.6/65

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2098.815 $\pm$ 709.387 χ^2 /NDF:13.0/15

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1517.001 $\pm$ 708.488 χ^2 /NDF:19.6/14

Left: 1807.539 $\pm$ 501.294 χ^2 /NDF: 32.9/30

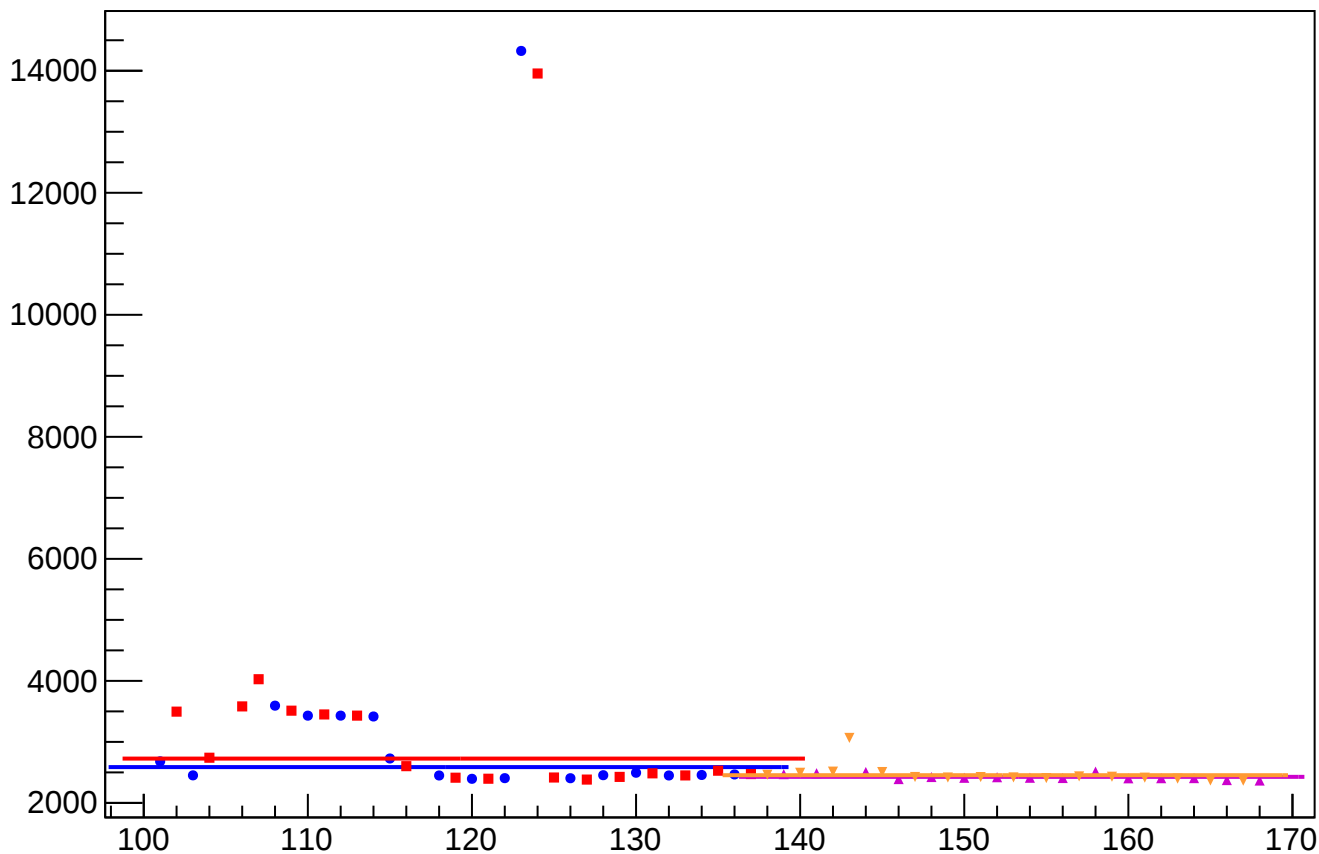
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

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

Out: 1811.712 $\pm$ 587.796 χ^2 /NDF:39.0/33

All: 1713.858 $\pm$ 412.867 χ^2 /NDF: 71.2/65

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 ± 0.714 χ^2/NDF : 254112.7/16

Left Out: 2454.074 ± 0.502 χ^2/NDF : 69162.3/15

Right Out: 2726.457 ± 0.742 χ^2/NDF : 580850.1/17

Left In: 2427.172 ± 0.501 χ^2/NDF : 7746.7/14

Left: 2440.606 ± 0.354 χ^2/NDF : 78348.9/30

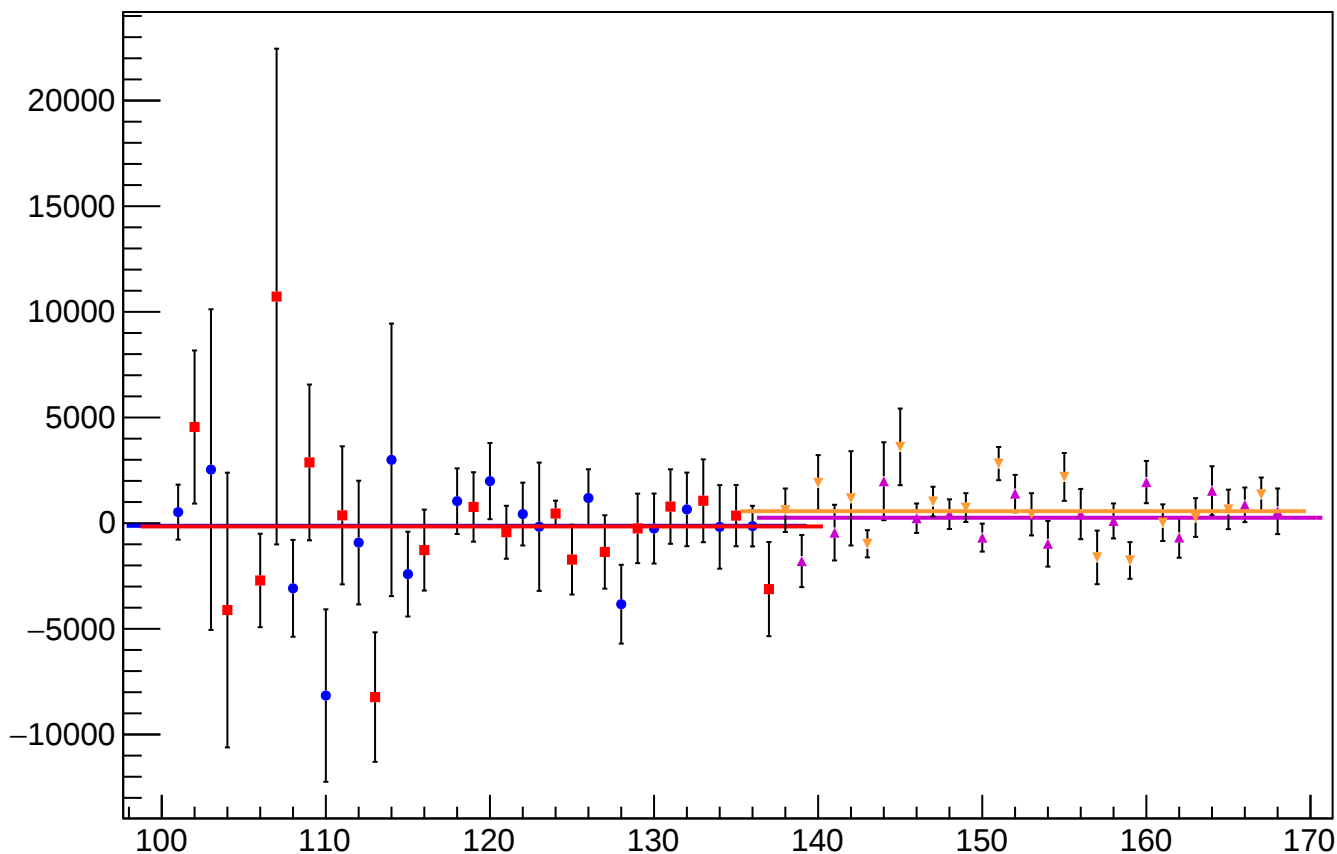
Right: 2654.027 ± 0.515 χ^2/NDF : 853292.0/34

In: 2479.862 ± 0.410 χ^2/NDF : 295409.3/31

Out: 2539.446 ± 0.416 χ^2/NDF : 742431.4/33

All: 2509.259 ± 0.292 χ^2/NDF : 1048252.5/65

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 567.834+/-228.279 χ^2/NDF : 32.1/15

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 256.757+/-239.936 χ^2/NDF : 14.7/14

Left: 420.036+/-165.385 χ^2/NDF : 47.7/30

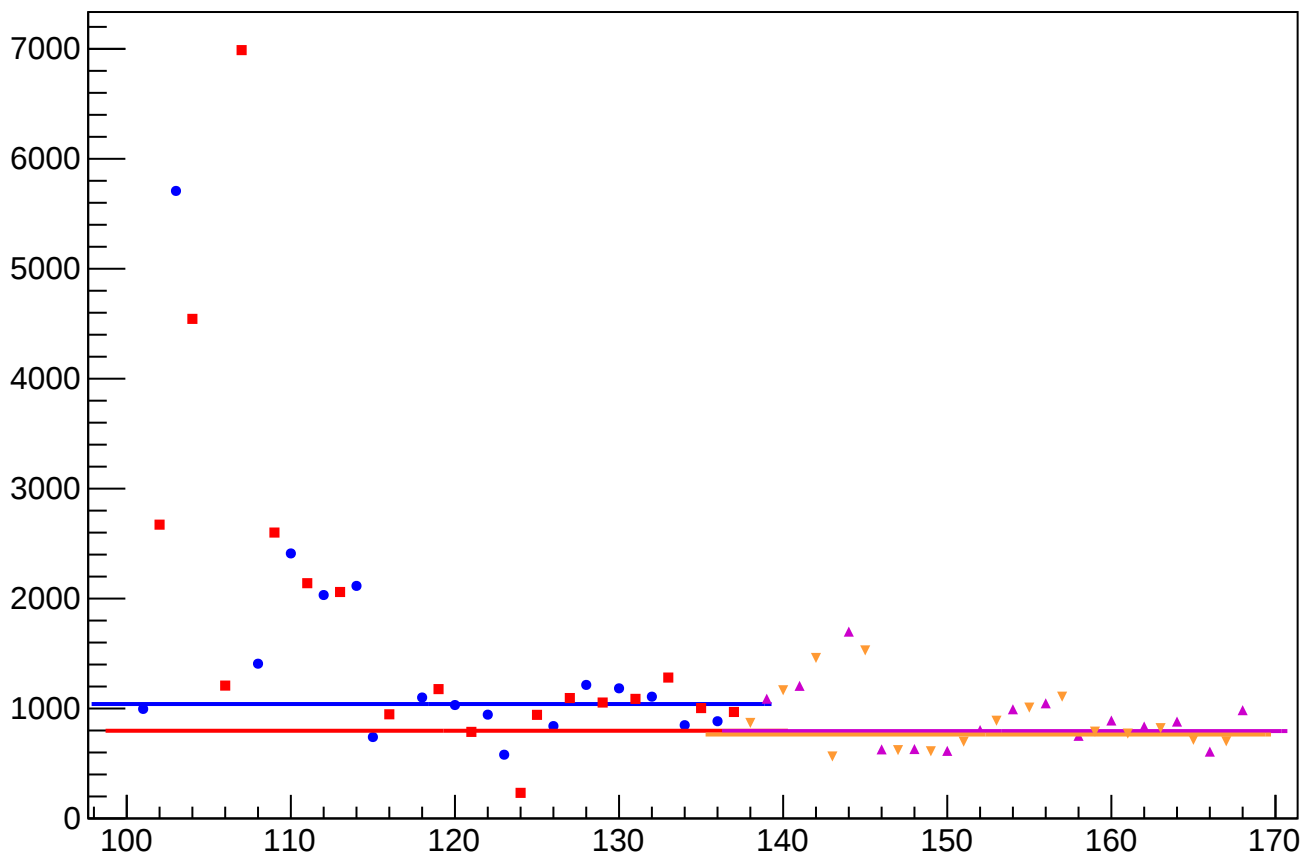
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: 166.486+/-209.612 χ^2/NDF : 30.0/31

Out: 376.945+/-195.810 χ^2/NDF : 52.3/33

All: 278.872+/-143.089 χ^2/NDF : 82.8/65

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 763.334+/-0.161 χ^2/NDF :1446809.9/15

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

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

Left: 778.259+/-0.117 χ^2/NDF : 2987406.5/30

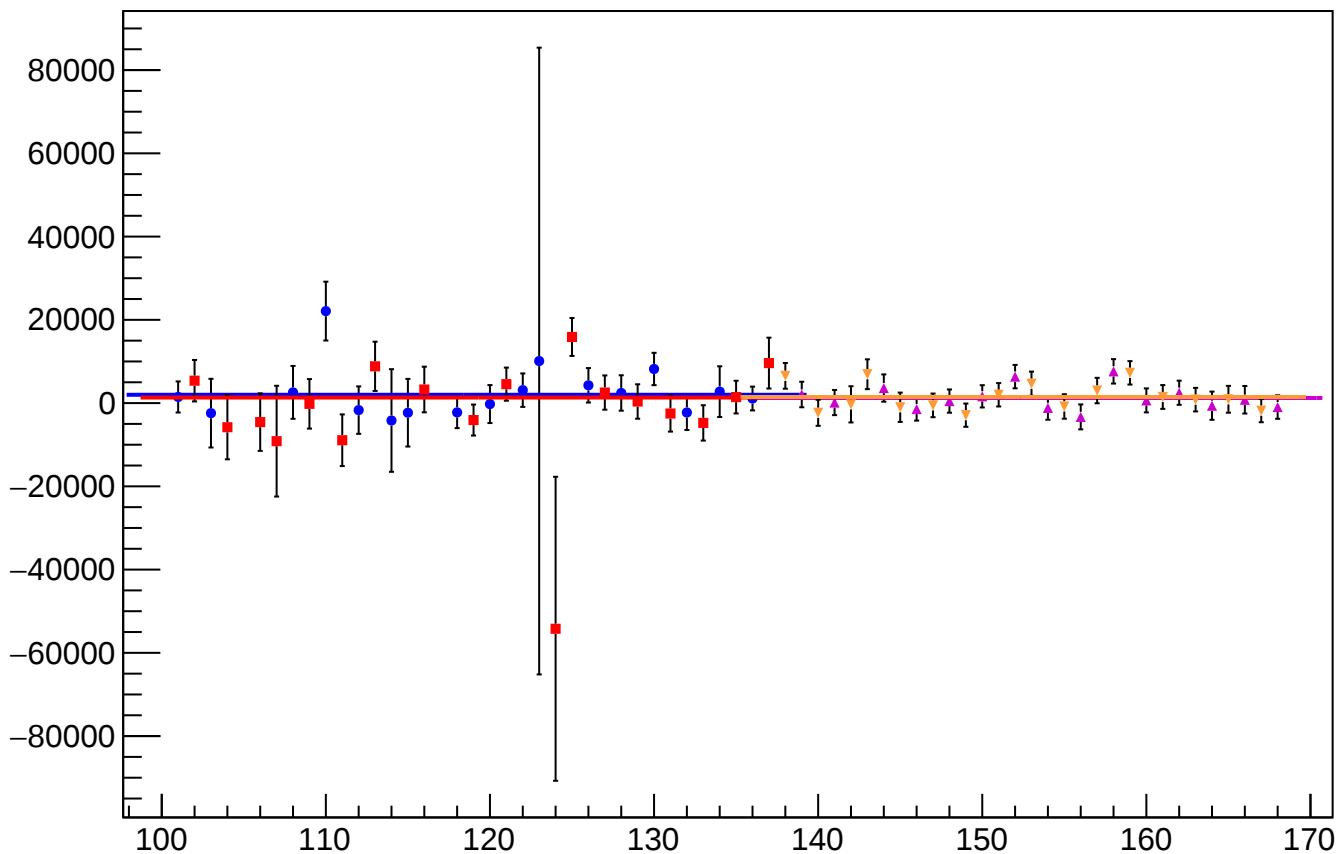
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

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

Out: 772.423+/-0.138 χ^2/NDF :6633141.3/33

All: 809.972+/-0.101 χ^2/NDF : 10384471.6/65

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263 $\pm$ 1155.054 χ^2/NDF : 14.9/16

Left Out: 1461.534 $\pm$ 758.985 χ^2/NDF :17.9/15

Right Out: 1336.627 $\pm$ 1193.730 χ^2/NDF : 27.5/17

Left In: 1231.433 $\pm$ 760.992 χ^2/NDF :14.0/14

Left: 1346.788 $\pm$ 537.392 χ^2/NDF : 31.9/30

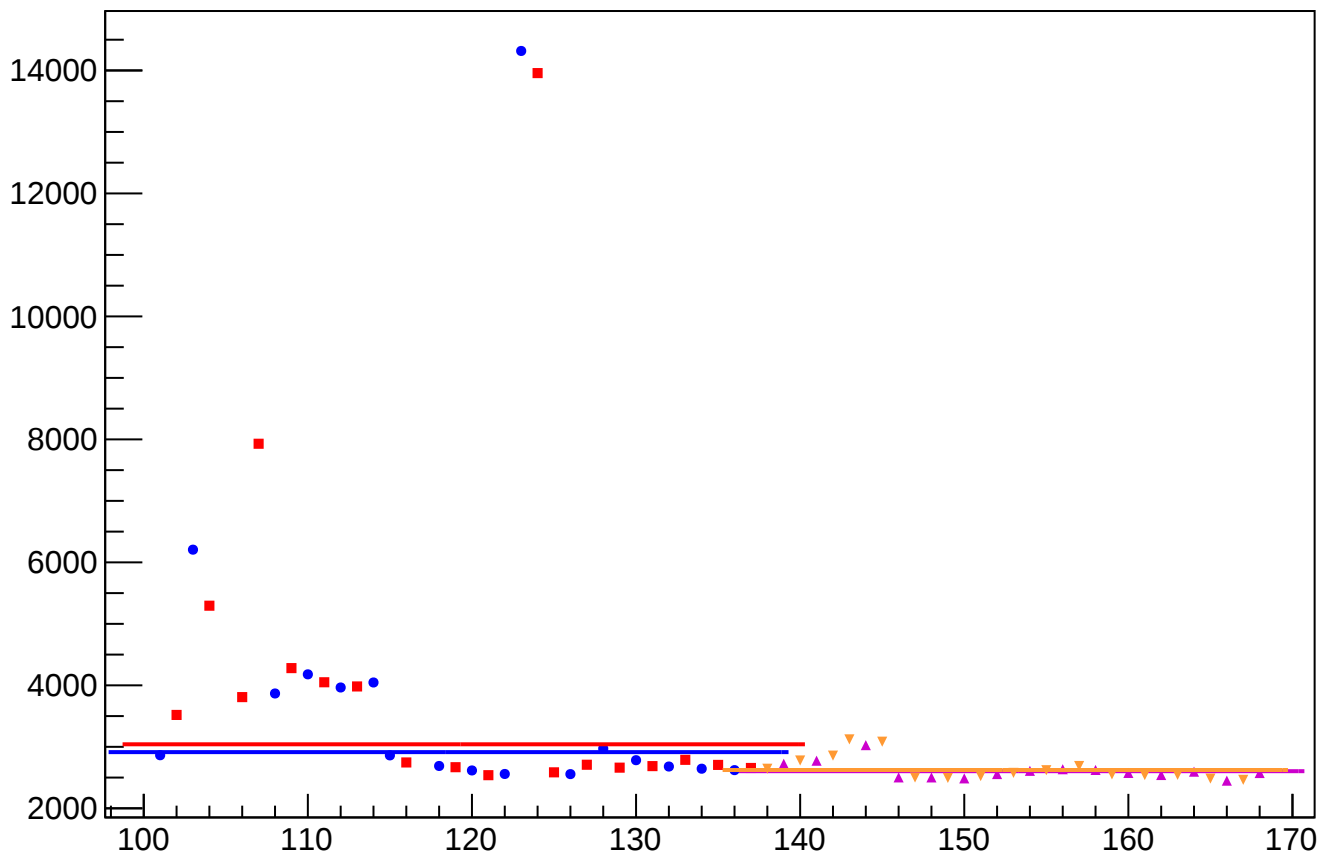
Right: 1677.304 $\pm$ 830.083 χ^2/NDF : 42.6/34

In: 1462.933 $\pm$ 635.471 χ^2/NDF :29.2/31

Out: 1425.576 $\pm$ 640.487 χ^2/NDF :45.4/33

All: 1444.402 $\pm$ 451.109 χ^2/NDF : 74.6/65

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875 $\pm$ 0.817 χ^2/NDF : 638984.6/16

Left Out: 2623.011 $\pm$ 0.537 χ^2/NDF : 110231.2/15

Right Out: 3041.227 $\pm$ 0.844 χ^2/NDF : 1003583.4/17

Left In: 2603.937 $\pm$ 0.538 χ^2/NDF : 58513.3/14

Left: 2613.499 $\pm$ 0.380 χ^2/NDF : 169374.4/30

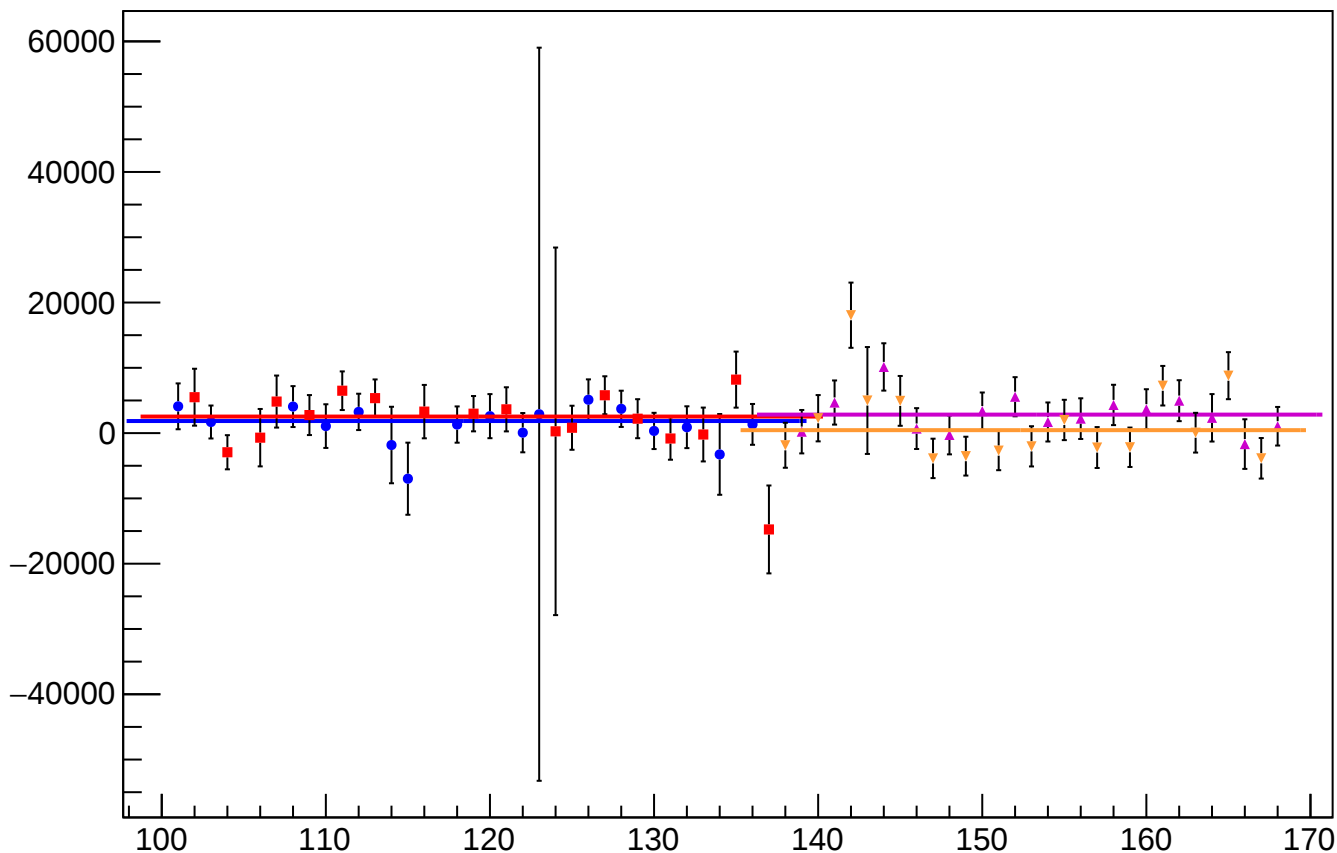
Right: 2975.455 $\pm$ 0.587 χ^2/NDF : 1654324.2/34

In: 2697.750 $\pm$ 0.449 χ^2/NDF : 797914.7/31

Out: 2743.406 $\pm$ 0.453 χ^2/NDF : 1288627.8/33

All: 2720.399 $\pm$ 0.319 χ^2/NDF : 2091663.9/65

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: 451.868 ± 833.102 χ^2/NDF : 34.5/15

Right Out: 2535.163 ± 819.322 χ^2/NDF : 20.0/17

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

Left: 1662.872 ± 584.056 χ^2/NDF : 48.8/30

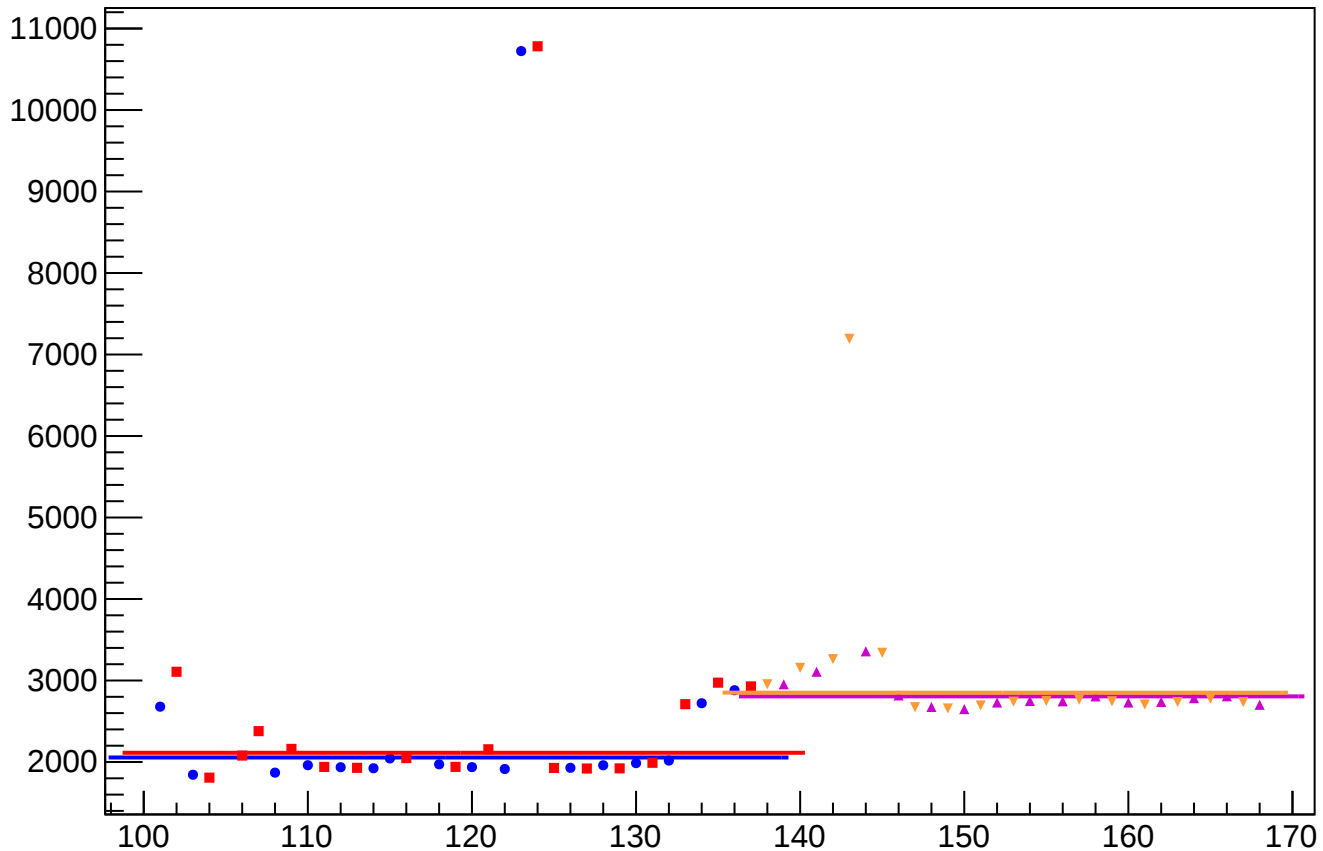
Right: 2187.336 ± 574.855 χ^2/NDF : 27.6/34

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

Out: 1510.887 ± 584.159 χ^2/NDF : 57.7/33

All: 1929.268 ± 409.698 χ^2/NDF : 76.8/65

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2850.982 ± 0.589 χ^2/NDF : 666321.5/15

Right Out: 2113.304 ± 0.578 χ^2/NDF : 532006.4/17

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

Left: 2827.824 ± 0.413 χ^2/NDF : 753000.1/30

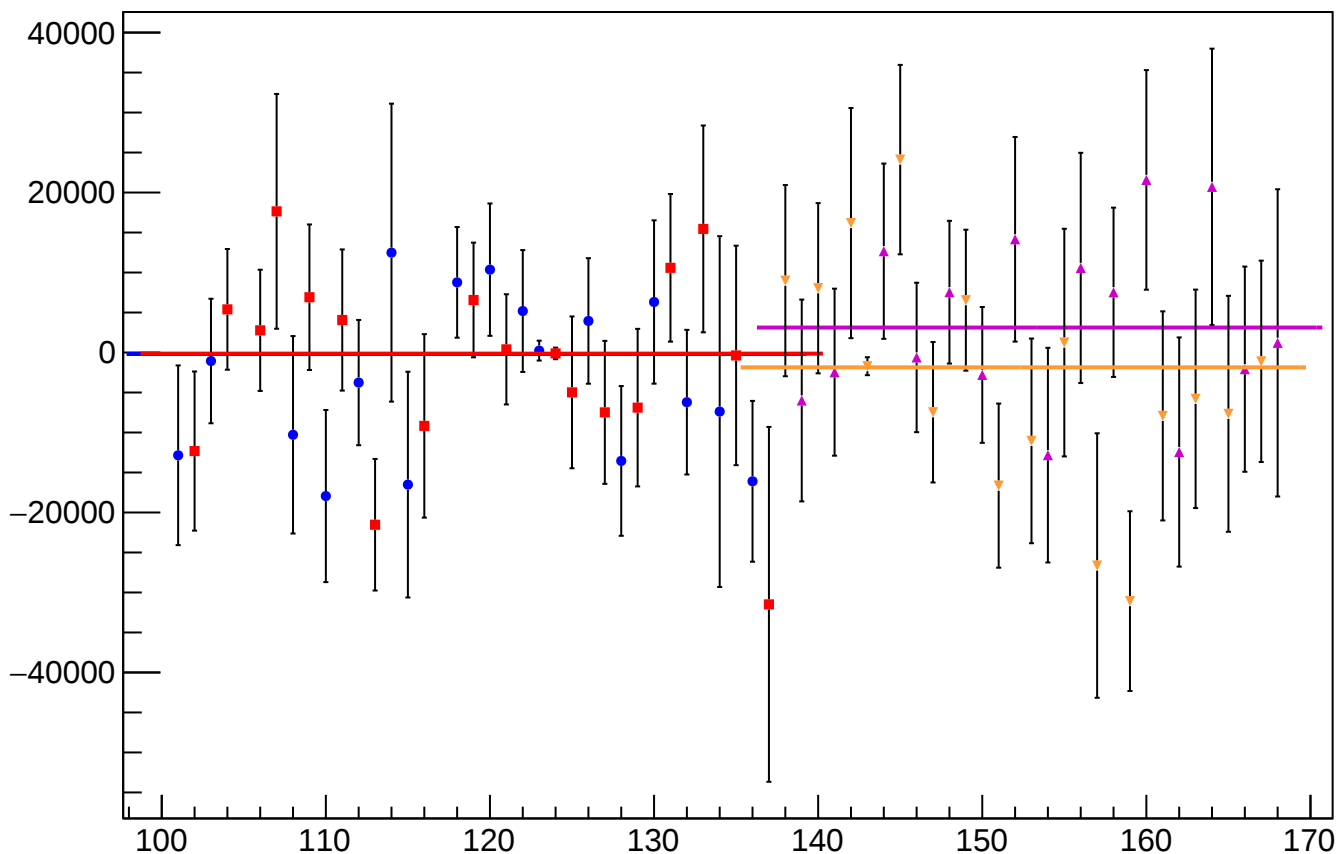
Right: 2083.972 ± 0.406 χ^2/NDF : 853461.4/34

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

Out: 2475.438 ± 0.413 χ^2/NDF : 1996619.8/33

All: 2449.717 ± 0.290 χ^2/NDF : 3255465.7/65

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2 /NDF: 16.4/16

Left Out: -1853.416 $\pm$ 1052.995 χ^2 /NDF:21.5/15

Right Out: -141.935 $\pm$ 690.979 χ^2 /NDF: 19.0/17

Left In: 3120.269 $\pm$ 3023.011 χ^2 /NDF:9.3/14

Left: -1315.248 $\pm$ 994.396 χ^2 /NDF: 33.2/30

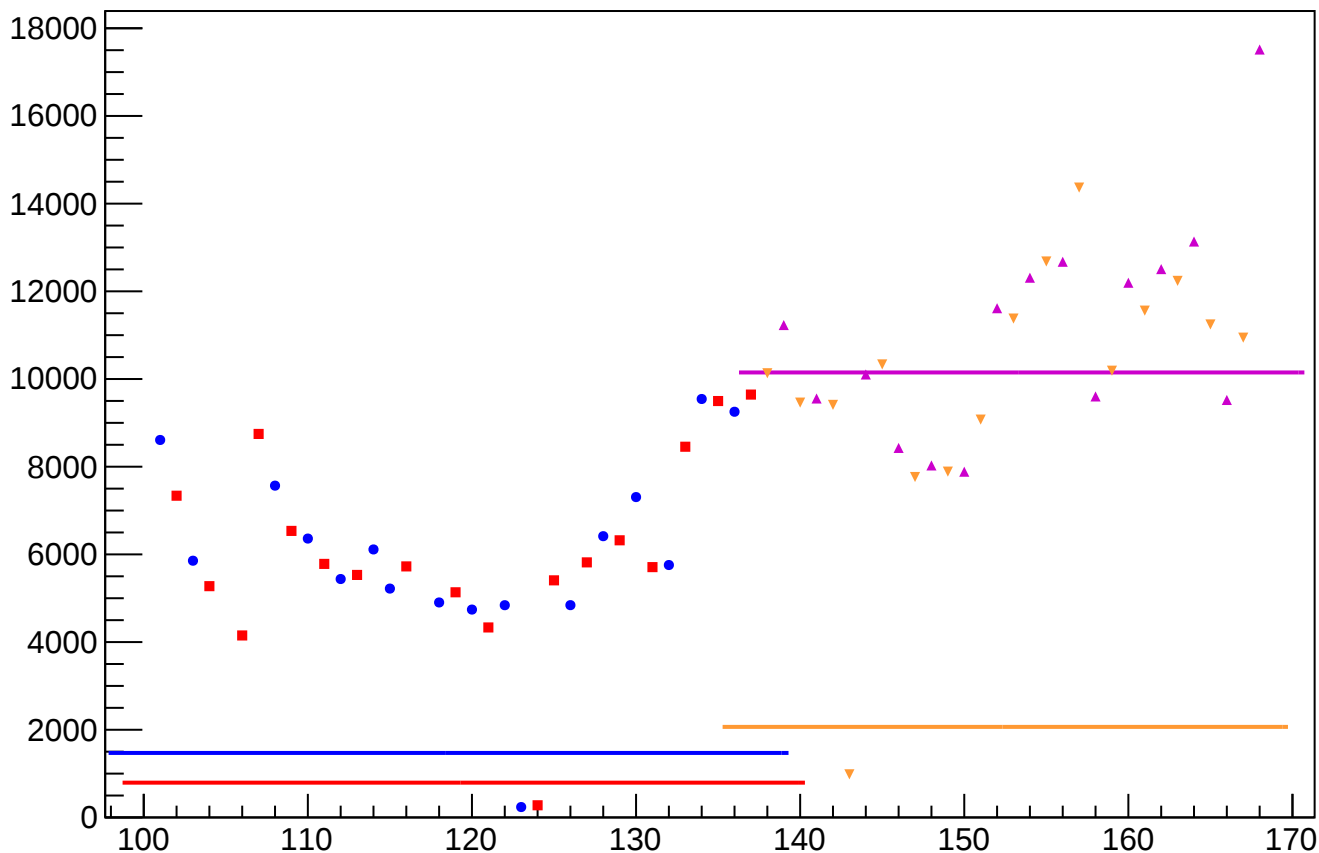
Right: -154.177 $\pm$ 585.233 χ^2 /NDF: 35.3/34

In: 201.732 $\pm$ 1034.340 χ^2 /NDF:26.7/31

Out: -657.081 $\pm$ 577.704 χ^2 /NDF:42.3/33

All: -452.876 $\pm$ 504.367 χ^2 /NDF: 69.5/65

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left: 2940.346+/-0.703

χ^2/NDF : 29841549.1/30

Left Out: 2065.651+/-0.745

χ^2/NDF : 16140827.3/15

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

In: 2487.532+/-0.731

χ^2/NDF : 25286190.0/31

Out: 1176.521+/-0.408

χ^2/NDF : 29603394.0/33

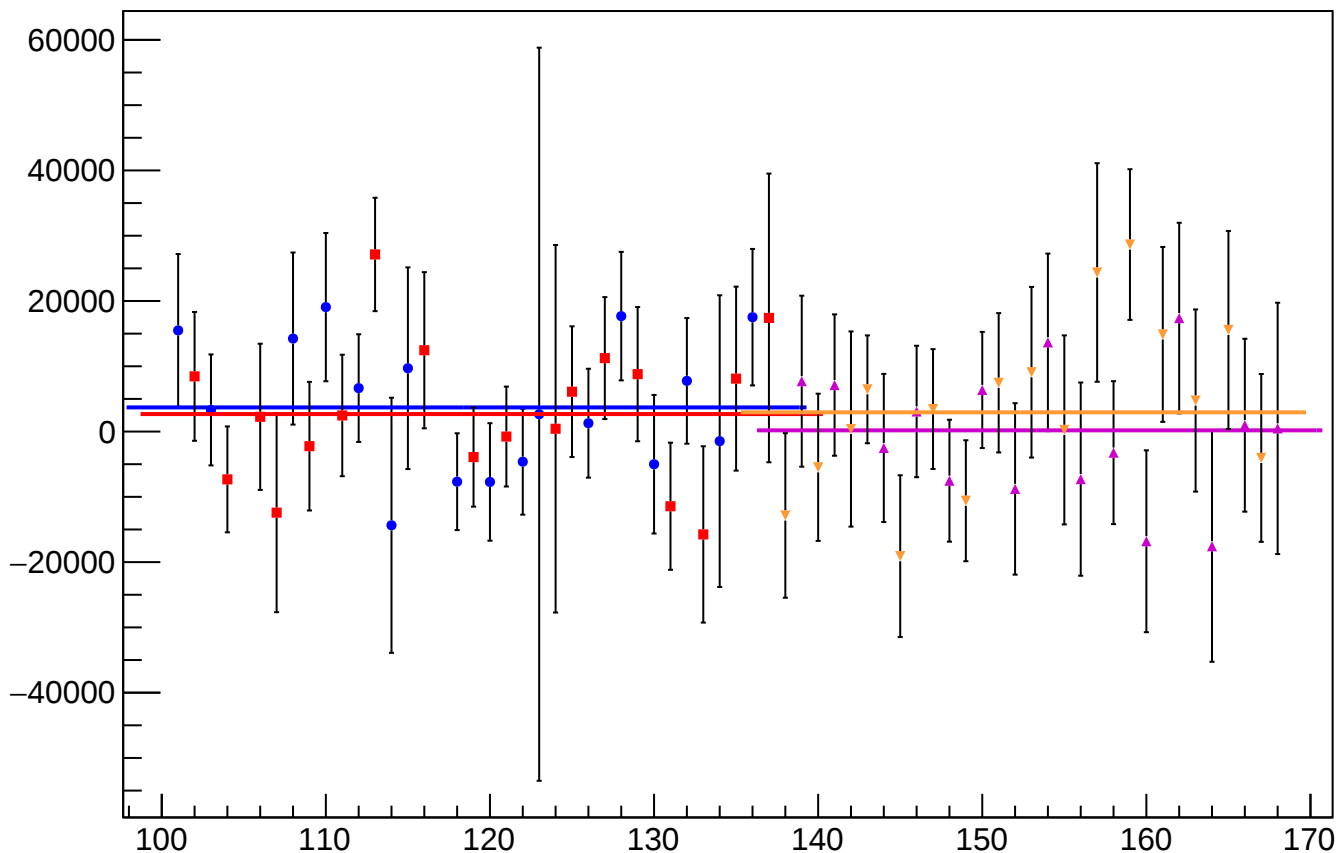
Left In: 10149.487+/-2.138

χ^2/NDF : 946571.2/14

All: 1488.247+/-0.357

χ^2/NDF : 57338638.9/6

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 2944.619+/-2950.111 χ^2/NDF : 16.5/15

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

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

Left: 1649.810+/-2148.980 χ^2/NDF : 24.6/30

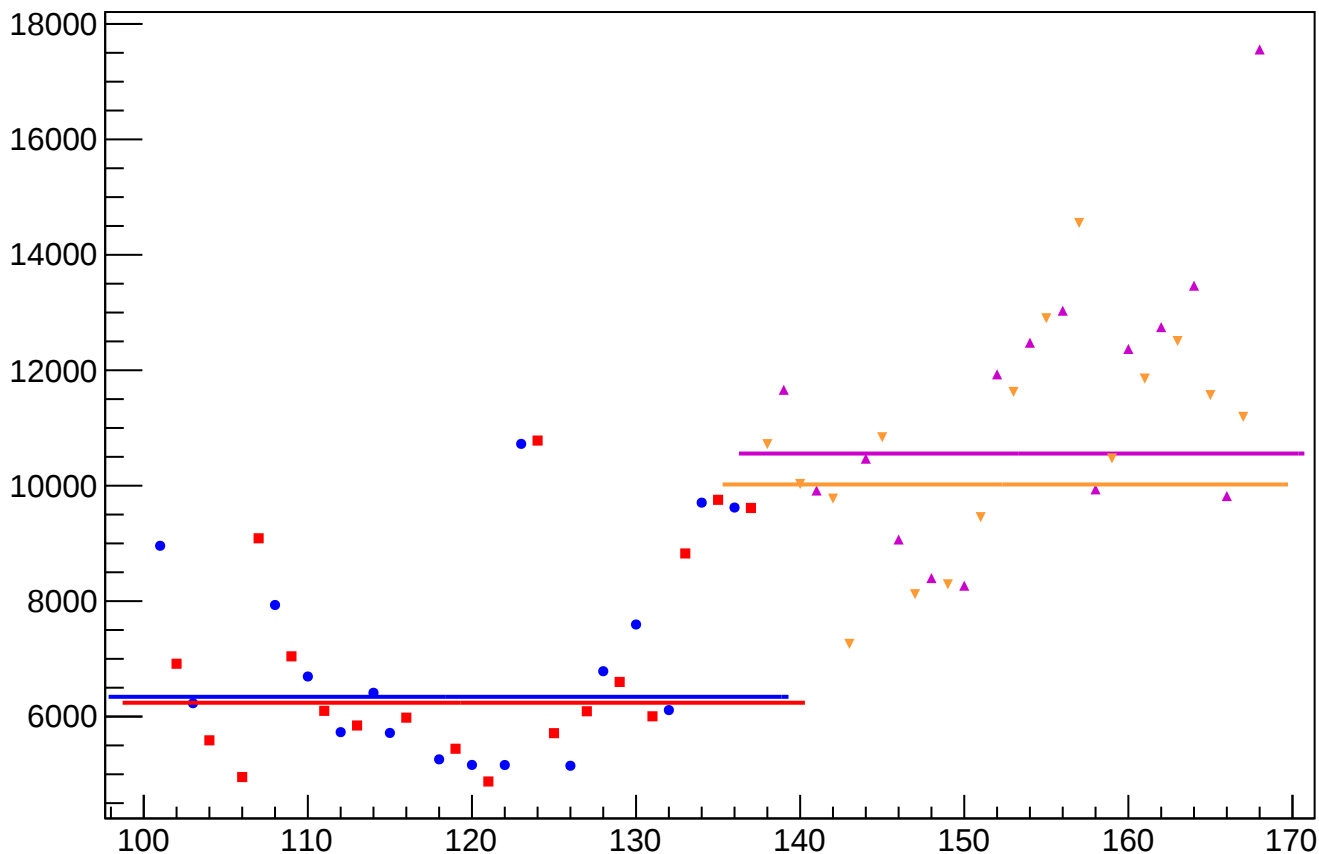
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

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

Out: 2786.586+/-1875.014 χ^2/NDF : 35.0/33

All: 2565.017+/-1356.058 χ^2/NDF : 57.9/65

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 10021.243+/-2.086 χ^2/NDF : 797269.1/15

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

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

Left: 10272.792+/-1.520 χ^2/NDF : 1660101.7/30

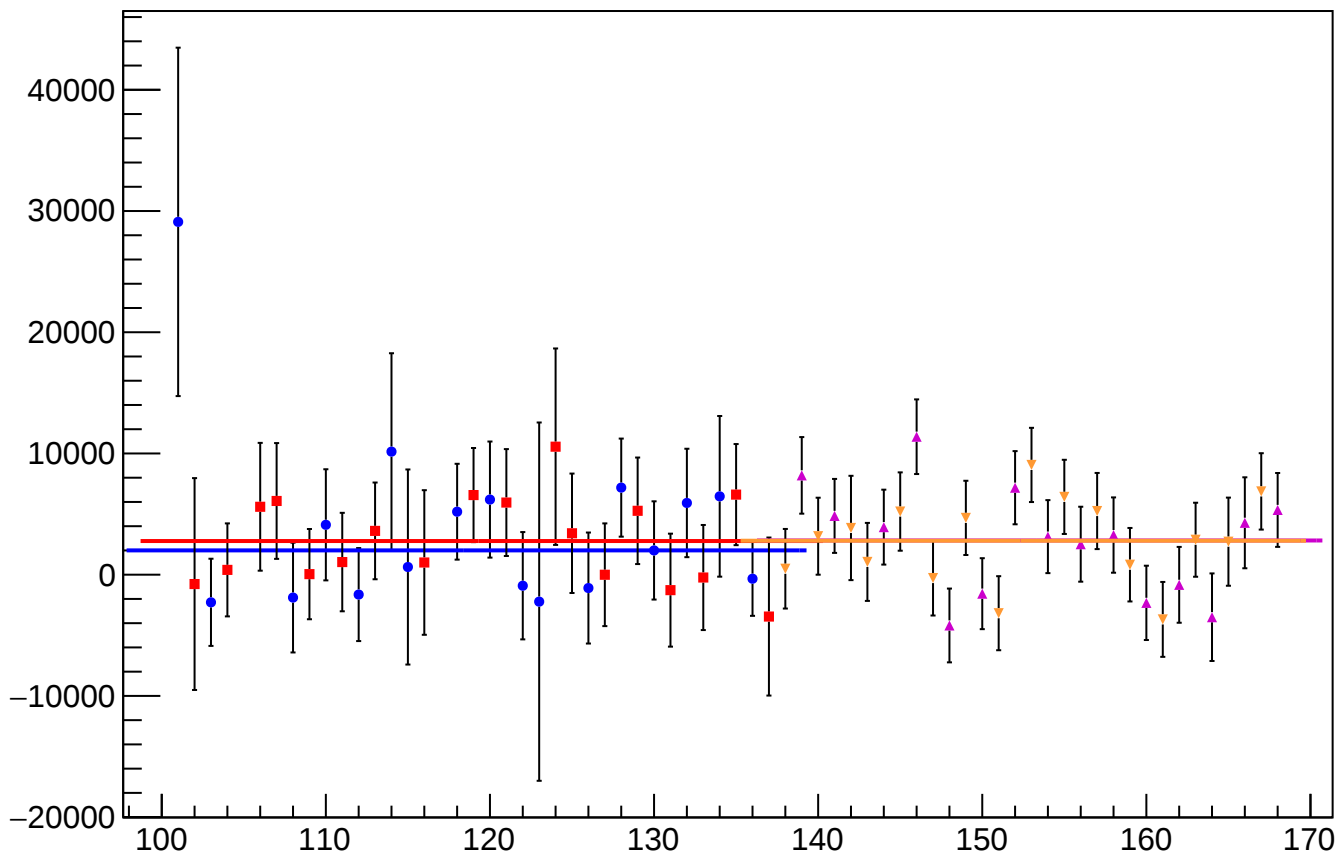
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

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

Out: 7767.201+/-1.326 χ^2/NDF : 3285273.1/33

All: 7875.366+/-0.959 χ^2/NDF : 6920809.3/65

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2801.071+/-798.331 χ^2/NDF :19.3/15

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

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

Left: 2811.386+/-567.602 χ^2/NDF : 48.3/30

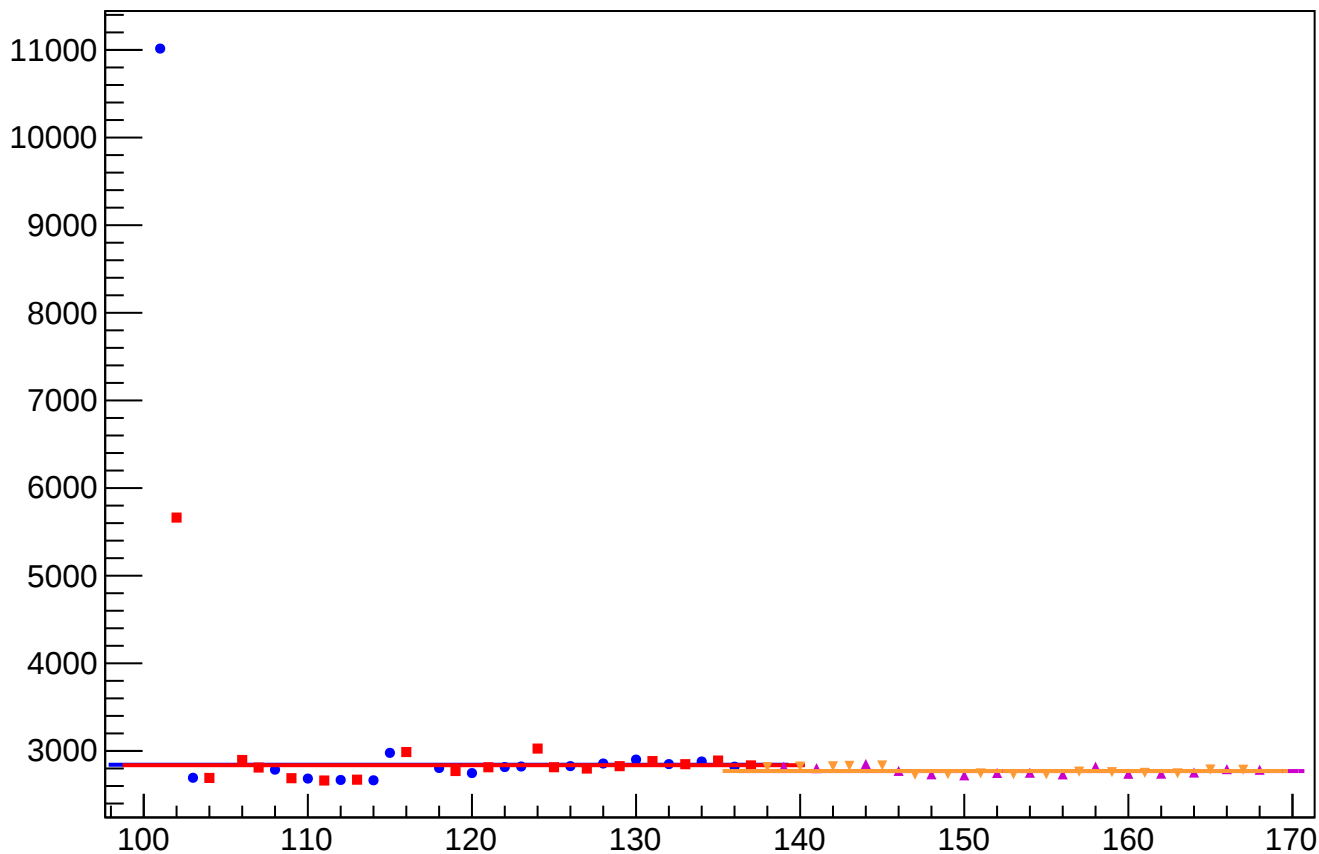
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

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

Out: 2792.299+/-643.401 χ^2/NDF :27.6/33

All: 2670.691+/-459.312 χ^2/NDF : 70.7/65

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2771.031+/-0.565 χ^2/NDF : 4453.3/15

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

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

Left: 2770.779+/-0.401 χ^2/NDF : 8961.7/30

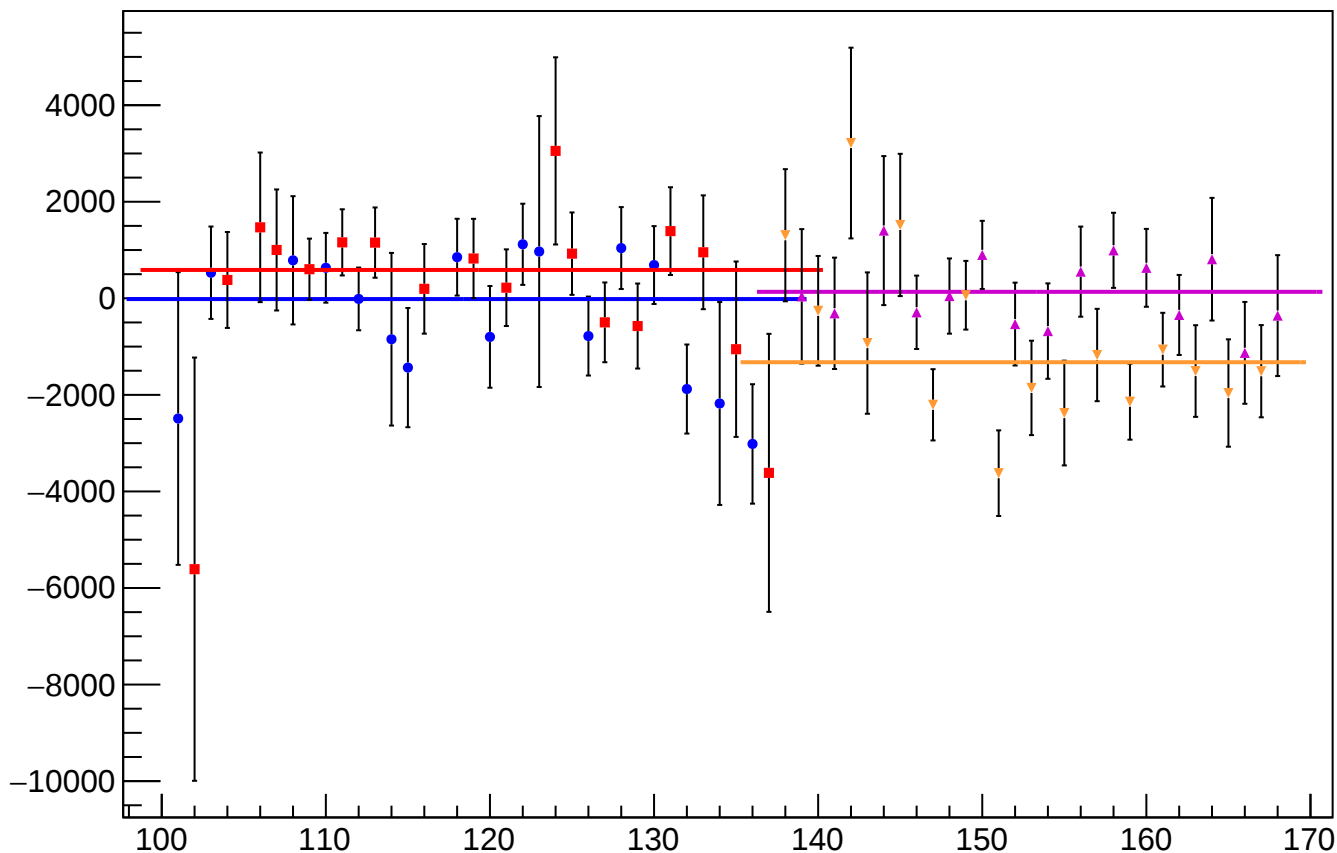
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

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

Out: 2794.305+/-0.455 χ^2/NDF : 235725.5/33

All: 2794.652+/-0.325 χ^2/NDF : 905961.2/65

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1323.603 $\pm$ 243.162 χ^2/NDF : 28.5/15

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 134.400 $\pm$ 239.677 χ^2/NDF : 7.6/14

Left: -584.078 $\pm$ 170.696 χ^2/NDF : 54.3/30

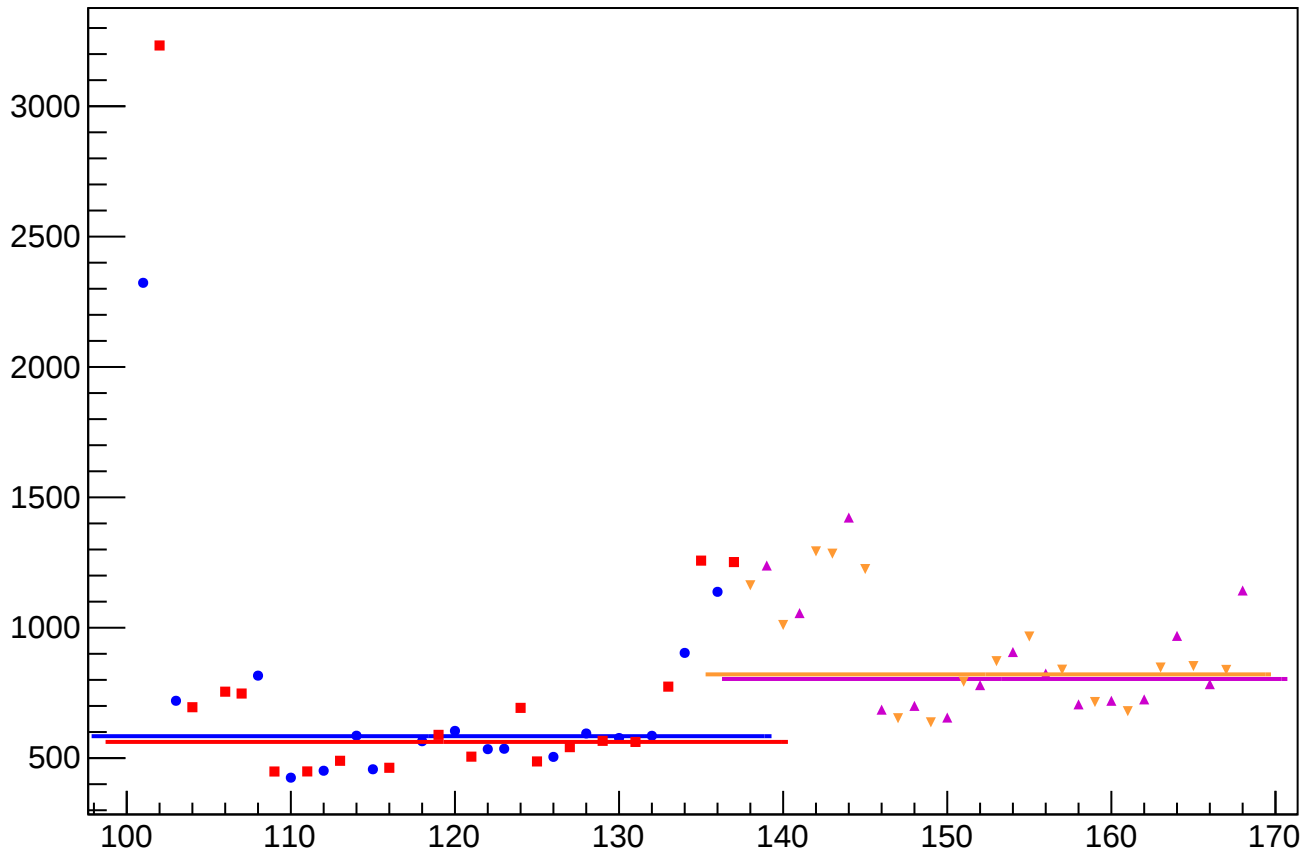
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 59.129 $\pm$ 169.188 χ^2/NDF : 29.4/31

Out: -297.384 $\pm$ 165.467 χ^2/NDF : 75.0/33

All: -123.092 $\pm$ 118.297 χ^2/NDF : 106.6/65

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 821.104+/-0.172 χ^2/NDF :1034630.7/15

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 803.456+/-0.169 χ^2/NDF :1060401.4/14

Left: 812.152+/-0.121 χ^2/NDF : 2100375.8/30

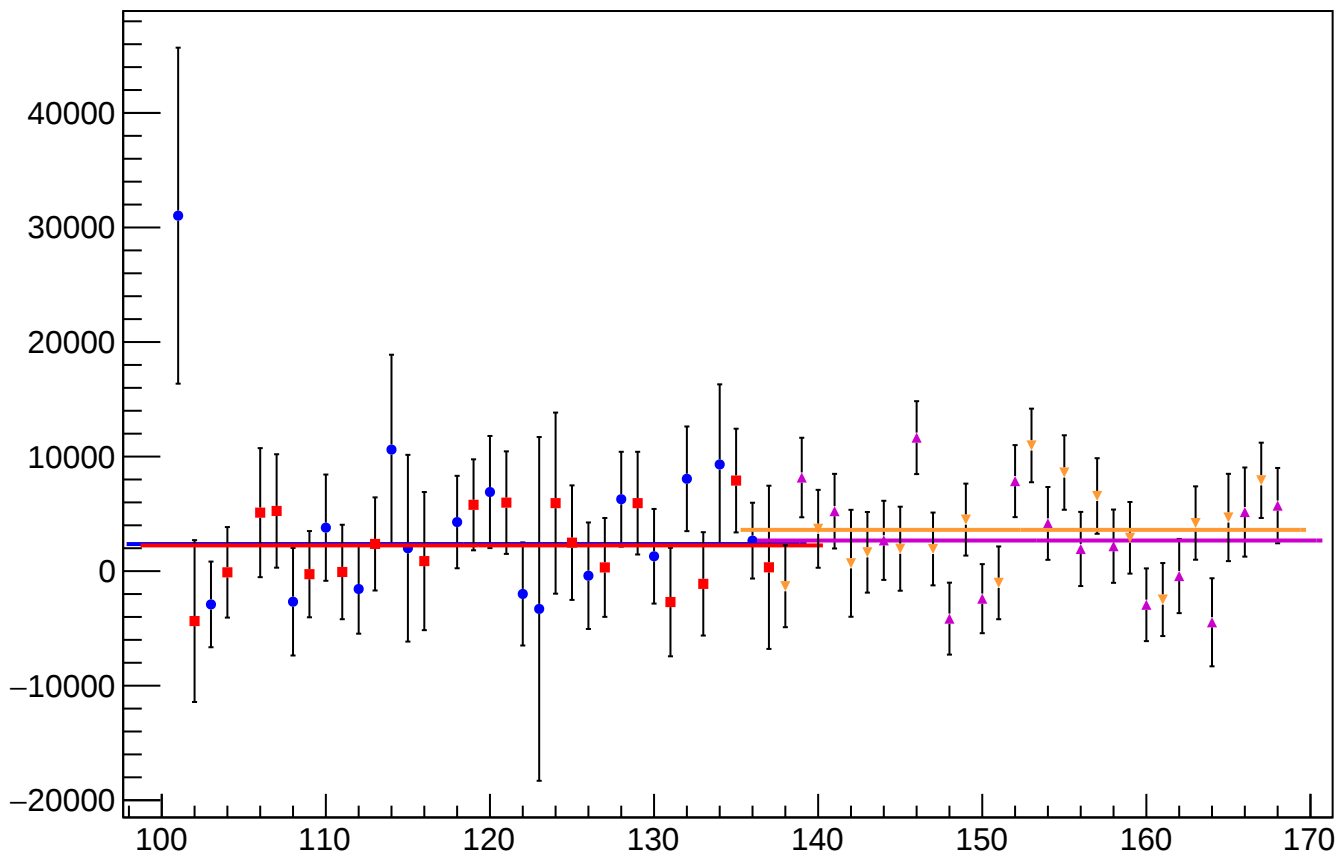
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 693.382+/-0.120 χ^2/NDF :3337827.2/31

Out: 682.044+/-0.117 χ^2/NDF :3778104.6/33

All: 687.587+/-0.084 χ^2/NDF : 7120522.2/65

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3602.117+/-842.735 χ^2/NDF :19.2/15

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2672.824+/-849.618 χ^2/NDF :30.4/14

Left: 3141.249+/-598.322 χ^2/NDF : 50.3/30

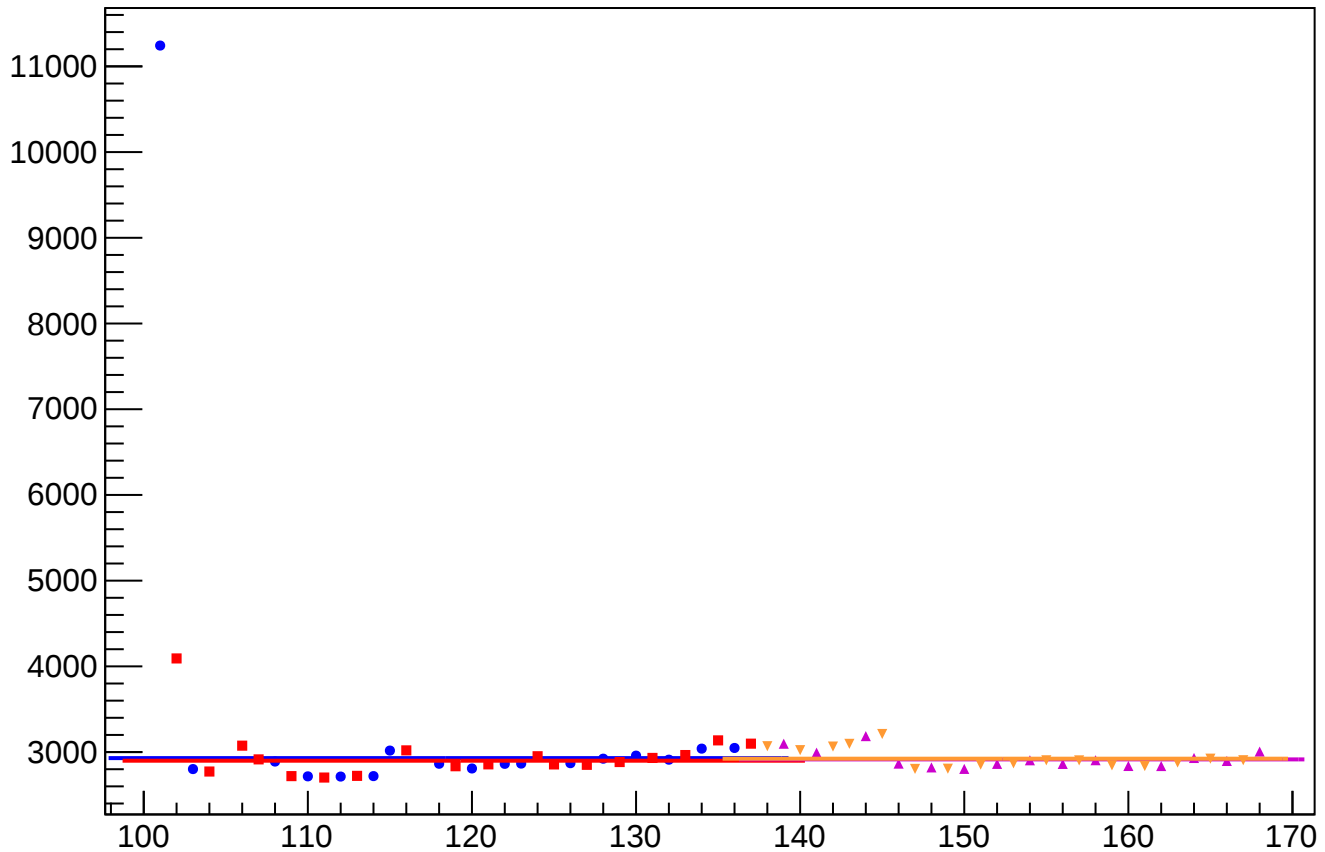
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2564.571+/-685.420 χ^2/NDF :45.5/31

Out: 3107.133+/-671.633 χ^2/NDF :28.7/33

All: 2841.364+/-479.716 χ^2/NDF : 74.6/65

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2922.910+/-0.596 χ^2/NDF : 34432.7/15

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2914.637+/-0.601 χ^2/NDF : 29067.7/14

Left: 2918.807+/-0.423 χ^2/NDF : 63596.1/30

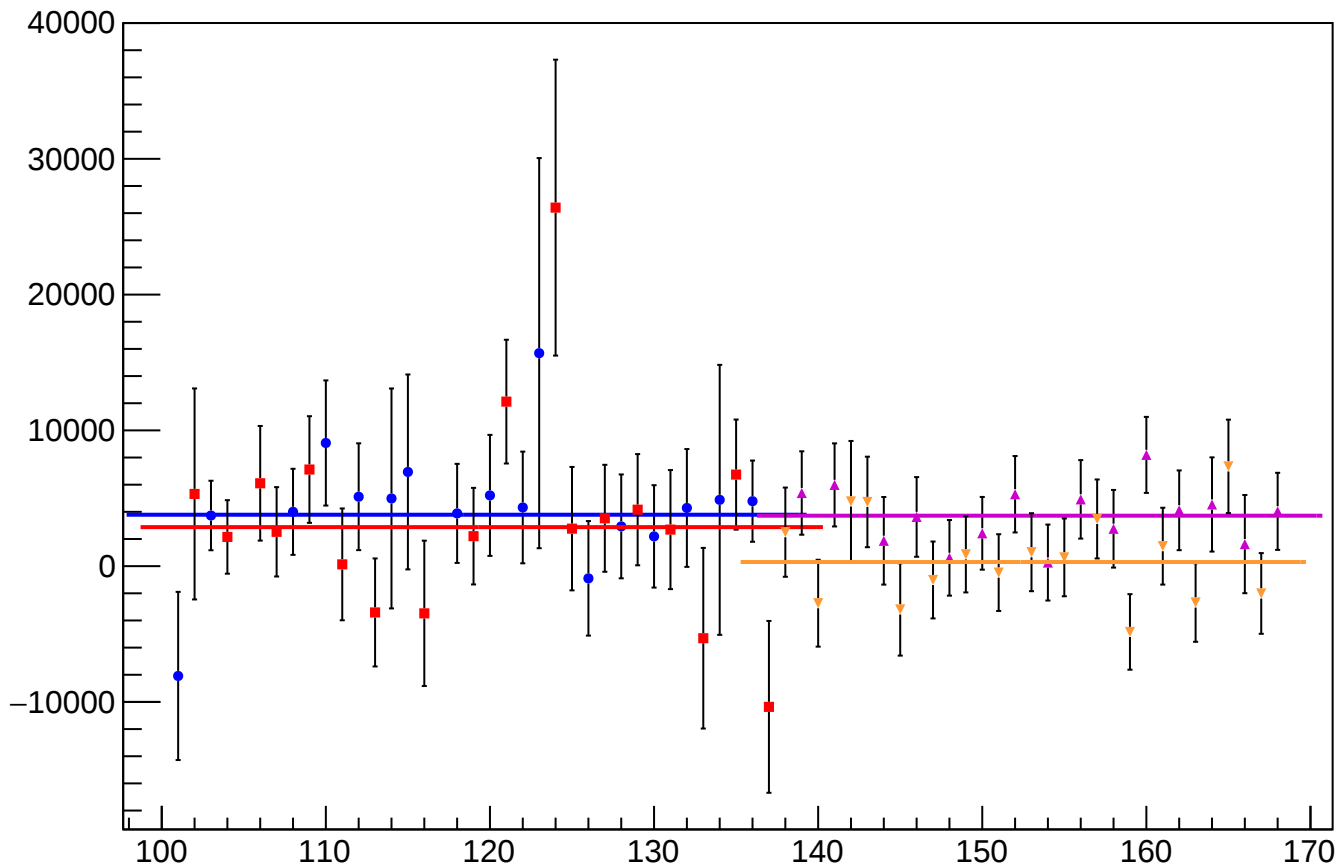
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2919.880+/-0.485 χ^2/NDF : 691914.9/31

Out: 2914.344+/-0.475 χ^2/NDF : 118542.2/33

All: 2917.056+/-0.339 χ^2/NDF : 810523.7/65

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 304.321 $\pm$ 761.013 χ^2/NDF : 16.2/15

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3716.773 $\pm$ 763.212 χ^2/NDF : 7.8/14

Left: 2005.624 $\pm$ 538.893 χ^2/NDF : 34.0/30

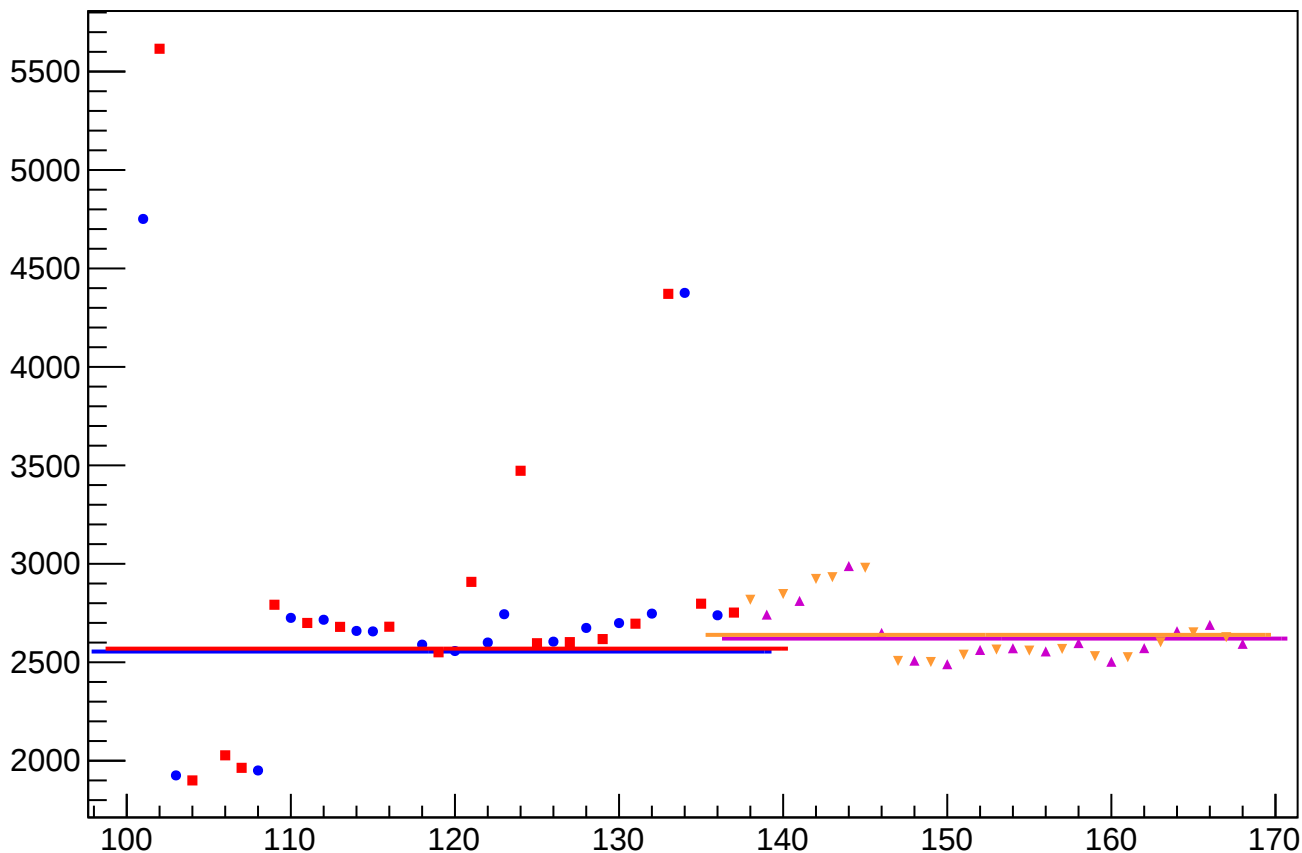
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3742.665 $\pm$ 608.500 χ^2/NDF : 15.5/31

Out: 1242.137 $\pm$ 606.496 χ^2/NDF : 42.4/33

All: 2488.277 $\pm$ 429.564 χ^2/NDF : 66.4/65

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.203 $\pm$ 0.538 χ^2 /NDF: 80439.6/15

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2620.296 $\pm$ 0.540 χ^2 /NDF: 53024.3/14

Left: 2629.777 $\pm$ 0.381 χ^2 /NDF: 134079.5/30

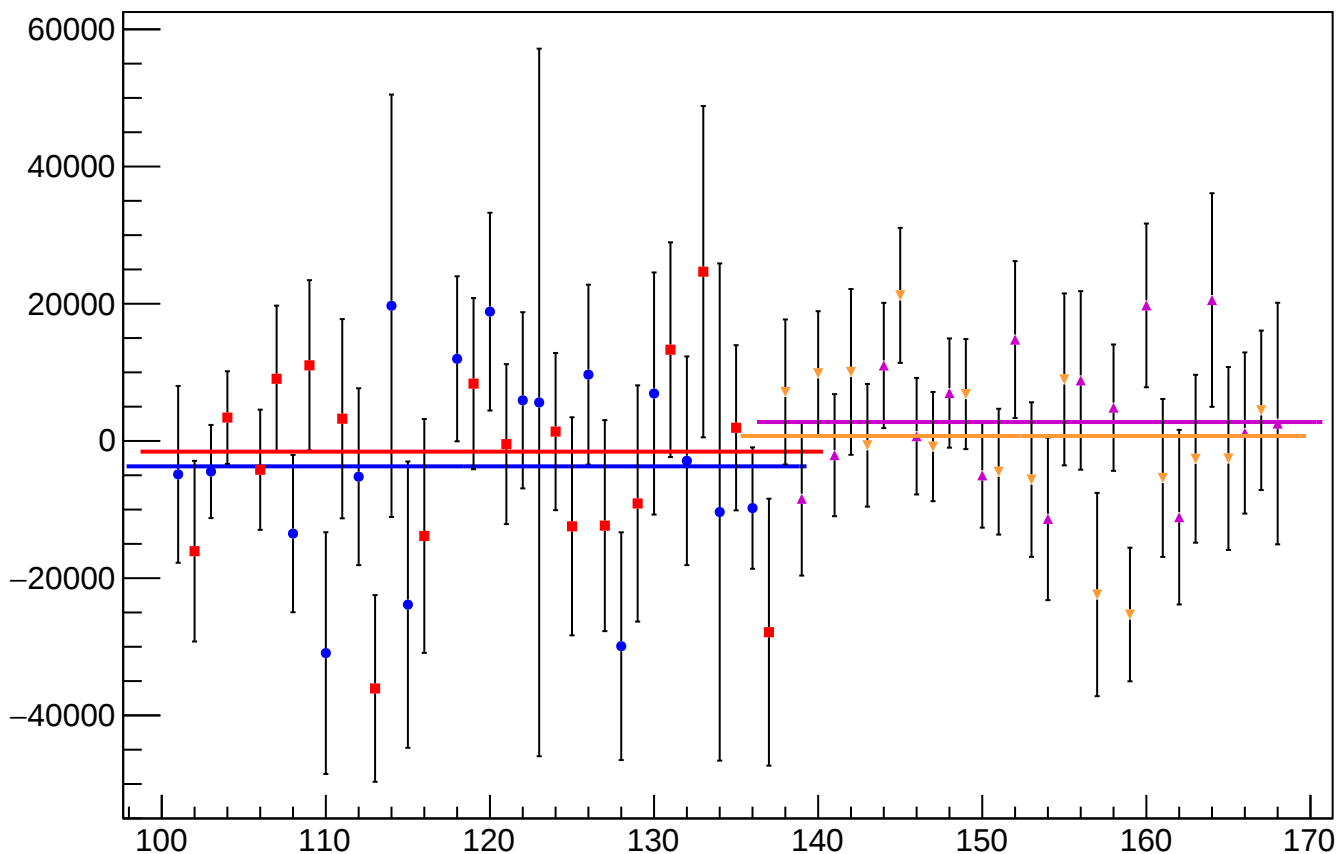
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2596.338 $\pm$ 0.430 χ^2 /NDF: 595059.7/31

Out: 2613.670 $\pm$ 0.429 χ^2 /NDF: 809939.6/33

All: 2605.034 $\pm$ 0.304 χ^2 /NDF: 1405813.3/65

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 726.907 $\pm$ 2576.050 χ^2/NDF : 18.1/15

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2758.680 $\pm$ 2675.213 χ^2/NDF : 10.8/14

Left: 1704.440 $\pm$ 1855.609 χ^2/NDF : 29.3/30

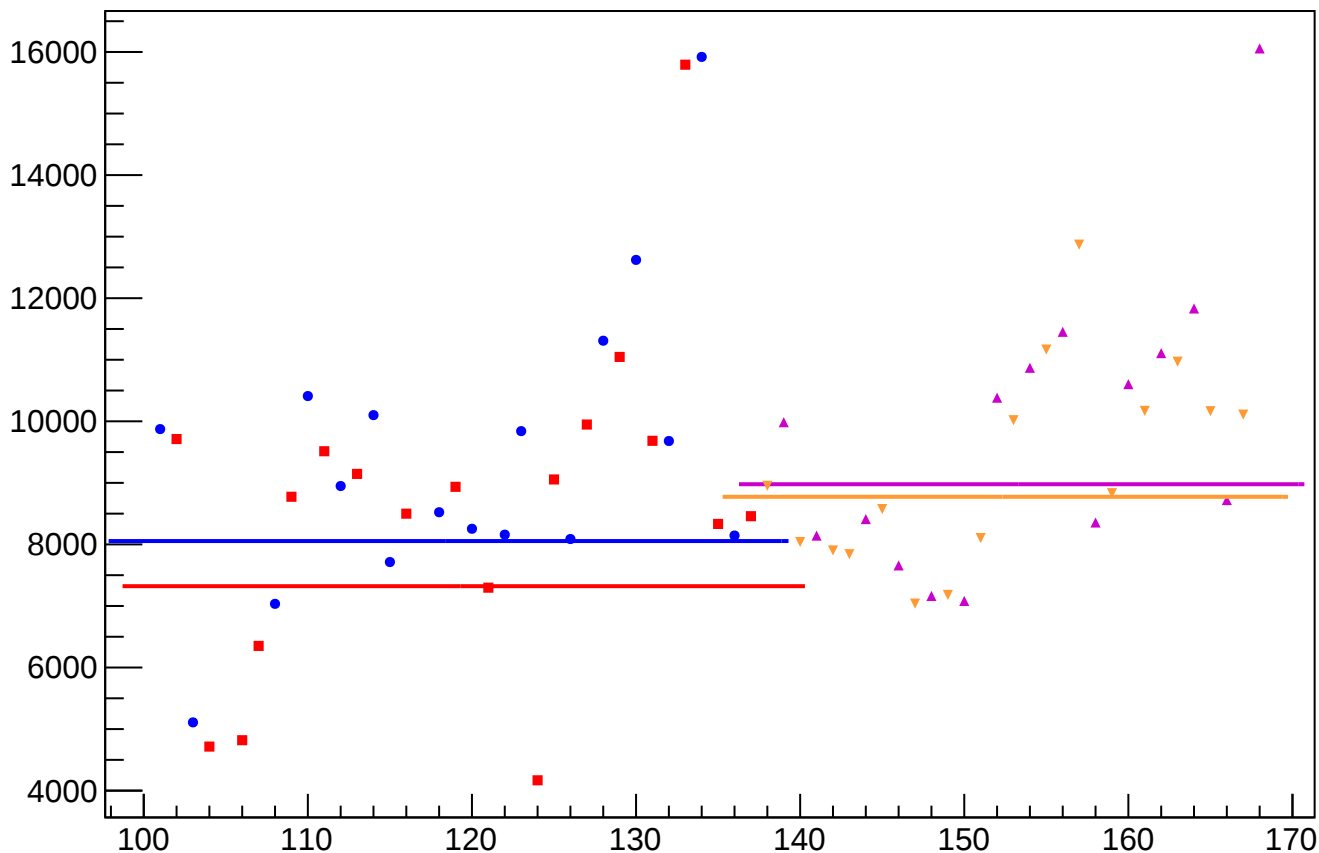
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: 119.248 $\pm$ 2057.142 χ^2/NDF : 27.0/31

Out: -275.281 $\pm$ 1929.369 χ^2/NDF : 35.3/33

All: -90.649 $\pm$ 1407.274 χ^2/NDF : 62.3/65

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8773.675 $\pm$ 1.822 χ^2 /NDF: 623653.6/15

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8977.854 $\pm$ 1.892 χ^2 /NDF: 964912.9/14

Left: 8871.910 $\pm$ 1.312 χ^2 /NDF: 1594611.5/30

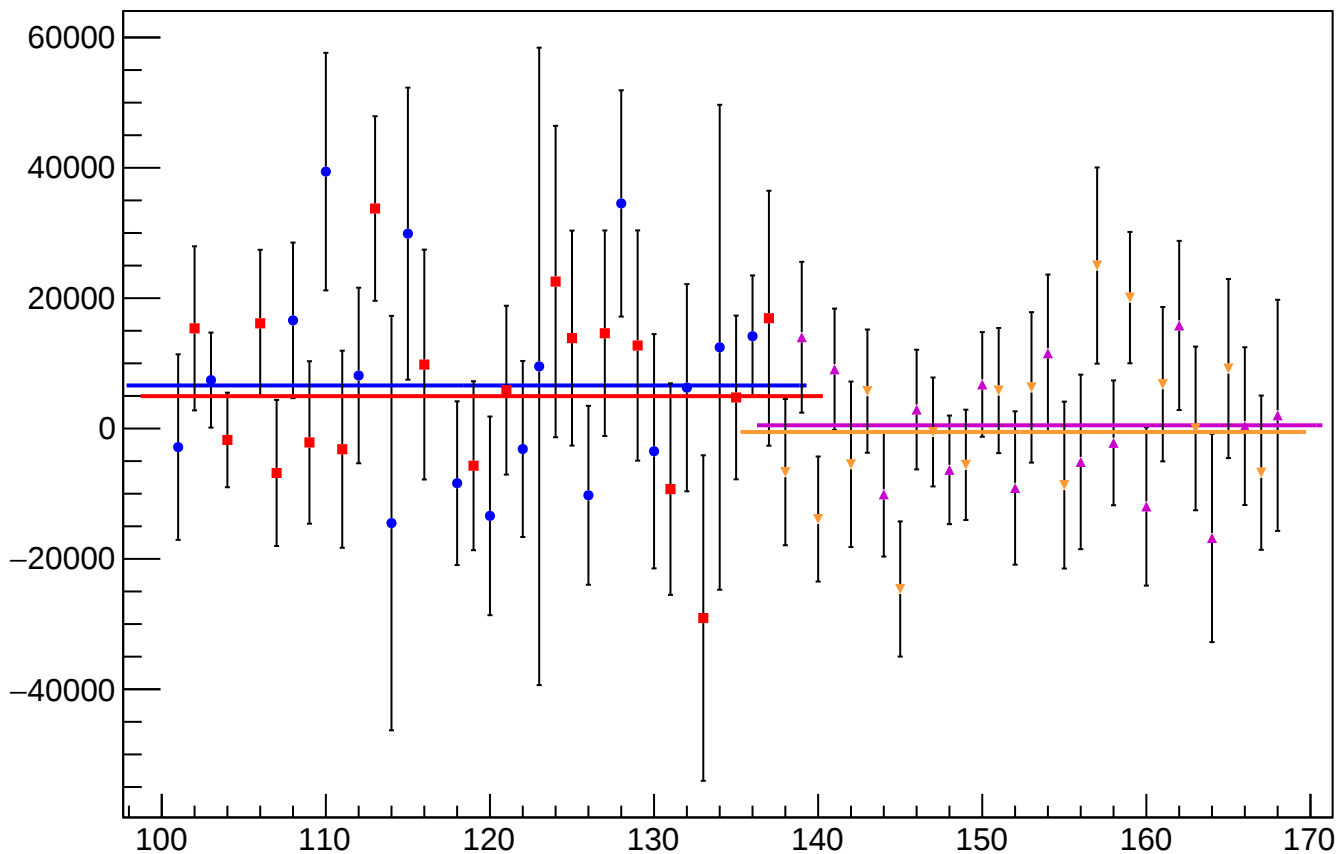
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8600.595 $\pm$ 1.455 χ^2 /NDF: 1882994.0/31

Out: 8136.062 $\pm$ 1.364 χ^2 /NDF: 2238684.2/33

All: 8353.455 $\pm$ 0.995 χ^2 /NDF: 4175935.9/65

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -528.334+/-2687.618 χ^2/NDF : 18.0/15

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 495.391+/-2784.413 χ^2/NDF : 10.2/14

Left: -34.575+/-1933.747 χ^2/NDF : 28.3/30

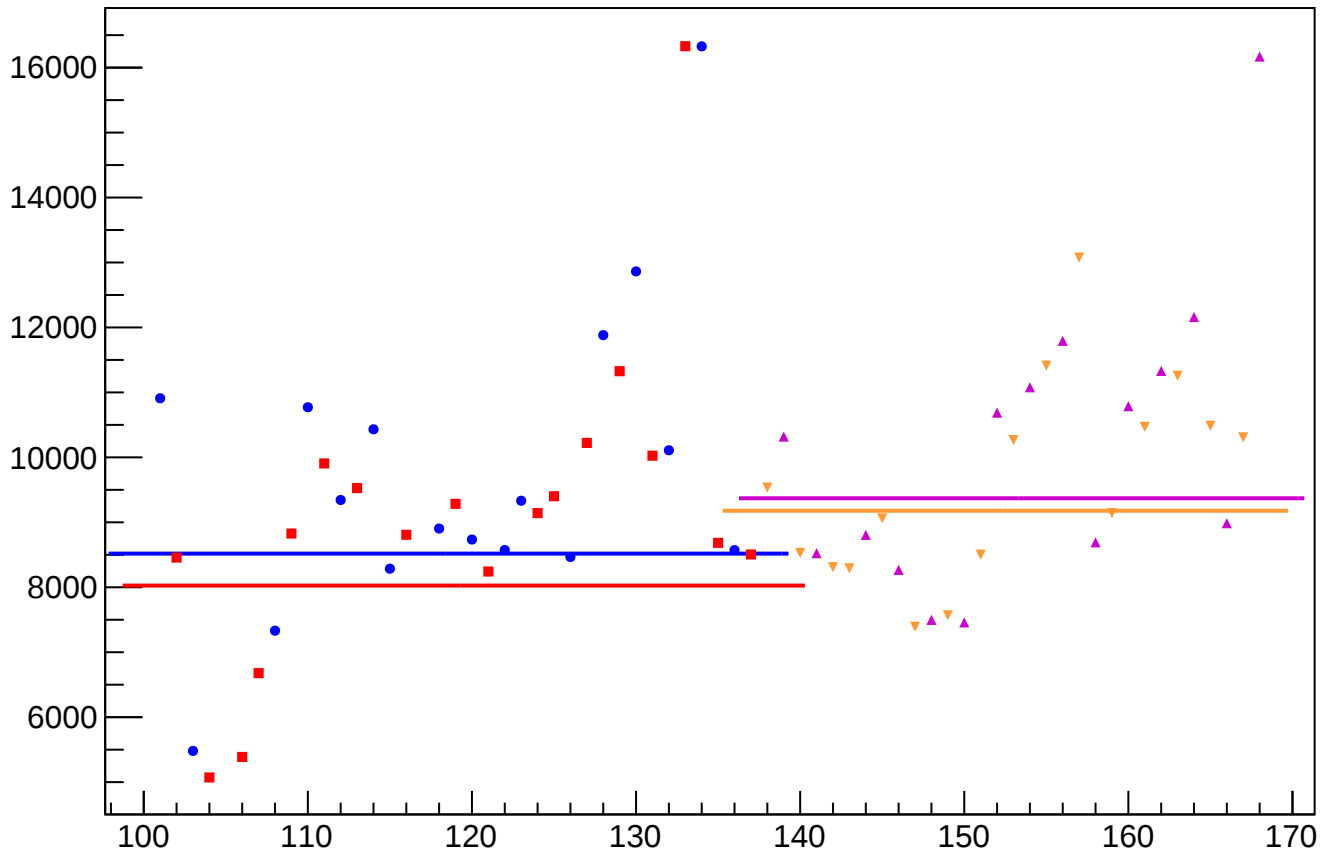
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 2952.530+/-2153.158 χ^2/NDF : 26.8/31

Out: 1764.384+/-2051.850 χ^2/NDF : 33.3/33

All: 2329.848+/-1485.401 χ^2/NDF : 60.3/65

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 9178.372 $\pm$ 1.900 χ^2/NDF : 539839.3/15

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 9370.006 $\pm$ 1.969 χ^2/NDF : 850974.4/14

Left: 9270.800 $\pm$ 1.367 χ^2/NDF : 1395718.0/30

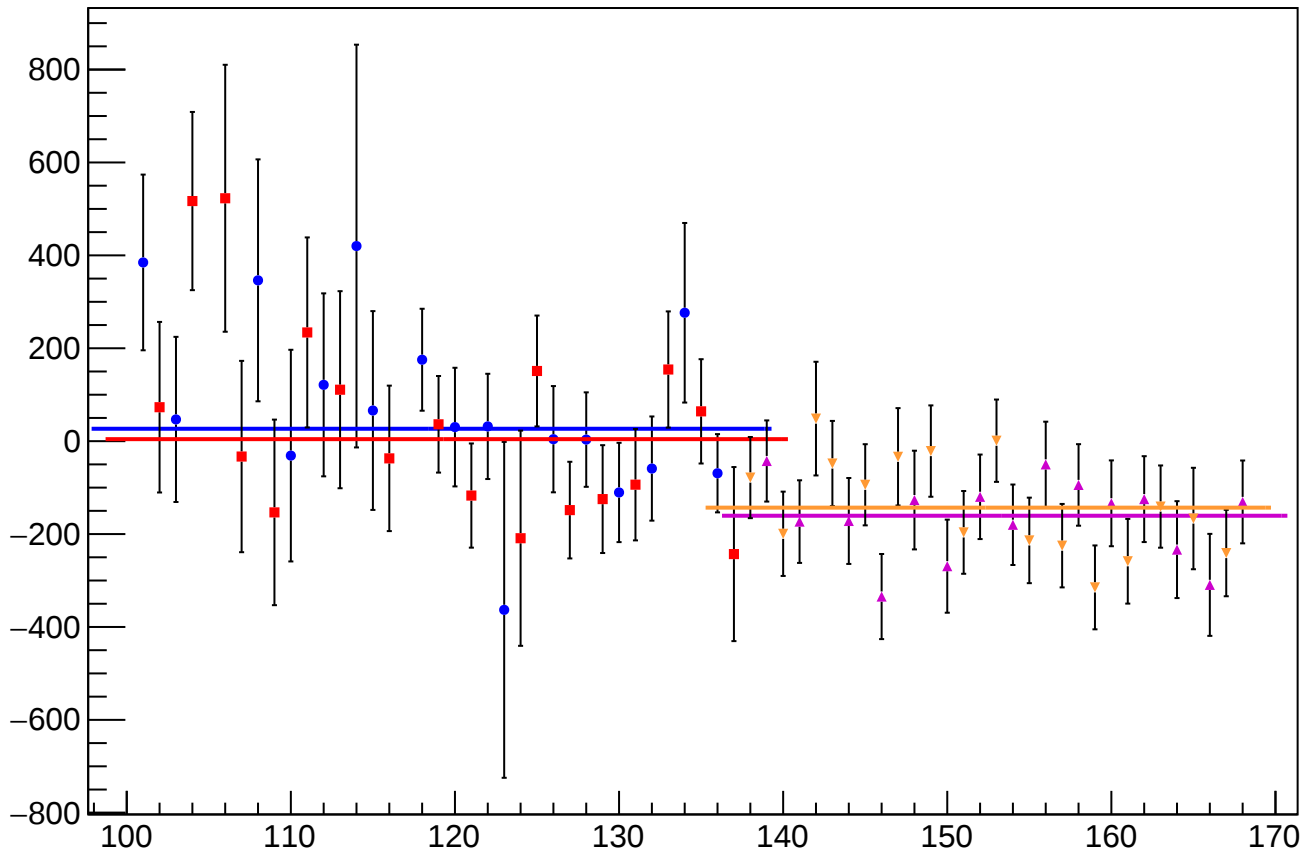
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 9027.590 $\pm$ 1.523 χ^2/NDF : 1698204.5/31

Out: 8697.657 $\pm$ 1.451 χ^2/NDF : 1635873.2/33

All: 8854.677 $\pm$ 1.050 χ^2/NDF : 3358688.8/65

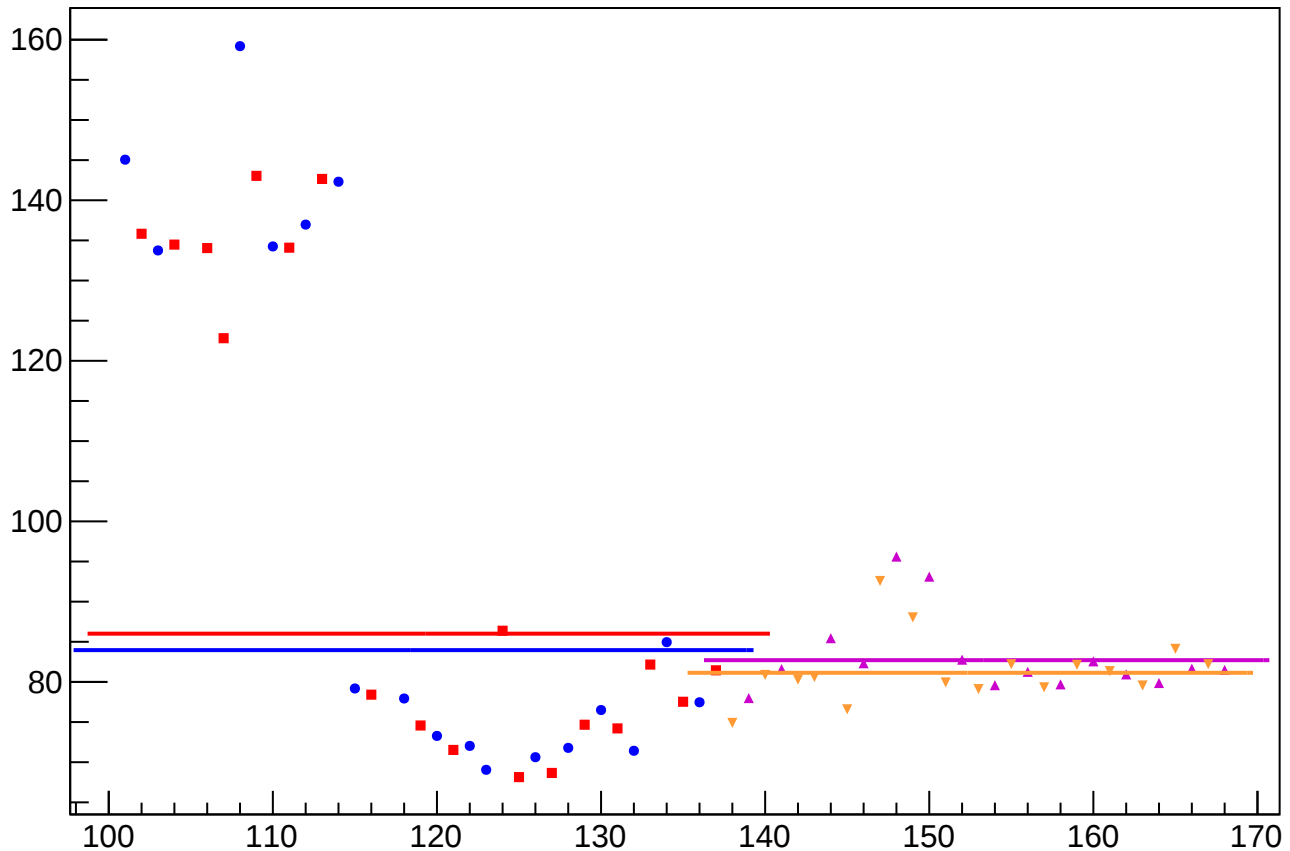
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16
 Left Out: -143.114 $\pm$ 23.382 χ^2/NDF :18.2/15
 Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17
 Left In: -160.532 $\pm$ 24.121 χ^2/NDF :11.7/14

Left: -151.552 $\pm$ 16.789 χ^2/NDF : 30.1/30
 Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34
 In: -96.915 $\pm$ 19.600 χ^2/NDF :46.7/31
 Out: -95.468 $\pm$ 19.237 χ^2/NDF :55.0/33
 All: -96.178 $\pm$ 13.729 χ^2/NDF : 101.7/65

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.137 $\pm$ 0.017 χ^2 /NDF: 54648.6/15

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 82.710 $\pm$ 0.017 χ^2 /NDF: 67249.9/14

Left: 81.899 $\pm$ 0.012 χ^2 /NDF: 126280.7/30

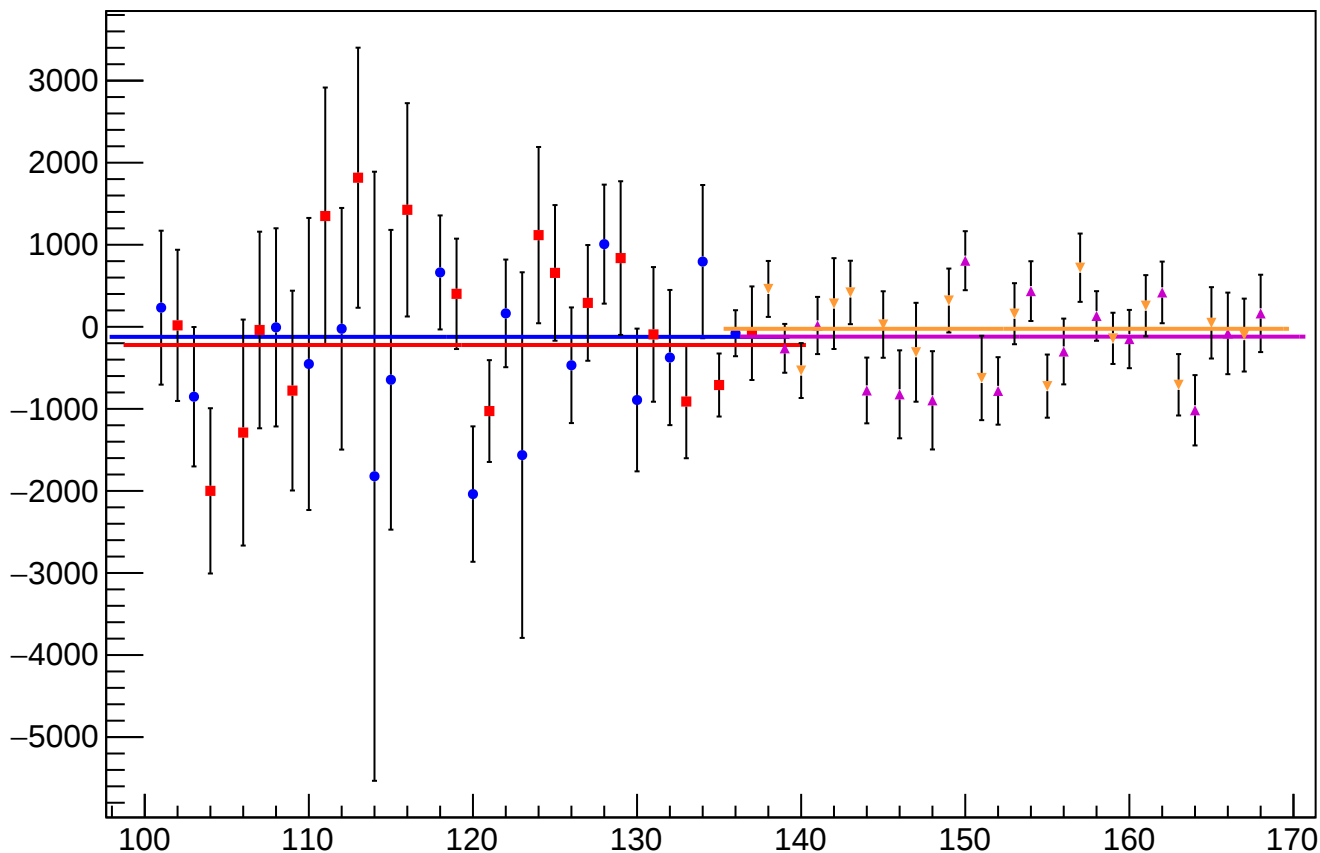
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.135 $\pm$ 0.014 χ^2 /NDF: 1029331.1/31

Out: 82.712 $\pm$ 0.014 χ^2 /NDF: 1109143.2/33

All: 82.920 $\pm$ 0.010 χ^2 /NDF: 2138947.2/65

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: -24.250 ± 99.290 χ^2/NDF : 19.2/15

Right Out: -221.525 ± 185.098 χ^2/NDF : 18.0/17

Left In: -119.728 ± 100.303 χ^2/NDF : 25.7/14

Left: -71.505 ± 70.564 χ^2/NDF : 45.3/30

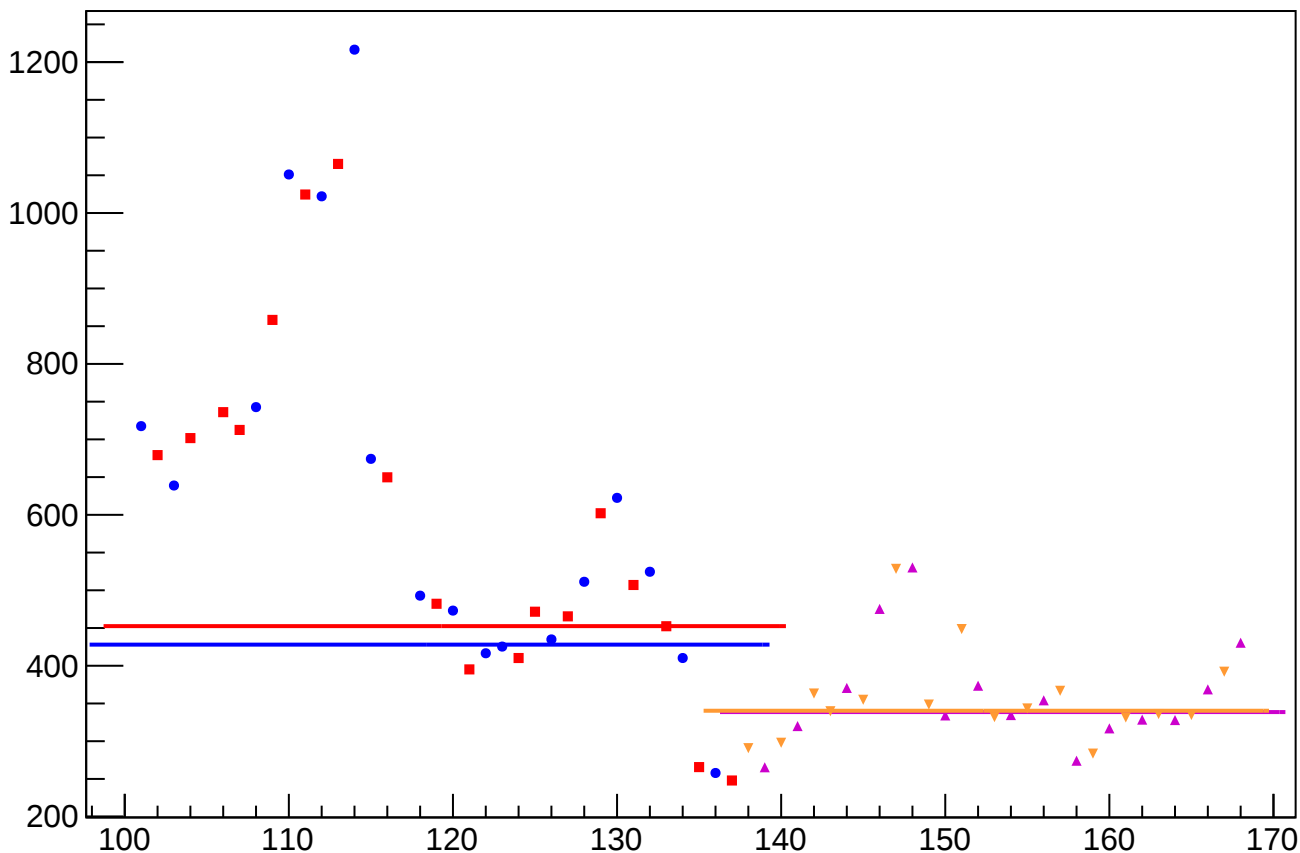
Right: -170.470 ± 128.892 χ^2/NDF : 31.2/34

In: -120.366 ± 87.570 χ^2/NDF : 38.7/31

Out: -68.332 ± 87.497 χ^2/NDF : 38.1/33

All: -94.327 ± 61.896 χ^2/NDF : 77.0/65

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 340.377+/-0.070 χ^2/NDF :469289.4/15

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 338.609+/-0.071 χ^2/NDF :676694.3/14

Left: 339.502+/-0.050 χ^2/NDF : 1146297.8/30

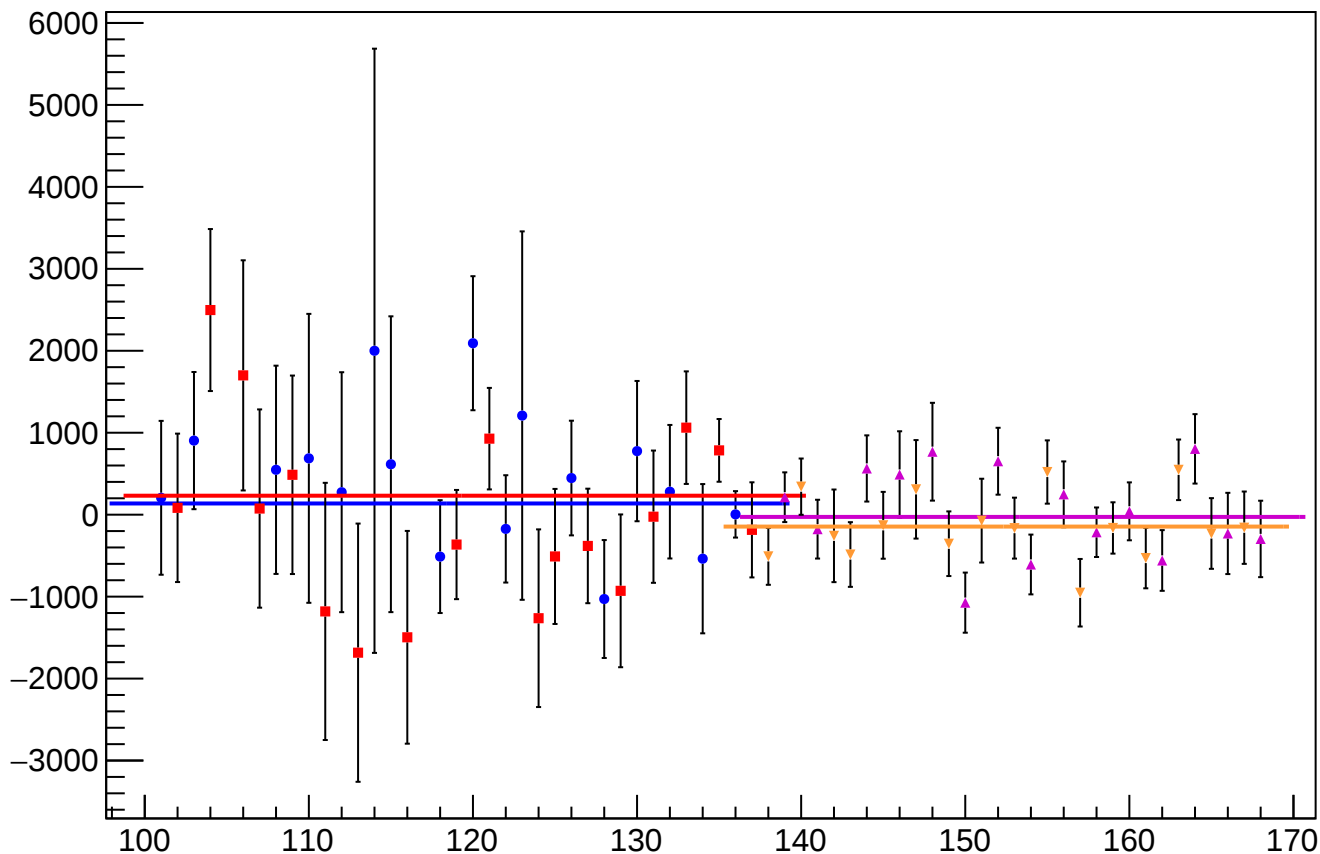
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 359.860+/-0.062 χ^2/NDF :3116522.9/31

Out: 365.433+/-0.062 χ^2/NDF :3112275.8/33

All: 362.649+/-0.044 χ^2/NDF : 6232851.7/65

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -145.236 $\pm$ 99.713 χ^2 /NDF:16.2/15

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -27.183 $\pm$ 100.599 χ^2 /NDF:26.4/14

Left: -86.731 $\pm$ 70.819 χ^2 /NDF: 43.3/30

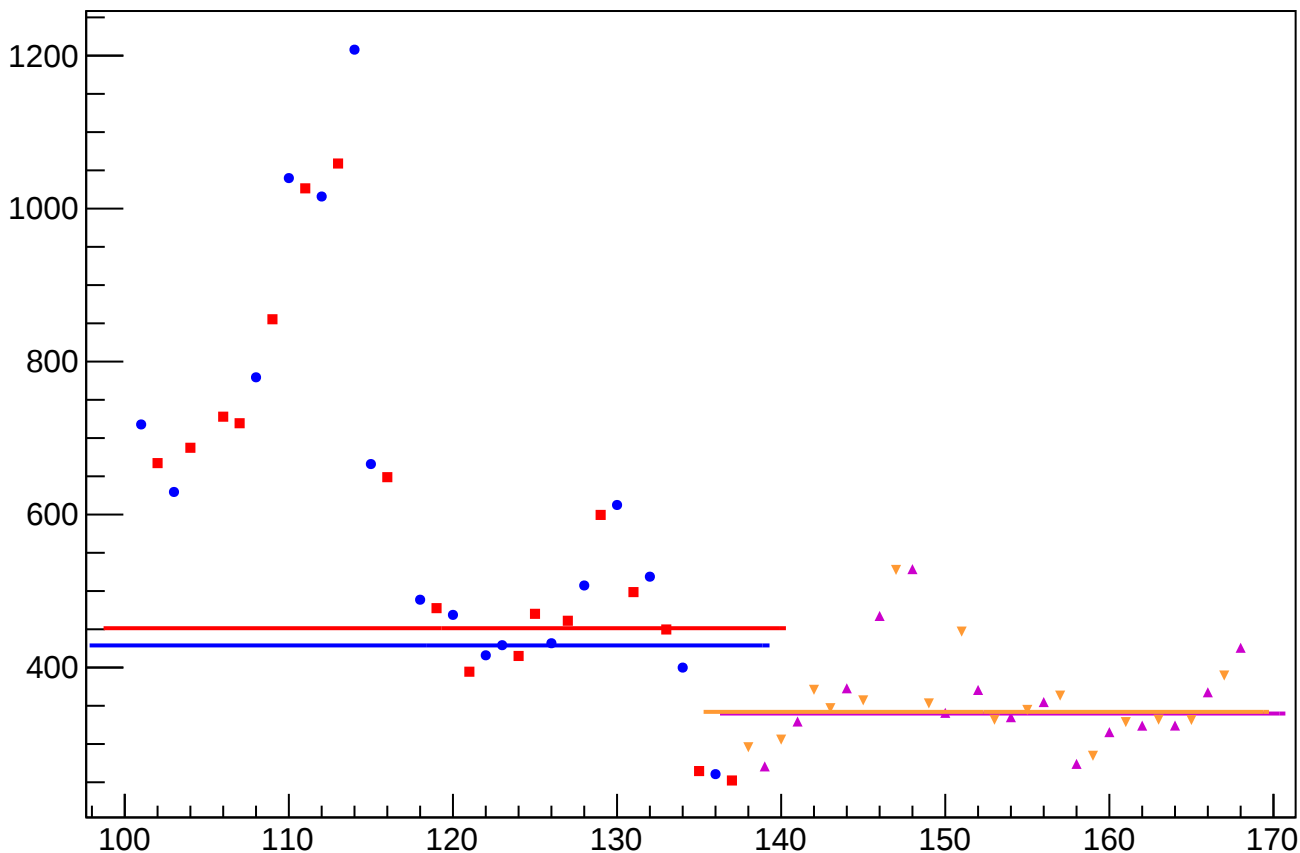
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 11.978 $\pm$ 87.769 χ^2 /NDF:39.7/31

Out: -60.108 $\pm$ 87.730 χ^2 /NDF:41.2/33

All: -24.081 $\pm$ 62.048 χ^2 /NDF: 81.2/65

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 342.045+/-0.071 χ^2/NDF : 445392.8/15

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 339.853+/-0.071 χ^2/NDF : 635559.0/14

Left: 340.959+/-0.050 χ^2/NDF : 1081431.0/30

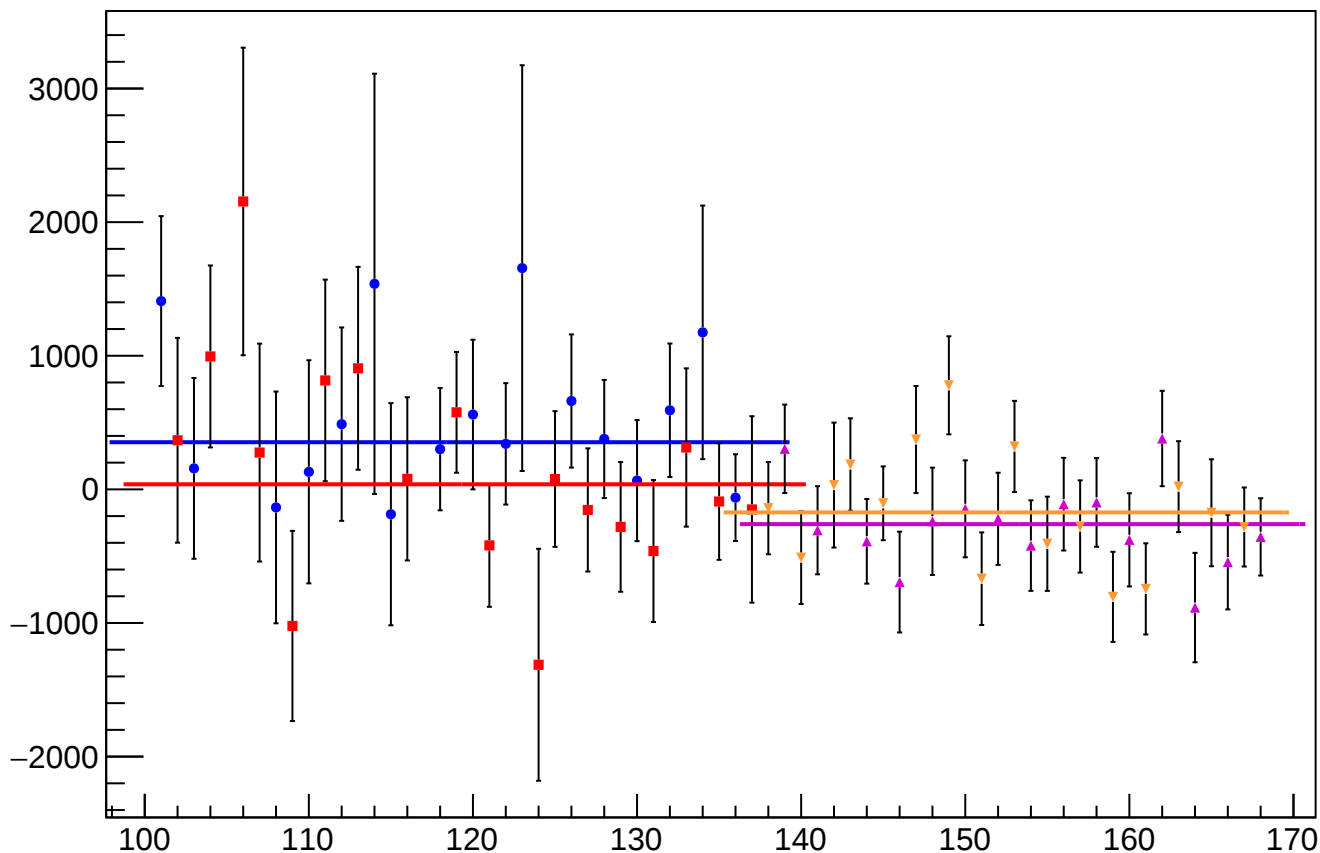
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 361.114+/-0.062 χ^2/NDF : 3020273.5/31

Out: 366.752+/-0.062 χ^2/NDF : 3019666.4/33

All: 363.934+/-0.044 χ^2/NDF : 6044067.3/65

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -172.401 $\pm$ 86.581 χ^2/NDF :22.3/15

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -260.159 $\pm$ 89.238 χ^2/NDF :11.6/14

Left: -214.954 $\pm$ 62.140 χ^2/NDF : 34.4/30

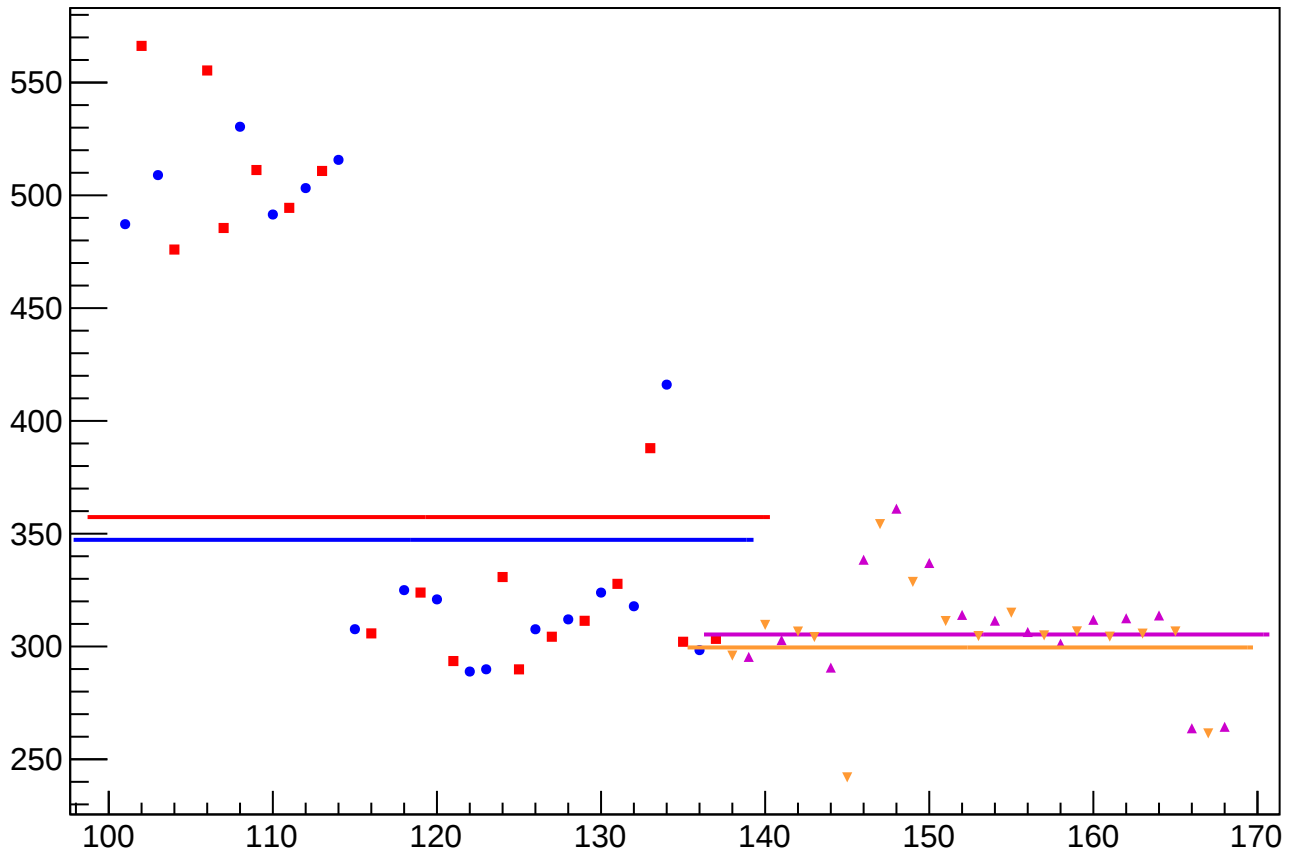
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -78.080 $\pm$ 74.823 χ^2/NDF :34.1/31

Out: -113.607 $\pm$ 73.494 χ^2/NDF :40.9/33

All: -96.162 $\pm$ 52.432 χ^2/NDF : 75.1/65

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 299.575 $\pm$ 0.061 χ^2/NDF :182166.7/15

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 305.322 $\pm$ 0.063 χ^2/NDF :147657.9/14

Left: 302.361 $\pm$ 0.044 χ^2/NDF : 334097.1/30

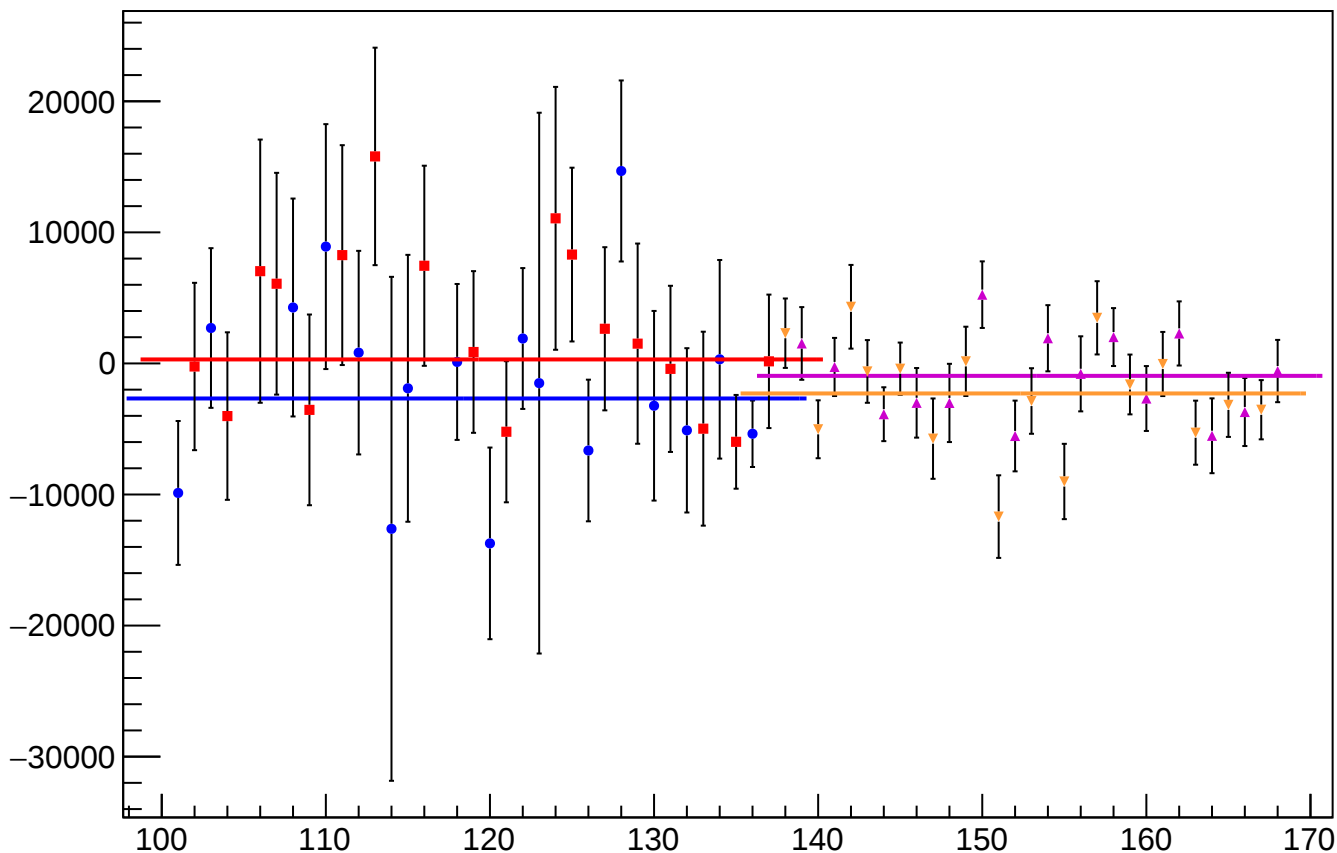
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 317.783 $\pm$ 0.053 χ^2/NDF :897873.9/31

Out: 315.725 $\pm$ 0.052 χ^2/NDF :1191113.4/33

All: 316.735 $\pm$ 0.037 χ^2/NDF : 2089757.2/65

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -2290.445 $\pm$ 629.878 χ^2/NDF : 33.9/15

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -947.813 $\pm$ 648.371 χ^2/NDF : 21.9/14

Left: -1638.550 $\pm$ 451.787 χ^2/NDF : 58.0/30

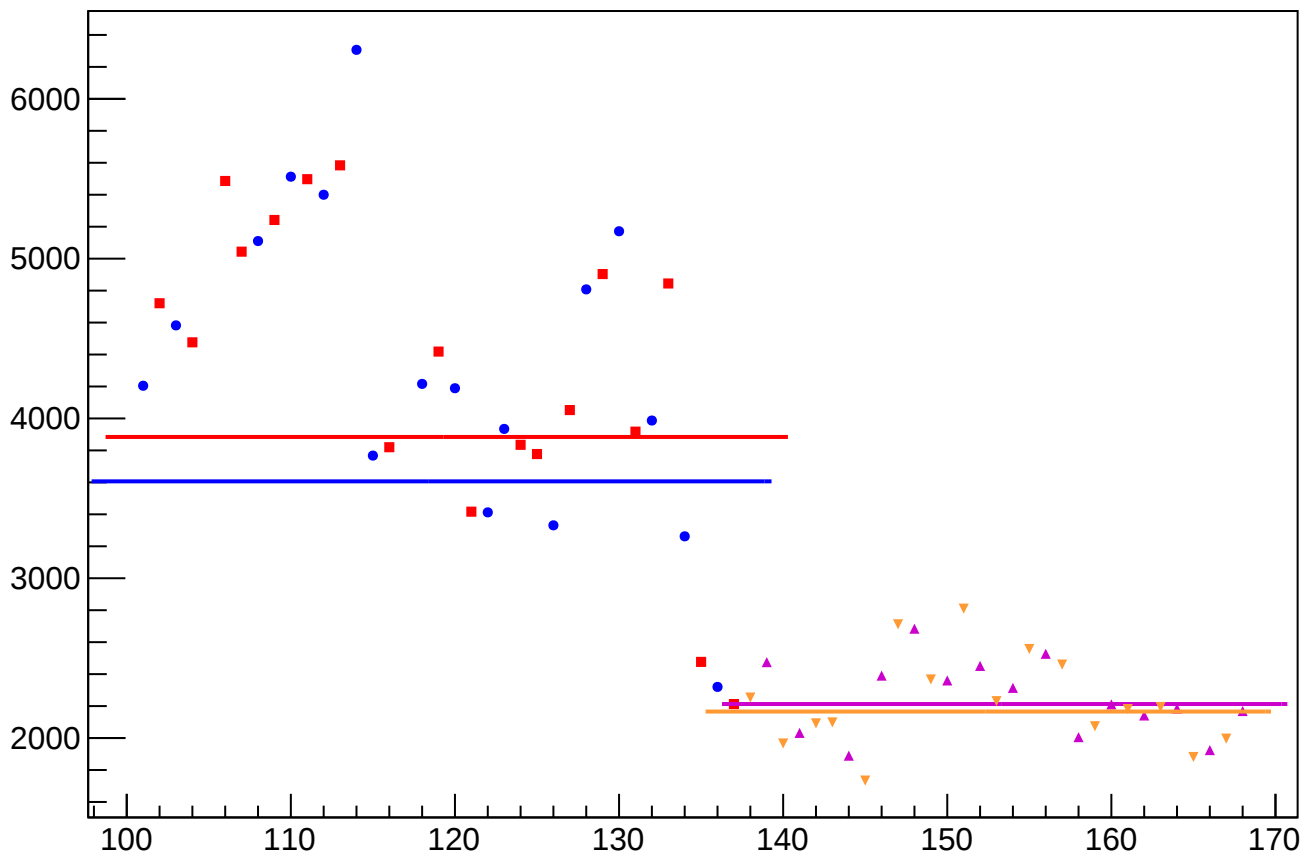
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -1233.414 $\pm$ 592.311 χ^2/NDF : 39.8/31

Out: -1909.169 $\pm$ 581.772 χ^2/NDF : 50.7/33

All: -1577.357 $\pm$ 415.051 χ^2/NDF : 91.2/65

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2165.800+/-0.445 χ^2/NDF : 376083.2/15

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2212.909+/-0.458 χ^2/NDF : 234082.5/14

Left: 2188.673+/-0.319 χ^2/NDF : 615597.5/30

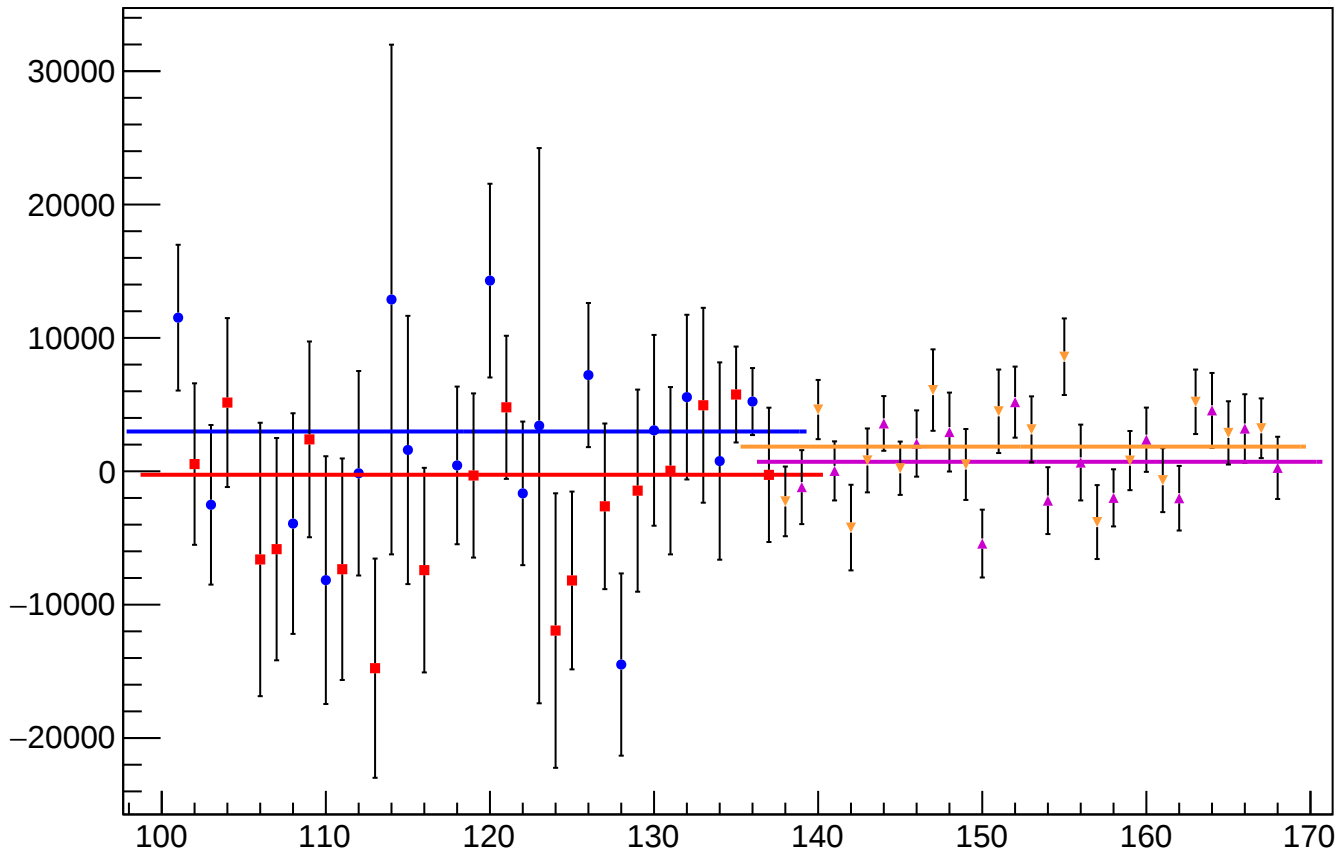
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2443.454+/-0.419 χ^2/NDF : 2854978.4/31

Out: 2418.254+/-0.411 χ^2/NDF : 3557540.1/33

All: 2430.628+/-0.293 χ^2/NDF : 6414361.1/65

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1848.952+/-624.734 χ^2/NDF : 25.1/15

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 711.876+/-639.012 χ^2/NDF : 19.6/14

Left: 1293.259+/-446.716 χ^2/NDF : 46.3/30

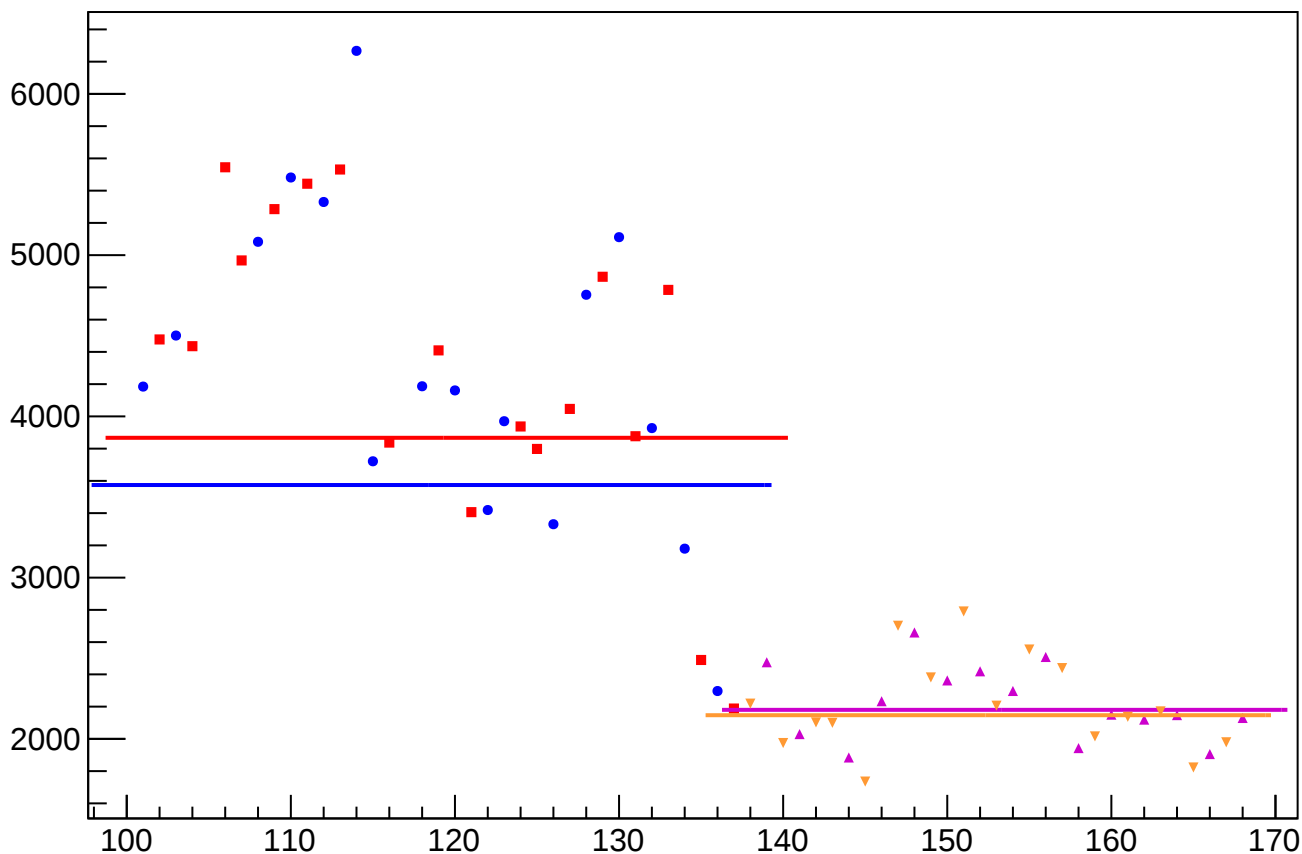
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1084.059+/-584.326 χ^2/NDF : 39.1/31

Out: 1540.878+/-577.297 χ^2/NDF : 40.3/33

All: 1315.233+/-410.673 χ^2/NDF : 79.7/65

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2146.722 $\pm$ 0.442 χ^2 /NDF: 385159.1/15

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2180.022 $\pm$ 0.452 χ^2 /NDF: 234324.6/14

Left: 2162.996 $\pm$ 0.316 χ^2 /NDF: 622260.6/30

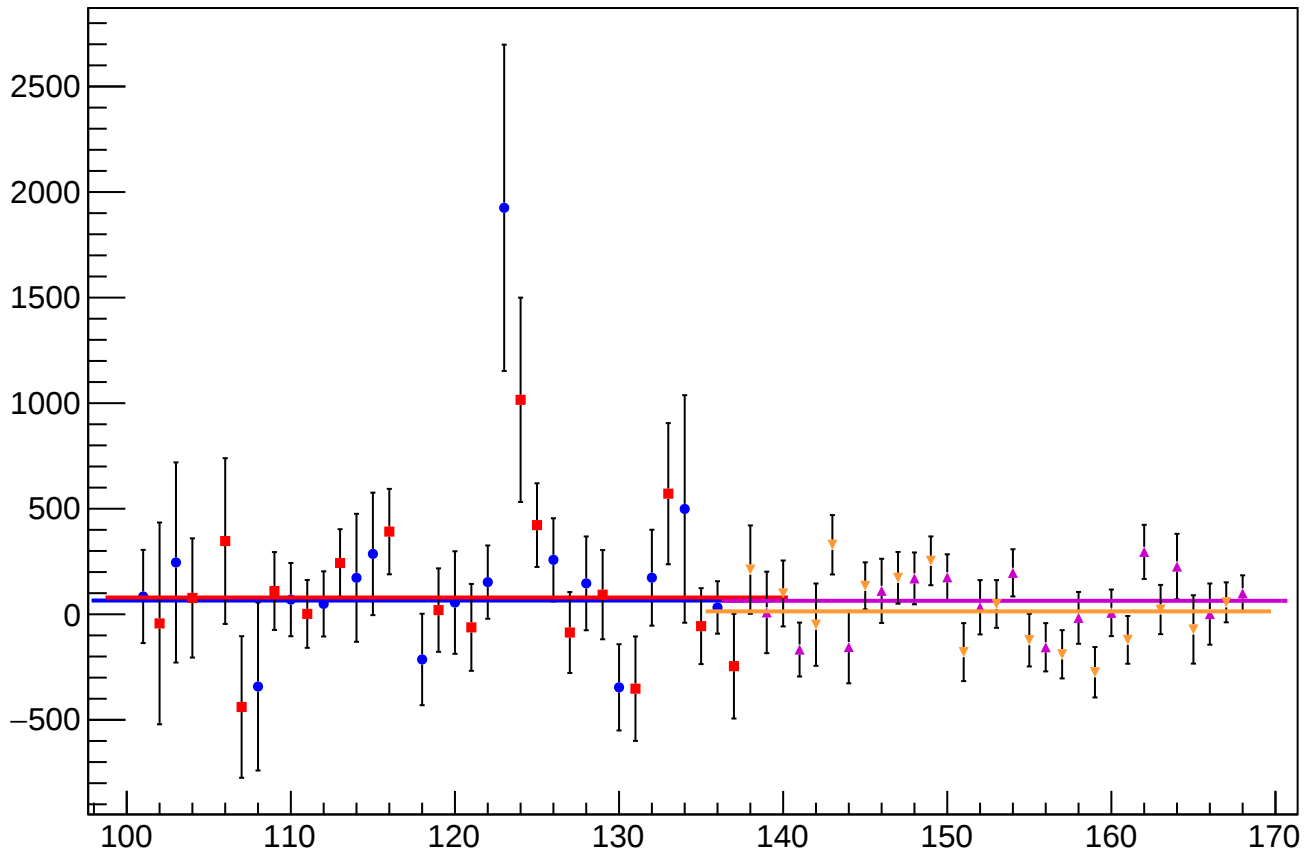
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2408.460 $\pm$ 0.413 χ^2 /NDF: 2885764.2/31

Out: 2398.086 $\pm$ 0.408 χ^2 /NDF: 3569451.4/33

All: 2403.210 $\pm$ 0.290 χ^2 /NDF: 6455534.6/65

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 13.899 $\pm$ 31.522 χ^2 /NDF: 27.7/15

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 63.845 $\pm$ 32.128 χ^2 /NDF: 17.5/14

Left: 38.397 $\pm$ 22.501 χ^2 /NDF: 46.3/30

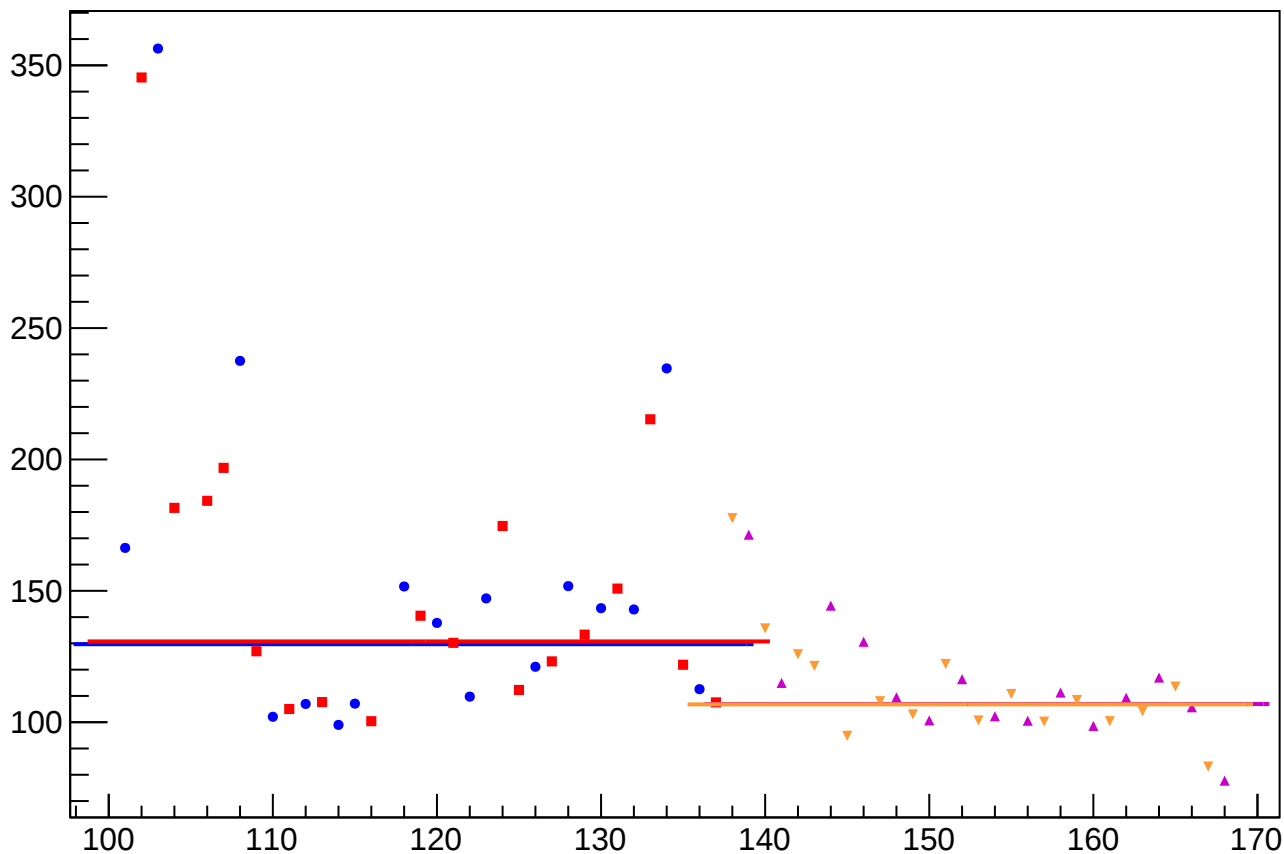
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 64.219 $\pm$ 27.432 χ^2 /NDF: 33.2/31

Out: 31.351 $\pm$ 27.004 χ^2 /NDF: 51.0/33

All: 47.526 $\pm$ 19.244 χ^2 /NDF: 84.9/65

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 106.798 $\pm$ 0.022 χ^2 /NDF: 539975.8/15

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 106.923 $\pm$ 0.023 χ^2 /NDF: 658712.0/14

Left: 106.859 $\pm$ 0.016 χ^2 /NDF: 1198703.2/30

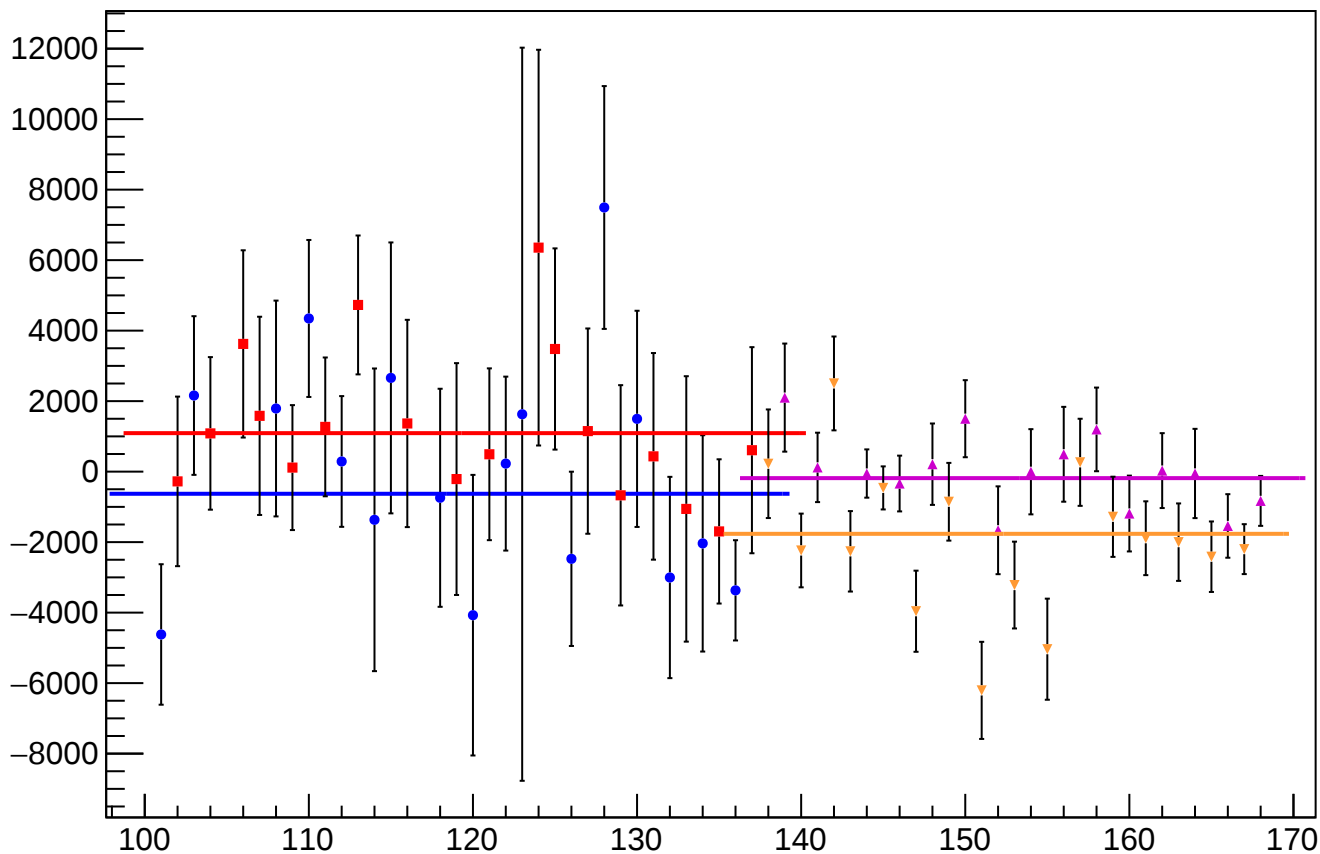
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 113.094 $\pm$ 0.019 χ^2 /NDF: 1920674.2/31

Out: 113.173 $\pm$ 0.019 χ^2 /NDF: 1774866.9/33

All: 113.134 $\pm$ 0.014 χ^2 /NDF: 3695549.6/65

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1764.488 ± 260.278 χ^2/NDF : 41.9/15

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: -184.288 ± 258.543 χ^2/NDF : 11.9/14

Left: -969.105 ± 183.428 χ^2/NDF : 72.4/30

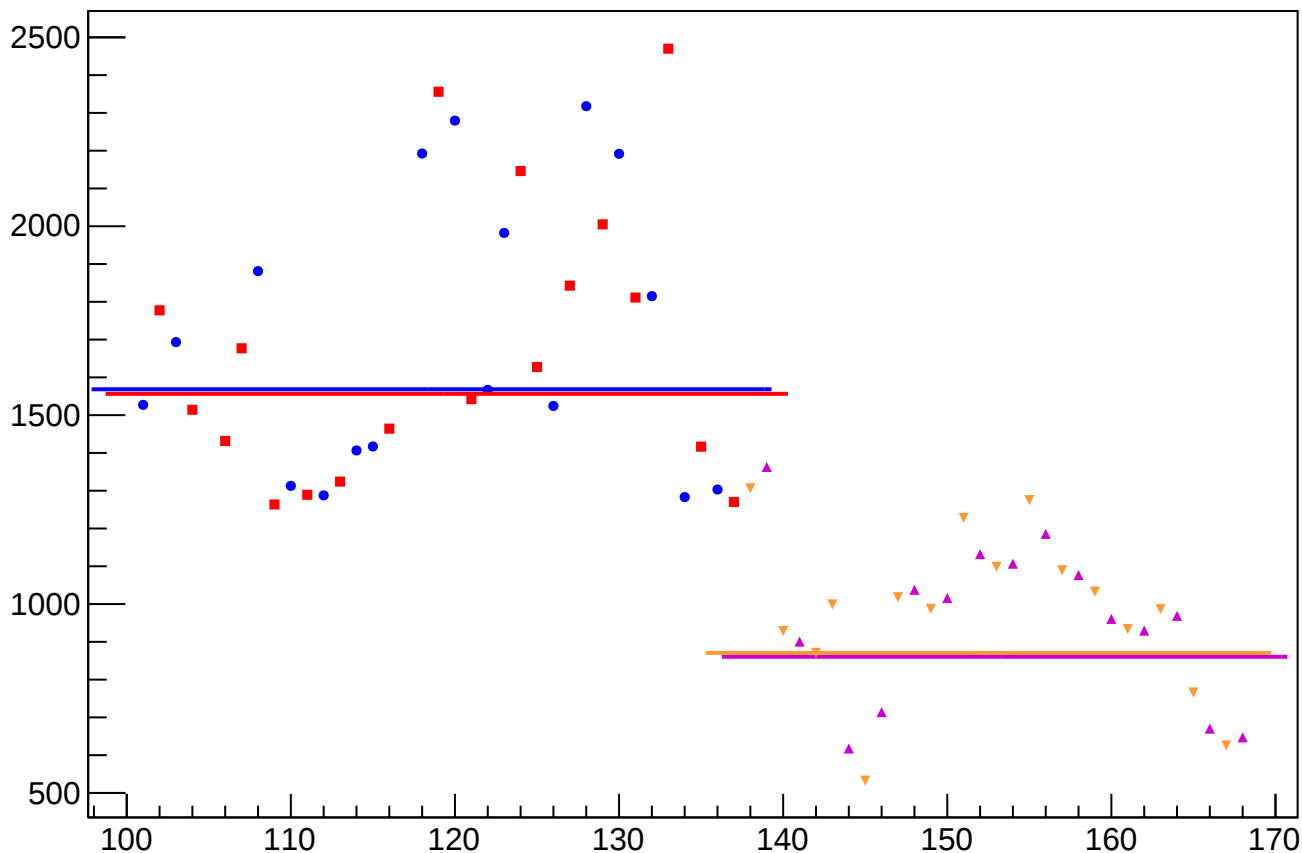
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: -249.775 ± 238.711 χ^2/NDF : 36.7/31

Out: -1311.440 ± 238.746 χ^2/NDF : 70.4/33

All: -780.529 ± 168.807 χ^2/NDF : 117.0/65

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 870.721+/-0.184 χ^2/NDF : 1615483.3/15

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 860.519+/-0.183 χ^2/NDF : 1297713.8/14

Left: 865.586+/-0.130 χ^2/NDF : 2914743.7/30

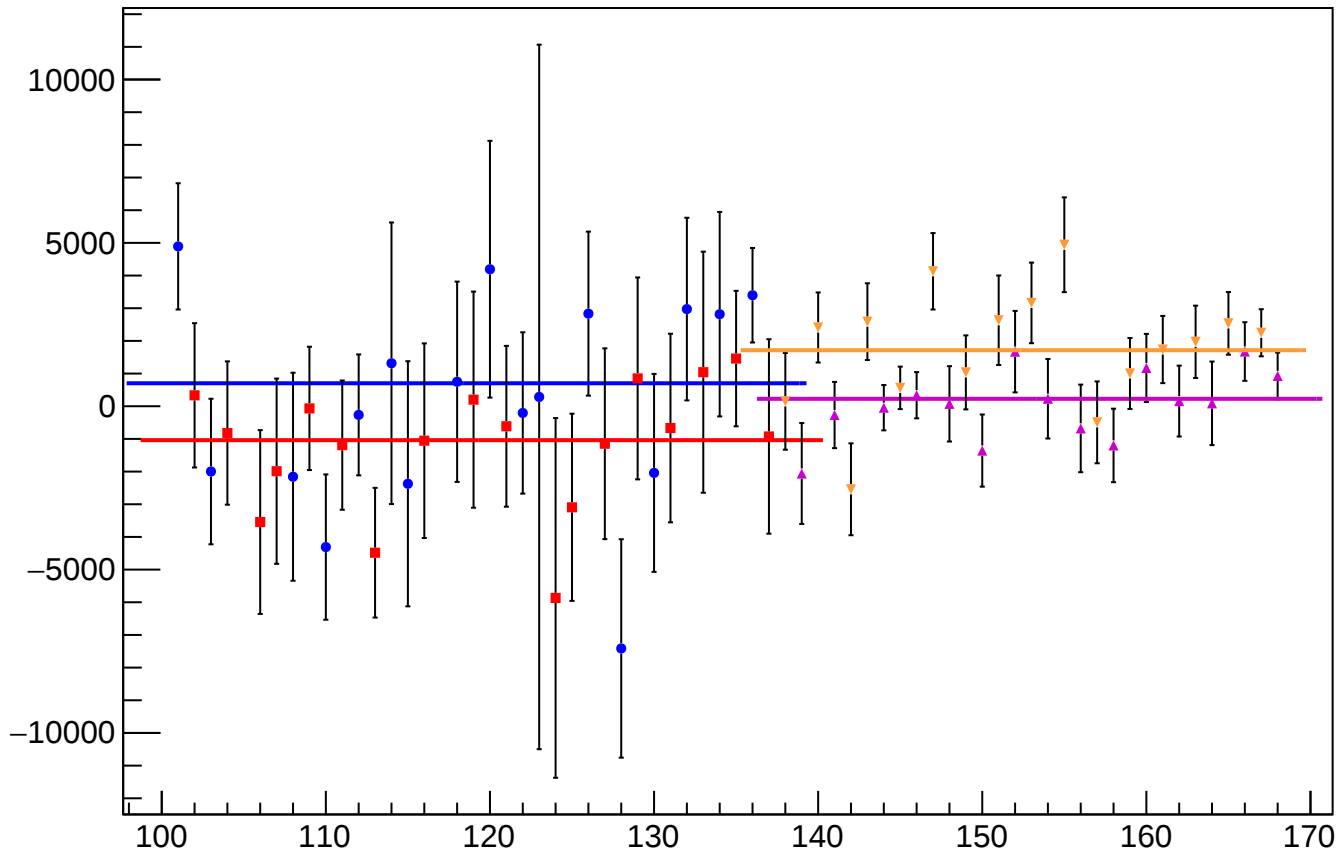
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 964.965+/-0.169 χ^2/NDF : 4044314.0/31

Out: 979.478+/-0.169 χ^2/NDF : 4327580.7/33

All: 972.220+/-0.119 χ^2/NDF : 8375590.4/65

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1714.625+/-263.928 χ^2/NDF :30.7/15

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: 226.960+/-255.719 χ^2/NDF :12.5/14

Left: 947.299+/-183.654 χ^2/NDF : 59.6/30

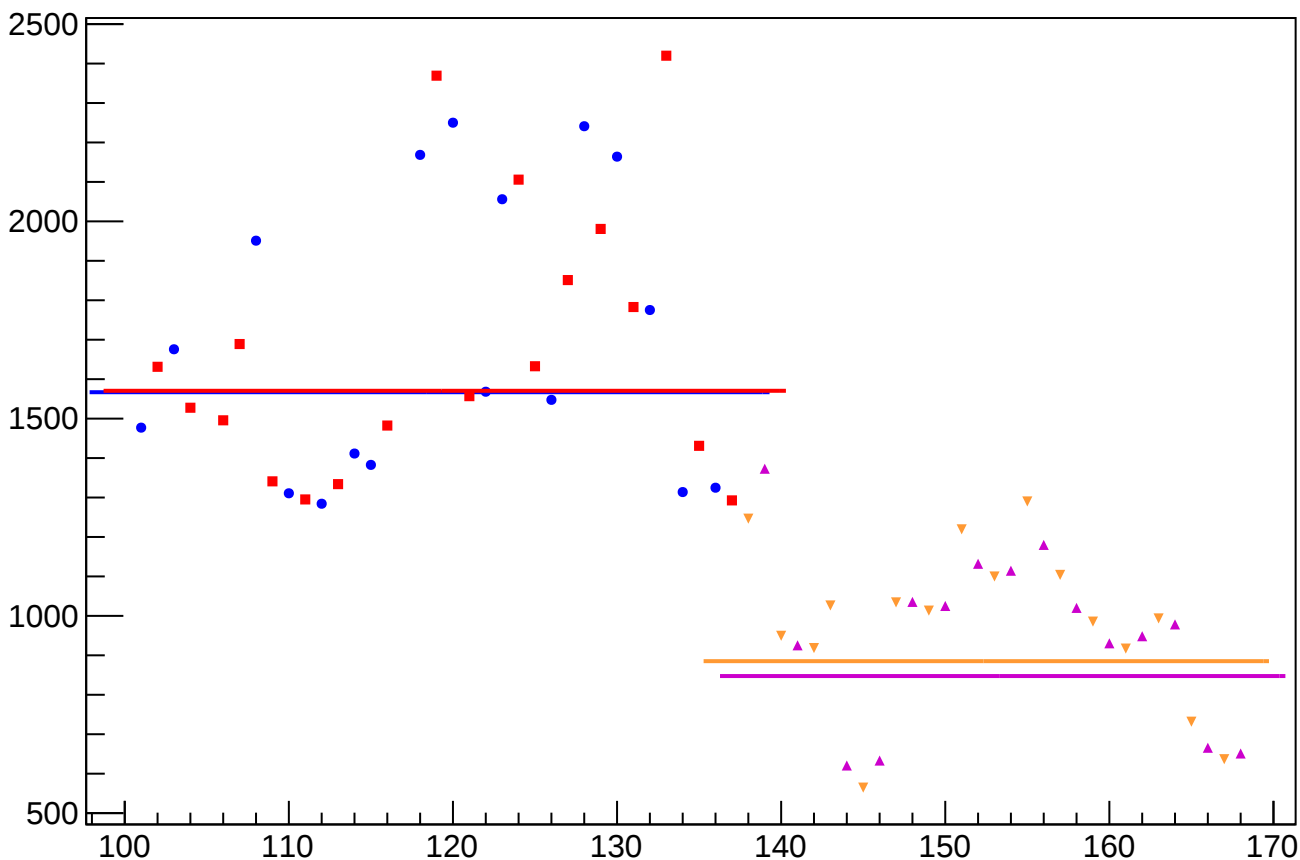
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 296.059+/-236.435 χ^2/NDF :39.0/31

Out: 1273.543+/-241.863 χ^2/NDF :56.3/33

All: 773.710+/-169.071 χ^2/NDF : 103.6/65

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 885.204 $\pm$ 0.187 χ^2 /NDF: 1423798.3/15

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 847.472 $\pm$ 0.181 χ^2 /NDF: 1400511.3/14

Left: 865.742 $\pm$ 0.130 χ^2 /NDF: 2845394.1/30

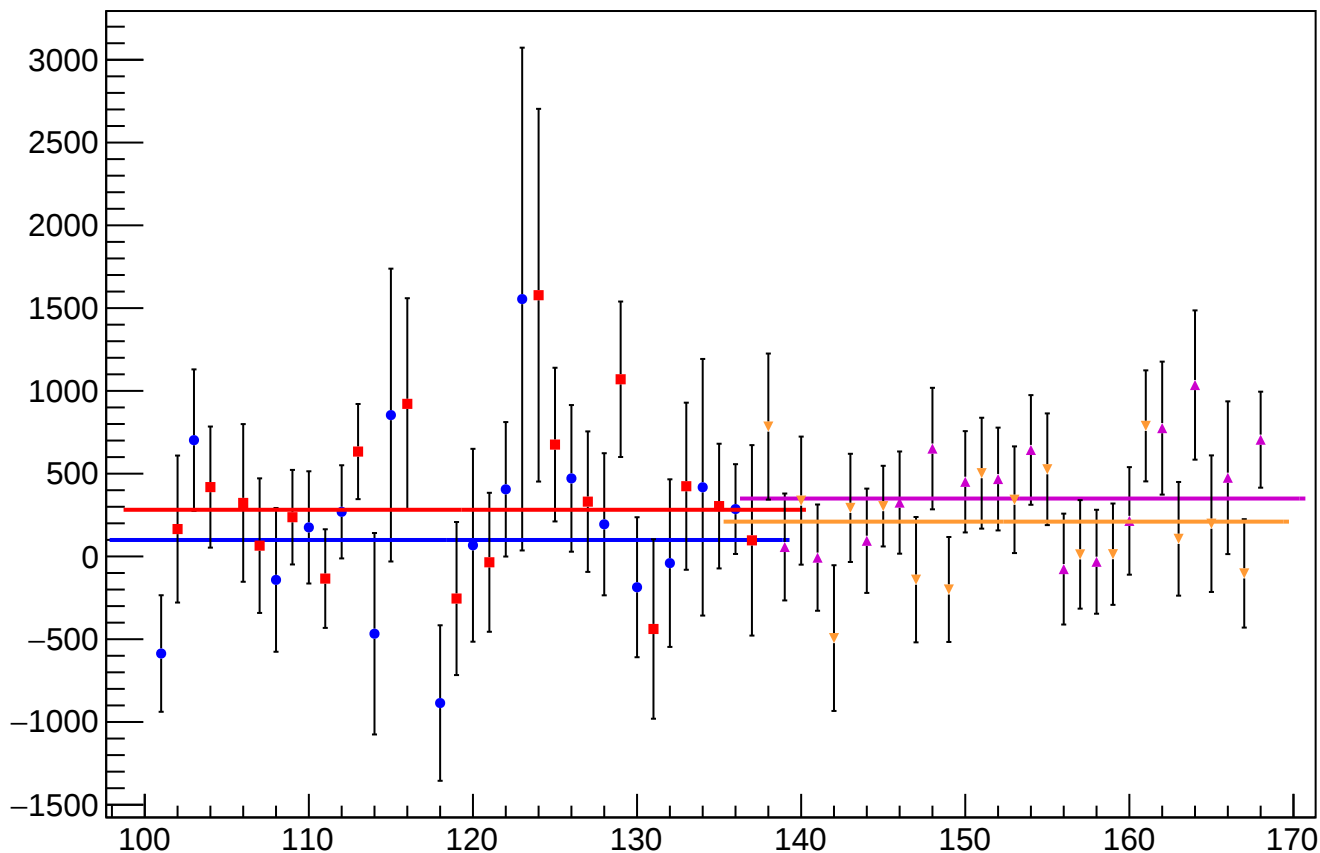
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 951.892 $\pm$ 0.167 χ^2 /NDF: 4198074.6/31

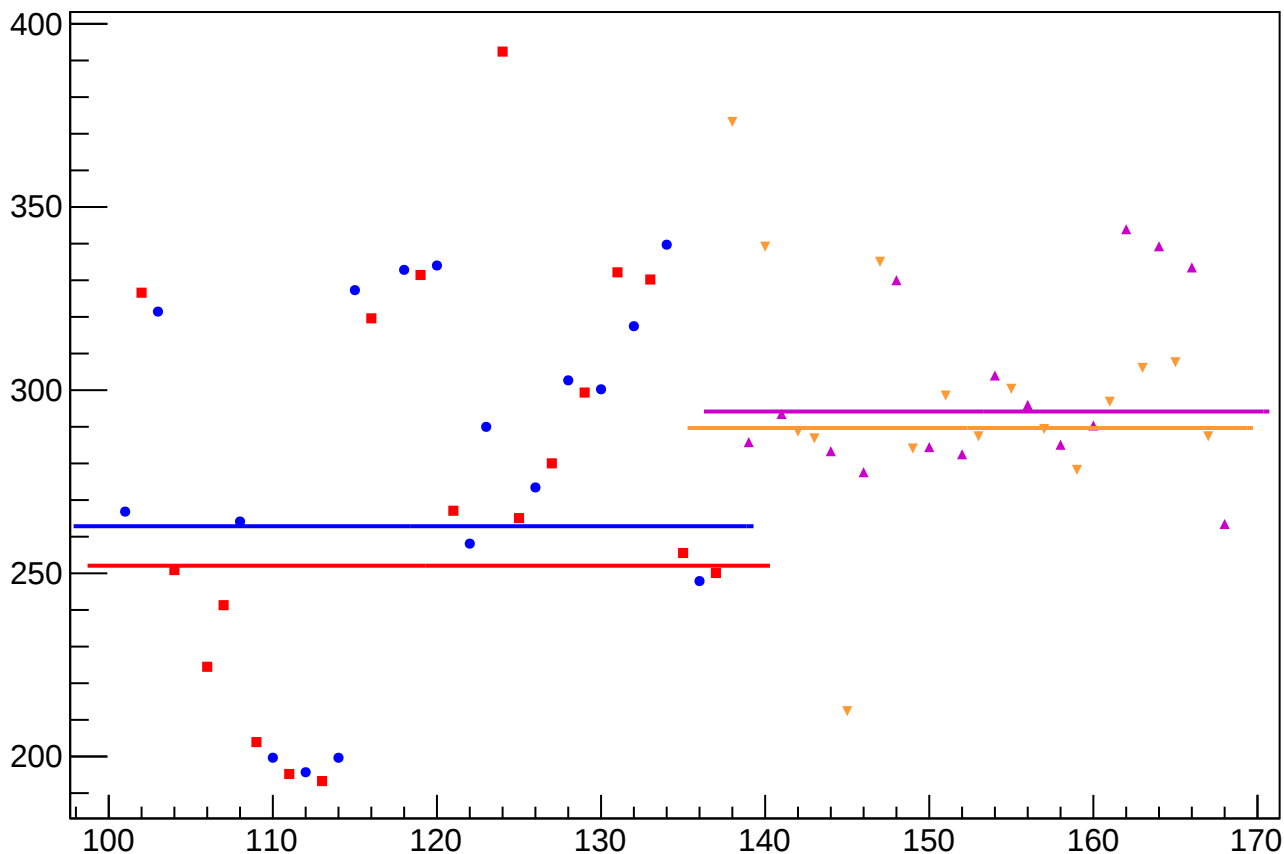
Out: 995.007 $\pm$ 0.171 χ^2 /NDF: 4023698.2/33

All: 972.961 $\pm$ 0.120 χ^2 /NDF: 8254271.6/65

dit_asym_sam4_mean vs Slug, Sign Corrected



dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 289.672 $\pm$ 0.060 χ^2 /NDF:351084.3/15

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 294.171 $\pm$ 0.061 χ^2 /NDF:124842.2/14

Left: 291.870 $\pm$ 0.043 χ^2 /NDF: 478695.0/30

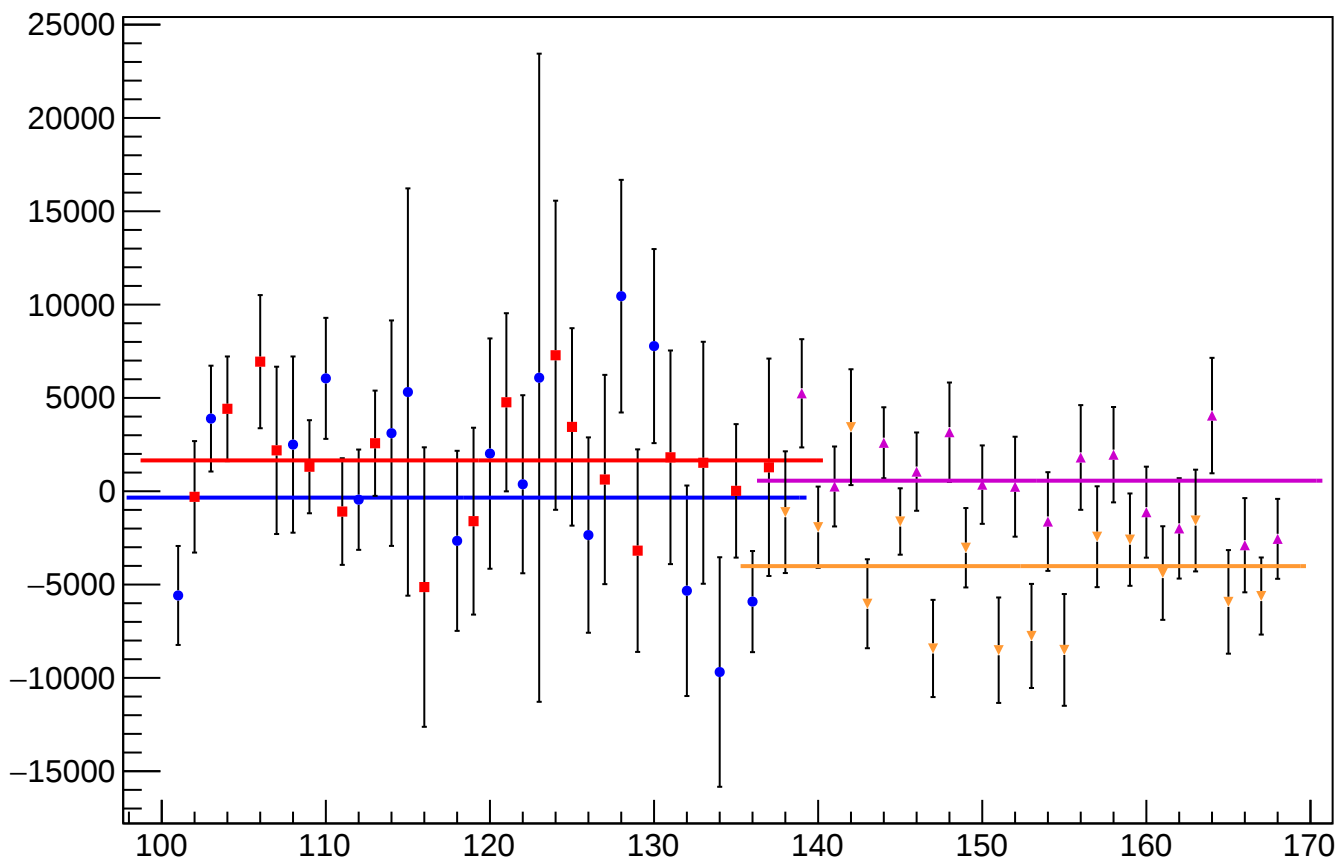
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 281.292 $\pm$ 0.047 χ^2 /NDF:644398.1/31

Out: 273.617 $\pm$ 0.045 χ^2 /NDF:1035258.6/33

All: 277.314 $\pm$ 0.033 χ^2 /NDF: 1693524.1/65

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -4012.341 ± 620.956 χ^2/NDF : 22.2/15

Right Out: 1651.954 ± 929.858 χ^2/NDF : 7.9/17

Left In: 565.092 ± 625.324 χ^2/NDF : 12.6/14

Left: -1739.668 ± 440.619 χ^2/NDF : 61.8/30

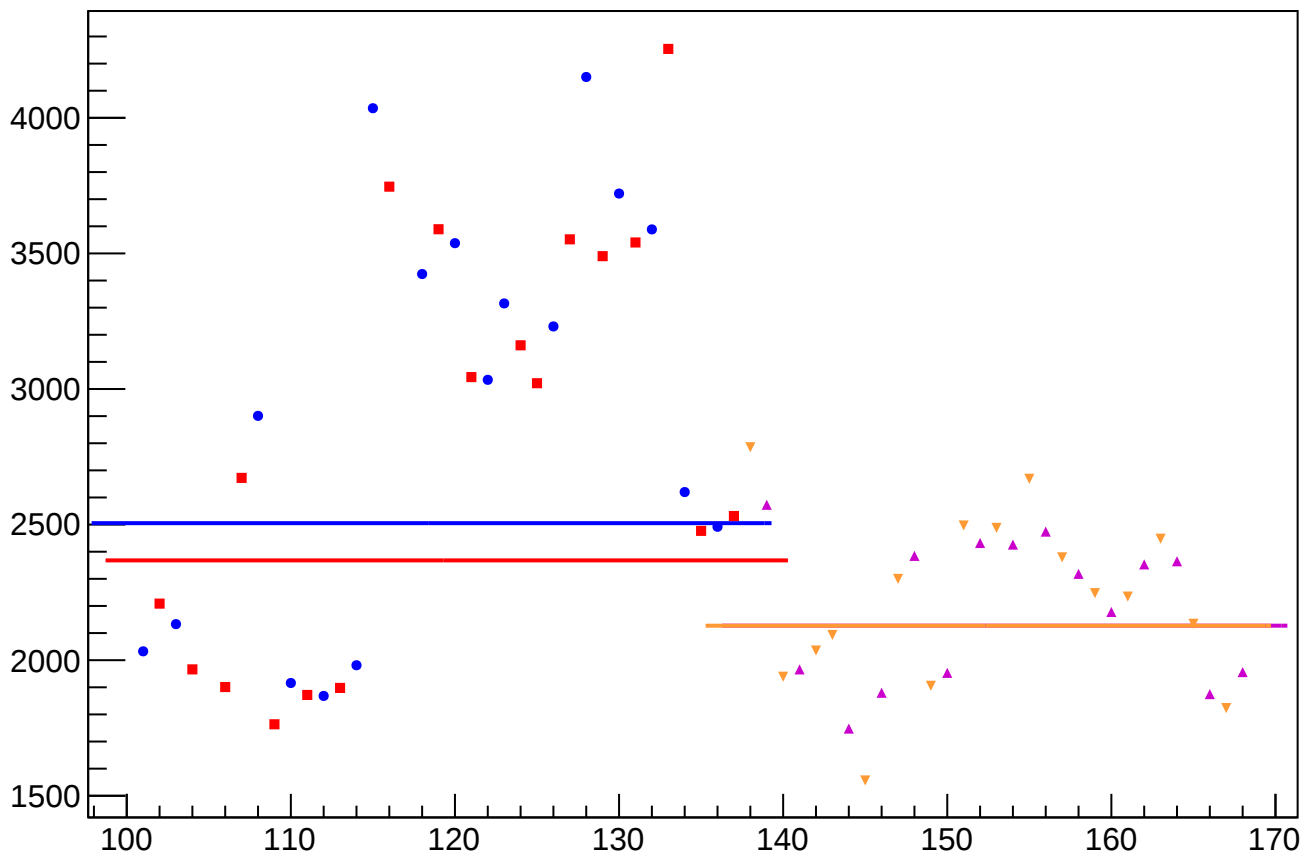
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 311.921 ± 530.884 χ^2/NDF : 37.6/31

Out: -2265.390 ± 516.397 χ^2/NDF : 55.8/33

All: -1012.378 ± 370.164 χ^2/NDF : 105.6/65

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2127.148+/-0.439 χ^2/NDF : 564825.0/15

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2127.289+/-0.442 χ^2/NDF : 351367.7/14

Left: 2127.218+/-0.312 χ^2/NDF : 916192.7/30

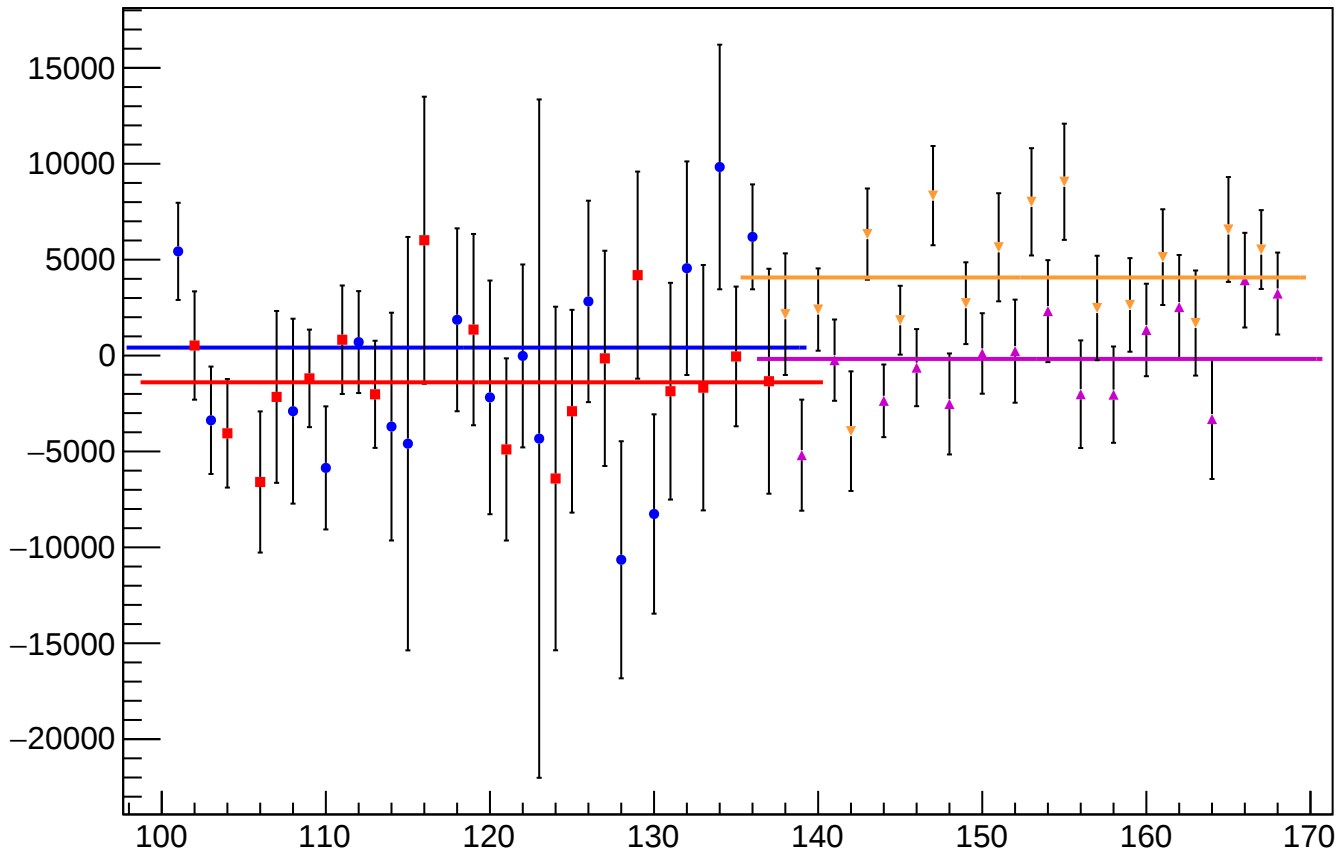
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2232.854+/-0.375 χ^2/NDF : 1419618.3/31

Out: 2201.431+/-0.365 χ^2/NDF : 1688506.3/33

All: 2216.708+/-0.262 χ^2/NDF : 3111724.9/65

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 χ^2/NDF : 24.5/16

Left Out: 4070.788 ± 619.528 χ^2/NDF : 21.1/15

Right Out: -1394.660 ± 928.996 χ^2/NDF : 7.5/17

Left In: -176.135 ± 620.332 χ^2/NDF : 14.8/14

Left: 1950.079 ± 438.356 χ^2/NDF : 59.4/30

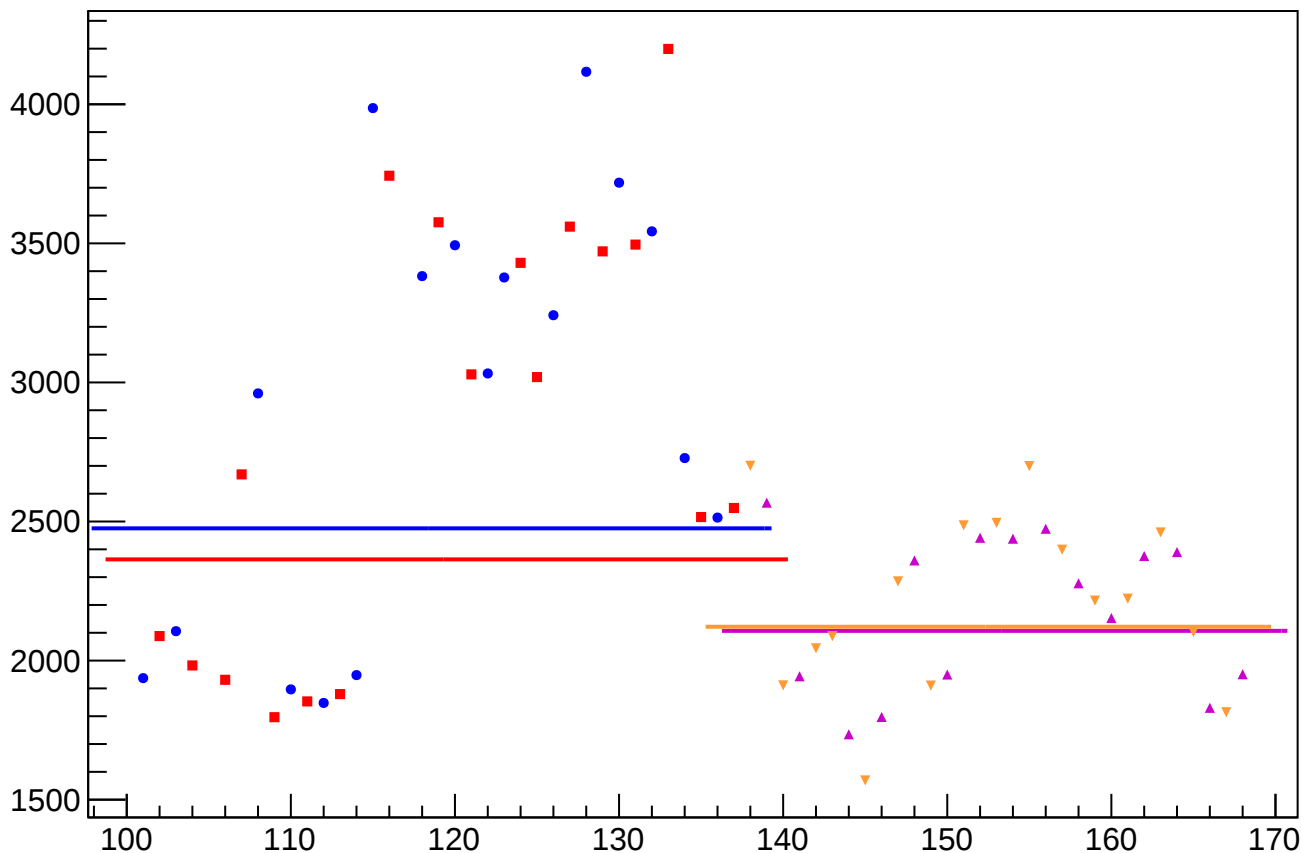
Right: -551.504 ± 679.008 χ^2/NDF : 33.8/34

In: -10.504 ± 526.394 χ^2/NDF : 39.5/31

Out: 2388.370 ± 515.428 χ^2/NDF : 52.6/33

All: 1214.180 ± 368.278 χ^2/NDF : 102.7/65

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2121.675+/-0.438 χ^2/NDF : 548925.6/15

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2106.909+/-0.439 χ^2/NDF : 395006.8/14

Left: 2114.301+/-0.310 χ^2/NDF : 944499.7/30

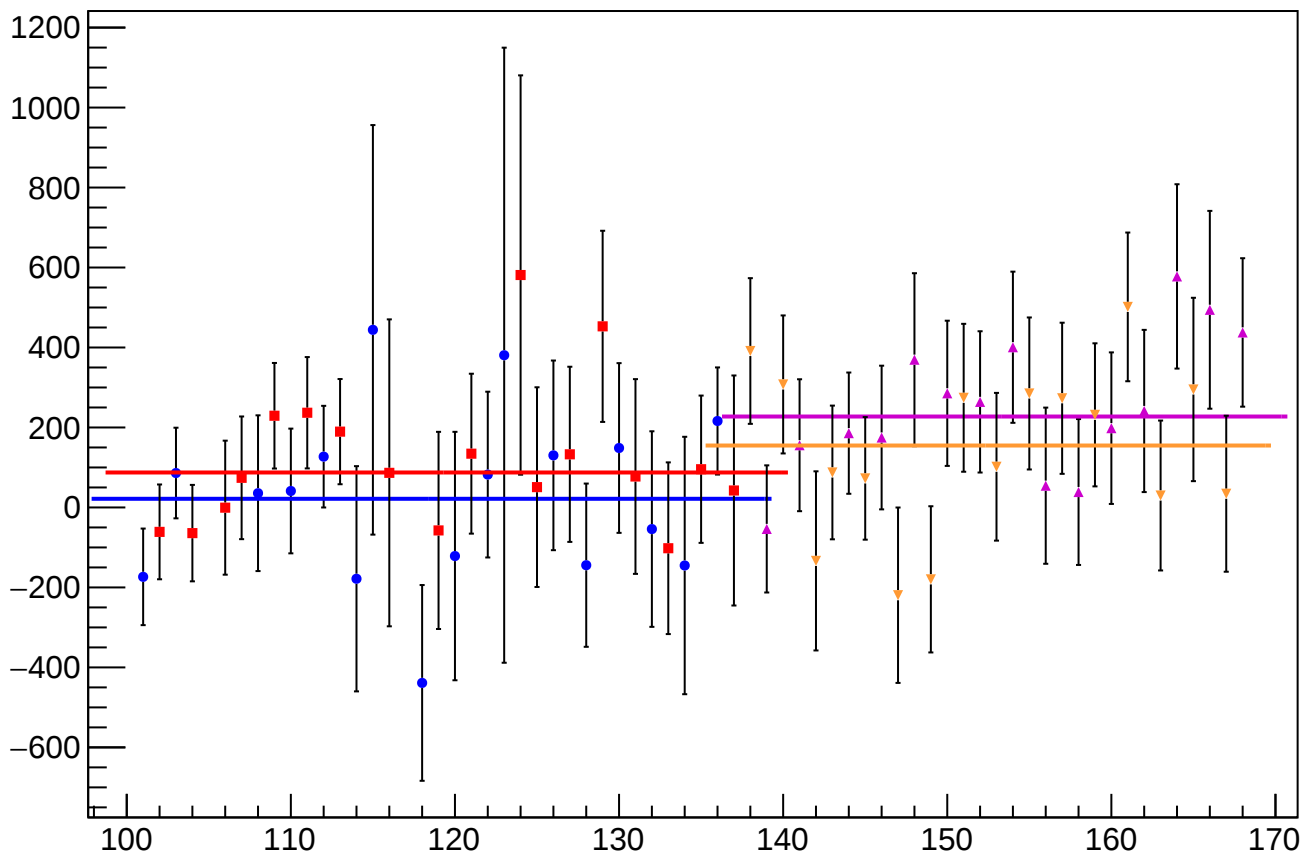
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2210.071+/-0.372 χ^2/NDF : 1505672.2/31

Out: 2196.241+/-0.364 χ^2/NDF : 1669920.8/33

All: 2203.010+/-0.260 χ^2/NDF : 3176297.9/65

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 154.881 $\pm$ 46.580 χ^2 /NDF:17.1/15

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 227.389 $\pm$ 47.935 χ^2 /NDF:11.5/14

Left: 190.095 $\pm$ 33.406 χ^2 /NDF: 29.8/30

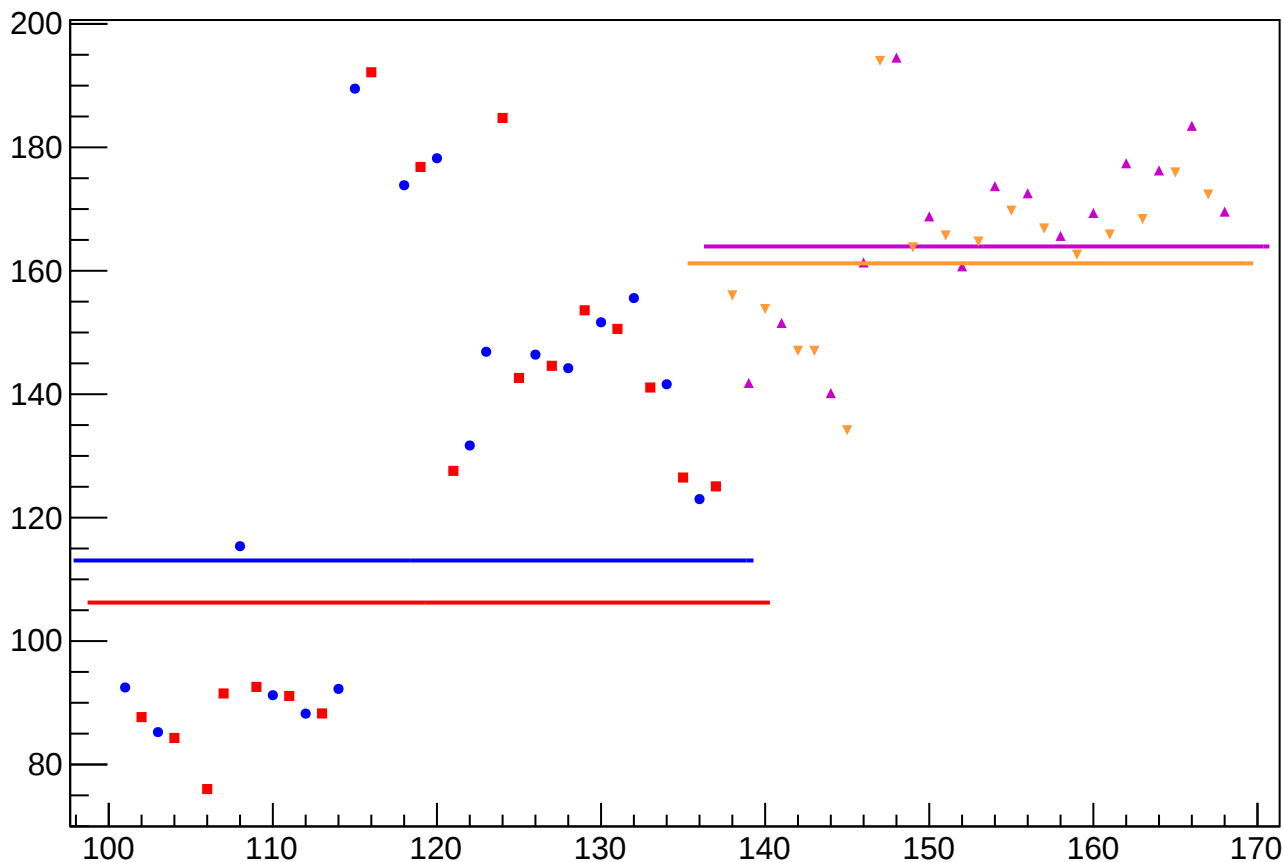
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 118.383 $\pm$ 32.869 χ^2 /NDF:33.9/31

Out: 117.544 $\pm$ 31.121 χ^2 /NDF:29.2/33

All: 117.941 $\pm$ 22.599 χ^2 /NDF: 63.0/65

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 161.207 $\pm$ 0.033 χ^2/NDF : 161915.5/15

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 163.940 $\pm$ 0.034 χ^2/NDF : 181634.1/14

Left: 162.535 $\pm$ 0.024 χ^2/NDF : 346893.8/30

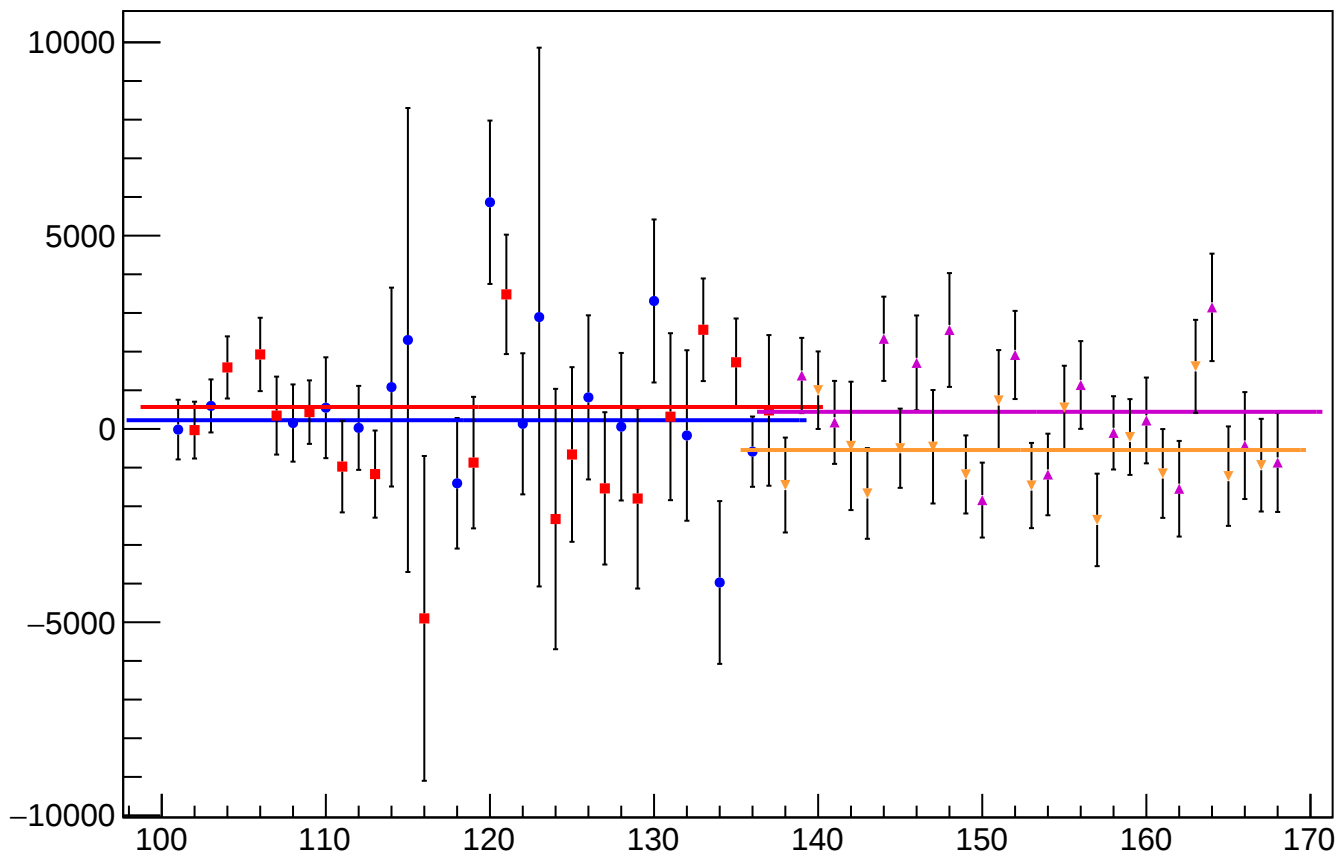
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 136.982 $\pm$ 0.023 χ^2/NDF : 2196335.1/31

Out: 130.777 $\pm$ 0.022 χ^2/NDF : 2655472.0/33

All: 133.710 $\pm$ 0.016 χ^2/NDF : 4889398.3/65

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -544.939 $\pm$ 289.862 χ^2 /NDF:13.2/15

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 443.108 $\pm$ 293.187 χ^2 /NDF:25.3/14

Left: -56.551 $\pm$ 206.129 χ^2 /NDF: 44.3/30

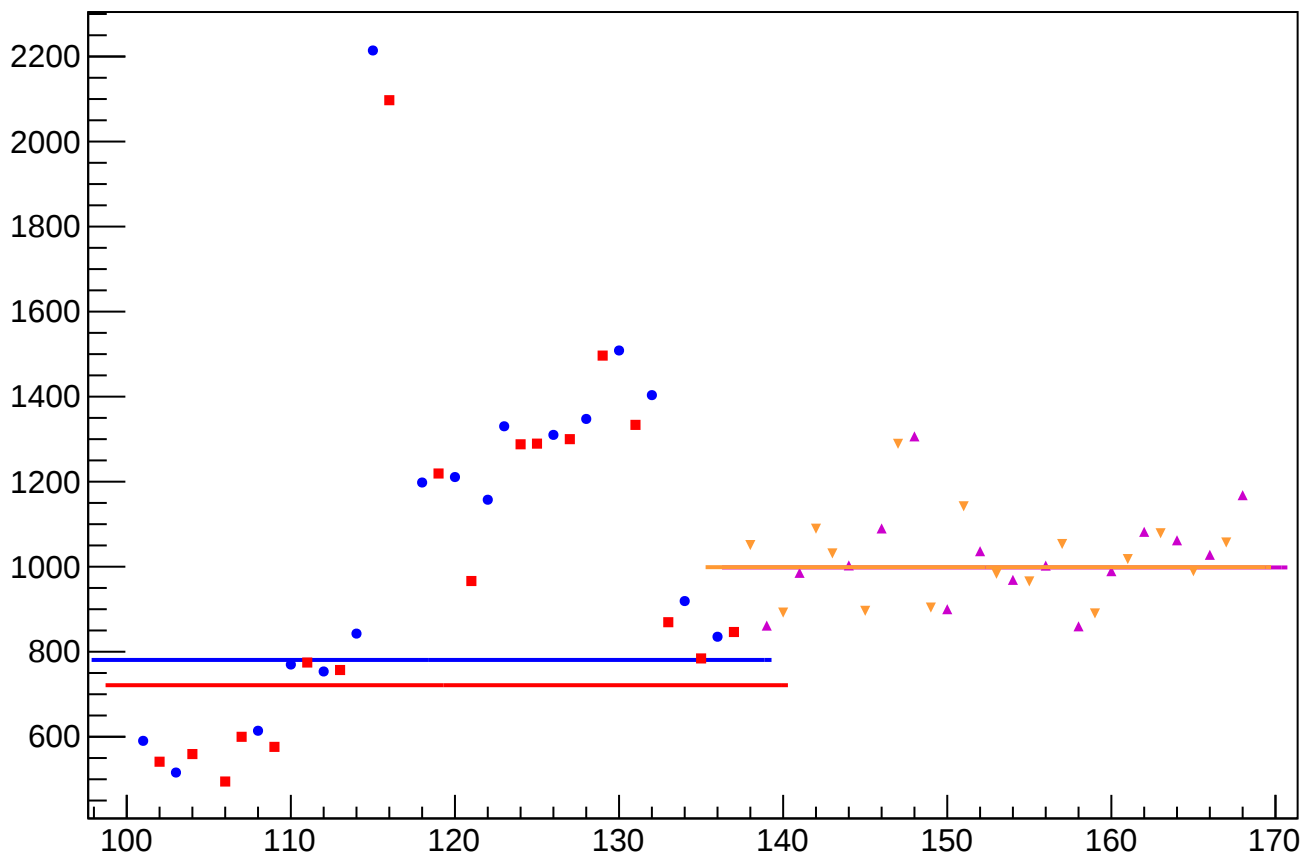
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 344.337 $\pm$ 216.607 χ^2 /NDF:41.5/31

Out: 10.361 $\pm$ 205.189 χ^2 /NDF:41.6/33

All: 168.315 $\pm$ 148.963 χ^2 /NDF: 84.3/65

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 998.896 $\pm$ 0.205 χ^2 /NDF:219100.4/15

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 998.260 $\pm$ 0.207 χ^2 /NDF:255557.2/14

Left: 998.582 $\pm$ 0.146 χ^2 /NDF: 474662.3/30

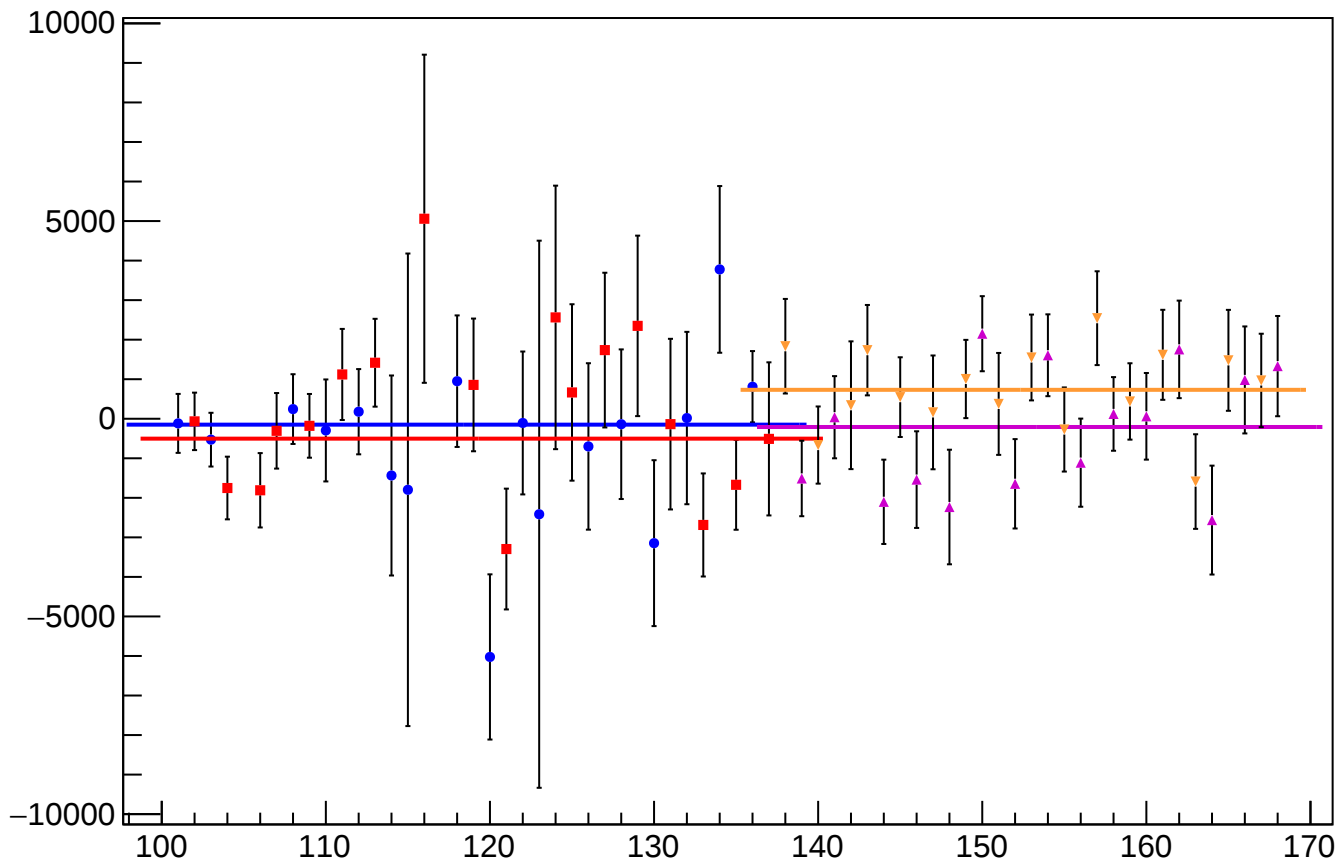
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 899.450 $\pm$ 0.153 χ^2 /NDF:2365240.9/31

Out: 860.385 $\pm$ 0.145 χ^2 /NDF:2761110.2/33

All: 878.861 $\pm$ 0.105 χ^2 /NDF: 5160637.2/65

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 731.616 ± 285.095 $\chi^2/\text{NDF}: 12.7/15$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -208.349 ± 288.454 $\chi^2/\text{NDF}: 27.6/14$

Left: 267.137 ± 202.770 $\chi^2/\text{NDF}: 45.7/30$

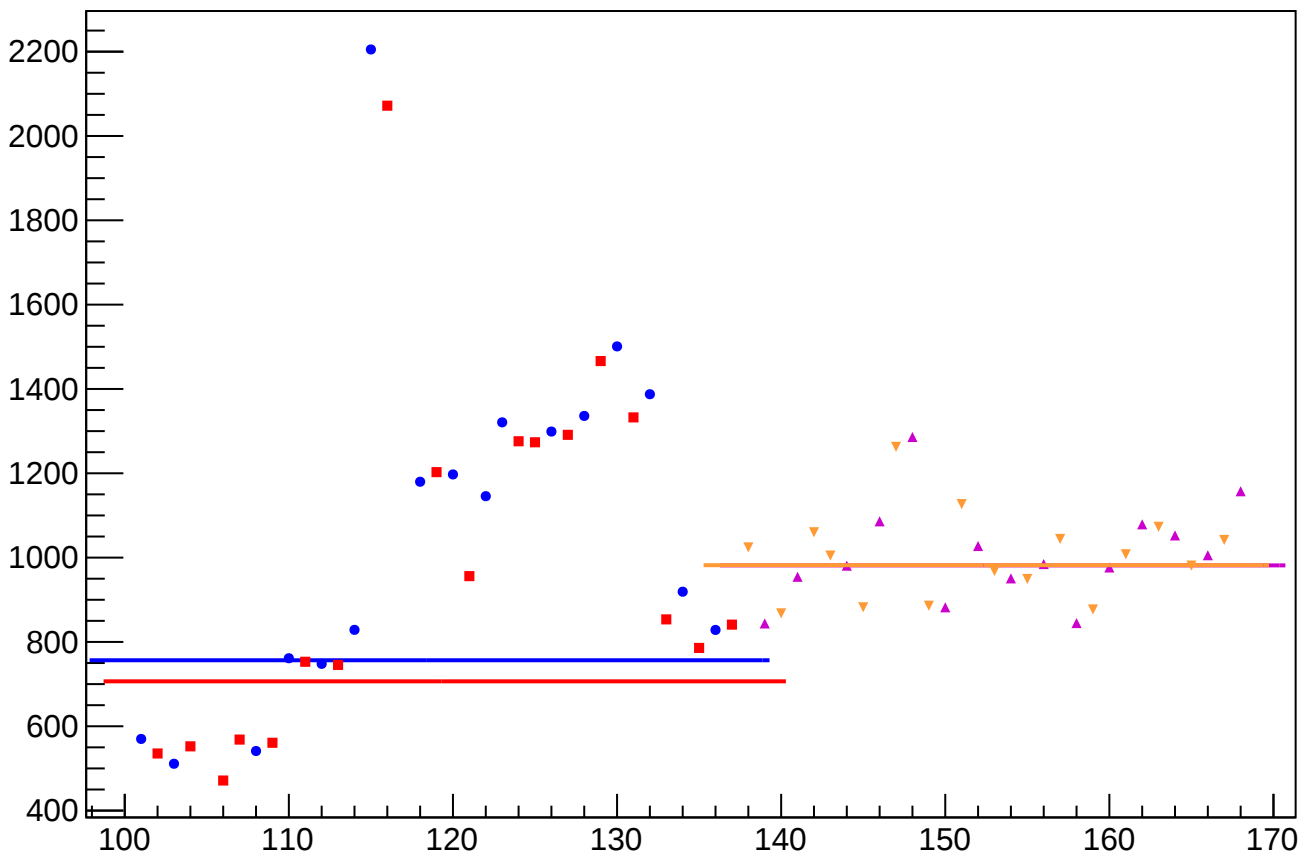
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -181.164 ± 212.104 $\chi^2/\text{NDF}: 43.8/31$

Out: 115.710 ± 201.835 $\chi^2/\text{NDF}: 45.7/33$

All: -25.366 ± 146.214 $\chi^2/\text{NDF}: 90.5/65$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 982.031+/-0.202 χ^2/NDF : 224393.6/15

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 981.563+/-0.204 χ^2/NDF : 273037.5/14

Left: 981.800+/-0.143 χ^2/NDF : 497433.7/30

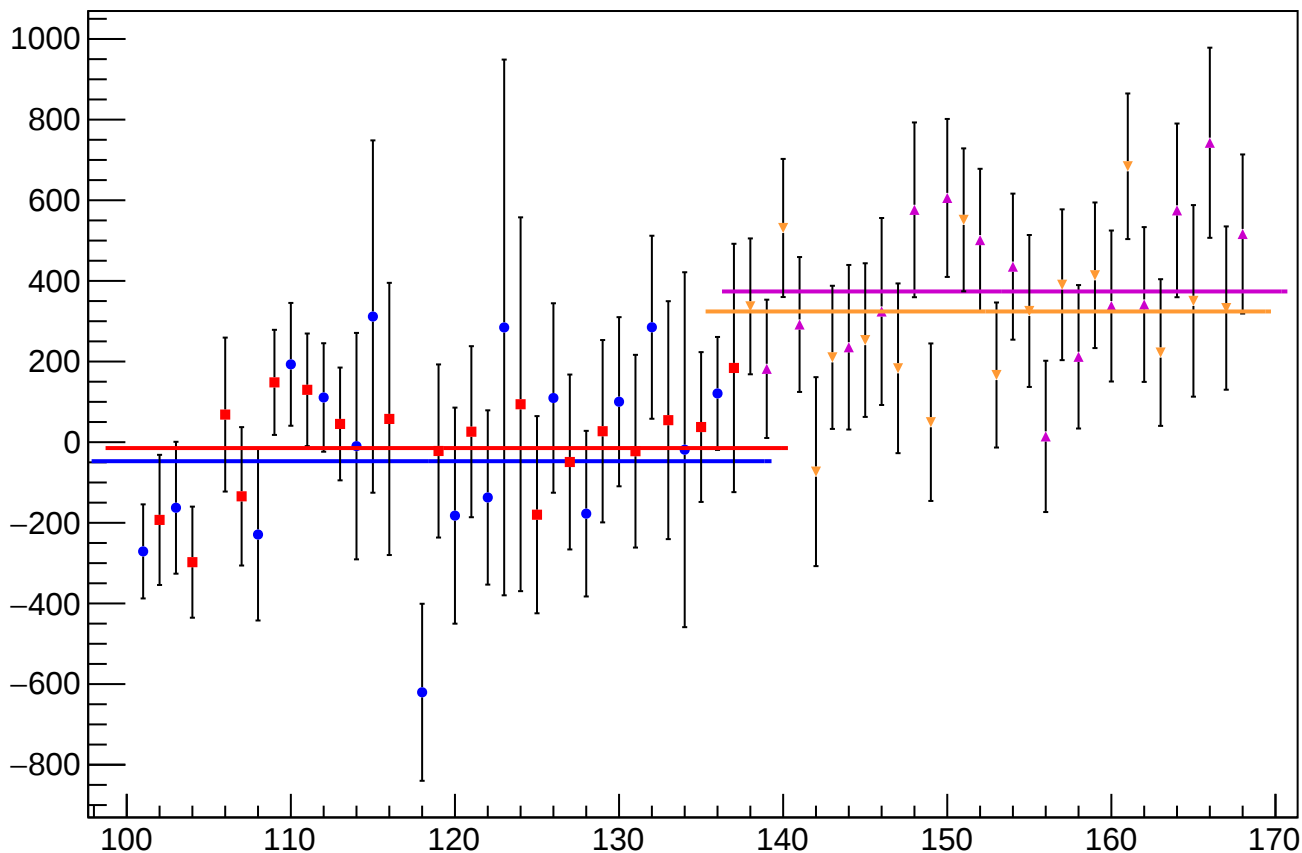
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 878.206+/-0.150 χ^2/NDF : 2545724.0/31

Out: 844.621+/-0.143 χ^2/NDF : 2825850.5/33

All: 860.581+/-0.103 χ^2/NDF : 5397889.4/65

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 324.201 $\pm$ 47.207 χ^2/NDF : 14.4/15

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 373.803 $\pm$ 49.811 χ^2/NDF : 13.3/14

Left: 347.671 $\pm$ 34.264 χ^2/NDF : 28.2/30

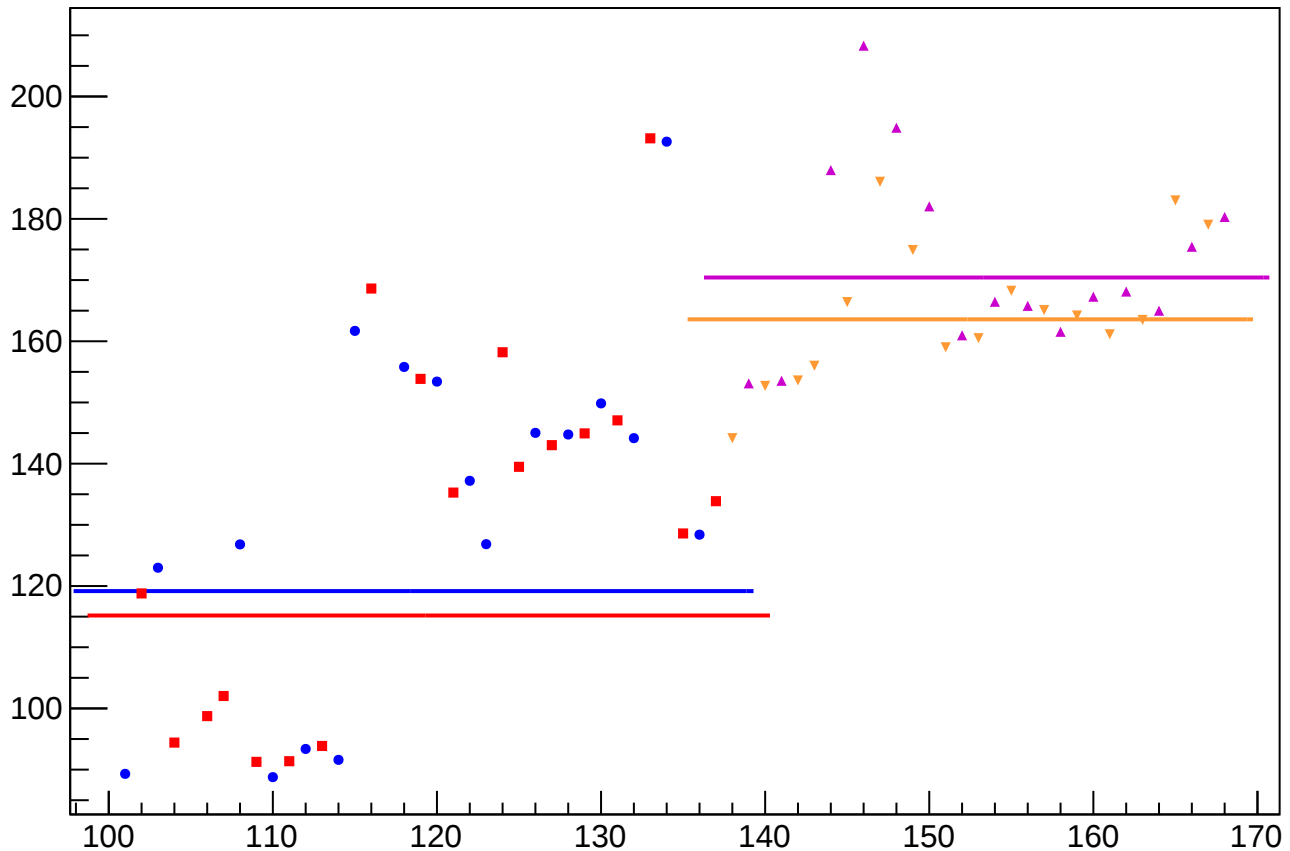
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 152.304 $\pm$ 34.288 χ^2/NDF : 72.8/31

Out: 146.117 $\pm$ 32.515 χ^2/NDF : 51.6/33

All: 149.047 $\pm$ 23.593 χ^2/NDF : 124.4/65

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 163.587+/-0.033 χ^2/NDF : 100610.5/15

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 170.421+/-0.035 χ^2/NDF : 162329.8/14

Left: 166.821+/-0.024 χ^2/NDF : 282774.0/30

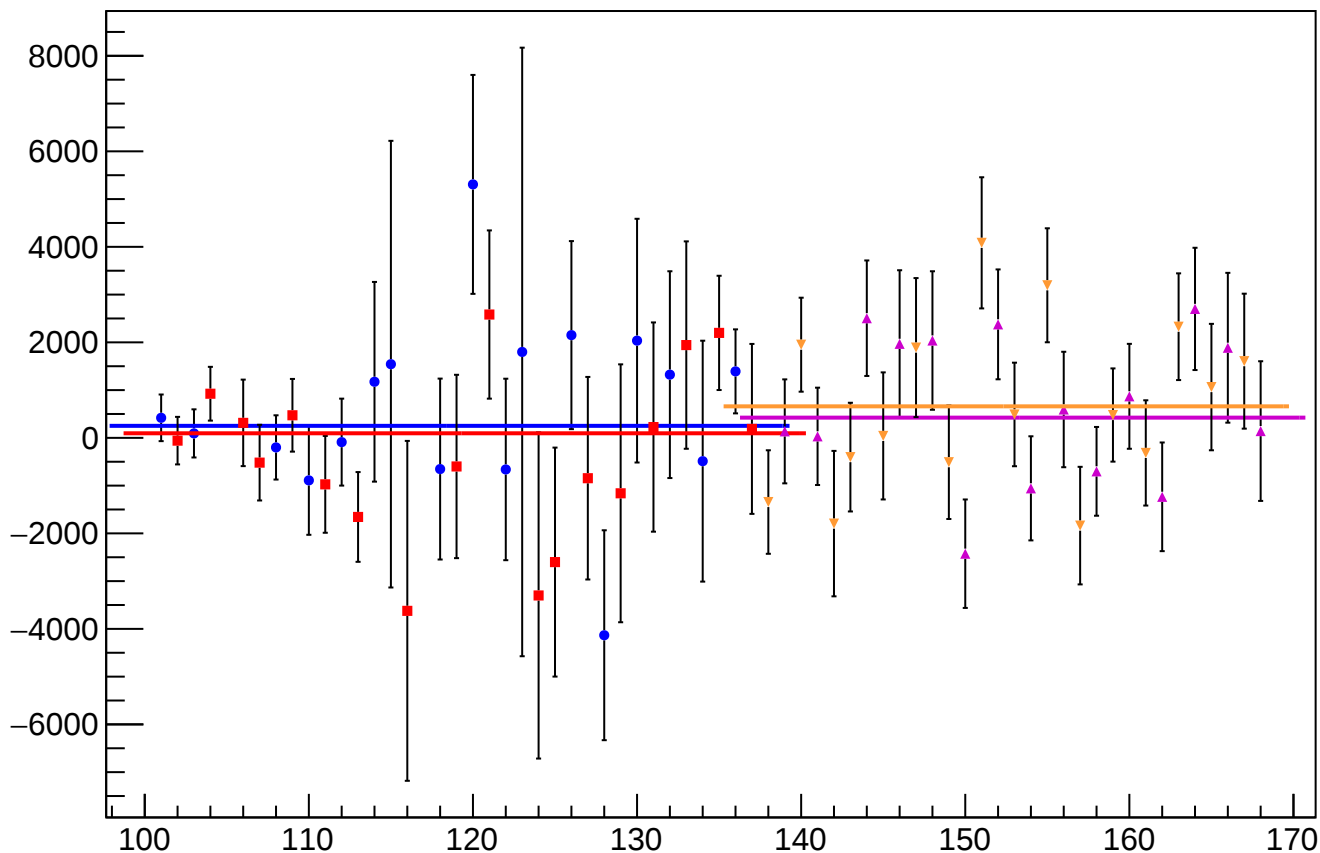
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 143.457+/-0.024 χ^2/NDF : 1891467.1/31

Out: 138.148+/-0.023 χ^2/NDF : 1881128.9/33

All: 140.662+/-0.017 χ^2/NDF : 3797837.0/65

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 659.960+/-297.218 χ^2/NDF : 29.0/15

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 423.446+/-305.894 χ^2/NDF : 24.3/14

Left: 545.105+/-213.166 χ^2/NDF : 53.6/30

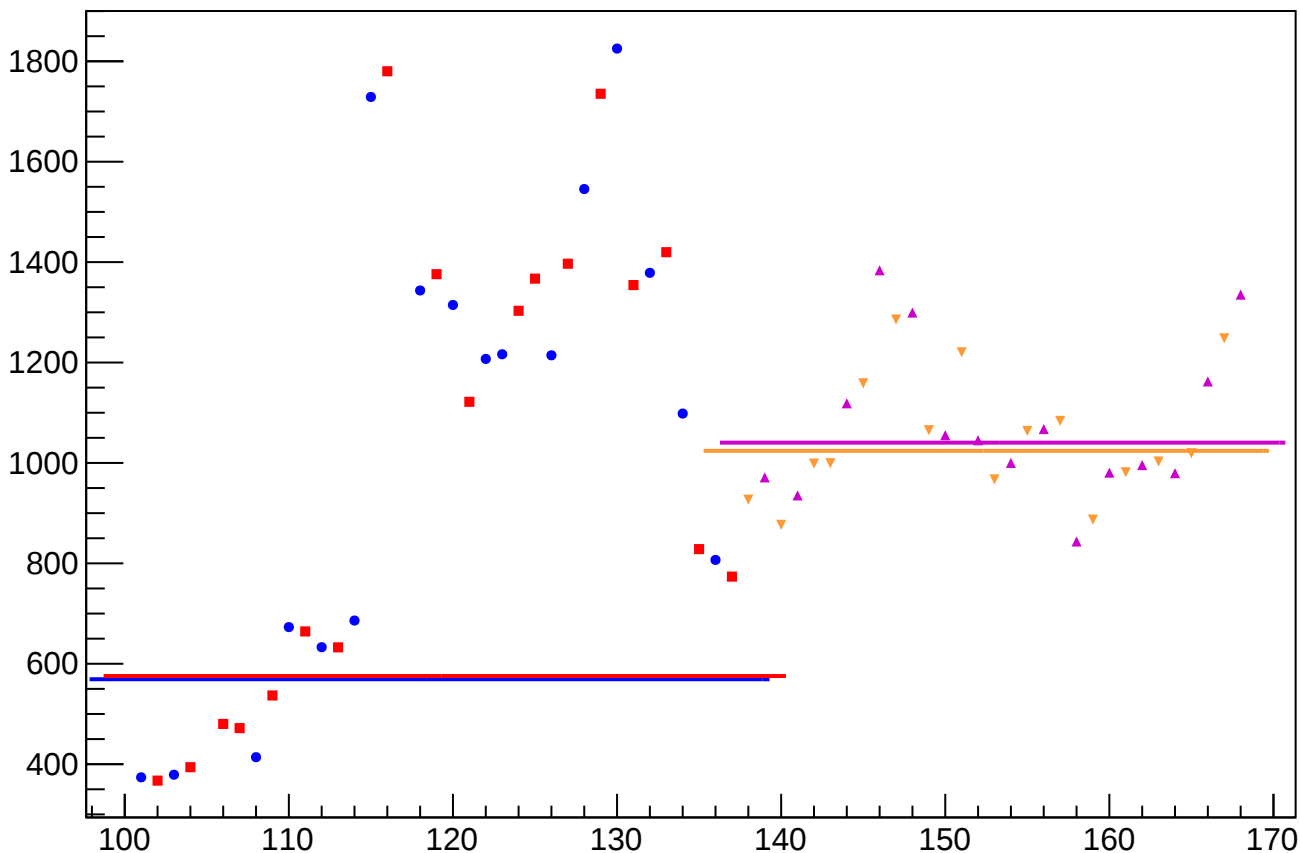
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 321.424+/-194.875 χ^2/NDF : 39.4/31

Out: 324.879+/-189.393 χ^2/NDF : 48.6/33

All: 323.201+/-135.818 χ^2/NDF : 87.9/65

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1024.102 $\pm$ 0.210 χ^2 /NDF: 296600.2/15

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1040.451 $\pm$ 0.216 χ^2 /NDF: 401603.4/14

Left: 1032.041 $\pm$ 0.151 χ^2 /NDF: 701142.4/30

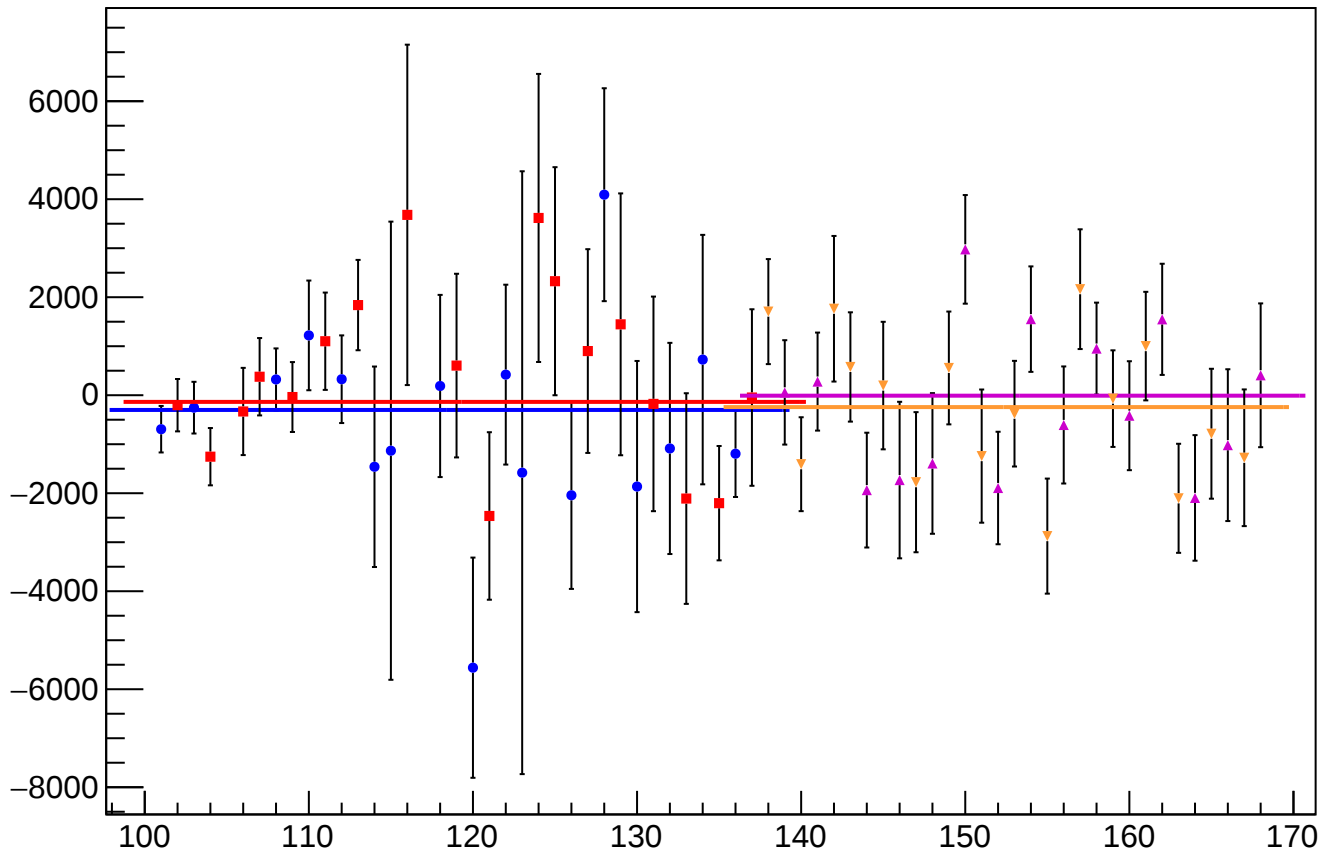
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 760.460 $\pm$ 0.138 χ^2 /NDF: 6488889.6/31

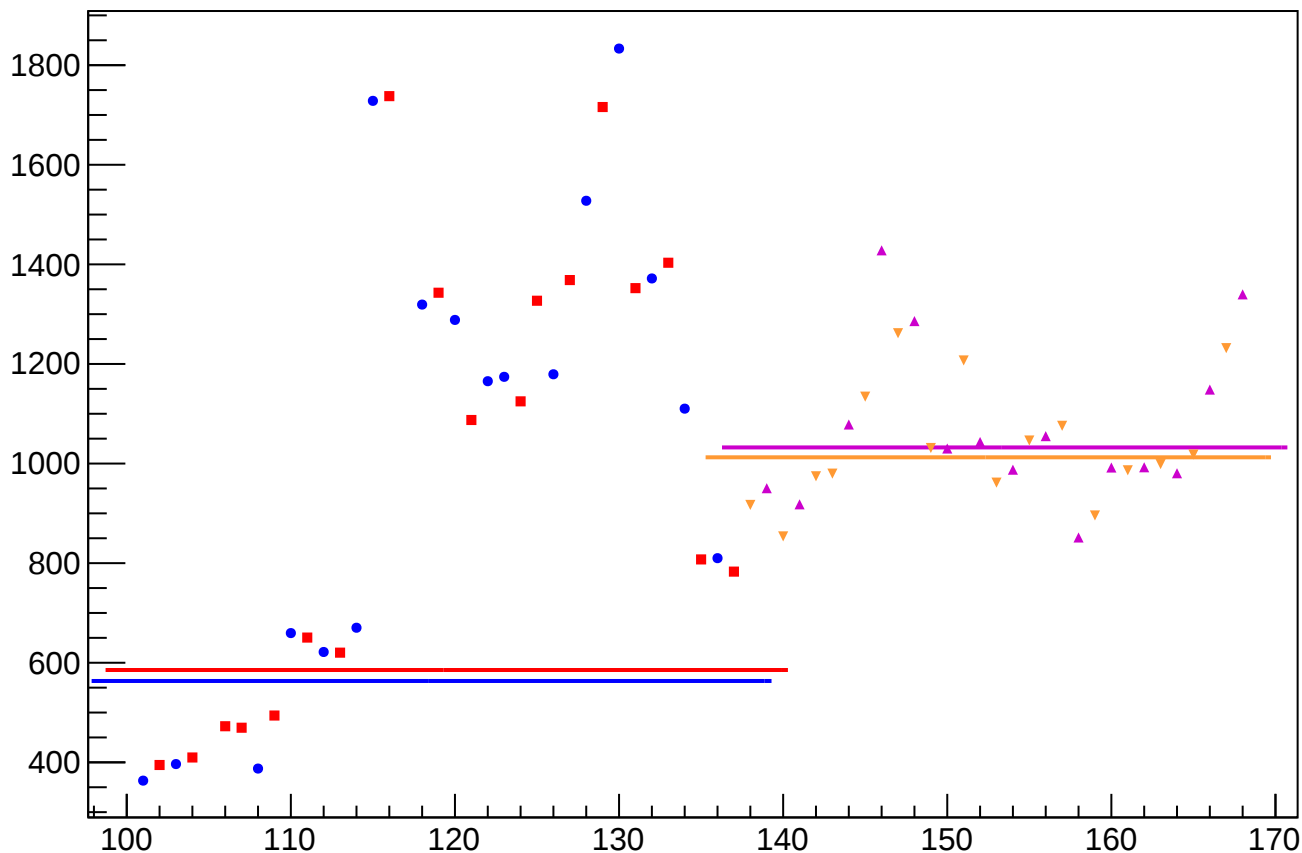
Out: 757.704 $\pm$ 0.134 χ^2 /NDF: 6060012.6/33

All: 759.042 $\pm$ 0.096 χ^2 /NDF: 12549107.9/65

asym_sam6_mean vs Slug, Sign Corrected



asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1012.541+/-0.208 χ^2/NDF : 284068.1/15

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1032.385+/-0.215 χ^2/NDF : 412409.3/14

Left: 1022.133+/-0.149 χ^2/NDF : 700887.3/30

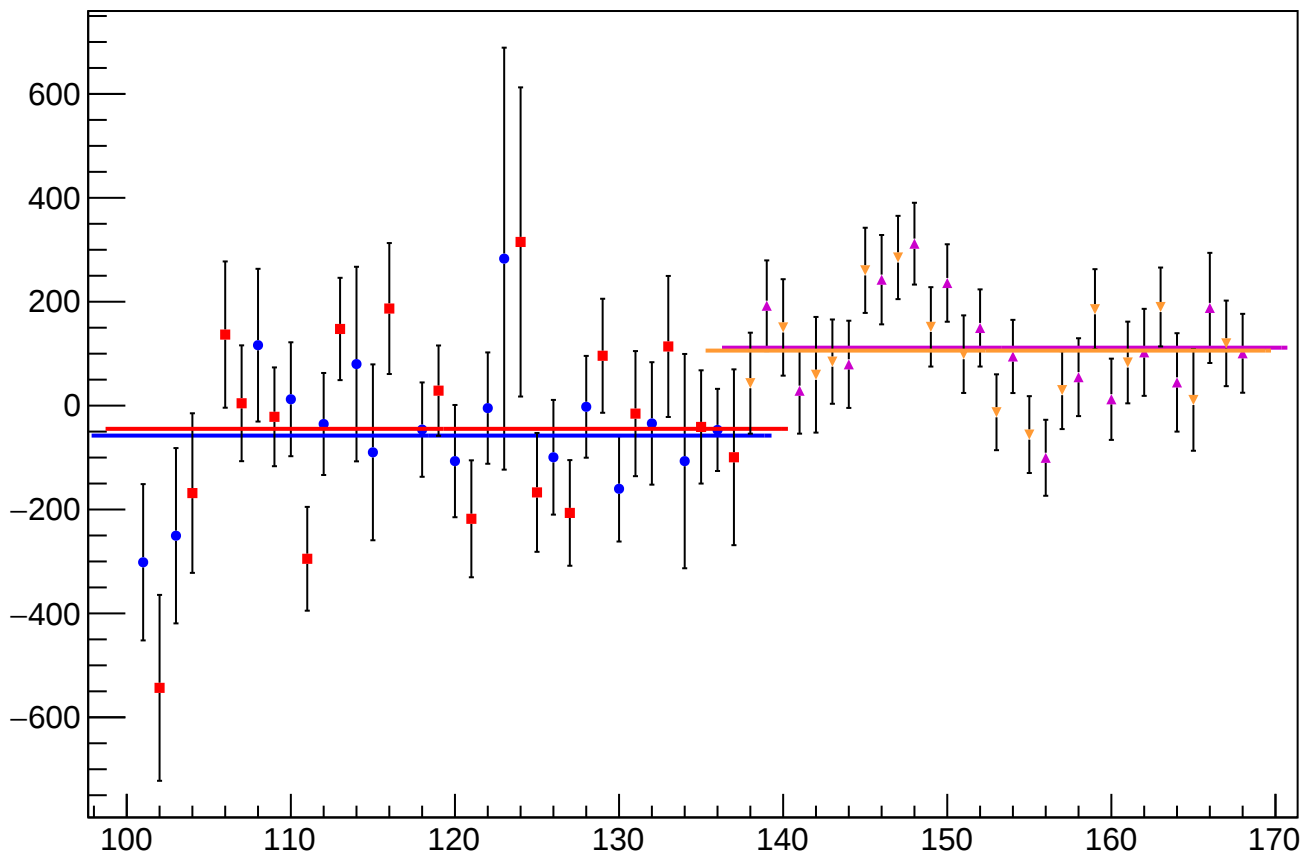
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 753.059+/-0.137 χ^2/NDF : 6511033.4/31

Out: 762.871+/-0.134 χ^2/NDF : 5572635.8/33

All: 758.062+/-0.096 χ^2/NDF : 12086300.7/65

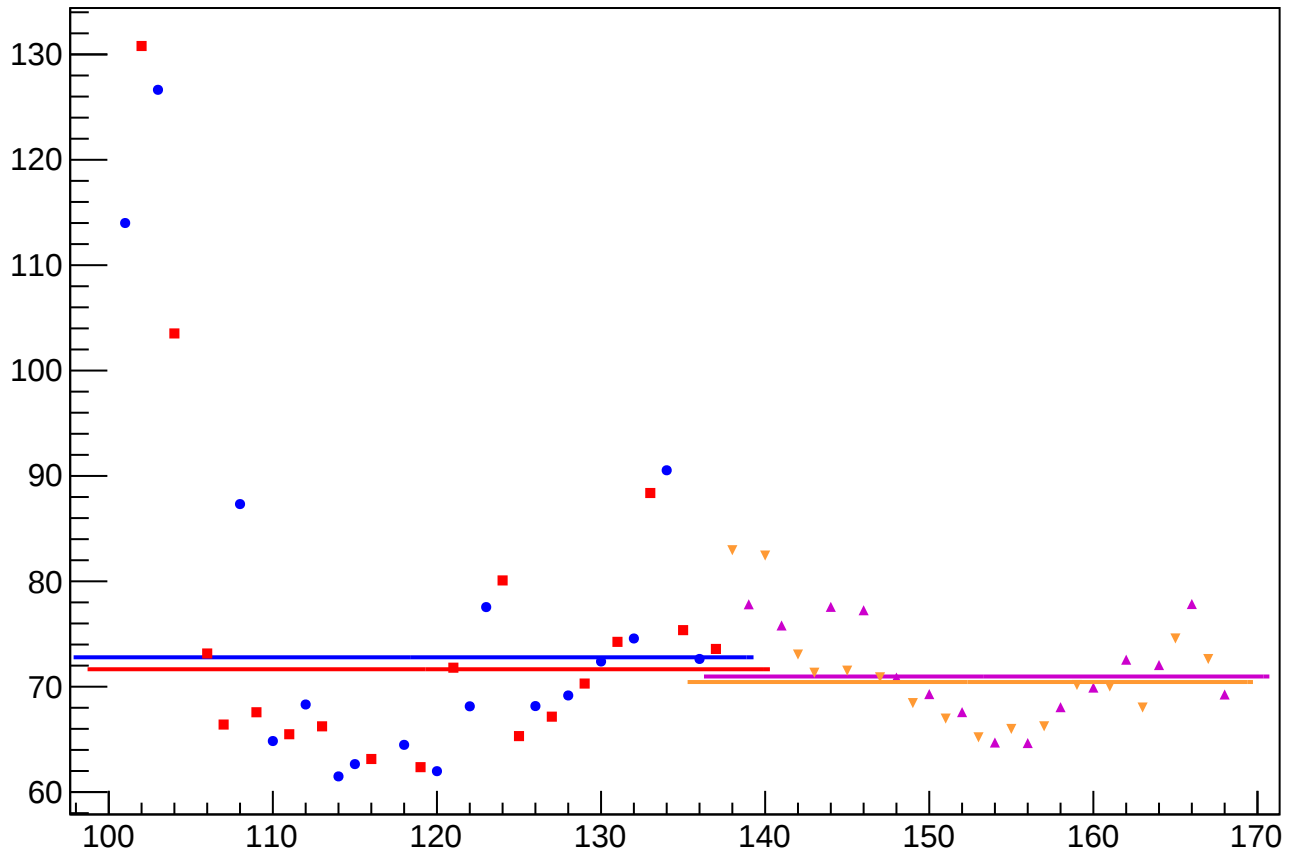
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 105.934 ± 20.360 $\chi^2/\text{NDF}: 21.6/15$
 Right Out: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$
 Left In: 111.537 ± 20.745 $\chi^2/\text{NDF}: 25.5/14$

Left: 108.683 ± 14.531 $\chi^2/\text{NDF}: 47.2/30$
 Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$
 In: 53.438 ± 16.812 $\chi^2/\text{NDF}: 57.5/31$
 Out: 53.129 ± 16.407 $\chi^2/\text{NDF}: 76.0/33$
 All: 53.280 ± 11.742 $\chi^2/\text{NDF}: 133.5/65$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.443 $\pm$ 0.014 χ^2 /NDF:104925.7/15

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 70.968 $\pm$ 0.015 χ^2 /NDF:91953.8/14

Left: 70.701 $\pm$ 0.010 χ^2 /NDF: 197531.3/30

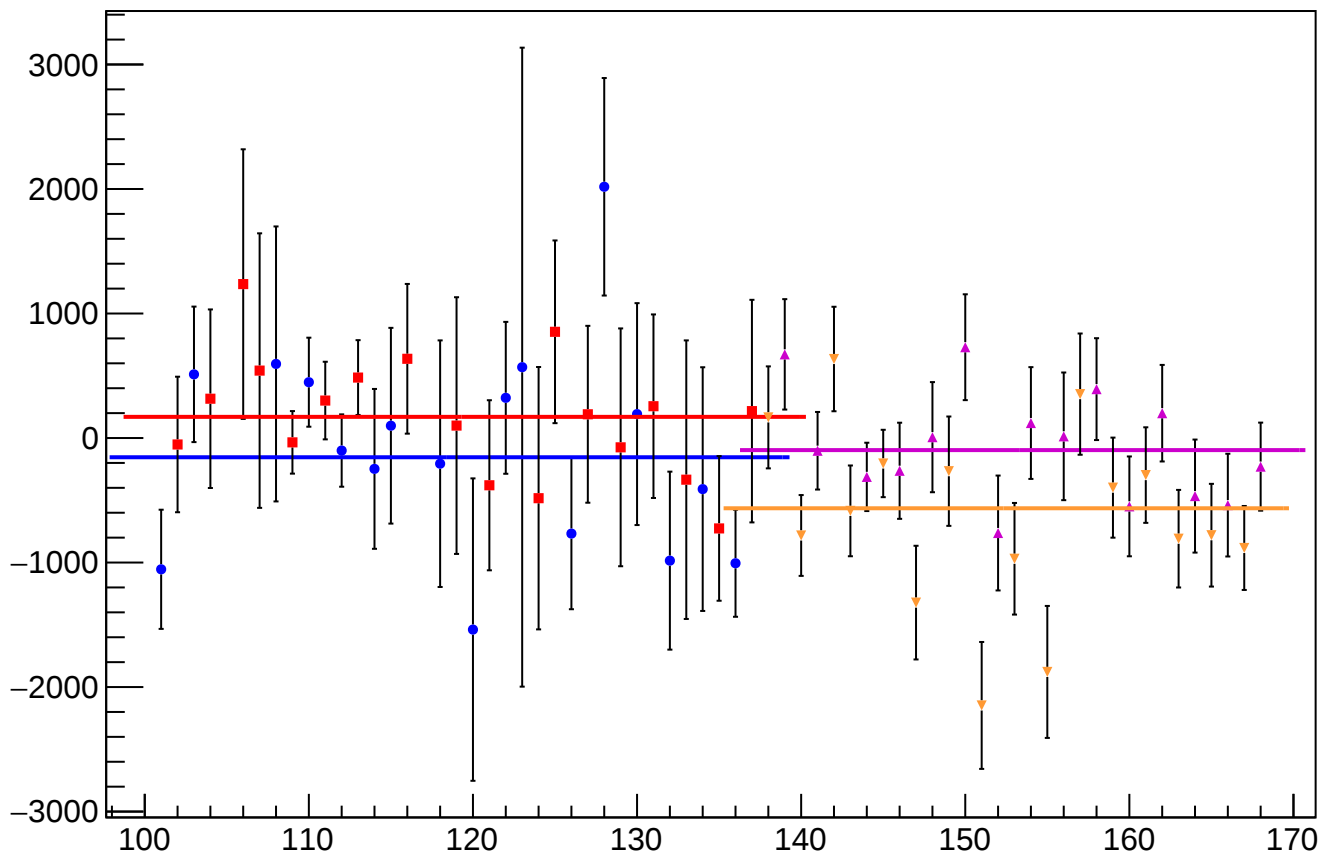
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 71.593 $\pm$ 0.012 χ^2 /NDF:562021.7/31

Out: 70.868 $\pm$ 0.012 χ^2 /NDF:511787.0/33

All: 71.222 $\pm$ 0.008 χ^2 /NDF: 1075715.1/65

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -564.139+/-98.492 χ^2/NDF : 39.2/15

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -96.993+/-101.495 χ^2/NDF : 15.2/14

Left: -337.580+/-70.682 χ^2/NDF : 65.3/30

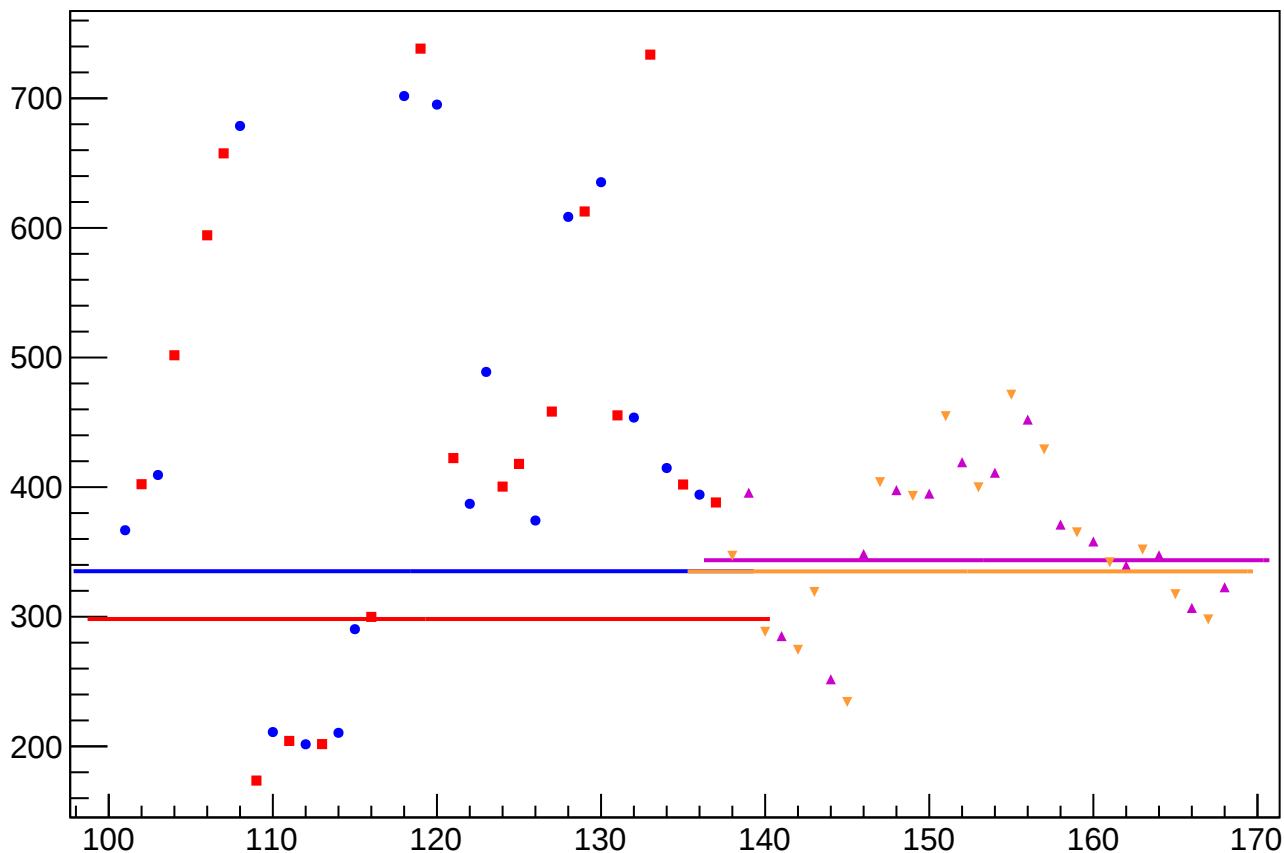
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -116.643+/-82.314 χ^2/NDF : 38.5/31

Out: -286.291+/-77.649 χ^2/NDF : 68.6/33

All: -206.410+/-56.483 χ^2/NDF : 109.4/65

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 335.003 $\pm$ 0.070 χ^2 /NDF: 849044.1/15

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 343.611 $\pm$ 0.072 χ^2 /NDF: 605426.3/14

Left: 339.178 $\pm$ 0.050 χ^2 /NDF: 1461878.7/30

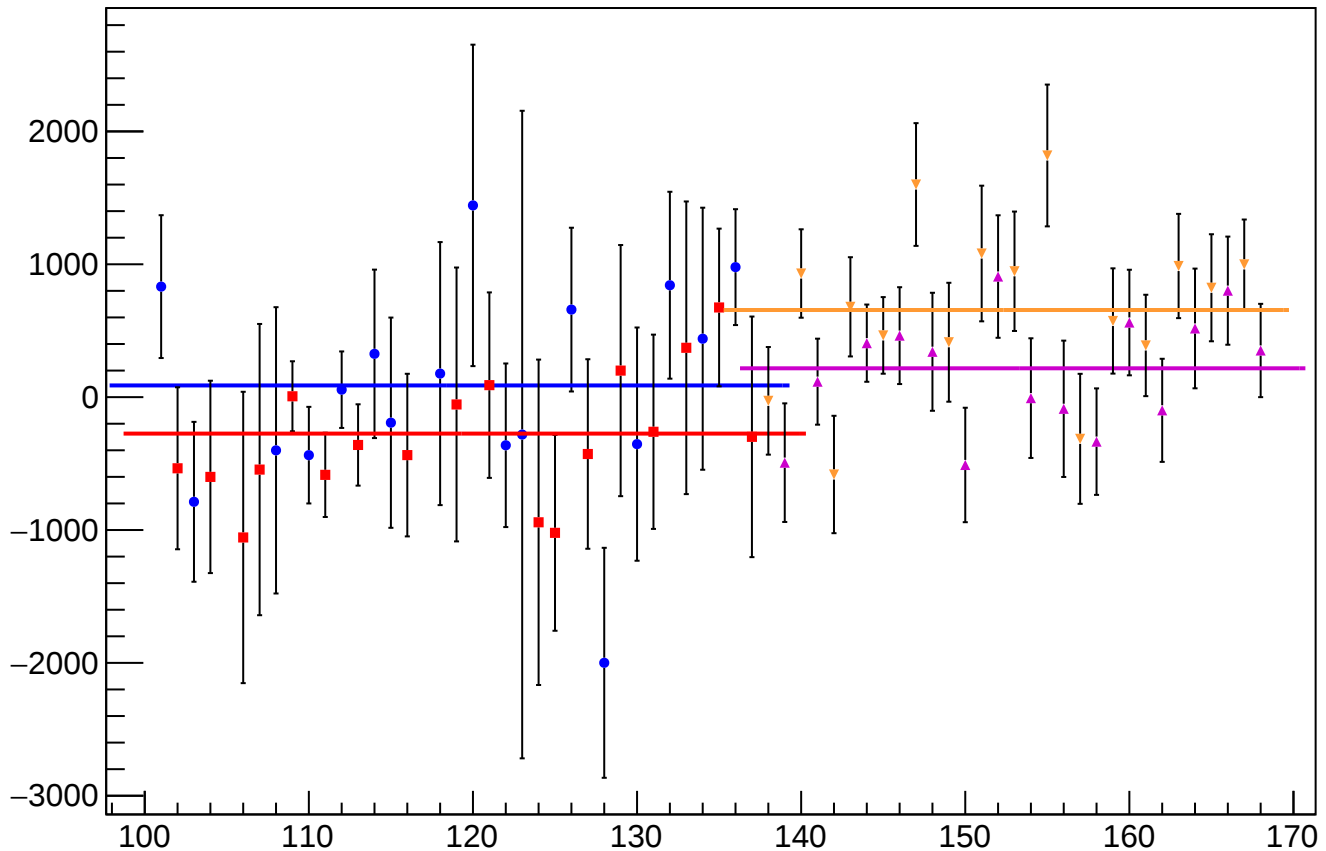
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 340.709 $\pm$ 0.058 χ^2 /NDF: 2604245.7/31

Out: 321.095 $\pm$ 0.055 χ^2 /NDF: 3730978.0/33

All: 330.331 $\pm$ 0.040 χ^2 /NDF: 6395314.5/65

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 655.892 $\pm$ 99.859 χ^2/NDF :28.5/15

Right Out: -274.340 $\pm$ 129.866 χ^2/NDF : 8.0/17

Left In: 217.076 $\pm$ 102.004 χ^2/NDF :15.2/14

Left: 441.145 $\pm$ 71.357 χ^2/NDF : 53.2/30

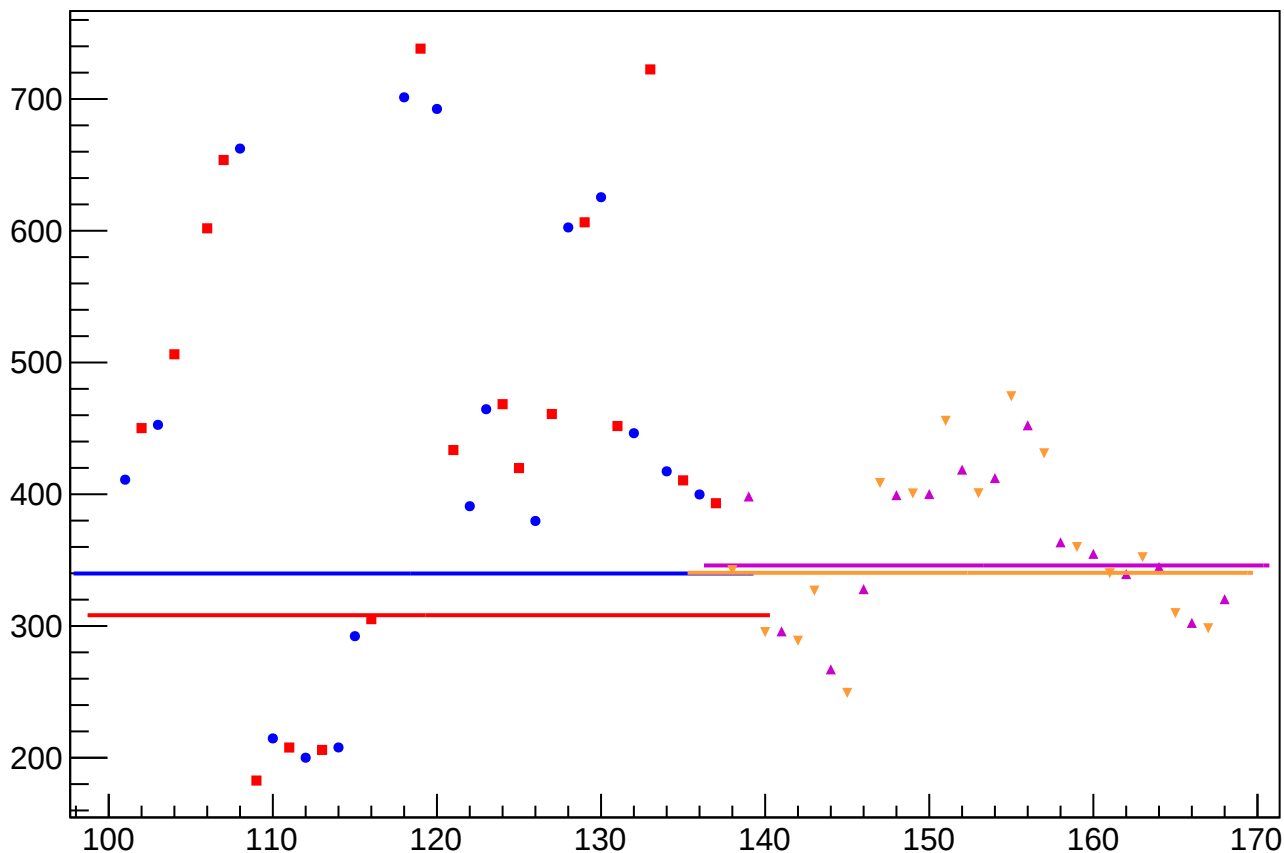
Right: -110.540 $\pm$ 96.143 χ^2/NDF : 32.4/34

In: 173.594 $\pm$ 83.045 χ^2/NDF :36.6/31

Out: 310.246 $\pm$ 79.162 χ^2/NDF :68.8/33

All: 245.190 $\pm$ 57.300 χ^2/NDF : 106.8/65

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 340.387 $\pm$ 0.071 χ^2 /NDF: 728395.8/15

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 345.954 $\pm$ 0.072 χ^2 /NDF: 506247.5/14

Left: 343.111 $\pm$ 0.050 χ^2 /NDF: 1237685.0/30

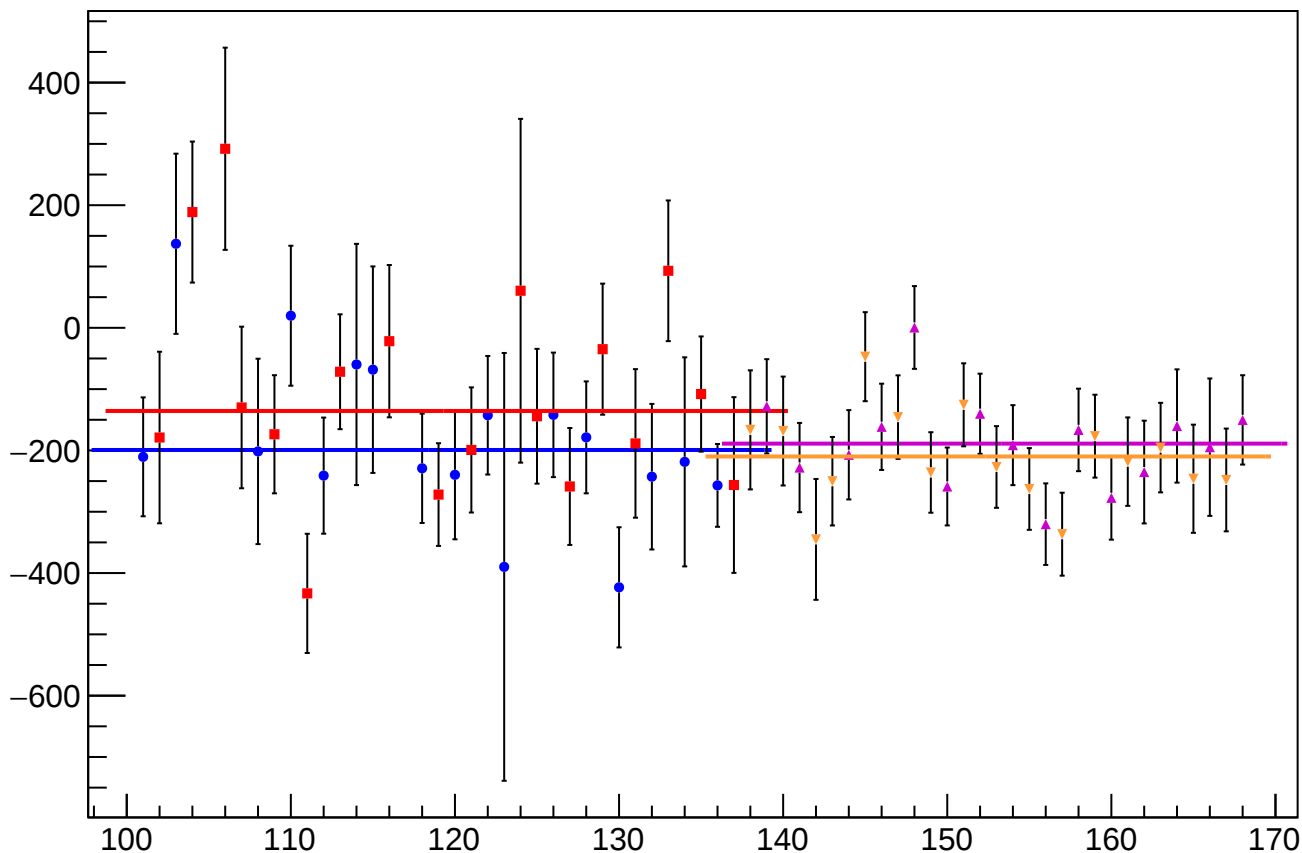
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 343.896 $\pm$ 0.059 χ^2 /NDF: 2552184.6/31

Out: 328.427 $\pm$ 0.056 χ^2 /NDF: 3504435.7/33

All: 335.791 $\pm$ 0.041 χ^2 /NDF: 6092977.0/65

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -209.855 ± 18.501 $\chi^2/\text{NDF}: 15.1/15$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -188.882 ± 18.656 $\chi^2/\text{NDF}: 17.1/14$

Left: -199.456 ± 13.137 $\chi^2/\text{NDF}: 32.9/30$

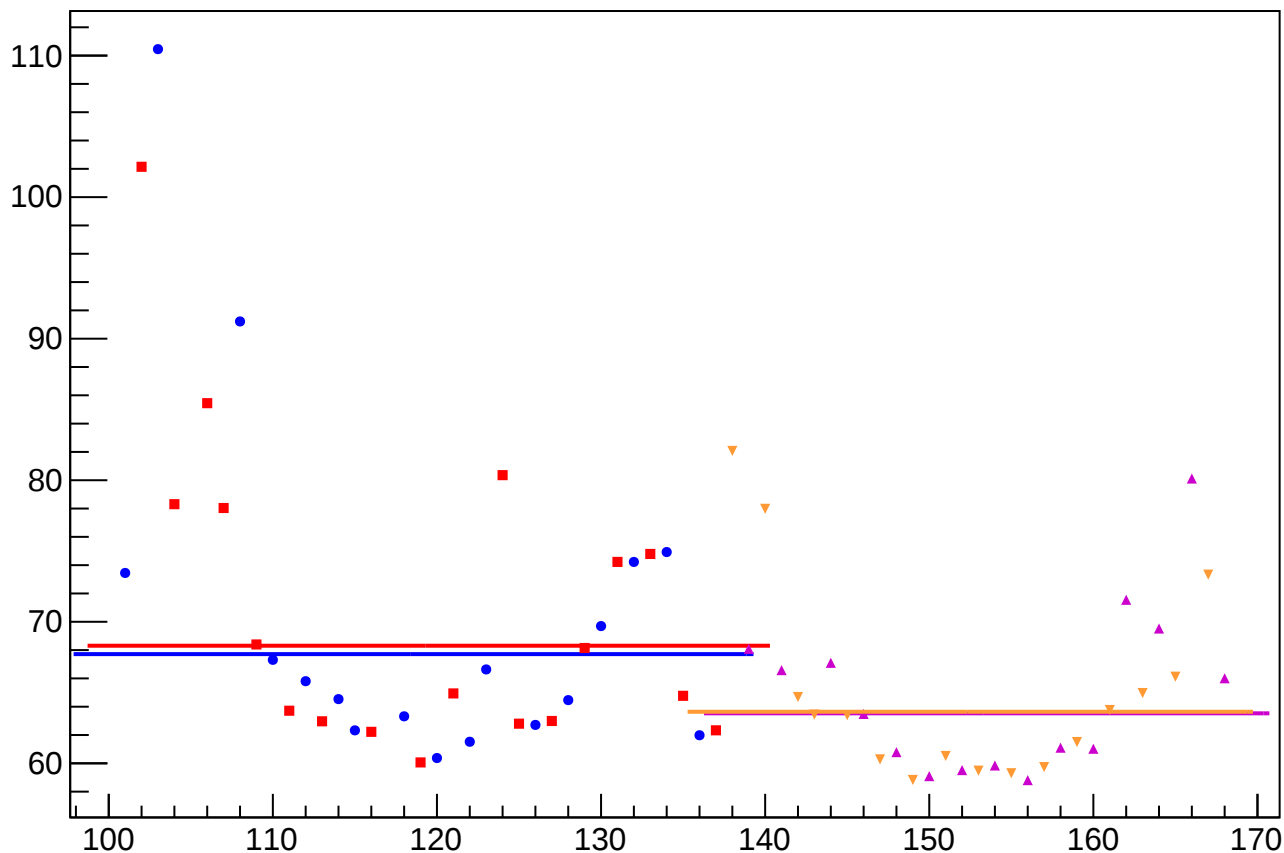
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -192.316 ± 15.258 $\chi^2/\text{NDF}: 34.9/31$

Out: -185.221 ± 15.123 $\chi^2/\text{NDF}: 57.1/33$

All: -188.737 ± 10.741 $\chi^2/\text{NDF}: 92.1/65$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 +/- 0.019 χ^2/NDF : 282892.5/16

Left Out: 63.644 +/- 0.013 χ^2/NDF : 198253.1/15

Right Out: 68.308 +/- 0.019 χ^2/NDF : 234314.0/17

Left In: 63.532 +/- 0.013 χ^2/NDF : 130516.2/14

Left: 63.588 +/- 0.009 χ^2/NDF : 328805.8/30

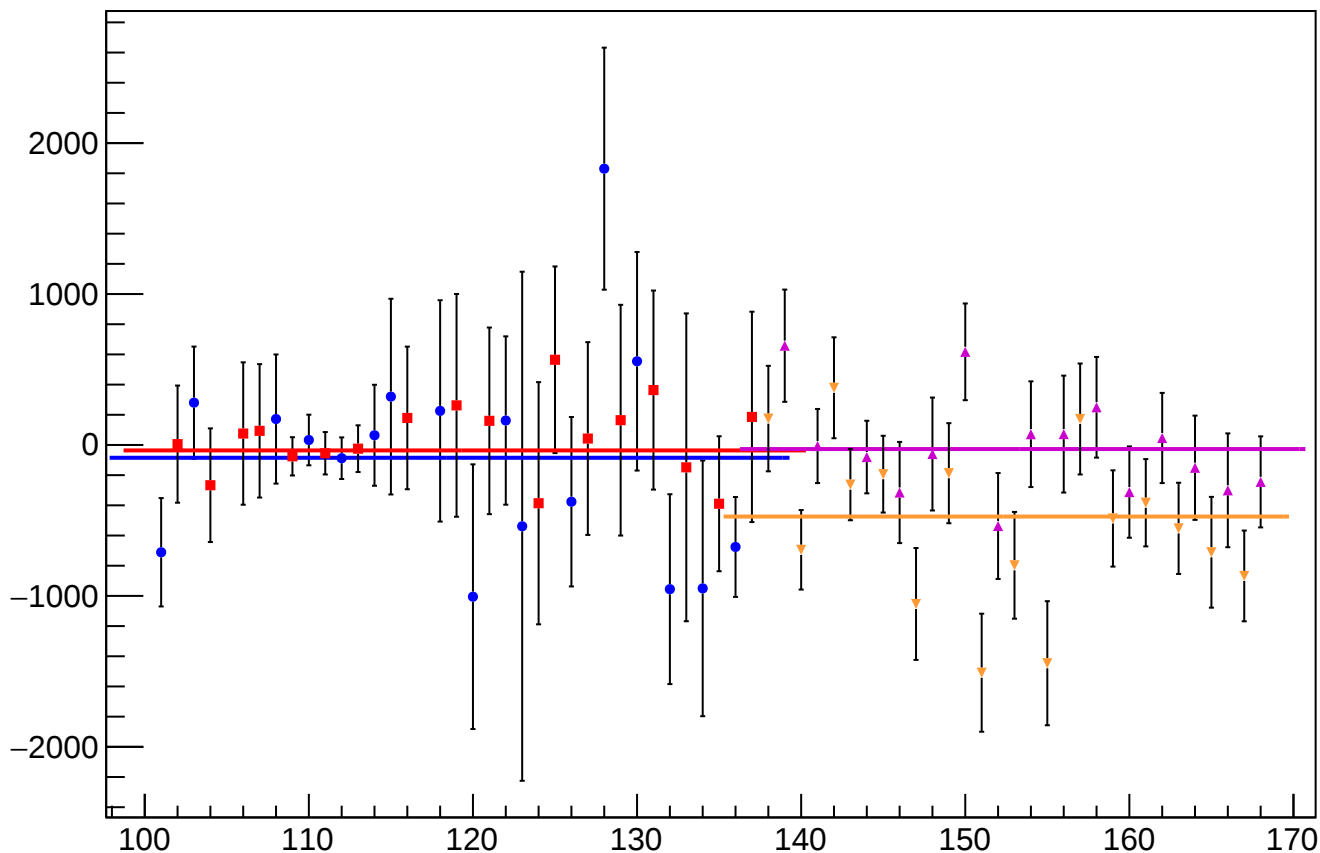
Right: 68.015 +/- 0.013 χ^2/NDF : 517711.7/34

In: 64.917 +/- 0.011 χ^2/NDF : 446711.1/31

Out: 65.192 +/- 0.011 χ^2/NDF : 474752.6/33

All: 65.056 +/- 0.008 χ^2/NDF : 921790.9/65

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -474.286 ± 78.965 χ^2/NDF : 34.7/15

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: -27.023 ± 82.377 χ^2/NDF : 13.3/14

Left: -260.110 ± 57.005 χ^2/NDF : 63.4/30

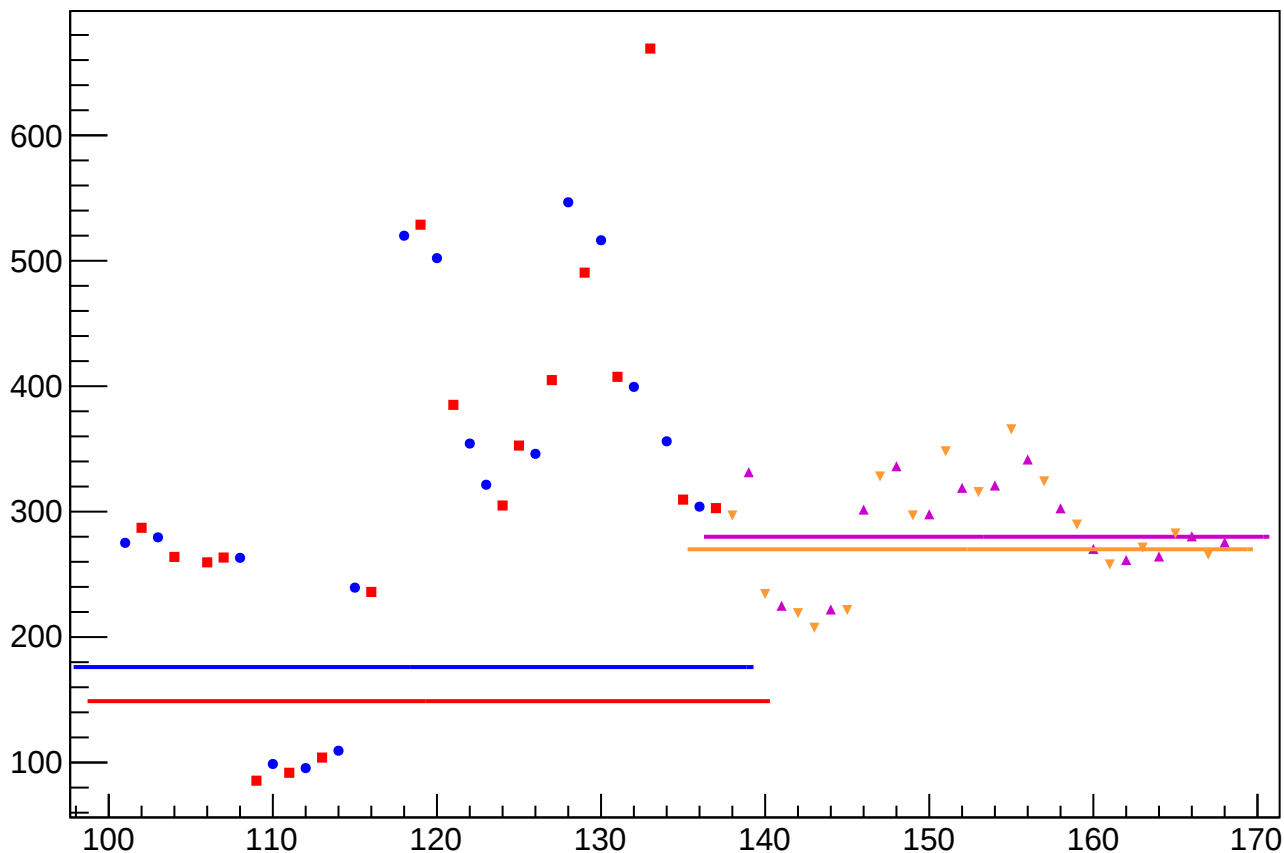
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: -55.789 ± 58.352 χ^2/NDF : 33.4/31

Out: -228.164 ± 52.276 χ^2/NDF : 55.4/33

All: -151.415 ± 38.936 χ^2/NDF : 93.7/65

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.993+/-0.056 χ^2/NDF : 648518.8/15

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 279.971+/-0.058 χ^2/NDF : 440916.1/14

Left: 274.771+/-0.040 χ^2/NDF : 1104726.0/30

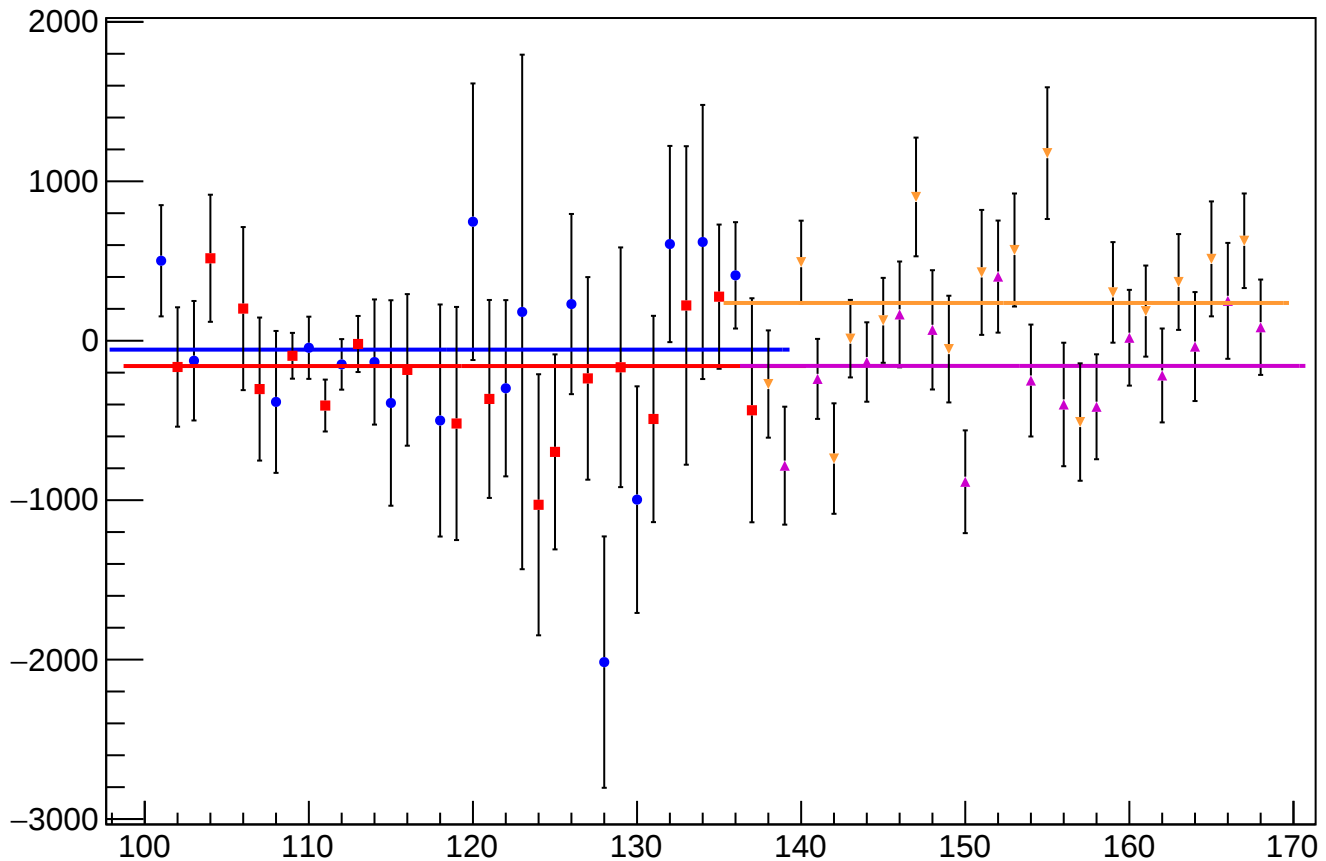
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 228.216+/-0.041 χ^2/NDF : 6249005.0/31

Out: 201.990+/-0.037 χ^2/NDF : 8060018.7/33

All: 213.667+/-0.028 χ^2/NDF : 14533152.4/65

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 237.002 ± 79.247 χ^2/NDF : 29.1/15

Right Out: -158.676 ± 77.072 χ^2/NDF : 10.4/17

Left In: -157.838 ± 82.425 χ^2/NDF : 15.4/14

Left: 47.339 ± 57.127 χ^2/NDF : 56.5/30

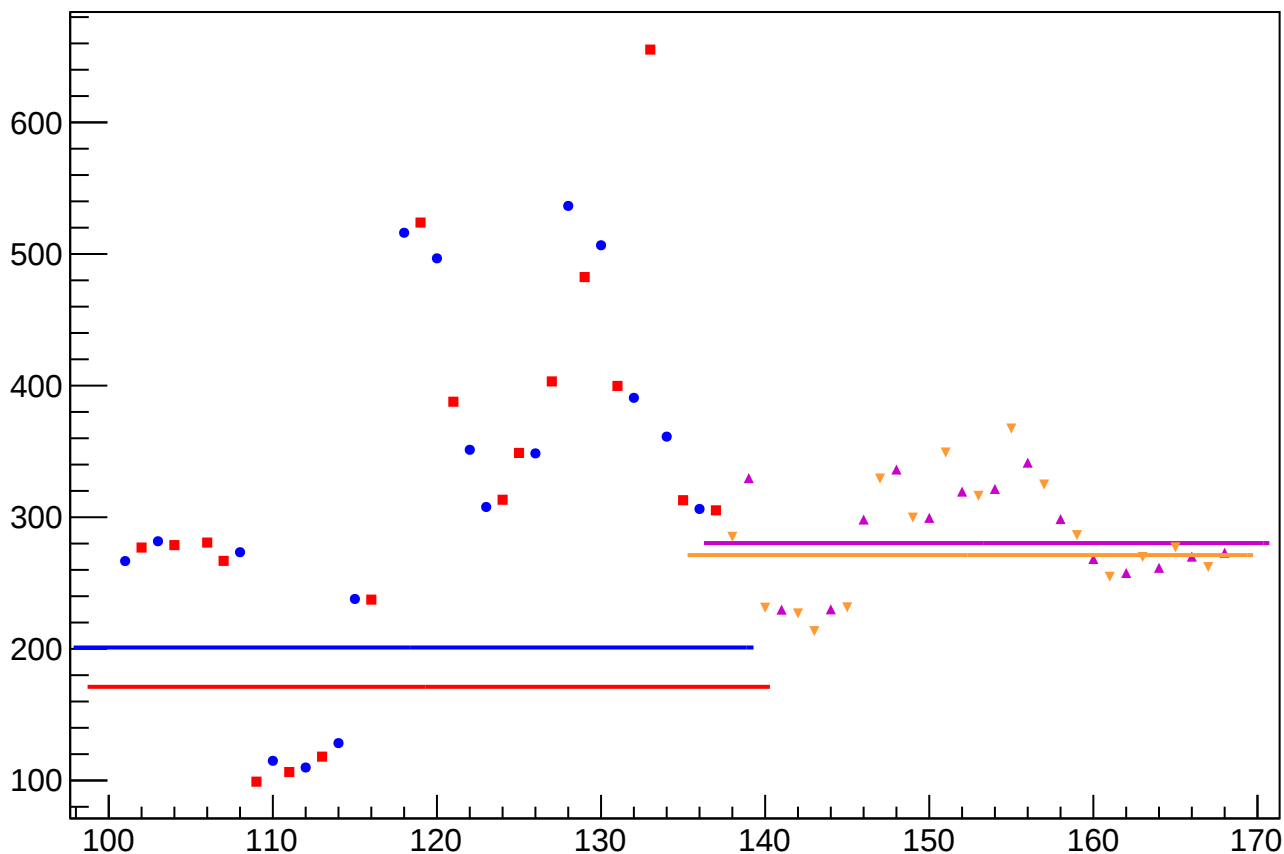
Right: -115.437 ± 58.697 χ^2/NDF : 28.3/34

In: -111.579 ± 60.960 χ^2/NDF : 33.2/31

Out: 33.659 ± 55.251 χ^2/NDF : 52.3/33

All: -31.842 ± 40.938 χ^2/NDF : 88.7/65

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 271.240+/-0.056 χ^2/NDF : 579768.3/15

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 280.399+/-0.058 χ^2/NDF : 388132.3/14

Left: 275.639+/-0.040 χ^2/NDF : 980732.6/30

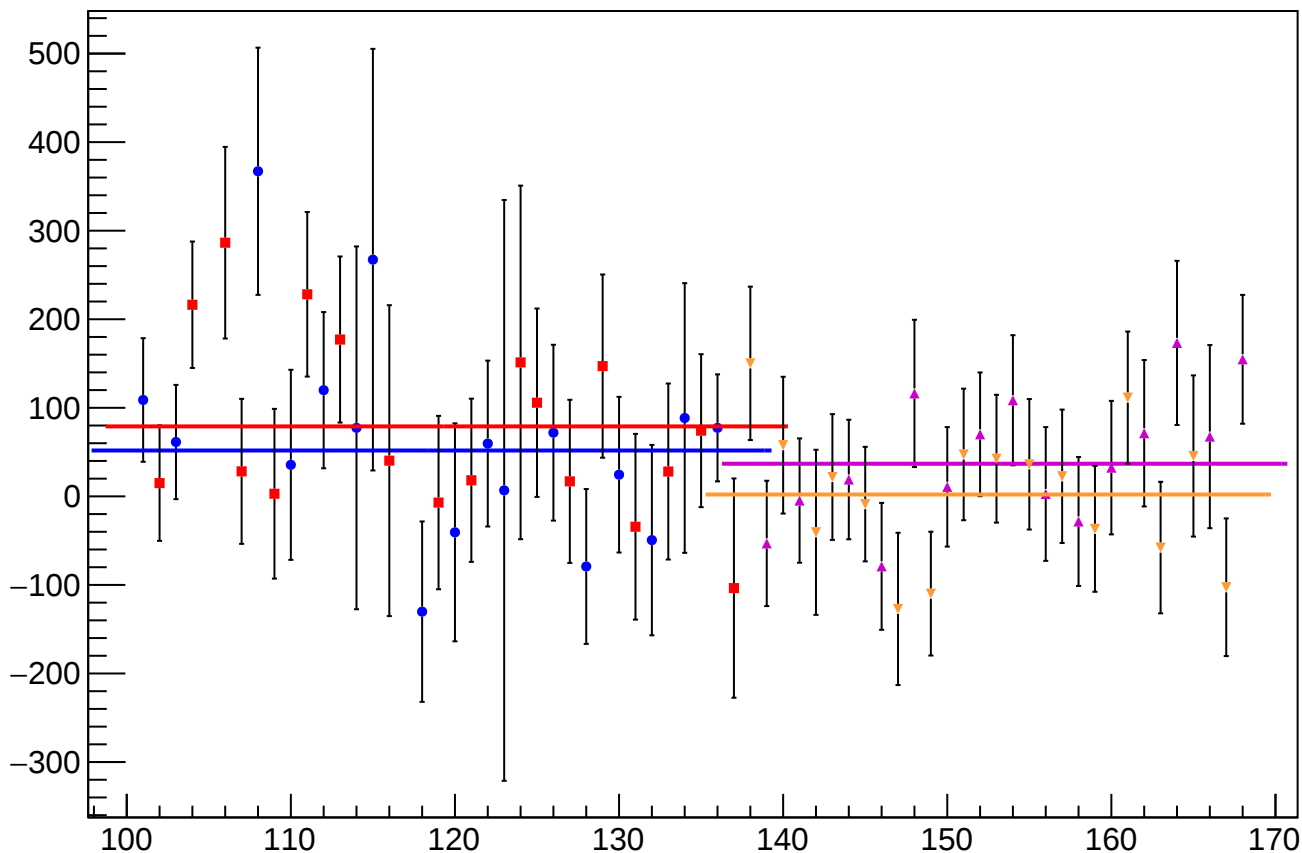
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 244.447+/-0.043 χ^2/NDF : 4661099.1/31

Out: 219.807+/-0.039 χ^2/NDF : 6284640.7/33

All: 230.919+/-0.029 χ^2/NDF : 11125124.0/65

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: 2.113 $\pm$ 18.992 χ^2 /NDF:14.7/15

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 36.838 $\pm$ 19.402 χ^2 /NDF:13.0/14

Left: 19.105 $\pm$ 13.572 χ^2 /NDF: 29.3/30

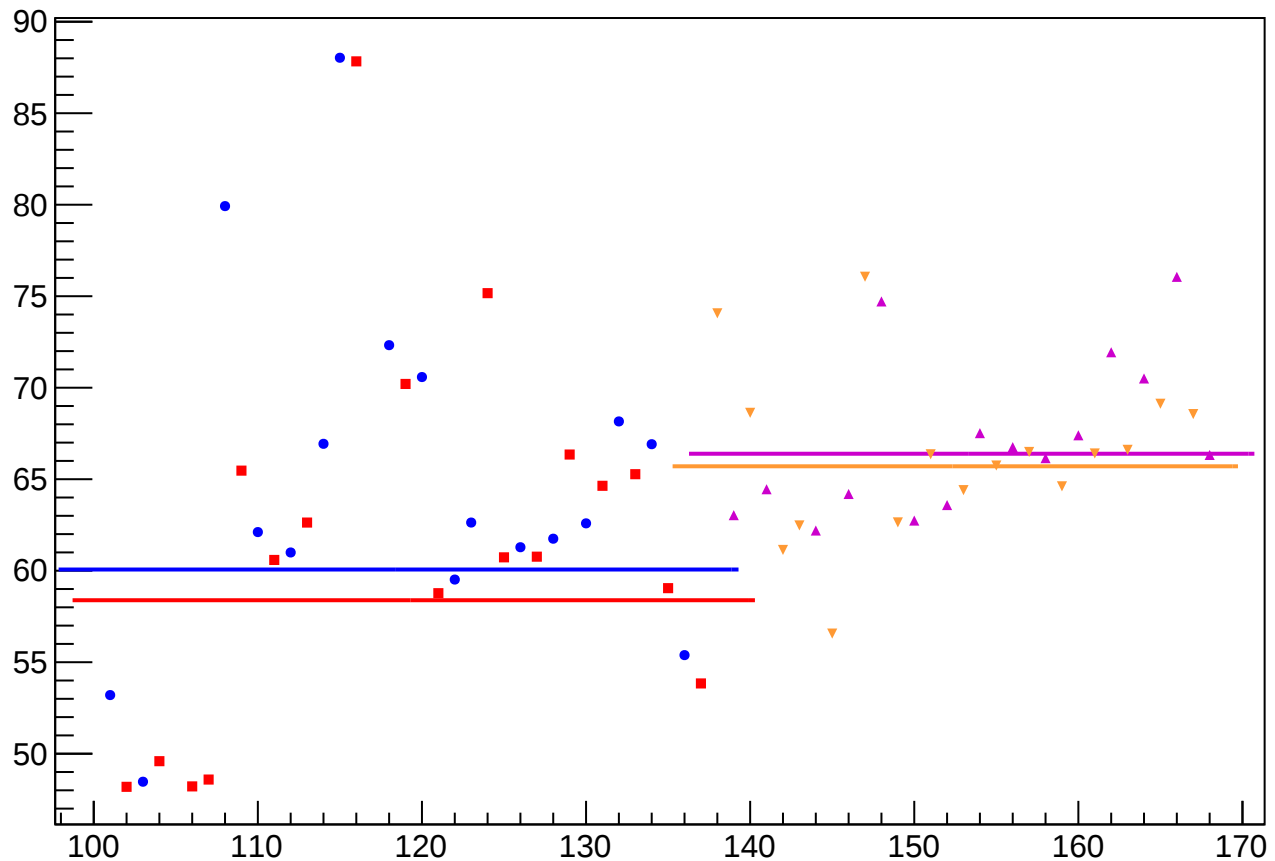
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 42.891 $\pm$ 14.972 χ^2 /NDF:27.7/31

Out: 34.107 $\pm$ 14.513 χ^2 /NDF:40.5/33

All: 38.362 $\pm$ 10.420 χ^2 /NDF: 68.4/65

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.706 $\pm$ 0.013 χ^2 /NDF: 110767.8/15

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 66.392 $\pm$ 0.014 χ^2 /NDF: 76083.1/14

Left: 66.042 $\pm$ 0.010 χ^2 /NDF: 188128.6/30

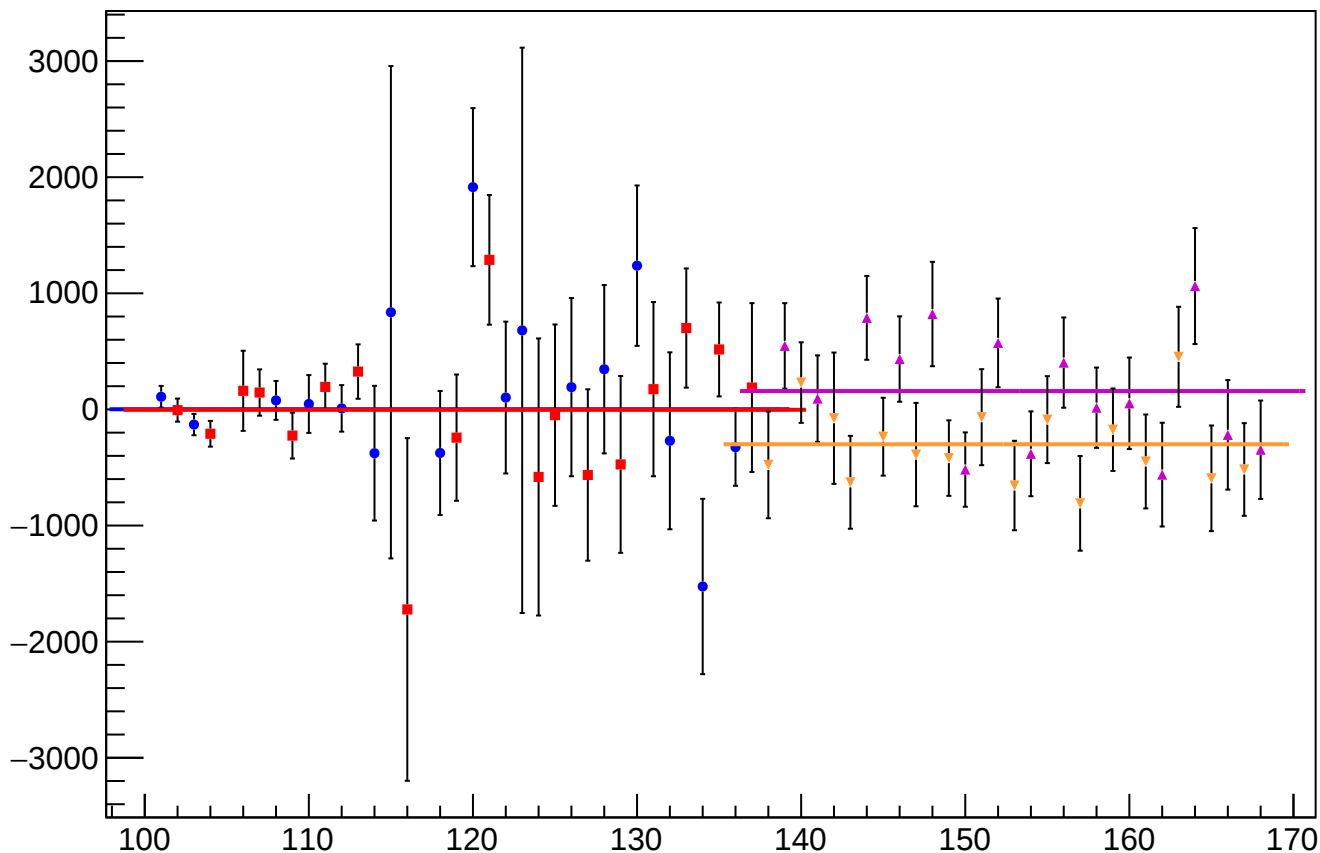
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 63.833 $\pm$ 0.011 χ^2 /NDF: 391219.1/31

Out: 62.661 $\pm$ 0.010 χ^2 /NDF: 509366.4/33

All: 63.228 $\pm$ 0.007 χ^2 /NDF: 906902.2/65

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -299.876+/-98.950 χ^2/NDF :10.6/15

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 158.286+/-100.398 χ^2/NDF :23.3/14

Left: -74.122+/-70.475 χ^2/NDF : 44.5/30

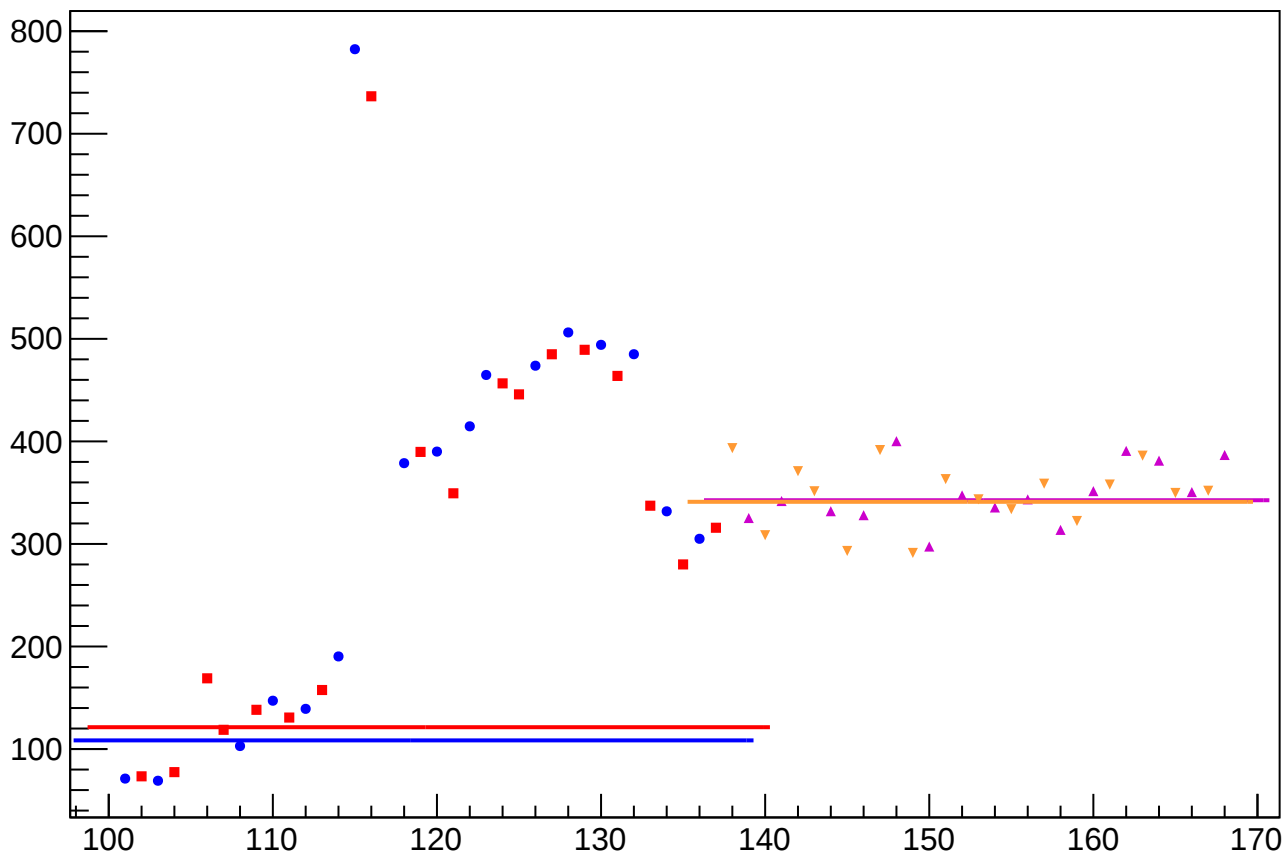
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 37.029+/-47.751 χ^2/NDF :46.6/31

Out: -76.393+/-49.138 χ^2/NDF :37.6/33

All: -18.059+/-34.245 χ^2/NDF : 87.0/65

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: 341.089 $\pm$ 0.070 χ^2 /NDF: 207344.3/15

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 342.626 $\pm$ 0.071 χ^2 /NDF: 155456.9/14

Left: 341.846 $\pm$ 0.050 χ^2 /NDF: 363038.7/30

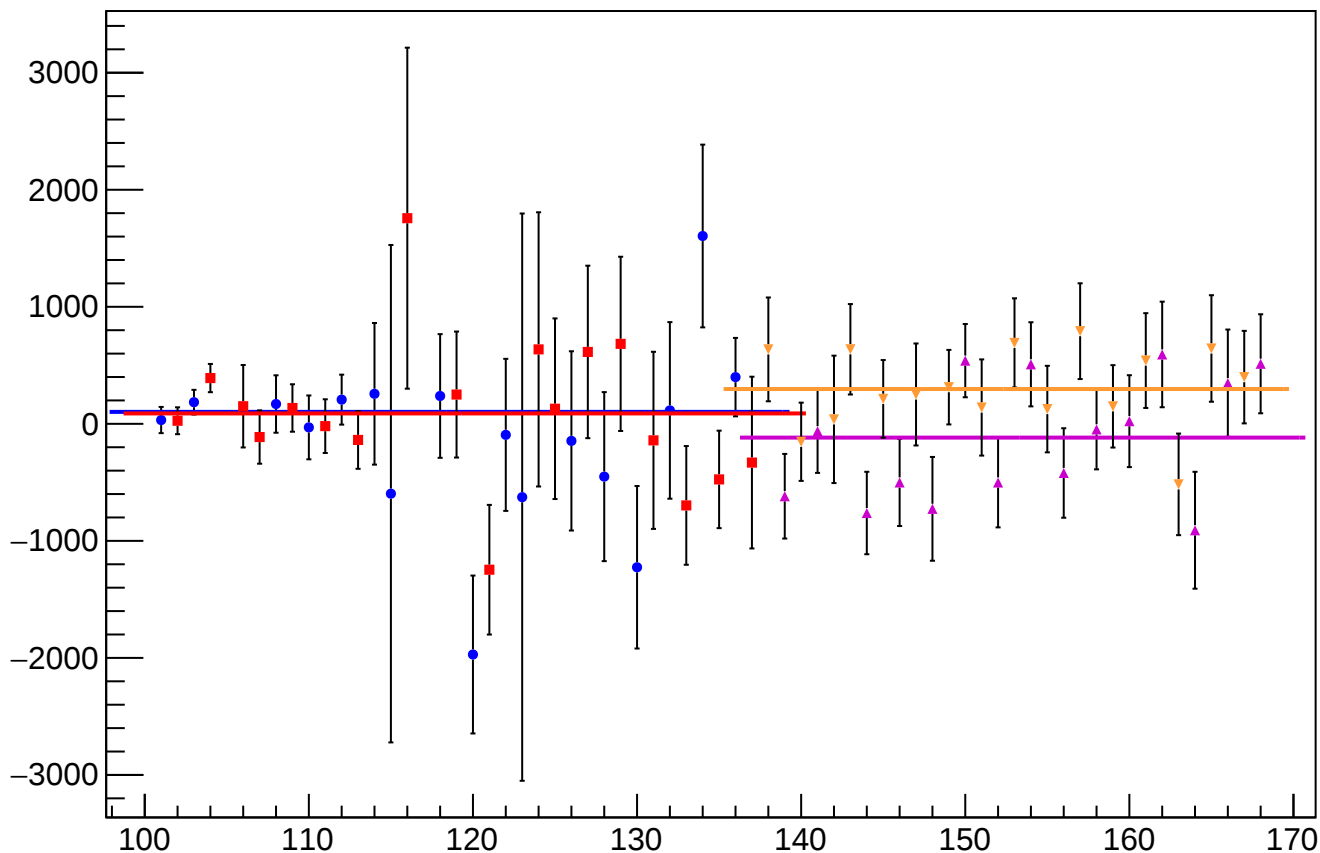
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 161.420 $\pm$ 0.034 χ^2 /NDF: 13979447.1/31

Out: 175.503 $\pm$ 0.035 χ^2 /NDF: 12372889.4/33

All: 168.260 $\pm$ 0.024 χ^2 /NDF: 26436833.4/65

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2/NDF : 20.3/16

Left Out: 297.395 $\pm$ 97.532 χ^2/NDF :11.1/15

Right Out: 88.841 $\pm$ 62.230 χ^2/NDF : 21.7/17

Left In: -117.668 $\pm$ 99.103 χ^2/NDF :25.7/14

Left: 93.179 $\pm$ 69.514 χ^2/NDF : 45.7/30

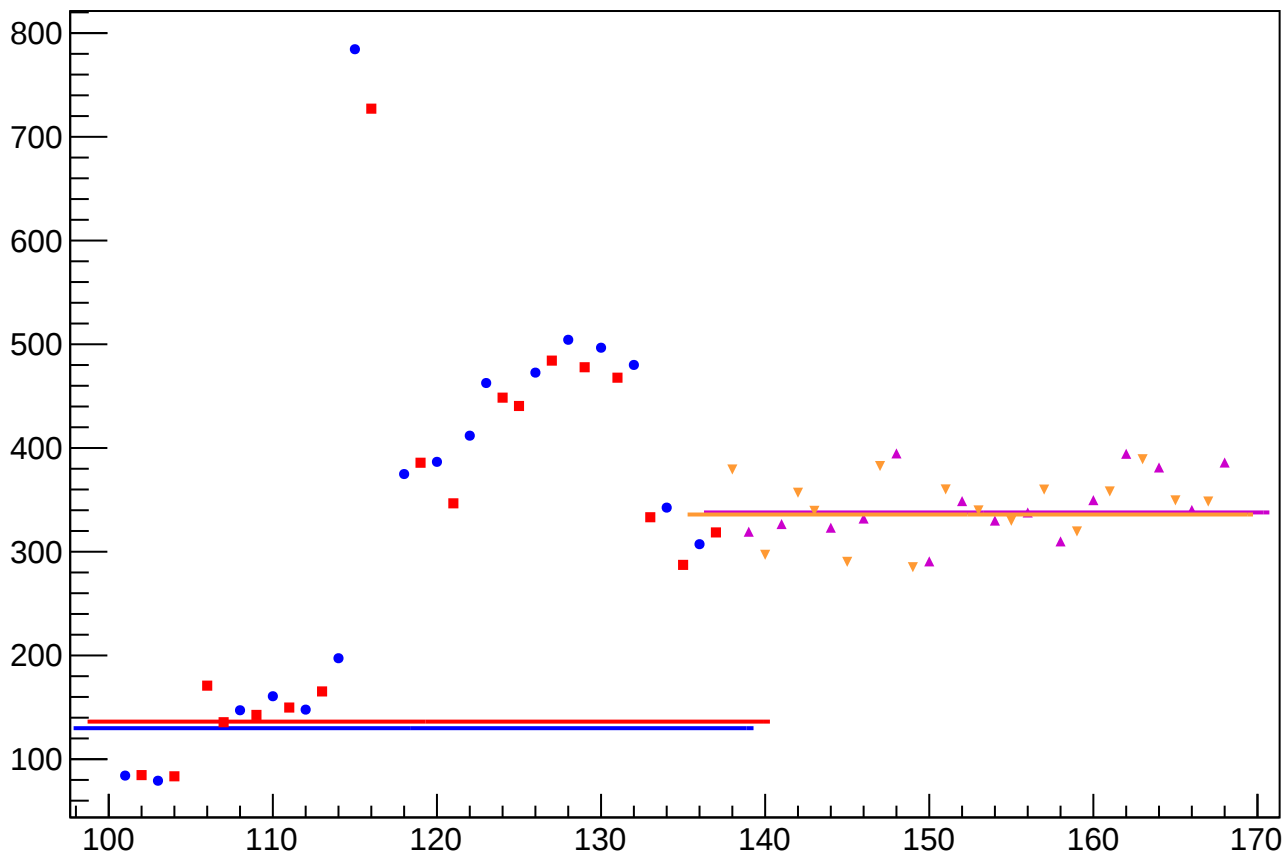
Right: 95.435 $\pm$ 44.317 χ^2/NDF : 42.0/34

In: 38.753 $\pm$ 53.243 χ^2/NDF :49.5/31

Out: 149.180 $\pm$ 52.461 χ^2/NDF :36.1/33

All: 94.783 $\pm$ 37.369 χ^2/NDF : 87.7/65

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 335.886 $\pm$ 0.069 χ^2 /NDF: 219886.7/15

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 337.881 $\pm$ 0.070 χ^2 /NDF: 179795.8/14

Left: 336.867 $\pm$ 0.049 χ^2 /NDF: 400094.2/30

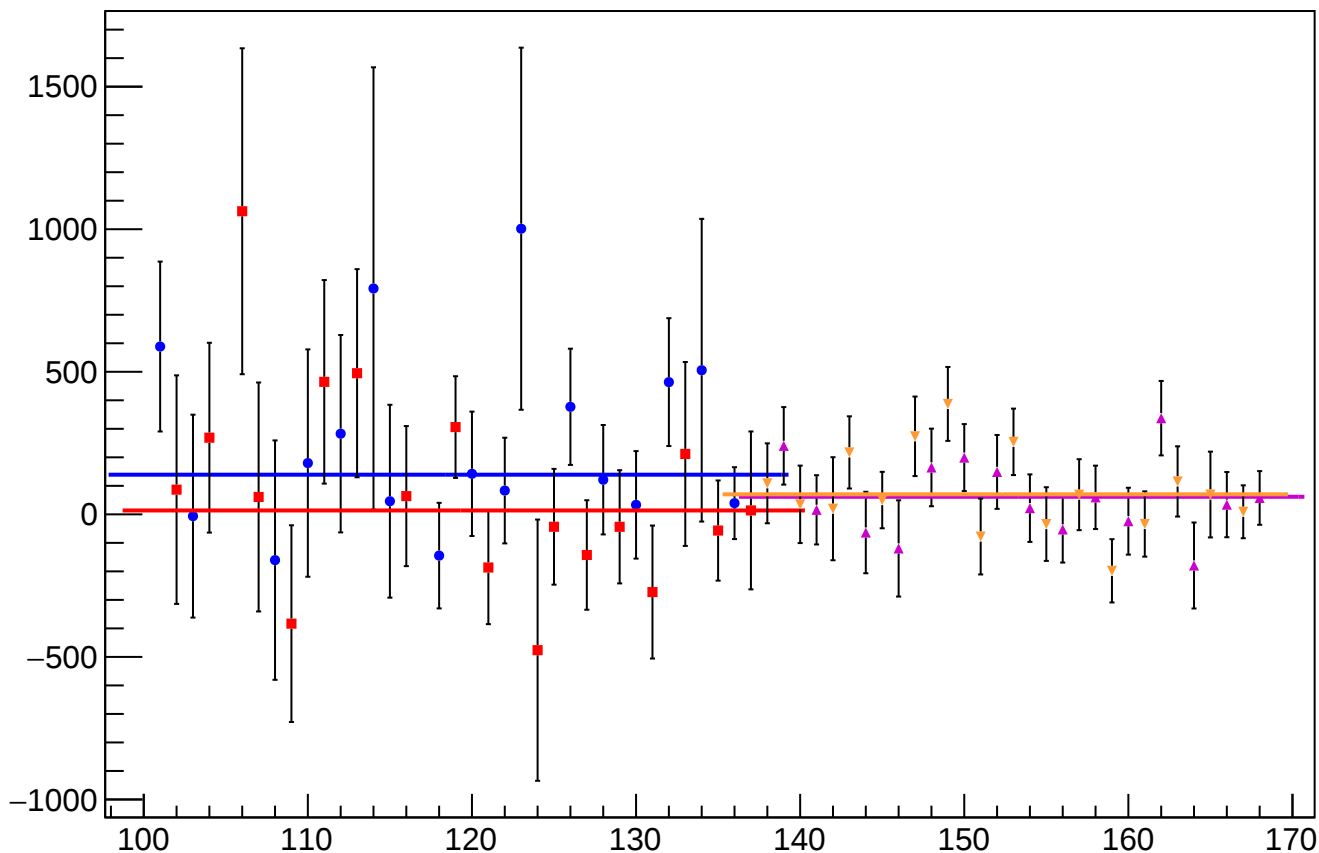
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 189.920 $\pm$ 0.038 χ^2 /NDF: 11276353.2/31

Out: 193.991 $\pm$ 0.037 χ^2 /NDF: 10459229.2/33

All: 191.986 $\pm$ 0.026 χ^2 /NDF: 21741516.9/65

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: 70.194 $\pm$ 30.865 χ^2 /NDF:21.3/15

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 61.694 $\pm$ 31.896 χ^2 /NDF:14.9/14

Left: 66.084 $\pm$ 22.180 χ^2 /NDF: 36.3/30

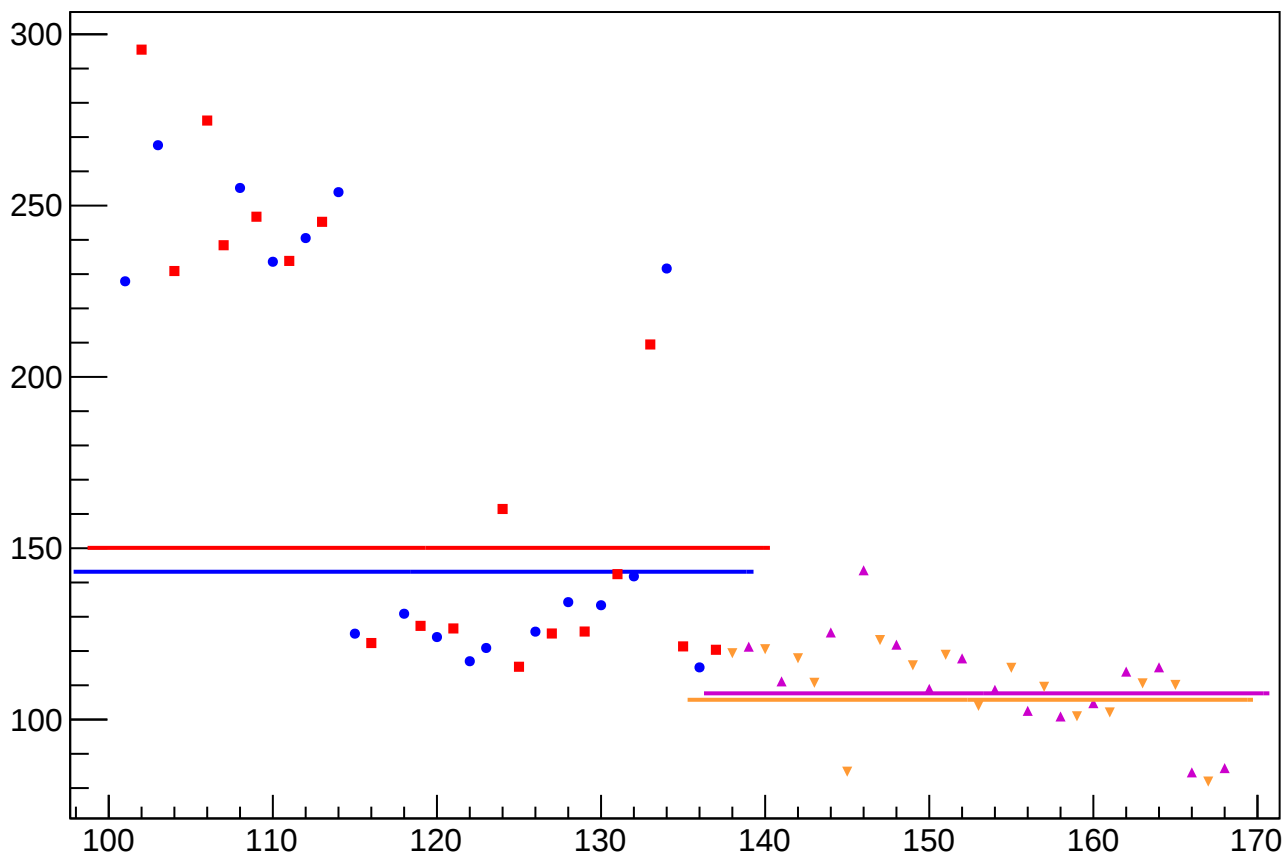
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 79.675 $\pm$ 27.947 χ^2 /NDF:29.3/31

Out: 58.399 $\pm$ 27.459 χ^2 /NDF:38.5/33

All: 68.850 $\pm$ 19.586 χ^2 /NDF: 68.1/65

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 105.769 $\pm$ 0.022 χ^2 /NDF: 362914.8/15

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 107.650 $\pm$ 0.023 χ^2 /NDF: 388775.7/14

Left: 106.679 $\pm$ 0.016 χ^2 /NDF: 755281.6/30

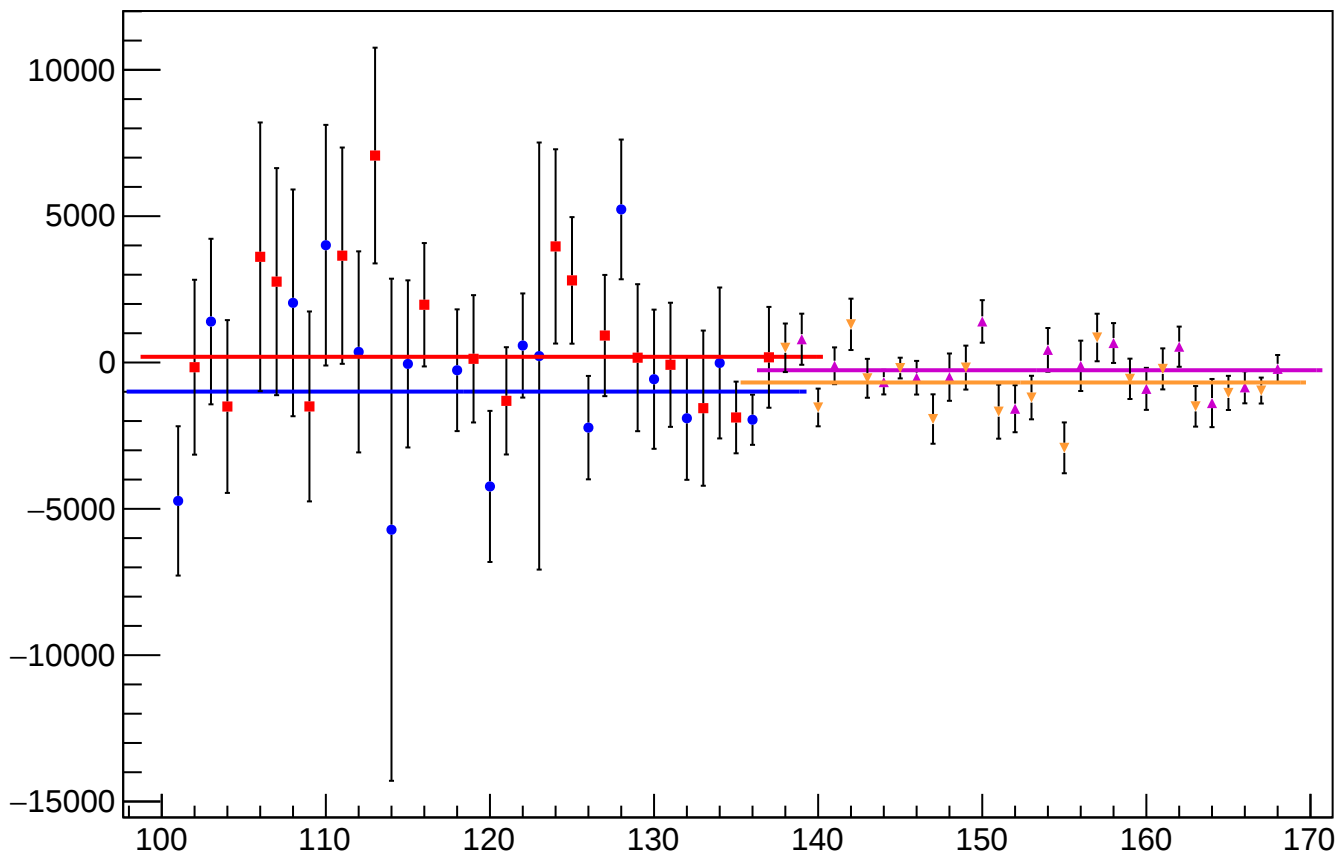
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 115.895 $\pm$ 0.020 χ^2 /NDF: 2065263.2/31

Out: 115.016 $\pm$ 0.019 χ^2 /NDF: 2556485.7/33

All: 115.448 $\pm$ 0.014 χ^2 /NDF: 4622754.2/65

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 ± 516.463 $\chi^2/\text{NDF}: 16.9/16$

