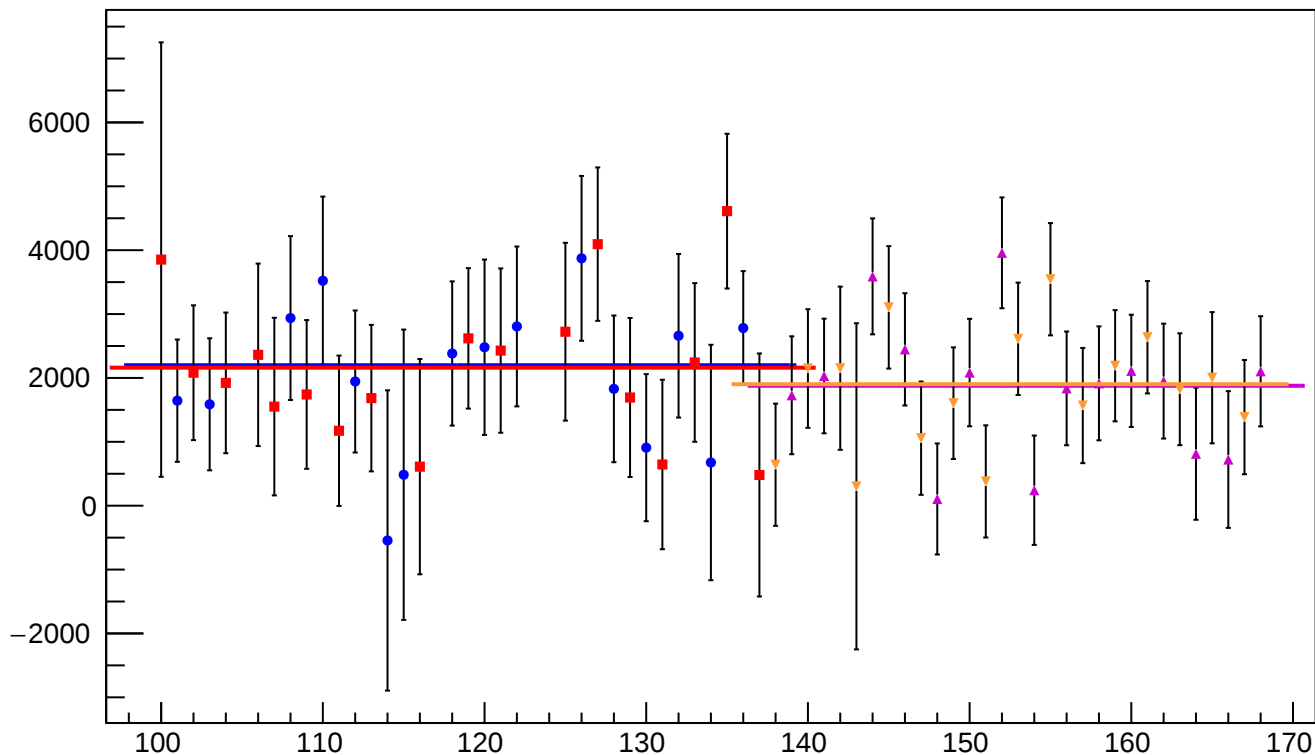


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1902.100+/-236.245

Right Out: 2160.742+/-303.587

Left In: 1877.539+/-232.130

χ^2/NDF : 8.6/15

χ^2/NDF :13.3/15

χ^2/NDF : 11.7/17

χ^2/NDF :20.0/14

Left: 1889.603+/-165.576

Right: 2179.612+/-215.784

In: 1994.541+/-185.107

Out: 1999.651+/-186.444

All: 1997.078+/-131.361

χ^2/NDF : 33.3/30

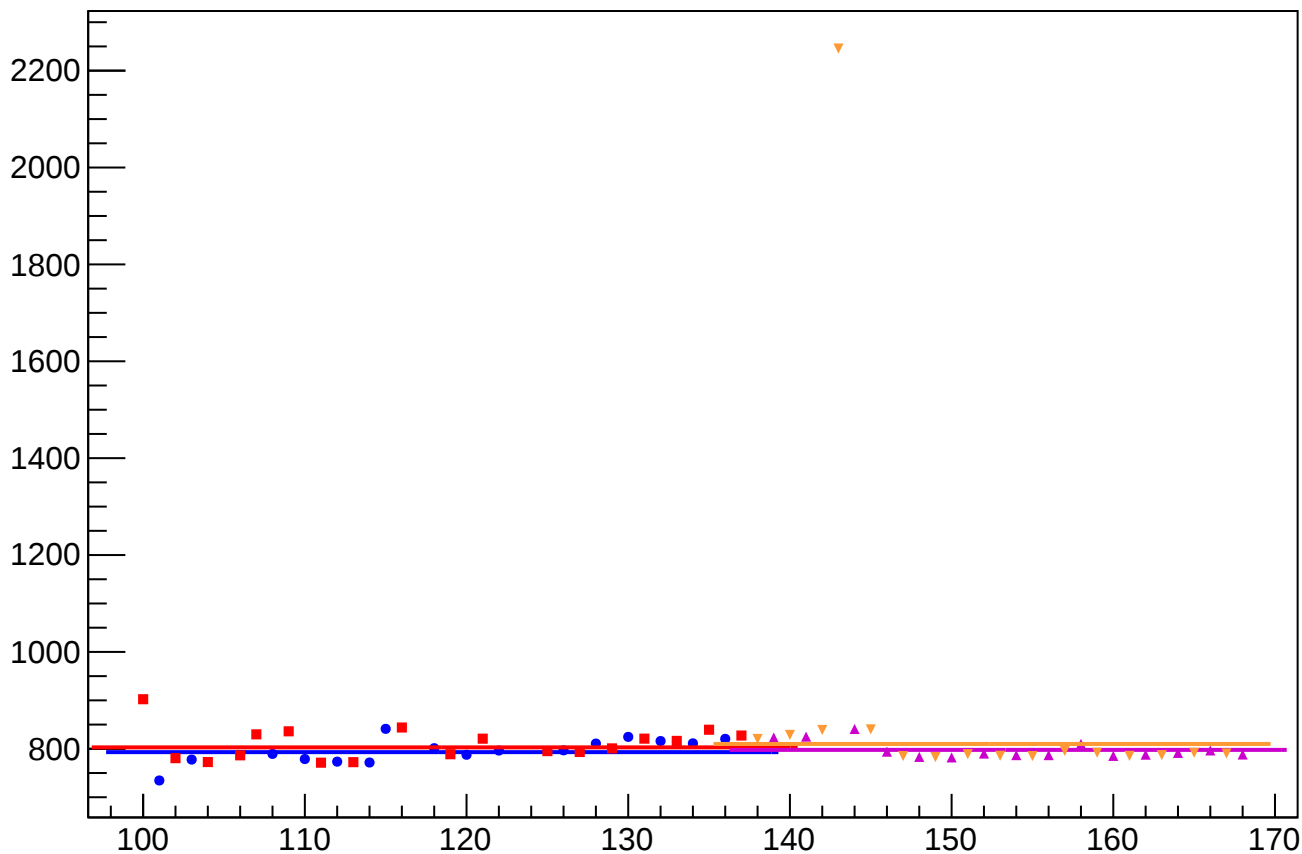
χ^2/NDF : 20.3/33

χ^2/NDF :29.3/30

χ^2/NDF :25.4/33

χ^2/NDF : 54.7/64

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

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

Left: 803.768 ± 0.117 χ^2/NDF : 664177.0/30

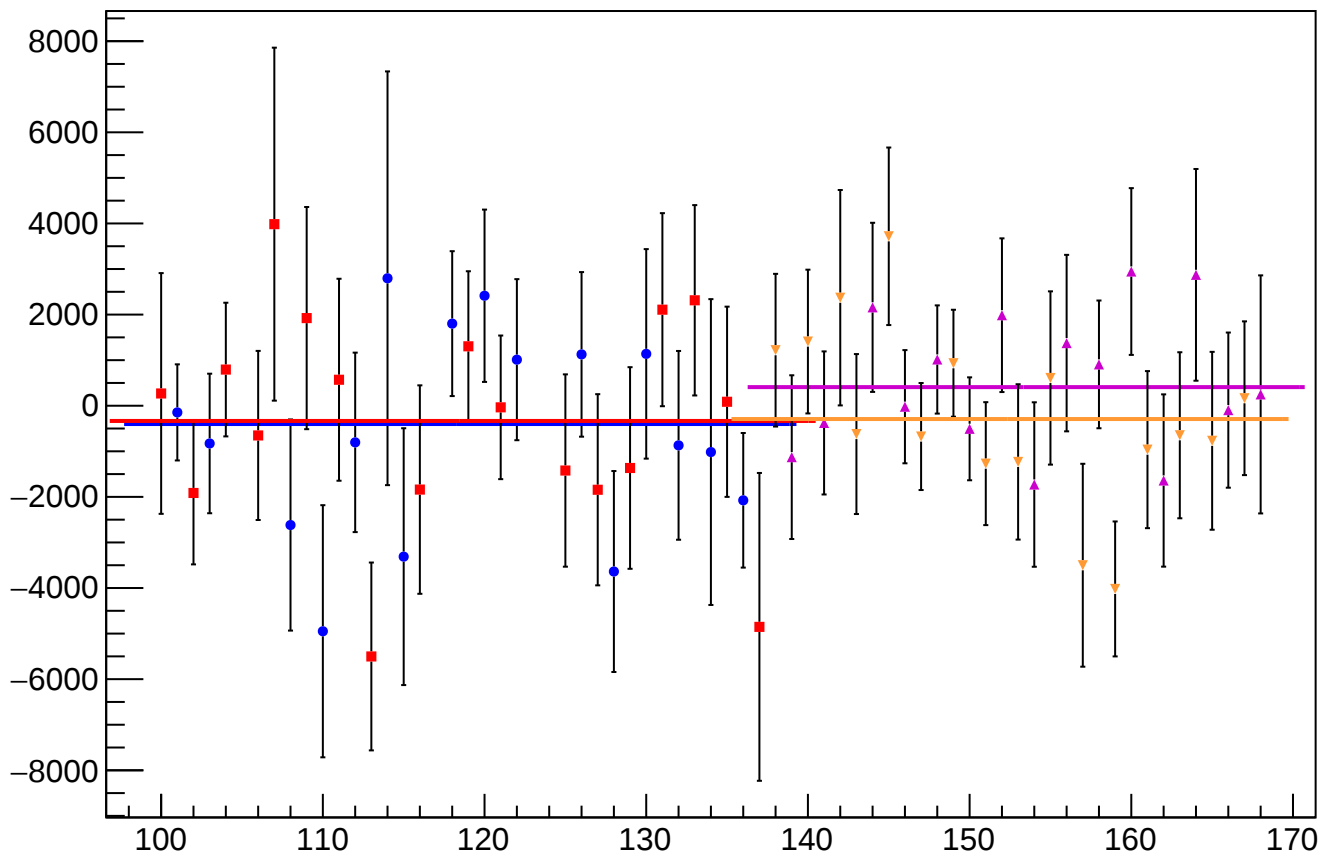
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

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

Out: 807.341 ± 0.132 χ^2/NDF : 665271.8/33

All: 801.657 ± 0.093 χ^2/NDF : 695246.3/64

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

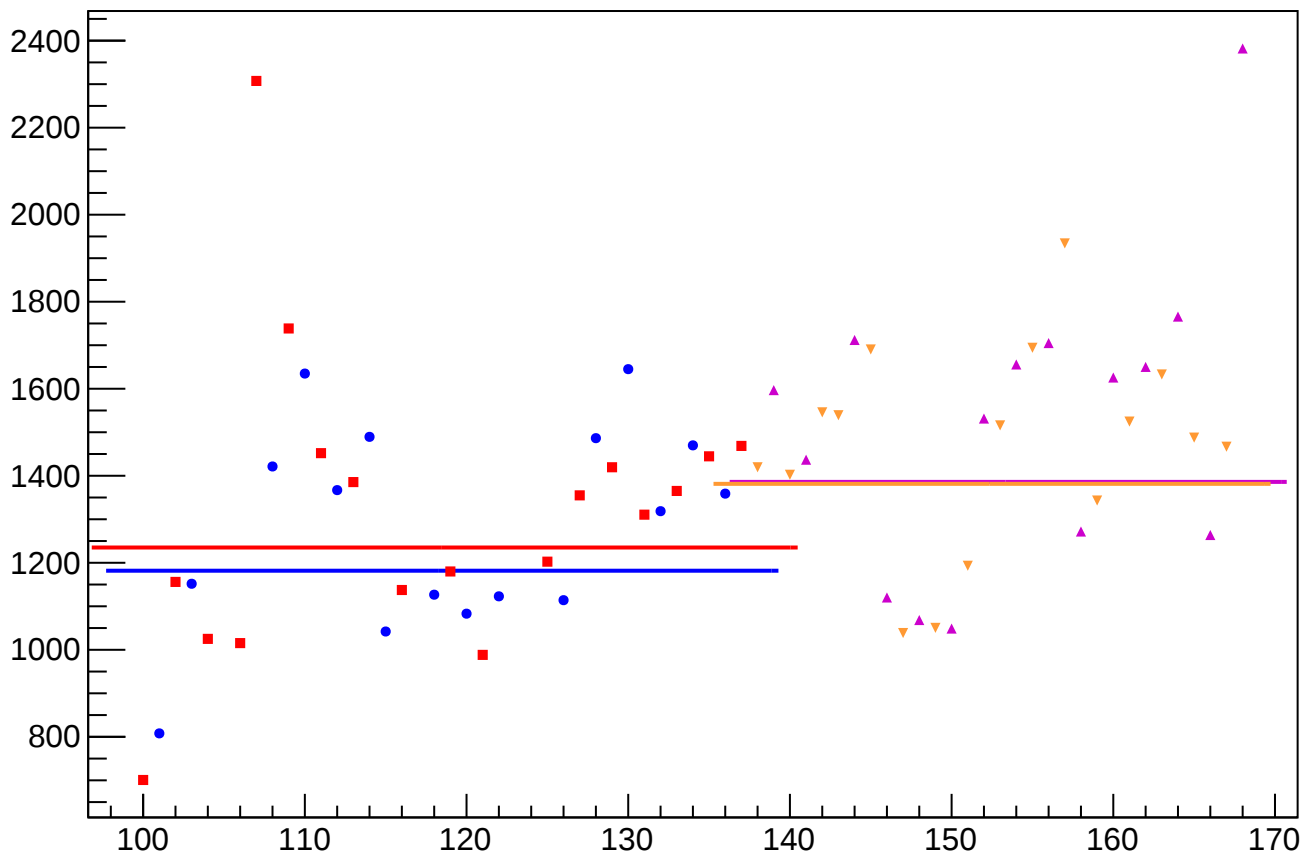
Right: -368.430 $\pm$ 334.812 χ^2/NDF : 32.3/33

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

Out: -309.477 $\pm$ 309.707 χ^2/NDF : 36.0/33

All: -128.206 $\pm$ 219.179 χ^2/NDF : 63.0/64

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

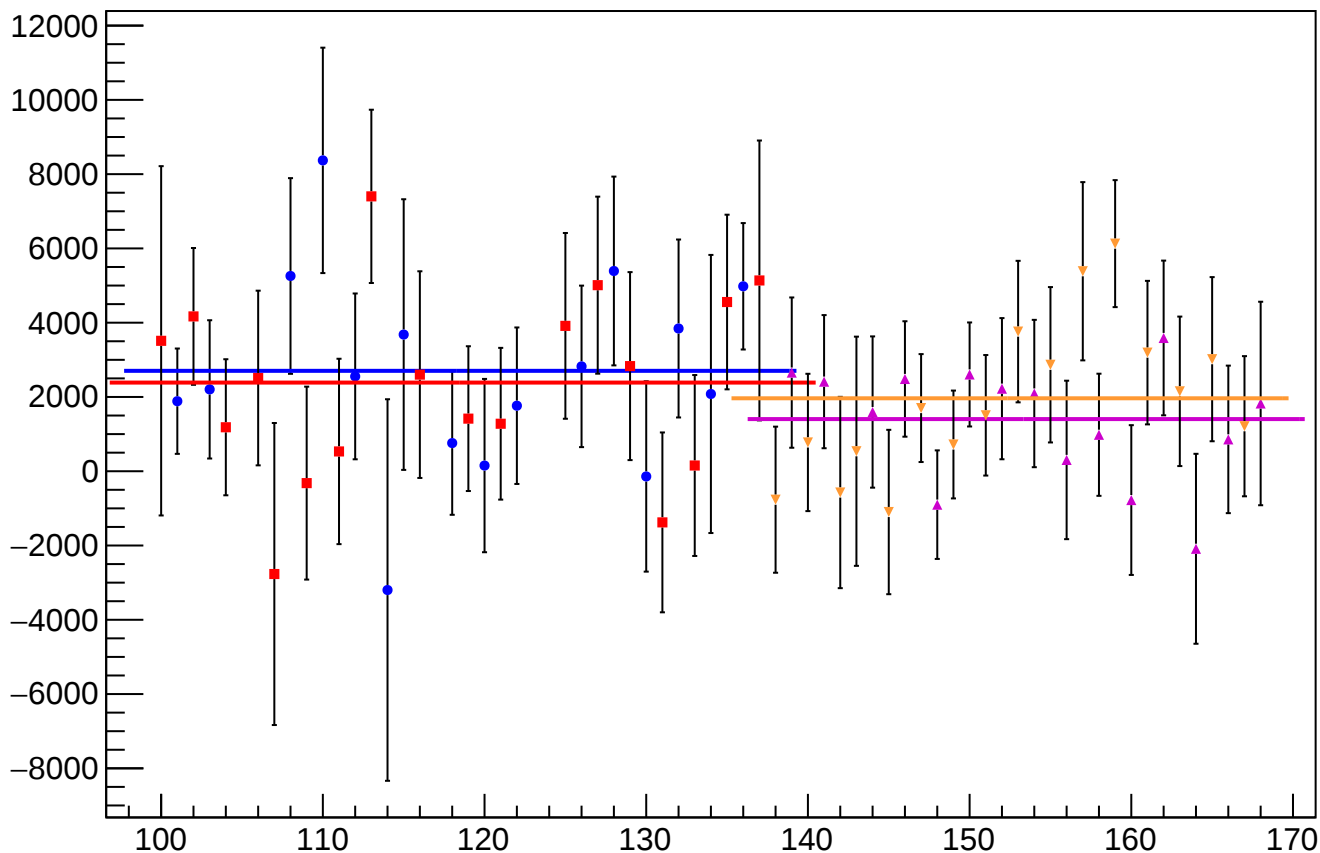
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

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

Out: 1320.107 $\pm$ 0.219 χ^2 /NDF: 1349109.4/33

All: 1308.303 $\pm$ 0.155 χ^2 /NDF: 3171118.6/64

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

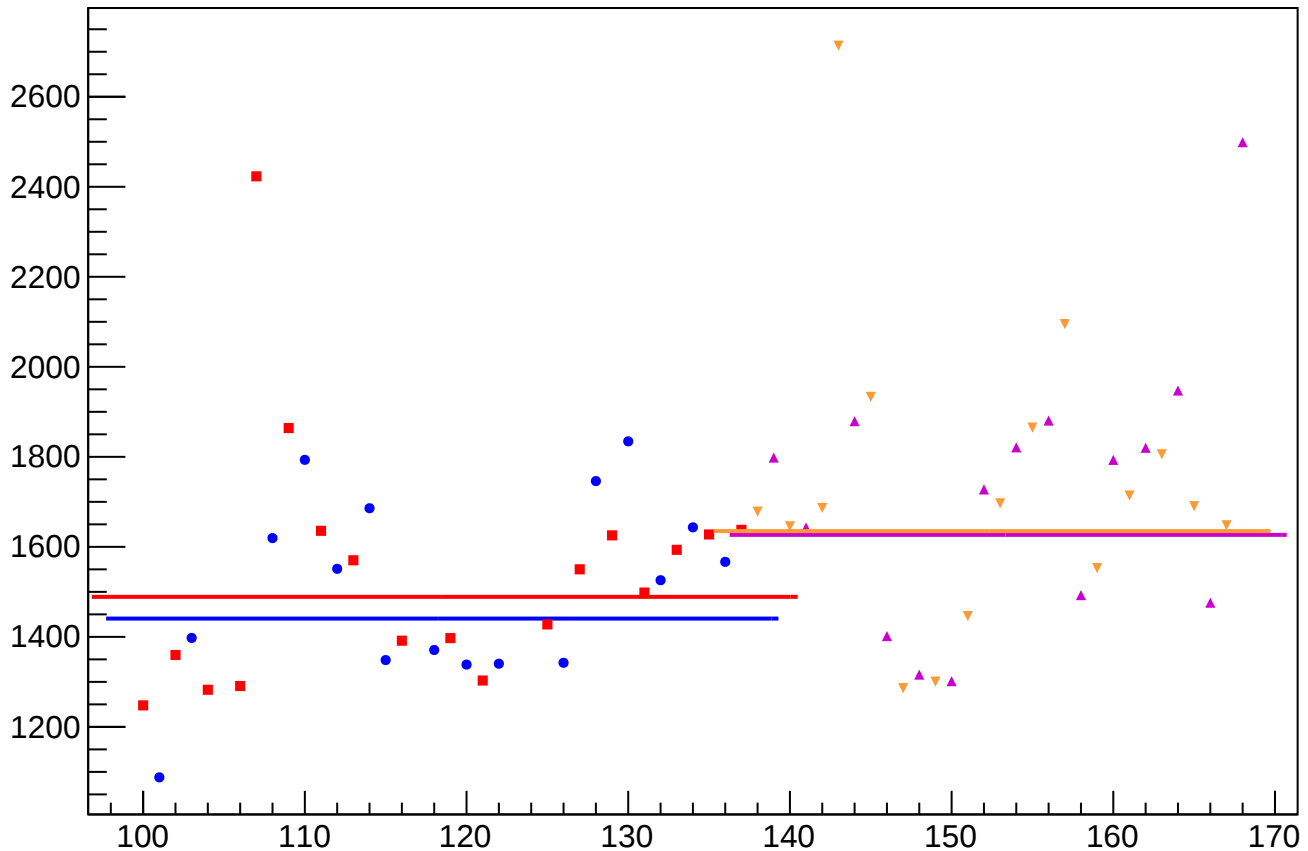
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

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

Out: 2139.654 $\pm$ 366.514 χ^2 /NDF:32.5/33

All: 2045.101 $\pm$ 259.003 χ^2 /NDF: 58.1/64

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1635.003 $\pm$ 0.339 χ^2 /NDF: 654495.4/15

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

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

Left: 1630.838 $\pm$ 0.240 χ^2 /NDF: 1283094.8/30

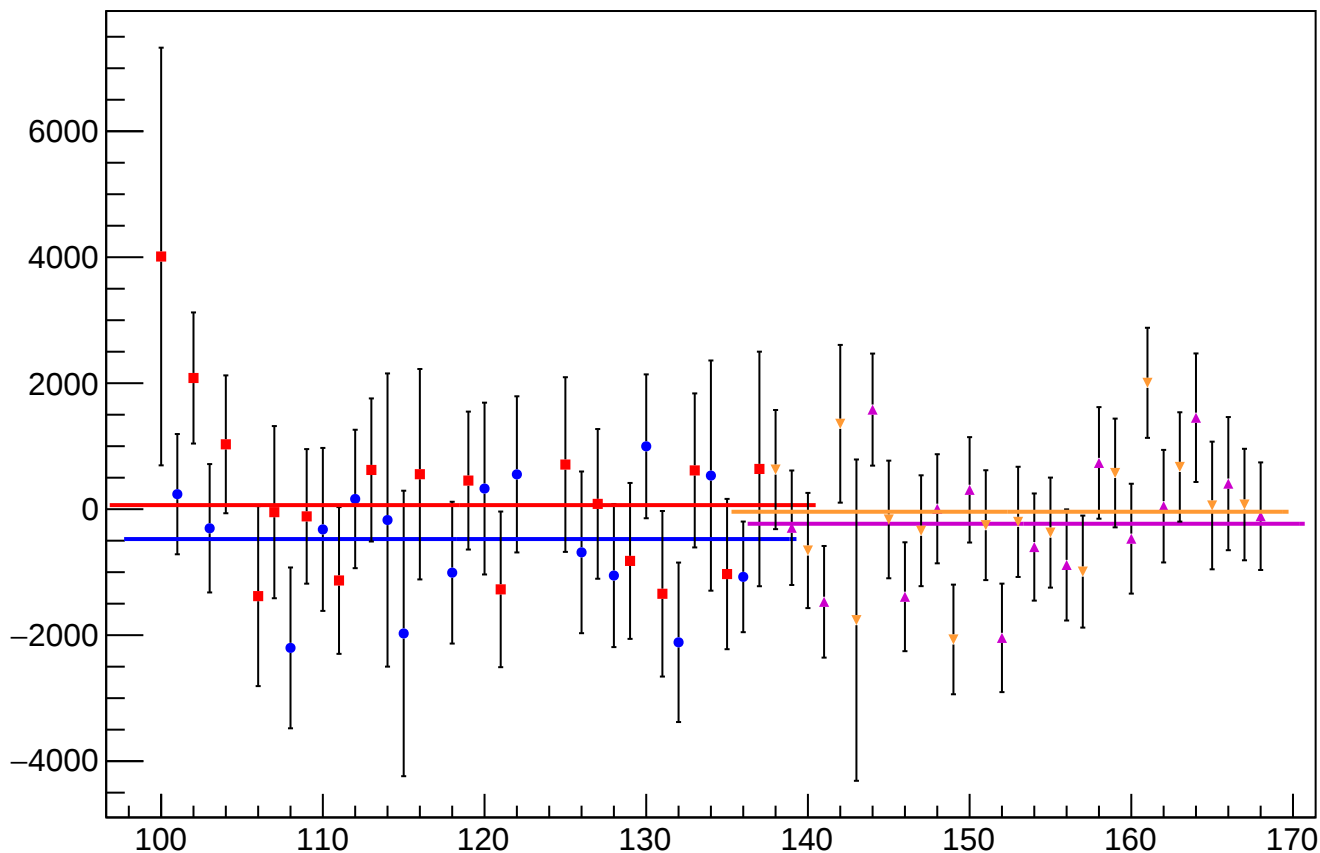
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

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

Out: 1574.457 $\pm$ 0.259 χ^2 /NDF: 988422.1/33

All: 1561.429 $\pm$ 0.183 χ^2 /NDF: 2029840.9/64

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 ± 303.914 $\chi^2/\text{NDF}: 8.9/15$

Left Out: -40.625 ± 233.811 $\chi^2/\text{NDF}: 16.3/15$

Right Out: 64.684 ± 298.395 $\chi^2/\text{NDF}: 12.7/17$

Left In: -231.371 ± 229.812 $\chi^2/\text{NDF}: 18.0/14$

Left: -137.643 ± 163.897 $\chi^2/\text{NDF}: 34.6/30$

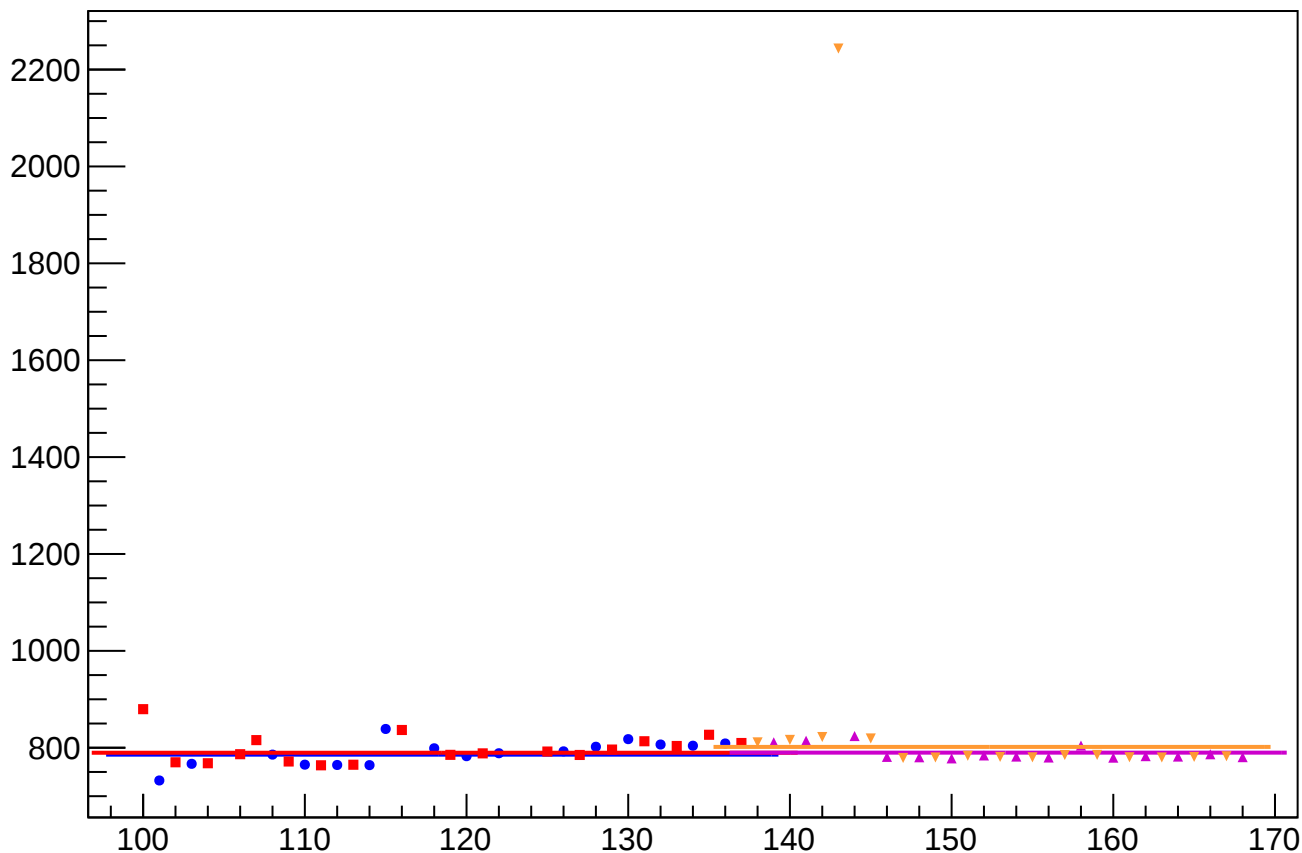
Right: -199.789 ± 212.921 $\chi^2/\text{NDF}: 23.2/33$

In: -319.686 ± 183.305 $\chi^2/\text{NDF}: 27.3/30$

Out: -0.564 ± 184.042 $\chi^2/\text{NDF}: 29.1/33$

All: -160.765 ± 129.876 $\chi^2/\text{NDF}: 57.9/64$

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 801.724 $\pm$ 0.165 χ^2 /NDF: 652402.0/15

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

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

Left: 795.704 $\pm$ 0.116 χ^2 /NDF: 663328.5/30

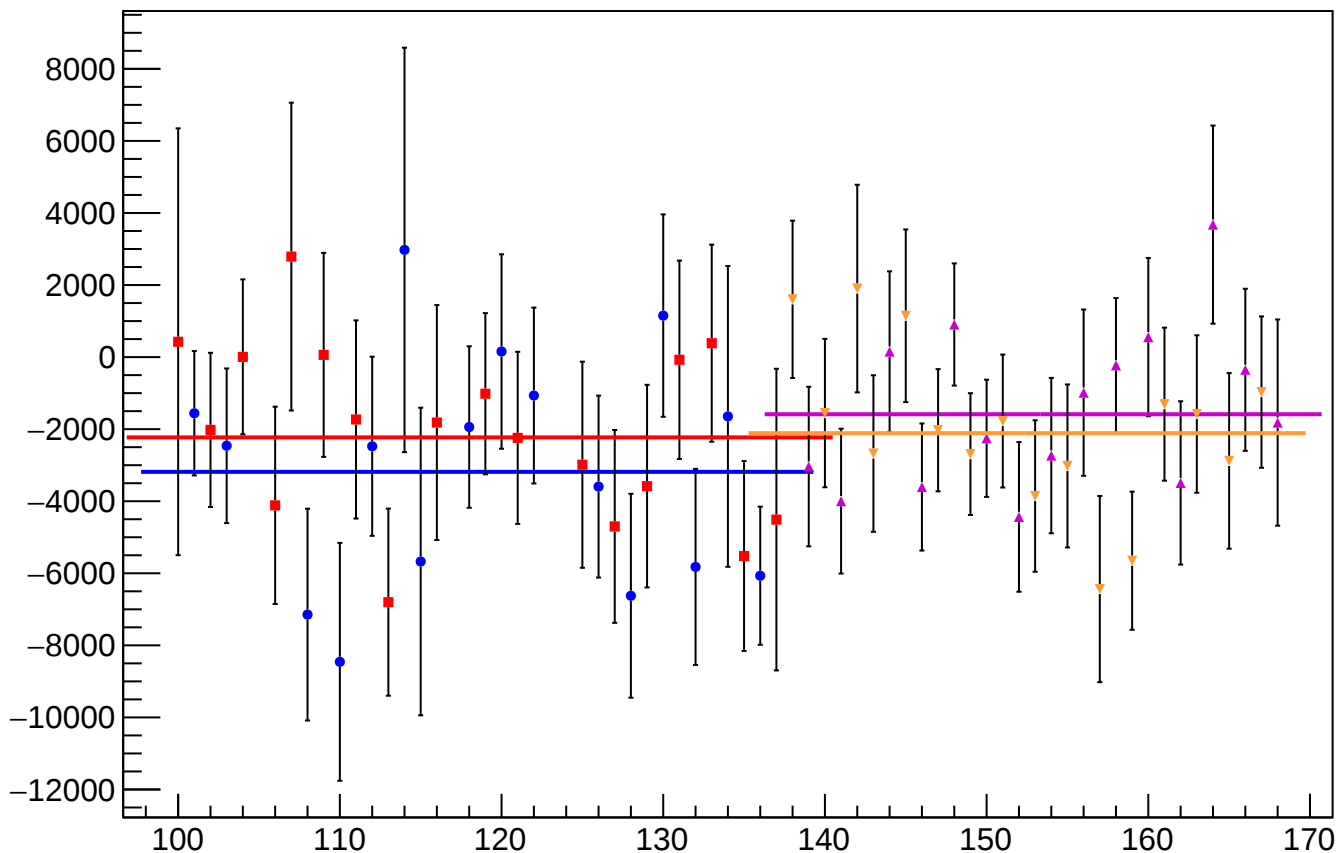
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

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

Out: 797.141 $\pm$ 0.130 χ^2 /NDF: 665432.6/33

All: 792.743 $\pm$ 0.092 χ^2 /NDF: 690184.2/64

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: -2228.093 $\pm$ 648.044 χ^2 /NDF: 11.8/17

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

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

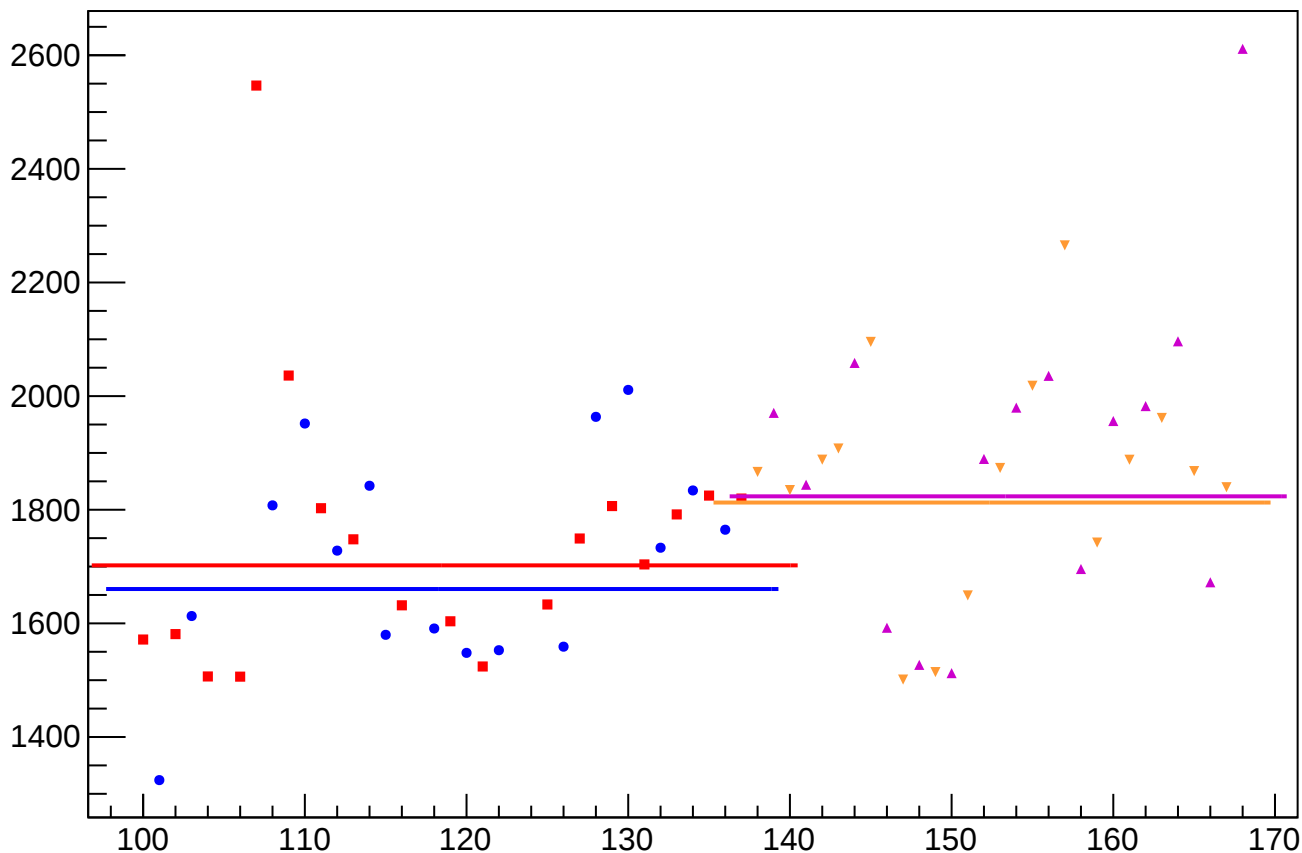
Right: -2706.812 $\pm$ 457.995 χ^2 /NDF: 29.7/33

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

Out: -2157.378 $\pm$ 408.427 χ^2 /NDF:26.4/33

All: -2196.384 $\pm$ 290.412 χ^2 /NDF: 61.4/64

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

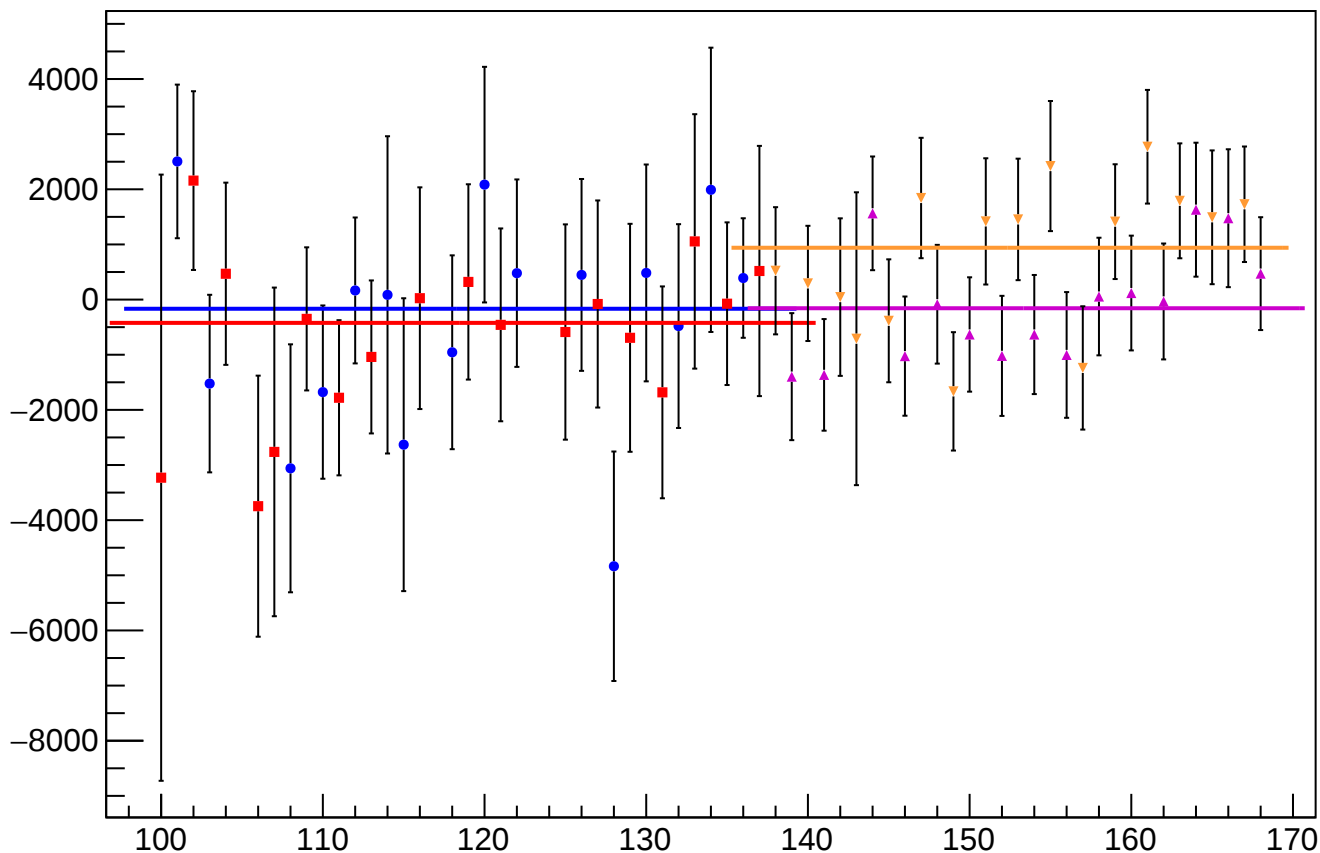
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

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

Out: 1768.761 $\pm$ 0.289 χ^2 /NDF: 482590.7/33

All: 1763.046 $\pm$ 0.205 χ^2 /NDF: 1174099.2/64

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 939.971 ± 285.189 $\chi^2/\text{NDF}: 19.9/15$

Right Out: -422.359 ± 427.321 $\chi^2/\text{NDF}: 8.2/17$

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

Left: 381.088 ± 199.738 $\chi^2/\text{NDF}: 39.4/30$

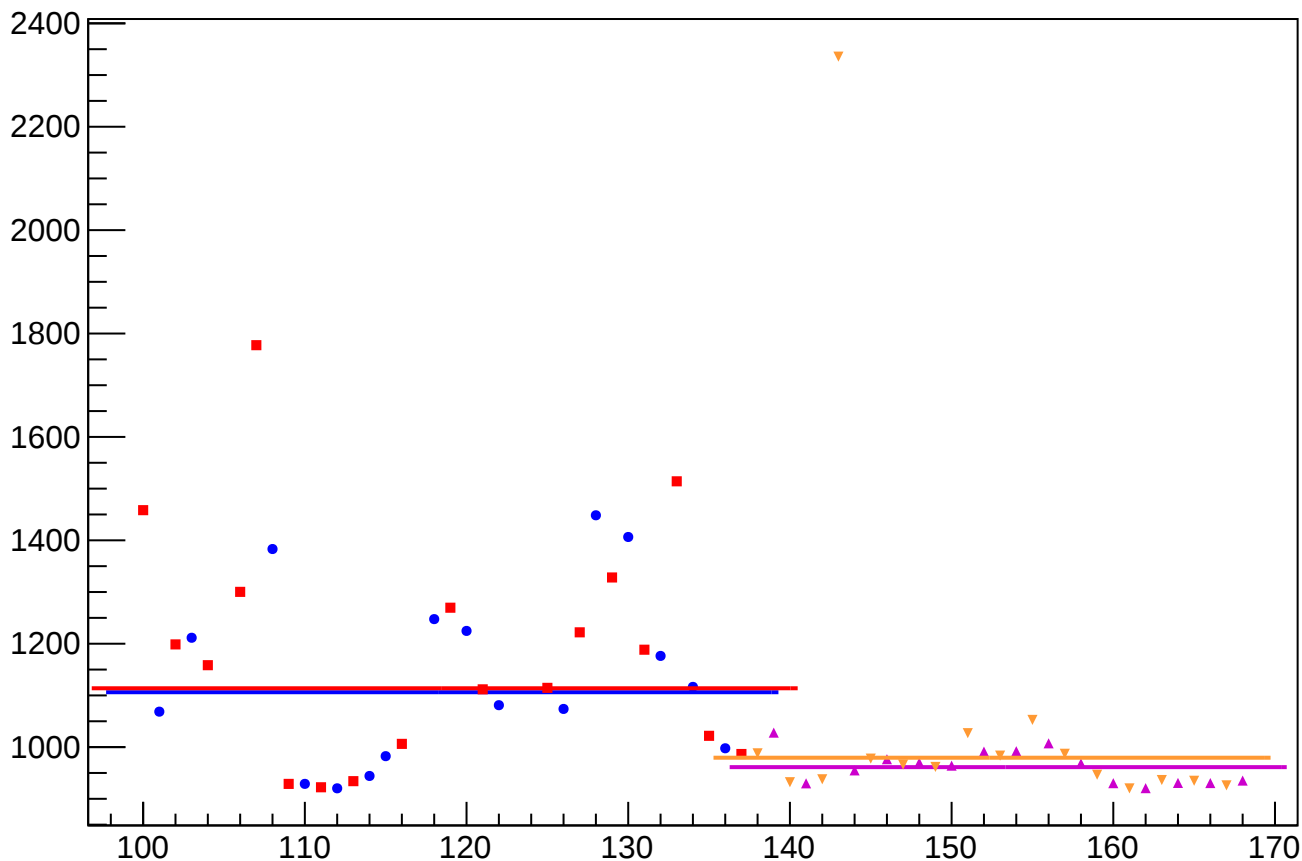
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

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

Out: 520.165 ± 237.212 $\chi^2/\text{NDF}: 35.0/33$

All: 176.979 ± 166.937 $\chi^2/\text{NDF}: 66.8/64$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 979.497 ± 0.202 $\chi^2/\text{NDF}: 559634.5/15$

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

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

Left: 970.209 ± 0.141 $\chi^2/\text{NDF}: 588100.6/30$

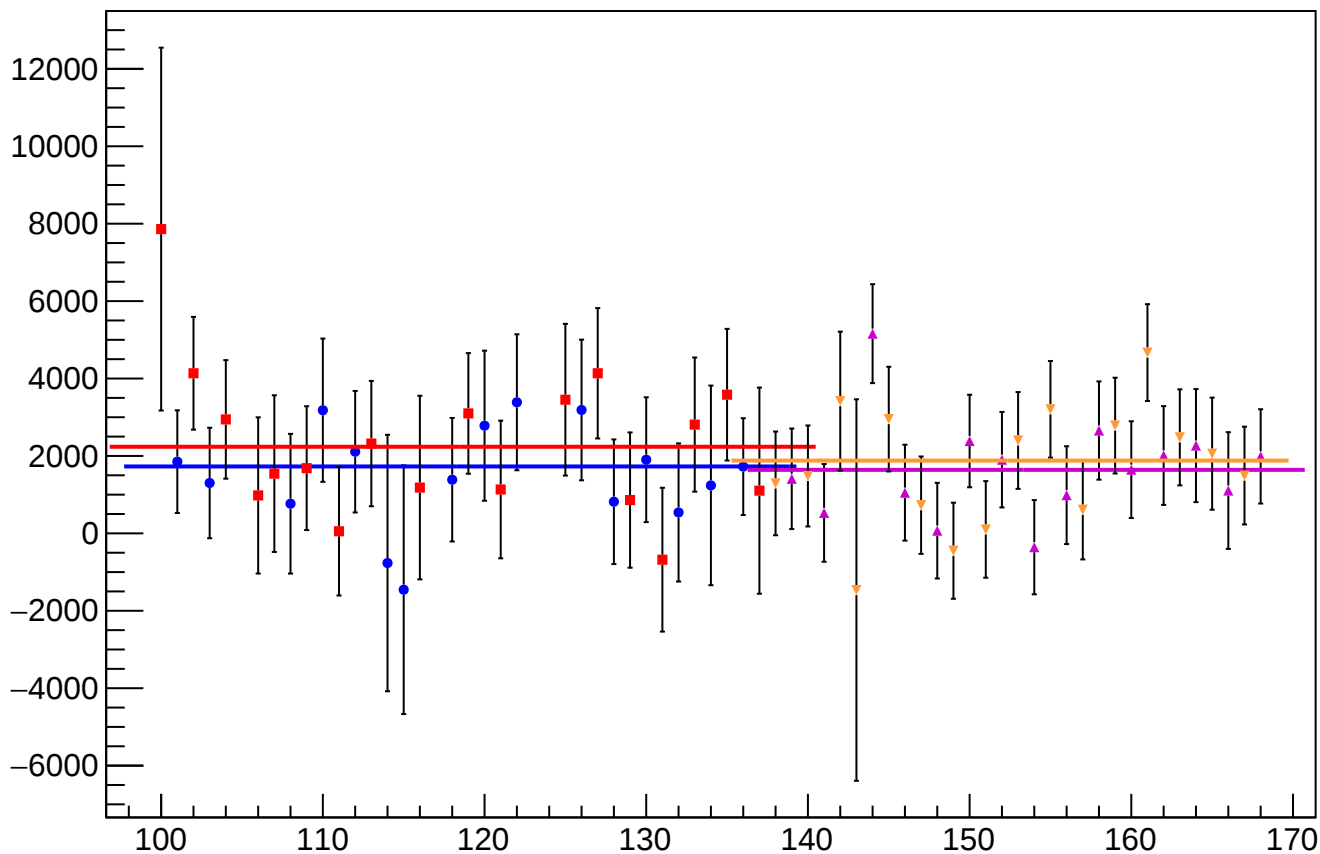
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

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

Out: 1020.889 ± 0.168 $\chi^2/\text{NDF}: 1060649.3/33$

All: 1012.364 ± 0.118 $\chi^2/\text{NDF}: 1508122.3/64$

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

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

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

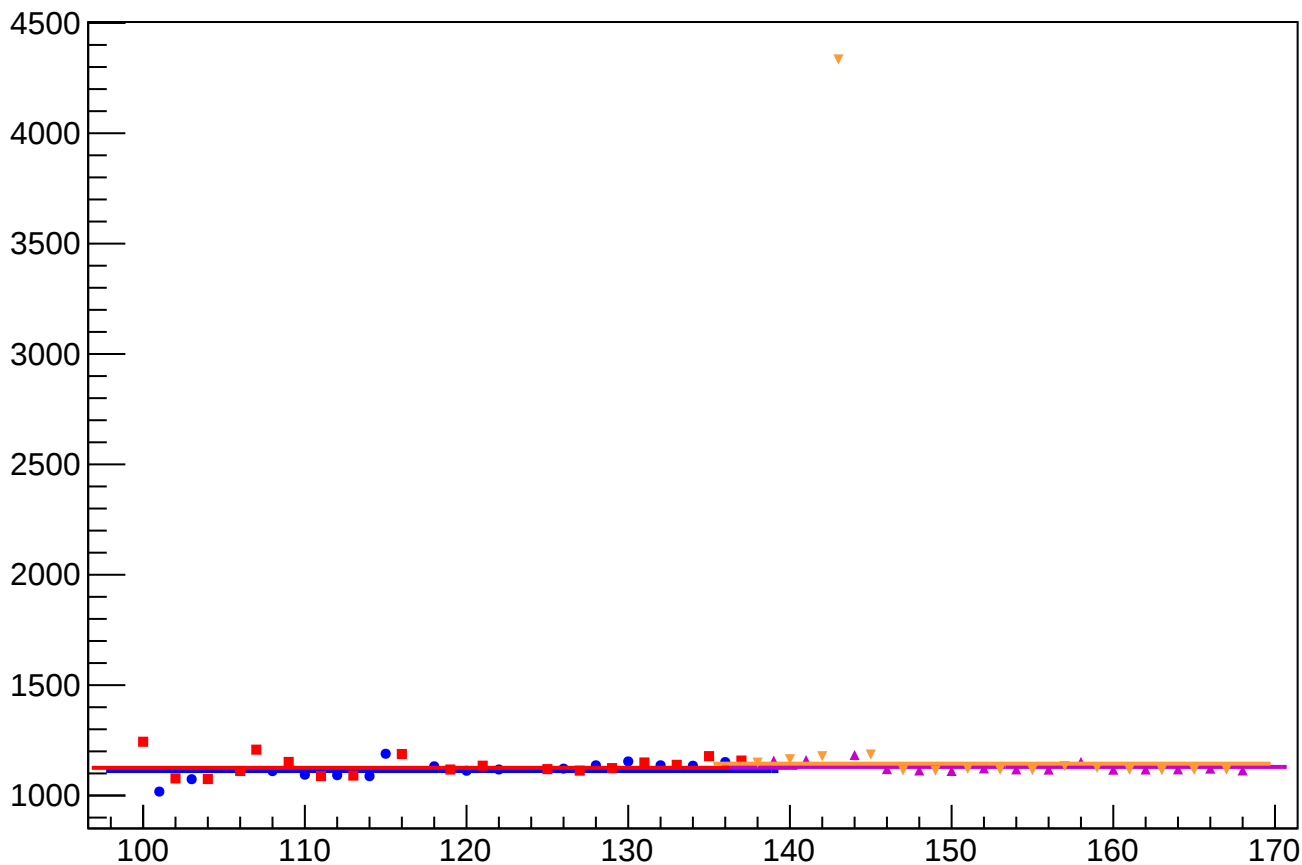
Right: 1985.660 $\pm$ 302.369 χ^2/NDF : 18.3/33

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

Out: 2017.536 $\pm$ 263.281 χ^2/NDF :29.3/33

All: 1843.928 $\pm$ 185.385 χ^2/NDF : 50.3/64

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

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

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

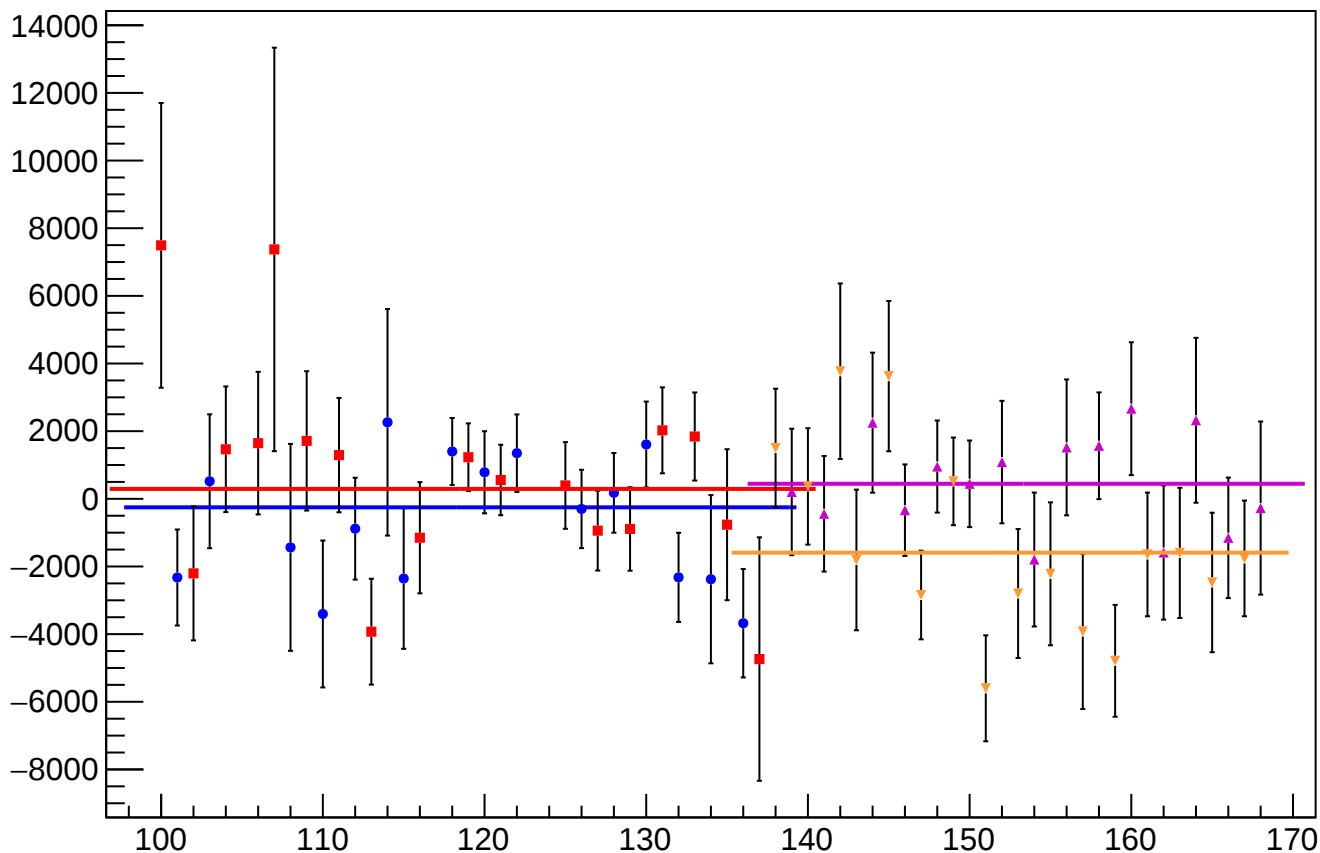
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

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

Out: 1137.106+/-0.186 χ^2/NDF : 869319.2/33

All: 1129.866+/-0.131 χ^2/NDF : 901365.8/64

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: 293.658+/-362.490 χ^2/NDF : 24.0/17

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

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

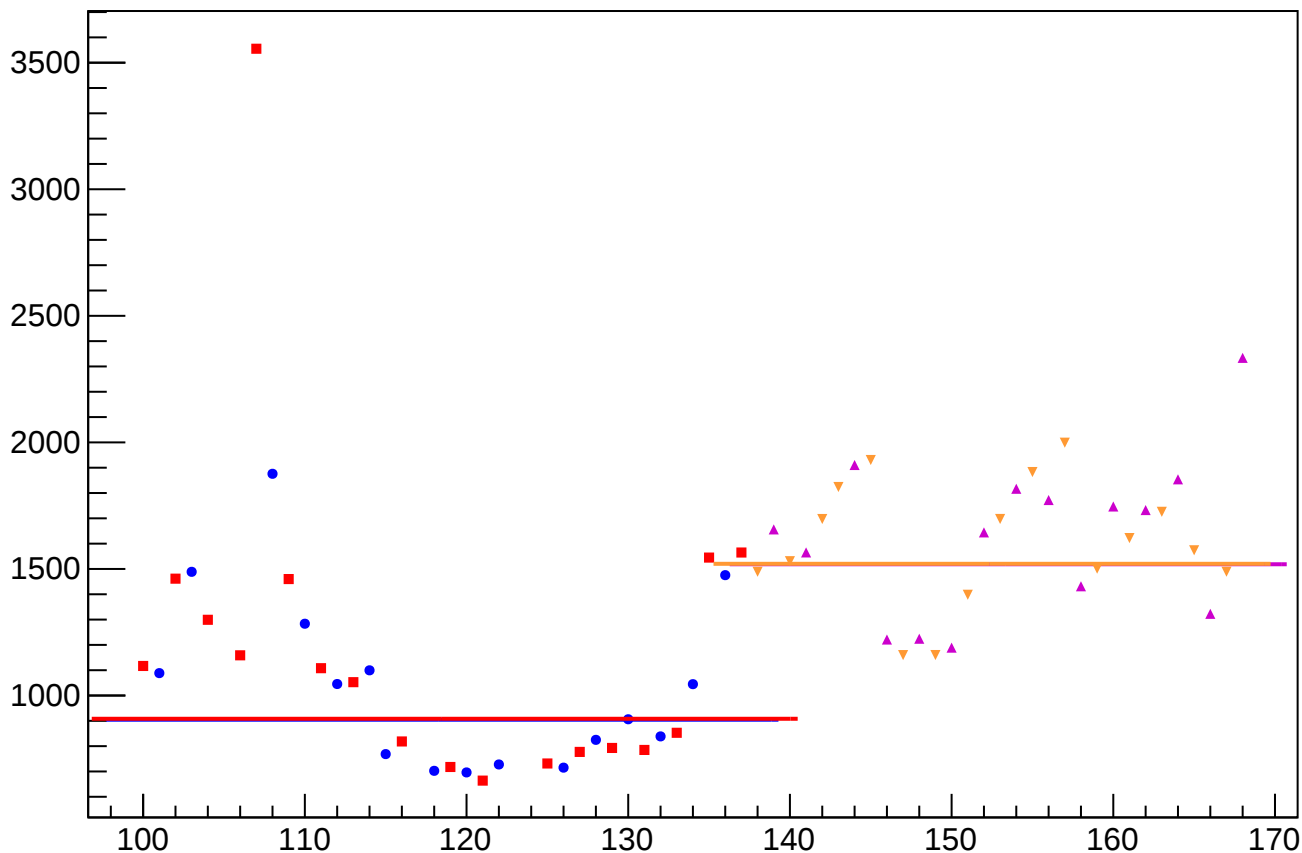
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: 24.335+/-283.679 χ^2/NDF : 30.8/30

Out: -456.723+/-281.240 χ^2/NDF : 64.6/33

All: -218.271+/-199.723 χ^2/NDF : 96.8/64

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 ± 0.258 $\chi^2/\text{NDF}: 1021094.8/15$

Left Out: 1520.341 ± 0.315 $\chi^2/\text{NDF}: 633807.5/15$

Right Out: 908.153 ± 0.256 $\chi^2/\text{NDF}: 1381025.2/17$

Left In: 1518.563 ± 0.319 $\chi^2/\text{NDF}: 815217.6/14$

Left: 1519.462 ± 0.224 $\chi^2/\text{NDF}: 1449040.8/30$

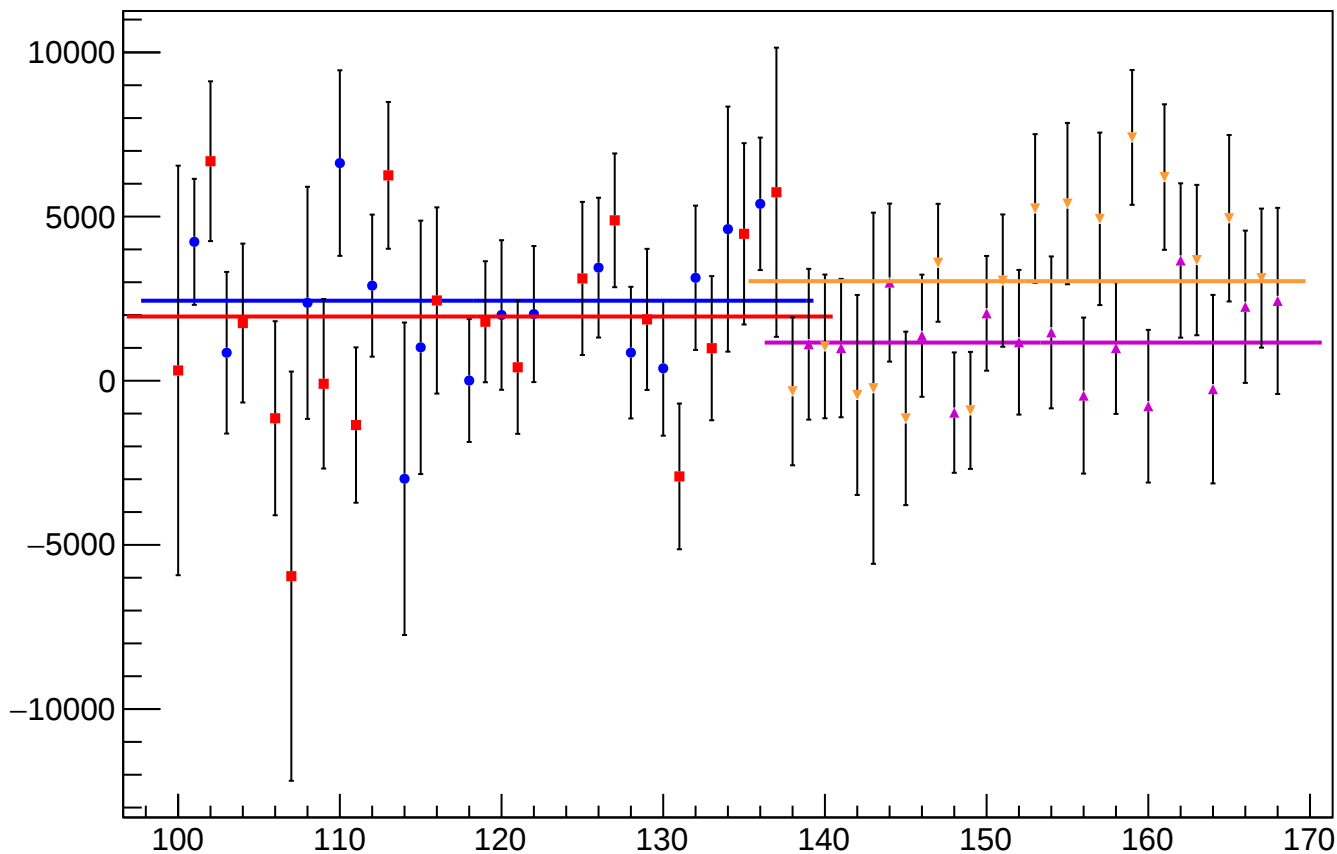
Right: 906.333 ± 0.182 $\chi^2/\text{NDF}: 2402221.4/33$

In: 1147.534 ± 0.201 $\chi^2/\text{NDF}: 4077460.8/30$

Out: 1151.833 ± 0.199 $\chi^2/\text{NDF}: 4285444.6/33$

All: 1149.702 ± 0.141 $\chi^2/\text{NDF}: 8363137.0/64$

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: 1955.910 ± 584.085 $\chi^2/\text{NDF}: 22.4/17$

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

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

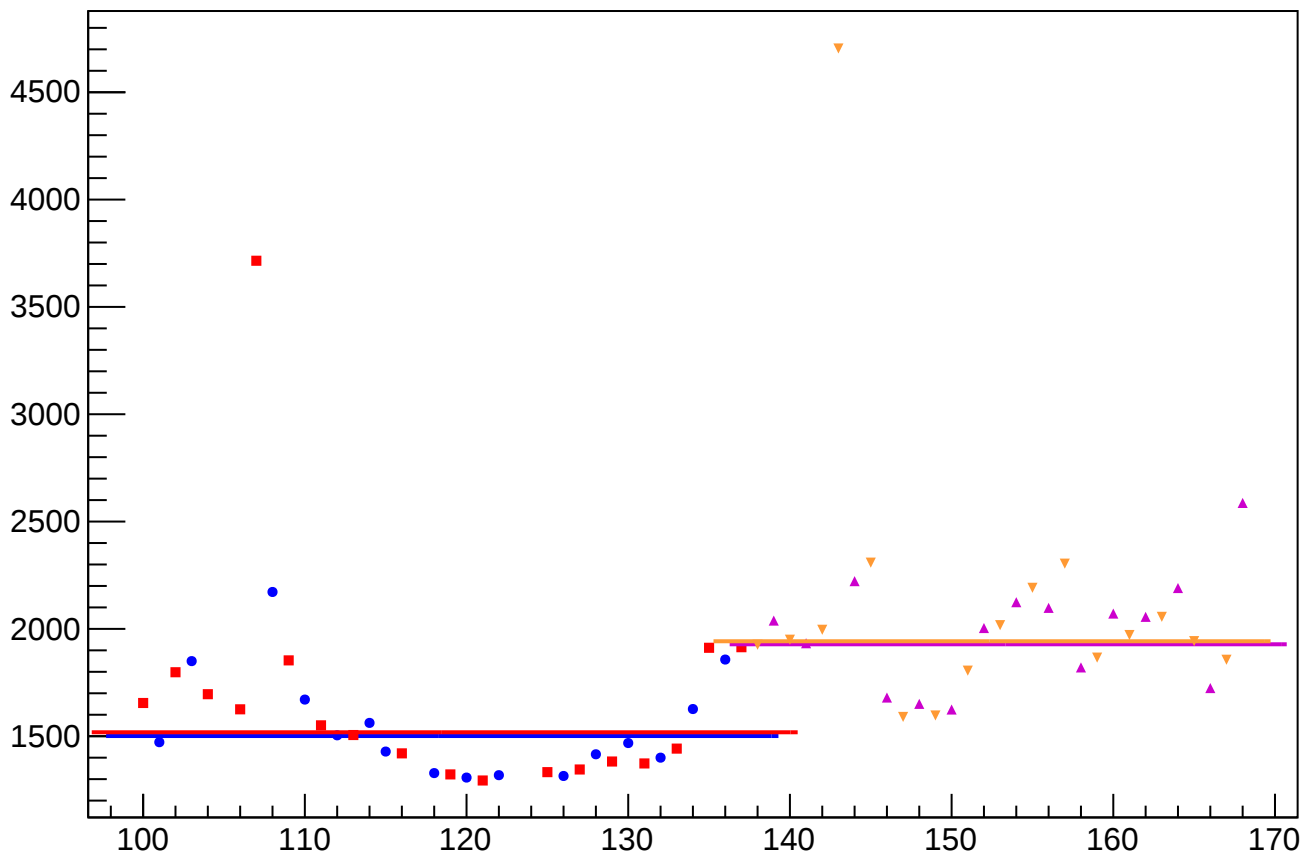
Right: 2195.827 ± 413.767 $\chi^2/\text{NDF}: 33.9/33$

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

Out: 2507.643 ± 407.900 $\chi^2/\text{NDF}: 45.9/33$

All: 2142.249 ± 288.221 $\chi^2/\text{NDF}: 66.3/64$

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: 1518.327+/-0.413 χ^2/NDF : 476011.7/17

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

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

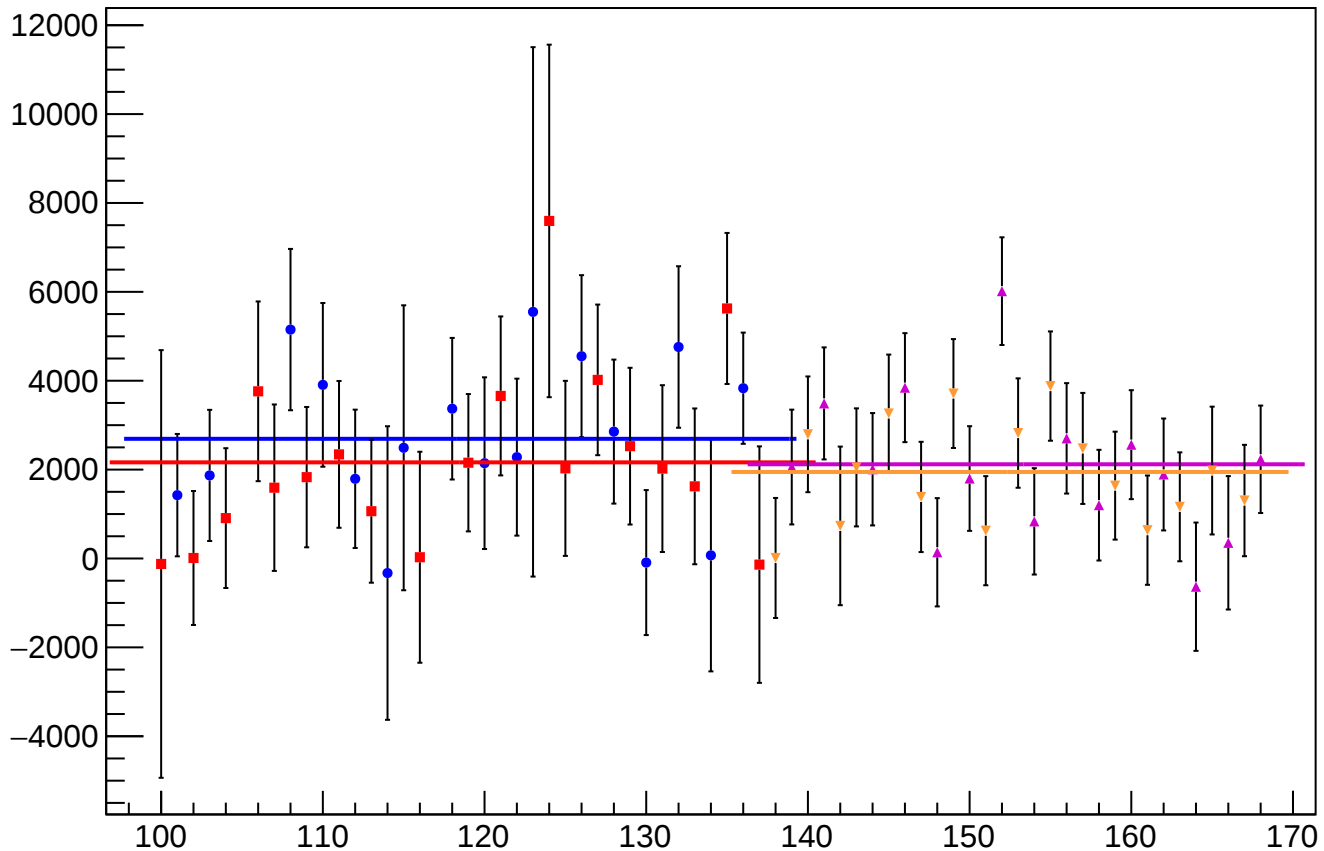
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1735.549+/-0.288 χ^2/NDF : 1821918.9/33

All: 1728.724+/-0.204 χ^2/NDF : 2991905.5/64

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

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

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

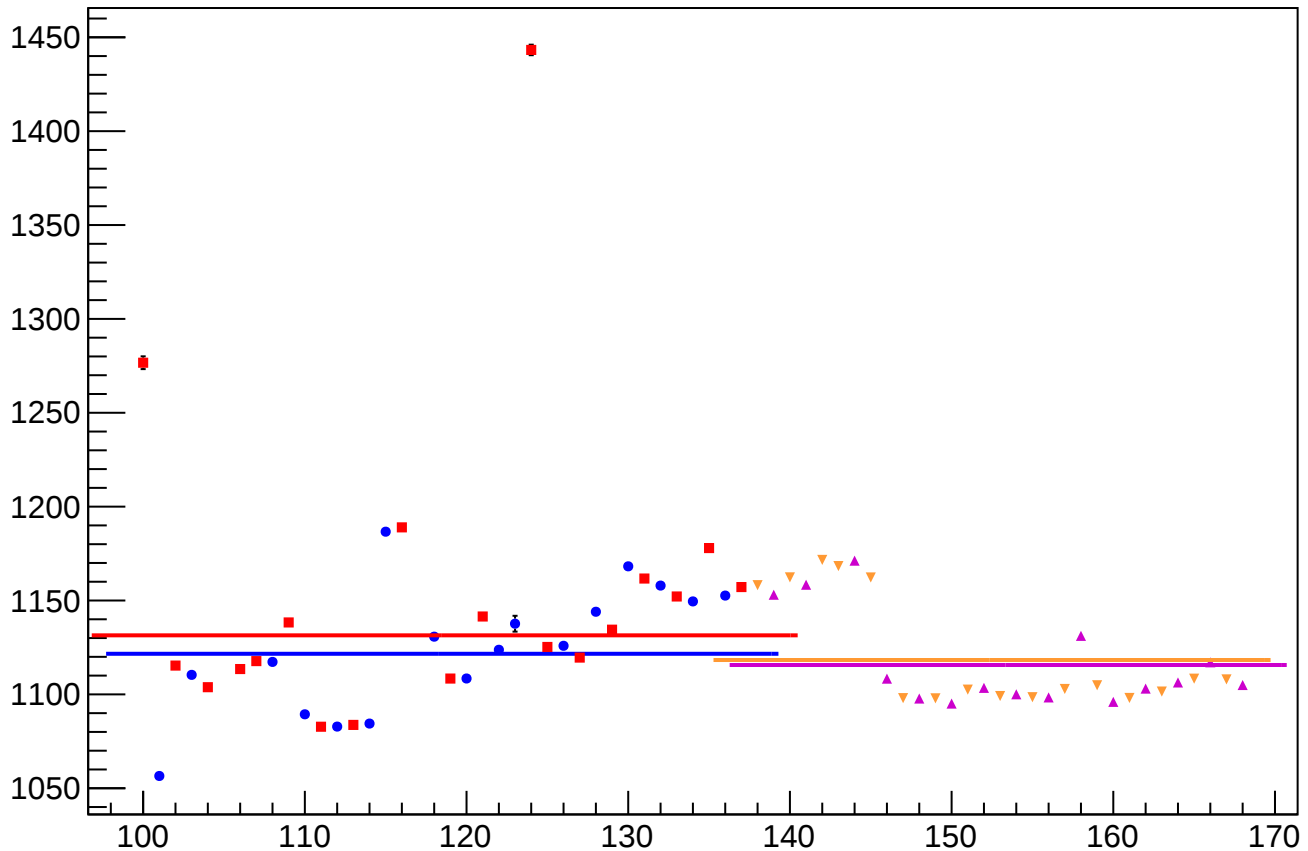
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

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

Out: 2026.125 $\pm$ 256.298 χ^2/NDF : 26.3/34

All: 2174.189 $\pm$ 182.403 χ^2/NDF : 63.7/66

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1118.307 ± 0.228 χ^2/NDF : 14976.4/15

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

Left In: 1115.650 ± 0.230 χ^2/NDF : 11147.2/14

Left: 1116.990 ± 0.162 χ^2/NDF : 26191.1/30

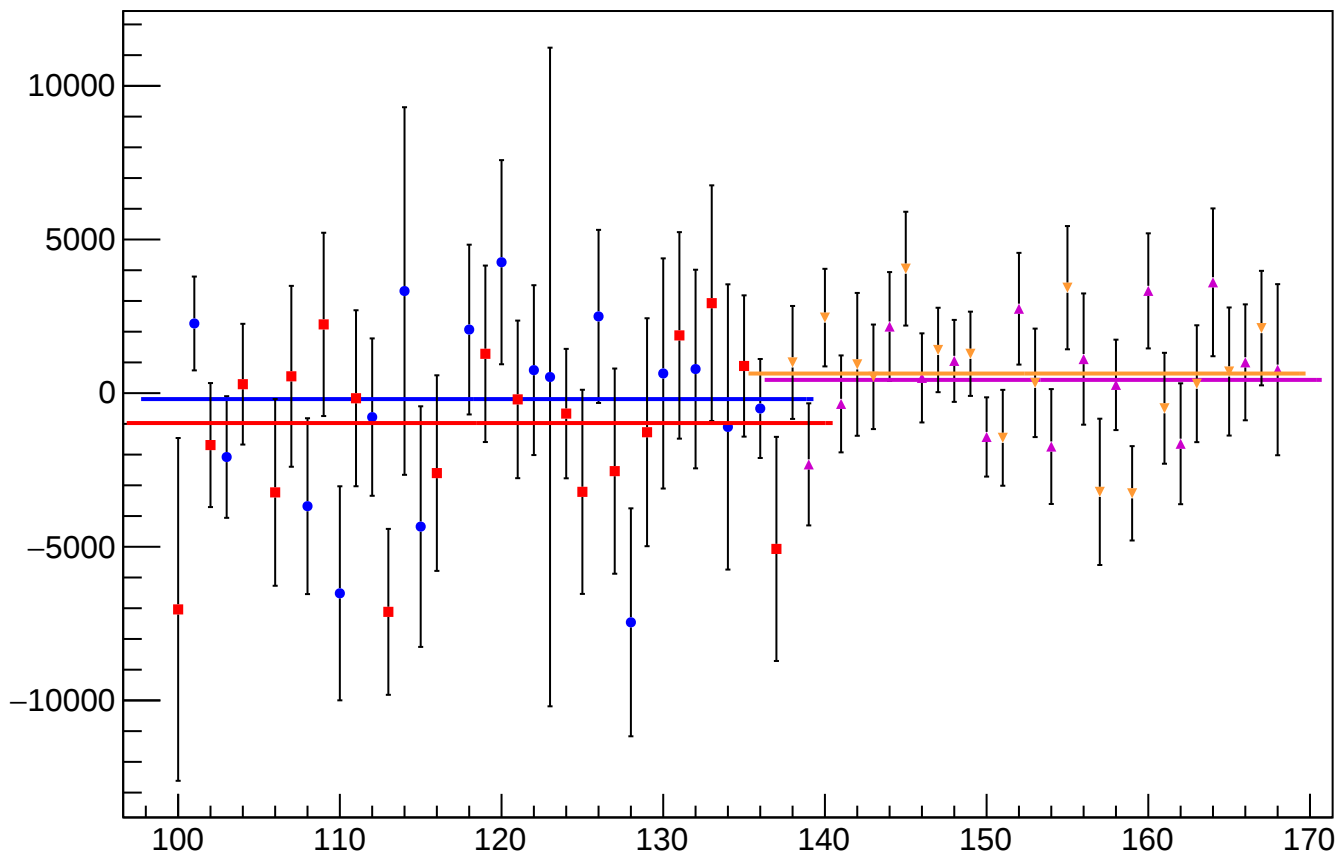
Right: 1126.640 ± 0.214 χ^2/NDF : 35618.4/35

In: 1117.803 ± 0.184 χ^2/NDF : 23371.6/31

Out: 1123.114 ± 0.181 χ^2/NDF : 39308.4/34

All: 1120.493 ± 0.129 χ^2/NDF : 63103.9/66

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 637.850 ± 436.054 $\chi^2/\text{NDF}: 19.2/15$

Right Out: -973.263 ± 645.048 $\chi^2/\text{NDF}: 14.3/18$

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

Left: 537.027 ± 312.077 $\chi^2/\text{NDF}: 33.1/30$

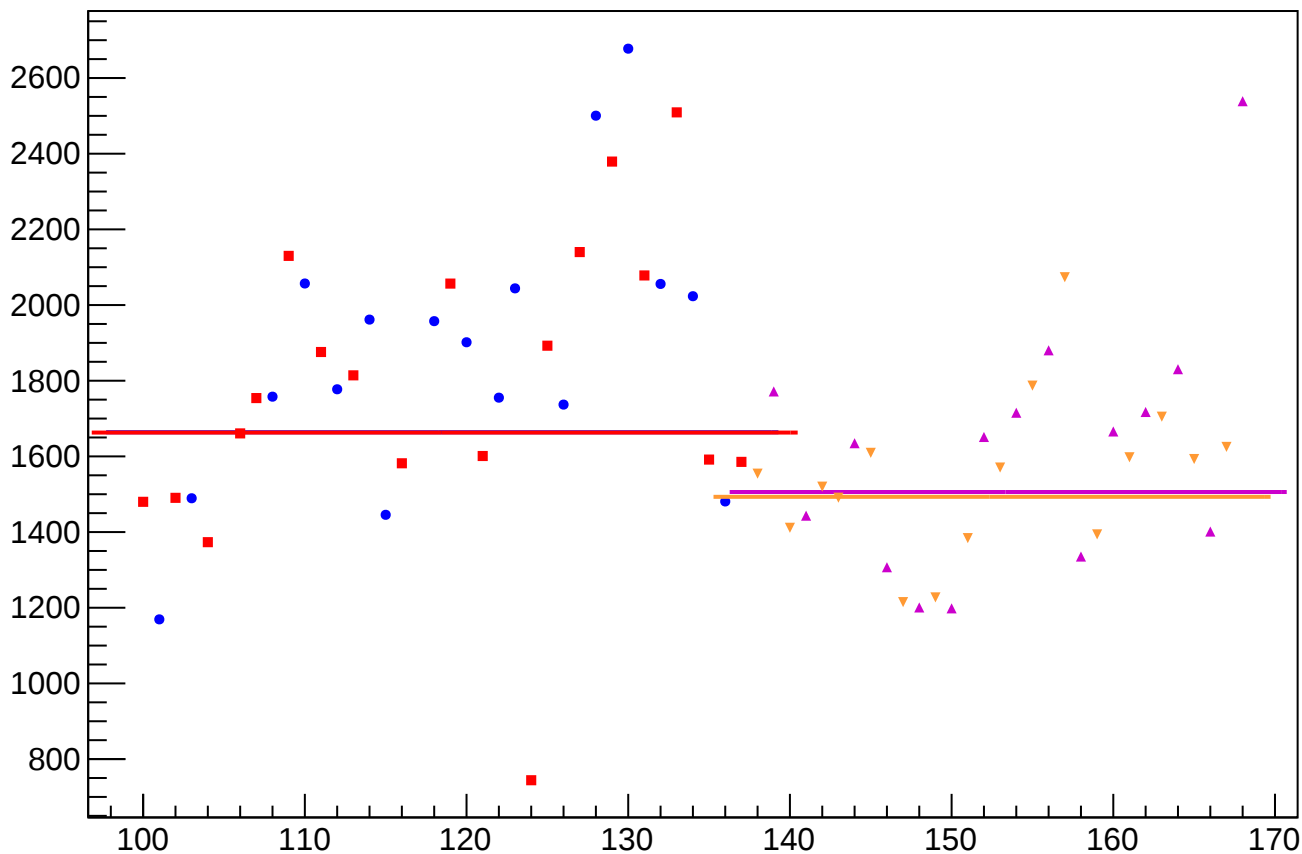
Right: -592.444 ± 461.436 $\chi^2/\text{NDF}: 32.4/35$

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

Out: 132.527 ± 361.255 $\chi^2/\text{NDF}: 37.8/34$

All: 182.544 ± 258.506 $\chi^2/\text{NDF}: 69.6/66$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1493.144 $\pm$ 0.308 χ^2 /NDF: 402860.5/15

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

Left In: 1505.880 $\pm$ 0.316 χ^2 /NDF: 787267.2/14

Left: 1499.357 $\pm$ 0.221 χ^2 /NDF: 1190959.9/30

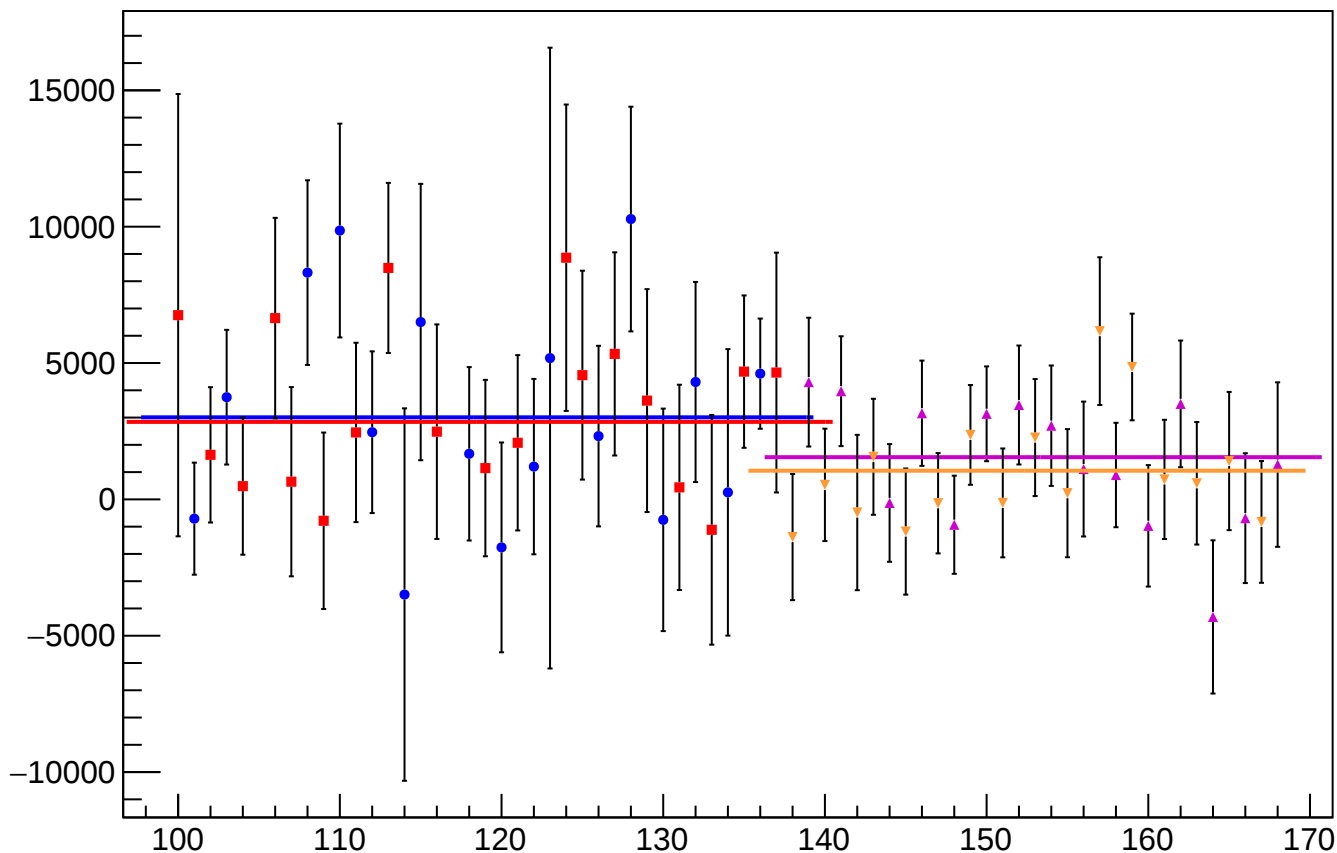
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1555.470 $\pm$ 0.262 χ^2 /NDF: 1488180.7/31

Out: 1546.414 $\pm$ 0.255 χ^2 /NDF: 1303000.6/34

All: 1550.833 $\pm$ 0.183 χ^2 /NDF: 2791794.6/66

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190 $\pm$ 799.647 χ^2 /NDF: 17.4/16

Left Out: 1051.552 $\pm$ 545.638 χ^2 /NDF:12.3/15

Right Out: 2842.013 $\pm$ 795.731 χ^2 /NDF: 11.4/18

Left In: 1547.627 $\pm$ 558.967 χ^2 /NDF:15.3/14

Left: 1293.604 $\pm$ 390.451 χ^2 /NDF: 28.0/30

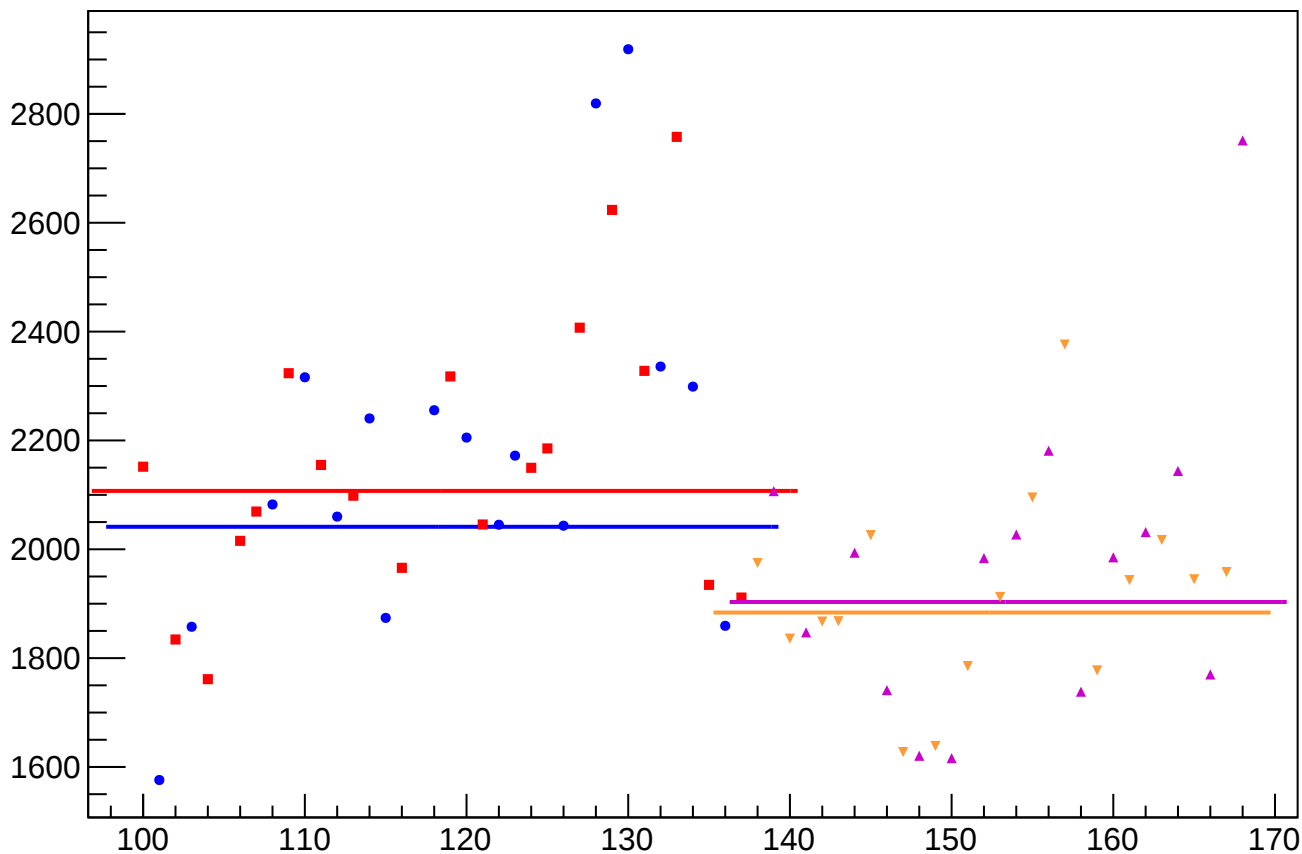
Right: 2925.191 $\pm$ 564.046 χ^2 /NDF: 28.8/35

In: 2027.369 $\pm$ 458.135 χ^2 /NDF:34.9/31

Out: 1624.172 $\pm$ 450.005 χ^2 /NDF:27.2/34

All: 1822.161 $\pm$ 321.037 χ^2 /NDF: 62.5/66

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1883.819+/-0.386 χ^2/NDF : 192022.5/15

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

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

Left: 1893.256+/-0.276 χ^2/NDF : 568160.4/30

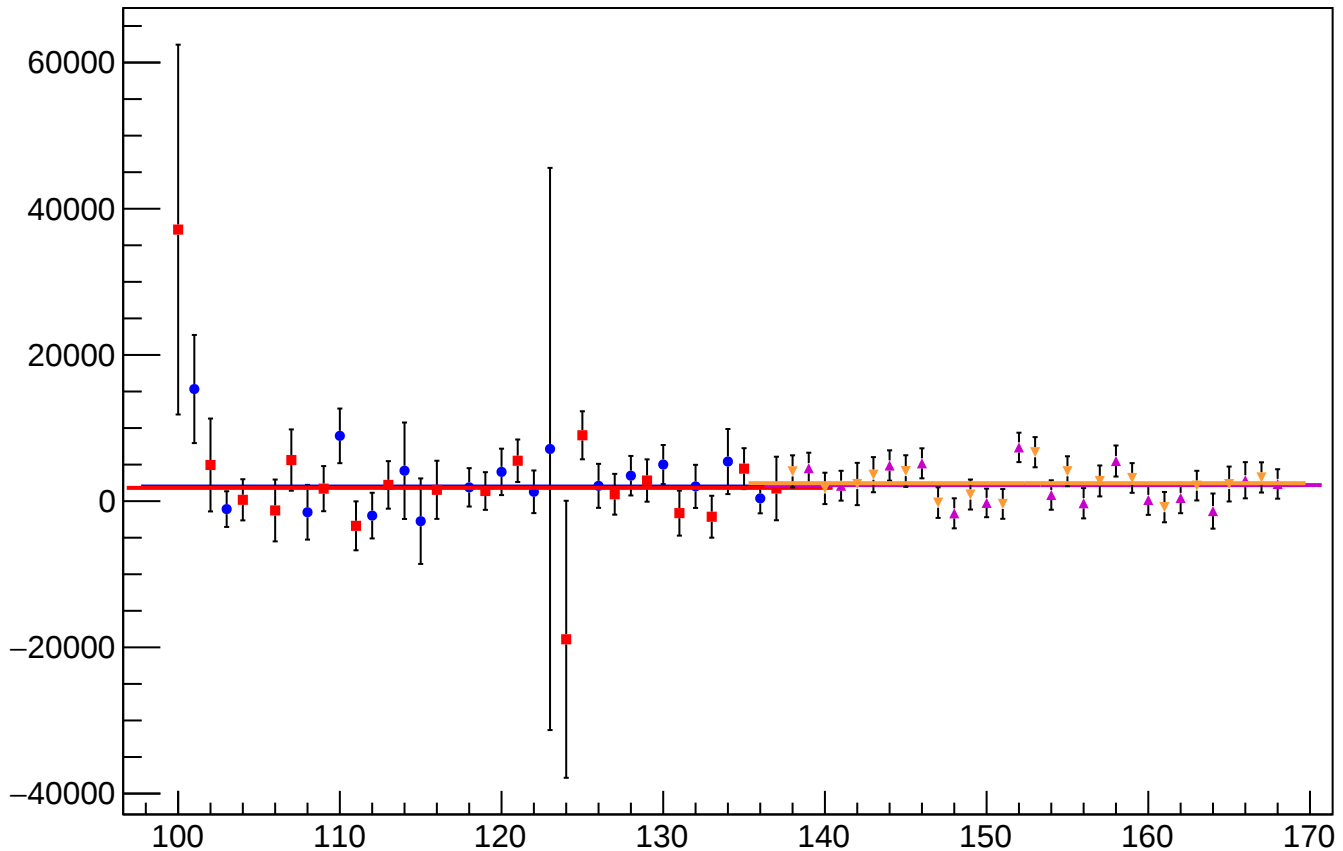
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

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

Out: 1955.285+/-0.318 χ^2/NDF : 496083.0/34

All: 1951.962+/-0.227 χ^2/NDF : 1249777.4/66

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2461.509+/-537.370 χ^2/NDF :13.3/15

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

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

Left: 2330.412+/-380.795 χ^2/NDF : 38.3/30

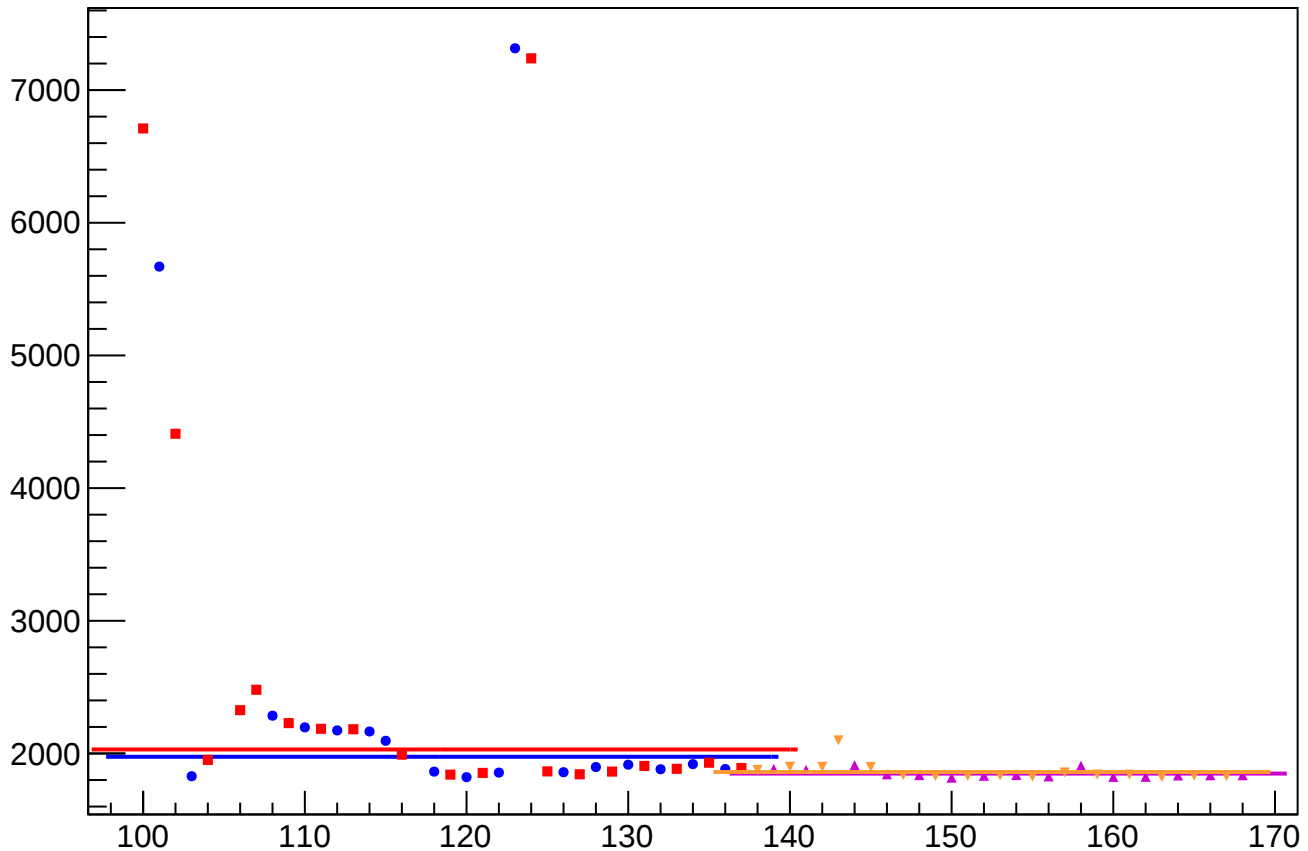
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

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

Out: 2254.134+/-442.785 χ^2/NDF :32.0/34

All: 2194.330+/-313.563 χ^2/NDF : 71.8/66

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

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

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

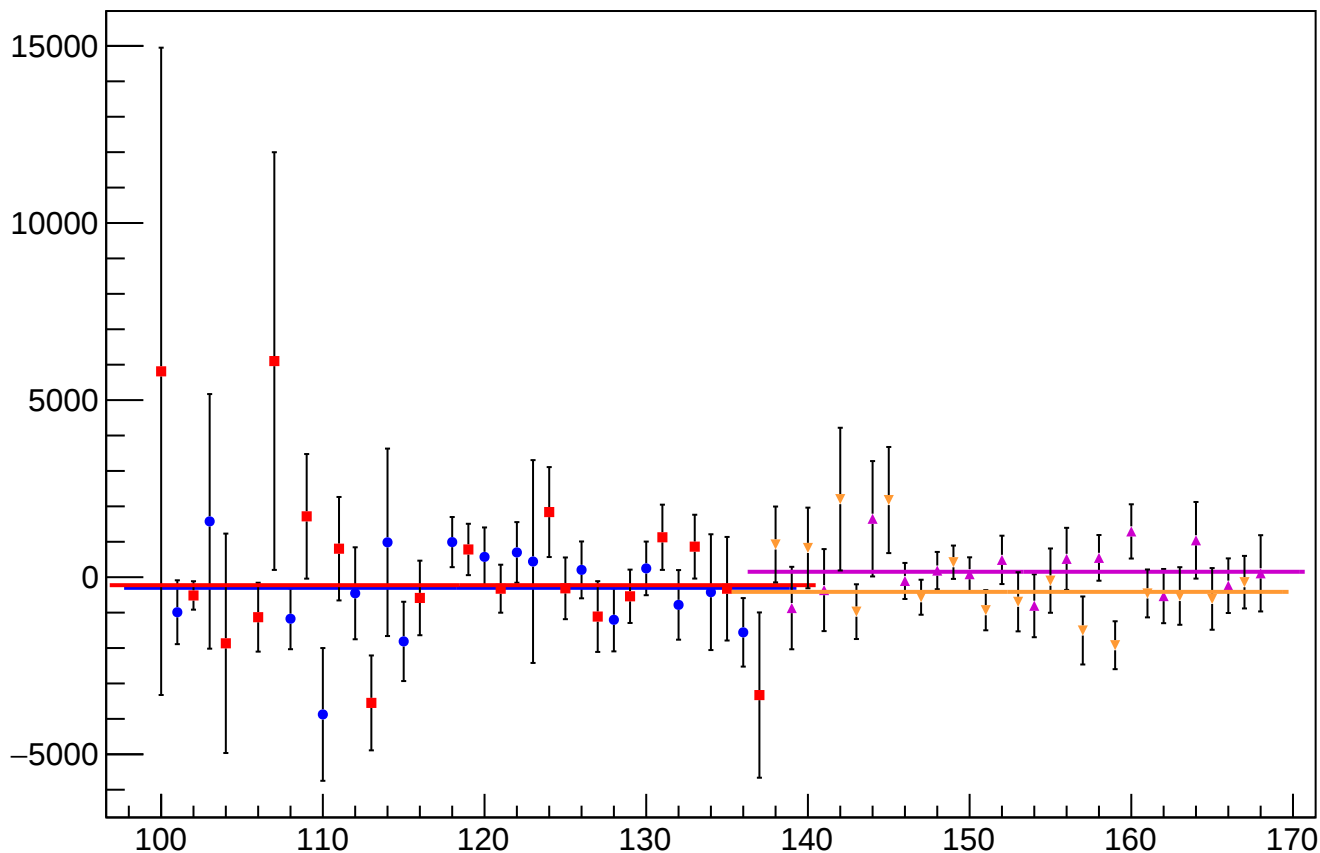
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1914.933+/-0.313 χ^2/NDF : 693386.0/34

All: 1902.208+/-0.222 χ^2/NDF : 1338054.1/60

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

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

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

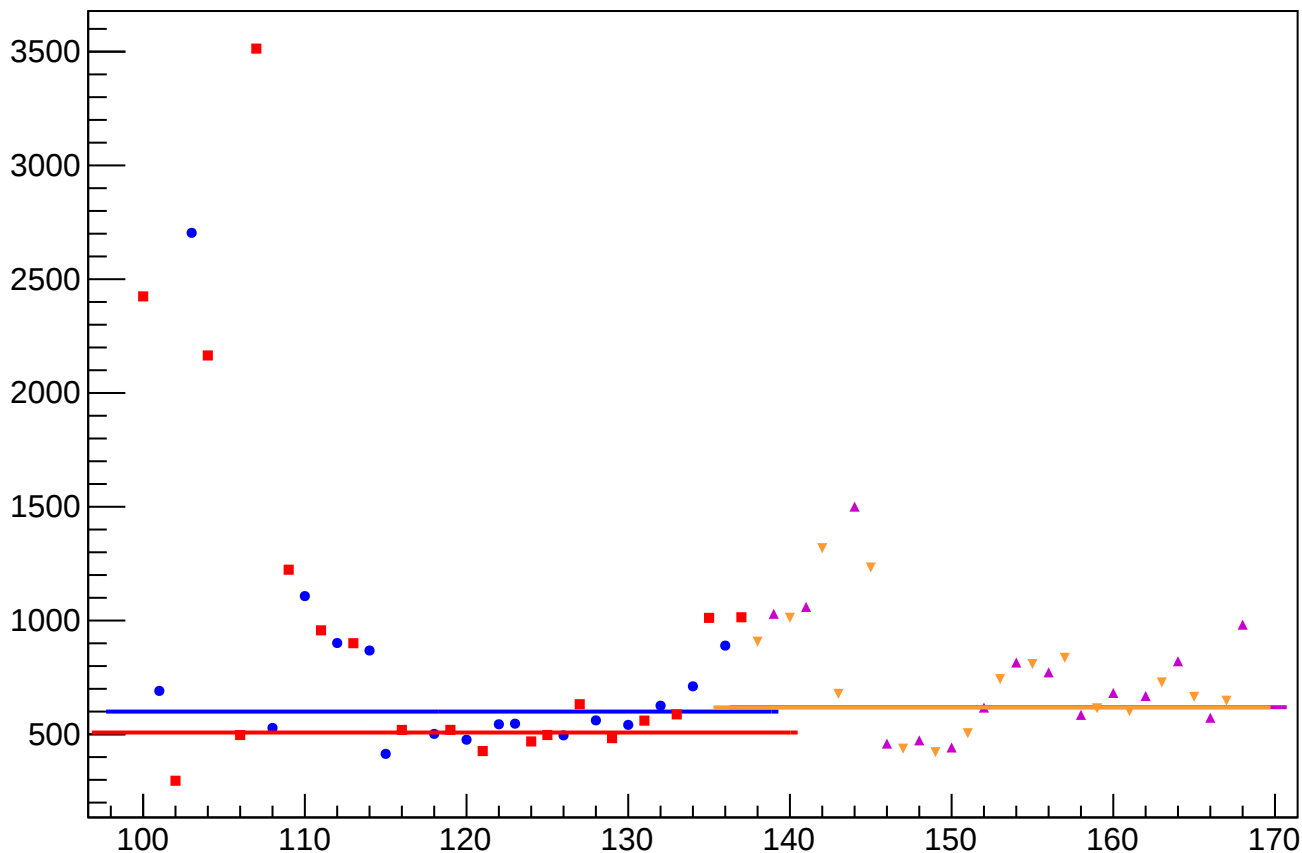
Right: -257.724 $\pm$ 162.302 χ^2/NDF : 39.6/35

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

Out: -332.860 $\pm$ 141.423 χ^2/NDF : 41.4/34

All: -184.259 $\pm$ 103.082 χ^2/NDF : 71.2/66

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

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

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

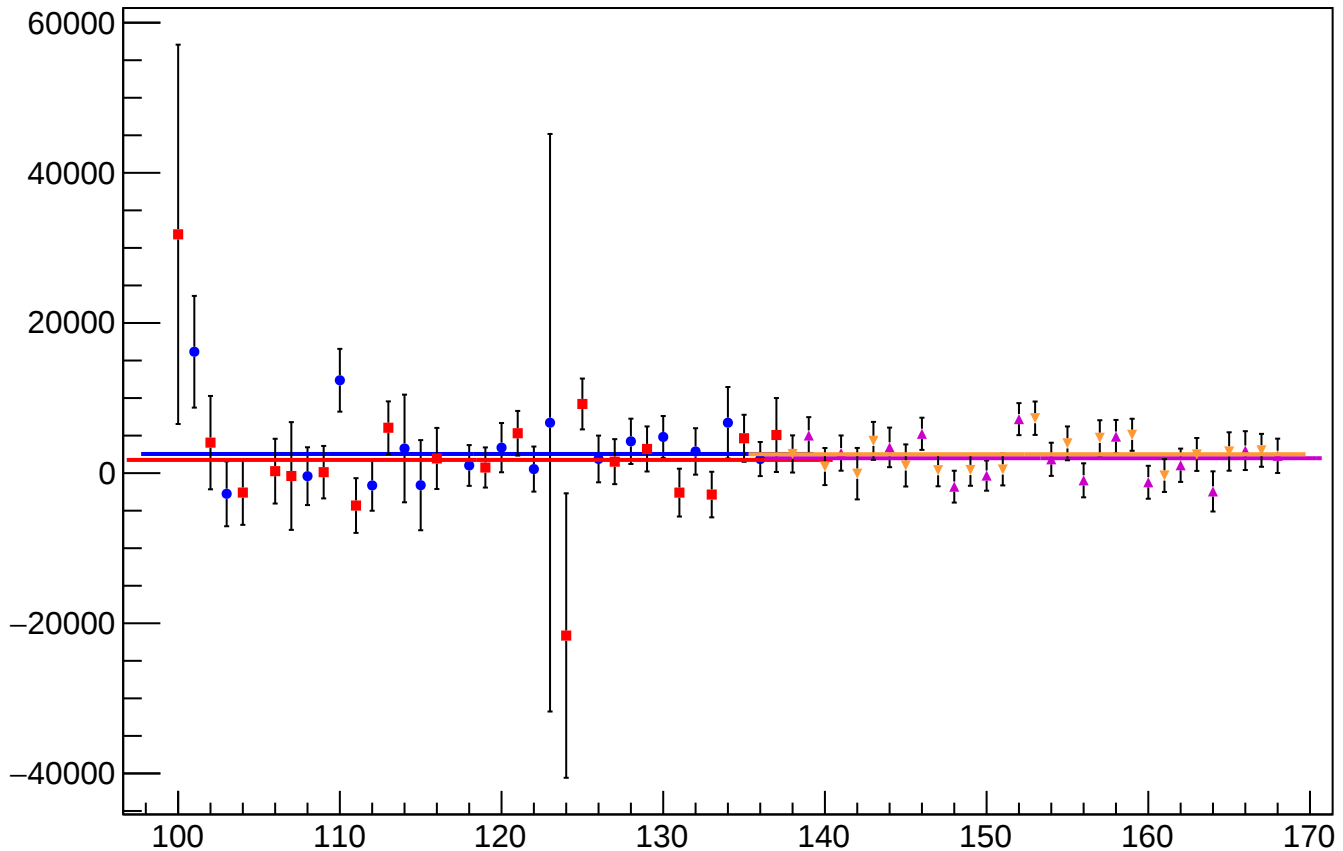
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

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

Out: 570.821 $\pm$ 0.100 χ^2 /NDF:5102996.5/34

All: 590.167 $\pm$ 0.073 χ^2 /NDF: 8812549.7/66

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

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

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

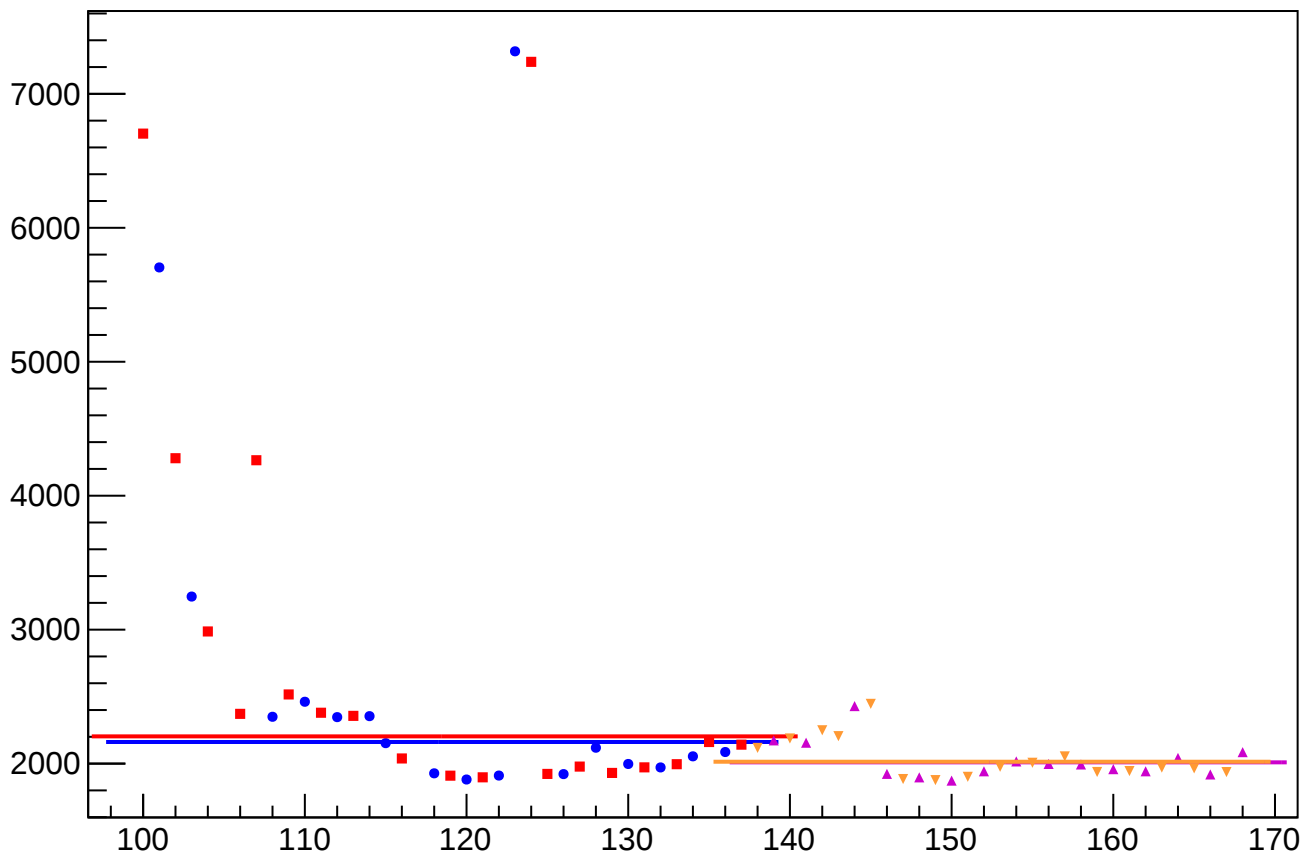
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 2279.220 $\pm$ 481.637 χ^2 /NDF:35.3/34

All: 2223.846 $\pm$ 341.786 χ^2 /NDF: 74.7/66

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2014.058 $\pm$ 0.412 χ^2 /NDF:112853.2/15

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

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

Left: 2011.767 $\pm$ 0.293 χ^2 /NDF: 208423.4/30

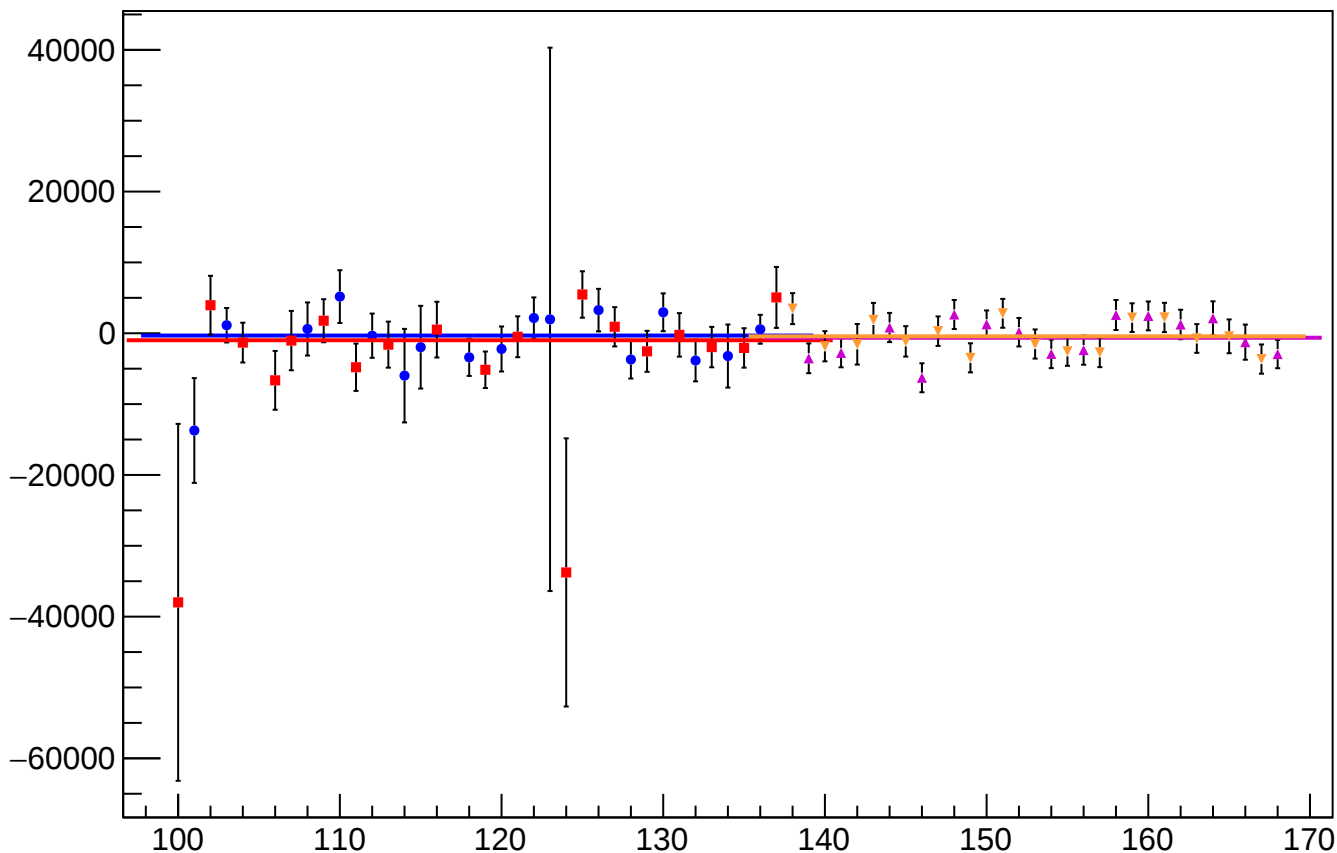
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

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

Out: 2074.169 $\pm$ 0.341 χ^2 /NDF:977192.2/34

All: 2066.102 $\pm$ 0.242 χ^2 /NDF: 1827728.7/66

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 $\pm$ 779.509 χ^2 /NDF: 15.7/16

Left Out: -430.770 $\pm$ 535.723 χ^2 /NDF:18.0/15

Right Out: -985.900 $\pm$ 769.924 χ^2 /NDF: 20.4/18

Left In: -630.753 $\pm$ 538.270 χ^2 /NDF:24.9/14

Left: -530.287 $\pm$ 379.711 χ^2 /NDF: 42.9/30

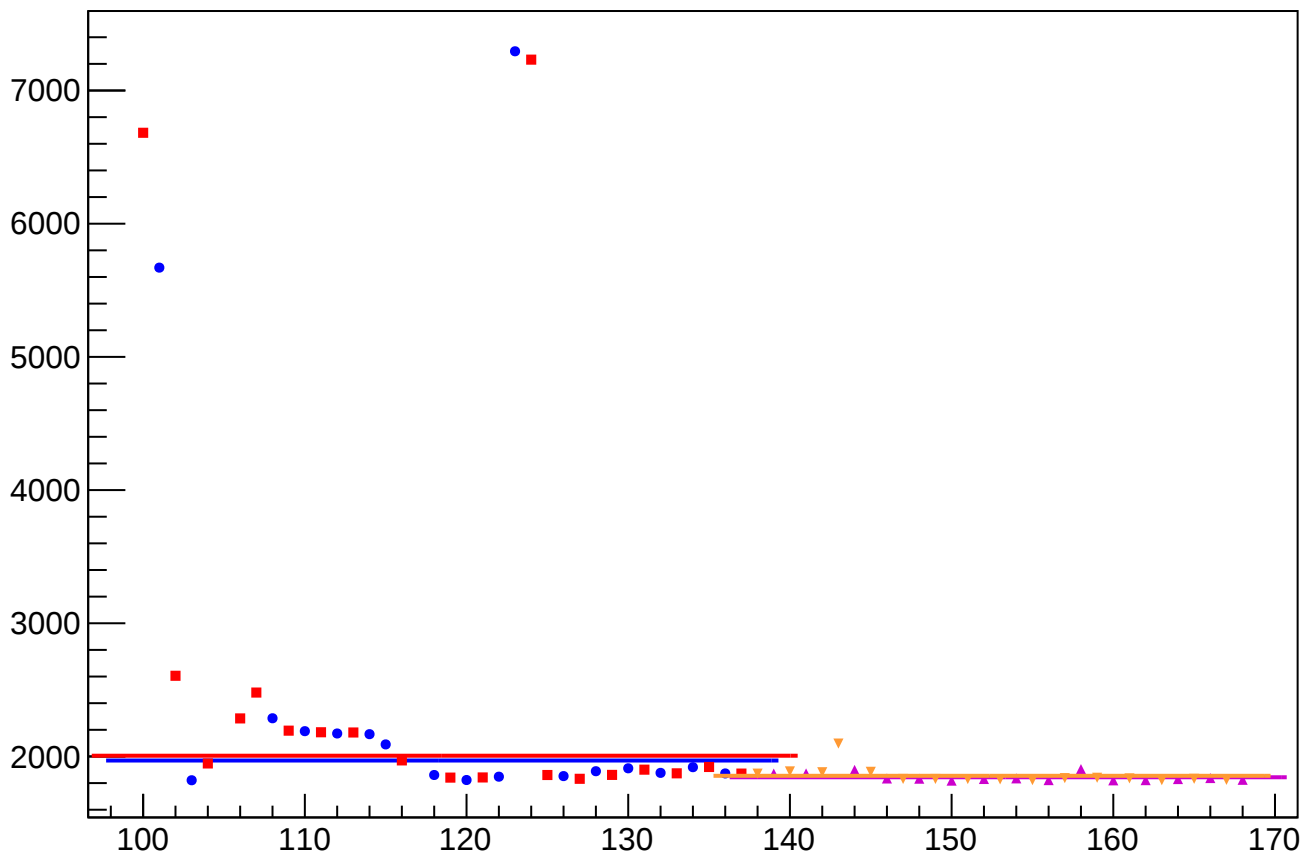
Right: -658.915 $\pm$ 547.776 χ^2 /NDF: 36.4/35

In: -531.627 $\pm$ 442.930 χ^2 /NDF:40.7/31

Out: -611.862 $\pm$ 439.745 χ^2 /NDF:38.7/34

All: -572.034 $\pm$ 312.067 χ^2 /NDF: 79.4/66

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

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

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

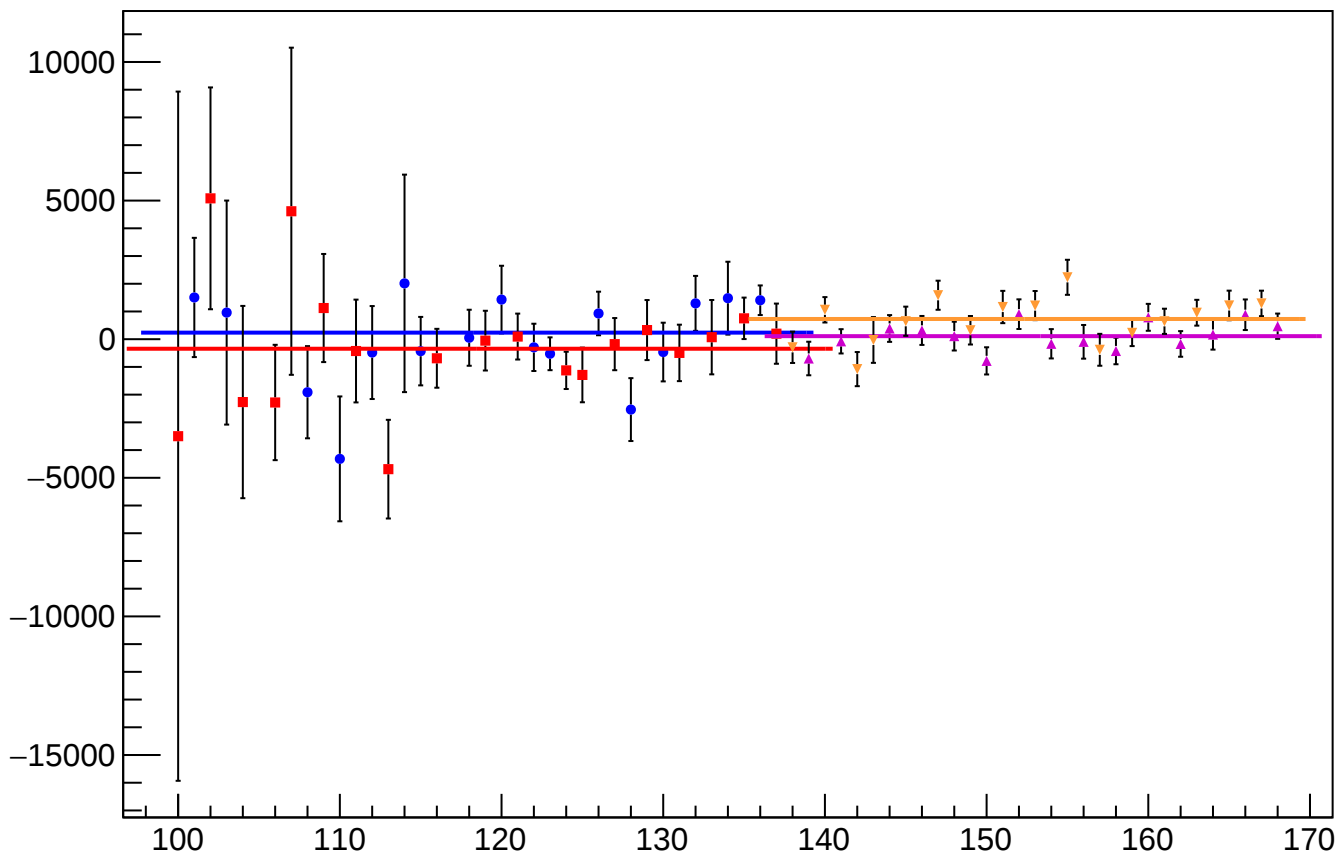
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1903.937+/-0.311 χ^2/NDF : 436047.7/34

All: 1894.210+/-0.221 χ^2/NDF : 1081409.5/66

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

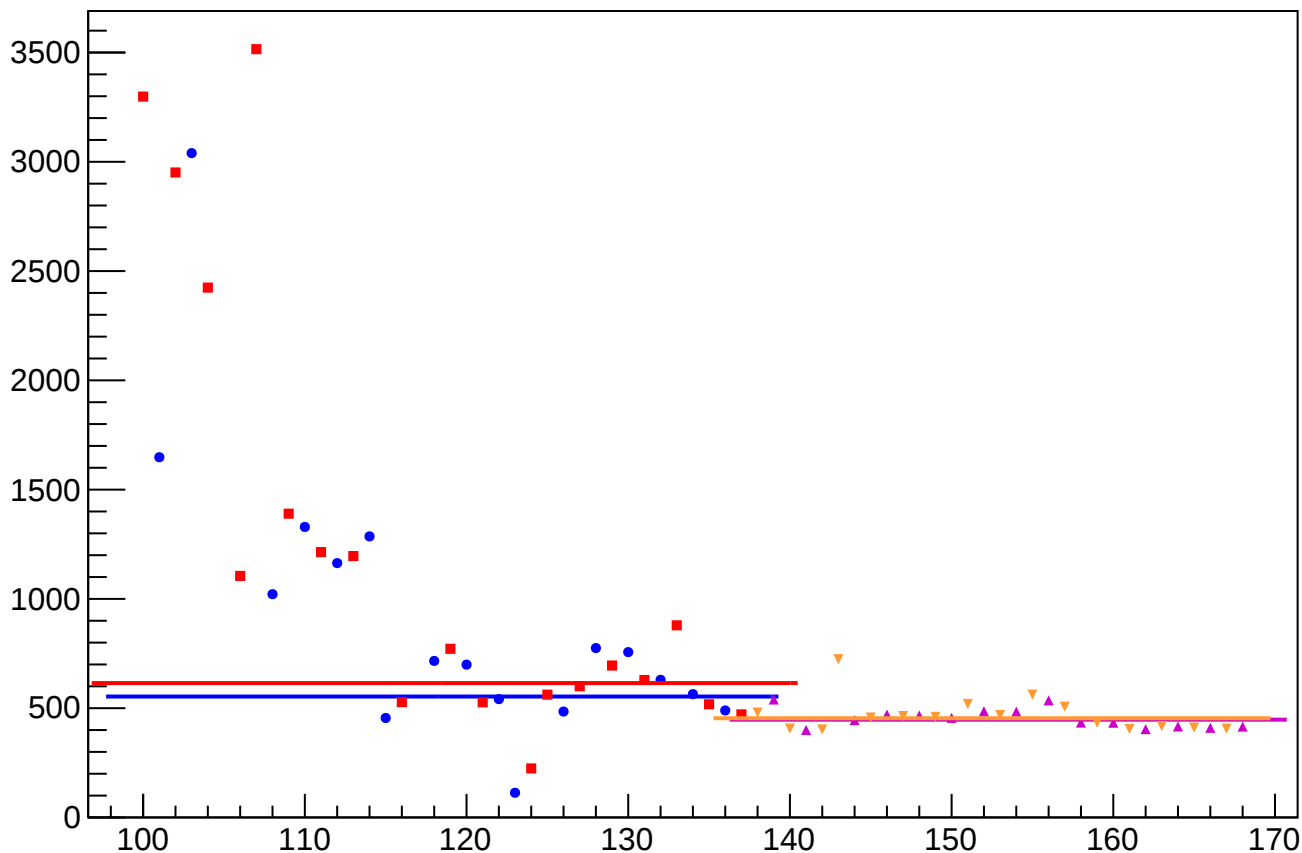
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

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

Out: 519.819 $\pm$ 118.612 χ^2 /NDF:59.9/34

All: 324.070 $\pm$ 82.877 χ^2 /NDF: 103.8/66

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

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

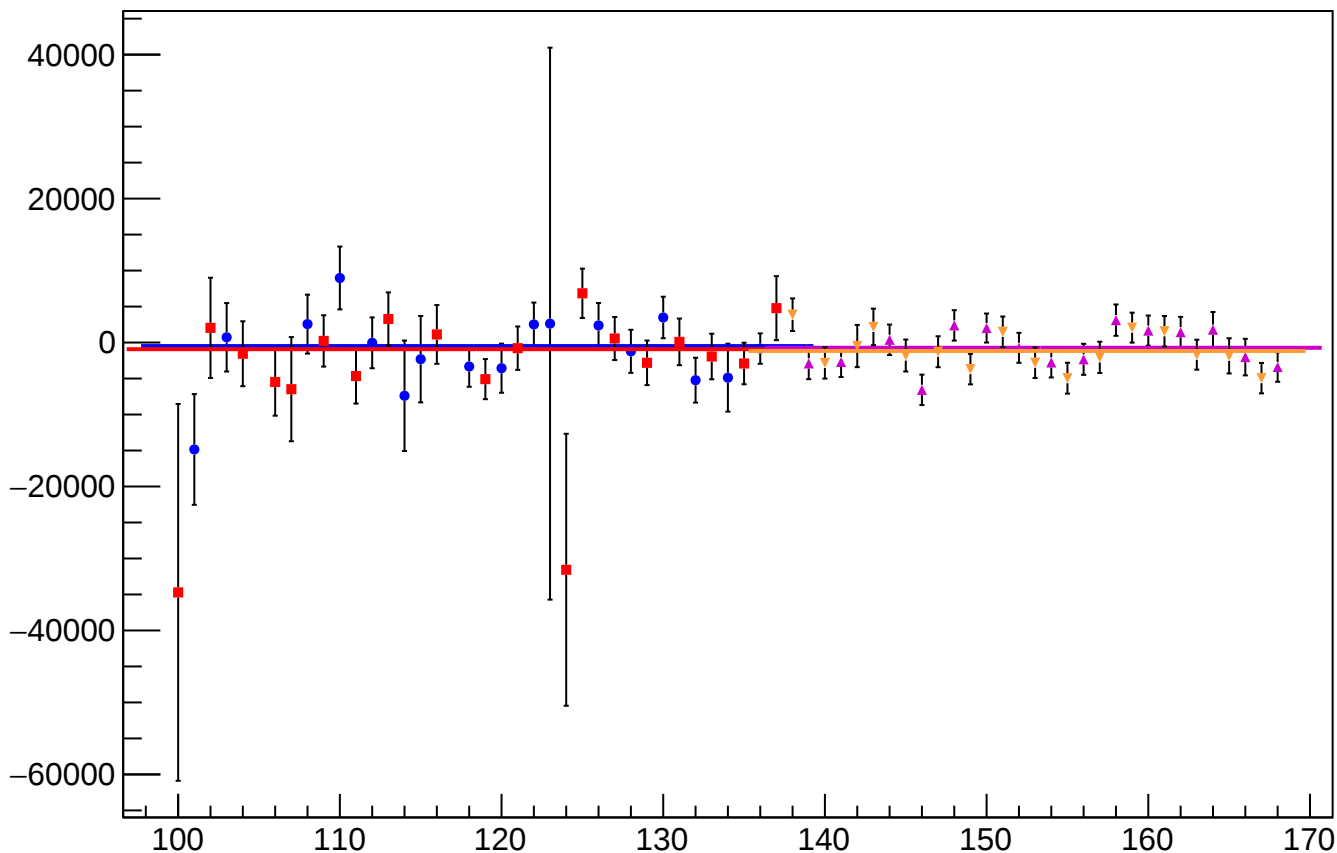
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

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

Out: 485.300 $\pm$ 0.084 χ^2 /NDF: 4577649.7/34

All: 477.697 $\pm$ 0.059 χ^2 /NDF: 8475289.3/66

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1164.806+/-553.239 χ^2/NDF : 21.7/15

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

Left In: -727.136+/-554.660 χ^2/NDF : 23.8/14

Left: -946.532+/-391.700 χ^2/NDF : 45.8/30

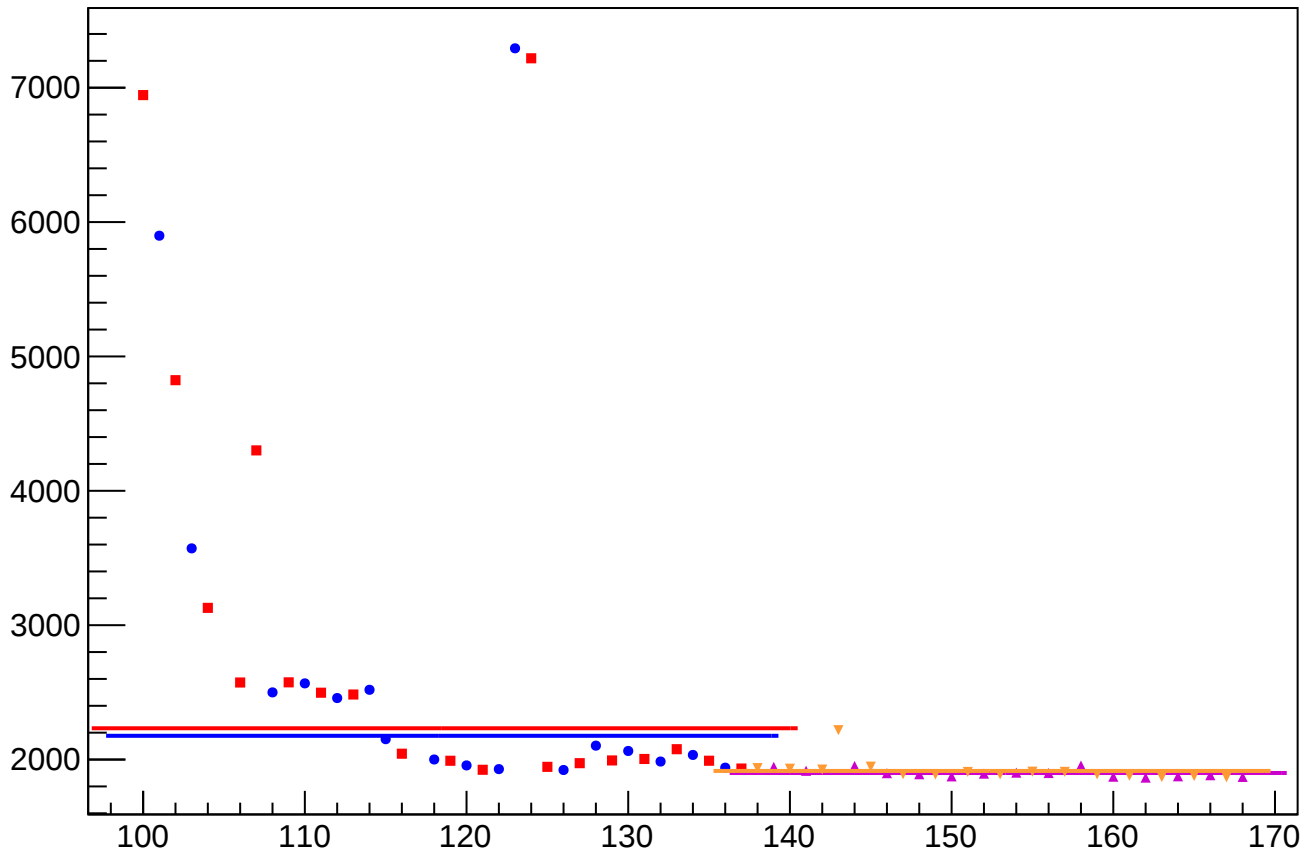
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -658.942+/-467.382 χ^2/NDF : 42.4/31

Out: -1094.712+/-466.636 χ^2/NDF : 40.7/34

All: -877.175+/-330.225 χ^2/NDF : 83.5/66

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

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

Left: 1907.675 ± 0.277 χ^2/NDF : 39597.8/30

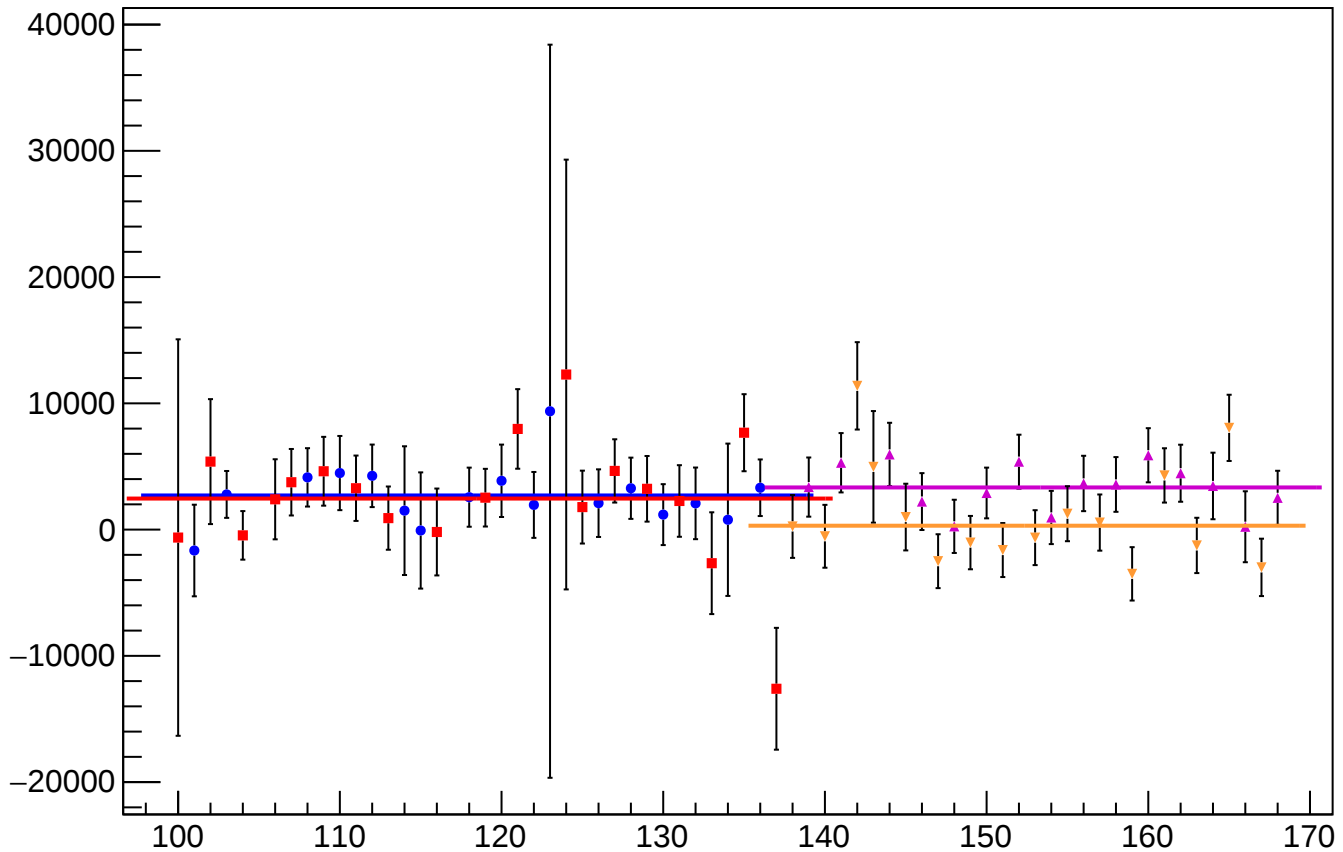
Right: 2204.793 ± 0.434 χ^2/NDF : 1697410.2/35

In: 1980.284 ± 0.330 χ^2/NDF : 952402.0/31

Out: 2006.911 ± 0.330 χ^2/NDF : 1114219.7/34

All: 1993.619 ± 0.234 χ^2/NDF : 2069872.6/60

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

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

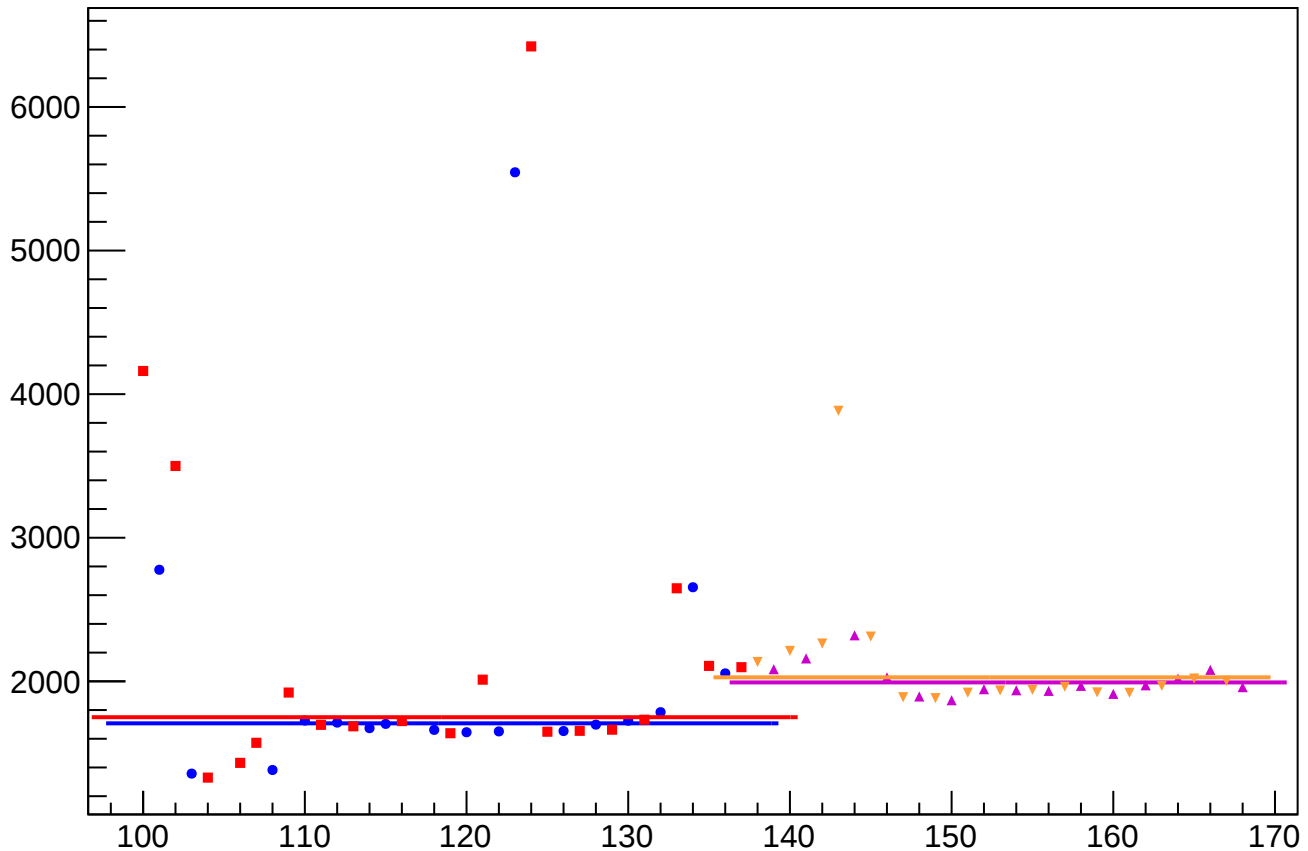
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

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

Out: 1227.301 $\pm$ 446.297 χ^2 /NDF:61.8/34

All: 2160.187 $\pm$ 313.397 χ^2 /NDF: 84.5/66

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 $\pm$ 0.477 χ^2/NDF : 422166.4/16

Left Out: 2027.797 $\pm$ 0.417 χ^2/NDF : 442734.7/15

Right Out: 1750.114 $\pm$ 0.483 χ^2/NDF : 746498.0/18

Left In: 1992.371 $\pm$ 0.411 χ^2/NDF : 69477.2/14

Left: 2009.828 $\pm$ 0.293 χ^2/NDF : 515871.7/30

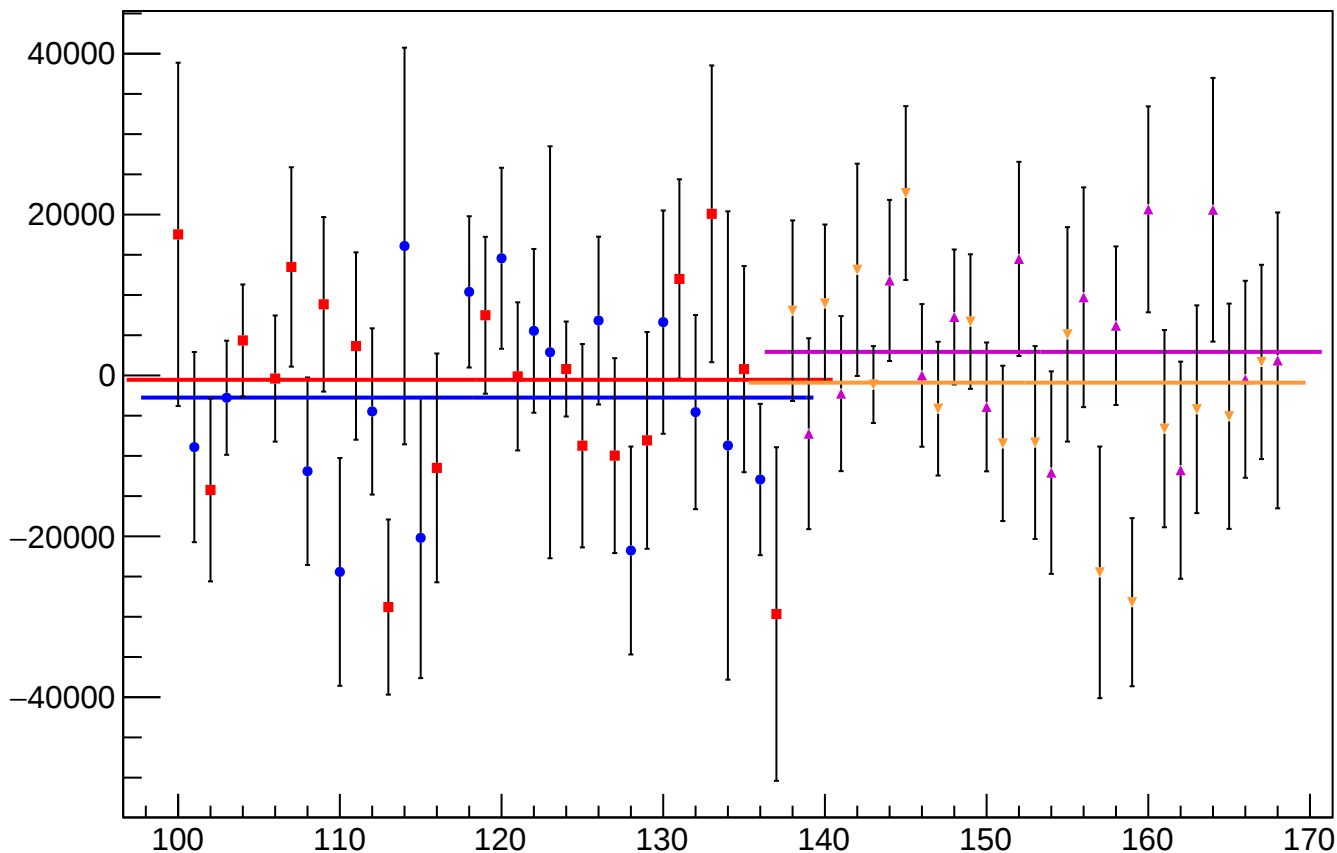
Right: 1728.481 $\pm$ 0.339 χ^2/NDF : 1172634.0/35

In: 1870.778 $\pm$ 0.311 χ^2/NDF : 696709.9/31

Out: 1909.066 $\pm$ 0.316 χ^2/NDF : 1378777.4/34

All: 1889.661 $\pm$ 0.222 χ^2/NDF : 2082949.9/60

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

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

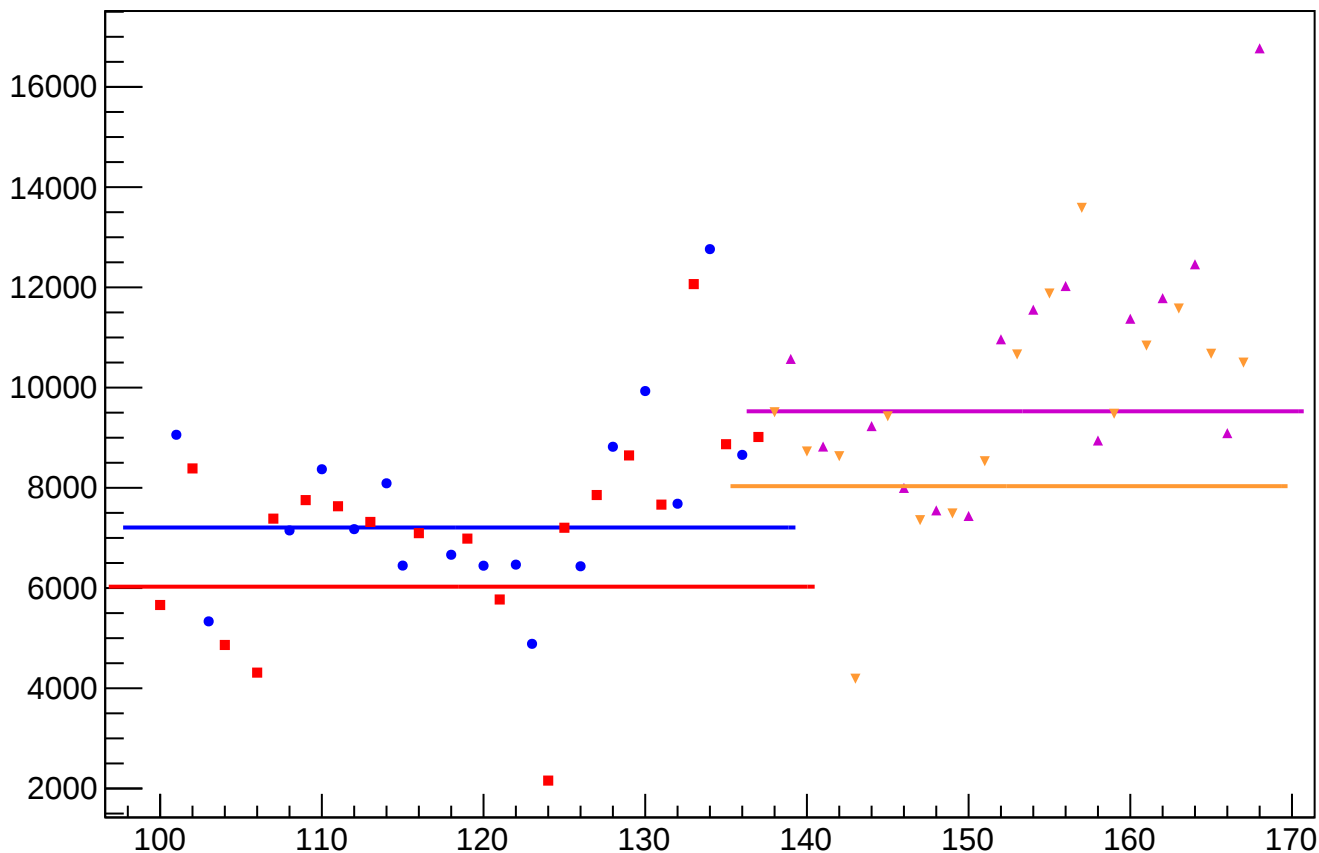
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

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

Out: -714.689 $\pm$ 1724.236 χ^2 /NDF:37.7/34

All: -371.586 $\pm$ 1308.298 χ^2 /NDF: 64.3/66

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: 6027.409 $\pm$ 1.715 χ^2 /NDF: 1798157.6/18

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

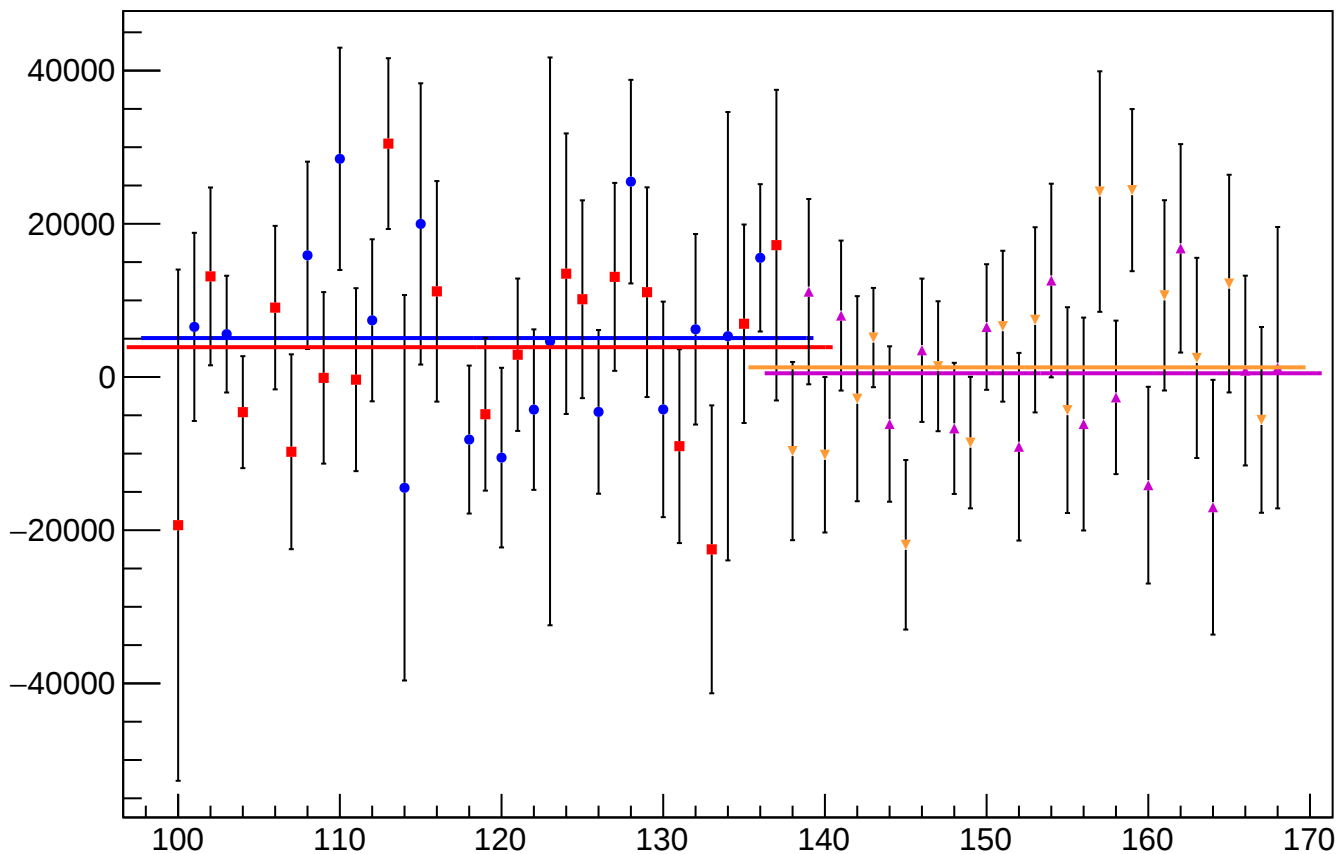
Right: 6524.876 $\pm$ 1.304 χ^2 /NDF: 2491712.1/35

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

Out: 7019.046 $\pm$ 1.219 χ^2 /NDF: 4838457.9/34

All: 7591.848 $\pm$ 0.925 χ^2 /NDF: 7481723.7/66

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

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

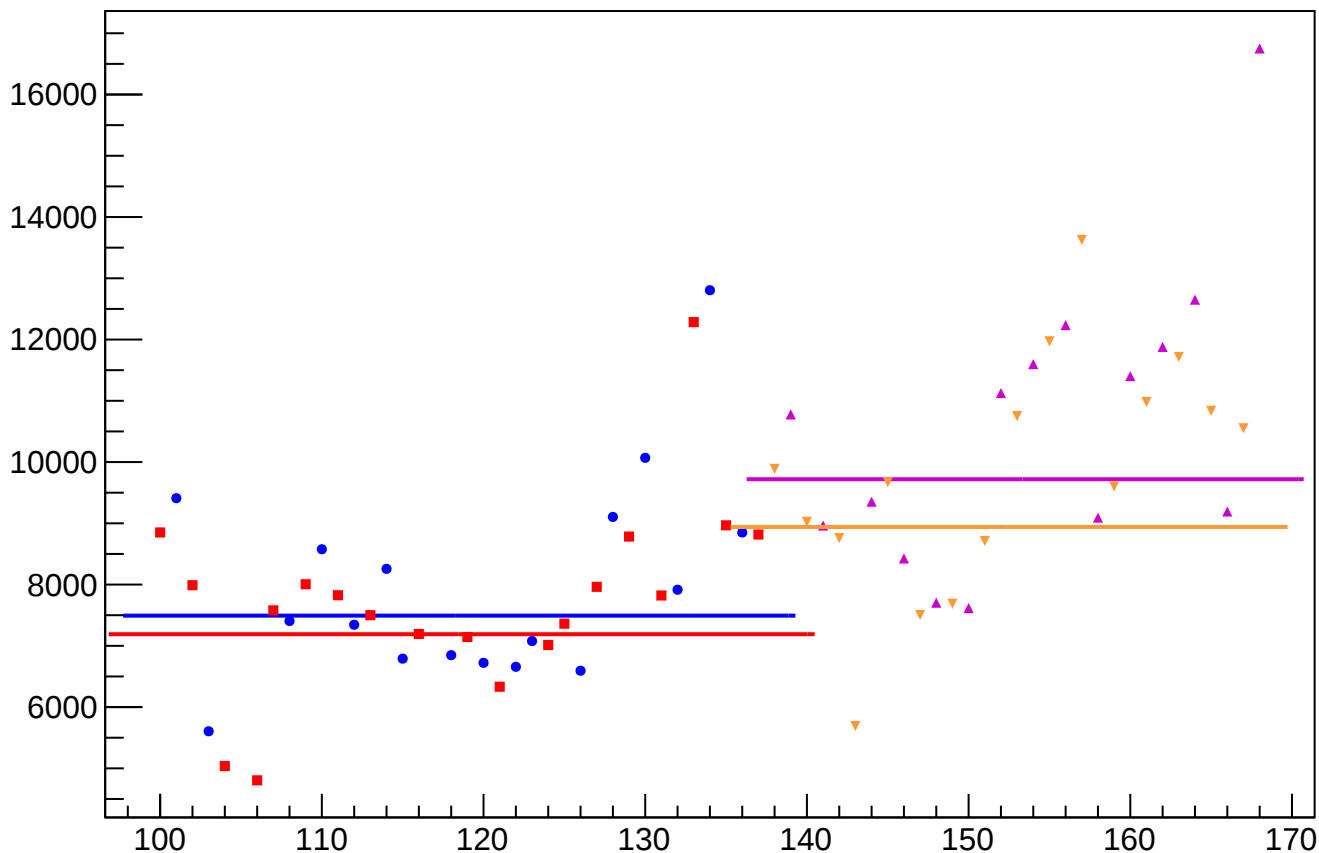
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

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

Out: 2511.629 $\pm$ 1923.343 χ^2 /NDF: 33.6/34

All: 2615.963 $\pm$ 1408.063 χ^2 /NDF: 57.6/66

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8940.364 $\pm$ 1.877 χ^2 /NDF:1174506.1/15

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

Left In: 9719.885 $\pm$ 2.045 χ^2 /NDF:898189.9/14

Left: 9296.830 $\pm$ 1.383 χ^2 /NDF: 2151546.7/30

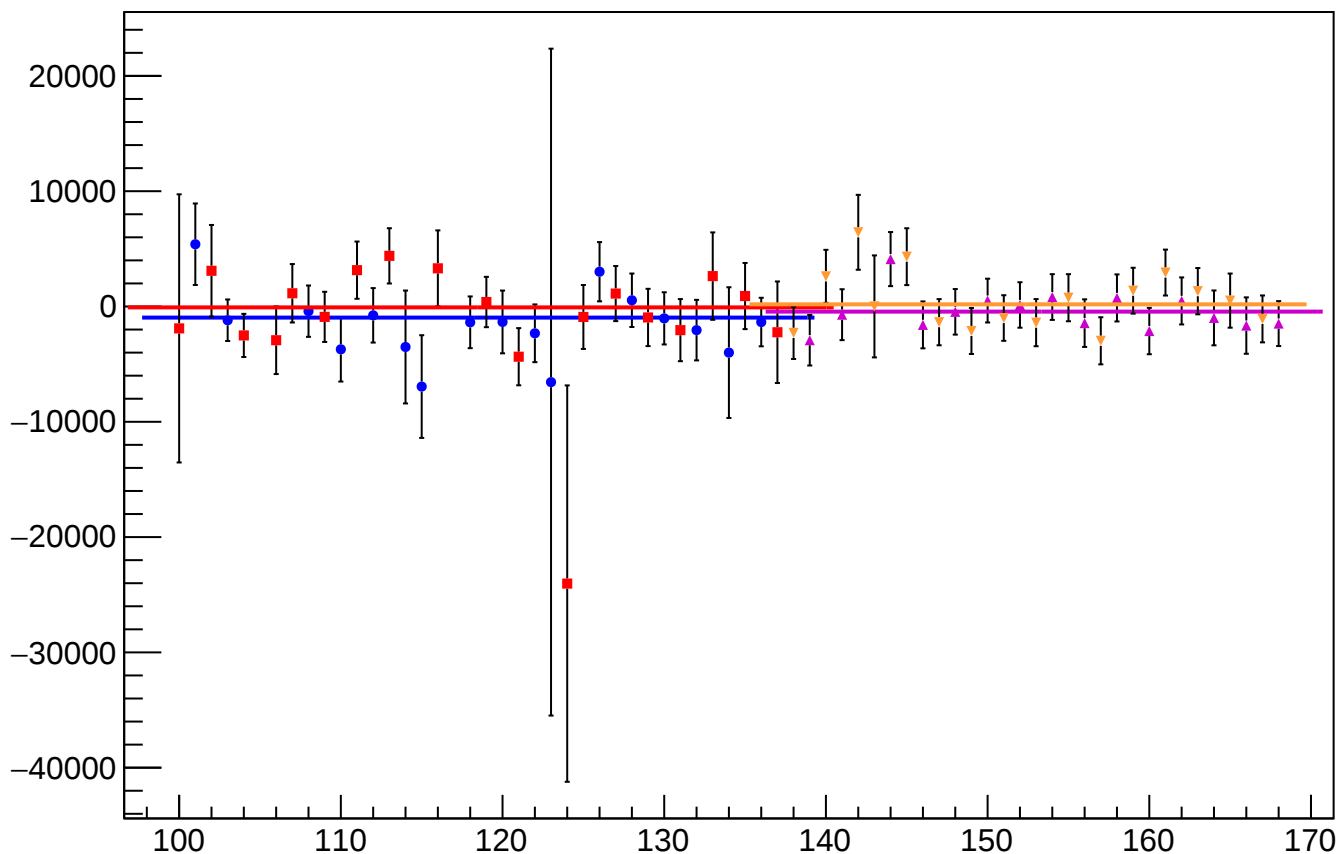
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8630.392 $\pm$ 1.462 χ^2 /NDF:1915397.7/31

Out: 8108.350 $\pm$ 1.360 χ^2 /NDF:2148773.8/34

All: 8350.587 $\pm$ 0.996 χ^2 /NDF: 4132549.2/66

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 187.537+/-546.705 χ^2 /NDF:17.2/15

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

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

Left: -133.545+/-383.583 χ^2 /NDF: 26.1/30

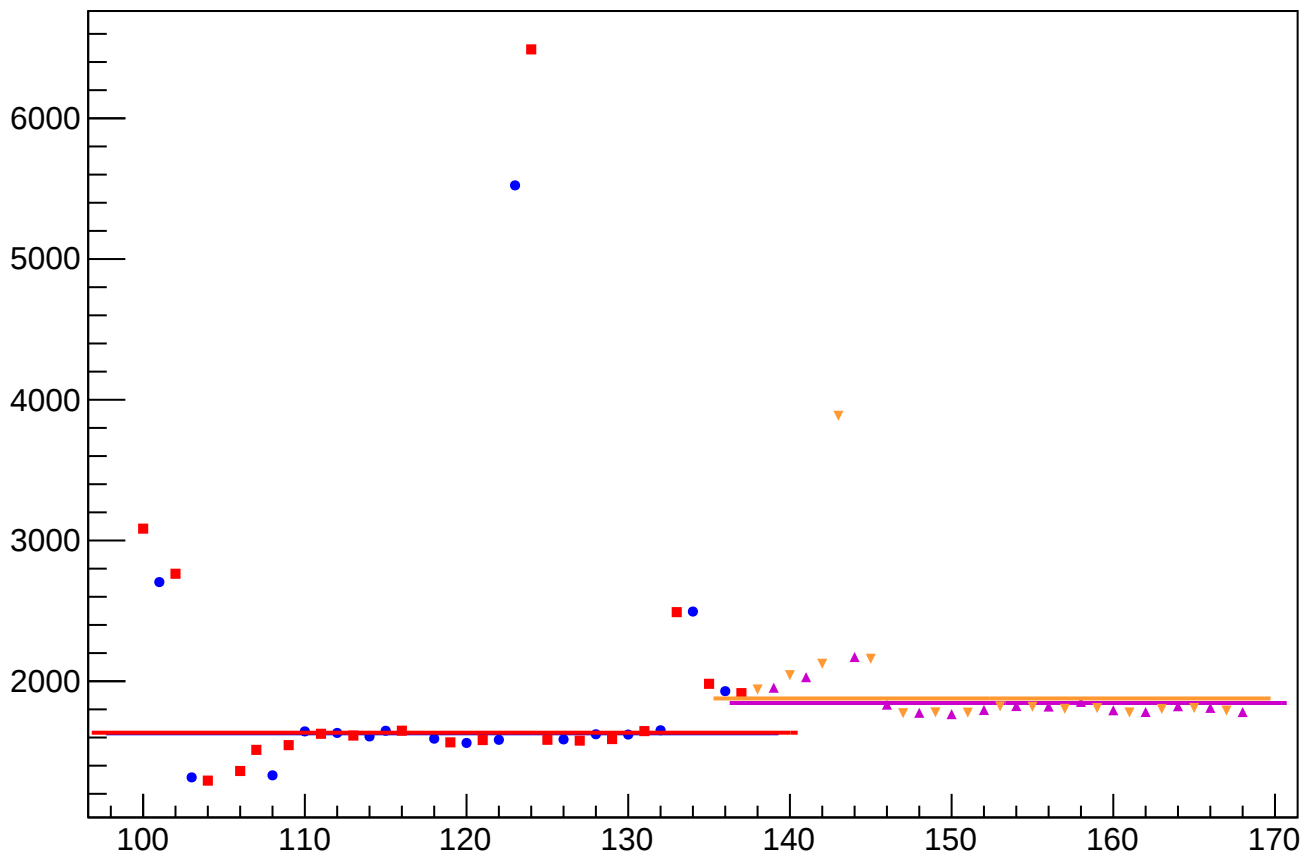
Right: -513.024+/-451.276 χ^2 /NDF: 27.8/35

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

Out: 74.723+/-413.887 χ^2 /NDF:34.0/34

All: -292.716+/-292.268 χ^2 /NDF: 54.2/66

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

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

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

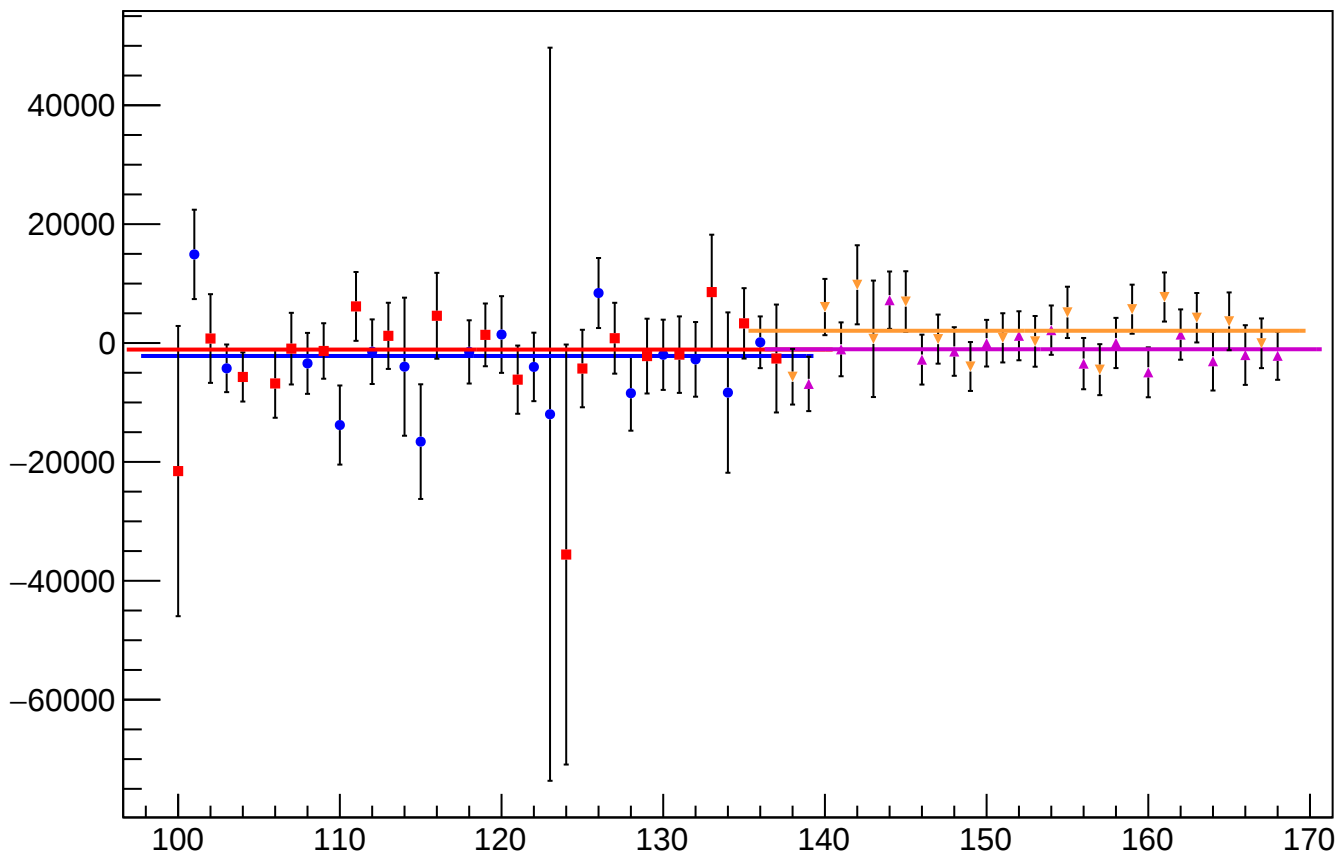
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

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

Out: 1773.736+/-0.293 χ^2/NDF : 1256698.5/34

All: 1765.140+/-0.207 χ^2/NDF : 1869972.4/60

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2063.365+/-1135.594 χ^2/NDF : 14.4/15

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

Left In: -1047.417+/-1116.659 χ^2/NDF : 7.5/14

Left: 481.823+/-796.207 χ^2/NDF : 25.7/30

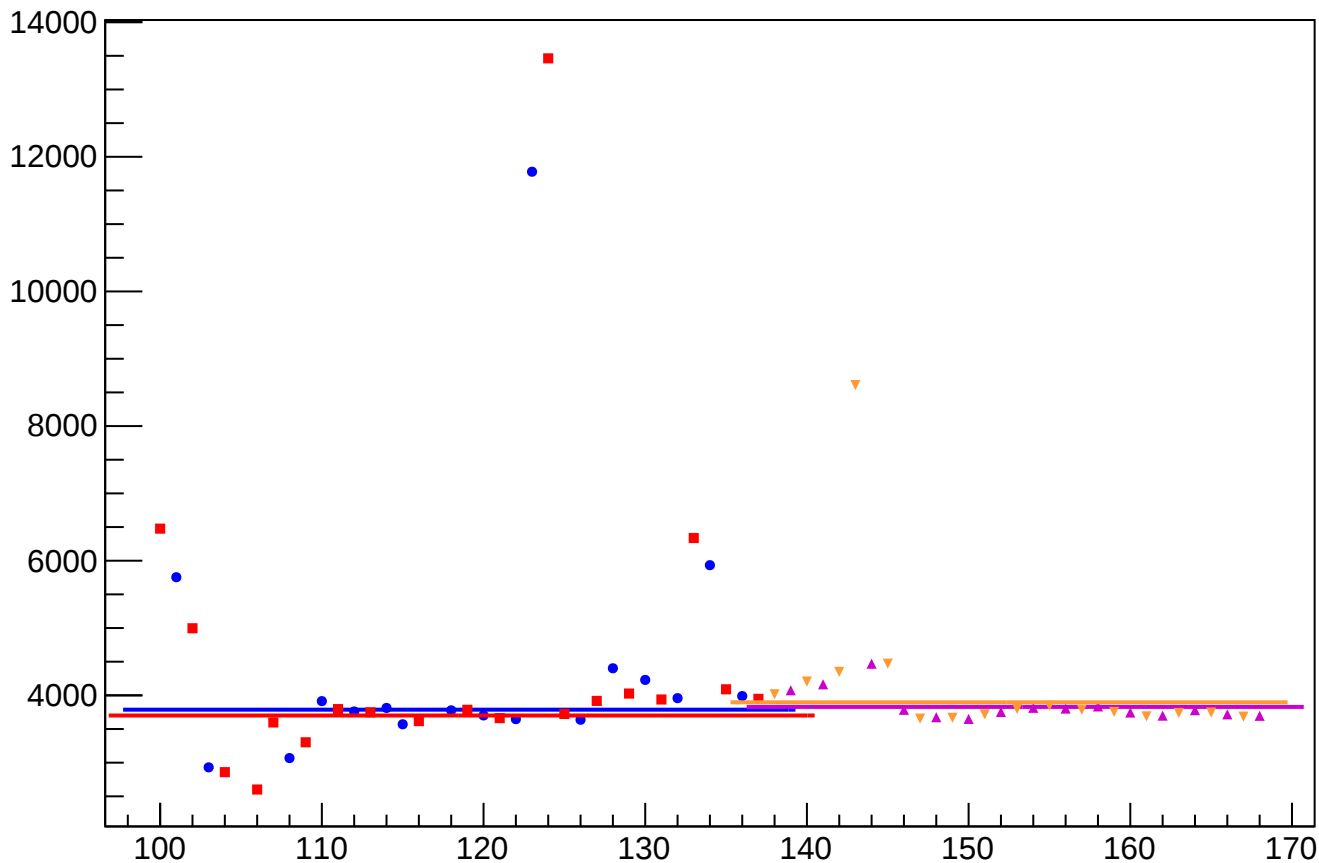
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1453.425+/-894.220 χ^2/NDF : 23.9/31

Out: 850.854+/-891.641 χ^2/NDF : 26.6/34

All: -297.958+/-631.395 χ^2/NDF : 53.9/66

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

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

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

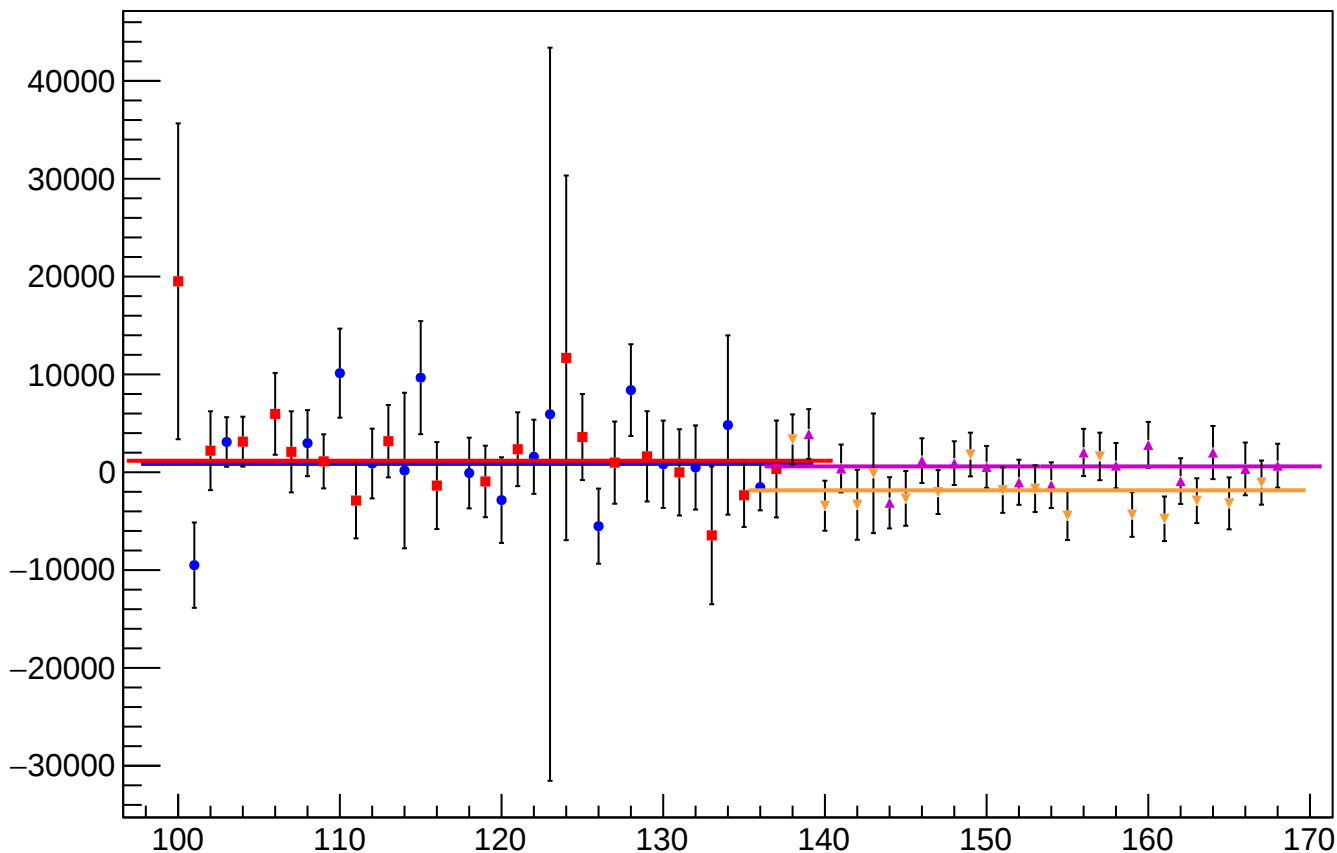
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3821.531+/-0.630 χ^2/NDF : 1147978.5/34

All: 3817.591+/-0.446 χ^2/NDF : 1607761.4/66

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1844.377 ± 627.191 χ^2/NDF : 14.0/15

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

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

Left: -600.222 ± 439.148 χ^2/NDF : 28.7/30

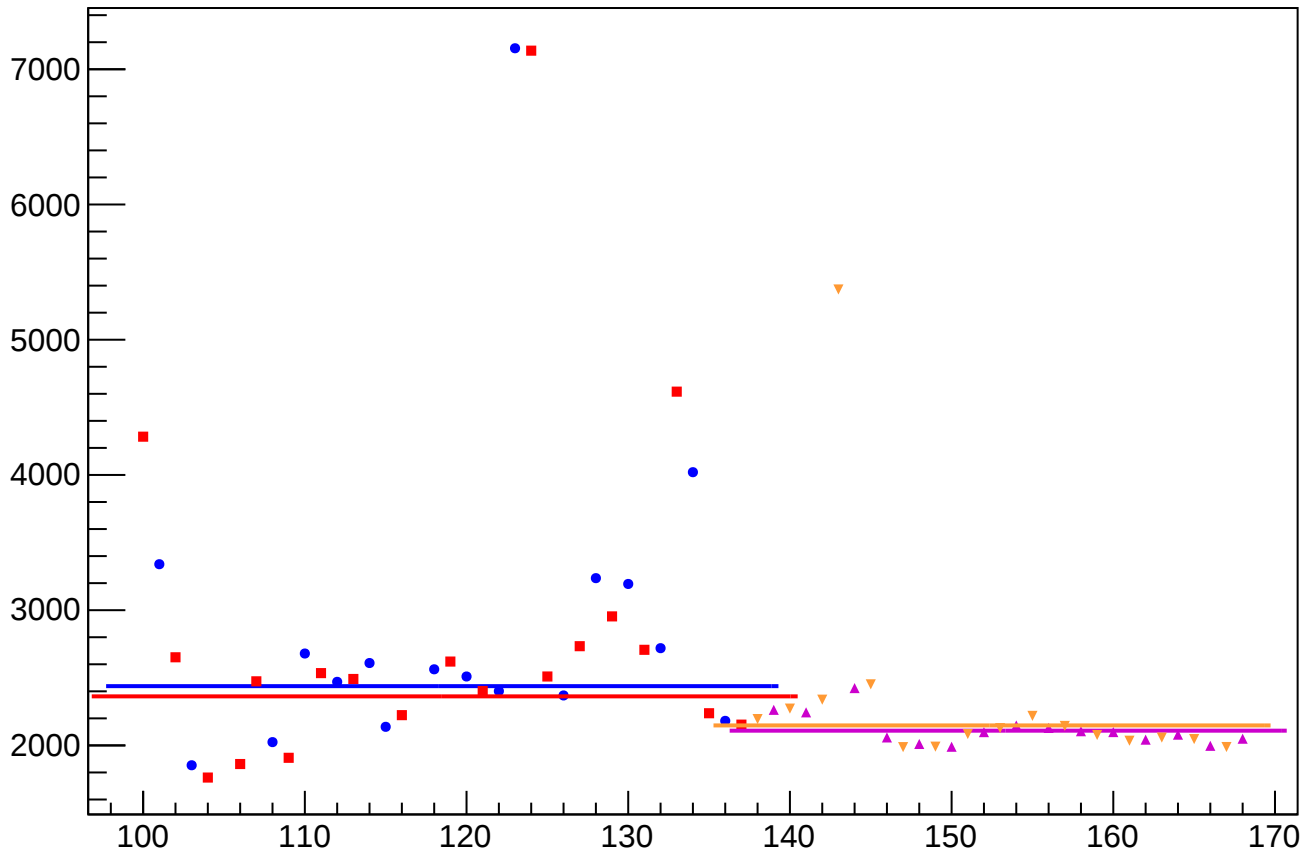
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 671.458 ± 518.642 χ^2/NDF : 27.6/31

Out: -893.413 ± 519.231 χ^2/NDF : 29.9/34

All: -110.090 ± 366.943 χ^2/NDF : 62.1/66

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: 2362.739 ± 0.655 $\chi^2/\text{NDF}: 657525.3/18$

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

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

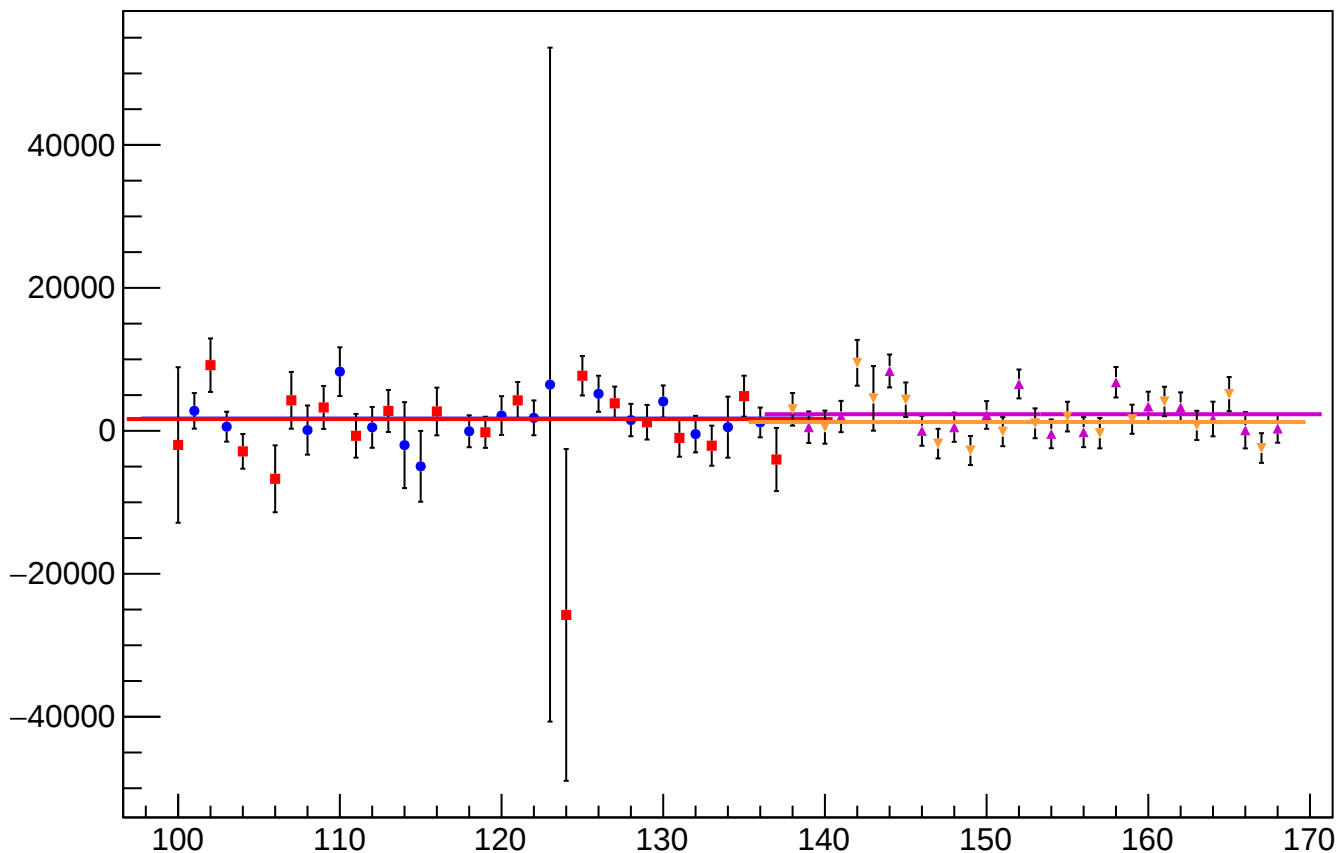
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

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

Out: 2215.468 ± 0.367 $\chi^2/\text{NDF}: 1368023.2/34$

All: 2209.808 ± 0.259 $\chi^2/\text{NDF}: 2071786.7/66$

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: 1650.522 ± 694.283 χ^2/NDF : 27.0/18

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

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

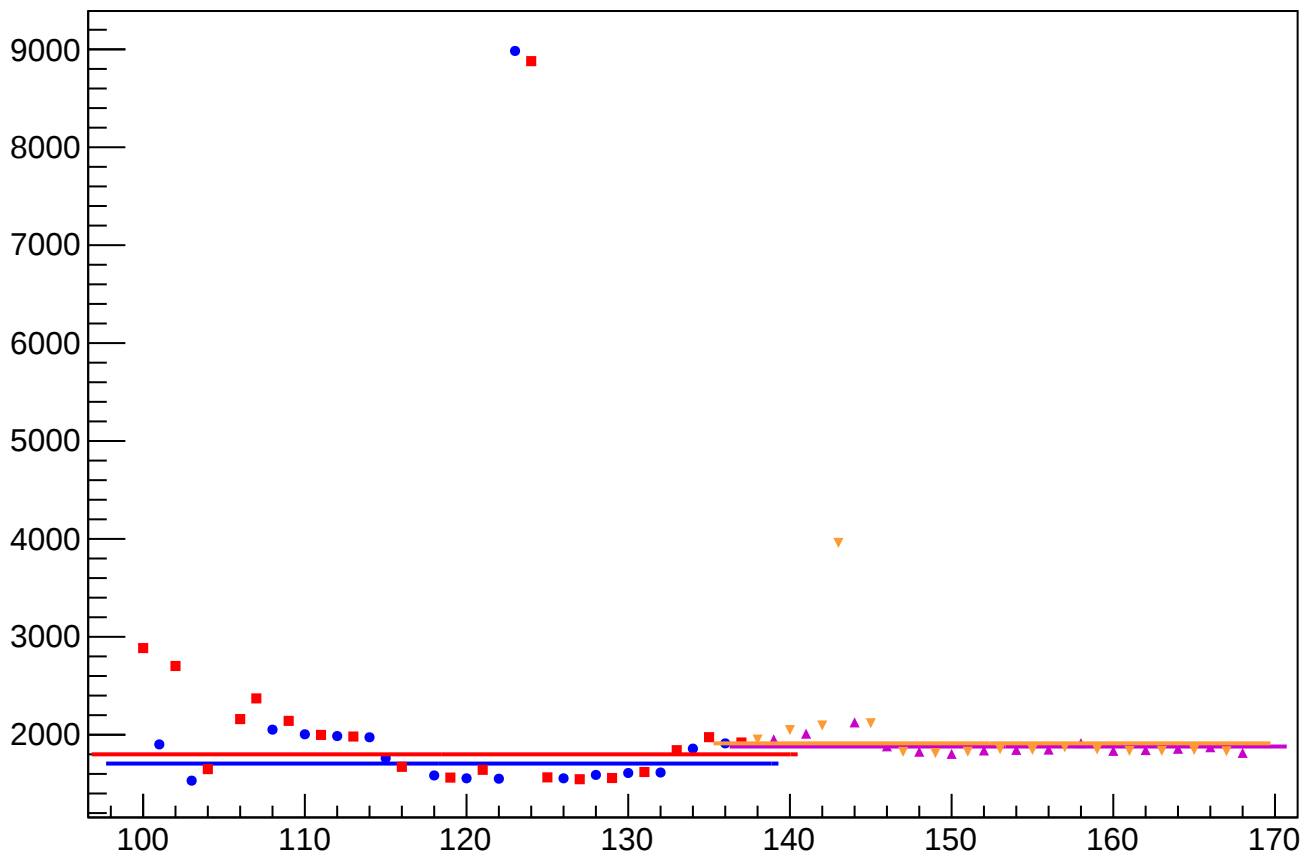
Right: 1682.780 ± 481.052 χ^2/NDF : 38.3/35

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

Out: 1397.265 ± 434.651 χ^2/NDF : 51.6/34

All: 1745.081 ± 303.538 χ^2/NDF : 88.8/66

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1912.139+/-0.394 χ^2 /NDF: 467528.6/15

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

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

Left: 1895.681+/-0.277 χ^2 /NDF: 513899.4/30

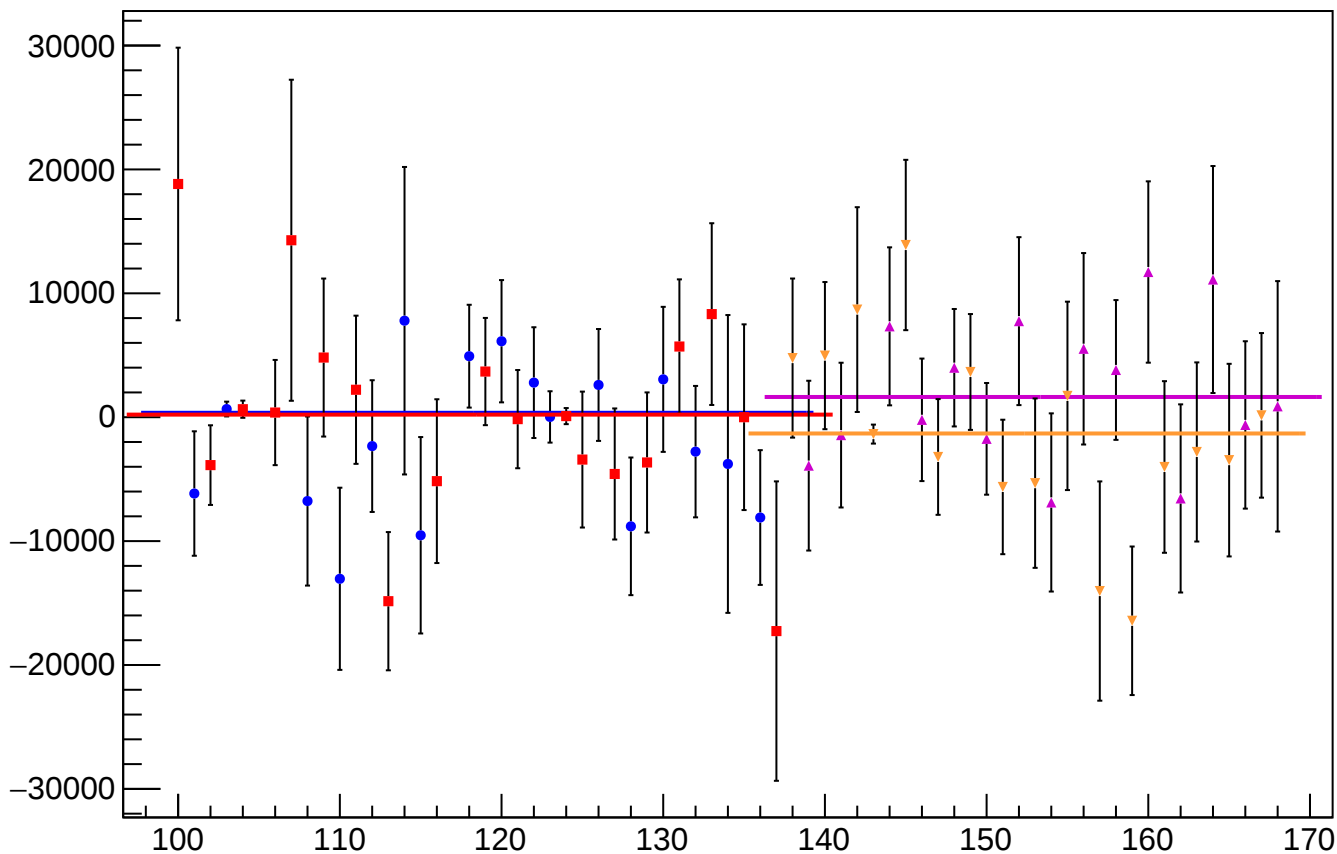
Right: 1751.031+/-0.340 χ^2 /NDF: 752208.6/35

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

Out: 1868.068+/-0.307 χ^2 /NDF: 1038124.3/34

All: 1838.016+/-0.215 χ^2 /NDF: 1375081.4/60

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025+/-533.209 χ^2/NDF : 17.5/16

Left Out: -1313.135+/-694.010 χ^2/NDF :19.6/15

Right Out: 209.907+/-446.627 χ^2/NDF : 21.4/18

Left In: 1633.629+/-1624.925 χ^2/NDF :9.6/14

Left: -858.524+/-638.235 χ^2/NDF : 31.9/30

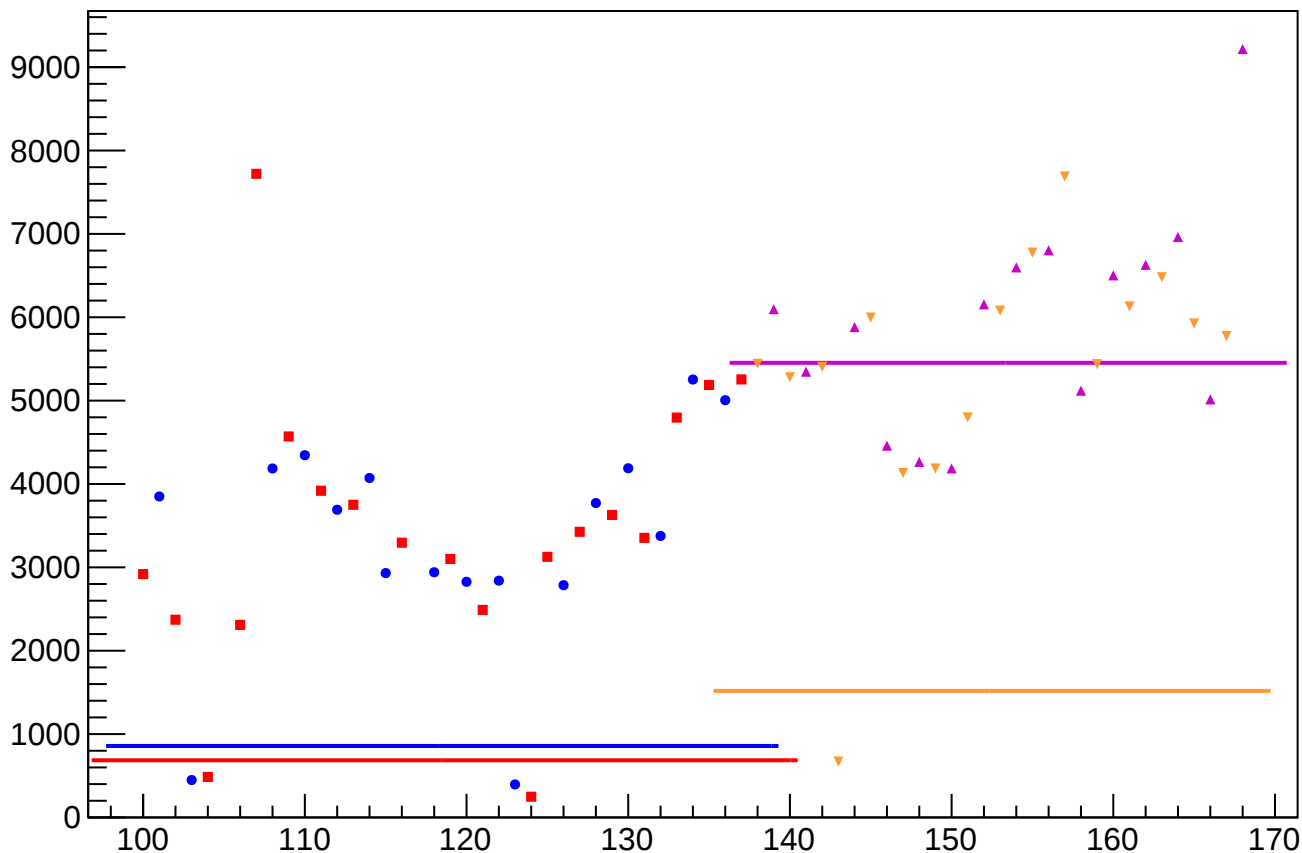
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 481.124+/-506.630 χ^2/NDF :27.6/31

Out: -236.133+/-375.575 χ^2/NDF :44.3/34

All: 18.245+/-301.712 χ^2/NDF : 73.2/66

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

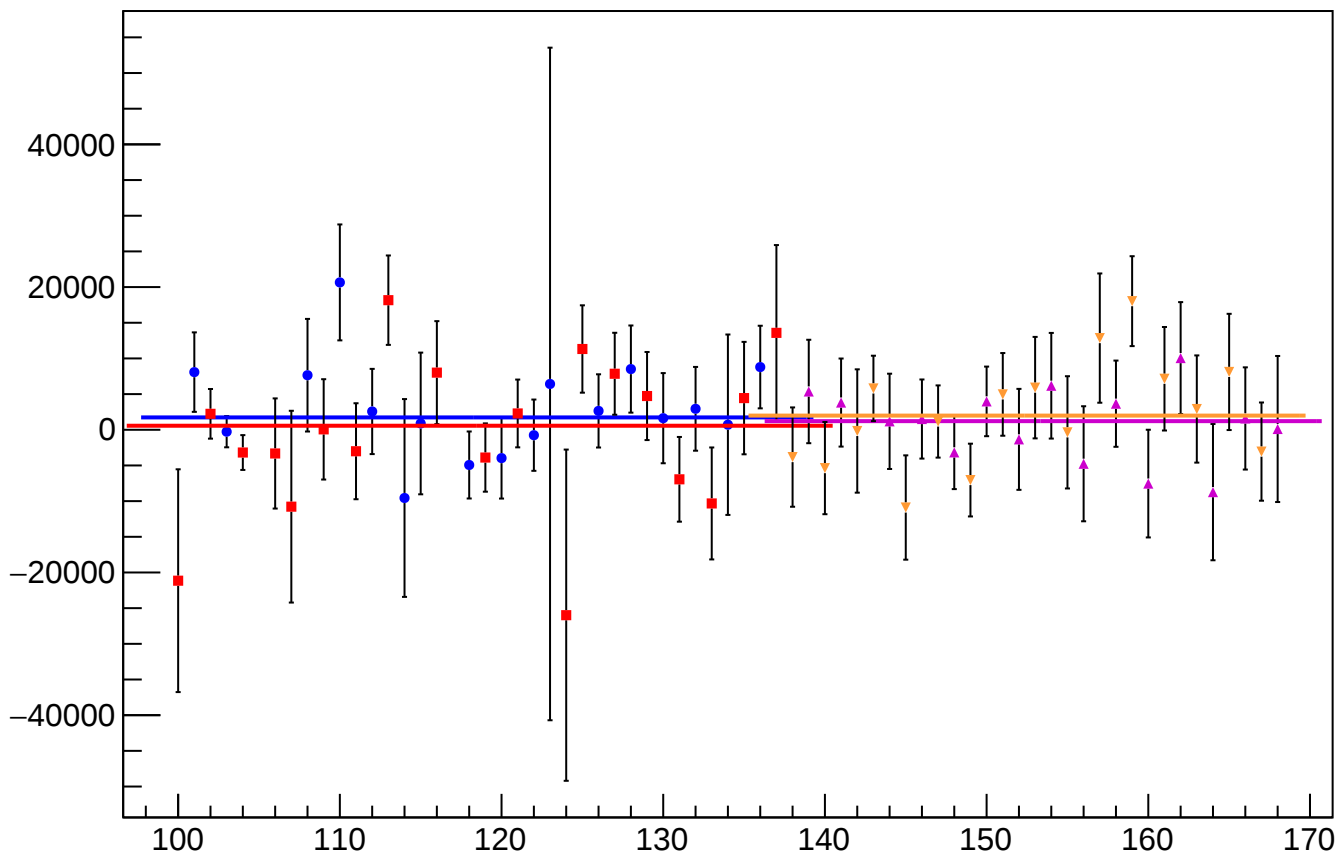
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

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

Out: 929.637 $\pm$ 0.266 χ^2 /NDF: 25757726.3/34

All: 1062.501 $\pm$ 0.213 χ^2 /NDF: 50045357.3/66

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

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

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

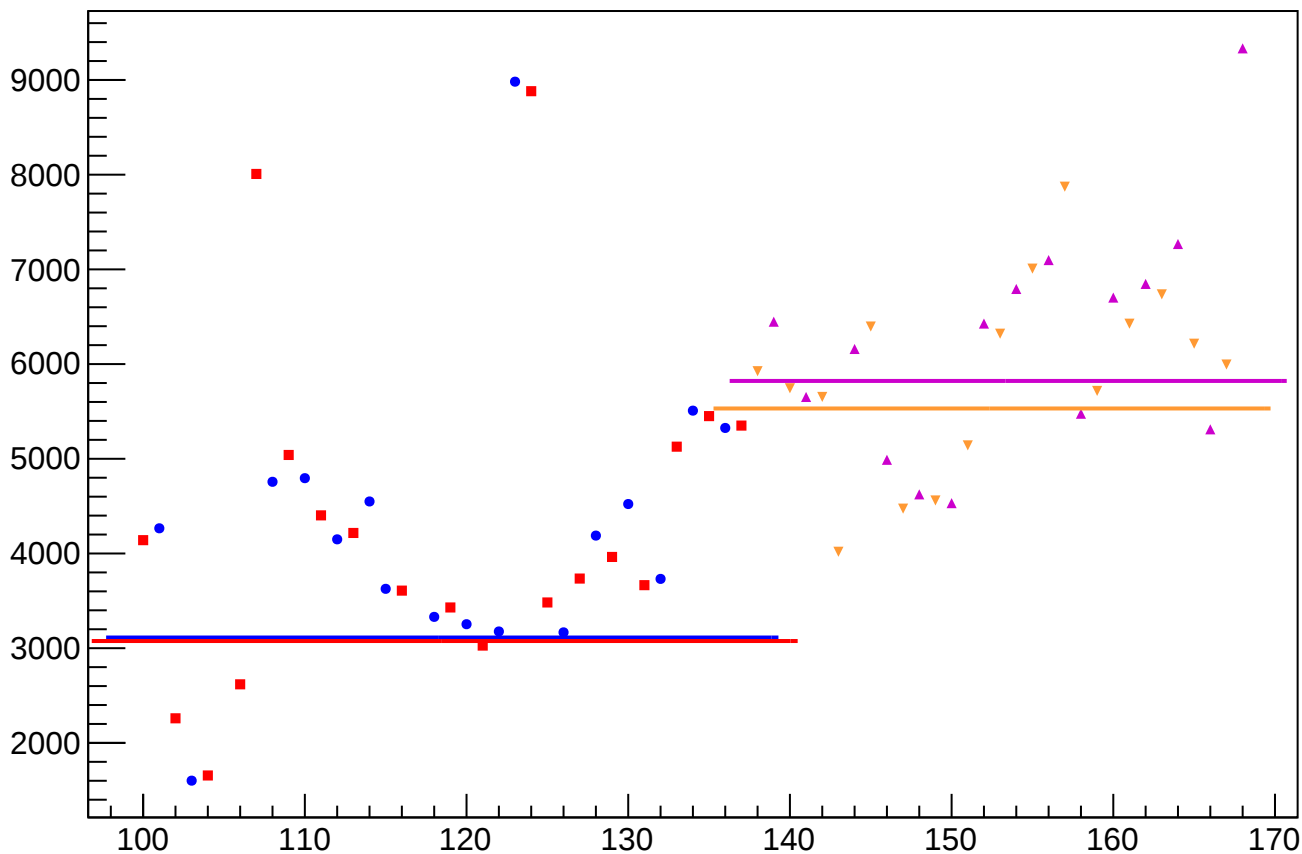
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 1113.438+/-1009.024 χ^2/NDF : 46.8/34

All: 1321.679+/-724.600 χ^2/NDF : 68.4/66

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

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

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

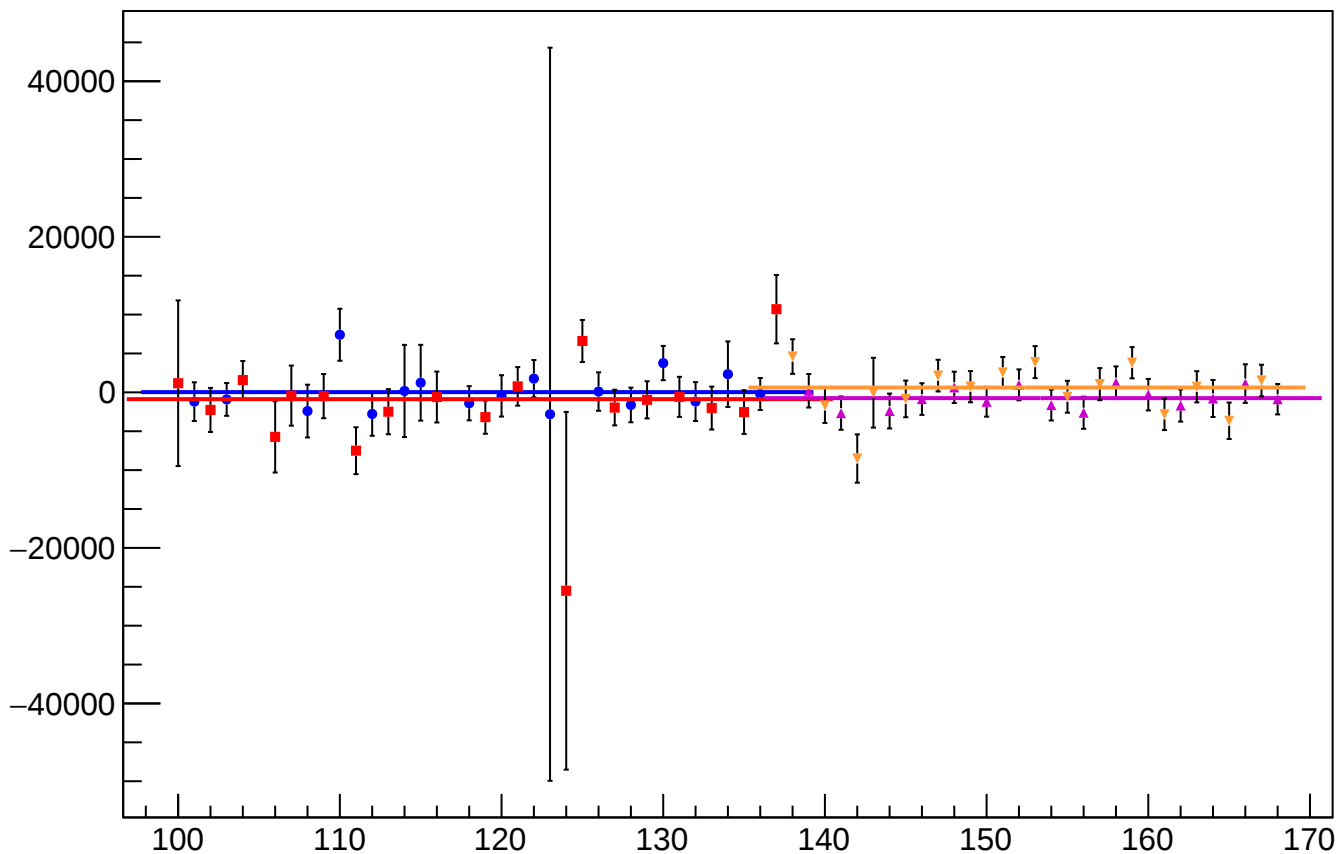
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

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

Out: 4003.338 $\pm$ 0.707 χ^2 /NDF: 5605283.0/34

All: 4047.912 $\pm$ 0.510 χ^2 /NDF: 11402989.8/66

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

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

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

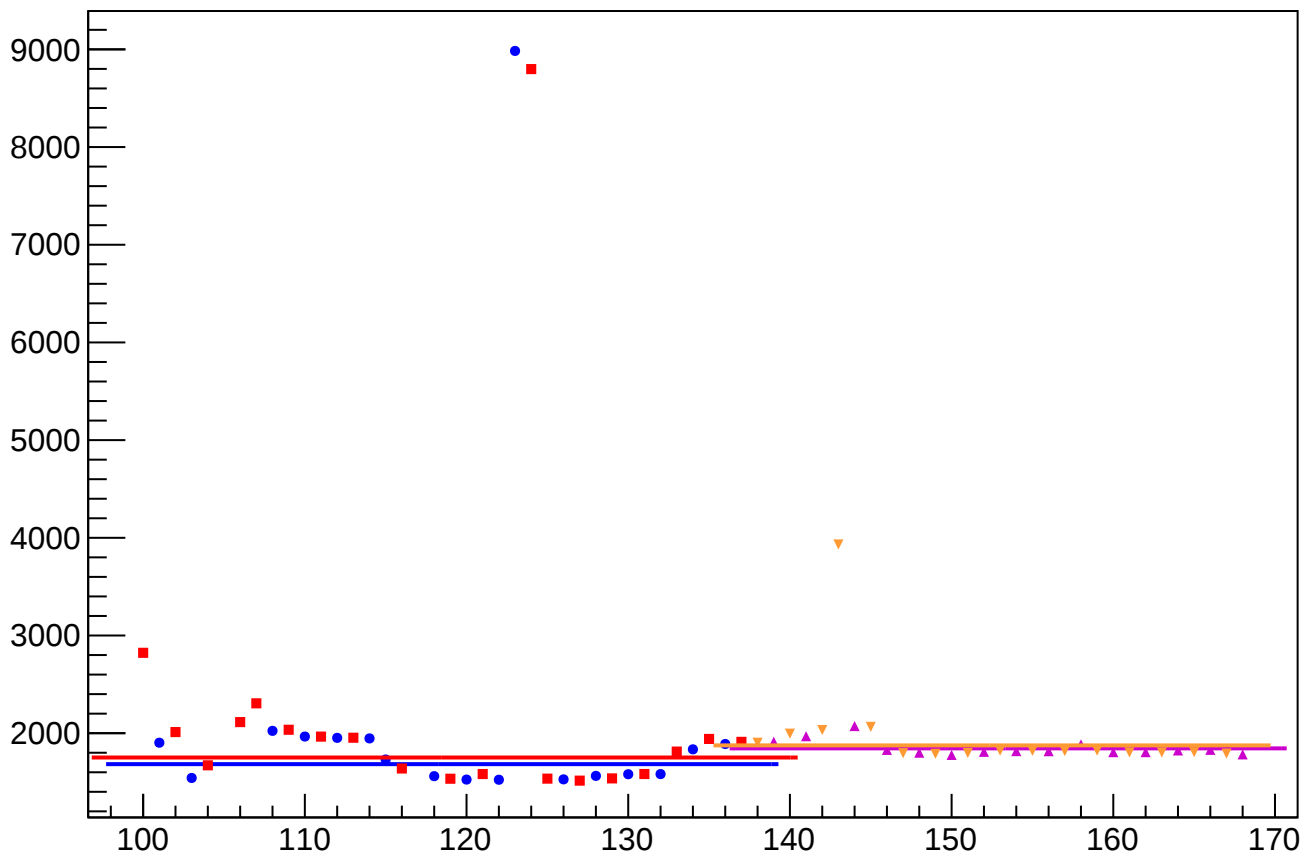
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

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

Out: 24.888 ± 424.378 χ^2/NDF : 55.2/34

All: -208.266 ± 297.465 χ^2/NDF : 74.1/66

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

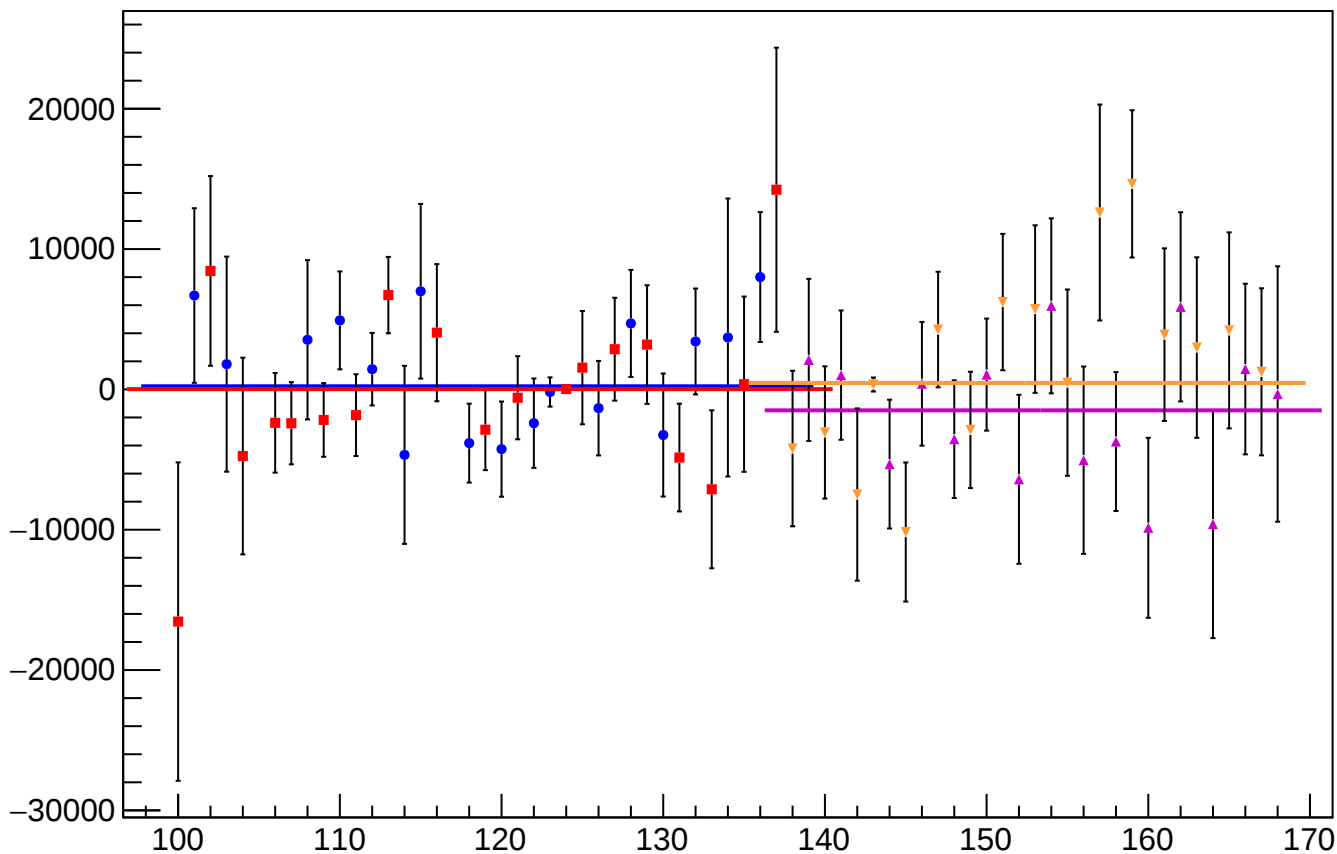
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1825.781+/-0.300 χ^2/NDF : 938359.8/34

All: 1802.417+/-0.210 χ^2/NDF : 1257069.7/66

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

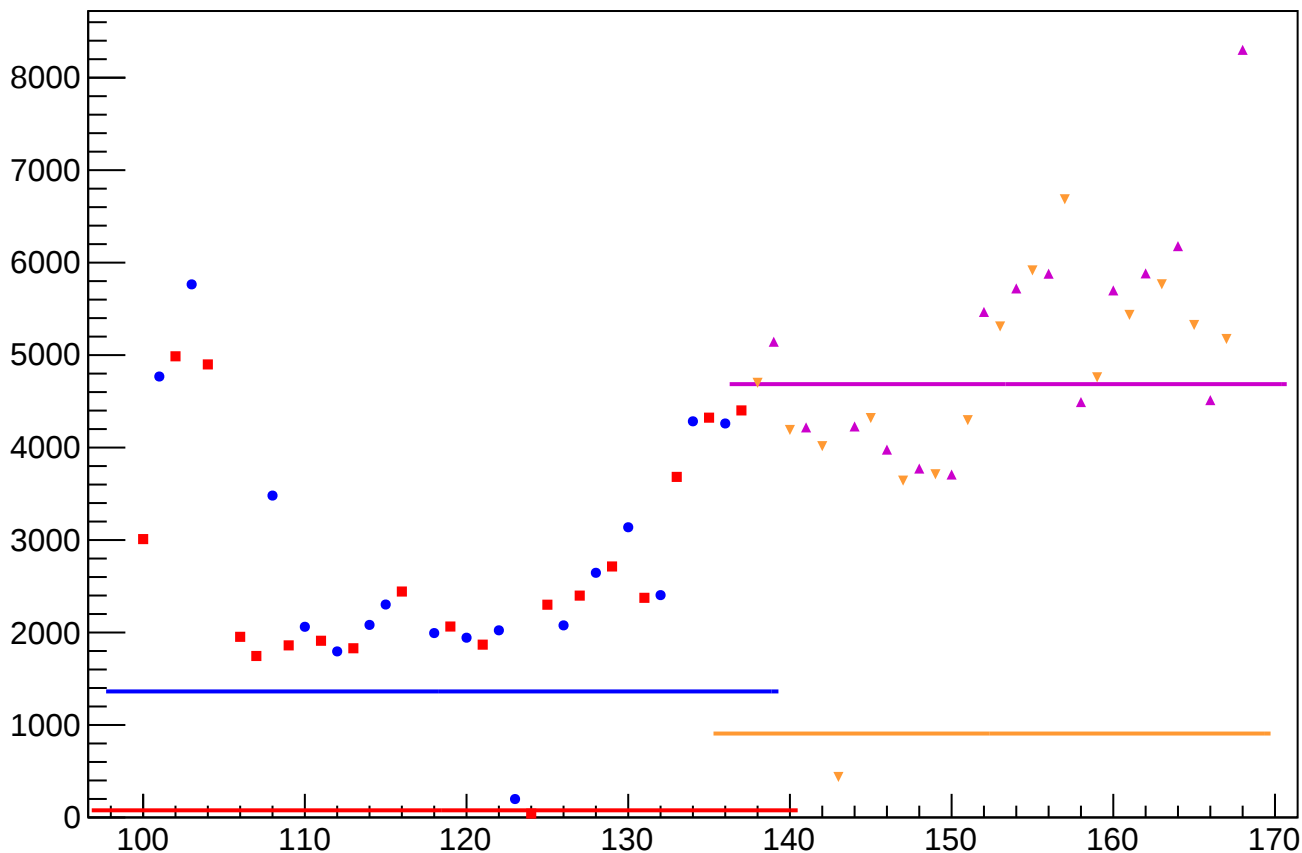
Right: 25.147 $\pm$ 112.726 χ^2/NDF : 36.6/35

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

Out: 44.570 $\pm$ 110.912 χ^2/NDF : 43.4/34

All: 39.184 $\pm$ 109.286 χ^2/NDF : 69.4/66

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 907.427 $\pm$ 0.333 χ^2 /NDF: 16390477.6/15

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

Left In: 4686.010 $\pm$ 0.987 χ^2 /NDF: 972860.1/14

Left: 1292.463 $\pm$ 0.315 χ^2 /NDF: 30512991.1/30

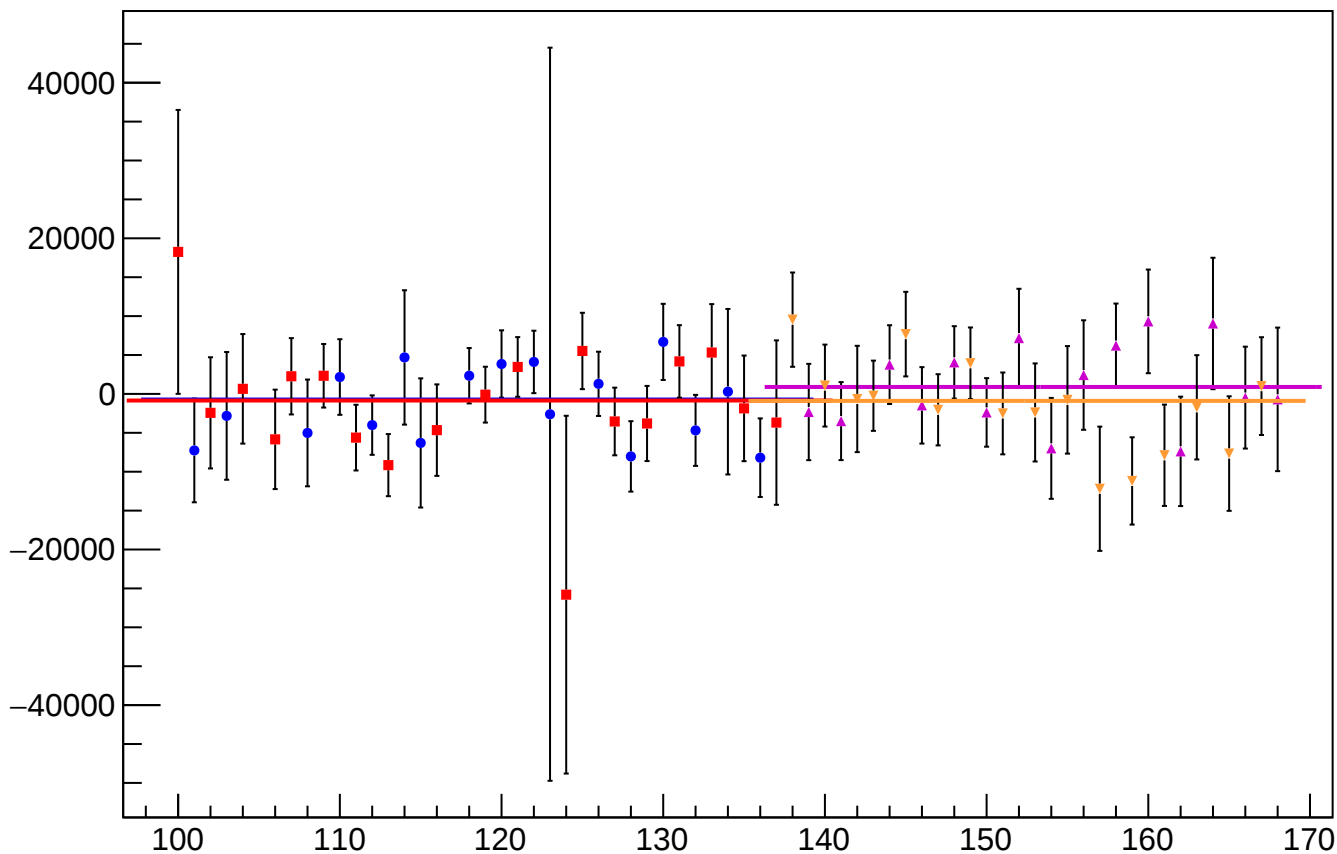
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

In: 2062.076 $\pm$ 0.453 χ^2 /NDF: 16150747.5/31

Out: 123.286 $\pm$ 0.078 χ^2 /NDF: 35523062.7/34

All: 179.714 $\pm$ 0.077 χ^2 /NDF: 69460493.1/60

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483 ± 1252.519 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -895.691 ± 1440.397 $\chi^2/\text{NDF}: 14.4/15$

Right Out: -849.844 ± 1191.907 $\chi^2/\text{NDF}: 16.0/18$

Left In: 894.298 ± 1509.341 $\chi^2/\text{NDF}: 10.1/14$

Left: -42.510 ± 1042.036 $\chi^2/\text{NDF}: 25.2/30$

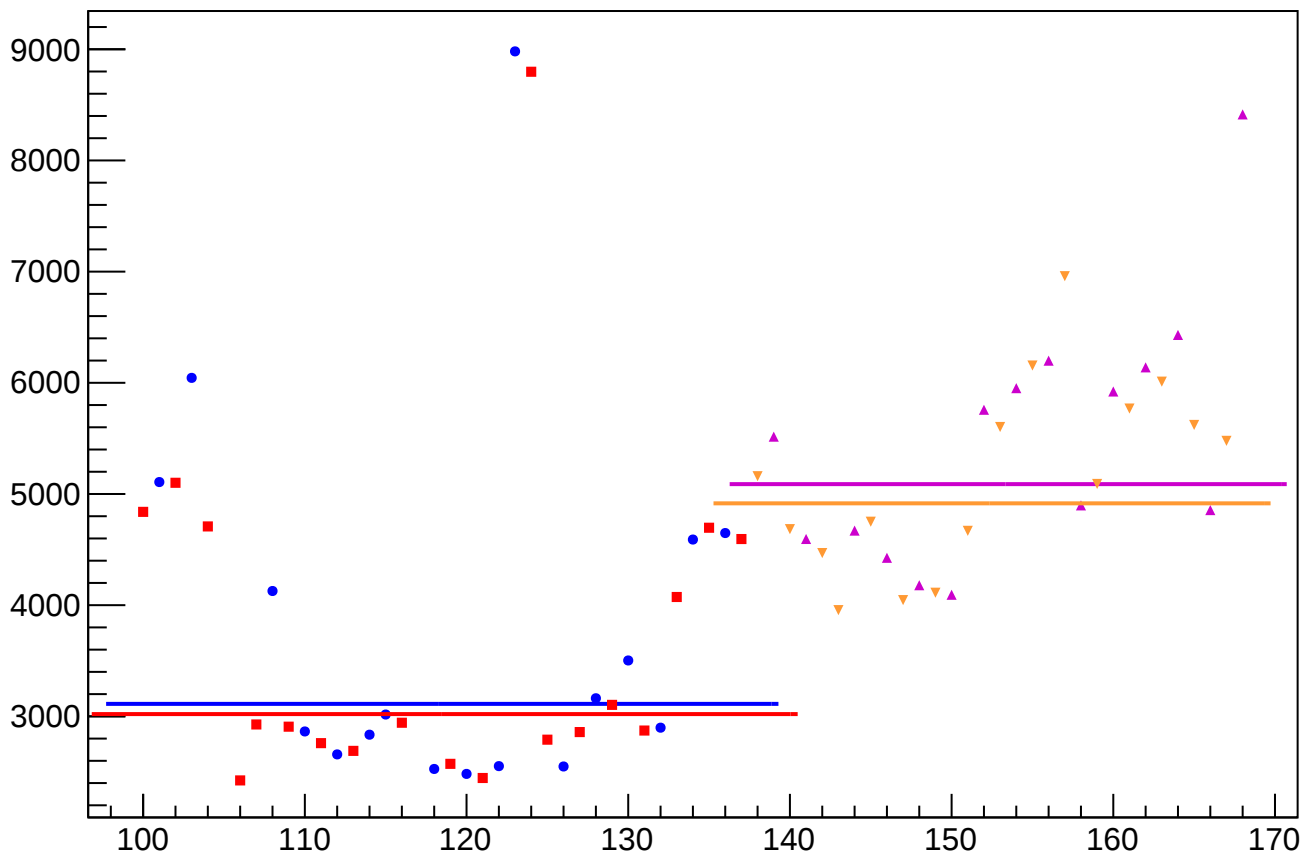
Right: -788.845 ± 863.438 $\chi^2/\text{NDF}: 30.8/35$