Left Out: -682.592 ± 160.810 $\chi^2/\text{NDF}: 28.0/15$

Right Out: 195.049 ± 543.821 $\chi^2/\text{NDF}: 13.5/17$

Left In: -264.158 ± 166.372 $\chi^2/\text{NDF}: 18.6/14$

Left: -480.486 ± 115.626 $\chi^2/\text{NDF}: 49.9/30$

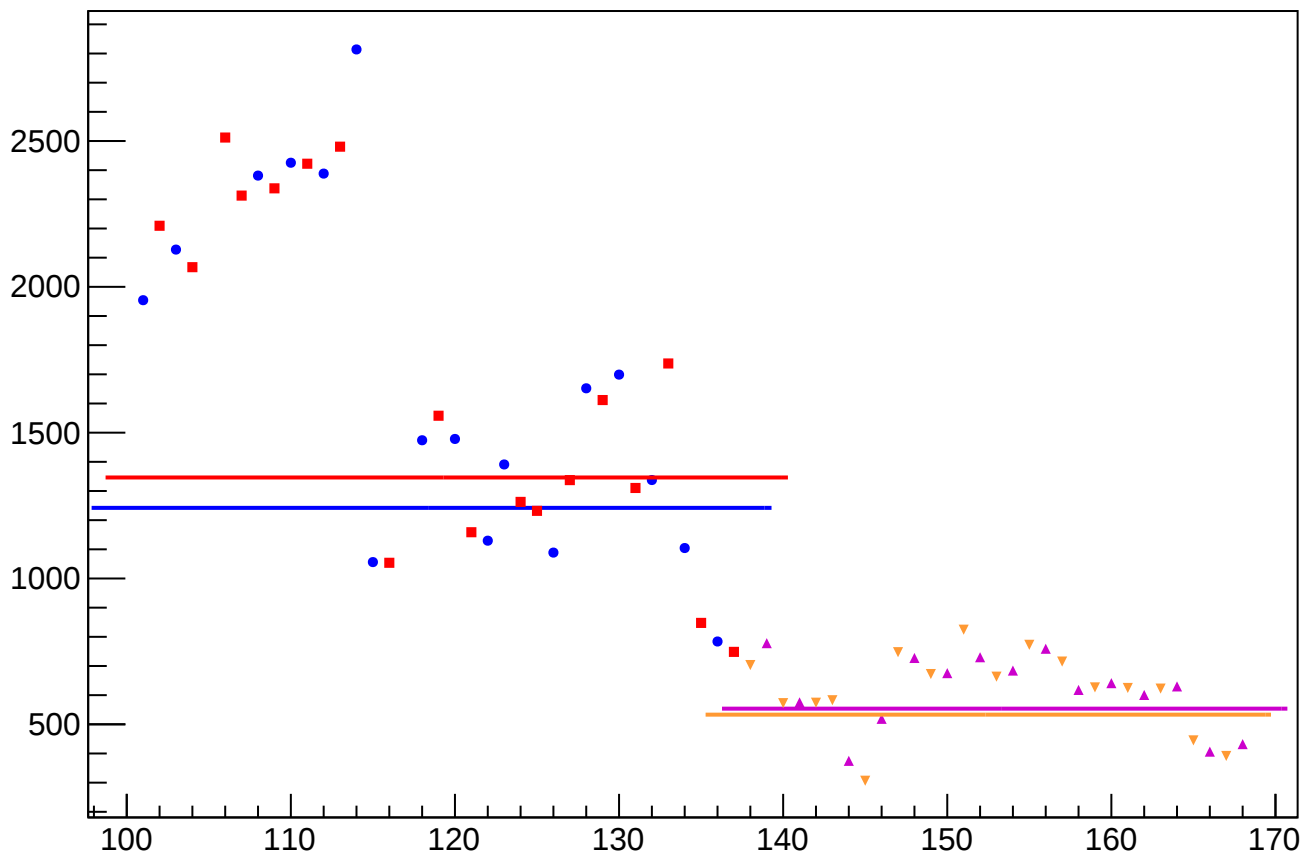
Right: -430.023 ± 374.493 $\chi^2/\text{NDF}: 33.0/34$

In: -332.754 ± 158.358 $\chi^2/\text{NDF}: 37.4/31$

Out: -612.021 ± 154.209 $\chi^2/\text{NDF}: 44.0/33$

All: -476.094 ± 110.480 $\chi^2/\text{NDF}: 82.9/65$

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: 533.164 $\pm$ 0.114 χ^2/NDF : 1992340.6/15

Right Out: 1346.340 $\pm$ 0.385 χ^2/NDF : 1809161.2/17

Left In: 553.716 $\pm$ 0.118 χ^2/NDF : 1274906.5/14

Left: 543.091 $\pm$ 0.082 χ^2/NDF : 3283025.9/30

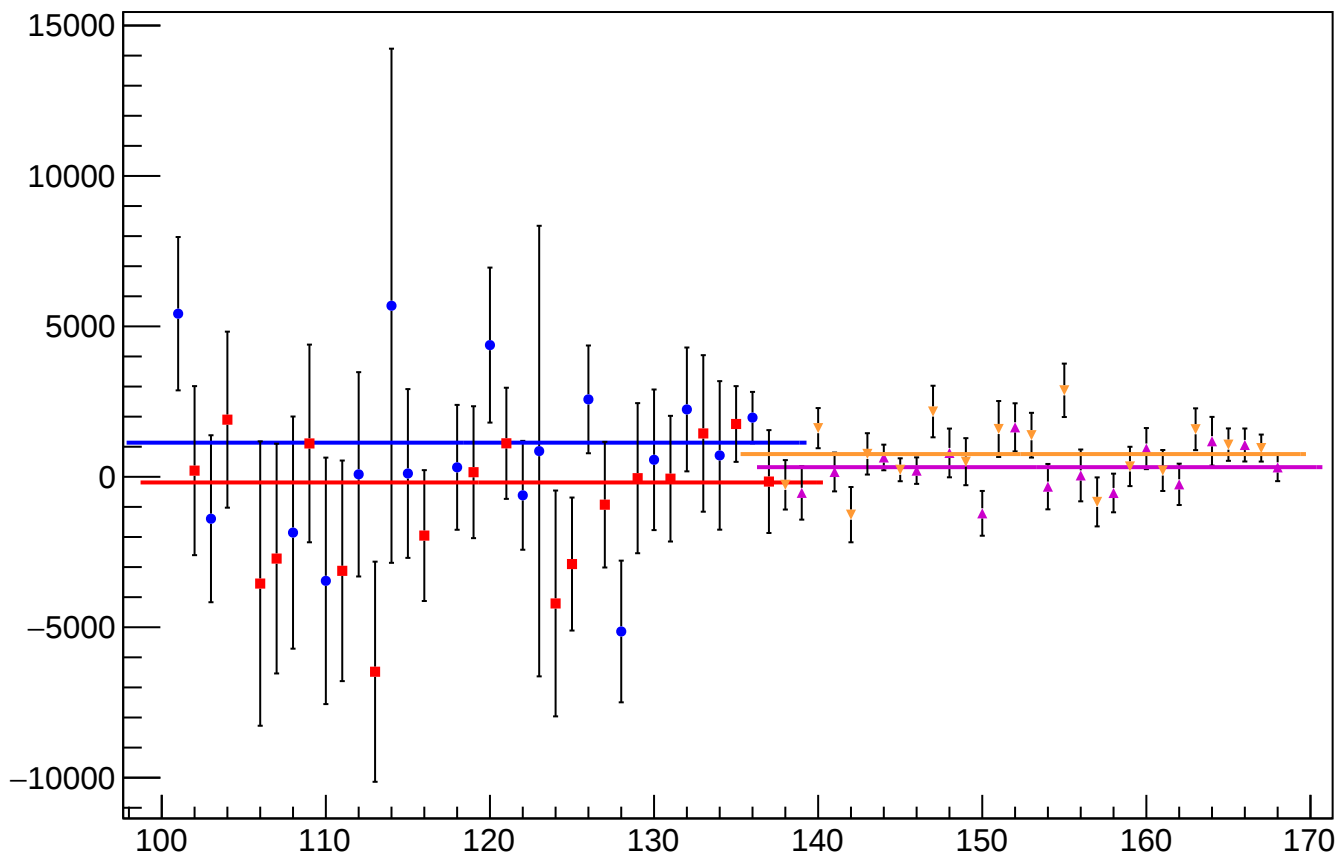
Right: 1291.570 $\pm$ 0.265 χ^2/NDF : 3615166.4/34

In: 618.442 $\pm$ 0.112 χ^2/NDF : 6262093.5/31

Out: 598.551 $\pm$ 0.109 χ^2/NDF : 7913761.1/33

All: 608.233 $\pm$ 0.078 χ^2/NDF : 14192050.3/65

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 756.035 $\pm$ 162.975 χ^2 /NDF: 26.7/15

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 321.111 $\pm$ 160.864 χ^2 /NDF: 16.0/14

Left: 535.738 $\pm$ 114.487 χ^2 /NDF: 46.4/30

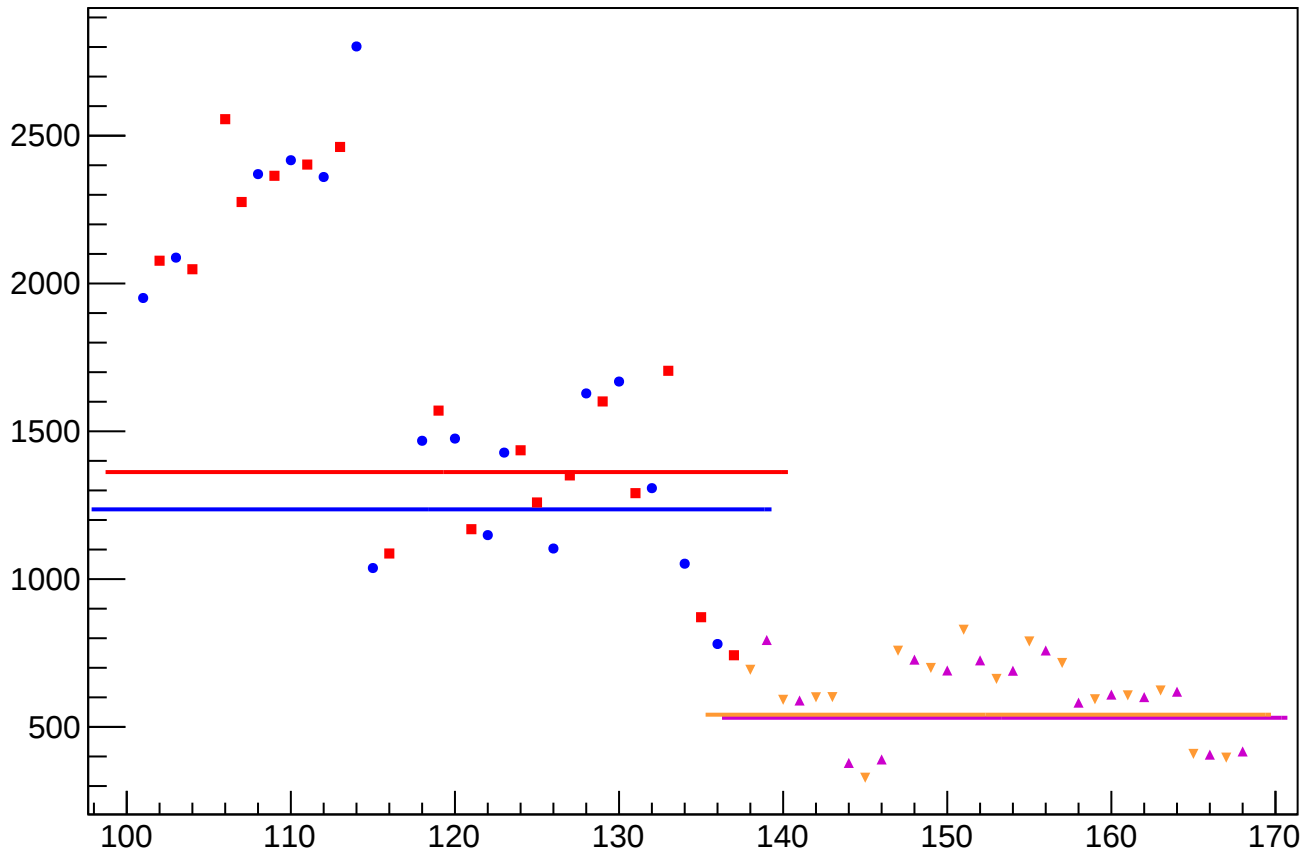
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 393.797 $\pm$ 153.515 χ^2 /NDF: 36.1/31

Out: 679.412 $\pm$ 156.218 χ^2 /NDF: 41.4/33

All: 534.113 $\pm$ 109.495 χ^2 /NDF: 79.2/65

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 541.363 $\pm$ 0.115 χ^2 /NDF: 1821206.4/15

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 530.942 $\pm$ 0.114 χ^2 /NDF: 1521363.8/14

Left: 536.084 $\pm$ 0.081 χ^2 /NDF: 3346711.7/30

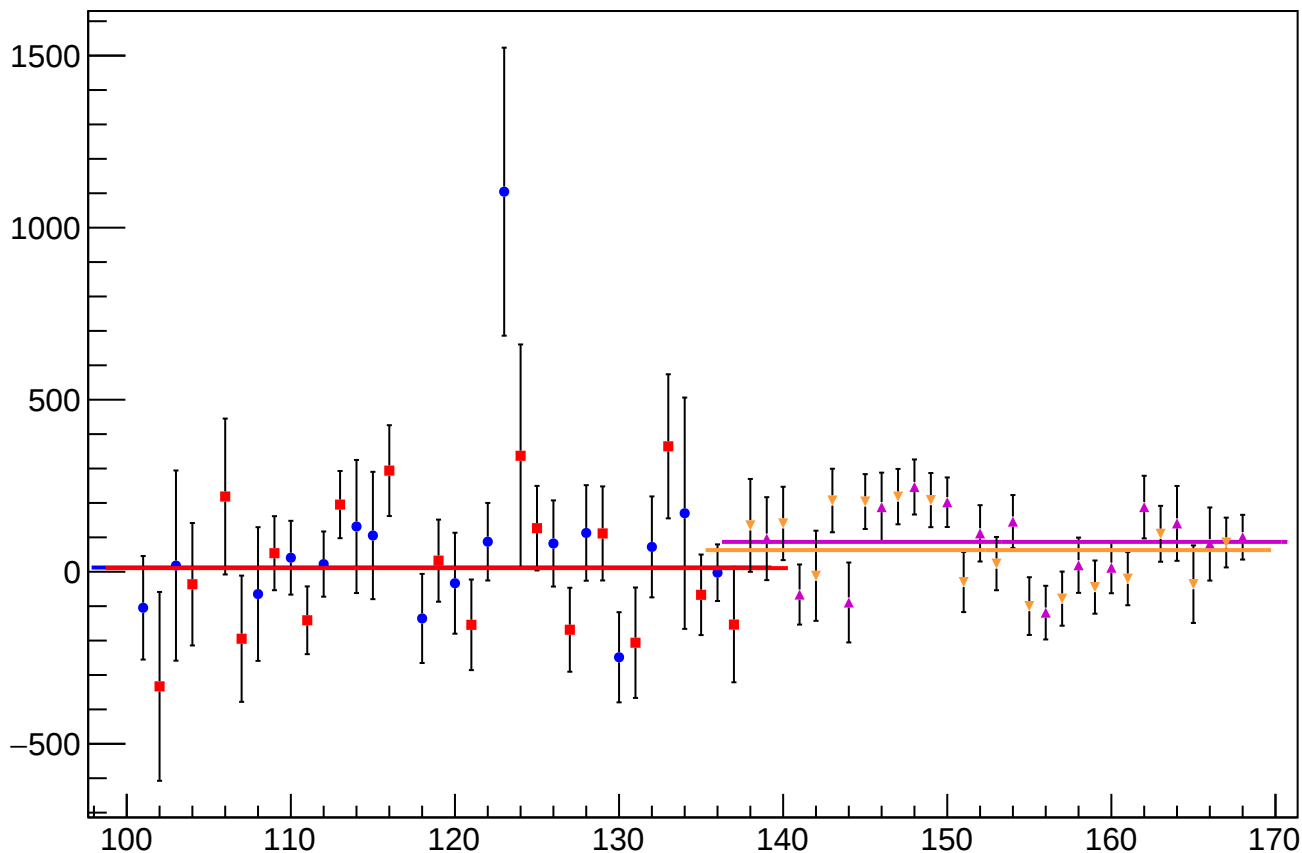
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 593.886 $\pm$ 0.109 χ^2 /NDF: 6696730.4/31

Out: 608.012 $\pm$ 0.110 χ^2 /NDF: 7649379.5/33

All: 600.826 $\pm$ 0.077 χ^2 /NDF: 14354429.7/65

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 62.986+/-21.566 χ^2/NDF : 26.5/15

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 86.807+/-21.969 χ^2/NDF : 23.8/14

Left: 74.676+/-15.390 χ^2/NDF : 50.9/30

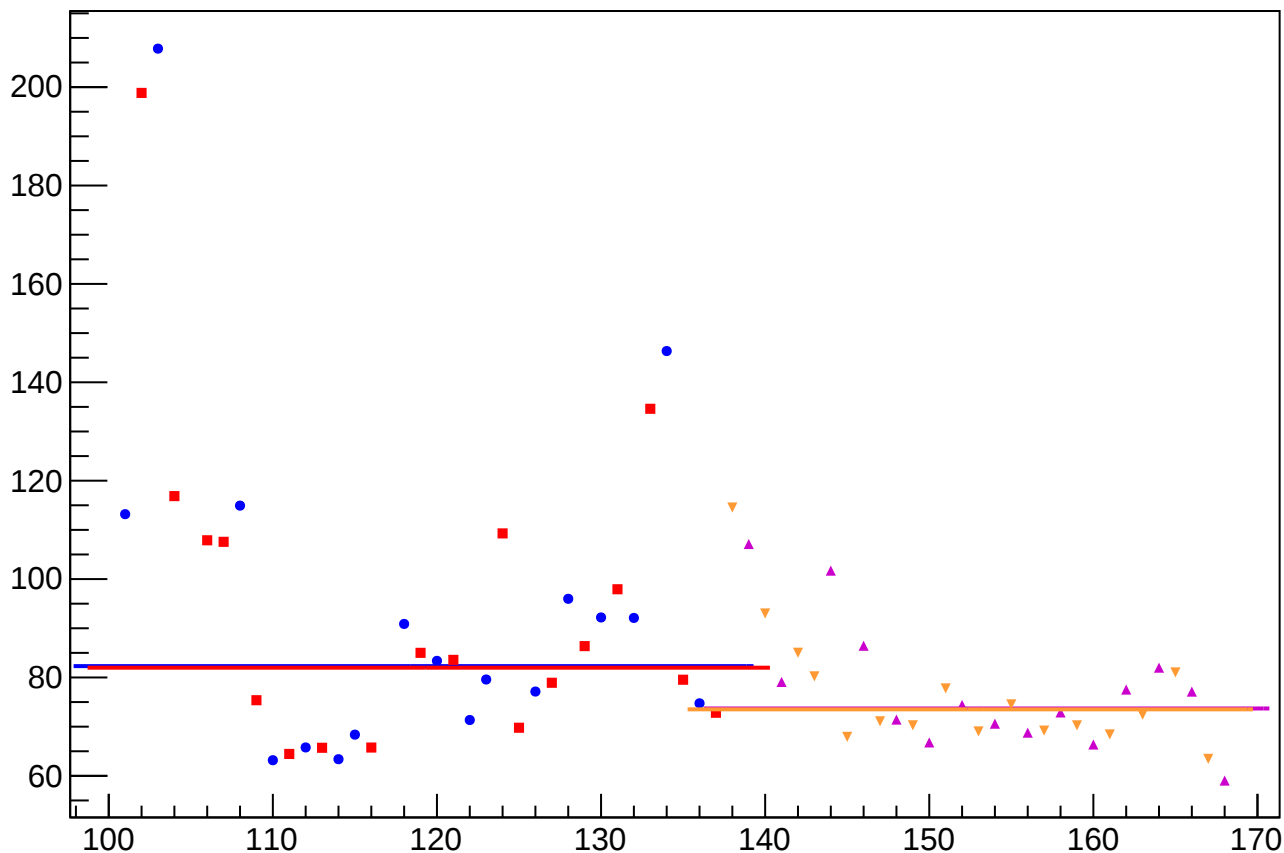
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 64.146+/-18.326 χ^2/NDF : 42.7/31

Out: 47.041+/-17.987 χ^2/NDF : 55.0/33

All: 55.434+/-12.837 χ^2/NDF : 98.2/65

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: 73.519 $\pm$ 0.015 χ^2 /NDF: 370876.7/15

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 73.696 $\pm$ 0.016 χ^2 /NDF: 480326.6/14

Left: 73.606 $\pm$ 0.011 χ^2 /NDF: 851269.2/30

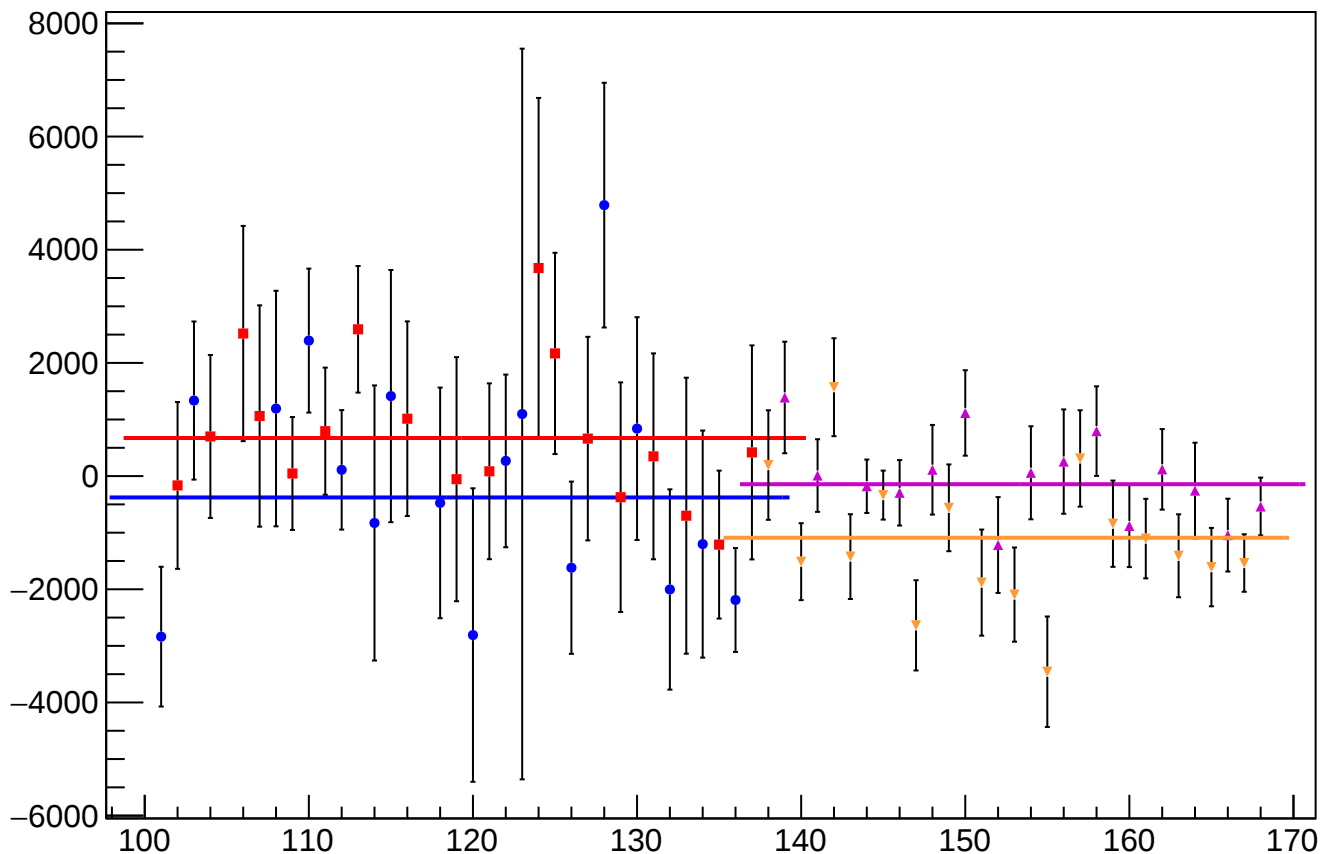
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 76.315 $\pm$ 0.013 χ^2 /NDF: 1442503.3/31

Out: 76.096 $\pm$ 0.013 χ^2 /NDF: 1317936.7/33

All: 76.204 $\pm$ 0.009 χ^2 /NDF: 2760584.9/65

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 $\pm$ 383.897 χ^2/NDF : 24.5/16

Left Out: -1089.846 $\pm$ 178.046 χ^2/NDF : 31.5/15

Right Out: 673.192 $\pm$ 368.624 χ^2/NDF : 9.4/17

Left In: -143.369 $\pm$ 178.319 χ^2/NDF : 12.4/14

Left: -617.333 $\pm$ 125.994 χ^2/NDF : 58.0/30

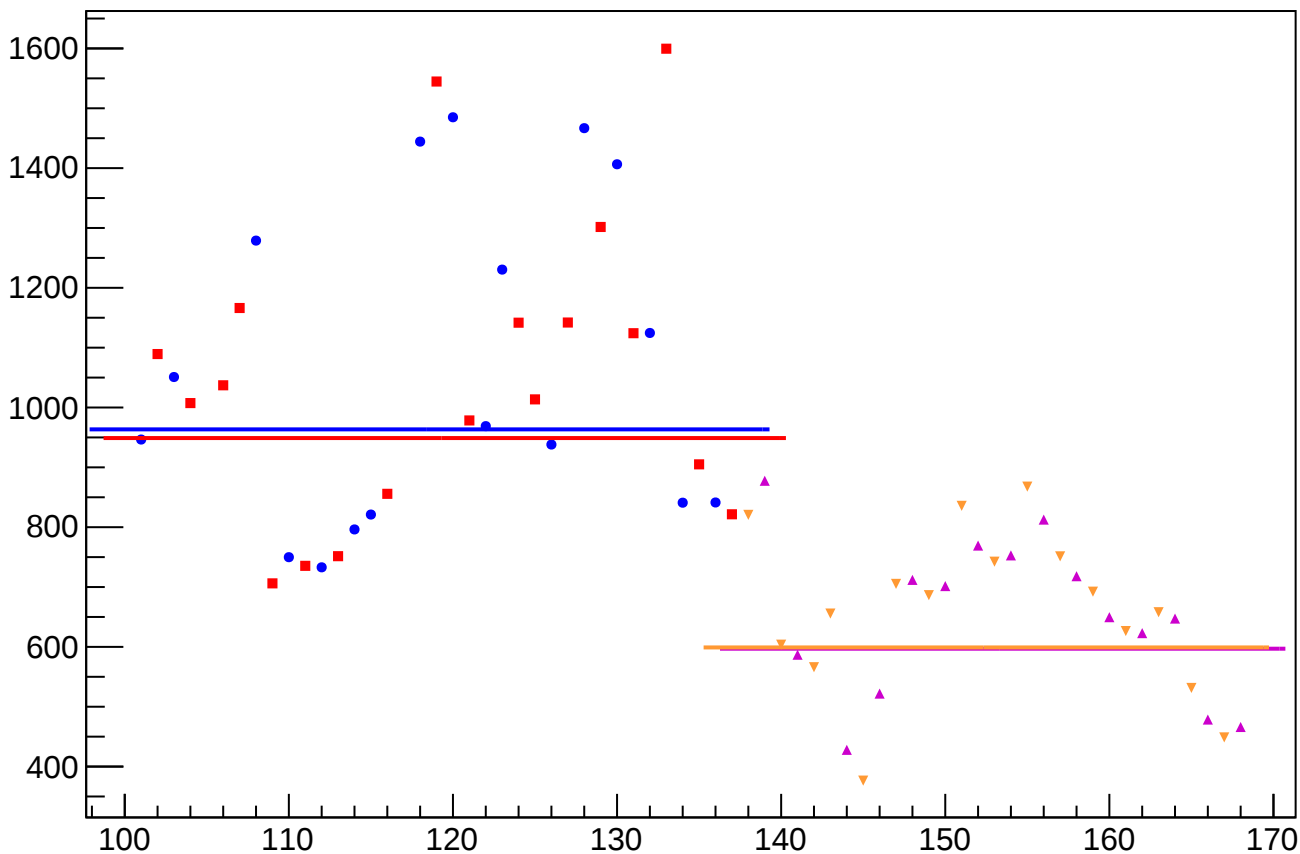
Right: 169.244 $\pm$ 265.892 χ^2/NDF : 37.7/34

In: -184.889 $\pm$ 161.724 χ^2/NDF : 37.2/31

Out: -756.348 $\pm$ 160.324 χ^2/NDF : 59.4/33

All: -473.103 $\pm$ 113.858 χ^2/NDF : 102.9/65

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 599.066+/-0.126 χ^2/NDF : 1352065.3/15

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 596.957+/-0.126 χ^2/NDF : 1063847.0/14

Left: 598.014+/-0.089 χ^2/NDF : 2416052.4/30

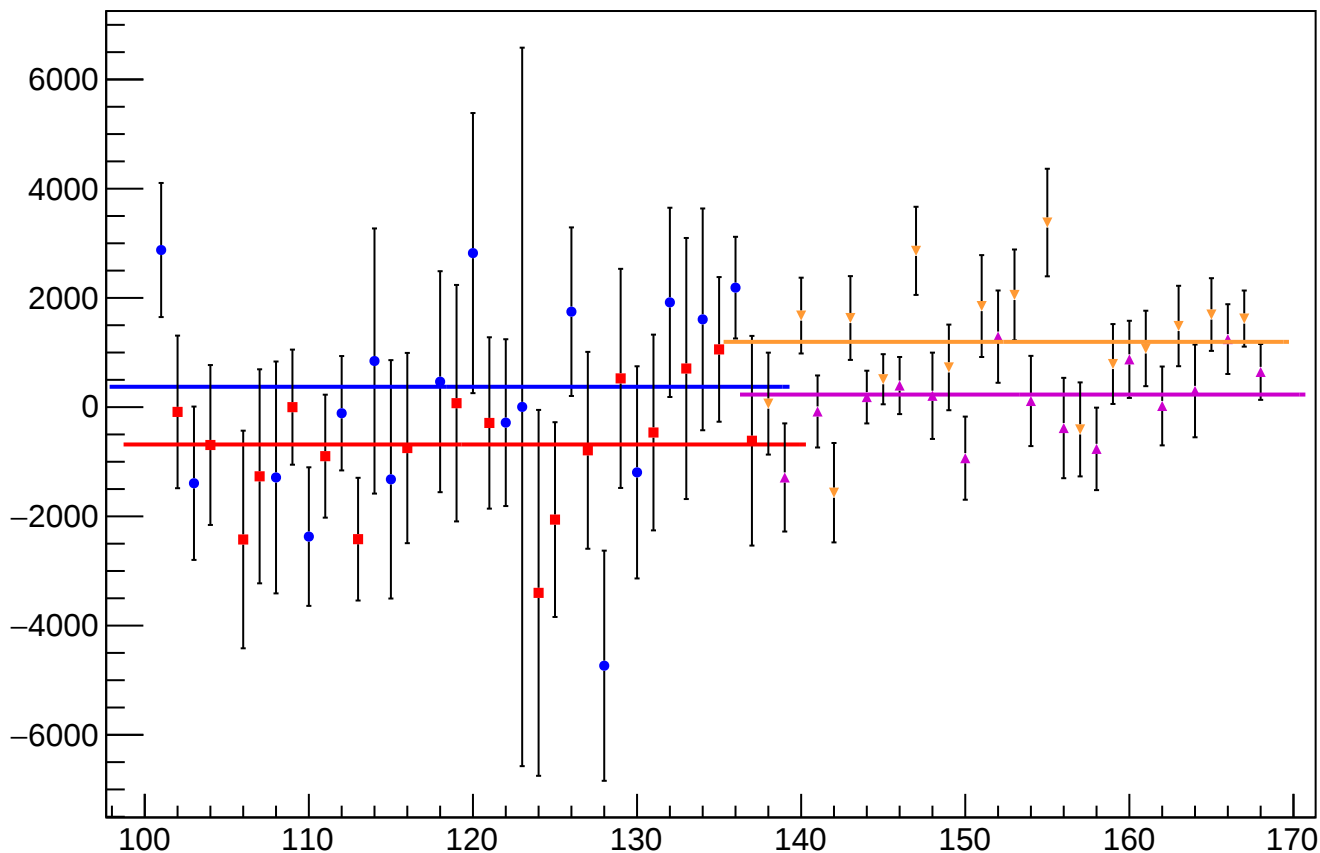
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 662.001+/-0.114 χ^2/NDF : 3252159.1/31

Out: 665.250+/-0.113 χ^2/NDF : 3542405.6/33

All: 663.640+/-0.081 χ^2/NDF : 6794971.7/65

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 χ^2/NDF : 25.3/16

Left Out: 1195.498 ± 179.969 χ^2/NDF : 30.0/15

Right Out: -683.612 ± 372.418 χ^2/NDF : 7.8/17

Left In: 230.380 ± 176.805 χ^2/NDF : 12.9/14

Left: 704.383 ± 126.124 χ^2/NDF : 57.6/30

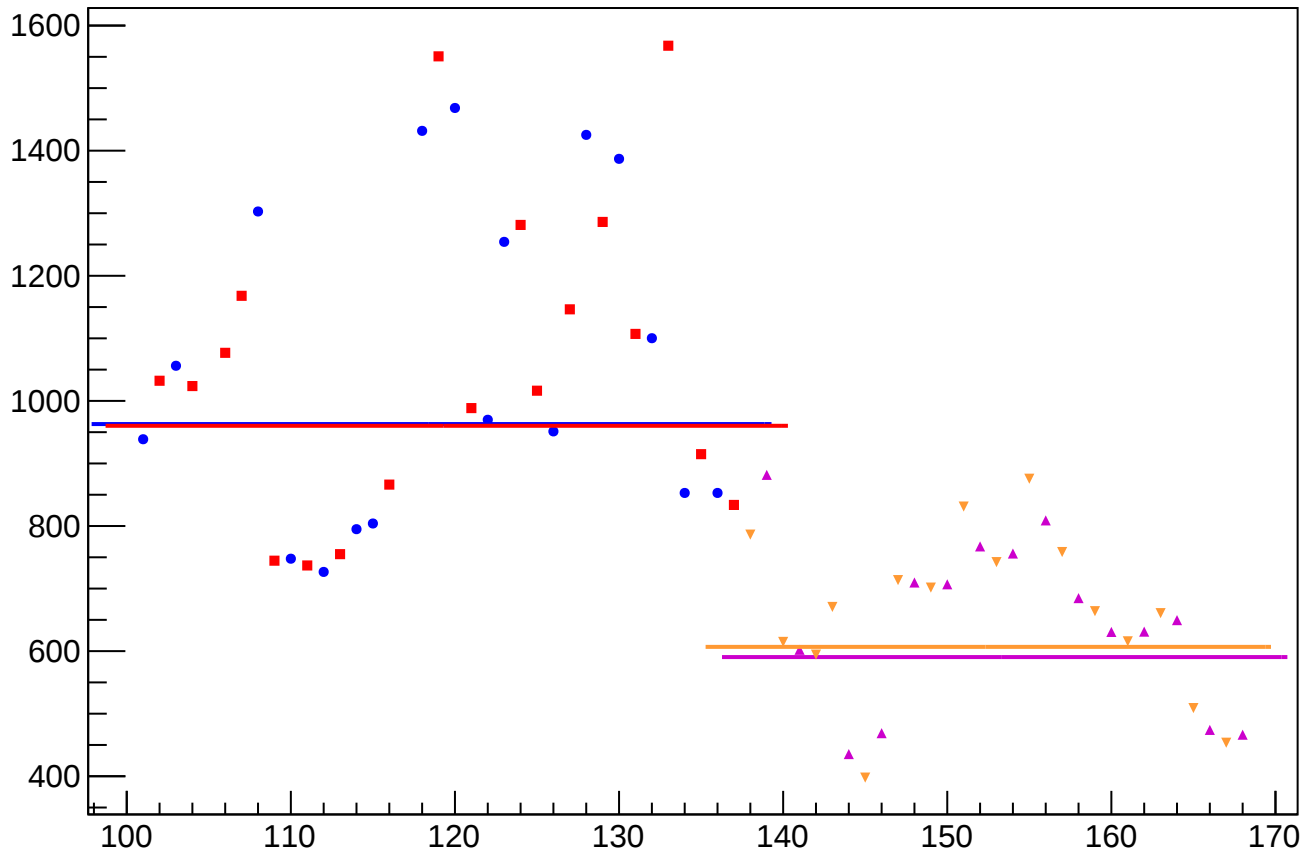
Right: -171.066 ± 267.226 χ^2/NDF : 36.9/34

In: 255.345 ± 160.575 χ^2/NDF : 38.3/31

Out: 839.754 ± 162.040 χ^2/NDF : 58.4/33

All: 544.895 ± 114.058 χ^2/NDF : 103.3/65

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 606.806 $\pm$ 0.127 χ^2 /NDF: 1191459.9/15

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 590.503 $\pm$ 0.125 χ^2 /NDF: 1099705.1/14

Left: 598.510 $\pm$ 0.089 χ^2 /NDF: 2299516.9/30

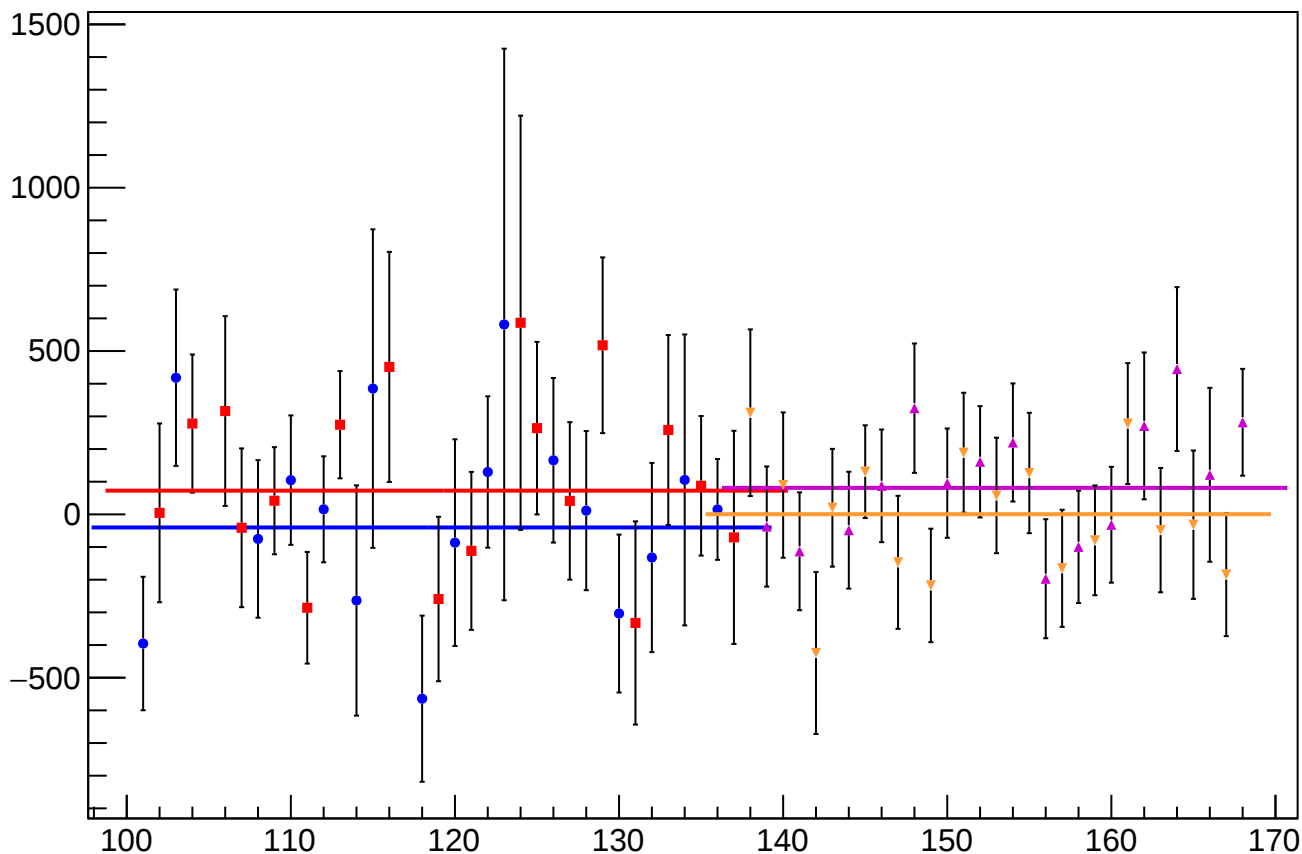
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 655.748 $\pm$ 0.114 χ^2 /NDF: 3322028.6/31

Out: 673.712 $\pm$ 0.115 χ^2 /NDF: 3322568.7/33

All: 664.649 $\pm$ 0.081 χ^2 /NDF: 6656999.6/65

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 0.533 ± 47.064 χ^2/NDF : 13.5/15

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 81.088 ± 47.981 χ^2/NDF : 12.6/14

Left: 40.033 ± 33.599 χ^2/NDF : 27.6/30

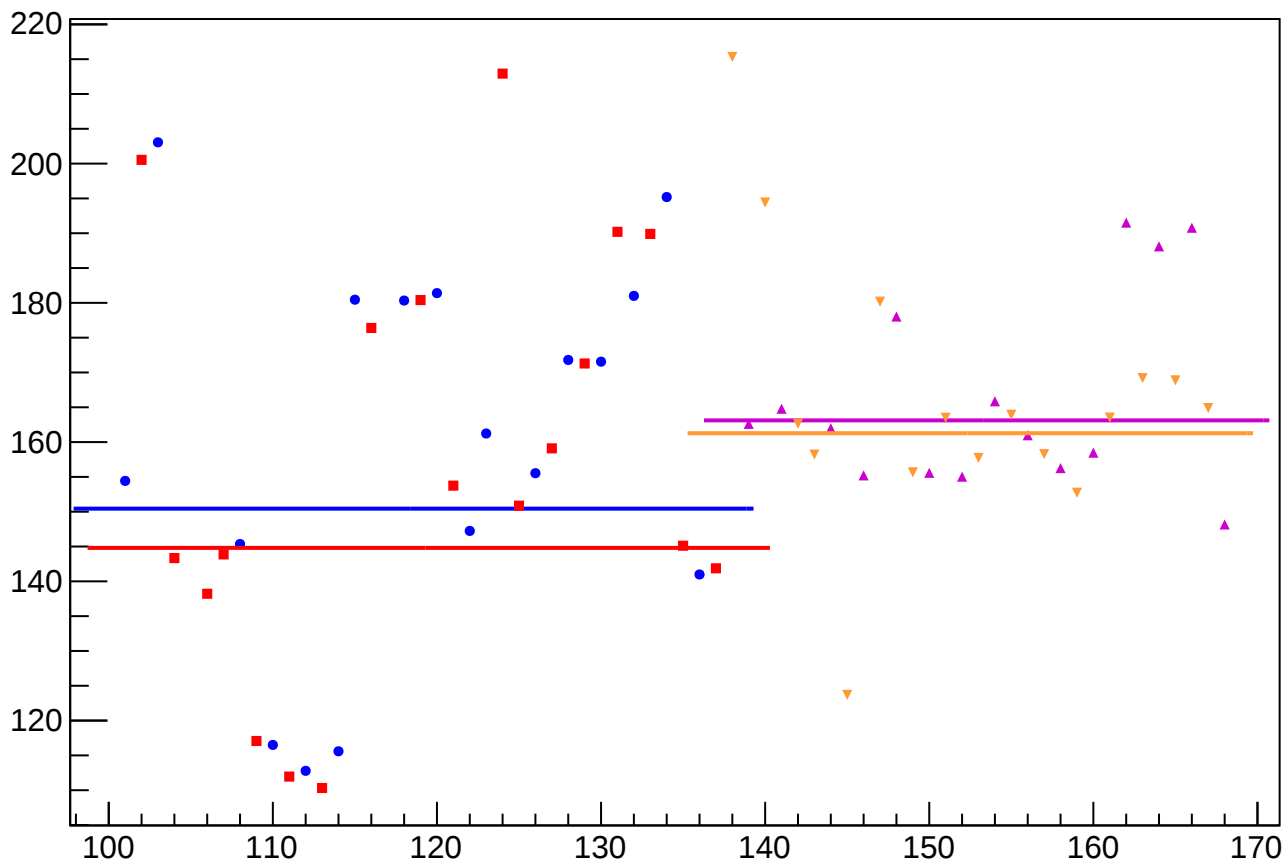
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 33.088 ± 37.289 χ^2/NDF : 30.5/31

Out: 30.173 ± 36.113 χ^2/NDF : 32.1/33

All: 31.583 ± 25.942 χ^2/NDF : 62.6/65

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: 161.277 $\pm$ 0.033 χ^2 /NDF:308166.3/15

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 163.120 $\pm$ 0.034 χ^2 /NDF:119766.2/14

Left: 162.181 $\pm$ 0.024 χ^2 /NDF: 429435.3/30

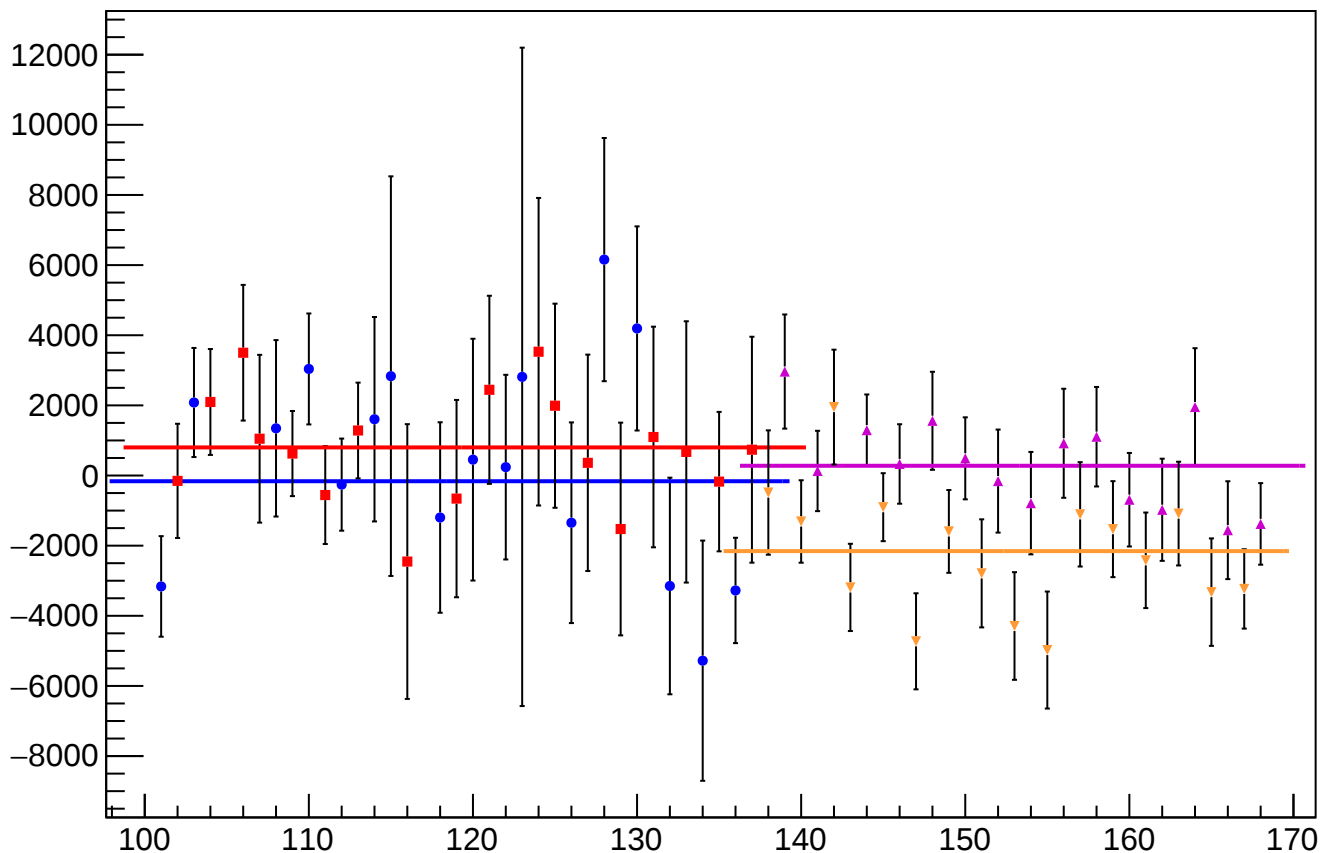
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 158.099 $\pm$ 0.026 χ^2 /NDF:575182.5/31

Out: 154.504 $\pm$ 0.026 χ^2 /NDF:912753.7/33

All: 156.244 $\pm$ 0.018 χ^2 /NDF: 1497528.6/65

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -2155.545 ± 337.671 χ^2/NDF : 21.5/15

Right Out: 801.139 ± 486.610 χ^2/NDF : 6.9/17

Left In: 277.957 ± 340.746 χ^2/NDF : 11.8/14

Left: -949.825 ± 239.849 χ^2/NDF : 59.0/30

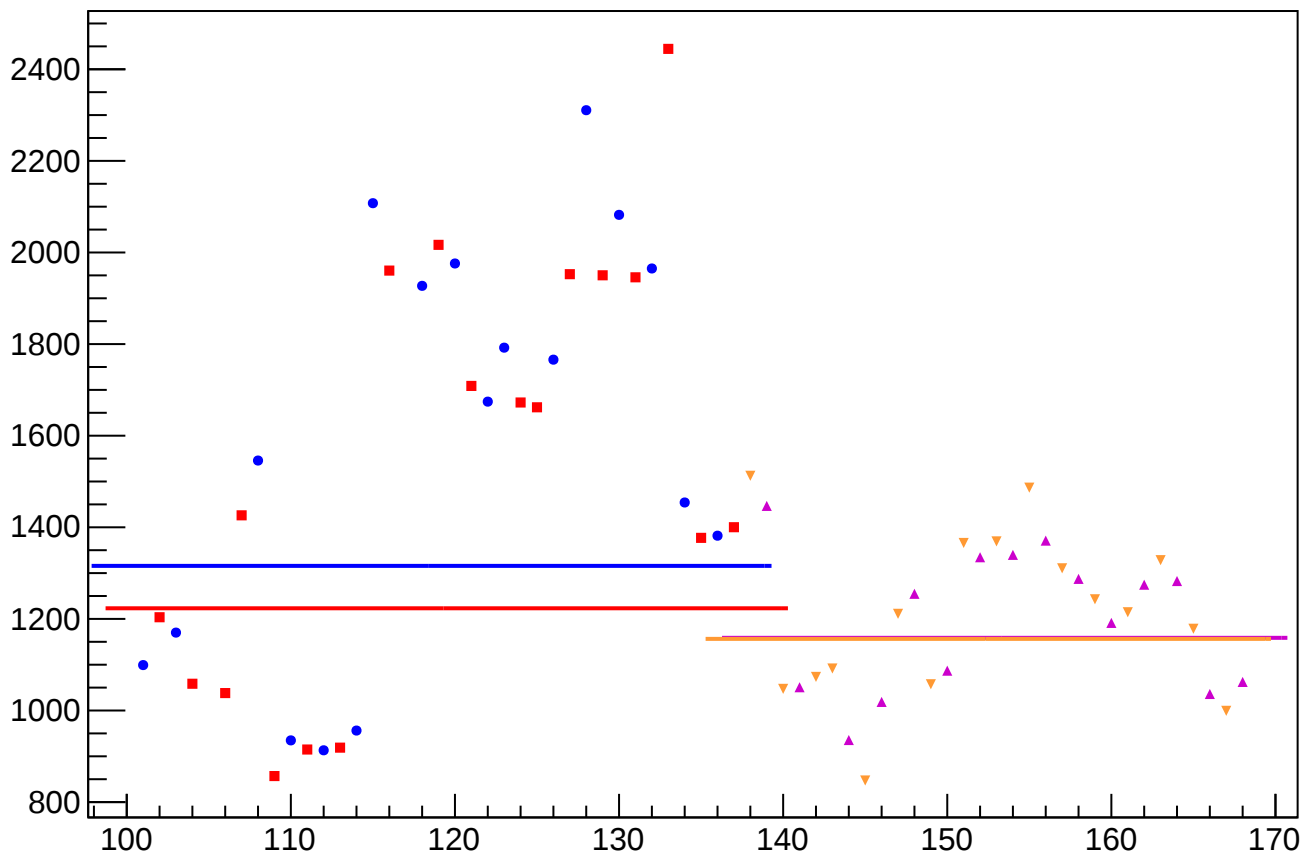
Right: 363.081 ± 359.419 χ^2/NDF : 33.7/34

In: 150.136 ± 287.118 χ^2/NDF : 37.3/31

Out: -1194.554 ± 277.420 χ^2/NDF : 53.3/33

All: -545.302 ± 199.506 χ^2/NDF : 102.0/65

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1156.410+/-0.239 χ^2/NDF : 581992.3/15

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1158.691+/-0.241 χ^2/NDF : 391218.7/14

Left: 1157.540+/-0.170 χ^2/NDF : 973256.2/30

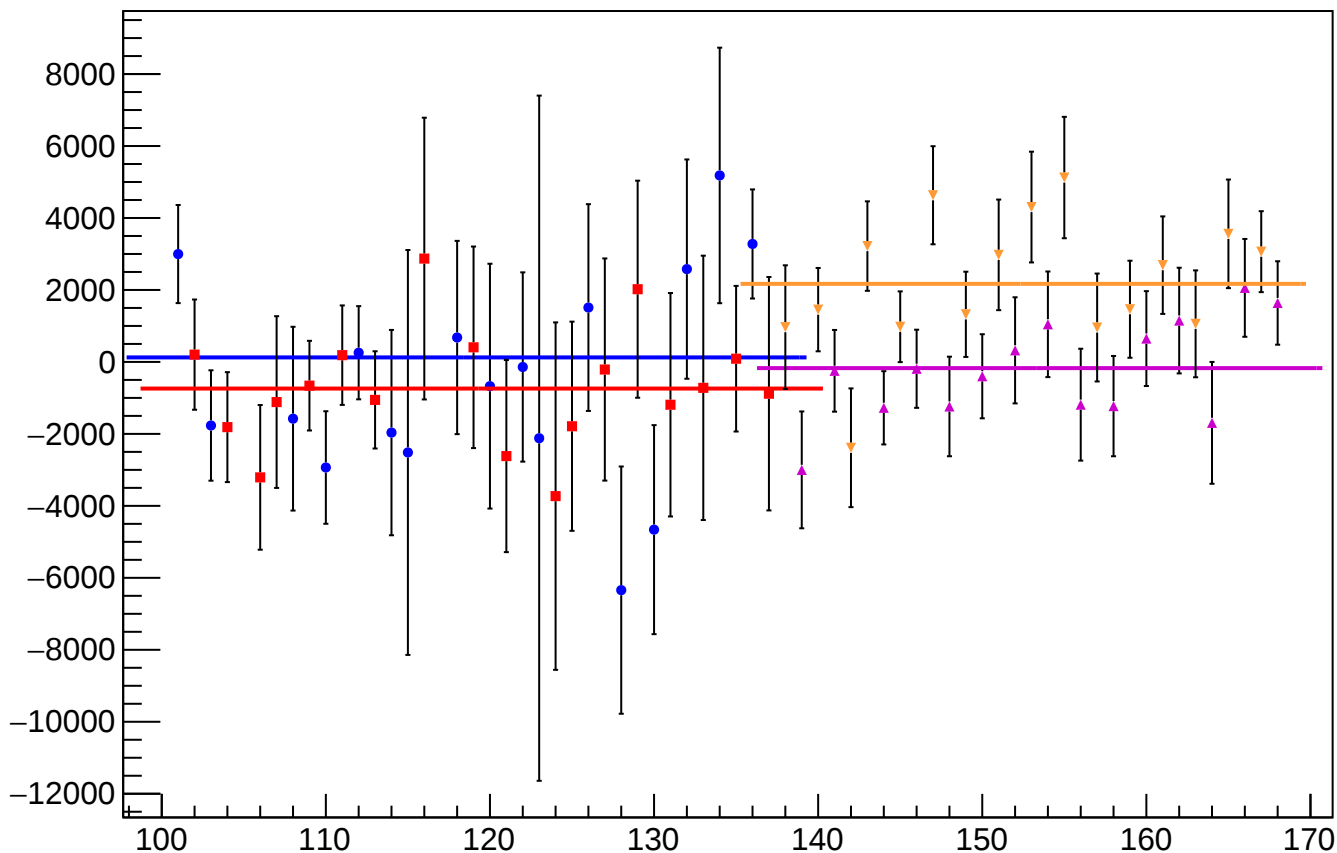
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1204.248+/-0.203 χ^2/NDF : 1632842.6/31

Out: 1178.111+/-0.196 χ^2/NDF : 1970462.9/33

All: 1190.731+/-0.141 χ^2/NDF : 3611876.6/65

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 χ^2/NDF : 24.7/16

Left Out: 2169.806 ± 337.010 χ^2/NDF : 22.8/15

Right Out: -739.954 ± 486.808 χ^2/NDF : 6.0/17

Left In: -171.738 ± 338.070 χ^2/NDF : 13.8/14

Left: 1002.712 ± 238.676 χ^2/NDF : 60.7/30

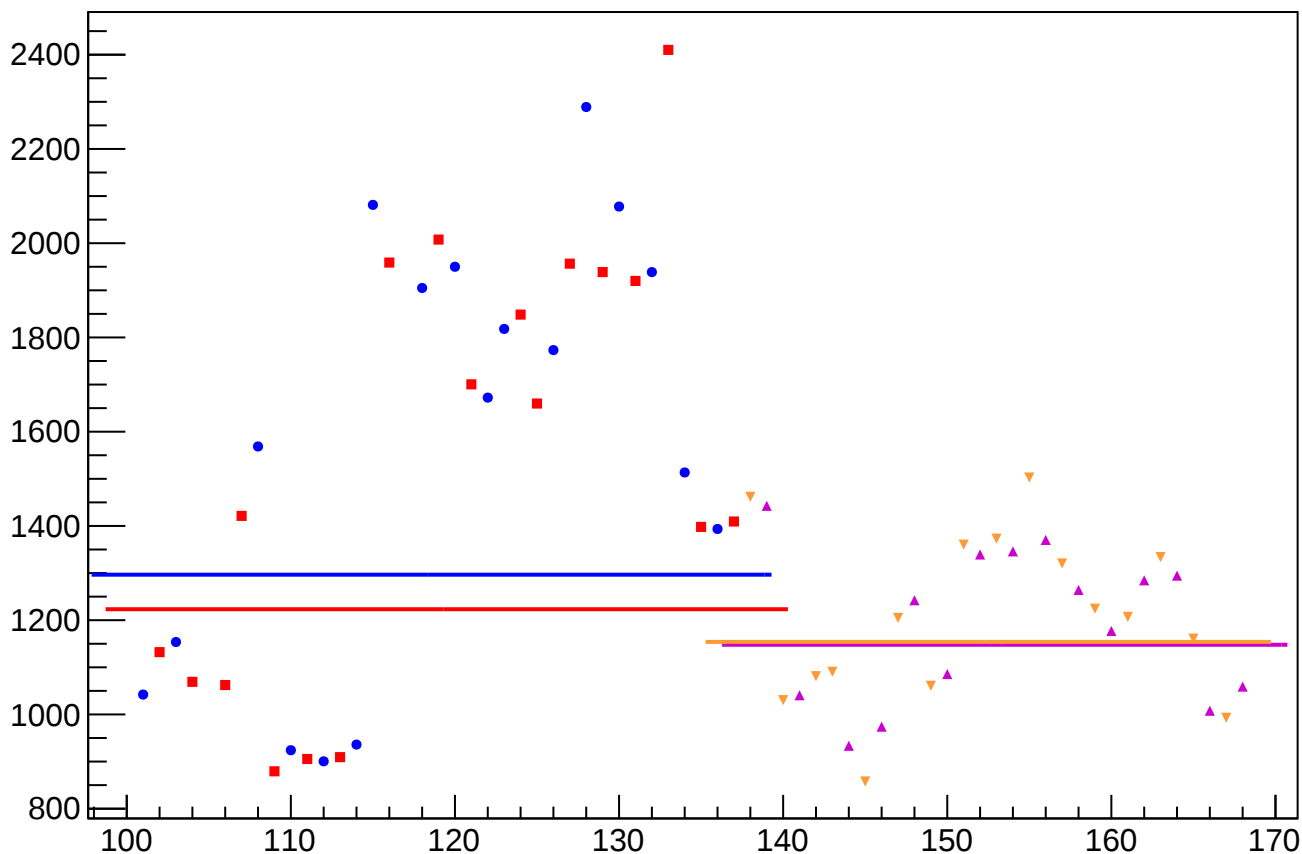
Right: -341.379 ± 357.529 χ^2/NDF : 32.1/34

In: -85.069 ± 284.522 χ^2/NDF : 38.7/31

Out: 1227.085 ± 277.090 χ^2/NDF : 53.0/33

All: 588.369 ± 198.507 χ^2/NDF : 102.6/65

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1153.954 $\pm$ 0.238 χ^2 /NDF: 558520.7/15

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1147.862 $\pm$ 0.239 χ^2 /NDF: 430054.0/14

Left: 1150.917 $\pm$ 0.169 χ^2 /NDF: 988900.5/30

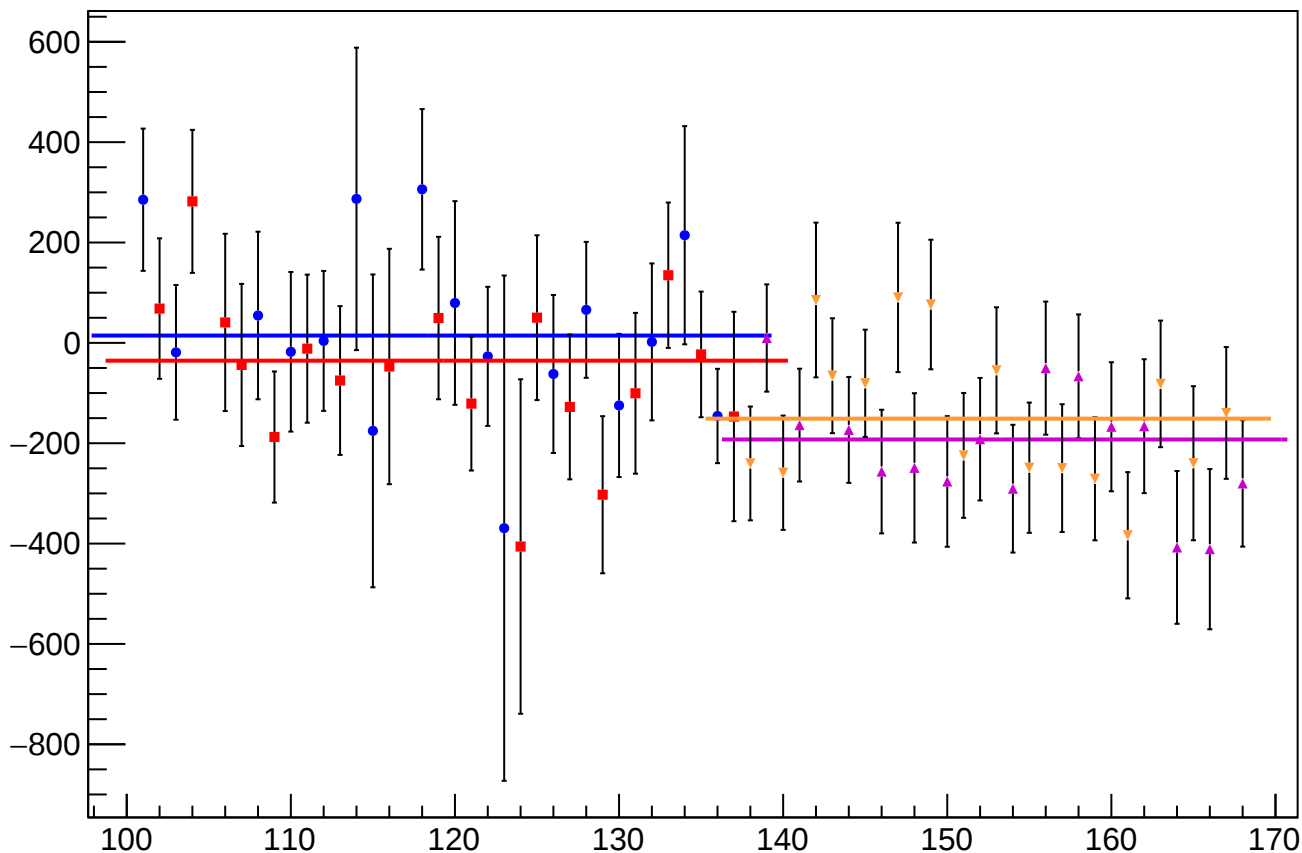
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1191.241 $\pm$ 0.201 χ^2 /NDF: 1718406.4/31

Out: 1176.413 $\pm$ 0.196 χ^2 /NDF: 1932625.4/33

All: 1183.631 $\pm$ 0.140 χ^2 /NDF: 3653819.7/65

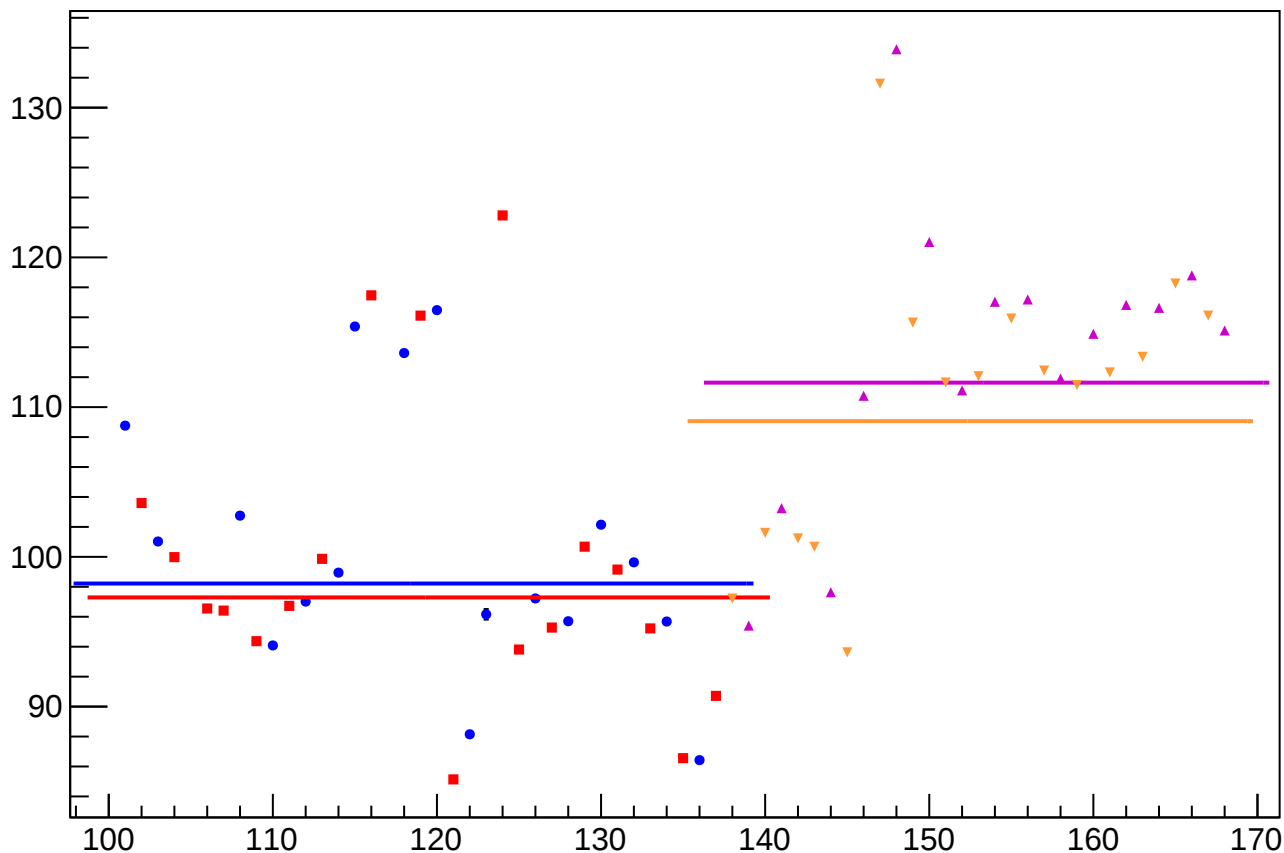
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -150.993 ± 31.501 $\chi^2/\text{NDF}: 17.7/15$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -192.519 ± 32.615 $\chi^2/\text{NDF}: 11.7/14$

Left: -171.035 ± 22.658 $\chi^2/\text{NDF}: 30.3/30$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -104.718 ± 24.754 $\chi^2/\text{NDF}: 43.0/31$
 Out: -102.033 ± 23.911 $\chi^2/\text{NDF}: 37.9/33$
 All: -103.329 ± 17.198 $\chi^2/\text{NDF}: 80.9/65$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 ± 0.027 $\chi^2/\text{NDF}: 100510.4/16$

Left Out: 109.065 ± 0.022 $\chi^2/\text{NDF}: 165480.2/15$

Right Out: 97.290 ± 0.026 $\chi^2/\text{NDF}: 96216.6/17$

Left In: 111.635 ± 0.023 $\chi^2/\text{NDF}: 166870.7/14$

Left: 110.305 ± 0.016 $\chi^2/\text{NDF}: 338777.2/30$

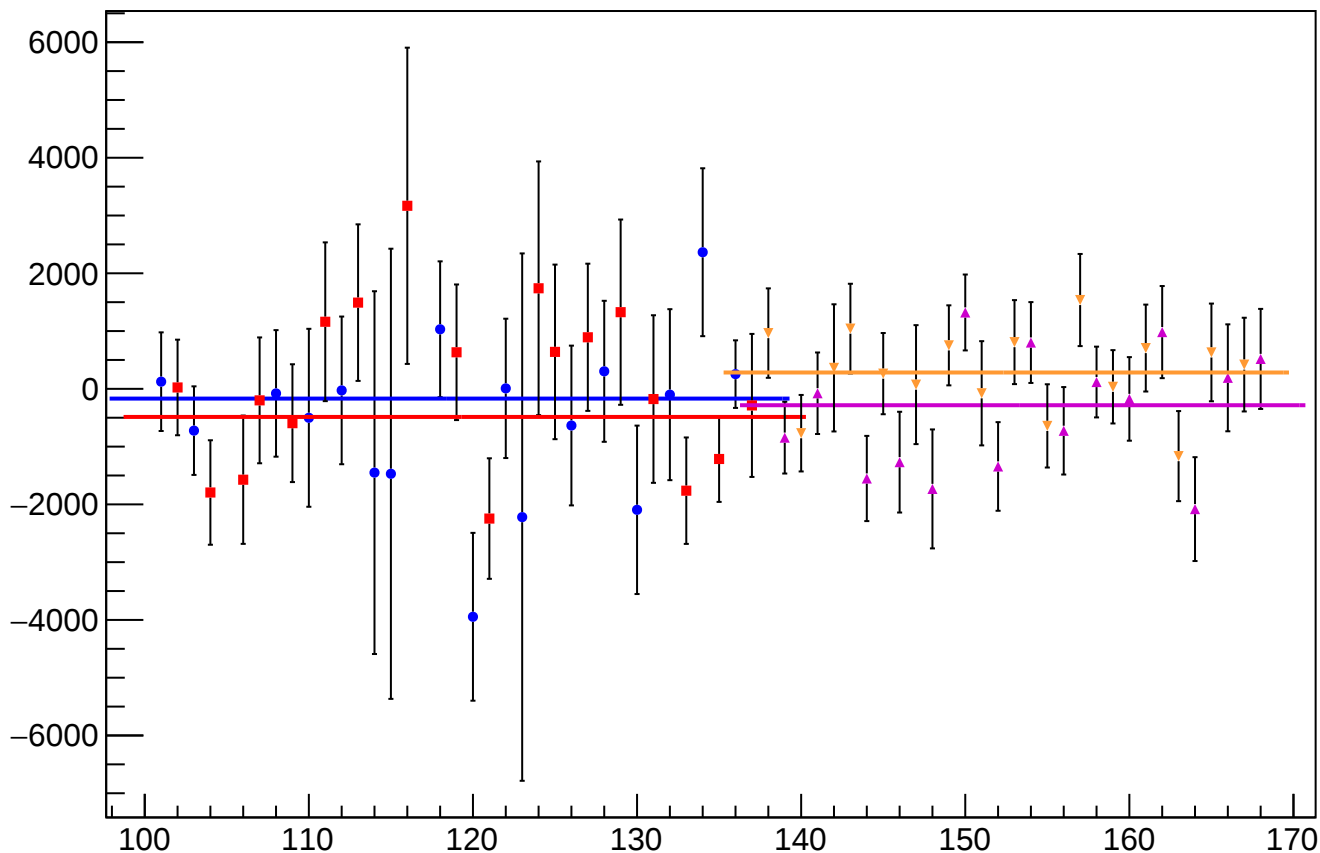
Right: 97.739 ± 0.019 $\chi^2/\text{NDF}: 197344.2/34$

In: 105.947 ± 0.018 $\chi^2/\text{NDF}: 410852.6/31$

Out: 104.074 ± 0.017 $\chi^2/\text{NDF}: 380123.7/33$

All: 104.978 ± 0.012 $\chi^2/\text{NDF}: 796898.1/65$

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 282.838 ± 192.735 χ^2/NDF : 13.7/15

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -283.714 ± 194.653 χ^2/NDF : 25.8/14

Left: 2.367 ± 136.957 χ^2/NDF : 43.8/30

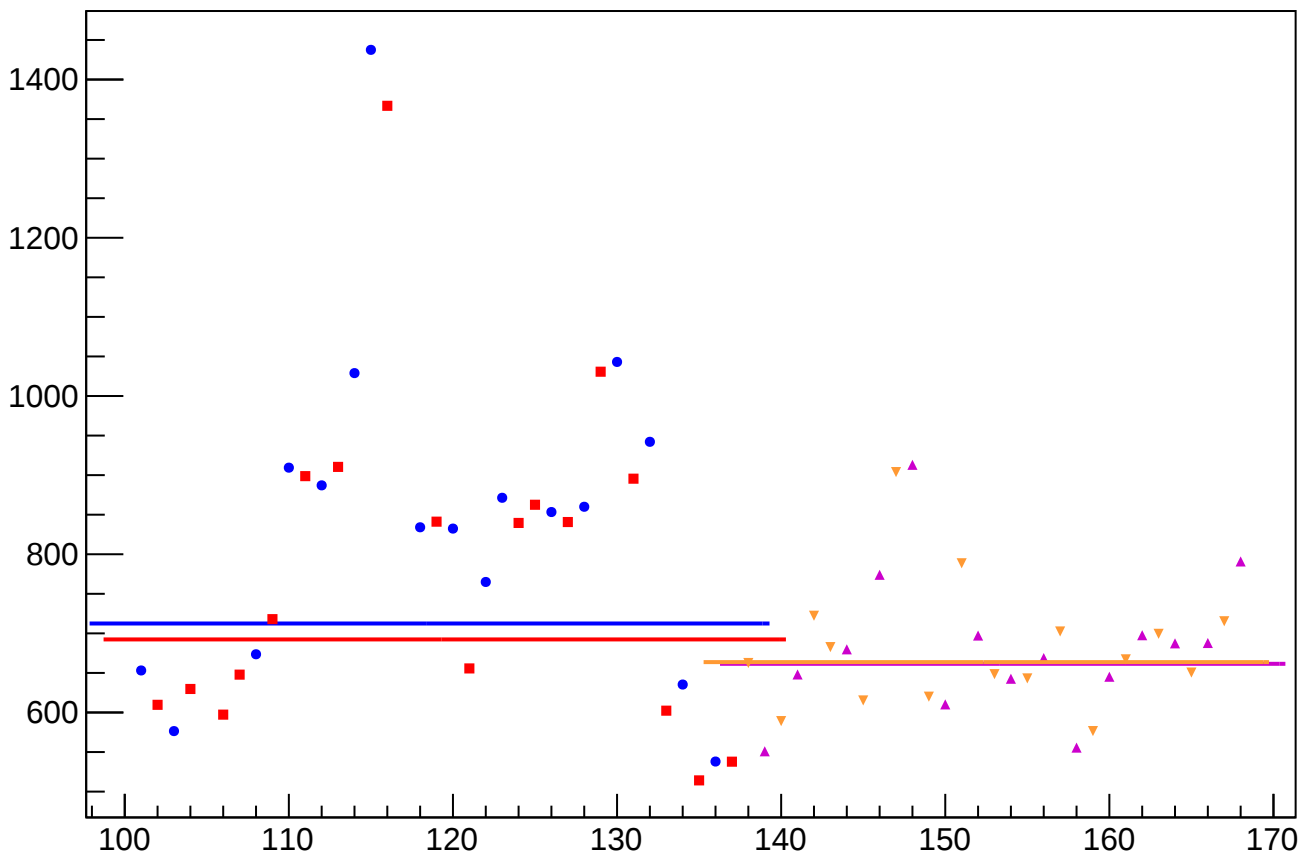
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -246.663 ± 160.228 χ^2/NDF : 40.5/31

Out: 20.656 ± 156.475 χ^2/NDF : 38.7/33

All: -109.836 ± 111.948 χ^2/NDF : 80.7/65

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 663.674+/-0.136 χ^2/NDF : 254665.6/15

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 661.522+/-0.138 χ^2/NDF : 349003.5/14

Left: 662.608+/-0.097 χ^2/NDF : 603792.5/30

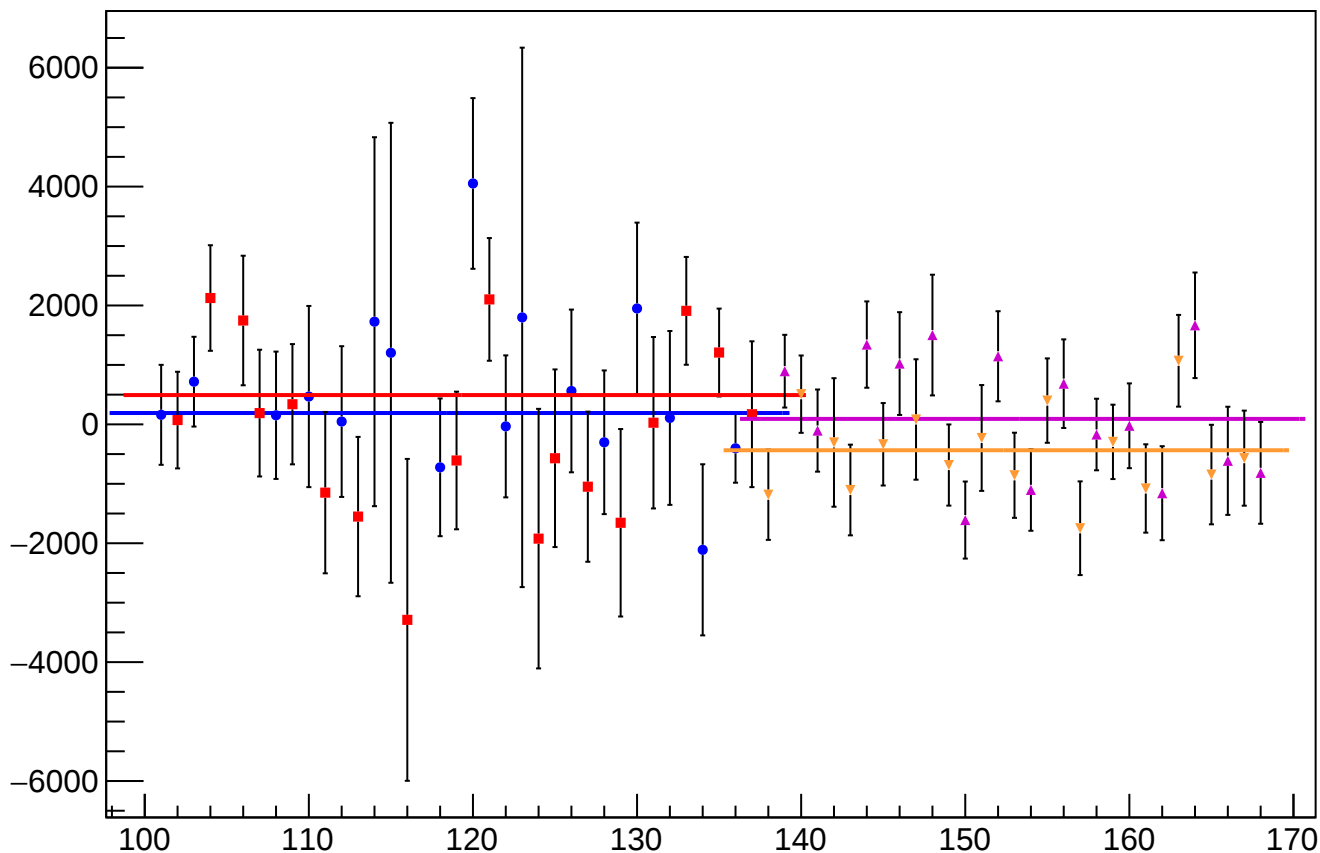
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 677.951+/-0.113 χ^2/NDF : 1053711.7/31

Out: 673.446+/-0.111 χ^2/NDF : 926702.4/33

All: 675.645+/-0.079 χ^2/NDF : 1981223.2/65

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -435.711 $\pm$ 189.972 χ^2/NDF :13.7/15

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: 91.881 $\pm$ 191.859 χ^2/NDF :27.9/14

Left: -174.522 $\pm$ 134.993 χ^2/NDF : 45.4/30

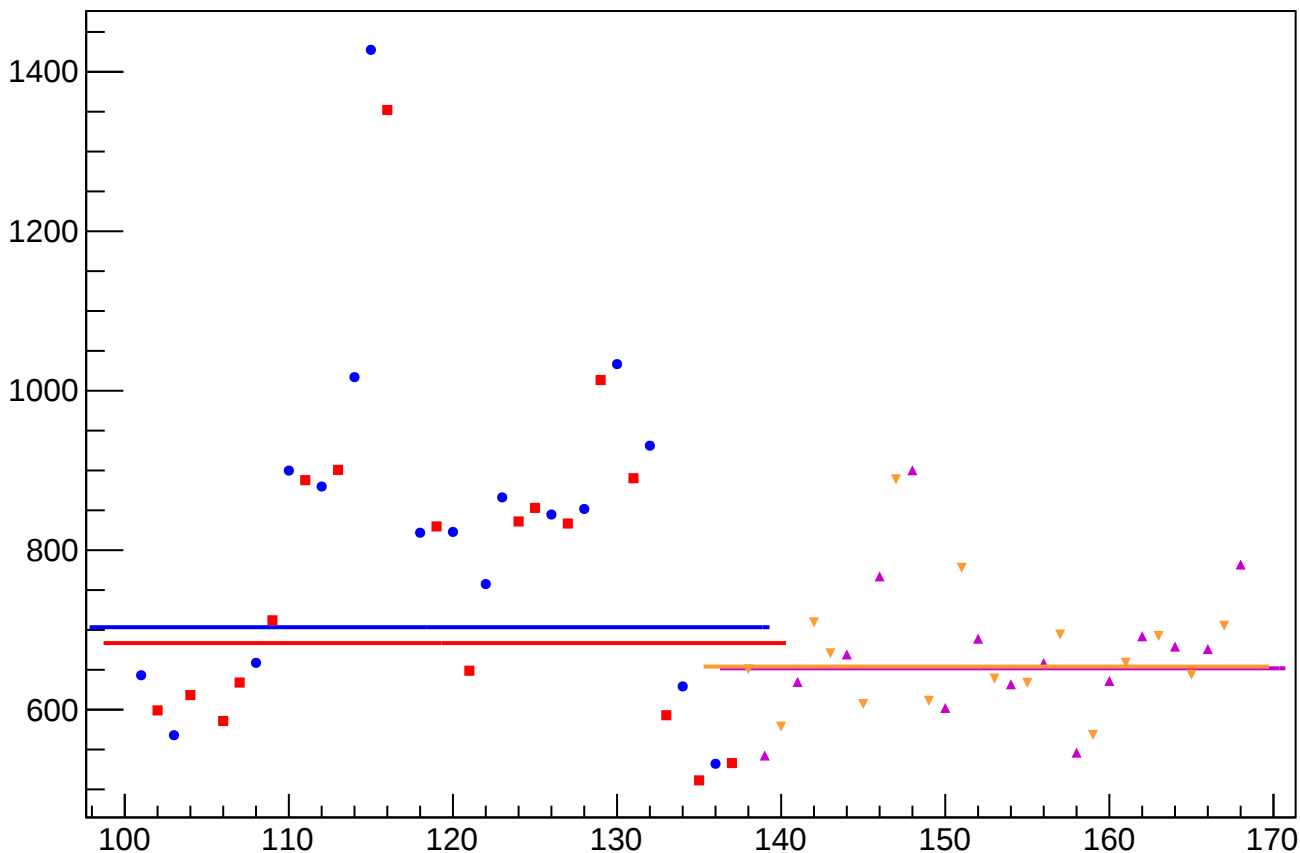
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 123.717 $\pm$ 158.027 χ^2/NDF :42.2/31

Out: -119.941 $\pm$ 154.324 χ^2/NDF :44.6/33

All: -1.001 $\pm$ 110.410 χ^2/NDF : 88.0/65

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 654.060 $\pm$ 0.134 χ^2 /NDF:255146.8/15

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 651.838 $\pm$ 0.136 χ^2 /NDF:357454.0/14

Left: 652.960 $\pm$ 0.095 χ^2 /NDF: 612736.3/30

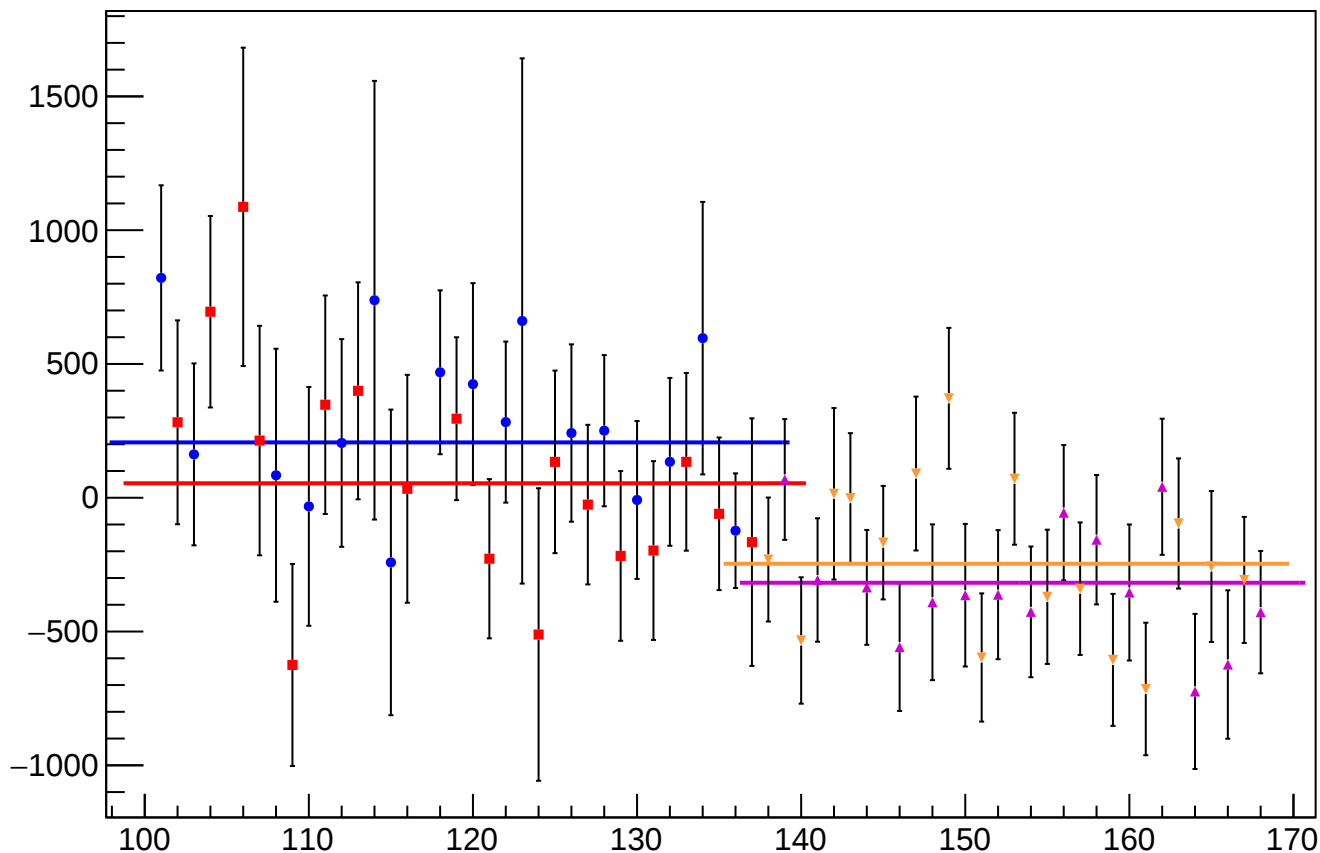
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 668.421 $\pm$ 0.112 χ^2 /NDF:1070803.7/31

Out: 664.070 $\pm$ 0.109 χ^2 /NDF:930829.8/33

All: 666.194 $\pm$ 0.078 χ^2 /NDF: 2002409.7/65

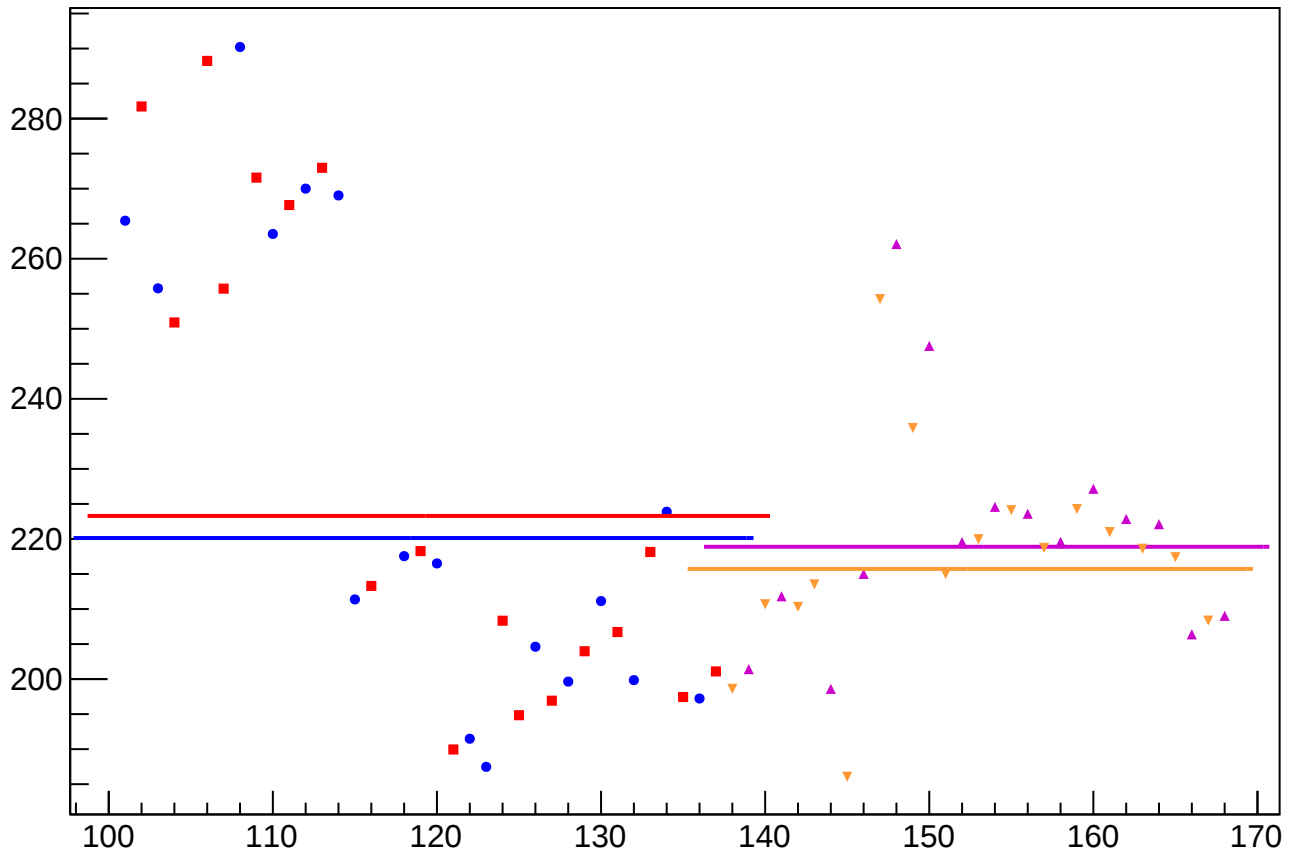
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -246.536 ± 62.223 $\chi^2/\text{NDF}: 20.5/15$
 Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$
 Left In: -317.698 ± 63.862 $\chi^2/\text{NDF}: 11.2/14$

Left: -281.192 ± 44.567 $\chi^2/\text{NDF}: 32.4/30$
 Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$
 In: -130.215 ± 51.193 $\chi^2/\text{NDF}: 44.8/31$
 Out: -141.921 ± 50.248 $\chi^2/\text{NDF}: 44.3/33$
 All: -136.177 ± 35.860 $\chi^2/\text{NDF}: 89.1/65$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 ± 0.061 $\chi^2/\text{NDF}: 228444.0/16$

Left Out: 215.723 ± 0.044 $\chi^2/\text{NDF}: 107929.4/15$

Right Out: 223.287 ± 0.060 $\chi^2/\text{NDF}: 272255.2/17$

Left In: 218.885 ± 0.045 $\chi^2/\text{NDF}: 111903.6/14$

Left: 217.263 ± 0.032 $\chi^2/\text{NDF}: 222347.8/30$

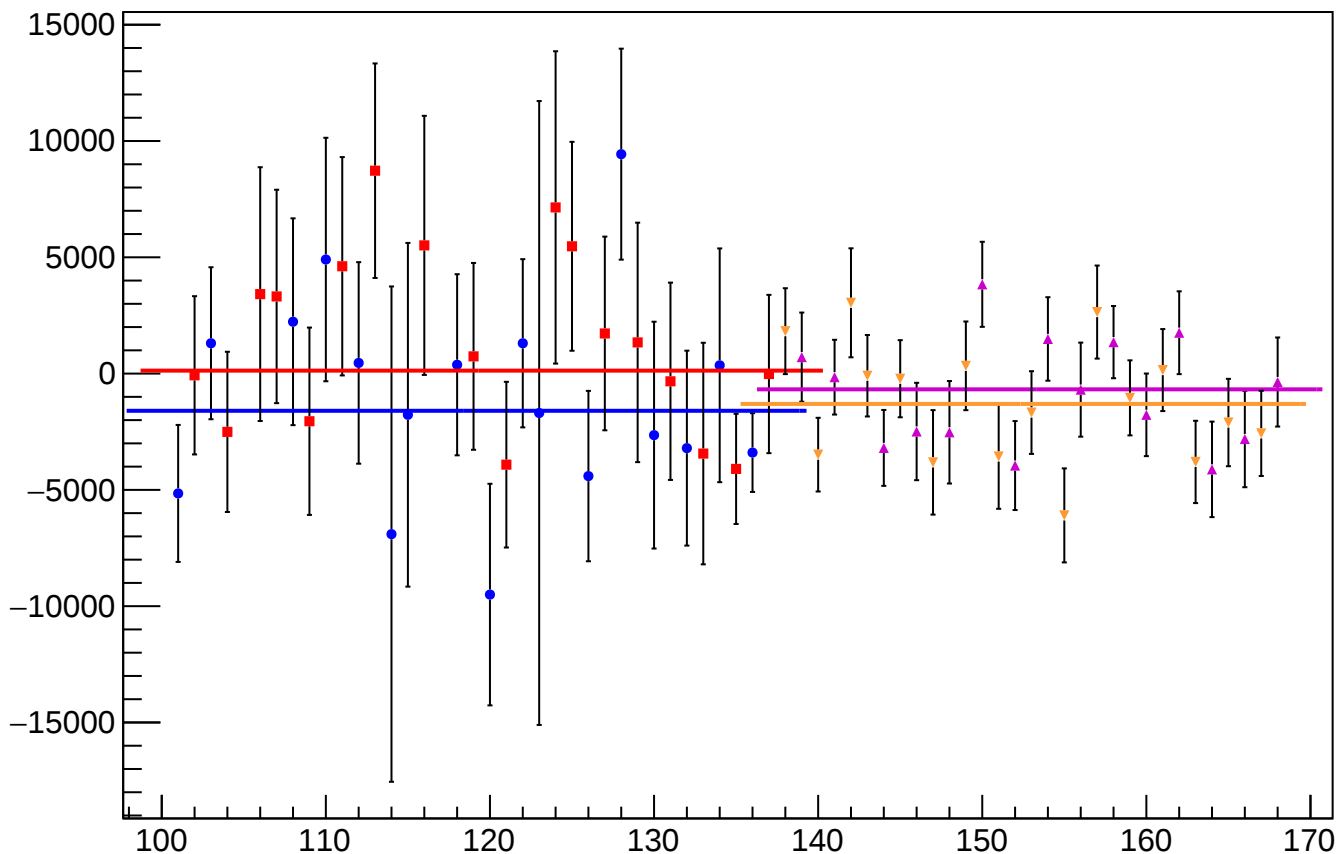
Right: 221.718 ± 0.043 $\chi^2/\text{NDF}: 502063.5/34$

In: 219.331 ± 0.036 $\chi^2/\text{NDF}: 340620.6/31$

Out: 218.354 ± 0.036 $\chi^2/\text{NDF}: 390467.7/33$

All: 218.833 ± 0.025 $\chi^2/\text{NDF}: 731458.8/65$

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1304.252 $\pm$ 463.641 χ^2 /NDF: 25.0/15

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -677.028 $\pm$ 477.454 χ^2 /NDF: 22.8/14

Left: -999.843 $\pm$ 332.620 χ^2 /NDF: 48.7/30

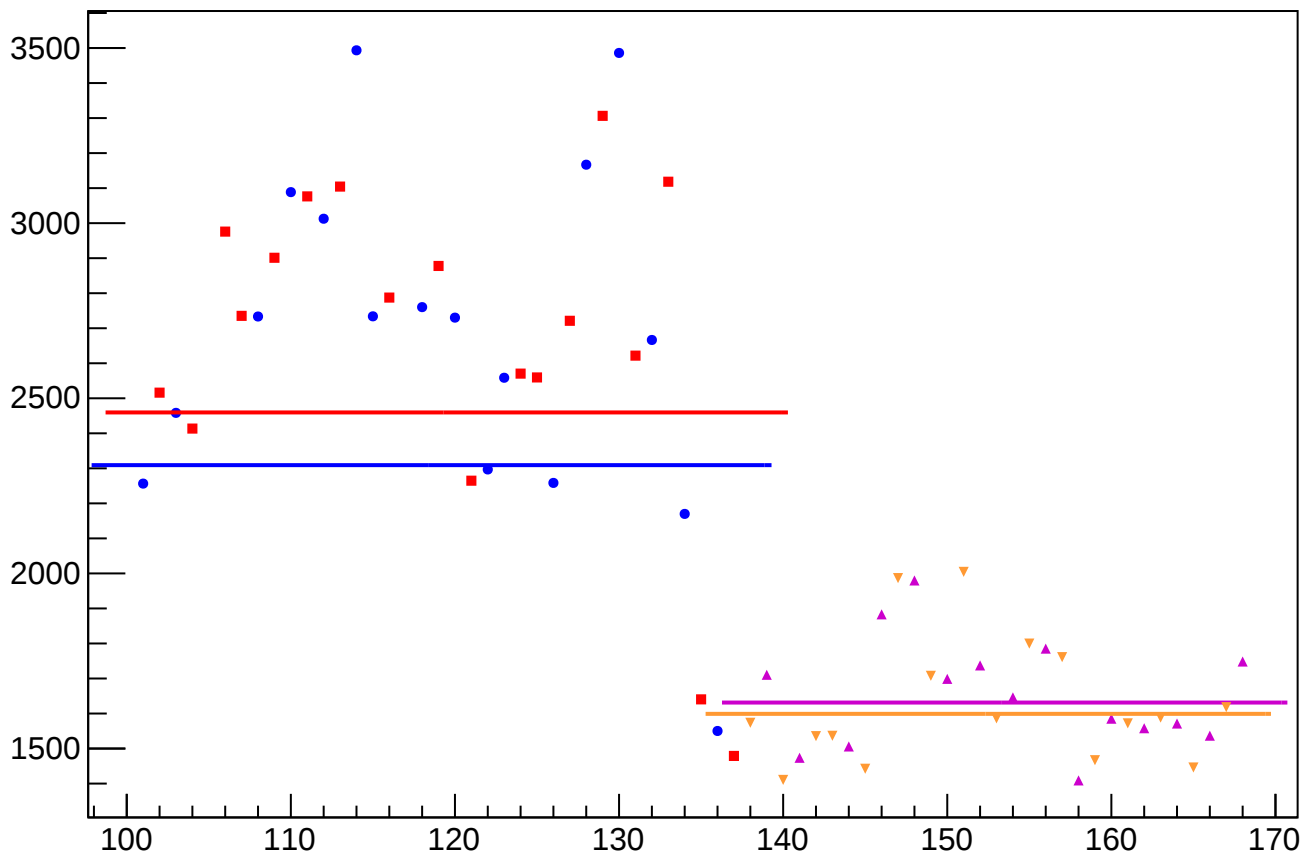
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -872.316 $\pm$ 423.885 χ^2 /NDF: 40.2/31

Out: -1028.355 $\pm$ 416.591 χ^2 /NDF: 41.7/33

All: -951.689 $\pm$ 297.119 χ^2 /NDF: 82.0/65

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1599.072+/-0.328 χ^2/NDF : 241998.0/15

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1631.338+/-0.338 χ^2/NDF : 193182.7/14

Left: 1614.732+/-0.235 χ^2/NDF : 439881.6/30

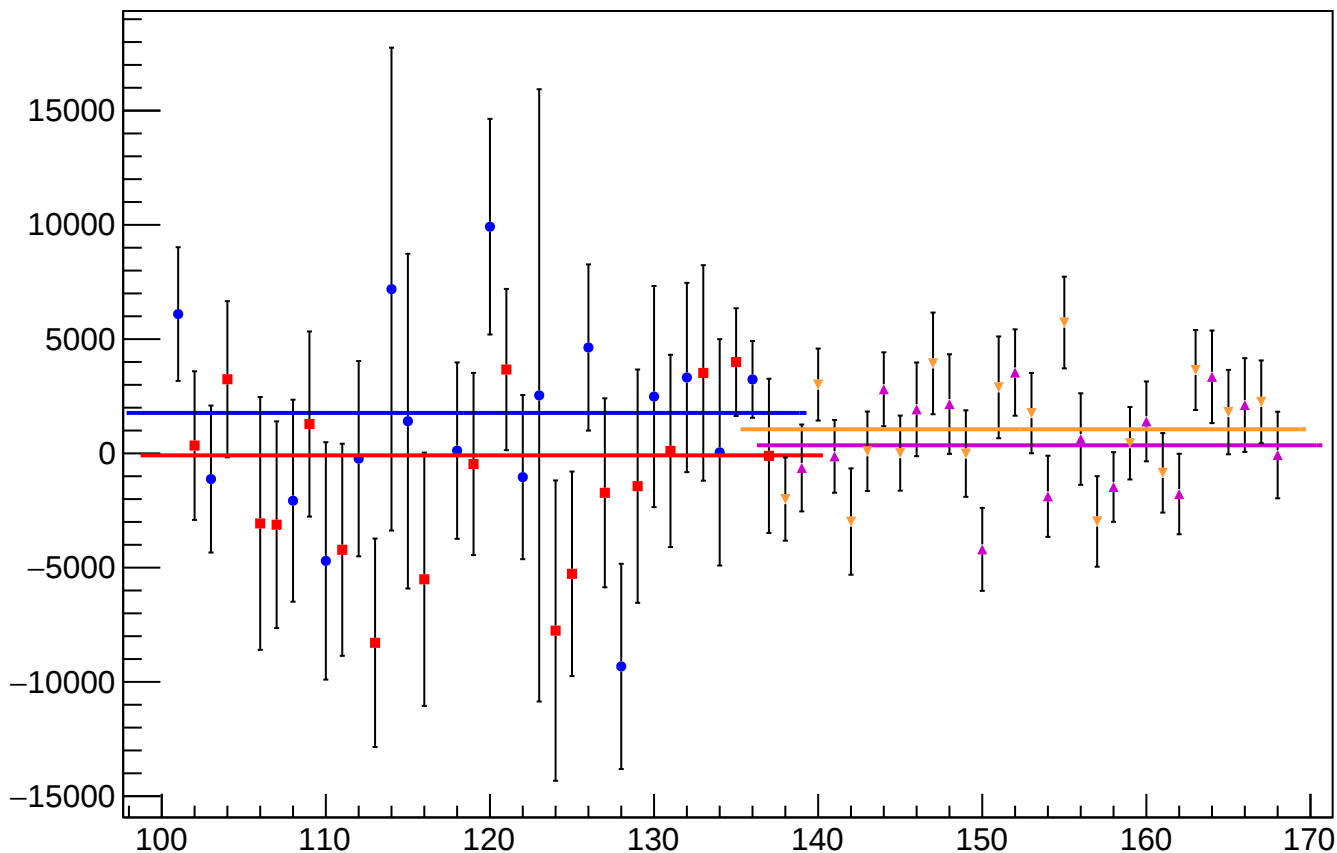
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1774.898+/-0.300 χ^2/NDF : 1847600.2/31

Out: 1764.865+/-0.295 χ^2/NDF : 2237569.4/33

All: 1769.795+/-0.210 χ^2/NDF : 4085739.5/65

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 1054.513 $\pm$ 458.667 χ^2/NDF : 24.6/15

Right Out: -86.080 $\pm$ 939.852 χ^2/NDF : 14.5/17

Left In: 353.668 $\pm$ 471.807 χ^2/NDF : 20.9/14

Left: 713.985 $\pm$ 328.874 χ^2/NDF : 46.7/30

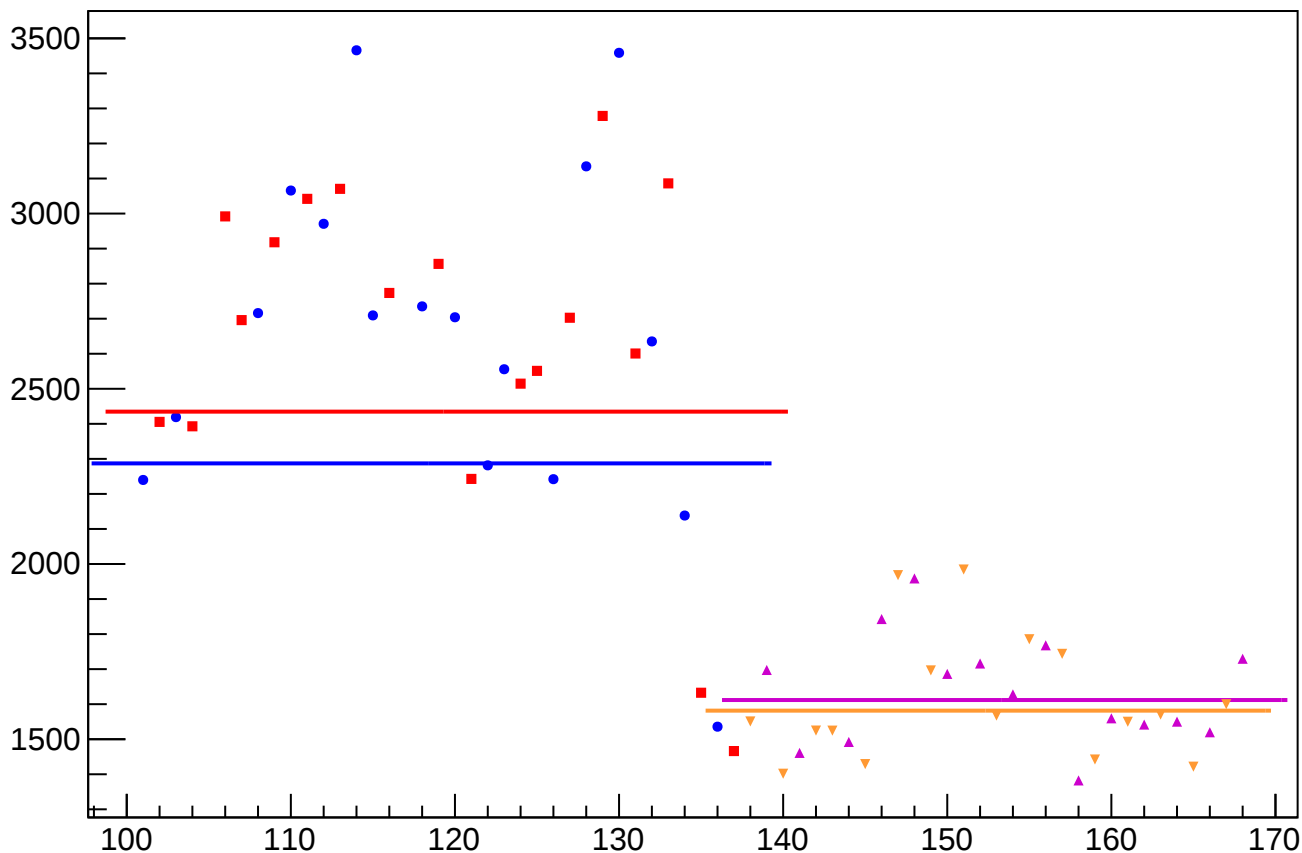
Right: 870.195 $\pm$ 654.628 χ^2/NDF : 33.8/34

In: 652.796 $\pm$ 419.084 χ^2/NDF : 40.2/31

Out: 835.117 $\pm$ 412.201 χ^2/NDF : 40.3/33

All: 745.466 $\pm$ 293.873 χ^2/NDF : 80.5/65

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1581.565+/-0.324 χ^2/NDF : 245939.4/15

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1611.842+/-0.334 χ^2/NDF : 194765.8/14

Left: 1596.276+/-0.233 χ^2/NDF : 444939.6/30

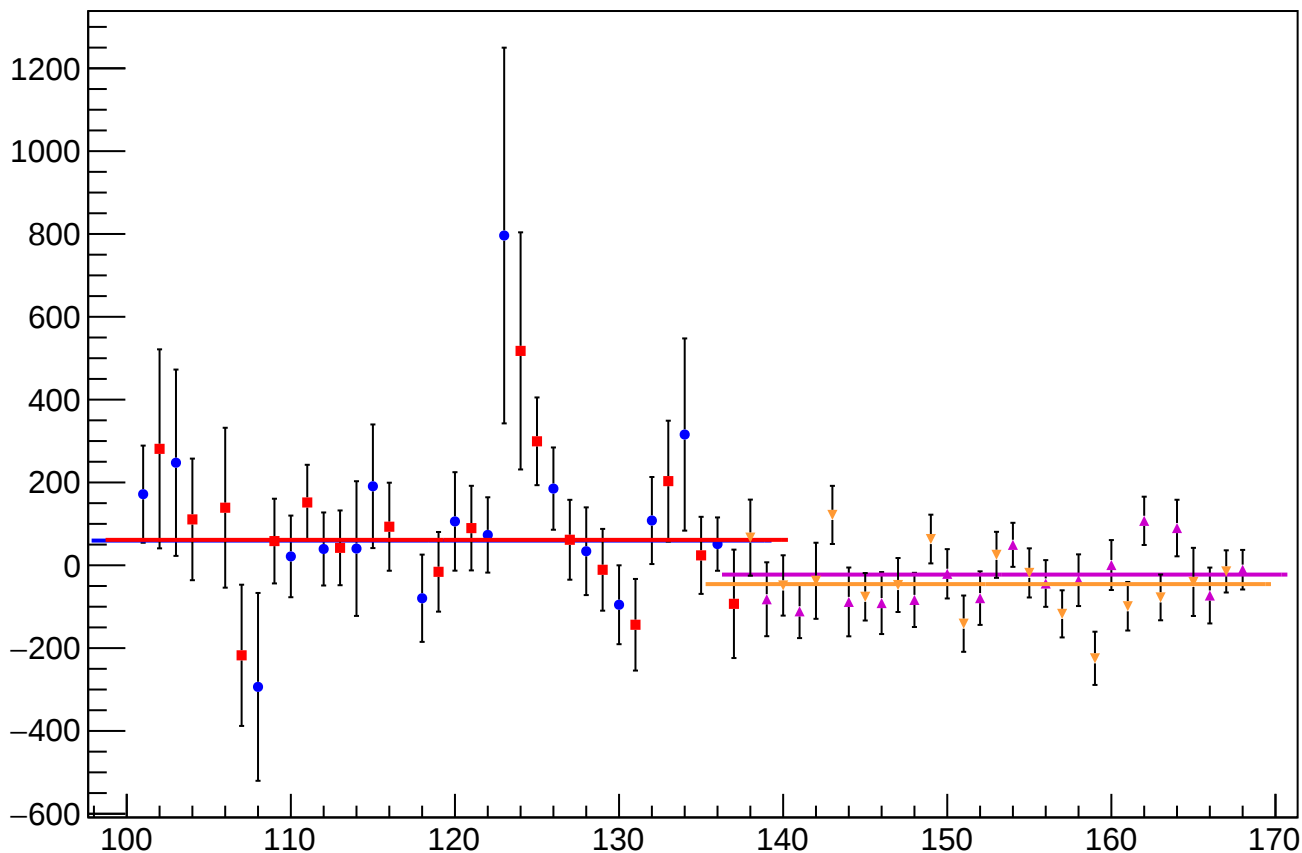
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1754.327+/-0.296 χ^2/NDF : 1858619.4/31

Out: 1745.684+/-0.291 χ^2/NDF : 2244114.7/33

All: 1749.934+/-0.208 χ^2/NDF : 4103166.5/65

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: -45.446 $\pm$ 15.843 χ^2 /NDF:25.6/15

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -22.463 $\pm$ 16.202 χ^2 /NDF:15.9/14

Left: -34.212 $\pm$ 11.327 χ^2 /NDF: 42.5/30

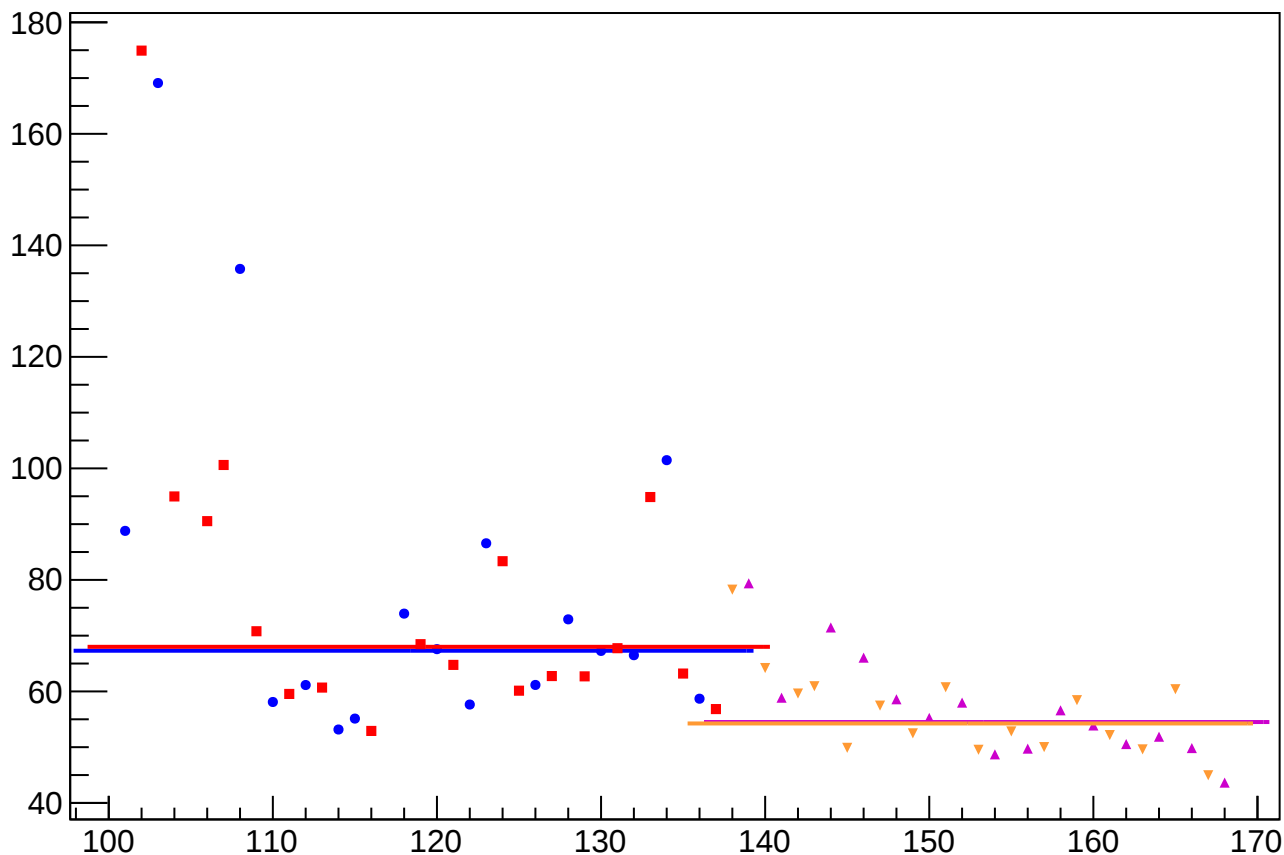
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -0.816 $\pm$ 13.903 χ^2 /NDF:38.0/31

Out: -18.098 $\pm$ 13.665 χ^2 /NDF:56.9/33

All: -9.606 $\pm$ 9.746 χ^2 /NDF: 95.7/65

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: 54.252 $\pm$ 0.011 χ^2 /NDF: 364698.0/15

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 54.509 $\pm$ 0.011 χ^2 /NDF: 475252.1/14

Left: 54.378 $\pm$ 0.008 χ^2 /NDF: 840208.8/30

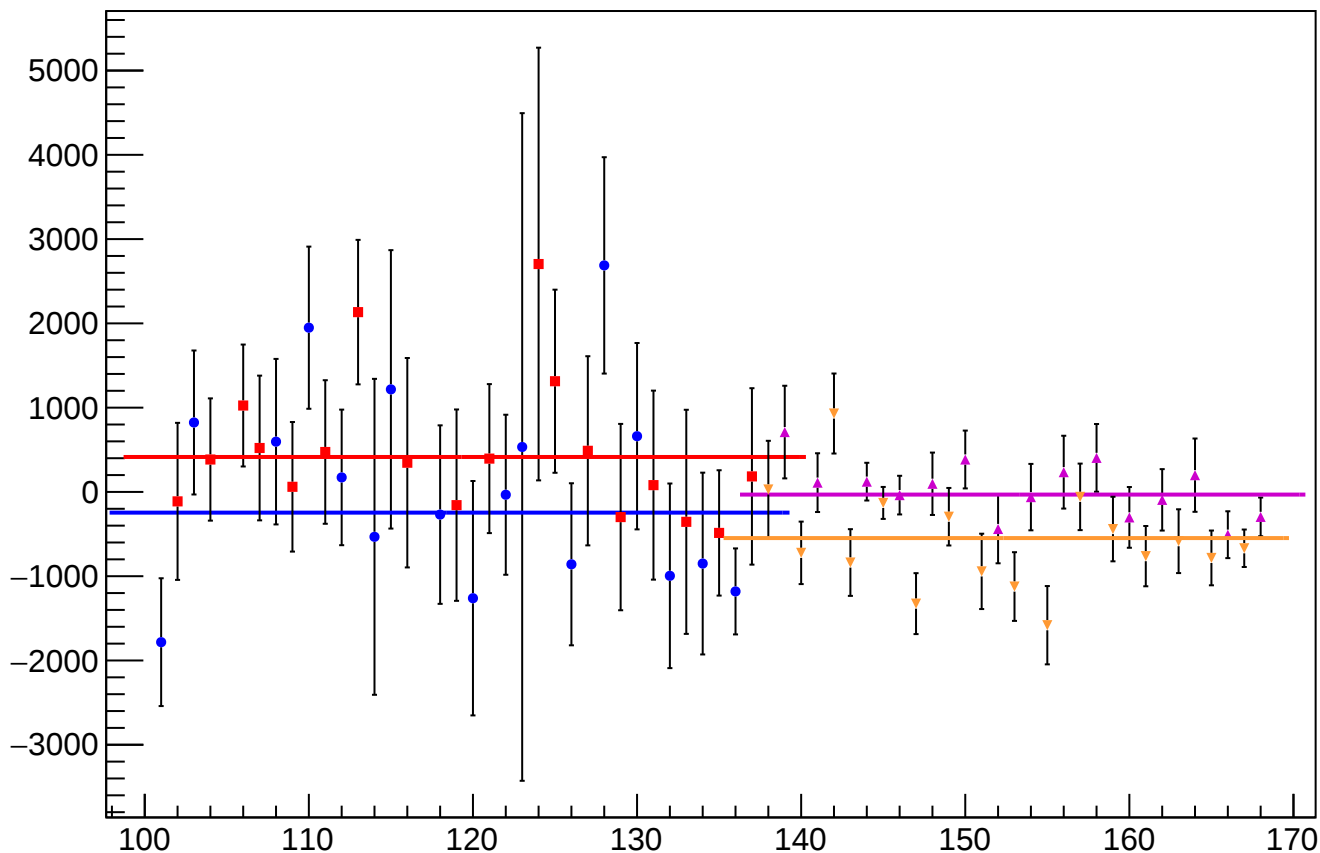
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 57.880 $\pm$ 0.010 χ^2 /NDF: 1645019.1/31

Out: 57.770 $\pm$ 0.010 χ^2 /NDF: 1504450.3/33

All: 57.824 $\pm$ 0.007 χ^2 /NDF: 3149533.1/65

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: -547.574 $\pm$ 84.966 χ^2 /NDF:32.0/15

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: -31.546 $\pm$ 83.696 χ^2 /NDF:11.7/14

Left: -285.675 $\pm$ 59.626 χ^2 /NDF: 62.5/30

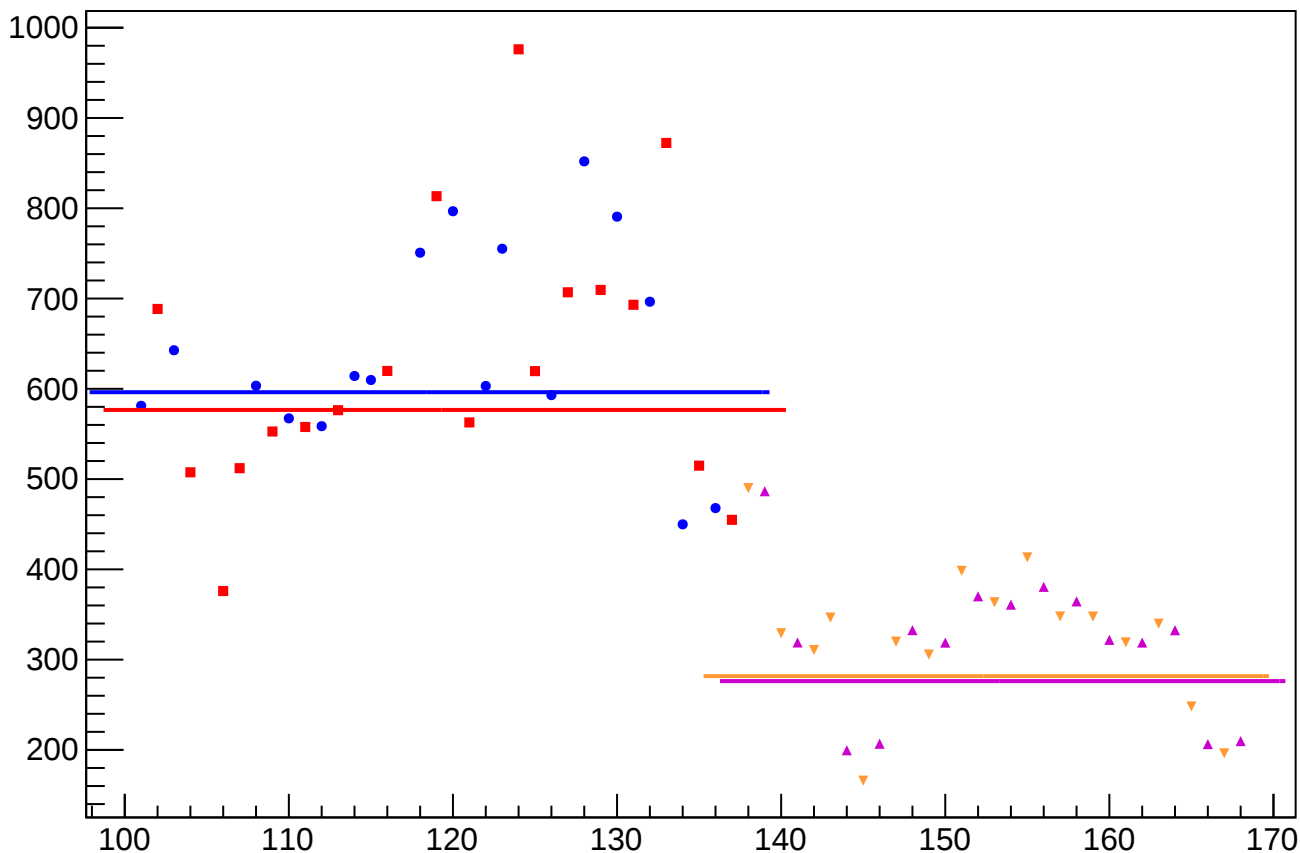
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: -55.572 $\pm$ 78.860 χ^2 /NDF:36.2/31

Out: -425.383 $\pm$ 79.388 χ^2 /NDF:57.7/33

All: -239.243 $\pm$ 55.948 χ^2 /NDF: 104.8/65

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 281.748+/-0.060 χ^2/NDF : 2010475.8/15

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 276.231+/-0.059 χ^2/NDF : 1616531.2/14

Left: 278.948+/-0.042 χ^2/NDF : 3631285.8/30

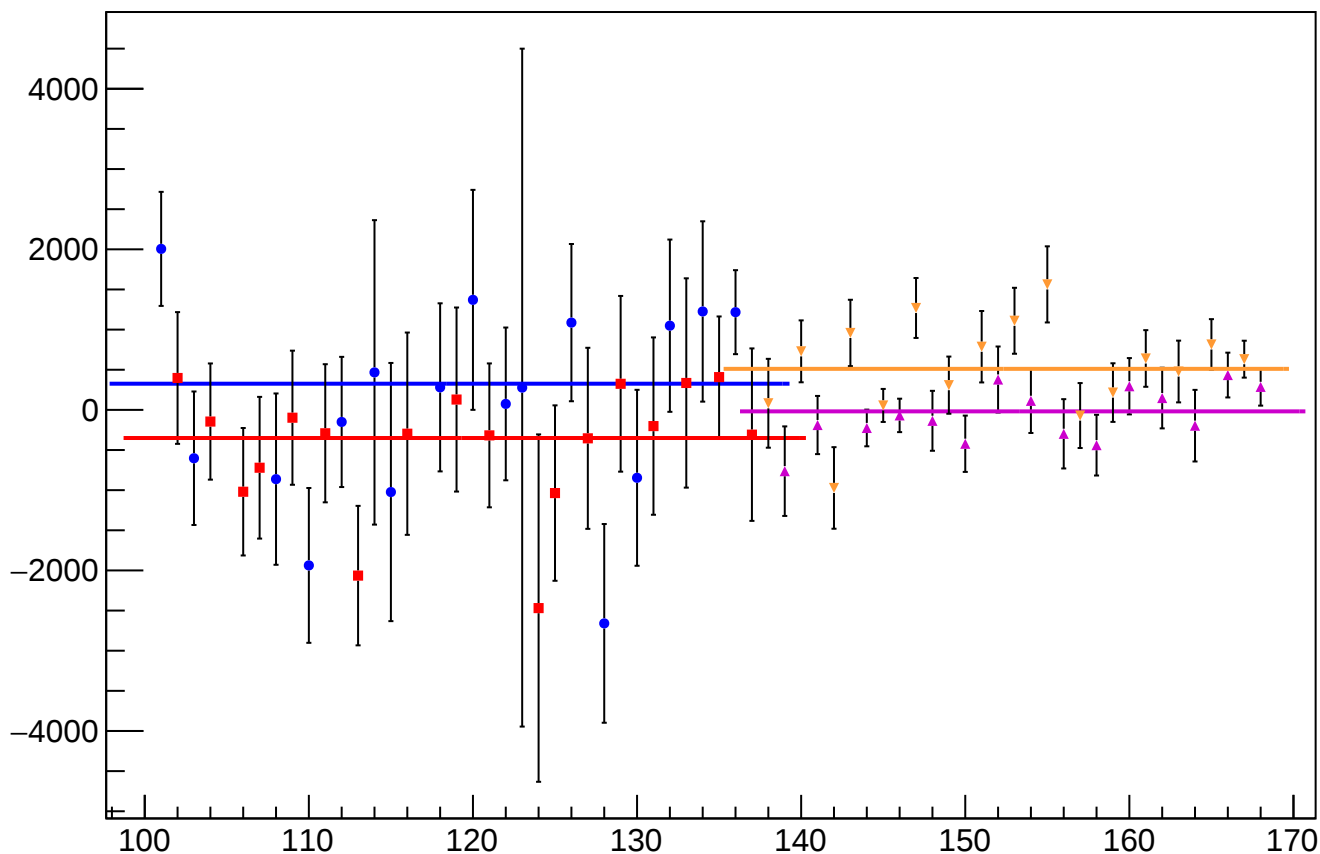
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 312.144+/-0.056 χ^2/NDF : 5319977.2/31

Out: 319.189+/-0.056 χ^2/NDF : 5642729.5/33

All: 315.643+/-0.040 χ^2/NDF : 10970634.0/65

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 511.130 ± 87.297 $\chi^2/\text{NDF}: 31.5/15$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: -18.551 ± 83.283 $\chi^2/\text{NDF}: 12.5/14$

Left: 233.834 ± 60.259 $\chi^2/\text{NDF}: 63.2/30$

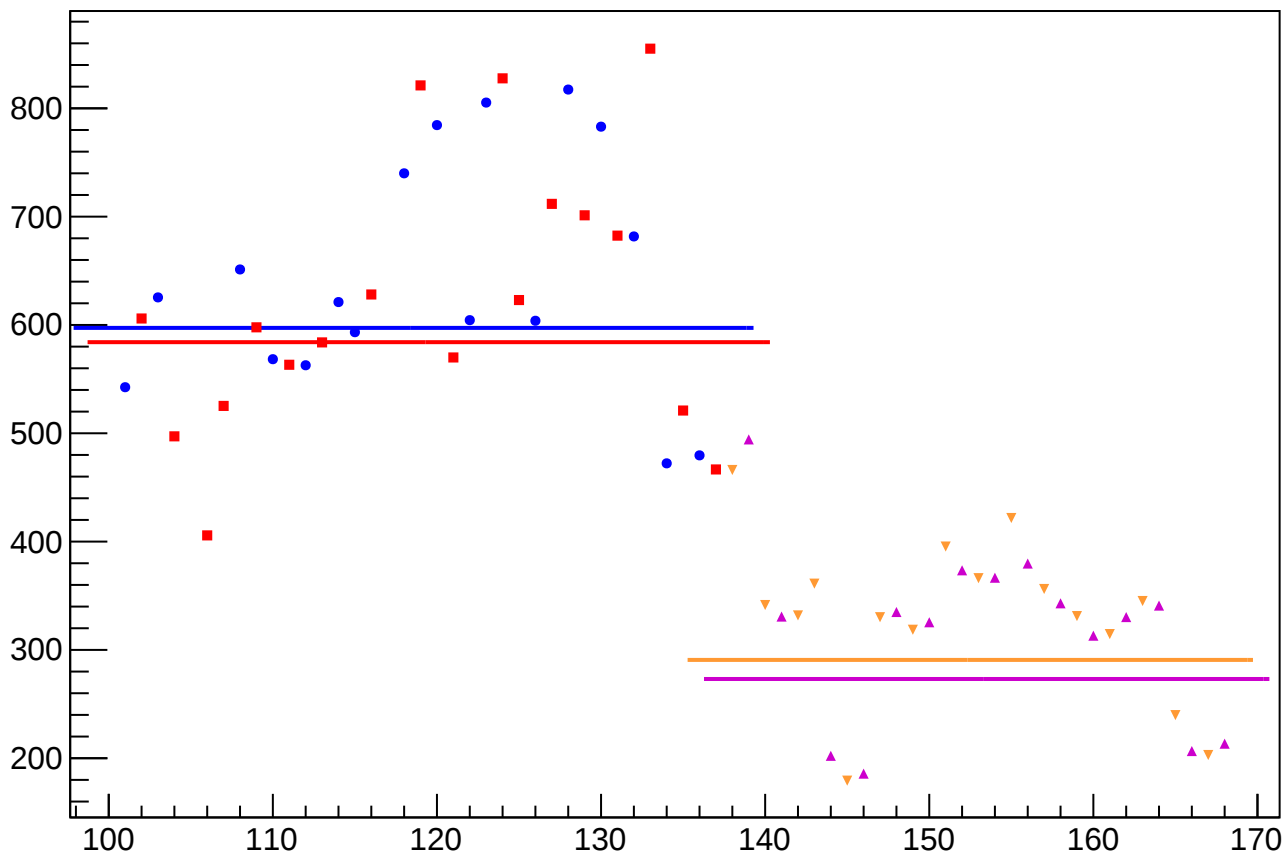
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: 19.730 ± 78.522 $\chi^2/\text{NDF}: 41.2/31$

Out: 398.632 ± 81.398 $\chi^2/\text{NDF}: 53.2/33$

All: 202.368 ± 56.513 $\chi^2/\text{NDF}: 105.7/65$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 290.768 $\pm$ 0.062 χ^2/NDF :1729083.5/15

Right Out: 584.112 $\pm$ 0.159 χ^2/NDF : 446882.7/17

Left In: 273.154 $\pm$ 0.059 χ^2/NDF :1789930.7/14

Left: 281.547 $\pm$ 0.043 χ^2/NDF : 3561637.4/30

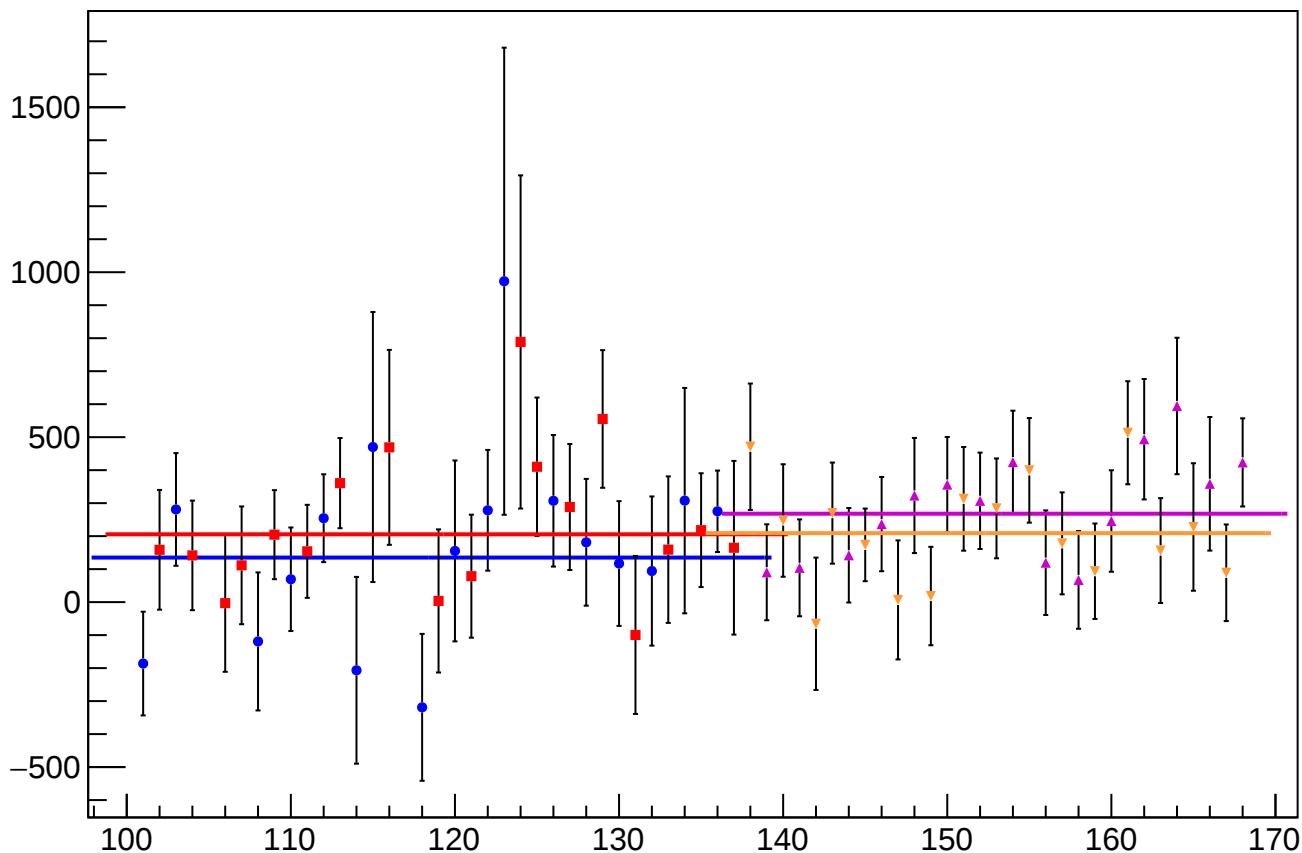
Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34

In: 309.160 $\pm$ 0.056 χ^2/NDF :5518860.9/31

Out: 329.073 $\pm$ 0.058 χ^2/NDF :5124922.8/33

All: 318.758 $\pm$ 0.040 χ^2/NDF : 10705784.1/65

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 209.069 ± 39.074 $\chi^2/\text{NDF}: 14.3/15$

Right Out: 205.590 ± 44.536 $\chi^2/\text{NDF}: 12.0/17$

Left In: 267.997 ± 40.105 $\chi^2/\text{NDF}: 13.4/14$

Left: 237.767 ± 27.987 $\chi^2/\text{NDF}: 28.9/30$

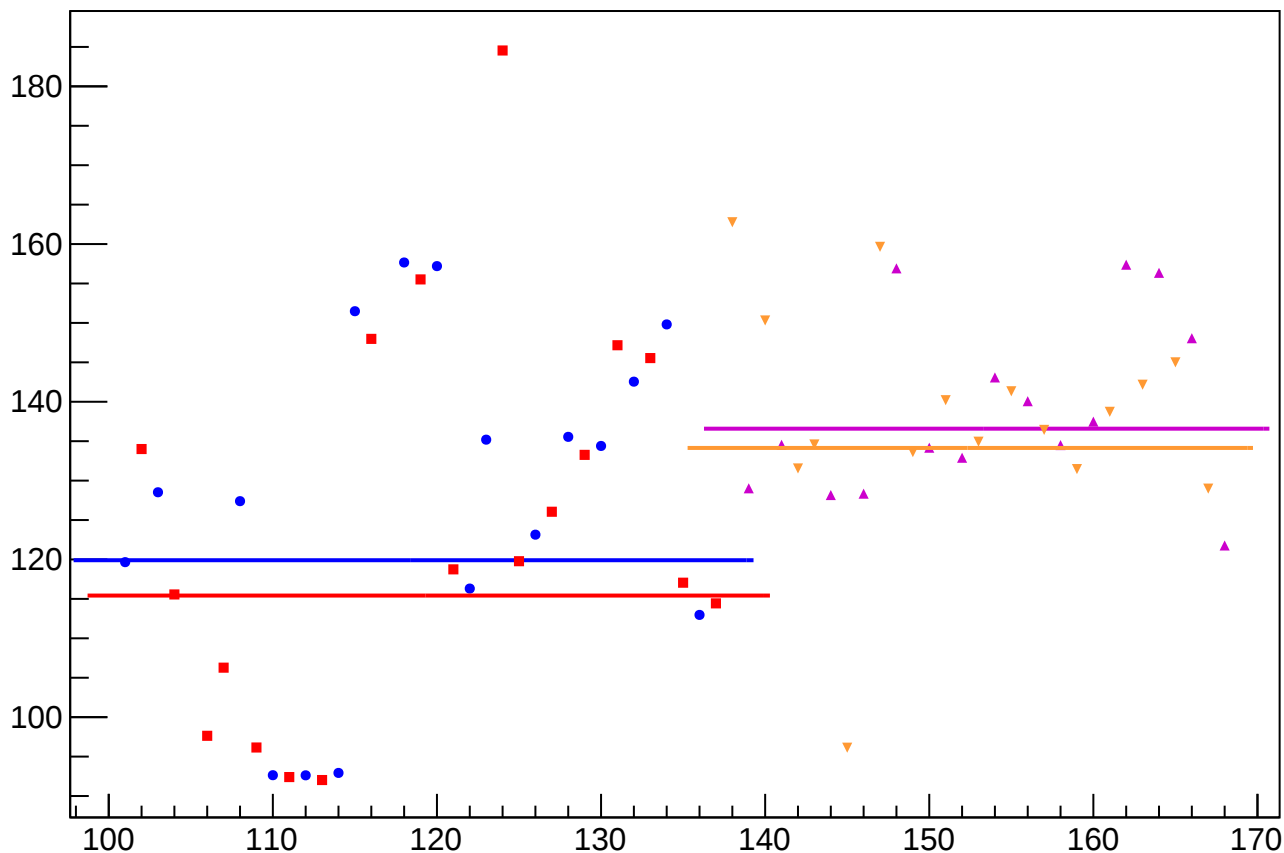
Right: 172.226 ± 32.336 $\chi^2/\text{NDF}: 31.3/34$

In: 212.008 ± 30.514 $\chi^2/\text{NDF}: 36.1/31$

Out: 207.556 ± 29.372 $\chi^2/\text{NDF}: 26.4/33$

All: 209.697 ± 21.161 $\chi^2/\text{NDF}: 62.5/65$

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 134.144 $\pm$ 0.028 χ^2 /NDF:365404.5/15

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 136.586 $\pm$ 0.028 χ^2 /NDF:128489.0/14

Left: 135.333 $\pm$ 0.020 χ^2 /NDF: 497698.3/30

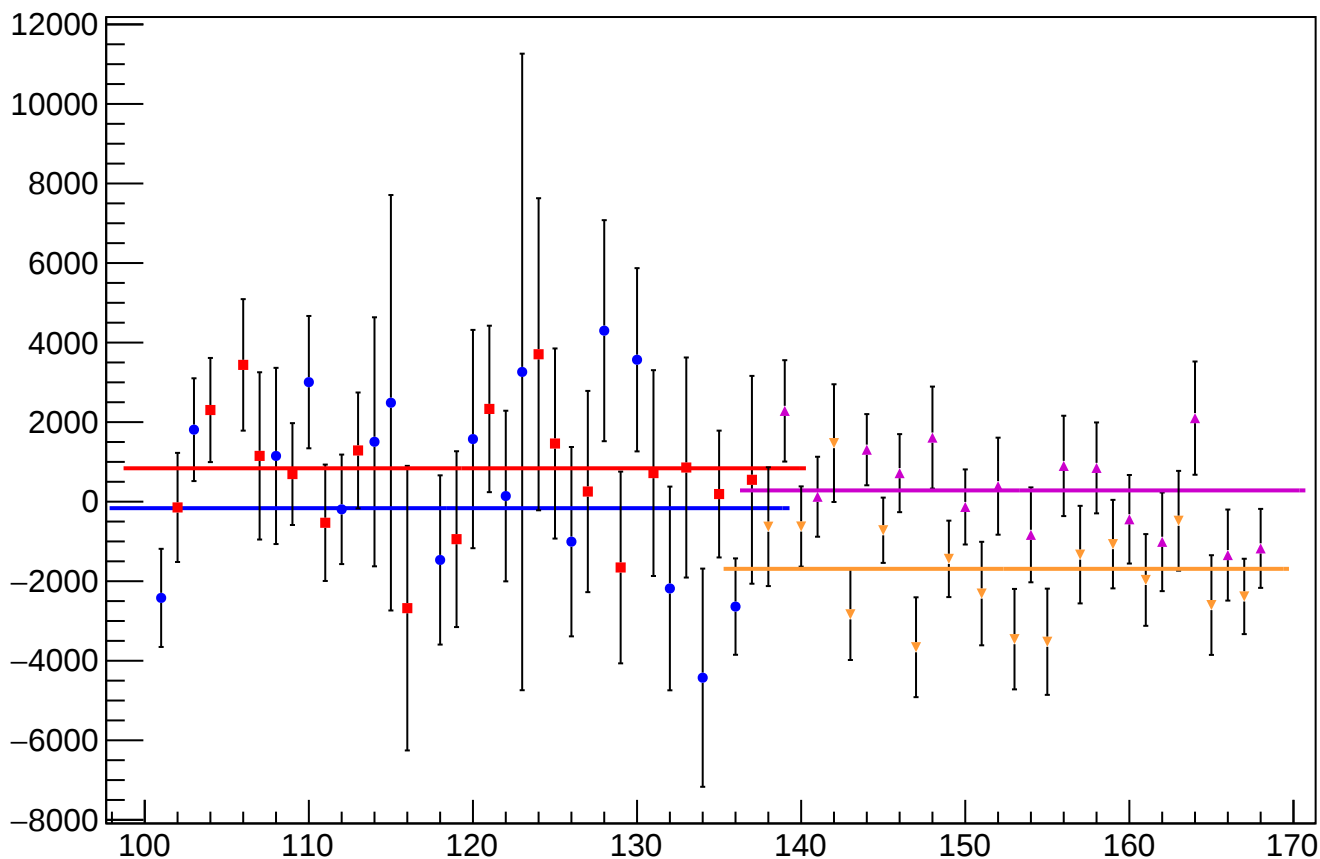
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 129.561 $\pm$ 0.022 χ^2 /NDF:619719.1/31

Out: 126.000 $\pm$ 0.021 χ^2 /NDF:983202.8/33

All: 127.713 $\pm$ 0.015 χ^2 /NDF: 1617058.1/65

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1688.826 $\pm$ 285.850 χ^2 /NDF:17.6/15

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 283.029 $\pm$ 287.253 χ^2 /NDF:13.9/14

Left: -707.725 $\pm$ 202.621 χ^2 /NDF: 55.2/30

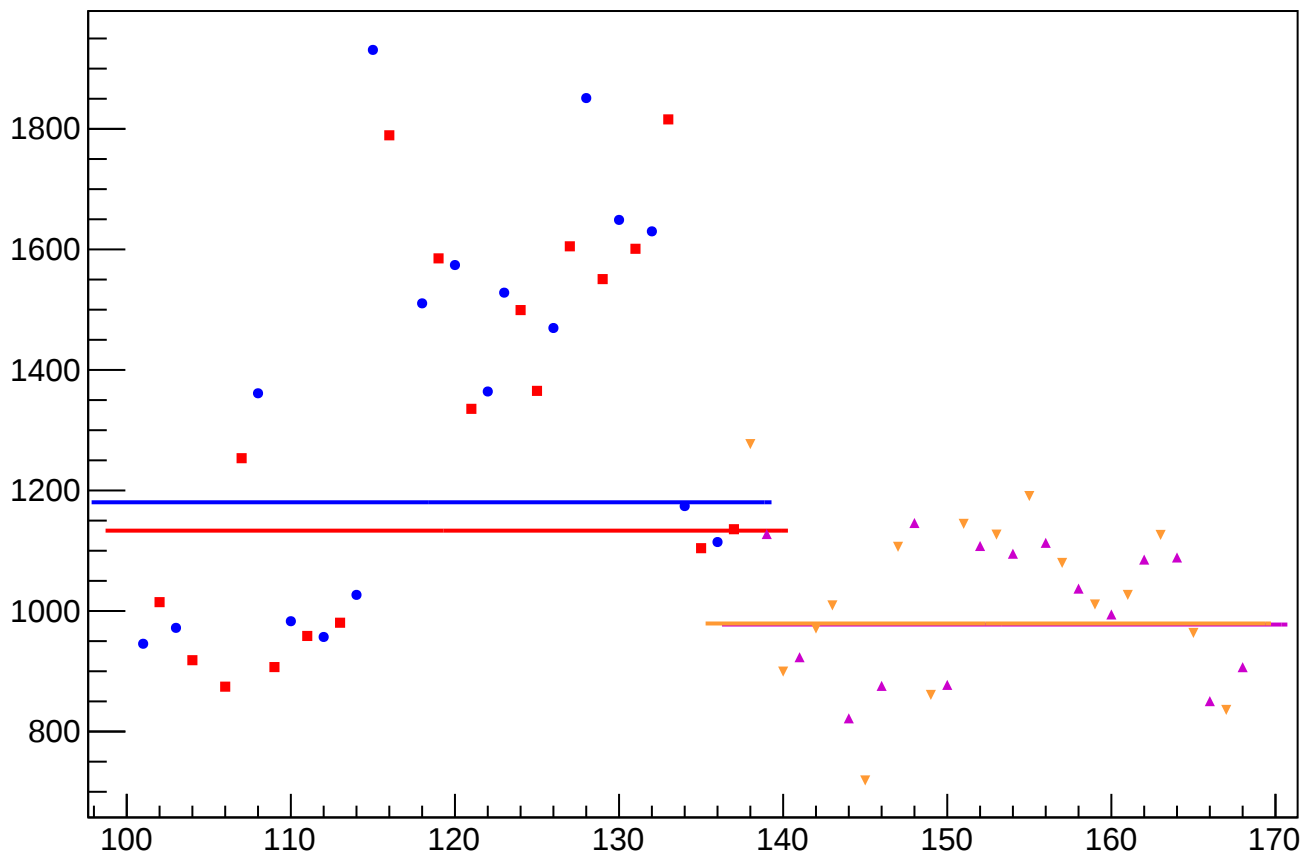
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 161.430 $\pm$ 245.043 χ^2 /NDF:38.3/31

Out: -939.669 $\pm$ 239.783 χ^2 /NDF:50.1/33

All: -401.062 $\pm$ 171.382 χ^2 /NDF: 98.7/65

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 979.271+/-0.202 χ^2/NDF : 547622.8/15

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 977.517+/-0.203 χ^2/NDF : 305993.7/14

Left: 978.398+/-0.143 χ^2/NDF : 853654.0/30

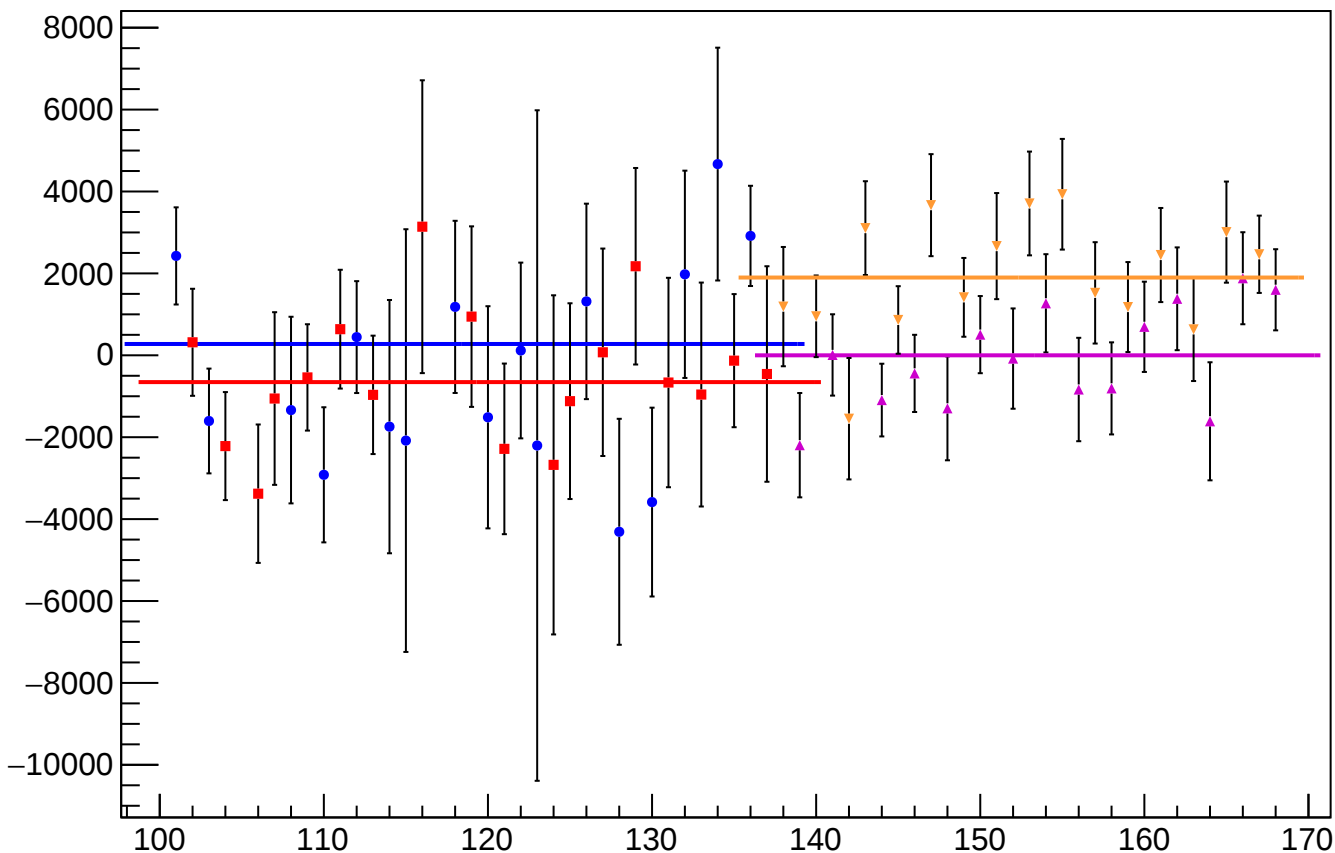
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1032.762+/-0.173 χ^2/NDF : 1246512.9/31

Out: 1024.930+/-0.170 χ^2/NDF : 1480211.4/33

All: 1028.761+/-0.121 χ^2/NDF : 2727767.9/65

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1899.009 $\pm$ 285.106 χ^2 /NDF:19.1/15

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -0.354 $\pm$ 285.094 χ^2 /NDF:16.4/14

Left: 949.288 $\pm$ 201.596 χ^2 /NDF: 57.7/30

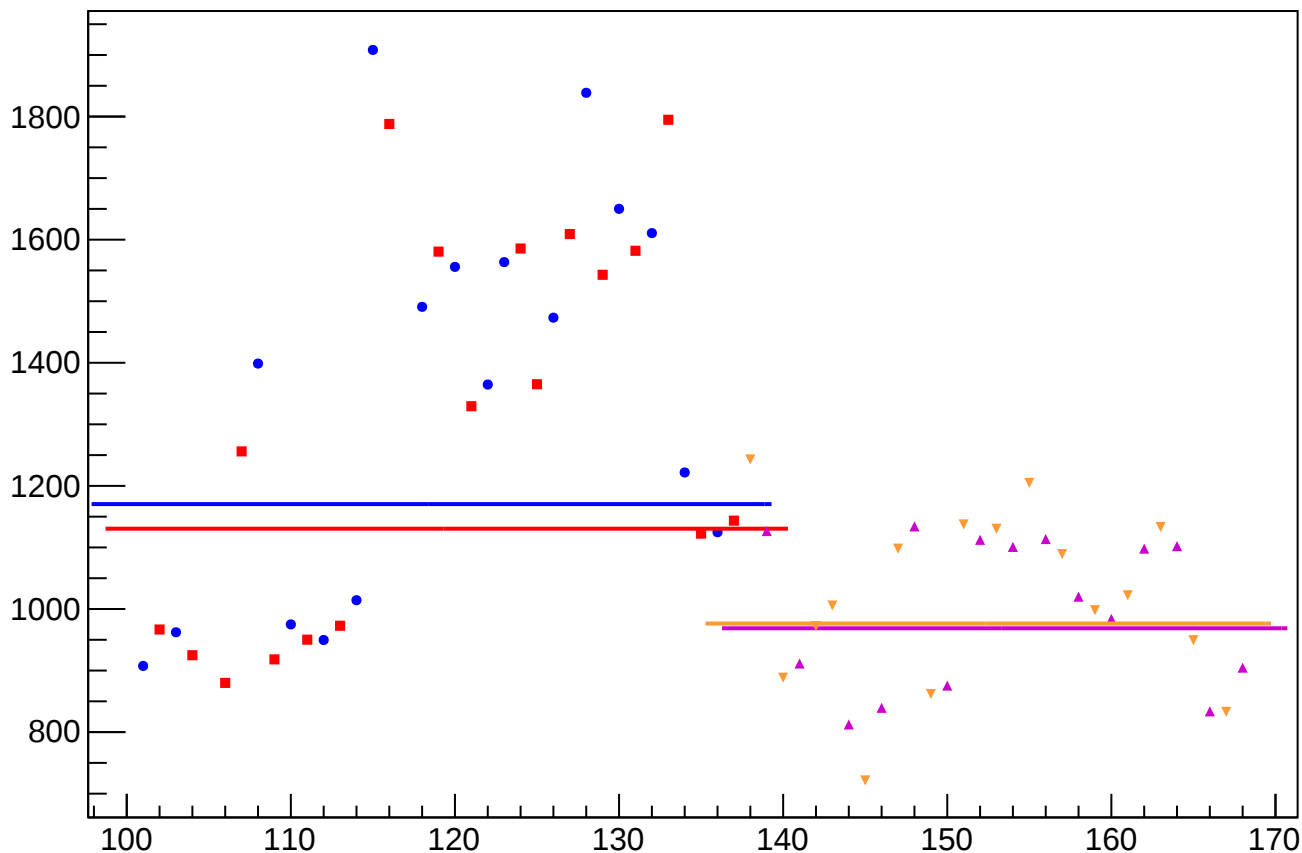
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: 74.926 $\pm$ 243.252 χ^2 /NDF:41.0/31

Out: 1143.522 $\pm$ 239.239 χ^2 /NDF:52.4/33

All: 618.112 $\pm$ 170.569 χ^2 /NDF: 103.2/65

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 976.410+/-0.202 χ^2/NDF : 538771.0/15

Right Out: 1130.456+/-0.311 χ^2/NDF : 763027.2/17

Left In: 968.654+/-0.202 χ^2/NDF : 348891.4/14

Left: 972.532+/-0.143 χ^2/NDF : 888402.3/30

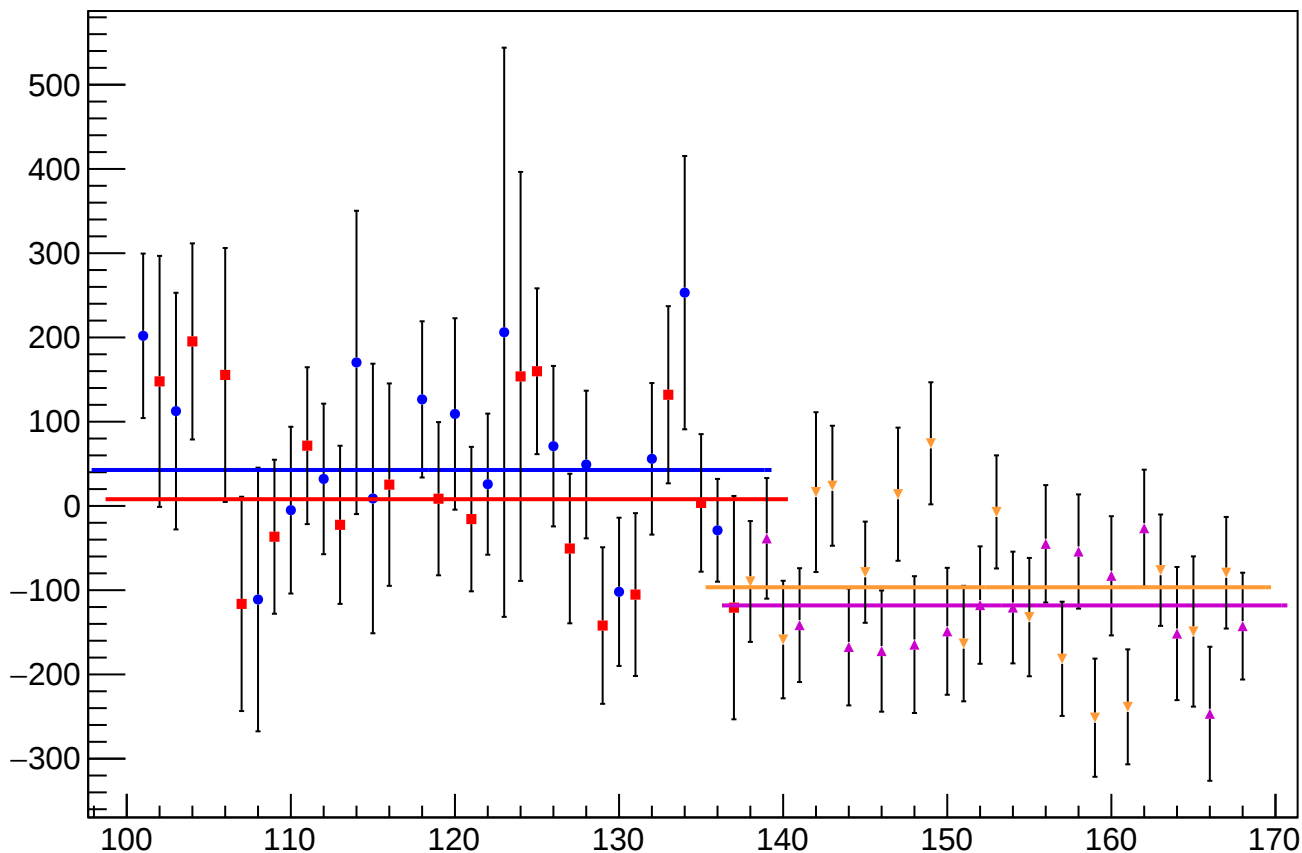
Right: 1149.259+/-0.226 χ^2/NDF : 1476279.7/34

In: 1023.528+/-0.172 χ^2/NDF : 1326794.4/31

Out: 1021.988+/-0.169 χ^2/NDF : 1474552.7/33

All: 1022.745+/-0.121 χ^2/NDF : 2801387.8/65

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -96.513 ± 17.700 $\chi^2/\text{NDF}: 26.9/15$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -118.090 ± 18.339 $\chi^2/\text{NDF}: 9.8/14$

Left: -106.919 ± 12.736 $\chi^2/\text{NDF}: 37.5/30$

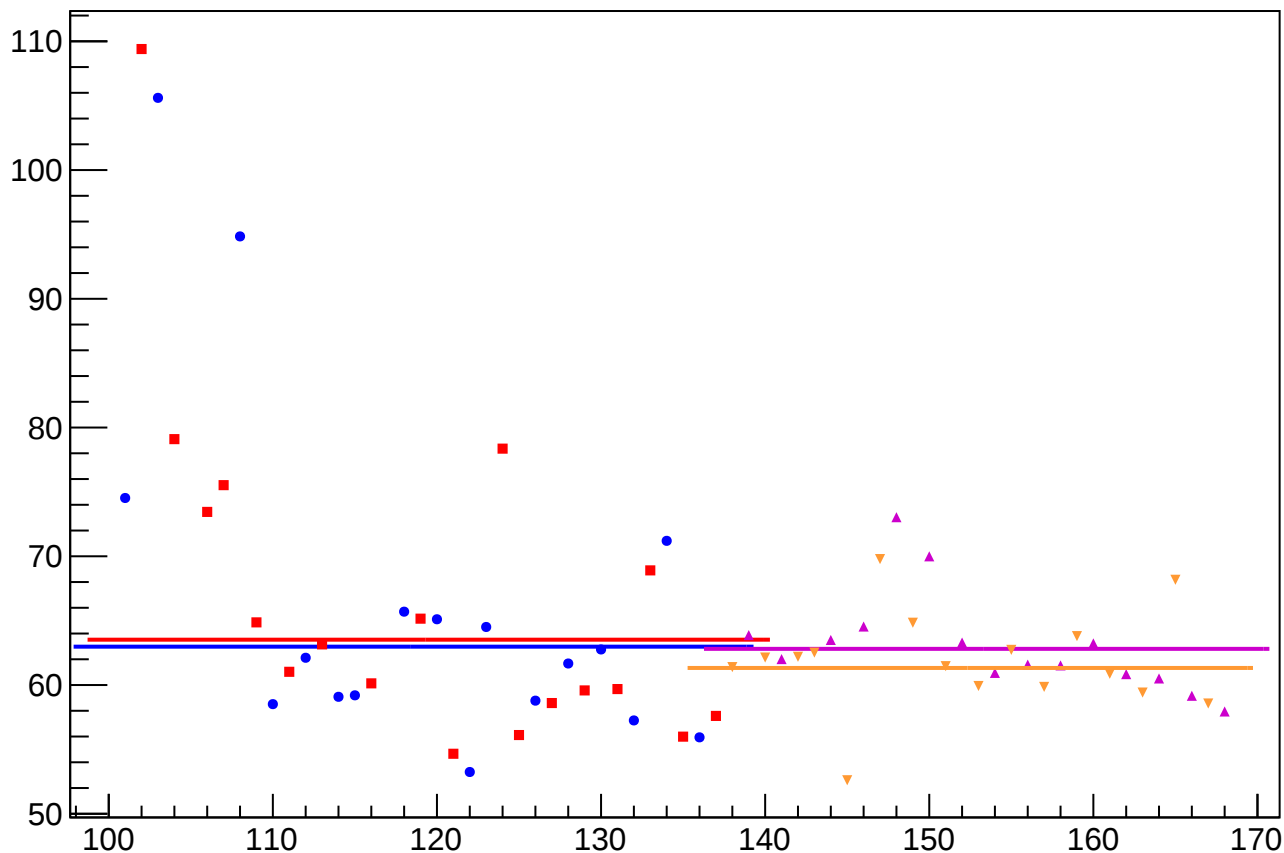
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -60.964 ± 14.724 $\chi^2/\text{NDF}: 49.1/31$

Out: -60.657 ± 14.346 $\chi^2/\text{NDF}: 54.7/33$

All: -60.806 ± 10.275 $\chi^2/\text{NDF}: 103.8/65$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 61.326 ± 0.013 $\chi^2/\text{NDF}: 92944.9/15$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 62.810 ± 0.013 $\chi^2/\text{NDF}: 74359.4/14$

Left: 62.042 ± 0.009 $\chi^2/\text{NDF}: 174080.0/30$

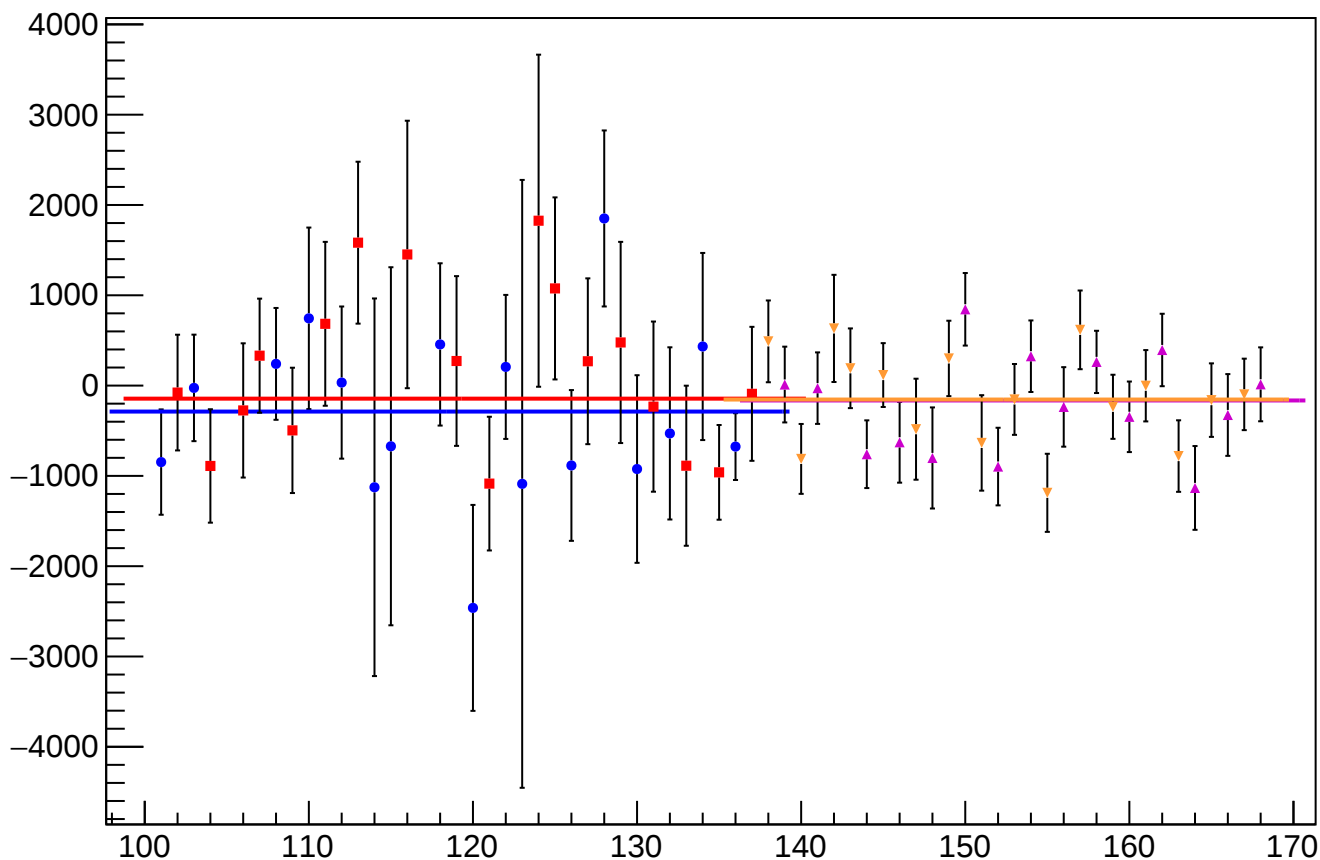
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 62.870 ± 0.010 $\chi^2/\text{NDF}: 449684.1/31$

Out: 62.080 ± 0.010 $\chi^2/\text{NDF}: 438938.0/33$

All: 62.465 ± 0.007 $\chi^2/\text{NDF}: 891580.3/65$

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -154.498 $\pm$ 105.237 χ^2 /NDF:21.8/15

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -164.747 $\pm$ 107.096 χ^2 /NDF:24.3/14

Left: -159.533 $\pm$ 75.062 χ^2 /NDF: 46.1/30

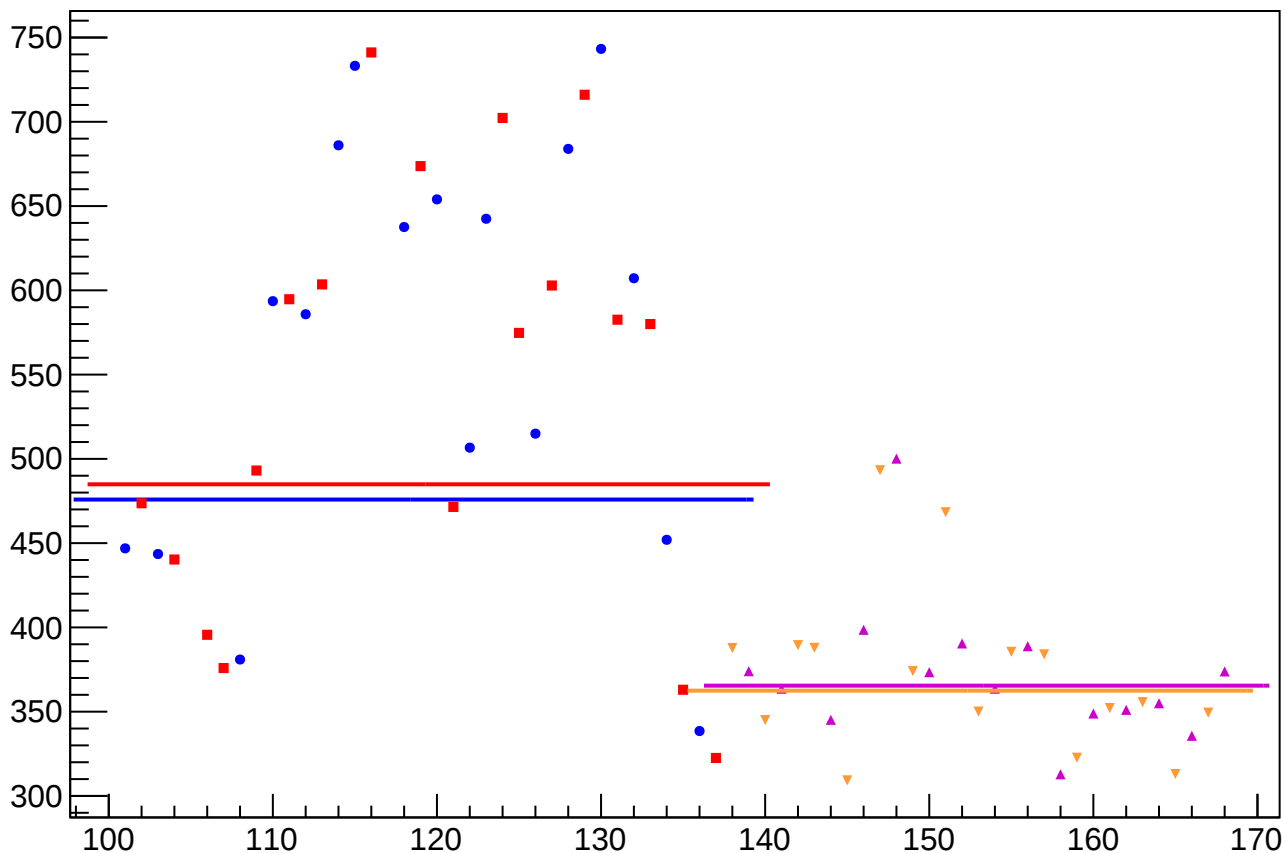
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -194.415 $\pm$ 93.283 χ^2 /NDF:40.0/31

Out: -152.138 $\pm$ 91.803 χ^2 /NDF:37.9/33

All: -172.938 $\pm$ 65.431 χ^2 /NDF: 78.0/65

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 362.468 $\pm$ 0.074 χ^2/NDF :328913.8/15

Right Out: 484.914 $\pm$ 0.133 χ^2/NDF : 716315.8/17

Left In: 365.444 $\pm$ 0.076 χ^2/NDF :209998.9/14

Left: 363.930 $\pm$ 0.053 χ^2/NDF : 539698.0/30

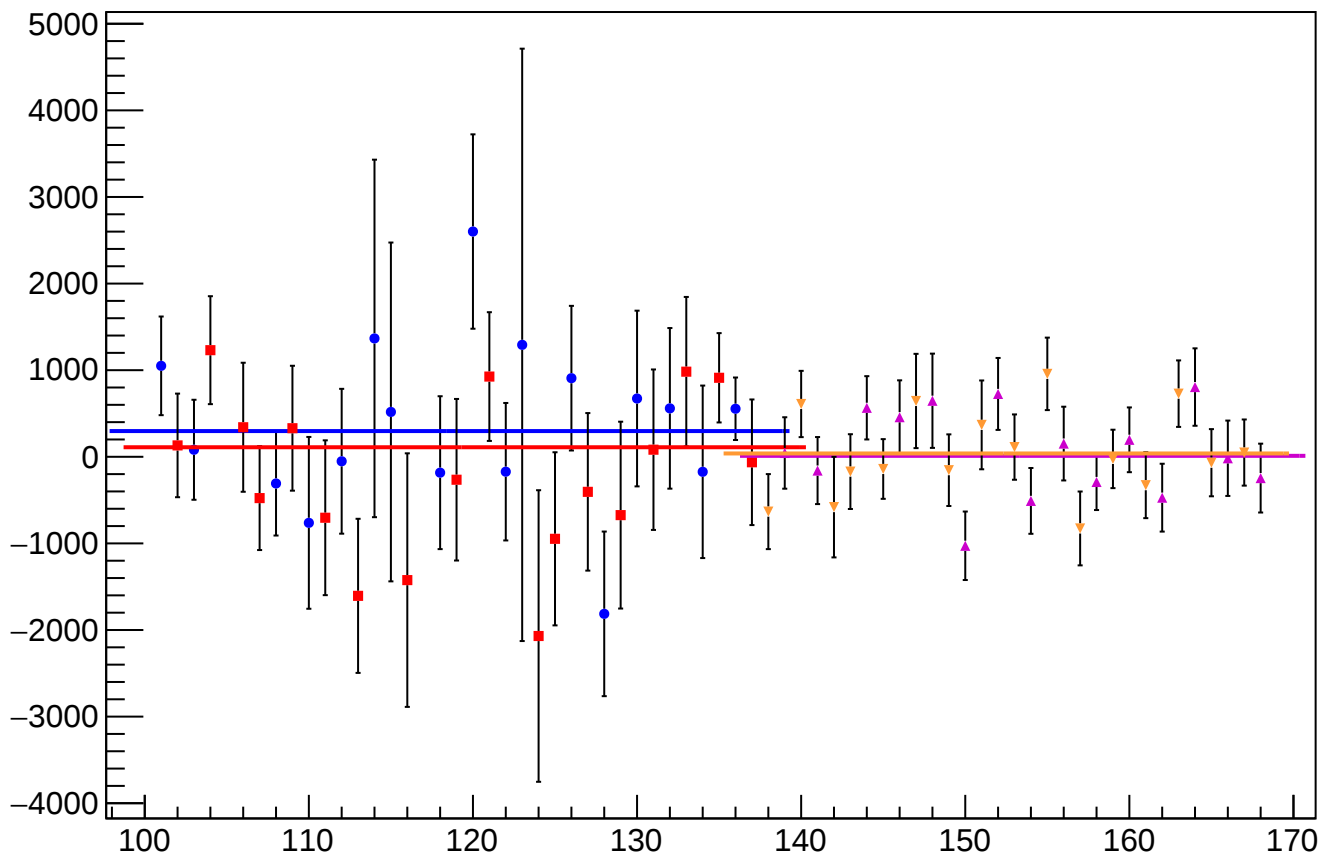
Right: 480.443 $\pm$ 0.094 χ^2/NDF : 1556417.6/34

In: 392.093 $\pm$ 0.066 χ^2/NDF :1560953.9/31

Out: 391.735 $\pm$ 0.065 χ^2/NDF :1692382.4/33

All: 391.911 $\pm$ 0.046 χ^2/NDF : 3253351.3/65

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: 38.438 $\pm$ 101.977 χ^2 /NDF:21.4/15

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 11.070 $\pm$ 103.479 χ^2 /NDF:23.0/14

Left: 24.954 $\pm$ 72.634 χ^2 /NDF: 44.5/30

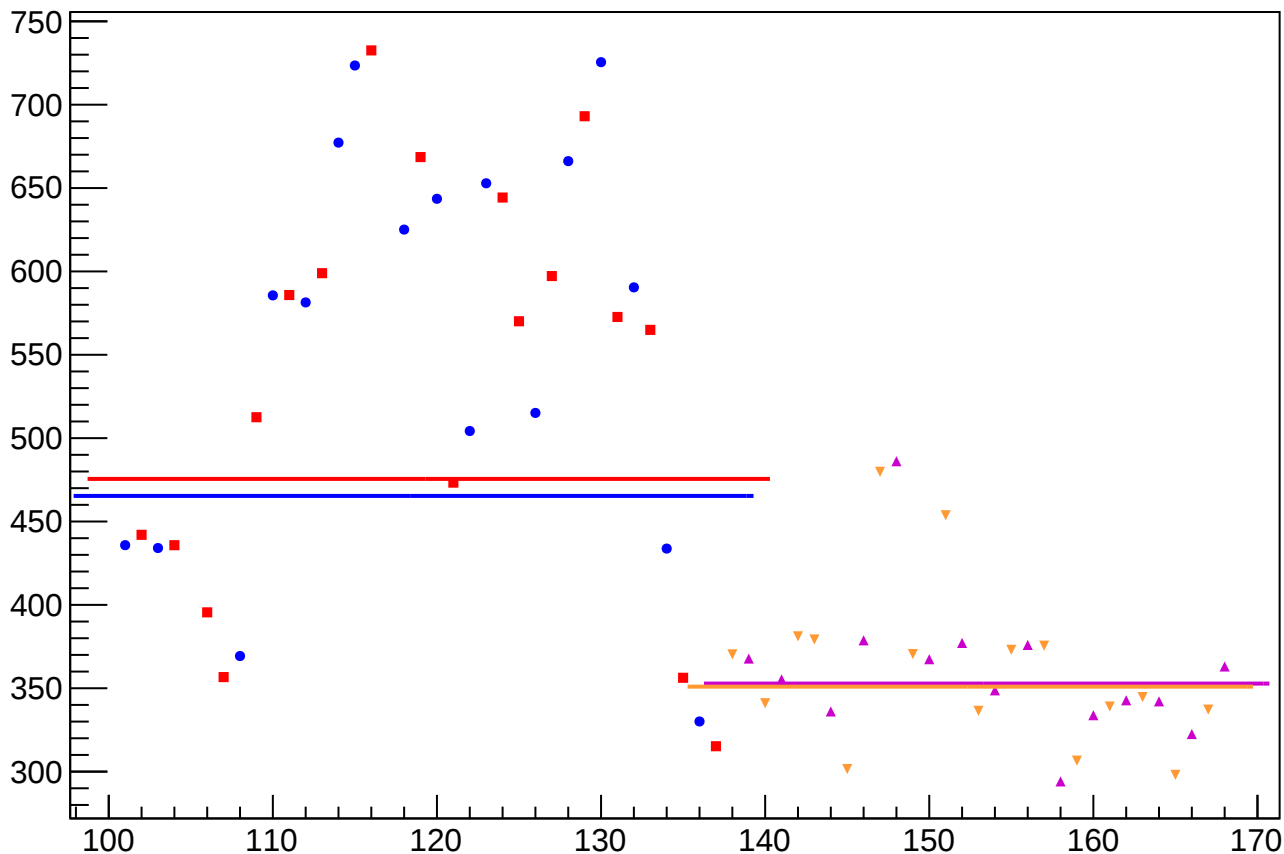
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 78.661 $\pm$ 90.424 χ^2 /NDF:40.7/31

Out: 55.231 $\pm$ 89.240 χ^2 /NDF:40.1/33

All: 66.792 $\pm$ 63.516 χ^2 /NDF: 80.8/65

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 350.950+/-0.072 χ^2/NDF : 349534.1/15

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 352.799+/-0.073 χ^2/NDF : 234408.7/14

Left: 351.861+/-0.051 χ^2/NDF : 584266.6/30

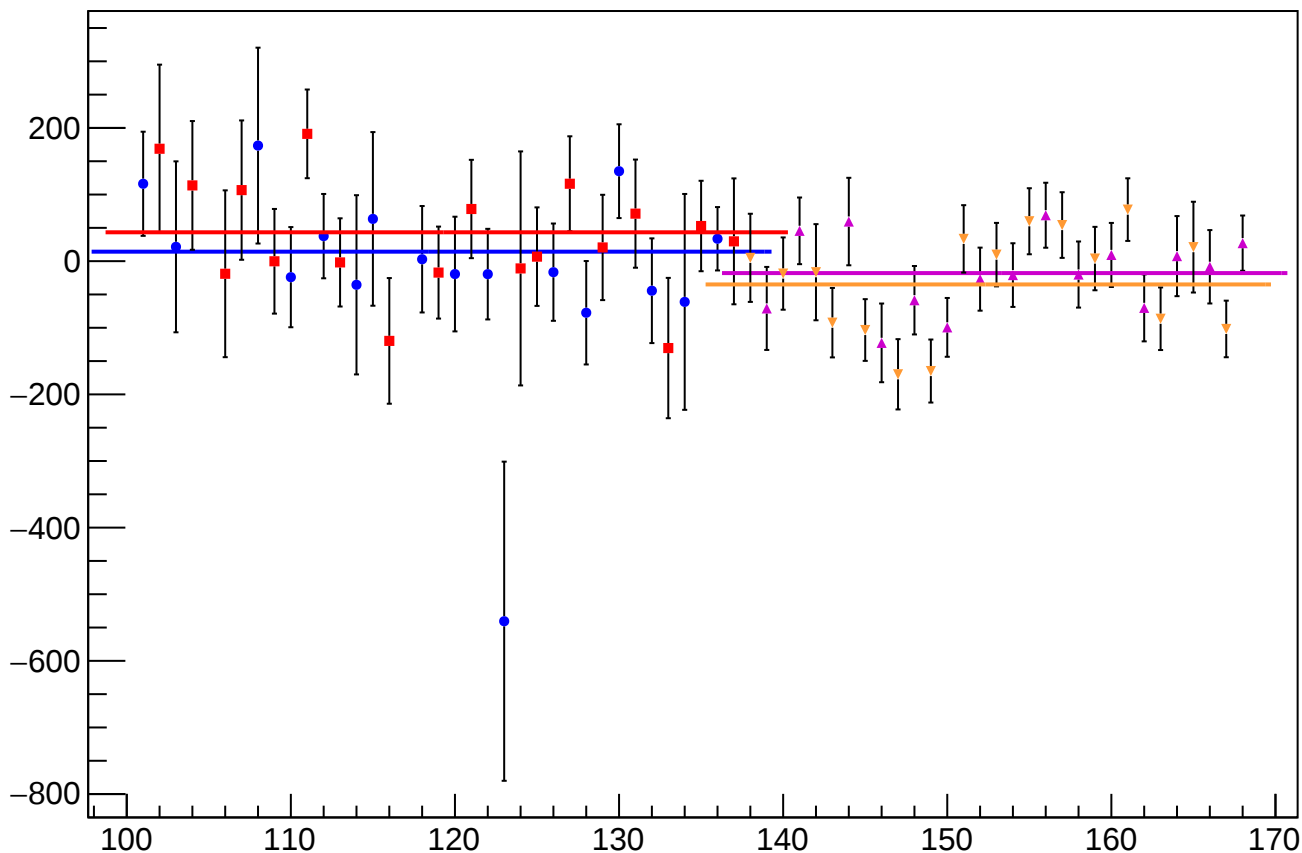
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 379.408+/-0.064 χ^2/NDF : 1654236.6/31

Out: 380.134+/-0.063 χ^2/NDF : 1789777.5/33

All: 379.775+/-0.045 χ^2/NDF : 3444079.5/65

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: -34.941 ± 12.735 $\chi^2/\text{NDF}: 38.4/15$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -17.897 ± 13.137 $\chi^2/\text{NDF}: 16.9/14$

Left: -26.684 ± 9.144 $\chi^2/\text{NDF}: 56.1/30$

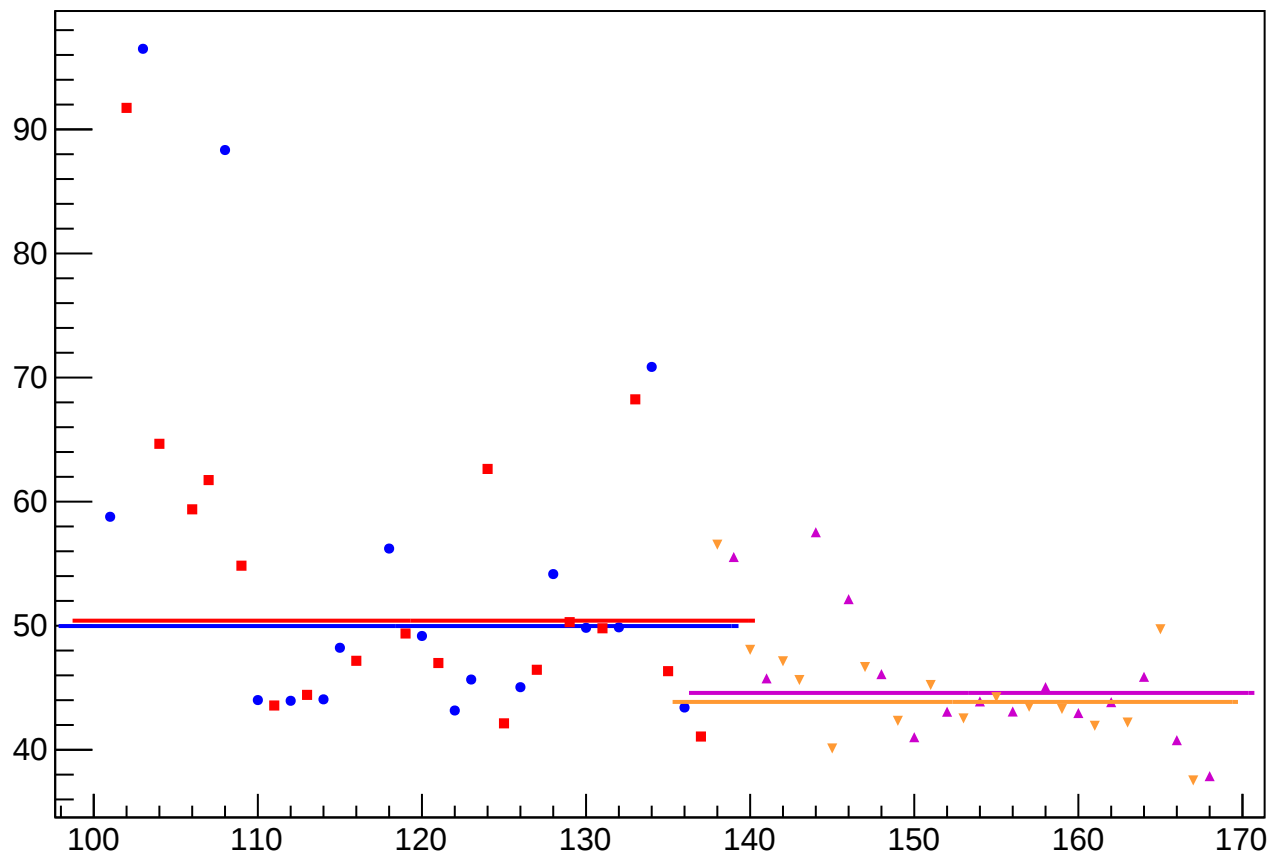
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -8.116 ± 10.958 $\chi^2/\text{NDF}: 33.5/31$

Out: -11.788 ± 10.687 $\chi^2/\text{NDF}: 65.7/33$

All: -9.998 ± 7.651 $\chi^2/\text{NDF}: 99.3/65$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 43.859 $\pm$ 0.009 χ^2/NDF : 181170.9/15

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 44.585 $\pm$ 0.009 χ^2/NDF : 258283.3/14

Left: 44.211 $\pm$ 0.006 χ^2/NDF : 442602.5/30

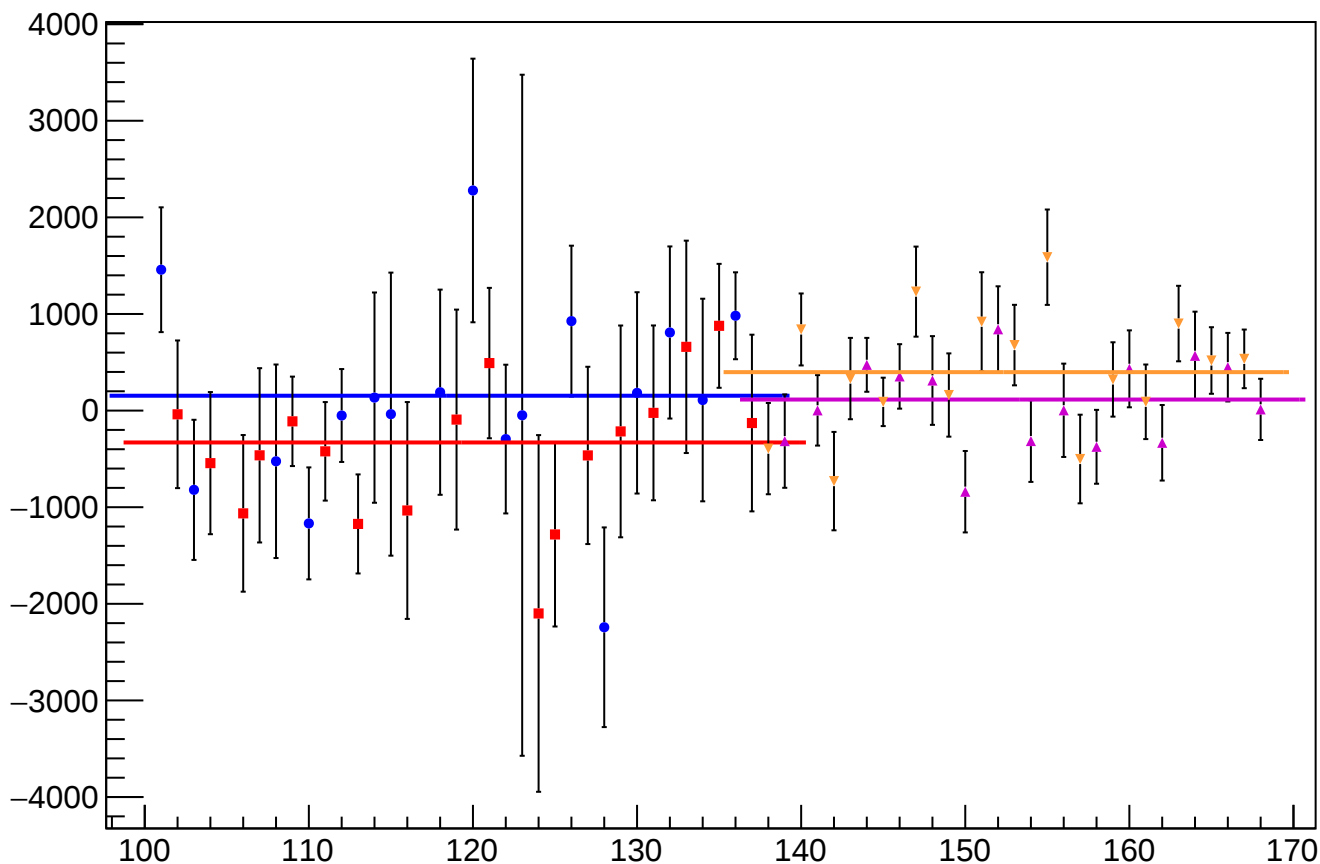
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 46.224 $\pm$ 0.008 χ^2/NDF : 939391.3/31

Out: 45.796 $\pm$ 0.008 χ^2/NDF : 805094.8/33

All: 46.005 $\pm$ 0.005 χ^2/NDF : 1746050.6/65

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: 398.002 $\pm$ 97.663 χ^2 /NDF:28.0/15

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 114.349 $\pm$ 99.341 χ^2 /NDF:17.7/14

Left: 258.592 $\pm$ 69.644 χ^2 /NDF: 49.8/30

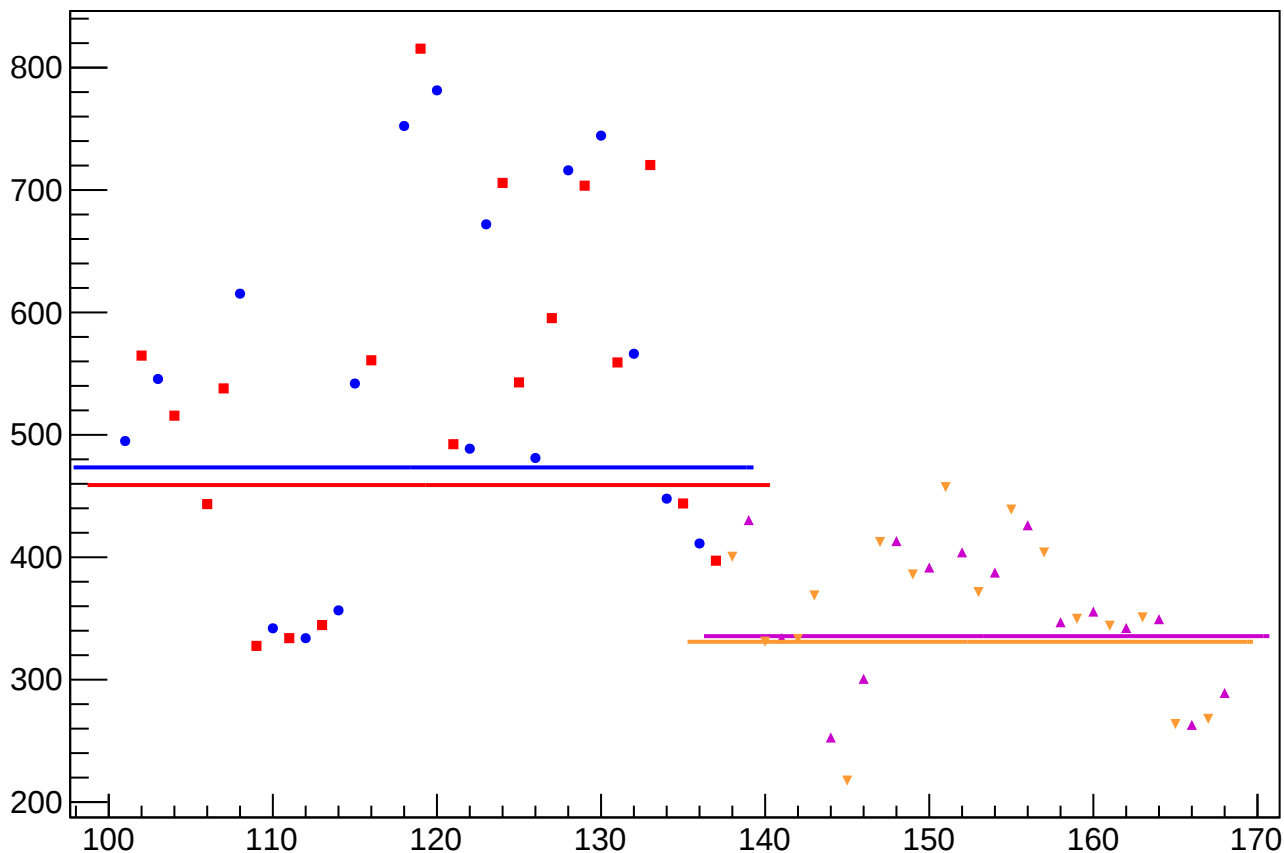
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 122.830 $\pm$ 88.031 χ^2 /NDF:42.5/31

Out: 232.149 $\pm$ 85.819 χ^2 /NDF:52.7/33

All: 178.880 $\pm$ 61.450 χ^2 /NDF: 96.0/65

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 330.943+/-0.069 χ^2/NDF :1024309.5/15

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 335.567+/-0.070 χ^2/NDF :651326.5/14

Left: 333.216+/-0.049 χ^2/NDF : 1677839.0/30

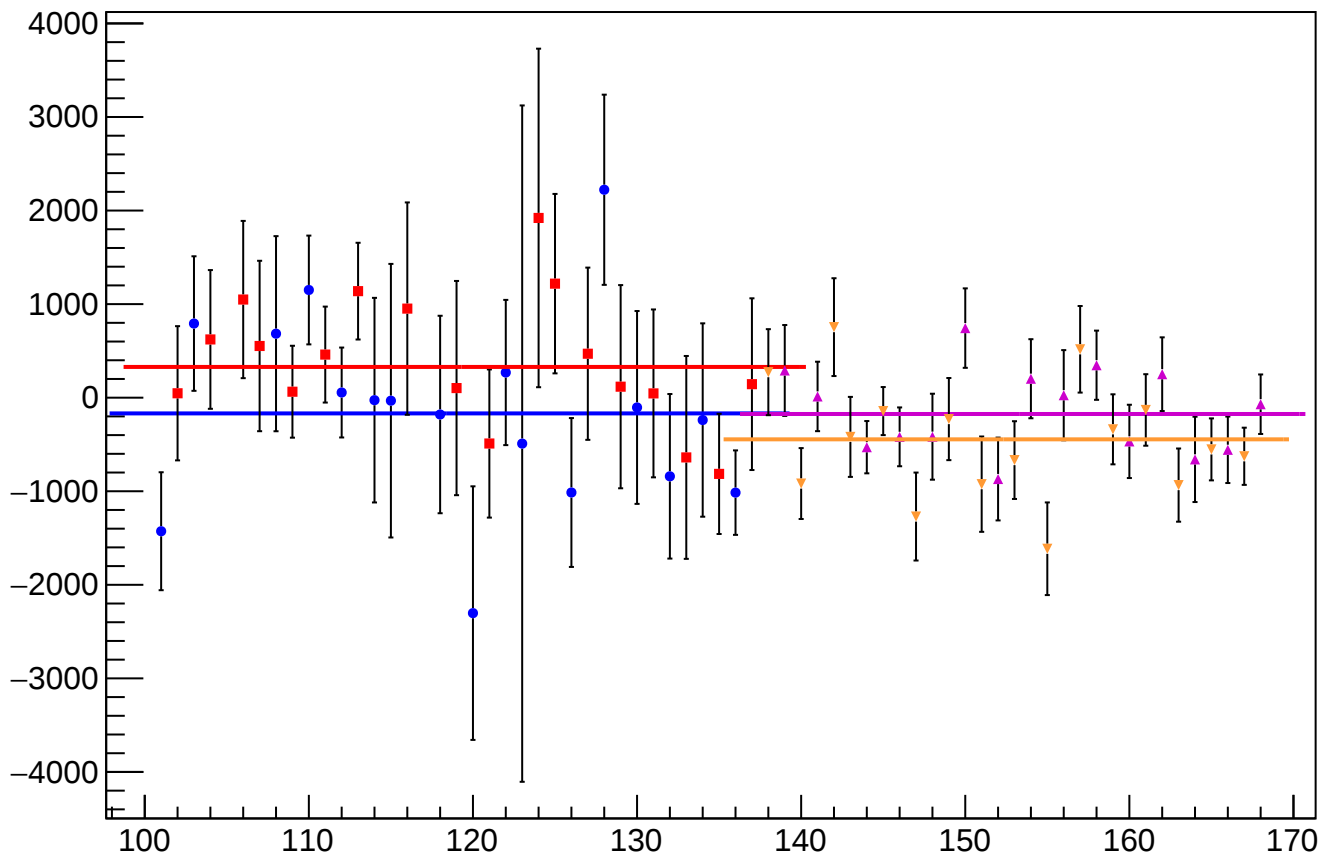
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 365.168+/-0.062 χ^2/NDF :2393143.7/31

Out: 360.116+/-0.061 χ^2/NDF :2813836.3/33

All: 362.578+/-0.043 χ^2/NDF : 5210356.5/65

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -445.253+/-97.848 χ^2/NDF : 27.8/15

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -174.300+/-98.713 χ^2/NDF : 17.9/14

Left: -310.969+/-69.493 χ^2/NDF : 49.5/30

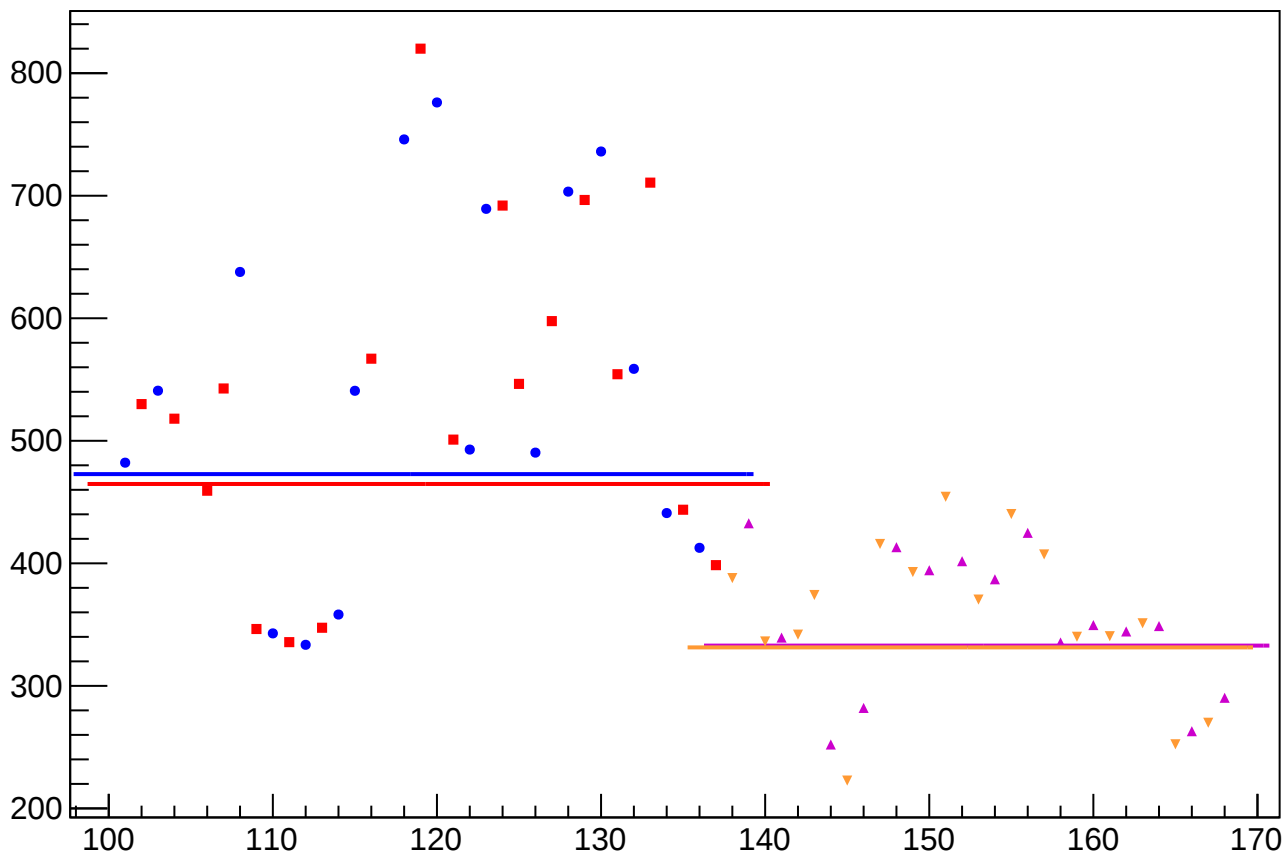
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -172.969+/-87.573 χ^2/NDF : 43.3/31

Out: -271.078+/-86.136 χ^2/NDF : 53.0/33

All: -222.835+/-61.409 χ^2/NDF : 97.0/65

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: 331.397 $\pm$ 0.069 χ^2/NDF :1000023.8/15

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 332.868 $\pm$ 0.070 χ^2/NDF :682764.0/14

Left: 332.126 $\pm$ 0.049 χ^2/NDF : 1683011.8/30

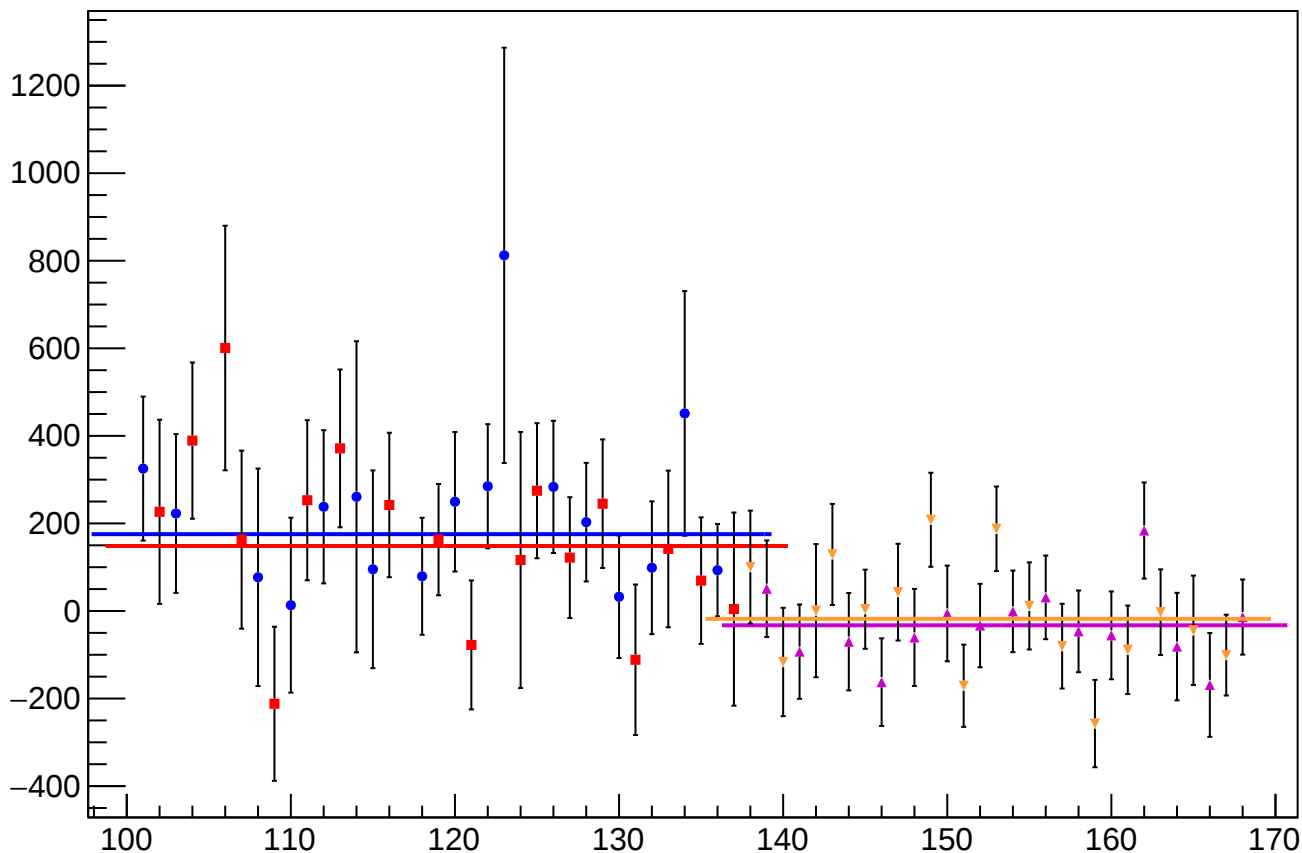
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 362.675 $\pm$ 0.062 χ^2/NDF :2435334.2/31

Out: 361.414 $\pm$ 0.061 χ^2/NDF :2751039.7/33

All: 362.034 $\pm$ 0.043 χ^2/NDF : 5186584.7/65

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -17.900 $\pm$ 26.286 χ^2 /NDF:22.7/15

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -32.699 $\pm$ 26.544 χ^2 /NDF:8.8/14

Left: -25.227 $\pm$ 18.678 χ^2 /NDF: 31.7/30

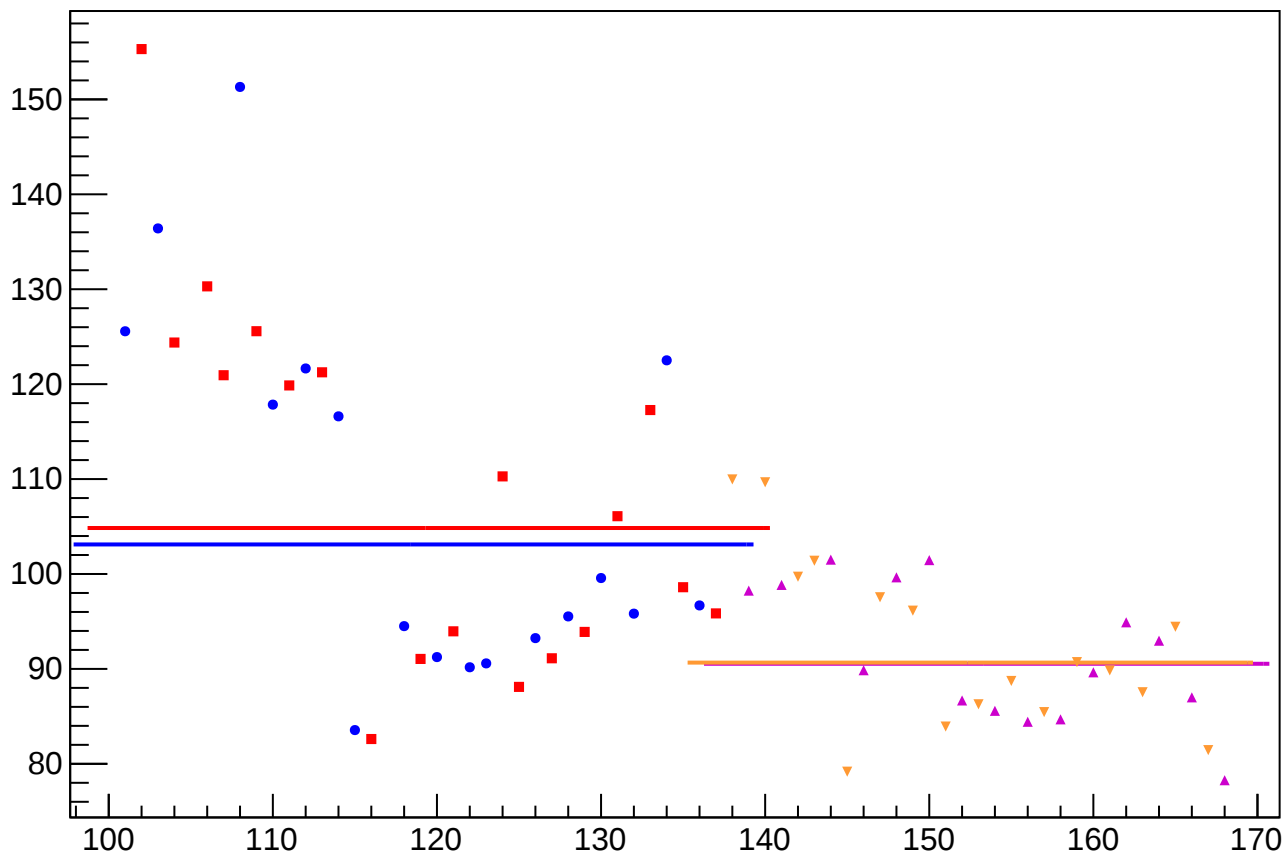
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 30.158 $\pm$ 22.177 χ^2 /NDF:36.0/31

Out: 31.693 $\pm$ 22.022 χ^2 /NDF:52.1/33

All: 30.931 $\pm$ 15.626 χ^2 /NDF: 88.2/65

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 90.664 $\pm$ 0.019 χ^2/NDF :206532.4/15

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 90.540 $\pm$ 0.019 χ^2/NDF :146439.0/14

Left: 90.603 $\pm$ 0.013 χ^2/NDF : 352993.5/30

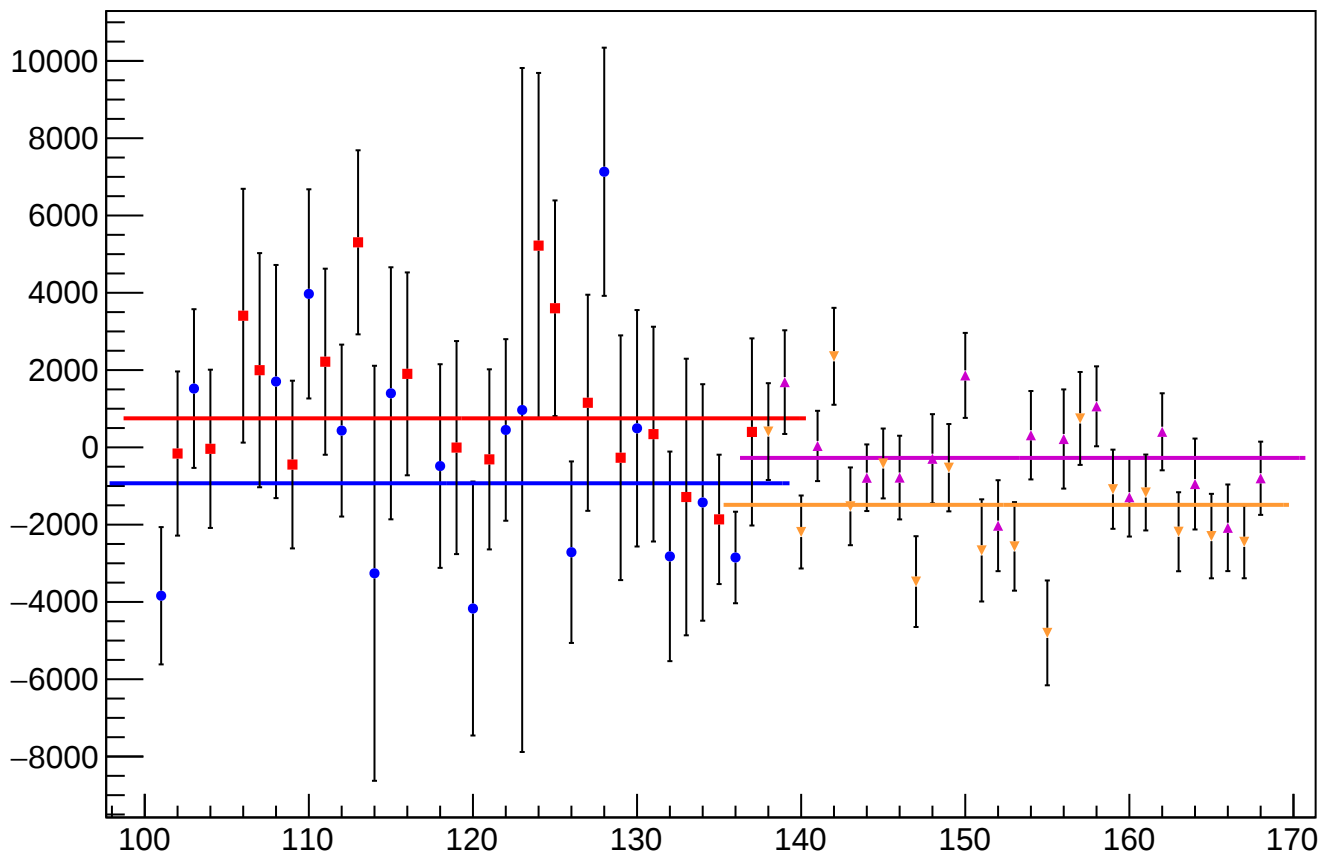
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 94.336 $\pm$ 0.016 χ^2/NDF :588356.2/31

Out: 94.892 $\pm$ 0.016 χ^2/NDF :748720.4/33

All: 94.616 $\pm$ 0.011 χ^2/NDF : 1337708.5/65

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1487.379 $\pm$ 271.248 χ^2 /NDF:30.6/15

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: -272.992 $\pm$ 275.514 χ^2 /NDF:15.6/14

Left: -889.660 $\pm$ 193.292 χ^2 /NDF: 56.1/30

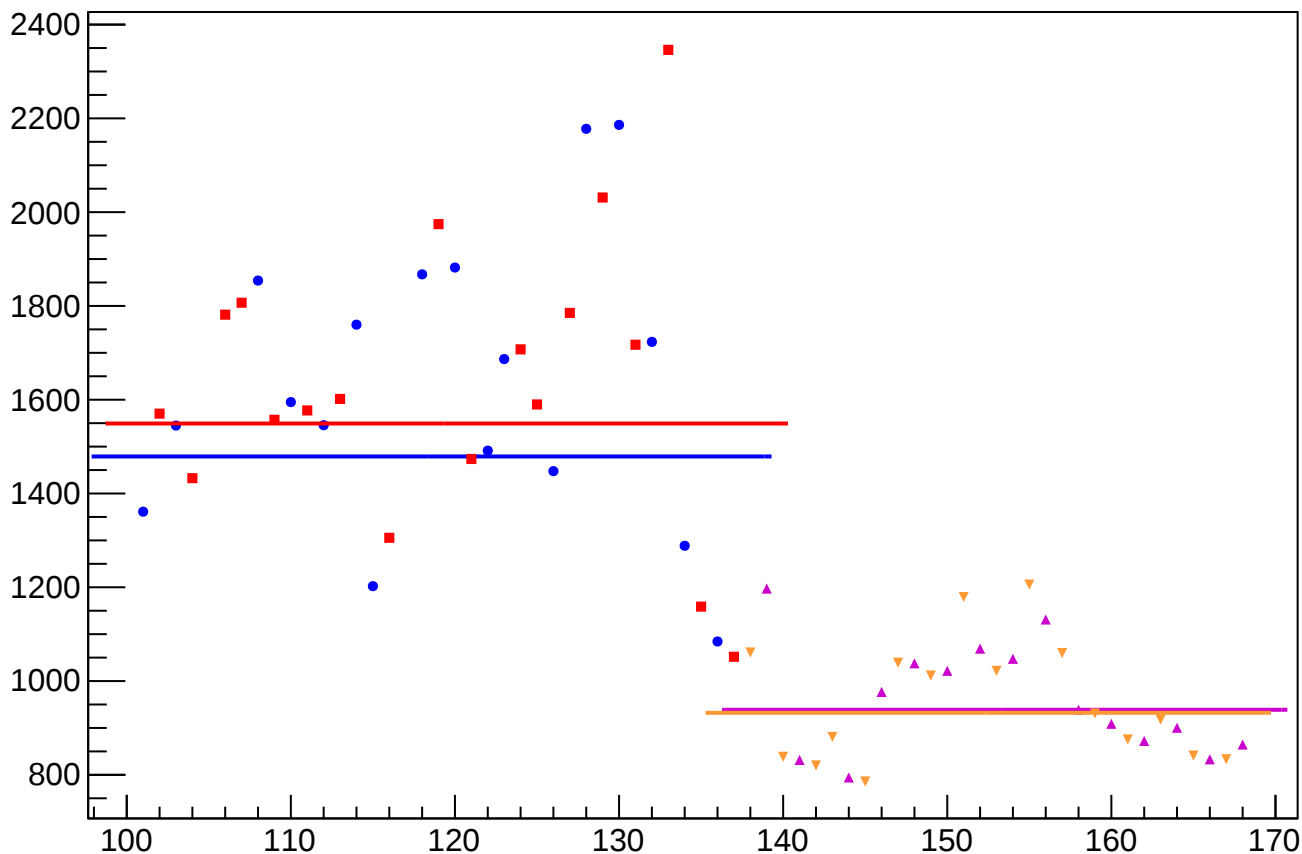
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -391.419 $\pm$ 249.406 χ^2 /NDF:37.5/31

Out: -1102.143 $\pm$ 246.808 χ^2 /NDF:53.3/33

All: -750.501 $\pm$ 175.431 χ^2 /NDF: 94.9/65

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: 932.274 $\pm$ 0.192 χ^2 /NDF: 369811.8/15

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 938.750 $\pm$ 0.195 χ^2 /NDF: 317022.3/14

Left: 935.462 $\pm$ 0.137 χ^2 /NDF: 687395.2/30

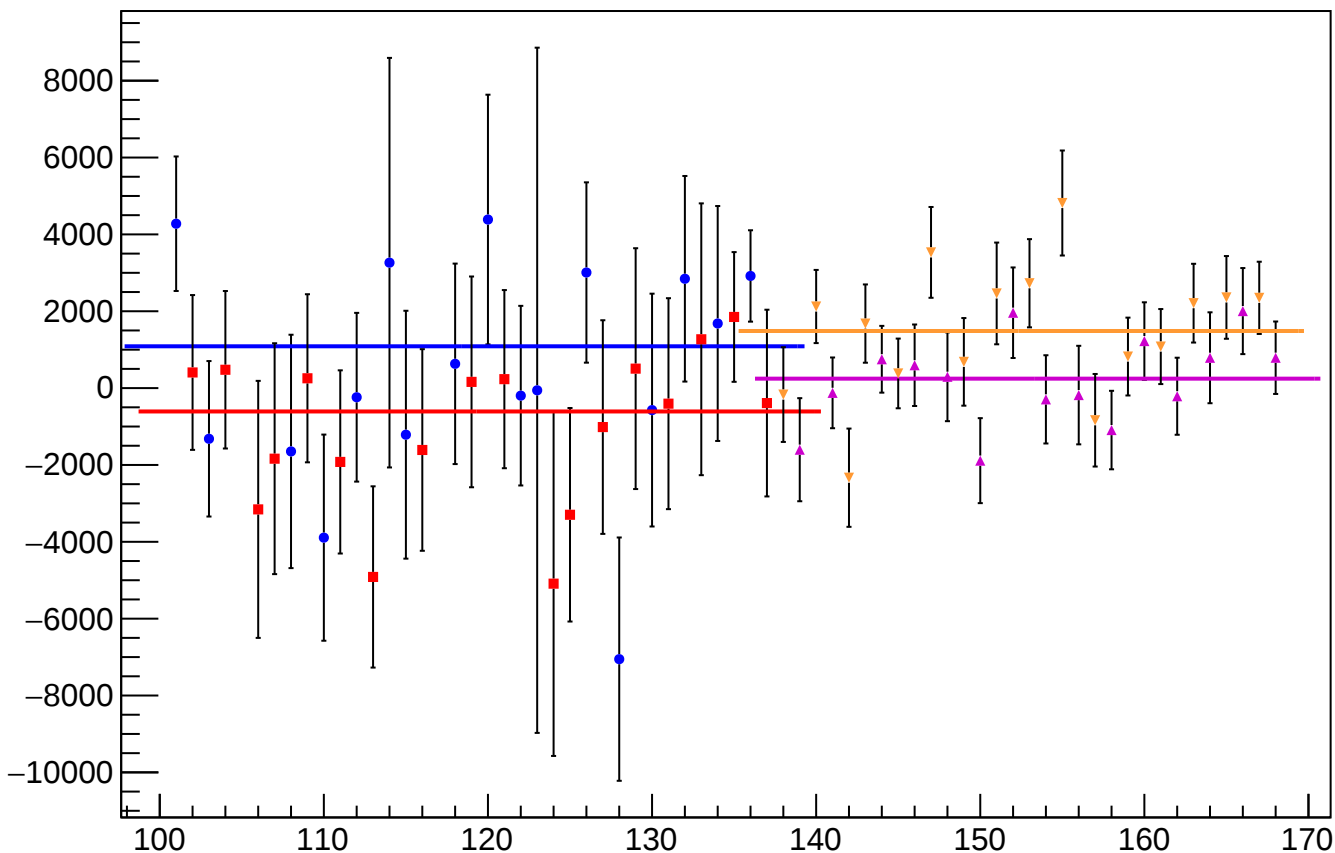
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1036.288 $\pm$ 0.176 χ^2 /NDF: 2294999.5/31

Out: 1038.449 $\pm$ 0.175 χ^2 /NDF: 2613105.4/33

All: 1037.380 $\pm$ 0.124 χ^2 /NDF: 4908180.8/65

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: 1486.173 $\pm$ 271.517 χ^2 /NDF:30.2/15

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 245.914 $\pm$ 275.484 χ^2 /NDF:14.6/14

Left: 875.038 $\pm$ 193.379 χ^2 /NDF: 55.0/30

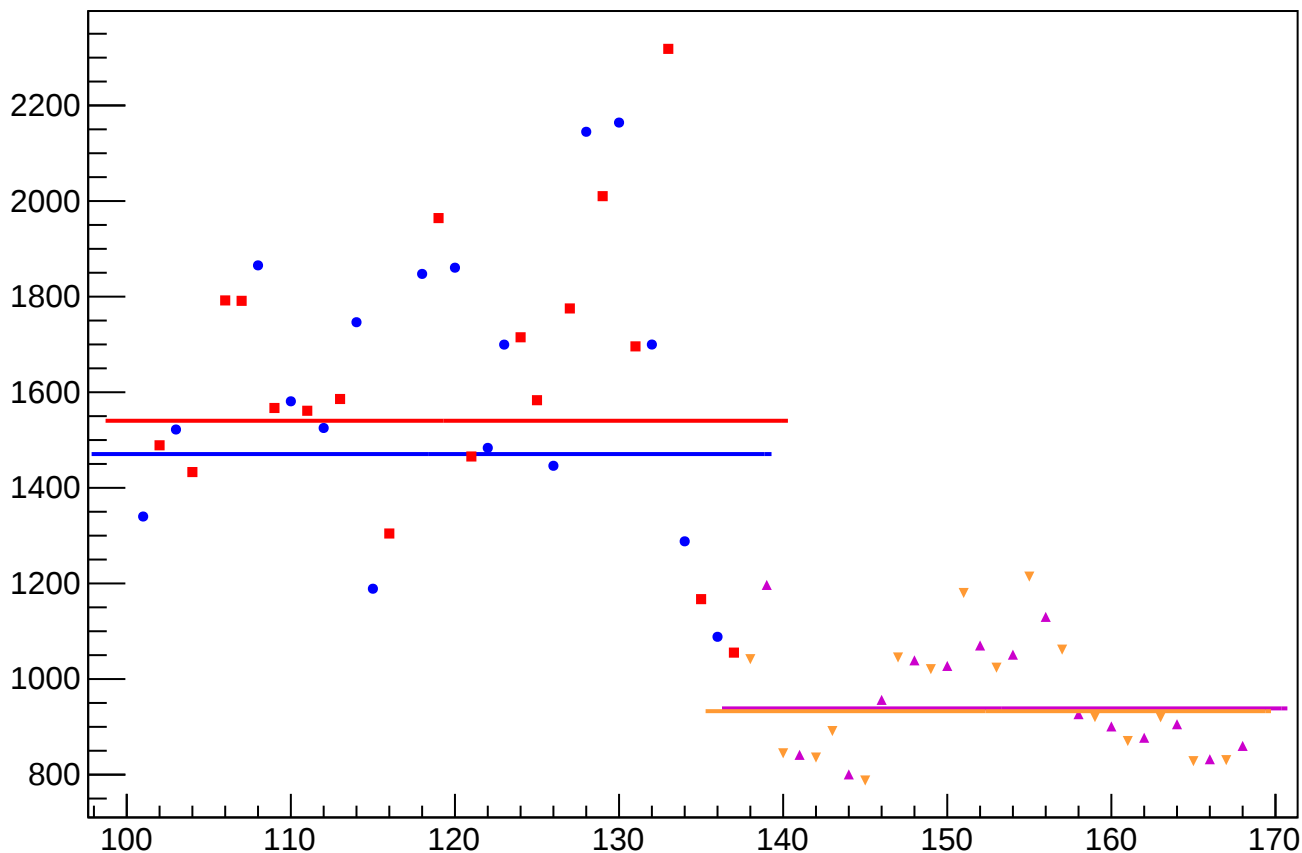
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 399.476 $\pm$ 249.102 χ^2 /NDF:38.1/31

Out: 1121.770 $\pm$ 246.765 χ^2 /NDF:50.4/33

All: 764.027 $\pm$ 175.310 χ^2 /NDF: 92.8/65

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: 932.801 $\pm$ 0.192 χ^2 /NDF: 370198.4/15

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 938.602 $\pm$ 0.195 χ^2 /NDF: 308332.4/14

Left: 935.659 $\pm$ 0.137 χ^2 /NDF: 678980.7/30

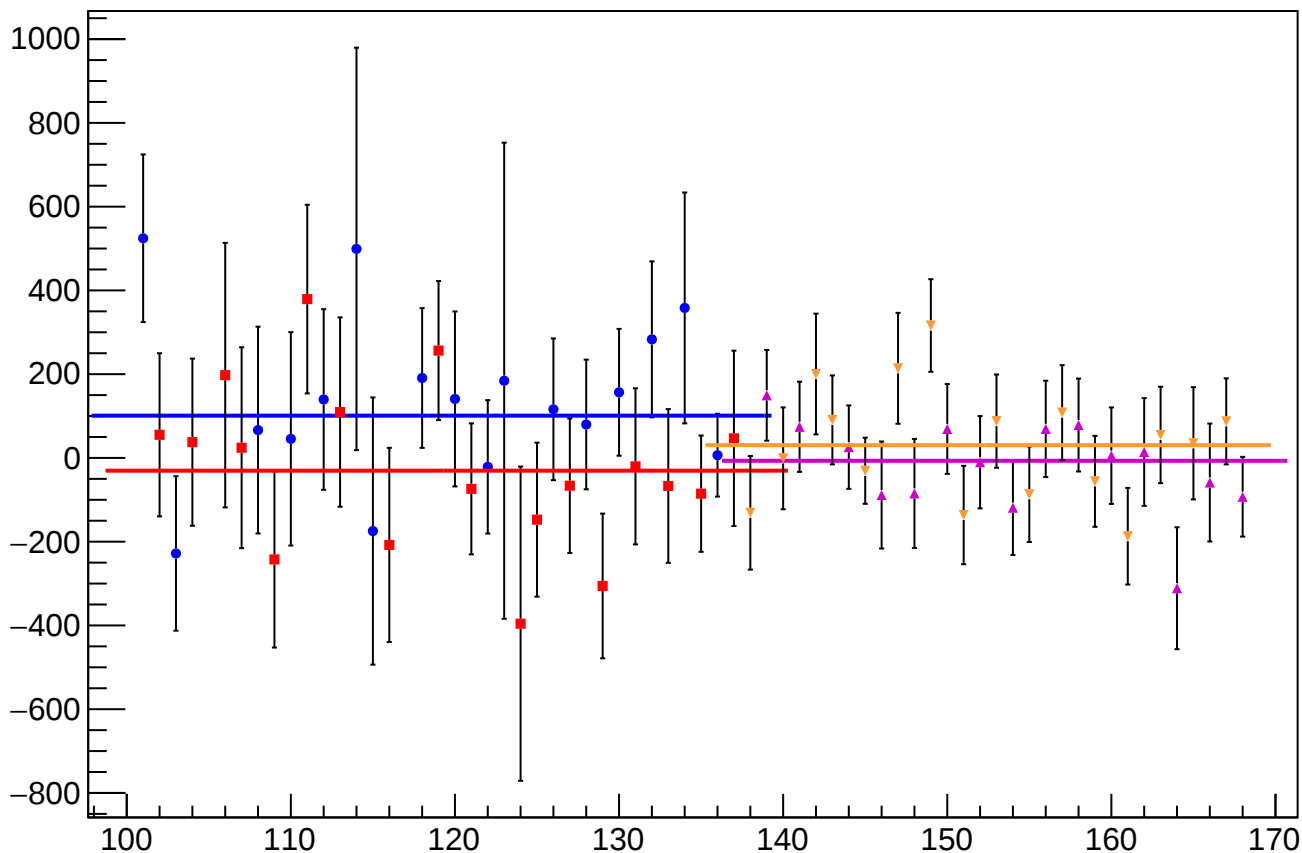
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1035.633 $\pm$ 0.176 χ^2 /NDF: 2236636.6/31

Out: 1038.521 $\pm$ 0.174 χ^2 /NDF: 2555488.6/33

All: 1037.091 $\pm$ 0.124 χ^2 /NDF: 4792260.9/65

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 30.496 ± 28.262 $\chi^2/\text{NDF}: 20.7/15$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: -6.855 ± 29.601 $\chi^2/\text{NDF}: 11.4/14$

Left: 12.684 ± 20.441 $\chi^2/\text{NDF}: 33.0/30$

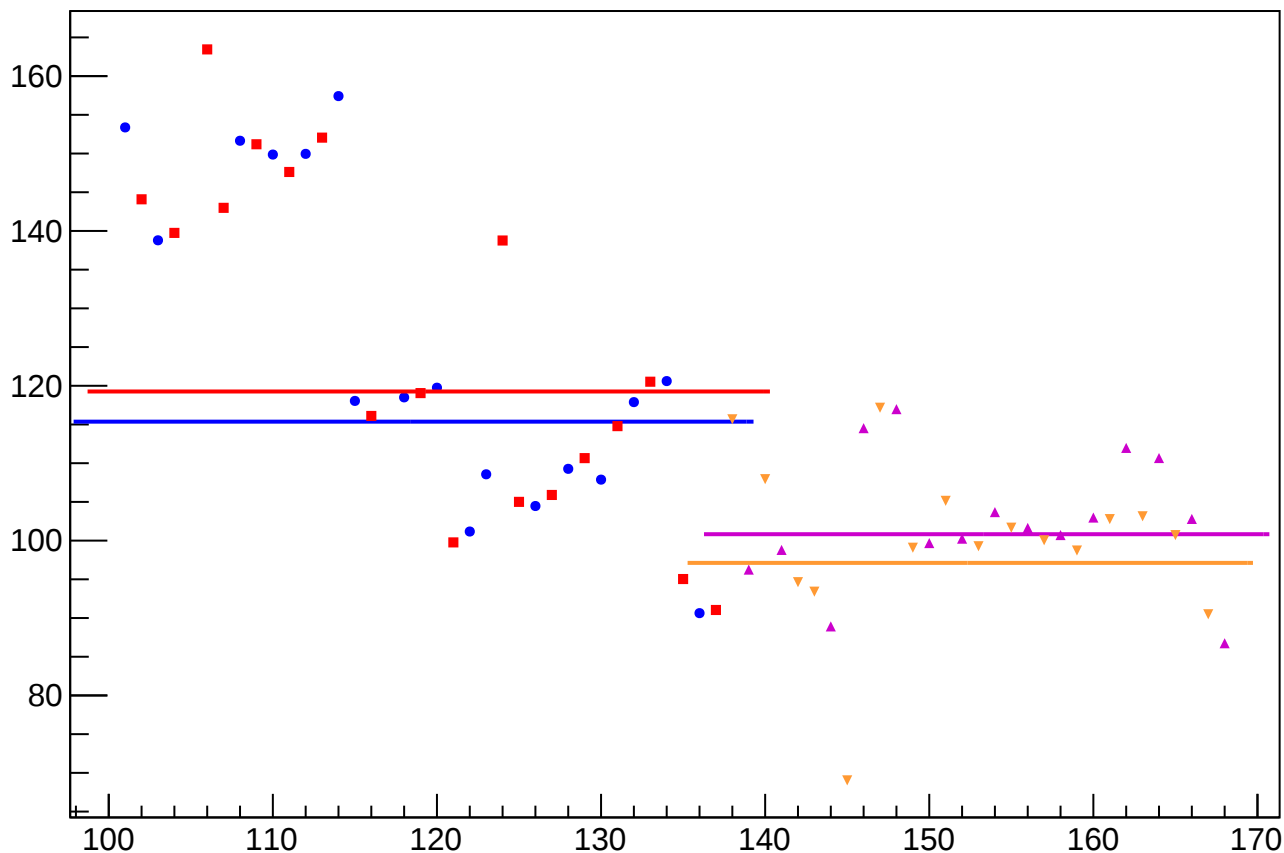
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 25.409 ± 24.777 $\chi^2/\text{NDF}: 28.4/31$

Out: 13.652 ± 24.038 $\chi^2/\text{NDF}: 35.5/33$

All: 19.353 ± 17.253 $\chi^2/\text{NDF}: 64.0/65$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 97.123 $\pm$ 0.020 χ^2 /NDF: 391193.1/15

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 100.828 $\pm$ 0.021 χ^2 /NDF: 157368.3/14

Left: 98.890 $\pm$ 0.014 χ^2 /NDF: 564953.0/30

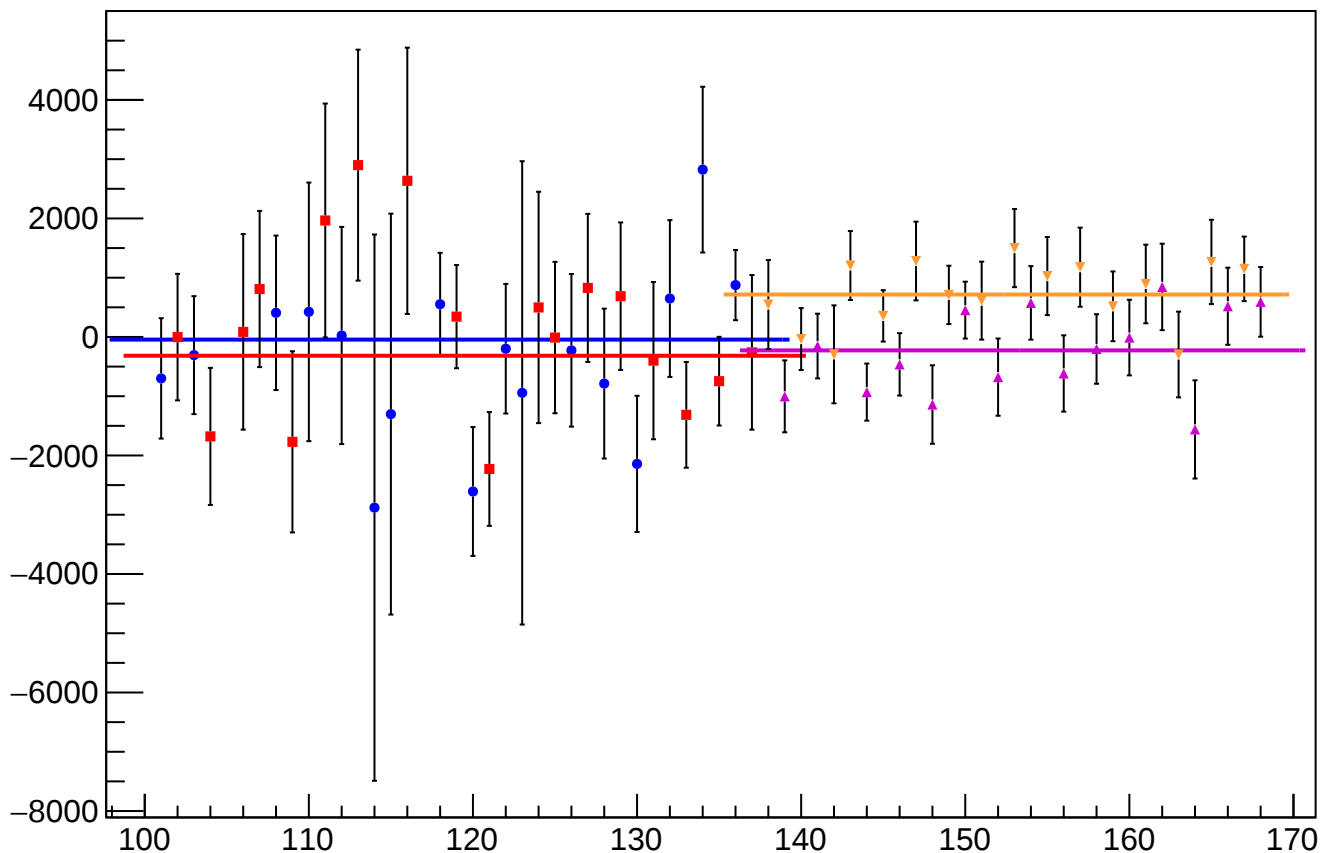
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 105.180 $\pm$ 0.018 χ^2 /NDF: 713165.9/31

Out: 103.246 $\pm$ 0.017 χ^2 /NDF: 1128950.4/33

All: 104.184 $\pm$ 0.012 χ^2 /NDF: 1848396.8/65

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: 716.297 ± 152.230 $\chi^2/\text{NDF}: 11.2/15$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -226.706 ± 154.429 $\chi^2/\text{NDF}: 18.5/14$

Left: 251.556 ± 108.412 $\chi^2/\text{NDF}: 48.7/30$

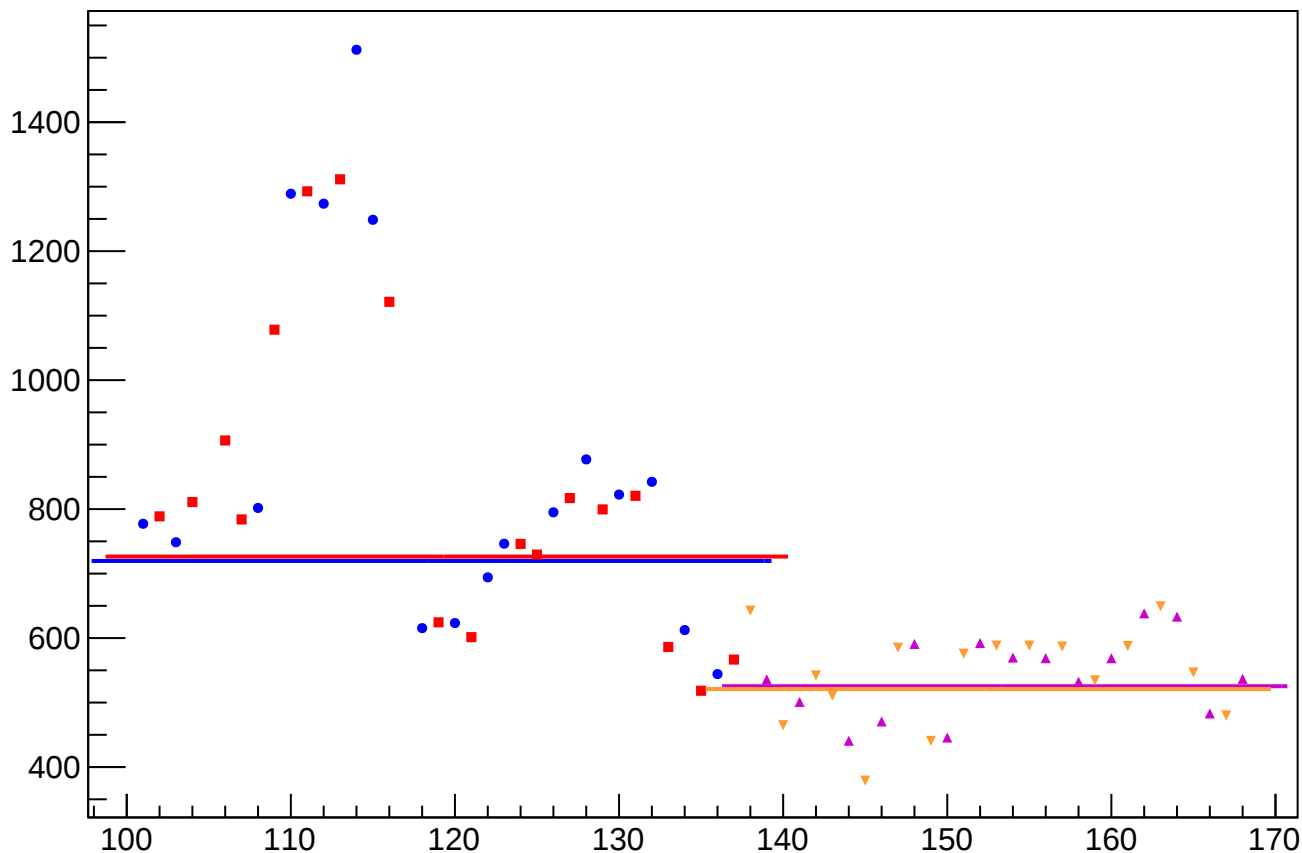
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -185.650 ± 135.915 $\chi^2/\text{NDF}: 36.7/31$

Out: 484.556 ± 134.077 $\chi^2/\text{NDF}: 38.4/33$

All: 154.017 ± 95.450 $\chi^2/\text{NDF}: 87.4/65$

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: 520.997 $\pm$ 0.108 χ^2 /NDF: 537173.5/15

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 525.327 $\pm$ 0.109 χ^2 /NDF: 303463.5/14

Left: 523.131 $\pm$ 0.077 χ^2 /NDF: 841434.3/30

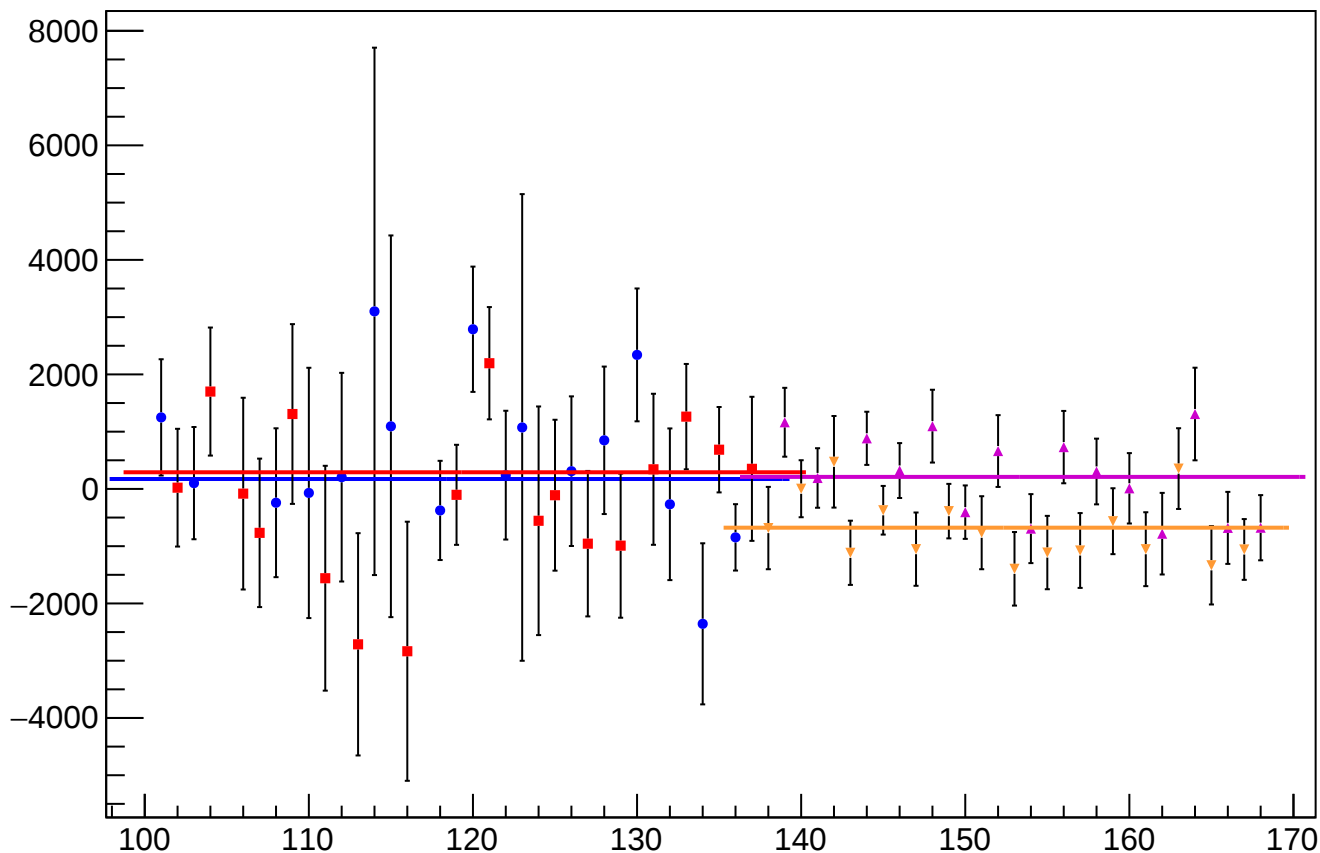
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 569.116 $\pm$ 0.096 χ^2 /NDF: 1763870.4/31

Out: 567.064 $\pm$ 0.095 χ^2 /NDF: 2234776.9/33

All: 568.076 $\pm$ 0.067 χ^2 /NDF: 3998878.3/65

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 ± 285.672 $\chi^2/\text{NDF}: 18.1/16$

Left Out: -676.940 ± 147.613 $\chi^2/\text{NDF}: 11.8/15$

Right Out: 290.799 ± 283.545 $\chi^2/\text{NDF}: 15.6/17$

Left In: 210.037 ± 148.865 $\chi^2/\text{NDF}: 20.2/14$

Left: -237.198 ± 104.818 $\chi^2/\text{NDF}: 49.9/30$

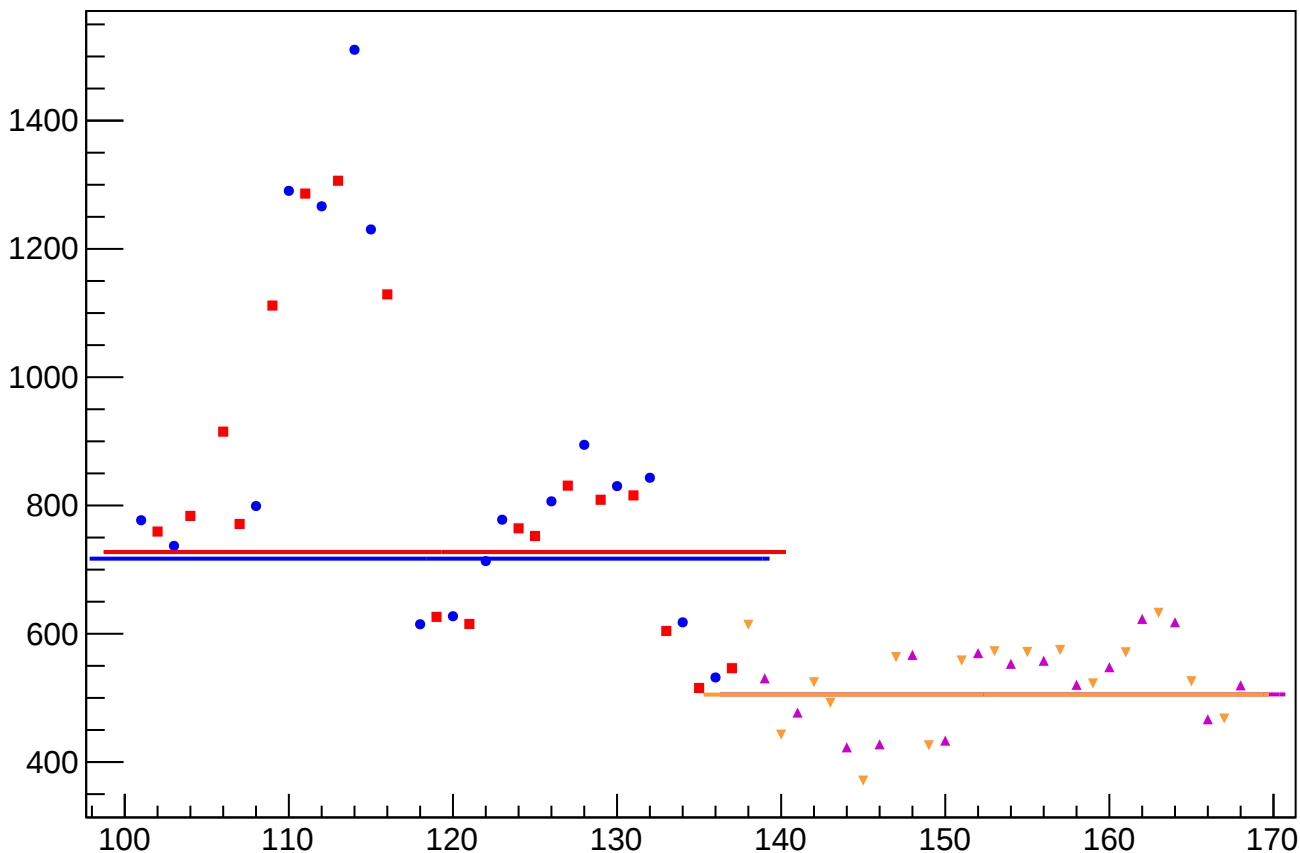
Right: 232.430 ± 201.245 $\chi^2/\text{NDF}: 33.8/34$

In: 202.166 ± 132.016 $\chi^2/\text{NDF}: 38.3/31$

Out: -470.589 ± 130.932 $\chi^2/\text{NDF}: 36.6/33$

All: -136.983 ± 92.964 $\chi^2/\text{NDF}: 88.0/65$

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: 505.098 $\pm$ 0.104 χ^2/NDF : 530426.0/15

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 505.444 $\pm$ 0.105 χ^2/NDF : 352199.2/14

Left: 505.270 $\pm$ 0.074 χ^2/NDF : 882630.6/30

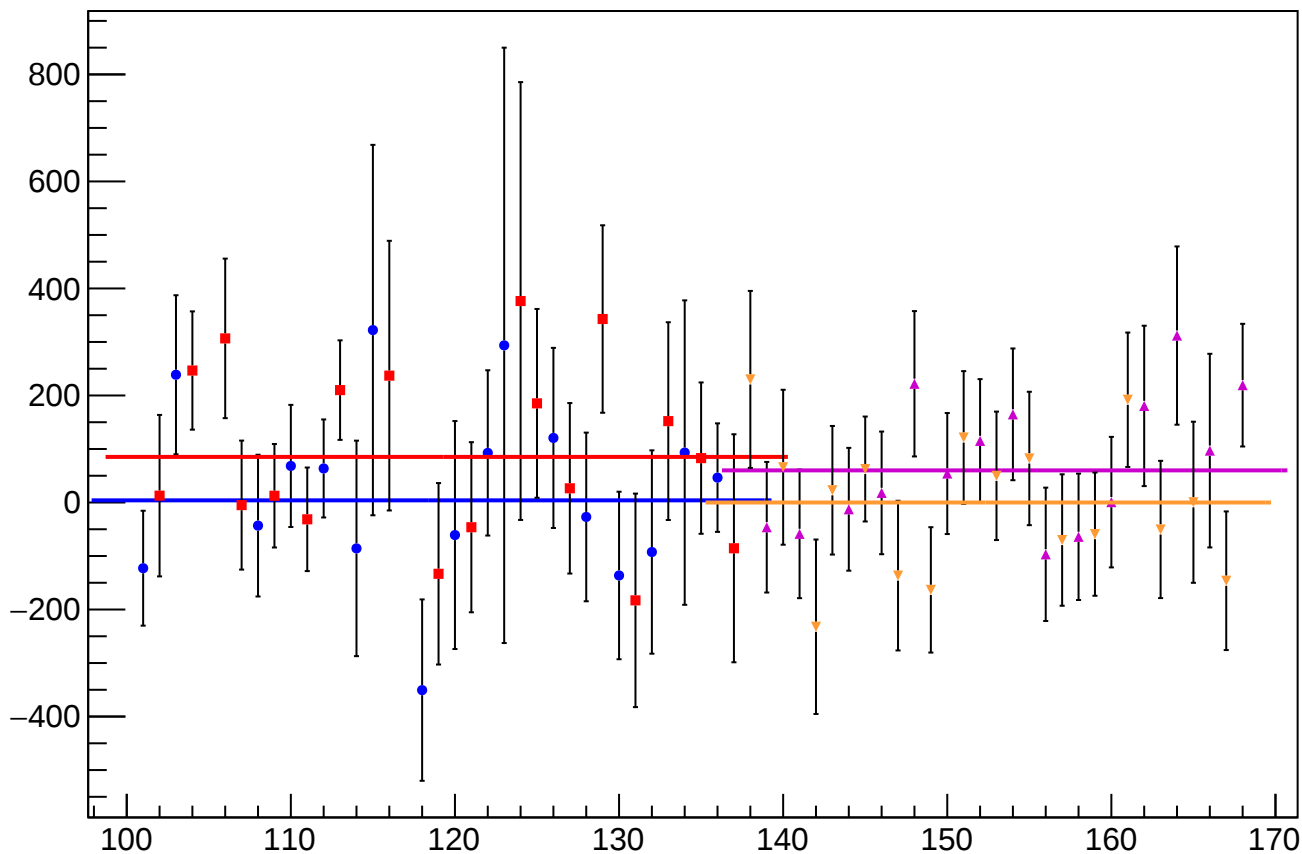
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 550.641 $\pm$ 0.093 χ^2/NDF : 1997925.3/31

Out: 552.519 $\pm$ 0.093 χ^2/NDF : 2379450.0/33

All: 551.588 $\pm$ 0.066 χ^2/NDF : 4377579.2/65

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: -0.016 ± 31.820 χ^2/NDF : 13.4/15

Right Out: 85.205 ± 33.413 χ^2/NDF : 17.4/17

Left In: 60.025 ± 32.403 χ^2/NDF : 12.5/14

Left: 29.460 ± 22.704 χ^2/NDF : 27.7/30

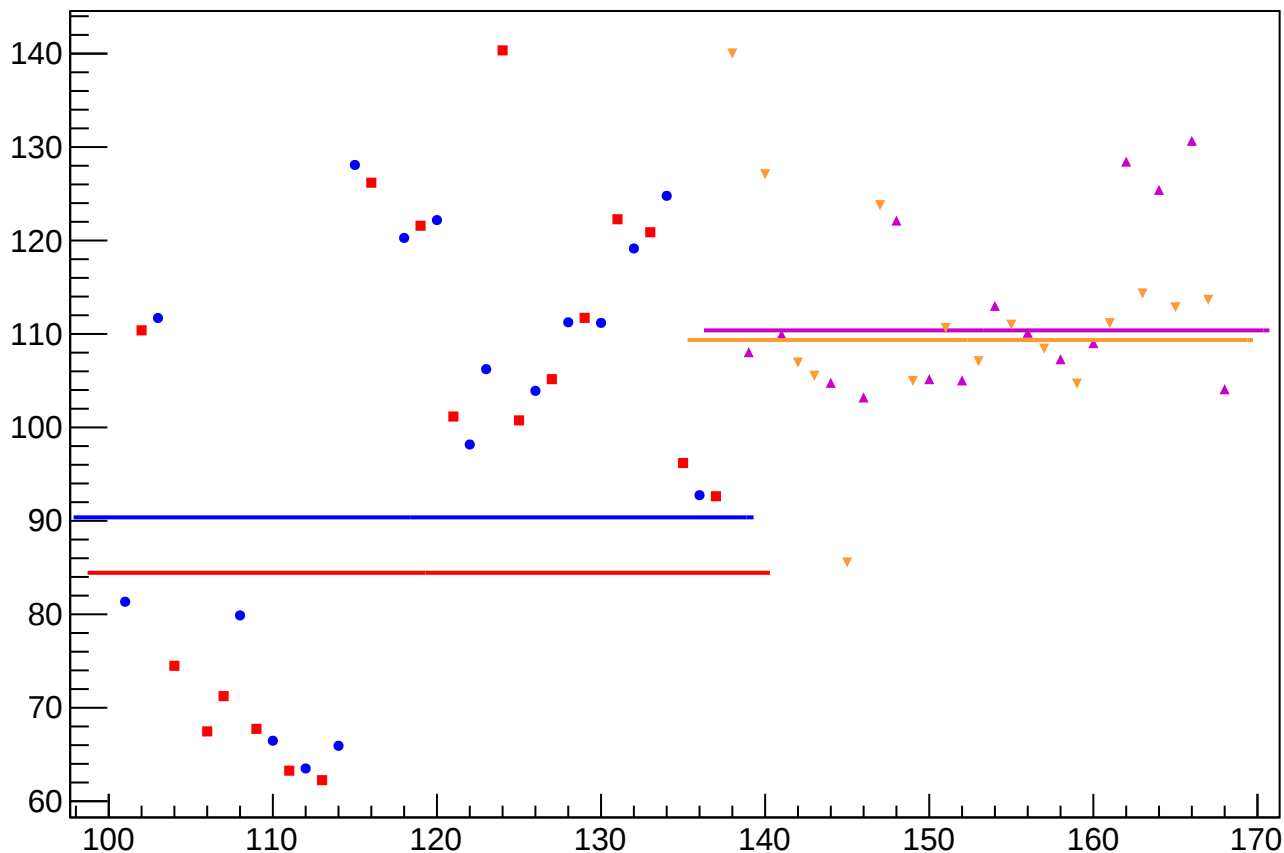
Right: 47.574 ± 24.474 χ^2/NDF : 32.8/34

In: 34.917 ± 24.069 χ^2/NDF : 26.5/31

Out: 40.516 ± 23.043 χ^2/NDF : 34.2/33

All: 37.838 ± 16.645 χ^2/NDF : 60.8/65

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 ± 0.025 χ^2/NDF : 654139.7/16

Left Out: 109.352 ± 0.023 χ^2/NDF : 254584.7/15

Right Out: 84.442 ± 0.024 χ^2/NDF : 870835.6/17

Left In: 110.382 ± 0.023 χ^2/NDF : 115949.3/14

Left: 109.858 ± 0.016 χ^2/NDF : 371562.8/30

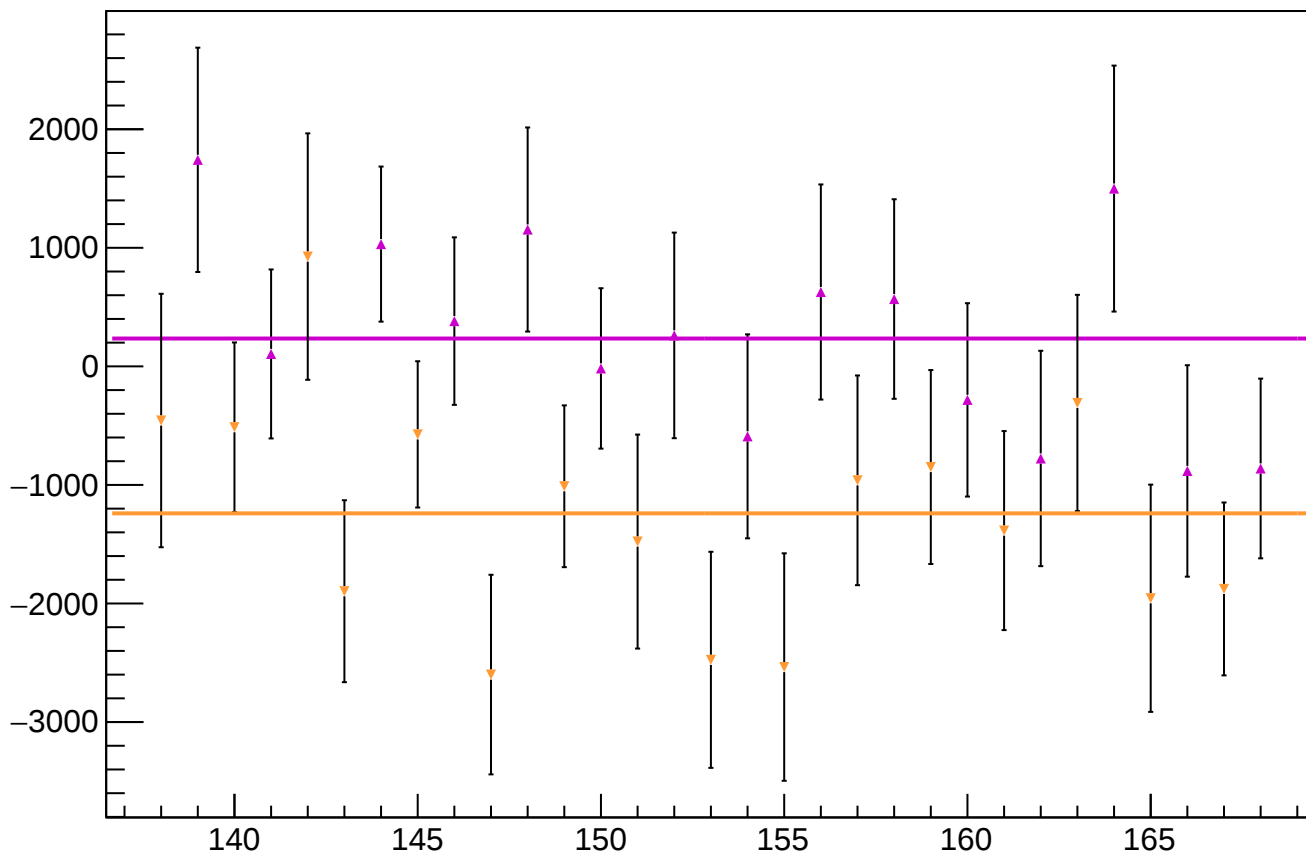
Right: 87.192 ± 0.017 χ^2/NDF : 1554203.3/34

In: 101.414 ± 0.017 χ^2/NDF : 1111857.7/31

Out: 97.505 ± 0.016 χ^2/NDF : 1708344.9/33

All: 99.374 ± 0.012 χ^2/NDF : 2847731.2/65

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1239.610 ± 206.168 $\chi^2/\text{NDF}: 17.0/15$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 234.800 ± 208.894 $\chi^2/\text{NDF}: 13.4/14$

Left: -512.089 ± 146.737 $\chi^2/\text{NDF}: 55.7/30$

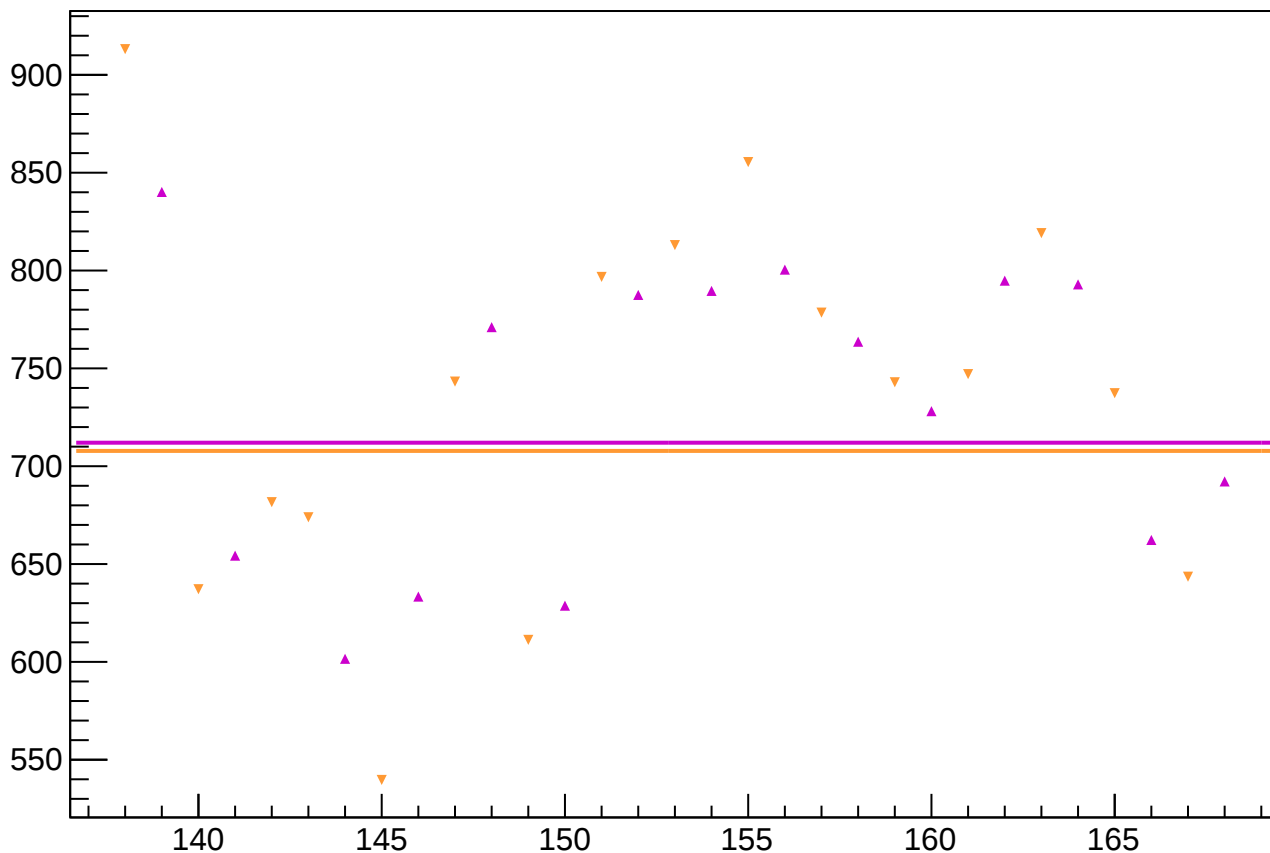
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 234.800 ± 208.894 $\chi^2/\text{NDF}: 13.4/14$

Out: -1239.610 ± 206.168 $\chi^2/\text{NDF}: 17.0/15$

All: -512.089 ± 146.737 $\chi^2/\text{NDF}: 55.7/30$

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 707.820+/-0.146 χ^2/NDF :452159.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 712.017+/-0.148 χ^2/NDF :266507.8/14

Left: 709.891+/-0.104 χ^2/NDF : 719076.0/30

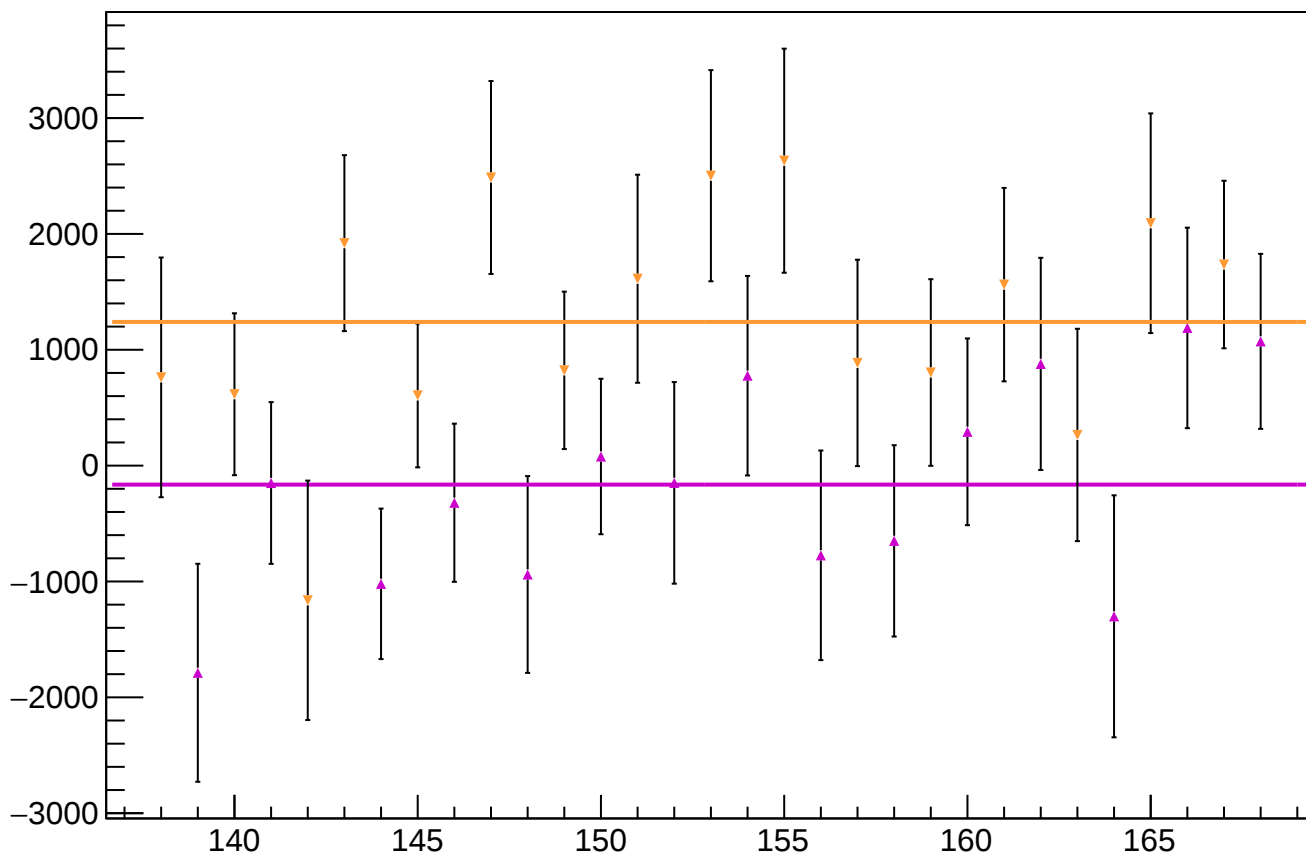
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 712.017+/-0.148 χ^2/NDF :266507.8/14

Out: 707.820+/-0.146 χ^2/NDF :452159.3/15

All: 709.891+/-0.104 χ^2/NDF : 719076.0/30

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1240.303+/-204.894 χ^2/NDF :18.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -163.976+/-206.712 χ^2/NDF :15.7/14

Left: 544.365+/-145.521 χ^2/NDF : 57.0/30

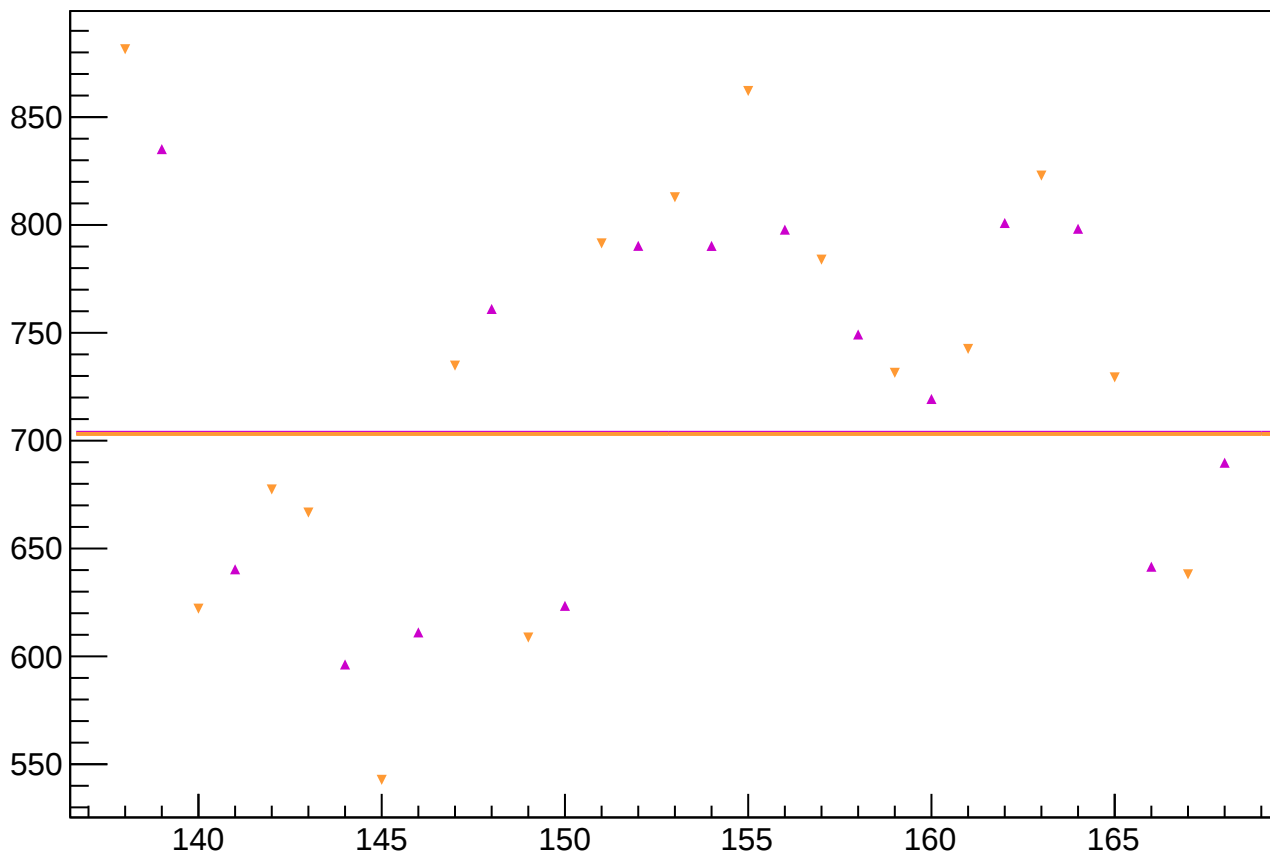
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -163.976+/-206.712 χ^2/NDF :15.7/14

Out: 1240.303+/-204.894 χ^2/NDF :18.1/15

All: 544.365+/-145.521 χ^2/NDF : 57.0/30

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 703.120+/-0.145 χ^2/NDF :444674.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 703.643+/-0.146 χ^2/NDF :303297.5/14

Left: 703.379+/-0.103 χ^2/NDF : 747978.1/30

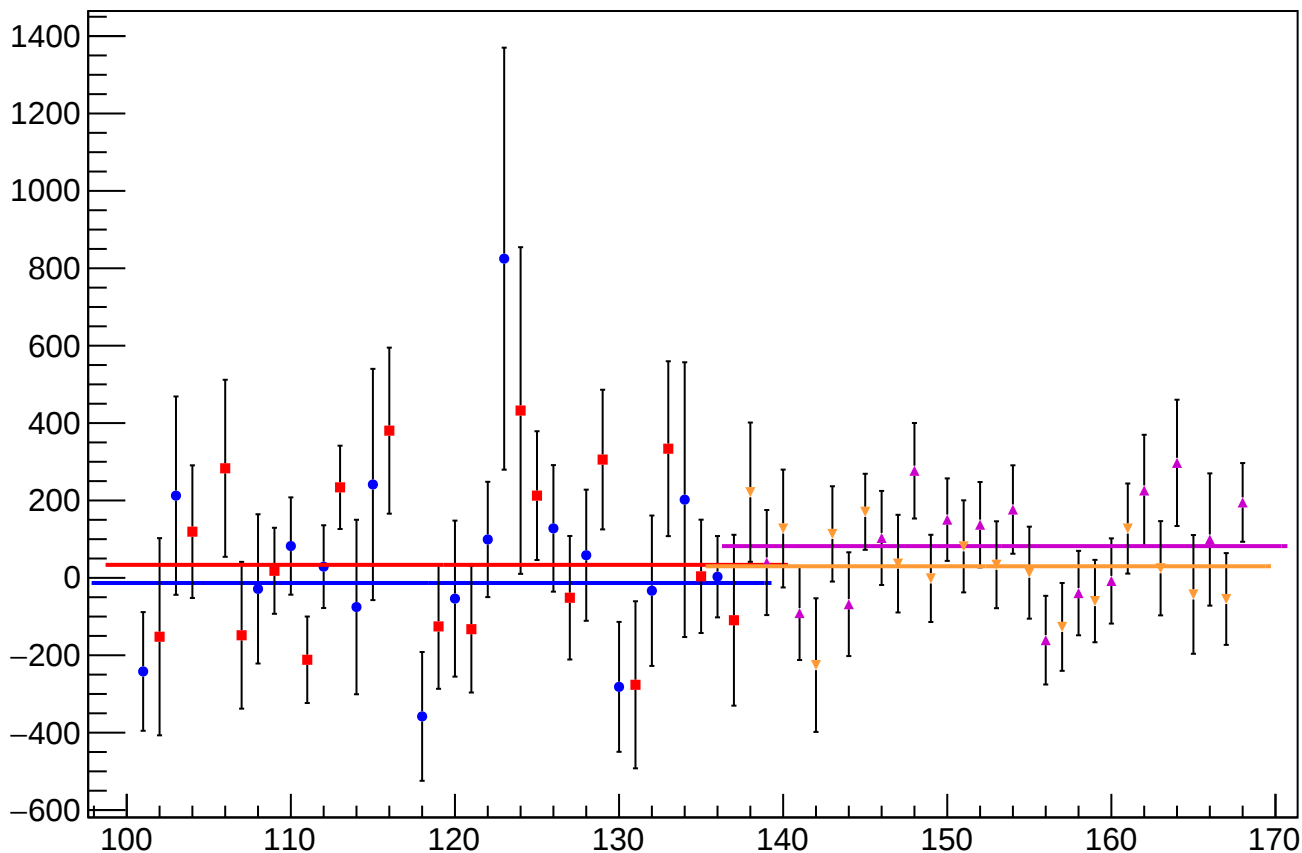
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 703.643+/-0.146 χ^2/NDF :303297.5/14

Out: 703.120+/-0.145 χ^2/NDF :444674.2/15

All: 703.379+/-0.103 χ^2/NDF : 747978.1/30

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 29.991 ± 30.715 χ^2/NDF : 10.6/15

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 82.067 ± 31.352 χ^2/NDF : 17.6/14

Left: 55.494 ± 21.940 χ^2/NDF : 29.6/30

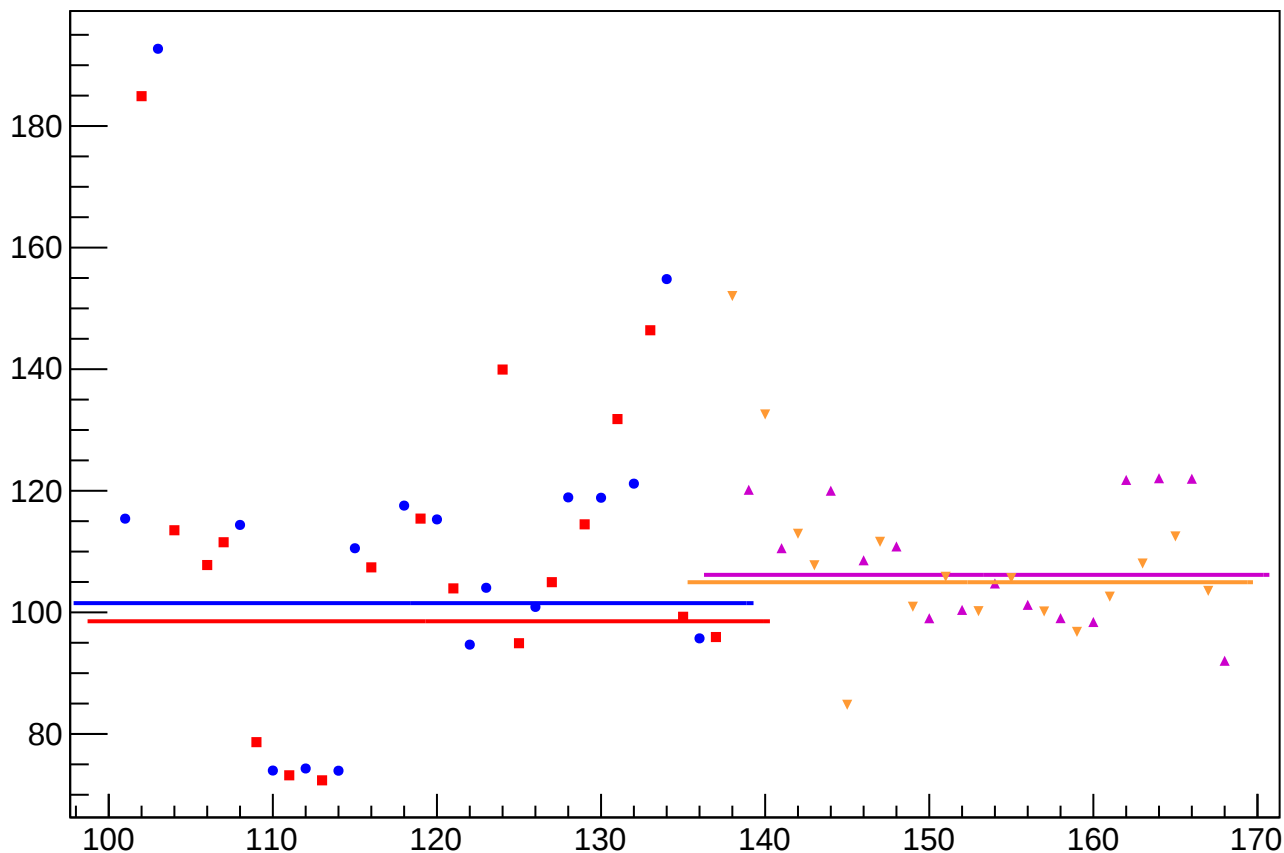
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 46.423 ± 24.804 χ^2/NDF : 36.8/31

Out: 31.391 ± 24.104 χ^2/NDF : 35.3/33

All: 38.692 ± 17.286 χ^2/NDF : 72.3/65

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 104.958 $\pm$ 0.022 χ^2 /NDF: 326457.5/15

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 106.172 $\pm$ 0.022 χ^2 /NDF: 183940.9/14

Left: 105.553 $\pm$ 0.016 χ^2 /NDF: 511927.6/30

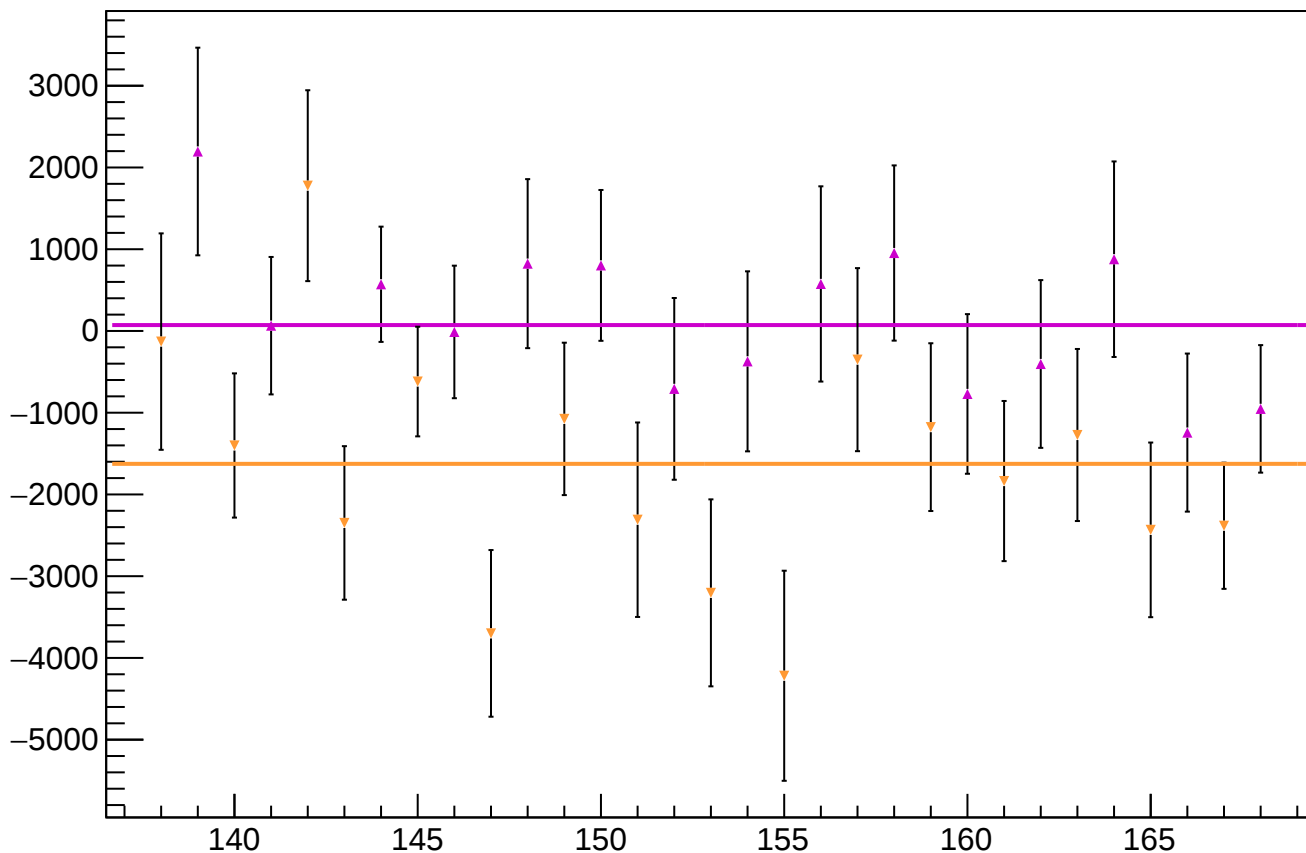
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.431 $\pm$ 0.018 χ^2 /NDF: 882133.7/31

Out: 102.492 $\pm$ 0.017 χ^2 /NDF: 1107021.3/33

All: 103.434 $\pm$ 0.012 χ^2 /NDF: 1995446.4/65

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1625.686+/-247.071 χ^2/NDF :26.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 72.157+/-247.738 χ^2/NDF :11.0/14

Left: -779.054+/-174.941 χ^2/NDF : 61.2/30

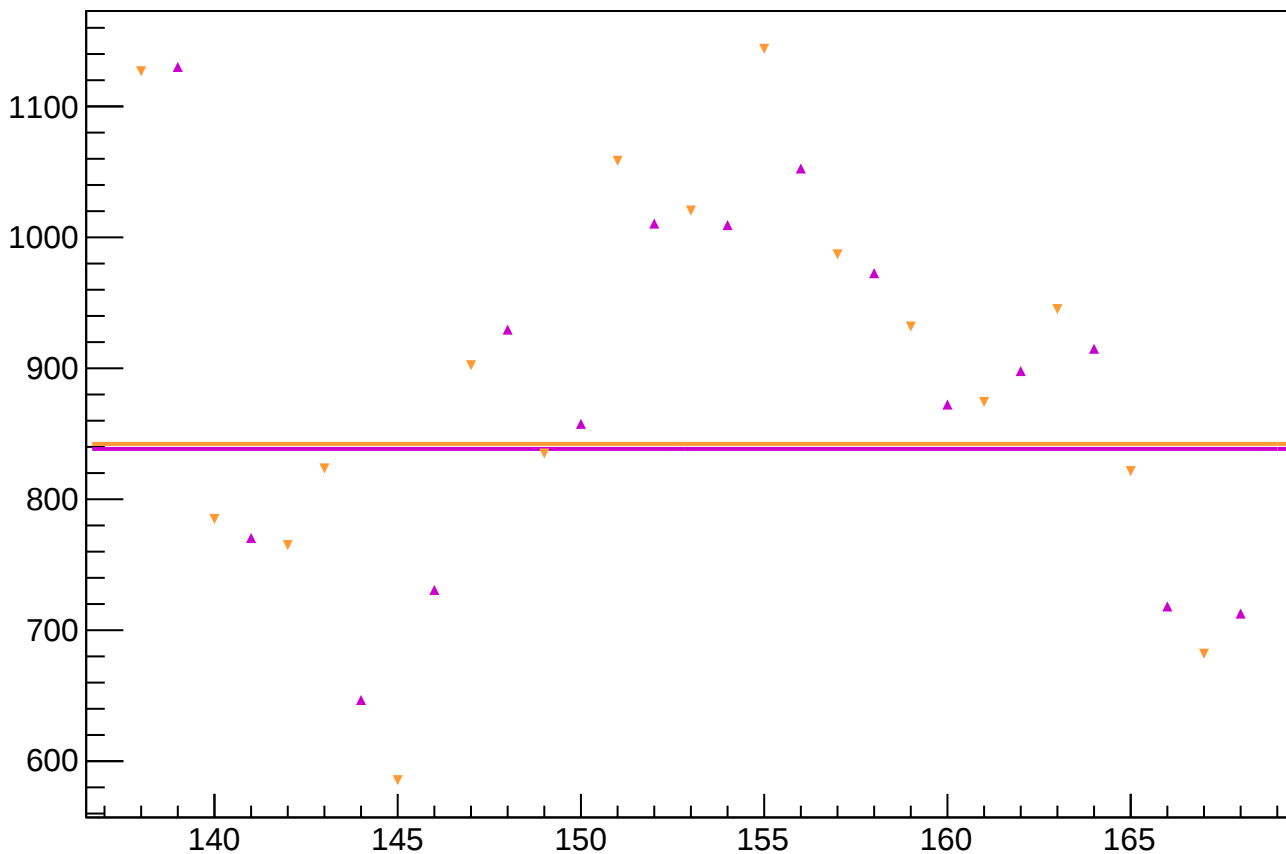
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 72.157+/-247.738 χ^2/NDF :11.0/14

Out: -1625.686+/-247.071 χ^2/NDF :26.7/15

All: -779.054+/-174.941 χ^2/NDF : 61.2/30

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 842.301+/-0.175 χ^2/NDF : 792435.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 838.456+/-0.175 χ^2/NDF : 610142.8/14

Left: 840.384+/-0.124 χ^2/NDF : 1402819.6/30

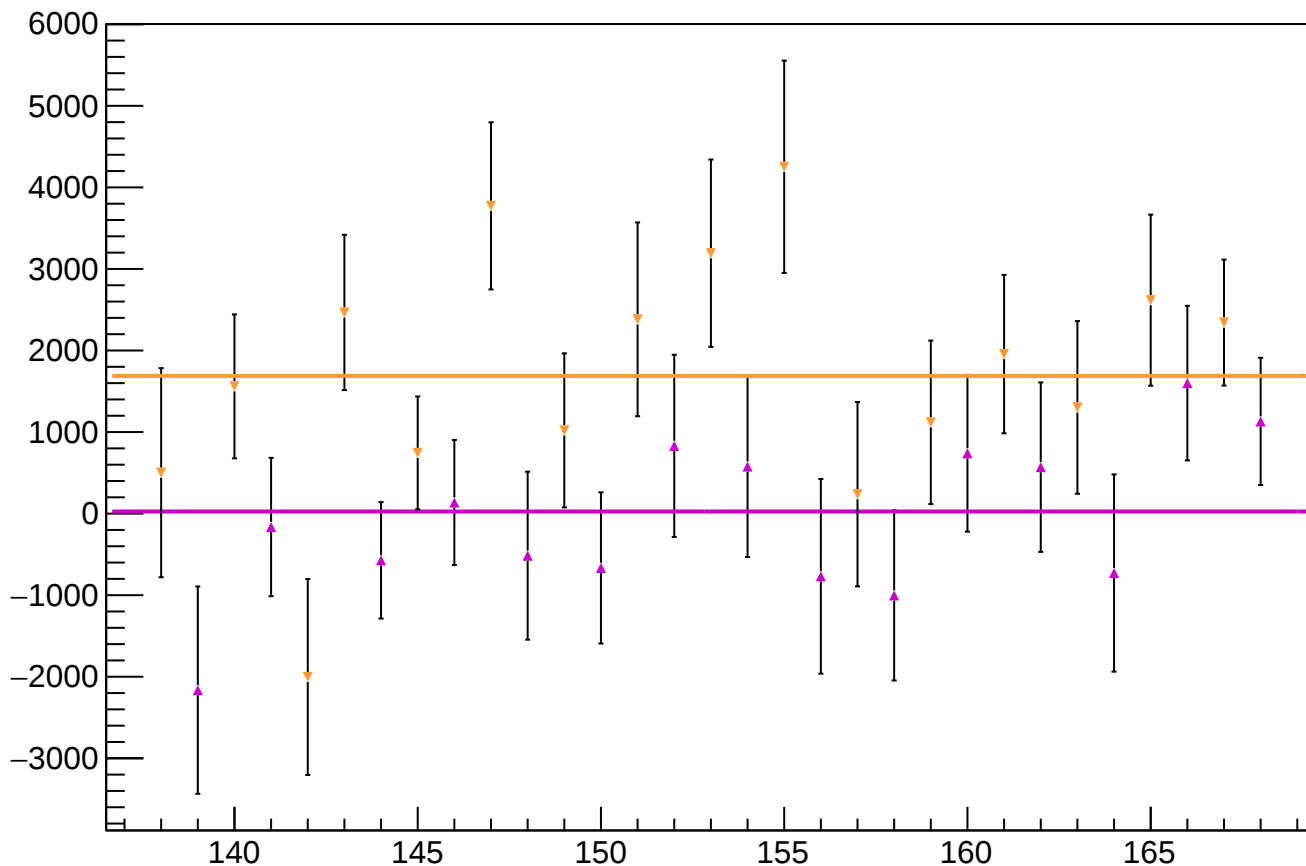
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 838.456+/-0.175 χ^2/NDF : 610142.8/14

Out: 842.301+/-0.175 χ^2/NDF : 792435.3/15

All: 840.384+/-0.124 χ^2/NDF : 1402819.6/30

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1688.633+/-248.248 χ^2/NDF :27.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.944+/-246.441 χ^2/NDF :12.7/14

Left: 851.214+/-174.895 χ^2/NDF : 62.4/30

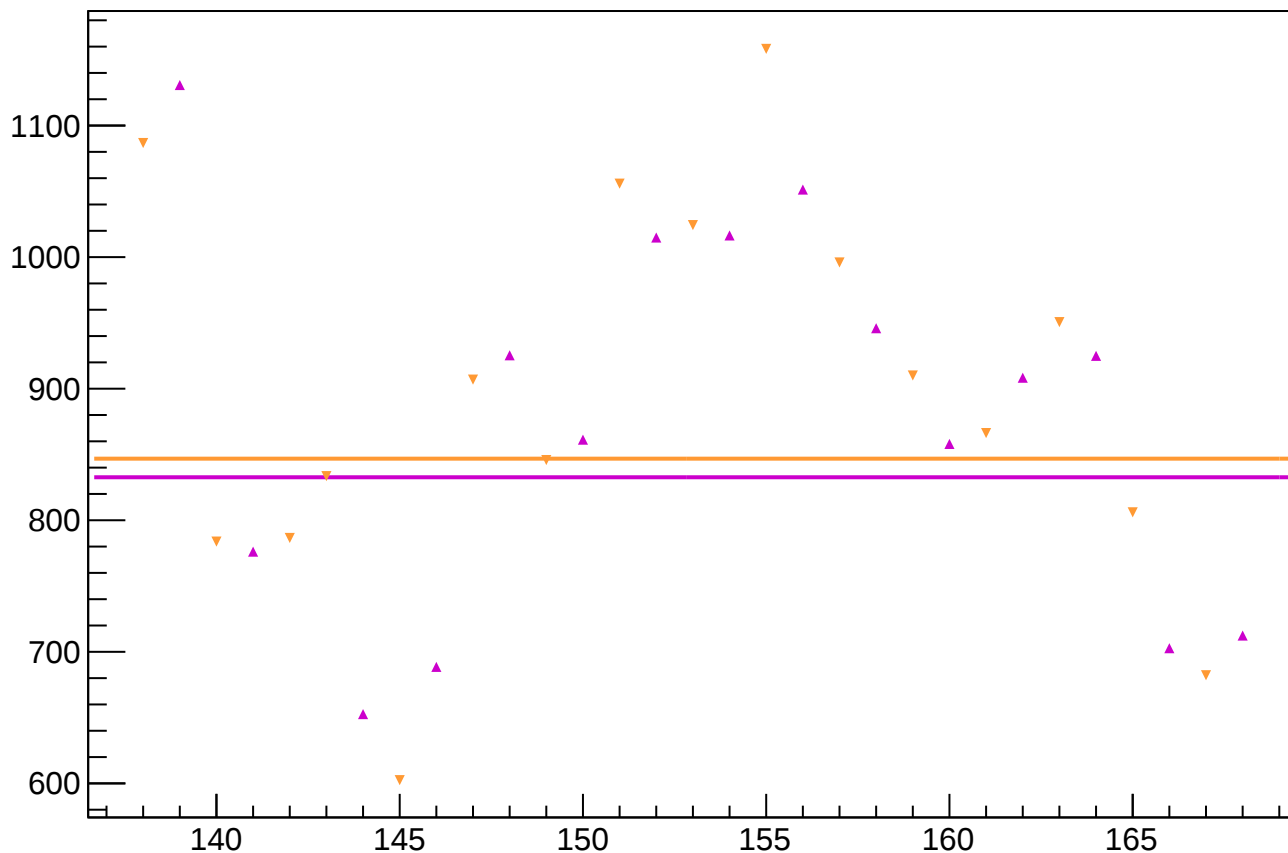
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.944+/-246.441 χ^2/NDF :12.7/14

Out: 1688.633+/-248.248 χ^2/NDF :27.1/15

All: 851.214+/-174.895 χ^2/NDF : 62.4/30

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 846.820+/-0.176 χ^2/NDF : 723232.5/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 832.676+/-0.174 χ^2/NDF : 642494.2/14

Left: 839.696+/-0.124 χ^2/NDF : 1368996.8/30

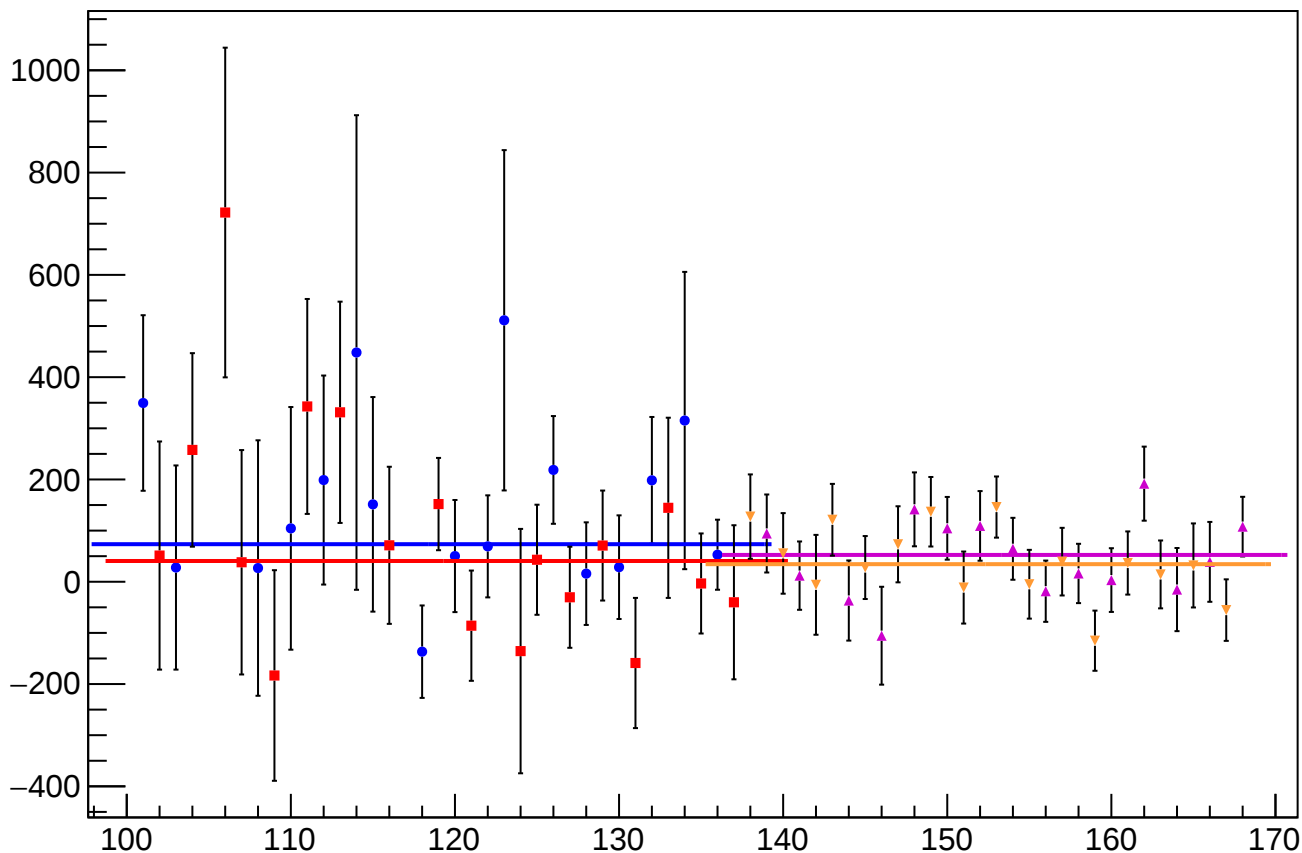
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 832.676+/-0.174 χ^2/NDF : 642494.2/14

Out: 846.820+/-0.176 χ^2/NDF : 723232.5/15

All: 839.696+/-0.124 χ^2/NDF : 1368996.8/30

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: 34.385 $\pm$ 17.121 χ^2 /NDF:18.7/15

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 52.438 $\pm$ 17.546 χ^2 /NDF:15.4/14

Left: 43.189 $\pm$ 12.254 χ^2 /NDF: 34.6/30

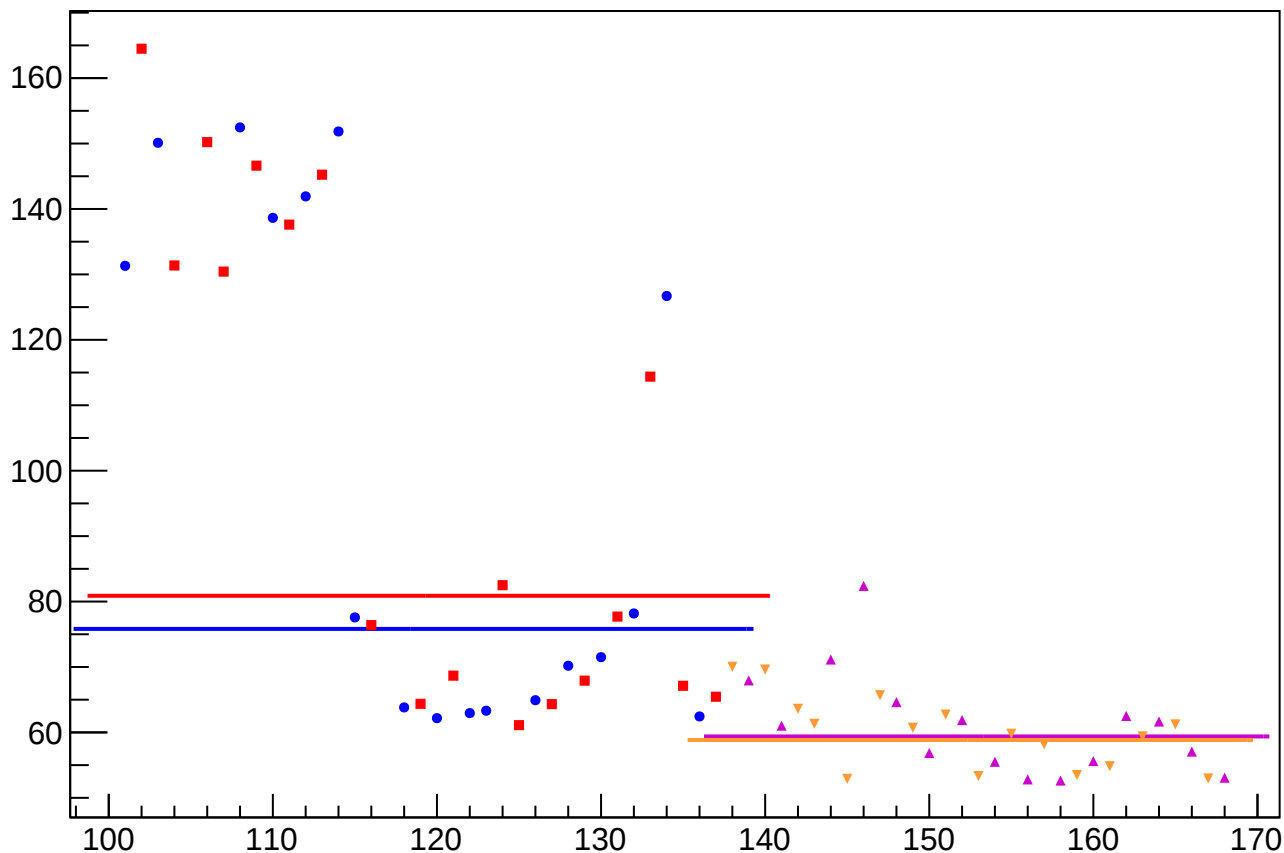
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 57.520 $\pm$ 15.277 χ^2 /NDF:31.0/31

Out: 35.718 $\pm$ 15.172 χ^2 /NDF:36.9/33

All: 46.544 $\pm$ 10.765 χ^2 /NDF: 68.9/65

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 58.846 $\pm$ 0.012 χ^2 /NDF:188137.8/15

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 59.384 $\pm$ 0.012 χ^2 /NDF:300618.5/14

Left: 59.108 $\pm$ 0.009 χ^2 /NDF: 489719.2/30

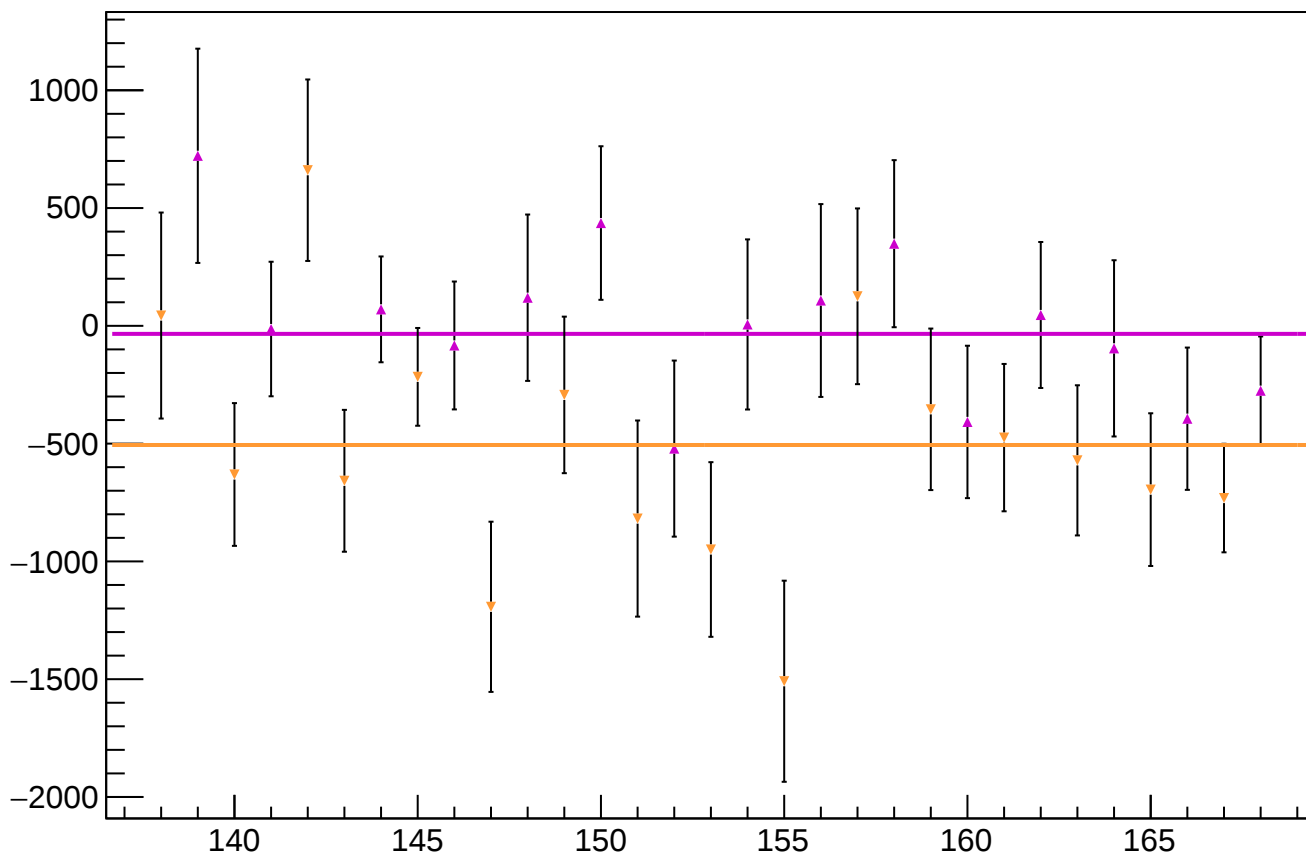
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 63.360 $\pm$ 0.011 χ^2 /NDF:2075133.0/31

Out: 63.576 $\pm$ 0.011 χ^2 /NDF:2425463.8/33

All: 63.469 $\pm$ 0.008 χ^2 /NDF: 4500799.2/65

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -505.849+/-79.942 χ^2/NDF :29.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.131+/-80.685 χ^2/NDF :12.2/14

Left: -272.173+/-56.789 χ^2/NDF : 58.5/30

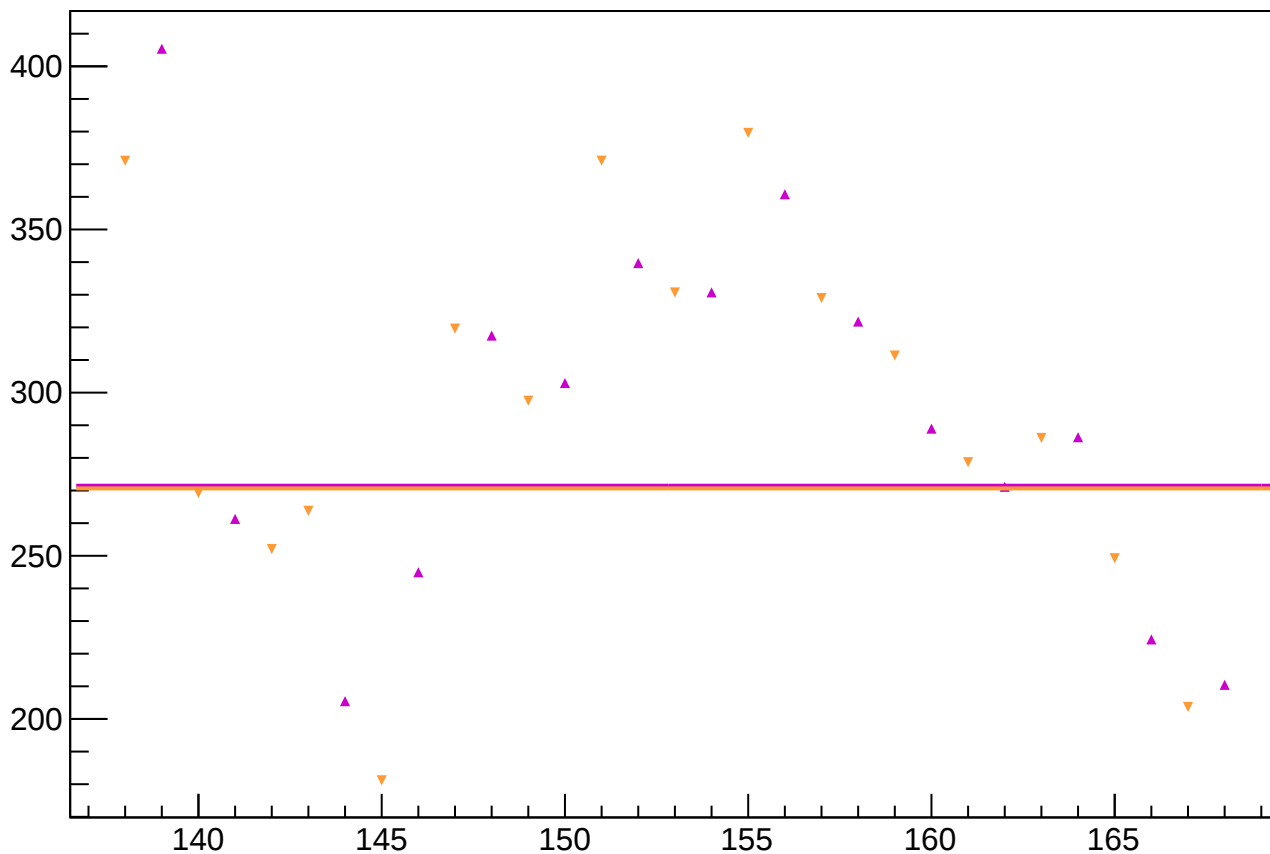
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.131+/-80.685 χ^2/NDF :12.2/14

Out: -505.849+/-79.942 χ^2/NDF :29.1/15

All: -272.173+/-56.789 χ^2/NDF : 58.5/30

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 270.648+/-0.057 χ^2/NDF :1092688.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 271.471+/-0.057 χ^2/NDF :874562.0/14

Left: 271.056+/-0.040 χ^2/NDF : 1967355.6/30

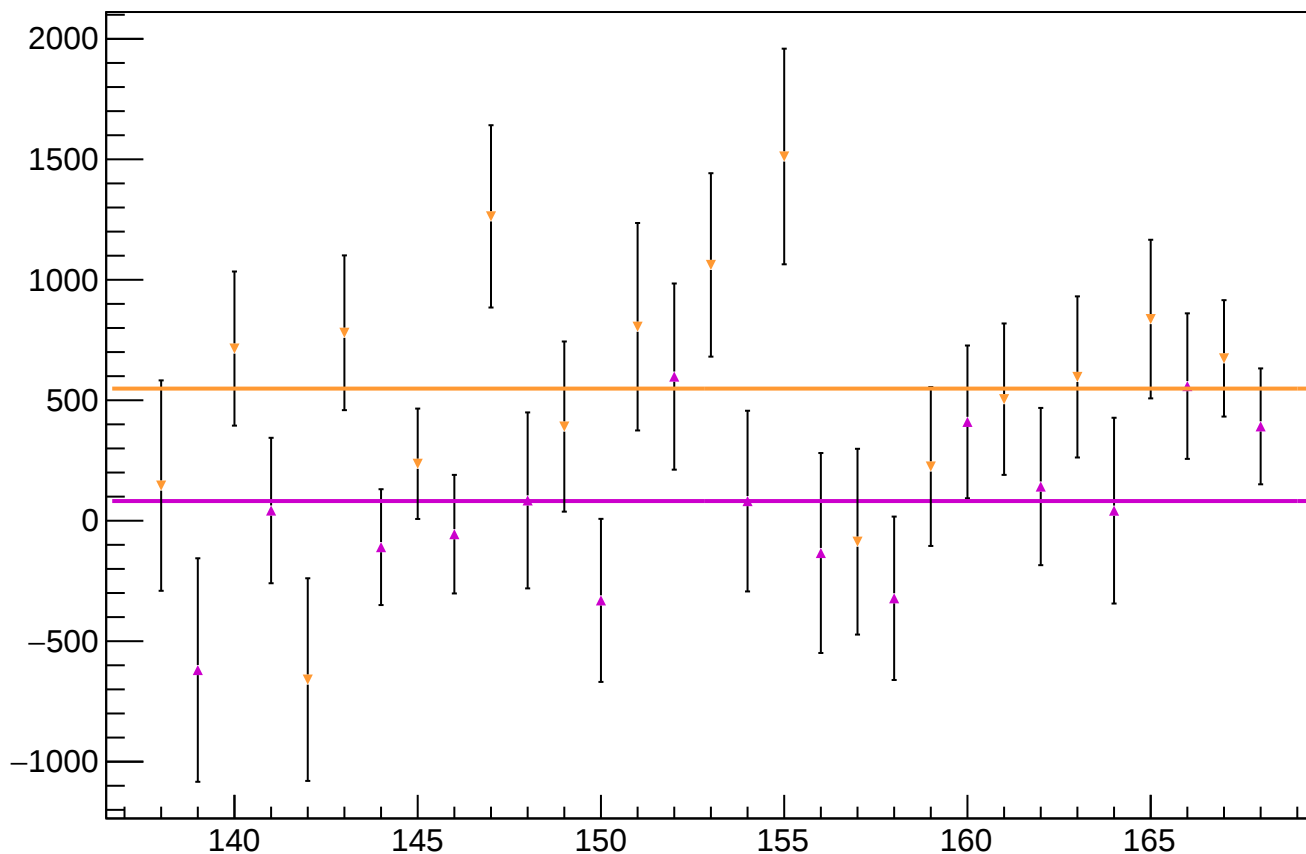
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.471+/-0.057 χ^2/NDF :874562.0/14

Out: 270.648+/-0.057 χ^2/NDF :1092688.6/15

All: 271.056+/-0.040 χ^2/NDF : 1967355.6/30

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 548.450+/-83.603 χ^2/NDF :27.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 81.669+/-82.114 χ^2/NDF :13.5/14

Left: 310.866+/-58.582 χ^2/NDF : 56.4/30

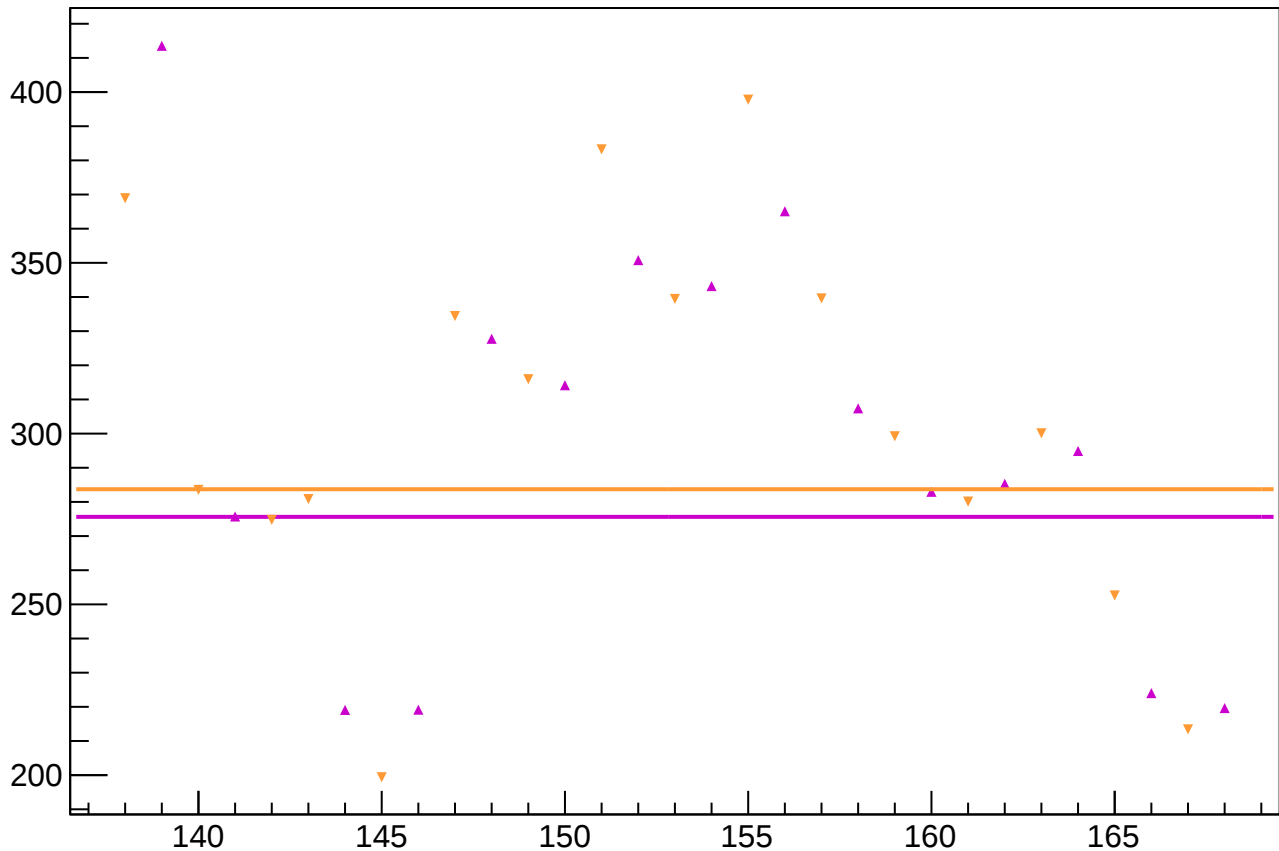
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.669+/-82.114 χ^2/NDF :13.5/14

Out: 548.450+/-83.603 χ^2/NDF :27.1/15

All: 310.866+/-58.582 χ^2/NDF : 56.4/30

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 283.712+/-0.059 χ^2/NDF :919195.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 275.626+/-0.058 χ^2/NDF :885183.6/14

Left: 279.596+/-0.041 χ^2/NDF : 1813903.2/30

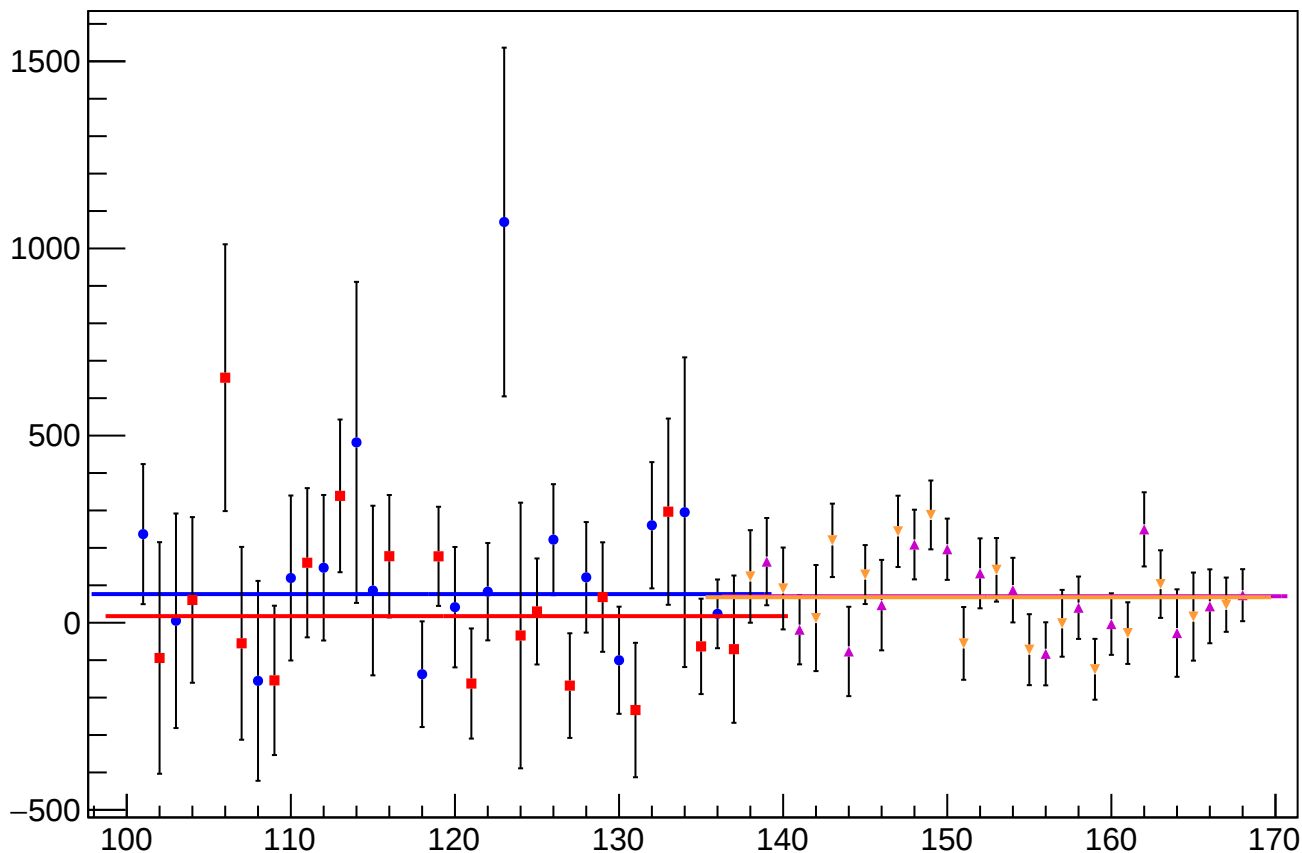
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.626+/-0.058 χ^2/NDF :885183.6/14

Out: 283.712+/-0.059 χ^2/NDF :919195.6/15

All: 279.596+/-0.041 χ^2/NDF : 1813903.2/30

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: 68.150 $\pm$ 23.203 χ^2/NDF :25.1/15

Right Out: 17.605 $\pm$ 42.297 χ^2/NDF : 16.8/17

Left In: 70.804 $\pm$ 23.838 χ^2/NDF :16.5/14

Left: 69.441 $\pm$ 16.627 χ^2/NDF : 41.5/30

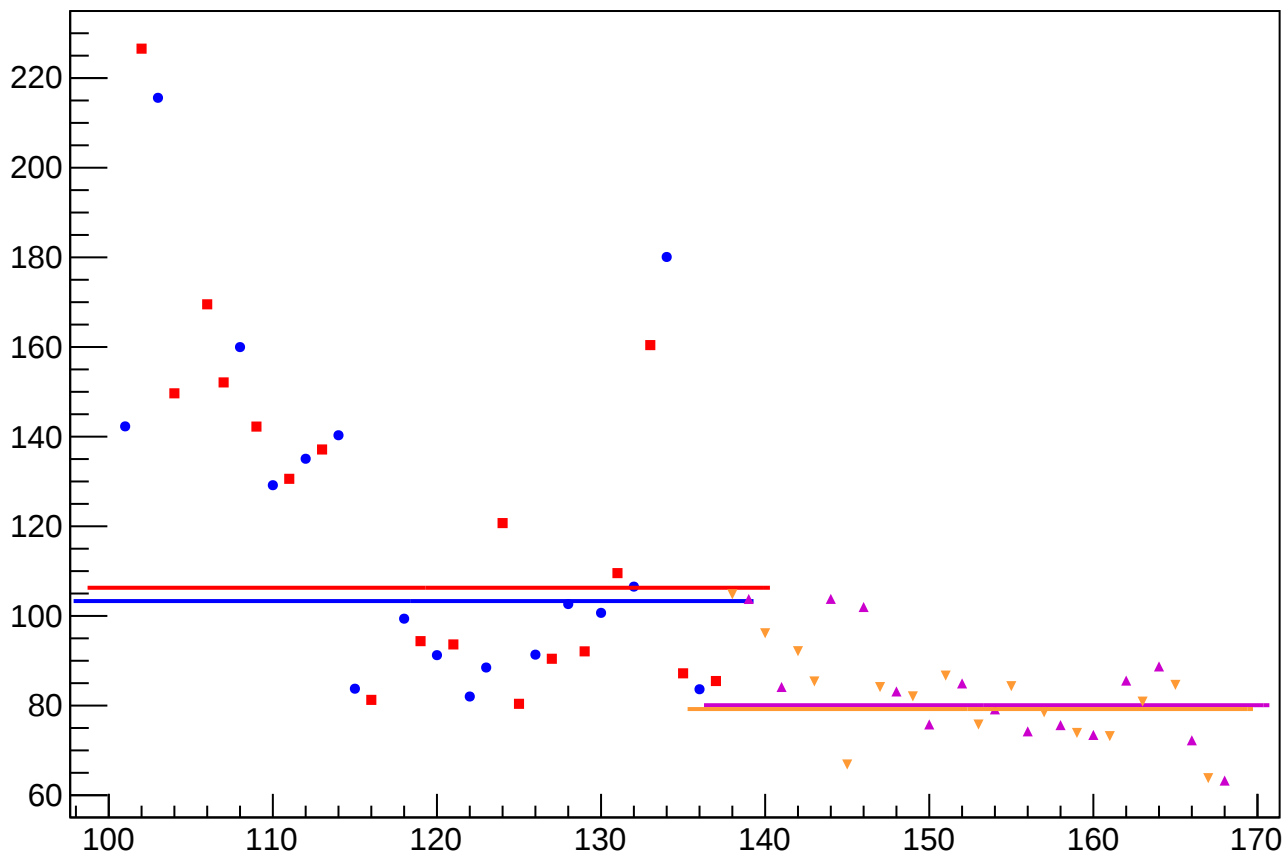
Right: 47.573 $\pm$ 29.644 χ^2/NDF : 31.7/34

In: 72.215 $\pm$ 20.678 χ^2/NDF :30.4/31

Out: 56.458 $\pm$ 20.343 χ^2/NDF :43.0/33

All: 64.208 $\pm$ 14.502 χ^2/NDF : 73.6/65

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: 79.224 $\pm$ 0.016 χ^2/NDF :350309.6/15

Right Out: 106.289 $\pm$ 0.030 χ^2/NDF : 1000708.3/17

Left In: 80.083 $\pm$ 0.017 χ^2/NDF :419566.9/14

Left: 79.642 $\pm$ 0.012 χ^2/NDF : 771209.2/30

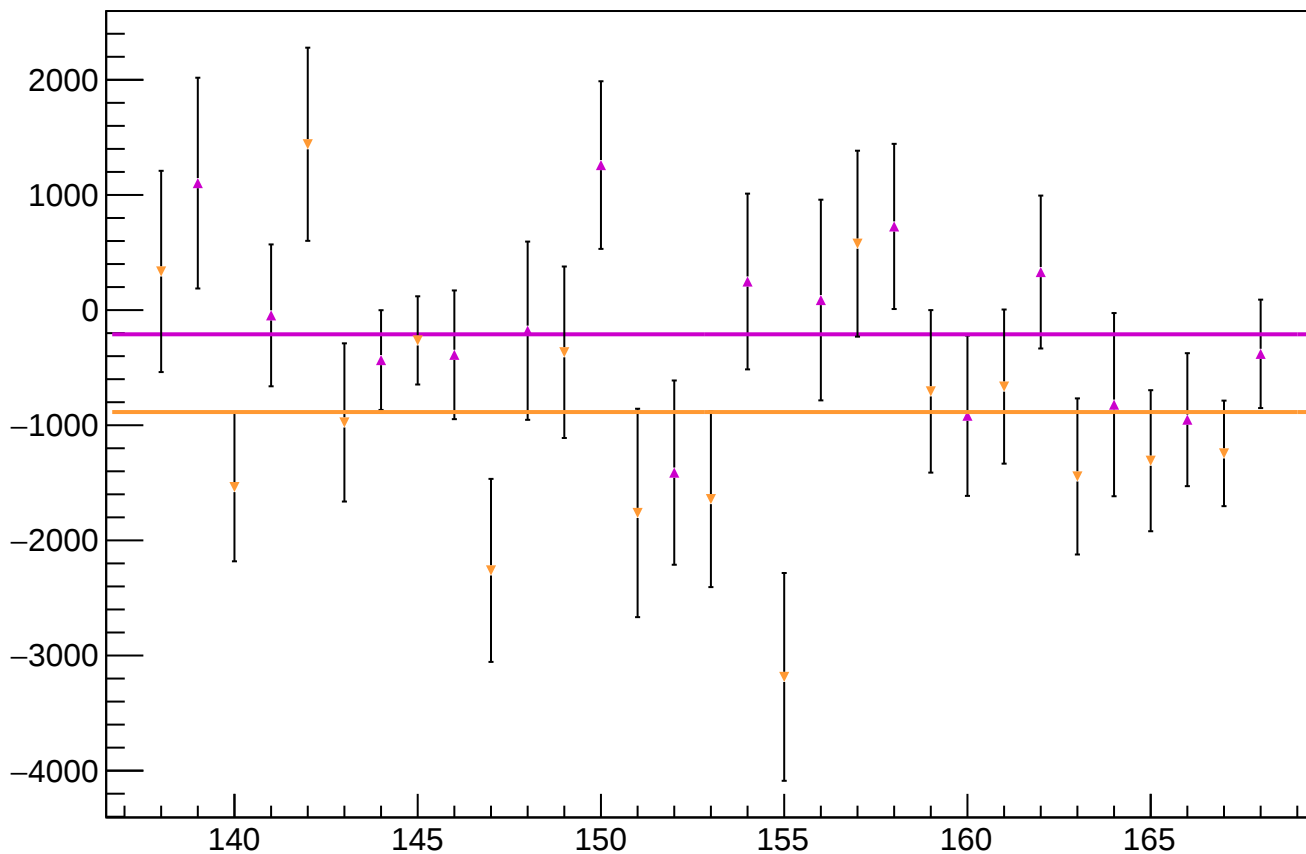
Right: 104.777 $\pm$ 0.021 χ^2/NDF : 1843531.0/34

In: 85.835 $\pm$ 0.015 χ^2/NDF :1727767.4/31

Out: 85.485 $\pm$ 0.014 χ^2/NDF :1980446.9/33

All: 85.657 $\pm$ 0.010 χ^2/NDF : 3708506.2/65

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -885.387+/-164.420 χ^2/NDF :30.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -210.179+/-166.958 χ^2/NDF :15.1/14

Left: -552.954+/-117.149 χ^2/NDF : 53.8/30

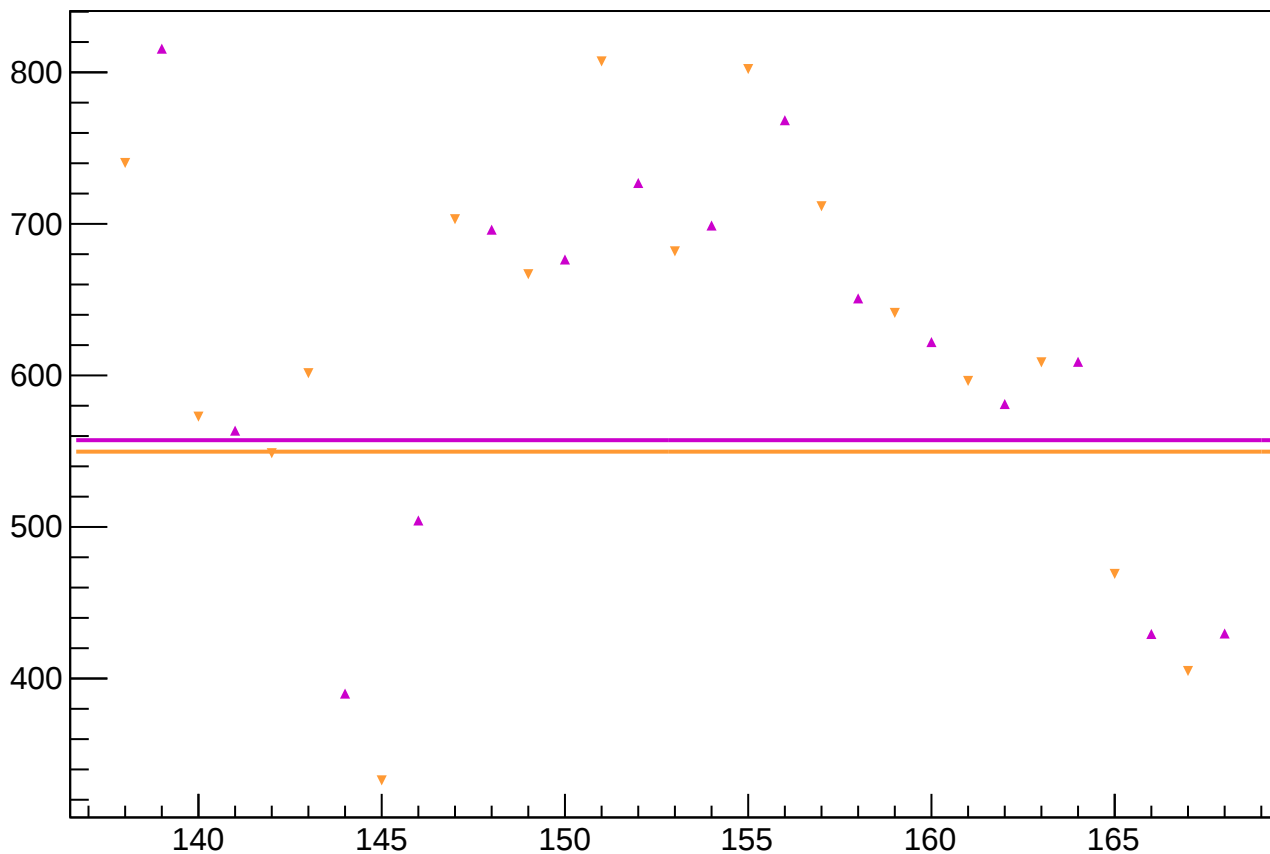
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -210.179+/-166.958 χ^2/NDF :15.1/14

Out: -885.387+/-164.420 χ^2/NDF :30.4/15

All: -552.954+/-117.149 χ^2/NDF : 53.8/30

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 549.700+/-0.116 χ^2/NDF :1625506.0/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 557.263+/-0.118 χ^2/NDF :1177159.5/14

Left: 553.424+/-0.083 χ^2/NDF : 2804749.0/30

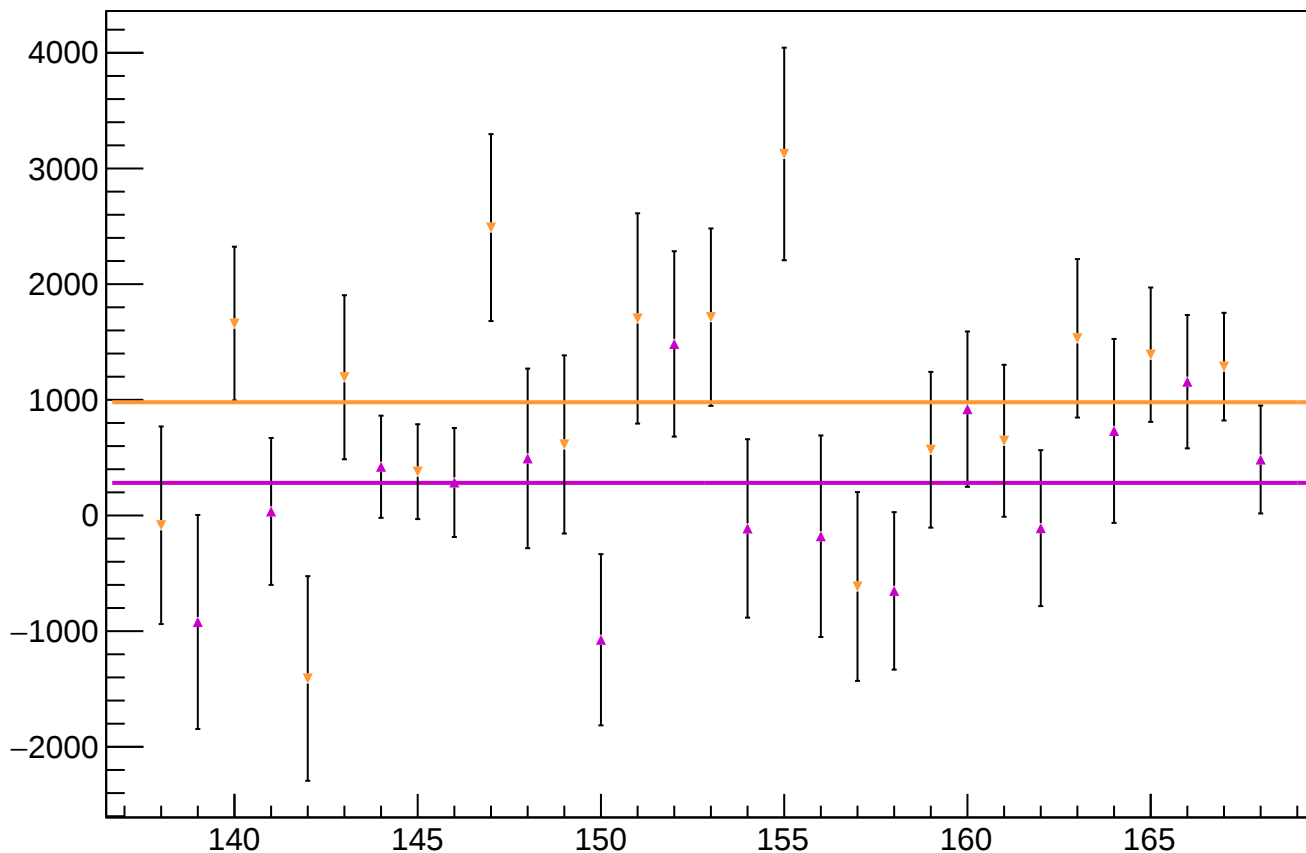
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 557.263+/-0.118 χ^2/NDF :1177159.5/14

Out: 549.700+/-0.116 χ^2/NDF :1625506.0/15

All: 553.424+/-0.083 χ^2/NDF : 2804749.0/30

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 979.140+/-166.917 χ^2/NDF : 28.9/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 282.013+/-164.234 χ^2/NDF : 14.1/14

Left: 624.930+/-117.068 χ^2/NDF : 51.8/30

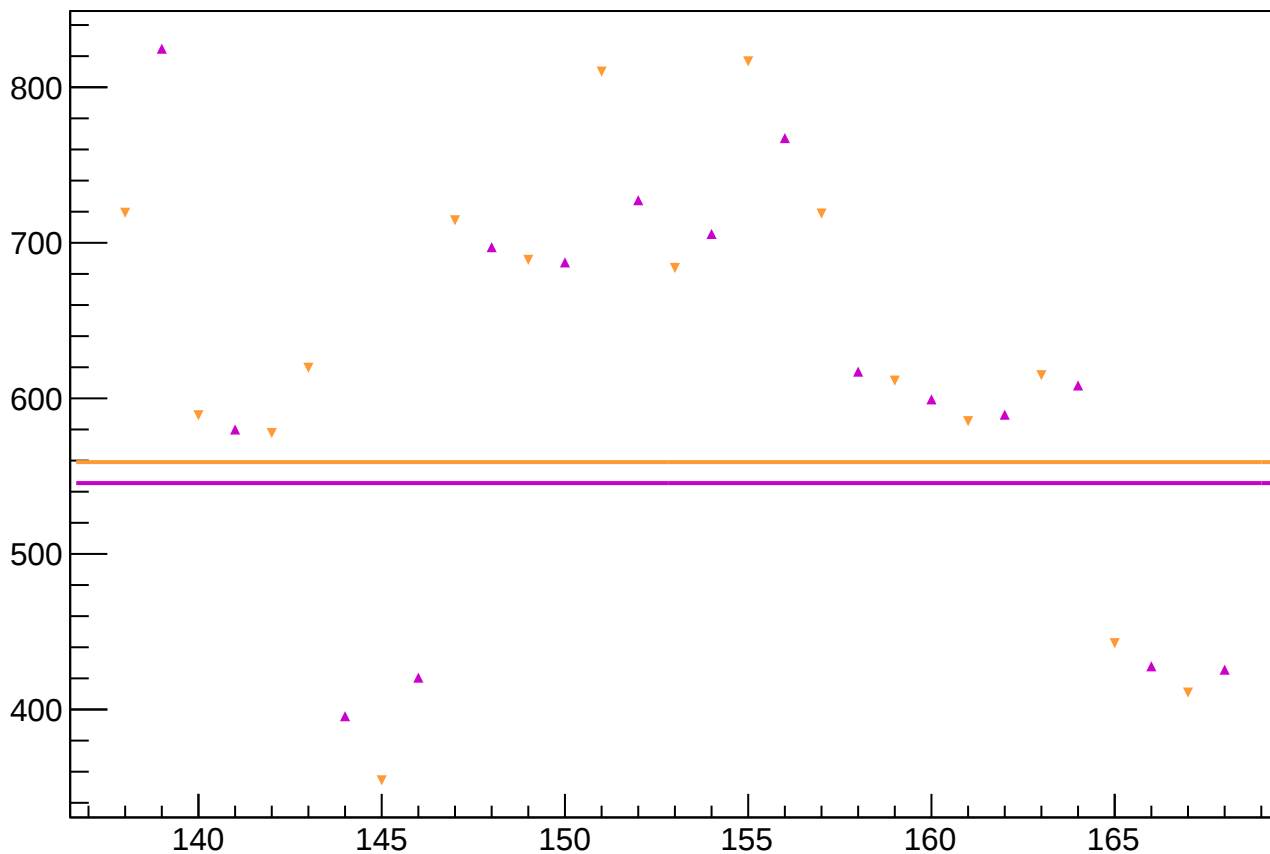
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 282.013+/-164.234 χ^2/NDF : 14.1/14

Out: 979.140+/-166.917 χ^2/NDF : 28.9/15

All: 624.930+/-117.068 χ^2/NDF : 51.8/30

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 559.021+/-0.118 χ^2/NDF :1469926.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 545.537+/-0.116 χ^2/NDF :1299332.1/14

Left: 552.170+/-0.083 χ^2/NDF : 2775890.3/30

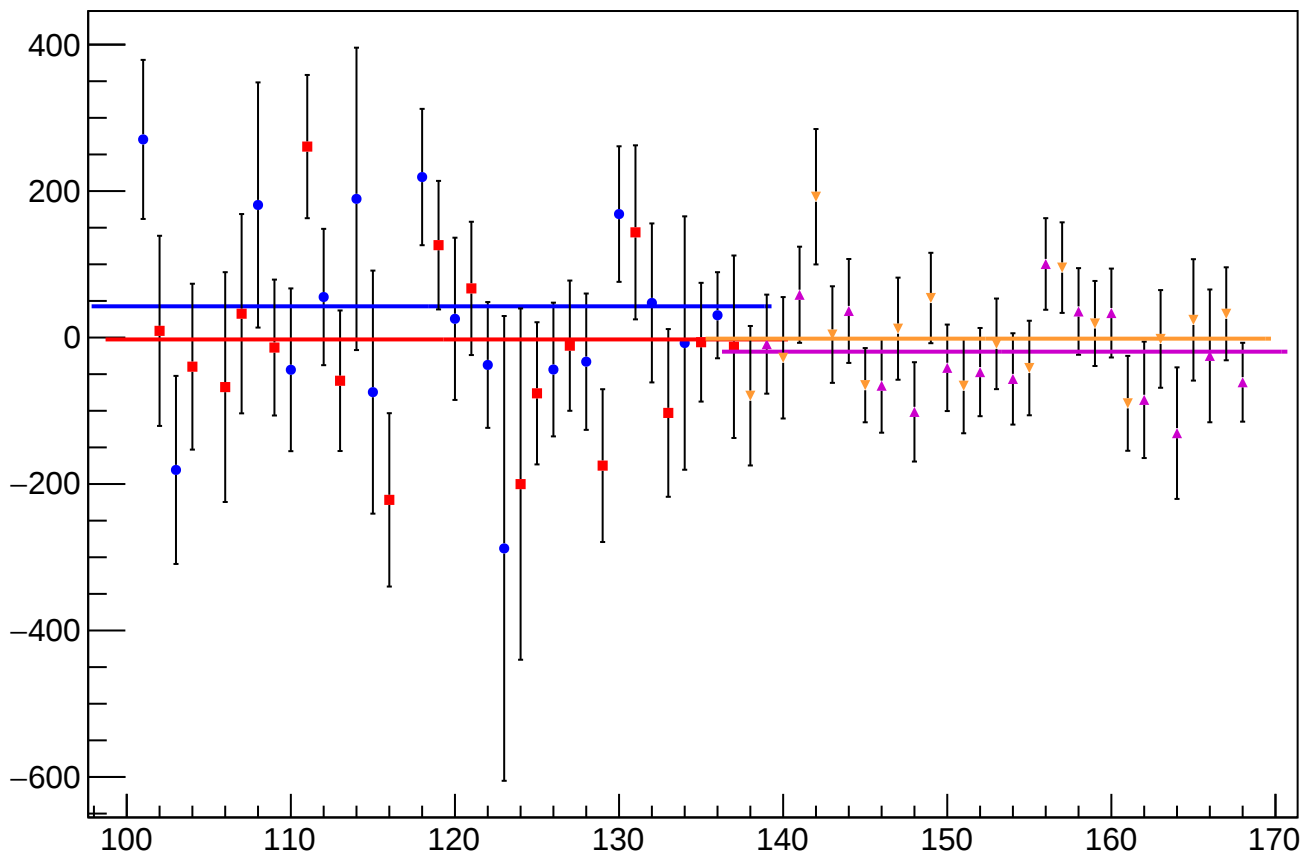
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 545.537+/-0.116 χ^2/NDF :1299332.1/14

Out: 559.021+/-0.118 χ^2/NDF :1469926.2/15

All: 552.170+/-0.083 χ^2/NDF : 2775890.3/30

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2/NDF : 18.9/16

Left Out: -1.502 $\pm$ 16.635 χ^2/NDF :13.8/15

Right Out: -2.576 $\pm$ 25.088 χ^2/NDF : 20.4/17

Left In: -19.294 $\pm$ 16.925 χ^2/NDF :12.8/14

Left: -10.244 $\pm$ 11.864 χ^2/NDF : 27.2/30

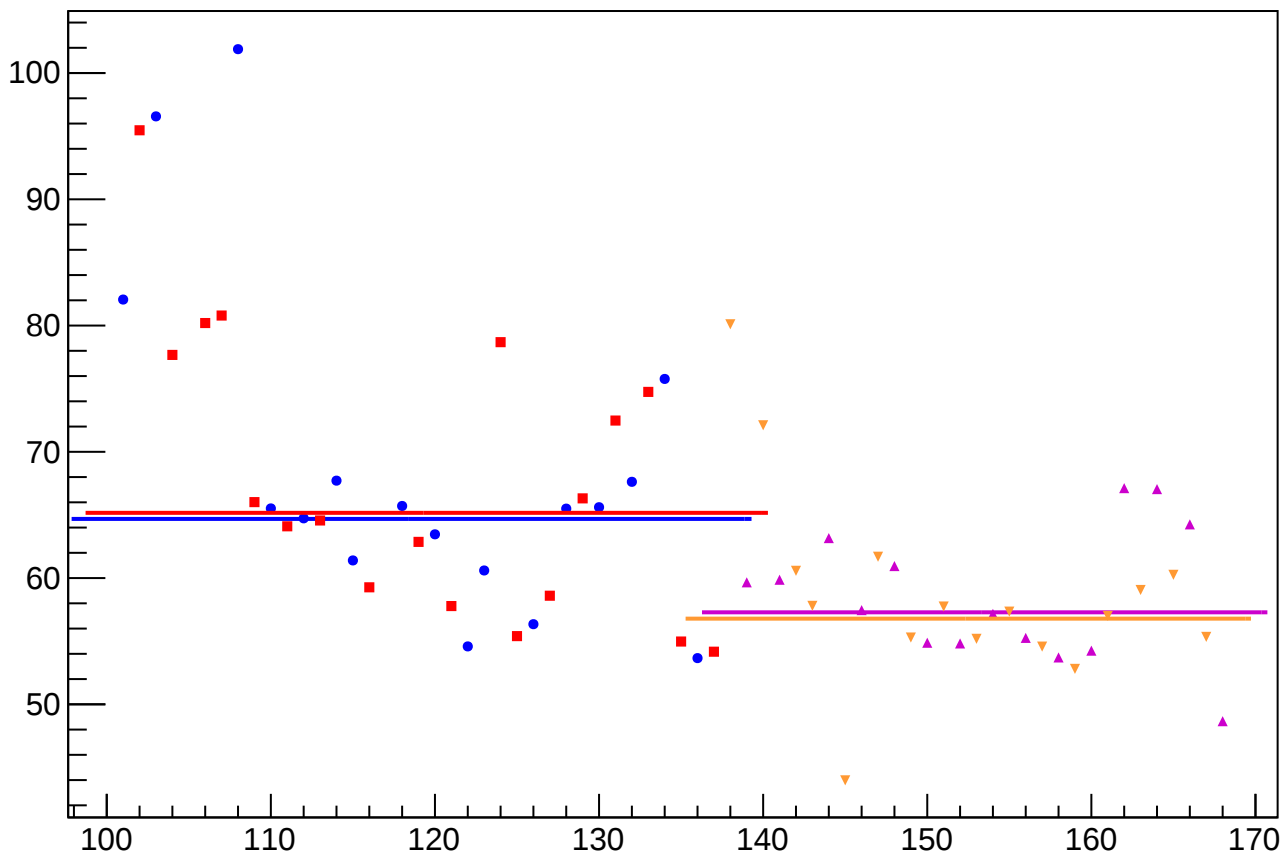
Right: 19.683 $\pm$ 17.879 χ^2/NDF : 40.9/34

In: -0.334 $\pm$ 14.099 χ^2/NDF :35.8/31

Out: -1.830 $\pm$ 13.864 χ^2/NDF :34.2/33

All: -1.095 $\pm$ 9.885 χ^2/NDF : 70.0/65

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.787 $\pm$ 0.012 χ^2 /NDF: 351489.4/15

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.288 $\pm$ 0.012 χ^2 /NDF: 163563.4/14

Left: 57.033 $\pm$ 0.008 χ^2 /NDF: 515944.8/30

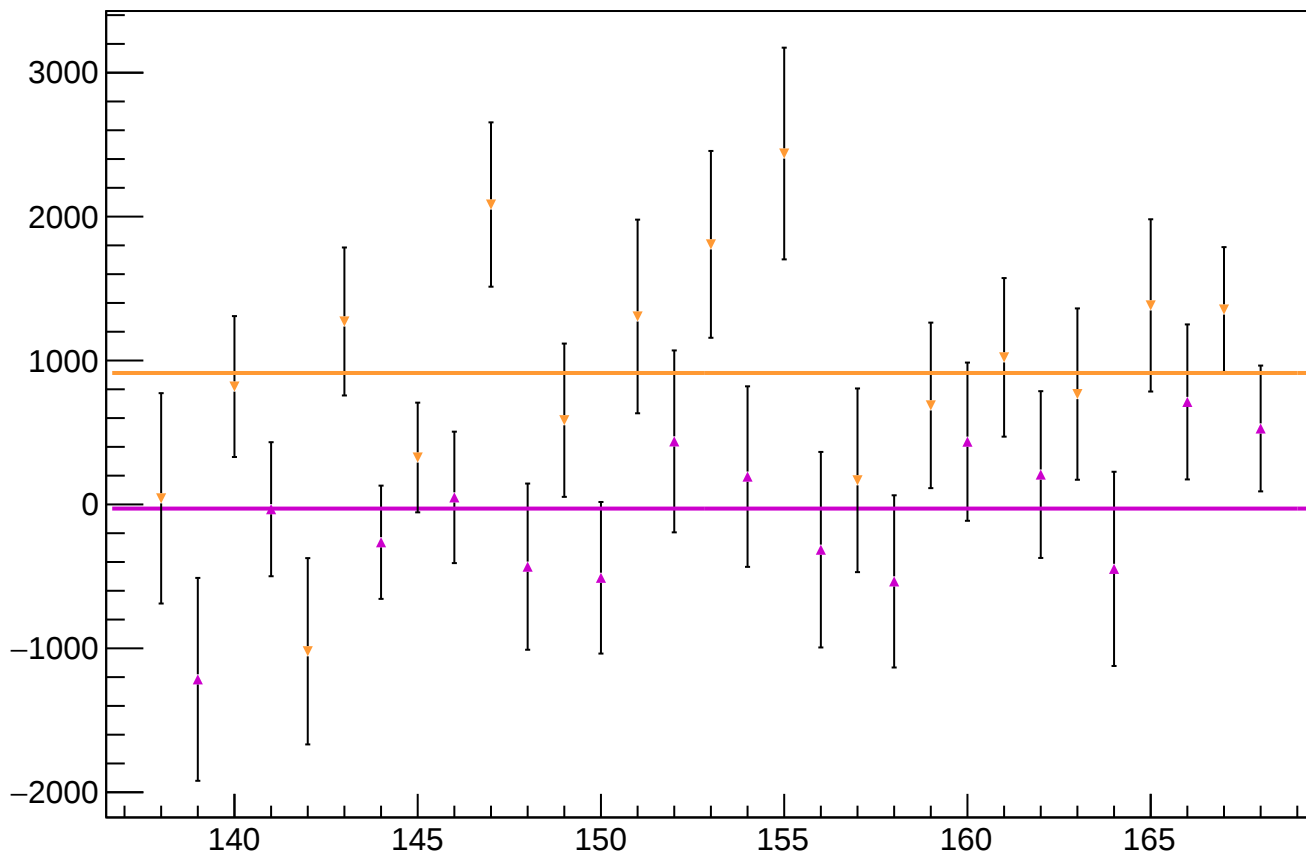
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.552 $\pm$ 0.010 χ^2 /NDF: 680691.0/31

Out: 59.346 $\pm$ 0.010 χ^2 /NDF: 811100.0/33

All: 59.447 $\pm$ 0.007 χ^2 /NDF: 1492008.0/65

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: 913.379+/-138.907 χ^2/NDF :27.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.838+/-139.145 χ^2/NDF :10.9/14

Left: 443.076+/-98.306 χ^2/NDF : 61.5/30

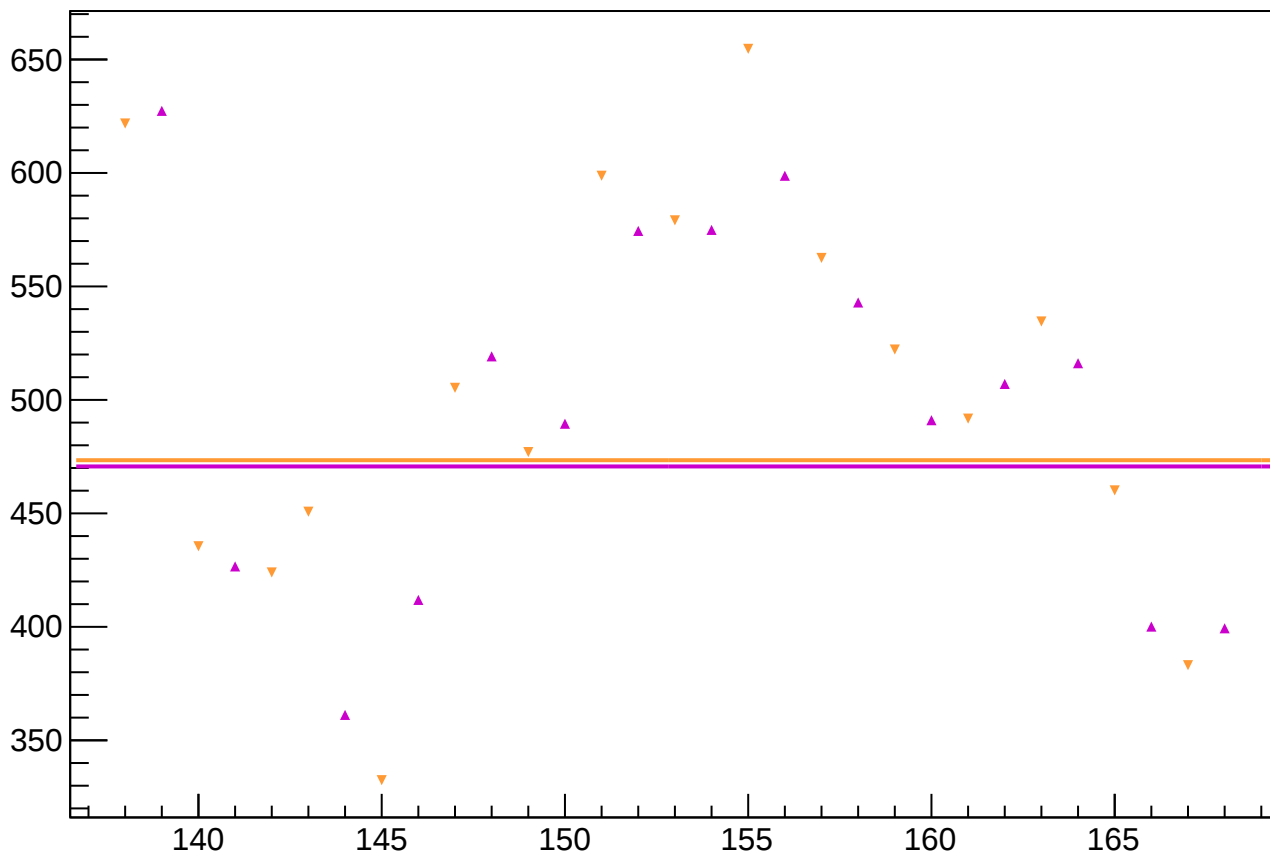
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.838+/-139.145 χ^2/NDF :10.9/14

Out: 913.379+/-138.907 χ^2/NDF :27.6/15

All: 443.076+/-98.306 χ^2/NDF : 61.5/30

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: 473.427+/-0.098 χ^2/NDF : 798433.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 470.679+/-0.098 χ^2/NDF : 638013.6/14

Left: 472.055+/-0.070 χ^2/NDF : 1436837.9/30

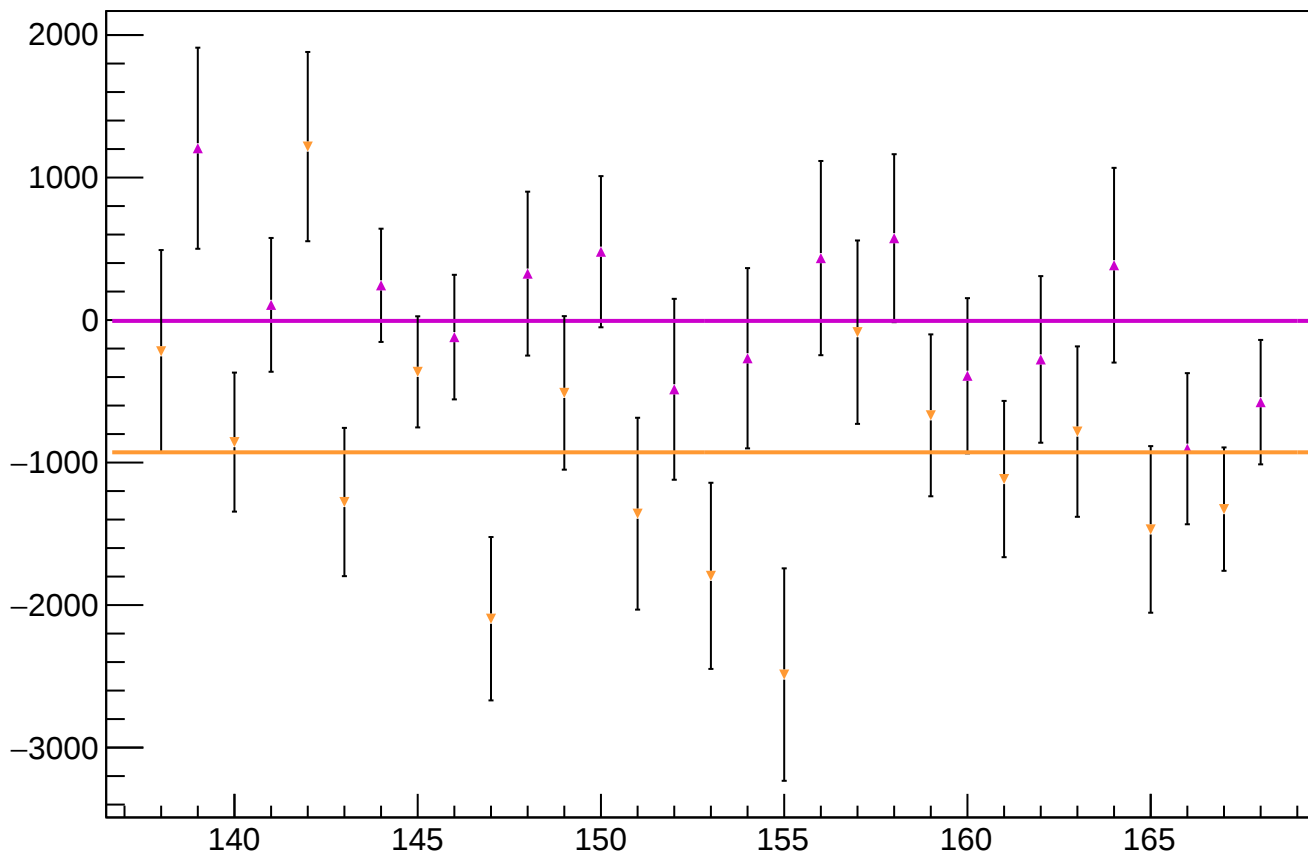
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 470.679+/-0.098 χ^2/NDF : 638013.6/14

Out: 473.427+/-0.098 χ^2/NDF : 798433.6/15

All: 472.055+/-0.070 χ^2/NDF : 1436837.9/30

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -928.078+/-139.398 χ^2/NDF :29.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.905+/-138.743 χ^2/NDF :12.4/14

Left: -464.819+/-98.337 χ^2/NDF : 63.5/30

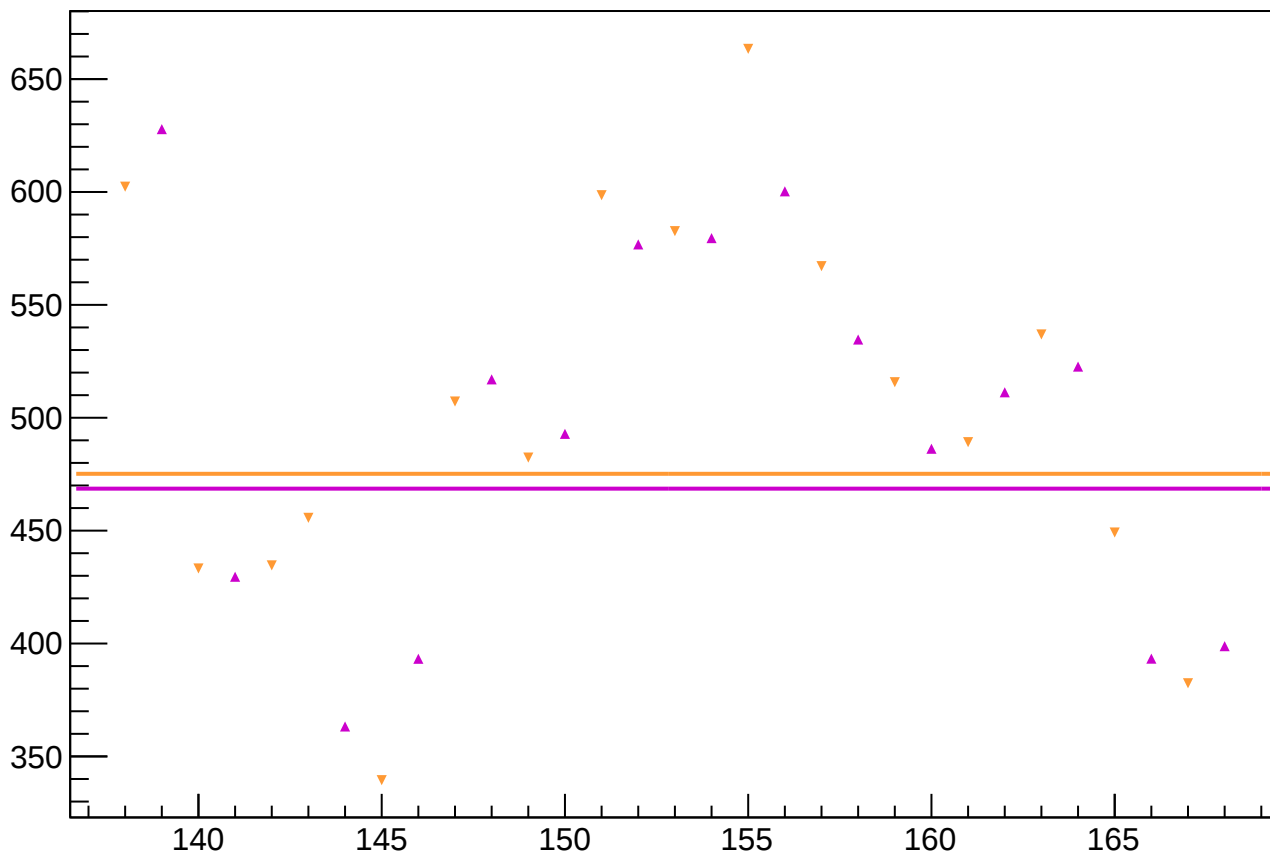
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.905+/-138.743 χ^2/NDF :12.4/14

Out: -928.078+/-139.398 χ^2/NDF :29.1/15

All: -464.819+/-98.337 χ^2/NDF : 63.5/30

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 475.175+/-0.099 χ^2/NDF : 756297.9/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 468.599+/-0.098 χ^2/NDF : 670210.0/14

Left: 471.872+/-0.070 χ^2/NDF : 1428743.3/30

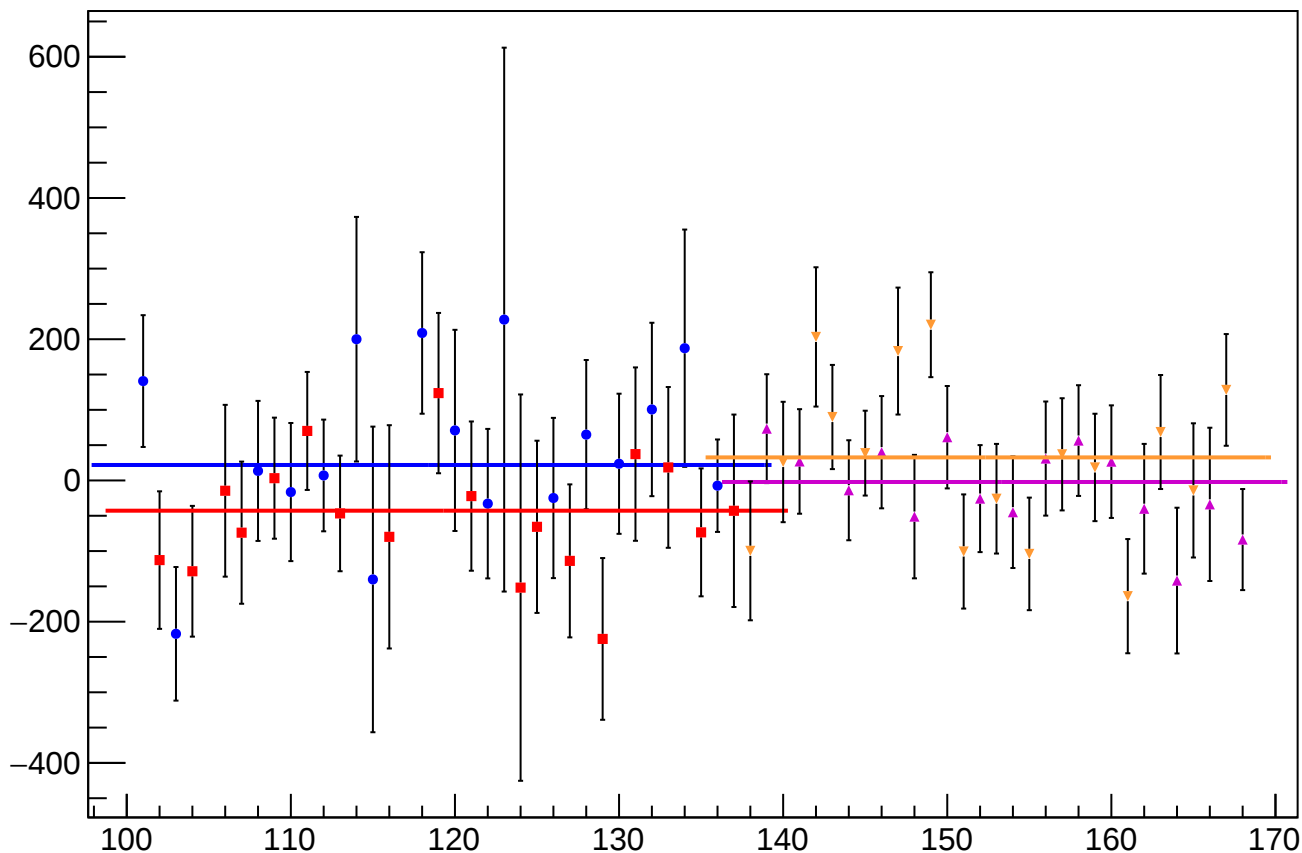
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 468.599+/-0.098 χ^2/NDF : 670210.0/14

Out: 475.175+/-0.099 χ^2/NDF : 756297.9/15

All: 471.872+/-0.070 χ^2/NDF : 1428743.3/30

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 32.650 ± 20.023 $\chi^2/\text{NDF}: 28.7/15$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: -2.179 ± 20.719 $\chi^2/\text{NDF}: 7.1/14$

Left: 15.831 ± 14.398 $\chi^2/\text{NDF}: 37.3/30$

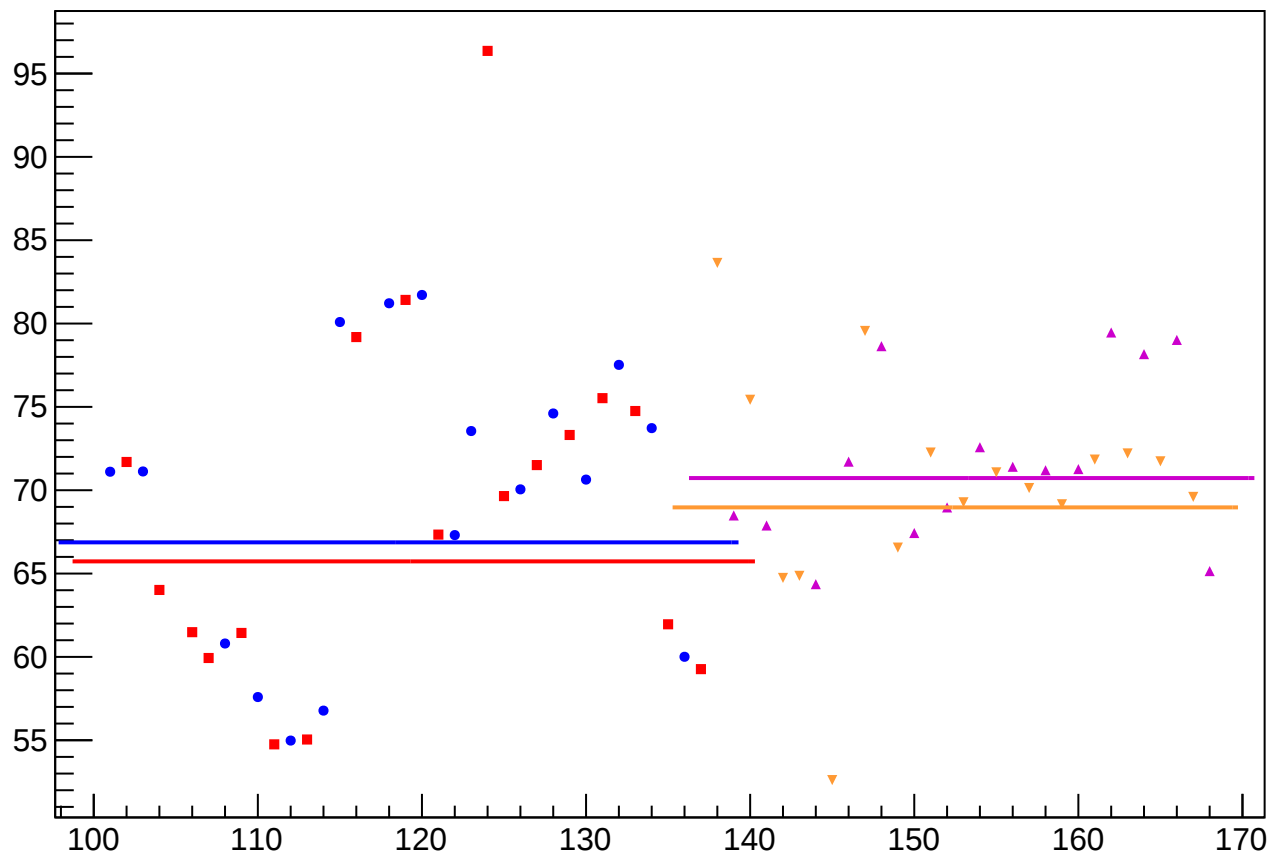
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 7.152 ± 16.217 $\chi^2/\text{NDF}: 22.7/31$

Out: 3.324 ± 15.656 $\chi^2/\text{NDF}: 44.1/33$

All: 5.171 ± 11.264 $\chi^2/\text{NDF}: 66.8/65$

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: 68.970 $\pm$ 0.014 χ^2/NDF : 256758.2/15

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 70.730 $\pm$ 0.015 χ^2/NDF : 96414.2/14

Left: 69.820 $\pm$ 0.010 χ^2/NDF : 360632.7/30

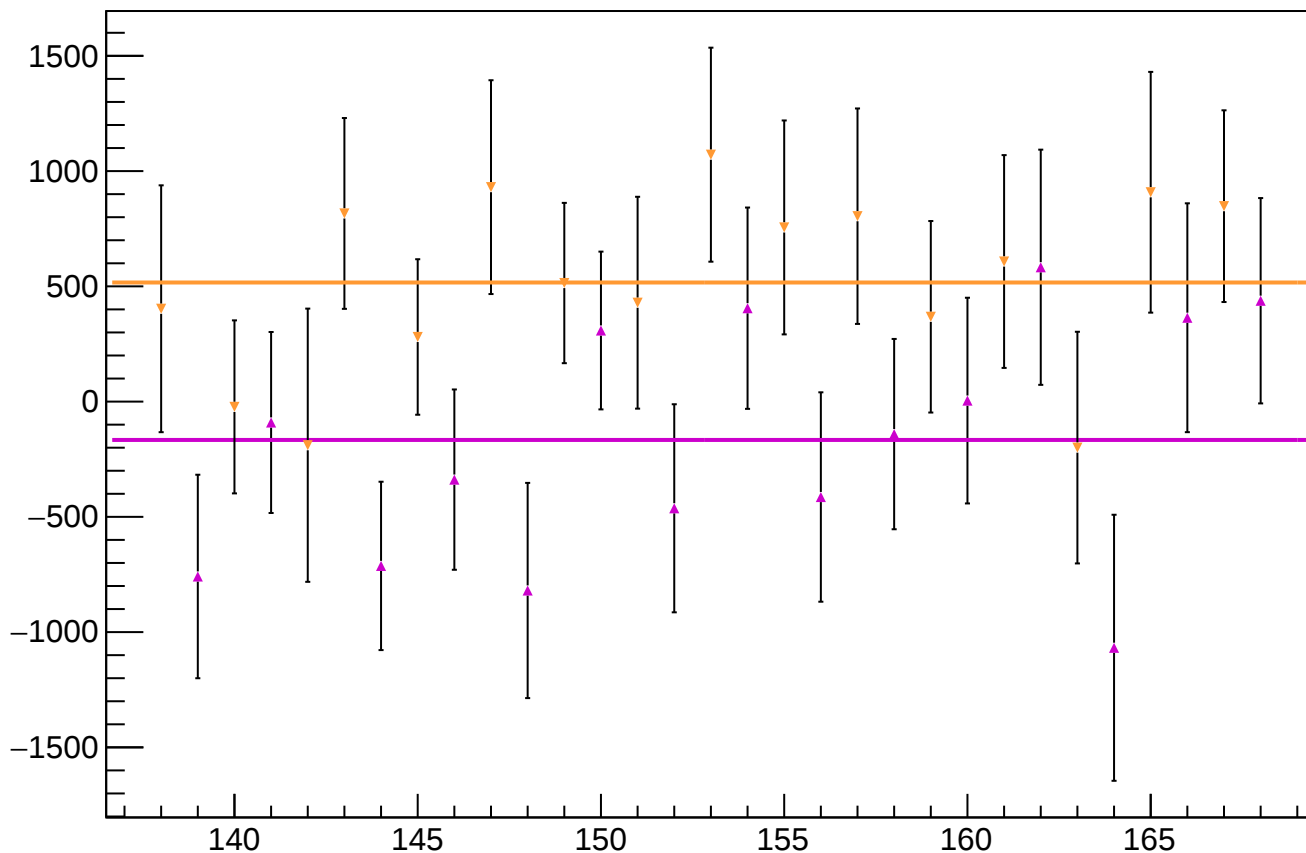
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 69.235 $\pm$ 0.011 χ^2/NDF : 325790.6/31

Out: 67.711 $\pm$ 0.011 χ^2/NDF : 495970.1/33

All: 68.447 $\pm$ 0.008 χ^2/NDF : 830904.6/65

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: 516.713 ± 109.453 χ^2/NDF : 10.8/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -166.363 ± 111.376 χ^2/NDF : 18.3/14

Left: 181.121 ± 78.066 χ^2/NDF : 48.3/30

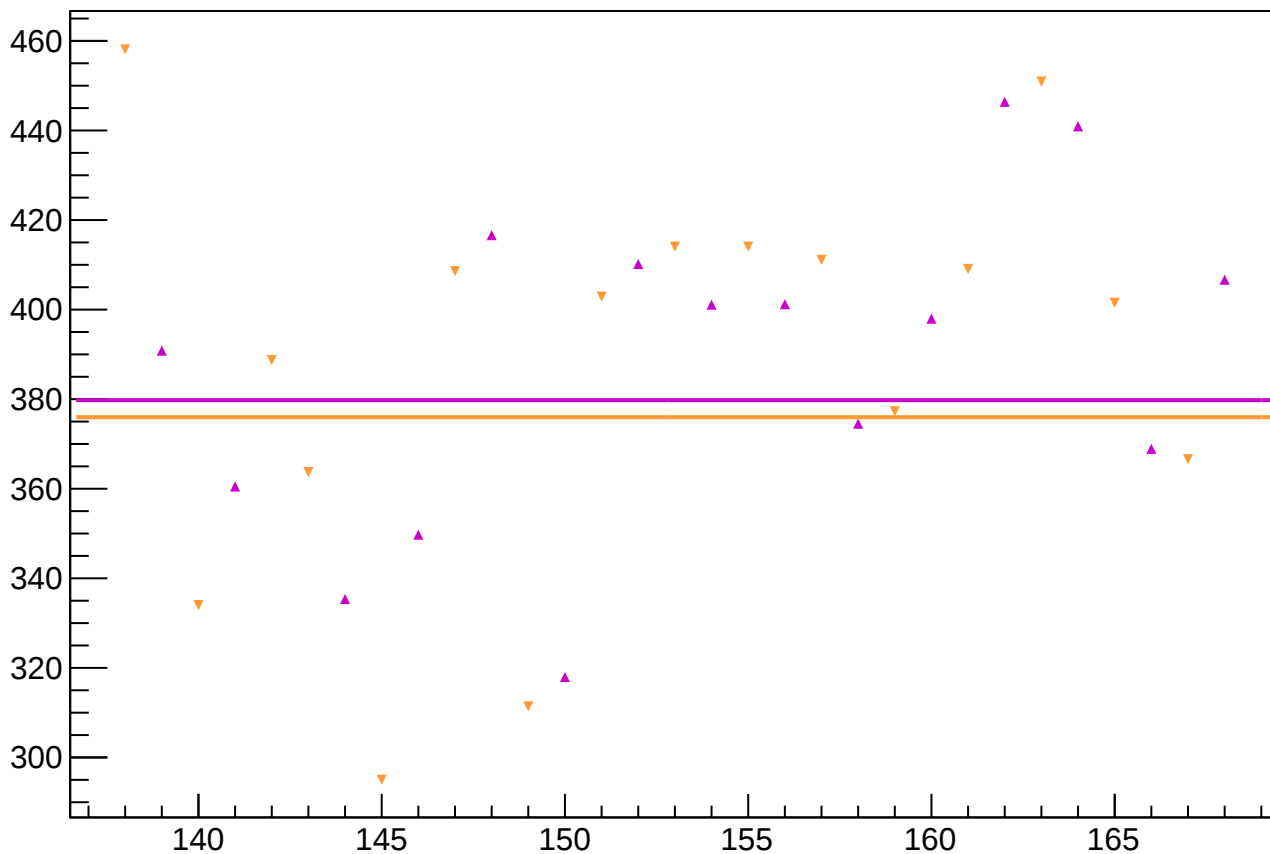
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -166.363 ± 111.376 χ^2/NDF : 18.3/14

Out: 516.713 ± 109.453 χ^2/NDF : 10.8/15

All: 181.121 ± 78.066 χ^2/NDF : 48.3/30

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 375.986+/-0.077 χ^2/NDF : 374443.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 379.784+/-0.079 χ^2/NDF : 211905.8/14

Left: 377.852+/-0.055 χ^2/NDF : 587532.5/30

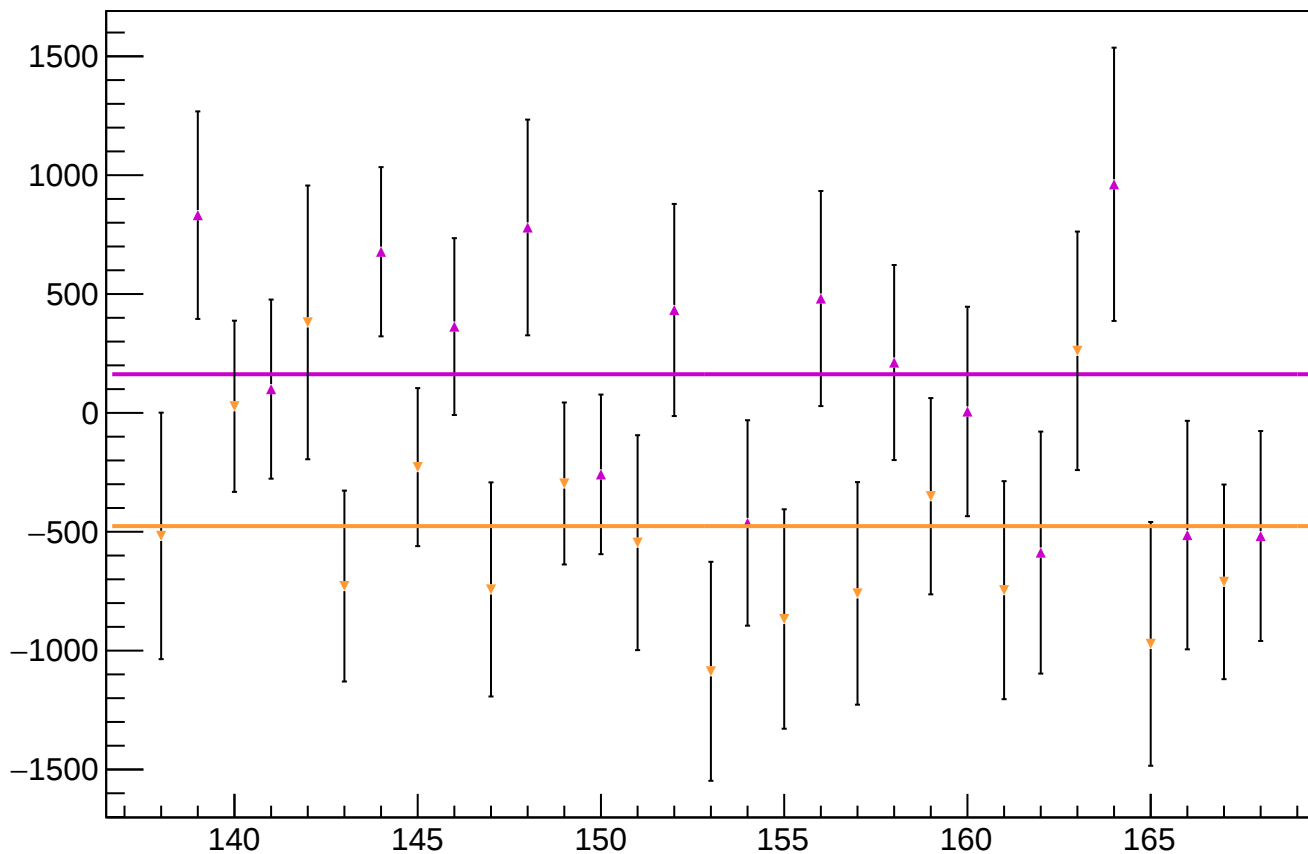
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.784+/-0.079 χ^2/NDF : 211905.8/14

Out: 375.986+/-0.077 χ^2/NDF : 374443.1/15

All: 377.852+/-0.055 χ^2/NDF : 587532.5/30

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -476.312+/-107.530 χ^2/NDF :12.5/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 162.636+/-109.208 χ^2/NDF :19.8/14

Left: -161.784+/-76.621 χ^2/NDF : 49.6/30

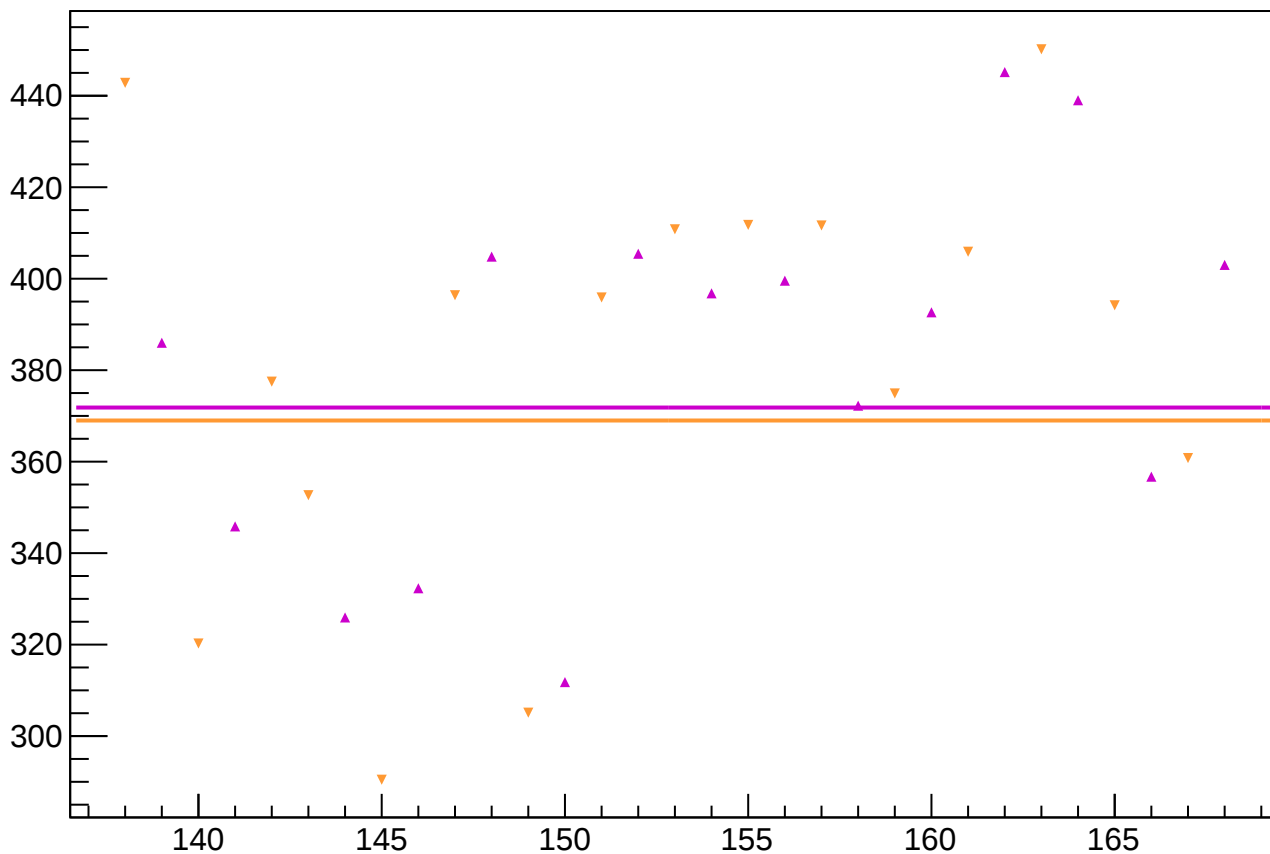
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.636+/-109.208 χ^2/NDF :19.8/14

Out: -476.312+/-107.530 χ^2/NDF :12.5/15

All: -161.784+/-76.621 χ^2/NDF : 49.6/30

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 368.998+/-0.076 χ^2/NDF : 399041.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 371.831+/-0.077 χ^2/NDF : 252822.5/14

Left: 370.392+/-0.054 χ^2/NDF : 652547.3/30

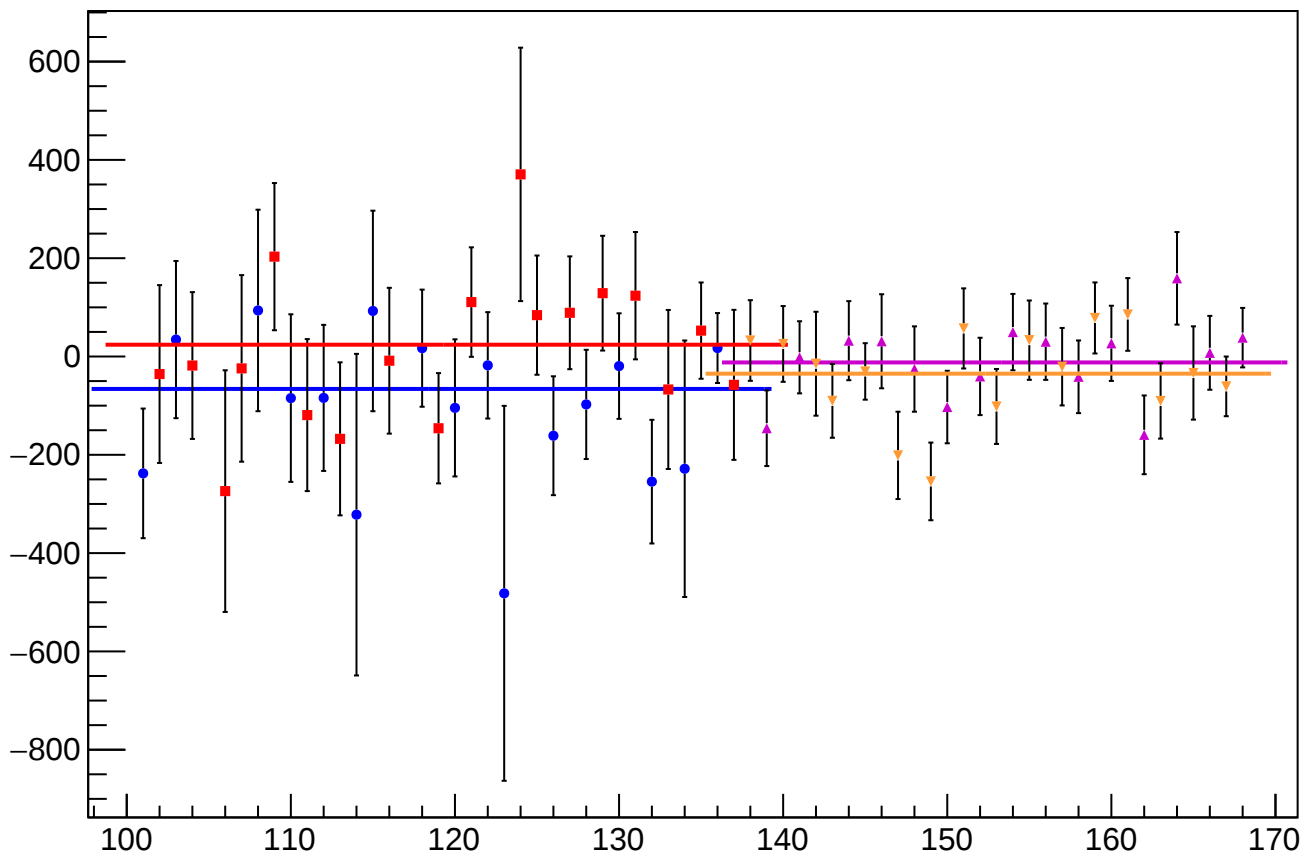
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 371.831+/-0.077 χ^2/NDF : 252822.5/14

Out: 368.998+/-0.076 χ^2/NDF : 399041.1/15

All: 370.392+/-0.054 χ^2/NDF : 652547.3/30

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: -34.935 ± 19.114 χ^2/NDF : 21.7/15

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -12.081 ± 19.998 χ^2/NDF : 14.0/14

Left: -24.024 ± 13.818 χ^2/NDF : 36.4/30

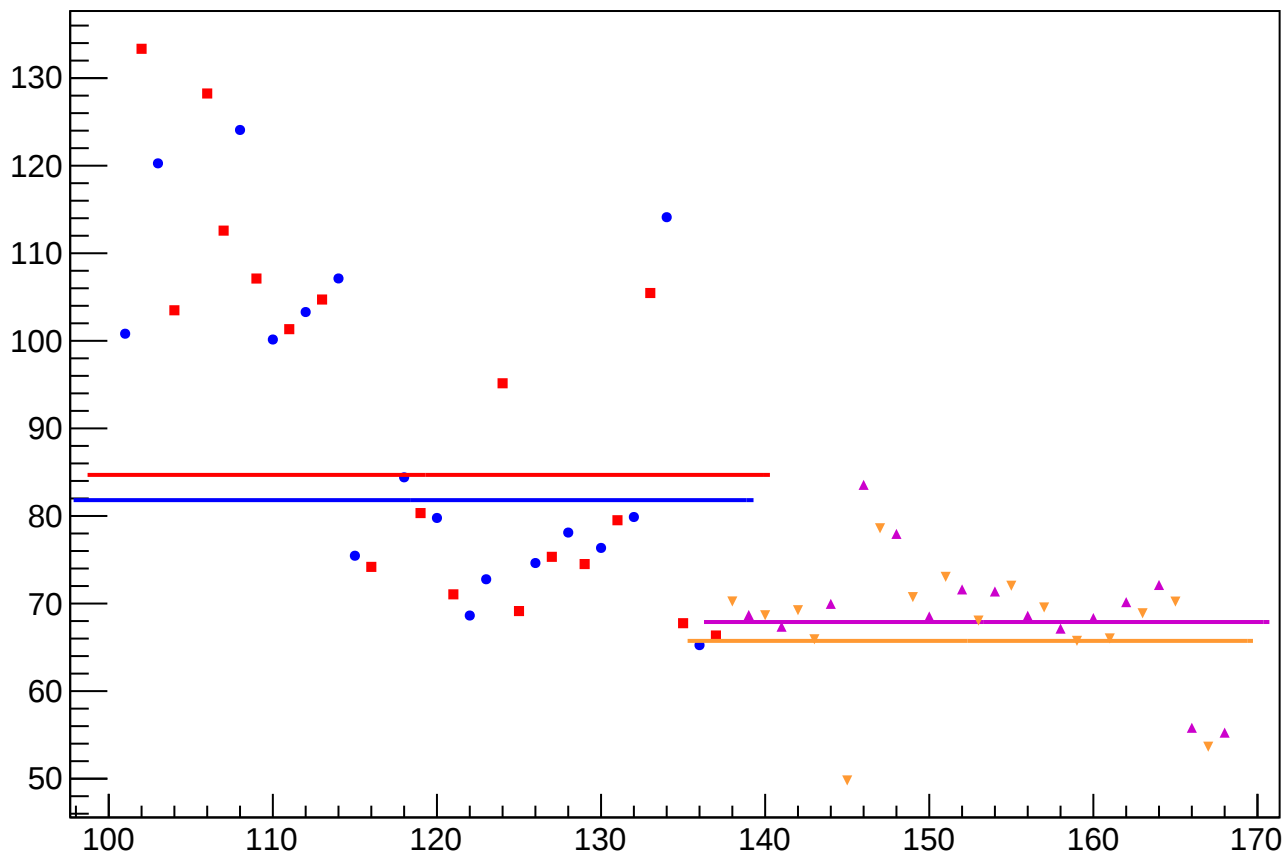
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -27.023 ± 17.001 χ^2/NDF : 26.8/31

Out: -19.992 ± 16.513 χ^2/NDF : 37.0/33

All: -23.405 ± 11.845 χ^2/NDF : 63.9/65

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: 65.736 $\pm$ 0.014 χ^2/NDF : 336795.4/15

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 67.891 $\pm$ 0.014 χ^2/NDF : 235687.1/14

Left: 66.765 $\pm$ 0.010 χ^2/NDF : 584617.4/30

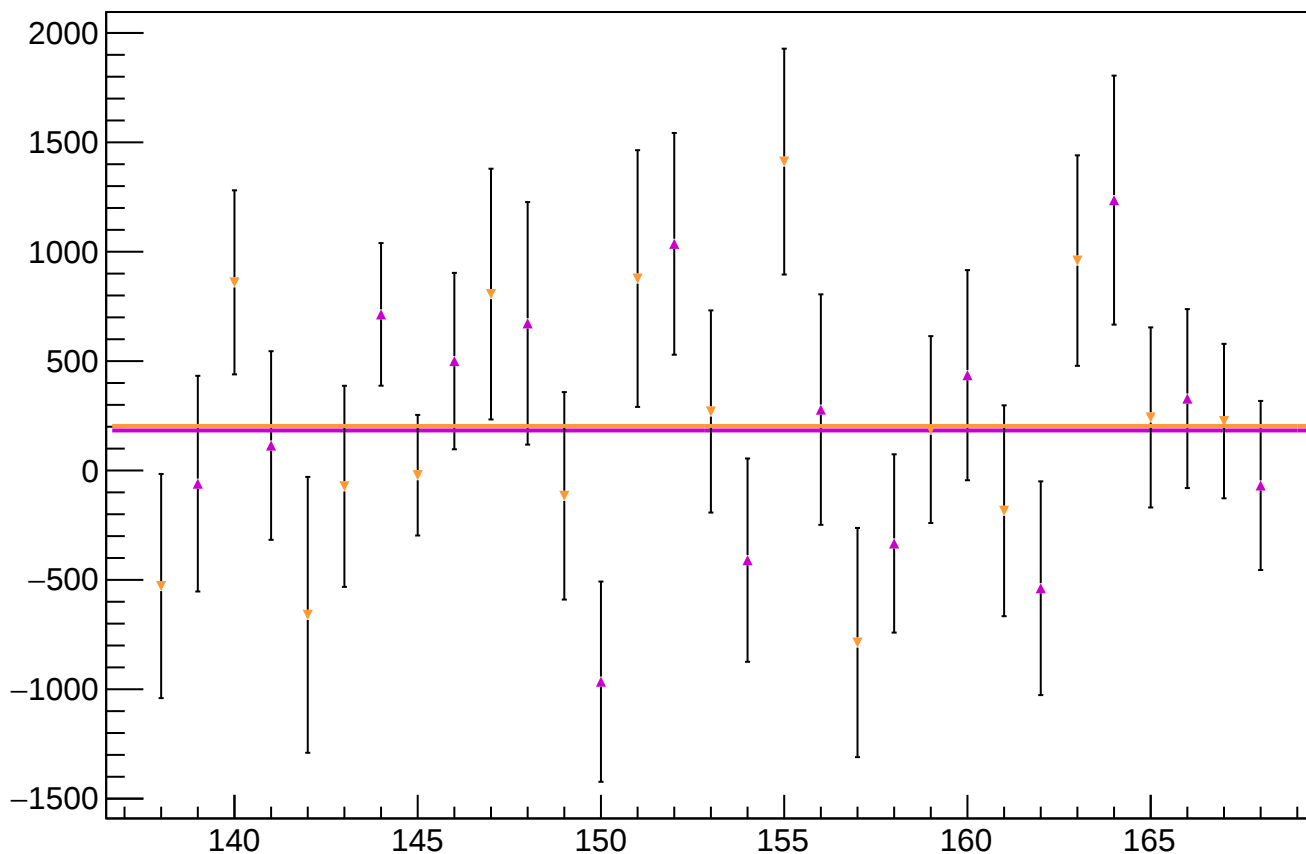
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 71.749 $\pm$ 0.012 χ^2/NDF : 1011449.5/31

Out: 70.543 $\pm$ 0.012 χ^2/NDF : 1451545.1/33

All: 71.129 $\pm$ 0.008 χ^2/NDF : 2468172.4/65

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: 203.622+/-111.533 χ^2/NDF :22.5/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 183.067+/-115.071 χ^2/NDF :23.1/14

Left: 193.666+/-80.087 χ^2/NDF : 45.6/30

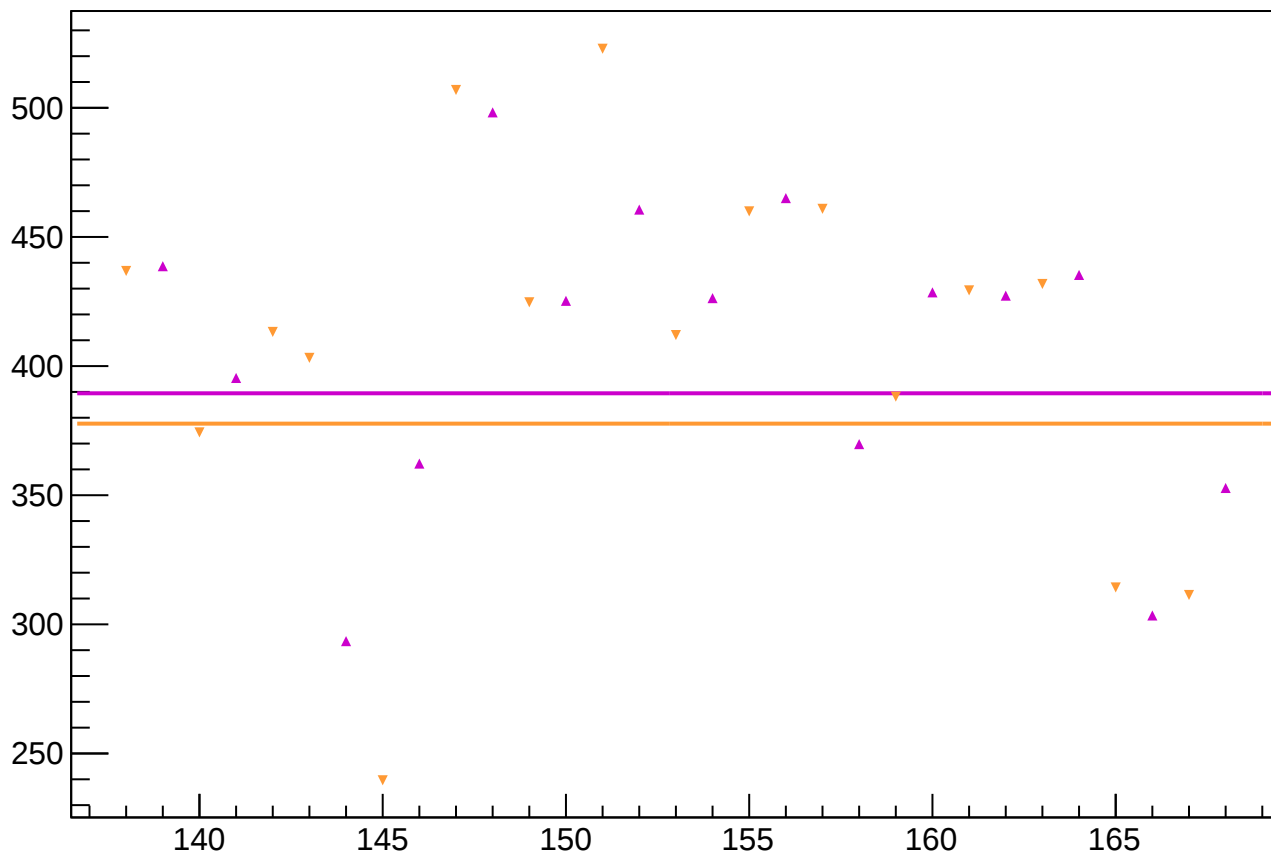
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 183.067+/-115.071 χ^2/NDF :23.1/14

Out: 203.622+/-111.533 χ^2/NDF :22.5/15

All: 193.666+/-80.087 χ^2/NDF : 45.6/30

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: 377.716+/-0.079 χ^2/NDF :1064812.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 389.467+/-0.081 χ^2/NDF :534497.1/14

Left: 383.408+/-0.057 χ^2/NDF : 1610061.8/30

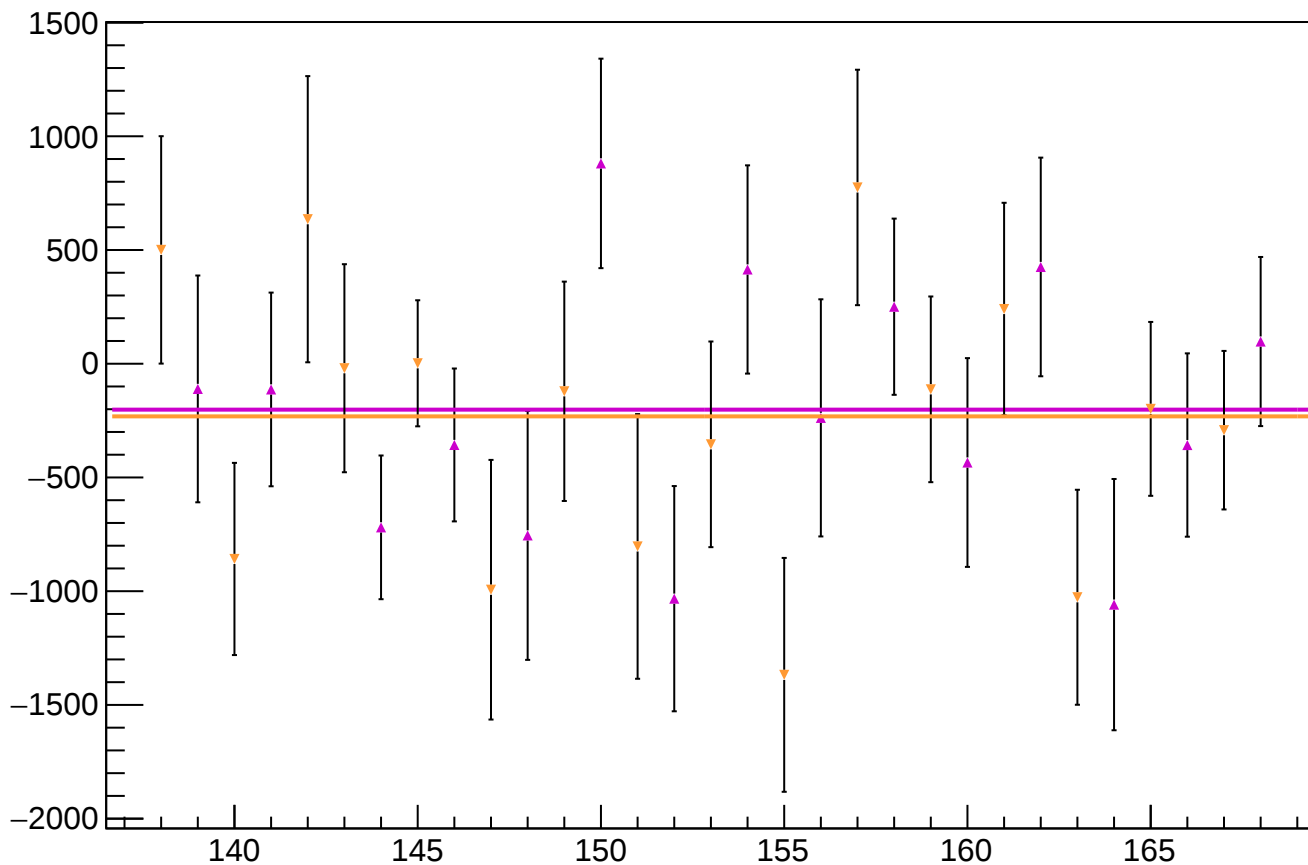
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 389.467+/-0.081 χ^2/NDF :534497.1/14

Out: 377.716+/-0.079 χ^2/NDF :1064812.1/15

All: 383.408+/-0.057 χ^2/NDF : 1610061.8/30

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -231.434+/-109.888 χ^2/NDF :22.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -201.851+/-110.825 χ^2/NDF :20.7/14

Left: -216.768+/-78.032 χ^2/NDF : 43.4/30

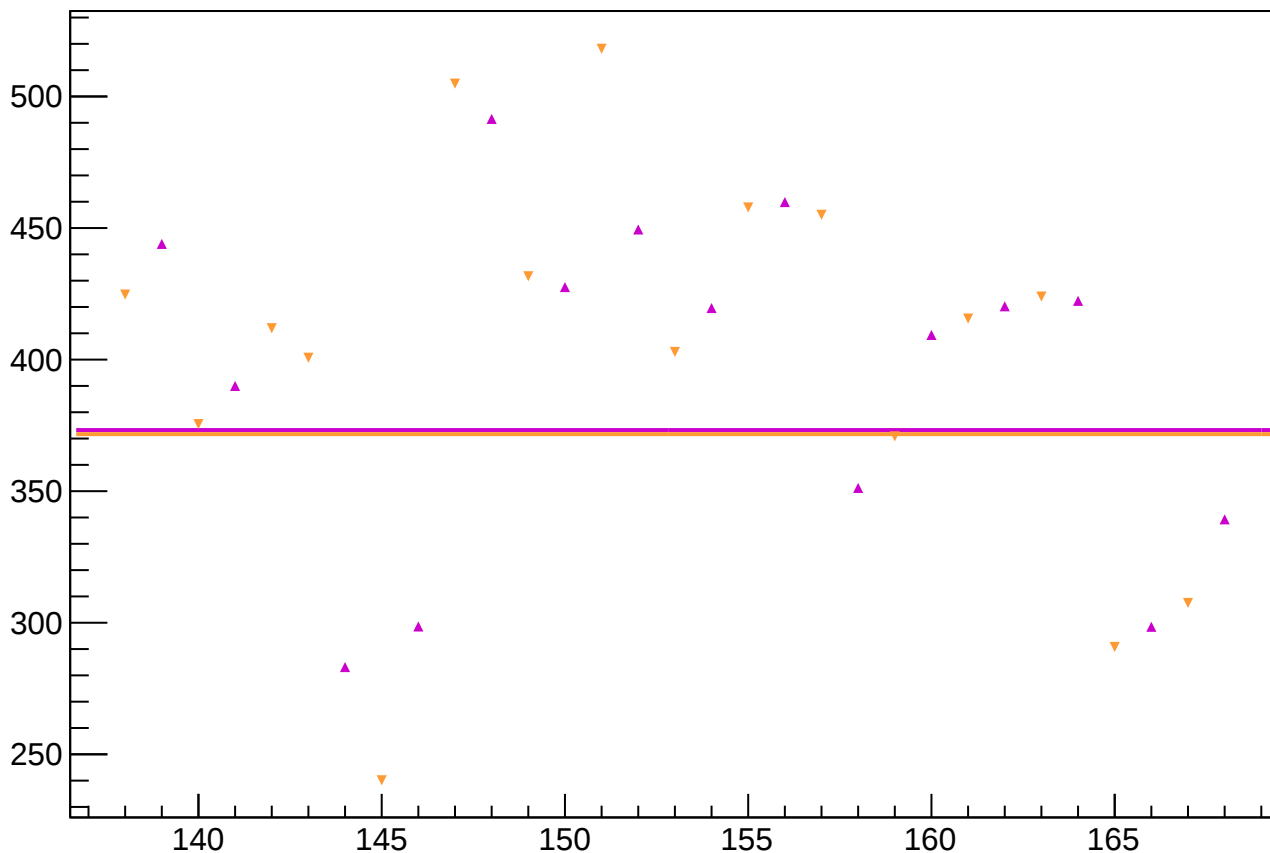
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -201.851+/-110.825 χ^2/NDF :20.7/14

Out: -231.434+/-109.888 χ^2/NDF :22.7/15

All: -216.768+/-78.032 χ^2/NDF : 43.4/30

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.673+/-0.078 χ^2/NDF :1073341.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 373.228+/-0.078 χ^2/NDF :688420.4/14

Left: 372.444+/-0.055 χ^2/NDF : 1761960.1/30

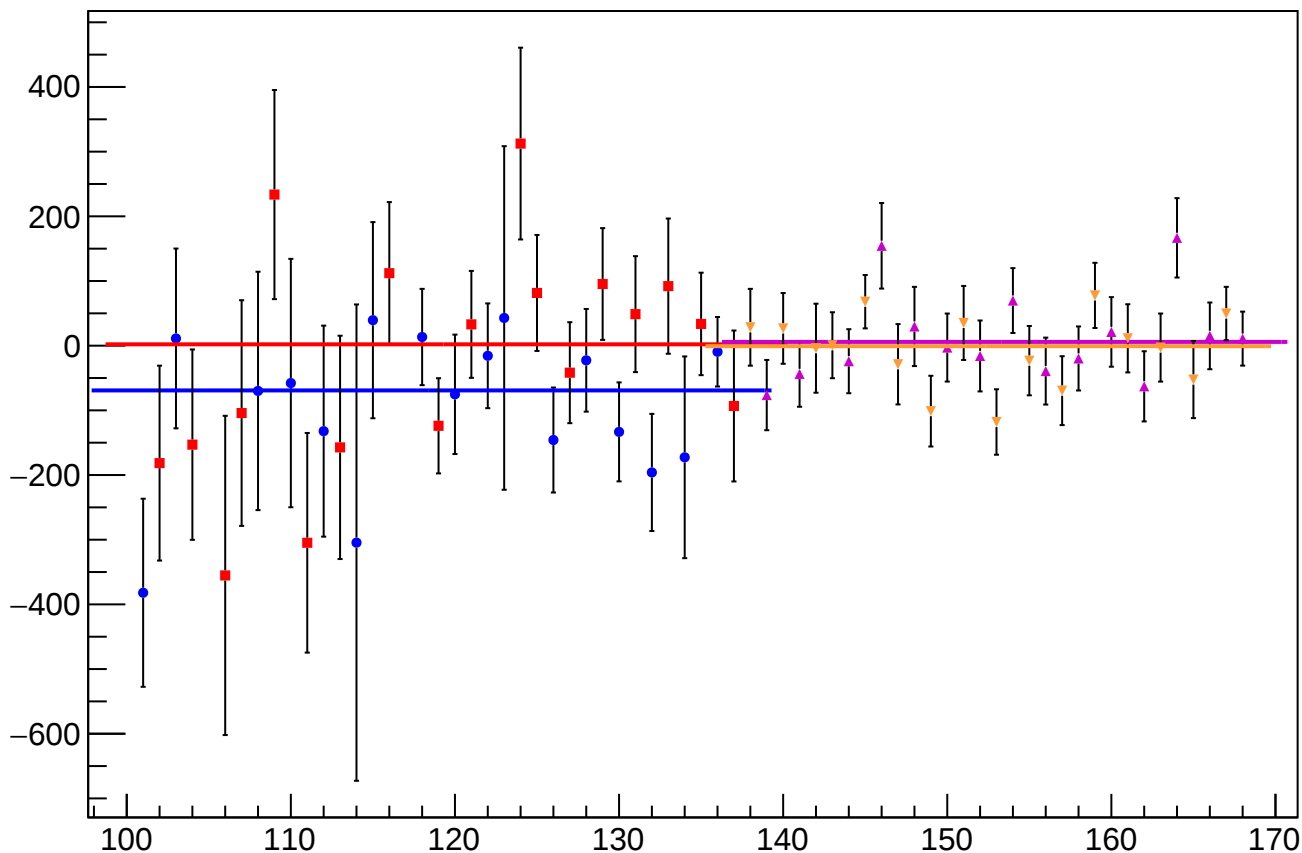
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.228+/-0.078 χ^2/NDF :688420.4/14

Out: 371.673+/-0.078 χ^2/NDF :1073341.2/15

All: 372.444+/-0.055 χ^2/NDF : 1761960.1/30

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: -0.811 ± 13.157 χ^2/NDF : 19.2/15

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 5.839 ± 13.604 χ^2/NDF : 20.2/14

Left: 2.403 ± 9.458 χ^2/NDF : 39.6/30

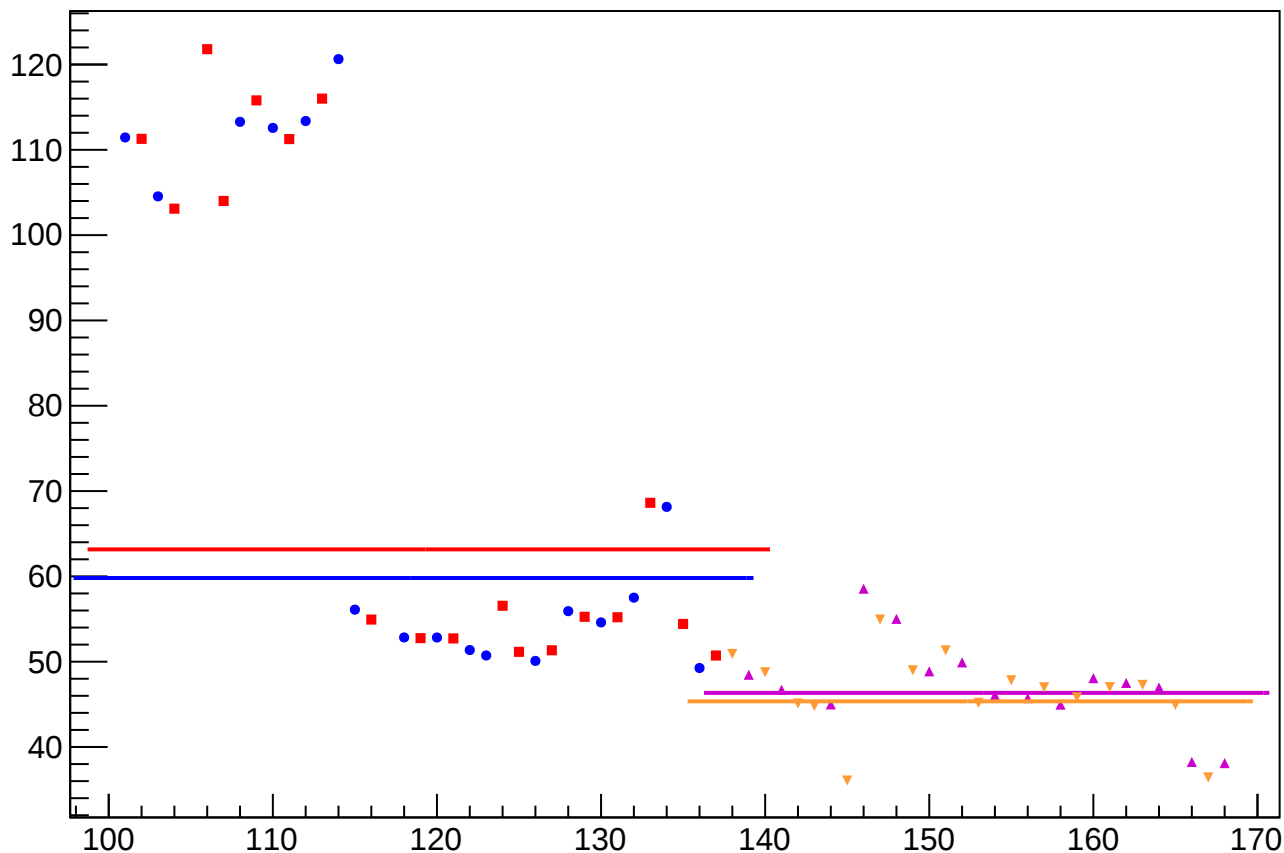
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -12.109 ± 11.866 χ^2/NDF : 41.0/31

Out: -0.191 ± 11.662 χ^2/NDF : 43.0/33

All: -6.047 ± 8.317 χ^2/NDF : 84.5/65

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: 45.353 $\pm$ 0.009 χ^2/NDF : 309846.1/15

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 46.345 $\pm$ 0.010 χ^2/NDF : 258102.1/14

Left: 45.832 $\pm$ 0.007 χ^2/NDF : 573442.2/30

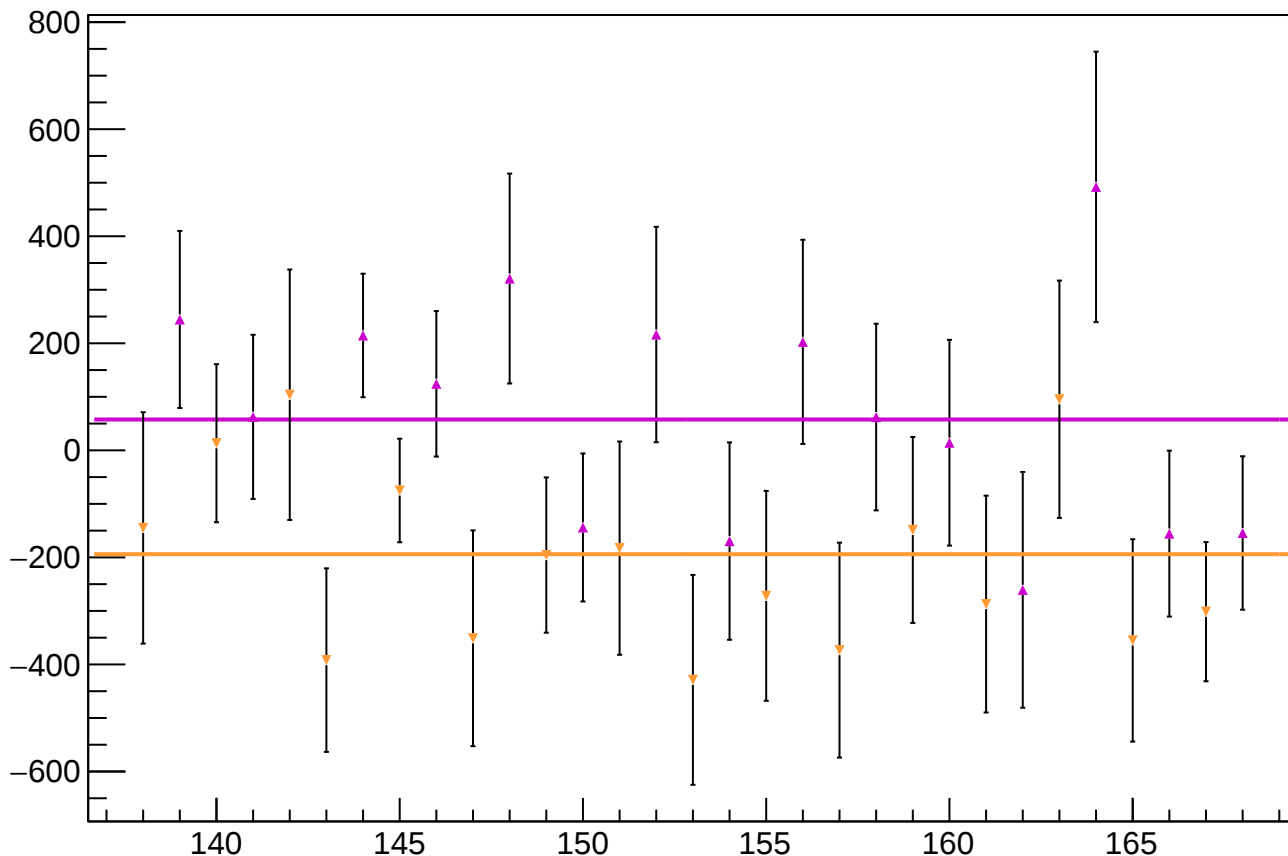
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 49.566 $\pm$ 0.008 χ^2/NDF : 1956721.7/31

Out: 49.172 $\pm$ 0.008 χ^2/NDF : 2483020.1/33

All: 49.365 $\pm$ 0.006 χ^2/NDF : 4440864.6/65

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: -193.992+/-42.046 χ^2/NDF :12.9/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 57.624+/-42.455 χ^2/NDF :19.2/14

Left: -69.401+/-29.874 χ^2/NDF : 49.8/30

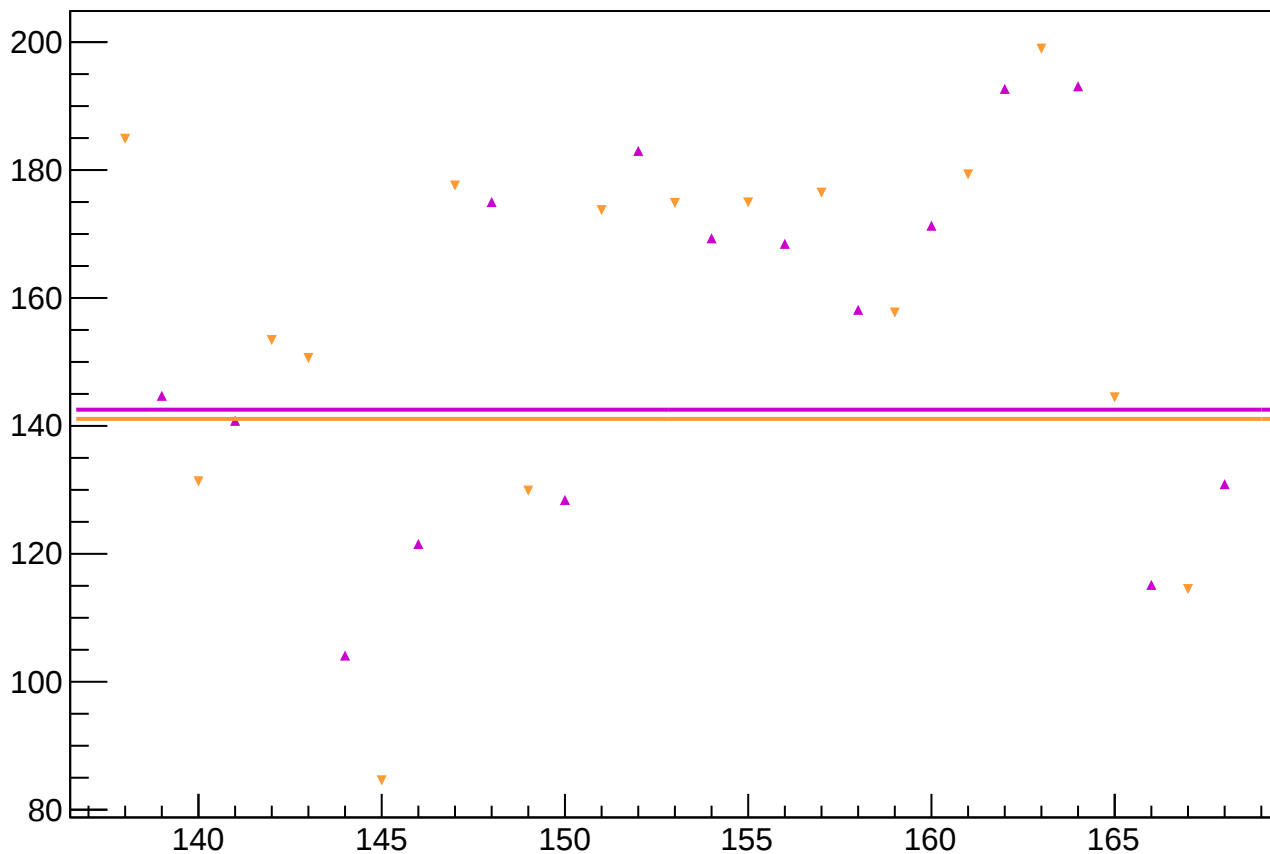
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 57.624+/-42.455 χ^2/NDF :19.2/14

Out: -193.992+/-42.046 χ^2/NDF :12.9/15

All: -69.401+/-29.874 χ^2/NDF : 49.8/30

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: 141.099+/-0.030 χ^2/NDF :1407443.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.538+/-0.030 χ^2/NDF :826271.8/14

Left: 141.812+/-0.021 χ^2/NDF : 2234875.5/30

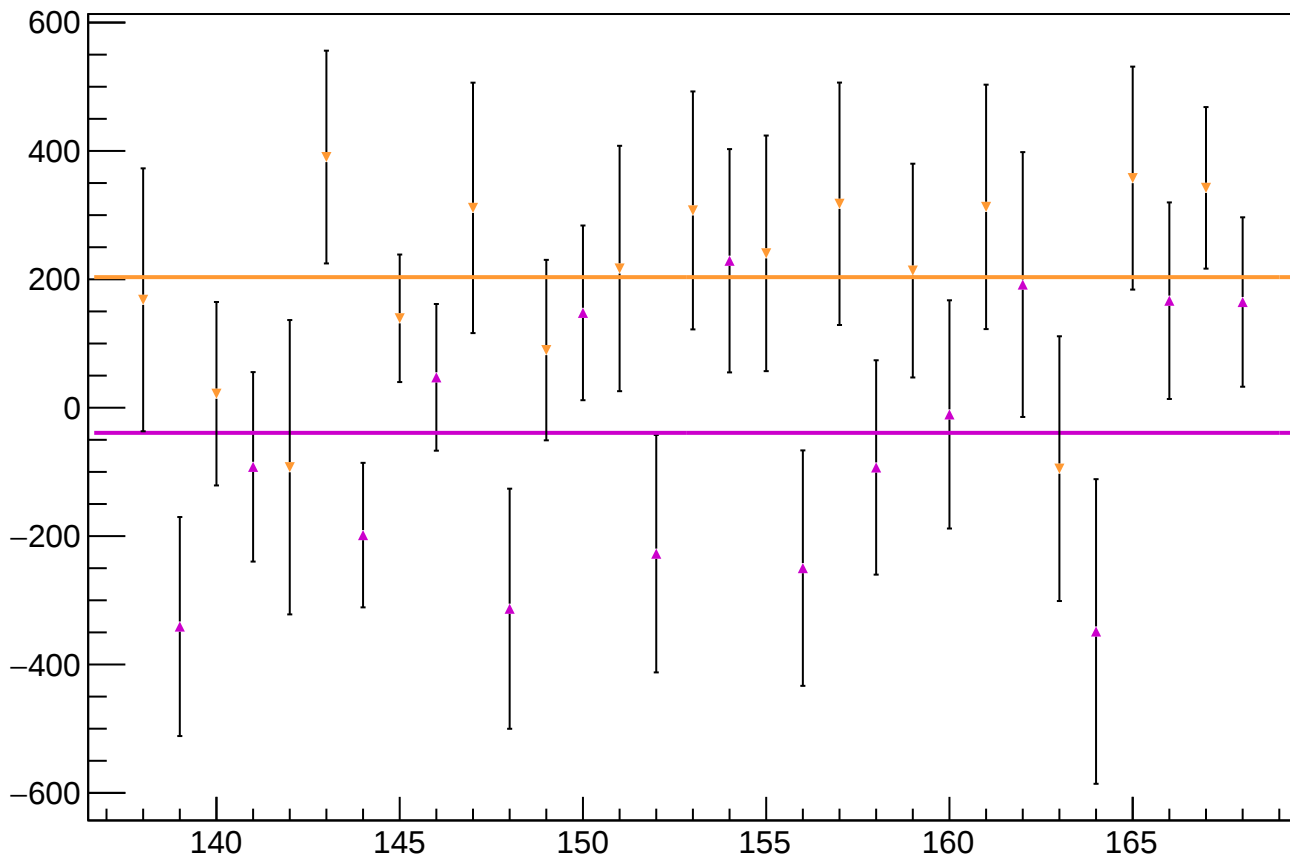
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.538+/-0.030 χ^2/NDF :826271.8/14

Out: 141.099+/-0.030 χ^2/NDF :1407443.3/15

All: 141.812+/-0.021 χ^2/NDF : 2234875.5/30

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: 203.401 $\pm$ 40.681 χ^2 /NDF:11.1/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -39.152 $\pm$ 40.183 χ^2 /NDF:21.9/14

Left: 80.630 $\pm$ 28.588 χ^2 /NDF: 51.0/30

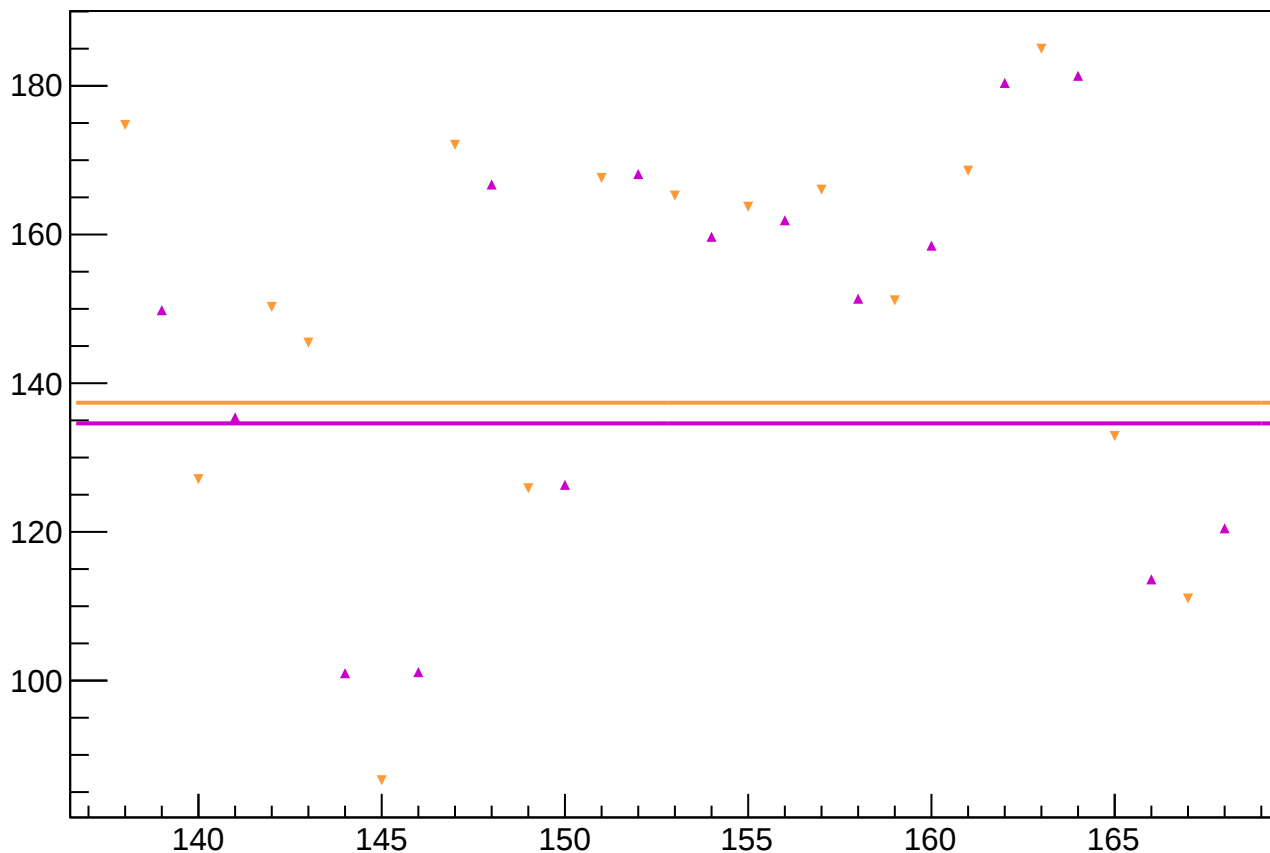
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -39.152 $\pm$ 40.183 χ^2 /NDF:21.9/14

Out: 203.401 $\pm$ 40.681 χ^2 /NDF:11.1/15

All: 80.630 $\pm$ 28.588 χ^2 /NDF: 51.0/30

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.375+/-0.029 χ^2/NDF :1133241.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 134.598+/-0.028 χ^2/NDF :877155.4/14

Left: 135.969+/-0.020 χ^2/NDF : 2015113.7/30

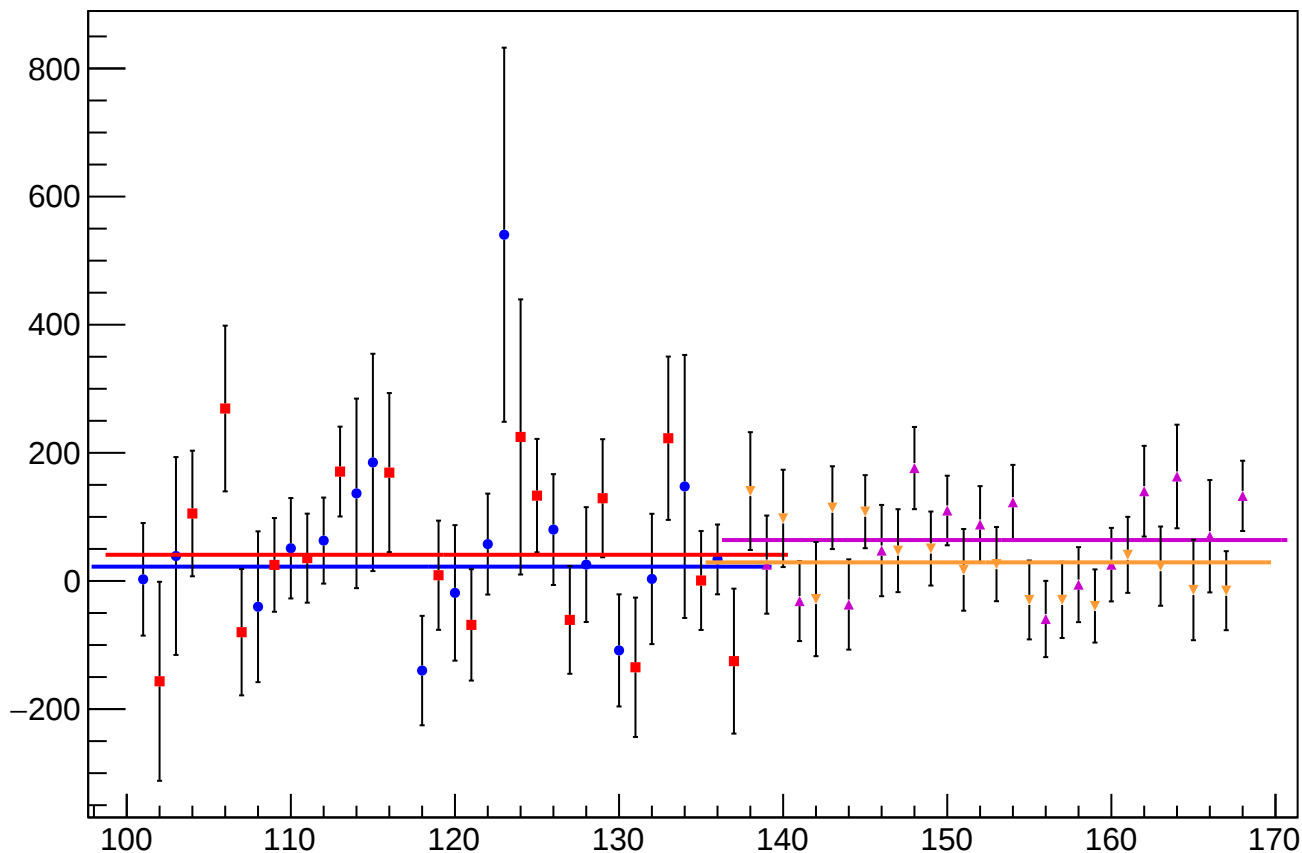
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 134.598+/-0.028 χ^2/NDF :877155.4/14

Out: 137.375+/-0.029 χ^2/NDF :1133241.3/15

All: 135.969+/-0.020 χ^2/NDF : 2015113.7/30

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: 29.036 $\pm$ 16.072 χ^2/NDF : 10.8/15

Right Out: 40.867 $\pm$ 22.136 χ^2/NDF : 24.2/17

Left In: 63.853 $\pm$ 16.498 χ^2/NDF : 20.0/14

Left: 45.989 $\pm$ 11.512 χ^2/NDF : 33.1/30

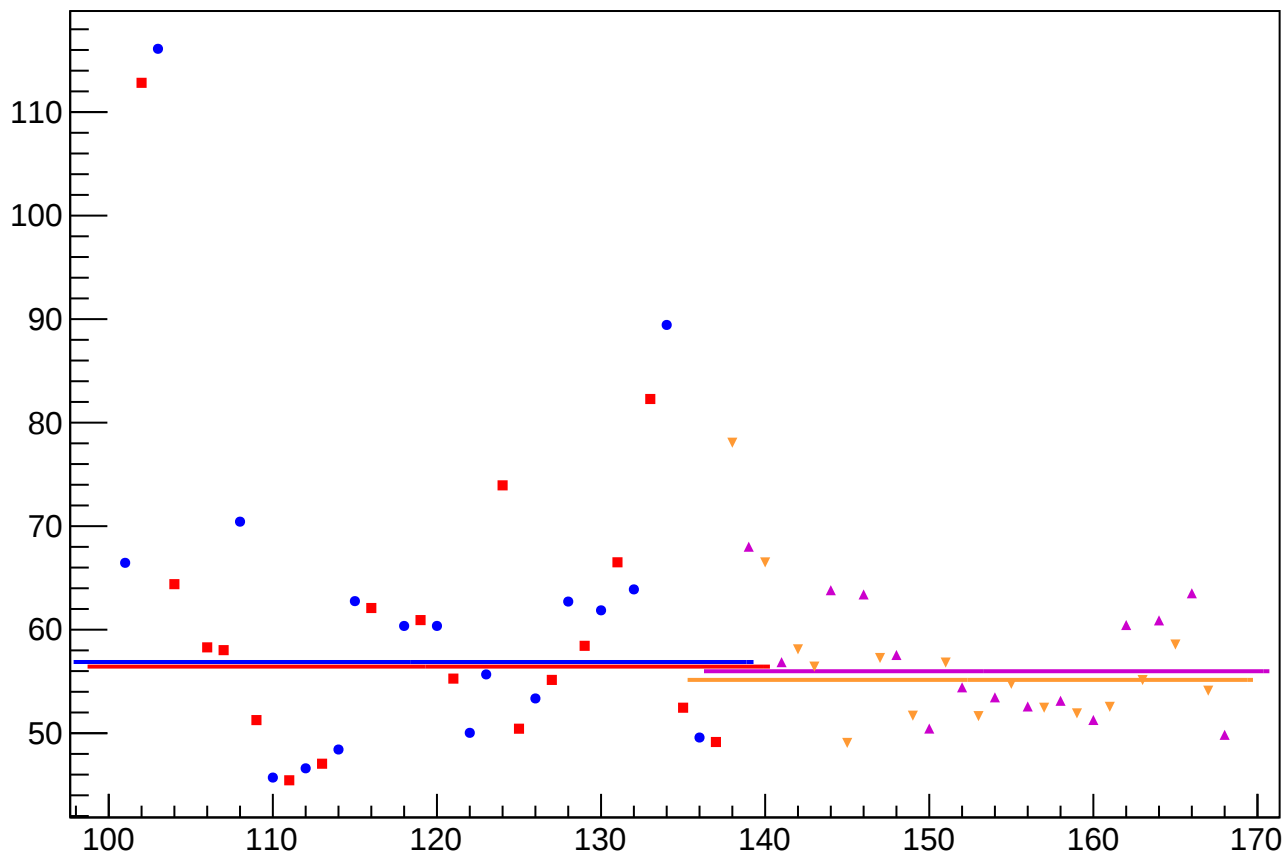
Right: 31.816 $\pm$ 15.823 χ^2/NDF : 37.1/34

In: 49.449 $\pm$ 13.331 χ^2/NDF : 34.8/31

Out: 33.120 $\pm$ 13.006 χ^2/NDF : 35.2/33

All: 41.083 $\pm$ 9.309 χ^2/NDF : 70.8/65

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2/NDF : 575487.1/16

Left Out: 55.150 $\pm$ 0.011 χ^2/NDF : 231356.8/15

Right Out: 56.434 $\pm$ 0.016 χ^2/NDF : 520456.9/17

Left In: 55.987 $\pm$ 0.012 χ^2/NDF : 203055.7/14

Left: 55.558 $\pm$ 0.008 χ^2/NDF : 437049.0/30

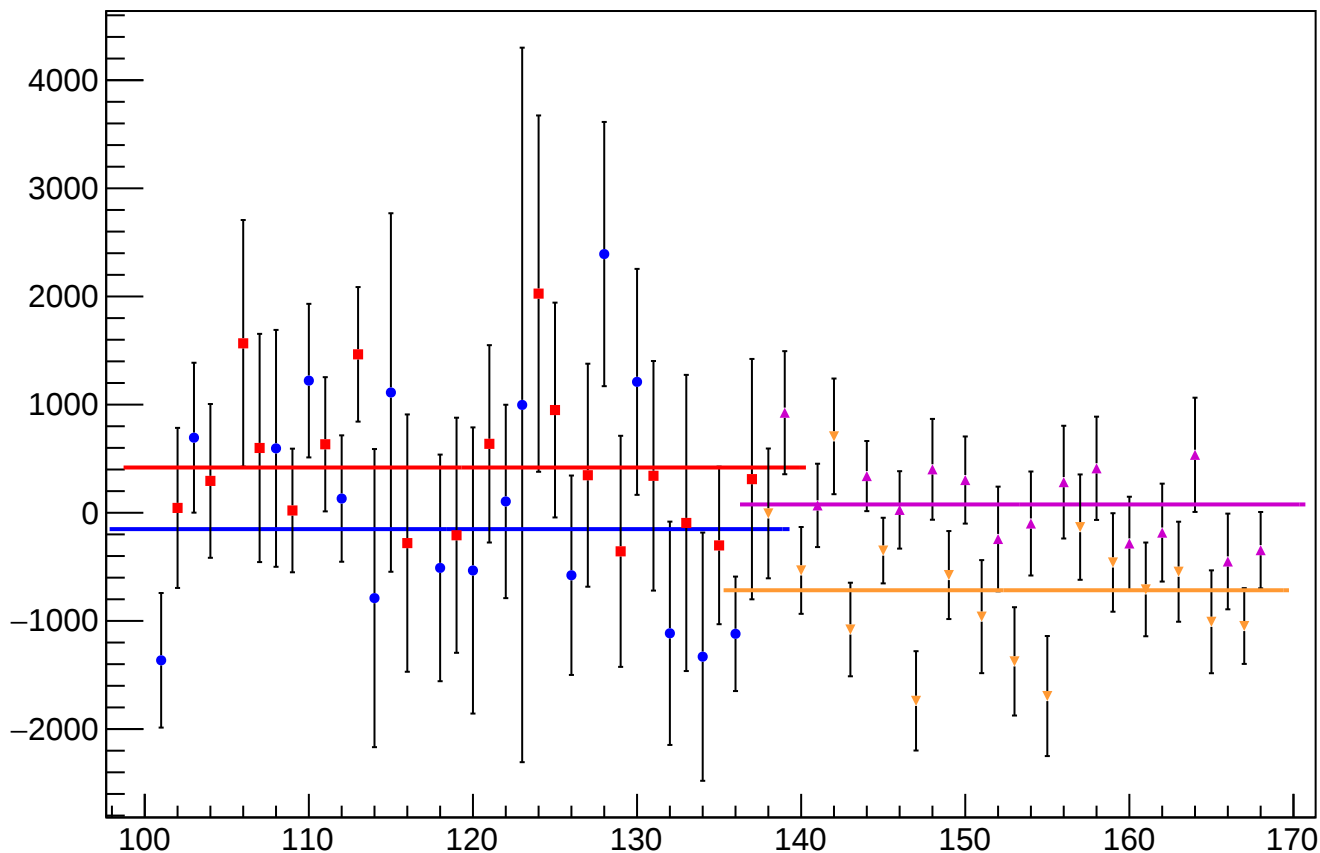
Right: 56.652 $\pm$ 0.011 χ^2/NDF : 1096338.8/34

In: 56.296 $\pm$ 0.009 χ^2/NDF : 780572.9/31

Out: 55.593 $\pm$ 0.009 χ^2/NDF : 756217.5/33

All: 55.936 $\pm$ 0.007 χ^2/NDF : 1539639.1/65

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -716.456 $\pm$ 110.456 χ^2 /NDF:24.1/15

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 76.999 $\pm$ 110.761 χ^2 /NDF:9.6/14

Left: -320.823 $\pm$ 78.212 χ^2 /NDF: 59.4/30

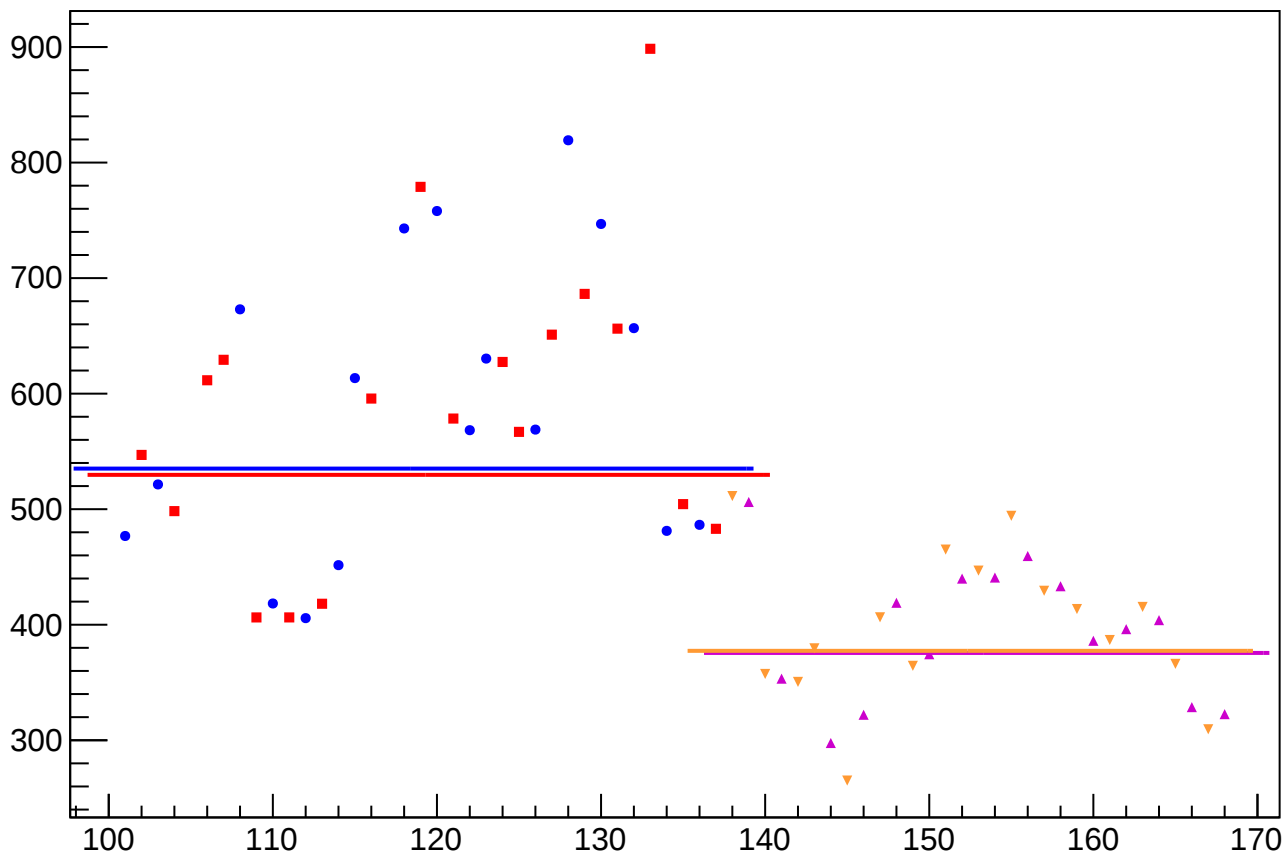
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 28.230 $\pm$ 98.214 χ^2 /NDF:32.9/31

Out: -461.203 $\pm$ 97.245 χ^2 /NDF:56.3/33

All: -218.913 $\pm$ 69.103 χ^2 /NDF: 101.7/65

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 377.402 $\pm$ 0.078 χ^2 /NDF: 703078.6/15

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 375.586 $\pm$ 0.078 χ^2 /NDF: 521599.2/14

Left: 376.497 $\pm$ 0.055 χ^2 /NDF: 1224947.3/30

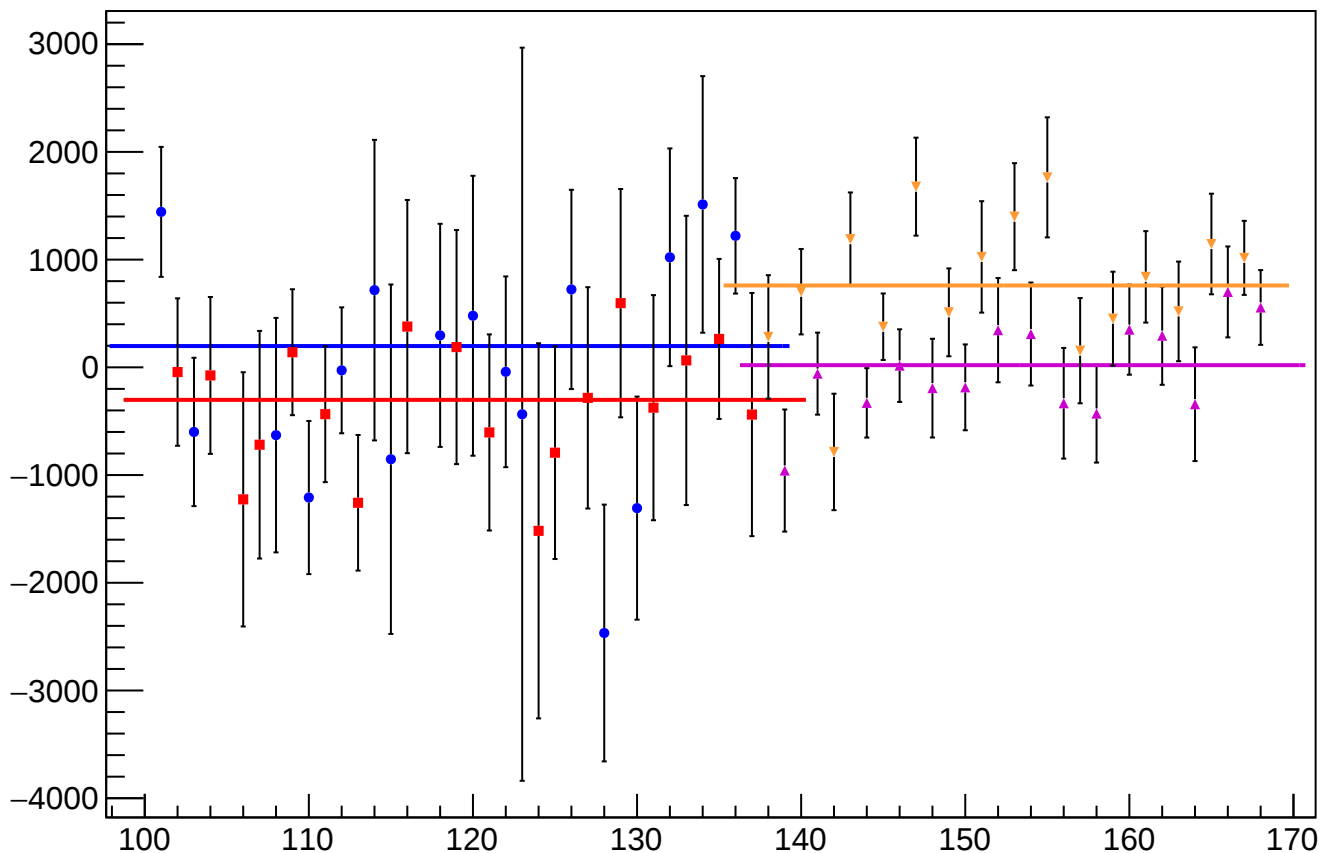
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 409.686 $\pm$ 0.069 χ^2 /NDF: 2004640.9/31

Out: 411.657 $\pm$ 0.069 χ^2 /NDF: 2205121.7/33

All: 410.681 $\pm$ 0.049 χ^2 /NDF: 4210169.4/65

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 759.977 $\pm$ 109.611 χ^2 /NDF:24.6/15

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: 20.131 $\pm$ 108.590 χ^2 /NDF:13.4/14

Left: 386.592 $\pm$ 77.143 χ^2 /NDF: 61.0/30

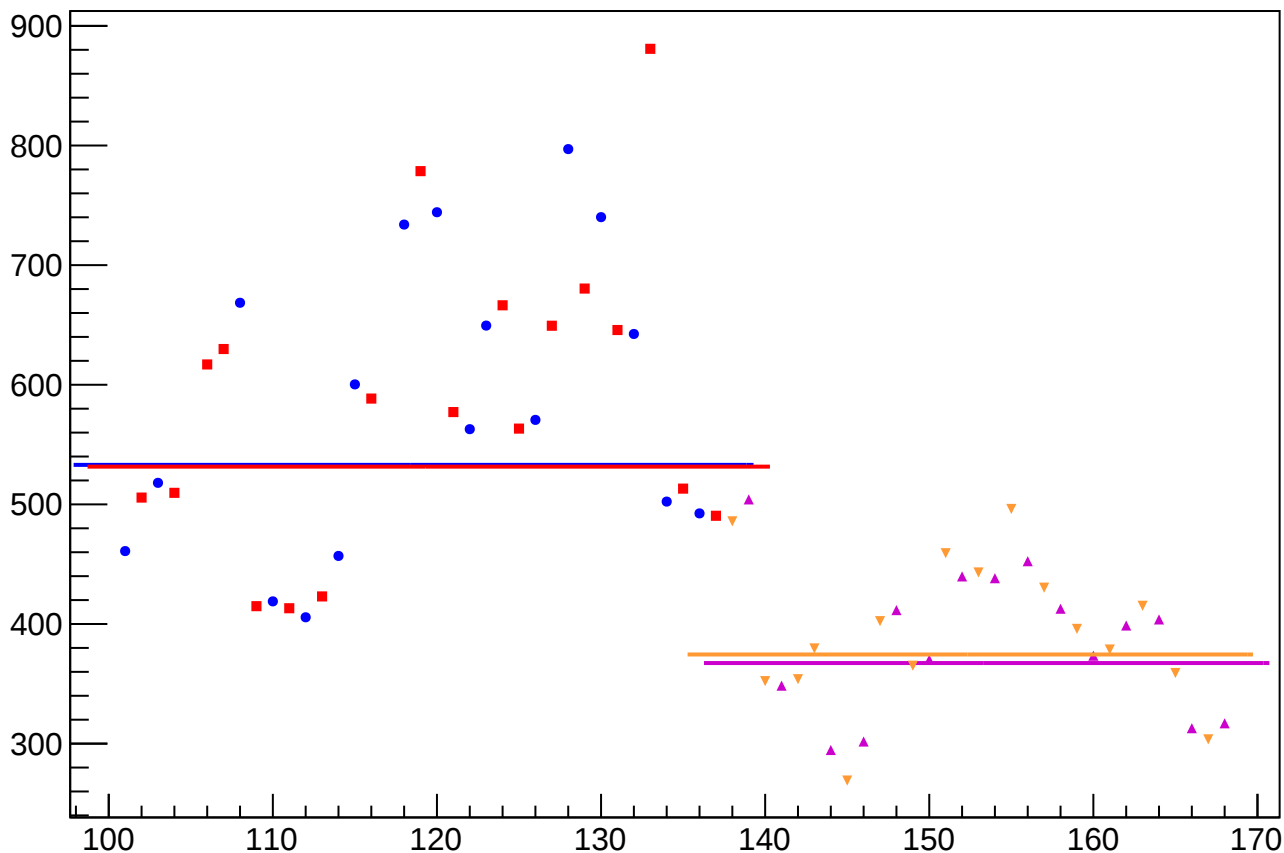
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 57.151 $\pm$ 96.599 χ^2 /NDF:37.9/31

Out: 525.150 $\pm$ 96.734 χ^2 /NDF:52.0/33

All: 290.824 $\pm$ 68.354 χ^2 /NDF: 101.6/65

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 374.519+/-0.078 χ^2/NDF : 647819.7/15

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 367.365+/-0.077 χ^2/NDF : 576308.5/14

Left: 370.908+/-0.055 χ^2/NDF : 1228427.7/30

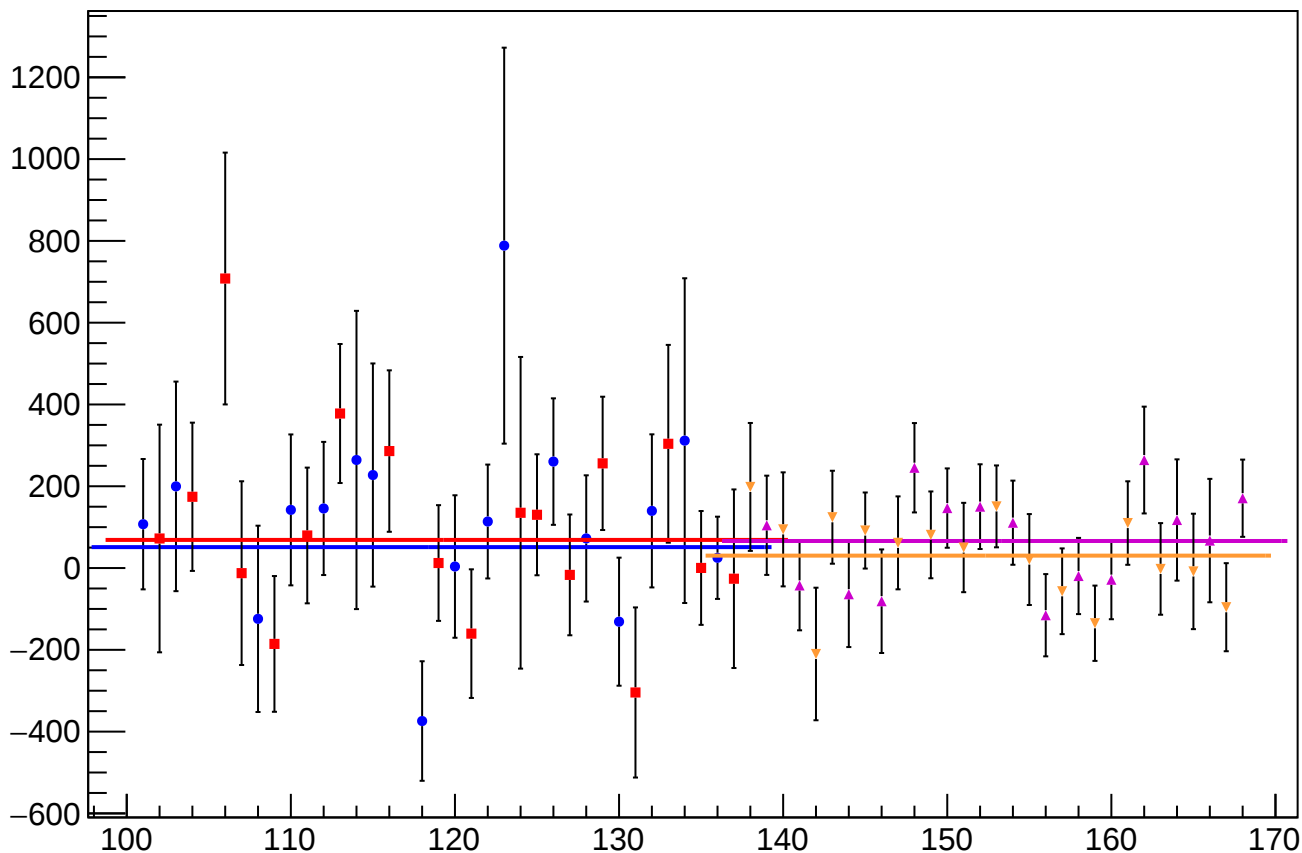
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 401.931+/-0.068 χ^2/NDF : 2114412.3/31

Out: 409.248+/-0.068 χ^2/NDF : 2153641.3/33

All: 405.584+/-0.048 χ^2/NDF : 4273784.6/65

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 30.363 $\pm$ 28.006 χ^2 /NDF:12.5/15

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 66.147 $\pm$ 28.490 χ^2 /NDF:16.4/14

Left: 47.949 $\pm$ 19.972 χ^2 /NDF: 29.7/30

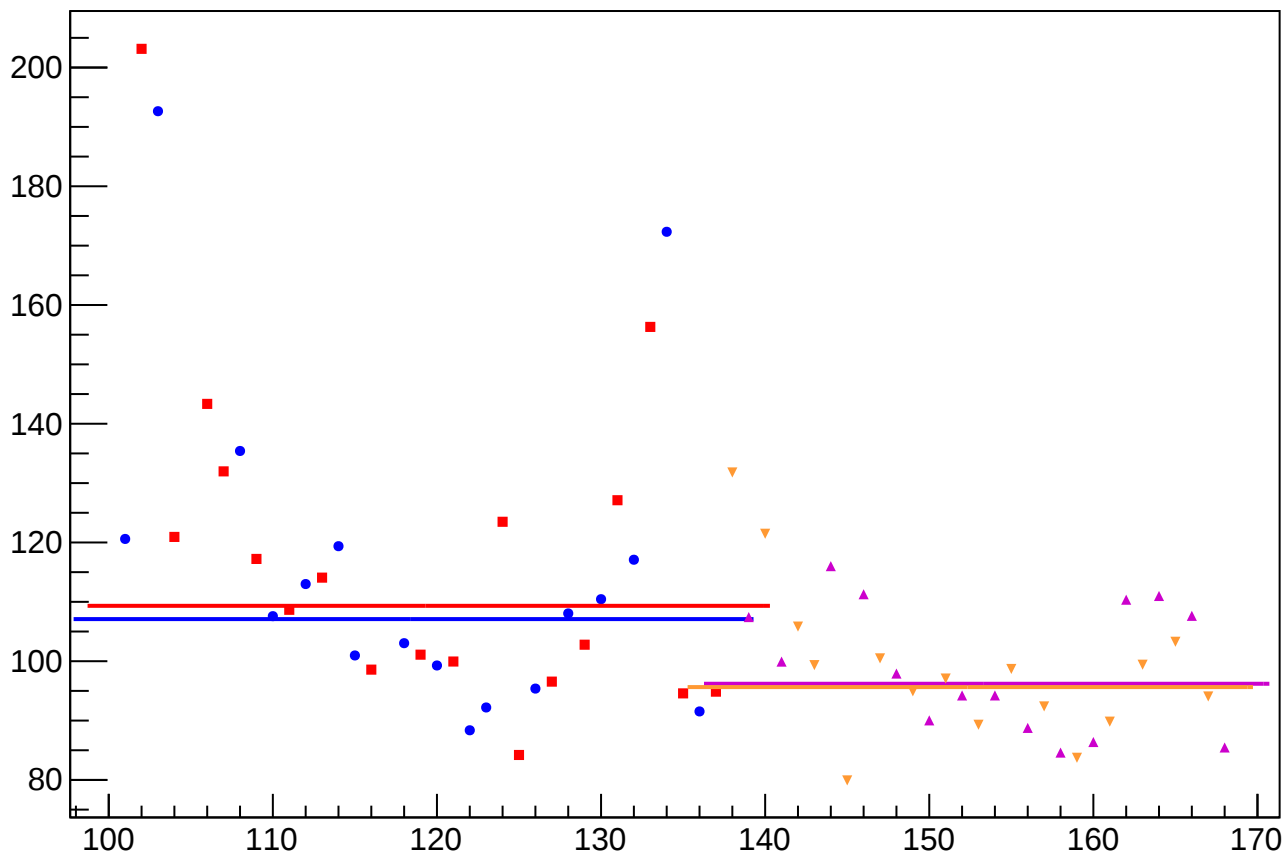
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 61.490 $\pm$ 23.650 χ^2 /NDF:33.8/31

Out: 41.879 $\pm$ 23.435 χ^2 /NDF:33.5/33

All: 51.595 $\pm$ 16.647 χ^2 /NDF: 67.7/65

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2/NDF : 437755.4/16

Left Out: 95.640 $\pm$ 0.020 χ^2/NDF :306663.8/15

Right Out: 109.329 $\pm$ 0.030 χ^2/NDF : 506023.6/17

Left In: 96.202 $\pm$ 0.020 χ^2/NDF :248097.6/14

Left: 95.916 $\pm$ 0.014 χ^2/NDF : 555157.1/30

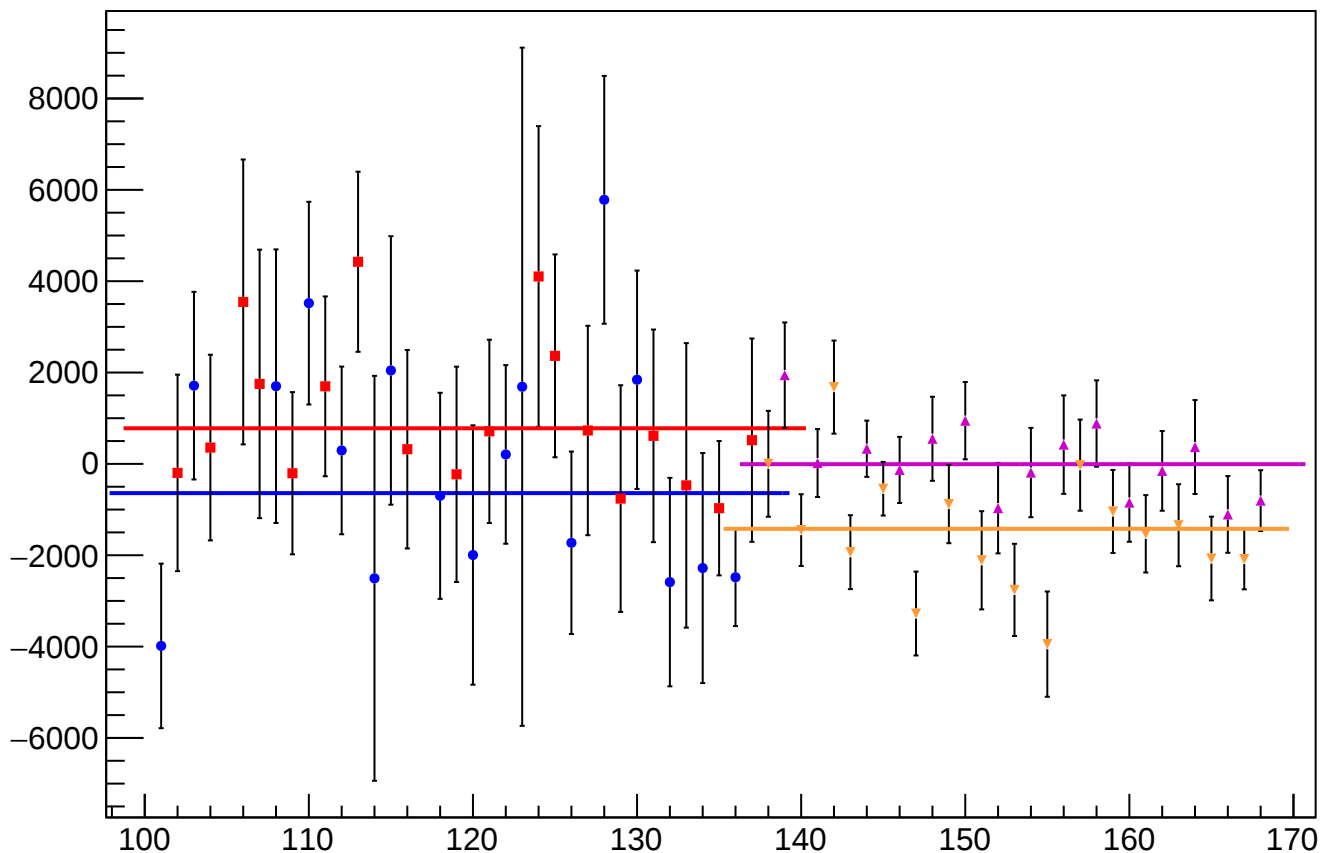
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 99.588 $\pm$ 0.017 χ^2/NDF :776733.0/31

Out: 99.743 $\pm$ 0.017 χ^2/NDF :955932.6/33

All: 99.666 $\pm$ 0.012 χ^2/NDF : 1732709.2/65

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 χ^2/NDF : 21.8/16

Left Out: -1420.724 ± 217.086 χ^2/NDF : 28.5/15

Right Out: 779.450 ± 516.450 χ^2/NDF : 8.8/17

Left In: -6.291 ± 218.097 χ^2/NDF : 11.1/14

Left: -716.794 ± 153.859 χ^2/NDF : 60.8/30

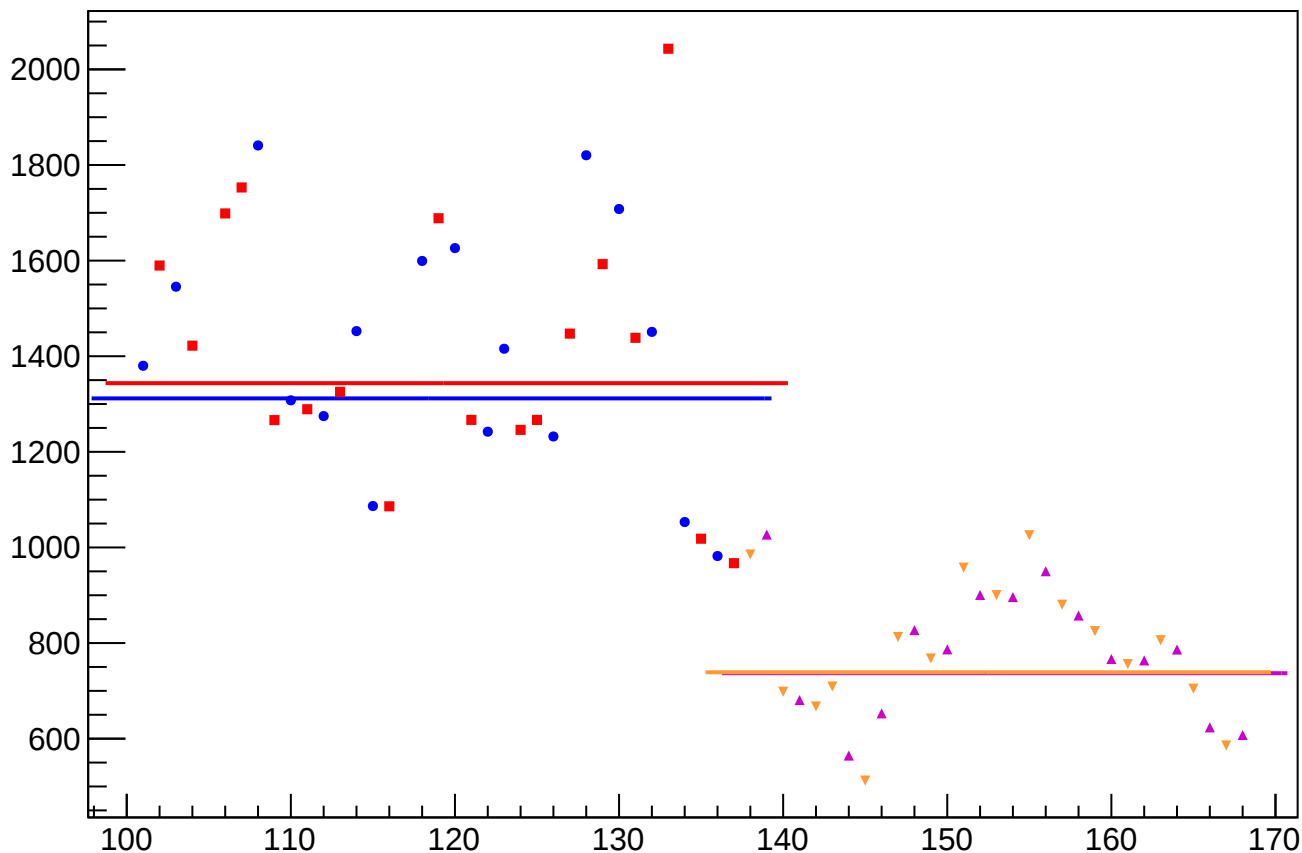
Right: 73.635 ± 366.171 χ^2/NDF : 34.4/34

In: -101.302 ± 201.080 χ^2/NDF : 34.2/31

Out: -1090.353 ± 200.125 χ^2/NDF : 52.8/33

All: -598.182 ± 141.846 χ^2/NDF : 99.1/65

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: 738.891 $\pm$ 0.154 χ^2 /NDF: 858690.0/15

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 736.930 $\pm$ 0.154 χ^2 /NDF: 686932.0/14

Left: 737.915 $\pm$ 0.109 χ^2 /NDF: 1545703.2/30

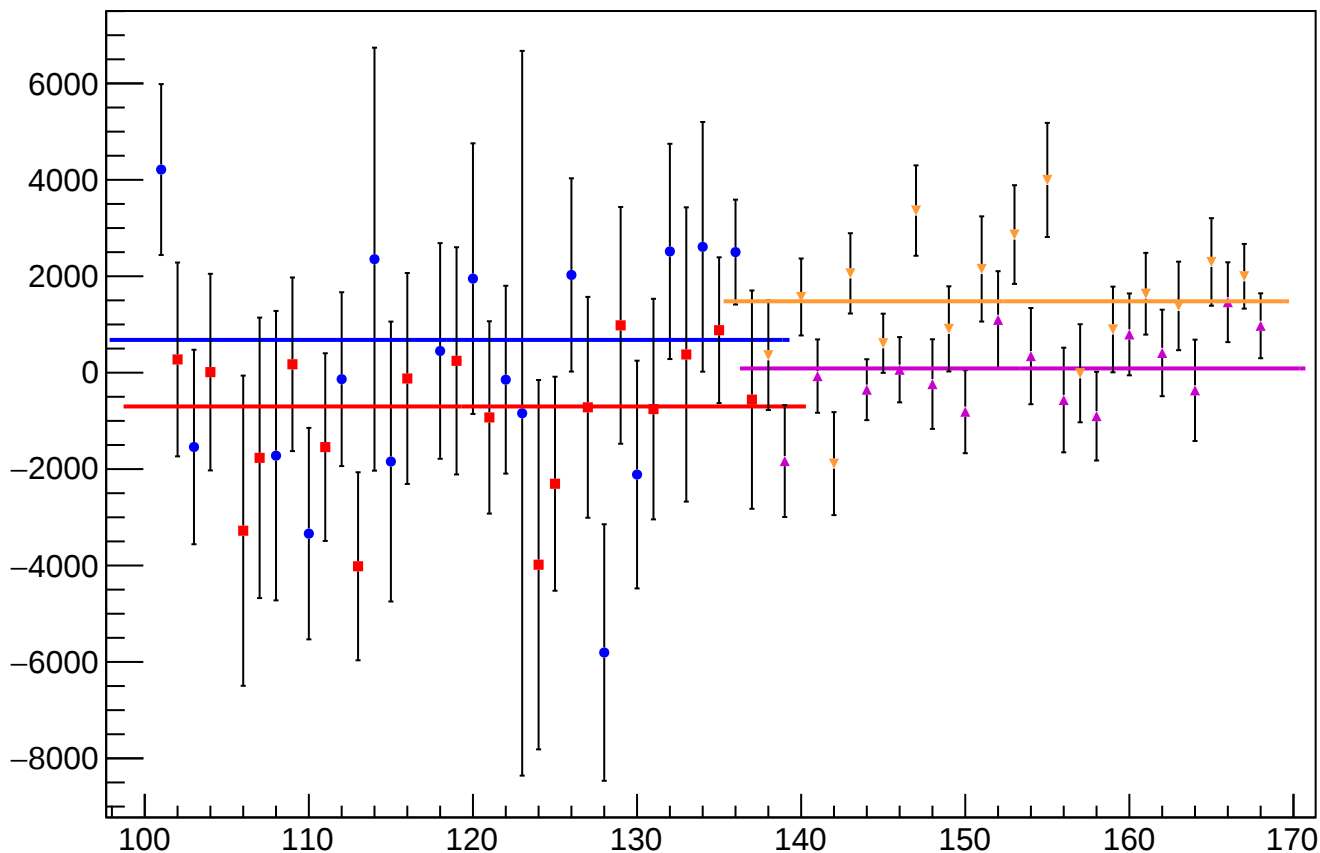
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 823.139 $\pm$ 0.142 χ^2 /NDF: 3283372.4/31

Out: 829.701 $\pm$ 0.142 χ^2 /NDF: 3650415.2/33

All: 826.436 $\pm$ 0.100 χ^2 /NDF: 6934857.6/65

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1480.514+/-220.899 χ^2/NDF : 28.6/15

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: 87.780+/-218.845 χ^2/NDF : 12.6/14

Left: 777.641+/-155.468 χ^2/NDF : 61.2/30

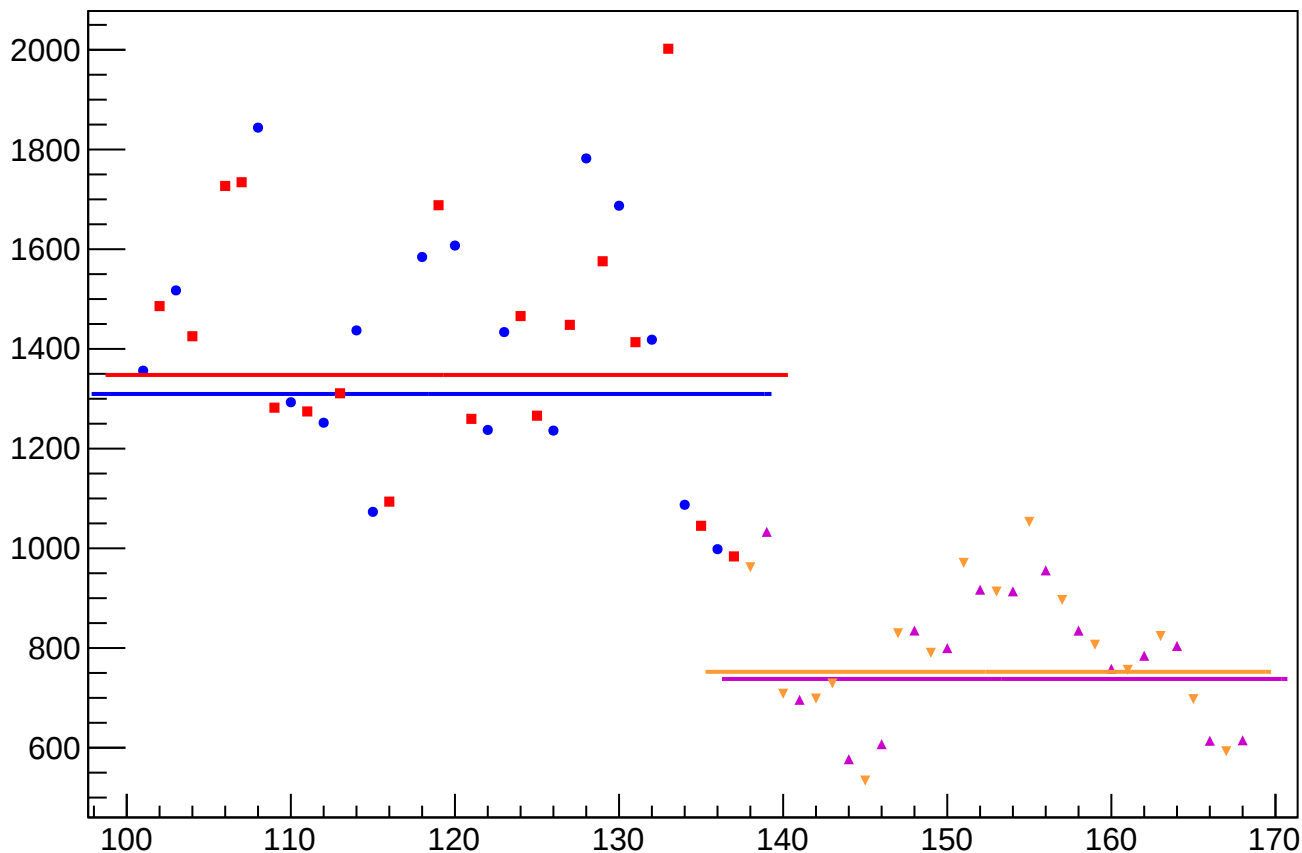
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 177.609+/-201.563 χ^2/NDF : 36.2/31

Out: 1144.100+/-203.153 χ^2/NDF : 51.3/33

All: 657.057+/-143.085 χ^2/NDF : 98.9/65

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 752.251 $\pm$ 0.156 χ^2 /NDF: 789933.3/15

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 737.949 $\pm$ 0.155 χ^2 /NDF: 726226.0/14

Left: 745.033 $\pm$ 0.110 χ^2 /NDF: 1520390.3/30

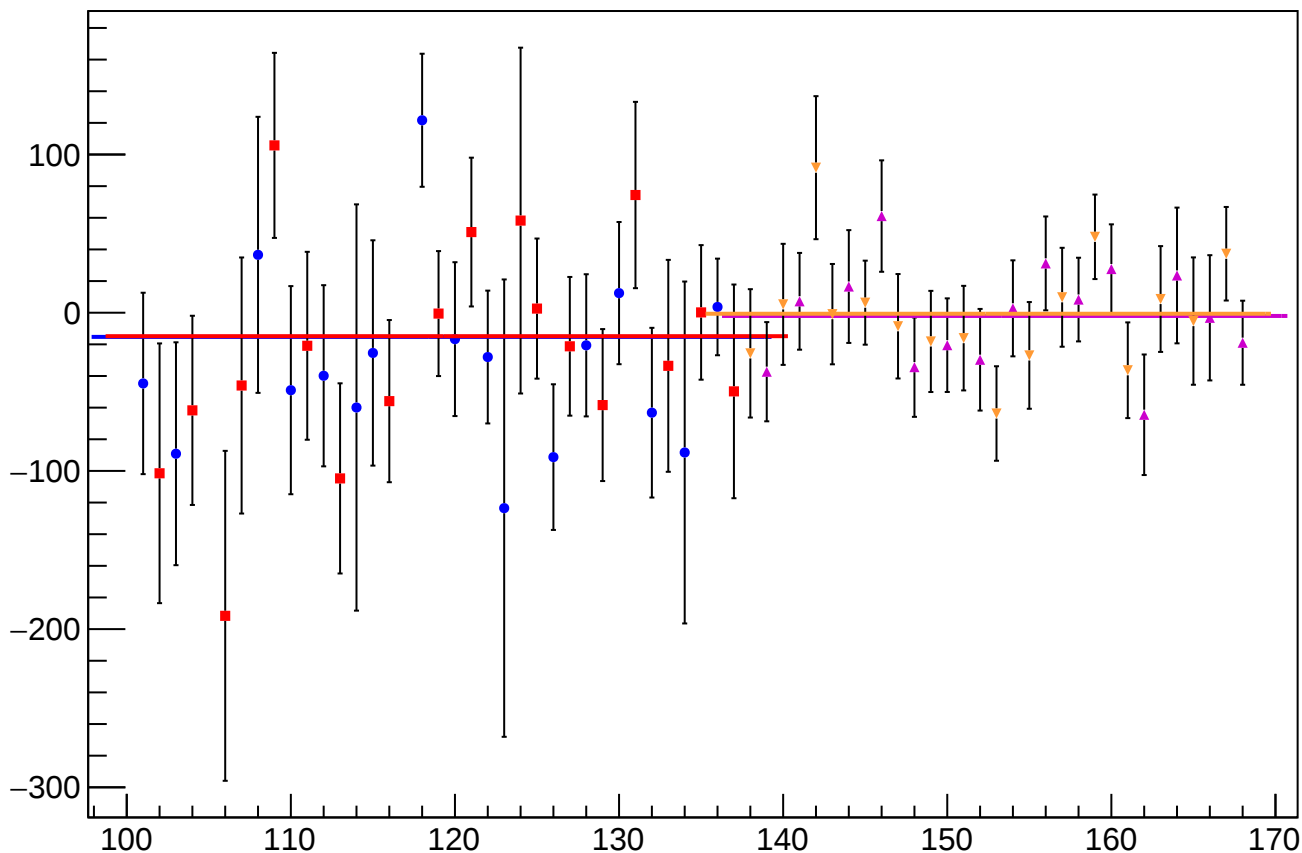
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 824.677 $\pm$ 0.143 χ^2 /NDF: 3256110.2/31

Out: 844.089 $\pm$ 0.144 χ^2 /NDF: 3436890.0/33

All: 834.306 $\pm$ 0.101 χ^2 /NDF: 6702202.5/65

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -0.652 ± 8.117 χ^2/NDF : 16.8/15

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -2.047 ± 8.166 χ^2/NDF : 13.0/14

Left: -1.345 ± 5.757 χ^2/NDF : 29.9/30

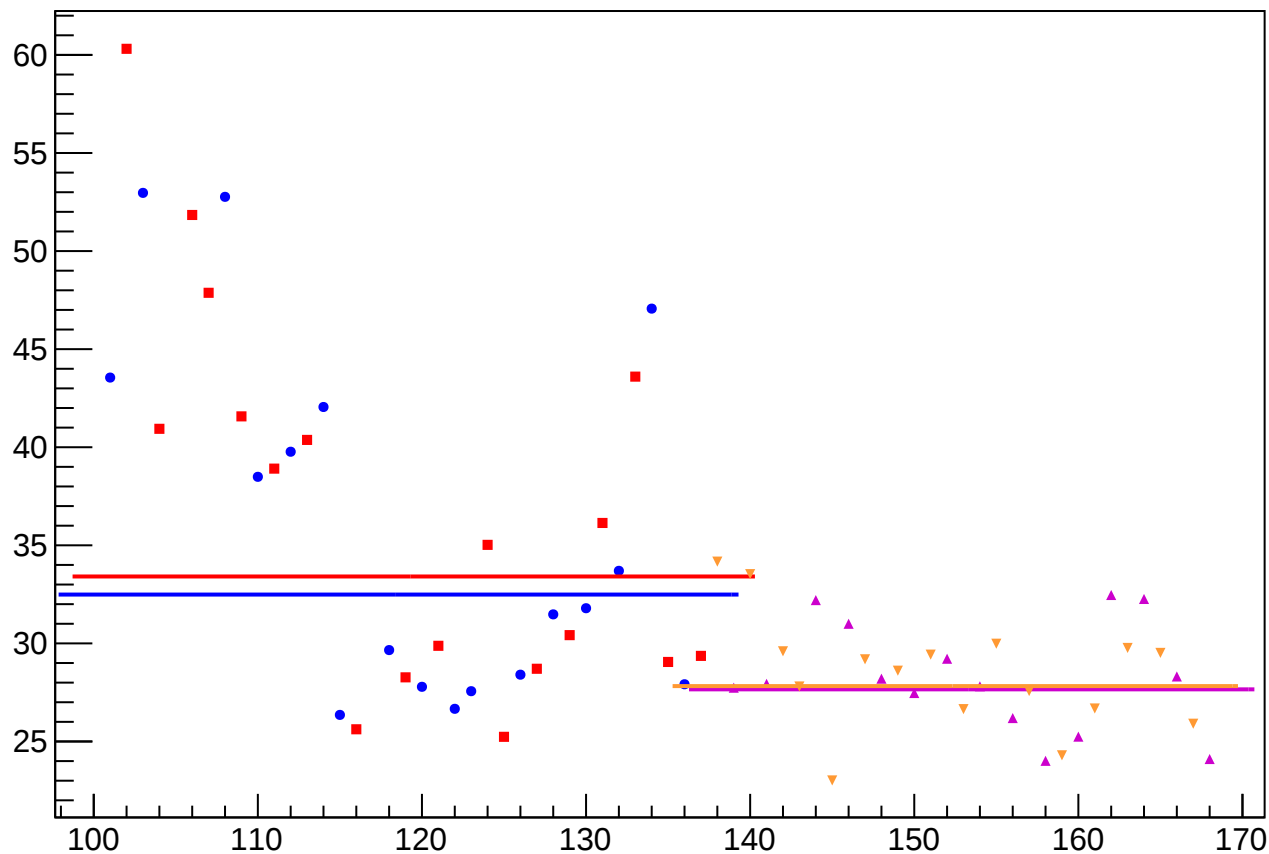
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.830 ± 6.901 χ^2/NDF : 32.1/31

Out: -4.589 ± 6.900 χ^2/NDF : 35.9/33

All: -5.209 ± 4.879 χ^2/NDF : 68.0/65

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.823+/-0.006 χ^2/NDF : 239358.7/15

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 27.657+/-0.006 χ^2/NDF : 204878.9/14

Left: 27.740+/-0.004 χ^2/NDF : 444652.5/30

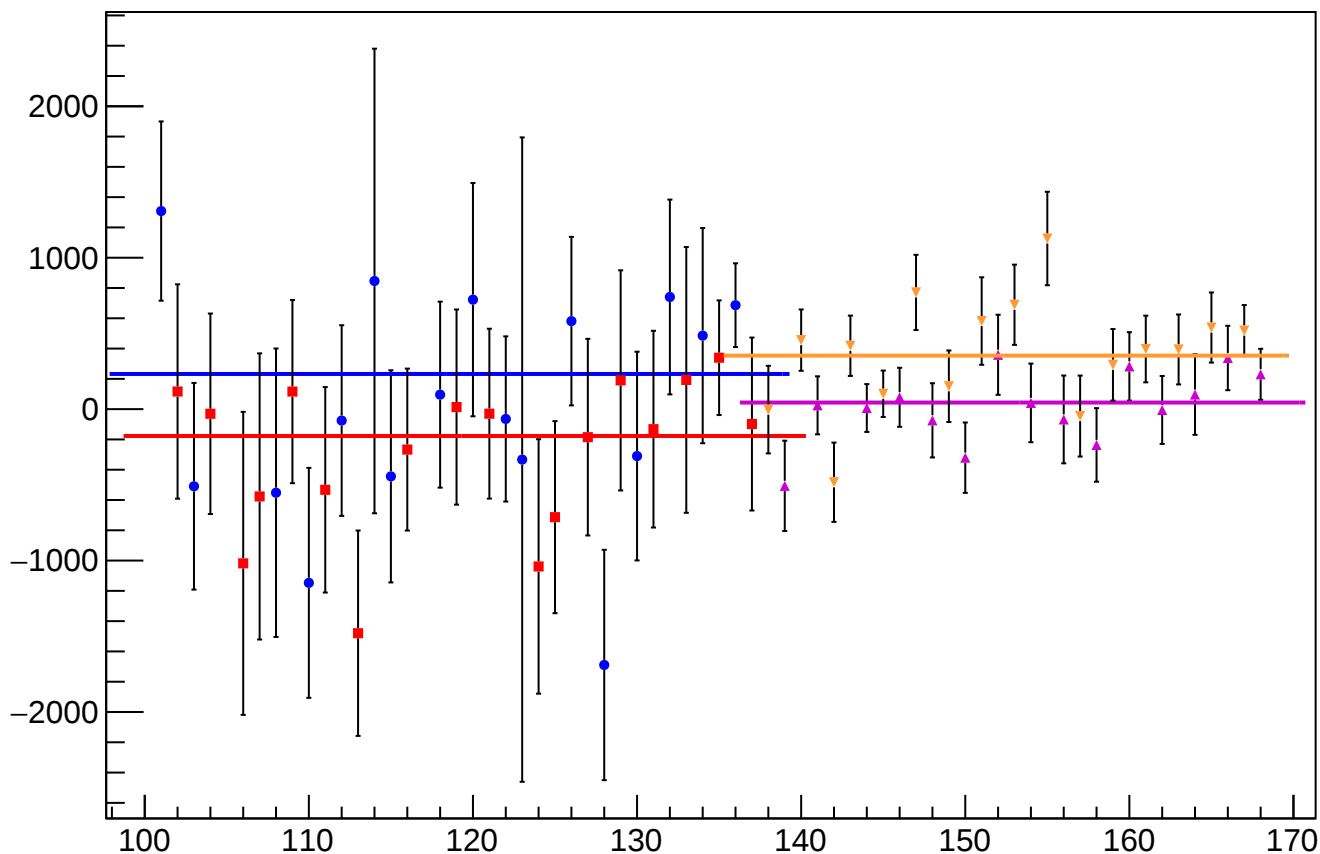
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 29.038+/-0.005 χ^2/NDF : 999551.9/31

Out: 29.374+/-0.005 χ^2/NDF : 1227615.4/33

All: 29.206+/-0.003 χ^2/NDF : 2229528.6/65

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: 353.506 $\pm$ 56.370 χ^2 /NDF:30.8/15

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: 43.601 $\pm$ 56.885 χ^2 /NDF:13.4/14

Left: 199.964 $\pm$ 40.040 χ^2 /NDF: 59.2/30

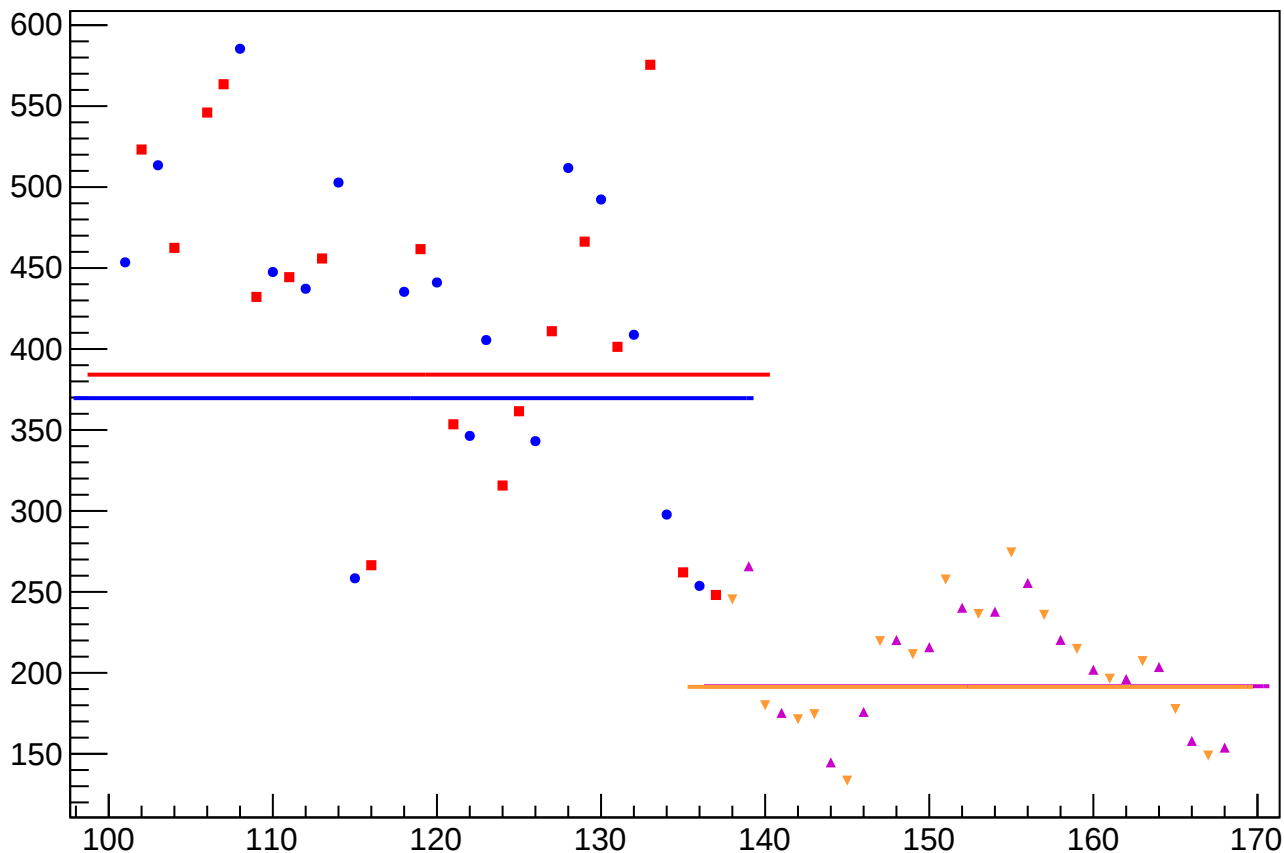
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 67.721 $\pm$ 53.126 χ^2 /NDF:36.3/31

Out: 287.840 $\pm$ 52.767 χ^2 /NDF:51.4/33

All: 178.527 $\pm$ 37.438 χ^2 /NDF: 96.3/65

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: 191.371+/-0.040 χ^2/NDF : 955169.5/15

Right Out: 384.171+/-0.106 χ^2/NDF : 874993.4/17

Left In: 191.755+/-0.040 χ^2/NDF : 792744.2/14

Left: 191.561+/-0.028 χ^2/NDF : 1747959.8/30

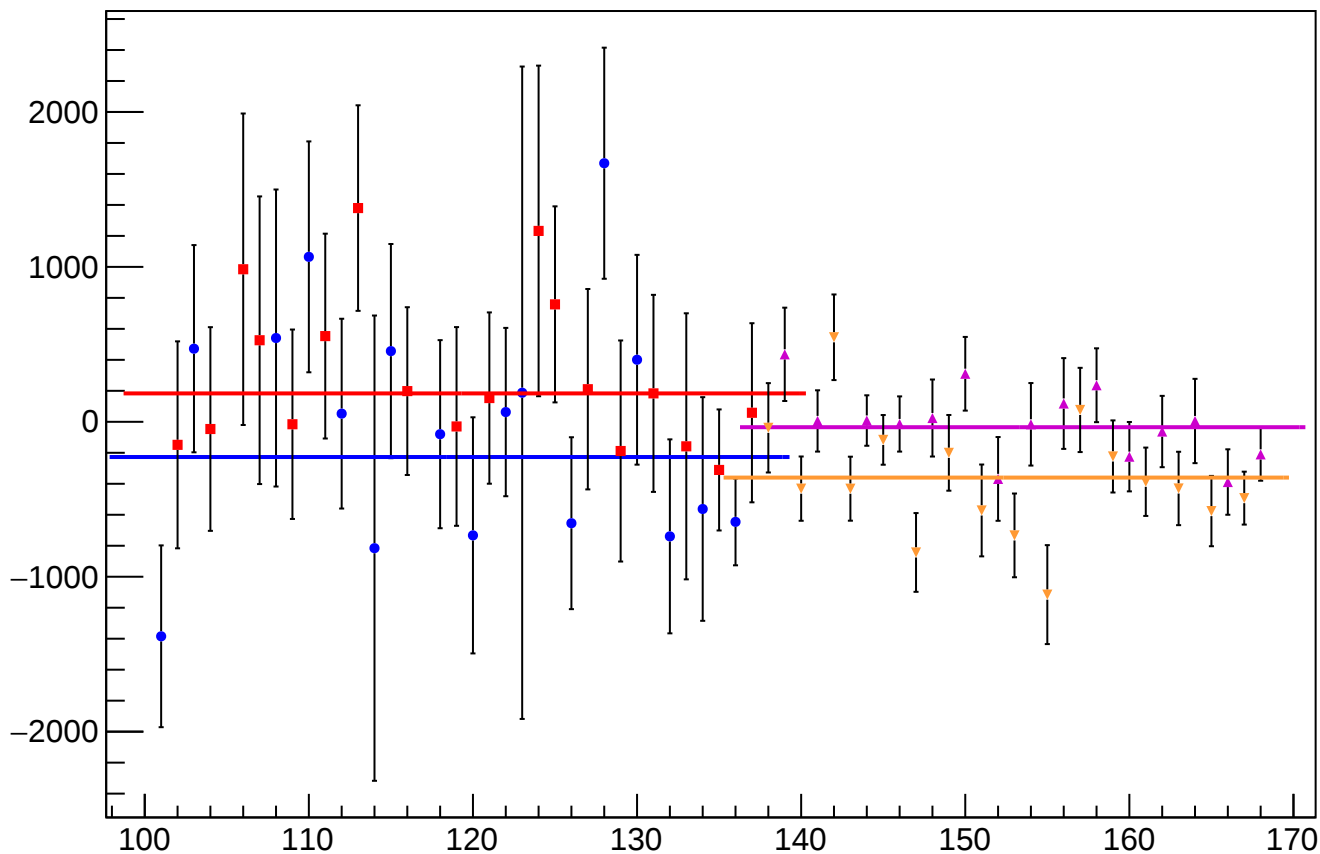
Right: 376.842+/-0.075 χ^2/NDF : 1787228.1/34

In: 214.491+/-0.038 χ^2/NDF : 4195229.4/31

Out: 215.229+/-0.037 χ^2/NDF : 4725358.2/33

All: 214.862+/-0.026 χ^2/NDF : 8920781.9/65

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -359.999 ± 57.560 $\chi^2/\text{NDF}: 31.1/15$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: -34.773 ± 57.165 $\chi^2/\text{NDF}: 12.4/14$

Left: -196.266 ± 40.561 $\chi^2/\text{NDF}: 59.6/30$

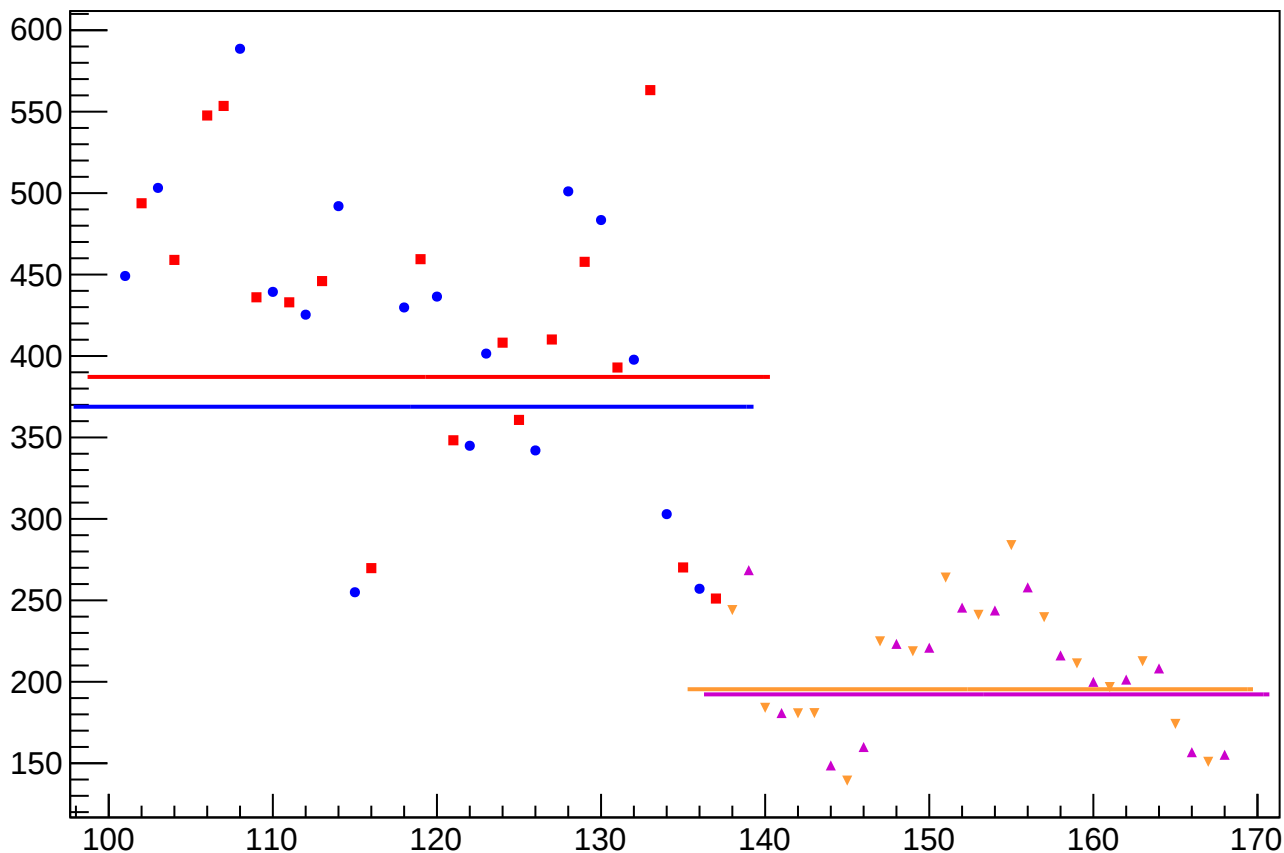
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -59.787 ± 53.322 $\chi^2/\text{NDF}: 35.8/31$

Out: -290.656 ± 53.762 $\chi^2/\text{NDF}: 51.3/33$

All: -174.274 ± 37.859 $\chi^2/\text{NDF}: 96.3/65$

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: 195.439 $\pm$ 0.041 χ^2 /NDF: 912206.4/15

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 192.274 $\pm$ 0.040 χ^2 /NDF: 841298.6/14

Left: 193.845 $\pm$ 0.029 χ^2 /NDF: 1756548.8/30

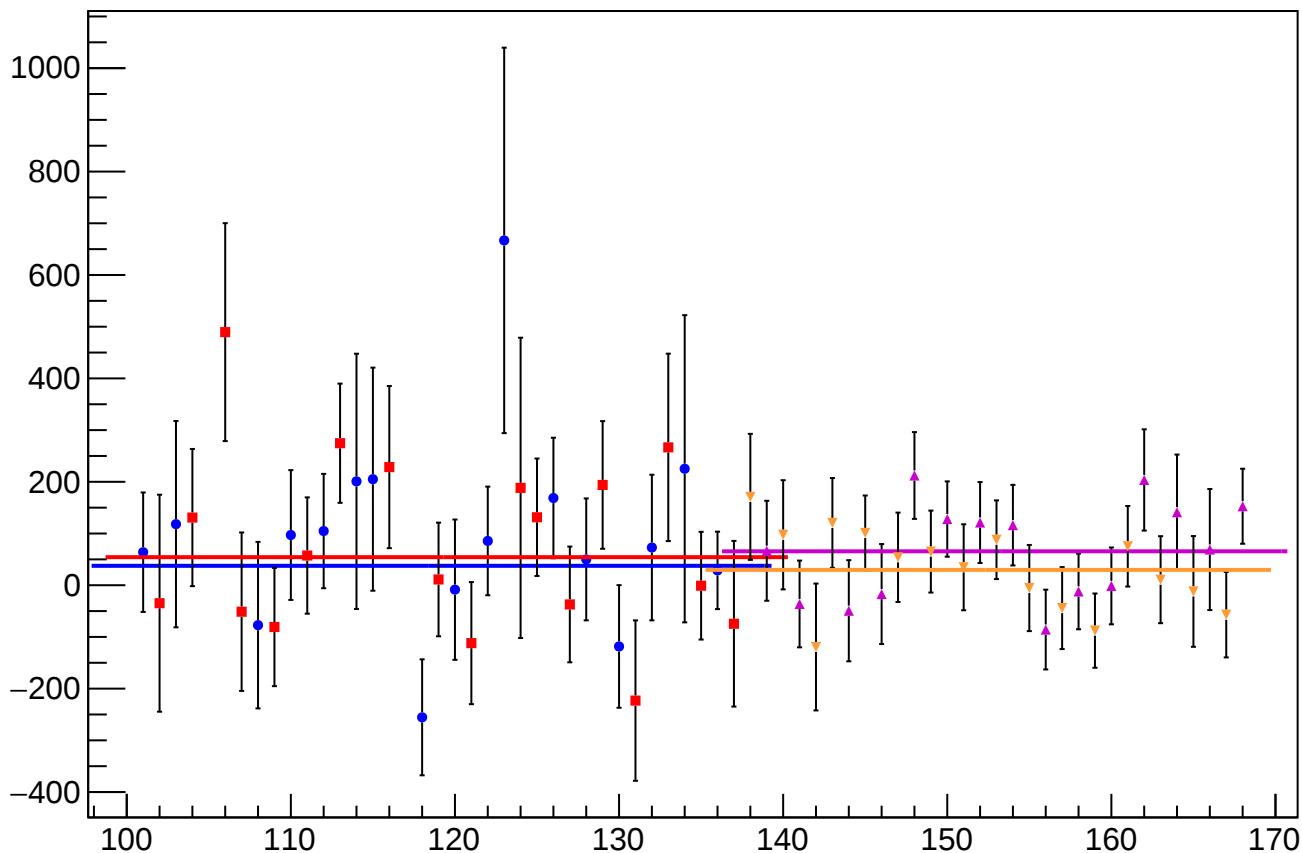
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 215.220 $\pm$ 0.038 χ^2 /NDF: 4150960.7/31

Out: 219.909 $\pm$ 0.038 χ^2 /NDF: 4502356.5/33

All: 217.545 $\pm$ 0.027 χ^2 /NDF: 8660985.6/65

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: 29.649 $\pm$ 21.350 χ^2 /NDF:11.5/15

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 65.600 $\pm$ 21.807 χ^2 /NDF:18.0/14

Left: 47.243 $\pm$ 15.256 χ^2 /NDF: 30.9/30

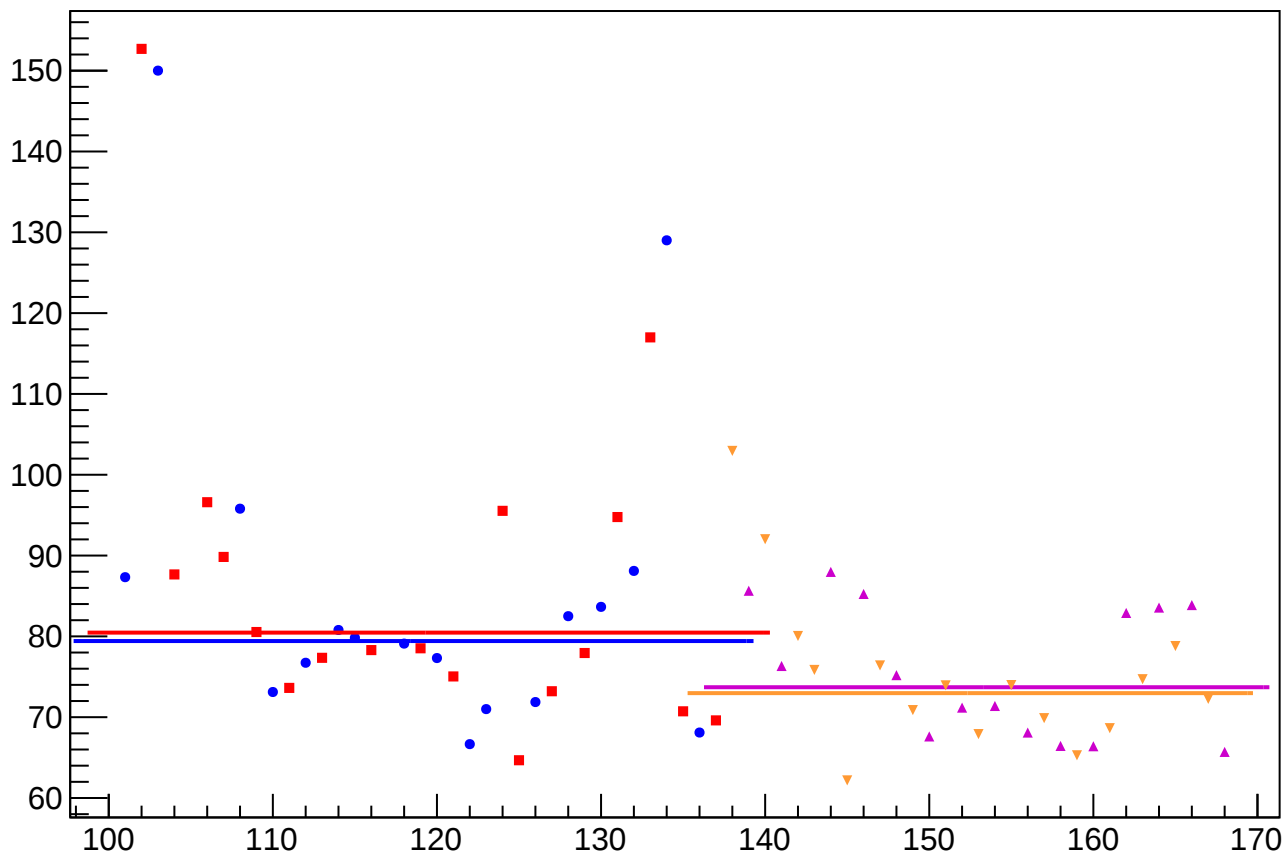
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 56.492 $\pm$ 17.923 χ^2 /NDF:34.4/31

Out: 37.404 $\pm$ 17.671 χ^2 /NDF:33.7/33

All: 46.813 $\pm$ 12.583 χ^2 /NDF: 68.7/65

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 72.976 $\pm$ 0.015 χ^2 /NDF: 292439.3/15

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 73.707 $\pm$ 0.015 χ^2 /NDF: 244304.2/14

Left: 73.334 $\pm$ 0.011 χ^2 /NDF: 537888.3/30

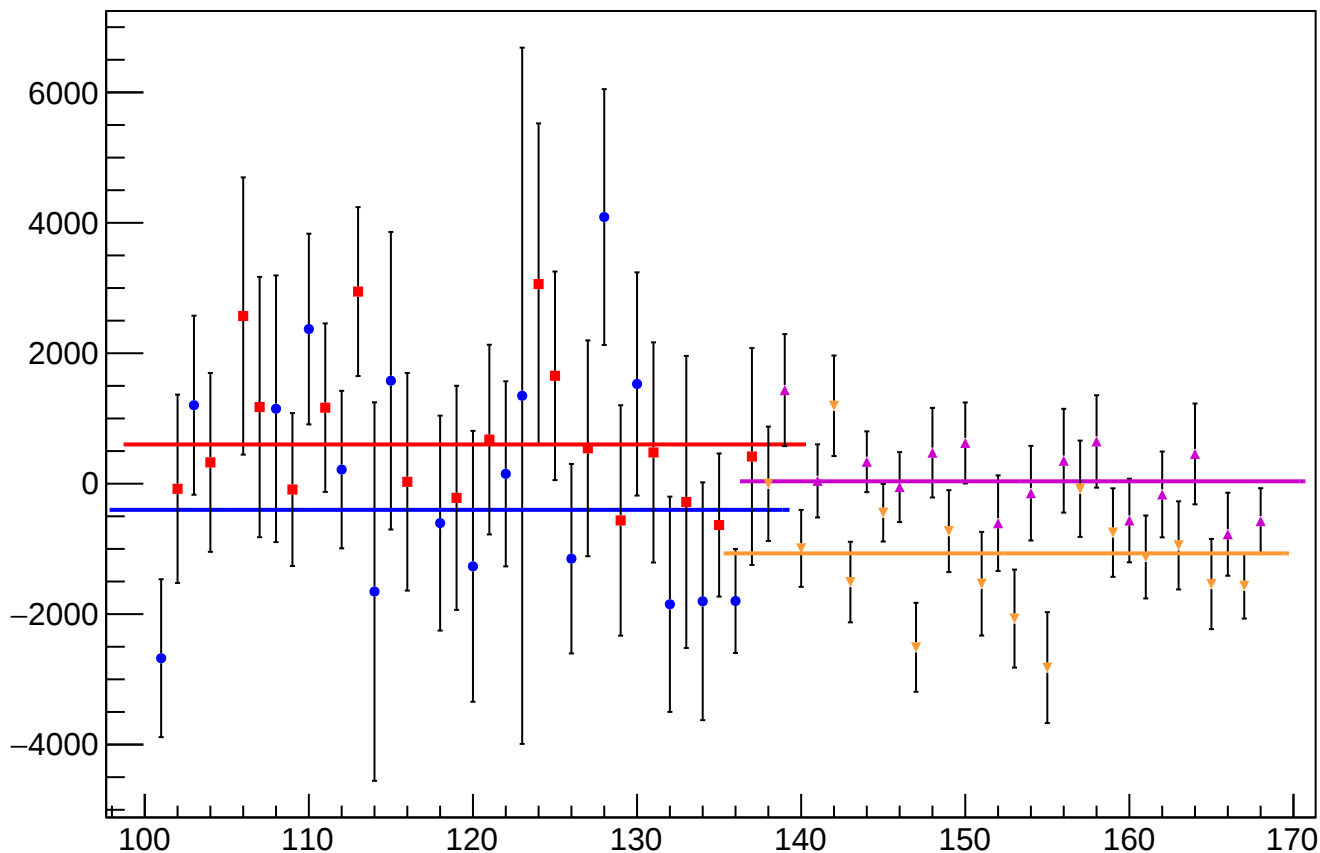
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 75.561 $\pm$ 0.013 χ^2 /NDF: 727927.3/31

Out: 75.335 $\pm$ 0.012 χ^2 /NDF: 824312.7/33

All: 75.446 $\pm$ 0.009 χ^2 /NDF: 1552401.9/65

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -1068.568 ± 162.765 $\chi^2/\text{NDF}: 27.2/15$

Right Out: 601.891 ± 363.668 $\chi^2/\text{NDF}: 8.7/17$

Left In: 36.514 ± 163.378 $\chi^2/\text{NDF}: 10.5/14$

Left: -518.103 ± 115.308 $\chi^2/\text{NDF}: 60.7/30$

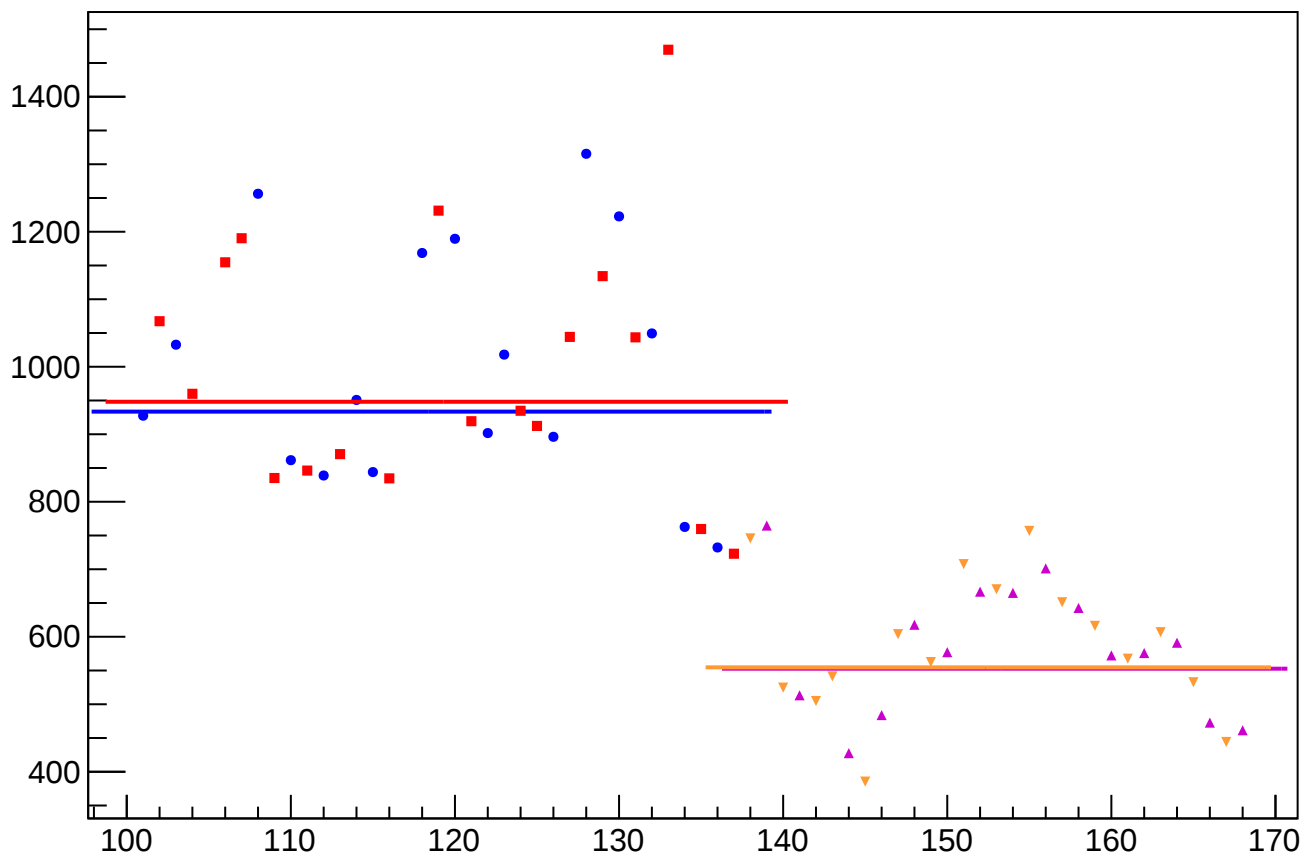
Right: 107.014 ± 258.836 $\chi^2/\text{NDF}: 34.4/34$

In: -35.373 ± 149.355 $\chi^2/\text{NDF}: 33.6/31$

Out: -789.793 ± 148.564 $\chi^2/\text{NDF}: 53.5/33$

All: -414.587 ± 105.329 $\chi^2/\text{NDF}: 99.9/65$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 554.681+/-0.115 χ^2/NDF : 810419.4/15

Right Out: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 552.681+/-0.116 χ^2/NDF : 634157.2/14

Left: 553.685+/-0.082 χ^2/NDF : 1444727.1/30

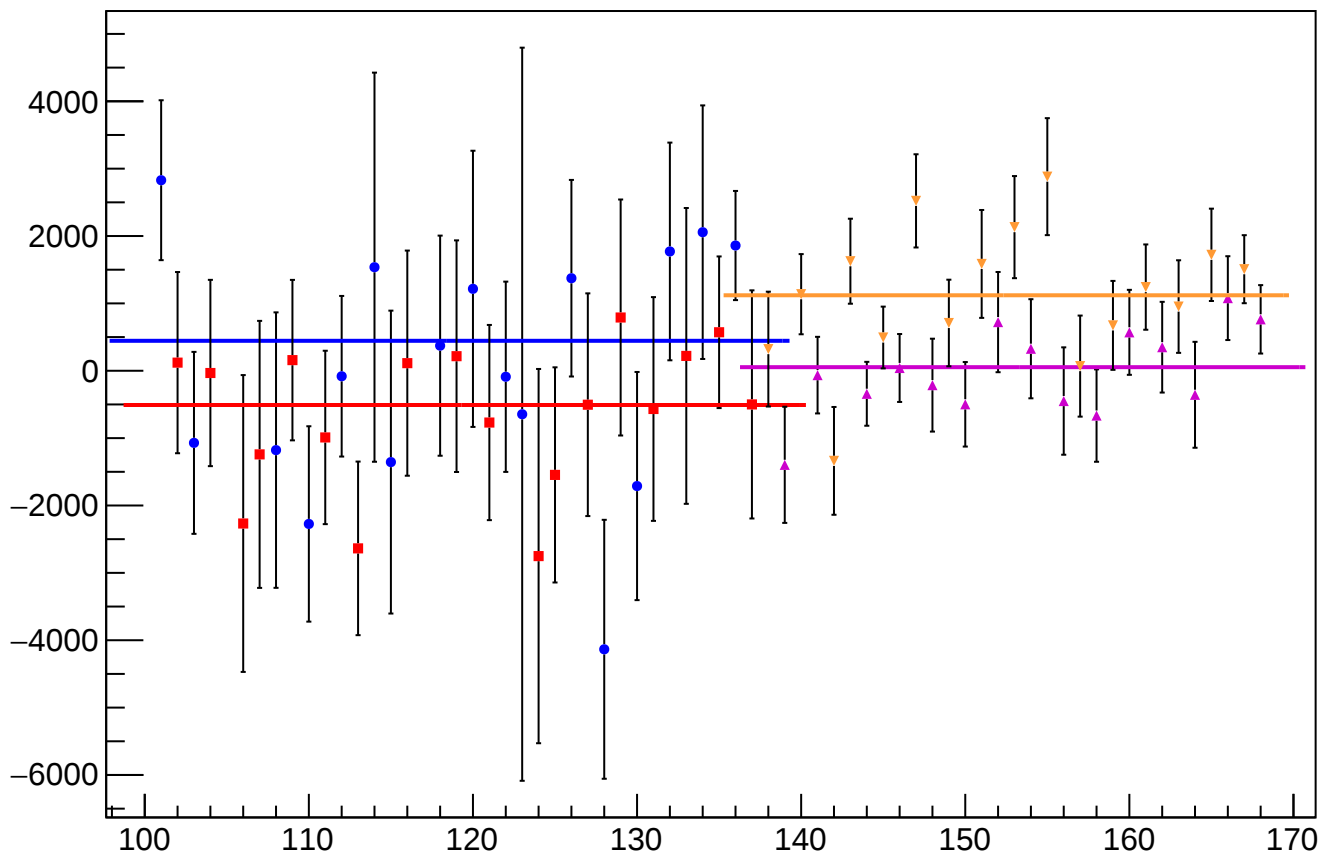
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 615.251+/-0.106 χ^2/NDF : 2861998.9/31

Out: 620.342+/-0.105 χ^2/NDF : 3165886.1/33

All: 617.810+/-0.074 χ^2/NDF : 6029053.3/65

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1120.444+/-164.608 χ^2/NDF :27.4/15

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: 53.315+/-163.036 χ^2/NDF :12.7/14

Left: 581.761+/-115.836 χ^2/NDF : 61.4/30

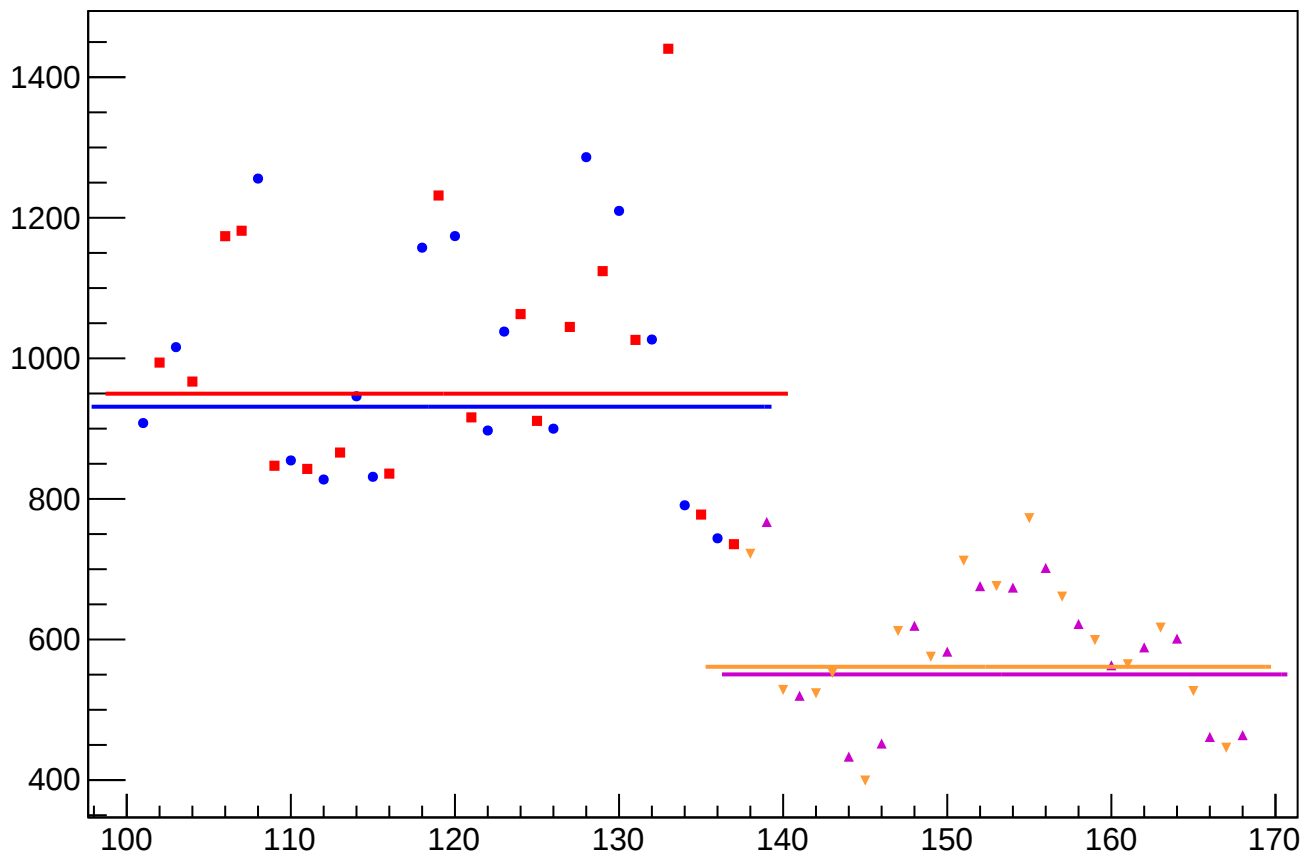
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 117.790+/-149.002 χ^2/NDF :36.6/31

Out: 844.067+/-149.993 χ^2/NDF :51.4/33

All: 478.523+/-105.709 χ^2/NDF : 99.8/65

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 561.186+/-0.116 χ^2/NDF : 743125.1/15

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 550.346+/-0.115 χ^2/NDF : 677914.0/14

Left: 555.714+/-0.082 χ^2/NDF : 1425416.6/30

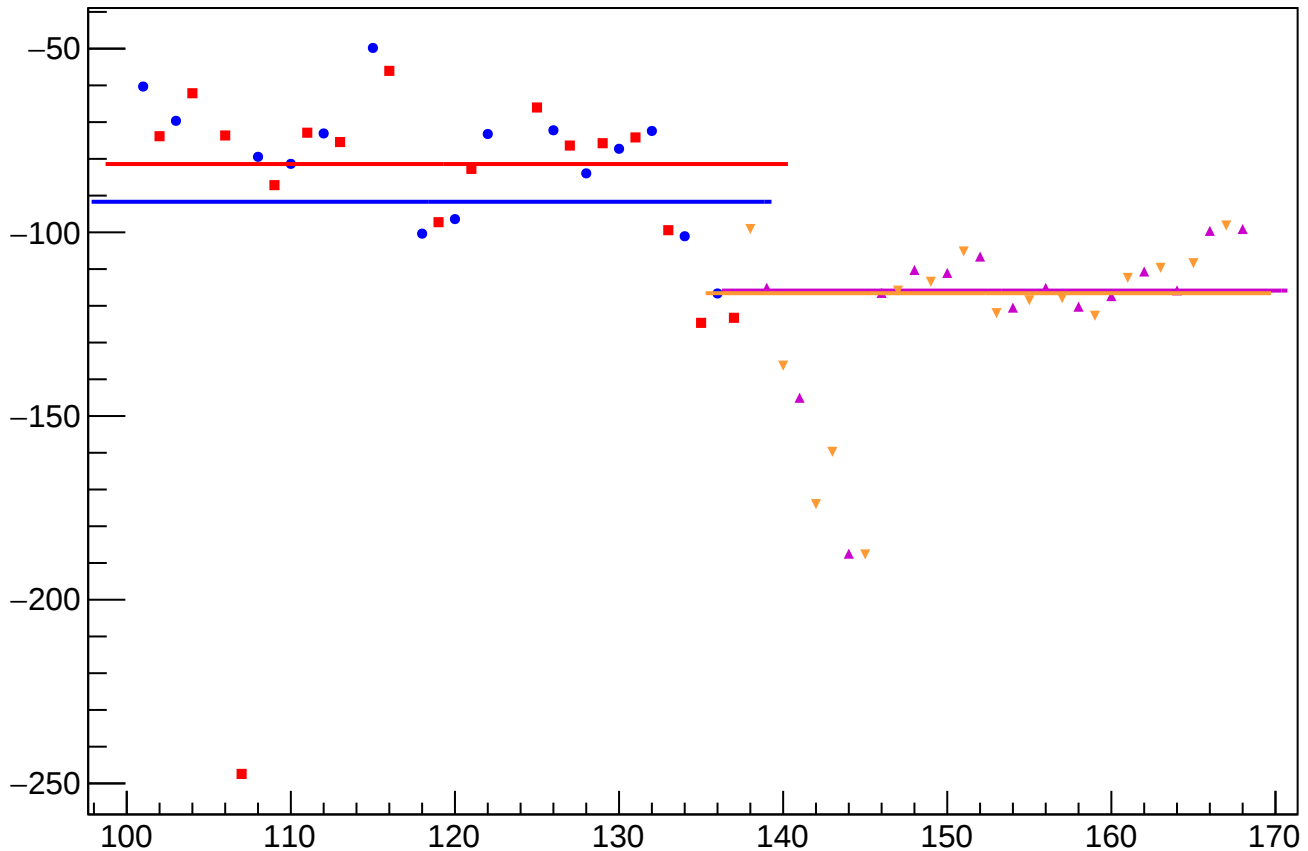
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 613.092+/-0.105 χ^2/NDF : 2876214.4/31

Out: 627.121+/-0.106 χ^2/NDF : 2999722.1/33

All: 620.060+/-0.075 χ^2/NDF : 5884743.4/65

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -116.567+/-0.069 χ^2/NDF : 33987.0/15

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -115.854+/-0.064 χ^2/NDF : 65873.5/14

Left: -116.184+/-0.047 χ^2/NDF : 99918.3/30

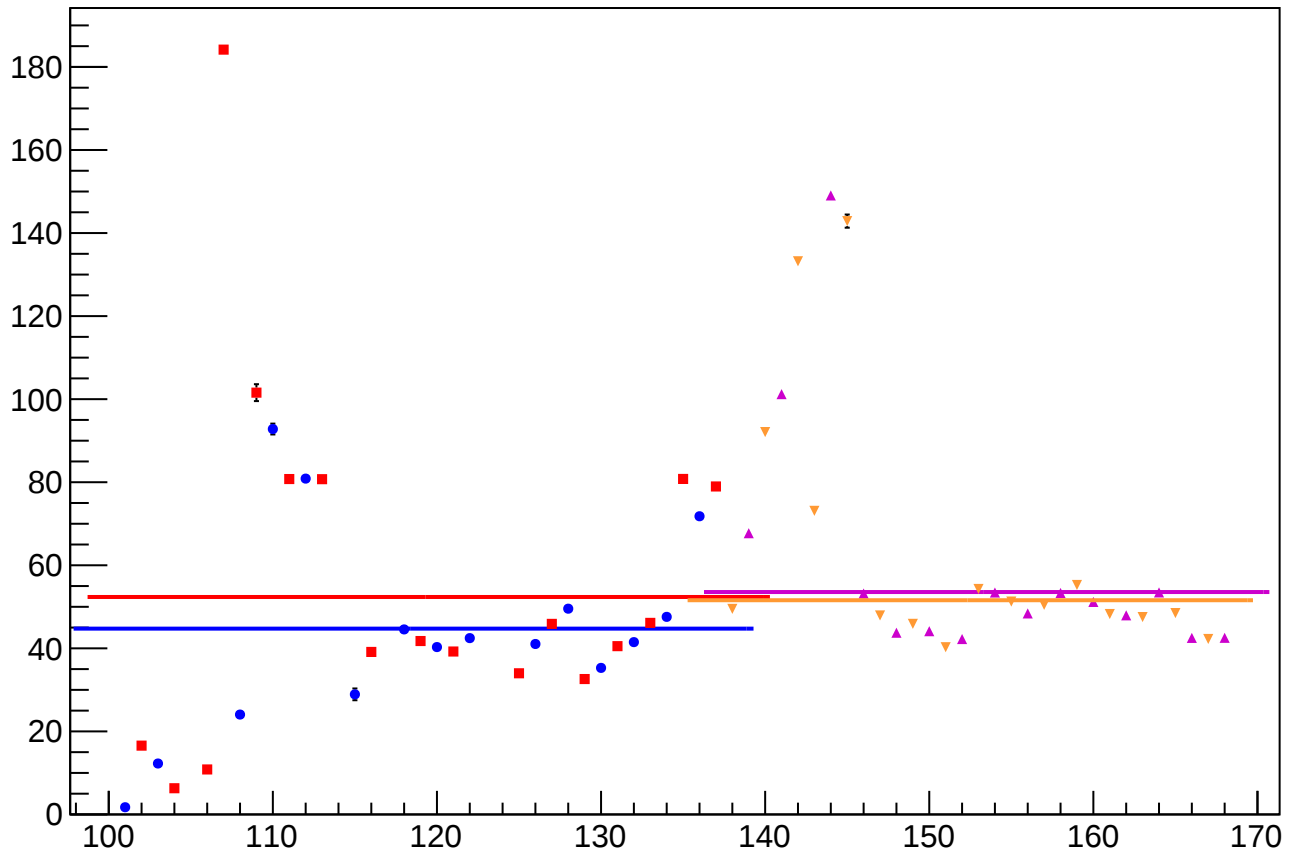
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -104.901+/-0.047 χ^2/NDF : 195479.7/29

Out: -105.057+/-0.056 χ^2/NDF : 161464.1/32

All: -104.966+/-0.036 χ^2/NDF : 356948.3/62

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 51.584+/-0.057 χ^2/NDF : 46078.3/15

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 53.558+/-0.055 χ^2/NDF : 120701.3/14

Left: 52.598+/-0.040 χ^2/NDF : 167402.3/30

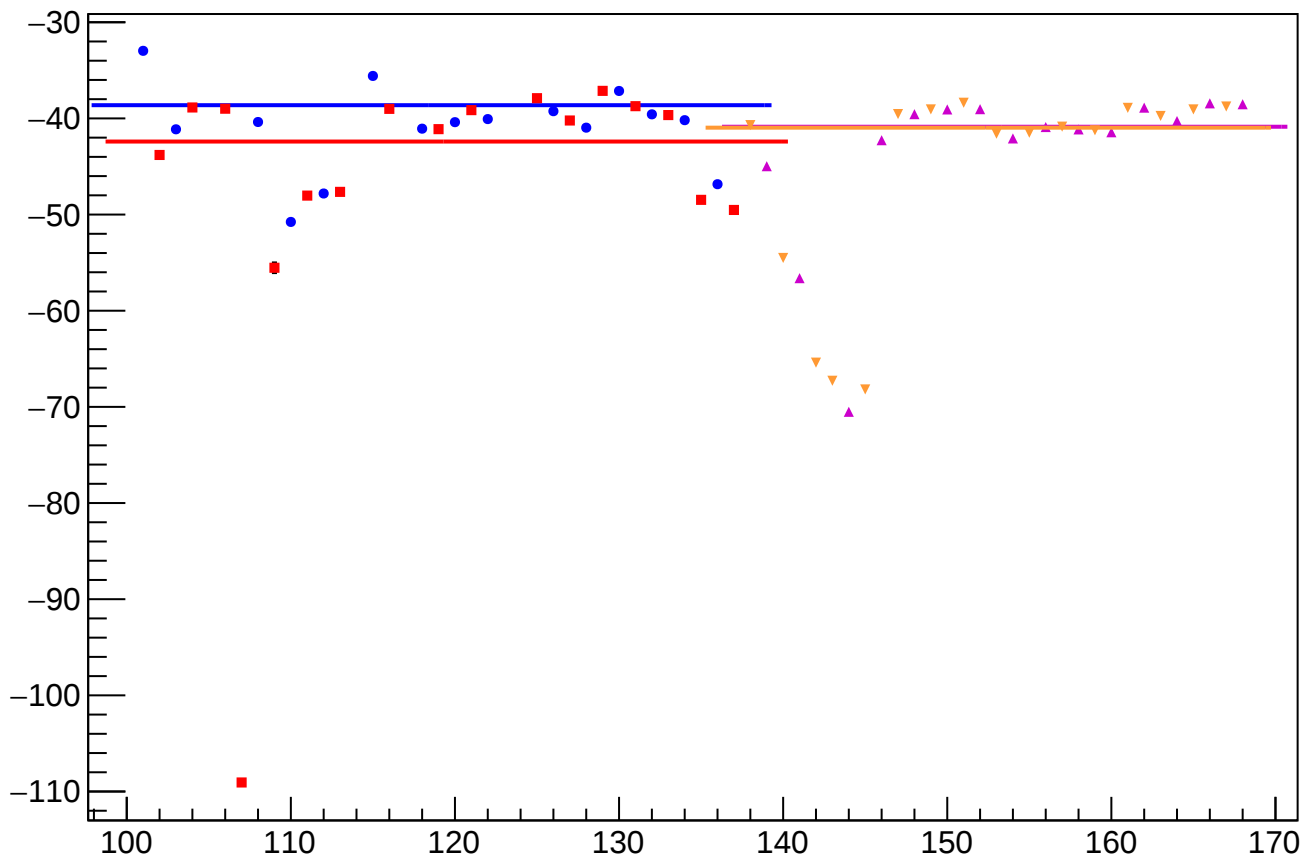
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 49.562+/-0.041 χ^2/NDF : 216971.6/29

Out: 51.743+/-0.051 χ^2/NDF : 115402.0/32

All: 50.420+/-0.032 χ^2/NDF : 333498.4/62

dit_usl_11X12X_slope vs Slug, Sign Corrected



Left: -40.919 ± 0.006 $\chi^2/\text{NDF} = 351991.6/30$

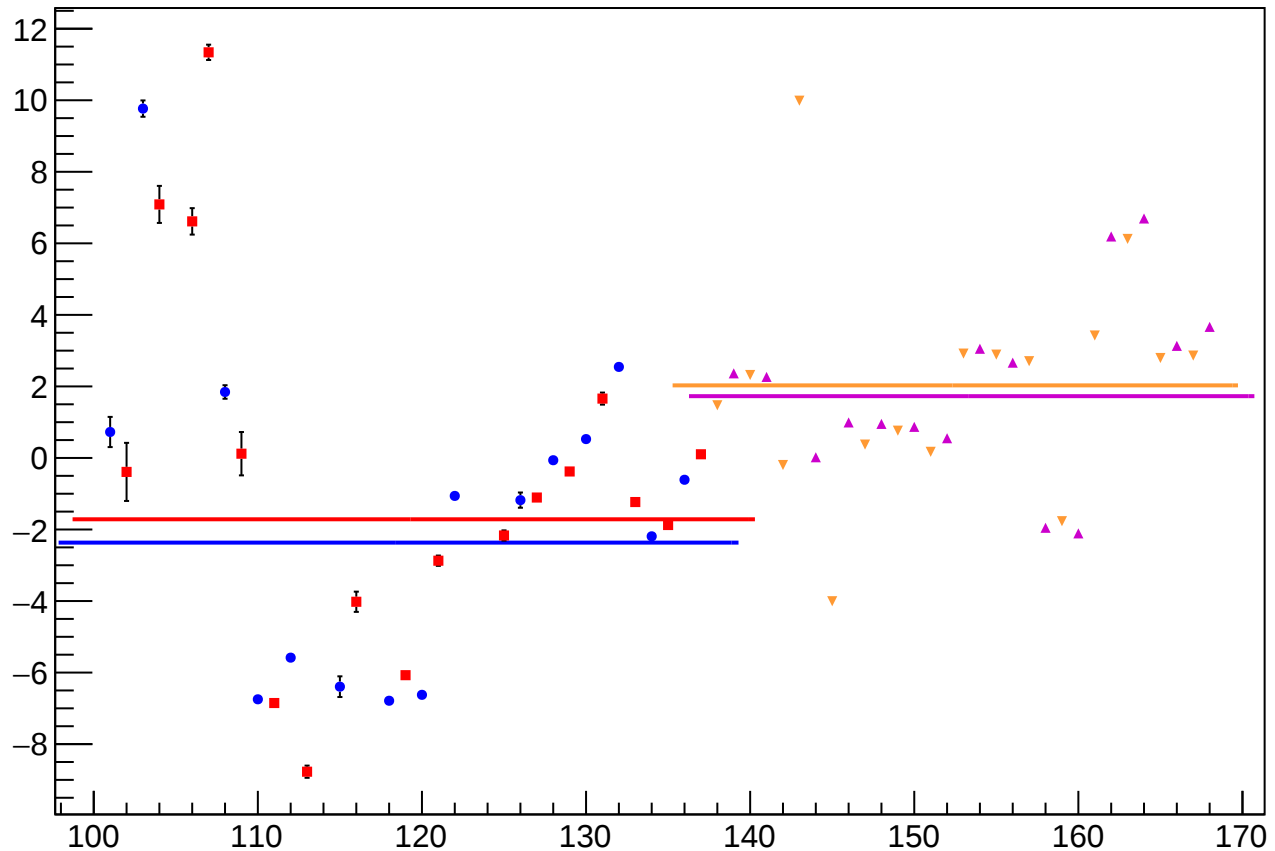
Right: -39.121 ± 0.008 $\chi^2/\text{NDF} = 536660.1/31$

In: -39.629 ± 0.006 $\chi^2/\text{NDF} = 427989.4/29$

Out: -41.159 ± 0.008 $\chi^2/\text{NDF} = 470057.0/32$

All: -40.211 ± 0.005 $\chi^2/\text{NDF} = 921649.5/62$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.029 ± 0.009 $\chi^2/\text{NDF}: 72079.7/15$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.727 ± 0.008 $\chi^2/\text{NDF}: 81481.5/14$

Left: 1.863 ± 0.006 $\chi^2/\text{NDF}: 154179.5/30$

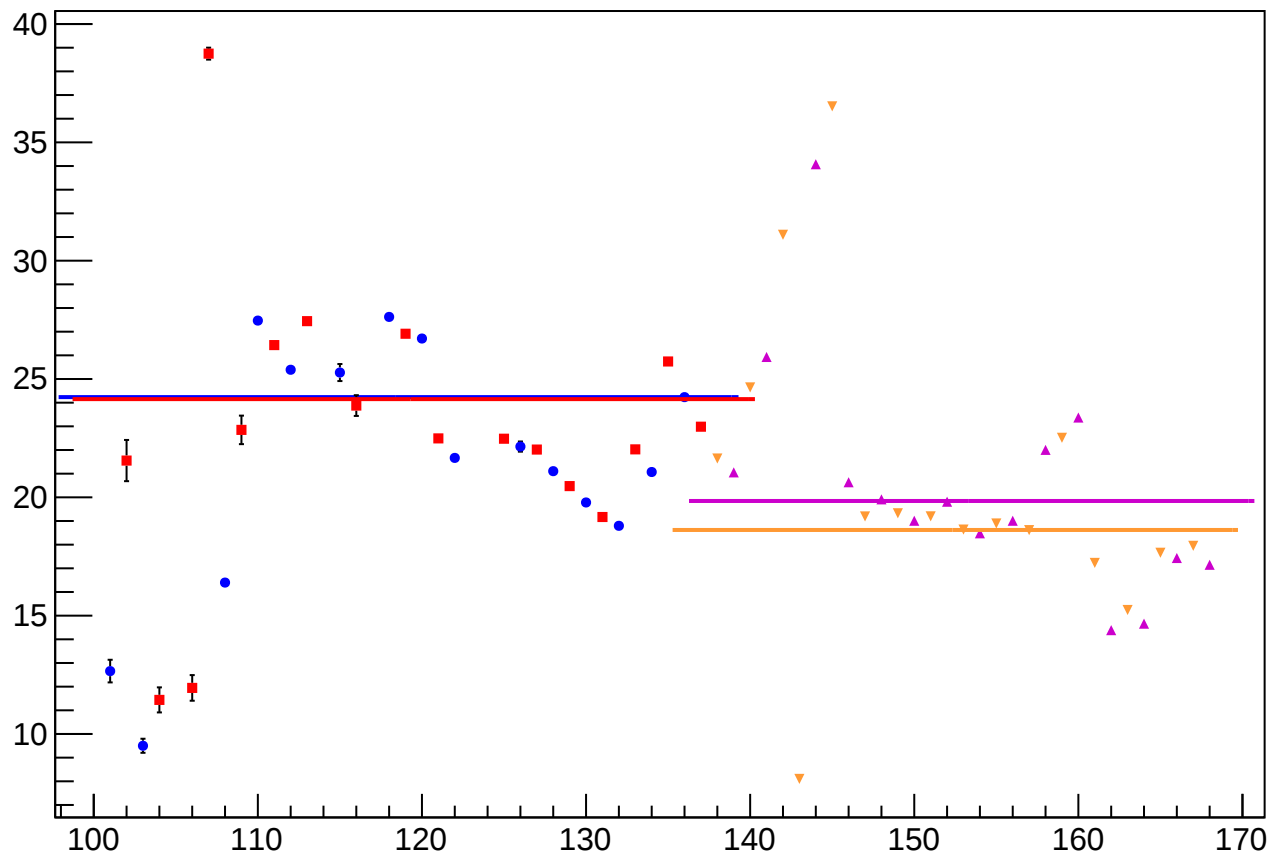
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.703 ± 0.007 $\chi^2/\text{NDF}: 173730.9/29$

Out: 1.654 ± 0.009 $\chi^2/\text{NDF}: 102111.3/32$

All: 1.088 ± 0.005 $\chi^2/\text{NDF}: 283221.2/62$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.621 $\pm$ 0.009 χ^2 /NDF: 71100.9/15

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.846 $\pm$ 0.008 χ^2 /NDF: 93638.1/14

Left: 19.290 $\pm$ 0.006 χ^2 /NDF: 174561.8/30

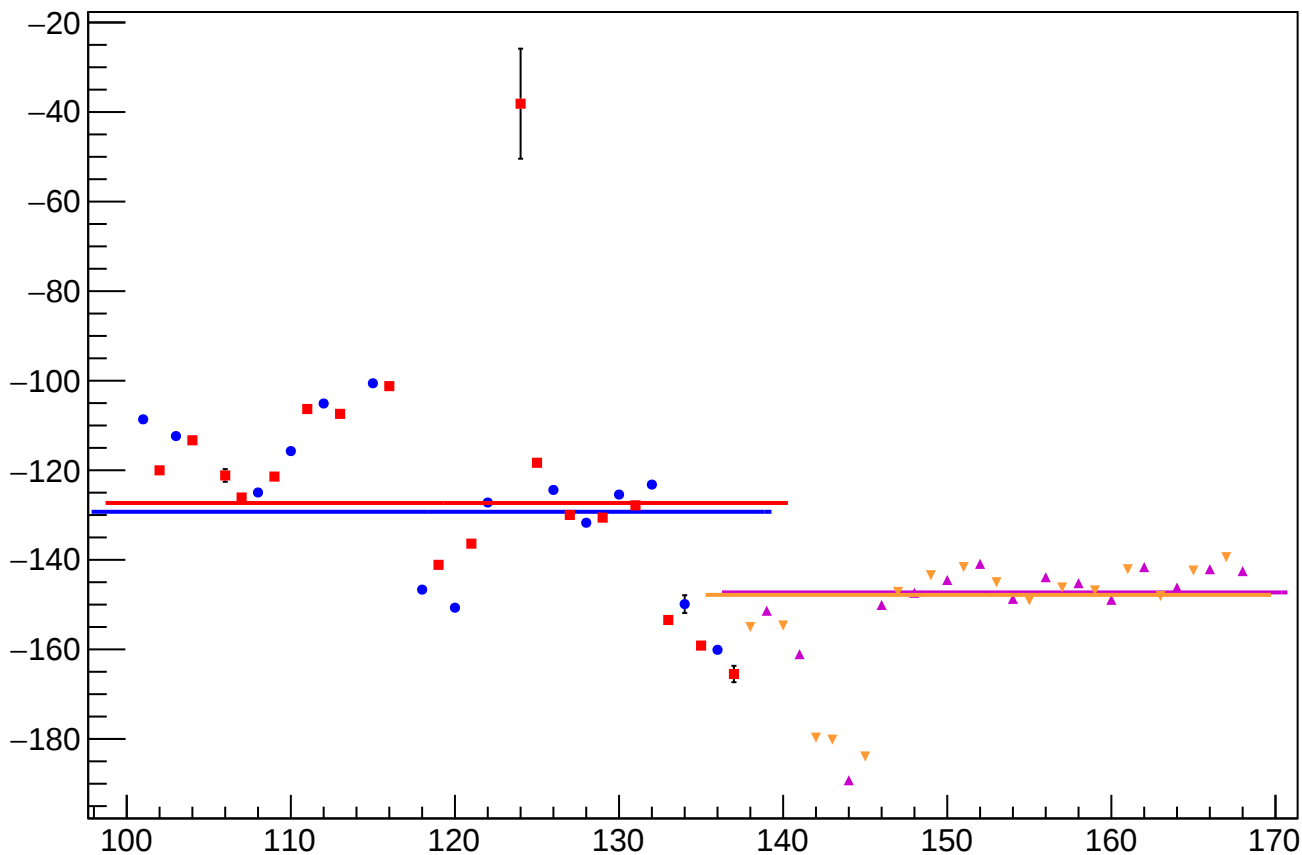
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.395 $\pm$ 0.008 χ^2 /NDF: 150289.1/29

Out: 19.302 $\pm$ 0.009 χ^2 /NDF: 129456.2/32

All: 19.899 $\pm$ 0.006 χ^2 /NDF: 288675.7/62

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -147.828+/-0.056 χ^2/NDF :32583.5/15

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -147.280+/-0.055 χ^2/NDF :23126.3/14

Left: -147.548+/-0.039 χ^2/NDF : 55757.8/30

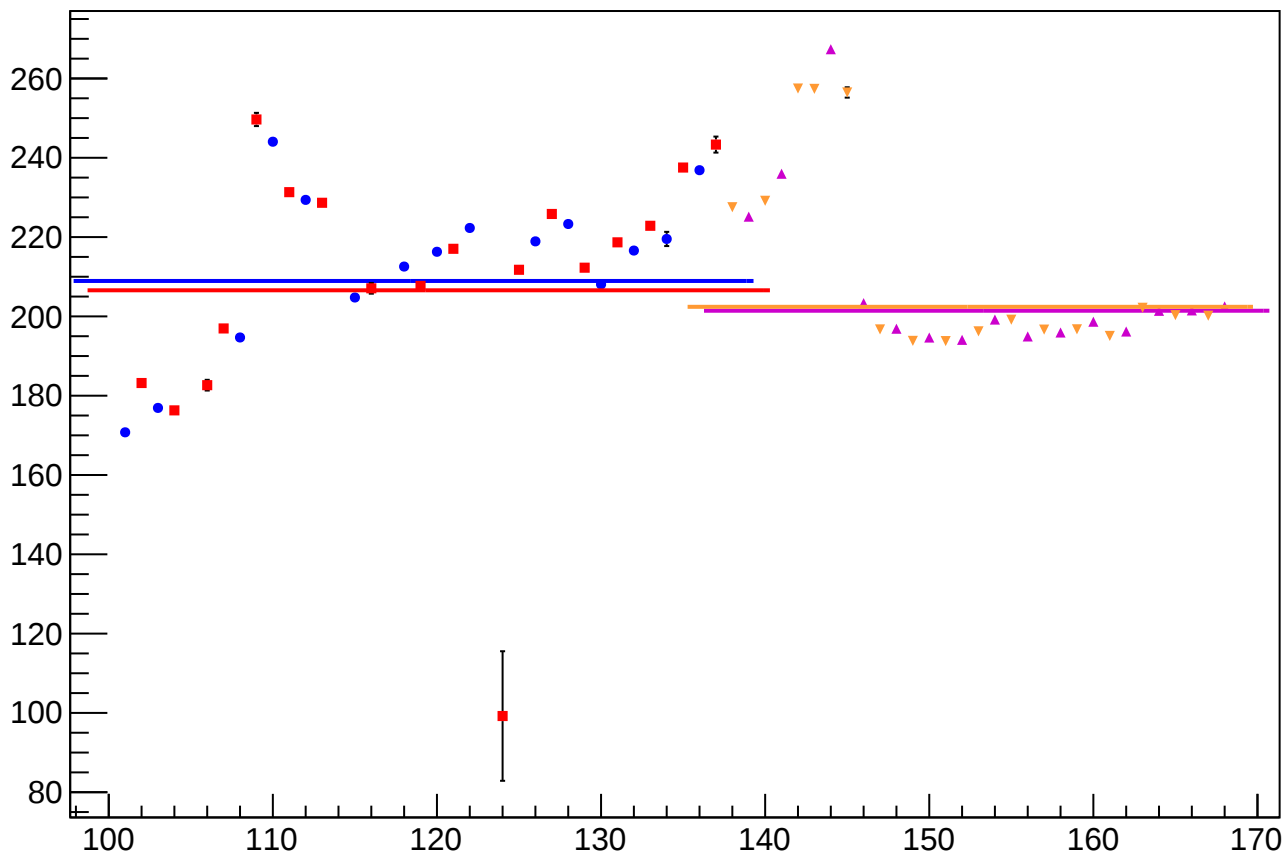
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -142.167+/-0.047 χ^2/NDF :88374.9/29

Out: -141.473+/-0.047 χ^2/NDF :103090.8/33

All: -141.821+/-0.033 χ^2/NDF : 191575.3/63

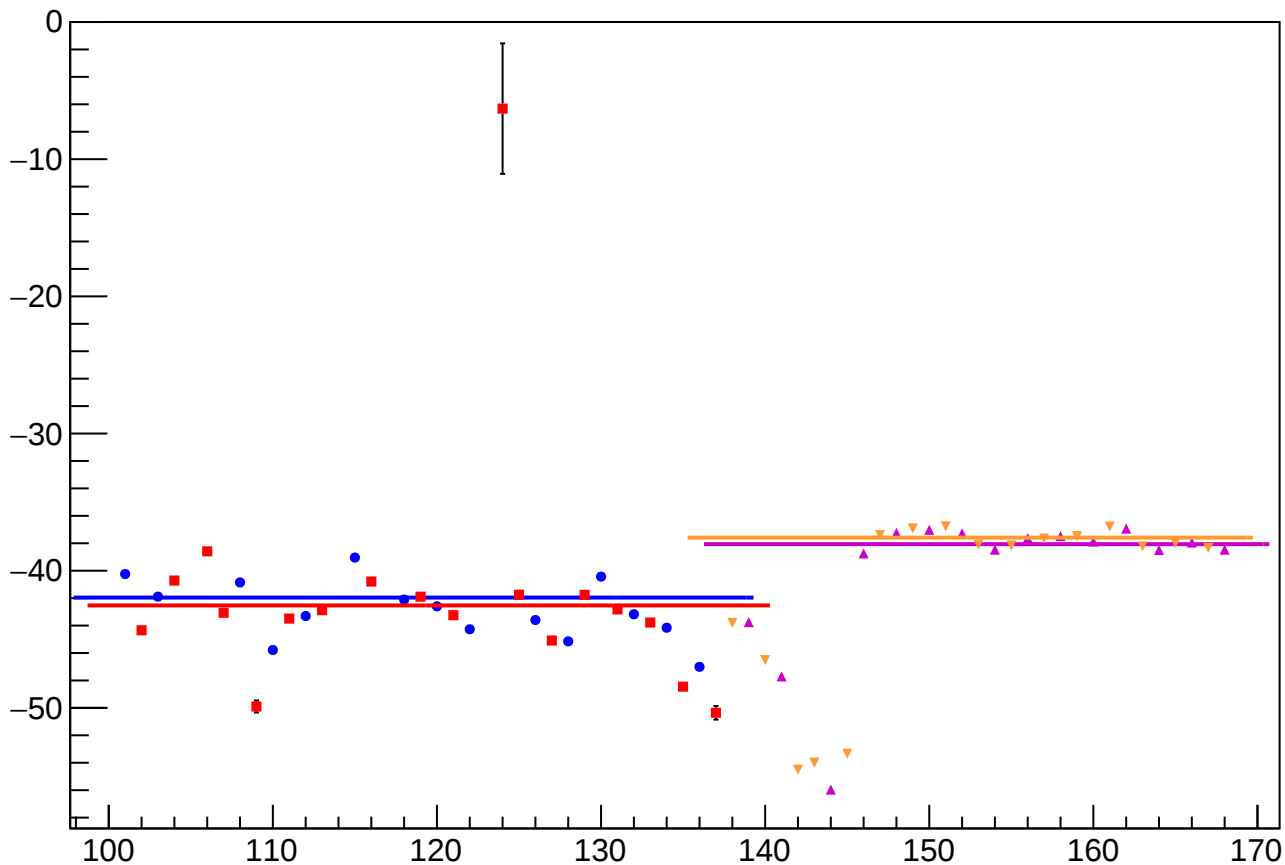
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14
 Left Out: 202.416 $\pm$ 0.048 χ^2/NDF :103384.6/15
 Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17
 Left In: 201.427 $\pm$ 0.047 χ^2/NDF :76183.9/14

Left: 201.917 $\pm$ 0.033 χ^2/NDF : 179786.8/30
 Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32
 In: 203.065 $\pm$ 0.042 χ^2/NDF :126405.2/29
 Out: 203.441 $\pm$ 0.041 χ^2/NDF :153485.0/33
 All: 203.255 $\pm$ 0.029 χ^2/NDF : 279931.3/63

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.589 ± 0.004 χ^2/NDF : 221874.3/15

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.064 ± 0.005 χ^2/NDF : 133223.9/14

Left: -37.803 ± 0.003 χ^2/NDF : 360127.7/30

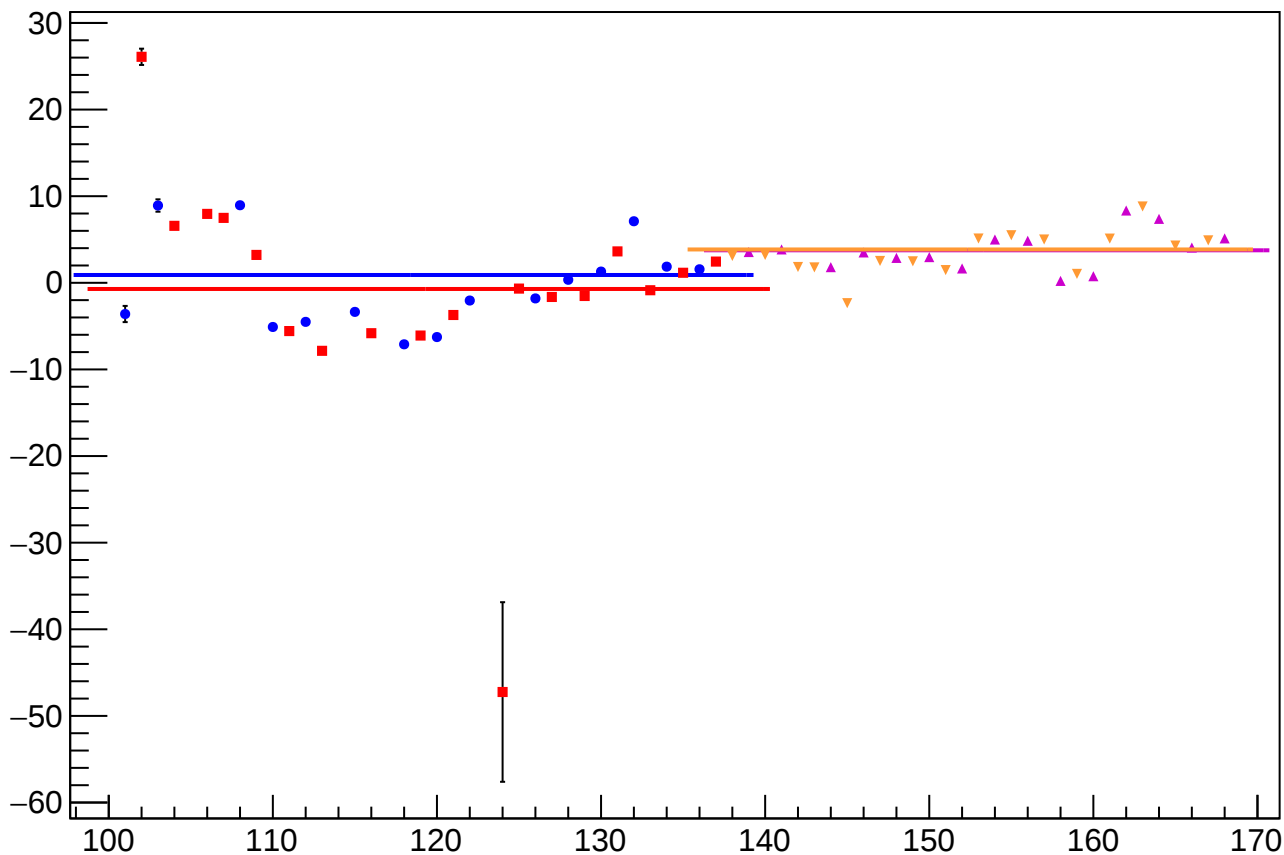
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.423 ± 0.005 χ^2/NDF : 214007.6/29

Out: -37.812 ± 0.004 χ^2/NDF : 282700.8/33

All: -38.095 ± 0.003 χ^2/NDF : 505642.7/63

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2/NDF : 21140.4/14

Left Out: 3.850 $\pm$ 0.007 χ^2/NDF :81581.8/15

Right Out: -0.711 $\pm$ 0.024 χ^2/NDF : 30723.8/17

Left In: 3.753 $\pm$ 0.008 χ^2/NDF :64493.7/14

Left: 3.807 $\pm$ 0.005 χ^2/NDF : 146154.0/30

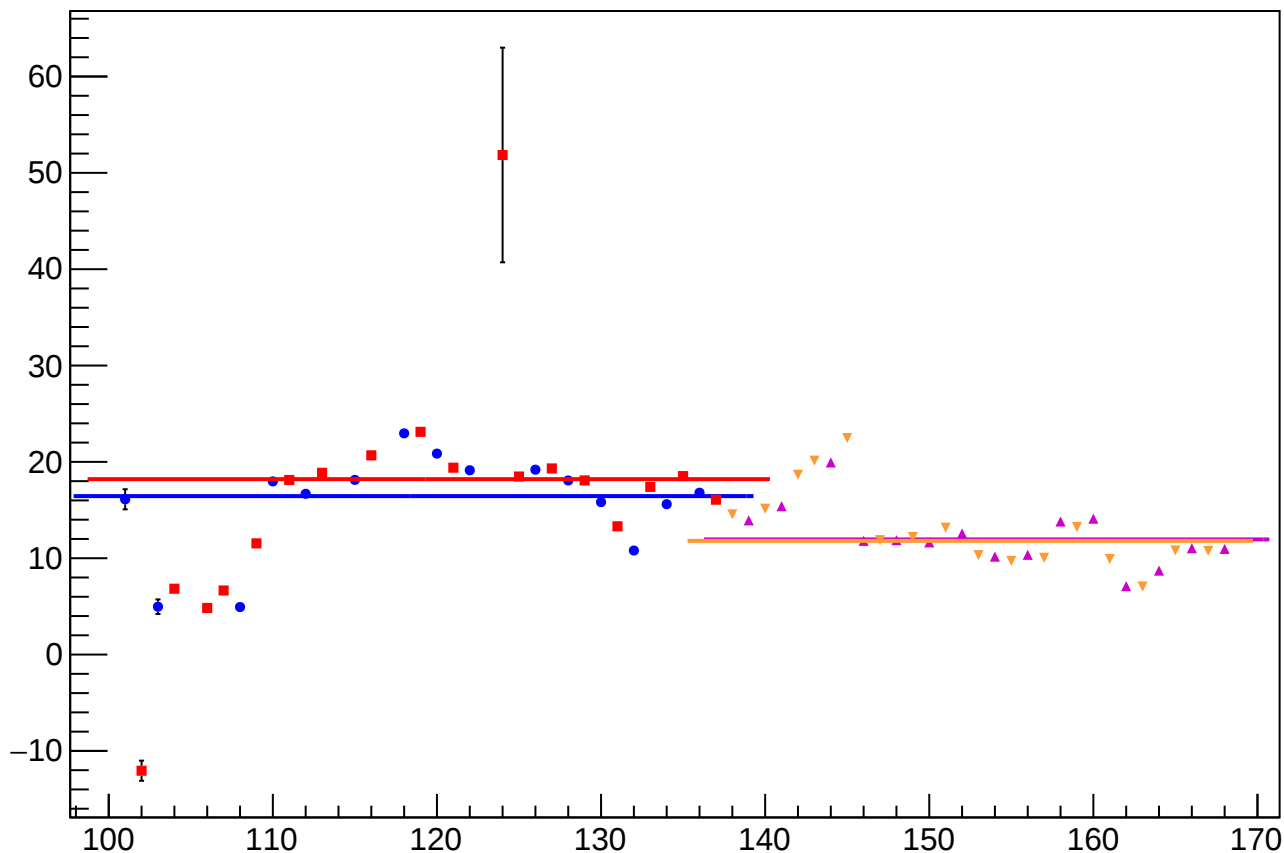
Right: 0.250 $\pm$ 0.015 χ^2/NDF : 54492.0/32

In: 3.354 $\pm$ 0.008 χ^2/NDF :103022.4/29

Out: 3.474 $\pm$ 0.007 χ^2/NDF :144625.4/33

All: 3.418 $\pm$ 0.005 χ^2/NDF : 247783.5/63

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.802 $\pm$ 0.009 χ^2 /NDF:88902.3/15

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.953 $\pm$ 0.010 χ^2 /NDF:45955.5/14

Left: 11.872 $\pm$ 0.007 χ^2 /NDF: 134978.2/30

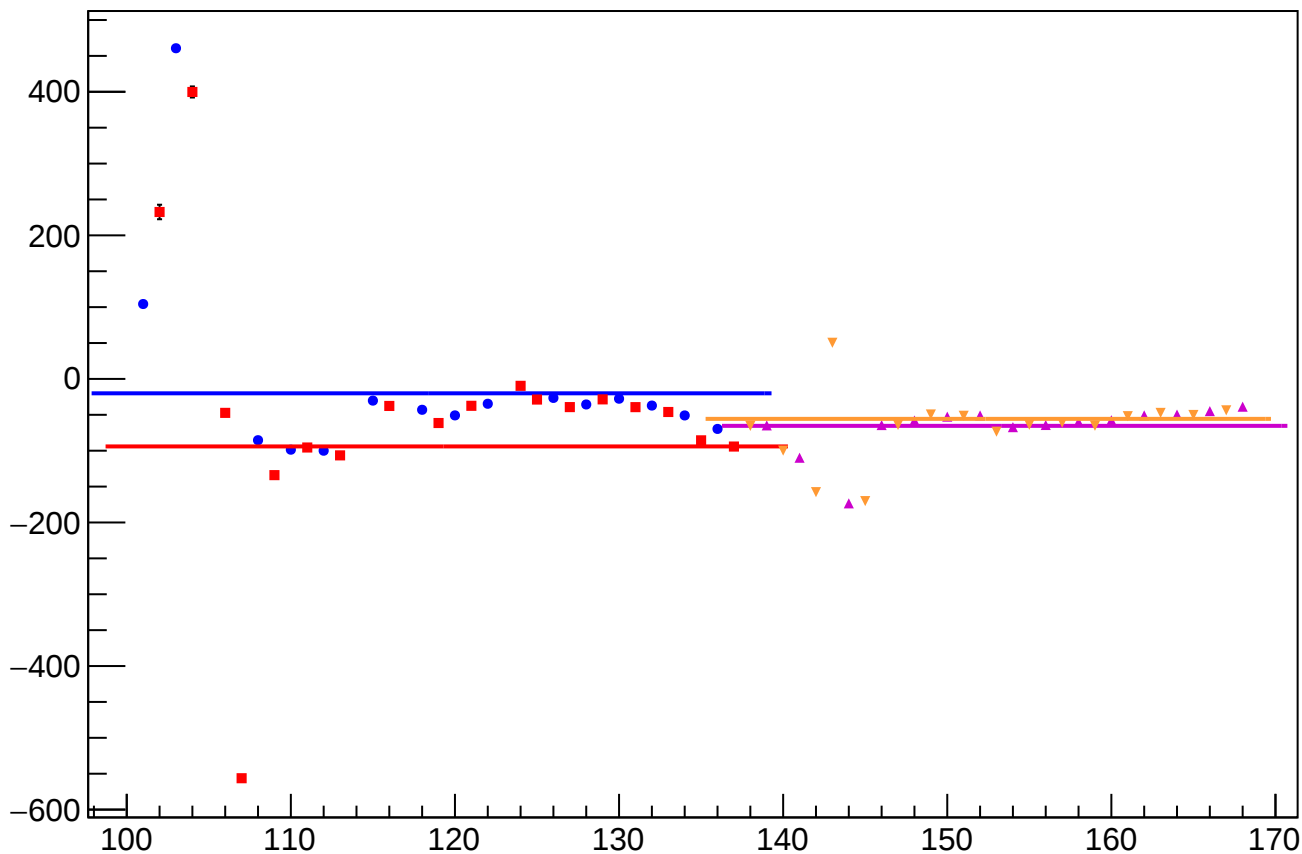
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.608 $\pm$ 0.009 χ^2 /NDF:89103.0/29

Out: 12.916 $\pm$ 0.009 χ^2 /NDF:197576.0/33

All: 12.776 $\pm$ 0.006 χ^2 /NDF: 287274.1/63

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -55.648 ± 0.107 $\chi^2/\text{NDF}: 49956.9/15$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -65.385 ± 0.136 $\chi^2/\text{NDF}: 41730.6/14$

Left: -59.380 ± 0.084 $\chi^2/\text{NDF}: 94860.2/30$

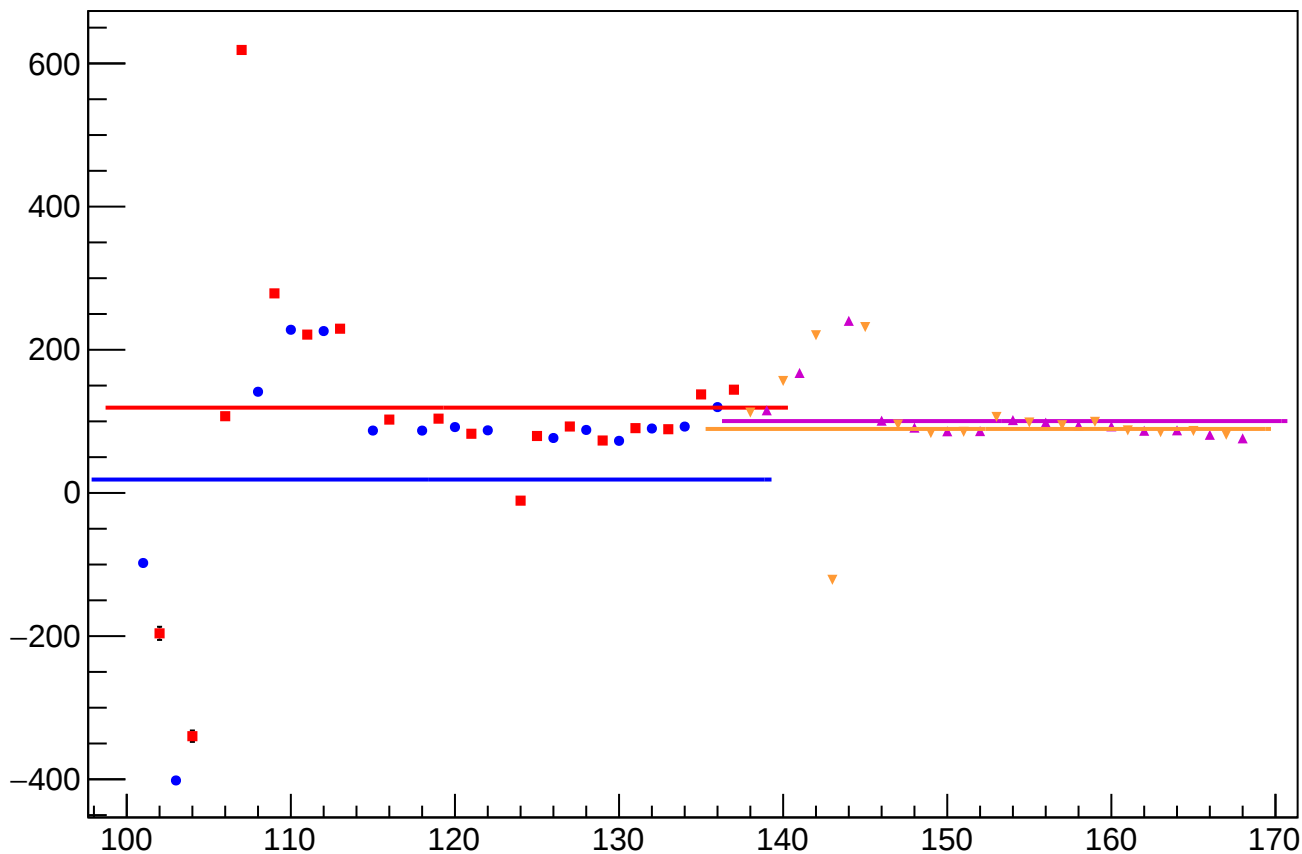
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.440 ± 0.102 $\chi^2/\text{NDF}: 532244.2/29$

Out: -93.539 ± 0.012 $\chi^2/\text{NDF}: 264506.3/33$

All: -92.838 ± 0.012 $\chi^2/\text{NDF}: 1017648.6/63$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 89.420 ± 0.095 $\chi^2/\text{NDF}: 169182.7/15$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 100.397 ± 0.117 $\chi^2/\text{NDF}: 63037.2/14$

Left: 93.752 ± 0.074 $\chi^2/\text{NDF}: 237544.5/30$

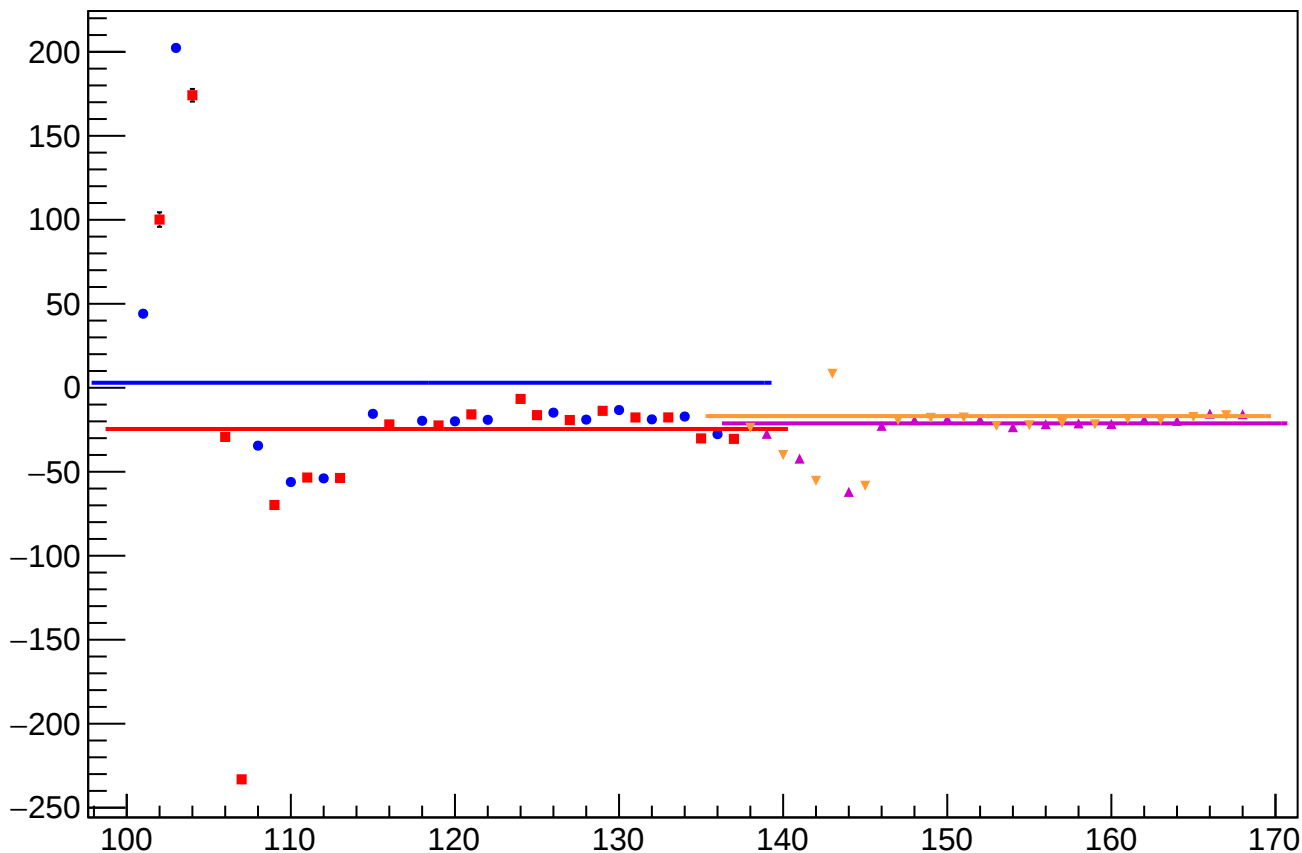
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 70.018 ± 0.093 $\chi^2/\text{NDF}: 1345944.4/29$

Out: 94.883 ± 0.085 $\chi^2/\text{NDF}: 274828.2/33$

All: 83.477 ± 0.063 $\chi^2/\text{NDF}: 1659670.6/63$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.868 ± 0.014 χ^2/NDF : 570131.0/15

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -21.187 ± 0.016 χ^2/NDF : 132165.4/14

Left: -18.721 ± 0.011 χ^2/NDF : 741693.5/30

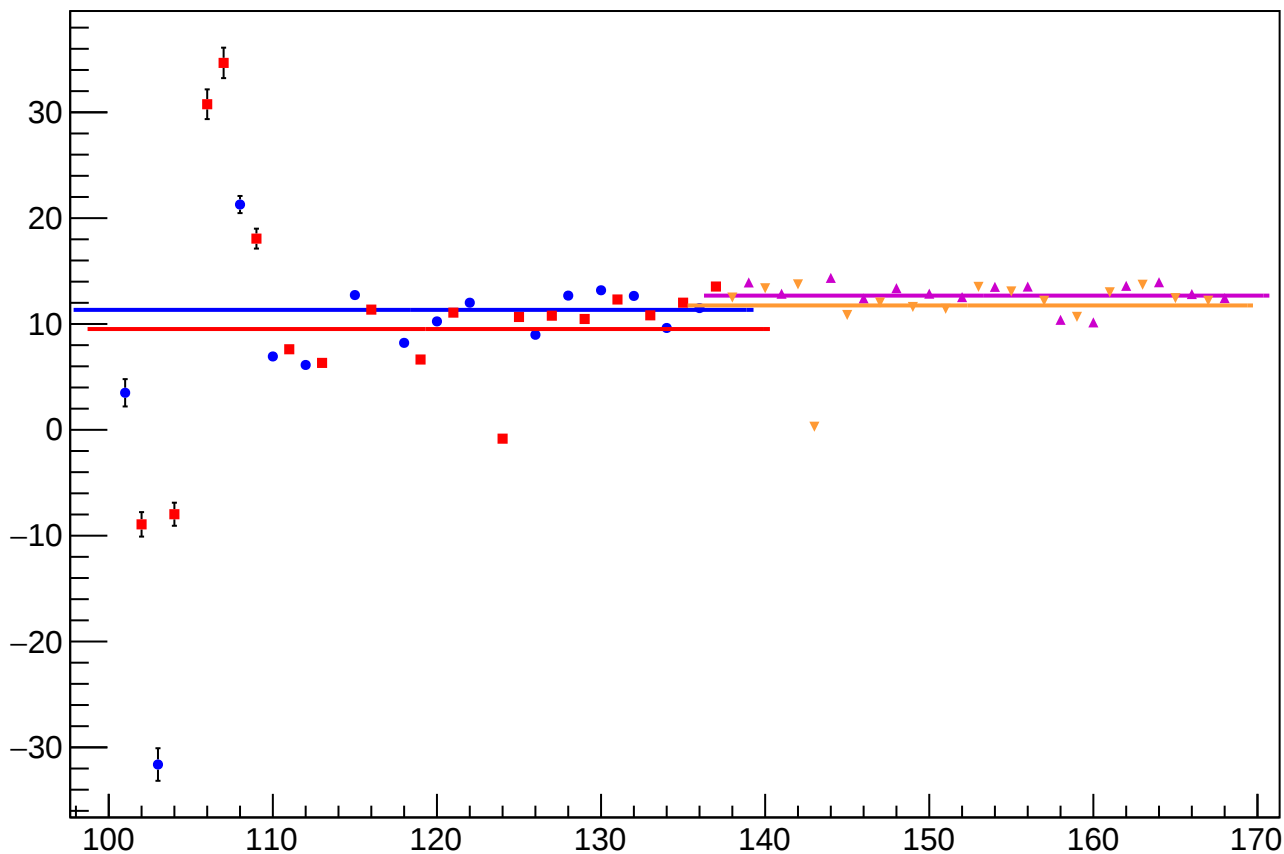
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.604 ± 0.014 χ^2/NDF : 4217438.7/29

Out: -17.607 ± 0.014 χ^2/NDF : 774511.1/33

All: -16.158 ± 0.010 χ^2/NDF : 5015656.8/63

dit_atl1_4aY_slope vs Slug, Sign Corrected



Left: 12.285 ± 0.011 $\chi^2/\text{NDF}: 36945.0/30$

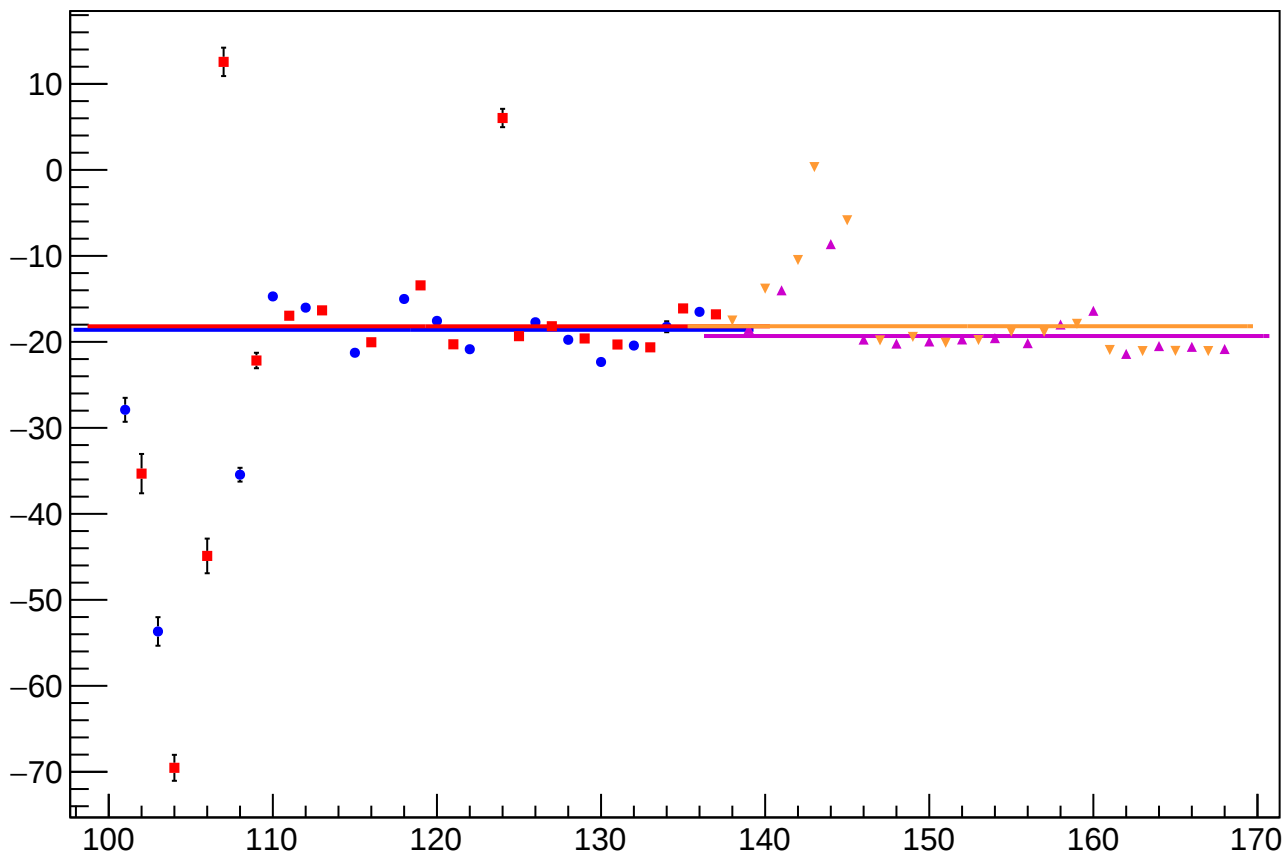
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.499 ± 0.014 $\chi^2/\text{NDF}: 8500.0/29$

Out: 11.500 ± 0.016 $\chi^2/\text{NDF}: 36266.8/33$

All: 12.079 ± 0.010 $\chi^2/\text{NDF}: 46984.6/63$

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -18.179 ± 0.020 χ^2/NDF : 50055.6/15

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.319 ± 0.019 χ^2/NDF : 9498.1/14

Left: -18.790 ± 0.014 χ^2/NDF : 61313.9/30

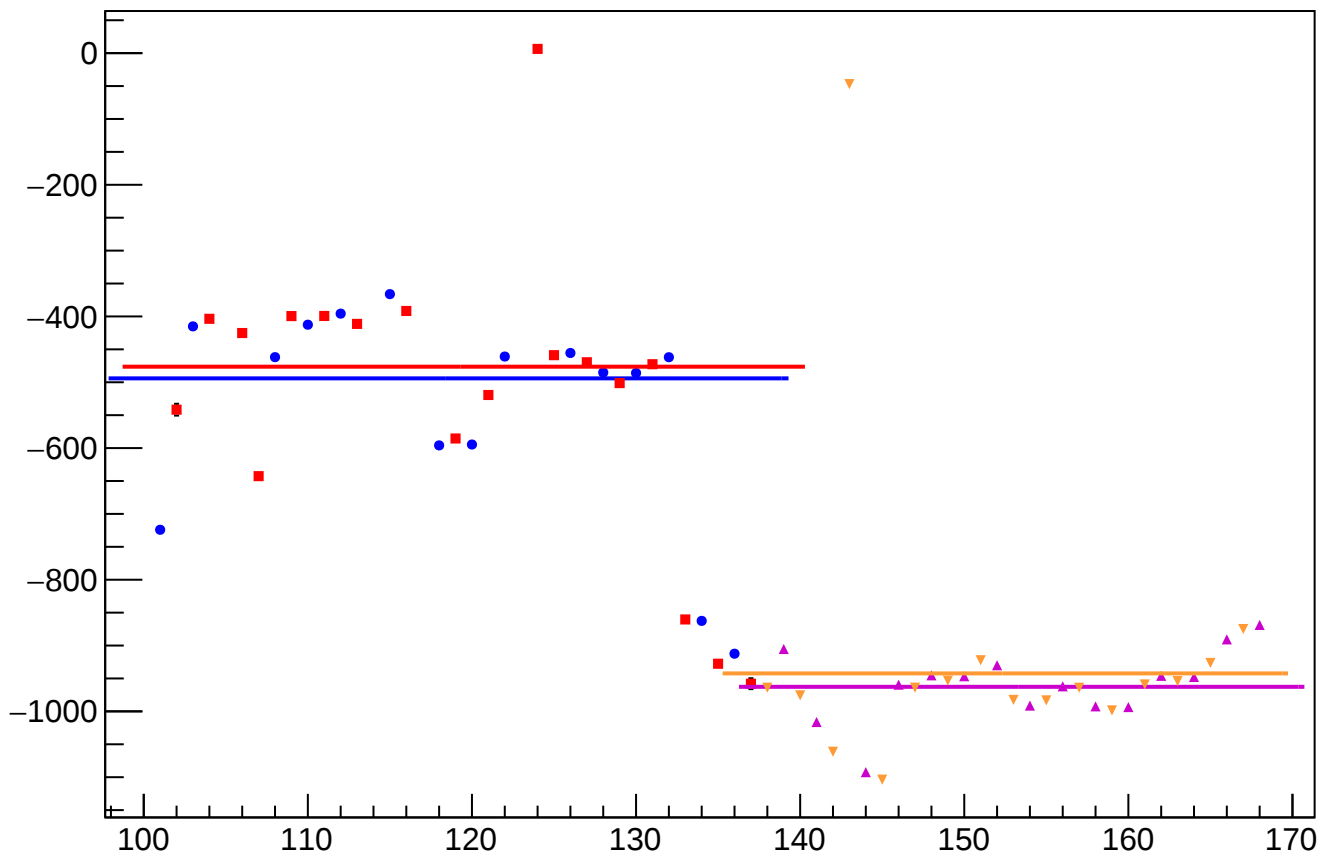
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.175 ± 0.017 χ^2/NDF : 15989.7/29

Out: -18.180 ± 0.018 χ^2/NDF : 54936.7/33

All: -18.731 ± 0.012 χ^2/NDF : 72536.1/63

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 χ^2/NDF : 325996.5/14

Left Out: -942.301 ± 0.187 χ^2/NDF : 342644.1/15

Right Out: -476.348 ± 0.185 χ^2/NDF : 594116.3/17

Left In: -962.701 ± 0.186 χ^2/NDF : 52178.6/14

Left: -952.577 ± 0.132 χ^2/NDF : 400802.1/30

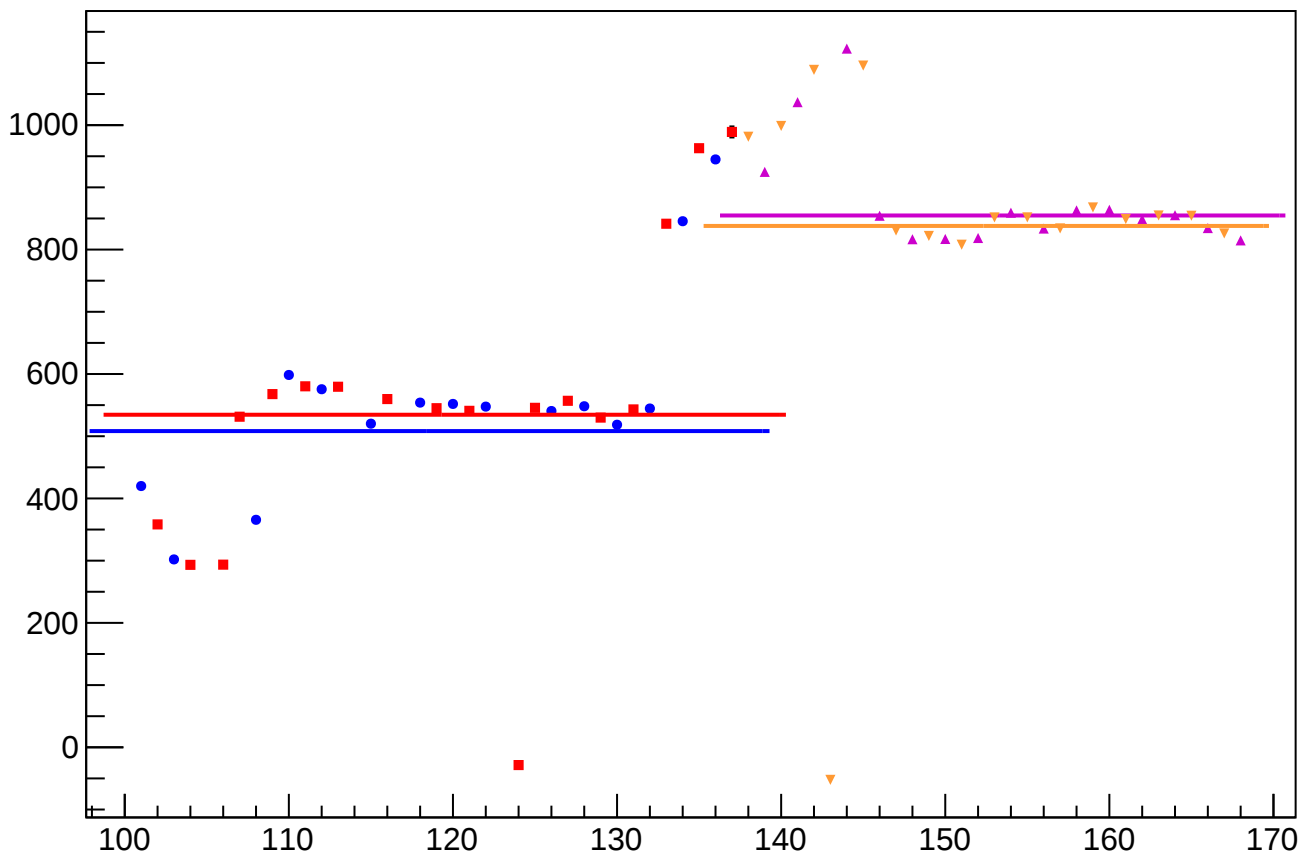
Right: -483.243 ± 0.145 χ^2/NDF : 923680.3/32

In: -779.614 ± 0.145 χ^2/NDF : 2862072.4/29

Out: -706.668 ± 0.132 χ^2/NDF : 4068092.9/33

All: -739.610 ± 0.097 χ^2/NDF : 7068812.9/63

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 837.996+/-0.152 χ^2/NDF : 415854.3/15

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 854.798+/-0.151 χ^2/NDF : 92964.0/14

Left: 846.426+/-0.107 χ^2/NDF : 514957.0/30

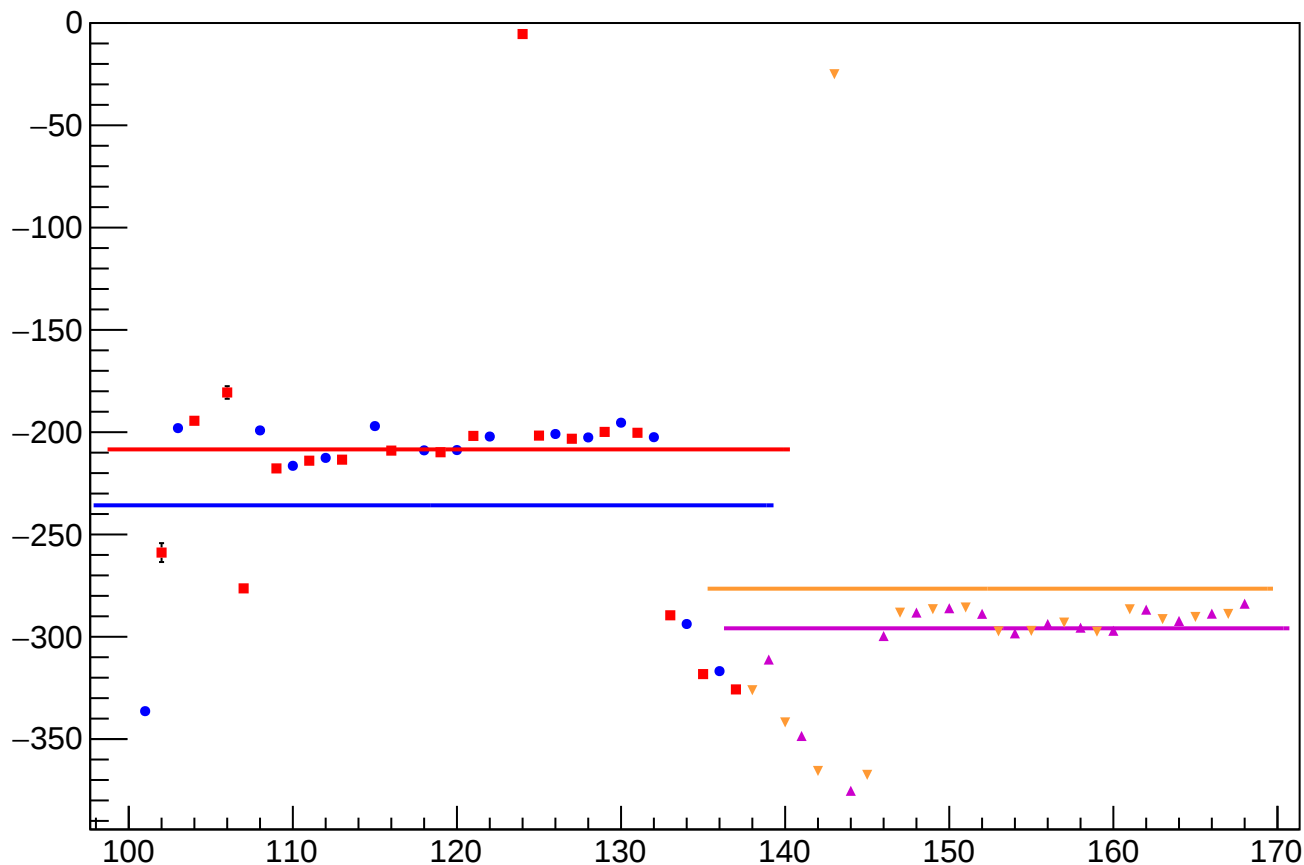
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 744.586+/-0.125 χ^2/NDF : 2199039.6/29

Out: 738.312+/-0.124 χ^2/NDF : 2095228.8/33

All: 741.435+/-0.088 χ^2/NDF : 4295533.3/63

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -276.492 ± 0.026 $\chi^2/\text{NDF}: 6360281.5/15$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -295.863 ± 0.027 $\chi^2/\text{NDF}: 256389.6/14$

Left: -285.951 ± 0.019 $\chi^2/\text{NDF}: 6888995.0/30$

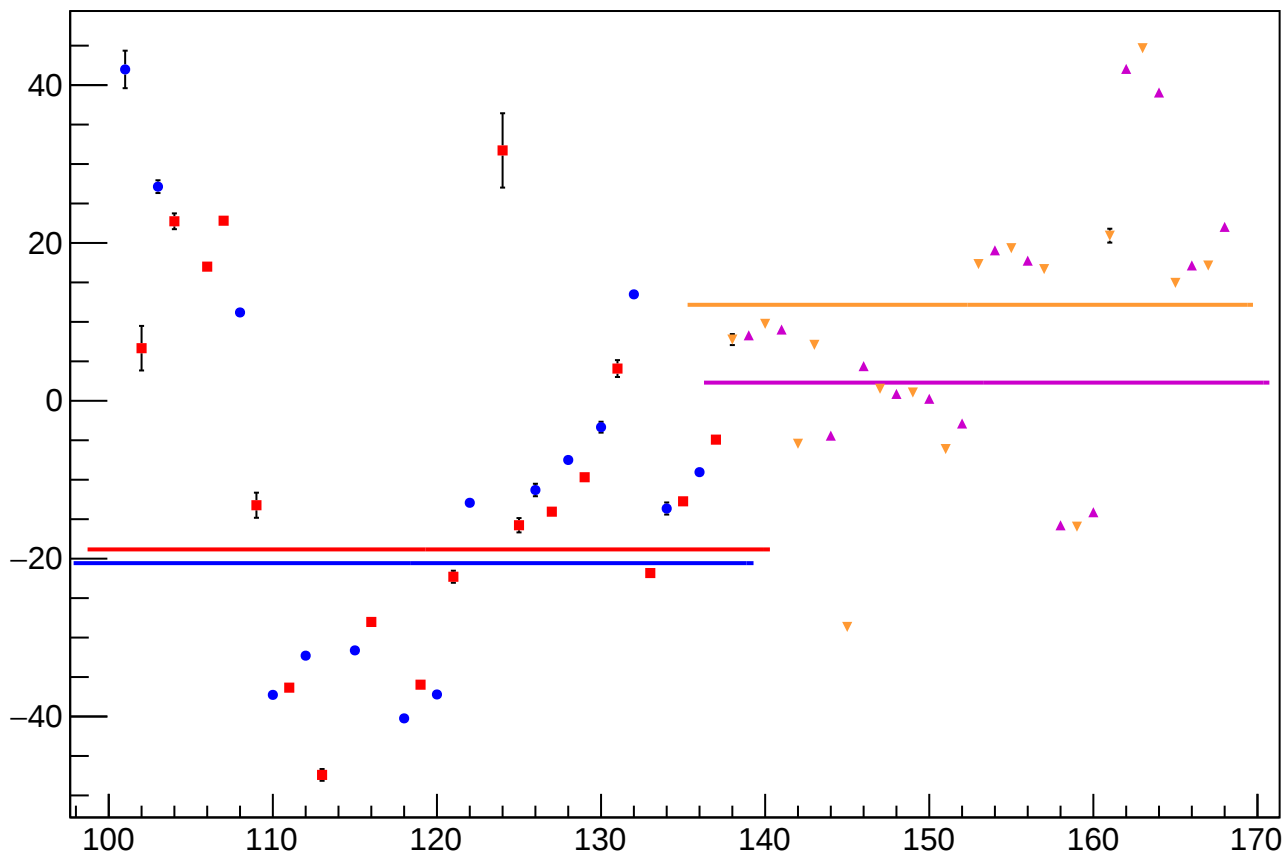
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -284.574 ± 0.024 $\chi^2/\text{NDF}: 2095072.4/29$

Out: -260.465 ± 0.023 $\chi^2/\text{NDF}: 8357045.0/33$

All: -271.874 ± 0.016 $\chi^2/\text{NDF}: 10986824.1/6$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 12.164 ± 0.027 $\chi^2/\text{NDF}: 433121.0/15$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 2.304 ± 0.022 $\chi^2/\text{NDF}: 644137.4/14$

Left: 6.144 ± 0.017 $\chi^2/\text{NDF}: 1157644.2/30$

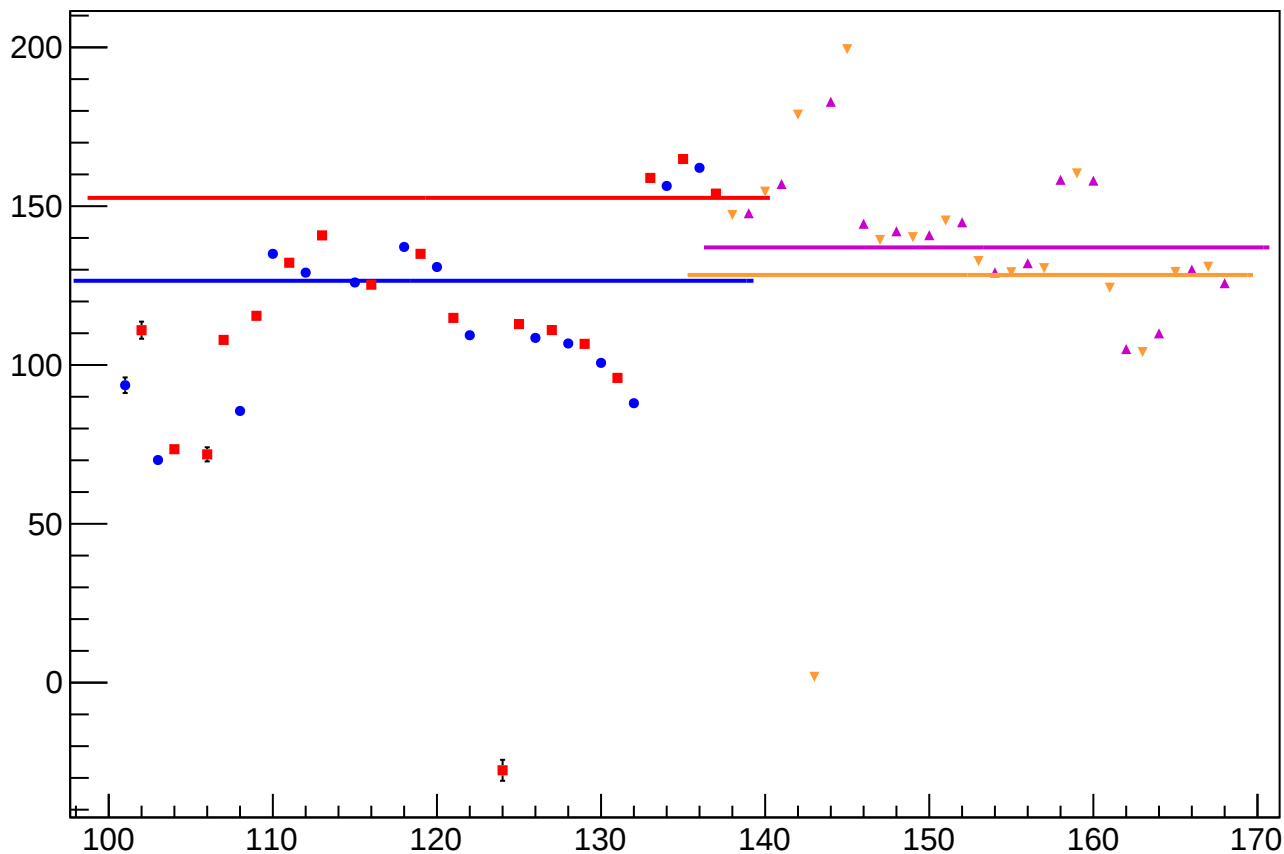
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: 0.366 ± 0.021 $\chi^2/\text{NDF}: 801635.7/29$

Out: 10.319 ± 0.026 $\chi^2/\text{NDF}: 531425.1/33$

All: 4.178 ± 0.016 $\chi^2/\text{NDF}: 1421063.6/63$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 128.352 $\pm$ 0.033 χ^2 /NDF:602687.6/15

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 137.015 $\pm$ 0.029 χ^2 /NDF:358124.7/14

Left: 133.291 $\pm$ 0.022 χ^2 /NDF: 999076.2/30

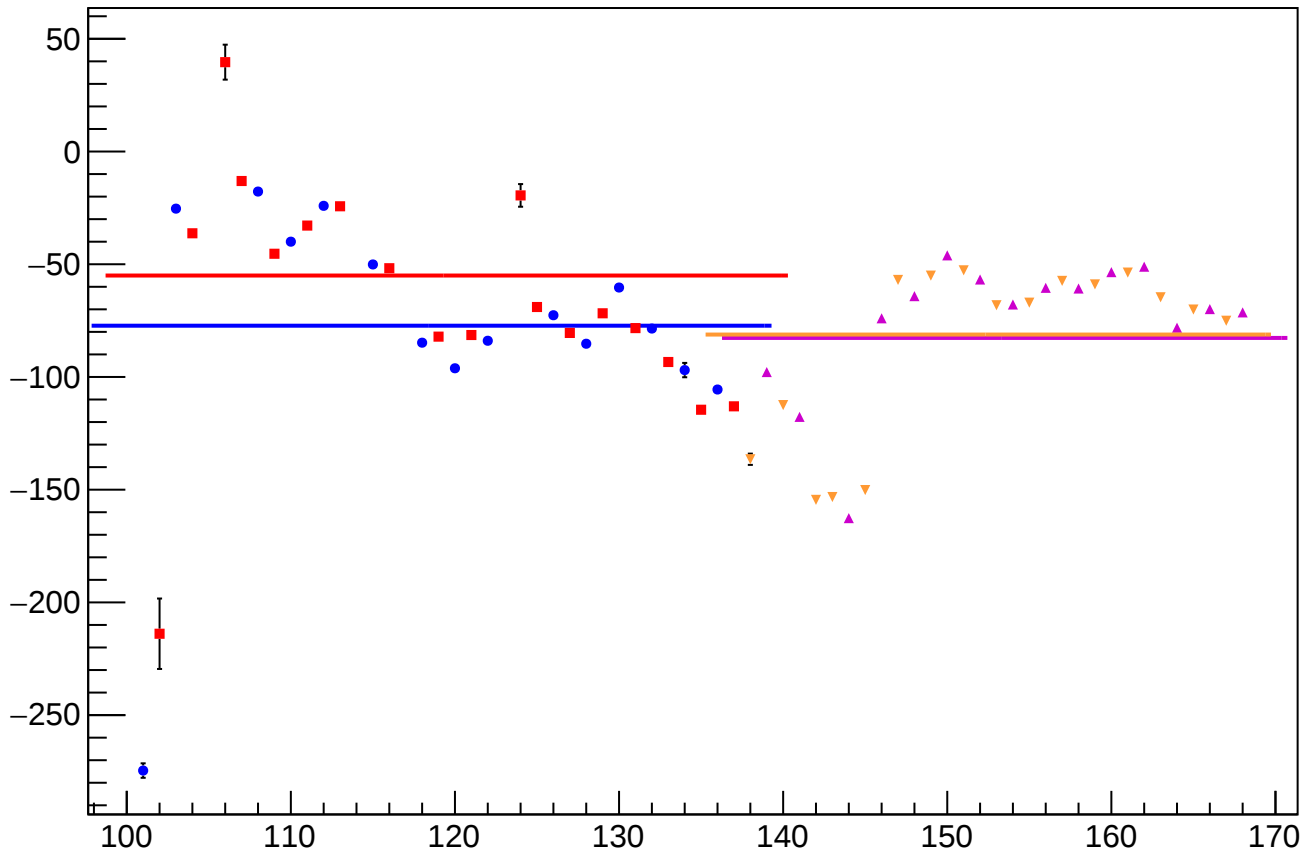
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.895 $\pm$ 0.027 χ^2 /NDF:487043.7/29

Out: 141.657 $\pm$ 0.022 χ^2 /NDF:965493.3/33

All: 139.344 $\pm$ 0.017 χ^2 /NDF: 1478935.1/63

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -81.190 ± 0.145 $\chi^2/\text{NDF}: 57055.1/15$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -82.684 ± 0.145 $\chi^2/\text{NDF}: 57901.6/14$

Left: -81.934 ± 0.102 $\chi^2/\text{NDF}: 115009.9/30$

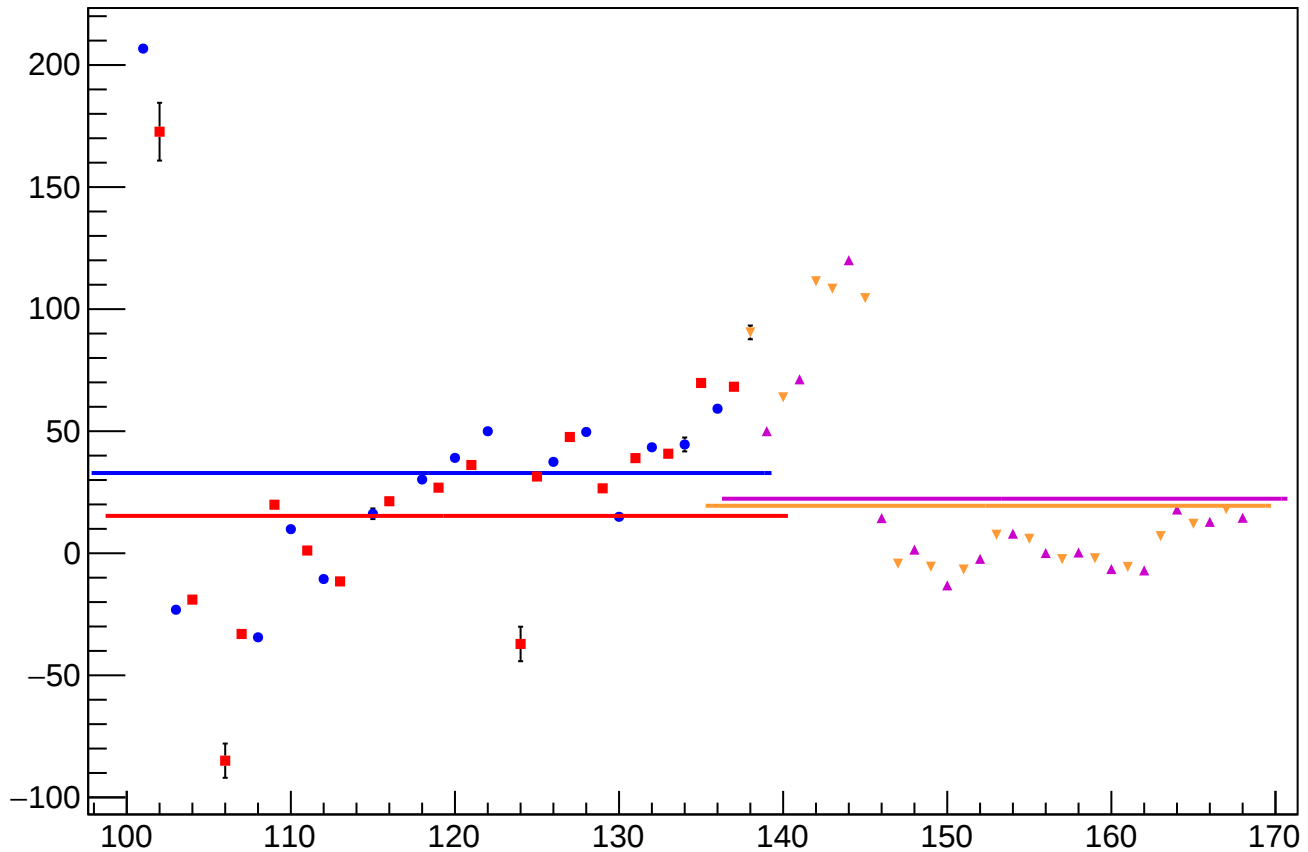
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -79.995 ± 0.103 $\chi^2/\text{NDF}: 88949.3/29$

Out: -71.597 ± 0.115 $\chi^2/\text{NDF}: 92685.7/33$

All: -76.258 ± 0.077 $\chi^2/\text{NDF}: 184586.8/63$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 19.457 ± 0.126 $\chi^2/\text{NDF}: 89026.0/15$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 22.338 ± 0.128 $\chi^2/\text{NDF}: 86782.9/14$

Left: 20.869 ± 0.090 $\chi^2/\text{NDF}: 176067.2/30$

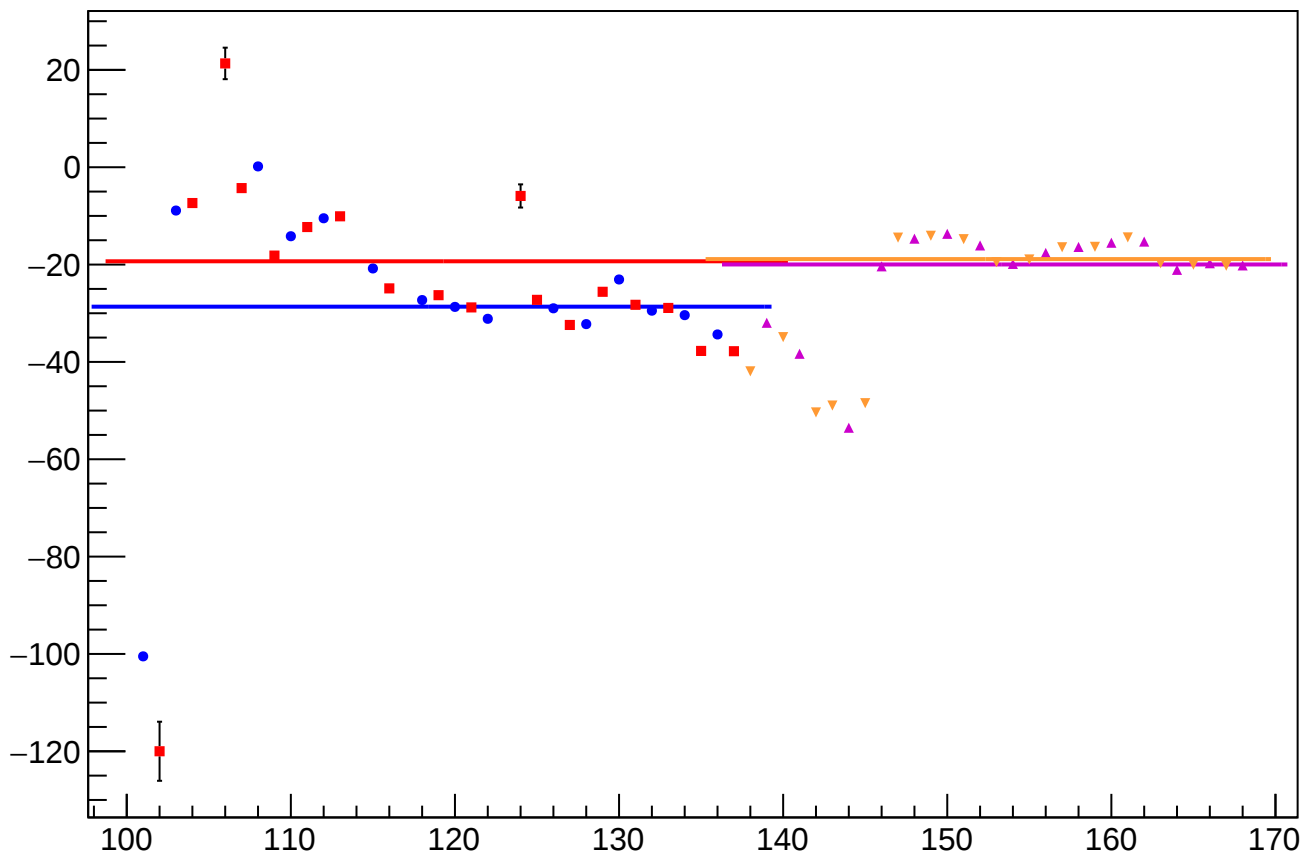
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 26.914 ± 0.096 $\chi^2/\text{NDF}: 121117.7/29$

Out: 18.363 ± 0.108 $\chi^2/\text{NDF}: 106060.1/33$

All: 23.117 ± 0.072 $\chi^2/\text{NDF}: 230682.7/63$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648±/0.034 χ^2/NDF : 113441.9/14

Left Out: -18.871±/0.016 χ^2/NDF : 223775.9/15

Right Out: -19.325±/0.039 χ^2/NDF : 56579.1/17

Left In: -19.977±/0.017 χ^2/NDF : 193147.7/14

Left: -19.395±/0.012 χ^2/NDF : 419086.1/30

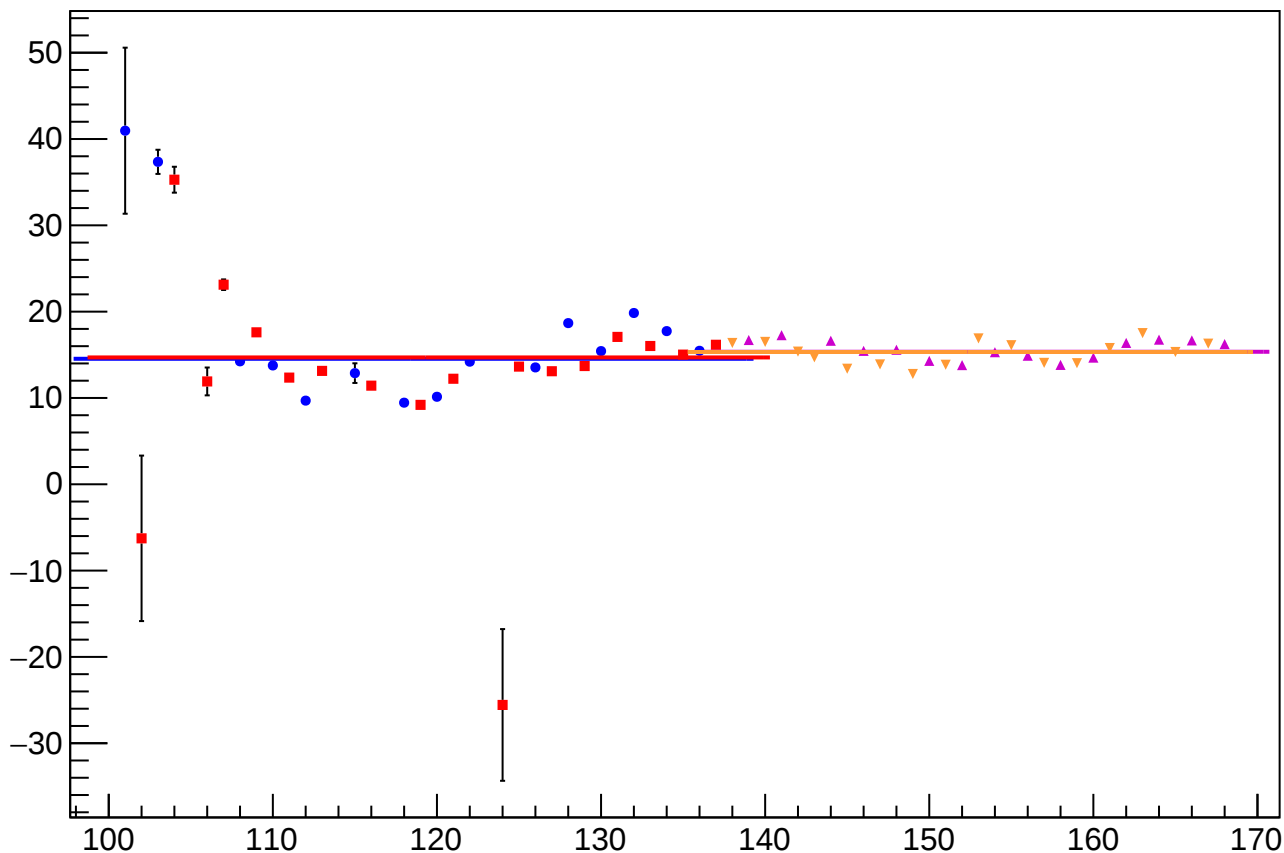
Right: -24.627±/0.026 χ^2/NDF : 201944.0/32

In: -21.732±/0.015 χ^2/NDF : 357658.1/29

Out: -18.938±/0.015 χ^2/NDF : 280468.0/33

All: -20.307±/0.011 χ^2/NDF : 654879.6/63

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.326+/-0.016 χ^2/NDF : 6645.1/15

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.352+/-0.016 χ^2/NDF : 4628.3/14

Left: 15.339+/-0.011 χ^2/NDF : 11274.7/30

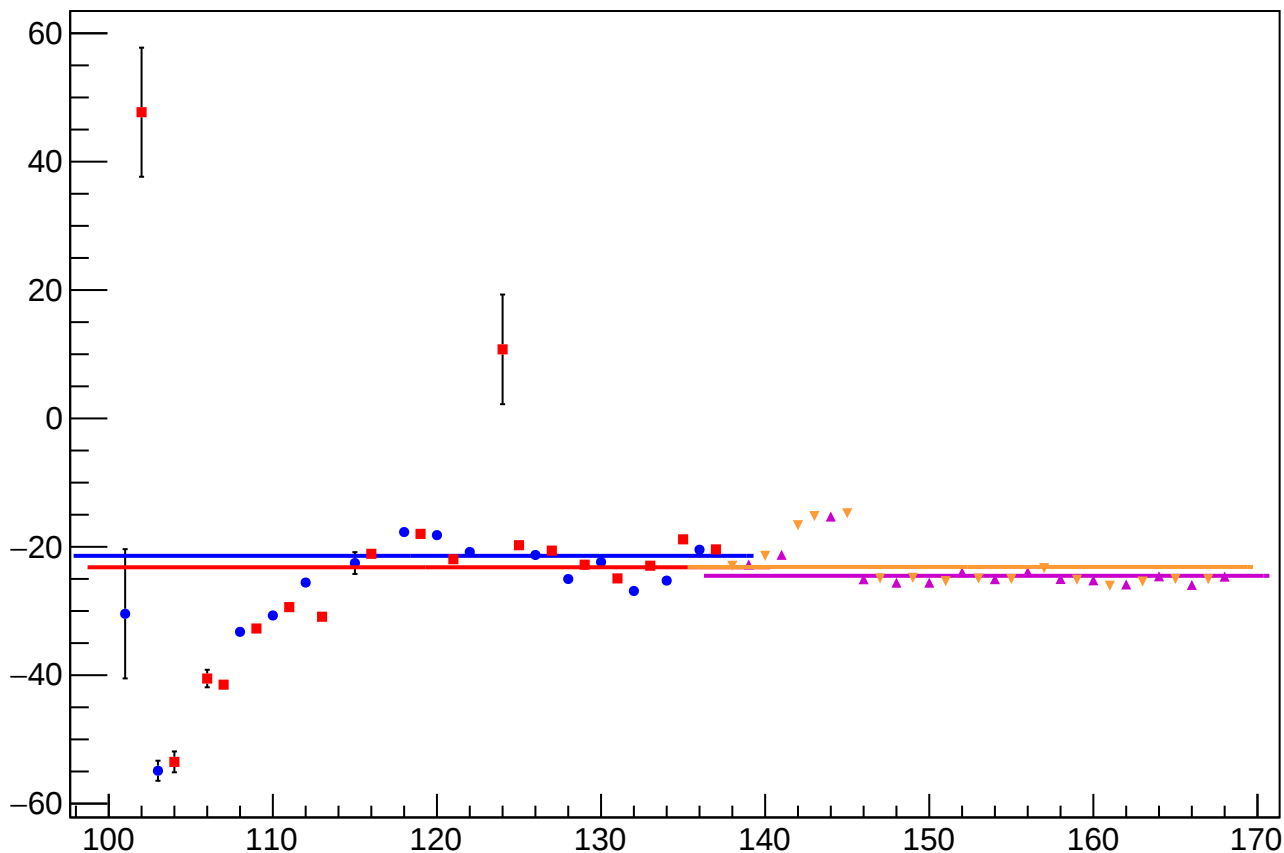
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.168+/-0.014 χ^2/NDF : 17275.7/29

Out: 15.249+/-0.015 χ^2/NDF : 8462.7/33

All: 15.206+/-0.010 χ^2/NDF : 25753.5/63

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.138 ± 0.021 $\chi^2/\text{NDF}: 30103.9/15$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.515 ± 0.019 $\chi^2/\text{NDF}: 7953.3/14$

Left: -23.886 ± 0.014 $\chi^2/\text{NDF}: 40438.3/30$

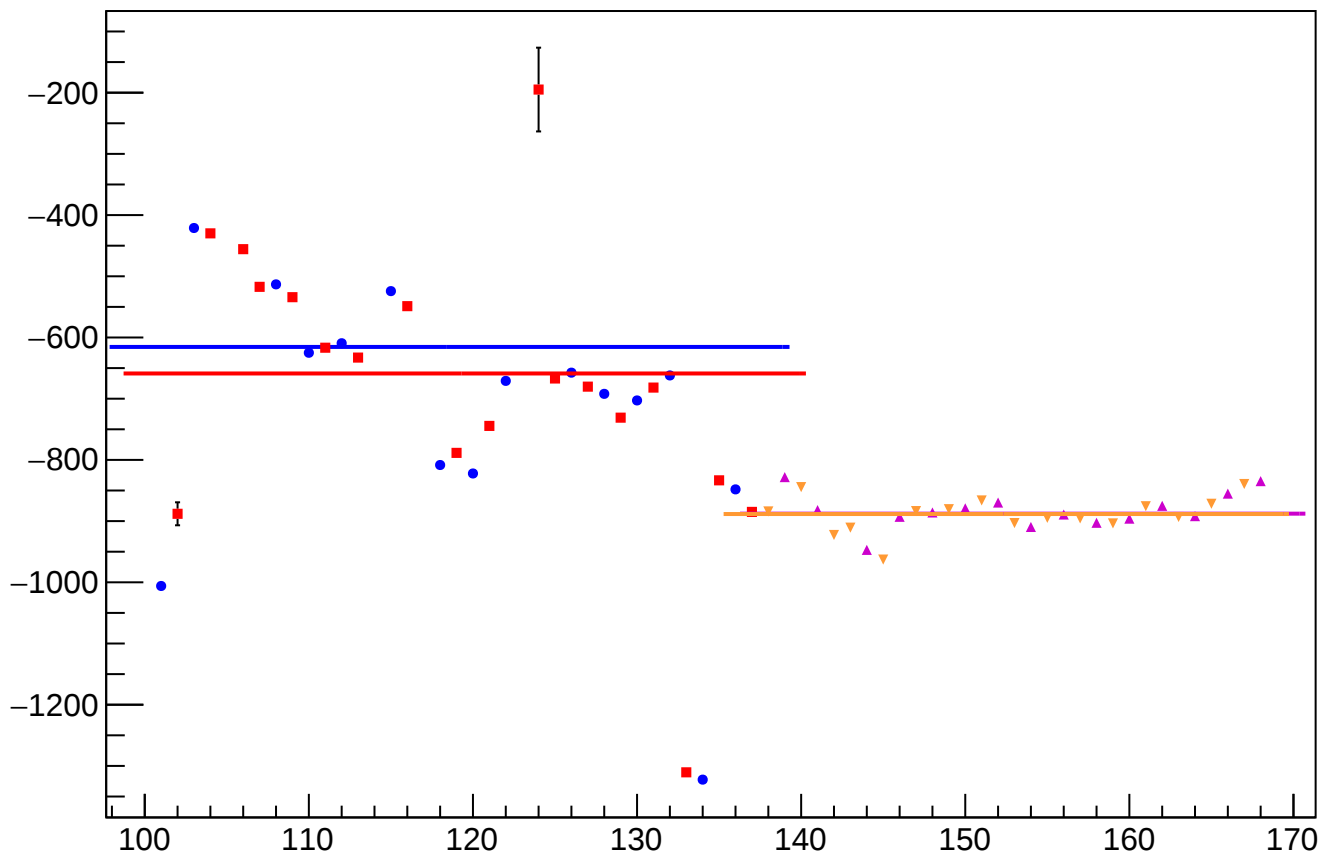
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.820 ± 0.017 $\chi^2/\text{NDF}: 23572.6/29$

Out: -23.145 ± 0.019 $\chi^2/\text{NDF}: 39231.5/33$

All: -23.528 ± 0.013 $\chi^2/\text{NDF}: 63502.4/63$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -888.435 ± 0.165 $\chi^2/\text{NDF}: 18809.1/15$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -887.838 ± 0.147 $\chi^2/\text{NDF}: 20016.7/14$