In: -62.554 ± 963.863 $\chi^2/\text{NDF}: 25.5/31$

Out: -868.478 ± 918.284 $\chi^2/\text{NDF}: 30.4/34$

All: -485.021 ± 664.854 $\chi^2/\text{NDF}: 56.3/66$

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

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

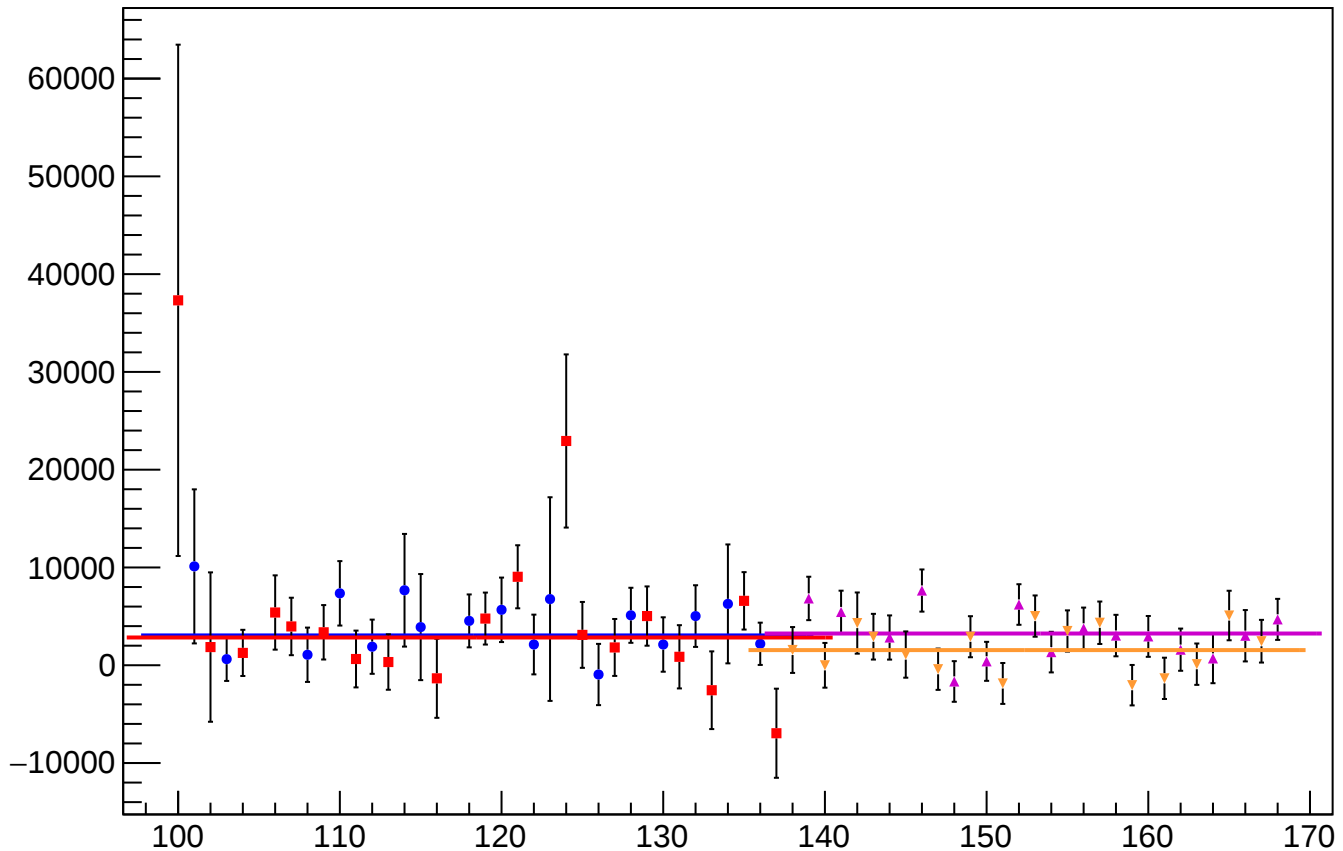
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

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

Out: 3779.311 $\pm$ 0.644 χ^2/NDF : 3459844.1/34

All: 3844.896 $\pm$ 0.468 χ^2/NDF : 7227327.4/66

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

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

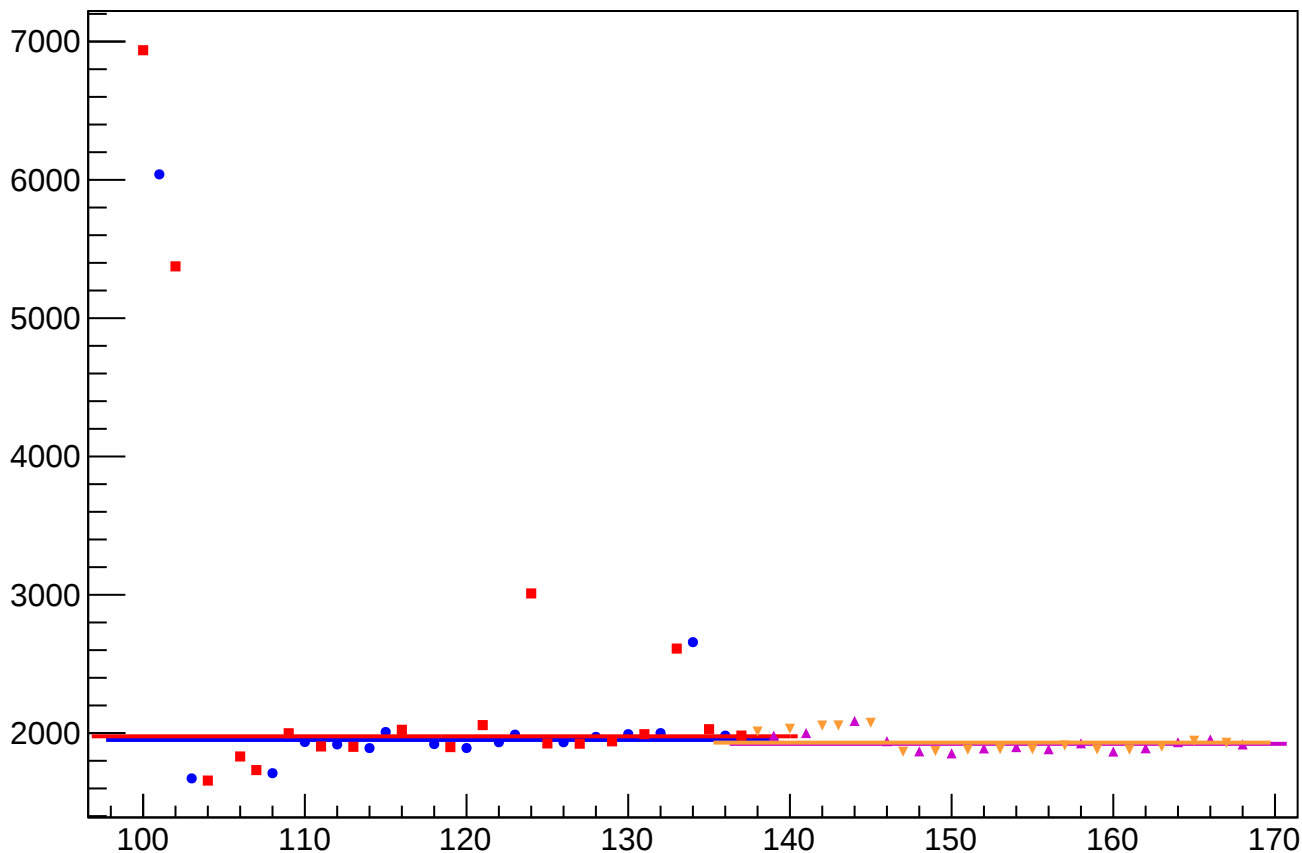
Right: 2943.024 $\pm$ 543.823 χ^2/NDF : 33.1/35

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

Out: 1994.771 $\pm$ 450.370 χ^2/NDF : 43.9/34

All: 2581.967 $\pm$ 319.545 χ^2/NDF : 77.1/66

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1931.395+/-0.394 χ^2/NDF : 32089.7/15

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

Left In: 1922.609+/-0.396 χ^2/NDF : 22294.0/14

Left: 1927.028+/-0.279 χ^2/NDF : 54631.2/30

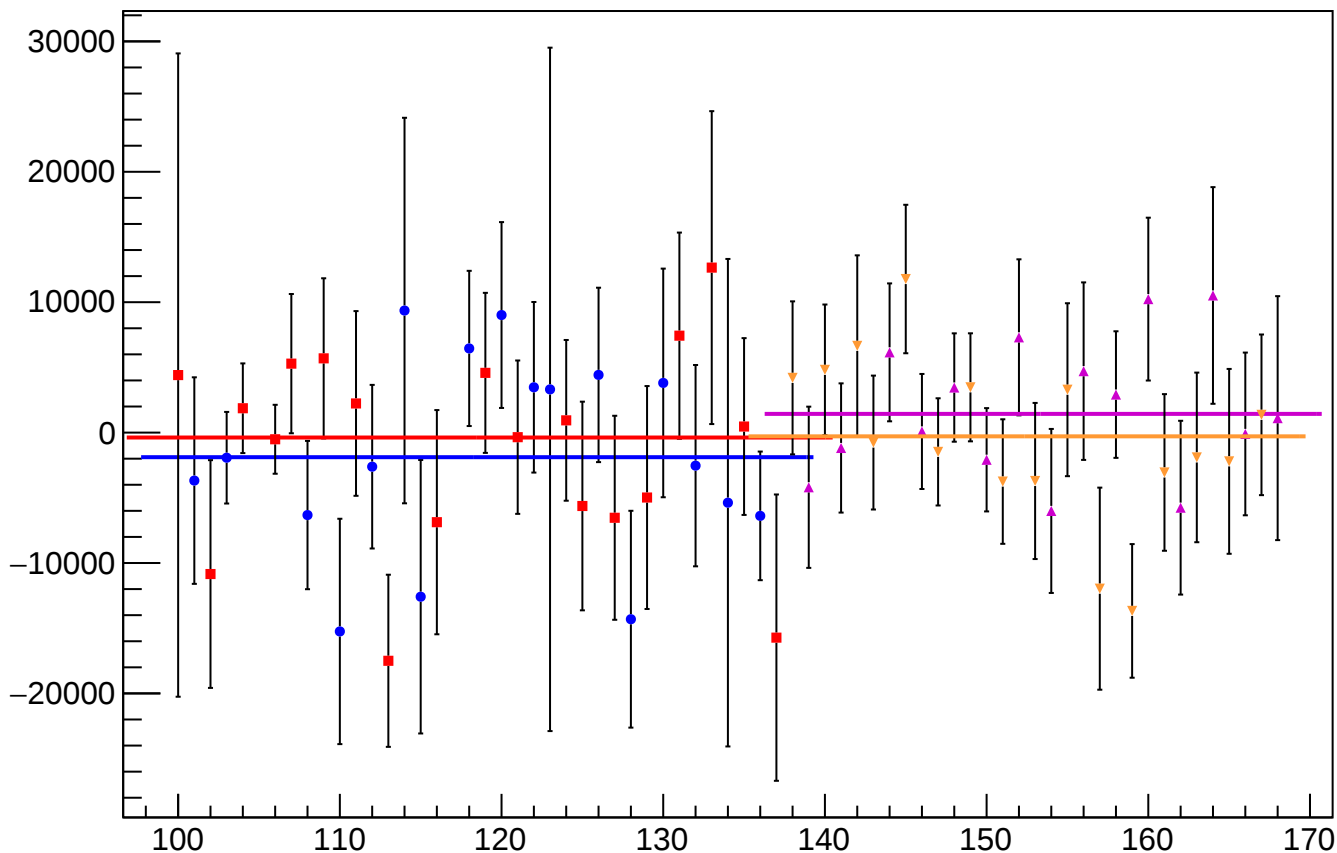
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1932.290+/-0.321 χ^2/NDF : 639192.1/31

Out: 1947.170+/-0.318 χ^2/NDF : 644435.0/34

All: 1939.782+/-0.226 χ^2/NDF : 1284711.5/66

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

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

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

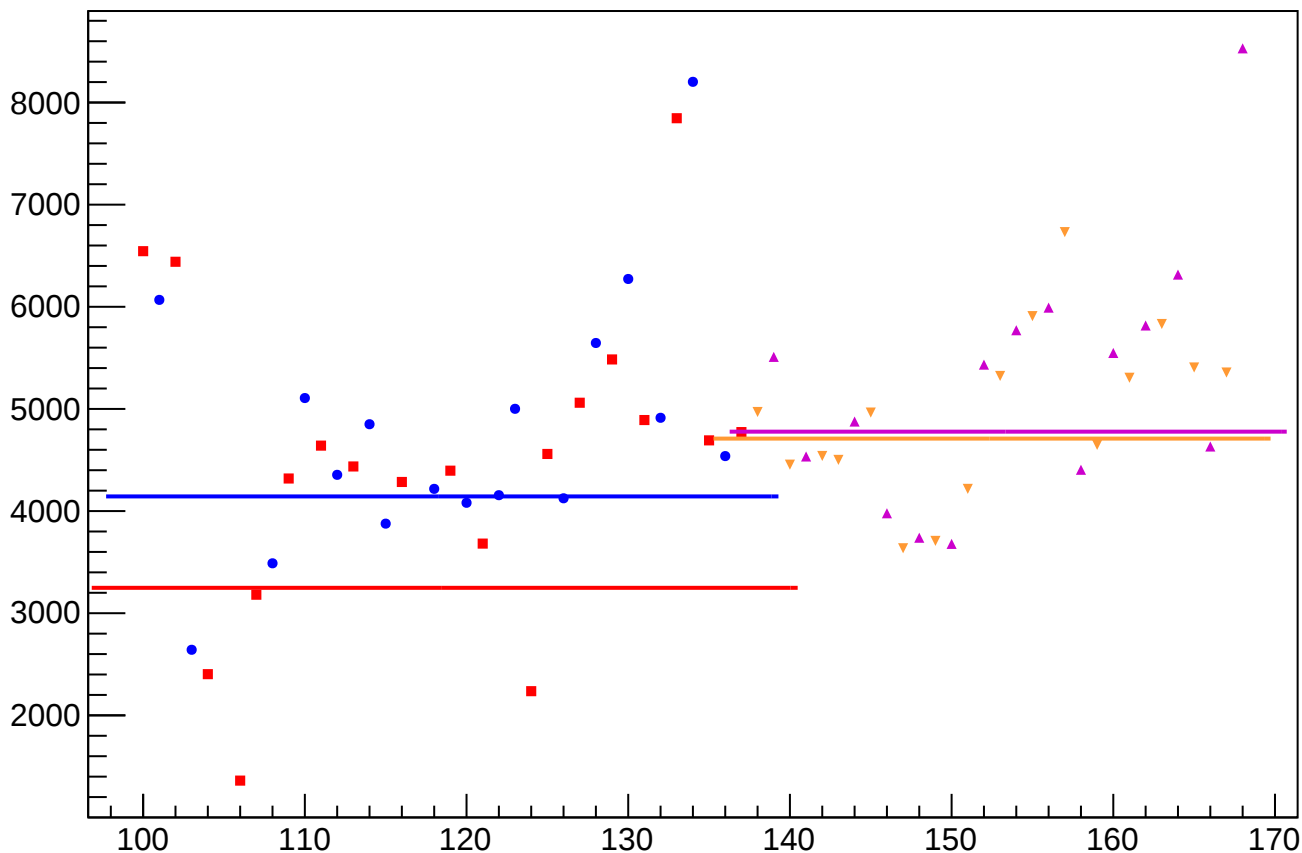
Right: -983.372 $\pm$ 1051.324 χ^2/NDF : 32.2/35

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

Out: -332.844 $\pm$ 969.565 χ^2/NDF : 36.3/34

All: -173.276 $\pm$ 721.627 χ^2/NDF : 62.9/66

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

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

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

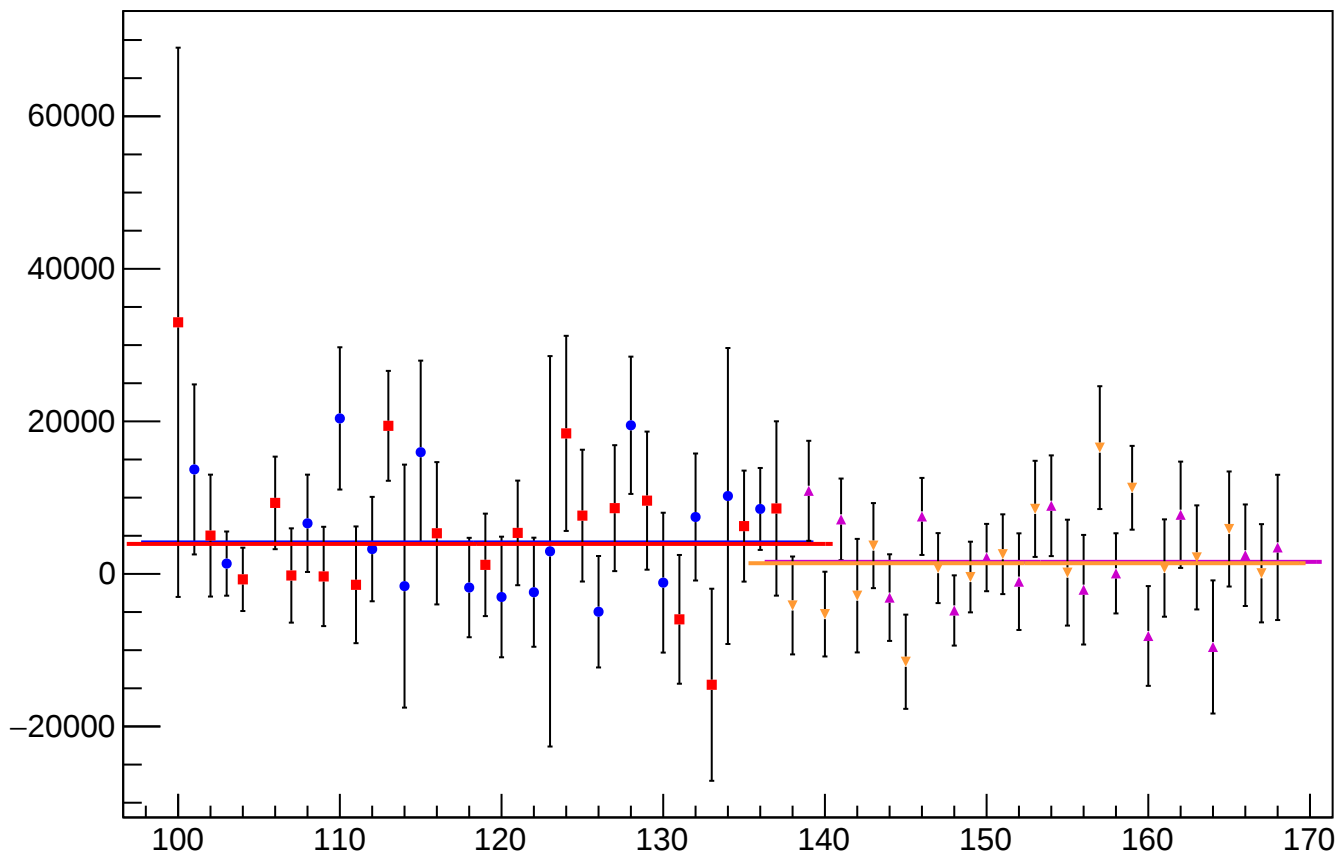
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 3966.632+/-0.686 χ^2/NDF : 4388296.3/34

All: 4208.221+/-0.510 χ^2/NDF : 6688966.9/66

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

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

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

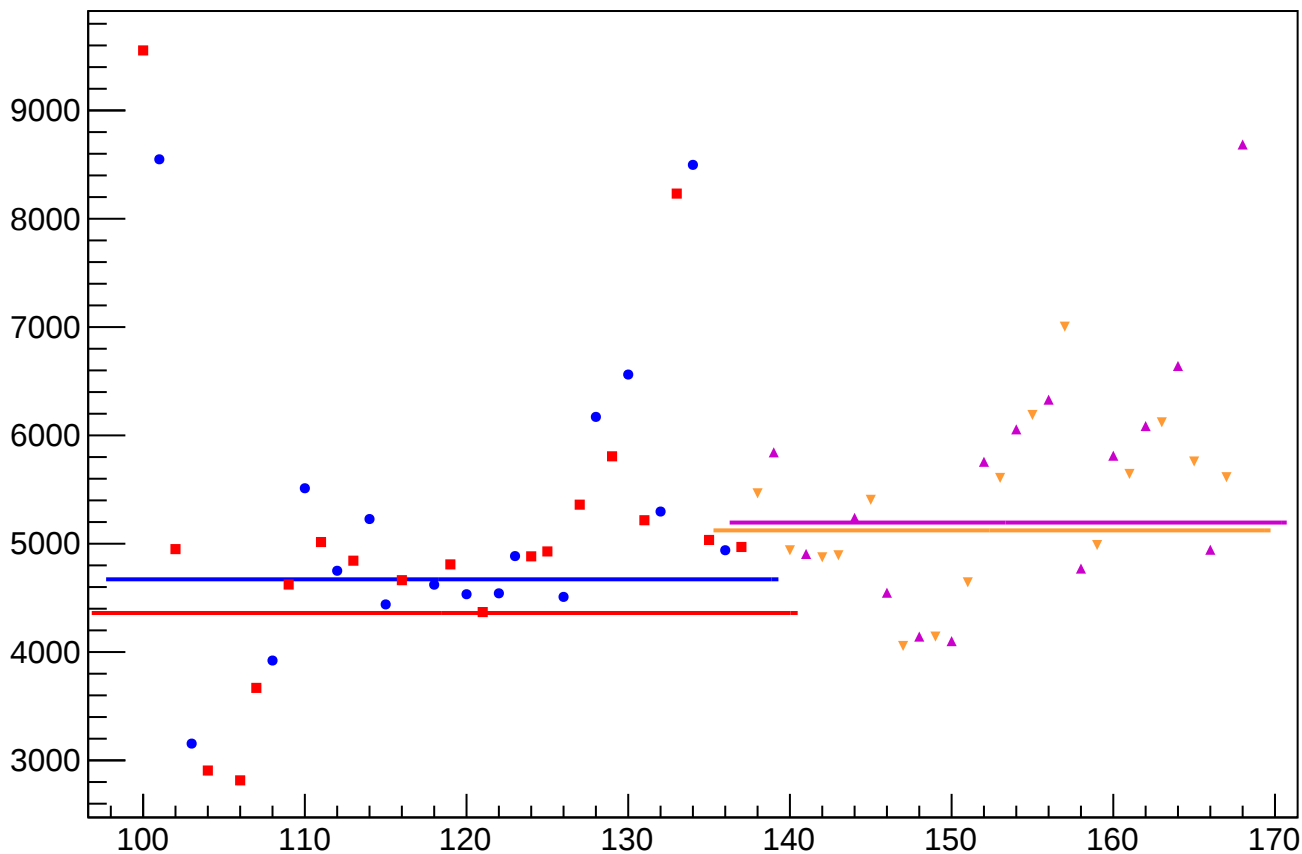
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

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

Out: 2489.186 $\pm$ 1130.989 χ^2 /NDF: 31.9/34

All: 2549.258 $\pm$ 819.001 χ^2 /NDF: 60.3/66

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

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

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

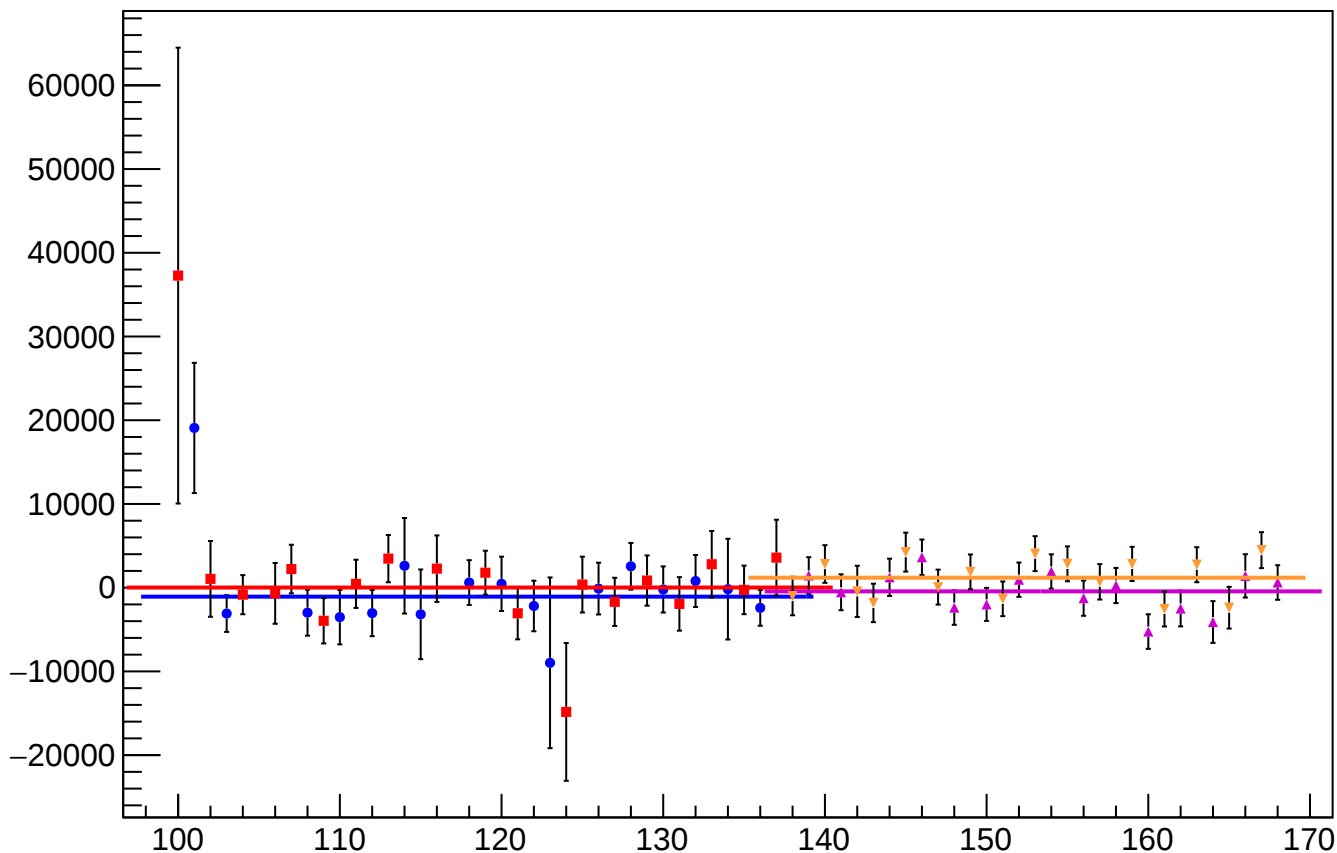
Right: 4503.135 $\pm$ 0.892 χ^2/NDF : 1650353.3/35

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

Out: 4793.338 $\pm$ 0.798 χ^2/NDF : 1541684.2/34

All: 4883.041 $\pm$ 0.578 χ^2/NDF : 3223772.9/60

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1191.838+/-548.851 χ^2/NDF : 18.5/15

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

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

Left: 380.564+/-389.435 χ^2/NDF : 40.7/30

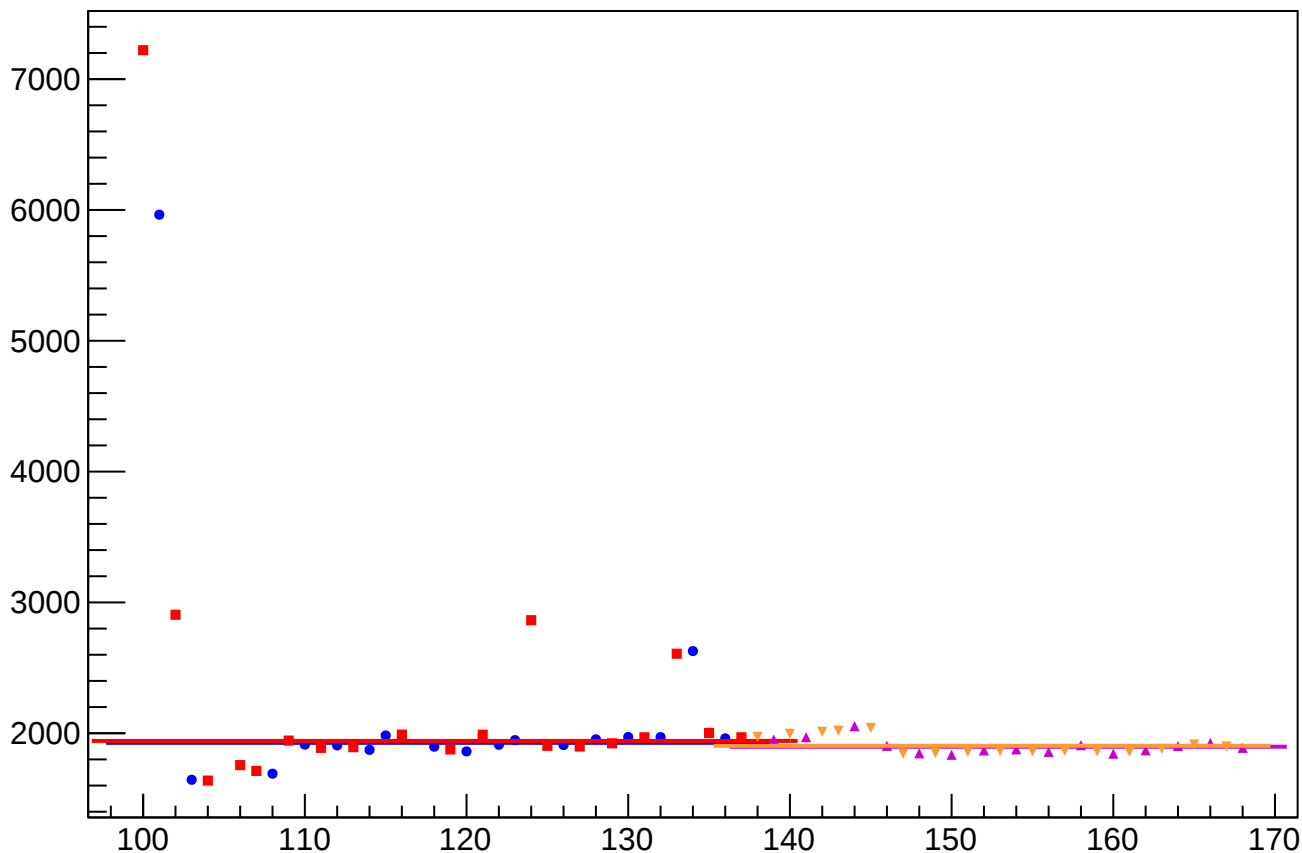
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

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

Out: 781.317+/-442.467 χ^2/NDF : 33.3/34

All: 69.650+/-314.662 χ^2/NDF : 70.6/66

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

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

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

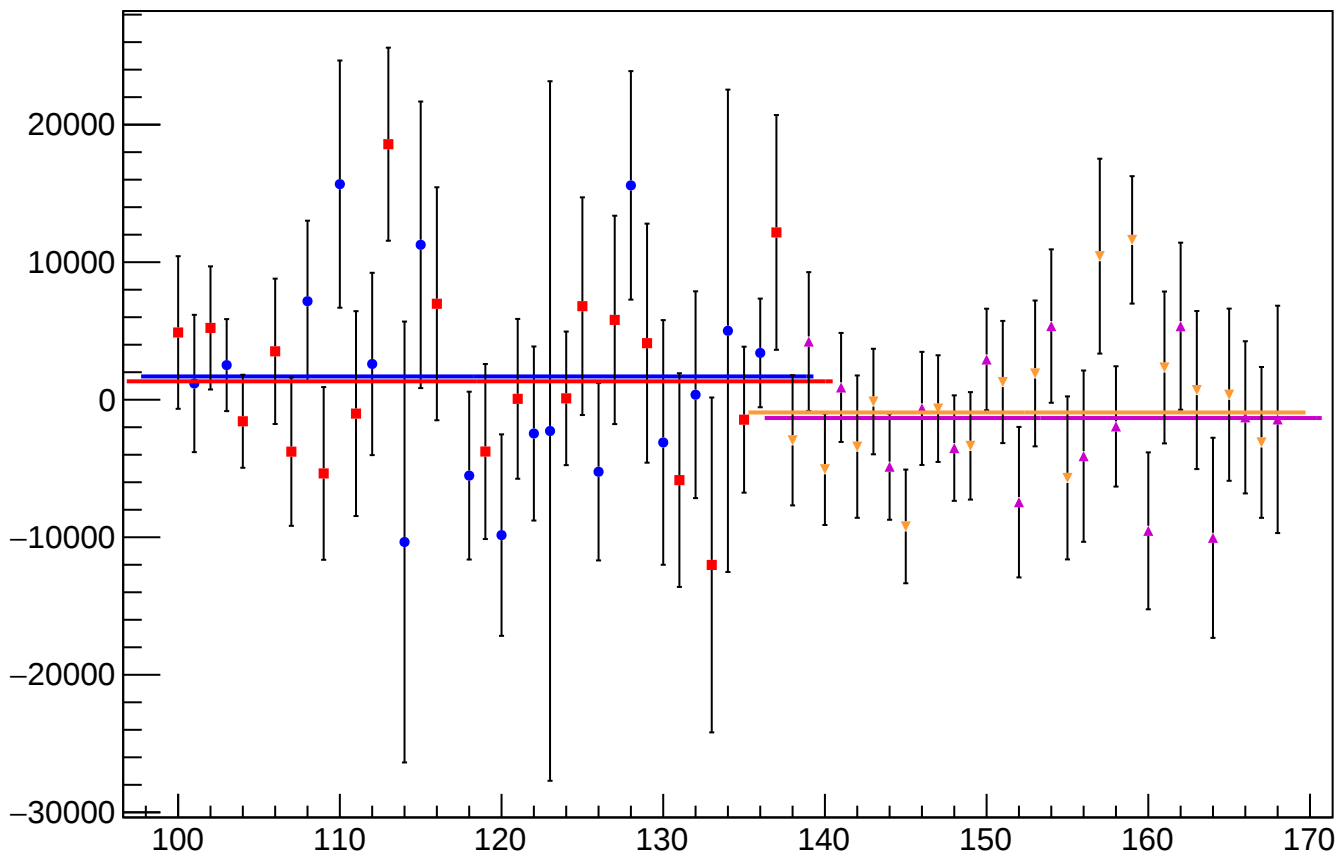
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

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

Out: 1917.066+/-0.313 χ^2/NDF : 335373.7/34

All: 1912.223+/-0.222 χ^2/NDF : 975076.7/66

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -926.321+/-1191.431 χ^2/NDF : 17.6/15

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

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

Left: -1118.921+/-863.013 χ^2/NDF : 29.3/30

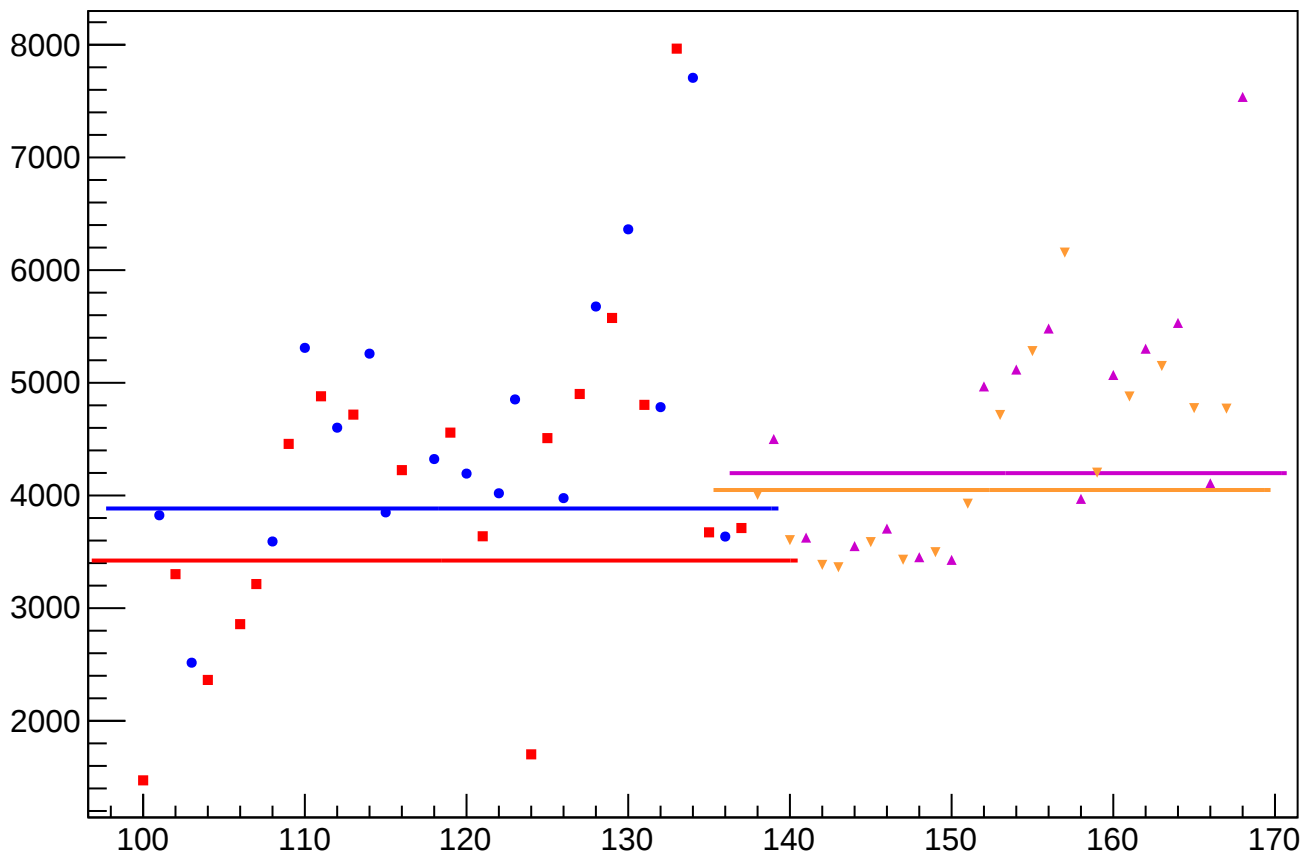
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

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

Out: 49.627+/-898.738 χ^2/NDF : 35.5/34

All: -37.095+/-660.614 χ^2/NDF : 63.1/66

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4048.662 $\pm$ 0.842 χ^2/NDF : 715861.8/15

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

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

Left: 4119.772 $\pm$ 0.610 χ^2/NDF : 1718357.1/30

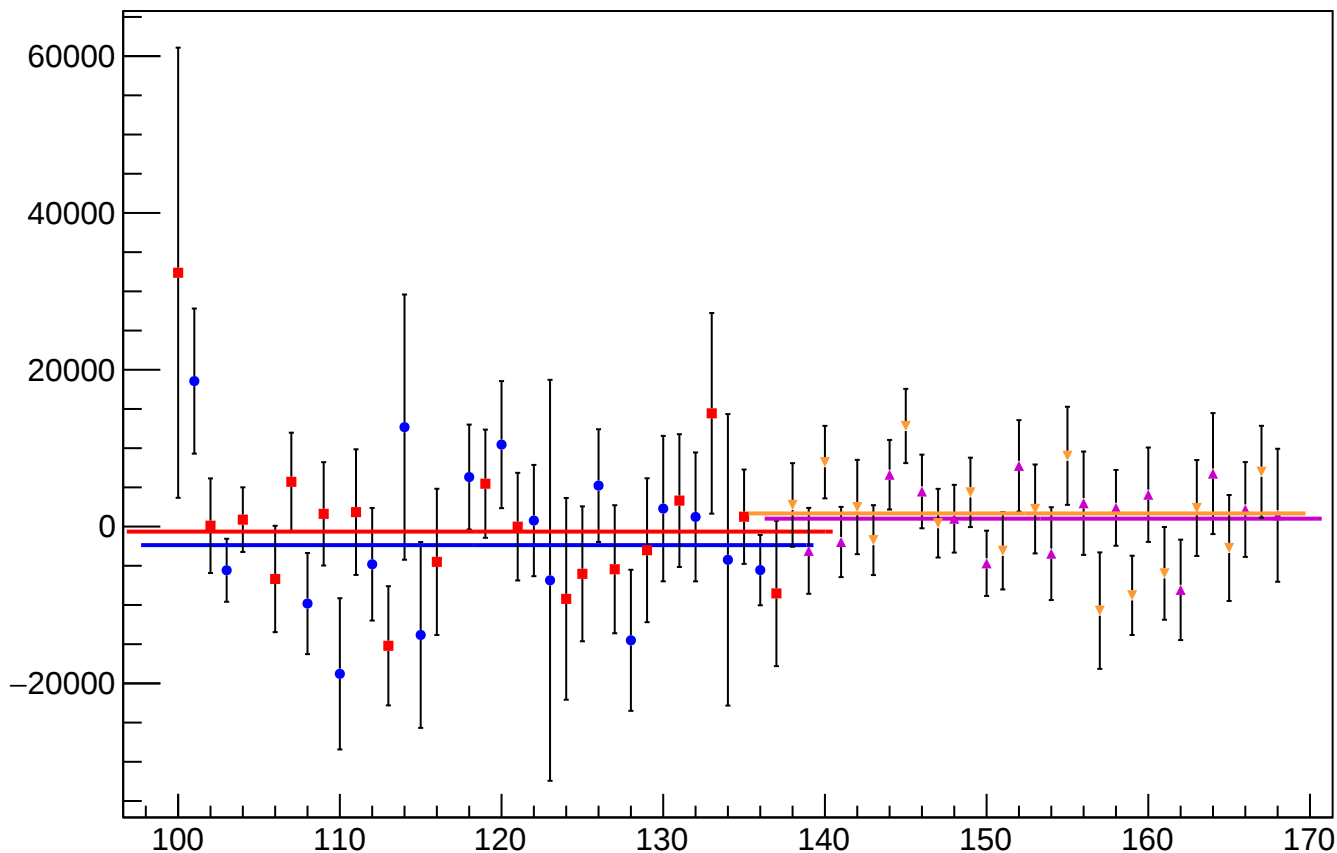
Right: 3624.795 $\pm$ 0.726 χ^2/NDF : 2516526.6/35

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

Out: 3778.855 $\pm$ 0.636 χ^2/NDF : 2544140.3/34

All: 3914.827 $\pm$ 0.467 χ^2/NDF : 4507289.9/60

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1673.483+/-1325.335 χ^2/NDF : 21.0/15

Right Out: -640.916+/-1690.165 χ^2/NDF : 11.8/18

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

Left: 1354.430+/-956.190 χ^2/NDF : 31.0/30

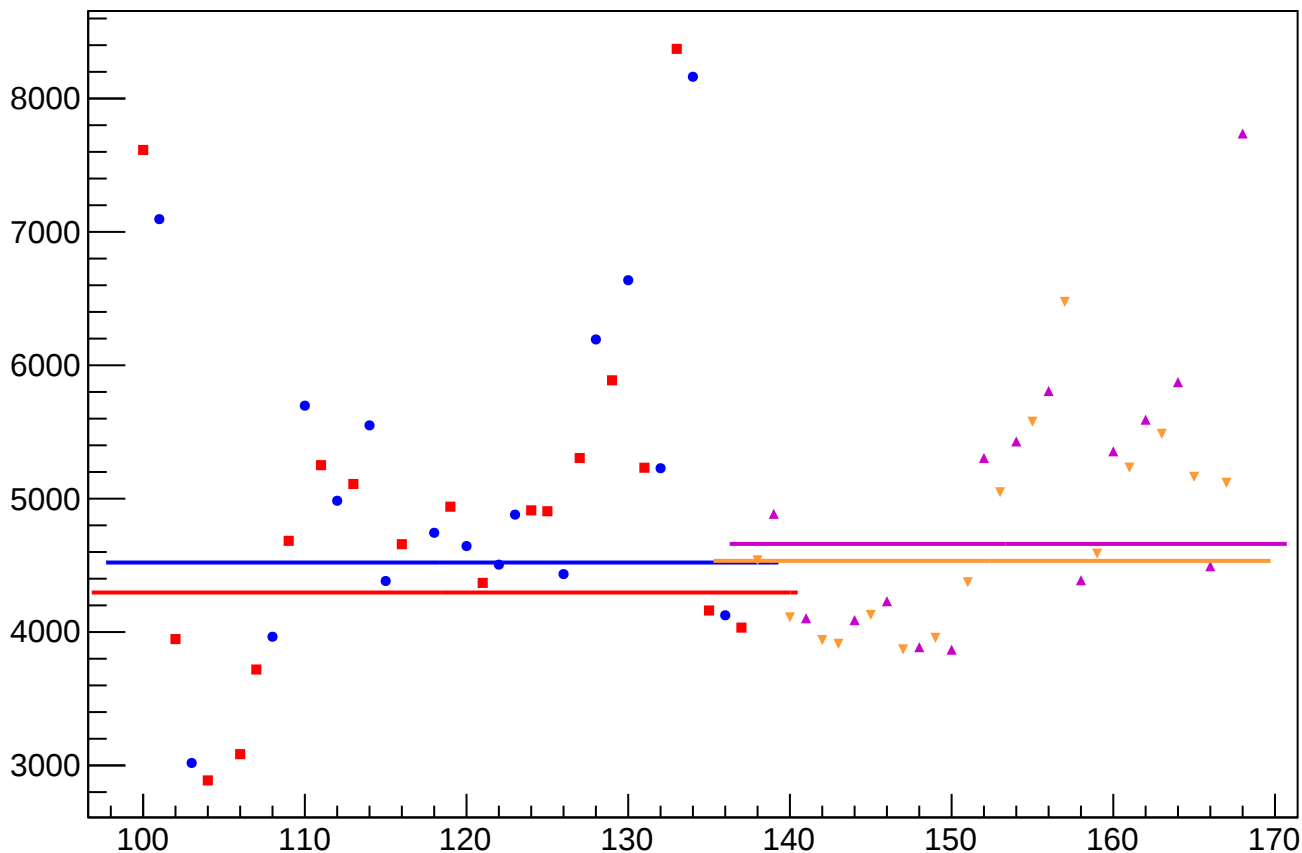
Right: -1449.011+/-1232.750 χ^2/NDF : 32.4/35

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

Out: 792.252+/-1042.930 χ^2/NDF : 33.9/34

All: 301.344+/-755.547 χ^2/NDF : 66.7/66

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

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

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

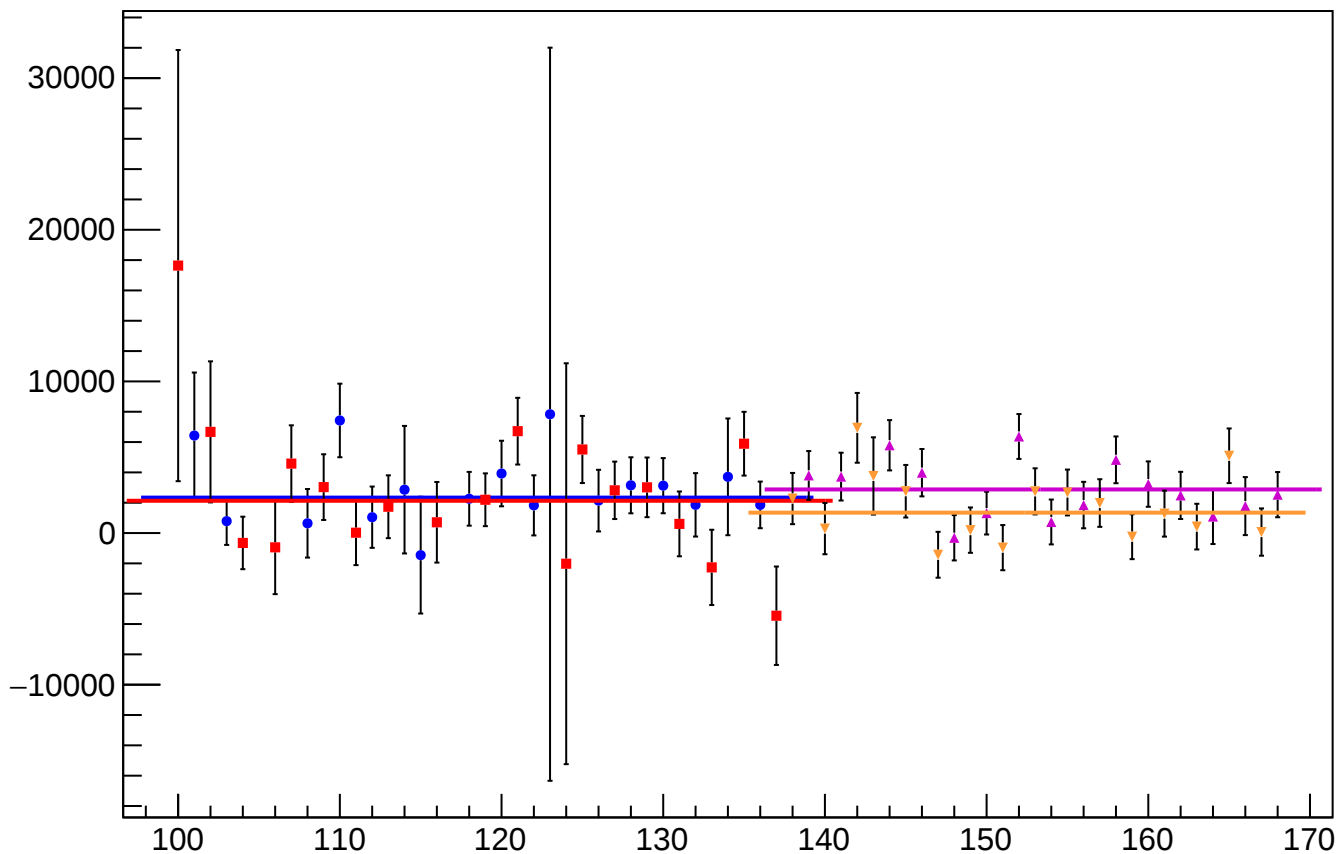
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

Out: 4442.776+/-0.736 χ^2/NDF : 1292503.9/34

All: 4521.666+/-0.534 χ^2/NDF : 2831953.0/66

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

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

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

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

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

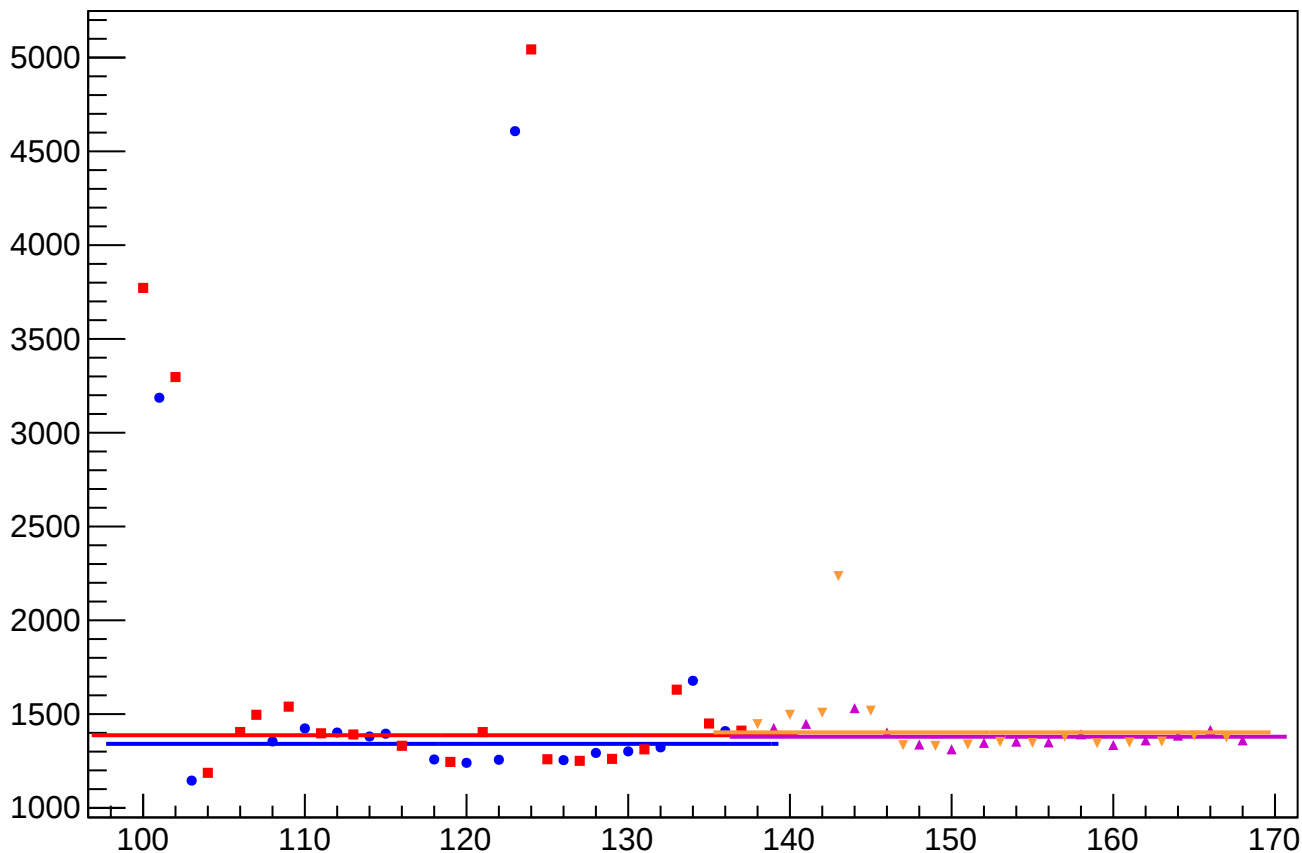
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 1630.000 $\pm$ 324.854 χ^2 /NDF:51.7/34

All: 2160.799 $\pm$ 228.317 χ^2 /NDF: 88.5/66

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

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

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

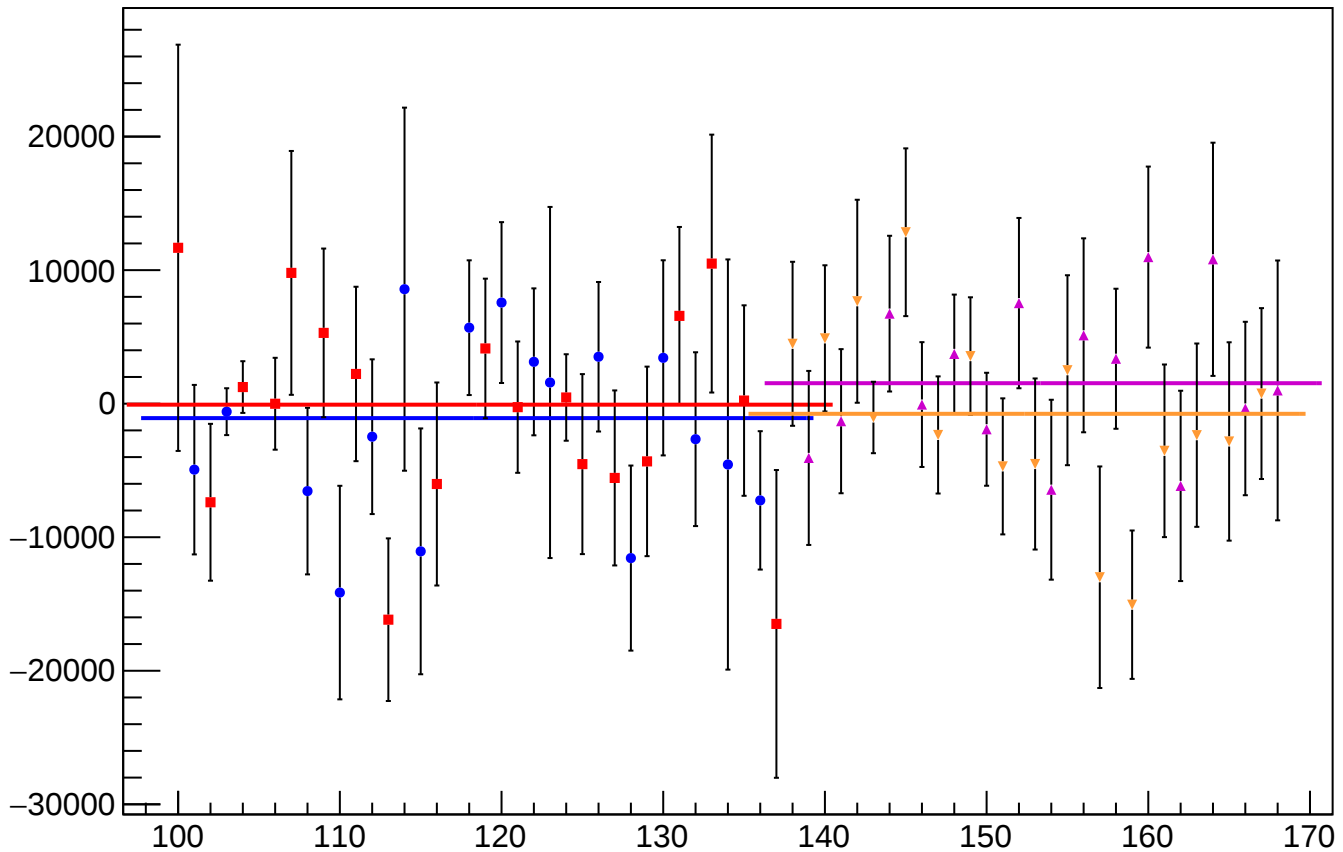
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

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

Out: 1397.045+/-0.230 χ^2/NDF : 911721.8/34

All: 1381.075+/-0.161 χ^2/NDF : 1466603.1/66

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -758.636 ± 1332.454 $\chi^2/\text{NDF}: 19.1/15$

Right Out: -74.089 ± 1126.219 $\chi^2/\text{NDF}: 18.6/18$

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

Left: 234.580 ± 1003.154 $\chi^2/\text{NDF}: 30.2/30$

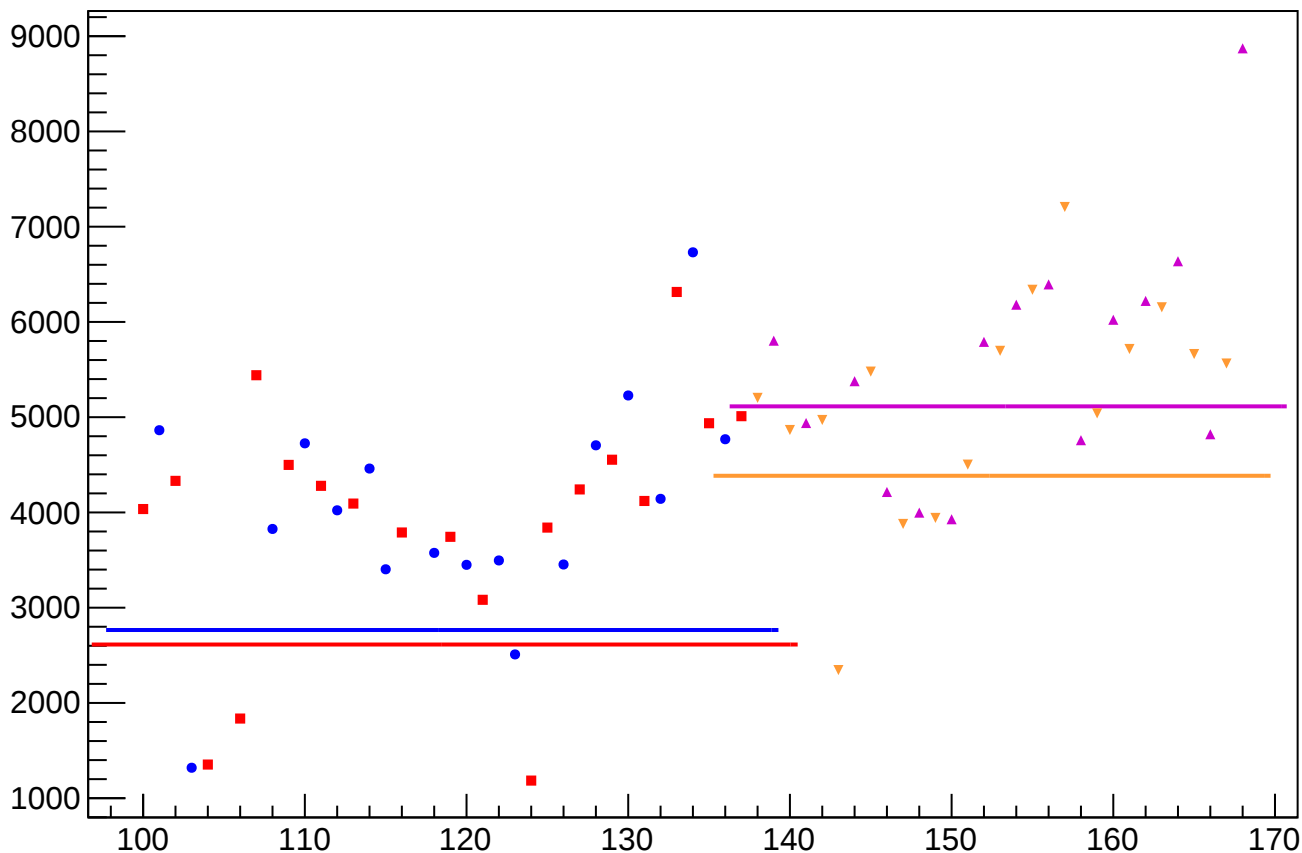
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

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

Out: -359.343 ± 860.135 $\chi^2/\text{NDF}: 37.9/34$

All: -227.727 ± 637.257 $\chi^2/\text{NDF}: 64.6/66$

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

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

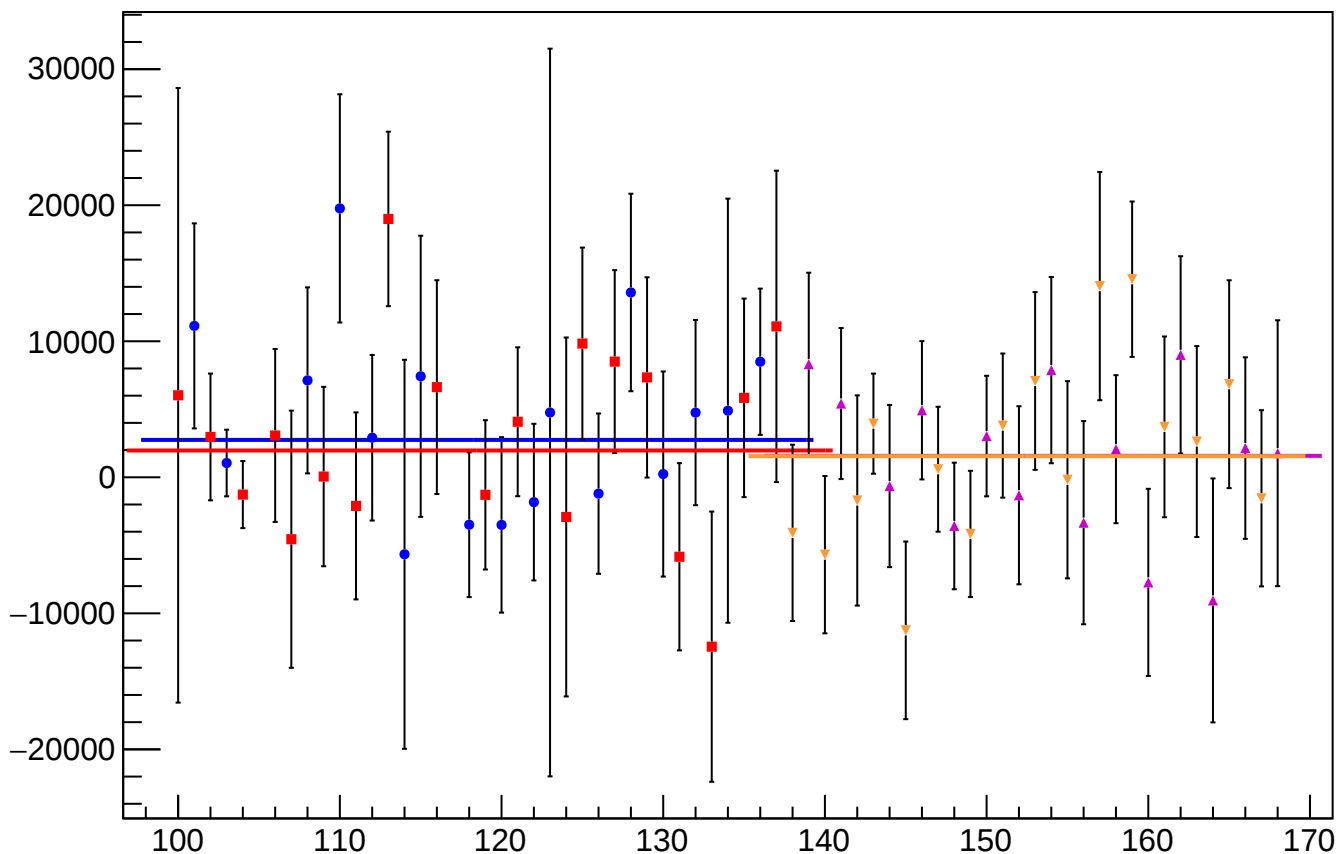
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

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

Out: 3351.588 $\pm$ 0.608 χ^2 /NDF: 7575256.1/34

All: 3497.772 $\pm$ 0.451 χ^2 /NDF: 14526938.6/66

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

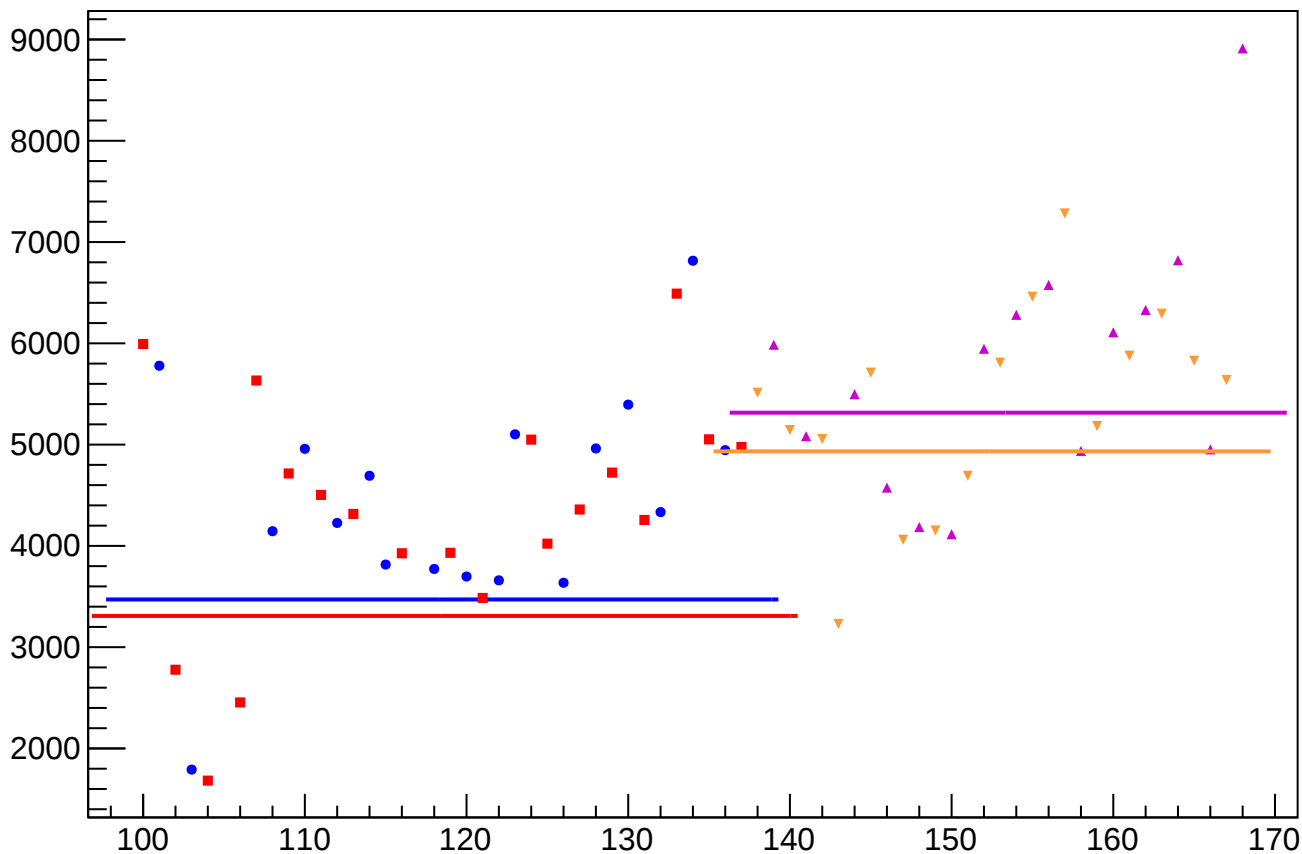
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1773.626+/-1003.822 χ^2/NDF : 35.4/34

All: 1980.283+/-731.135 χ^2/NDF : 58.7/66

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

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

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

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

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

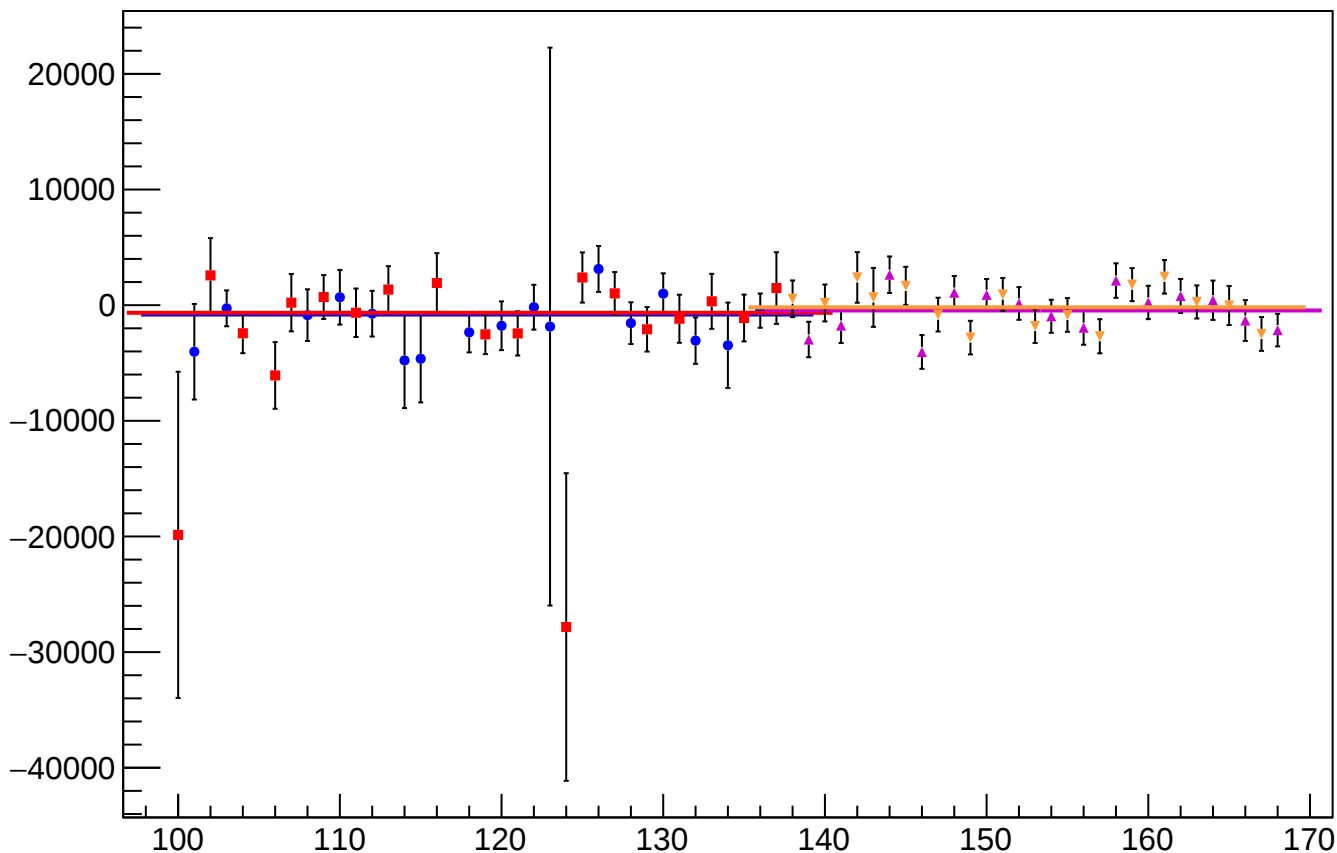
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 4068.306+/-0.706 χ^2/NDF : 4292611.6/34

All: 4182.128+/-0.516 χ^2/NDF : 8454321.4/66

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -182.532+/-388.555 χ^2/NDF :19.2/15

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

Left In: -457.280+/-384.487 χ^2/NDF :22.7/14

Left: -321.352+/-273.300 χ^2/NDF : 42.1/30

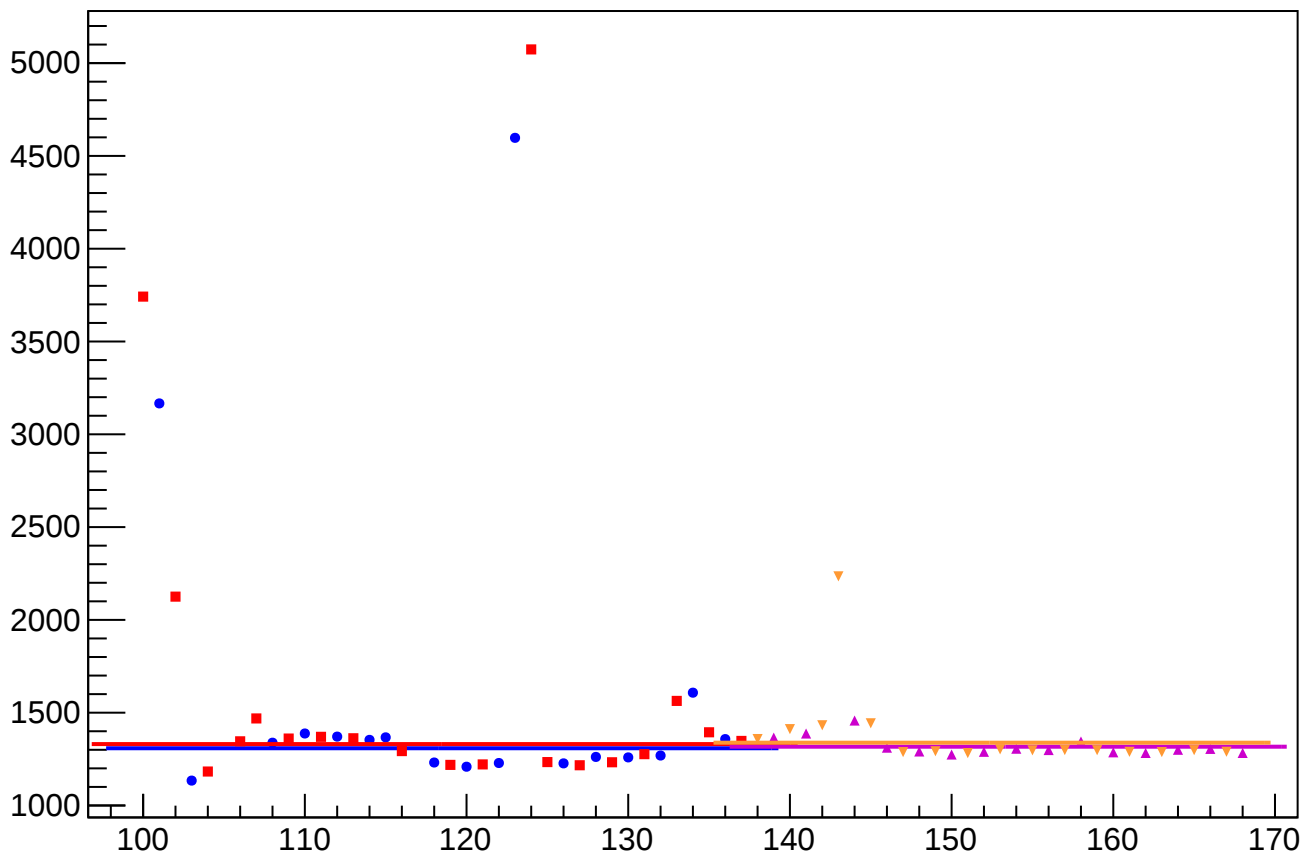
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -582.168+/-308.774 χ^2/NDF :34.2/31

Out: -354.546+/-310.087 χ^2/NDF :40.2/34

All: -468.840+/-218.799 χ^2/NDF : 74.6/66

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

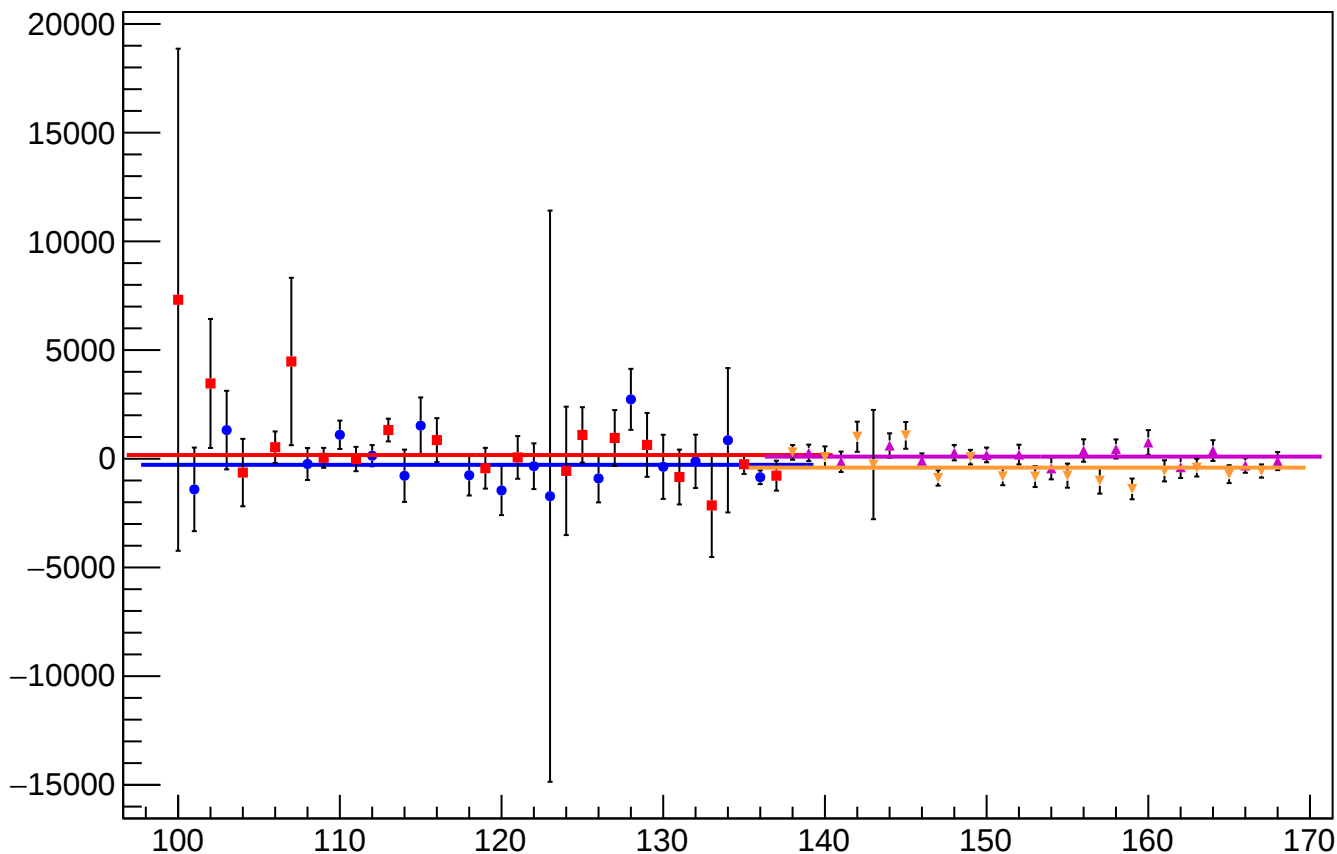
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

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

Out: 1335.643+/-0.219 χ^2/NDF : 701452.5/34

All: 1324.660+/-0.155 χ^2/NDF : 1243523.0/66

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -407.066 $\pm$ 110.193 χ^2 /NDF:27.4/15

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

Left In: 97.980 $\pm$ 109.286 χ^2 /NDF:8.3/14

Left: -152.456 $\pm$ 77.596 χ^2 /NDF: 46.3/30

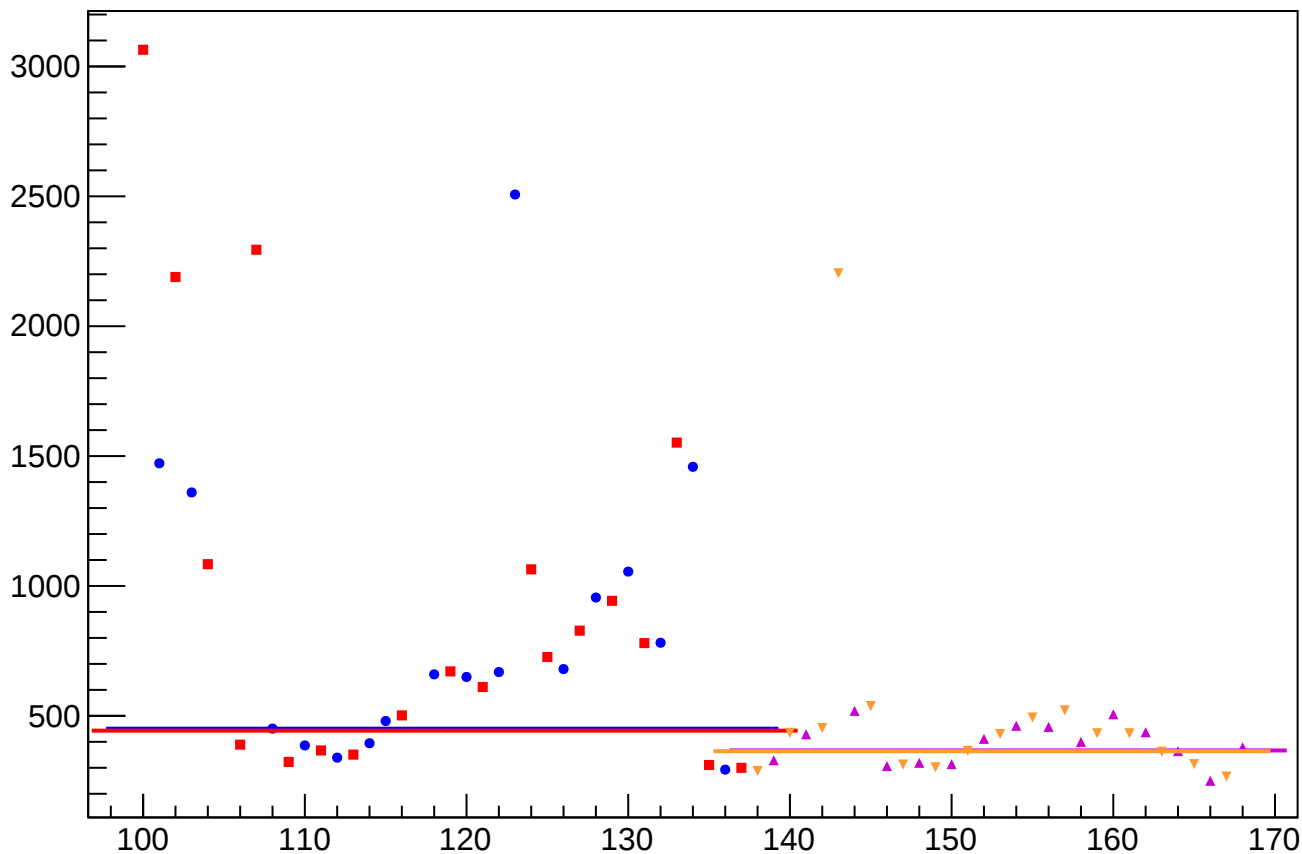
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 10.103 $\pm$ 95.693 χ^2 /NDF:29.1/31

Out: -264.207 $\pm$ 95.628 χ^2 /NDF:49.0/34

All: -127.145 $\pm$ 67.642 χ^2 /NDF: 82.2/66

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

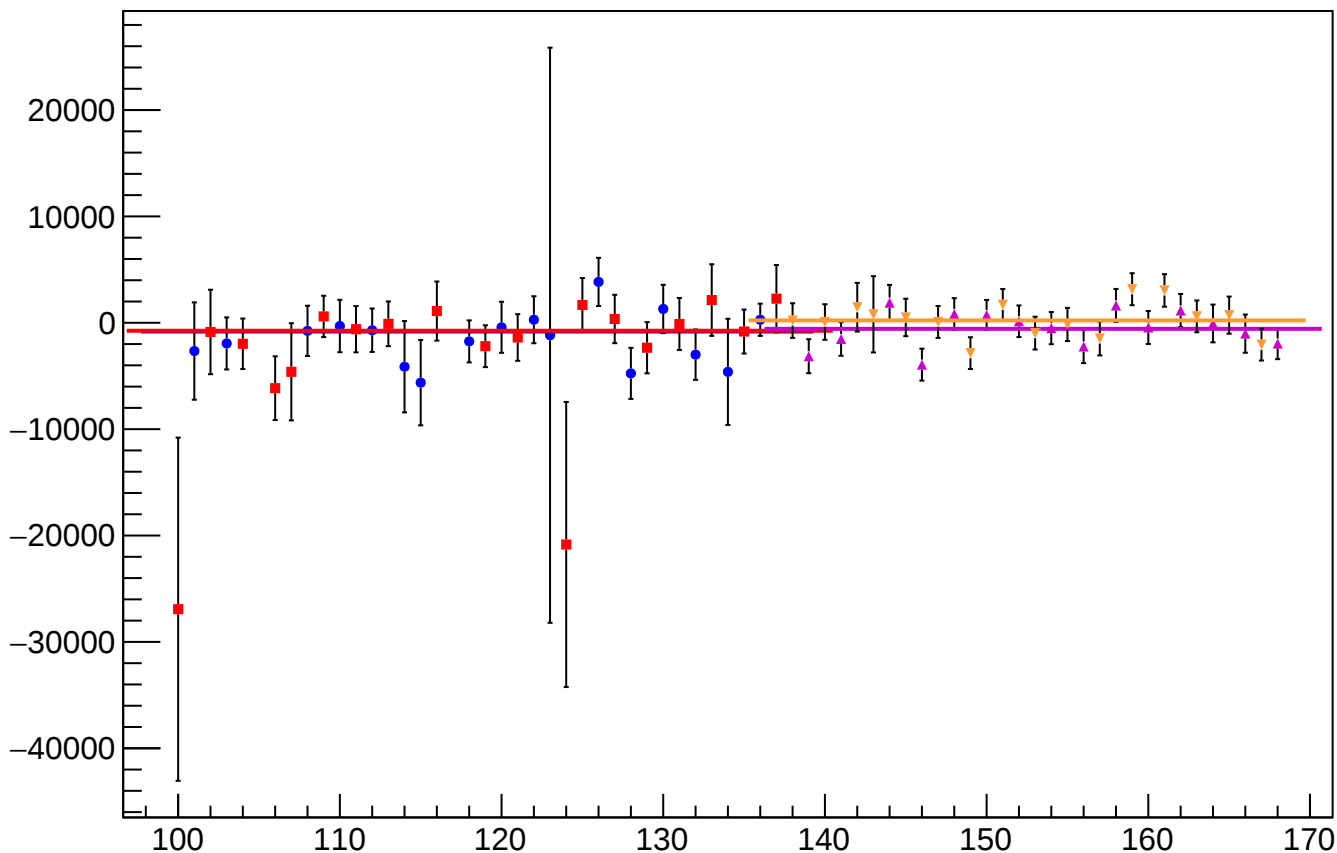
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

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

Out: 383.513 $\pm$ 0.068 χ^2 /NDF: 5844462.0/34

All: 384.933 $\pm$ 0.048 χ^2 /NDF: 10029100.0/60

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 227.334 ± 408.576 χ^2/NDF : 17.0/15

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

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

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

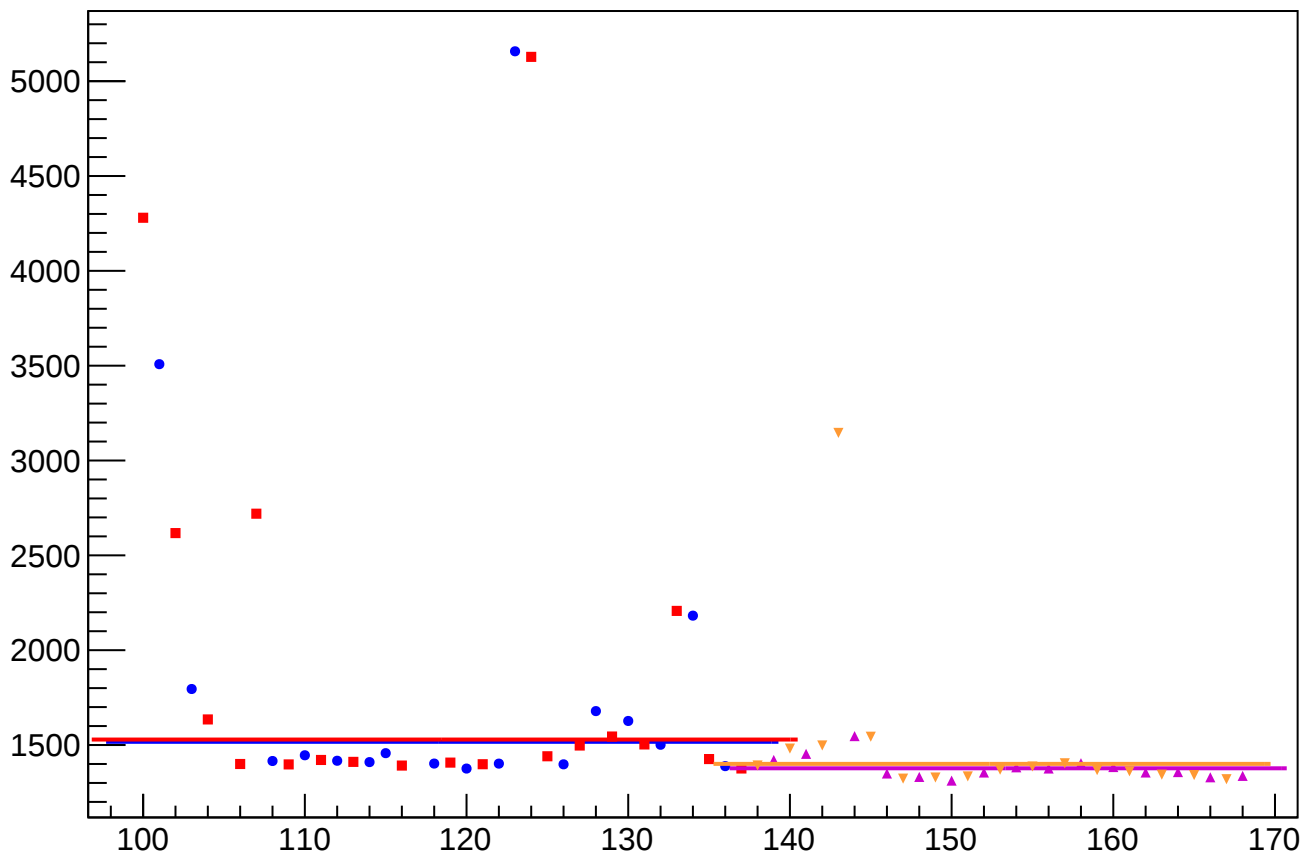
Right: -781.413 ± 423.122 χ^2/NDF : 26.8/35

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

Out: -84.205 ± 336.932 χ^2/NDF : 32.9/34

All: -366.767 ± 237.297 χ^2/NDF : 64.6/66

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

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

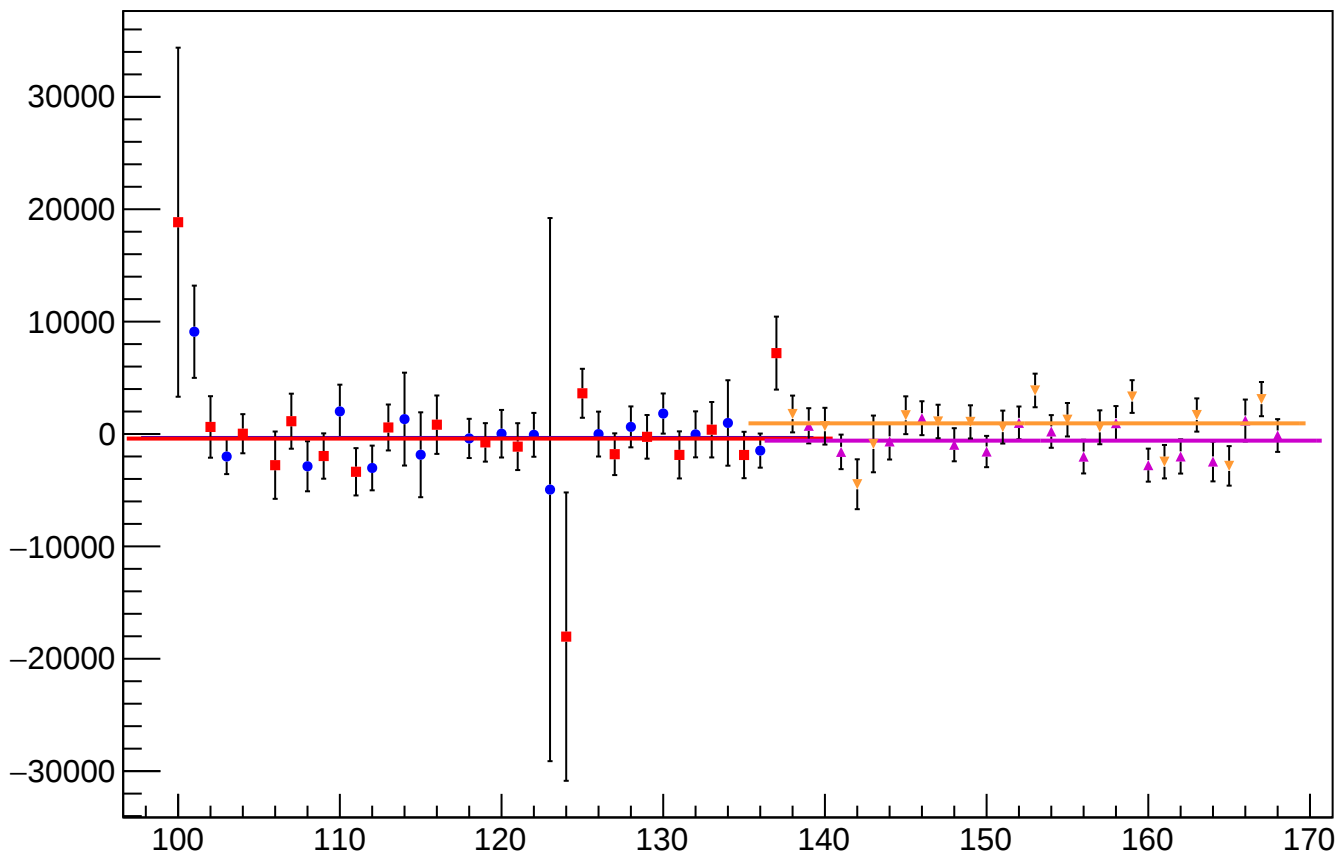
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

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

Out: 1441.592 $\pm$ 0.238 χ^2 /NDF: 1217292.5/34

All: 1430.926 $\pm$ 0.168 χ^2 /NDF: 1875039.1/60

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

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

Left: 170.854+/-280.185 χ^2/NDF : 45.4/30

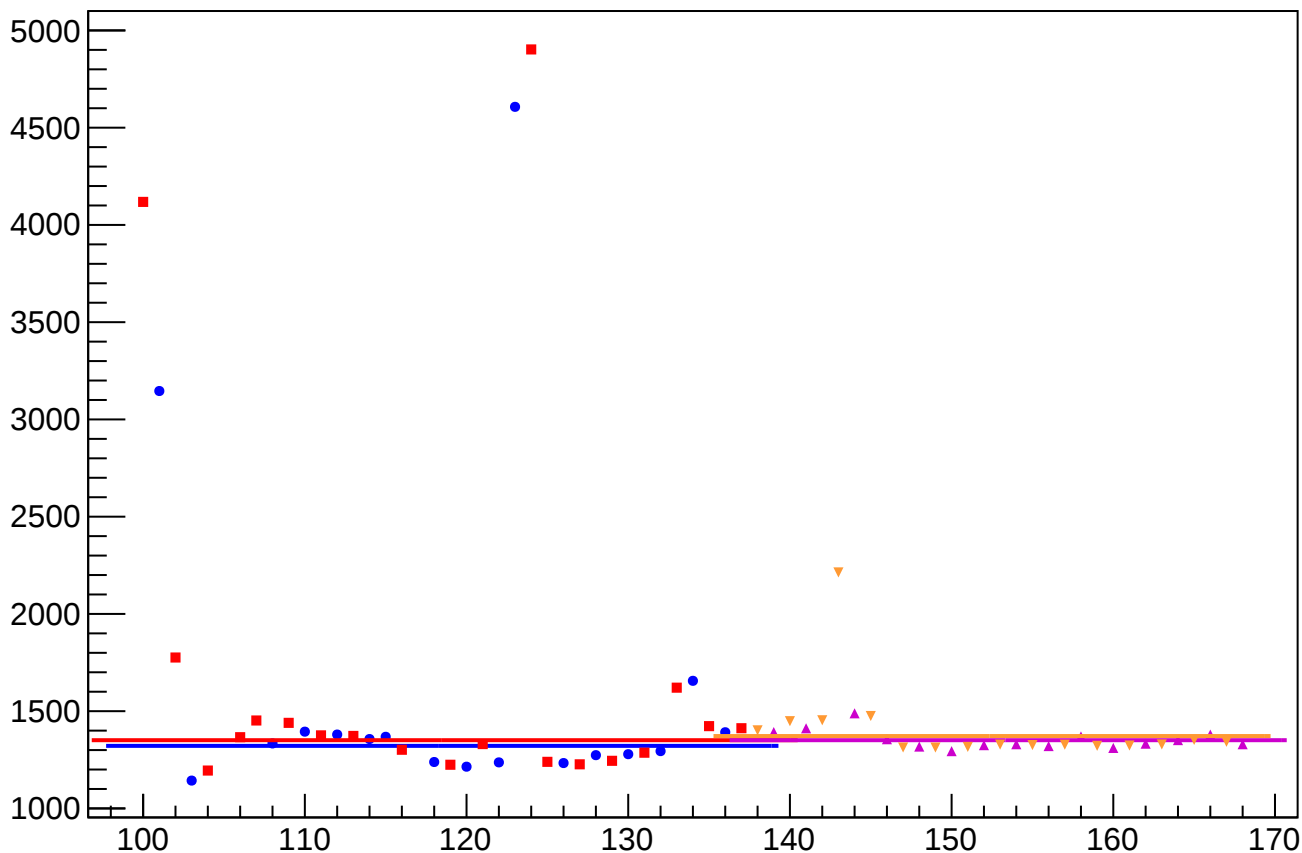
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

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

Out: 449.359+/-316.569 χ^2/NDF : 48.4/34

All: -30.303+/-223.278 χ^2/NDF : 78.6/66

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1372.140 ± 0.282 χ^2/NDF : 259276.0/15

Right Out: 1350.773 ± 0.369 χ^2/NDF : 349883.8/18

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

Left: 1361.368 ± 0.198 χ^2/NDF : 290551.1/30

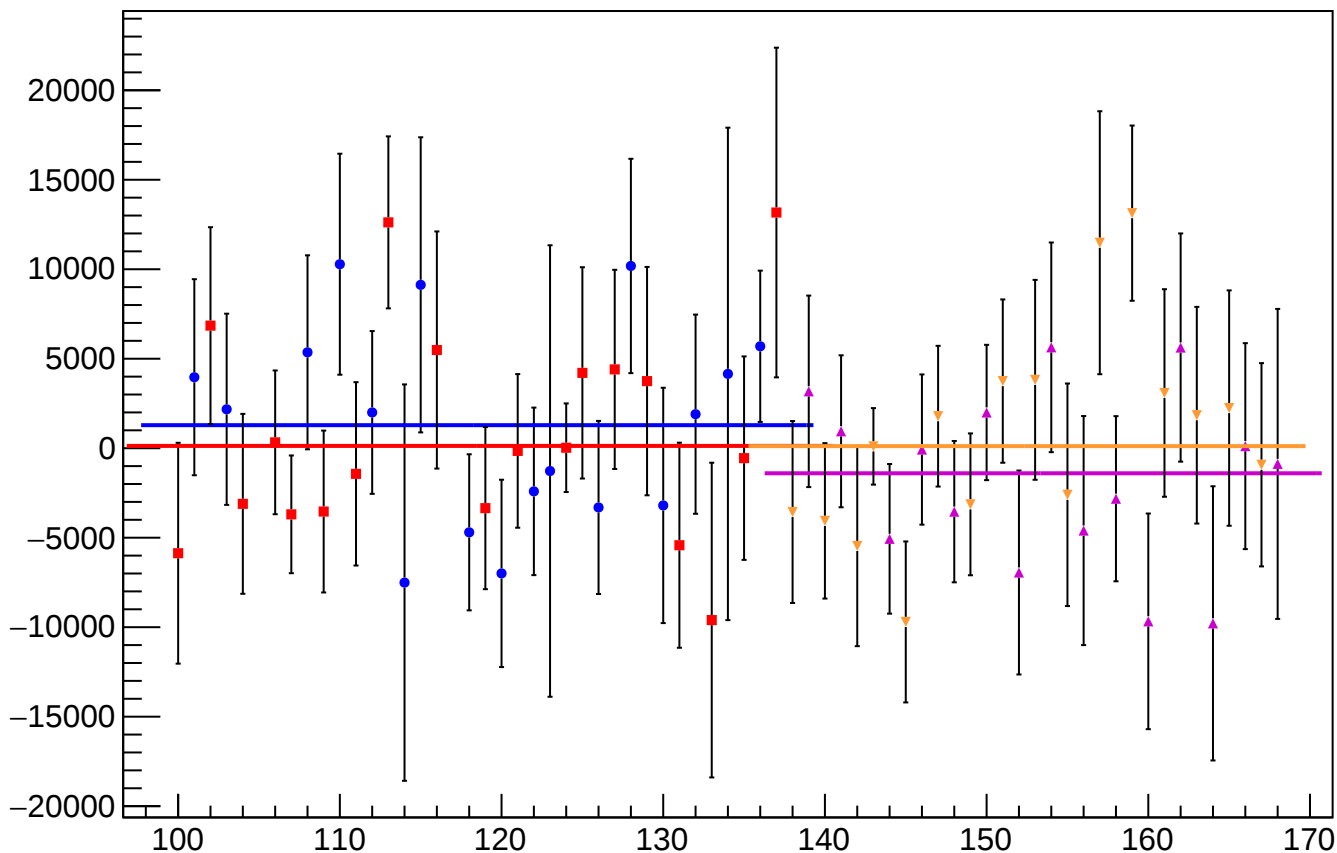
Right: 1336.281 ± 0.261 χ^2/NDF : 855224.6/35

In: 1340.258 ± 0.223 χ^2/NDF : 534562.2/31

Out: 1364.278 ± 0.224 χ^2/NDF : 611279.8/34

All: 1352.209 ± 0.158 χ^2/NDF : 1151629.3/60

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

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

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

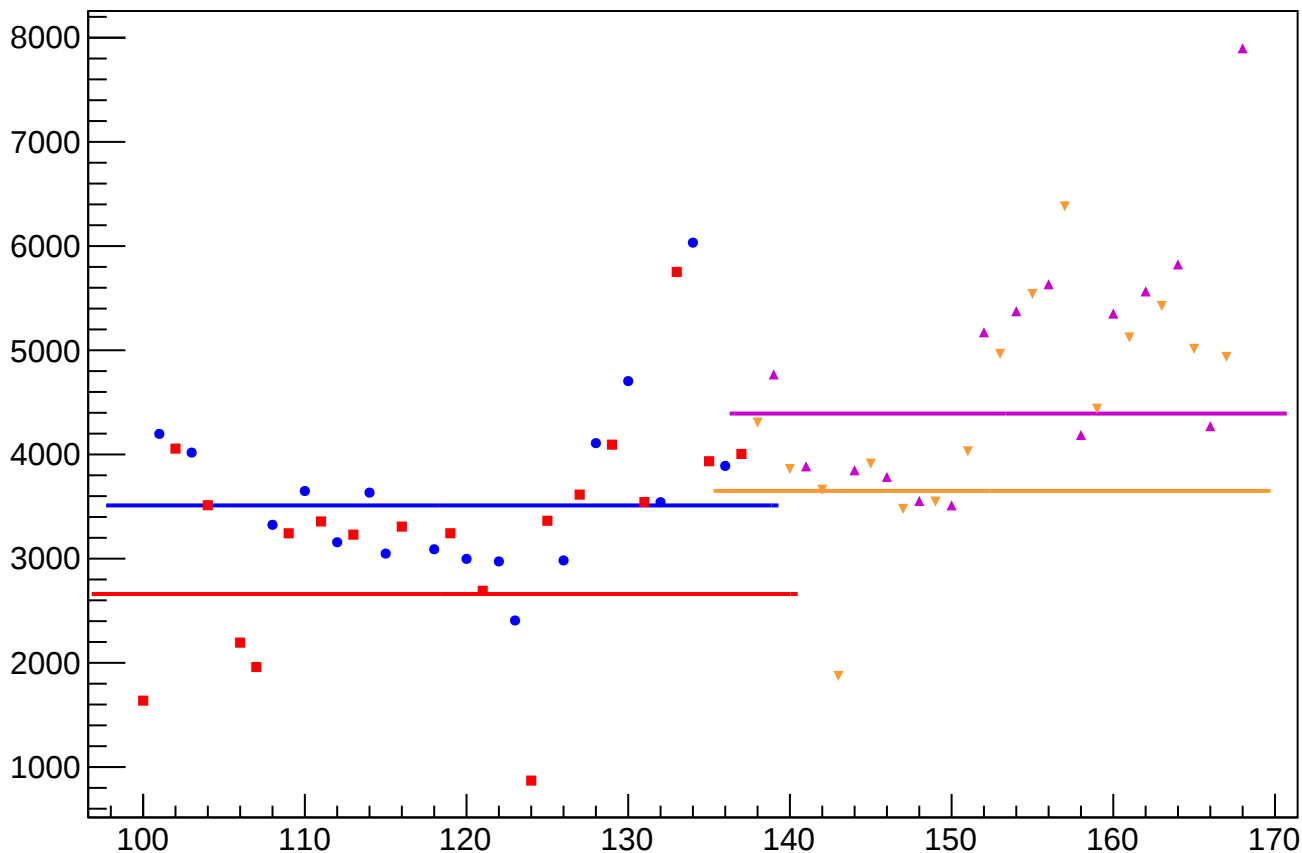
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: 122.980+/-780.372 χ^2/NDF :37.8/34

All: 24.038+/-602.700 χ^2/NDF : 64.3/66

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 3650.185 $\pm$ 0.792 χ^2 /NDF:2557545.7/15

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

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

Left: 3963.574 $\pm$ 0.602 χ^2 /NDF: 3931505.3/30

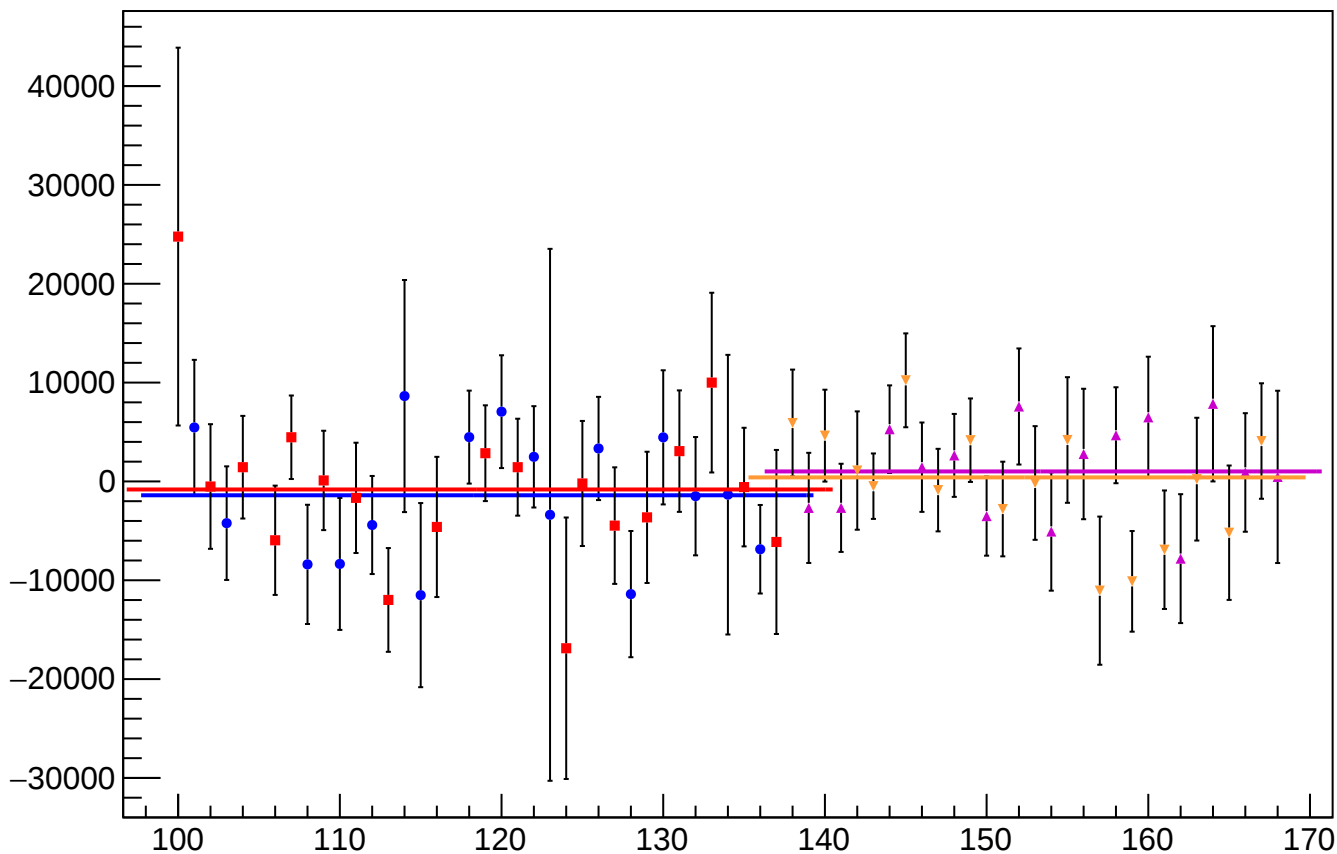
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

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

Out: 3141.340 $\pm$ 0.552 χ^2 /NDF:5543524.3/34

All: 3477.048 $\pm$ 0.426 χ^2 /NDF: 8238492.0/60

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 408.606+/-1273.034 χ^2/NDF : 17.1/15

Right Out: -814.071+/-1379.106 χ^2/NDF : 14.3/18

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

Left: 687.457+/-933.286 χ^2/NDF : 27.0/30

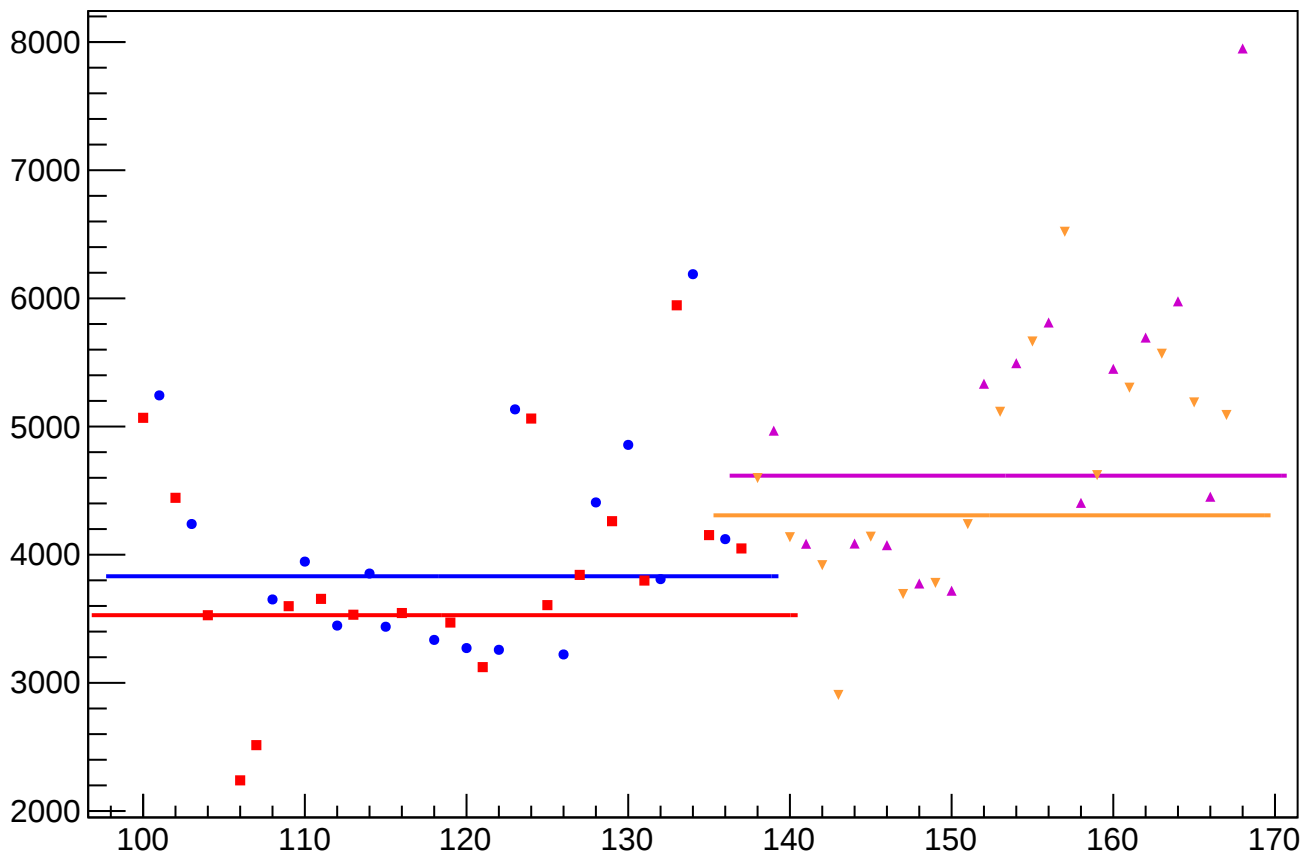
Right: -1082.331+/-1016.512 χ^2/NDF : 30.1/35