Left: -888.103 ± 0.109 $\chi^2/\text{NDF}: 38833.2/30$

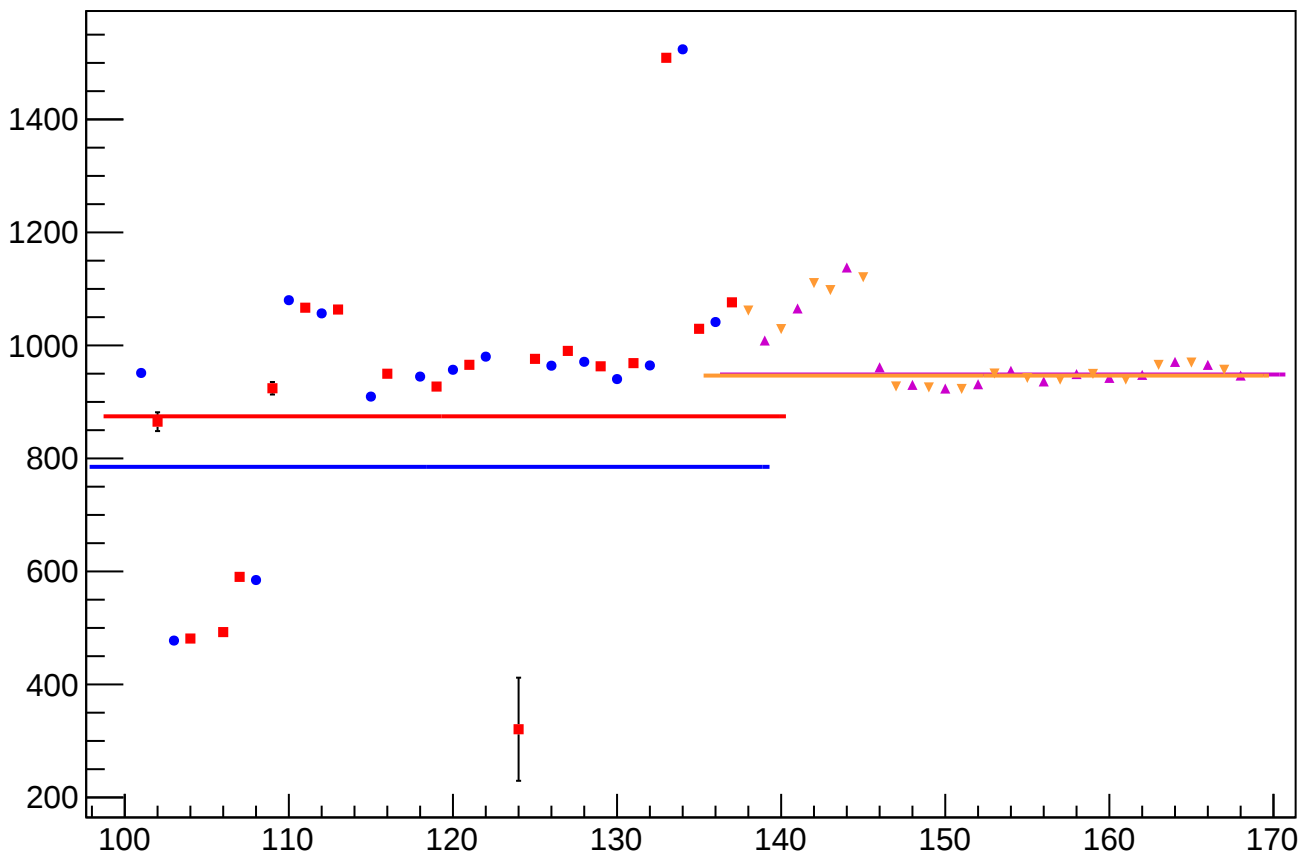
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -812.679 ± 0.125 $\chi^2/\text{NDF}: 1354702.8/29$

Out: -821.424 ± 0.138 $\chi^2/\text{NDF}: 972661.8/33$

All: -816.600 ± 0.093 $\chi^2/\text{NDF}: 2329566.0/63$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 946.629 $\pm$ 0.134 χ^2 /NDF: 70282.9/15

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 948.531 $\pm$ 0.120 χ^2 /NDF: 75234.0/14

Left: 947.683 $\pm$ 0.090 χ^2 /NDF: 145628.5/30

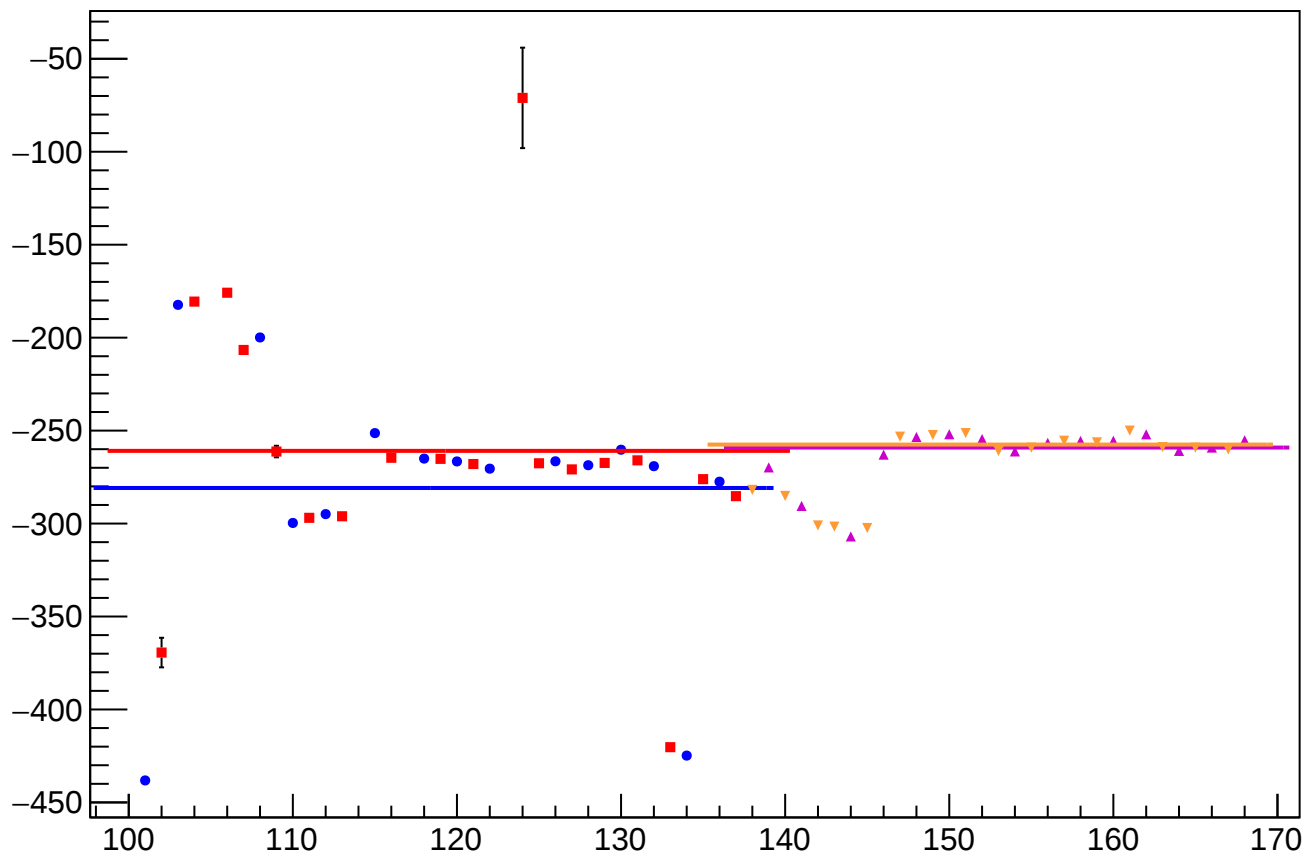
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 912.986 $\pm$ 0.106 χ^2 /NDF: 1363328.4/29

Out: 931.592 $\pm$ 0.119 χ^2 /NDF: 973149.0/33

All: 921.225 $\pm$ 0.079 χ^2 /NDF: 2350032.0/63

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.515 ± 0.022 $\chi^2/\text{NDF}: 169074.1/15$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.128 ± 0.021 $\chi^2/\text{NDF}: 188125.5/14$

Left: -258.346 ± 0.015 $\chi^2/\text{NDF}: 359972.1/30$

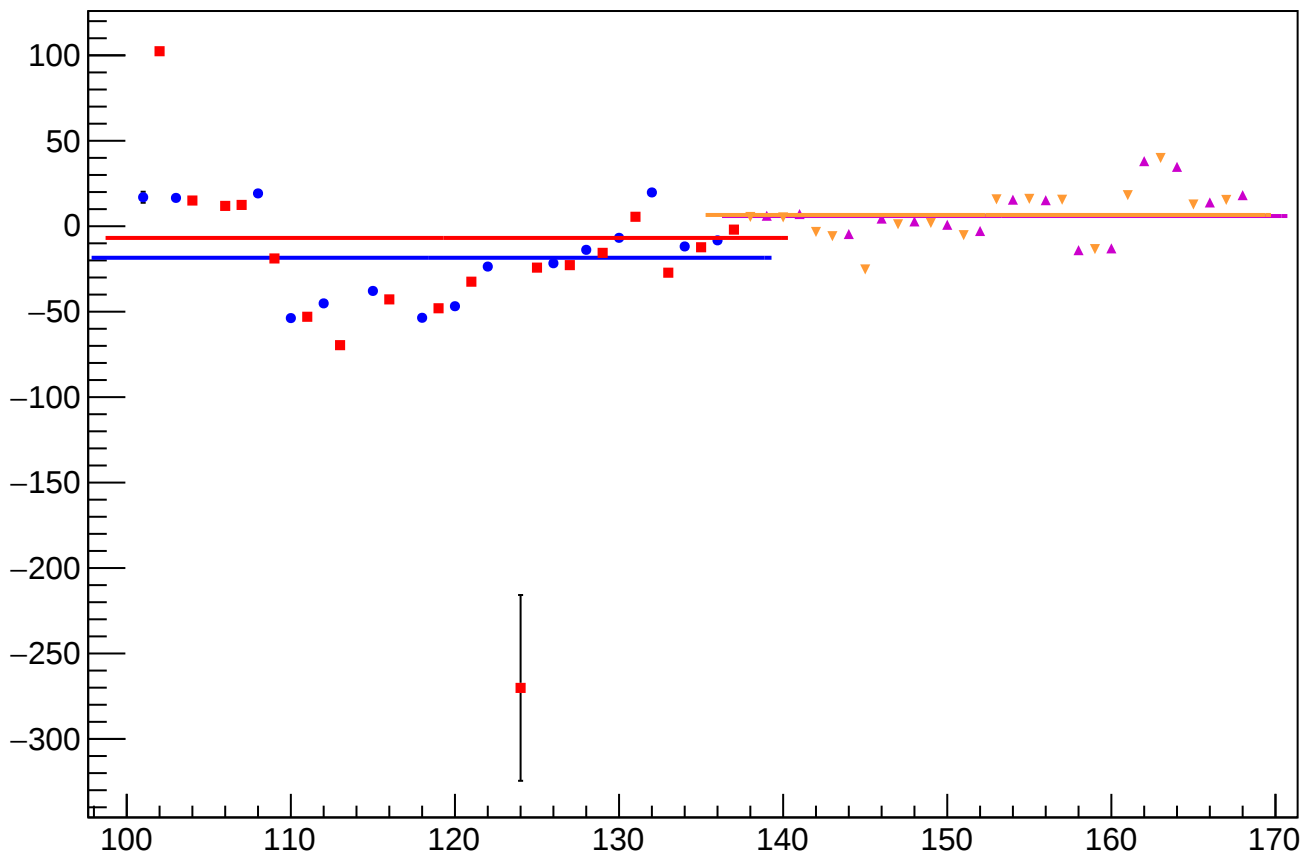
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.676 ± 0.020 $\chi^2/\text{NDF}: 1183375.4/29$

Out: -257.839 ± 0.021 $\chi^2/\text{NDF}: 519057.9/33$

All: -259.839 ± 0.014 $\chi^2/\text{NDF}: 1719984.5/63$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 6.600 ± 0.025 $\chi^2/\text{NDF}: 337754.2/15$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.972 ± 0.021 $\chi^2/\text{NDF}: 413212.6/14$

Left: 6.236 ± 0.016 $\chi^2/\text{NDF}: 751330.0/30$

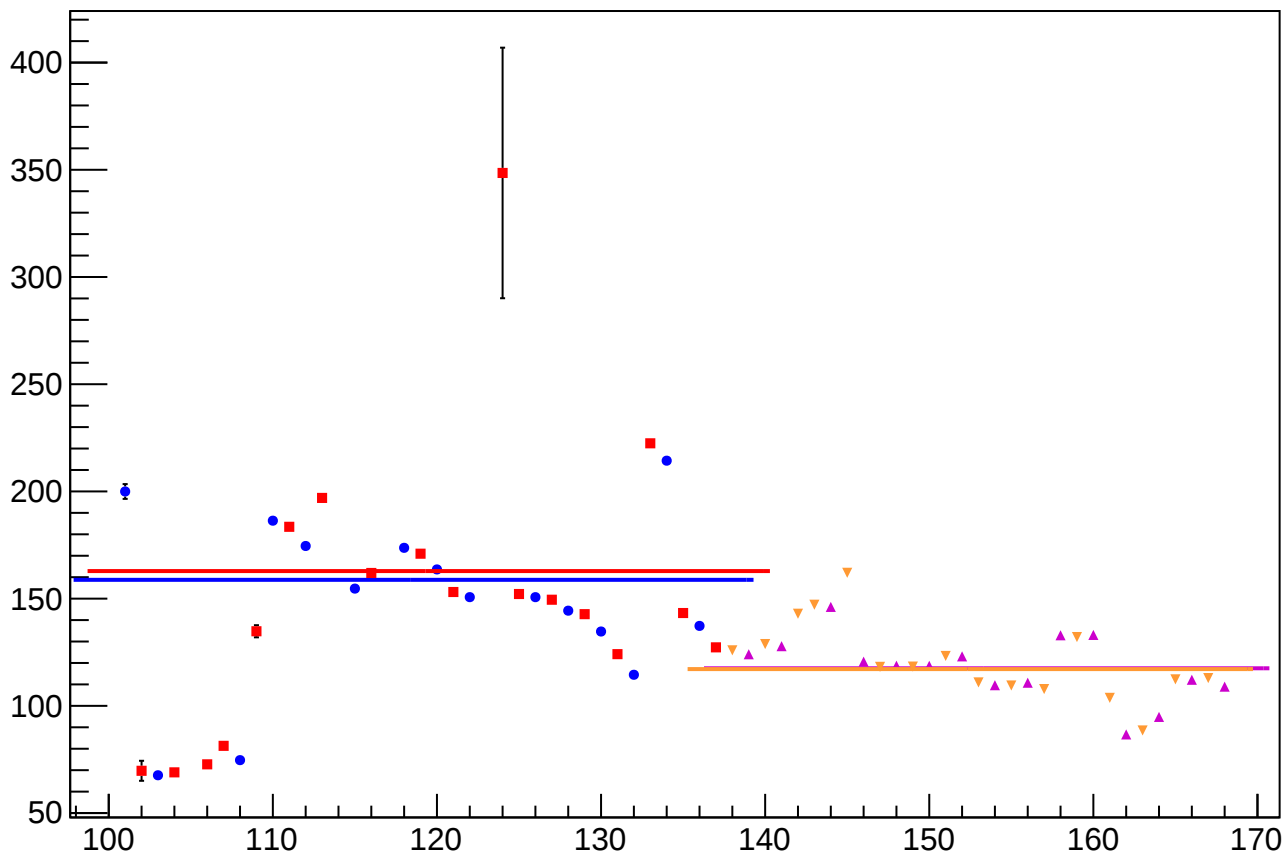
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.702 ± 0.021 $\chi^2/\text{NDF}: 527670.4/29$

Out: 4.838 ± 0.023 $\chi^2/\text{NDF}: 425435.0/33$

All: 4.762 ± 0.016 $\chi^2/\text{NDF}: 953124.2/63$

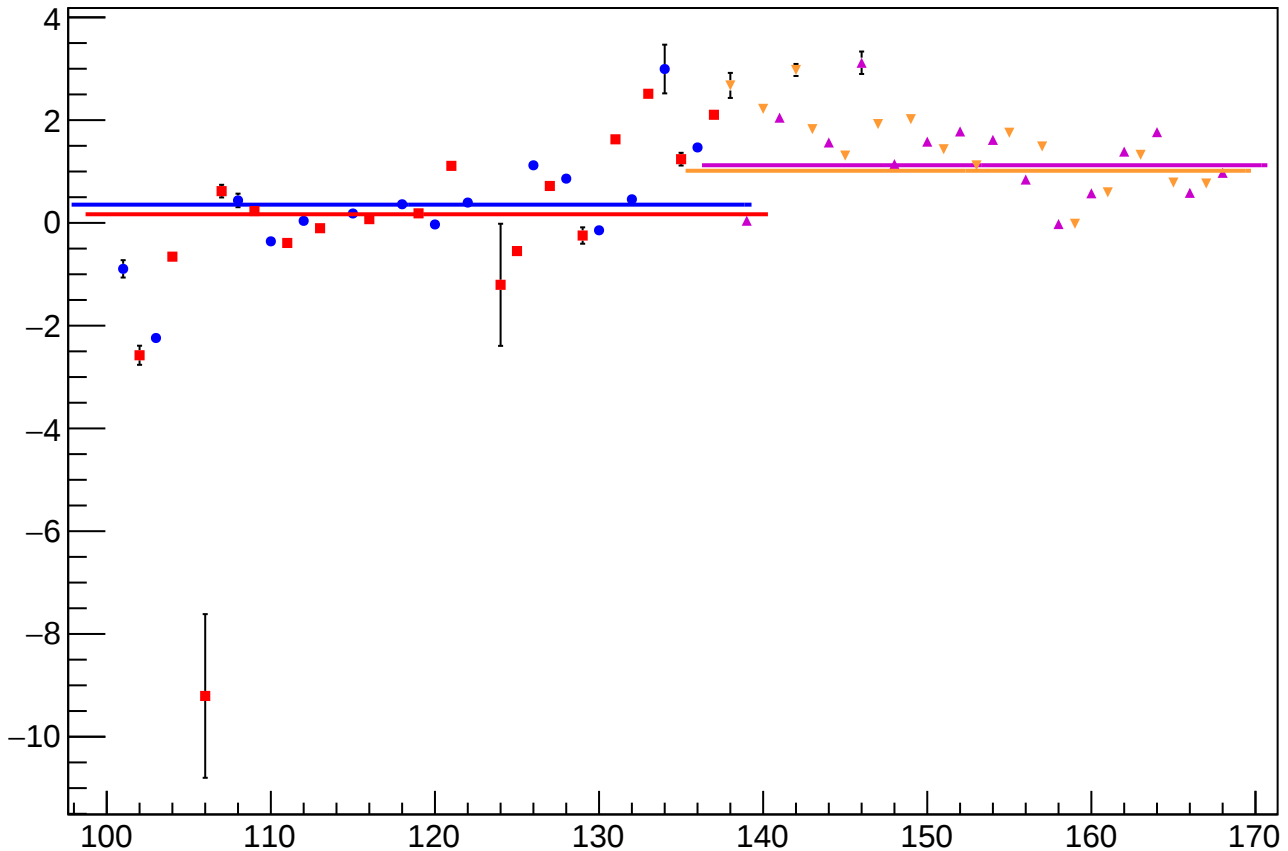
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 117.146 $\pm$ 0.030 χ^2/NDF :189776.3/15
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 117.518 $\pm$ 0.027 χ^2/NDF :262393.5/14

Left: 117.350 $\pm$ 0.020 χ^2/NDF : 452257.1/30
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 120.993 $\pm$ 0.026 χ^2/NDF :621258.8/29
 Out: 121.314 $\pm$ 0.028 χ^2/NDF :564251.9/33
 All: 121.138 $\pm$ 0.019 χ^2/NDF : 1185581.6/63

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.015 ± 0.010 χ^2/NDF : 5109.9/15

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.122 ± 0.008 χ^2/NDF : 6428.7/14

Left: 1.078 ± 0.006 χ^2/NDF : 11611.1/30

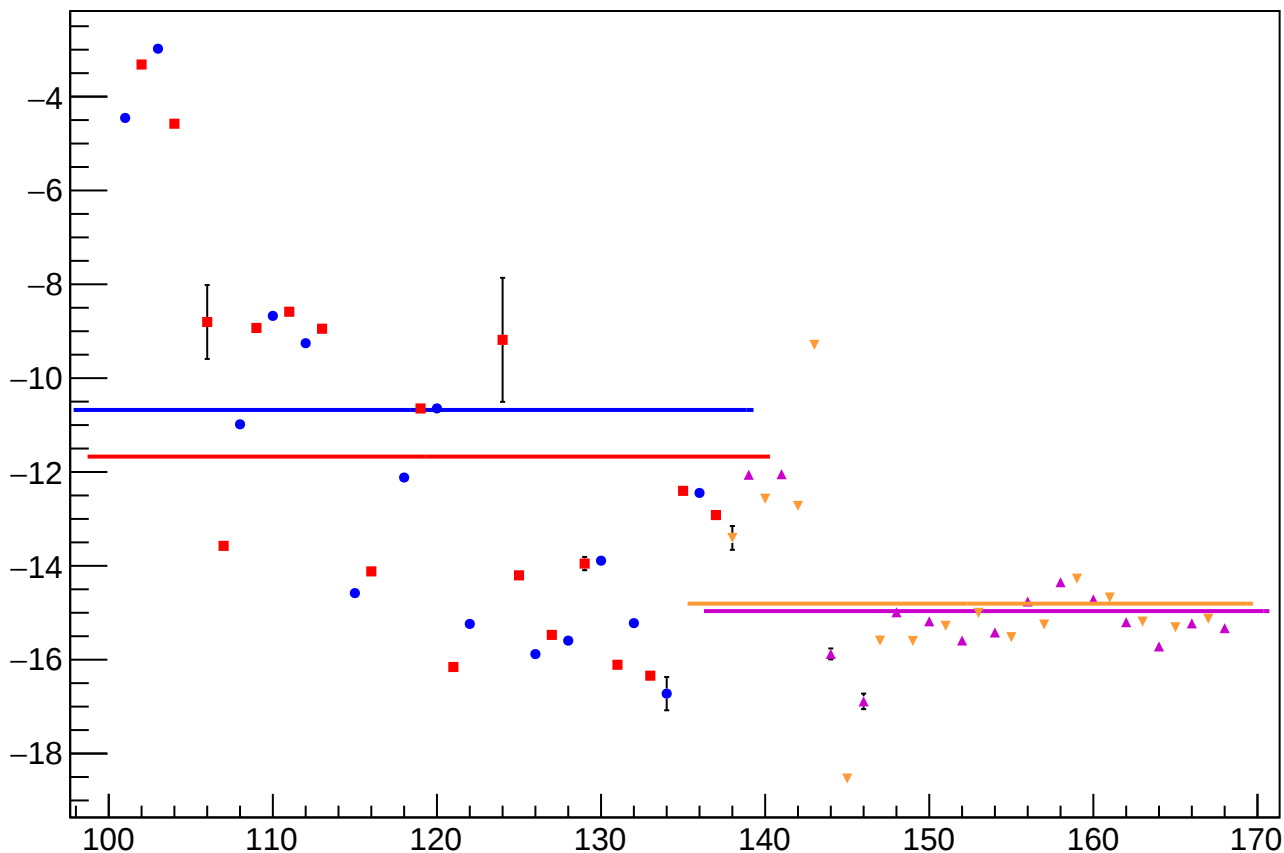
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.874 ± 0.007 χ^2/NDF : 13321.1/29

Out: 0.494 ± 0.006 χ^2/NDF : 14428.6/33

All: 0.664 ± 0.004 χ^2/NDF : 29544.0/63

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.805 $\pm$ 0.008 χ^2/NDF :30580.0/15

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -14.964 $\pm$ 0.007 χ^2/NDF :12329.6/14

Left: -14.892 $\pm$ 0.005 χ^2/NDF : 43138.3/30

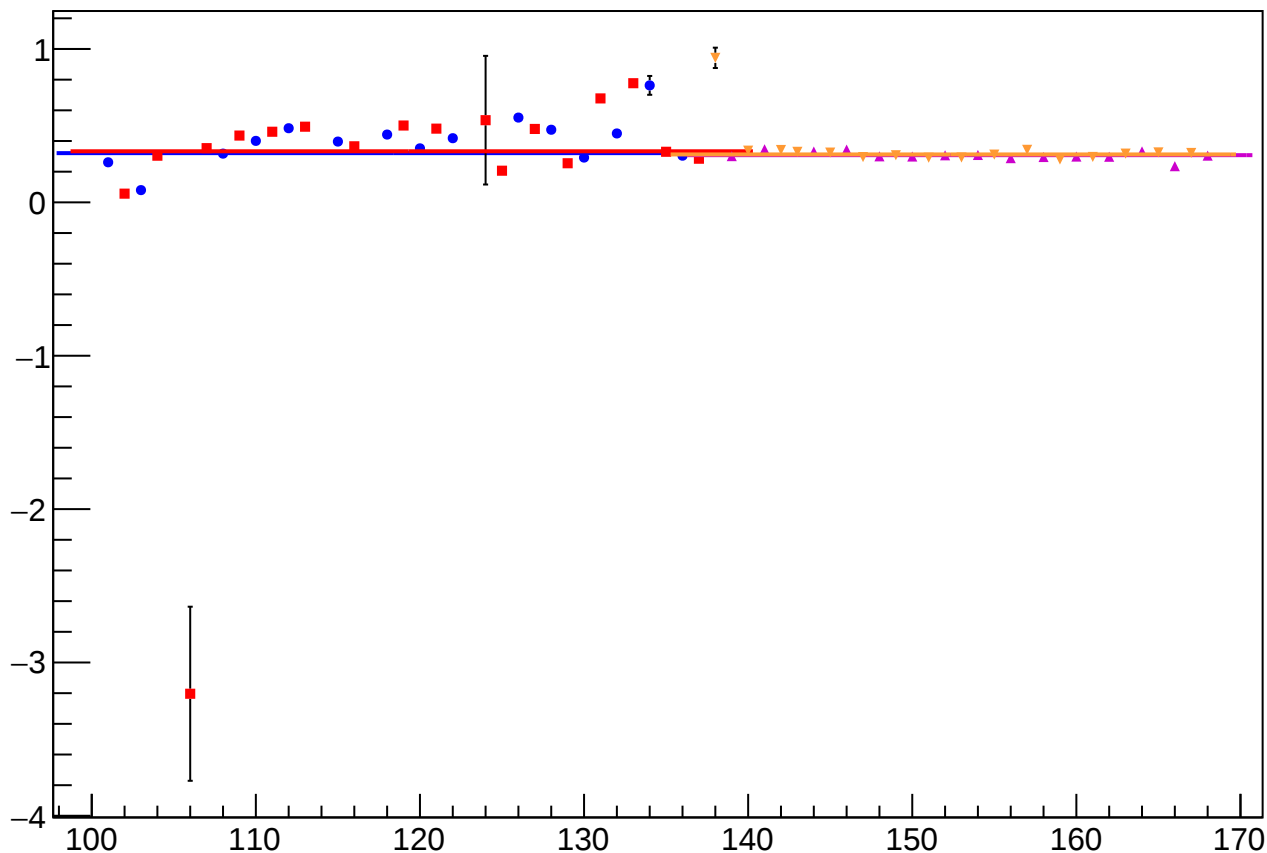
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.579 $\pm$ 0.006 χ^2/NDF :356858.7/29

Out: -13.845 $\pm$ 0.006 χ^2/NDF :188676.8/33

All: -13.699 $\pm$ 0.004 χ^2/NDF : 546469.4/63

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF :4430.4/15

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF :2545.8/14

Left: 0.310+/-0.000 χ^2/NDF : 7126.7/30

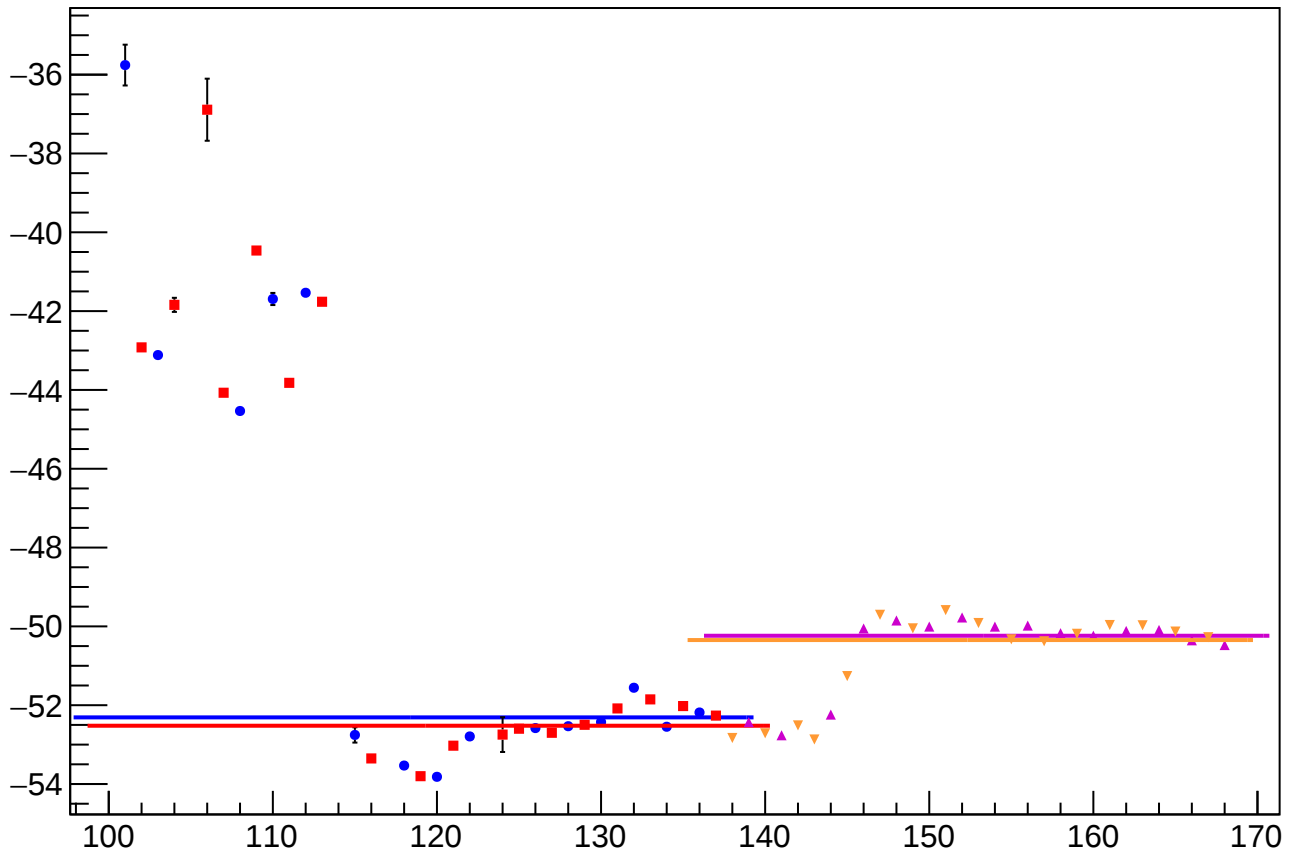
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF :6746.0/29

Out: 0.313+/-0.000 χ^2/NDF :8859.0/33

All: 0.311+/-0.000 χ^2/NDF : 15753.2/63

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.347 ± 0.002 χ^2/NDF : 226051.0/15

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.238 ± 0.001 χ^2/NDF : 159800.9/14

Left: -50.279 ± 0.001 χ^2/NDF : 387978.7/30

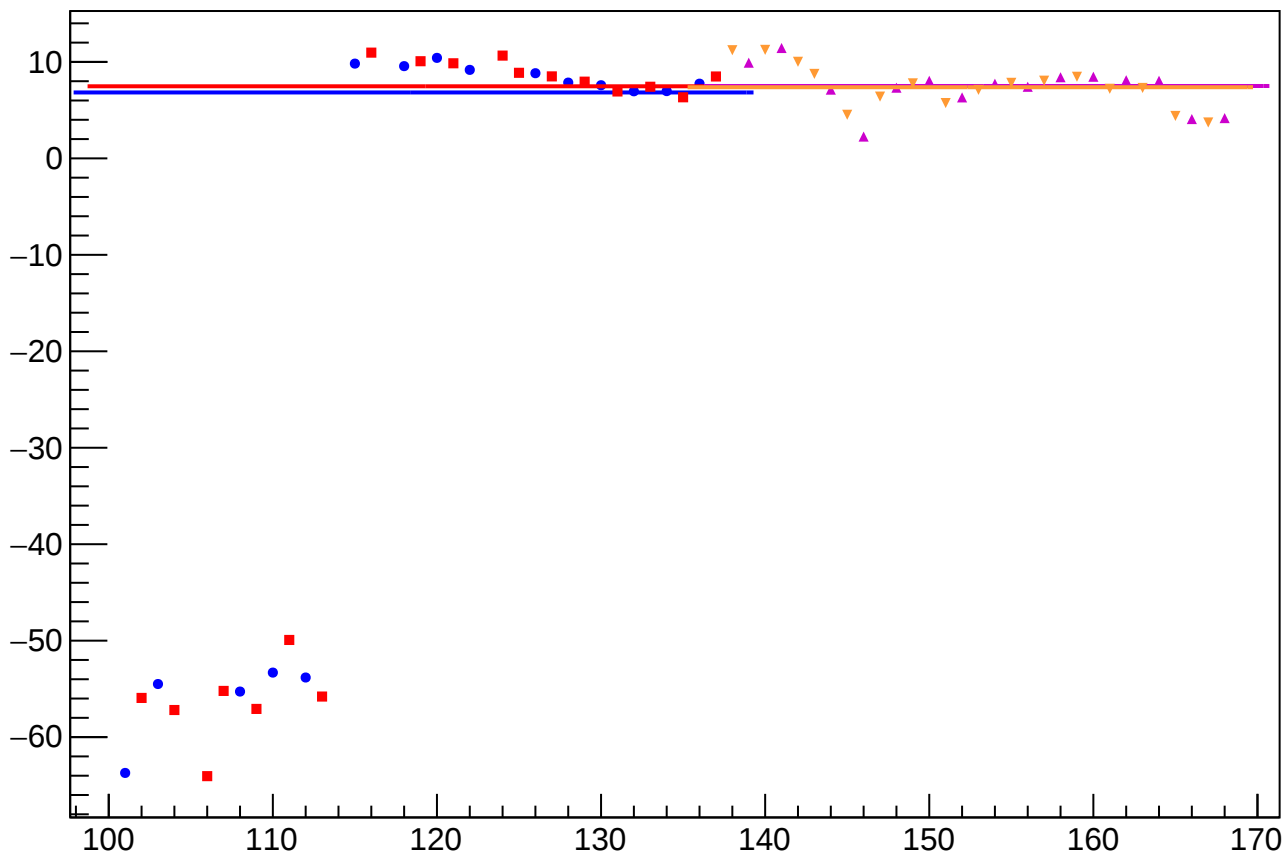
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.441 ± 0.001 χ^2/NDF : 411858.0/29

Out: -50.653 ± 0.002 χ^2/NDF : 494100.0/33

All: -50.524 ± 0.001 χ^2/NDF : 915153.6/63

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 7.376 $\pm$ 0.004 χ^2 /NDF:196170.3/15

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.504 $\pm$ 0.004 χ^2 /NDF:116274.0/14

Left: 7.449 $\pm$ 0.003 χ^2 /NDF: 312970.9/30

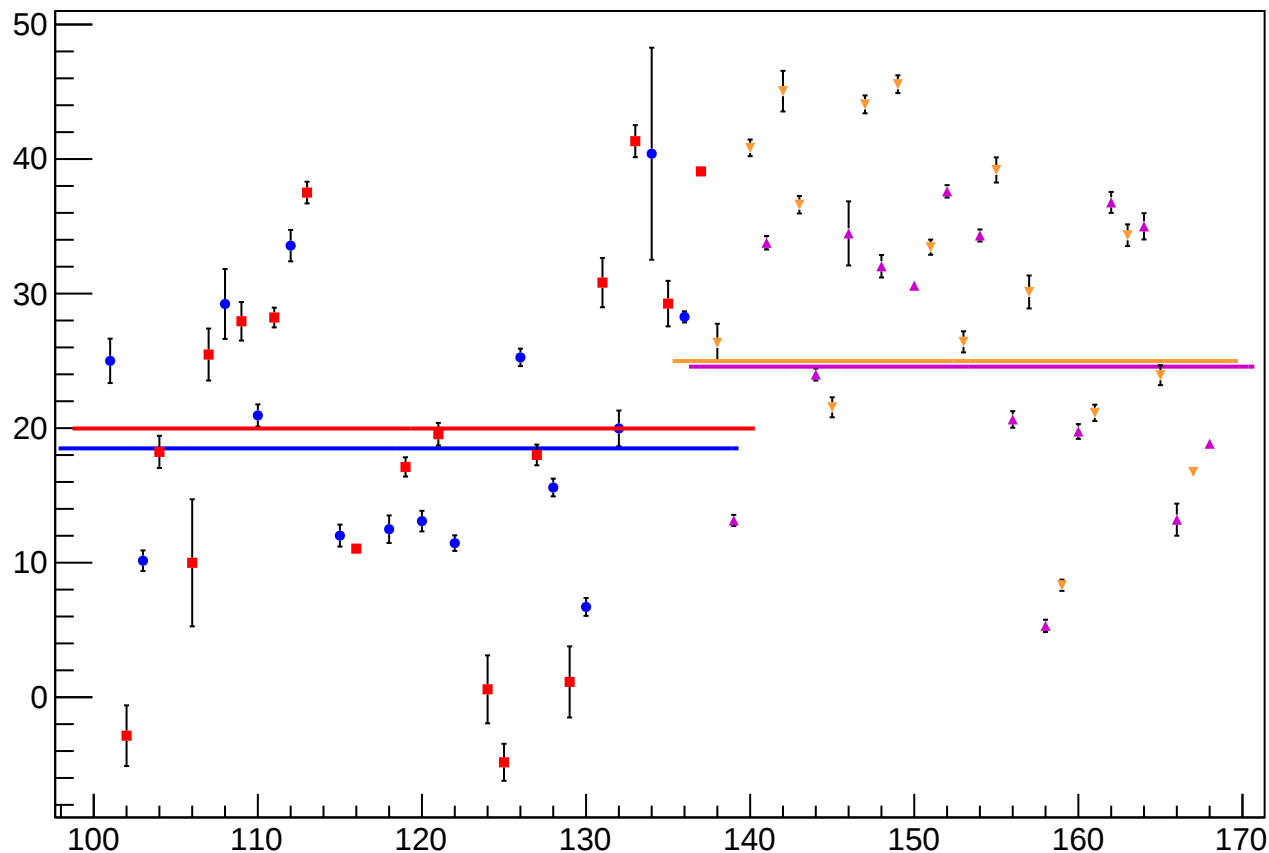
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.274 $\pm$ 0.003 χ^2 /NDF:1118362.5/29

Out: 7.393 $\pm$ 0.004 χ^2 /NDF:1391761.5/33

All: 7.318 $\pm$ 0.002 χ^2 /NDF: 2510720.1/63

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 24.987 $\pm$ 0.149 χ^2/NDF : 6184.2/15

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 24.571 $\pm$ 0.130 χ^2/NDF : 5447.4/14

Left: 24.751 $\pm$ 0.098 χ^2/NDF : 11636.0/30

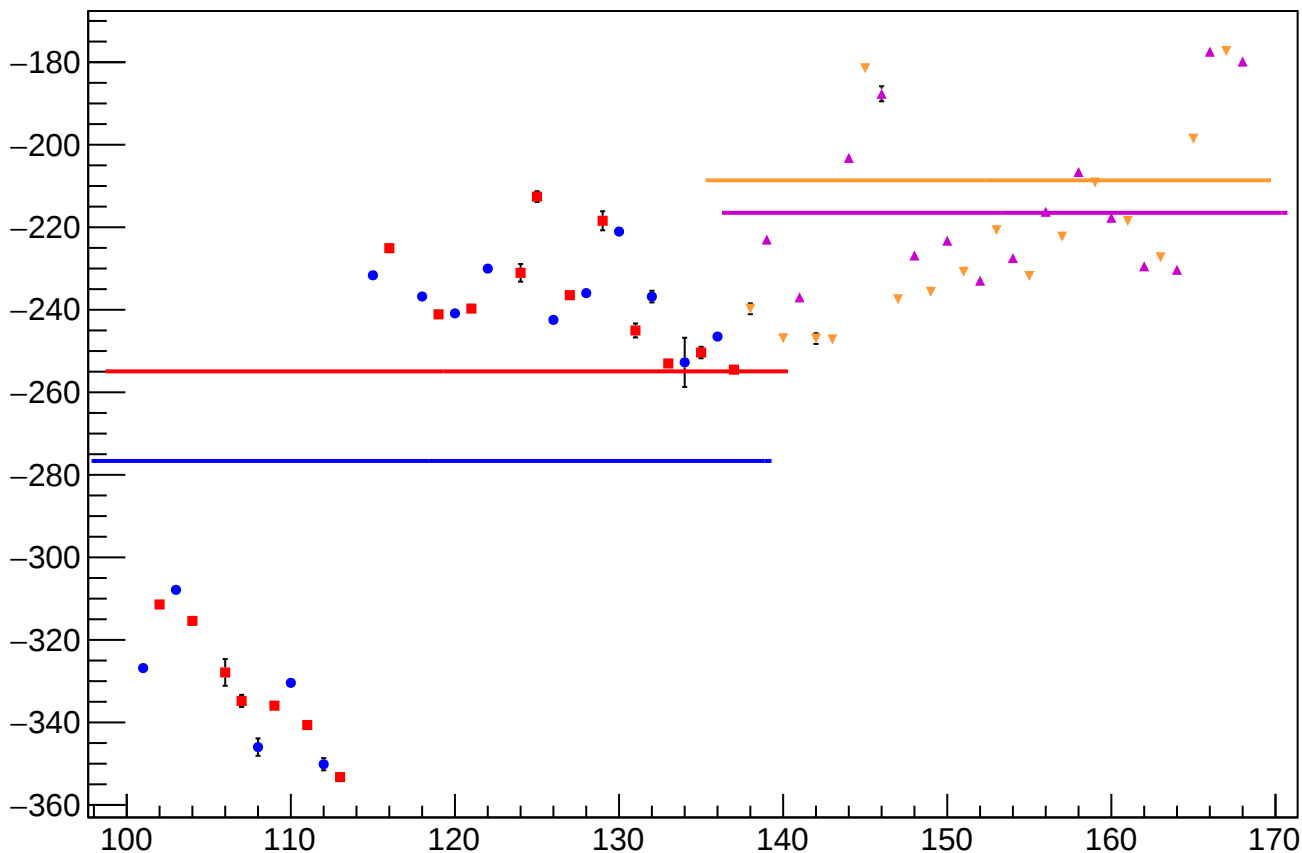
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 22.762 $\pm$ 0.109 χ^2/NDF : 7731.6/29

Out: 22.141 $\pm$ 0.098 χ^2/NDF : 16026.7/33

All: 22.419 $\pm$ 0.073 χ^2/NDF : 23776.2/63

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -208.628 ± 0.123 $\chi^2/\text{NDF}: 46142.6/15$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -216.504 ± 0.113 $\chi^2/\text{NDF}: 24751.3/14$

Left: -212.909 ± 0.083 $\chi^2/\text{NDF}: 73129.6/30$

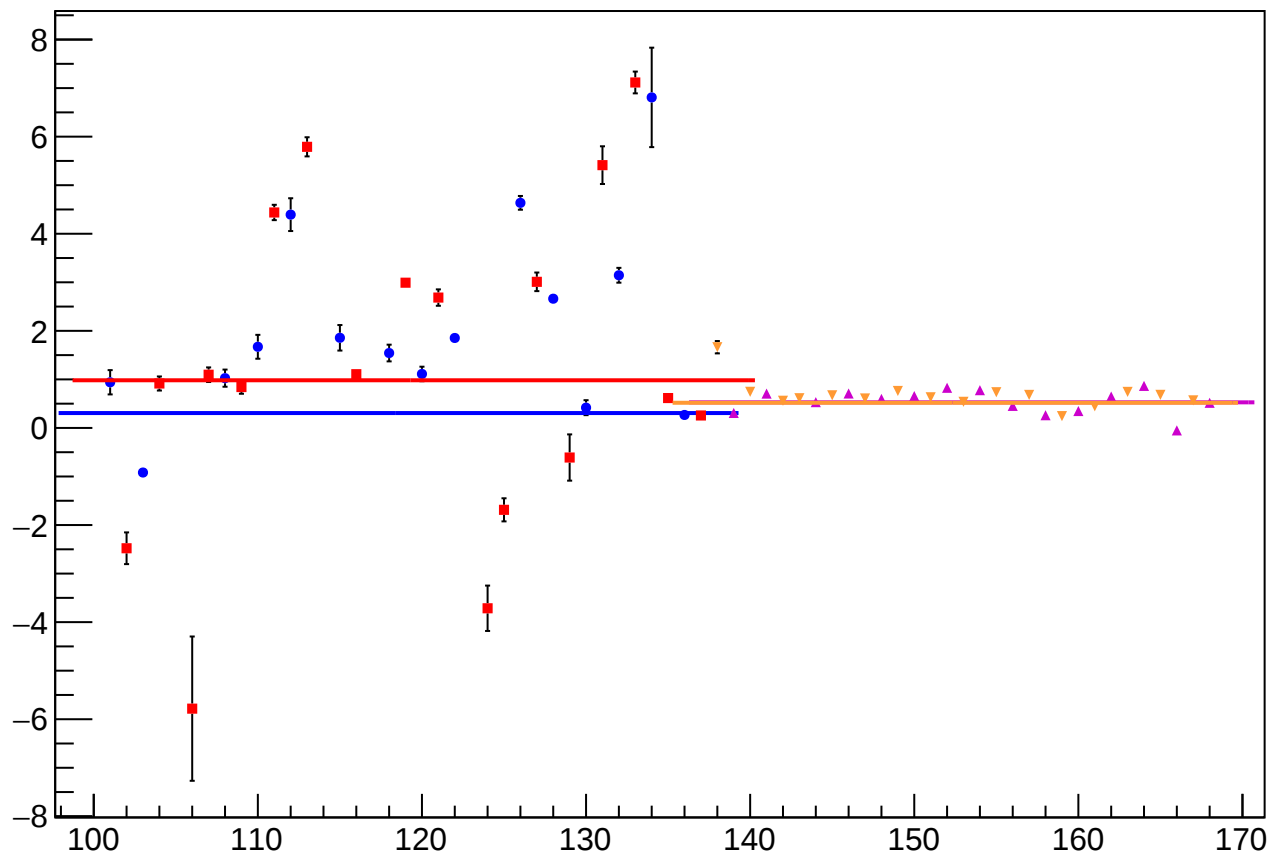
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -238.620 ± 0.089 $\chi^2/\text{NDF}: 206880.9/29$

Out: -243.270 ± 0.062 $\chi^2/\text{NDF}: 224404.5/33$

All: -241.774 ± 0.051 $\chi^2/\text{NDF}: 433117.0/63$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307+/-0.007 χ^2/NDF : 2787.0/14

Left Out: 0.518+/-0.002 χ^2/NDF :8277.4/15

Right Out: 0.982+/-0.015 χ^2/NDF : 3374.7/17

Left In: 0.527+/-0.002 χ^2/NDF :13291.5/14

Left: 0.523+/-0.001 χ^2/NDF : 21578.4/30

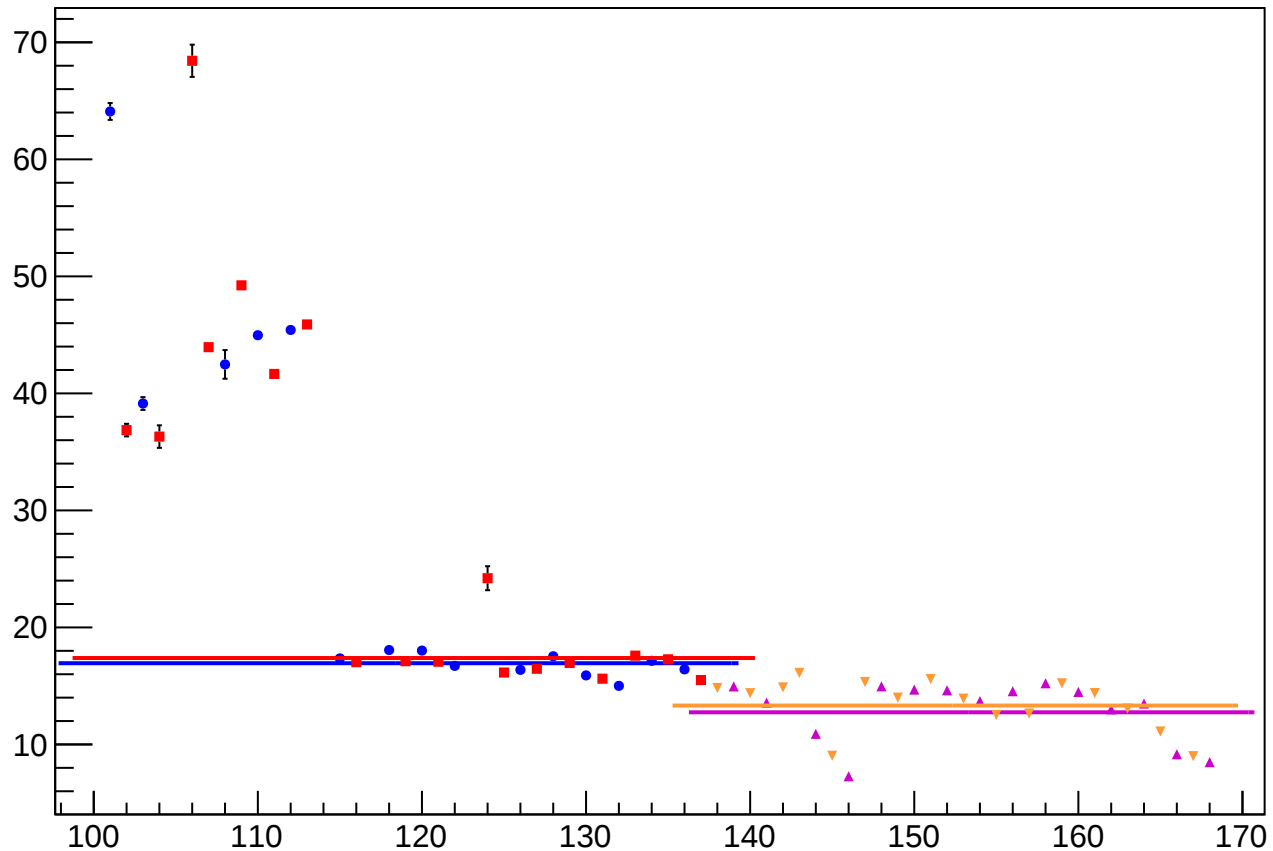
Right: 0.421+/-0.006 χ^2/NDF : 7919.2/32

In: 0.510+/-0.002 χ^2/NDF :17098.9/29

Out: 0.528+/-0.002 χ^2/NDF :12628.2/33

All: 0.518+/-0.001 χ^2/NDF : 29767.4/63

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 13.324 $\pm$ 0.009 χ^2 /NDF: 97990.5/15

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 12.747 $\pm$ 0.008 χ^2 /NDF: 108335.0/14

Left: 13.017 $\pm$ 0.006 χ^2 /NDF: 208646.3/30

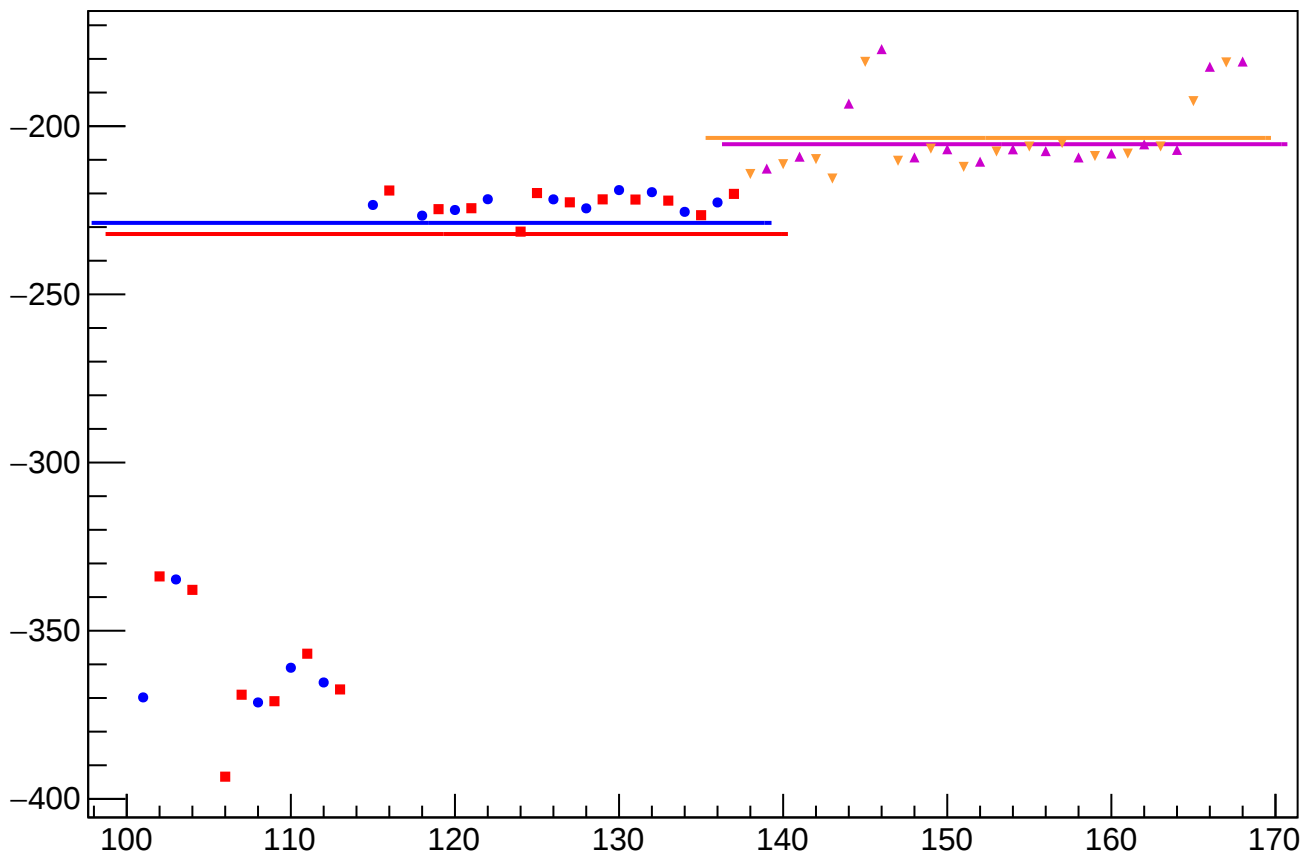
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 13.955 $\pm$ 0.007 χ^2 /NDF: 212977.9/29

Out: 14.129 $\pm$ 0.008 χ^2 /NDF: 201860.0/33

All: 14.031 $\pm$ 0.005 χ^2 /NDF: 415117.4/63

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -203.491 ± 0.017 $\chi^2/\text{NDF}: 449264.0/15$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -205.358 ± 0.017 $\chi^2/\text{NDF}: 231252.0/14$

Left: -204.448 ± 0.012 $\chi^2/\text{NDF}: 686546.9/30$

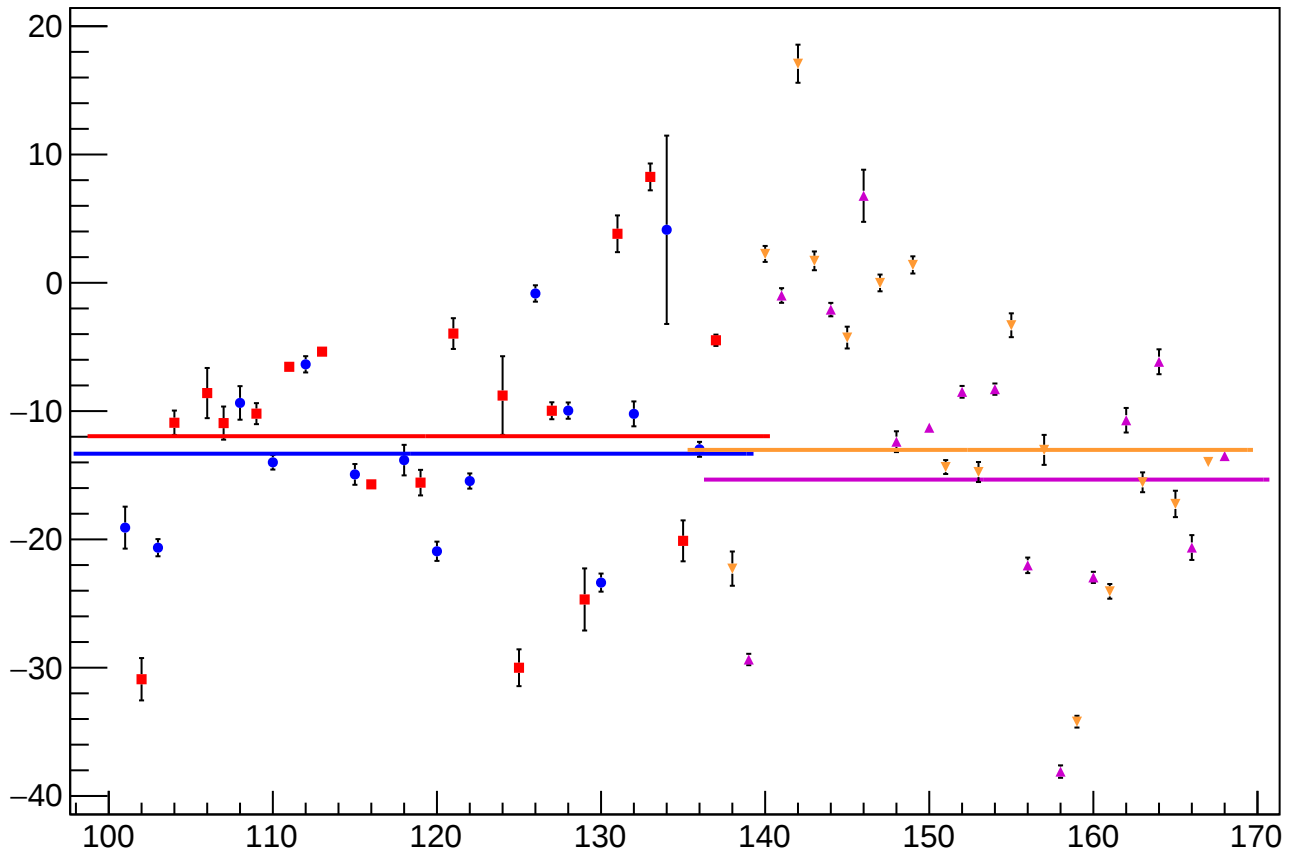
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -209.799 ± 0.015 $\chi^2/\text{NDF}: 1257278.9/29$

Out: -207.720 ± 0.016 $\chi^2/\text{NDF}: 1648376.9/33$

All: -208.812 ± 0.011 $\chi^2/\text{NDF}: 2914643.2/63$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Left: -14.345 +/- 0.102 χ^2/NDF : 11038.1/30

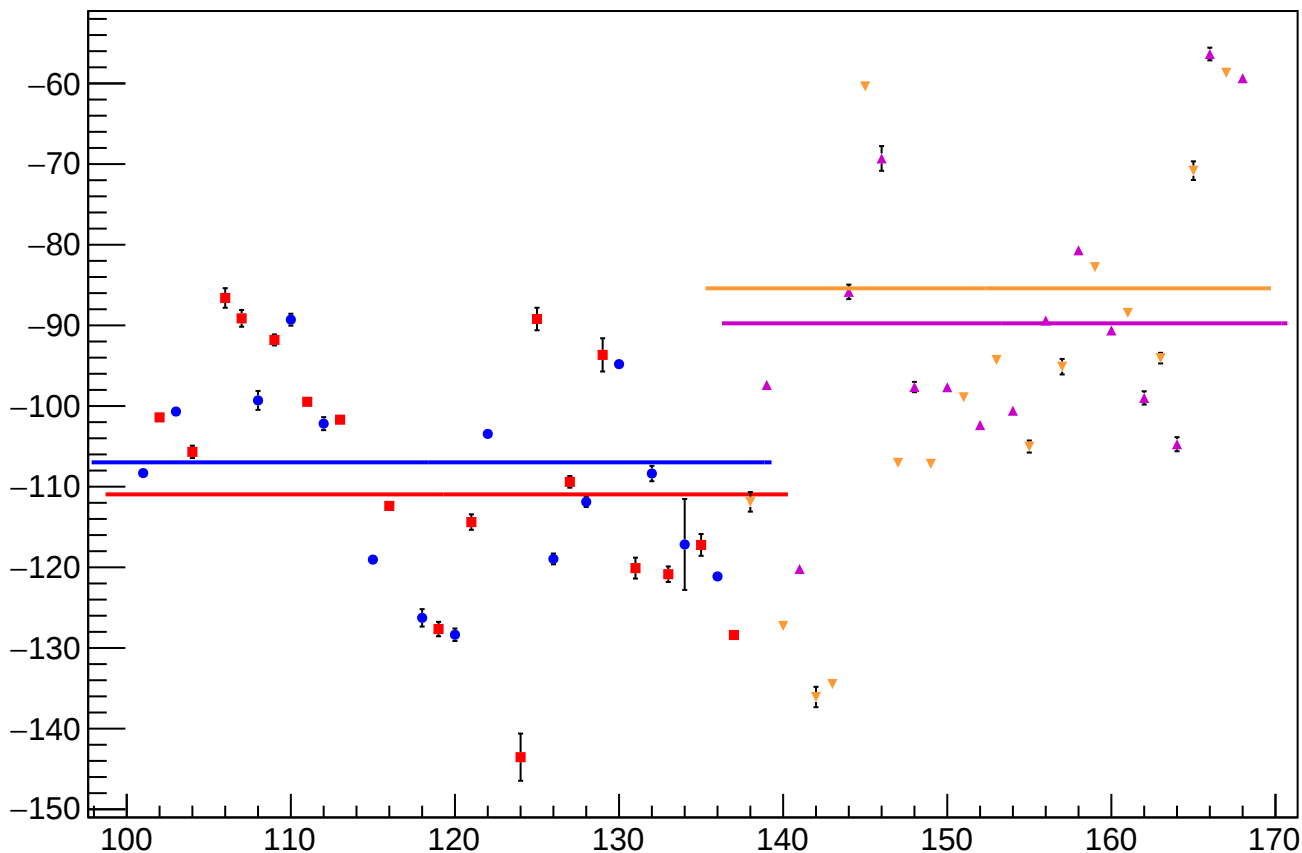
Right: -12.301 +/- 0.097 χ^2/NDF : 3537.3/32

In: -14.679 +/- 0.111 χ^2/NDF : 6902.4/29

Out: -12.323 +/- 0.091 χ^2/NDF : 7613.7/33

All: -13.275 +/- 0.070 χ^2/NDF : 14785.6/63

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -85.406 ± 0.123 $\chi^2/\text{NDF}: 39069.0/15$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -89.747 ± 0.111 $\chi^2/\text{NDF}: 23597.7/14$

Left: -87.800 ± 0.082 $\chi^2/\text{NDF}: 63355.4/30$

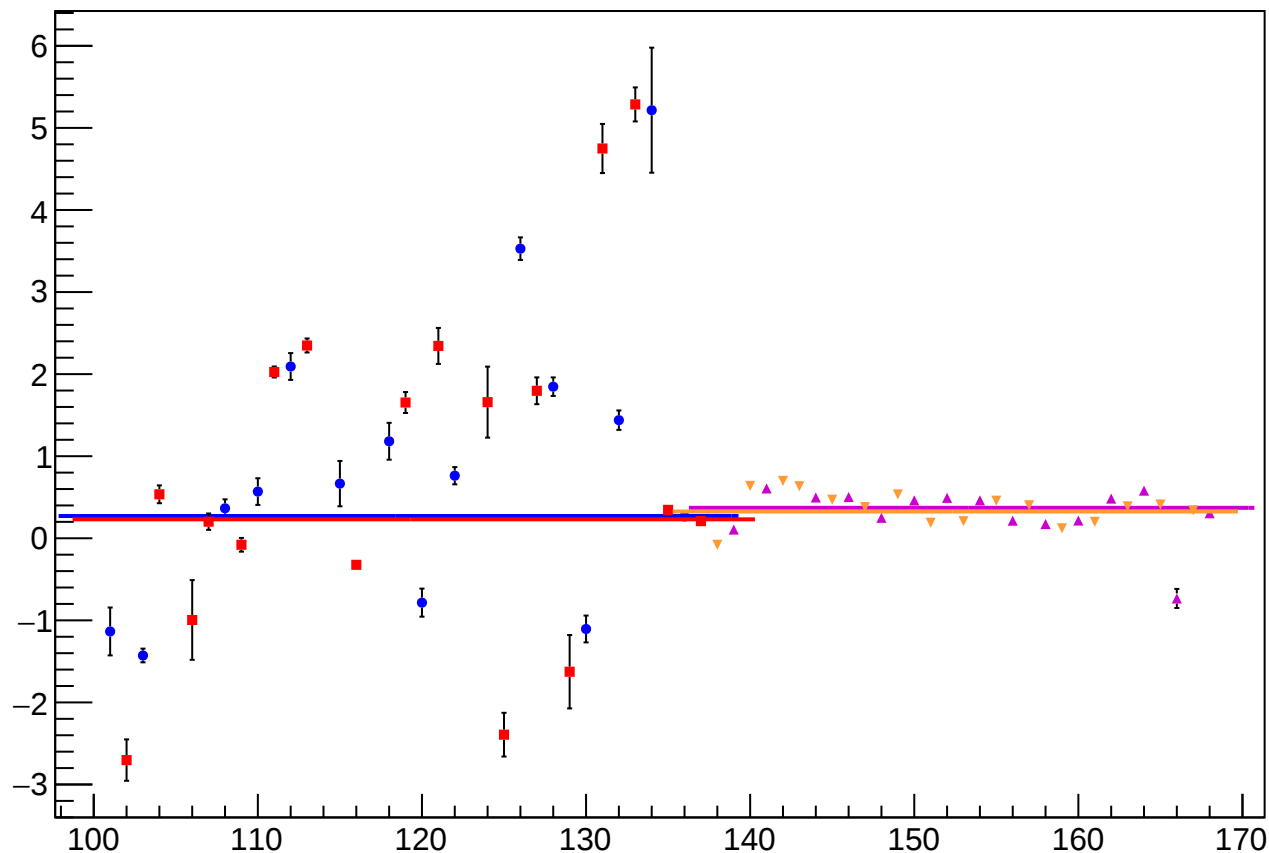
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -98.425 ± 0.078 $\chi^2/\text{NDF}: 40439.9/29$

Out: -107.300 ± 0.046 $\chi^2/\text{NDF}: 86816.7/33$

All: -104.979 ± 0.040 $\chi^2/\text{NDF}: 136799.9/63$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.326+/-0.002 χ^2/NDF : 6488.6/15

Right Out: 0.231+/-0.004 χ^2/NDF : 2907.8/17

Left In: 0.371+/-0.002 χ^2/NDF : 7763.5/14

Left: 0.352+/-0.001 χ^2/NDF : 14484.1/30

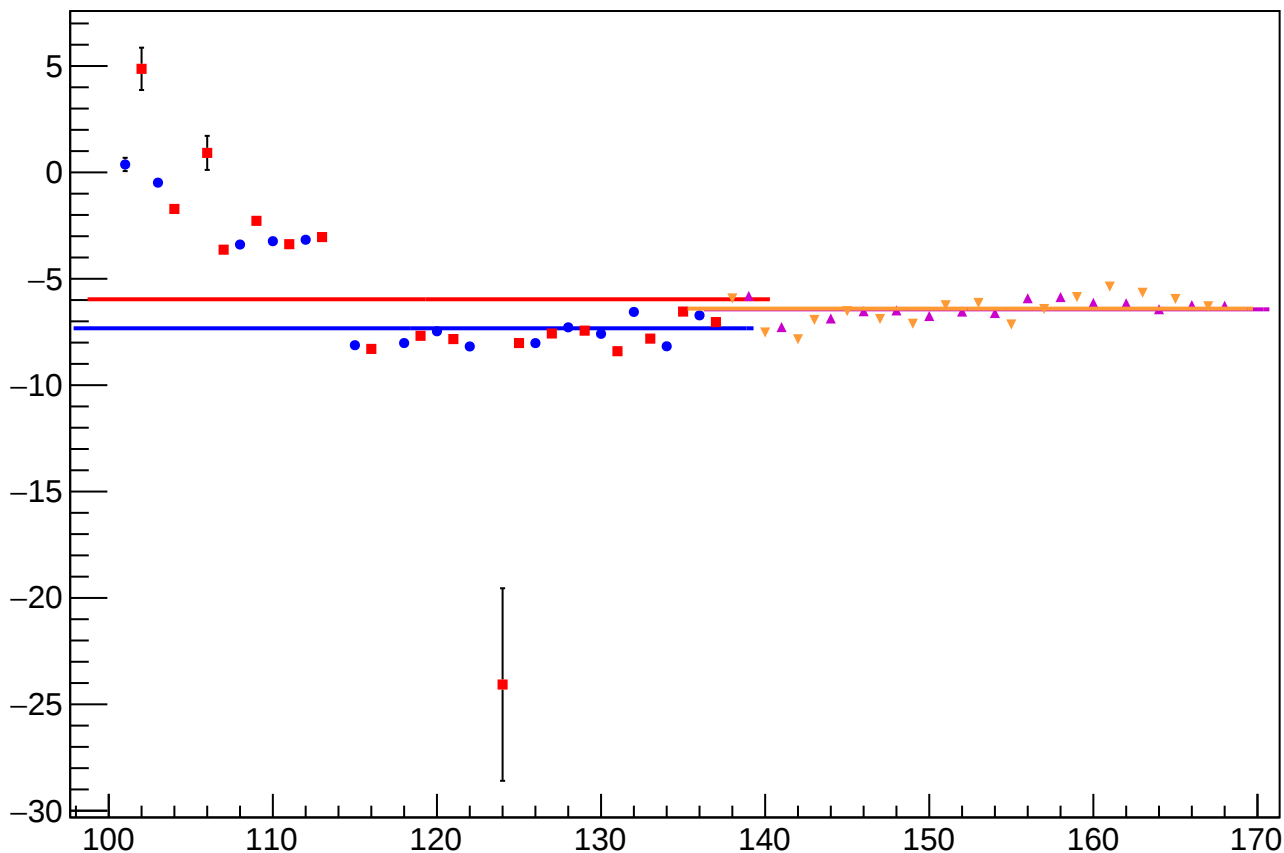
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.359+/-0.002 χ^2/NDF : 9685.9/29

Out: 0.307+/-0.002 χ^2/NDF : 9768.9/33

All: 0.335+/-0.001 χ^2/NDF : 19832.7/63

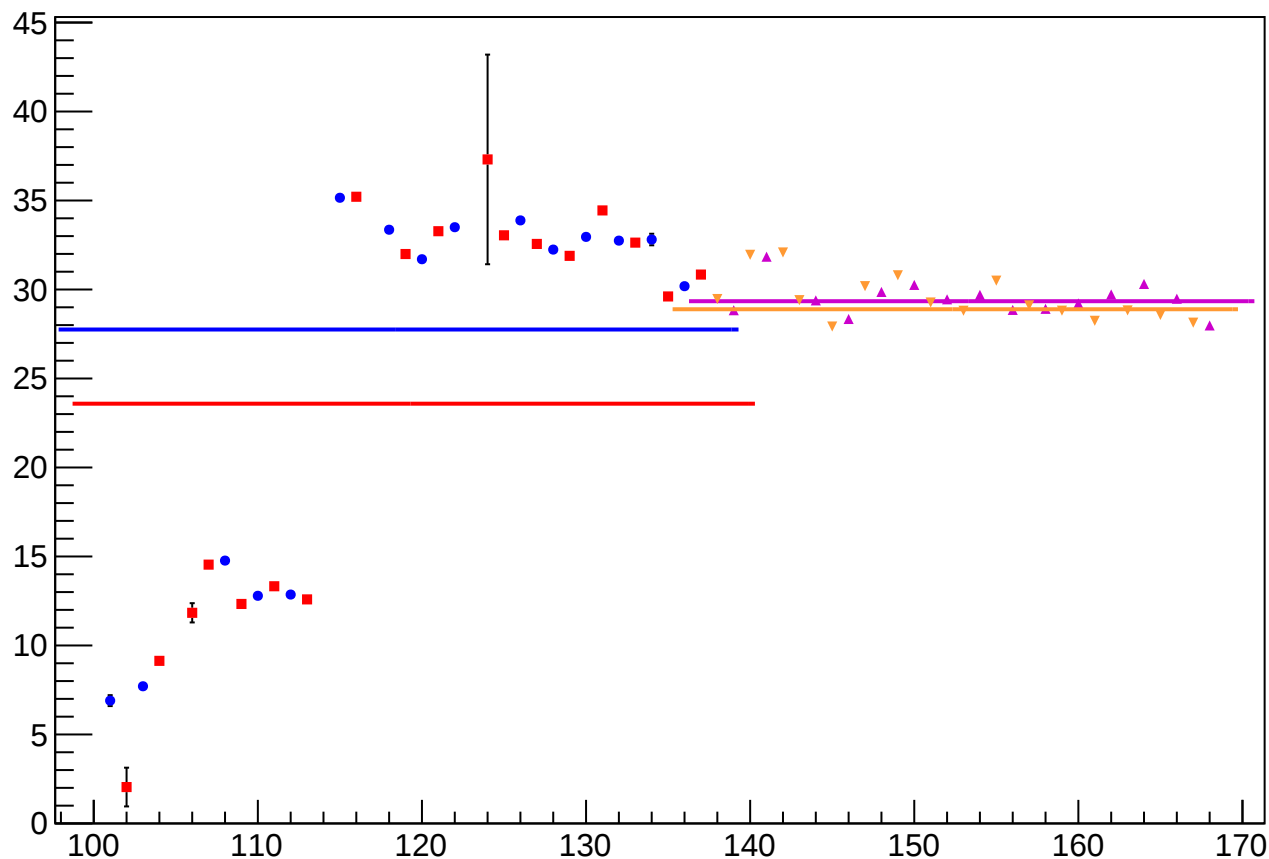
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14
 Left Out: -6.402+/-0.006 χ^2/NDF : 5995.5/15
 Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17
 Left In: -6.436+/-0.005 χ^2/NDF : 5505.2/14

Left: -6.420+/-0.004 χ^2/NDF : 11519.6/30
 Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32
 In: -6.701+/-0.005 χ^2/NDF : 43940.0/29
 Out: -6.273+/-0.005 χ^2/NDF : 79563.8/33
 All: -6.496+/-0.003 χ^2/NDF : 127705.4/63

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 28.890 $\pm$ 0.010 χ^2/NDF : 11385.3/15

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.342 $\pm$ 0.010 χ^2/NDF : 5988.4/14

Left: 29.114 $\pm$ 0.007 χ^2/NDF : 18380.7/30

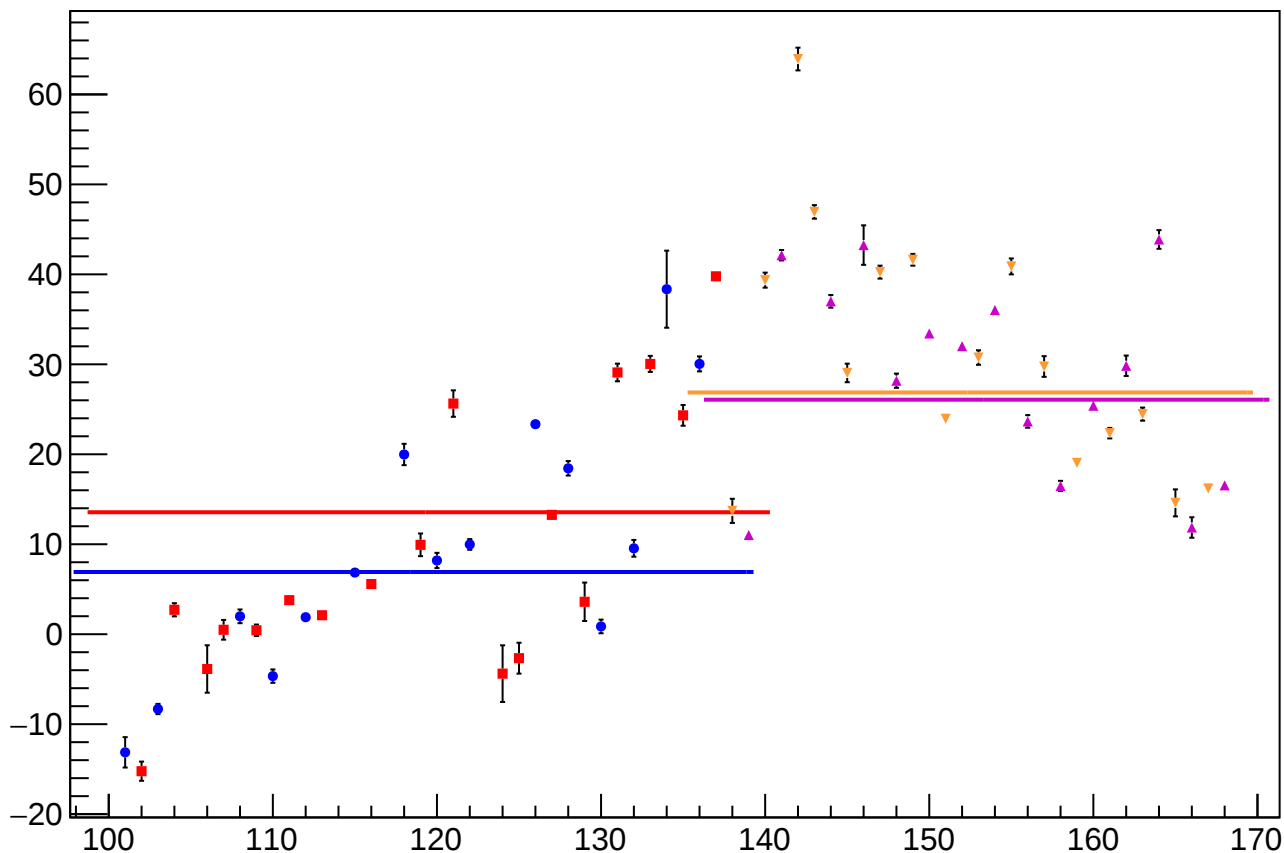
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.846 $\pm$ 0.008 χ^2/NDF : 346609.5/29

Out: 27.045 $\pm$ 0.008 χ^2/NDF : 648629.3/33

All: 27.911 $\pm$ 0.006 χ^2/NDF : 1019092.7/63

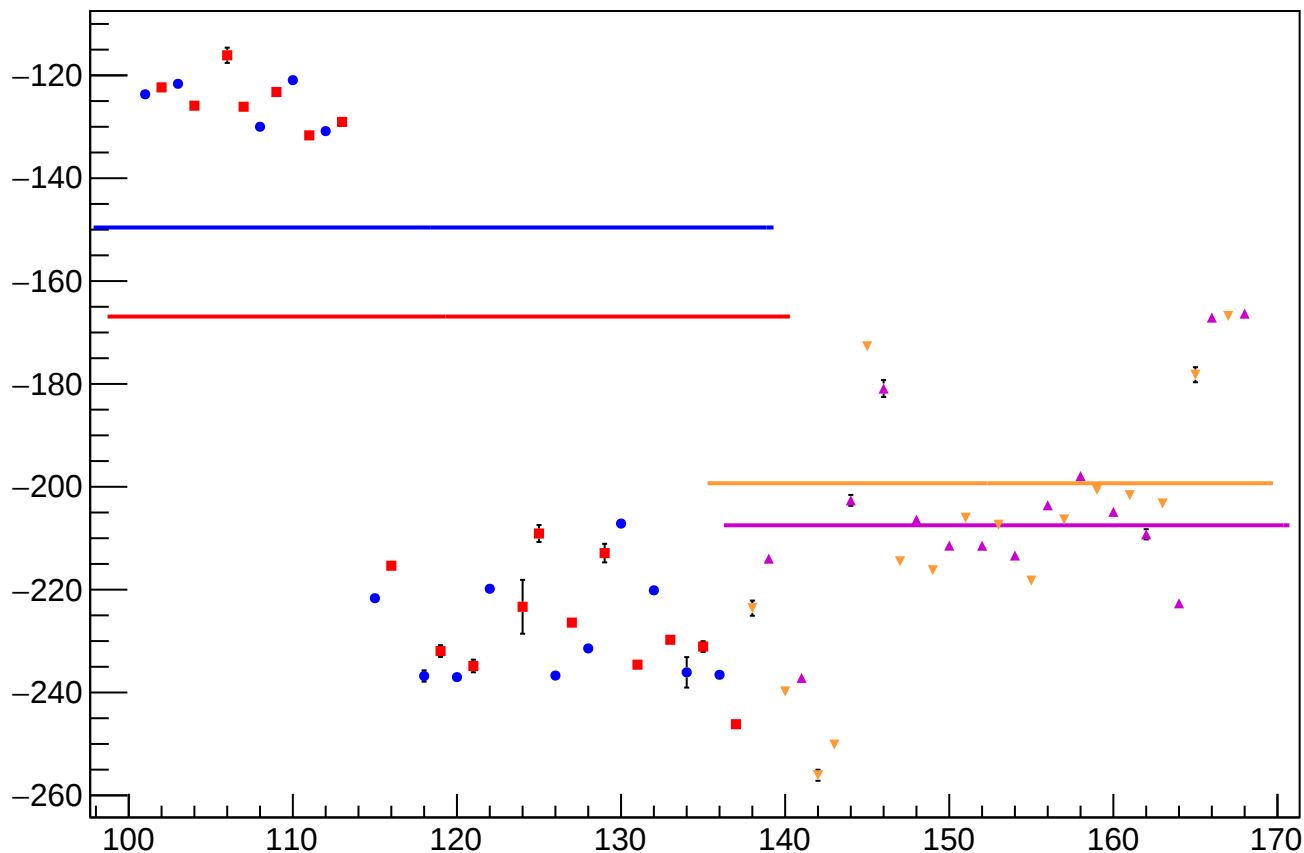
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 26.870 ± 0.169 $\chi^2/\text{NDF}: 4410.3/15$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.068 ± 0.139 $\chi^2/\text{NDF}: 5433.1/14$

Left: 26.393 ± 0.108 $\chi^2/\text{NDF}: 9856.8/30$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 18.715 ± 0.109 $\chi^2/\text{NDF}: 16185.8/29$
 Out: 19.203 ± 0.110 $\chi^2/\text{NDF}: 19639.4/33$
 All: 18.957 ± 0.078 $\chi^2/\text{NDF}: 35835.1/63$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -199.313+/-0.135 χ^2/NDF : 31940.0/15

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -207.485+/-0.116 χ^2/NDF : 17668.5/14

Left: -203.998+/-0.088 χ^2/NDF : 51707.7/30

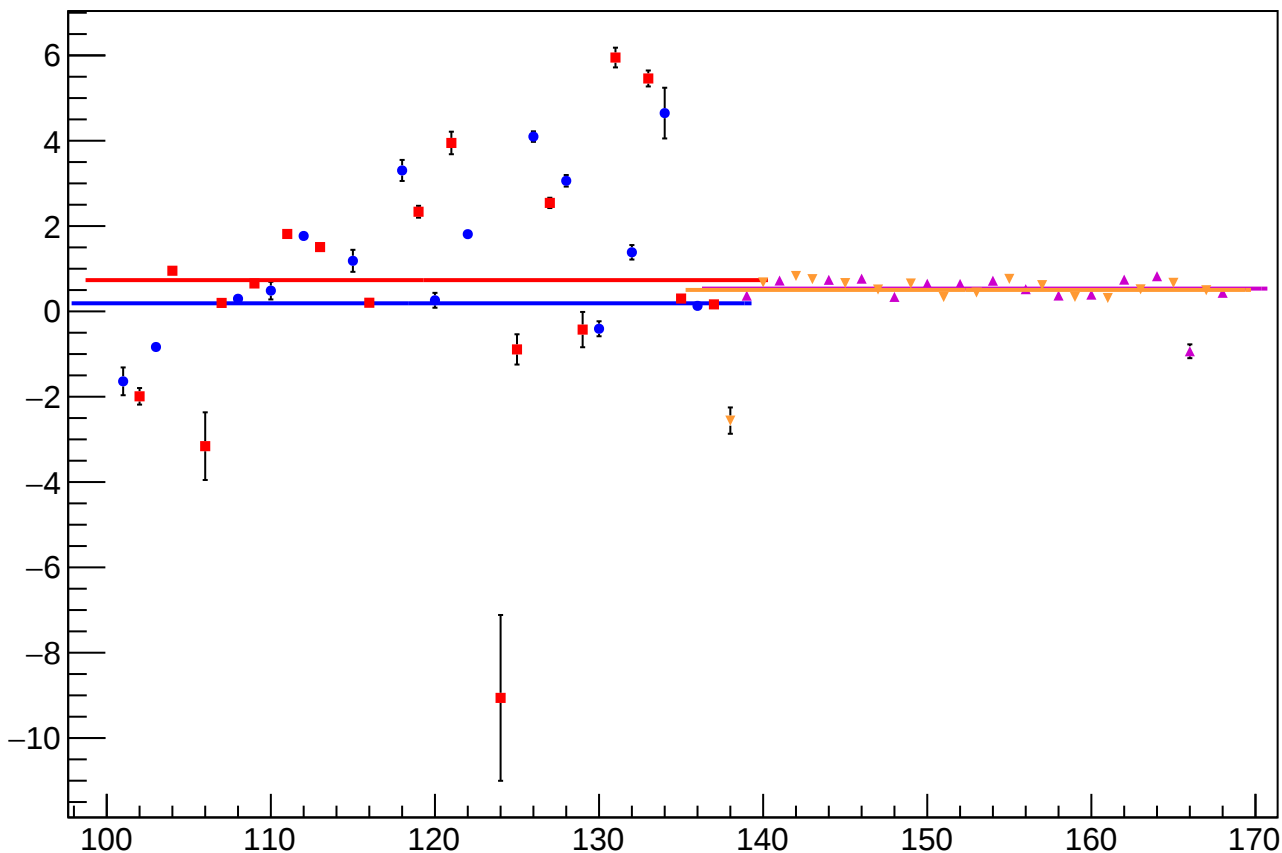
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -174.392+/-0.076 χ^2/NDF : 353957.8/29

Out: -178.466+/-0.081 χ^2/NDF : 364485.0/33

All: -176.314+/-0.055 χ^2/NDF : 719789.7/63

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.503 $\pm$ 0.003 χ^2 /NDF:3369.5/15

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.534 $\pm$ 0.002 χ^2 /NDF:4449.0/14

Left: 0.521 $\pm$ 0.002 χ^2 /NDF: 7890.7/30

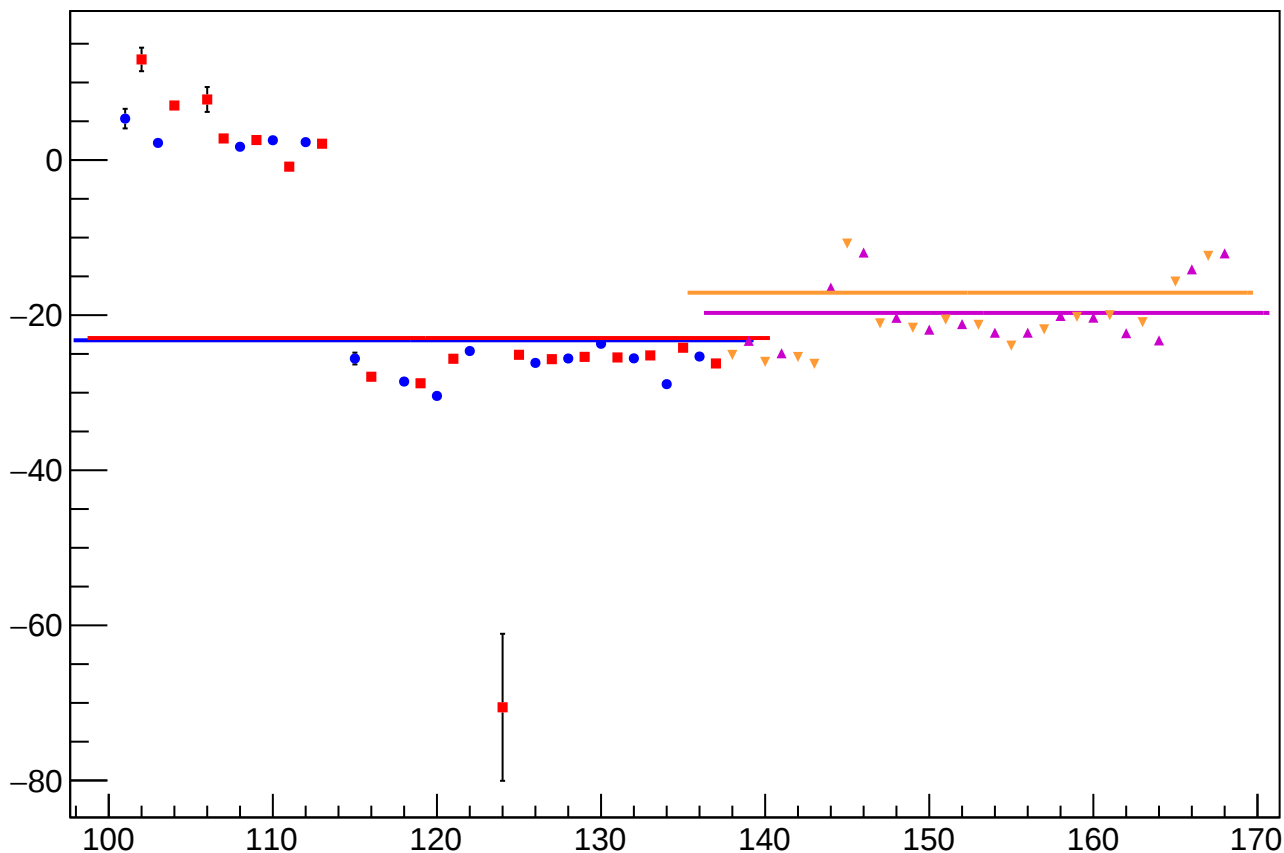
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.510 $\pm$ 0.002 χ^2 /NDF:8663.8/29

Out: 0.508 $\pm$ 0.003 χ^2 /NDF:6168.9/33

All: 0.509 $\pm$ 0.002 χ^2 /NDF: 14833.1/63

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -17.105 ± 0.014 $\chi^2/\text{NDF}: 140678.3/15$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -19.712 ± 0.014 $\chi^2/\text{NDF}: 58031.6/14$

Left: -18.378 ± 0.010 $\chi^2/\text{NDF}: 215362.7/30$

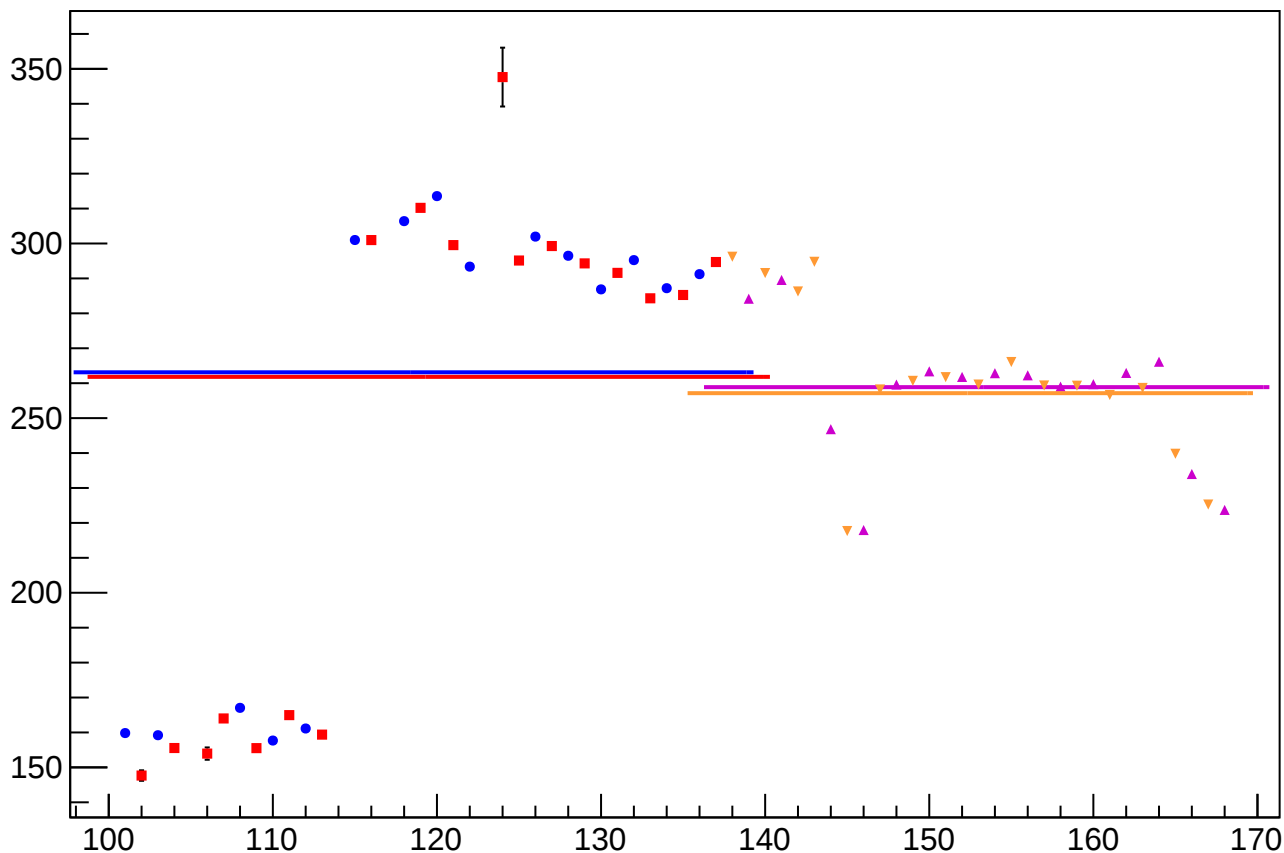
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -20.608 ± 0.012 $\chi^2/\text{NDF}: 176288.4/29$

Out: -18.545 ± 0.012 $\chi^2/\text{NDF}: 290963.9/33$

All: -19.558 ± 0.009 $\chi^2/\text{NDF}: 481153.0/63$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 257.142+/-0.035 χ^2/NDF : 369997.6/15

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 258.871+/-0.032 χ^2/NDF : 134329.0/14

Left: 258.083+/-0.023 χ^2/NDF : 505669.1/30

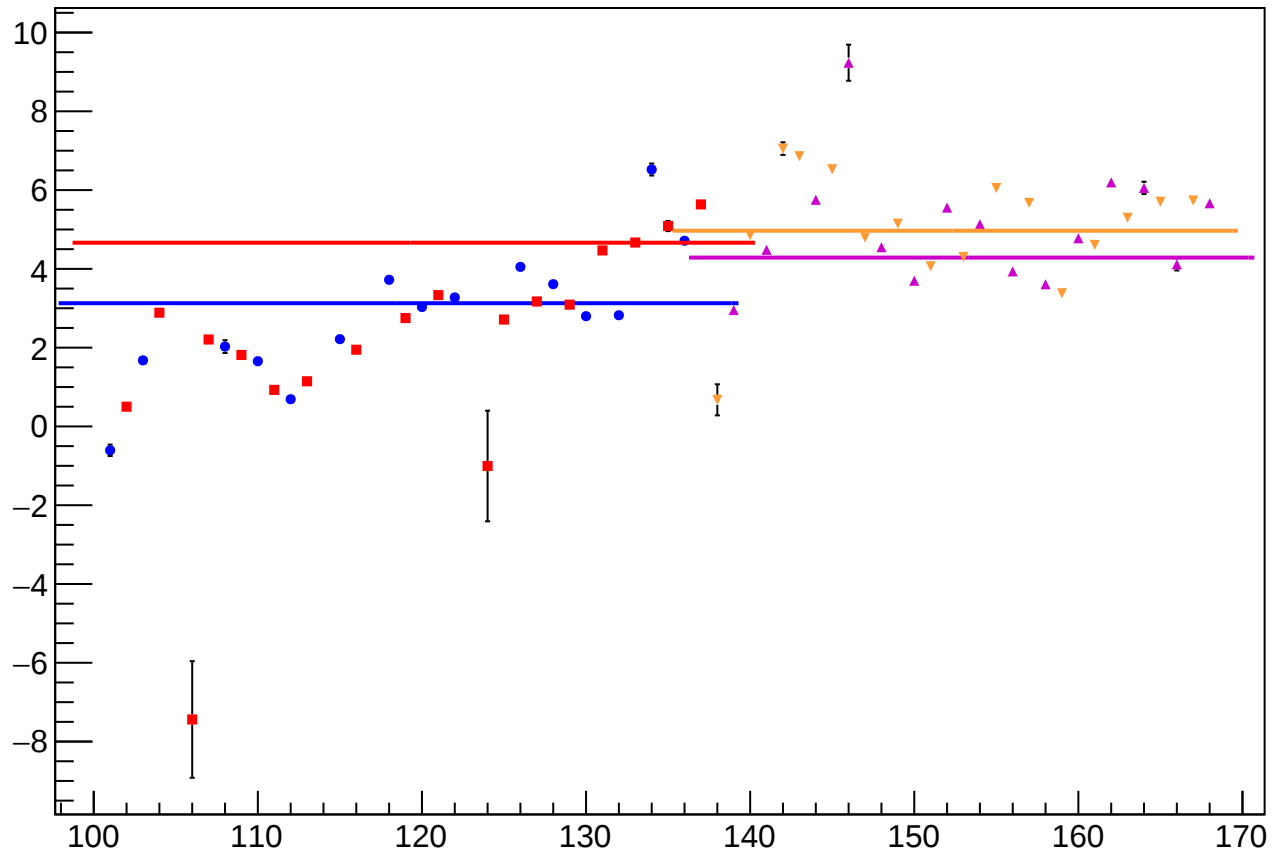
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 259.616+/-0.029 χ^2/NDF : 830336.0/29

Out: 258.306+/-0.030 χ^2/NDF : 1380674.4/33

All: 258.988+/-0.021 χ^2/NDF : 2211993.6/63

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.968 $\pm$ 0.016 χ^2 /NDF:2356.6/15

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.286 $\pm$ 0.015 χ^2 /NDF:3704.8/14

Left: 4.614 $\pm$ 0.011 χ^2 /NDF: 7023.7/30

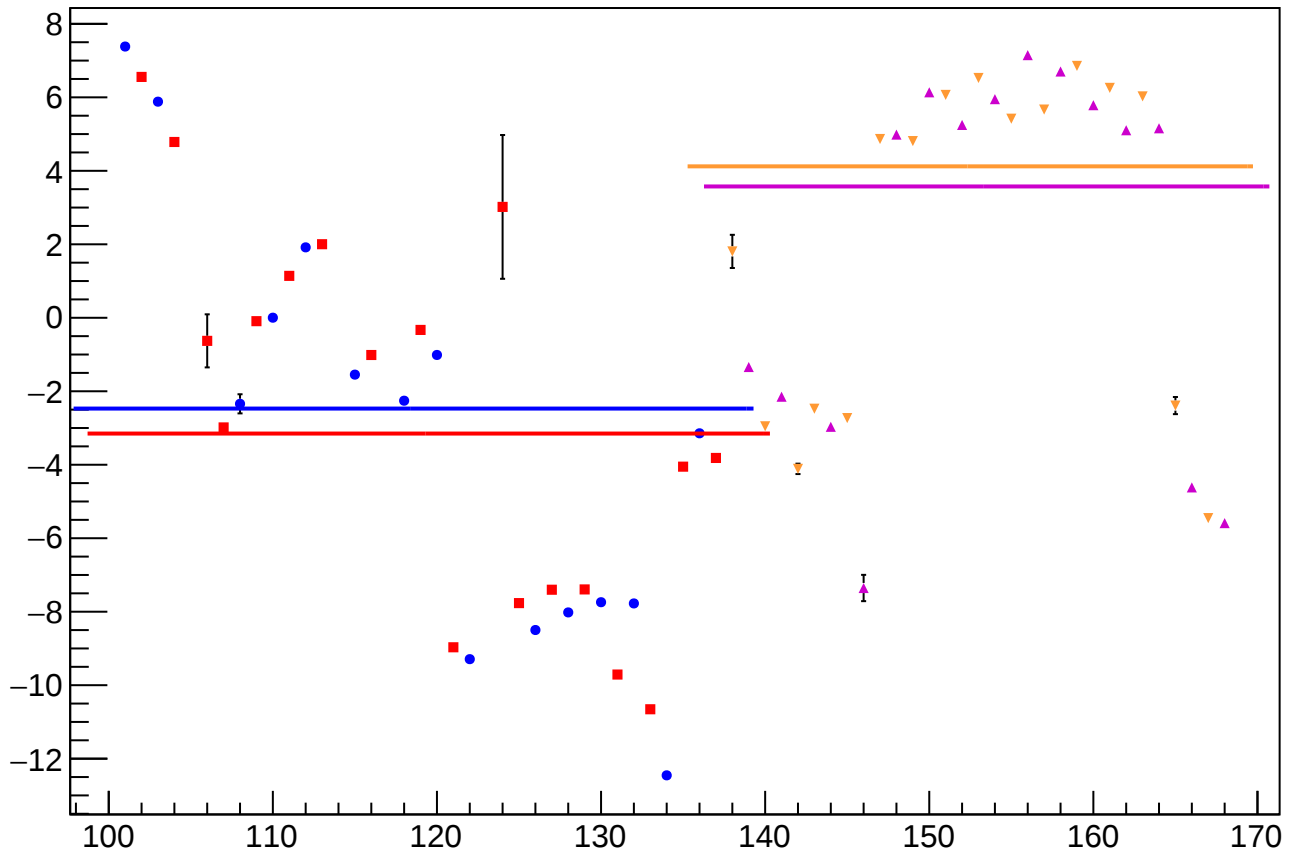
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.727 $\pm$ 0.011 χ^2 /NDF:12163.1/29

Out: 4.706 $\pm$ 0.006 χ^2 /NDF:69535.9/33

All: 4.486 $\pm$ 0.005 χ^2 /NDF: 87901.3/63

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.122 ± 0.013 $\chi^2/\text{NDF}: 68375.1/15$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.575 ± 0.013 $\chi^2/\text{NDF}: 96936.6/14$

Left: 3.845 ± 0.009 $\chi^2/\text{NDF}: 166191.3/30$

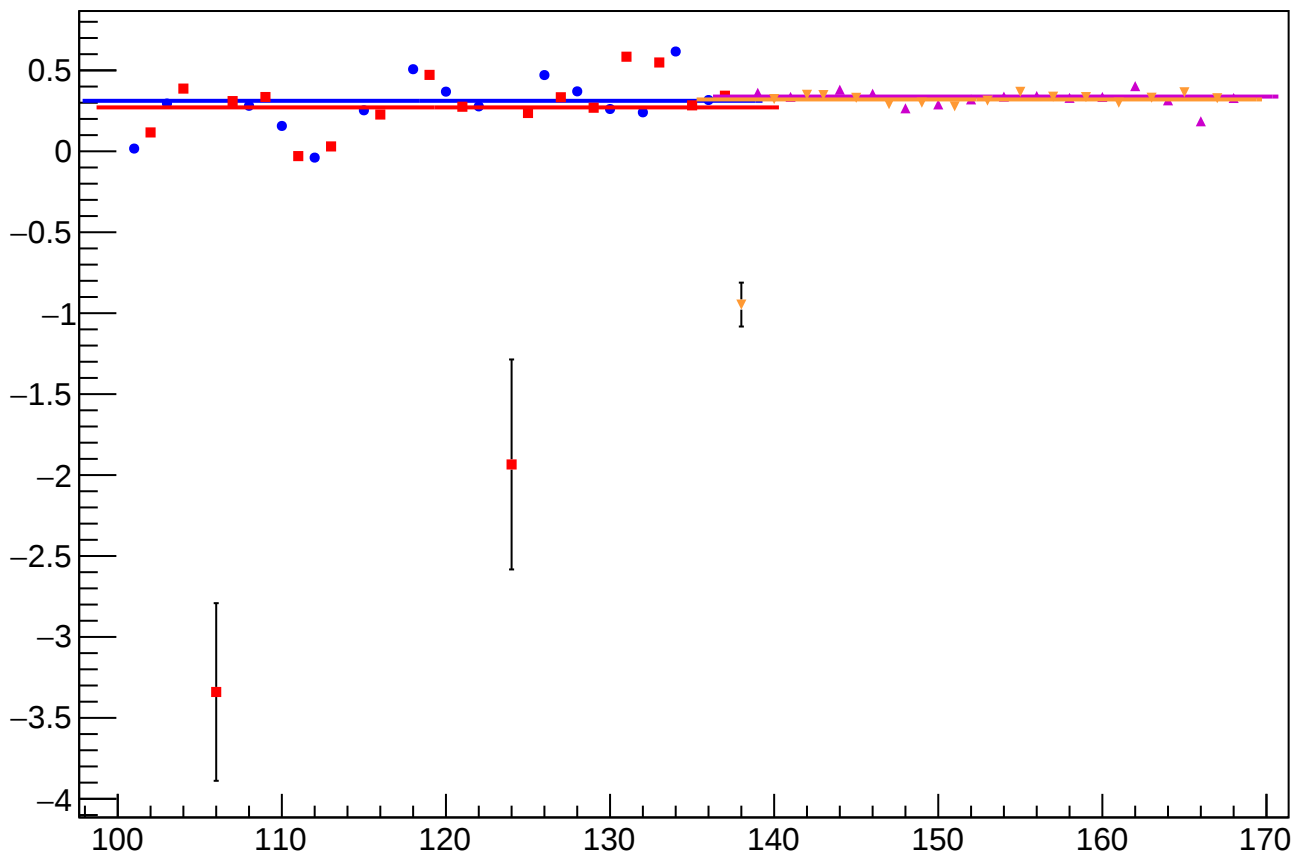
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.805 ± 0.010 $\chi^2/\text{NDF}: 439059.8/29$

Out: -1.383 ± 0.006 $\chi^2/\text{NDF}: 548497.0/33$

All: -0.695 ± 0.005 $\chi^2/\text{NDF}: 1023562.7/63$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 1465.9/15$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.338 ± 0.001 $\chi^2/\text{NDF}: 2897.1/14$

Left: 0.330 ± 0.000 $\chi^2/\text{NDF}: 4736.1/30$

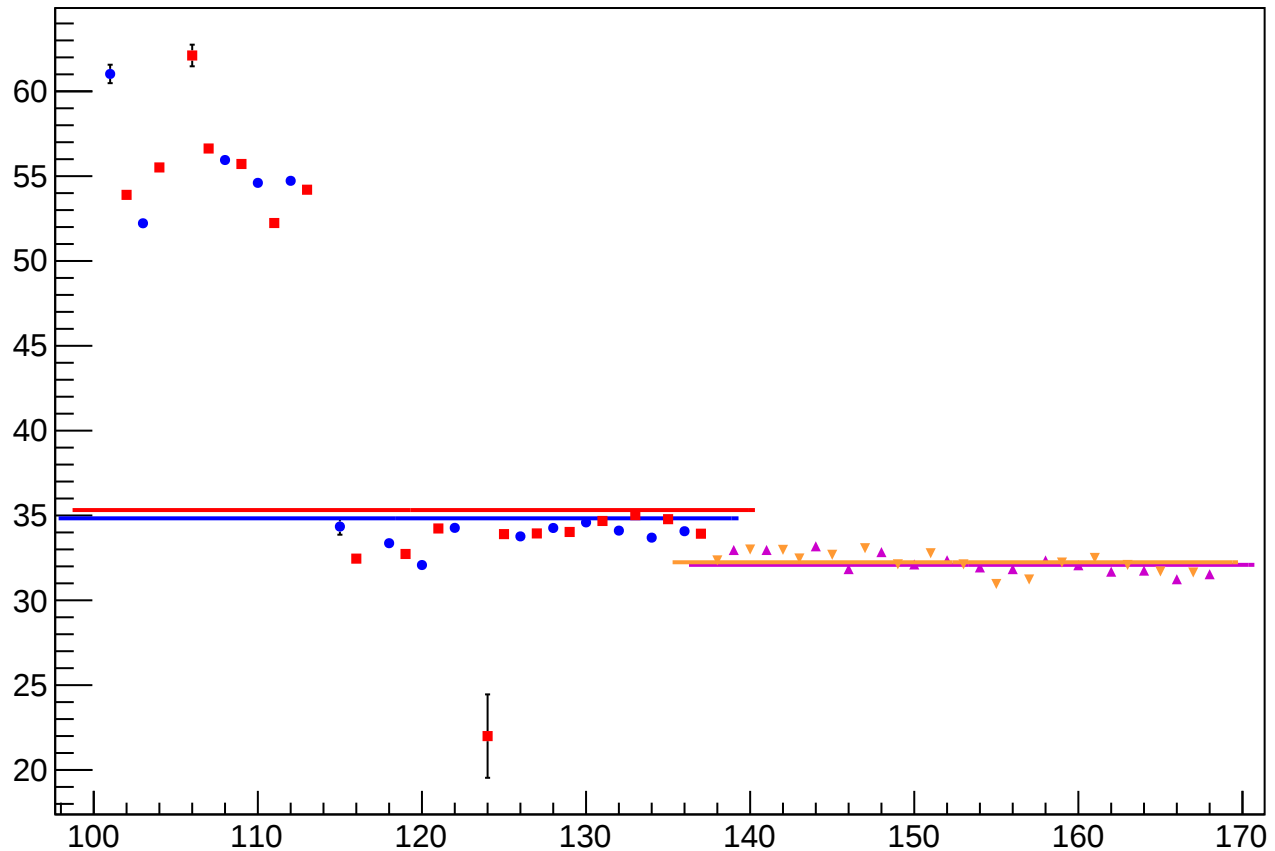
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4553.3/29$

Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 8105.8/33$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 13053.5/63$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.242 $\pm$ 0.004 χ^2 /NDF: 5598.1/15

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.090 $\pm$ 0.004 χ^2 /NDF: 9394.5/14

Left: 32.161 $\pm$ 0.003 χ^2 /NDF: 15644.6/30

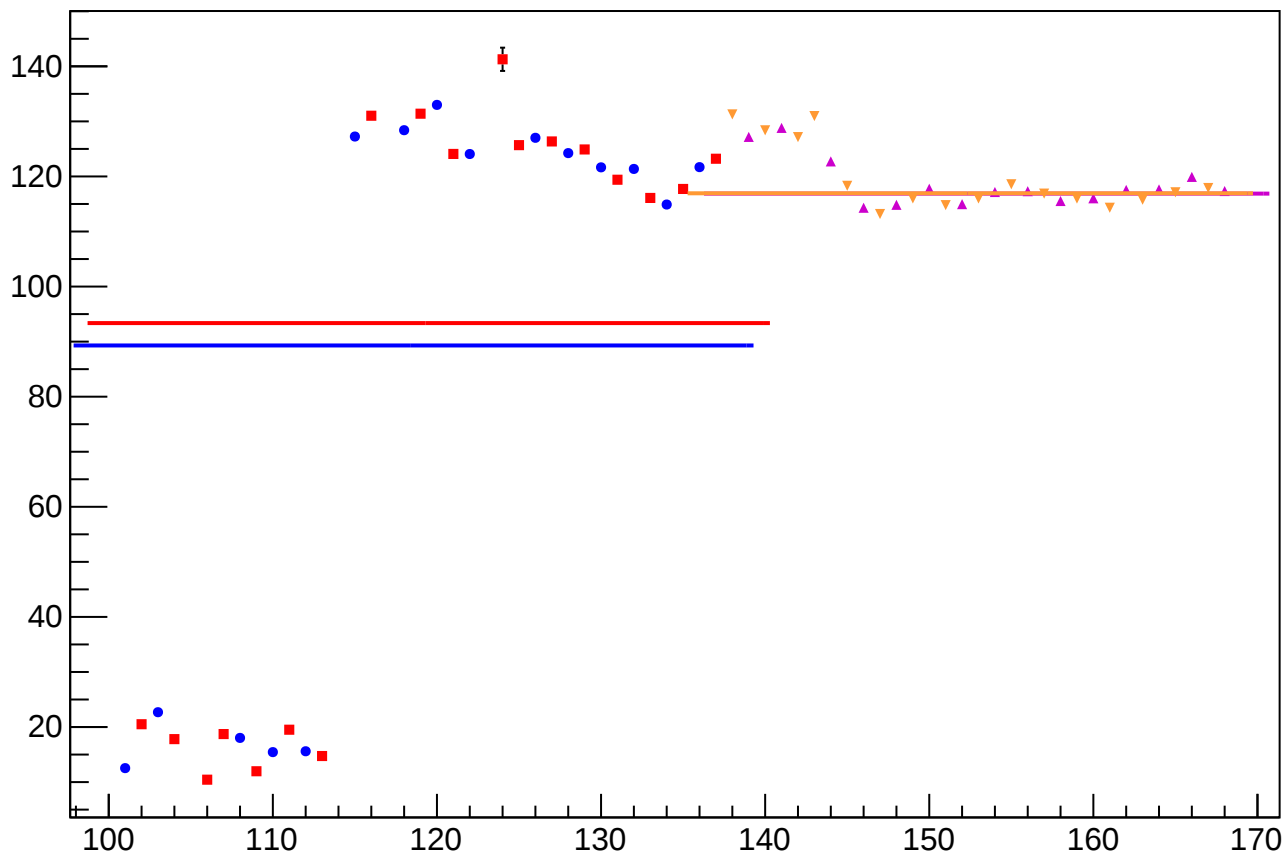
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.590 $\pm$ 0.004 χ^2 /NDF: 337667.8/29

Out: 32.732 $\pm$ 0.004 χ^2 /NDF: 347452.1/33

All: 32.655 $\pm$ 0.003 χ^2 /NDF: 685809.6/63

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 116.940 ± 0.010 $\chi^2/\text{NDF}: 120456.5/15$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.882 ± 0.009 $\chi^2/\text{NDF}: 42714.7/14$

Left: 116.910 ± 0.007 $\chi^2/\text{NDF}: 163190.2/30$

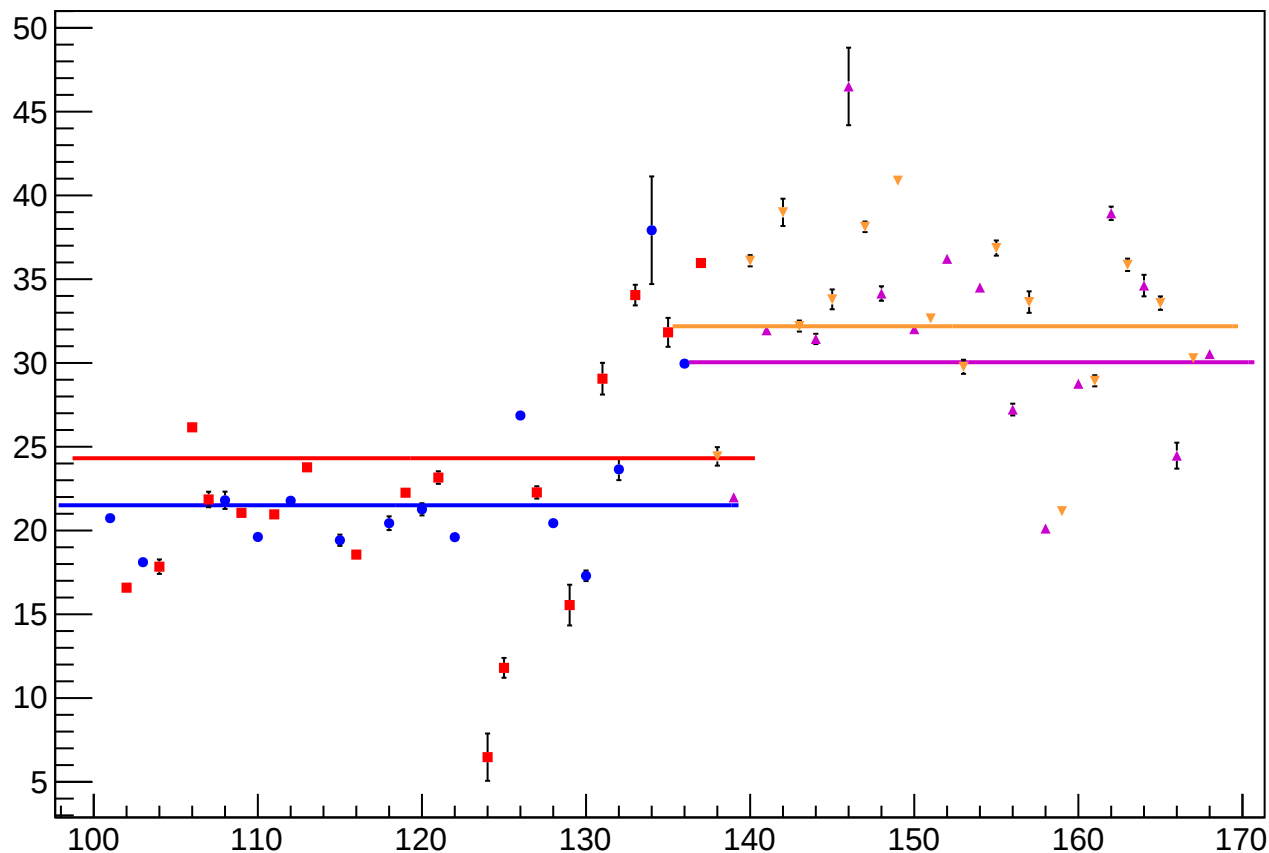
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 113.977 ± 0.009 $\chi^2/\text{NDF}: 3981135.5/29$

Out: 114.709 ± 0.009 $\chi^2/\text{NDF}: 3534121.9/33$

All: 114.330 ± 0.006 $\chi^2/\text{NDF}: 7518523.9/63$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.190 ± 0.085 $\chi^2/\text{NDF}: 3855.6/15$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.044 ± 0.075 $\chi^2/\text{NDF}: 4690.4/14$

Left: 30.976 ± 0.056 $\chi^2/\text{NDF}: 8902.6/30$

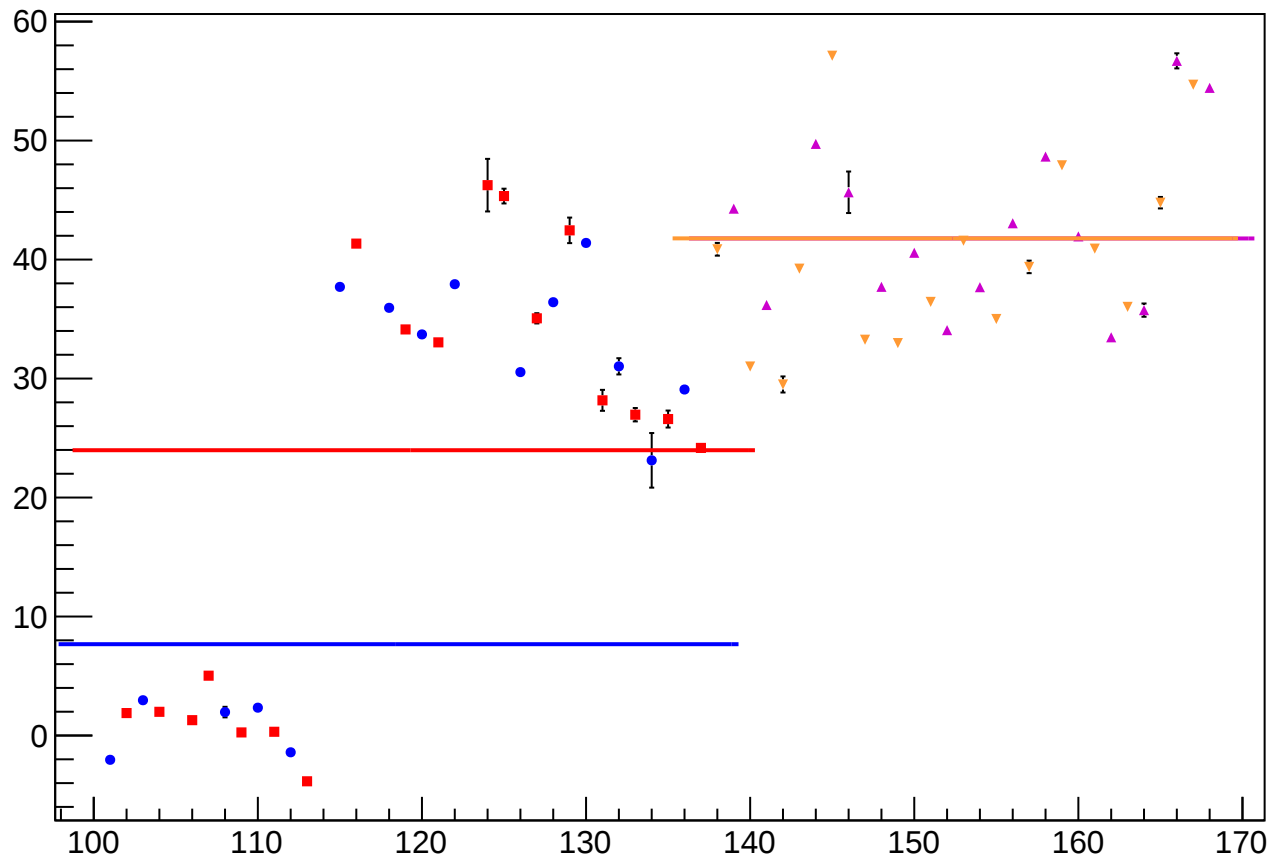
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.625 ± 0.052 $\chi^2/\text{NDF}: 14375.0/29$

Out: 26.824 ± 0.048 $\chi^2/\text{NDF}: 23933.2/33$

All: 26.269 ± 0.035 $\chi^2/\text{NDF}: 38593.3/63$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 41.781 ± 0.071 χ^2/NDF : 14135.6/15

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 41.773 ± 0.062 χ^2/NDF : 8455.1/14

Left: 41.777 ± 0.047 χ^2/NDF : 22590.7/30

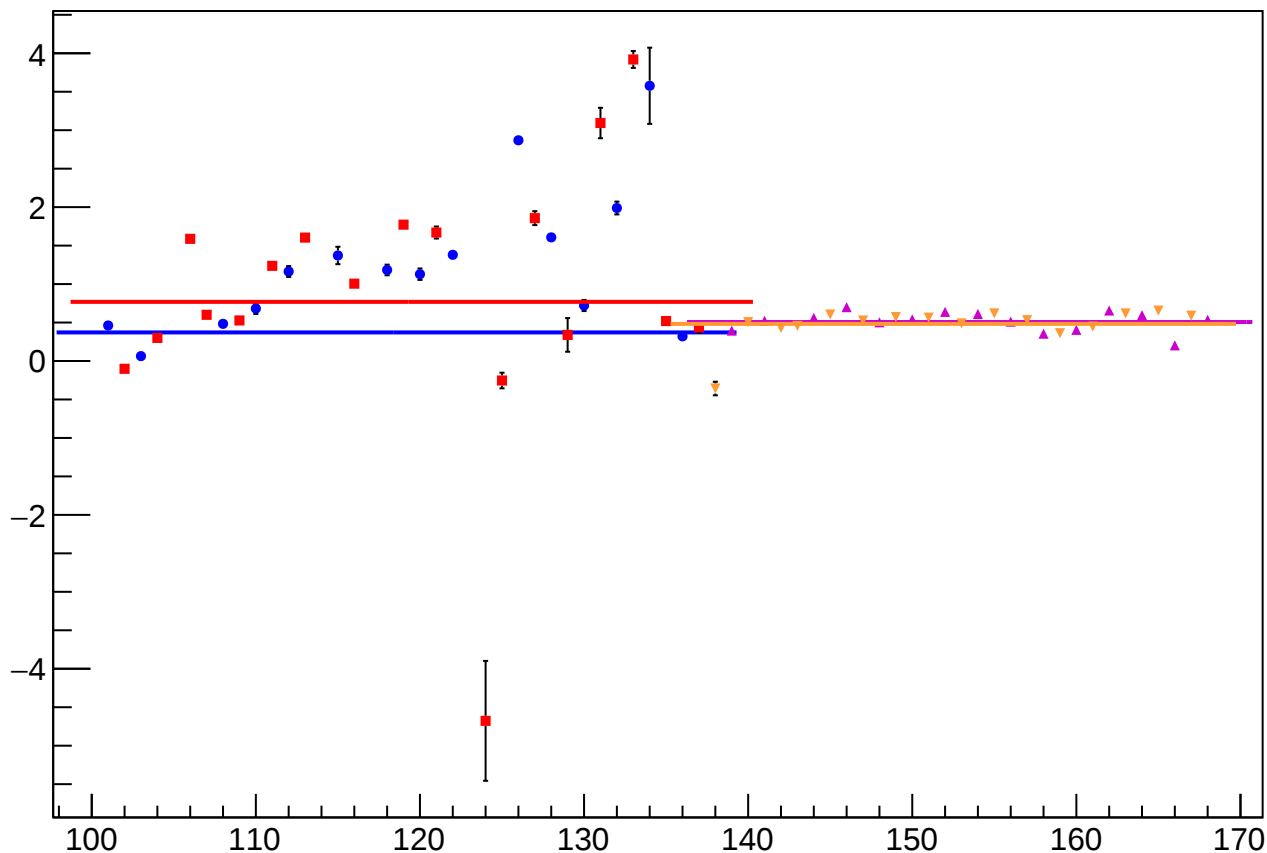
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 19.506 ± 0.037 χ^2/NDF : 302044.0/29

Out: 24.213 ± 0.008 χ^2/NDF : 187530.3/33

All: 23.992 ± 0.008 χ^2/NDF : 505379.2/63

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.482 $\pm$ 0.001 χ^2 /NDF:6441.2/15

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.507 $\pm$ 0.001 χ^2 /NDF:8756.1/14

Left: 0.496 $\pm$ 0.001 χ^2 /NDF: 15410.5/30

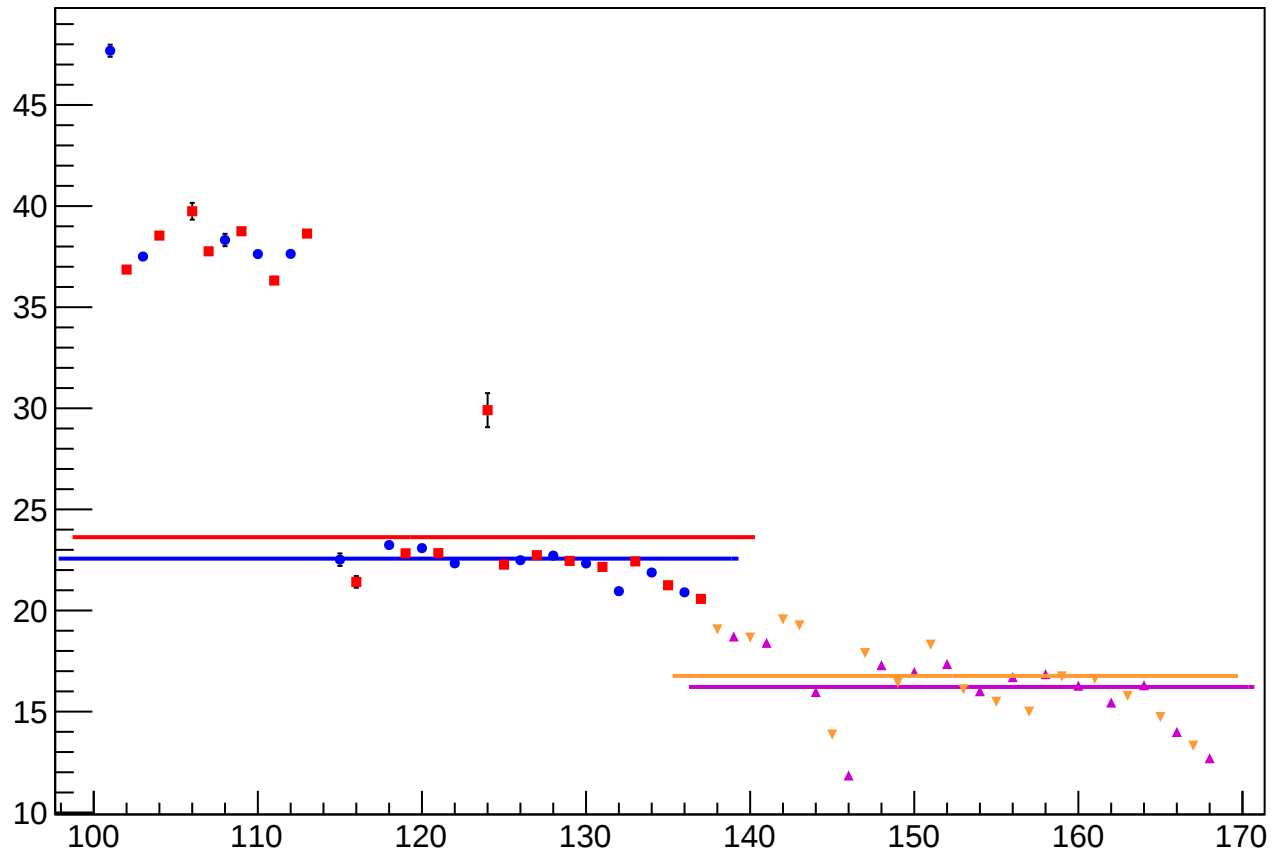
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.498 $\pm$ 0.001 χ^2 /NDF:14404.1/29

Out: 0.491 $\pm$ 0.001 χ^2 /NDF:12233.3/33

All: 0.495 $\pm$ 0.001 χ^2 /NDF: 26657.5/63

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 16.764 $\pm$ 0.007 χ^2 /NDF: 73382.0/15

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.219 $\pm$ 0.007 χ^2 /NDF: 52315.0/14

Left: 16.508 $\pm$ 0.005 χ^2 /NDF: 128692.8/30

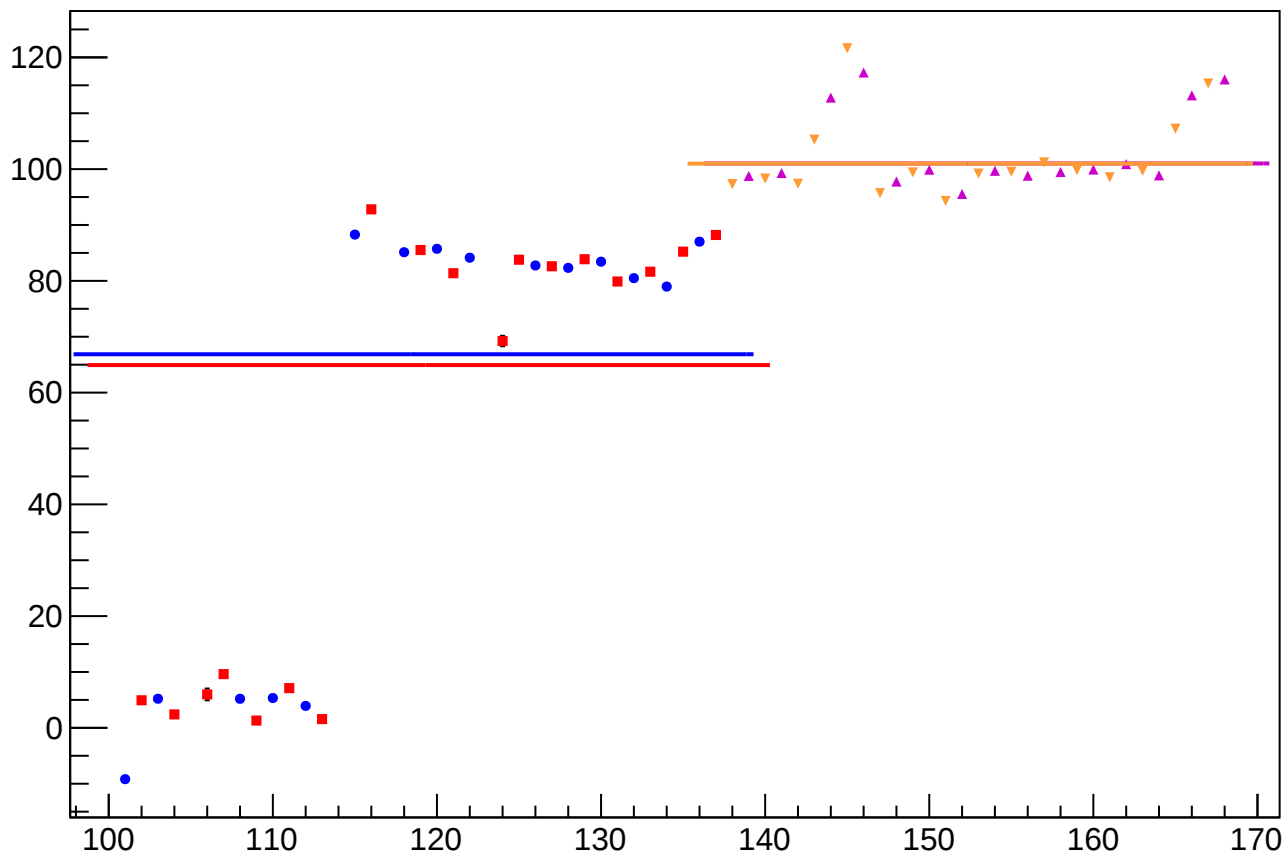
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 18.356 $\pm$ 0.006 χ^2 /NDF: 403222.7/29

Out: 18.613 $\pm$ 0.006 χ^2 /NDF: 469831.5/33

All: 18.487 $\pm$ 0.004 χ^2 /NDF: 874015.9/63

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2/NDF : 1494212.3/14

Left Out: 100.984 $\pm$ 0.013 χ^2/NDF :200646.8/15

Right Out: 64.929 $\pm$ 0.030 χ^2/NDF : 1334580.7/17

Left In: 101.011 $\pm$ 0.012 χ^2/NDF :175124.5/14

Left: 100.998 $\pm$ 0.009 χ^2/NDF : 375773.5/30

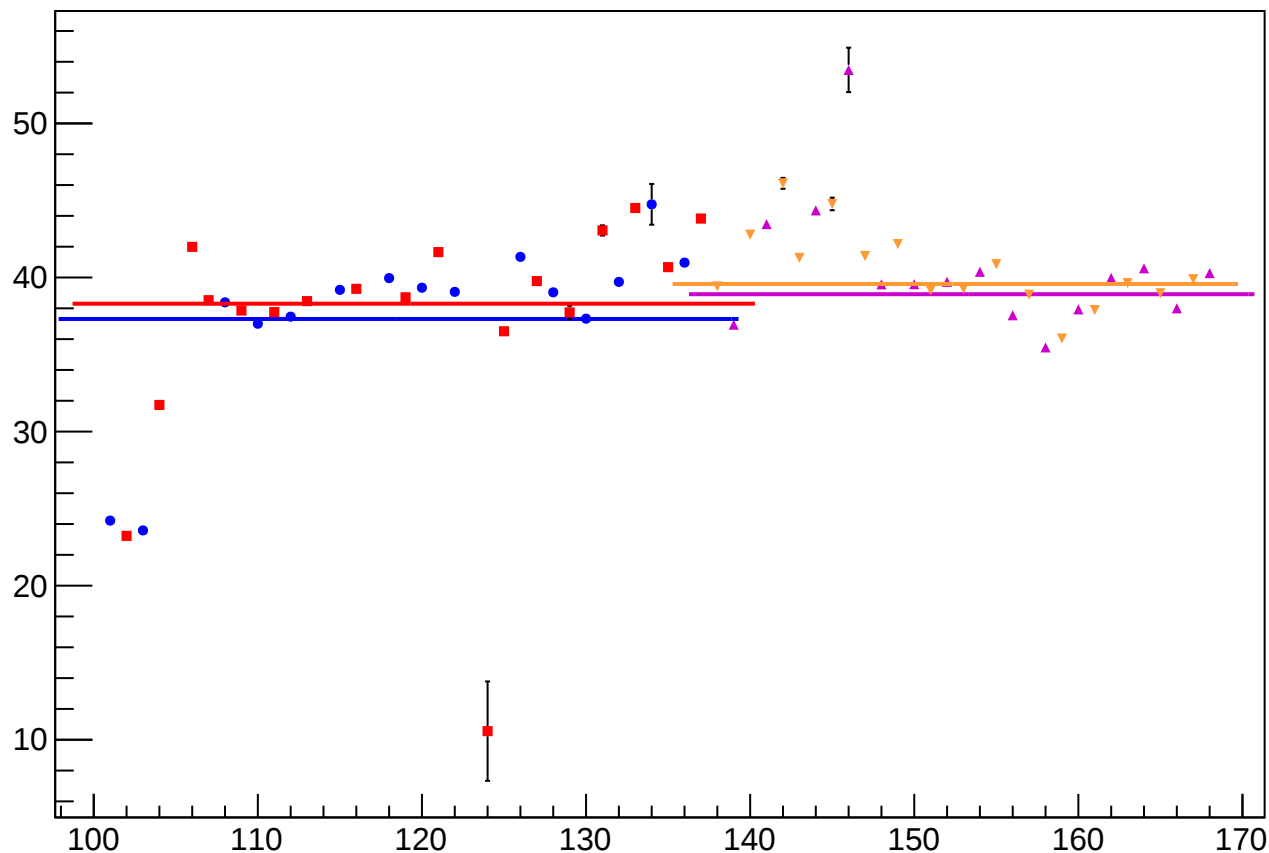
Right: 65.988 $\pm$ 0.020 χ^2/NDF : 2831116.5/32

In: 95.031 $\pm$ 0.011 χ^2/NDF :2982661.6/29

Out: 95.306 $\pm$ 0.012 χ^2/NDF :2774541.6/33

All: 95.163 $\pm$ 0.008 χ^2/NDF : 5757483.9/63

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.581 ± 0.034 $\chi^2/\text{NDF}: 3892.9/15$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.915 ± 0.027 $\chi^2/\text{NDF}: 5592.0/14$

Left: 39.175 ± 0.021 $\chi^2/\text{NDF}: 9717.3/30$

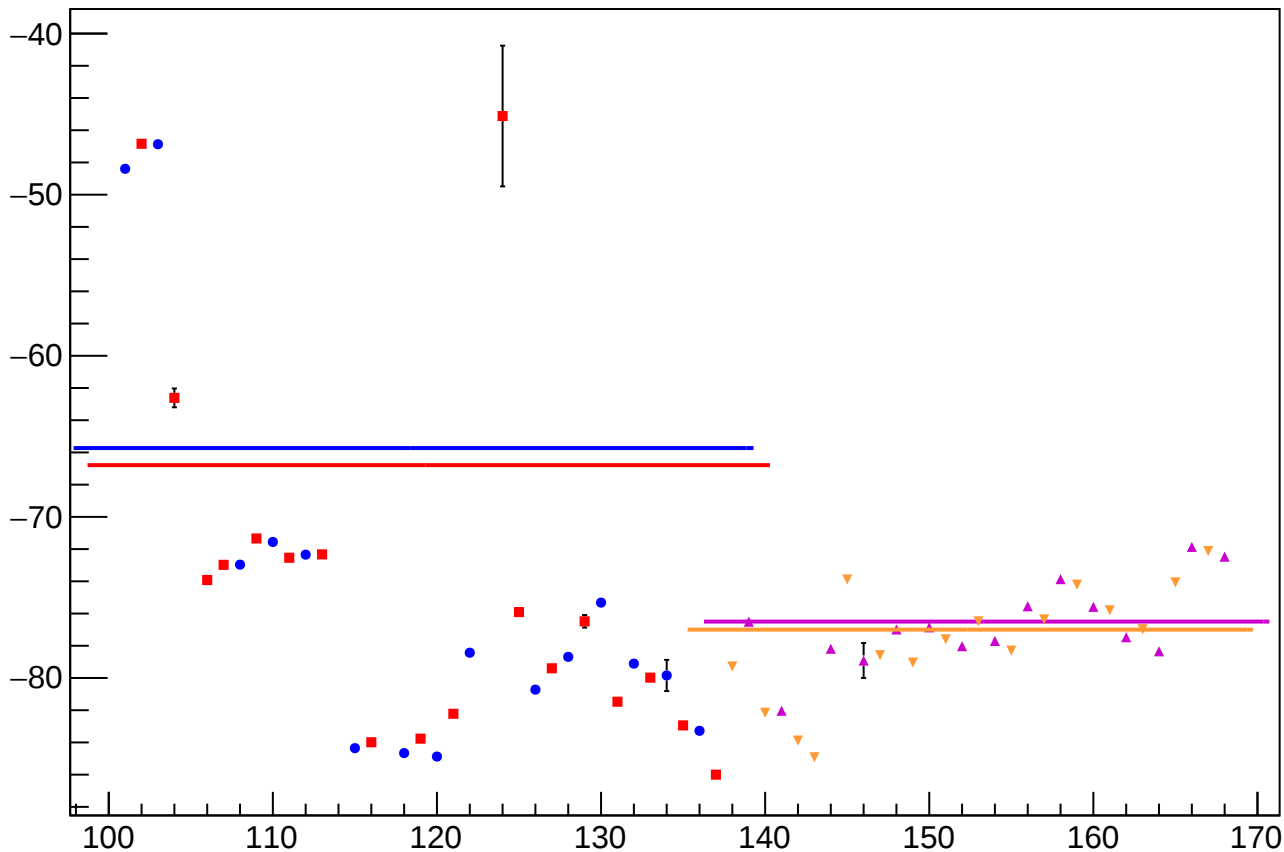
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.978 ± 0.018 $\chi^2/\text{NDF}: 67193.7/29$

Out: 38.640 ± 0.018 $\chi^2/\text{NDF}: 23769.2/33$

All: 38.310 ± 0.012 $\chi^2/\text{NDF}: 91670.8/63$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -76.999 ± 0.028 $\chi^2/\text{NDF}: 16553.3/15$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.499 ± 0.022 $\chi^2/\text{NDF}: 7648.1/14$

Left: -76.688 ± 0.017 $\chi^2/\text{NDF}: 24399.3/30$

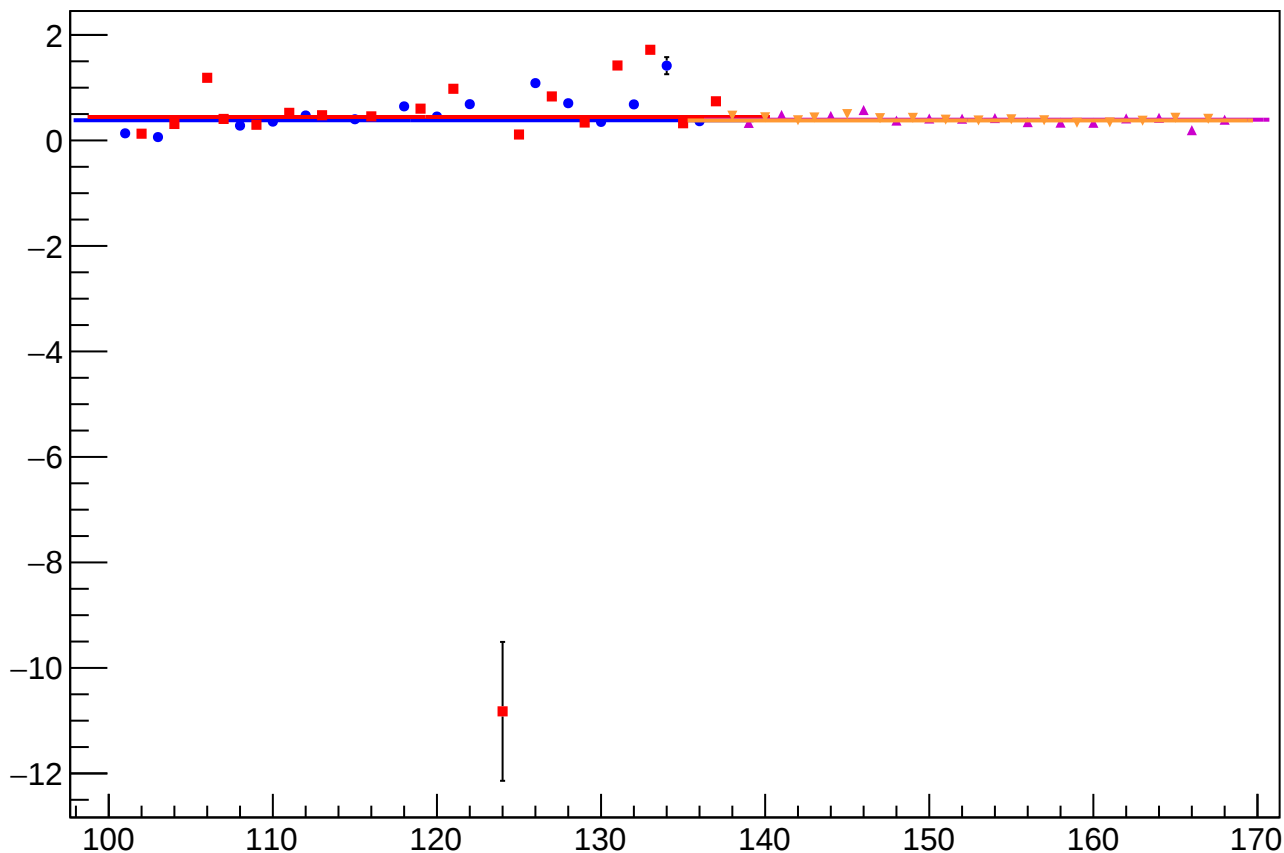
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.749 ± 0.013 $\chi^2/\text{NDF}: 1063273.4/29$

Out: -69.252 ± 0.014 $\chi^2/\text{NDF}: 926607.1/33$

All: -69.508 ± 0.010 $\chi^2/\text{NDF}: 1990552.2/63$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.379 $\pm$ 0.001 χ^2 /NDF: 5831.7/15

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.393 $\pm$ 0.001 χ^2 /NDF: 6473.8/14

Left: 0.386 $\pm$ 0.000 χ^2 /NDF: 12649.1/30

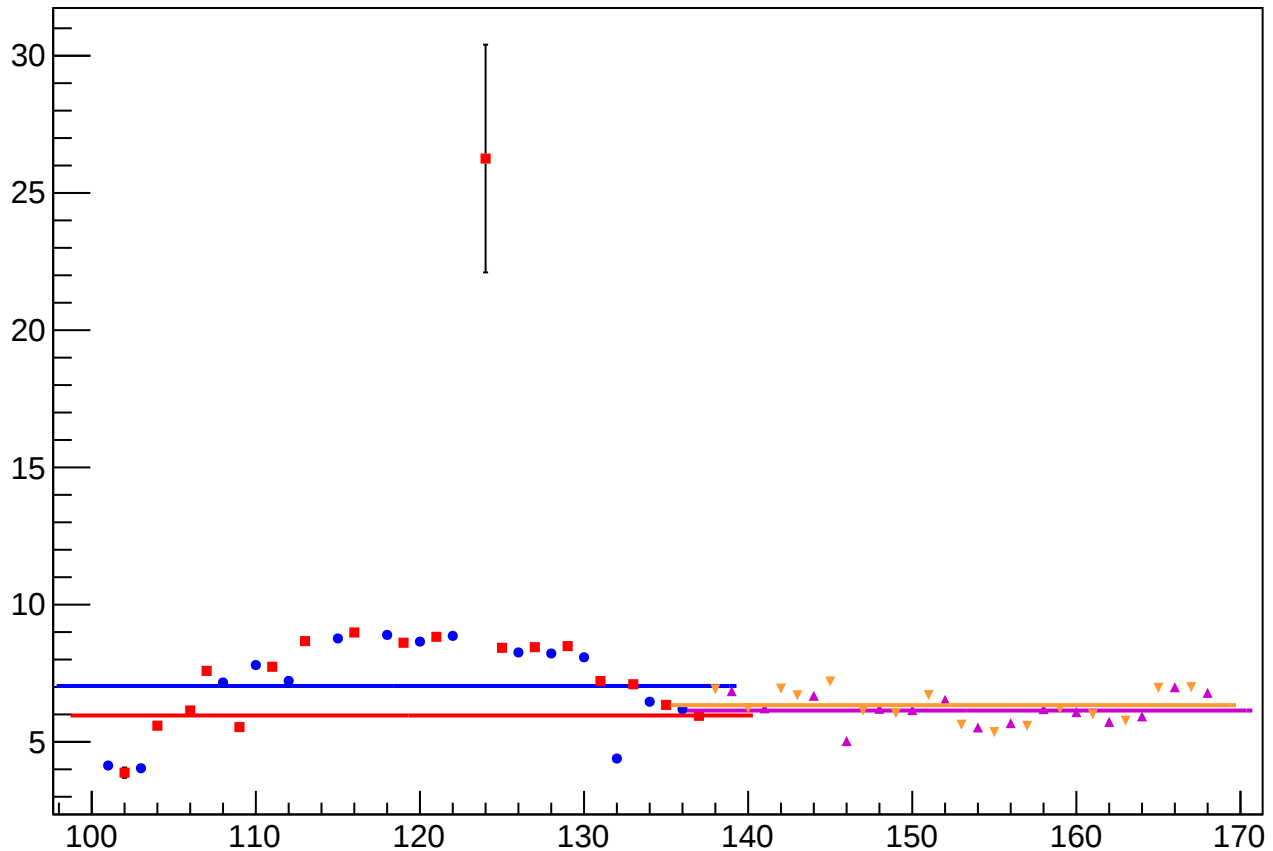
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14675.2/29

Out: 0.380 $\pm$ 0.001 χ^2 /NDF: 8926.8/33

All: 0.387 $\pm$ 0.000 χ^2 /NDF: 23860.8/63

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.338 $\pm$ 0.002 χ^2 /NDF:56142.4/15

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.142 $\pm$ 0.002 χ^2 /NDF:40980.7/14

Left: 6.233 $\pm$ 0.001 χ^2 /NDF: 103682.9/30

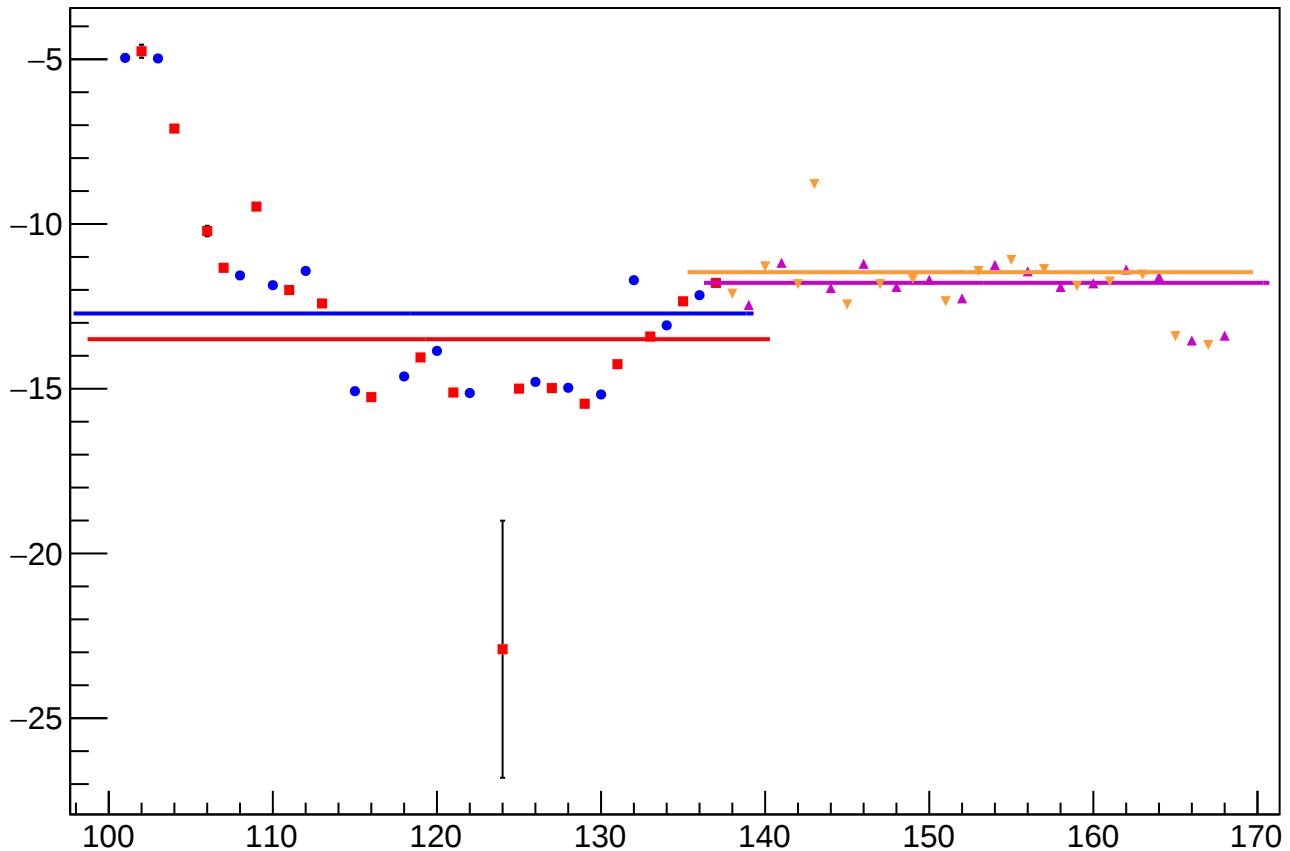
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.247 $\pm$ 0.002 χ^2 /NDF:145401.9/29

Out: 5.981 $\pm$ 0.000 χ^2 /NDF:267497.2/33

All: 5.997 $\pm$ 0.000 χ^2 /NDF: 440603.9/63

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.461 ± 0.002 $\chi^2/\text{NDF}: 271587.7/15$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.786 ± 0.002 $\chi^2/\text{NDF}: 37683.5/14$

Left: -11.631 ± 0.002 $\chi^2/\text{NDF}: 318741.2/30$

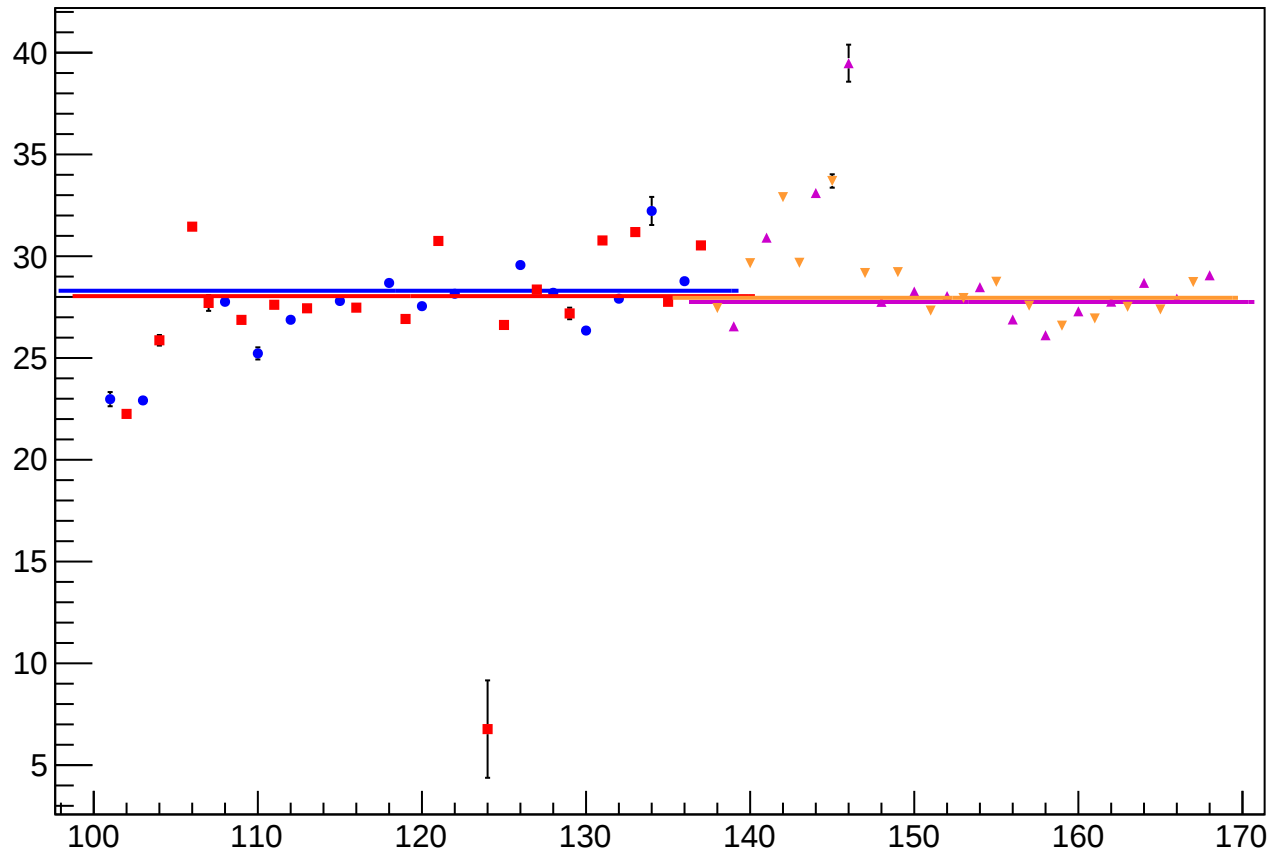
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.893 ± 0.002 $\chi^2/\text{NDF}: 141681.0/29$

Out: -11.761 ± 0.002 $\chi^2/\text{NDF}: 431874.0/33$

All: -11.829 ± 0.002 $\chi^2/\text{NDF}: 575371.9/63$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 27.958 ± 0.020 $\chi^2/\text{NDF}: 3670.0/15$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 27.751 ± 0.017 $\chi^2/\text{NDF}: 4840.0/14$

Left: 27.834 ± 0.013 $\chi^2/\text{NDF}: 8571.8/30$

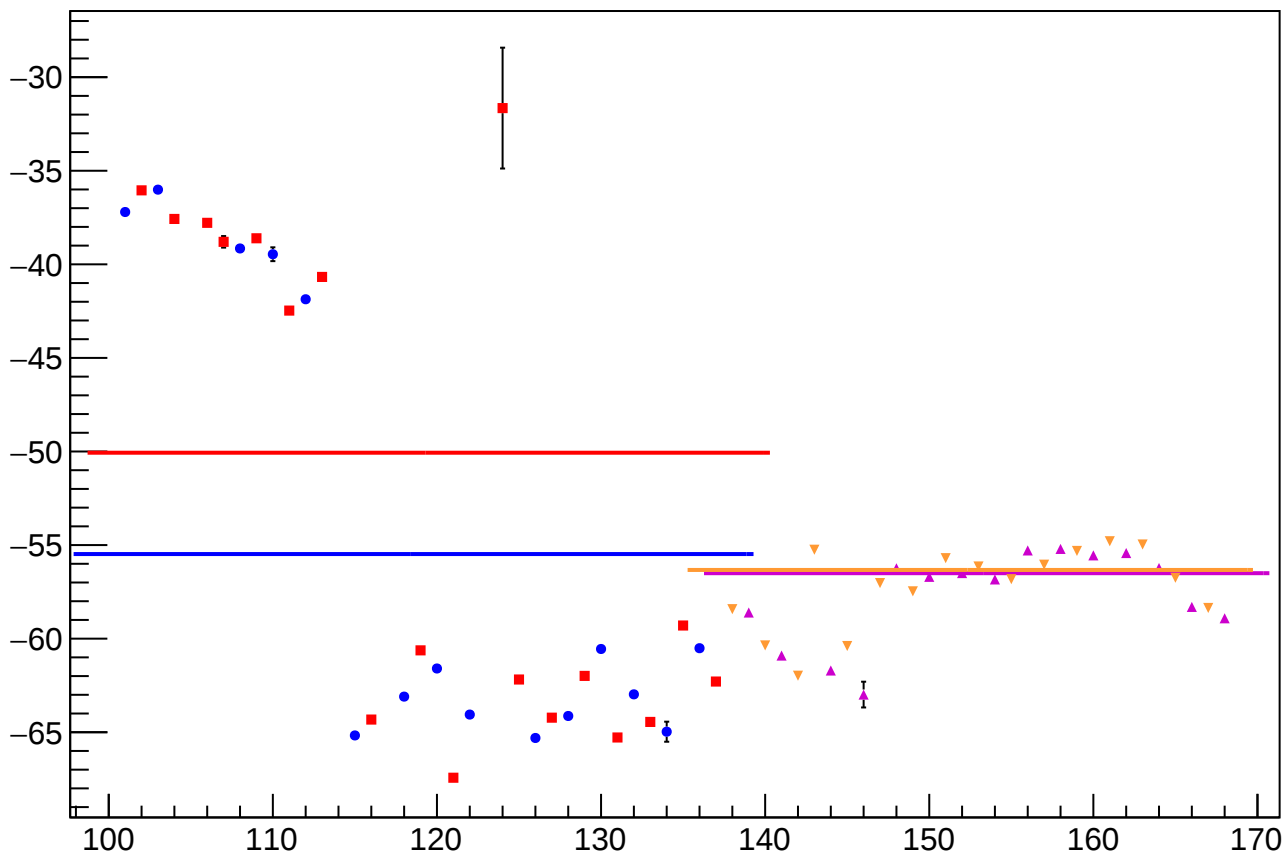
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.939 ± 0.013 $\chi^2/\text{NDF}: 8618.3/29$

Out: 27.983 ± 0.017 $\chi^2/\text{NDF}: 6236.5/33$

All: 27.956 ± 0.011 $\chi^2/\text{NDF}: 14859.0/63$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.329 ± 0.017 $\chi^2/\text{NDF}: 7951.3/15$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.502 ± 0.014 $\chi^2/\text{NDF}: 9290.8/14$

Left: -56.433 ± 0.011 $\chi^2/\text{NDF}: 17303.7/30$

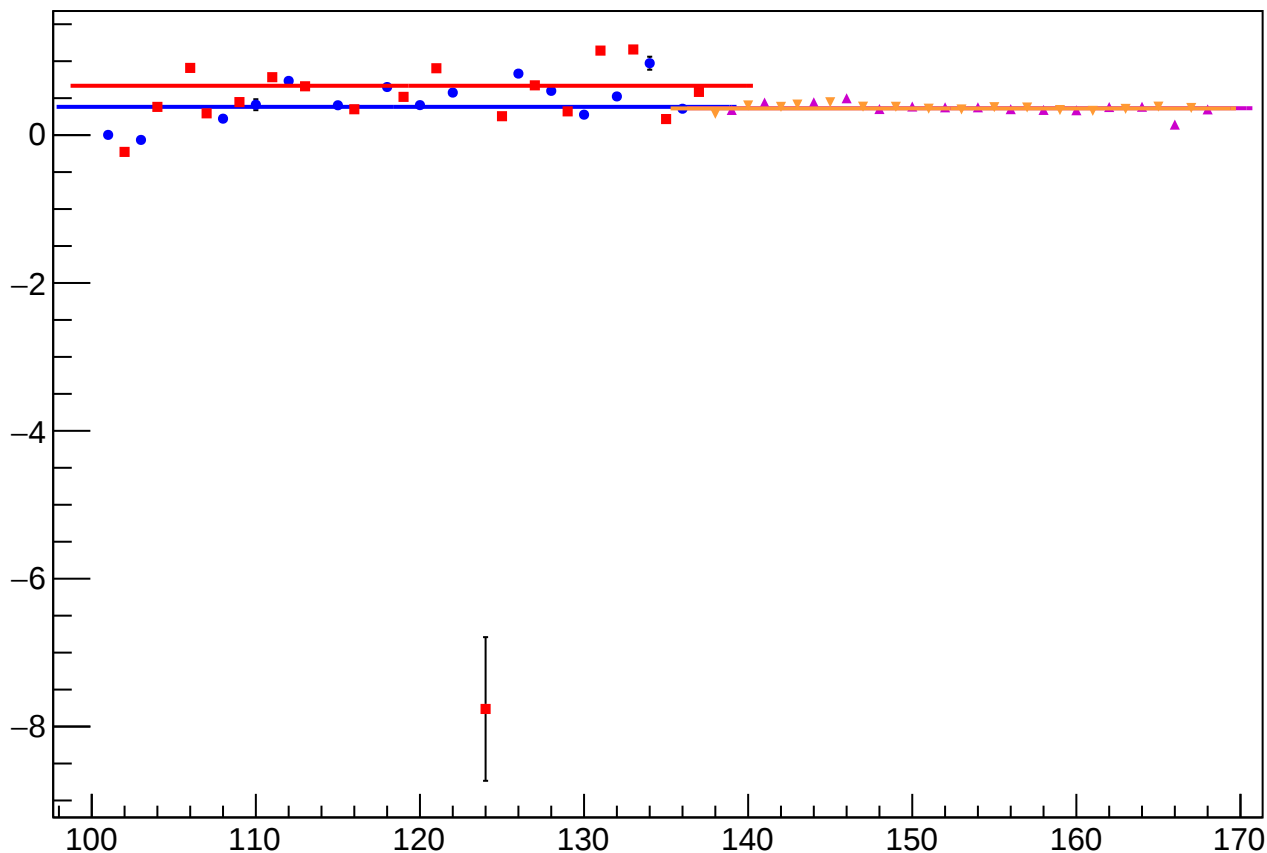
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.078 ± 0.011 $\chi^2/\text{NDF}: 606661.5/29$

Out: -54.119 ± 0.014 $\chi^2/\text{NDF}: 395536.6/33$

All: -55.341 ± 0.008 $\chi^2/\text{NDF}: 1014884.6/63$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.361 ± 0.000 χ^2/NDF : 3913.7/15

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.364 ± 0.000 χ^2/NDF : 5135.1/14

Left: 0.363 ± 0.000 χ^2/NDF : 9072.7/30

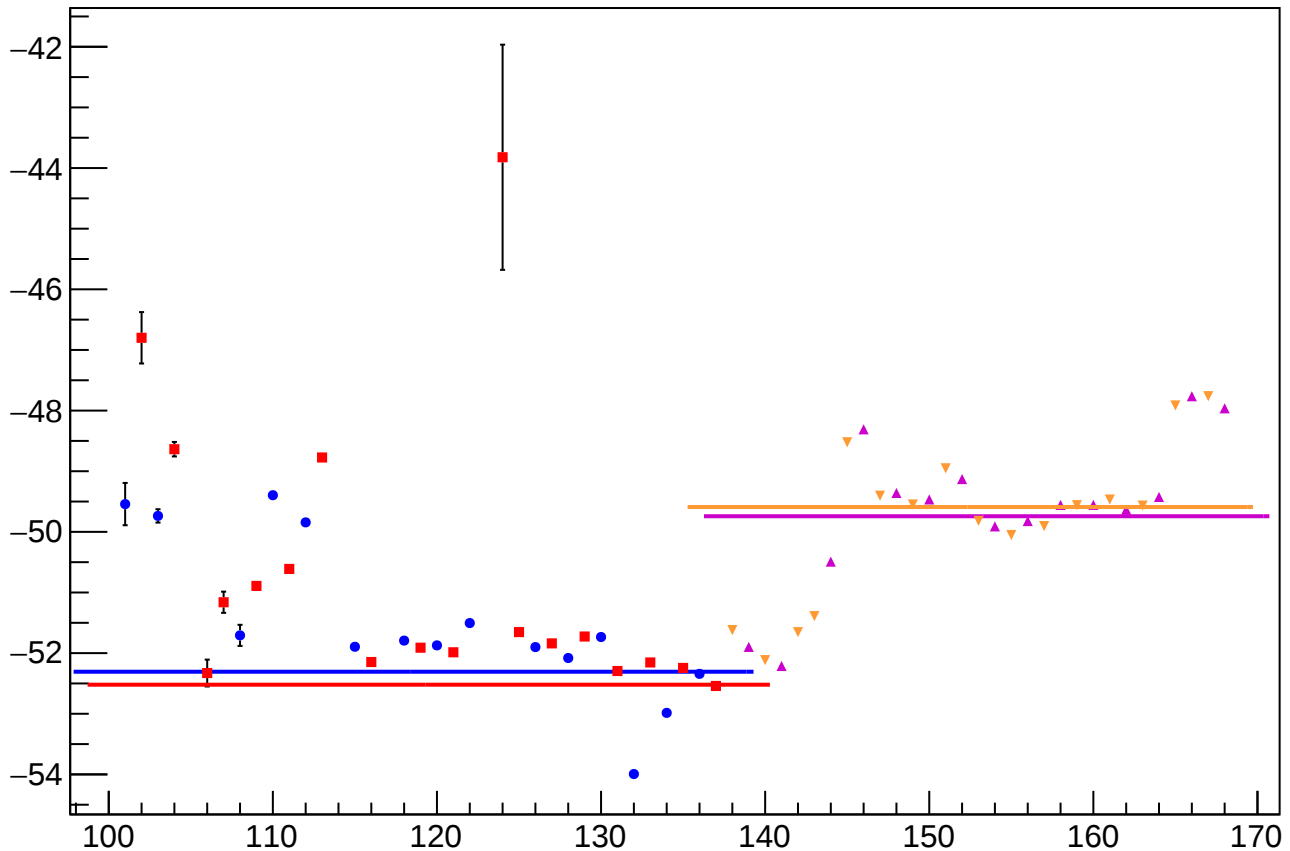
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.365 ± 0.000 χ^2/NDF : 9857.8/29

Out: 0.363 ± 0.000 χ^2/NDF : 12012.7/33

All: 0.364 ± 0.000 χ^2/NDF : 21876.6/63

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.590 ± 0.002 χ^2/NDF : 335884.2/15

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.742 ± 0.002 χ^2/NDF : 295539.2/14

Left: -49.668 ± 0.001 χ^2/NDF : 636025.4/30

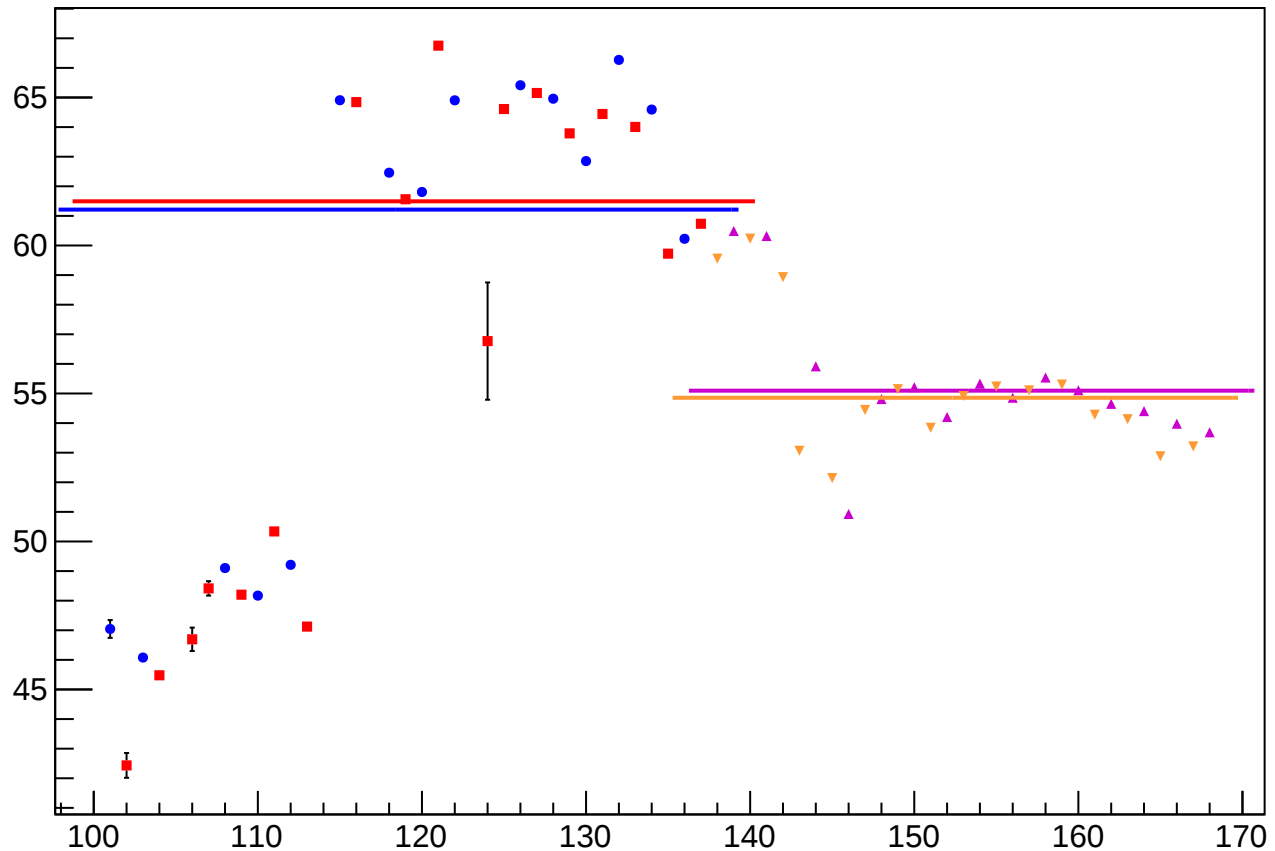
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -50.102 ± 0.001 χ^2/NDF : 696312.2/29

Out: -51.579 ± 0.001 χ^2/NDF : 2619035.6/33

All: -51.164 ± 0.001 χ^2/NDF : 4056763.2/63

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.855 ± 0.003 χ^2/NDF : 234740.8/15

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.095 ± 0.003 χ^2/NDF : 71382.4/14

Left: 54.989 ± 0.002 χ^2/NDF : 308975.8/30

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.603 ± 0.003 χ^2/NDF : 576240.3/29

Out: 56.182 ± 0.003 χ^2/NDF : 1259572.1/33

All: 55.879 ± 0.002 χ^2/NDF : 1855289.8/63

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

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Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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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_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

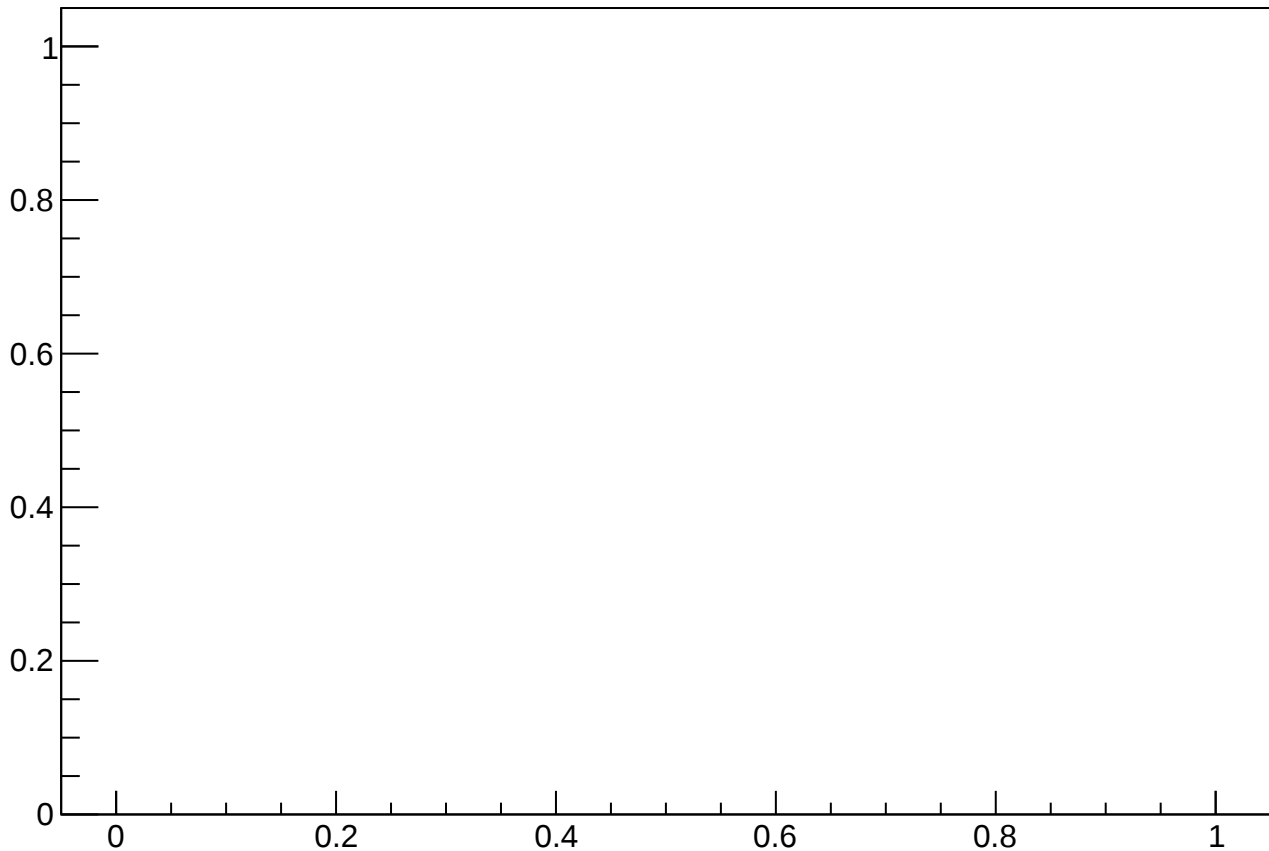
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

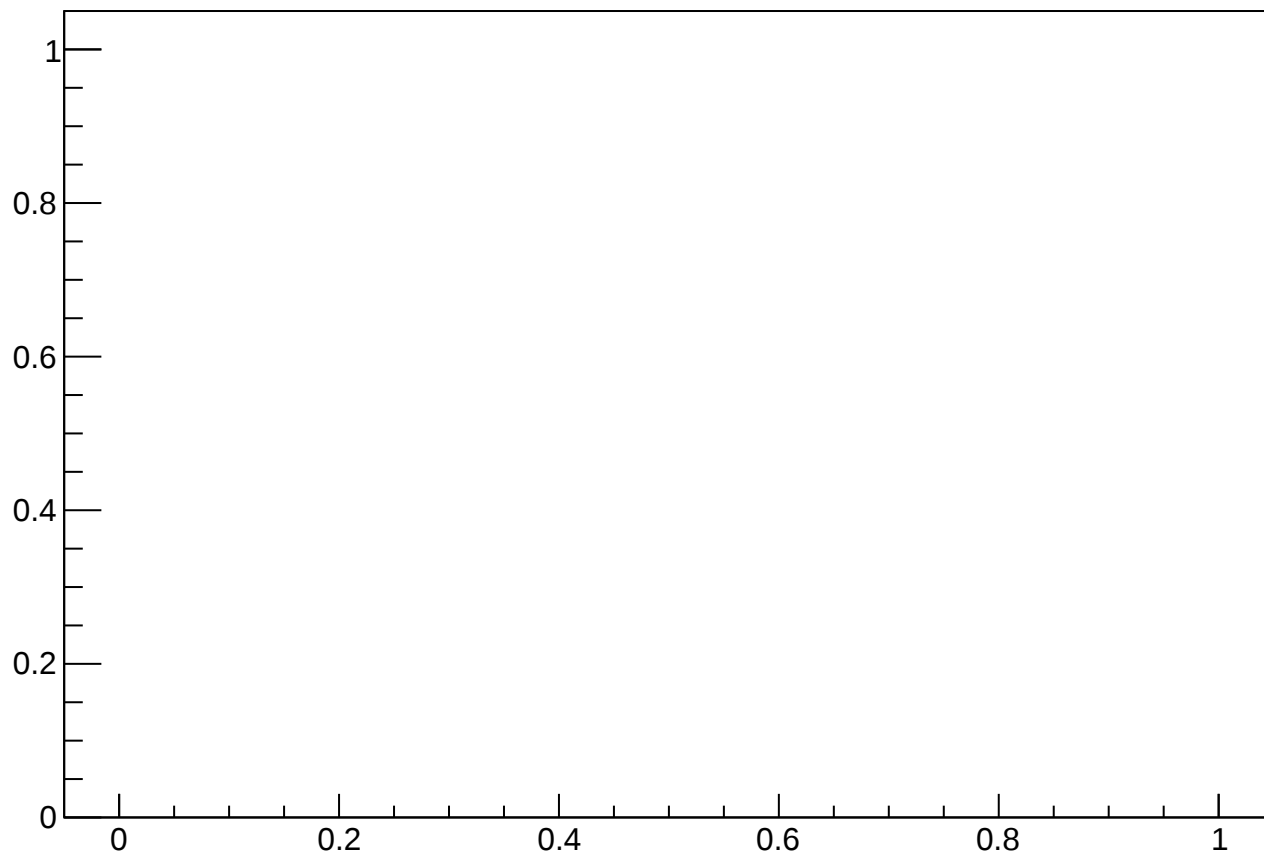
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

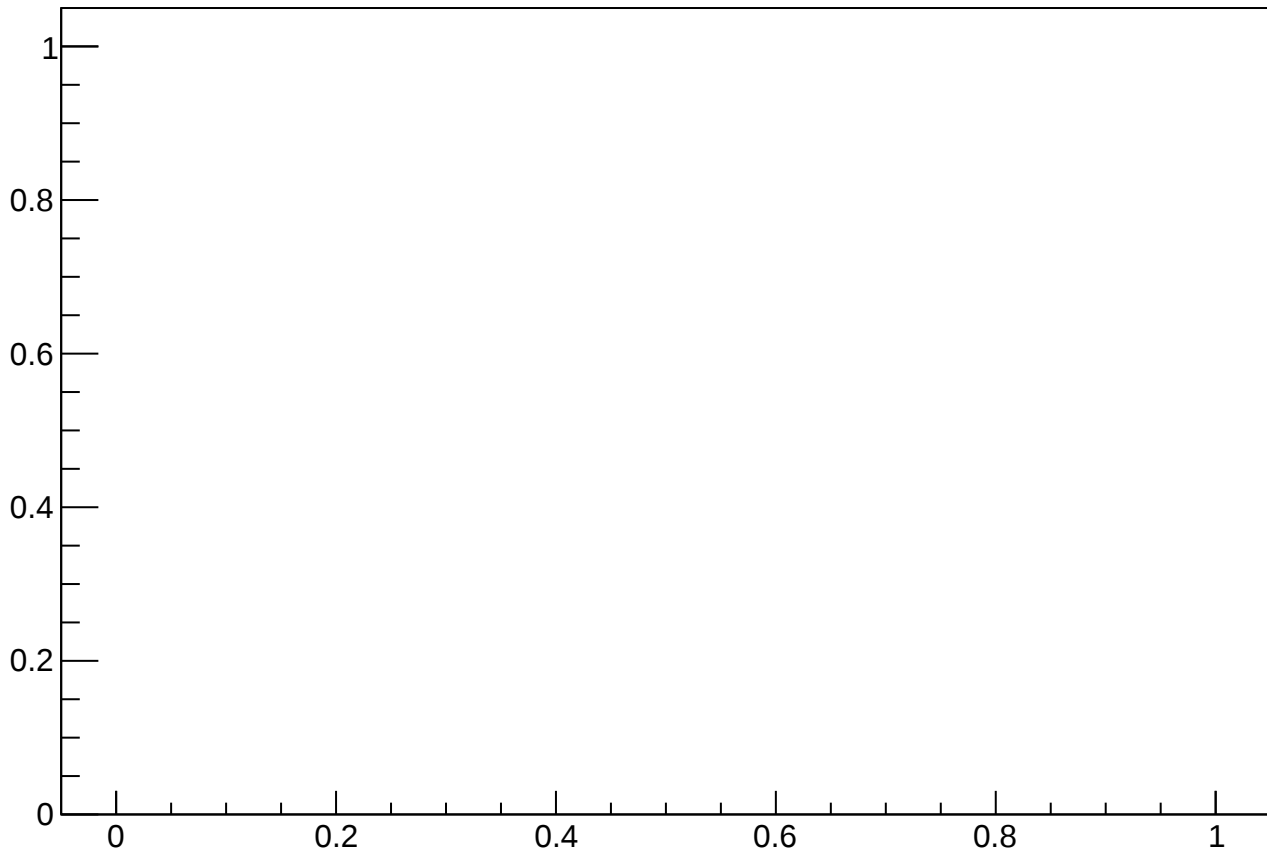
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

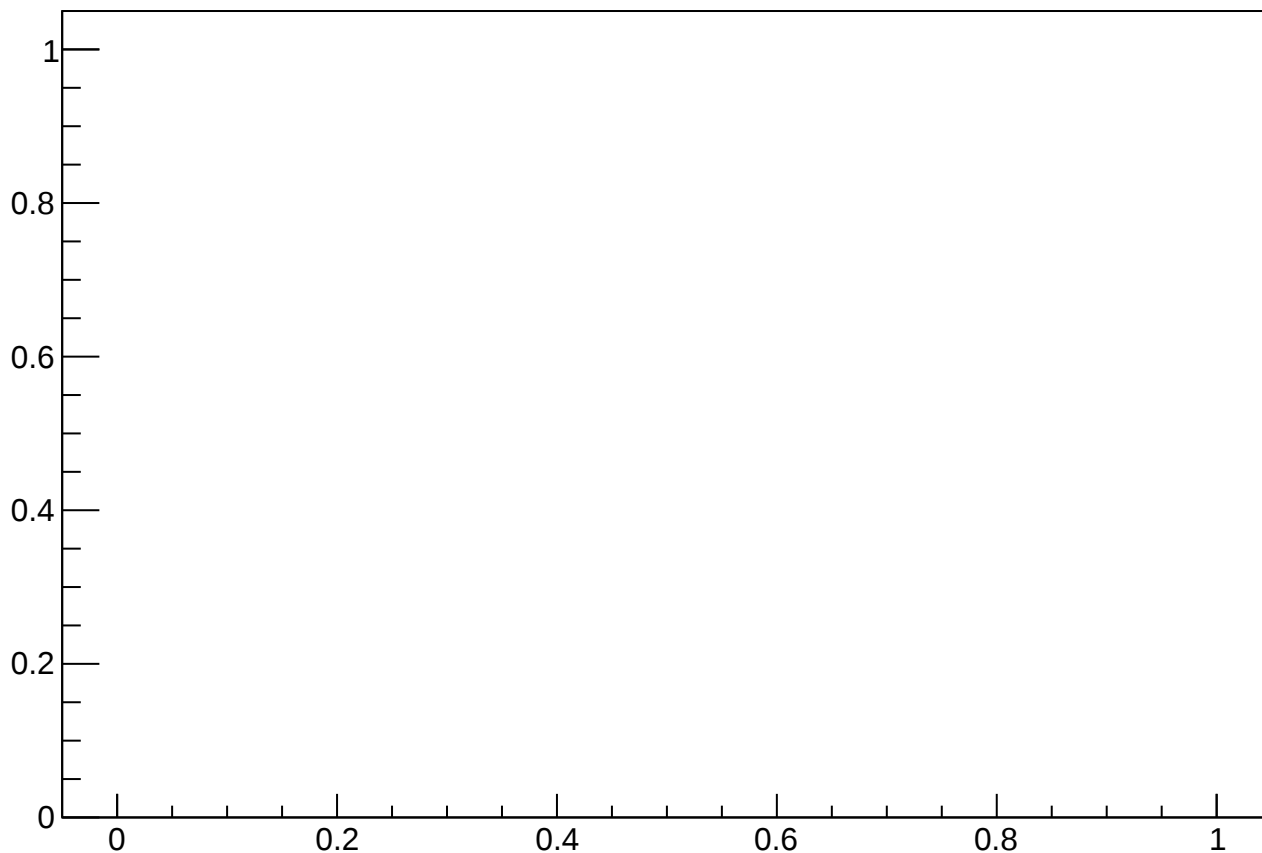
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

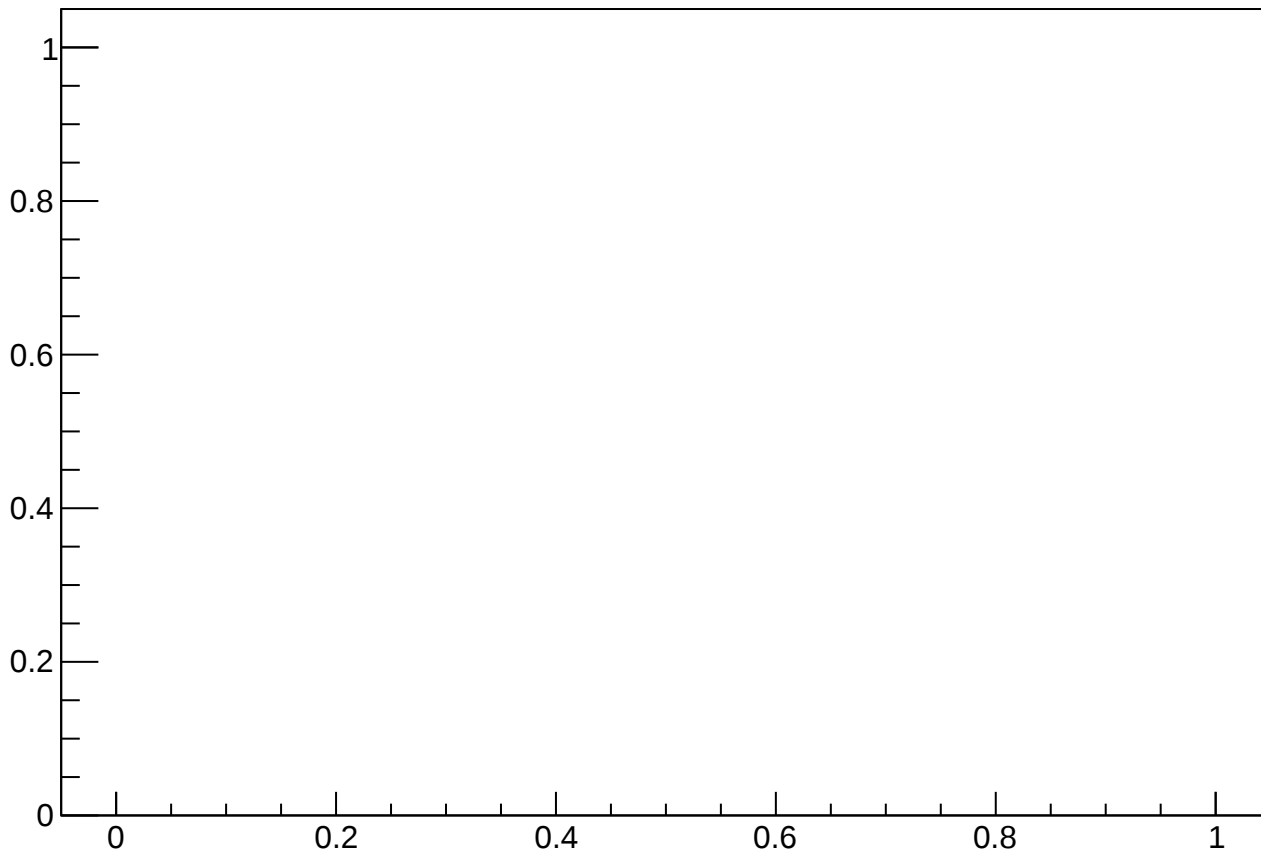
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

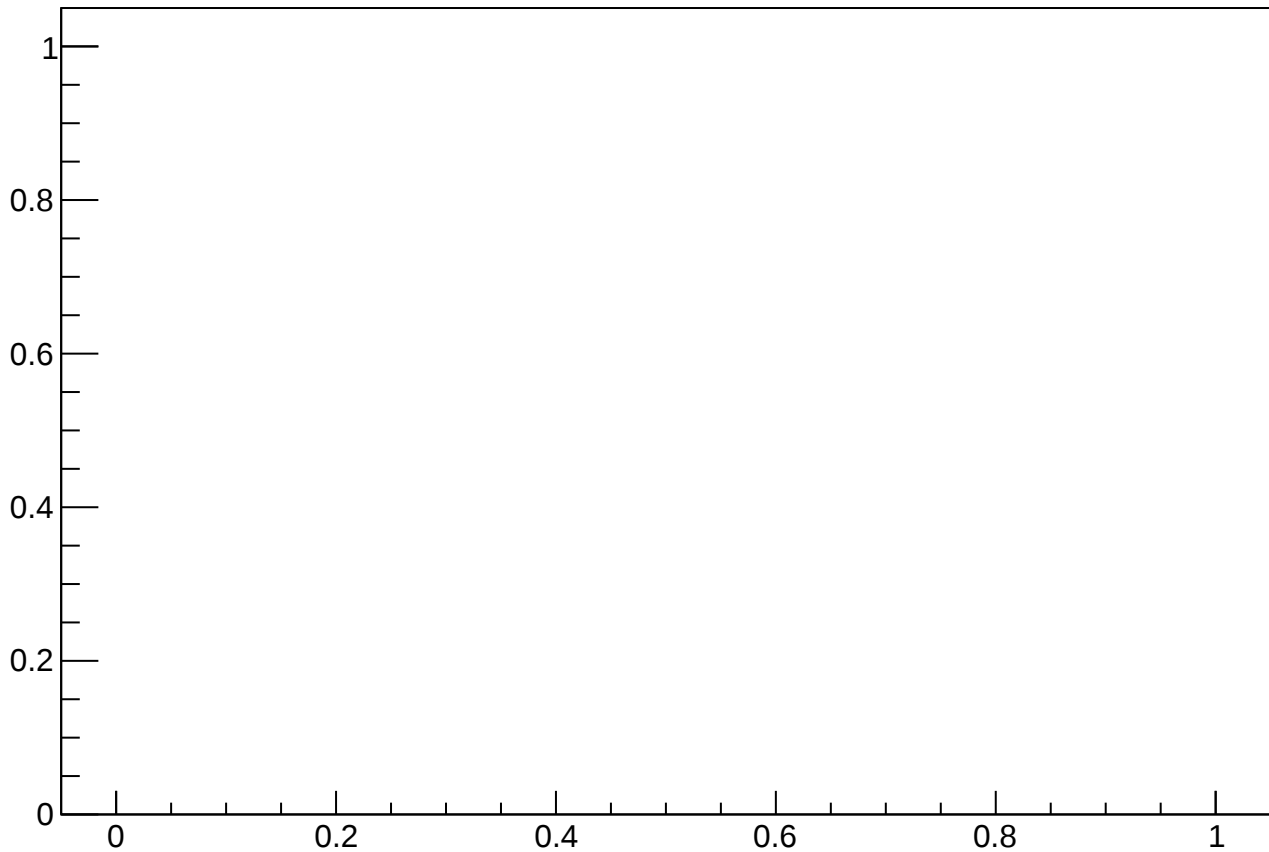
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

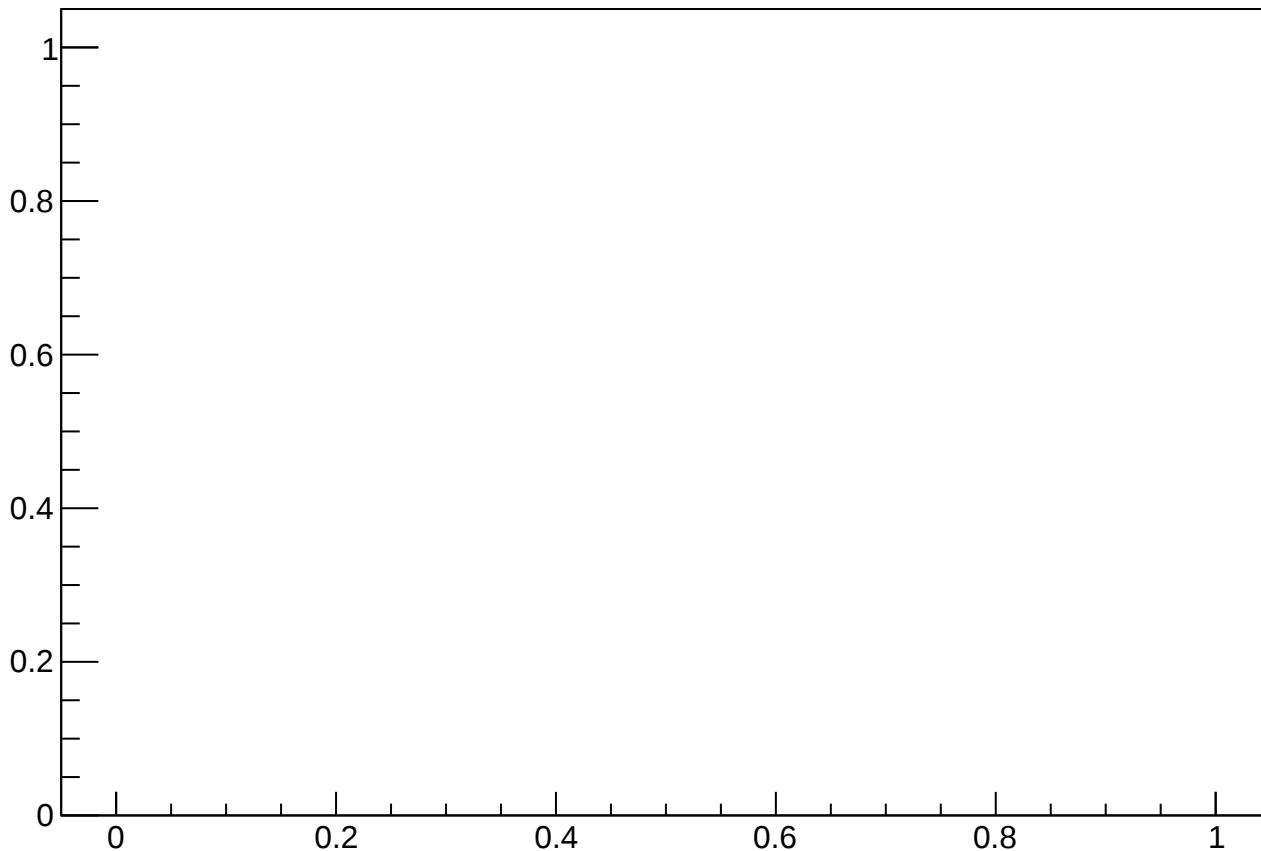
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

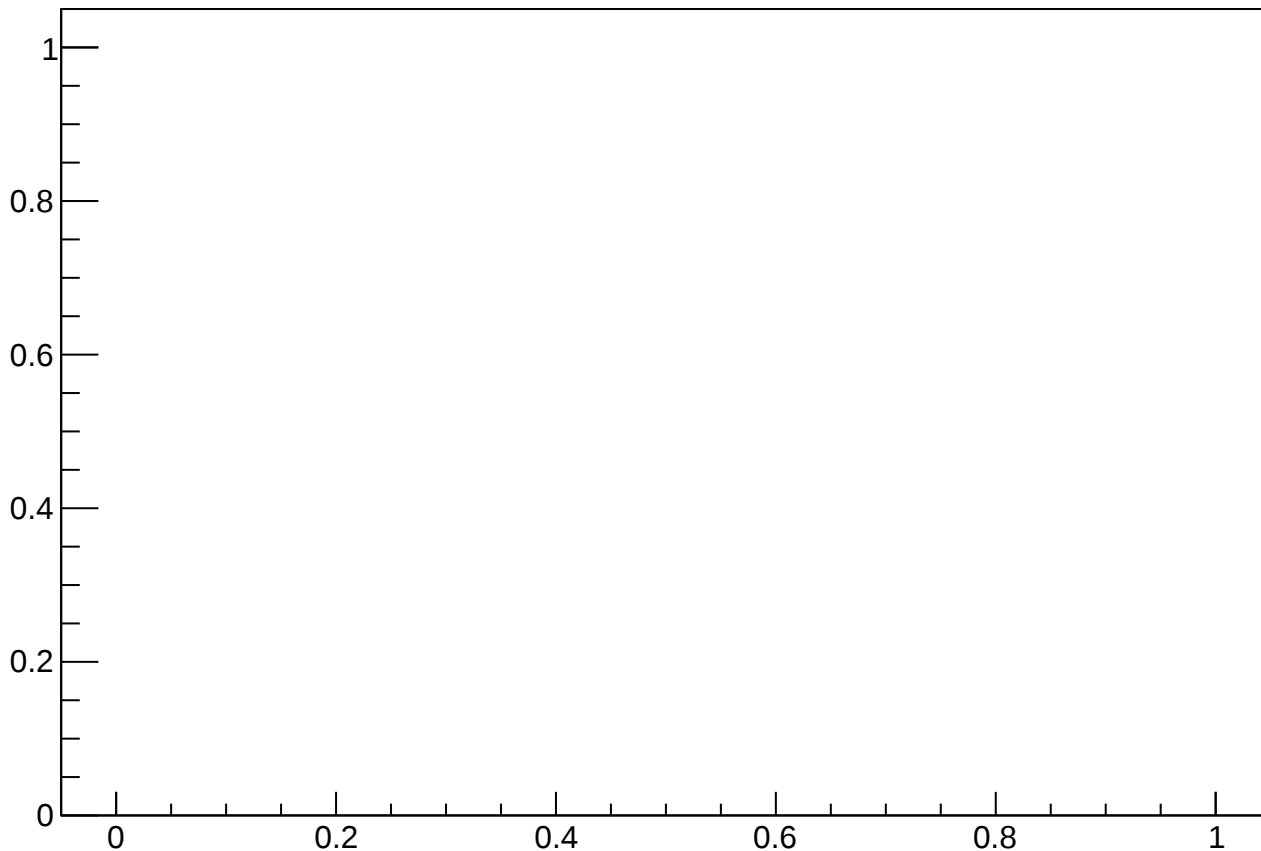
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

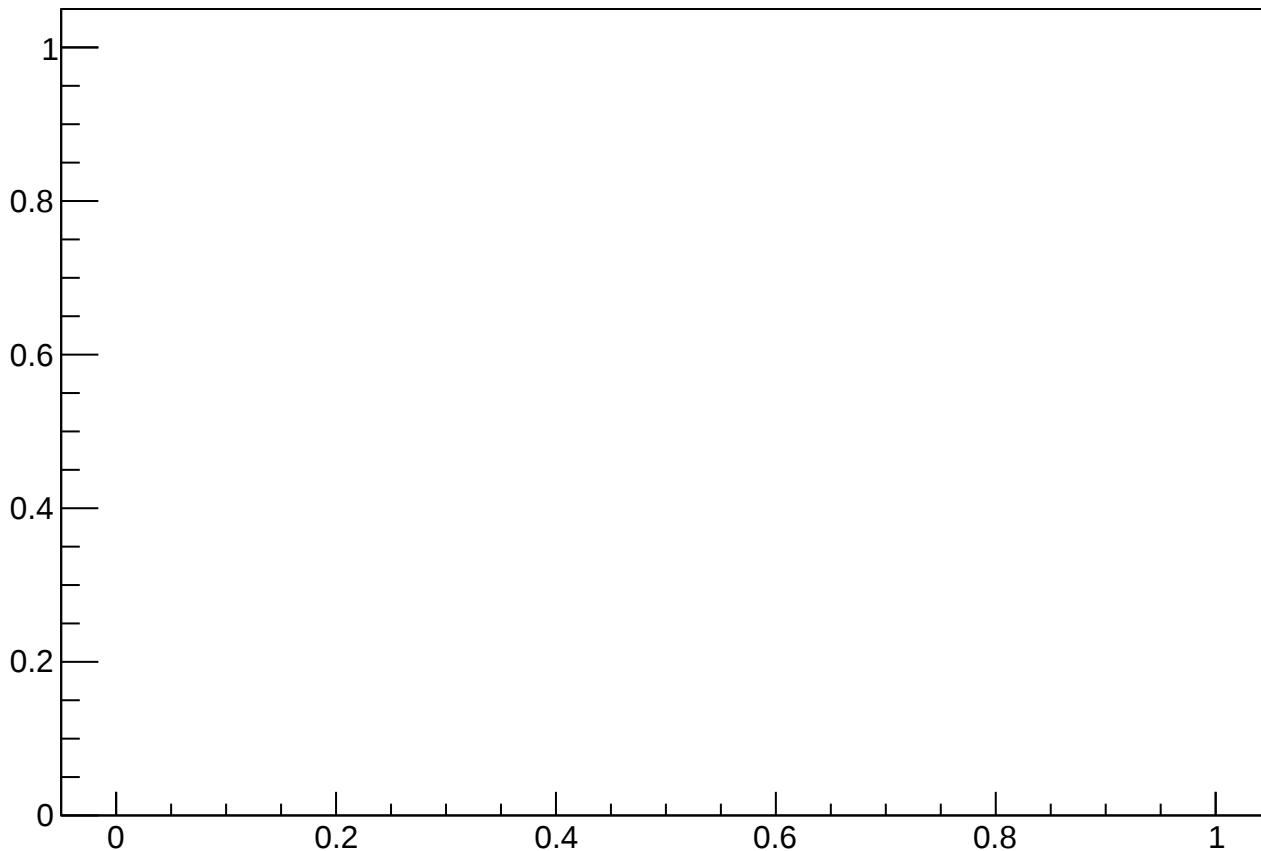
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

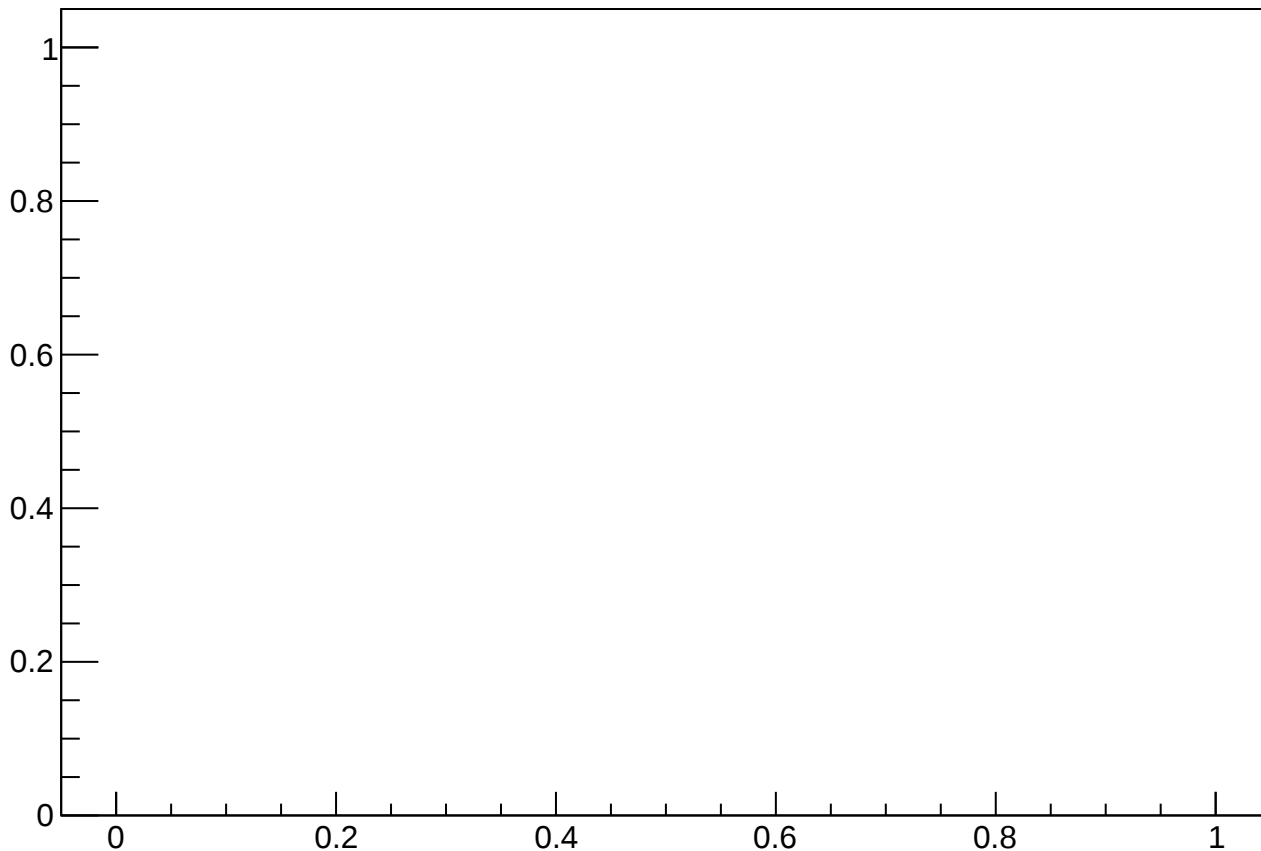
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

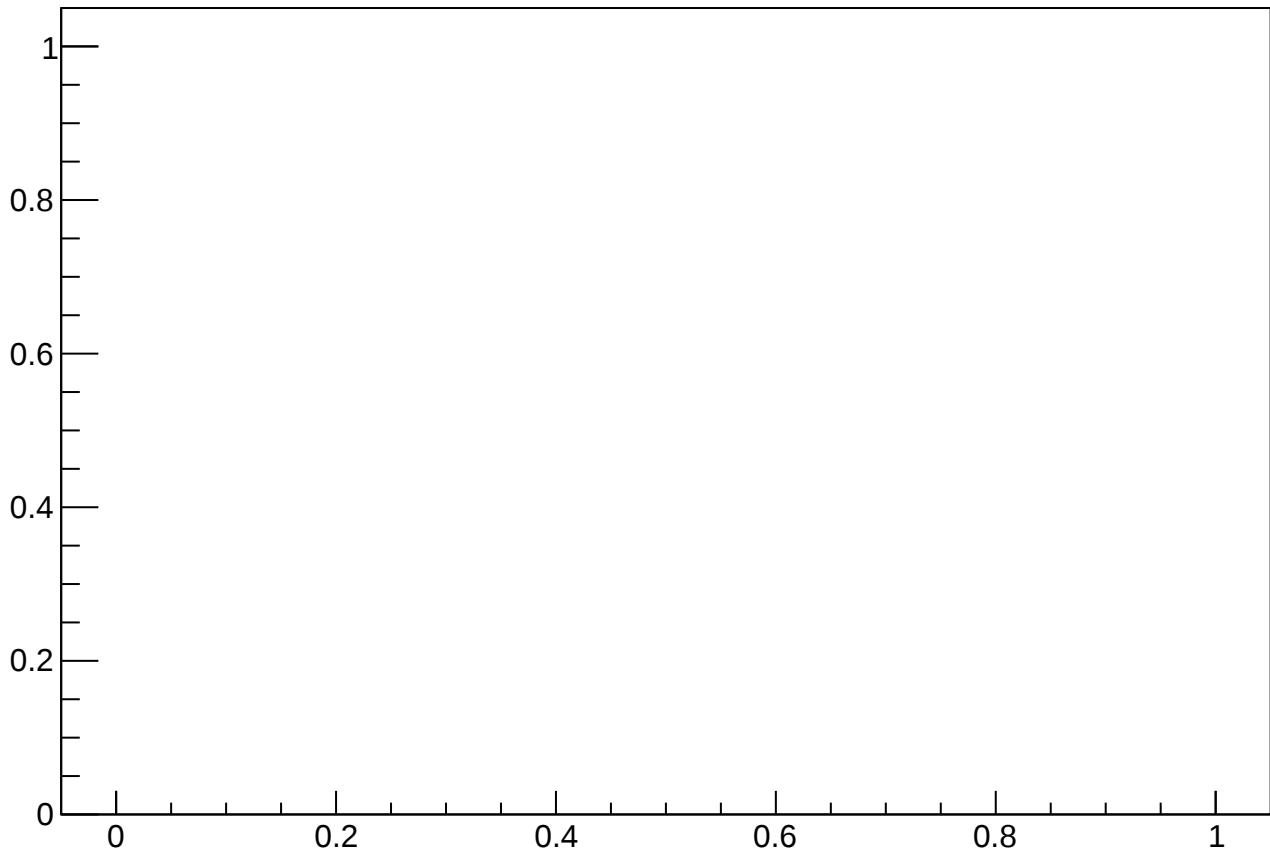
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

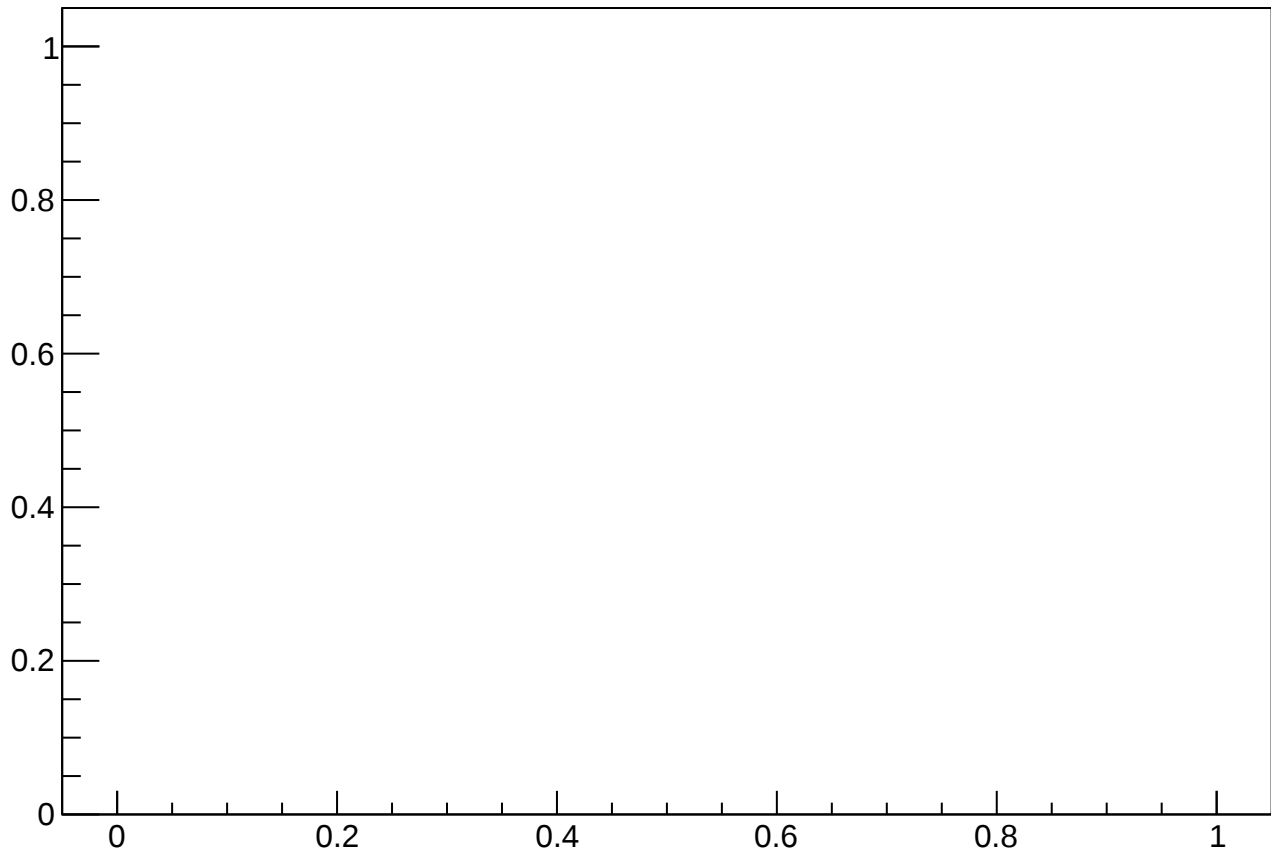
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

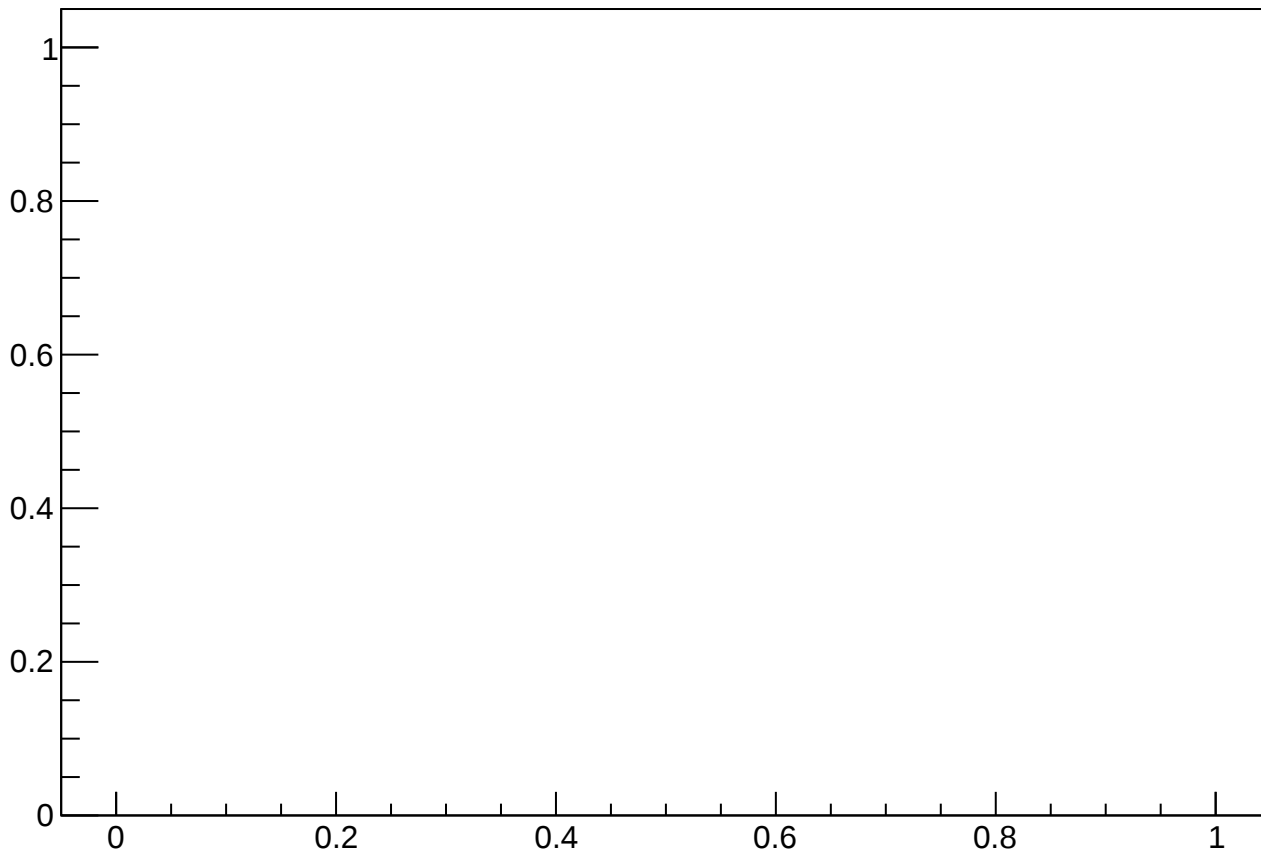
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

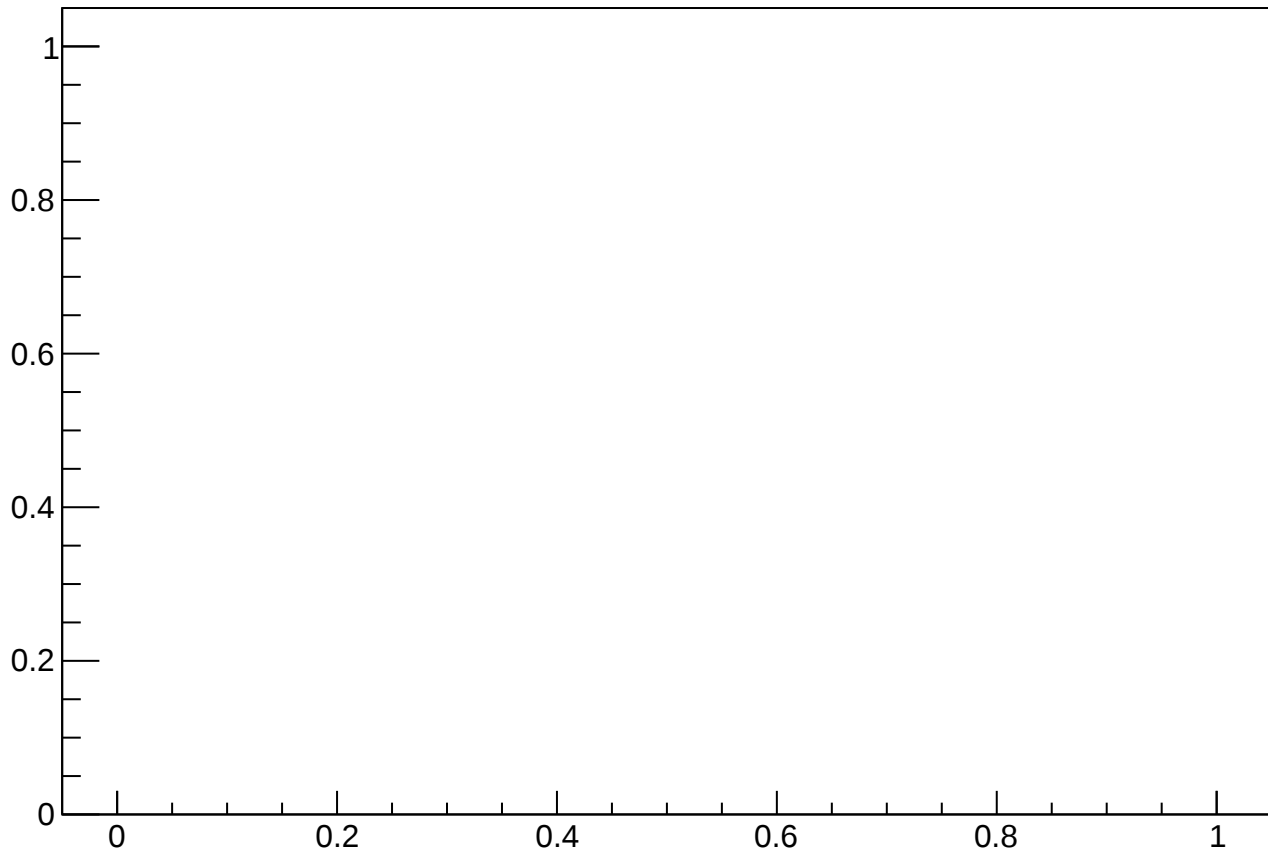
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

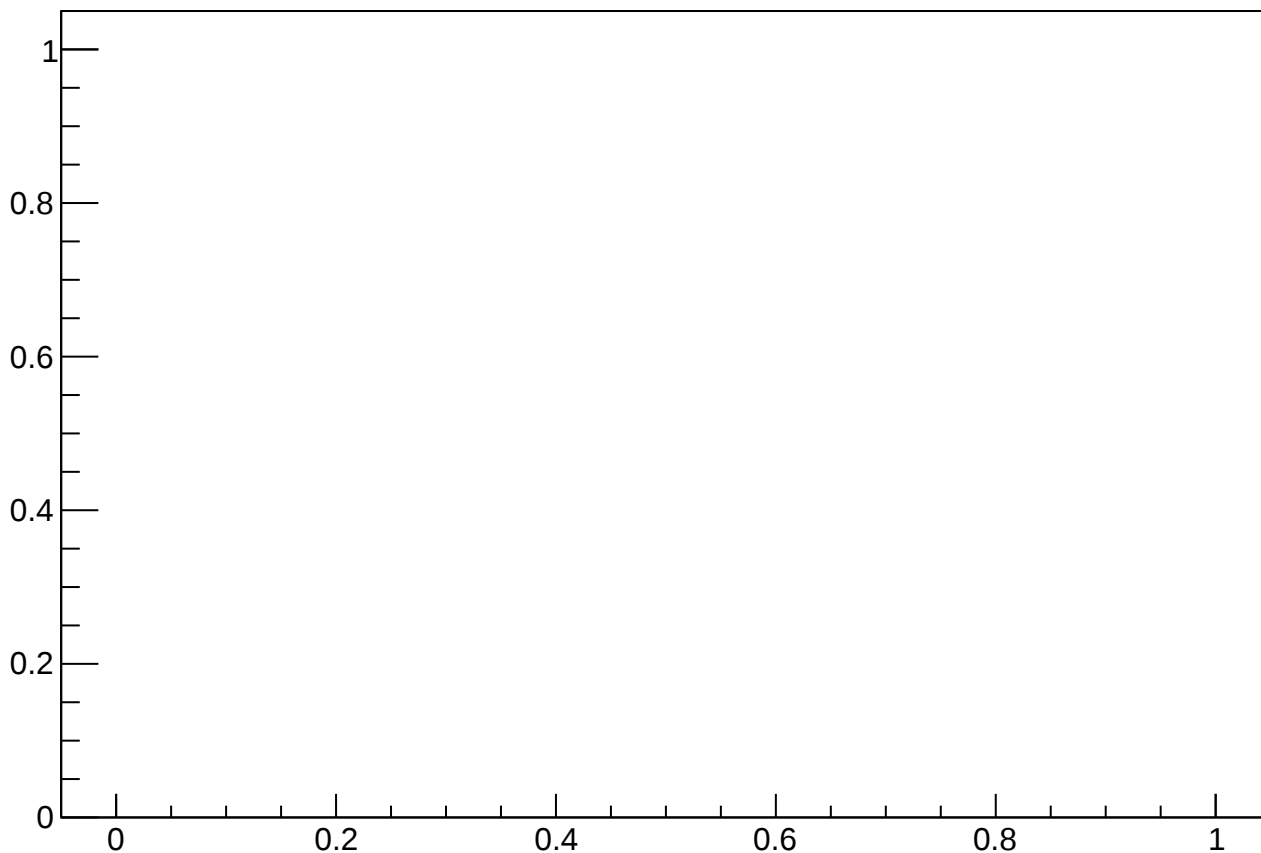
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

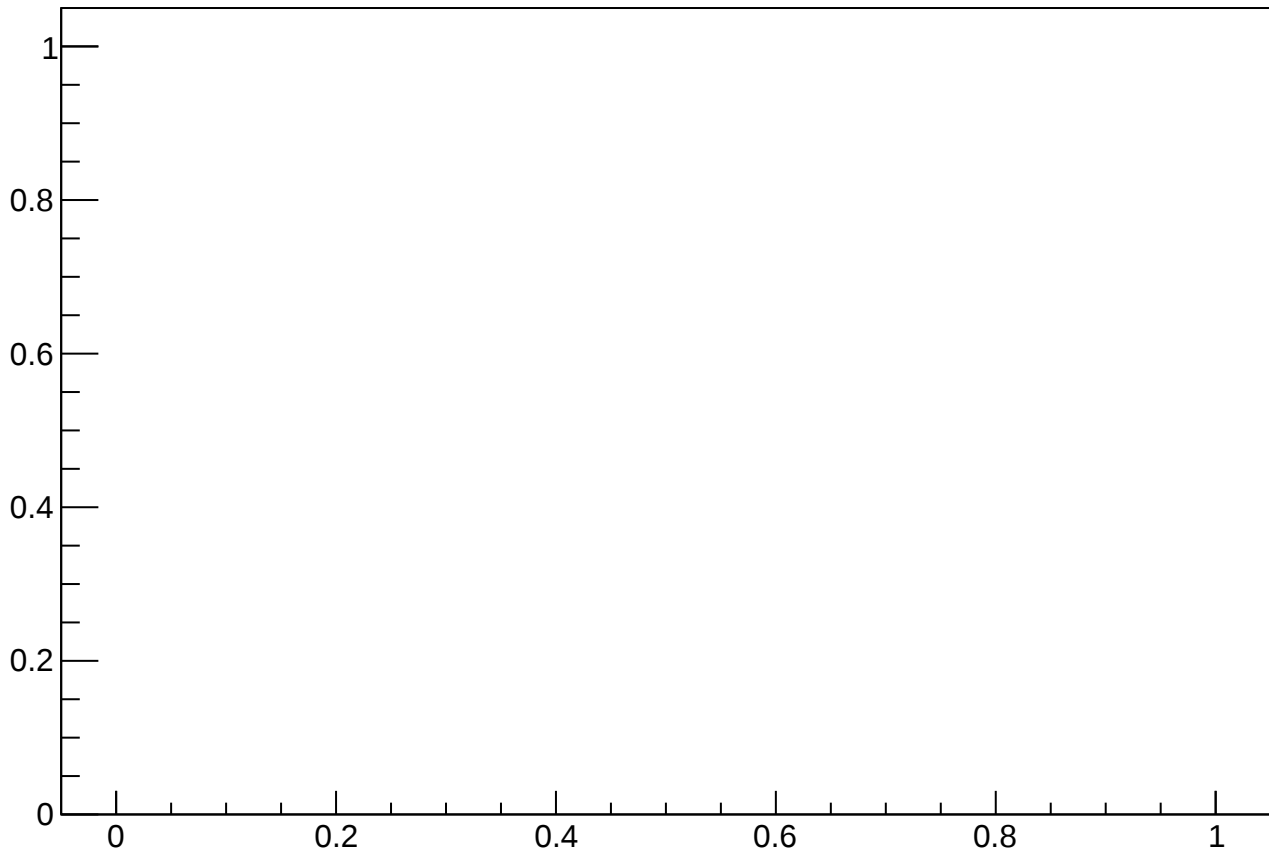
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

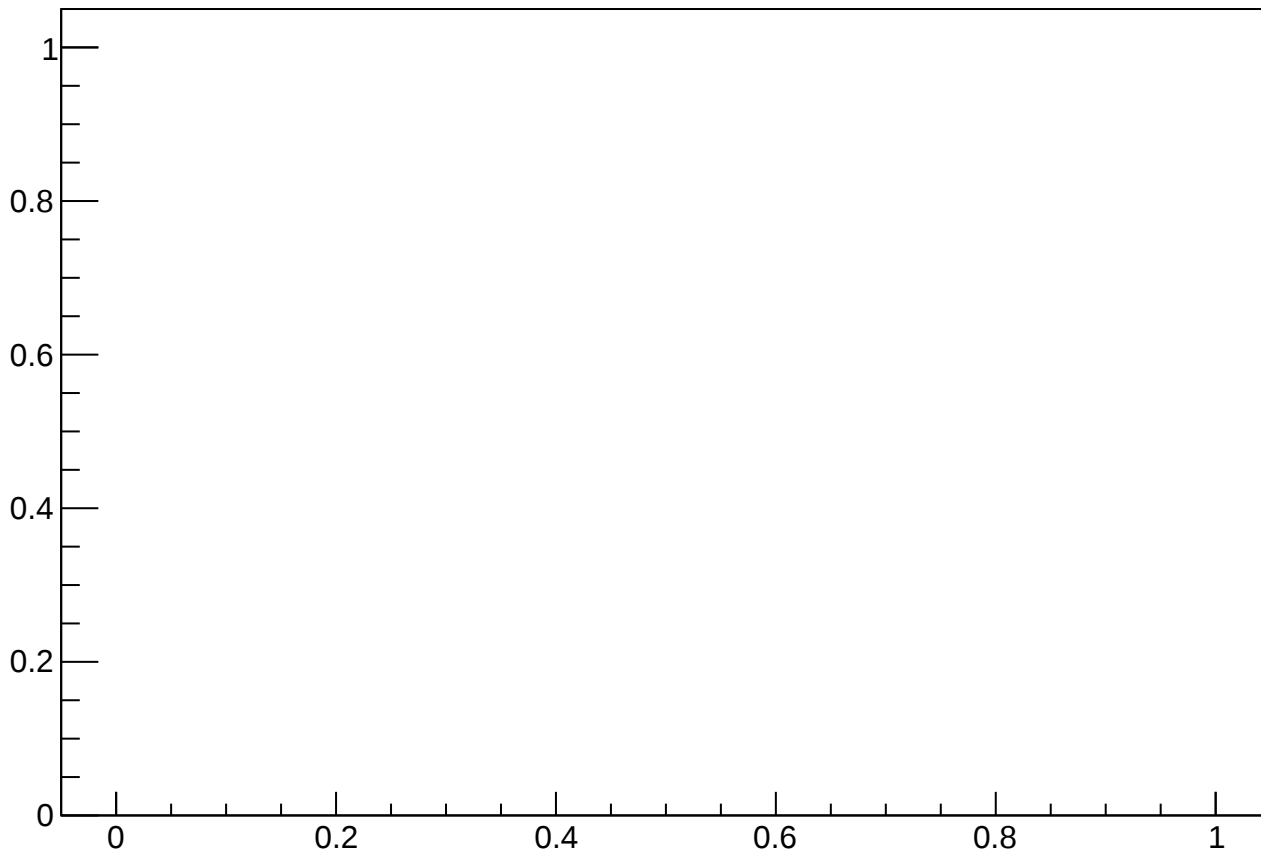
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

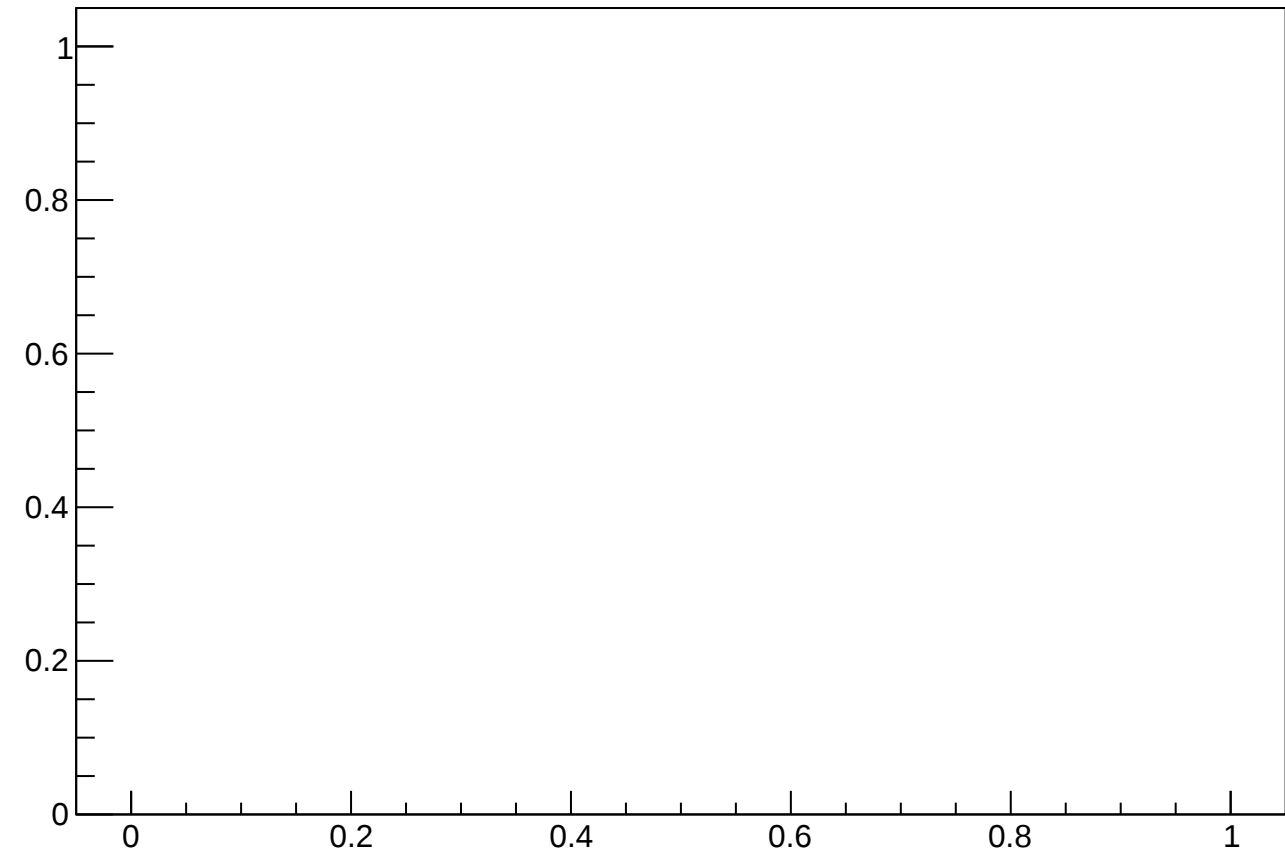
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

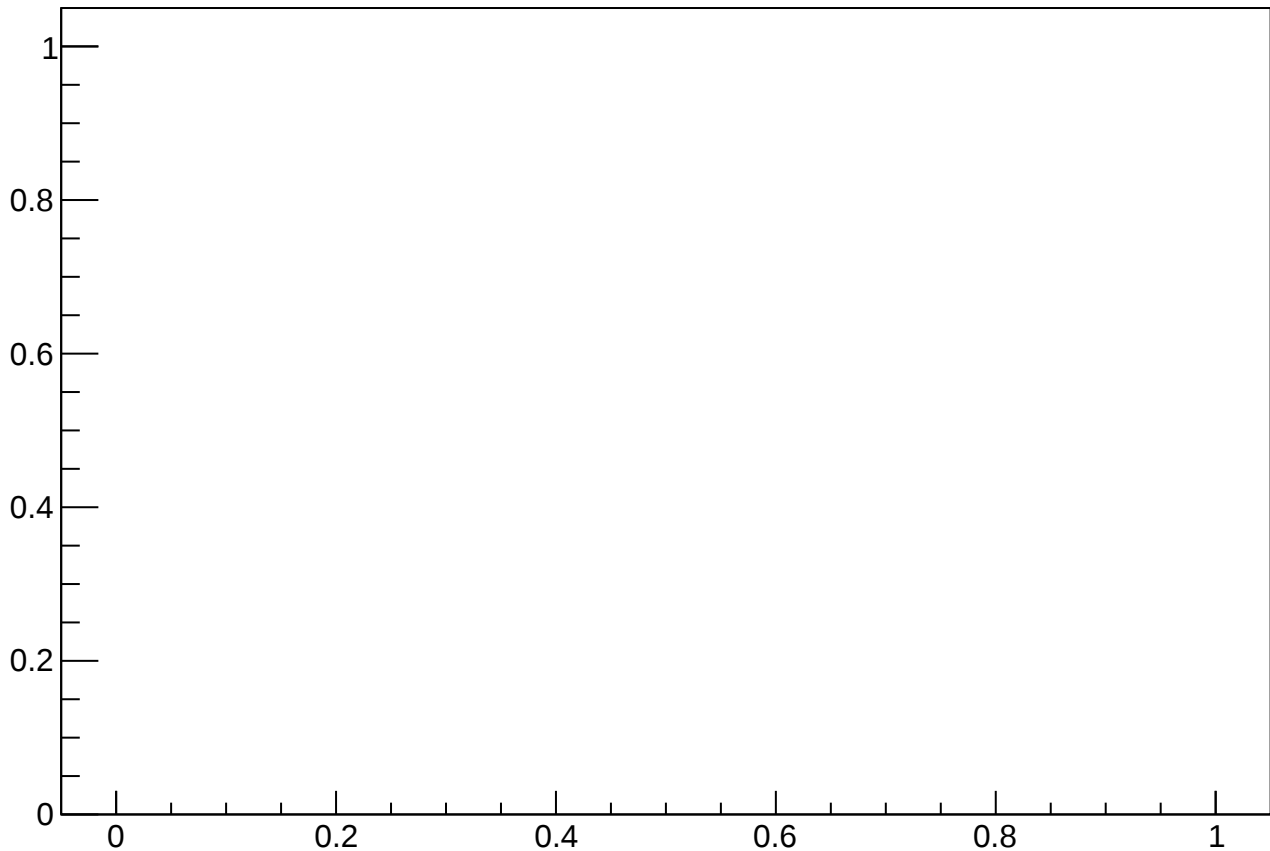
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

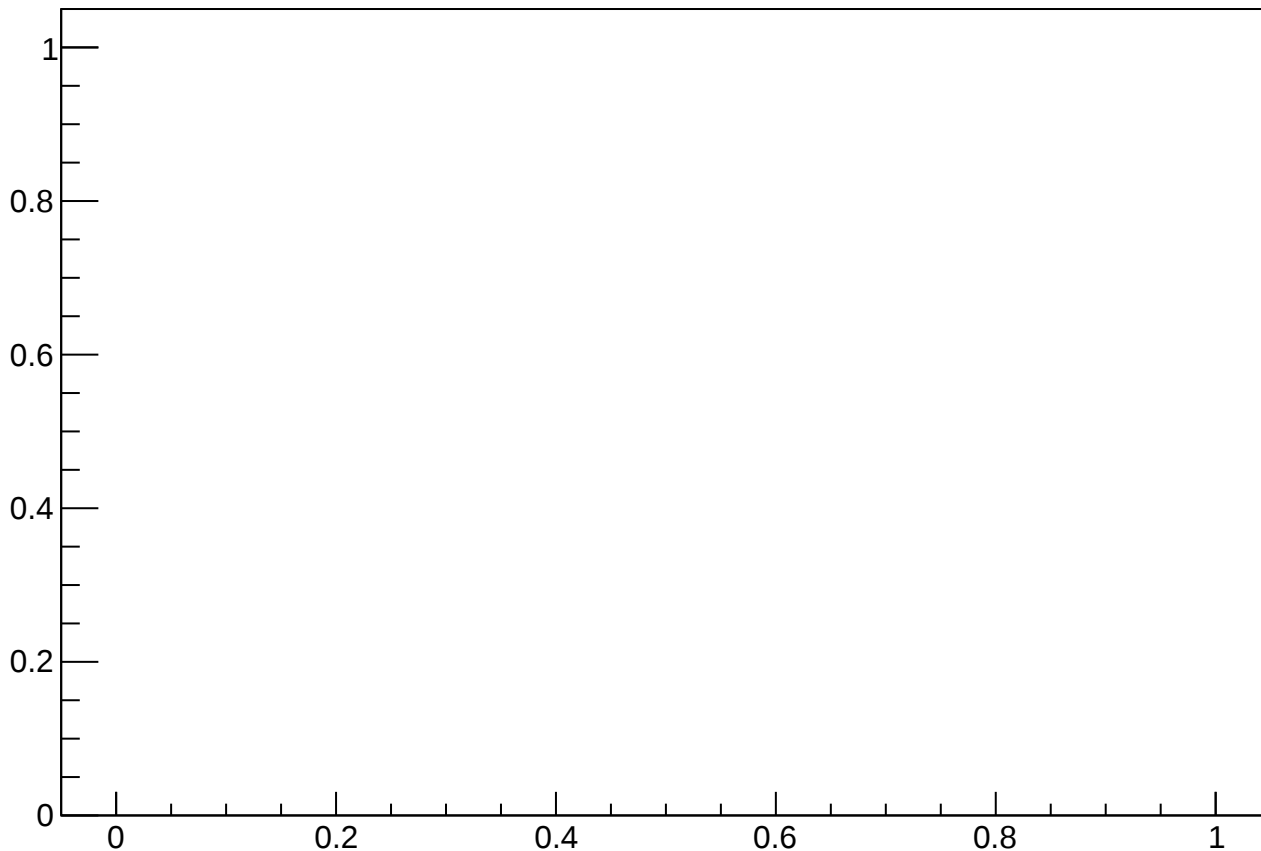
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

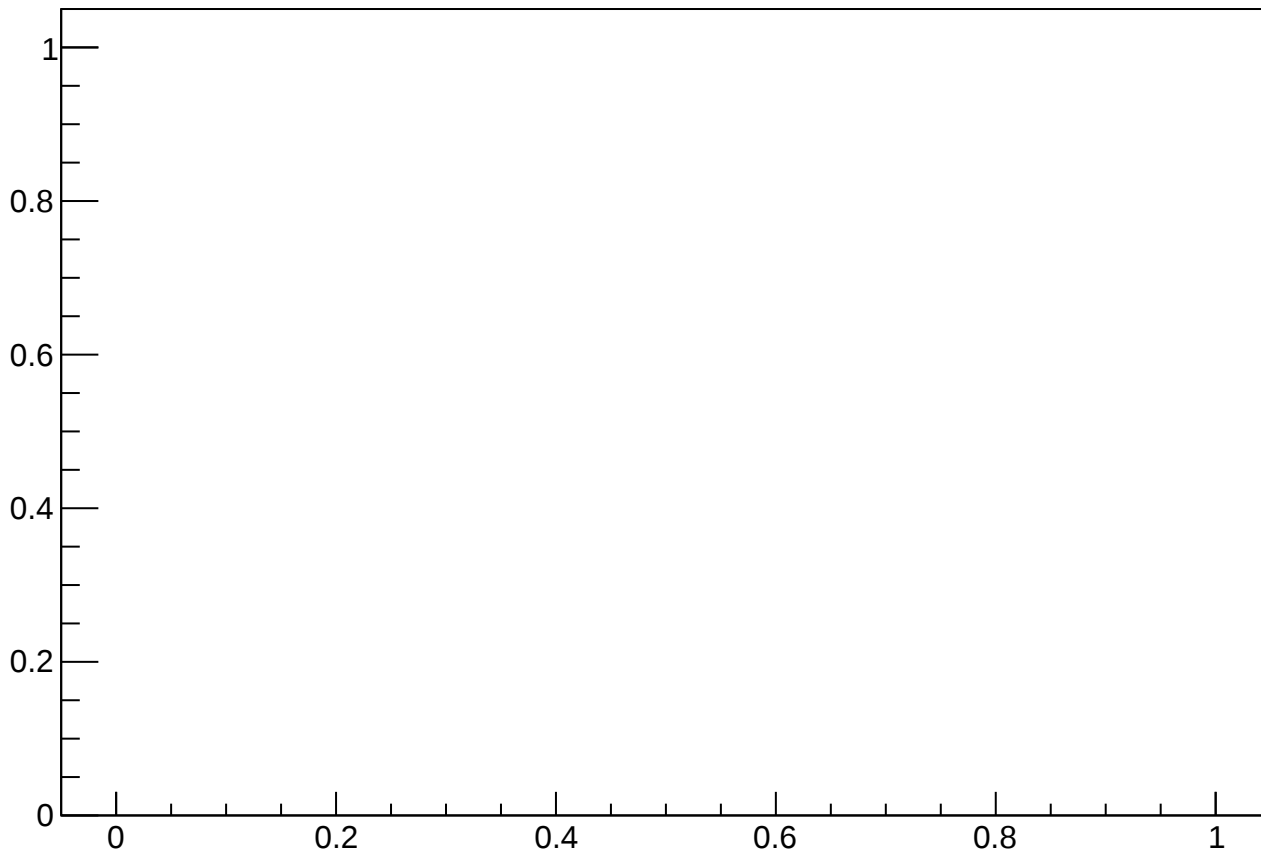
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

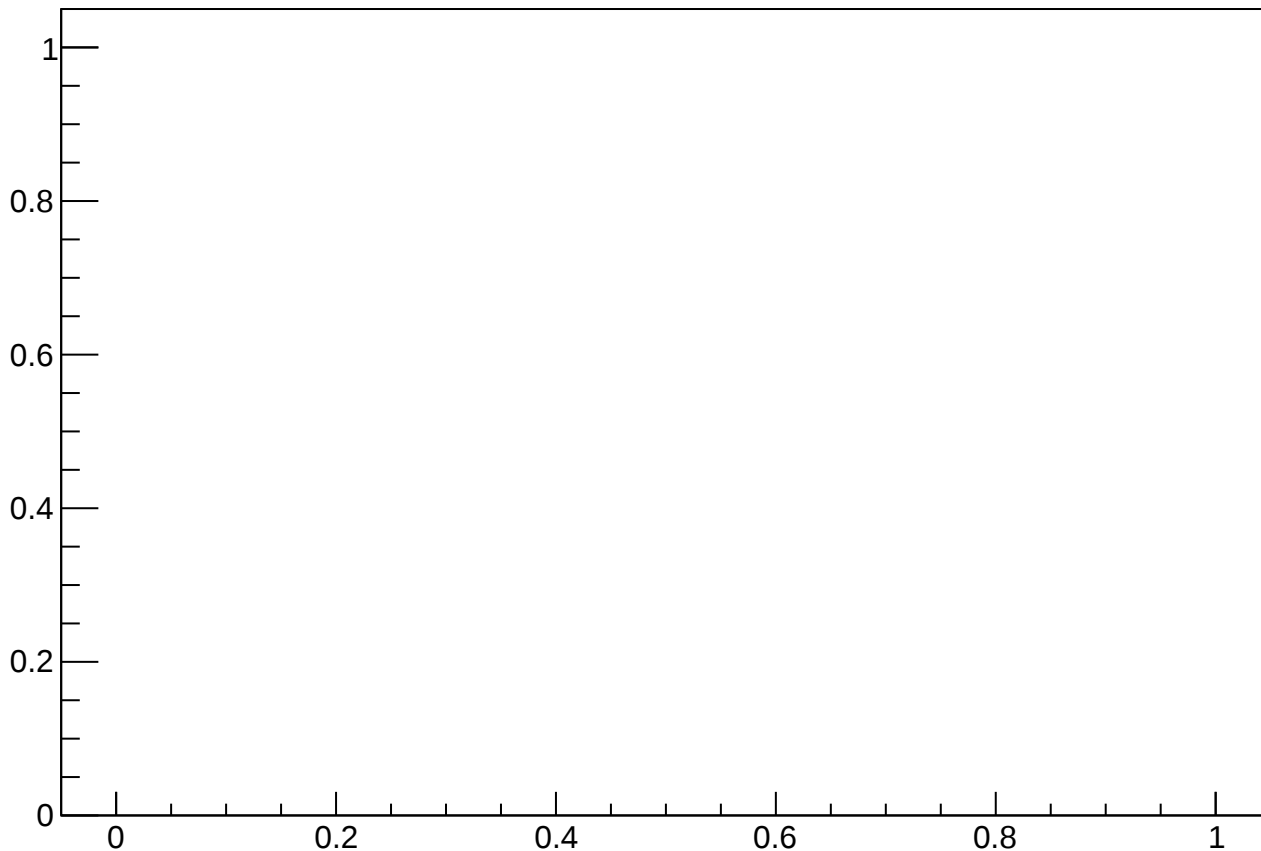
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

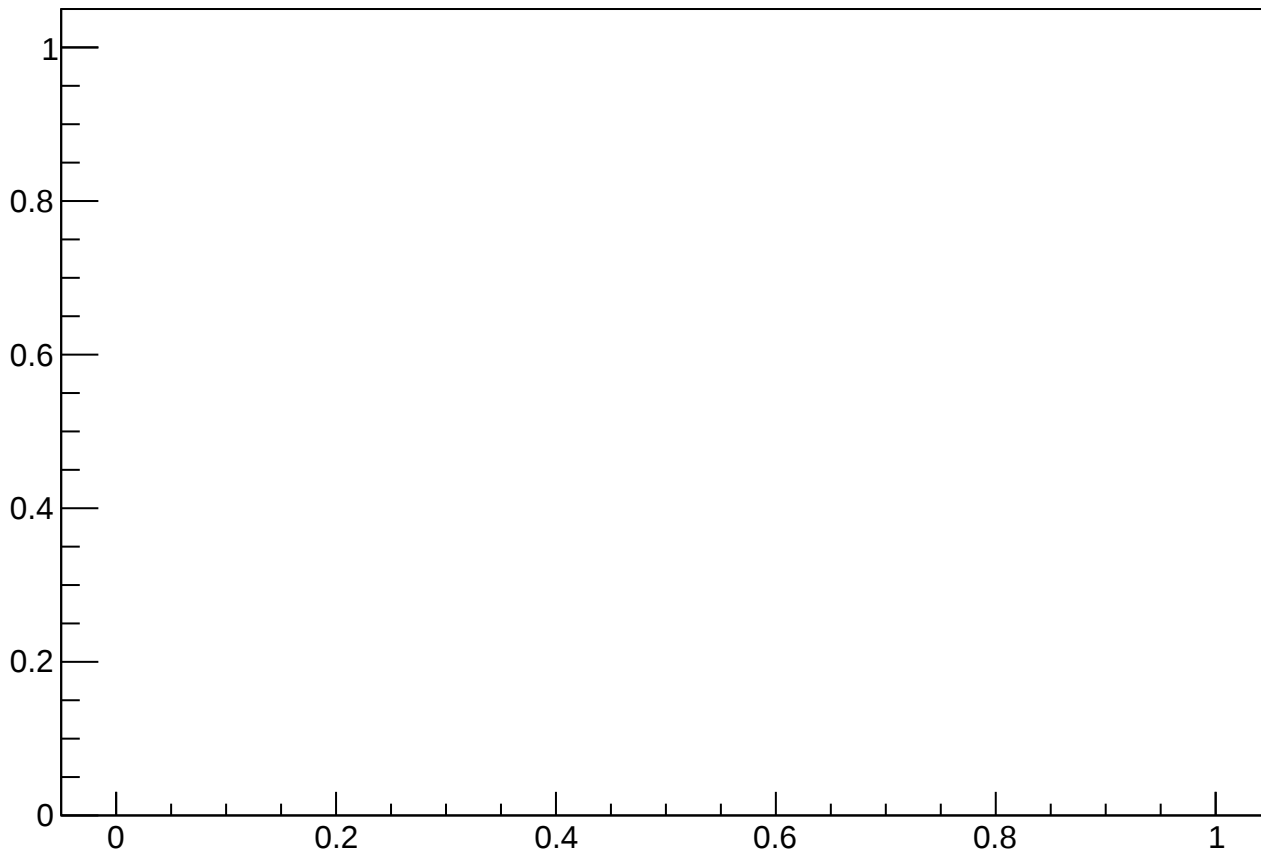
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

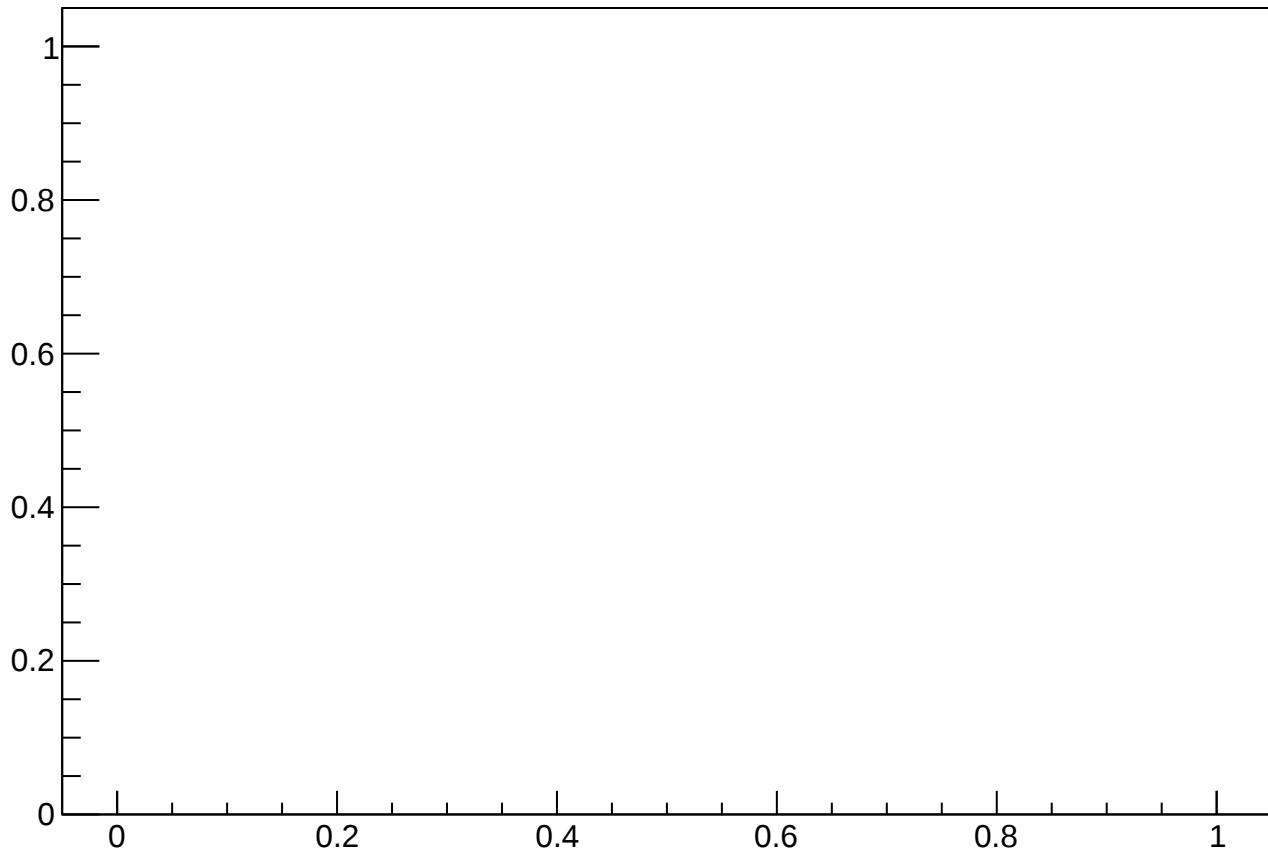
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

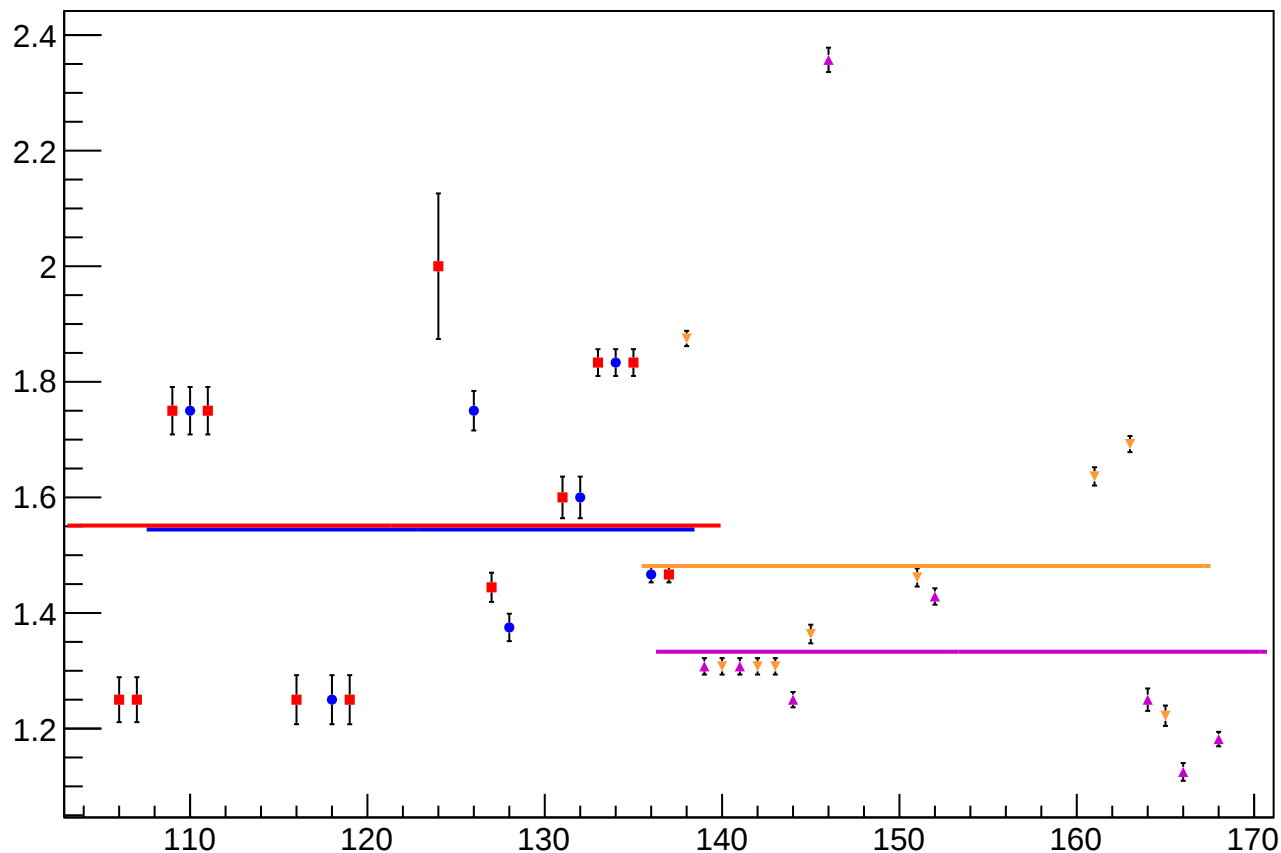
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.481+/-0.005 χ^2/NDF :1927.1/8

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.333+/-0.005 χ^2/NDF :2803.3/7

Left: 1.412+/-0.004 χ^2/NDF : 5151.9/16

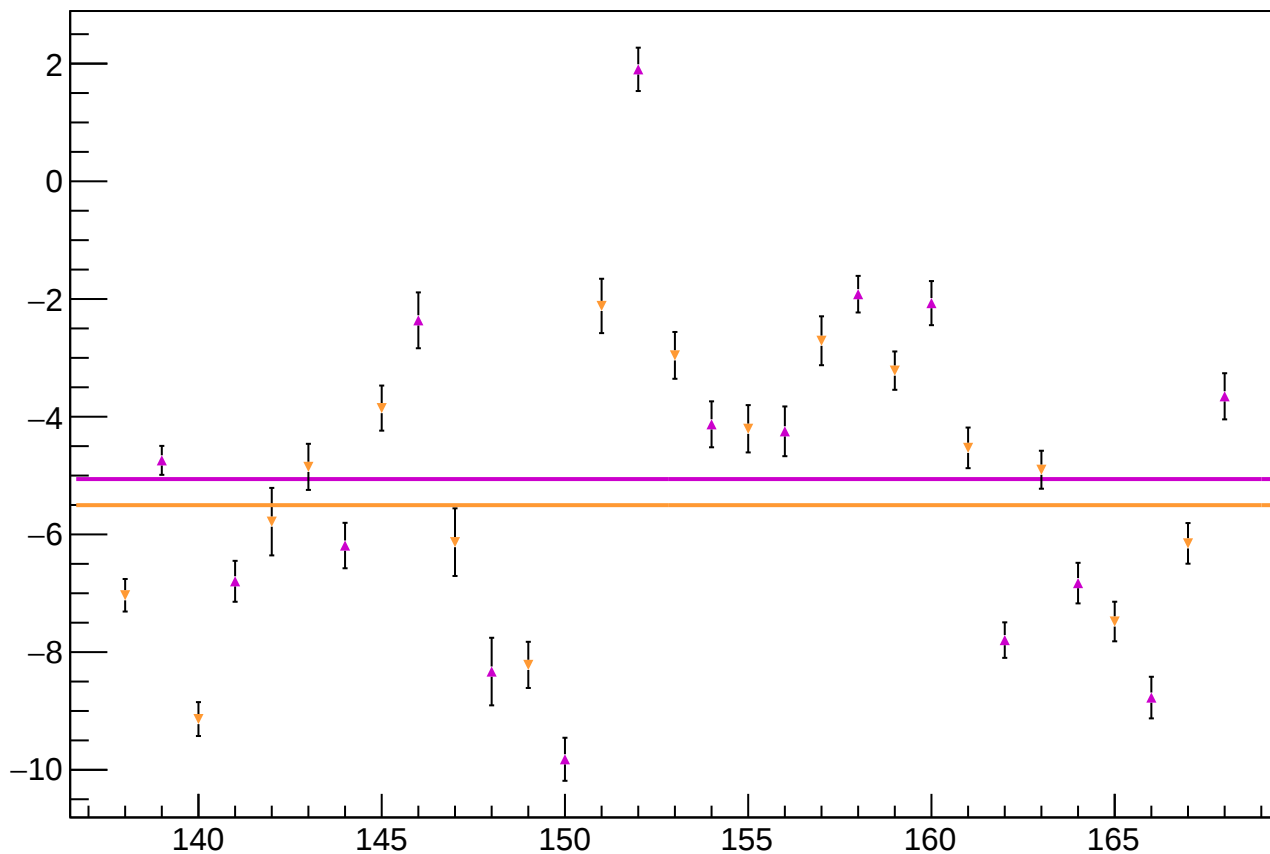
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.385+/-0.005 χ^2/NDF :3548.4/14

Out: 1.500+/-0.004 χ^2/NDF :2614.4/20

All: 1.447+/-0.003 χ^2/NDF : 6505.7/35

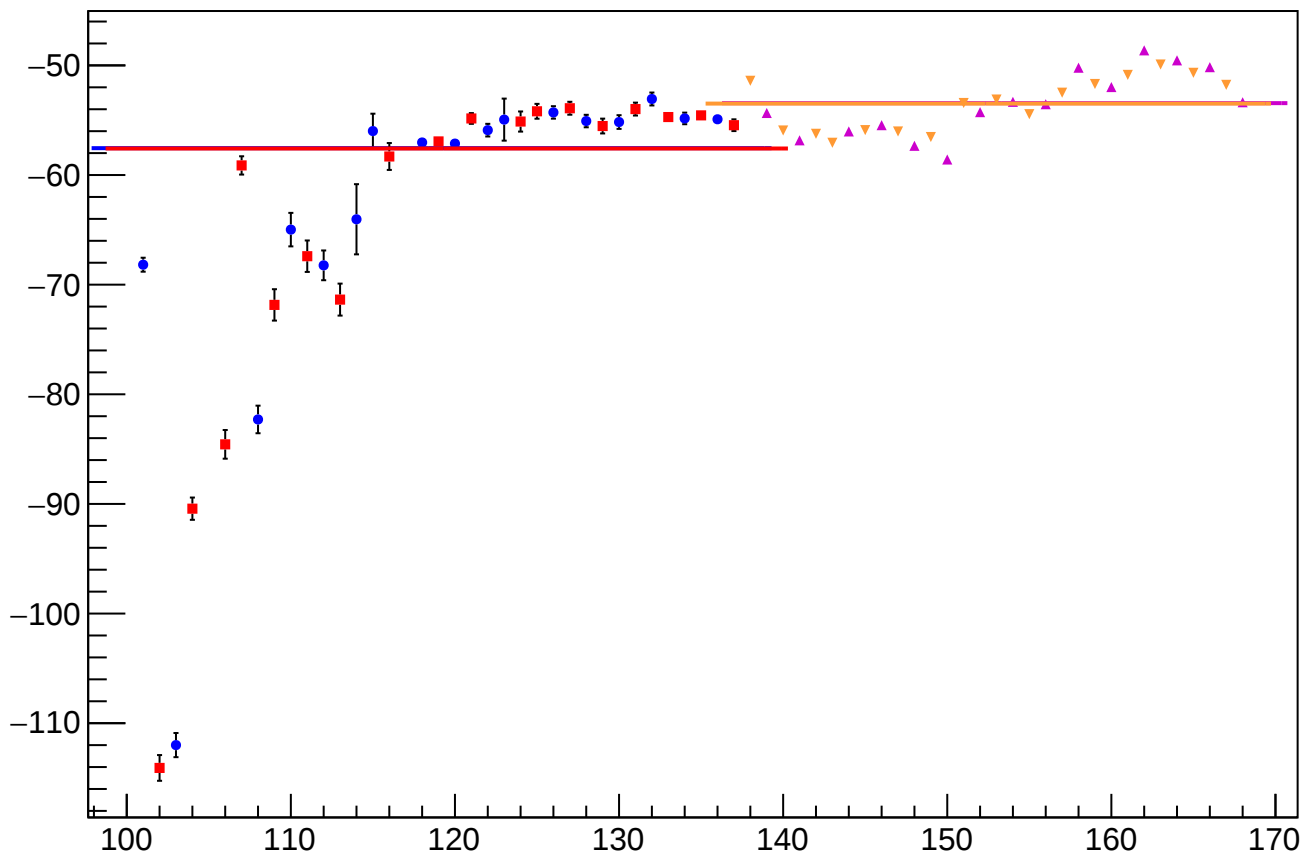
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -5.503 ± 0.092 $\chi^2/\text{NDF}: 509.4/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -5.060 ± 0.092 $\chi^2/\text{NDF}: 1033.5/14$

Left: -5.282 ± 0.065 $\chi^2/\text{NDF}: 1554.5/30$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -5.060 ± 0.092 $\chi^2/\text{NDF}: 1033.5/14$
 Out: -5.503 ± 0.092 $\chi^2/\text{NDF}: 509.4/15$
 All: -5.282 ± 0.065 $\chi^2/\text{NDF}: 1554.5/30$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -53.484 $\pm$ 0.069 χ^2 /NDF:1194.4/15

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -53.443 $\pm$ 0.071 χ^2 /NDF:1872.3/14

Left: -53.464 $\pm$ 0.050 χ^2 /NDF: 3066.8/30

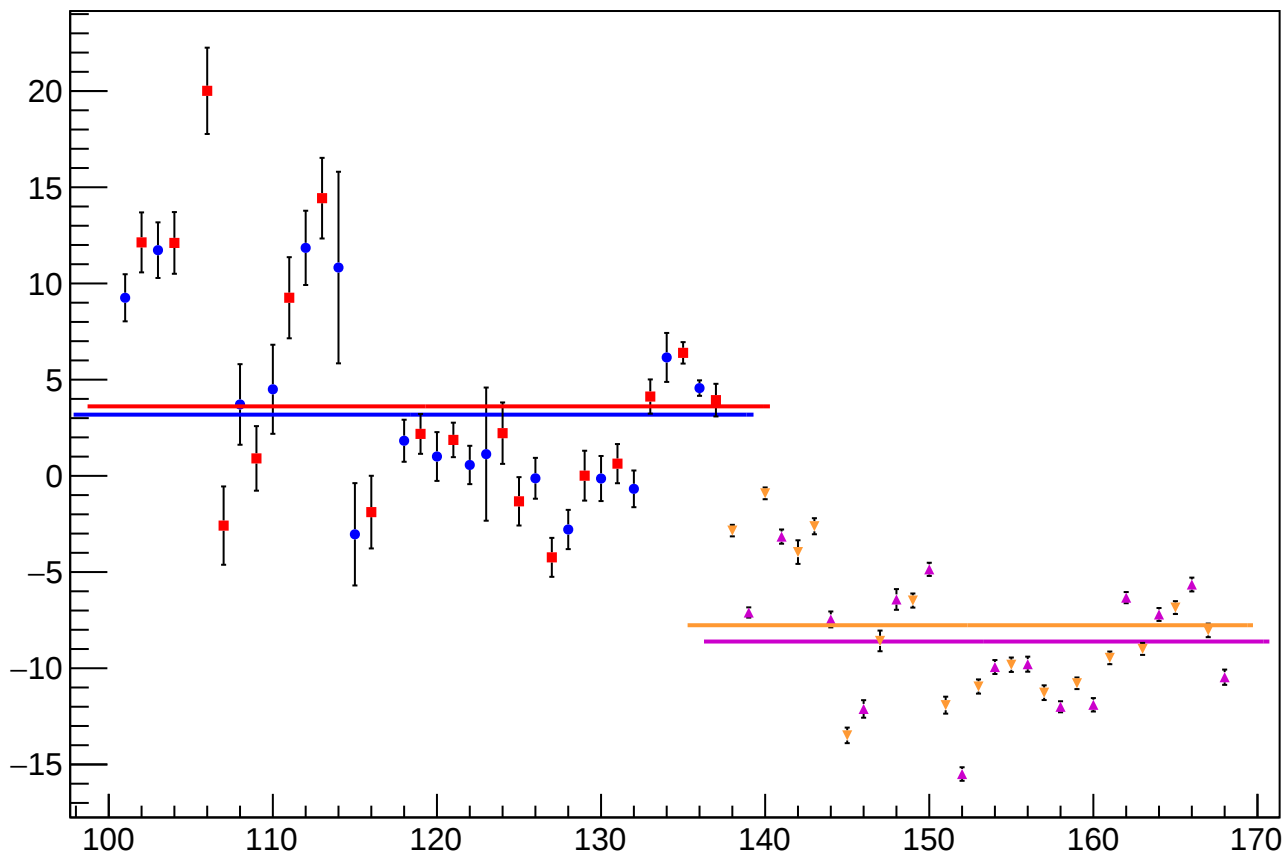
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -54.275 $\pm$ 0.064 χ^2 /NDF:6003.3/31

Out: -54.254 $\pm$ 0.062 χ^2 /NDF:6205.3/33

All: -54.264 $\pm$ 0.044 χ^2 /NDF: 12208.7/65

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.764 ± 0.091 $\chi^2/\text{NDF}: 1599.1/15$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.611 ± 0.091 $\chi^2/\text{NDF}: 1255.1/14$

Left: -8.188 ± 0.064 $\chi^2/\text{NDF}: 2897.8/30$

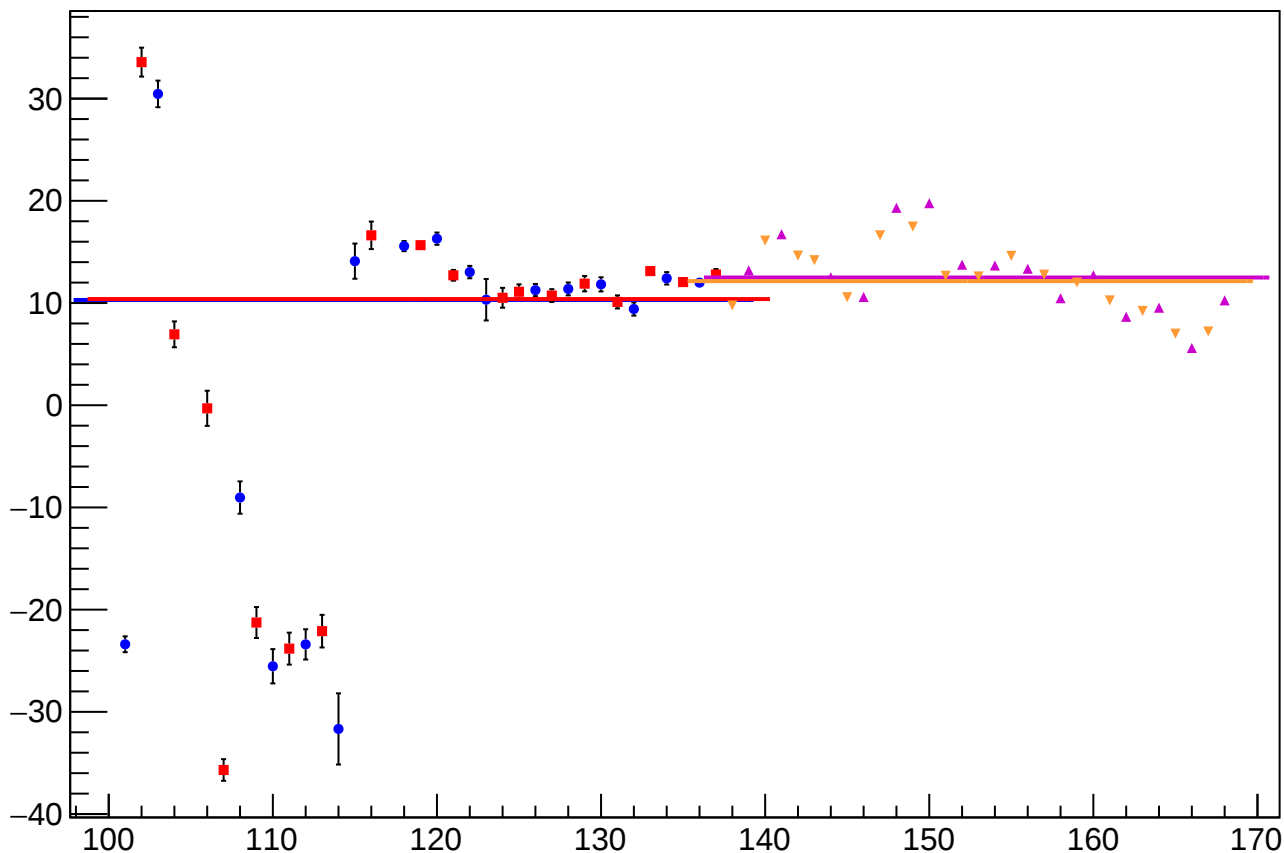
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.313 ± 0.086 $\chi^2/\text{NDF}: 3299.5/31$

Out: -6.588 ± 0.086 $\chi^2/\text{NDF}: 3505.5/33$

All: -6.953 ± 0.061 $\chi^2/\text{NDF}: 6840.5/65$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 12.144+/-0.078 χ^2/NDF : 1519.2/15

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 12.495+/-0.080 χ^2/NDF : 2041.9/14

Left: 12.315+/-0.056 χ^2/NDF : 3571.0/30

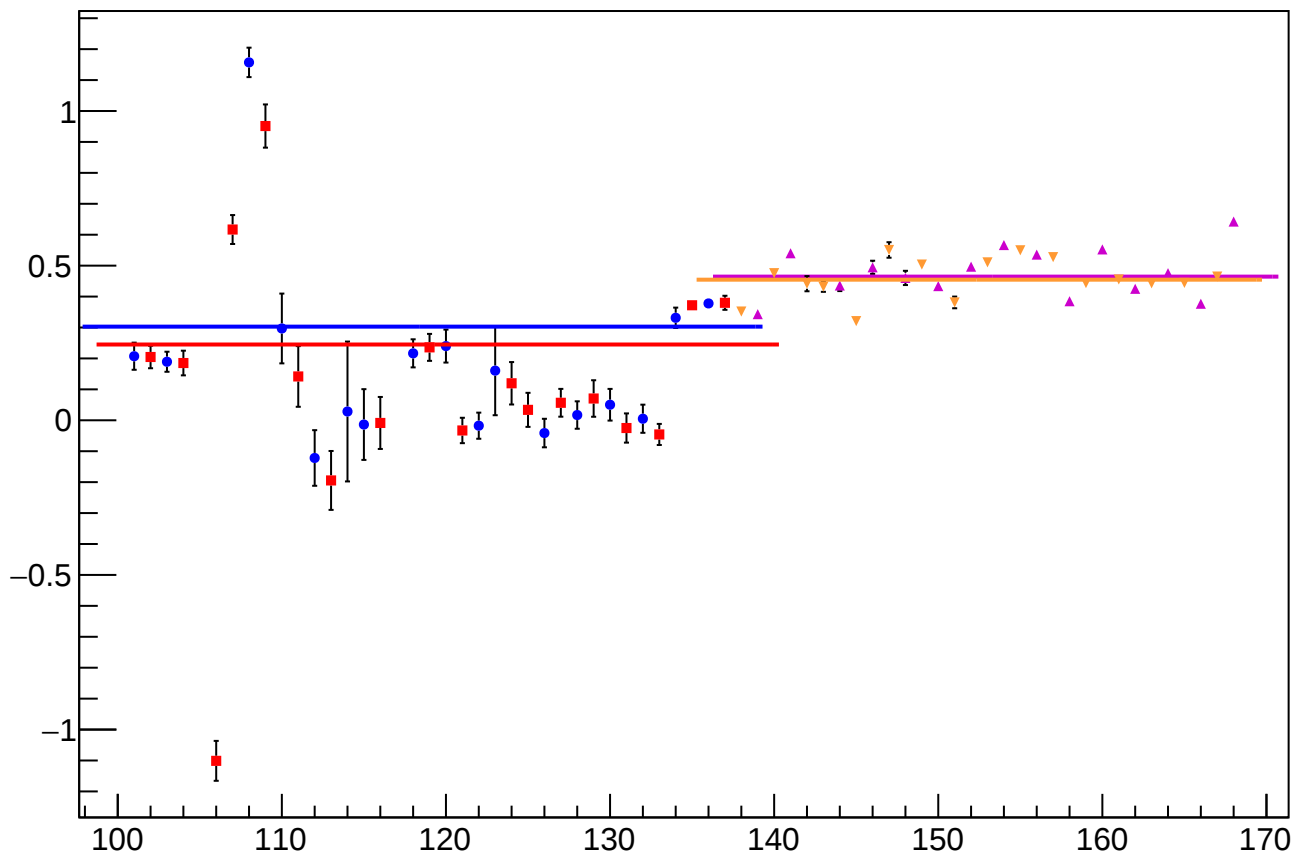
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 12.039+/-0.072 χ^2/NDF : 5896.1/31

Out: 11.805+/-0.070 χ^2/NDF : 5403.0/33

All: 11.920+/-0.050 χ^2/NDF : 11304.5/65

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.455 $\pm$ 0.004 χ^2 /NDF:301.9/15

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.465 $\pm$ 0.004 χ^2 /NDF:592.6/14

Left: 0.460 $\pm$ 0.002 χ^2 /NDF: 898.5/30

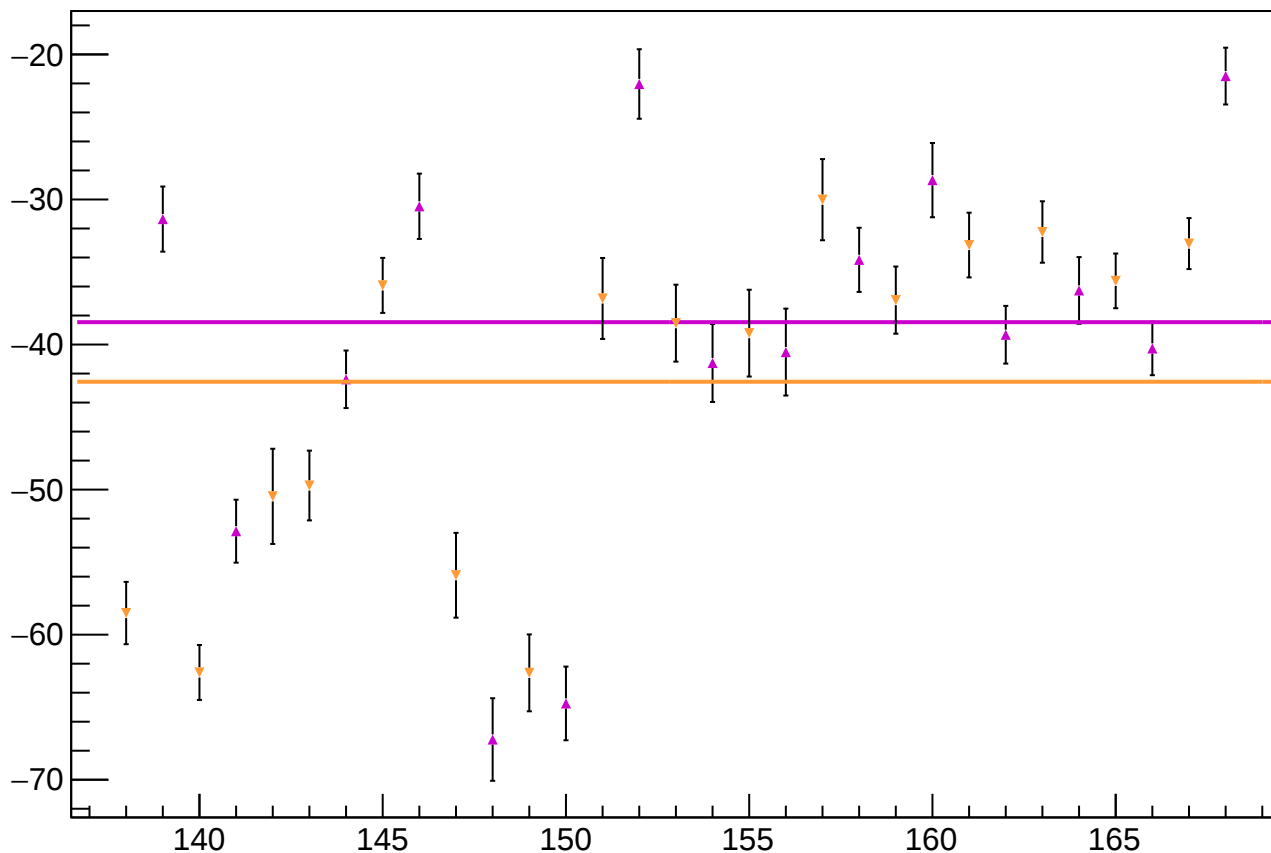
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.440 $\pm$ 0.003 χ^2 /NDF:1568.9/31

Out: 0.424 $\pm$ 0.003 χ^2 /NDF:1773.3/33

All: 0.432 $\pm$ 0.002 χ^2 /NDF: 3353.9/65

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.563+/-0.575 χ^2/NDF :390.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.458+/-0.585 χ^2/NDF :424.0/14

Left: -40.547+/-0.410 χ^2/NDF : 839.4/30

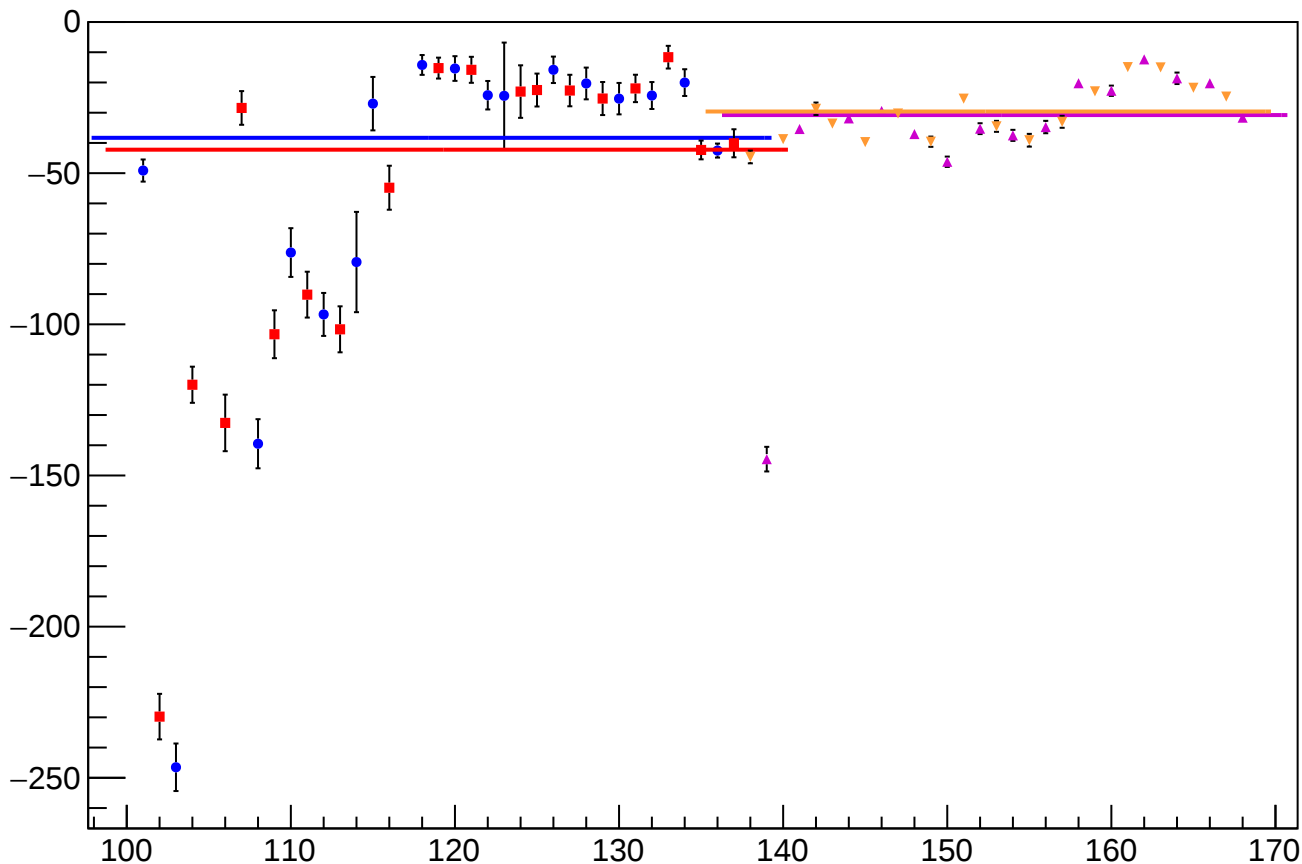
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.458+/-0.585 χ^2/NDF :424.0/14

Out: -42.563+/-0.575 χ^2/NDF :390.4/15

All: -40.547+/-0.410 χ^2/NDF : 839.4/30

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: -29.602 ± 0.419 $\chi^2/\text{NDF}: 430.7/15$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -30.779 ± 0.431 $\chi^2/\text{NDF}: 1203.2/14$

Left: -30.173 ± 0.300 $\chi^2/\text{NDF}: 1637.7/30$

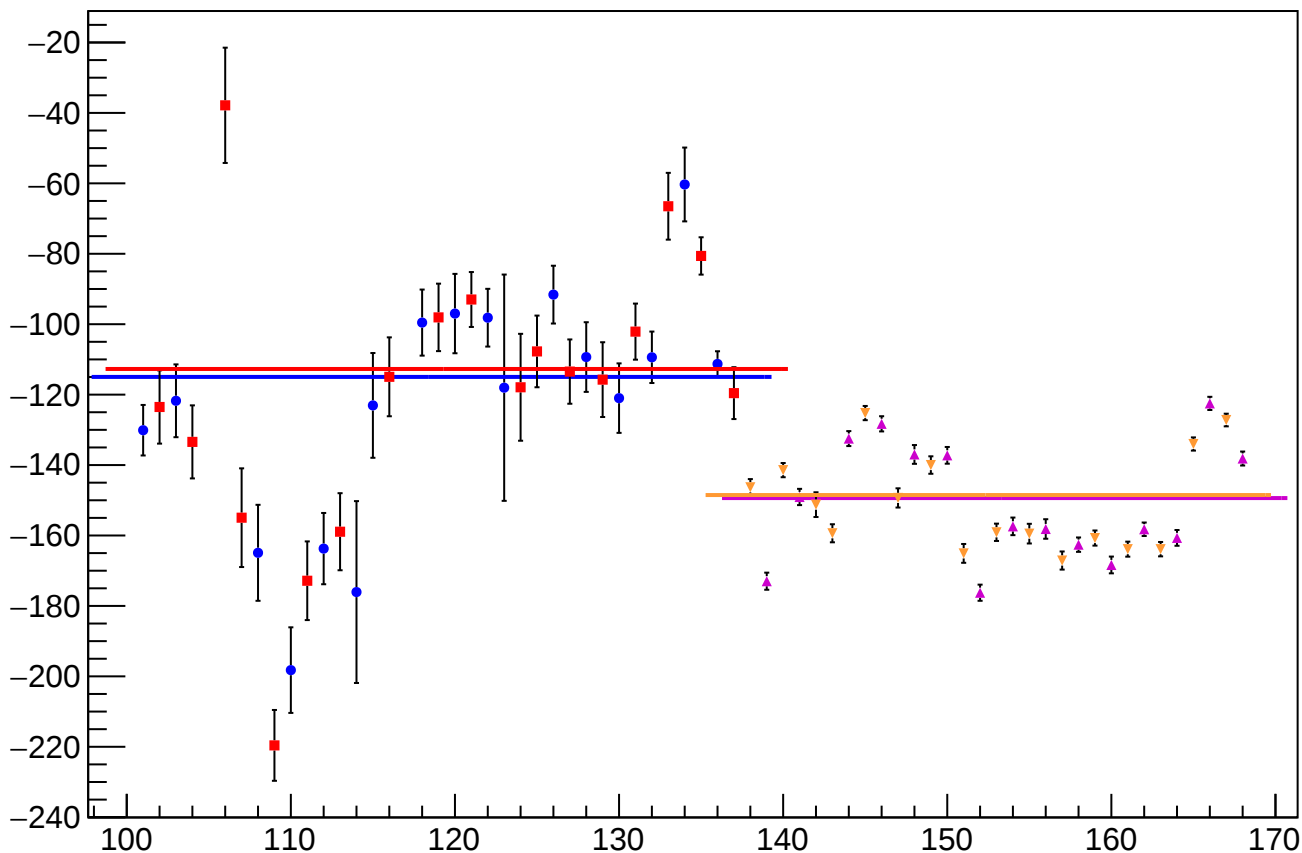
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -31.723 ± 0.403 $\chi^2/\text{NDF}: 2374.2/31$

Out: -30.952 ± 0.396 $\chi^2/\text{NDF}: 1806.2/33$

All: -31.330 ± 0.282 $\chi^2/\text{NDF}: 4182.2/65$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -148.513 $\pm$ 0.572 χ^2 /NDF:642.5/15

Right Out: -112.713 $\pm$ 2.210 χ^2 /NDF: 267.1/17

Left In: -149.374 $\pm$ 0.575 χ^2 /NDF:849.3/14

Left: -148.941 $\pm$ 0.406 χ^2 /NDF: 1492.9/30

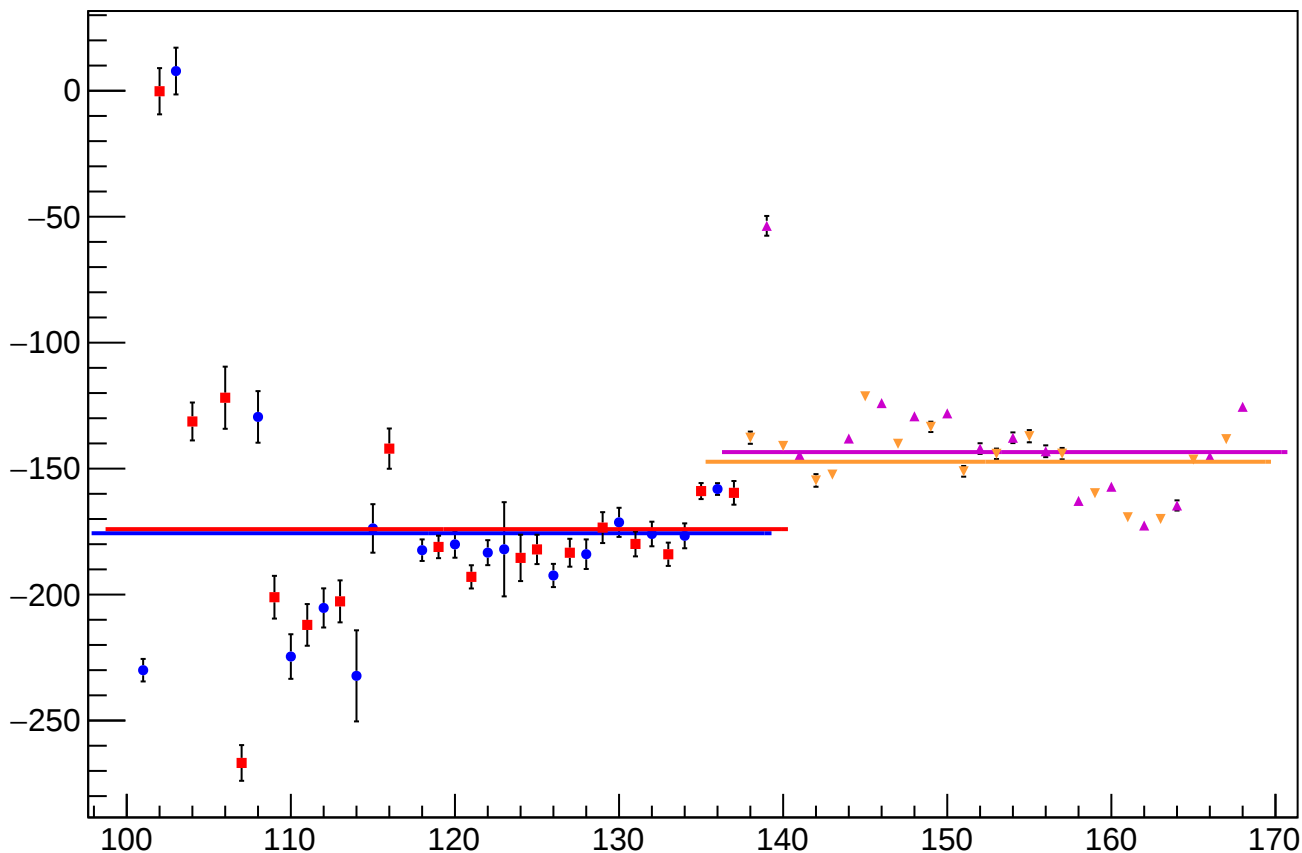
Right: -113.912 $\pm$ 1.513 χ^2 /NDF: 409.1/34

In: -146.916 $\pm$ 0.555 χ^2 /NDF:1246.1/31

Out: -146.269 $\pm$ 0.553 χ^2 /NDF:1155.5/33

All: -146.592 $\pm$ 0.392 χ^2 /NDF: 2402.3/65

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -147.273 ± 0.482 χ^2/NDF : 784.1/15

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -143.437 ± 0.496 χ^2/NDF : 1489.4/14

Left: -145.410 ± 0.346 χ^2/NDF : 2304.2/30

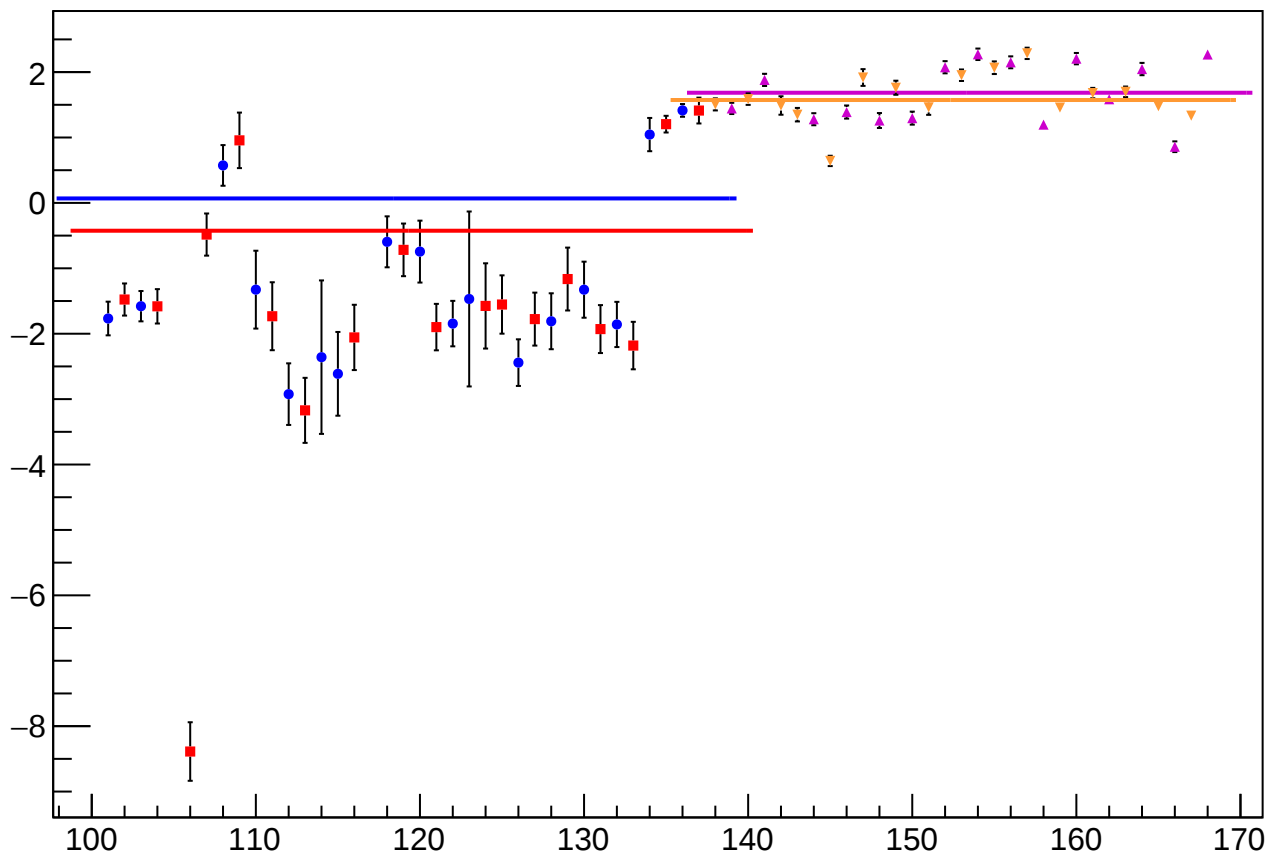
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -147.709 ± 0.462 χ^2/NDF : 2740.4/31

Out: -150.278 ± 0.454 χ^2/NDF : 1833.5/33

All: -149.016 ± 0.324 χ^2/NDF : 4589.6/65

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.573 $\pm$ 0.022 χ^2 /NDF:286.3/15

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.684 $\pm$ 0.023 χ^2 /NDF:416.0/14

Left: 1.628 $\pm$ 0.016 χ^2 /NDF: 714.4/30

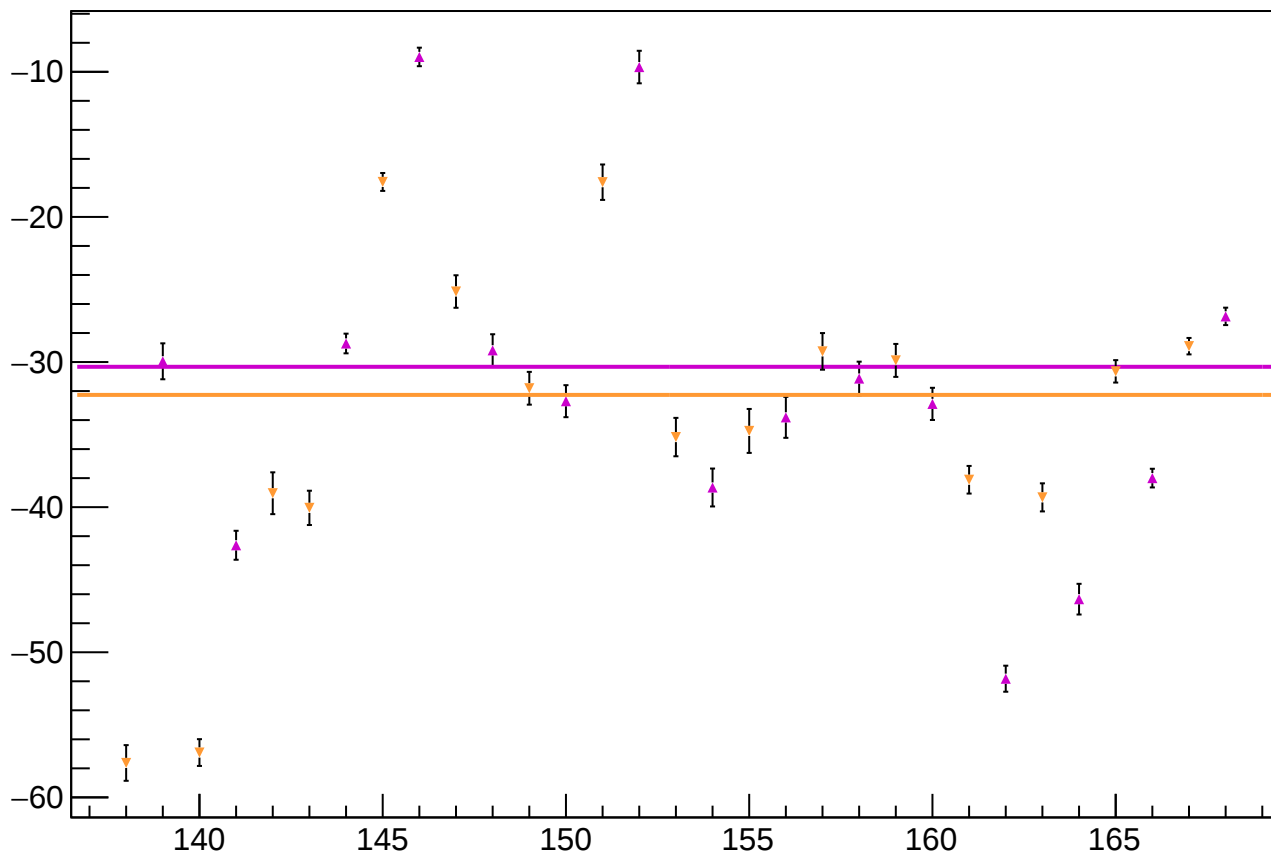
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.518 $\pm$ 0.021 χ^2 /NDF:1463.6/31

Out: 1.392 $\pm$ 0.021 χ^2 /NDF:1744.7/33

All: 1.455 $\pm$ 0.015 χ^2 /NDF: 3225.5/65

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -32.264 $\pm$ 0.241 χ^2 /NDF:2103.0/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -30.327 $\pm$ 0.231 χ^2 /NDF:2651.7/14

Left: -31.258 $\pm$ 0.167 χ^2 /NDF: 4788.4/30

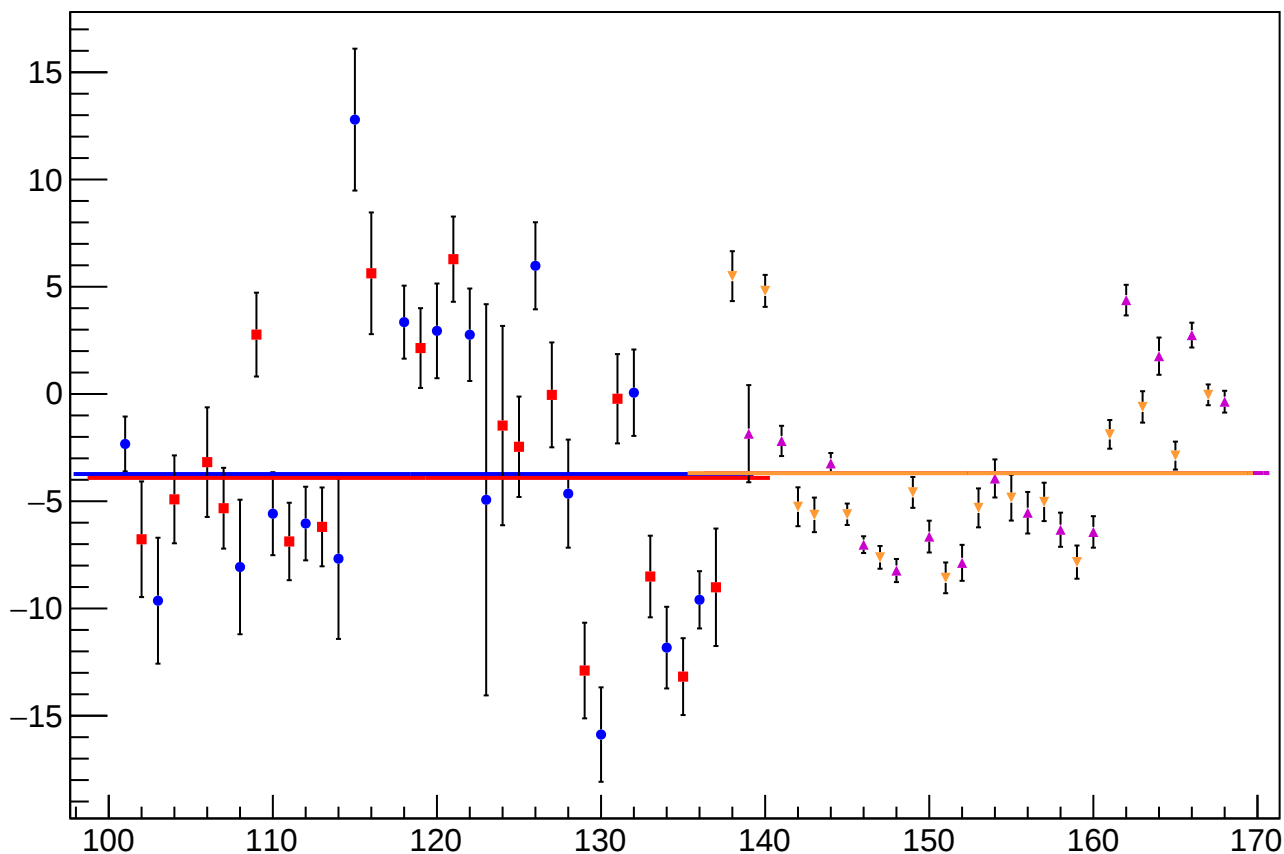
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -30.327 $\pm$ 0.231 χ^2 /NDF:2651.7/14

Out: -32.264 $\pm$ 0.241 χ^2 /NDF:2103.0/15

All: -31.258 $\pm$ 0.167 χ^2 /NDF: 4788.4/30

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: -3.690 ± 0.176 $\chi^2/\text{NDF}: 437.1/15$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -3.685 ± 0.167 $\chi^2/\text{NDF}: 553.1/14$

Left: -3.688 ± 0.121 $\chi^2/\text{NDF}: 990.2/30$

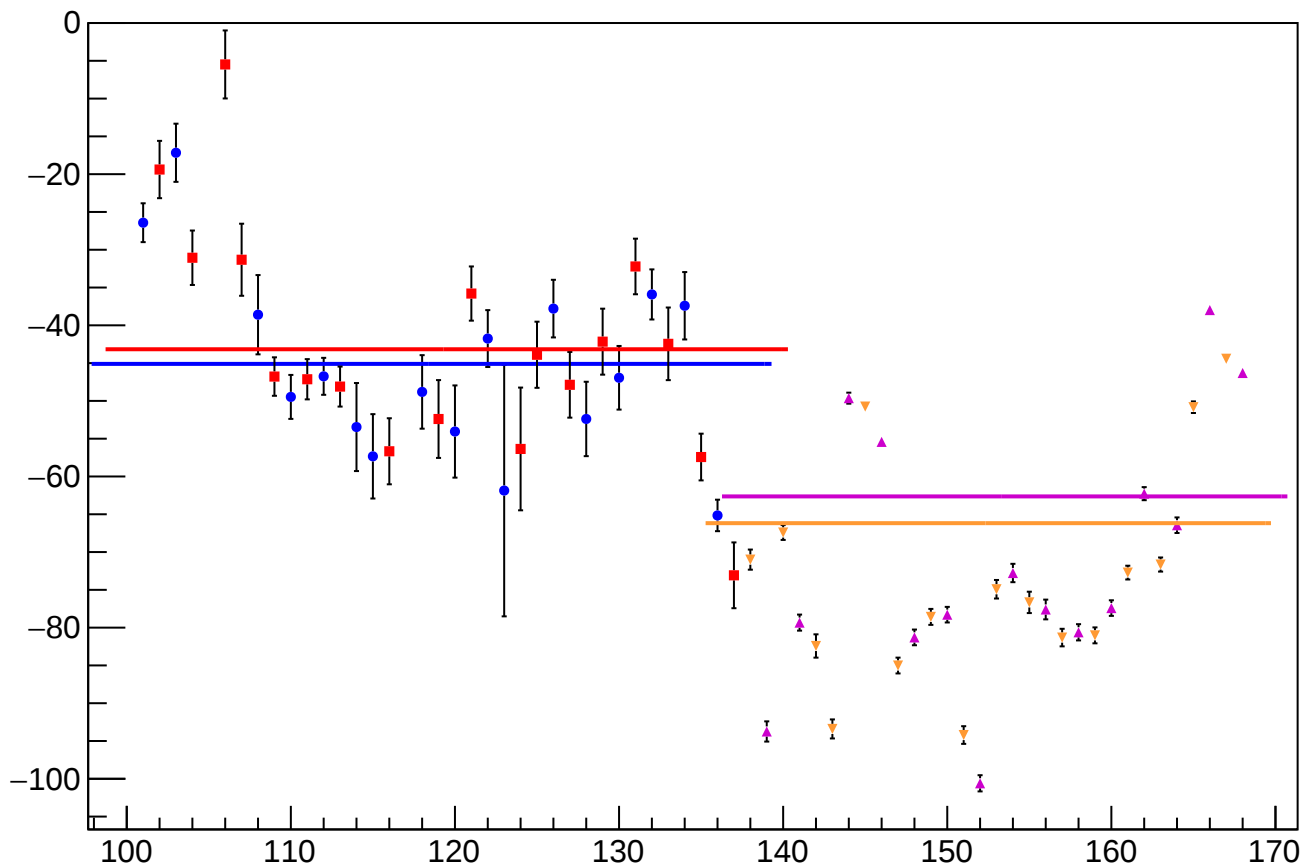
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -3.690 ± 0.159 $\chi^2/\text{NDF}: 719.0/31$

Out: -3.714 ± 0.166 $\chi^2/\text{NDF}: 562.0/33$

All: -3.701 ± 0.115 $\chi^2/\text{NDF}: 1281.0/65$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -66.177 ± 0.240 χ^2/NDF : 4550.8/15

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -62.637 ± 0.229 χ^2/NDF : 5889.6/14

Left: -64.321 ± 0.166 χ^2/NDF : 10554.4/30

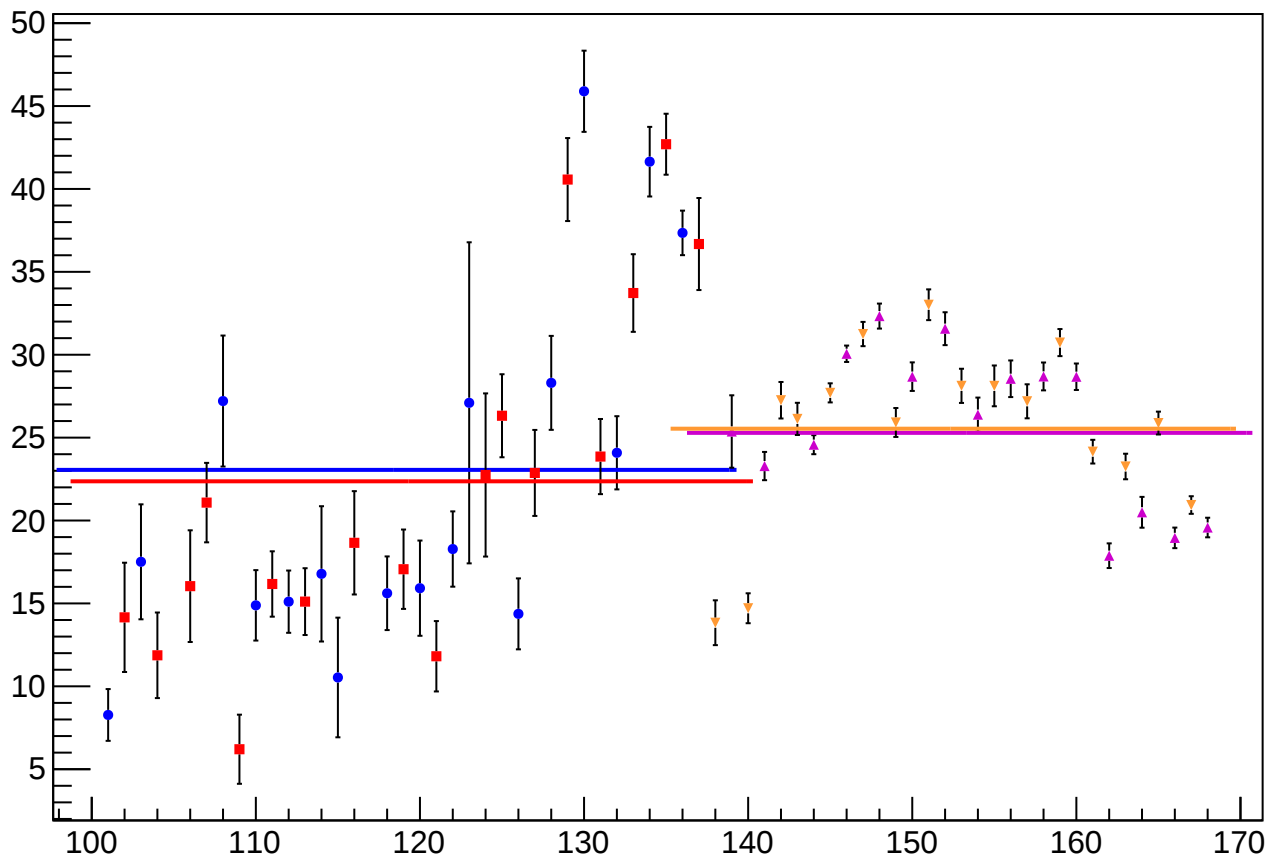
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -61.534 ± 0.221 χ^2/NDF : 6490.1/31

Out: -64.581 ± 0.232 χ^2/NDF : 5421.1/33

All: -62.988 ± 0.160 χ^2/NDF : 12001.7/65

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 25.539 $\pm$ 0.203 χ^2 /NDF:503.4/15

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 25.288 $\pm$ 0.196 χ^2 /NDF:610.4/14

Left: 25.409 $\pm$ 0.141 χ^2 /NDF: 1114.6/30

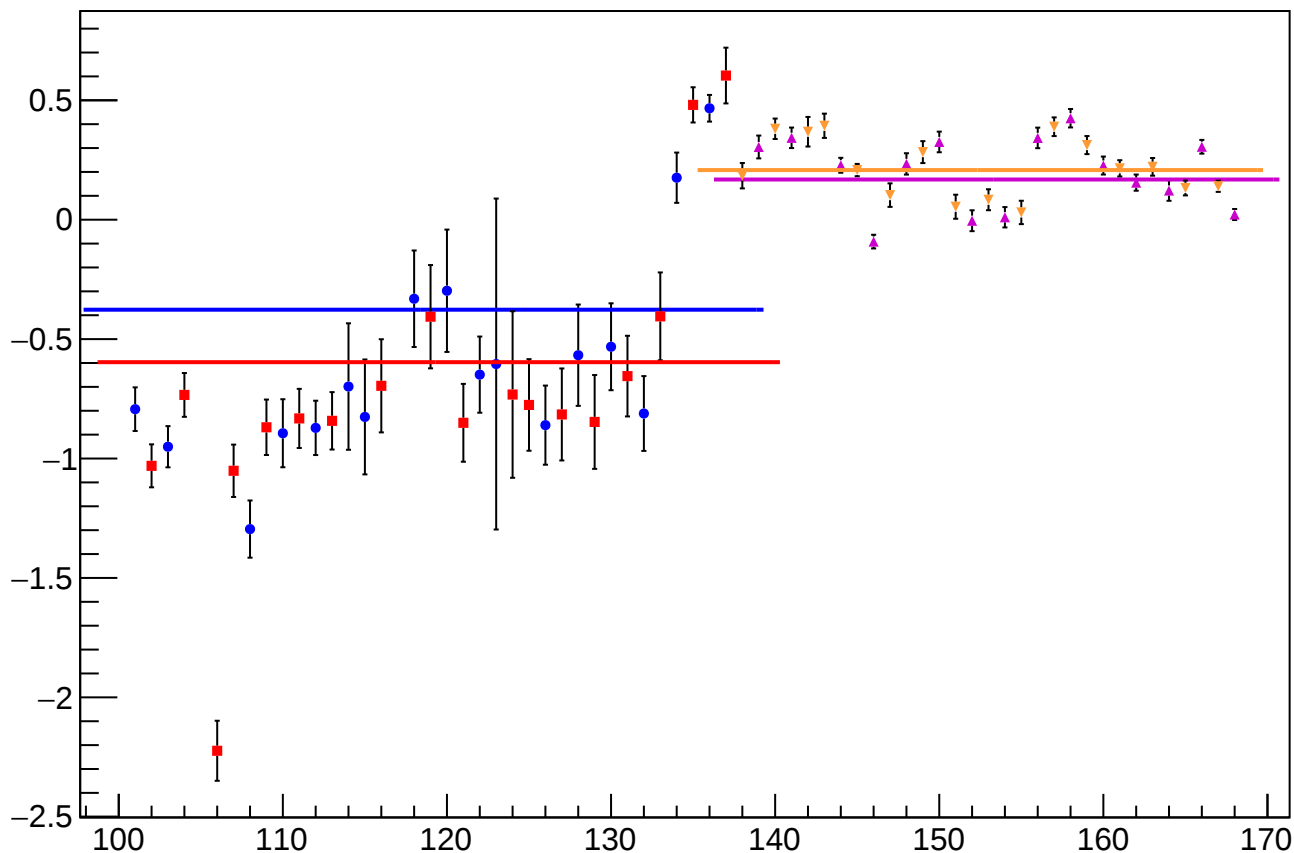
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 25.042 $\pm$ 0.185 χ^2 /NDF:1085.9/31

Out: 25.186 $\pm$ 0.191 χ^2 /NDF:899.4/33

All: 25.111 $\pm$ 0.133 χ^2 /NDF: 1985.6/65

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.208 ± 0.010 χ^2/NDF : 117.7/15

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.168 ± 0.009 χ^2/NDF : 282.9/14

Left: 0.187 ± 0.007 χ^2/NDF : 409.5/30

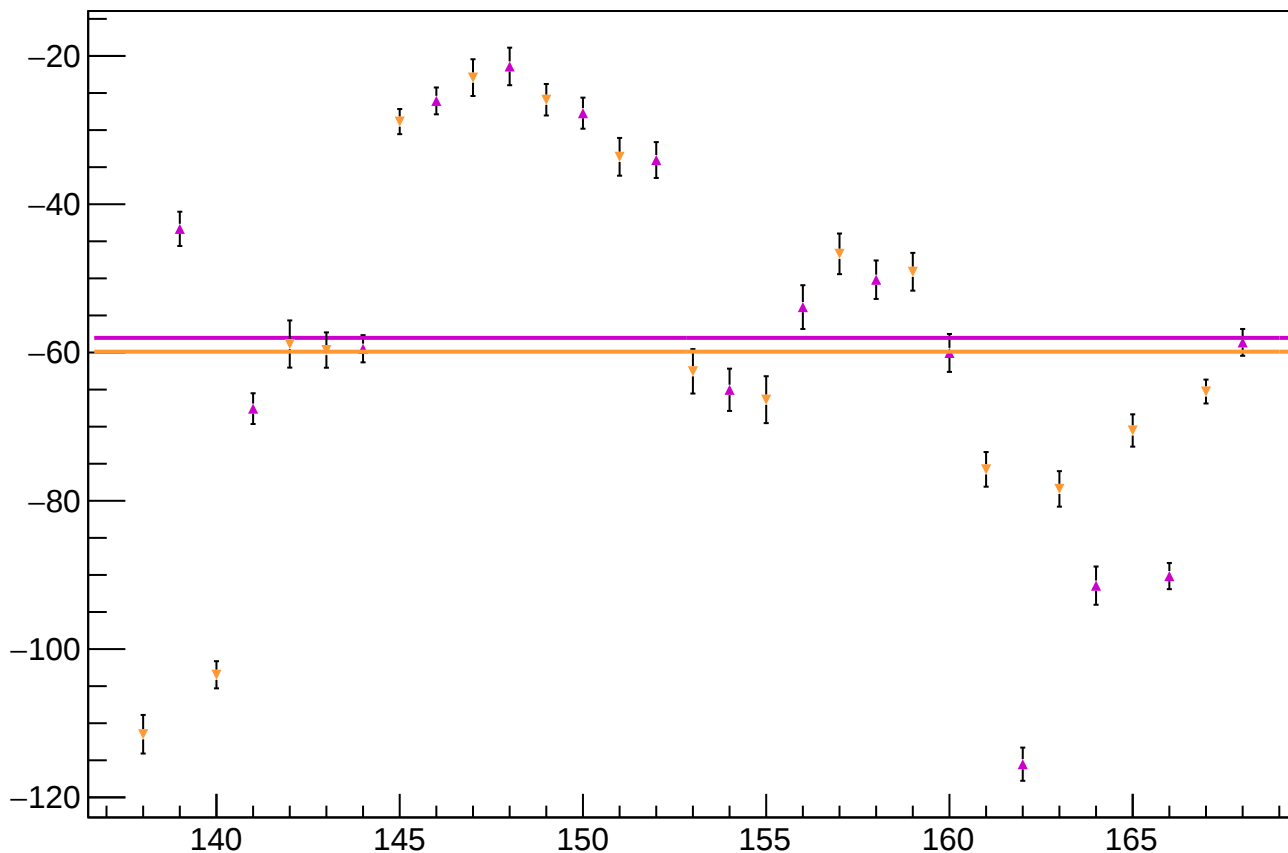
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.122 ± 0.009 χ^2/NDF : 1020.2/31