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

Out: -153.910+/-935.425 χ^2/NDF : 31.8/34

All: -122.032+/-687.476 χ^2/NDF : 58.8/66

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

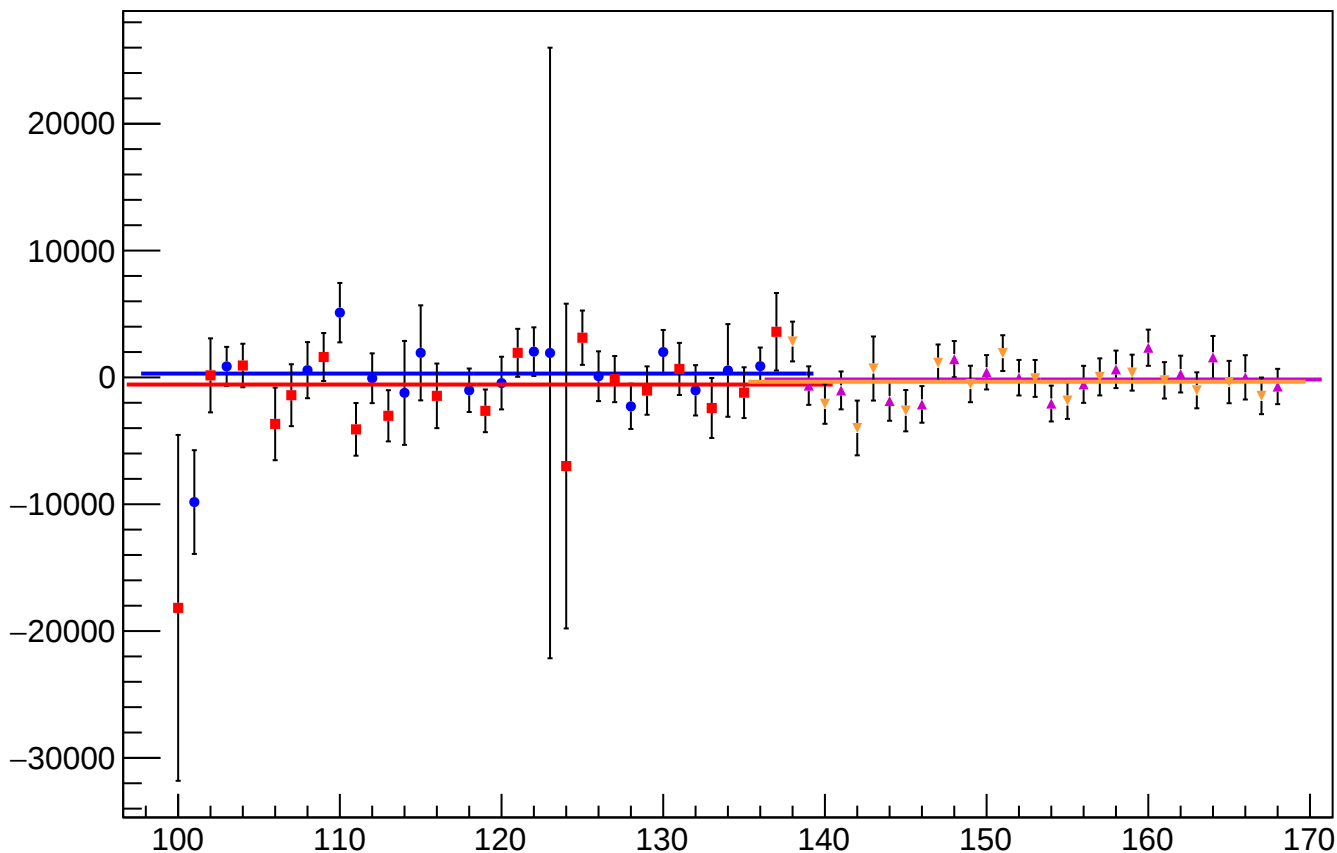
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

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

Out: 3945.238+/-0.659 χ^2/NDF : 1877483.6/34

All: 4089.384+/-0.485 χ^2/NDF : 3479342.4/66

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

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

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

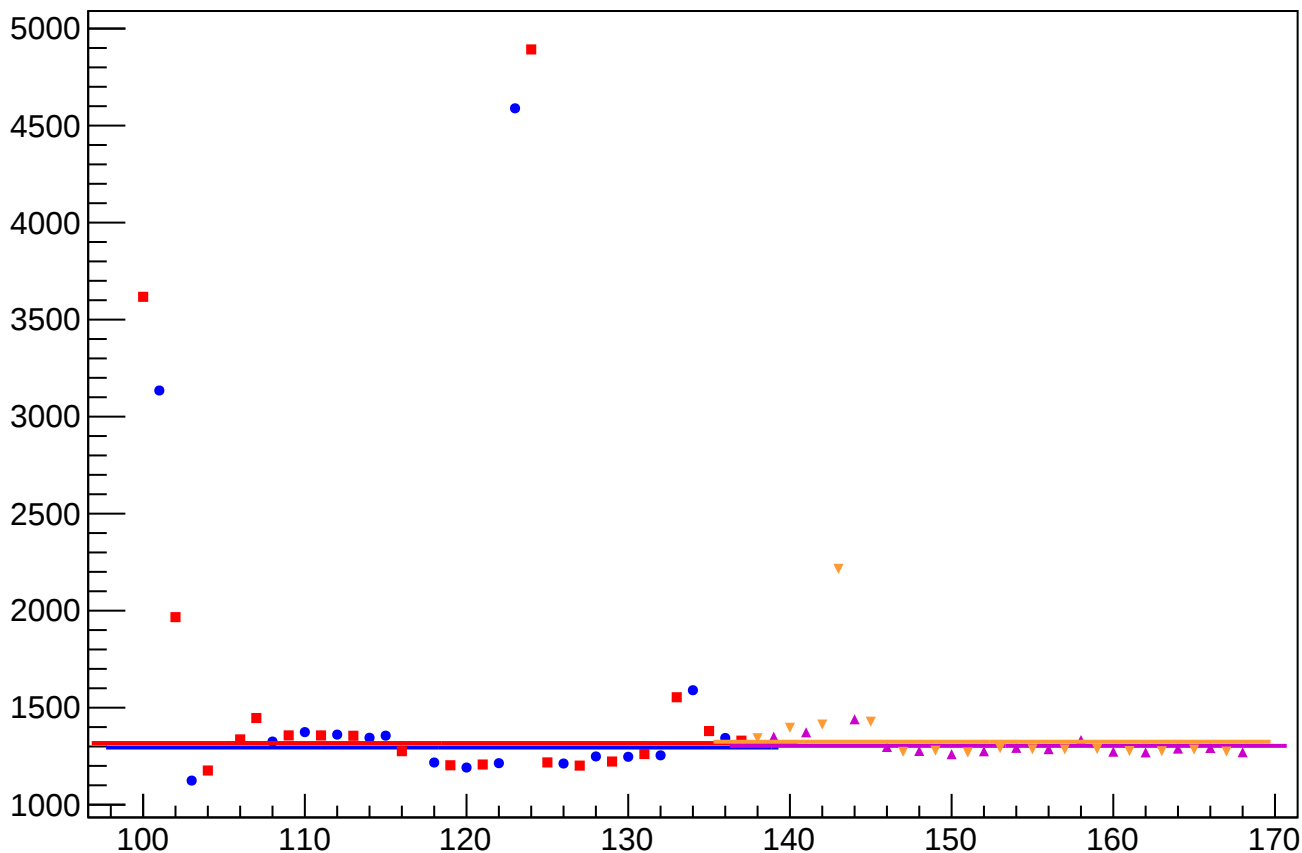
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

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

Out: -421.949 $\pm$ 306.680 χ^2 /NDF:35.4/34

All: -210.006 $\pm$ 216.471 χ^2 /NDF: 64.5/66

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1324.470+/-0.272 χ^2/NDF : 286048.5/15

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

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

Left: 1313.722+/-0.191 χ^2/NDF : 318905.8/30

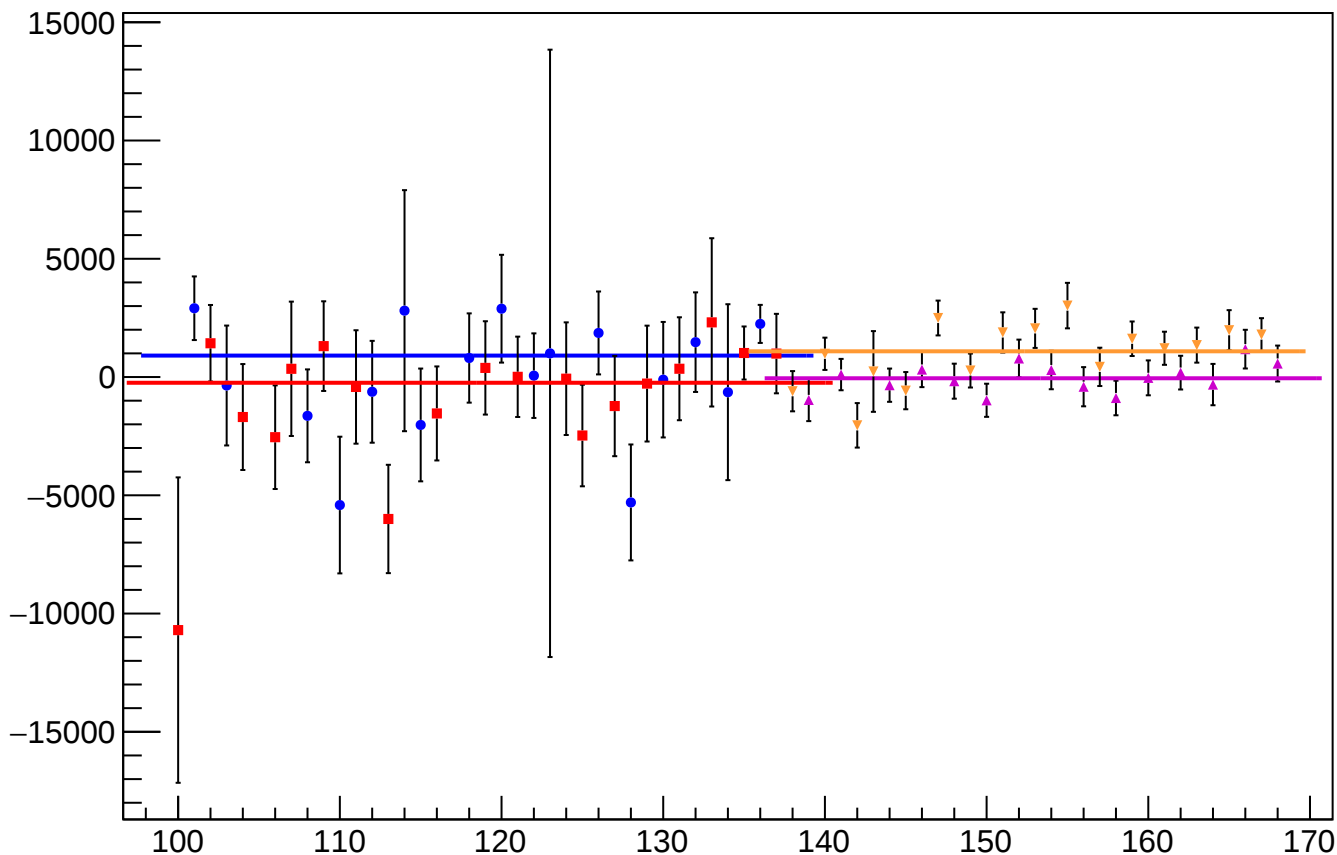
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

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

Out: 1322.038+/-0.217 χ^2/NDF : 677075.6/34

All: 1311.076+/-0.153 χ^2/NDF : 1220089.4/66

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 1087.799 $\pm$ 199.746 χ^2 /NDF:34.5/15

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

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

Left: 507.620 $\pm$ 139.968 χ^2 /NDF: 60.3/30

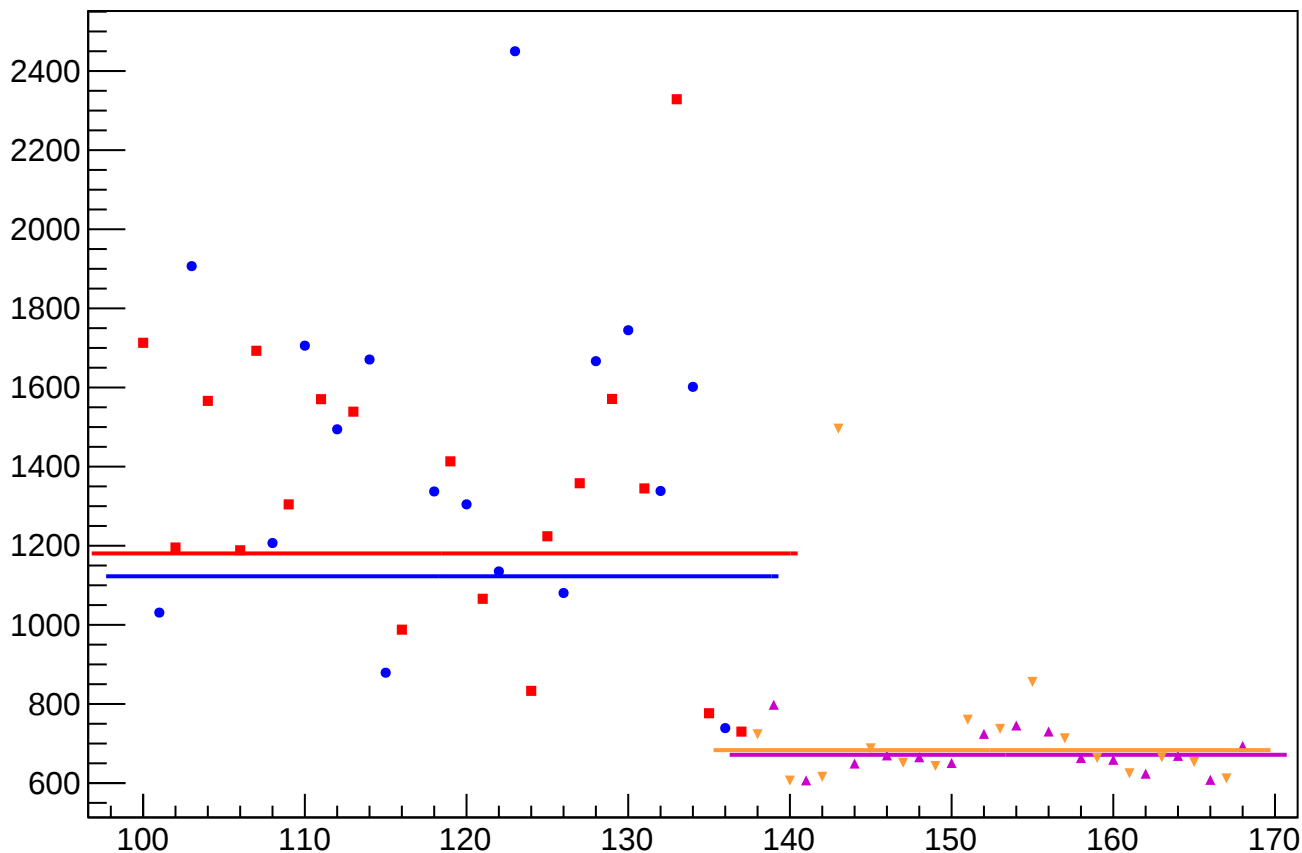
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

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

Out: 879.343 $\pm$ 183.427 χ^2 /NDF:57.9/34

All: 481.632 $\pm$ 128.550 χ^2 /NDF: 102.1/66

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 683.281+/-0.141 χ^2/NDF : 635969.2/15

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

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

Left: 677.307+/-0.099 χ^2/NDF : 761300.5/30

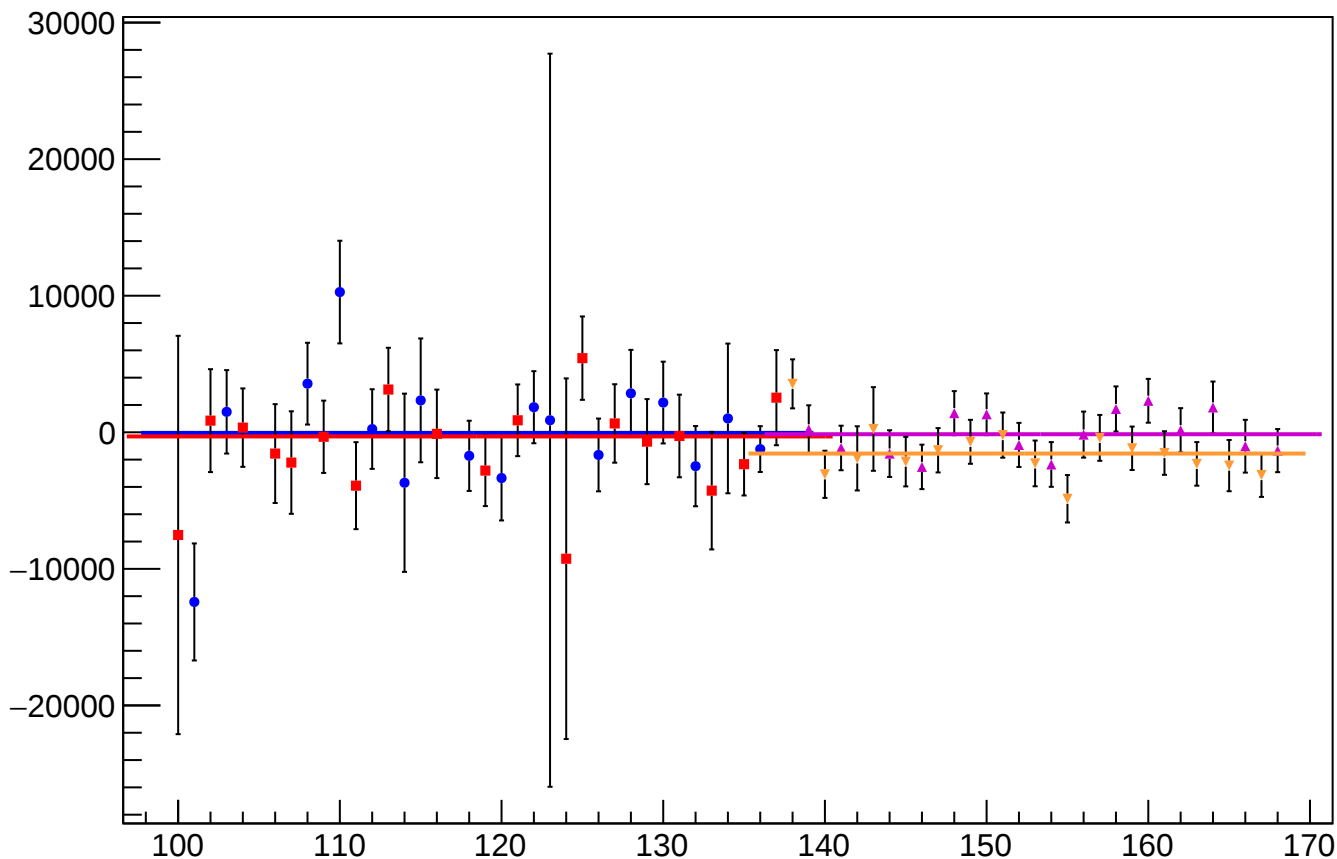
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

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

Out: 761.214+/-0.130 χ^2/NDF : 3613992.1/34

All: 751.471+/-0.091 χ^2/NDF : 6588349.1/66

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

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

Left: -839.144 ± 305.847 $\chi^2/\text{NDF}: 34.1/30$

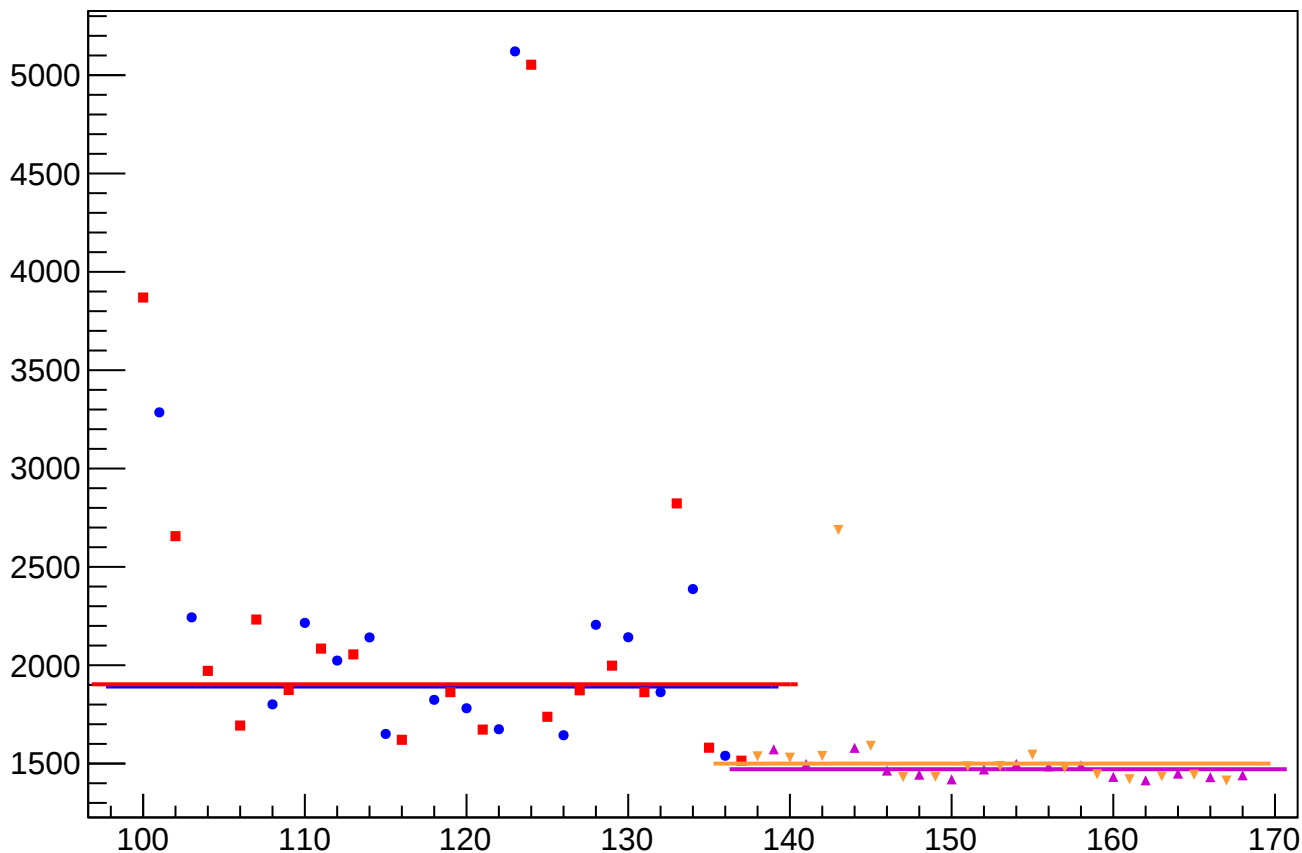
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

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

Out: -1231.144 ± 374.753 $\chi^2/\text{NDF}: 29.1/34$

All: -670.681 ± 264.135 $\chi^2/\text{NDF}: 69.4/66$

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: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

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

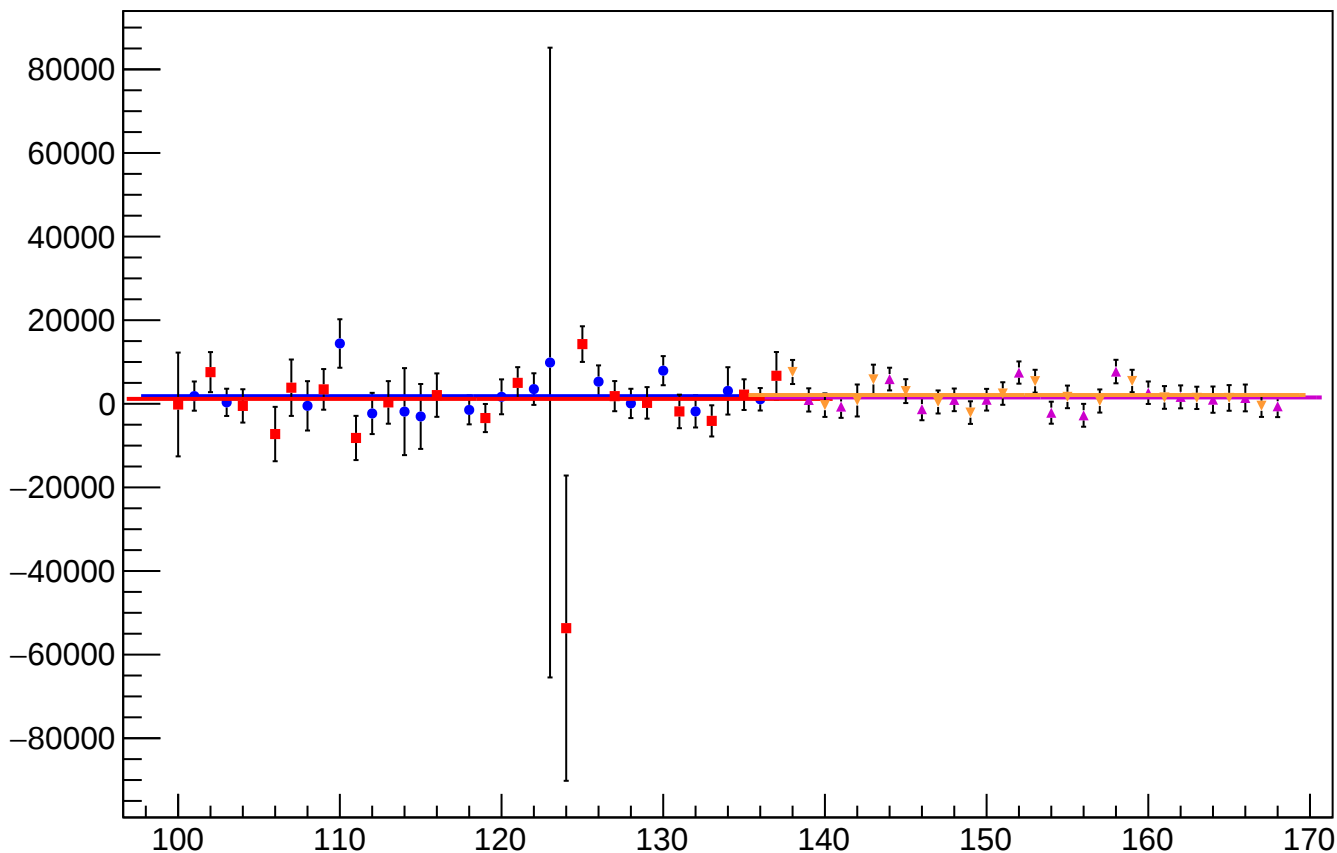
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1575.577 $\pm$ 0.263 χ^2 /NDF:969195.6/31

Out: 1604.866 $\pm$ 0.265 χ^2 /NDF:1240868.9/34

All: 1590.127 $\pm$ 0.187 χ^2 /NDF: 2216212.2/66

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2098.815 $\pm$ 709.387 χ^2 /NDF:13.0/15

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

Left In: 1517.001 $\pm$ 708.488 χ^2 /NDF:19.6/14

Left: 1807.539 $\pm$ 501.294 χ^2 /NDF: 32.9/30

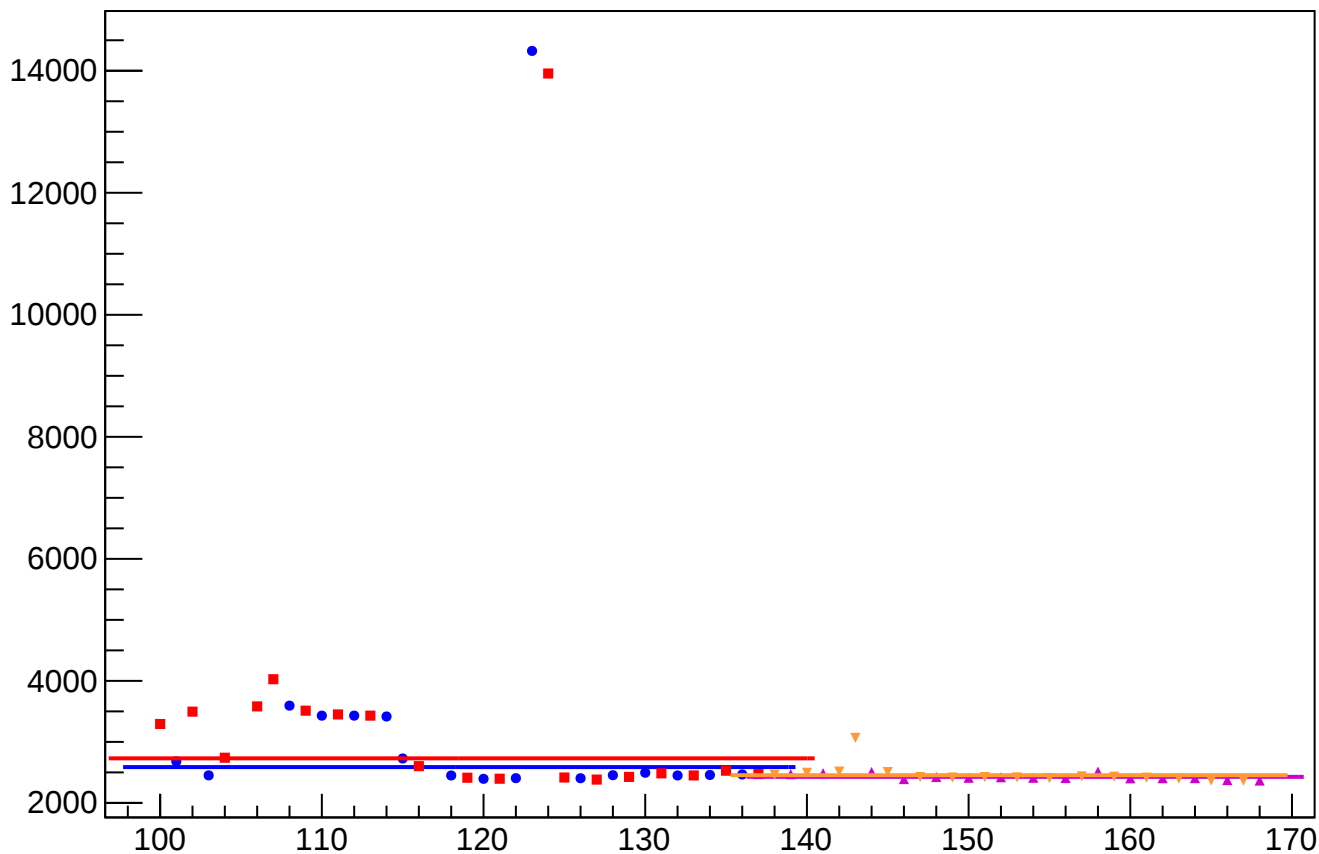
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

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

Out: 1807.292 $\pm$ 587.138 χ^2 /NDF:39.0/34

All: 1711.782 $\pm$ 412.639 χ^2 /NDF: 71.3/66

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: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2427.172+/-0.501 χ^2/NDF : 7746.7/14

Left: 2440.606+/-0.354 χ^2/NDF : 78348.9/30

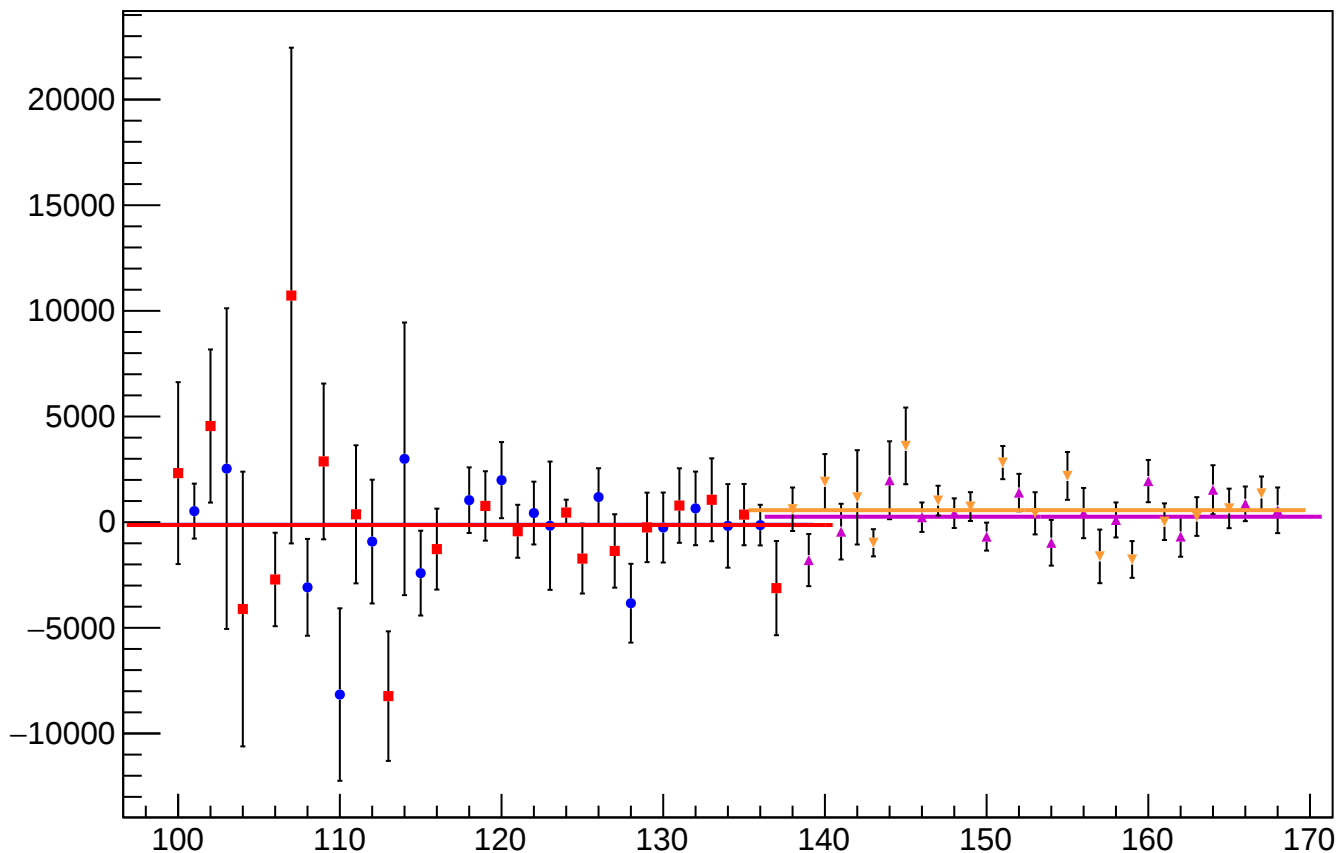
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2479.862+/-0.410 χ^2/NDF : 295409.3/31

Out: 2541.133+/-0.415 χ^2/NDF : 749794.0/34

All: 2510.125+/-0.292 χ^2/NDF : 1056225.5/66

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 567.834 $\pm$ 228.279 χ^2 /NDF:32.1/15

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

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

Left: 420.036 $\pm$ 165.385 χ^2 /NDF: 47.7/30

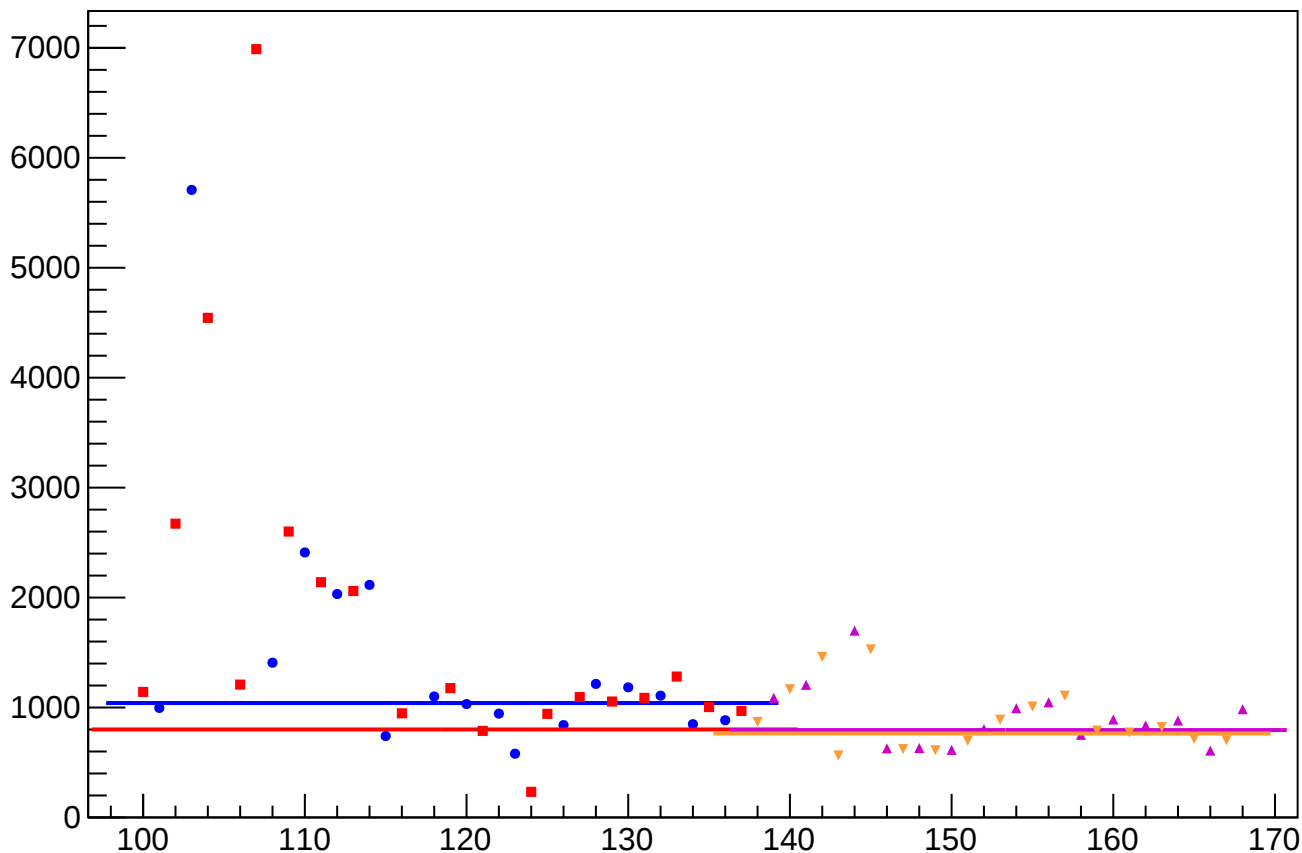
Right: -130.591 $\pm$ 284.729 χ^2 /NDF: 32.6/35

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

Out: 380.960 $\pm$ 195.607 χ^2 /NDF:52.5/34

All: 281.127 $\pm$ 143.010 χ^2 /NDF: 83.1/66

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 $\pm$ 0.305 χ^2/NDF : 1573034.8/16

Left Out: 763.334 $\pm$ 0.161 χ^2/NDF :1446809.9/15

Right Out: 800.407 $\pm$ 0.268 χ^2/NDF : 5187026.8/18

Left In: 794.748 $\pm$ 0.170 χ^2/NDF :1522600.8/14

Left: 778.259 $\pm$ 0.117 χ^2/NDF : 2987406.5/30

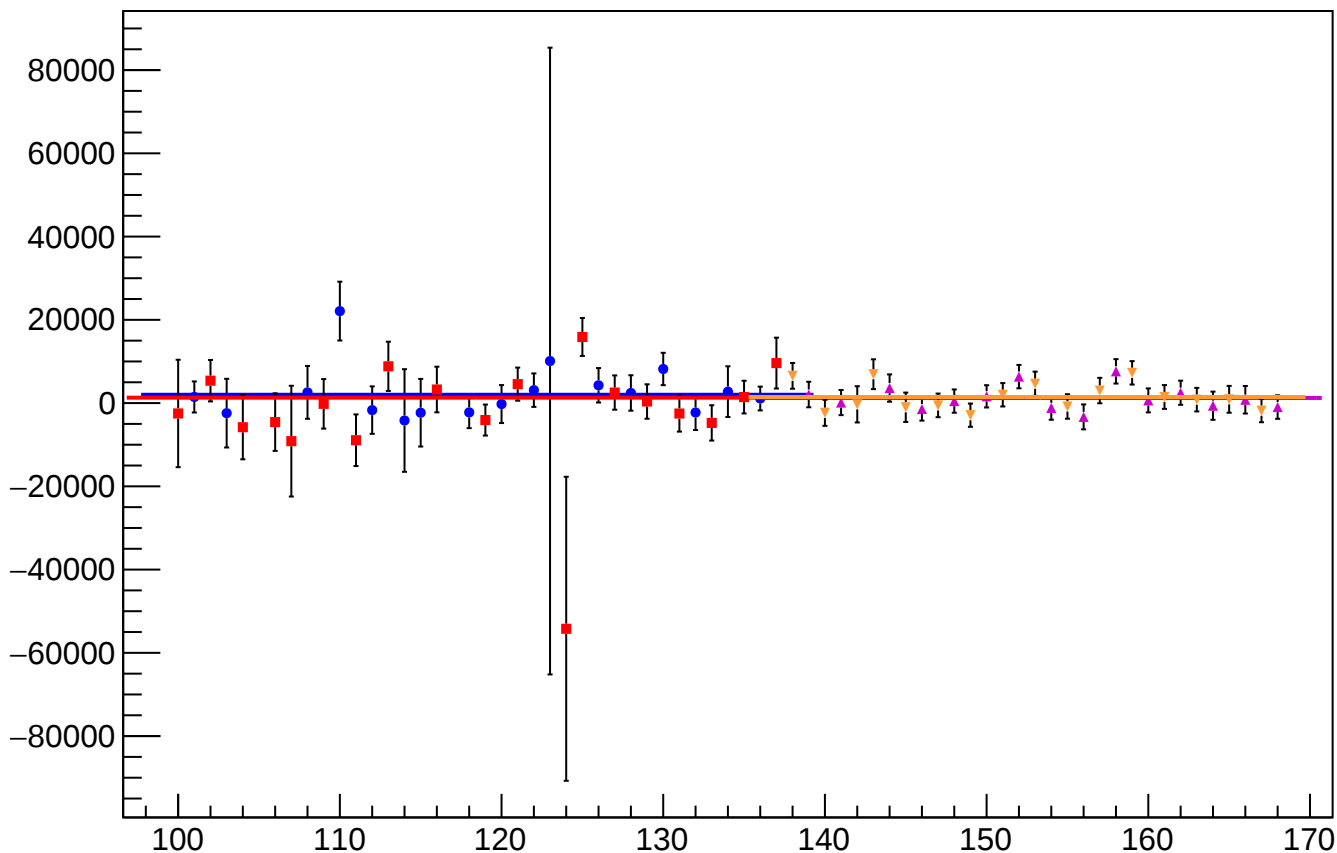
Right: 905.419 $\pm$ 0.201 χ^2/NDF : 7110681.5/35

In: 853.001 $\pm$ 0.148 χ^2/NDF :3593503.5/31

Out: 773.186 $\pm$ 0.138 χ^2/NDF :6647855.5/34

All: 810.339 $\pm$ 0.101 χ^2/NDF : 10396359.1/66

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1461.534+/-758.985 χ^2/NDF :17.9/15

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

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

Left: 1346.788+/-537.392 χ^2/NDF : 31.9/30

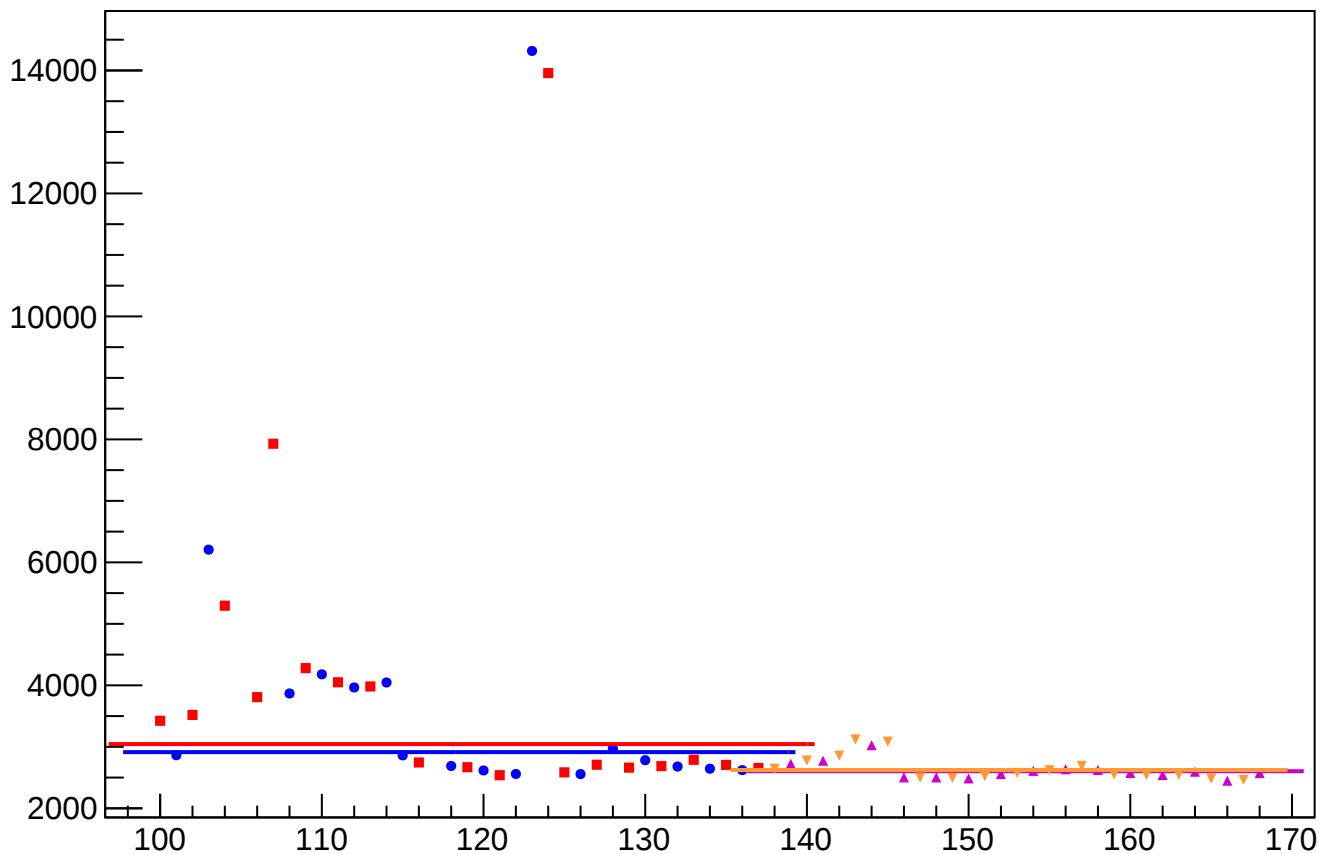
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

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

Out: 1415.944+/-639.700 χ^2/NDF :45.5/34

All: 1439.594+/-450.833 χ^2/NDF : 74.7/66

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2623.011+/-0.537 χ^2/NDF : 110231.2/15

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

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

Left: 2613.499+/-0.380 χ^2/NDF : 169374.4/30

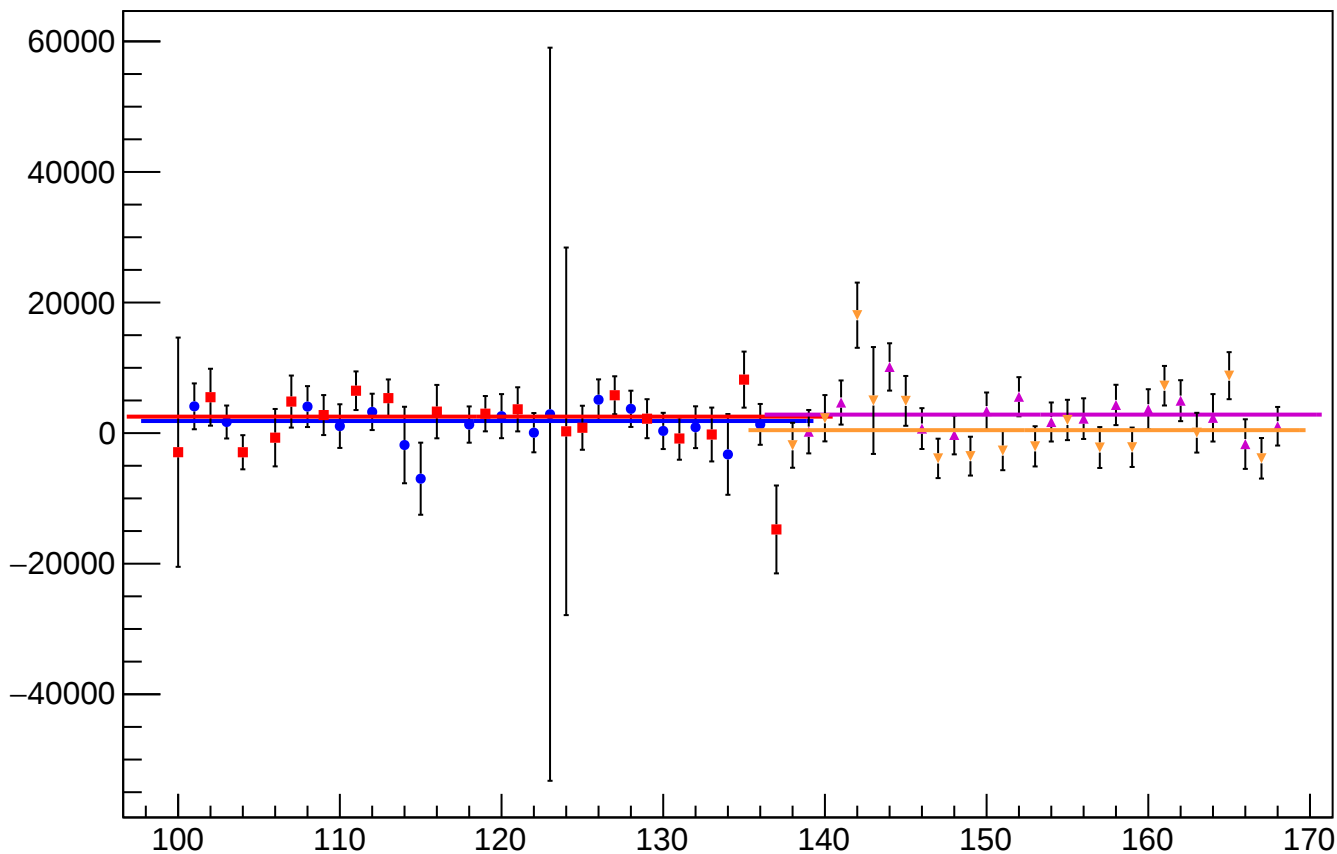
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

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

Out: 2745.079+/-0.452 χ^2/NDF : 1294174.5/34

All: 2721.257+/-0.319 χ^2/NDF : 2097599.3/66

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 451.868 $\pm$ 833.102 χ^2 /NDF:34.5/15

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 2833.334 $\pm$ 819.037 χ^2 /NDF:10.1/14

Left: 1662.872 $\pm$ 584.056 χ^2 /NDF: 48.8/30

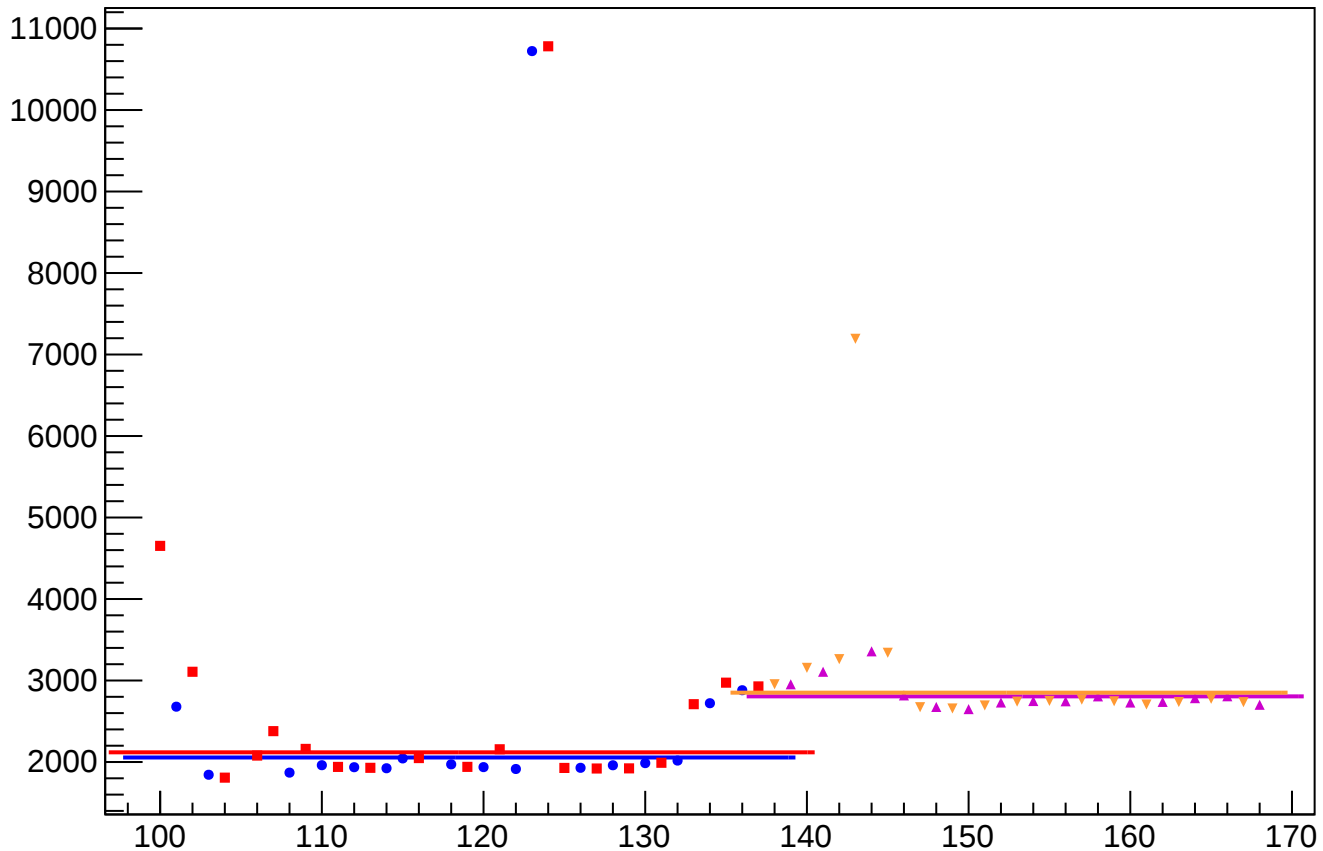
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2334.289 $\pm$ 574.757 χ^2 /NDF:18.1/31

Out: 1505.984 $\pm$ 583.836 χ^2 /NDF:57.8/34

All: 1926.627 $\pm$ 409.587 χ^2 /NDF: 76.9/66

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: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

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

Left: 2827.824+/-0.413 χ^2/NDF : 753000.1/30

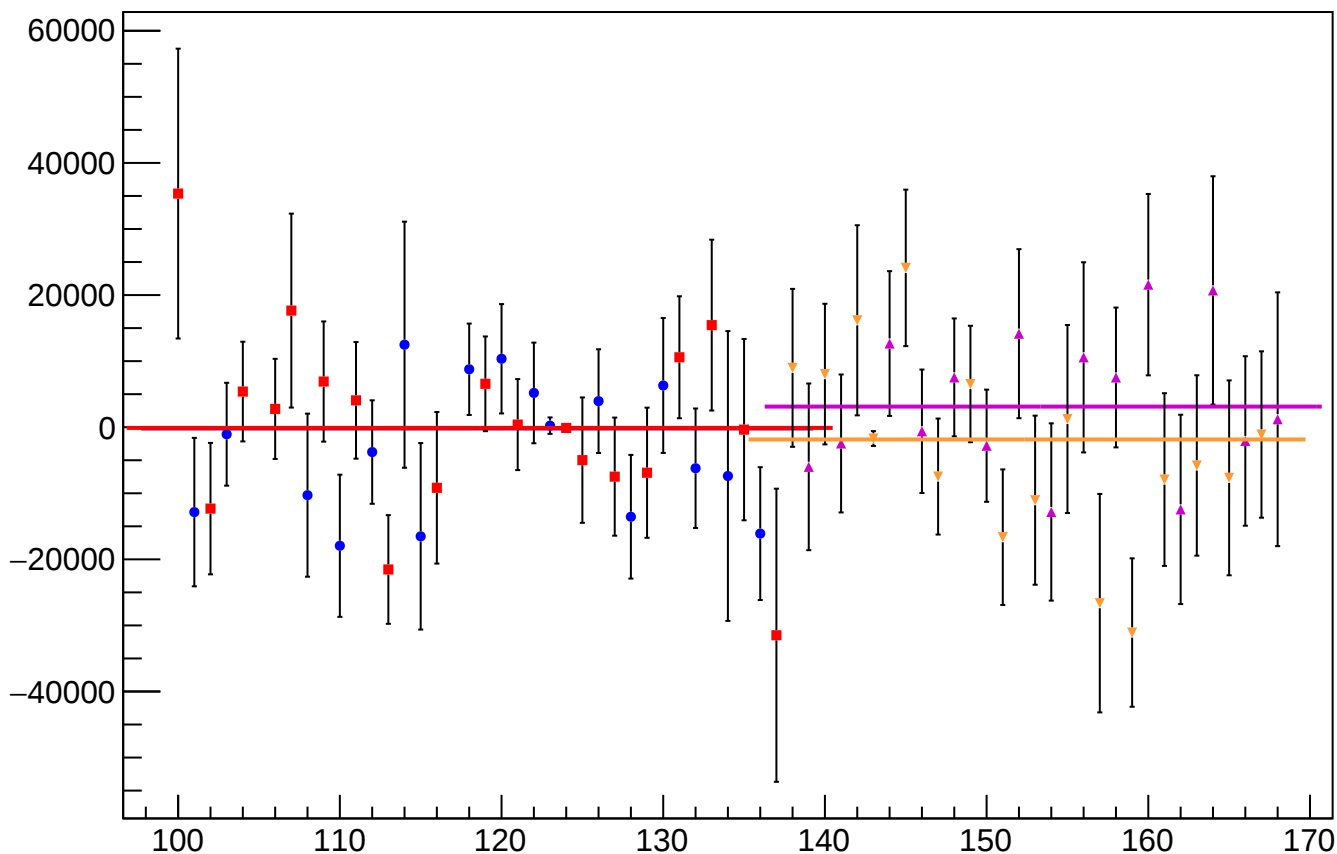
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2424.780+/-0.406 χ^2/NDF : 1251197.8/31

Out: 2477.841+/-0.413 χ^2/NDF : 2027318.2/34

All: 2450.915+/-0.290 χ^2/NDF : 3286911.5/60

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1853.416+/-1052.995 χ^2/NDF : 21.5/15

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

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

Left: -1315.248+/-994.396 χ^2/NDF : 33.2/30

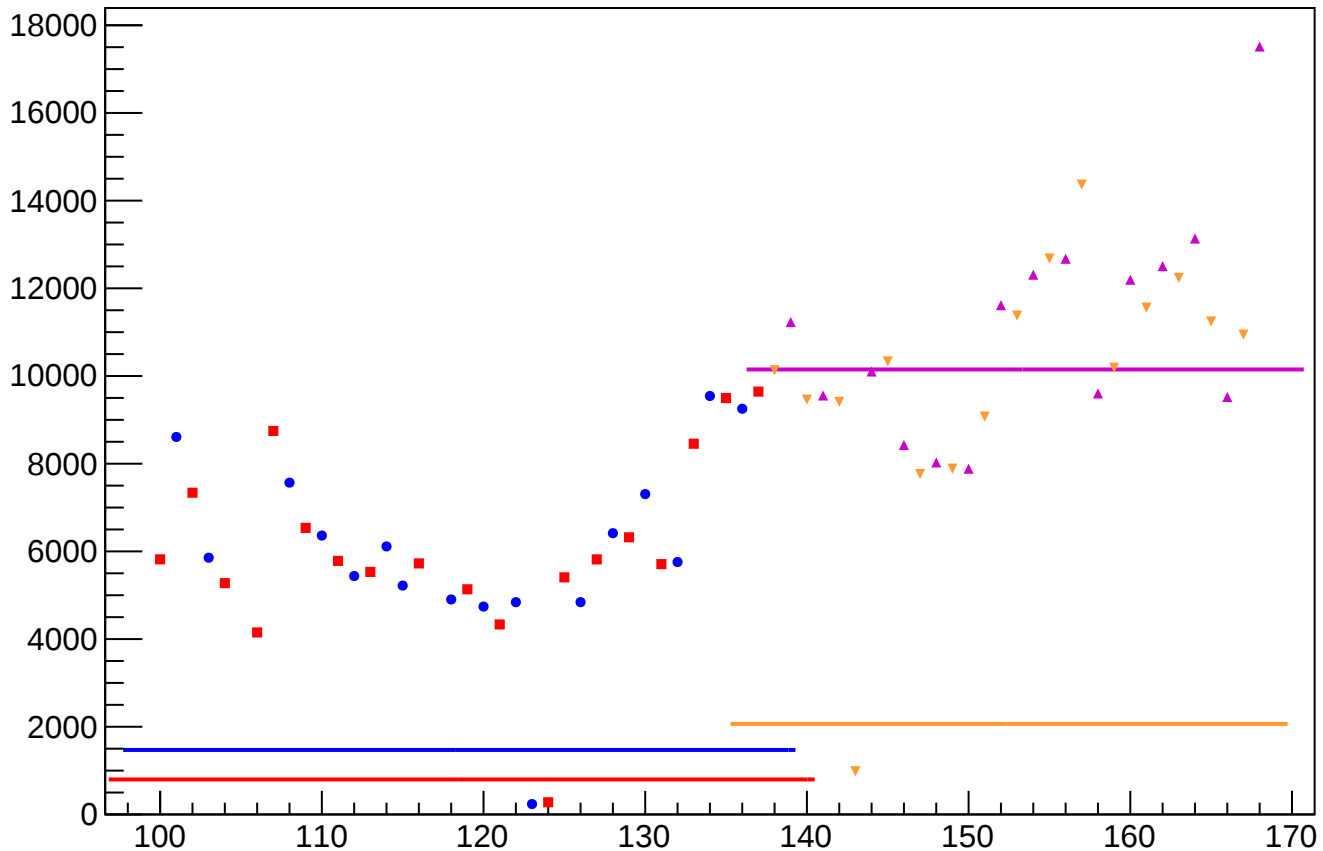
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

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

Out: -632.110+/-577.504 χ^2/NDF : 45.0/34

All: -433.948+/-504.234 χ^2/NDF : 72.2/66

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 2065.651+/-0.745

χ^2/NDF : 16140827.3/15

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 10149.487+/-2.138

χ^2/NDF : 946571.2/14

Left: 2940.346+/-0.703

χ^2/NDF : 29841549.1/30

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2487.532+/-0.731

χ^2/NDF : 25286190.0/31

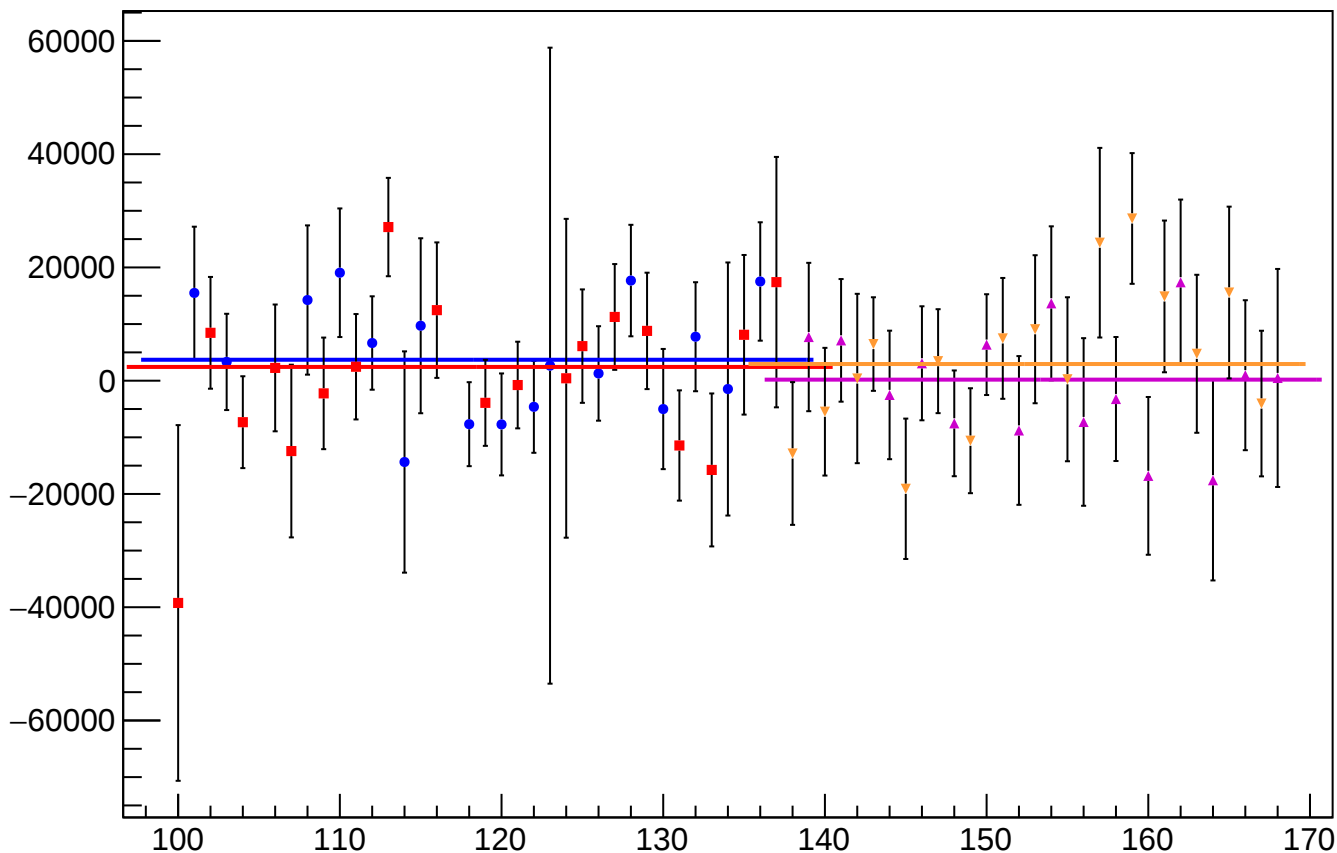
Out: 1179.740+/-0.408

χ^2/NDF : 29692943.5/34

All: 1490.536+/-0.357

χ^2/NDF : 57416579.6/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: 2944.619 $\pm$ 2950.111 χ^2 /NDF:16.5/15

Right Out: 2430.229 $\pm$ 2421.418 χ^2 /NDF: 20.3/18

Left In: 186.038 $\pm$ 3136.695 χ^2 /NDF:7.7/14

Left: 1649.810 $\pm$ 2148.980 χ^2 /NDF: 24.6/30

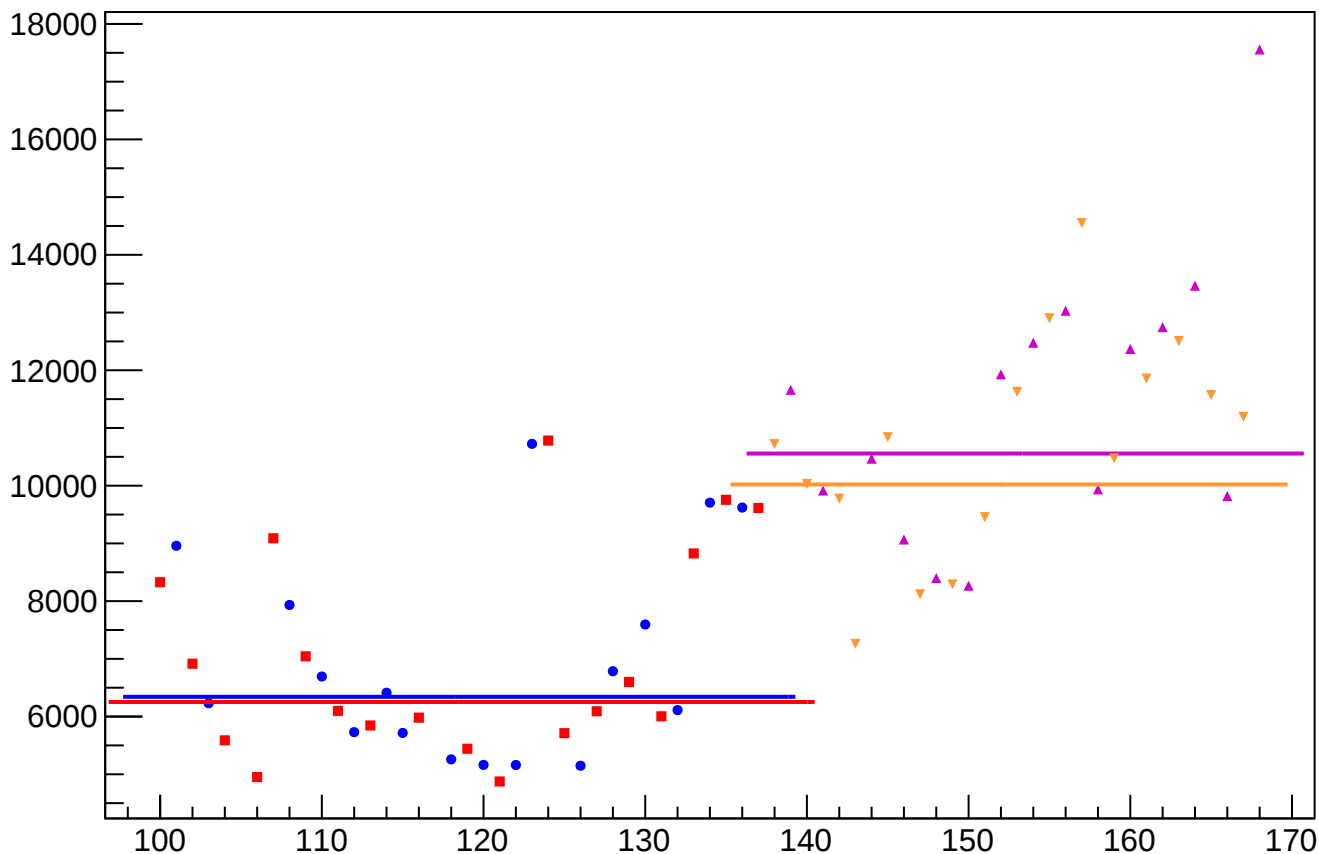
Right: 3039.559 $\pm$ 1745.330 χ^2 /NDF: 34.8/35

In: 2322.028 $\pm$ 1963.561 χ^2 /NDF:22.9/31

Out: 2637.281 $\pm$ 1871.680 χ^2 /NDF:36.8/34

All: 2487.203 $\pm$ 1354.796 χ^2 /NDF: 59.7/66

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

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

Left: 10272.792+/-1.520 χ^2/NDF : 1660101.7/30

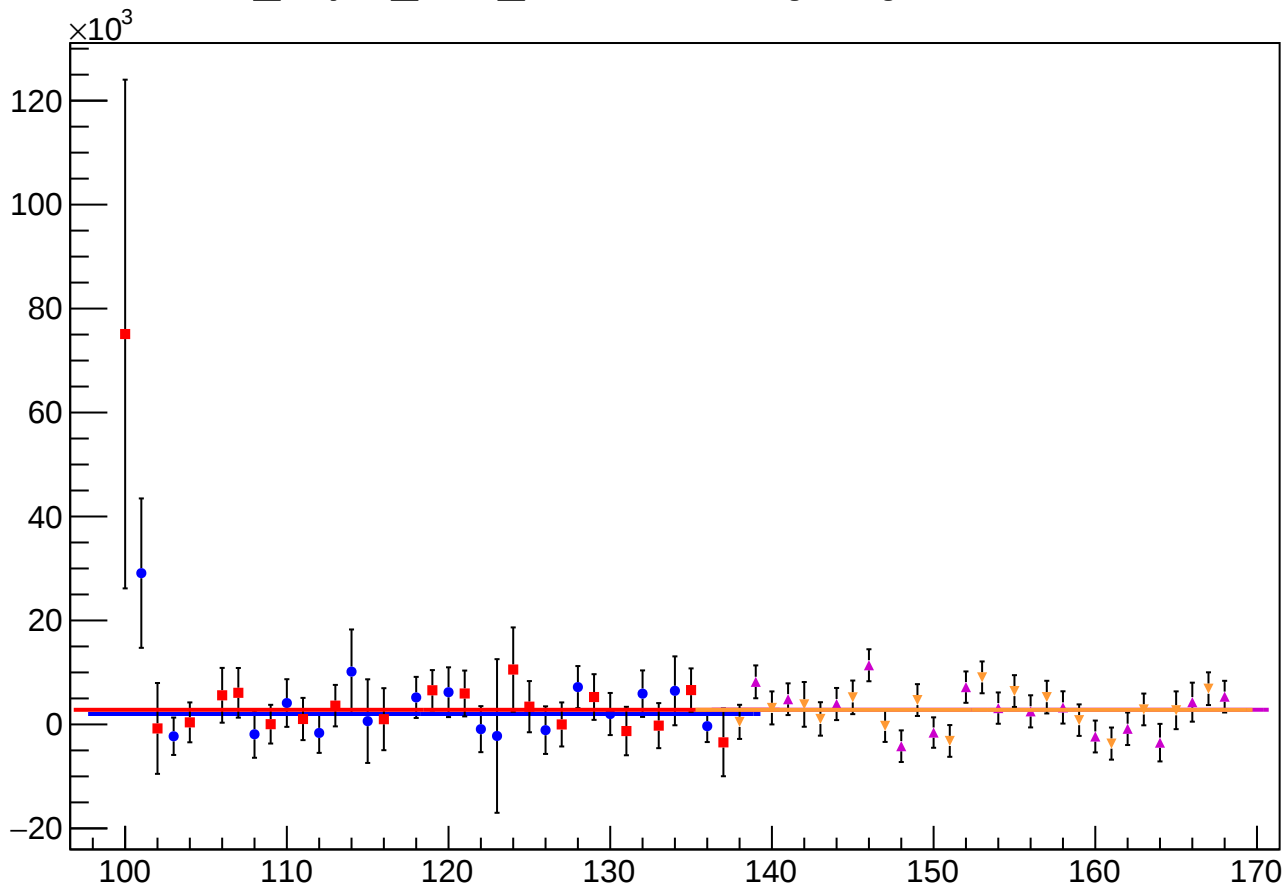
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

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

Out: 7769.191+/-1.323 χ^2/NDF : 3285907.7/34

All: 7876.207+/-0.958 χ^2/NDF : 6921223.2/66

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

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

Left: 2811.386+/-567.602 χ^2 /NDF: 48.3/30

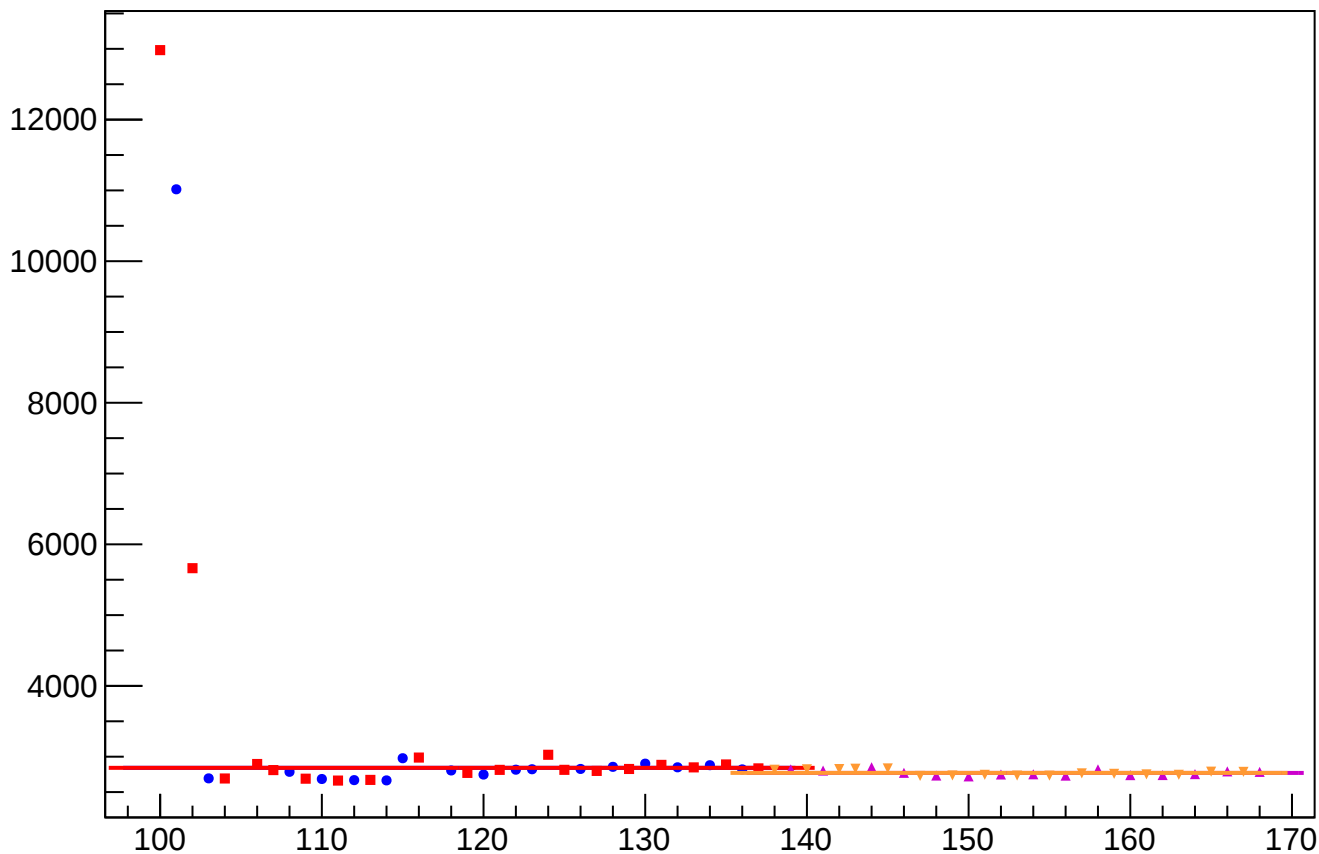
Right: 2422.331+/-781.689 χ^2 /NDF: 24.5/35

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

Out: 2804.798+/-643.345 χ^2 /NDF:29.8/34

All: 2677.072+/-459.292 χ^2 /NDF: 72.9/66

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

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

Left: 2770.779+/-0.401 χ^2/NDF : 8961.7/30

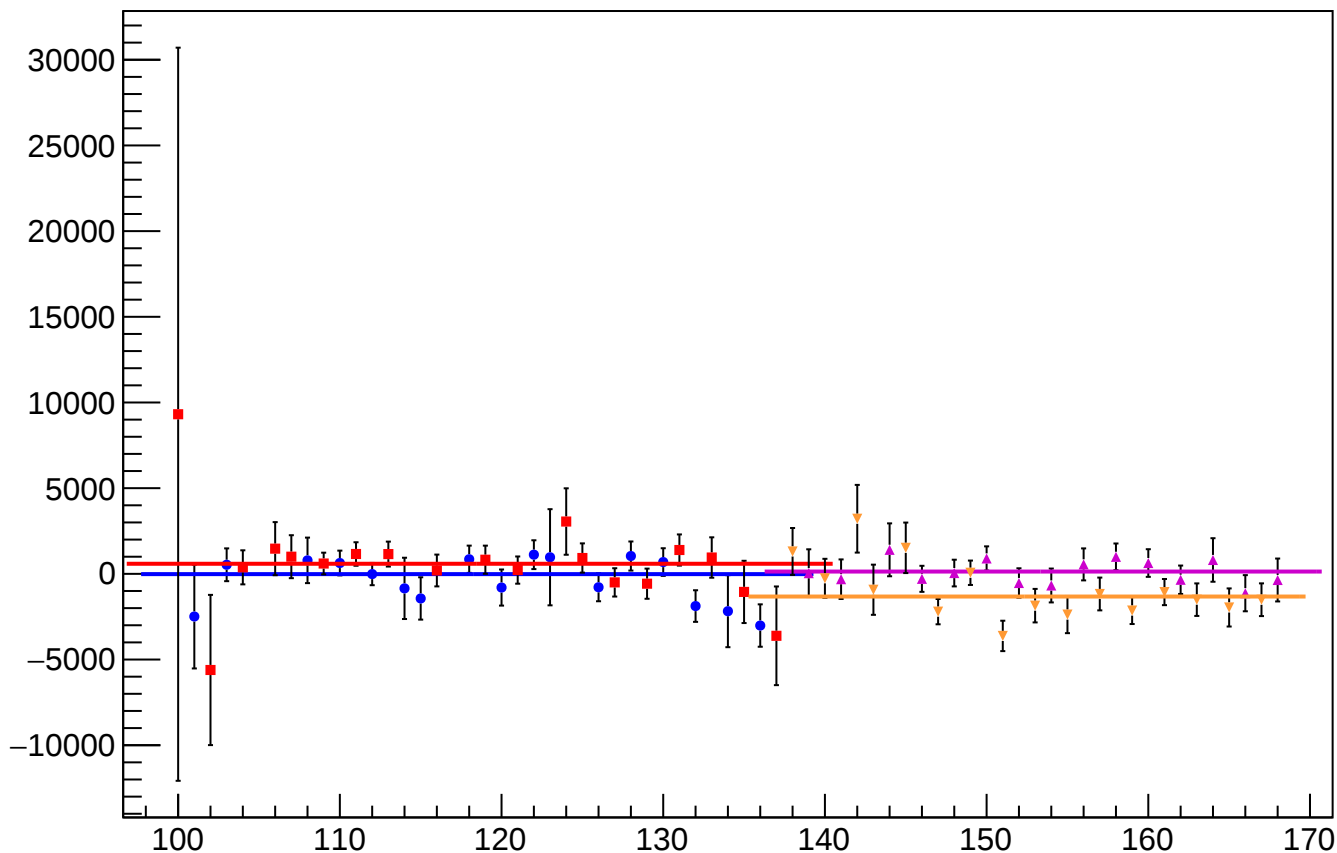
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

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

Out: 2796.066+/-0.455 χ^2/NDF : 322399.0/34

All: 2795.550+/-0.325 χ^2/NDF : 992636.2/66

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1323.603 ± 243.162 χ^2/NDF : 28.5/15

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 134.400 ± 239.677 χ^2/NDF : 7.6/14

Left: -584.078 ± 170.696 χ^2/NDF : 54.3/30

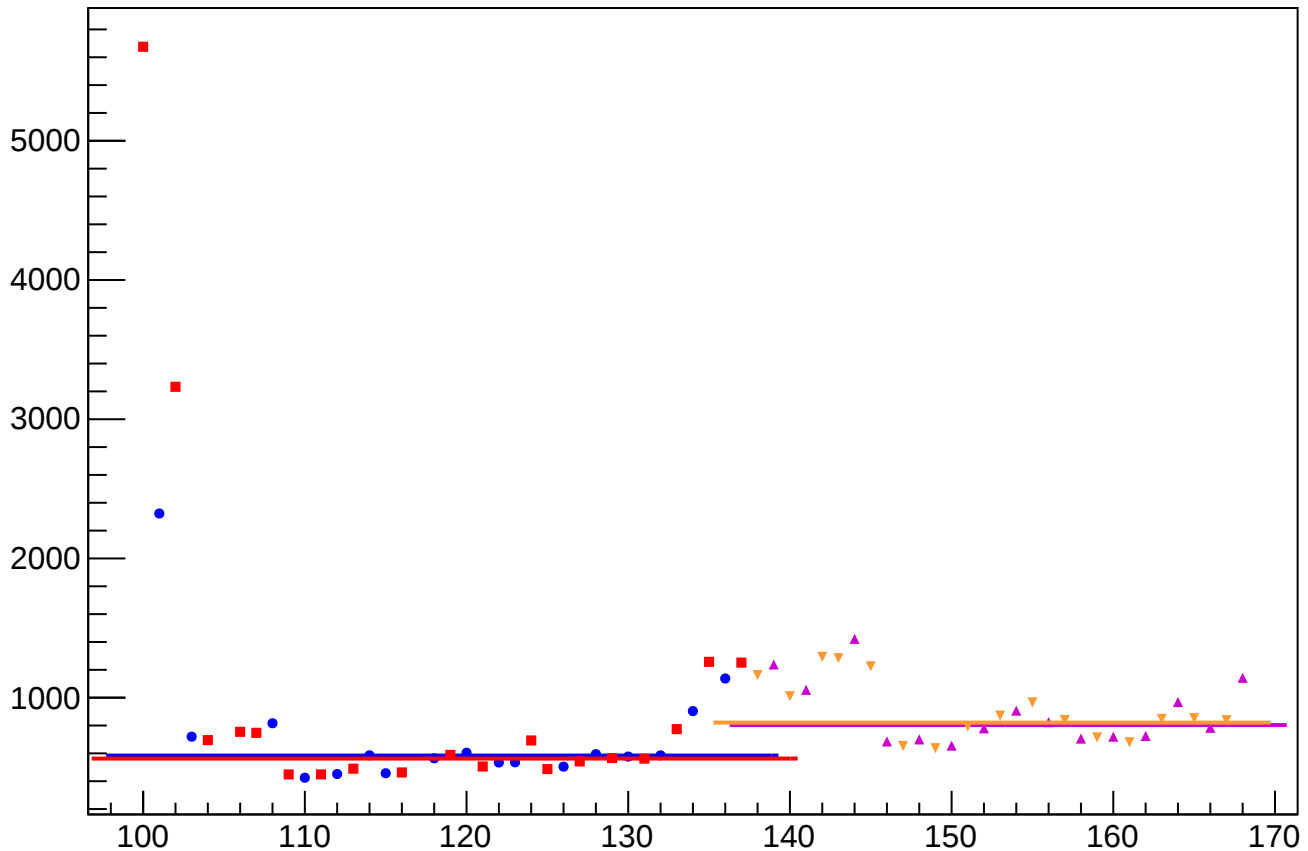
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 59.129 ± 169.188 χ^2/NDF : 29.4/31

Out: -296.809 ± 165.462 χ^2/NDF : 75.2/34

All: -122.803 ± 118.295 χ^2/NDF : 106.8/66

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 821.104+/-0.172 χ^2/NDF : 1034630.7/15

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 803.456+/-0.169 χ^2/NDF : 1060401.4/14

Left: 812.152+/-0.121 χ^2/NDF : 2100375.8/30

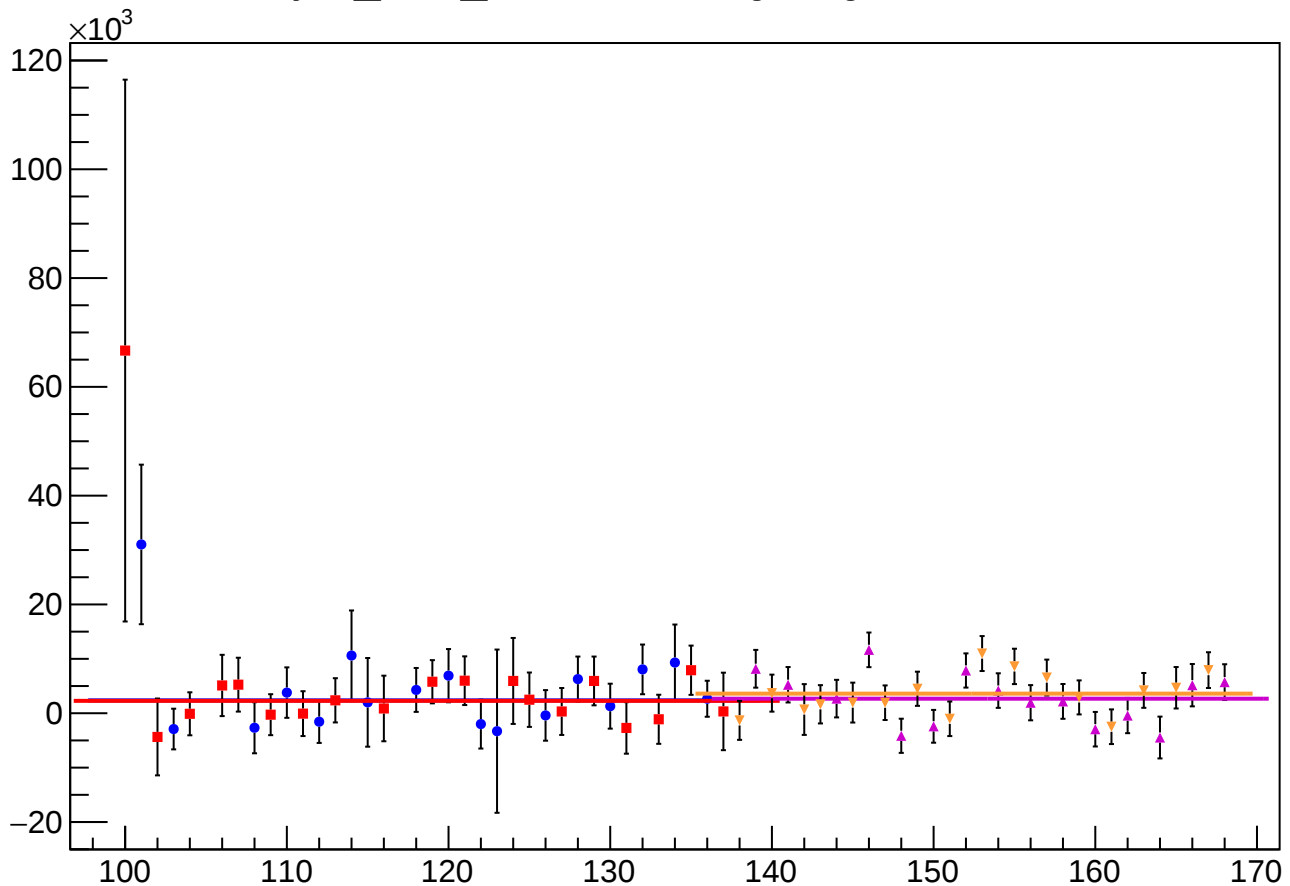
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 693.382+/-0.120 χ^2/NDF : 3337827.2/31

Out: 682.343+/-0.117 χ^2/NDF : 3887077.2/34

All: 687.740+/-0.084 χ^2/NDF : 7229256.2/66

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 ± 1159.943 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 3602.117 ± 842.735 $\chi^2/\text{NDF}: 19.2/15$

Right Out: 2277.507 ± 1111.658 $\chi^2/\text{NDF}: 10.2/18$

Left In: 2672.824 ± 849.618 $\chi^2/\text{NDF}: 30.4/14$

Left: 3141.249 ± 598.322 $\chi^2/\text{NDF}: 50.3/30$

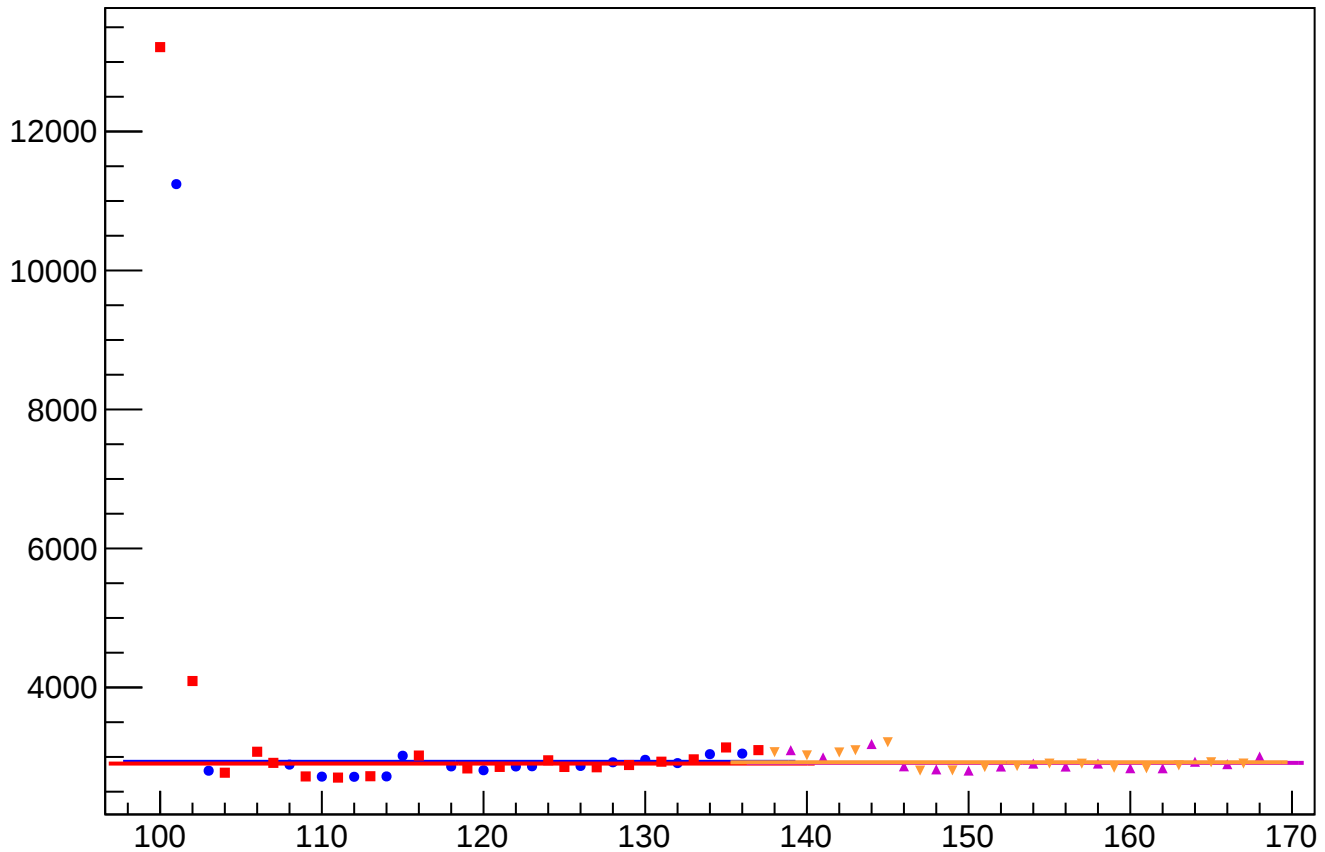
Right: 2318.341 ± 802.588 $\chi^2/\text{NDF}: 25.3/35$

In: 2564.571 ± 685.420 $\chi^2/\text{NDF}: 45.5/31$

Out: 3118.690 ± 671.572 $\chi^2/\text{NDF}: 30.4/34$

All: 2847.285 ± 479.694 $\chi^2/\text{NDF}: 76.2/66$

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: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2914.637+/-0.601 χ^2/NDF : 29067.7/14

Left: 2918.807+/-0.423 χ^2/NDF : 63596.1/30

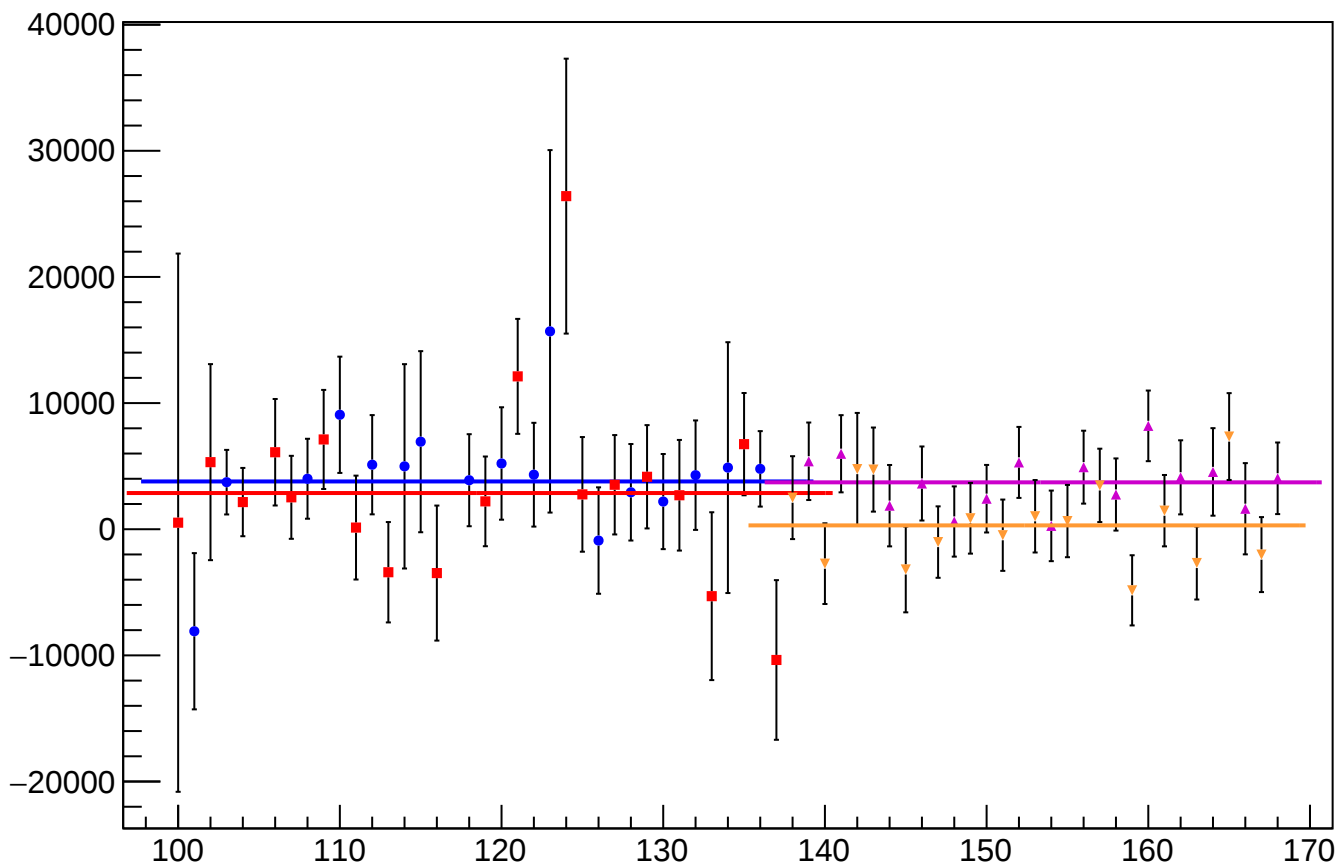
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2919.880+/-0.485 χ^2/NDF : 691914.9/31

Out: 2916.217+/-0.475 χ^2/NDF : 204067.1/34

All: 2918.011+/-0.339 χ^2/NDF : 896011.2/66

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 304.321+/-761.013 χ^2/NDF : 16.2/15

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3716.773+/-763.212 χ^2/NDF : 7.8/14

Left: 2005.624+/-538.893 χ^2/NDF : 34.0/30

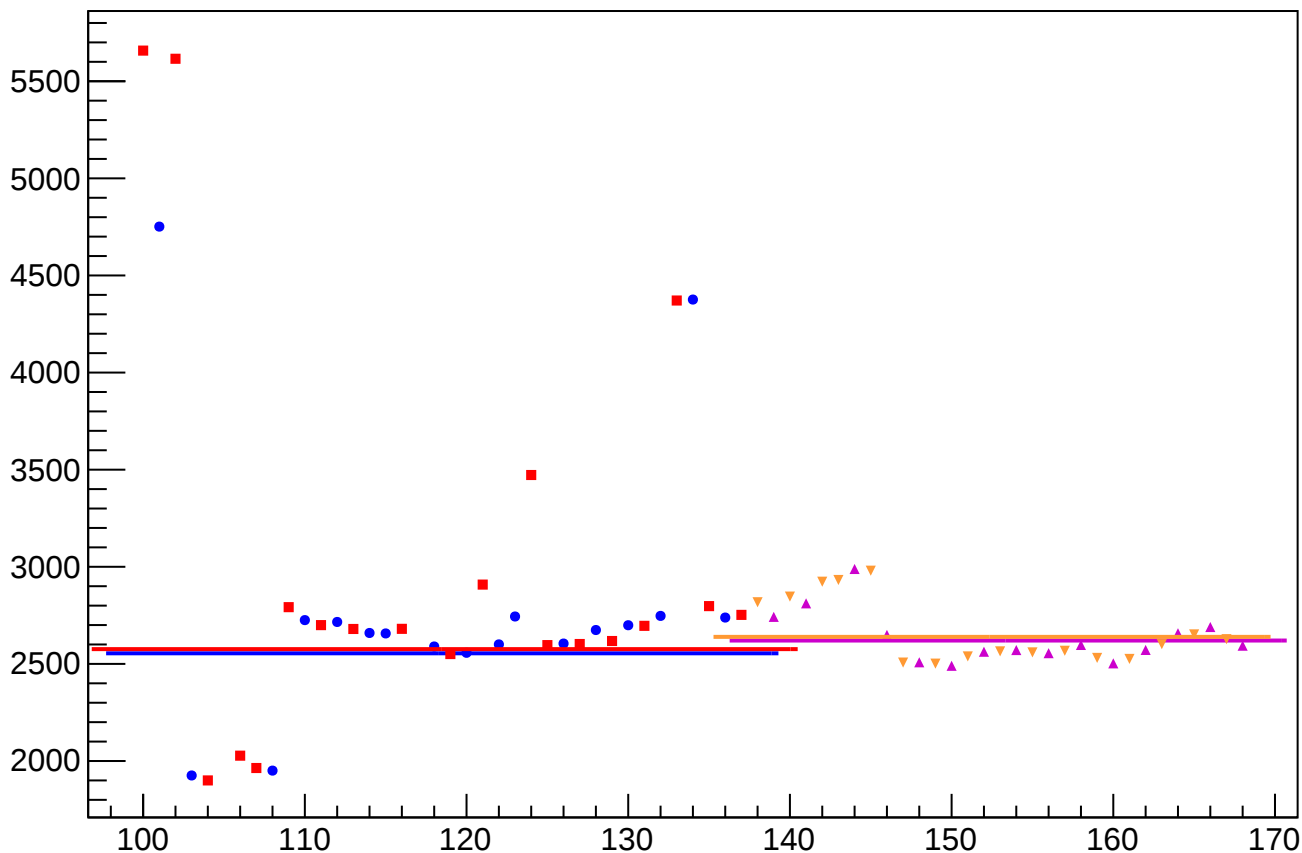
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3742.665+/-608.500 χ^2/NDF : 15.5/31

Out: 1241.553+/-606.251 χ^2/NDF : 42.4/34

All: 2487.479+/-429.477 χ^2/NDF : 66.4/66

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: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2620.296 $\pm$ 0.540 χ^2 /NDF: 53024.3/14

Left: 2629.777 $\pm$ 0.381 χ^2 /NDF: 134079.5/30

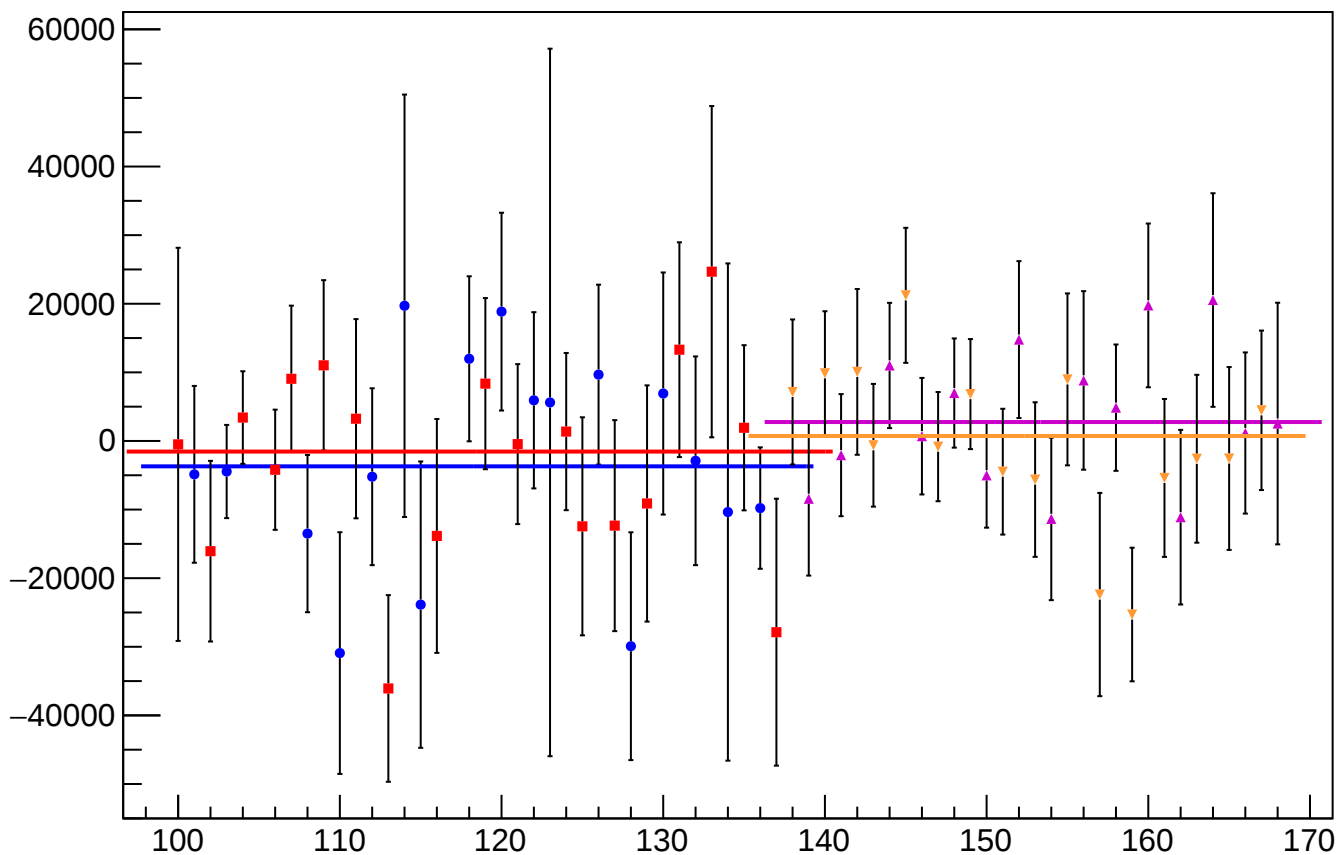
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2596.338 $\pm$ 0.430 χ^2 /NDF: 595059.7/31

Out: 2616.127 $\pm$ 0.429 χ^2 /NDF: 850626.9/34

All: 2606.271 $\pm$ 0.304 χ^2 /NDF: 1446748.3/66

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: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

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

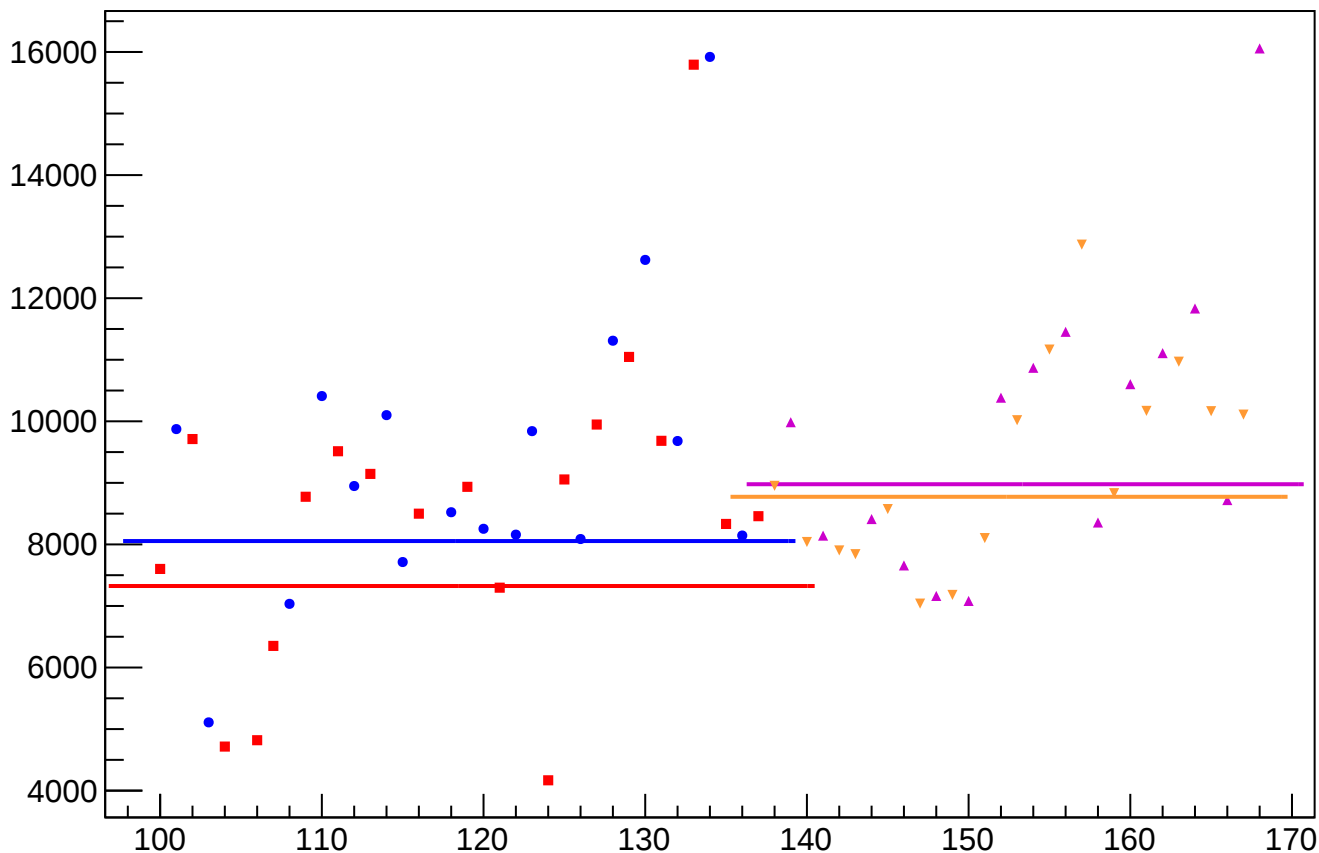
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: 119.248 $\pm$ 2057.142 χ^2/NDF : 27.0/31

Out: -276.270 $\pm$ 1925.009 χ^2/NDF : 35.3/34

All: -91.621 $\pm$ 1405.580 χ^2/NDF : 62.3/66

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: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 8977.854 $\pm$ 1.892 χ^2 /NDF: 964912.9/14

Left: 8871.910 $\pm$ 1.312 χ^2 /NDF: 1594611.5/30

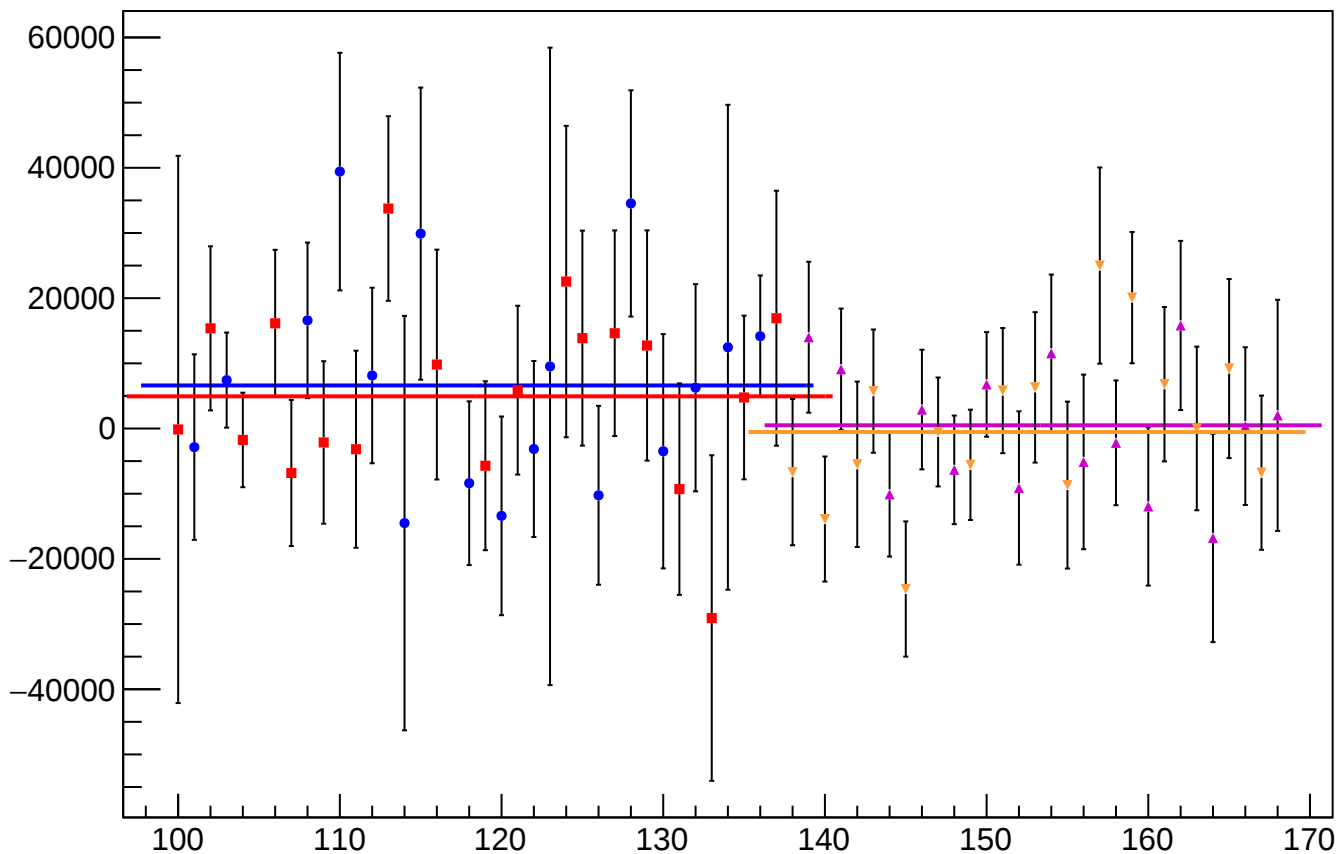
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8600.595 $\pm$ 1.455 χ^2 /NDF: 1882994.0/31