Out: 0.136 ± 0.009 χ^2/NDF : 1312.8/33

All: 0.128 ± 0.006 χ^2/NDF : 2334.1/65

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.885+/-0.572 χ^2/NDF :2065.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -58.024+/-0.569 χ^2/NDF :2068.6/14

Left: -58.949+/-0.403 χ^2/NDF : 4139.0/30

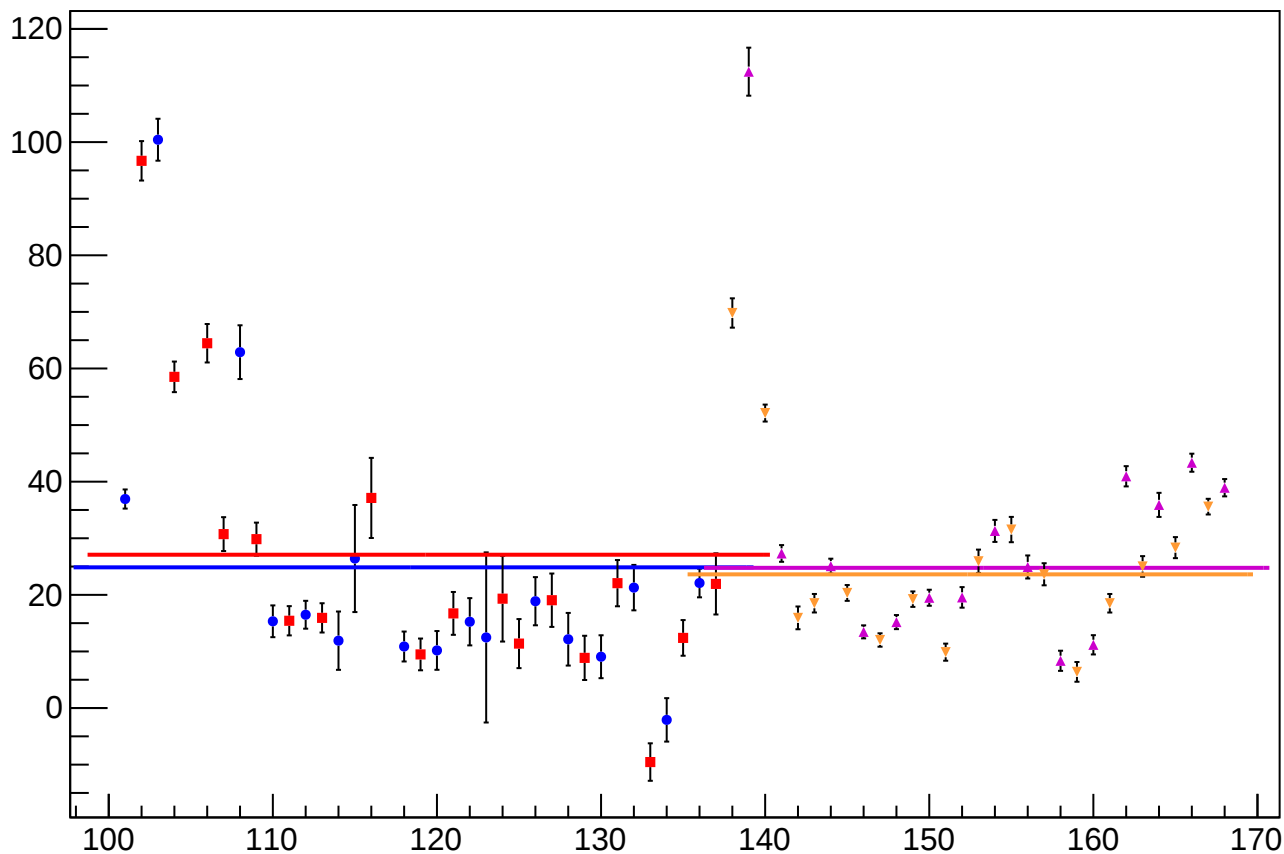
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -58.024+/-0.569 χ^2/NDF :2068.6/14

Out: -59.885+/-0.572 χ^2/NDF :2065.1/15

All: -58.949+/-0.403 χ^2/NDF : 4139.0/30

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 23.623 $\pm$ 0.411 χ^2 /NDF:1100.1/15

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 24.776 $\pm$ 0.415 χ^2 /NDF:1099.0/14

Left: 24.194 $\pm$ 0.292 χ^2 /NDF: 2202.9/30

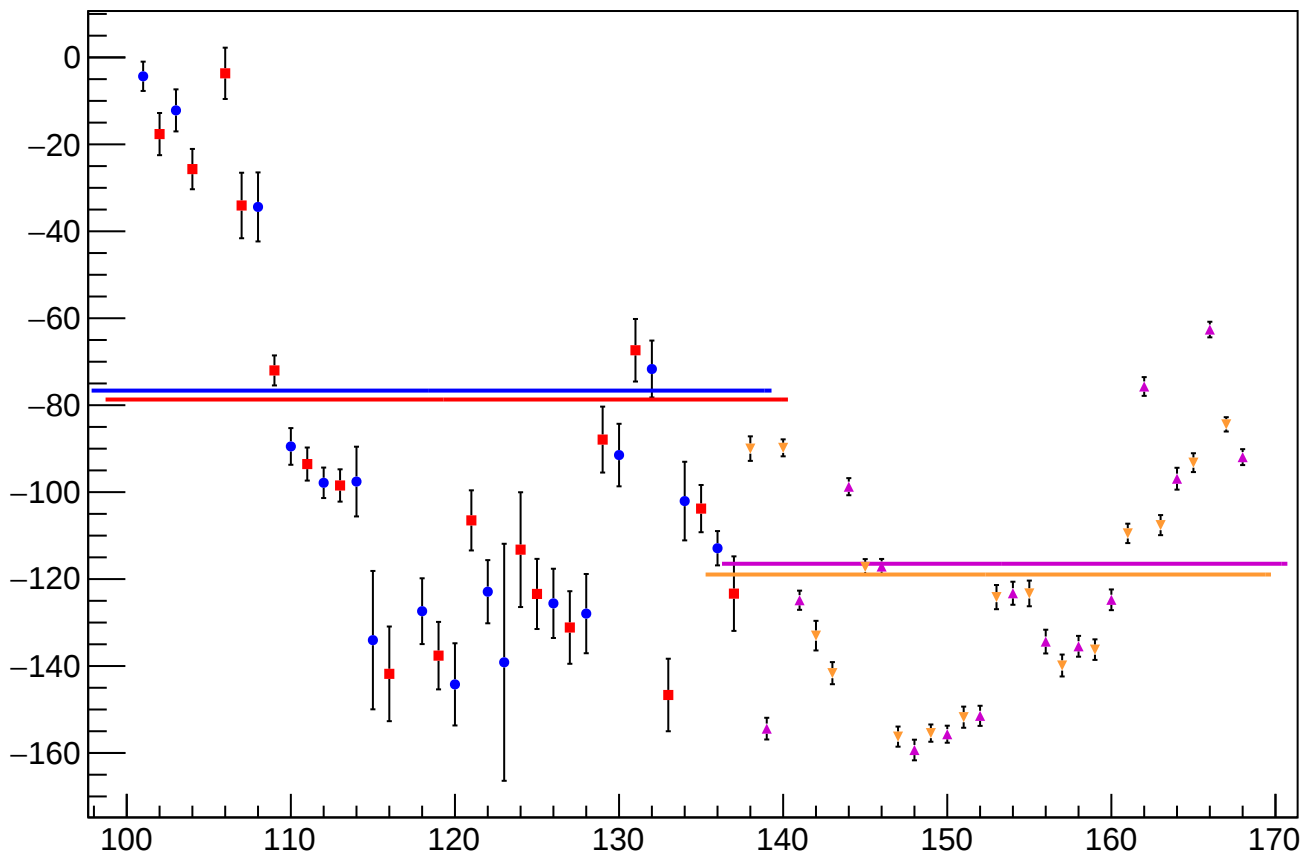
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 24.794 $\pm$ 0.368 χ^2 /NDF:1790.0/31

Out: 24.331 $\pm$ 0.367 χ^2 /NDF:2045.5/33

All: 24.561 $\pm$ 0.260 χ^2 /NDF: 3836.3/65

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -118.949 ± 0.568 $\chi^2/\text{NDF}: 1955.2/15$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -116.475 ± 0.560 $\chi^2/\text{NDF}: 2905.2/14$

Left: -117.695 ± 0.399 $\chi^2/\text{NDF}: 4870.0/30$

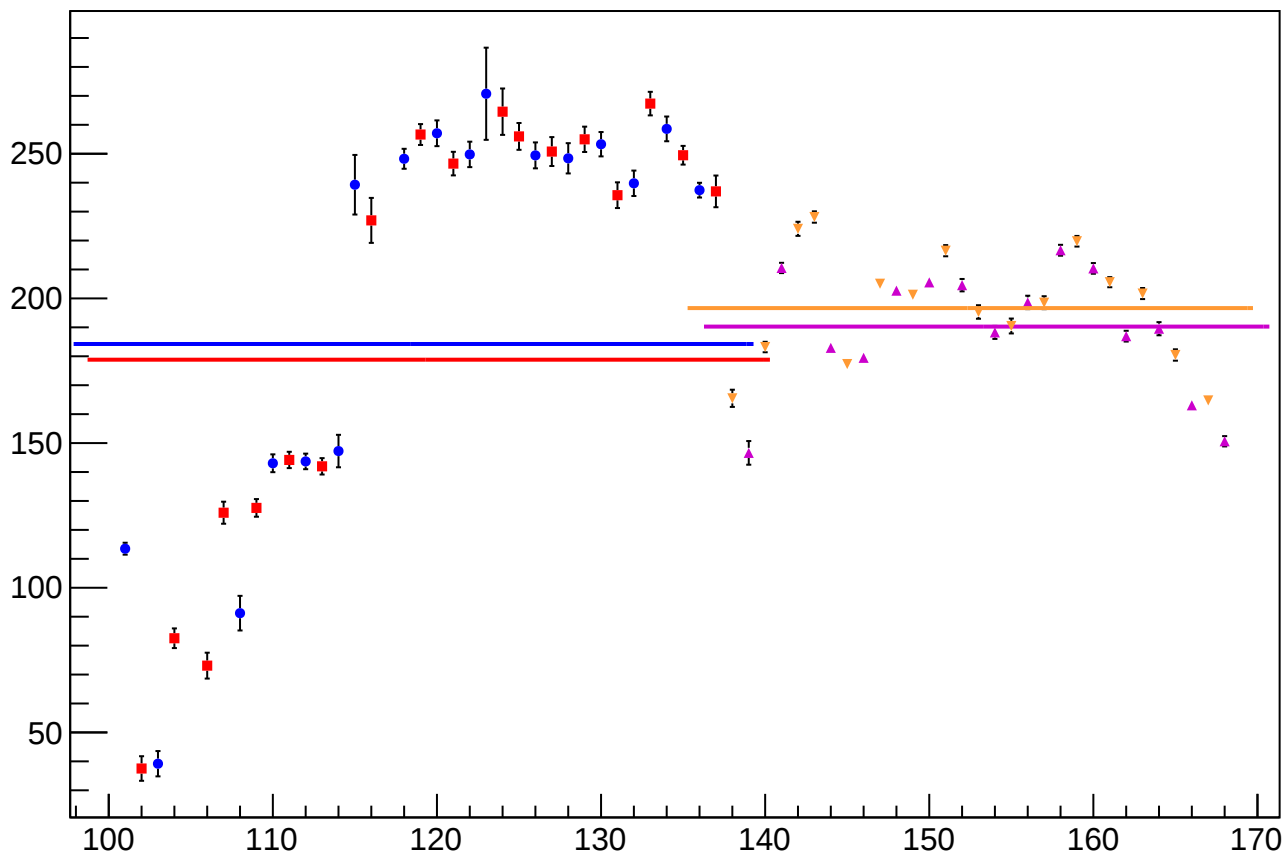
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -111.080 ± 0.521 $\chi^2/\text{NDF}: 4631.3/31$

Out: -112.969 ± 0.524 $\chi^2/\text{NDF}: 3537.6/33$

All: -112.018 ± 0.369 $\chi^2/\text{NDF}: 8175.5/65$

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: 196.656 $\pm$ 0.478 χ^2 /NDF:1544.7/15

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 190.261 $\pm$ 0.482 χ^2 /NDF:1589.4/14

Left: 193.485 $\pm$ 0.339 χ^2 /NDF: 3222.8/30

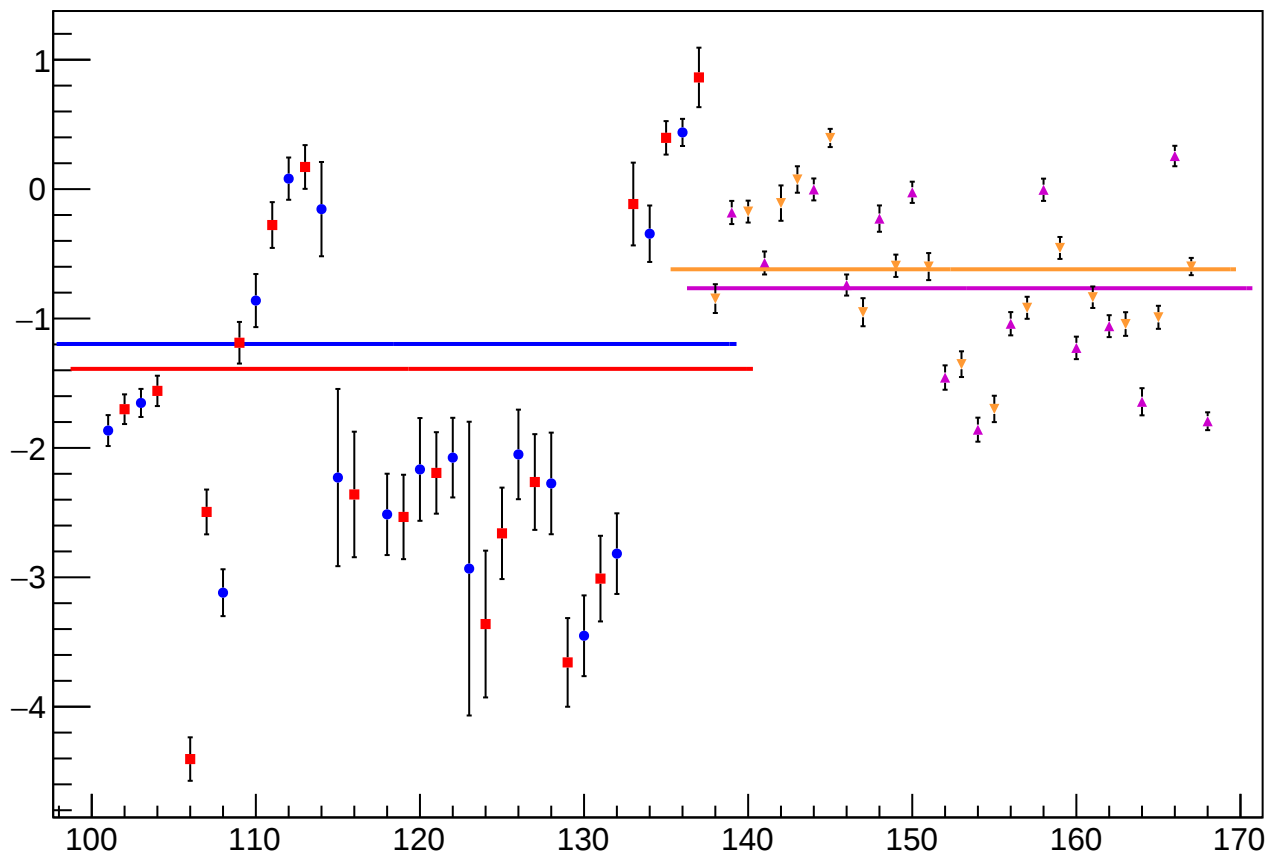
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 188.955 $\pm$ 0.427 χ^2 /NDF:7011.8/31

Out: 192.901 $\pm$ 0.425 χ^2 /NDF:8008.7/33

All: 190.936 $\pm$ 0.301 χ^2 /NDF: 15063.4/65

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.620 ± 0.023 χ^2/NDF : 537.7/15

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.766 ± 0.022 χ^2/NDF : 1018.0/14

Left: -0.693 ± 0.016 χ^2/NDF : 1577.0/30

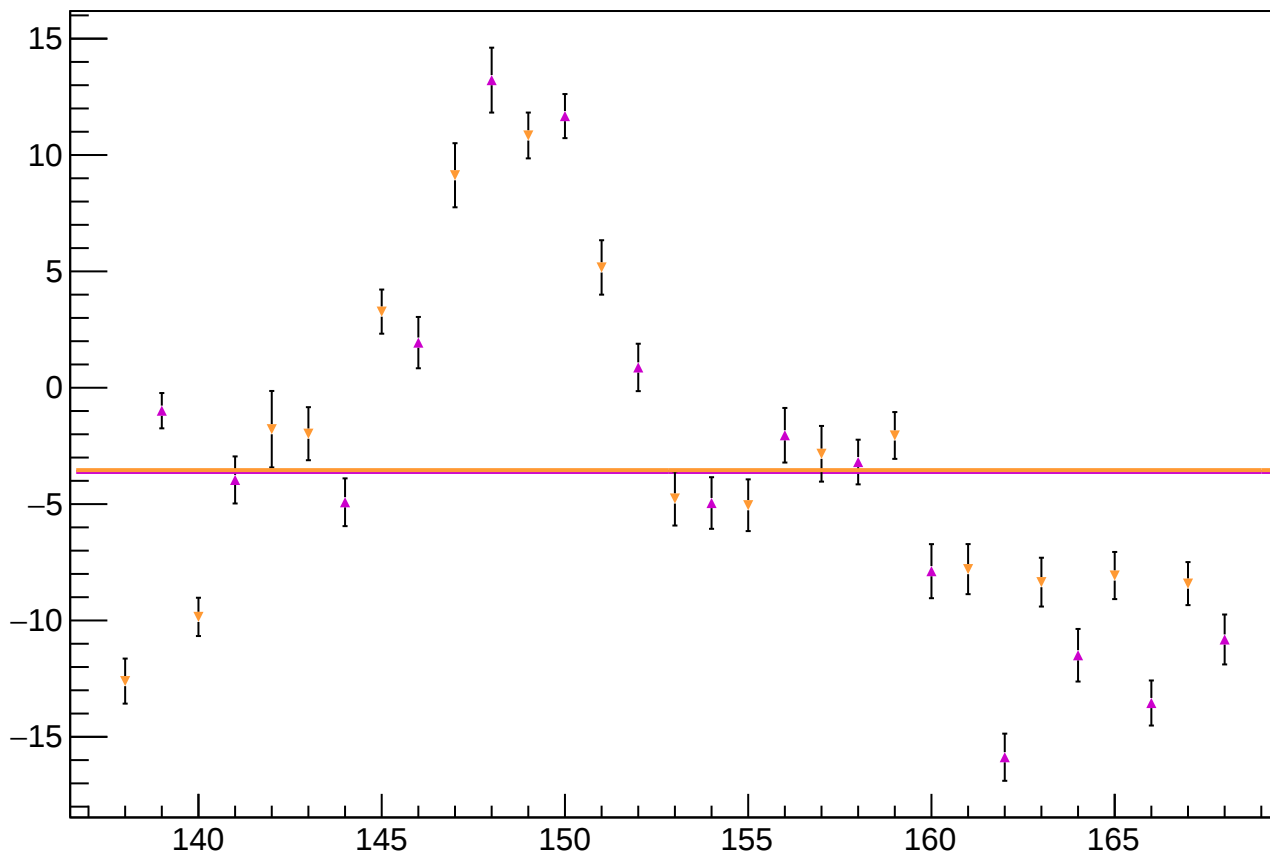
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.842 ± 0.020 χ^2/NDF : 1705.5/31

Out: -0.768 ± 0.020 χ^2/NDF : 1685.2/33

All: -0.805 ± 0.014 χ^2/NDF : 3397.4/65

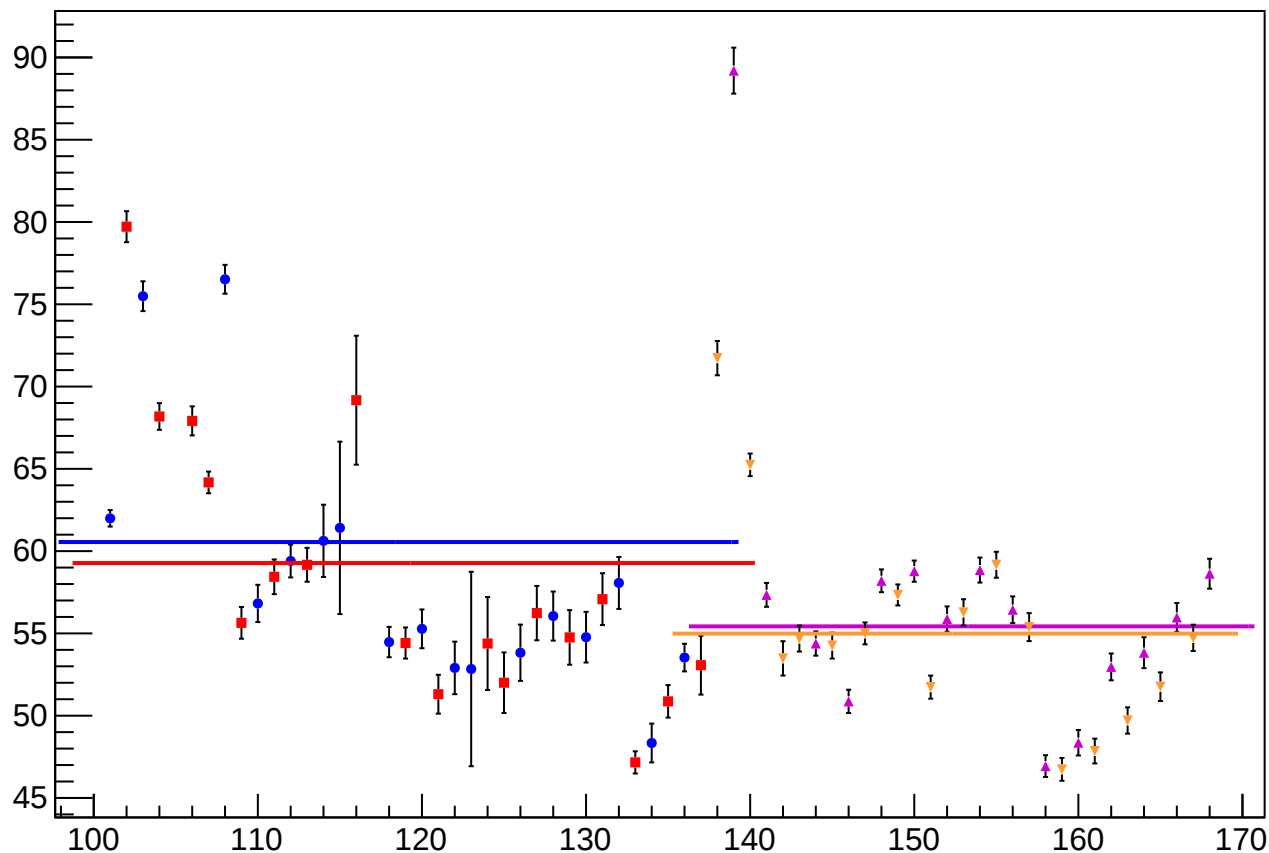
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.540 $\pm$ 0.265 χ^2 /NDF:644.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.618 $\pm$ 0.266 χ^2 /NDF:827.0/14

Left: -3.579 $\pm$ 0.188 χ^2 /NDF: 1471.7/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.618 $\pm$ 0.266 χ^2 /NDF:827.0/14
 Out: -3.540 $\pm$ 0.265 χ^2 /NDF:644.6/15
 All: -3.579 $\pm$ 0.188 χ^2 /NDF: 1471.7/30

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: 54.988 ± 0.193 $\chi^2/\text{NDF}: 839.6/15$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.427 ± 0.201 $\chi^2/\text{NDF}: 972.9/14$

Left: 55.199 ± 0.139 $\chi^2/\text{NDF}: 1814.9/30$

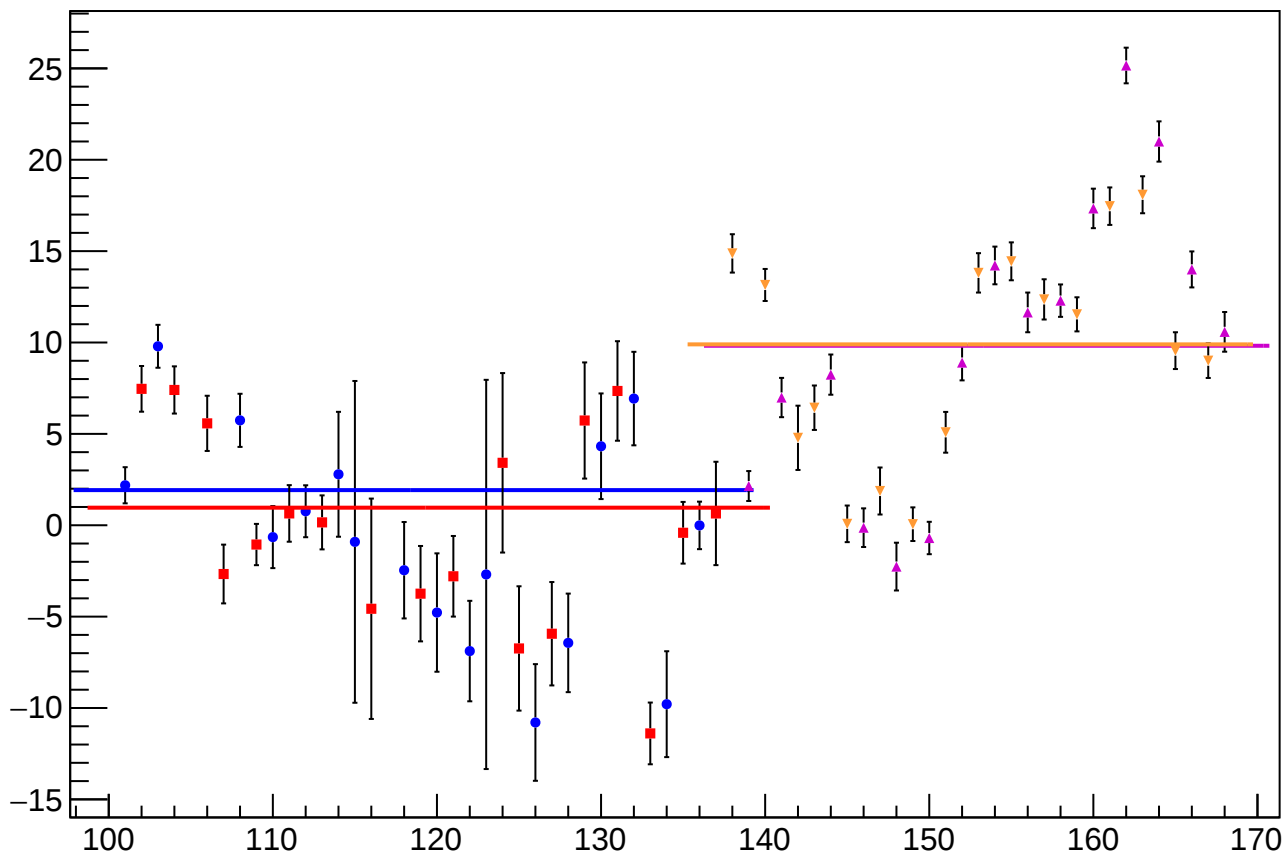
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.327 ± 0.159 $\chi^2/\text{NDF}: 2145.1/31$

Out: 56.601 ± 0.153 $\chi^2/\text{NDF}: 2299.5/33$

All: 56.948 ± 0.110 $\chi^2/\text{NDF}: 4455.4/65$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 9.898 ± 0.262 χ^2/NDF : 482.0/15

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 9.822 ± 0.261 χ^2/NDF : 858.4/14

Left: 9.860 ± 0.185 χ^2/NDF : 1340.5/30

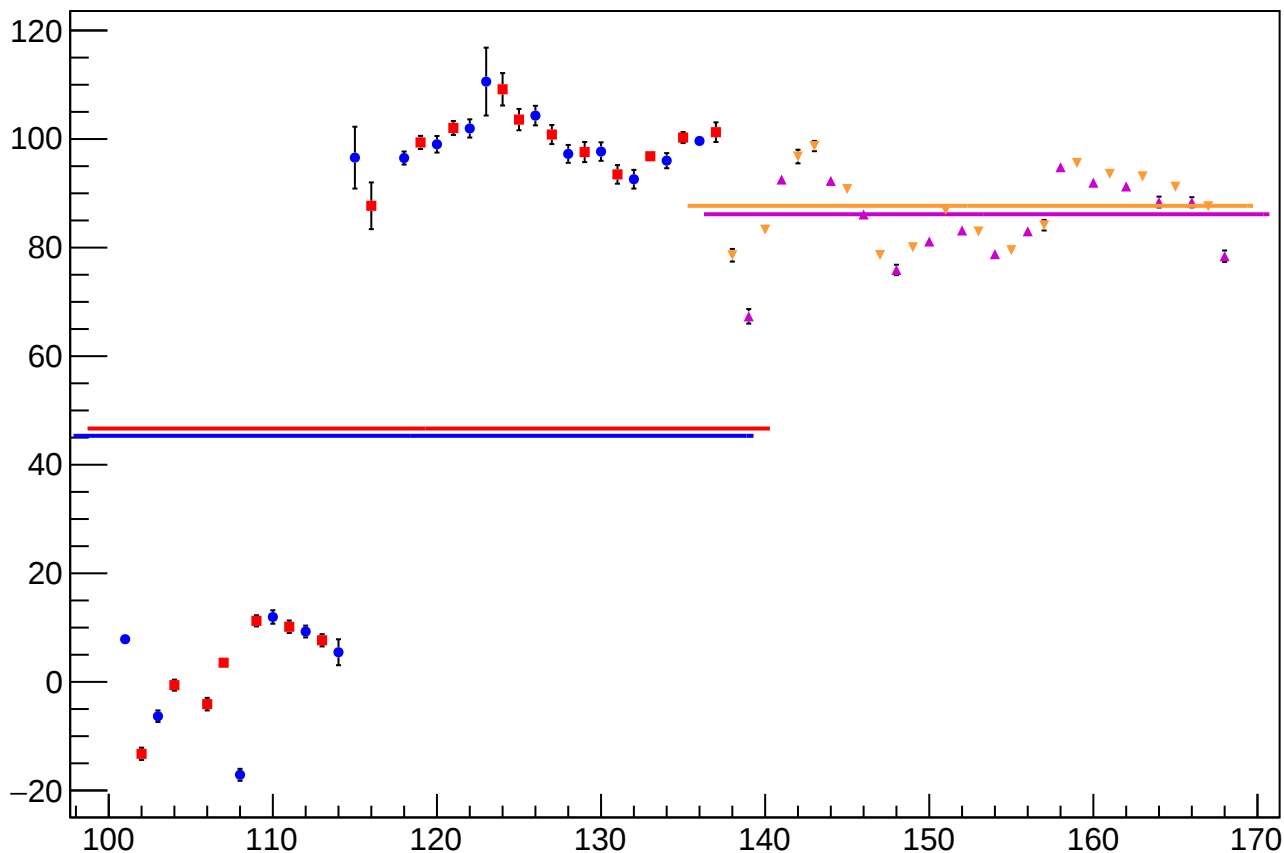
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 7.885 ± 0.227 χ^2/NDF : 1203.7/31

Out: 7.478 ± 0.224 χ^2/NDF : 947.5/33

All: 7.679 ± 0.159 χ^2/NDF : 2152.9/65

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.698 $\pm$ 0.223 χ^2 /NDF:837.3/15

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.143 $\pm$ 0.229 χ^2 /NDF:854.8/14

Left: 86.944 $\pm$ 0.160 χ^2 /NDF: 1715.8/30

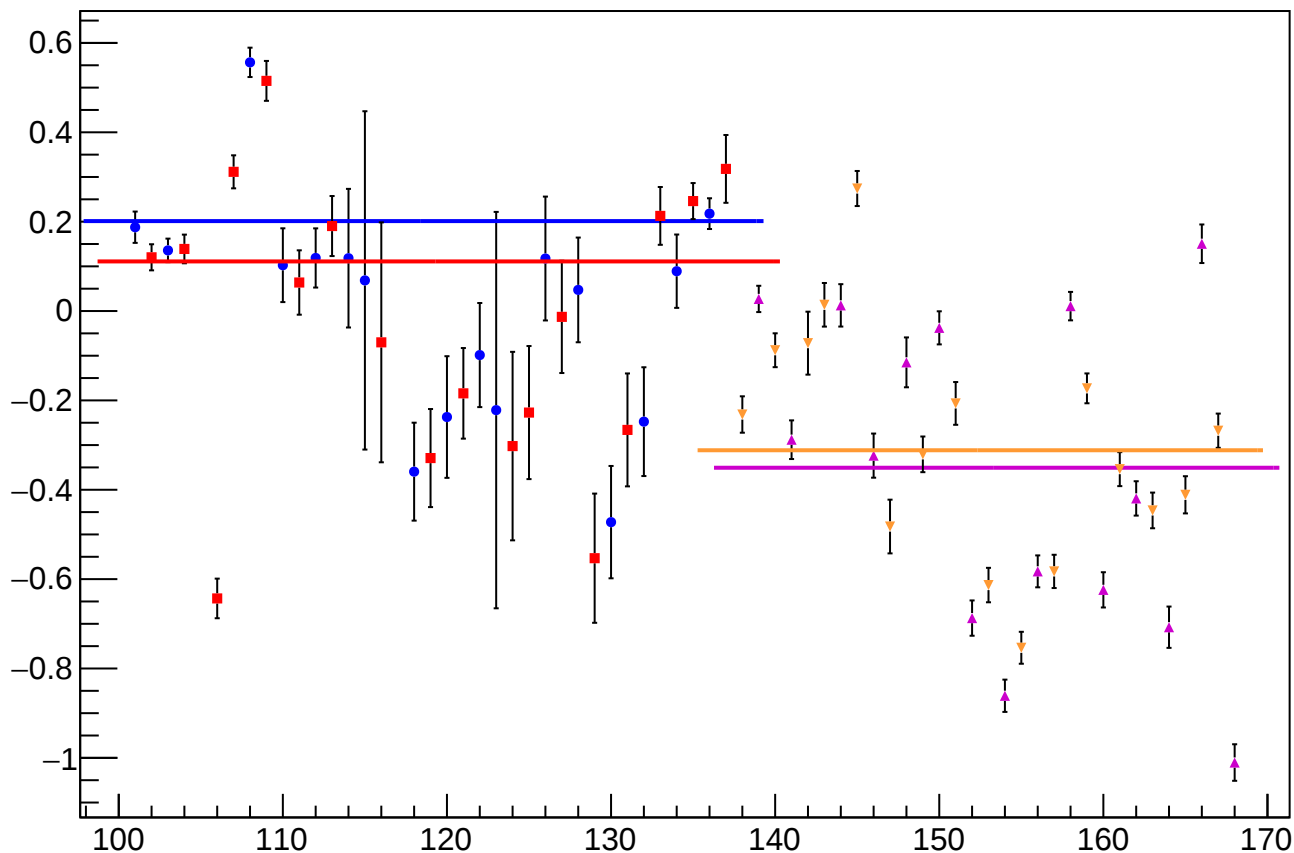
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 71.305 $\pm$ 0.183 χ^2 /NDF:37362.5/31

Out: 72.543 $\pm$ 0.177 χ^2 /NDF:41287.4/33

All: 71.946 $\pm$ 0.127 χ^2 /NDF: 78673.6/65

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.312 ± 0.010 χ^2/NDF : 634.8/15

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.351 ± 0.010 χ^2/NDF : 1264.9/14

Left: -0.331 ± 0.007 χ^2/NDF : 1907.1/30

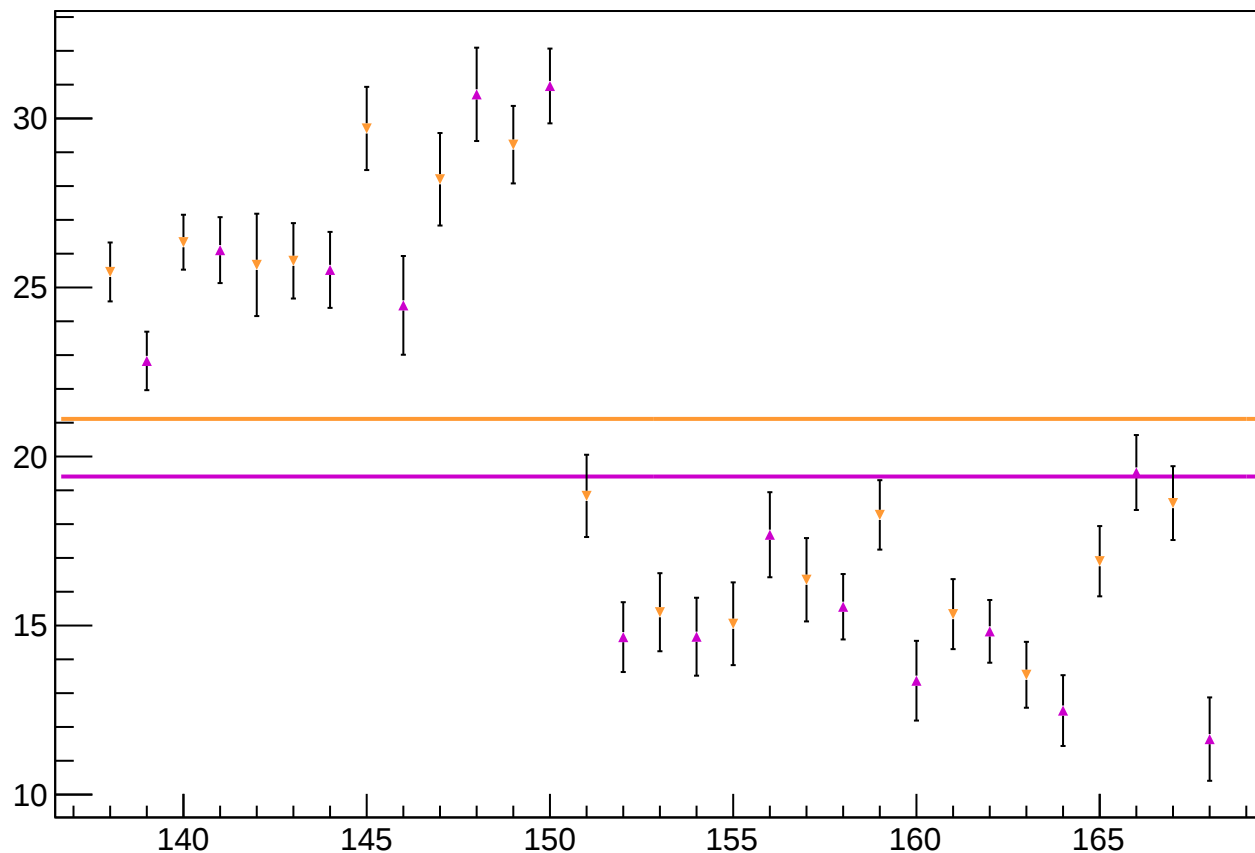
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.161 ± 0.008 χ^2/NDF : 2496.8/31

Out: -0.153 ± 0.008 χ^2/NDF : 1766.7/33

All: -0.157 ± 0.006 χ^2/NDF : 4264.0/65

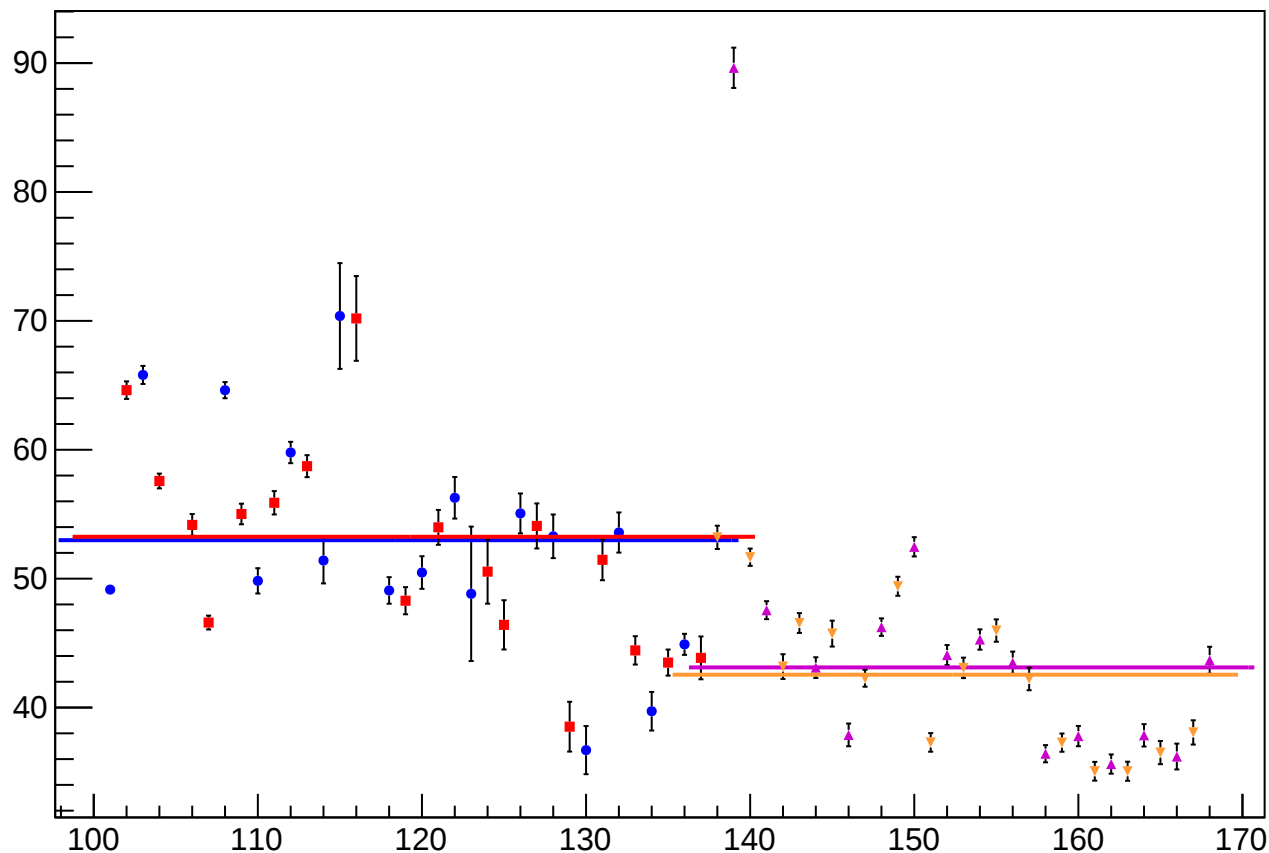
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.113+/-0.272 χ^2/NDF :406.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.408+/-0.281 χ^2/NDF :470.4/14

Left: 20.288+/-0.196 χ^2/NDF : 896.0/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.408+/-0.281 χ^2/NDF :470.4/14
 Out: 21.113+/-0.272 χ^2/NDF :406.7/15
 All: 20.288+/-0.196 χ^2/NDF : 896.0/30

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 42.548 $\pm$ 0.198 χ^2 /NDF: 849.2/15

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 43.113 $\pm$ 0.210 χ^2 /NDF: 1480.3/14

Left: 42.814 $\pm$ 0.144 χ^2 /NDF: 2333.3/30

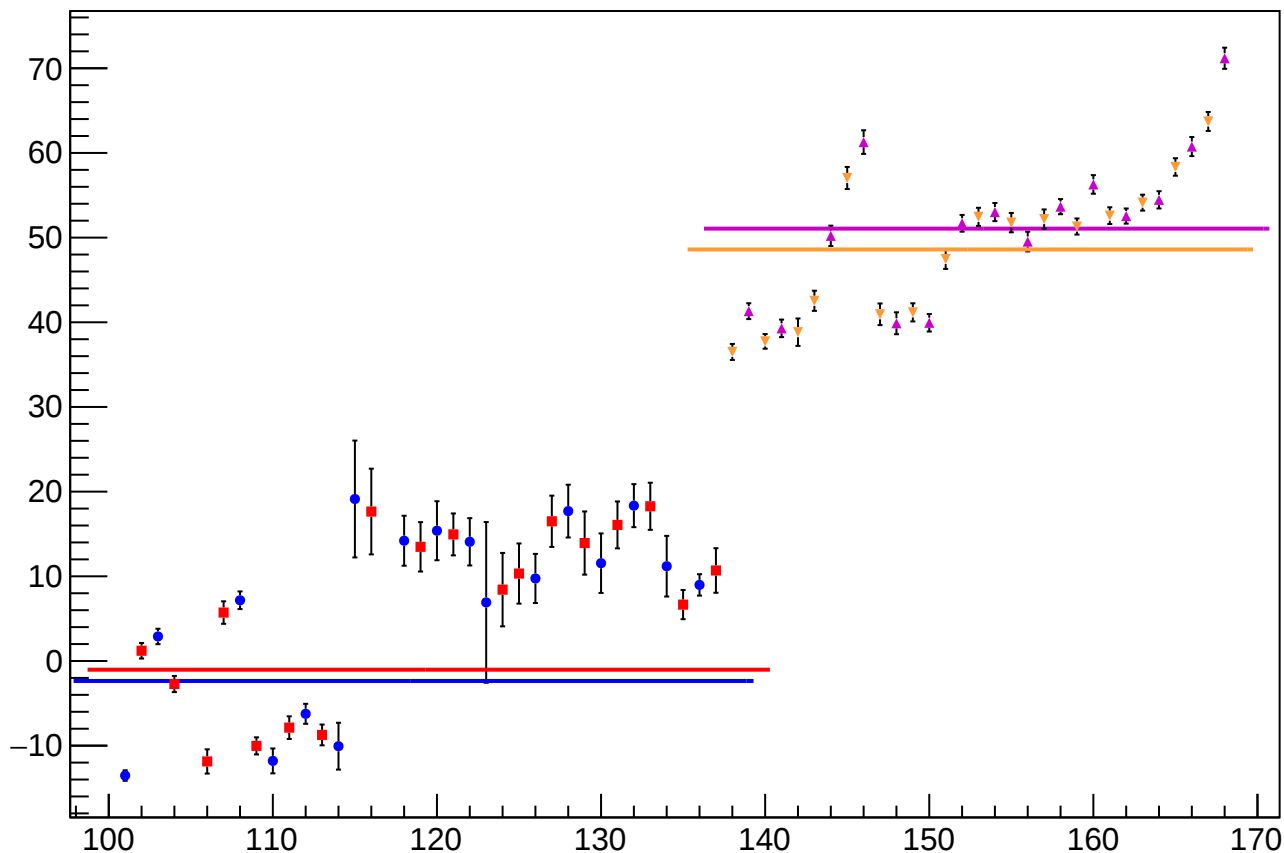
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 48.033 $\pm$ 0.148 χ^2 /NDF: 3783.3/31

Out: 47.153 $\pm$ 0.149 χ^2 /NDF: 2966.9/33

All: 47.595 $\pm$ 0.105 χ^2 /NDF: 6767.7/65

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 48.603 ± 0.270 χ^2/NDF : 872.0/15

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 51.060 ± 0.276 χ^2/NDF : 865.7/14

Left: 49.804 ± 0.193 χ^2/NDF : 1778.3/30

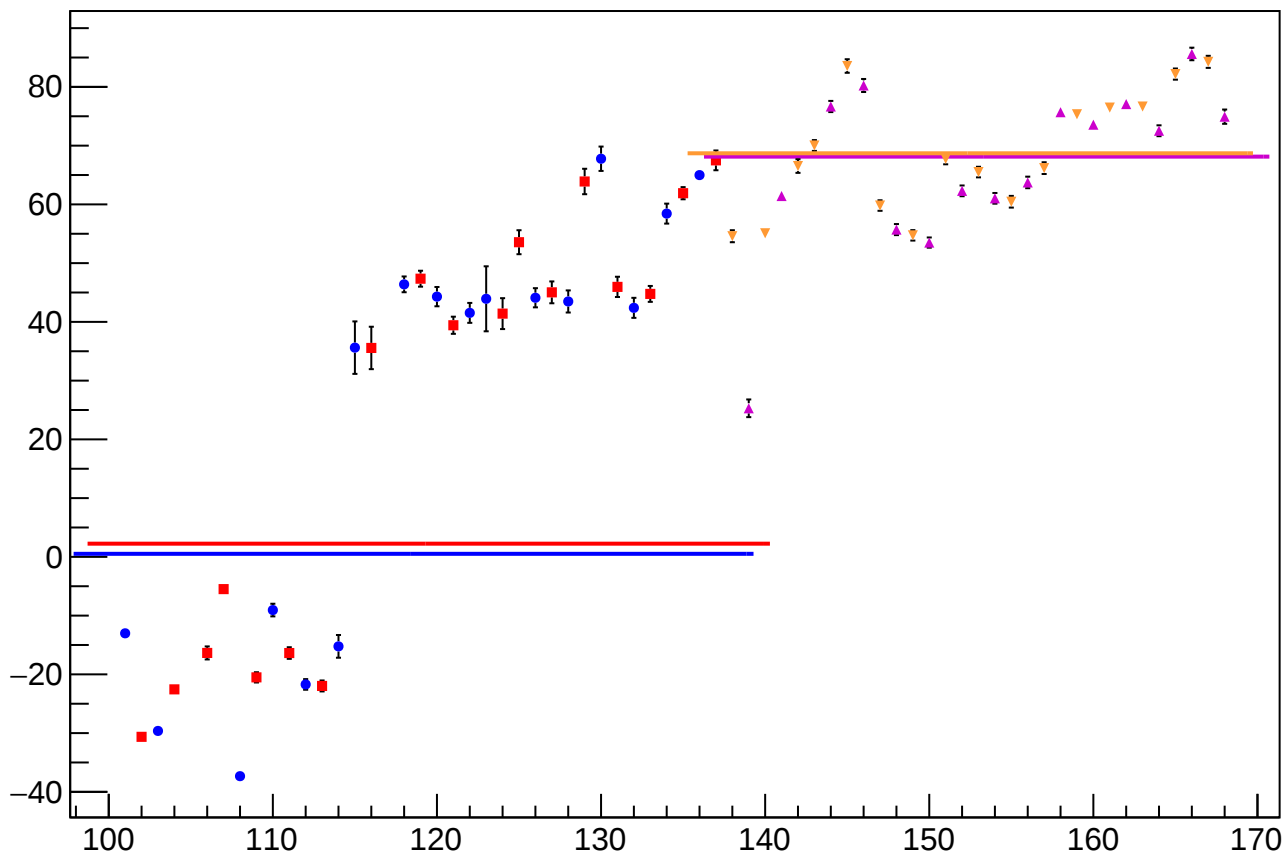
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 31.605 ± 0.220 χ^2/NDF : 15387.5/31

Out: 32.001 ± 0.220 χ^2/NDF : 12716.9/33

All: 31.803 ± 0.155 χ^2/NDF : 28106.1/65

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 68.698+/-0.228 χ^2/NDF :1793.1/15

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 68.131+/-0.239 χ^2/NDF :2262.9/14

Left: 68.428+/-0.165 χ^2/NDF : 4058.9/30

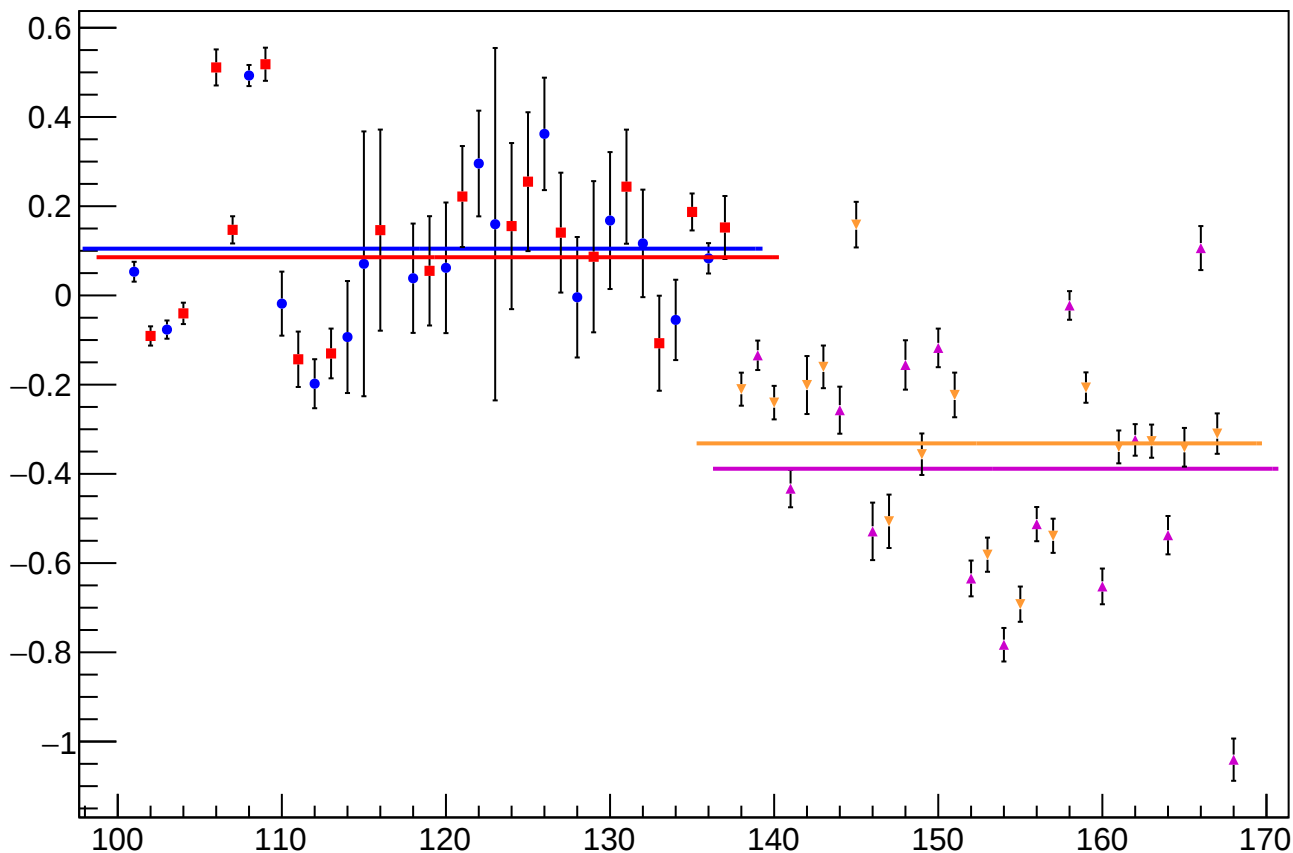
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 35.365+/-0.172 χ^2/NDF :59291.1/31

Out: 40.716+/-0.174 χ^2/NDF :52921.1/33

All: 38.015+/-0.122 χ^2/NDF : 112692.0/65

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.332 ± 0.011 χ^2/NDF : 307.8/15

Right Out: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.389 ± 0.011 χ^2/NDF : 765.5/14

Left: -0.360 ± 0.008 χ^2/NDF : 1087.6/30

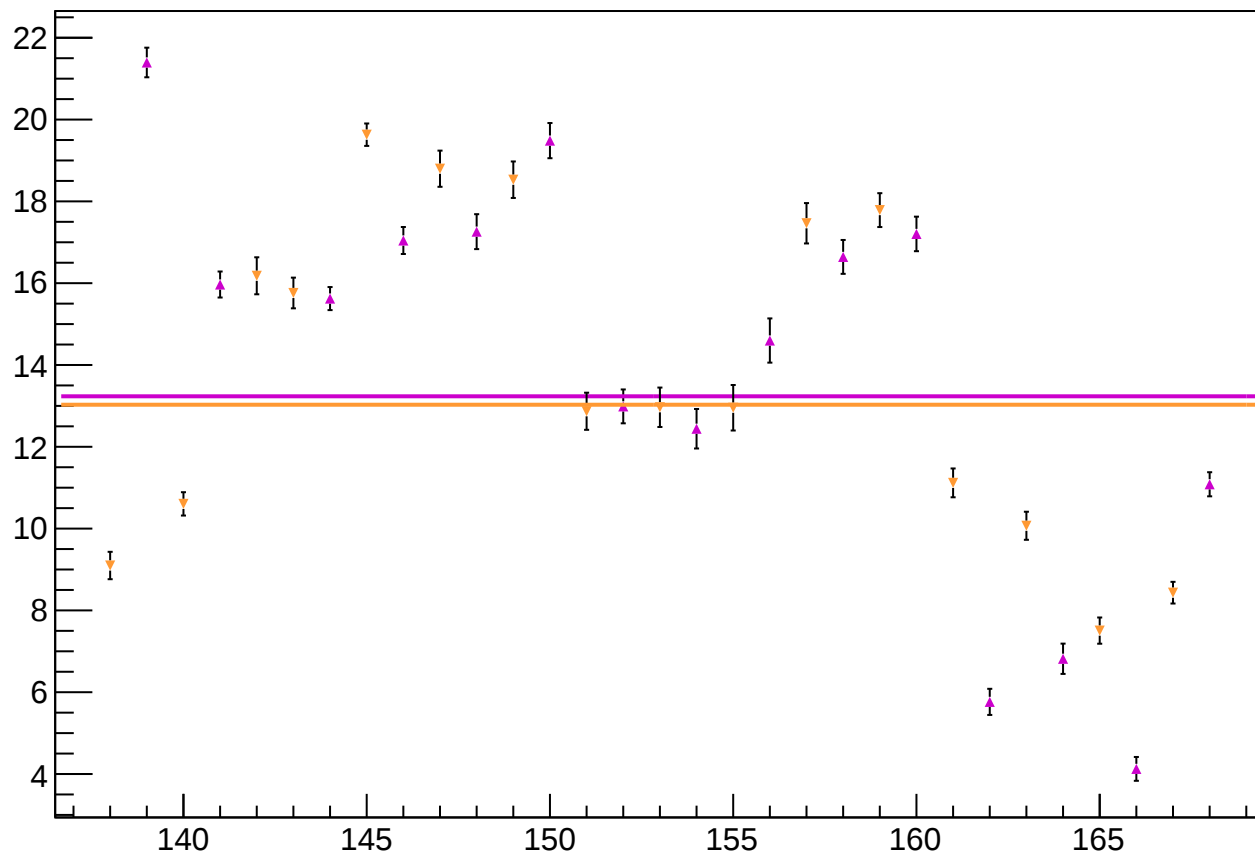
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: -0.150 ± 0.008 χ^2/NDF : 2197.4/31

Out: -0.133 ± 0.008 χ^2/NDF : 1439.5/33

All: -0.141 ± 0.005 χ^2/NDF : 3639.2/65

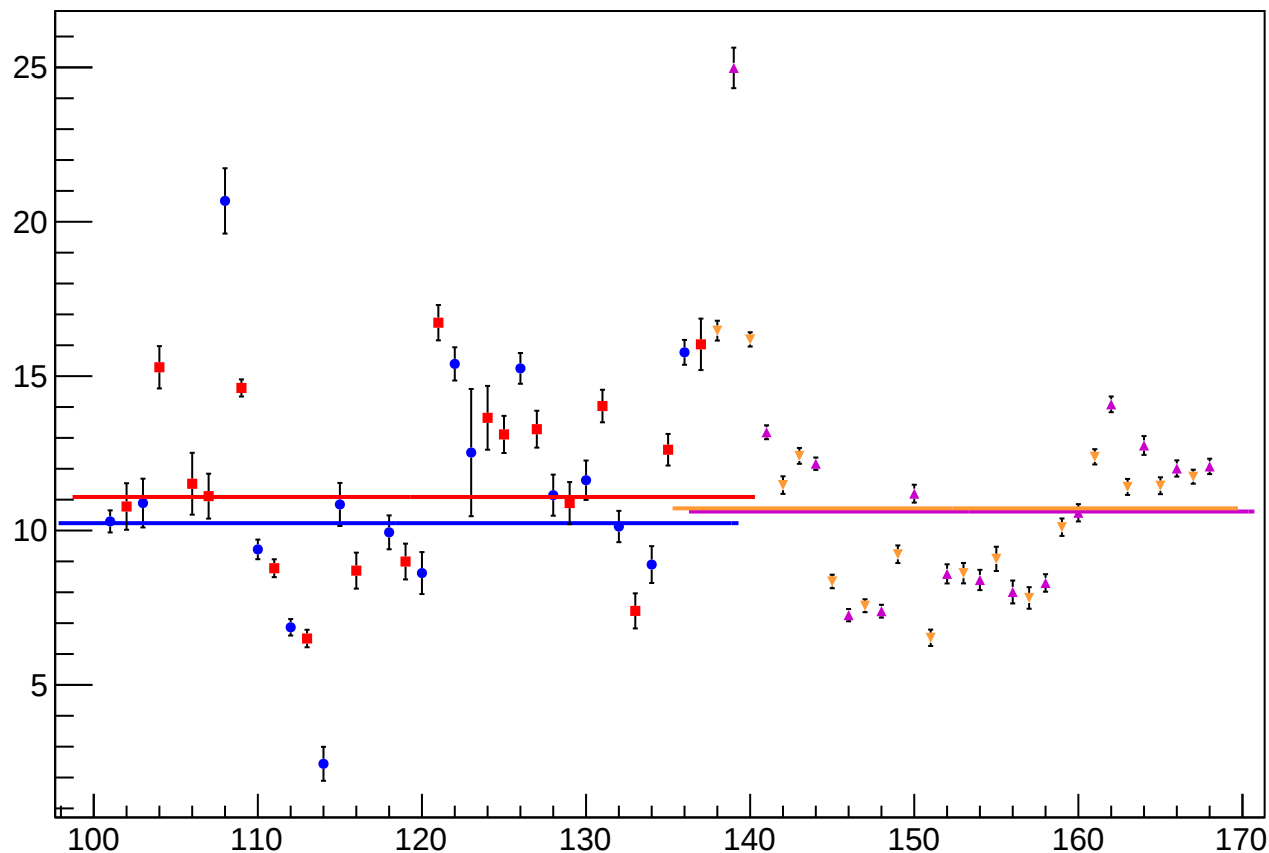
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 13.028 +/- 0.091 χ^2/NDF : 2128.4/15
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 13.234 +/- 0.093 χ^2/NDF : 3131.3/14

Left: 13.130 +/- 0.065 χ^2/NDF : 5262.2/30
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 13.234 +/- 0.093 χ^2/NDF : 3131.3/14
 Out: 13.028 +/- 0.091 χ^2/NDF : 2128.4/15
 All: 13.130 +/- 0.065 χ^2/NDF : 5262.2/30

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.718 $\pm$ 0.066 χ^2 /NDF:1761.0/15

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 10.615 $\pm$ 0.068 χ^2 /NDF:1700.4/14

Left: 10.668 $\pm$ 0.048 χ^2 /NDF: 3462.6/30

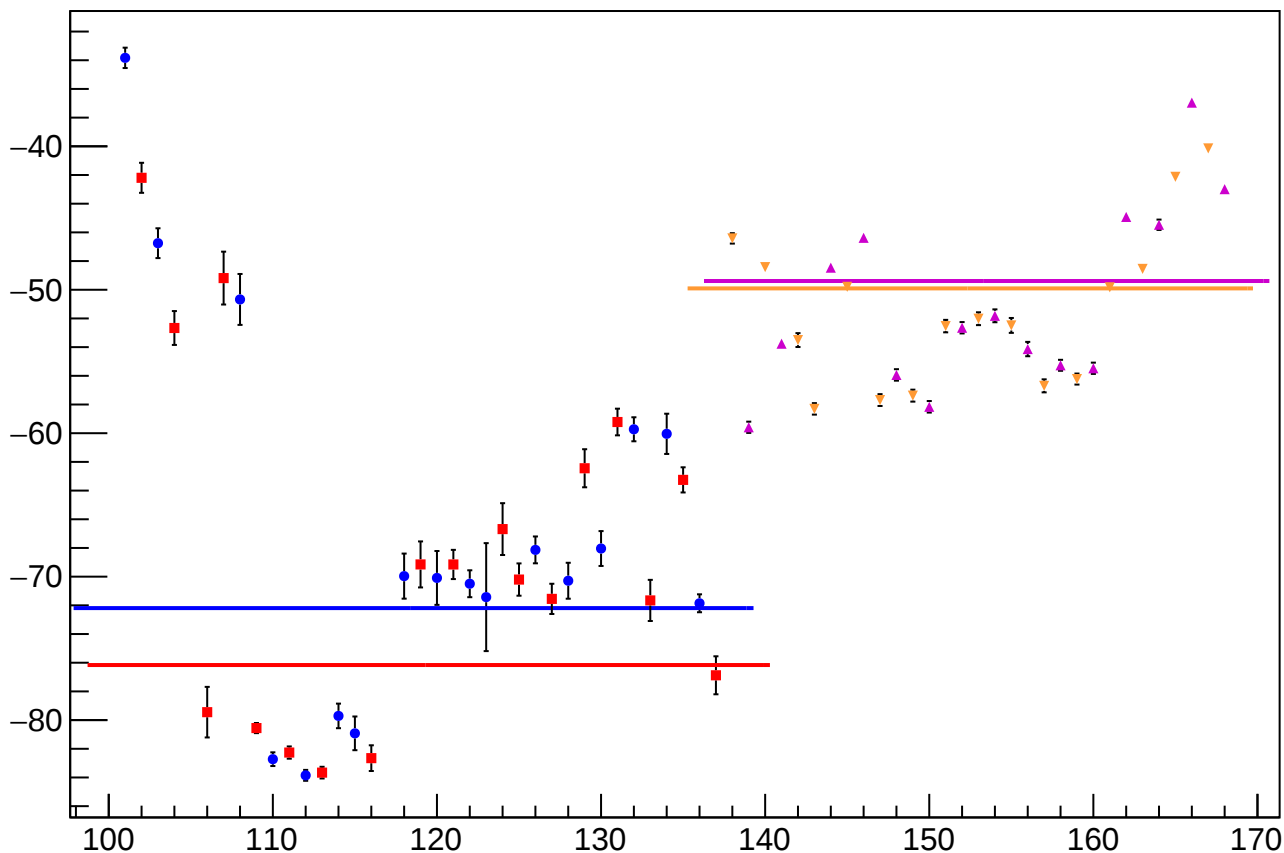
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 10.523 $\pm$ 0.059 χ^2 /NDF:2575.4/31

Out: 10.809 $\pm$ 0.058 χ^2 /NDF:2569.6/33

All: 10.669 $\pm$ 0.041 χ^2 /NDF: 5157.0/65

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -49.905 ± 0.092 $\chi^2/\text{NDF}: 3775.5/15$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -49.390 ± 0.092 $\chi^2/\text{NDF}: 4900.1/14$

Left: -49.649 ± 0.065 $\chi^2/\text{NDF}: 8691.3/30$

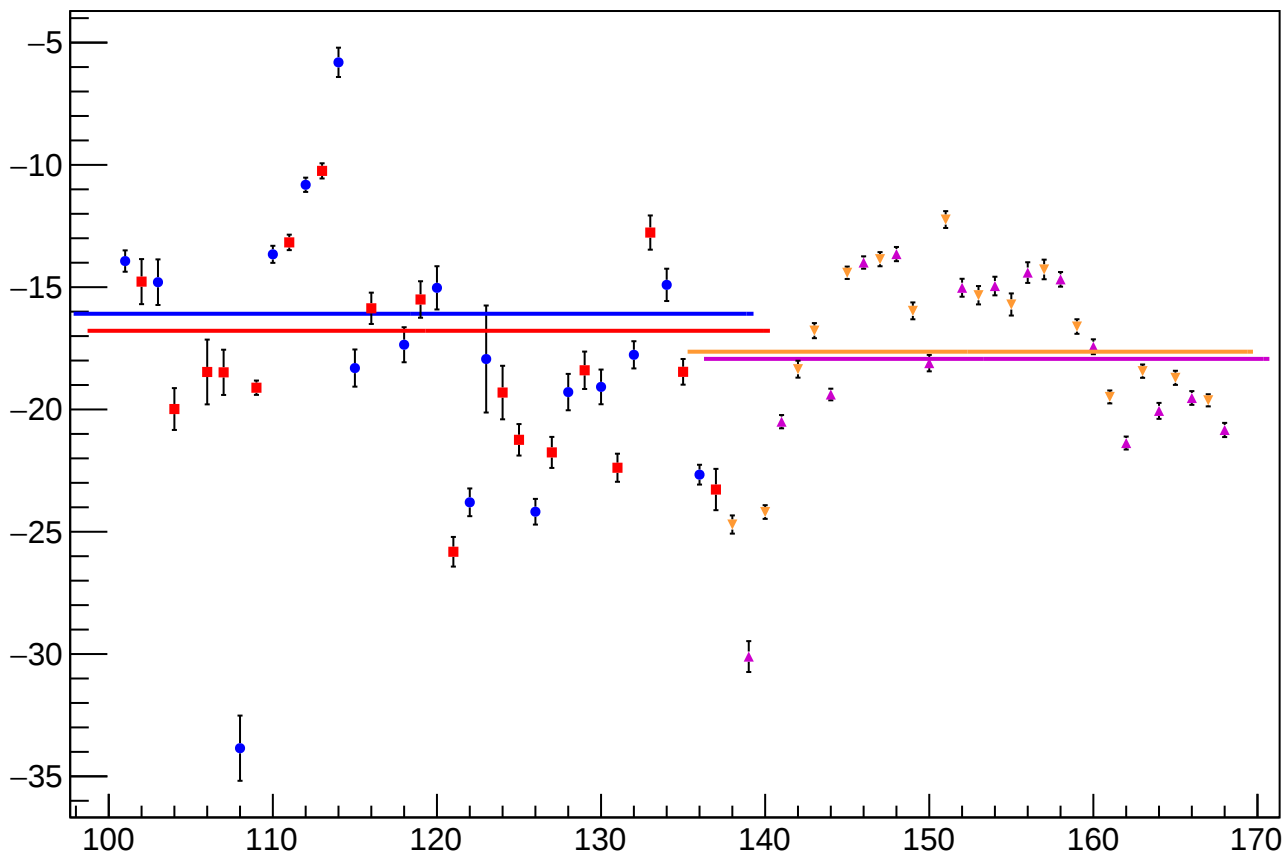
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -53.434 ± 0.083 $\chi^2/\text{NDF}: 21358.5/31$

Out: -55.245 ± 0.082 $\chi^2/\text{NDF}: 23718.6/33$

All: -54.358 ± 0.058 $\chi^2/\text{NDF}: 45317.7/65$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.638 ± 0.077 χ^2/NDF : 1797.1/15

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.932 ± 0.079 χ^2/NDF : 1615.6/14

Left: -17.781 ± 0.055 χ^2/NDF : 3419.8/30

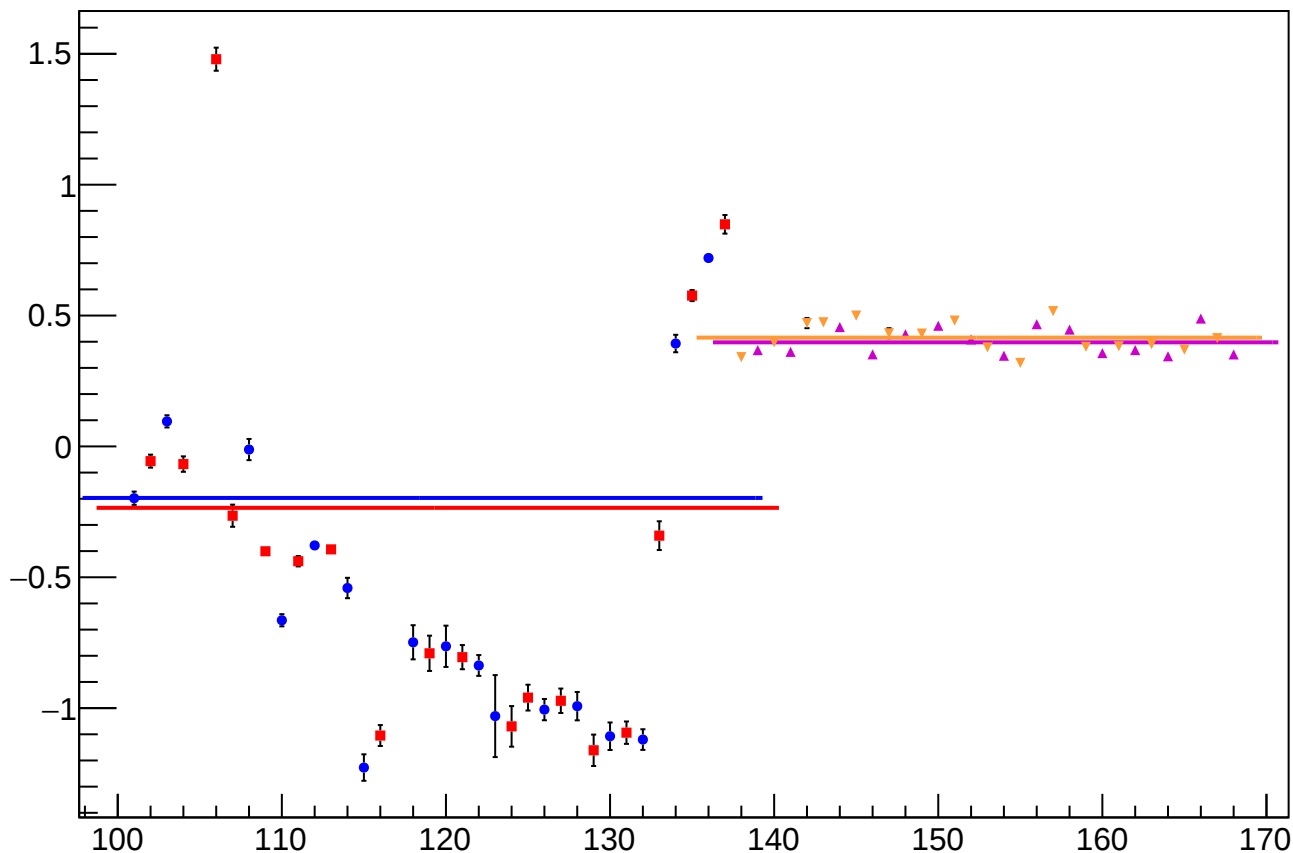
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -17.447 ± 0.068 χ^2/NDF : 3380.5/31

Out: -17.411 ± 0.066 χ^2/NDF : 3034.2/33

All: -17.429 ± 0.047 χ^2/NDF : 6414.8/65

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.416 ± 0.004 χ^2/NDF : 224.3/15

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.398 ± 0.004 χ^2/NDF : 192.0/14

Left: 0.407 ± 0.003 χ^2/NDF : 428.5/30

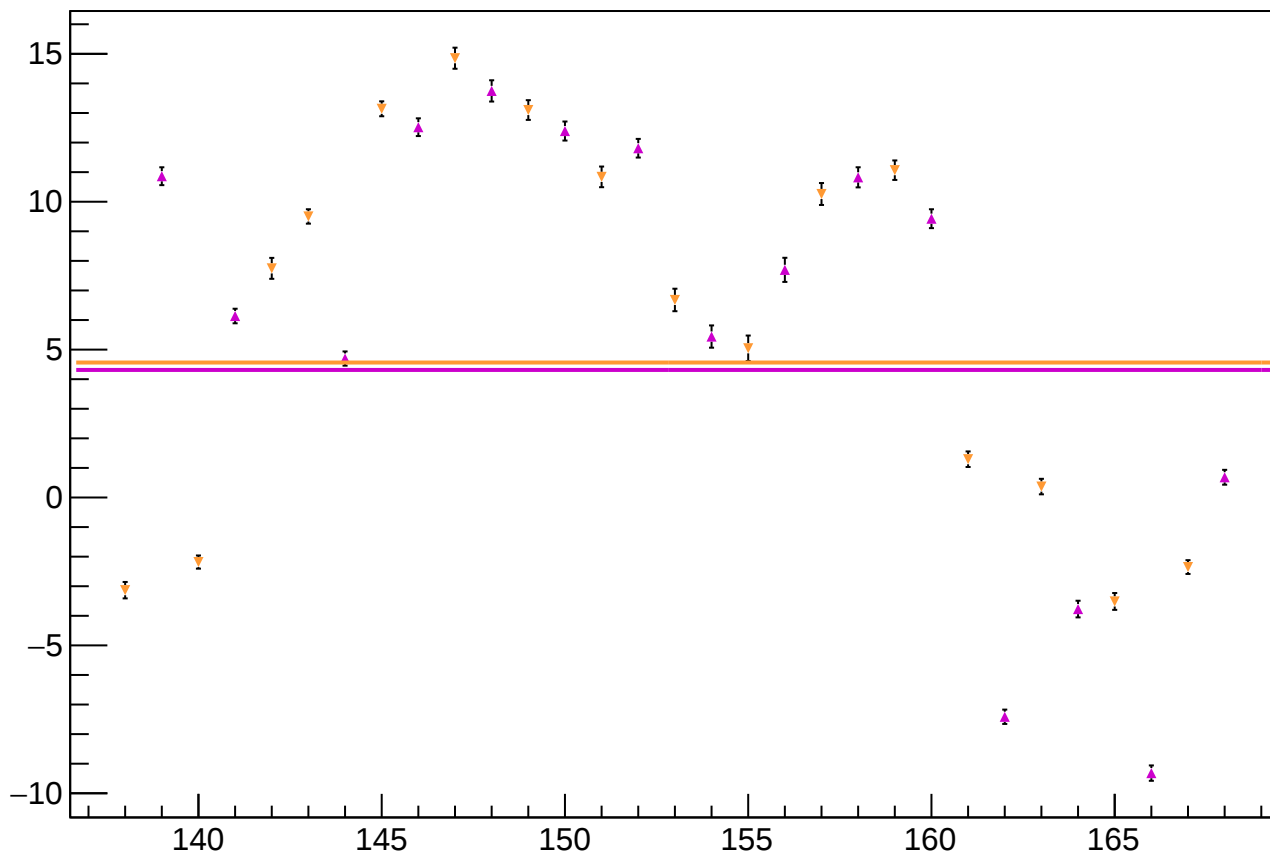
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.284 ± 0.003 χ^2/NDF : 11542.9/31

Out: 0.283 ± 0.003 χ^2/NDF : 12950.2/33

All: 0.284 ± 0.002 χ^2/NDF : 24493.1/65

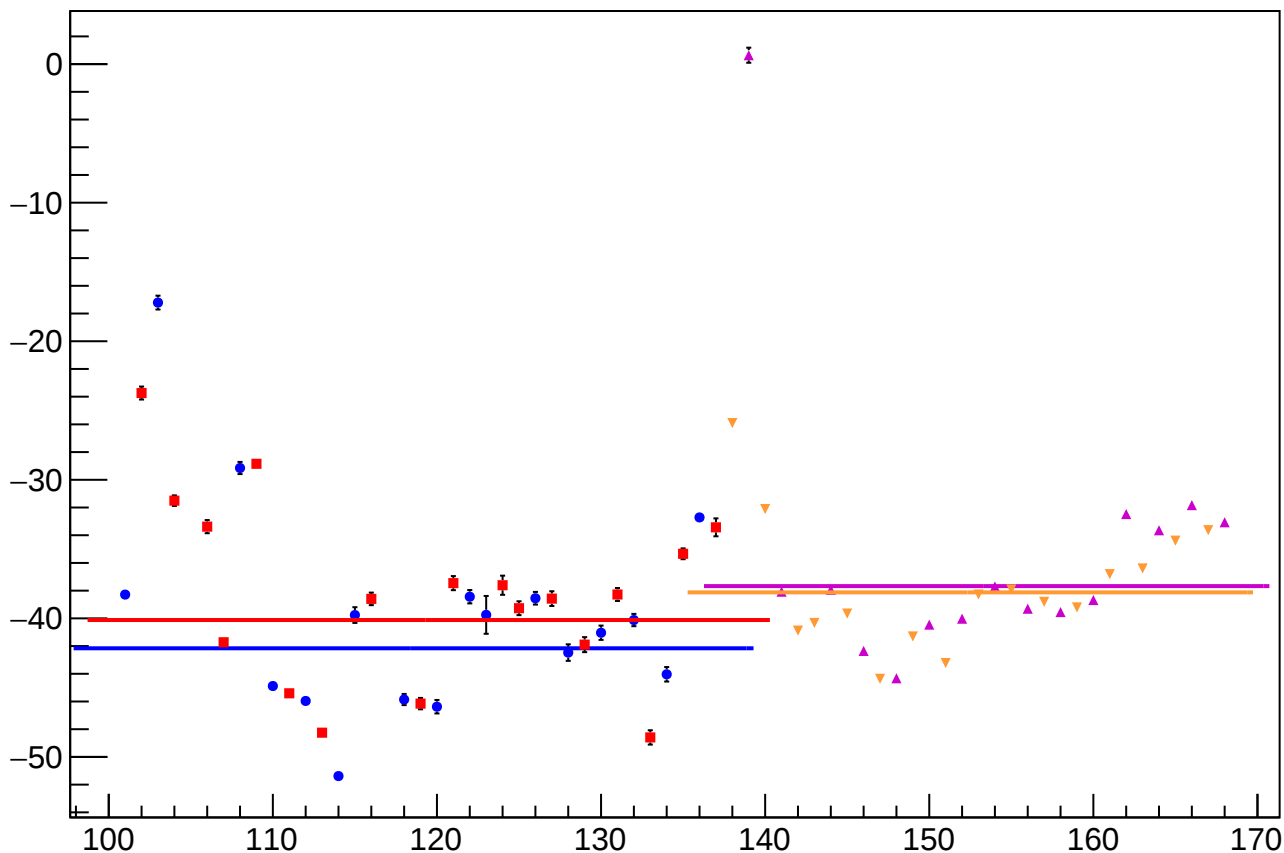
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.563 $\pm$ 0.073 χ^2 /NDF:7899.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.313 $\pm$ 0.076 χ^2 /NDF:9989.6/14

Left: 4.442 $\pm$ 0.053 χ^2 /NDF: 17894.9/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.313 $\pm$ 0.076 χ^2 /NDF:9989.6/14
 Out: 4.563 $\pm$ 0.073 χ^2 /NDF:7899.6/15
 All: 4.442 $\pm$ 0.053 χ^2 /NDF: 17894.9/30

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.124 ± 0.053 $\chi^2/\text{NDF}: 6625.2/15$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -37.672 ± 0.056 $\chi^2/\text{NDF}: 9511.4/14$

Left: -37.910 ± 0.038 $\chi^2/\text{NDF}: 16171.4/30$

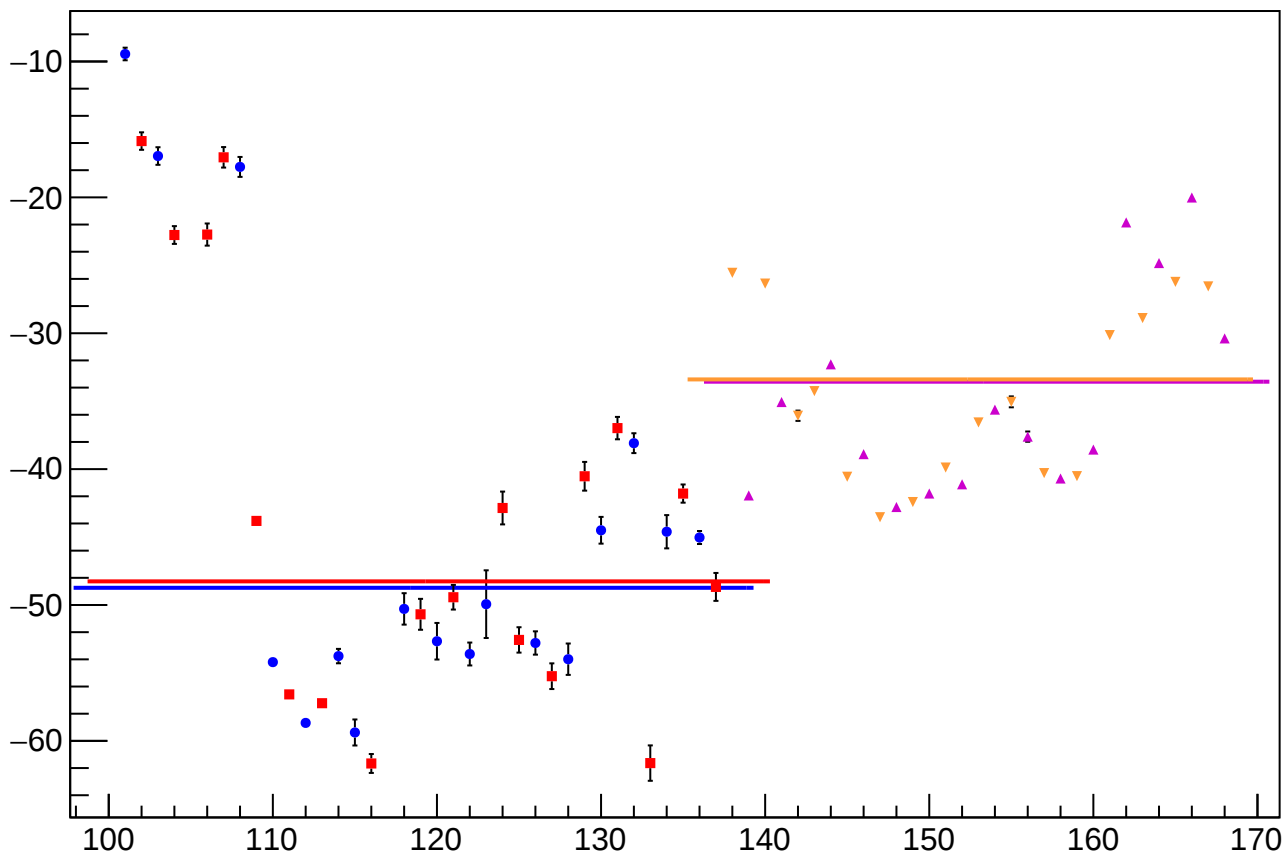
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -39.184 ± 0.045 $\chi^2/\text{NDF}: 18282.3/31$

Out: -38.810 ± 0.043 $\chi^2/\text{NDF}: 18002.2/33$

All: -38.986 ± 0.031 $\chi^2/\text{NDF}: 36320.6/65$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 $\pm$ 0.125 χ^2 /NDF: 14659.4/16

Left Out: -33.398 $\pm$ 0.073 χ^2 /NDF: 7481.5/15

Right Out: -48.261 $\pm$ 0.107 χ^2 /NDF: 11091.7/17

Left In: -33.566 $\pm$ 0.075 χ^2 /NDF: 10445.4/14

Left: -33.480 $\pm$ 0.052 χ^2 /NDF: 17929.5/30

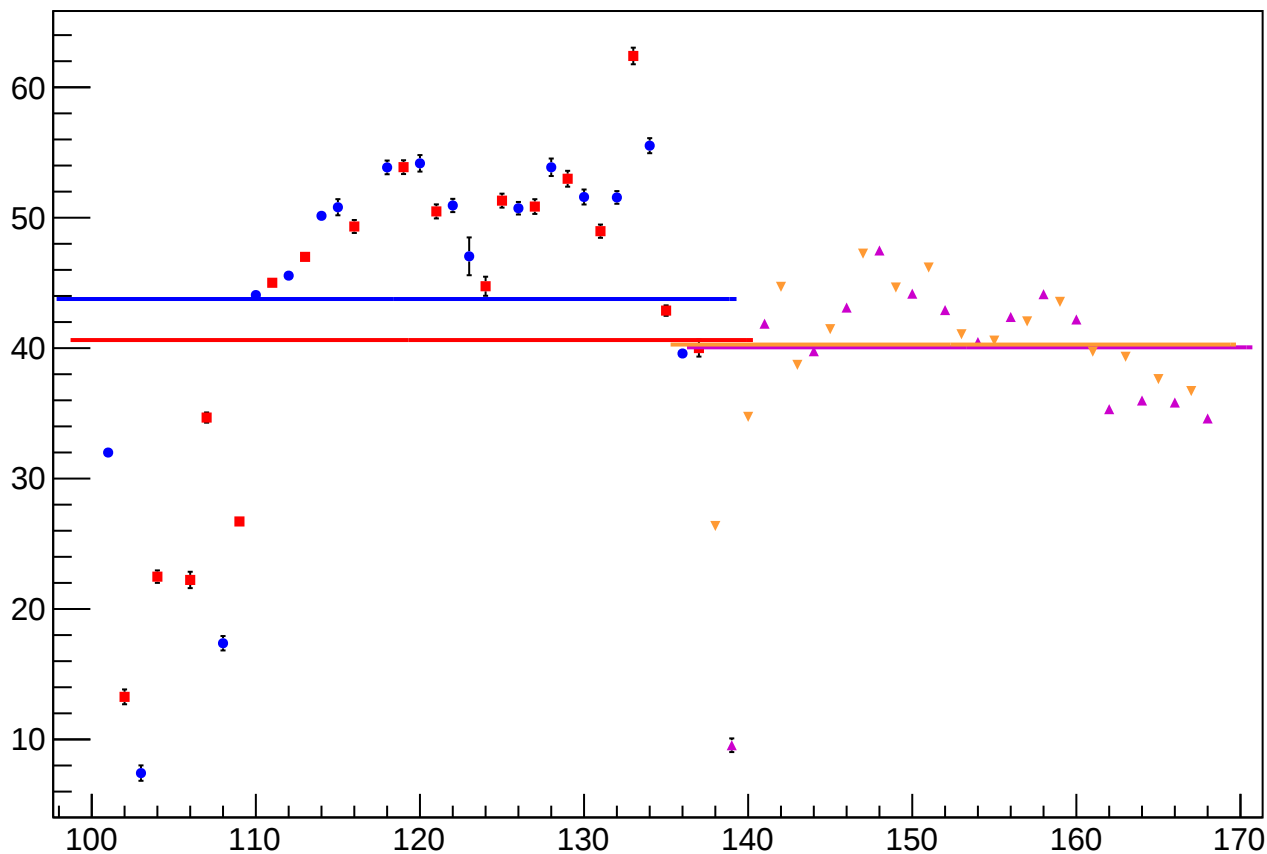
Right: -48.462 $\pm$ 0.081 χ^2 /NDF: 25759.4/34

In: -37.559 $\pm$ 0.064 χ^2 /NDF: 36006.7/31

Out: -38.092 $\pm$ 0.060 χ^2 /NDF: 31666.7/33

All: -37.841 $\pm$ 0.044 χ^2 /NDF: 67710.1/65

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767+/-0.087 χ^2/NDF : 10633.5/16

Left Out: 40.274+/-0.061 χ^2/NDF : 5302.4/15

Right Out: 40.620+/-0.080 χ^2/NDF : 16957.4/17

Left In: 40.061+/-0.064 χ^2/NDF : 6928.8/14

Left: 40.173+/-0.044 χ^2/NDF : 12237.0/30

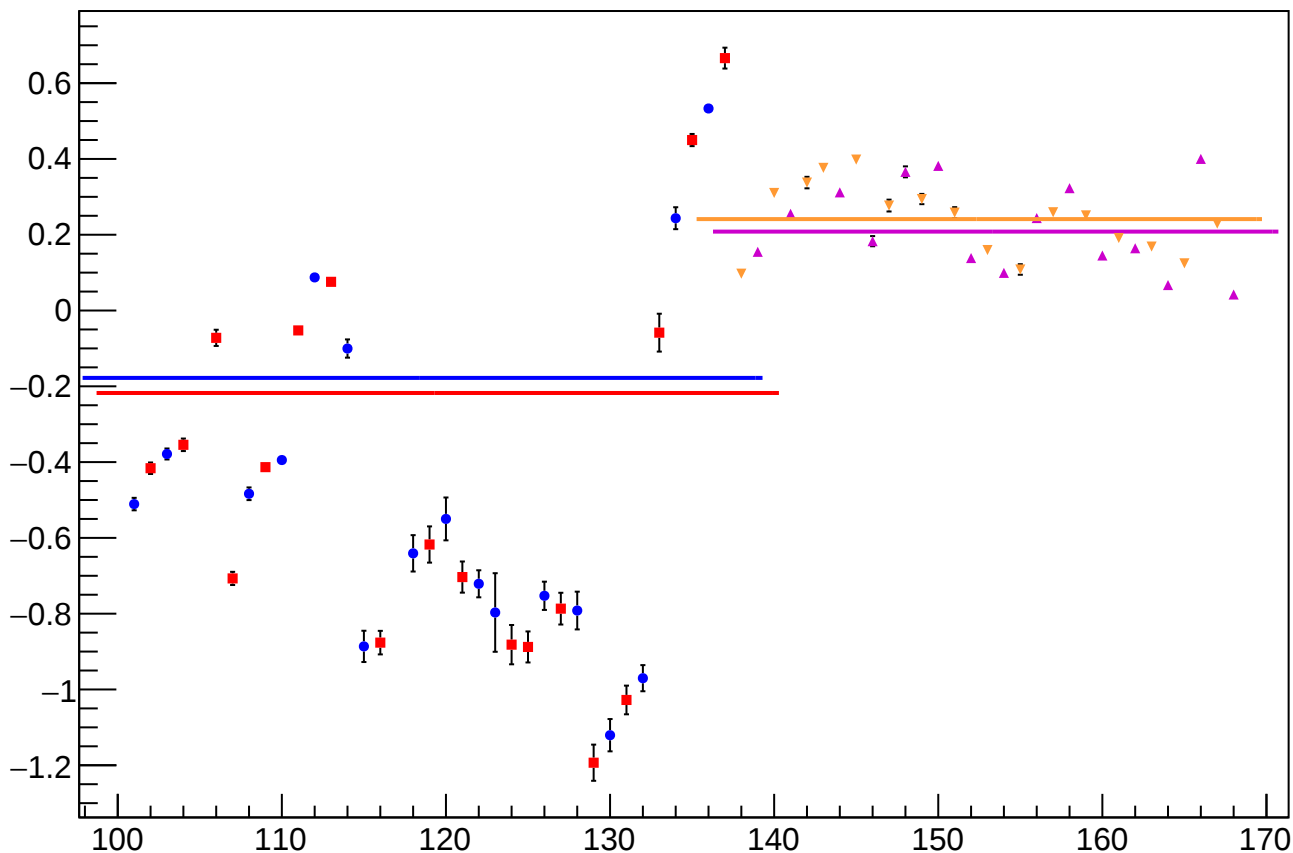
Right: 42.070+/-0.059 χ^2/NDF : 28299.2/34

In: 41.369+/-0.052 χ^2/NDF : 18741.5/31

Out: 40.401+/-0.049 χ^2/NDF : 22271.6/33

All: 40.857+/-0.035 χ^2/NDF : 41199.3/65

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: 0.241 $\pm$ 0.003 χ^2 /NDF:958.4/15

Right Out: -0.218 $\pm$ 0.004 χ^2 /NDF: 7455.7/17

Left In: 0.208 $\pm$ 0.003 χ^2 /NDF:1436.0/14

Left: 0.225 $\pm$ 0.002 χ^2 /NDF: 2458.3/30

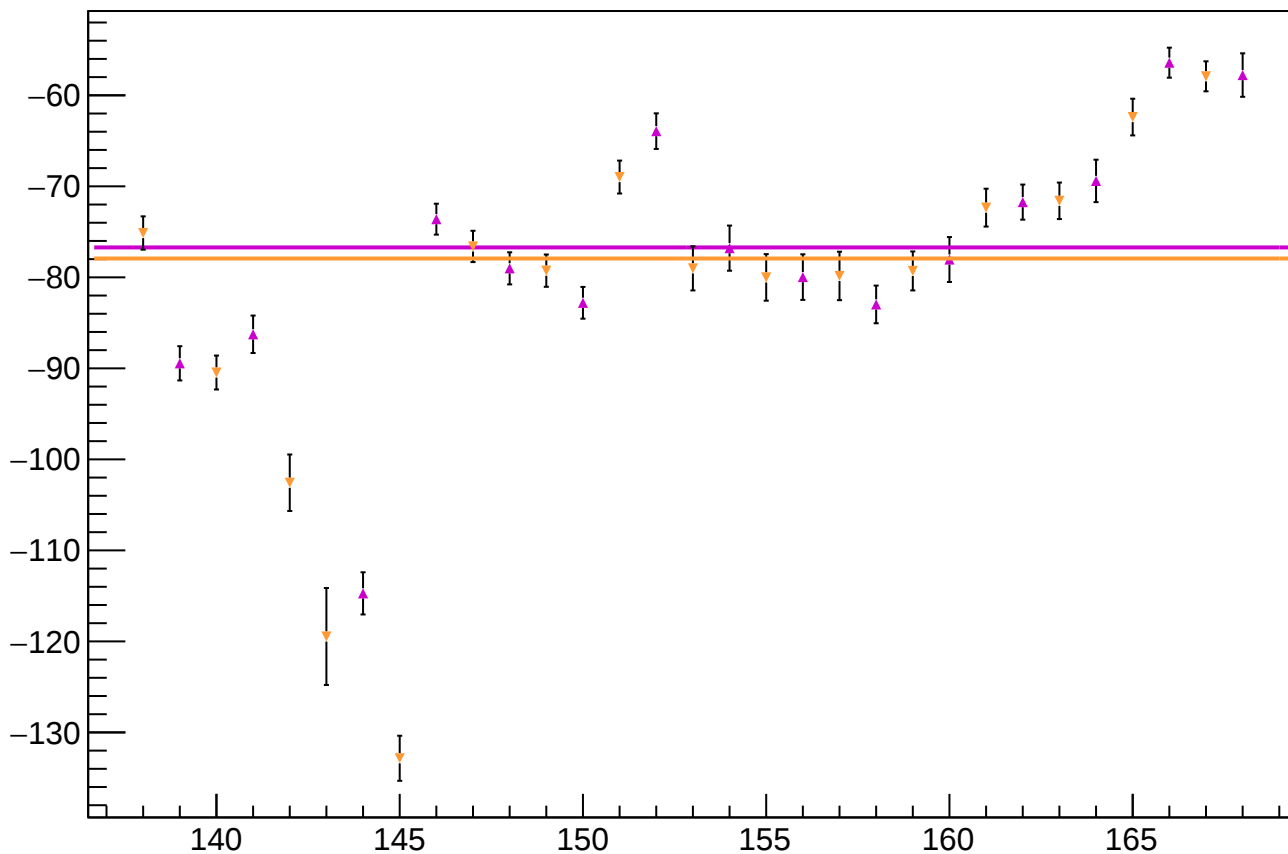
Right: -0.200 $\pm$ 0.003 χ^2 /NDF: 14857.8/34

In: 0.104 $\pm$ 0.003 χ^2 /NDF:13433.5/31

Out: 0.099 $\pm$ 0.002 χ^2 /NDF:16224.1/33

All: 0.101 $\pm$ 0.002 χ^2 /NDF: 29659.3/65

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



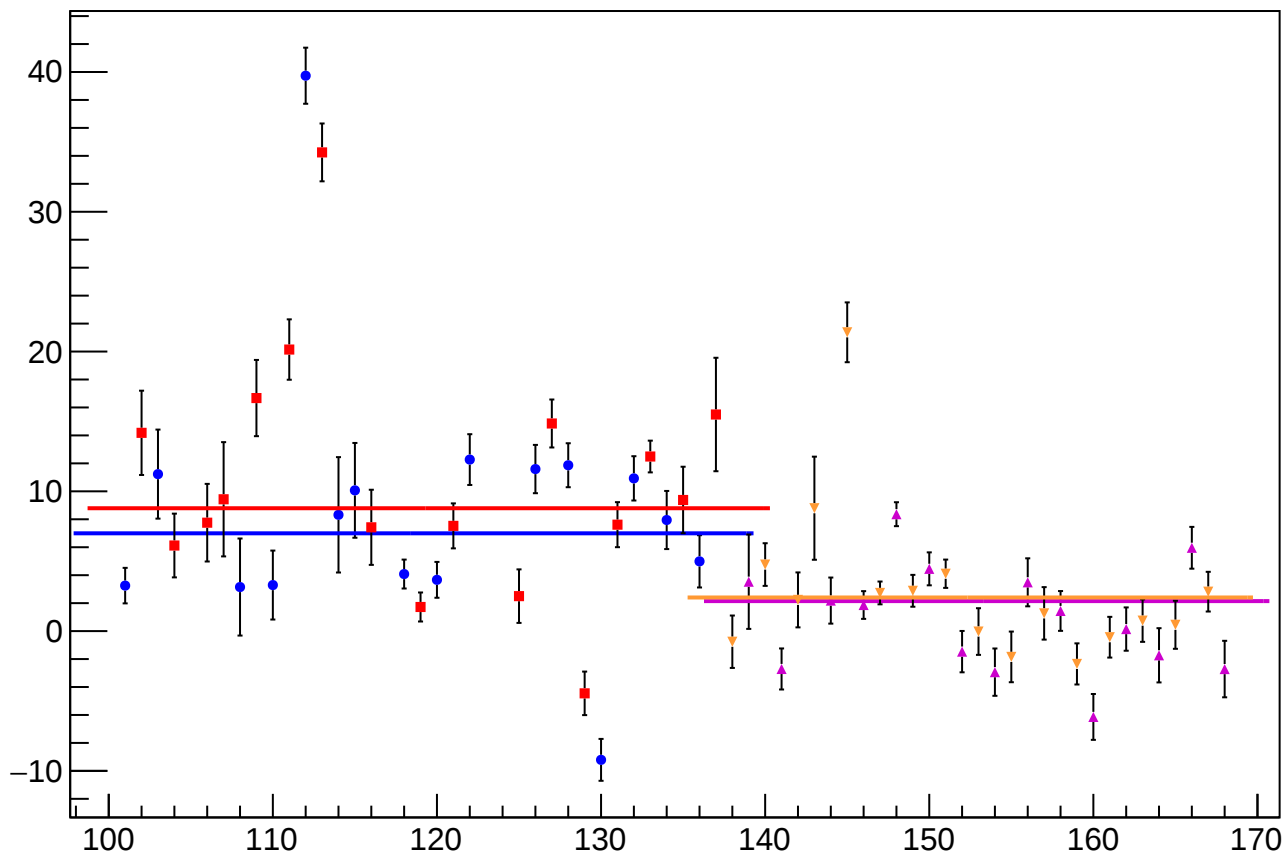
Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -77.929+/-0.525 χ^2 /NDF:915.0/15
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -76.714+/-0.521 χ^2 /NDF:638.0/14

Left: -77.317+/-0.370 χ^2 /NDF: 1555.7/30
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -76.714+/-0.521 χ^2 /NDF:638.0/14
 Out: -77.929+/-0.525 χ^2 /NDF:915.0/15

All: -77.317+/-0.370 χ^2 /NDF: 1555.7/30

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.405 ± 0.361 $\chi^2/\text{NDF}: 114.8/15$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 2.146 ± 0.367 $\chi^2/\text{NDF}: 127.1/14$

Left: 2.277 ± 0.258 $\chi^2/\text{NDF}: 242.1/30$

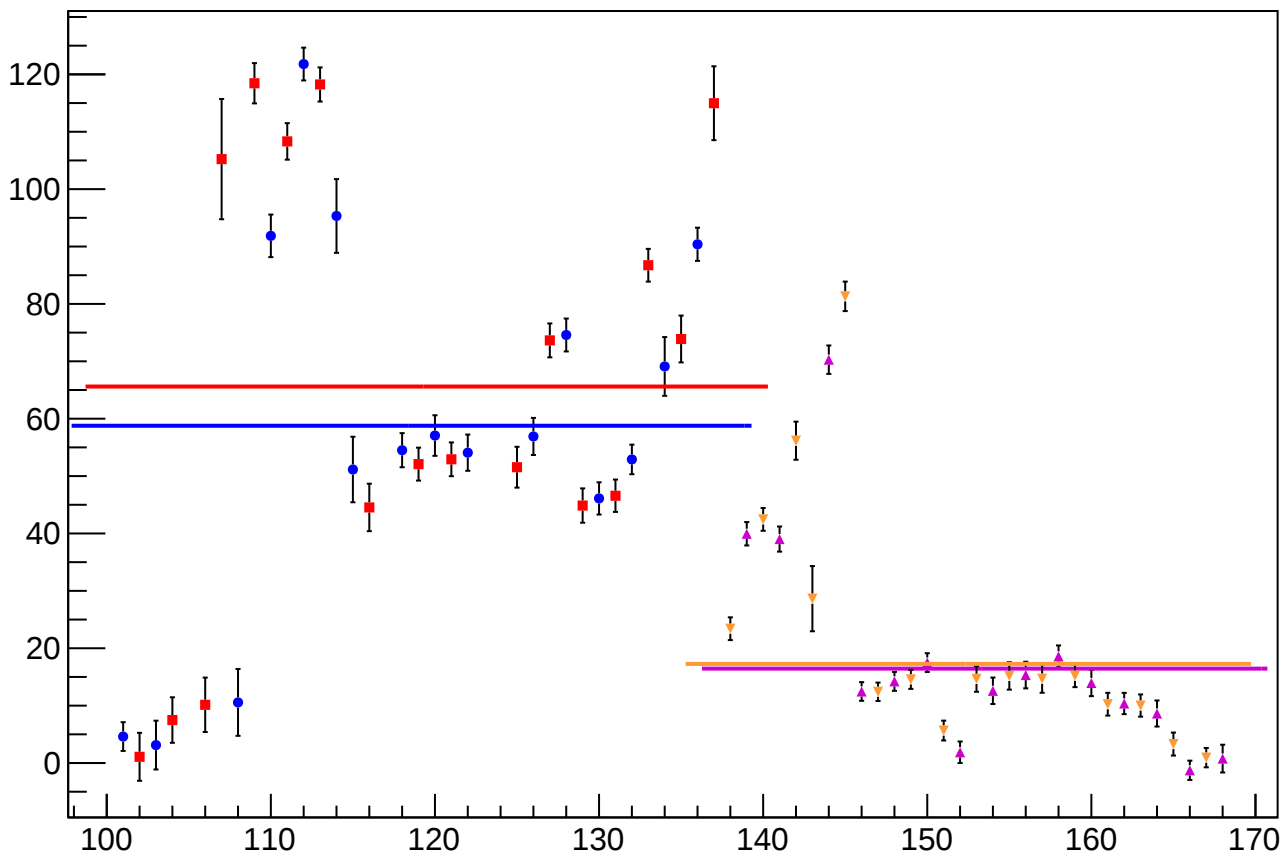
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.170 ± 0.280 $\chi^2/\text{NDF}: 645.1/30$

Out: 4.911 ± 0.282 $\chi^2/\text{NDF}: 586.3/32$

All: 4.539 ± 0.199 $\chi^2/\text{NDF}: 1234.9/63$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 ± 0.833 χ^2/NDF : 1493.3/15

Left Out: 17.274 ± 0.514 χ^2/NDF : 1163.6/15

Right Out: 65.606 ± 0.845 χ^2/NDF : 1625.3/16

Left In: 16.450 ± 0.509 χ^2/NDF : 961.1/14

Left: 16.858 ± 0.362 χ^2/NDF : 2126.0/30

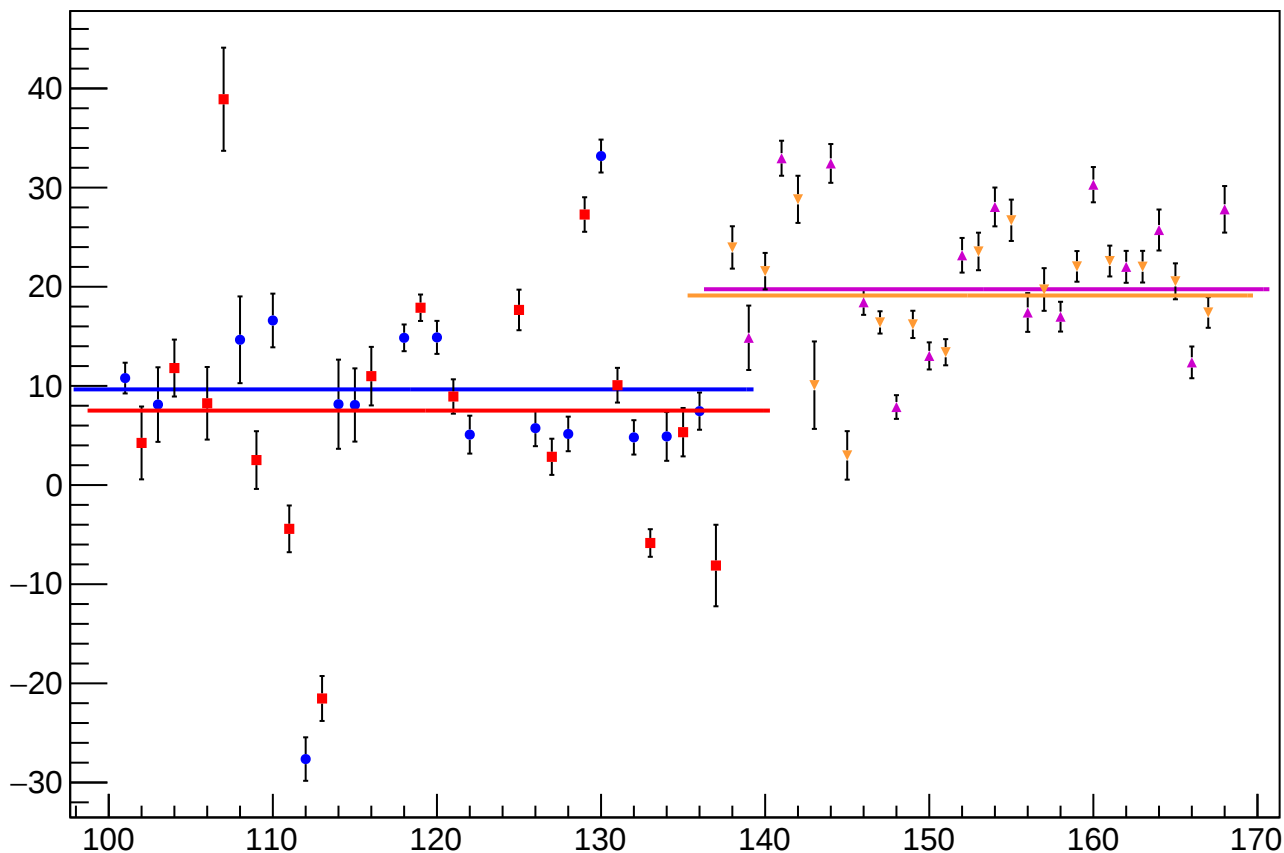
Right: 62.140 ± 0.593 χ^2/NDF : 3151.9/32

In: 27.948 ± 0.434 χ^2/NDF : 4334.7/30

Out: 30.340 ± 0.439 χ^2/NDF : 5177.6/32

All: 29.130 ± 0.309 χ^2/NDF : 9527.3/63

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: 19.118 ± 0.427 $\chi^2/\text{NDF}: 132.9/15$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 19.750 ± 0.433 $\chi^2/\text{NDF}: 329.3/14$

Left: 19.430 ± 0.304 $\chi^2/\text{NDF}: 463.3/30$

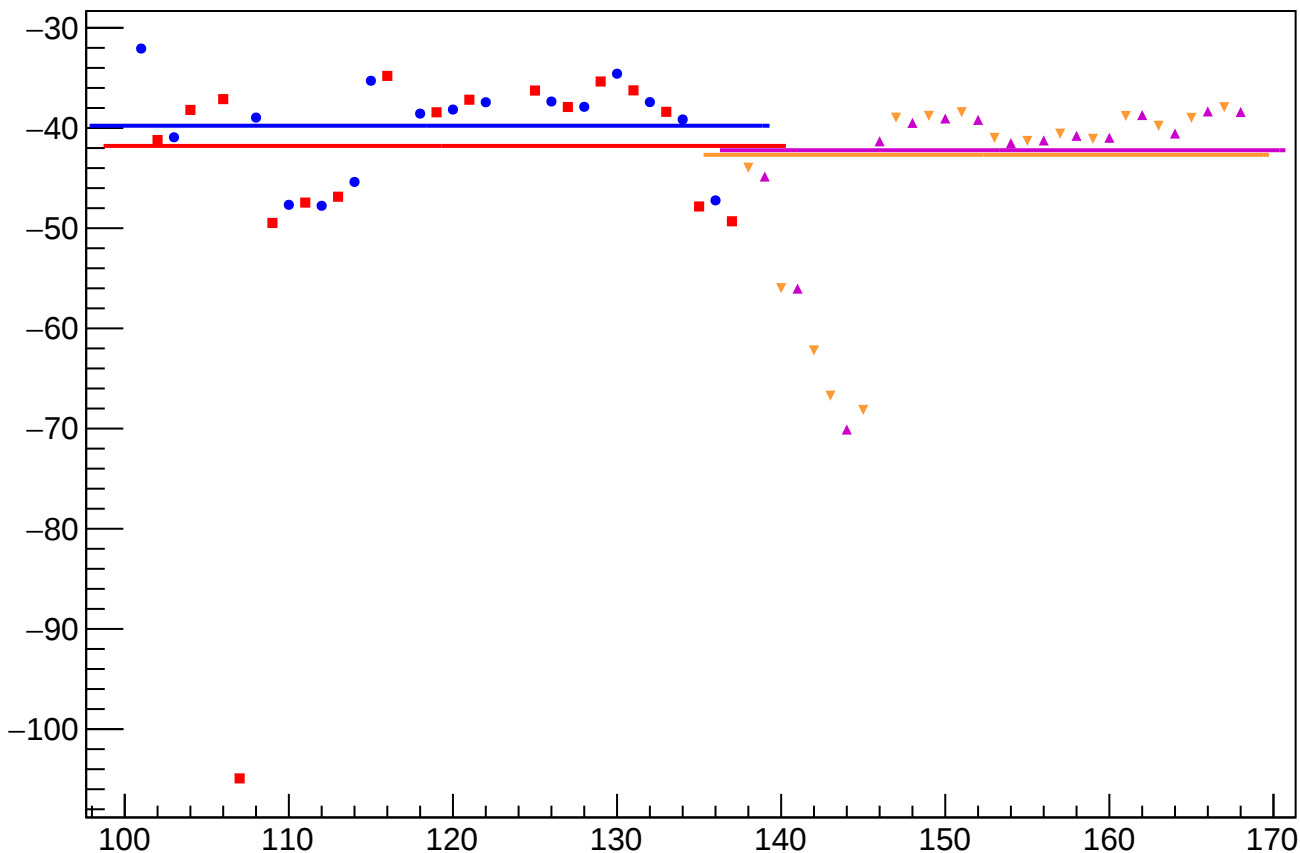
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 15.440 ± 0.328 $\chi^2/\text{NDF}: 1115.0/30$

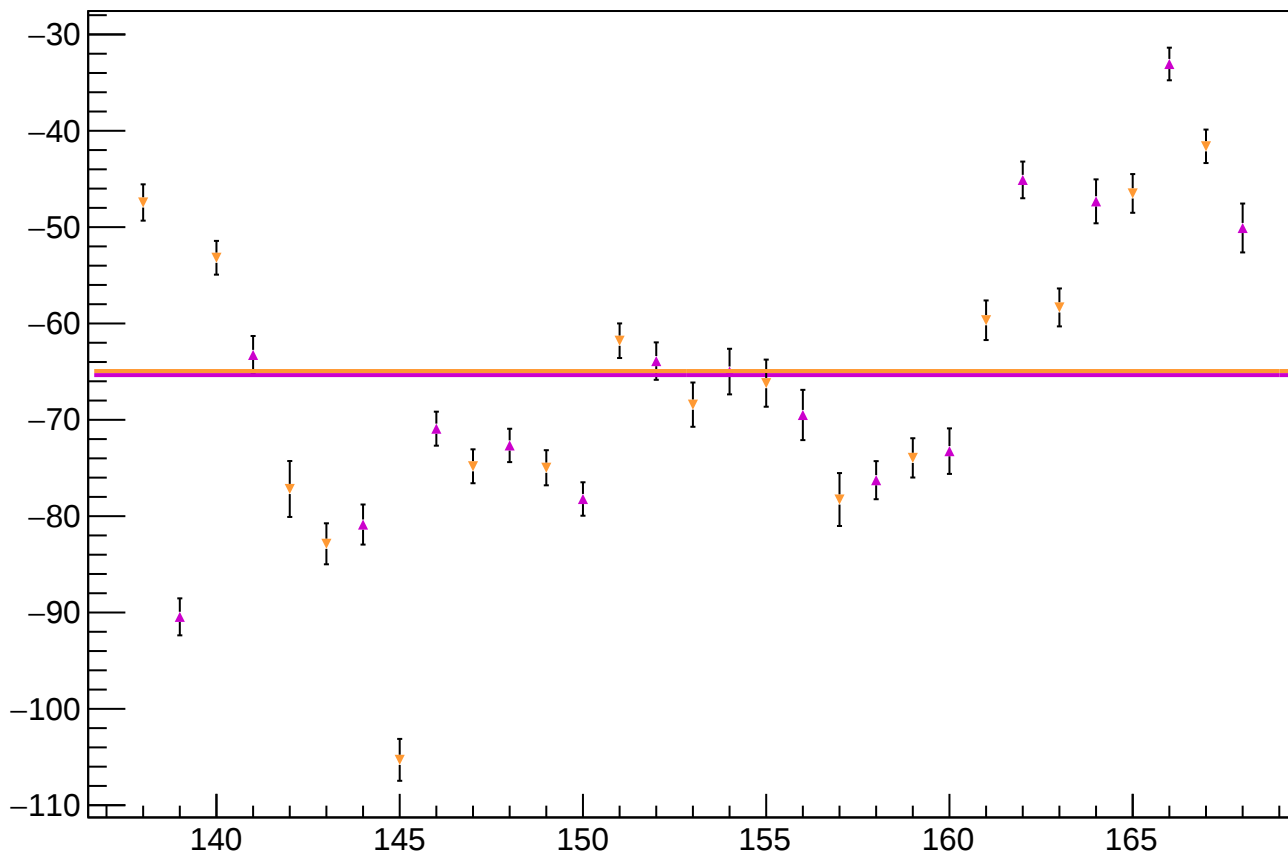
Out: 14.402 ± 0.329 $\chi^2/\text{NDF}: 997.1/32$

All: 14.923 ± 0.232 $\chi^2/\text{NDF}: 2117.1/63$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



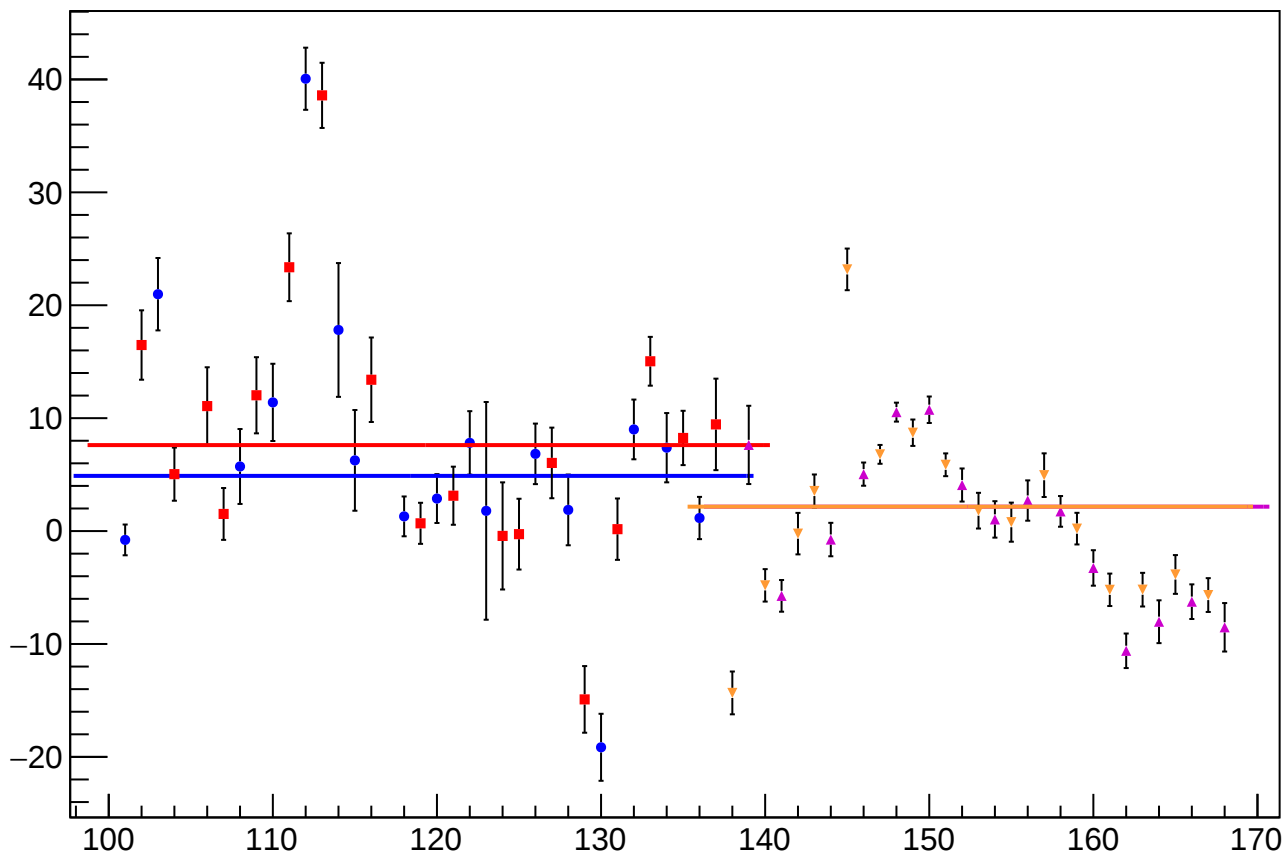
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -64.935+/-0.507 χ^2/NDF :957.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -65.358+/-0.517 χ^2/NDF :930.6/14

Left: -65.142+/-0.362 χ^2/NDF : 1888.6/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.358+/-0.517 χ^2/NDF :930.6/14
 Out: -64.935+/-0.507 χ^2/NDF :957.6/15

All: -65.142+/-0.362 χ^2/NDF : 1888.6/30

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 2.161 ± 0.349 $\chi^2/\text{NDF}: 402.2/15$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: 2.160 ± 0.363 $\chi^2/\text{NDF}: 366.7/14$

Left: 2.161 ± 0.252 $\chi^2/\text{NDF}: 768.9/30$

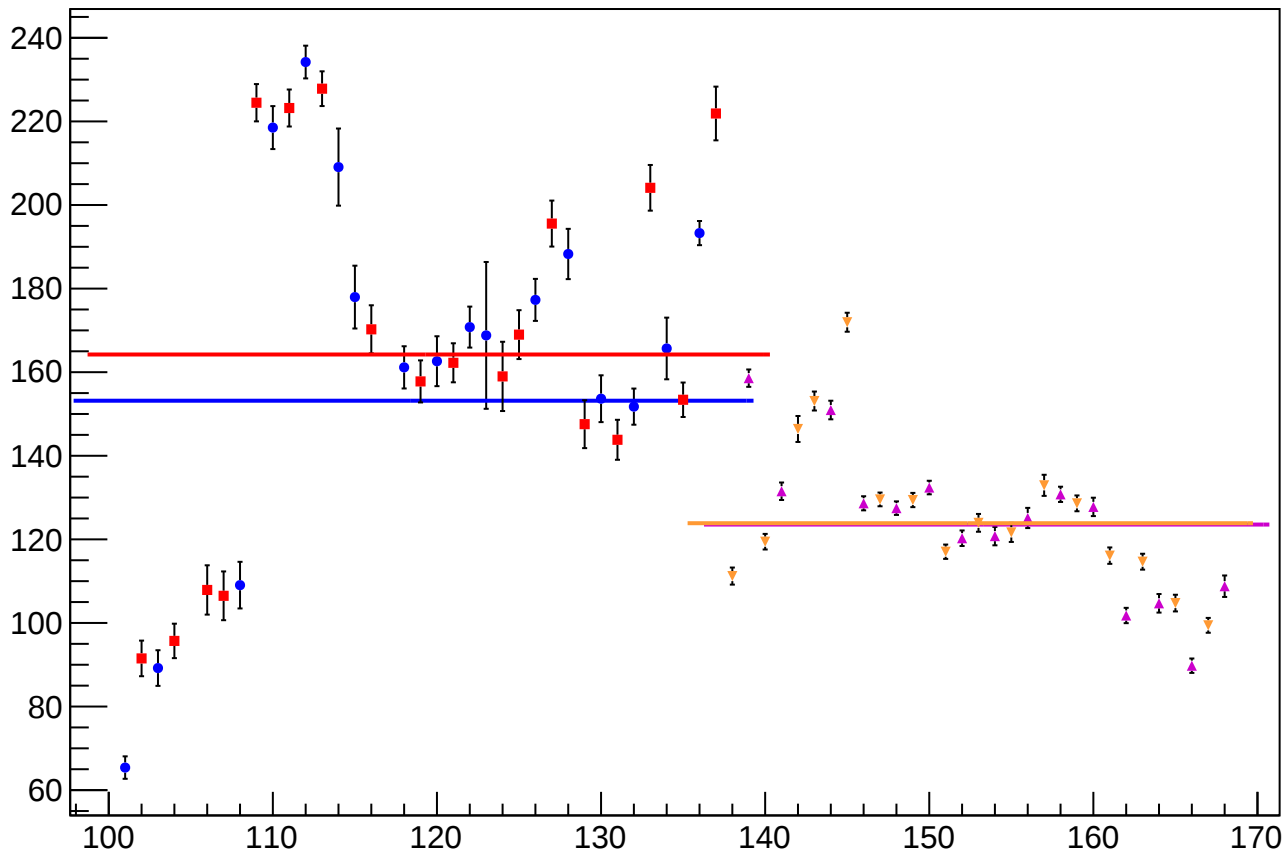
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 2.853 ± 0.313 $\chi^2/\text{NDF}: 675.8/31$

Out: 3.376 ± 0.308 $\chi^2/\text{NDF}: 725.7/33$

All: 3.119 ± 0.220 $\chi^2/\text{NDF}: 1402.9/65$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 123.865 $\pm$ 0.498 χ^2 /NDF:1089.5/15

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 123.542 $\pm$ 0.504 χ^2 /NDF:1149.2/14

Left: 123.705 $\pm$ 0.354 χ^2 /NDF: 2238.9/30

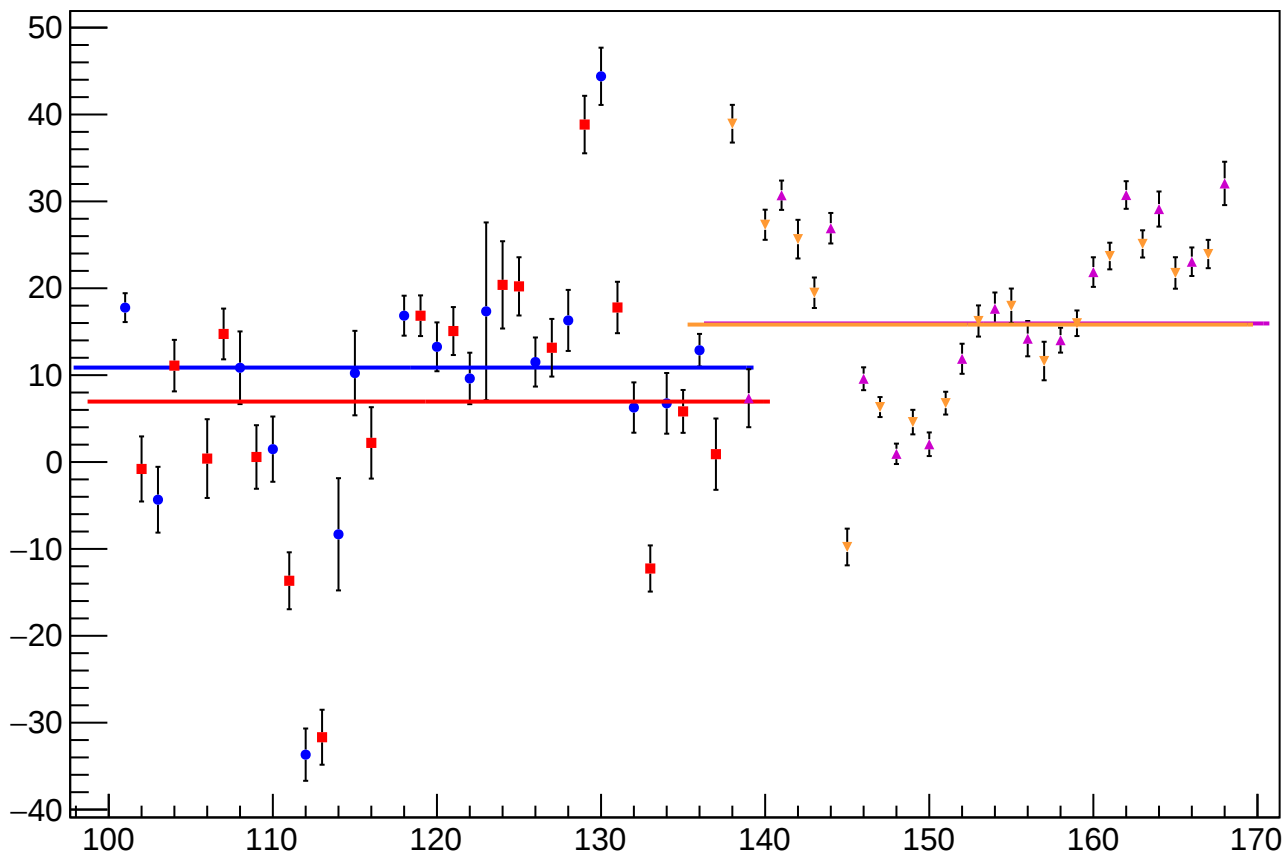
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 128.342 $\pm$ 0.461 χ^2 /NDF:3973.4/31

Out: 129.948 $\pm$ 0.459 χ^2 /NDF:3632.9/33

All: 129.149 $\pm$ 0.326 χ^2 /NDF: 7612.3/65

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 15.821 $\pm$ 0.413 χ^2 /NDF:608.9/15

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 15.950 $\pm$ 0.427 χ^2 /NDF:623.6/14

Left: 15.883 $\pm$ 0.297 χ^2 /NDF: 1232.6/30

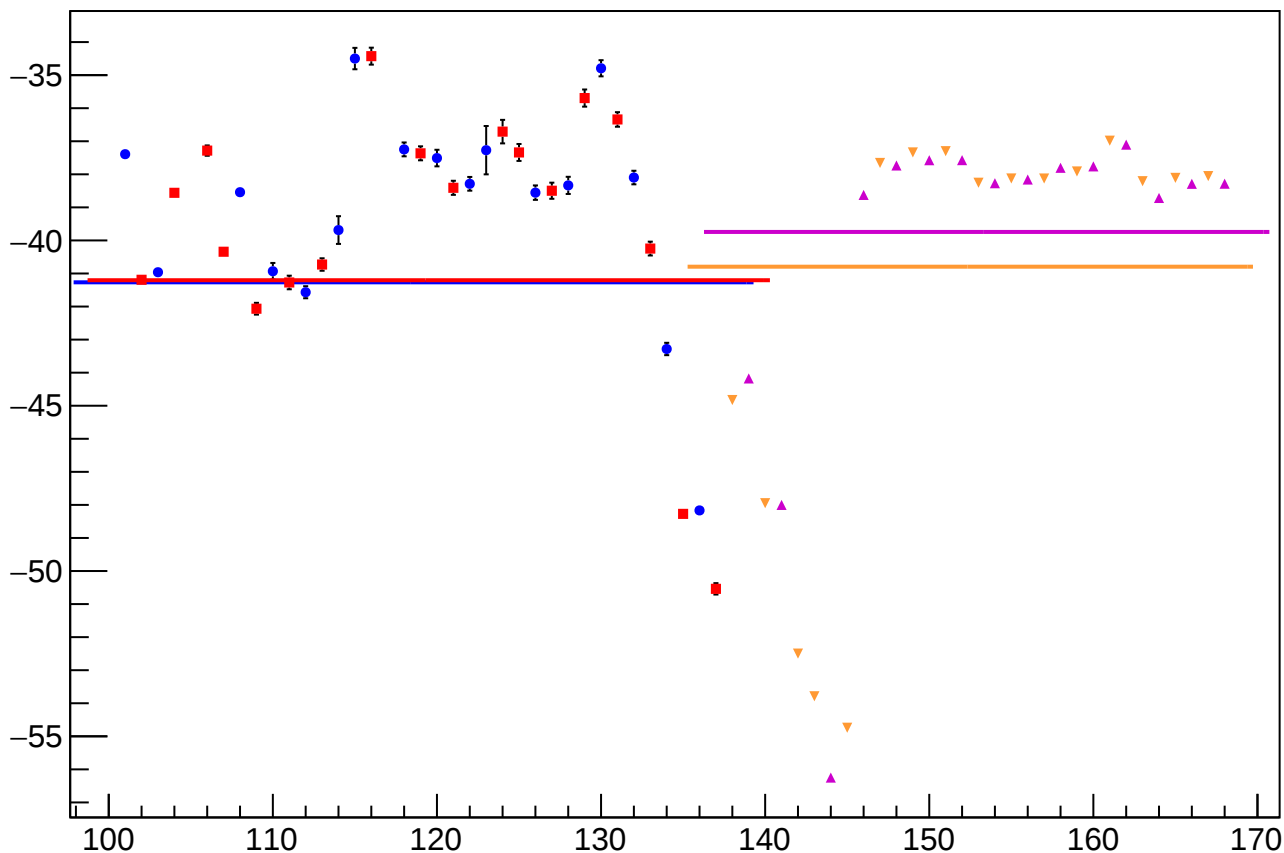
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.611 $\pm$ 0.367 χ^2 /NDF:1047.5/31

Out: 13.758 $\pm$ 0.361 χ^2 /NDF:1138.6/33

All: 14.179 $\pm$ 0.257 χ^2 /NDF: 2188.8/65

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267±/0.039 χ^2/NDF : 12581.8/16

Left Out: -40.794±/0.020 χ^2/NDF : 80852.5/15

Right Out: -41.204±/0.039 χ^2/NDF : 12008.6/17

Left In: -39.743±/0.020 χ^2/NDF : 49100.0/14

Left: -40.274±/0.014 χ^2/NDF : 131338.1/30

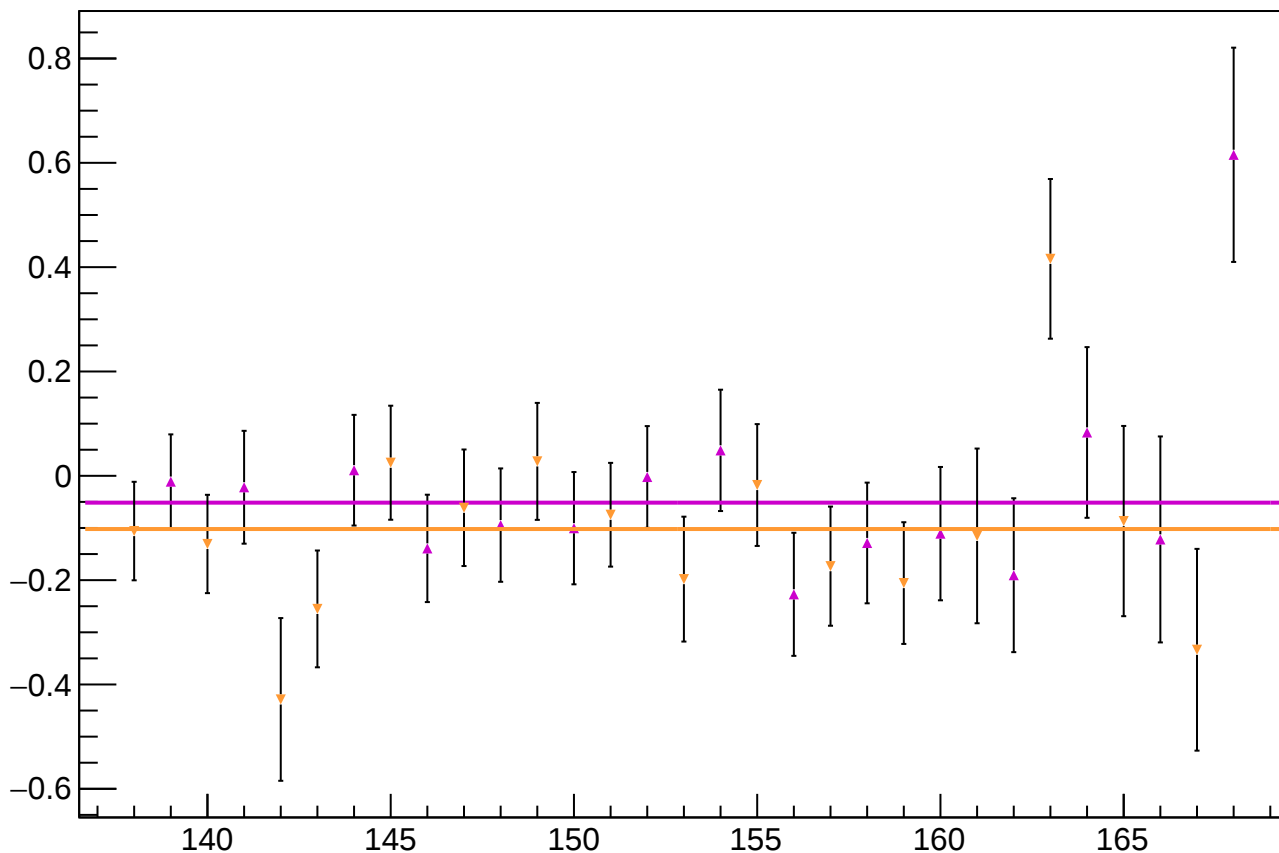
Right: -41.236±/0.027 χ^2/NDF : 24591.7/34

In: -40.068±/0.018 χ^2/NDF : 62912.8/31

Out: -40.879±/0.018 χ^2/NDF : 92949.2/33

All: -40.476±/0.013 χ^2/NDF : 156906.6/65

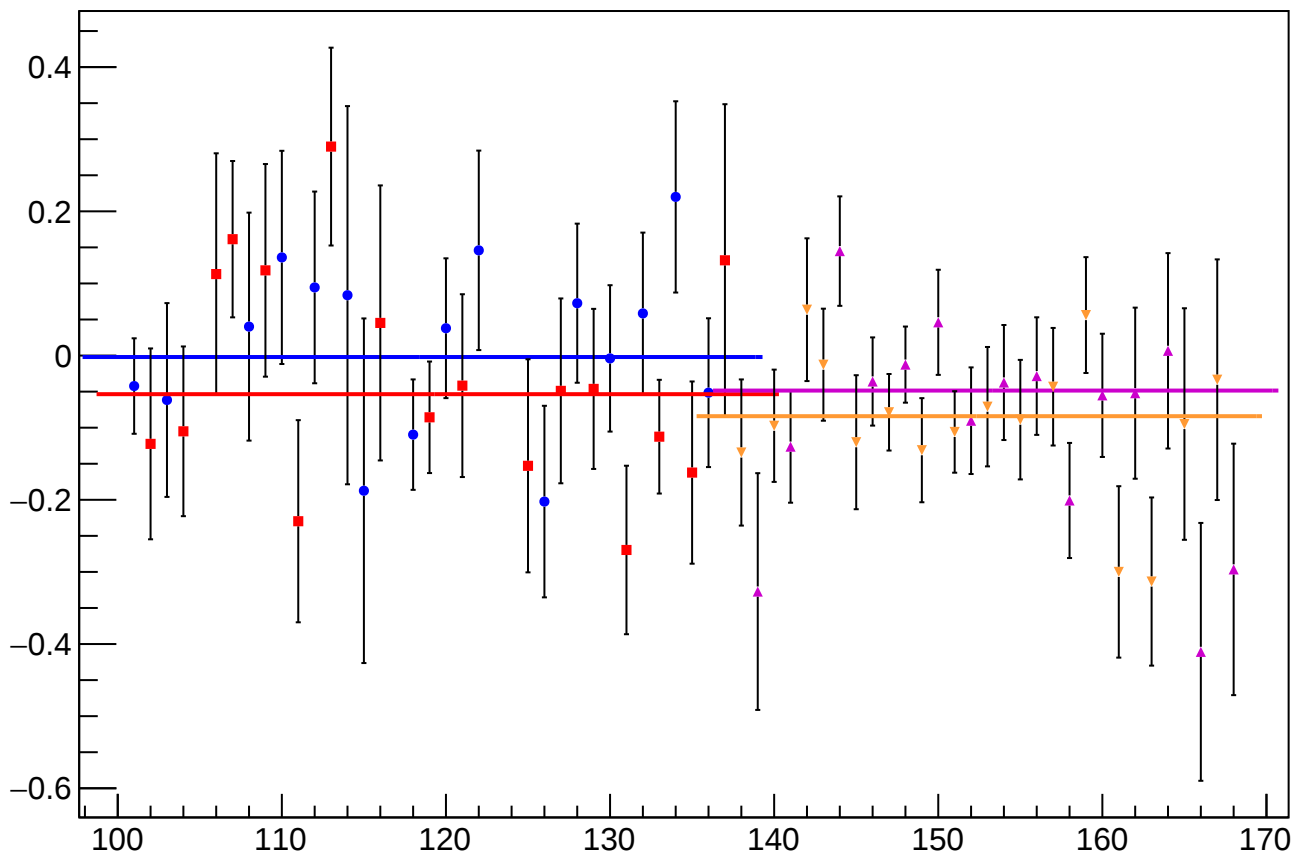
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.102 $\pm$ 0.030 χ^2 /NDF:24.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.051 $\pm$ 0.030 χ^2 /NDF:17.8/14

Left: -0.077 $\pm$ 0.021 χ^2 /NDF: 43.7/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.051 $\pm$ 0.030 χ^2 /NDF:17.8/14
 Out: -0.102 $\pm$ 0.030 χ^2 /NDF:24.5/15
 All: -0.077 $\pm$ 0.021 χ^2 /NDF: 43.7/30

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.084 ± 0.021 χ^2/NDF : 14.7/15

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.049 ± 0.021 χ^2/NDF : 22.9/14

Left: -0.067 ± 0.015 χ^2/NDF : 39.0/30

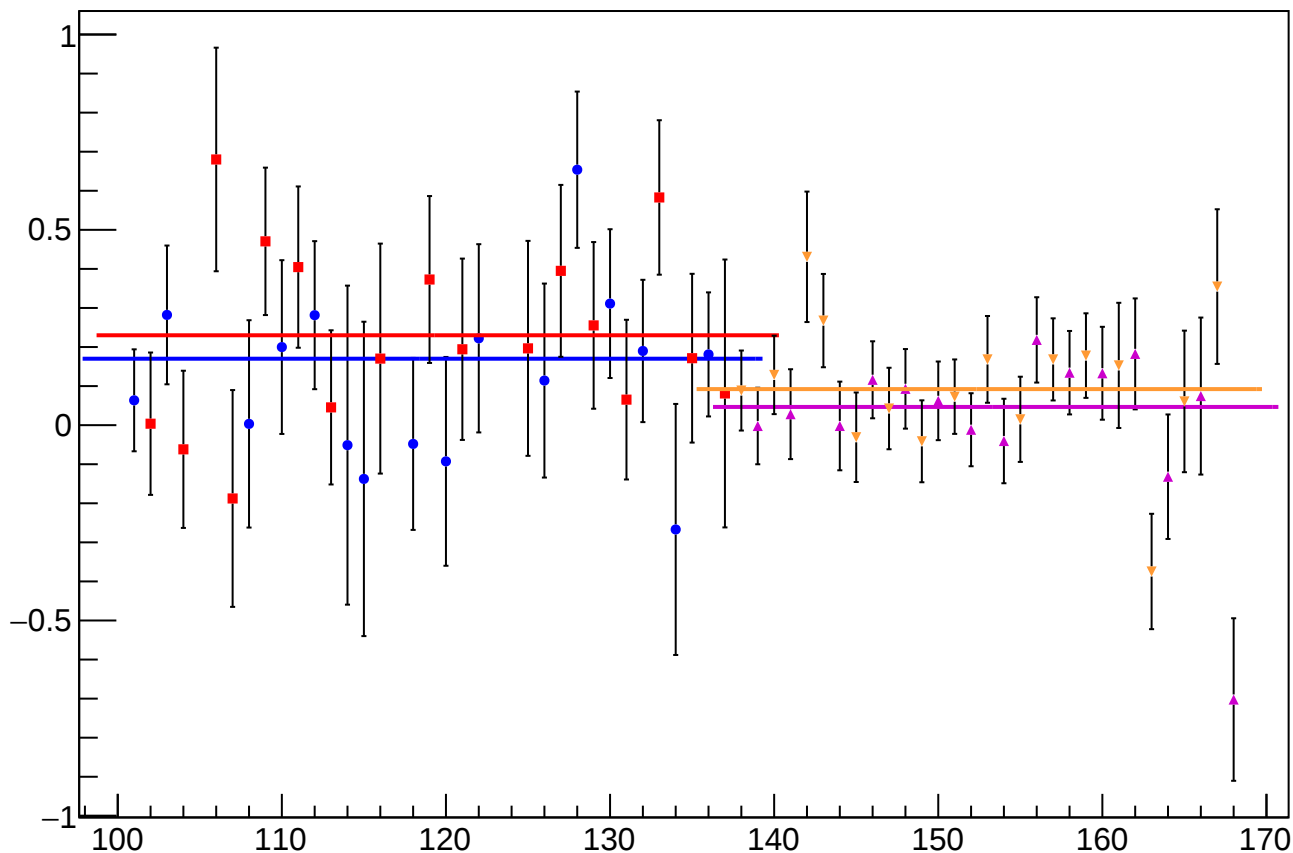
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.031 ± 0.017 χ^2/NDF : 36.7/30

Out: -0.074 ± 0.017 χ^2/NDF : 36.3/32

All: -0.053 ± 0.012 χ^2/NDF : 76.2/63

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: 0.092 $\pm$ 0.029 χ^2 /NDF:23.5/15

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.047 $\pm$ 0.030 χ^2 /NDF:21.0/14

Left: 0.070 $\pm$ 0.021 χ^2 /NDF: 45.7/30

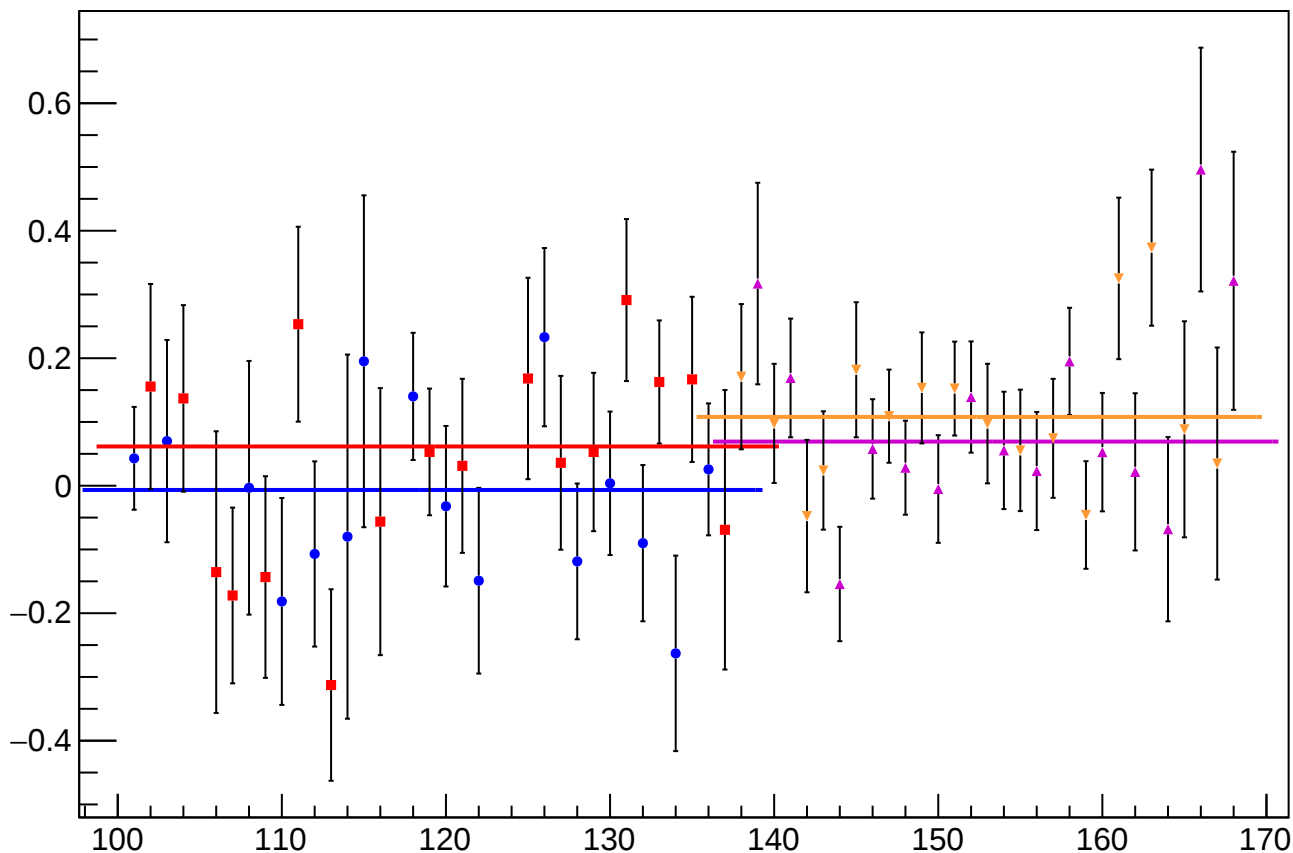
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.077 $\pm$ 0.026 χ^2 /NDF:38.3/30

Out: 0.124 $\pm$ 0.026 χ^2 /NDF:45.3/32

All: 0.100 $\pm$ 0.018 χ^2 /NDF: 85.3/63

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.108 ± 0.025 $\chi^2/\text{NDF}: 15.5/15$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.069 ± 0.025 $\chi^2/\text{NDF}: 21.7/14$

Left: 0.089 ± 0.018 $\chi^2/\text{NDF}: 38.4/30$

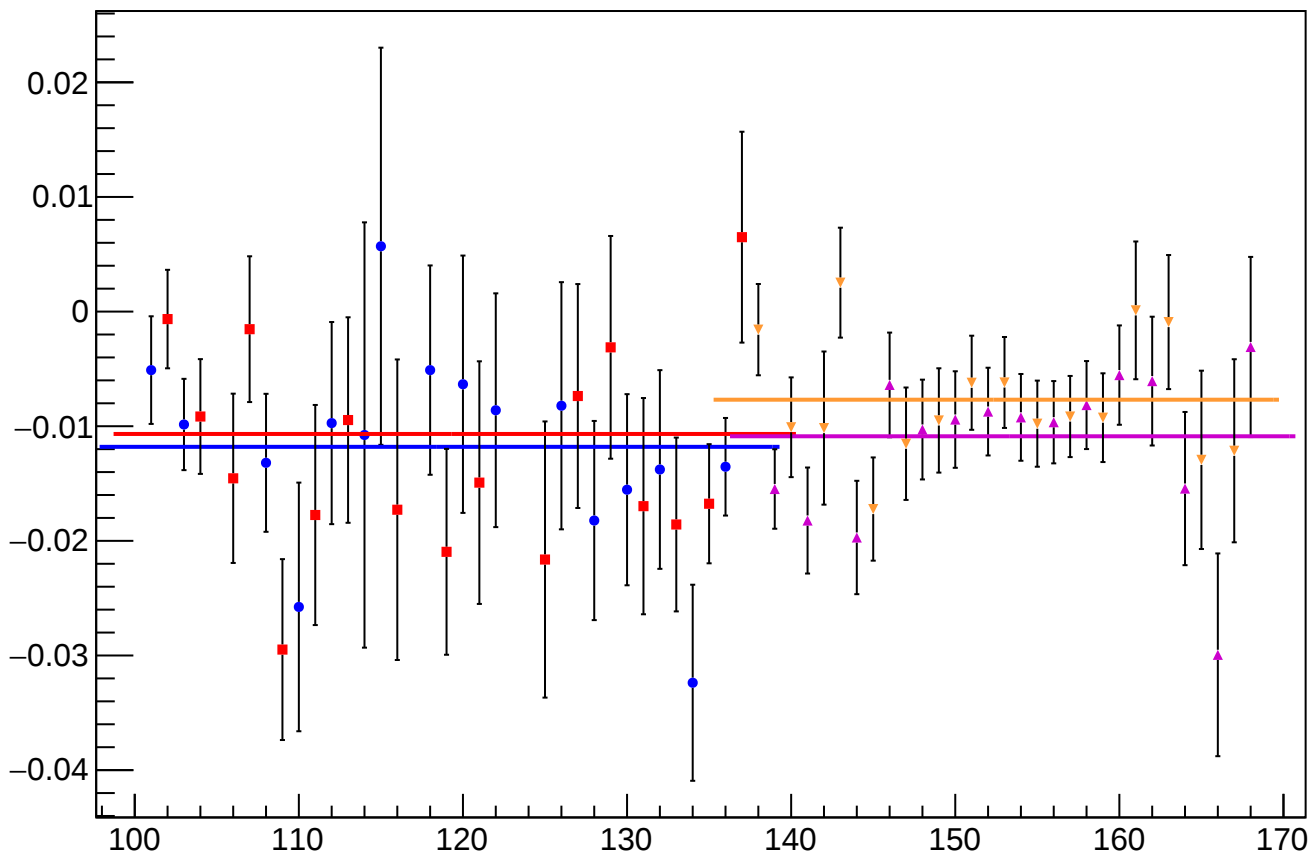
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.041 ± 0.020 $\chi^2/\text{NDF}: 38.3/30$

Out: 0.092 ± 0.020 $\chi^2/\text{NDF}: 36.8/32$

All: 0.066 ± 0.014 $\chi^2/\text{NDF}: 78.3/63$

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 : 17.3/15

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.011 ± 0.001 χ^2/NDF : 18.0/14

Left: -0.009 ± 0.001 χ^2/NDF : 39.2/30

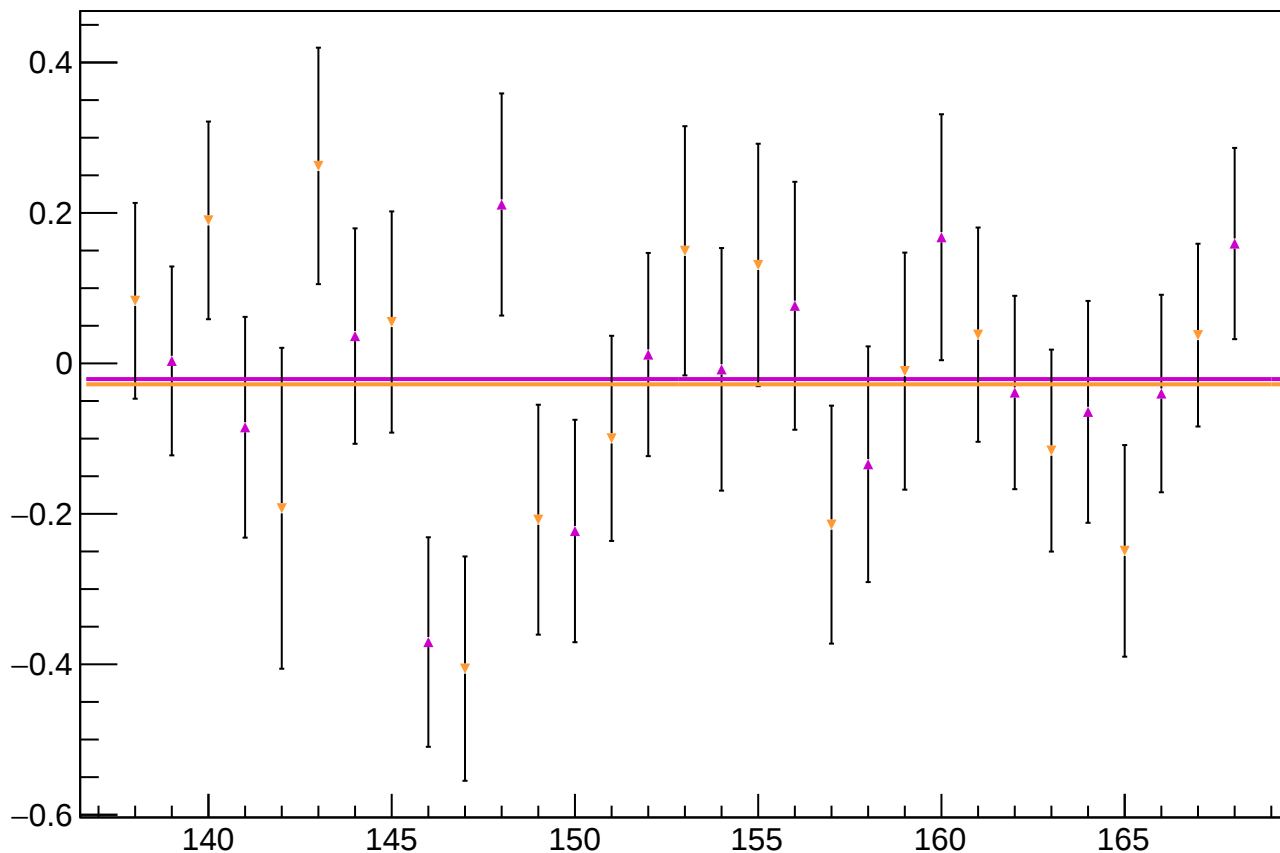
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 31.0/30

Out: -0.009 ± 0.001 χ^2/NDF : 43.0/32

All: -0.010 ± 0.001 χ^2/NDF : 77.6/63

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: -0.028 $\pm$ 0.037 χ^2 /NDF:22.8/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.021 $\pm$ 0.037 χ^2 /NDF:15.4/14

Left: -0.024 $\pm$ 0.026 χ^2 /NDF: 38.3/30

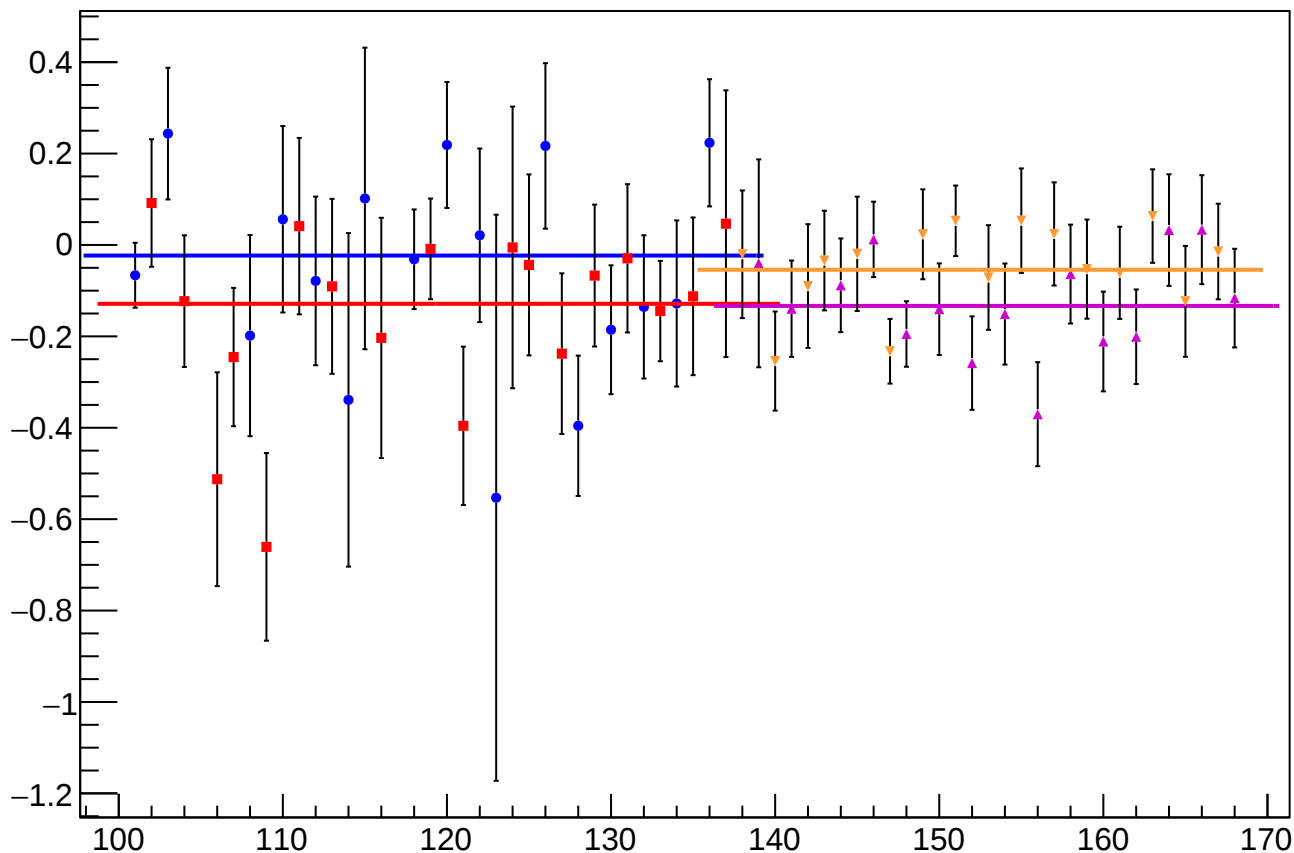
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.021 $\pm$ 0.037 χ^2 /NDF:15.4/14

Out: -0.028 $\pm$ 0.037 χ^2 /NDF:22.8/15

All: -0.024 $\pm$ 0.026 χ^2 /NDF: 38.3/30

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.054 ± 0.026 χ^2/NDF : 15.7/15

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.133 ± 0.027 χ^2/NDF : 15.3/14

Left: -0.093 ± 0.019 χ^2/NDF : 35.4/30

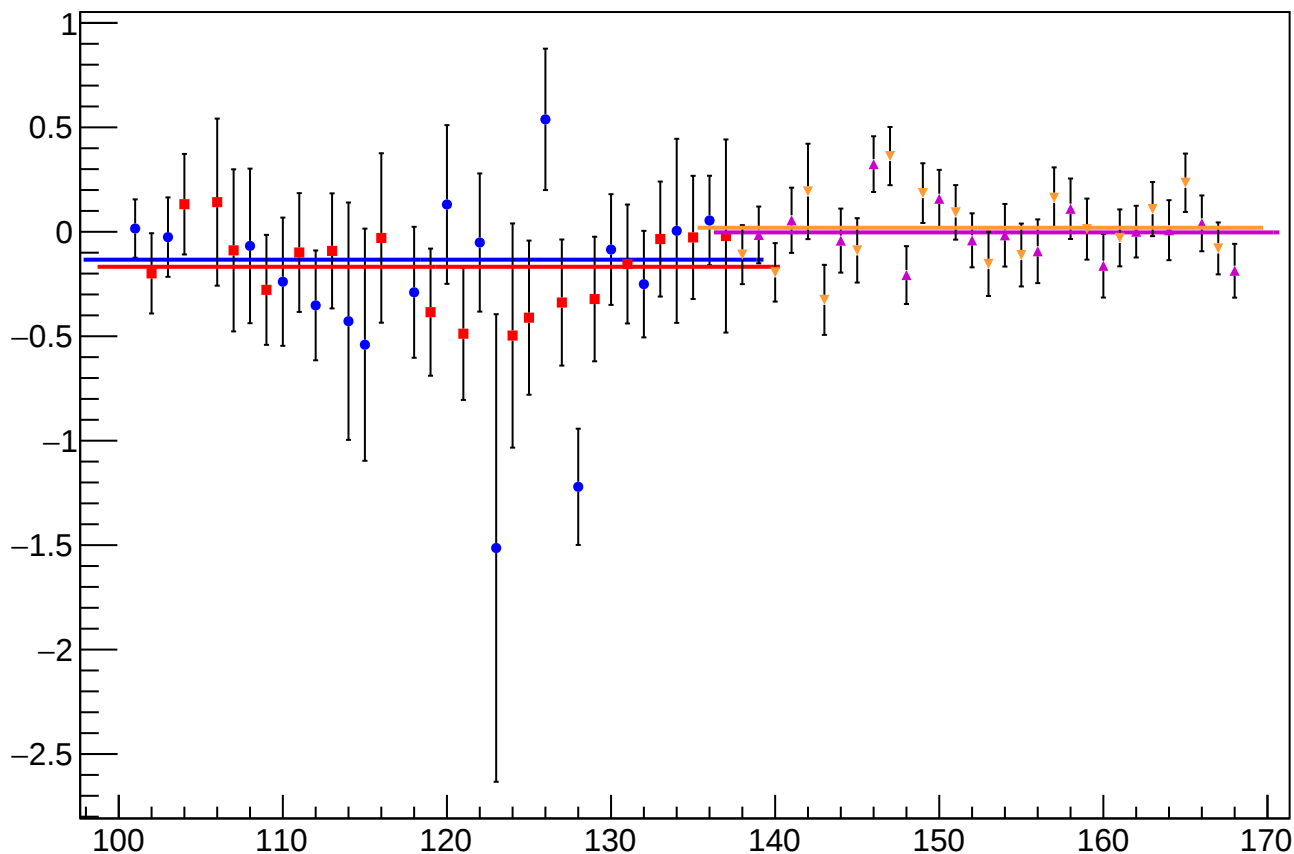
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.095 ± 0.022 χ^2/NDF : 43.6/31

Out: -0.077 ± 0.022 χ^2/NDF : 36.8/33

All: -0.086 ± 0.015 χ^2/NDF : 80.7/65

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.019 ± 0.036 χ^2/NDF : 22.8/15

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.003 ± 0.036 χ^2/NDF : 14.1/14

Left: 0.008 ± 0.026 χ^2/NDF : 37.1/30

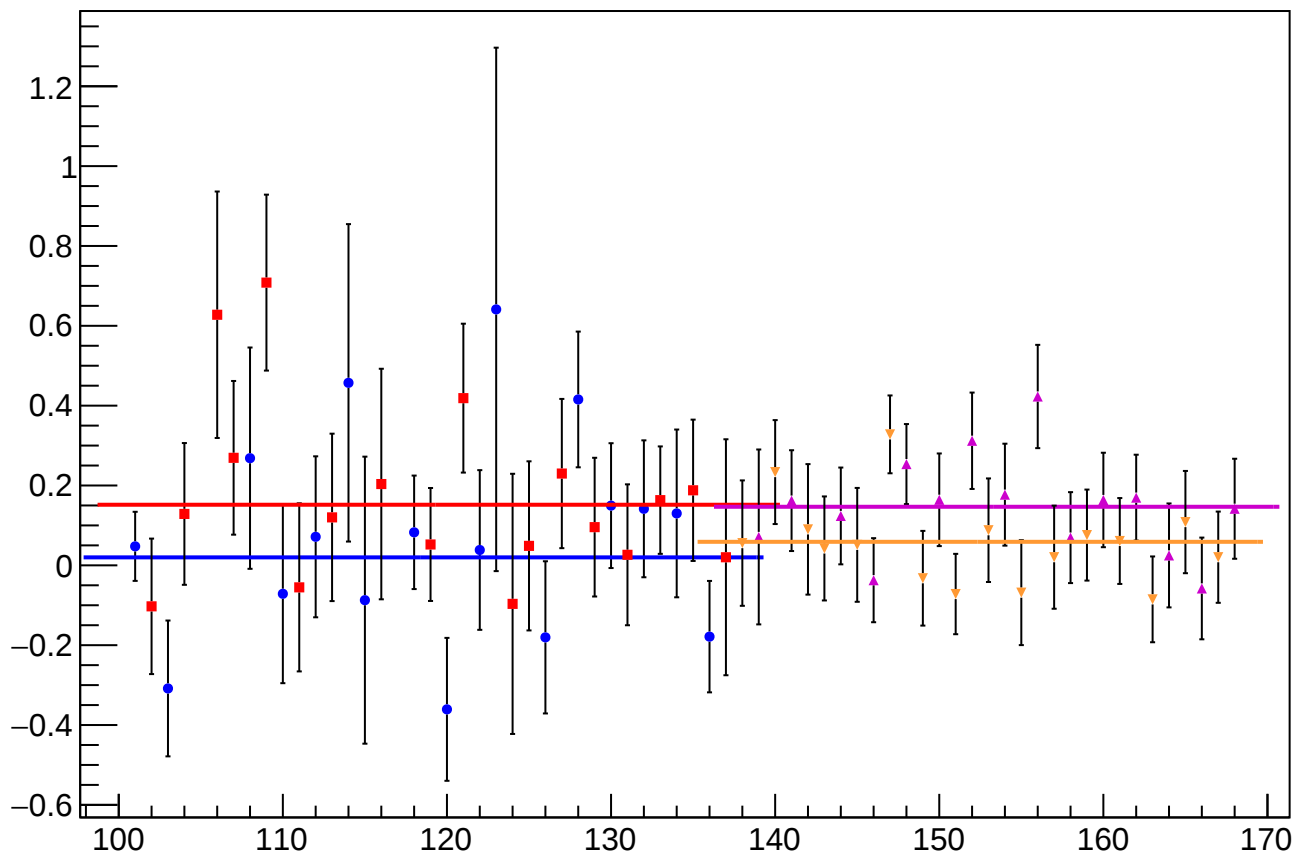
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.032 ± 0.032 χ^2/NDF : 42.8/31

Out: -0.019 ± 0.032 χ^2/NDF : 34.5/33

All: -0.026 ± 0.023 χ^2/NDF : 77.3/65

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.059 ± 0.030 $\chi^2/\text{NDF}: 14.9/15$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.147 ± 0.031 $\chi^2/\text{NDF}: 14.9/14$

Left: 0.102 ± 0.022 $\chi^2/\text{NDF}: 33.8/30$

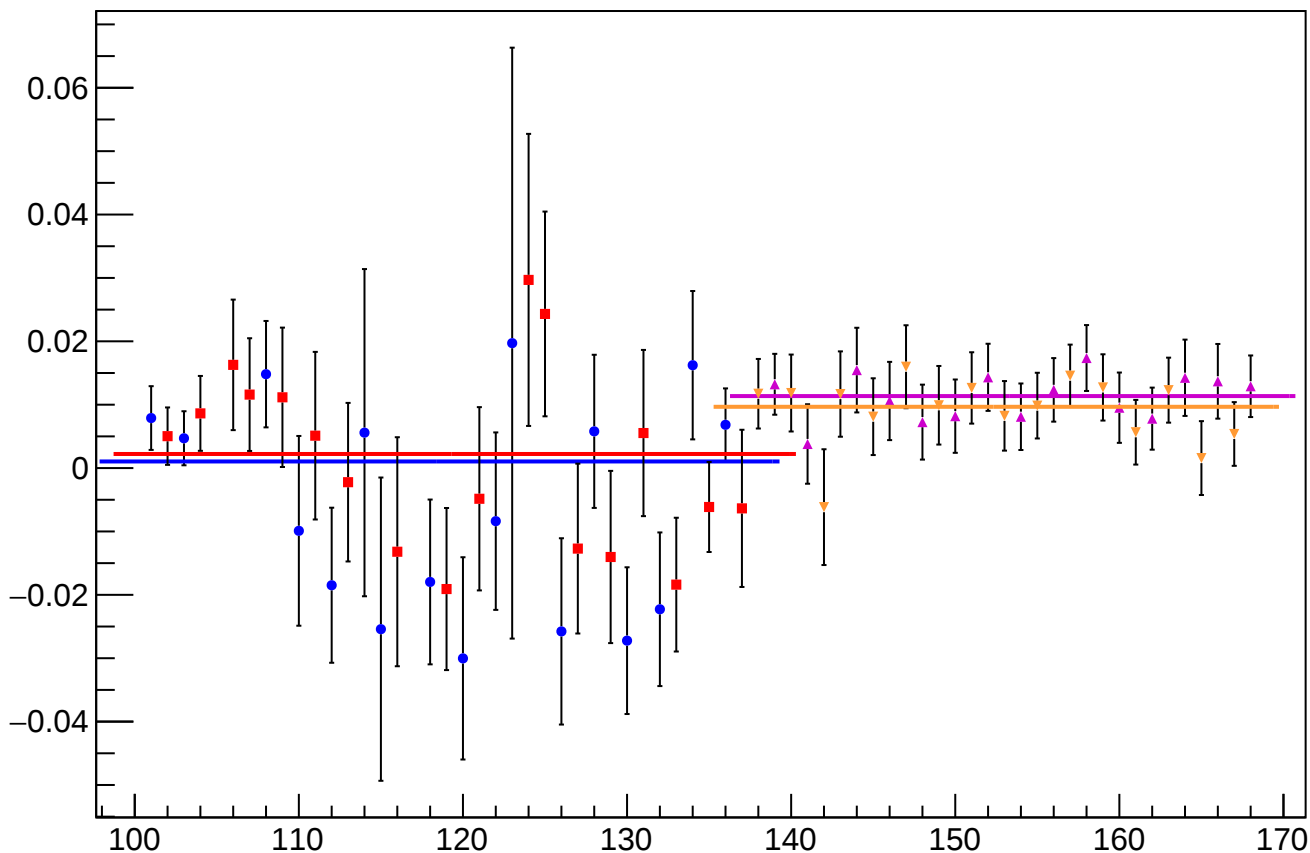
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.102 ± 0.025 $\chi^2/\text{NDF}: 42.5/31$

Out: 0.088 ± 0.025 $\chi^2/\text{NDF}: 34.6/33$

All: 0.095 ± 0.018 $\chi^2/\text{NDF}: 77.2/65$

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:9.6/15

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:6.0/14

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 16.3/30

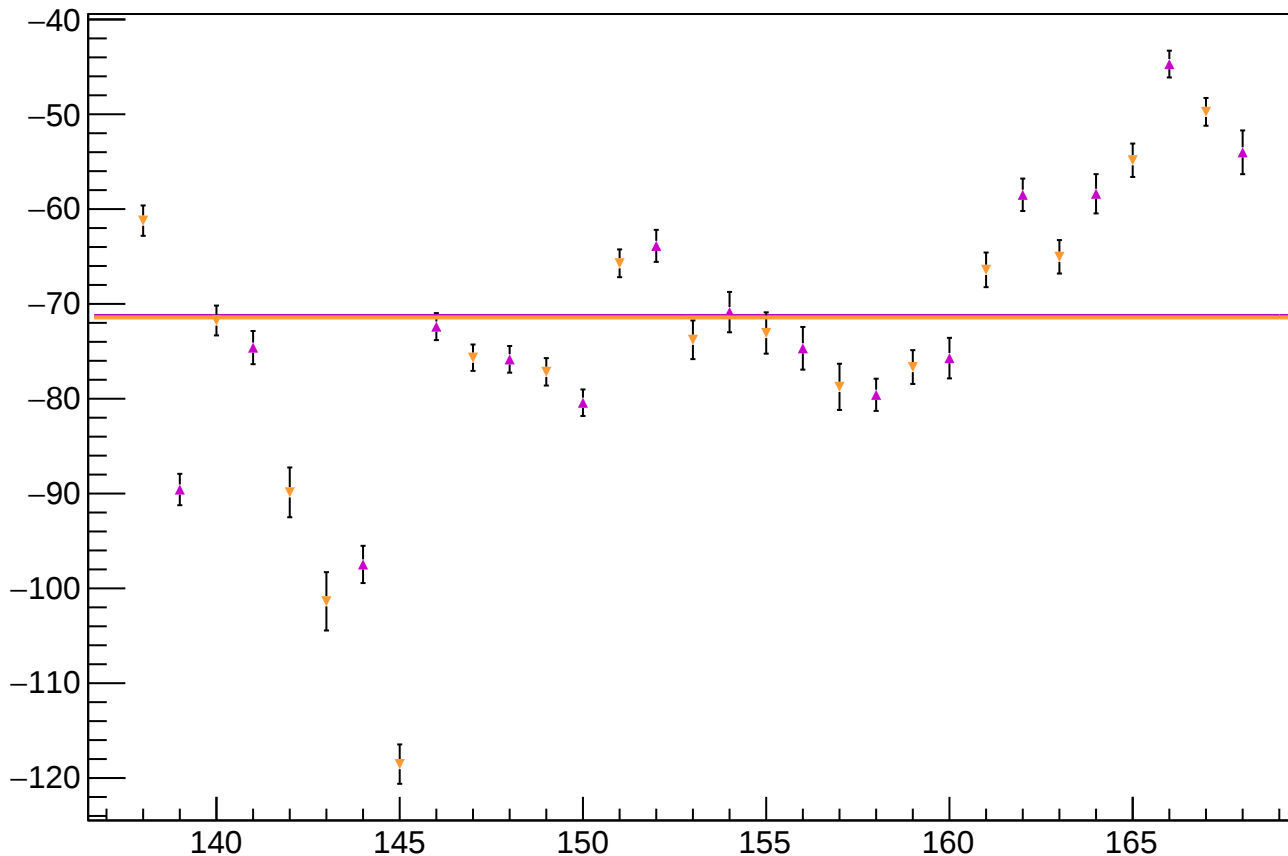
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:53.3/31

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:38.1/33

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 91.6/65

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -71.425+/-0.444 χ^2/NDF :1087.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.274+/-0.445 χ^2/NDF :912.2/14

Left: -71.350+/-0.314 χ^2/NDF : 2000.0/30

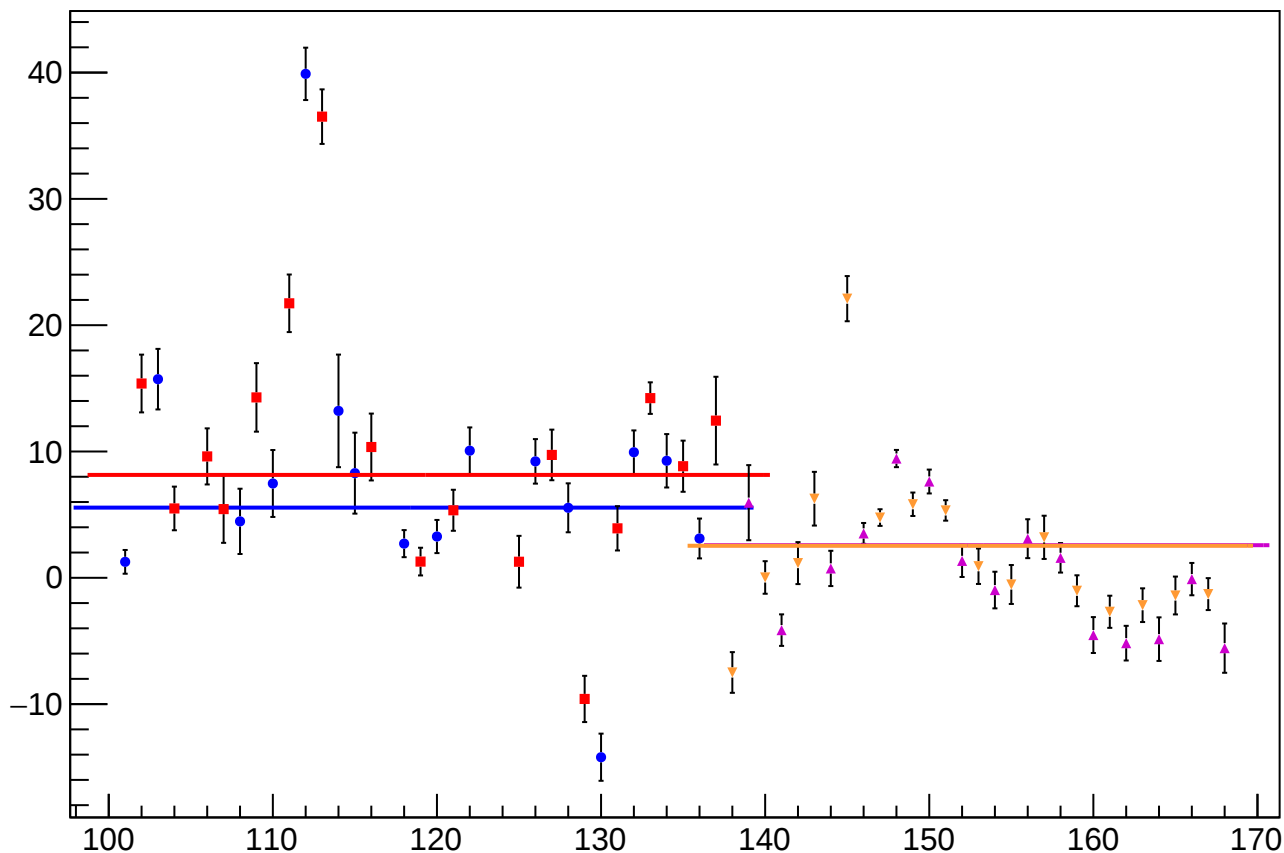
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.274+/-0.445 χ^2/NDF :912.2/14

Out: -71.425+/-0.444 χ^2/NDF :1087.8/15

All: -71.350+/-0.314 χ^2/NDF : 2000.0/30

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 2.538 $\pm$ 0.301 χ^2 /NDF:261.2/15

Right Out: 8.146 $\pm$ 0.454 χ^2 /NDF: 406.8/16

Left In: 2.582 $\pm$ 0.309 χ^2 /NDF:268.2/14

Left: 2.559 $\pm$ 0.215 χ^2 /NDF: 529.4/30

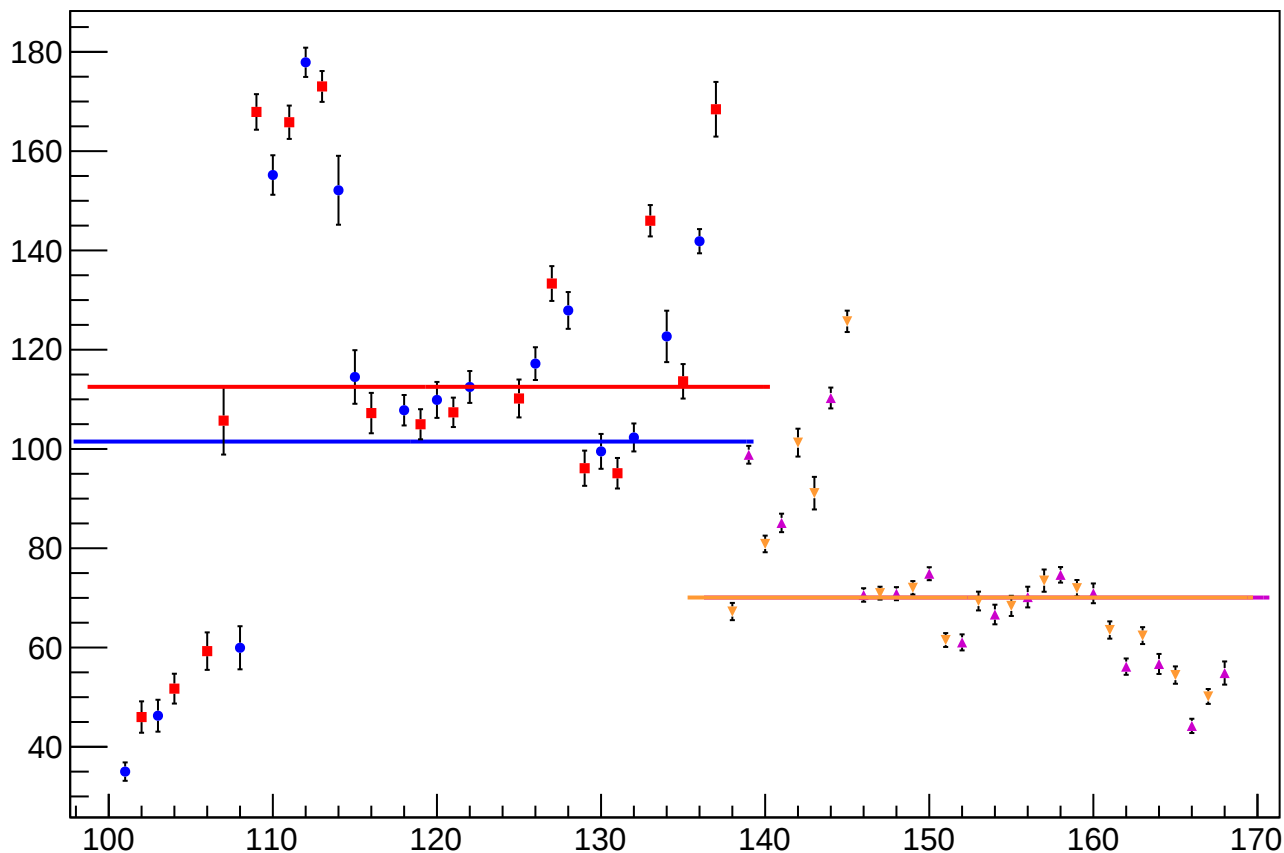
Right: 6.763 $\pm$ 0.310 χ^2 /NDF: 886.1/32

In: 3.613 $\pm$ 0.250 χ^2 /NDF:762.4/30

Out: 4.246 $\pm$ 0.251 χ^2 /NDF:773.9/32

All: 3.928 $\pm$ 0.177 χ^2 /NDF: 1539.5/63

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: 70.076 $\pm$ 0.434 χ^2 /NDF:1210.6/15

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 70.069 $\pm$ 0.433 χ^2 /NDF:1227.2/14

Left: 70.073 $\pm$ 0.307 χ^2 /NDF: 2437.8/30

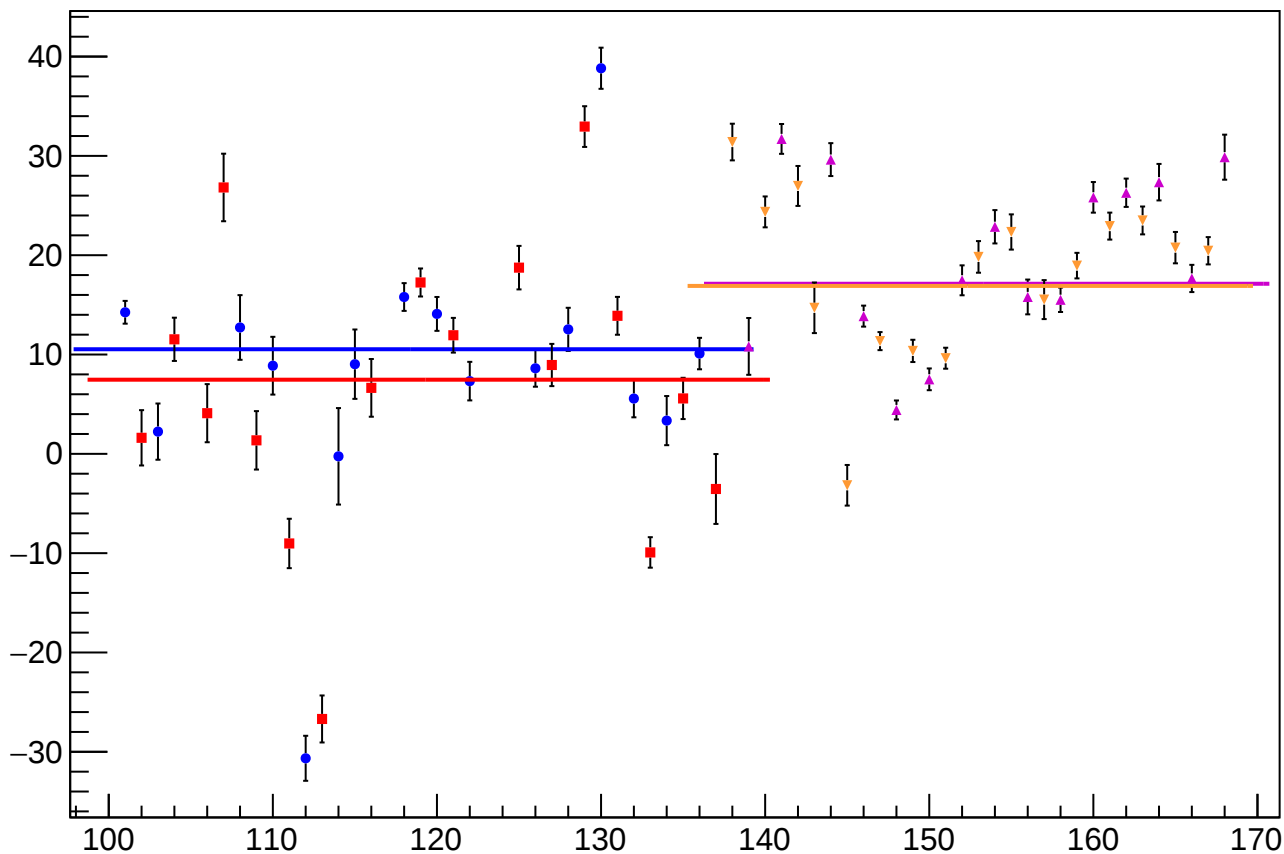
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 77.075 $\pm$ 0.382 χ^2 /NDF:5375.0/30

Out: 78.969 $\pm$ 0.386 χ^2 /NDF:5450.5/32

All: 78.011 $\pm$ 0.271 χ^2 /NDF: 10837.7/63

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 16.908 ± 0.358 $\chi^2/\text{NDF}: 395.7/15$

Right Out: 7.466 ± 0.525 $\chi^2/\text{NDF}: 685.0/16$

Left In: 17.125 ± 0.366 $\chi^2/\text{NDF}: 570.1/14$

Left: 17.014 ± 0.256 $\chi^2/\text{NDF}: 966.0/30$

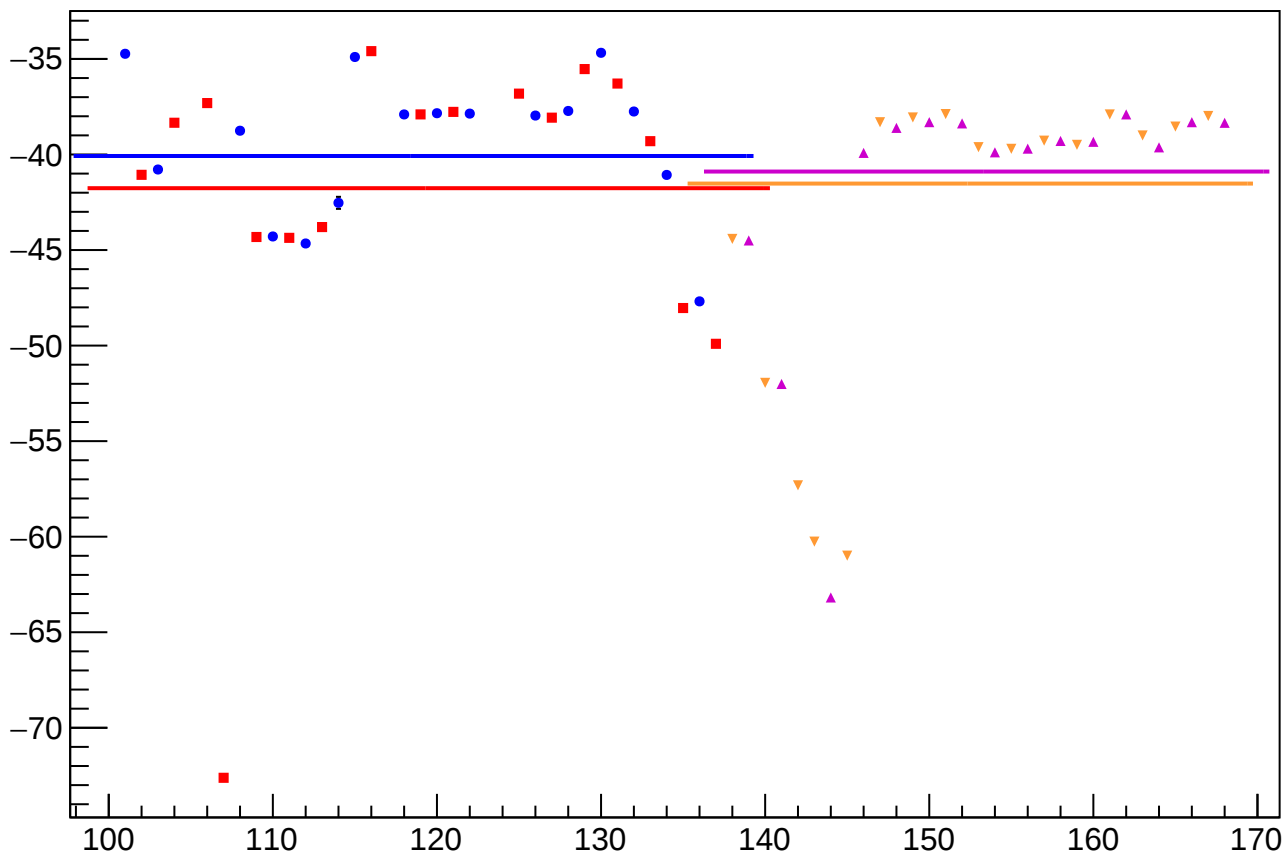
Right: 9.096 ± 0.359 $\chi^2/\text{NDF}: 1283.4/32$

In: 14.783 ± 0.294 $\chi^2/\text{NDF}: 1265.8/30$

Out: 13.913 ± 0.296 $\chi^2/\text{NDF}: 1301.5/32$

All: 14.351 ± 0.208 $\chi^2/\text{NDF}: 2571.6/63$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -41.522 $\pm$ 0.017 χ^2 /NDF:136669.0/15

Right Out: -41.764 $\pm$ 0.029 χ^2 /NDF: 60249.3/16

Left In: -40.893 $\pm$ 0.017 χ^2 /NDF:95750.9/14

Left: -41.205 $\pm$ 0.012 χ^2 /NDF: 233076.8/30

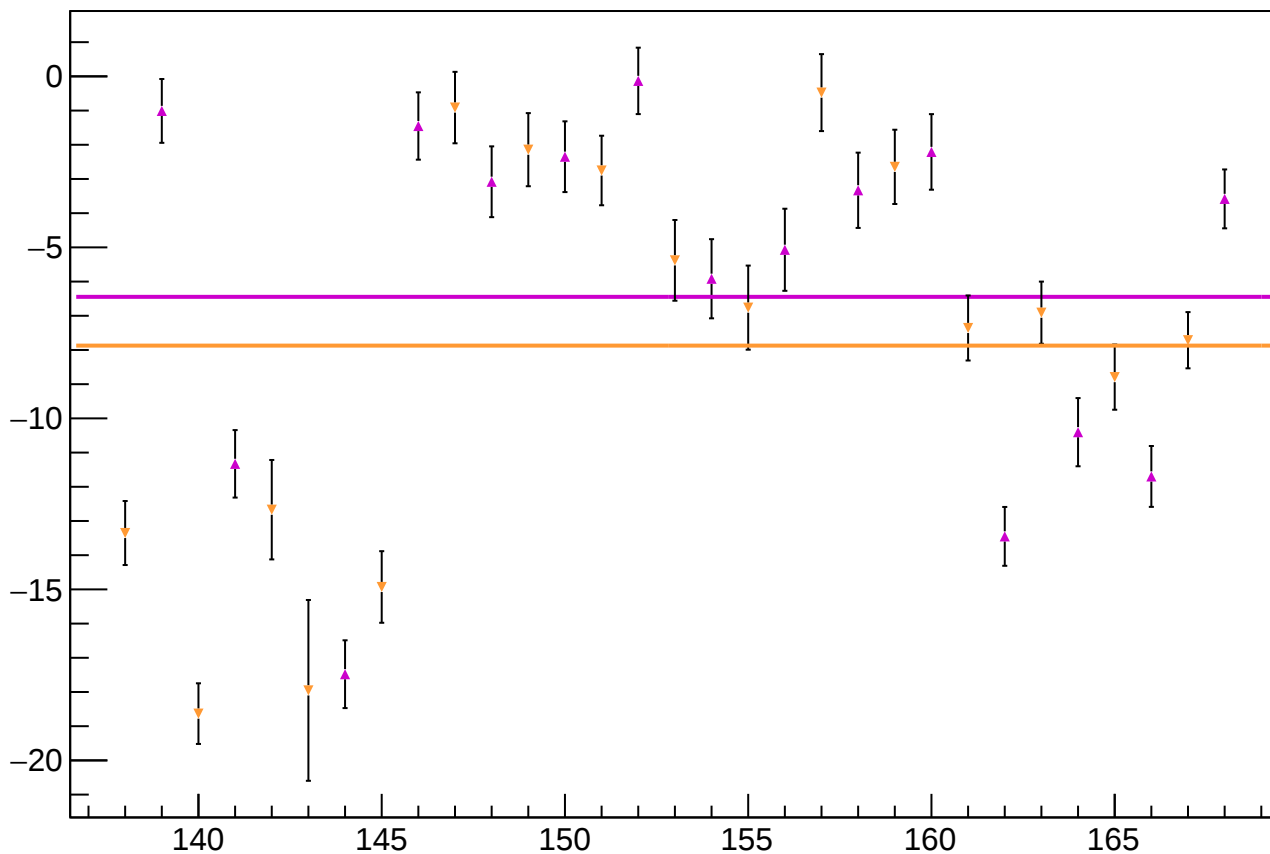
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -40.671 $\pm$ 0.015 χ^2 /NDF:121503.2/30

Out: -41.587 $\pm$ 0.015 χ^2 /NDF:196969.6/32

All: -41.124 $\pm$ 0.010 χ^2 /NDF: 320380.3/63

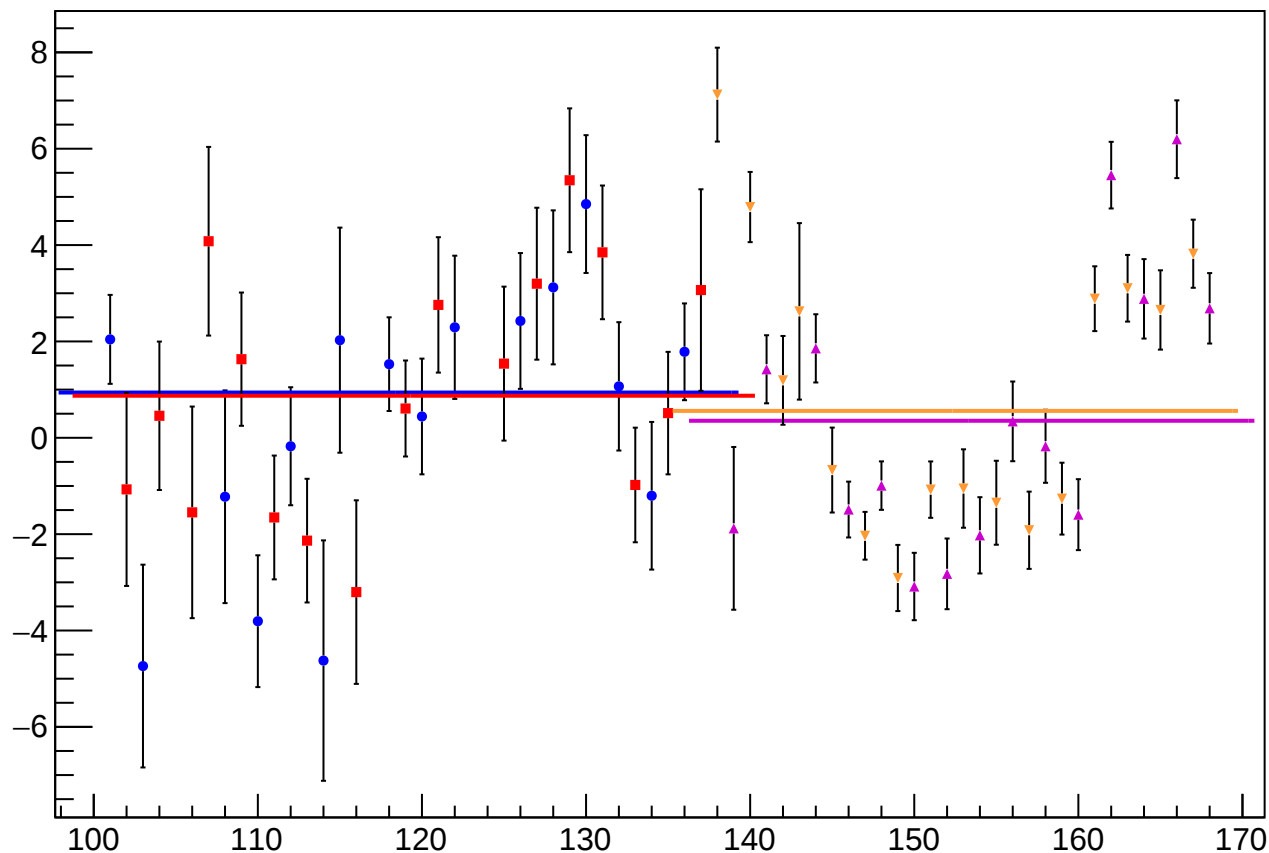
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.872 $\pm$ 0.262 χ^2 /NDF:425.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.446 $\pm$ 0.256 χ^2 /NDF:428.8/14

Left: -7.145 $\pm$ 0.183 χ^2 /NDF: 869.0/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.446 $\pm$ 0.256 χ^2 /NDF:428.8/14
 Out: -7.872 $\pm$ 0.262 χ^2 /NDF:425.0/15
 All: -7.145 $\pm$ 0.183 χ^2 /NDF: 869.0/30

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 $\pm$ 0.339 χ^2/NDF : 42.2/15

Left Out: 0.558 $\pm$ 0.186 χ^2/NDF :220.9/15

Right Out: 0.873 $\pm$ 0.354 χ^2/NDF : 40.6/16

Left In: 0.353 $\pm$ 0.186 χ^2/NDF :211.6/14

Left: 0.456 $\pm$ 0.132 χ^2/NDF : 433.1/30

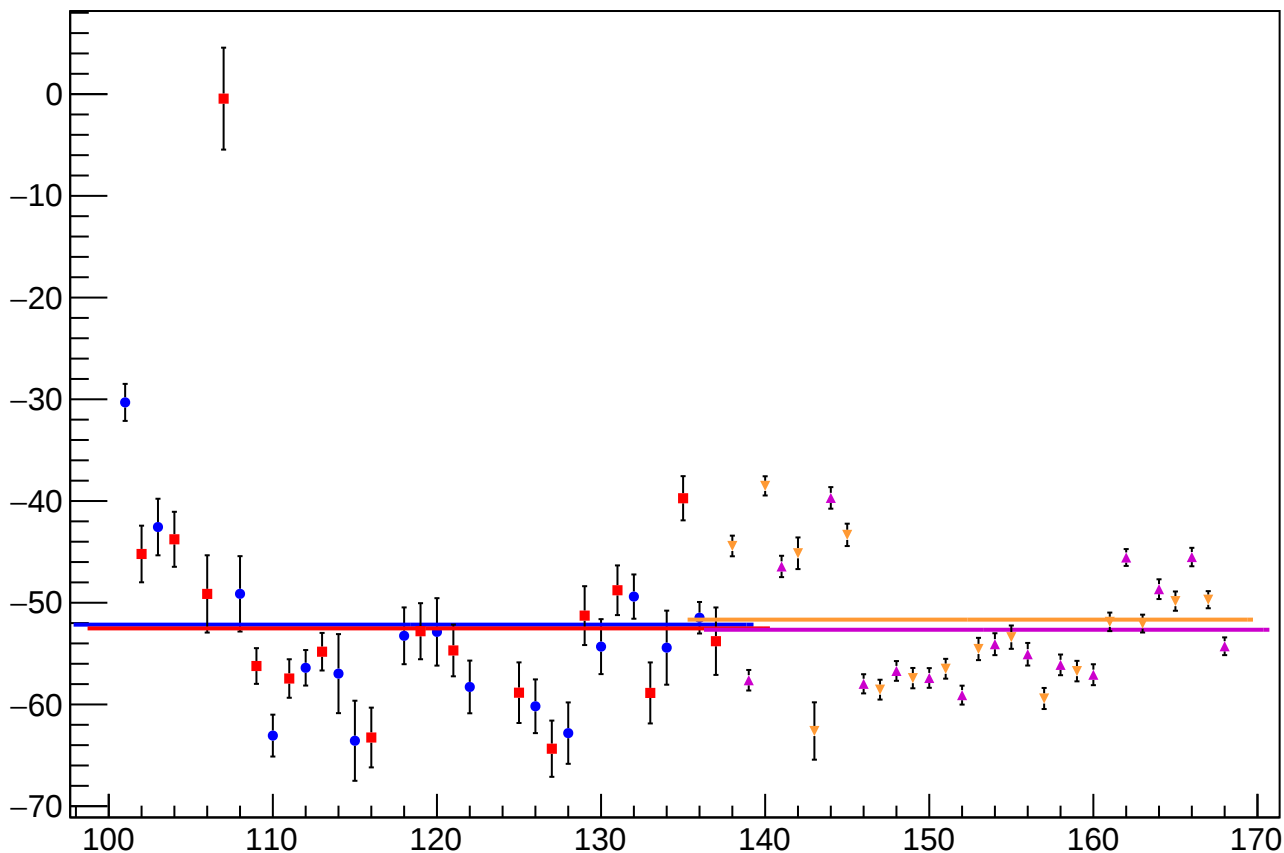
Right: 0.908 $\pm$ 0.245 χ^2/NDF : 82.8/32

In: 0.490 $\pm$ 0.163 χ^2/NDF :256.1/30

Out: 0.627 $\pm$ 0.165 χ^2/NDF :262.1/32

All: 0.557 $\pm$ 0.116 χ^2/NDF : 518.5/63

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: -51.660 ± 0.257 χ^2/NDF : 542.3/15

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.656 ± 0.251 χ^2/NDF : 522.5/14

Left: -52.170 ± 0.180 χ^2/NDF : 1072.5/30

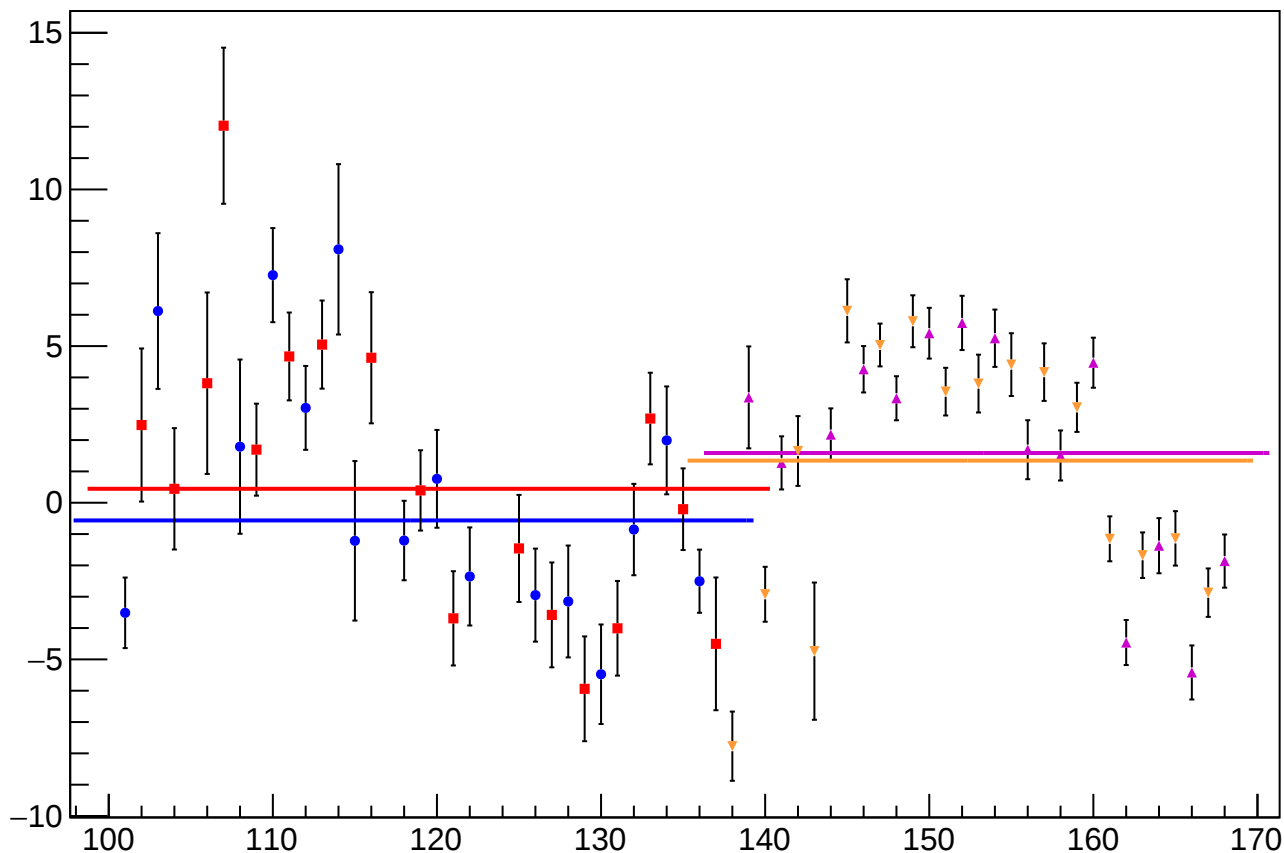
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.584 ± 0.233 χ^2/NDF : 754.2/30

Out: -51.788 ± 0.237 χ^2/NDF : 761.6/32

All: -52.194 ± 0.166 χ^2/NDF : 1521.6/63

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: 1.345 ± 0.217 χ^2/NDF : 286.3/15

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.587 ± 0.217 χ^2/NDF : 259.8/14

Left: 1.466 ± 0.153 χ^2/NDF : 546.7/30

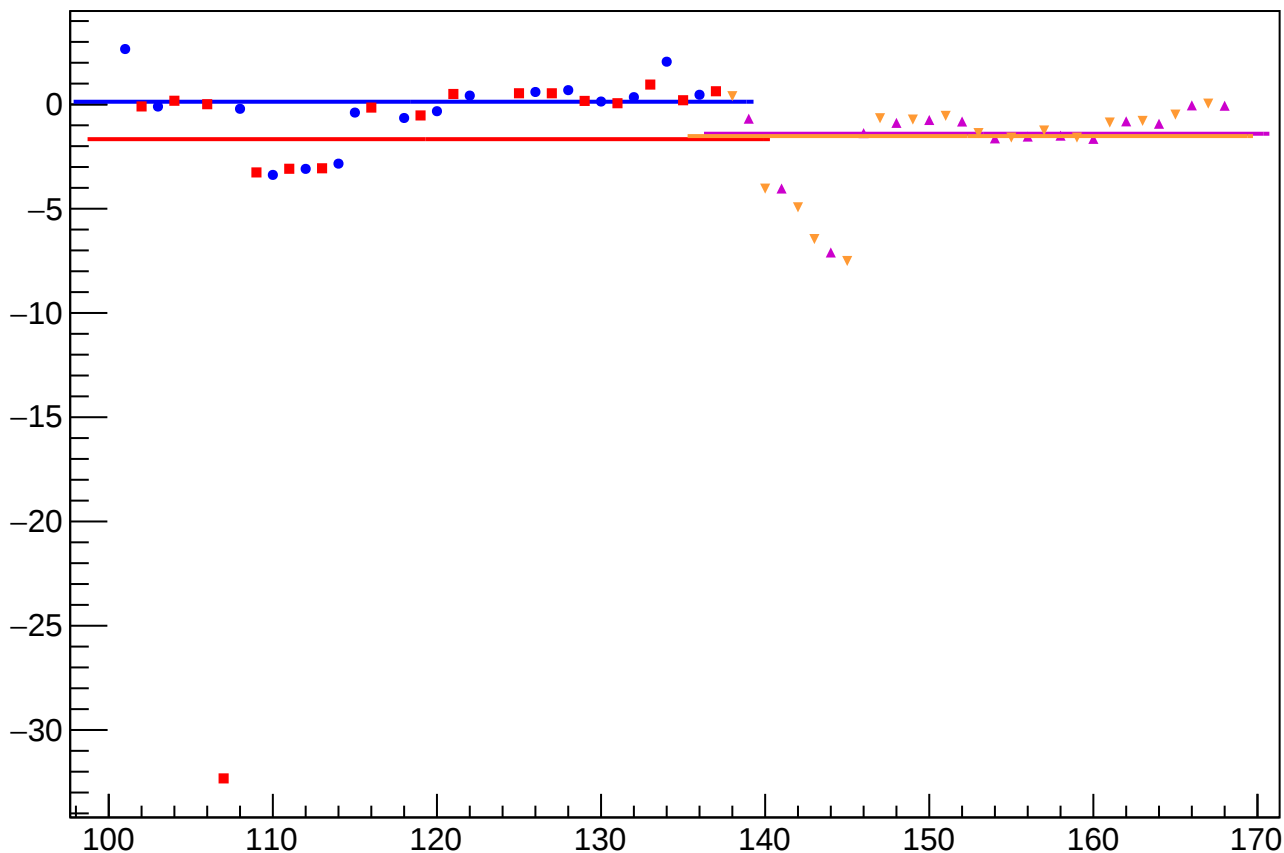
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.068 ± 0.189 χ^2/NDF : 365.4/30

Out: 1.140 ± 0.191 χ^2/NDF : 384.3/32

All: 1.104 ± 0.134 χ^2/NDF : 749.8/63

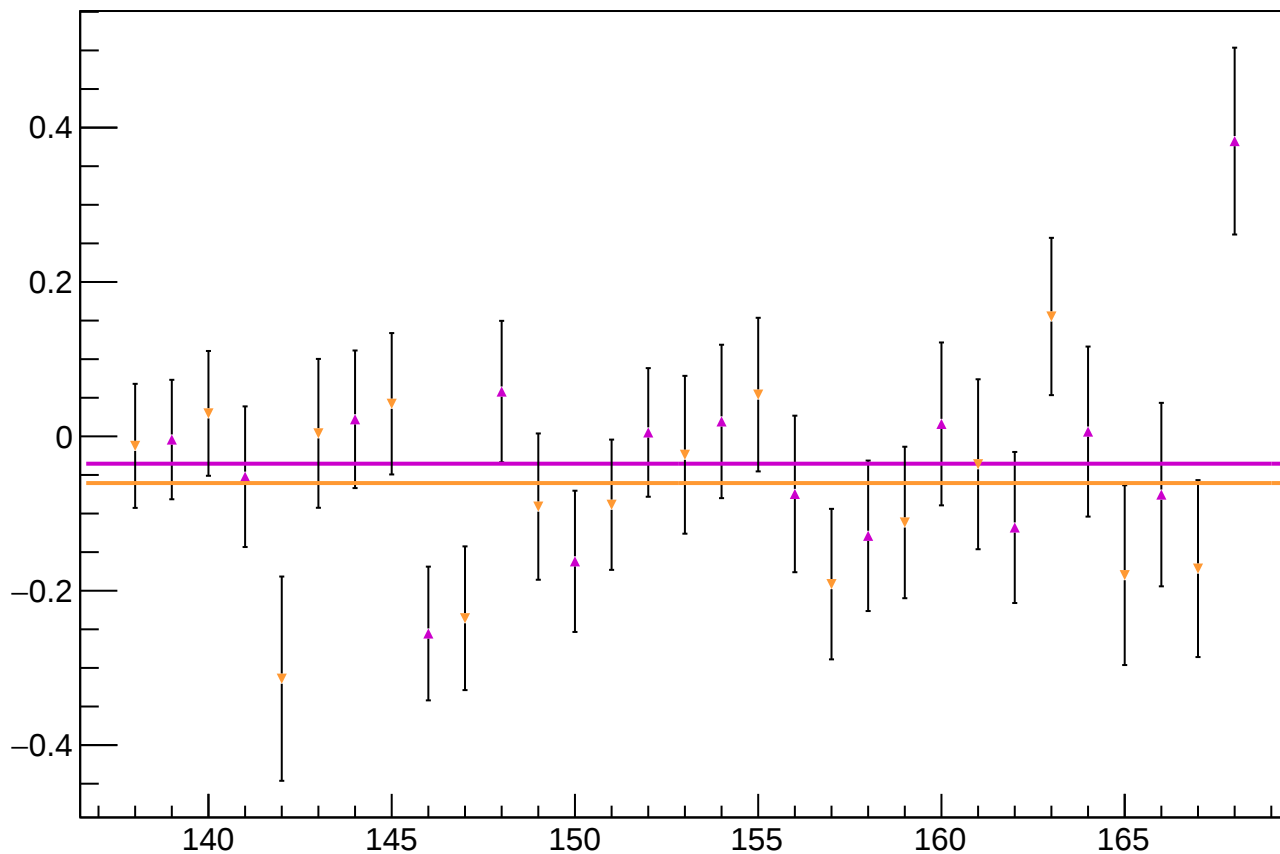
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.517 ± 0.010 $\chi^2/\text{NDF}: 35091.7/15$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.404 ± 0.010 $\chi^2/\text{NDF}: 23428.5/14$

Left: -1.459 ± 0.007 $\chi^2/\text{NDF}: 58583.3/30$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.136 ± 0.009 $\chi^2/\text{NDF}: 32860.7/30$
 Out: -1.543 ± 0.009 $\chi^2/\text{NDF}: 112732.1/32$
 All: -1.335 ± 0.006 $\chi^2/\text{NDF}: 146592.2/63$

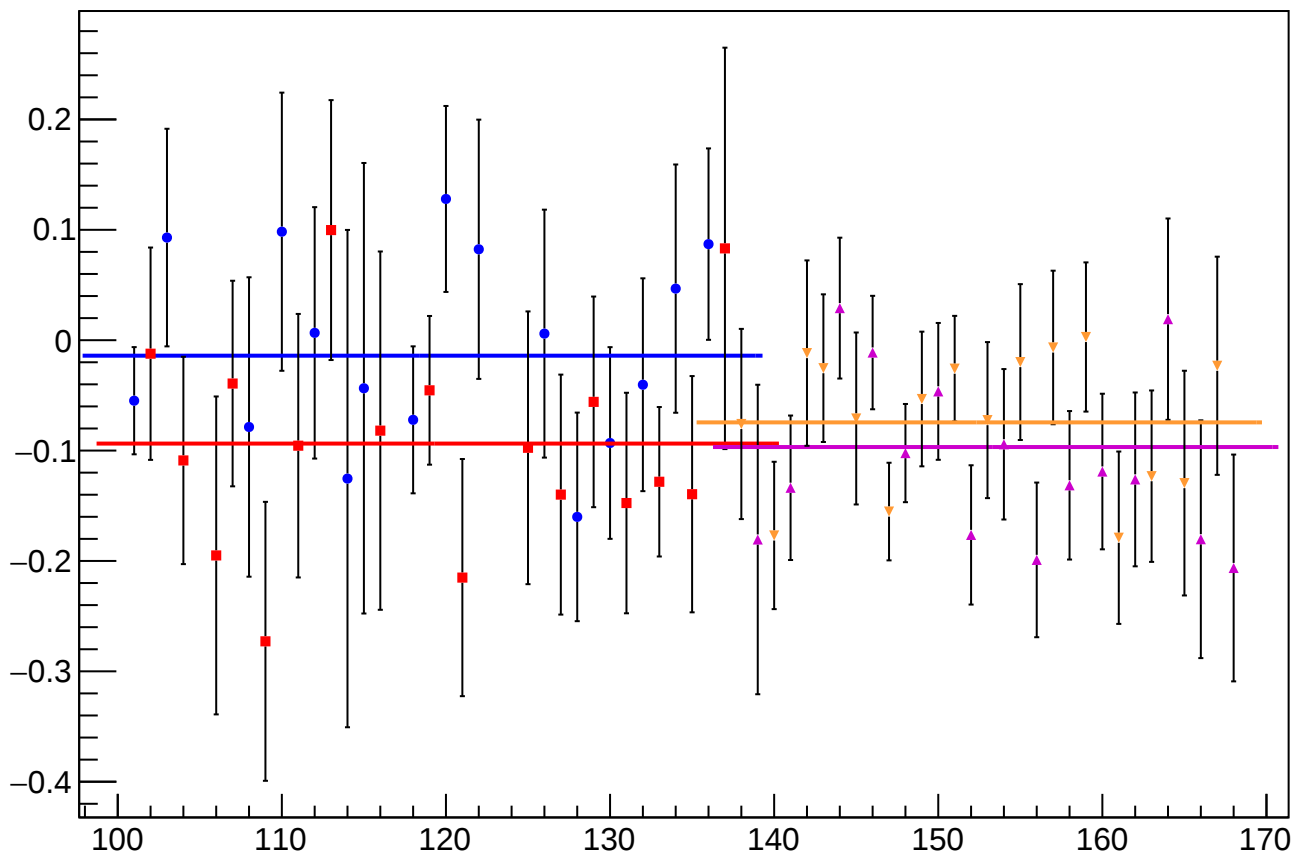
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.061 $\pm$ 0.024 χ^2 /NDF:20.8/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.035 $\pm$ 0.025 χ^2 /NDF:24.8/14

Left: -0.048 $\pm$ 0.017 χ^2 /NDF: 46.1/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.035 $\pm$ 0.025 χ^2 /NDF:24.8/14
 Out: -0.061 $\pm$ 0.024 χ^2 /NDF:20.8/15
 All: -0.048 $\pm$ 0.017 χ^2 /NDF: 46.1/30

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.074 ± 0.017 χ^2/NDF : 13.6/15

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.097 ± 0.018 χ^2/NDF : 15.6/14

Left: -0.085 ± 0.012 χ^2/NDF : 30.0/30

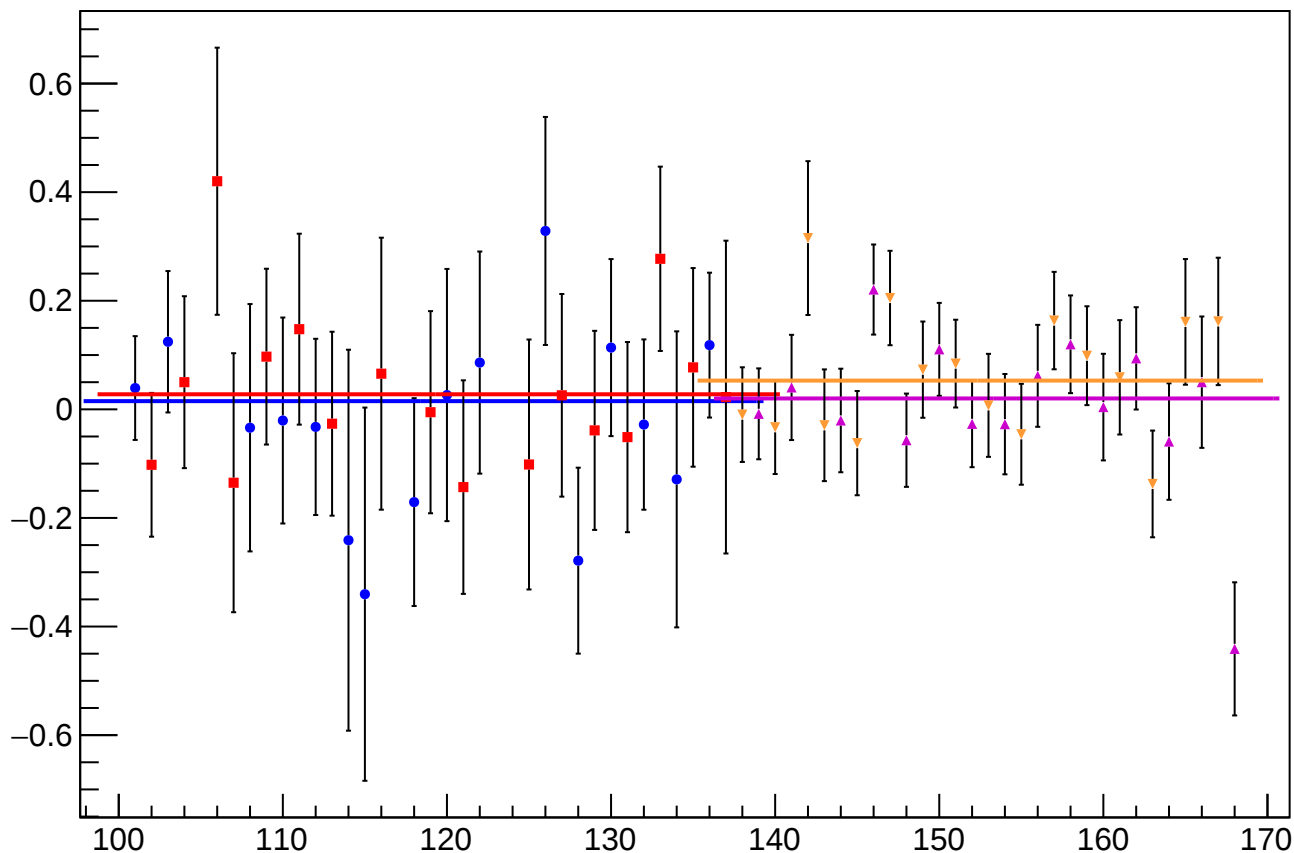
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.067 ± 0.014 χ^2/NDF : 36.1/30

Out: -0.081 ± 0.014 χ^2/NDF : 24.1/32

All: -0.074 ± 0.010 χ^2/NDF : 60.7/63

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.053 $\pm$ 0.024 χ^2 /NDF:18.9/15

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.020 $\pm$ 0.024 χ^2 /NDF:25.5/14

Left: 0.037 $\pm$ 0.017 χ^2 /NDF: 45.4/30

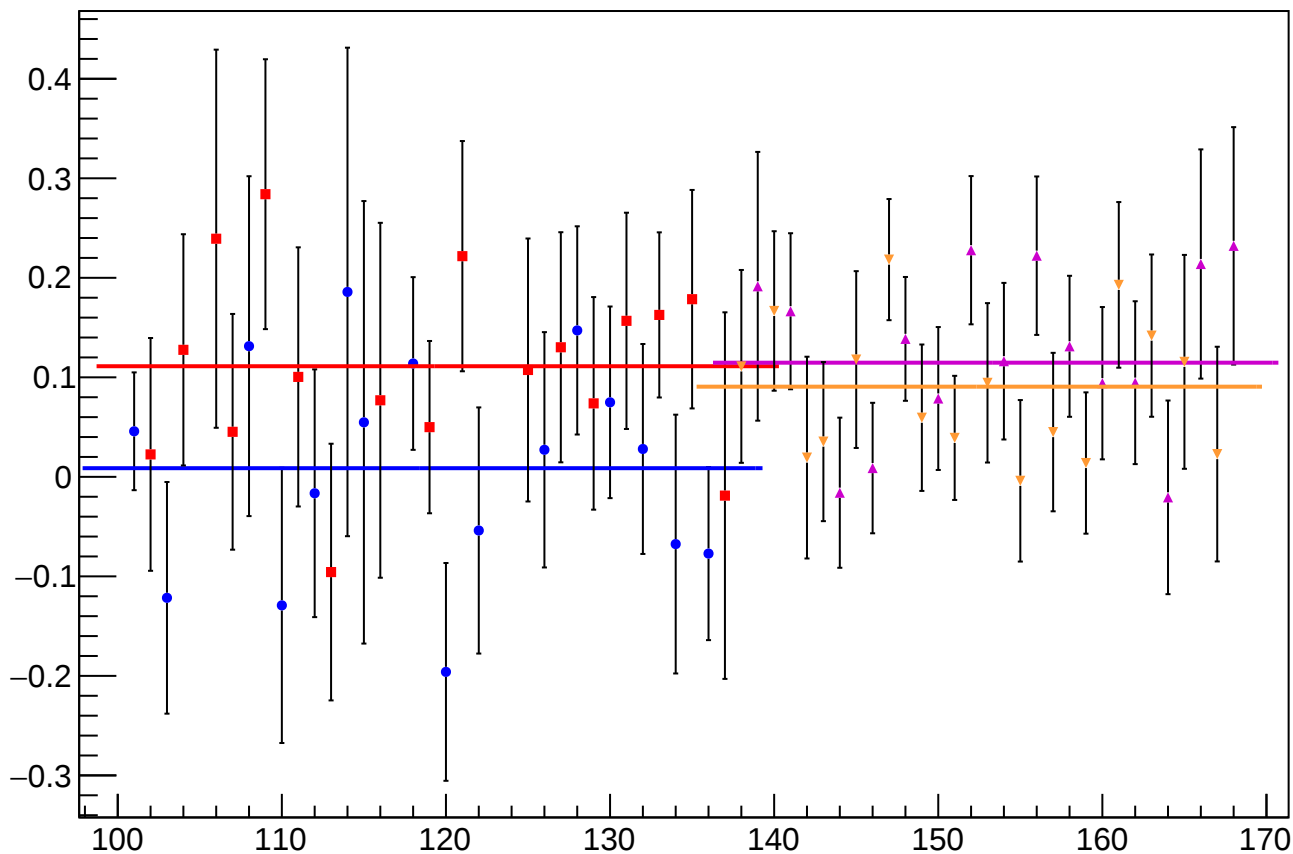
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.019 $\pm$ 0.021 χ^2 /NDF:35.6/30

Out: 0.047 $\pm$ 0.021 χ^2 /NDF:27.6/32

All: 0.033 $\pm$ 0.015 χ^2 /NDF: 64.2/63

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 12.6/15$

Left Out: 0.091 ± 0.020 $\chi^2/\text{NDF}: 12.5/15$

Right Out: 0.111 ± 0.029 $\chi^2/\text{NDF}: 8.6/16$

Left In: 0.115 ± 0.021 $\chi^2/\text{NDF}: 14.7/14$

Left: 0.102 ± 0.014 $\chi^2/\text{NDF}: 27.9/30$

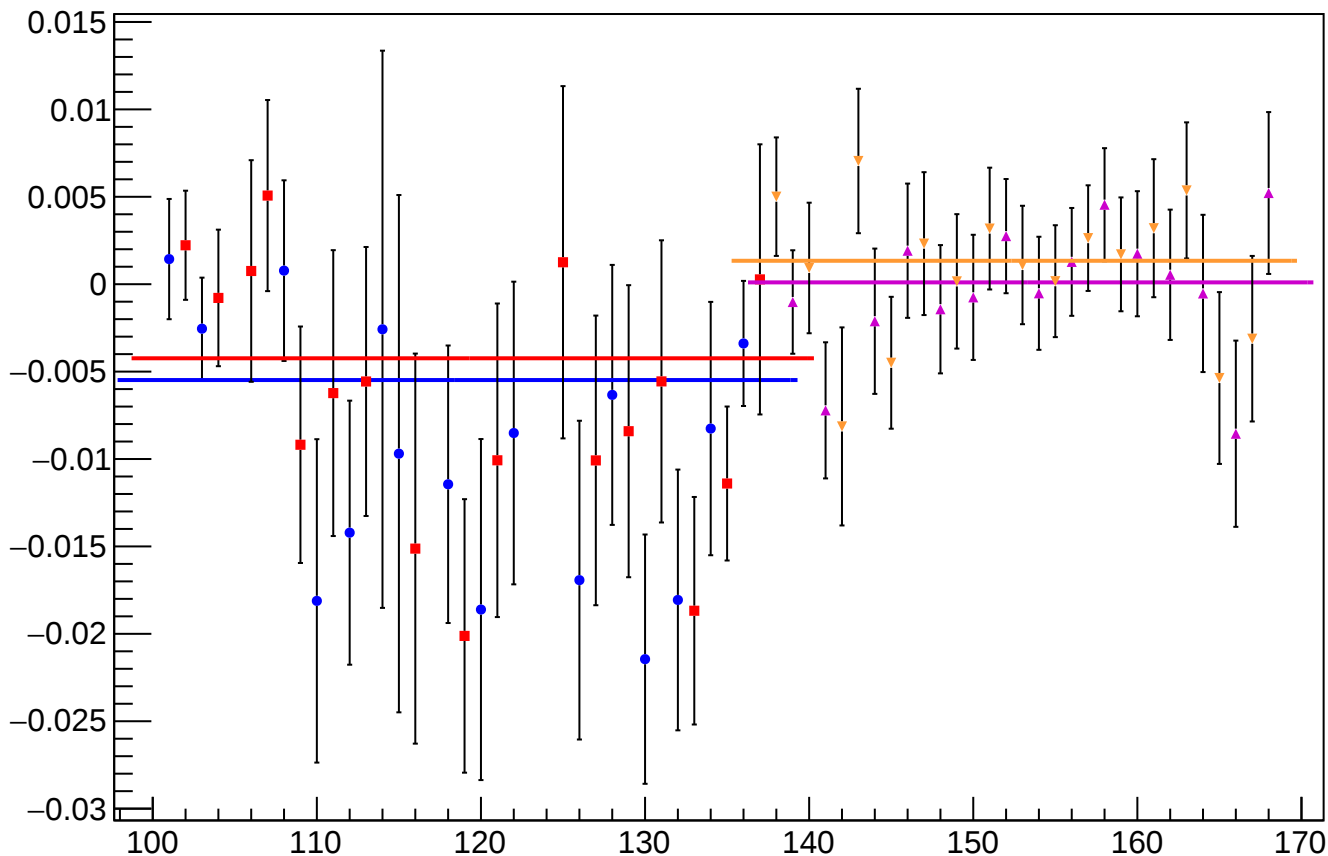
Right: 0.057 ± 0.020 $\chi^2/\text{NDF}: 28.0/32$

In: 0.075 ± 0.016 $\chi^2/\text{NDF}: 37.1/30$

Out: 0.097 ± 0.016 $\chi^2/\text{NDF}: 21.4/32$

All: 0.086 ± 0.012 $\chi^2/\text{NDF}: 59.4/63$

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:13.1/15

Right Out: -0.004 $\pm$ 0.001 χ^2 /NDF: 23.7/16

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:11.2/14

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 25.2/30

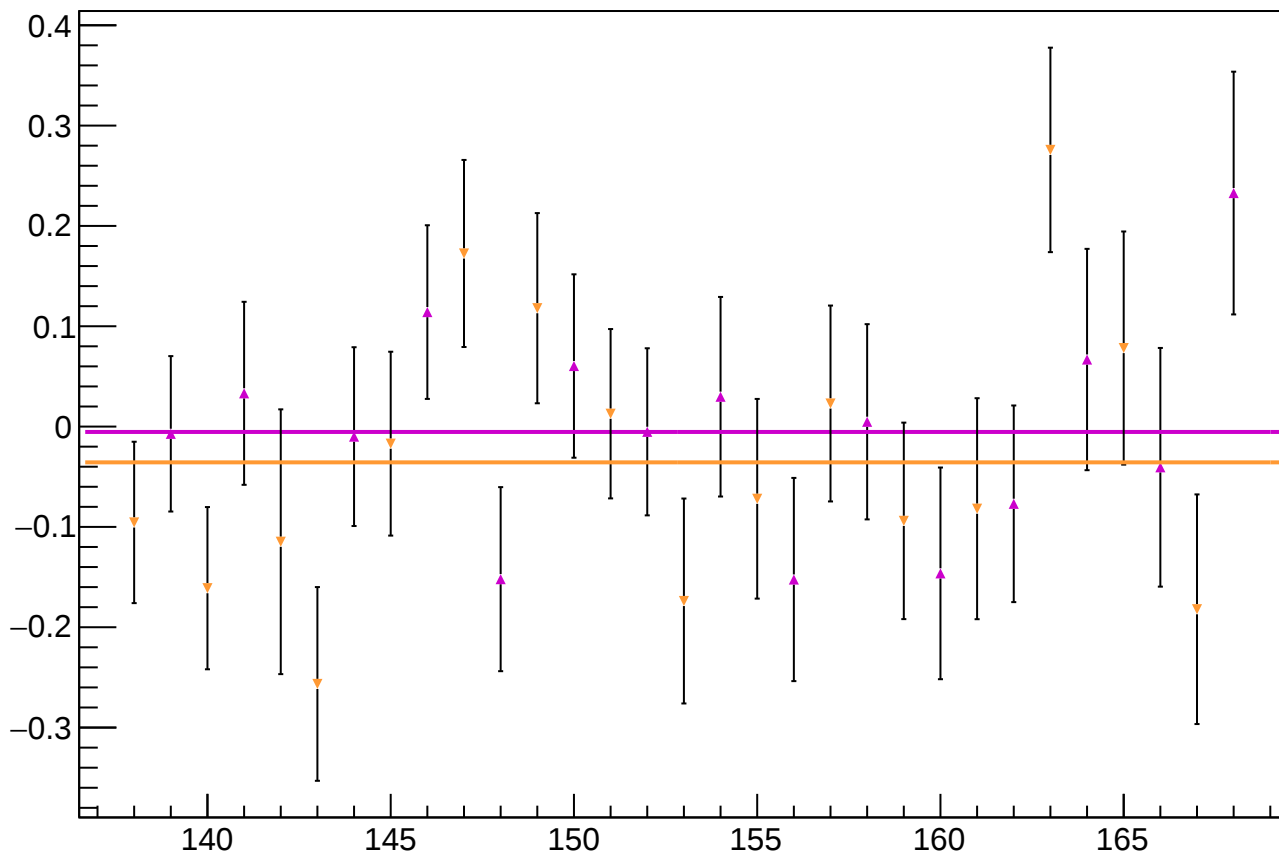
Right: -0.005 $\pm$ 0.001 χ^2 /NDF: 46.3/32

In: -0.002 $\pm$ 0.001 χ^2 /NDF:44.1/30

Out: -0.000 $\pm$ 0.001 χ^2 /NDF:47.0/32

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 92.4/63

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: -0.036 +/- 0.024 χ^2/NDF : 31.3/15

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -0.005 +/- 0.025 χ^2/NDF : 14.1/14

Left: -0.021 +/- 0.017 χ^2/NDF : 46.2/30

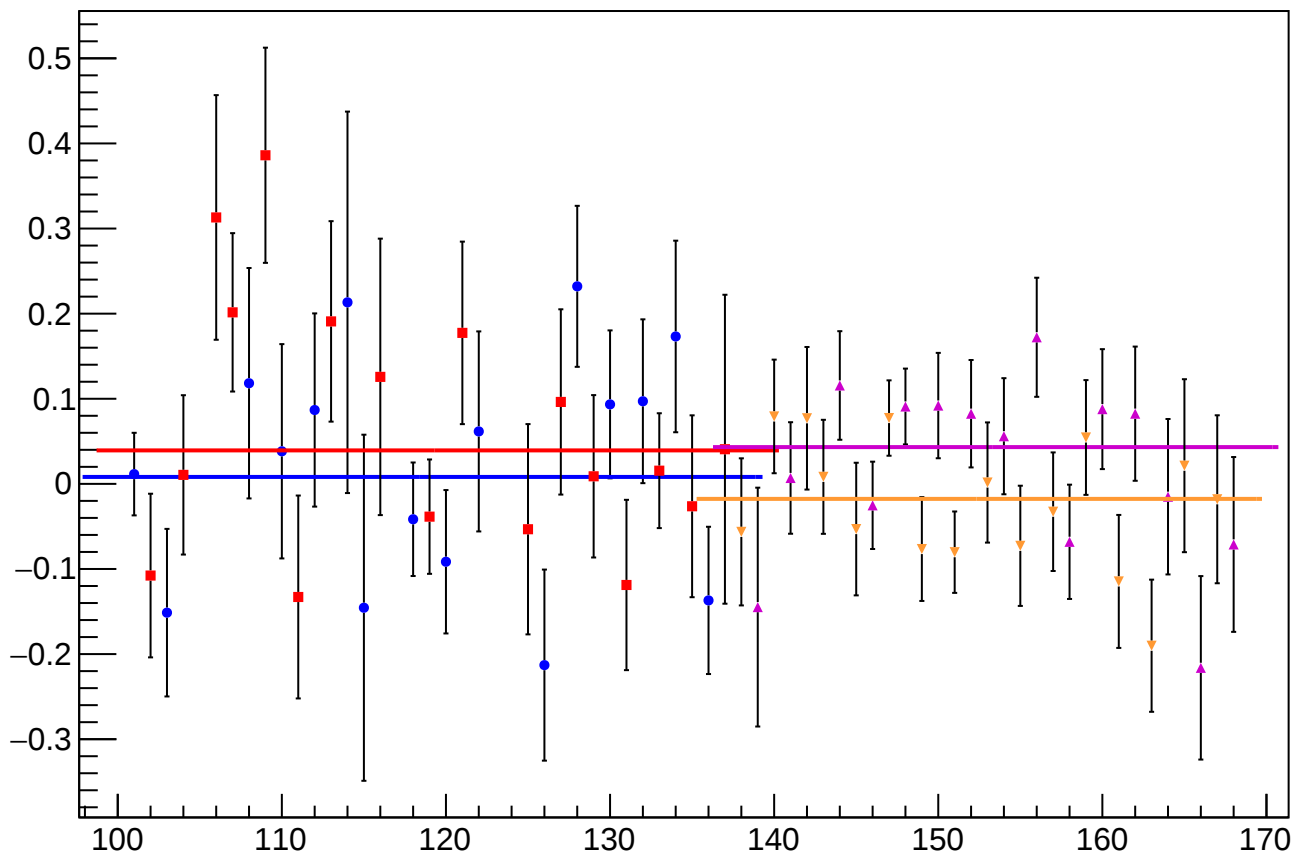
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -0.005 +/- 0.025 χ^2/NDF : 14.1/14

Out: -0.036 +/- 0.024 χ^2/NDF : 31.3/15

All: -0.021 +/- 0.017 χ^2/NDF : 46.2/30

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: -0.018 ± 0.017 χ^2/NDF : 19.7/15

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.043 ± 0.018 χ^2/NDF : 21.6/14

Left: 0.012 ± 0.012 χ^2/NDF : 47.5/30

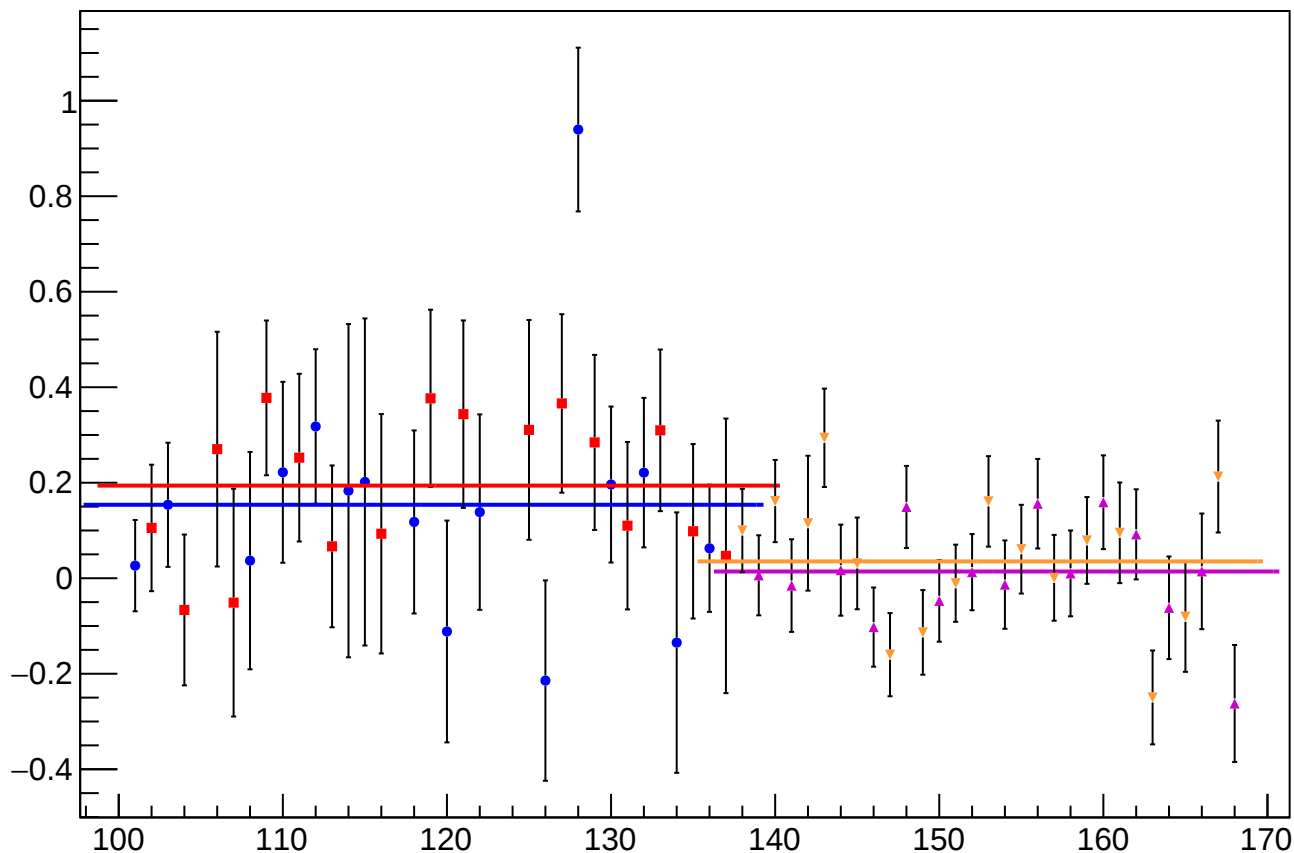
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.030 ± 0.014 χ^2/NDF : 46.7/30

Out: 0.001 ± 0.014 χ^2/NDF : 50.9/32

All: 0.016 ± 0.010 χ^2/NDF : 99.8/63

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.035 $\pm$ 0.024 χ^2 /NDF:31.8/15

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.014 $\pm$ 0.024 χ^2 /NDF:15.9/14

Left: 0.025 $\pm$ 0.017 χ^2 /NDF: 48.0/30

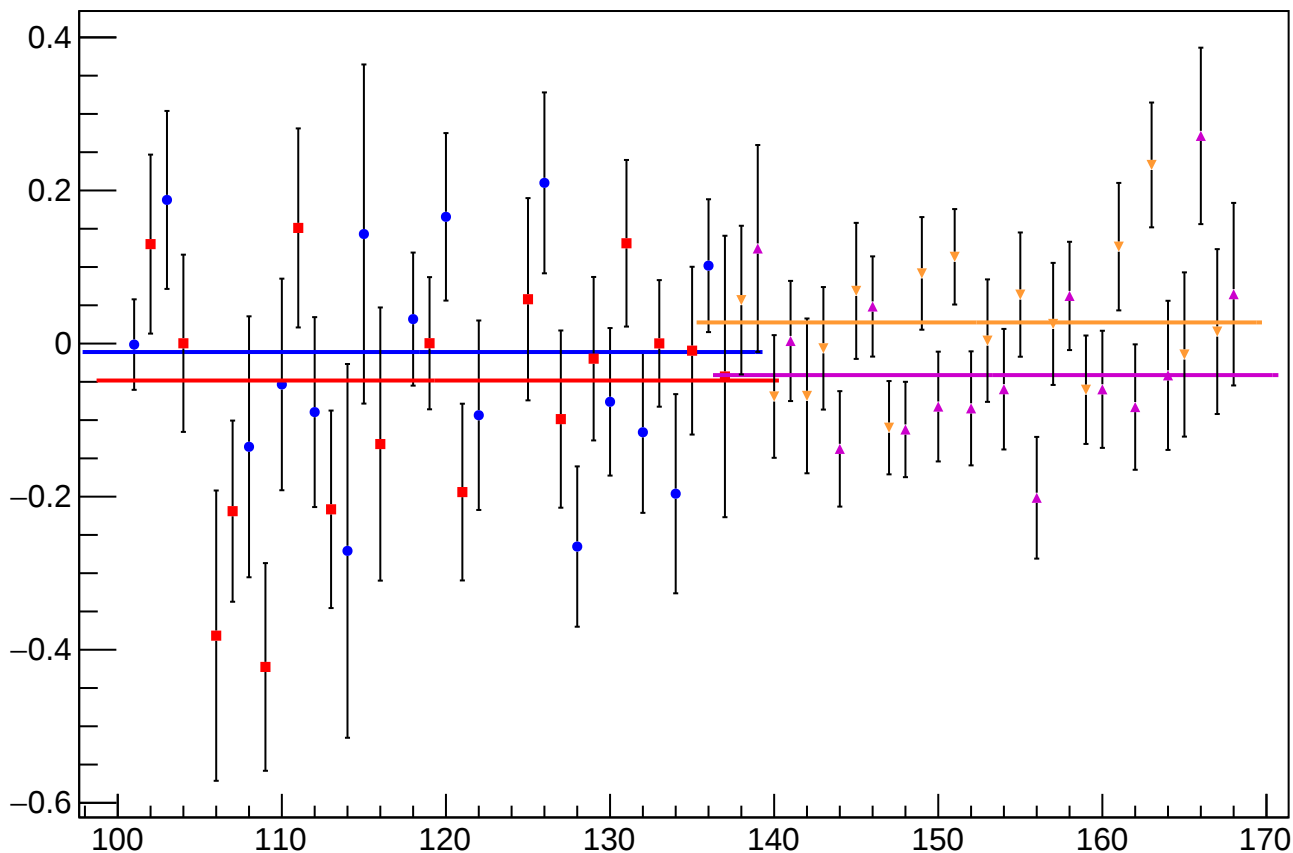
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.048 $\pm$ 0.021 χ^2 /NDF:54.5/30

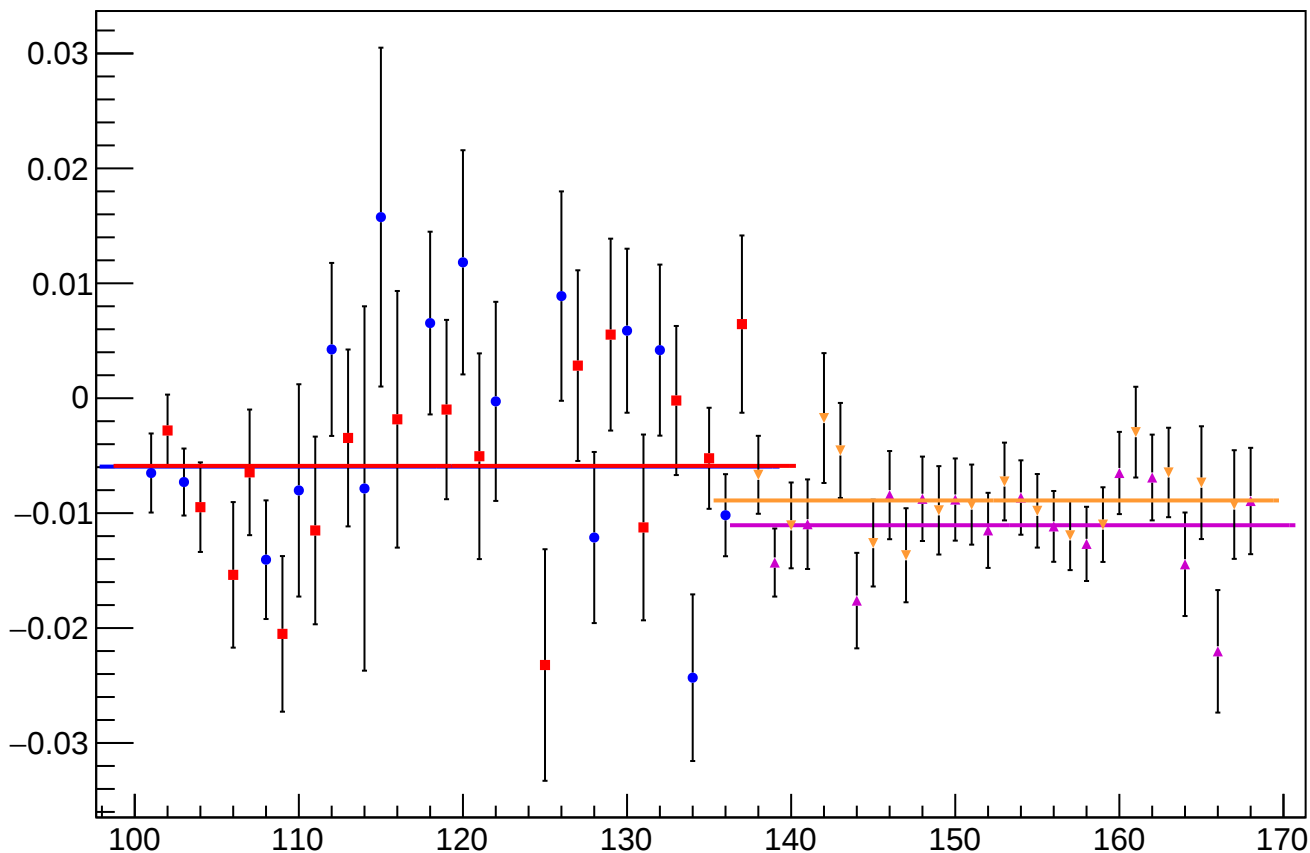
Out: 0.070 $\pm$ 0.021 χ^2 /NDF:52.0/32

All: 0.059 $\pm$ 0.015 χ^2 /NDF: 107.1/63

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 10.4/15

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 13.6/14

Left: -0.010 ± 0.001 χ^2/NDF : 26.6/30

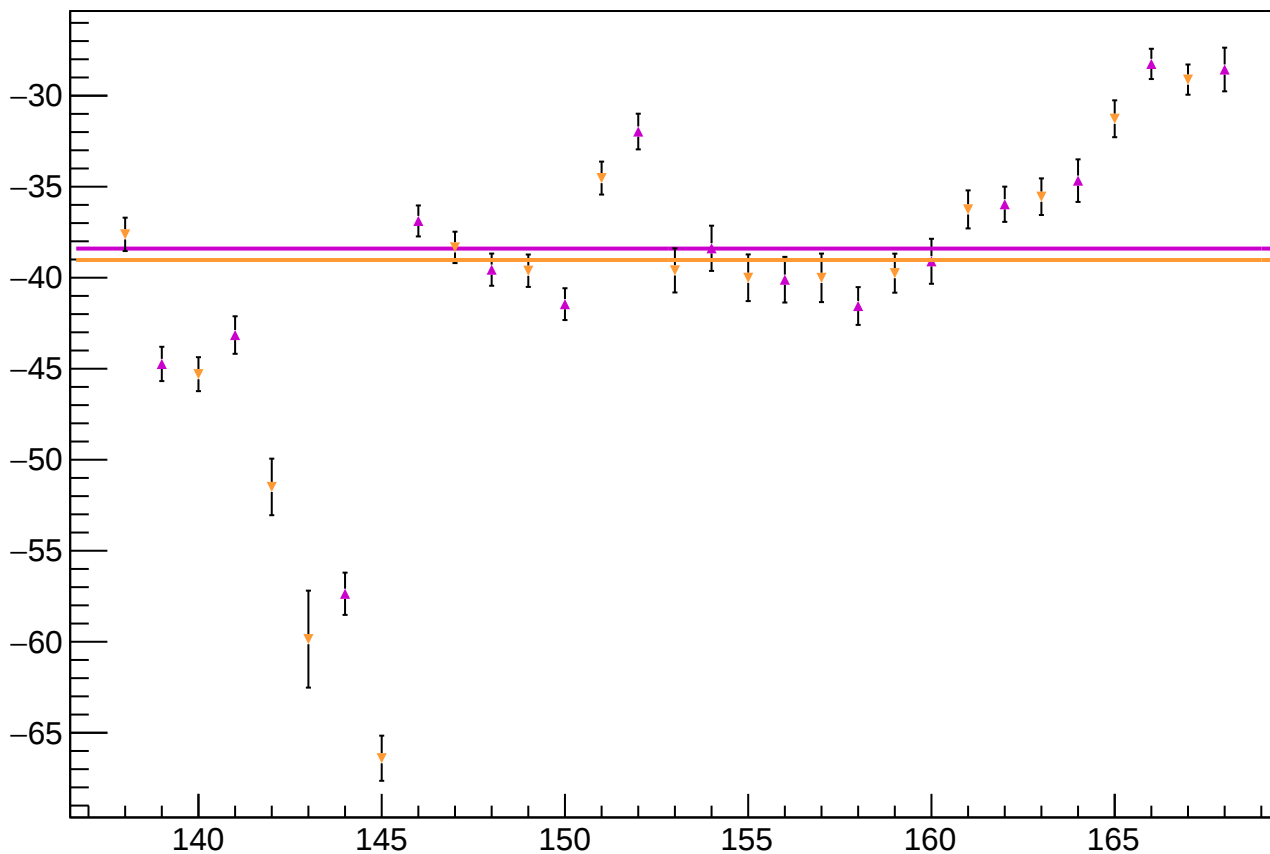
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.010 ± 0.001 χ^2/NDF : 51.2/30

Out: -0.008 ± 0.001 χ^2/NDF : 32.9/32

All: -0.009 ± 0.001 χ^2/NDF : 85.9/63

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: -39.028+/-0.263 χ^2/NDF : 908.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.400+/-0.261 χ^2/NDF : 637.8/14

Left: -38.712+/-0.186 χ^2/NDF : 1549.1/30

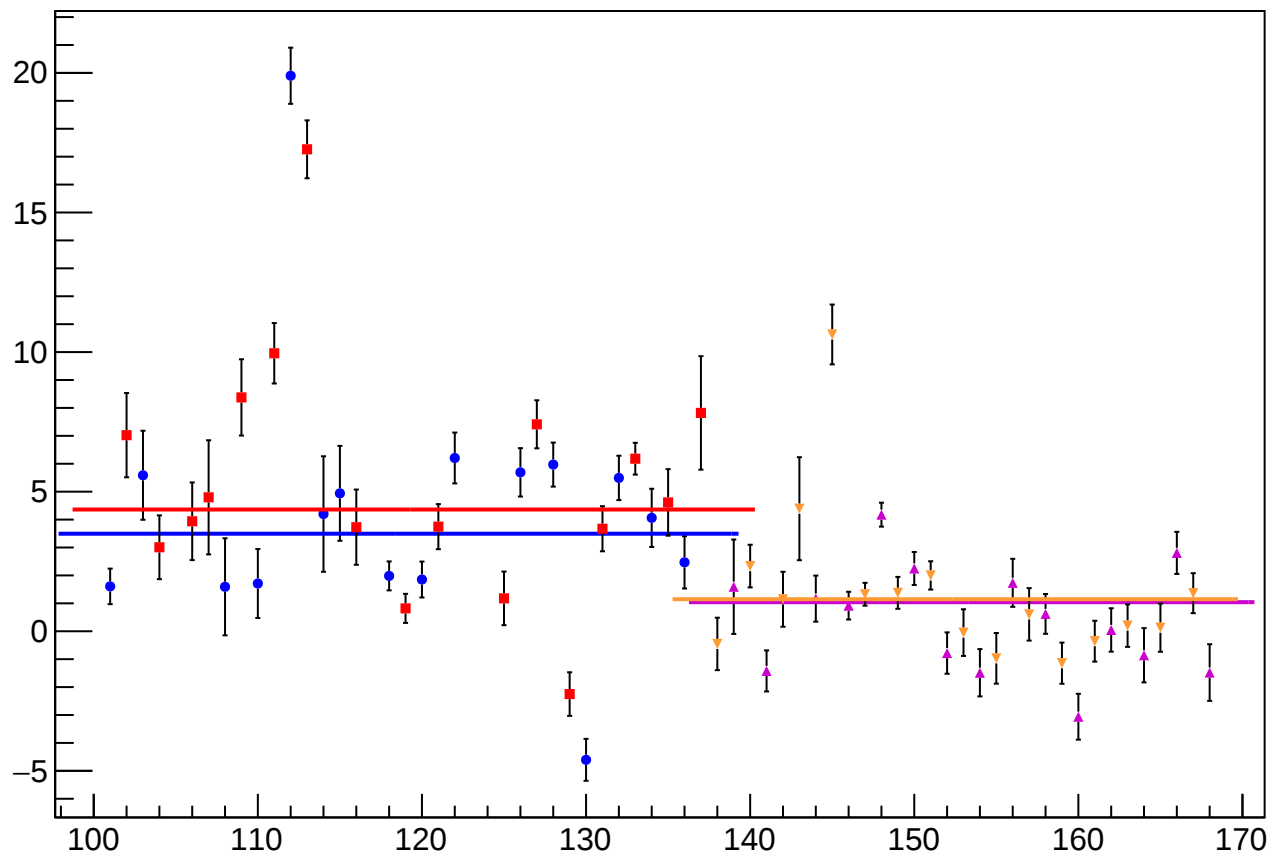
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.400+/-0.261 χ^2/NDF : 637.8/14

Out: -39.028+/-0.263 χ^2/NDF : 908.4/15

All: -38.712+/-0.186 χ^2/NDF : 1549.1/30

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: 1.148 $\pm$ 0.181 χ^2 /NDF:114.7/15

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.042 $\pm$ 0.184 χ^2 /NDF:126.9/14

Left: 1.096 $\pm$ 0.129 χ^2 /NDF: 241.8/30

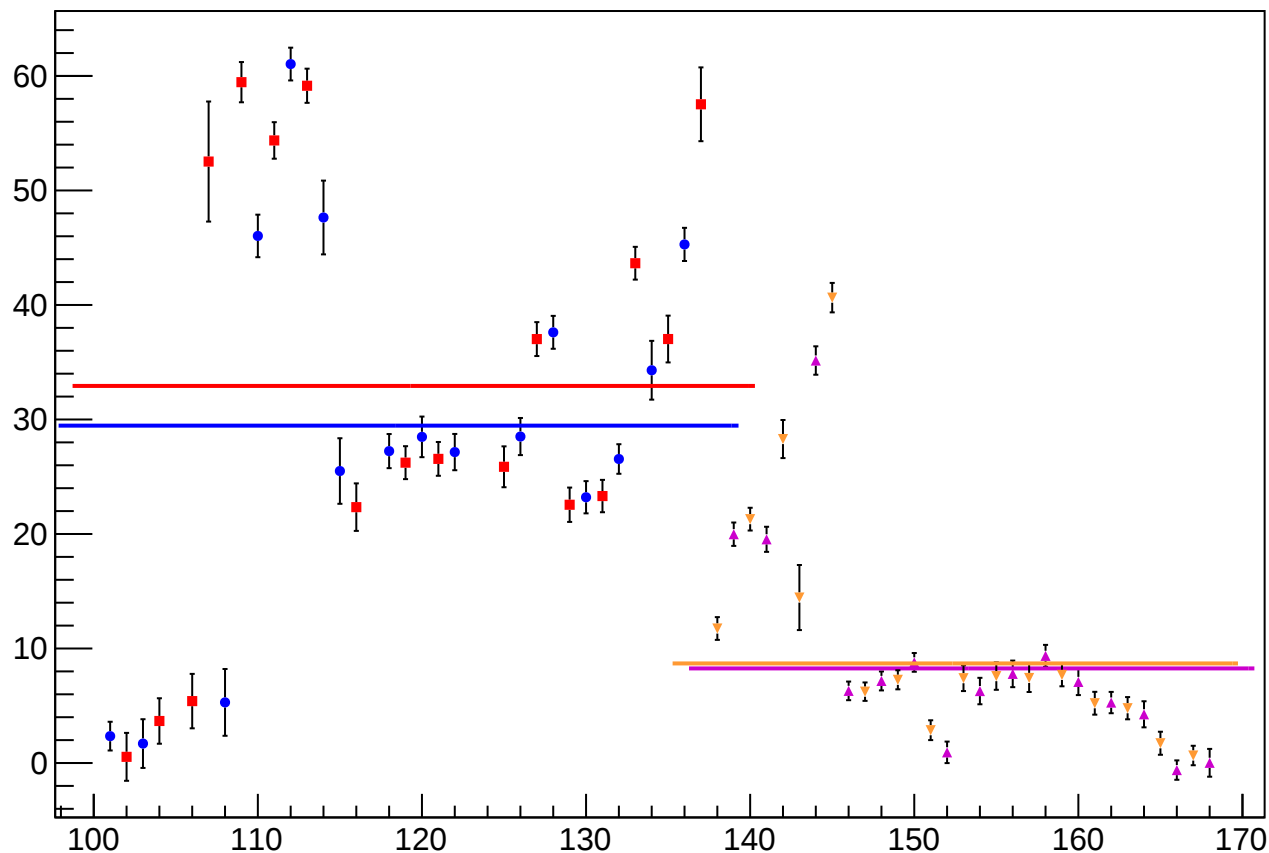
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.065 $\pm$ 0.141 χ^2 /NDF:645.8/30

Out: 2.409 $\pm$ 0.141 χ^2 /NDF:589.1/32

All: 2.236 $\pm$ 0.100 χ^2 /NDF: 1237.8/63

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: 8.696 $\pm$ 0.258 χ^2 /NDF:1157.8/15

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 8.260 $\pm$ 0.255 χ^2 /NDF:960.3/14

Left: 8.476 $\pm$ 0.181 χ^2 /NDF: 2119.5/30

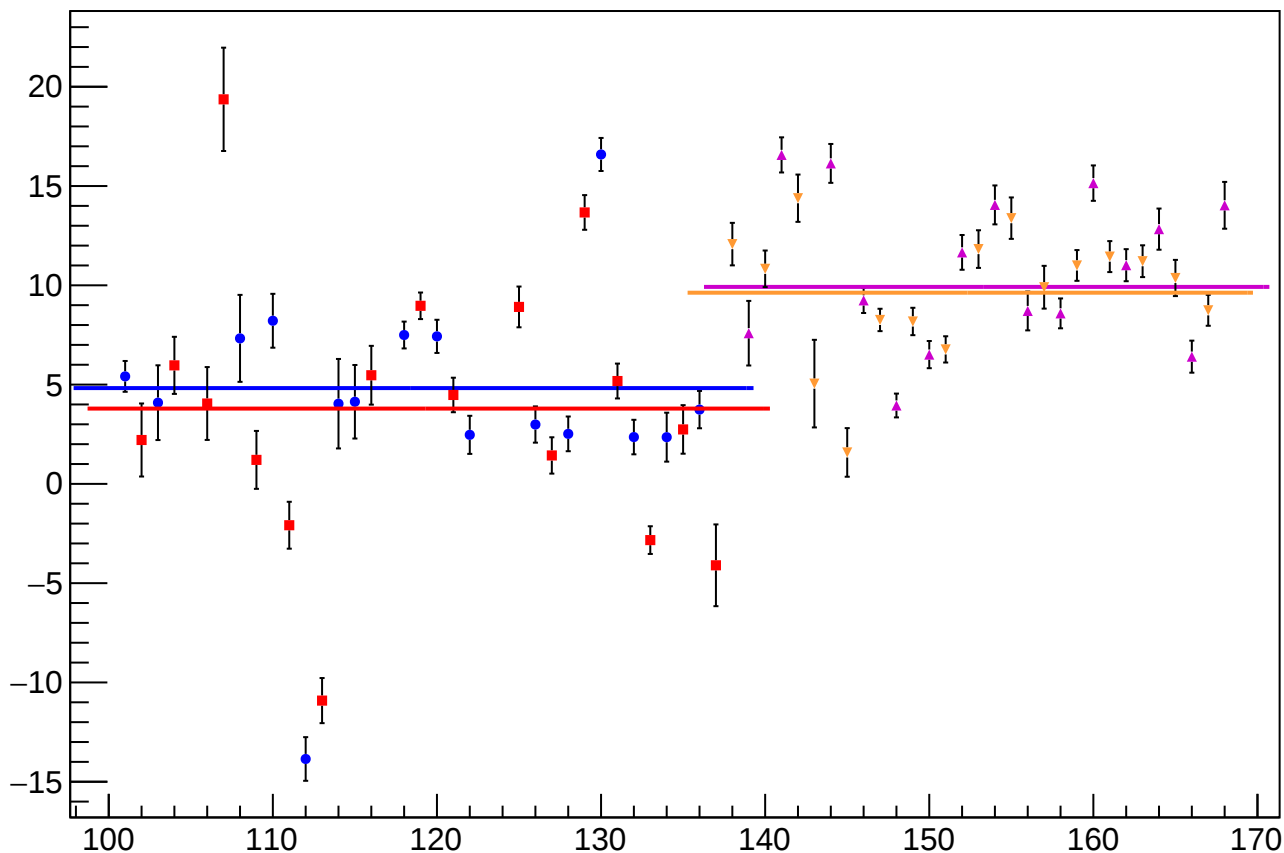
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 14.022 $\pm$ 0.218 χ^2 /NDF:4329.9/30

Out: 15.249 $\pm$ 0.220 χ^2 /NDF:5171.3/32

All: 14.628 $\pm$ 0.155 χ^2 /NDF: 9516.9/63

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.628 ± 0.214 $\chi^2/\text{NDF}: 132.2/15$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.920 ± 0.217 $\chi^2/\text{NDF}: 325.5/14$

Left: 9.772 ± 0.152 $\chi^2/\text{NDF}: 458.7/30$

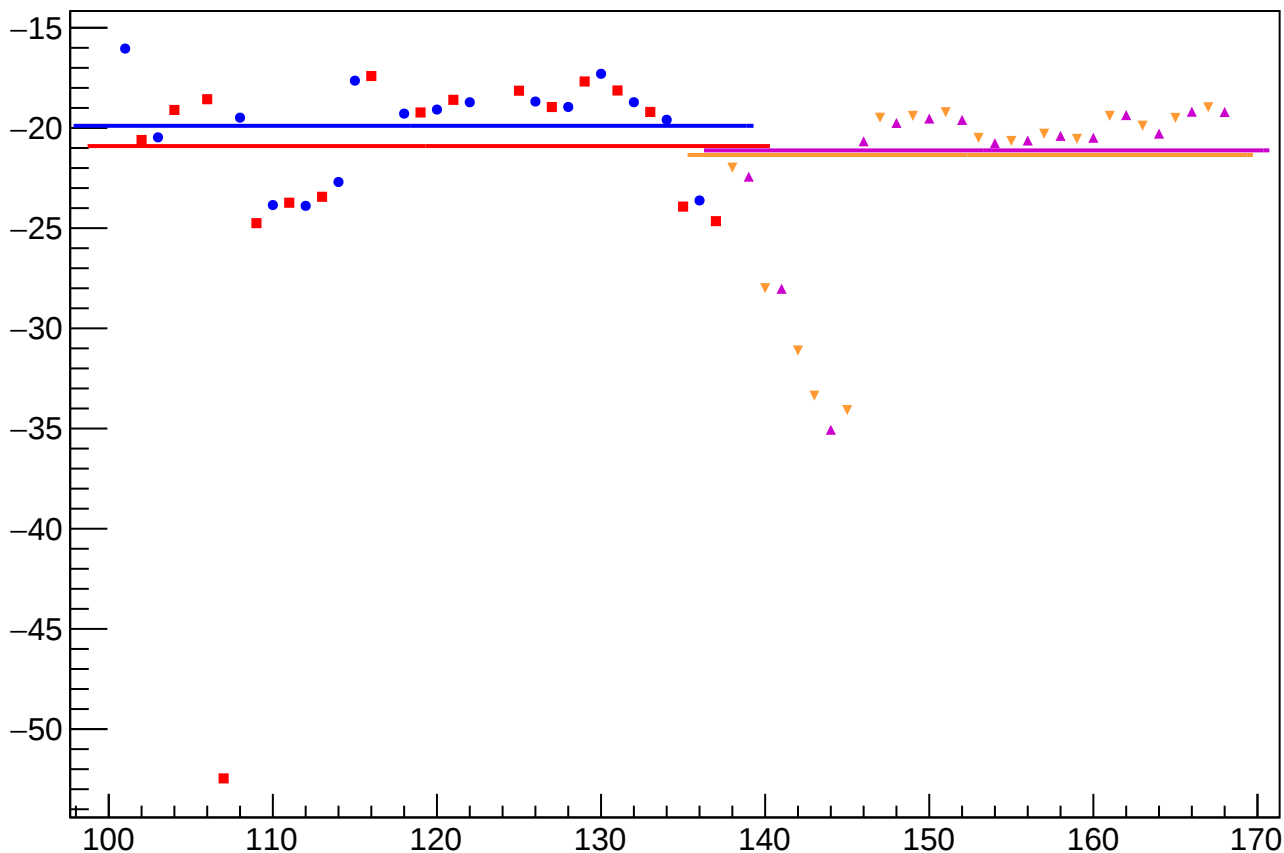
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 7.746 ± 0.164 $\chi^2/\text{NDF}: 1113.6/30$

Out: 7.257 ± 0.165 $\chi^2/\text{NDF}: 997.3/32$

All: 7.503 ± 0.116 $\chi^2/\text{NDF}: 2115.3/63$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -21.348 ± 0.010 χ^2/NDF : 140041.8/15

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -21.118 ± 0.010 χ^2/NDF : 104456.5/14

Left: -21.231 ± 0.007 χ^2/NDF : 244751.0/30

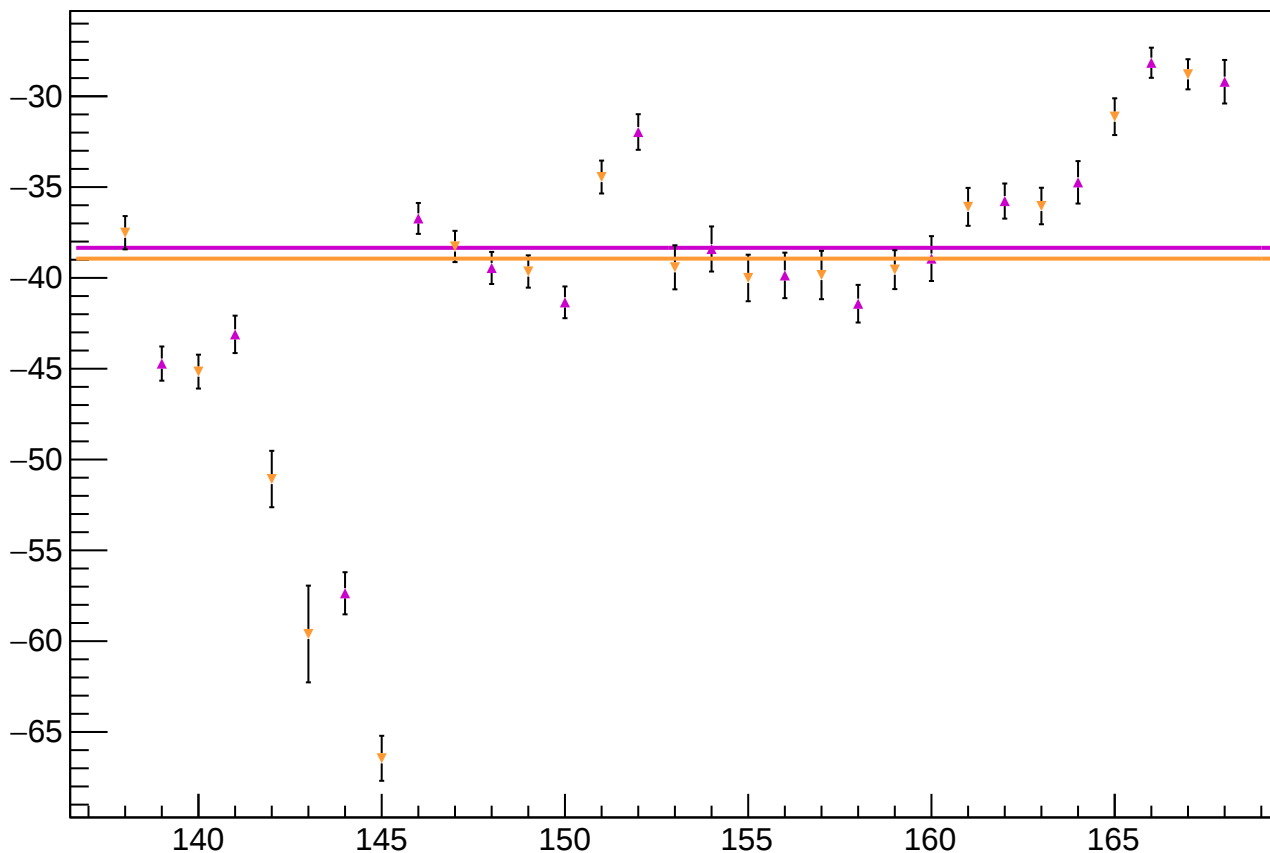
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -20.753 ± 0.009 χ^2/NDF : 134892.2/30

Out: -21.215 ± 0.009 χ^2/NDF : 233402.8/32

All: -20.981 ± 0.006 χ^2/NDF : 369748.9/63

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



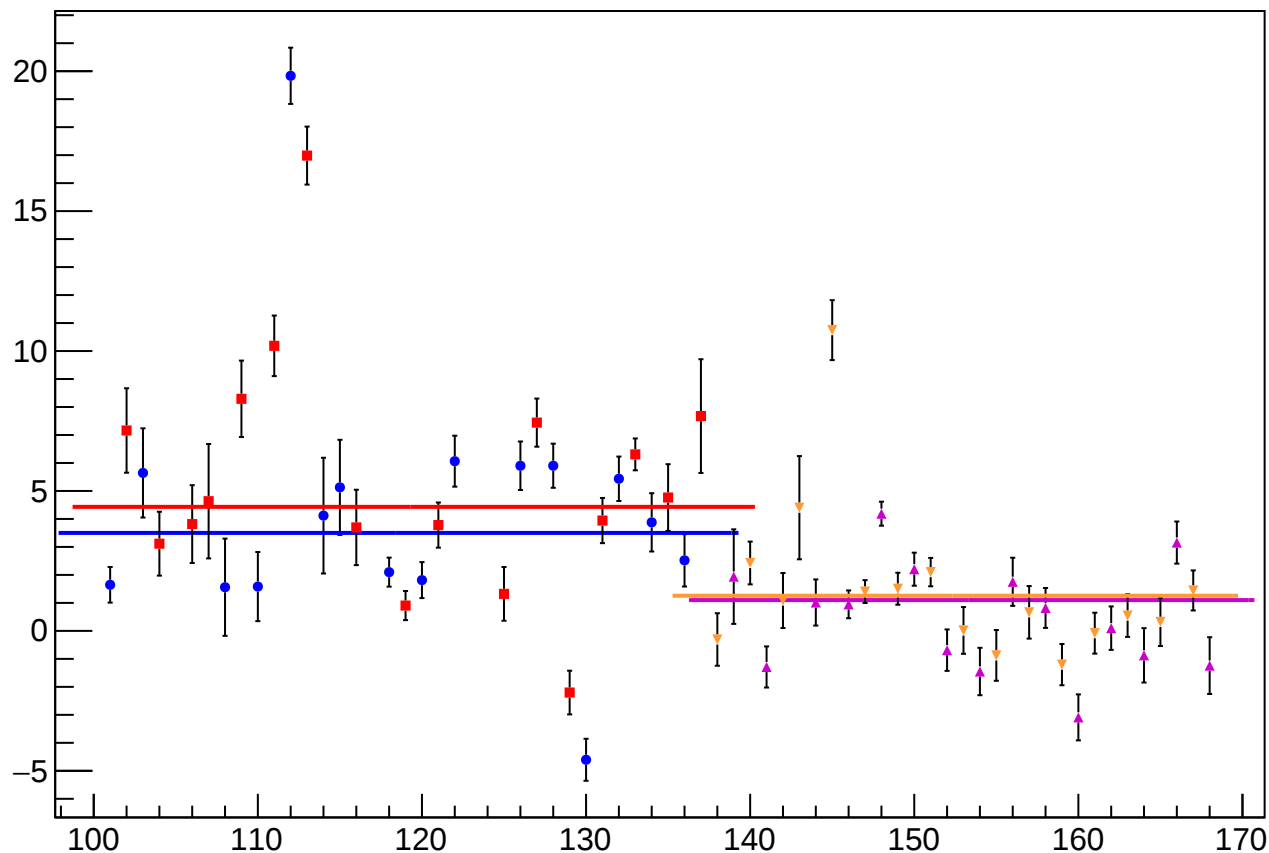
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.939+/-0.263 χ^2/NDF : 913.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.345+/-0.261 χ^2/NDF : 631.5/14

Left: -38.640+/-0.185 χ^2/NDF : 1547.9/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.345+/-0.261 χ^2/NDF : 631.5/14
 Out: -38.939+/-0.263 χ^2/NDF : 913.9/15

All: -38.640+/-0.185 χ^2/NDF : 1547.9/30

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.257 $\pm$ 0.181 χ^2 /NDF:114.5/15

Right Out: 4.432 $\pm$ 0.225 χ^2 /NDF: 343.6/16

Left In: 1.100 $\pm$ 0.184 χ^2 /NDF:126.5/14

Left: 1.180 $\pm$ 0.129 χ^2 /NDF: 241.4/30

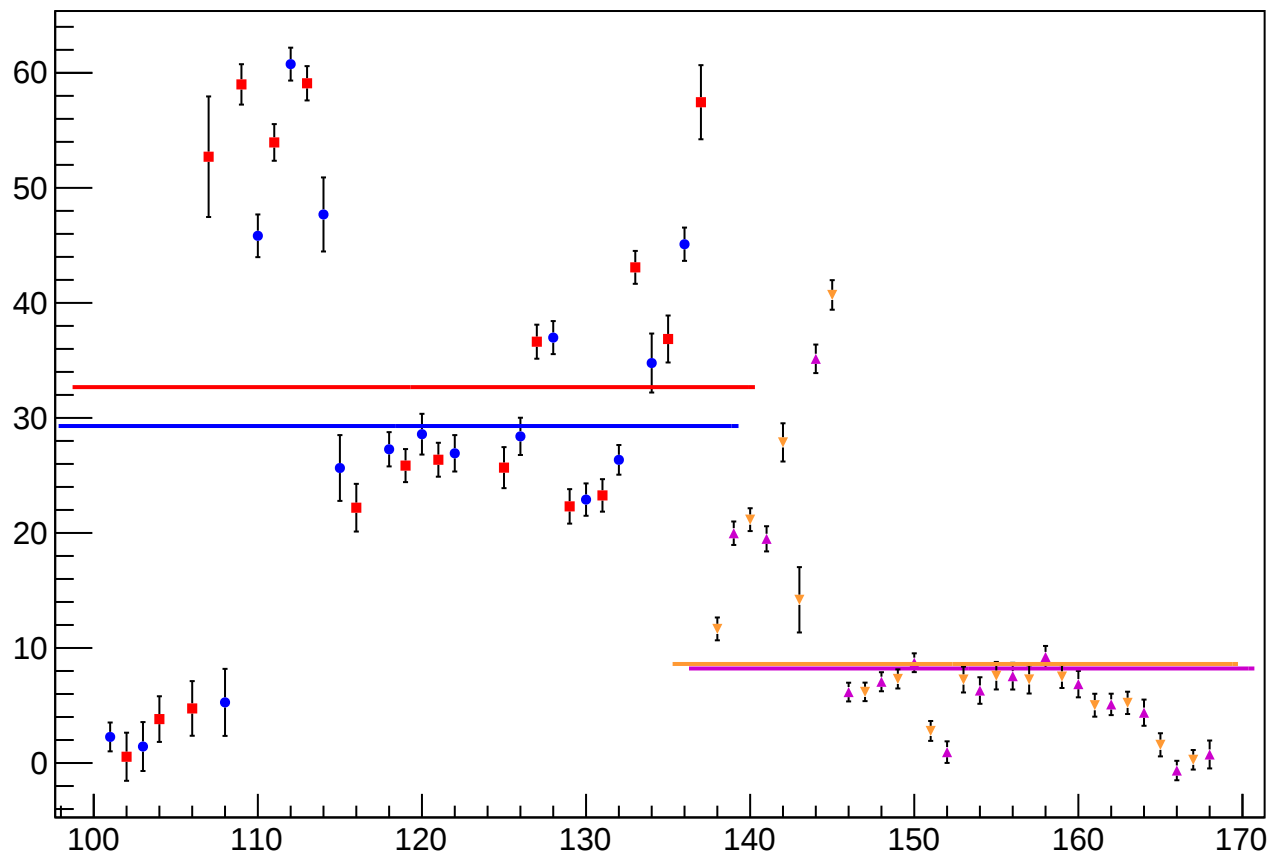
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.102 $\pm$ 0.141 χ^2 /NDF:639.4/30

Out: 2.503 $\pm$ 0.141 χ^2 /NDF:578.9/32

All: 2.302 $\pm$ 0.100 χ^2 /NDF: 1222.3/63

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: 8.610 $\pm$ 0.258 χ^2 /NDF:1161.7/15

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 8.217 $\pm$ 0.255 χ^2 /NDF:955.1/14

Left: 8.411 $\pm$ 0.181 χ^2 /NDF: 2118.0/30

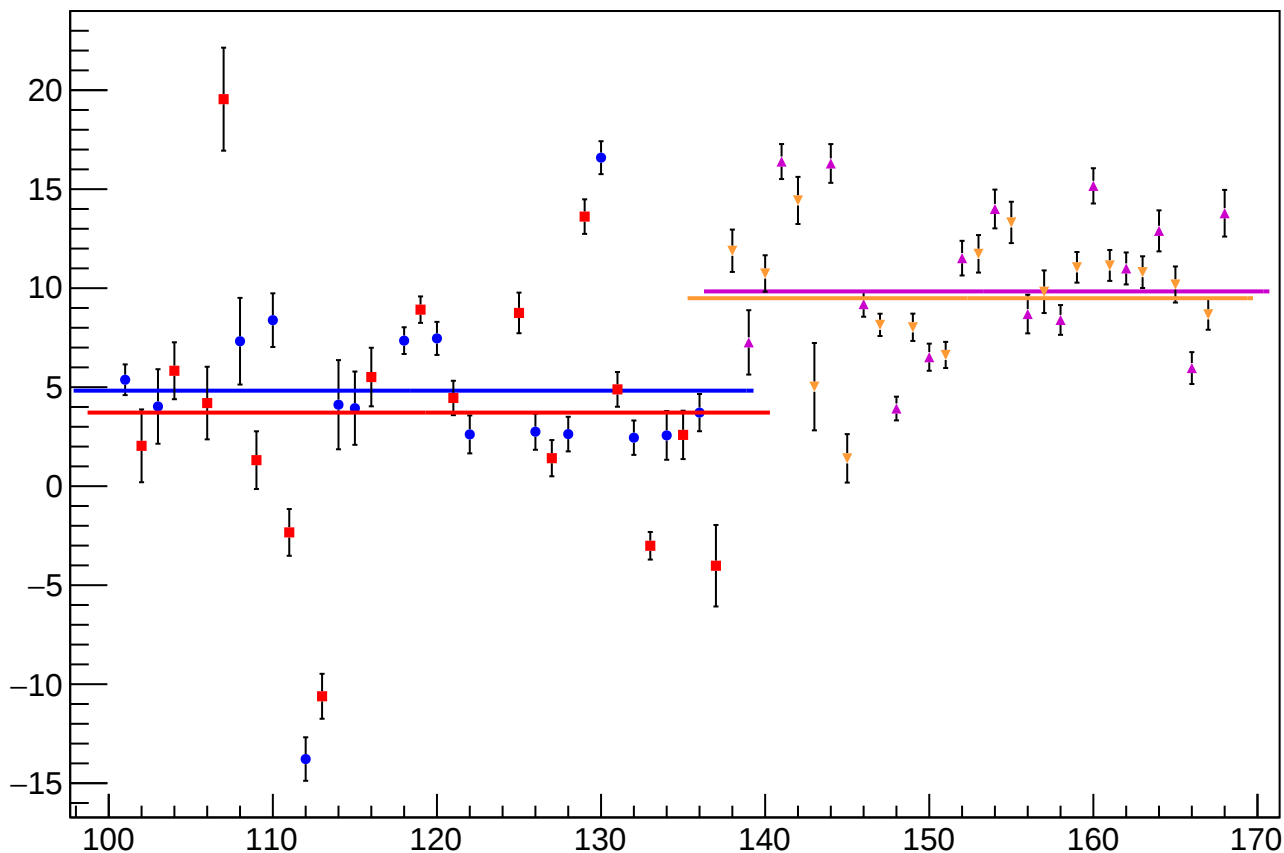
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 13.945 $\pm$ 0.218 χ^2 /NDF:4299.2/30

Out: 15.119 $\pm$ 0.220 χ^2 /NDF:5136.4/32

All: 14.525 $\pm$ 0.155 χ^2 /NDF: 9450.1/63

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.493 ± 0.214 χ^2/NDF : 133.0/15

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.837 ± 0.217 χ^2/NDF : 330.8/14

Left: 9.663 ± 0.152 χ^2/NDF : 465.1/30

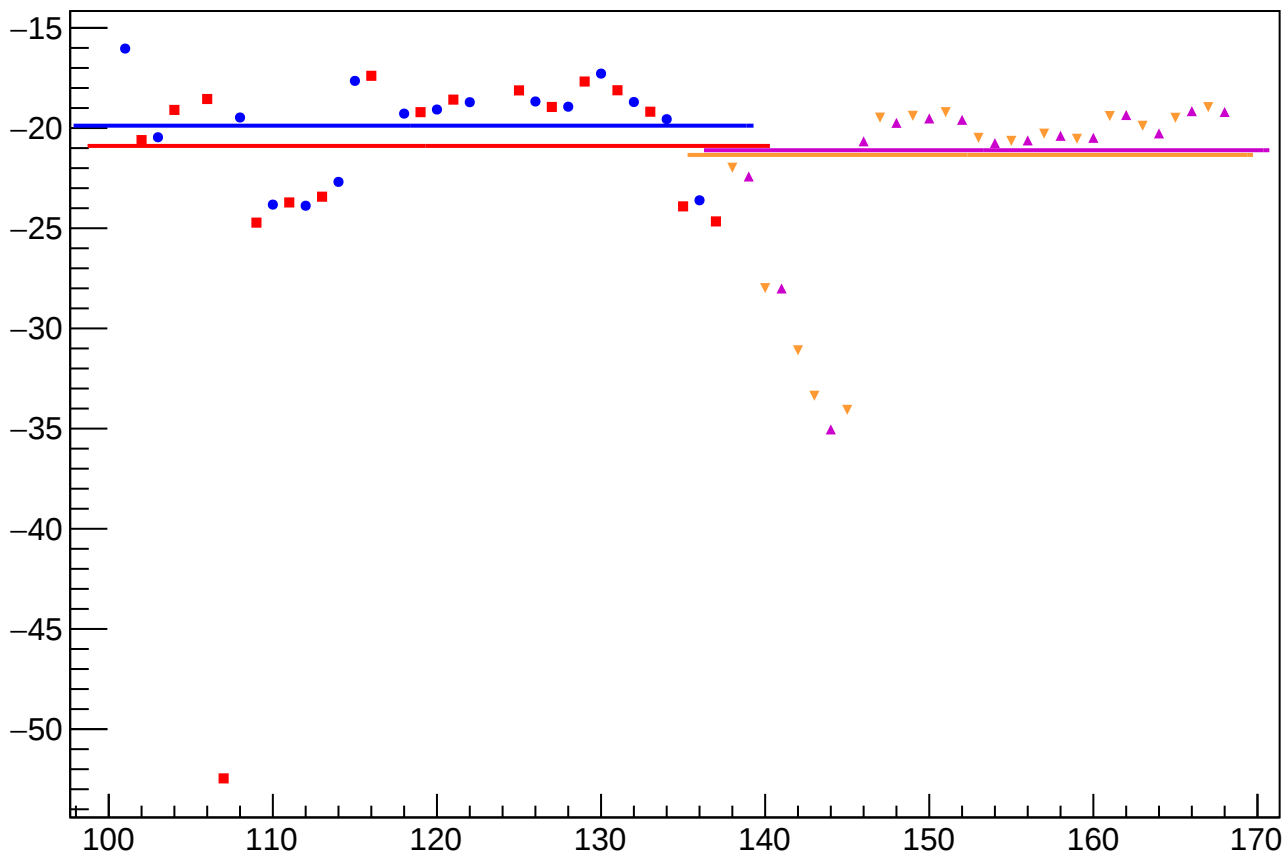
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.698 ± 0.164 χ^2/NDF : 1107.8/30

Out: 7.145 ± 0.165 χ^2/NDF : 988.7/32

All: 7.423 ± 0.116 χ^2/NDF : 2102.2/63

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -21.340 ± 0.010 $\chi^2/\text{NDF}: 140139.1/15$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -21.106 ± 0.010 $\chi^2/\text{NDF}: 104454.6/14$

Left: -21.222 ± 0.007 $\chi^2/\text{NDF}: 244855.4/30$

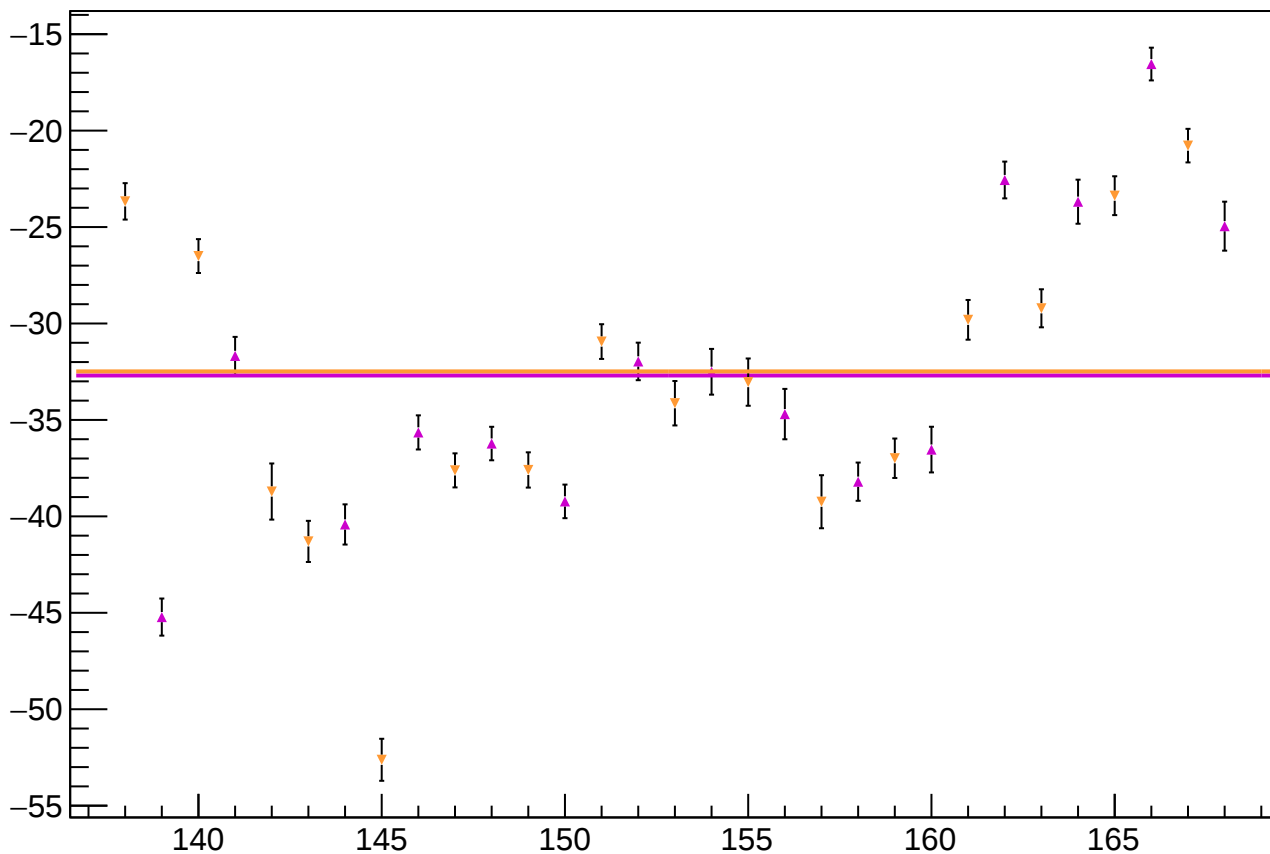
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.741 ± 0.008 $\chi^2/\text{NDF}: 134887.1/30$

Out: -21.205 ± 0.009 $\chi^2/\text{NDF}: 233624.7/32$

All: -20.970 ± 0.006 $\chi^2/\text{NDF}: 369982.7/63$

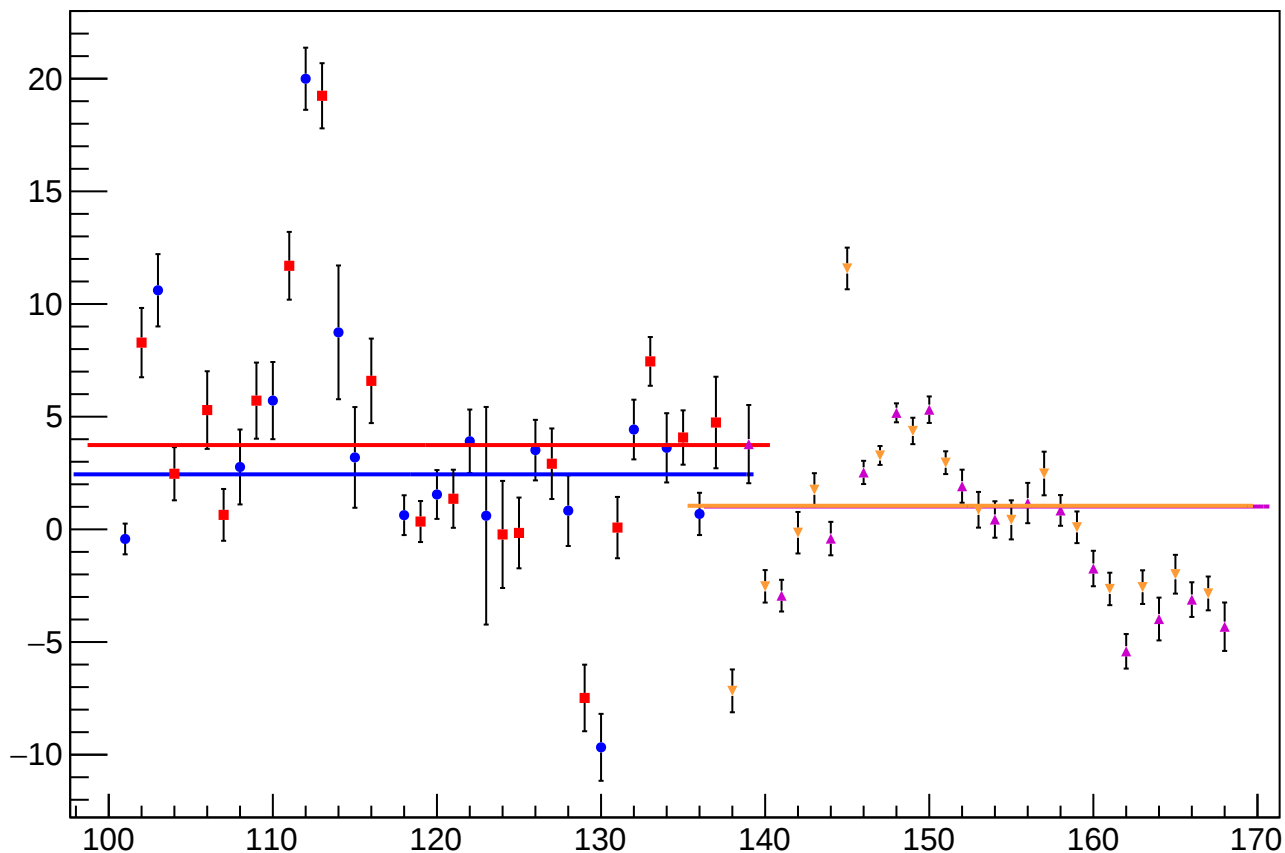
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.483+/-0.254 χ^2/NDF : 956.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.695+/-0.259 χ^2/NDF : 928.1/14

Left: -32.587+/-0.181 χ^2/NDF : 1884.7/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.695+/-0.259 χ^2/NDF : 928.1/14
 Out: -32.483+/-0.254 χ^2/NDF : 956.2/15
 All: -32.587+/-0.181 χ^2/NDF : 1884.7/30

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 1.047 ± 0.175 $\chi^2/\text{NDF}: 400.2/15$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 1.013 ± 0.182 $\chi^2/\text{NDF}: 363.1/14$

Left: 1.031 ± 0.126 $\chi^2/\text{NDF}: 763.3/30$

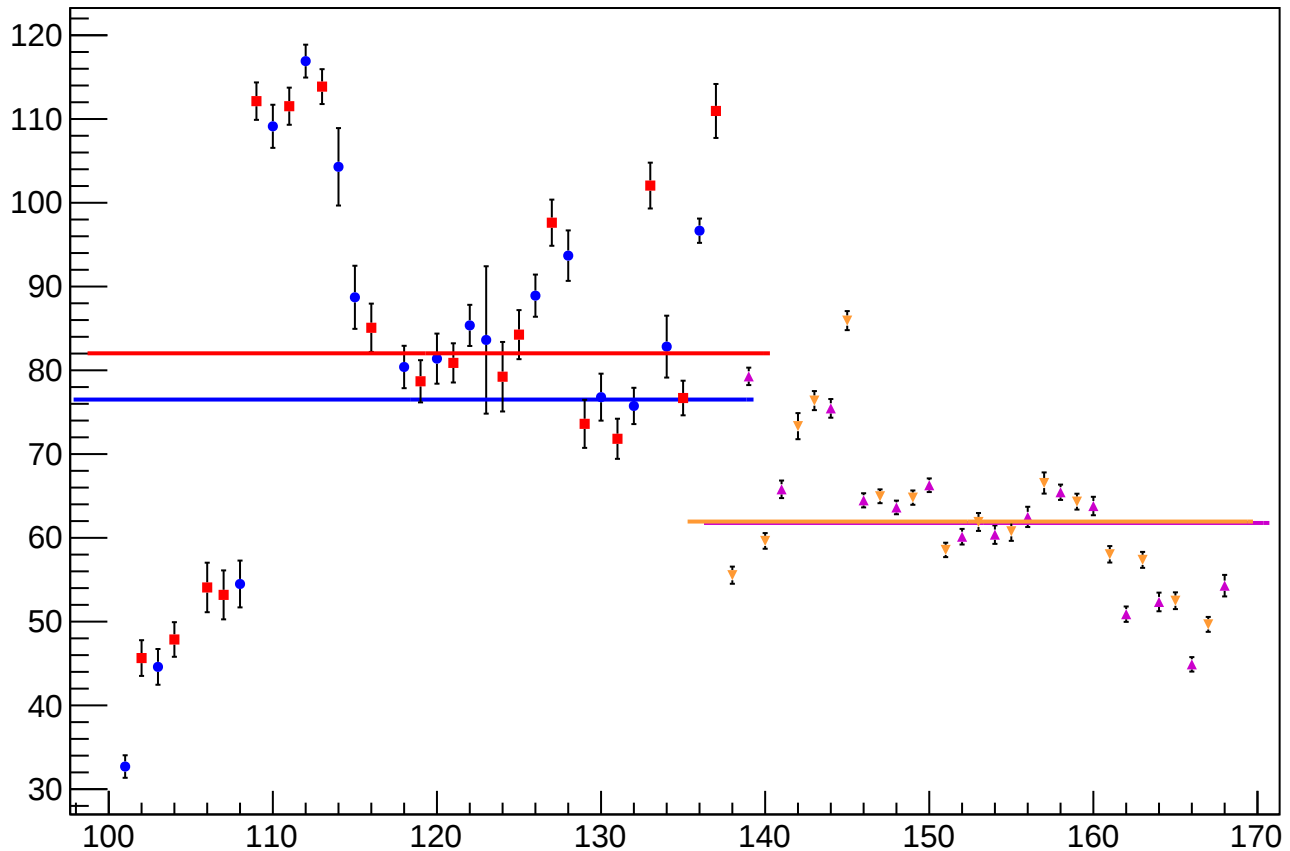
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 1.376 ± 0.157 $\chi^2/\text{NDF}: 673.5/31$

Out: 1.648 ± 0.154 $\chi^2/\text{NDF}: 721.1/33$

All: 1.514 ± 0.110 $\chi^2/\text{NDF}: 1396.1/65$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2 /NDF: 2250.9/16

Left Out: 61.945+/-0.250 χ^2 /NDF:1083.2/15

Right Out: 82.029+/-0.593 χ^2 /NDF: 1548.0/17

Left In: 61.776+/-0.253 χ^2 /NDF:1146.2/14

Left: 61.862+/-0.178 χ^2 /NDF: 2229.6/30

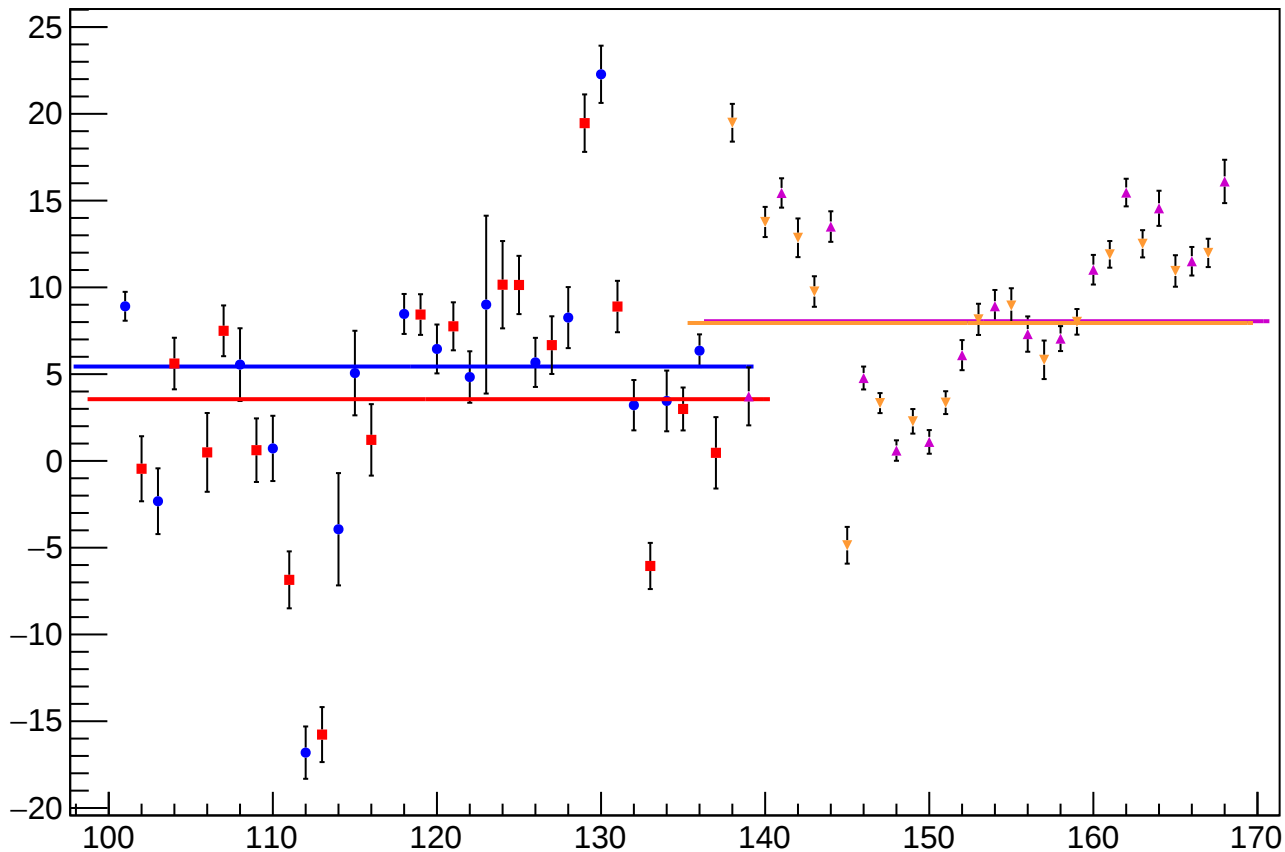
Right: 79.182+/-0.412 χ^2 /NDF: 3843.6/34

In: 64.166+/-0.231 χ^2 /NDF:3948.7/31

Out: 64.976+/-0.230 χ^2 /NDF:3606.5/33

All: 64.573+/-0.163 χ^2 /NDF: 7561.3/65

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 7.948 $\pm$ 0.207 χ^2 /NDF:604.5/15

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 8.050 $\pm$ 0.214 χ^2 /NDF:617.7/14

Left: 7.997 $\pm$ 0.149 χ^2 /NDF: 1222.3/30

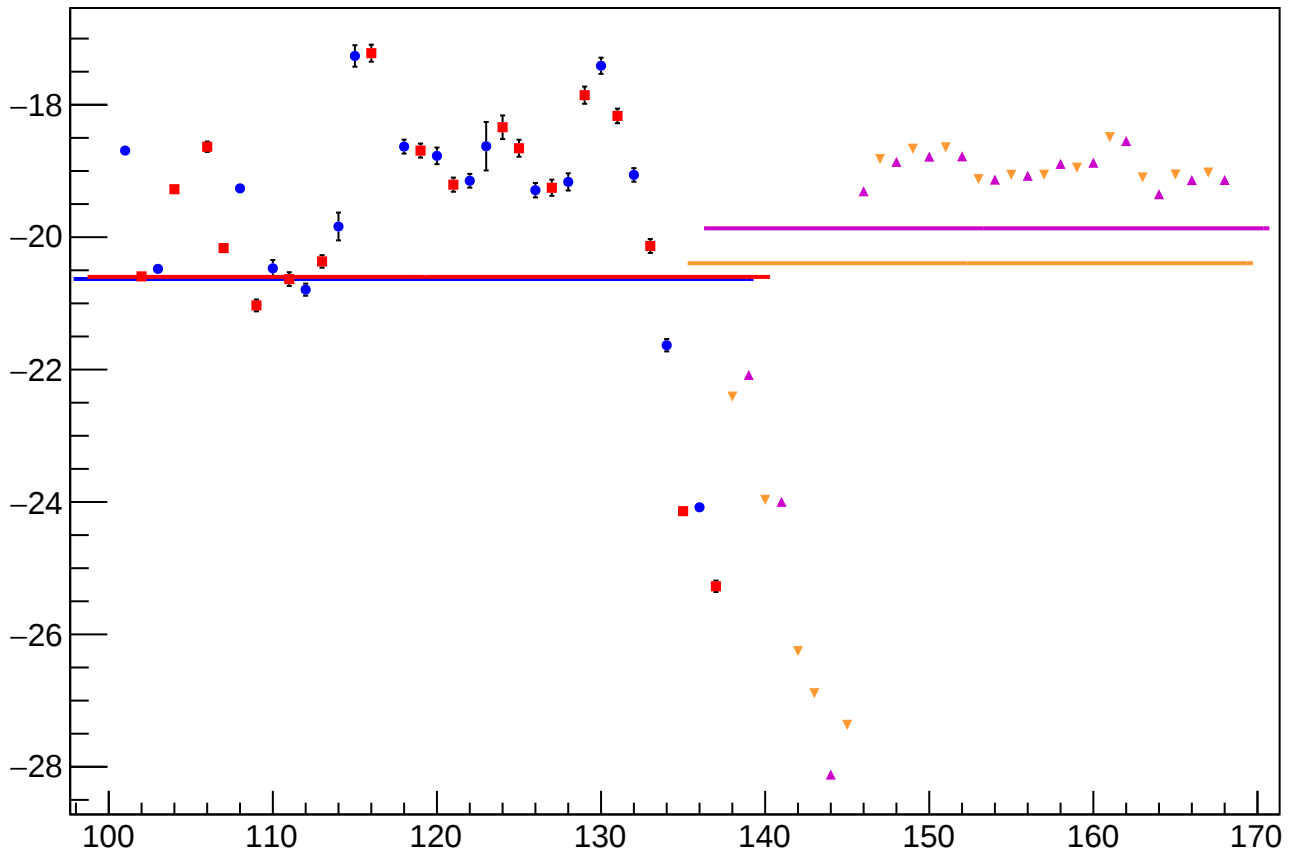
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 7.361 $\pm$ 0.184 χ^2 /NDF:1043.1/31

Out: 6.925 $\pm$ 0.181 χ^2 /NDF:1130.1/33

All: 7.140 $\pm$ 0.129 χ^2 /NDF: 2176.0/65

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.393 ± 0.010 $\chi^2/\text{NDF}: 80503.6/15$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.866 ± 0.010 $\chi^2/\text{NDF}: 48892.2/14$

Left: -20.132 ± 0.007 $\chi^2/\text{NDF}: 130779.3/30$

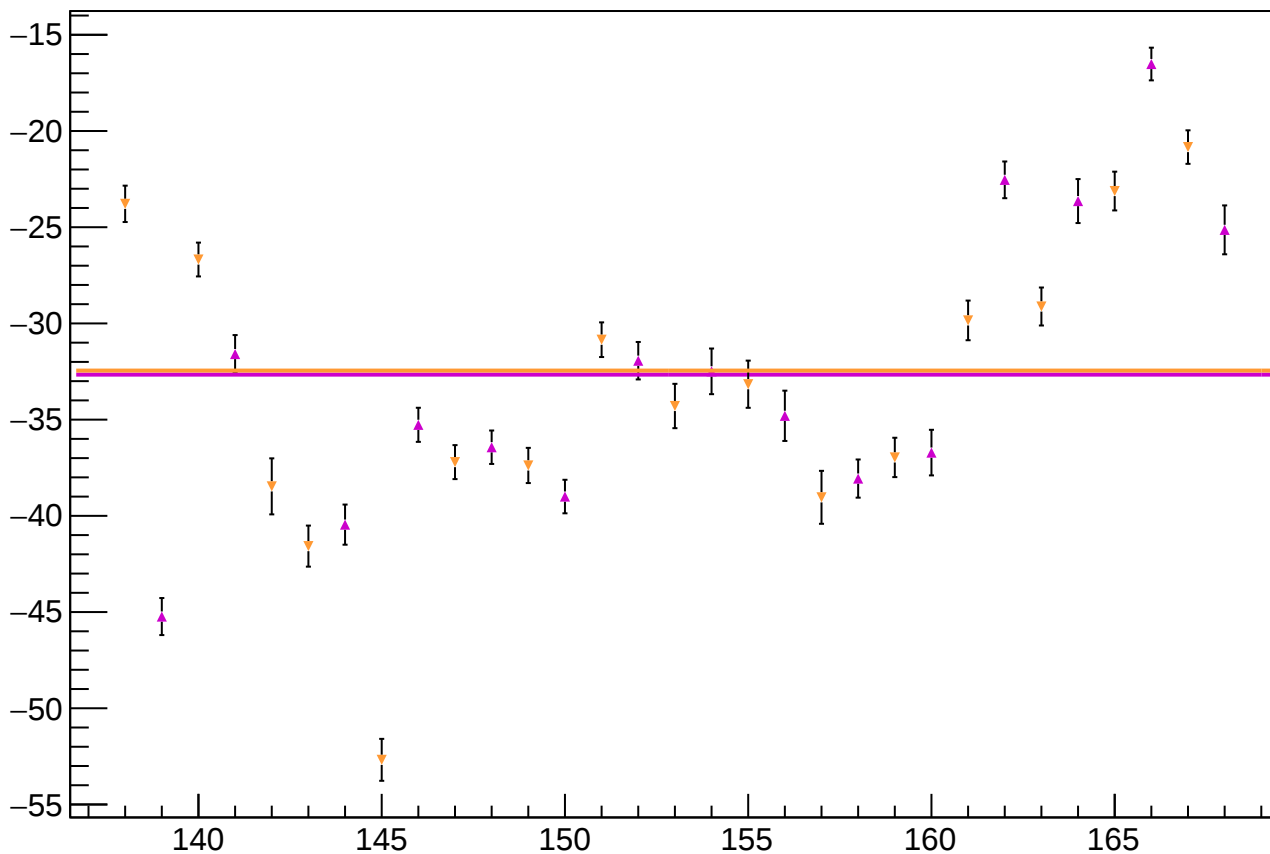
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -20.030 ± 0.009 $\chi^2/\text{NDF}: 62630.3/31$

Out: -20.436 ± 0.009 $\chi^2/\text{NDF}: 92567.3/33$

All: -20.234 ± 0.006 $\chi^2/\text{NDF}: 156240.5/65$

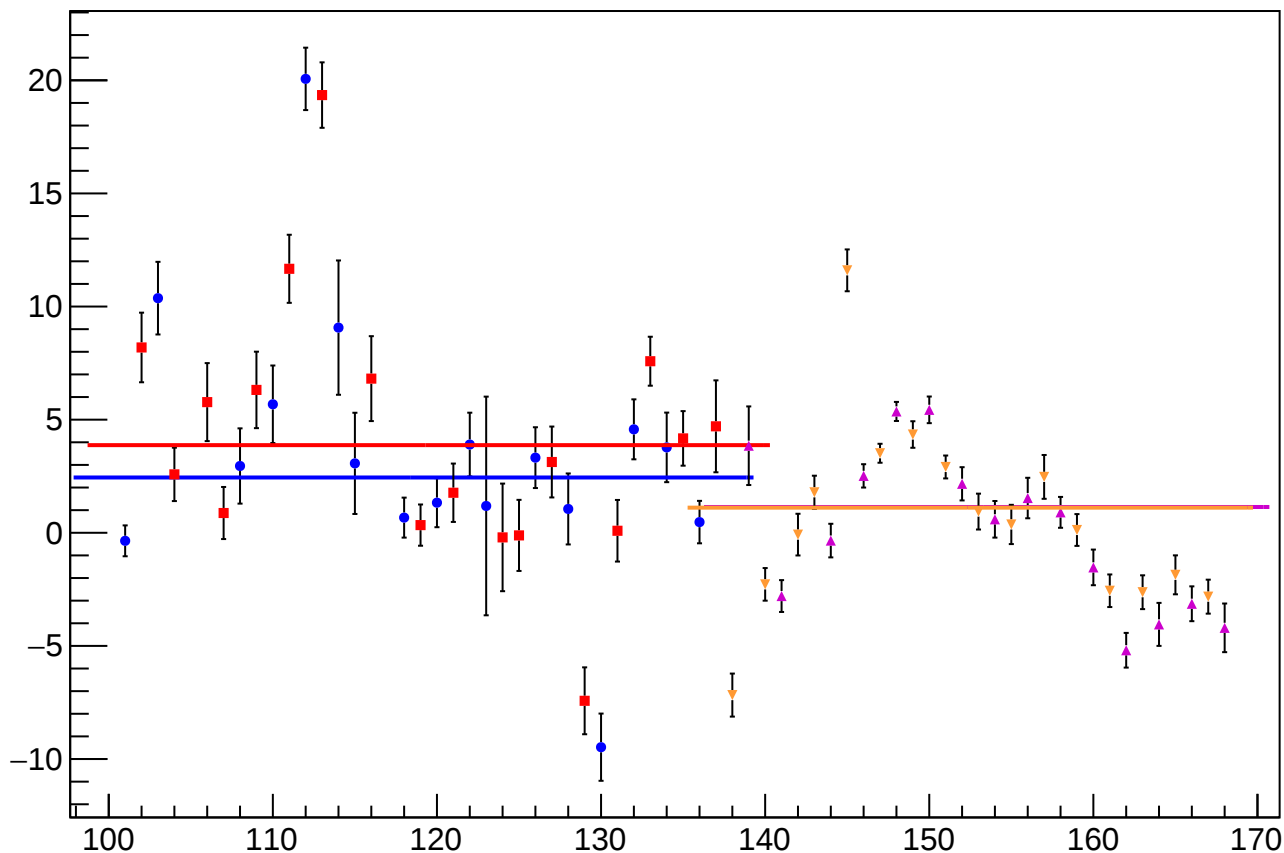
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.450+/-0.254 χ^2/NDF : 949.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.660+/-0.259 χ^2/NDF : 923.7/14

Left: -32.553+/-0.181 χ^2/NDF : 1873.9/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.660+/-0.259 χ^2/NDF : 923.7/14
 Out: -32.450+/-0.254 χ^2/NDF : 949.9/15
 All: -32.553+/-0.181 χ^2/NDF : 1873.9/30

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 1.111 ± 0.175 χ^2/NDF : 400.3/15

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 1.140 ± 0.182 χ^2/NDF : 366.3/14

Left: 1.125 ± 0.126 χ^2/NDF : 766.6/30

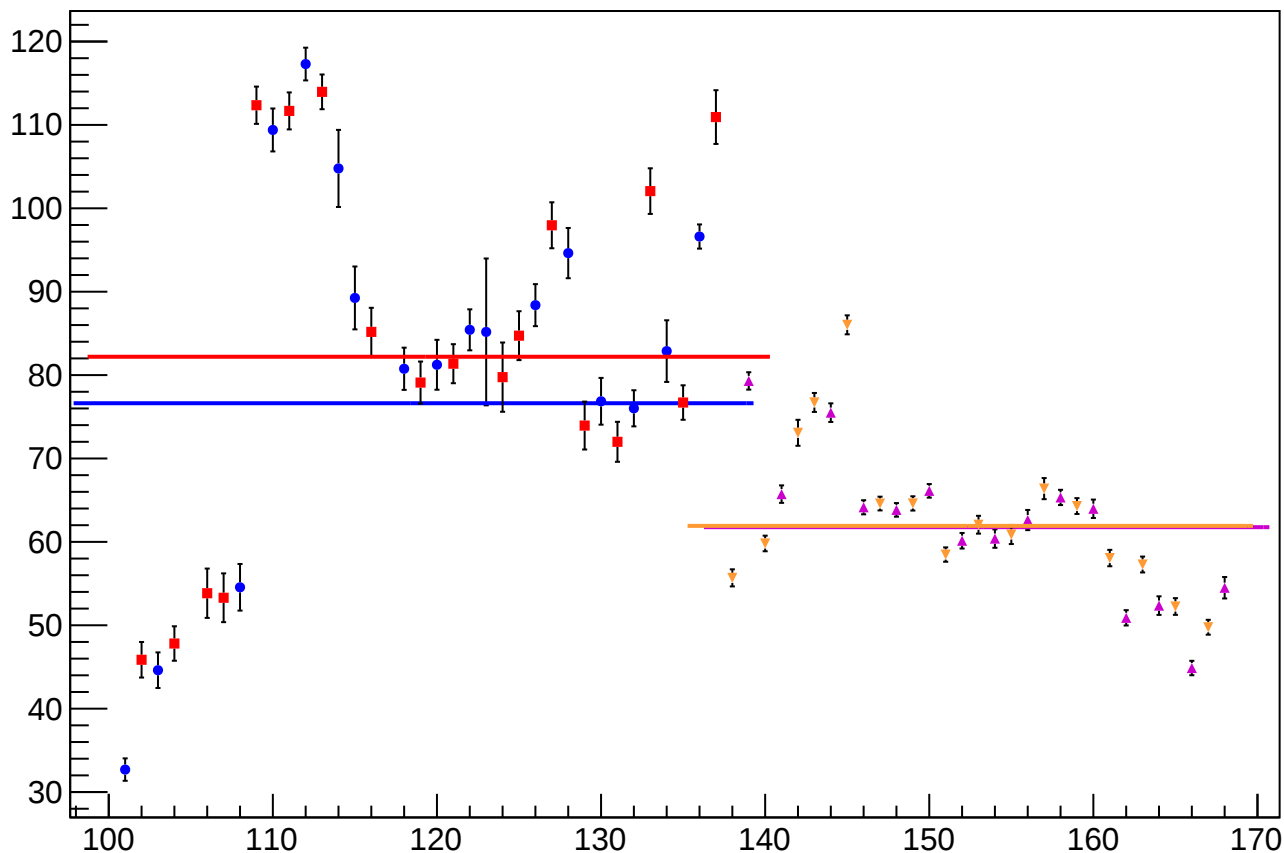
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.472 ± 0.157 χ^2/NDF : 672.1/31