Out: 8133.649 $\pm$ 1.361 χ^2 /NDF: 2239377.1/34

All: 8351.645 $\pm$ 0.994 χ^2 /NDF: 4177310.0/66

asym_atr2_mean vs Slug, Sign Corrected



Left: -34.575 $\pm$ 1933.747 χ^2/NDF : 28.3/30

Right: 5715.122 $\pm$ 2316.410 χ^2/NDF : 28.4/35

In: 2952.530 $\pm$ 2153.158 χ^2/NDF : 26.8/31

Out: 1759.850 $\pm$ 2049.403 χ^2/NDF : 33.3/34

All: 2326.763 $\pm$ 1484.472 χ^2/NDF : 60.3/66

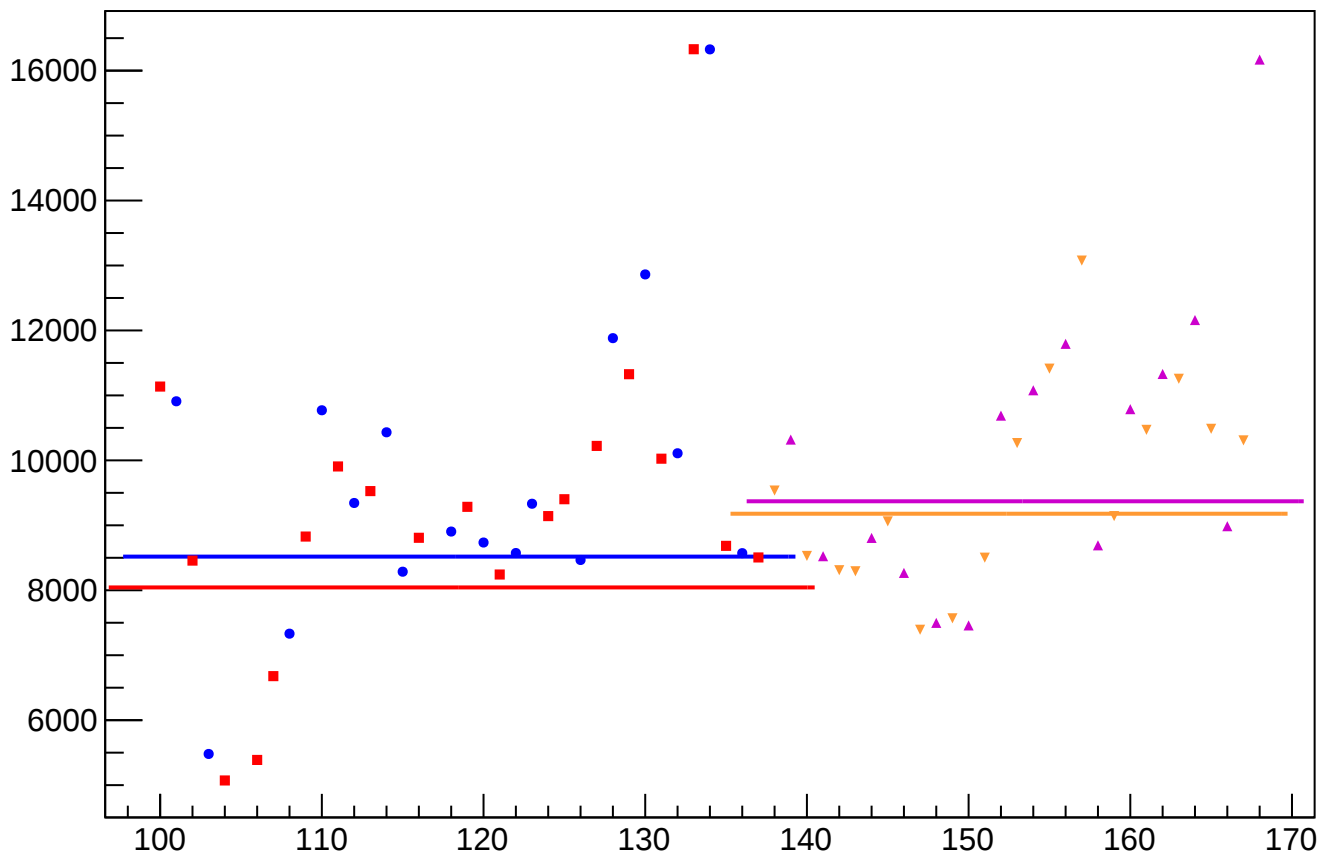
Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -528.334 $\pm$ 2687.618 χ^2/NDF : 18.0/15

Right Out: 4938.727 $\pm$ 3167.808 χ^2/NDF : 13.6/18

Left In: 495.391 $\pm$ 2784.413 χ^2/NDF : 10.2/14

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9178.372+/-1.900 χ^2/NDF : 539839.3/15

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9370.006+/-1.969 χ^2/NDF : 850974.4/14

Left: 9270.800+/-1.367 χ^2/NDF : 1395718.0/30

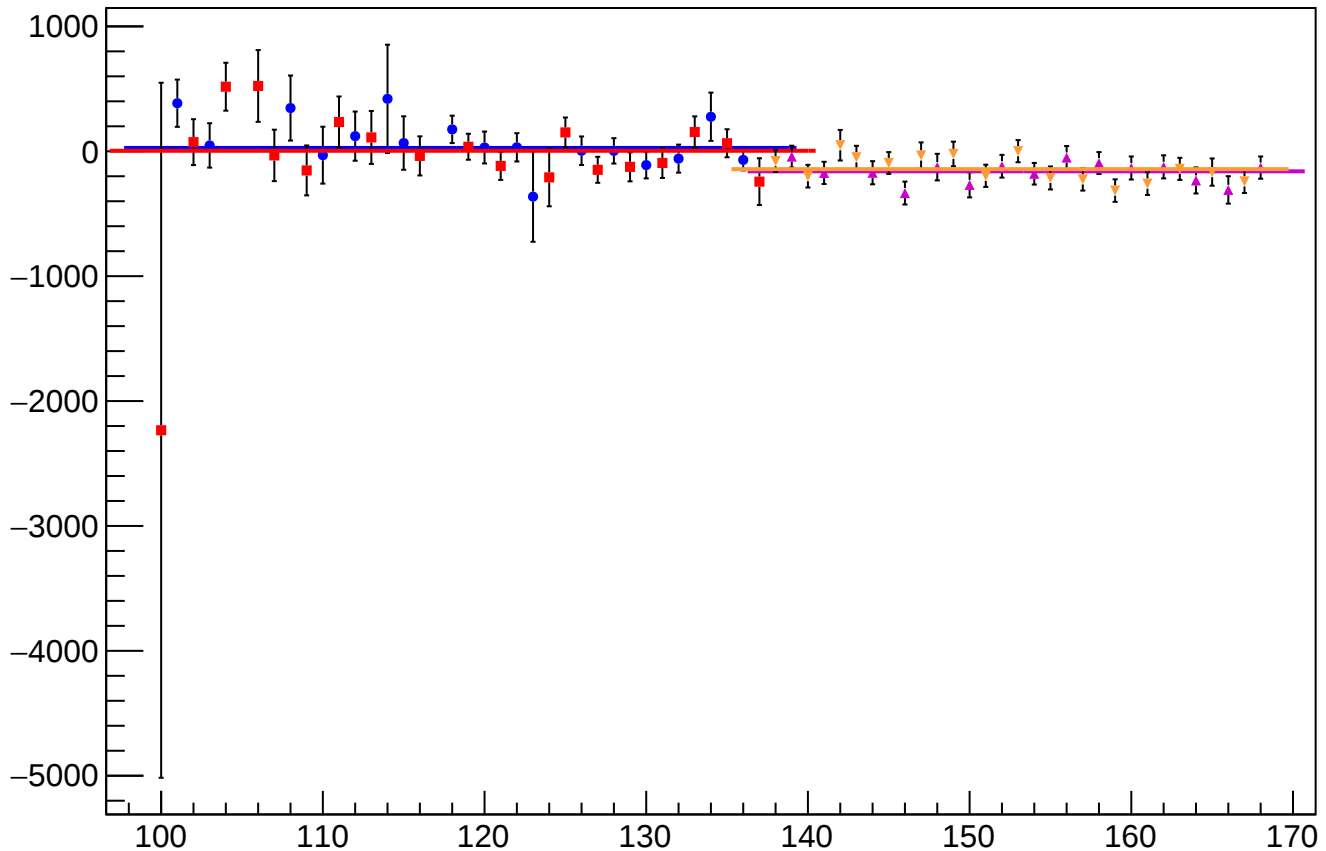
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9027.590+/-1.523 χ^2/NDF : 1698204.5/31

Out: 8703.469+/-1.449 χ^2/NDF : 1642605.6/34

All: 8857.530+/-1.050 χ^2/NDF : 3364588.7/66

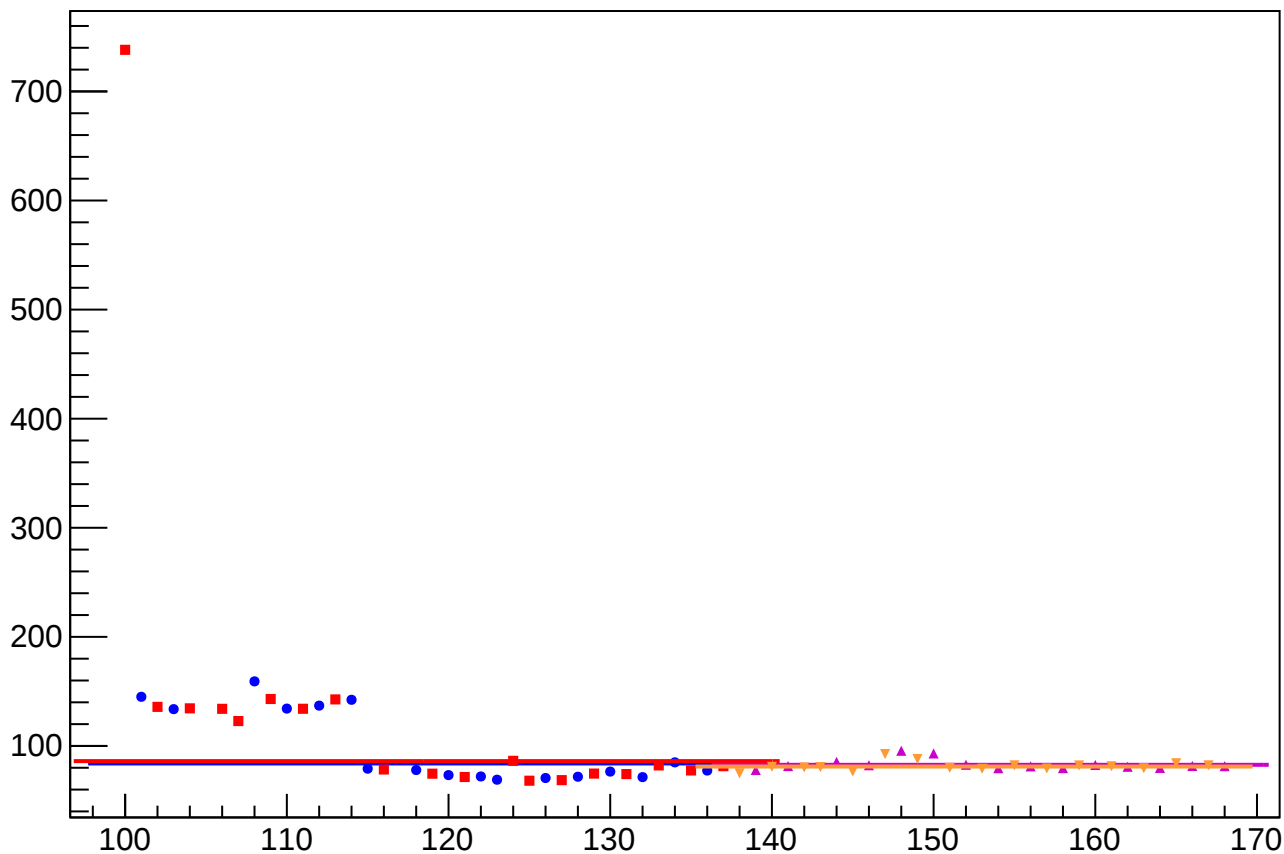
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -143.114 ± 23.382 $\chi^2/\text{NDF}: 18.2/15$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -160.532 ± 24.121 $\chi^2/\text{NDF}: 11.7/14$

Left: -151.552 ± 16.789 $\chi^2/\text{NDF}: 30.1/30$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -96.915 ± 19.600 $\chi^2/\text{NDF}: 46.7/31$
Out: -95.570 ± 19.237 $\chi^2/\text{NDF}: 55.6/34$
All: -96.230 ± 13.729 $\chi^2/\text{NDF}: 102.2/66$

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: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

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

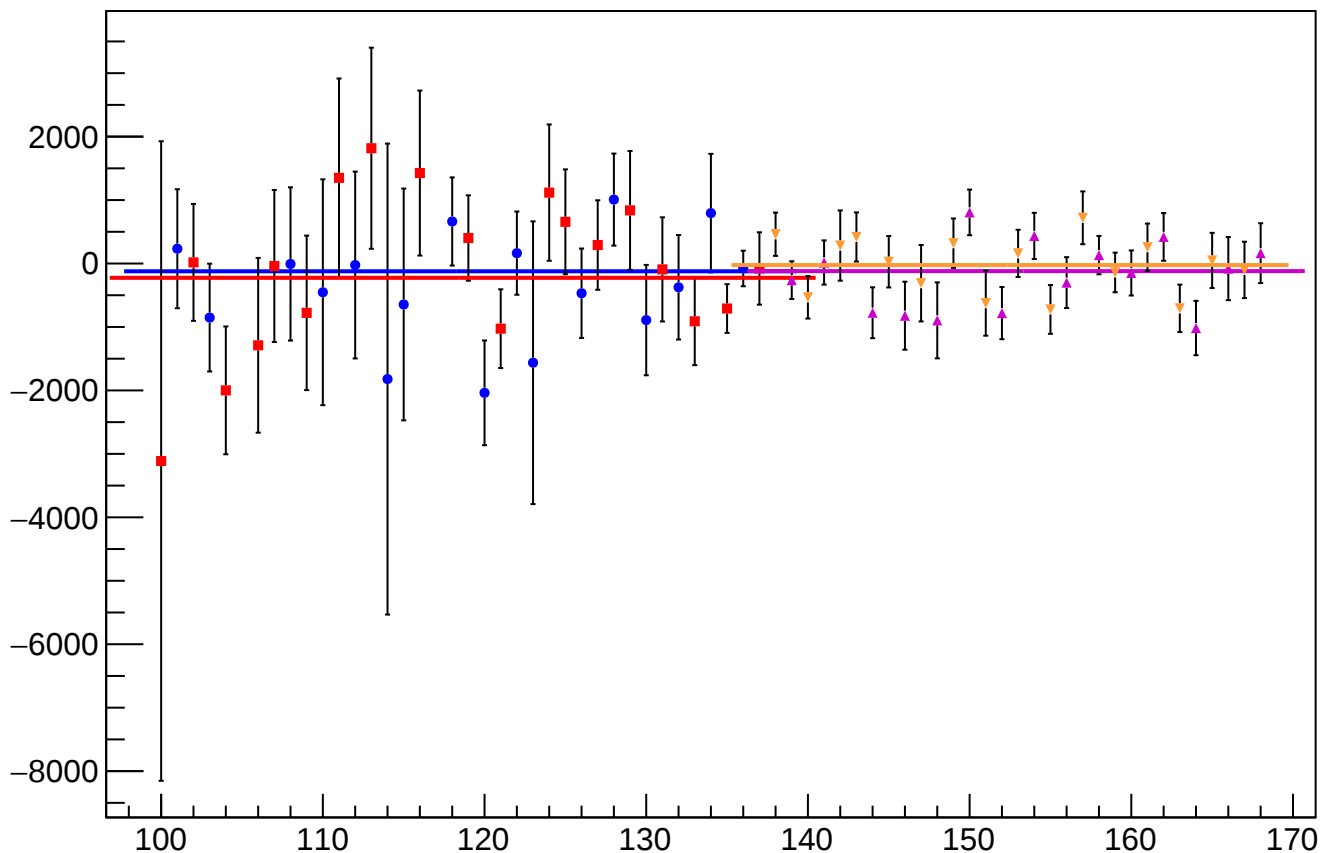
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.135 $\pm$ 0.014 χ^2 /NDF: 1029331.1/31

Out: 82.744 $\pm$ 0.014 χ^2 /NDF: 1220092.2/34

All: 82.936 $\pm$ 0.010 χ^2 /NDF: 2249828.6/66

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: -225.420+/-184.973 χ^2 /NDF: 18.3/18

Left In: -119.728+/-100.303 χ^2 /NDF:25.7/14

Left: -71.505+/-70.564 χ^2 /NDF: 45.3/30

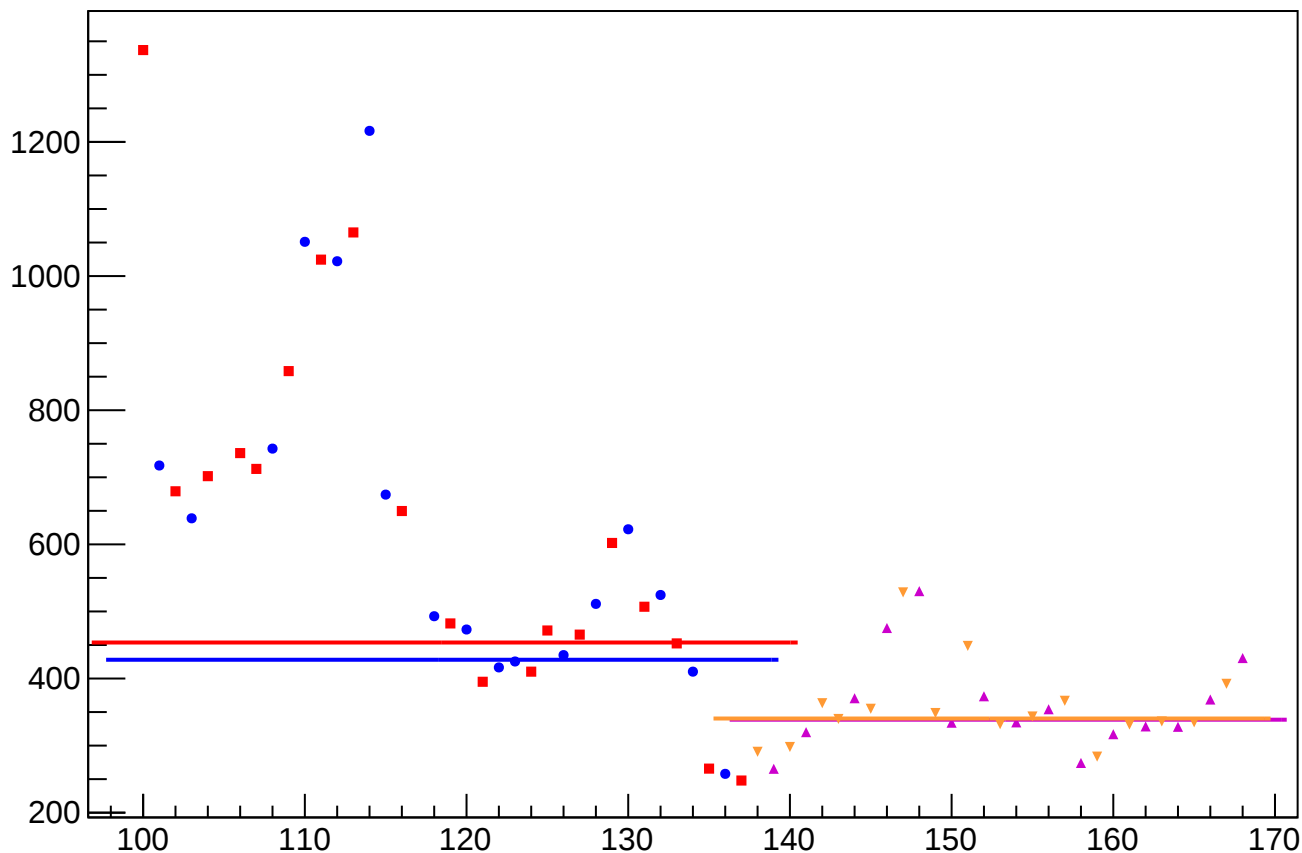
Right: -172.394+/-128.849 χ^2 /NDF: 31.5/35

In: -120.366+/-87.570 χ^2 /NDF:38.7/31

Out: -69.249+/-87.484 χ^2 /NDF:38.4/34

All: -94.782+/-61.891 χ^2 /NDF: 77.4/66

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: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 338.609+/-0.071 χ^2/NDF : 676694.3/14

Left: 339.502+/-0.050 χ^2/NDF : 1146297.8/30

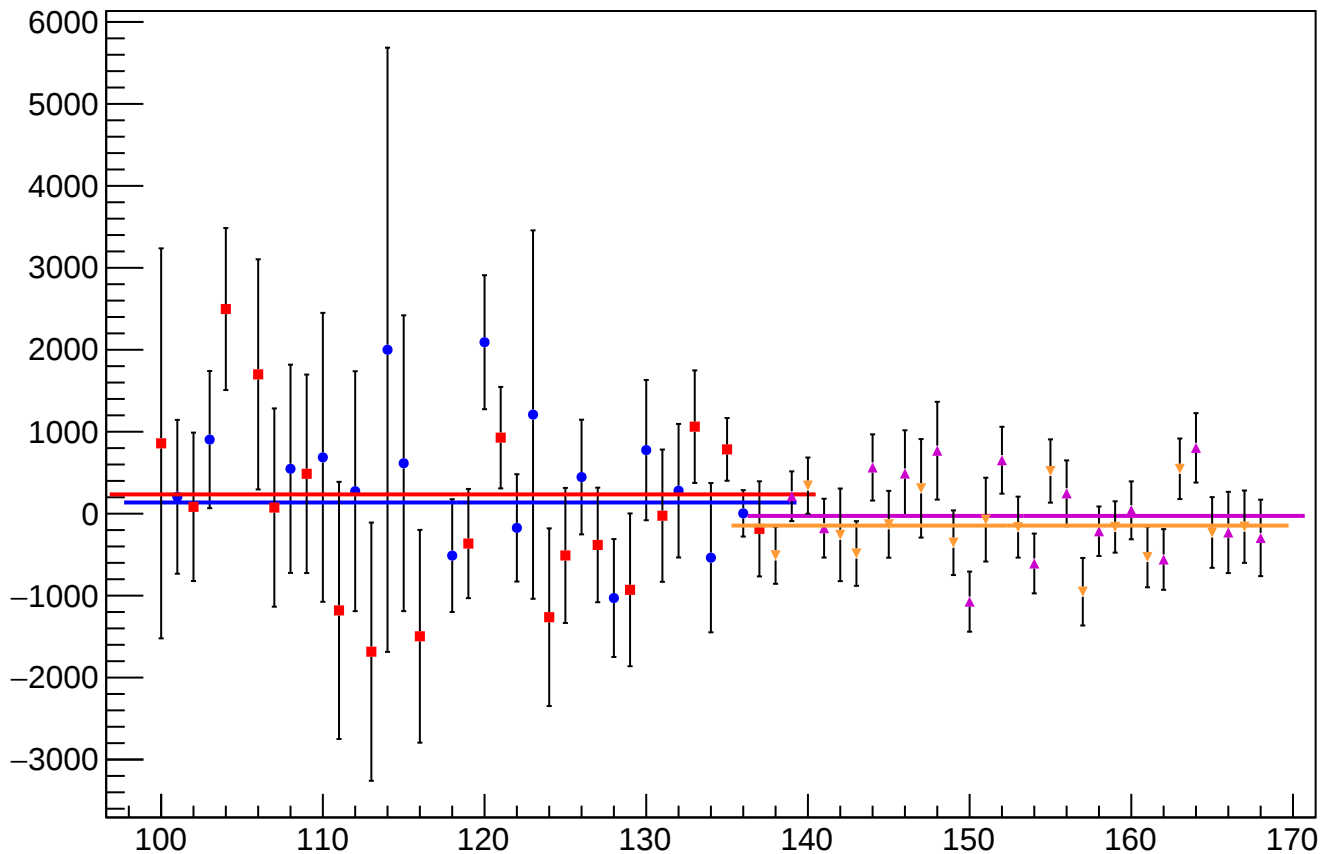
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 359.860+/-0.062 χ^2/NDF : 3116522.9/31

Out: 365.726+/-0.062 χ^2/NDF : 3186576.4/34

All: 362.796+/-0.044 χ^2/NDF : 6307590.0/66

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: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -27.183 $\pm$ 100.599 χ^2 /NDF:26.4/14

Left: -86.731 $\pm$ 70.819 χ^2 /NDF: 43.3/30

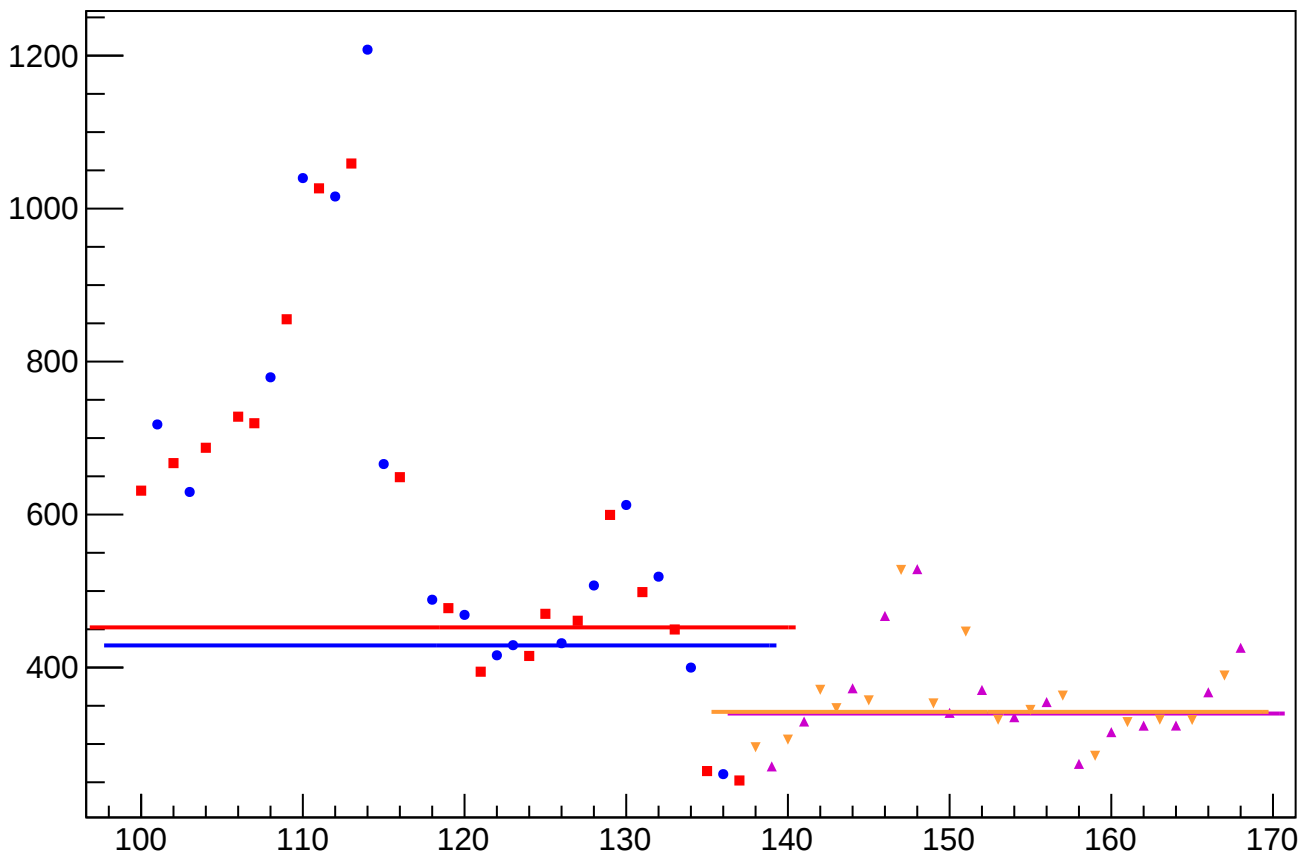
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 11.978 $\pm$ 87.769 χ^2 /NDF:39.7/31

Out: -58.862 $\pm$ 87.670 χ^2 /NDF:41.4/34

All: -23.482 $\pm$ 62.027 χ^2 /NDF: 81.3/66

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 342.045 $\pm$ 0.071 χ^2 /NDF: 445392.8/15

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 339.853 $\pm$ 0.071 χ^2 /NDF: 635559.0/14

Left: 340.959 $\pm$ 0.050 χ^2 /NDF: 1081431.0/30

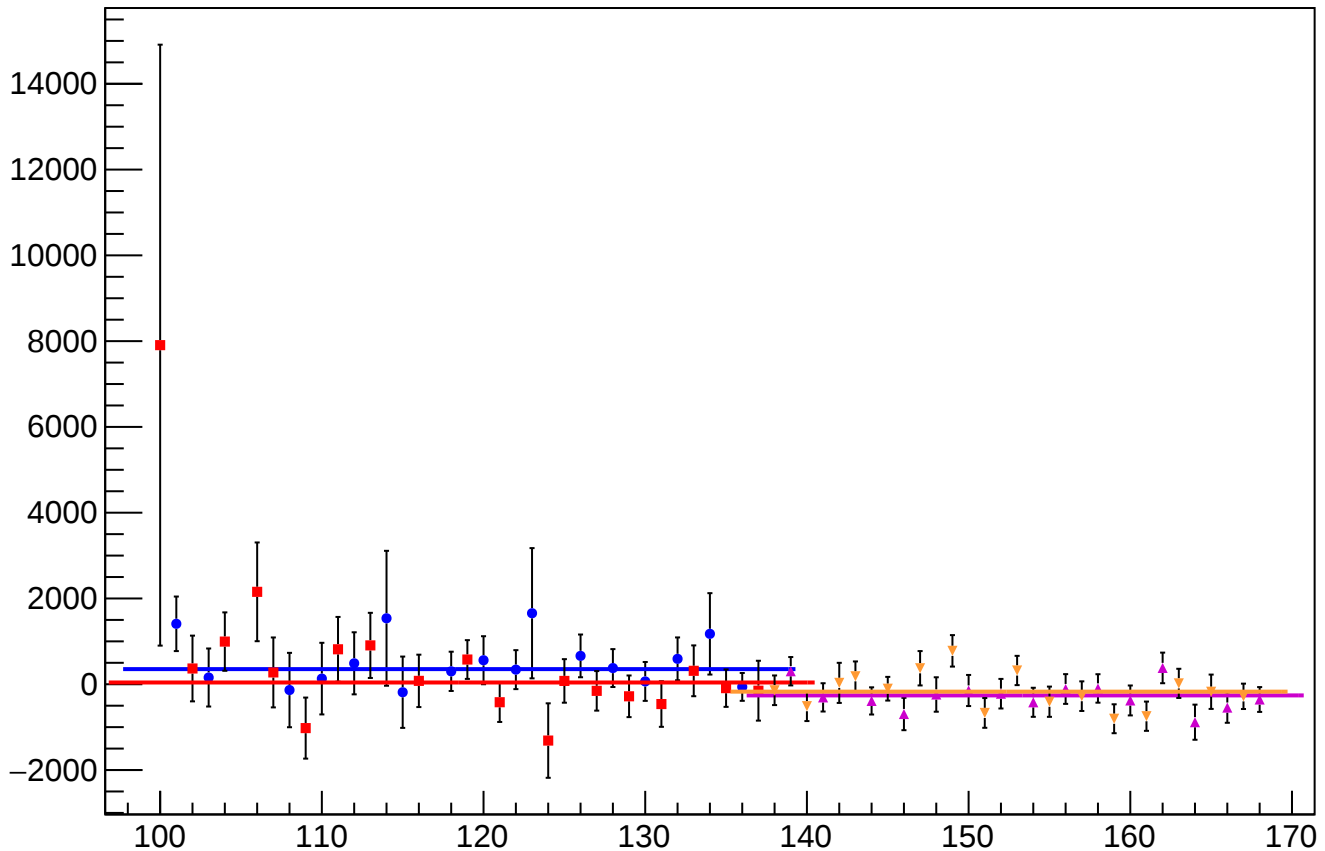
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 361.114 $\pm$ 0.062 χ^2 /NDF: 3020273.5/31

Out: 367.111 $\pm$ 0.062 χ^2 /NDF: 3044345.6/34

All: 364.116 $\pm$ 0.044 χ^2 /NDF: 6069292.2/66

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -172.401 ± 86.581 $\chi^2/\text{NDF}: 22.3/15$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -260.159 ± 89.238 $\chi^2/\text{NDF}: 11.6/14$

Left: -214.954 ± 62.140 $\chi^2/\text{NDF}: 34.4/30$

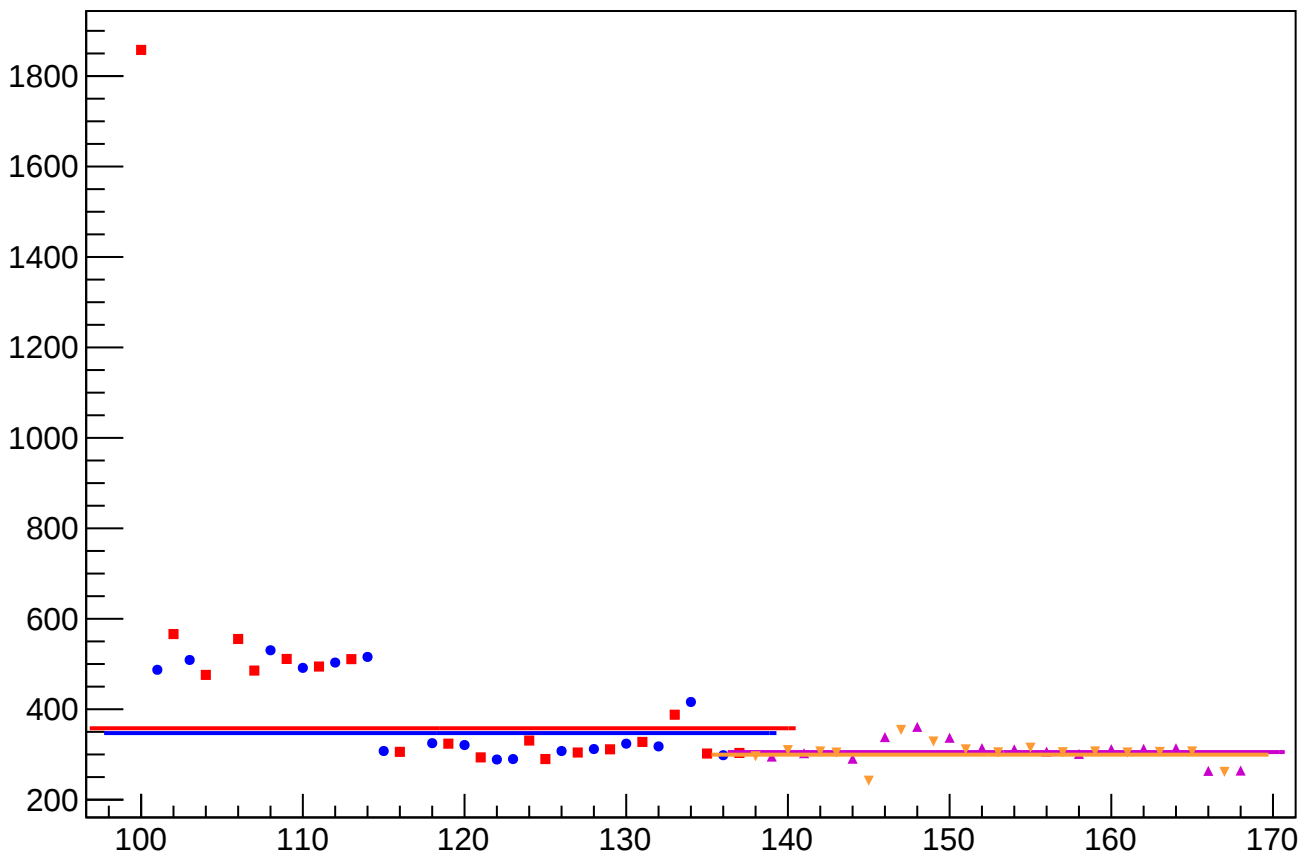
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -78.080 ± 74.823 $\chi^2/\text{NDF}: 34.1/31$

Out: -112.724 ± 73.490 $\chi^2/\text{NDF}: 42.2/34$

All: -95.713 ± 52.430 $\chi^2/\text{NDF}: 76.5/66$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 +/- 0.097 χ^2/NDF : 618906.8/16

Left Out: 299.575 +/- 0.061 χ^2/NDF : 182166.7/15

Right Out: 357.955 +/- 0.098 χ^2/NDF : 851646.4/18

Left In: 305.322 +/- 0.063 χ^2/NDF : 147657.9/14

Left: 302.361 +/- 0.044 χ^2/NDF : 334097.1/30

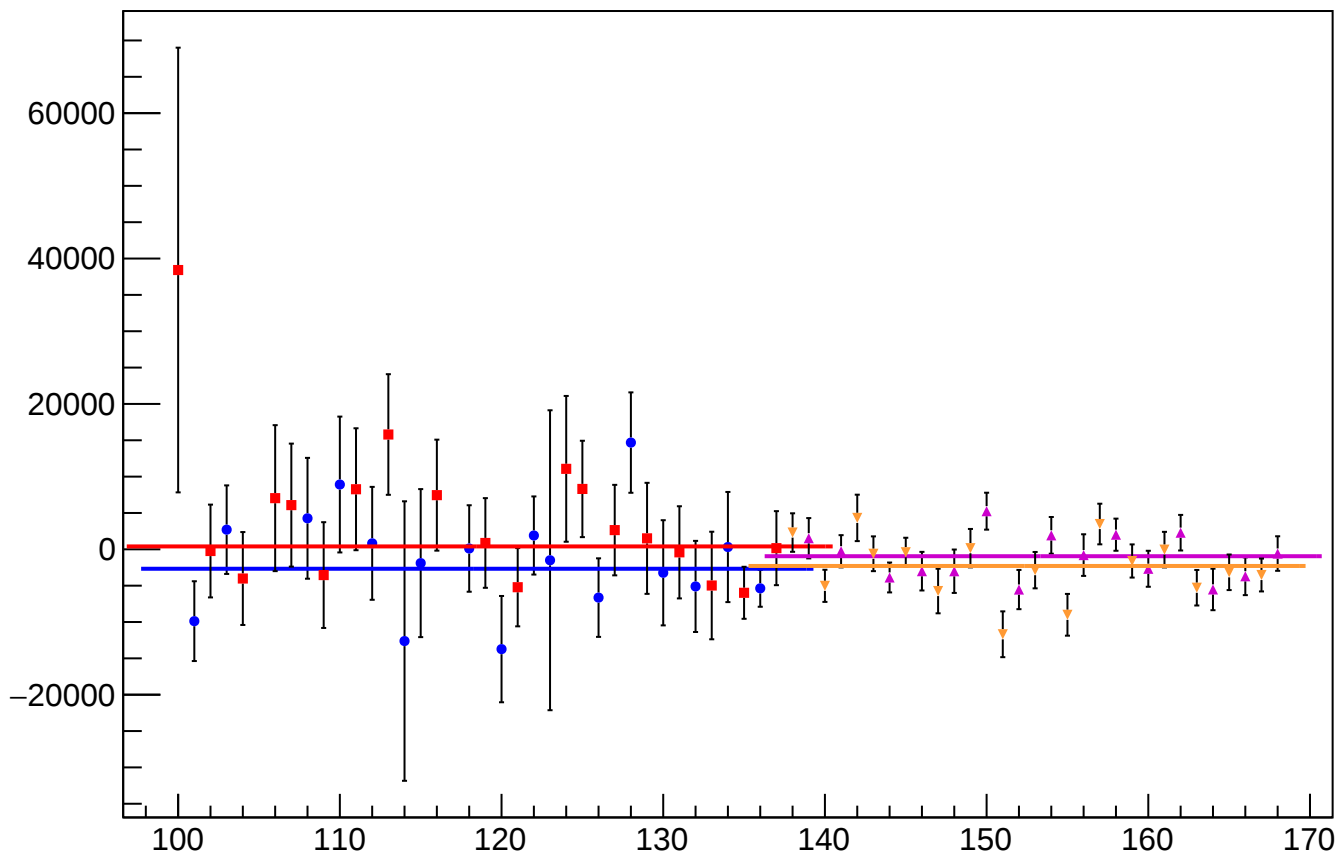
Right: 352.552 +/- 0.069 χ^2/NDF : 1476524.8/35

In: 317.783 +/- 0.053 χ^2/NDF : 897873.9/31

Out: 315.895 +/- 0.052 χ^2/NDF : 1288009.4/34

All: 316.822 +/- 0.037 χ^2/NDF : 2186531.4/66

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: 398.443 $\pm$ 1515.968 χ^2/NDF : 15.9/18

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

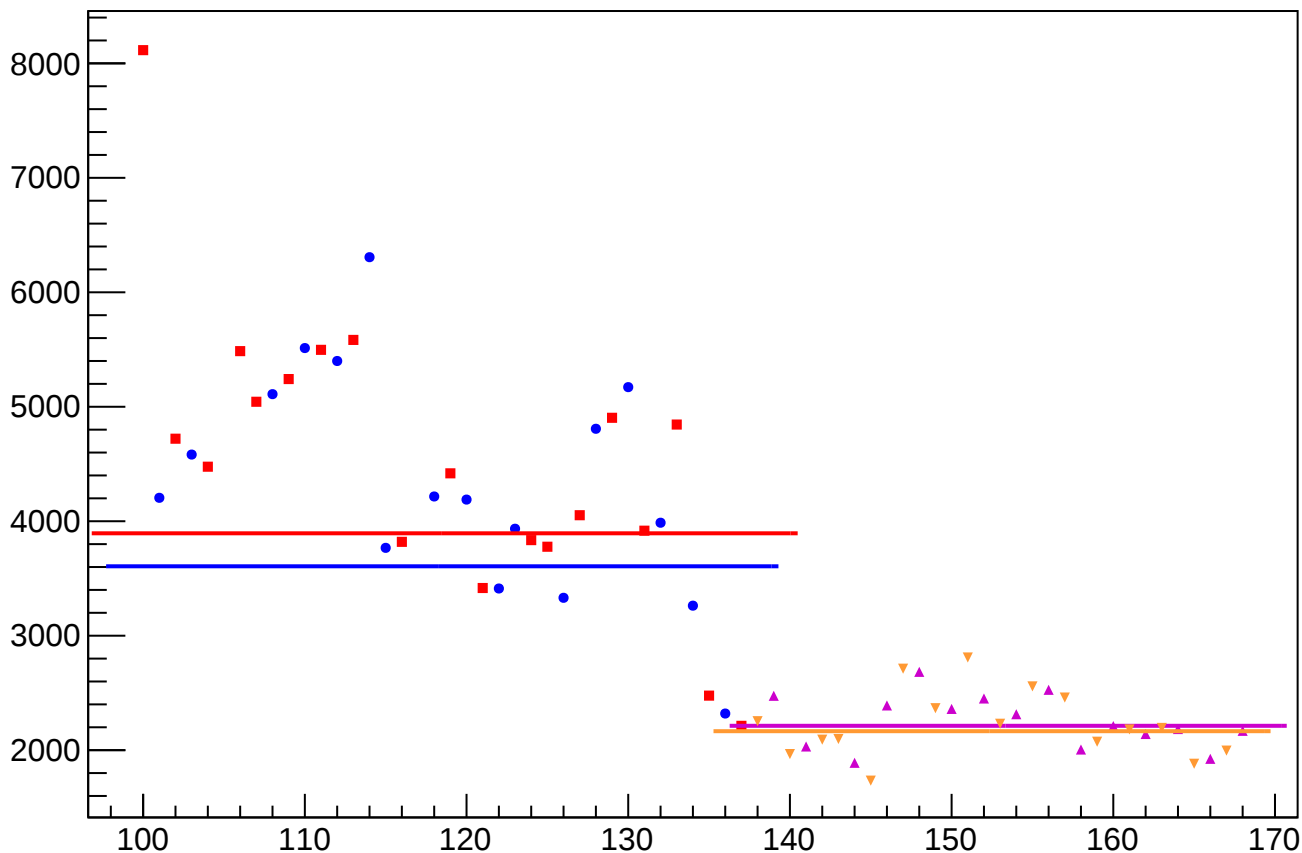
Right: -1199.564 $\pm$ 1050.178 χ^2/NDF : 34.8/35

In: -1233.414 $\pm$ 592.311 χ^2/NDF : 39.8/31

Out: -1894.585 $\pm$ 581.667 χ^2/NDF : 52.5/34

All: -1569.993 $\pm$ 415.013 χ^2/NDF : 92.9/66

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2165.800 $\pm$ 0.445 χ^2/NDF : 376083.2/15

Right Out: 3894.596 $\pm$ 1.072 χ^2/NDF : 1032752.3/18

Left In: 2212.909 $\pm$ 0.458 χ^2/NDF : 234082.5/14

Left: 2188.673 $\pm$ 0.319 χ^2/NDF : 615597.5/30

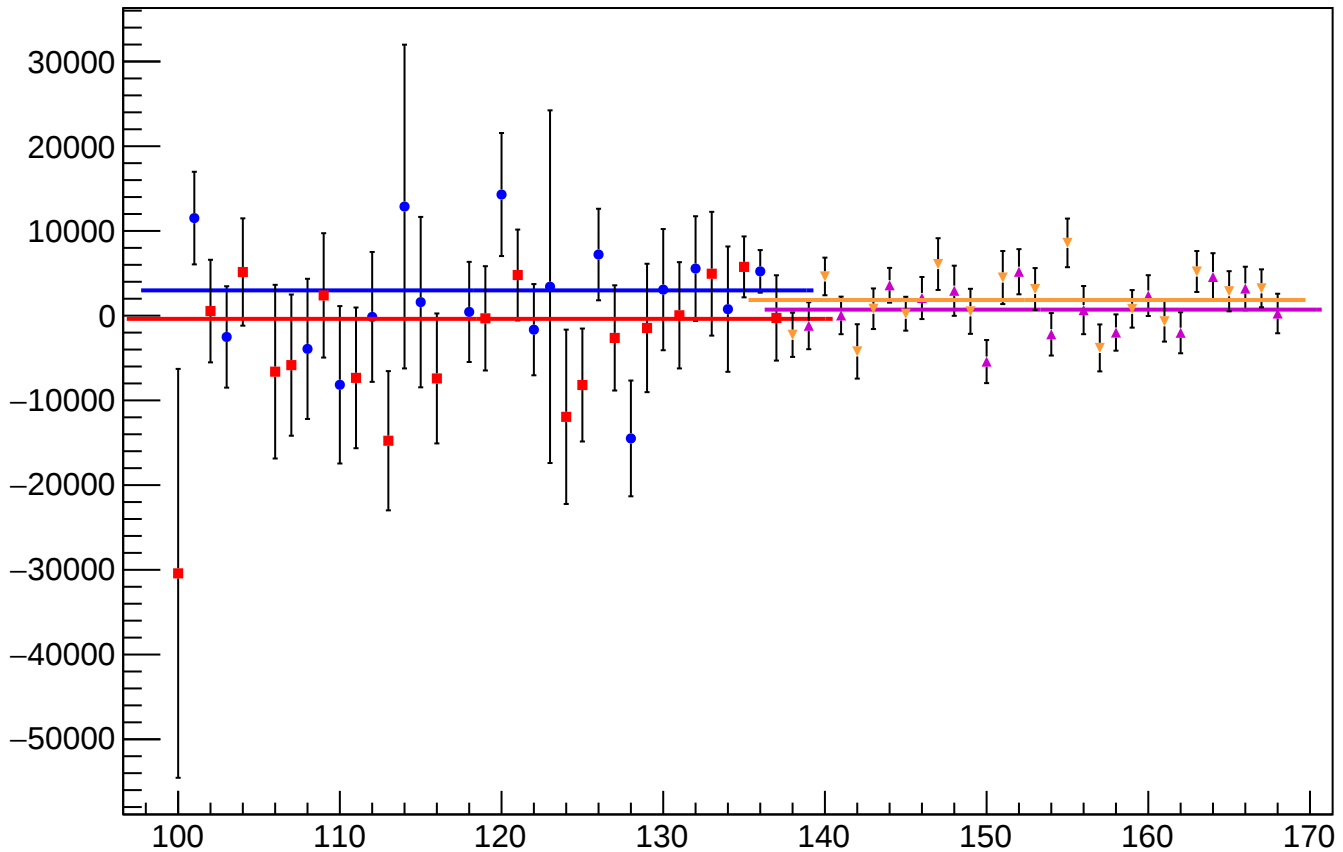
Right: 3744.683 $\pm$ 0.743 χ^2/NDF : 2162873.5/35

In: 2443.454 $\pm$ 0.419 χ^2/NDF : 2854978.4/31

Out: 2420.315 $\pm$ 0.411 χ^2/NDF : 3626899.9/34

All: 2431.675 $\pm$ 0.293 χ^2/NDF : 6483432.1/60

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1848.952 $\pm$ 624.734 χ^2 /NDF:25.1/15

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 711.876 $\pm$ 639.012 χ^2 /NDF:19.6/14

Left: 1293.259 $\pm$ 446.716 χ^2 /NDF: 46.3/30

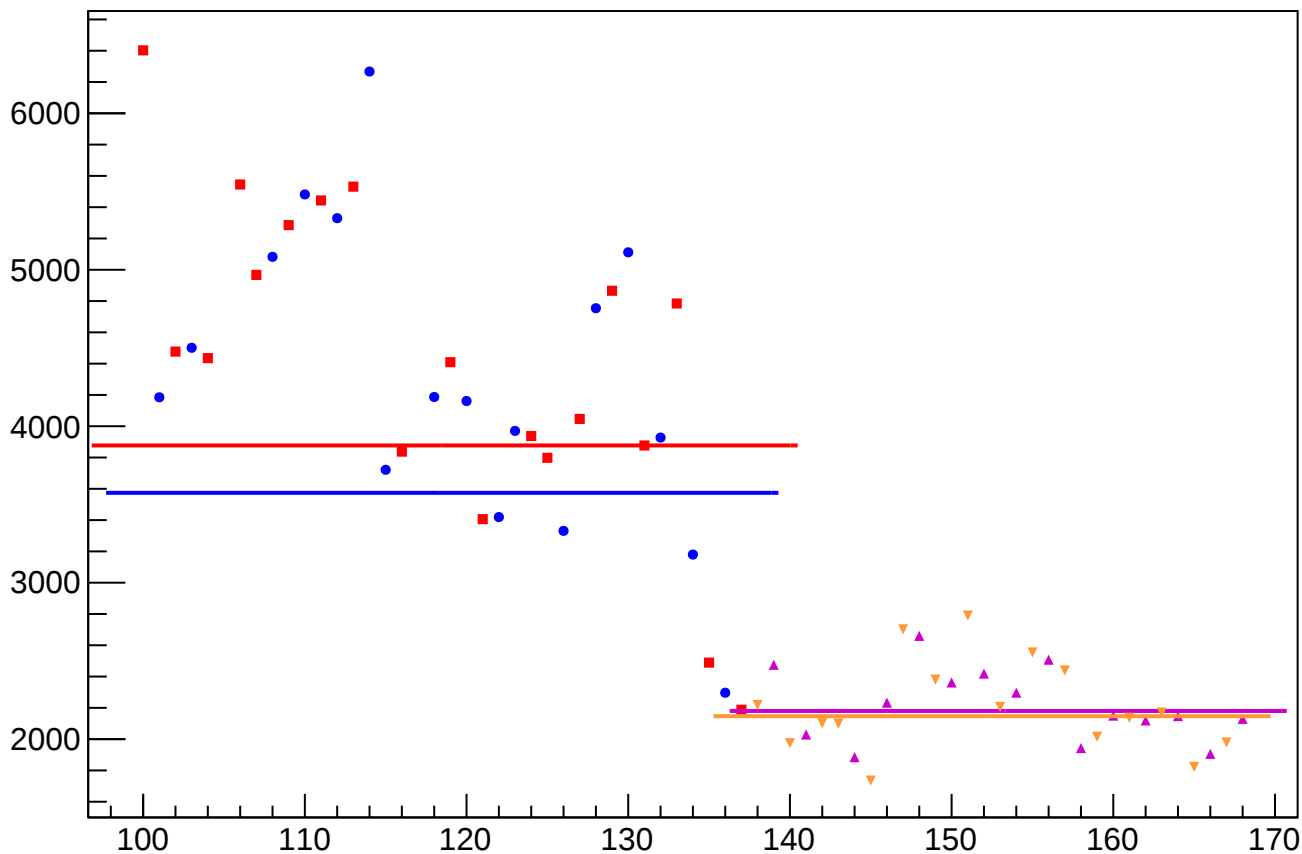
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1084.059 $\pm$ 584.326 χ^2 /NDF:39.1/31

Out: 1522.601 $\pm$ 577.132 χ^2 /NDF:42.0/34

All: 1306.047 $\pm$ 410.614 χ^2 /NDF: 81.4/66

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: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

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

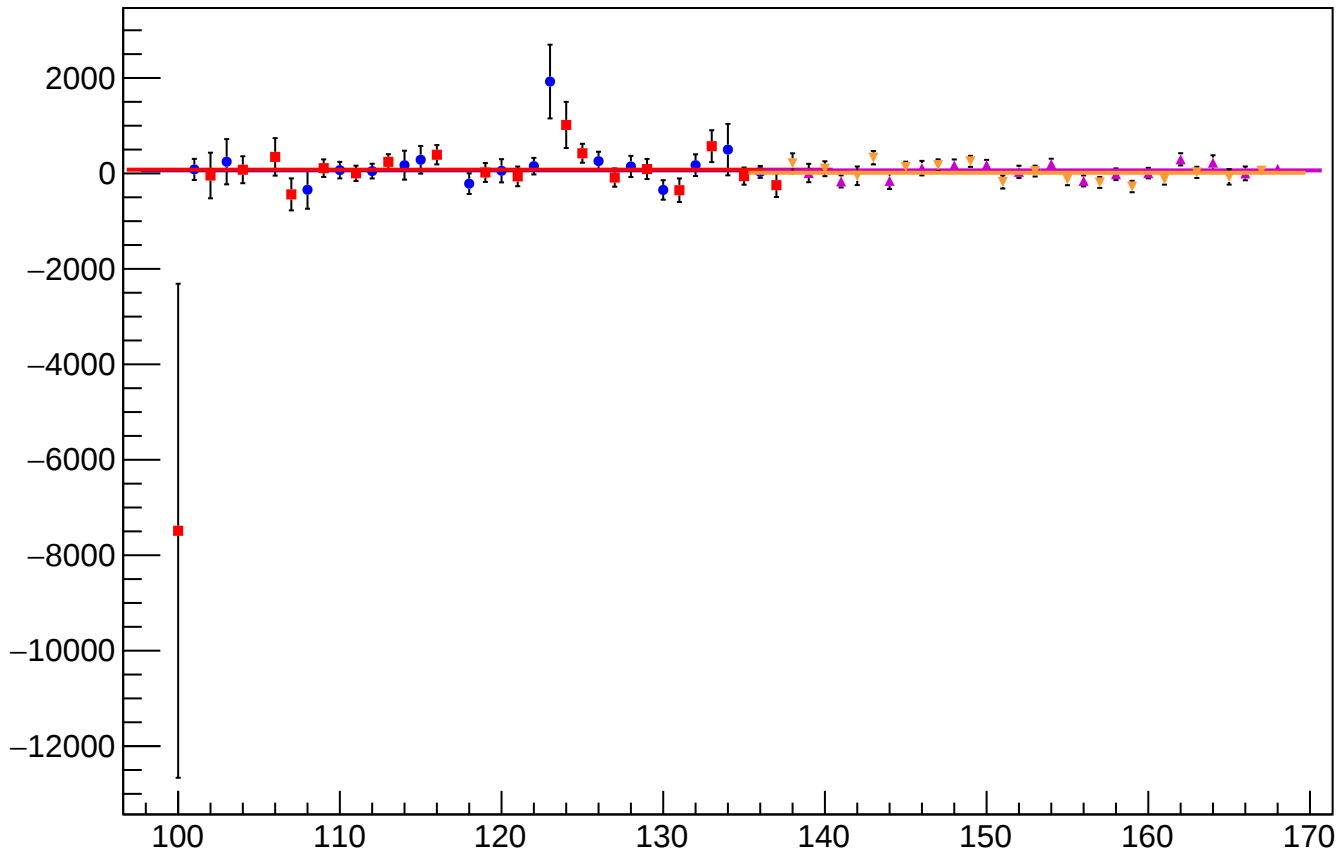
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2408.460 $\pm$ 0.413 χ^2/NDF : 2885764.2/31

Out: 2400.377 $\pm$ 0.408 χ^2/NDF : 3624488.2/34

All: 2404.368 $\pm$ 0.290 χ^2/NDF : 6510446.1/60

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 13.899+/-31.522 χ^2/NDF : 27.7/15

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 63.845+/-32.128 χ^2/NDF : 17.5/14

Left: 38.397+/-22.501 χ^2/NDF : 46.3/30

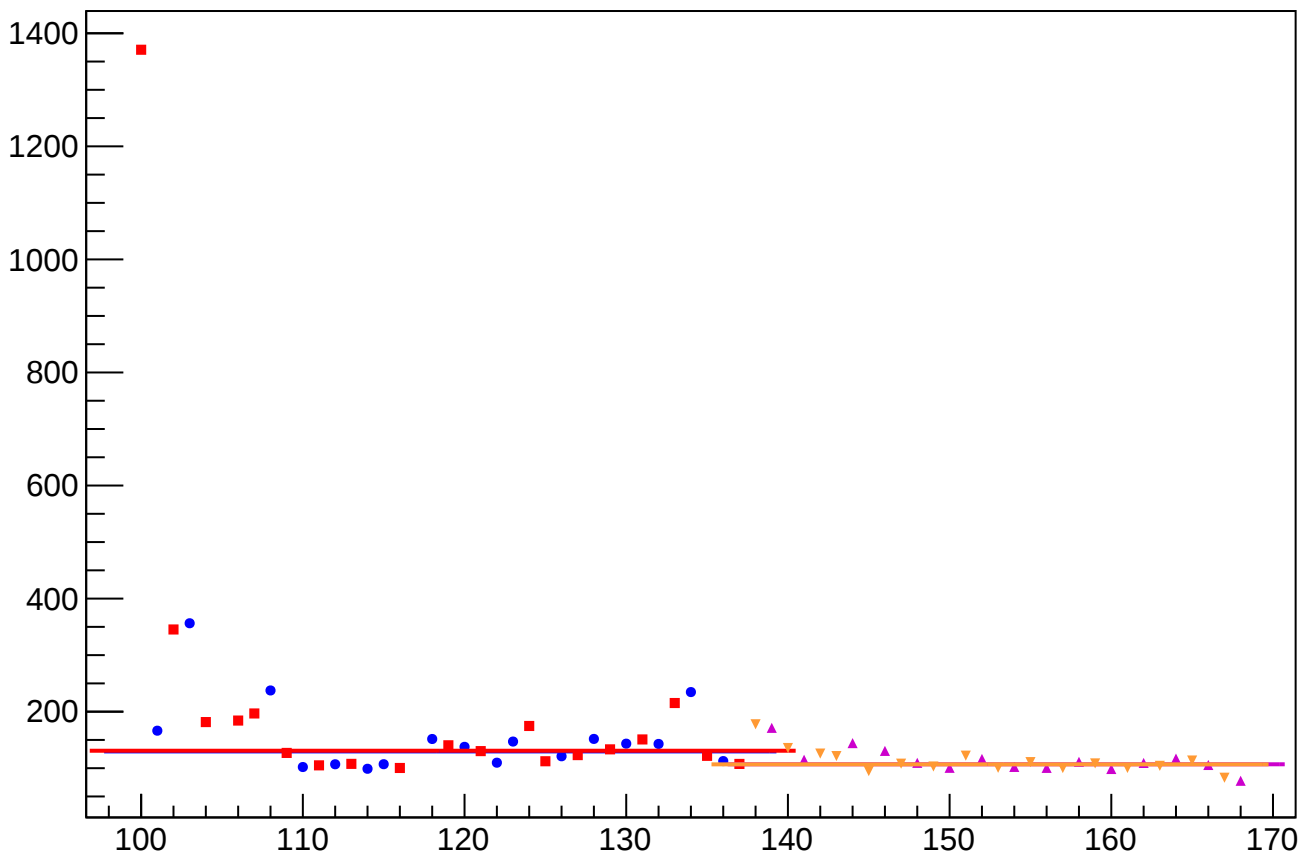
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 64.219+/-27.432 χ^2/NDF : 33.2/31

Out: 31.147+/-27.003 χ^2/NDF : 53.1/34

All: 47.422+/-19.244 χ^2/NDF : 87.0/66

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 106.798 $\pm$ 0.022 χ^2 /NDF: 539975.8/15

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 106.923 $\pm$ 0.023 χ^2 /NDF: 658712.0/14

Left: 106.859 $\pm$ 0.016 χ^2 /NDF: 1198703.2/30

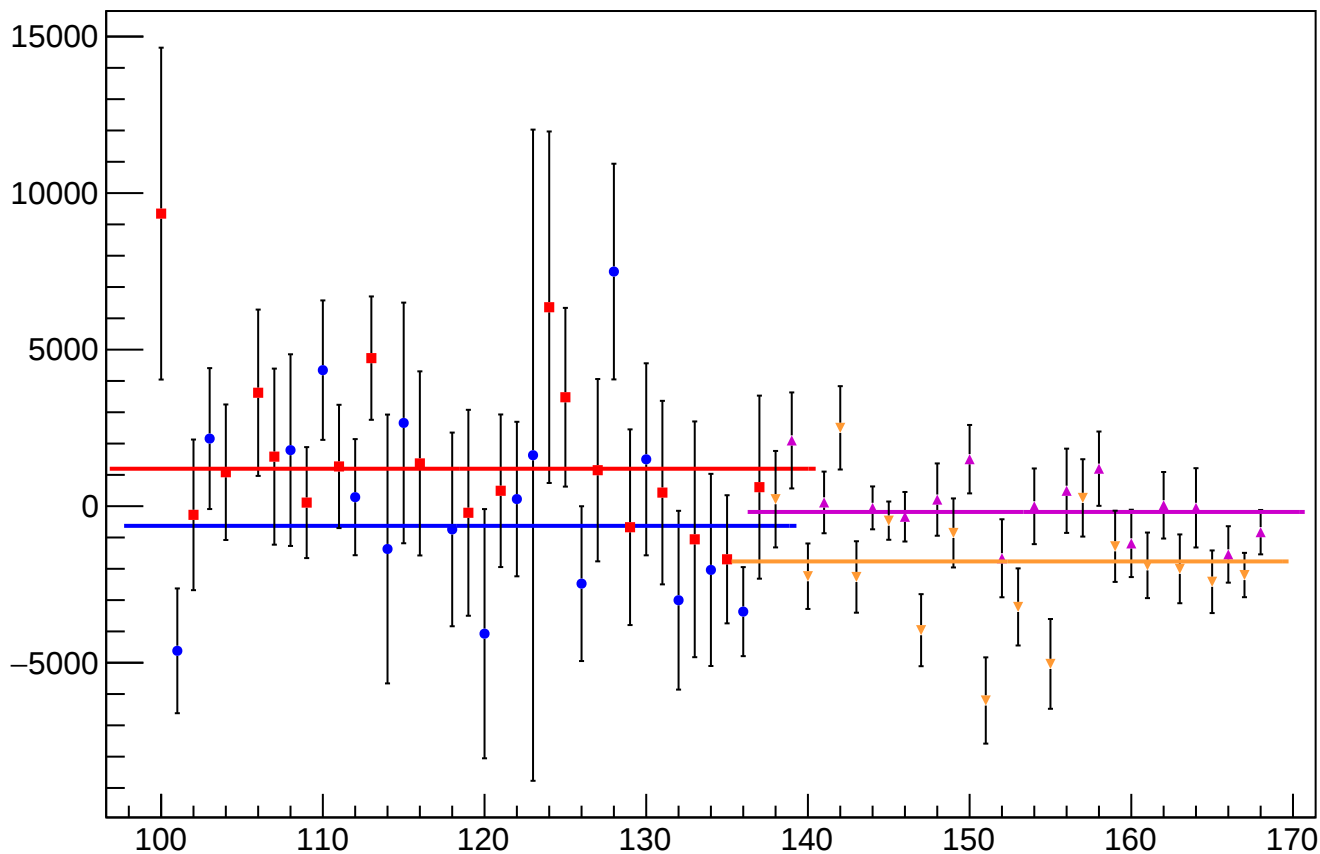
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 113.094 $\pm$ 0.019 χ^2 /NDF: 1920674.2/31

Out: 113.207 $\pm$ 0.019 χ^2 /NDF: 1892943.7/34

All: 113.151 $\pm$ 0.014 χ^2 /NDF: 3813635.3/66

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1764.488 ± 260.278 $\chi^2/\text{NDF}: 41.9/15$

Right Out: 1196.185 ± 595.685 $\chi^2/\text{NDF}: 11.8/18$

Left In: -184.288 ± 258.543 $\chi^2/\text{NDF}: 11.9/14$

Left: -969.105 ± 183.428 $\chi^2/\text{NDF}: 72.4/30$

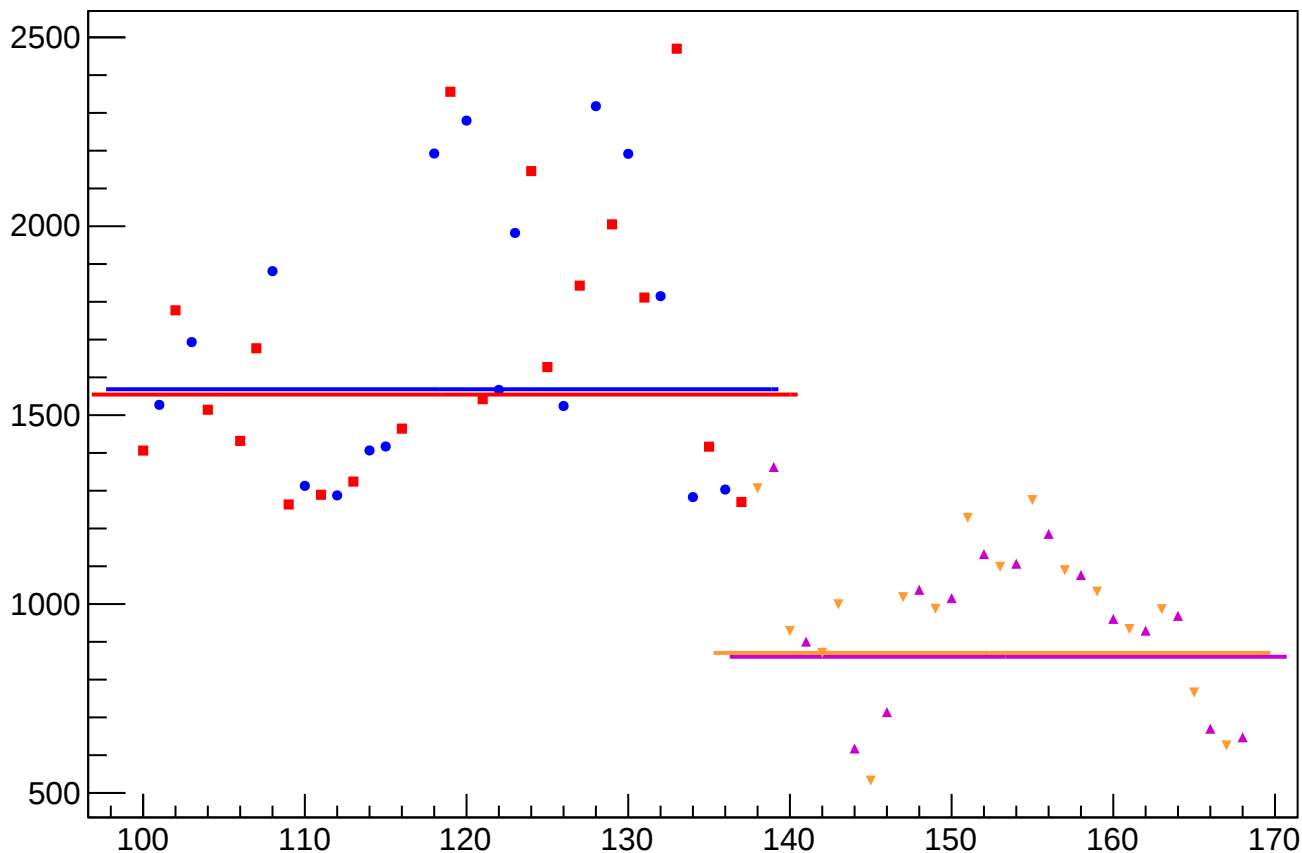
Right: 322.661 ± 430.045 $\chi^2/\text{NDF}: 40.5/35$

In: -249.775 ± 238.711 $\chi^2/\text{NDF}: 36.7/31$

Out: -1289.863 ± 238.504 $\chi^2/\text{NDF}: 74.4/34$

All: -770.269 ± 168.721 $\chi^2/\text{NDF}: 120.6/66$

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: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 860.519+/-0.183 χ^2/NDF : 1297713.8/14

Left: 865.586+/-0.130 χ^2/NDF : 2914743.7/30

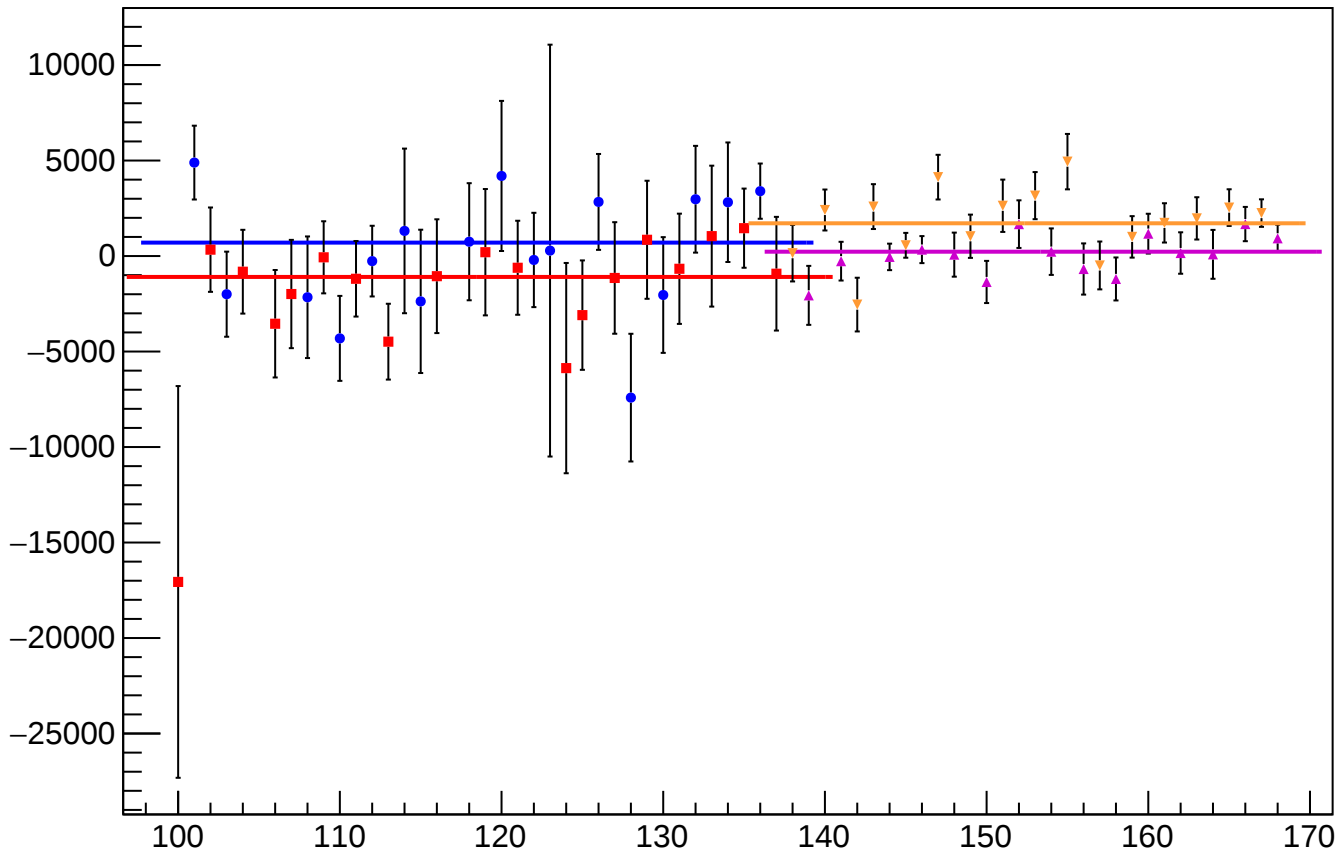
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 964.965+/-0.169 χ^2/NDF : 4044314.0/31

Out: 980.342+/-0.169 χ^2/NDF : 4340522.5/34

All: 972.660+/-0.119 χ^2/NDF : 8388989.6/66

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1714.625 $\pm$ 263.928 χ^2 /NDF:30.7/15

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: 226.960 $\pm$ 255.719 χ^2 /NDF:12.5/14

Left: 947.299 $\pm$ 183.654 χ^2 /NDF: 59.6/30

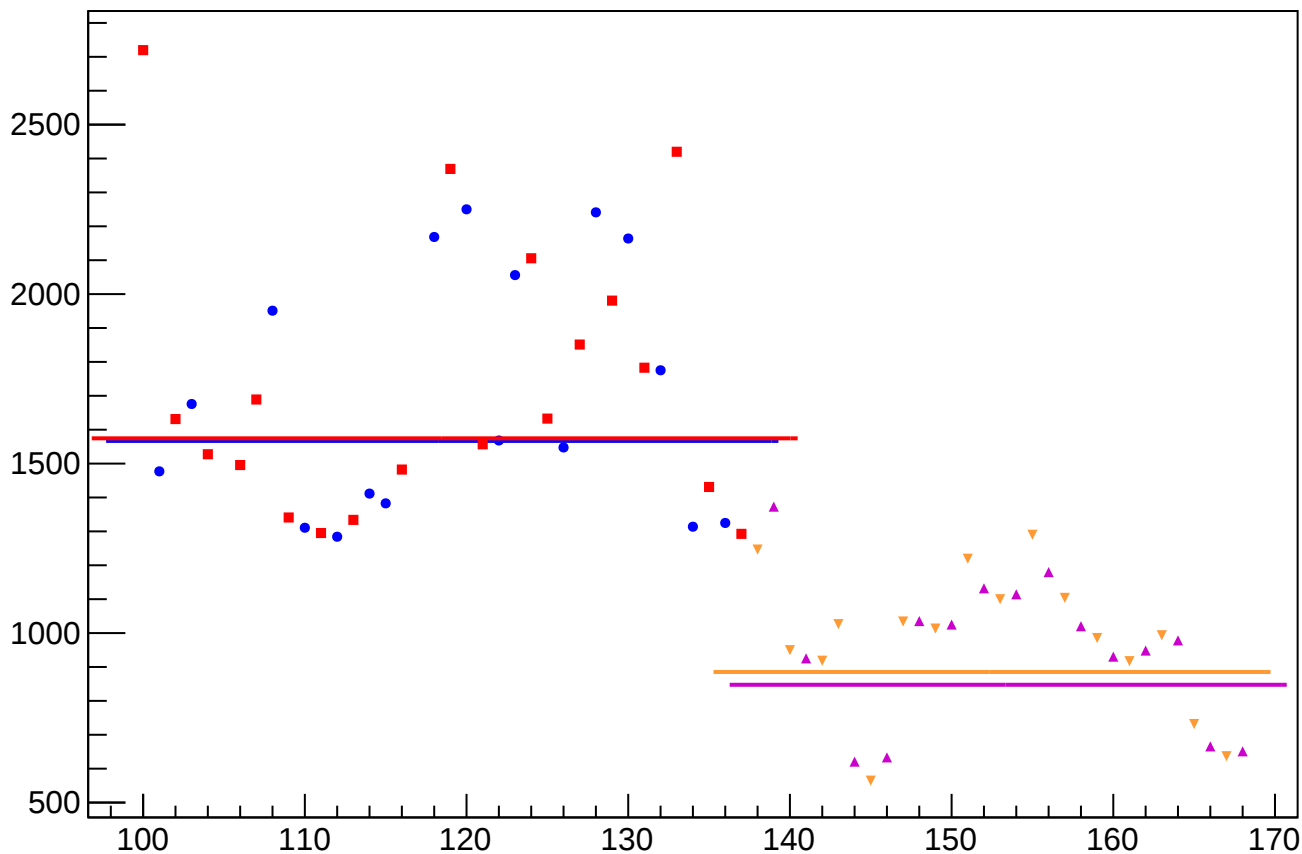
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 296.059 $\pm$ 236.435 χ^2 /NDF:39.0/31

Out: 1263.350 $\pm$ 241.796 χ^2 /NDF:59.5/34

All: 768.864 $\pm$ 169.048 χ^2 /NDF: 106.7/66

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: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 847.472 $\pm$ 0.181 χ^2 /NDF: 1400511.3/14

Left: 865.742 $\pm$ 0.130 χ^2 /NDF: 2845394.1/30

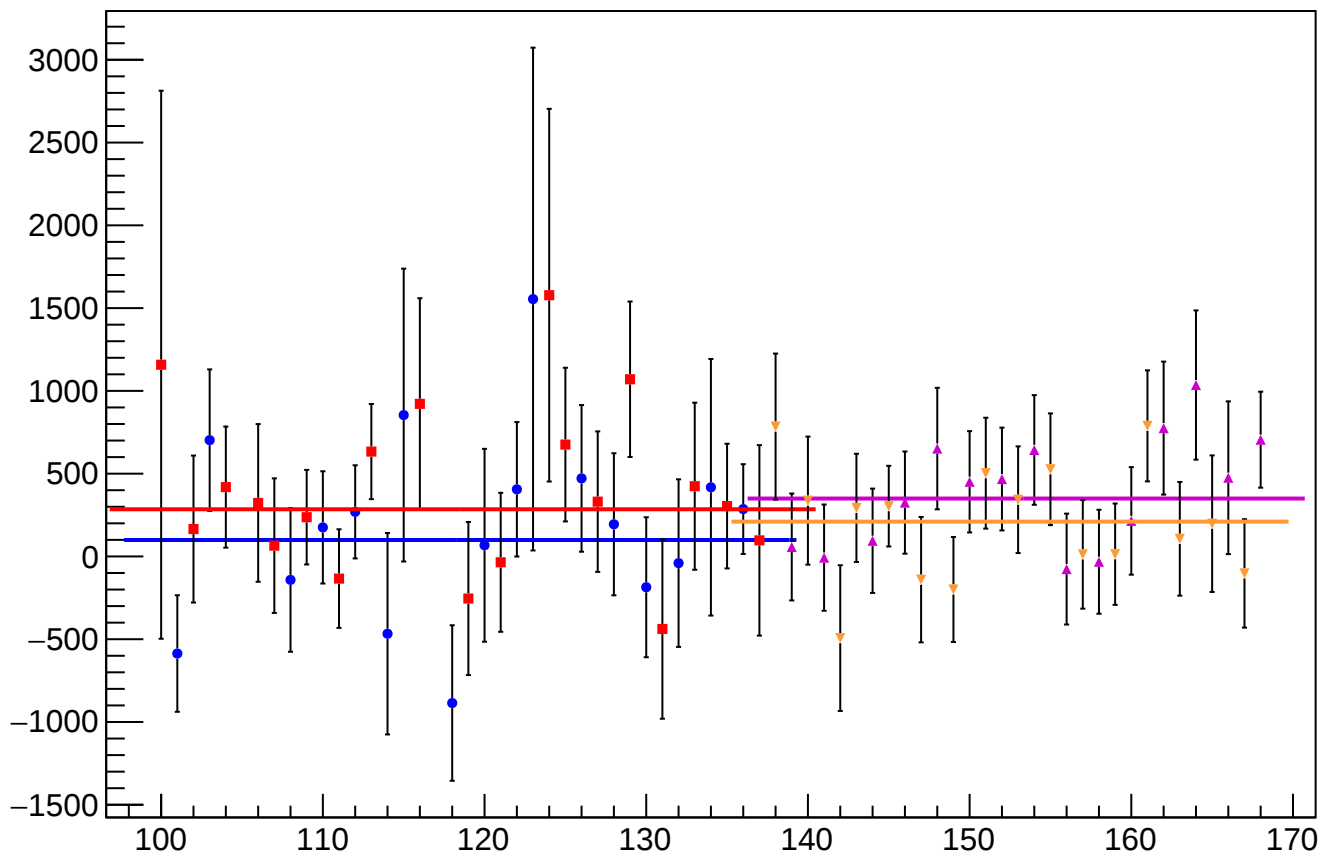
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 951.892 $\pm$ 0.167 χ^2 /NDF: 4198074.6/31

Out: 995.966 $\pm$ 0.171 χ^2 /NDF: 4080236.9/34

All: 973.435 $\pm$ 0.120 χ^2 /NDF: 8312281.4/66

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 210.231 $\pm$ 84.509 χ^2 /NDF:13.7/15

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 349.728 $\pm$ 86.480 χ^2 /NDF:12.7/14

Left: 278.372 $\pm$ 60.442 χ^2 /NDF: 27.7/30

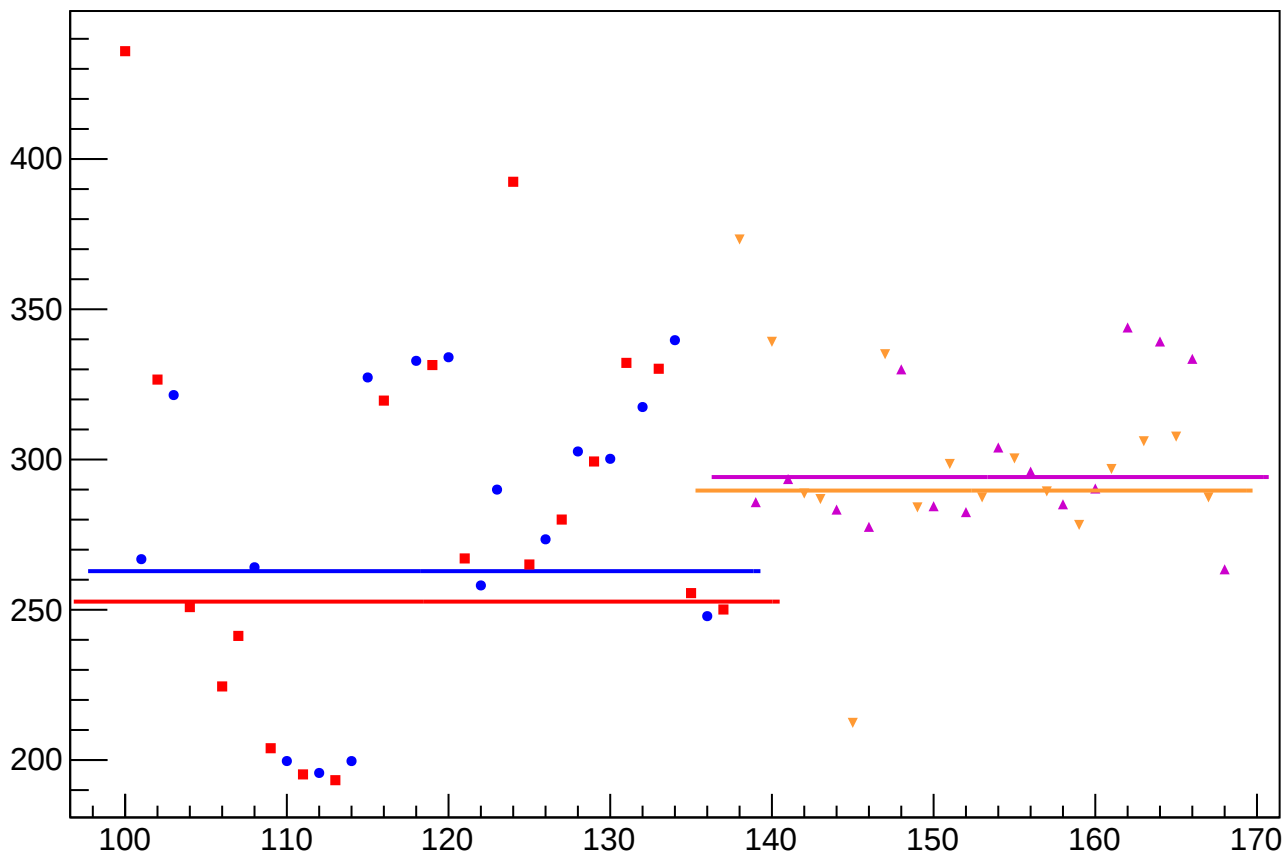
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 246.764 $\pm$ 66.354 χ^2 /NDF:32.1/31

Out: 242.177 $\pm$ 63.918 χ^2 /NDF:28.0/34

All: 244.385 $\pm$ 46.034 χ^2 /NDF: 60.1/66

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 289.672+/-0.060 χ^2/NDF : 351084.3/15

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 294.171+/-0.061 χ^2/NDF : 124842.2/14

Left: 291.870+/-0.043 χ^2/NDF : 478695.0/30

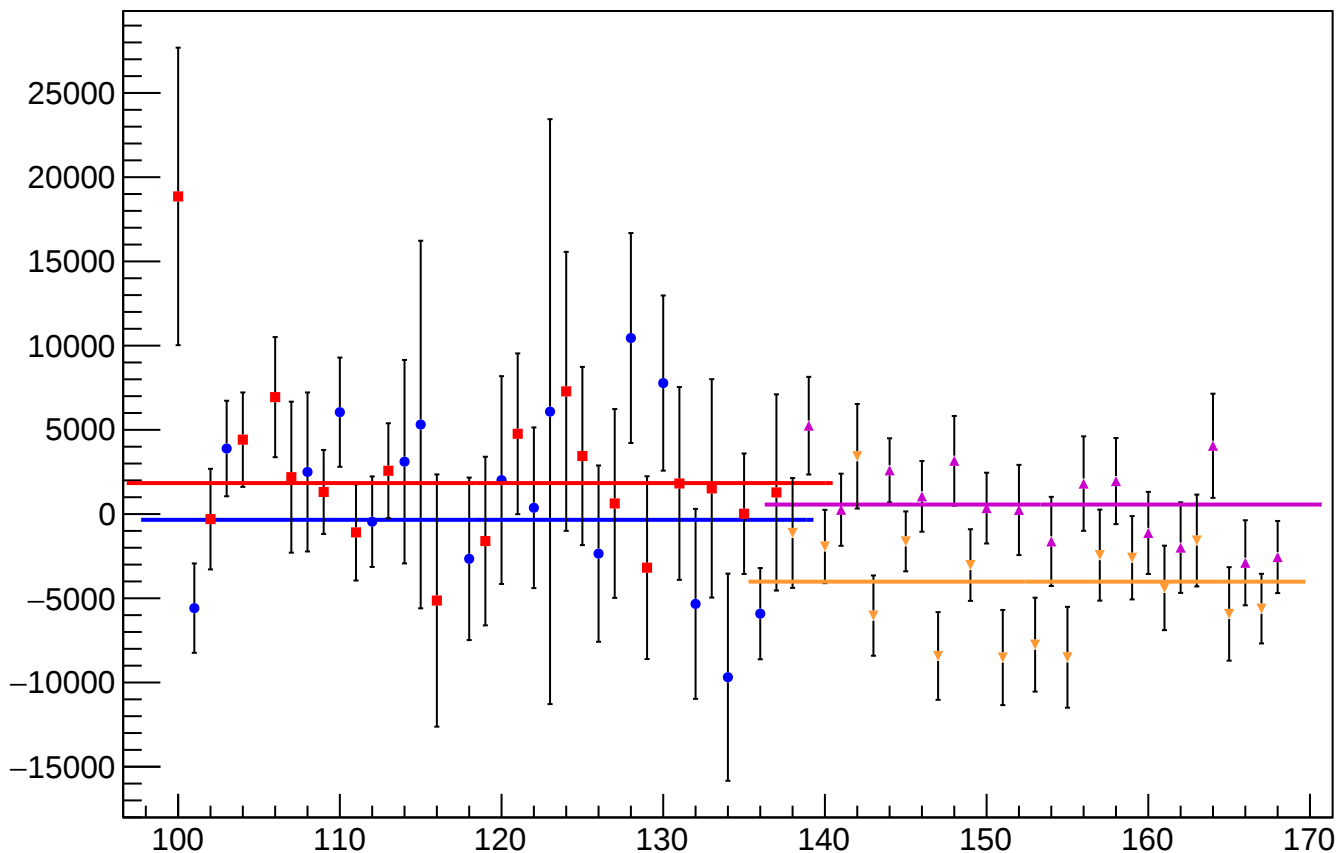
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 281.292+/-0.047 χ^2/NDF : 644398.1/31

Out: 273.859+/-0.045 χ^2/NDF : 1054451.6/34

All: 277.436+/-0.033 χ^2/NDF : 1711865.7/66

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -4012.341 $\pm$ 620.956 χ^2/NDF : 22.2/15

Right Out: 1840.596 $\pm$ 924.746 χ^2/NDF : 11.7/18

Left In: 565.092 $\pm$ 625.324 χ^2/NDF : 12.6/14

Left: -1739.668 $\pm$ 440.619 χ^2/NDF : 61.8/30

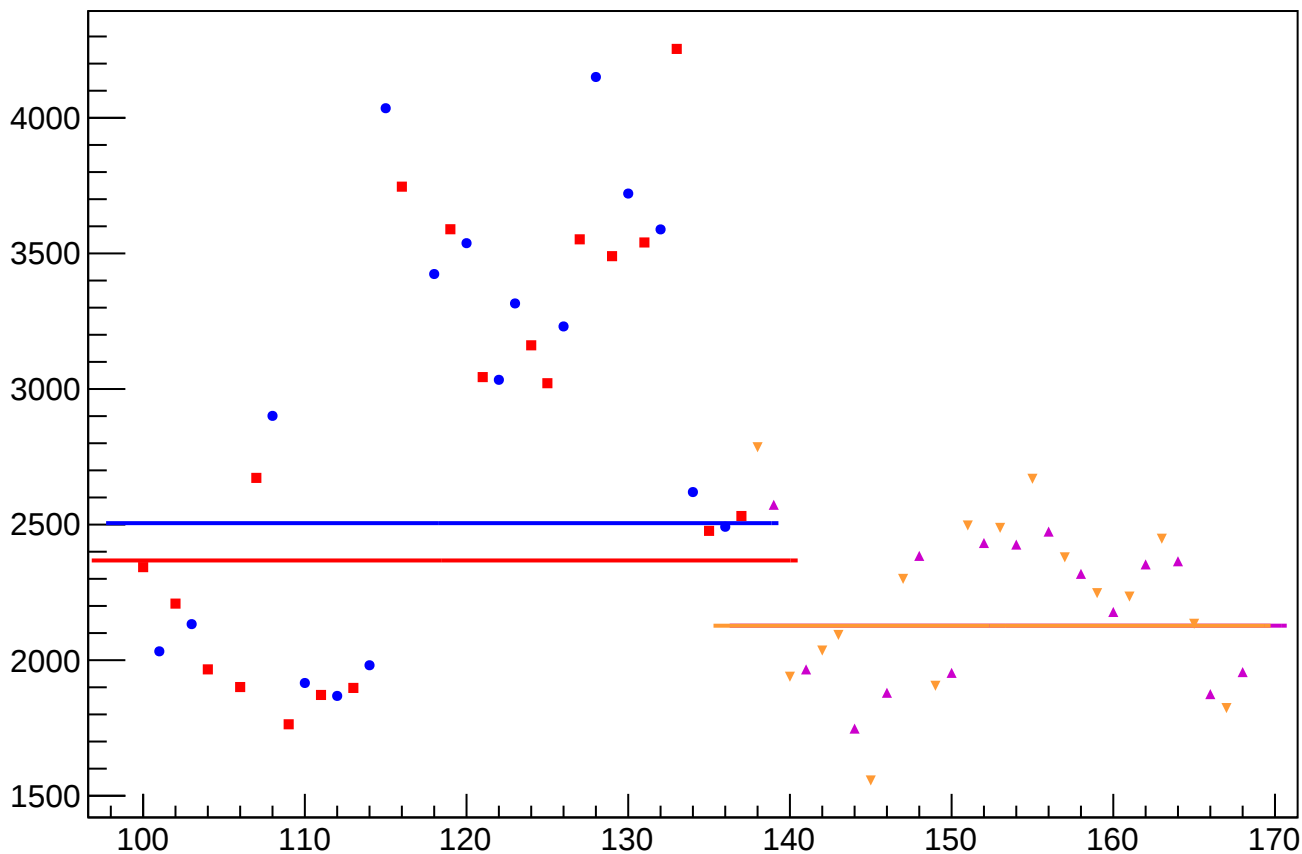
Right: 839.728 $\pm$ 680.387 χ^2/NDF : 38.7/35

In: 311.921 $\pm$ 530.884 χ^2/NDF : 37.6/31

Out: -2193.417 $\pm$ 515.517 χ^2/NDF : 61.5/34

All: -977.533 $\pm$ 369.839 χ^2/NDF : 110.6/66

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2/NDF : 864133.9/16

Left Out: 2127.148 $\pm$ 0.439 χ^2/NDF : 564825.0/15

Right Out: 2367.730 $\pm$ 0.654 χ^2/NDF : 1030895.6/18

Left In: 2127.289 $\pm$ 0.442 χ^2/NDF : 351367.7/14

Left: 2127.218 $\pm$ 0.312 χ^2/NDF : 916192.7/30

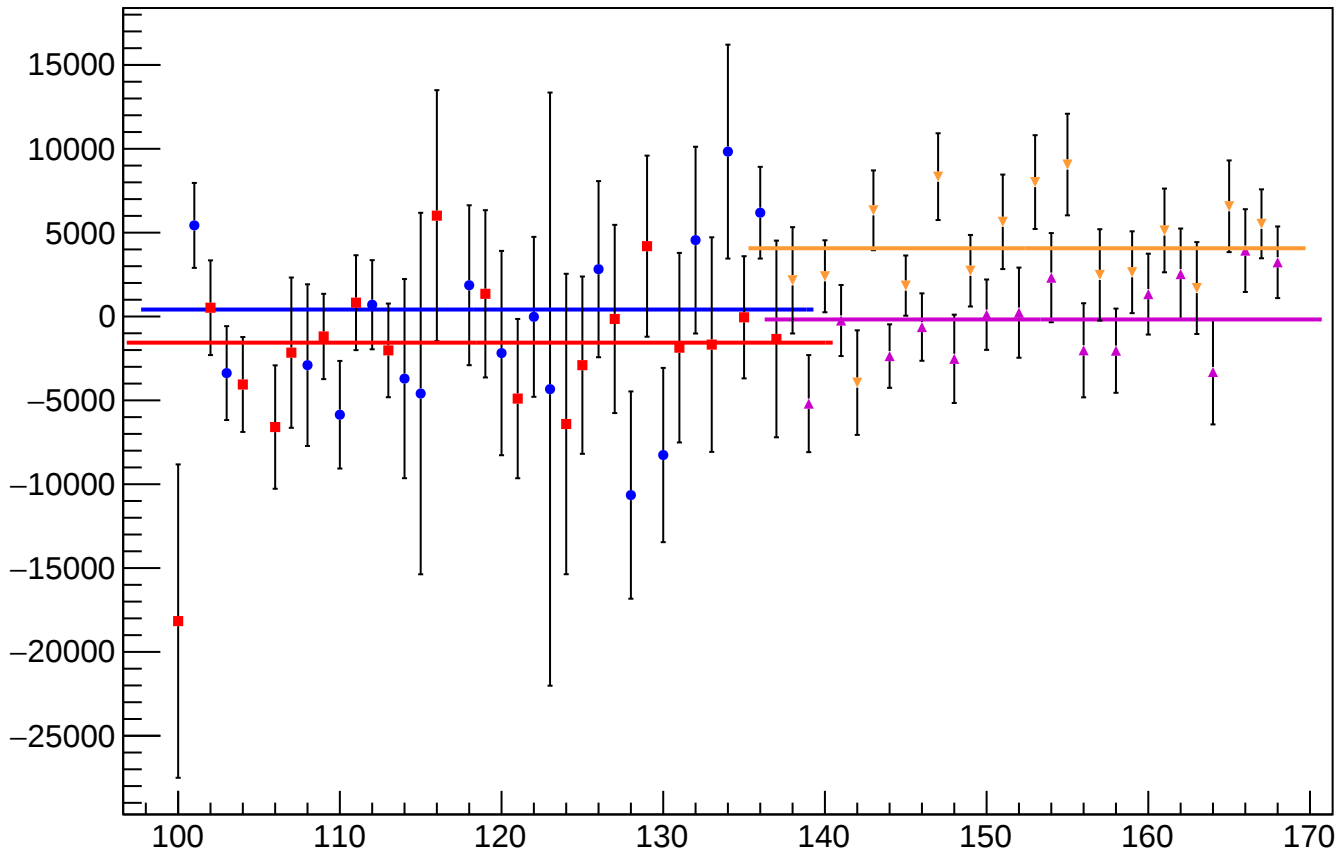
Right: 2430.842 $\pm$ 0.481 χ^2/NDF : 1915339.5/35

In: 2232.854 $\pm$ 0.375 χ^2/NDF : 1419618.3/31

Out: 2201.914 $\pm$ 0.365 χ^2/NDF : 1689019.3/34

All: 2216.930 $\pm$ 0.262 χ^2/NDF : 3112134.0/66

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 4070.788 ± 619.528 $\chi^2/\text{NDF}: 21.1/15$

Right Out: -1558.787 ± 924.438 $\chi^2/\text{NDF}: 10.7/18$

Left In: -176.135 ± 620.332 $\chi^2/\text{NDF}: 14.8/14$

Left: 1950.079 ± 438.356 $\chi^2/\text{NDF}: 59.4/30$

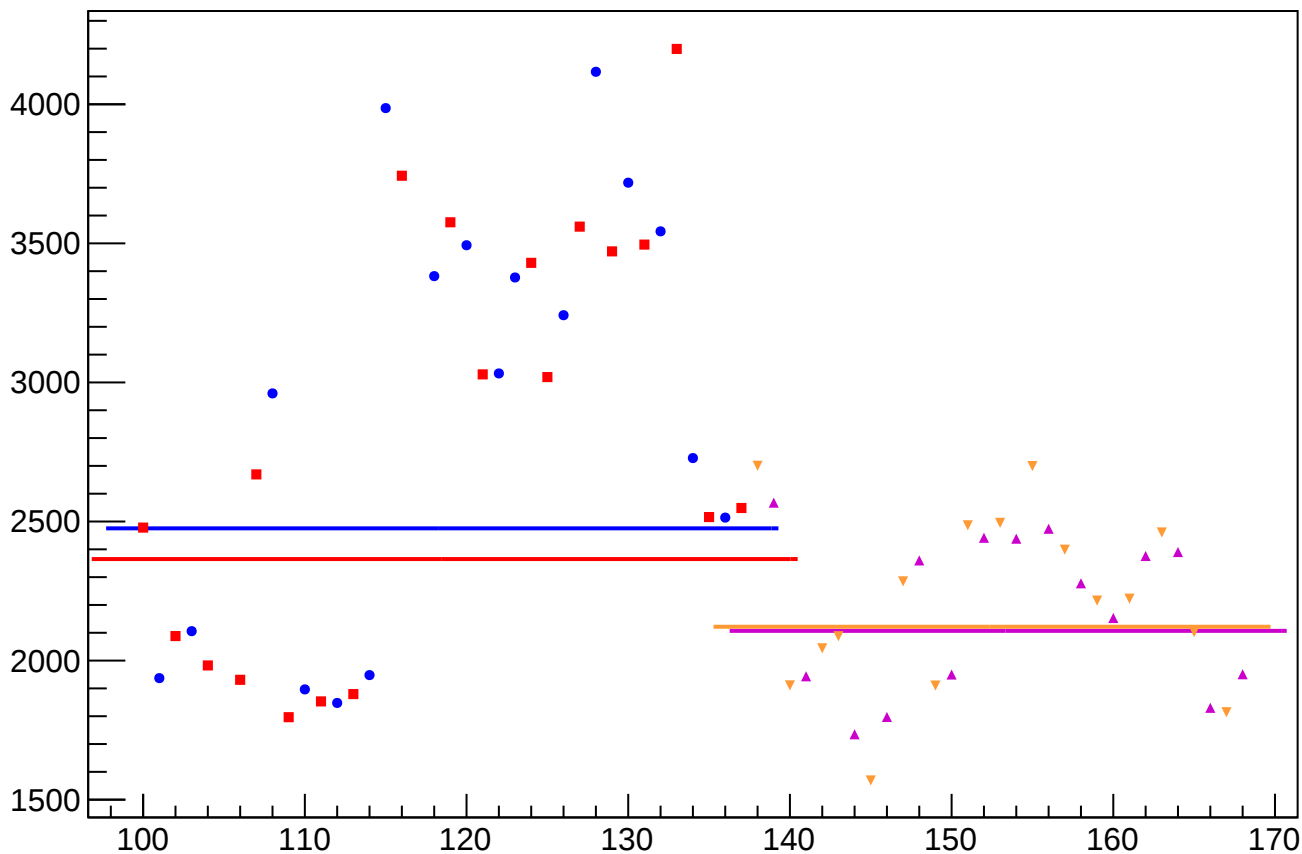
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -10.504 ± 526.394 $\chi^2/\text{NDF}: 39.5/31$

Out: 2326.026 ± 514.646 $\chi^2/\text{NDF}: 57.4/34$

All: 1184.126 ± 367.993 $\chi^2/\text{NDF}: 107.0/66$

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: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2106.909+/-0.439 χ^2/NDF : 395006.8/14

Left: 2114.301+/-0.310 χ^2/NDF : 944499.7/30

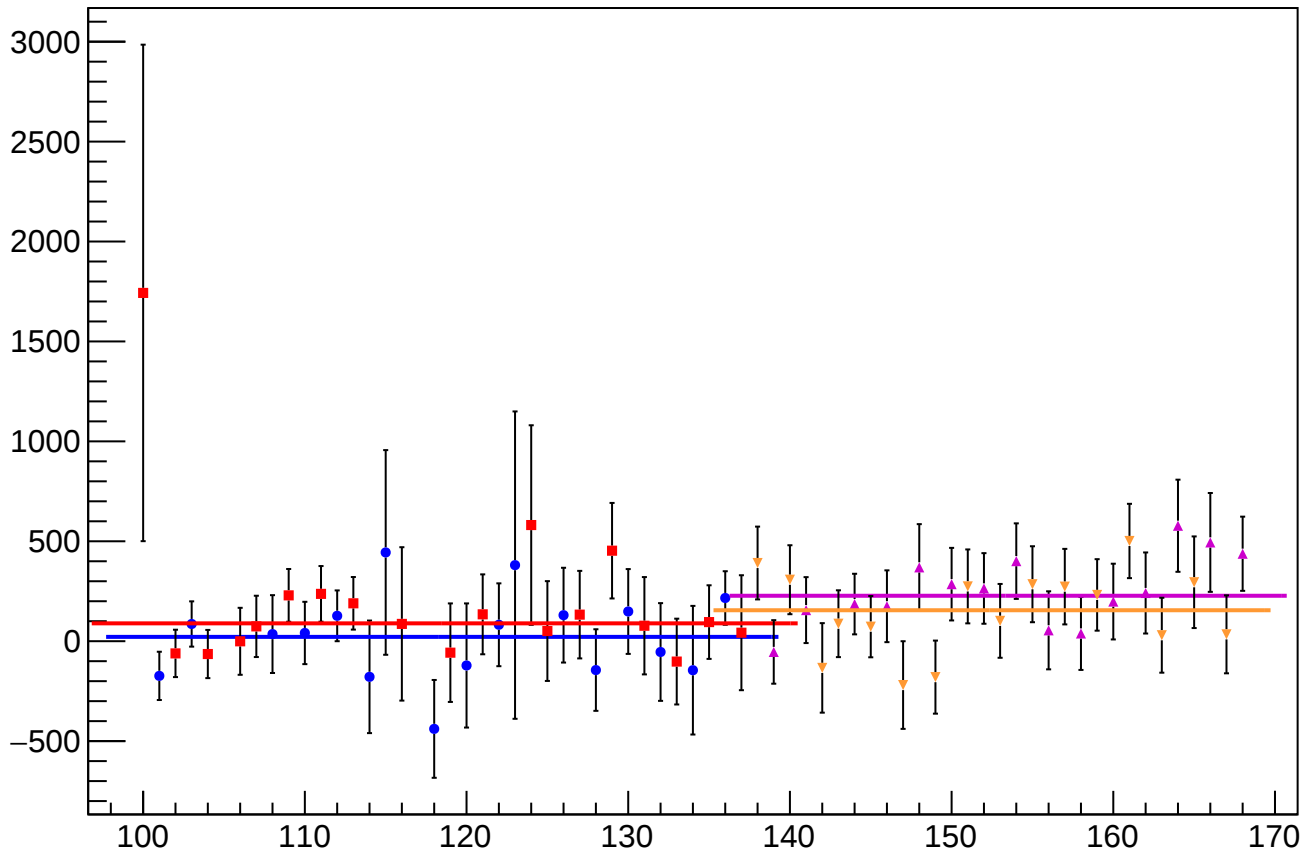
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2210.071+/-0.372 χ^2/NDF : 1505672.2/31

Out: 2197.096+/-0.364 χ^2/NDF : 1671735.5/34

All: 2203.437+/-0.260 χ^2/NDF : 3178029.1/60

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: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 227.389 $\pm$ 47.935 χ^2/NDF : 11.5/14

Left: 190.095 $\pm$ 33.406 χ^2/NDF : 29.8/30

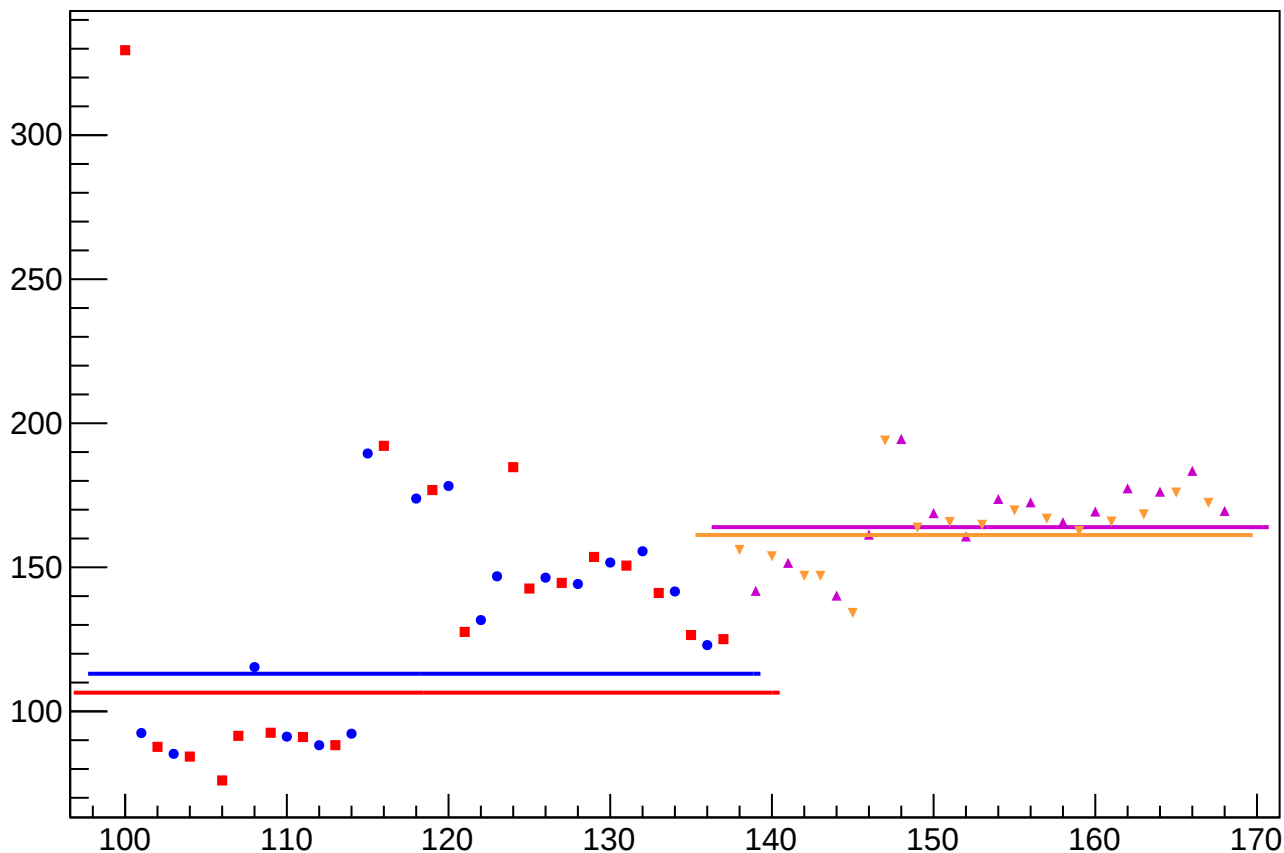
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 118.383 $\pm$ 32.869 χ^2/NDF : 33.9/31

Out: 118.563 $\pm$ 31.111 χ^2/NDF : 30.9/34

All: 118.478 $\pm$ 22.595 χ^2/NDF : 64.7/66

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 161.207+/-0.033 χ^2/NDF : 161915.5/15

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 163.940+/-0.034 χ^2/NDF : 181634.1/14

Left: 162.535+/-0.024 χ^2/NDF : 346893.8/30

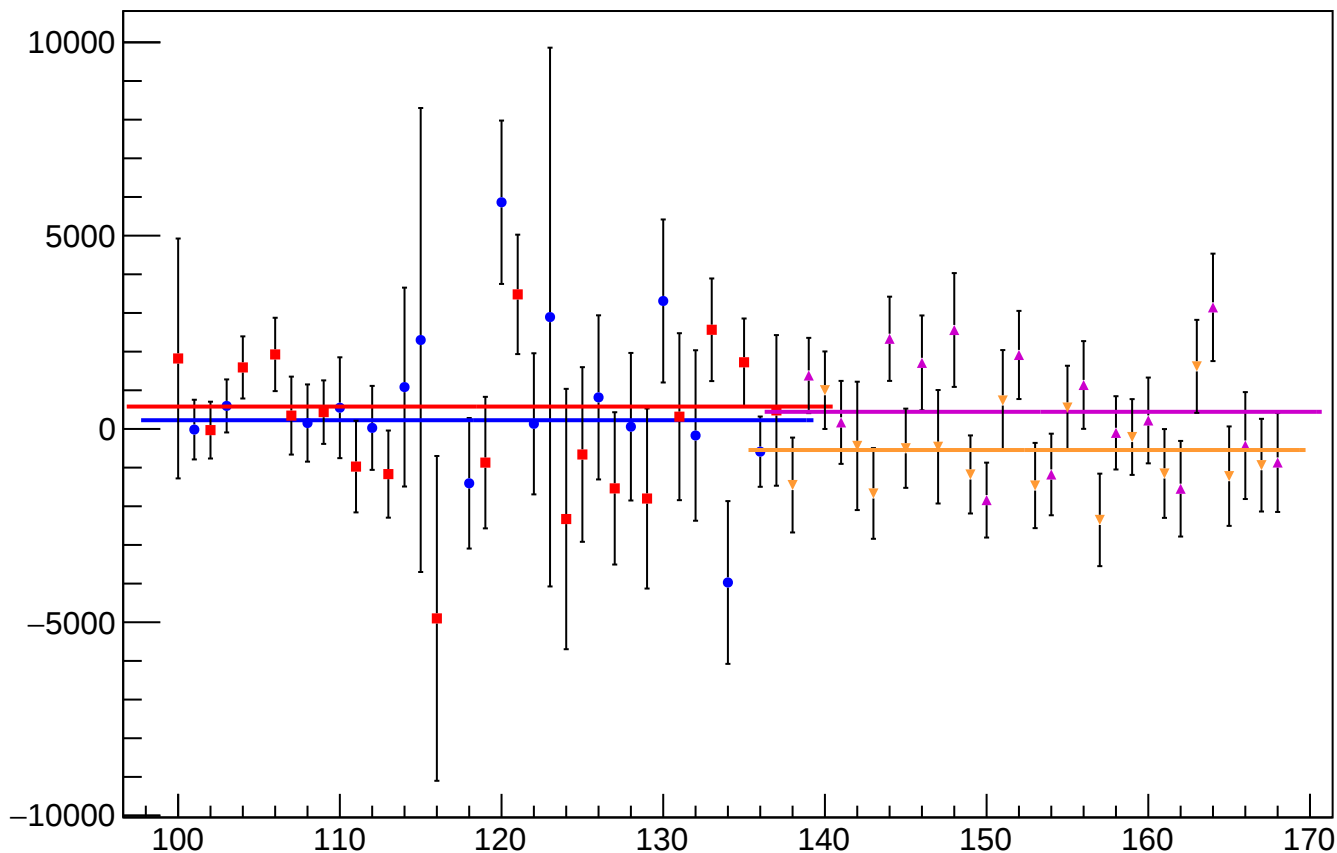
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 136.982+/-0.023 χ^2/NDF : 2196335.1/31

Out: 130.901+/-0.022 χ^2/NDF : 2706616.4/34

All: 133.775+/-0.016 χ^2/NDF : 4939058.5/66

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: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 443.108 $\pm$ 293.187 χ^2 /NDF:25.3/14

Left: -56.551 $\pm$ 206.129 χ^2 /NDF: 44.3/30

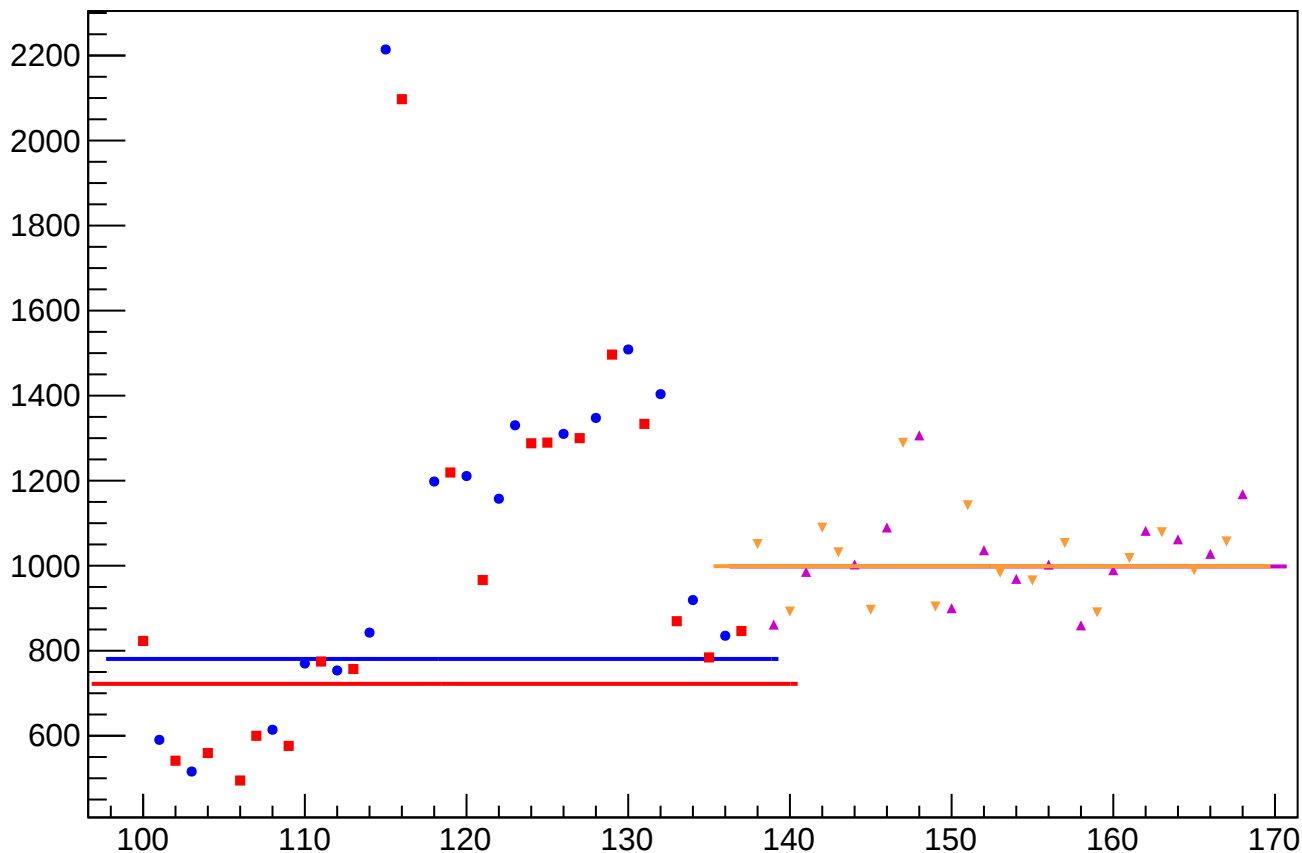
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 344.337 $\pm$ 216.607 χ^2 /NDF:41.5/31

Out: 18.256 $\pm$ 204.741 χ^2 /NDF:41.9/34

All: 172.121 $\pm$ 148.792 χ^2 /NDF: 84.6/66

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: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 998.260 $\pm$ 0.207 χ^2 /NDF:255557.2/14