Out: 1.727 ± 0.154 χ^2/NDF : 724.1/33

All: 1.602 ± 0.110 χ^2/NDF : 1397.5/65

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: 61.919 $\pm$ 0.250 χ^2 /NDF:1085.6/15

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 61.764 $\pm$ 0.253 χ^2 /NDF:1141.1/14

Left: 61.842 $\pm$ 0.178 χ^2 /NDF: 2226.8/30

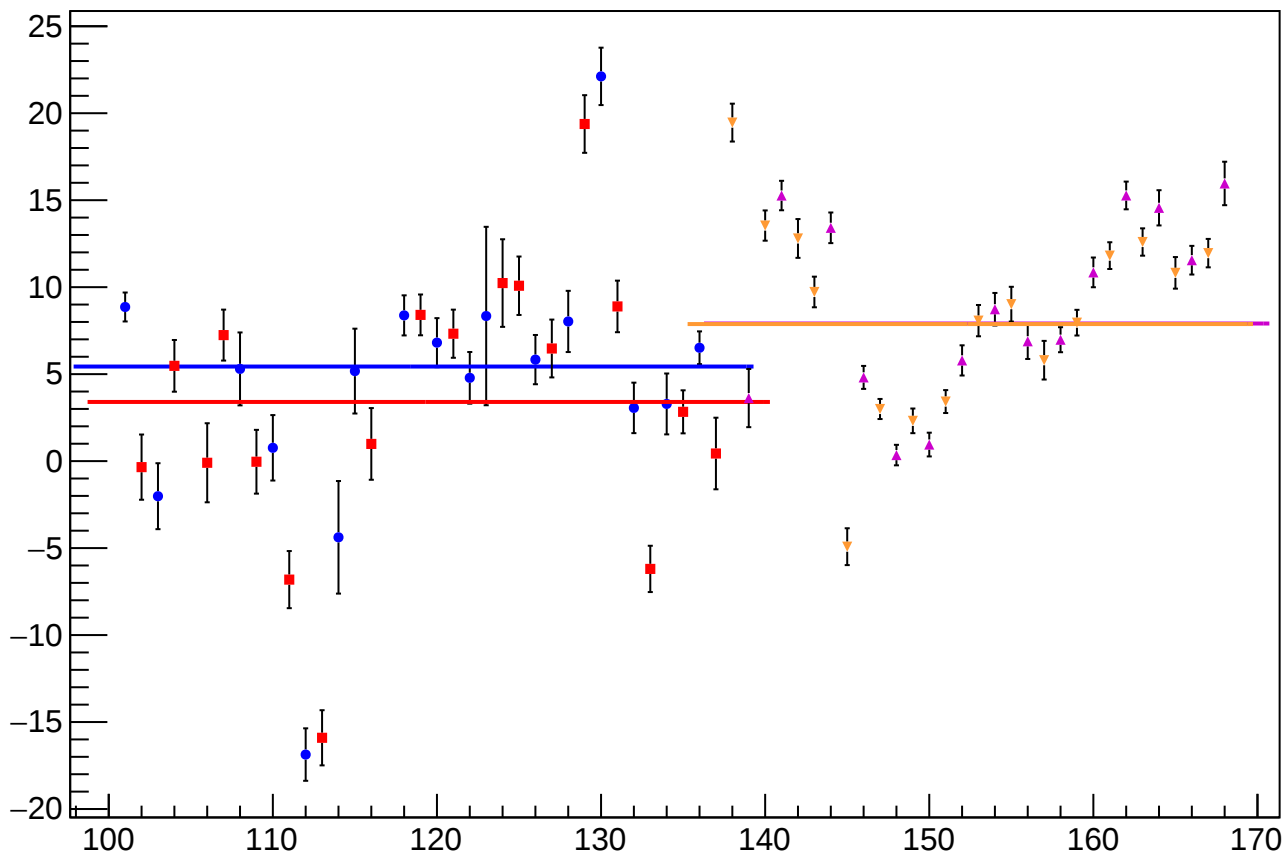
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 64.176 $\pm$ 0.231 χ^2 /NDF:3964.6/31

Out: 64.979 $\pm$ 0.230 χ^2 /NDF:3629.3/33

All: 64.579 $\pm$ 0.163 χ^2 /NDF: 7599.9/65

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 7.879 ± 0.207 χ^2/NDF : 607.0/15

Right Out: 3.401 ± 0.375 χ^2/NDF : 420.9/17

Left In: 7.910 ± 0.214 χ^2/NDF : 622.5/14

Left: 7.894 ± 0.149 χ^2/NDF : 1229.5/30

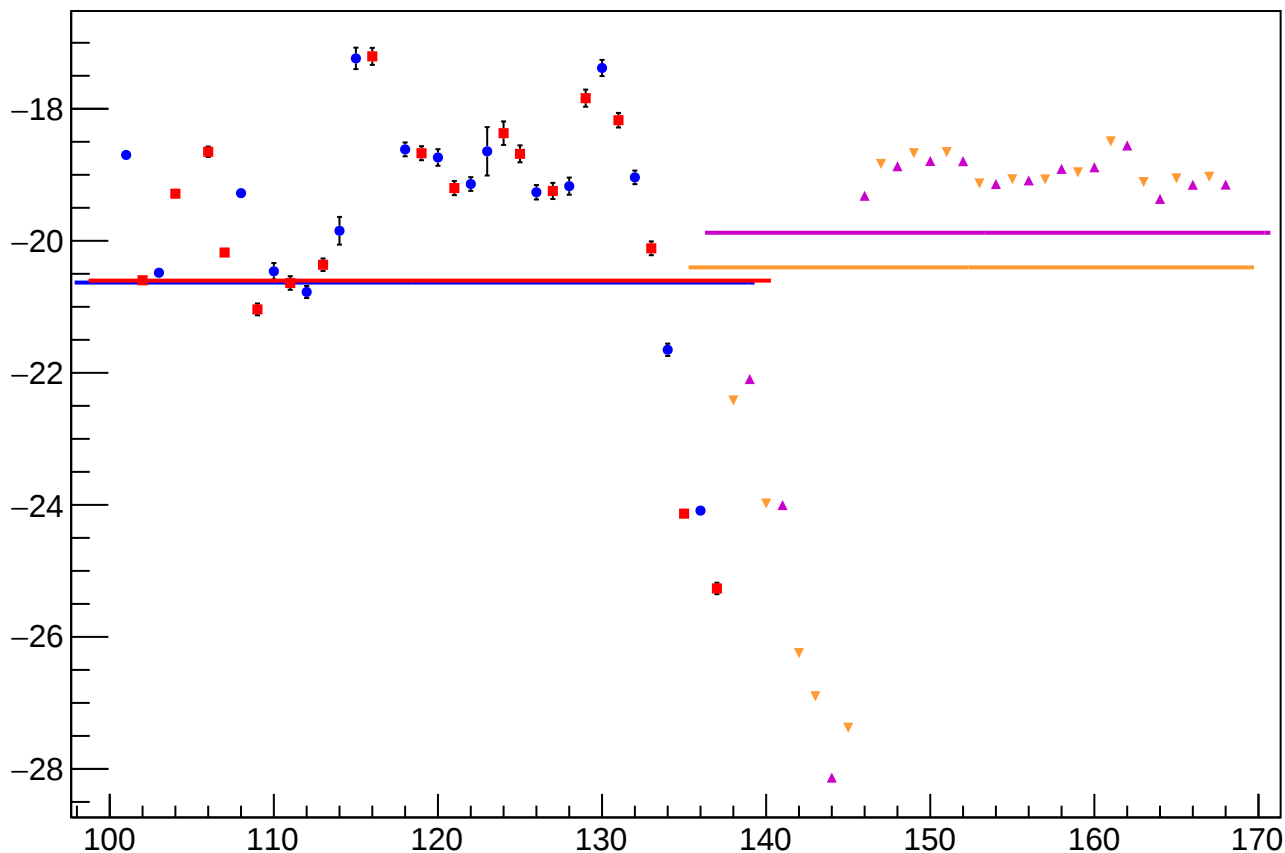
Right: 4.467 ± 0.259 χ^2/NDF : 820.8/34

In: 7.257 ± 0.184 χ^2/NDF : 1042.1/31

Out: 6.836 ± 0.181 χ^2/NDF : 1137.0/33

All: 7.043 ± 0.129 χ^2/NDF : 2181.7/65

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -20.402 $\pm$ 0.010 χ^2 /NDF: 80376.4/15

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -19.878 $\pm$ 0.010 χ^2 /NDF: 48818.8/14

Left: -20.142 $\pm$ 0.007 χ^2 /NDF: 130567.2/30

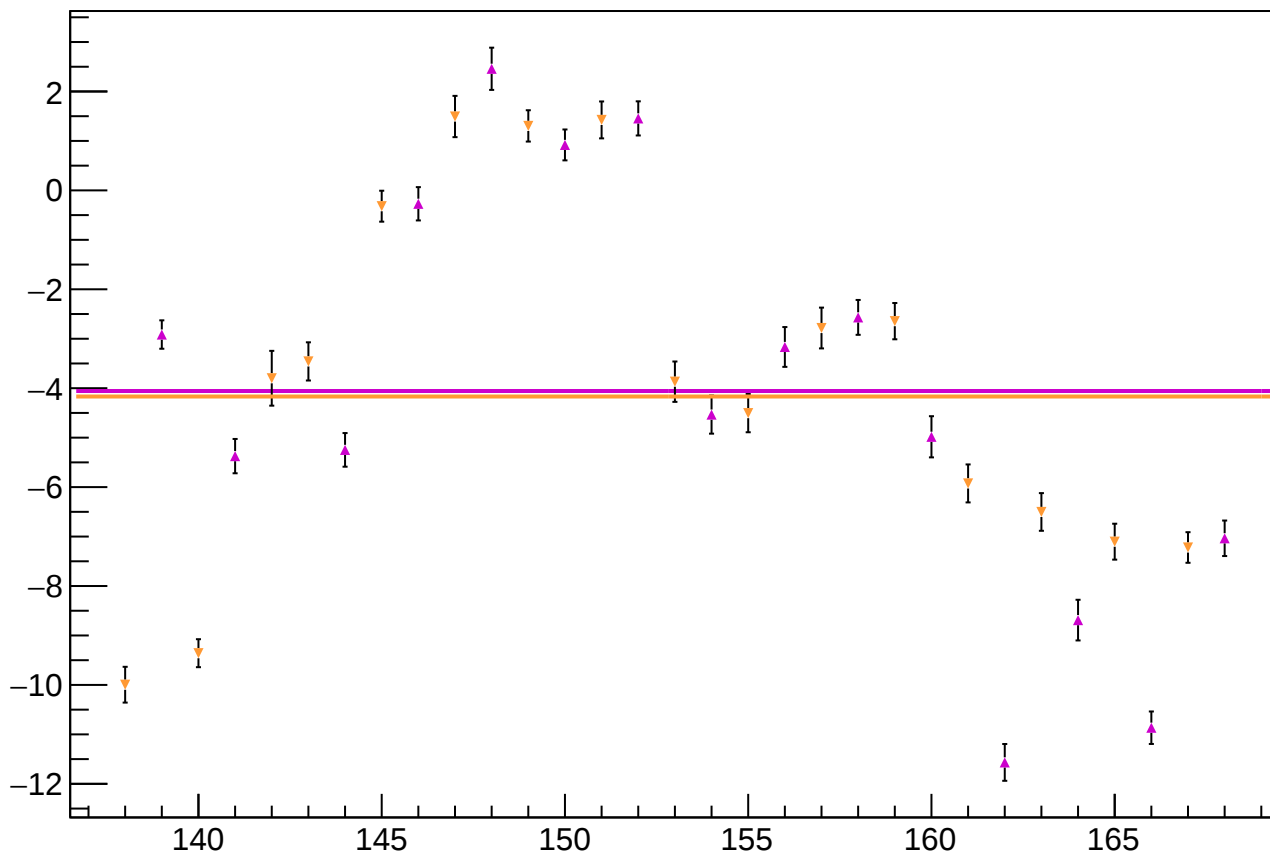
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -20.039 $\pm$ 0.009 χ^2 /NDF: 62563.6/31

Out: -20.444 $\pm$ 0.009 χ^2 /NDF: 92386.4/33

All: -20.243 $\pm$ 0.006 χ^2 /NDF: 155986.4/65

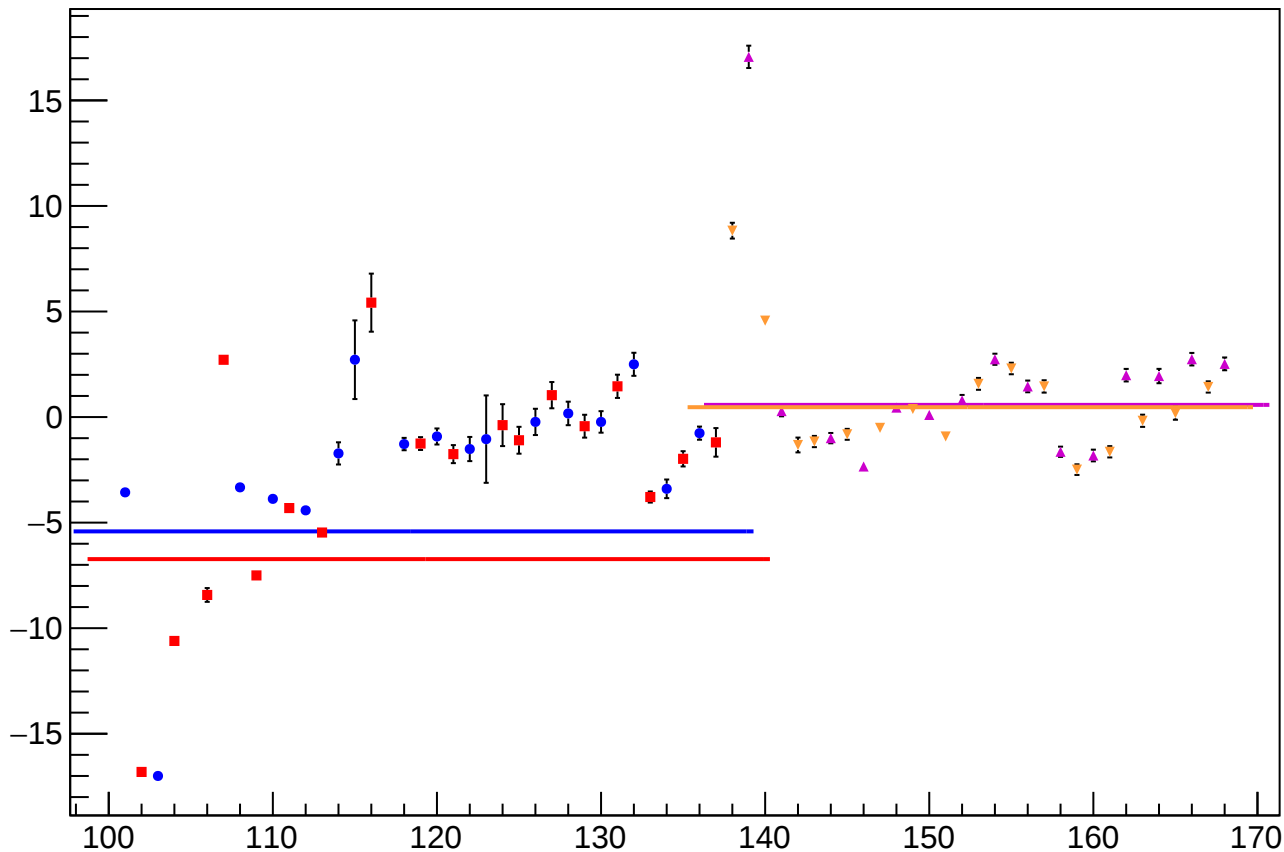
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.168+/-0.091 χ^2/NDF :1709.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.057+/-0.092 χ^2/NDF :1972.9/14

Left: -4.113+/-0.065 χ^2/NDF : 3682.8/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.057+/-0.092 χ^2/NDF :1972.9/14
 Out: -4.168+/-0.091 χ^2/NDF :1709.2/15
 All: -4.113+/-0.065 χ^2/NDF : 3682.8/30

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: 0.467+/-0.065 χ^2/NDF :1243.1/15

Right Out: -6.729+/-0.060 χ^2/NDF : 11217.0/17

Left In: 0.577+/-0.068 χ^2/NDF :1575.2/14

Left: 0.520+/-0.047 χ^2/NDF : 2819.6/30

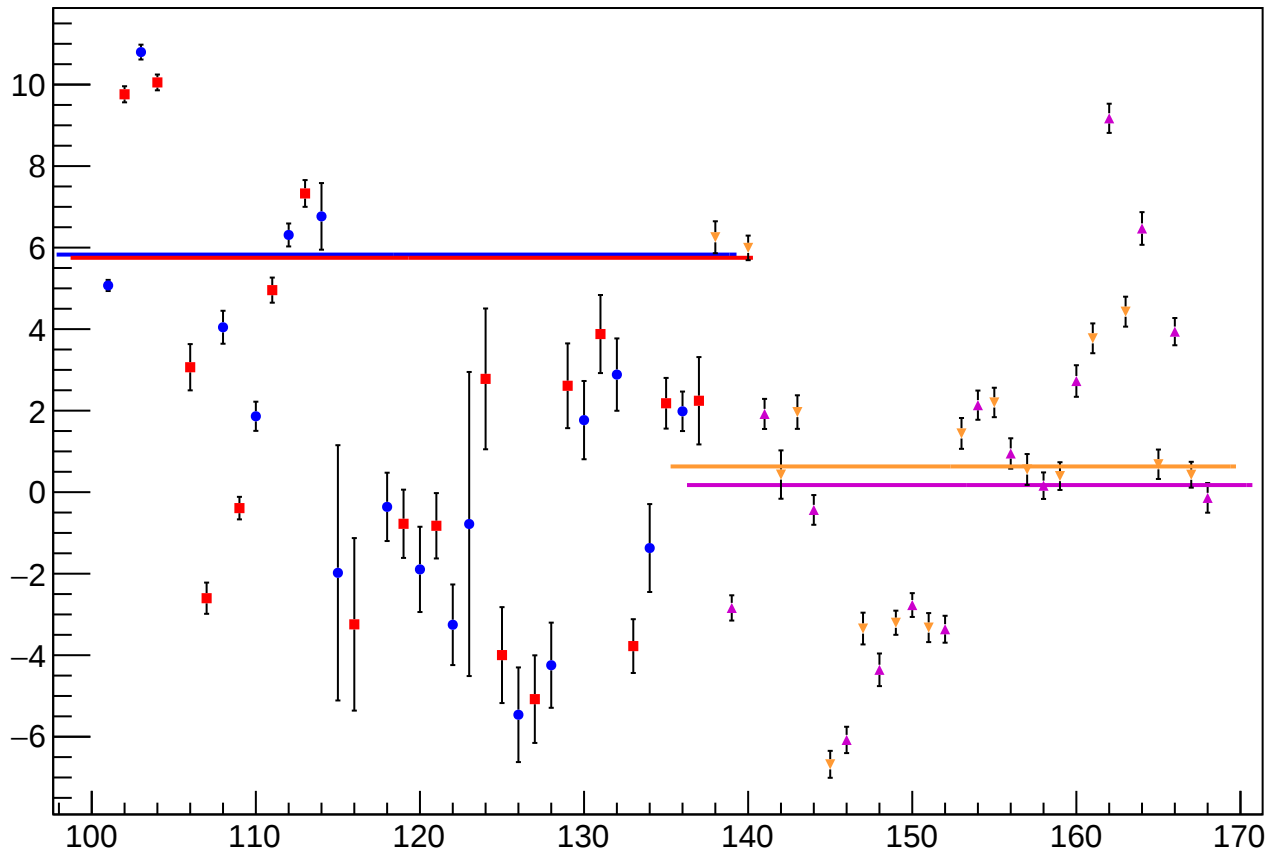
Right: -6.014+/-0.040 χ^2/NDF : 20734.4/34

In: -3.051+/-0.043 χ^2/NDF :15555.6/31

Out: -3.444+/-0.044 χ^2/NDF :19065.0/33

All: -3.241+/-0.031 χ^2/NDF : 34661.8/65

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: 0.631 ± 0.090 $\chi^2/\text{NDF}: 1621.2/15$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: 0.174 ± 0.090 $\chi^2/\text{NDF}: 1922.3/14$

Left: 0.403 ± 0.064 $\chi^2/\text{NDF}: 3556.4/30$

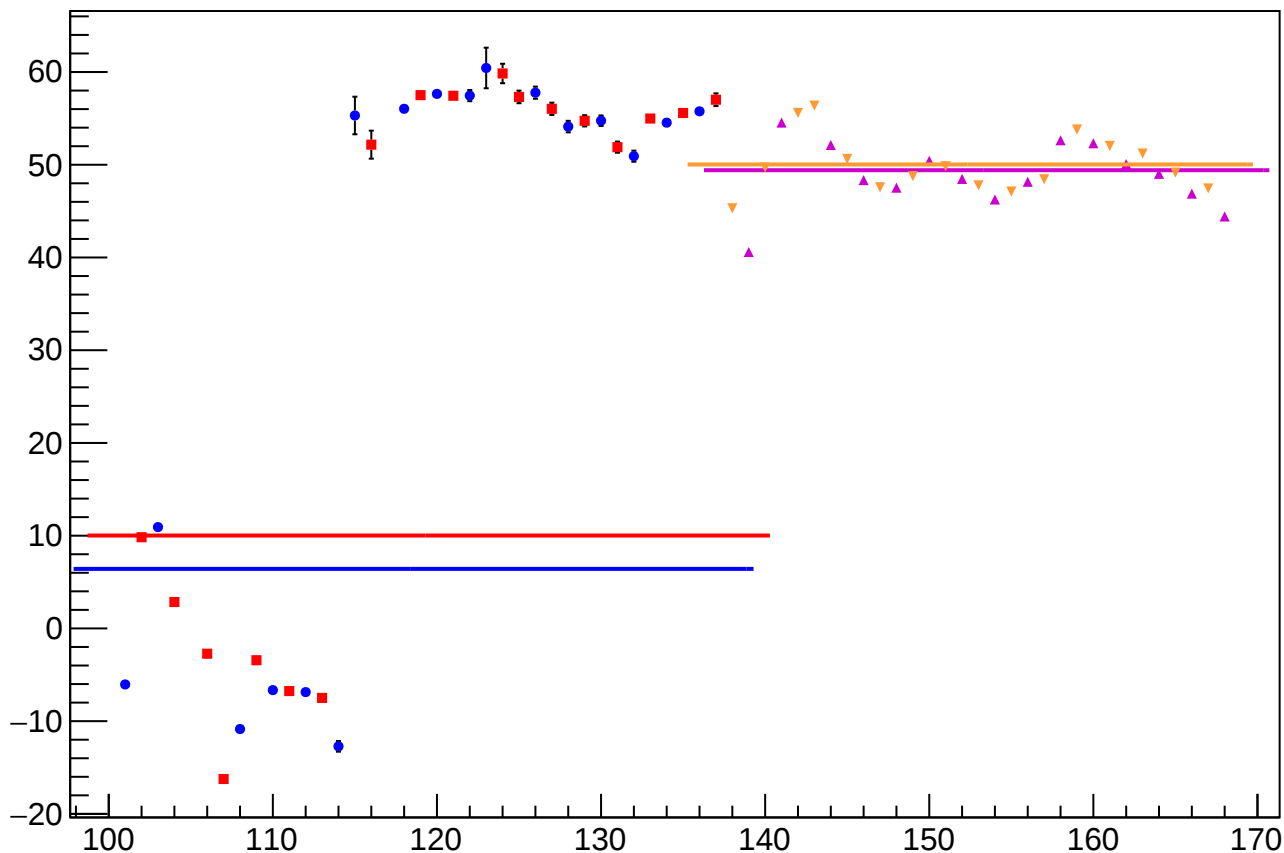
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 3.012 ± 0.063 $\chi^2/\text{NDF}: 5354.0/31$

Out: 3.014 ± 0.066 $\chi^2/\text{NDF}: 5644.9/33$

All: 3.013 ± 0.046 $\chi^2/\text{NDF}: 10999.0/65$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 50.031+/-0.076 χ^2/NDF :1311.9/15

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 49.410+/-0.078 χ^2/NDF :1412.9/14

Left: 49.730+/-0.054 χ^2/NDF : 2757.2/30

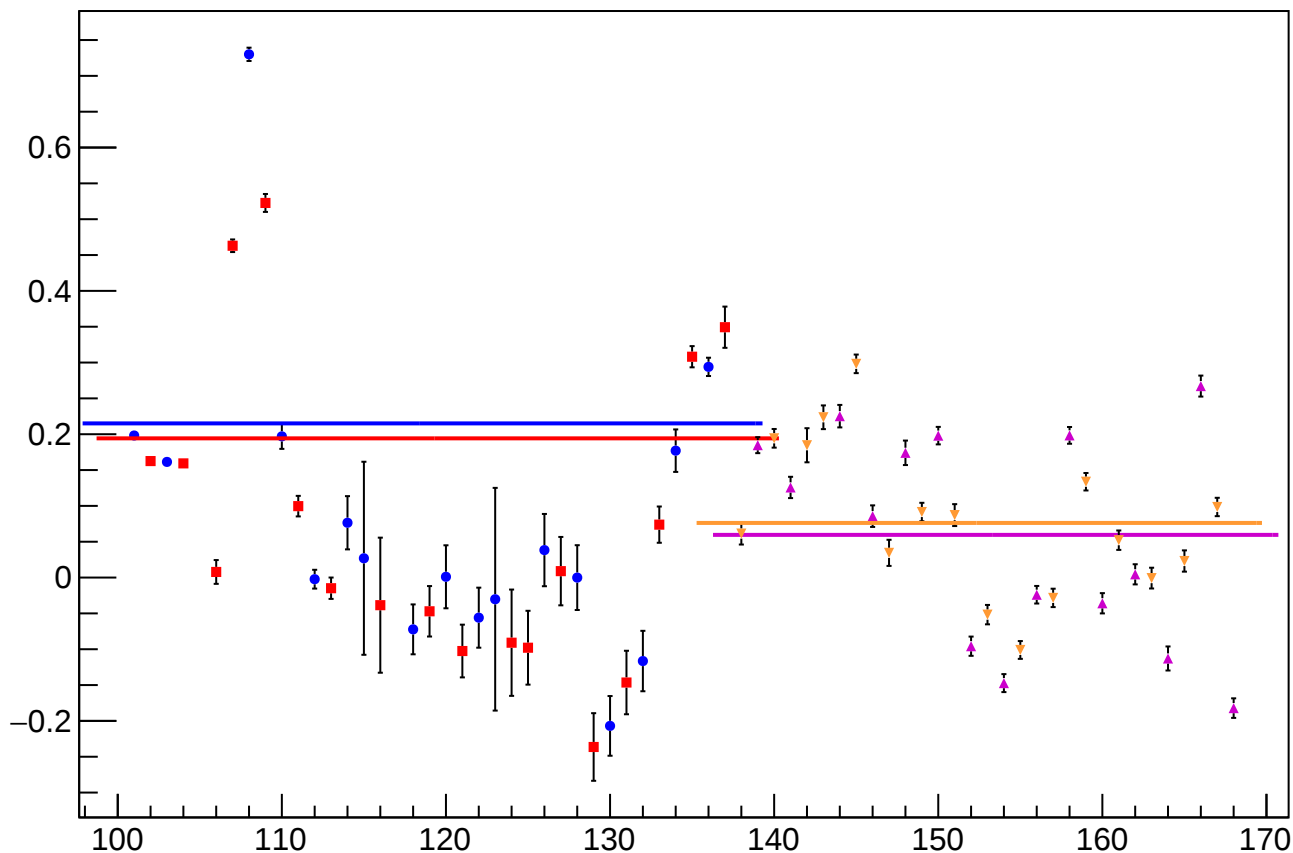
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 23.890+/-0.050 χ^2/NDF :303749.6/31

Out: 28.636+/-0.052 χ^2/NDF :272325.0/33

All: 26.177+/-0.036 χ^2/NDF : 580437.2/65

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.076 ± 0.004 $\chi^2/\text{NDF}: 912.6/15$

Right Out: 0.194 ± 0.003 $\chi^2/\text{NDF}: 2520.1/17$

Left In: 0.060 ± 0.004 $\chi^2/\text{NDF}: 1708.4/14$

Left: 0.068 ± 0.002 $\chi^2/\text{NDF}: 2632.2/30$

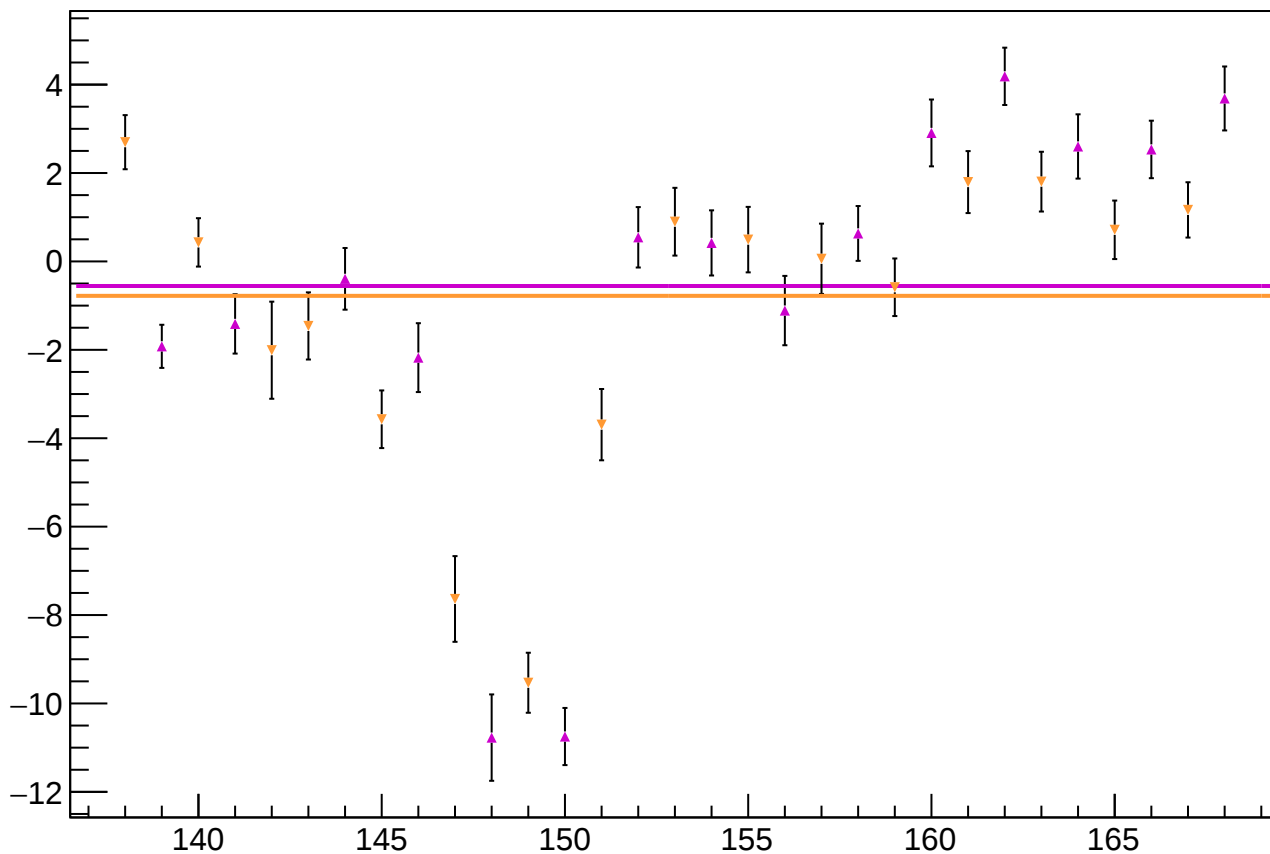
Right: 0.205 ± 0.002 $\chi^2/\text{NDF}: 6475.9/34$

In: 0.156 ± 0.002 $\chi^2/\text{NDF}: 6842.0/31$

Out: 0.150 ± 0.002 $\chi^2/\text{NDF}: 4129.4/33$

All: 0.153 ± 0.002 $\chi^2/\text{NDF}: 10975.3/65$

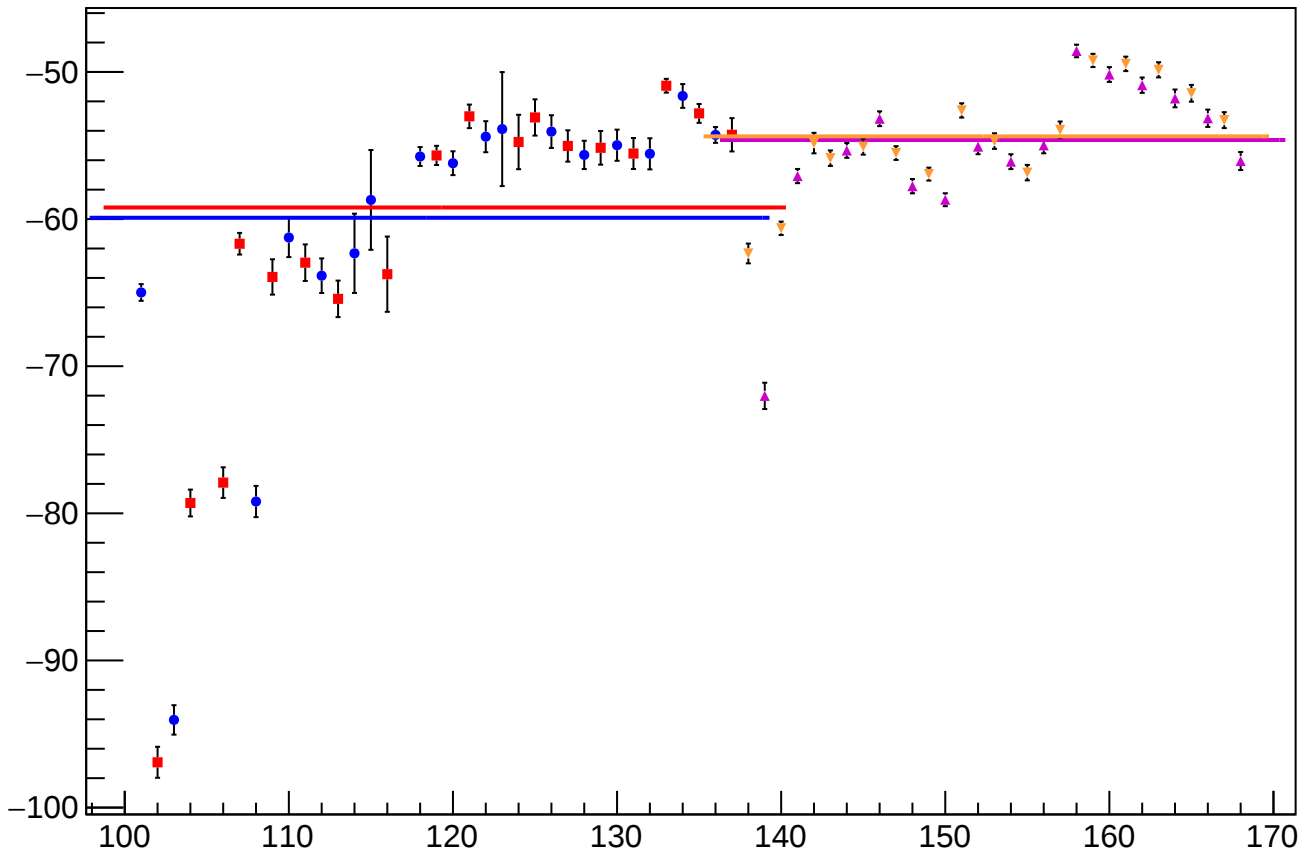
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.779 $\pm$ 0.176 χ^2 /NDF:338.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.556 $\pm$ 0.177 χ^2 /NDF:530.5/14

Left: -0.668 $\pm$ 0.125 χ^2 /NDF: 869.9/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.556 $\pm$ 0.177 χ^2 /NDF:530.5/14
 Out: -0.779 $\pm$ 0.176 χ^2 /NDF:338.6/15
 All: -0.668 $\pm$ 0.125 χ^2 /NDF: 869.9/30

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: -54.378 ± 0.129 χ^2/NDF : 752.0/15

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.625 ± 0.135 χ^2/NDF : 911.4/14

Left: -54.497 ± 0.093 χ^2/NDF : 1665.1/30

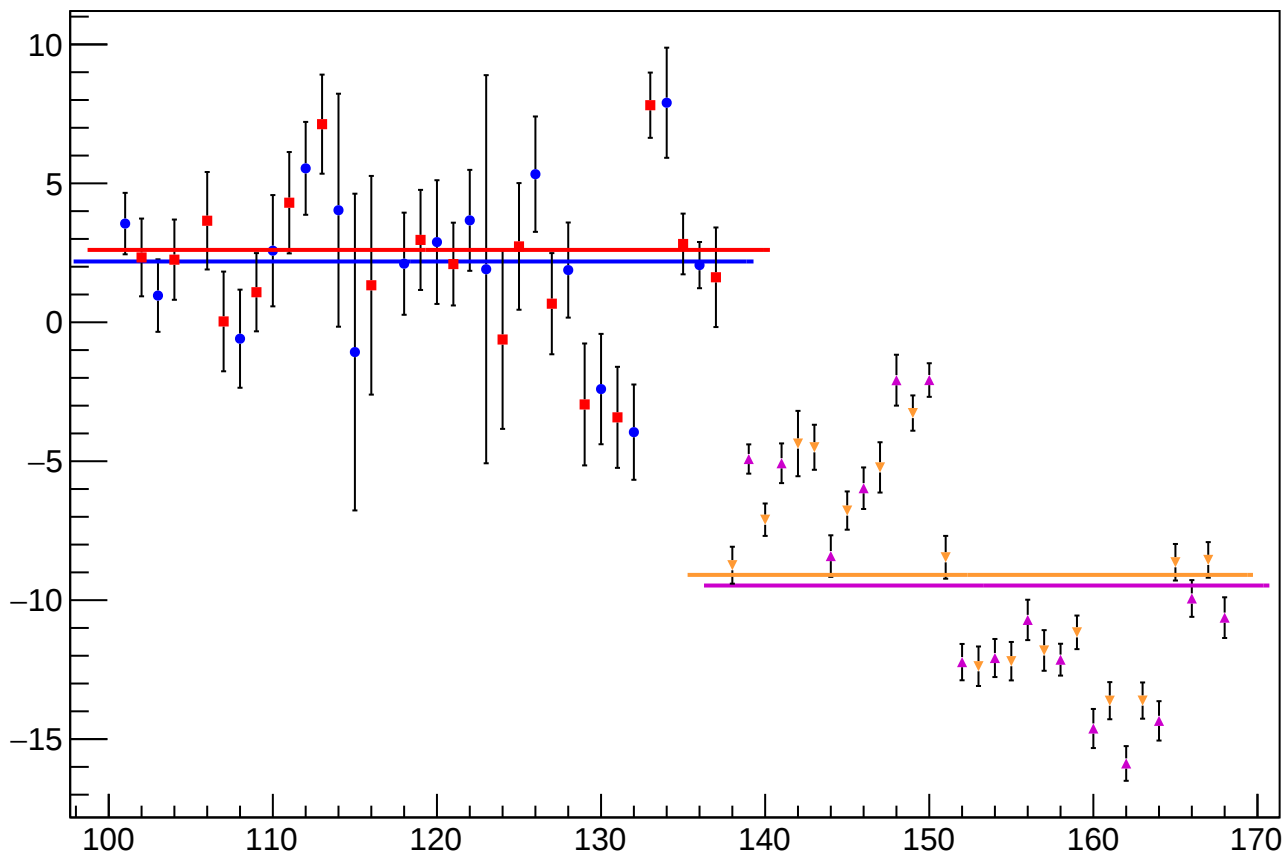
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -56.034 ± 0.115 χ^2/NDF : 3303.5/31

Out: -55.688 ± 0.111 χ^2/NDF : 3872.5/33

All: -55.854 ± 0.080 χ^2/NDF : 7180.7/65

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.090 ± 0.174 $\chi^2/\text{NDF}: 336.7/15$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -9.473 ± 0.174 $\chi^2/\text{NDF}: 617.0/14$

Left: -9.282 ± 0.123 $\chi^2/\text{NDF}: 956.2/30$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -7.661 ± 0.159 $\chi^2/\text{NDF}: 1358.0/31$
 Out: -7.153 ± 0.159 $\chi^2/\text{NDF}: 1134.5/33$
 All: -7.406 ± 0.113 $\chi^2/\text{NDF}: 2497.5/65$

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: -37.727 ± 0.149 $\chi^2/\text{NDF}: 789.2/15$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.787 ± 0.153 $\chi^2/\text{NDF}: 868.7/14$

Left: -37.271 ± 0.107 $\chi^2/\text{NDF}: 1677.3/30$

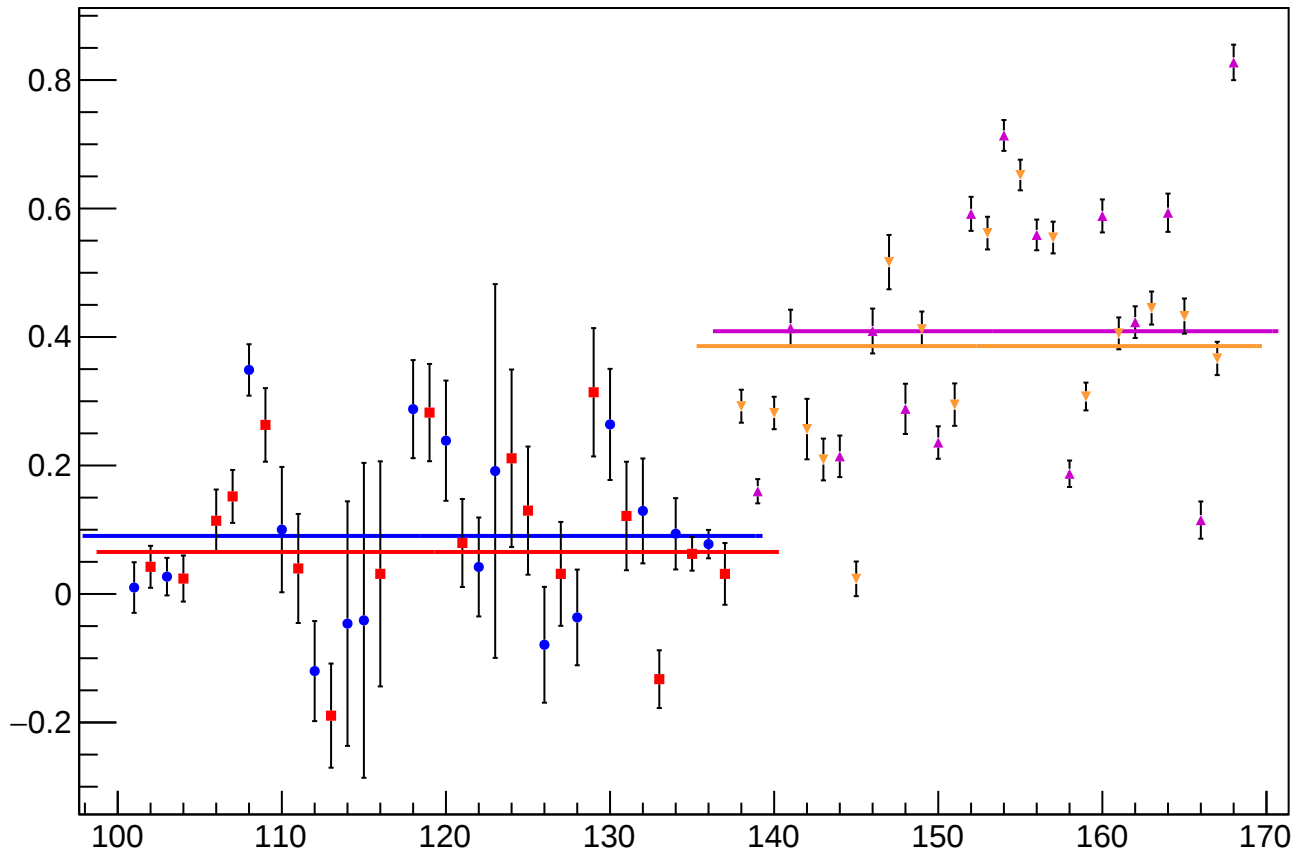
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -35.729 ± 0.131 $\chi^2/\text{NDF}: 5711.4/31$

Out: -36.411 ± 0.127 $\chi^2/\text{NDF}: 6830.3/33$

All: -36.081 ± 0.091 $\chi^2/\text{NDF}: 12555.8/65$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.386 ± 0.007 χ^2/NDF : 507.7/15

Right Out: 0.065 ± 0.012 χ^2/NDF : 65.7/17

Left In: 0.409 ± 0.007 χ^2/NDF : 1051.7/14

Left: 0.398 ± 0.005 χ^2/NDF : 1565.2/30

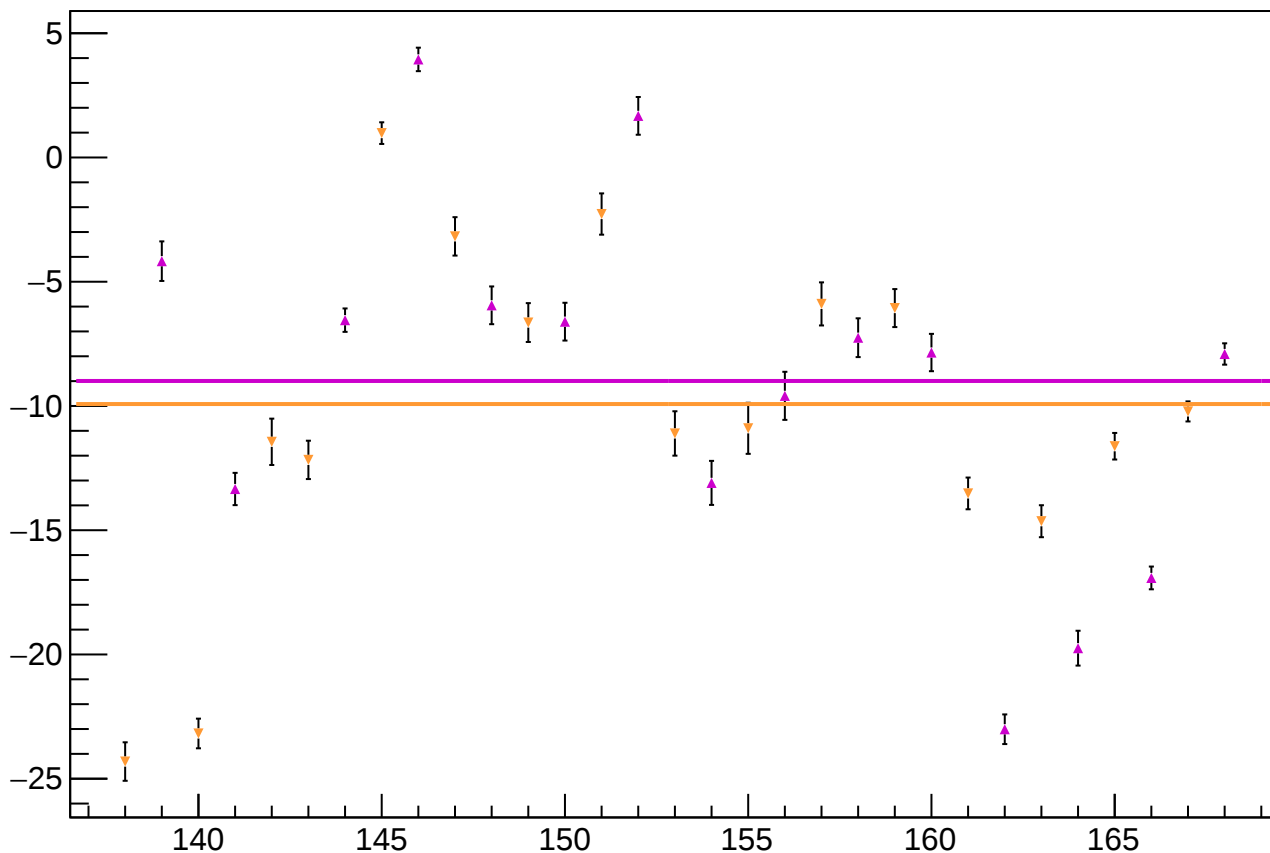
Right: 0.077 ± 0.009 χ^2/NDF : 147.0/34

In: 0.339 ± 0.006 χ^2/NDF : 1621.2/31

Out: 0.311 ± 0.006 χ^2/NDF : 1097.4/33

All: 0.325 ± 0.004 χ^2/NDF : 2730.4/65

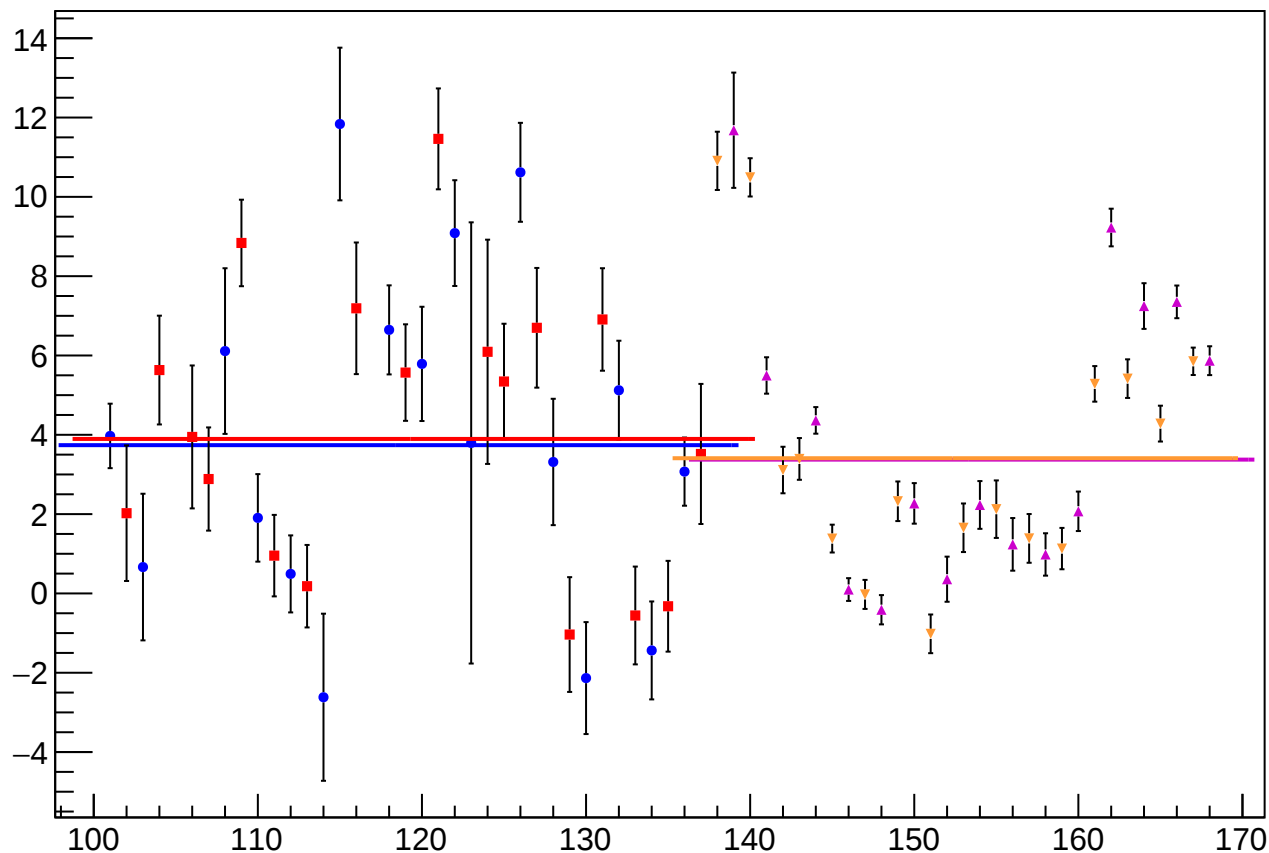
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.922 ± 0.164 $\chi^2/\text{NDF}: 1799.4/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -8.994 ± 0.160 $\chi^2/\text{NDF}: 2203.7/14$

Left: -9.447 ± 0.115 $\chi^2/\text{NDF}: 4019.5/30$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -8.994 ± 0.160 $\chi^2/\text{NDF}: 2203.7/14$
 Out: -9.922 ± 0.164 $\chi^2/\text{NDF}: 1799.4/15$
 All: -9.447 ± 0.115 $\chi^2/\text{NDF}: 4019.5/30$

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: 3.409 $\pm$ 0.120 χ^2 /NDF: 658.0/15

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 3.374 $\pm$ 0.116 χ^2 /NDF: 709.3/14

Left: 3.391 $\pm$ 0.083 χ^2 /NDF: 1367.3/30

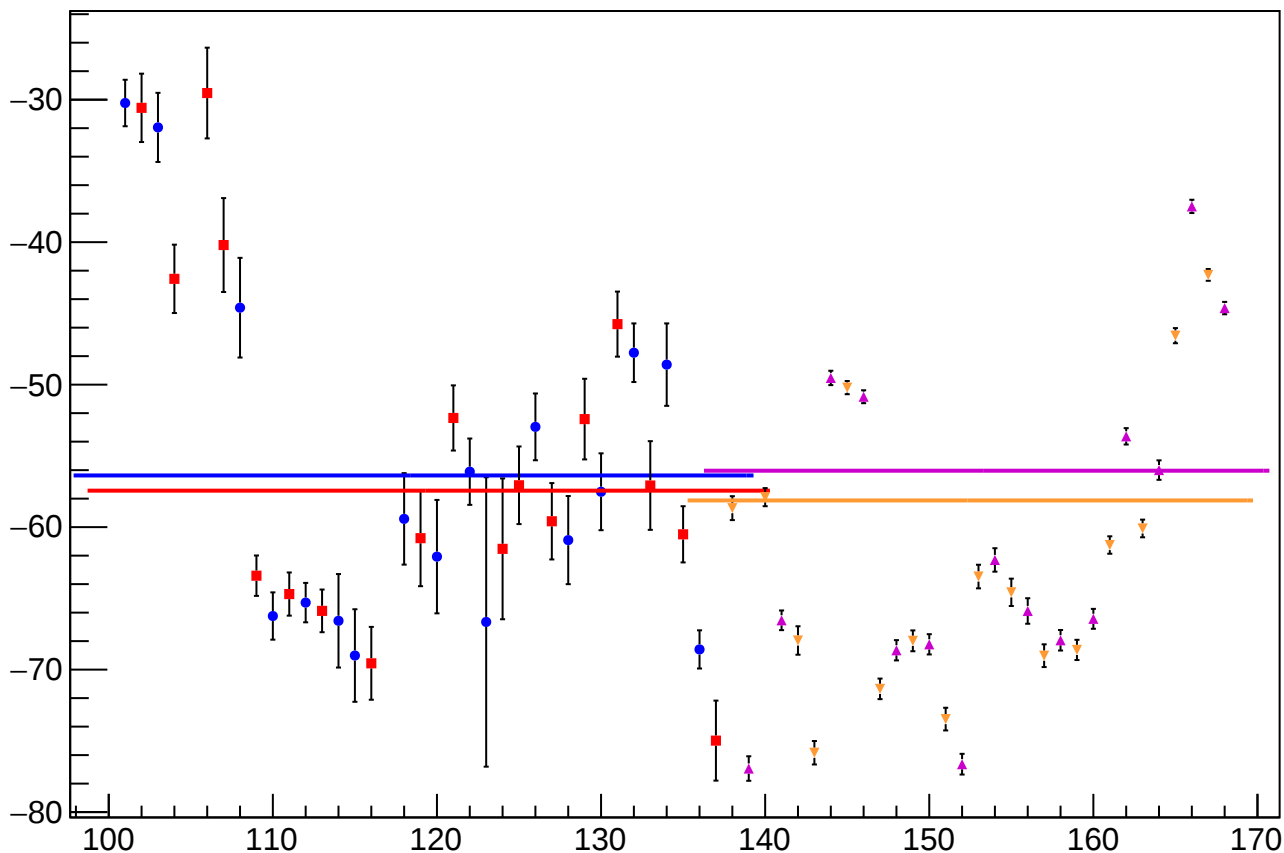
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 3.419 $\pm$ 0.109 χ^2 /NDF: 847.4/31

Out: 3.470 $\pm$ 0.112 χ^2 /NDF: 794.9/33

All: 3.444 $\pm$ 0.078 χ^2 /NDF: 1642.4/65

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -58.127 ± 0.164 $\chi^2/\text{NDF}: 4211.3/15$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -56.040 ± 0.158 $\chi^2/\text{NDF}: 5492.0/14$

Left: -57.047 ± 0.114 $\chi^2/\text{NDF}: 9787.0/30$

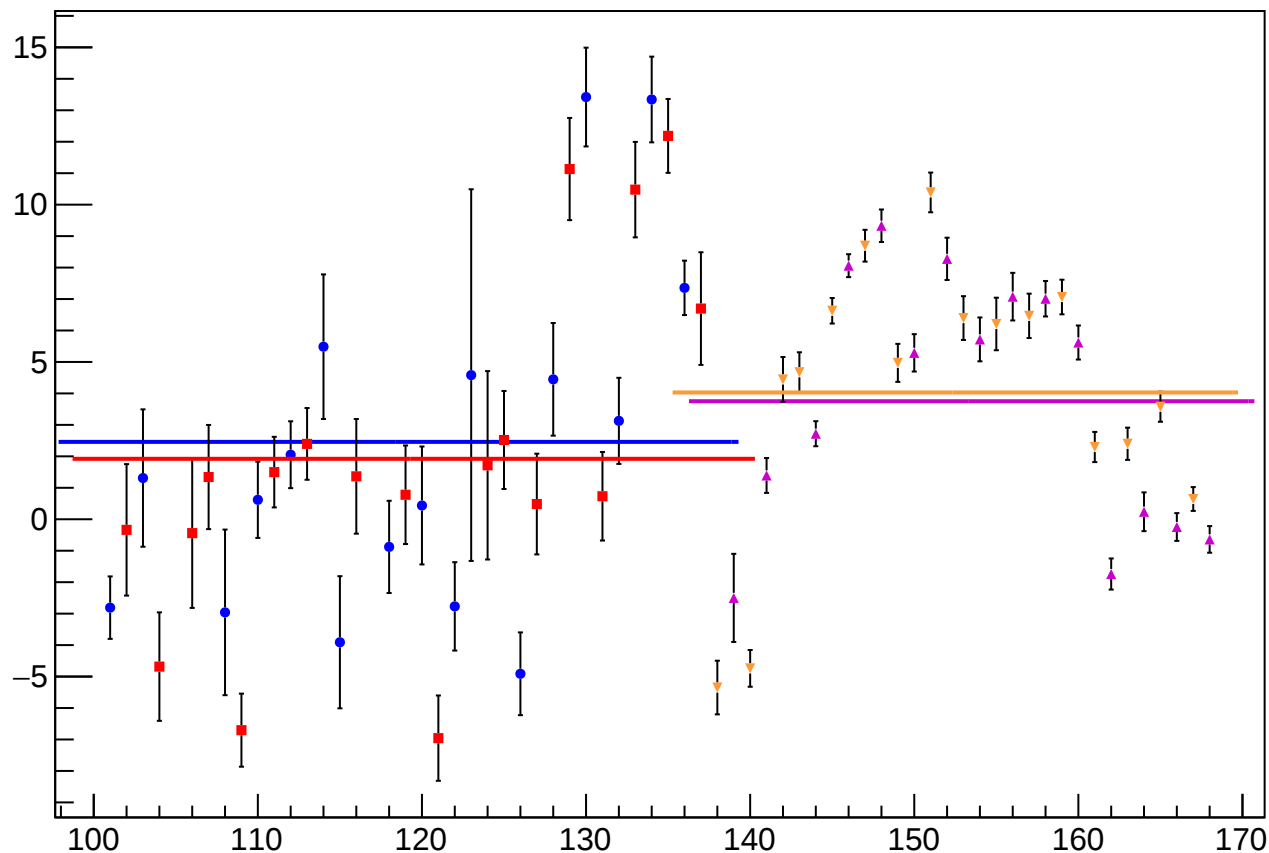
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -56.066 ± 0.152 $\chi^2/\text{NDF}: 6079.9/31$

Out: -58.068 ± 0.157 $\chi^2/\text{NDF}: 4653.7/33$

All: -57.036 ± 0.109 $\chi^2/\text{NDF}: 10817.6/65$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.030 ± 0.138 χ^2/NDF : 742.8/15

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 3.752 ± 0.136 χ^2/NDF : 771.1/14

Left: 3.889 ± 0.097 χ^2/NDF : 1515.9/30

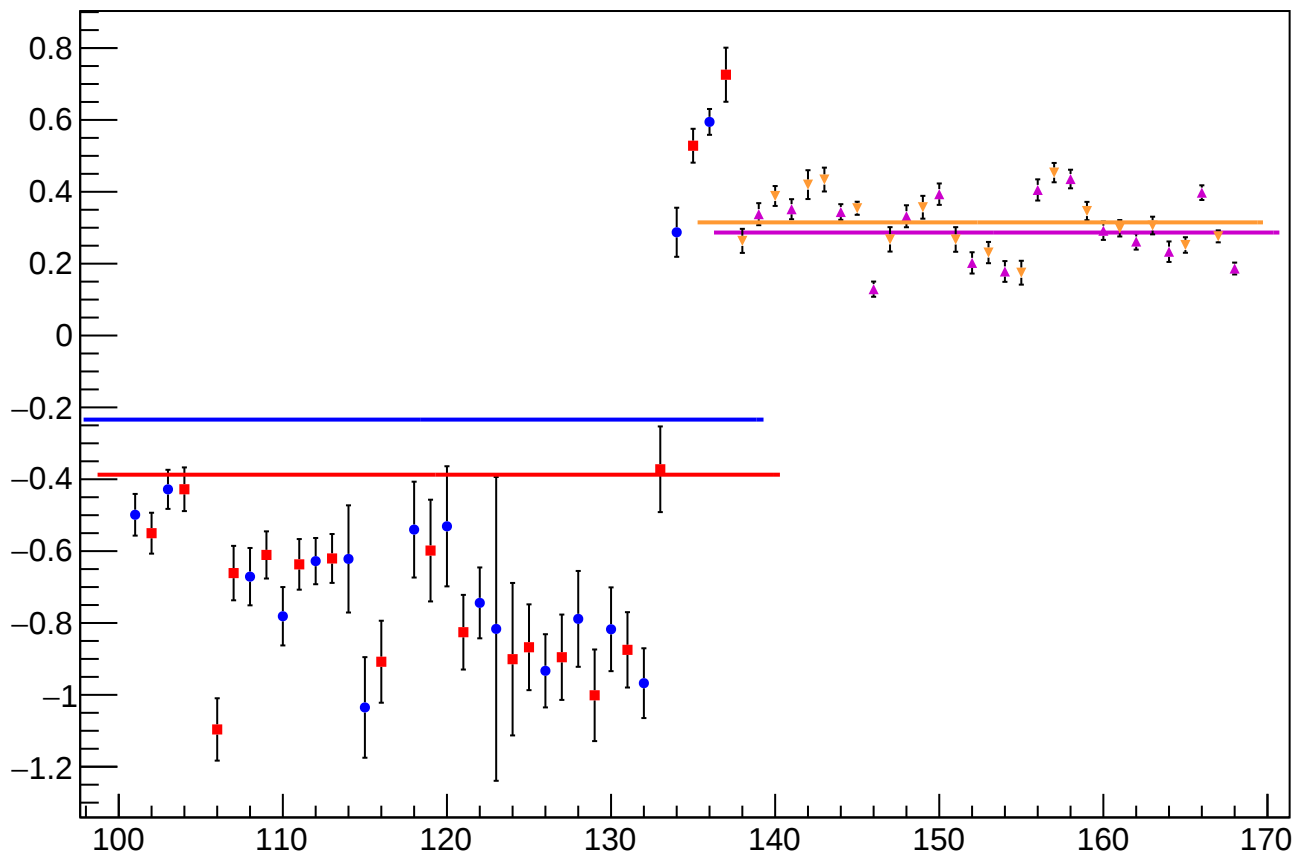
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 3.580 ± 0.126 χ^2/NDF : 1027.1/31

Out: 3.753 ± 0.129 χ^2/NDF : 1038.5/33

All: 3.665 ± 0.090 χ^2/NDF : 2066.5/65

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: 0.315 ± 0.006 χ^2/NDF : 107.8/15

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.287 ± 0.006 χ^2/NDF : 228.0/14

Left: 0.300 ± 0.005 χ^2/NDF : 345.5/30

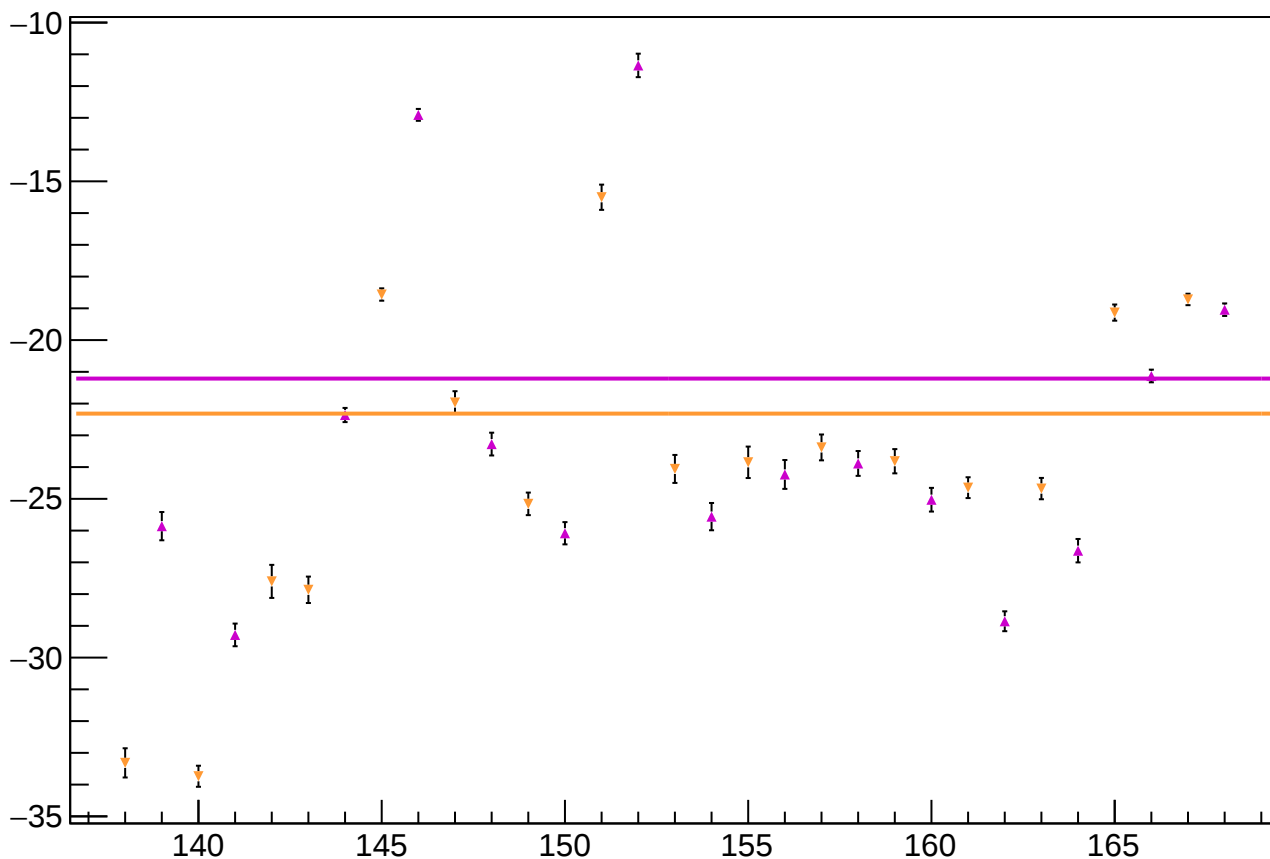
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.234 ± 0.006 χ^2/NDF : 1868.0/31

Out: 0.241 ± 0.006 χ^2/NDF : 2176.9/33

All: 0.237 ± 0.004 χ^2/NDF : 4045.8/65

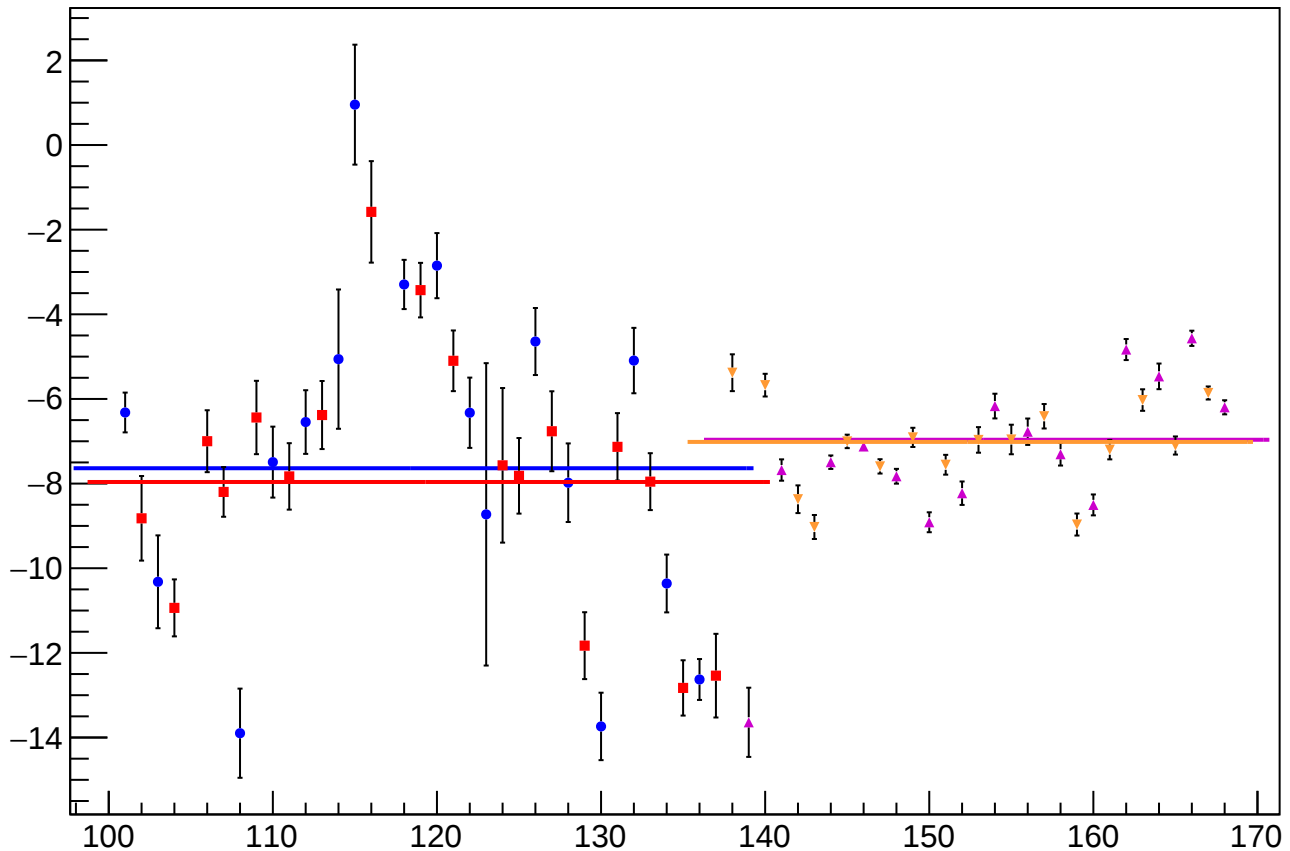
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.316 $\pm$ 0.080 χ^2 /NDF:3466.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -21.212 $\pm$ 0.075 χ^2 /NDF:4778.6/14

Left: -21.733 $\pm$ 0.055 χ^2 /NDF: 8346.4/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -21.212 $\pm$ 0.075 χ^2 /NDF:4778.6/14
 Out: -22.316 $\pm$ 0.080 χ^2 /NDF:3466.1/15
 All: -21.733 $\pm$ 0.055 χ^2 /NDF: 8346.4/30

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.015 ± 0.058 χ^2/NDF : 256.3/15

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.964 ± 0.054 χ^2/NDF : 546.1/14

Left: -6.988 ± 0.040 χ^2/NDF : 802.8/30

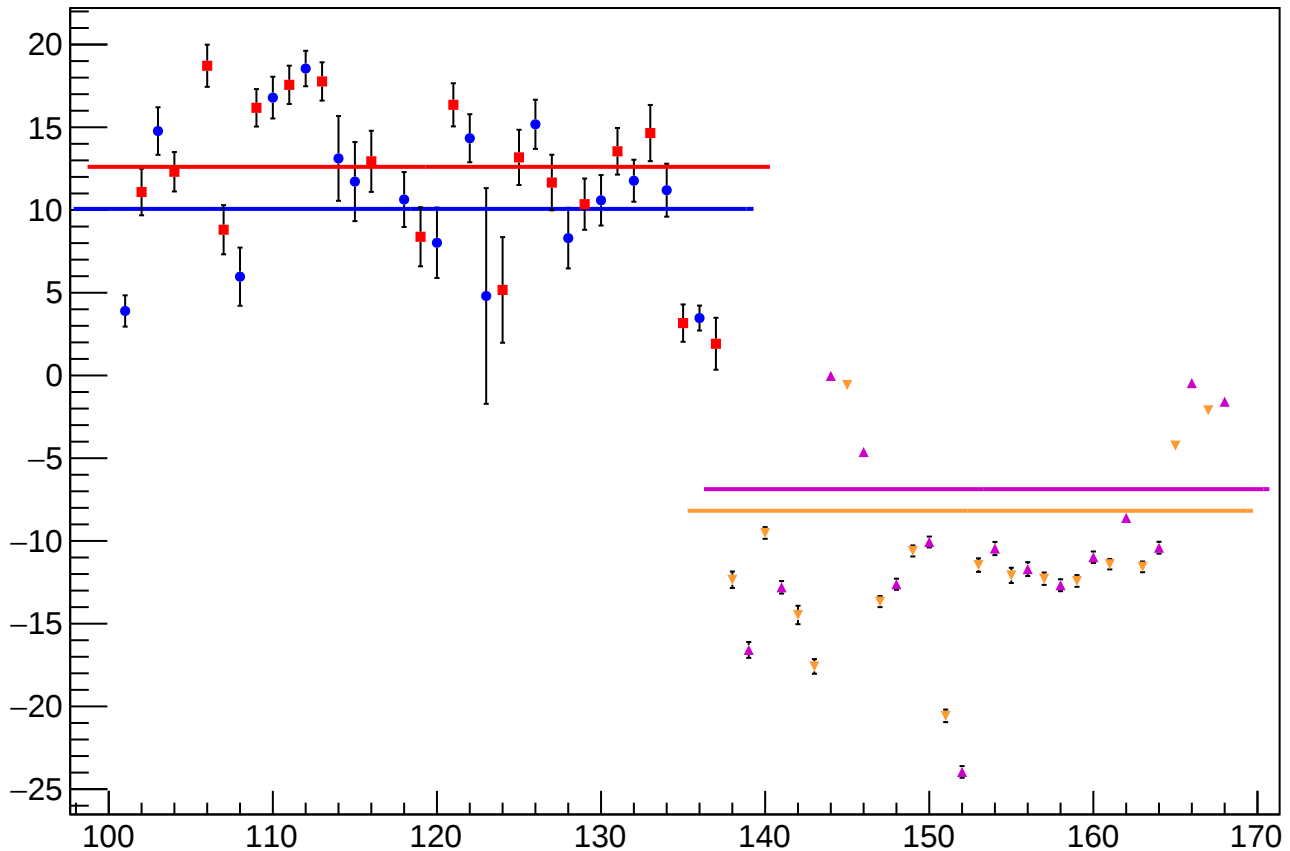
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.017 ± 0.052 χ^2/NDF : 952.2/31

Out: -7.099 ± 0.055 χ^2/NDF : 506.5/33

All: -7.056 ± 0.038 χ^2/NDF : 1459.8/65

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -8.175 ± 0.079 χ^2/NDF : 5344.7/15

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -6.870 ± 0.074 χ^2/NDF : 6774.9/14

Left: -7.480 ± 0.054 χ^2/NDF : 12264.0/30

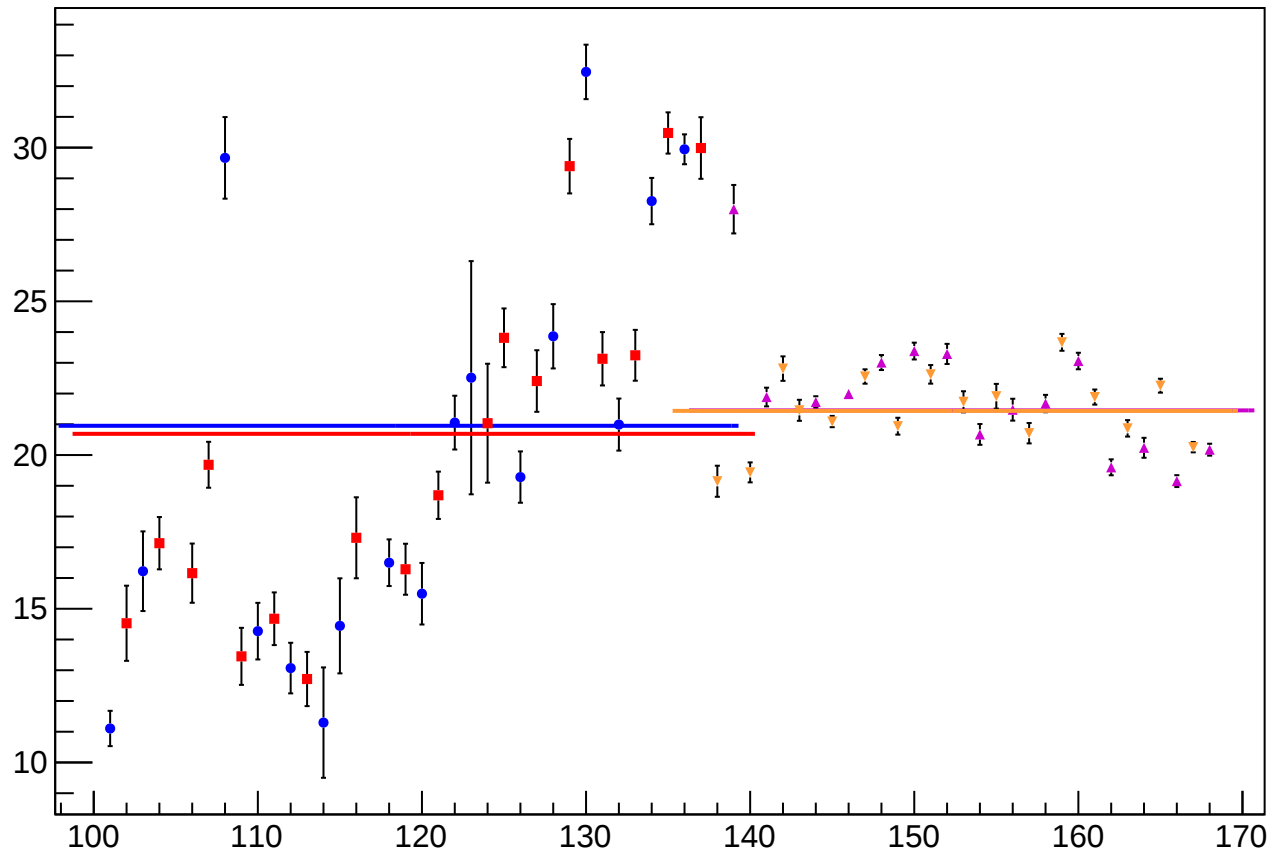
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -6.088 ± 0.073 χ^2/NDF : 9432.1/31

Out: -7.061 ± 0.077 χ^2/NDF : 9248.3/33

All: -6.545 ± 0.053 χ^2/NDF : 18765.0/65

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: 21.436 $\pm$ 0.067 χ^2 /NDF: 258.2/15

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.452 $\pm$ 0.064 χ^2 /NDF: 500.3/14

Left: 21.445 $\pm$ 0.046 χ^2 /NDF: 758.5/30

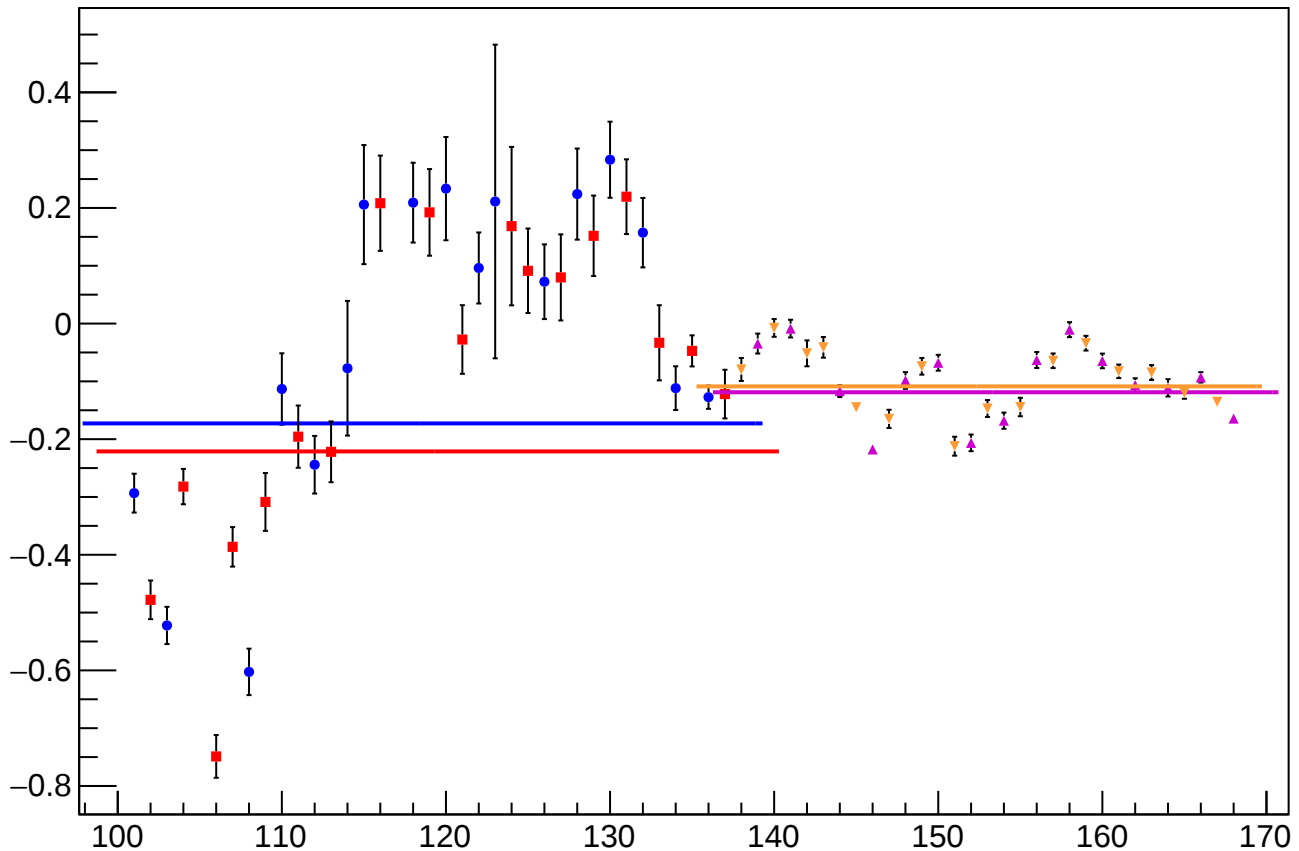
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.410 $\pm$ 0.061 χ^2 /NDF: 1728.3/31

Out: 21.369 $\pm$ 0.064 χ^2 /NDF: 996.3/33

All: 21.391 $\pm$ 0.044 χ^2 /NDF: 2724.8/65

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: -0.109 ± 0.003 χ^2/NDF : 225.5/15

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.119 ± 0.003 χ^2/NDF : 427.9/14

Left: -0.114 ± 0.002 χ^2/NDF : 658.8/30

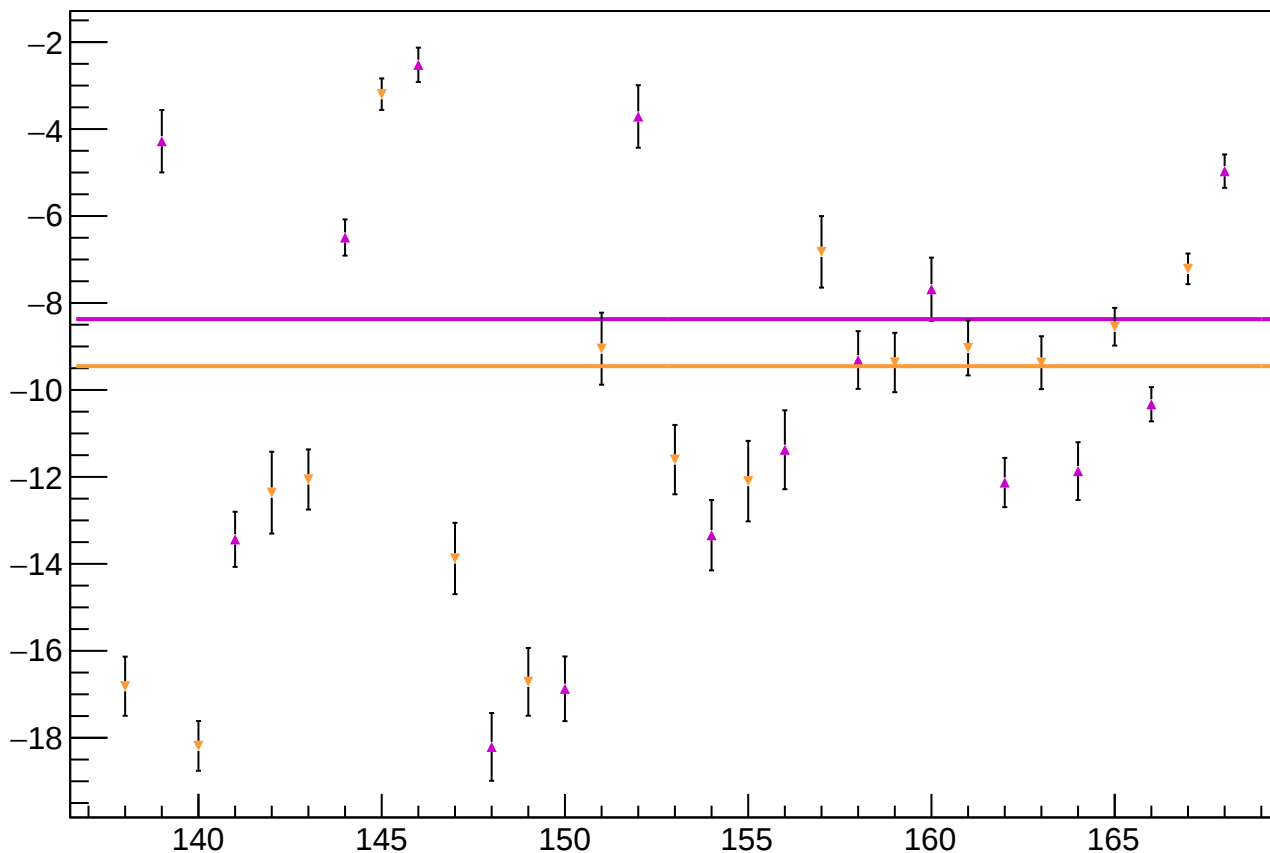
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.122 ± 0.003 χ^2/NDF : 909.8/31

Out: -0.117 ± 0.003 χ^2/NDF : 858.0/33

All: -0.120 ± 0.002 χ^2/NDF : 1769.4/65

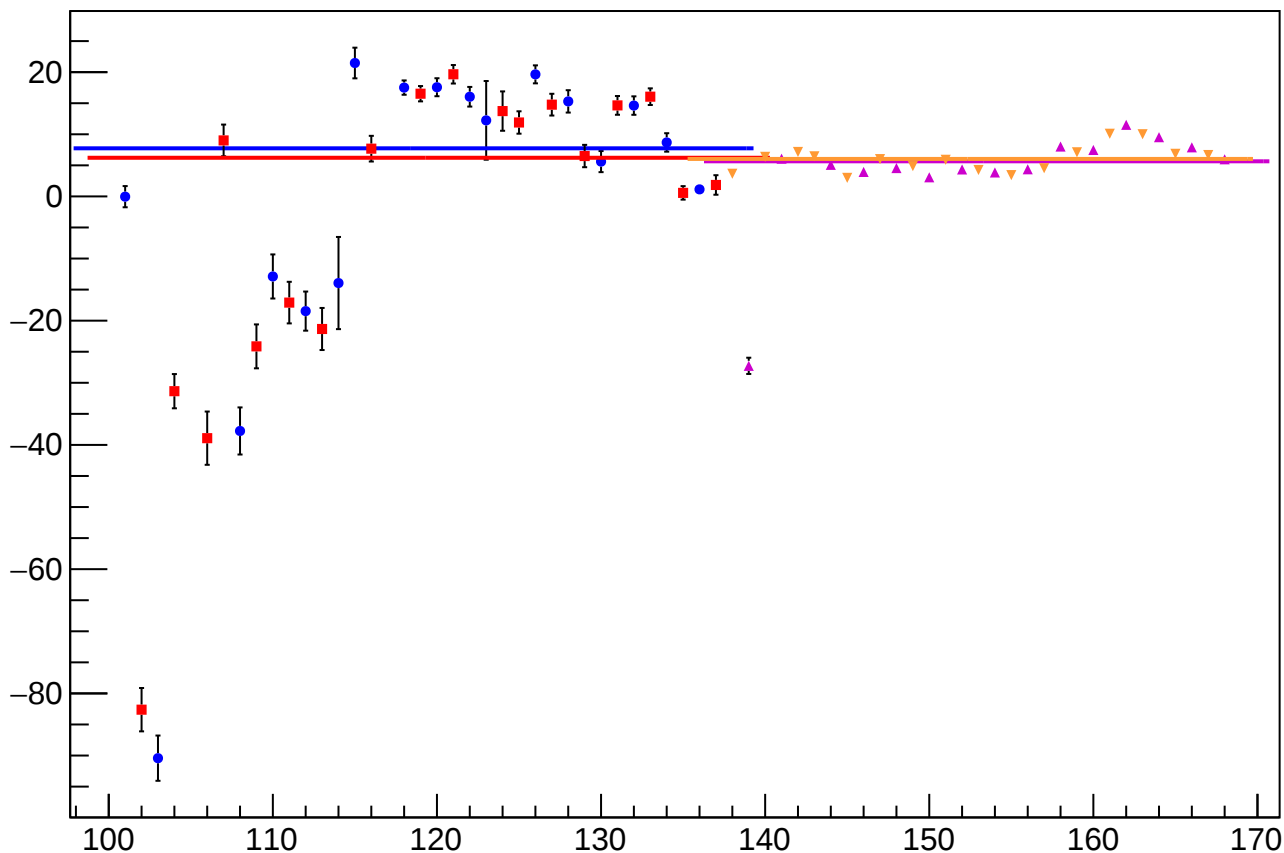
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.453 $\pm$ 0.148 χ^2/NDF :858.2/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.371 $\pm$ 0.145 χ^2/NDF :895.3/14

Left: -8.901 $\pm$ 0.104 χ^2/NDF : 1780.7/30
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.371 $\pm$ 0.145 χ^2/NDF :895.3/14
 Out: -9.453 $\pm$ 0.148 χ^2/NDF :858.2/15
 All: -8.901 $\pm$ 0.104 χ^2/NDF : 1780.7/30

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: 6.033 ± 0.110 χ^2/NDF : 342.0/15

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 5.651 ± 0.107 χ^2/NDF : 1043.6/14

Left: 5.836 ± 0.077 χ^2/NDF : 1391.8/30

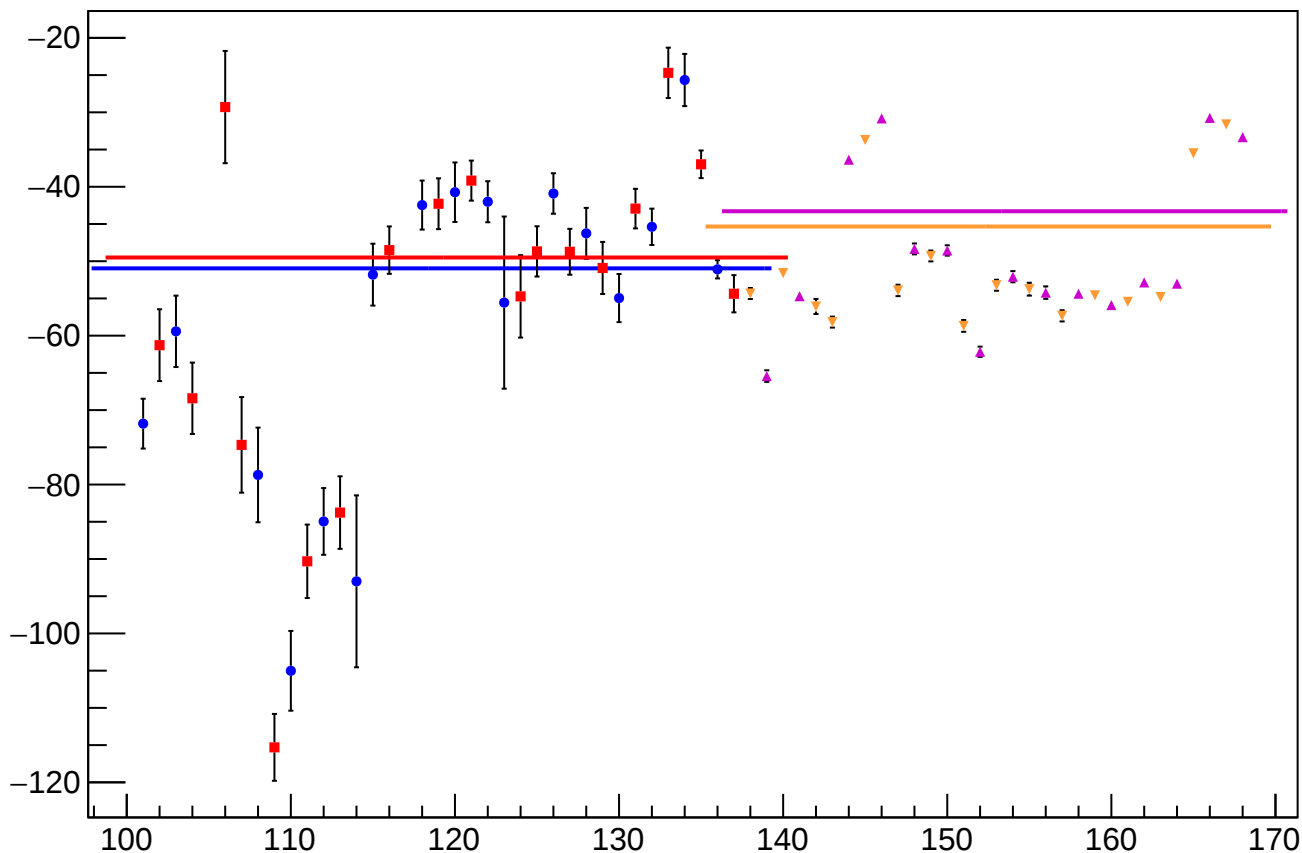
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.788 ± 0.103 χ^2/NDF : 2427.7/31

Out: 6.044 ± 0.106 χ^2/NDF : 1788.1/33

All: 5.912 ± 0.074 χ^2/NDF : 4218.8/65

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: -45.341 ± 0.149 χ^2/NDF : 5190.9/15

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -43.288 ± 0.144 χ^2/NDF : 6429.7/14

Left: -44.279 ± 0.103 χ^2/NDF : 11719.3/30

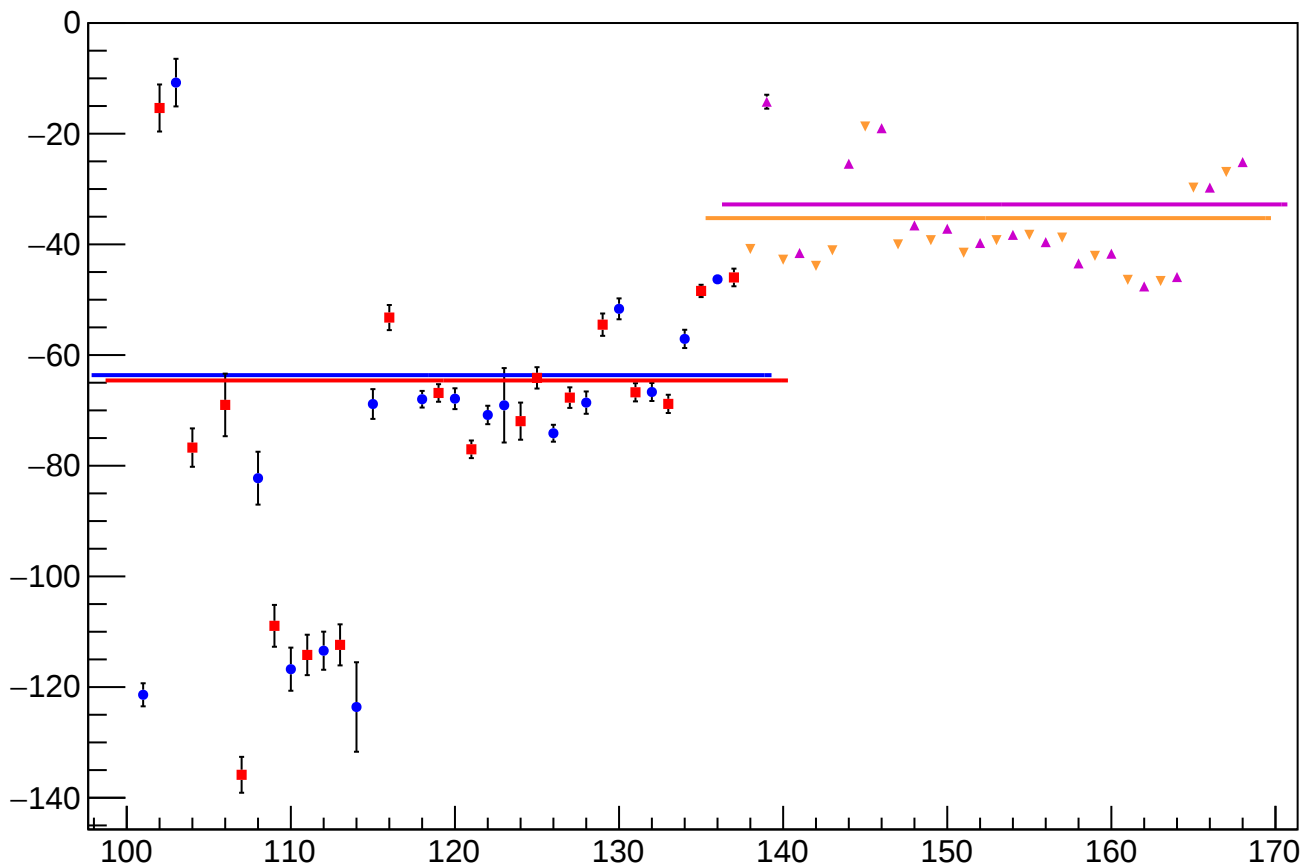
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -43.568 ± 0.141 χ^2/NDF : 6865.6/31

Out: -45.480 ± 0.146 χ^2/NDF : 5723.6/33

All: -44.490 ± 0.101 χ^2/NDF : 12678.0/65

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: -35.257 ± 0.126 χ^2/NDF : 5385.3/15

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -32.781 ± 0.124 χ^2/NDF : 5980.3/14

Left: -34.000 ± 0.088 χ^2/NDF : 11561.8/30

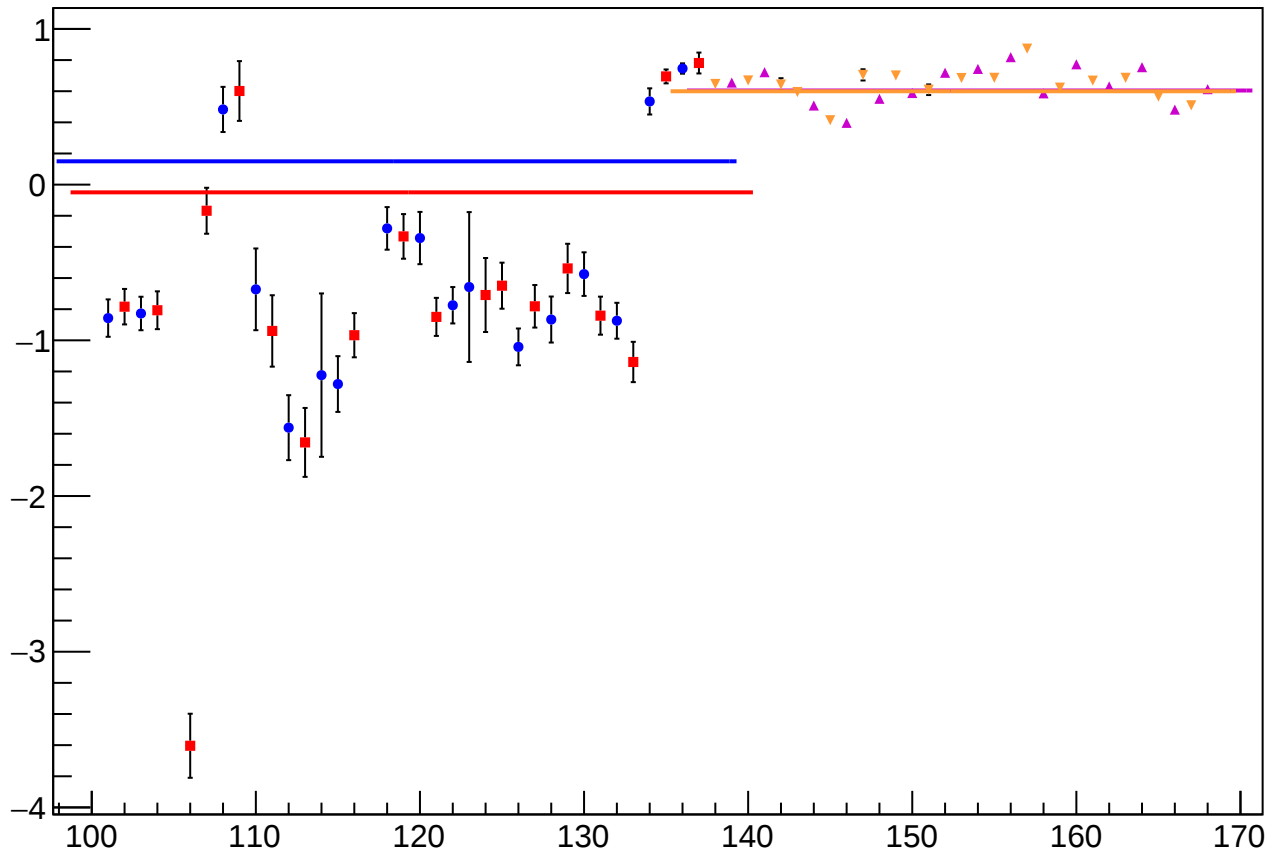
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -34.995 ± 0.119 χ^2/NDF : 12435.7/31

Out: -37.131 ± 0.122 χ^2/NDF : 10444.1/33

All: -36.041 ± 0.085 χ^2/NDF : 23036.5/65

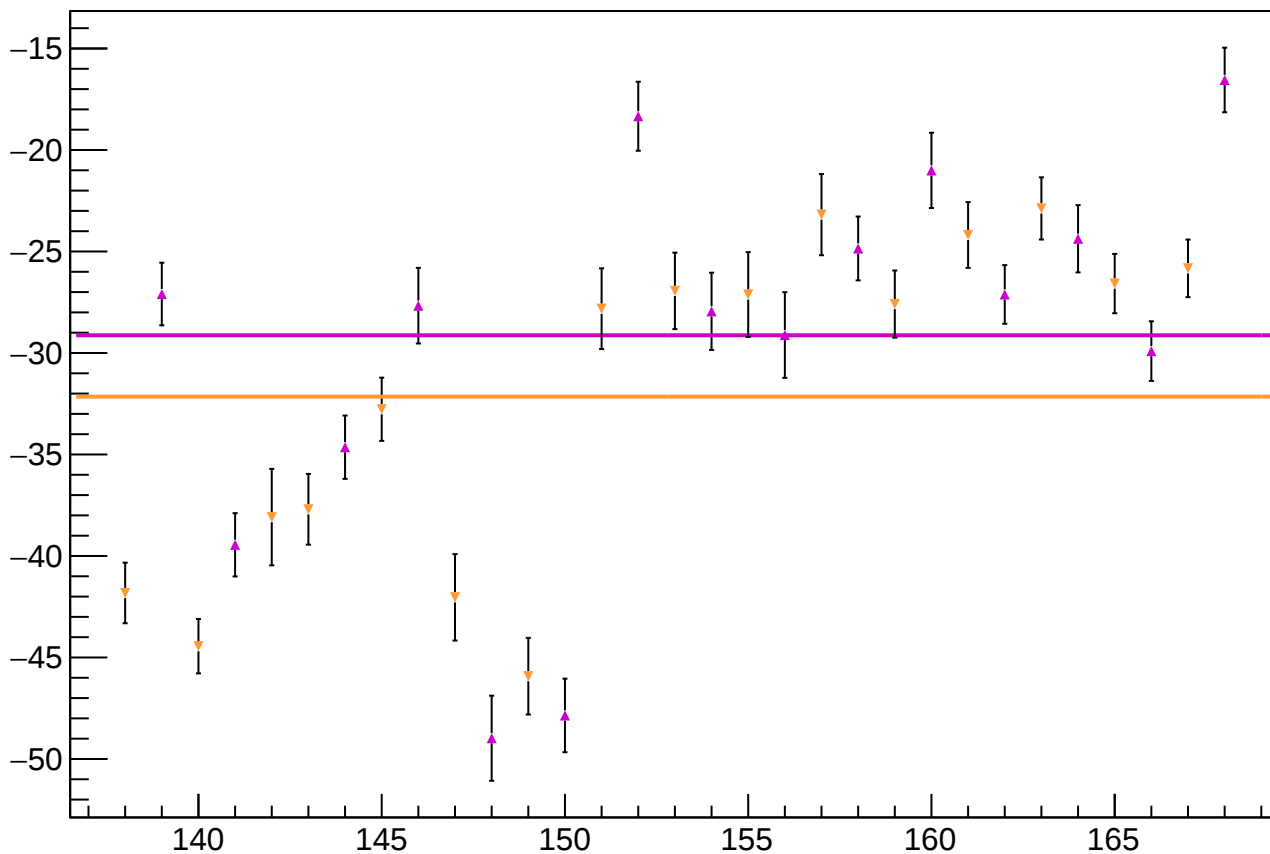
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.600 ± 0.006 χ^2/NDF : 379.4/15
 Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.605 ± 0.006 χ^2/NDF : 418.3/14

Left: 0.602 ± 0.004 χ^2/NDF : 798.1/30
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.579 ± 0.006 χ^2/NDF : 1747.1/31
 Out: 0.569 ± 0.006 χ^2/NDF : 2117.0/33
 All: 0.574 ± 0.004 χ^2/NDF : 3865.9/65

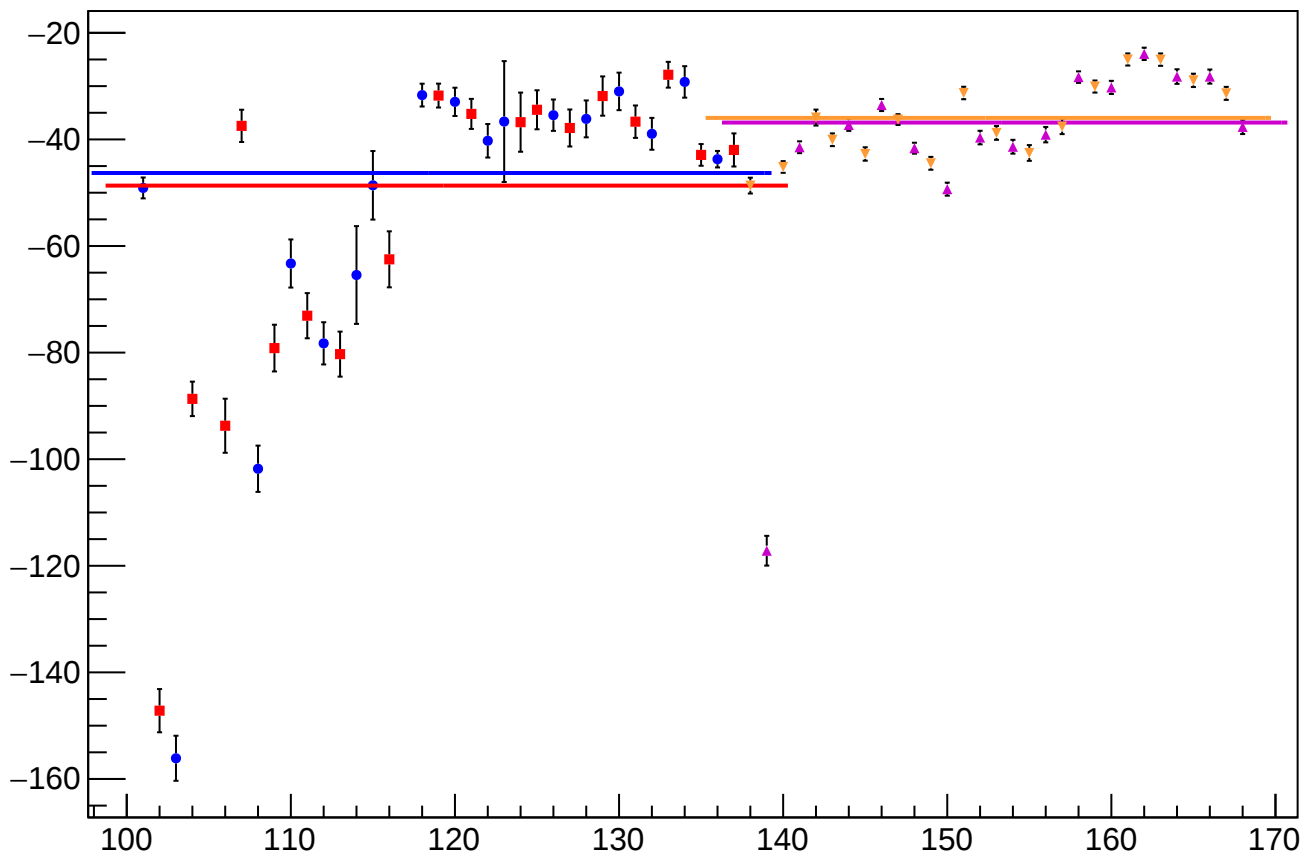
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.151+/-0.424 χ^2/NDF :358.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.128+/-0.434 χ^2/NDF :395.4/14

Left: -30.677+/-0.303 χ^2/NDF : 778.5/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -29.128+/-0.434 χ^2/NDF :395.4/14
 Out: -32.151+/-0.424 χ^2/NDF :358.3/15
 All: -30.677+/-0.303 χ^2/NDF : 778.5/30

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -35.962 ± 0.307 $\chi^2/\text{NDF}: 529.3/15$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -36.838 ± 0.321 $\chi^2/\text{NDF}: 1297.0/14$

Left: -36.381 ± 0.222 $\chi^2/\text{NDF}: 1830.2/30$

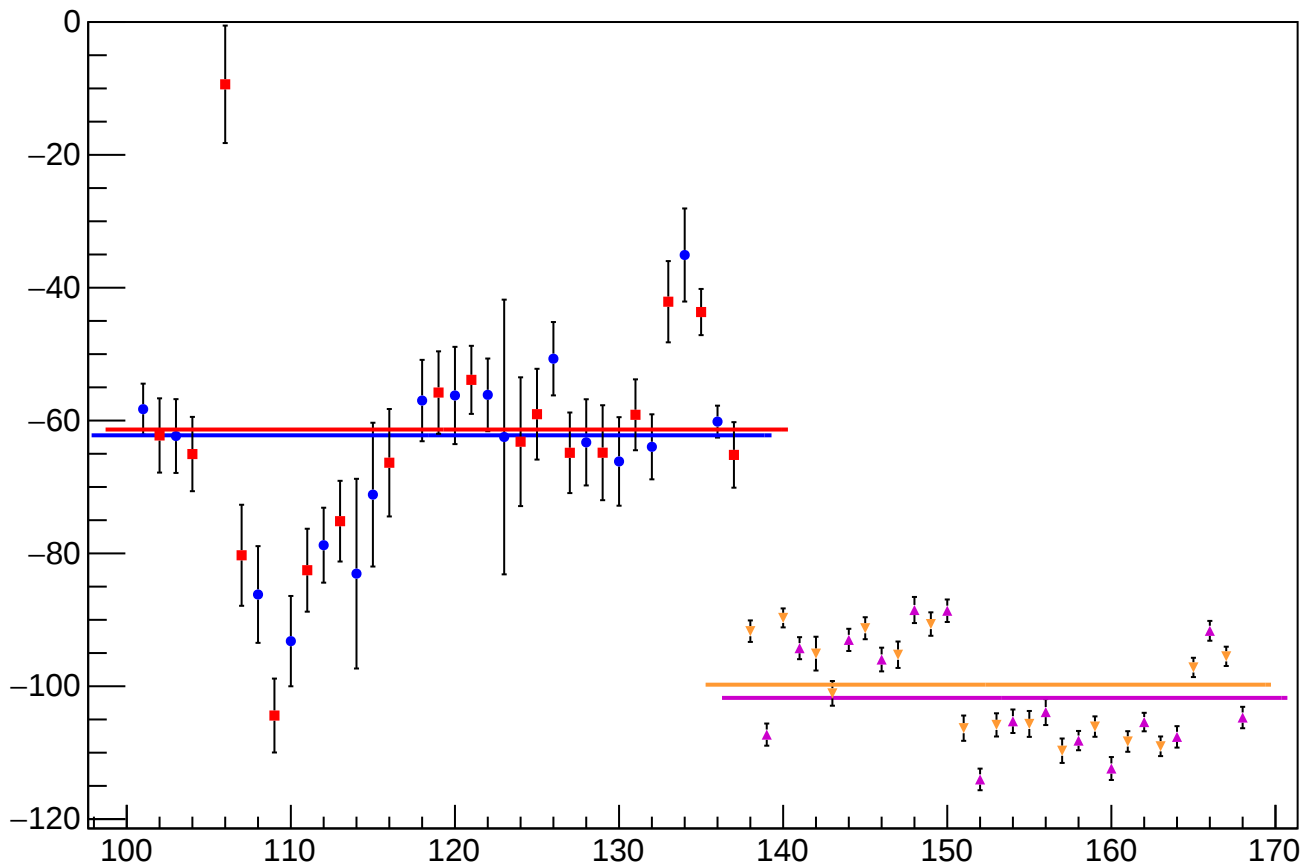
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -38.391 ± 0.293 $\chi^2/\text{NDF}: 2523.9/31$

Out: -37.735 ± 0.285 $\chi^2/\text{NDF}: 1980.0/33$

All: -38.054 ± 0.204 $\chi^2/\text{NDF}: 4506.5/65$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

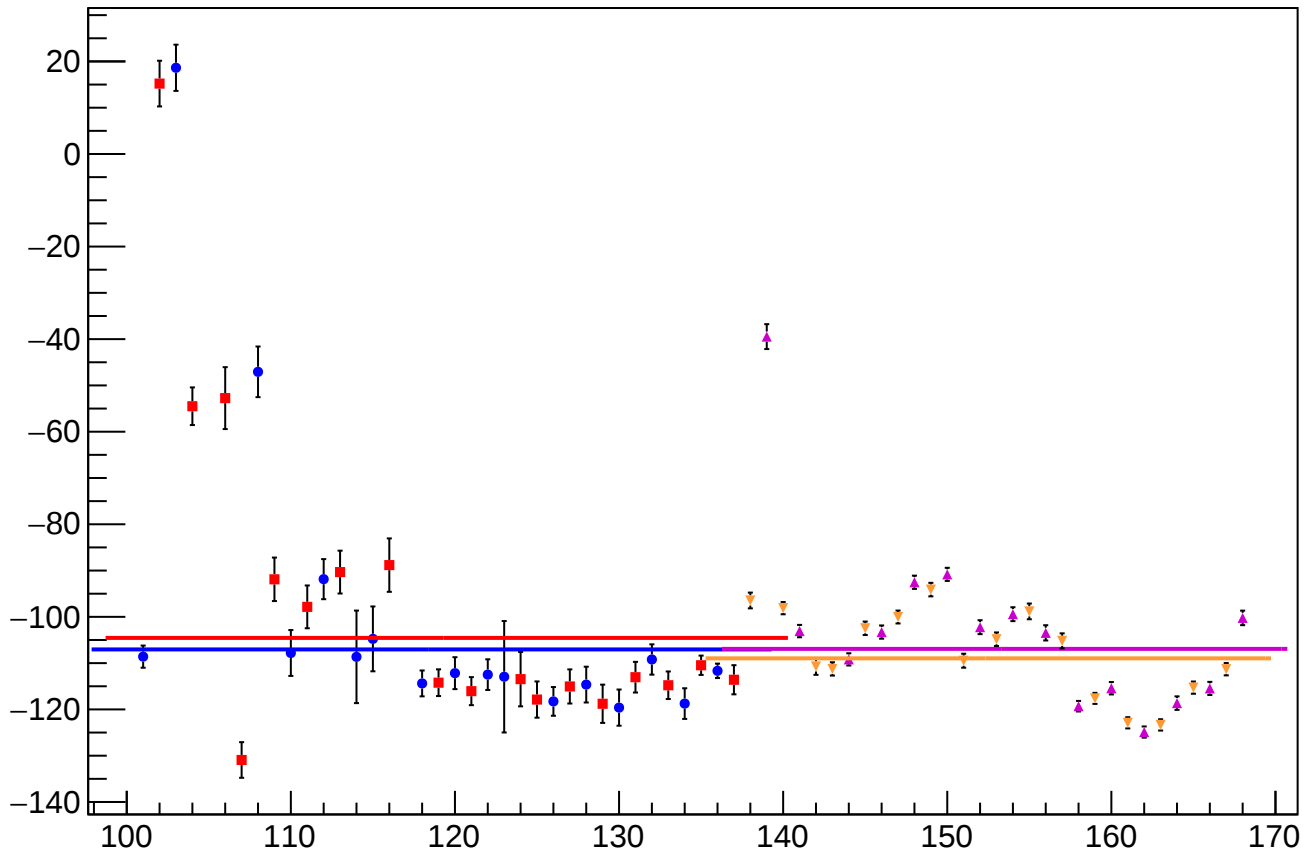


Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.762 ± 0.420 χ^2/NDF : 297.3/15
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -101.751 ± 0.426 χ^2/NDF : 363.4/14

Left: -100.743 ± 0.299 χ^2/NDF : 671.7/30
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -97.978 ± 0.405 χ^2/NDF : 1252.3/31
 Out: -96.515 ± 0.402 χ^2/NDF : 1162.0/33

All: -97.241 ± 0.285 χ^2/NDF : 2420.9/65

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -108.966 ± 0.354 χ^2/NDF : 685.5/15

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -106.920 ± 0.368 χ^2/NDF : 1415.7/14

Left: -107.981 ± 0.255 χ^2/NDF : 2117.2/30

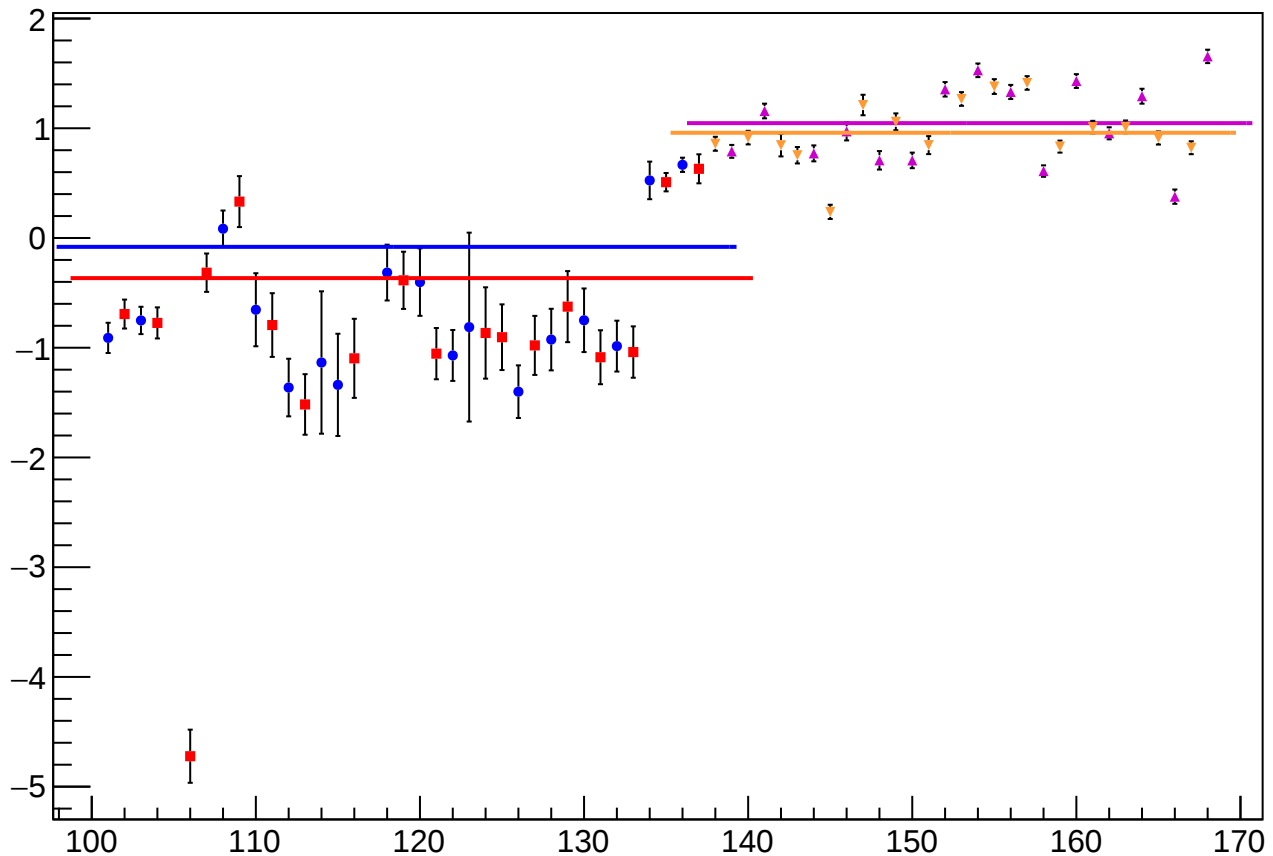
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -106.941 ± 0.335 χ^2/NDF : 2243.5/31

Out: -108.326 ± 0.328 χ^2/NDF : 1675.5/33

All: -107.649 ± 0.234 χ^2/NDF : 3927.7/65

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: 0.959 ± 0.017 χ^2/NDF : 275.7/15

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.047 ± 0.017 χ^2/NDF : 504.7/14

Left: 1.002 ± 0.012 χ^2/NDF : 794.4/30

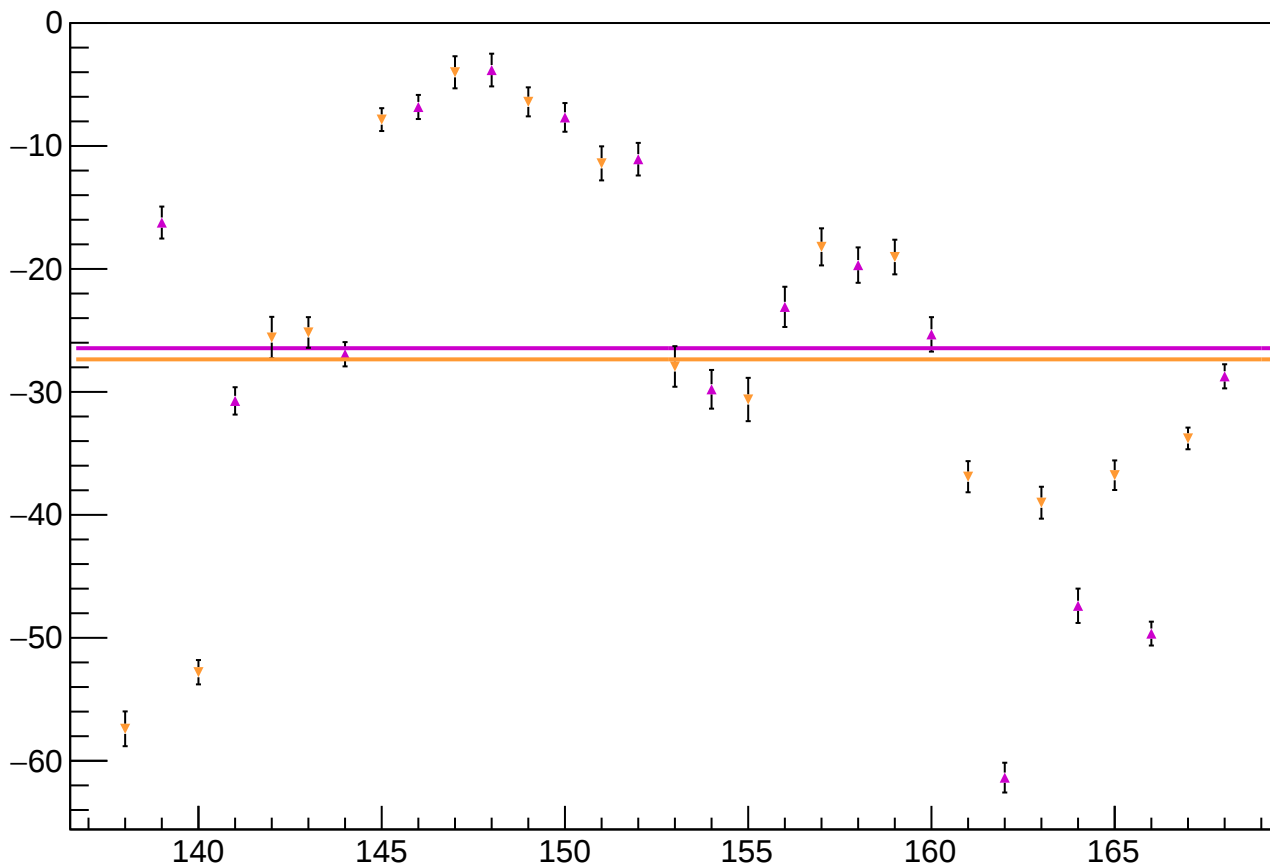
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.894 ± 0.016 χ^2/NDF : 1450.8/31

Out: 0.796 ± 0.015 χ^2/NDF : 1642.8/33

All: 0.845 ± 0.011 χ^2/NDF : 3113.8/65

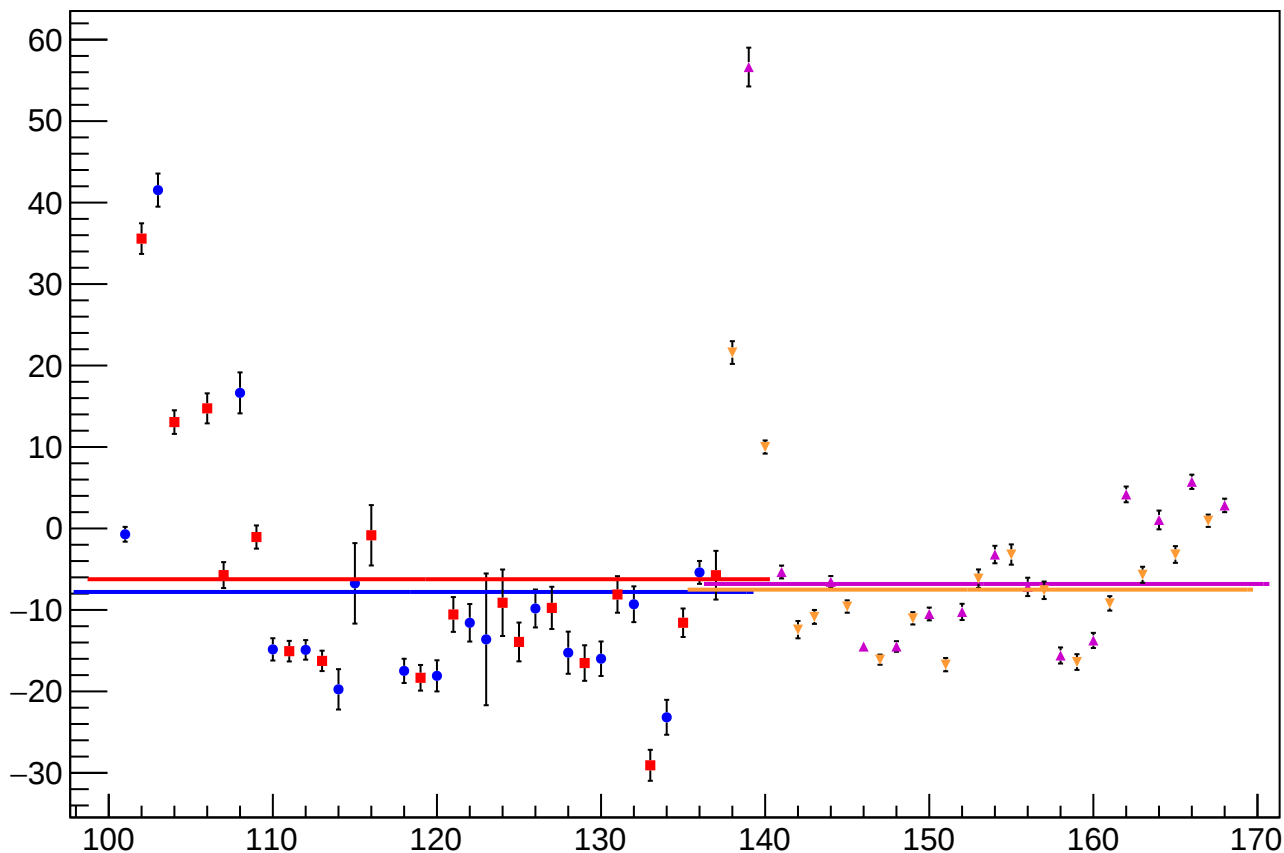
reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -27.353+/-0.311 χ^2/NDF : 2650.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.446+/-0.310 χ^2/NDF : 2825.8/14

Left: -26.898+/-0.220 χ^2/NDF : 5480.2/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -26.446+/-0.310 χ^2/NDF : 2825.8/14
 Out: -27.353+/-0.311 χ^2/NDF : 2650.2/15
 All: -26.898+/-0.220 χ^2/NDF : 5480.2/30

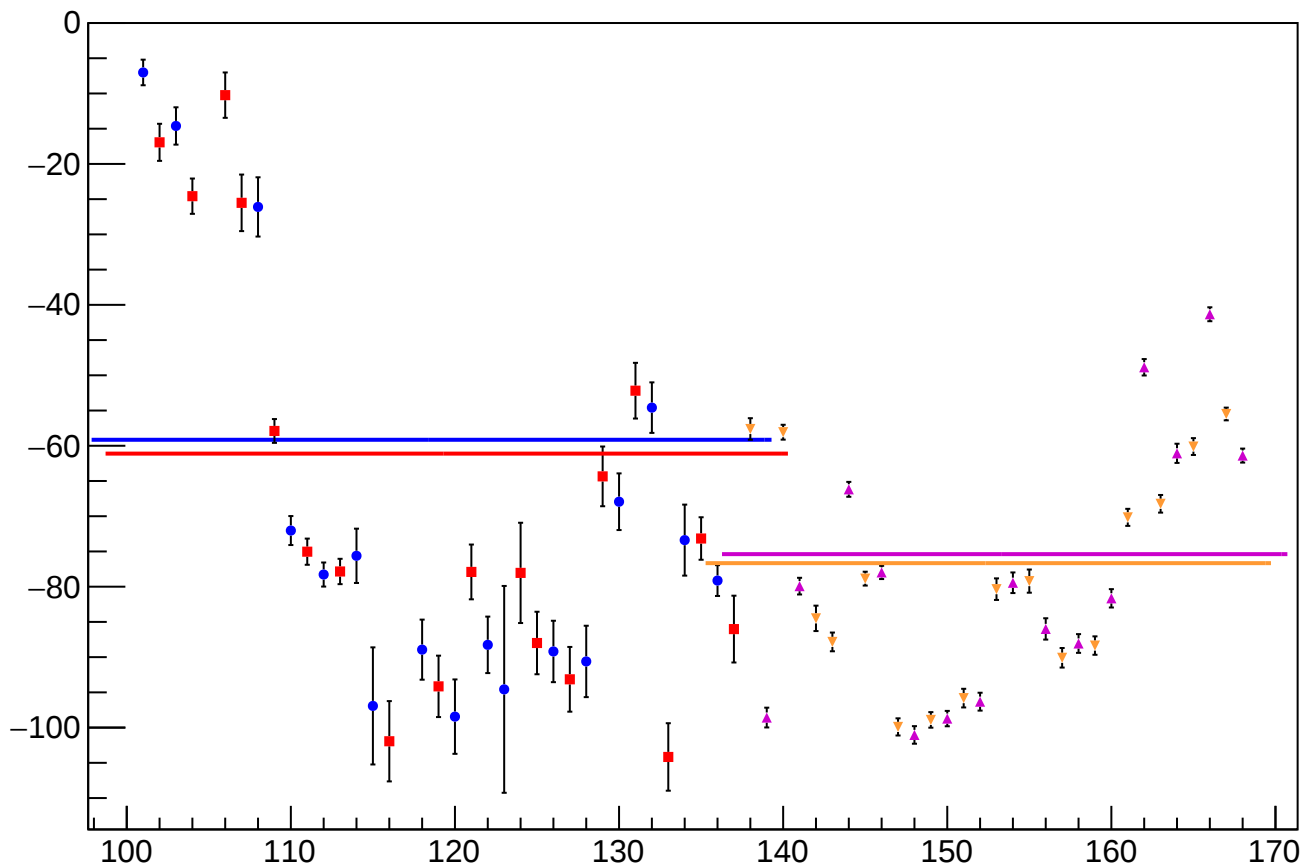
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -7.511 ± 0.223 χ^2/NDF : 1535.5/15
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -6.812 ± 0.225 χ^2/NDF : 1703.8/14

Left: -7.164 ± 0.158 χ^2/NDF : 3244.2/30
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -7.024 ± 0.199 χ^2/NDF : 2690.7/31
 Out: -7.240 ± 0.198 χ^2/NDF : 2725.4/33
 All: -7.133 ± 0.140 χ^2/NDF : 5416.7/65

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -76.661 ± 0.309 $\chi^2/\text{NDF}: 2537.1/15$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -75.381 ± 0.305 $\chi^2/\text{NDF}: 3707.4/14$

Left: -76.013 ± 0.217 $\chi^2/\text{NDF}: 6253.2/30$

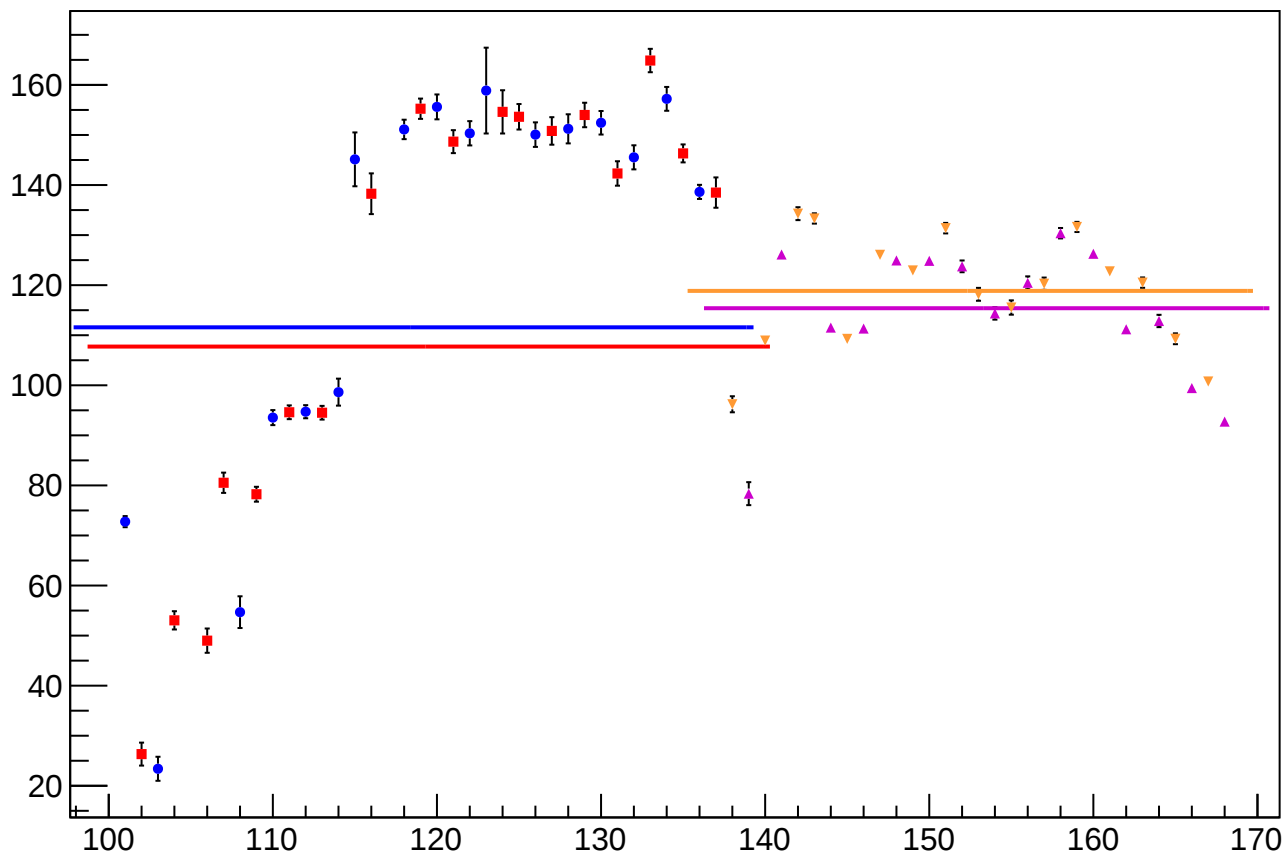
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -73.047 ± 0.283 $\chi^2/\text{NDF}: 5831.9/31$

Out: -74.166 ± 0.283 $\chi^2/\text{NDF}: 4260.1/33$

All: -73.605 ± 0.200 $\chi^2/\text{NDF}: 10099.7/65$

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: 118.856 $\pm$ 0.260 χ^2 /NDF:1738.5/15

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 115.395 $\pm$ 0.262 χ^2 /NDF:1905.3/14

Left: 117.142 $\pm$ 0.184 χ^2 /NDF: 3731.9/30

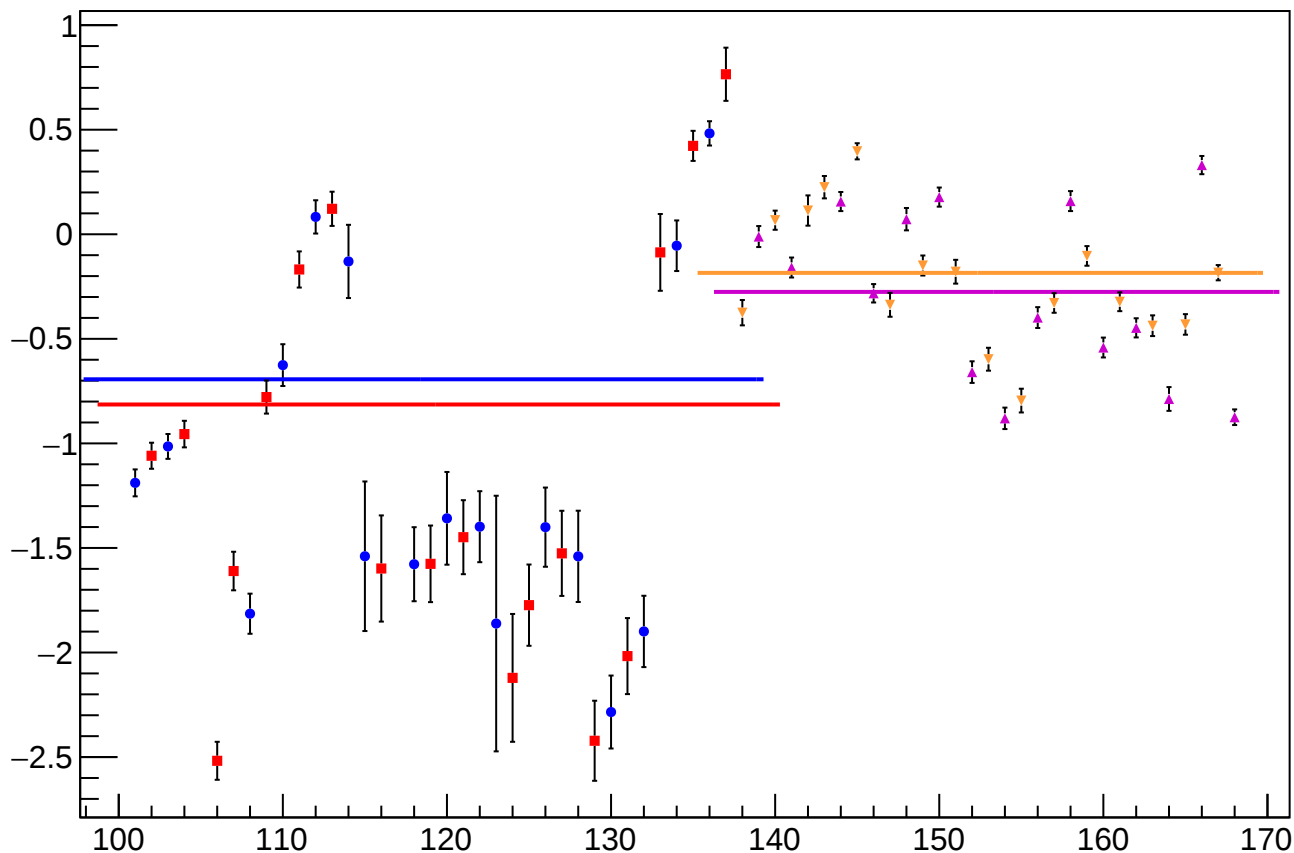
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 114.540 $\pm$ 0.231 χ^2 /NDF:7898.8/31

Out: 116.407 $\pm$ 0.229 χ^2 /NDF:8978.7/33

All: 115.480 $\pm$ 0.163 χ^2 /NDF: 16910.5/65

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: -0.185 ± 0.012 χ^2/NDF : 595.5/15

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.276 ± 0.012 χ^2/NDF : 1123.8/14

Left: -0.230 ± 0.009 χ^2/NDF : 1747.1/30

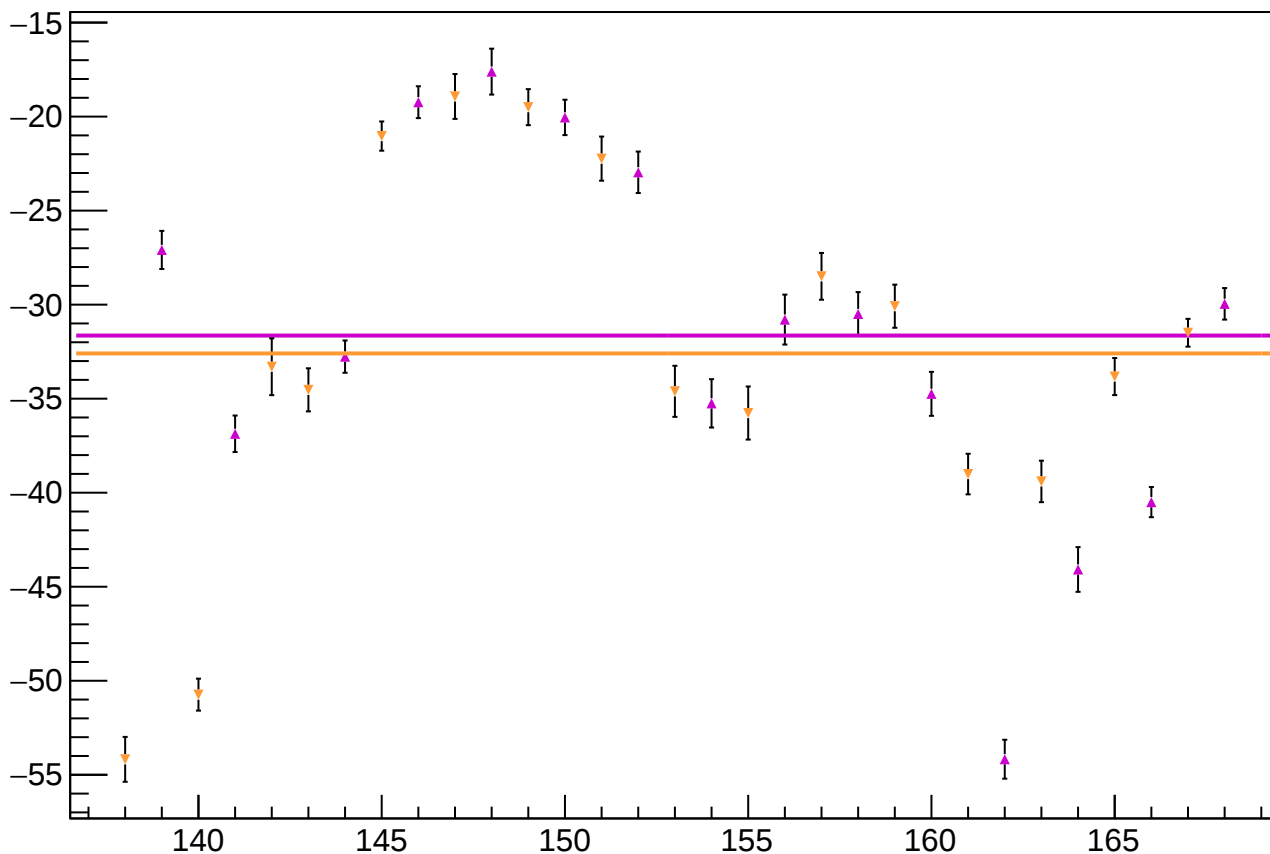
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.352 ± 0.011 χ^2/NDF : 2328.9/31

Out: -0.311 ± 0.011 χ^2/NDF : 2432.4/33

All: -0.331 ± 0.008 χ^2/NDF : 4768.2/65

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



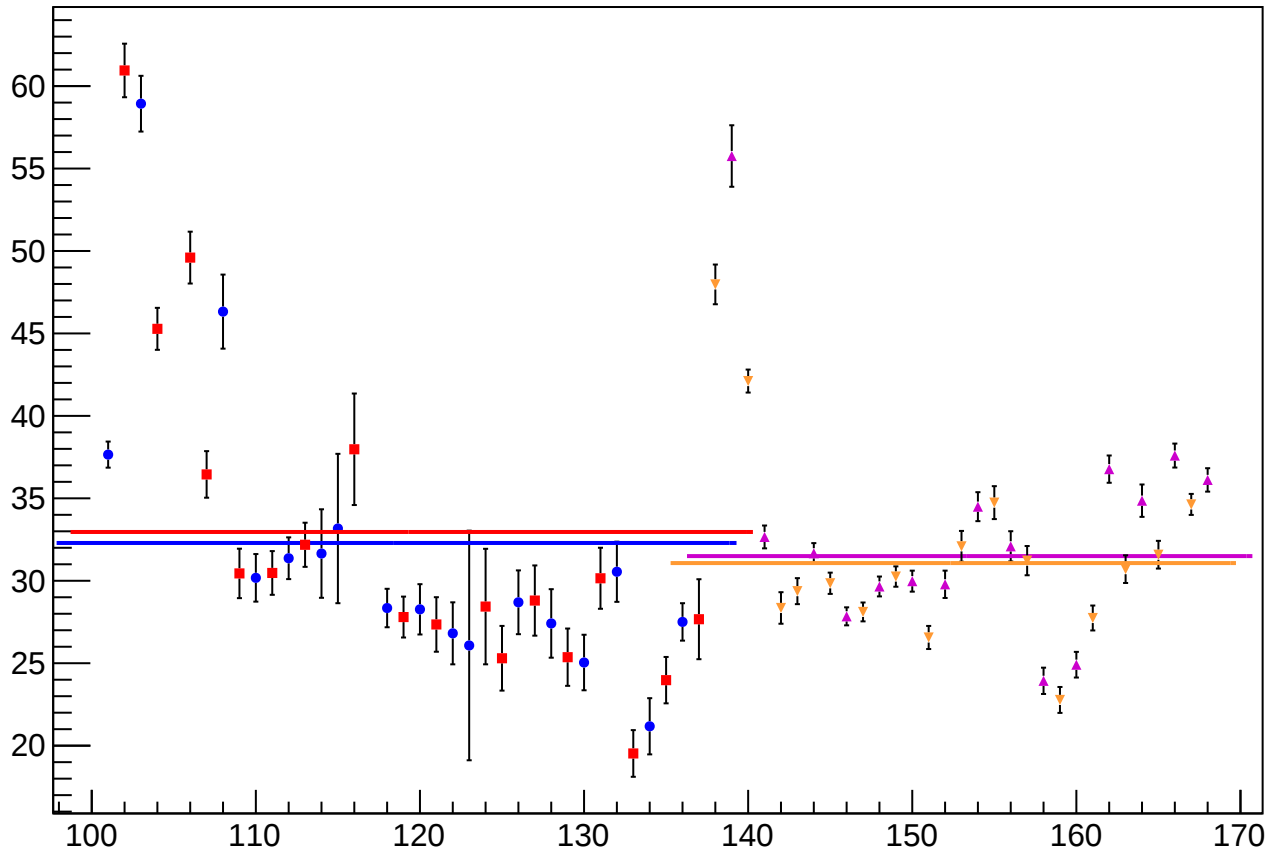
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.594+/-0.263 χ^2/NDF :1503.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.644+/-0.261 χ^2/NDF :1337.6/14

Left: -32.115+/-0.185 χ^2/NDF : 2847.5/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.644+/-0.261 χ^2/NDF :1337.6/14
 Out: -32.594+/-0.263 χ^2/NDF :1503.3/15

All: -32.115+/-0.185 χ^2/NDF : 2847.5/30

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.074 ± 0.190 $\chi^2/\text{NDF}: 711.2/15$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 31.497 ± 0.192 $\chi^2/\text{NDF}: 574.8/14$

Left: 31.283 ± 0.135 $\chi^2/\text{NDF}: 1288.5/30$

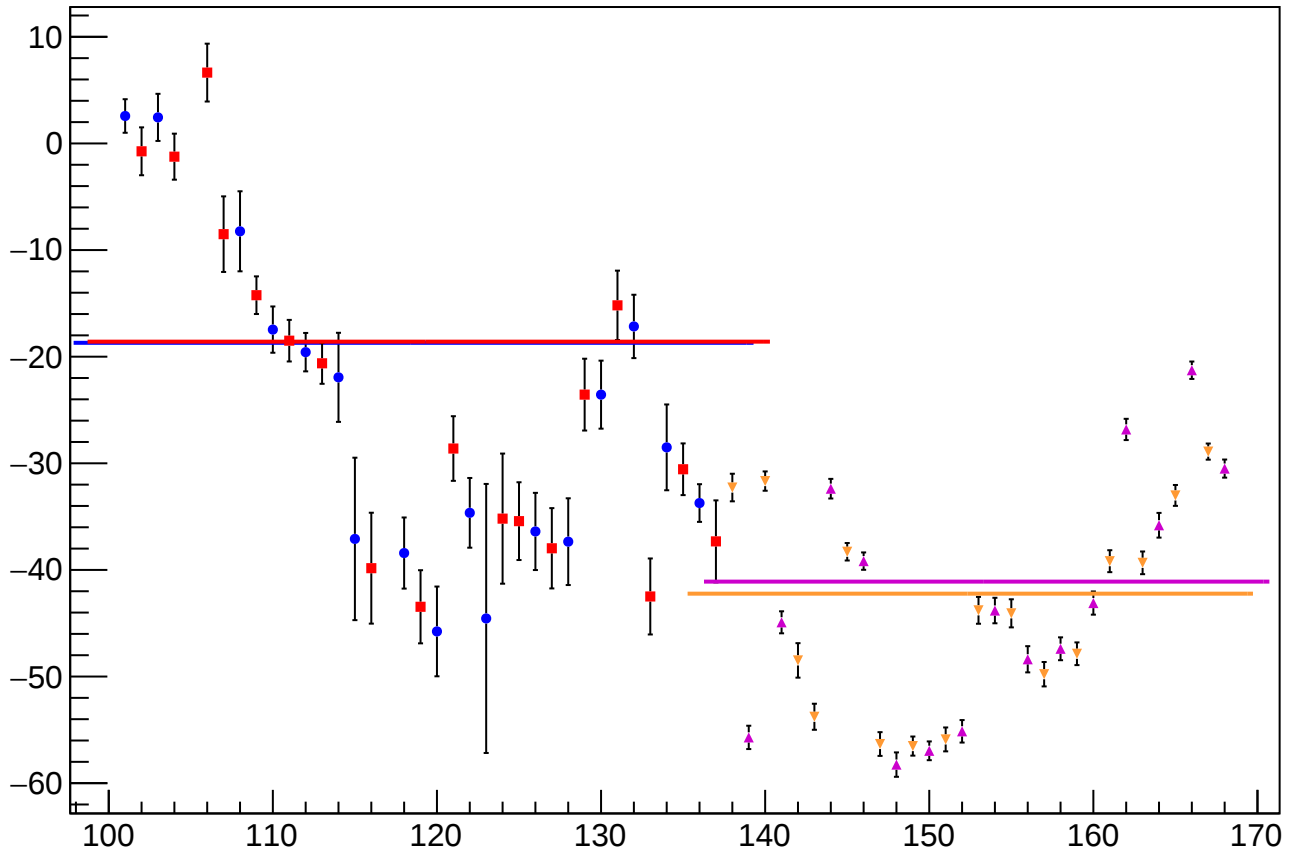
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.663 ± 0.171 $\chi^2/\text{NDF}: 1031.0/31$

Out: 31.452 ± 0.170 $\chi^2/\text{NDF}: 1454.9/33$

All: 31.557 ± 0.120 $\chi^2/\text{NDF}: 2486.6/65$

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: -42.227 ± 0.261 χ^2/NDF : 1375.8/15

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -41.097 ± 0.257 χ^2/NDF : 2063.8/14

Left: -41.653 ± 0.183 χ^2/NDF : 3449.1/30

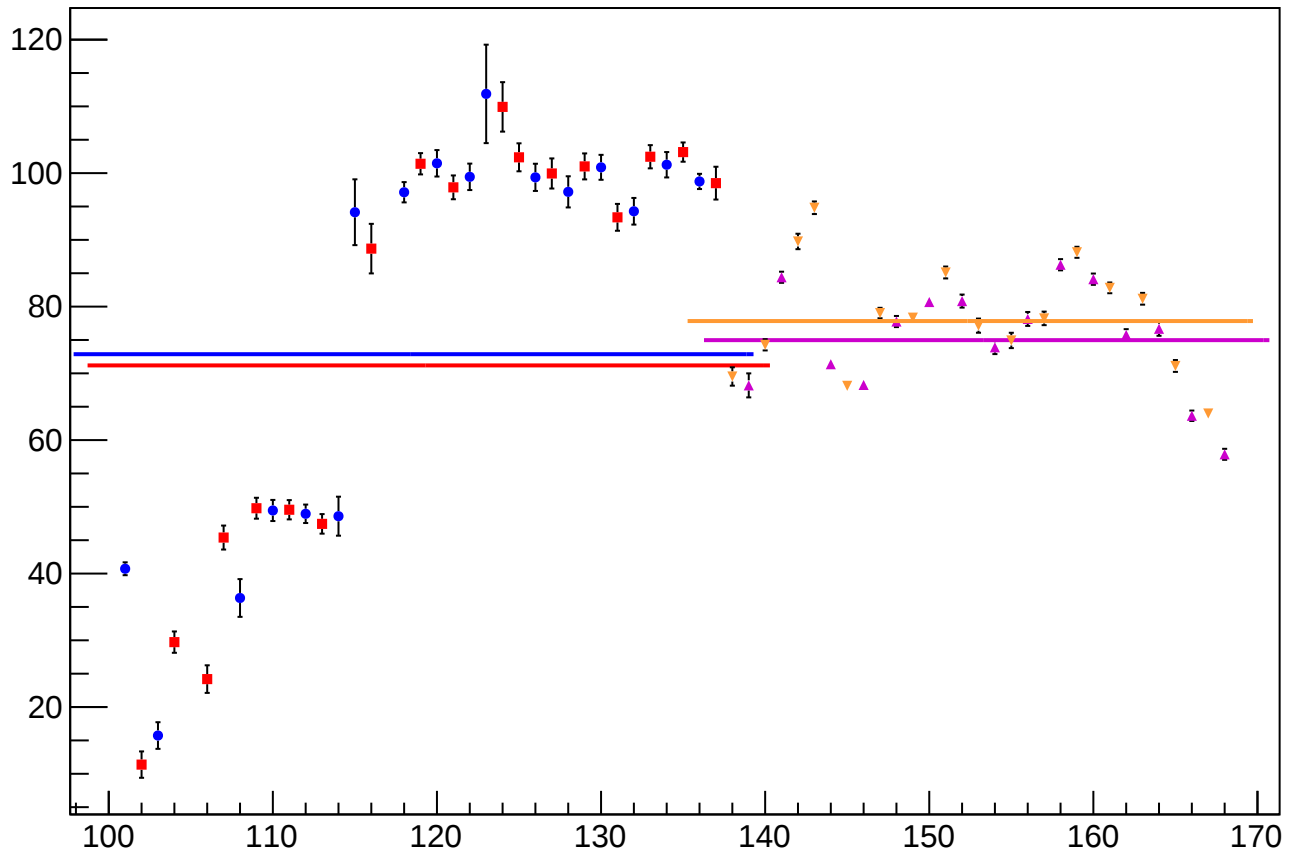
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -38.196 ± 0.240 χ^2/NDF : 3565.8/31

Out: -38.922 ± 0.242 χ^2/NDF : 2983.2/33

All: -38.556 ± 0.170 χ^2/NDF : 6553.6/65

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 77.837 $\pm$ 0.221 χ^2 /NDF:1393.4/15

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 74.976 $\pm$ 0.222 χ^2 /NDF:1325.6/14

Left: 76.418 $\pm$ 0.157 χ^2 /NDF: 2802.4/30

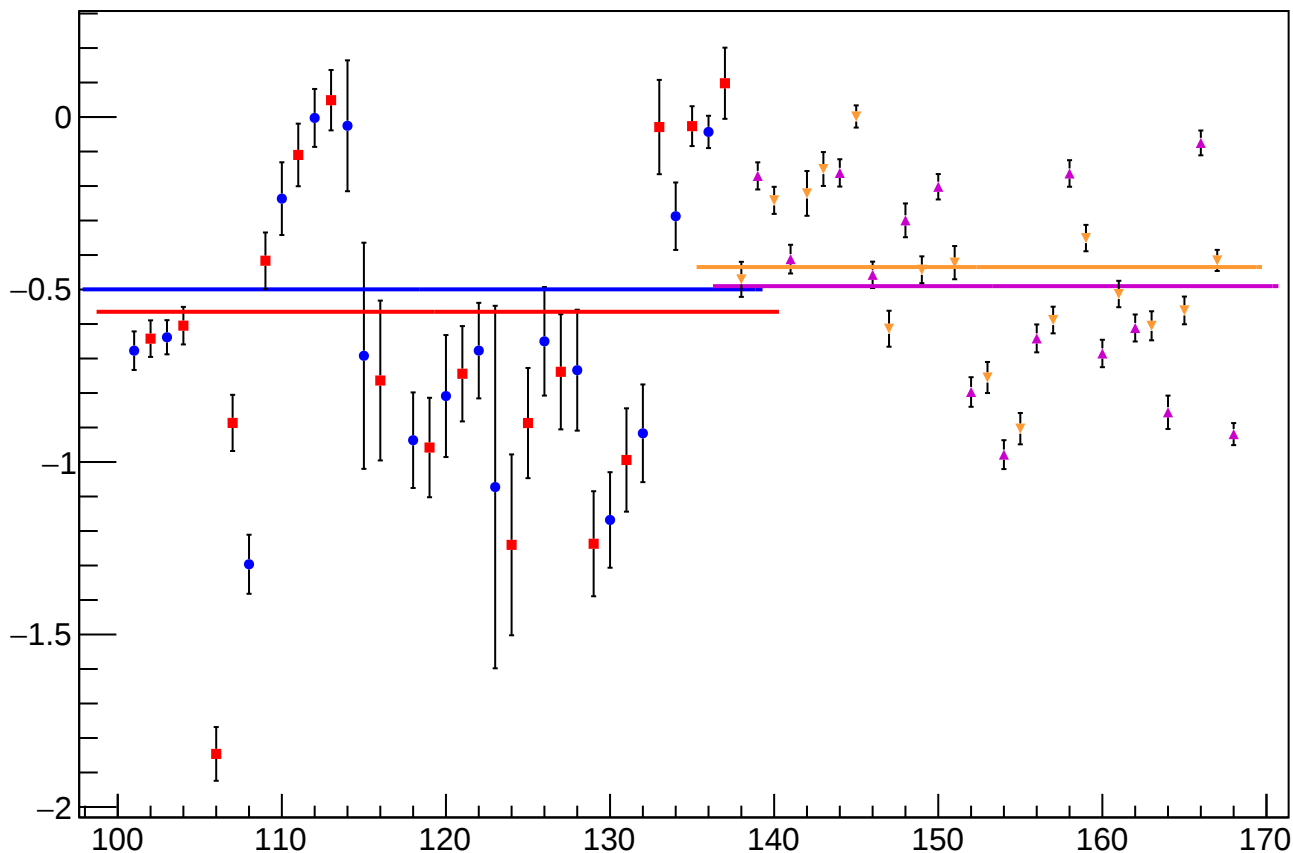
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.526 $\pm$ 0.197 χ^2 /NDF:6071.8/31

Out: 76.473 $\pm$ 0.197 χ^2 /NDF:6954.9/33

All: 75.502 $\pm$ 0.139 χ^2 /NDF: 13075.6/65

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: -0.435 ± 0.010 χ^2/NDF : 473.0/15

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.490 ± 0.010 χ^2/NDF : 892.7/14

Left: -0.463 ± 0.007 χ^2/NDF : 1380.2/30

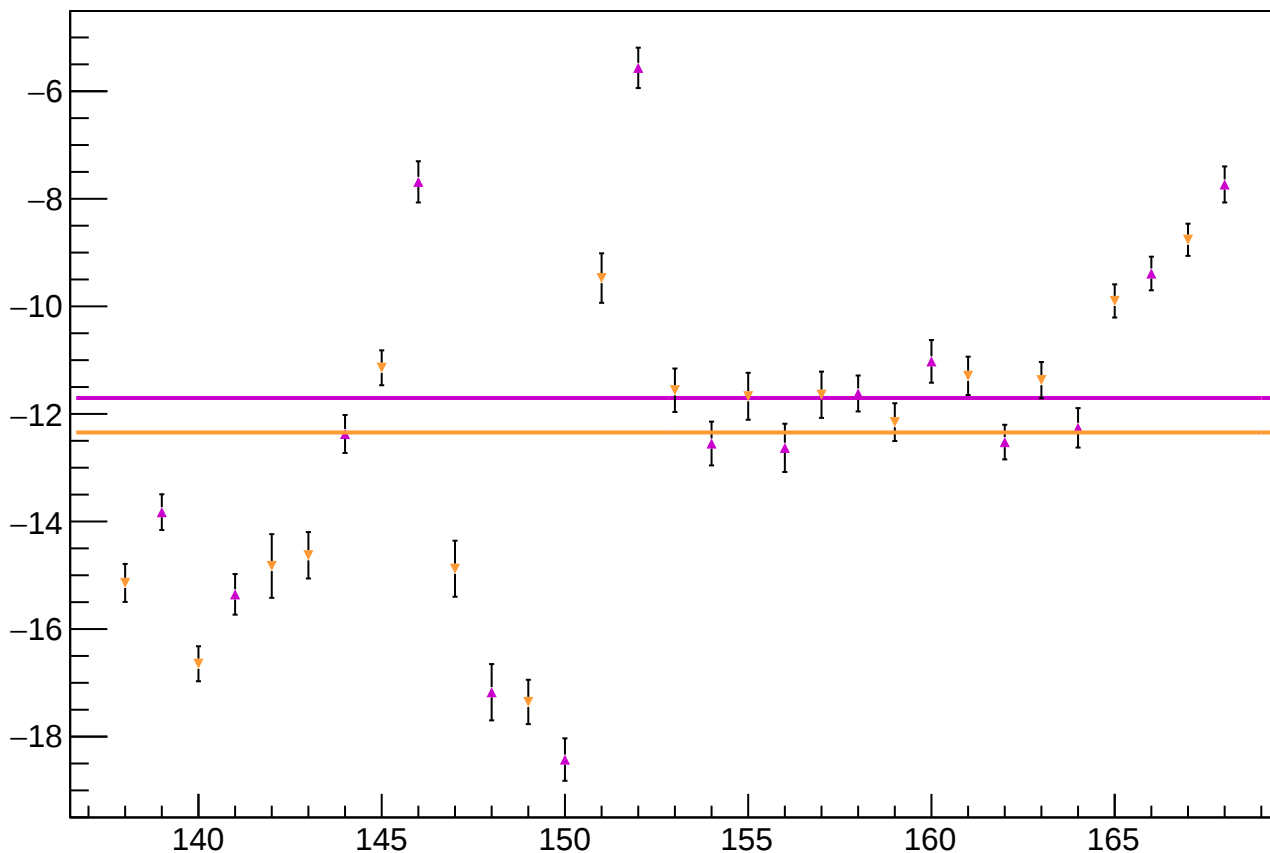
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.492 ± 0.009 χ^2/NDF : 1195.5/31

Out: -0.459 ± 0.009 χ^2/NDF : 1061.8/33

All: -0.475 ± 0.007 χ^2/NDF : 2263.5/65

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: -12.345+/-0.094 χ^2/NDF : 739.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.704+/-0.095 χ^2/NDF : 1130.2/14

Left: -12.027+/-0.067 χ^2/NDF : 1892.4/30

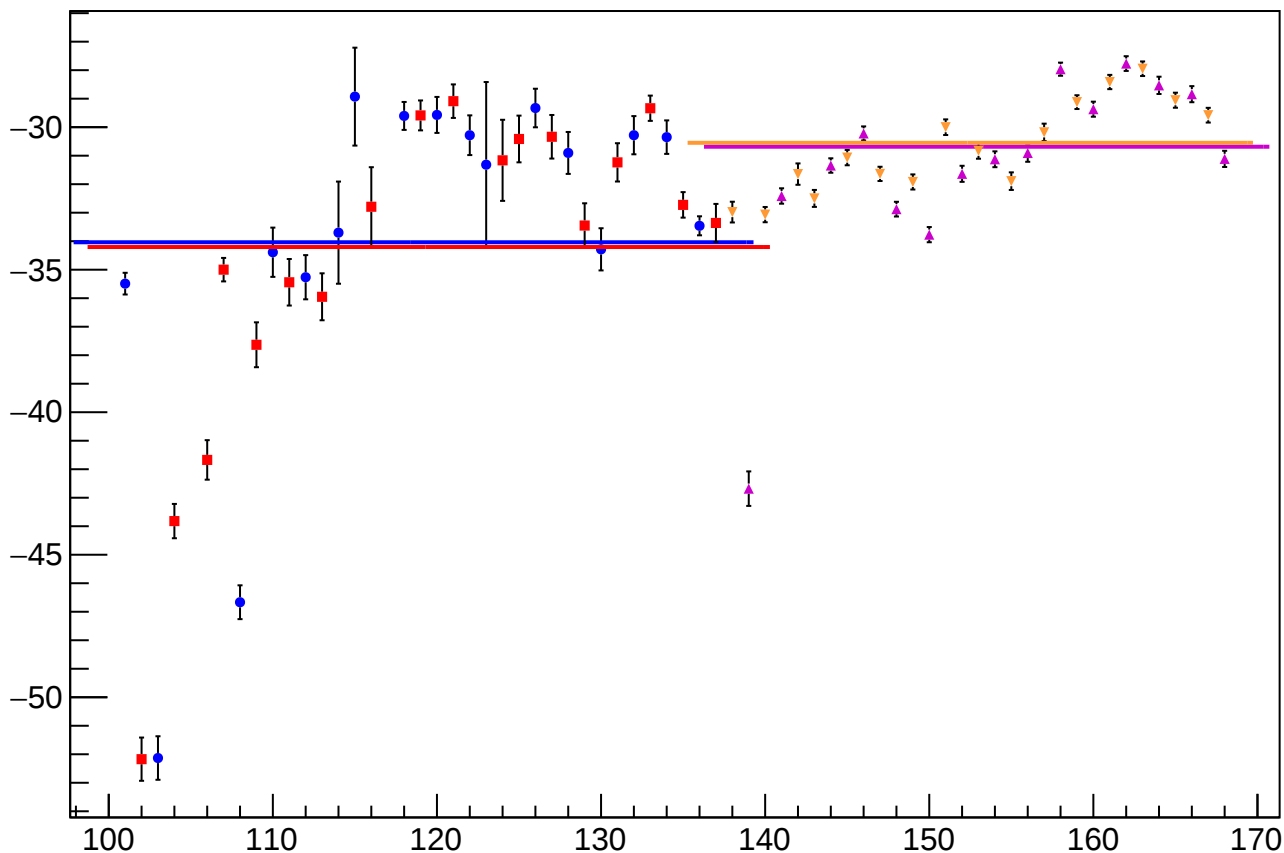
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.704+/-0.095 χ^2/NDF : 1130.2/14

Out: -12.345+/-0.094 χ^2/NDF : 739.3/15

All: -12.027+/-0.067 χ^2/NDF : 1892.4/30

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: -30.547 ± 0.069 χ^2/NDF : 516.6/15

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.685 ± 0.071 χ^2/NDF : 1050.8/14

Left: -30.614 ± 0.050 χ^2/NDF : 1569.3/30

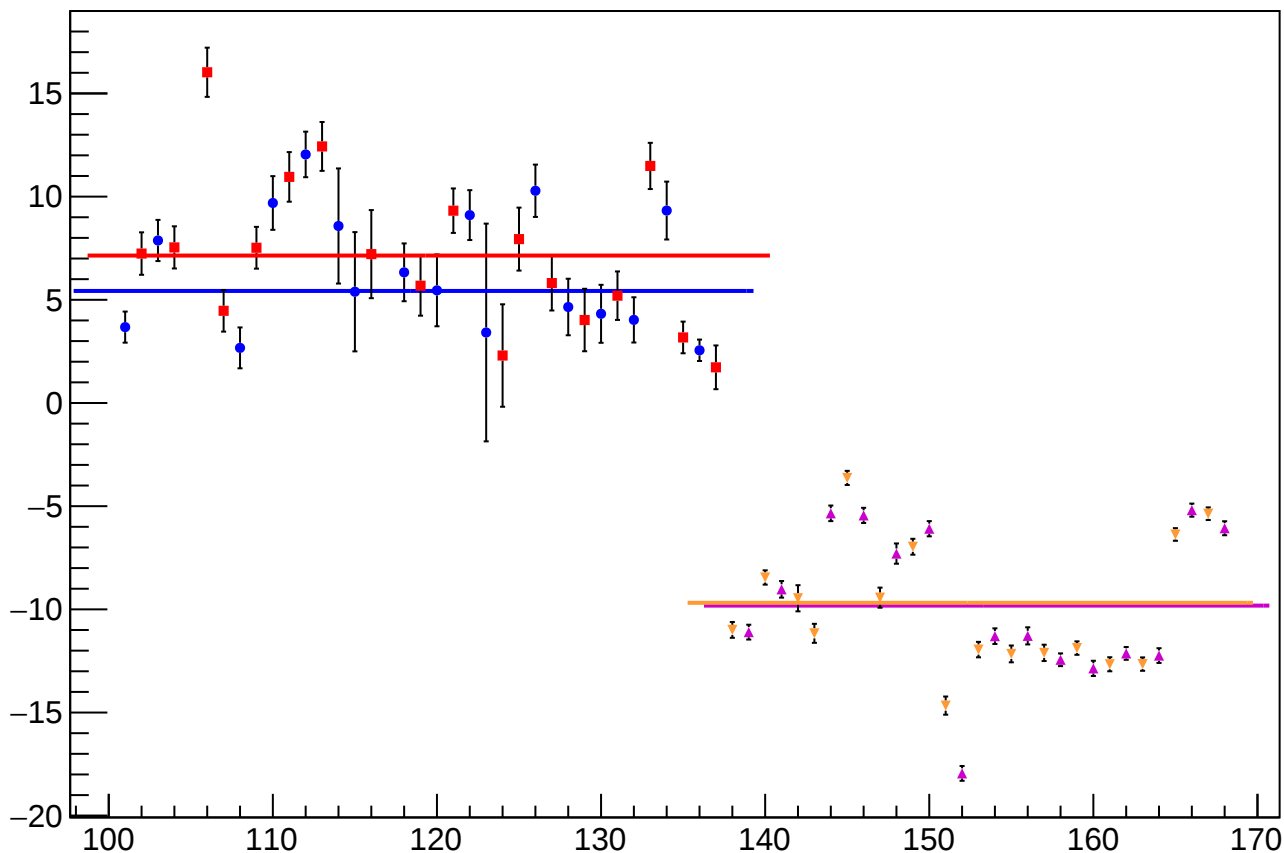
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -31.296 ± 0.064 χ^2/NDF : 2797.6/31

Out: -31.183 ± 0.063 χ^2/NDF : 2323.3/33

All: -31.238 ± 0.045 χ^2/NDF : 5122.4/65

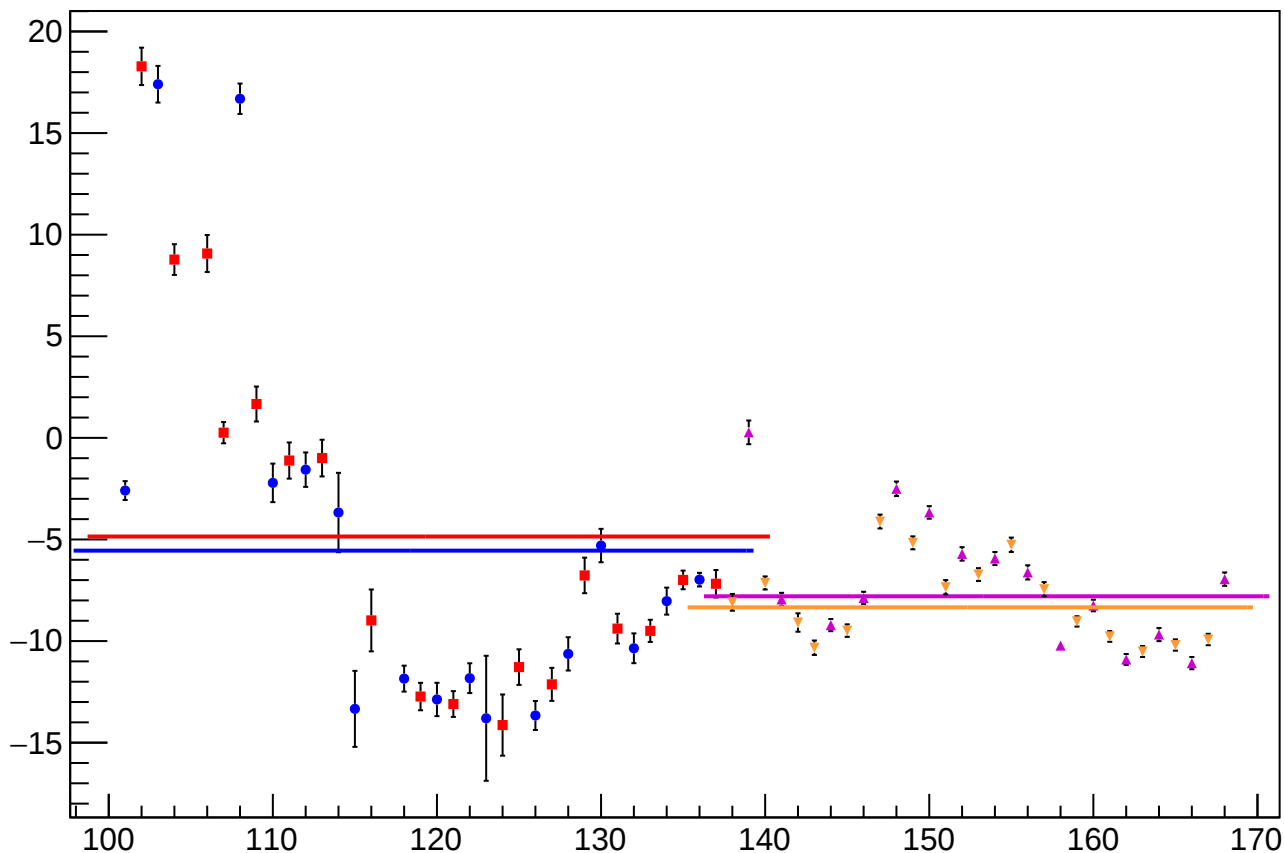
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16
 Left Out: -9.682 ± 0.093 χ^2/NDF : 1155.7/15
 Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17
 Left In: -9.818 ± 0.093 χ^2/NDF : 1543.0/14

Left: -9.750 ± 0.066 χ^2/NDF : 2699.8/30
 Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34
 In: -8.192 ± 0.088 χ^2/NDF : 4526.8/31
 Out: -7.950 ± 0.088 χ^2/NDF : 4693.5/33
 All: -8.071 ± 0.062 χ^2/NDF : 9224.2/65

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: -8.340 ± 0.079 χ^2/NDF : 605.4/15

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -7.796 ± 0.081 χ^2/NDF : 1090.8/14

Left: -8.075 ± 0.057 χ^2/NDF : 1719.3/30

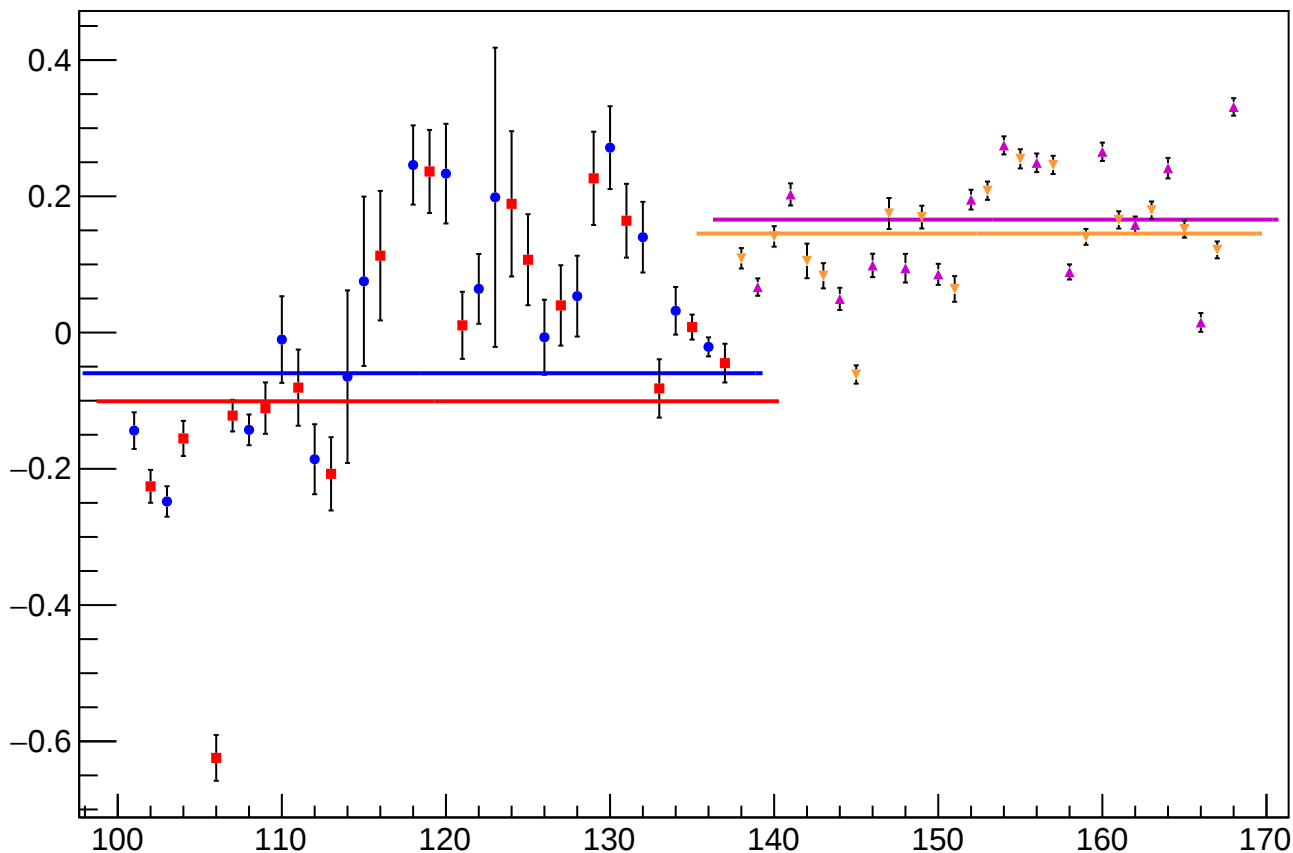
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.381 ± 0.073 χ^2/NDF : 3359.5/31

Out: -7.737 ± 0.072 χ^2/NDF : 2955.0/33

All: -7.562 ± 0.051 χ^2/NDF : 6326.5/65

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: 0.145 ± 0.004 χ^2/NDF : 432.1/15

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.166 ± 0.004 χ^2/NDF : 692.8/14

Left: 0.156 ± 0.003 χ^2/NDF : 1140.7/30

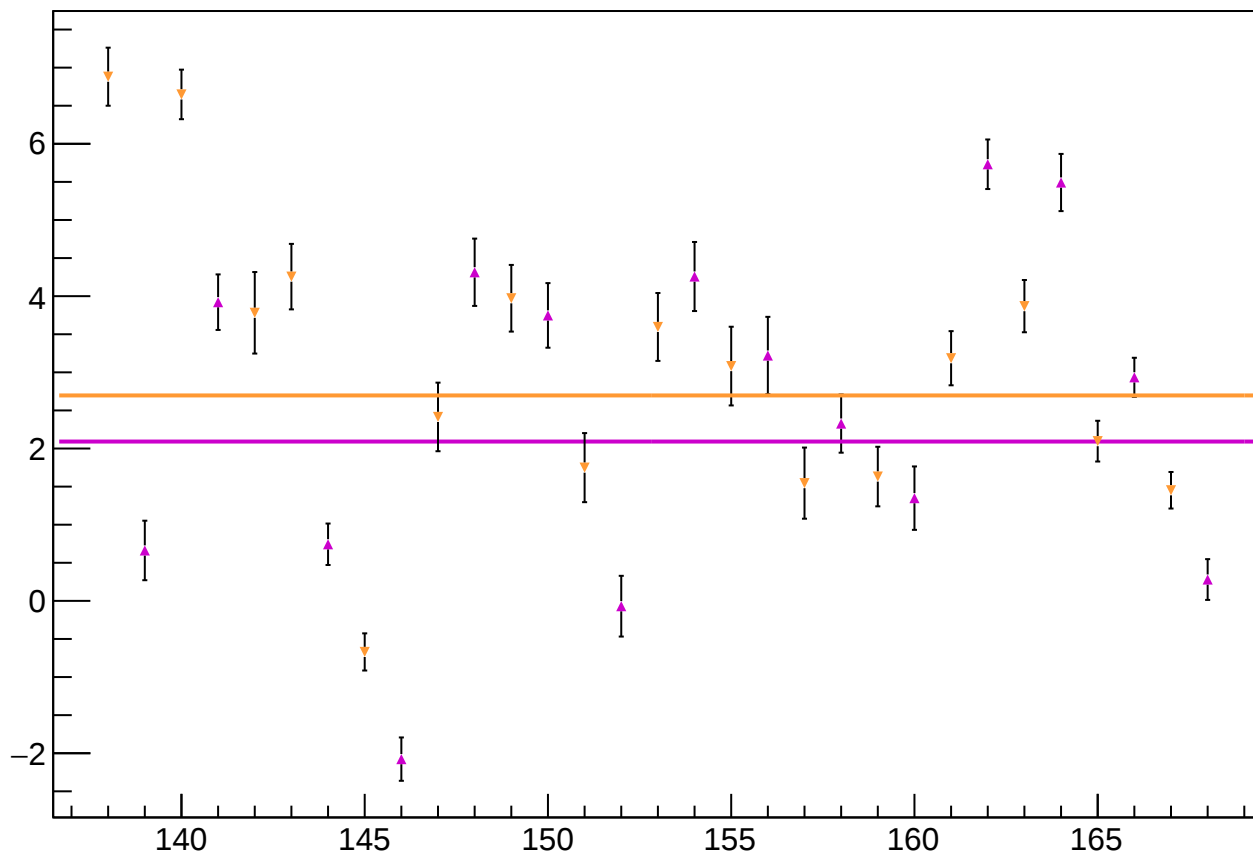
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.130 ± 0.003 χ^2/NDF : 1516.5/31

Out: 0.107 ± 0.003 χ^2/NDF : 1577.9/33

All: 0.118 ± 0.002 χ^2/NDF : 3118.4/65

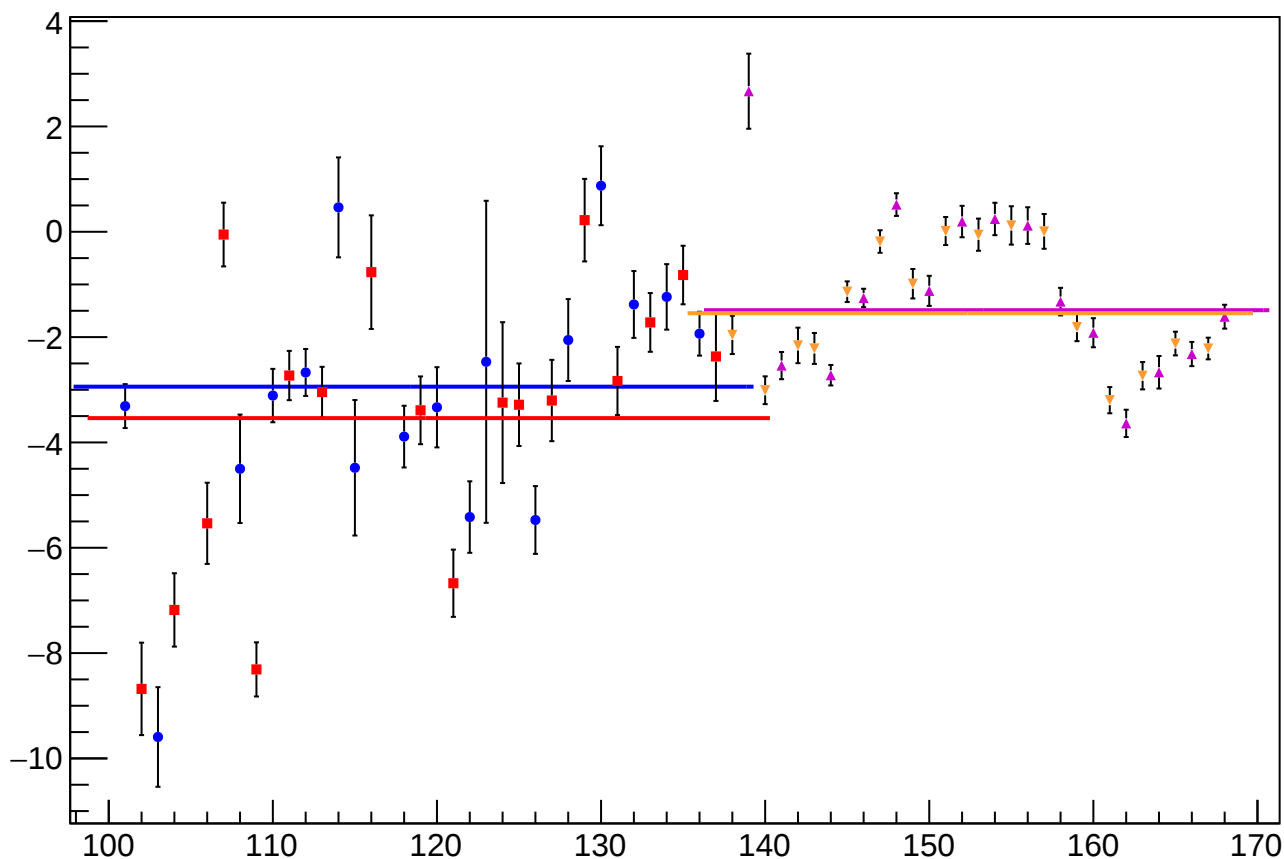
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.697 $\pm$ 0.090 χ^2 /NDF:552.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.092 $\pm$ 0.090 χ^2 /NDF:643.0/14

Left: 2.395 $\pm$ 0.063 χ^2 /NDF: 1218.7/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.092 $\pm$ 0.090 χ^2 /NDF:643.0/14
 Out: 2.697 $\pm$ 0.090 χ^2 /NDF:552.9/15
 All: 2.395 $\pm$ 0.063 χ^2 /NDF: 1218.7/30

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.547 ± 0.066 χ^2/NDF : 273.6/15

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.489 ± 0.066 χ^2/NDF : 365.3/14

Left: -1.518 ± 0.046 χ^2/NDF : 639.3/30

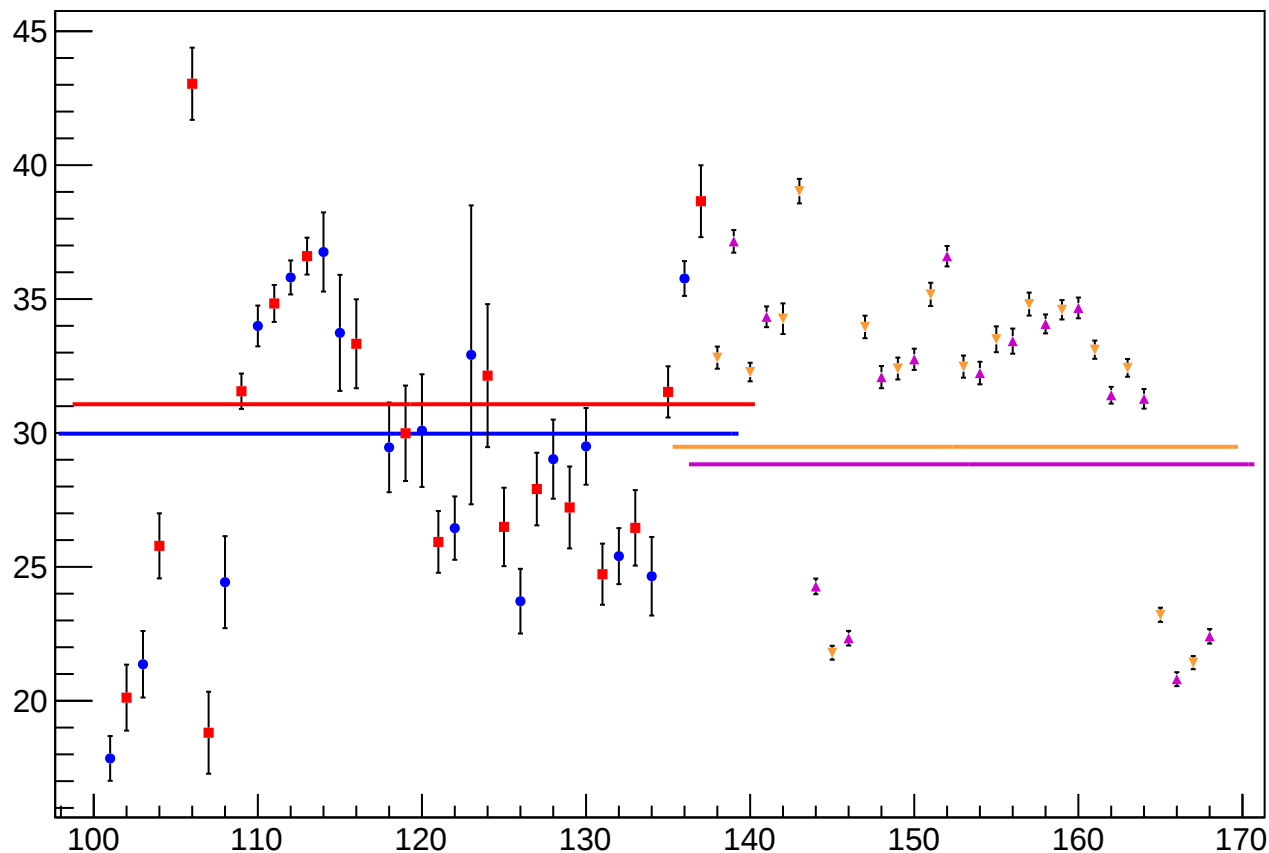
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.712 ± 0.060 χ^2/NDF : 585.9/31

Out: -1.850 ± 0.060 χ^2/NDF : 697.8/33

All: -1.781 ± 0.043 χ^2/NDF : 1286.4/65

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 29.484 ± 0.089 $\chi^2/\text{NDF}: 4148.3/15$

Right Out: 31.073 ± 0.260 $\chi^2/\text{NDF}: 453.4/17$

Left In: 28.830 ± 0.089 $\chi^2/\text{NDF}: 4206.8/14$

Left: 29.154 ± 0.063 $\chi^2/\text{NDF}: 8382.2/30$

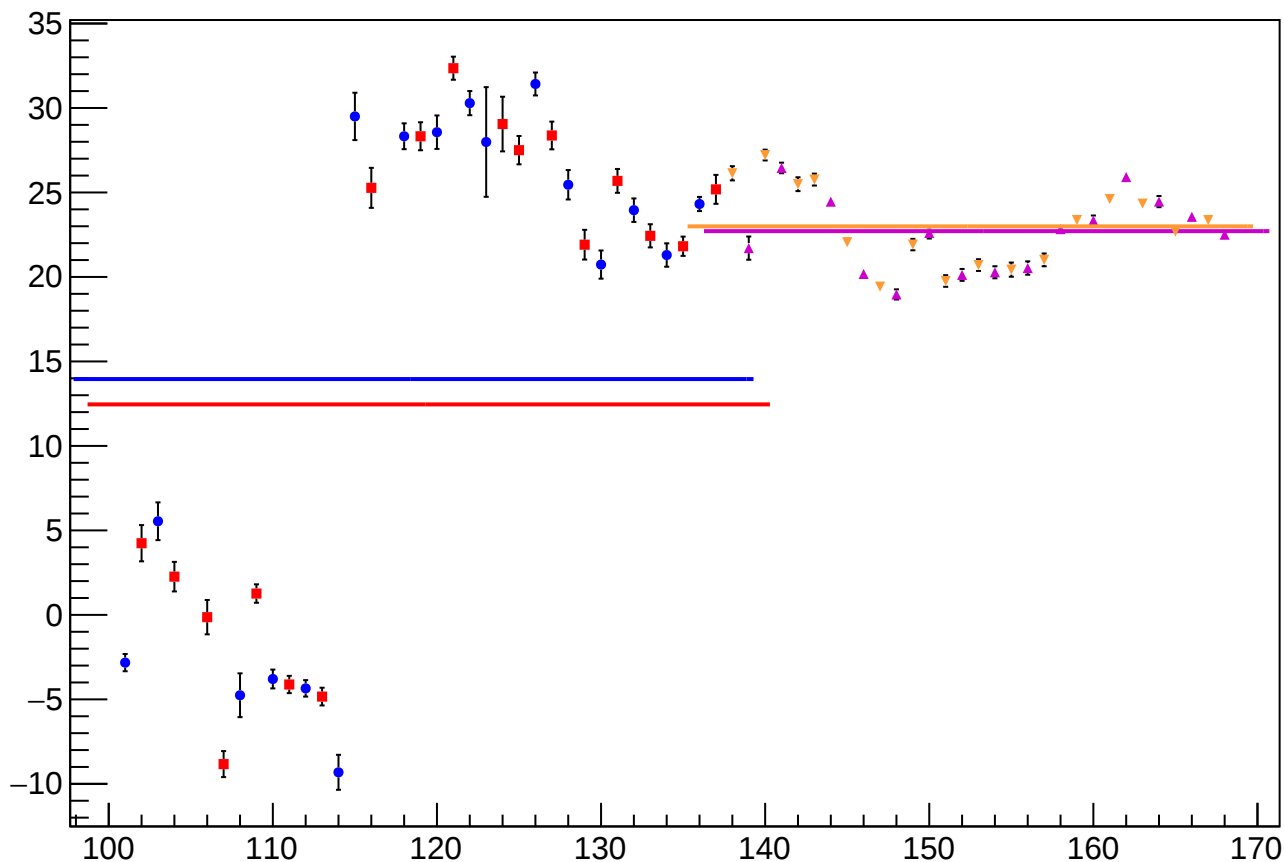
Right: 30.537 ± 0.187 $\chi^2/\text{NDF}: 1016.0/34$

In: 28.943 ± 0.084 $\chi^2/\text{NDF}: 4777.3/31$

Out: 29.651 ± 0.084 $\chi^2/\text{NDF}: 4635.0/33$

All: 29.296 ± 0.060 $\chi^2/\text{NDF}: 9447.6/65$

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: 22.995 $\pm$ 0.075 χ^2 /NDF: 765.9/15

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.712 $\pm$ 0.076 χ^2 /NDF: 807.7/14

Left: 22.855 $\pm$ 0.054 χ^2 /NDF: 1580.5/30

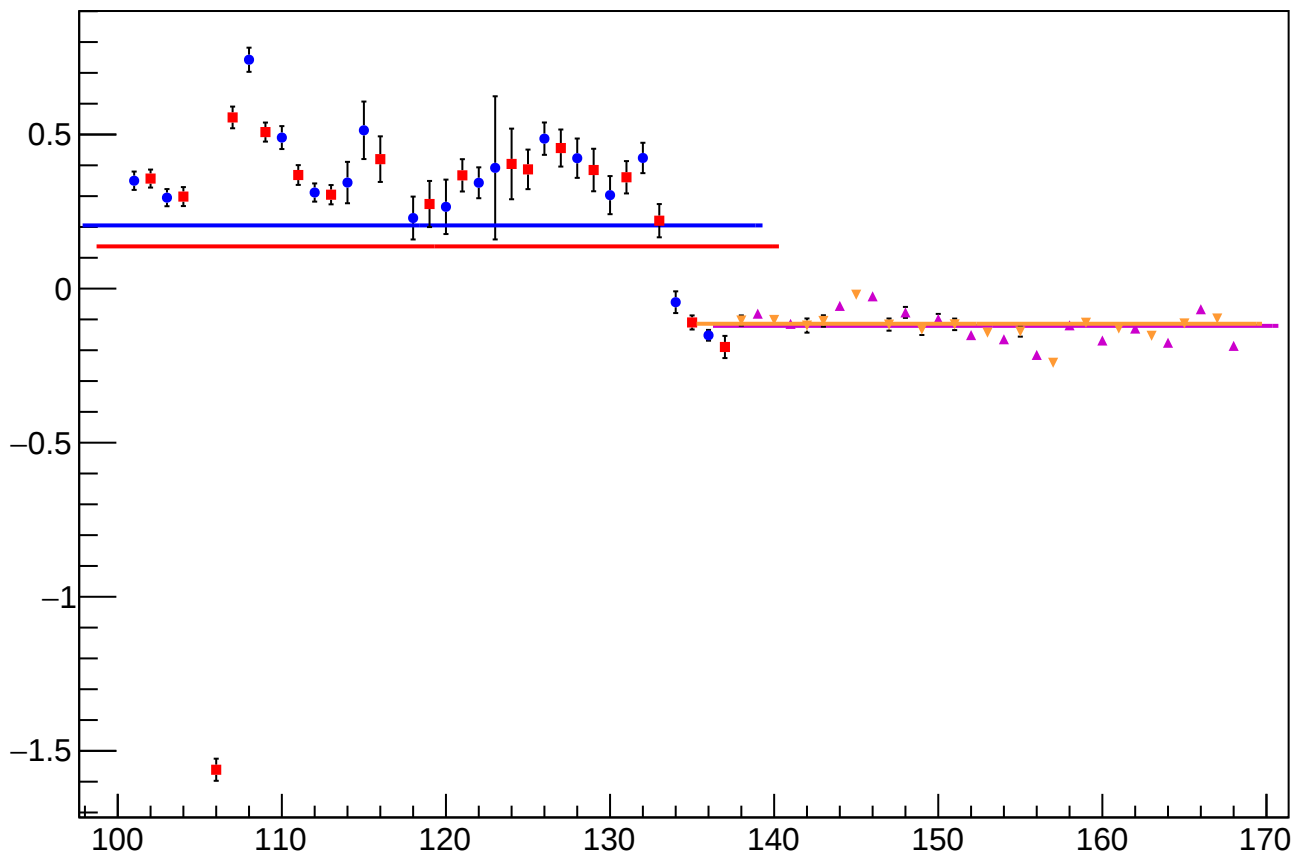
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.281 $\pm$ 0.070 χ^2 /NDF: 10316.1/31

Out: 21.326 $\pm$ 0.069 χ^2 /NDF: 10841.9/33

All: 21.303 $\pm$ 0.049 χ^2 /NDF: 21158.2/65

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: -0.114 ± 0.004 χ^2/NDF : 184.2/15

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.121 ± 0.004 χ^2/NDF : 235.4/14

Left: -0.117 ± 0.002 χ^2/NDF : 421.5/30

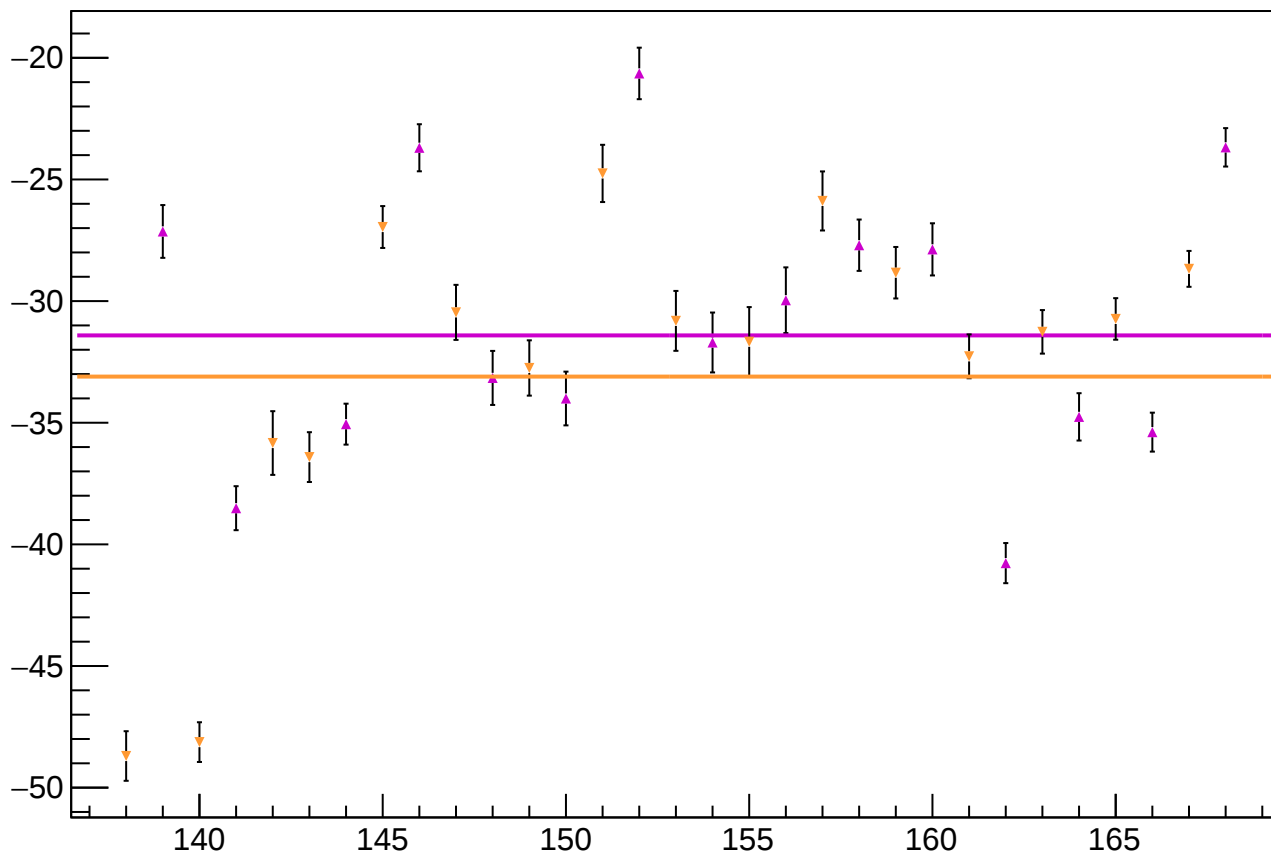
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.080 ± 0.003 χ^2/NDF : 2141.2/31

Out: -0.082 ± 0.003 χ^2/NDF : 3839.7/33

All: -0.081 ± 0.002 χ^2/NDF : 5981.1/65

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



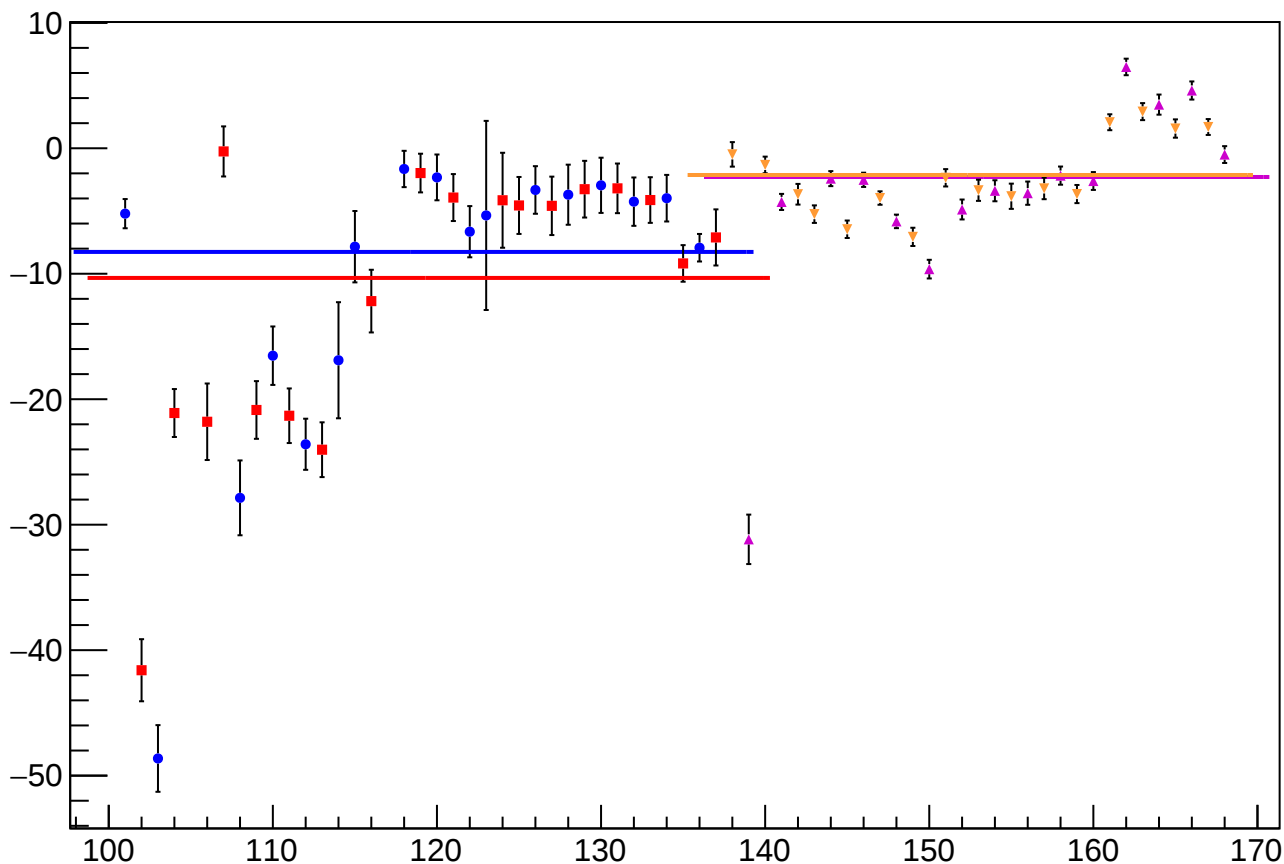
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.103 $\pm$ 0.250 χ^2/NDF :799.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -31.410 $\pm$ 0.252 χ^2/NDF :556.4/14

Left: -32.265 $\pm$ 0.177 χ^2/NDF : 1378.6/30
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.410 $\pm$ 0.252 χ^2/NDF :556.4/14
 Out: -33.103 $\pm$ 0.250 χ^2/NDF :799.4/15

All: -32.265 $\pm$ 0.177 χ^2/NDF : 1378.6/30

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -2.130 ± 0.179 $\chi^2/\text{NDF}: 296.8/15$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -2.289 ± 0.183 $\chi^2/\text{NDF}: 706.8/14$

Left: -2.208 ± 0.128 $\chi^2/\text{NDF}: 1004.0/30$

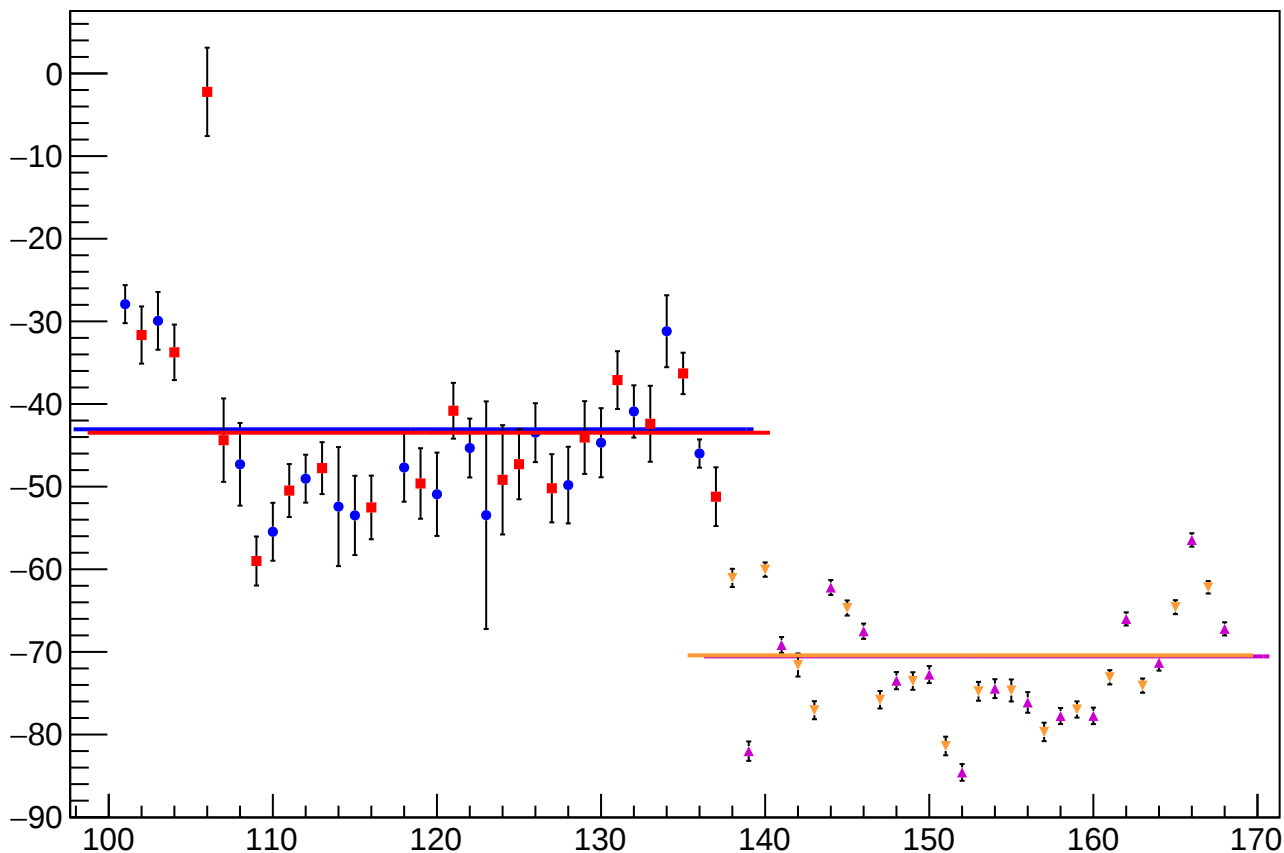
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -3.096 ± 0.170 $\chi^2/\text{NDF}: 1262.8/31$

Out: -3.096 ± 0.169 $\chi^2/\text{NDF}: 953.9/33$

All: -3.096 ± 0.120 $\chi^2/\text{NDF}: 2216.7/65$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -70.416 ± 0.248 $\chi^2/\text{NDF}: 752.2/15$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -70.545 ± 0.248 $\chi^2/\text{NDF}: 887.1/14$

Left: -70.480 ± 0.175 $\chi^2/\text{NDF}: 1639.5/30$

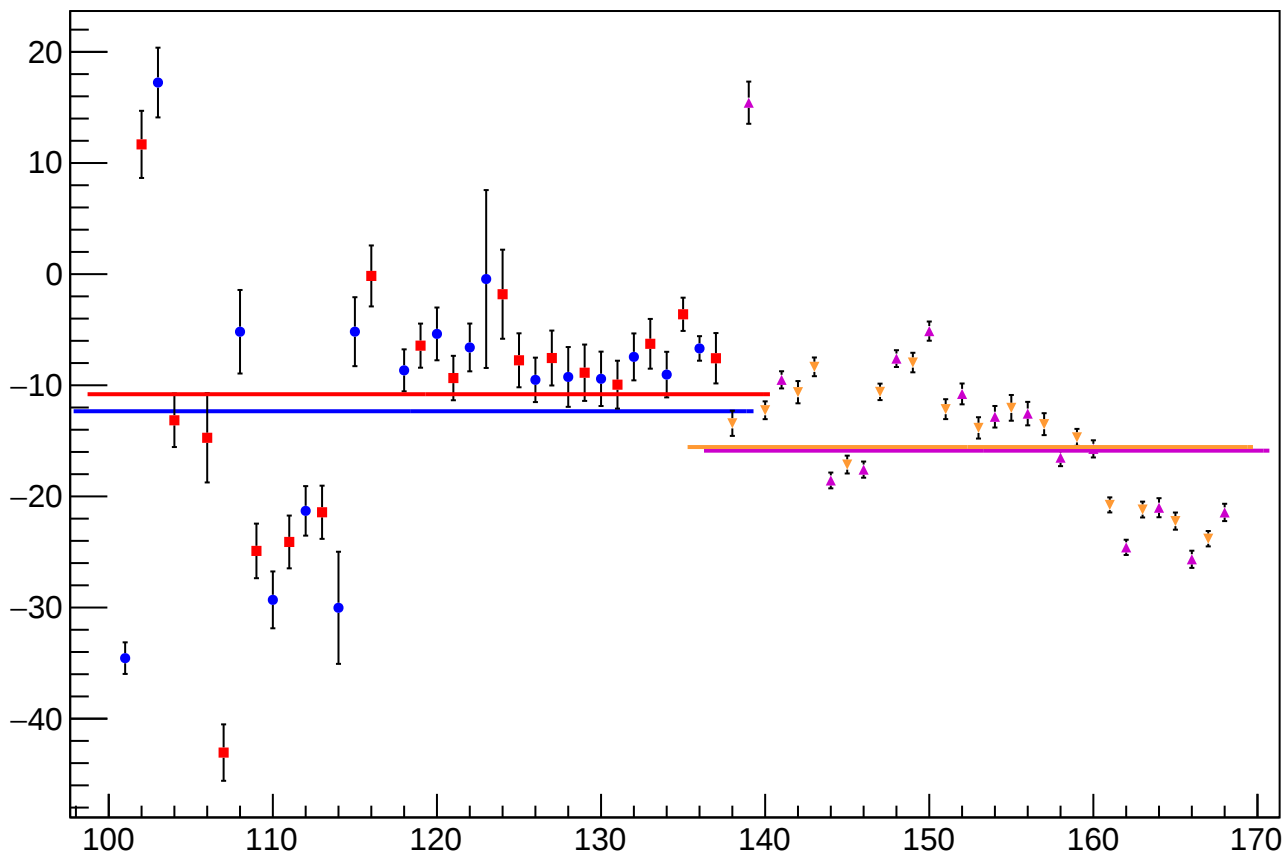
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -68.320 ± 0.238 $\chi^2/\text{NDF}: 1980.9/31$

Out: -68.385 ± 0.239 $\chi^2/\text{NDF}: 1783.9/33$

All: -68.352 ± 0.168 $\chi^2/\text{NDF}: 3764.8/65$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -15.557 ± 0.208 χ^2/NDF : 612.4/15

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -15.884 ± 0.212 χ^2/NDF : 1093.1/14

Left: -15.717 ± 0.148 χ^2/NDF : 1706.7/30

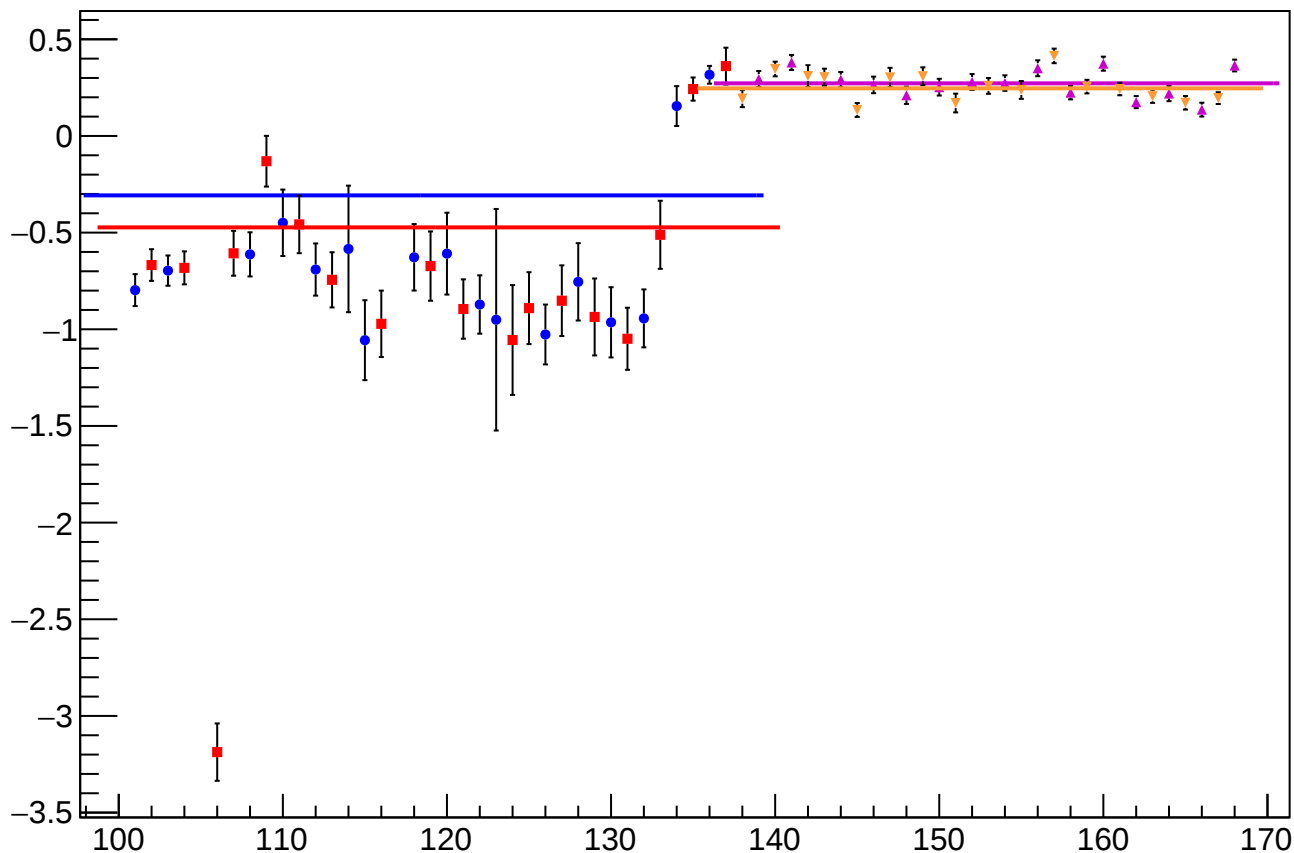
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -15.378 ± 0.196 χ^2/NDF : 1608.1/31

Out: -14.971 ± 0.195 χ^2/NDF : 1038.4/33

All: -15.172 ± 0.138 χ^2/NDF : 2648.6/65

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: -0.246 ± 0.010 χ^2/NDF : 55.5/15

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.272 ± 0.010 χ^2/NDF : 58.8/14

Left: 0.259 ± 0.007 χ^2/NDF : 117.7/30

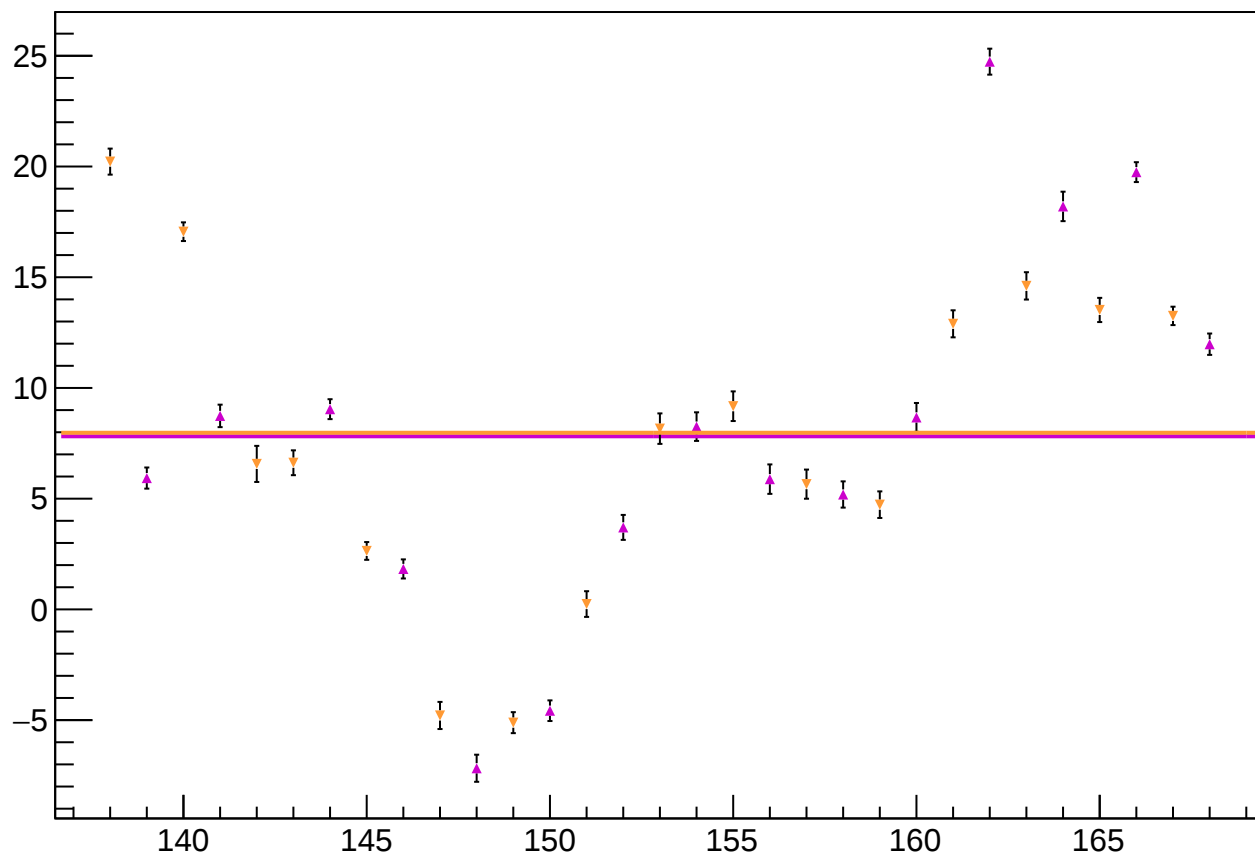
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.207 ± 0.009 χ^2/NDF : 824.0/31

Out: 0.171 ± 0.009 χ^2/NDF : 1247.4/33

All: 0.189 ± 0.007 χ^2/NDF : 2078.9/65

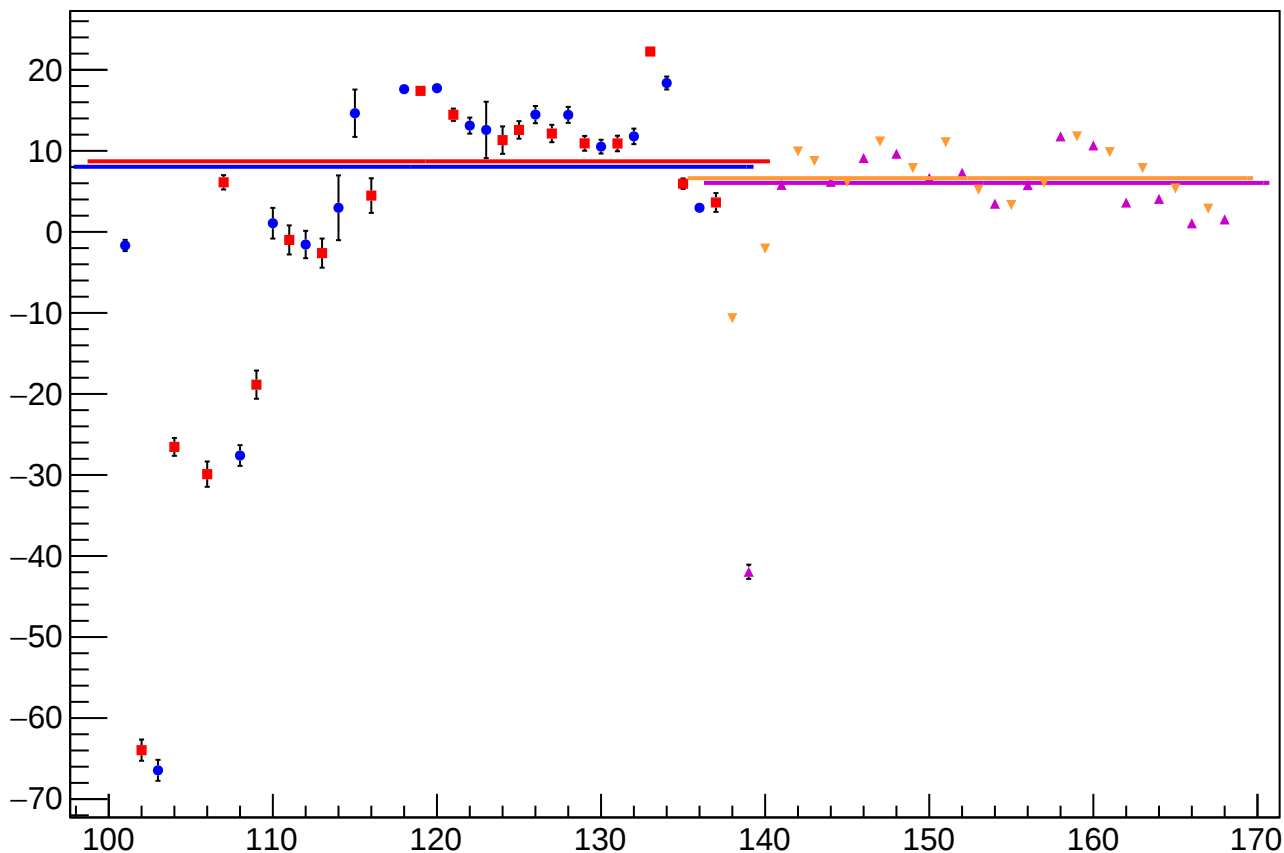
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.976+/-0.137 χ^2/NDF :2948.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.817+/-0.137 χ^2/NDF :3466.7/14

Left: 7.897+/-0.097 χ^2/NDF : 6415.8/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.817+/-0.137 χ^2/NDF :3466.7/14
 Out: 7.976+/-0.137 χ^2/NDF :2948.4/15
 All: 7.897+/-0.097 χ^2/NDF : 6415.8/30

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: 6.632 ± 0.098 χ^2/NDF : 2347.9/15

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.045 ± 0.100 χ^2/NDF : 3913.5/14

Left: 6.344 ± 0.070 χ^2/NDF : 6278.8/30

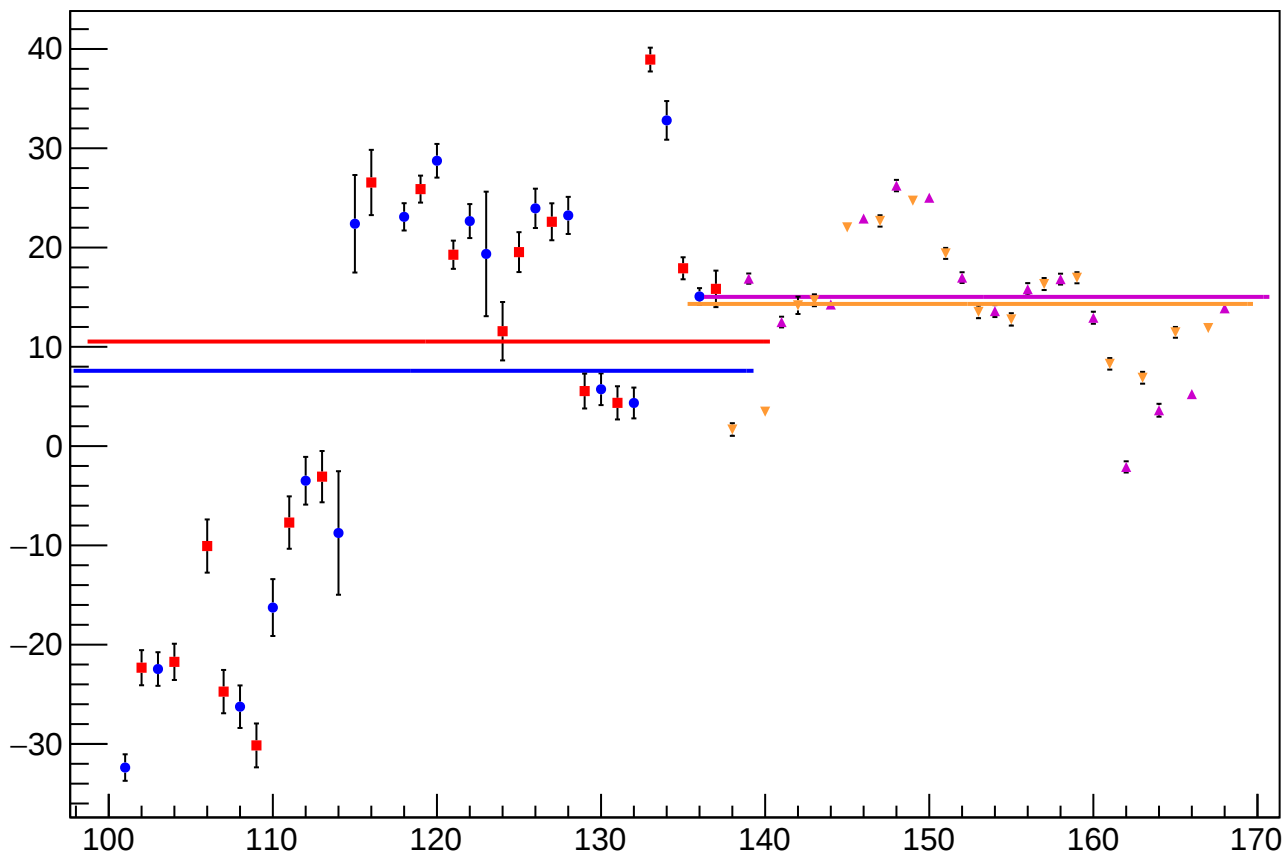
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.401 ± 0.091 χ^2/NDF : 9353.9/31

Out: 6.997 ± 0.089 χ^2/NDF : 8716.3/33

All: 6.704 ± 0.064 χ^2/NDF : 18092.1/65

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

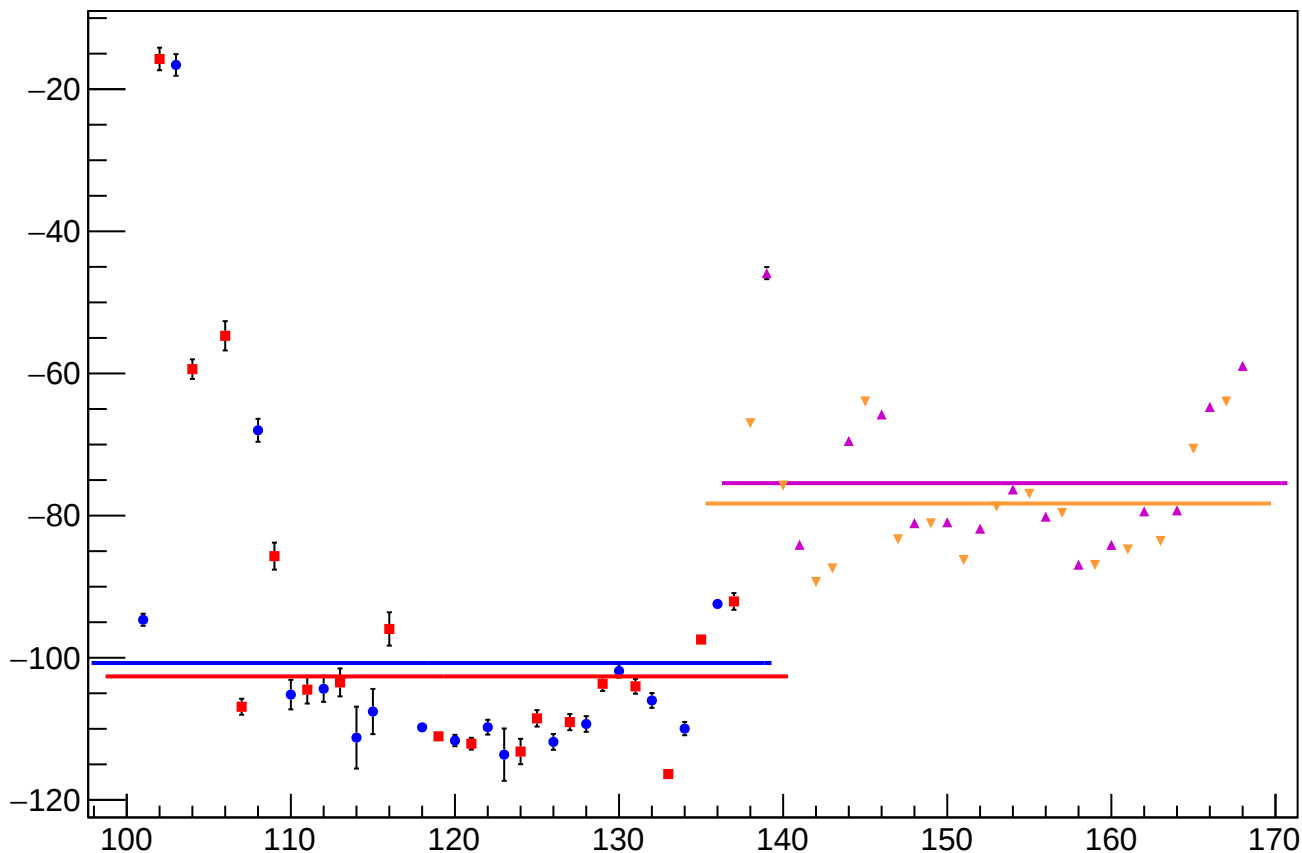


Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$
 Left Out: 14.321 ± 0.136 $\chi^2/\text{NDF}: 2521.3/15$
 Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$
 Left In: 15.031 ± 0.135 $\chi^2/\text{NDF}: 3044.2/14$

Left: 14.679 ± 0.096 $\chi^2/\text{NDF}: 5579.2/30$
 Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$
 In: 14.324 ± 0.128 $\chi^2/\text{NDF}: 5656.5/31$
 Out: 13.958 ± 0.129 $\chi^2/\text{NDF}: 4875.2/33$

All: 14.143 ± 0.091 $\chi^2/\text{NDF}: 10535.8/65$

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: -78.296 ± 0.115 $\chi^2/\text{NDF}: 5313.3/15$

Right Out: -102.625 ± 0.246 $\chi^2/\text{NDF}: 5716.3/17$

Left In: -75.430 ± 0.117 $\chi^2/\text{NDF}: 6280.2/14$

Left: -76.887 ± 0.082 $\chi^2/\text{NDF}: 11900.2/30$

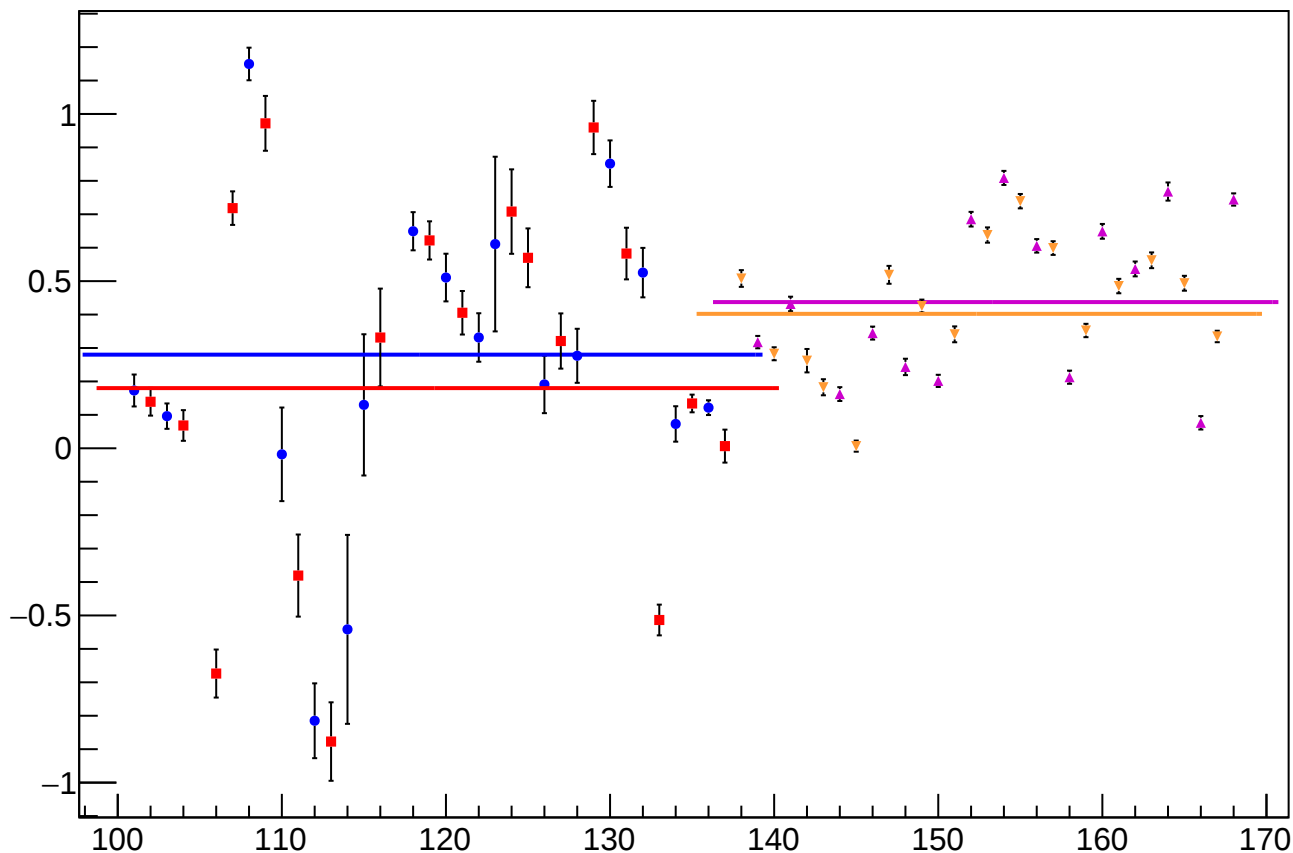
Right: -101.689 ± 0.175 $\chi^2/\text{NDF}: 10266.1/34$

In: -80.008 ± 0.106 $\chi^2/\text{NDF}: 19308.2/31$

Out: -82.639 ± 0.104 $\chi^2/\text{NDF}: 19057.5/33$

All: -81.344 ± 0.074 $\chi^2/\text{NDF}: 38680.8/65$

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: 0.402 ± 0.005 χ^2/NDF : 1289.3/15

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.437 ± 0.005 χ^2/NDF : 1970.0/14

Left: 0.420 ± 0.004 χ^2/NDF : 3280.8/30

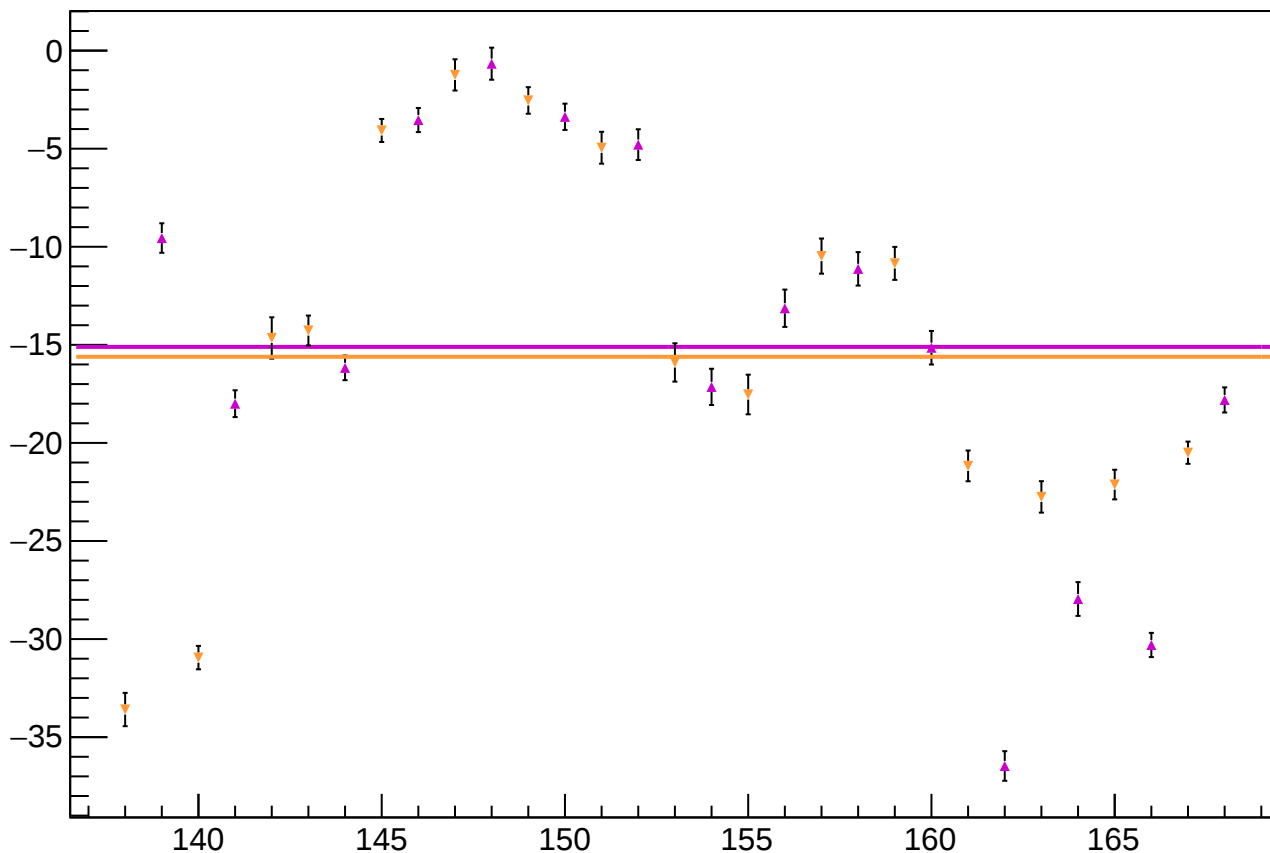
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.416 ± 0.005 χ^2/NDF : 2744.0/31

Out: 0.372 ± 0.005 χ^2/NDF : 2460.5/33

All: 0.394 ± 0.004 χ^2/NDF : 5244.0/65

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



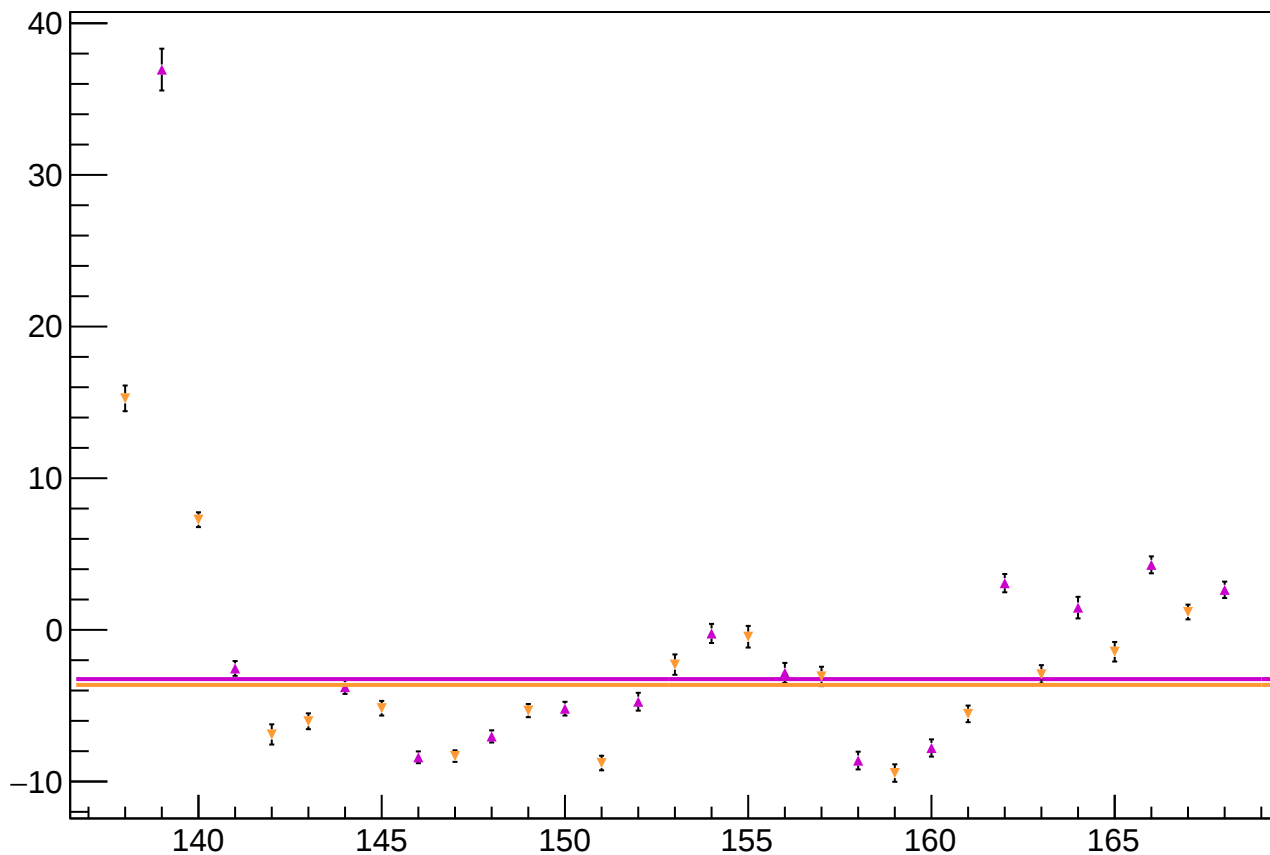
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -15.609 $\pm$ 0.190 χ^2 /NDF:2718.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -15.105 $\pm$ 0.190 χ^2 /NDF:2898.6/14

Left: -15.357 $\pm$ 0.134 χ^2 /NDF: 5620.1/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.105 $\pm$ 0.190 χ^2 /NDF:2898.6/14
 Out: -15.609 $\pm$ 0.190 χ^2 /NDF:2718.0/15

All: -15.357 $\pm$ 0.134 χ^2 /NDF: 5620.1/30

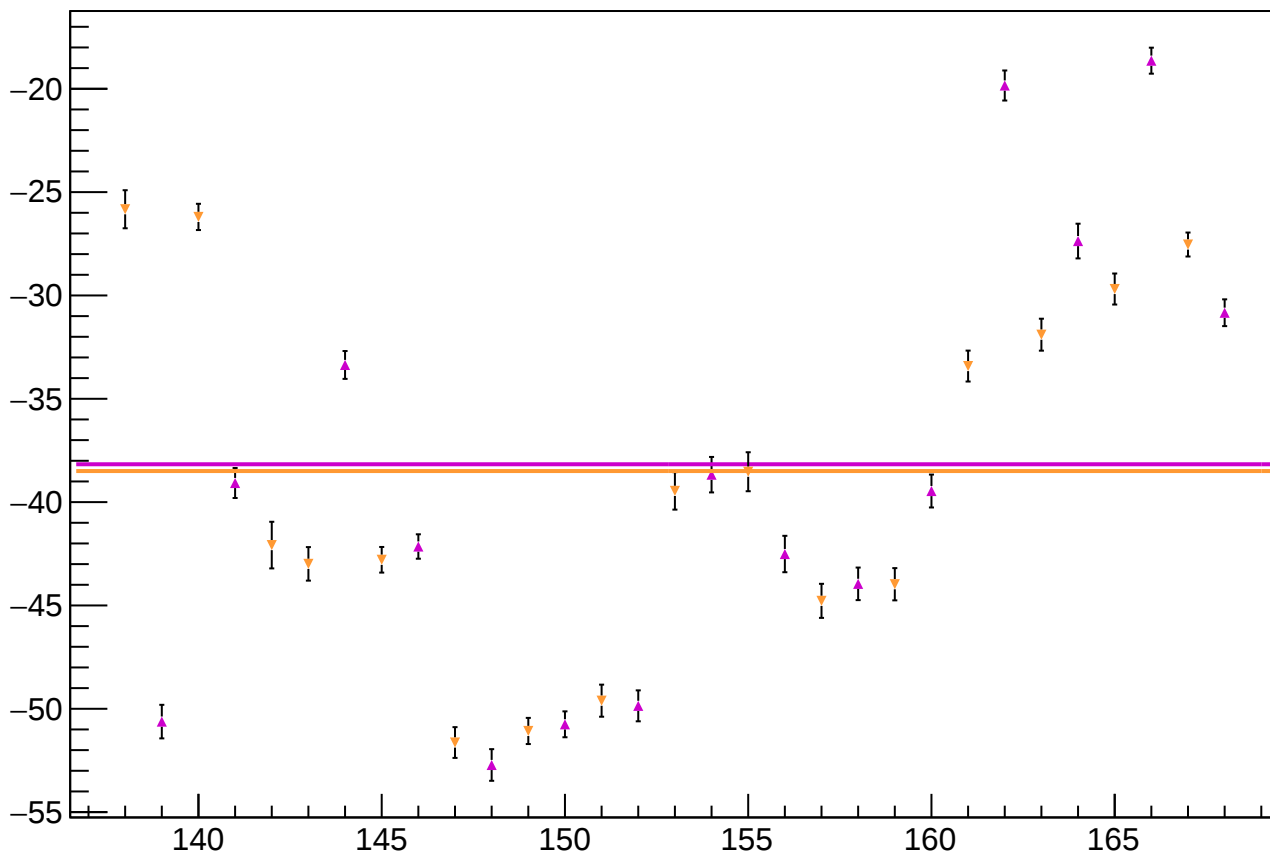
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.631 $\pm$ 0.135 χ^2 /NDF:1578.8/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.246 $\pm$ 0.138 χ^2 /NDF:1766.7/14

Left: -3.442 $\pm$ 0.097 χ^2 /NDF: 3349.4/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.246 $\pm$ 0.138 χ^2 /NDF:1766.7/14
 Out: -3.631 $\pm$ 0.135 χ^2 /NDF:1578.8/15
 All: -3.442 $\pm$ 0.097 χ^2 /NDF: 3349.4/30

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.497+/-0.188 χ^2/NDF :2286.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.168+/-0.187 χ^2/NDF :3314.0/14

Left: -38.331+/-0.133 χ^2/NDF : 5602.1/30

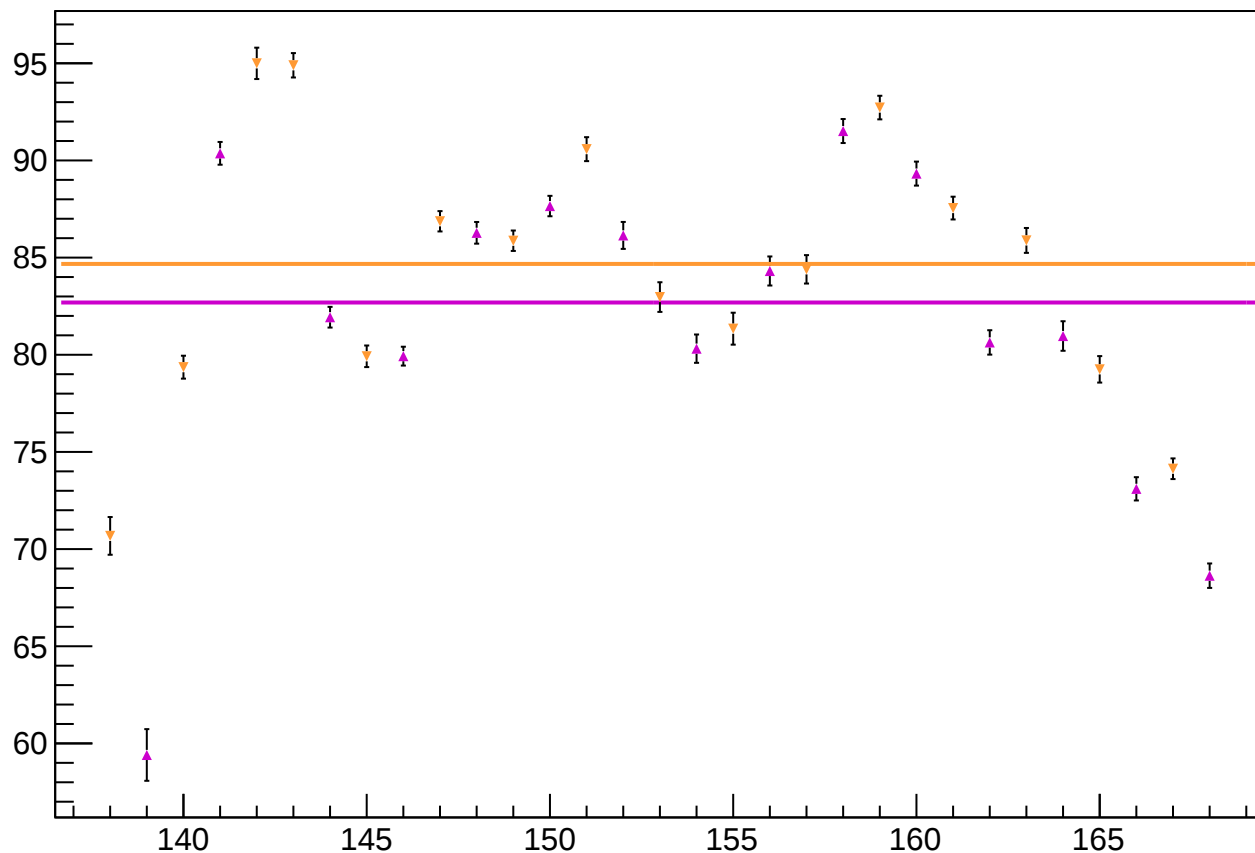
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.168+/-0.187 χ^2/NDF :3314.0/14

Out: -38.497+/-0.188 χ^2/NDF :2286.6/15

All: -38.331+/-0.133 χ^2/NDF : 5602.1/30

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 84.675+/-0.158 χ^2/NDF :1586.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 82.689+/-0.161 χ^2/NDF :1774.8/14

Left: 83.699+/-0.113 χ^2/NDF : 3439.1/30

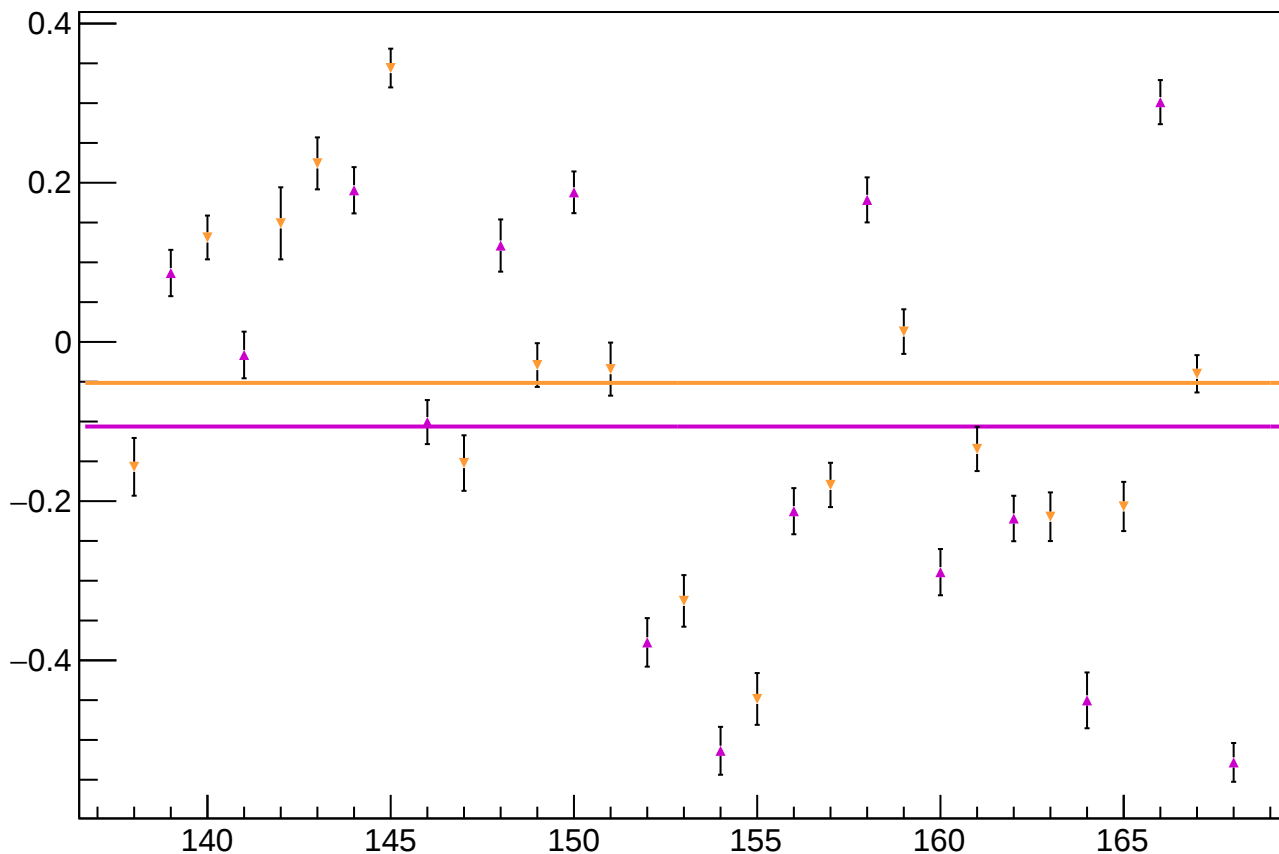
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.689+/-0.161 χ^2/NDF :1774.8/14

Out: 84.675+/-0.158 χ^2/NDF :1586.8/15

All: 83.699+/-0.113 χ^2/NDF : 3439.1/30

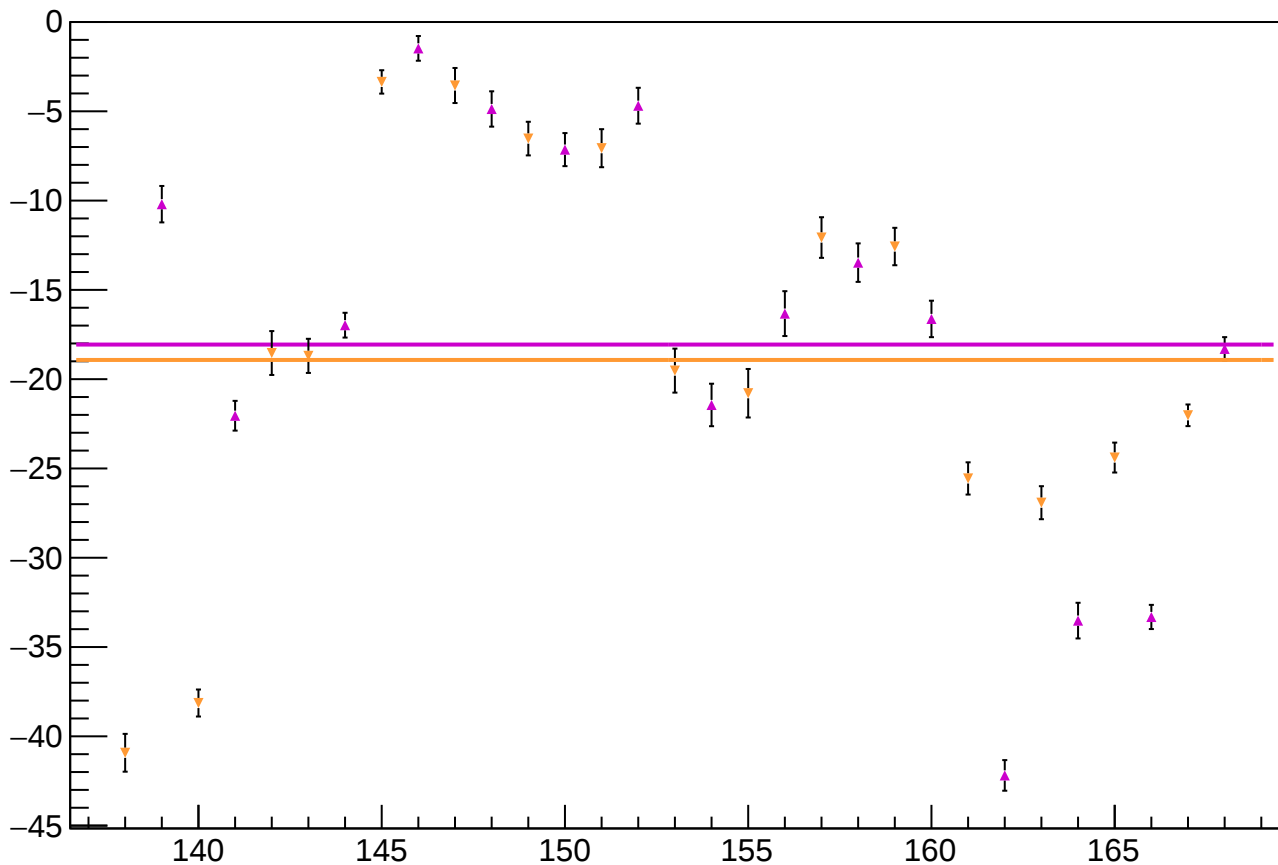
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.051+/-0.007 χ^2/NDF : 728.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.106+/-0.007 χ^2/NDF : 1377.2/14

Left: -0.079+/-0.005 χ^2/NDF : 2132.5/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.106+/-0.007 χ^2/NDF : 1377.2/14
 Out: -0.051+/-0.007 χ^2/NDF : 728.3/15
 All: -0.079+/-0.005 χ^2/NDF : 2132.5/30

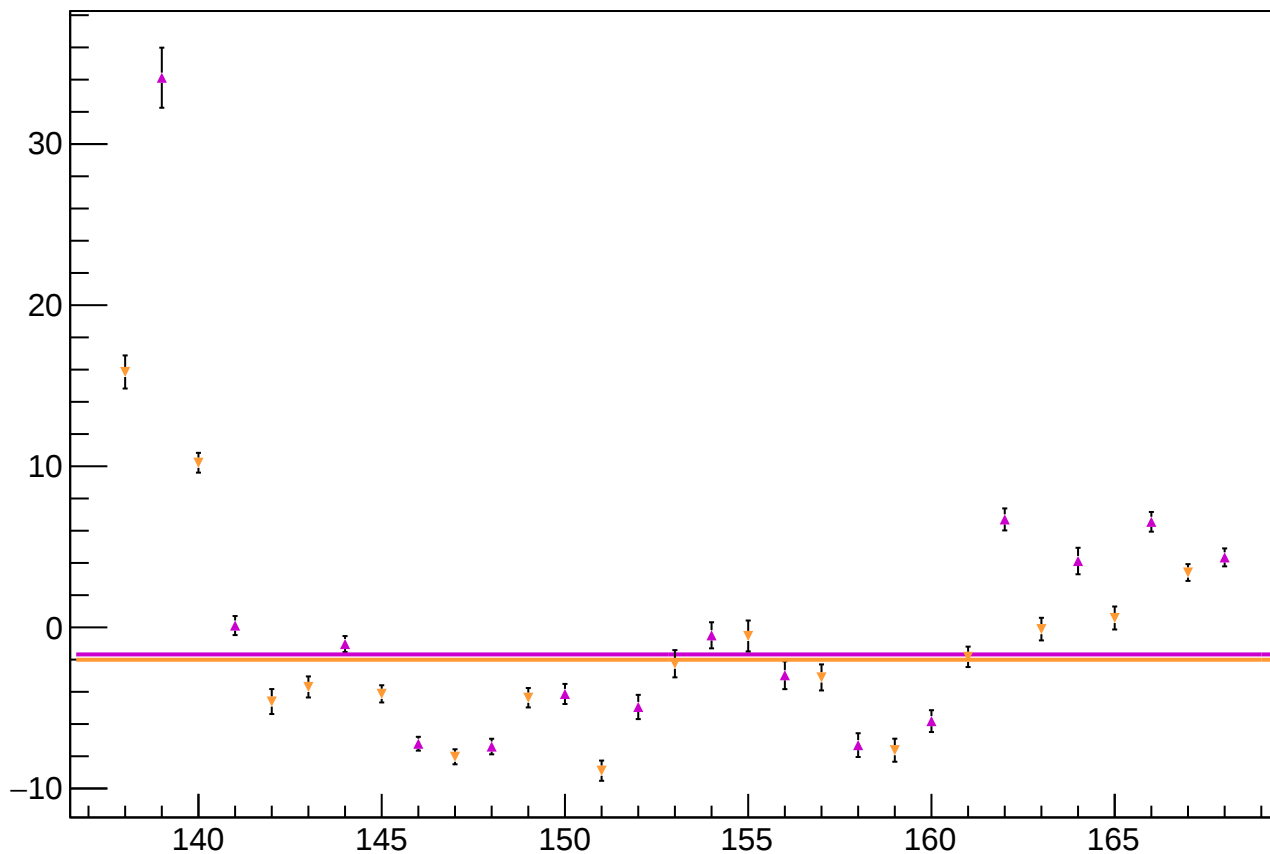
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.924+/-0.228 χ^2/NDF :2456.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.062+/-0.225 χ^2/NDF :2722.9/14

Left: -18.487+/-0.160 χ^2/NDF : 5186.7/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -18.062+/-0.225 χ^2/NDF :2722.9/14
 Out: -18.924+/-0.228 χ^2/NDF :2456.6/15
 All: -18.487+/-0.160 χ^2/NDF : 5186.7/30

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



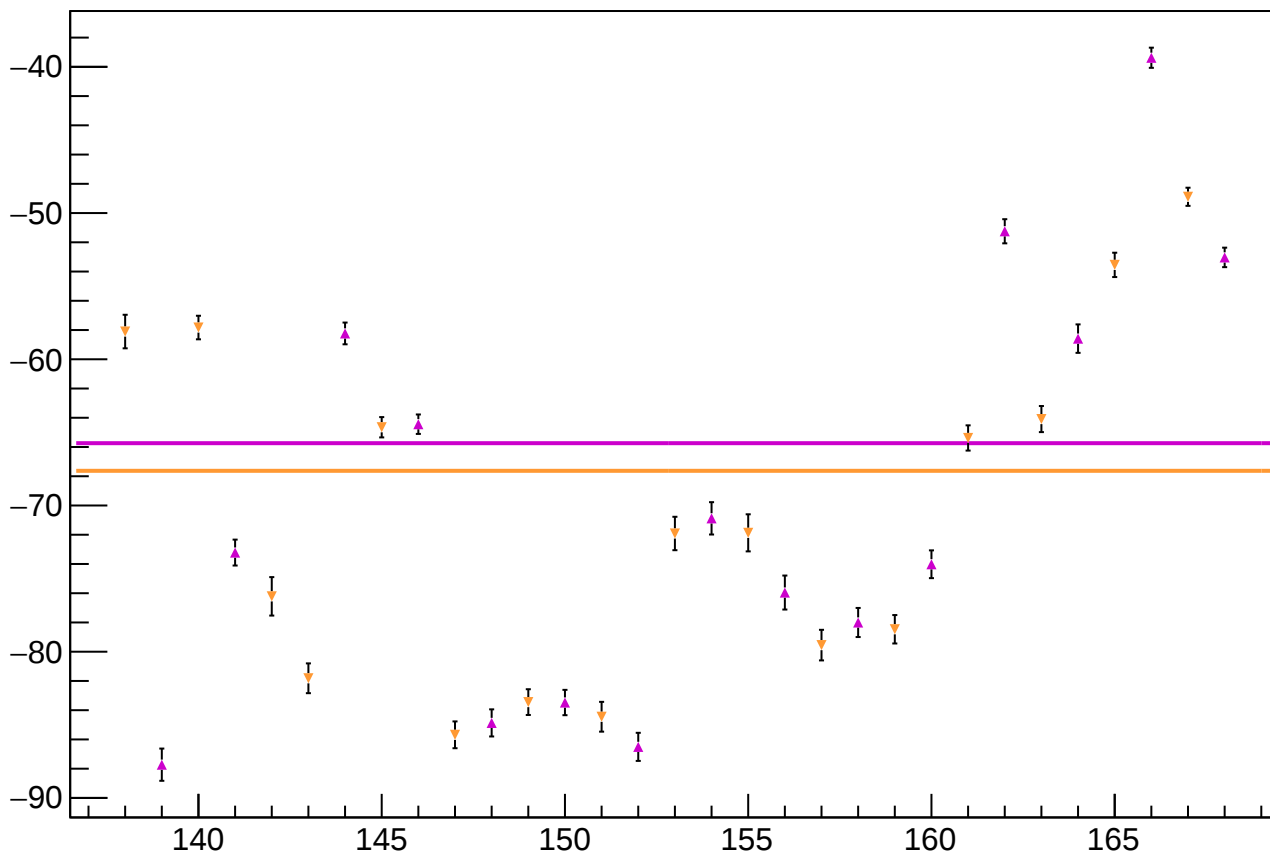
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.009+/-0.164 χ^2/NDF :1229.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.678+/-0.163 χ^2/NDF :1318.8/14

Left: -1.842+/-0.116 χ^2/NDF : 2550.2/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.678+/-0.163 χ^2/NDF :1318.8/14
 Out: -2.009+/-0.164 χ^2/NDF :1229.4/15

All: -1.842+/-0.116 χ^2/NDF : 2550.2/30

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: -67.628+/-0.227 χ^2/NDF :2955.9/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -65.739+/-0.222 χ^2/NDF :4400.9/14

Left: -66.661+/-0.159 χ^2/NDF : 7392.2/30

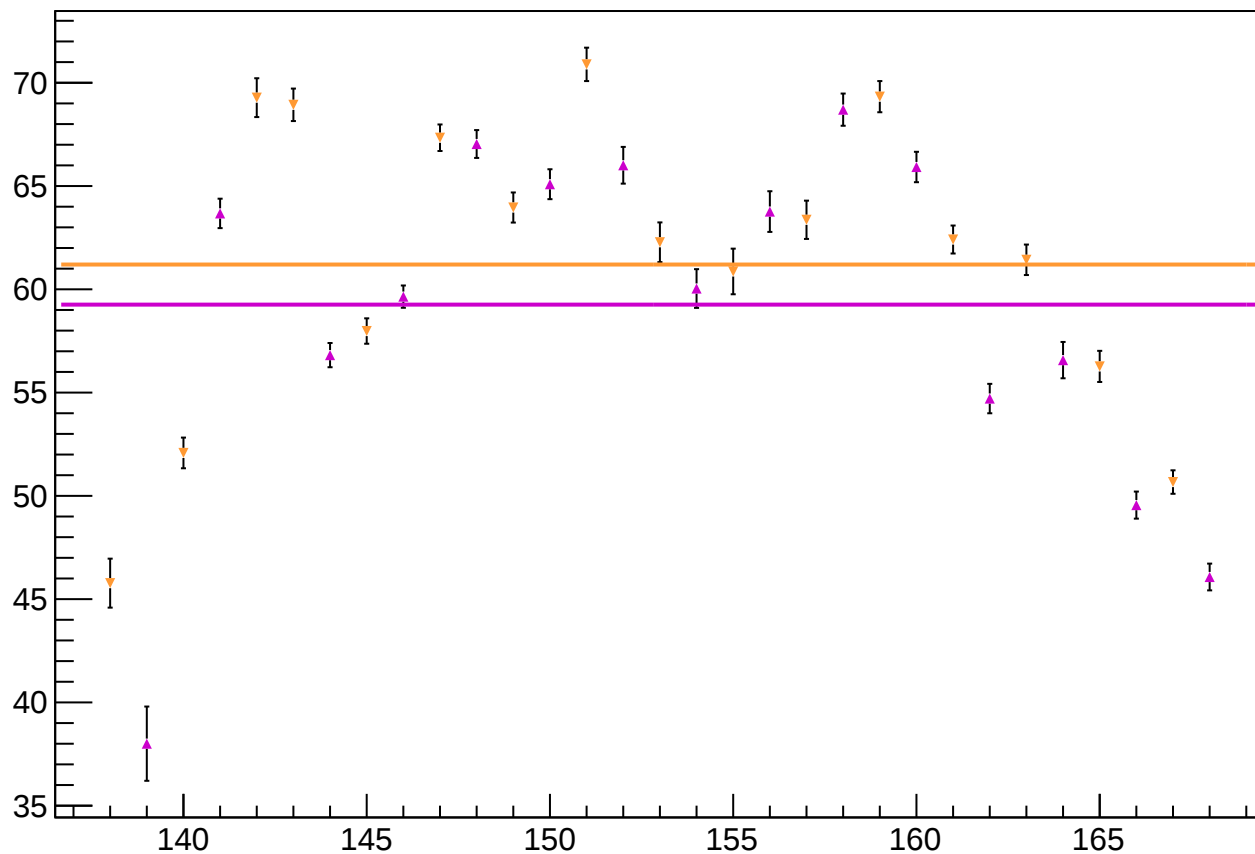
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.739+/-0.222 χ^2/NDF :4400.9/14

Out: -67.628+/-0.227 χ^2/NDF :2955.9/15

All: -66.661+/-0.159 χ^2/NDF : 7392.2/30

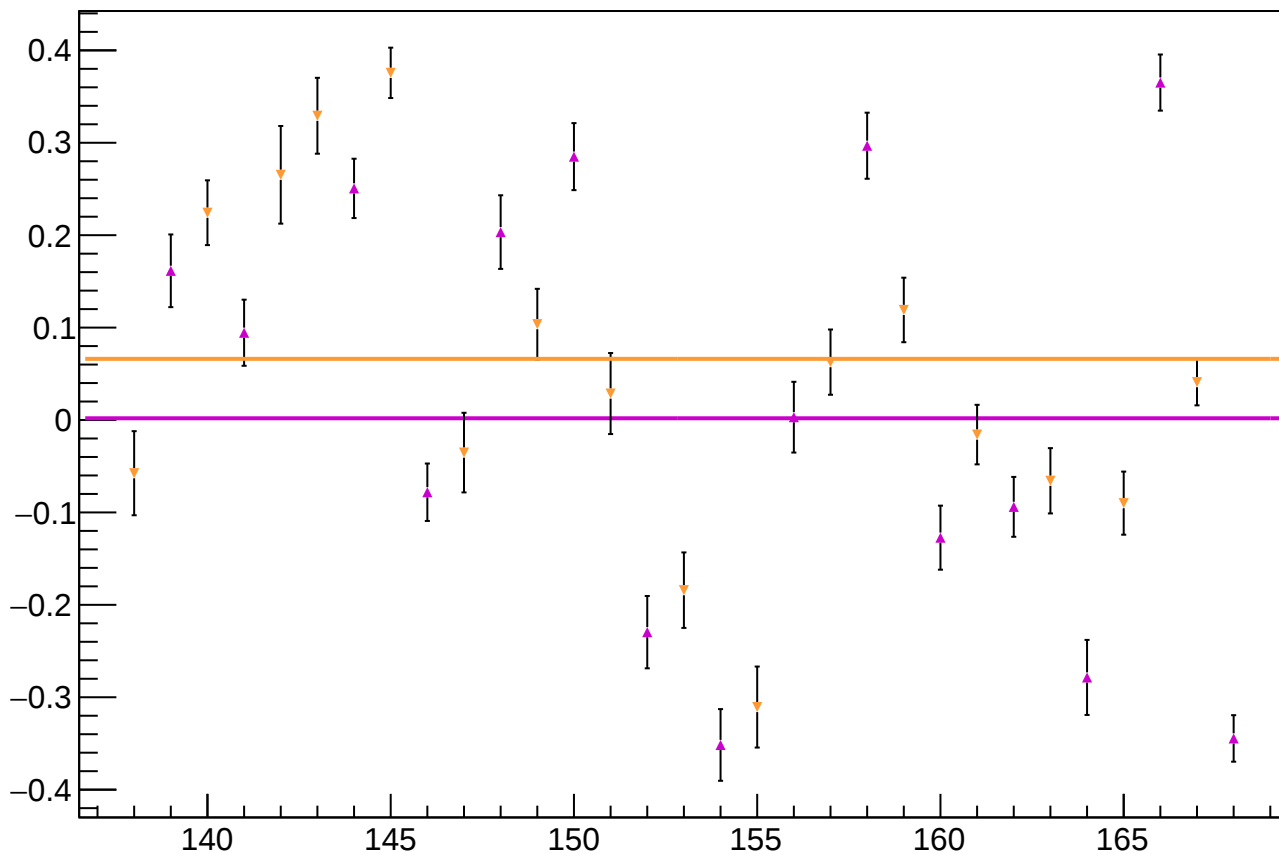
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 61.200 $\pm$ 0.191 χ^2/NDF :1279.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 59.259 $\pm$ 0.190 χ^2/NDF :1385.7/14

Left: 60.226 $\pm$ 0.135 χ^2/NDF : 2717.3/30
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 59.259 $\pm$ 0.190 χ^2/NDF :1385.7/14
 Out: 61.200 $\pm$ 0.191 χ^2/NDF :1279.7/15
 All: 60.226 $\pm$ 0.135 χ^2/NDF : 2717.3/30

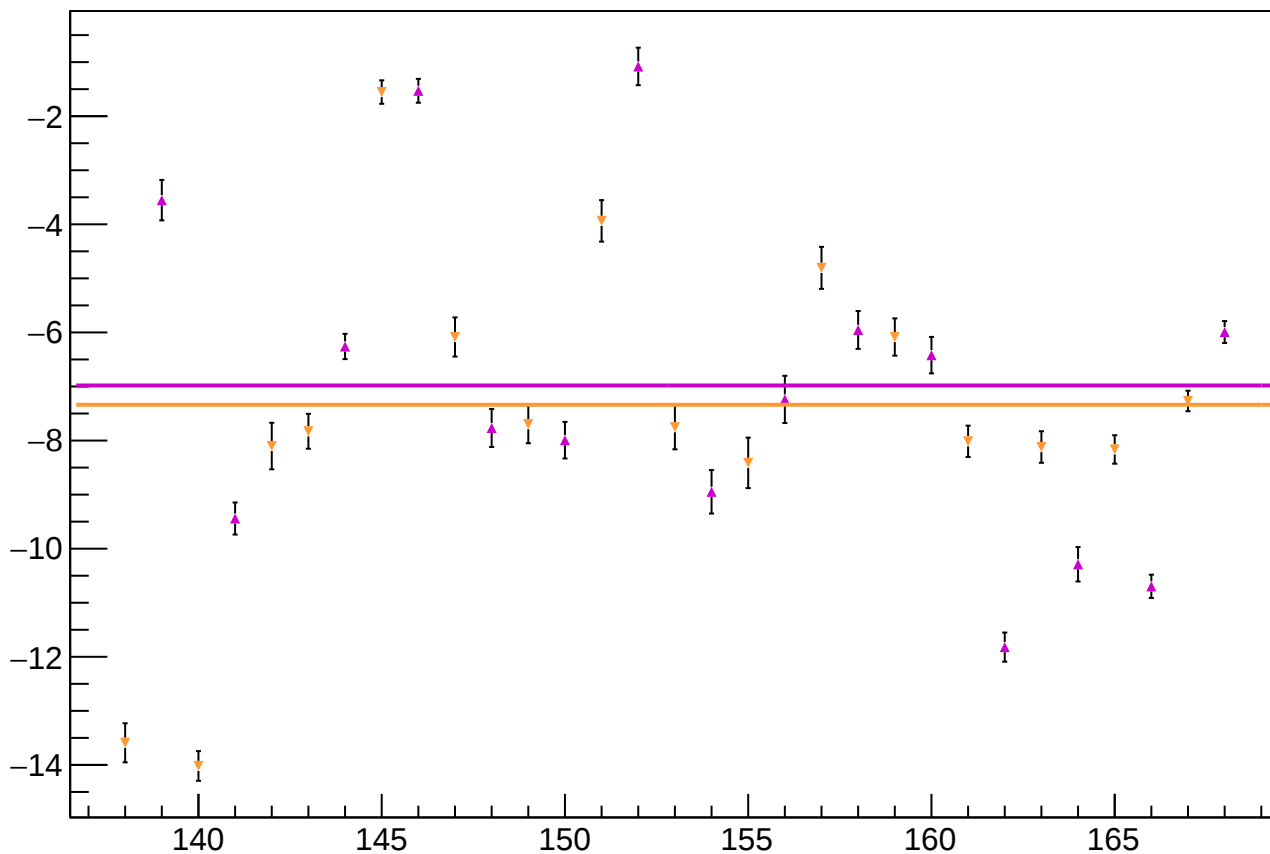
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.066 $\pm$ 0.009 χ^2 /NDF:375.3/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.002 $\pm$ 0.009 χ^2 /NDF:765.3/14

Left: 0.034 $\pm$ 0.006 χ^2 /NDF: 1166.4/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.002 $\pm$ 0.009 χ^2 /NDF:765.3/14
 Out: 0.066 $\pm$ 0.009 χ^2 /NDF:375.3/15
 All: 0.034 $\pm$ 0.006 χ^2 /NDF: 1166.4/30

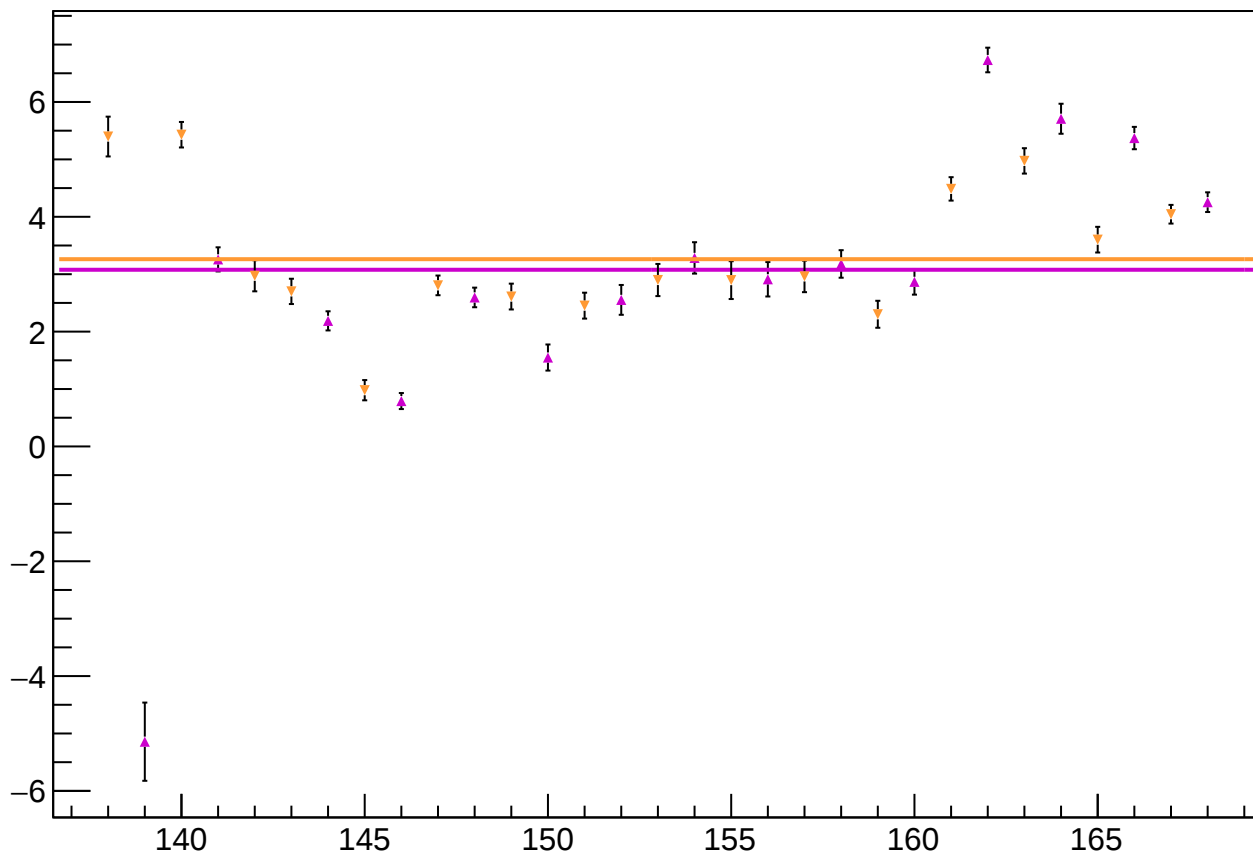
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.338+/-0.076 χ^2/NDF :1783.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.981+/-0.074 χ^2/NDF :1860.8/14

Left: -7.155+/-0.053 χ^2/NDF : 3655.1/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.981+/-0.074 χ^2/NDF :1860.8/14
 Out: -7.338+/-0.076 χ^2/NDF :1783.2/15
 All: -7.155+/-0.053 χ^2/NDF : 3655.1/30

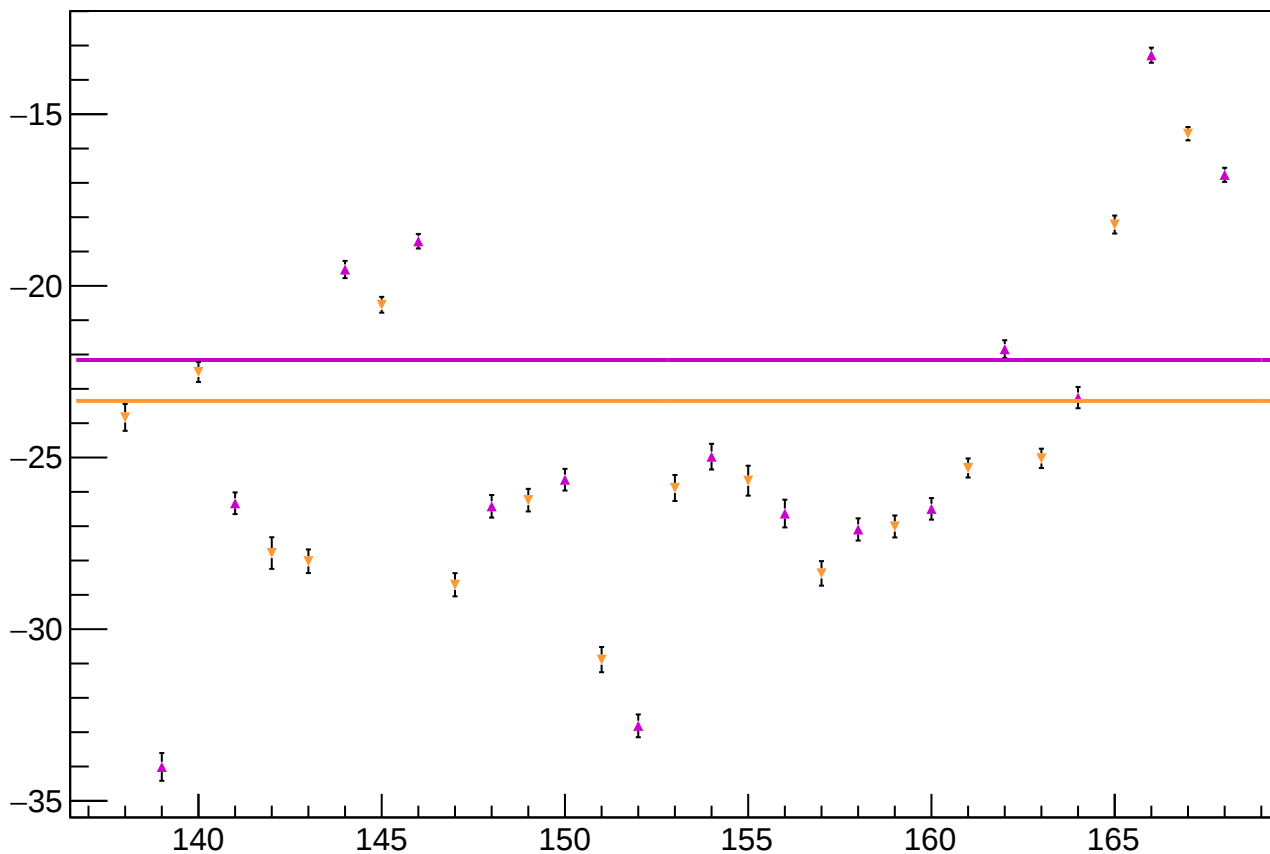
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.262+/-0.056 χ^2/NDF :478.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.078+/-0.054 χ^2/NDF :1079.9/14

Left: 3.168+/-0.039 χ^2/NDF : 1564.4/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.078+/-0.054 χ^2/NDF :1079.9/14
 Out: 3.262+/-0.056 χ^2/NDF :478.9/15
 All: 3.168+/-0.039 χ^2/NDF : 1564.4/30

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



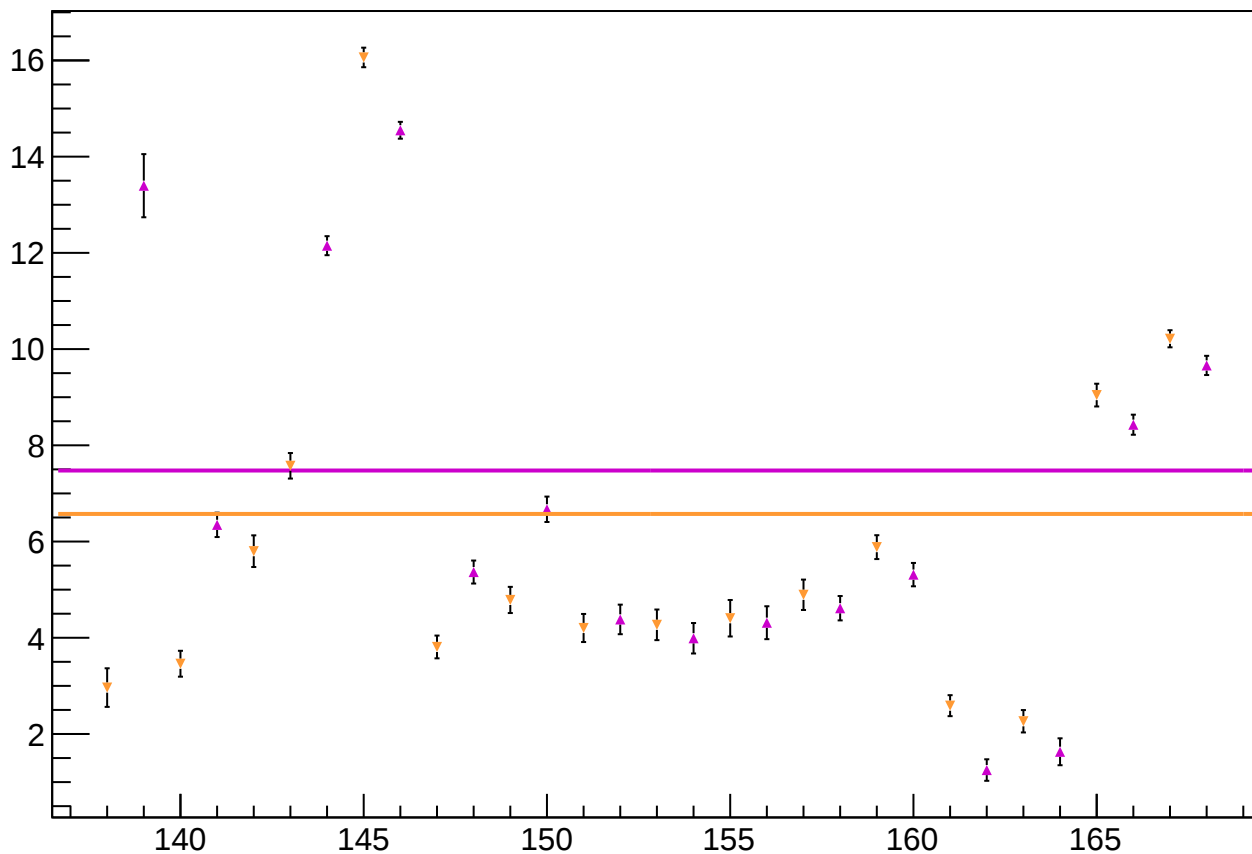
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.351+/-0.076 χ^2/NDF :3659.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -22.159+/-0.073 χ^2/NDF :5666.9/14

Left: -22.733+/-0.053 χ^2/NDF : 9453.3/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.159+/-0.073 χ^2/NDF :5666.9/14
 Out: -23.351+/-0.076 χ^2/NDF :3659.8/15

All: -22.733+/-0.053 χ^2/NDF : 9453.3/30

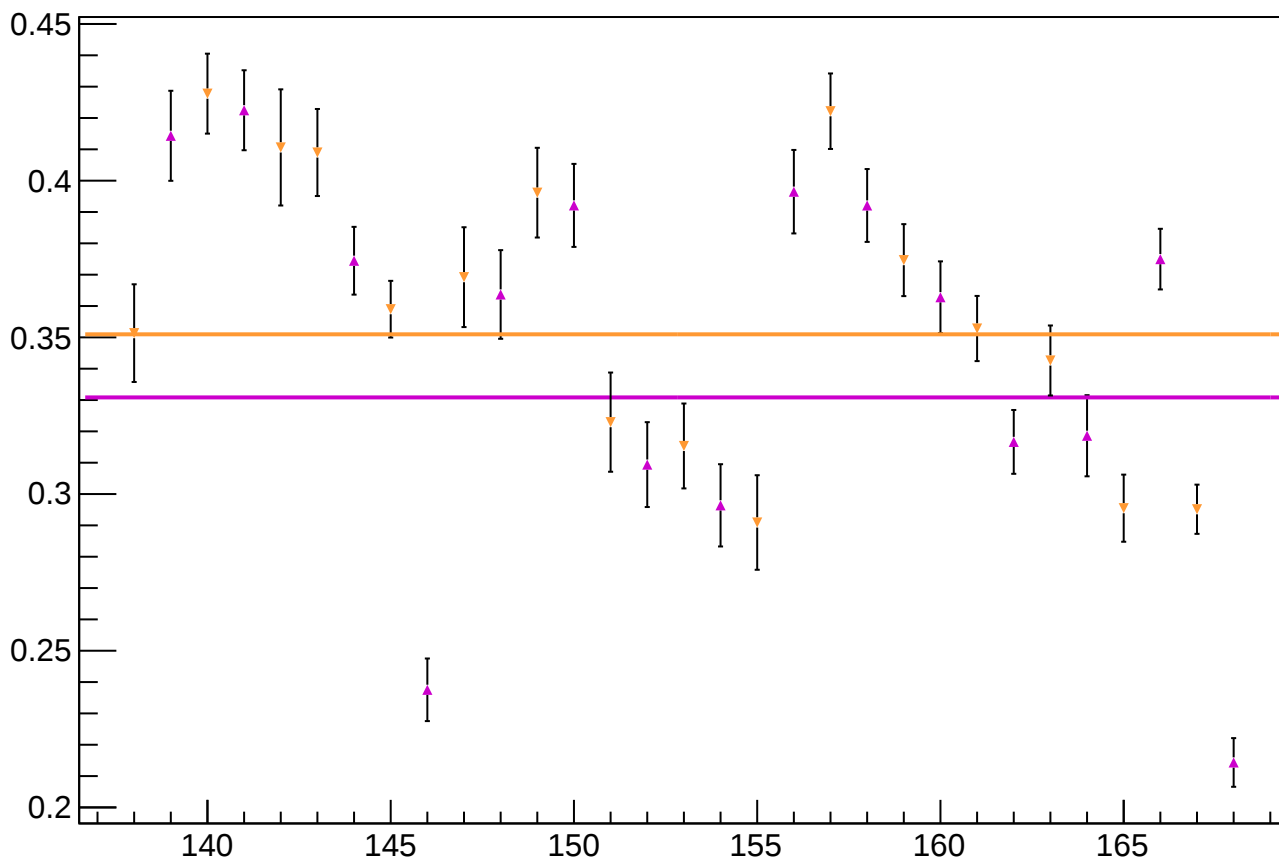
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.574+/-0.064 χ^2/NDF : 3986.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.476+/-0.063 χ^2/NDF : 4250.8/14

Left: 7.032+/-0.045 χ^2/NDF : 8337.7/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.476+/-0.063 χ^2/NDF : 4250.8/14
 Out: 6.574+/-0.064 χ^2/NDF : 3986.5/15
 All: 7.032+/-0.045 χ^2/NDF : 8337.7/30

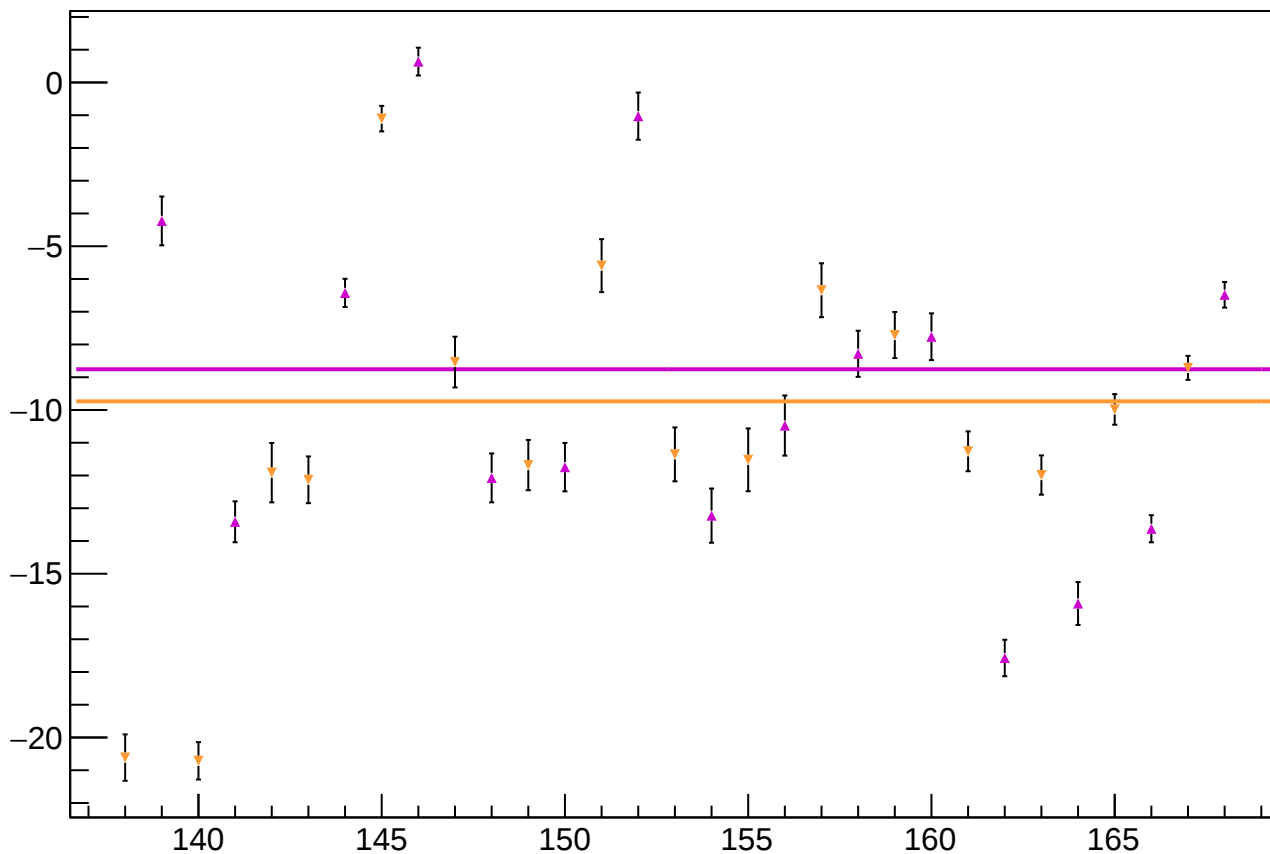
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.351 $\pm$ 0.003 χ^2 /NDF:219.2/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.331 $\pm$ 0.003 χ^2 /NDF:533.4/14

Left: 0.341 $\pm$ 0.002 χ^2 /NDF: 775.3/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.331 $\pm$ 0.003 χ^2 /NDF:533.4/14
 Out: 0.351 $\pm$ 0.003 χ^2 /NDF:219.2/15
 All: 0.341 $\pm$ 0.002 χ^2 /NDF: 775.3/30

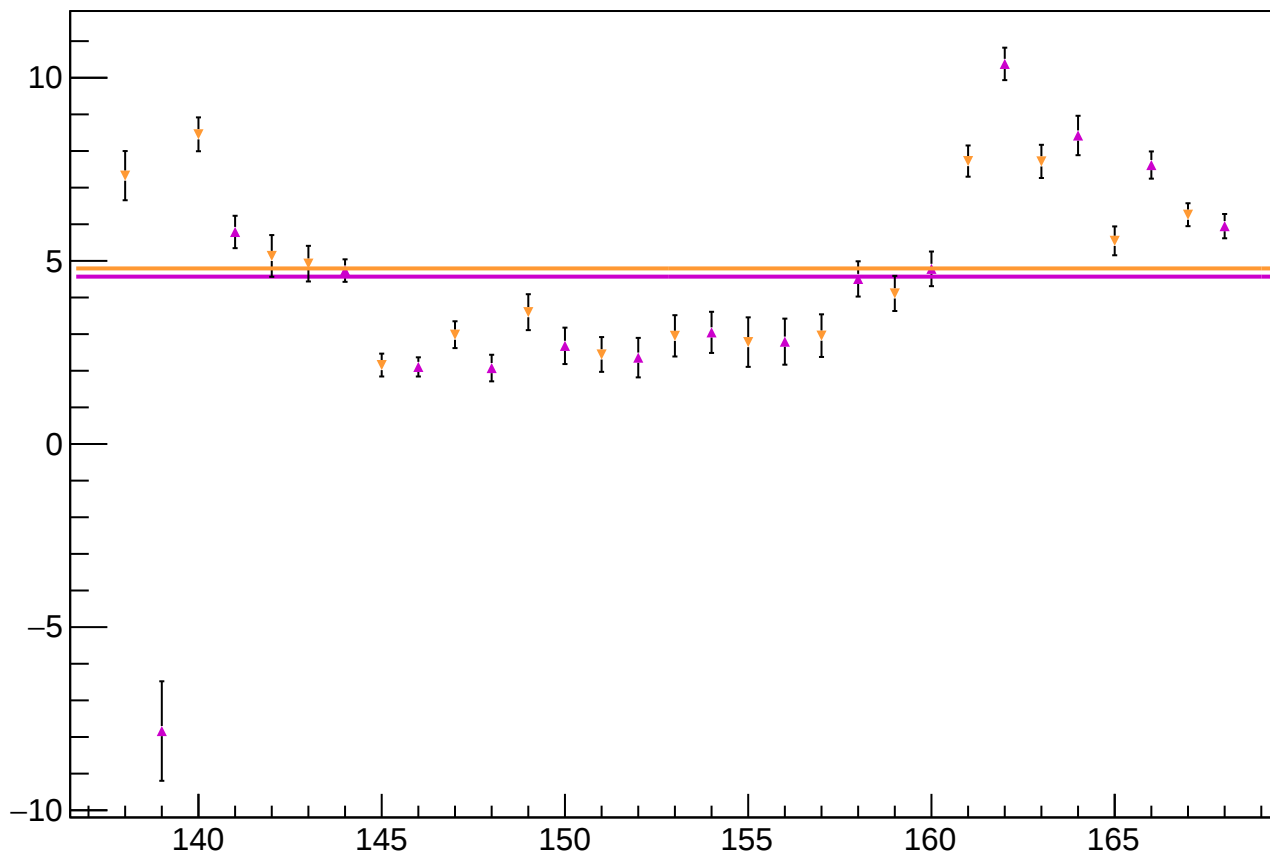
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.736+/-0.152 χ^2/NDF :1207.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.757+/-0.148 χ^2/NDF :1340.6/14

Left: -9.235+/-0.106 χ^2/NDF : 2569.4/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.757+/-0.148 χ^2/NDF :1340.6/14
 Out: -9.736+/-0.152 χ^2/NDF :1207.5/15
 All: -9.235+/-0.106 χ^2/NDF : 2569.4/30

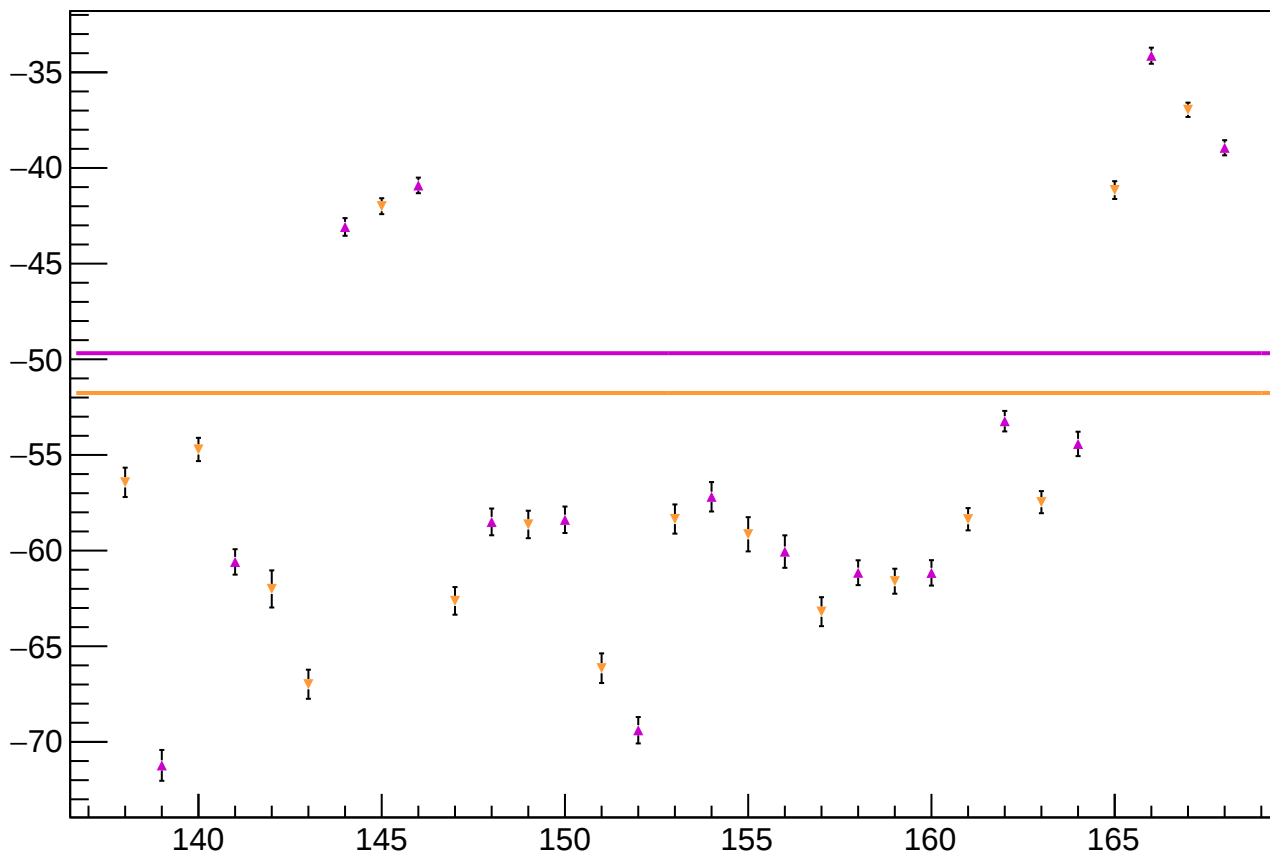
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.794 $\pm$ 0.112 χ^2 /NDF:349.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.570 $\pm$ 0.108 χ^2 /NDF:581.5/14

Left: 4.678 $\pm$ 0.078 χ^2 /NDF: 933.2/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.570 $\pm$ 0.108 χ^2 /NDF:581.5/14
 Out: 4.794 $\pm$ 0.112 χ^2 /NDF:349.6/15
 All: 4.678 $\pm$ 0.078 χ^2 /NDF: 933.2/30

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.762+/-0.152 χ^2/NDF : 4695.5/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -49.682+/-0.147 χ^2/NDF : 5838.3/14

Left: -50.686+/-0.106 χ^2/NDF : 10630.6/30

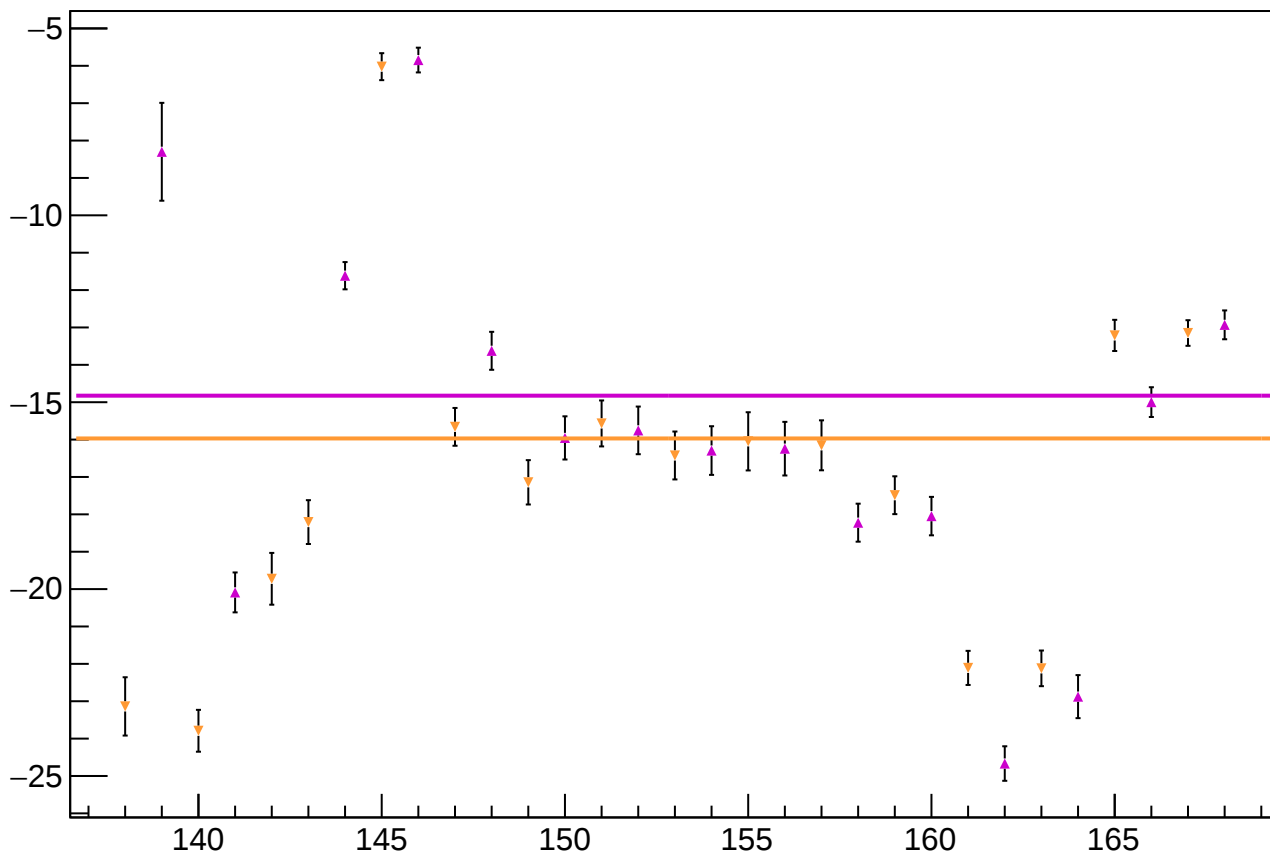
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.682+/-0.147 χ^2/NDF : 5838.3/14

Out: -51.762+/-0.152 χ^2/NDF : 4695.5/15

All: -50.686+/-0.106 χ^2/NDF : 10630.6/30

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



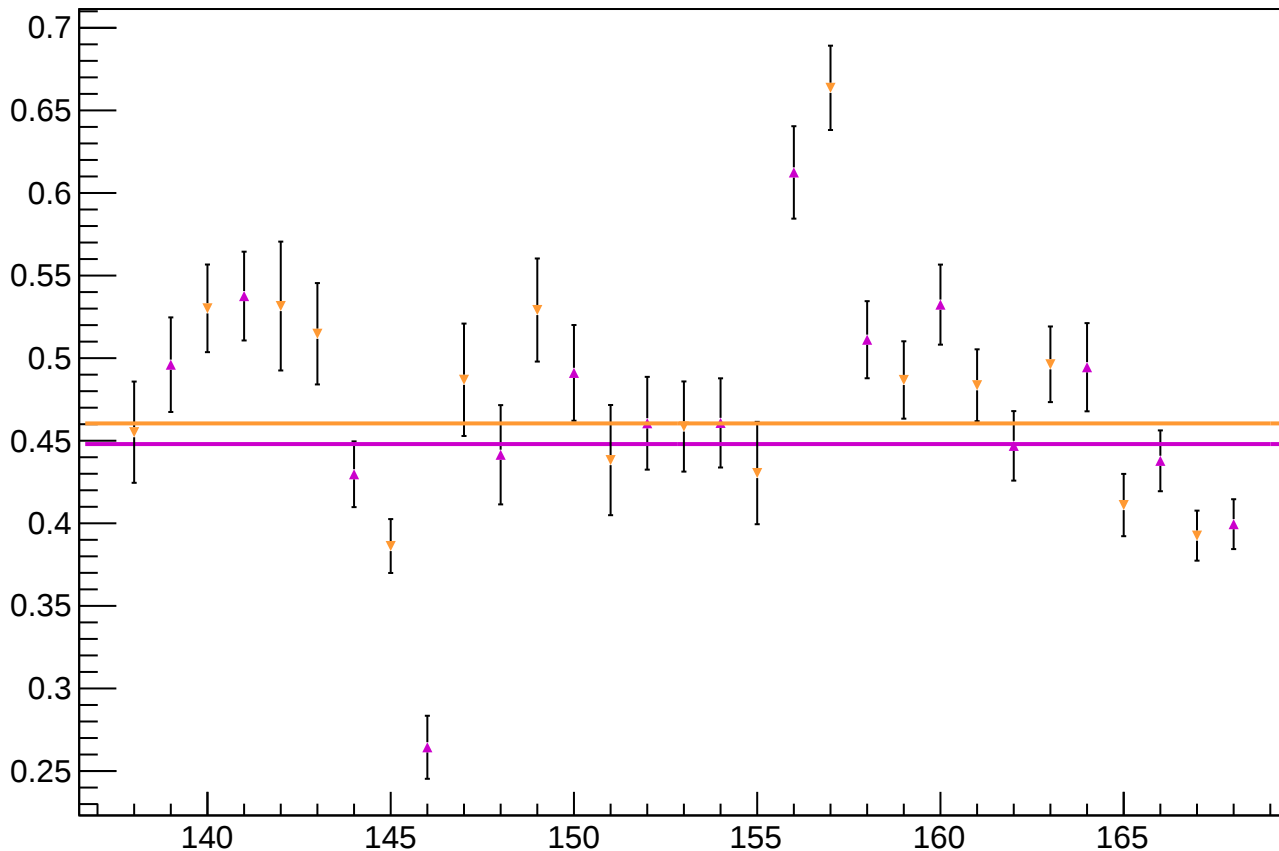
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -15.970 ± 0.128 χ^2/NDF : 1556.4/15
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -14.825 ± 0.126 χ^2/NDF : 1713.2/14

Left: -15.387 ± 0.090 χ^2/NDF : 3310.0/30
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -14.825 ± 0.126 χ^2/NDF : 1713.2/14
 Out: -15.970 ± 0.128 χ^2/NDF : 1556.4/15

All: -15.387 ± 0.090 χ^2/NDF : 3310.0/30

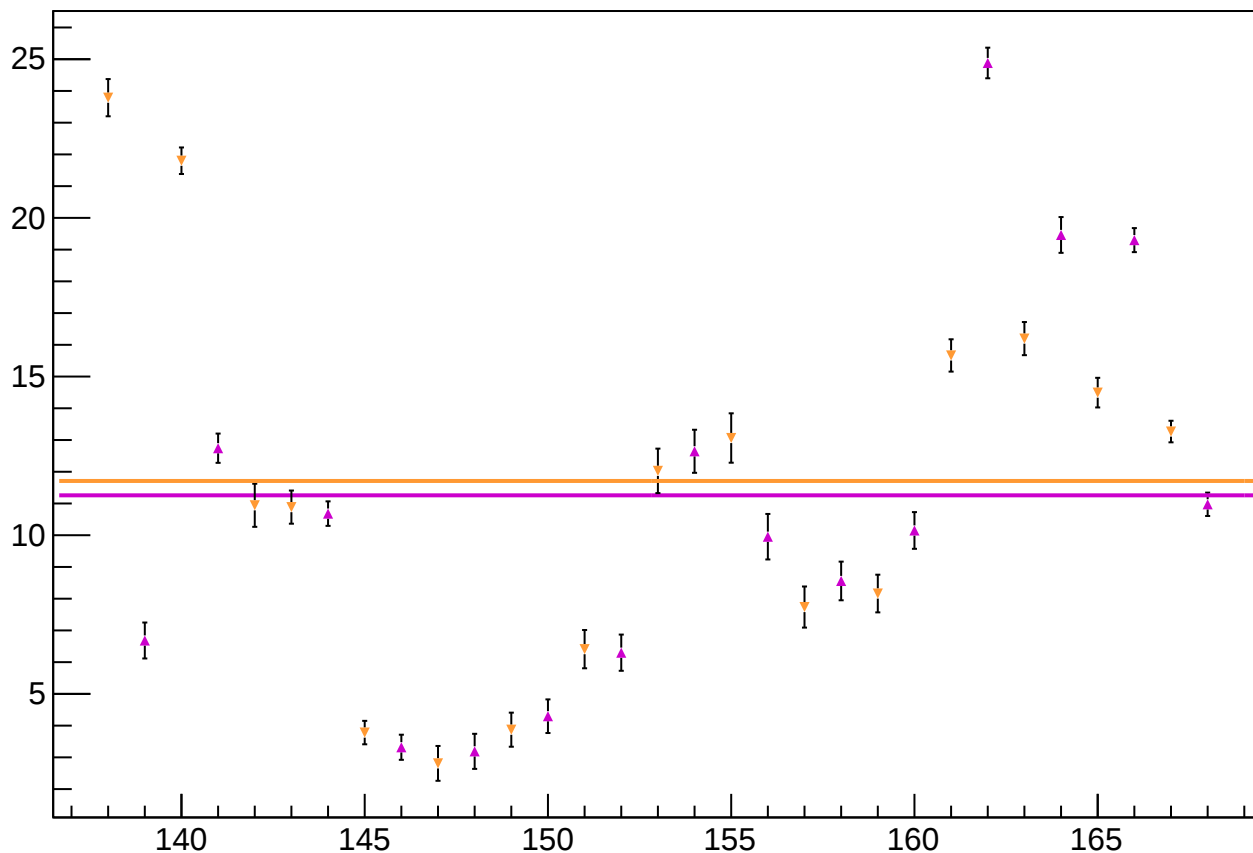
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.460 $\pm$ 0.006 χ^2 /NDF:136.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.448 $\pm$ 0.006 χ^2 /NDF:177.7/14

Left: 0.454 $\pm$ 0.004 χ^2 /NDF: 315.9/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.448 $\pm$ 0.006 χ^2 /NDF:177.7/14
 Out: 0.460 $\pm$ 0.006 χ^2 /NDF:136.1/15
 All: 0.454 $\pm$ 0.004 χ^2 /NDF: 315.9/30

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: 11.710+/-0.128 χ^2/NDF :2290.5/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.257+/-0.127 χ^2/NDF :2434.0/14

Left: 11.481+/-0.090 χ^2/NDF : 4730.8/30

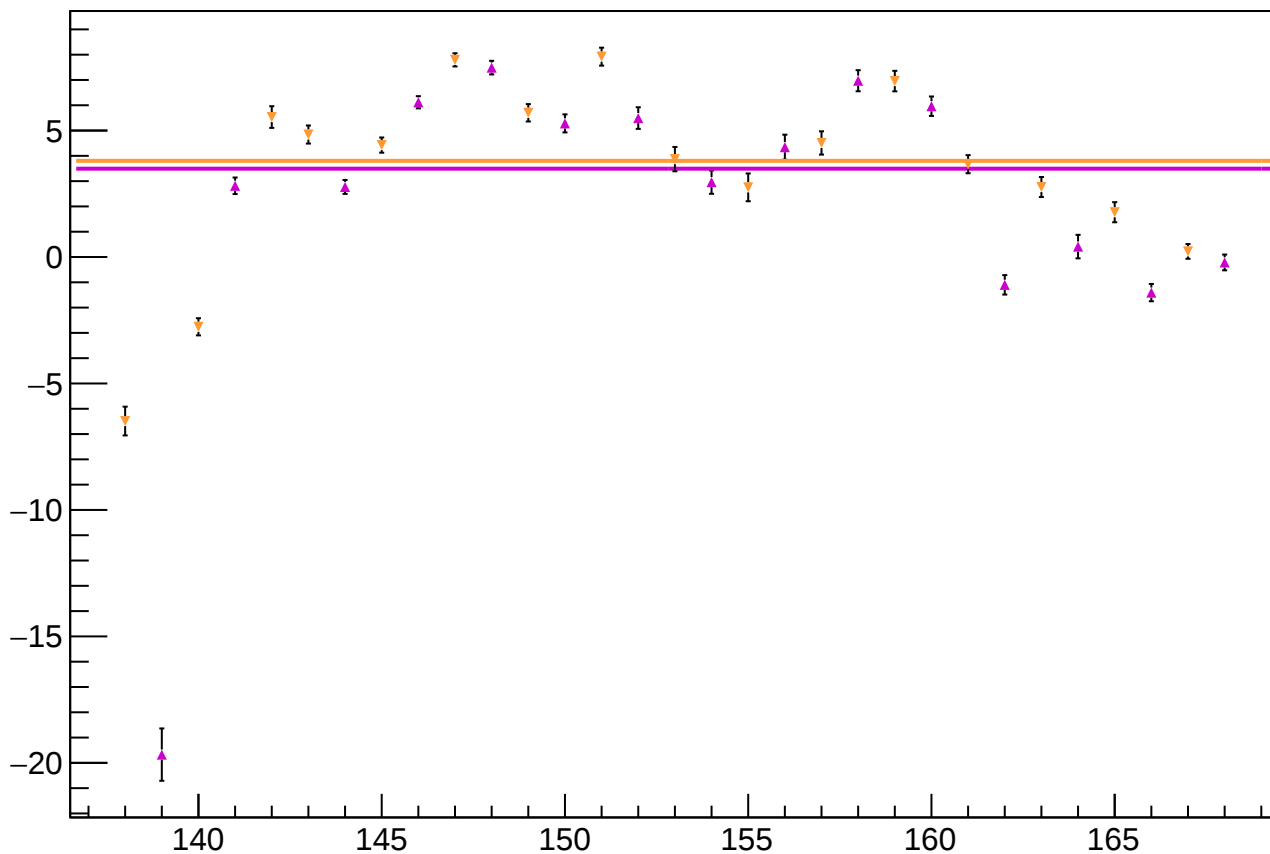
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.257+/-0.127 χ^2/NDF :2434.0/14

Out: 11.710+/-0.128 χ^2/NDF :2290.5/15

All: 11.481+/-0.090 χ^2/NDF : 4730.8/30

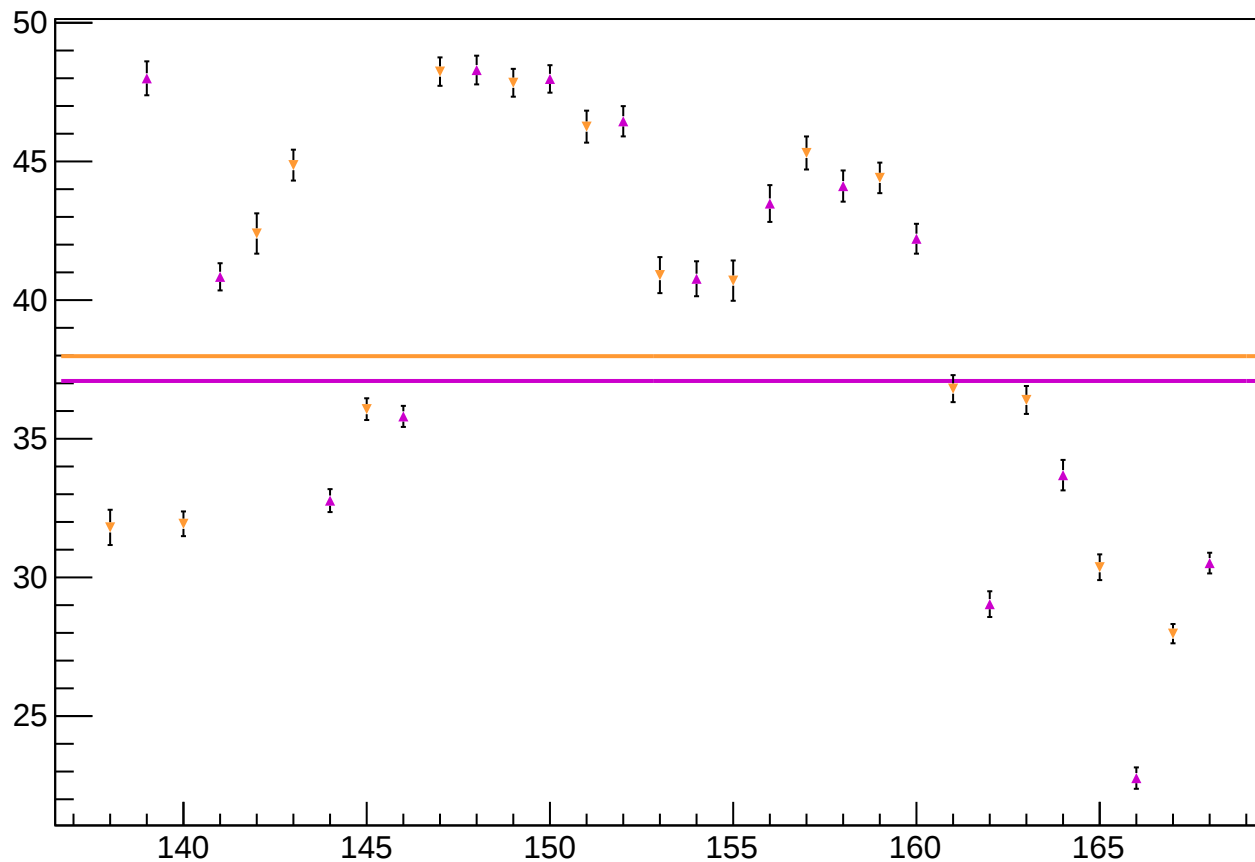
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.802+/-0.092 χ^2/NDF :1379.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.492+/-0.092 χ^2/NDF :1545.2/14

Left: 3.647+/-0.065 χ^2/NDF : 2930.3/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.492+/-0.092 χ^2/NDF :1545.2/14
 Out: 3.802+/-0.092 χ^2/NDF :1379.5/15
 All: 3.647+/-0.065 χ^2/NDF : 2930.3/30

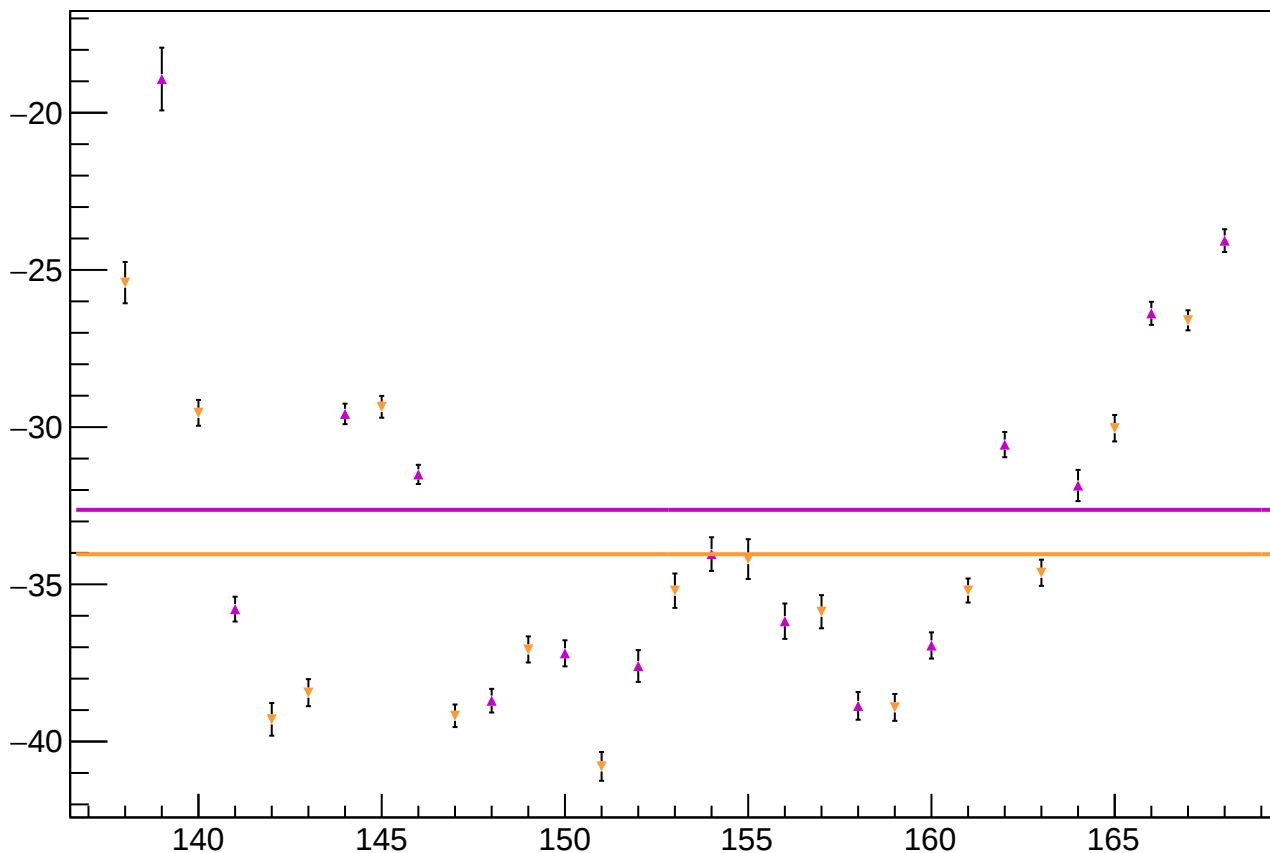
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 37.979 $\pm$ 0.128 χ^2 /NDF:2919.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 37.084 $\pm$ 0.125 χ^2 /NDF:4143.2/14

Left: 37.522 $\pm$ 0.089 χ^2 /NDF: 7087.3/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 37.084 $\pm$ 0.125 χ^2 /NDF:4143.2/14
 Out: 37.979 $\pm$ 0.128 χ^2 /NDF:2919.0/15
 All: 37.522 $\pm$ 0.089 χ^2 /NDF: 7087.3/30

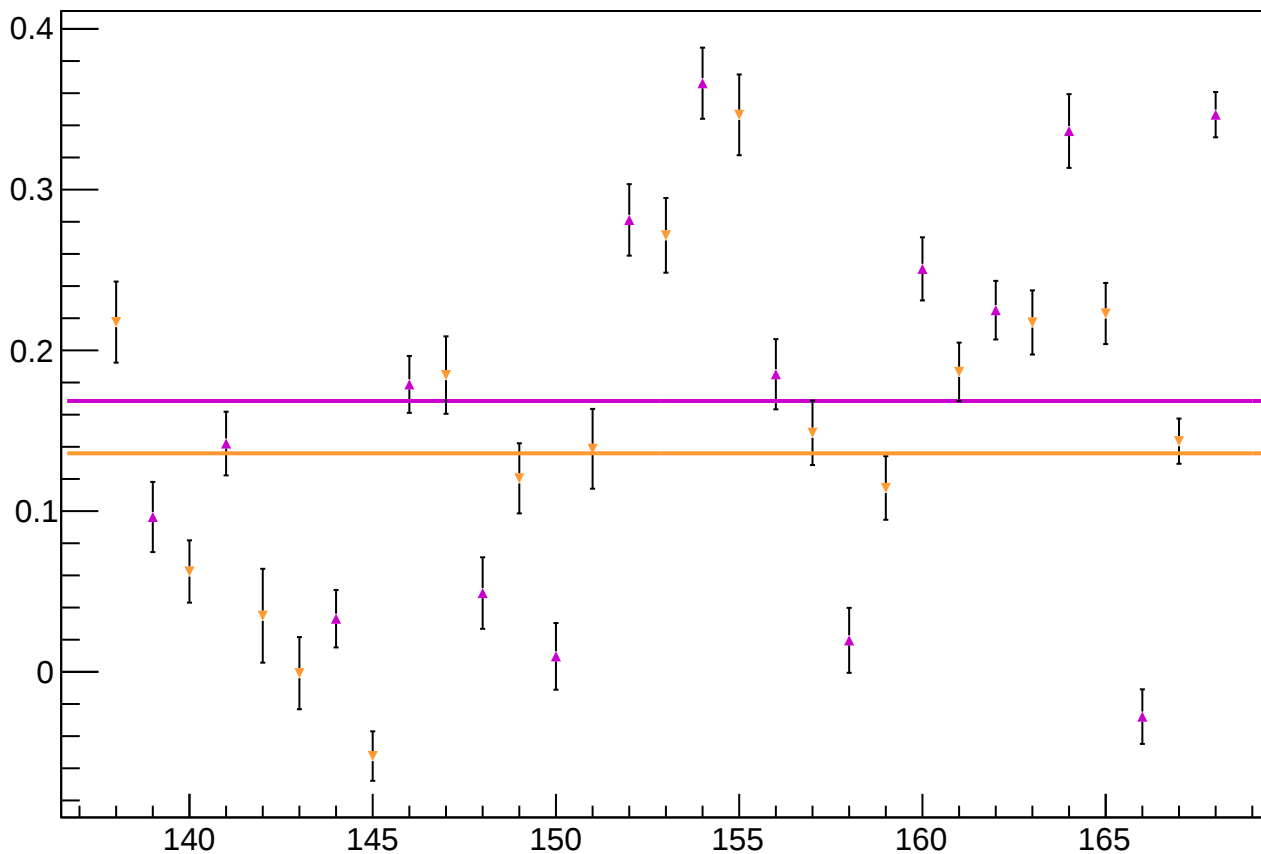
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.041+/-0.107 χ^2/NDF :1952.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.630+/-0.107 χ^2/NDF :2063.7/14

Left: -33.335+/-0.076 χ^2/NDF : 4103.1/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.630+/-0.107 χ^2/NDF :2063.7/14
 Out: -34.041+/-0.107 χ^2/NDF :1952.7/15
 All: -33.335+/-0.076 χ^2/NDF : 4103.1/30

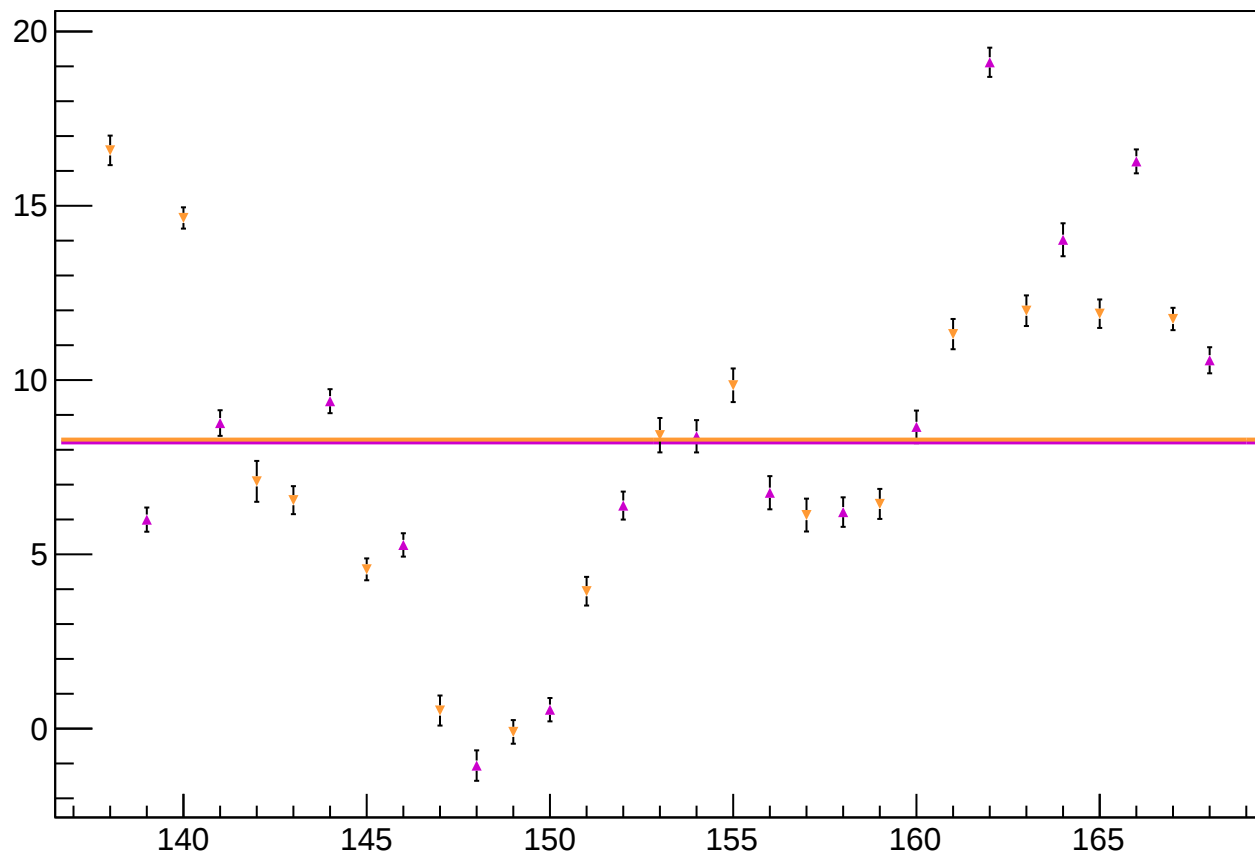
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.136 $\pm$ 0.005 χ^2 /NDF:380.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.169 $\pm$ 0.005 χ^2 /NDF:692.4/14

Left: 0.152 $\pm$ 0.004 χ^2 /NDF: 1093.4/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.169 $\pm$ 0.005 χ^2 /NDF:692.4/14
 Out: 0.136 $\pm$ 0.005 χ^2 /NDF:380.1/15
 All: 0.152 $\pm$ 0.004 χ^2 /NDF: 1093.4/30

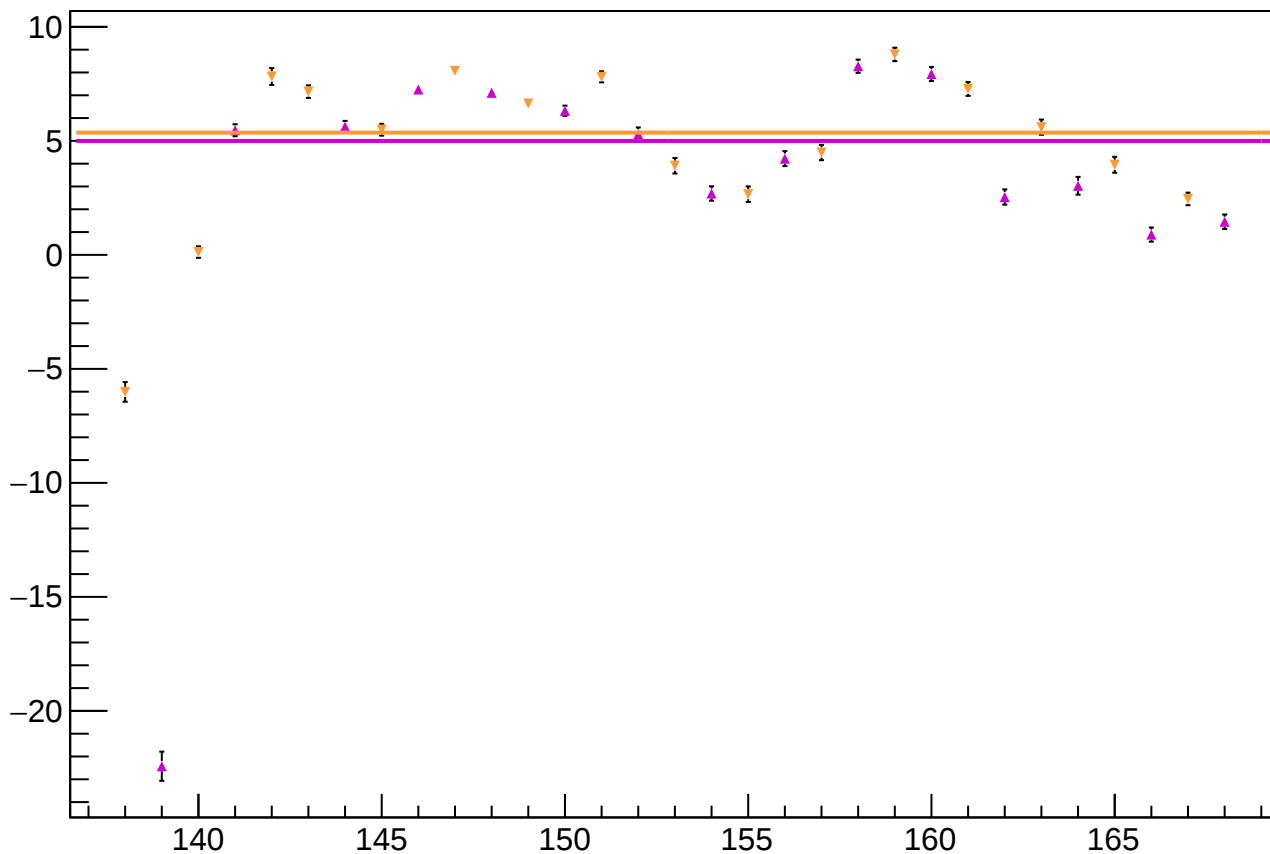
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.292+/-0.100 χ^2/NDF :2393.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.211+/-0.101 χ^2/NDF :2577.8/14

Left: 8.252+/-0.071 χ^2/NDF : 4971.9/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.211+/-0.101 χ^2/NDF :2577.8/14
 Out: 8.292+/-0.100 χ^2/NDF :2393.8/15
 All: 8.252+/-0.071 χ^2/NDF : 4971.9/30

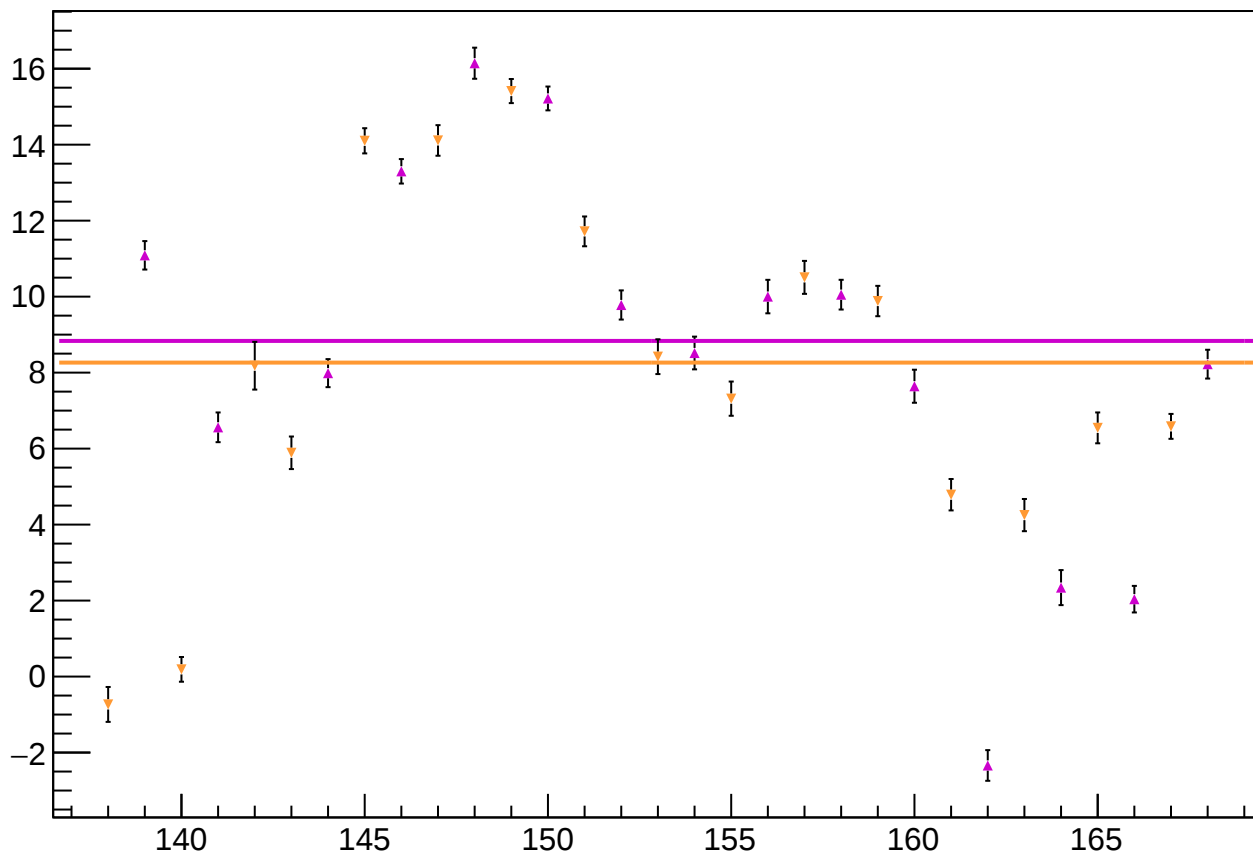
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 5.361 ± 0.071 $\chi^2/\text{NDF}: 1905.7/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 4.996 ± 0.074 $\chi^2/\text{NDF}: 2747.4/14$

Left: 5.184 ± 0.051 $\chi^2/\text{NDF}: 4665.8/30$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 4.996 ± 0.074 $\chi^2/\text{NDF}: 2747.4/14$
 Out: 5.361 ± 0.071 $\chi^2/\text{NDF}: 1905.7/15$
 All: 5.184 ± 0.051 $\chi^2/\text{NDF}: 4665.8/30$

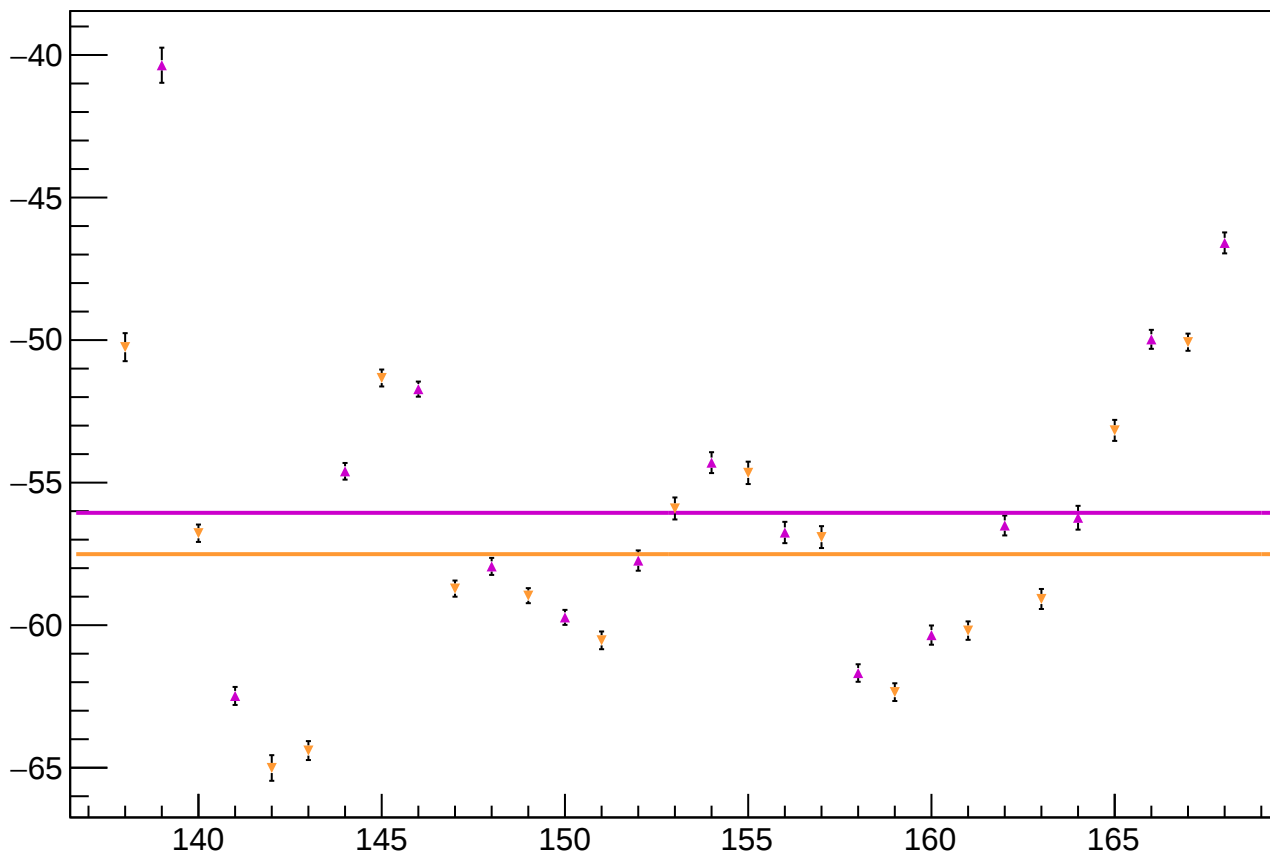
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.264+/-0.099 χ^2/NDF :2388.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.834+/-0.099 χ^2/NDF :2376.4/14

Left: 8.549+/-0.070 χ^2/NDF : 4781.8/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.834+/-0.099 χ^2/NDF :2376.4/14
 Out: 8.264+/-0.099 χ^2/NDF :2388.8/15
 All: 8.549+/-0.070 χ^2/NDF : 4781.8/30

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.509+/-0.083 χ^2/NDF :2660.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.059+/-0.086 χ^2/NDF :3132.5/14

Left: -56.803+/-0.060 χ^2/NDF : 5940.2/30

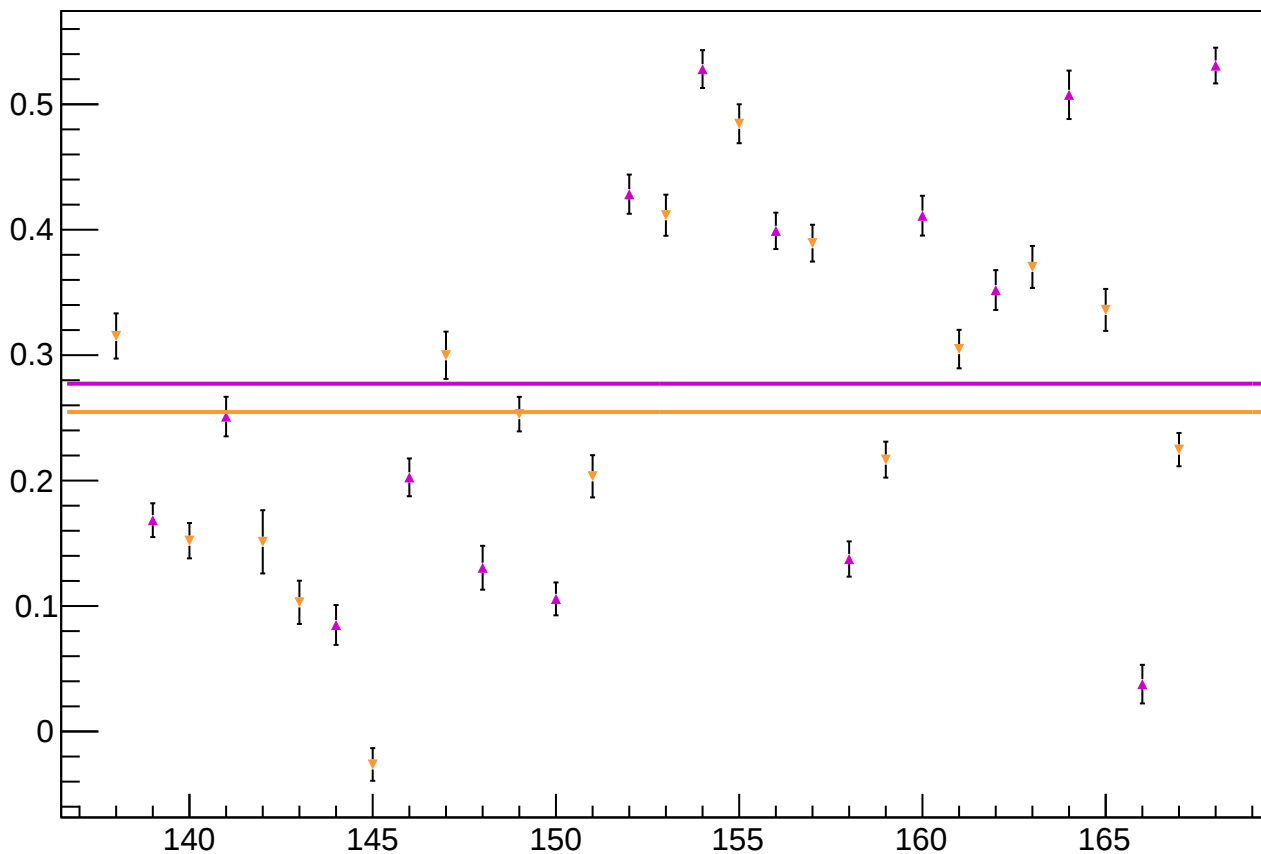
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.059+/-0.086 χ^2/NDF :3132.5/14

Out: -57.509+/-0.083 χ^2/NDF :2660.6/15

All: -56.803+/-0.060 χ^2/NDF : 5940.2/30

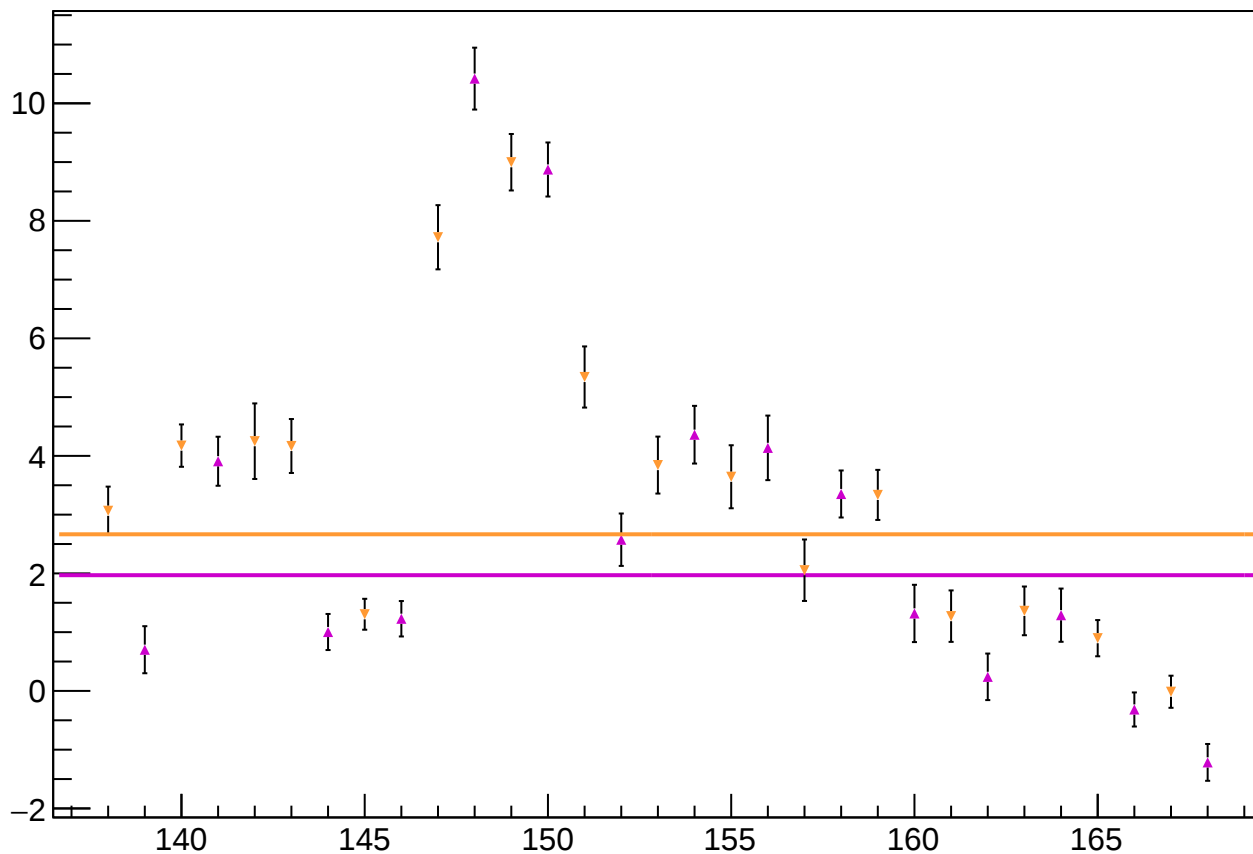
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.255 $\pm$ 0.004 χ^2 /NDF:1130.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.277 $\pm$ 0.004 χ^2 /NDF:1815.5/14

Left: 0.266 $\pm$ 0.003 χ^2 /NDF: 2962.1/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.277 $\pm$ 0.004 χ^2 /NDF:1815.5/14
 Out: 0.255 $\pm$ 0.004 χ^2 /NDF:1130.0/15
 All: 0.266 $\pm$ 0.003 χ^2 /NDF: 2962.1/30

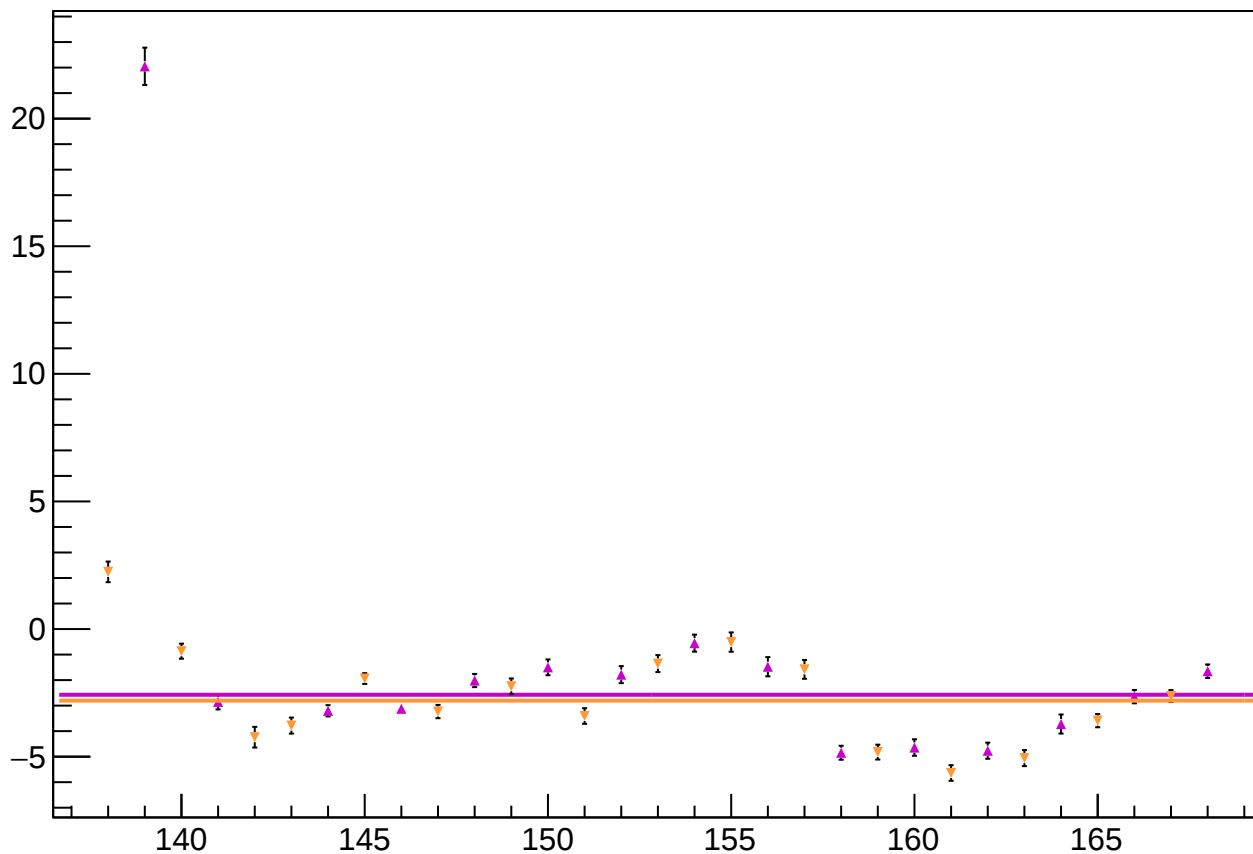
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.666+/-0.101 χ^2/NDF : 509.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.969+/-0.101 χ^2/NDF : 772.1/14

Left: 2.318+/-0.071 χ^2/NDF : 1305.8/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.969+/-0.101 χ^2/NDF : 772.1/14
 Out: 2.666+/-0.101 χ^2/NDF : 509.9/15
 All: 2.318+/-0.071 χ^2/NDF : 1305.8/30

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



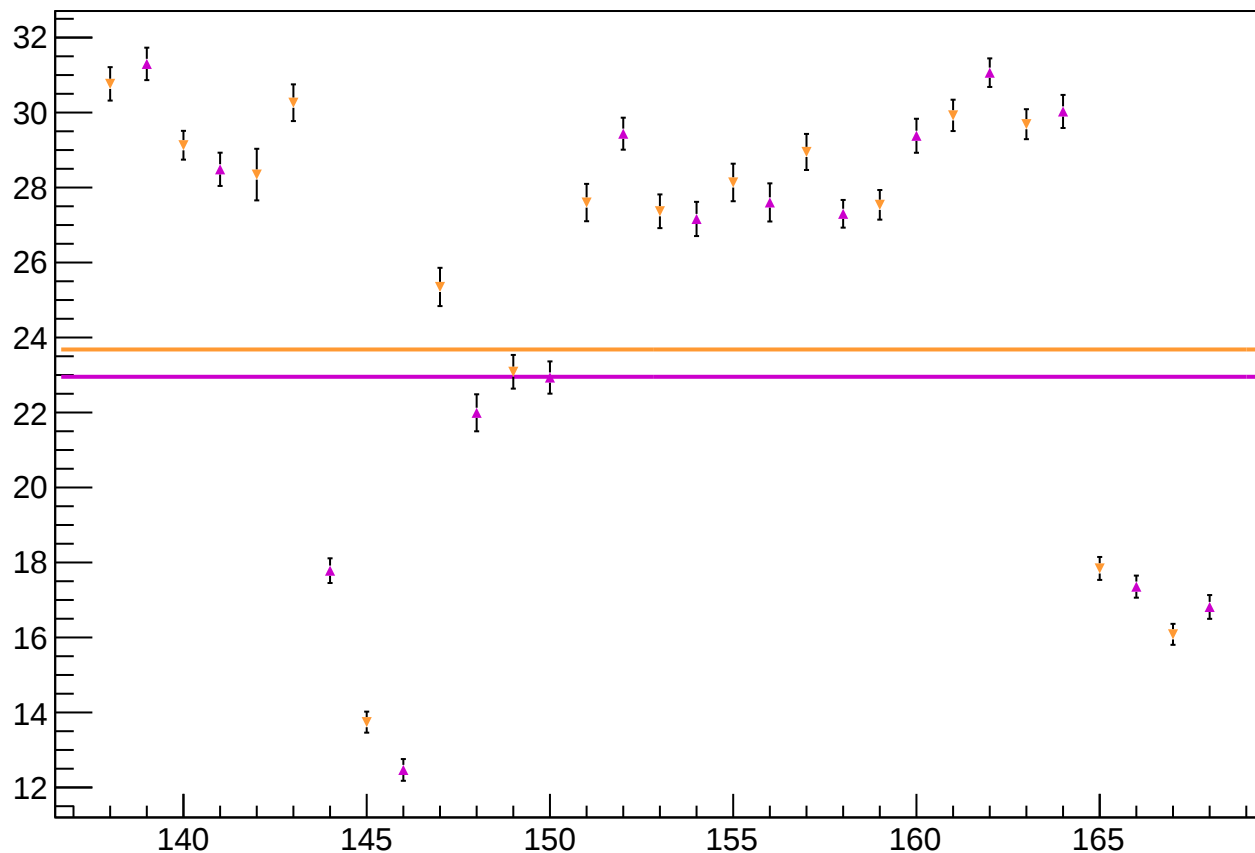
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.805+/-0.074 χ^2/NDF :509.5/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.575+/-0.075 χ^2/NDF :1398.2/14

Left: -2.691+/-0.053 χ^2/NDF : 1912.5/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.575+/-0.075 χ^2/NDF :1398.2/14
 Out: -2.805+/-0.074 χ^2/NDF :509.5/15

All: -2.691+/-0.053 χ^2/NDF : 1912.5/30

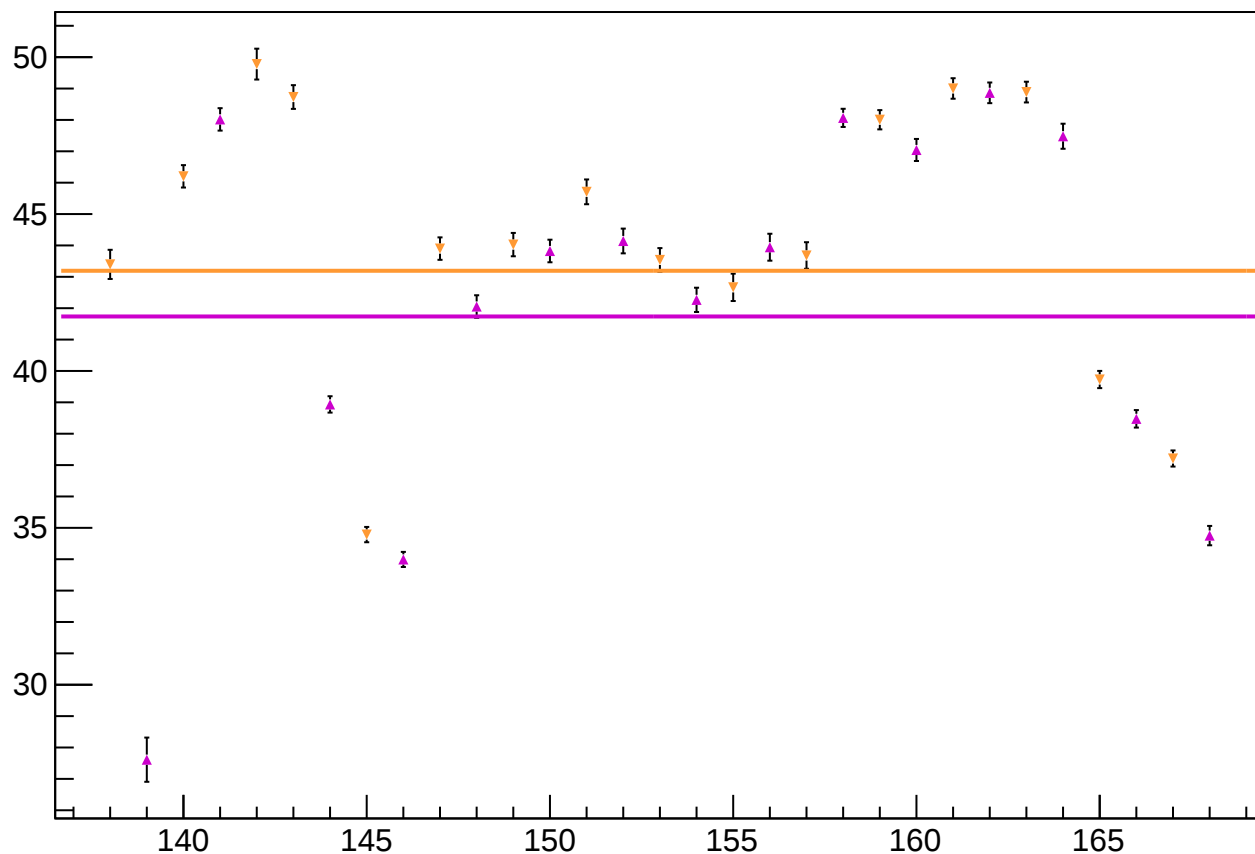
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.681+/-0.101 χ^2/NDF :3924.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.953+/-0.100 χ^2/NDF :4269.0/14

Left: 23.313+/-0.071 χ^2/NDF : 8219.8/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.953+/-0.100 χ^2/NDF :4269.0/14
 Out: 23.681+/-0.101 χ^2/NDF :3924.3/15
 All: 23.313+/-0.071 χ^2/NDF : 8219.8/30

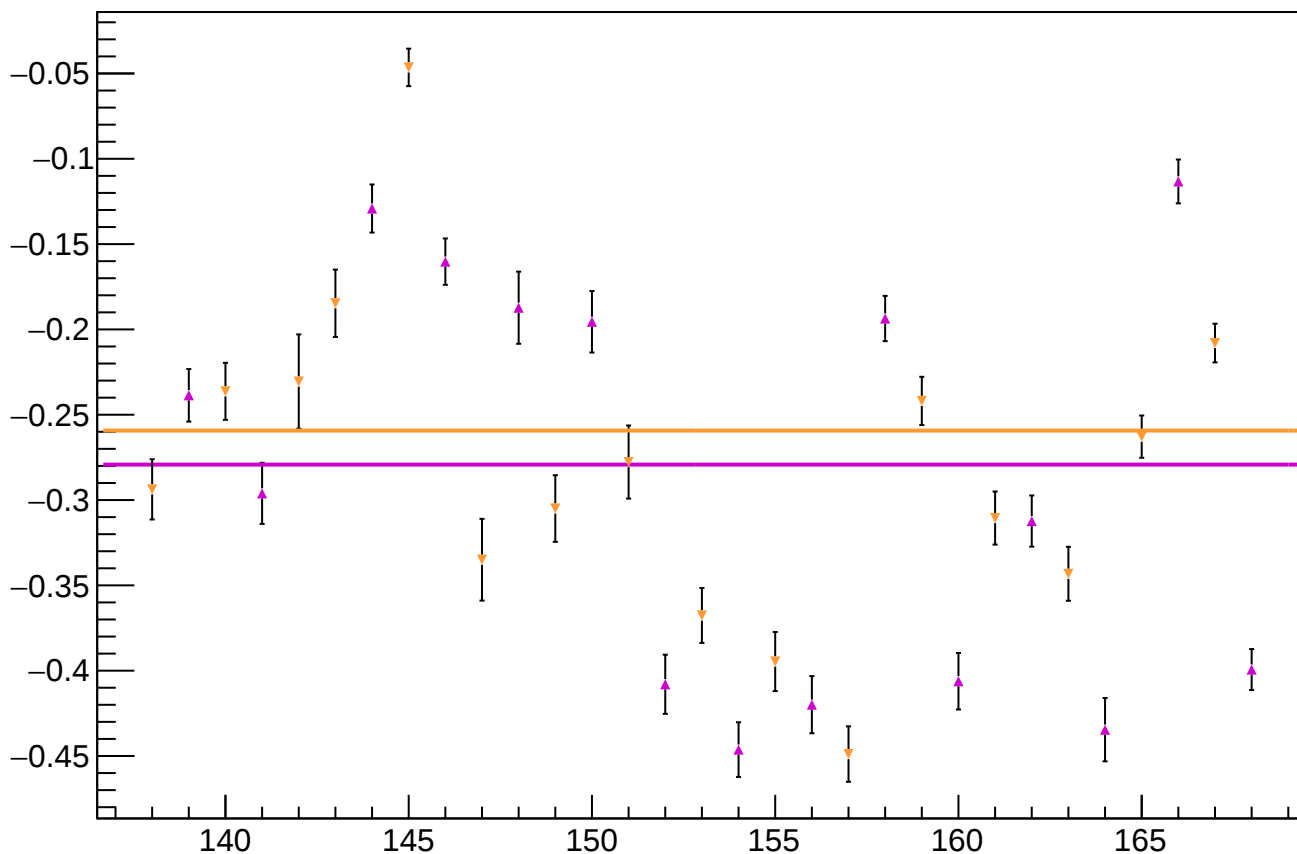
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 43.193 +/- 0.085 χ^2/NDF : 3267.7/15
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 41.736 +/- 0.086 χ^2/NDF : 3993.6/14

Left: 42.471 +/- 0.061 χ^2/NDF : 7405.6/30
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 41.736 +/- 0.086 χ^2/NDF : 3993.6/14
 Out: 43.193 +/- 0.085 χ^2/NDF : 3267.7/15
 All: 42.471 +/- 0.061 χ^2/NDF : 7405.6/30

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



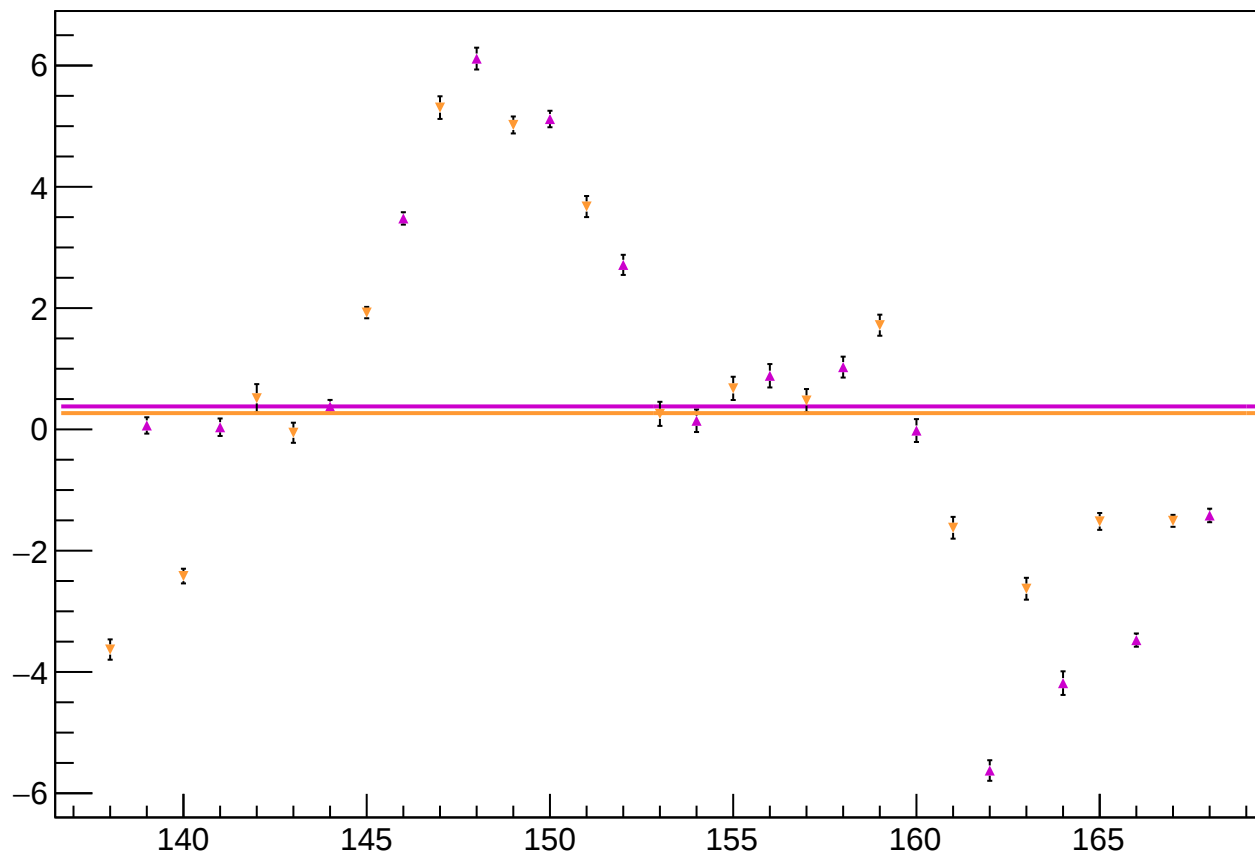
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.259 ± 0.004 $\chi^2/\text{NDF}: 716.5/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.279 ± 0.004 $\chi^2/\text{NDF}: 915.3/14$

Left: -0.269 ± 0.003 $\chi^2/\text{NDF}: 1644.5/30$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.279 ± 0.004 $\chi^2/\text{NDF}: 915.3/14$
 Out: -0.259 ± 0.004 $\chi^2/\text{NDF}: 716.5/15$

All: -0.269 ± 0.003 $\chi^2/\text{NDF}: 1644.5/30$

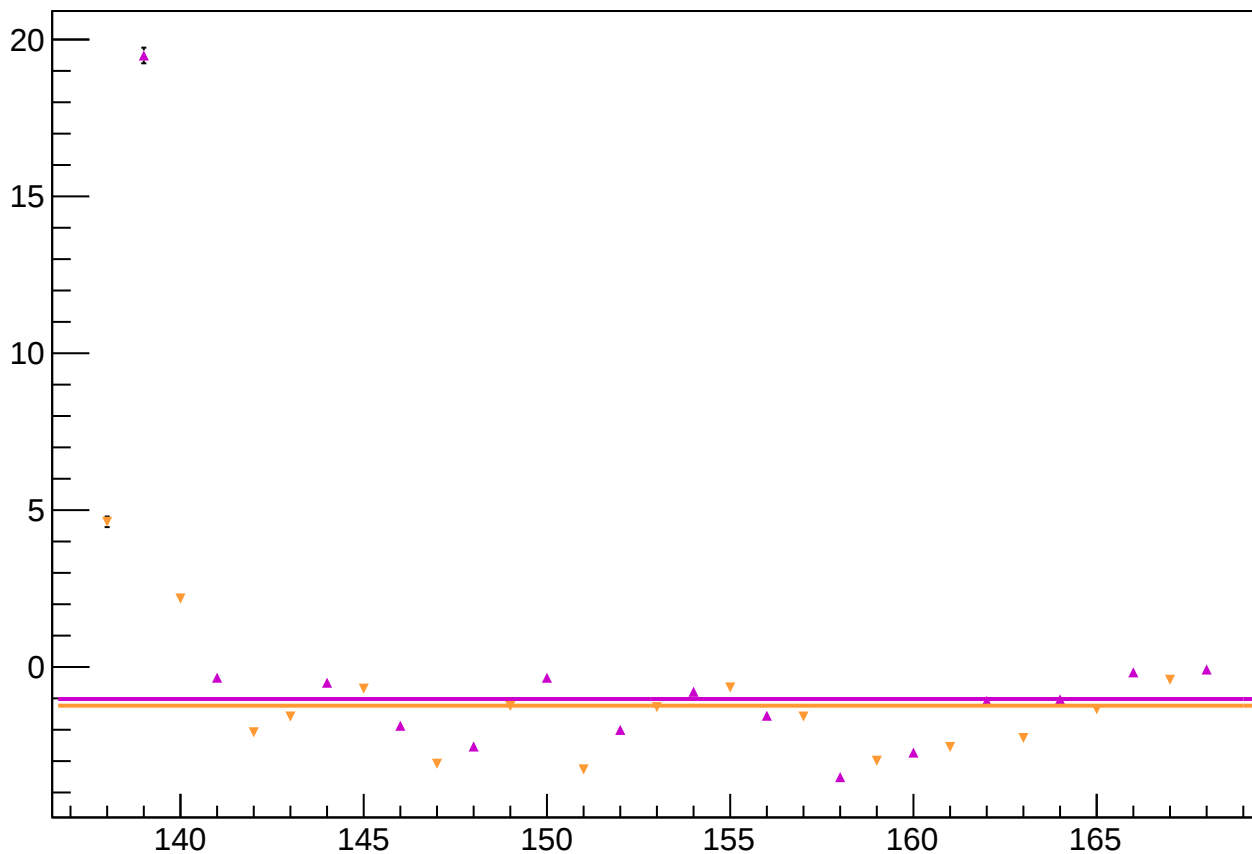
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.268 $\pm$ 0.037 χ^2 /NDF:4549.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.379 $\pm$ 0.037 χ^2 /NDF:6698.7/14

Left: 0.325 $\pm$ 0.026 χ^2 /NDF: 11252.5/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.379 $\pm$ 0.037 χ^2 /NDF:6698.7/14
 Out: 0.268 $\pm$ 0.037 χ^2 /NDF:4549.4/15
 All: 0.325 $\pm$ 0.026 χ^2 /NDF: 11252.5/30

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



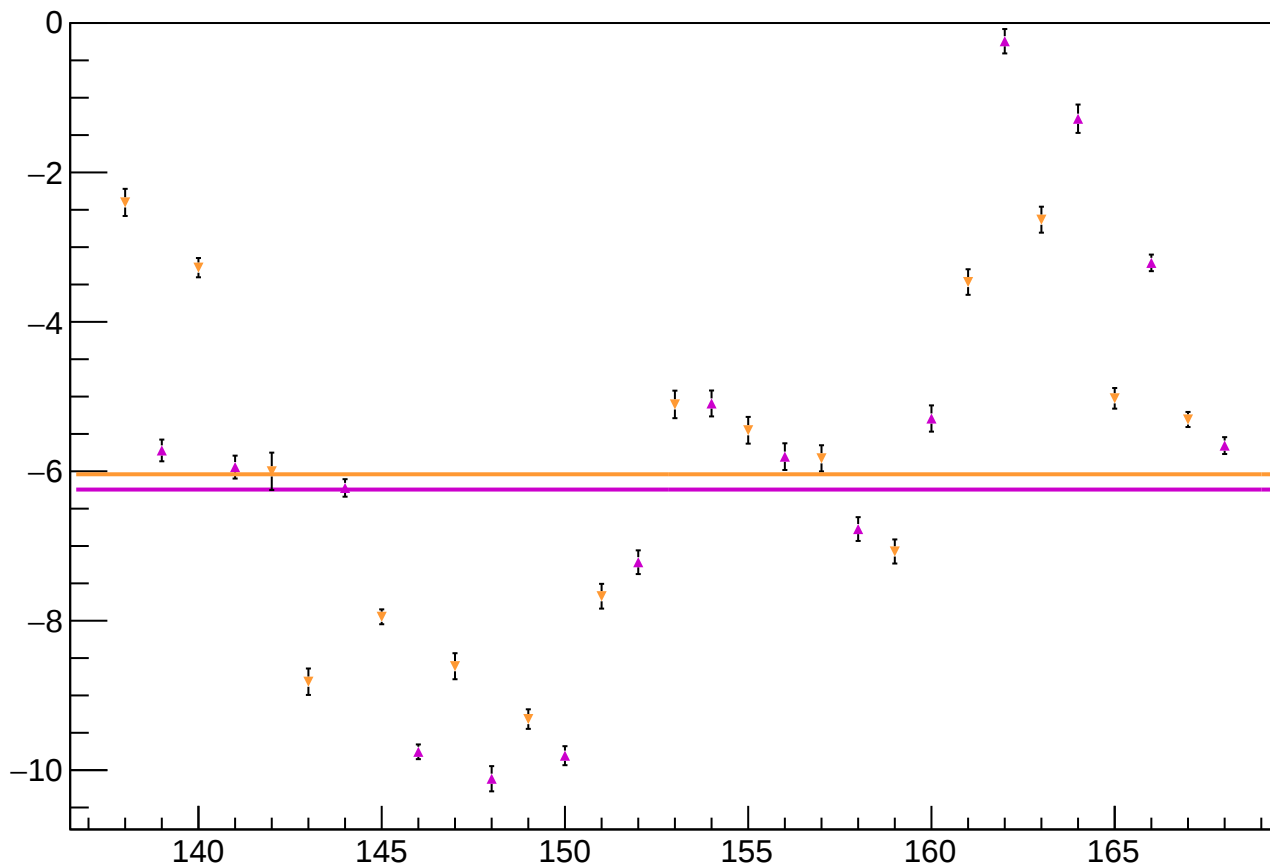
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.233+/-0.027 χ^2/NDF : 3780.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.020+/-0.027 χ^2/NDF : 8251.5/14

Left: -1.125+/-0.019 χ^2/NDF : 12062.7/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.020+/-0.027 χ^2/NDF : 8251.5/14
 Out: -1.233+/-0.027 χ^2/NDF : 3780.8/15

All: -1.125+/-0.019 χ^2/NDF : 12062.7/30

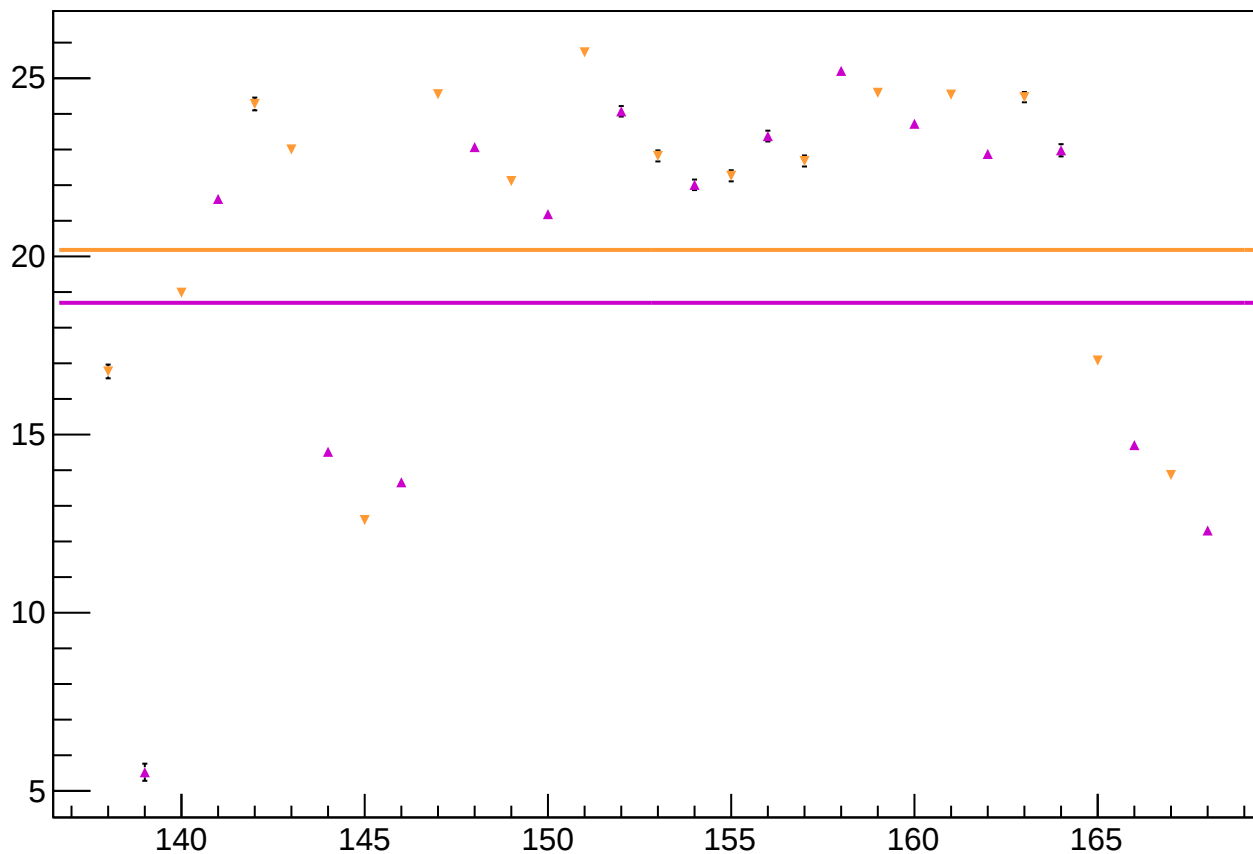
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.040+/-0.037 χ^2/NDF :3210.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.244+/-0.036 χ^2/NDF :5536.1/14

Left: -6.145+/-0.026 χ^2/NDF : 8762.2/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.244+/-0.036 χ^2/NDF :5536.1/14
 Out: -6.040+/-0.037 χ^2/NDF :3210.7/15
 All: -6.145+/-0.026 χ^2/NDF : 8762.2/30

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: 20.182+/-0.032 χ^2 /NDF:21291.8/15

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 18.698+/-0.031 χ^2 /NDF:24301.0/14

Left: 19.433+/-0.022 χ^2 /NDF: 46694.6/30

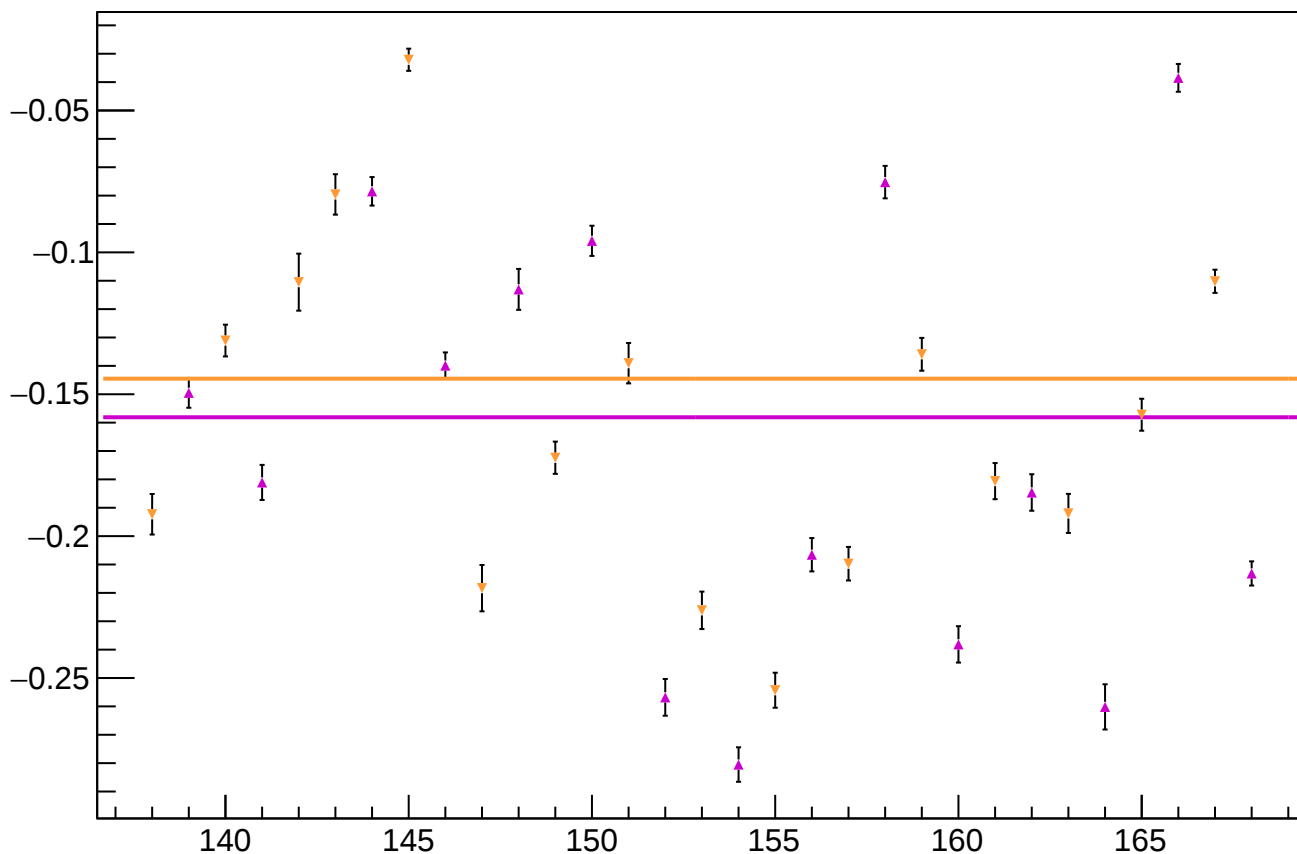
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 18.698+/-0.031 χ^2 /NDF:24301.0/14

Out: 20.182+/-0.032 χ^2 /NDF:21291.8/15

All: 19.433+/-0.022 χ^2 /NDF: 46694.6/30

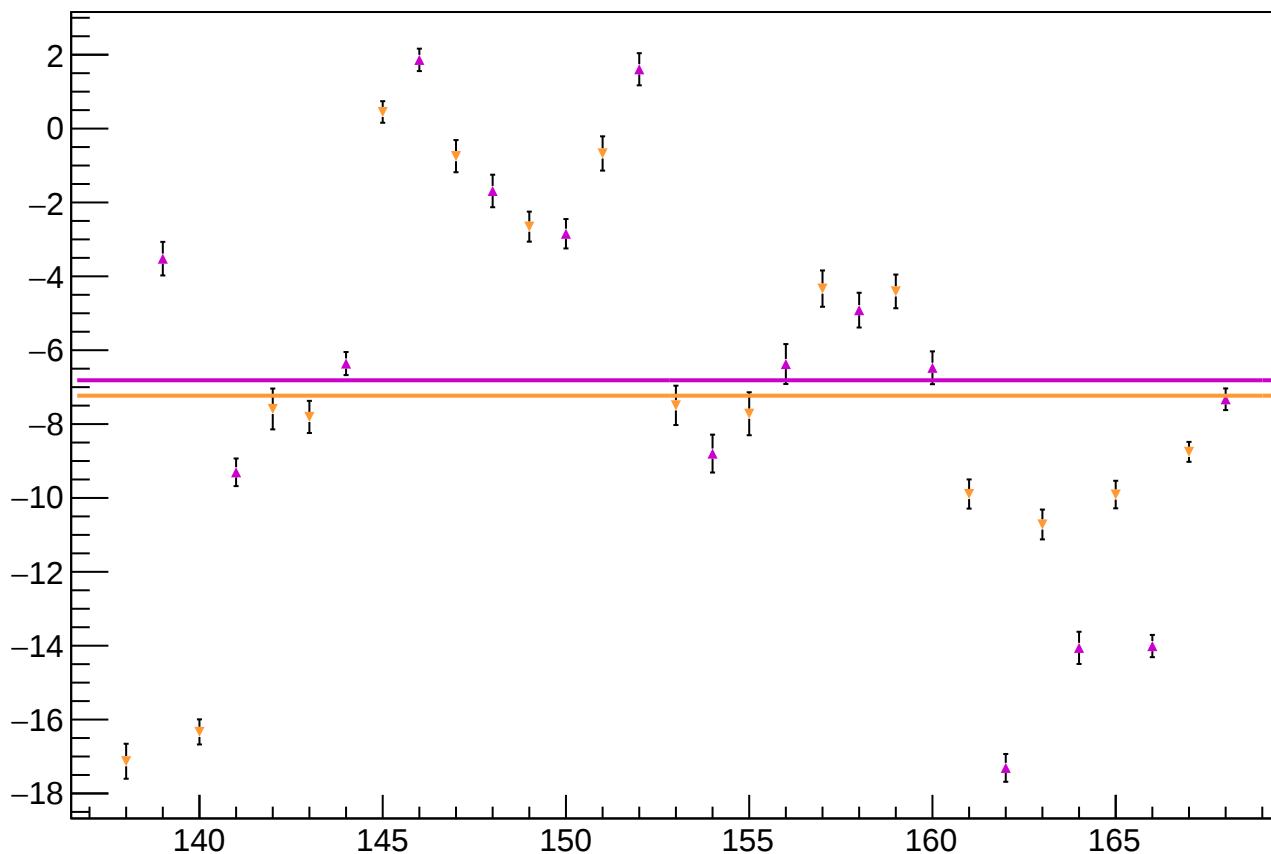
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.001 χ^2 /NDF:1827.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.158 $\pm$ 0.001 χ^2 /NDF:2474.8/14

Left: -0.151 $\pm$ 0.001 χ^2 /NDF: 4345.8/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.158 $\pm$ 0.001 χ^2 /NDF:2474.8/14
 Out: -0.145 $\pm$ 0.001 χ^2 /NDF:1827.9/15
 All: -0.151 $\pm$ 0.001 χ^2 /NDF: 4345.8/30

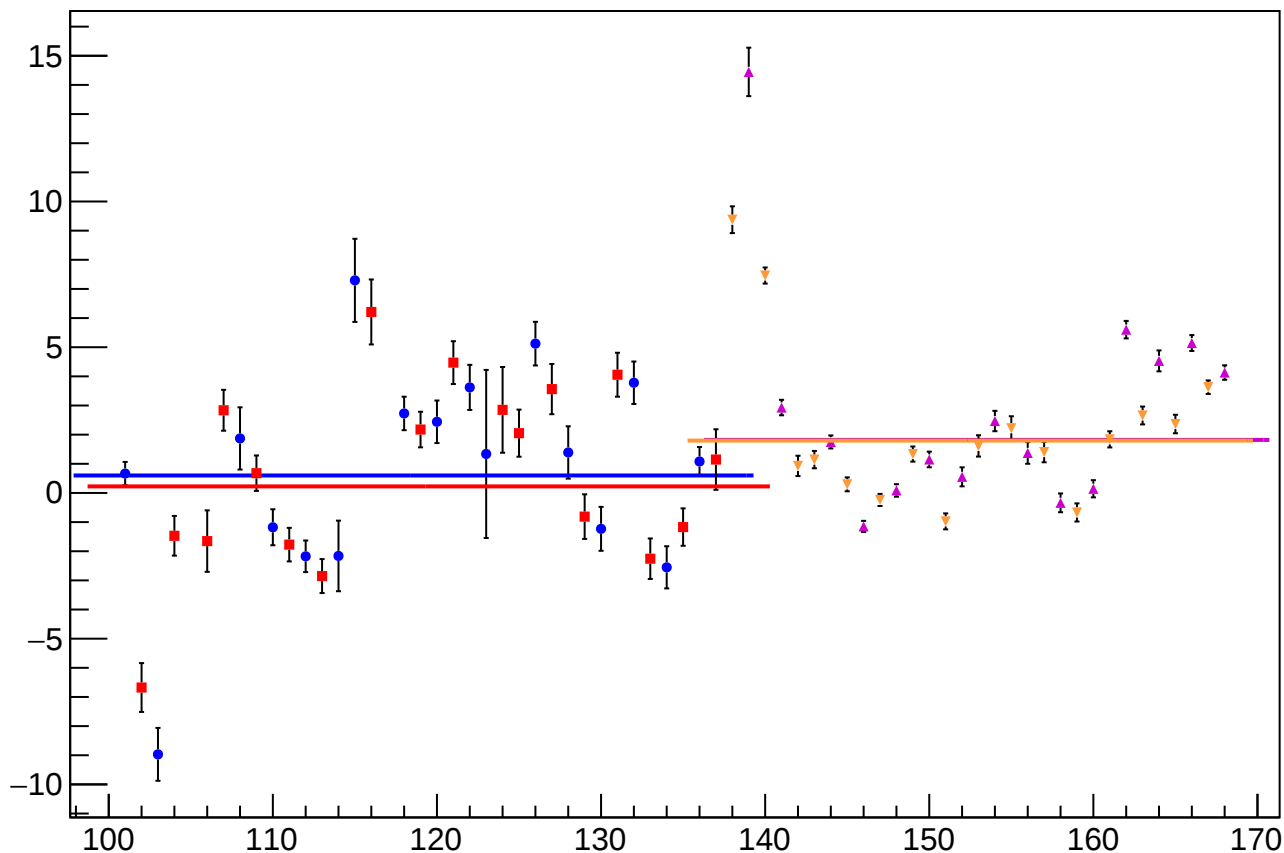
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.231+/-0.101 χ^2/NDF : 2673.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.814+/-0.099 χ^2/NDF : 3183.2/14

Left: -7.019+/-0.071 χ^2/NDF : 5865.2/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.814+/-0.099 χ^2/NDF : 3183.2/14
 Out: -7.231+/-0.101 χ^2/NDF : 2673.3/15
 All: -7.019+/-0.071 χ^2/NDF : 5865.2/30

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: 1.797 ± 0.072 χ^2/NDF : 1084.3/15

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 1.820 ± 0.072 χ^2/NDF : 1109.5/14

Left: 1.808 ± 0.051 χ^2/NDF : 2193.8/30

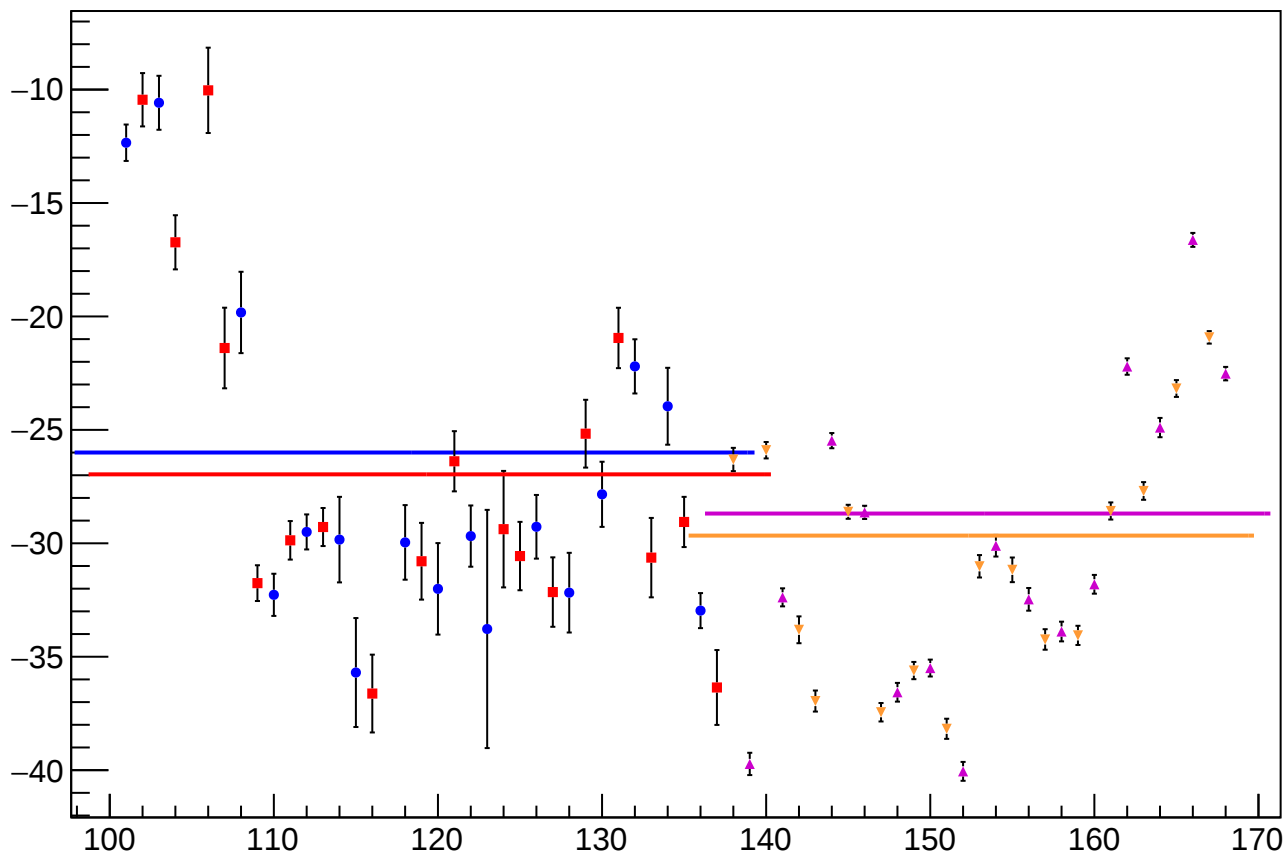
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 1.633 ± 0.066 χ^2/NDF : 1445.4/31

Out: 1.566 ± 0.067 χ^2/NDF : 1426.4/33

All: 1.600 ± 0.047 χ^2/NDF : 2872.4/65

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -29.660 ± 0.100 χ^2/NDF : 3005.5/15

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -28.688 ± 0.098 χ^2/NDF : 4765.3/14

Left: -29.162 ± 0.070 χ^2/NDF : 7819.0/30

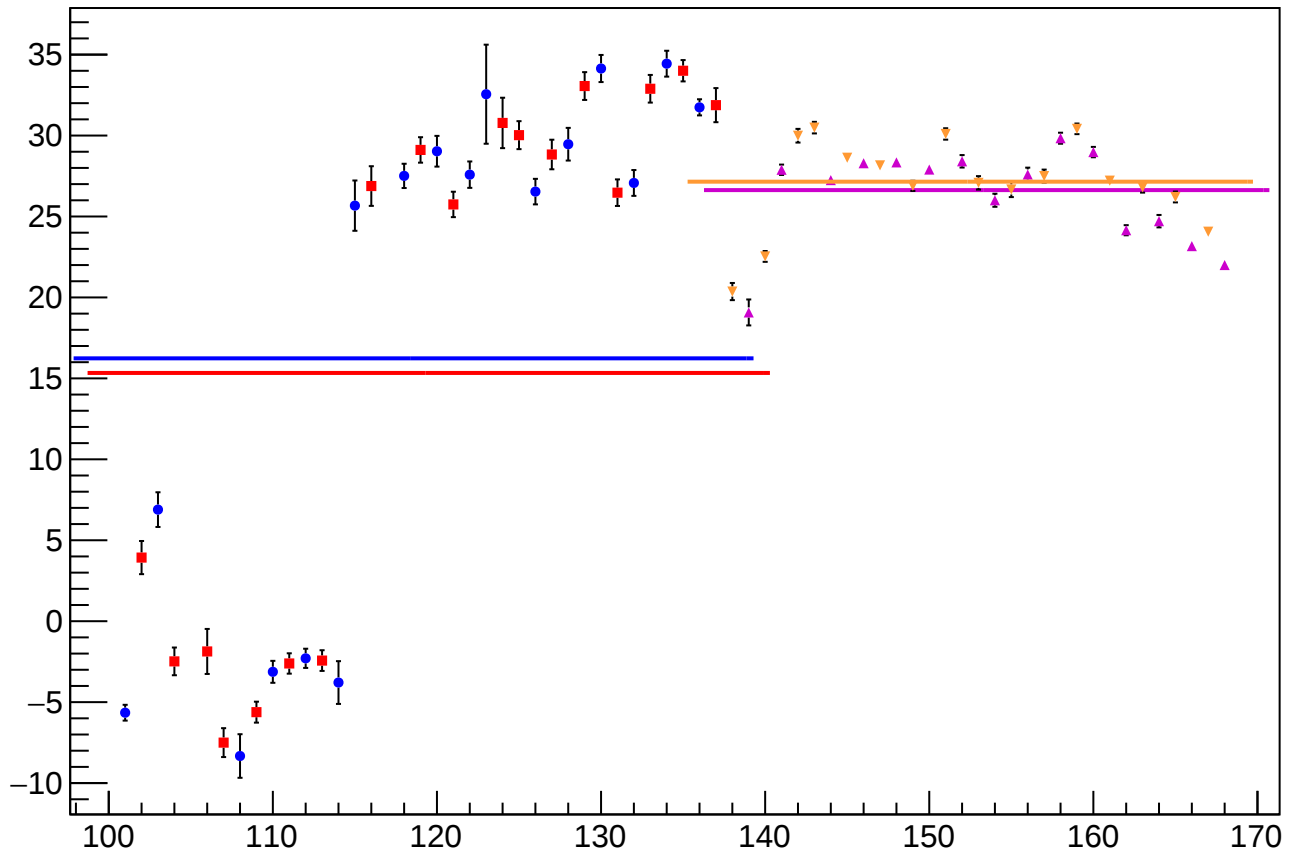
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -28.430 ± 0.093 χ^2/NDF : 5530.5/31

Out: -29.386 ± 0.095 χ^2/NDF : 3614.5/33

All: -28.897 ± 0.066 χ^2/NDF : 9196.7/65

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.151 $\pm$ 0.084 χ^2 /NDF:858.1/15

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 26.630 $\pm$ 0.084 χ^2 /NDF:864.4/14

Left: 26.889 $\pm$ 0.059 χ^2 /NDF: 1741.7/30

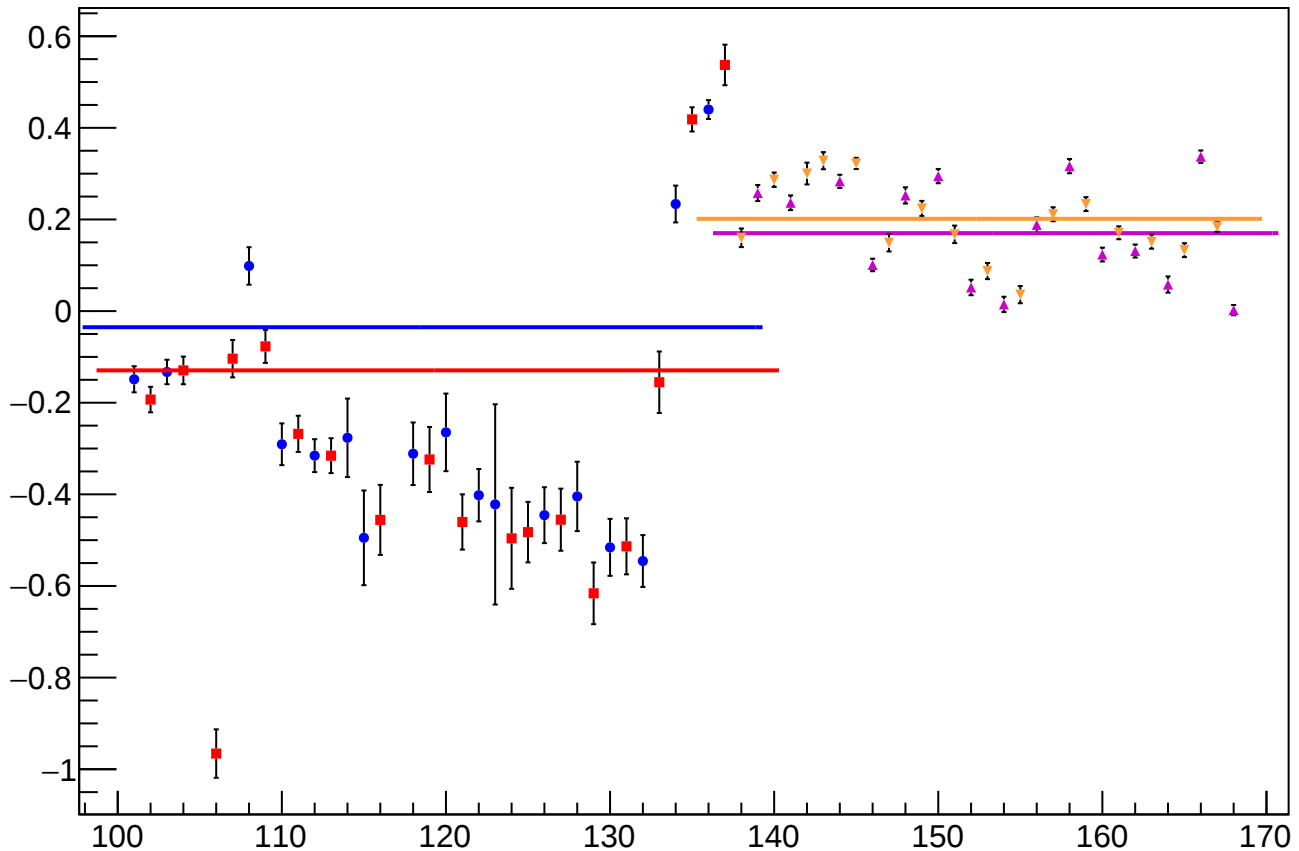
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.955 $\pm$ 0.077 χ^2 /NDF:10918.0/31

Out: 25.327 $\pm$ 0.077 χ^2 /NDF:11155.1/33

All: 25.139 $\pm$ 0.055 χ^2 /NDF: 22084.8/65

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: 0.201 ± 0.004 χ^2/NDF : 370.6/15

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.170 ± 0.004 χ^2/NDF : 873.5/14

Left: 0.186 ± 0.003 χ^2/NDF : 1275.5/30

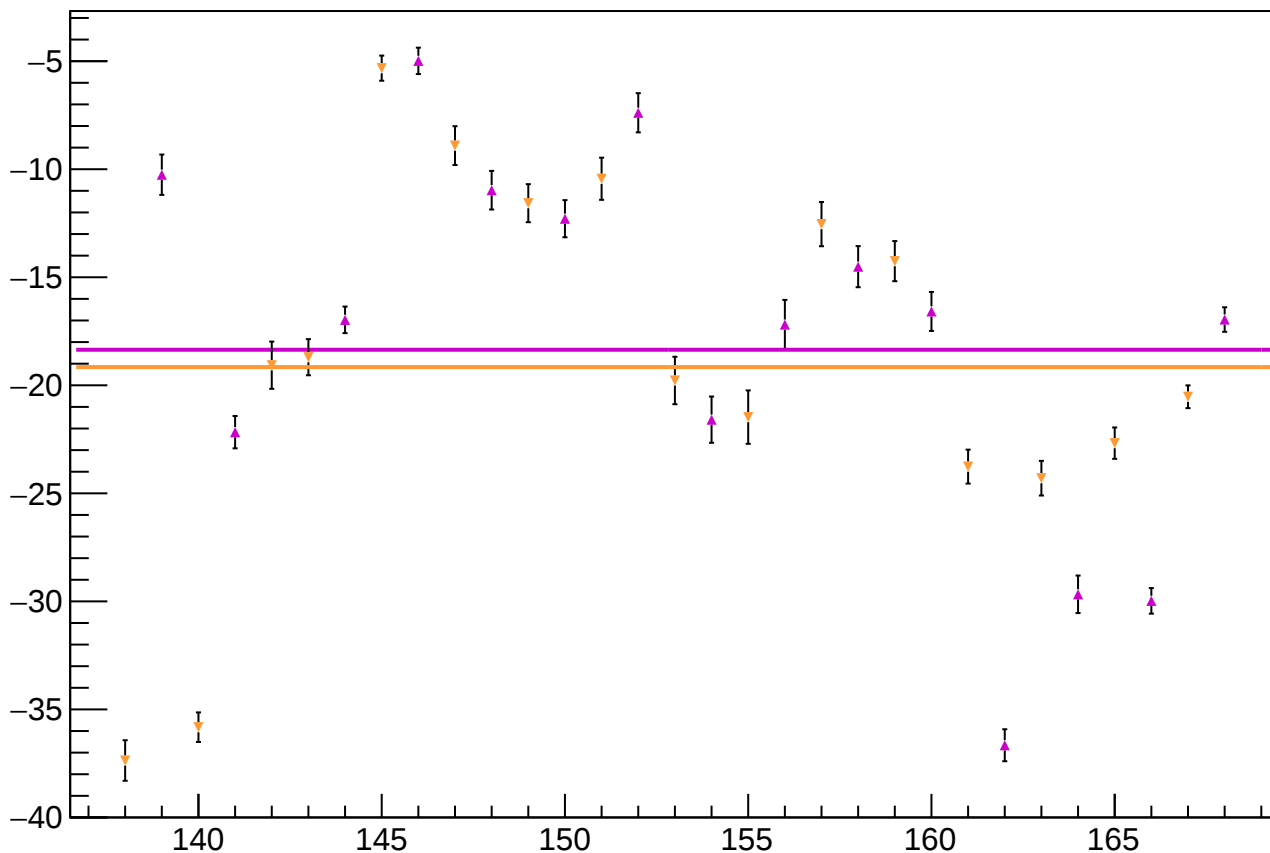
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.144 ± 0.004 χ^2/NDF : 2233.3/31

Out: 0.159 ± 0.004 χ^2/NDF : 2416.7/33

All: 0.152 ± 0.003 χ^2/NDF : 4658.1/65

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -19.157 $\pm$ 0.203 χ^2/NDF :1998.2/15

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -18.354 $\pm$ 0.199 χ^2/NDF :2053.7/14

Left: -18.749 $\pm$ 0.142 χ^2/NDF : 4059.9/30

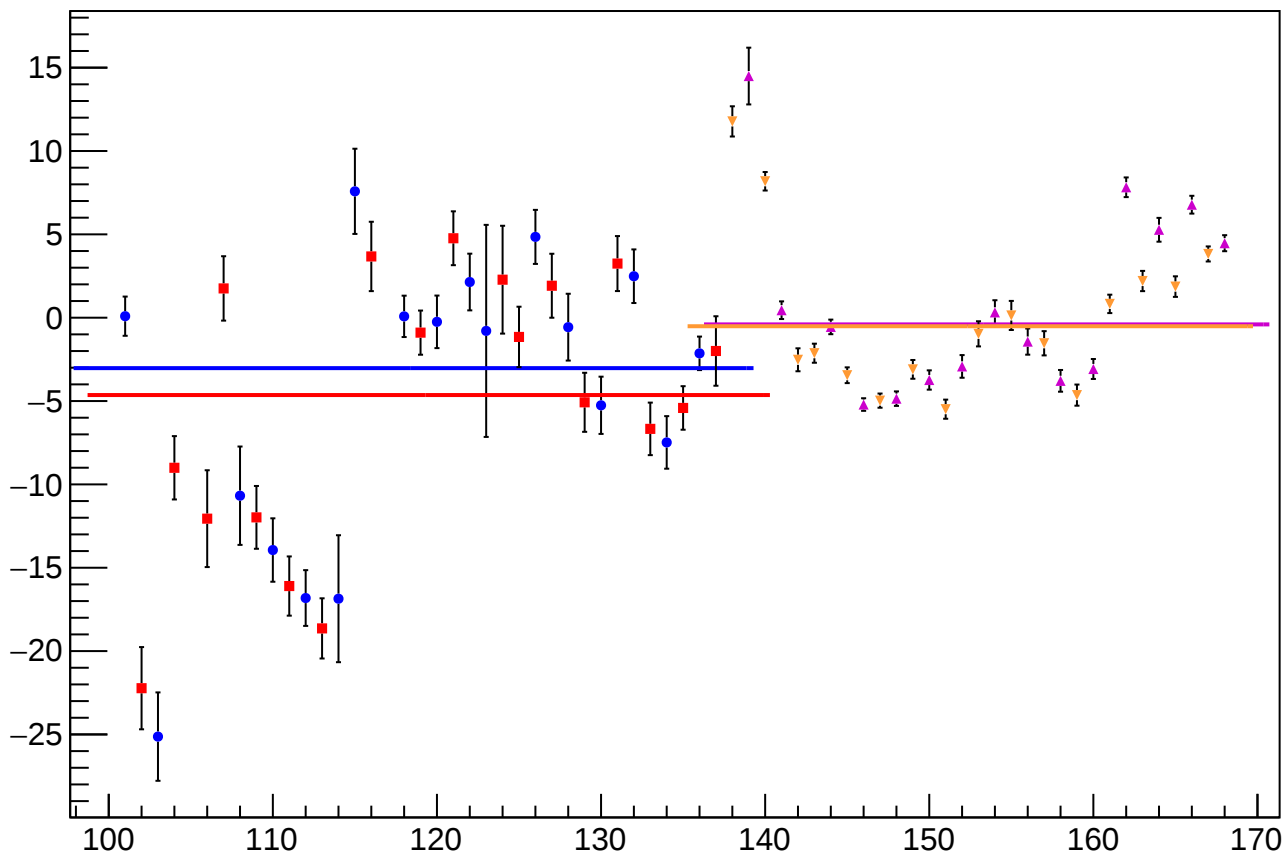
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -18.354 $\pm$ 0.199 χ^2/NDF :2053.7/14

Out: -19.157 $\pm$ 0.203 χ^2/NDF :1998.2/15

All: -18.749 $\pm$ 0.142 χ^2/NDF : 4059.9/30

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: -0.512 ± 0.146 χ^2/NDF : 868.7/15

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -0.402 ± 0.144 χ^2/NDF : 984.0/14

Left: -0.457 ± 0.103 χ^2/NDF : 1852.9/30

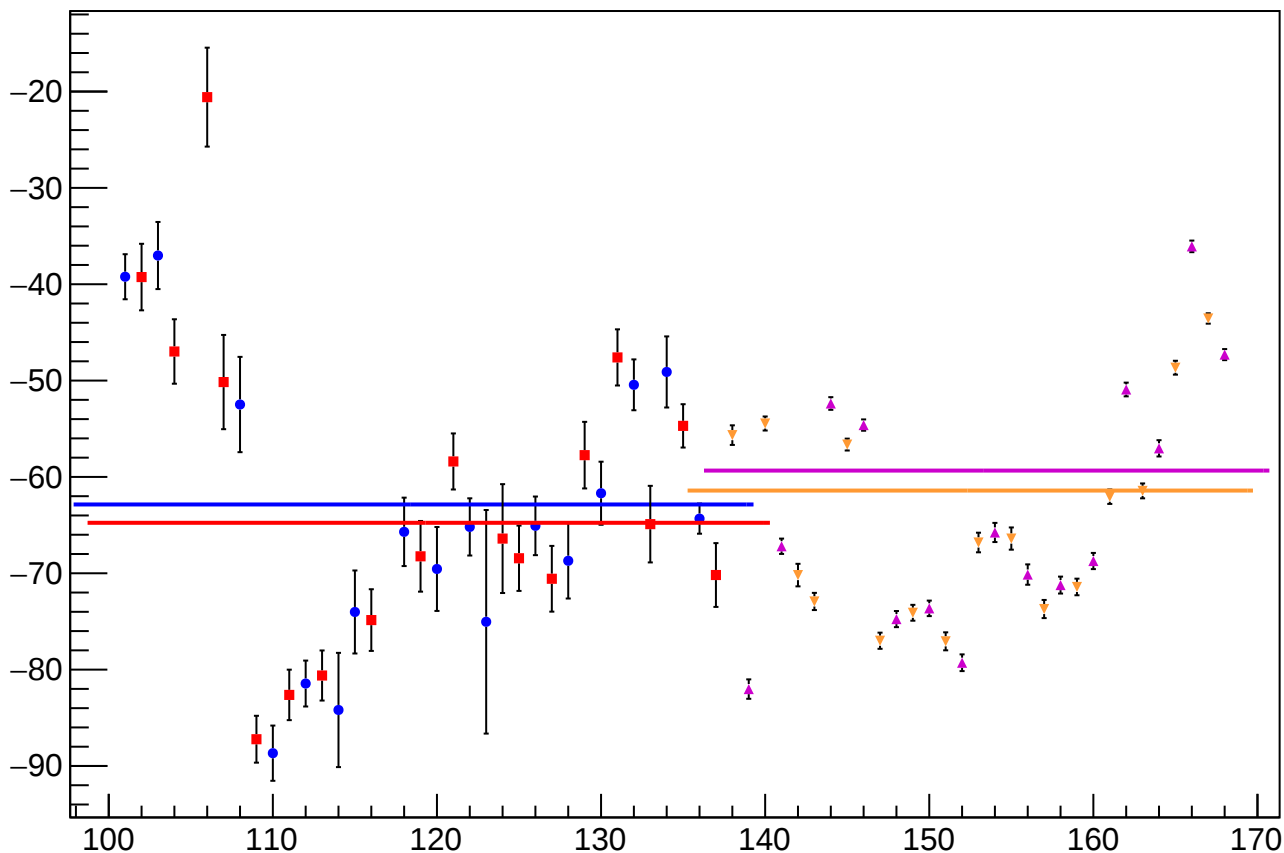
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -0.694 ± 0.136 χ^2/NDF : 1301.3/31

Out: -0.946 ± 0.138 χ^2/NDF : 1247.3/33

All: -0.818 ± 0.097 χ^2/NDF : 2550.3/65

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -61.415 $\pm$ 0.202 χ^2 /NDF:3033.1/15

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -59.341 $\pm$ 0.197 χ^2 /NDF:4494.5/14

Left: -60.350 $\pm$ 0.141 χ^2 /NDF: 7581.6/30

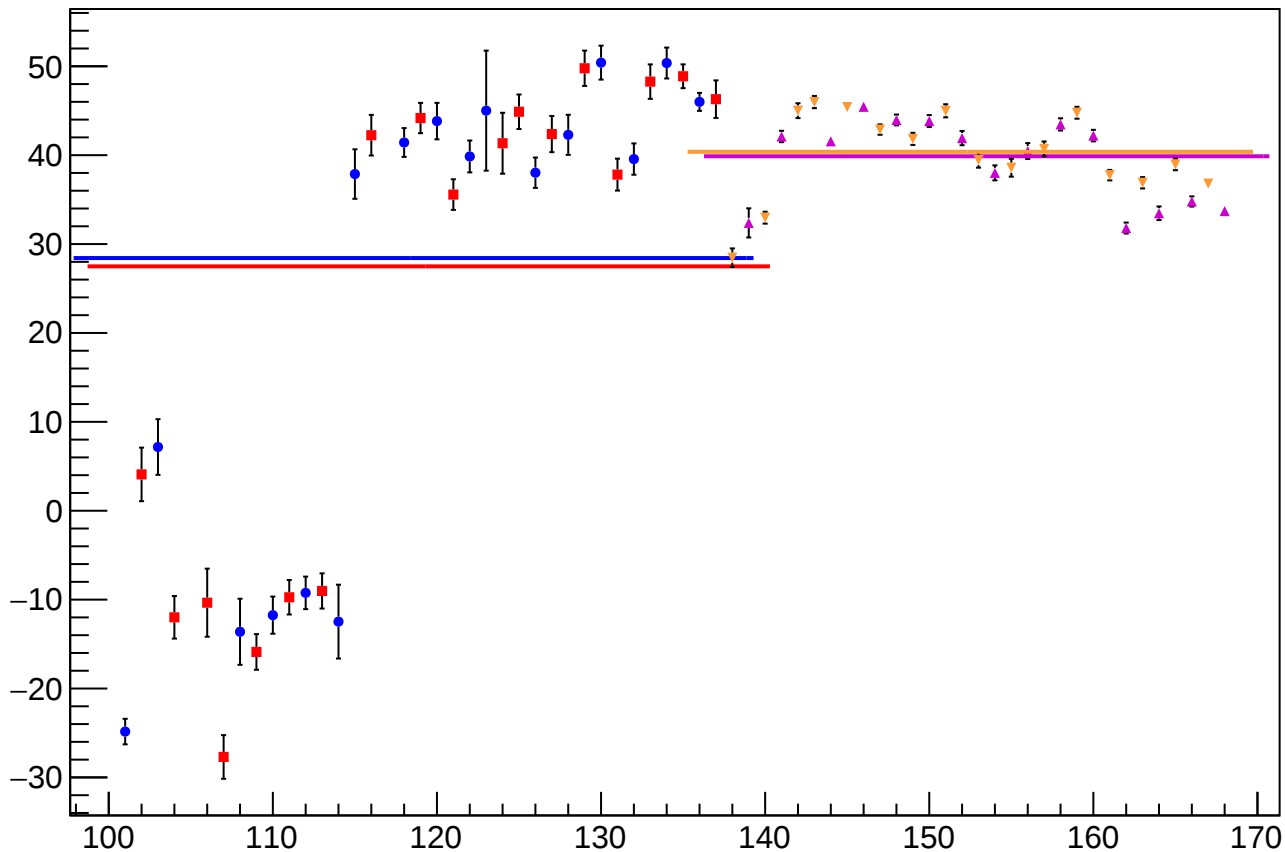
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -59.574 $\pm$ 0.190 χ^2 /NDF:4883.3/31

Out: -61.639 $\pm$ 0.195 χ^2 /NDF:3467.6/33

All: -60.580 $\pm$ 0.136 χ^2 /NDF: 8408.4/65

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: 40.382 $\pm$ 0.170 χ^2 /NDF:649.1/15

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 39.876 $\pm$ 0.169 χ^2 /NDF:755.4/14

Left: 40.128 $\pm$ 0.120 χ^2 /NDF: 1409.0/30

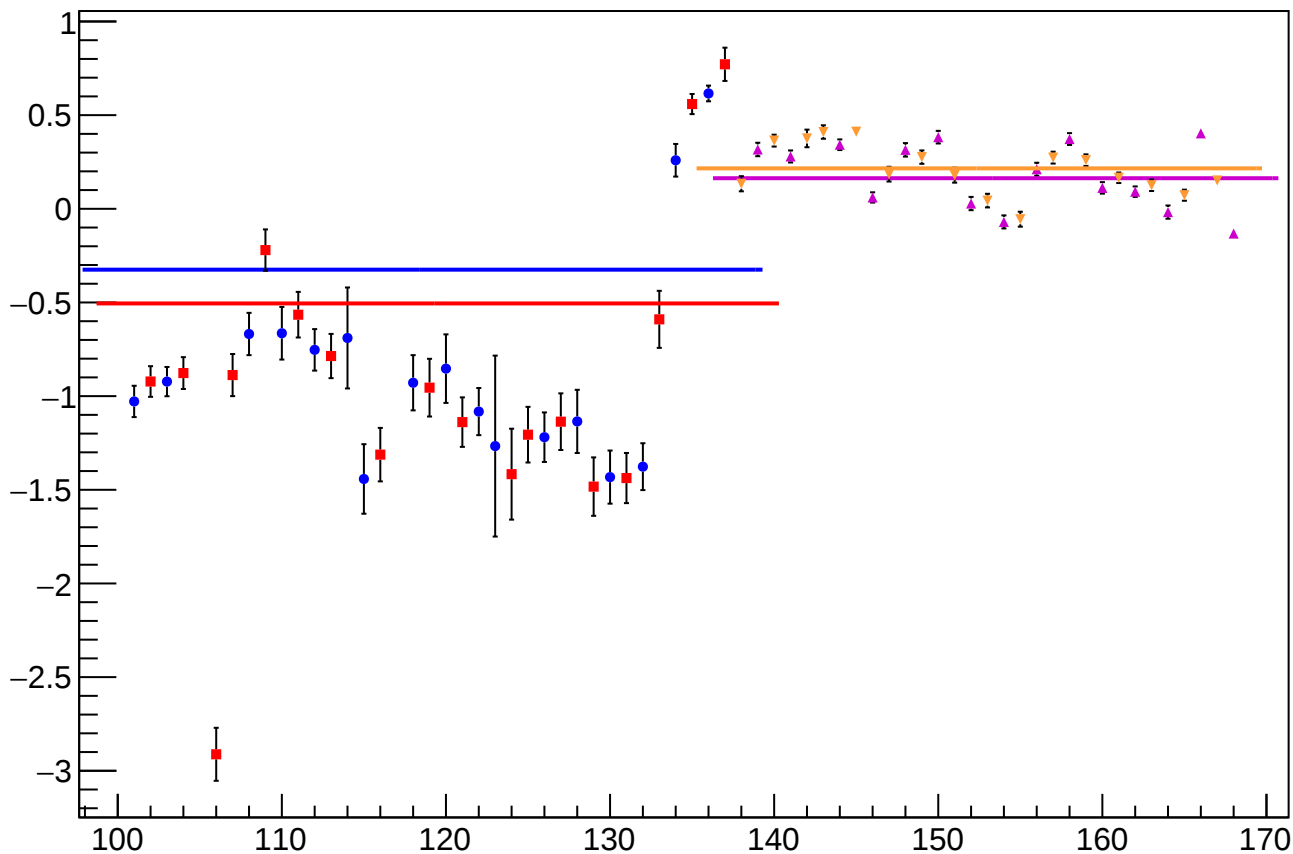
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.508 $\pm$ 0.158 χ^2 /NDF:4628.7/31

Out: 38.943 $\pm$ 0.160 χ^2 /NDF:4320.8/33

All: 38.723 $\pm$ 0.112 χ^2 /NDF: 8953.2/65

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: 0.216 ± 0.008 χ^2/NDF : 254.2/15

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.163 ± 0.008 χ^2/NDF : 552.0/14

Left: 0.189 ± 0.006 χ^2/NDF : 828.1/30

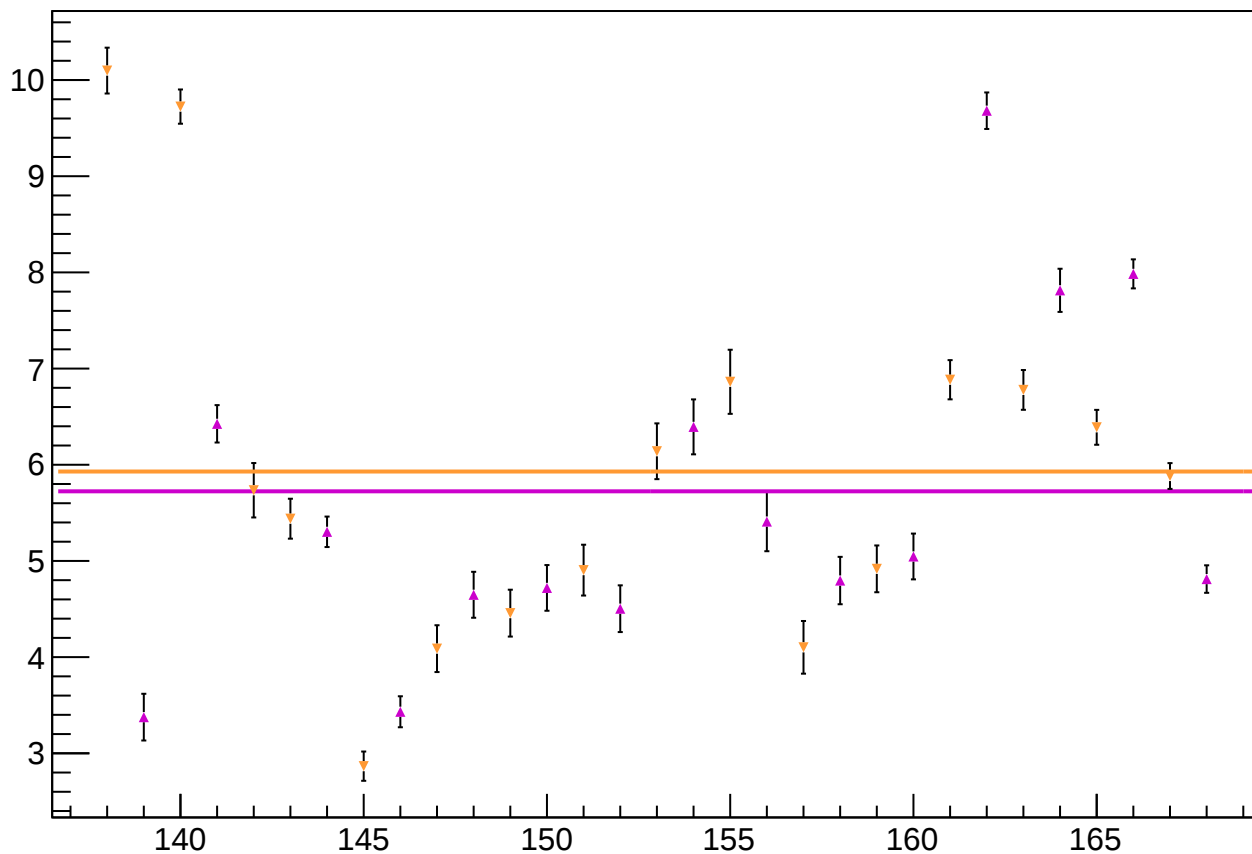
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.119 ± 0.008 χ^2/NDF : 1912.6/31

Out: 0.152 ± 0.008 χ^2/NDF : 2131.6/33

All: 0.135 ± 0.005 χ^2/NDF : 4053.9/65

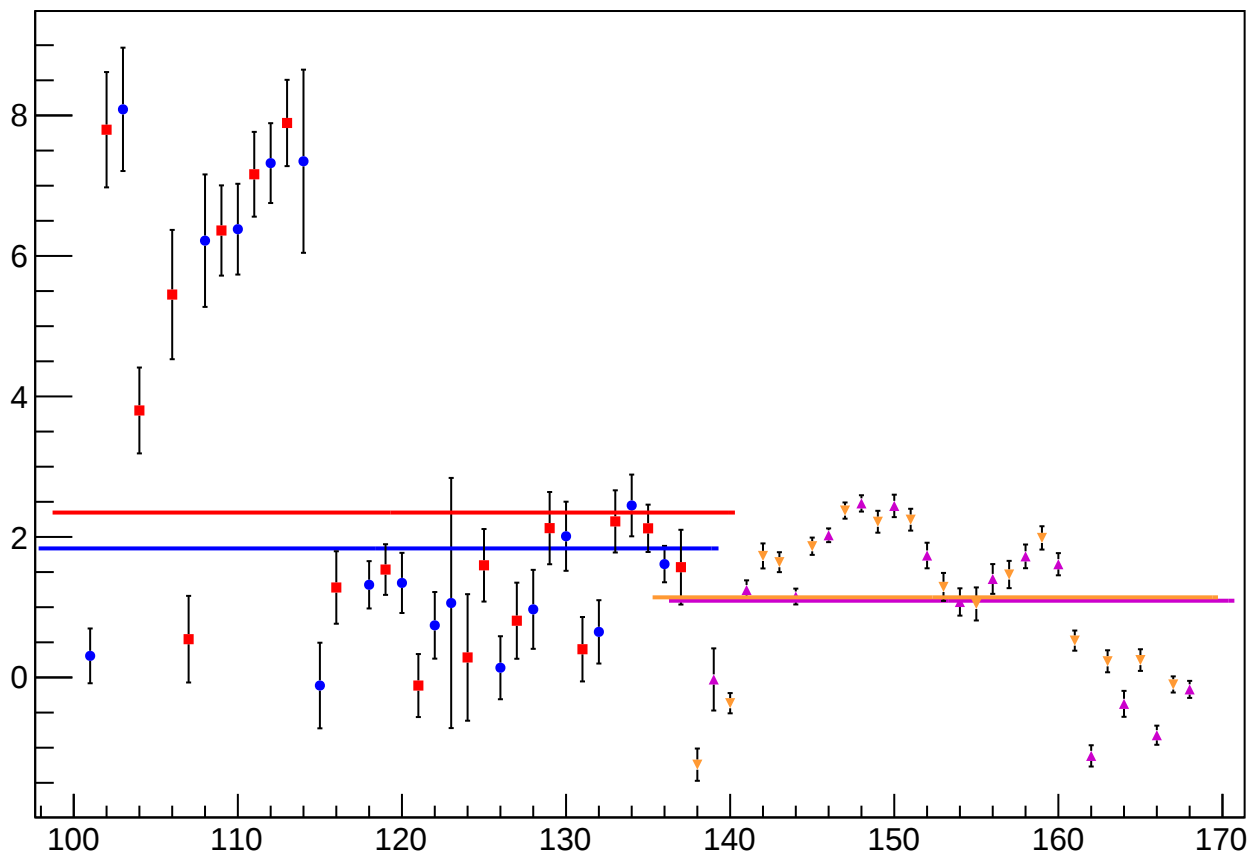
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.930+/-0.053 χ^2/NDF :1395.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.724+/-0.052 χ^2/NDF :1194.4/14

Left: 5.825+/-0.037 χ^2/NDF : 2598.1/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.724+/-0.052 χ^2/NDF :1194.4/14
 Out: 5.930+/-0.053 χ^2/NDF :1395.9/15
 All: 5.825+/-0.037 χ^2/NDF : 2598.1/30

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: 1.140 ± 0.038 χ^2/NDF : 720.0/15

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.092 ± 0.038 χ^2/NDF : 933.8/14

Left: 1.116 ± 0.027 χ^2/NDF : 1654.6/30

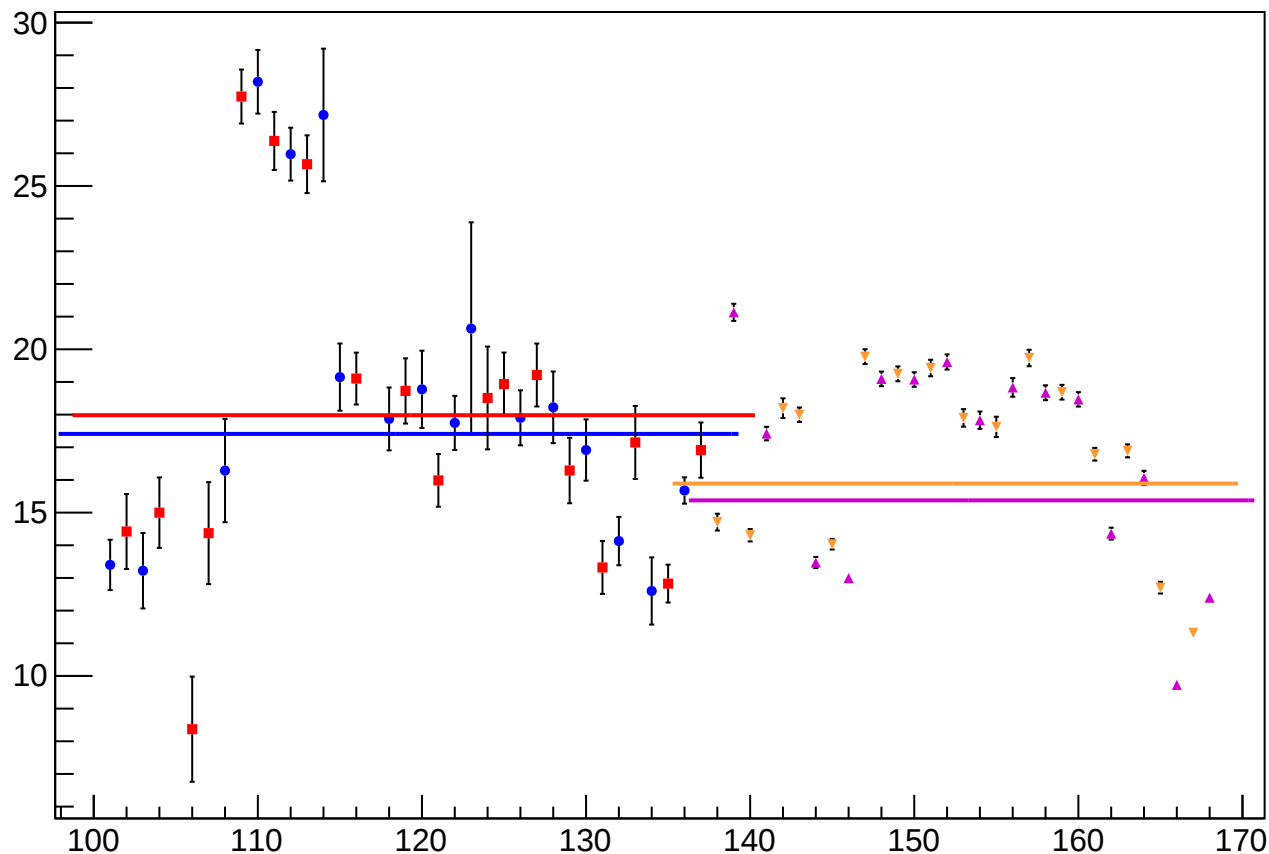
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.163 ± 0.036 χ^2/NDF : 1265.1/31

Out: 1.247 ± 0.036 χ^2/NDF : 1138.1/33

All: 1.204 ± 0.026 χ^2/NDF : 2405.9/65

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: 15.889 $\pm$ 0.053 χ^2 /NDF:3015.3/15

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 15.375 $\pm$ 0.051 χ^2 /NDF:4278.6/14

Left: 15.626 $\pm$ 0.037 χ^2 /NDF: 7342.9/30

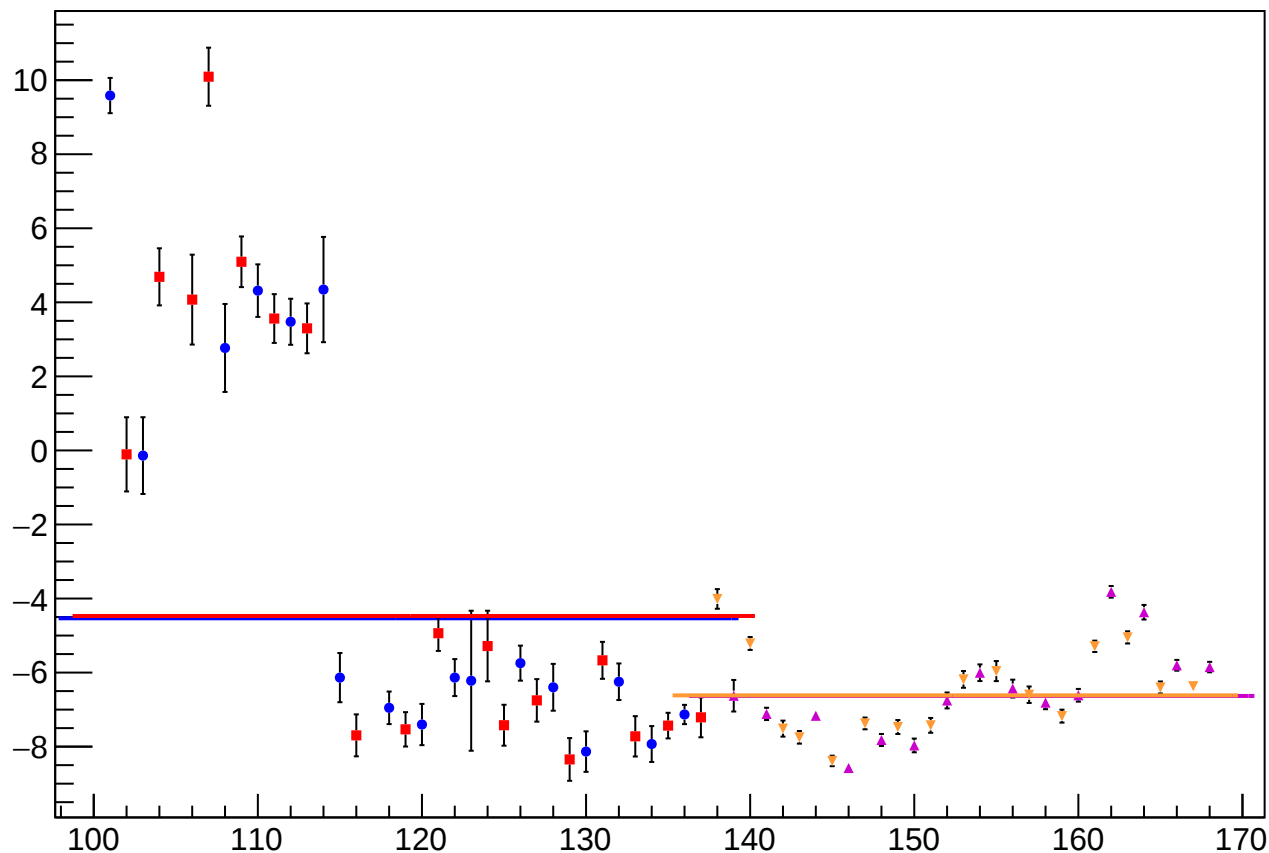
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.488 $\pm$ 0.050 χ^2 /NDF:4730.7/31

Out: 16.003 $\pm$ 0.051 χ^2 /NDF:3592.1/33

All: 15.739 $\pm$ 0.036 χ^2 /NDF: 8374.9/65

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: -6.616 ± 0.044 χ^2/NDF : 627.4/15

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.631 ± 0.044 χ^2/NDF : 897.0/14

Left: -6.623 ± 0.031 χ^2/NDF : 1524.5/30

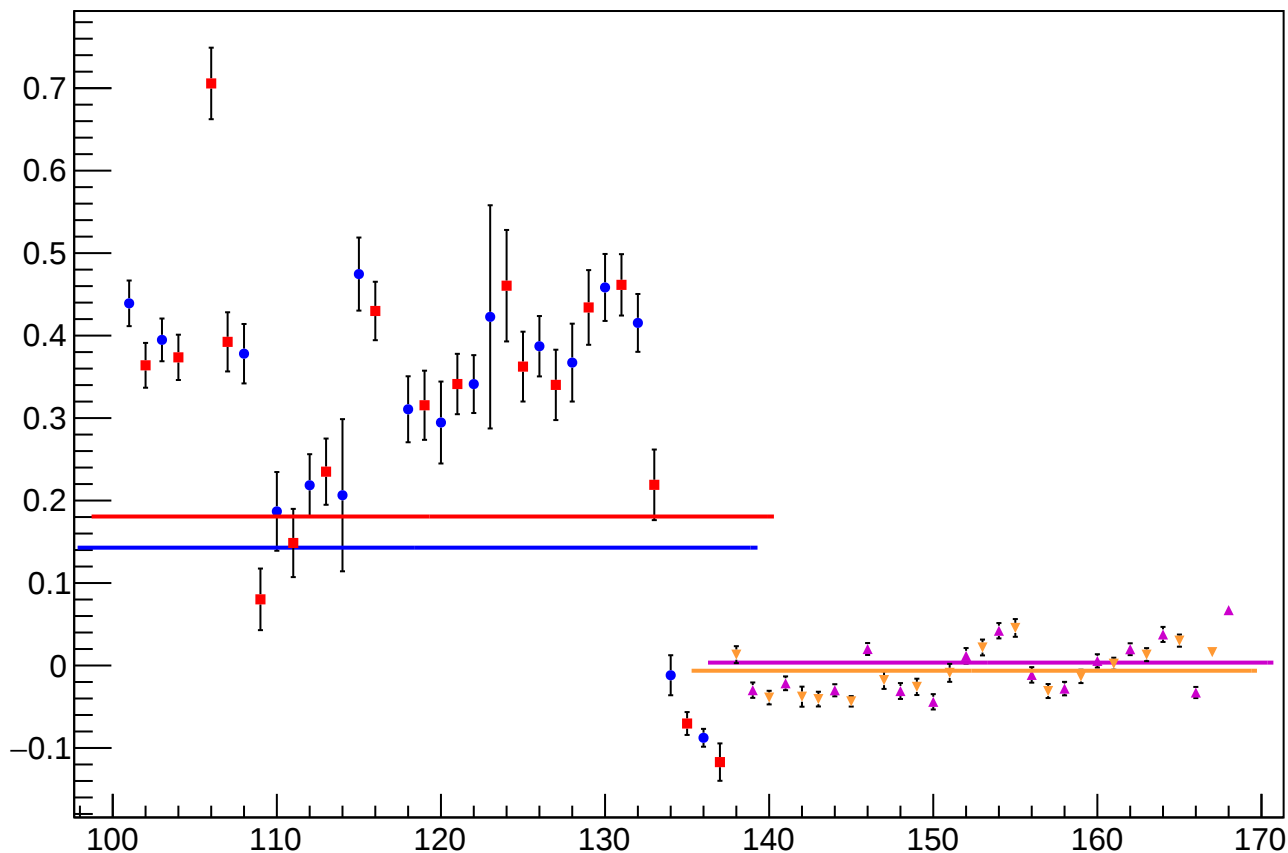
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.415 ± 0.042 χ^2/NDF : 2720.2/31

Out: -6.413 ± 0.042 χ^2/NDF : 2188.8/33

All: -6.414 ± 0.030 χ^2/NDF : 4909.1/65

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: -0.006 ± 0.002 $\chi^2/\text{NDF}: 169.3/15$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: 0.004 ± 0.002 $\chi^2/\text{NDF}: 304.3/14$

Left: -0.001 ± 0.001 $\chi^2/\text{NDF}: 484.9/30$

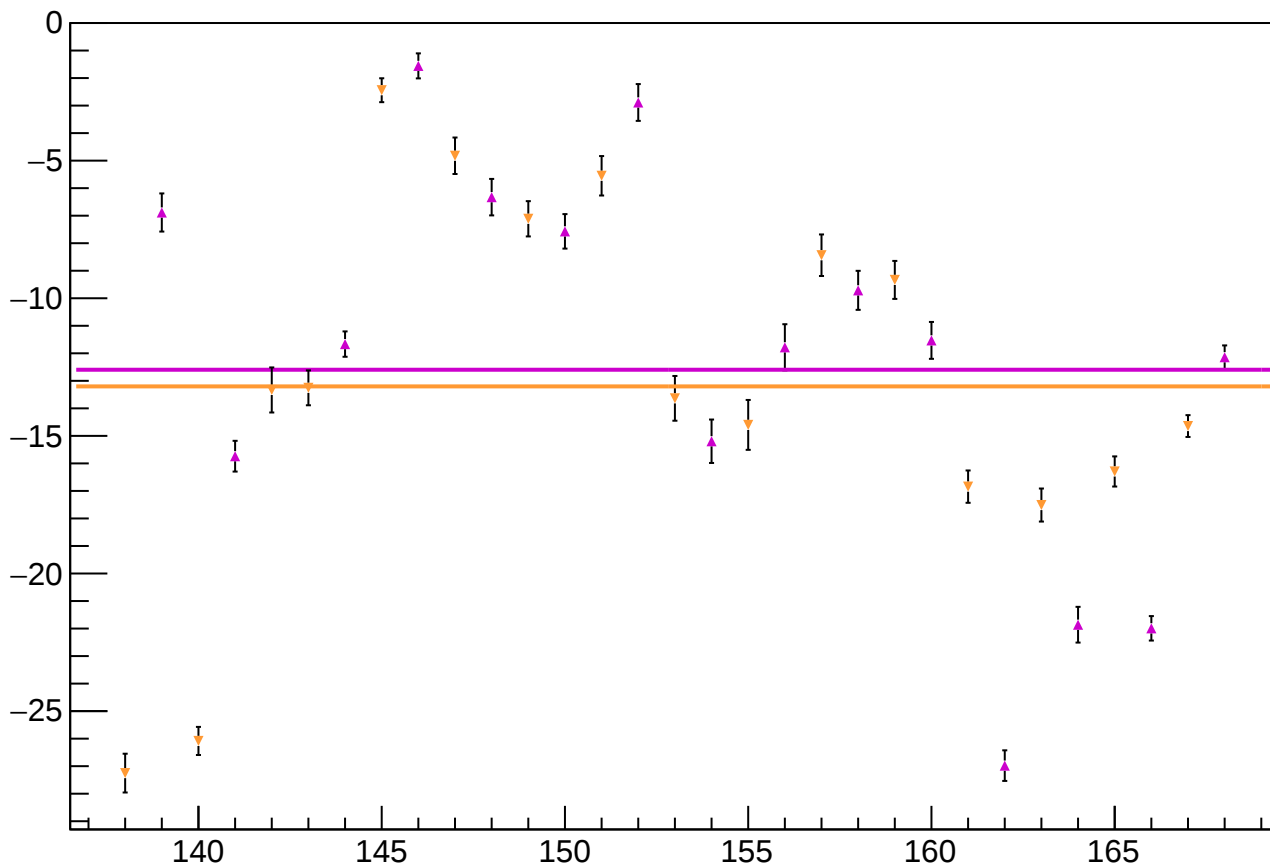
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.014 ± 0.002 $\chi^2/\text{NDF}: 1722.9/31$

Out: 0.007 ± 0.002 $\chi^2/\text{NDF}: 1764.0/33$

All: 0.011 ± 0.001 $\chi^2/\text{NDF}: 3493.0/65$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



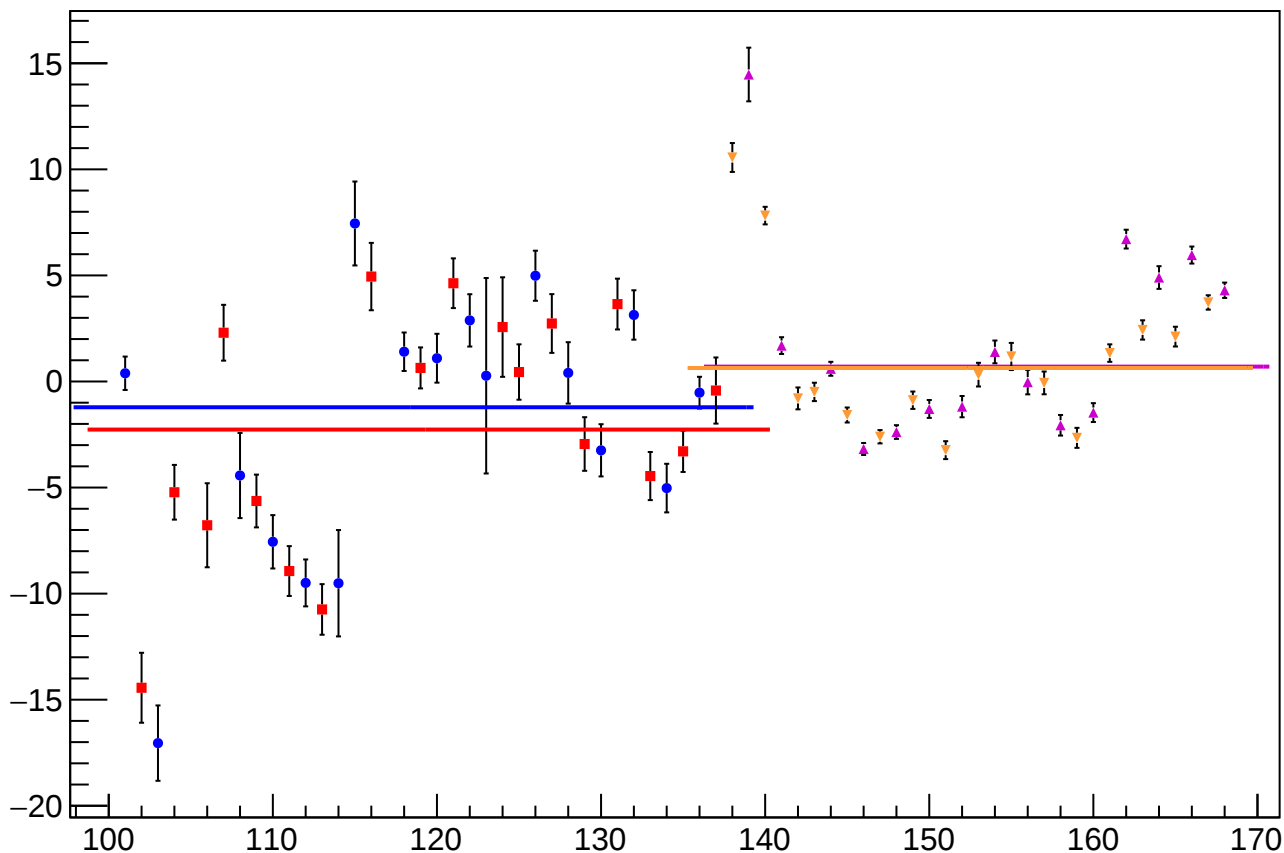
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.202+/-0.151 χ^2/NDF :2221.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.597+/-0.149 χ^2/NDF :2410.5/14

Left: -12.895+/-0.106 χ^2/NDF : 4640.4/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.597+/-0.149 χ^2/NDF :2410.5/14
 Out: -13.202+/-0.151 χ^2/NDF :2221.8/15

All: -12.895+/-0.106 χ^2/NDF : 4640.4/30

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: 0.636 $\pm$ 0.109 χ^2 /NDF:933.9/15

Right Out: -2.267 $\pm$ 0.302 χ^2 /NDF: 283.9/17

Left In: 0.701 $\pm$ 0.108 χ^2 /NDF:1016.4/14

Left: 0.669 $\pm$ 0.077 χ^2 /NDF: 1950.4/30

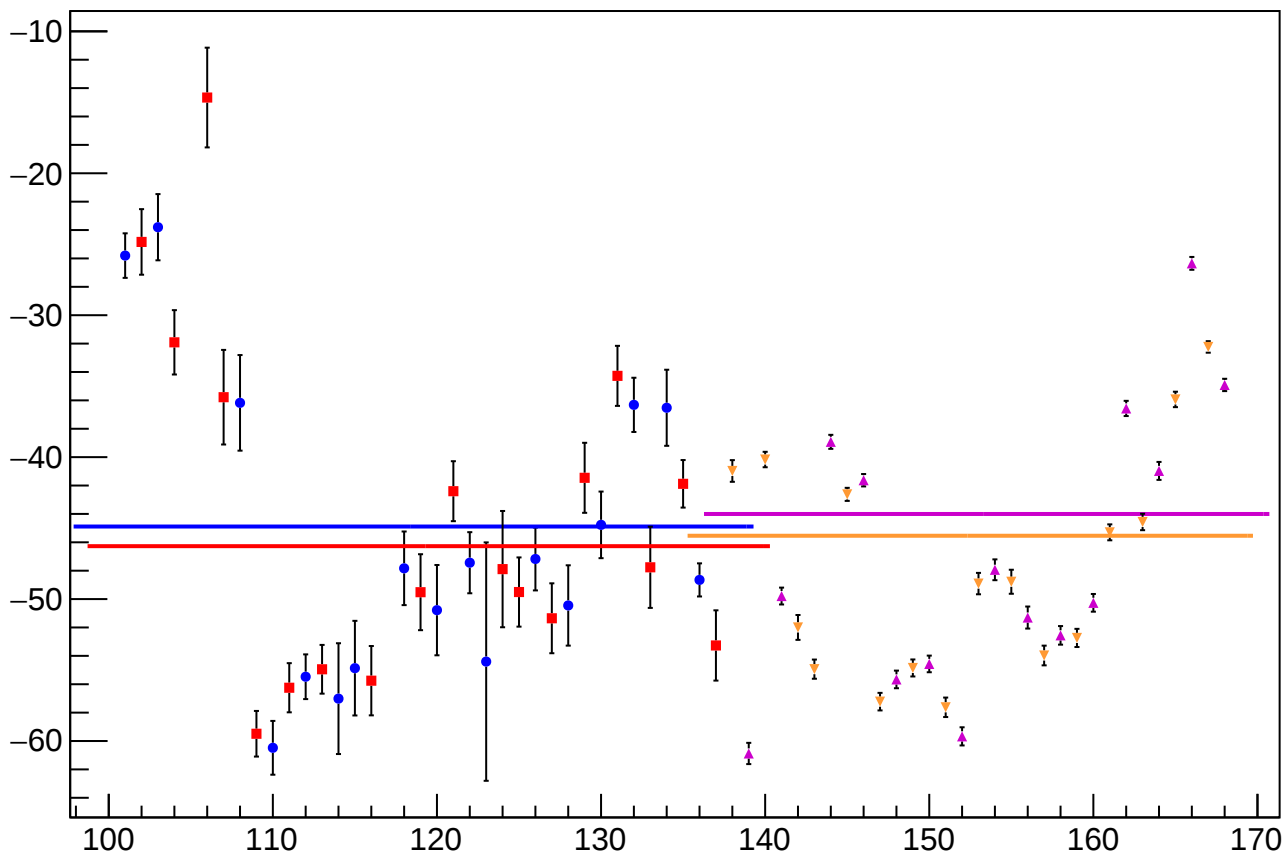
Right: -1.720 $\pm$ 0.209 χ^2 /NDF: 568.9/34

In: 0.469 $\pm$ 0.101 χ^2 /NDF:1333.4/31

Out: 0.303 $\pm$ 0.102 χ^2 /NDF:1299.3/33

All: 0.387 $\pm$ 0.072 χ^2 /NDF: 2634.0/65

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -45.538 ± 0.151 χ^2/NDF : 3029.0/15

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -44.004 ± 0.147 χ^2/NDF : 4579.7/14

Left: -44.751 ± 0.105 χ^2/NDF : 7662.0/30

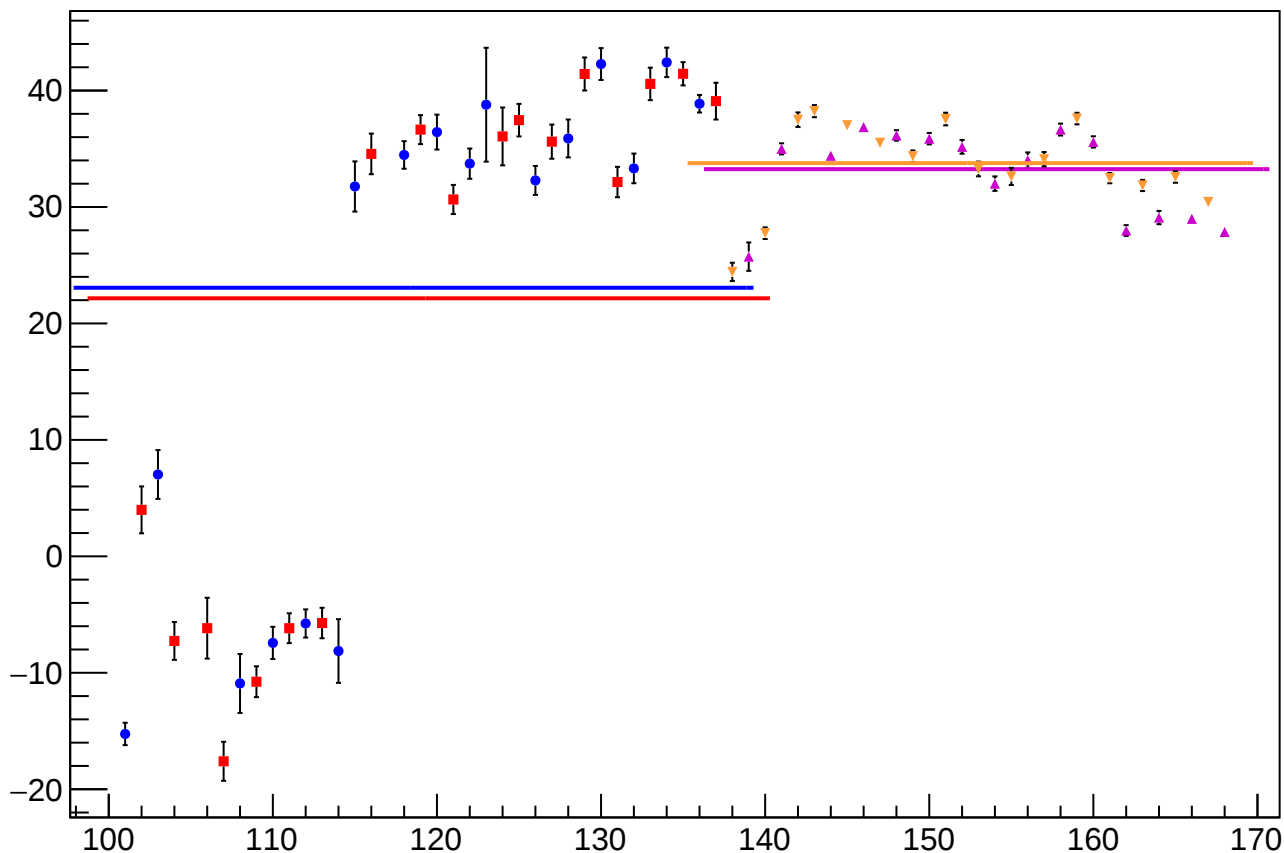
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -44.069 ± 0.141 χ^2/NDF : 5002.8/31

Out: -45.593 ± 0.145 χ^2/NDF : 3451.4/33

All: -44.812 ± 0.101 χ^2/NDF : 8511.0/65

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: 33.767 $\pm$ 0.126 χ^2 /NDF:697.4/15

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 33.250 $\pm$ 0.126 χ^2 /NDF:761.7/14

Left: 33.507 $\pm$ 0.089 χ^2 /NDF: 1467.6/30

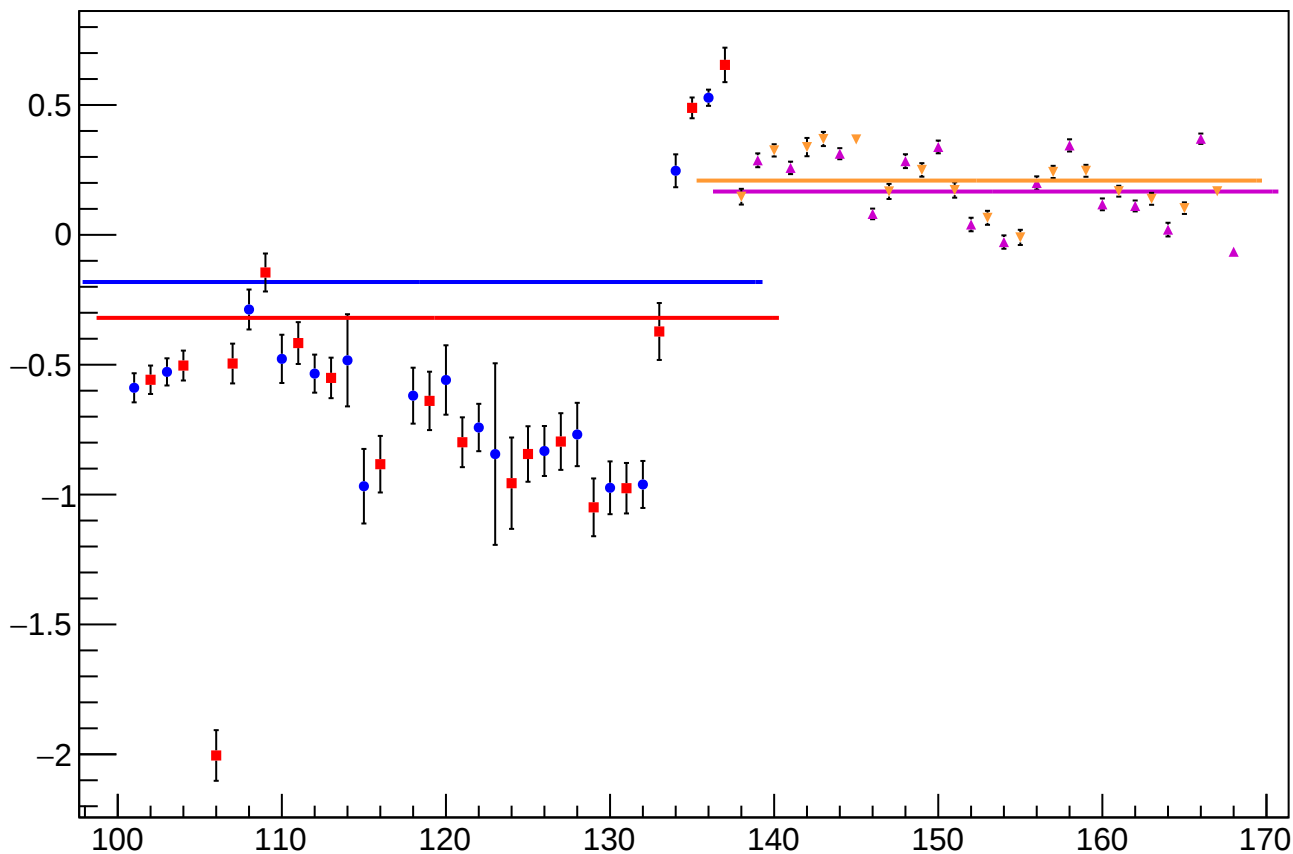
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 31.935 $\pm$ 0.117 χ^2 /NDF:5942.3/31

Out: 32.356 $\pm$ 0.119 χ^2 /NDF:5746.8/33

All: 32.144 $\pm$ 0.083 χ^2 /NDF: 11695.5/65

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: 0.209 ± 0.006 χ^2/NDF : 290.3/15

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.167 ± 0.006 χ^2/NDF : 653.3/14

Left: 0.188 ± 0.004 χ^2/NDF : 969.0/30

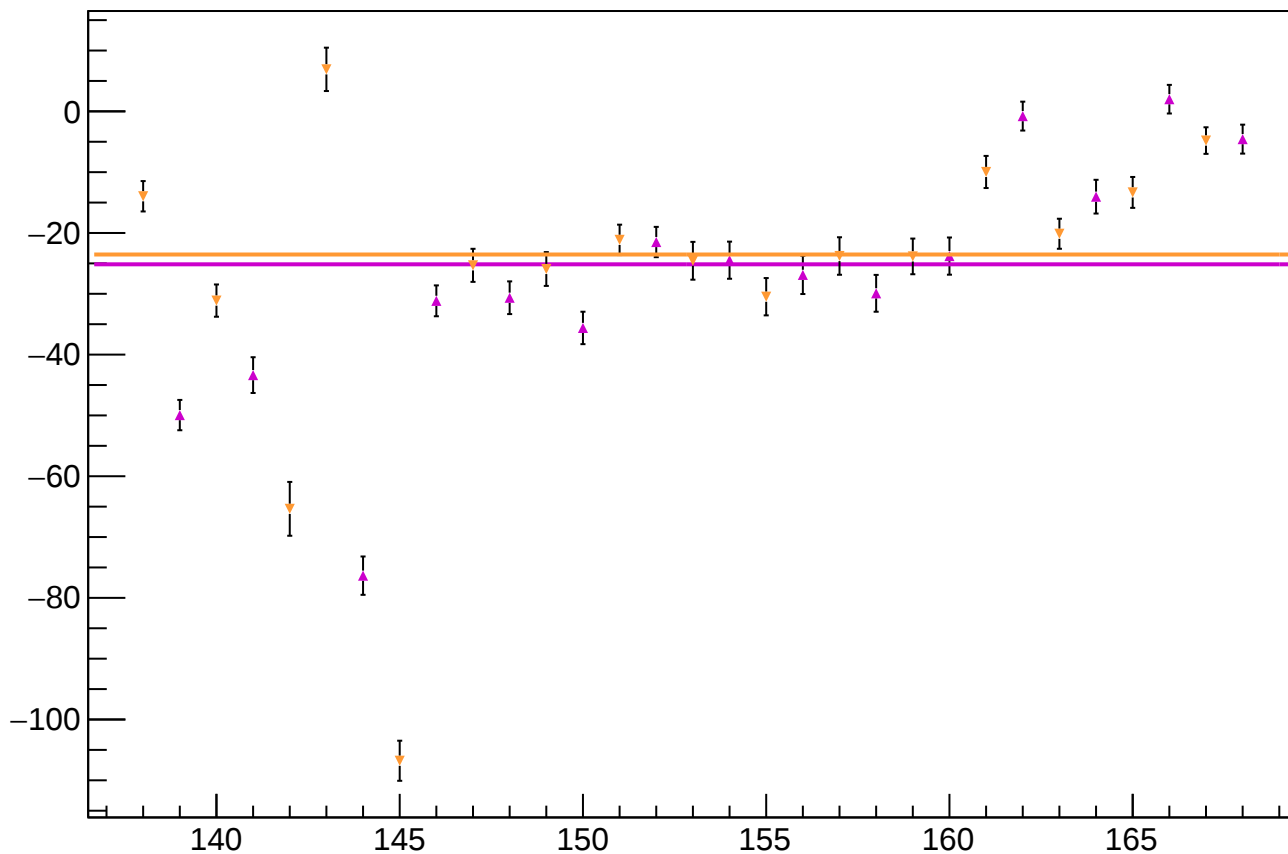
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.132 ± 0.006 χ^2/NDF : 1997.6/31

Out: 0.158 ± 0.006 χ^2/NDF : 2228.4/33

All: 0.145 ± 0.004 χ^2/NDF : 4236.2/65

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



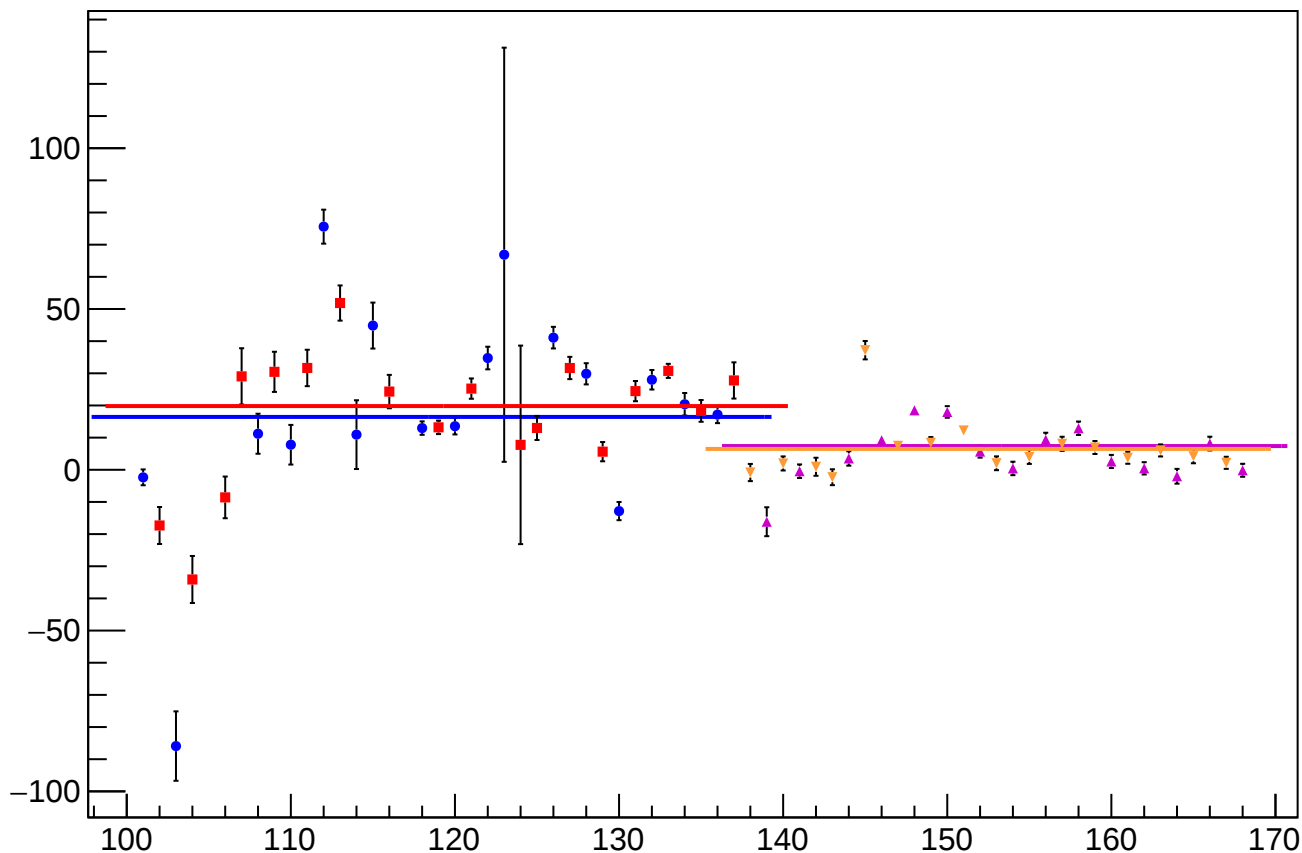
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -23.540 ± 0.698 $\chi^2/\text{NDF}: 948.1/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -25.152 ± 0.697 $\chi^2/\text{NDF}: 760.5/14$

Left: -24.348 ± 0.493 $\chi^2/\text{NDF}: 1711.3/30$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -25.152 ± 0.697 $\chi^2/\text{NDF}: 760.5/14$
 Out: -23.540 ± 0.698 $\chi^2/\text{NDF}: 948.1/15$

All: -24.348 ± 0.493 $\chi^2/\text{NDF}: 1711.3/30$

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: 6.493 $\pm$ 0.493 χ^2 /NDF: 176.8/15

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 7.378 $\pm$ 0.504 χ^2 /NDF: 221.4/14

Left: 6.926 $\pm$ 0.352 χ^2 /NDF: 399.8/30

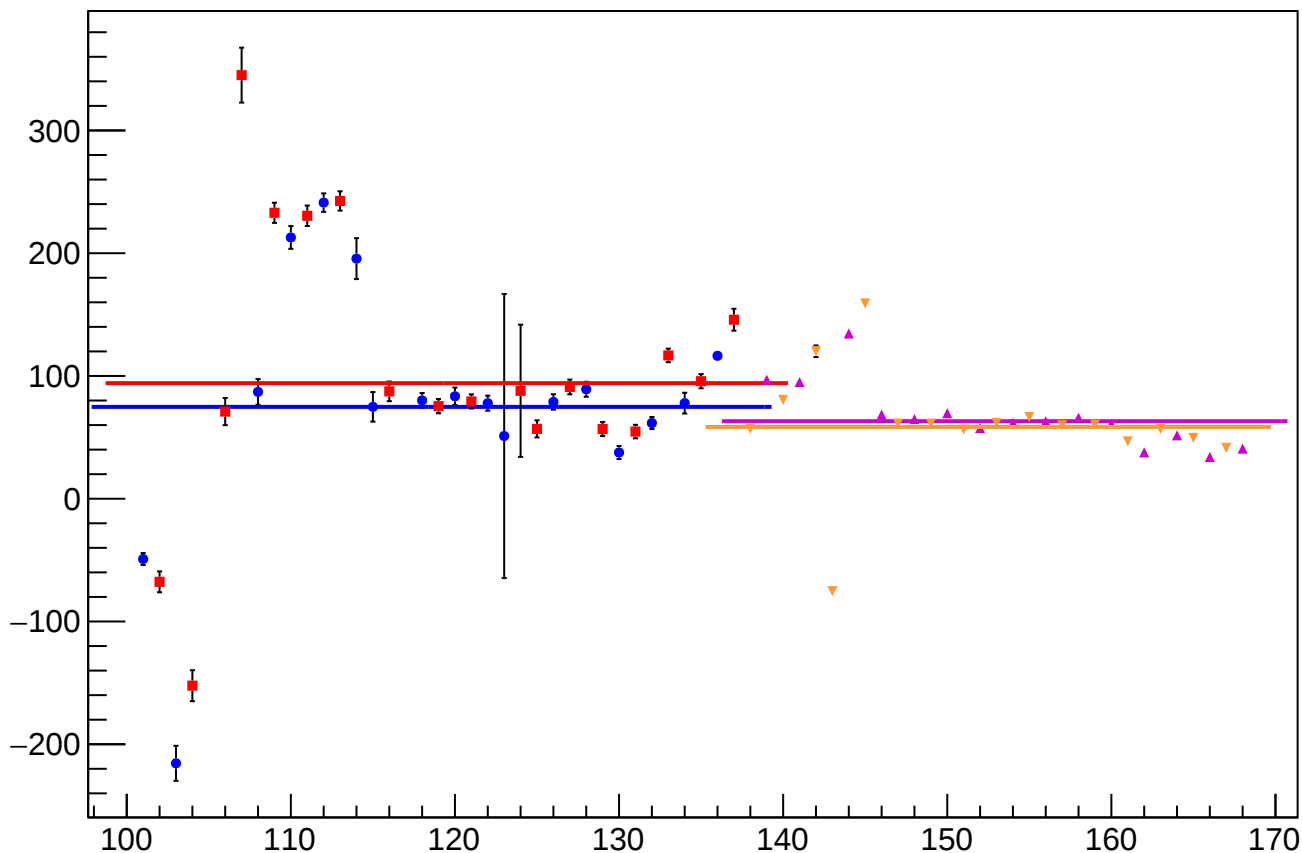
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 9.741 $\pm$ 0.433 χ^2 /NDF: 822.7/31

Out: 9.571 $\pm$ 0.432 χ^2 /NDF: 584.0/33

All: 9.656 $\pm$ 0.306 χ^2 /NDF: 1406.7/65

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 58.454+/-0.685 χ^2/NDF : 2437.1/15

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 63.167+/-0.681 χ^2/NDF : 1105.0/14

Left: 60.826+/-0.483 χ^2/NDF : 3565.8/30

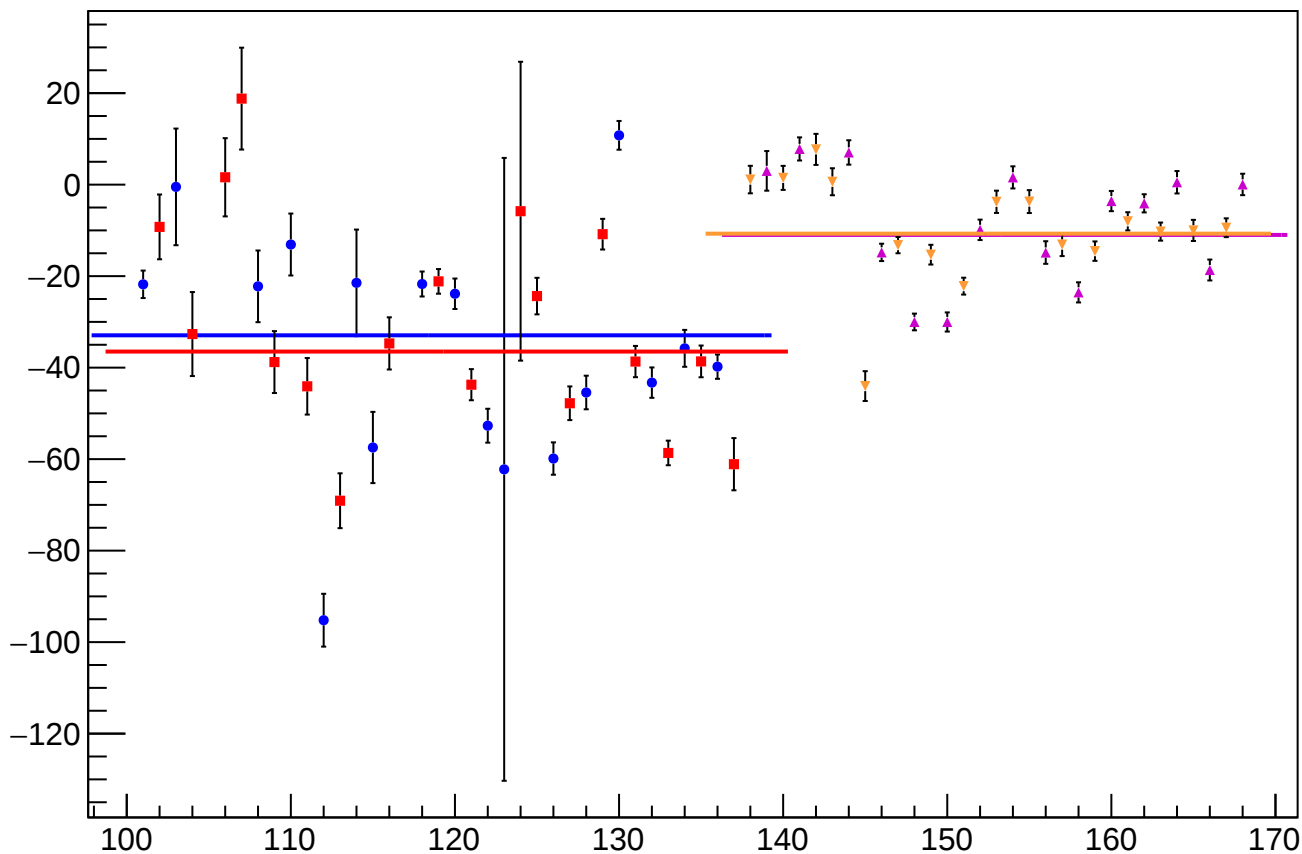
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 64.882+/-0.629 χ^2/NDF : 3144.9/31

Out: 63.344+/-0.637 χ^2/NDF : 4778.0/33

All: 64.123+/-0.447 χ^2/NDF : 7925.9/65

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.718 ± 0.576 χ^2/NDF : 253.4/15

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -10.992 ± 0.588 χ^2/NDF : 447.8/14

Left: -10.852 ± 0.411 χ^2/NDF : 701.3/30

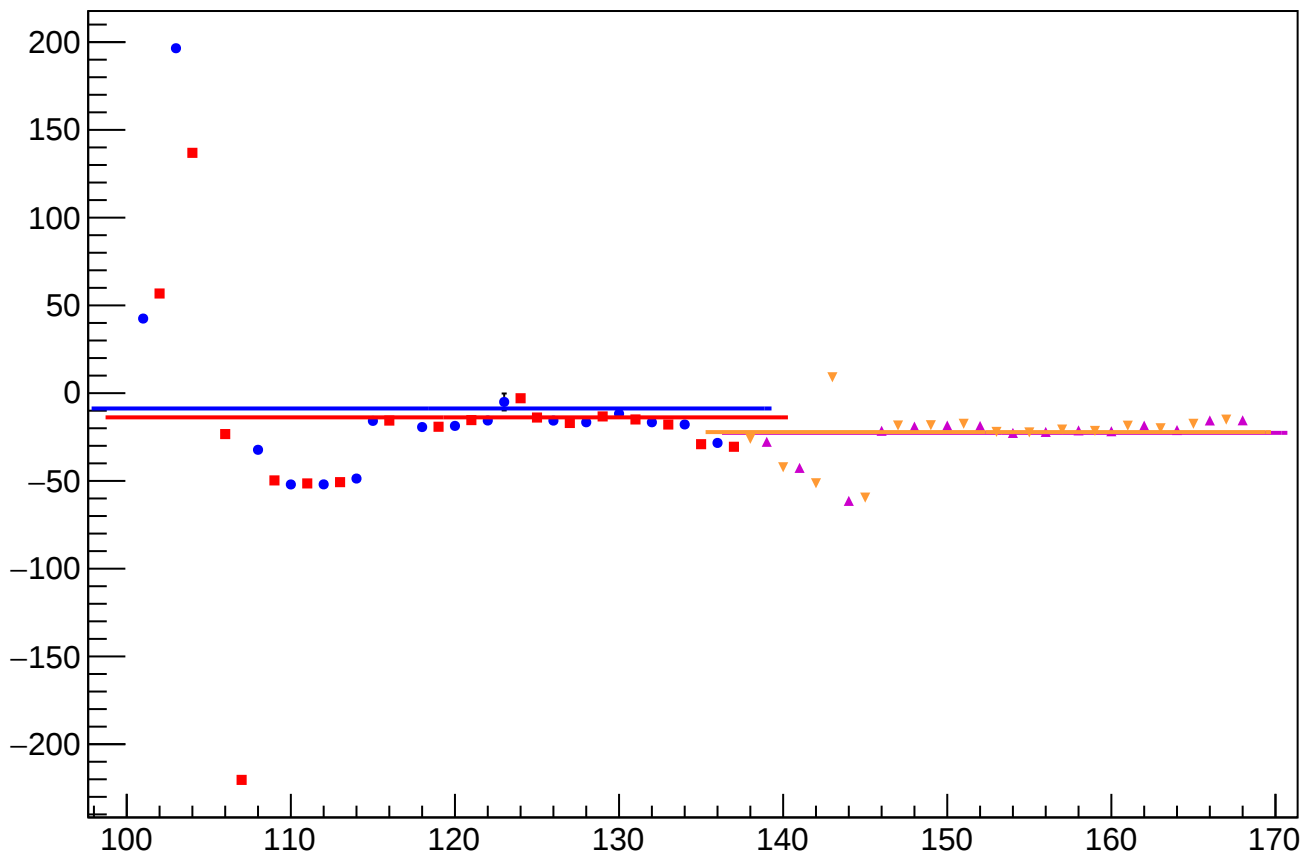
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -16.852 ± 0.503 χ^2/NDF : 1311.1/31

Out: -16.881 ± 0.502 χ^2/NDF : 1026.0/33

All: -16.867 ± 0.355 χ^2/NDF : 2337.1/65

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: -22.180 ± 0.027 $\chi^2/\text{NDF}: 184311.3/15$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -22.612 ± 0.027 $\chi^2/\text{NDF}: 114435.7/14$

Left: -22.398 ± 0.019 $\chi^2/\text{NDF}: 298876.2/30$

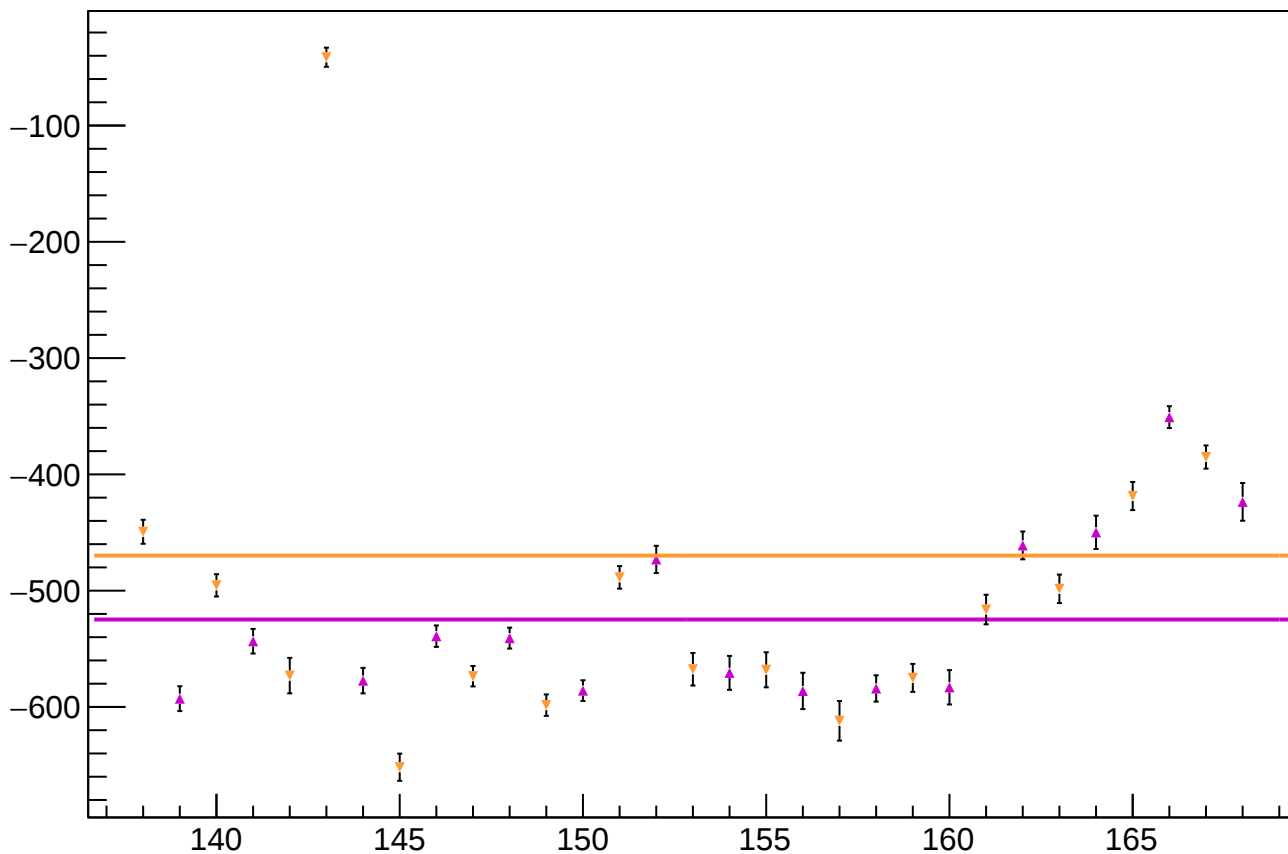
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -20.230 ± 0.024 $\chi^2/\text{NDF}: 736394.4/31$

Out: -20.848 ± 0.025 $\chi^2/\text{NDF}: 749036.0/33$

All: -20.534 ± 0.017 $\chi^2/\text{NDF}: 1485746.7/65$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -469.828+/-2.756 χ^2/NDF :3697.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -524.810+/-2.908 χ^2/NDF :644.5/14

Left: -495.851+/-2.000 χ^2/NDF : 4530.0/30

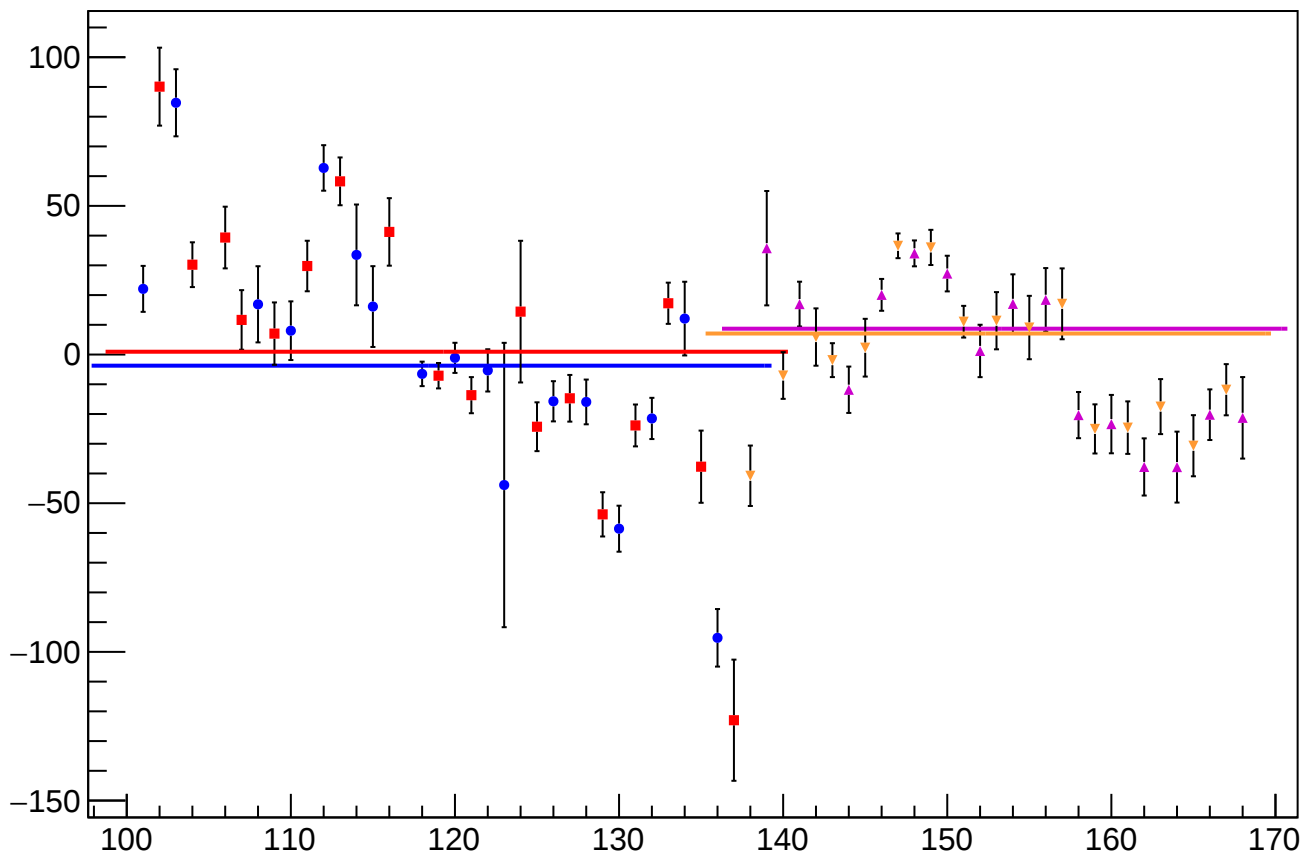
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -524.810+/-2.908 χ^2/NDF :644.5/14

Out: -469.828+/-2.756 χ^2/NDF :3697.2/15

All: -495.851+/-2.000 χ^2/NDF : 4530.0/30

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 7.069 ± 1.863 χ^2/NDF : 157.1/15

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 8.692 ± 2.009 χ^2/NDF : 139.9/14

Left: 7.819 ± 1.366 χ^2/NDF : 297.4/30

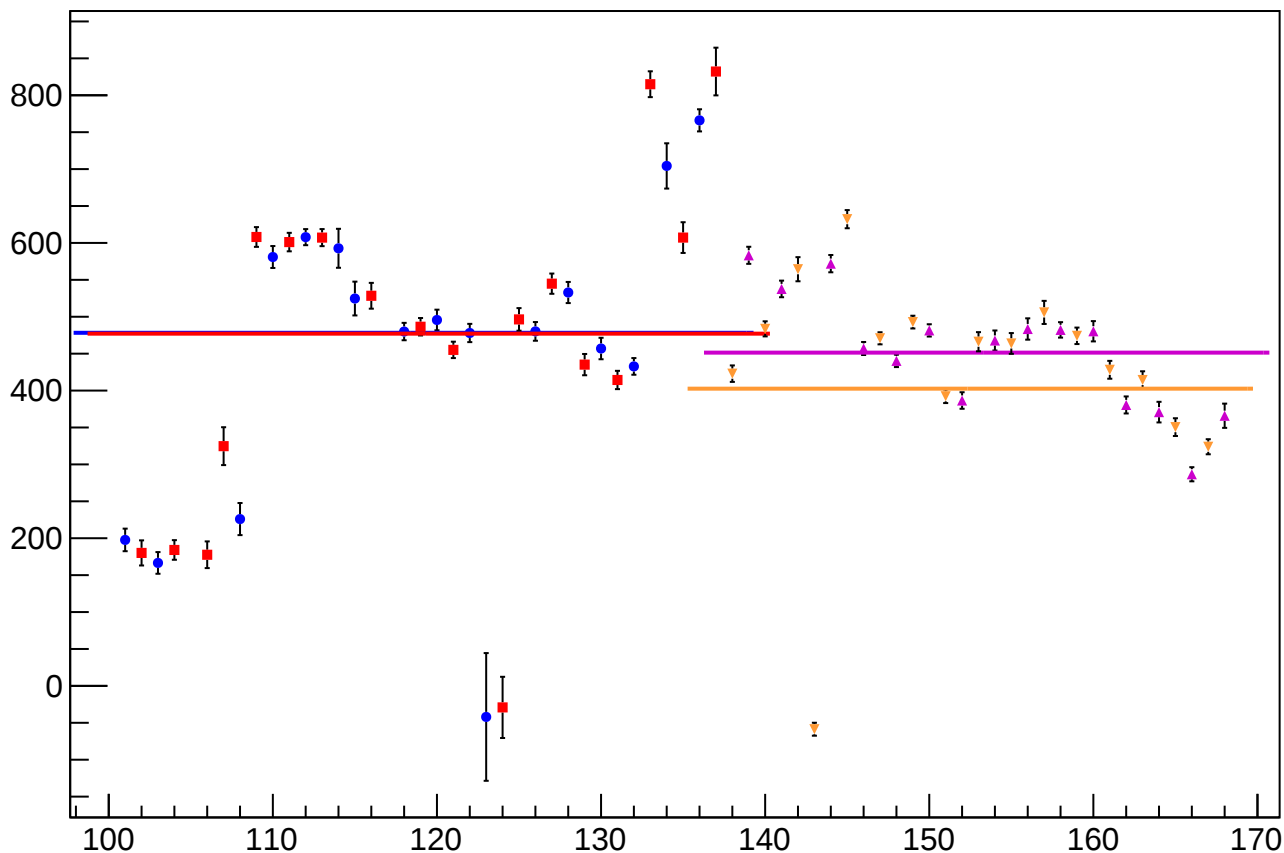
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.103 ± 1.377 χ^2/NDF : 474.3/31

Out: 4.098 ± 1.336 χ^2/NDF : 456.0/33

All: 3.131 ± 0.959 χ^2/NDF : 931.4/65

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 402.588+/-2.726 χ^2/NDF : 3667.5/15

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 451.399+/-2.840 χ^2/NDF : 756.7/14

Left: 425.998+/-1.967 χ^2/NDF : 4578.0/30

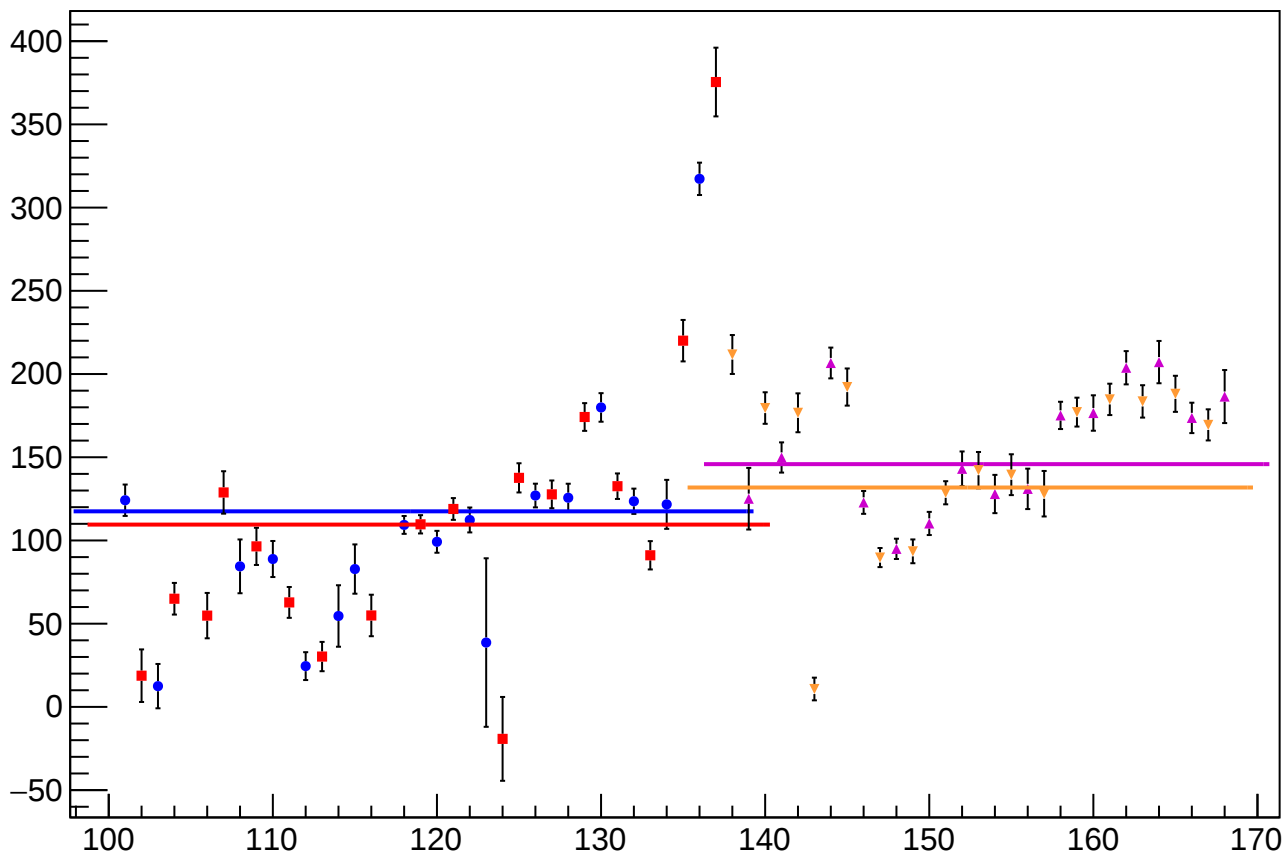
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 461.570+/-2.238 χ^2/NDF : 2418.6/31

Out: 430.313+/-2.160 χ^2/NDF : 6121.3/33

All: 445.385+/-1.554 χ^2/NDF : 8640.8/65

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2/NDF : 705.9/16

Left Out: 131.821 $\pm$ 2.228 χ^2/NDF : 645.9/15

Right Out: 109.536 $\pm$ 2.208 χ^2/NDF : 562.2/17

Left In: 145.858 $\pm$ 2.390 χ^2/NDF : 249.6/14

Left: 138.348 $\pm$ 1.630 χ^2/NDF : 914.0/30

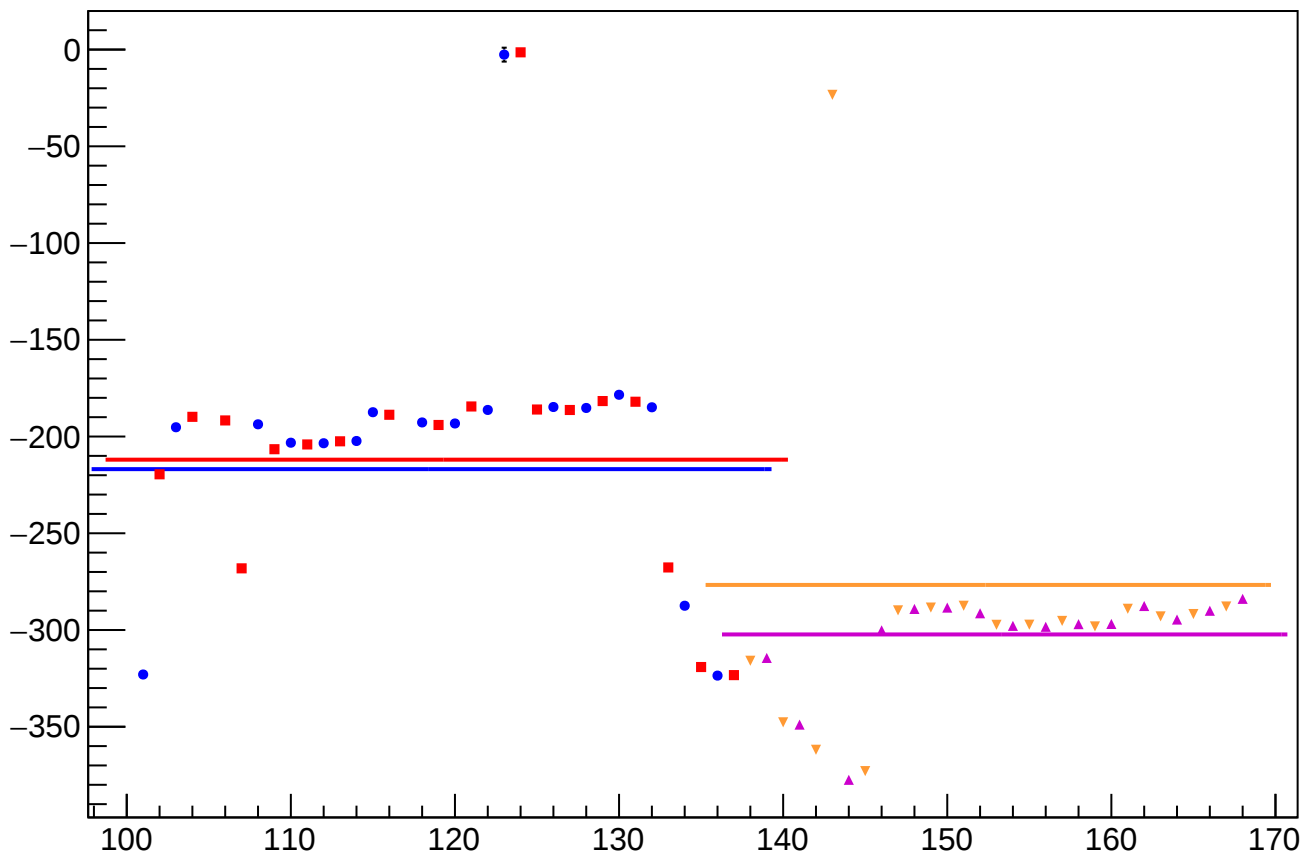
Right: 113.538 $\pm$ 1.558 χ^2/NDF : 1274.7/34

In: 130.491 $\pm$ 1.618 χ^2/NDF : 1031.8/31

Out: 120.578 $\pm$ 1.569 χ^2/NDF : 1258.5/33

All: 125.382 $\pm$ 1.126 χ^2/NDF : 2309.7/65

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: -276.699 ± 0.110 $\chi^2/\text{NDF}: 620602.7/15$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -302.289 ± 0.114 $\chi^2/\text{NDF}: 39734.8/14$

Left: -289.027 ± 0.079 $\chi^2/\text{NDF}: 686446.2/30$

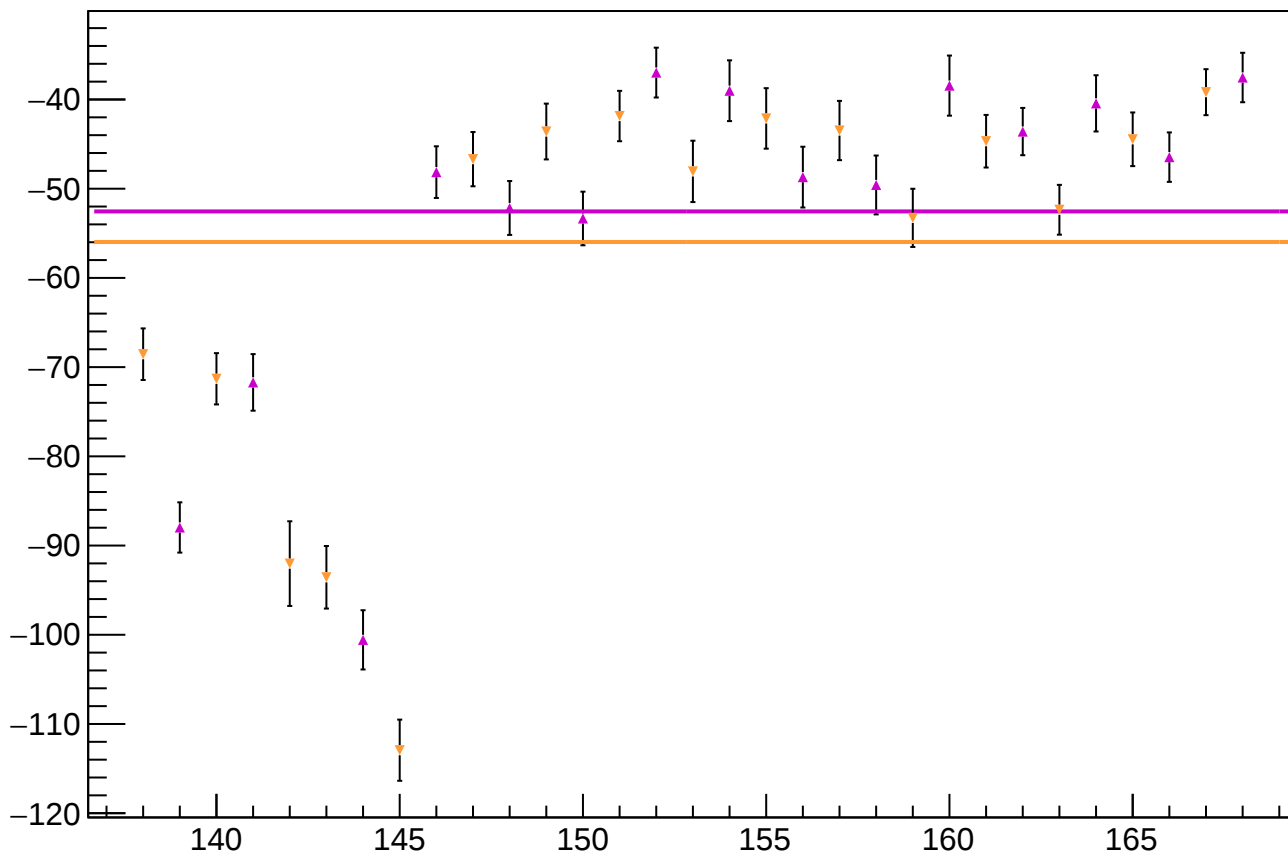
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -266.985 ± 0.087 $\chi^2/\text{NDF}: 418701.1/31$

Out: -249.868 ± 0.084 $\chi^2/\text{NDF}: 876449.1/33$

All: -258.106 ± 0.061 $\chi^2/\text{NDF}: 1315078.3/65$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



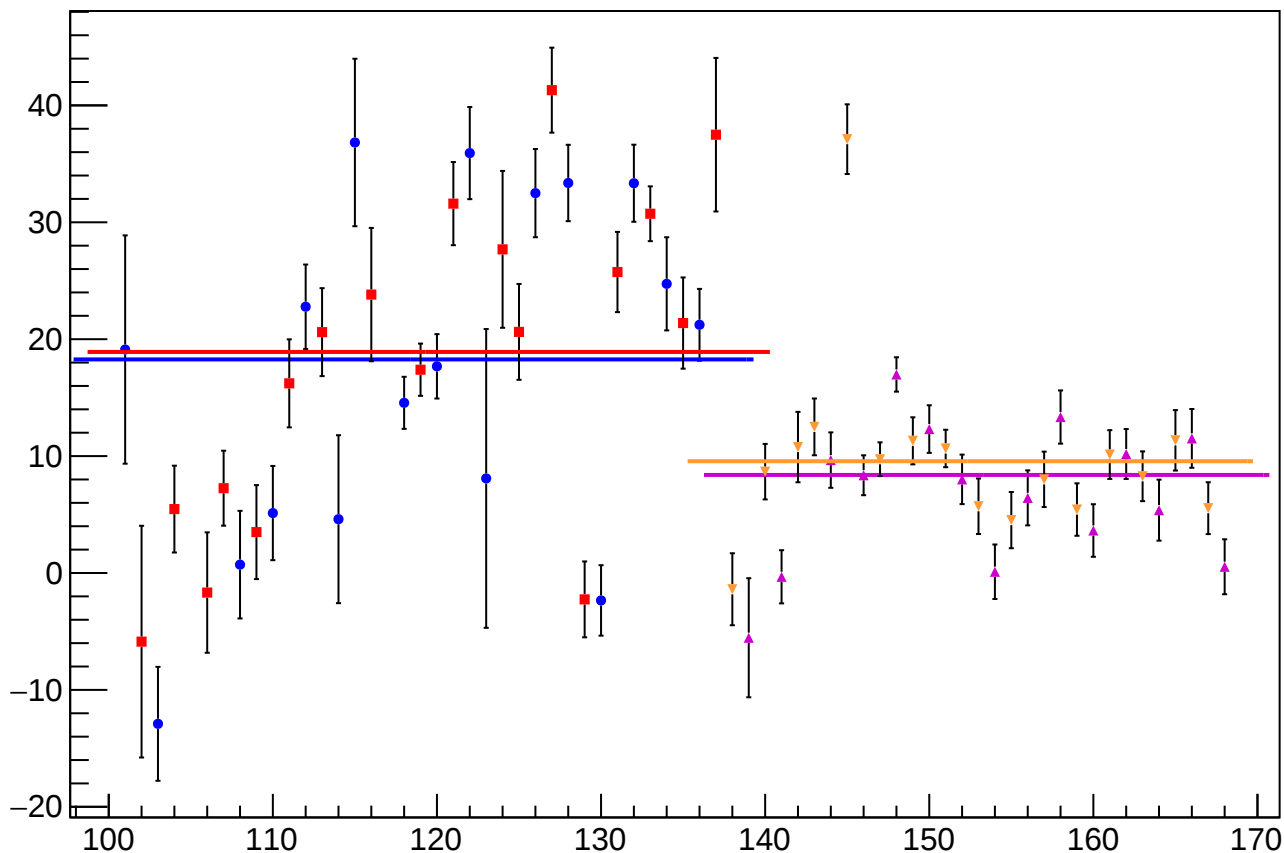
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.972+/-0.779 χ^2/NDF : 656.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.546+/-0.781 χ^2/NDF : 532.9/14

Left: -54.264+/-0.552 χ^2/NDF : 1199.0/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.546+/-0.781 χ^2/NDF : 532.9/14
 Out: -55.972+/-0.779 χ^2/NDF : 656.4/15

All: -54.264+/-0.552 χ^2/NDF : 1199.0/30

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.562 ± 0.549 χ^2/NDF : 116.0/15

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 8.388 ± 0.564 χ^2/NDF : 97.7/14

Left: 8.992 ± 0.393 χ^2/NDF : 215.9/30

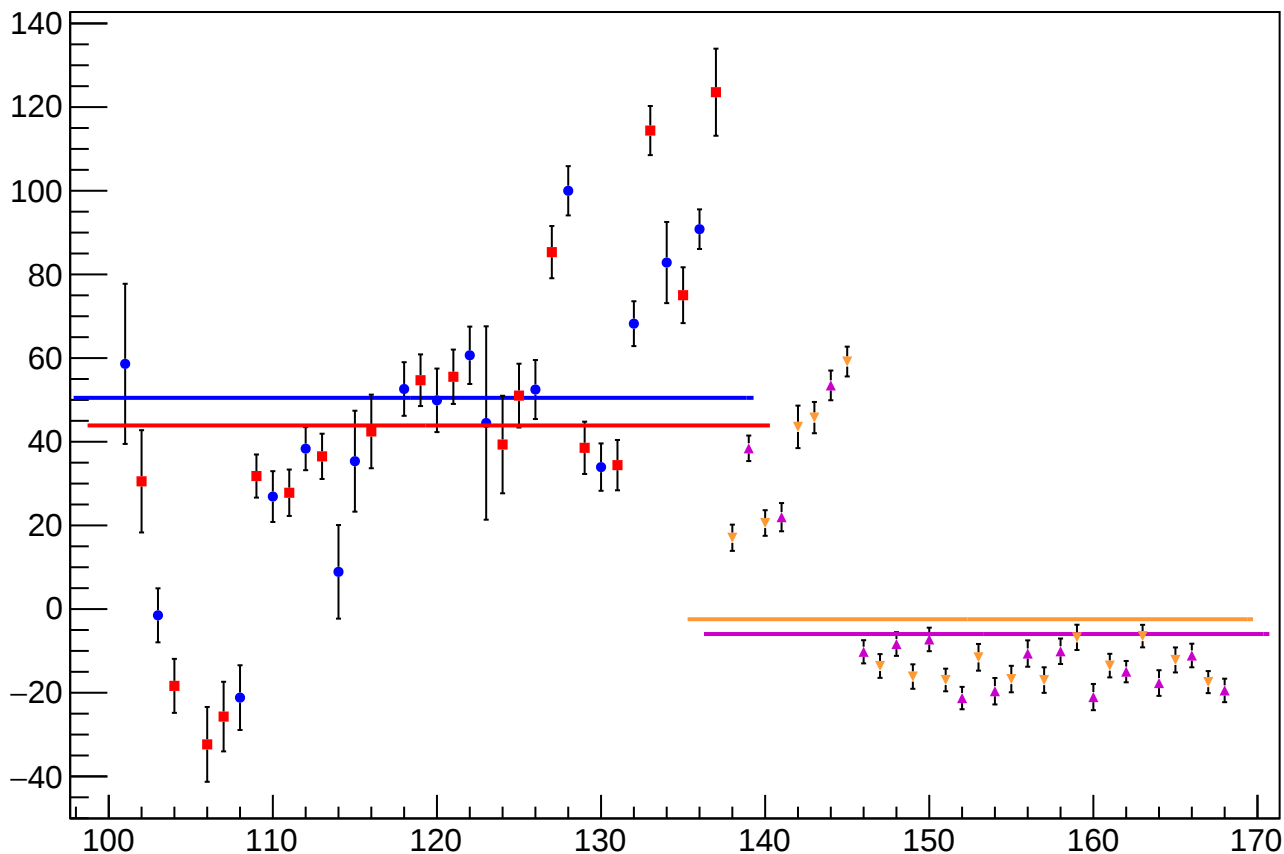
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.145 ± 0.479 χ^2/NDF : 391.6/31

Out: 12.248 ± 0.463 χ^2/NDF : 397.5/33

All: 11.715 ± 0.333 χ^2/NDF : 791.8/65

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: -2.430 ± 0.765 $\chi^2/\text{NDF}: 822.7/15$

Right Out: 43.895 ± 1.604 $\chi^2/\text{NDF}: 531.7/17$

Left In: -5.963 ± 0.763 $\chi^2/\text{NDF}: 695.9/14$

Left: -4.201 ± 0.540 $\chi^2/\text{NDF}: 1529.3/30$

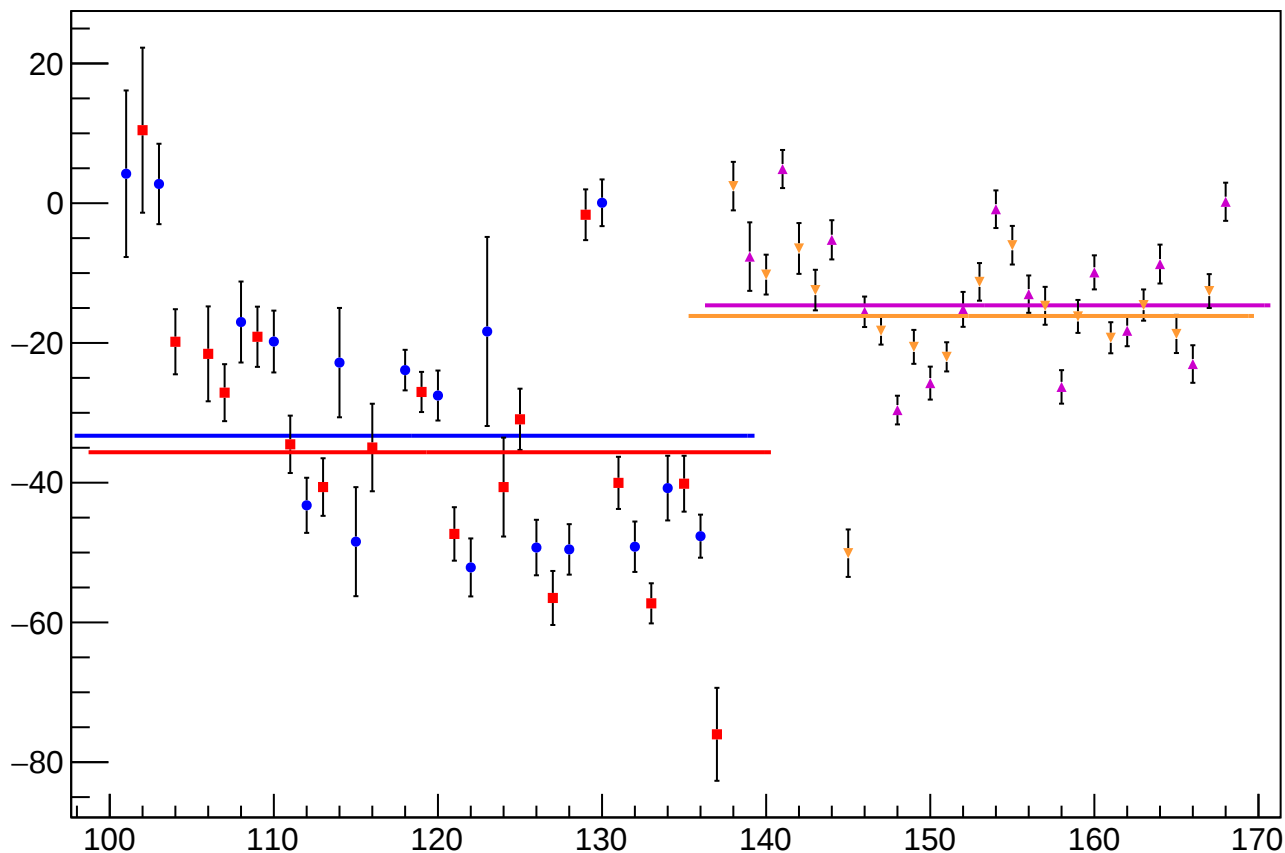
Right: 47.060 ± 1.157 $\chi^2/\text{NDF}: 903.0/34$

In: 3.780 ± 0.694 $\chi^2/\text{NDF}: 2003.8/31$

Out: 6.158 ± 0.690 $\chi^2/\text{NDF}: 2034.2/33$

All: 4.975 ± 0.489 $\chi^2/\text{NDF}: 4044.0/65$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.139 ± 0.641 χ^2/NDF : 176.4/15

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -14.617 ± 0.657 χ^2/NDF : 240.4/14

Left: -15.397 ± 0.459 χ^2/NDF : 419.5/30

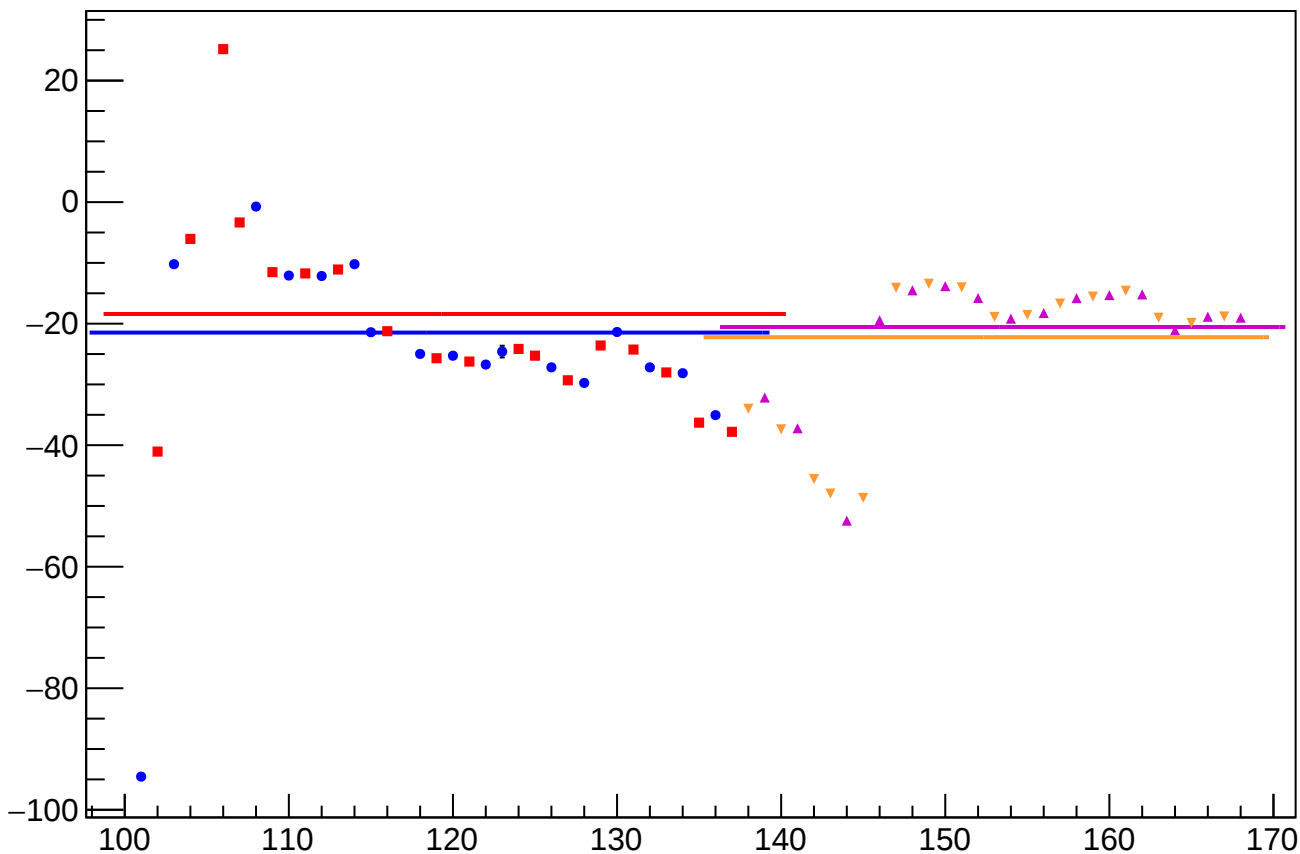
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -19.982 ± 0.555 χ^2/NDF : 765.1/31

Out: -21.884 ± 0.539 χ^2/NDF : 733.3/33

All: -20.961 ± 0.386 χ^2/NDF : 1504.4/65

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -22.228 ± 0.030 χ^2/NDF : 129812.4/15

Right Out: -18.411 ± 0.057 χ^2/NDF : 77587.3/17

Left In: -20.550 ± 0.030 χ^2/NDF : 84411.3/14

Left: -21.386 ± 0.021 χ^2/NDF : 215785.4/30

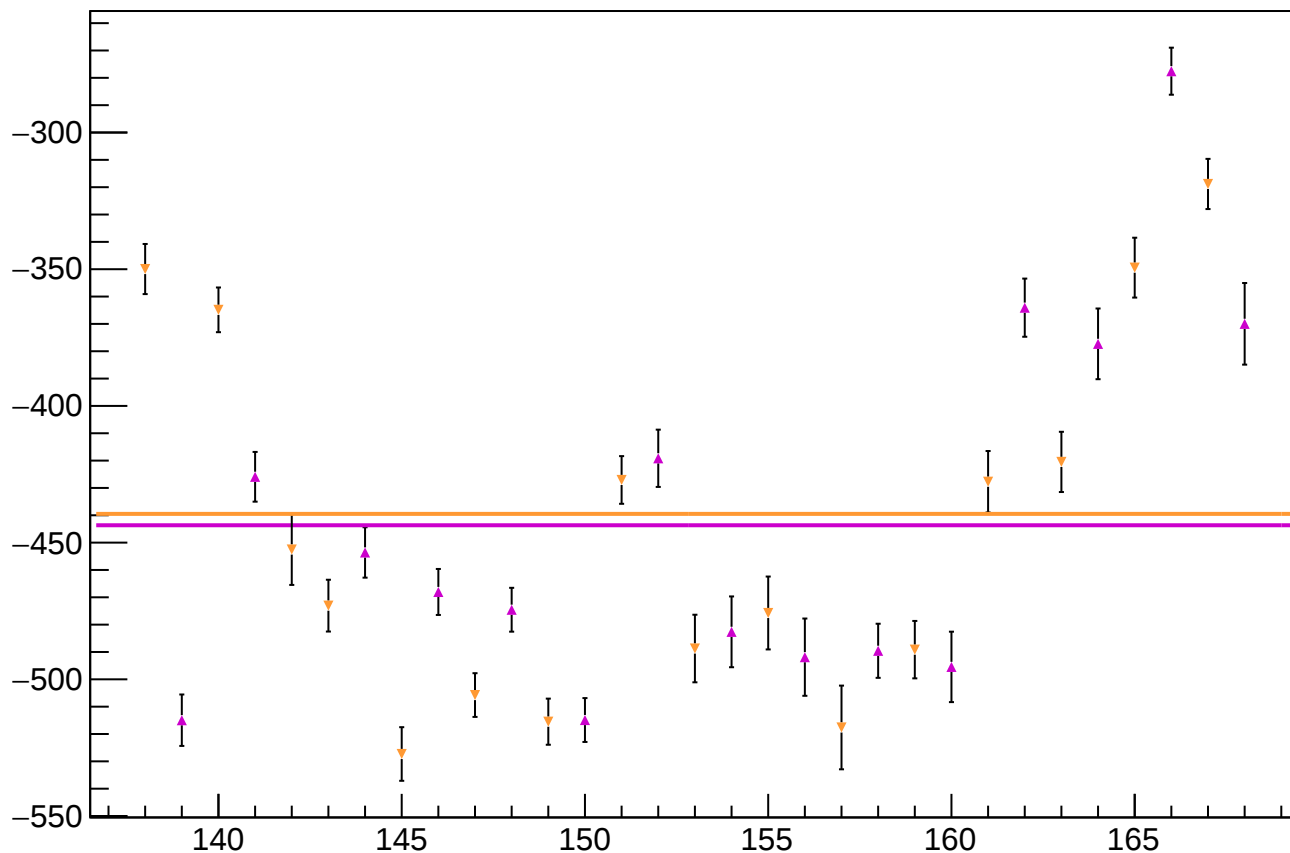
Right: -19.904 ± 0.041 χ^2/NDF : 127953.4/34

In: -20.739 ± 0.027 χ^2/NDF : 133585.2/31

Out: -21.405 ± 0.027 χ^2/NDF : 210869.9/33

All: -21.073 ± 0.019 χ^2/NDF : 344766.3/65

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -439.490+/-2.507 χ^2/NDF :740.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -443.650+/-2.586 χ^2/NDF :707.5/14

Left: -441.506+/-1.800 χ^2/NDF : 1449.7/30

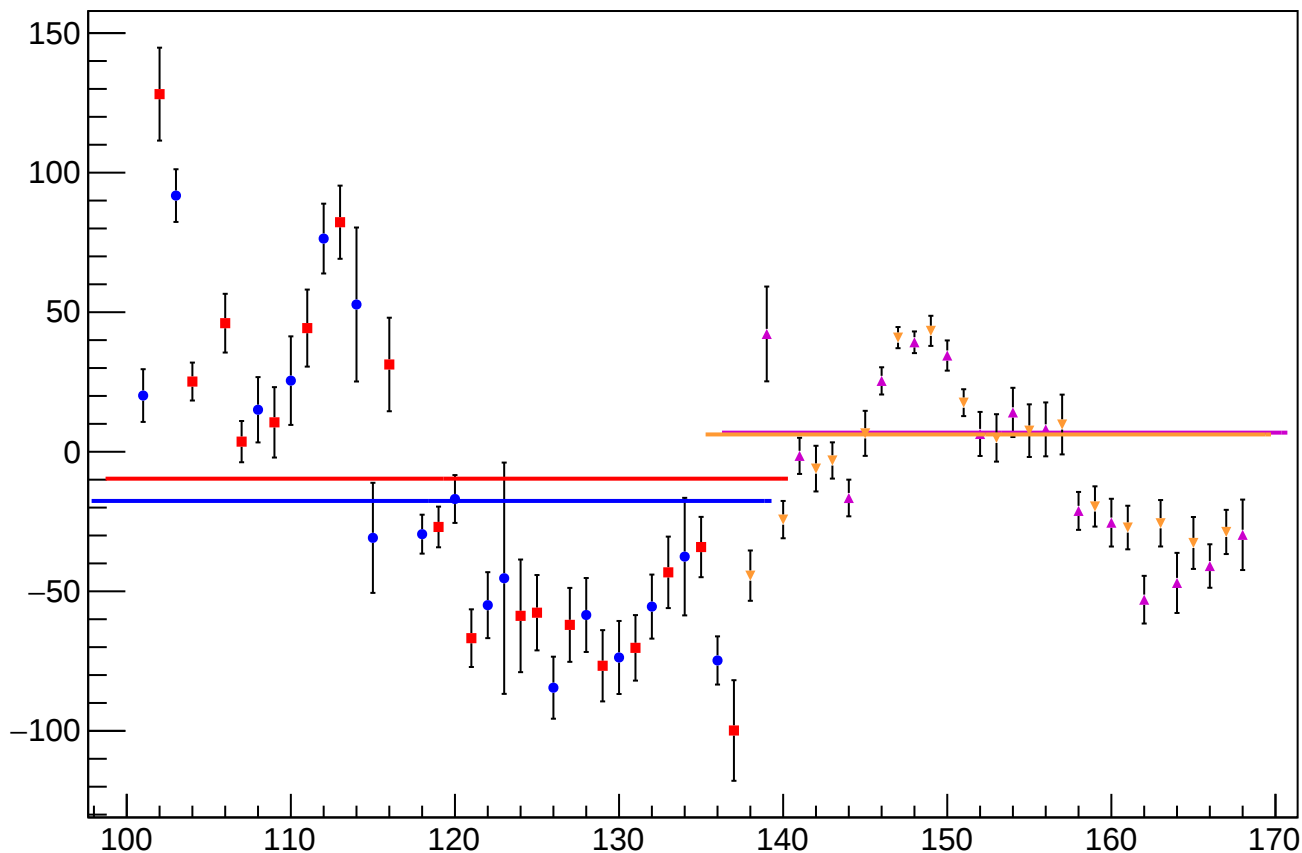
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -443.650+/-2.586 χ^2/NDF :707.5/14

Out: -439.490+/-2.507 χ^2/NDF :740.8/15

All: -441.506+/-1.800 χ^2/NDF : 1449.7/30

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 6.206 ± 1.697 $\chi^2/\text{NDF}: 276.2/15$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 6.853 ± 1.787 $\chi^2/\text{NDF}: 280.8/14$

Left: 6.513 ± 1.231 $\chi^2/\text{NDF}: 557.0/30$

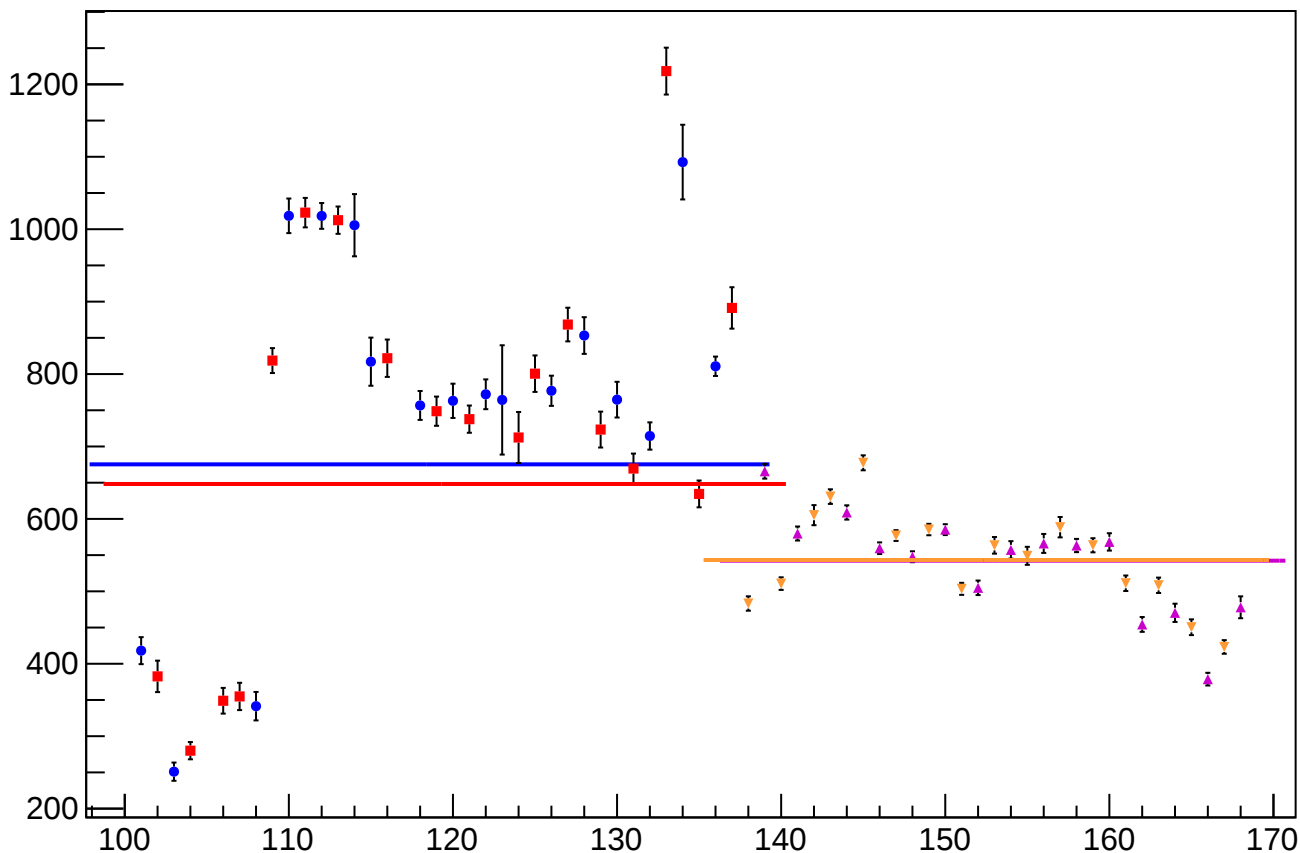
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -0.282 ± 1.504 $\chi^2/\text{NDF}: 697.5/31$

Out: 1.505 ± 1.423 $\chi^2/\text{NDF}: 662.7/33$

All: 0.661 ± 1.034 $\chi^2/\text{NDF}: 1360.9/65$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 543.273+/-2.475 χ^2/NDF : 659.6/15

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 542.317+/-2.528 χ^2/NDF : 747.2/14

Left: 542.805+/-1.769 χ^2/NDF : 1406.8/30

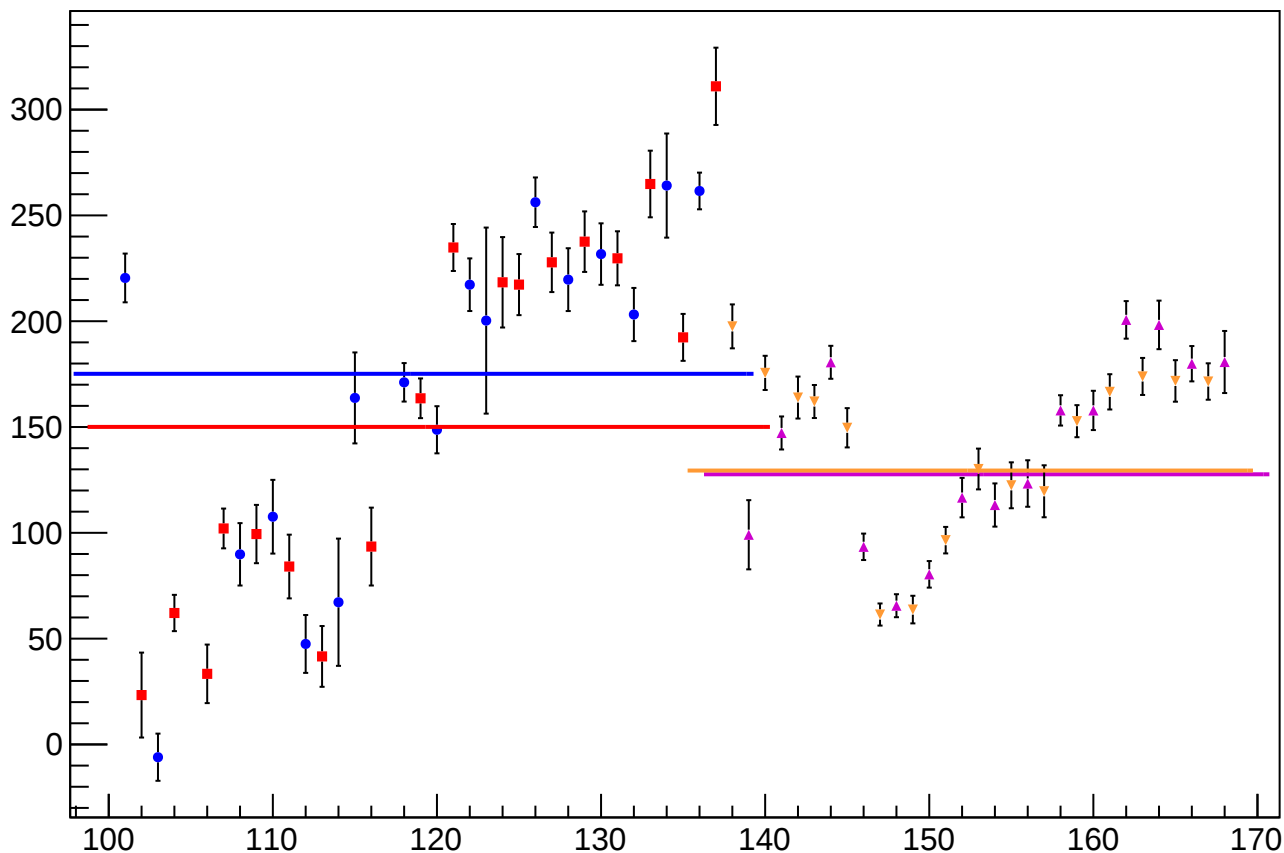
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 569.010+/-2.260 χ^2/NDF : 3885.4/31

Out: 565.505+/-2.198 χ^2/NDF : 4099.4/33

All: 567.208+/-1.576 χ^2/NDF : 7986.0/65

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: 129.431 $\pm$ 2.029 χ^2 /NDF:507.3/15

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 127.658 $\pm$ 2.126 χ^2 /NDF:462.6/14

Left: 128.586 $\pm$ 1.468 χ^2 /NDF: 970.2/30

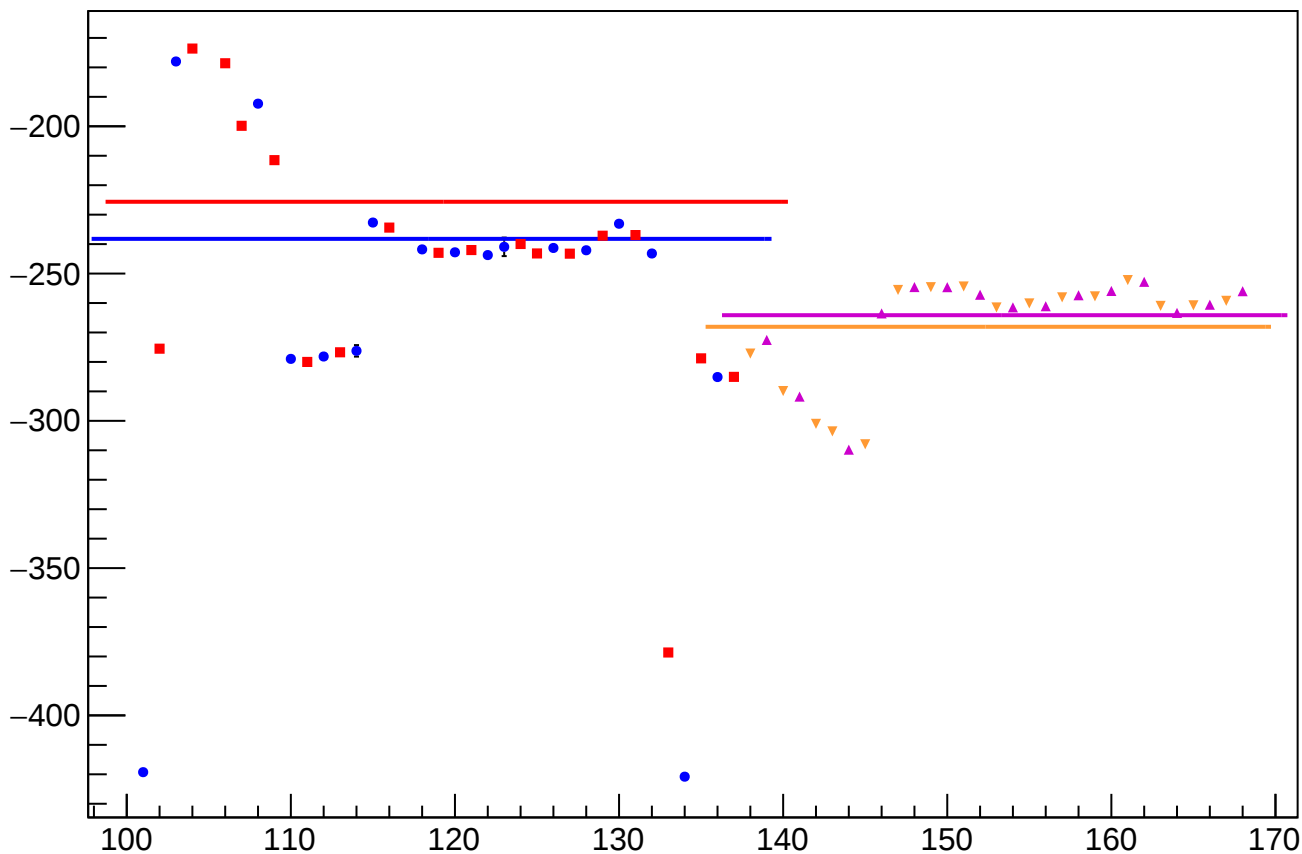
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 142.140 $\pm$ 1.772 χ^2 /NDF:1250.4/31

Out: 135.769 $\pm$ 1.688 χ^2 /NDF:1225.2/33

All: 138.800 $\pm$ 1.222 χ^2 /NDF: 2482.4/65

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 χ^2/NDF : 167098.2/16

Left Out: -268.068 ± 0.100 χ^2/NDF : 33283.8/15

Right Out: -225.623 ± 0.152 χ^2/NDF : 95450.2/17

Left In: -264.134 ± 0.101 χ^2/NDF : 20774.1/14

Left: -266.133 ± 0.071 χ^2/NDF : 54822.8/30

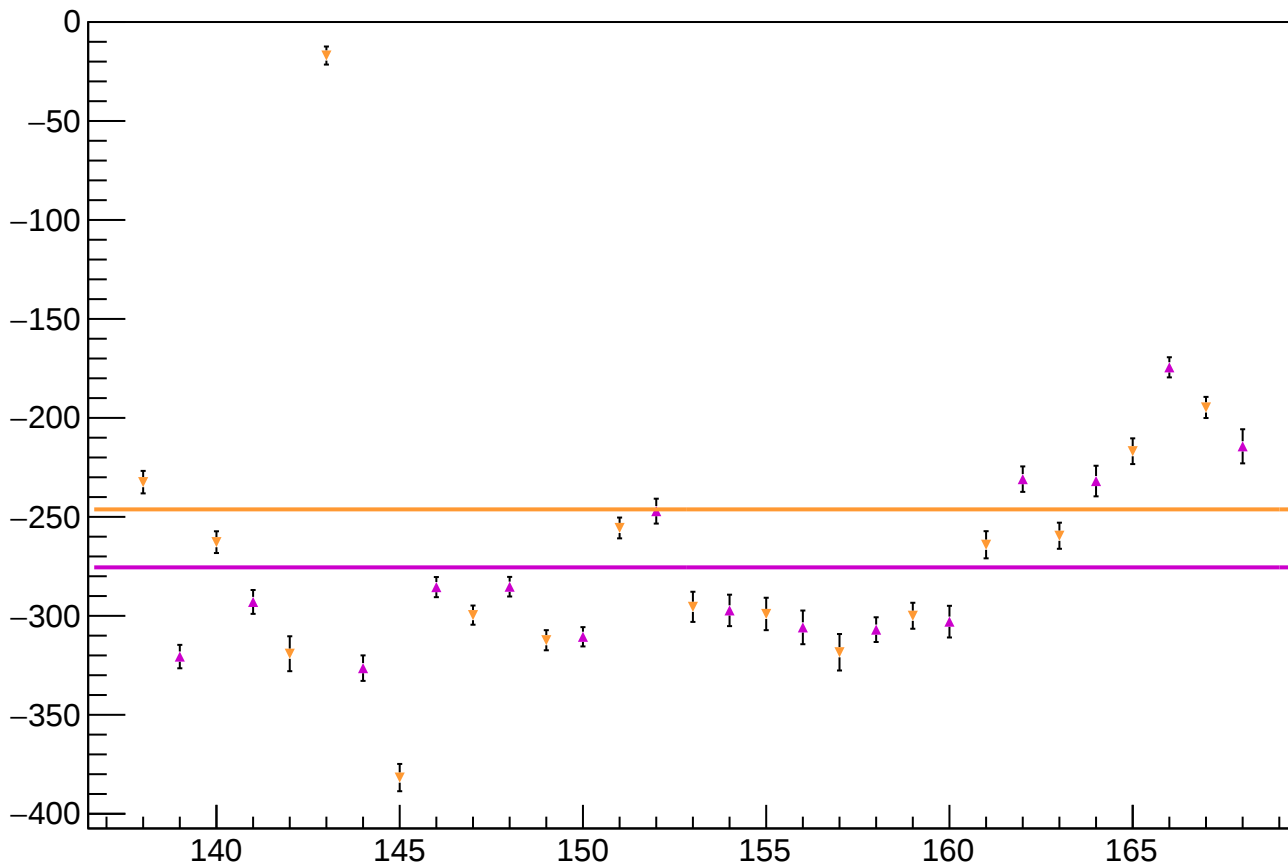
Right: -231.577 ± 0.110 χ^2/NDF : 265811.9/34

In: -256.710 ± 0.086 χ^2/NDF : 206579.9/31

Out: -255.240 ± 0.083 χ^2/NDF : 183451.7/33

All: -255.955 ± 0.060 χ^2/NDF : 390183.0/65

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: -246.215+/-1.518 χ^2/NDF :3625.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -275.511+/-1.599 χ^2/NDF :791.0/14

Left: -260.102+/-1.101 χ^2/NDF : 4592.6/30

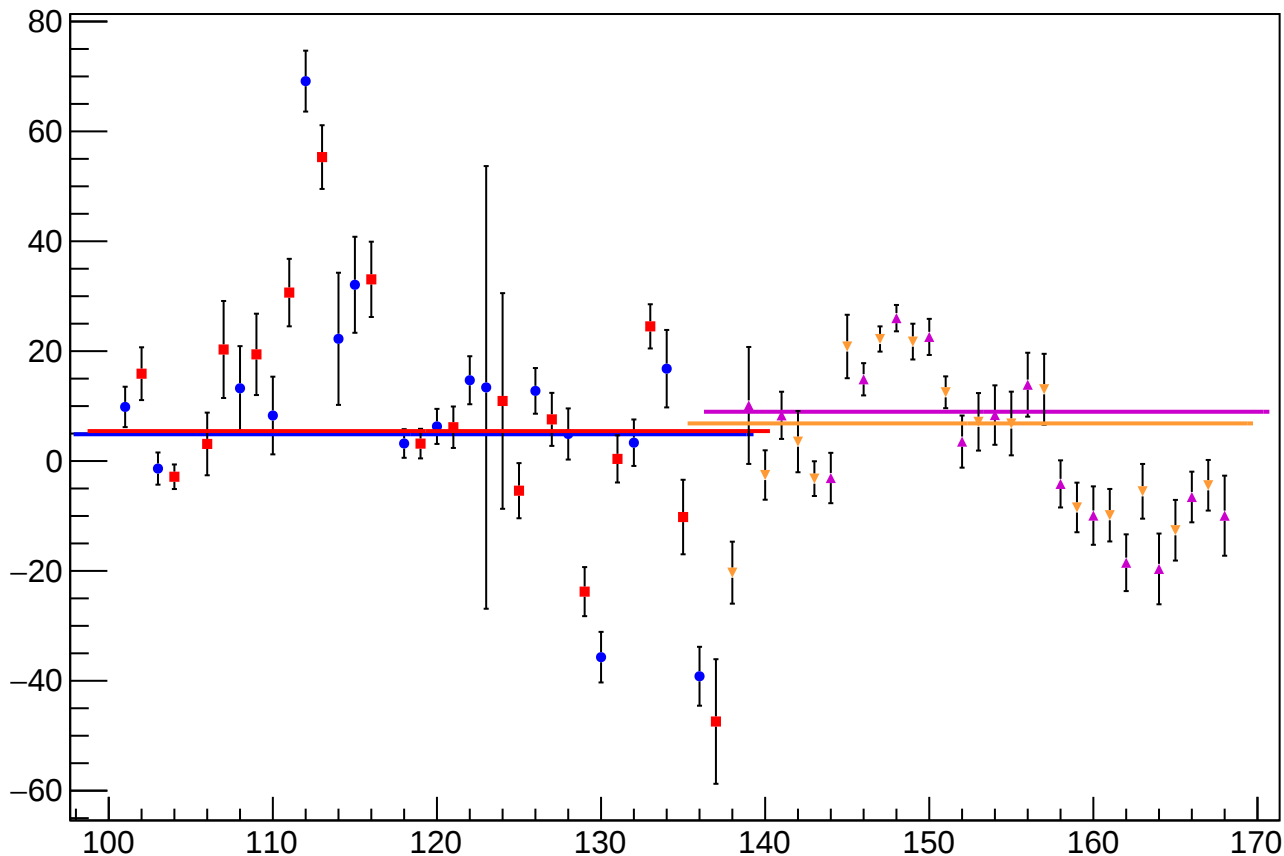
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.511+/-1.599 χ^2/NDF :791.0/14

Out: -246.215+/-1.518 χ^2/NDF :3625.1/15

All: -260.102+/-1.101 χ^2/NDF : 4592.6/30

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: 6.846 ± 1.026 χ^2/NDF : 162.6/15

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 8.968 ± 1.105 χ^2/NDF : 168.8/14

Left: 7.828 ± 0.752 χ^2/NDF : 333.4/30

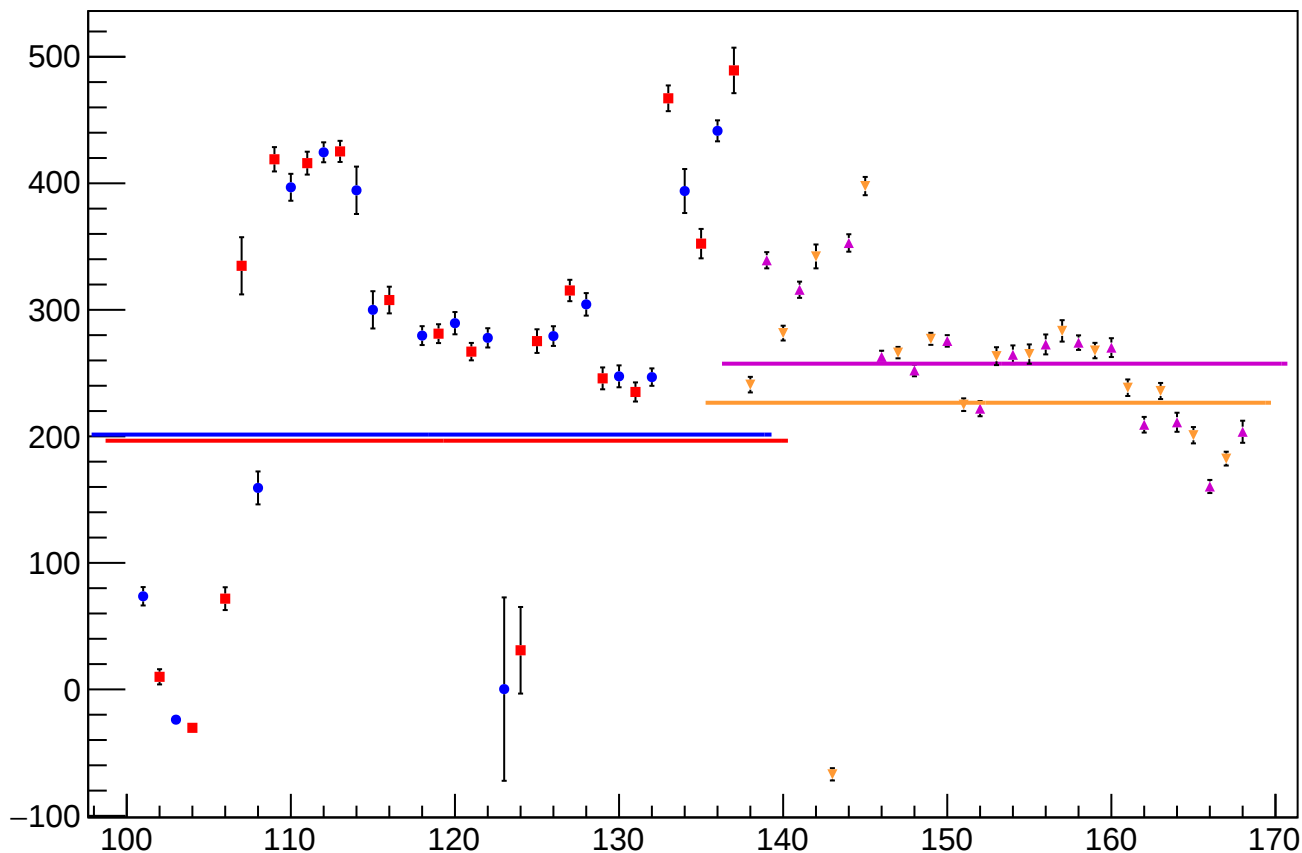
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 6.891 ± 0.776 χ^2/NDF : 487.3/31

Out: 6.178 ± 0.741 χ^2/NDF : 395.1/33

All: 6.518 ± 0.536 χ^2/NDF : 882.8/65

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: 226.575 $\pm$ 1.499 χ^2 /NDF:4866.9/15

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 257.444 $\pm$ 1.560 χ^2 /NDF:993.9/14

Left: 241.397 $\pm$ 1.081 χ^2 /NDF: 6064.4/30

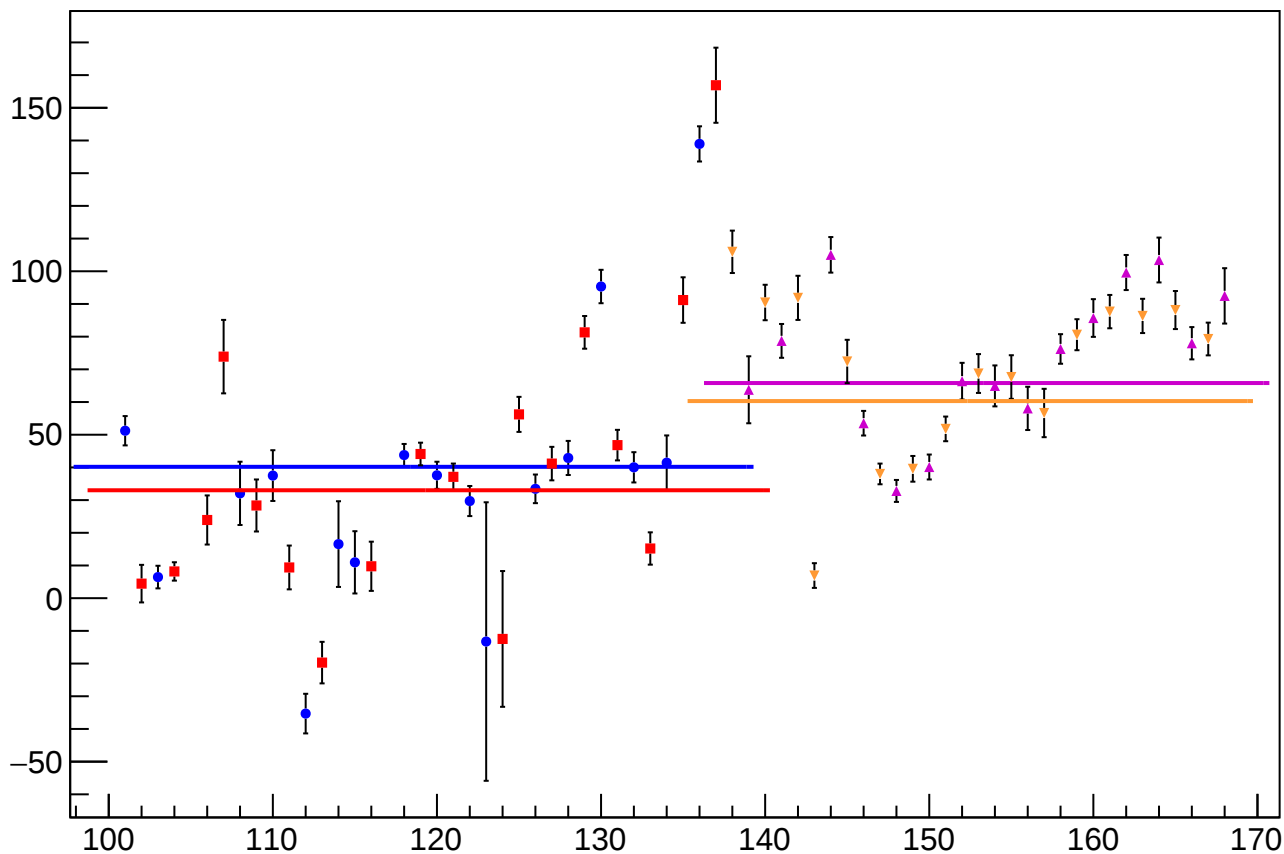
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 235.896 $\pm$ 1.224 χ^2 /NDF:8230.5/31

Out: 215.289 $\pm$ 1.184 χ^2 /NDF:13195.7/33

All: 225.254 $\pm$ 0.851 χ^2 /NDF: 21572.6/65

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 60.293 ± 1.226 $\chi^2/\text{NDF}: 500.1/15$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 65.811 ± 1.315 $\chi^2/\text{NDF}: 315.2/14$

Left: 62.860 ± 0.897 $\chi^2/\text{NDF}: 824.7/30$

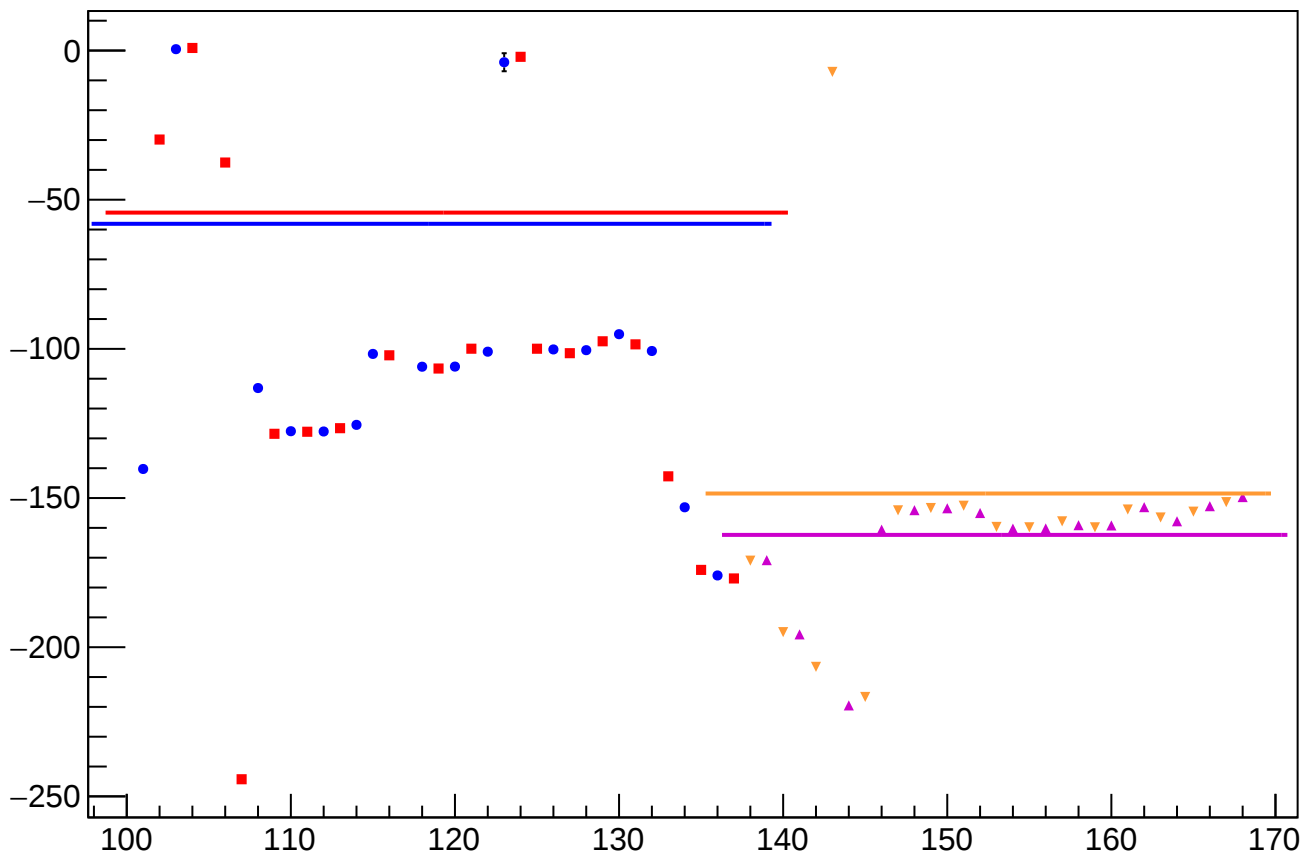
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 52.553 ± 0.913 $\chi^2/\text{NDF}: 1245.8/31$

Out: 46.944 ± 0.876 $\chi^2/\text{NDF}: 1289.5/33$

All: 49.632 ± 0.632 $\chi^2/\text{NDF}: 2555.0/65$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 χ^2/NDF : 1104437.7/16

Left Out: -148.481 ± 0.060 χ^2/NDF : 656912.1/15

Right Out: -54.323 ± 0.060 χ^2/NDF : 991053.6/17

Left In: -162.353 ± 0.063 χ^2/NDF : 63994.9/14

Left: -155.170 ± 0.043 χ^2/NDF : 746351.3/30

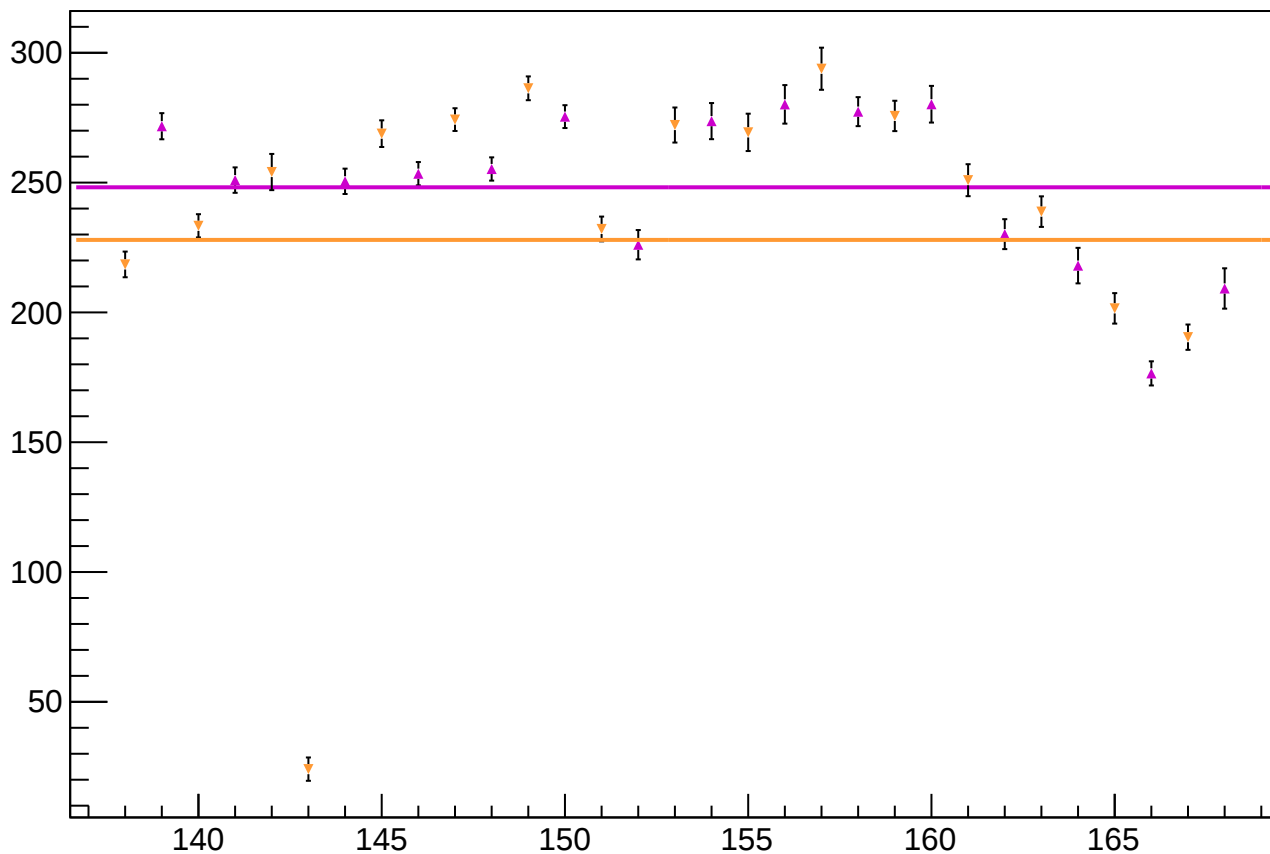
Right: -56.164 ± 0.043 χ^2/NDF : 2097382.5/34

In: -109.411 ± 0.044 χ^2/NDF : 2578181.2/31

Out: -101.441 ± 0.043 χ^2/NDF : 2862506.9/33

All: -105.317 ± 0.031 χ^2/NDF : 5457615.9/65

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: 227.927+/-1.343 χ^2/NDF : 2723.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.190+/-1.400 χ^2/NDF : 451.4/14

Left: 237.640+/-0.969 χ^2/NDF : 3283.7/30

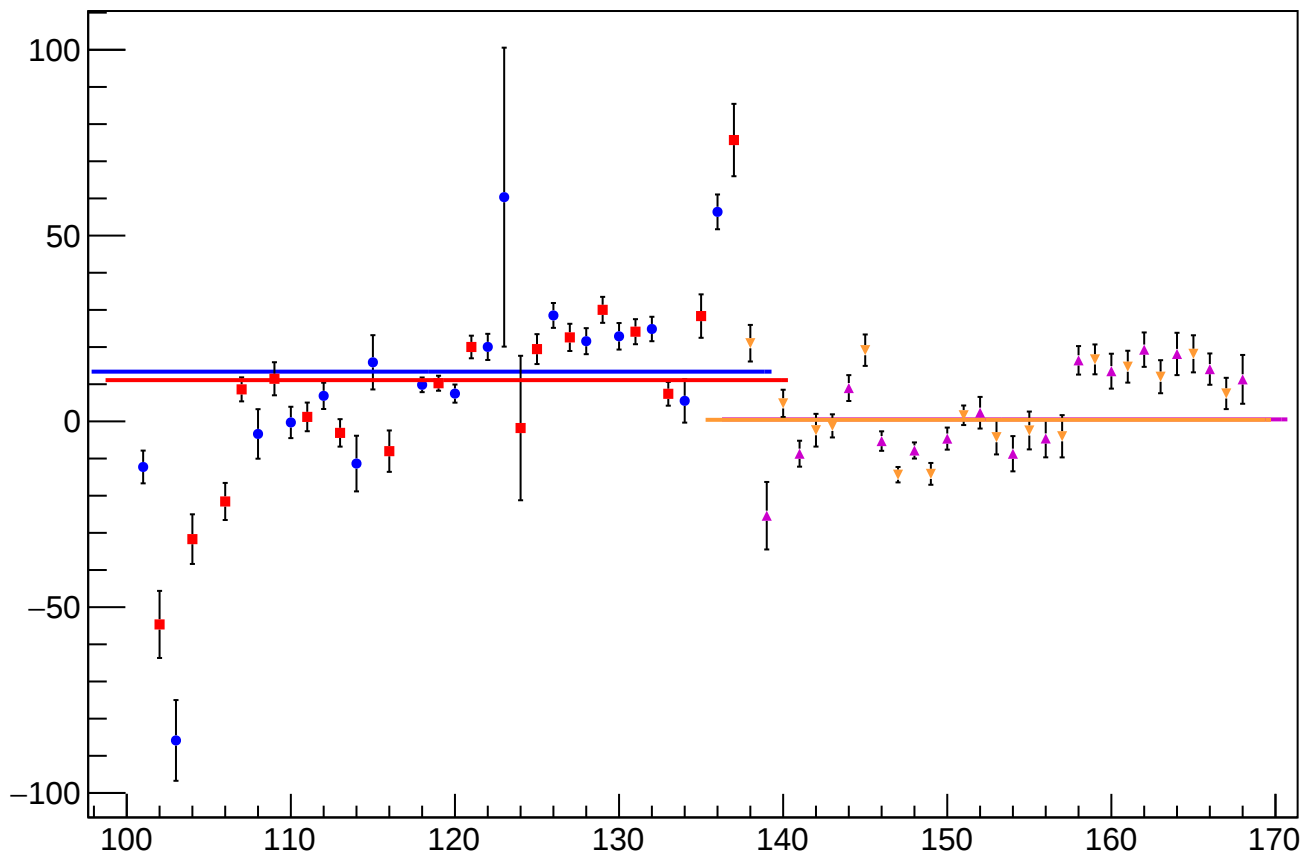
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.190+/-1.400 χ^2/NDF : 451.4/14

Out: 227.927+/-1.343 χ^2/NDF : 2723.2/15

All: 237.640+/-0.969 χ^2/NDF : 3283.7/30

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385+/-0.921 χ^2/NDF : 294.1/16

Left Out: 0.420+/-0.914 χ^2/NDF : 166.4/15

Right Out: 11.101+/-0.915 χ^2/NDF : 292.2/17

Left In: 0.536+/-0.973 χ^2/NDF : 112.6/14

Left: 0.475+/-0.666 χ^2/NDF : 279.0/30

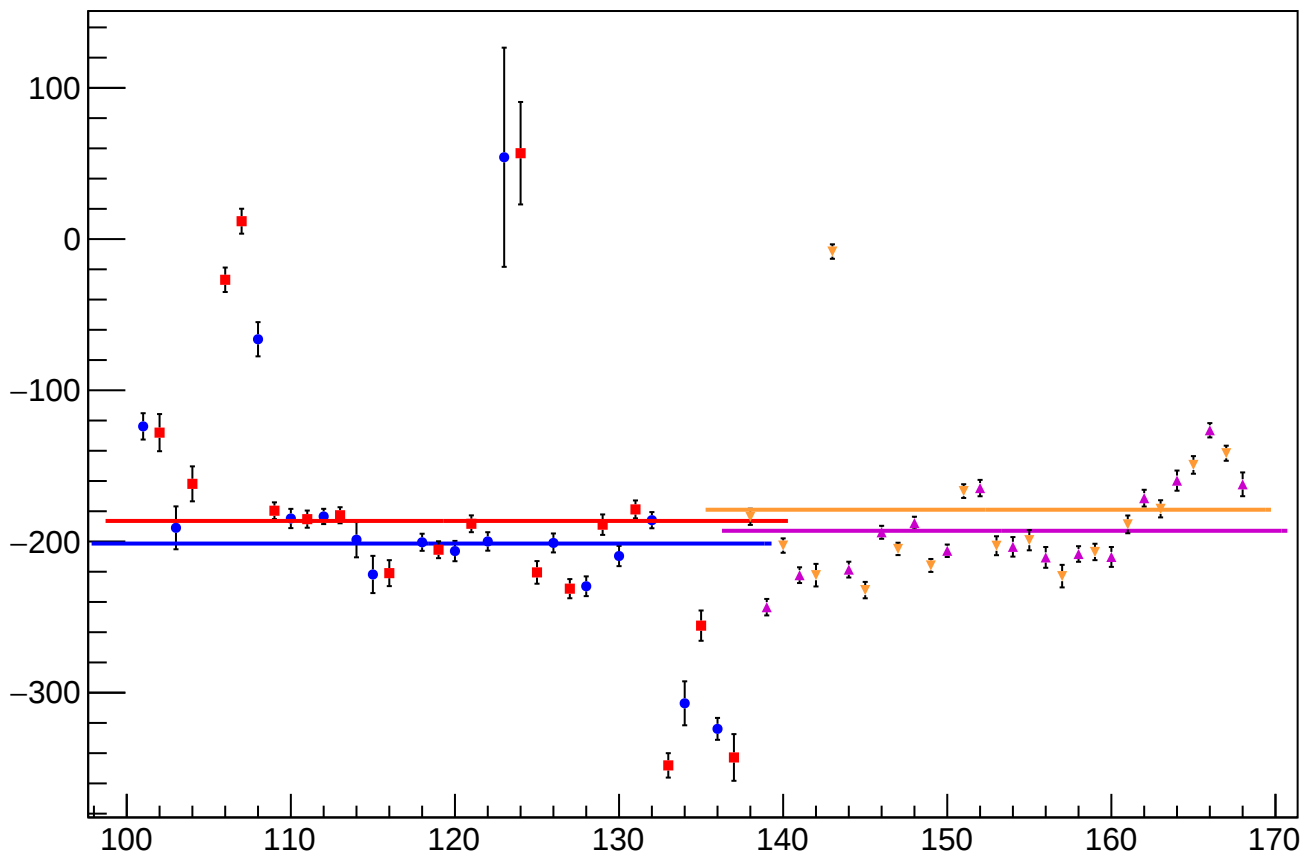
Right: 12.236+/-0.649 χ^2/NDF : 589.4/34

In: 7.312+/-0.669 χ^2/NDF : 498.6/31

Out: 5.751+/-0.647 χ^2/NDF : 526.8/33

All: 6.505+/-0.465 χ^2/NDF : 1028.3/65

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -178.996 ± 1.329 $\chi^2/\text{NDF}: 1715.9/15$

Right Out: -186.409 ± 1.703 $\chi^2/\text{NDF}: 1699.5/17$

Left In: -192.927 ± 1.370 $\chi^2/\text{NDF}: 458.1/14$

Left: -185.750 ± 0.954 $\chi^2/\text{NDF}: 2227.3/30$

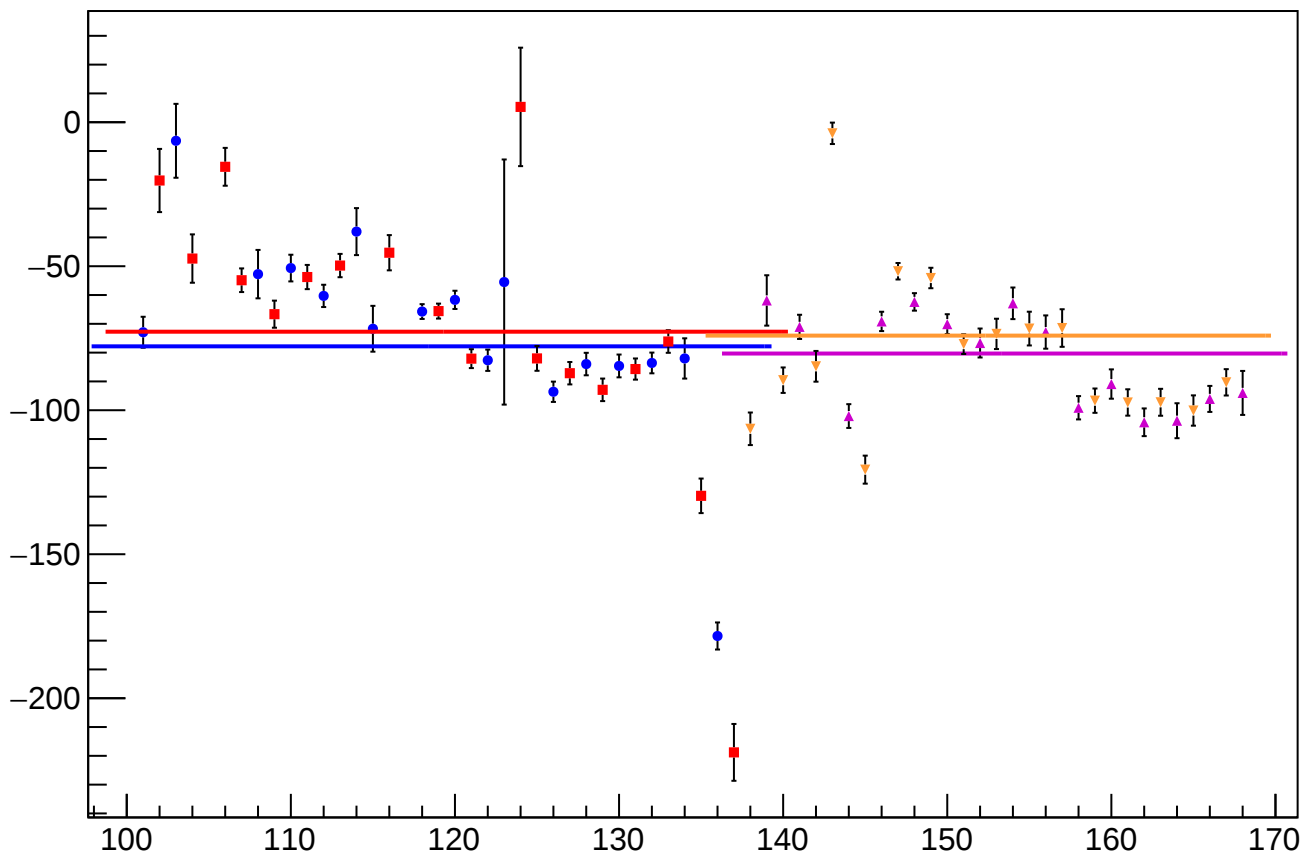
Right: -193.544 ± 1.232 $\chi^2/\text{NDF}: 2361.2/34$

In: -196.059 ± 1.086 $\chi^2/\text{NDF}: 1097.1/31$

Out: -181.801 ± 1.048 $\chi^2/\text{NDF}: 3427.2/33$

All: -188.672 ± 0.754 $\chi^2/\text{NDF}: 4613.5/65$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -74.091 ± 1.091 χ^2/NDF : 706.8/15

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -80.314 ± 1.156 χ^2/NDF : 184.6/14

Left: -77.022 ± 0.793 χ^2/NDF : 906.7/30

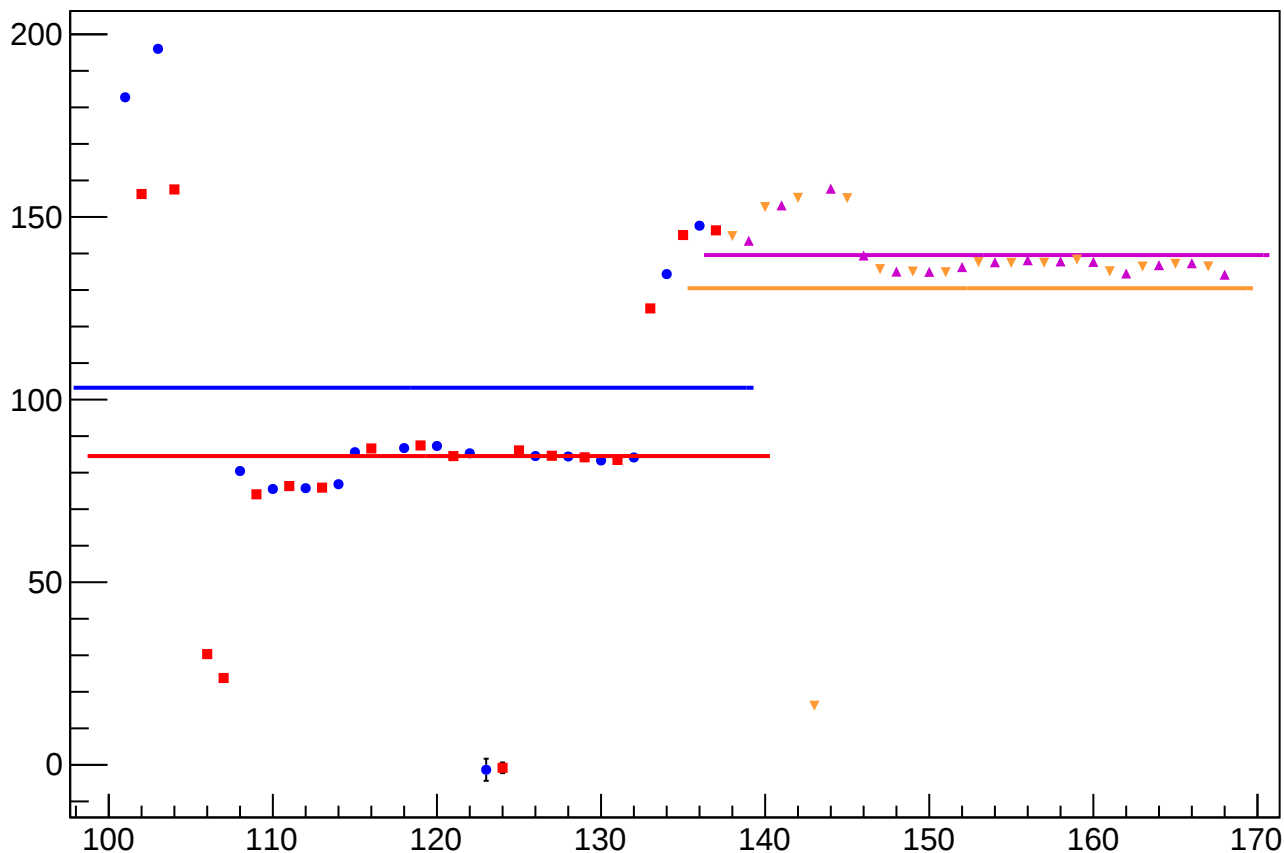
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -78.968 ± 0.784 χ^2/NDF : 843.5/31

Out: -73.389 ± 0.758 χ^2/NDF : 1306.6/33

All: -76.082 ± 0.545 χ^2/NDF : 2176.2/65

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 130.489 $\pm$ 0.053 χ^2 /NDF: 398318.6/15

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 139.566 $\pm$ 0.055 χ^2 /NDF: 13802.2/14

Left: 134.905 $\pm$ 0.038 χ^2 /NDF: 426139.2/30

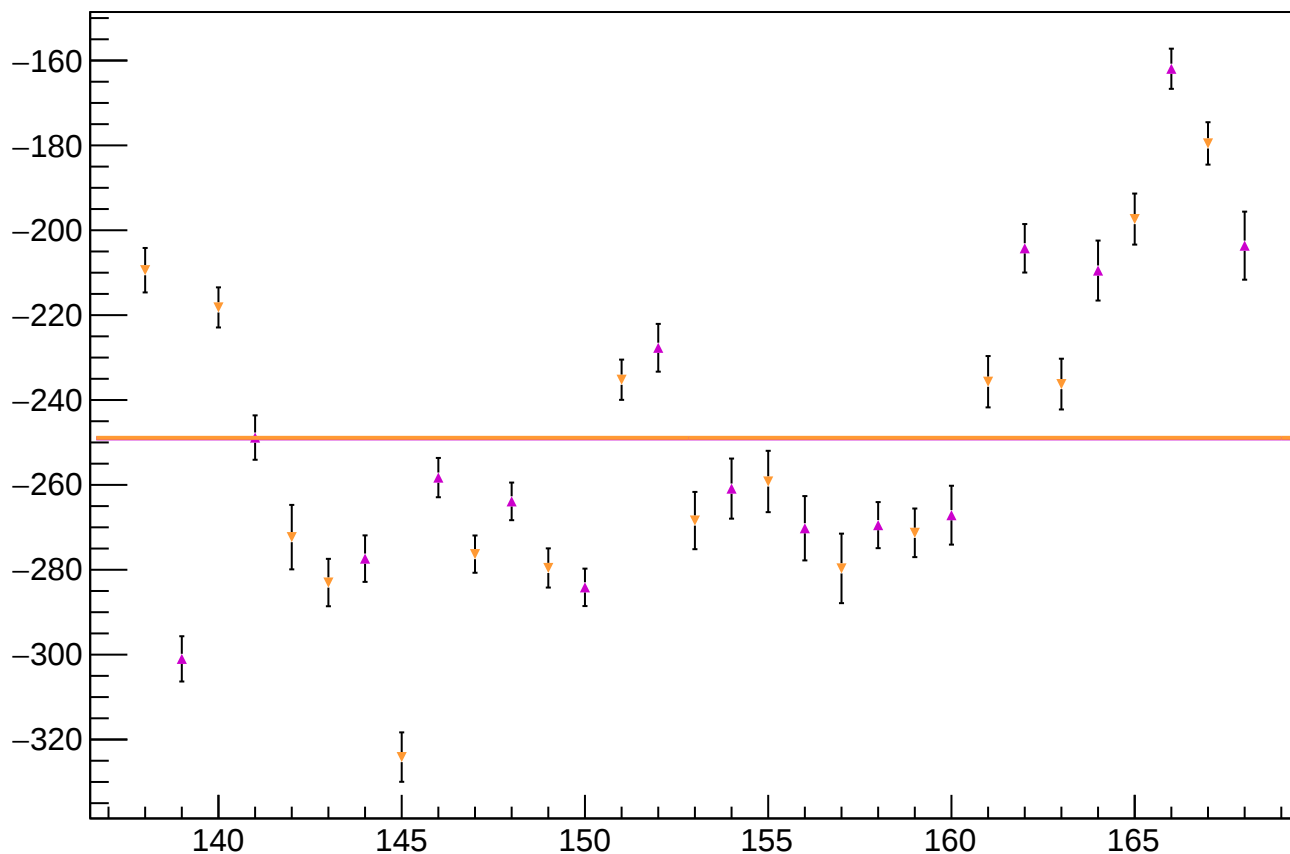
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 125.835 $\pm$ 0.043 χ^2 /NDF: 452437.3/31

Out: 111.570 $\pm$ 0.041 χ^2 /NDF: 1113726.1/33

All: 118.312 $\pm$ 0.030 χ^2 /NDF: 1623336.8/65

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: -248.911+/-1.396 χ^2/NDF : 719.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.042+/-1.431 χ^2/NDF : 709.4/14

Left: -248.975+/-0.999 χ^2/NDF : 1428.8/30

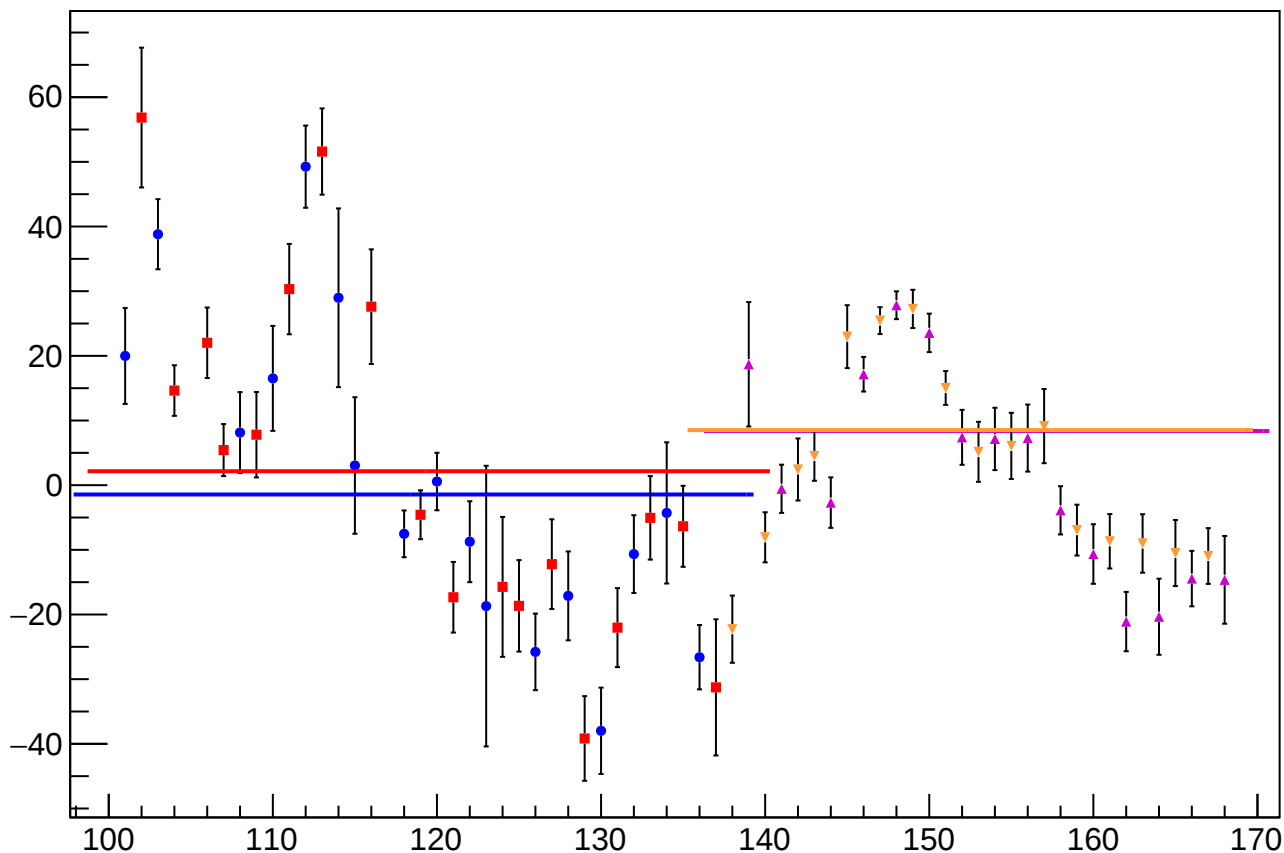
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.042+/-1.431 χ^2/NDF : 709.4/14

Out: -248.911+/-1.396 χ^2/NDF : 719.4/15

All: -248.975+/-0.999 χ^2/NDF : 1428.8/30

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 8.517 ± 0.942 χ^2/NDF : 259.8/15

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 8.370 ± 0.988 χ^2/NDF : 266.5/14

Left: 8.447 ± 0.682 χ^2/NDF : 526.3/30

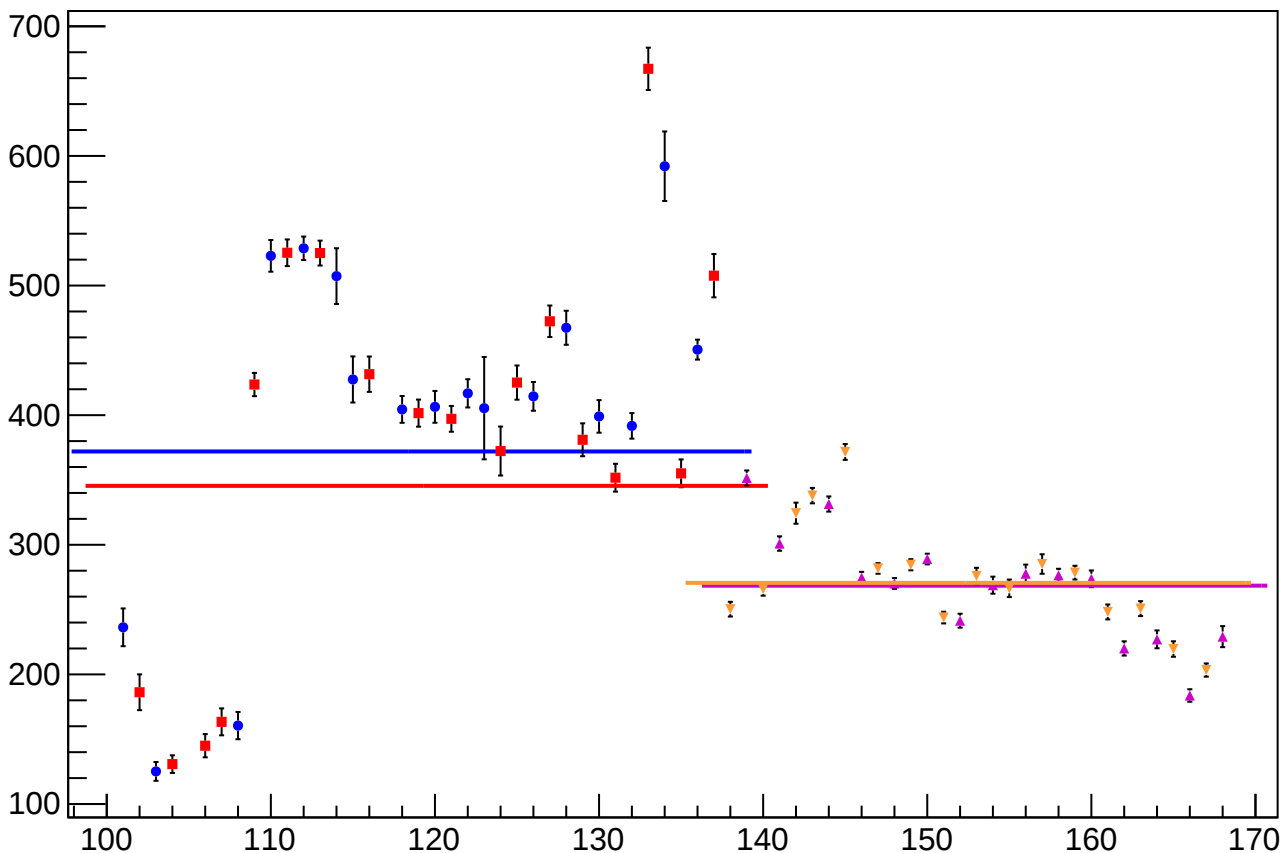
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 5.446 ± 0.828 χ^2/NDF : 520.4/31

Out: 6.536 ± 0.782 χ^2/NDF : 504.1/33

All: 6.022 ± 0.568 χ^2/NDF : 1025.4/65

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 $\chi^2/\text{NDF}: 2431.2/16$

Left Out: 270.634 ± 1.374 $\chi^2/\text{NDF}: 791.3/15$

Right Out: 345.473 ± 2.564 $\chi^2/\text{NDF}: 3401.6/17$

Left In: 268.460 ± 1.396 $\chi^2/\text{NDF}: 859.8/14$

Left: 269.564 ± 0.979 $\chi^2/\text{NDF}: 1652.3/30$

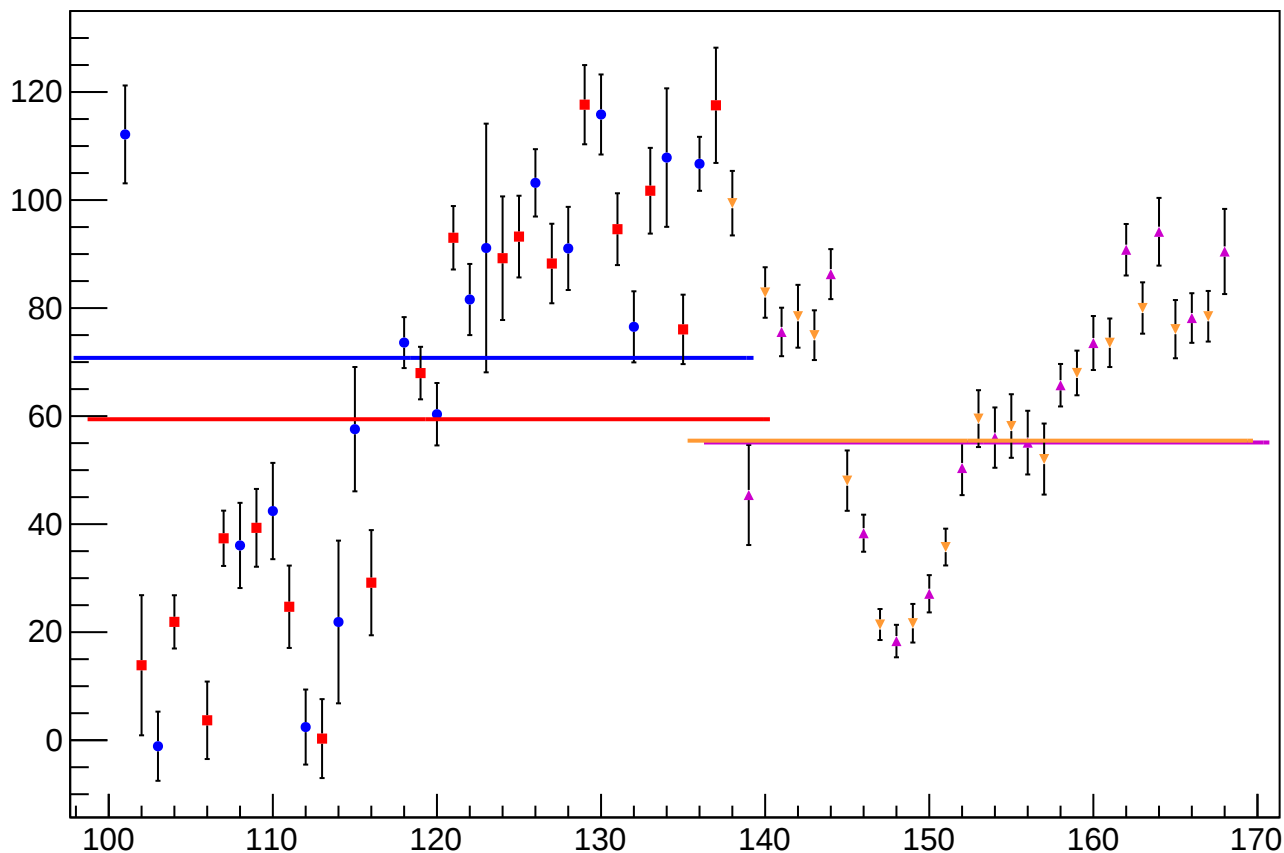
Right: 357.739 ± 1.880 $\chi^2/\text{NDF}: 5882.3/34$

In: 289.492 ± 1.246 $\chi^2/\text{NDF}: 4408.5/31$

Out: 287.329 ± 1.211 $\chi^2/\text{NDF}: 4854.7/33$

All: 288.380 ± 0.869 $\chi^2/\text{NDF}: 9264.8/65$

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: 55.455 $\pm$ 1.126 χ^2 /NDF: 479.7/15

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 55.117 $\pm$ 1.174 χ^2 /NDF: 468.3/14

Left: 55.293 $\pm$ 0.813 χ^2 /NDF: 948.1/30

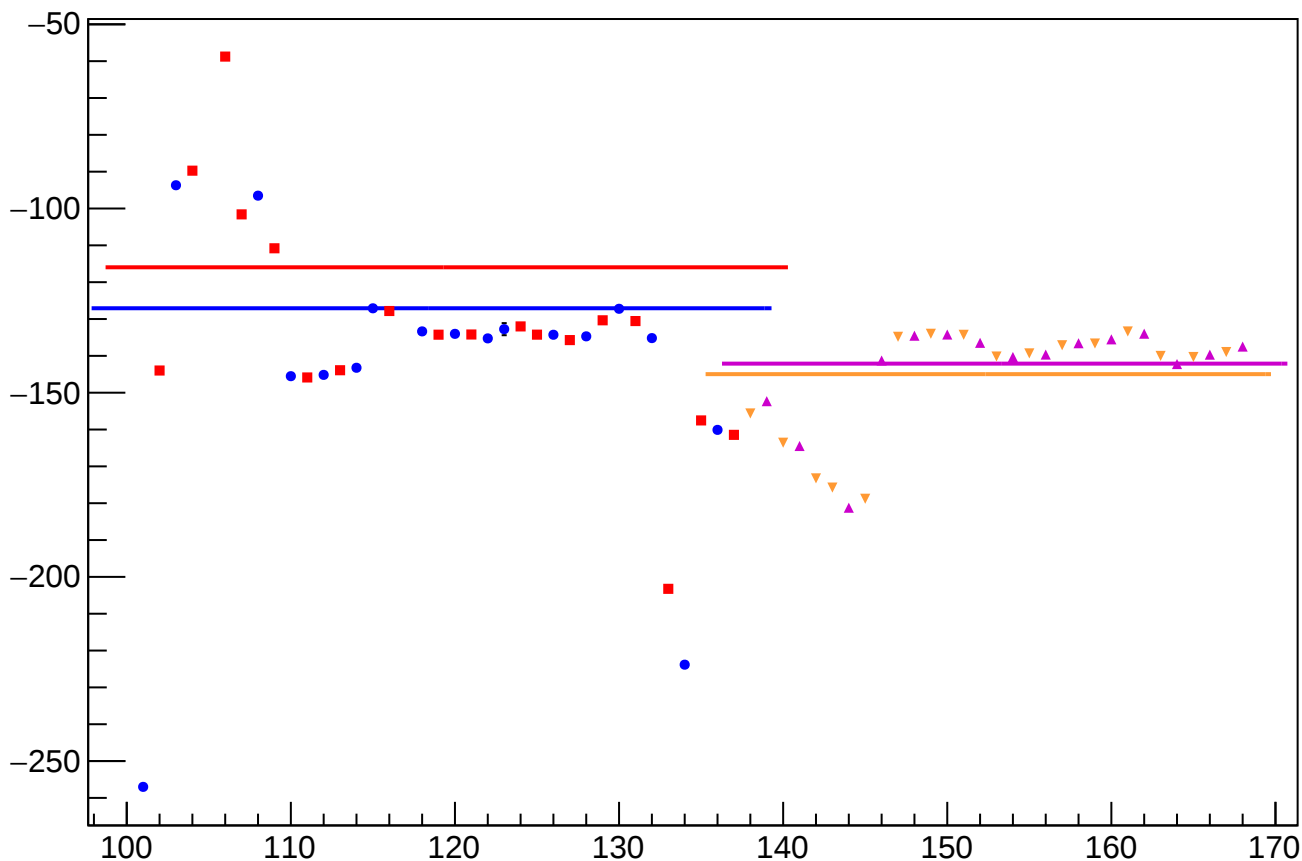
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 59.992 $\pm$ 0.974 χ^2 /NDF: 947.6/31

Out: 56.734 $\pm$ 0.927 χ^2 /NDF: 970.3/33

All: 58.281 $\pm$ 0.672 χ^2 /NDF: 1923.8/65

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -144.965+/-0.055 χ^2/NDF : 70583.5/15

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -142.111+/-0.056 χ^2/NDF : 43845.7/14

Left: -143.554+/-0.039 χ^2/NDF : 115745.9/30

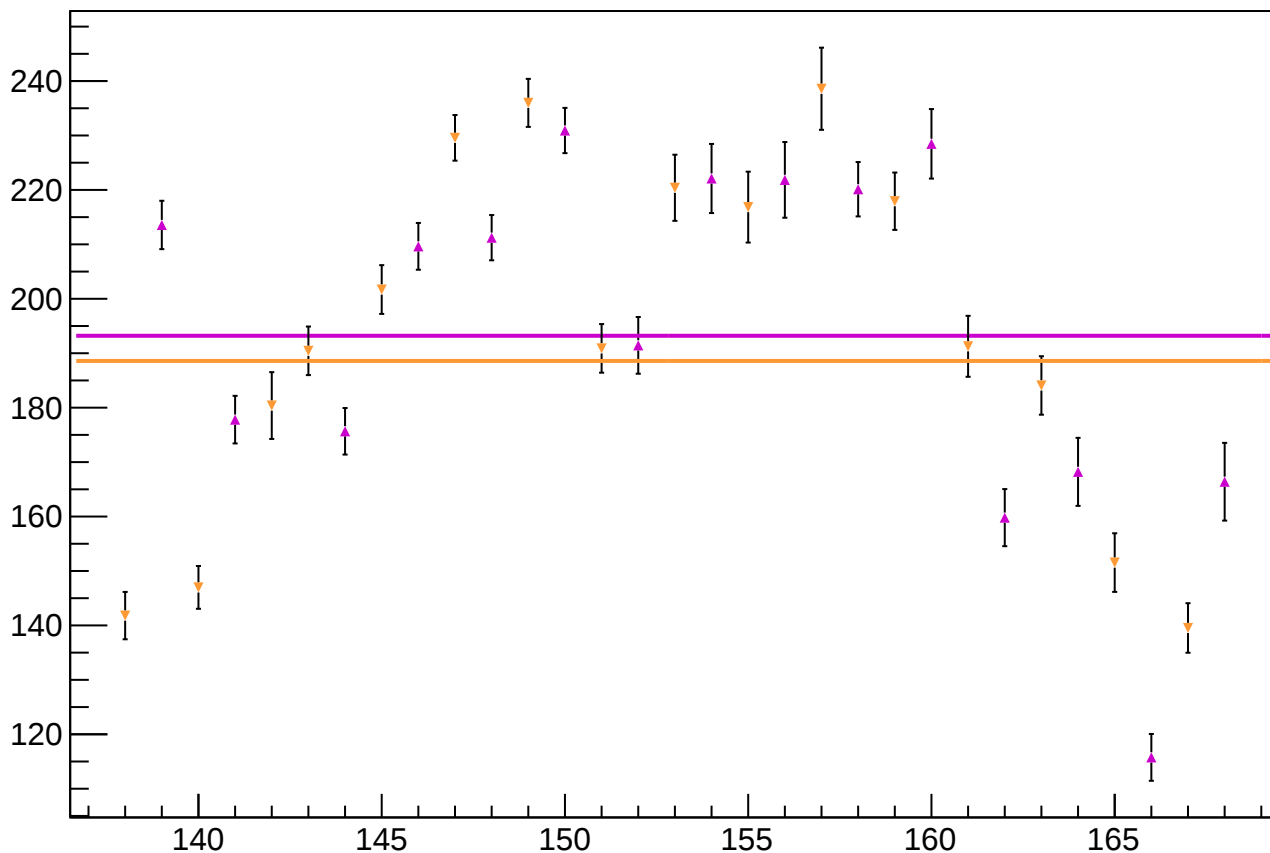
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.891+/-0.047 χ^2/NDF : 231161.8/31

Out: -136.049+/-0.046 χ^2/NDF : 314120.0/33

All: -136.943+/-0.033 χ^2/NDF : 546058.8/65

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: 188.584+/-1.234 χ^2/NDF : 735.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.209+/-1.280 χ^2/NDF : 658.1/14

Left: 190.812+/-0.889 χ^2/NDF : 1400.0/30

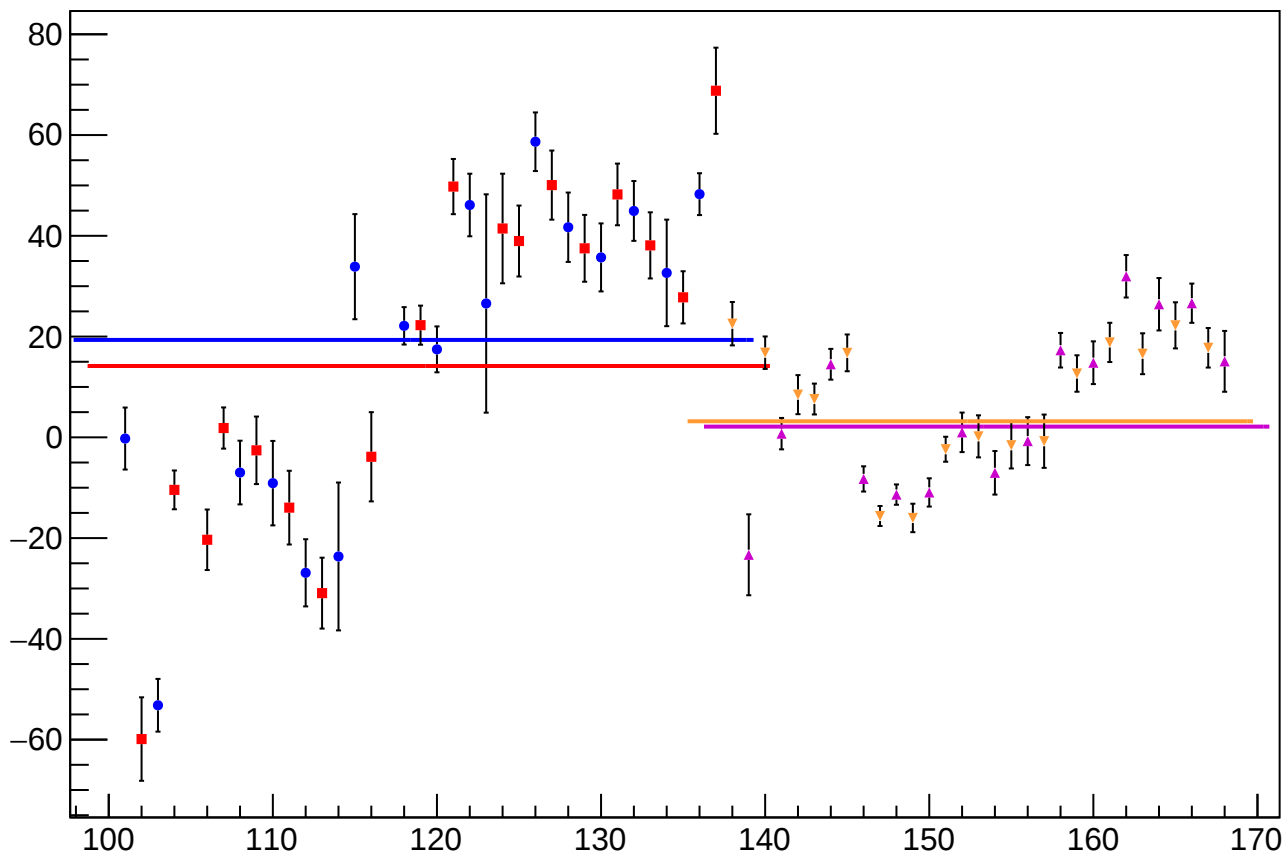
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.209+/-1.280 χ^2/NDF : 658.1/14

Out: 188.584+/-1.234 χ^2/NDF : 735.2/15

All: 190.812+/-0.889 χ^2/NDF : 1400.0/30

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2 /NDF: 439.8/16

Left Out: 3.189 $\pm$ 0.846 χ^2 /NDF: 263.9/15

Right Out: 14.162 $\pm$ 1.391 χ^2 /NDF: 426.0/17

Left In: 2.130 $\pm$ 0.895 χ^2 /NDF: 259.8/14

Left: 2.689 $\pm$ 0.615 χ^2 /NDF: 524.5/30

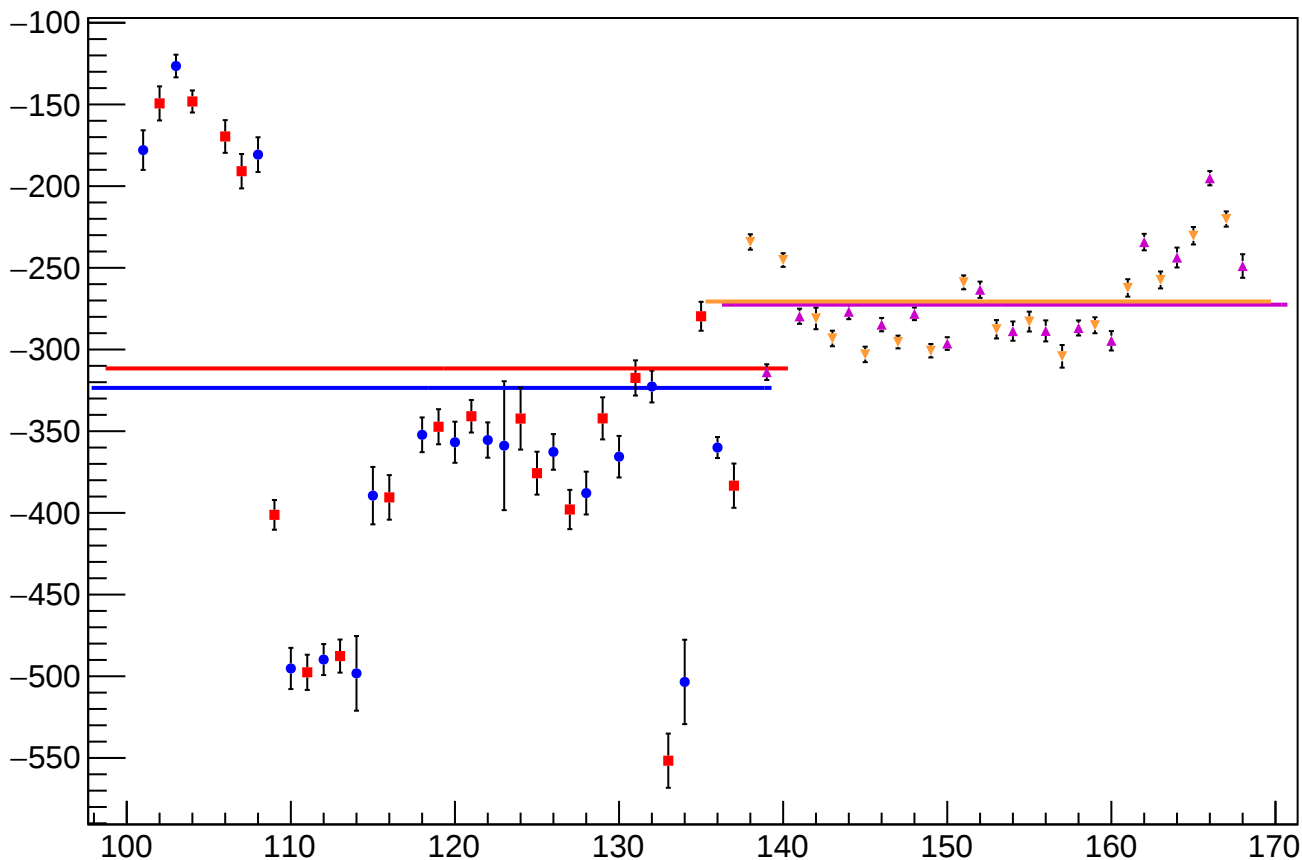
Right: 16.585 $\pm$ 1.014 χ^2 /NDF: 872.4/34

In: 6.728 $\pm$ 0.766 χ^2 /NDF: 798.4/31

Out: 6.153 $\pm$ 0.723 χ^2 /NDF: 735.4/33

All: 6.424 $\pm$ 0.526 χ^2 /NDF: 1534.1/65

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -270.606 ± 1.224 $\chi^2/\text{NDF}: 497.5/15$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -272.547 ± 1.256 $\chi^2/\text{NDF}: 568.8/14$

Left: -271.552 ± 0.876 $\chi^2/\text{NDF}: 1067.5/30$

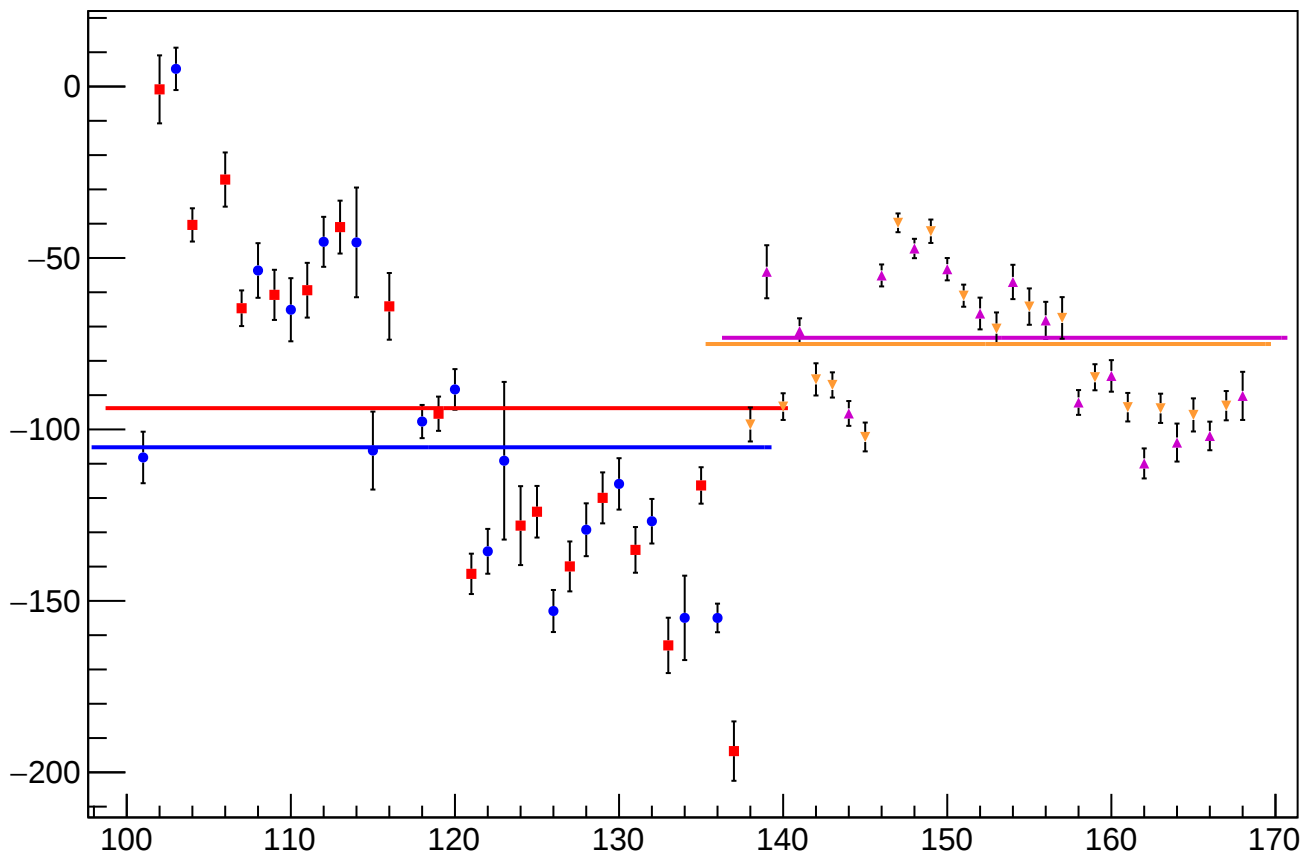
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -281.757 ± 1.136 $\chi^2/\text{NDF}: 2714.0/31$

Out: -278.389 ± 1.101 $\chi^2/\text{NDF}: 2954.2/33$

All: -280.020 ± 0.791 $\chi^2/\text{NDF}: 5672.7/65$

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: -75.089 ± 1.008 χ^2/NDF : 468.2/15

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -73.275 ± 1.061 χ^2/NDF : 398.9/14

Left: -74.229 ± 0.731 χ^2/NDF : 868.6/30

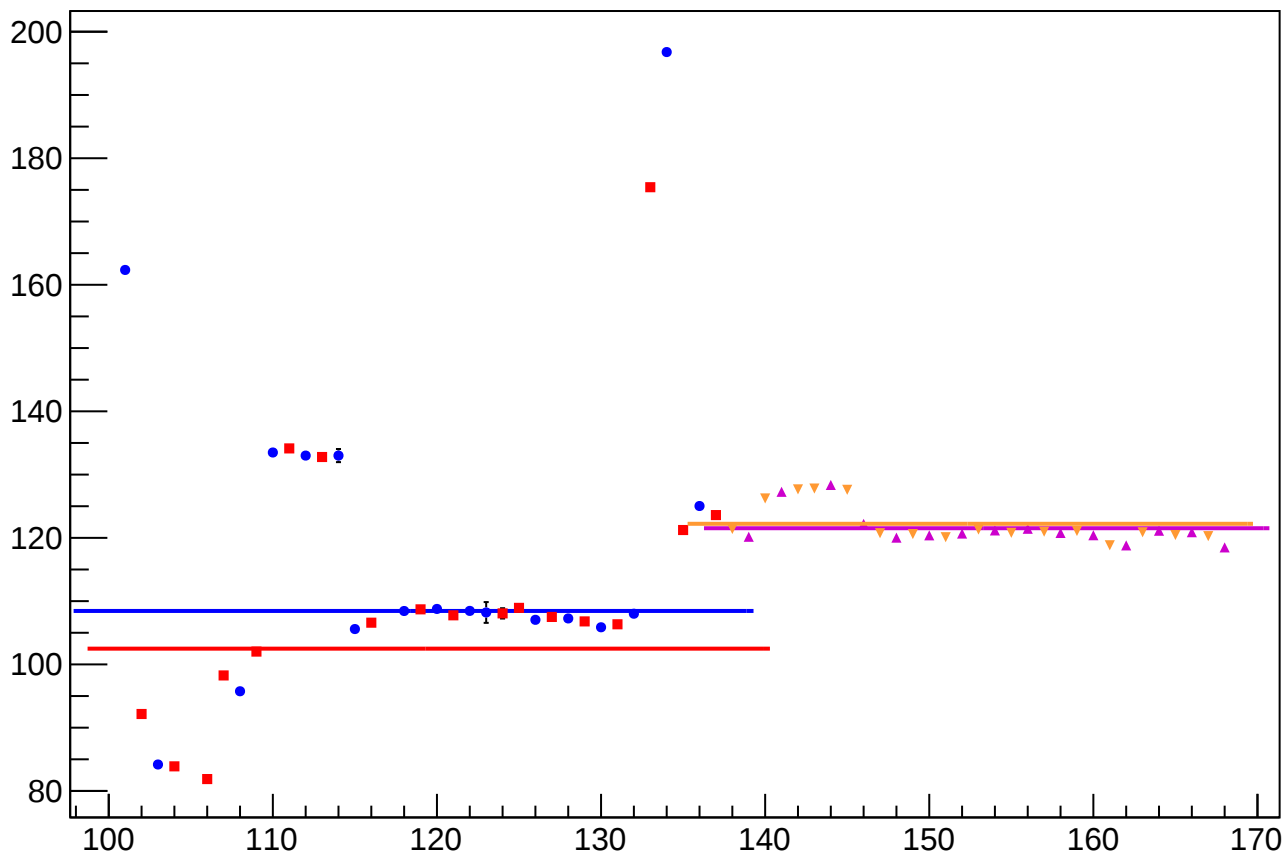
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -82.250 ± 0.900 χ^2/NDF : 1389.1/31

Out: -80.347 ± 0.854 χ^2/NDF : 1380.5/33

All: -81.250 ± 0.619 χ^2/NDF : 2772.0/65

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 122.224 $\pm$ 0.049 χ^2 /NDF: 3518.7/15

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.523 $\pm$ 0.050 χ^2 /NDF: 2699.0/14

Left: 121.881 $\pm$ 0.035 χ^2 /NDF: 6317.2/30

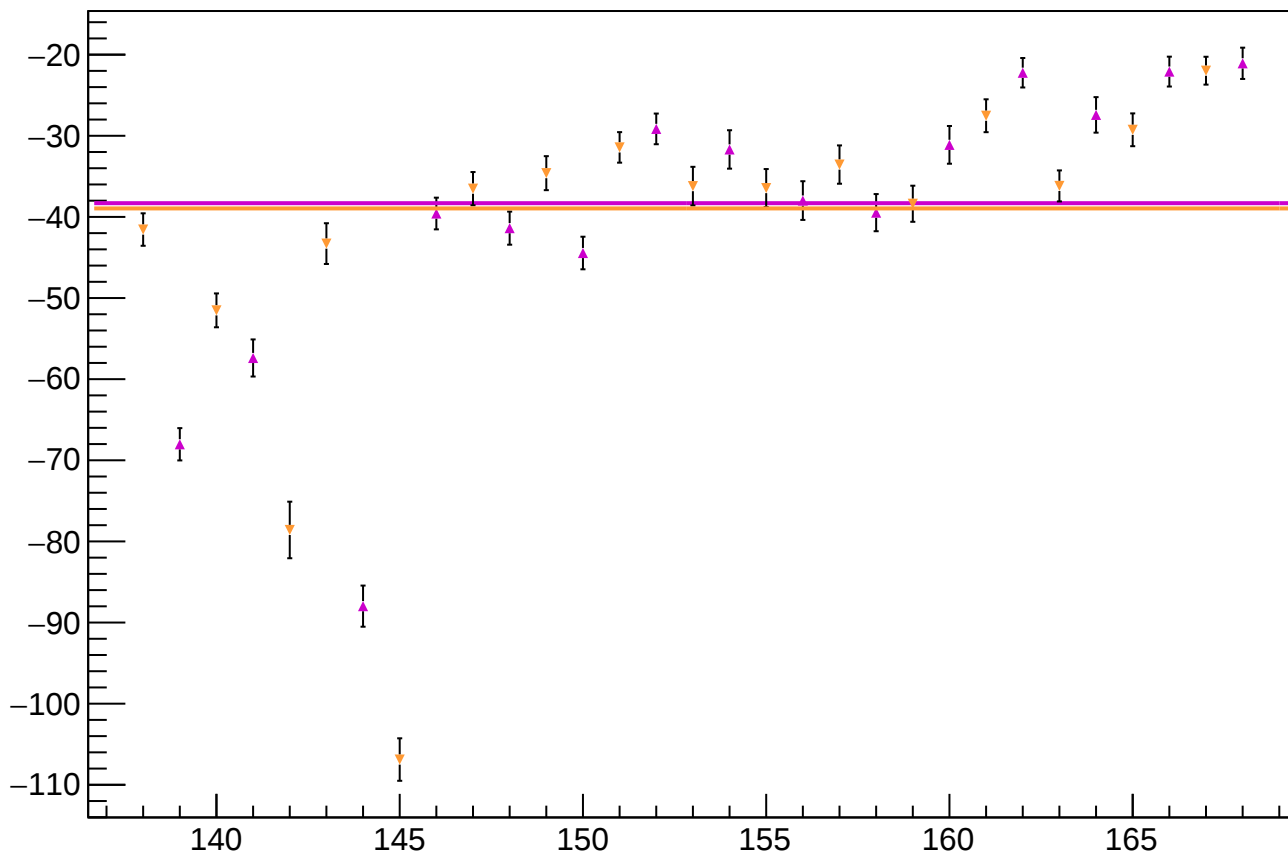
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.125 $\pm$ 0.043 χ^2 /NDF: 93560.7/31

Out: 116.776 $\pm$ 0.042 χ^2 /NDF: 100920.8/33

All: 117.428 $\pm$ 0.030 χ^2 /NDF: 194984.1/65

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.954+/-0.538 χ^2/NDF :1027.0/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.307+/-0.540 χ^2/NDF :990.1/14

Left: -38.632+/-0.381 χ^2/NDF : 2017.9/30

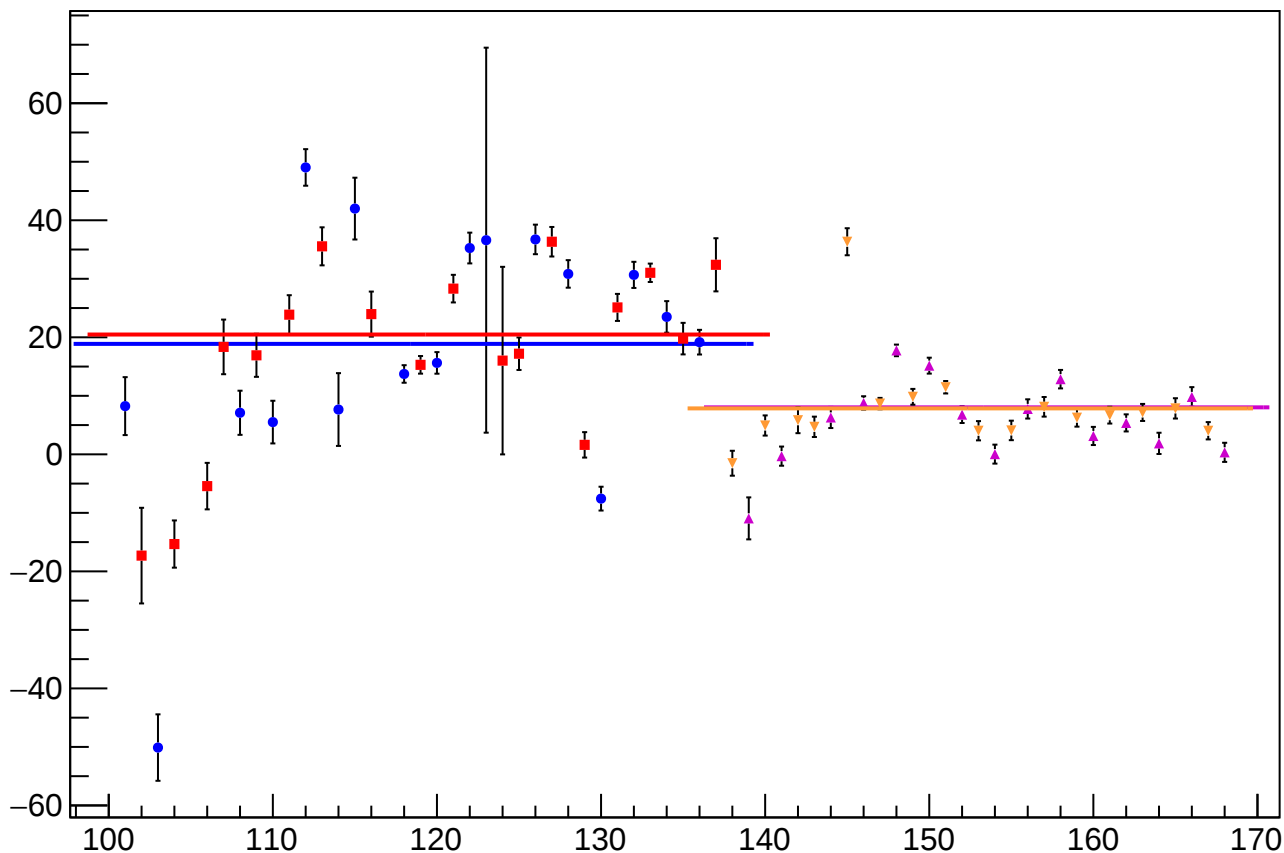
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.307+/-0.540 χ^2/NDF :990.1/14

Out: -38.954+/-0.538 χ^2/NDF :1027.0/15

All: -38.632+/-0.381 χ^2/NDF : 2017.9/30

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: 7.851 $\pm$ 0.377 χ^2 /NDF:211.8/15

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 8.029 $\pm$ 0.388 χ^2 /NDF:261.3/14

Left: 7.938 $\pm$ 0.271 χ^2 /NDF: 473.2/30

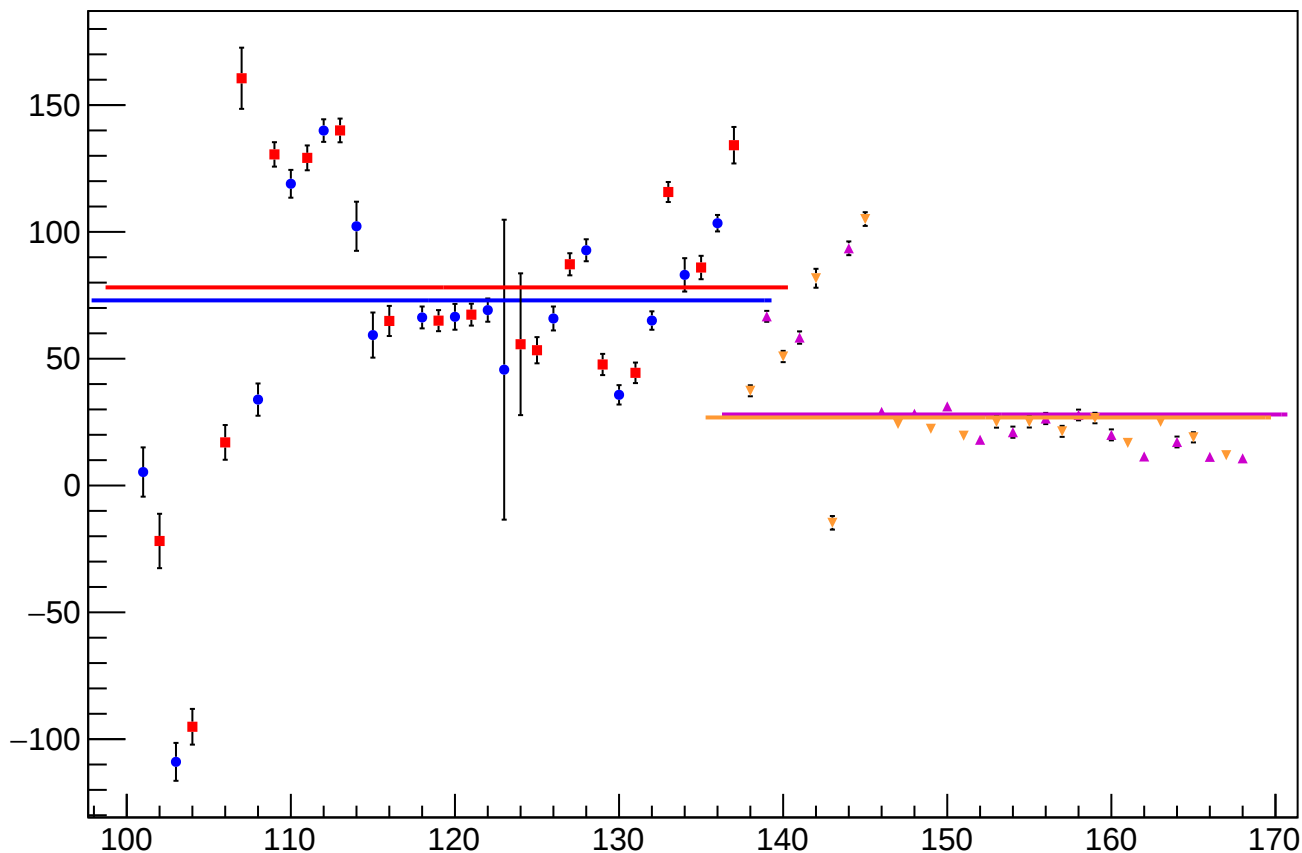
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 10.916 $\pm$ 0.332 χ^2 /NDF:1089.7/31

Out: 11.080 $\pm$ 0.325 χ^2 /NDF:860.6/33

All: 11.000 $\pm$ 0.233 χ^2 /NDF: 1950.4/65

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 26.831 $\pm$ 0.527 χ^2 /NDF:1579.4/15

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 28.011 $\pm$ 0.526 χ^2 /NDF:1393.4/14