Left: 998.582 $\pm$ 0.146 χ^2 /NDF: 474662.3/30

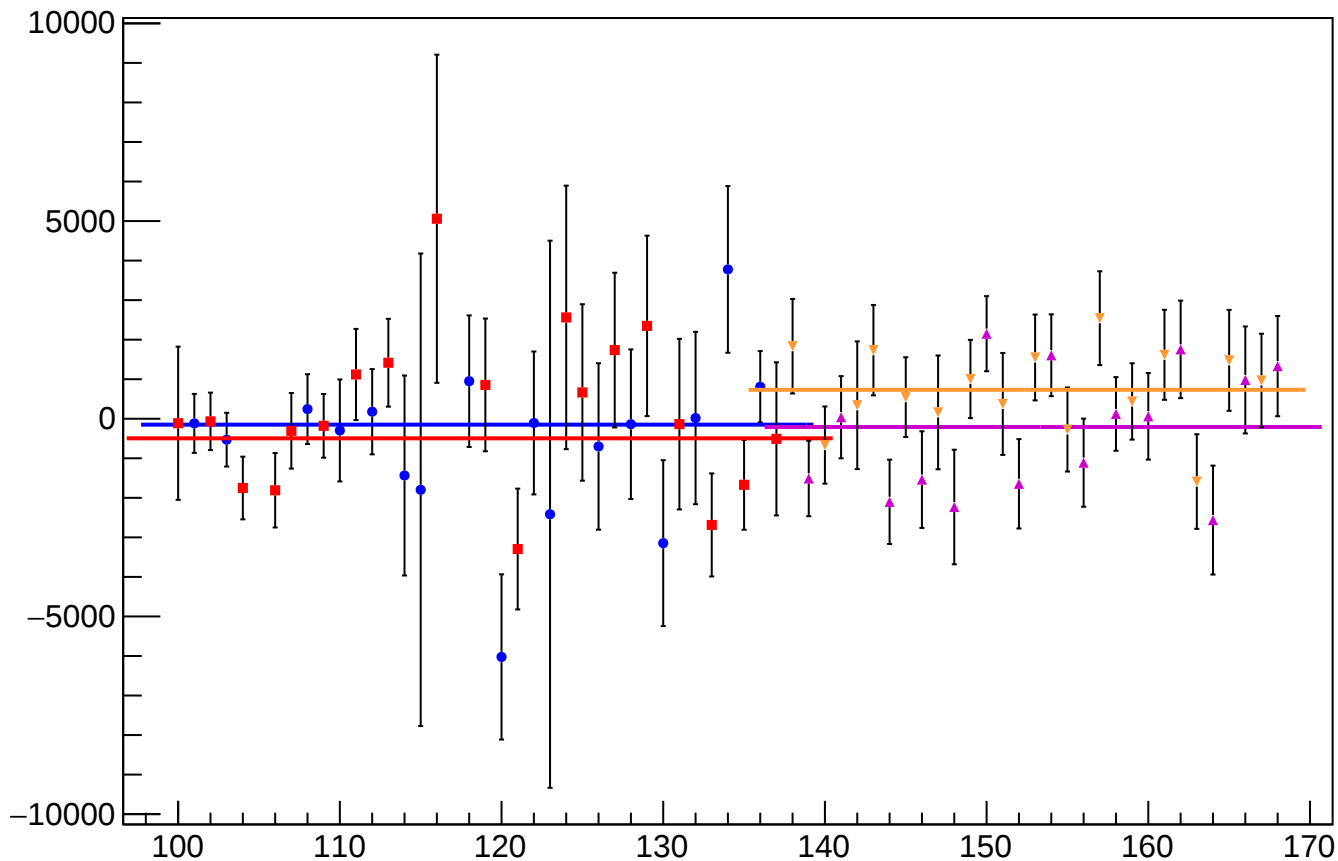
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 899.450 $\pm$ 0.153 χ^2 /NDF:2365240.9/31

Out: 860.222 $\pm$ 0.145 χ^2 /NDF:2761399.3/34

All: 878.733 $\pm$ 0.105 χ^2 /NDF: 5161283.9/66

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 731.616+/-285.095 χ^2/NDF :12.7/15

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -208.349+/-288.454 χ^2/NDF :27.6/14

Left: 267.137+/-202.770 χ^2/NDF : 45.7/30

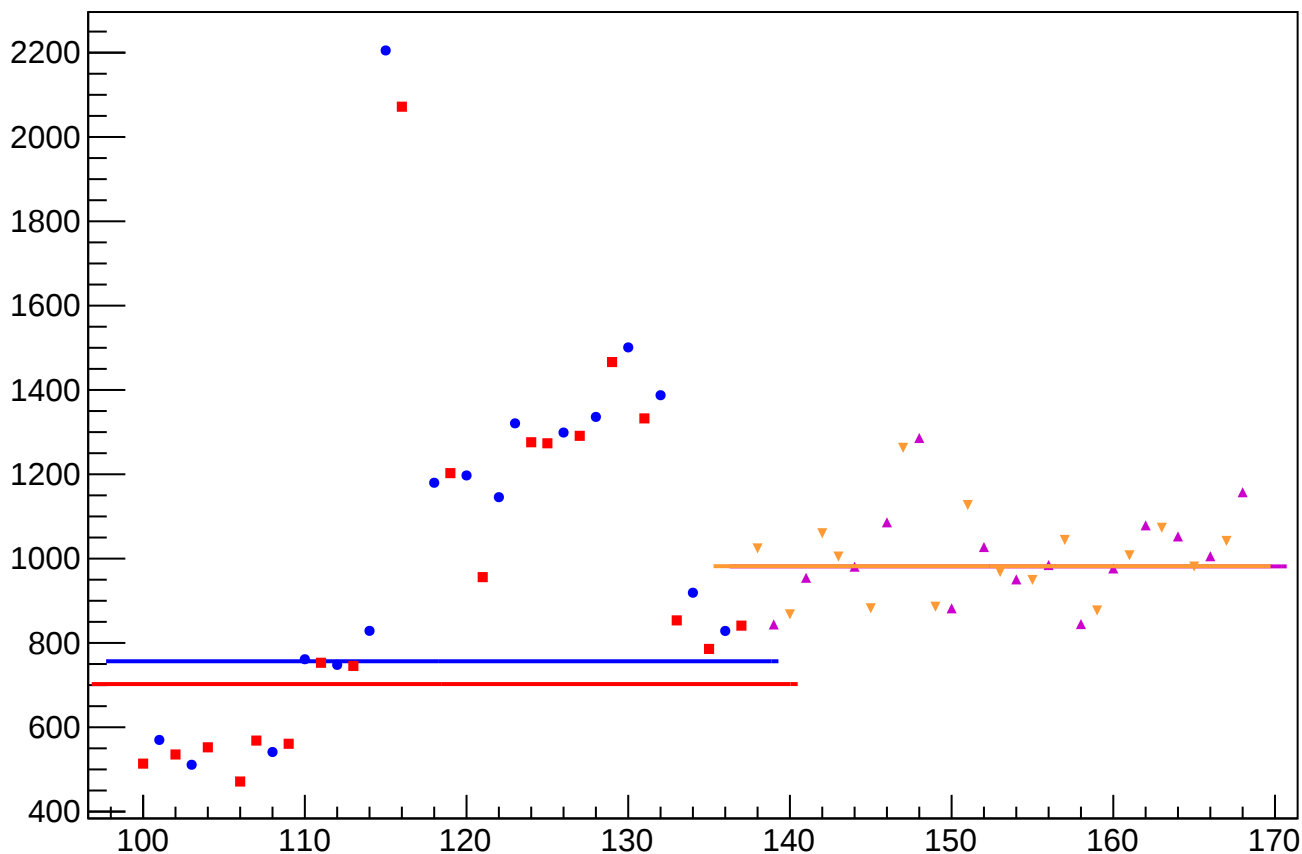
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -181.164+/-212.104 χ^2/NDF :43.8/31

Out: 113.252+/-200.748 χ^2/NDF :45.7/34

All: -25.864+/-145.800 χ^2/NDF : 90.5/66

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 982.031 $\pm$ 0.202 χ^2 /NDF: 224393.6/15

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 981.563 $\pm$ 0.204 χ^2 /NDF: 273037.5/14

Left: 981.800 $\pm$ 0.143 χ^2 /NDF: 497433.7/30

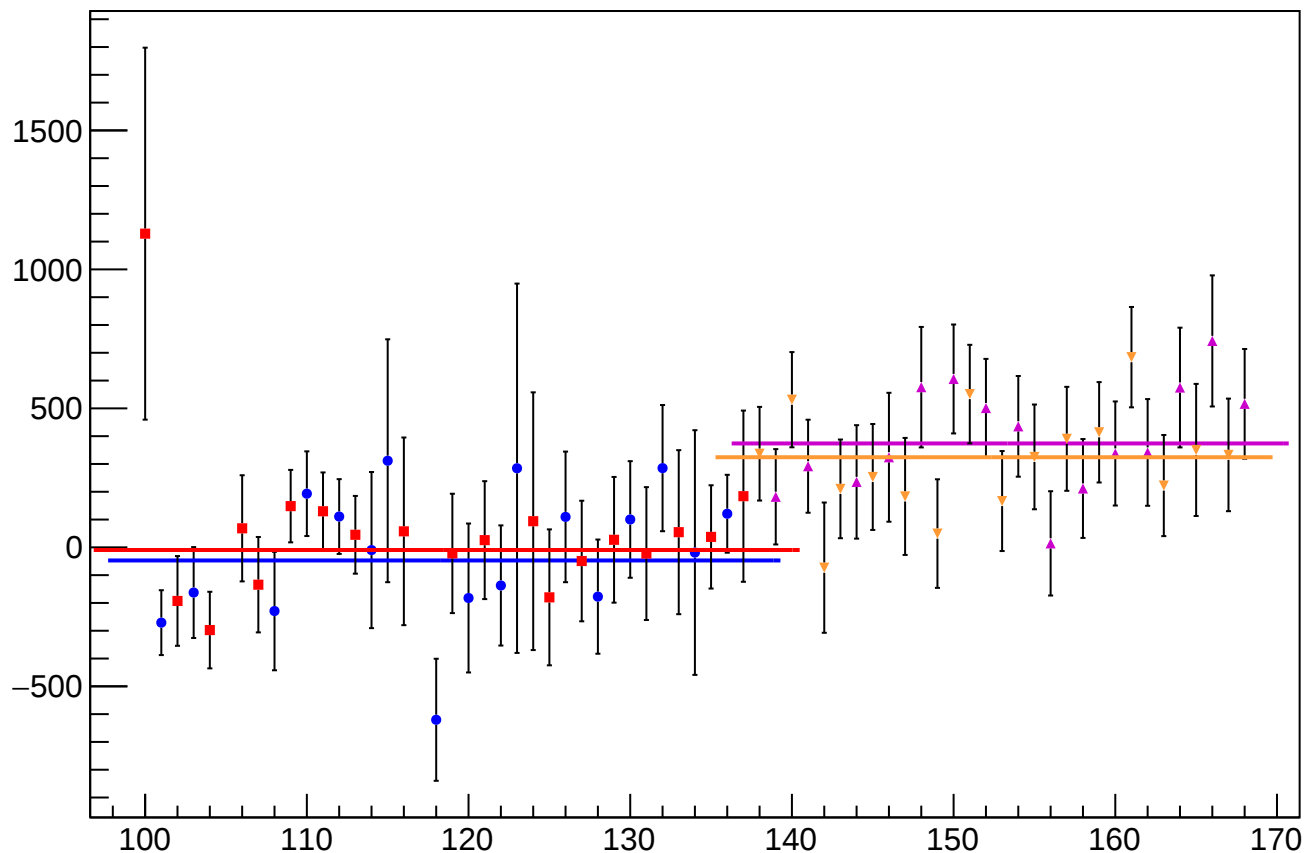
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 878.206 $\pm$ 0.150 χ^2 /NDF: 2545724.0/31

Out: 841.069 $\pm$ 0.142 χ^2 /NDF: 2883562.6/34

All: 858.617 $\pm$ 0.103 χ^2 /NDF: 5461628.8/66

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 324.201 ± 47.207 χ^2/NDF : 14.4/15

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 373.803 ± 49.811 χ^2/NDF : 13.3/14

Left: 347.671 ± 34.264 χ^2/NDF : 28.2/30

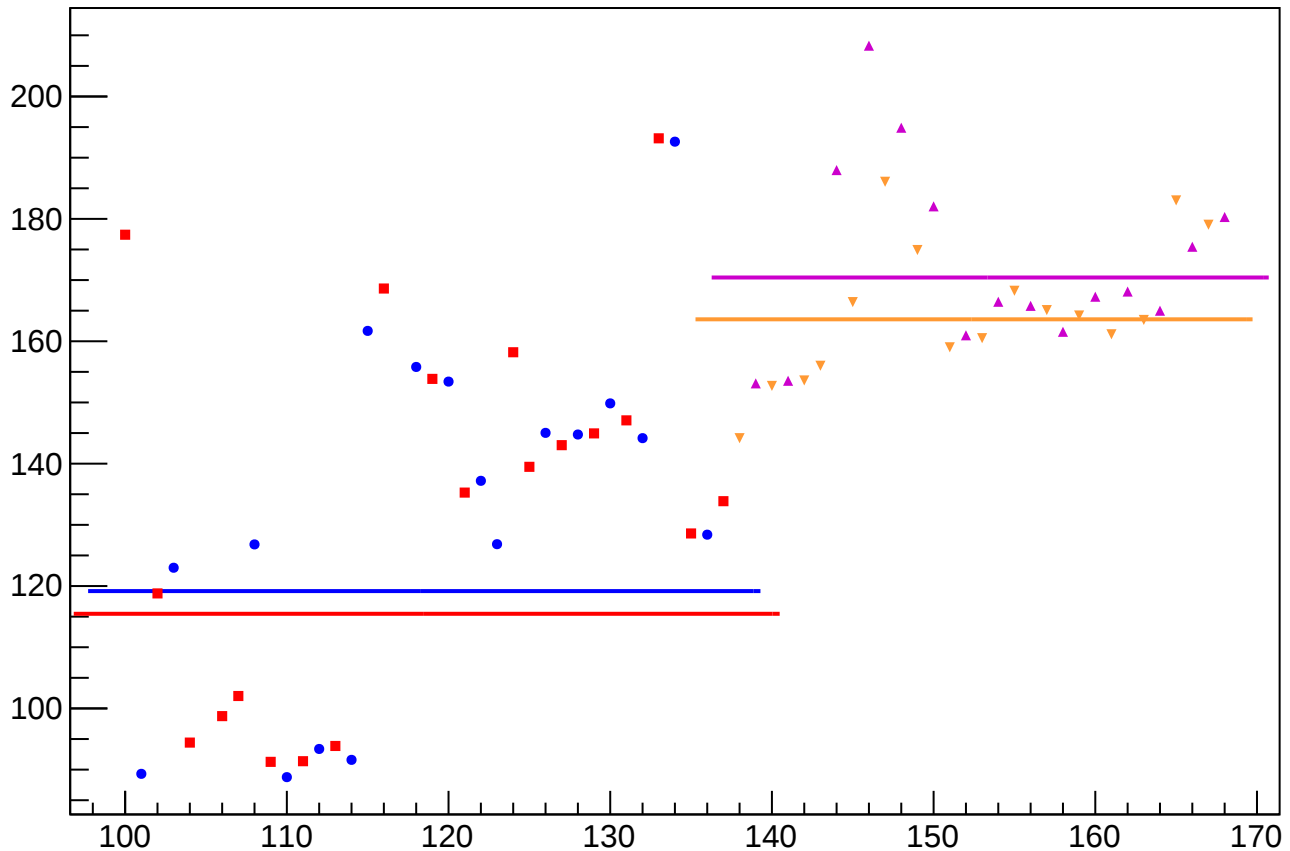
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: 152.304 ± 34.288 χ^2/NDF : 72.8/31

Out: 148.431 ± 32.477 χ^2/NDF : 53.8/34

All: 150.263 ± 23.579 χ^2/NDF : 126.5/66

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 163.587 $\pm$ 0.033 χ^2 /NDF:100610.5/15

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 170.421 $\pm$ 0.035 χ^2 /NDF:162329.8/14

Left: 166.821 $\pm$ 0.024 χ^2 /NDF: 282774.0/30

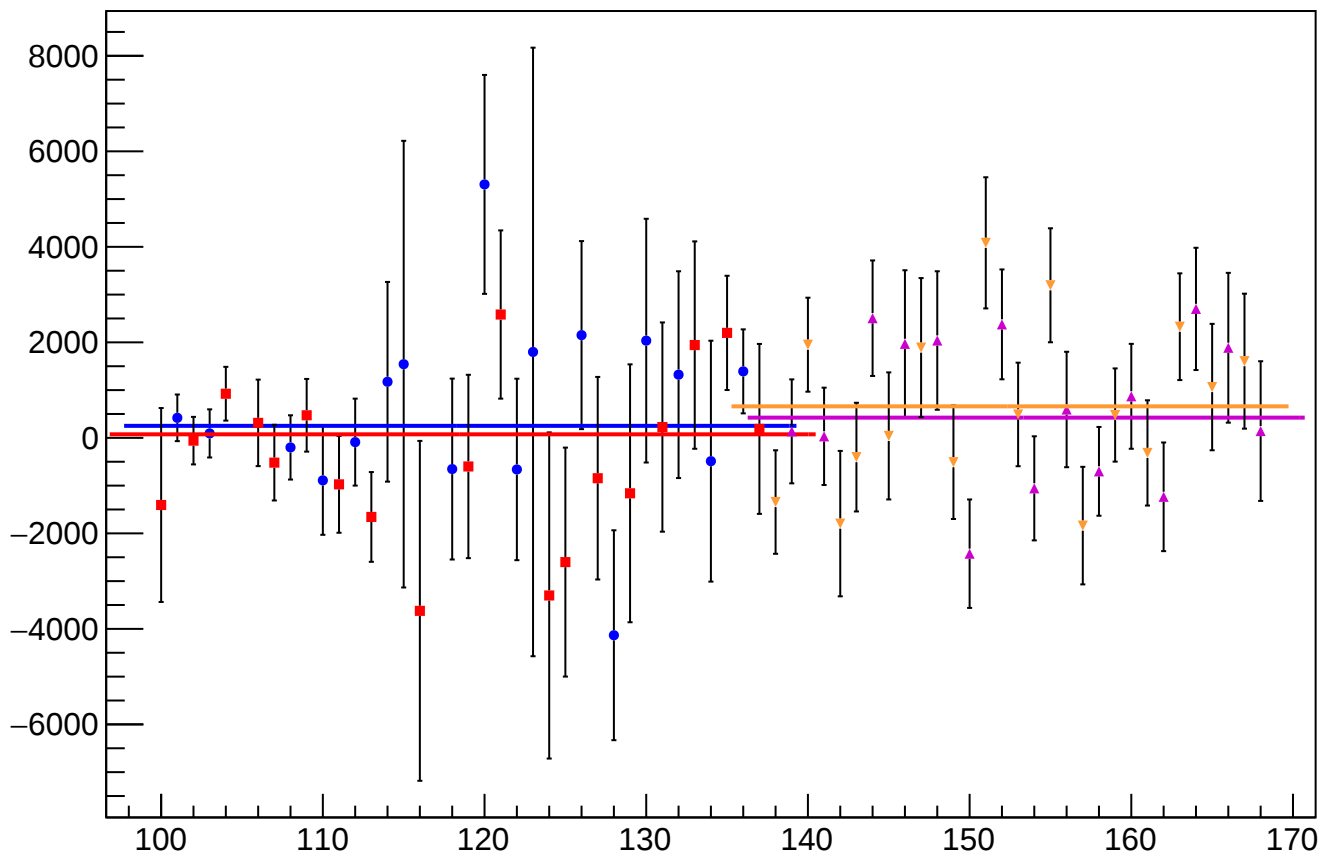
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 143.457 $\pm$ 0.024 χ^2 /NDF:1891467.1/31

Out: 138.241 $\pm$ 0.023 χ^2 /NDF:1887999.5/34

All: 140.707 $\pm$ 0.017 χ^2 /NDF: 3803862.8/66

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 659.960 $\pm$ 297.218 χ^2 /NDF:29.0/15

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 423.446 $\pm$ 305.894 χ^2 /NDF:24.3/14

Left: 545.105 $\pm$ 213.166 χ^2 /NDF: 53.6/30

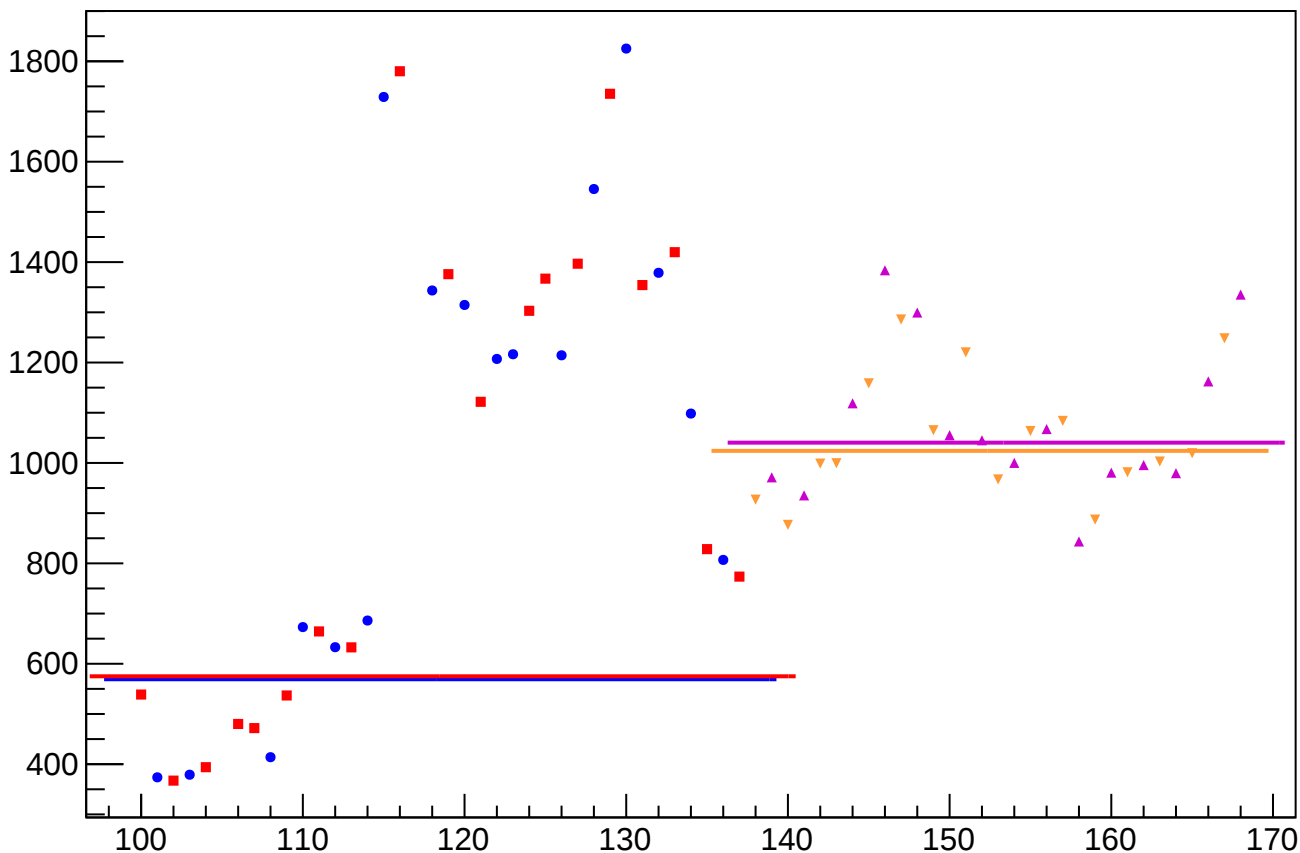
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 321.424 $\pm$ 194.875 χ^2 /NDF:39.4/31

Out: 309.951 $\pm$ 188.575 χ^2 /NDF:49.3/34

All: 315.499 $\pm$ 135.515 χ^2 /NDF: 88.6/66

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: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

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

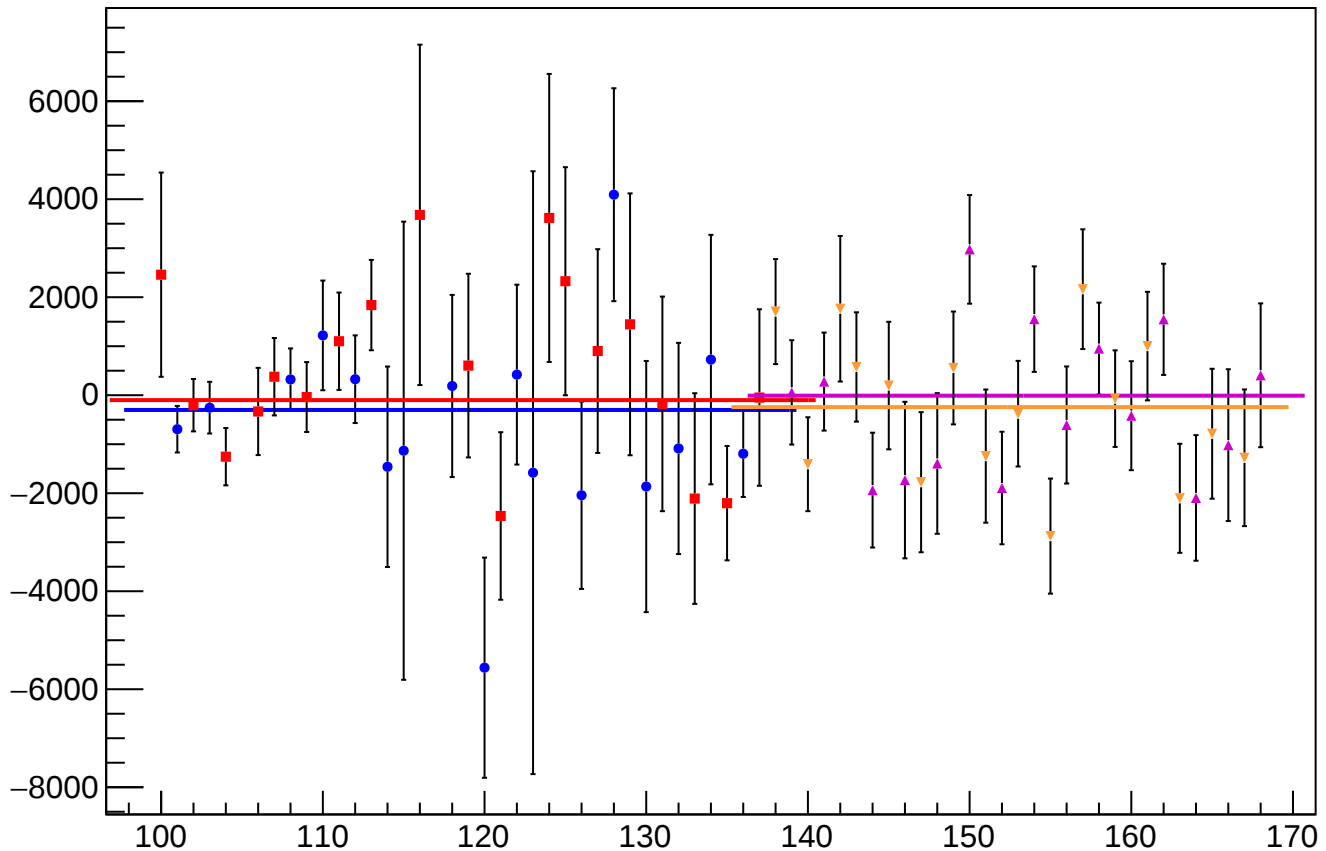
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 760.460 $\pm$ 0.138 χ^2 /NDF: 6488889.6/31

Out: 755.815 $\pm$ 0.133 χ^2 /NDF: 6083074.0/34

All: 758.061 $\pm$ 0.096 χ^2 /NDF: 12572550.3/66

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652+/-250.302 χ^2/NDF : 16.7/16

Left Out: -242.398+/-293.818 χ^2/NDF : 23.2/15

Right Out: -99.947+/-245.961 χ^2/NDF : 22.4/18

Left In: -9.454+/-303.758 χ^2/NDF : 23.4/14

Left: -129.800+/-211.187 χ^2/NDF : 46.9/30

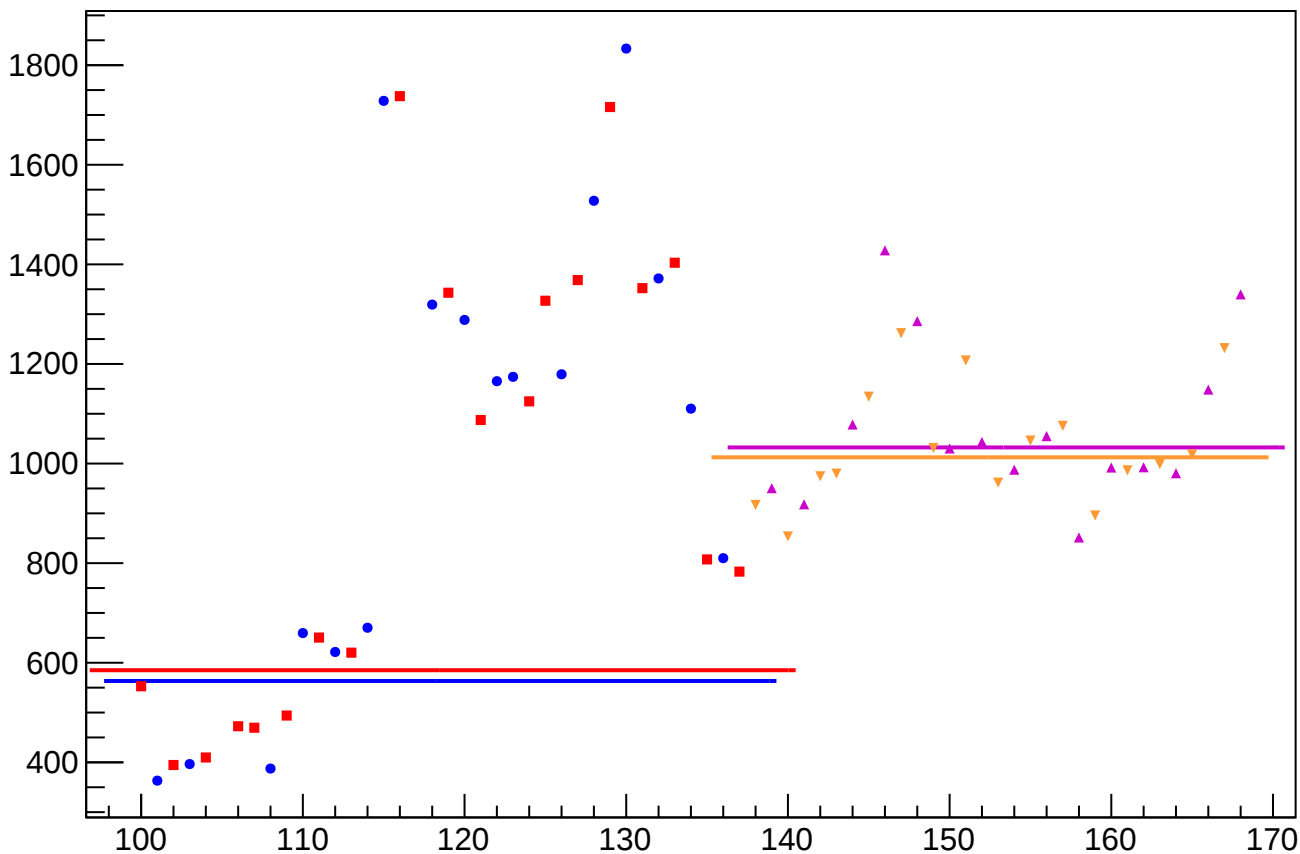
Right: -198.544+/-175.435 χ^2/NDF : 39.4/35

In: -182.889+/-193.169 χ^2/NDF : 40.7/31

Out: -158.641+/-188.601 χ^2/NDF : 45.7/34

All: -170.475+/-134.947 χ^2/NDF : 86.4/66

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1012.541 $\pm$ 0.208 χ^2 /NDF:284068.1/15

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1032.385 $\pm$ 0.215 χ^2 /NDF:412409.3/14

Left: 1022.133 $\pm$ 0.149 χ^2 /NDF: 700887.3/30

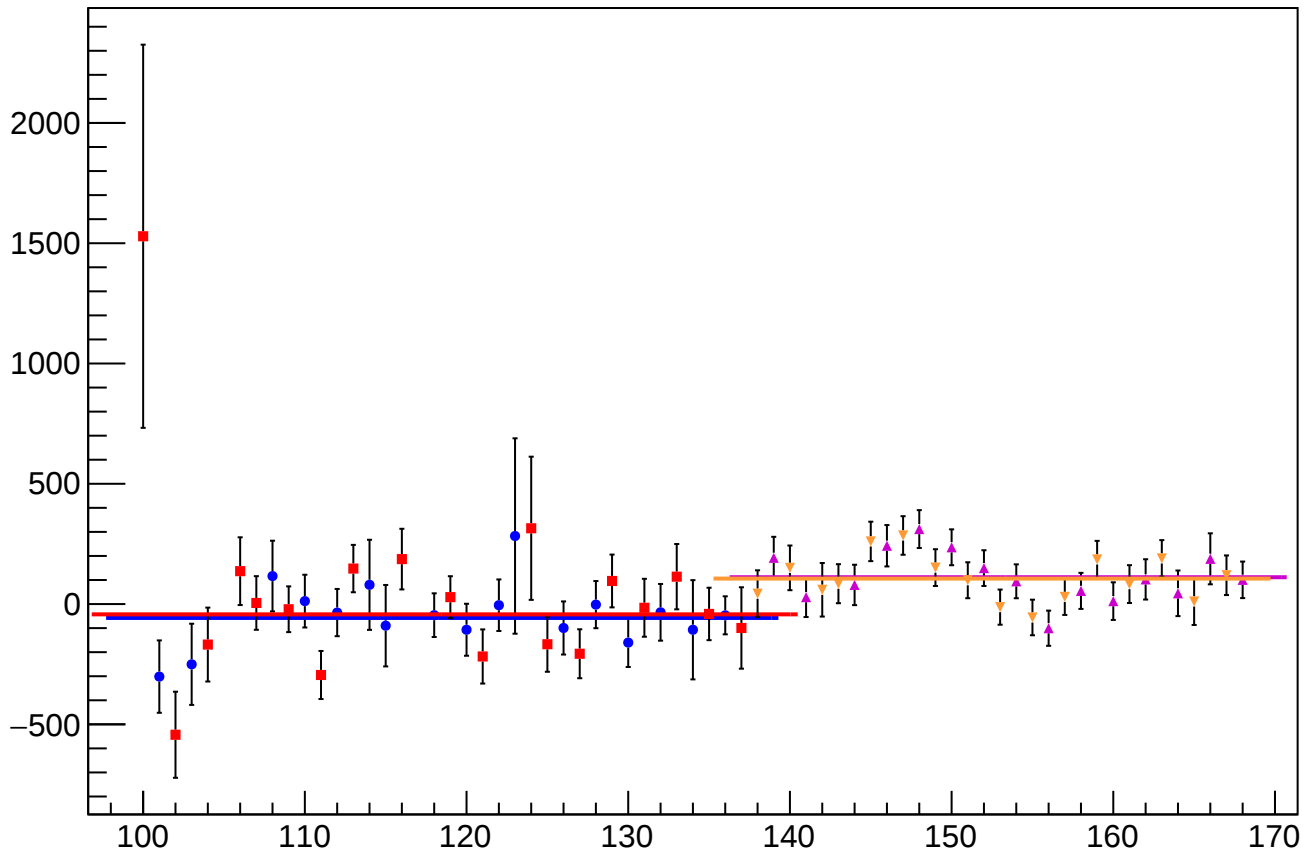
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 753.059 $\pm$ 0.137 χ^2 /NDF:6511033.4/31

Out: 761.150 $\pm$ 0.133 χ^2 /NDF:5592795.0/34

All: 757.201 $\pm$ 0.095 χ^2 /NDF: 12105625.1/60

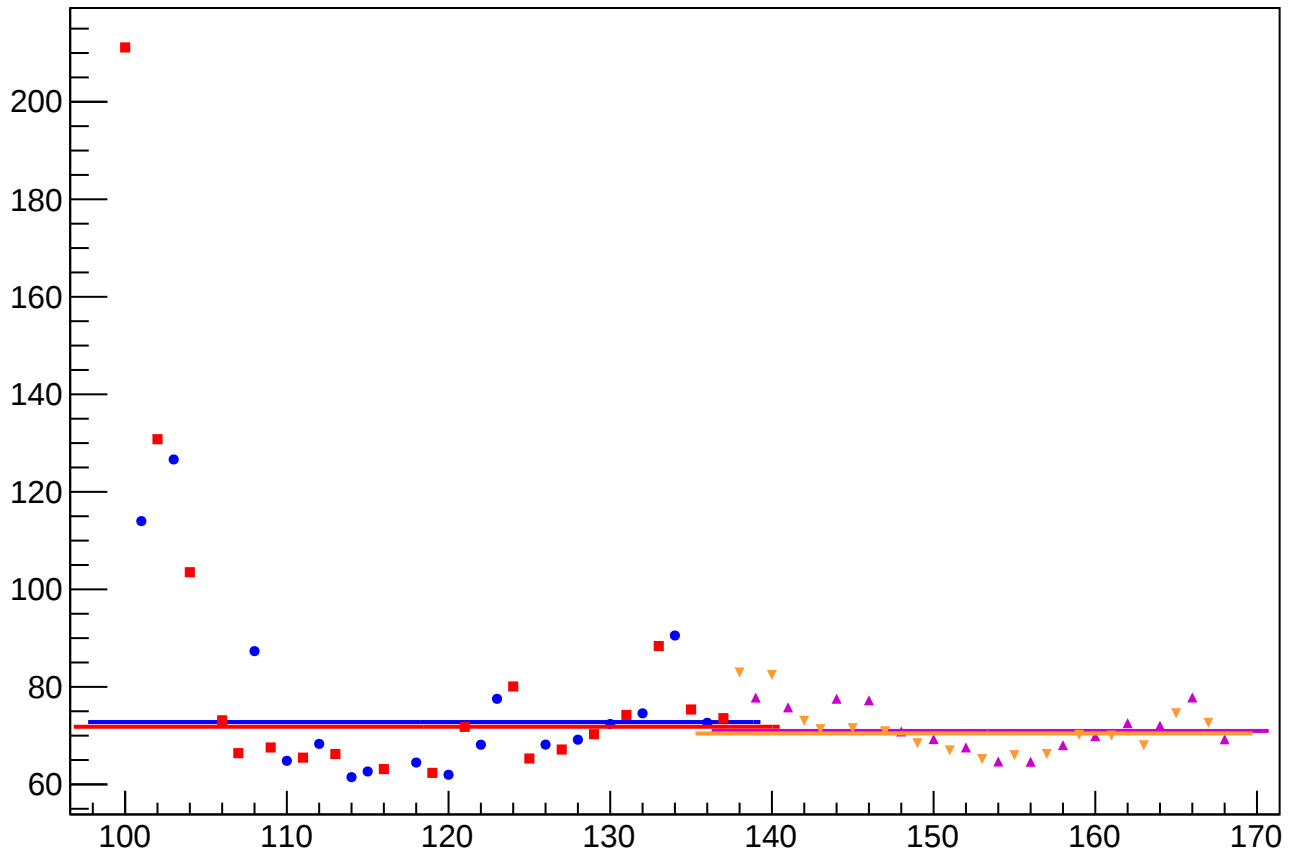
dit_asym_sam7_mean vs Slug, Sign Corrected



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: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 111.537 ± 20.745 $\chi^2/\text{NDF}: 25.5/14$

Left: 108.683 ± 14.531 $\chi^2/\text{NDF}: 47.2/30$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 53.438 ± 16.812 $\chi^2/\text{NDF}: 57.5/31$
 Out: 53.755 ± 16.404 $\chi^2/\text{NDF}: 79.4/34$
 All: 53.600 ± 11.741 $\chi^2/\text{NDF}: 136.9/66$

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: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

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

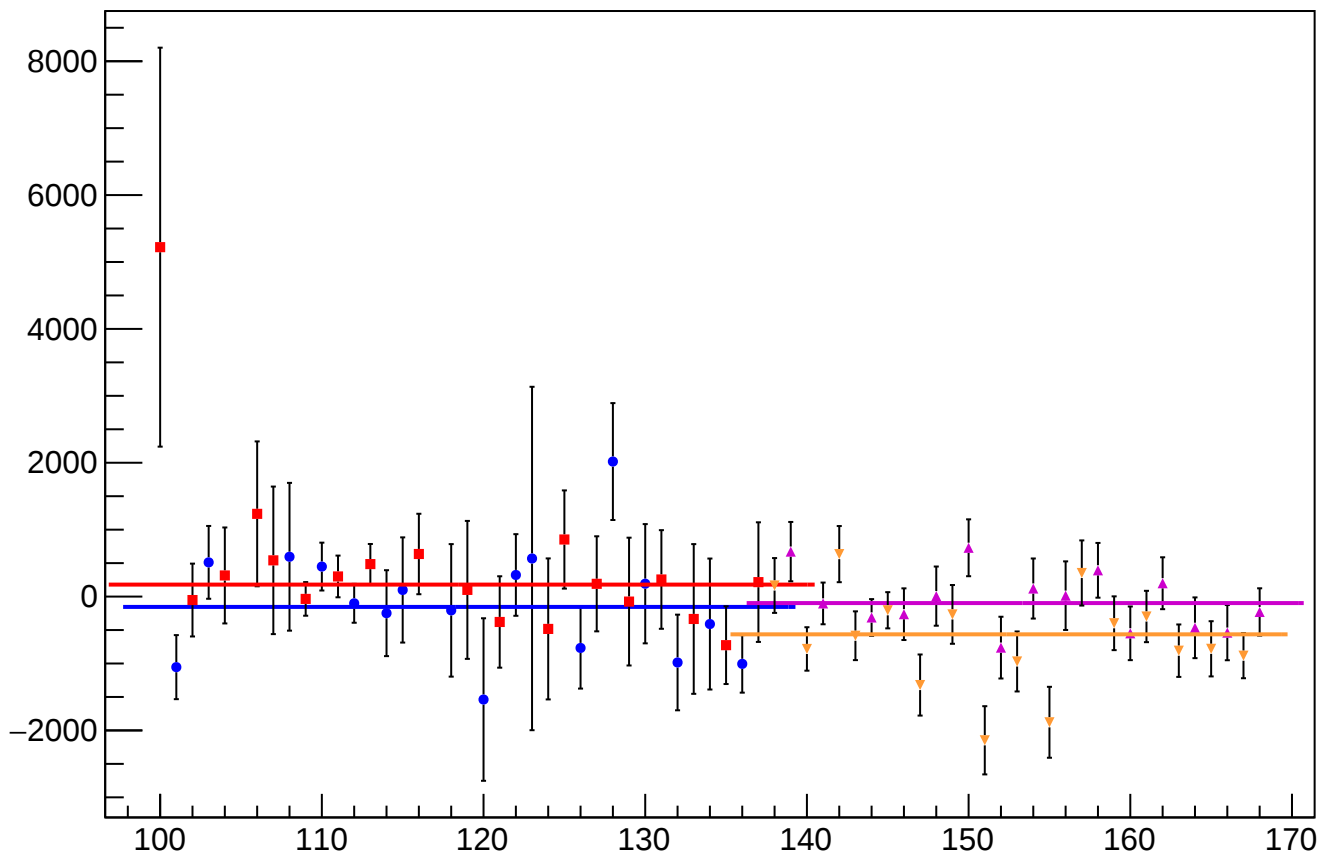
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 71.593 $\pm$ 0.012 χ^2 /NDF:562021.7/31

Out: 70.928 $\pm$ 0.012 χ^2 /NDF:573806.4/34

All: 71.252 $\pm$ 0.008 χ^2 /NDF: 1137434.7/66

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: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: -96.993+/-101.495 χ^2/NDF :15.2/14

Left: -337.580+/-70.682 χ^2/NDF : 65.3/30

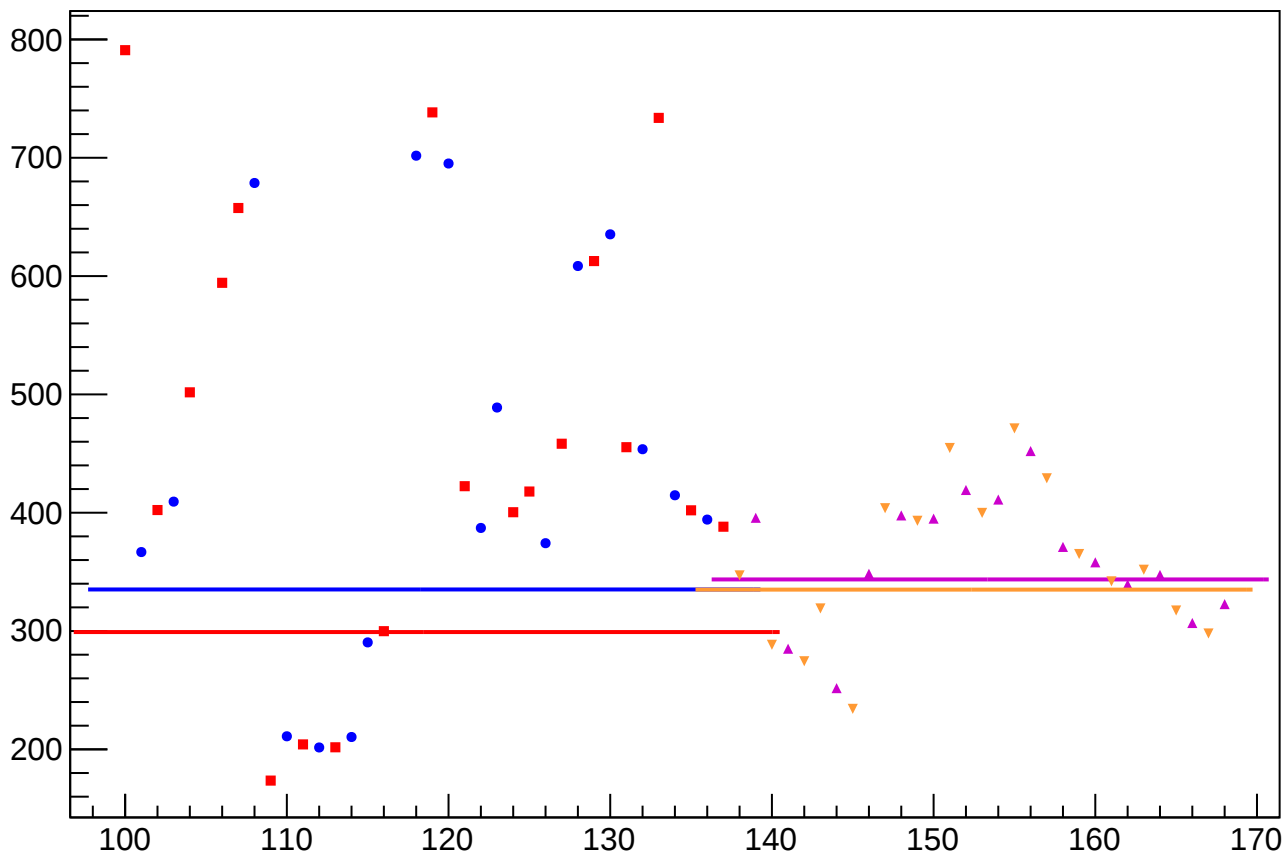
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -116.643+/-82.314 χ^2/NDF :38.5/31

Out: -282.556+/-77.623 χ^2/NDF :72.0/34

All: -204.462+/-56.473 χ^2/NDF : 112.7/66

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 335.003+/-0.070 χ^2/NDF : 849044.1/15

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 343.611+/-0.072 χ^2/NDF : 605426.3/14

Left: 339.178+/-0.050 χ^2/NDF : 1461878.7/30

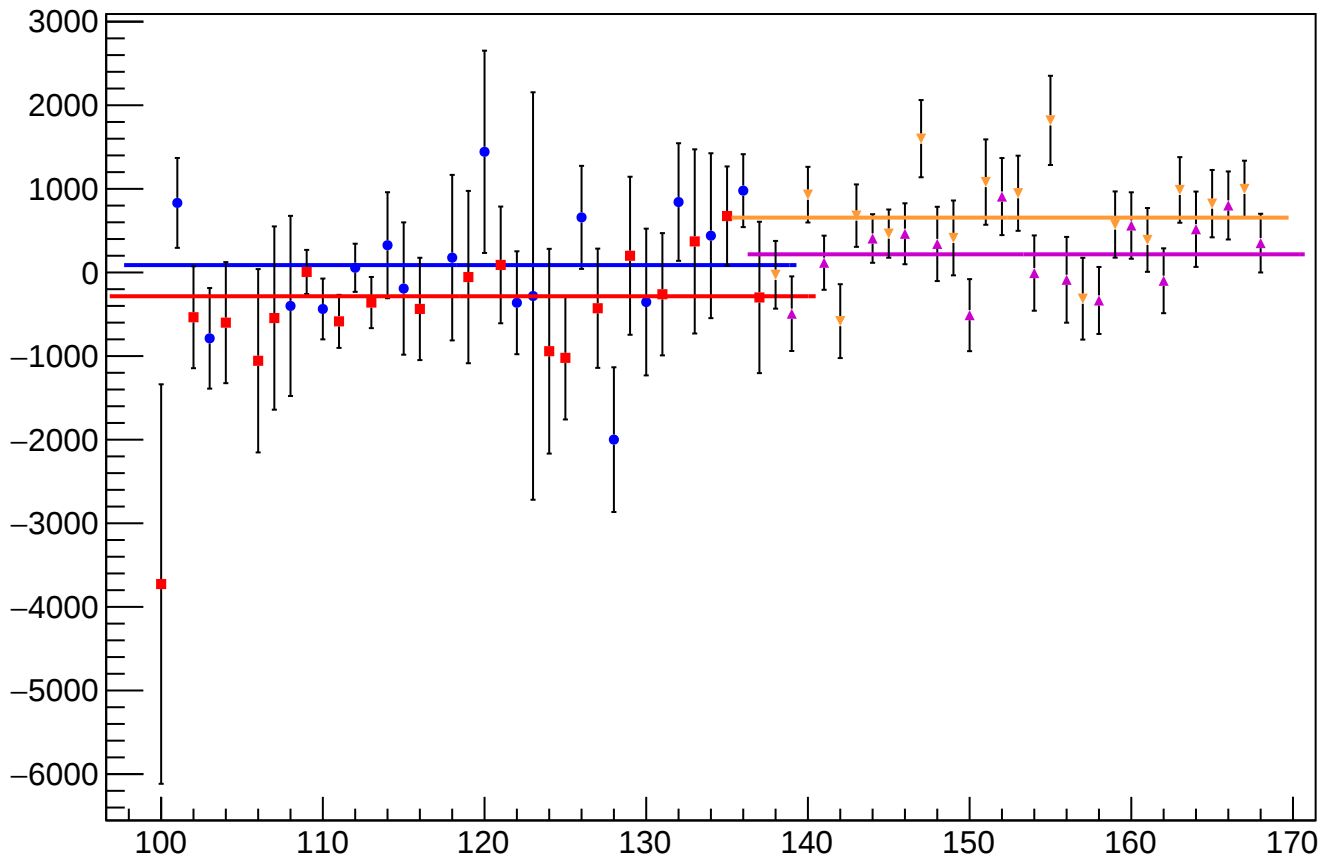
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 340.709+/-0.058 χ^2/NDF : 2604245.7/31

Out: 321.414+/-0.055 χ^2/NDF : 3780627.9/34

All: 330.496+/-0.040 χ^2/NDF : 6443046.9/66

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 655.892 ± 99.859 $\chi^2/\text{NDF}: 28.5/15$

Right Out: -284.510 ± 129.675 $\chi^2/\text{NDF}: 10.1/18$

Left In: 217.076 ± 102.004 $\chi^2/\text{NDF}: 15.2/14$

Left: 441.145 ± 71.357 $\chi^2/\text{NDF}: 53.2/30$

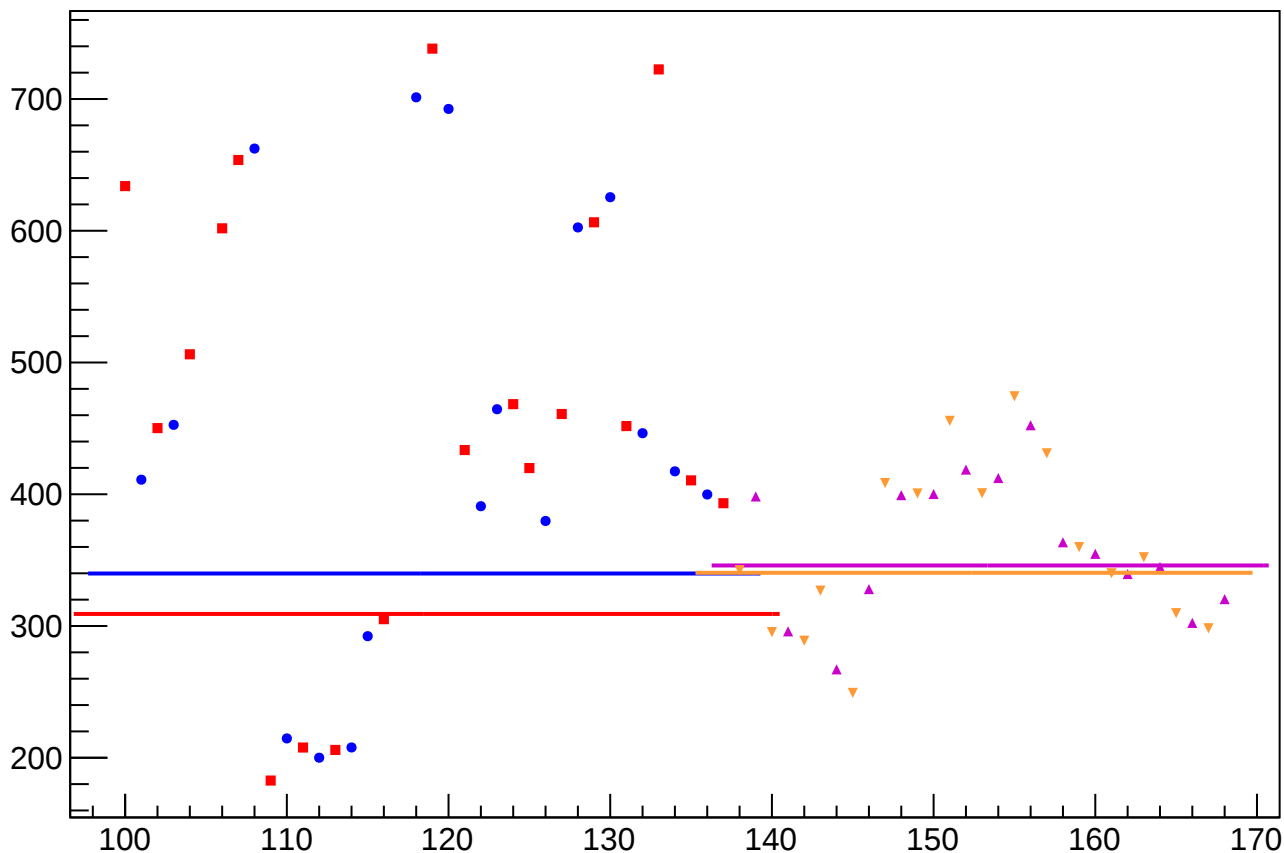
Right: -116.387 ± 96.066 $\chi^2/\text{NDF}: 34.7/35$

In: 173.594 ± 83.045 $\chi^2/\text{NDF}: 36.6/31$

Out: 305.819 ± 79.118 $\chi^2/\text{NDF}: 71.7/34$

All: 242.907 ± 57.283 $\chi^2/\text{NDF}: 109.6/66$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 340.387 ± 0.071 $\chi^2/\text{NDF}: 728395.8/15$

Right Out: 309.158 ± 0.092 $\chi^2/\text{NDF}: 2735887.4/18$

Left In: 345.954 ± 0.072 $\chi^2/\text{NDF}: 506247.5/14$

Left: 343.111 ± 0.050 $\chi^2/\text{NDF}: 1237685.0/30$

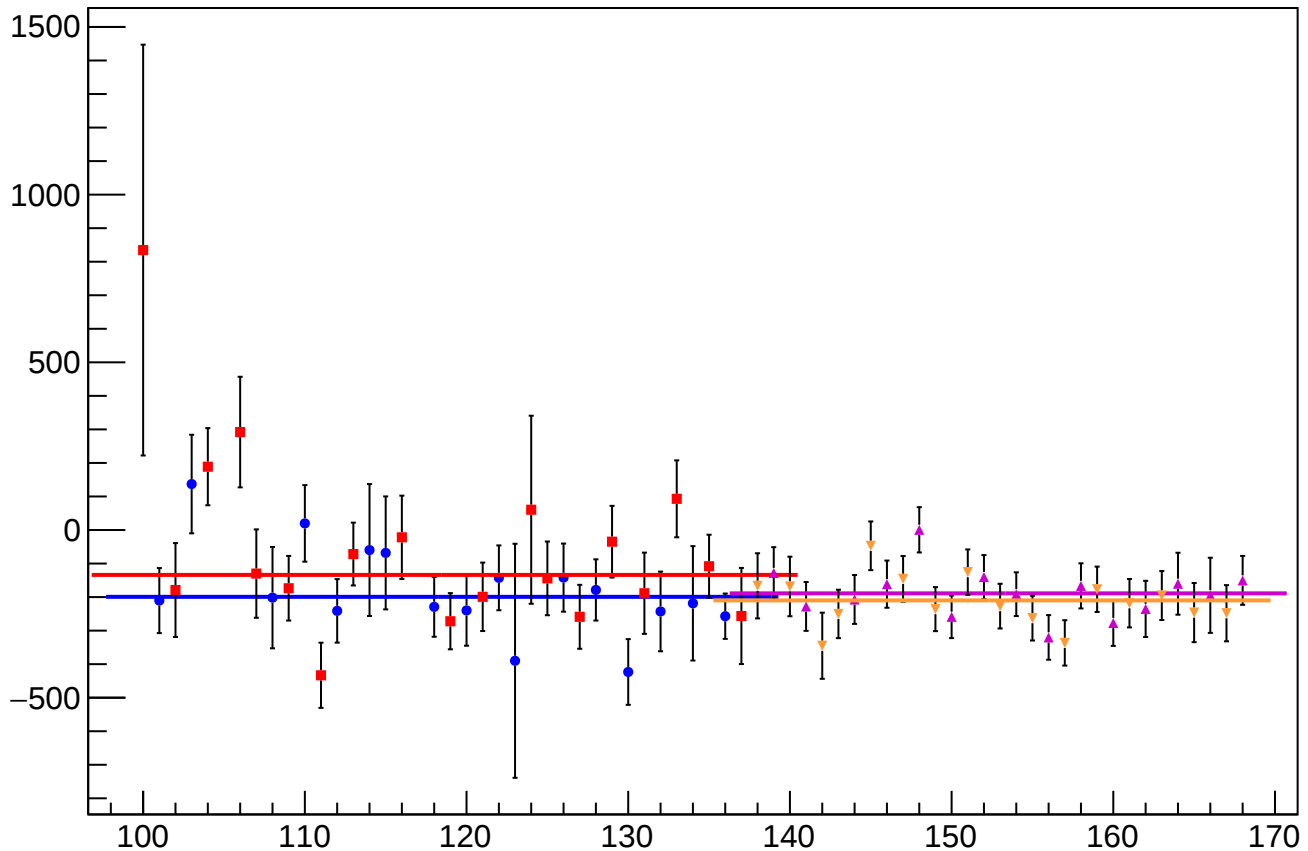
Right: 323.006 ± 0.068 $\chi^2/\text{NDF}: 4829958.1/35$

In: 343.896 ± 0.059 $\chi^2/\text{NDF}: 2552184.6/31$

Out: 328.762 ± 0.056 $\chi^2/\text{NDF}: 3537094.7/34$

All: 335.962 ± 0.041 $\chi^2/\text{NDF}: 6124096.7/66$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -209.855 $\pm$ 18.501 χ^2/NDF : 15.1/15

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -188.882 $\pm$ 18.656 χ^2/NDF : 17.1/14

Left: -199.456 $\pm$ 13.137 χ^2/NDF : 32.9/30

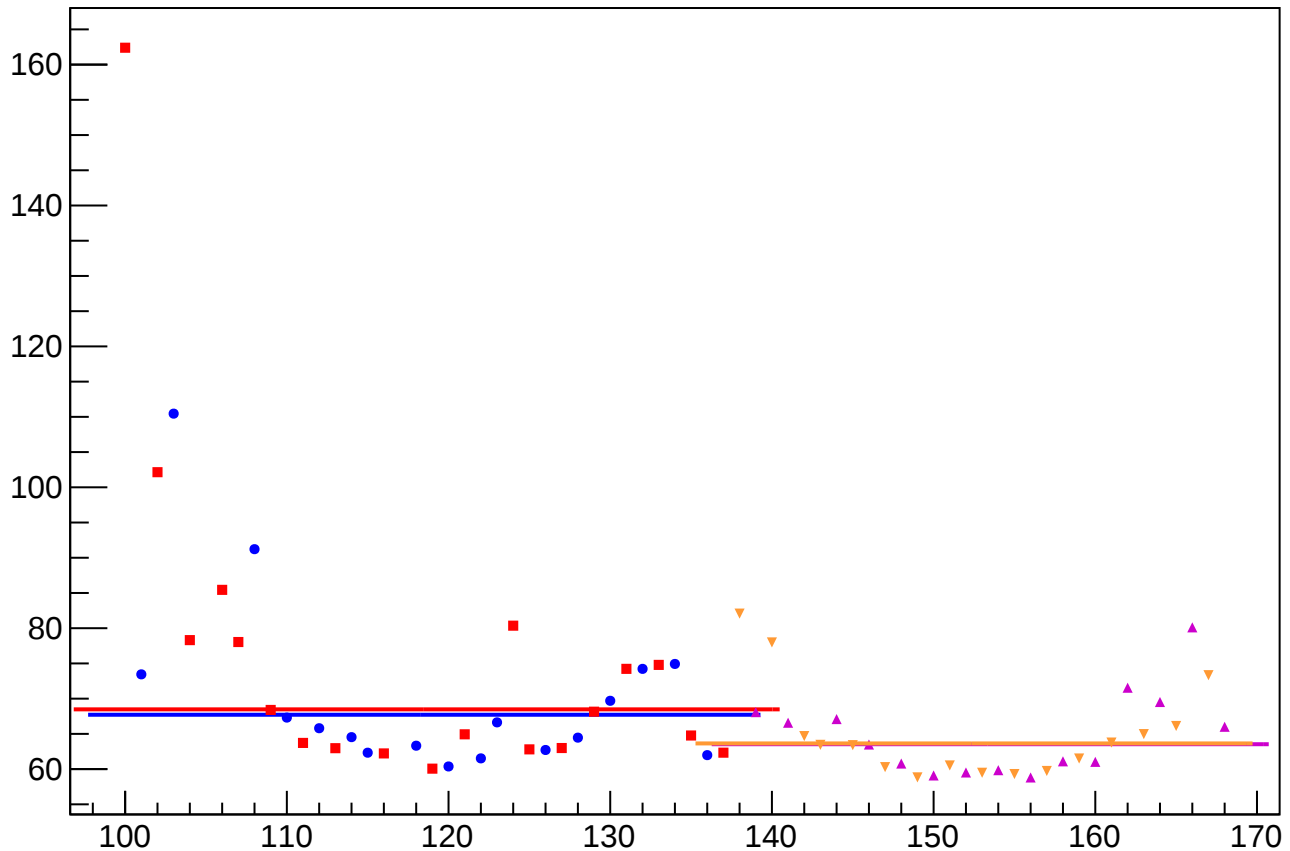
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -192.316 $\pm$ 15.258 χ^2/NDF : 34.9/31

Out: -184.600 $\pm$ 15.118 χ^2/NDF : 59.9/34

All: -188.423 $\pm$ 10.739 χ^2/NDF : 94.9/66

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.644 $\pm$ 0.013 χ^2 /NDF:198253.1/15

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 63.532 $\pm$ 0.013 χ^2 /NDF:130516.2/14

Left: 63.588 $\pm$ 0.009 χ^2 /NDF: 328805.8/30

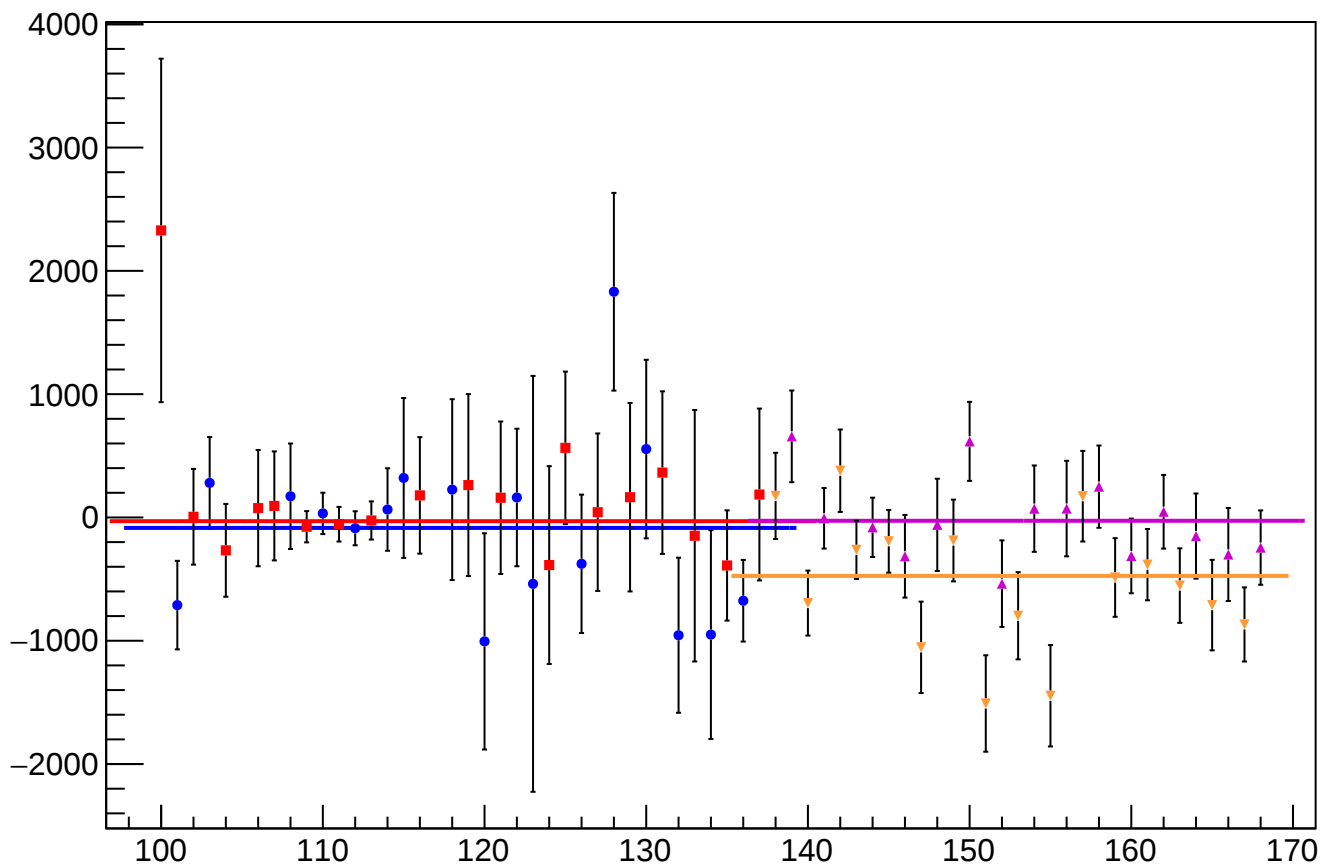
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.917 $\pm$ 0.011 χ^2 /NDF:446711.1/31

Out: 65.251 $\pm$ 0.011 χ^2 /NDF:525096.3/34

All: 65.086 $\pm$ 0.008 χ^2 /NDF: 972291.0/66

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -474.286 $\pm$ 78.965 χ^2/NDF : 34.7/15

Right Out: -30.219 $\pm$ 69.663 χ^2/NDF : 6.3/18

Left In: -27.023 $\pm$ 82.377 χ^2/NDF : 13.3/14

Left: -260.110 $\pm$ 57.005 χ^2/NDF : 63.4/30

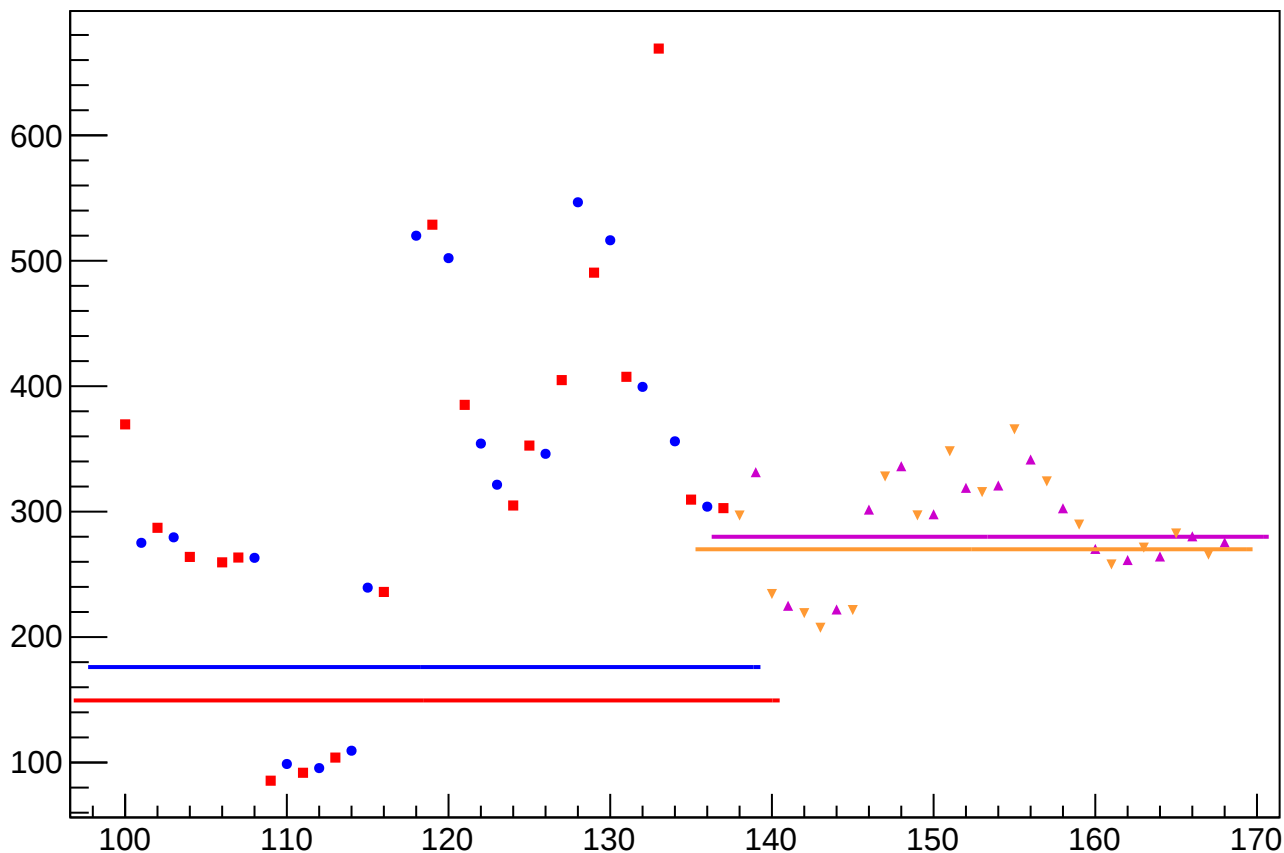
Right: -52.867 $\pm$ 53.271 χ^2/NDF : 26.5/35

In: -55.789 $\pm$ 58.352 χ^2/NDF : 33.4/31

Out: -224.569 $\pm$ 52.240 χ^2/NDF : 58.8/34

All: -149.479 $\pm$ 38.921 χ^2/NDF : 96.9/66

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 269.993 $\pm$ 0.056 χ^2 /NDF: 648518.8/15

Right Out: 149.484 $\pm$ 0.049 χ^2 /NDF: 4820971.0/18

Left In: 279.971 $\pm$ 0.058 χ^2 /NDF: 440916.1/14

Left: 274.771 $\pm$ 0.040 χ^2 /NDF: 1104726.0/30

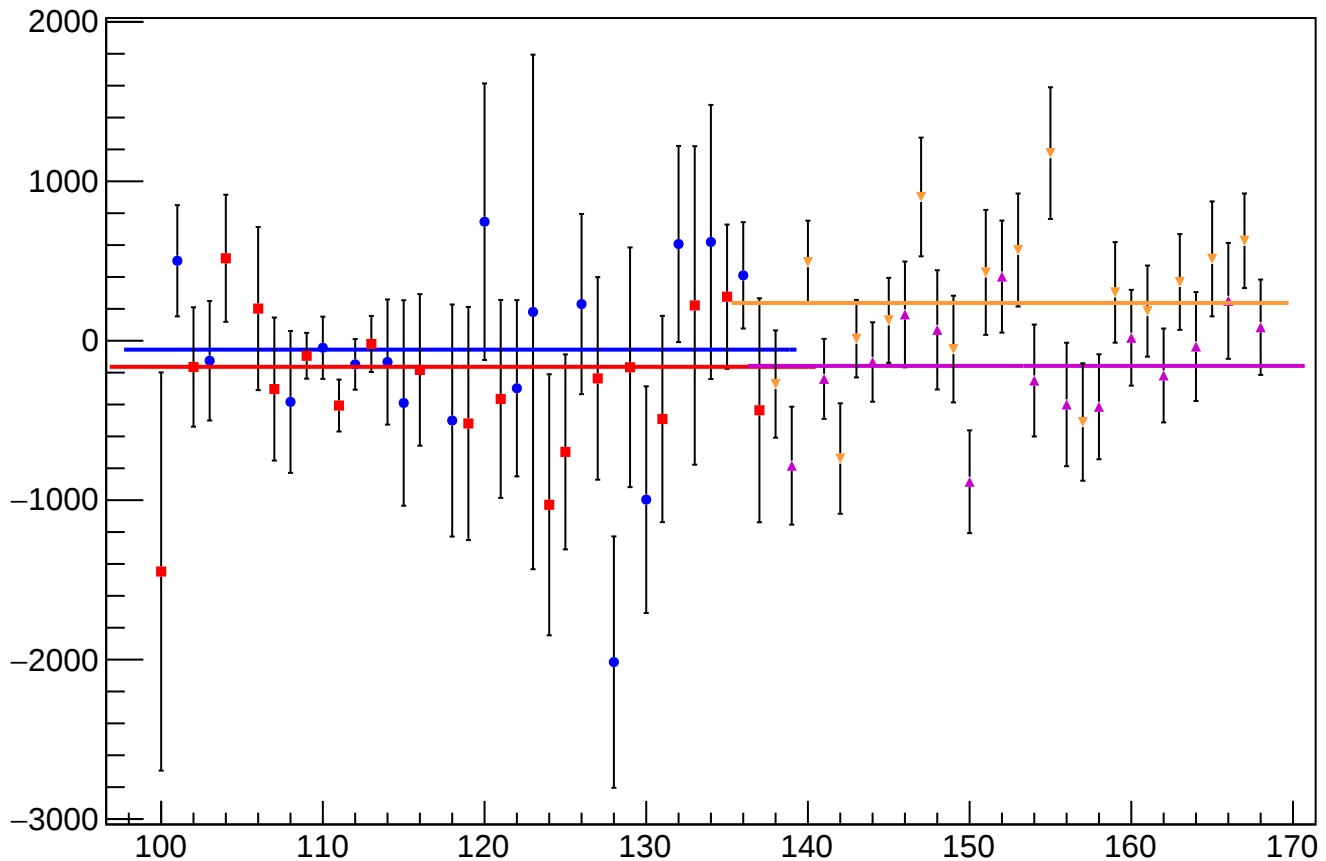
Right: 160.534 $\pm$ 0.038 χ^2 /NDF: 9165825.3/35

In: 228.216 $\pm$ 0.041 χ^2 /NDF: 6249005.0/31

Out: 202.226 $\pm$ 0.037 χ^2 /NDF: 8088925.4/34

All: 213.789 $\pm$ 0.028 χ^2 /NDF: 14558186.6/60

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 237.002 ± 79.247 $\chi^2/\text{NDF}: 29.1/15$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -157.838 ± 82.425 $\chi^2/\text{NDF}: 15.4/14$

Left: 47.339 ± 57.127 $\chi^2/\text{NDF}: 56.5/30$

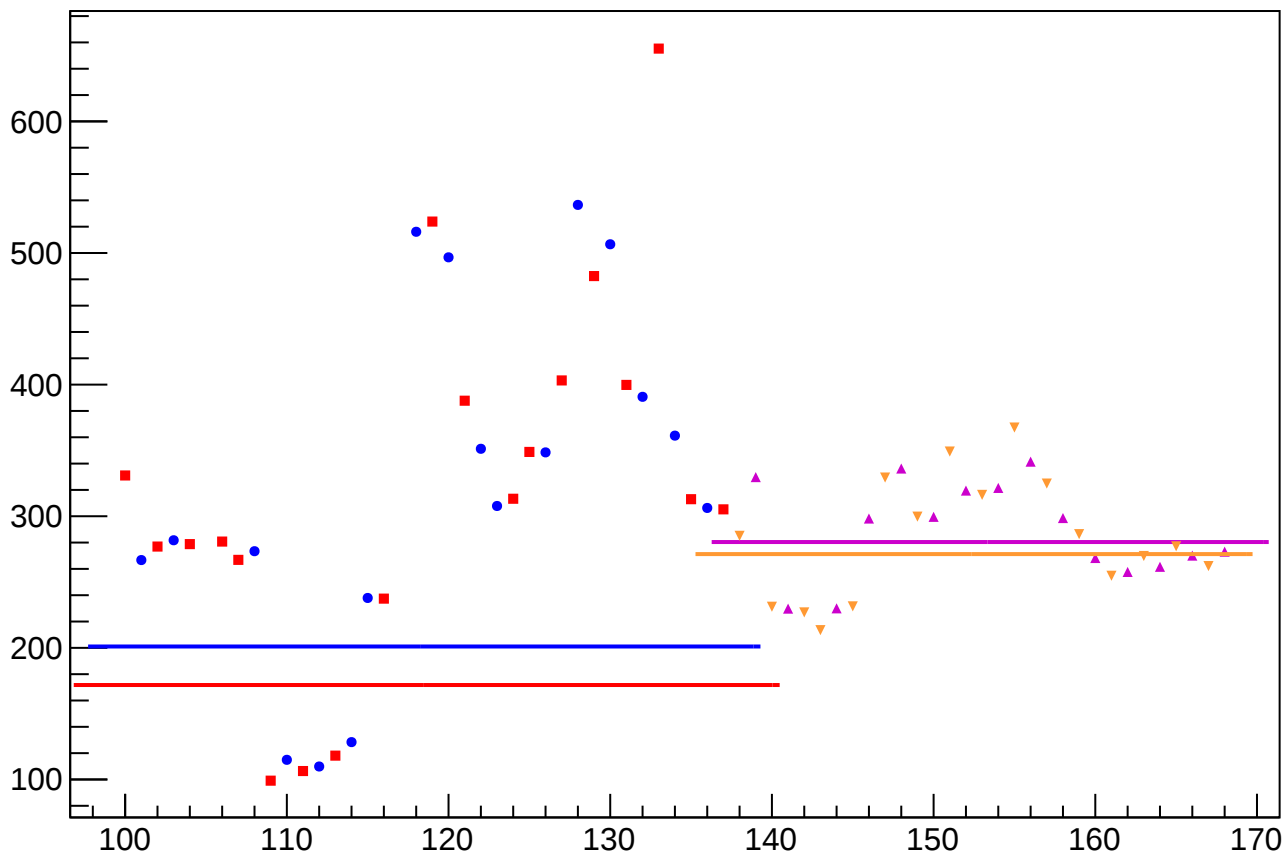
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -111.579 ± 60.960 $\chi^2/\text{NDF}: 33.2/31$

Out: 30.766 ± 55.197 $\chi^2/\text{NDF}: 53.7/34$

All: -33.361 ± 40.917 $\chi^2/\text{NDF}: 90.0/66$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 271.240 $\pm$ 0.056 χ^2 /NDF: 579768.3/15

Right Out: 171.765 $\pm$ 0.054 χ^2 /NDF: 4098218.1/18

Left In: 280.399 $\pm$ 0.058 χ^2 /NDF: 388132.3/14

Left: 275.639 $\pm$ 0.040 χ^2 /NDF: 980732.6/30

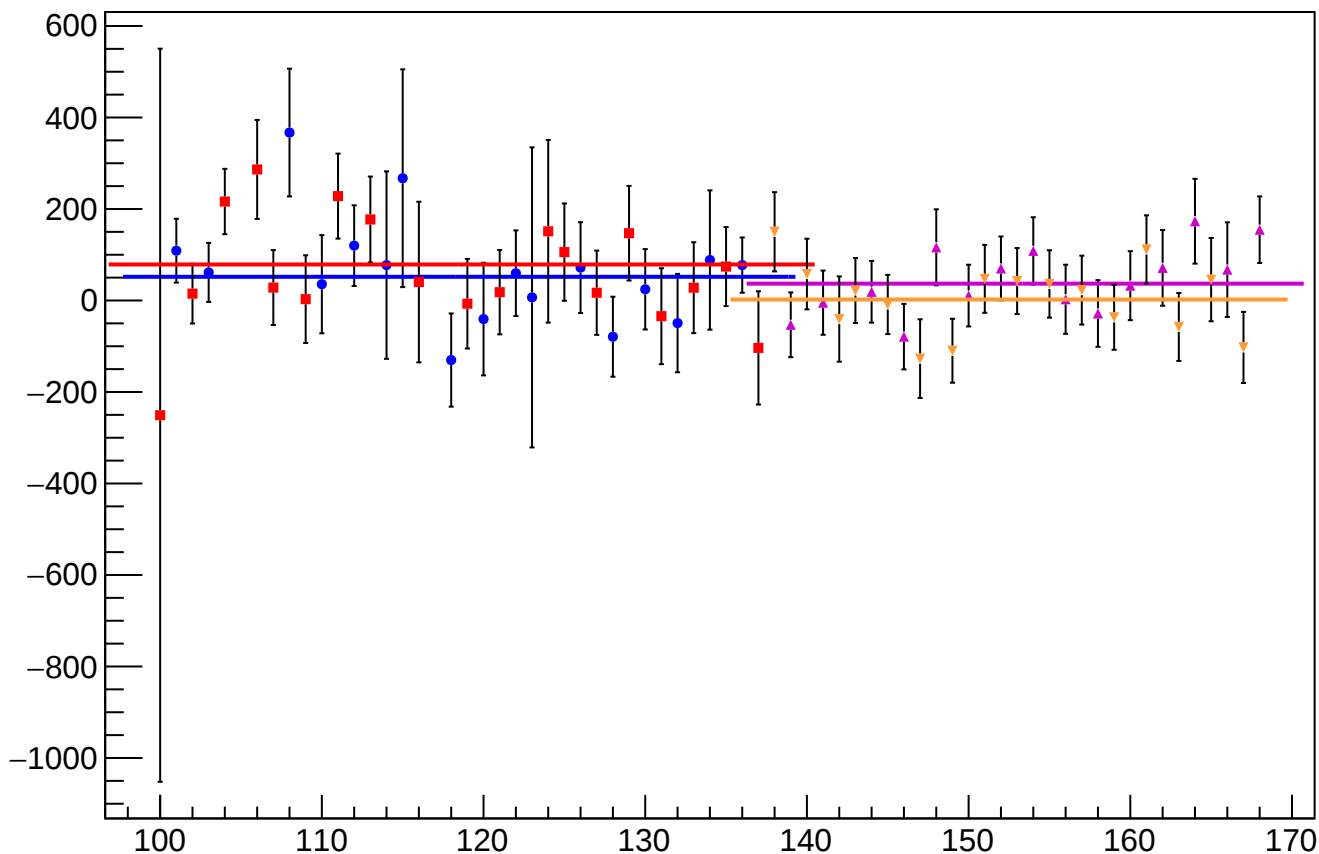
Right: 184.032 $\pm$ 0.041 χ^2 /NDF: 7652597.2/35

In: 244.447 $\pm$ 0.043 χ^2 /NDF: 4661099.1/31

Out: 220.024 $\pm$ 0.039 χ^2 /NDF: 6300452.8/34

All: 231.027 $\pm$ 0.029 χ^2 /NDF: 11137944.2/60

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: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 36.838 $\pm$ 19.402 χ^2 /NDF:13.0/14

Left: 19.105 $\pm$ 13.572 χ^2 /NDF: 29.3/30

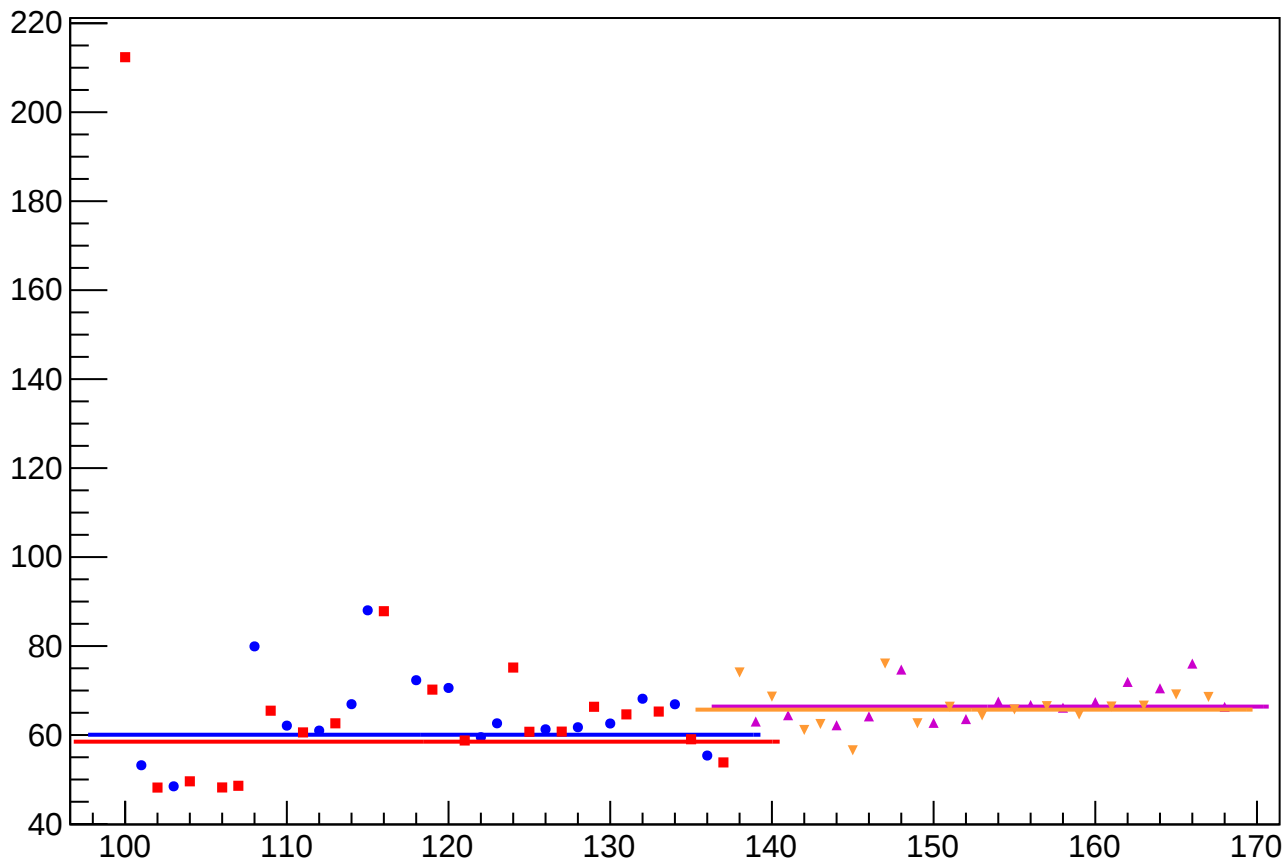
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 42.891 $\pm$ 14.972 χ^2 /NDF:27.7/31

Out: 34.013 $\pm$ 14.510 χ^2 /NDF:40.6/34

All: 38.313 $\pm$ 10.420 χ^2 /NDF: 68.5/66

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: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 66.392 $\pm$ 0.014 χ^2/NDF : 76083.1/14

Left: 66.042 $\pm$ 0.010 χ^2/NDF : 188128.6/30

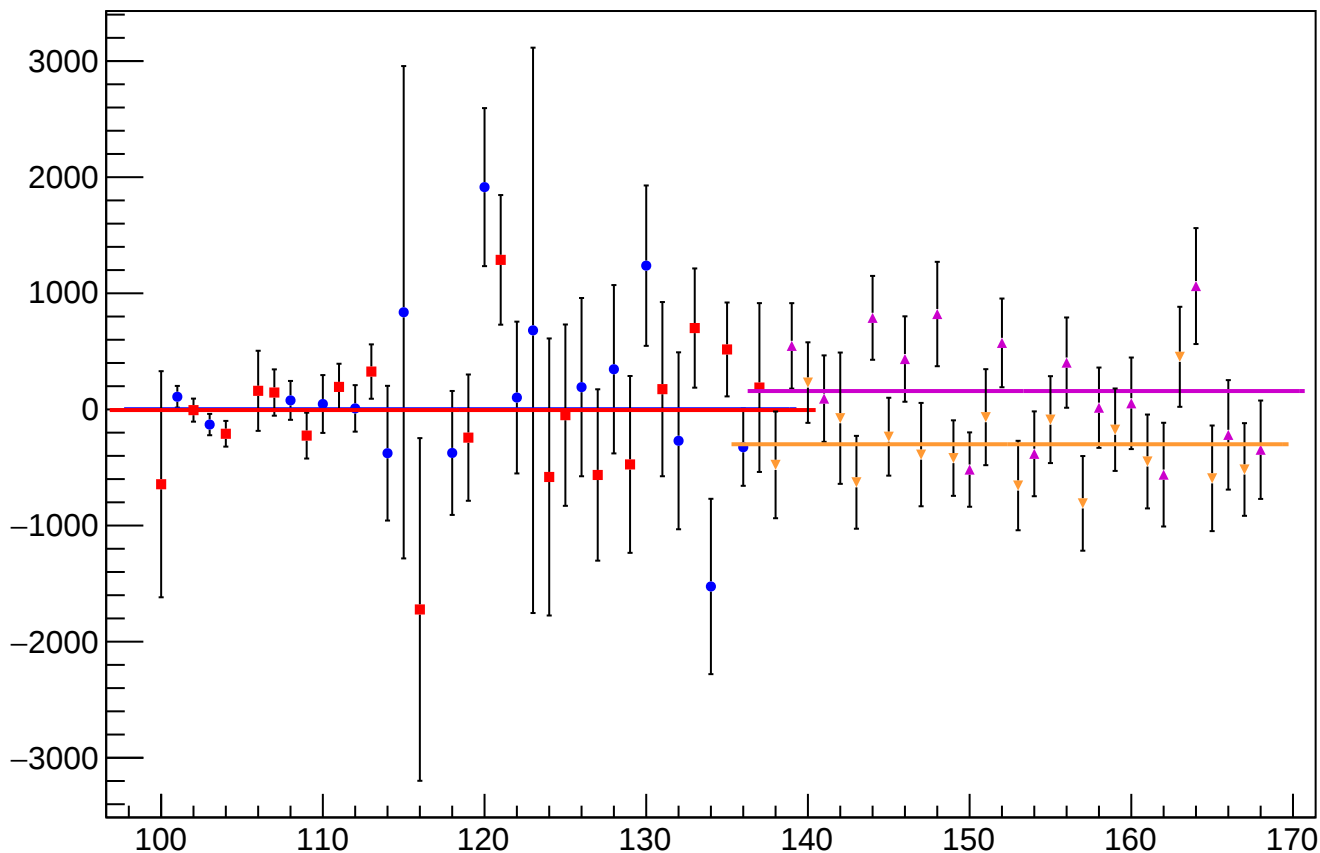
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 63.833 $\pm$ 0.011 χ^2/NDF : 391219.1/31

Out: 62.710 $\pm$ 0.010 χ^2/NDF : 579163.5/34

All: 63.254 $\pm$ 0.007 χ^2/NDF : 976182.0/66

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -299.876 $\pm$ 98.950 χ^2 /NDF:10.6/15

Right Out: -5.402 $\pm$ 56.516 χ^2 /NDF: 20.7/18

Left In: 158.286 $\pm$ 100.398 χ^2 /NDF:23.3/14

Left: -74.122 $\pm$ 70.475 χ^2 /NDF: 44.5/30

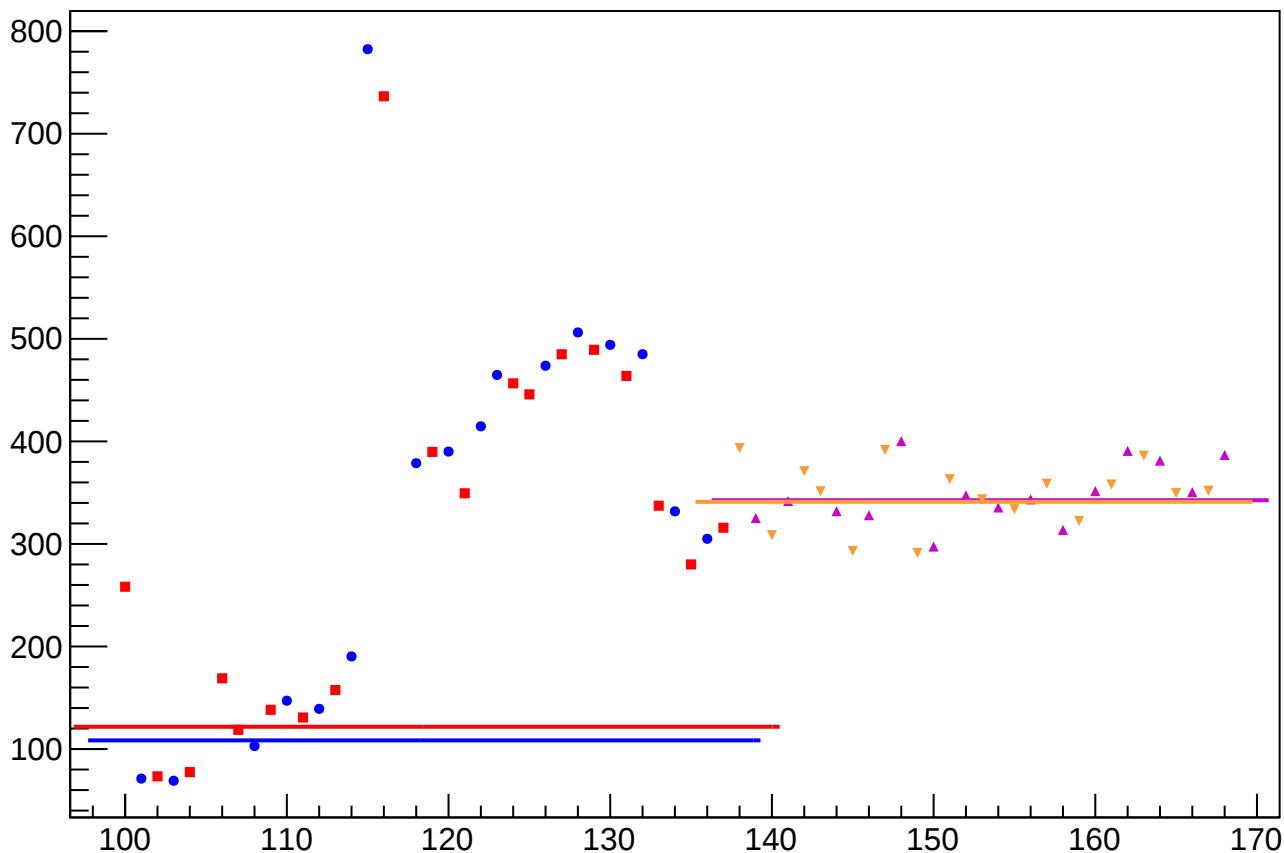
Right: -1.770 $\pm$ 39.150 χ^2 /NDF: 42.1/35

In: 37.029 $\pm$ 47.751 χ^2 /NDF:46.6/31

Out: -77.836 $\pm$ 49.075 χ^2 /NDF:38.0/34

All: -18.832 $\pm$ 34.224 χ^2 /NDF: 87.4/66

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 341.089+/-0.070 χ^2/NDF : 207344.3/15

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 342.626+/-0.071 χ^2/NDF : 155456.9/14

Left: 341.846+/-0.050 χ^2/NDF : 363038.7/30

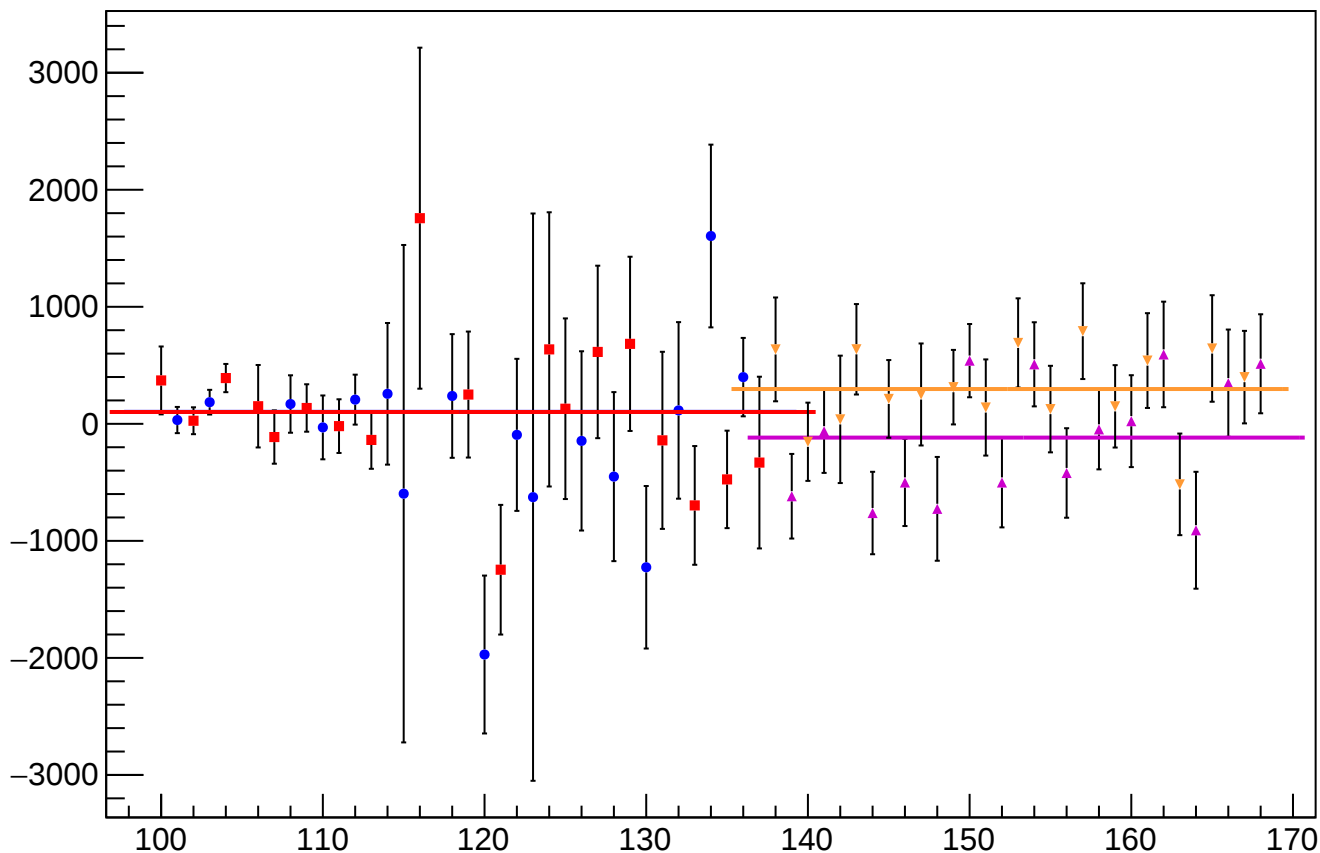
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 161.420+/-0.034 χ^2/NDF : 13979447.1/31

Out: 175.714+/-0.035 χ^2/NDF : 12387311.8/34

All: 168.371+/-0.024 χ^2/NDF : 26453912.2/66

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 297.395 $\pm$ 97.532 χ^2 /NDF:11.1/15

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -117.668 $\pm$ 99.103 χ^2 /NDF:25.7/14

Left: 93.179 $\pm$ 69.514 χ^2 /NDF: 45.7/30

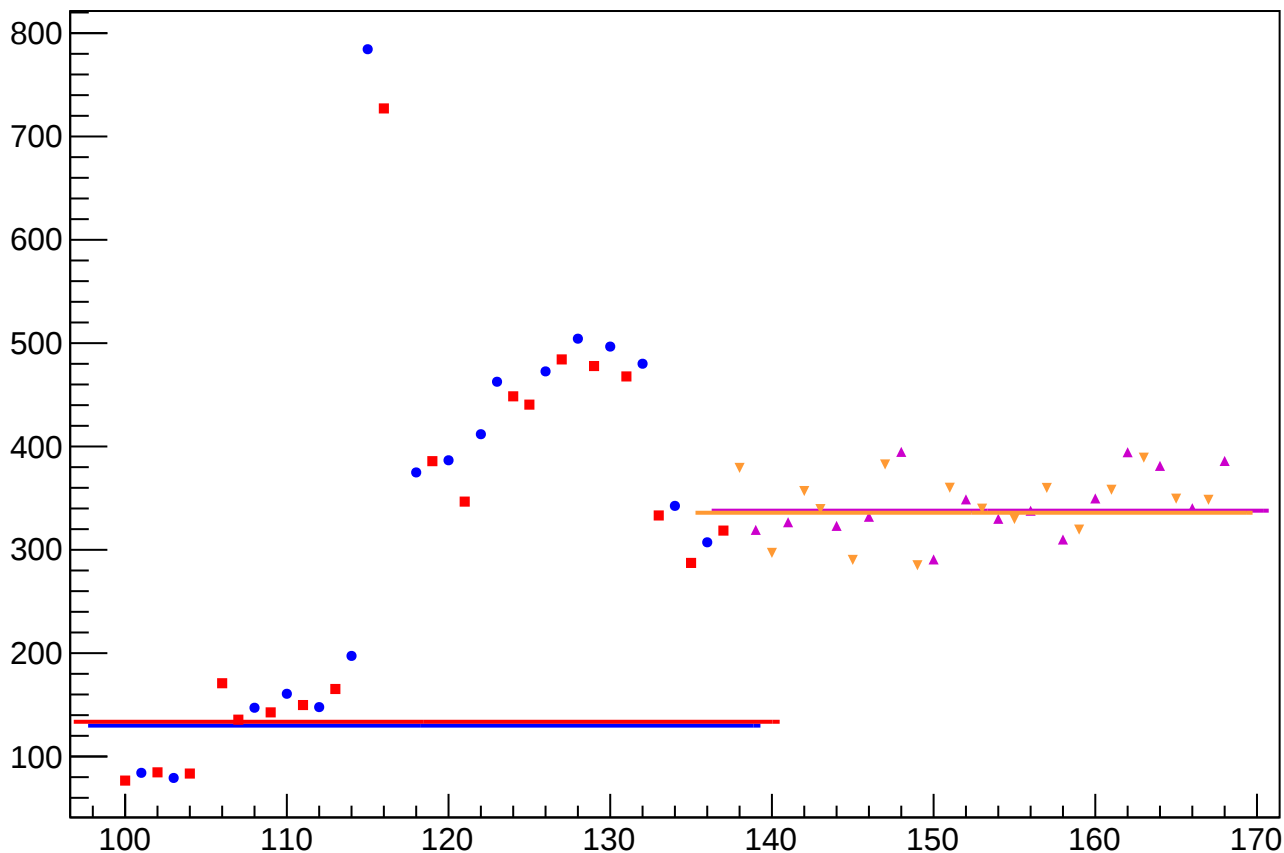
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 38.753 $\pm$ 53.243 χ^2 /NDF:49.5/31

Out: 156.201 $\pm$ 51.624 χ^2 /NDF:36.6/34

All: 99.290 $\pm$ 37.063 χ^2 /NDF: 88.6/66

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 335.886+/-0.069 χ^2/NDF : 219886.7/15

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 337.881+/-0.070 χ^2/NDF : 179795.8/14

Left: 336.867+/-0.049 χ^2/NDF : 400094.2/30

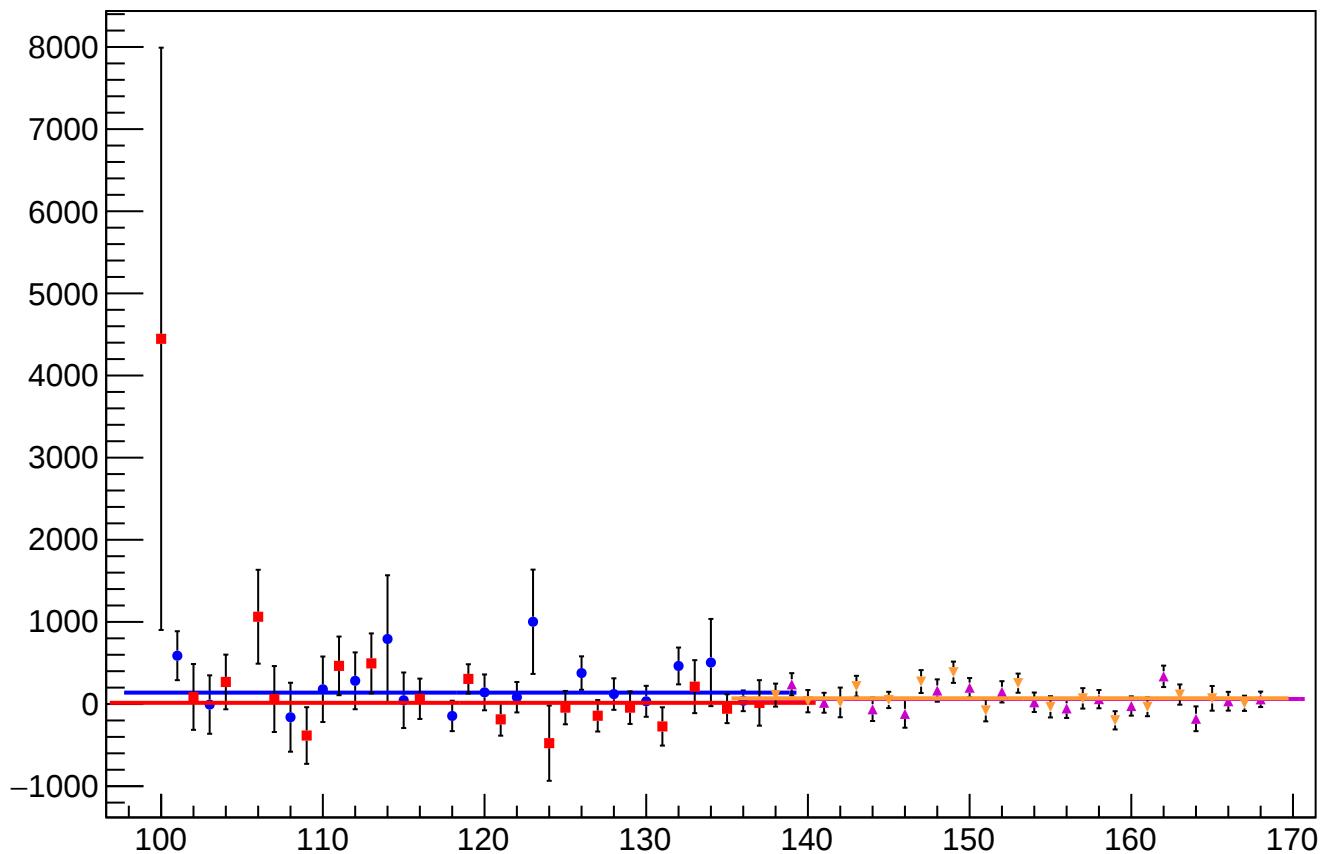
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 189.920+/-0.038 χ^2/NDF : 11276353.2/31

Out: 190.275+/-0.037 χ^2/NDF : 10776035.9/34

All: 190.103+/-0.026 χ^2/NDF : 22052435.0/66

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 70.194 $\pm$ 30.865 χ^2 /NDF:21.3/15

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 61.694 $\pm$ 31.896 χ^2 /NDF:14.9/14

Left: 66.084 $\pm$ 22.180 χ^2 /NDF: 36.3/30

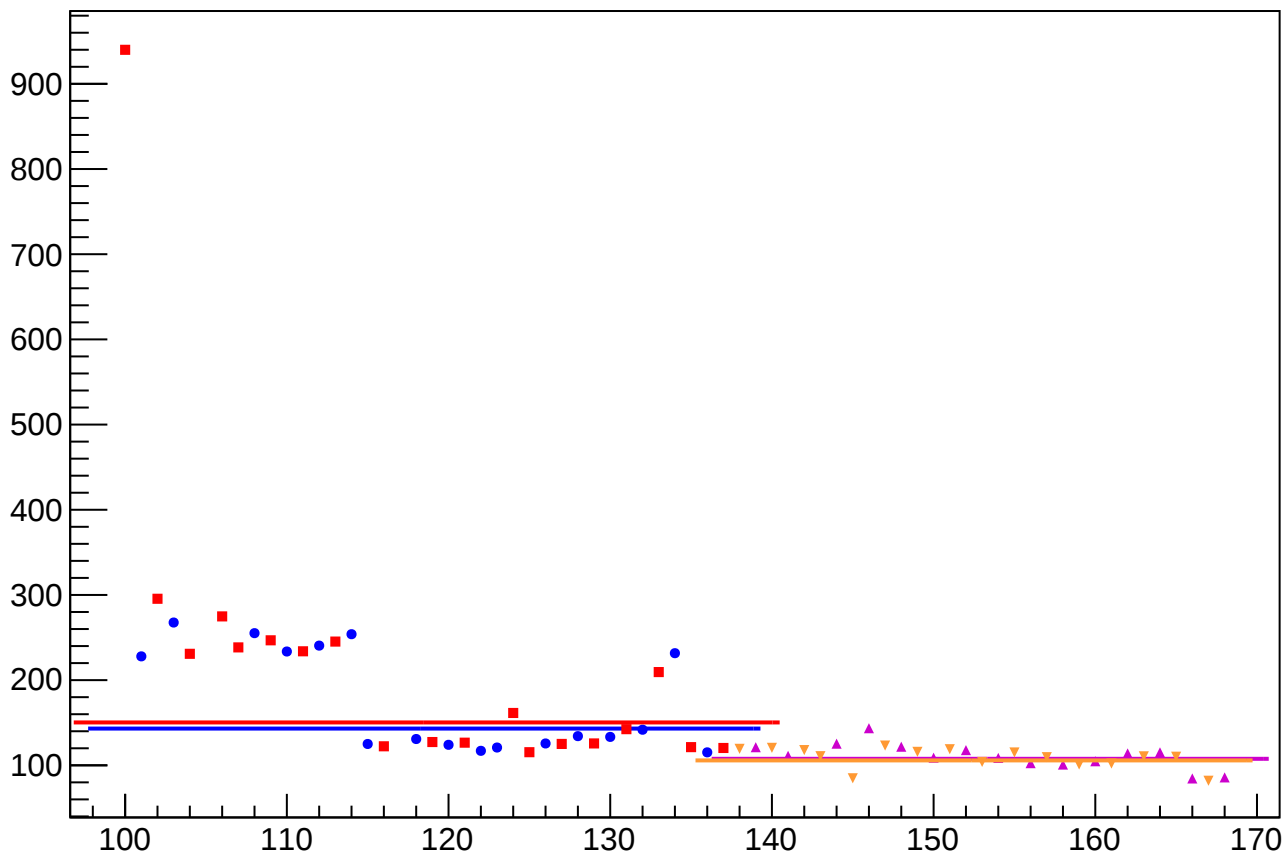
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 79.675 $\pm$ 27.947 χ^2 /NDF:29.3/31

Out: 58.662 $\pm$ 27.458 χ^2 /NDF:40.0/34

All: 68.983 $\pm$ 19.586 χ^2 /NDF: 69.6/66

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 105.769 $\pm$ 0.022 χ^2 /NDF: 362914.8/15

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 107.650 $\pm$ 0.023 χ^2 /NDF: 388775.7/14

Left: 106.679 $\pm$ 0.016 χ^2 /NDF: 755281.6/30

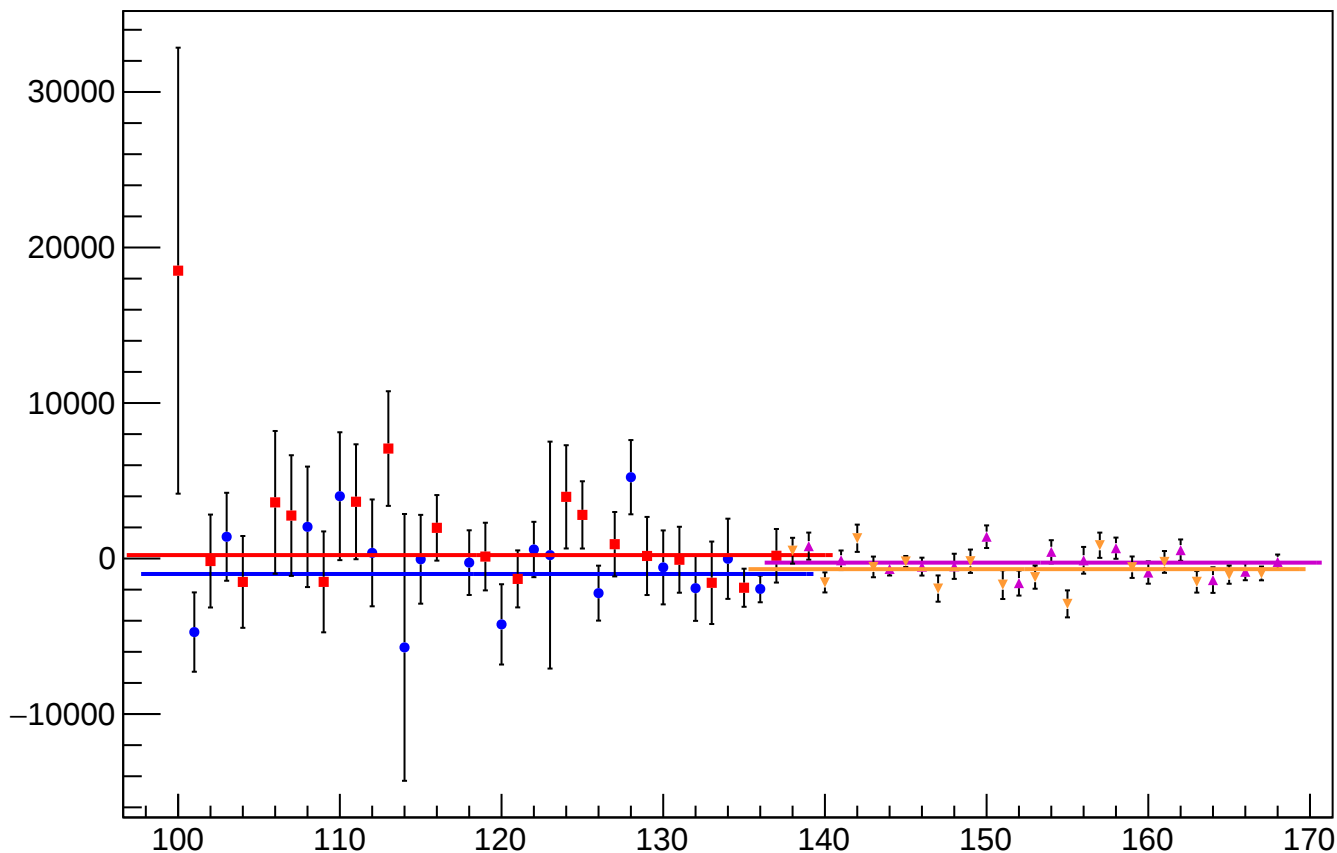
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 115.895 $\pm$ 0.020 χ^2 /NDF: 2065263.2/31

Out: 115.066 $\pm$ 0.019 χ^2 /NDF: 2664786.0/34

All: 115.473 $\pm$ 0.014 χ^2 /NDF: 4730944.4/66

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -682.592+/-160.810 χ^2/NDF : 28.0/15

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -264.158+/-166.372 χ^2/NDF : 18.6/14

Left: -480.486+/-115.626 χ^2/NDF : 49.9/30

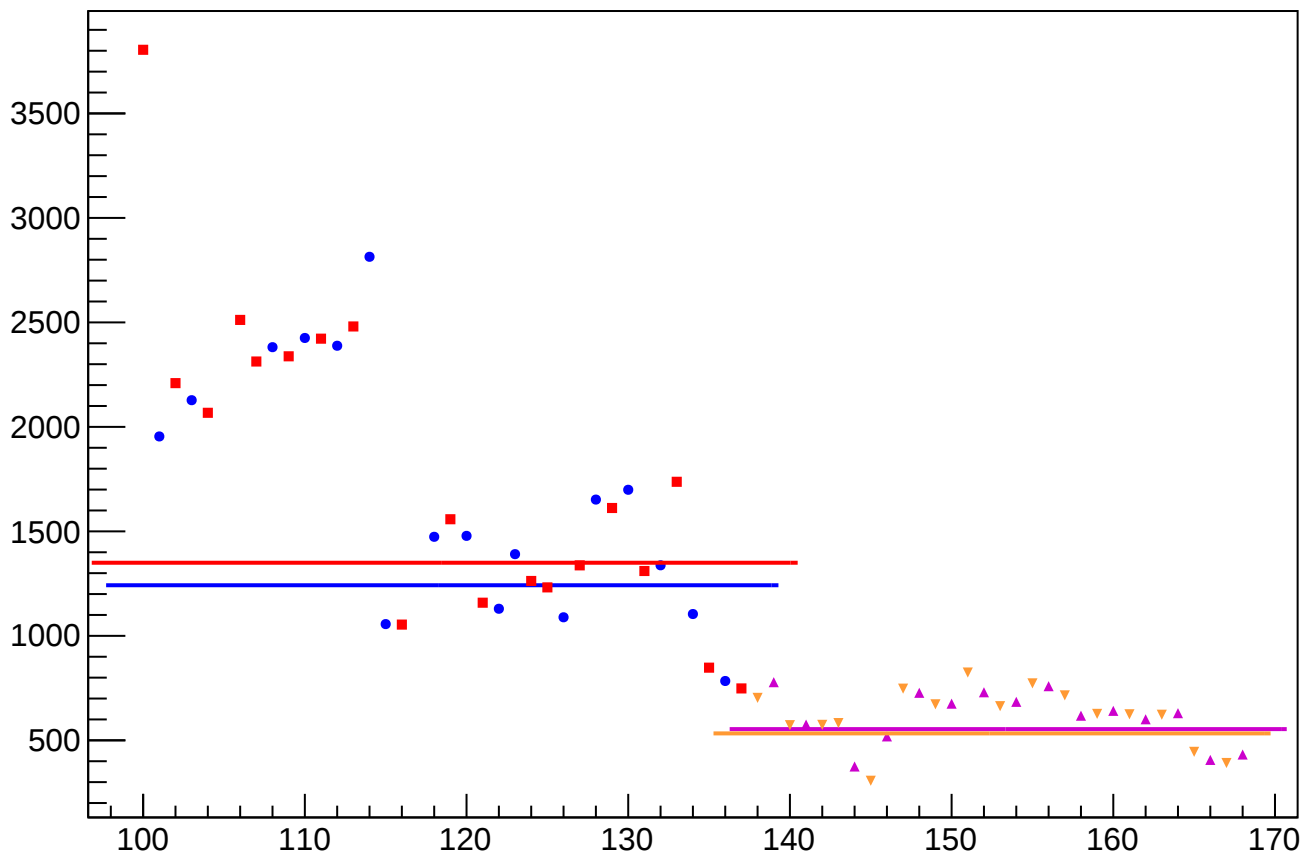
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -332.754+/-158.358 χ^2/NDF : 37.4/31

Out: -609.810+/-154.200 χ^2/NDF : 45.7/34

All: -474.967+/-110.477 χ^2/NDF : 84.7/66

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 533.164+/-0.114 χ^2/NDF : 1992340.6/15

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 553.716+/-0.118 χ^2/NDF : 1274906.5/14

Left: 543.091+/-0.082 χ^2/NDF : 3283025.9/30

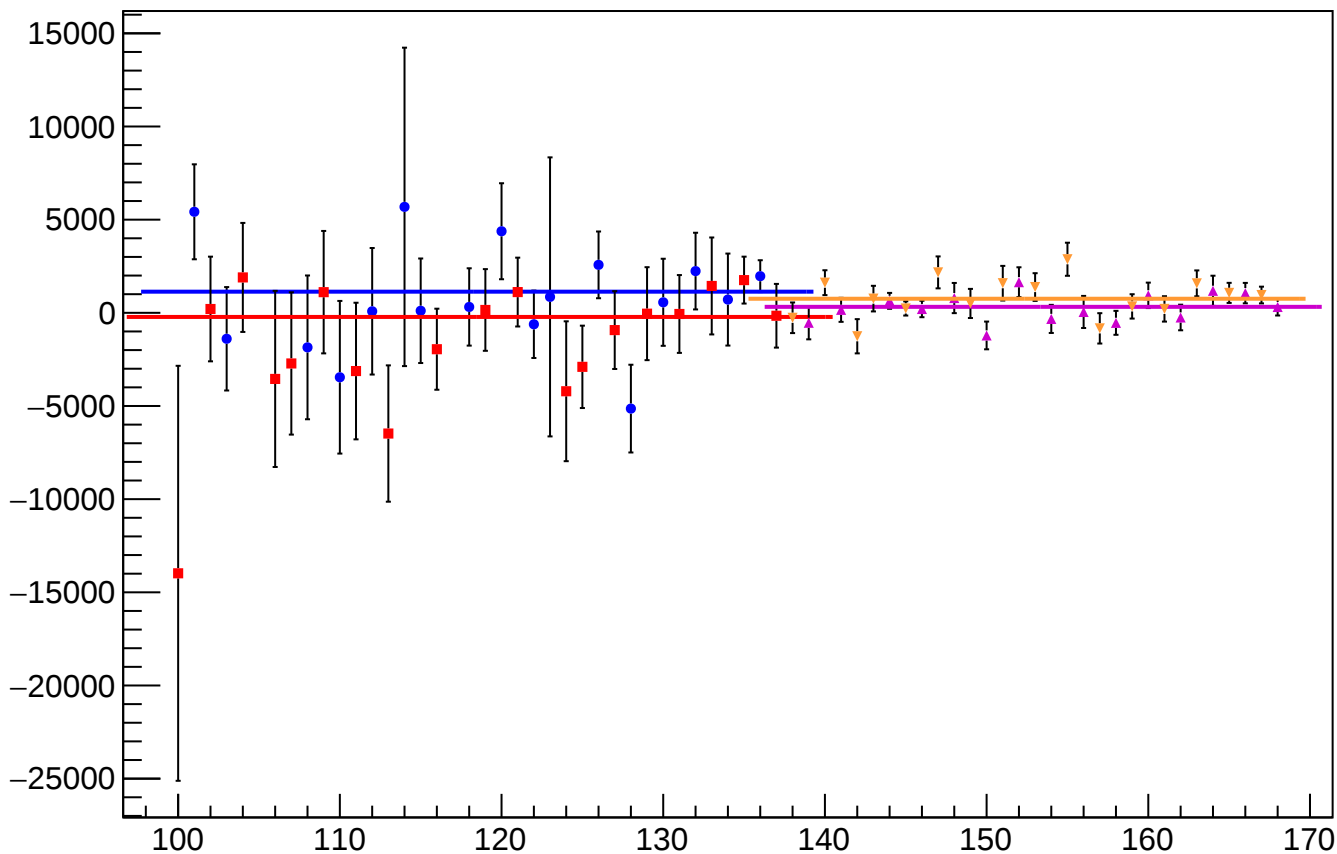
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 618.442+/-0.112 χ^2/NDF : 6262093.5/31

Out: 598.922+/-0.109 χ^2/NDF : 8013724.6/34

All: 608.423+/-0.078 χ^2/NDF : 14291416.5/66

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: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

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

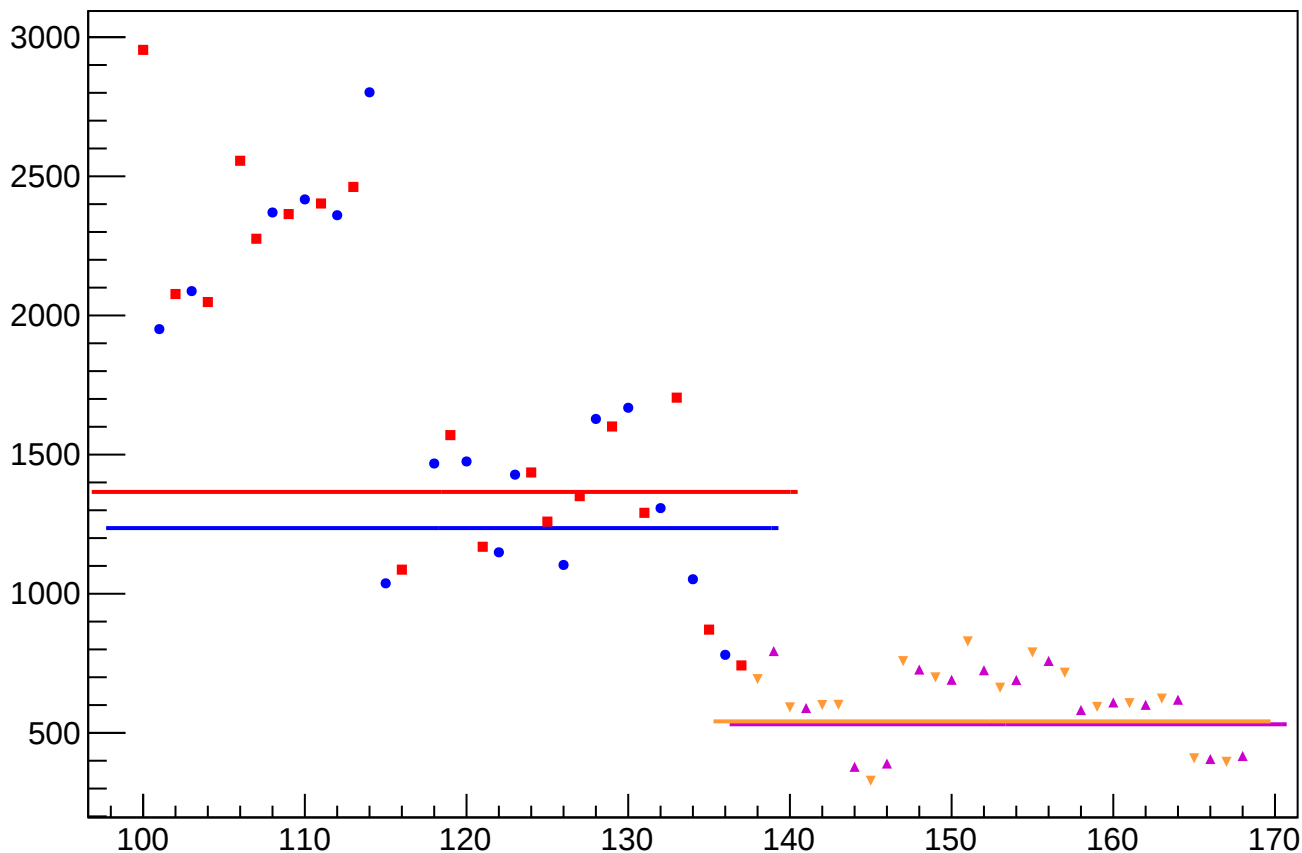
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 393.797 $\pm$ 153.515 χ^2 /NDF: 36.1/31

Out: 676.528 $\pm$ 156.202 χ^2 /NDF: 43.2/34

All: 532.710 $\pm$ 109.489 χ^2 /NDF: 80.9/66

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 541.363+/-0.115 χ^2/NDF : 1821206.4/15

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 530.942+/-0.114 χ^2/NDF : 1521363.8/14

Left: 536.084+/-0.081 χ^2/NDF : 3346711.7/30

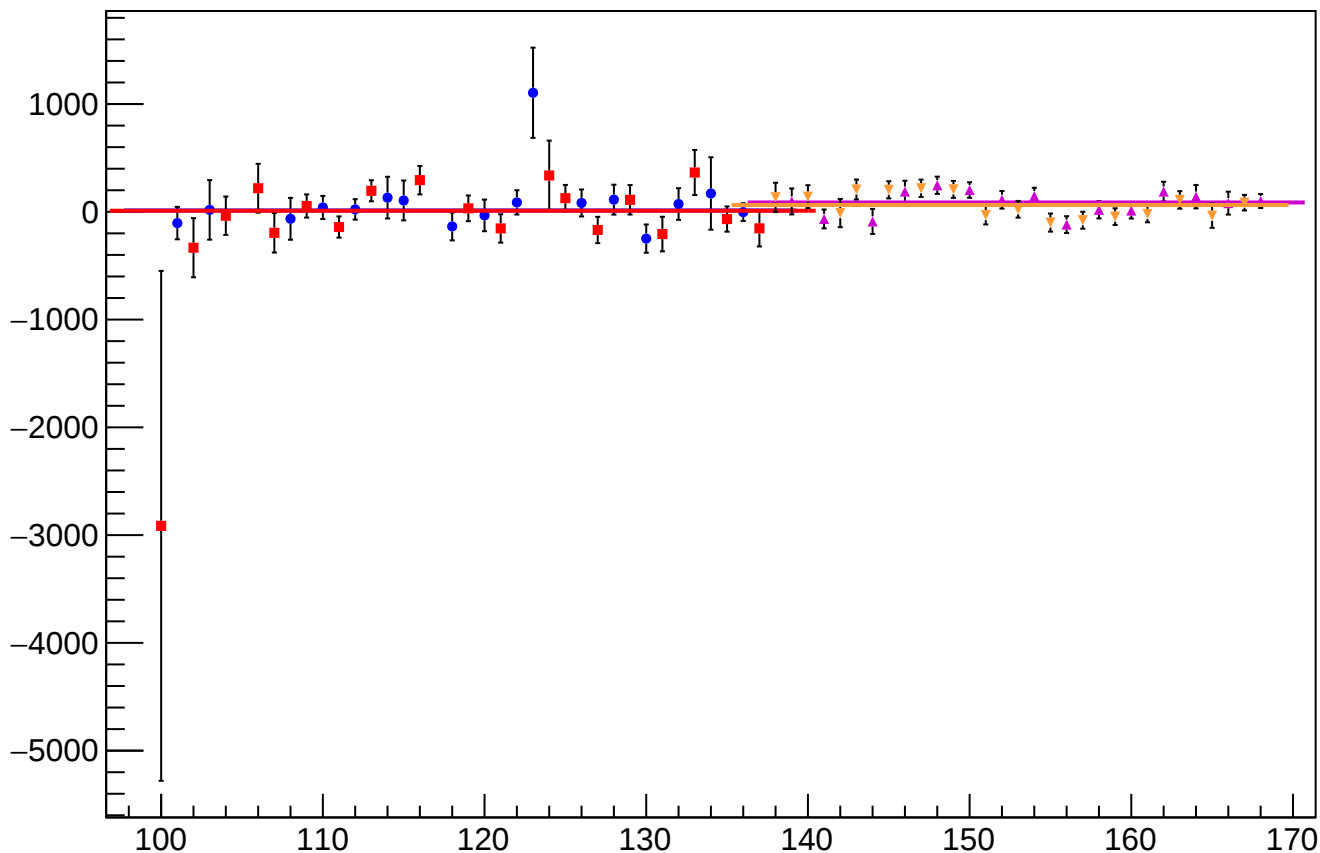
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 593.886+/-0.109 χ^2/NDF : 6696730.4/31

Out: 608.474+/-0.110 χ^2/NDF : 7738152.8/34

All: 601.053+/-0.077 χ^2/NDF : 14443756.4/60

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 62.986 $\pm$ 21.566 χ^2 /NDF: 26.5/15

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 86.807 $\pm$ 21.969 χ^2 /NDF: 23.8/14

Left: 74.676 $\pm$ 15.390 χ^2 /NDF: 50.9/30

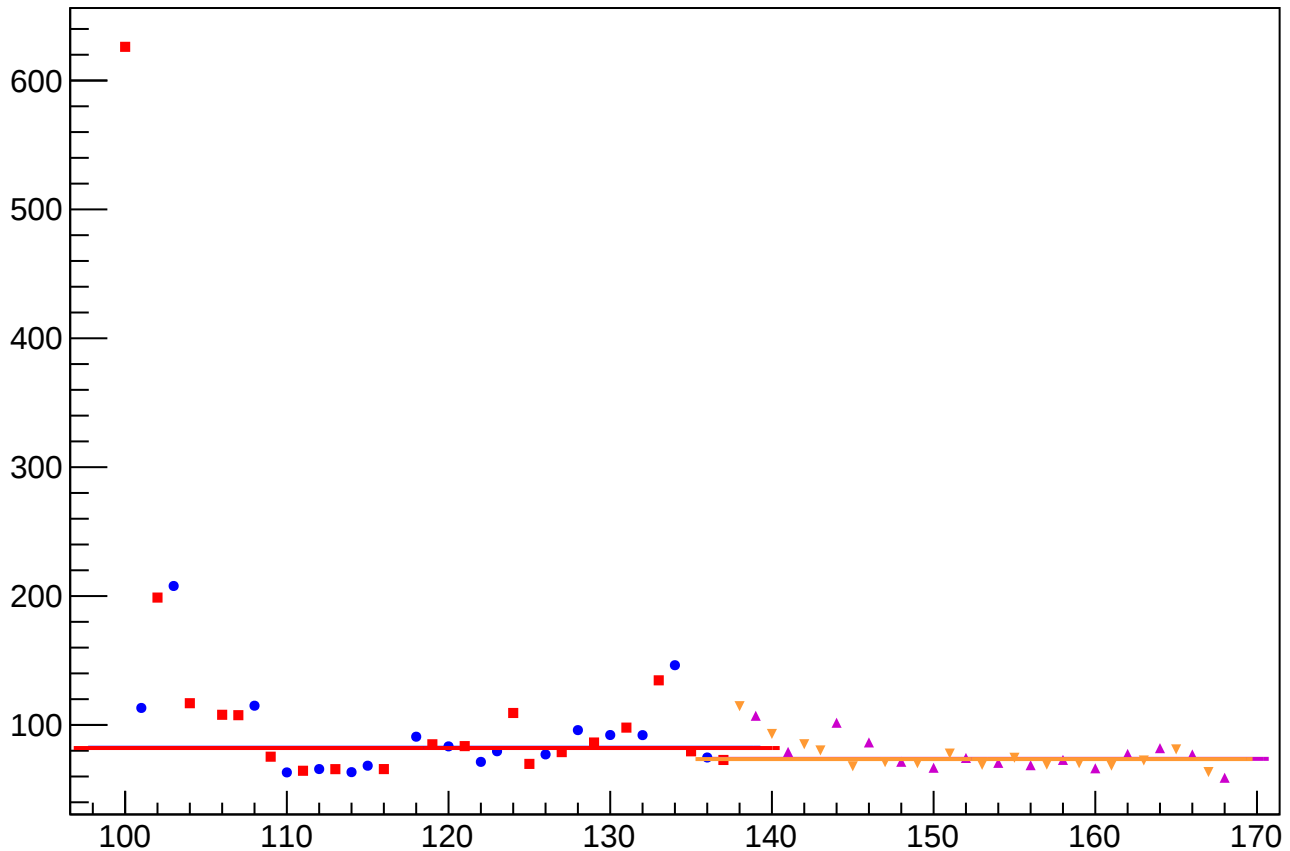
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 64.146 $\pm$ 18.326 χ^2 /NDF: 42.7/31

Out: 46.870 $\pm$ 17.987 χ^2 /NDF: 56.6/34

All: 55.347 $\pm$ 12.837 χ^2 /NDF: 99.7/66

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: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 73.696 $\pm$ 0.016 χ^2 /NDF: 480326.6/14

Left: 73.606 $\pm$ 0.011 χ^2 /NDF: 851269.2/30

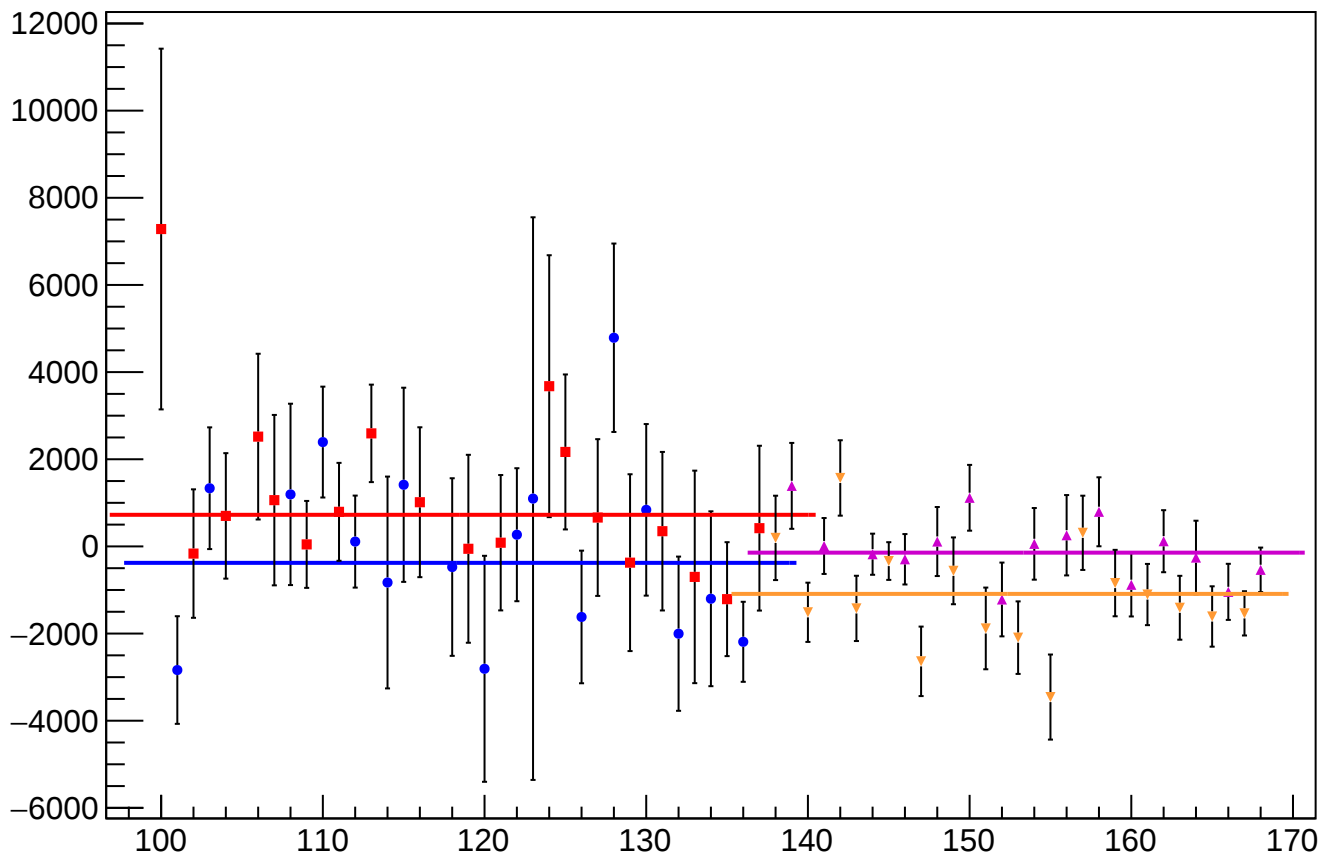
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 76.315 $\pm$ 0.013 χ^2 /NDF: 1442503.3/31

Out: 76.128 $\pm$ 0.013 χ^2 /NDF: 1426045.3/34

All: 76.220 $\pm$ 0.009 χ^2 /NDF: 2868654.3/66

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -1089.846 ± 178.046 $\chi^2/\text{NDF}: 31.5/15$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: -143.369 ± 178.319 $\chi^2/\text{NDF}: 12.4/14$

Left: -617.333 ± 125.994 $\chi^2/\text{NDF}: 58.0/30$

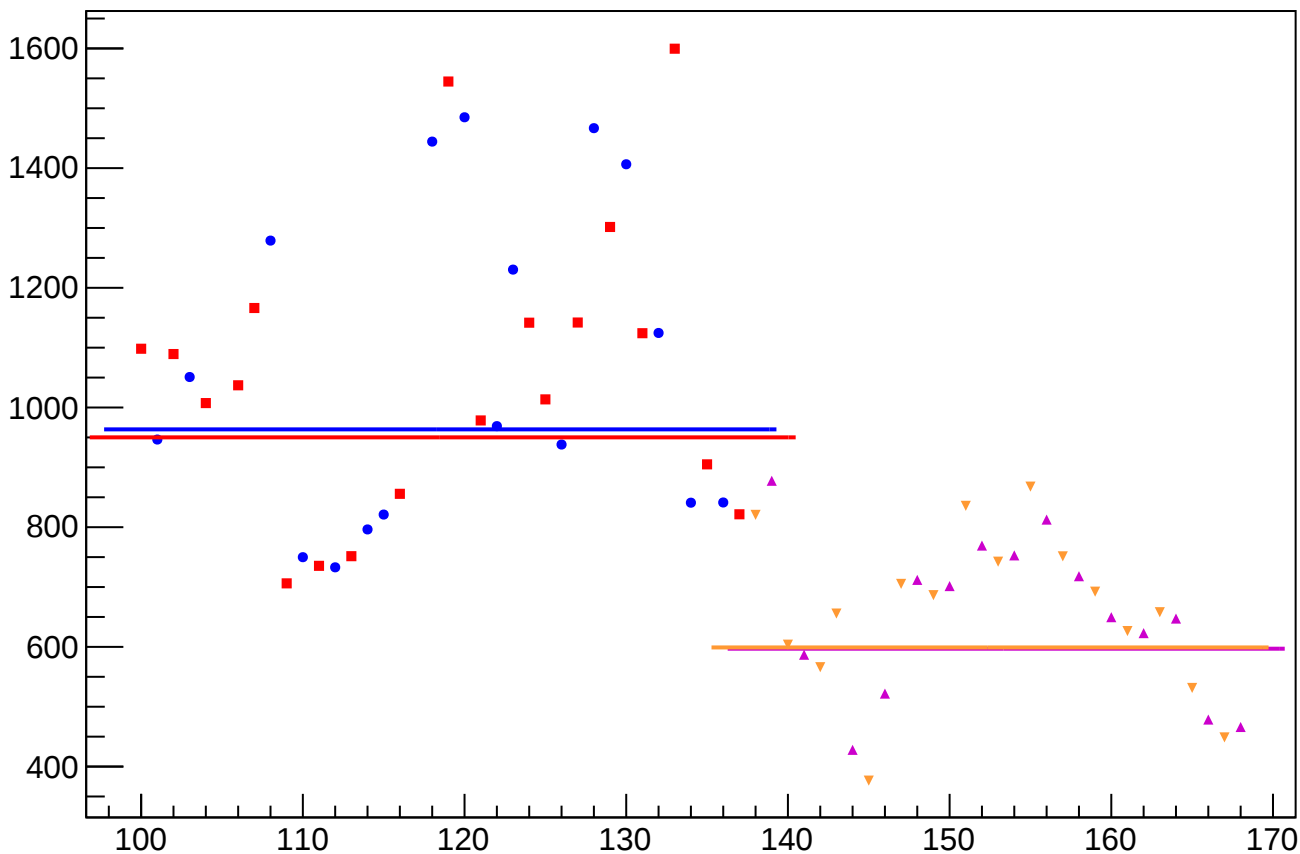
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -184.889 ± 161.724 $\chi^2/\text{NDF}: 37.2/31$

Out: -744.305 ± 160.204 $\chi^2/\text{NDF}: 63.2/34$

All: -467.238 ± 113.815 $\chi^2/\text{NDF}: 106.4/66$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 599.066+/-0.126 χ^2/NDF :1352065.3/15

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 596.957+/-0.126 χ^2/NDF :1063847.0/14

Left: 598.014+/-0.089 χ^2/NDF : 2416052.4/30

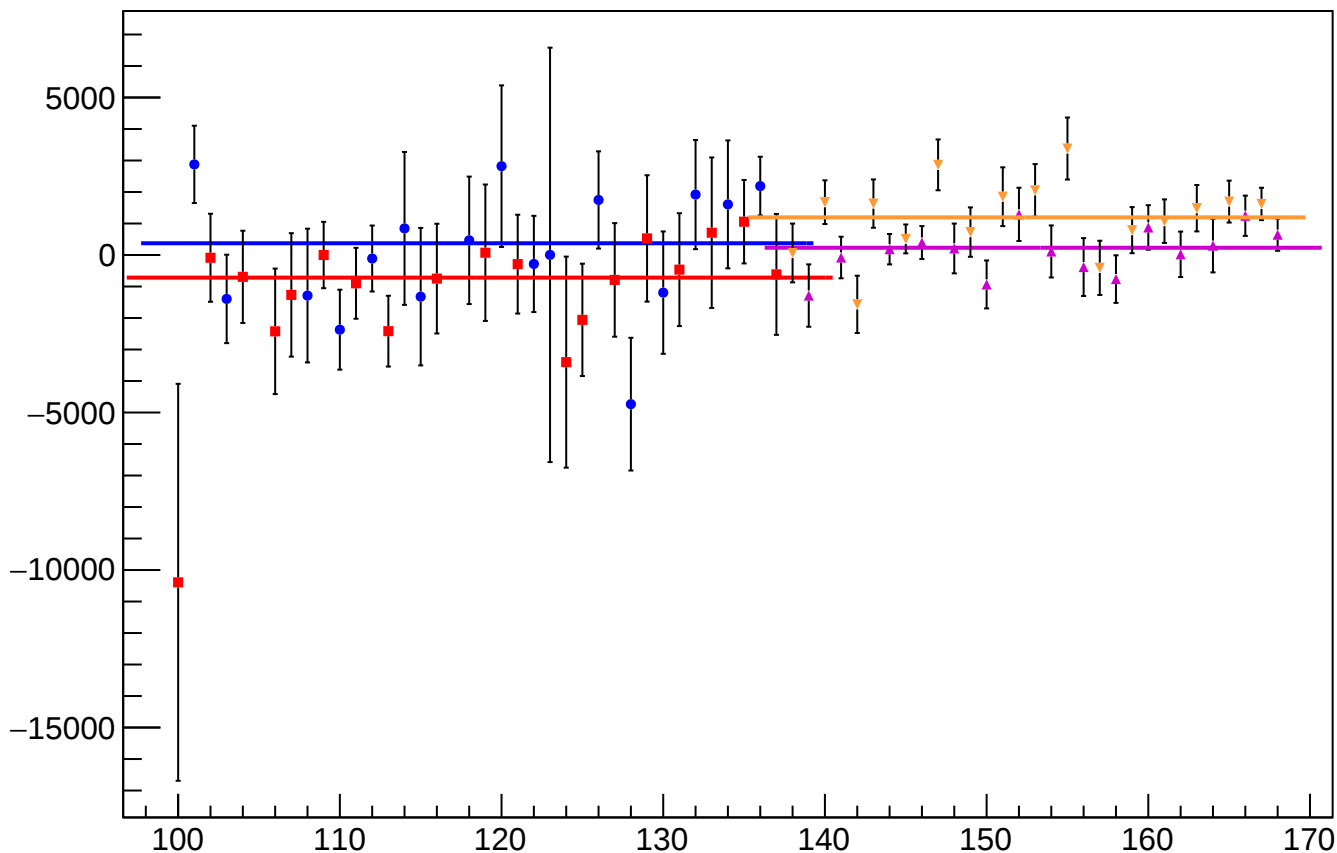
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 662.001+/-0.114 χ^2/NDF :3252159.1/31

Out: 665.899+/-0.113 χ^2/NDF :3564255.5/34

All: 663.968+/-0.080 χ^2/NDF : 6817000.8/66

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1195.498 $\pm$ 179.969 χ^2 /NDF:30.0/15

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: 230.380 $\pm$ 176.805 χ^2 /NDF:12.9/14

Left: 704.383 $\pm$ 126.124 χ^2 /NDF: 57.6/30

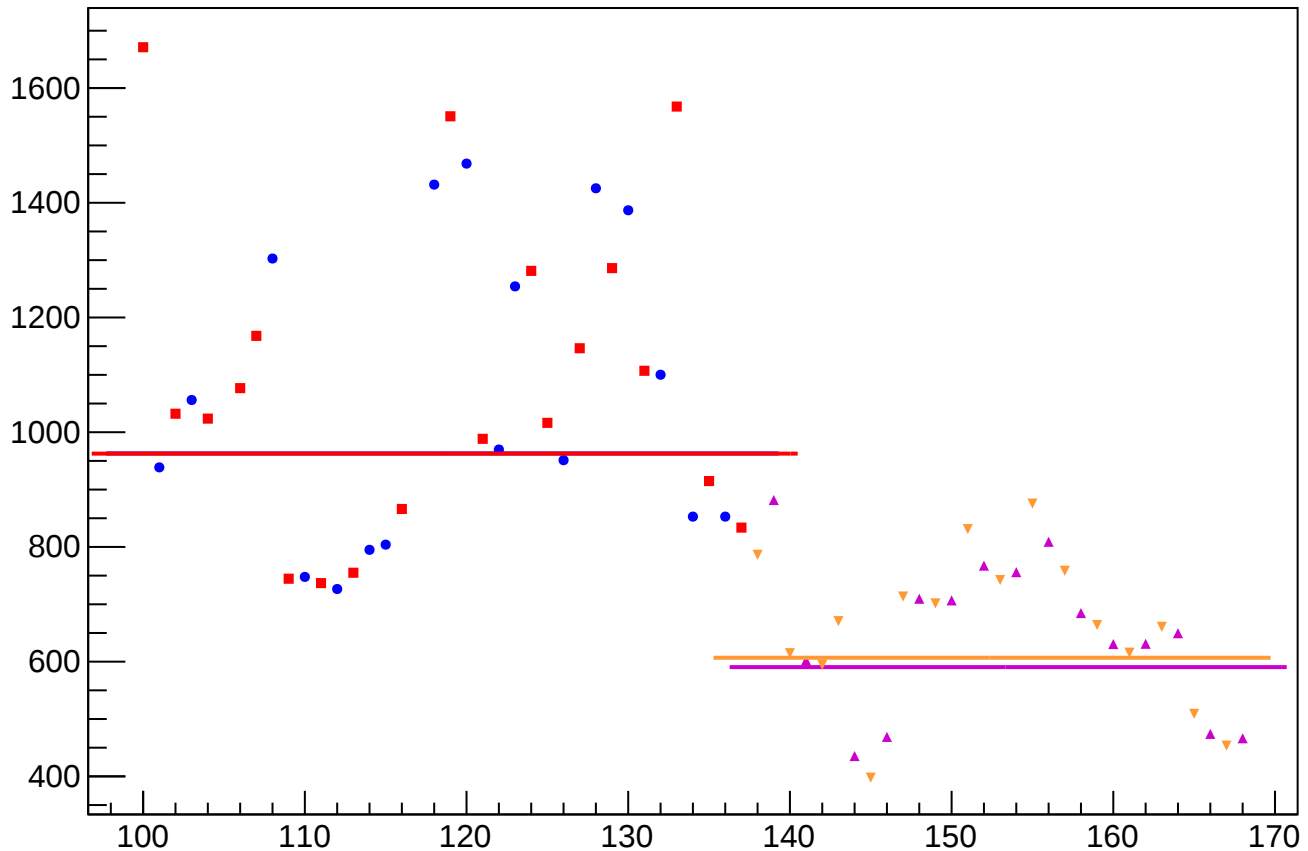
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 255.345 $\pm$ 160.575 χ^2 /NDF:38.3/31

Out: 832.332 $\pm$ 161.987 χ^2 /NDF:61.6/34

All: 541.313 $\pm$ 114.039 χ^2 /NDF: 106.3/66

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 606.806+/-0.127 χ^2/NDF : 1191459.9/15

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 590.503+/-0.125 χ^2/NDF : 1099705.1/14

Left: 598.510+/-0.089 χ^2/NDF : 2299516.9/30

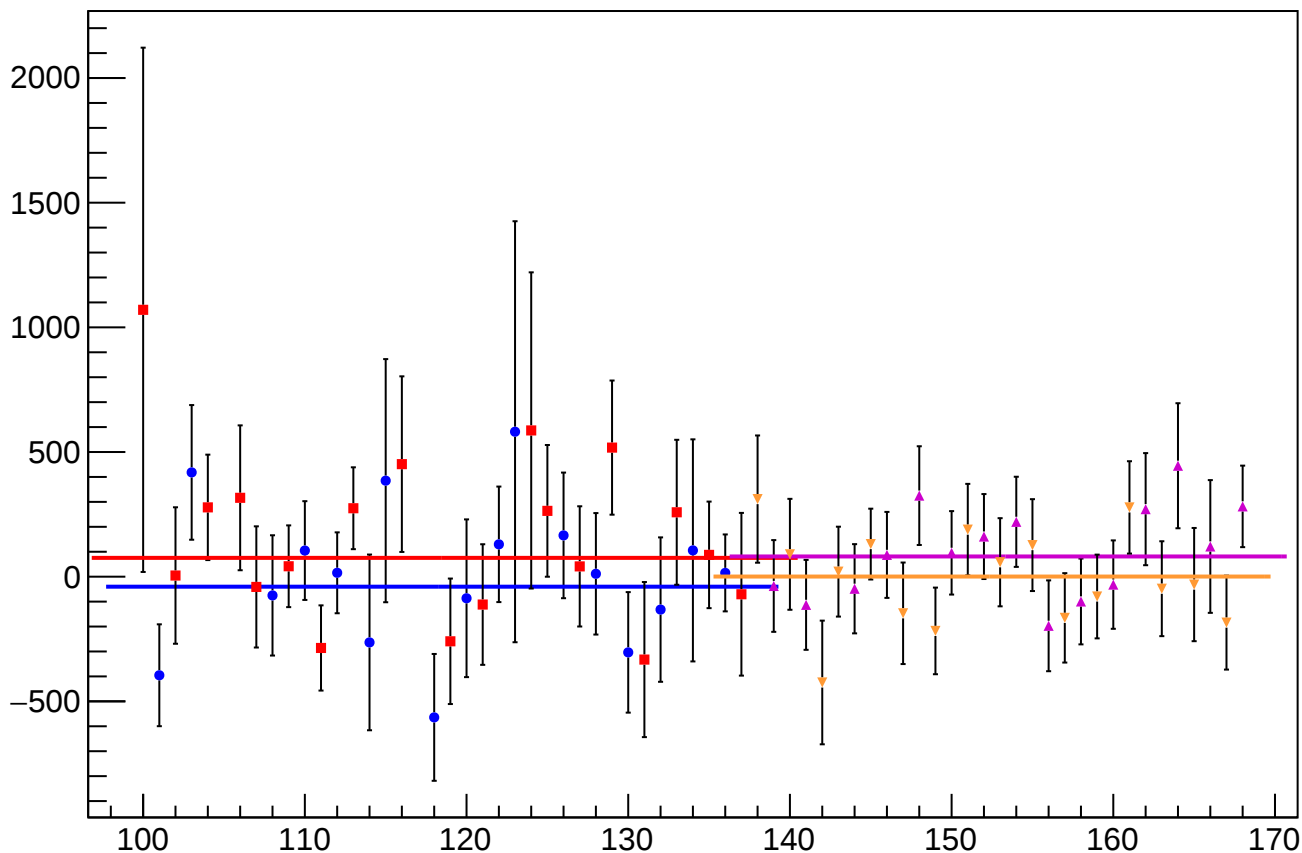
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 655.748+/-0.114 χ^2/NDF : 3322028.6/31

Out: 674.372+/-0.115 χ^2/NDF : 3372659.4/34

All: 664.978+/-0.081 χ^2/NDF : 6708021.7/66

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 0.533 ± 47.064 χ^2/NDF : 13.5/15

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 81.088 ± 47.981 χ^2/NDF : 12.6/14

Left: 40.033 ± 33.599 χ^2/NDF : 27.6/30

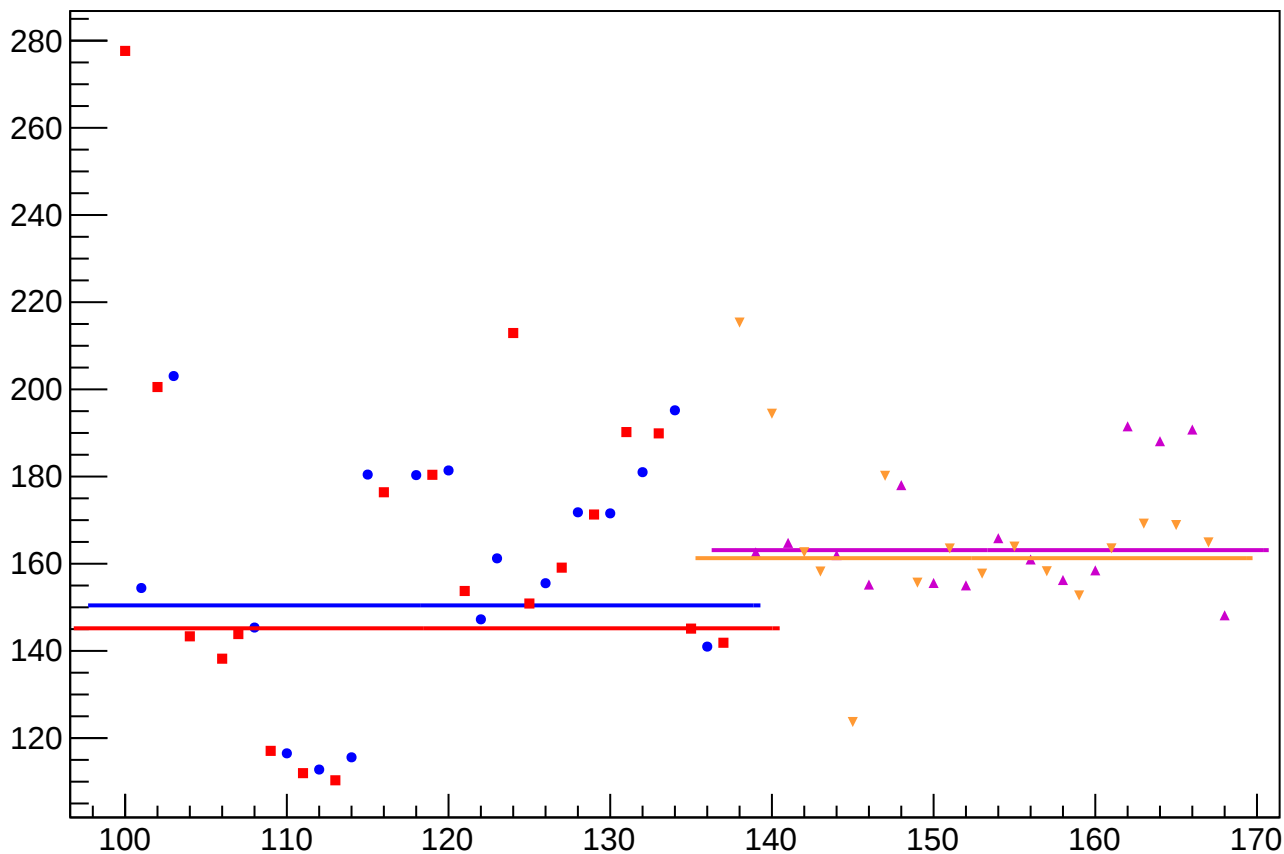
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 33.088 ± 37.289 χ^2/NDF : 30.5/31

Out: 31.398 ± 36.091 χ^2/NDF : 33.1/34

All: 32.215 ± 25.934 χ^2/NDF : 63.5/66

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 161.277 $\pm$ 0.033 χ^2 /NDF:308166.3/15

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 163.120 $\pm$ 0.034 χ^2 /NDF:119766.2/14

Left: 162.181 $\pm$ 0.024 χ^2 /NDF: 429435.3/30

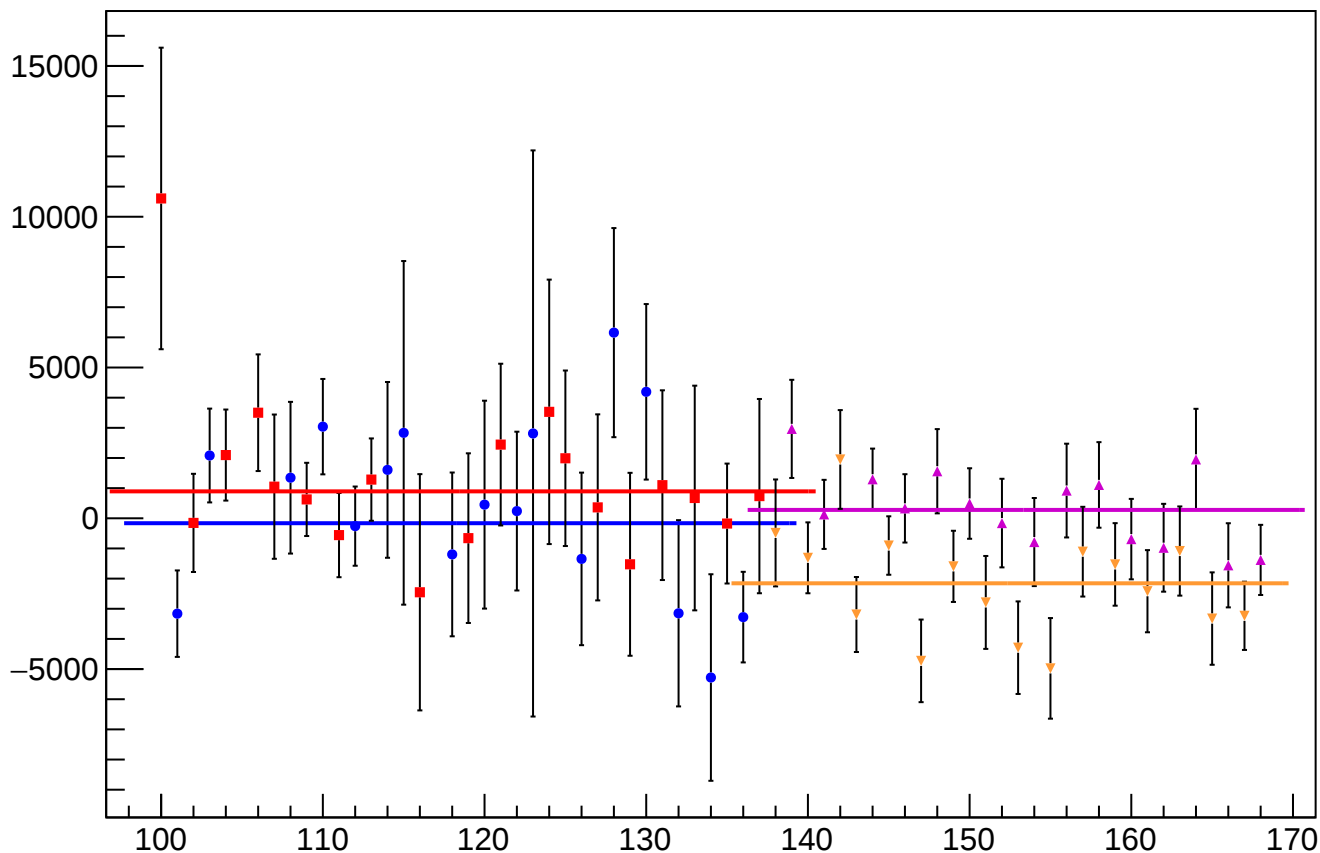
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 158.099 $\pm$ 0.026 χ^2 /NDF:575182.5/31

Out: 154.649 $\pm$ 0.026 χ^2 /NDF:940155.1/34

All: 156.318 $\pm$ 0.018 χ^2 /NDF: 1524176.5/66

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: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 277.957+/-340.746 χ^2/NDF : 11.8/14

Left: -949.825+/-239.849 χ^2/NDF : 59.0/30

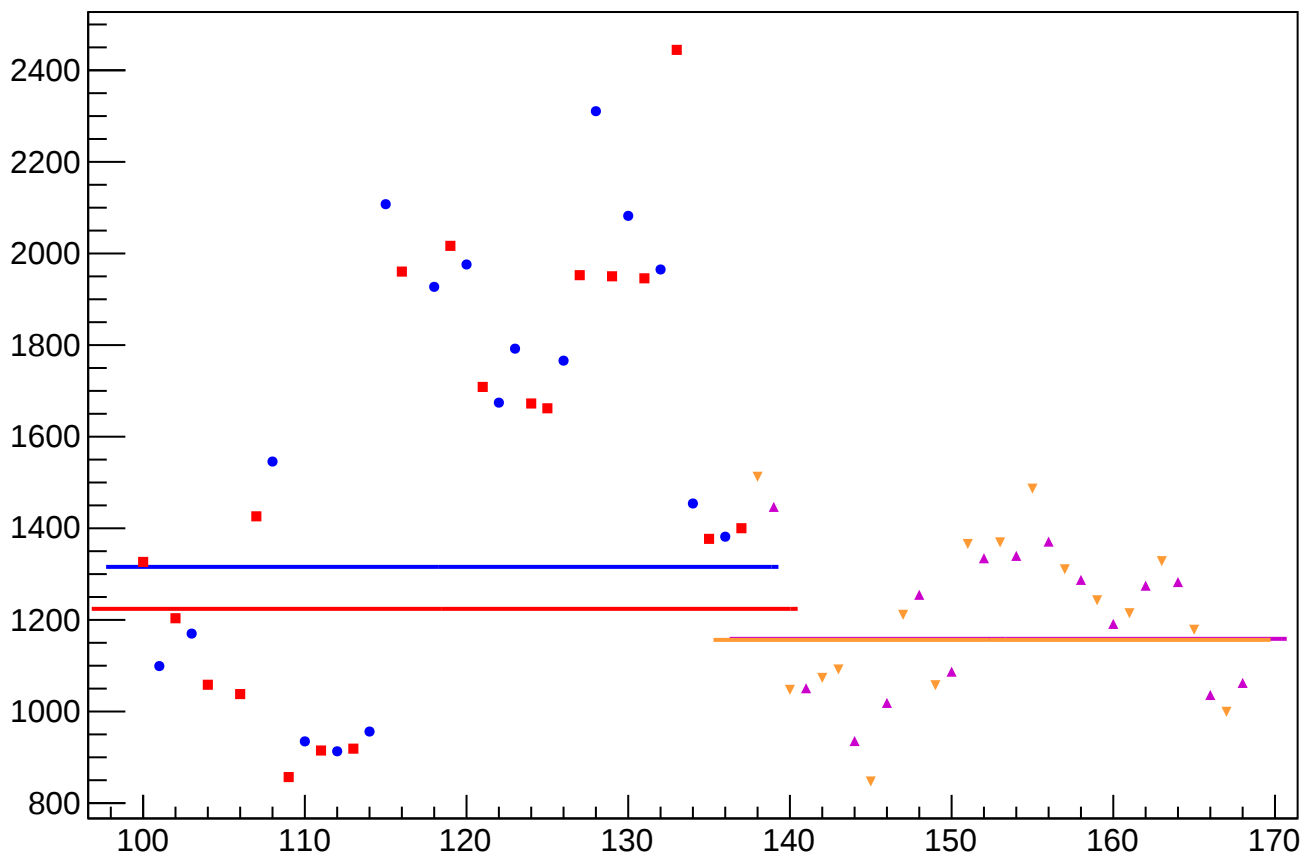
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 150.136+/-287.118 χ^2/NDF : 37.3/31

Out: -1158.338+/-276.994 χ^2/NDF : 58.9/34

All: -527.576+/-199.347 χ^2/NDF : 107.0/66

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: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1158.691+/-0.241 χ^2/NDF : 391218.7/14

Left: 1157.540+/-0.170 χ^2/NDF : 973256.2/30

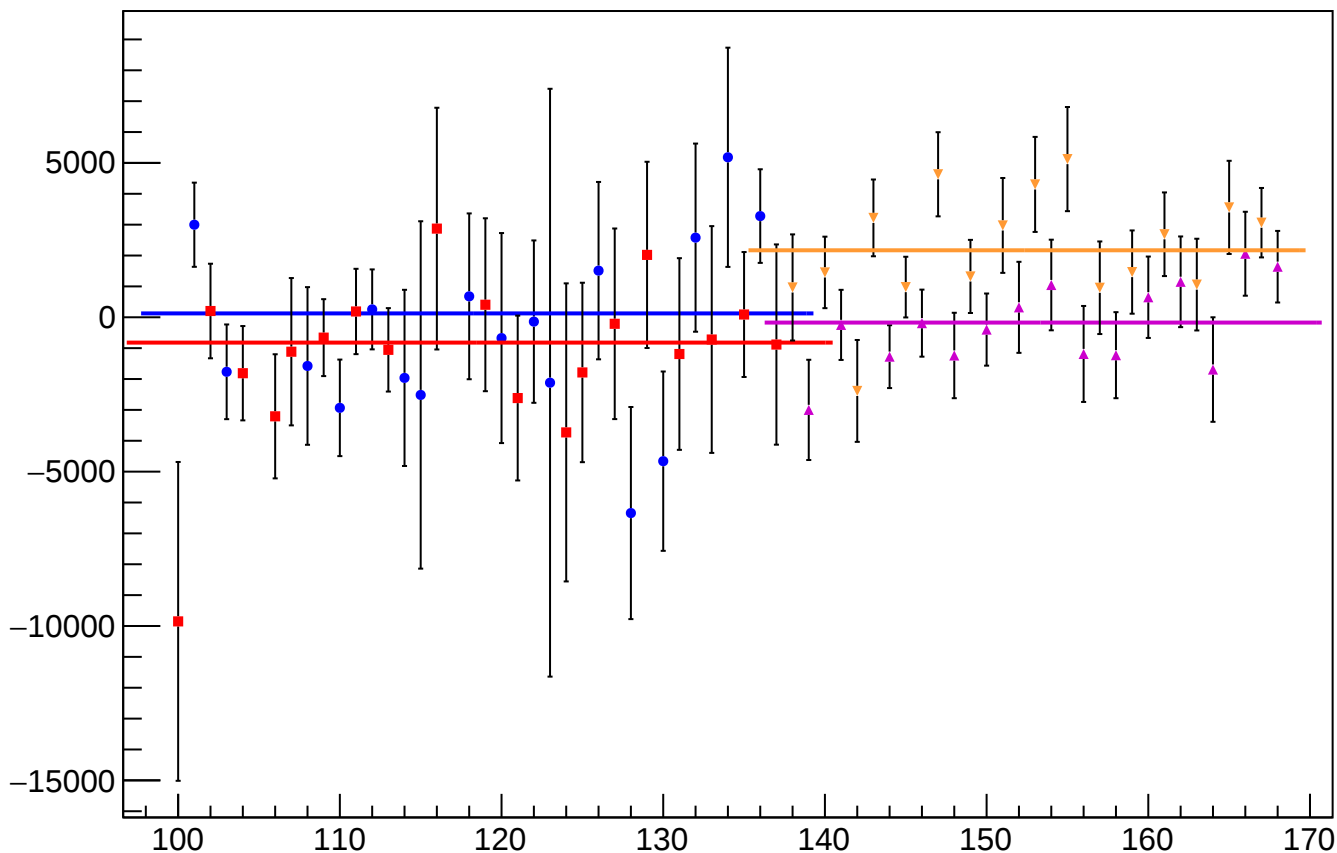
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1204.248+/-0.203 χ^2/NDF : 1632842.6/31

Out: 1178.567+/-0.196 χ^2/NDF : 1972221.4/34

All: 1190.947+/-0.141 χ^2/NDF : 3613351.1/66

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2/NDF : 24.7/16

Left Out: 2169.806 $\pm$ 337.010 χ^2/NDF : 22.8/15

Right Out: -820.213 $\pm$ 484.659 χ^2/NDF : 9.1/18

Left In: -171.738 $\pm$ 338.070 χ^2/NDF : 13.8/14

Left: 1002.712 $\pm$ 238.676 χ^2/NDF : 60.7/30

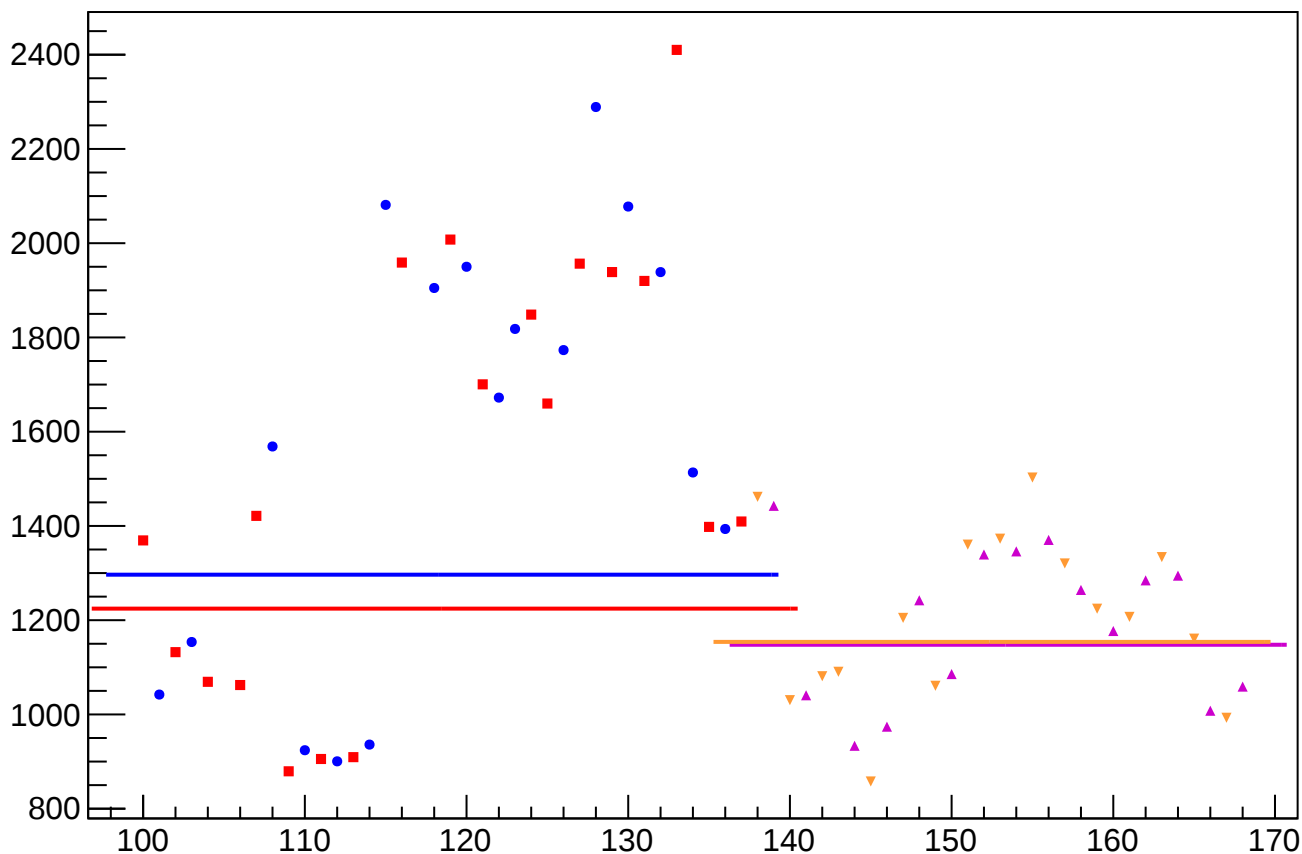
Right: -386.748 $\pm$ 356.675 χ^2/NDF : 35.5/35

In: -85.069 $\pm$ 284.522 χ^2/NDF : 38.7/31

Out: 1195.279 $\pm$ 276.692 χ^2/NDF : 57.6/34

All: 572.965 $\pm$ 198.361 χ^2/NDF : 106.6/66

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 +/- 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1153.954 +/- 0.238 χ^2/NDF : 558520.7/15

Right Out: 1224.561 +/- 0.343 χ^2/NDF : 1348274.4/18

Left In: 1147.862 +/- 0.239 χ^2/NDF : 430054.0/14

Left: 1150.917 +/- 0.169 χ^2/NDF : 988900.5/30

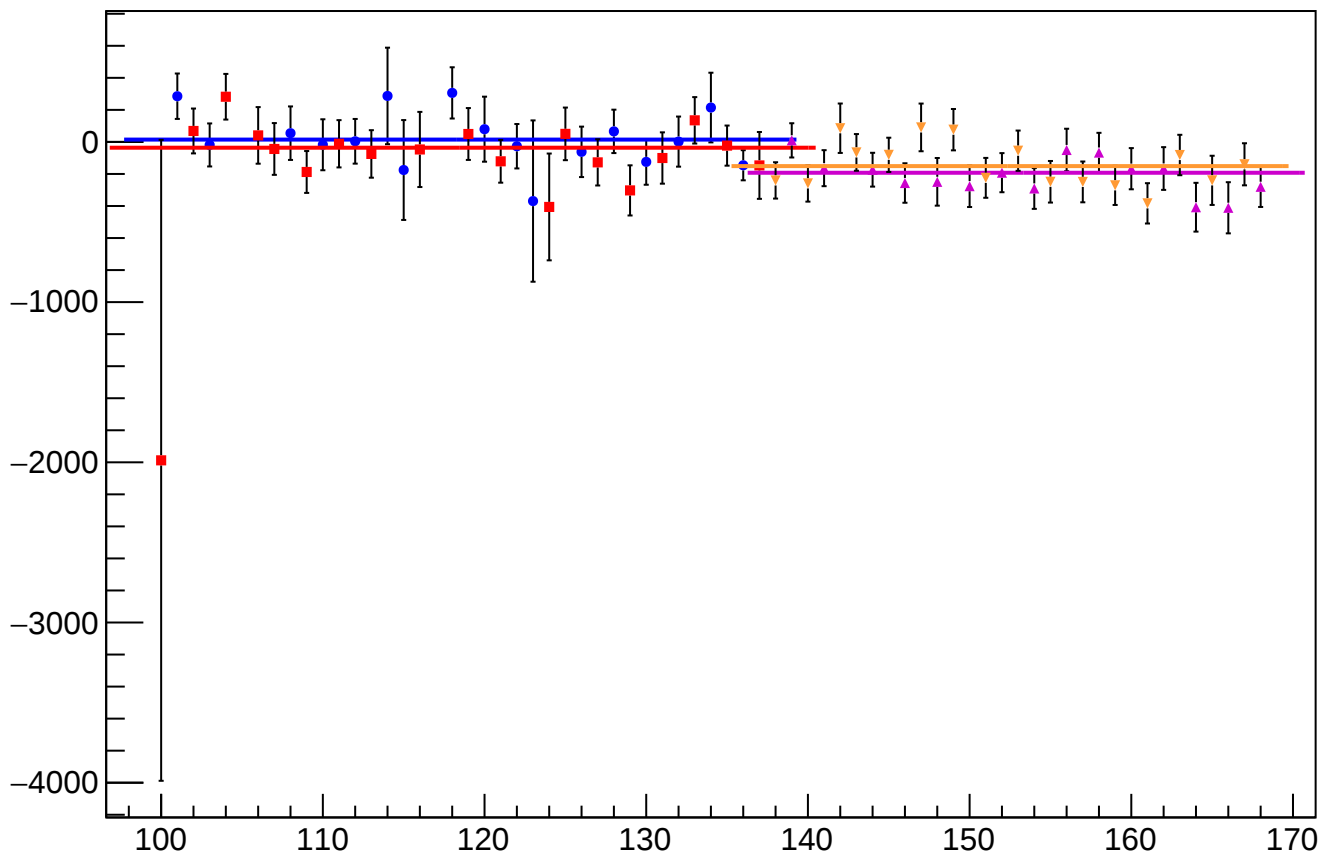
Right: 1257.572 +/- 0.252 χ^2/NDF : 2543980.3/35

In: 1191.241 +/- 0.201 χ^2/NDF : 1718406.4/31

Out: 1176.966 +/- 0.196 χ^2/NDF : 1935407.8/34

All: 1183.905 +/- 0.140 χ^2/NDF : 3656401.4/66

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

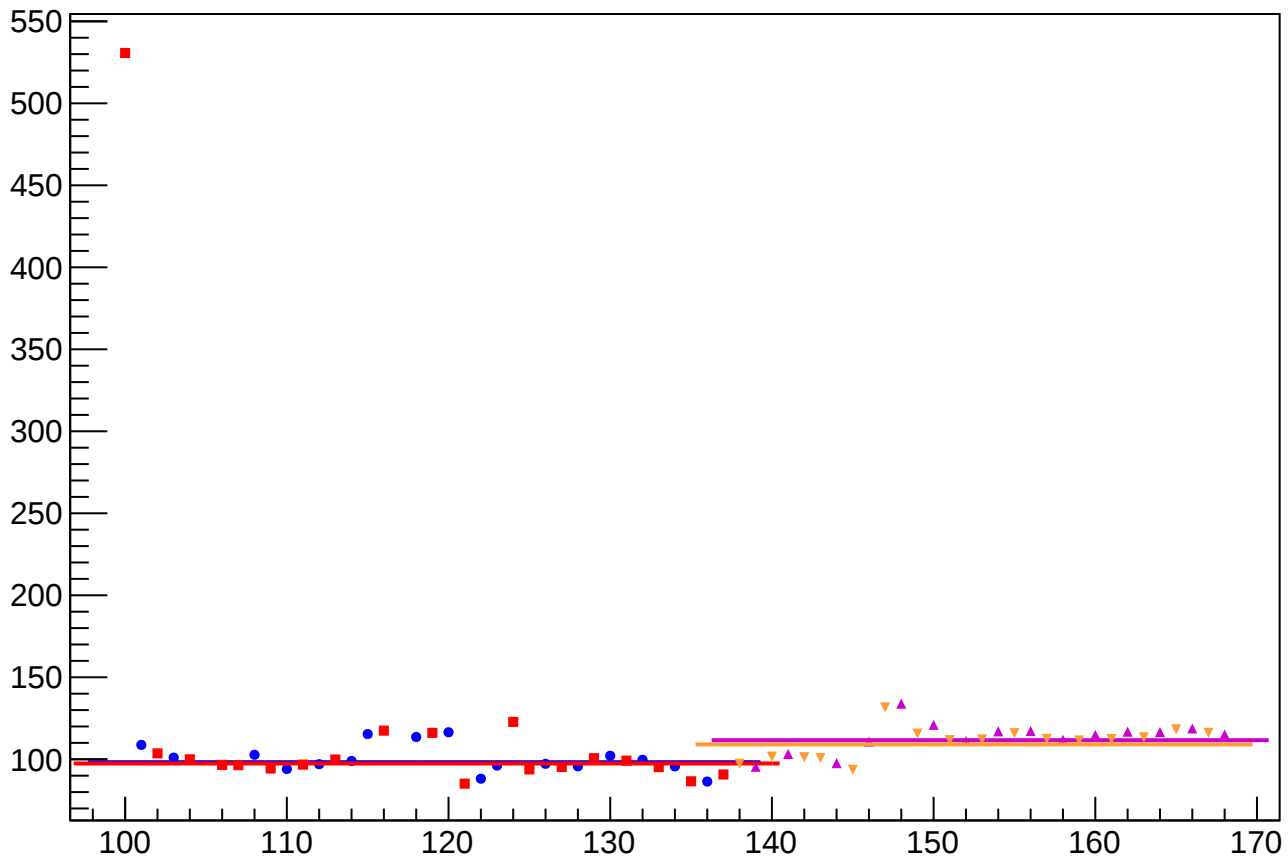


Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -150.993 ± 31.501 $\chi^2/\text{NDF}: 17.7/15$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -192.519 ± 32.615 $\chi^2/\text{NDF}: 11.7/14$

Left: -171.035 ± 22.658 $\chi^2/\text{NDF}: 30.3/30$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -104.718 ± 24.754 $\chi^2/\text{NDF}: 43.0/31$
 Out: -102.302 ± 23.909 $\chi^2/\text{NDF}: 38.8/34$

All: -103.468 ± 17.197 $\chi^2/\text{NDF}: 81.8/66$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2 /NDF: 100510.4/16

Left Out: 109.065+/-0.022 χ^2 /NDF:165480.2/15

Right Out: 97.436+/-0.026 χ^2 /NDF: 190066.6/18

Left In: 111.635+/-0.023 χ^2 /NDF:166870.7/14

Left: 110.305+/-0.016 χ^2 /NDF: 338777.2/30

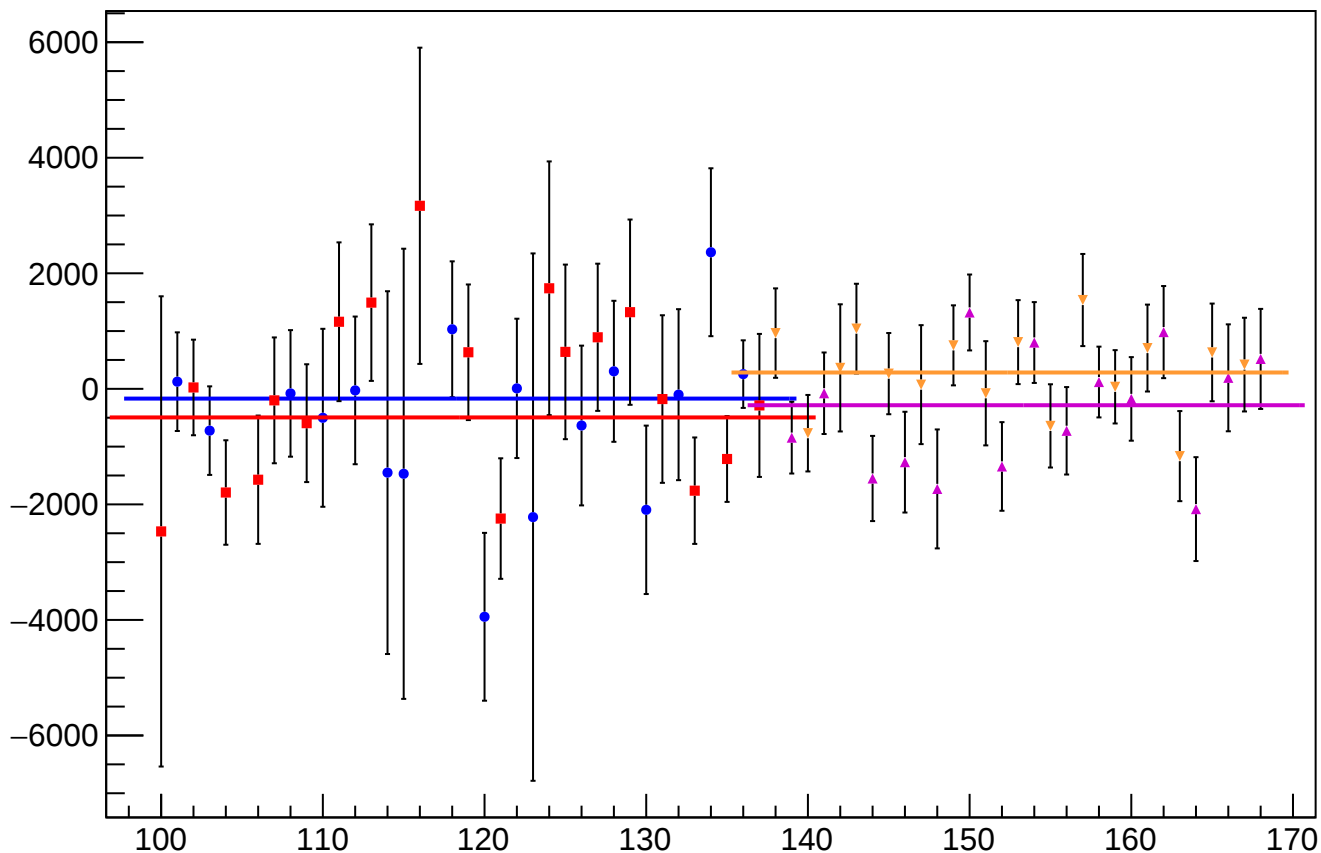
Right: 97.814+/-0.019 χ^2 /NDF: 291015.4/35

In: 105.947+/-0.018 χ^2 /NDF:410852.6/31

Out: 104.135+/-0.017 χ^2 /NDF:471076.4/34

All: 105.010+/-0.012 χ^2 /NDF: 887472.0/66

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: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -283.714 ± 194.653 χ^2/NDF : 25.8/14

Left: 2.367 ± 136.957 χ^2/NDF : 43.8/30

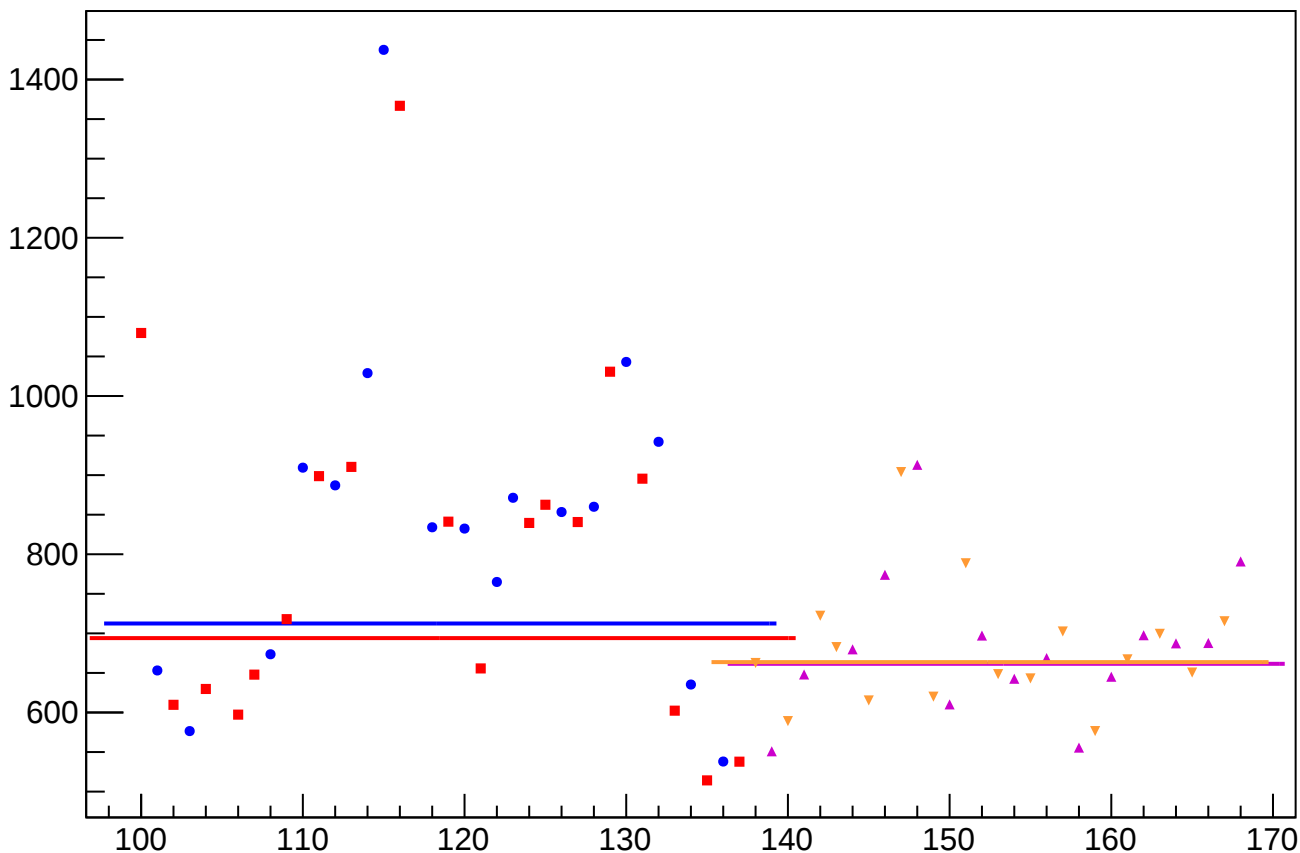
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -246.663 ± 160.228 χ^2/NDF : 40.5/31

Out: 16.983 ± 156.360 χ^2/NDF : 39.1/34

All: -111.619 ± 111.906 χ^2/NDF : 81.0/66

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 663.674 $\pm$ 0.136 χ^2 /NDF:254665.6/15

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 661.522 $\pm$ 0.138 χ^2 /NDF:349003.5/14

Left: 662.608 $\pm$ 0.097 χ^2 /NDF: 603792.5/30

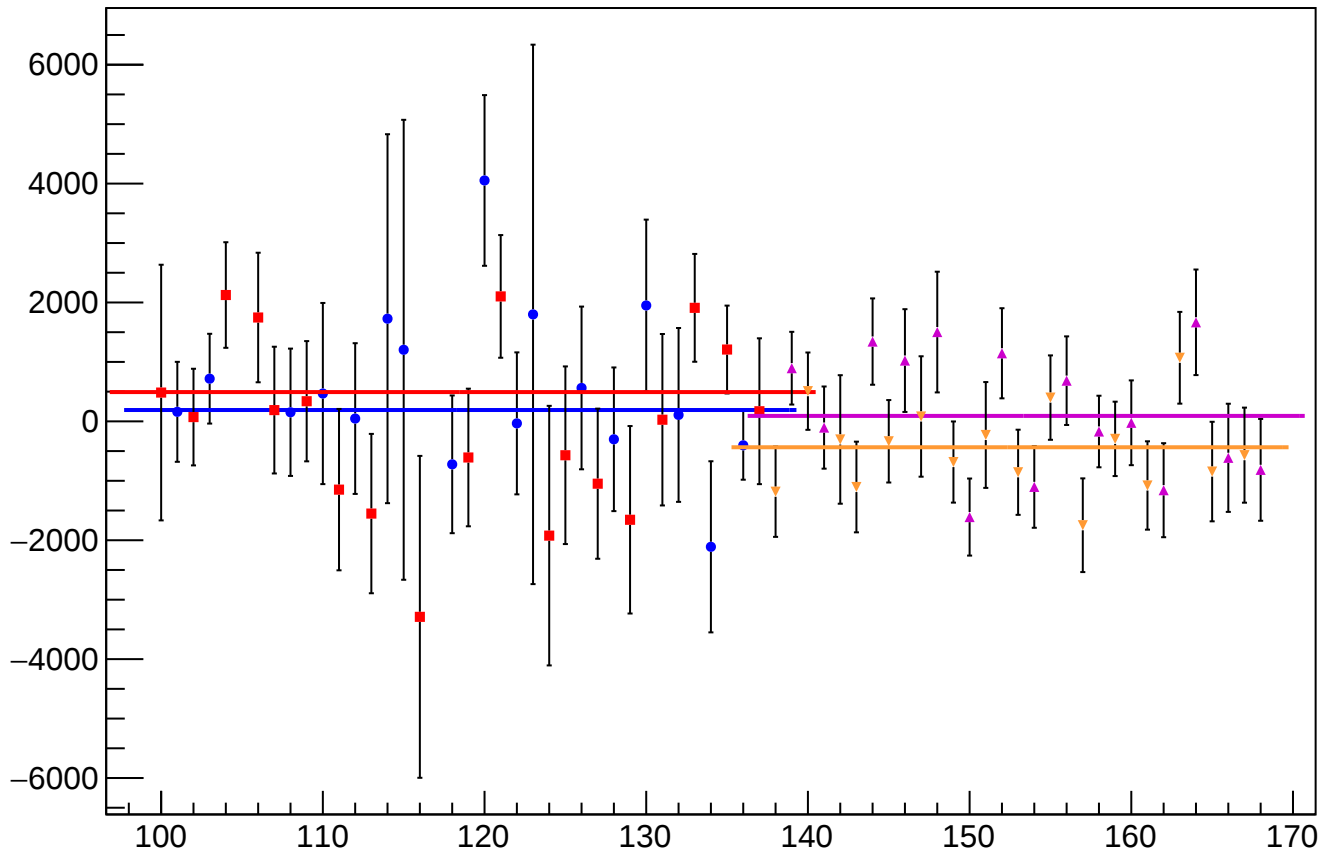
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 677.951 $\pm$ 0.113 χ^2 /NDF:1053711.7/31

Out: 674.045 $\pm$ 0.111 χ^2 /NDF:946597.9/34

All: 675.950 $\pm$ 0.079 χ^2 /NDF: 2000918.1/66

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 χ^2/NDF : 14.2/16

Left Out: -435.711 ± 189.972 χ^2/NDF : 13.7/15

Right Out: 492.659 ± 262.648 χ^2/NDF : 22.8/18

Left In: 91.881 ± 191.859 χ^2/NDF : 27.9/14

Left: -174.522 ± 134.993 χ^2/NDF : 45.4/30

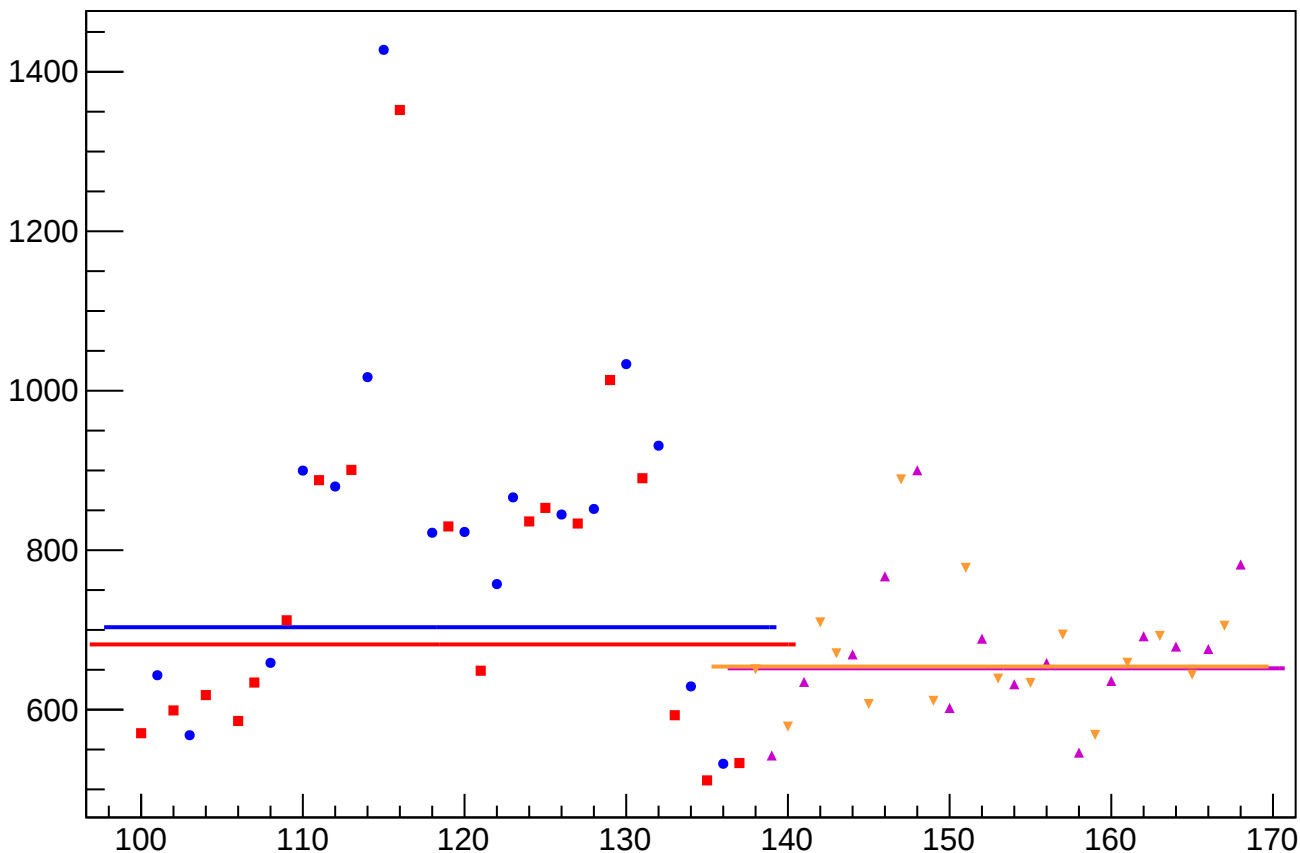
Right: 350.694 ± 191.134 χ^2/NDF : 37.6/35

In: 123.717 ± 158.027 χ^2/NDF : 42.2/31

Out: -116.845 ± 153.928 χ^2/NDF : 44.7/34

All: 0.275 ± 110.264 χ^2/NDF : 88.1/66

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 654.060 $\pm$ 0.134 χ^2 /NDF:255146.8/15

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

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

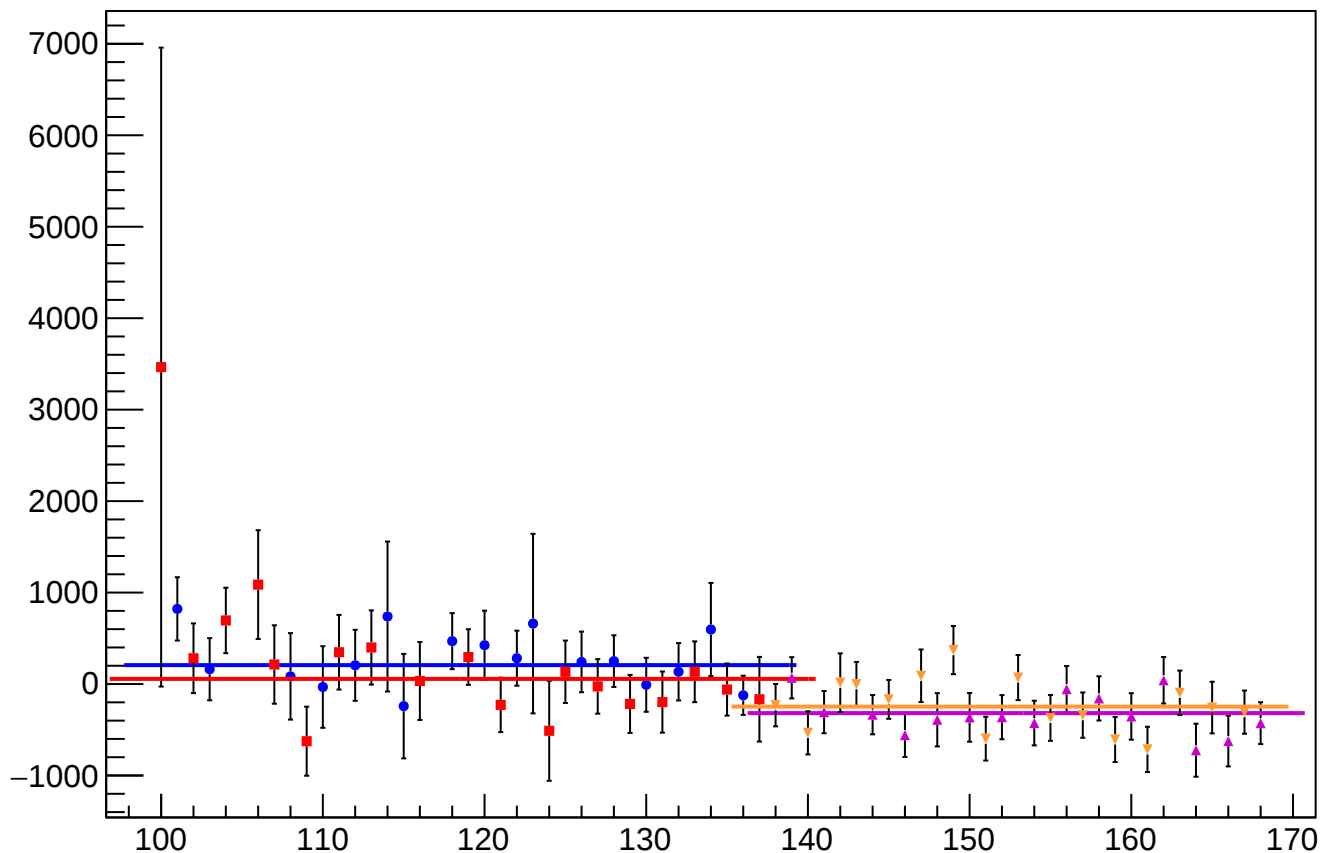
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 668.421 $\pm$ 0.112 χ^2 /NDF:1070803.7/31

Out: 663.590 $\pm$ 0.109 χ^2 /NDF:934599.0/34

All: 665.942 $\pm$ 0.078 χ^2 /NDF: 2006361.8/66

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -246.536 $\pm$ 62.223 χ^2 /NDF:20.5/15

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -317.698 $\pm$ 63.862 χ^2 /NDF:11.2/14

Left: -281.192 $\pm$ 44.567 χ^2 /NDF: 32.4/30

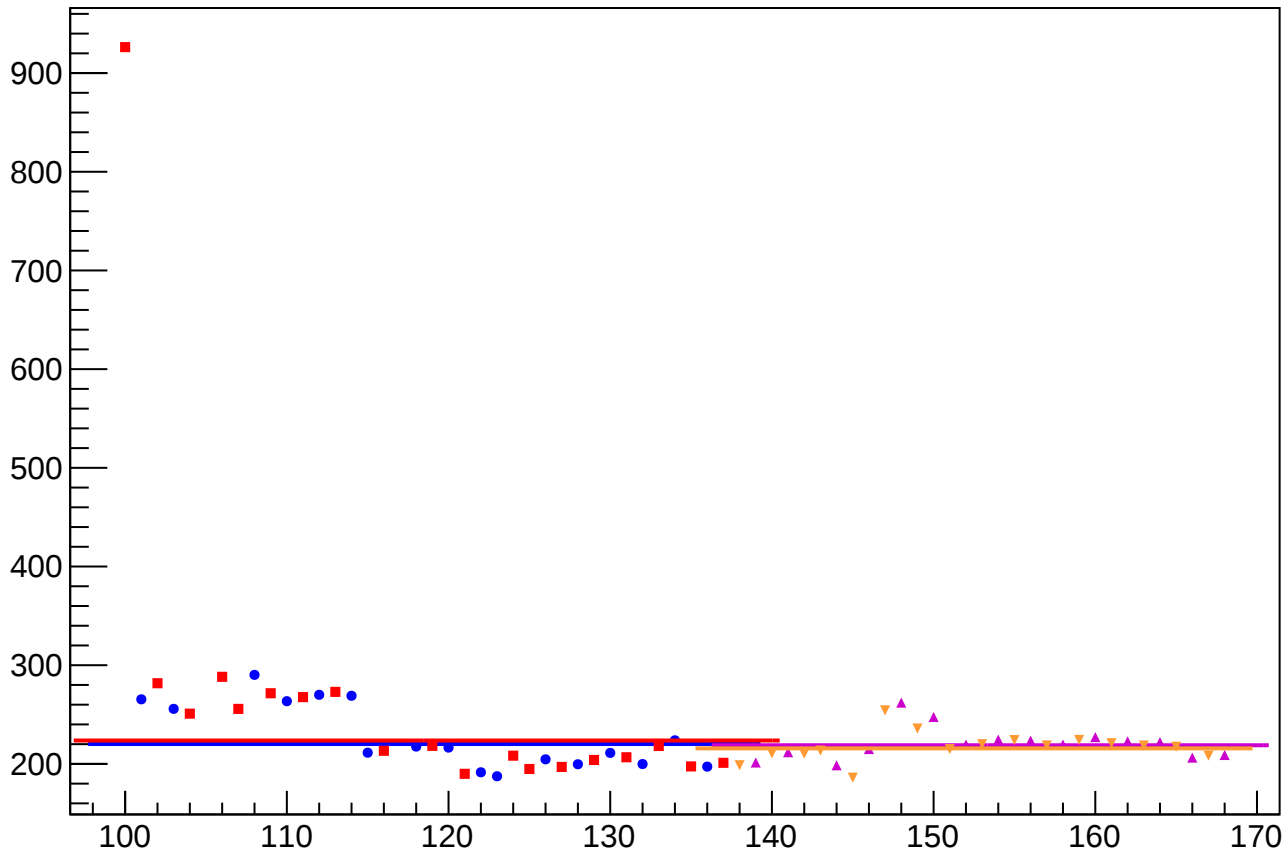
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -130.215 $\pm$ 51.193 χ^2 /NDF:44.8/31

Out: -141.174 $\pm$ 50.242 χ^2 /NDF:45.4/34

All: -135.797 $\pm$ 35.858 χ^2 /NDF: 90.2/66

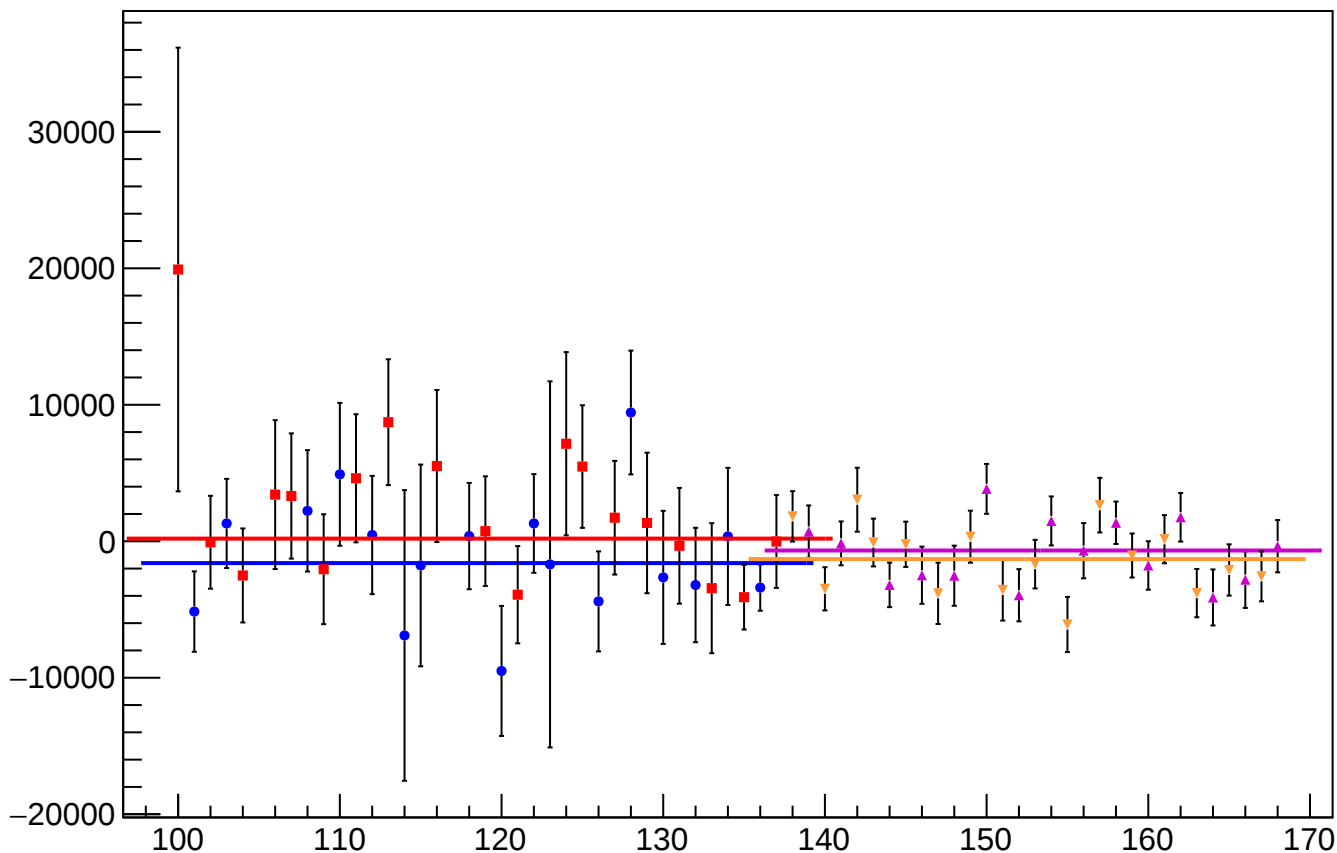
dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16
 Left Out: 215.723 $\pm$ 0.044 χ^2 /NDF: 107929.4/15
 Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18
 Left In: 218.885 $\pm$ 0.045 χ^2 /NDF: 111903.6/14

Left: 217.263 $\pm$ 0.032 χ^2 /NDF: 222347.8/30
 Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35
 In: 219.331 $\pm$ 0.036 χ^2 /NDF: 340620.6/31
 Out: 218.501 $\pm$ 0.036 χ^2 /NDF: 472627.2/34
 All: 218.908 $\pm$ 0.025 χ^2 /NDF: 813515.4/66

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: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

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

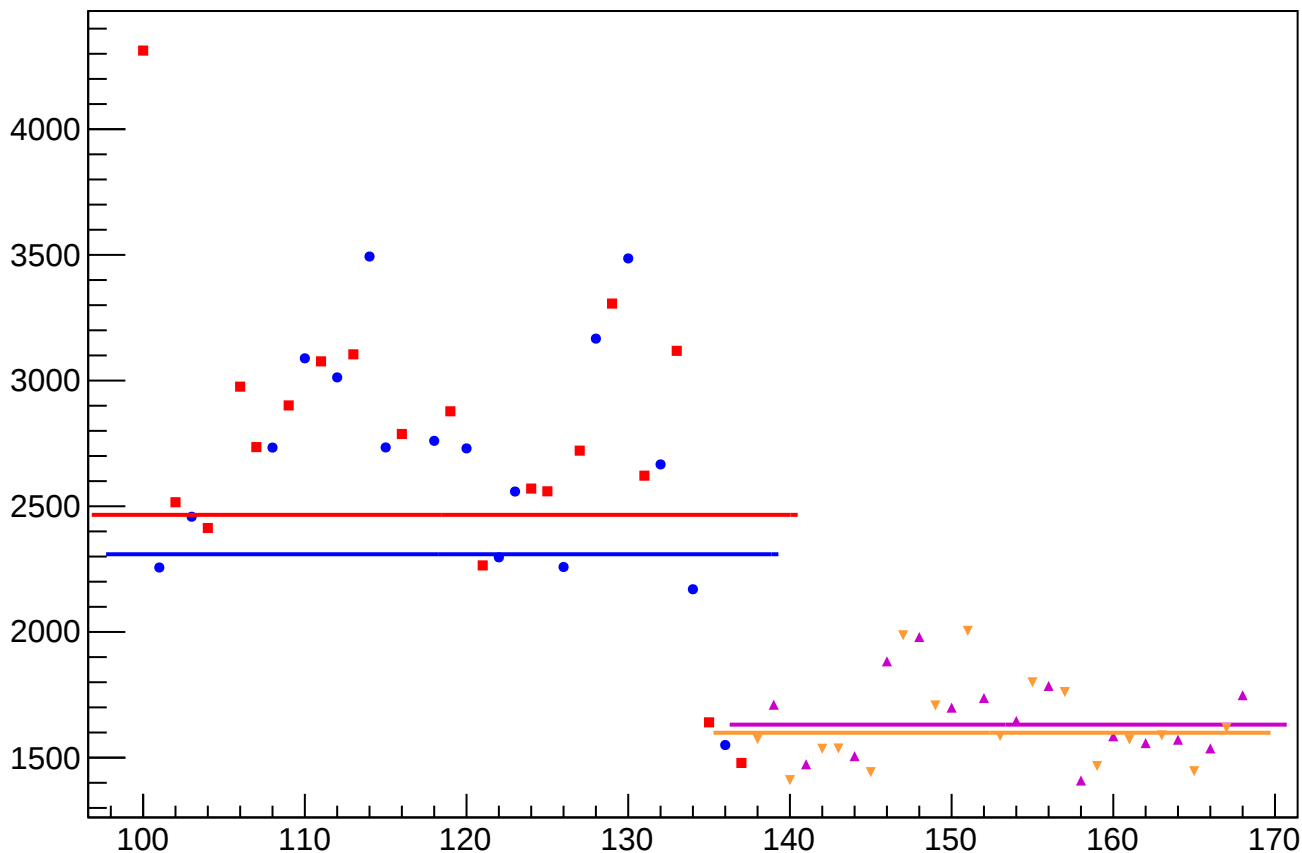
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -872.316 $\pm$ 423.885 χ^2 /NDF: 40.2/31

Out: -1014.611 $\pm$ 416.454 χ^2 /NDF: 43.4/34

All: -944.722 $\pm$ 297.070 χ^2 /NDF: 83.6/66

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1599.072 $\pm$ 0.328 χ^2 /NDF: 241998.0/15

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1631.338 $\pm$ 0.338 χ^2 /NDF: 193182.7/14

Left: 1614.732 $\pm$ 0.235 χ^2 /NDF: 439881.6/30

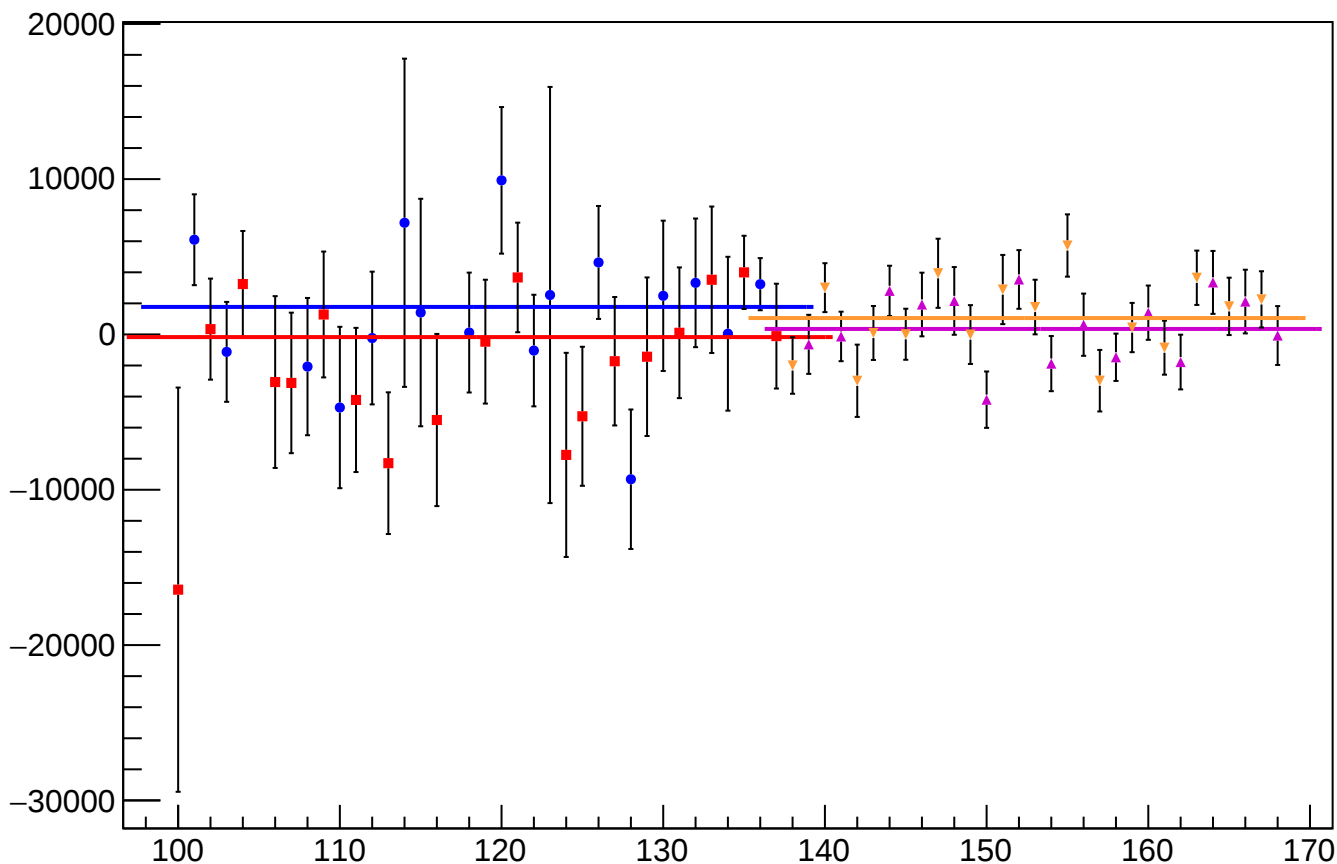
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1774.898 $\pm$ 0.300 χ^2 /NDF: 1847600.2/31

Out: 1766.538 $\pm$ 0.294 χ^2 /NDF: 2286676.3/34

All: 1770.644 $\pm$ 0.210 χ^2 /NDF: 4134672.3/66

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 1054.513 $\pm$ 458.667 χ^2/NDF : 24.6/15

Right Out: -170.902 $\pm$ 937.411 χ^2/NDF : 16.0/18

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

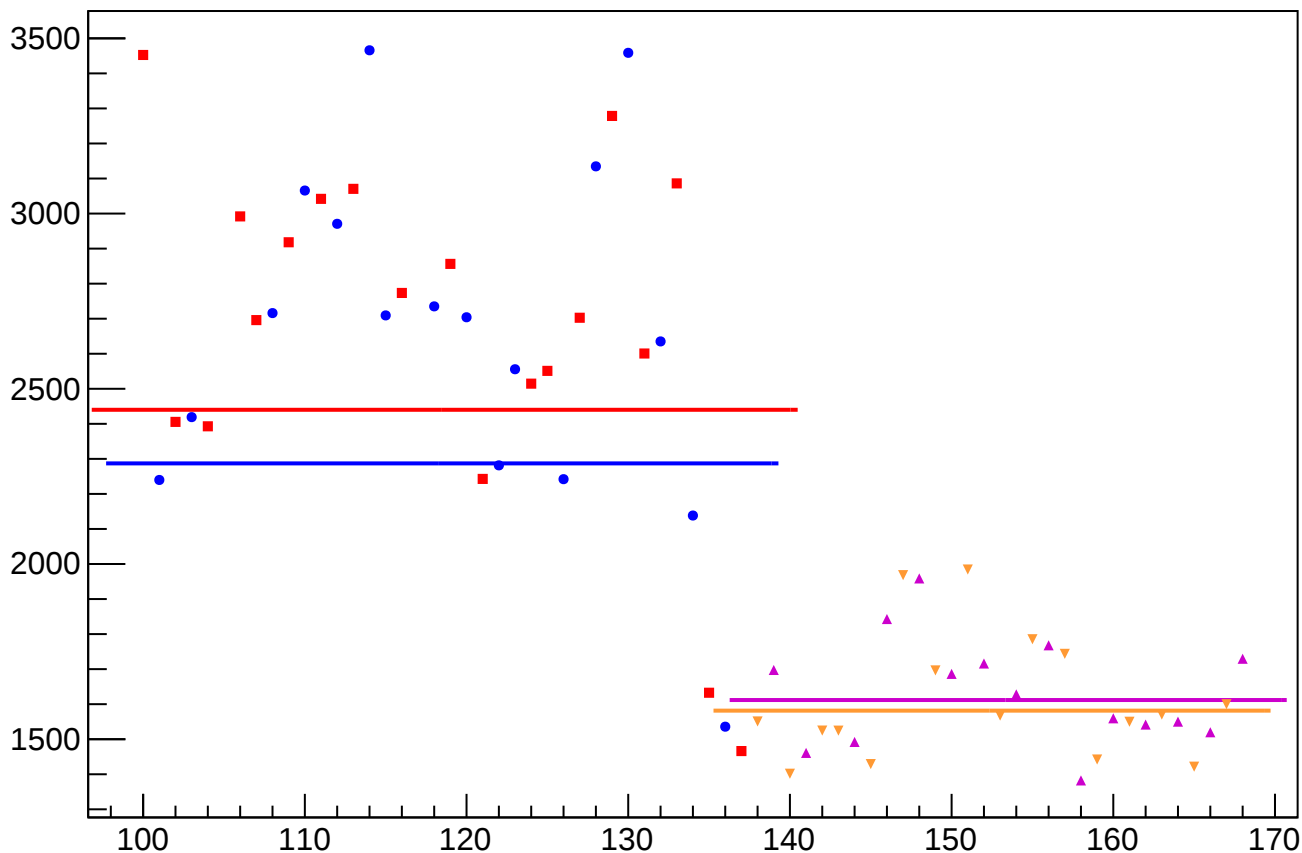
Right: 826.520 $\pm$ 653.801 χ^2/NDF : 35.6/35

In: 652.796 $\pm$ 419.084 χ^2/NDF : 40.2/31

Out: 817.809 $\pm$ 411.994 χ^2/NDF : 42.0/34

All: 736.710 $\pm$ 293.798 χ^2/NDF : 82.3/66

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1581.565 $\pm$ 0.324 χ^2 /NDF: 245939.4/15

Right Out: 2440.067 $\pm$ 0.663 χ^2 /NDF: 679108.5/18

Left In: 1611.842 $\pm$ 0.334 χ^2 /NDF: 194765.8/14

Left: 1596.276 $\pm$ 0.233 χ^2 /NDF: 444939.6/30

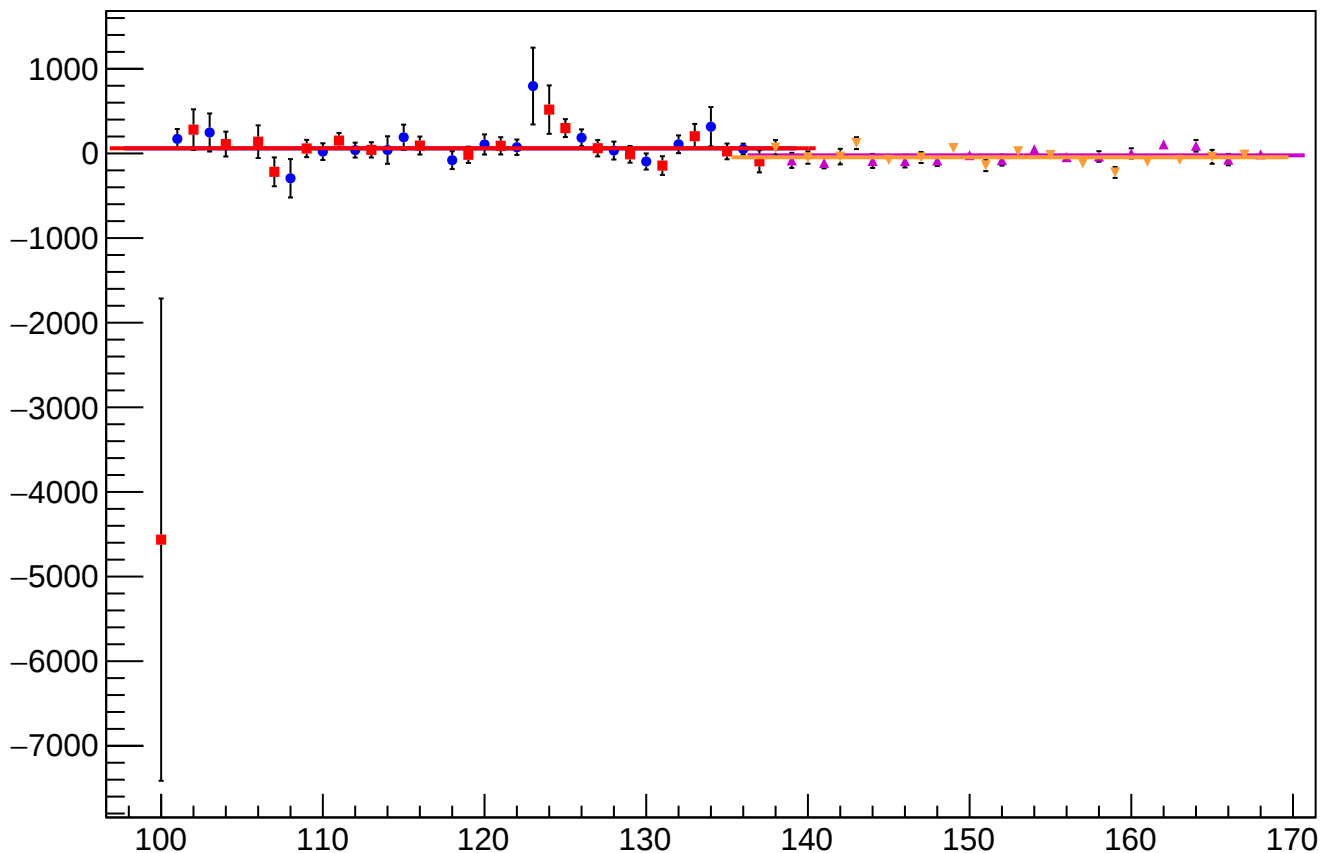
Right: 2361.511 $\pm$ 0.462 χ^2 /NDF: 1505856.7/35

In: 1754.327 $\pm$ 0.296 χ^2 /NDF: 1858619.4/31

Out: 1747.395 $\pm$ 0.291 χ^2 /NDF: 2278488.0/34

All: 1750.802 $\pm$ 0.208 χ^2 /NDF: 4137385.7/66

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -45.446+/-15.843 χ^2/NDF : 25.6/15

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -22.463+/-16.202 χ^2/NDF : 15.9/14

Left: -34.212+/-11.327 χ^2/NDF : 42.5/30

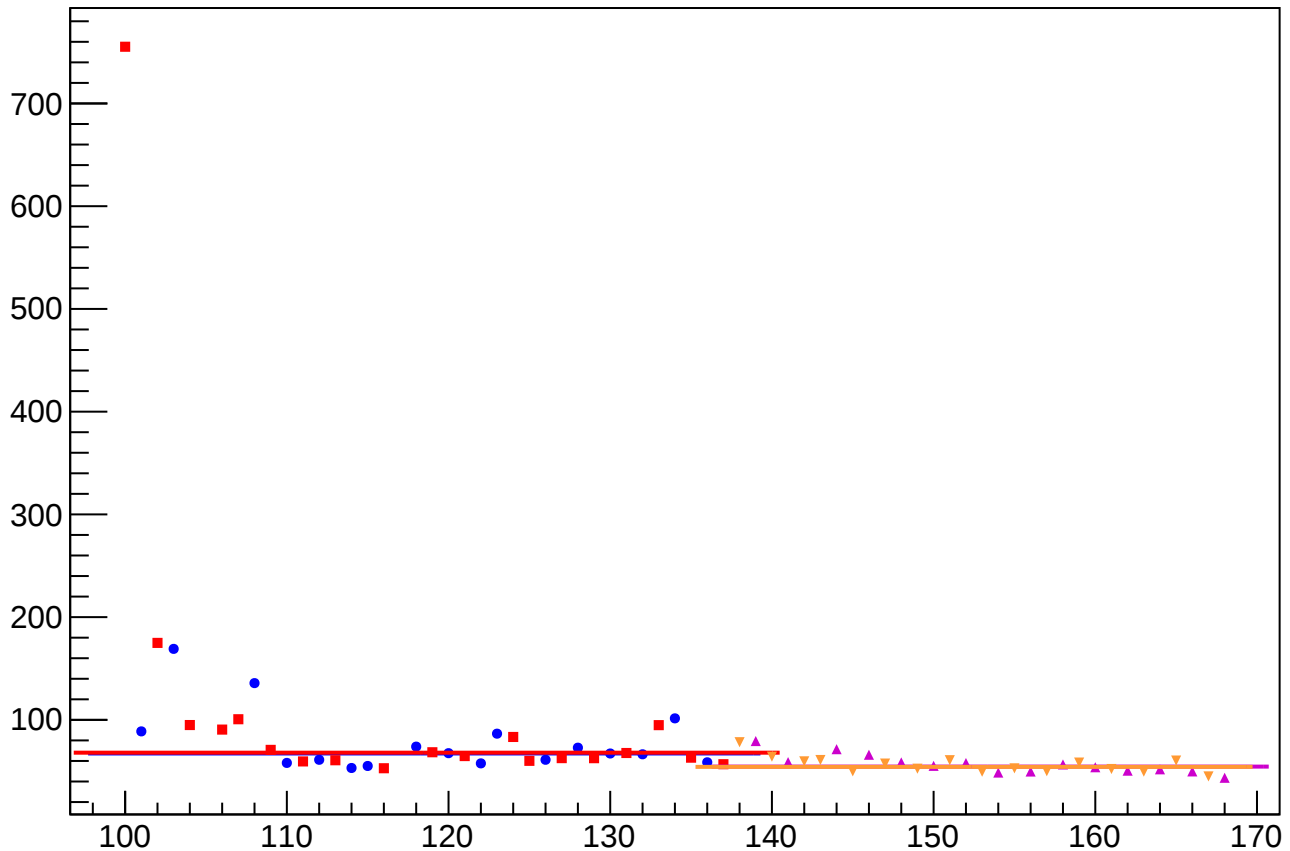
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: -0.816+/-13.903 χ^2/NDF : 38.0/31