Left: 27.422 $\pm$ 0.373 χ^2 /NDF: 2975.3/30

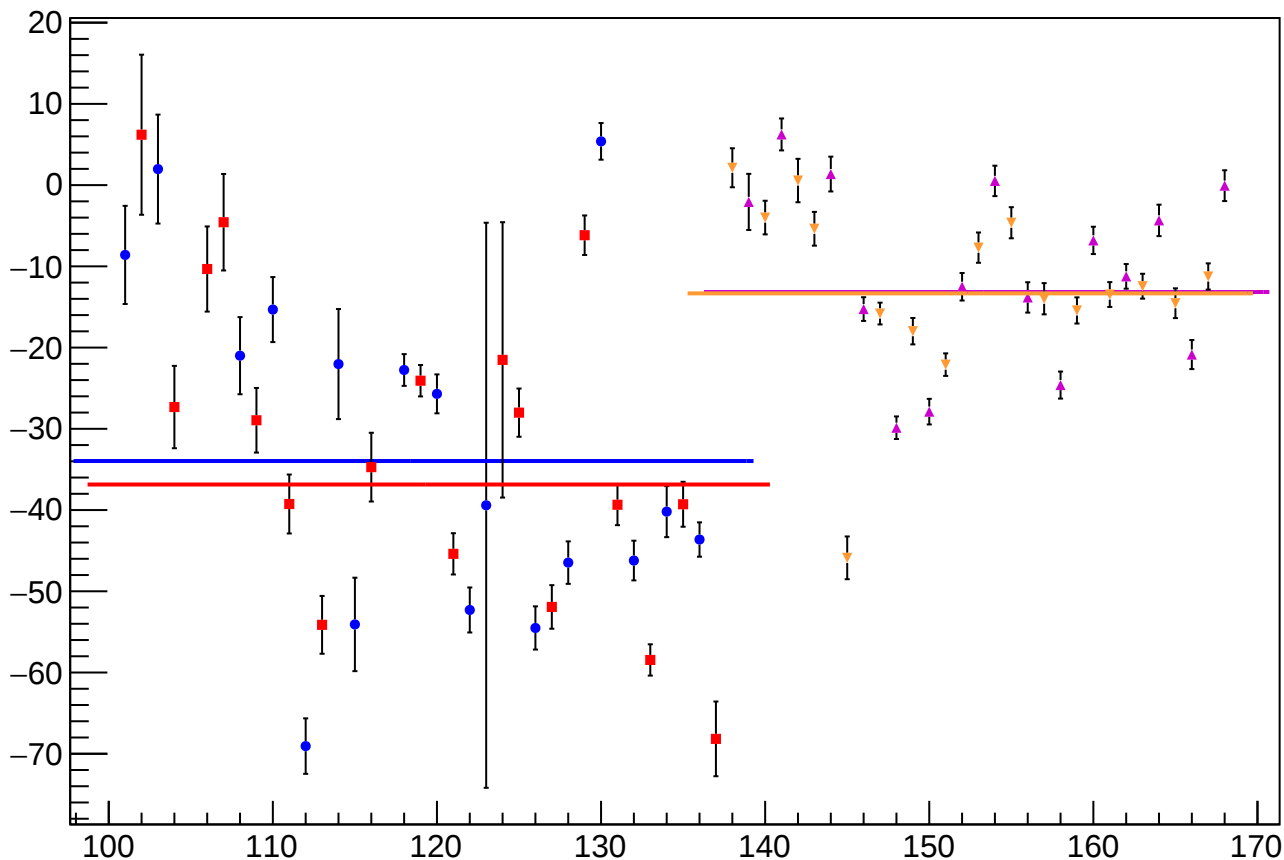
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 34.971 $\pm$ 0.484 χ^2 /NDF:3729.3/31

Out: 34.864 $\pm$ 0.484 χ^2 /NDF:4607.3/33

All: 34.918 $\pm$ 0.342 χ^2 /NDF: 8336.6/65

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 $\pm$ 0.738 χ^2 /NDF: 721.9/16

Left Out: -13.327 $\pm$ 0.441 χ^2 /NDF:342.2/15

Right Out: -36.856 $\pm$ 0.737 χ^2 /NDF: 535.3/17

Left In: -13.159 $\pm$ 0.453 χ^2 /NDF:591.8/14

Left: -13.245 $\pm$ 0.316 χ^2 /NDF: 934.0/30

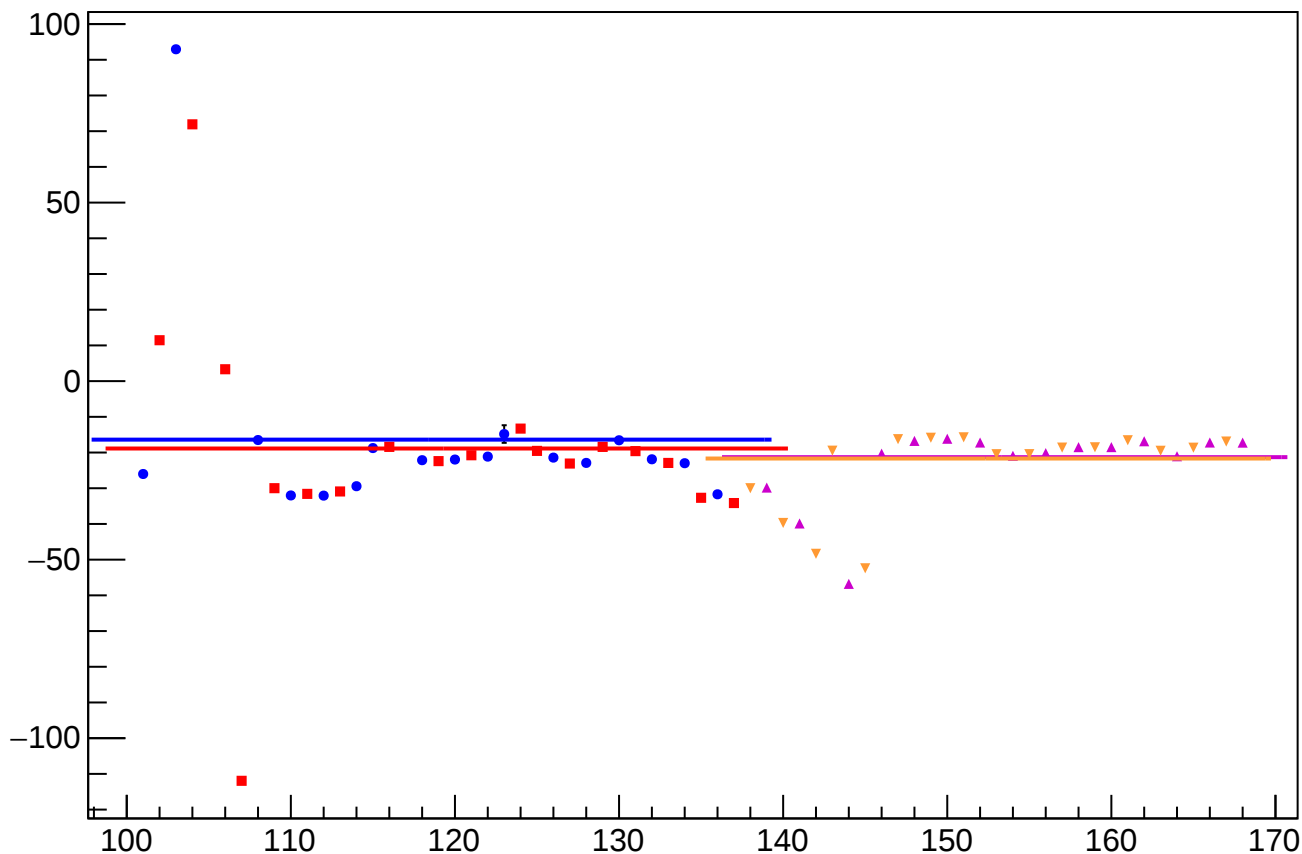
Right: -35.411 $\pm$ 0.521 χ^2 /NDF: 1264.9/34

In: -18.854 $\pm$ 0.386 χ^2 /NDF:1891.6/31

Out: -19.541 $\pm$ 0.379 χ^2 /NDF:1627.6/33

All: -19.204 $\pm$ 0.270 χ^2 /NDF: 3520.8/65

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -21.676 ± 0.021 $\chi^2/\text{NDF}: 188867.6/15$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -21.293 ± 0.021 $\chi^2/\text{NDF}: 160664.3/14$

Left: -21.484 ± 0.015 $\chi^2/\text{NDF}: 349702.3/30$

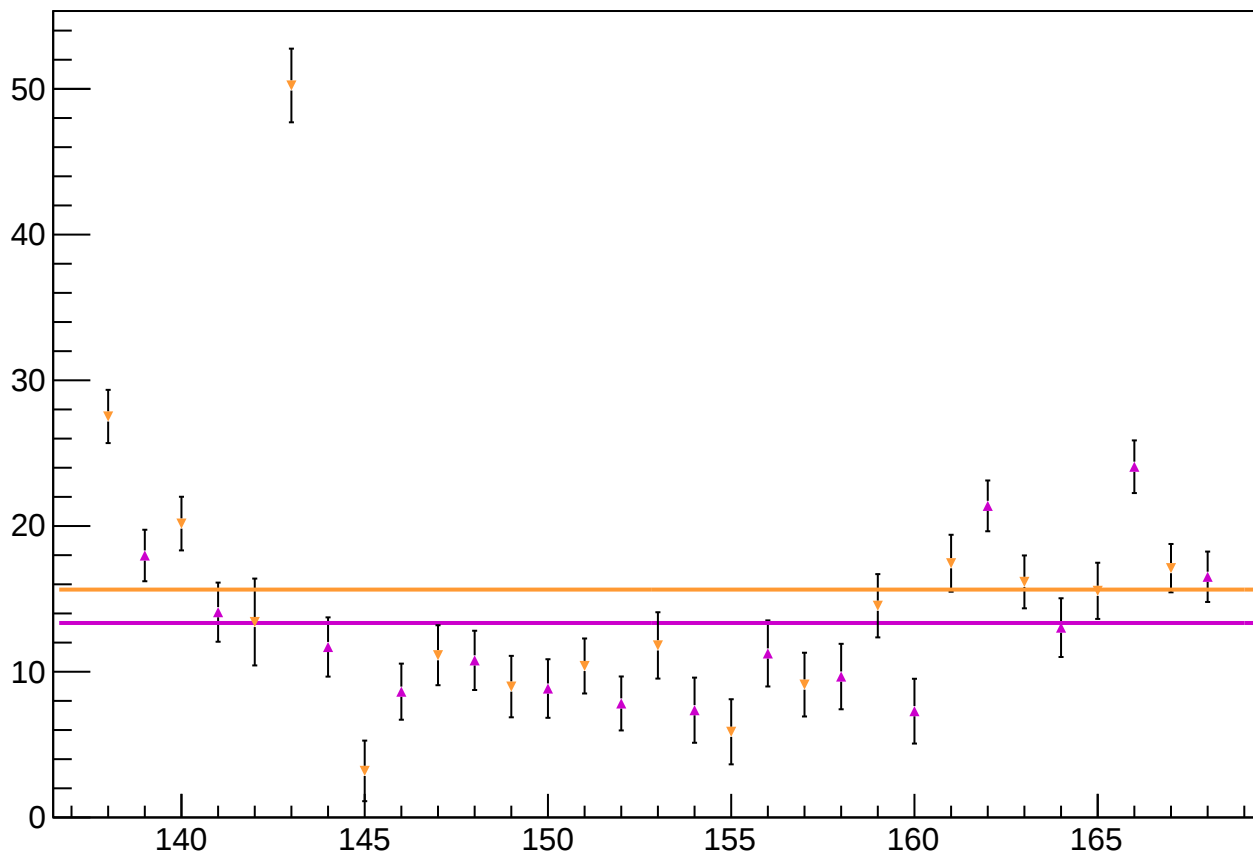
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.418 ± 0.019 $\chi^2/\text{NDF}: 644968.2/31$

Out: -21.189 ± 0.019 $\chi^2/\text{NDF}: 625403.5/33$

All: -20.801 ± 0.013 $\chi^2/\text{NDF}: 1271208.1/65$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 15.638 ± 0.510 χ^2/NDF : 327.3/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 13.346 ± 0.509 χ^2/NDF : 107.1/14

Left: 14.490 ± 0.360 χ^2/NDF : 444.6/30

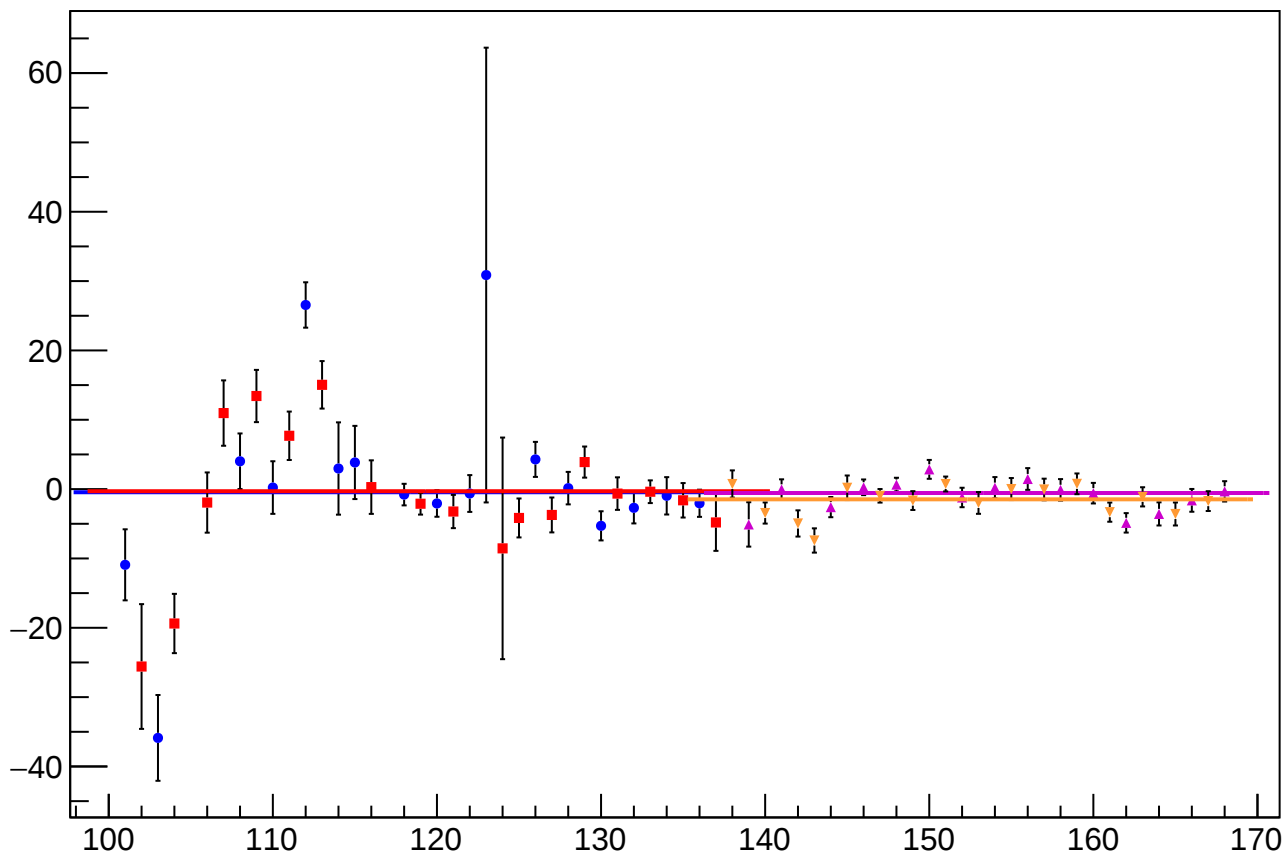
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 13.346 ± 0.509 χ^2/NDF : 107.1/14

Out: 15.638 ± 0.510 χ^2/NDF : 327.3/15

All: 14.490 ± 0.360 χ^2/NDF : 444.6/30

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: -1.474 ± 0.362 χ^2/NDF : 30.8/15

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.560 ± 0.370 χ^2/NDF : 27.7/14

Left: -1.027 ± 0.259 χ^2/NDF : 61.6/30

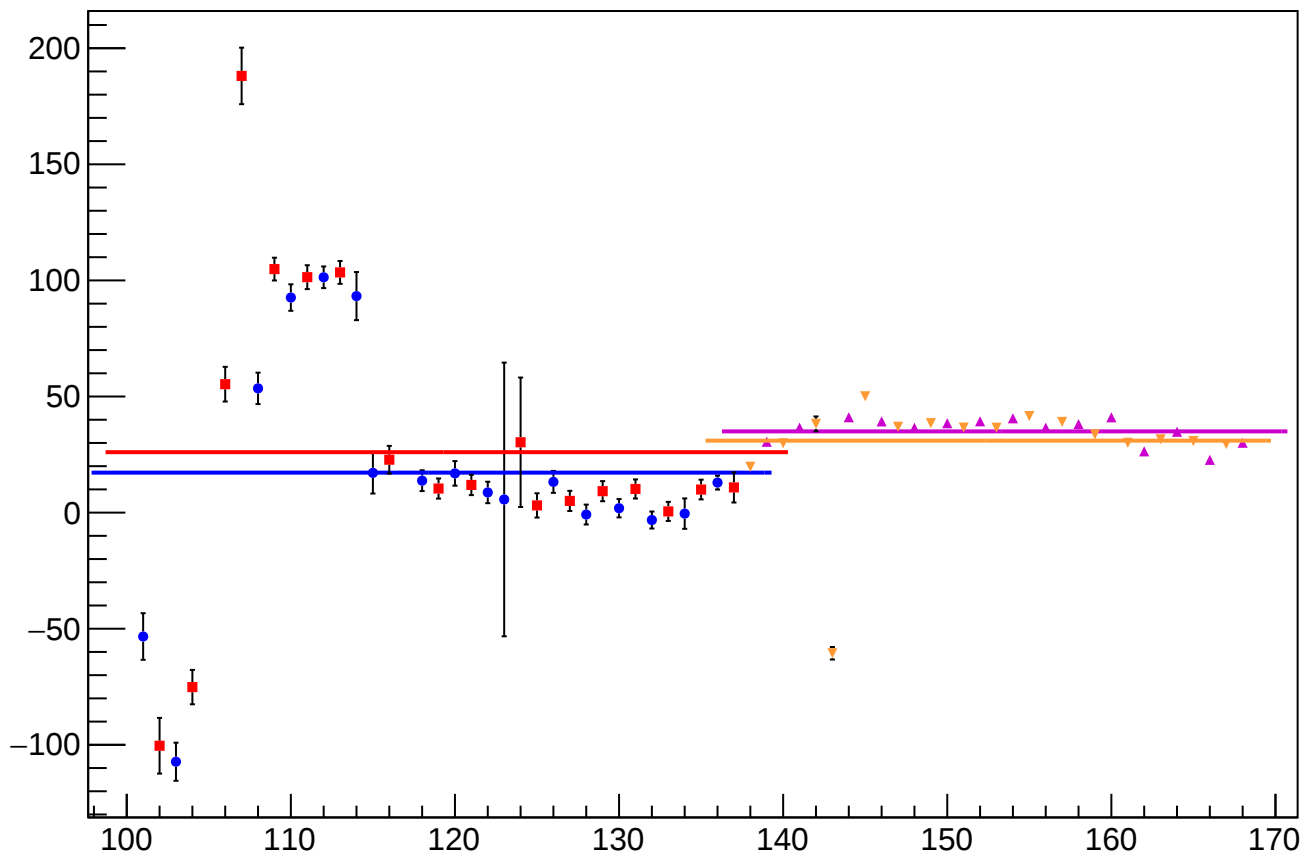
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.534 ± 0.322 χ^2/NDF : 147.3/31

Out: -1.202 ± 0.317 χ^2/NDF : 117.3/33

All: -0.873 ± 0.226 χ^2/NDF : 266.8/65

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: 30.989+/-0.502 χ^2 /NDF:1353.3/15

Right Out: 26.032+/-1.244 χ^2 /NDF: 1366.0/17

Left In: 34.984+/-0.498 χ^2 /NDF:126.8/14

Left: 33.000+/-0.353 χ^2 /NDF: 1512.0/30

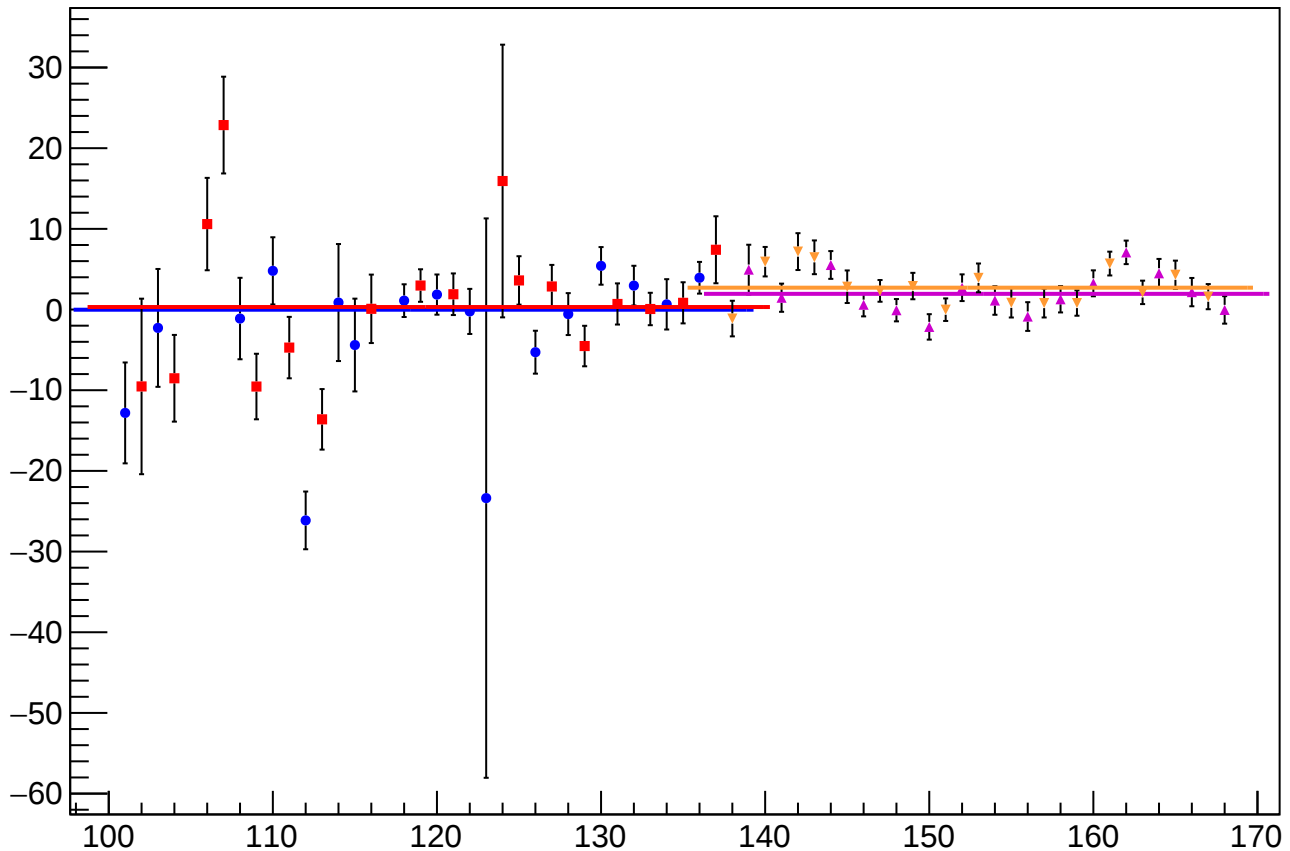
Right: 21.614+/-0.879 χ^2 /NDF: 2331.3/34

In: 32.519+/-0.462 χ^2 /NDF:1243.4/31

Out: 30.296+/-0.465 χ^2 /NDF:2733.0/33

All: 31.414+/-0.328 χ^2 /NDF: 3987.9/65

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: 2.709 ± 0.422 χ^2/NDF : 26.8/15

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.945 ± 0.431 χ^2/NDF : 34.7/14

Left: 2.335 ± 0.301 χ^2/NDF : 63.2/30

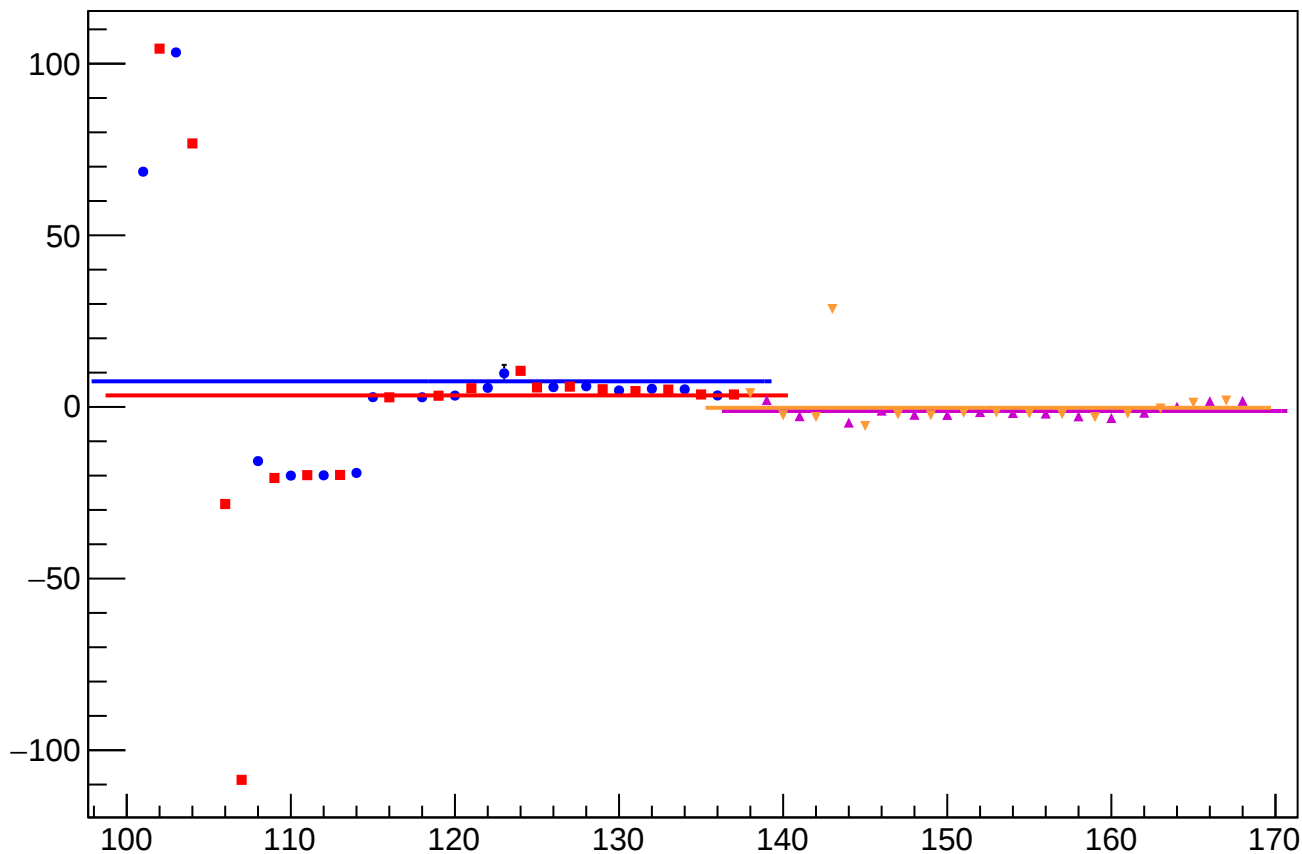
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.453 ± 0.373 χ^2/NDF : 115.8/31

Out: 2.132 ± 0.368 χ^2/NDF : 88.7/33

All: 1.797 ± 0.262 χ^2/NDF : 206.2/65

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: -0.249+/-0.020 χ^2/NDF : 85022.6/15

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -1.173+/-0.020 χ^2/NDF : 9043.5/14

Left: -0.715+/-0.014 χ^2/NDF : 95173.9/30

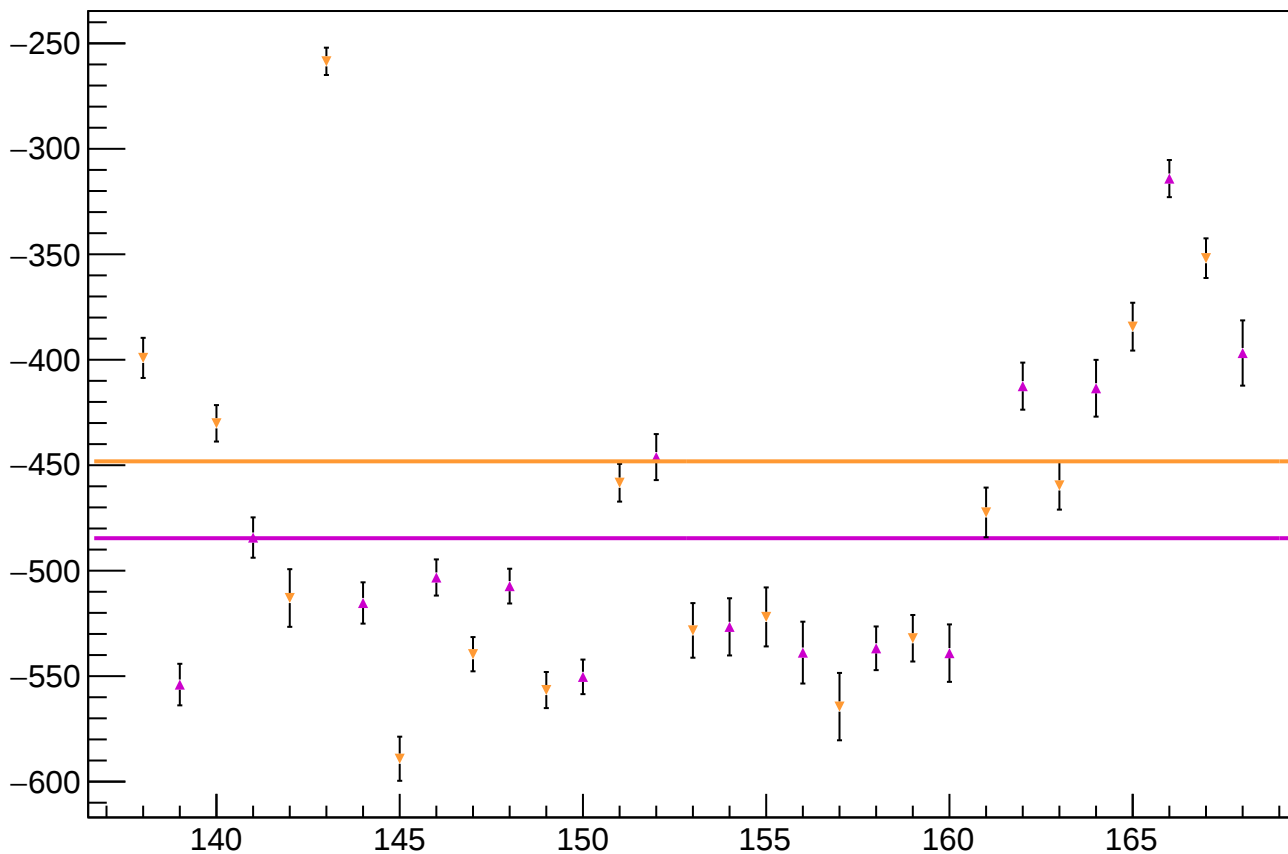
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 0.227+/-0.018 χ^2/NDF : 396564.7/31

Out: 0.319+/-0.018 χ^2/NDF : 595118.6/33

All: 0.273+/-0.013 χ^2/NDF : 991696.2/65

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: -448.160+/-2.491 χ^2/NDF : 1699.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -484.603+/-2.685 χ^2/NDF : 690.1/14

Left: -465.019+/-1.826 χ^2/NDF : 2488.9/30

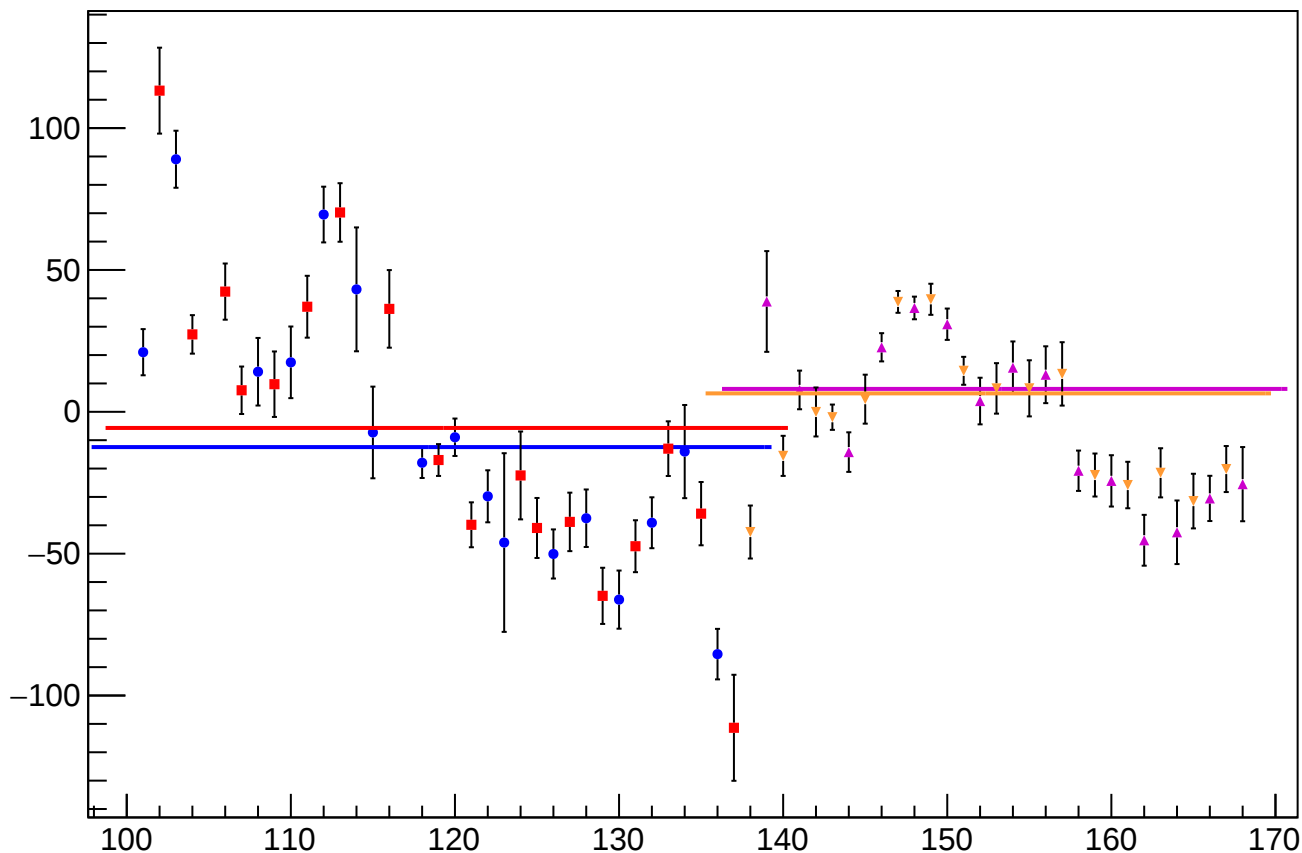
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -484.603+/-2.685 χ^2/NDF : 690.1/14

Out: -448.160+/-2.491 χ^2/NDF : 1699.8/15

All: -465.019+/-1.826 χ^2/NDF : 2488.9/30

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: 6.497 ± 1.682 χ^2/NDF : 218.1/15

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 8.075 ± 1.851 χ^2/NDF : 206.4/14

Left: 7.211 ± 1.245 χ^2/NDF : 424.9/30

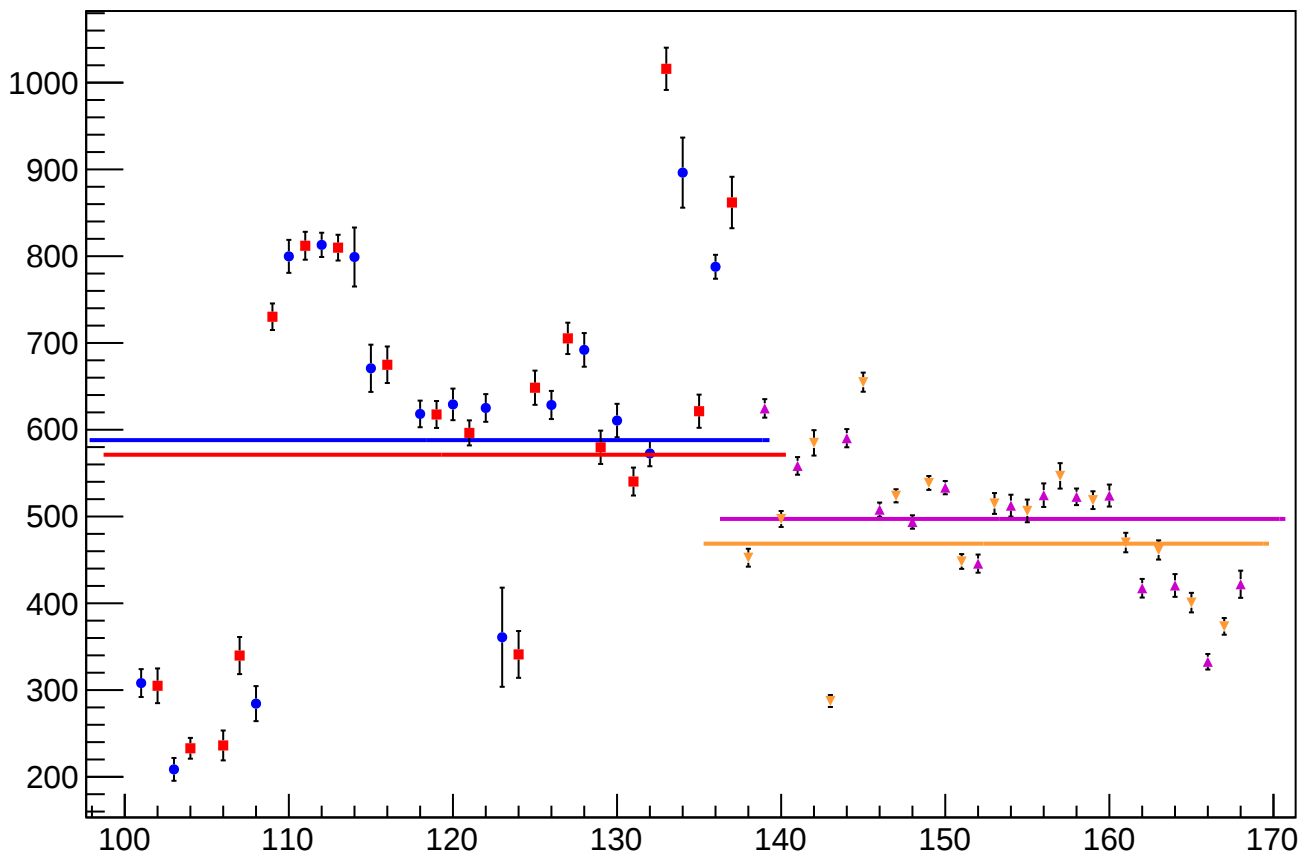
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 0.076 ± 1.446 χ^2/NDF : 594.5/31

Out: 2.160 ± 1.350 χ^2/NDF : 570.4/33

All: 1.189 ± 0.987 χ^2/NDF : 1166.0/65

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: 468.707 $\pm$ 2.472 χ^2 /NDF:1394.5/15

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 497.219 $\pm$ 2.623 χ^2 /NDF:772.6/14

Left: 482.120 $\pm$ 1.799 χ^2 /NDF: 2229.6/30

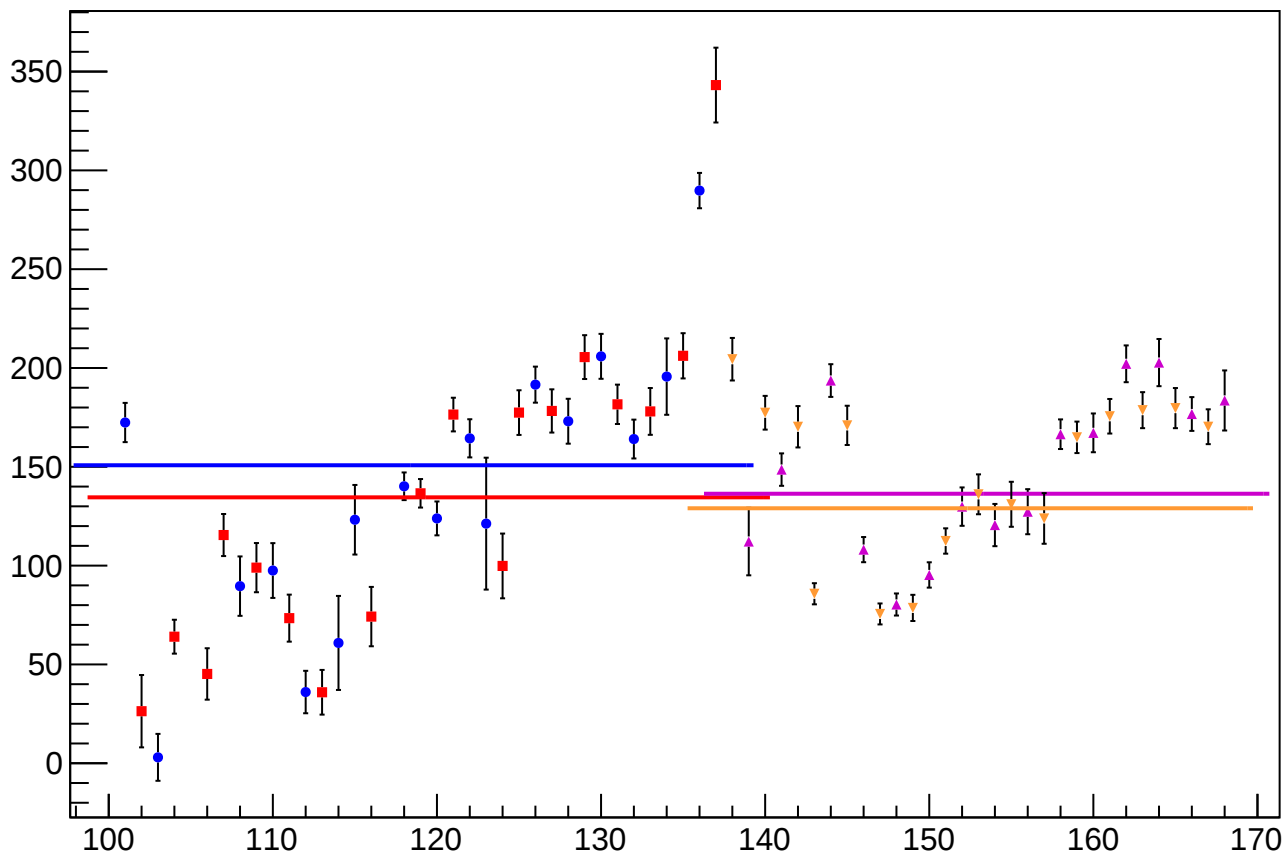
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 521.610 $\pm$ 2.243 χ^2 /NDF:3222.3/31

Out: 495.548 $\pm$ 2.124 χ^2 /NDF:4524.9/33

All: 507.867 $\pm$ 1.542 χ^2 /NDF: 7818.3/65

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: 129.020 $\pm$ 2.015 χ^2 /NDF:472.1/15

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 136.372 $\pm$ 2.205 χ^2 /NDF:355.7/14

Left: 132.366 $\pm$ 1.487 χ^2 /NDF: 833.9/30

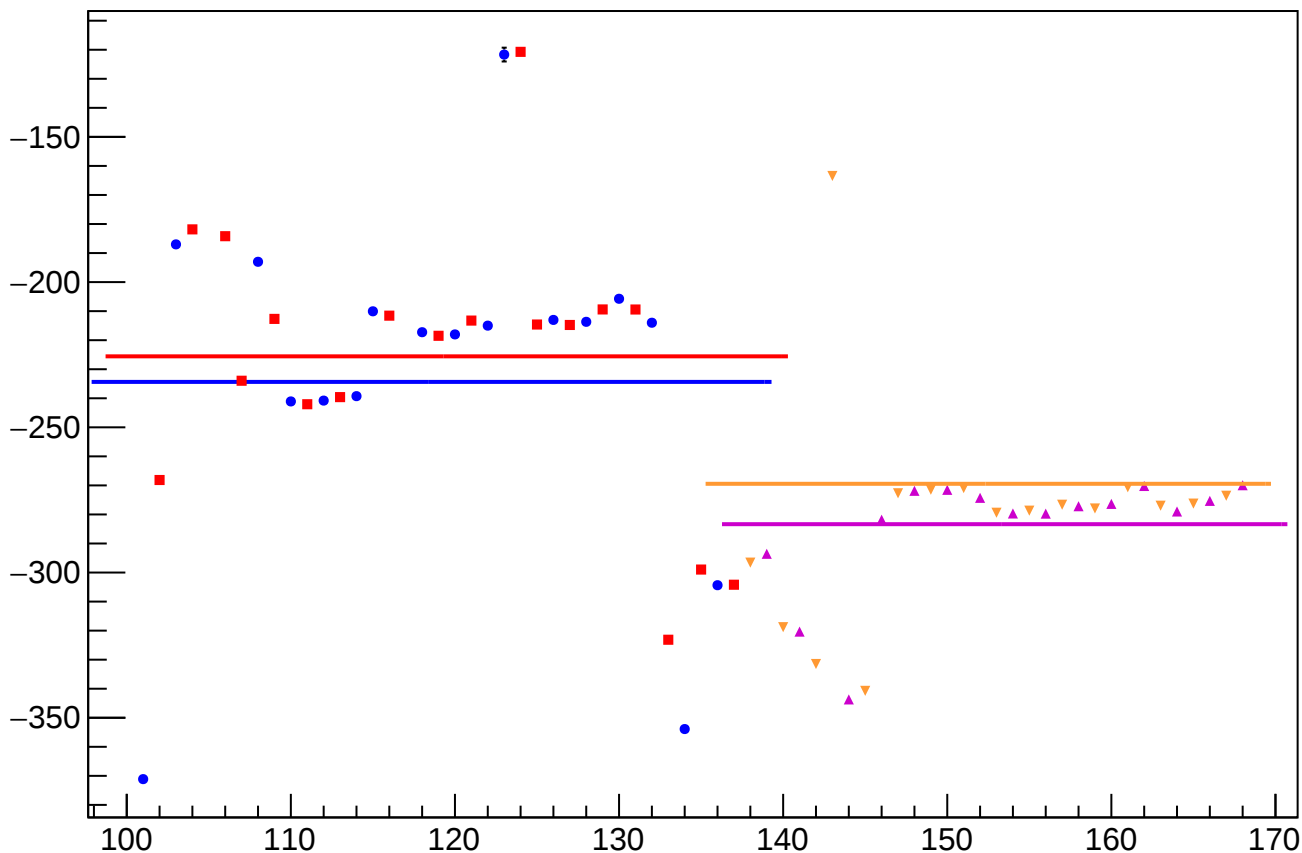
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 142.191 $\pm$ 1.702 χ^2 /NDF:1006.1/31

Out: 131.075 $\pm$ 1.597 χ^2 /NDF:1051.1/33

All: 136.278 $\pm$ 1.165 χ^2 /NDF: 2079.9/65

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2 /NDF: 145159.1/16

Left Out: -269.446+/-0.100 χ^2 /NDF: 205085.5/15

Right Out: -225.561+/-0.142 χ^2 /NDF: 92955.0/17

Left In: -283.348+/-0.105 χ^2 /NDF: 31777.6/14

Left: -276.018+/-0.072 χ^2 /NDF: 246041.7/30

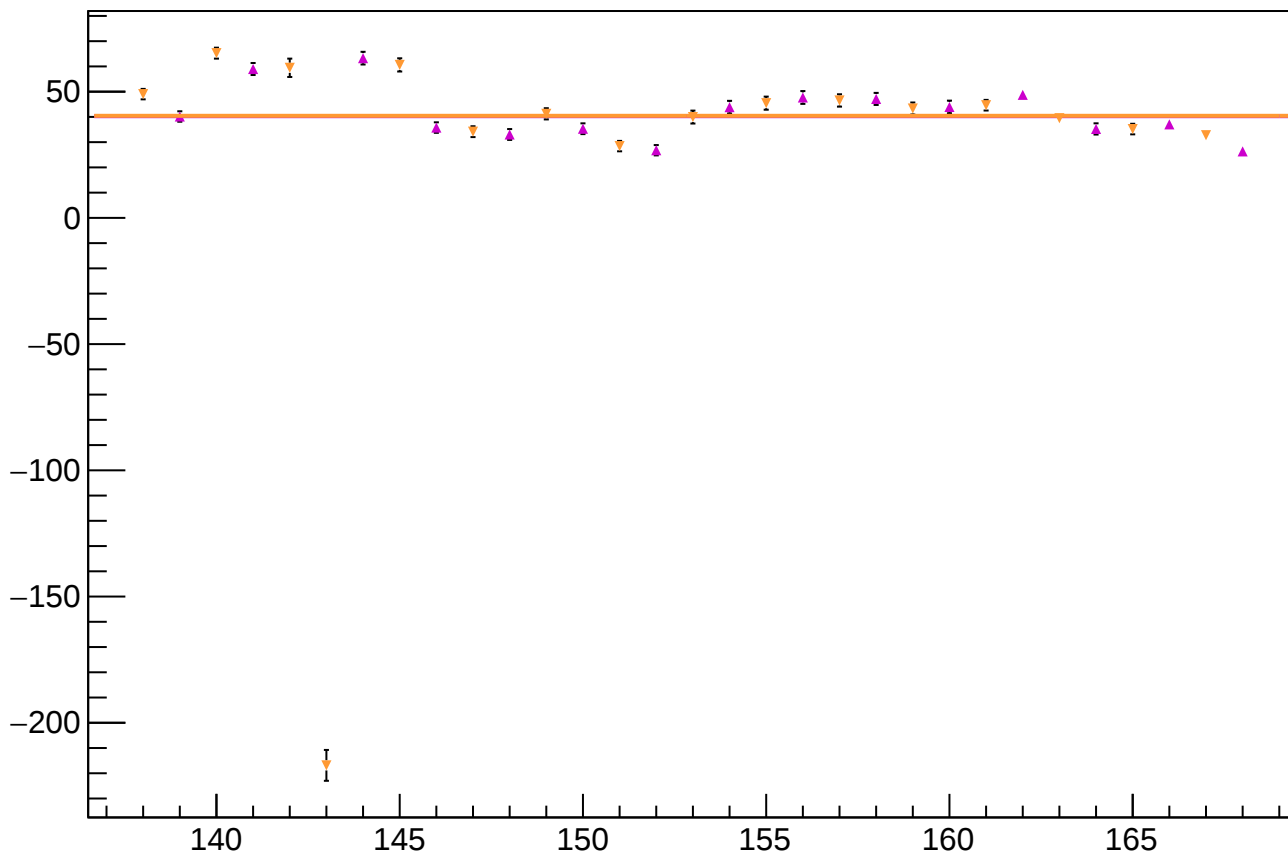
Right: -229.762+/-0.103 χ^2 /NDF: 239949.0/34

In: -266.941+/-0.086 χ^2 /NDF: 249335.3/31

Out: -254.932+/-0.082 χ^2 /NDF: 362029.4/33

All: -260.628+/-0.059 χ^2 /NDF: 621632.9/65

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.439+/-0.576 χ^2/NDF :2090.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.284+/-0.563 χ^2/NDF :313.0/14

Left: 40.360+/-0.403 χ^2/NDF : 2403.7/30

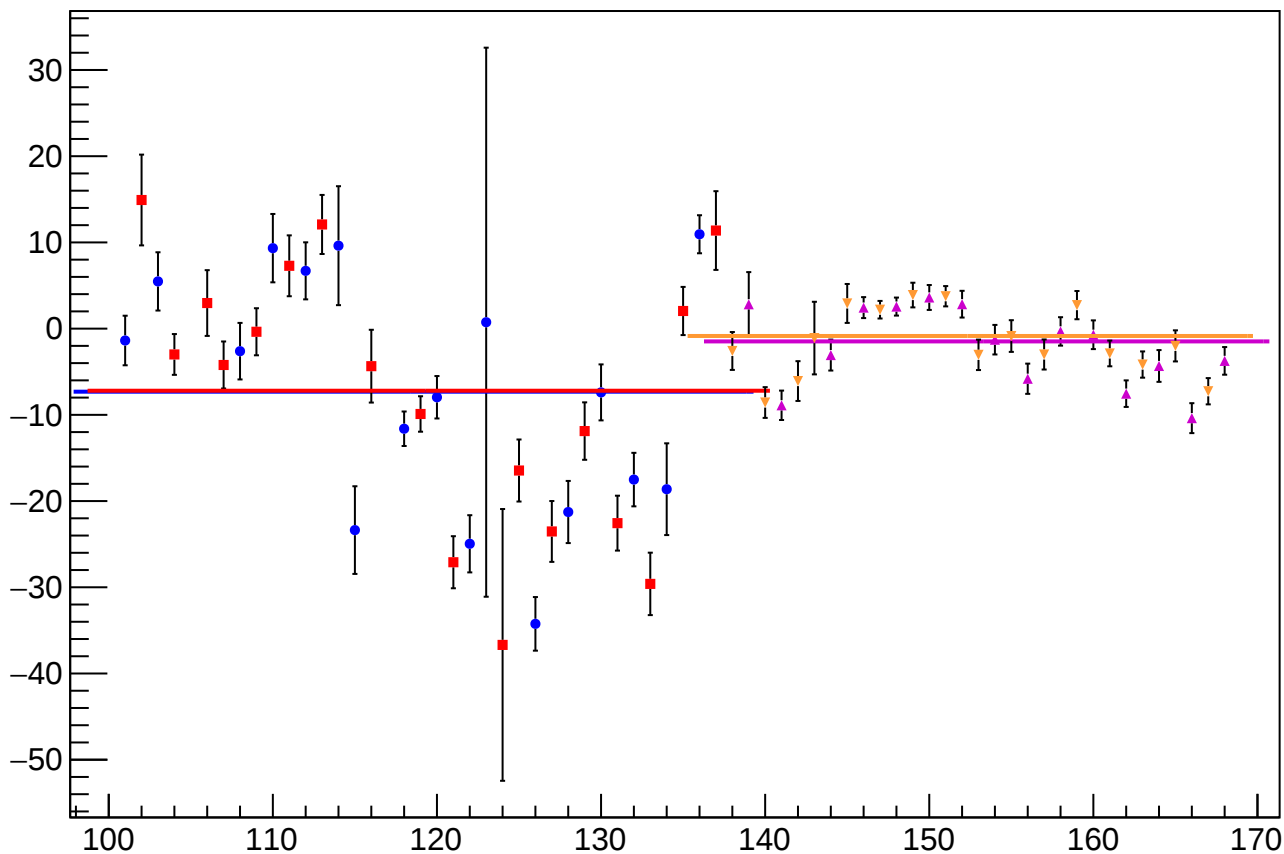
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.284+/-0.563 χ^2/NDF :313.0/14

Out: 40.439+/-0.576 χ^2/NDF :2090.7/15

All: 40.360+/-0.403 χ^2/NDF : 2403.7/30

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -0.852 ± 0.406 χ^2/NDF : 95.1/15

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -1.483 ± 0.407 χ^2/NDF : 119.5/14

Left: -1.166 ± 0.287 χ^2/NDF : 215.8/30

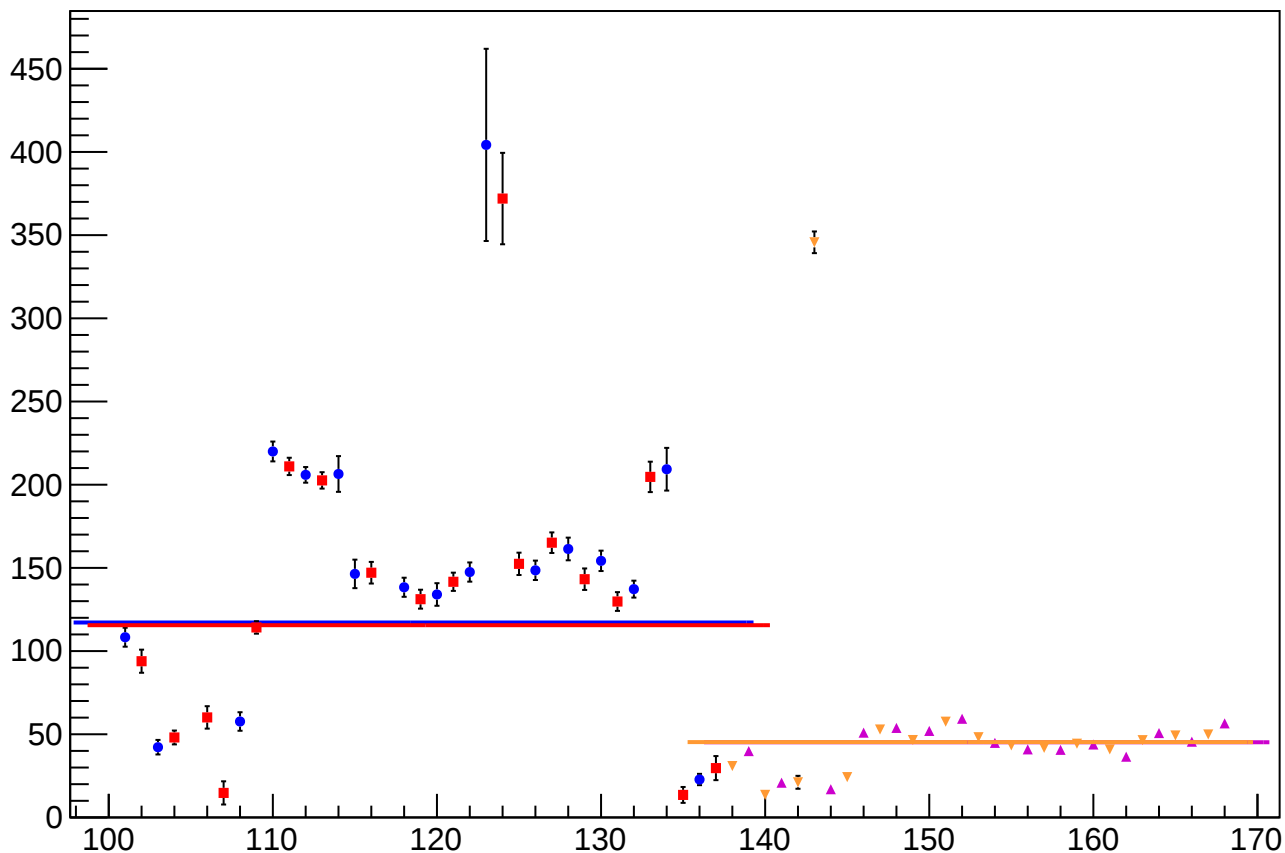
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.729 ± 0.361 χ^2/NDF : 442.5/31

Out: -2.255 ± 0.358 χ^2/NDF : 401.3/33

All: -2.490 ± 0.254 χ^2/NDF : 844.7/65

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 45.295 $\pm$ 0.564 χ^2 /NDF:2525.2/15

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 45.198 $\pm$ 0.550 χ^2 /NDF:370.1/14

Left: 45.245 $\pm$ 0.394 χ^2 /NDF: 2895.3/30

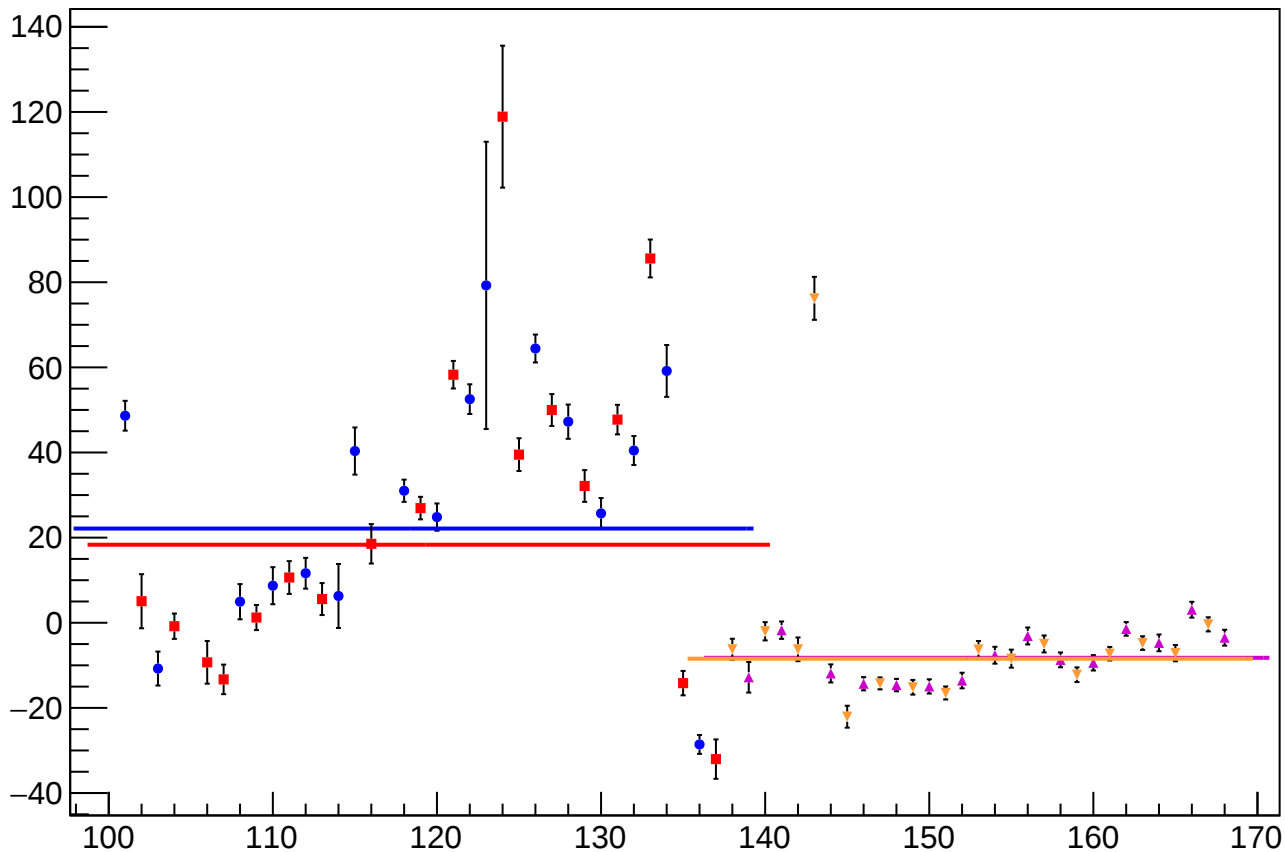
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 54.700 $\pm$ 0.513 χ^2 /NDF:4787.3/31

Out: 55.557 $\pm$ 0.521 χ^2 /NDF:6943.0/33

All: 55.122 $\pm$ 0.365 χ^2 /NDF: 11731.6/65

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -8.441 $\pm$ 0.474 χ^2 /NDF:418.4/15

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -8.231 $\pm$ 0.474 χ^2 /NDF:145.6/14

Left: -8.336 $\pm$ 0.335 χ^2 /NDF: 564.0/30

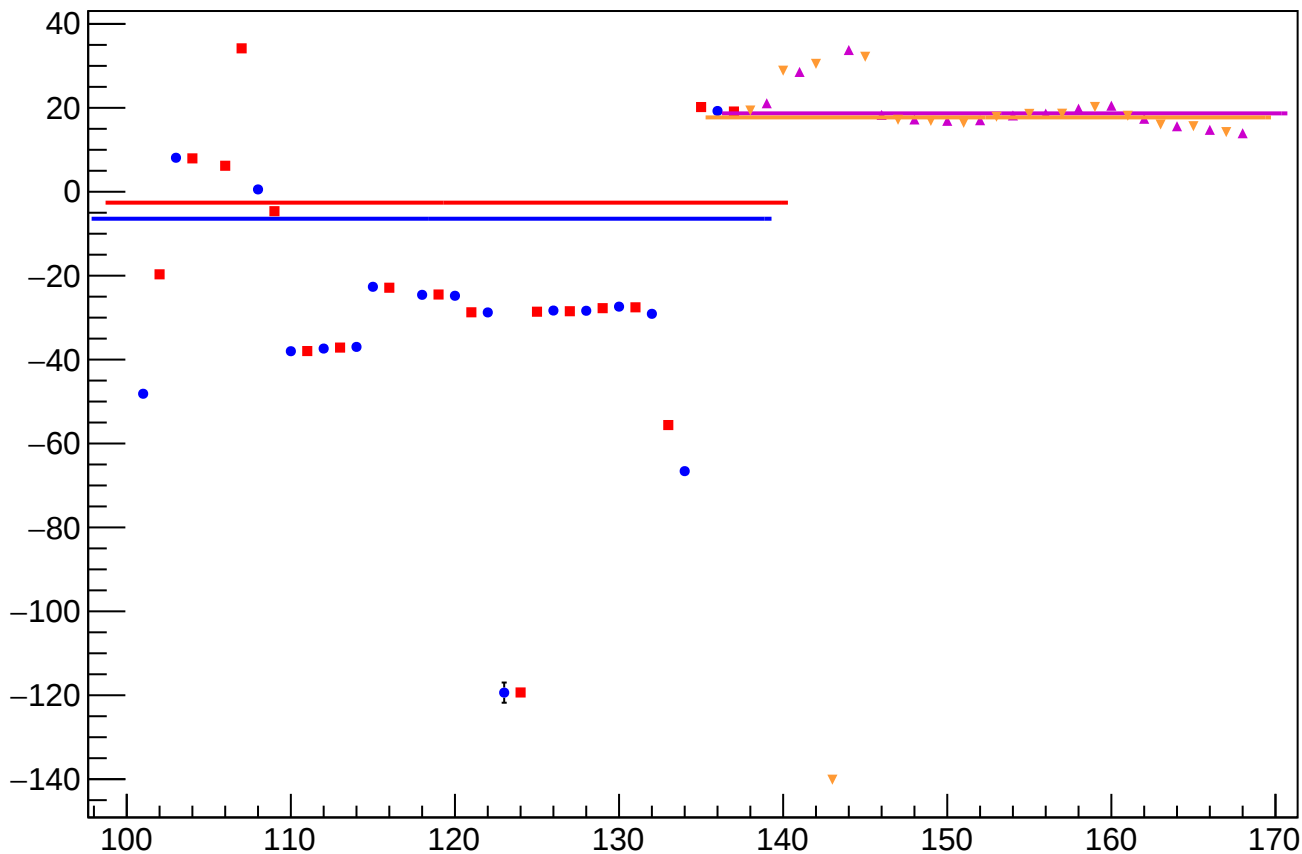
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: -1.527 $\pm$ 0.419 χ^2 /NDF:2114.5/31

Out: -2.339 $\pm$ 0.416 χ^2 /NDF:2216.5/33

All: -1.935 $\pm$ 0.295 χ^2 /NDF: 4332.9/65

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: 17.719 ± 0.022 χ^2/NDF : 404482.3/15

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 18.680 ± 0.022 χ^2/NDF : 36470.8/14

Left: 18.211 ± 0.016 χ^2/NDF : 441912.6/30

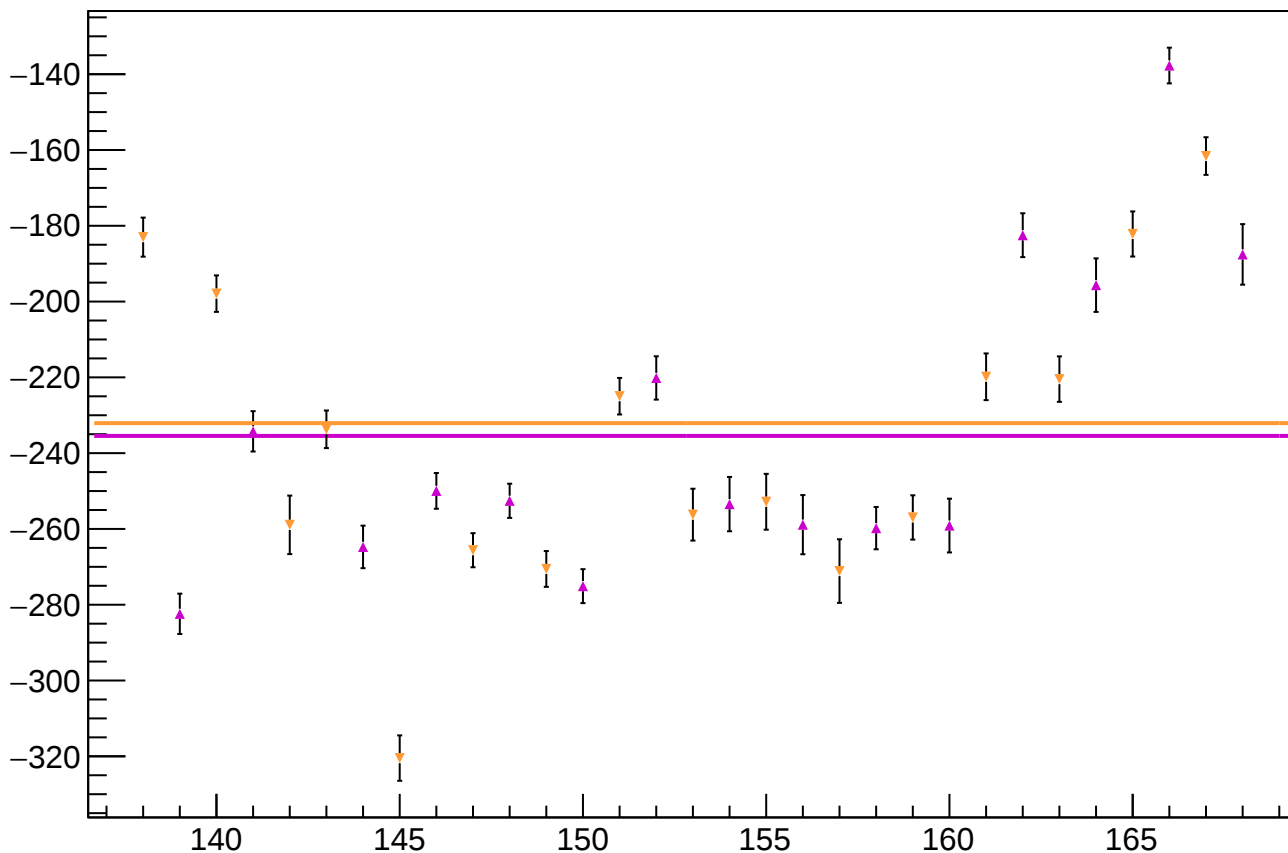
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 14.156 ± 0.020 χ^2/NDF : 543634.8/31

Out: 13.849 ± 0.020 χ^2/NDF : 827527.0/33

All: 14.005 ± 0.014 χ^2/NDF : 1371281.4/65

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -232.084+/-1.401 χ^2/NDF :834.9/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -235.451+/-1.451 χ^2/NDF :841.3/14

Left: -233.709+/-1.008 χ^2/NDF : 1679.0/30

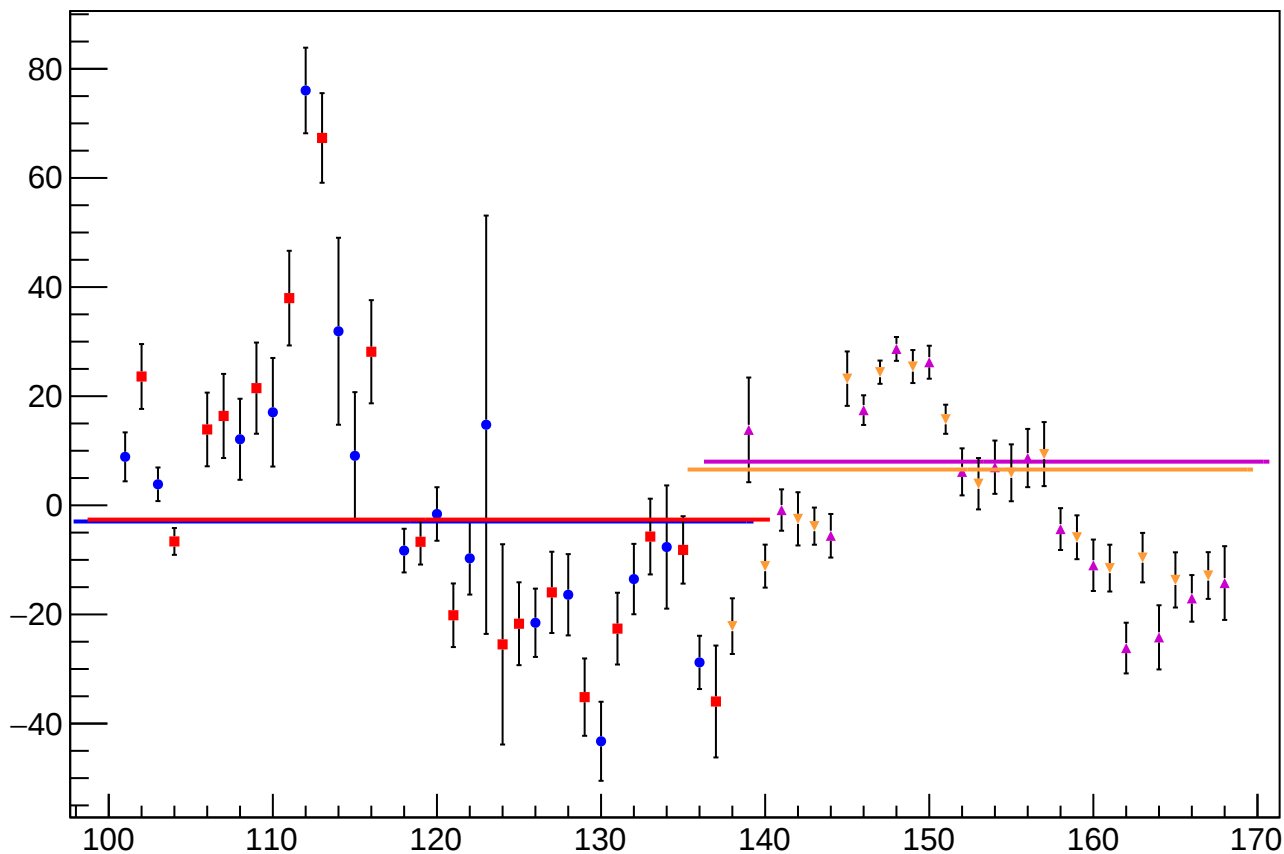
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -235.451+/-1.451 χ^2/NDF :841.3/14

Out: -232.084+/-1.401 χ^2/NDF :834.9/15

All: -233.709+/-1.008 χ^2/NDF : 1679.0/30

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 6.558 ± 0.949 χ^2/NDF : 273.8/15

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 8.003 ± 1.004 χ^2/NDF : 311.3/14

Left: 7.240 ± 0.689 χ^2/NDF : 586.2/30

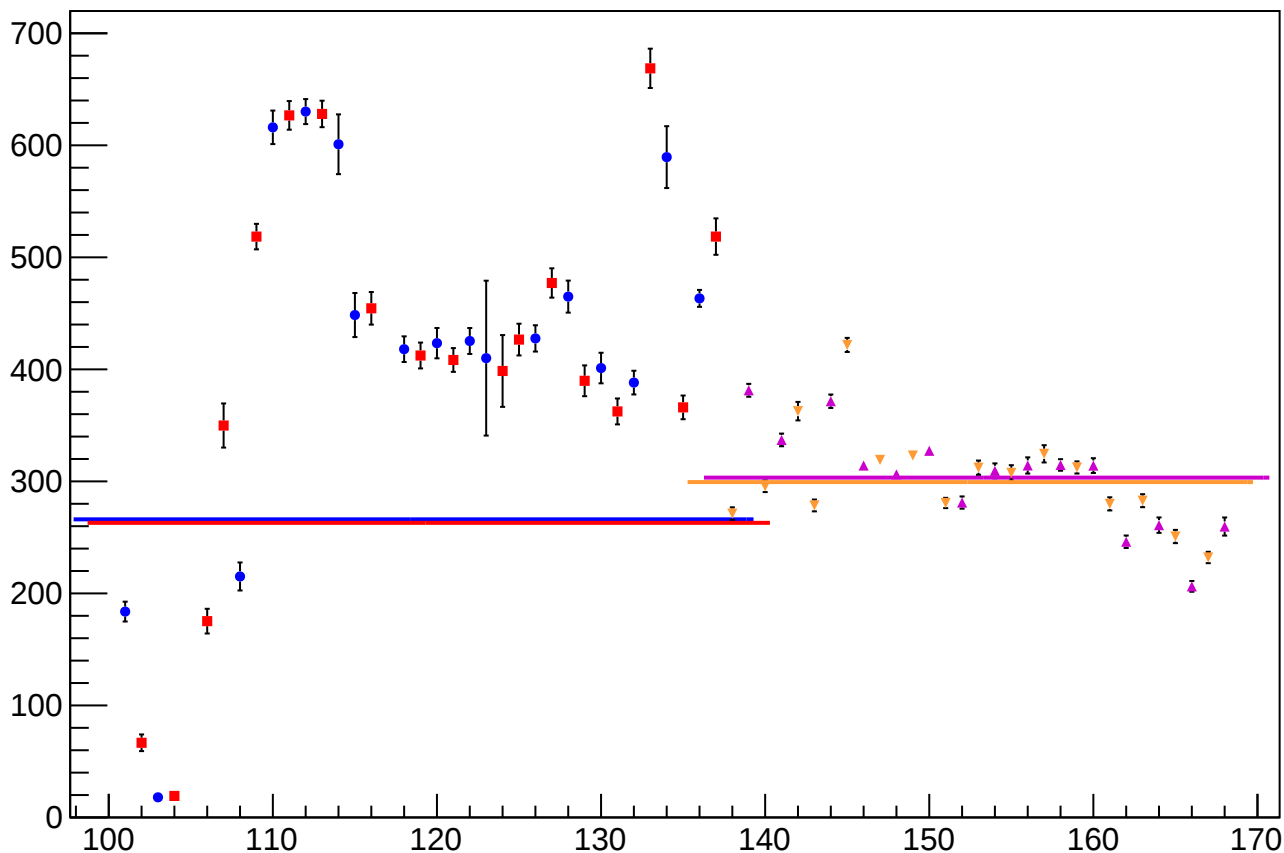
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 4.459 ± 0.826 χ^2/NDF : 553.4/31

Out: 3.668 ± 0.785 χ^2/NDF : 513.8/33

All: 4.044 ± 0.569 χ^2/NDF : 1067.7/65

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111+/-2.480 χ^2/NDF : 7644.0/16

Left Out: 299.367+/-1.381 χ^2/NDF : 830.3/15

Right Out: 263.003+/-2.467 χ^2/NDF : 8172.0/17

Left In: 303.359+/-1.416 χ^2/NDF : 995.2/14

Left: 301.314+/-0.989 χ^2/NDF : 1829.5/30

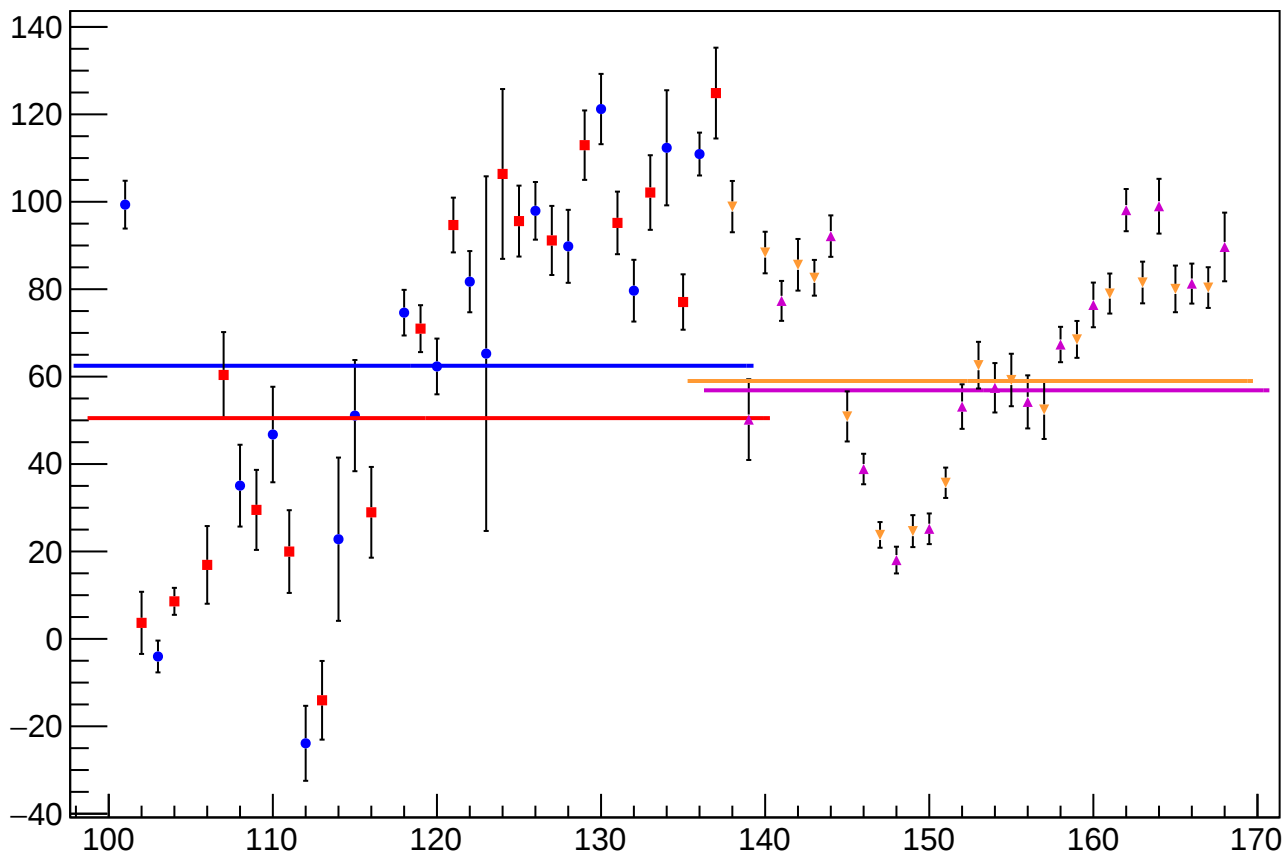
Right: 264.548+/-1.749 χ^2/NDF : 15816.8/34

In: 294.204+/-1.230 χ^2/NDF : 8809.3/31

Out: 290.684+/-1.205 χ^2/NDF : 9167.7/33

All: 292.409+/-0.861 χ^2/NDF : 17981.2/65

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 59.001 ± 1.132 $\chi^2/\text{NDF}: 501.4/15$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 56.865 ± 1.193 $\chi^2/\text{NDF}: 531.4/14$

Left: 57.988 ± 0.821 $\chi^2/\text{NDF}: 1034.5/30$

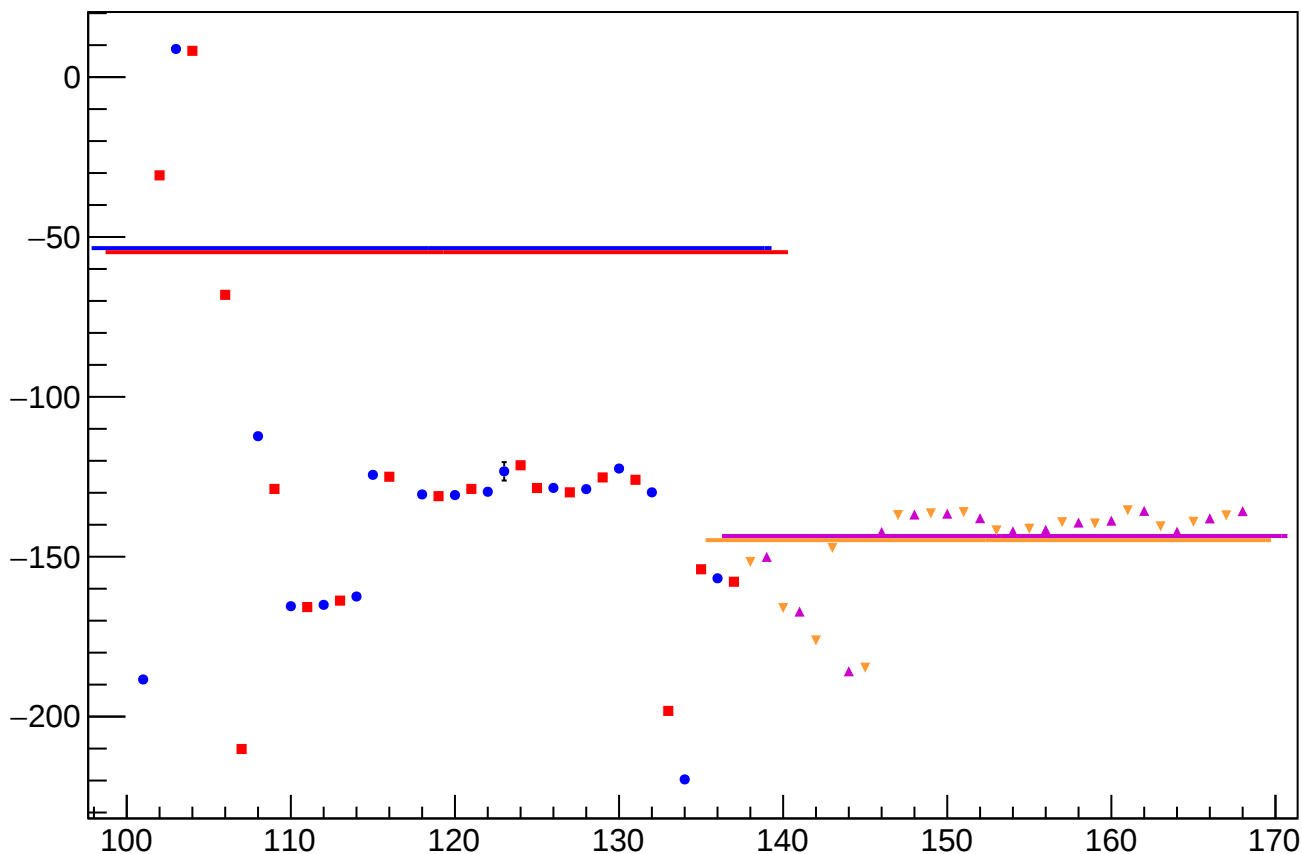
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 58.747 ± 0.973 $\chi^2/\text{NDF}: 1259.6/31$

Out: 56.268 ± 0.933 $\chi^2/\text{NDF}: 1170.1/33$

All: 57.455 ± 0.673 $\chi^2/\text{NDF}: 2433.1/65$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -144.815 ± 0.056 $\chi^2/\text{NDF}: 55832.1/15$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -143.519 ± 0.057 $\chi^2/\text{NDF}: 44813.3/14$

Left: -144.180 ± 0.040 $\chi^2/\text{NDF}: 100911.5/30$

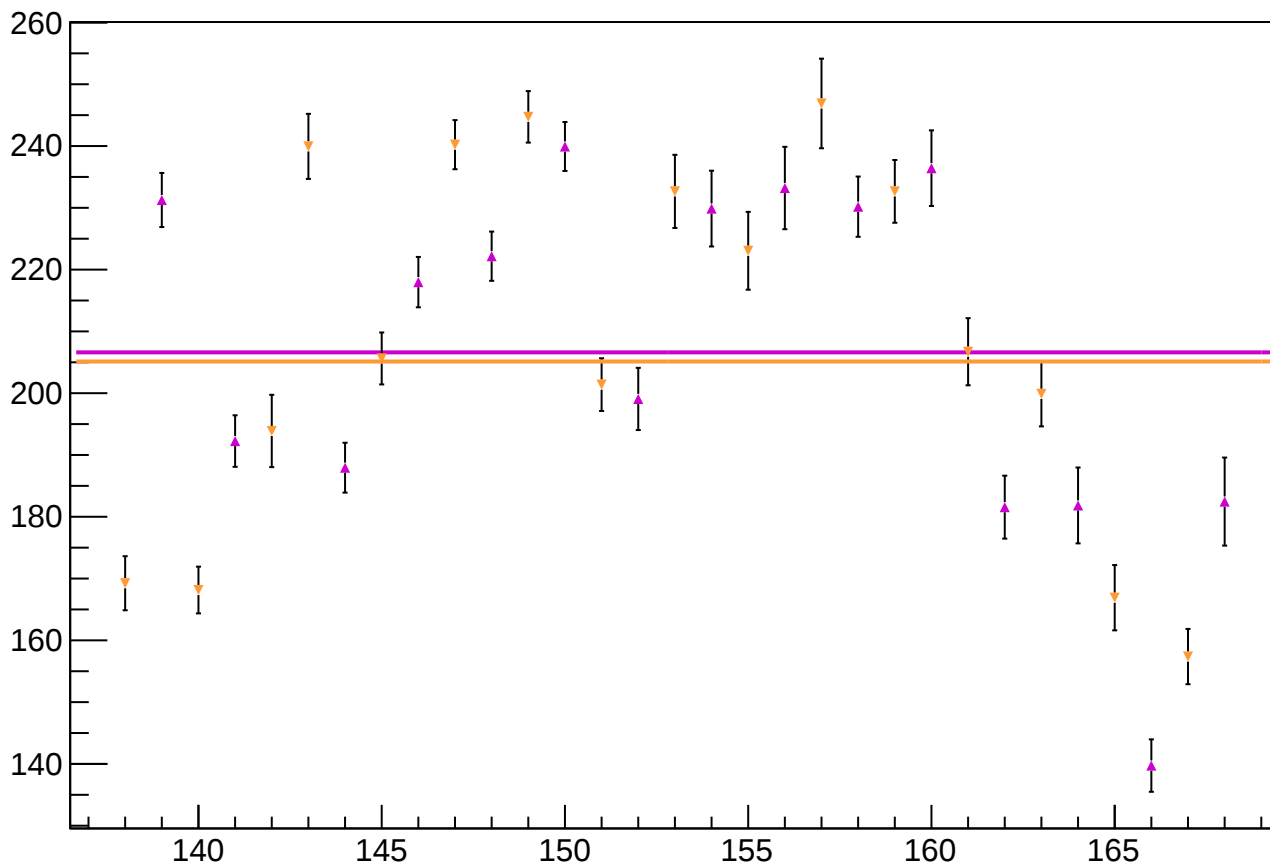
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -108.014 ± 0.044 $\chi^2/\text{NDF}: 2266803.9/31$

Out: -111.253 ± 0.044 $\chi^2/\text{NDF}: 1986391.4/33$

All: -109.638 ± 0.031 $\chi^2/\text{NDF}: 4255892.4/65$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.127+/-1.206 χ^2/NDF :638.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.607+/-1.235 χ^2/NDF :538.9/14

Left: 205.850+/-0.863 χ^2/NDF : 1178.4/30

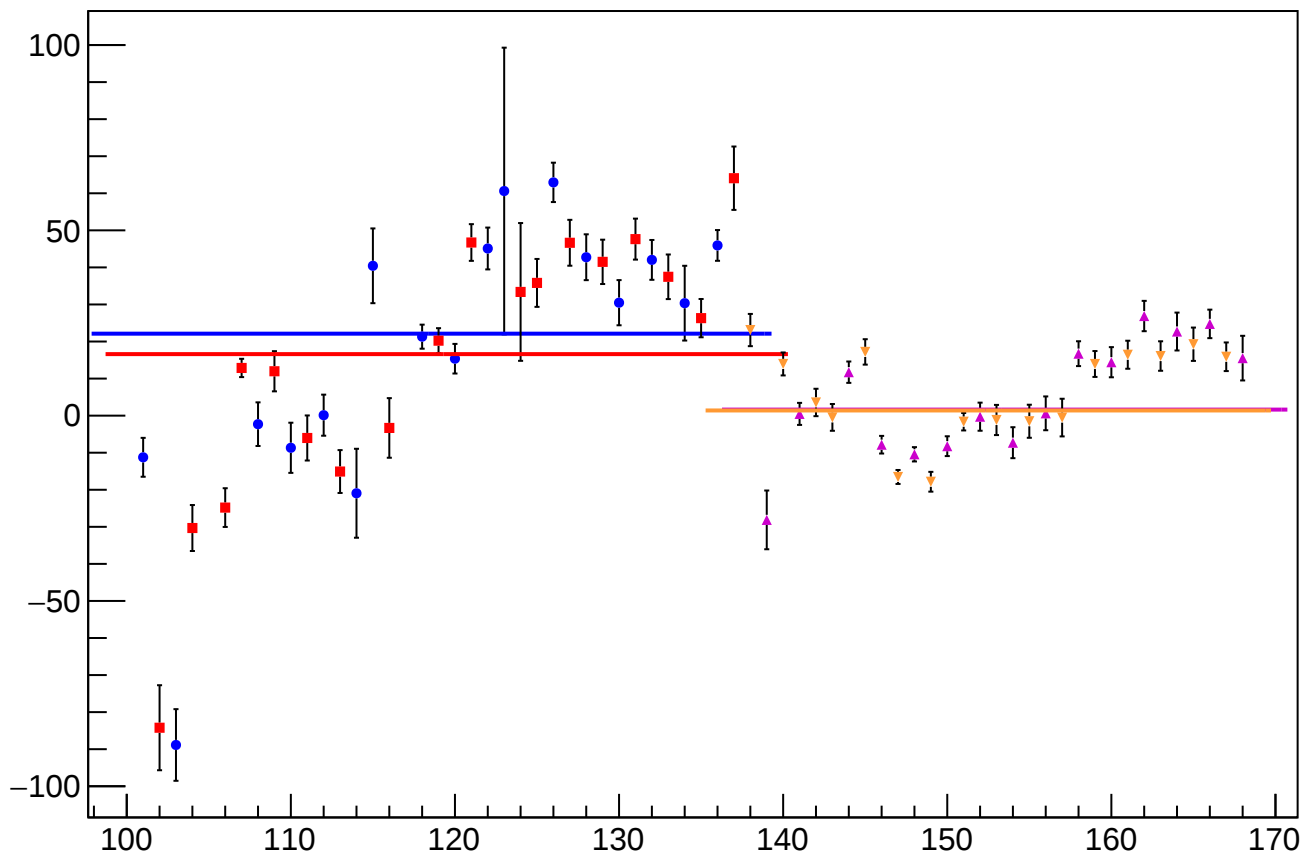
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.607+/-1.235 χ^2/NDF :538.9/14

Out: 205.127+/-1.206 χ^2/NDF :638.7/15

All: 205.850+/-0.863 χ^2/NDF : 1178.4/30

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: 1.398+/-0.823 χ^2/NDF : 280.5/15

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: 1.631+/-0.860 χ^2/NDF : 226.6/14

Left: 1.510+/-0.595 χ^2/NDF : 507.2/30

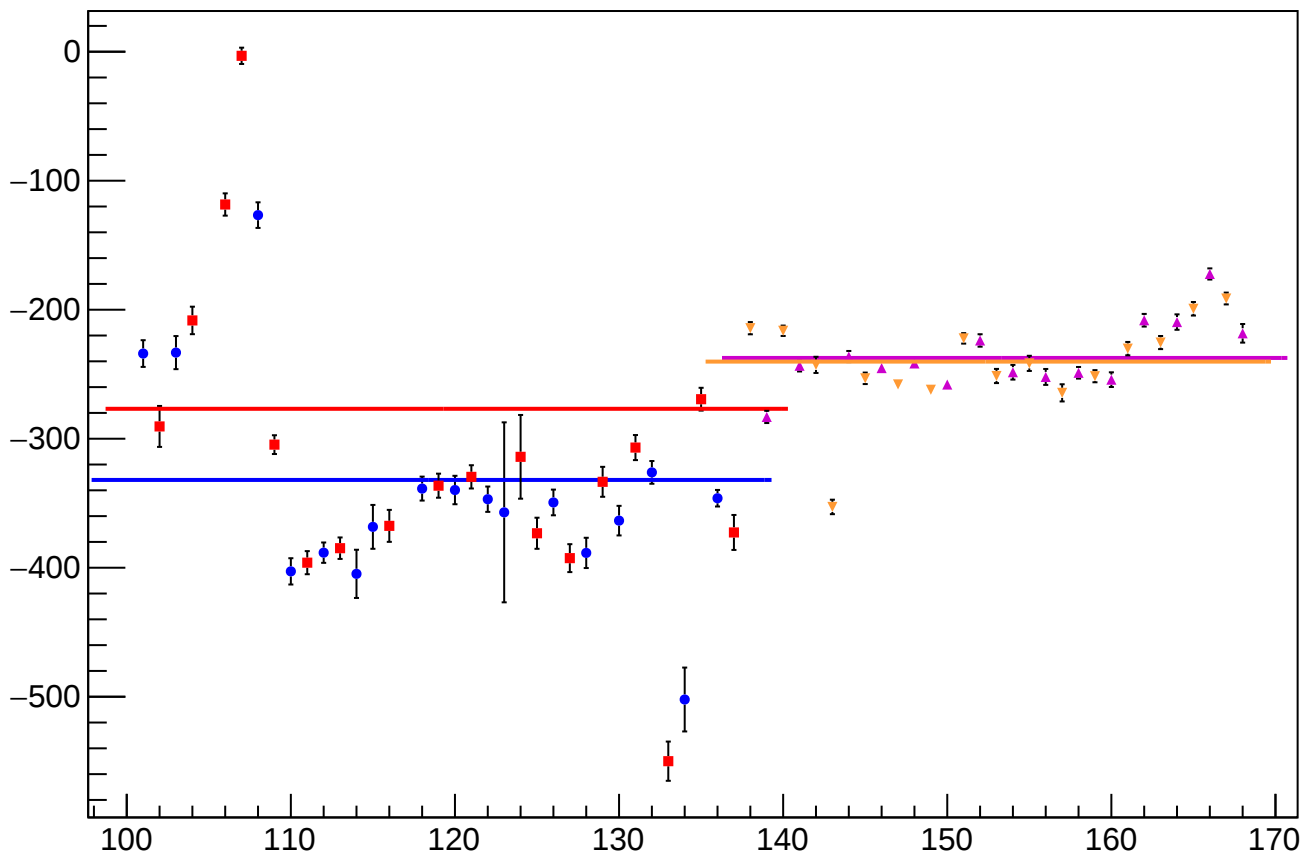
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 7.384+/-0.729 χ^2/NDF : 767.9/31

Out: 6.109+/-0.684 χ^2/NDF : 803.0/33

All: 6.706+/-0.499 χ^2/NDF : 1572.5/65

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: -240.218 $\pm$ 1.193 χ^2 /NDF: 759.8/15

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -237.382 $\pm$ 1.211 χ^2 /NDF: 455.3/14

Left: -238.821 $\pm$ 0.850 χ^2 /NDF: 1217.9/30

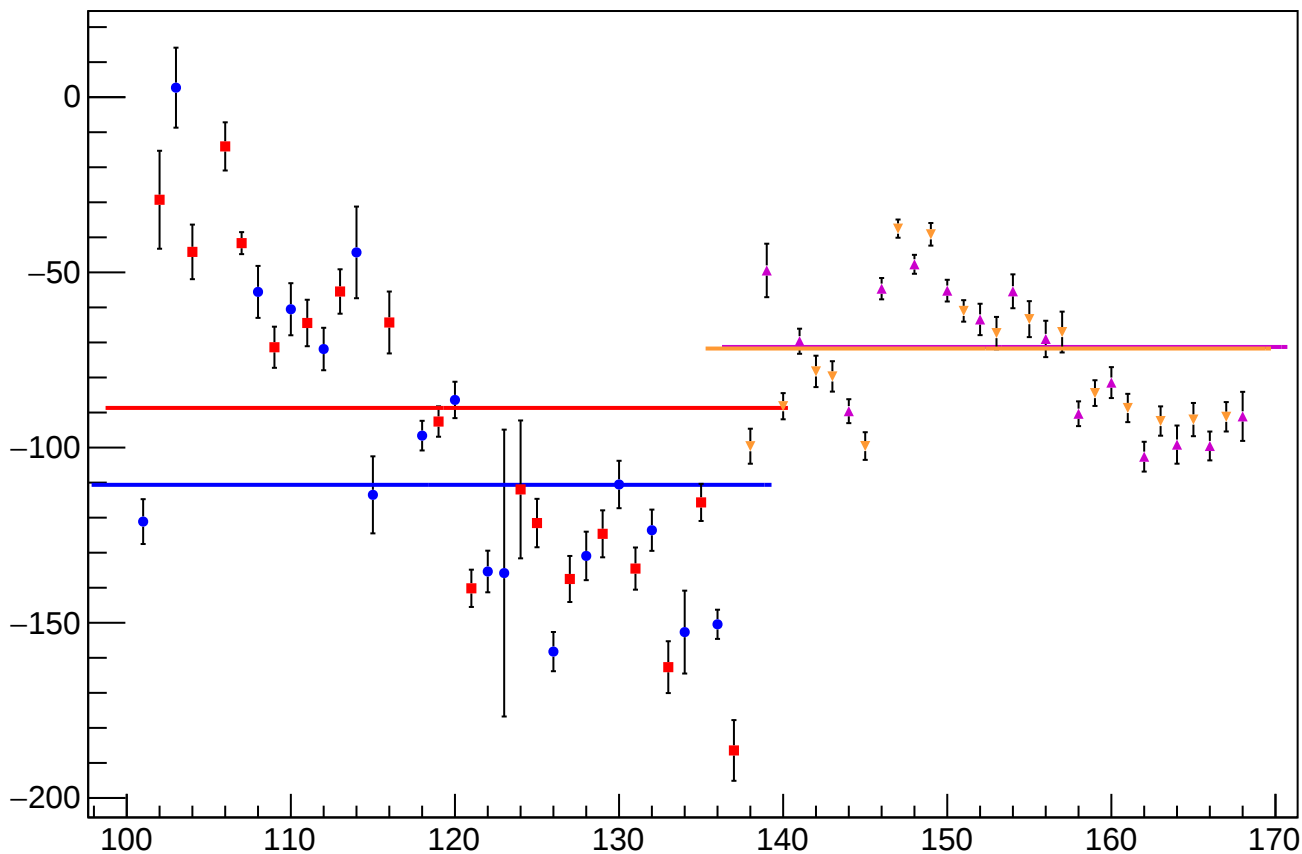
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -254.591 $\pm$ 1.095 χ^2 /NDF: 2350.9/31

Out: -247.823 $\pm$ 1.062 χ^2 /NDF: 4285.6/33

All: -251.104 $\pm$ 0.762 χ^2 /NDF: 6656.2/65

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: -71.734+/-0.982 χ^2 /NDF: 491.7/15

Right Out: -88.683+/-1.434 χ^2 /NDF: 964.0/17

Left In: -71.284+/-1.021 χ^2 /NDF: 354.2/14

Left: -71.518+/-0.708 χ^2 /NDF: 846.0/30

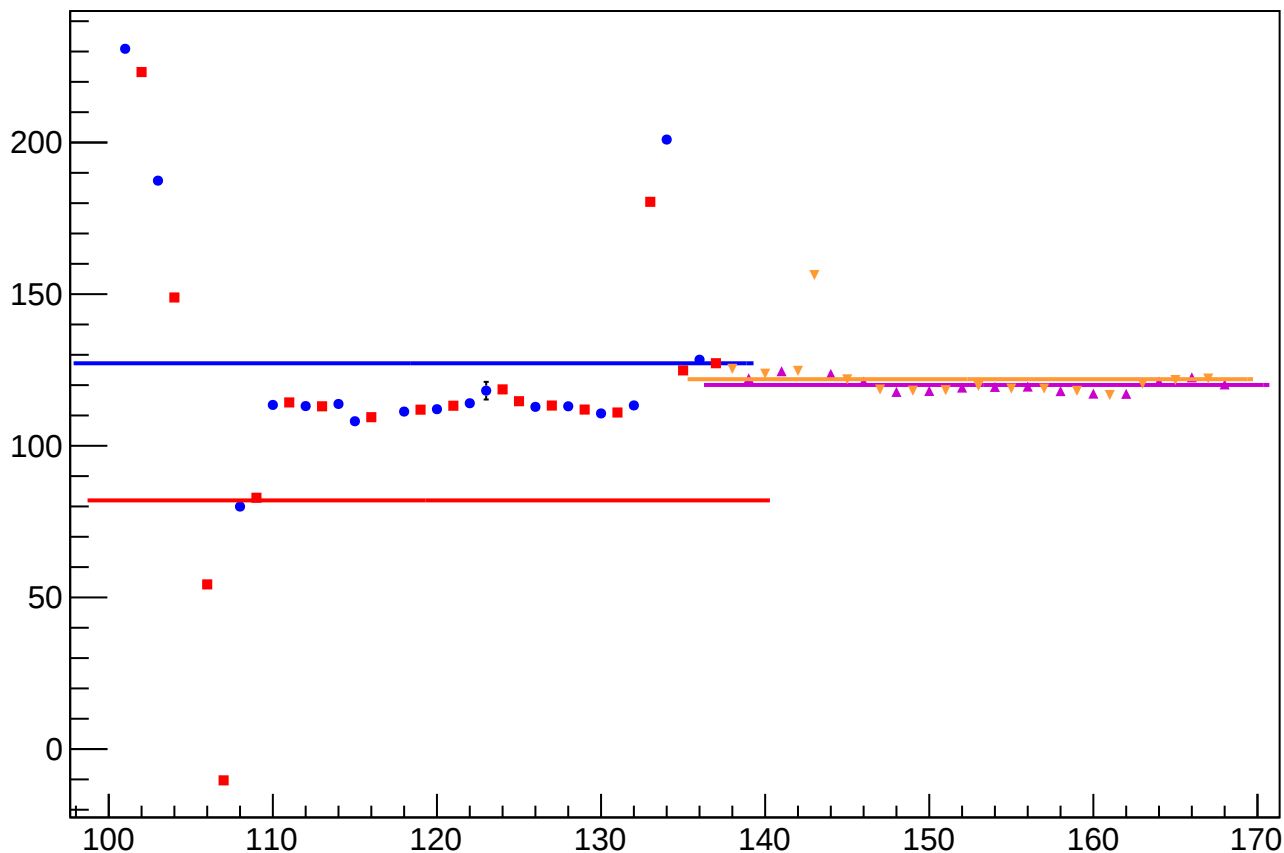
Right: -98.593+/-1.062 χ^2 /NDF: 1578.5/34

In: -82.860+/-0.858 χ^2 /NDF: 1300.2/31

Out: -77.141+/-0.810 χ^2 /NDF: 1550.7/33

All: -79.838+/-0.589 χ^2 /NDF: 2874.4/65

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: 121.958 $\pm$ 0.048 χ^2 /NDF: 26747.3/15

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.059 $\pm$ 0.049 χ^2 /NDF: 2383.4/14

Left: 121.019 $\pm$ 0.034 χ^2 /NDF: 29906.0/30

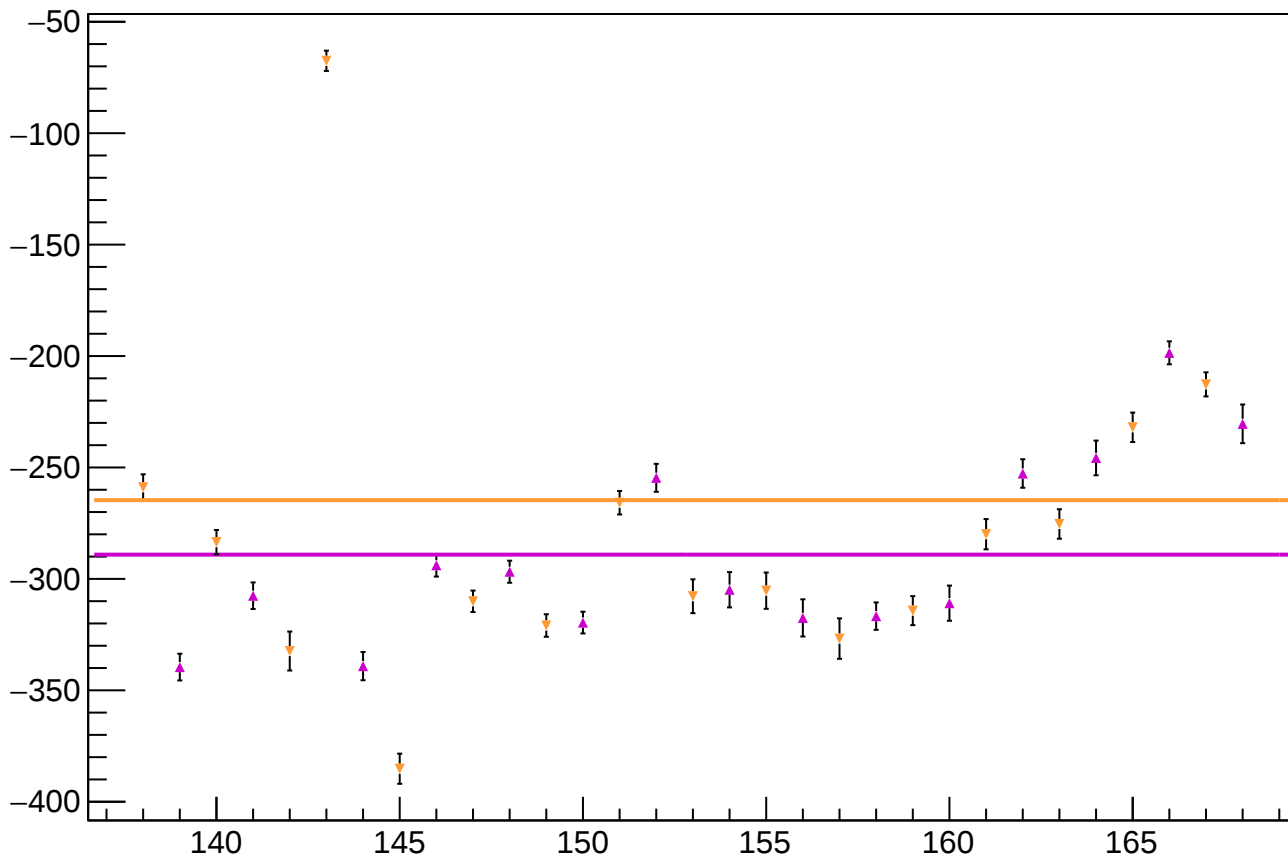
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.692 $\pm$ 0.043 χ^2 /NDF: 195368.3/31

Out: 110.463 $\pm$ 0.040 χ^2 /NDF: 976246.7/33

All: 115.791 $\pm$ 0.029 χ^2 /NDF: 1208115.6/65

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: -264.675+/-1.517 χ^2/NDF :2767.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -289.123+/-1.596 χ^2/NDF :676.8/14

Left: -276.279+/-1.099 χ^2/NDF : 3568.0/30

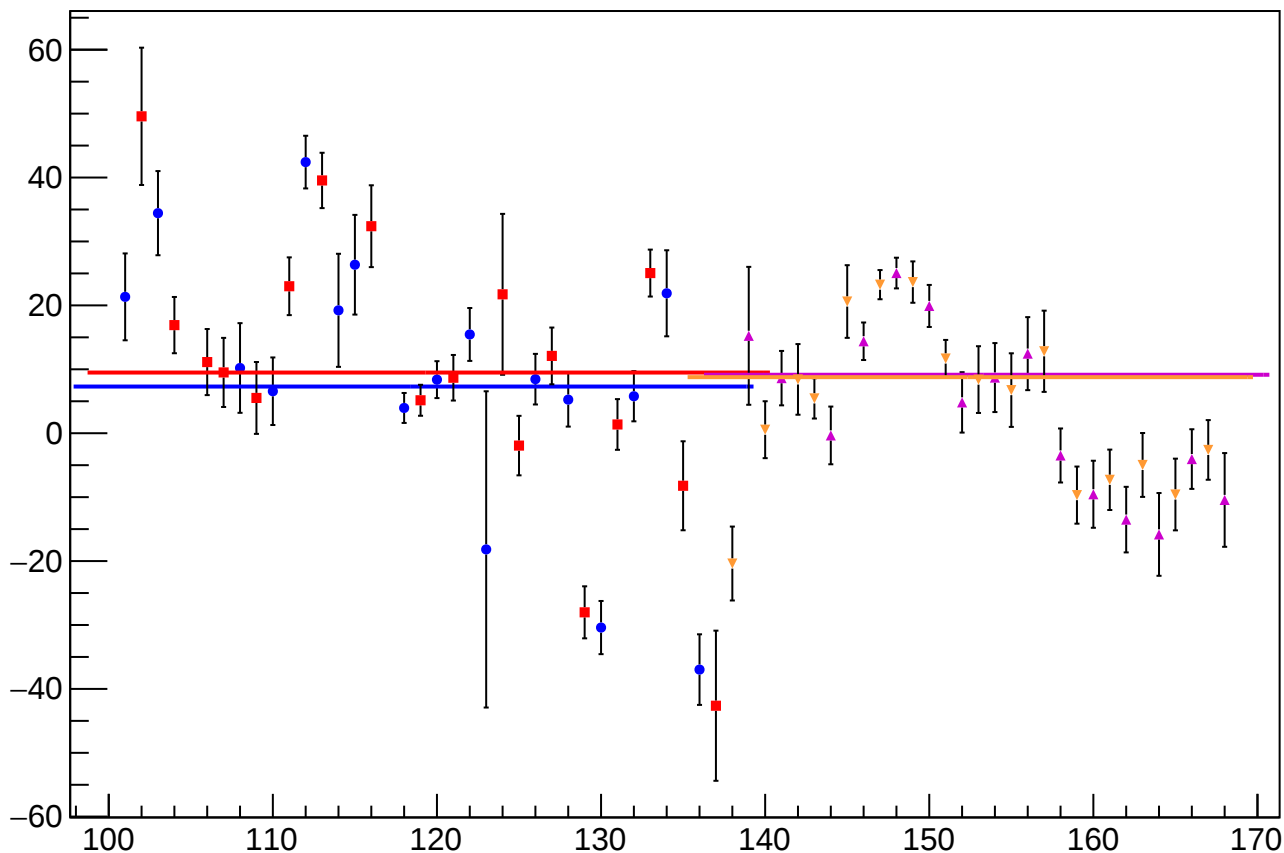
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -289.123+/-1.596 χ^2/NDF :676.8/14

Out: -264.675+/-1.517 χ^2/NDF :2767.8/15

All: -276.279+/-1.099 χ^2/NDF : 3568.0/30

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 8.771 $\pm$ 1.024 χ^2 /NDF:149.9/15

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 9.146 $\pm$ 1.102 χ^2 /NDF:134.9/14

Left: 8.945 $\pm$ 0.750 χ^2 /NDF: 284.9/30

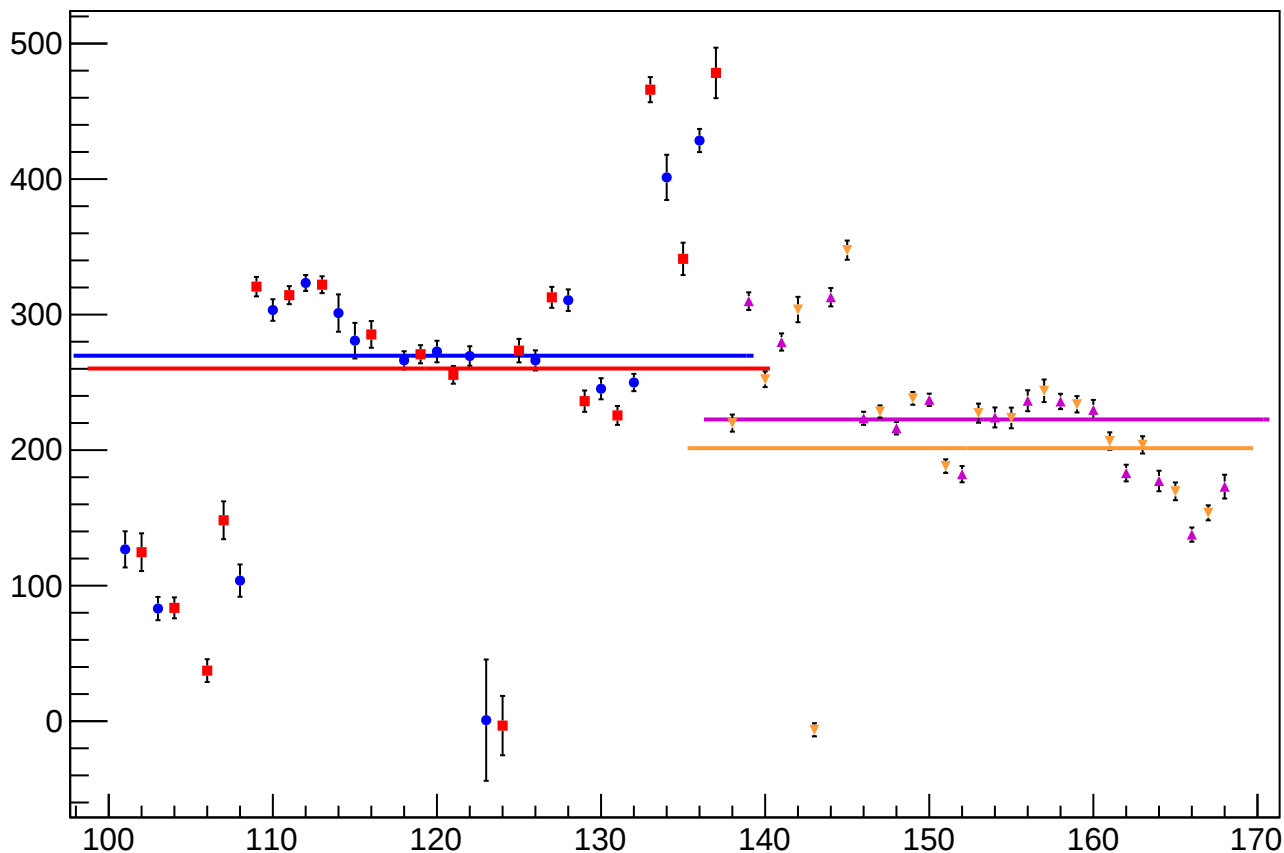
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 8.211 $\pm$ 0.773 χ^2 /NDF:397.0/31

Out: 9.115 $\pm$ 0.741 χ^2 /NDF:381.3/33

All: 8.682 $\pm$ 0.535 χ^2 /NDF: 779.0/65

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: 201.441 $\pm$ 1.497 χ^2 /NDF: 2743.0/15

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 222.635 $\pm$ 1.556 χ^2 /NDF: 876.8/14

Left: 211.629 $\pm$ 1.079 χ^2 /NDF: 3716.2/30

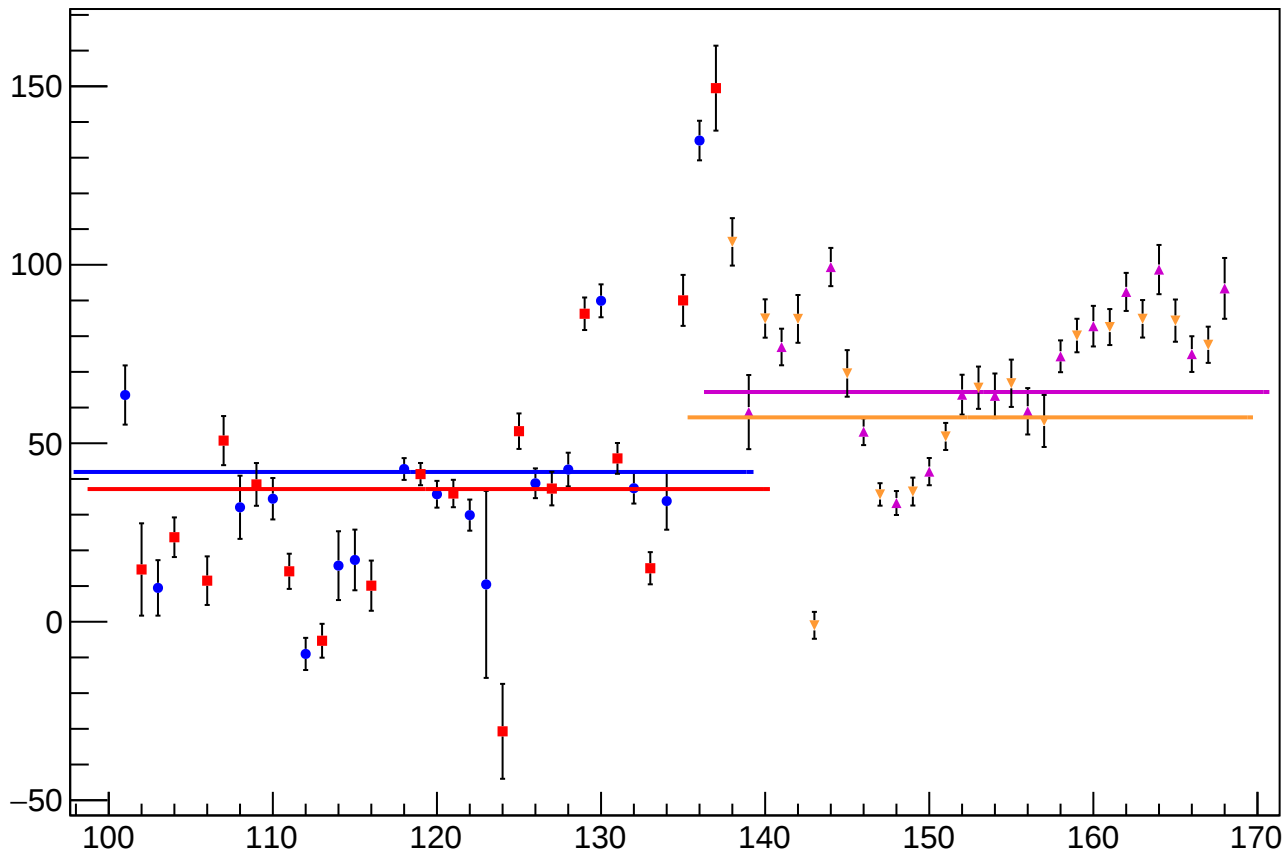
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 239.550 $\pm$ 1.245 χ^2 /NDF: 2582.0/31

Out: 222.838 $\pm$ 1.194 χ^2 /NDF: 5832.3/33

All: 230.843 $\pm$ 0.862 χ^2 /NDF: 8508.2/65

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 57.258 $\pm$ 1.224 χ^2 /NDF:535.8/15

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 64.361 $\pm$ 1.310 χ^2 /NDF:262.5/14

Left: 60.568 $\pm$ 0.894 χ^2 /NDF: 814.1/30

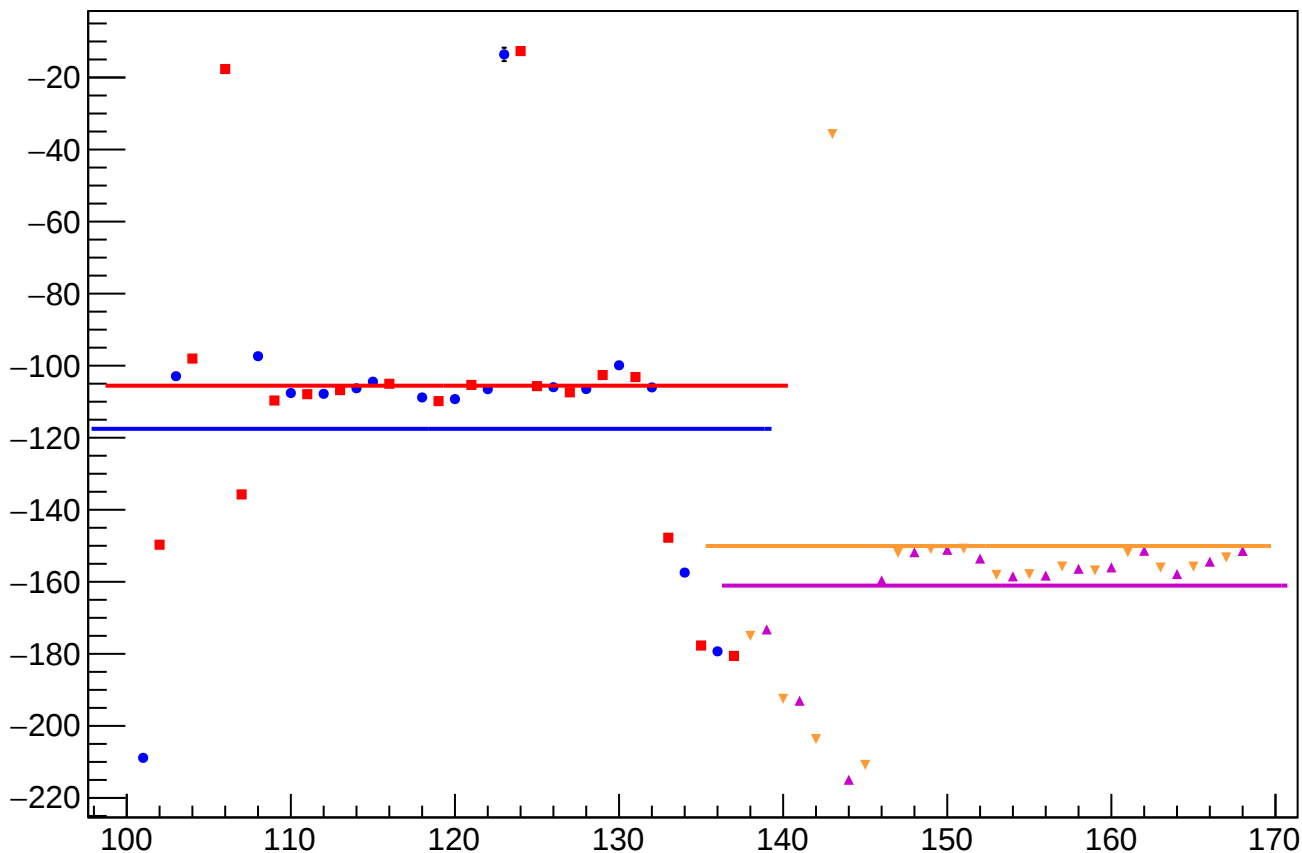
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 52.709 $\pm$ 0.907 χ^2 /NDF:988.9/31

Out: 47.316 $\pm$ 0.870 χ^2 /NDF:1140.1/33

All: 49.898 $\pm$ 0.628 χ^2 /NDF: 2147.4/65

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -150.064+/-0.060 χ^2/NDF : 454305.2/15

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -161.053+/-0.062 χ^2/NDF : 61462.1/14

Left: -155.370+/-0.043 χ^2/NDF : 531812.8/30

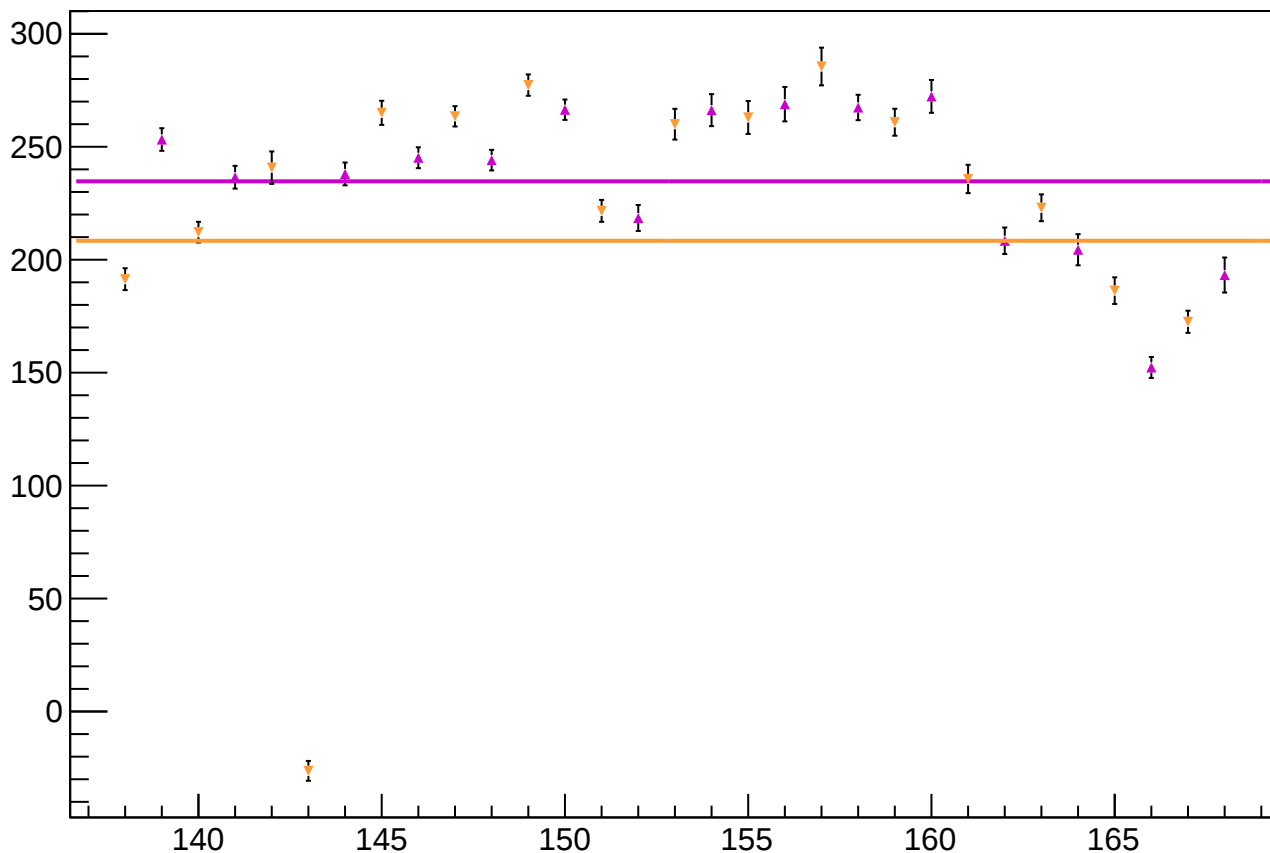
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -144.107+/-0.049 χ^2/NDF : 392982.6/31

Out: -131.981+/-0.046 χ^2/NDF : 993223.3/33

All: -137.751+/-0.034 χ^2/NDF : 1418638.8/65

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: 208.393+/-1.360 χ^2/NDF :3735.7/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 234.715+/-1.424 χ^2/NDF :563.6/14

Left: 220.955+/-0.984 χ^2/NDF : 4478.0/30

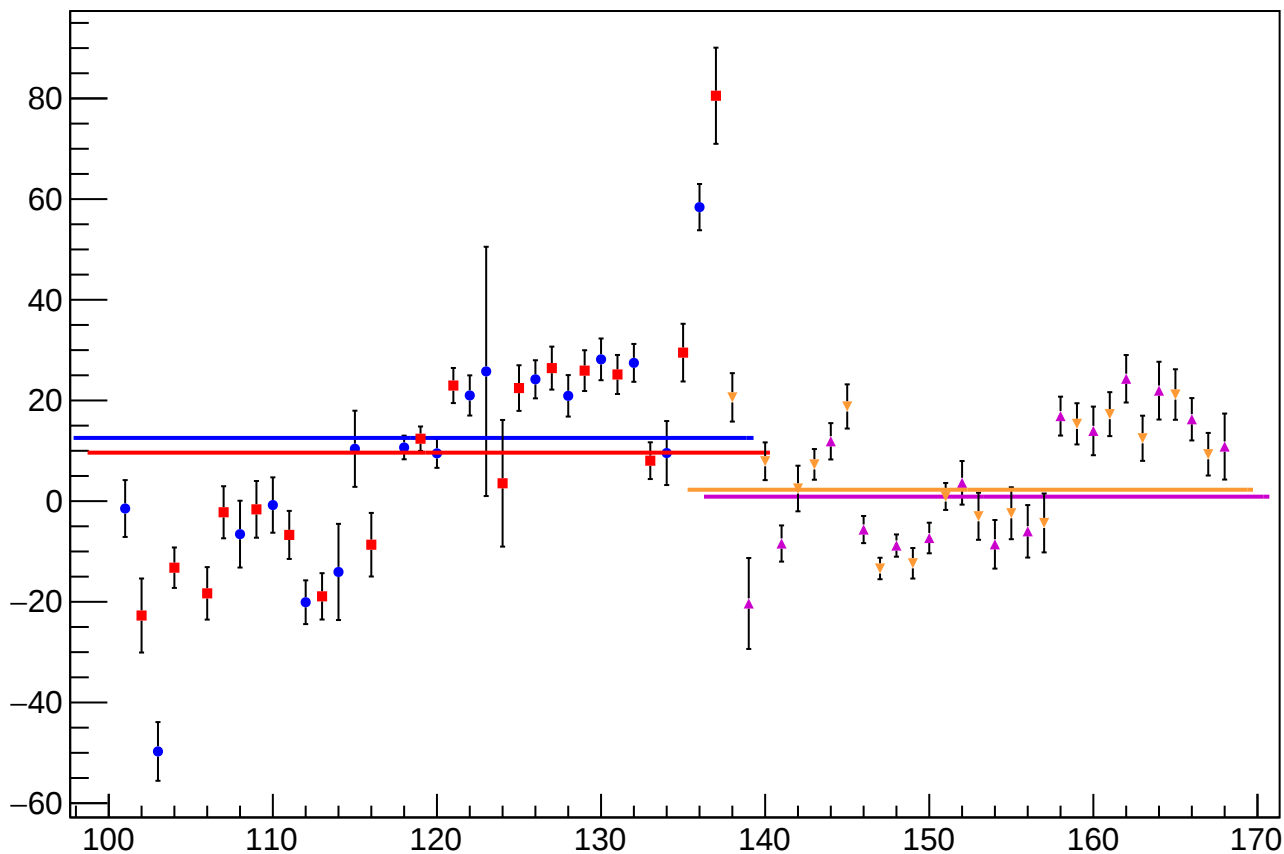
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.715+/-1.424 χ^2/NDF :563.6/14

Out: 208.393+/-1.360 χ^2/NDF :3735.7/15

All: 220.955+/-0.984 χ^2/NDF : 4478.0/30

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: 2.269+/-0.928 χ^2/NDF :158.7/15

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 0.888+/-0.993 χ^2/NDF :138.3/14

Left: 1.625+/-0.678 χ^2/NDF : 298.0/30

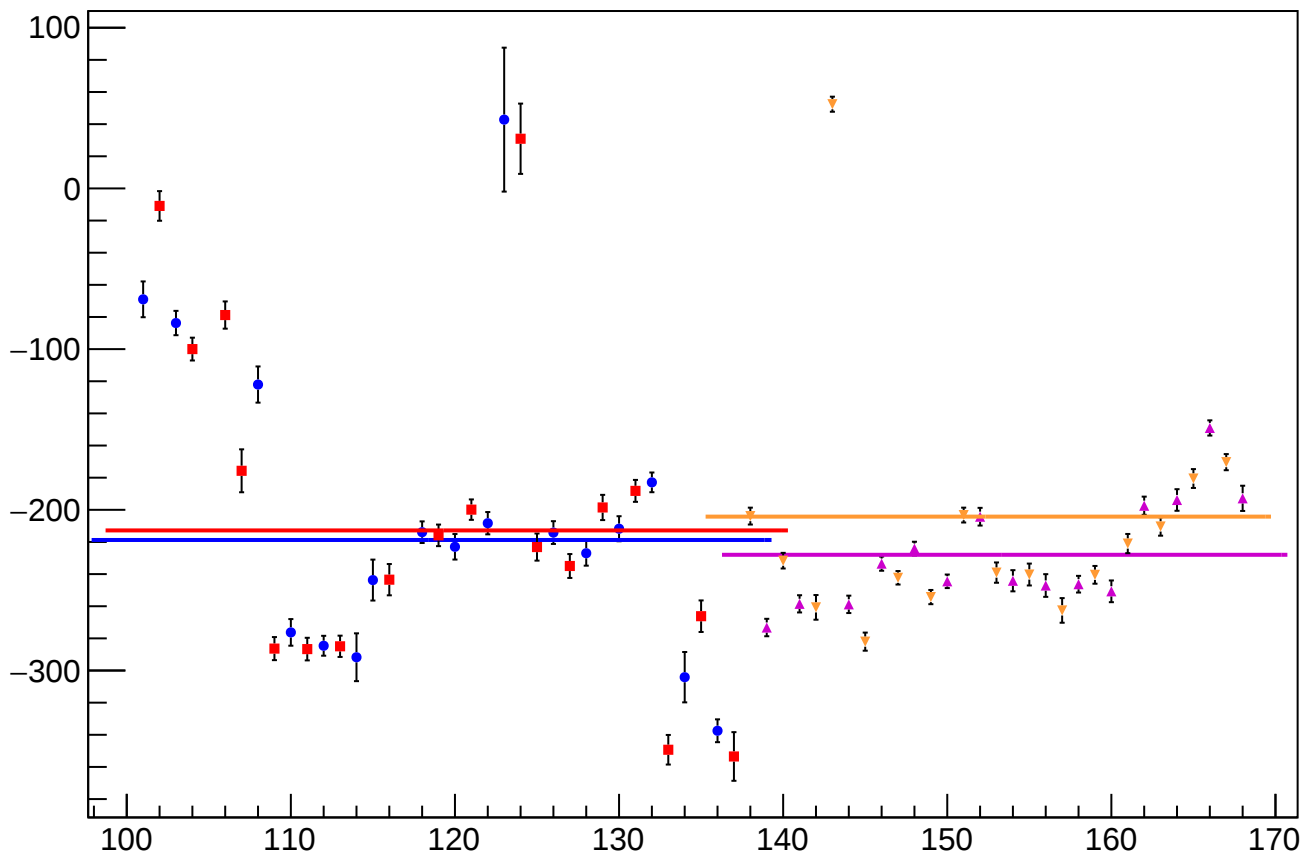
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 6.355+/-0.724 χ^2/NDF :551.6/31

Out: 5.500+/-0.695 χ^2/NDF :473.8/33

All: 5.910+/-0.501 χ^2/NDF : 1026.1/65

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: -204.231 ± 1.348 $\chi^2/\text{NDF}: 3713.4/15$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -227.987 ± 1.394 $\chi^2/\text{NDF}: 560.7/14$

Left: -215.708 ± 0.969 $\chi^2/\text{NDF}: 4424.2/30$

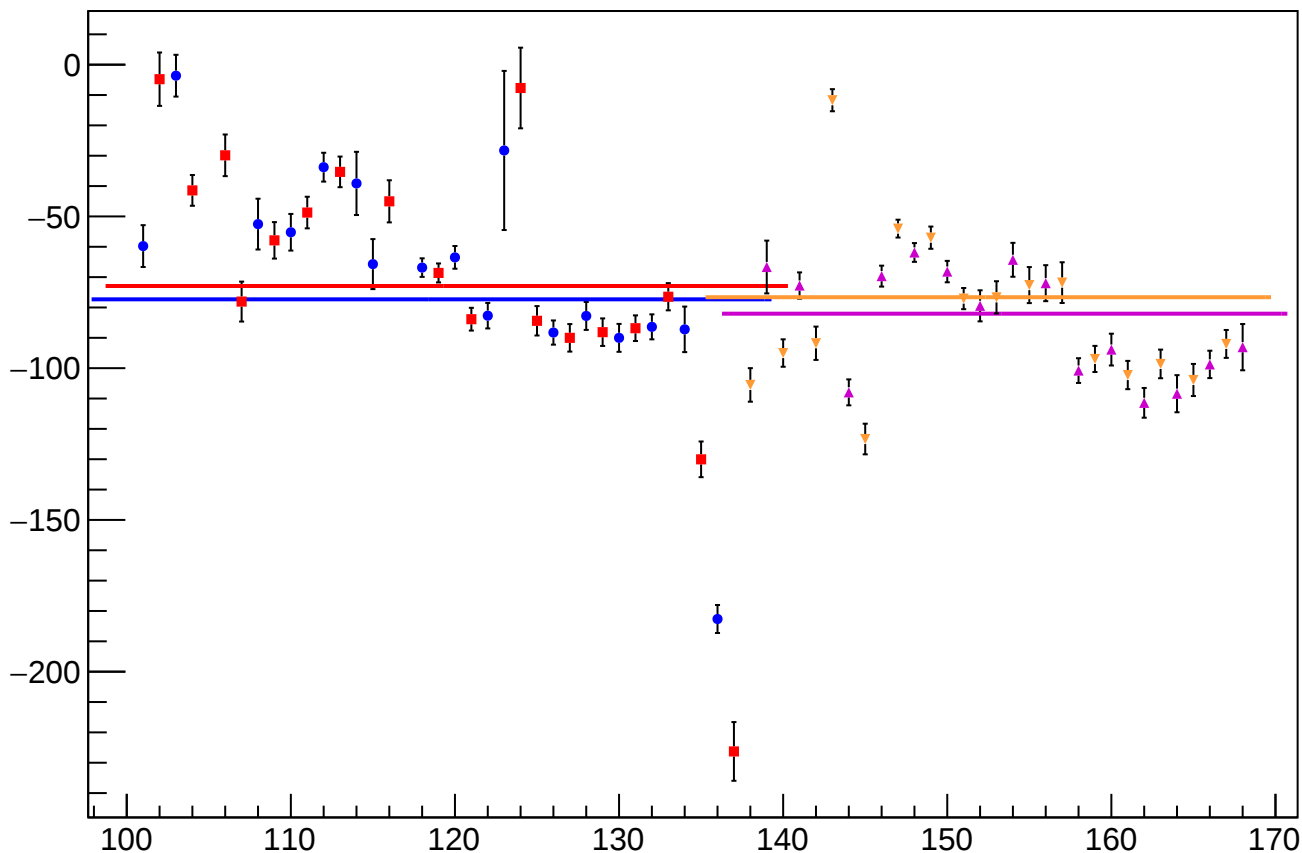
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -224.993 ± 1.146 $\chi^2/\text{NDF}: 1719.3/31$

Out: -207.053 ± 1.104 $\chi^2/\text{NDF}: 5551.3/33$

All: -215.694 ± 0.795 $\chi^2/\text{NDF}: 7397.7/65$

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: -76.621 ± 1.107 χ^2/NDF : 655.6/15

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -82.047 ± 1.178 χ^2/NDF : 225.2/14

Left: -79.165 ± 0.807 χ^2/NDF : 892.0/30

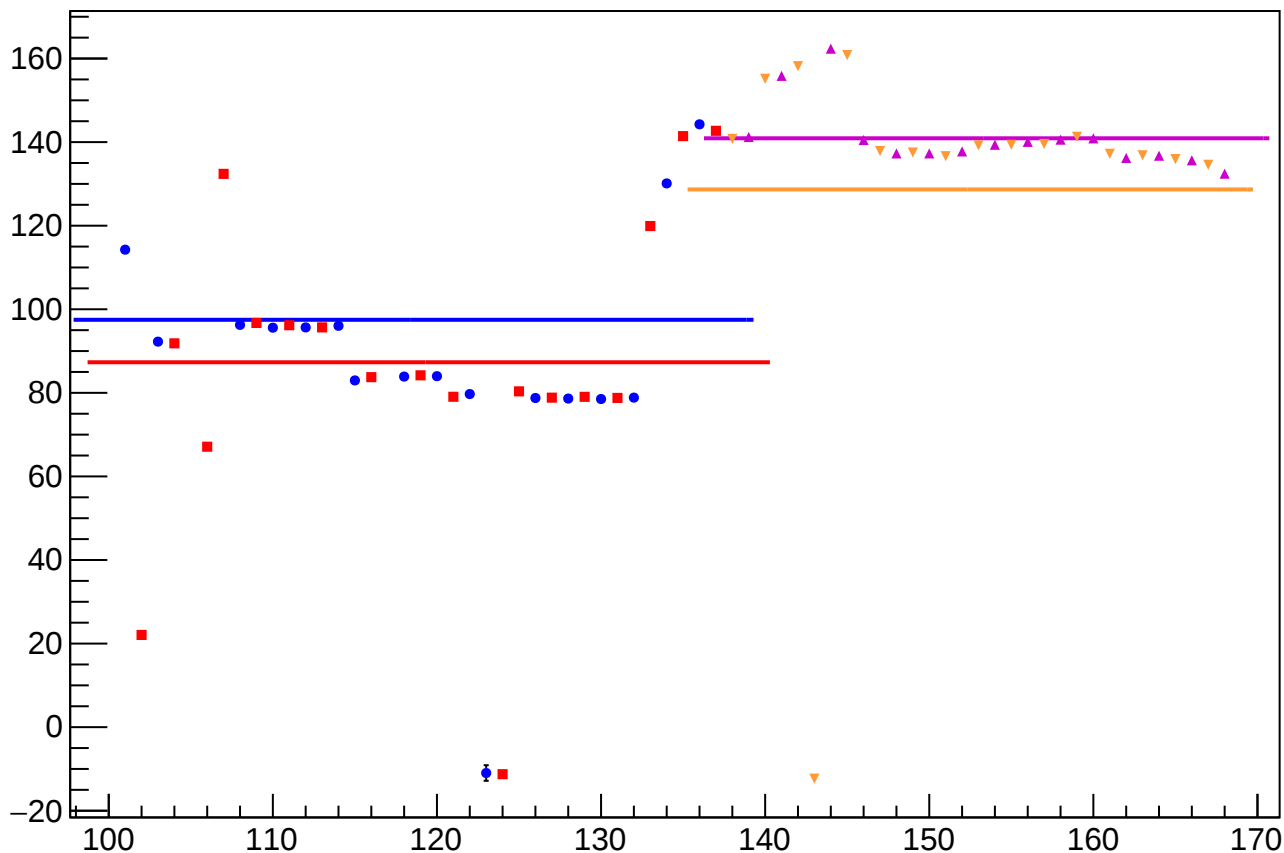
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.769 ± 0.848 χ^2/NDF : 1050.6/31

Out: -74.932 ± 0.816 χ^2/NDF : 1321.5/33

All: -77.257 ± 0.588 χ^2/NDF : 2389.0/65

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 128.669+/-0.054 χ^2/NDF : 630586.1/15

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 140.915+/-0.056 χ^2/NDF : 16136.0/14

Left: 134.608+/-0.039 χ^2/NDF : 671469.2/30

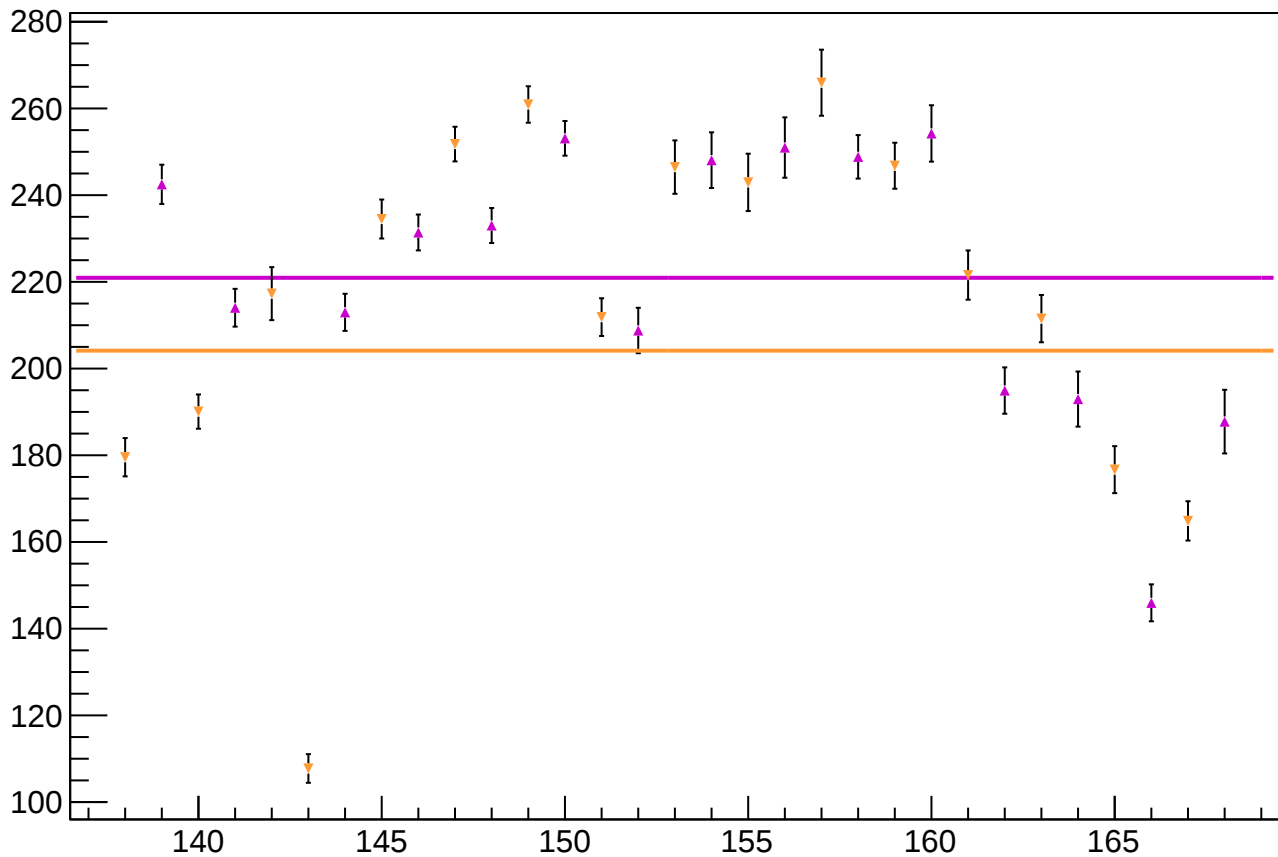
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 124.974+/-0.044 χ^2/NDF : 332355.5/31

Out: 112.699+/-0.042 χ^2/NDF : 1077163.1/33

All: 118.557+/-0.031 χ^2/NDF : 1449389.3/65

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: 204.131+/-1.192 χ^2/NDF :1595.0/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 220.939+/-1.274 χ^2/NDF :580.5/14

Left: 211.976+/-0.870 χ^2/NDF : 2268.4/30

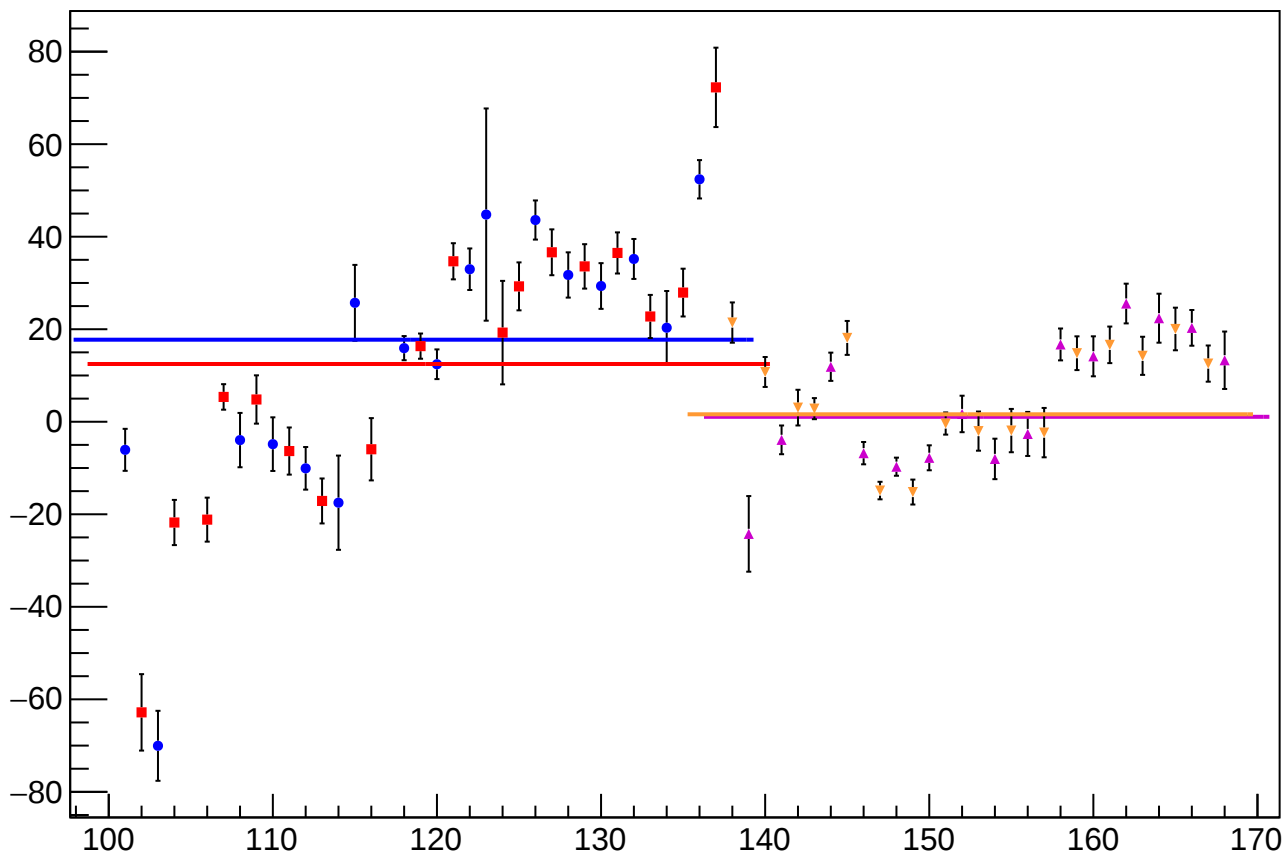
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.939+/-1.274 χ^2/NDF :580.5/14

Out: 204.131+/-1.192 χ^2/NDF :1595.0/15

All: 211.976+/-0.870 χ^2/NDF : 2268.4/30

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: 1.613 $\pm$ 0.811 χ^2 /NDF: 227.5/15

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: 1.069 $\pm$ 0.885 χ^2 /NDF: 188.6/14

Left: 1.365 $\pm$ 0.598 χ^2 /NDF: 416.3/30

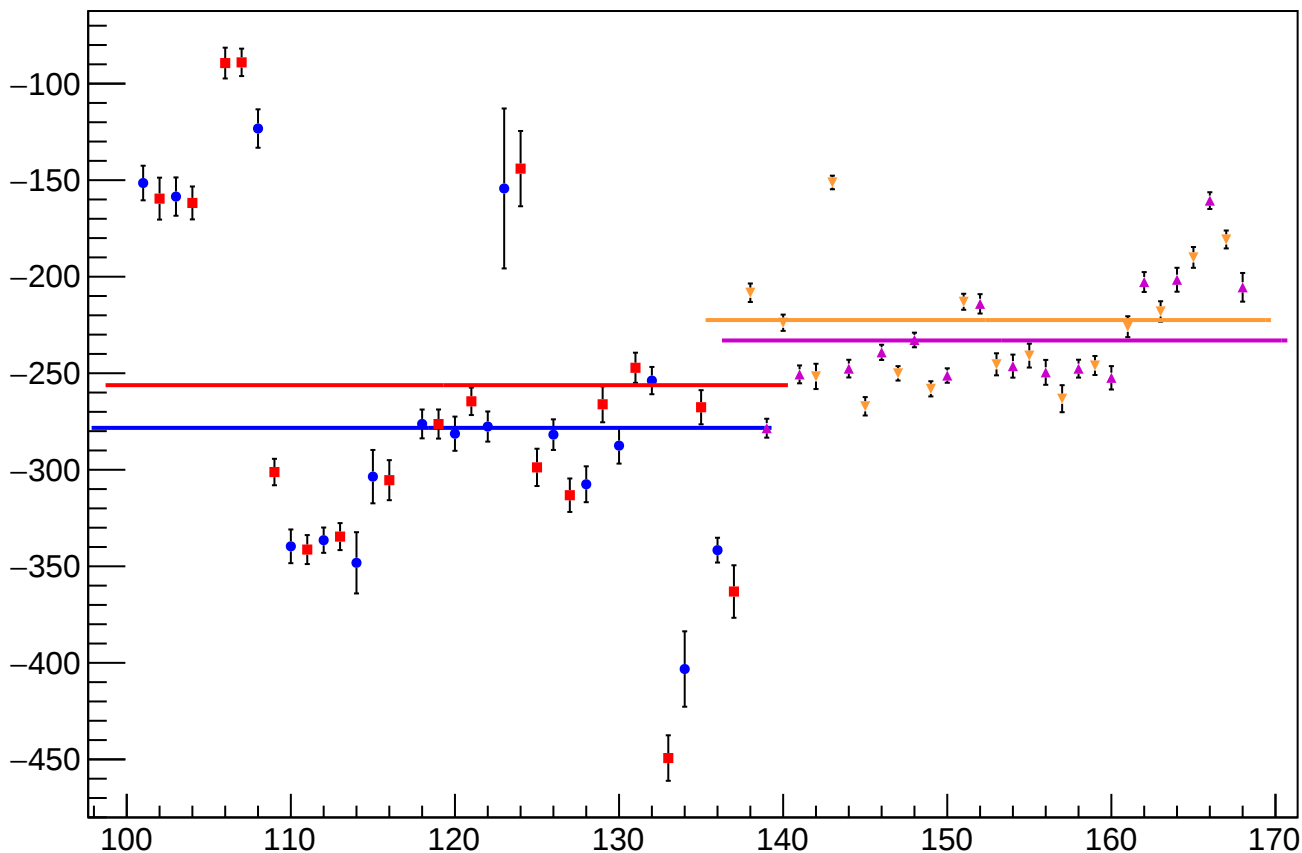
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 7.276 $\pm$ 0.701 χ^2 /NDF: 714.8/31

Out: 5.510 $\pm$ 0.650 χ^2 /NDF: 721.1/33

All: 6.326 $\pm$ 0.476 χ^2 /NDF: 1439.2/65

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -222.455 ± 1.185 χ^2/NDF : 867.1/15

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -233.027 ± 1.248 χ^2/NDF : 535.0/14

Left: -227.466 ± 0.859 χ^2/NDF : 1439.8/30

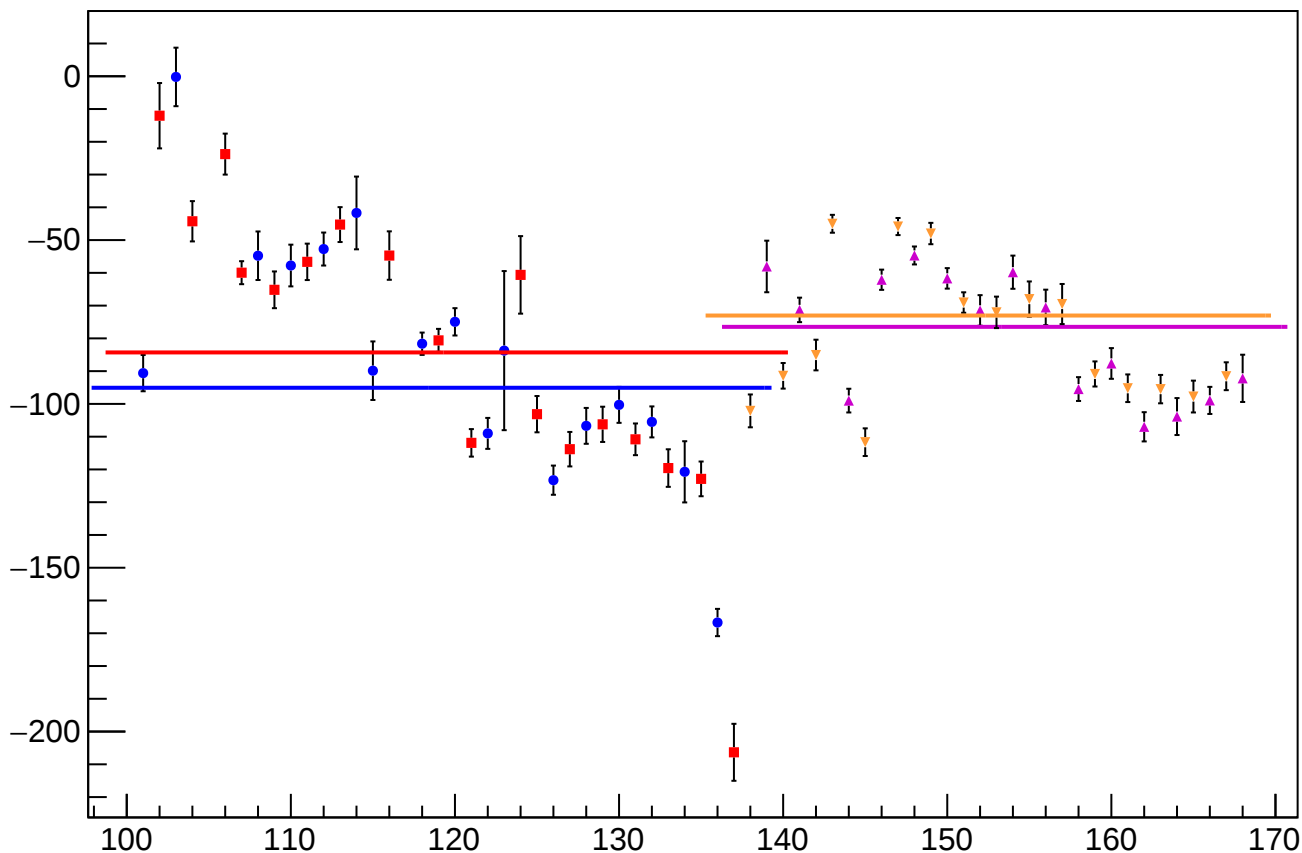
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -244.263 ± 1.082 χ^2/NDF : 1771.4/31

Out: -231.058 ± 1.023 χ^2/NDF : 3025.9/33

All: -237.287 ± 0.743 χ^2/NDF : 4876.0/65

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: -73.027 ± 0.969 χ^2/NDF : 542.7/15

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -76.482 ± 1.052 χ^2/NDF : 304.1/14

Left: -74.613 ± 0.713 χ^2/NDF : 852.7/30

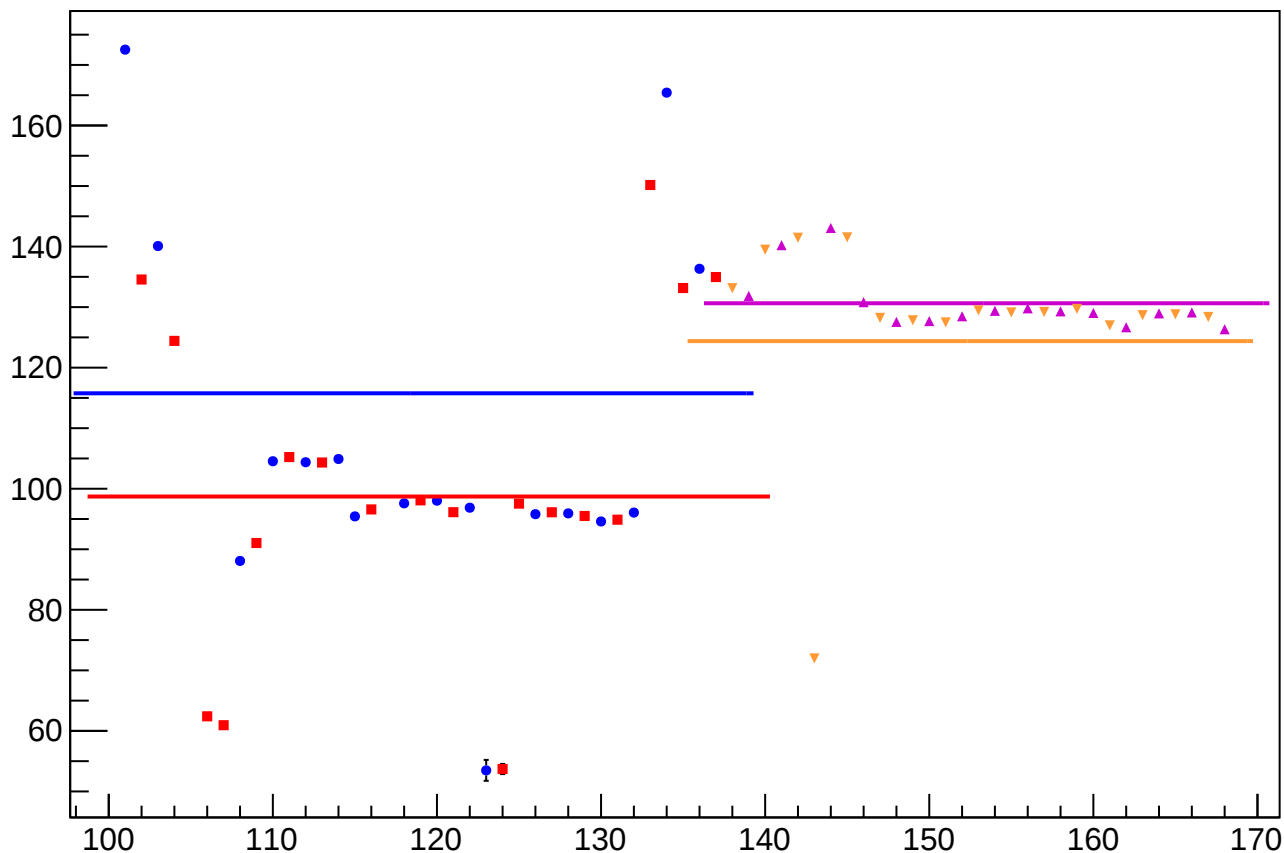
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.665 ± 0.824 χ^2/NDF : 1098.1/31

Out: -77.221 ± 0.768 χ^2/NDF : 1361.8/33

All: -80.216 ± 0.562 χ^2/NDF : 2492.6/65

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763±/0.078 χ^2/NDF : 106297.4/16

Left Out: 124.385±/0.048 χ^2/NDF :162995.2/15

Right Out: 98.713±/0.069 χ^2/NDF : 170183.8/17

Left In: 130.637±/0.050 χ^2/NDF :8239.7/14

Left: 127.360±/0.035 χ^2/NDF : 179399.5/30

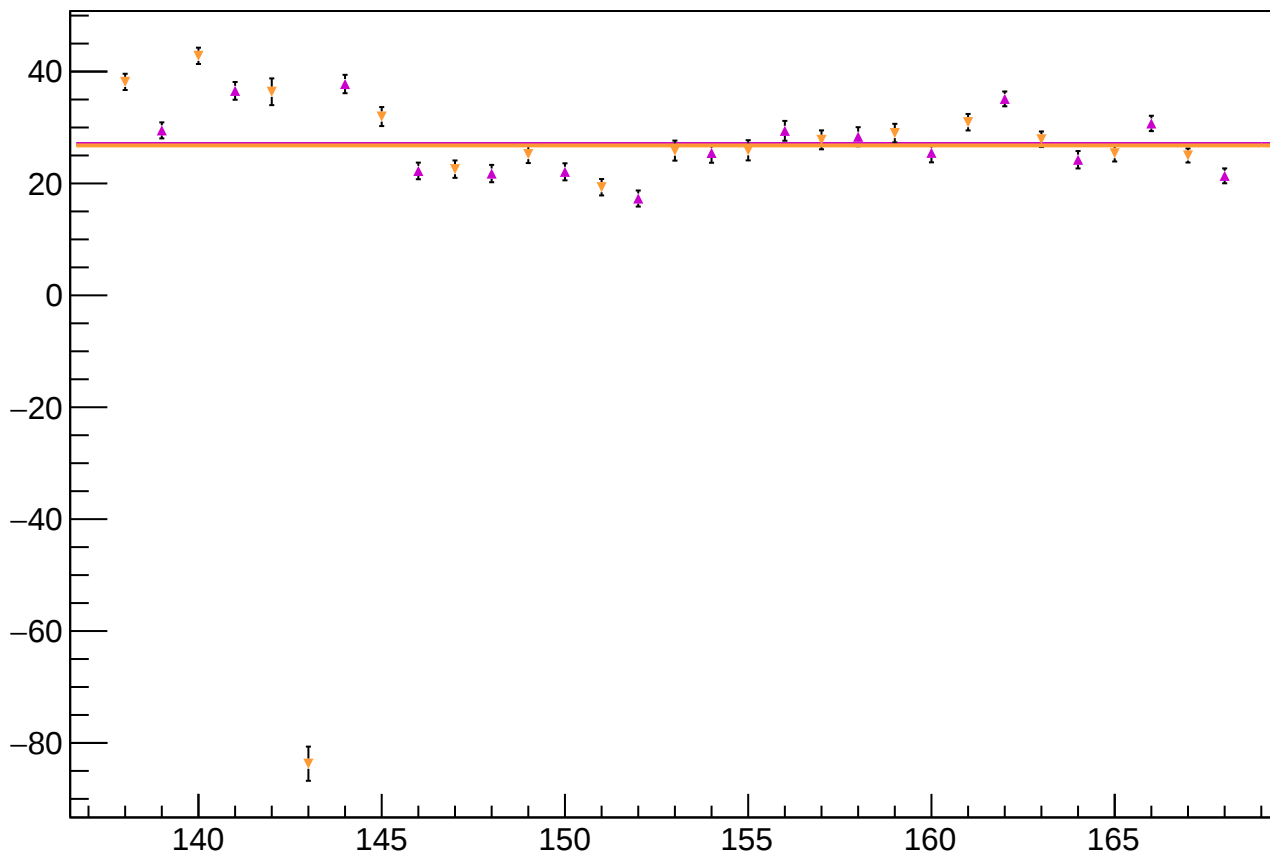
Right: 106.153±/0.052 χ^2/NDF : 303349.7/34

In: 126.301±/0.042 χ^2/NDF :140243.3/31

Out: 116.028±/0.039 χ^2/NDF :427331.1/33

All: 120.791±/0.029 χ^2/NDF : 599414.9/65

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.800+/-0.400 χ^2/NDF :1563.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.047+/-0.394 χ^2/NDF :229.9/14

Left: 26.926+/-0.281 χ^2/NDF : 1793.3/30

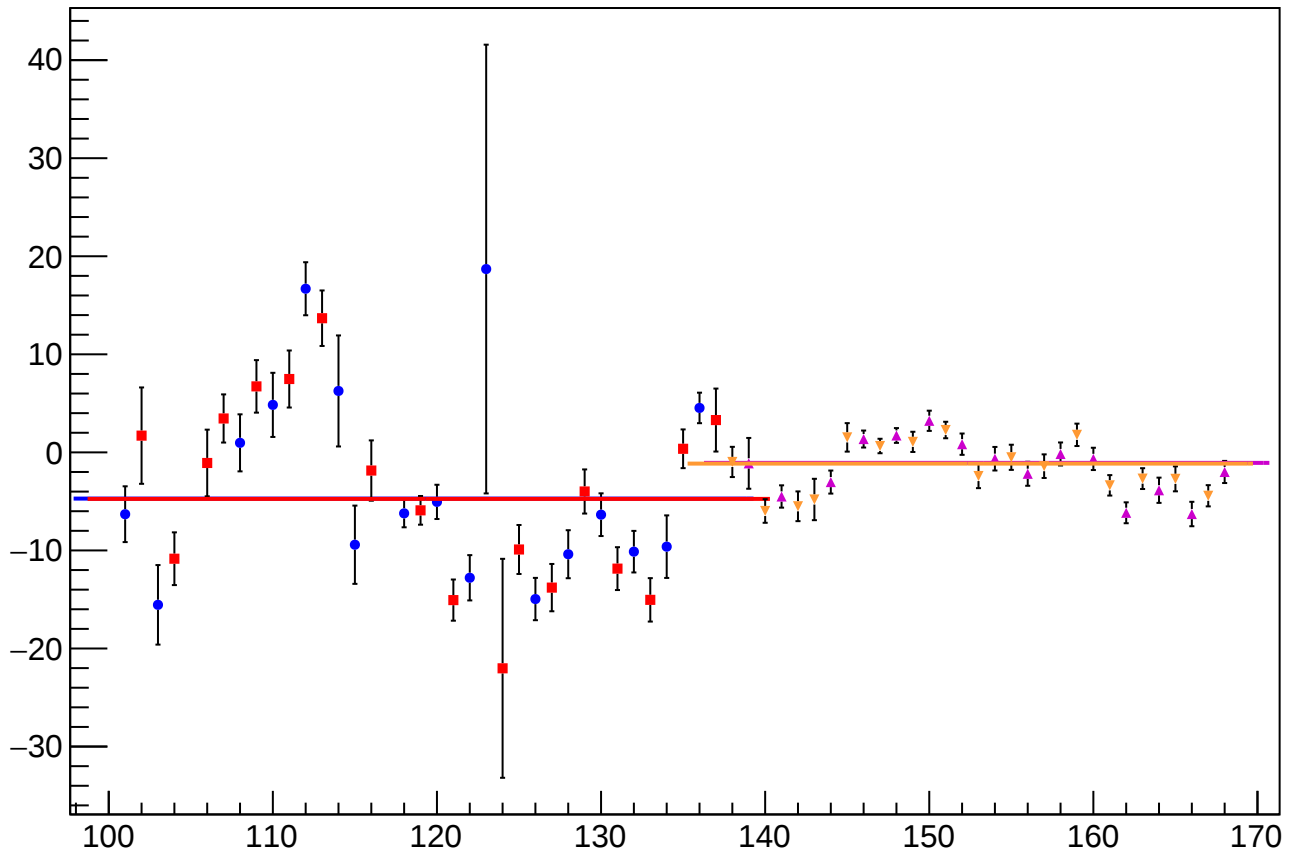
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.047+/-0.394 χ^2/NDF :229.9/14

Out: 26.800+/-0.400 χ^2/NDF :1563.2/15

All: 26.926+/-0.281 χ^2/NDF : 1793.3/30

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: -1.145 ± 0.284 χ^2/NDF : 83.1/15

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -1.071 ± 0.285 χ^2/NDF : 101.3/14

Left: -1.108 ± 0.201 χ^2/NDF : 184.5/30

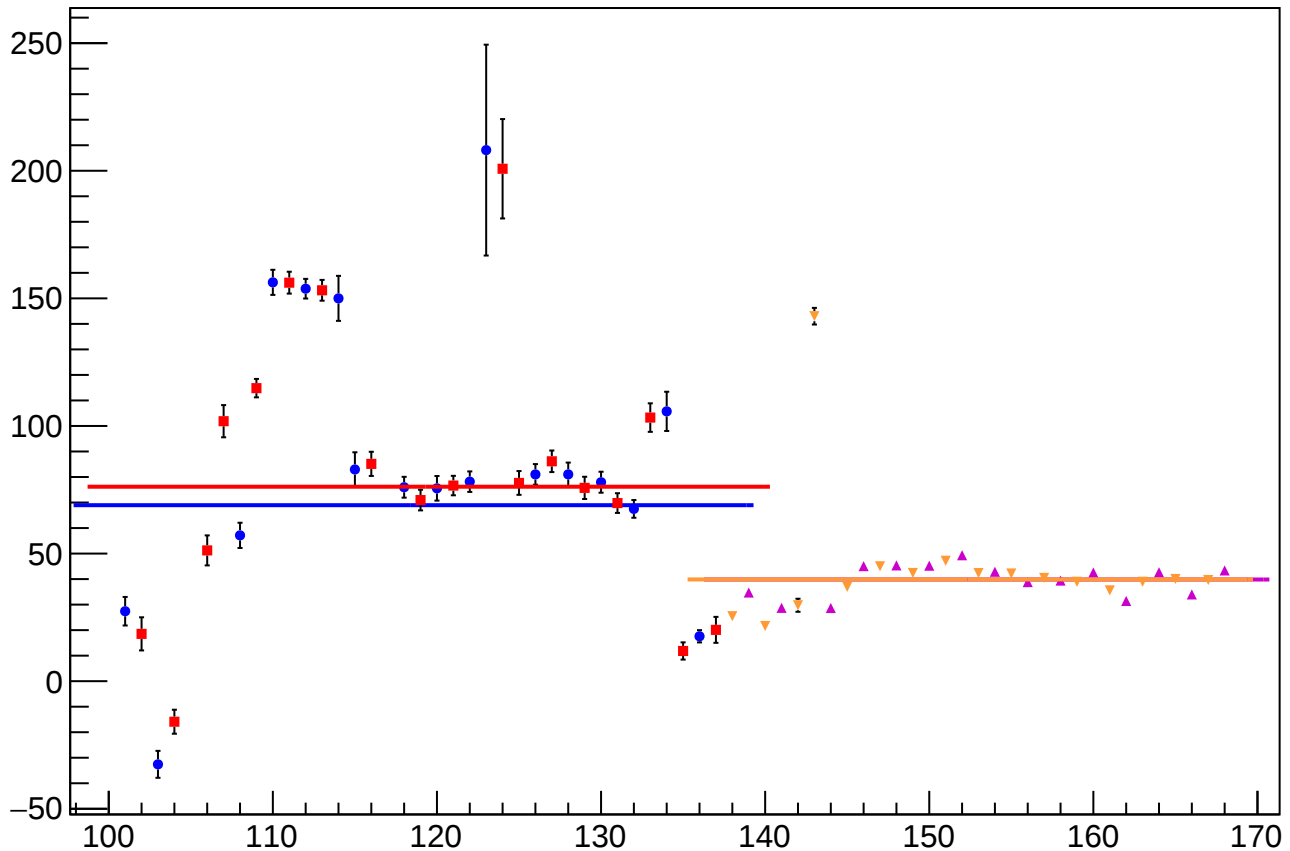
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.778 ± 0.256 χ^2/NDF : 307.7/31

Out: -1.829 ± 0.255 χ^2/NDF : 303.1/33

All: -1.804 ± 0.181 χ^2/NDF : 610.8/65

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 39.868 ± 0.393 $\chi^2/\text{NDF}: 1298.4/15$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 39.837 ± 0.385 $\chi^2/\text{NDF}: 263.1/14$

Left: 39.852 ± 0.275 $\chi^2/\text{NDF}: 1561.5/30$

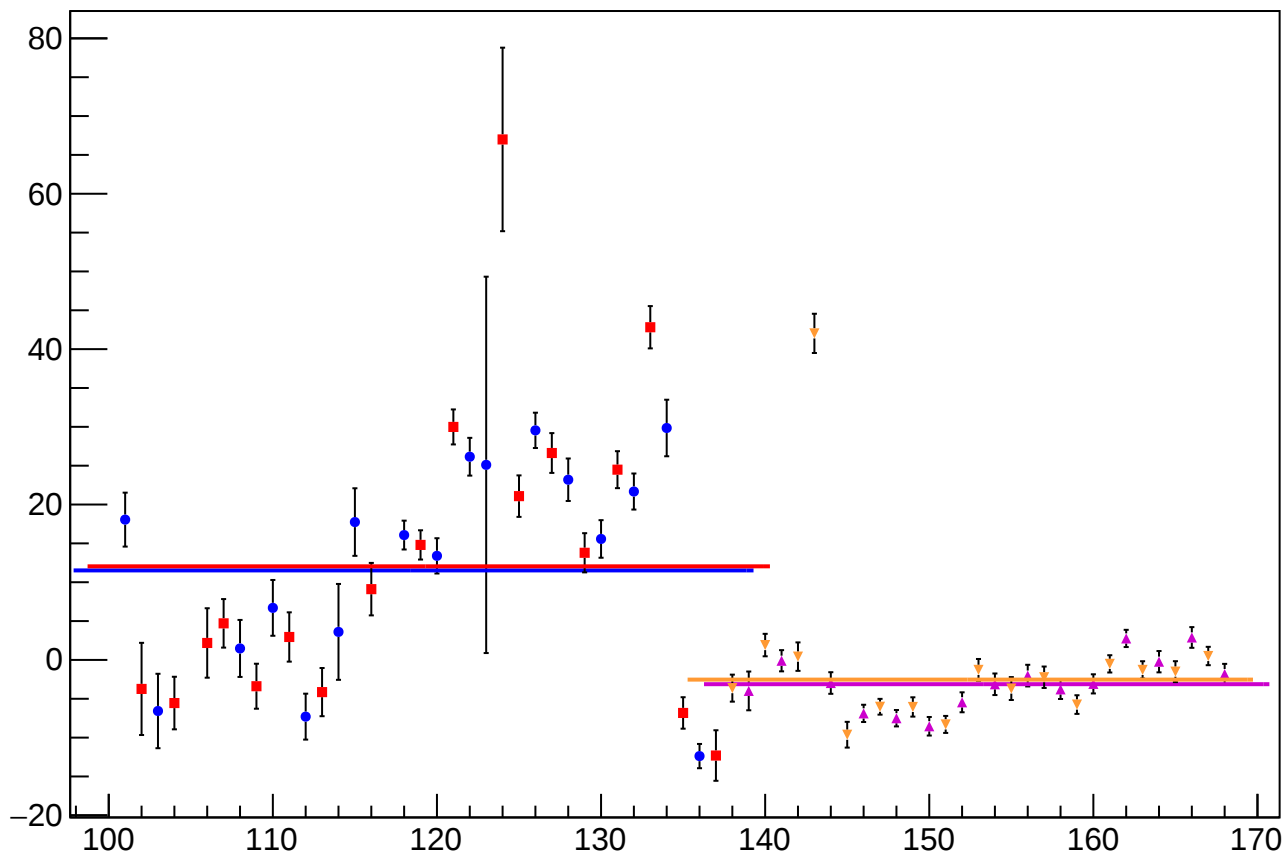
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.128 ± 0.363 $\chi^2/\text{NDF}: 2753.4/31$

Out: 44.177 ± 0.369 $\chi^2/\text{NDF}: 4193.6/33$

All: 43.644 ± 0.259 $\chi^2/\text{NDF}: 6951.1/65$

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: -2.534 ± 0.331 $\chi^2/\text{NDF}: 410.2/15$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -3.122 ± 0.332 $\chi^2/\text{NDF}: 112.6/14$

Left: -2.827 ± 0.234 $\chi^2/\text{NDF}: 524.4/30$

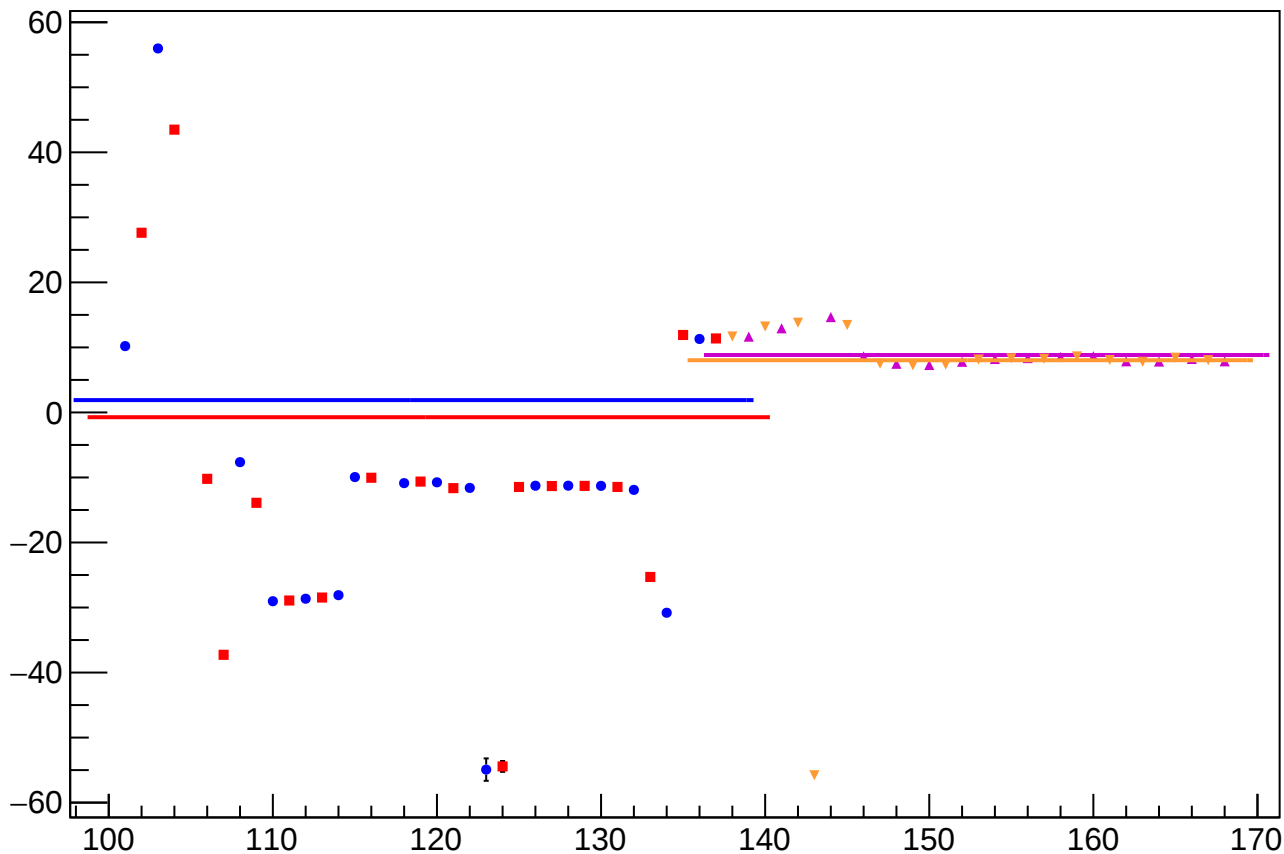
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.163 ± 0.297 $\chi^2/\text{NDF}: 982.8/31$

Out: 0.358 ± 0.296 $\chi^2/\text{NDF}: 1334.9/33$

All: 0.098 ± 0.209 $\chi^2/\text{NDF}: 2319.2/65$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.026 $\pm$ 0.015 χ^2/NDF :256514.3/15

Right Out: -0.733 $\pm$ 0.037 χ^2/NDF : 359934.4/17

Left In: 8.832 $\pm$ 0.015 χ^2/NDF :14866.4/14

Left: 8.437 $\pm$ 0.011 χ^2/NDF : 272767.3/30

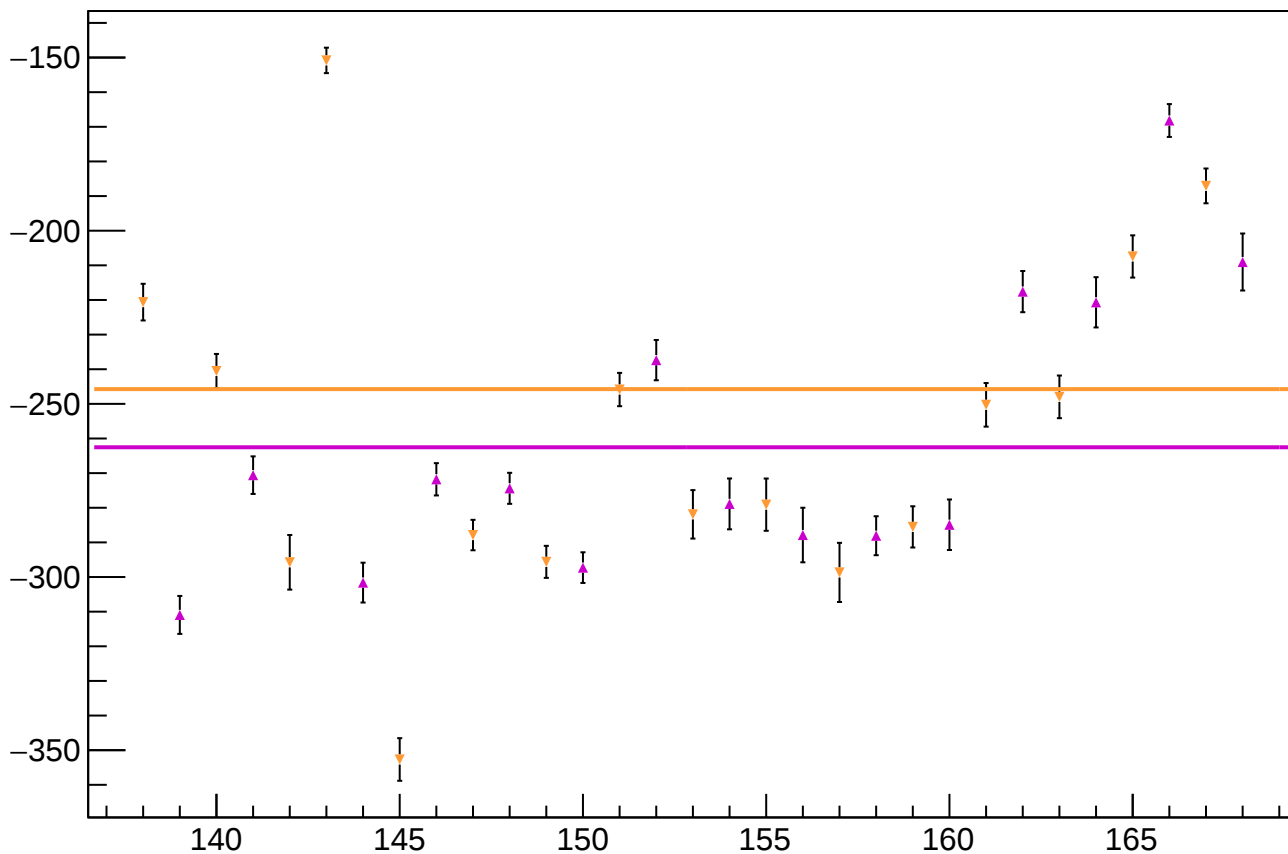
Right: 0.584 $\pm$ 0.026 χ^2/NDF : 721303.3/34

In: 7.839 $\pm$ 0.014 χ^2/NDF :403758.7/31

Out: 6.732 $\pm$ 0.014 χ^2/NDF :663917.8/33

All: 7.295 $\pm$ 0.010 χ^2/NDF : 1070736.8/65

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: -245.739+/-1.369 χ^2/NDF :1546.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -262.532+/-1.466 χ^2/NDF :791.5/14

Left: -253.565+/-1.001 χ^2/NDF : 2408.1/30

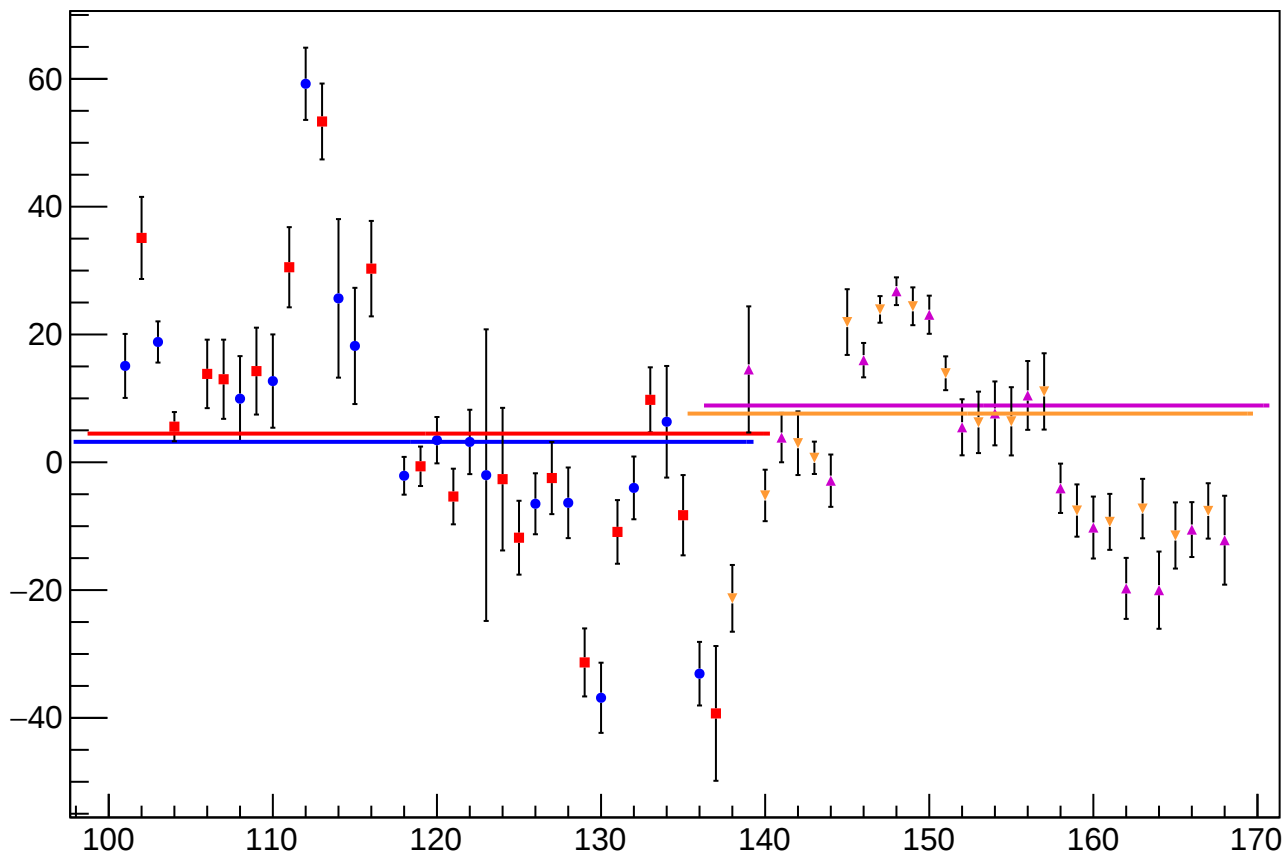
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.532+/-1.466 χ^2/NDF :791.5/14

Out: -245.739+/-1.369 χ^2/NDF :1546.6/15

All: -253.565+/-1.001 χ^2/NDF : 2408.1/30

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 7.620 ± 0.922 $\chi^2/\text{NDF}: 221.4/15$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 8.886 ± 1.009 $\chi^2/\text{NDF}: 223.7/14$

Left: 8.197 ± 0.681 $\chi^2/\text{NDF}: 446.0/30$

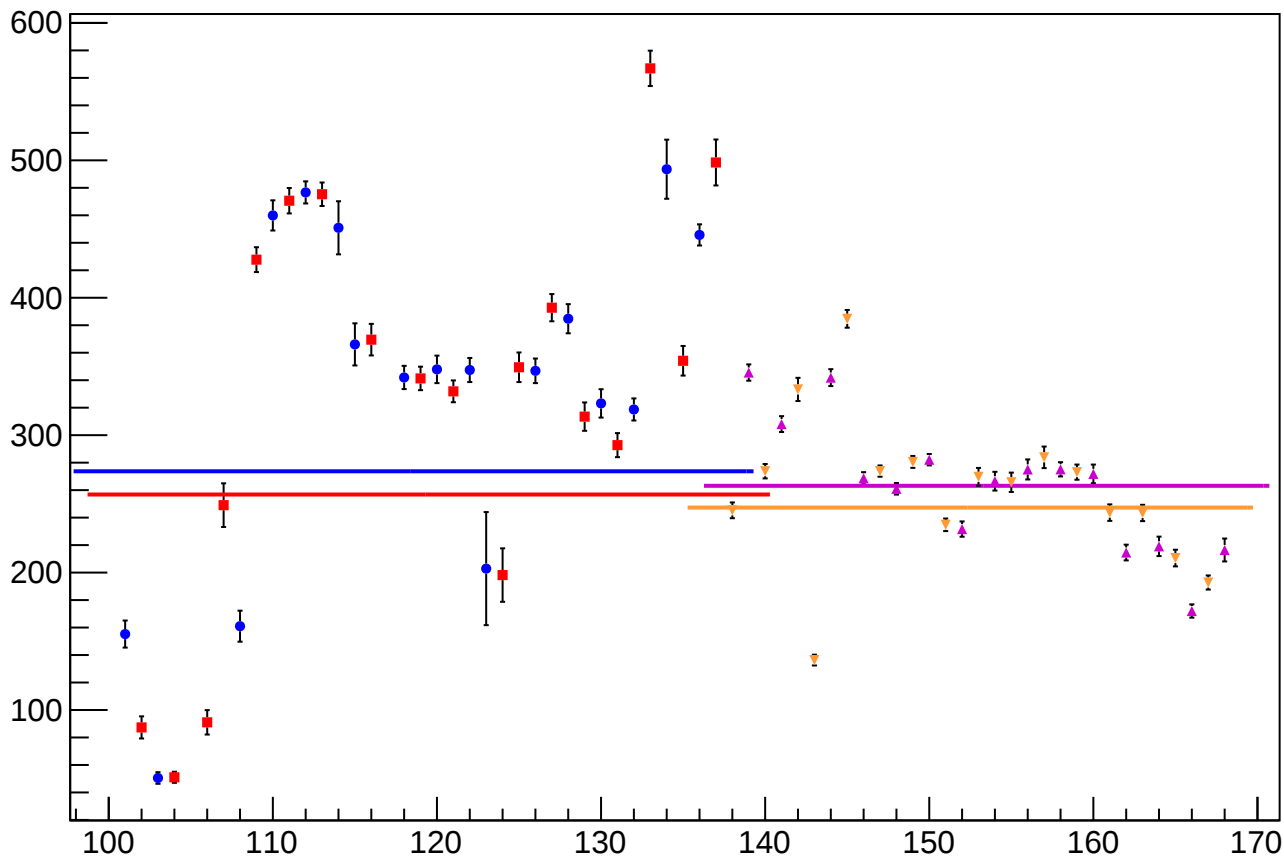
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 6.592 ± 0.780 $\chi^2/\text{NDF}: 491.7/31$

Out: 6.405 ± 0.722 $\chi^2/\text{NDF}: 447.6/33$

All: 6.492 ± 0.530 $\chi^2/\text{NDF}: 939.3/65$

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: 247.317 $\pm$ 1.355 χ^2 /NDF:1704.0/15

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 263.156 $\pm$ 1.429 χ^2 /NDF:979.9/14

Left: 254.815 $\pm$ 0.983 χ^2 /NDF: 2748.5/30

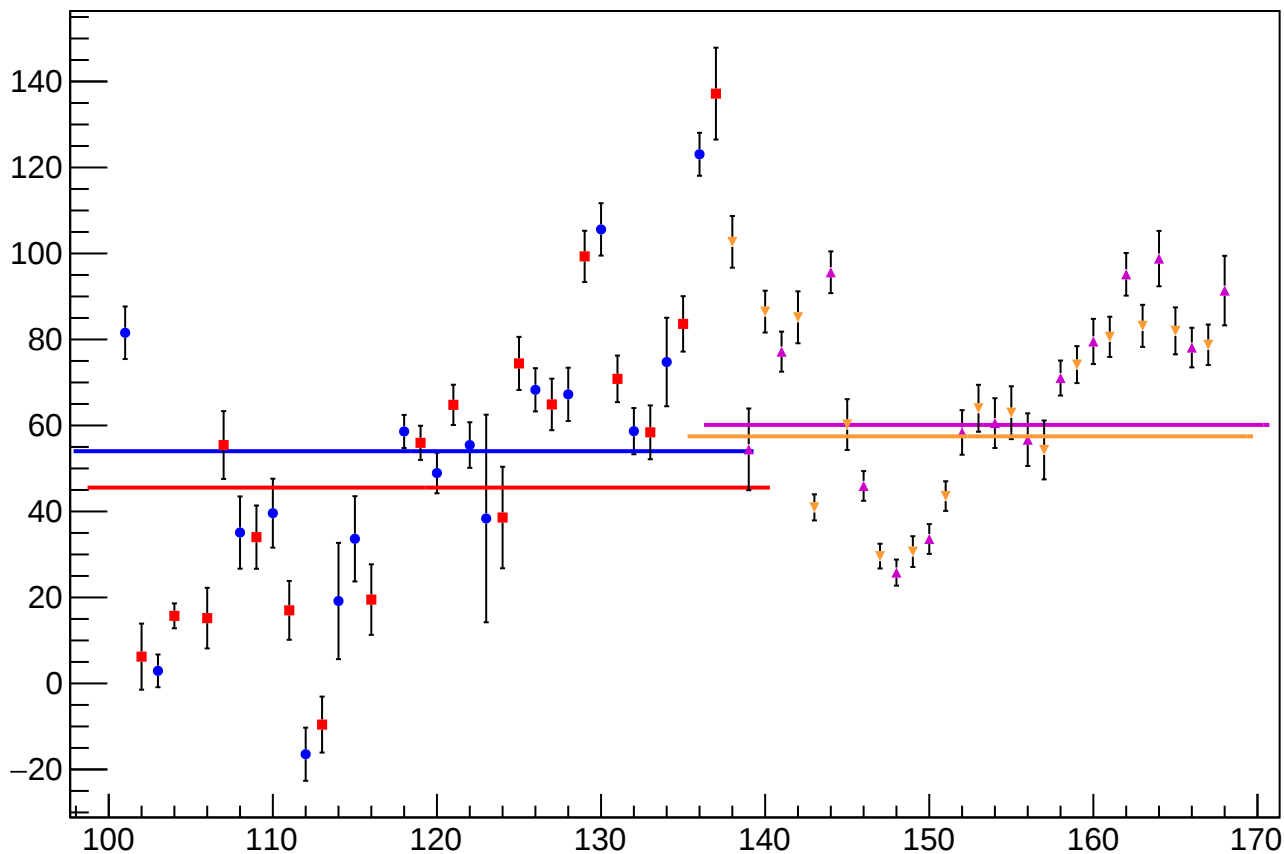
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 266.302 $\pm$ 1.198 χ^2 /NDF:6099.5/31

Out: 250.144 $\pm$ 1.136 χ^2 /NDF:8130.4/33

All: 257.796 $\pm$ 0.824 χ^2 /NDF: 14325.6/65

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: 57.466 $\pm$ 1.104 χ^2 /NDF: 419.8/15

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 60.127 $\pm$ 1.201 χ^2 /NDF: 408.1/14

Left: 58.685 $\pm$ 0.813 χ^2 /NDF: 830.5/30

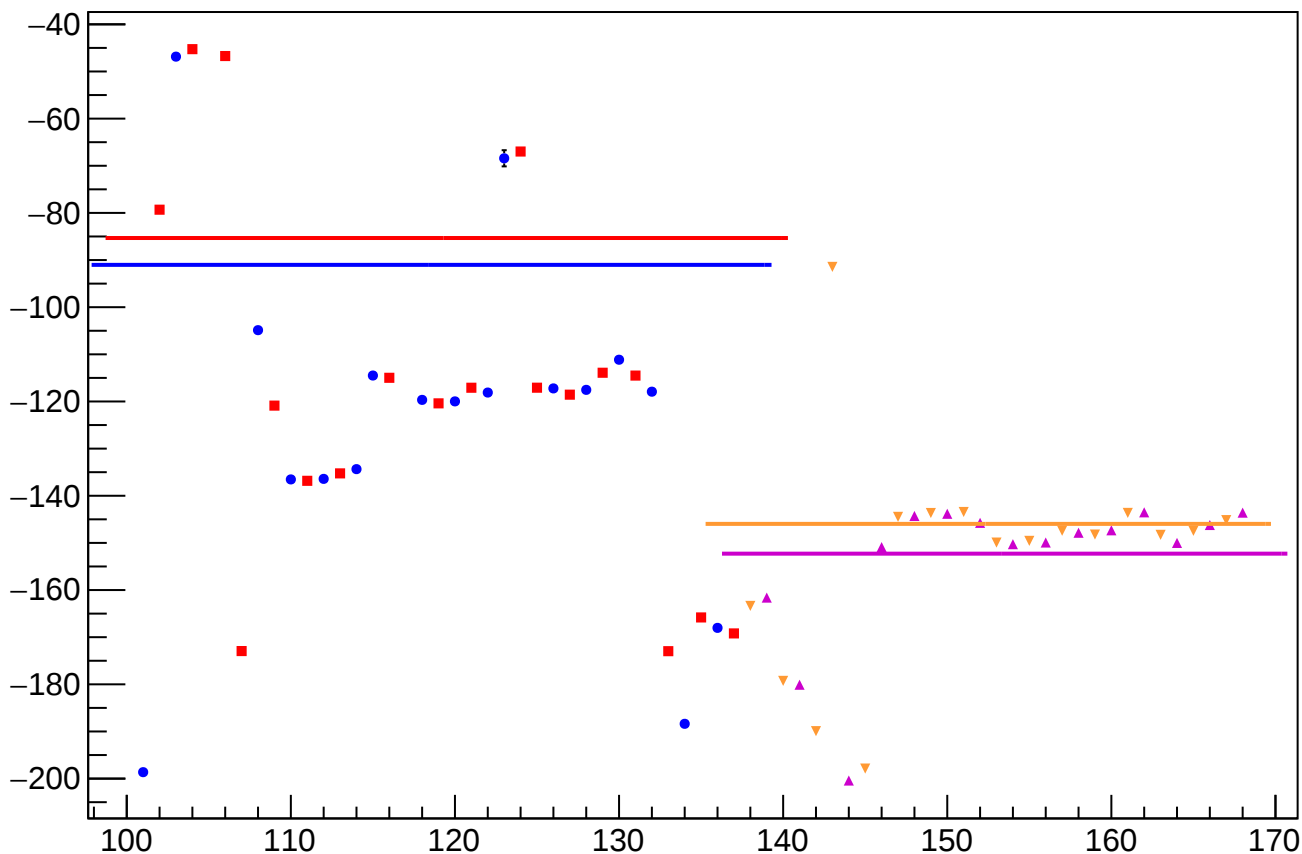
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.584 $\pm$ 0.918 χ^2 /NDF: 1051.7/31

Out: 52.725 $\pm$ 0.857 χ^2 /NDF: 992.7/33

All: 54.987 $\pm$ 0.626 χ^2 /NDF: 2059.4/65

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.965 ± 0.055 $\chi^2/\text{NDF}: 205714.8/15$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -152.281 ± 0.057 $\chi^2/\text{NDF}: 57492.3/14$

Left: -148.970 ± 0.040 $\chi^2/\text{NDF}: 269560.0/30$

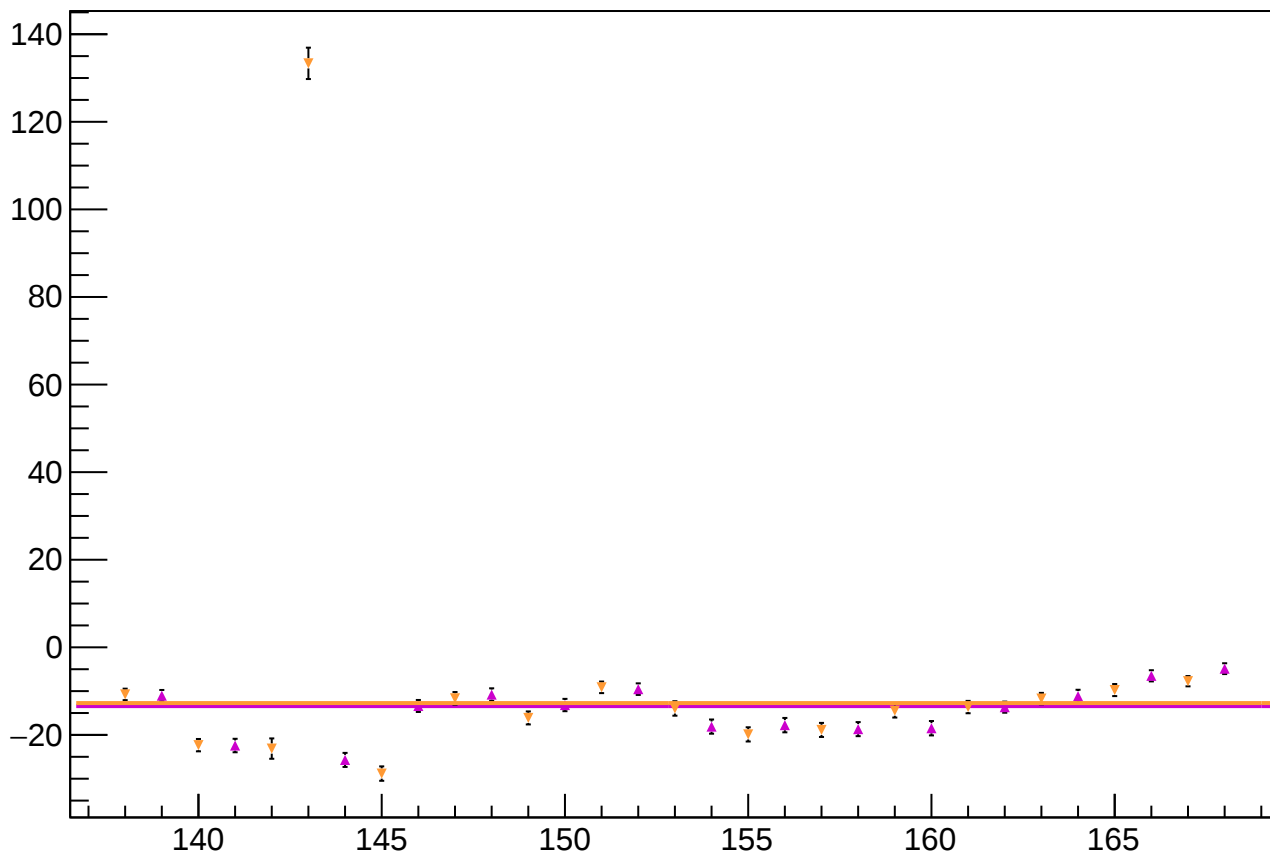
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -126.622 ± 0.044 $\chi^2/\text{NDF}: 1069255.8/31$

Out: -120.923 ± 0.042 $\chi^2/\text{NDF}: 1197216.7/33$

All: -123.649 ± 0.030 $\chi^2/\text{NDF}: 2275329.5/65$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.730+/-0.375 χ^2/NDF :1900.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.424+/-0.368 χ^2/NDF :223.2/14

Left: -13.083+/-0.263 χ^2/NDF : 2125.5/30

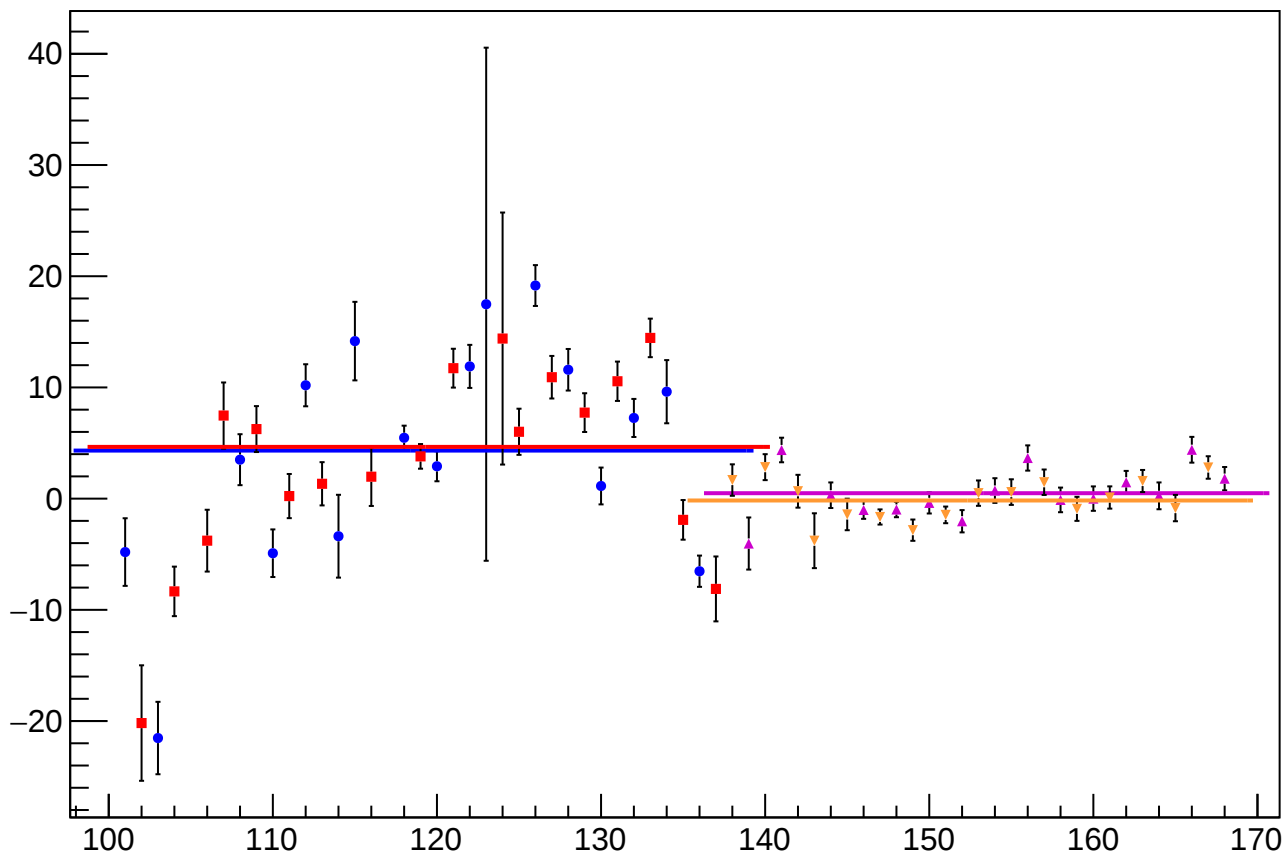
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.424+/-0.368 χ^2/NDF :223.2/14

Out: -12.730+/-0.375 χ^2/NDF :1900.6/15

All: -13.083+/-0.263 χ^2/NDF : 2125.5/30

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: -0.166 $\pm$ 0.265 χ^2 /NDF:42.5/15

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: 0.489 $\pm$ 0.267 χ^2 /NDF:53.5/14

Left: 0.159 $\pm$ 0.188 χ^2 /NDF: 99.0/30

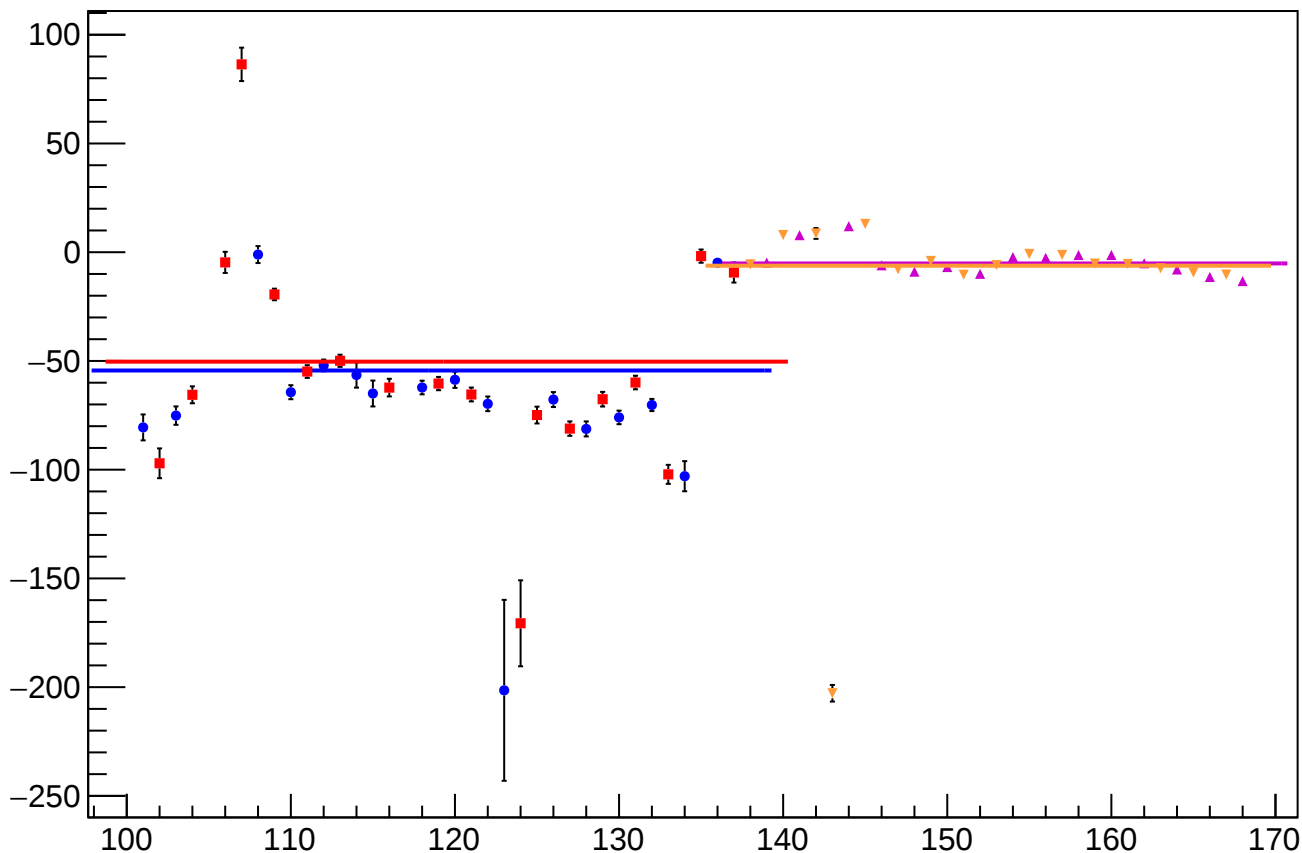
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 1.439 $\pm$ 0.232 χ^2 /NDF:384.8/31

Out: 0.982 $\pm$ 0.231 χ^2 /NDF:305.6/33

All: 1.210 $\pm$ 0.164 χ^2 /NDF: 692.4/65

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF : 1014.0/16

Left Out: -6.198+/-0.368 χ^2/NDF : 2956.4/15

Right Out: -50.316+/-0.858 χ^2/NDF : 1319.3/17

Left In: -5.166+/-0.360 χ^2/NDF : 275.2/14

Left: -5.671+/-0.257 χ^2/NDF : 3235.7/30

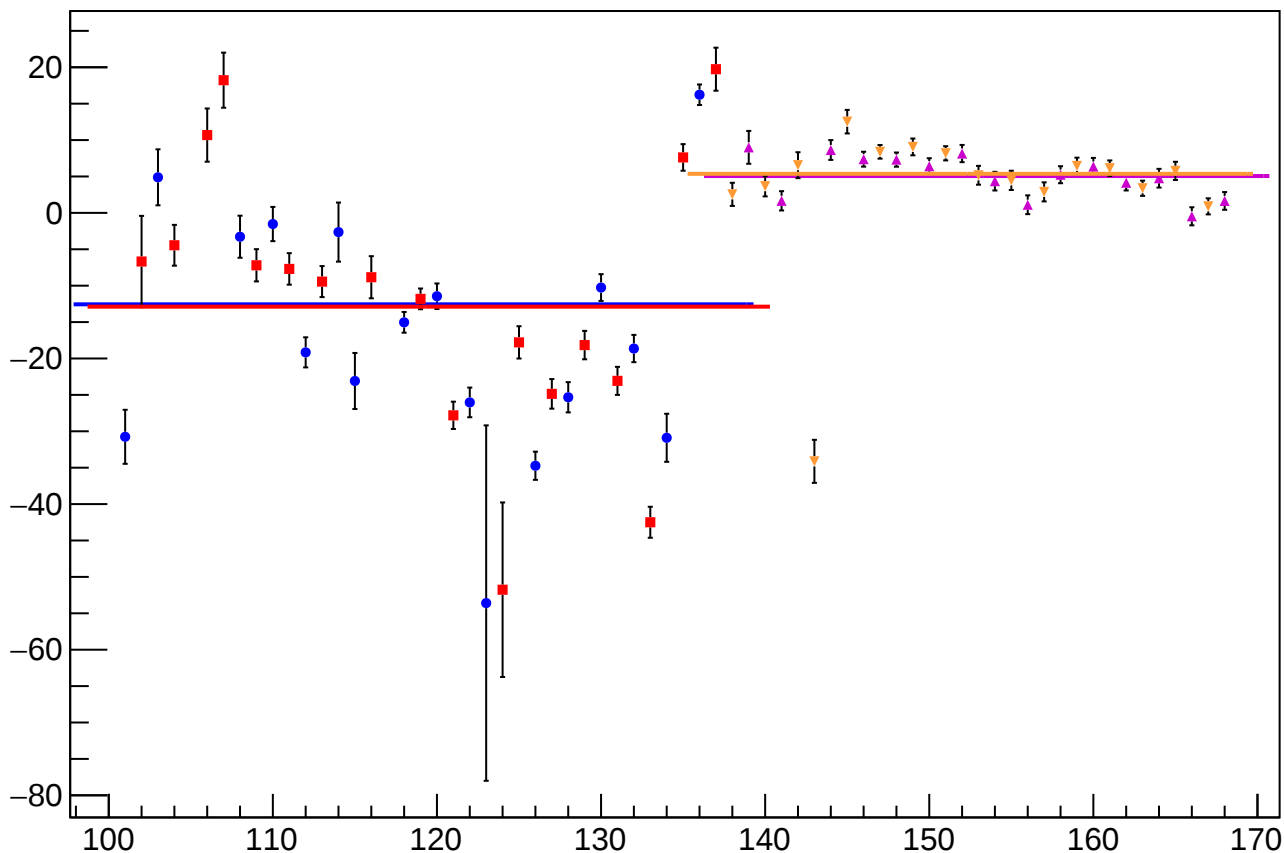
Right: -52.337+/-0.609 χ^2/NDF : 2344.4/34

In: -12.445+/-0.332 χ^2/NDF : 4051.6/31

Out: -13.038+/-0.338 χ^2/NDF : 6508.2/33

All: -12.737+/-0.237 χ^2/NDF : 10561.4/65

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.364 ± 0.310 χ^2/NDF : 257.7/15

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.060 ± 0.311 χ^2/NDF : 74.8/14

Left: 5.213 ± 0.219 χ^2/NDF : 333.0/30

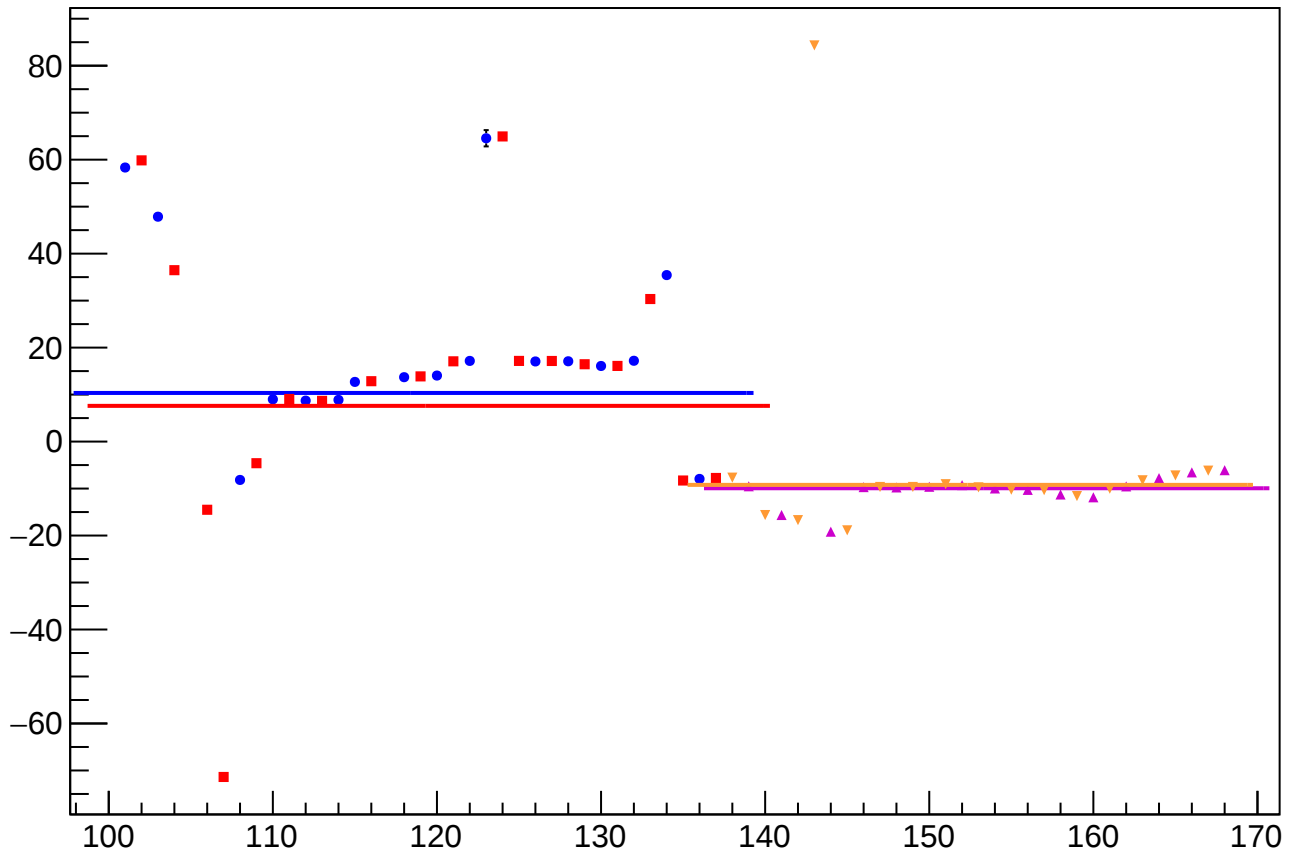
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.559 ± 0.269 χ^2/NDF : 1672.8/31

Out: 0.830 ± 0.268 χ^2/NDF : 1847.8/33

All: 0.695 ± 0.190 χ^2/NDF : 3521.2/65

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.215+/-0.014 χ^2/NDF : 415941.7/15

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -9.936+/-0.014 χ^2/NDF : 36228.4/14

Left: -9.583+/-0.010 χ^2/NDF : 453439.4/30

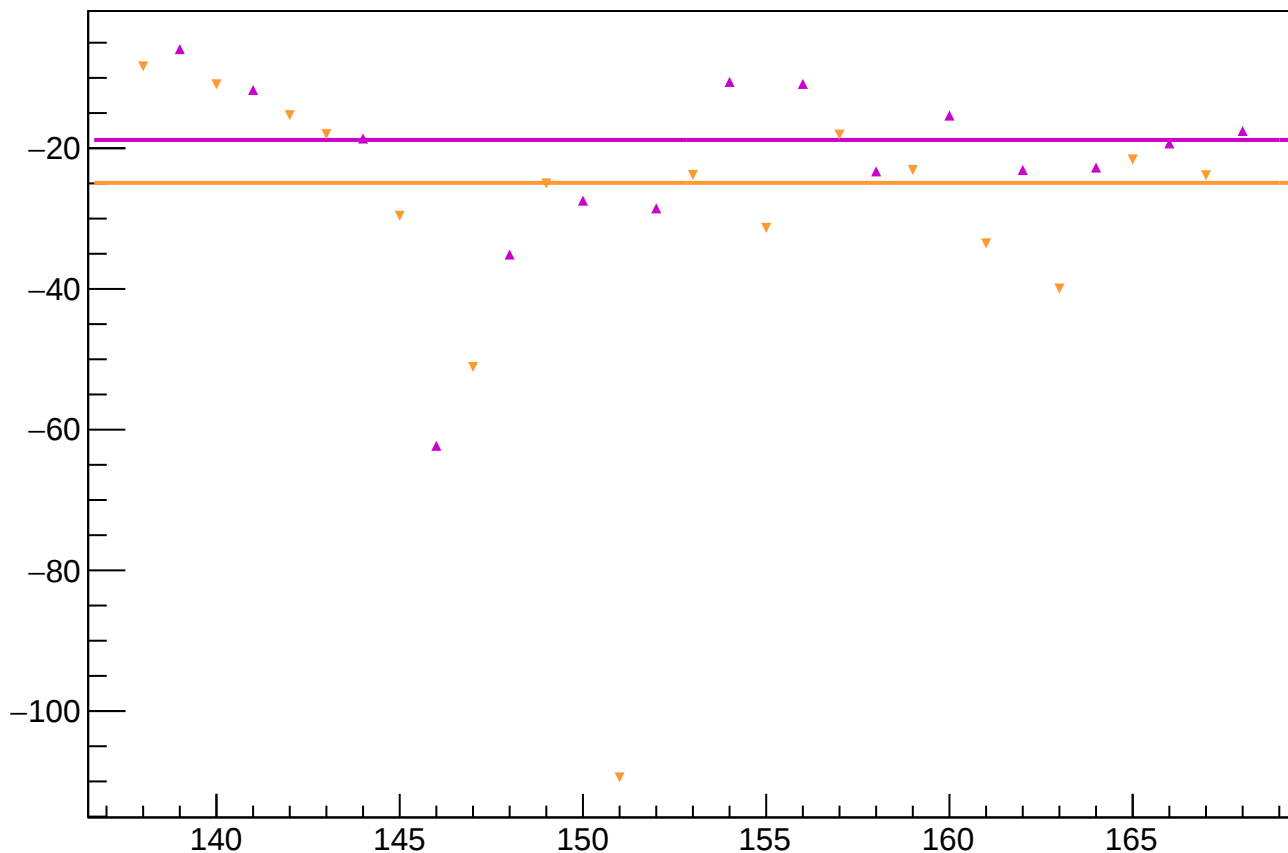
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -6.356+/-0.013 χ^2/NDF : 779504.8/31

Out: -6.257+/-0.013 χ^2/NDF : 1192406.5/33

All: -6.308+/-0.009 χ^2/NDF : 1971940.3/65

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.922+/-0.061 χ^2/NDF : 56746.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.819+/-0.052 χ^2/NDF : 37929.8/14

Left: -21.373+/-0.040 χ^2/NDF : 100422.6/30

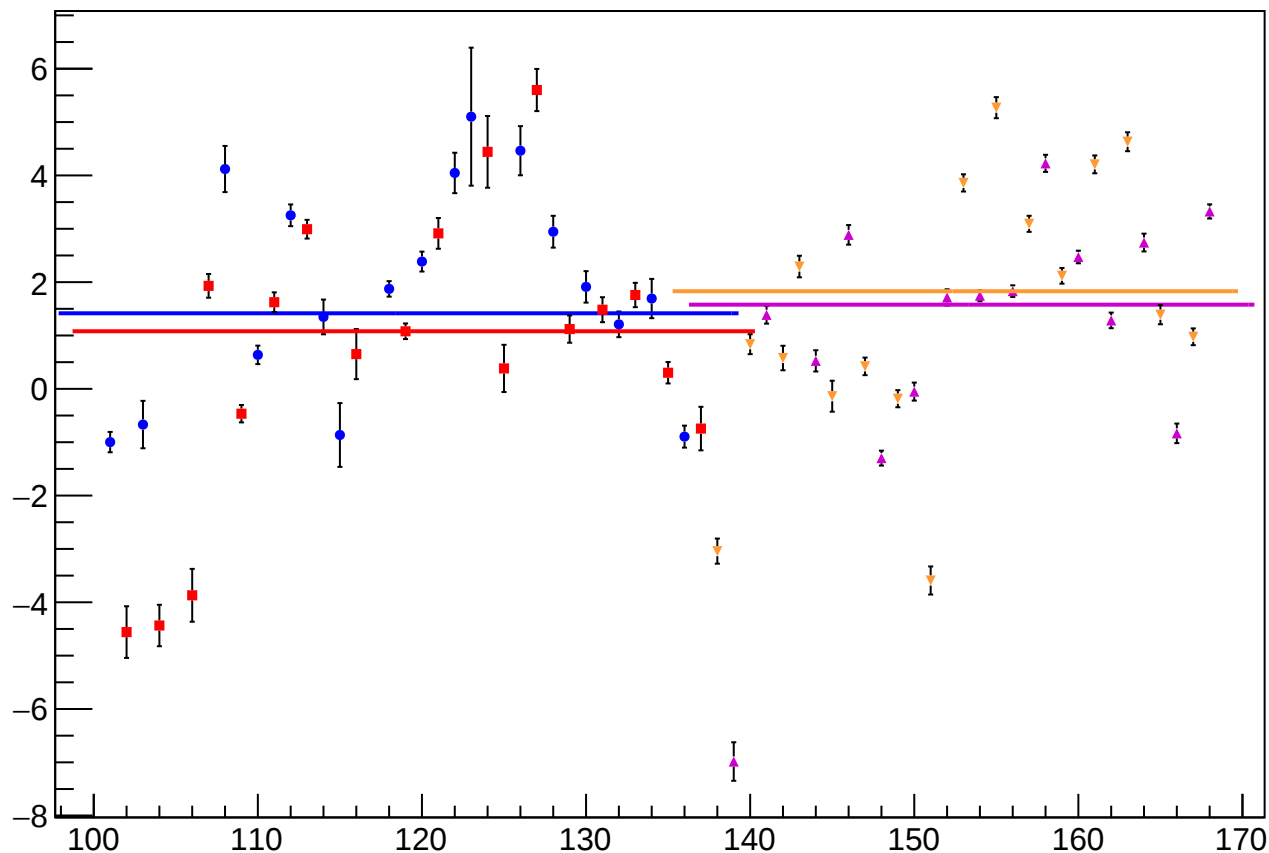
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.819+/-0.052 χ^2/NDF : 37929.8/14

Out: -24.922+/-0.061 χ^2/NDF : 56746.6/15

All: -21.373+/-0.040 χ^2/NDF : 100422.6/30

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: 1.830 ± 0.045 χ^2/NDF : 2213.5/15

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 1.578 ± 0.038 χ^2/NDF : 1896.3/14

Left: 1.682 ± 0.029 χ^2/NDF : 4127.8/30

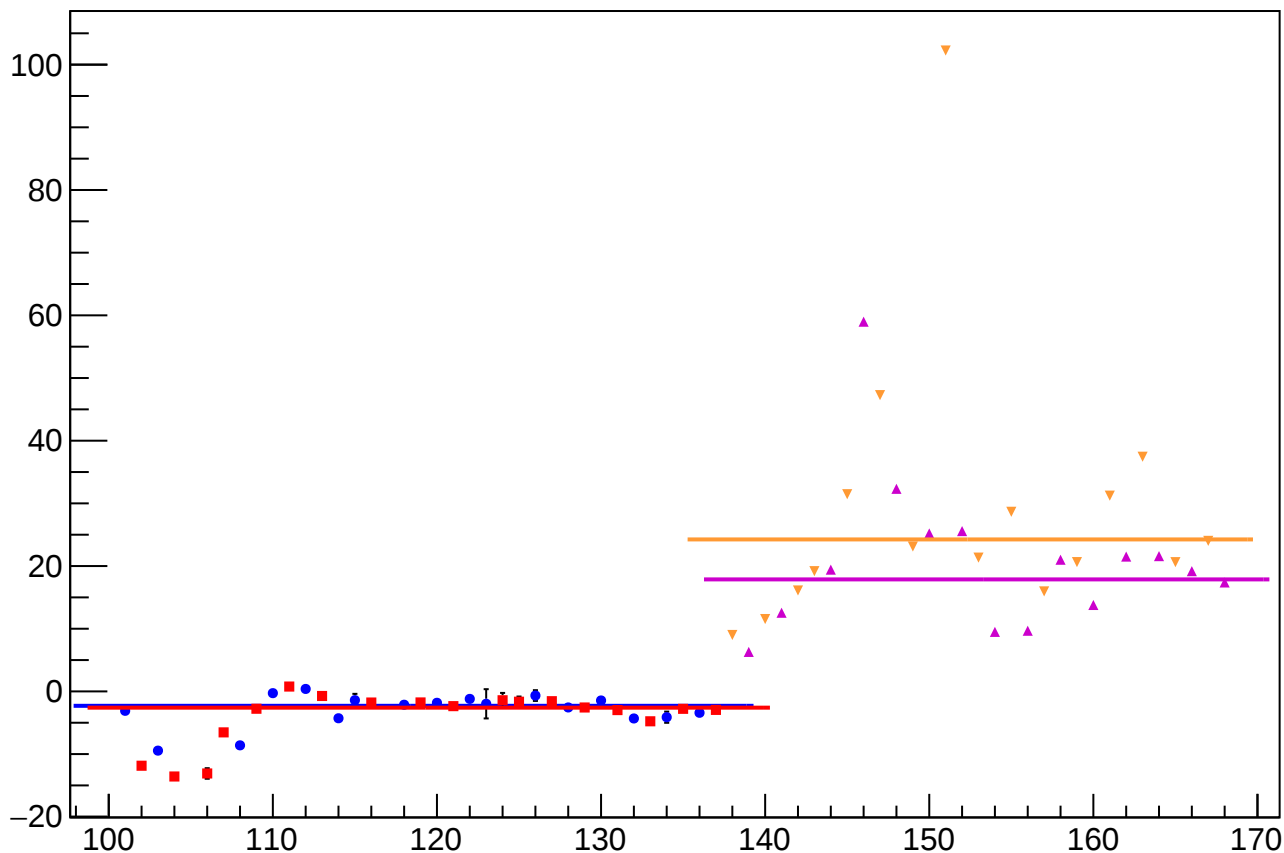
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.533 ± 0.032 χ^2/NDF : 2532.5/31

Out: 1.546 ± 0.036 χ^2/NDF : 3233.0/33

All: 1.539 ± 0.024 χ^2/NDF : 5765.6/65

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 24.247 ± 0.060 χ^2/NDF : 50811.6/15

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.870 ± 0.050 χ^2/NDF : 35762.6/14

Left: 20.494 ± 0.039 χ^2/NDF : 93140.8/30

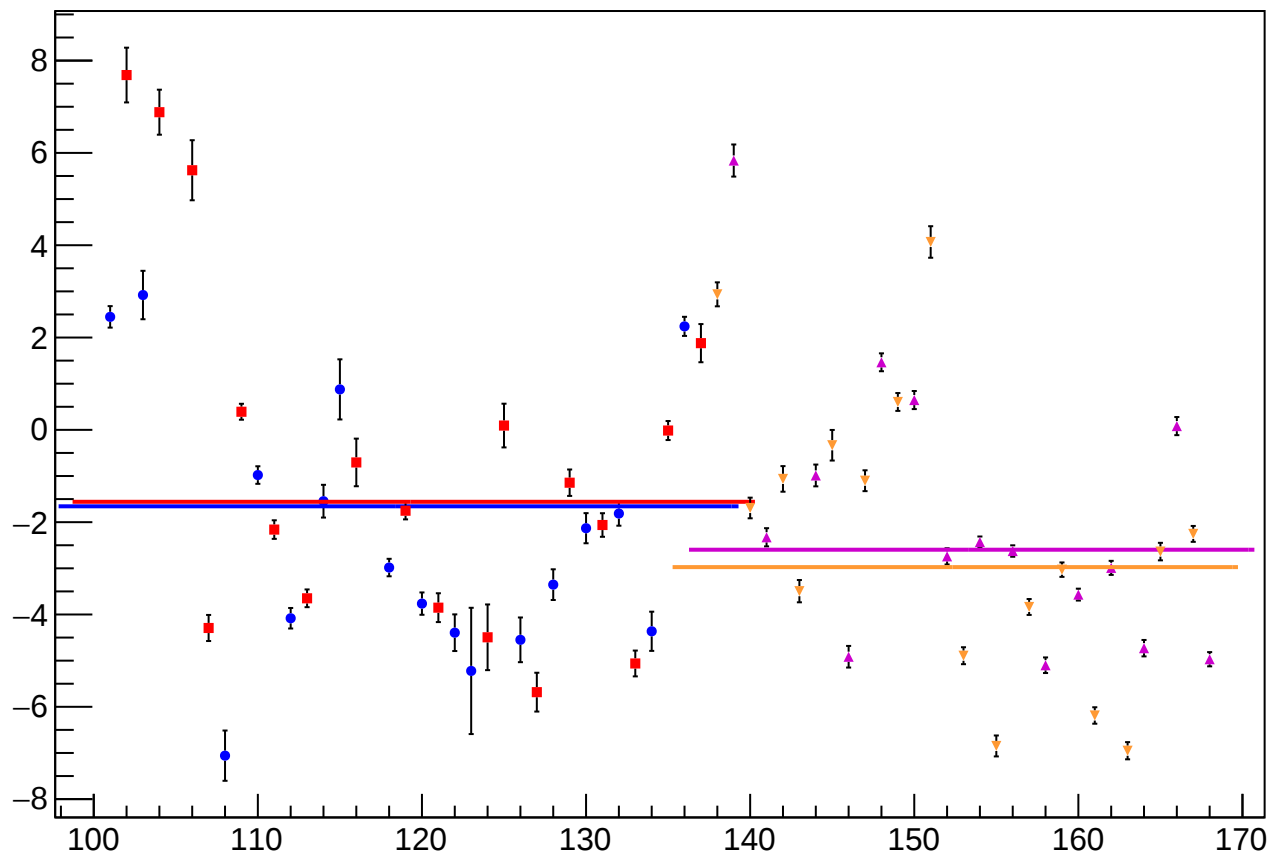
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 14.405 ± 0.046 χ^2/NDF : 63626.7/31

Out: 17.000 ± 0.052 χ^2/NDF : 105069.9/33

All: 15.553 ± 0.034 χ^2/NDF : 170108.6/65

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: -2.974 ± 0.052 χ^2/NDF : 2730.2/15

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.597 ± 0.043 χ^2/NDF : 2299.3/14

Left: -2.753 ± 0.033 χ^2/NDF : 5060.6/30

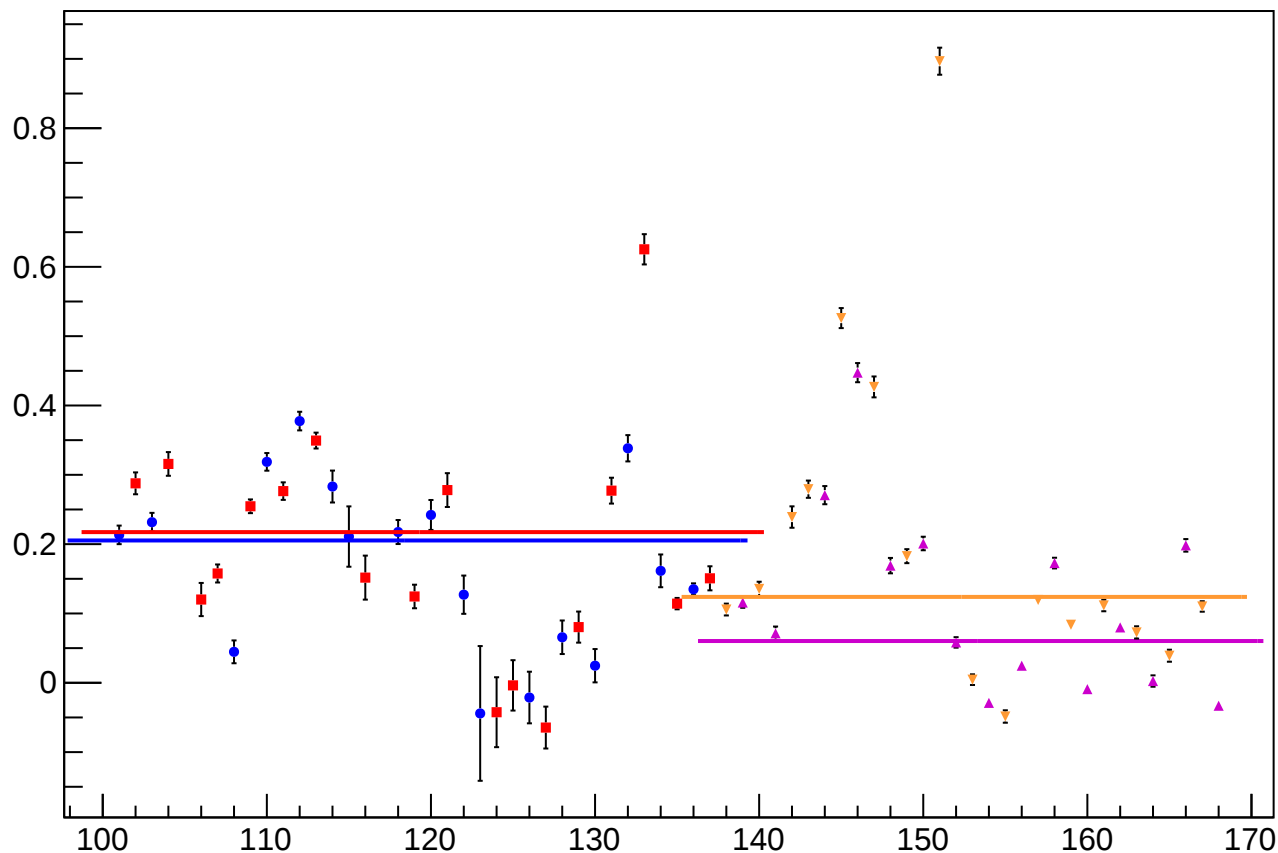
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.337 ± 0.037 χ^2/NDF : 3699.5/31

Out: -2.433 ± 0.041 χ^2/NDF : 4501.5/33

All: -2.381 ± 0.027 χ^2/NDF : 8204.0/65

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: 0.124 $\pm$ 0.002 χ^2 /NDF:3772.9/15

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.060 $\pm$ 0.002 χ^2 /NDF:2660.3/14

Left: 0.086 $\pm$ 0.001 χ^2 /NDF: 6883.8/30

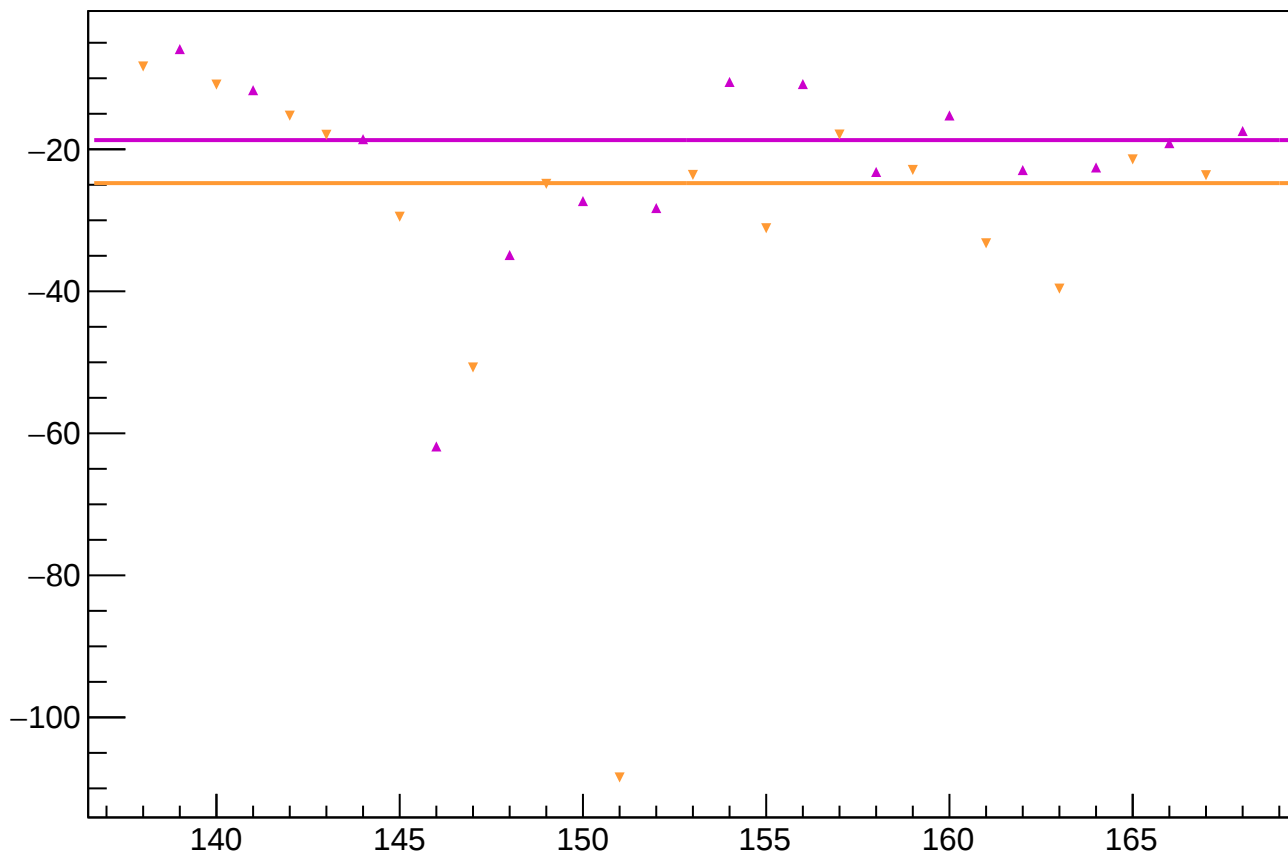
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.085 $\pm$ 0.002 χ^2 /NDF:4297.0/31

Out: 0.150 $\pm$ 0.002 χ^2 /NDF:5247.8/33

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10162.2/65

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.765+/-0.061 χ^2/NDF : 56563.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.709+/-0.052 χ^2/NDF : 37843.5/14

Left: -21.244+/-0.039 χ^2/NDF : 100138.9/30

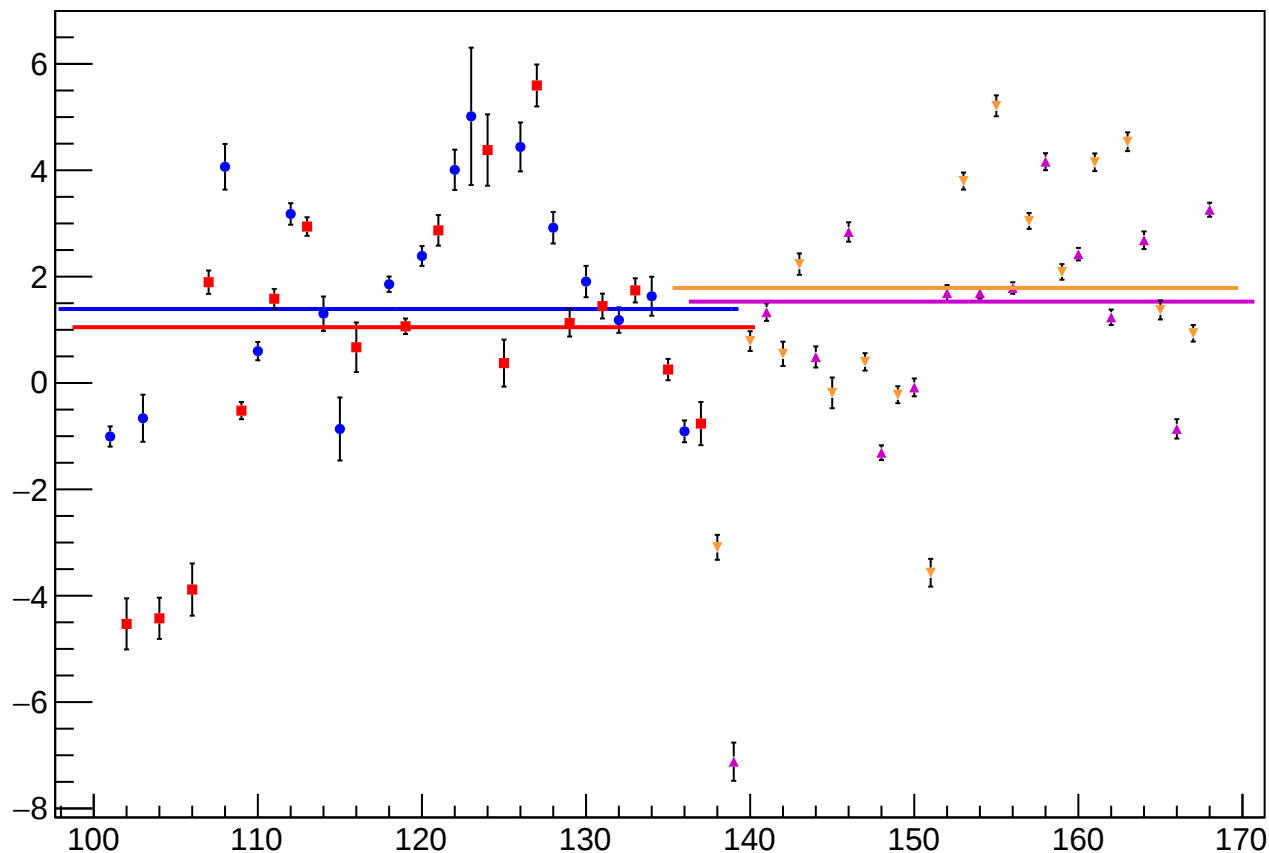
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.709+/-0.052 χ^2/NDF : 37843.5/14

Out: -24.765+/-0.061 χ^2/NDF : 56563.6/15

All: -21.244+/-0.039 χ^2/NDF : 100138.9/30

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.787 ± 0.045 χ^2/NDF : 2212.7/15

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.530 ± 0.038 χ^2/NDF : 1906.7/14

Left: 1.637 ± 0.029 χ^2/NDF : 4138.4/30

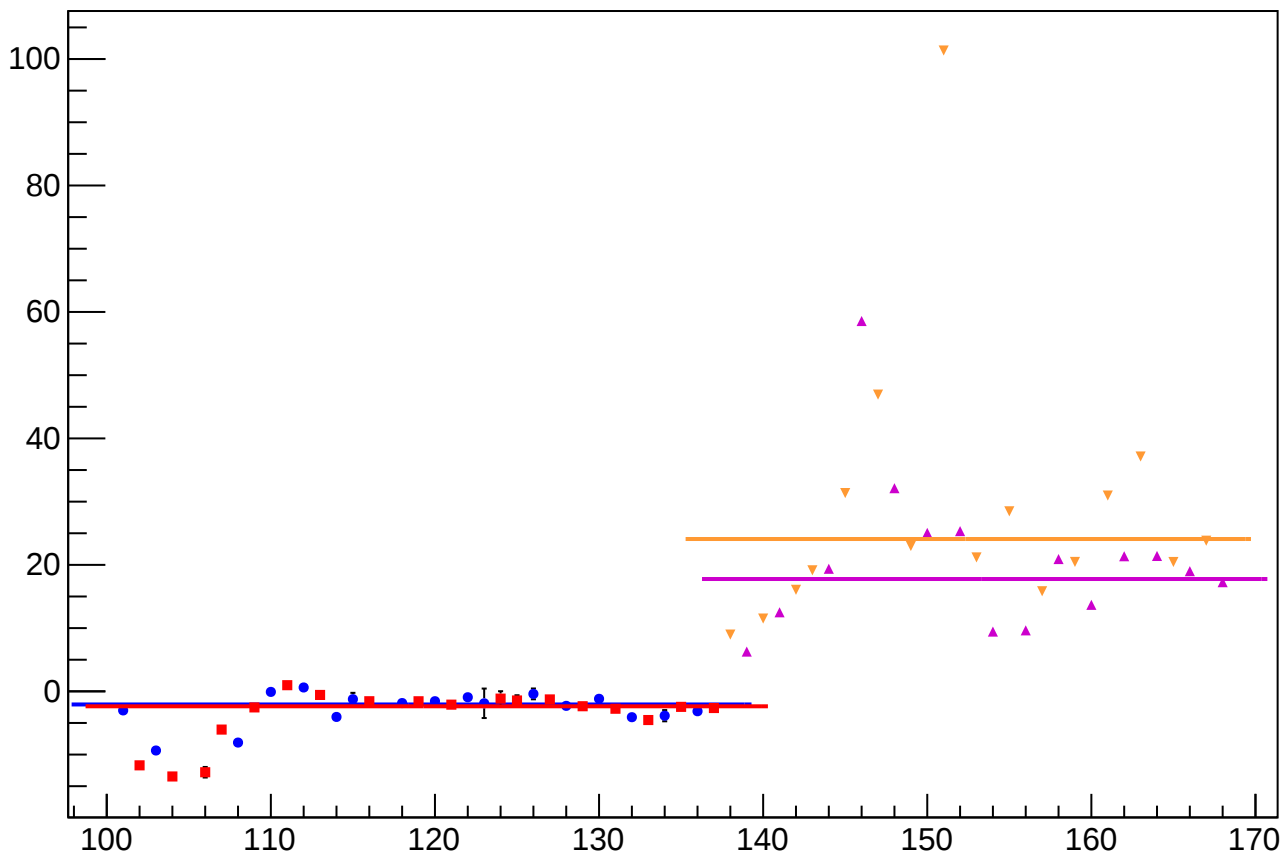
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.491 ± 0.032 χ^2/NDF : 2539.7/31

Out: 1.509 ± 0.036 χ^2/NDF : 3233.5/33

All: 1.499 ± 0.024 χ^2/NDF : 5773.3/65

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.091 ± 0.060 χ^2/NDF : 50673.5/15

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.766 ± 0.050 χ^2/NDF : 35688.2/14

Left: 20.369 ± 0.038 χ^2/NDF : 92905.9/30

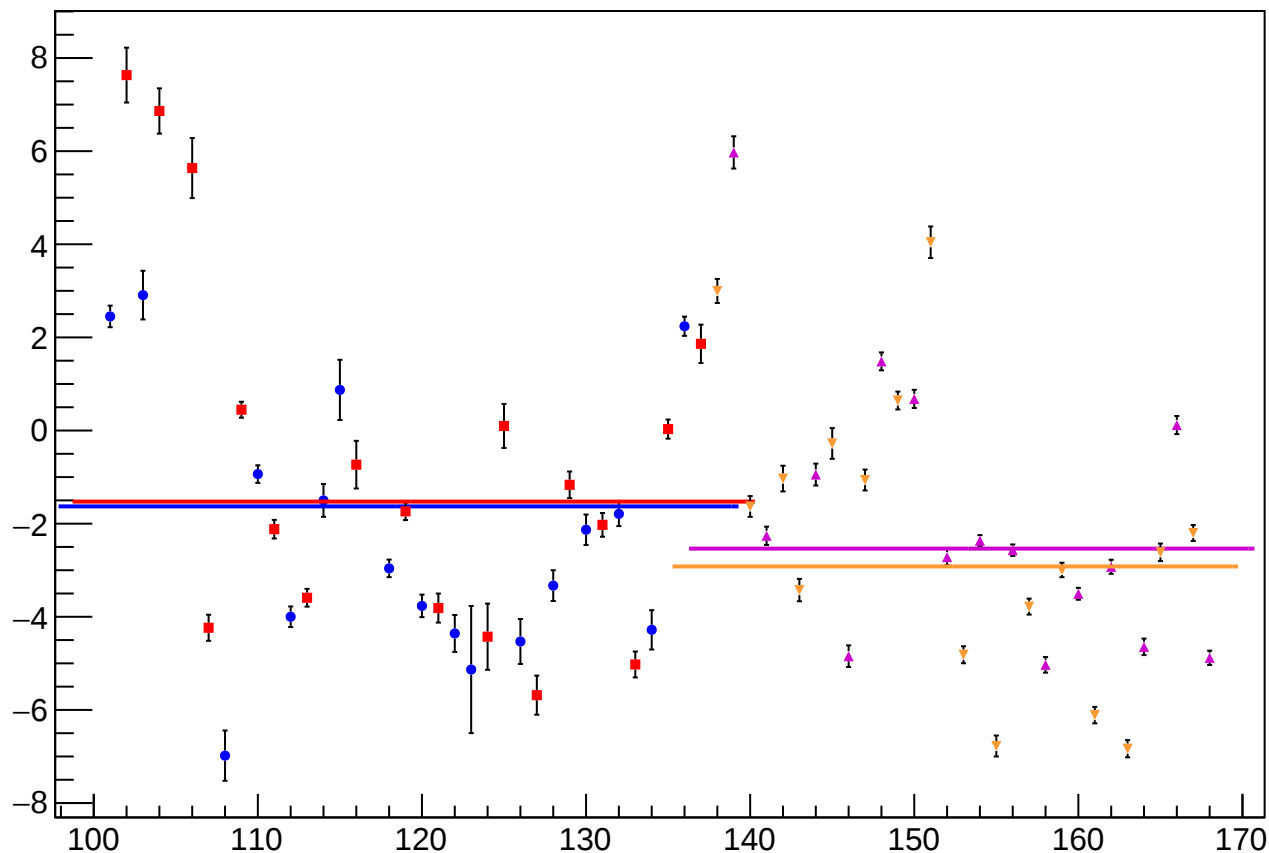
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 14.364 ± 0.046 χ^2/NDF : 62947.5/31

Out: 16.961 ± 0.051 χ^2/NDF : 104010.4/33

All: 15.513 ± 0.034 χ^2/NDF : 168388.5/65

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: -2.919 ± 0.051 χ^2/NDF : 2727.8/15

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.536 ± 0.043 χ^2/NDF : 2310.4/14

Left: -2.695 ± 0.033 χ^2/NDF : 5070.7/30

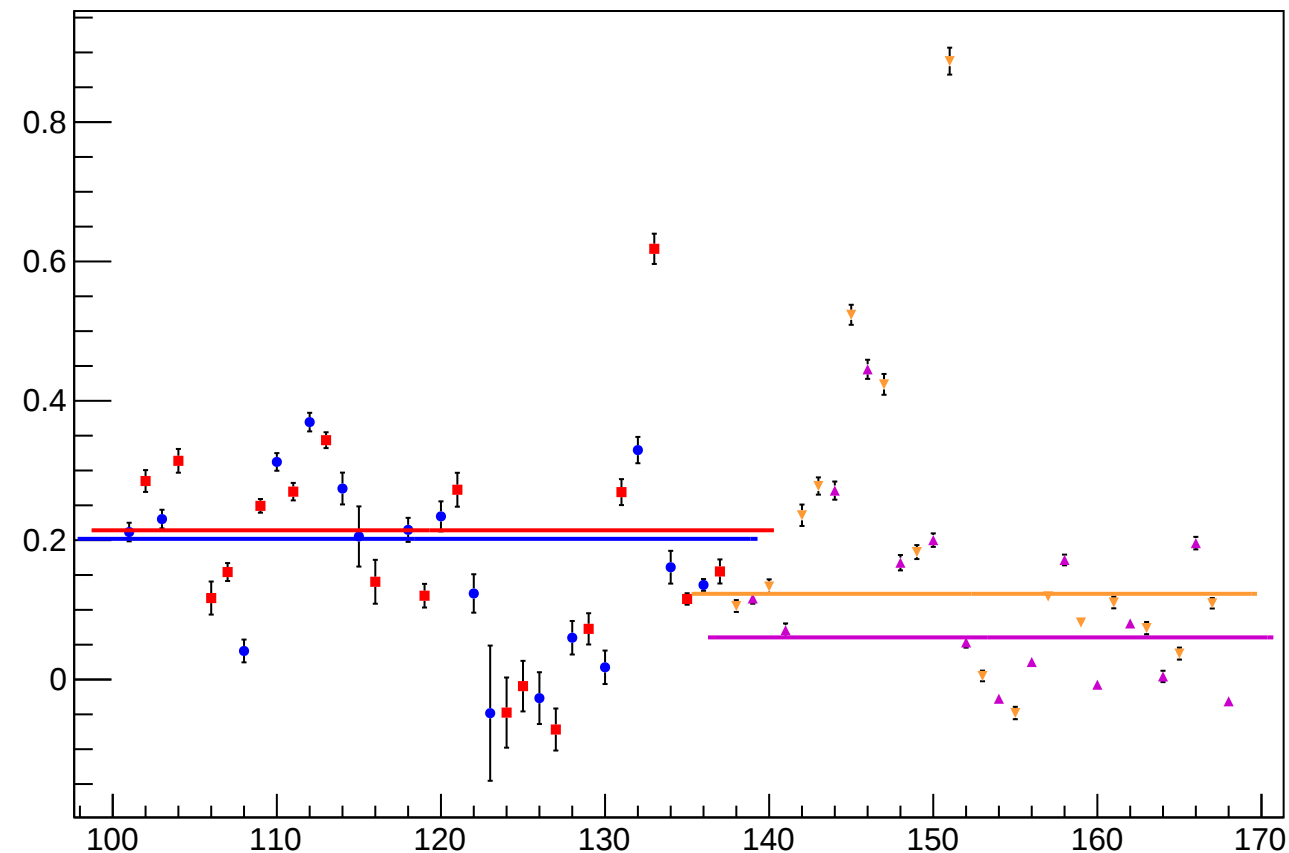
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -2.287 ± 0.037 χ^2/NDF : 3697.9/31

Out: -2.388 ± 0.040 χ^2/NDF : 4496.6/33

All: -2.333 ± 0.027 χ^2/NDF : 8198.0/65

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.123 ± 0.002 χ^2/NDF : 3767.9/15

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.060 ± 0.002 χ^2/NDF : 2641.0/14

Left: 0.085 ± 0.001 χ^2/NDF : 6850.0/30

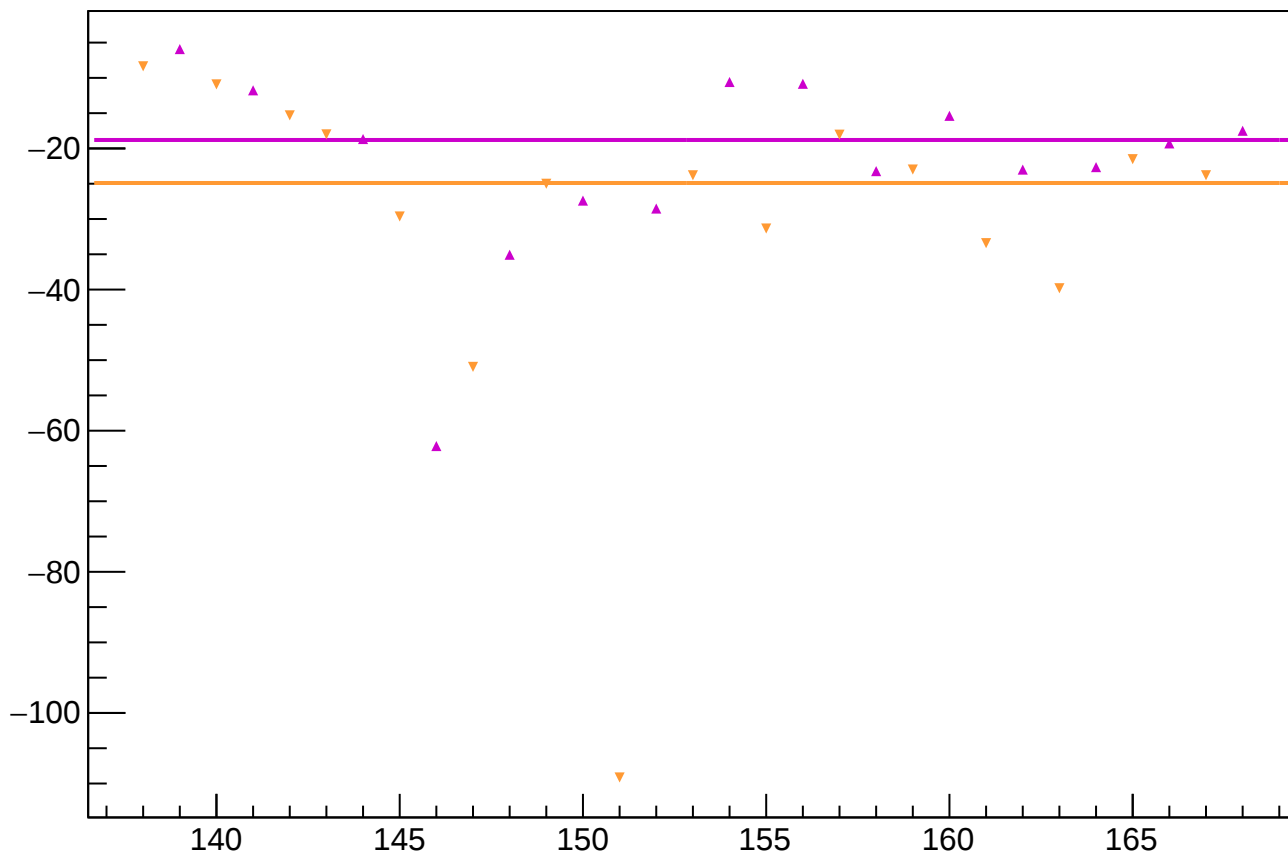
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.085 ± 0.002 χ^2/NDF : 4221.7/31

Out: 0.149 ± 0.002 χ^2/NDF : 5207.4/33

All: 0.112 ± 0.001 χ^2/NDF : 10032.6/65

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.896+/-0.061 χ^2/NDF : 56692.1/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.800+/-0.052 χ^2/NDF : 37903.9/14

Left: -21.350+/-0.040 χ^2/NDF : 100355.6/30

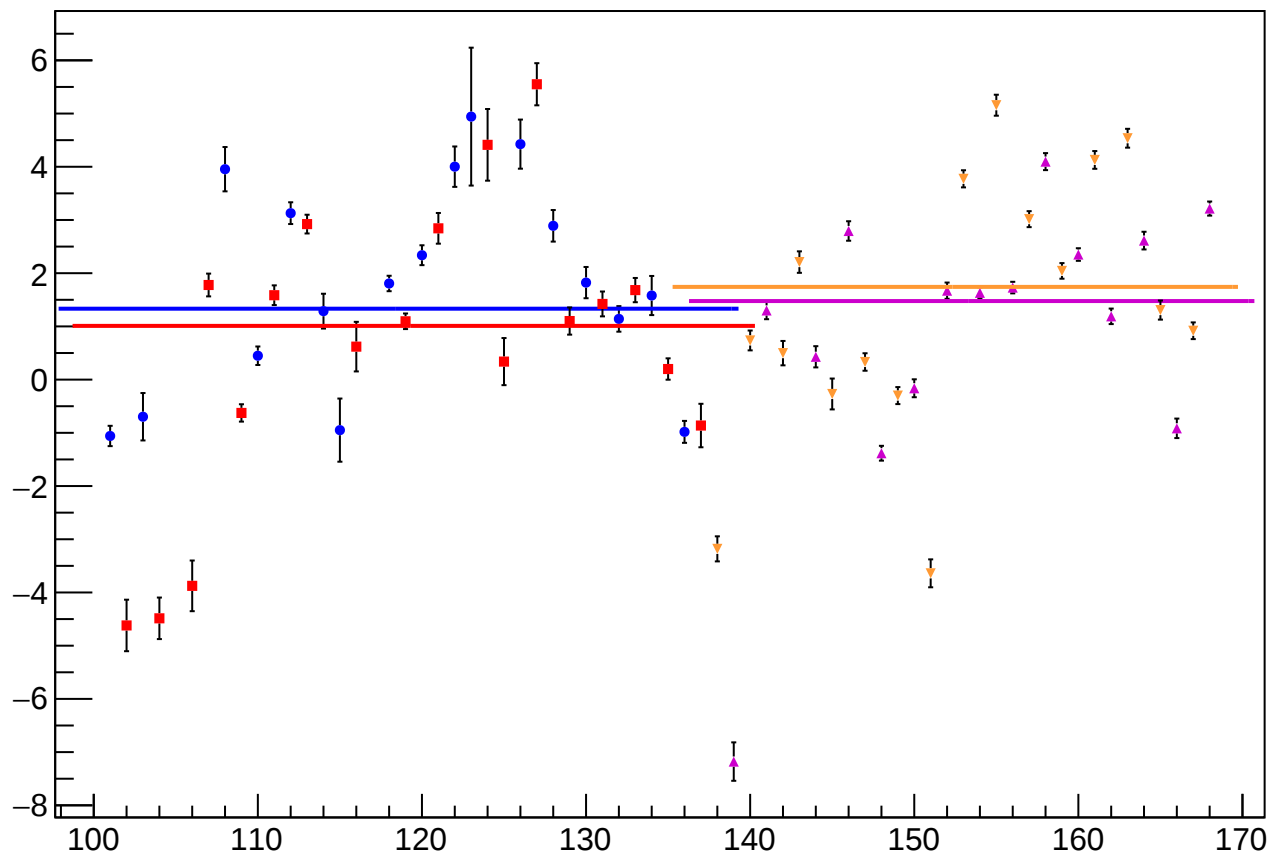
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.800+/-0.052 χ^2/NDF : 37903.9/14

Out: -24.896+/-0.061 χ^2/NDF : 56692.1/15

All: -21.350+/-0.040 χ^2/NDF : 100355.6/30

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: 1.743 ± 0.045 χ^2/NDF : 2229.2/15

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.476 ± 0.038 χ^2/NDF : 1897.3/14

Left: 1.587 ± 0.029 χ^2/NDF : 4146.7/30

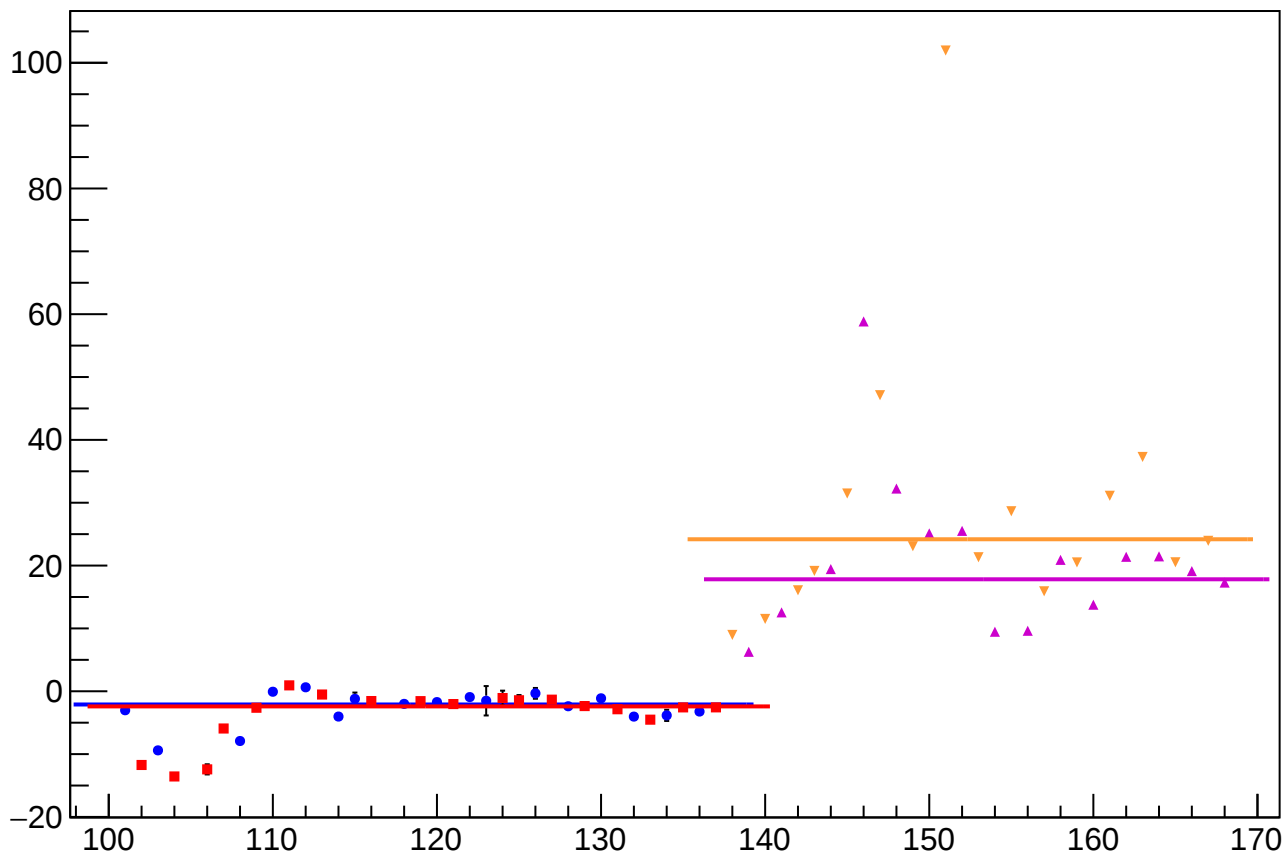
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.436 ± 0.032 χ^2/NDF : 2535.8/31

Out: 1.465 ± 0.036 χ^2/NDF : 3258.6/33

All: 1.449 ± 0.024 χ^2/NDF : 5794.7/65

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.186 ± 0.060 χ^2/NDF : 50783.7/15

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.817 ± 0.050 χ^2/NDF : 35759.2/14

Left: 20.437 ± 0.039 χ^2/NDF : 93125.4/30

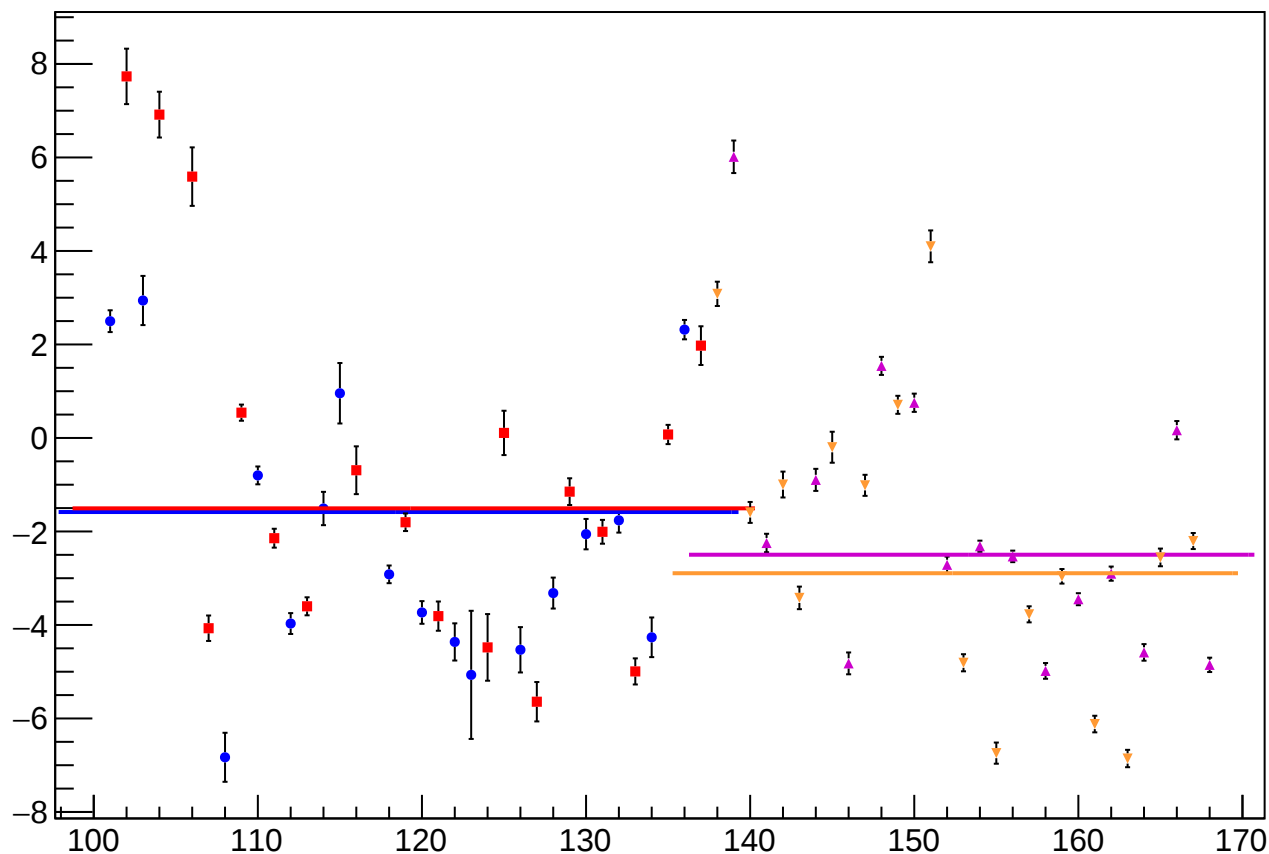
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 14.411 ± 0.046 χ^2/NDF : 62960.8/31

Out: 17.026 ± 0.051 χ^2/NDF : 104166.9/33

All: 15.567 ± 0.034 χ^2/NDF : 168566.7/65

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: -2.893 ± 0.052 χ^2/NDF : 2751.4/15

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.498 ± 0.043 χ^2/NDF : 2301.8/14

Left: -2.662 ± 0.033 χ^2/NDF : 5087.7/30

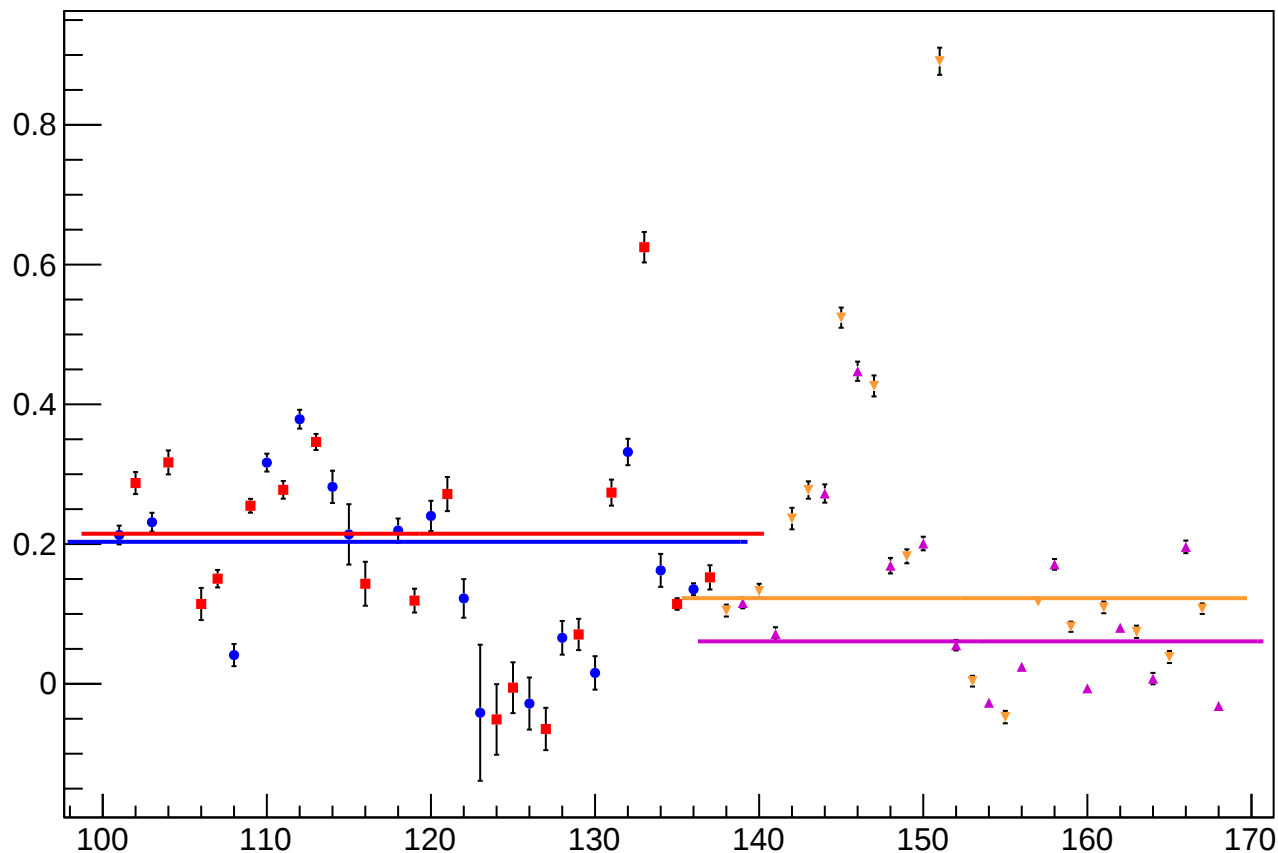
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -2.247 ± 0.037 χ^2/NDF : 3695.8/31

Out: -2.364 ± 0.041 χ^2/NDF : 4527.9/33

All: -2.300 ± 0.027 χ^2/NDF : 8228.2/65

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.123 $\pm$ 0.002 χ^2 /NDF:3756.7/15

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.061 $\pm$ 0.002 χ^2 /NDF:2626.3/14

Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 6810.3/30

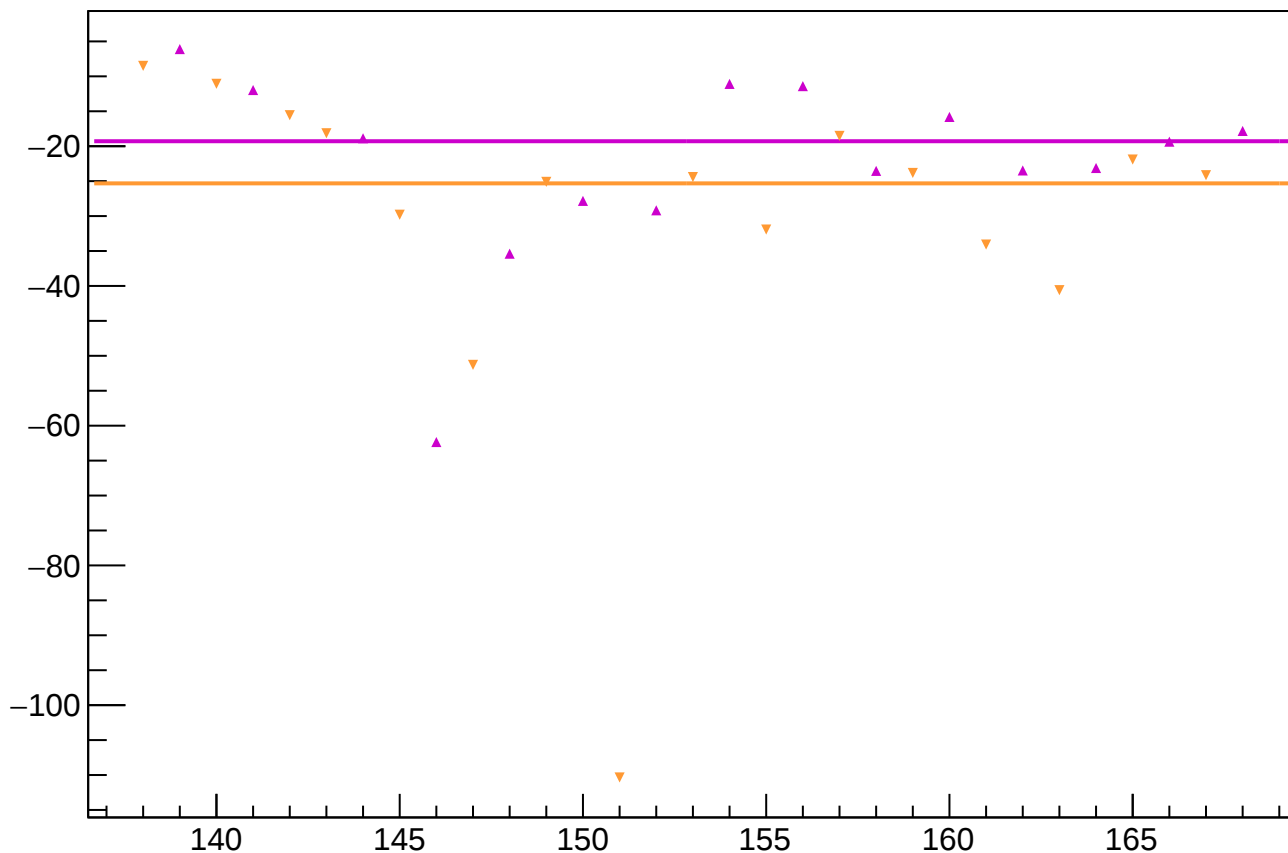
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.085 $\pm$ 0.002 χ^2 /NDF:4242.4/31

Out: 0.149 $\pm$ 0.002 χ^2 /NDF:5235.5/33

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10067.4/65

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.319+/-0.062 χ^2/NDF :56617.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.287+/-0.053 χ^2/NDF :36798.9/14

Left: -21.828+/-0.040 χ^2/NDF : 98833.0/30

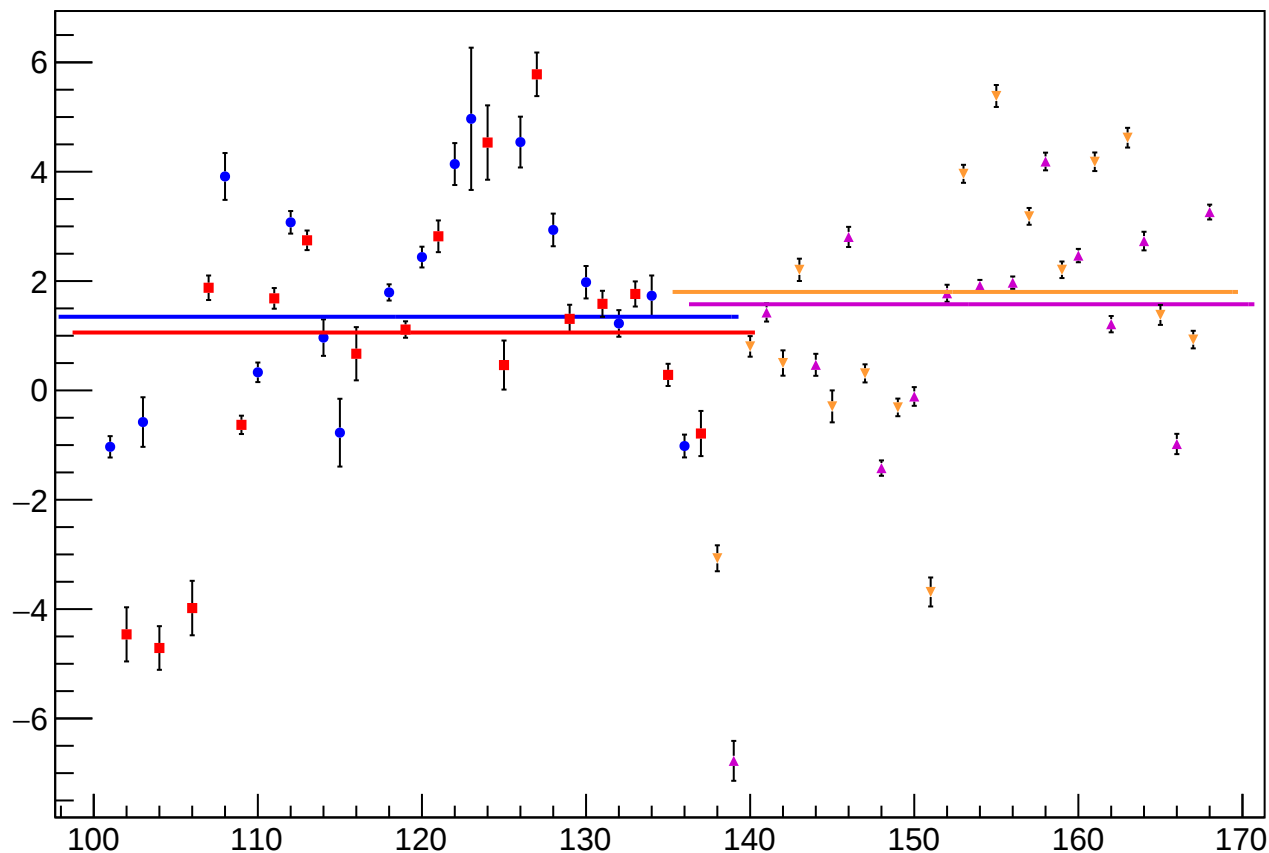
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.287+/-0.053 χ^2/NDF :36798.9/14

Out: -25.319+/-0.062 χ^2/NDF :56617.4/15

All: -21.828+/-0.040 χ^2/NDF : 98833.0/30

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: 1.801 $\pm$ 0.046 χ^2 /NDF:2269.6/15

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.576 $\pm$ 0.039 χ^2 /NDF:1883.4/14

Left: 1.670 $\pm$ 0.030 χ^2 /NDF: 4166.9/30

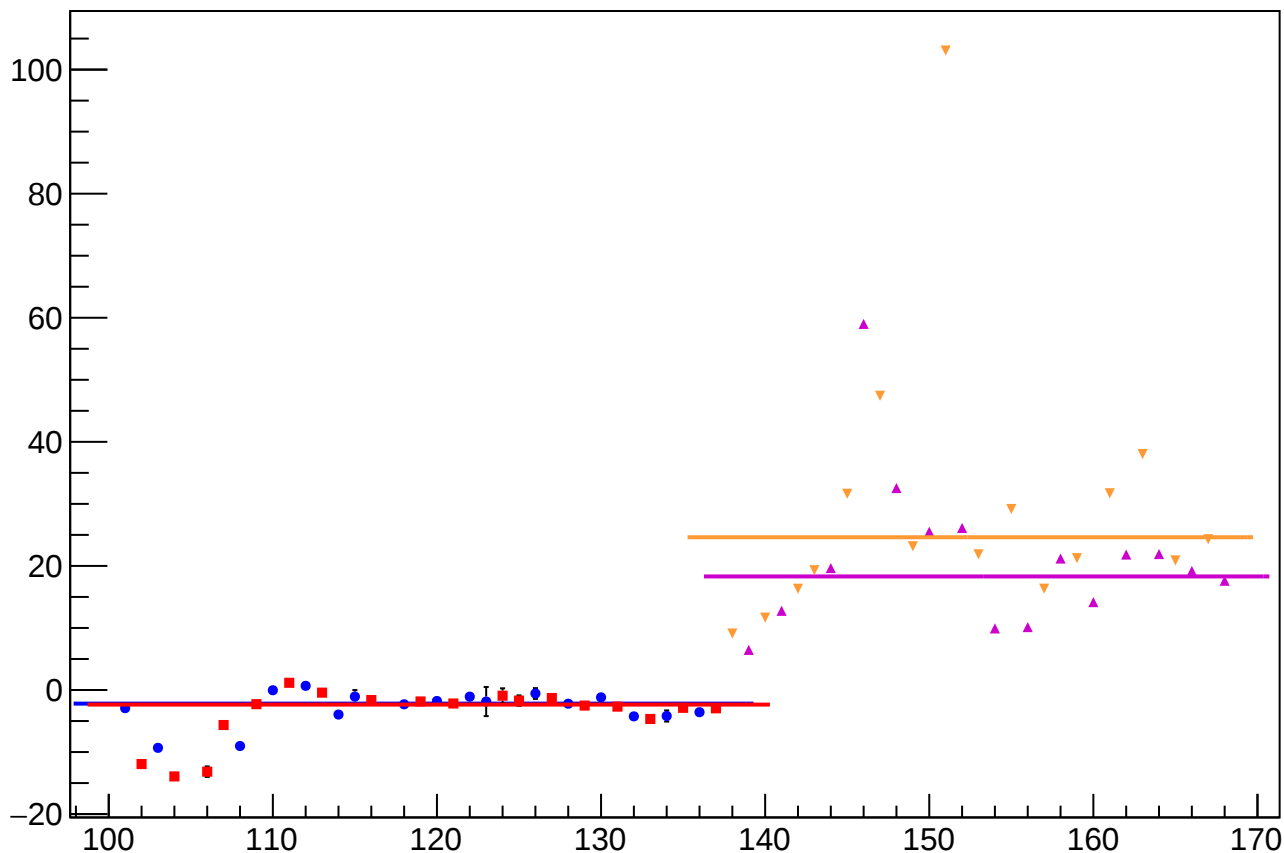
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.511 $\pm$ 0.033 χ^2 /NDF:2523.1/31

Out: 1.522 $\pm$ 0.036 χ^2 /NDF:3272.7/33

All: 1.516 $\pm$ 0.024 χ^2 /NDF: 5795.9/65

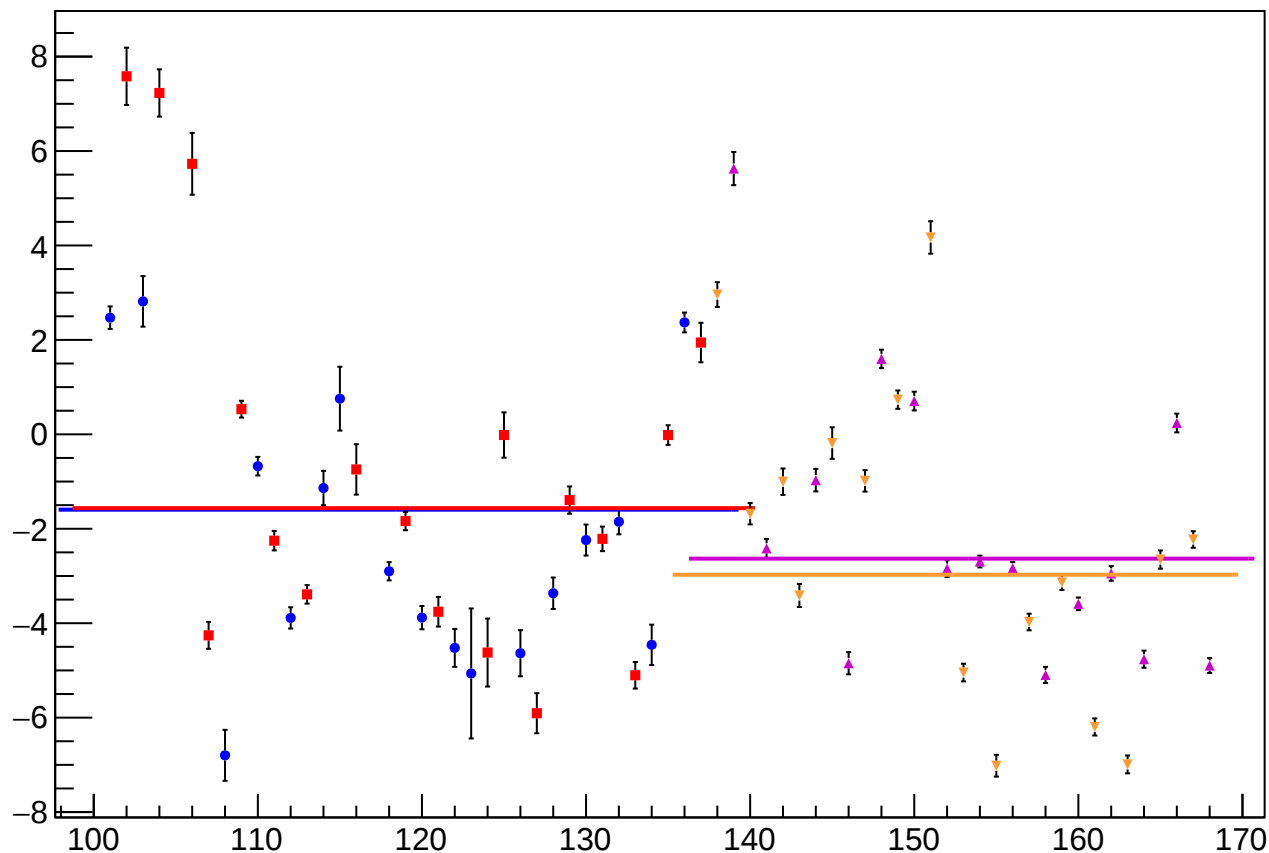
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 24.621 ± 0.061 $\chi^2/\text{NDF}: 50562.1/15$
 Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$
 Left In: 18.306 ± 0.052 $\chi^2/\text{NDF}: 34529.7/14$

Left: 20.923 ± 0.039 $\chi^2/\text{NDF}: 91301.9/30$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$
 In: 14.763 ± 0.047 $\chi^2/\text{NDF}: 62288.1/31$
 Out: 17.392 ± 0.052 $\chi^2/\text{NDF}: 103319.5/33$
 All: 15.931 ± 0.035 $\chi^2/\text{NDF}: 167003.8/65$

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: -2.973 ± 0.052 χ^2/NDF : 2791.1/15

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.632 ± 0.044 χ^2/NDF : 2265.6/14

Left: -2.775 ± 0.034 χ^2/NDF : 5081.3/30

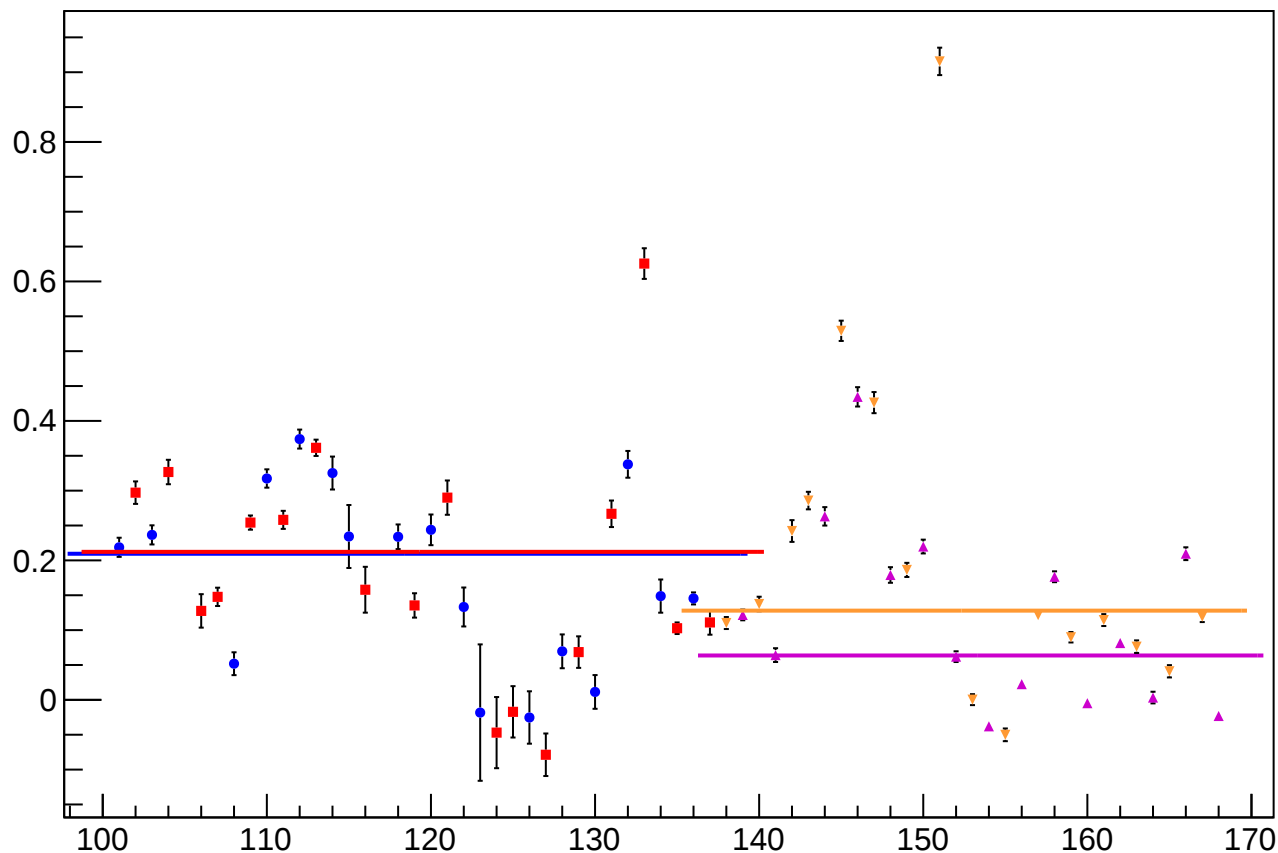
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.344 ± 0.038 χ^2/NDF : 3672.1/31

Out: -2.437 ± 0.041 χ^2/NDF : 4527.5/33

All: -2.386 ± 0.028 χ^2/NDF : 8202.3/65

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 χ^2/NDF : 597.7/16

Left Out: 0.128 ± 0.002 χ^2/NDF : 3807.6/15

Right Out: 0.212 ± 0.004 χ^2/NDF : 1096.9/17

Left In: 0.064 ± 0.002 χ^2/NDF : 2660.9/14

Left: 0.089 ± 0.001 χ^2/NDF : 6911.4/30

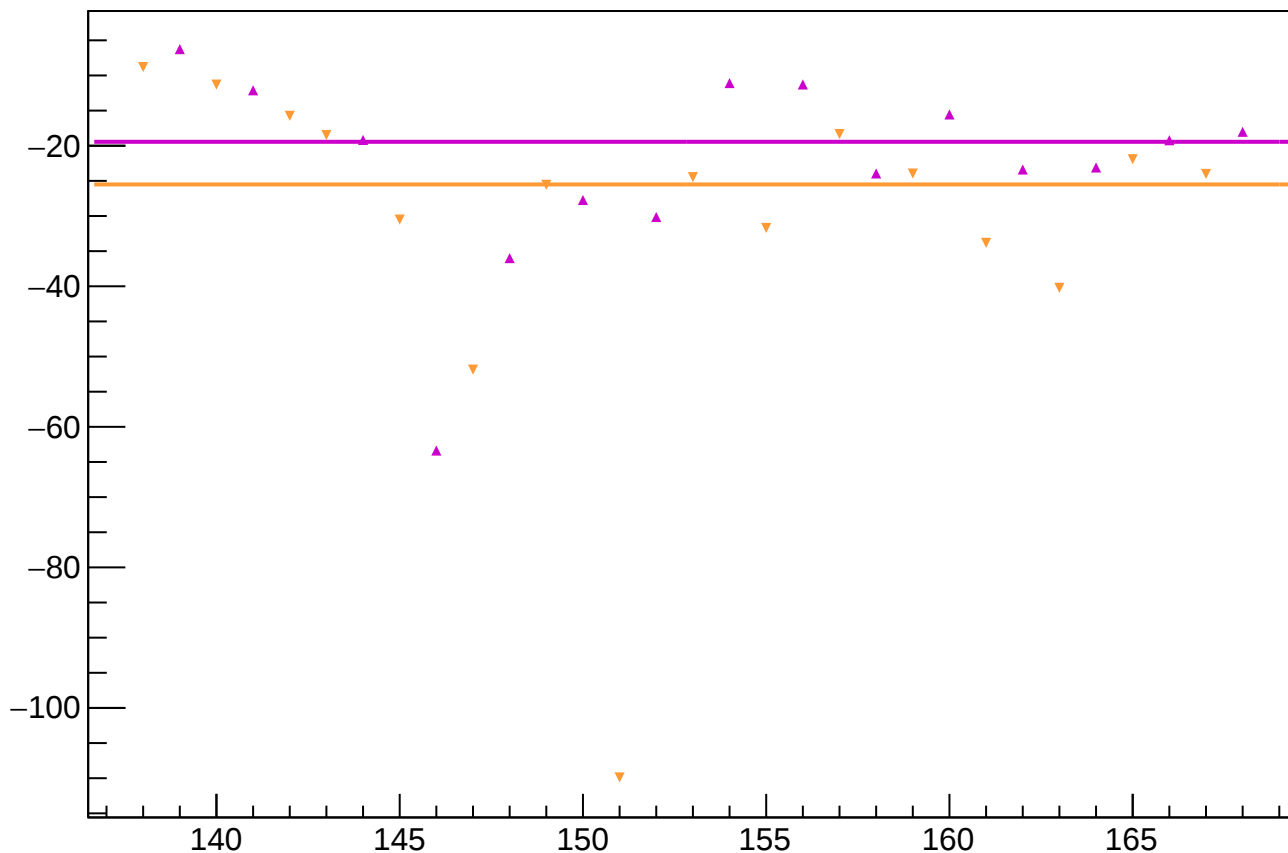
Right: 0.211 ± 0.003 χ^2/NDF : 1694.9/34

In: 0.089 ± 0.002 χ^2/NDF : 4251.4/31

Out: 0.152 ± 0.002 χ^2/NDF : 5262.7/33

All: 0.116 ± 0.001 χ^2/NDF : 10065.6/65

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: -25.509+/-0.063 χ^2/NDF :55400.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.440+/-0.054 χ^2/NDF :37047.9/14

Left: -22.010+/-0.041 χ^2/NDF : 97814.7/30

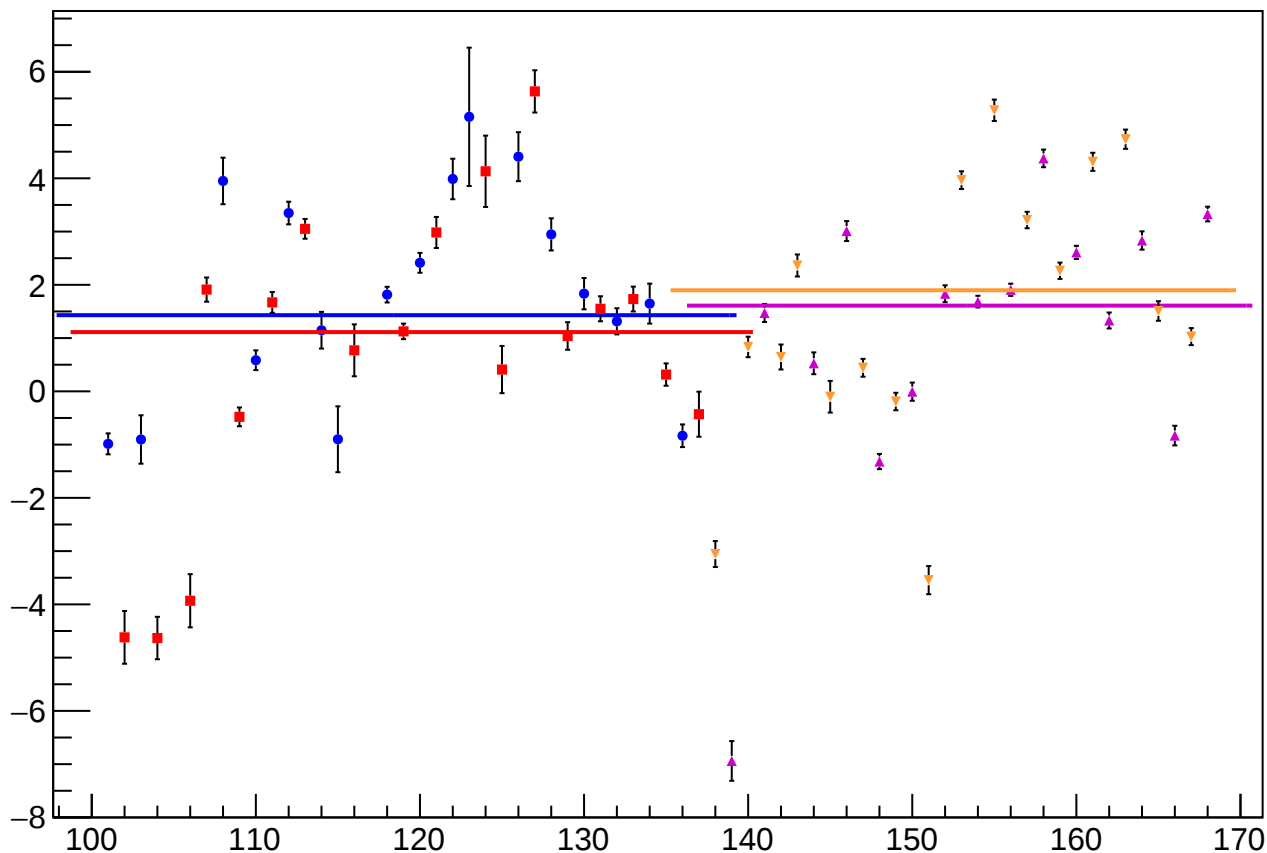
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.440+/-0.054 χ^2/NDF :37047.9/14

Out: -25.509+/-0.063 χ^2/NDF :55400.6/15

All: -22.010+/-0.041 χ^2/NDF : 97814.7/30

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: 1.898 $\pm$ 0.046 χ^2 /NDF:2181.7/15

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.610 $\pm$ 0.040 χ^2 /NDF:1855.1/14

Left: 1.731 $\pm$ 0.030 χ^2 /NDF: 4059.2/30

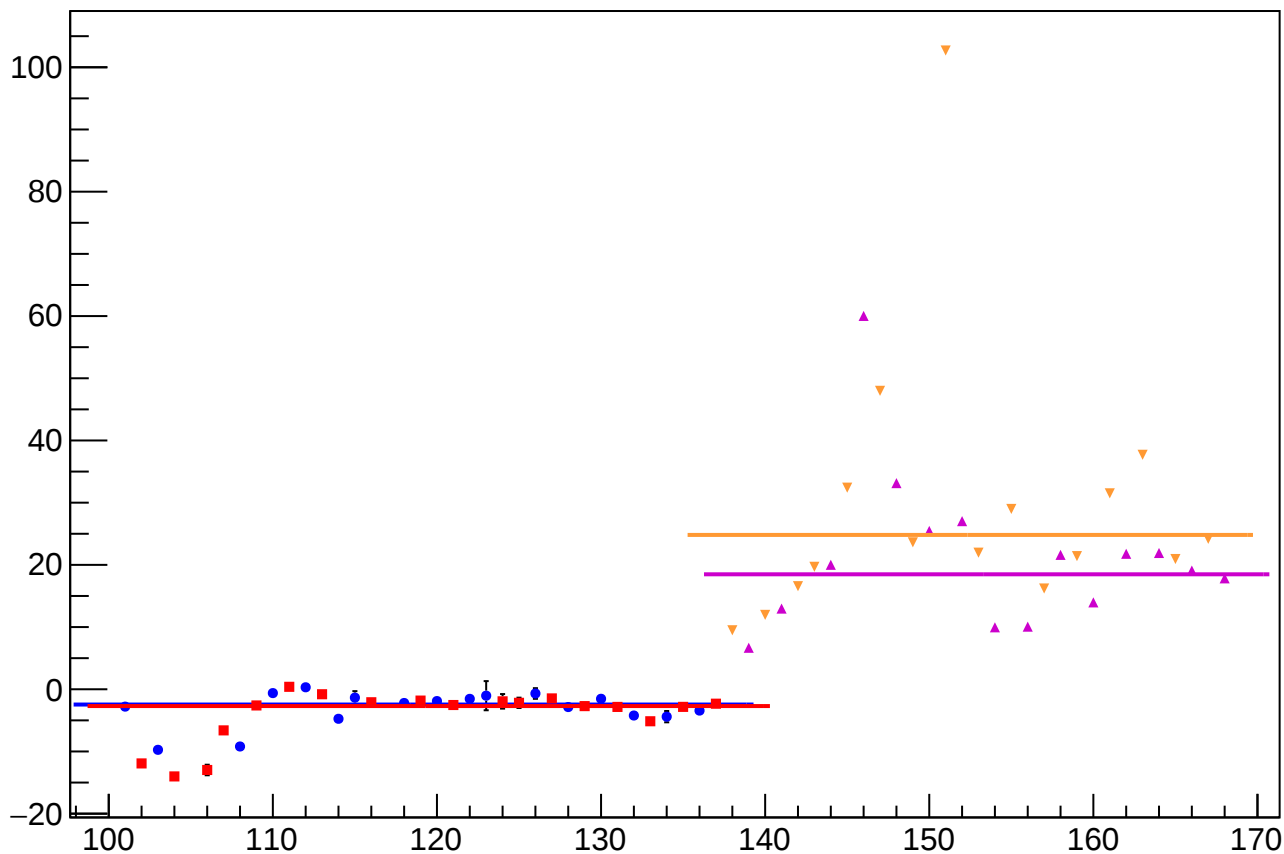
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.559 $\pm$ 0.033 χ^2 /NDF:2459.0/31

Out: 1.604 $\pm$ 0.037 χ^2 /NDF:3176.3/33

All: 1.579 $\pm$ 0.025 χ^2 /NDF: 5636.2/65

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.815 ± 0.062 χ^2/NDF : 49606.0/15

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.483 ± 0.052 χ^2/NDF : 34811.8/14

Left: 21.123 ± 0.040 χ^2/NDF : 90529.2/30

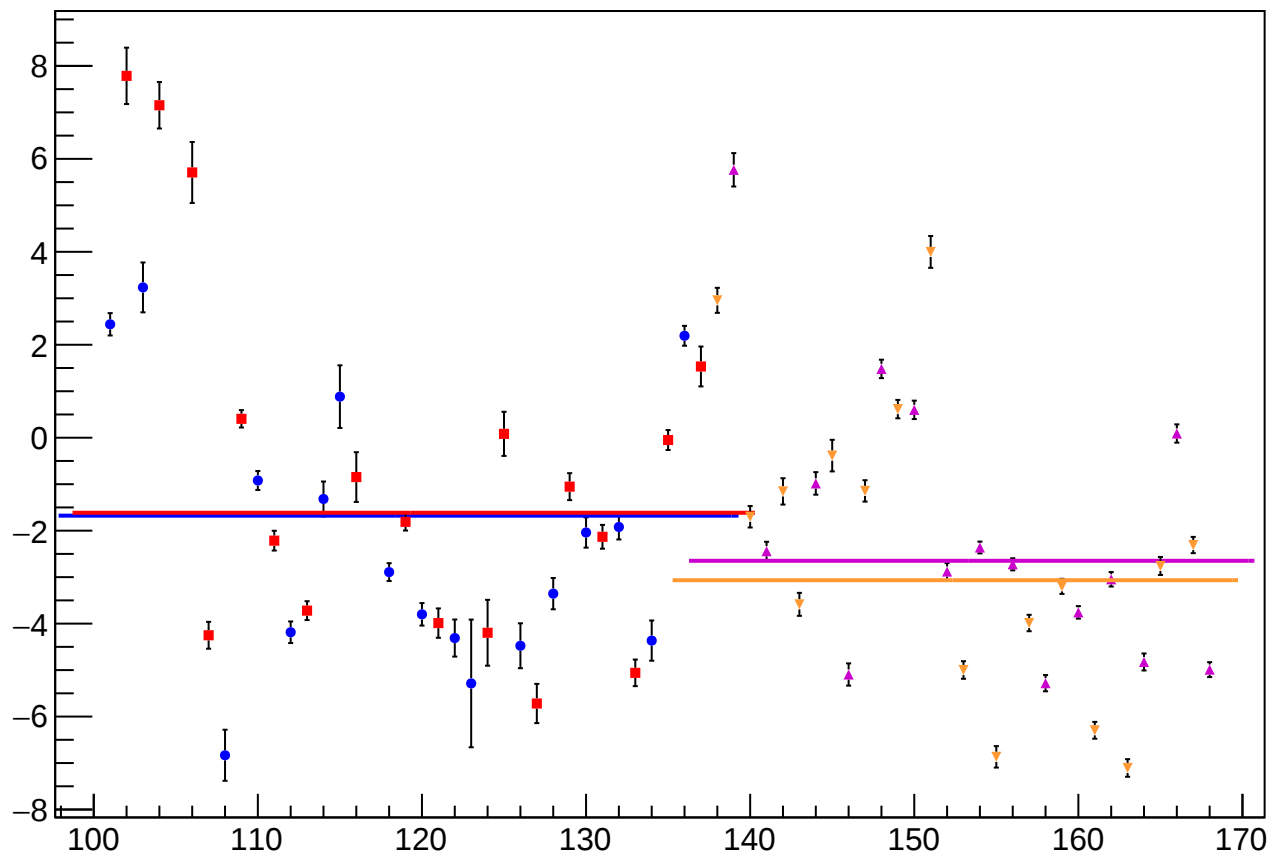
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 14.872 ± 0.048 χ^2/NDF : 62877.2/31

Out: 17.582 ± 0.053 χ^2/NDF : 102468.1/33

All: 16.079 ± 0.035 χ^2/NDF : 166791.0/65

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: -3.066 ± 0.053 χ^2/NDF : 2685.7/15

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -2.648 ± 0.045 χ^2/NDF : 2259.0/14

Left: -2.824 ± 0.034 χ^2/NDF : 4980.8/30

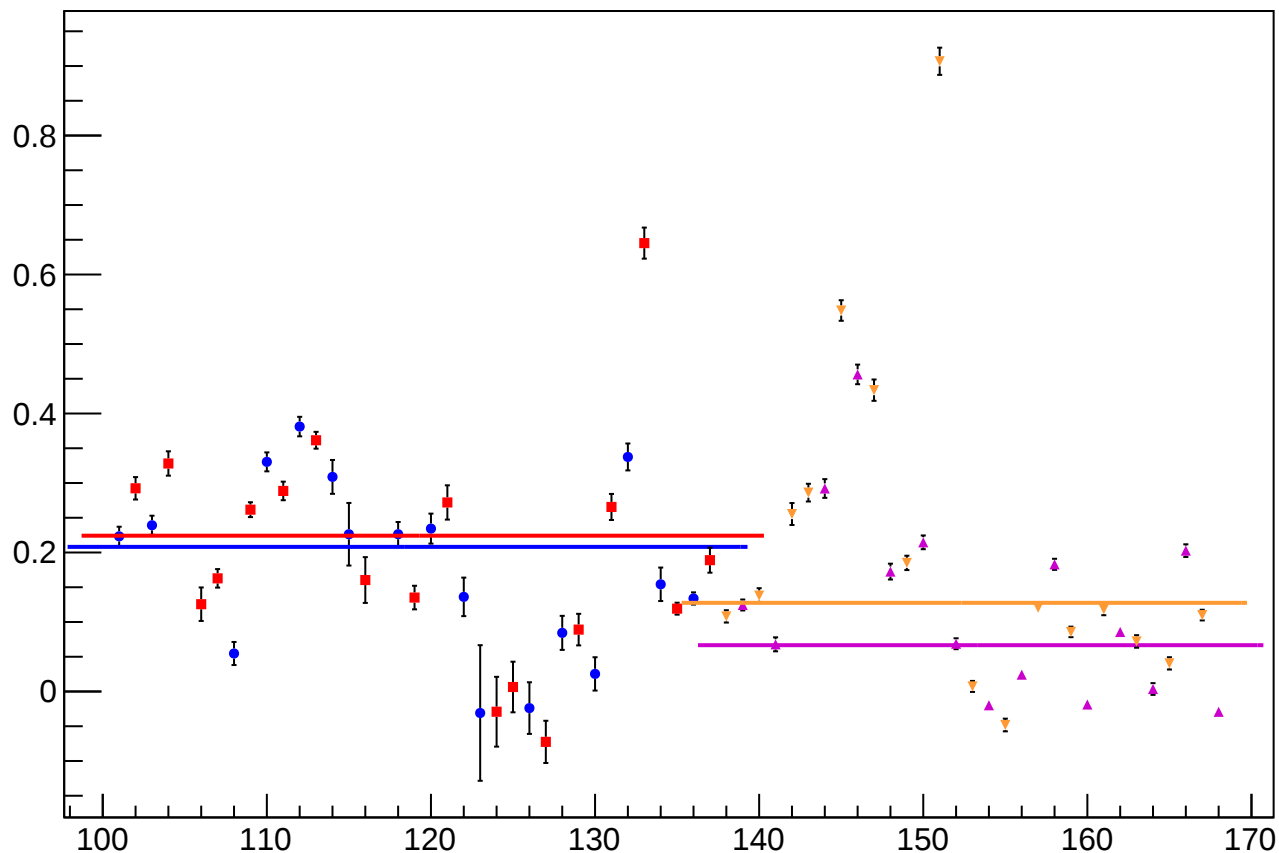
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -2.377 ± 0.038 χ^2/NDF : 3593.4/31

Out: -2.519 ± 0.042 χ^2/NDF : 4396.8/33

All: -2.442 ± 0.028 χ^2/NDF : 7996.5/65

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.128 ± 0.002 χ^2/NDF : 3820.8/15

Right Out: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.067 ± 0.002 χ^2/NDF : 2674.0/14

Left: 0.091 ± 0.002 χ^2/NDF : 6884.0/30

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.091 ± 0.002 χ^2/NDF : 4182.9/31

Out: 0.154 ± 0.002 χ^2/NDF : 5271.1/33

All: 0.119 ± 0.001 χ^2/NDF : 9997.3/65