Out: -18.202+/-13.665 χ^2/NDF : 59.5/34

All: -9.659+/-9.746 χ^2/NDF : 98.3/66

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2 /NDF: 841352.2/16

Left Out: 54.252+/-0.011 χ^2 /NDF: 364698.0/15

Right Out: 68.060+/-0.019 χ^2 /NDF: 870616.5/18

Left In: 54.509+/-0.011 χ^2 /NDF: 475252.1/14

Left: 54.378+/-0.008 χ^2 /NDF: 840208.8/30

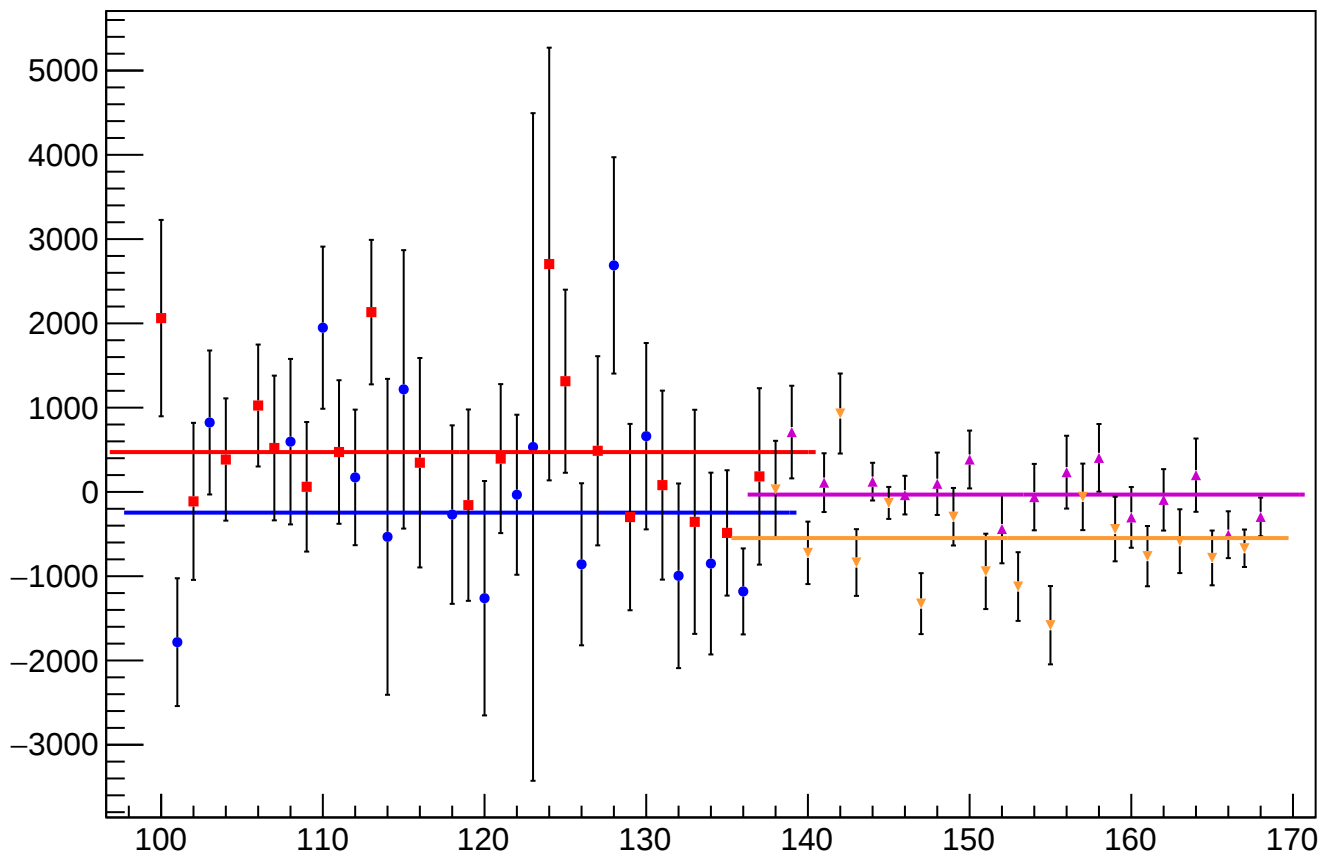
Right: 67.679+/-0.014 χ^2 /NDF: 1712764.6/35

In: 57.880+/-0.010 χ^2 /NDF: 1645019.1/31

Out: 57.786+/-0.010 χ^2 /NDF: 1624232.3/34

All: 57.833+/-0.007 χ^2 /NDF: 3269297.9/66

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -547.574 $\pm$ 84.966 χ^2 /NDF:32.0/15

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

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

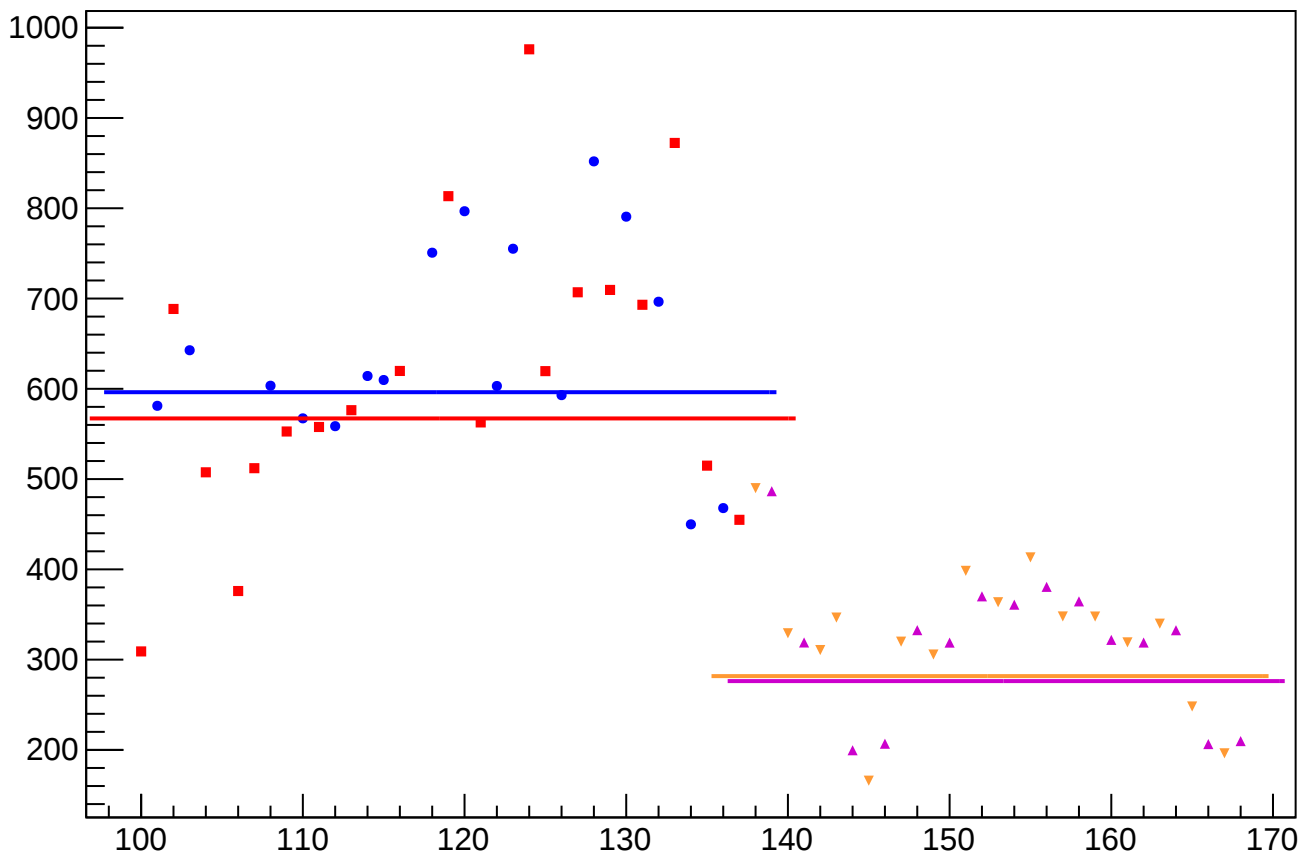
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: -55.572 $\pm$ 78.860 χ^2 /NDF:36.2/31

Out: -413.884 $\pm$ 79.205 χ^2 /NDF:62.2/34

All: -233.946 $\pm$ 55.884 χ^2 /NDF: 108.7/66

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 281.748+/-0.060 χ^2/NDF : 2010475.8/15

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 276.231+/-0.059 χ^2/NDF : 1616531.2/14

Left: 278.948+/-0.042 χ^2/NDF : 3631285.8/30

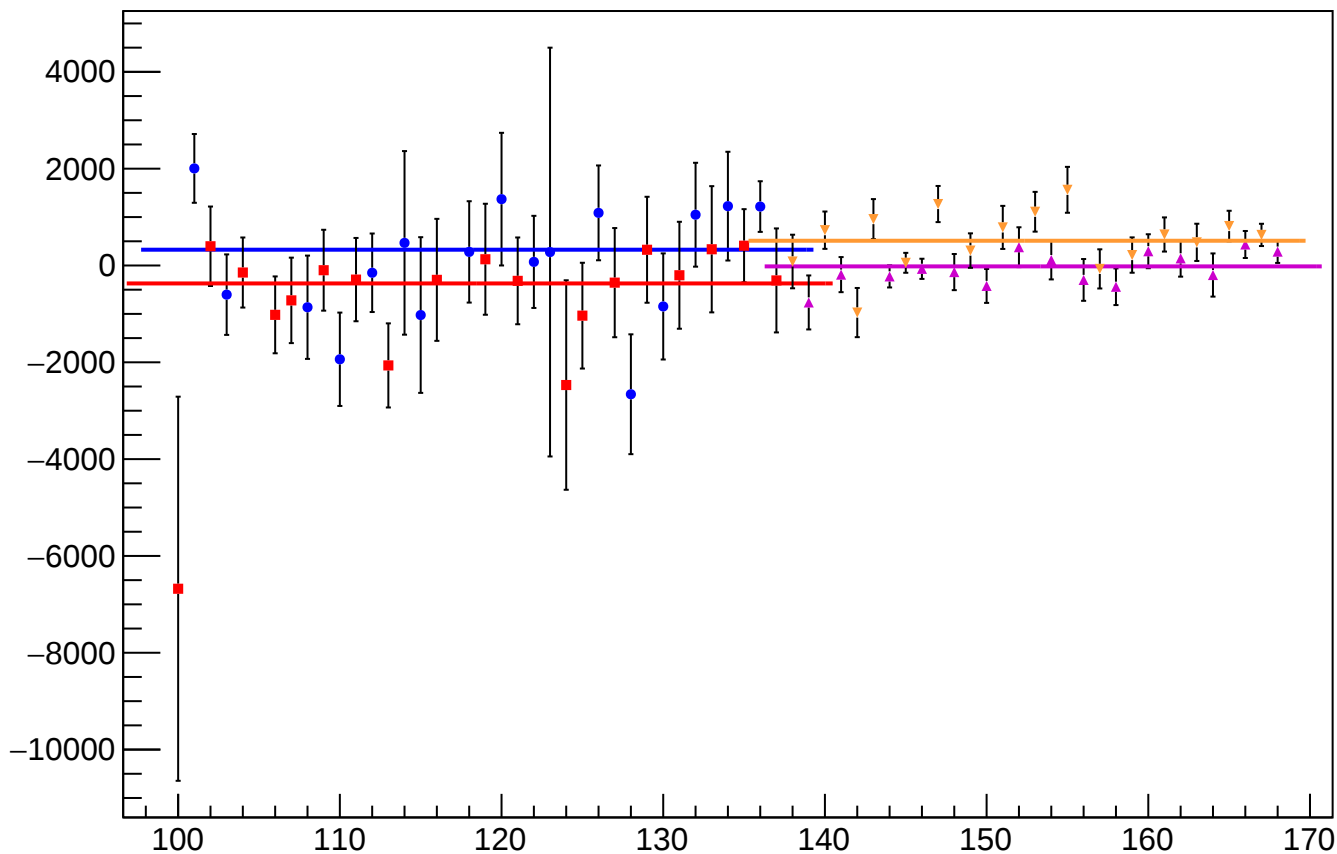
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 312.144+/-0.056 χ^2/NDF : 5319977.2/31

Out: 319.143+/-0.056 χ^2/NDF : 5642878.8/34

All: 315.628+/-0.040 χ^2/NDF : 10970697.0/66

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 511.130 $\pm$ 87.297 χ^2/NDF :31.5/15

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: -18.551 $\pm$ 83.283 χ^2/NDF :12.5/14

Left: 233.834 $\pm$ 60.259 χ^2/NDF : 63.2/30

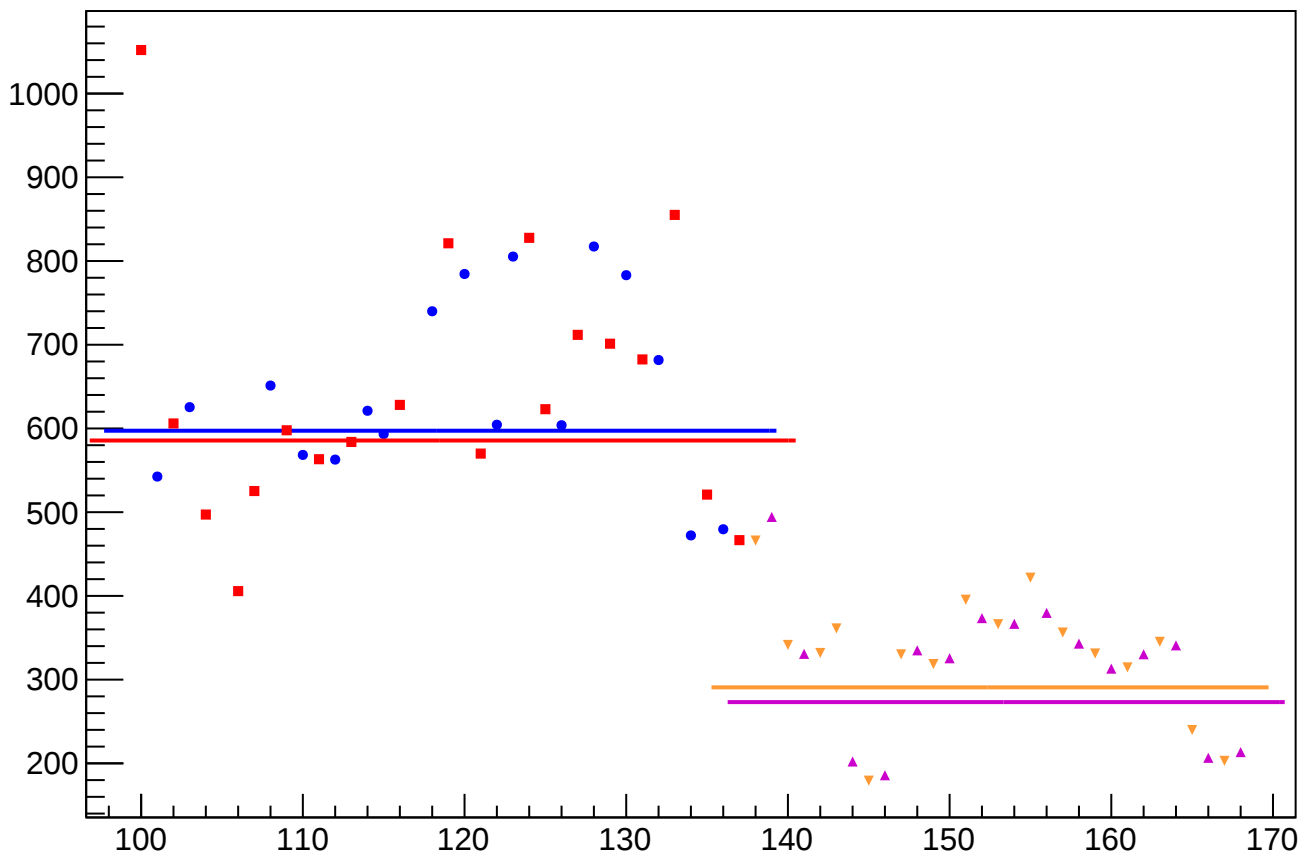
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: 19.730 $\pm$ 78.522 χ^2/NDF :41.2/31

Out: 395.655 $\pm$ 81.381 χ^2/NDF :56.4/34

All: 200.973 $\pm$ 56.507 χ^2/NDF : 108.7/66

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 290.768 $\pm$ 0.062 χ^2/NDF :1729083.5/15

Right Out: 585.615 $\pm$ 0.159 χ^2/NDF : 474610.2/18

Left In: 273.154 $\pm$ 0.059 χ^2/NDF :1789930.7/14

Left: 281.547 $\pm$ 0.043 χ^2/NDF : 3561637.4/30

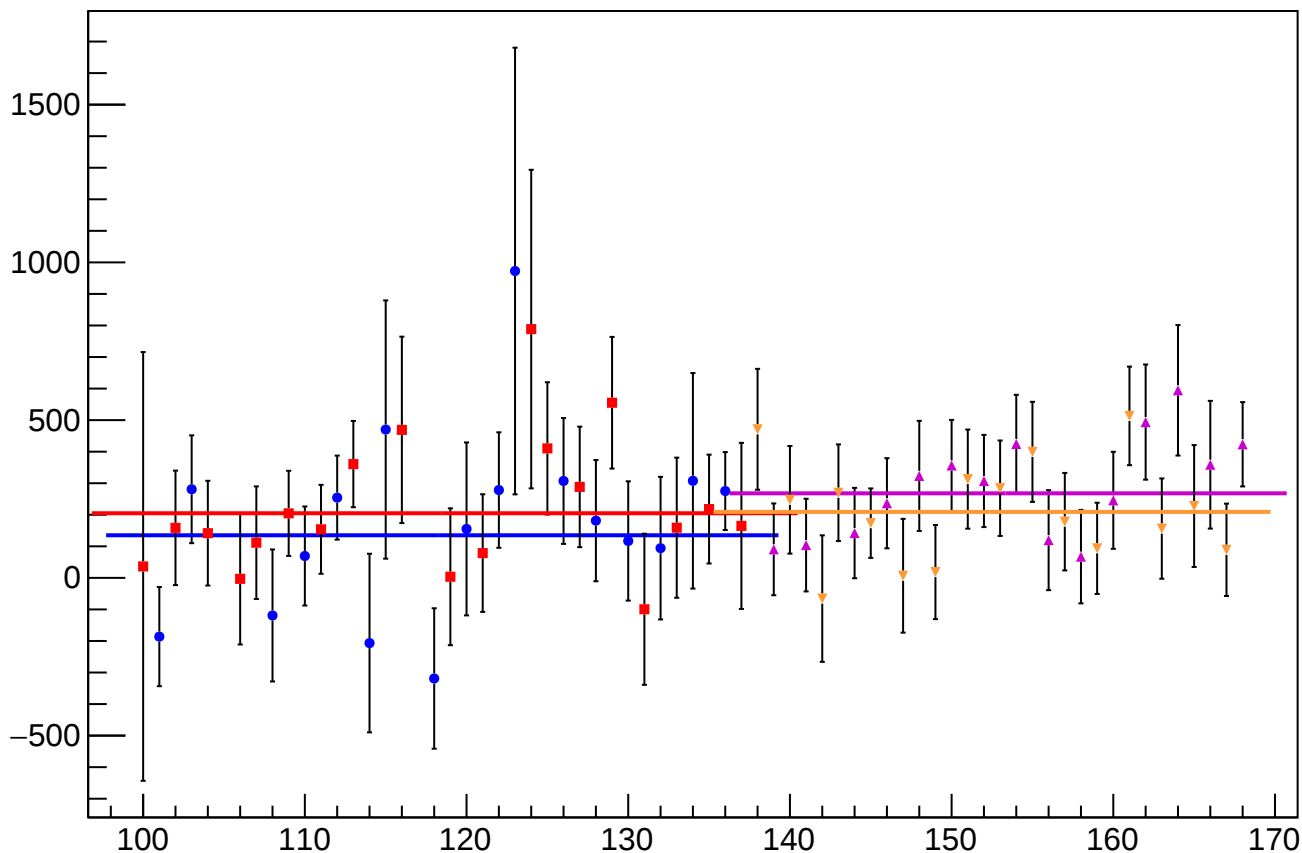
Right: 591.185 $\pm$ 0.115 χ^2/NDF : 840841.8/35

In: 309.160 $\pm$ 0.056 χ^2/NDF :5518860.9/31

Out: 329.377 $\pm$ 0.058 χ^2/NDF :5191300.4/34

All: 318.907 $\pm$ 0.040 χ^2/NDF : 10774084.2/60

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 209.069 $\pm$ 39.074 χ^2 /NDF:14.3/15

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 267.997 $\pm$ 40.105 χ^2 /NDF:13.4/14

Left: 237.767 $\pm$ 27.987 χ^2 /NDF: 28.9/30

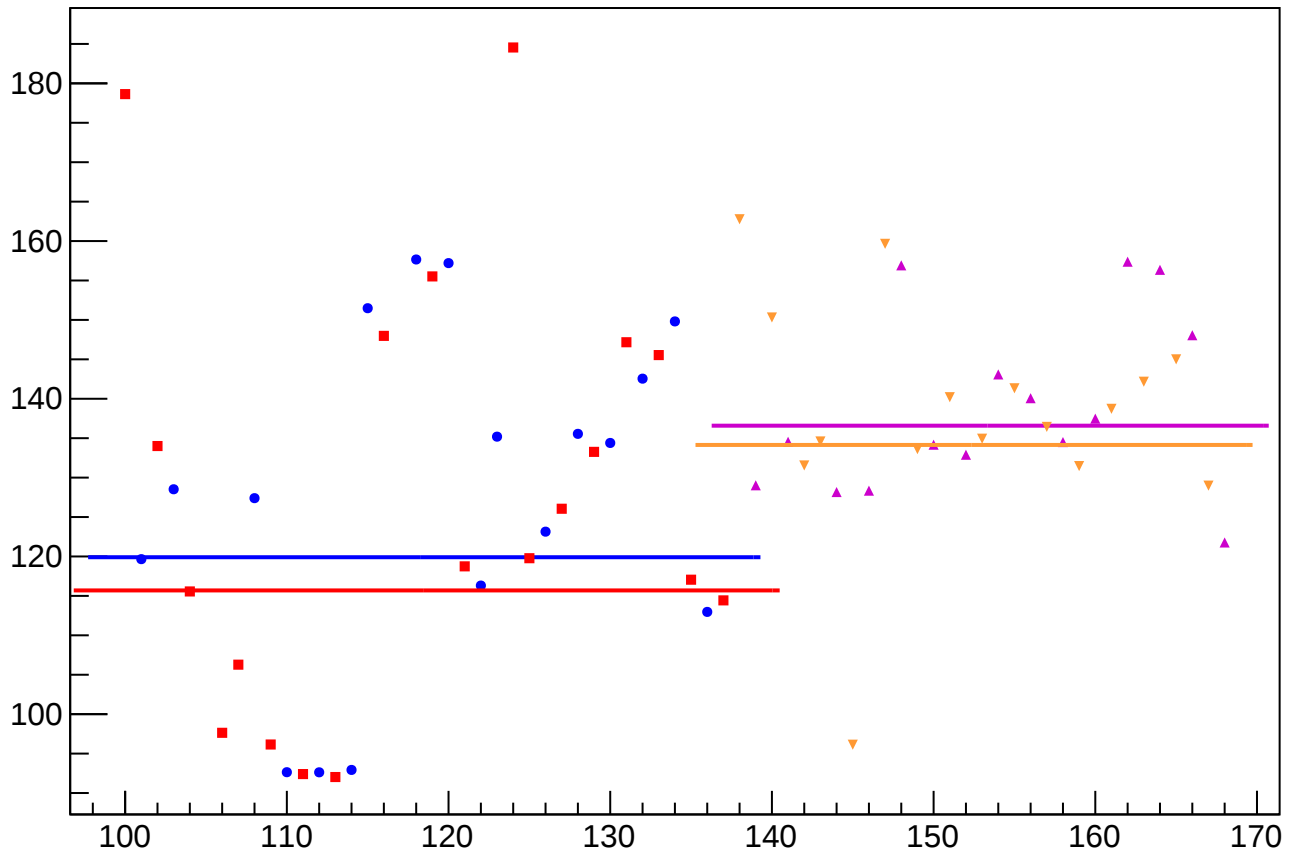
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 212.008 $\pm$ 30.514 χ^2 /NDF:36.1/31

Out: 207.237 $\pm$ 29.344 χ^2 /NDF:26.4/34

All: 209.529 $\pm$ 21.151 χ^2 /NDF: 62.6/66

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: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

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

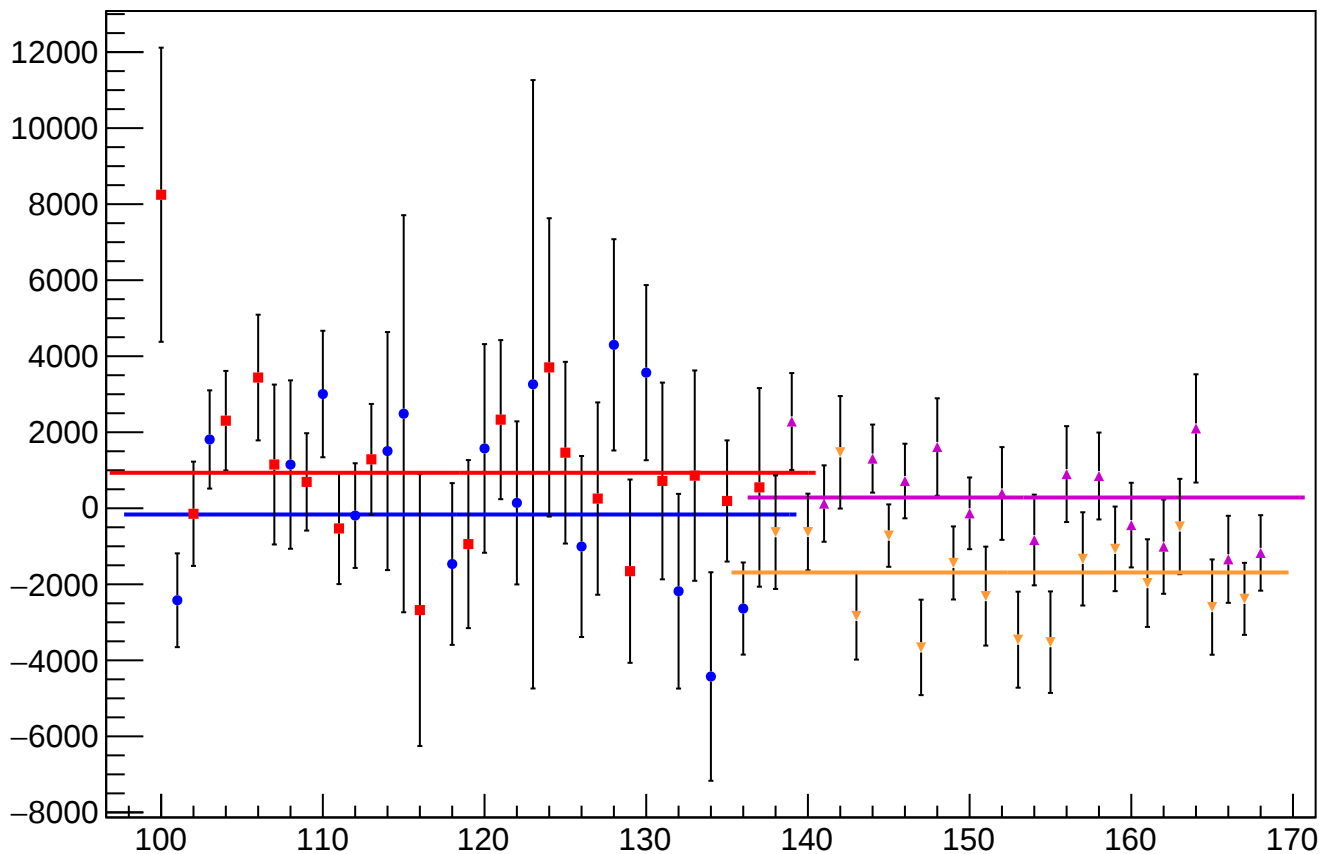
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 129.561 $\pm$ 0.022 χ^2/NDF :619719.1/31

Out: 126.099 $\pm$ 0.021 χ^2/NDF :995181.3/34

All: 127.762 $\pm$ 0.015 χ^2/NDF : 1628280.0/66

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1688.826 $\pm$ 285.850 χ^2 /NDF:17.6/15

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

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

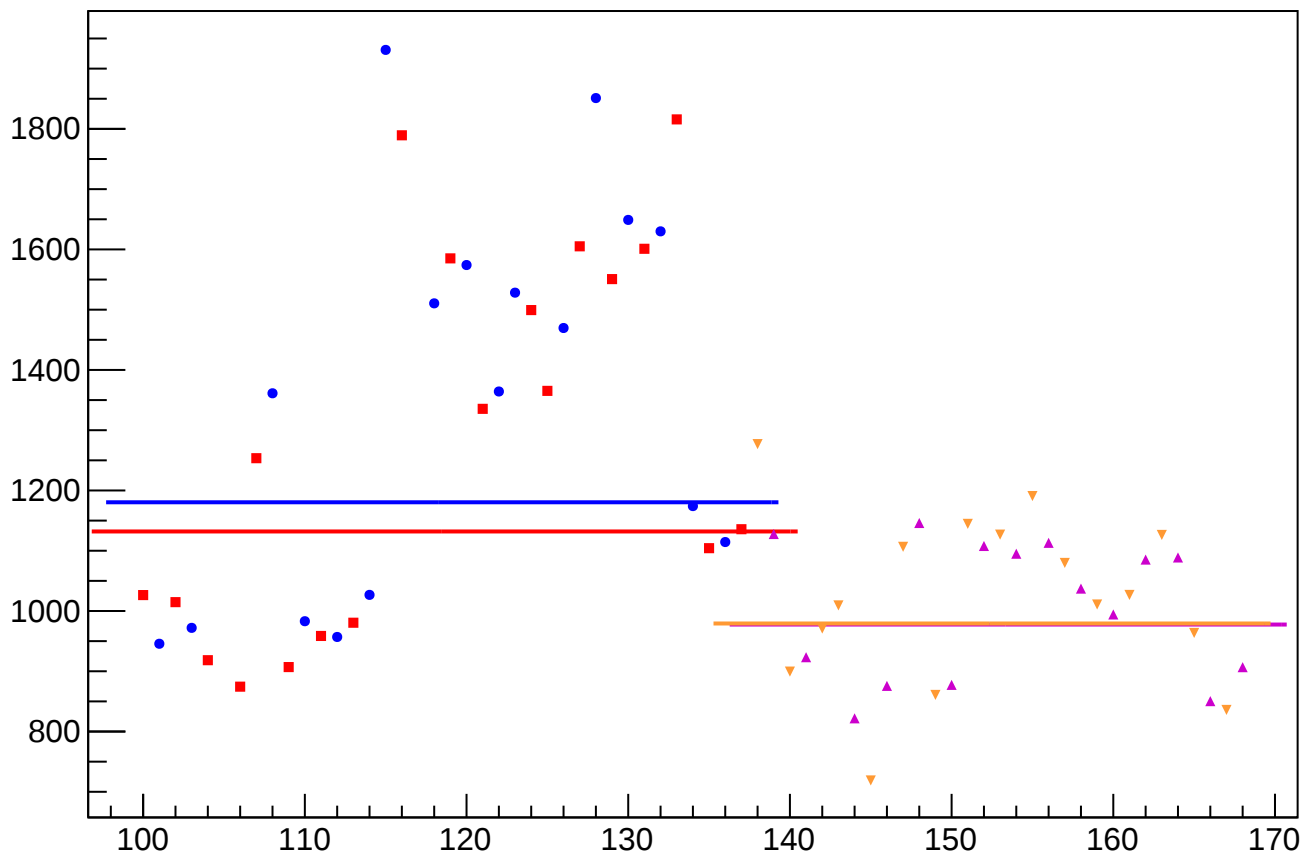
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 161.430 $\pm$ 245.043 χ^2 /NDF:38.3/31

Out: -904.512 $\pm$ 239.324 χ^2 /NDF:55.7/34

All: -384.124 $\pm$ 171.214 χ^2 /NDF: 103.7/66

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 979.271 $\pm$ 0.202 χ^2 /NDF: 547622.8/15

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 977.517 $\pm$ 0.203 χ^2 /NDF: 305993.7/14

Left: 978.398 $\pm$ 0.143 χ^2 /NDF: 853654.0/30

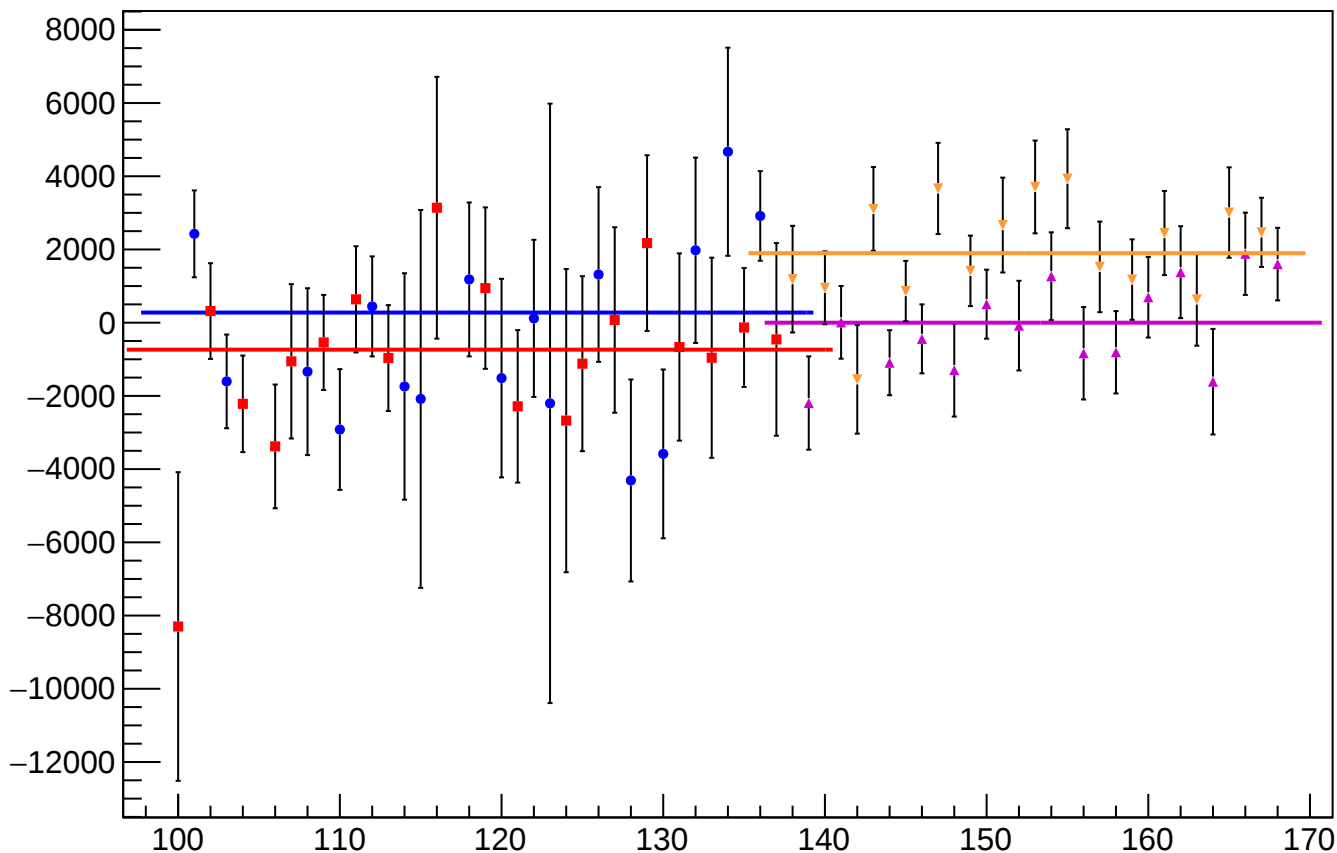
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1032.762 $\pm$ 0.173 χ^2 /NDF: 1246512.9/31

Out: 1024.936 $\pm$ 0.169 χ^2 /NDF: 1480211.7/34

All: 1028.757 $\pm$ 0.121 χ^2 /NDF: 2727768.7/66

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1899.009 $\pm$ 285.106 χ^2 /NDF:19.1/15

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

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

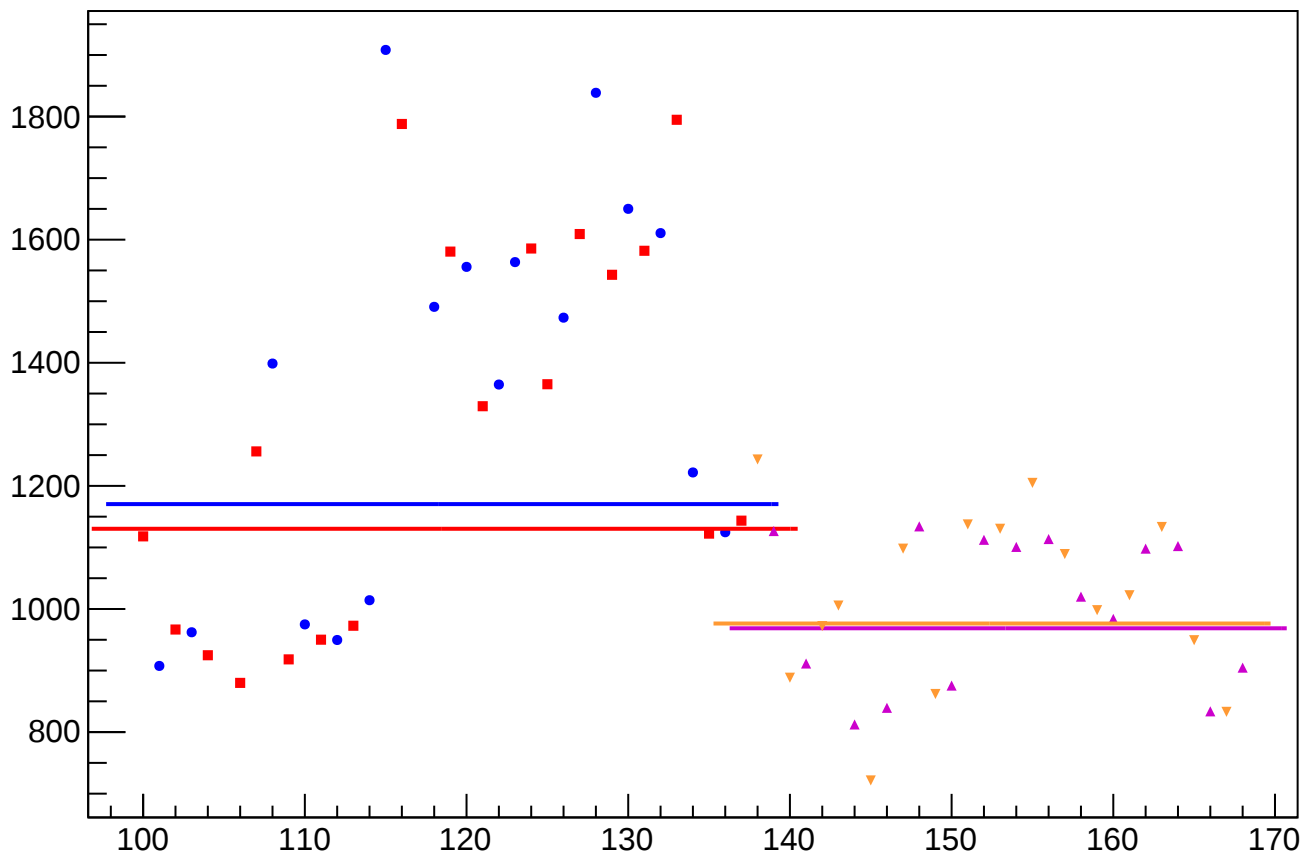
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: 74.926 $\pm$ 243.252 χ^2 /NDF:41.0/31

Out: 1113.198 $\pm$ 238.854 χ^2 /NDF:57.4/34

All: 603.533 $\pm$ 170.429 χ^2 /NDF: 107.6/66

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 976.410 $\pm$ 0.202 χ^2/NDF : 538771.0/15

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 968.654 $\pm$ 0.202 χ^2/NDF : 348891.4/14

Left: 972.532 $\pm$ 0.143 χ^2/NDF : 888402.3/30

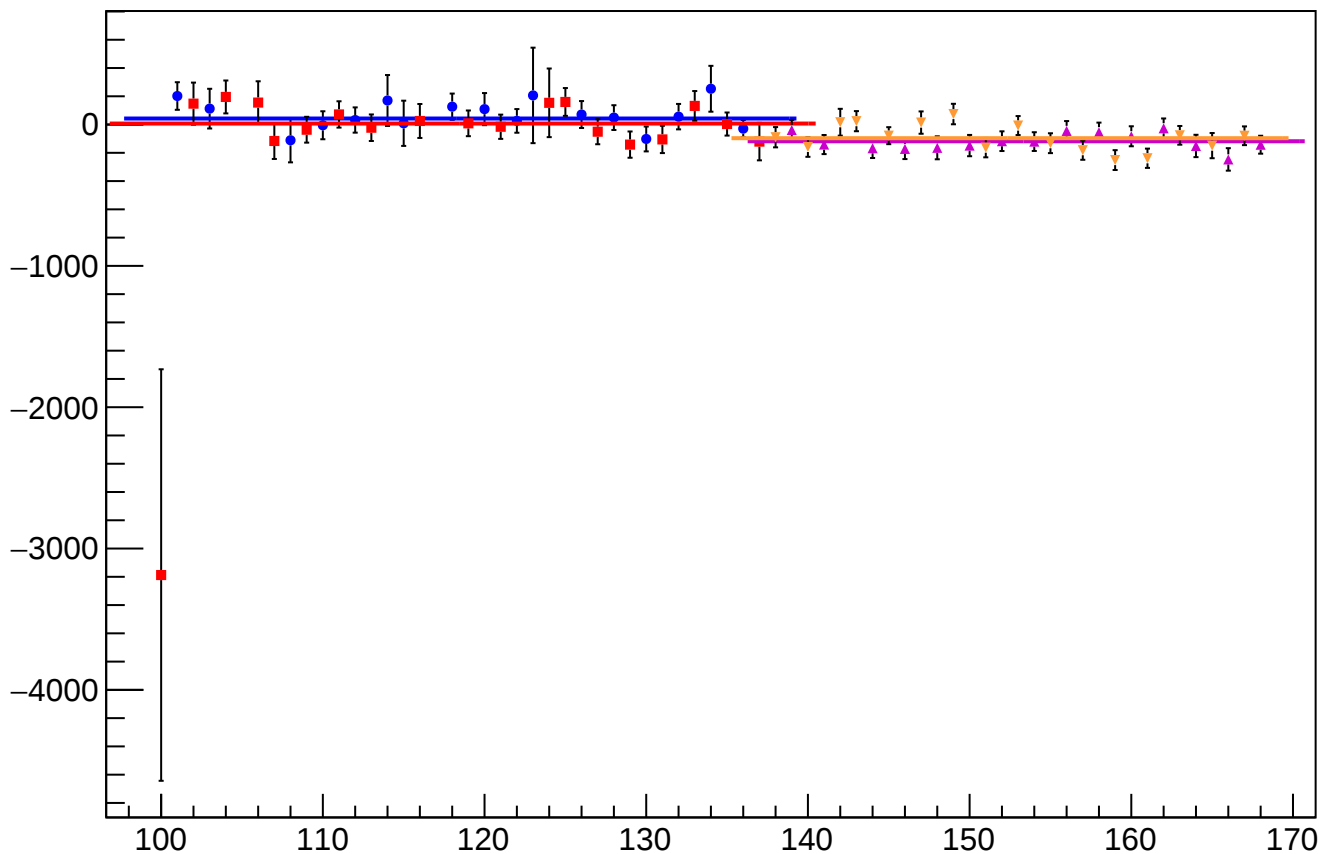
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1023.528 $\pm$ 0.172 χ^2/NDF : 1326794.4/31

Out: 1022.296 $\pm$ 0.169 χ^2/NDF : 1475587.1/34

All: 1022.901 $\pm$ 0.121 χ^2/NDF : 2802407.6/66

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 χ^2/NDF : 12.0/16

Left Out: -96.513 ± 17.700 χ^2/NDF : 26.9/15

Right Out: 7.090 ± 24.489 χ^2/NDF : 20.6/18

Left In: -118.090 ± 18.339 χ^2/NDF : 9.8/14

Left: -106.919 ± 12.736 χ^2/NDF : 37.5/30

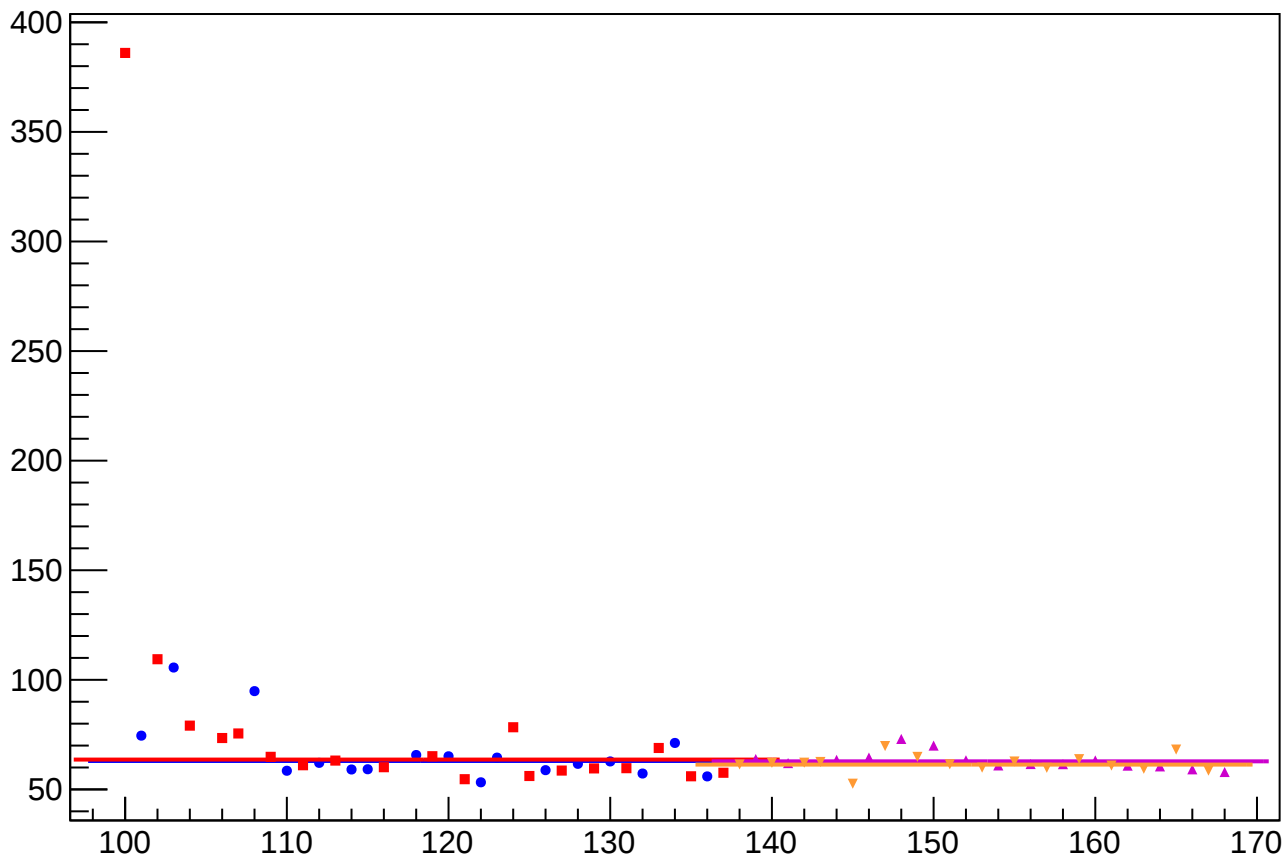
Right: 24.729 ± 17.391 χ^2/NDF : 33.6/35

In: -60.964 ± 14.724 χ^2/NDF : 49.1/31

Out: -60.961 ± 14.345 χ^2/NDF : 59.3/34

All: -60.962 ± 10.275 χ^2/NDF : 108.4/66

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.326 $\pm$ 0.013 χ^2 /NDF: 92944.9/15

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.810 $\pm$ 0.013 χ^2 /NDF: 74359.4/14

Left: 62.042 $\pm$ 0.009 χ^2 /NDF: 174080.0/30

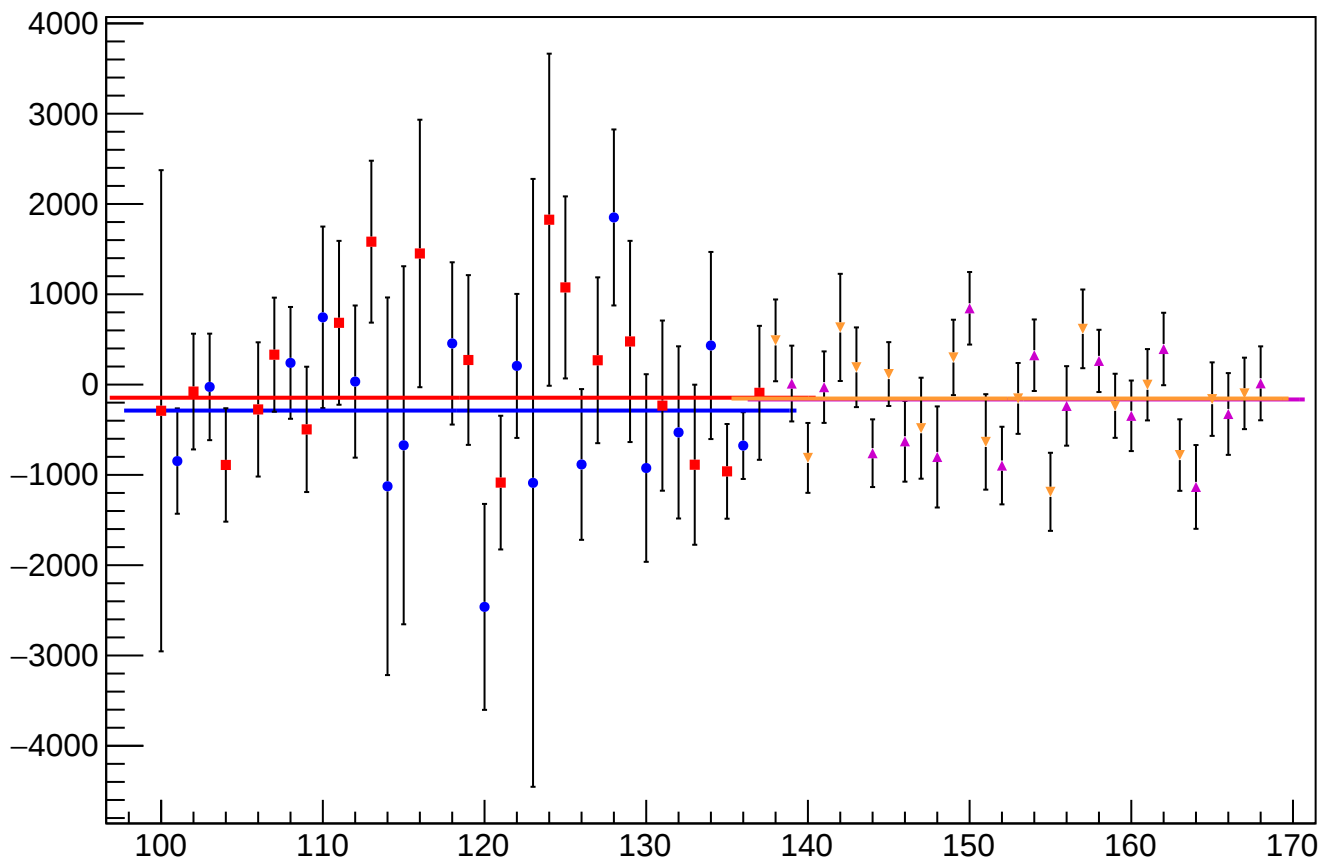
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.870 $\pm$ 0.010 χ^2 /NDF: 449684.1/31

Out: 62.111 $\pm$ 0.010 χ^2 /NDF: 537954.2/34

All: 62.481 $\pm$ 0.007 χ^2 /NDF: 990366.0/66

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -154.498 $\pm$ 105.237 χ^2 /NDF:21.8/15

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -164.747 $\pm$ 107.096 χ^2 /NDF:24.3/14

Left: -159.533 $\pm$ 75.062 χ^2 /NDF: 46.1/30

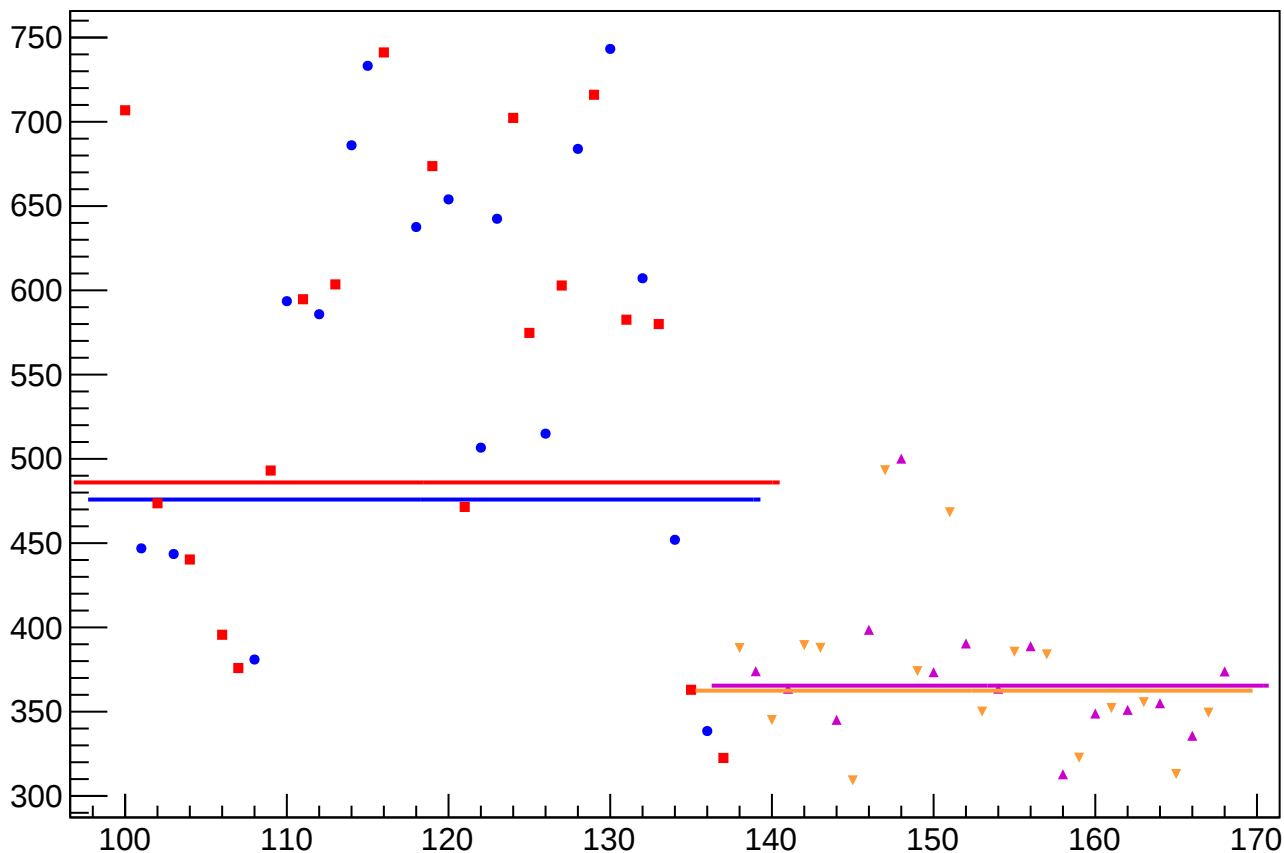
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -194.415 $\pm$ 93.283 χ^2 /NDF:40.0/31

Out: -152.301 $\pm$ 91.748 χ^2 /NDF:37.9/34

All: -173.009 $\pm$ 65.412 χ^2 /NDF: 78.0/66

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 ± 0.134 χ^2/NDF : 837808.5/16

Left Out: 362.468 ± 0.074 χ^2/NDF : 328913.8/15

Right Out: 486.011 ± 0.132 χ^2/NDF : 730123.7/18

Left In: 365.444 ± 0.076 χ^2/NDF : 209998.9/14

Left: 363.930 ± 0.053 χ^2/NDF : 539698.0/30

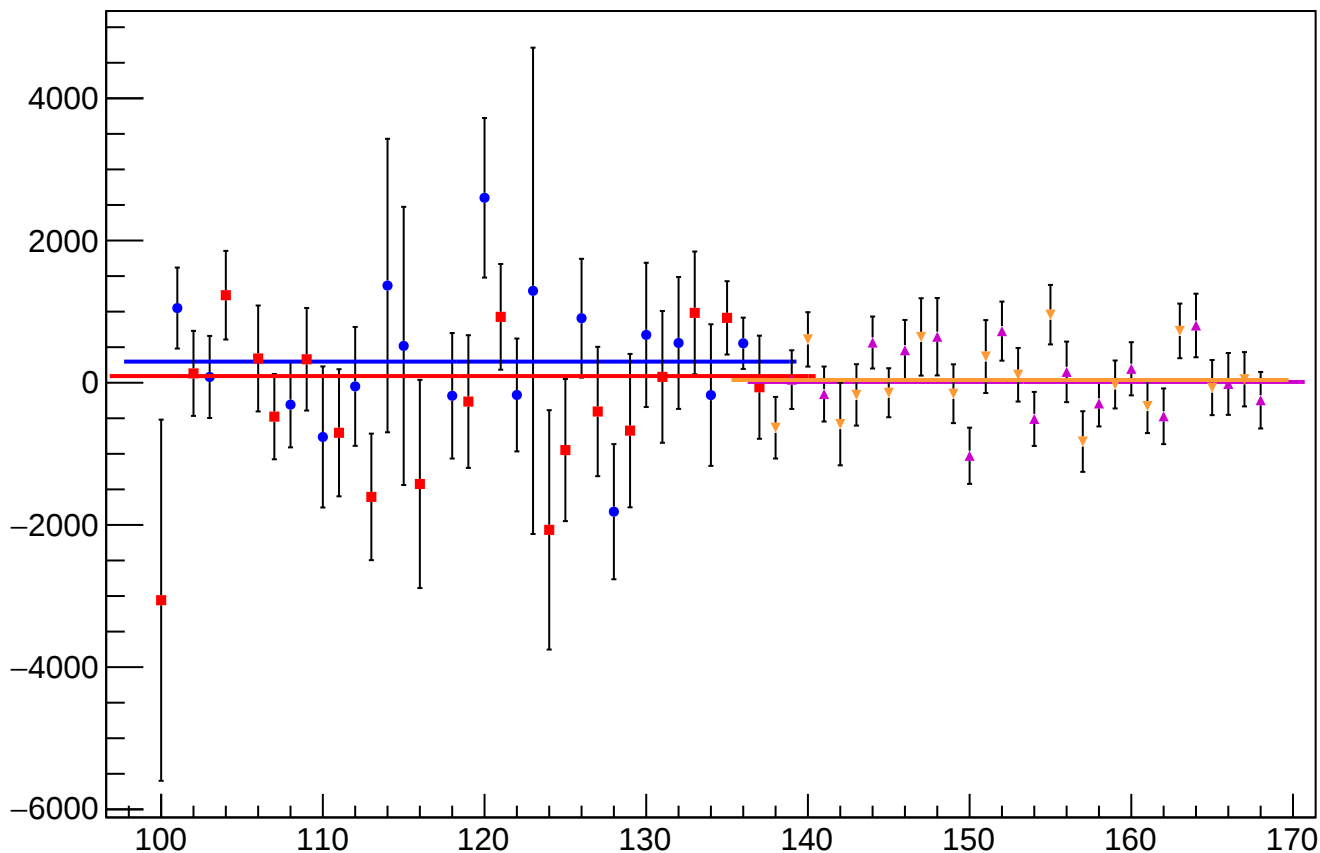
Right: 481.010 ± 0.094 χ^2/NDF : 1570822.6/35

In: 392.093 ± 0.066 χ^2/NDF : 1560953.9/31

Out: 392.108 ± 0.065 χ^2/NDF : 1720324.4/34

All: 392.101 ± 0.046 χ^2/NDF : 3281278.3/66

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 38.438 $\pm$ 101.977 χ^2 /NDF:21.4/15

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 11.070 $\pm$ 103.479 χ^2 /NDF:23.0/14

Left: 24.954 $\pm$ 72.634 χ^2 /NDF: 44.5/30

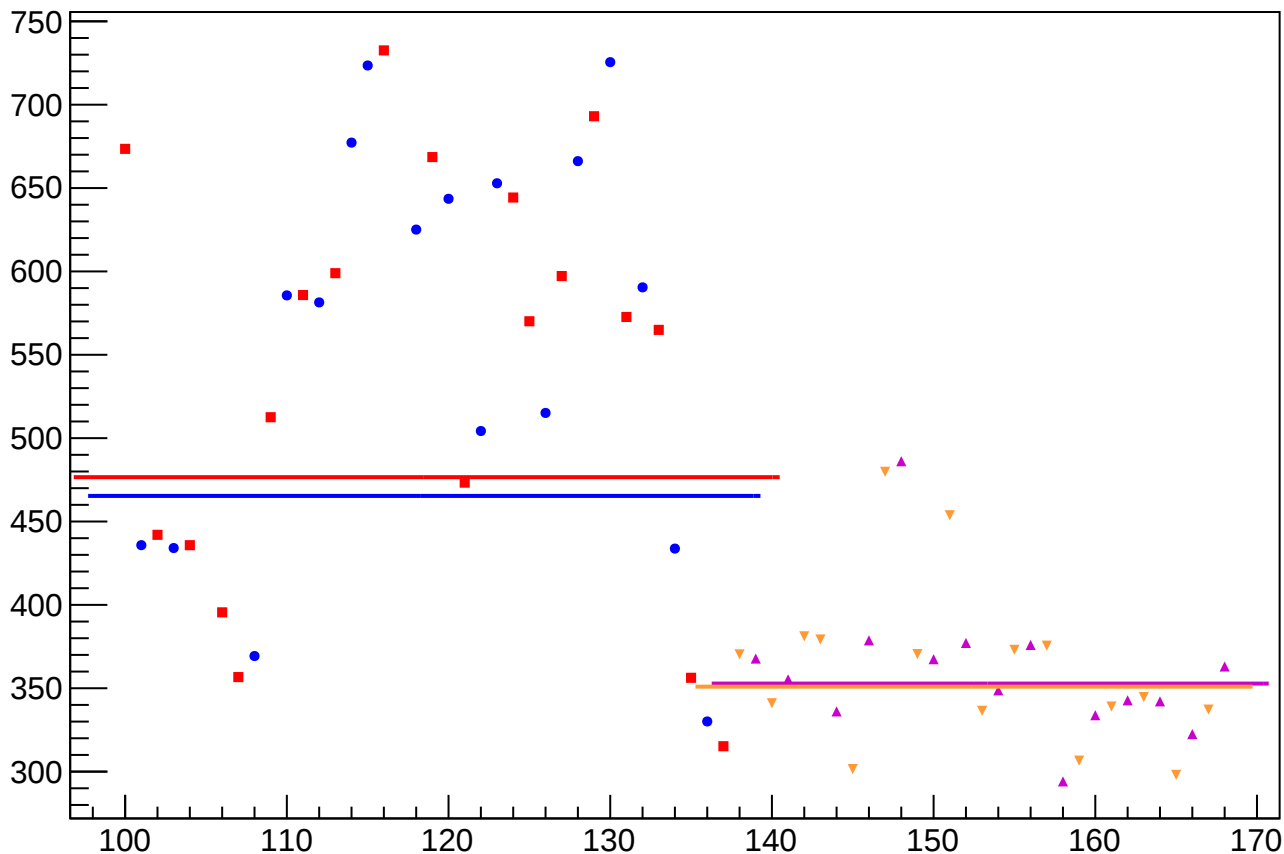
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 78.661 $\pm$ 90.424 χ^2 /NDF:40.7/31

Out: 51.391 $\pm$ 89.185 χ^2 /NDF:41.6/34

All: 64.838 $\pm$ 63.497 χ^2 /NDF: 82.3/66

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: 476.597+/-0.130 χ^2/NDF : 752936.0/18

Left In: 352.799+/-0.073 χ^2/NDF : 234408.7/14

Left: 351.861+/-0.051 χ^2/NDF : 584266.6/30

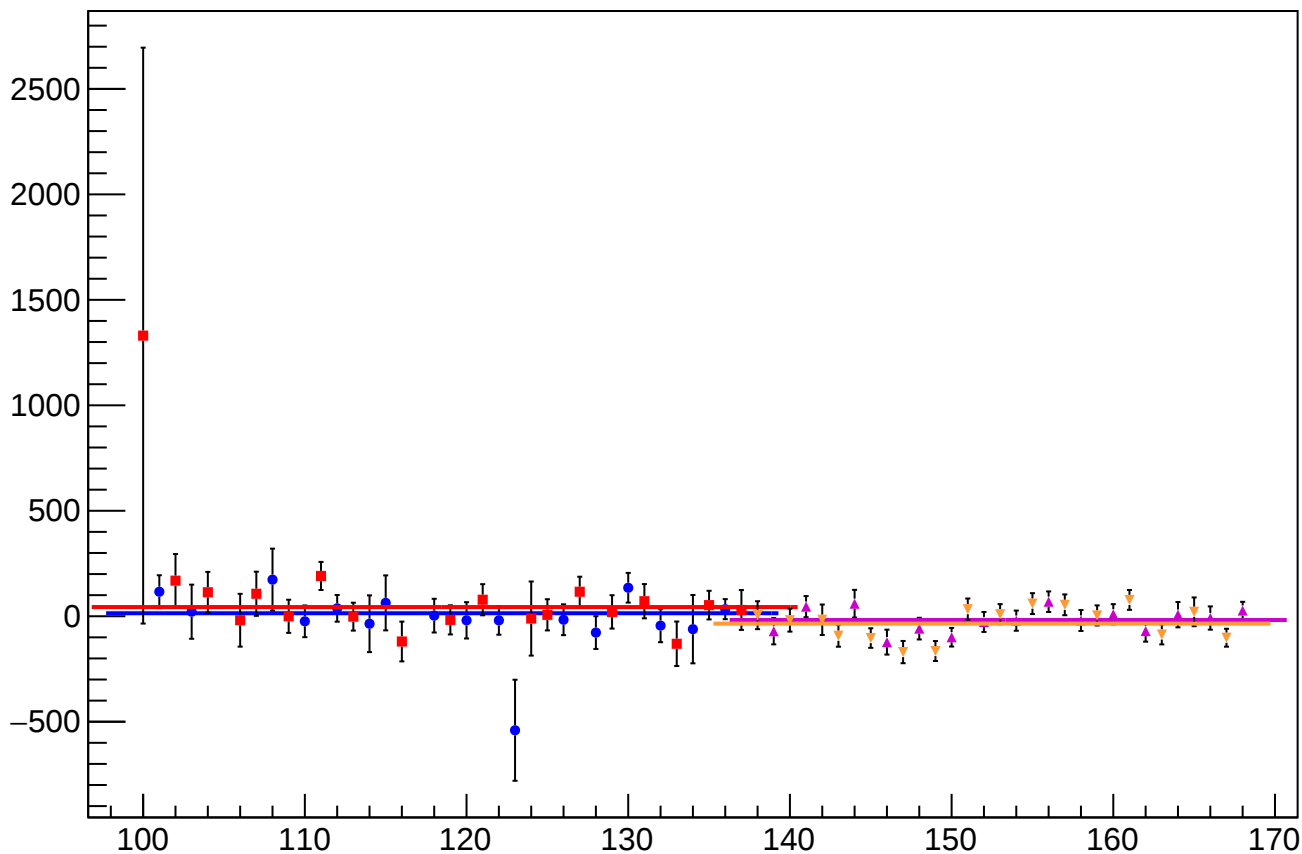
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 379.408+/-0.064 χ^2/NDF : 1654236.6/31

Out: 380.495+/-0.063 χ^2/NDF : 1816431.9/34

All: 379.959+/-0.045 χ^2/NDF : 3470815.3/66

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -34.941 ± 12.735 χ^2/NDF : 38.4/15

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -17.897 ± 13.137 χ^2/NDF : 16.9/14

Left: -26.684 ± 9.144 χ^2/NDF : 56.1/30

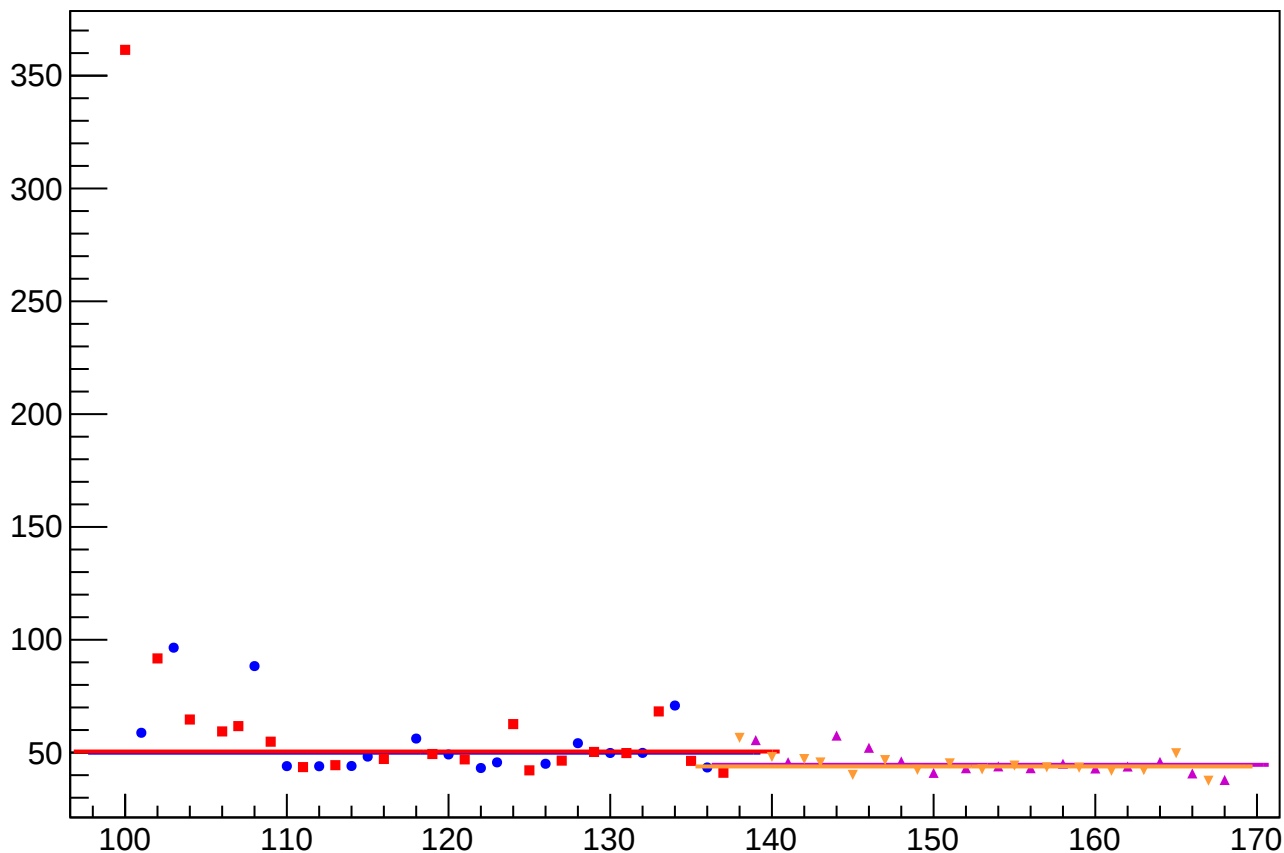
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -8.116 ± 10.958 χ^2/NDF : 33.5/31

Out: -11.706 ± 10.686 χ^2/NDF : 66.7/34

All: -9.956 ± 7.651 χ^2/NDF : 100.2/66

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 43.859+/-0.009 χ^2/NDF : 181170.9/15

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 44.585+/-0.009 χ^2/NDF : 258283.3/14

Left: 44.211+/-0.006 χ^2/NDF : 442602.5/30

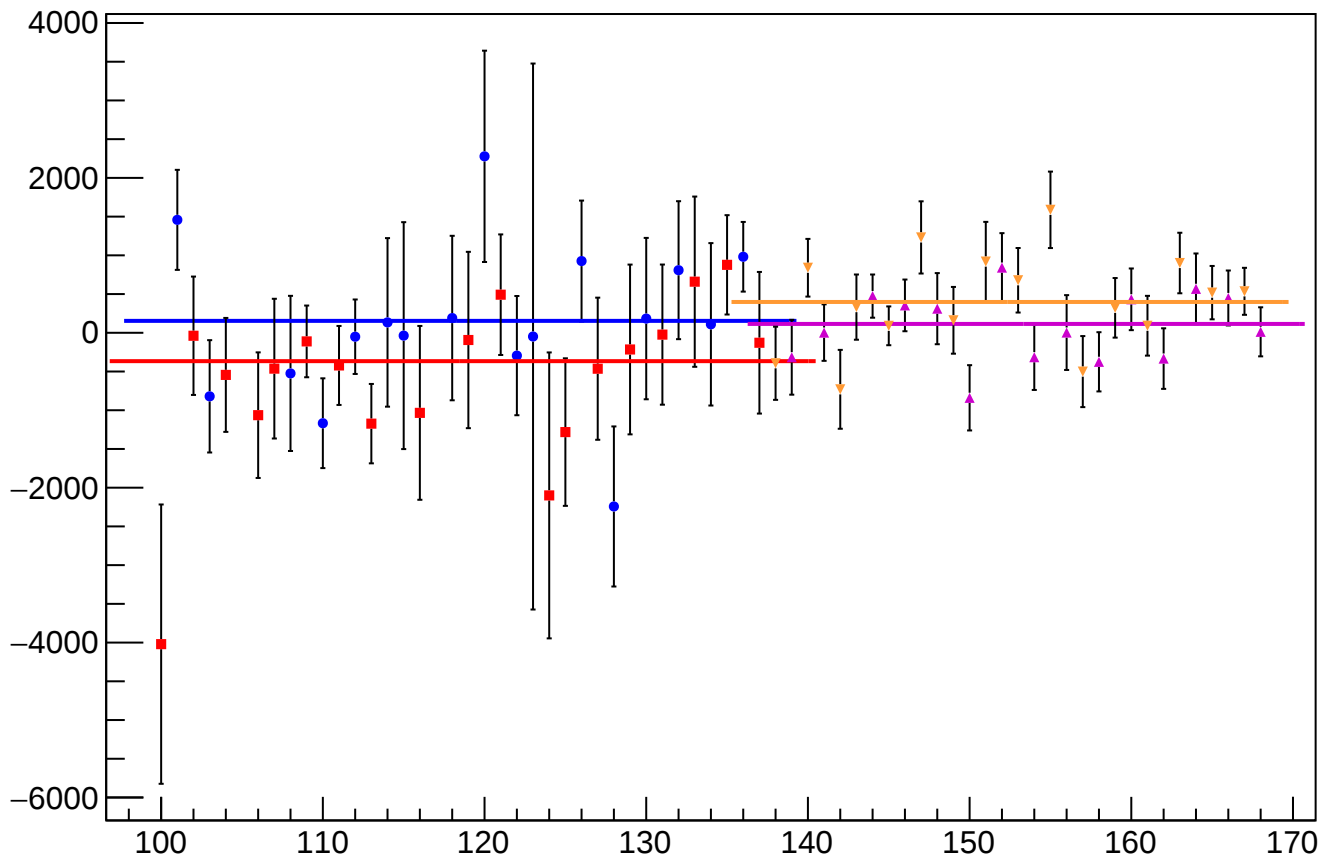
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 46.224+/-0.008 χ^2/NDF : 939391.3/31

Out: 45.815+/-0.008 χ^2/NDF : 912024.9/34

All: 46.015+/-0.005 χ^2/NDF : 1852842.5/66

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 398.002 $\pm$ 97.663 χ^2 /NDF:28.0/15

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

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

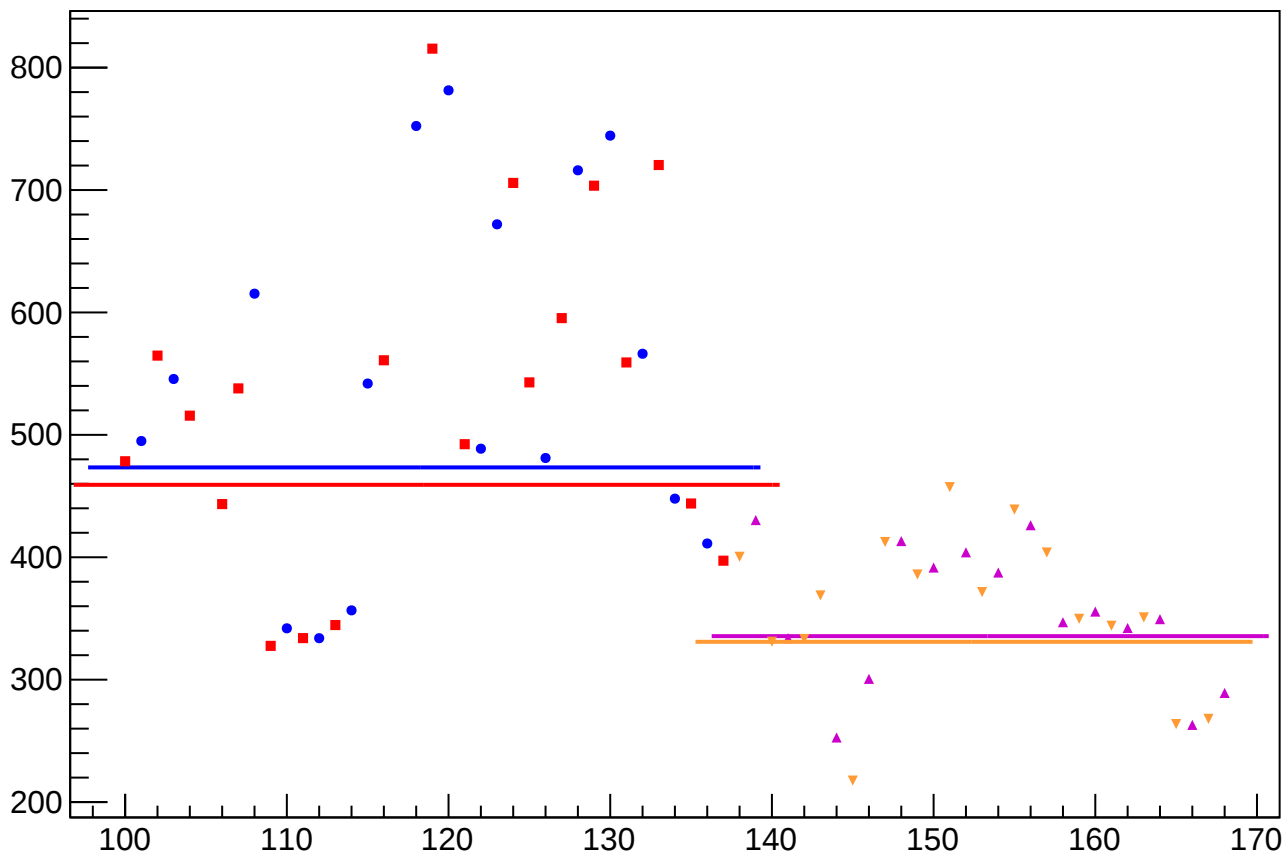
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 122.830 $\pm$ 88.031 χ^2 /NDF:42.5/31

Out: 222.540 $\pm$ 85.722 χ^2 /NDF:58.2/34

All: 174.009 $\pm$ 61.415 χ^2 /NDF: 101.4/66

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 330.943 $\pm$ 0.069 χ^2 /NDF:1024309.5/15

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 335.567 $\pm$ 0.070 χ^2 /NDF:651326.5/14

Left: 333.216 $\pm$ 0.049 χ^2 /NDF: 1677839.0/30

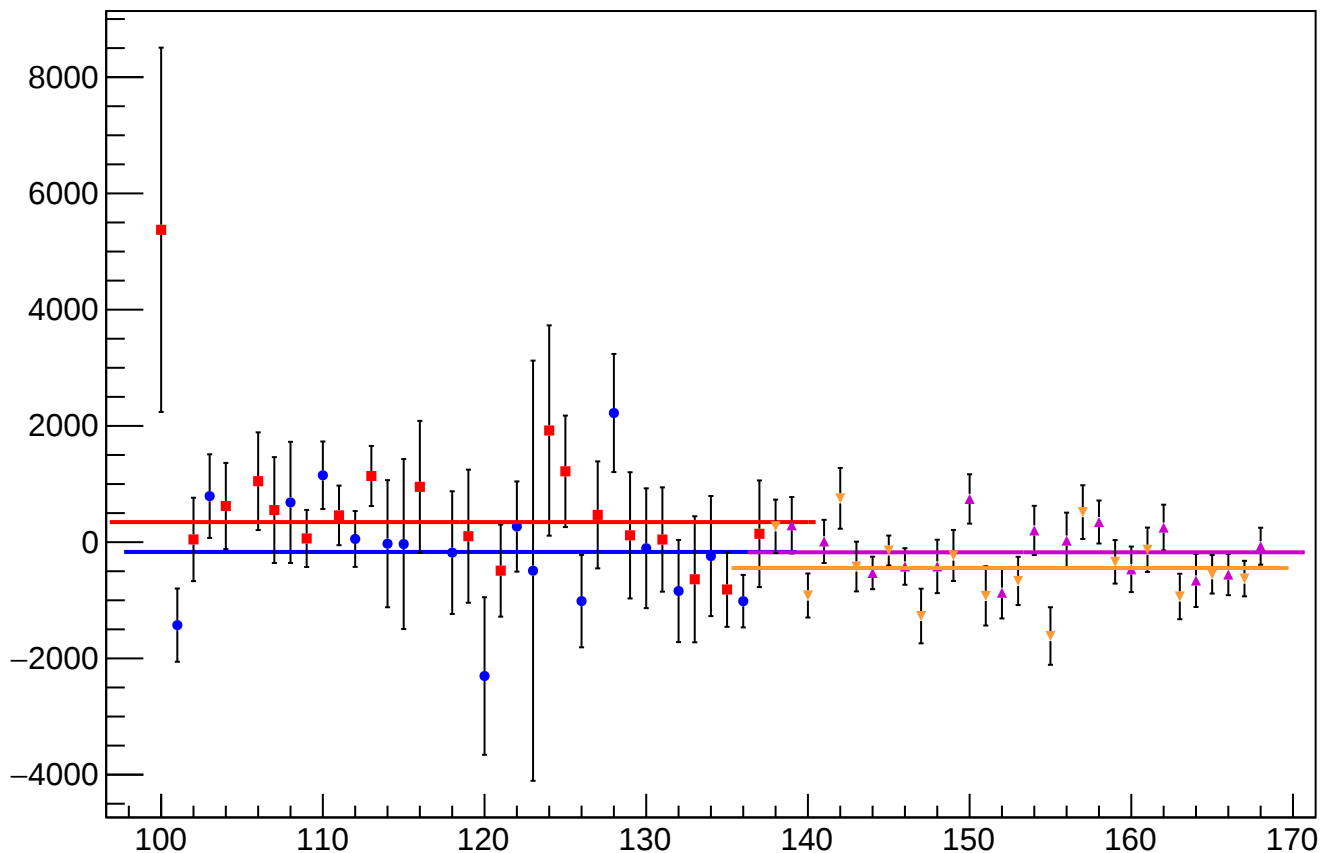
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 365.168 $\pm$ 0.062 χ^2 /NDF:2393143.7/31

Out: 360.384 $\pm$ 0.061 χ^2 /NDF:2822426.9/34

All: 362.712 $\pm$ 0.043 χ^2 /NDF: 5218602.4/66

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -445.253 ± 97.848 $\chi^2/\text{NDF}: 27.8/15$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -174.300 ± 98.713 $\chi^2/\text{NDF}: 17.9/14$

Left: -310.969 ± 69.493 $\chi^2/\text{NDF}: 49.5/30$

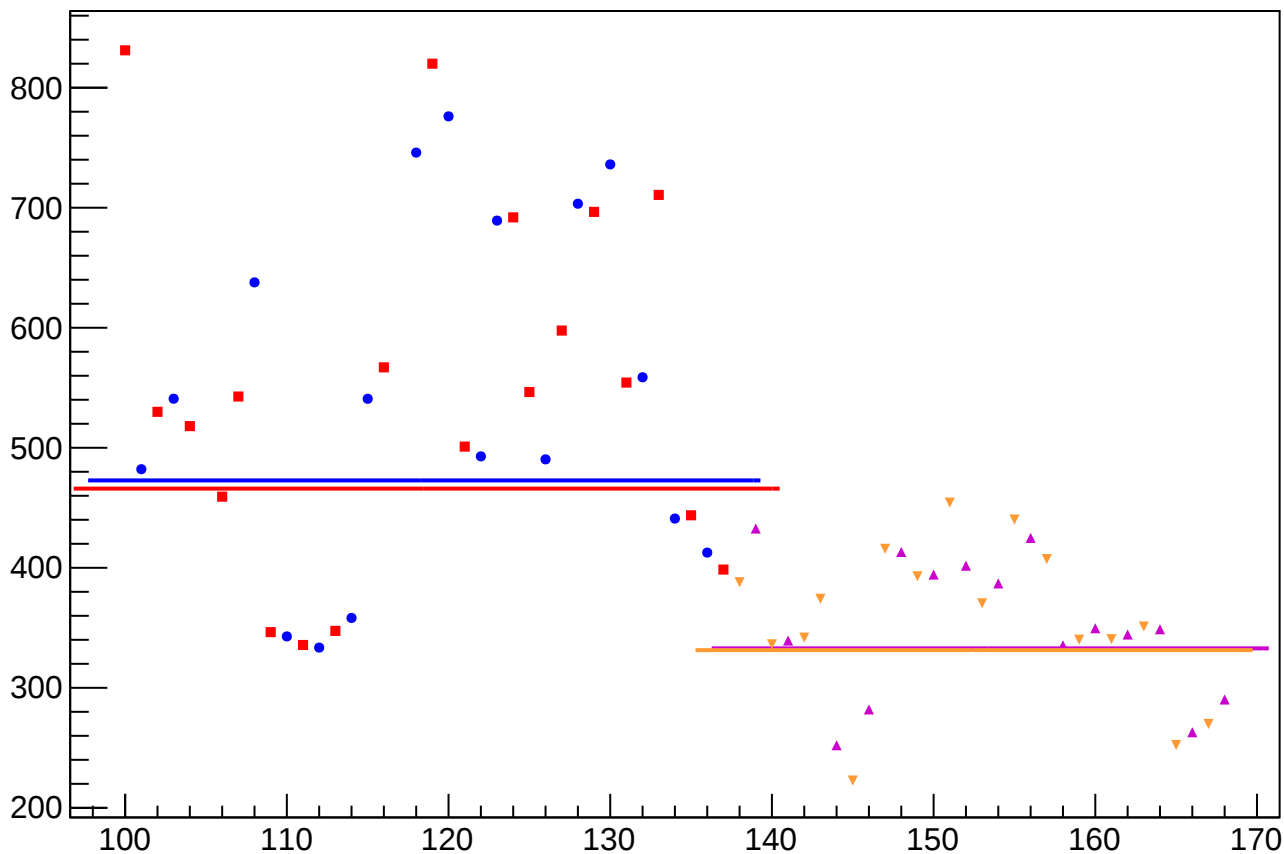
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -172.969 ± 87.573 $\chi^2/\text{NDF}: 43.3/31$

Out: -266.815 ± 86.103 $\chi^2/\text{NDF}: 56.3/34$

All: -220.686 ± 61.397 $\chi^2/\text{NDF}: 100.2/66$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 331.397 $\pm$ 0.069 χ^2/NDF :1000023.8/15

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 332.868 $\pm$ 0.070 χ^2/NDF :682764.0/14

Left: 332.126 $\pm$ 0.049 χ^2/NDF : 1683011.8/30

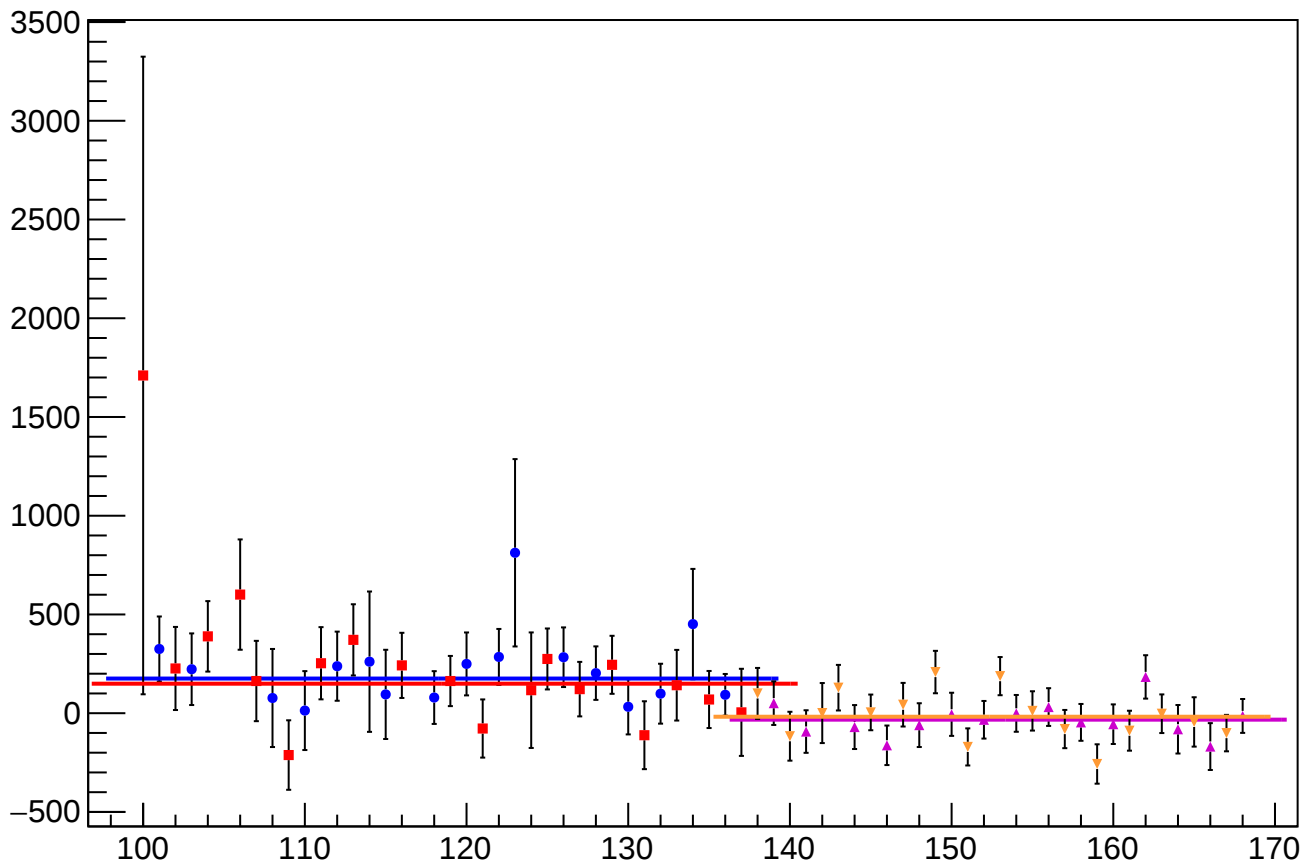
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 362.675 $\pm$ 0.062 χ^2/NDF :2435334.2/31

Out: 361.768 $\pm$ 0.061 χ^2/NDF :2795950.7/34

All: 362.214 $\pm$ 0.043 χ^2/NDF : 5231393.7/66

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: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -32.699 $\pm$ 26.544 χ^2 /NDF:8.8/14

Left: -25.227 $\pm$ 18.678 χ^2 /NDF: 31.7/30

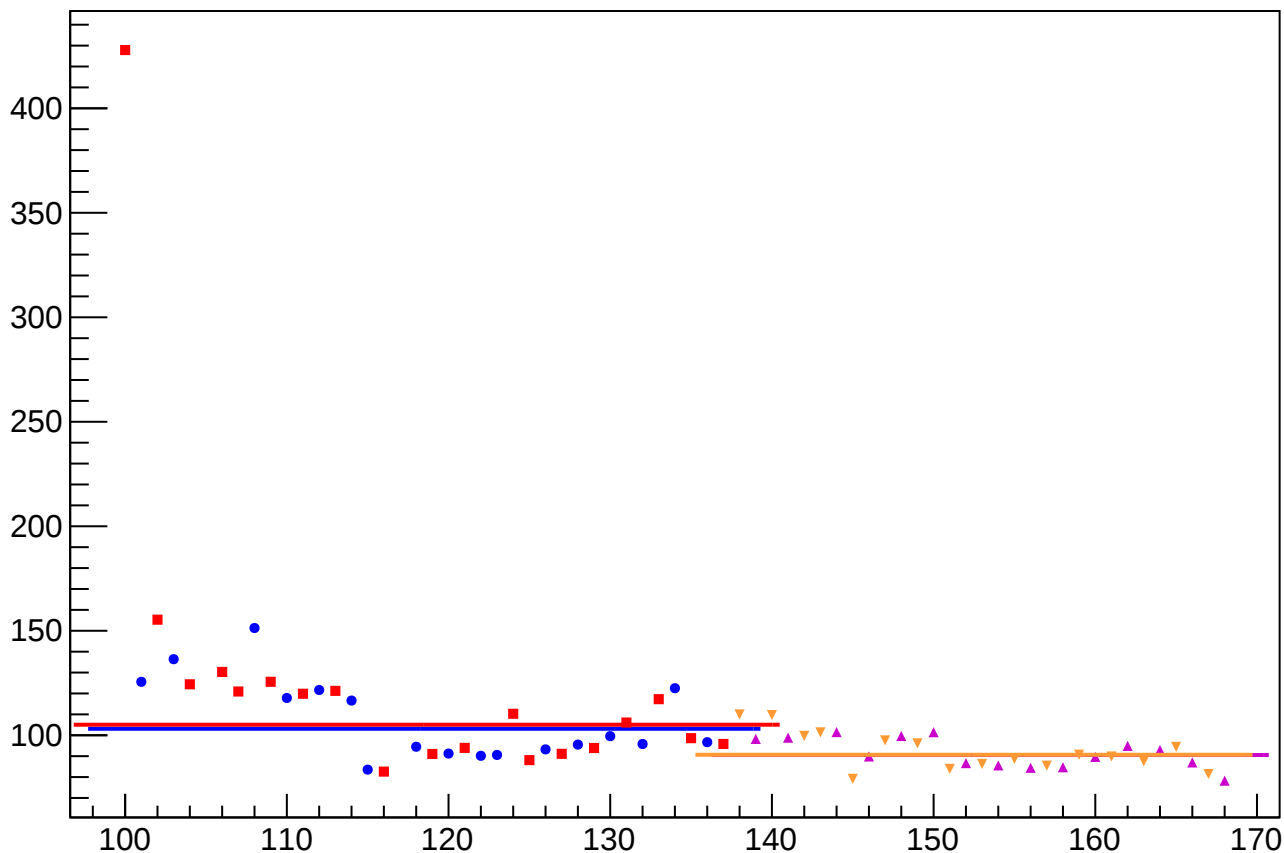
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 30.158 $\pm$ 22.177 χ^2 /NDF:36.0/31

Out: 32.005 $\pm$ 22.020 χ^2 /NDF:53.2/34

All: 31.088 $\pm$ 15.626 χ^2 /NDF: 89.2/66

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 90.664 $\pm$ 0.019 χ^2 /NDF:206532.4/15

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 90.540 $\pm$ 0.019 χ^2 /NDF:146439.0/14

Left: 90.603 $\pm$ 0.013 χ^2 /NDF: 352993.5/30

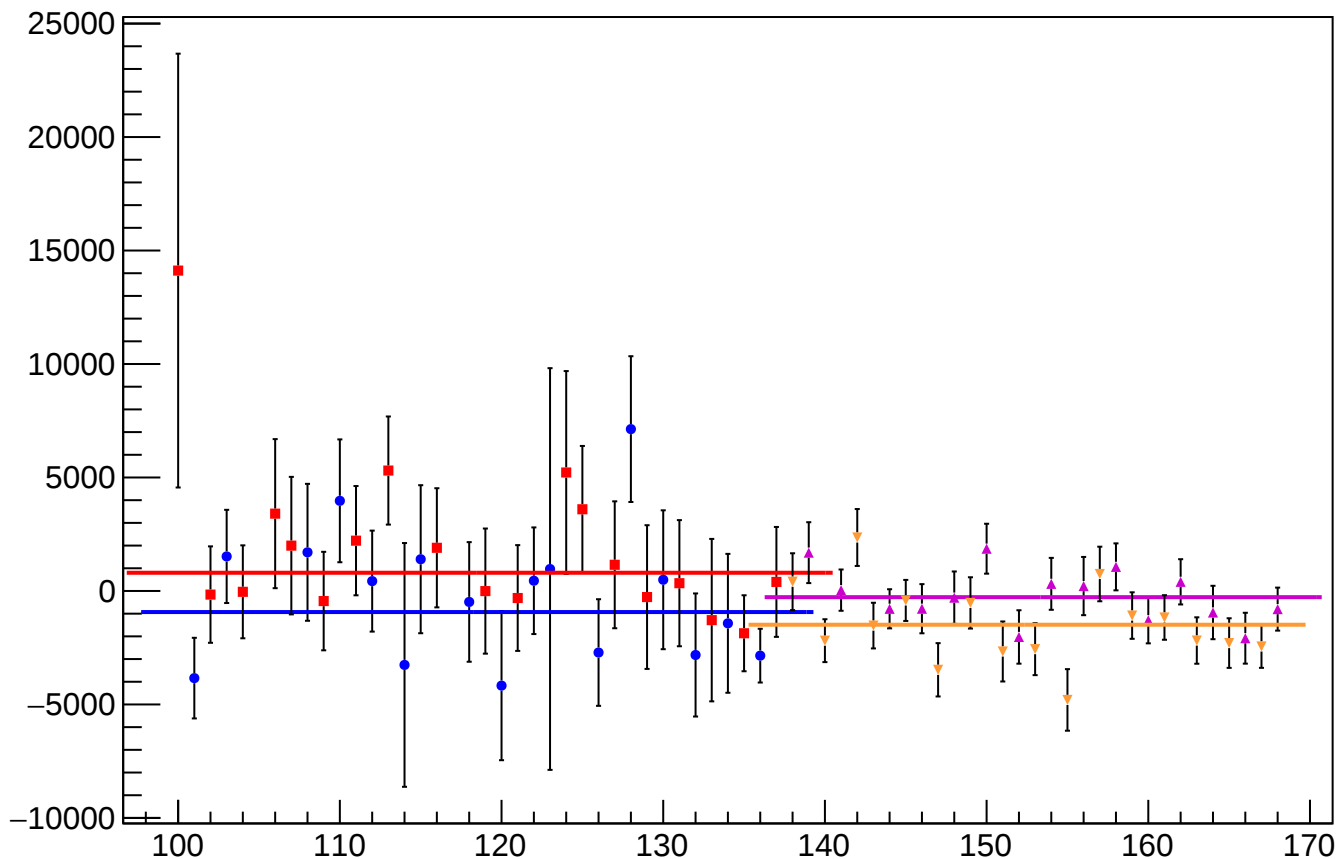
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 94.336 $\pm$ 0.016 χ^2 /NDF:588356.2/31

Out: 94.954 $\pm$ 0.016 χ^2 /NDF:833786.1/34

All: 94.647 $\pm$ 0.011 χ^2 /NDF: 1422923.0/66

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1487.379 $\pm$ 271.248 χ^2 /NDF:30.6/15

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

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

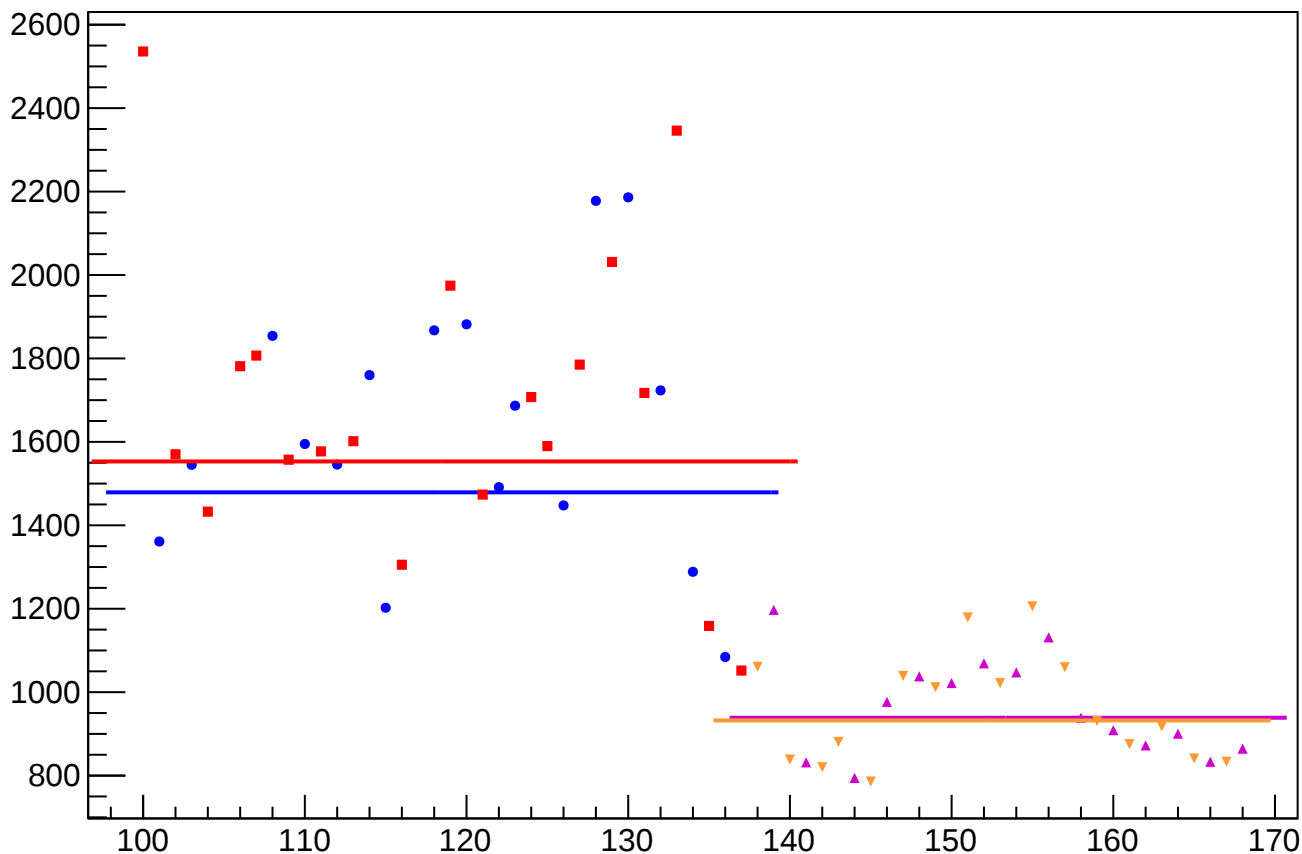
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -391.419 $\pm$ 249.406 χ^2 /NDF:37.5/31

Out: -1092.001 $\pm$ 246.726 χ^2 /NDF:55.8/34

All: -745.494 $\pm$ 175.401 χ^2 /NDF: 97.3/66

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 932.274+/-0.192 χ^2/NDF : 369811.8/15

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 938.750+/-0.195 χ^2/NDF : 317022.3/14

Left: 935.462+/-0.137 χ^2/NDF : 687395.2/30

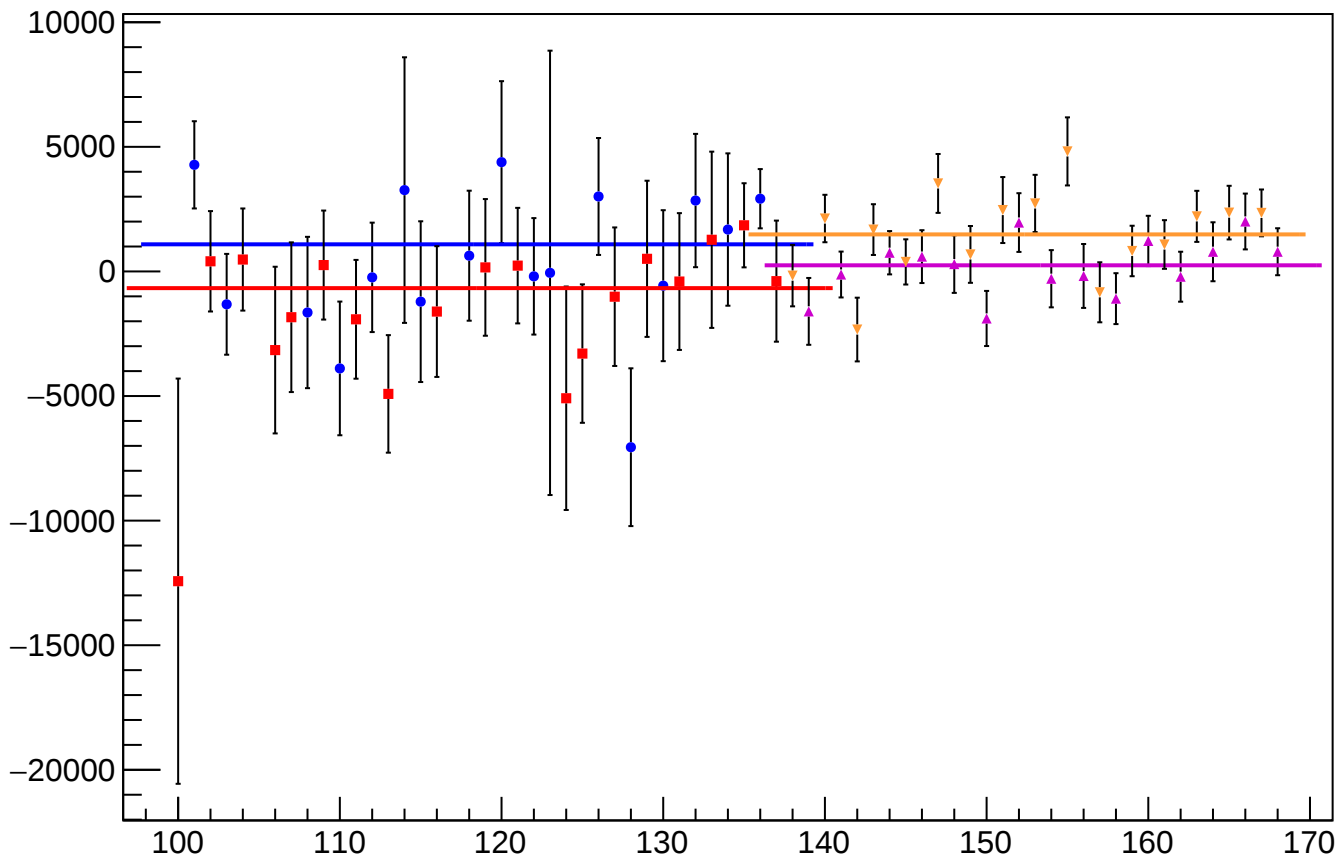
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1036.288+/-0.176 χ^2/NDF : 2294999.5/31

Out: 1039.447+/-0.174 χ^2/NDF : 2662162.2/34

All: 1037.884+/-0.124 χ^2/NDF : 4957323.8/66

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1486.173 $\pm$ 271.517 χ^2 /NDF:30.2/15

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 245.914 $\pm$ 275.484 χ^2 /NDF:14.6/14

Left: 875.038 $\pm$ 193.379 χ^2 /NDF: 55.0/30

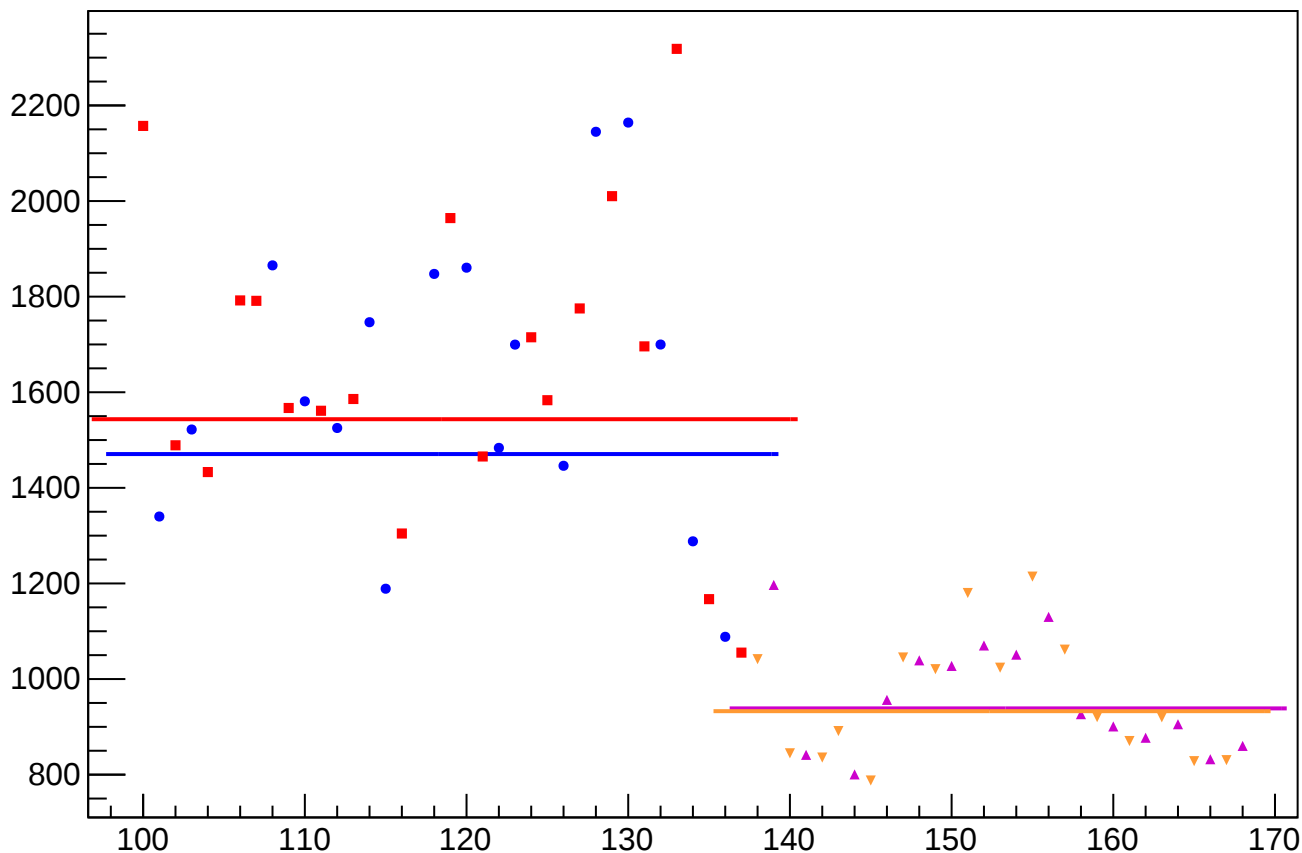
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 399.476 $\pm$ 249.102 χ^2 /NDF:38.1/31

Out: 1109.299 $\pm$ 246.652 χ^2 /NDF:53.2/34

All: 757.896 $\pm$ 175.269 χ^2 /NDF: 95.4/66

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 932.801+/-0.192 χ^2/NDF : 370198.4/15

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 938.602+/-0.195 χ^2/NDF : 308332.4/14

Left: 935.659+/-0.137 χ^2/NDF : 678980.7/30

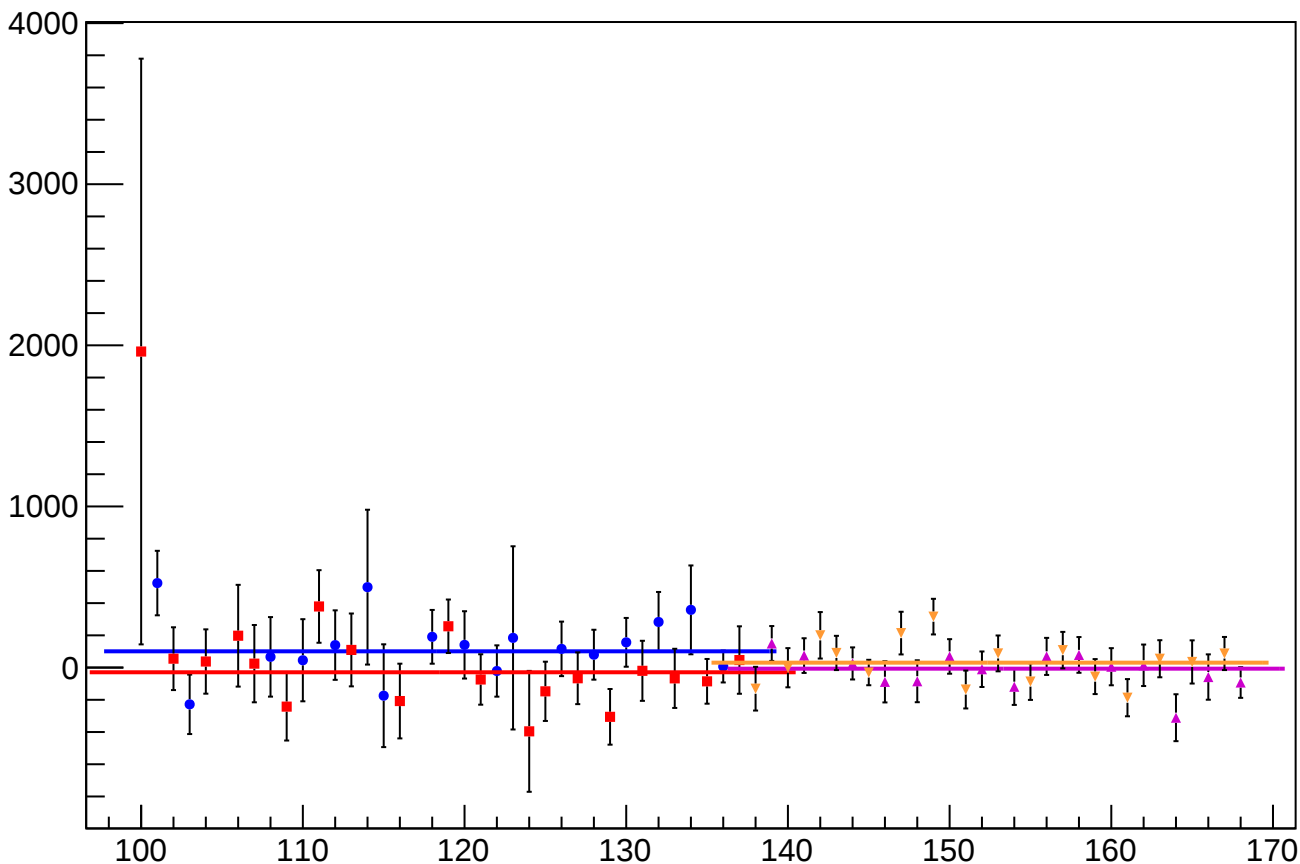
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1035.633+/-0.176 χ^2/NDF : 2236636.6/31

Out: 1039.551+/-0.174 χ^2/NDF : 2593309.4/34

All: 1037.611+/-0.124 χ^2/NDF : 4830195.8/66

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 30.496 $\pm$ 28.262 χ^2 /NDF:20.7/15

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: -6.855 $\pm$ 29.601 χ^2 /NDF:11.4/14

Left: 12.684 $\pm$ 20.441 χ^2 /NDF: 33.0/30

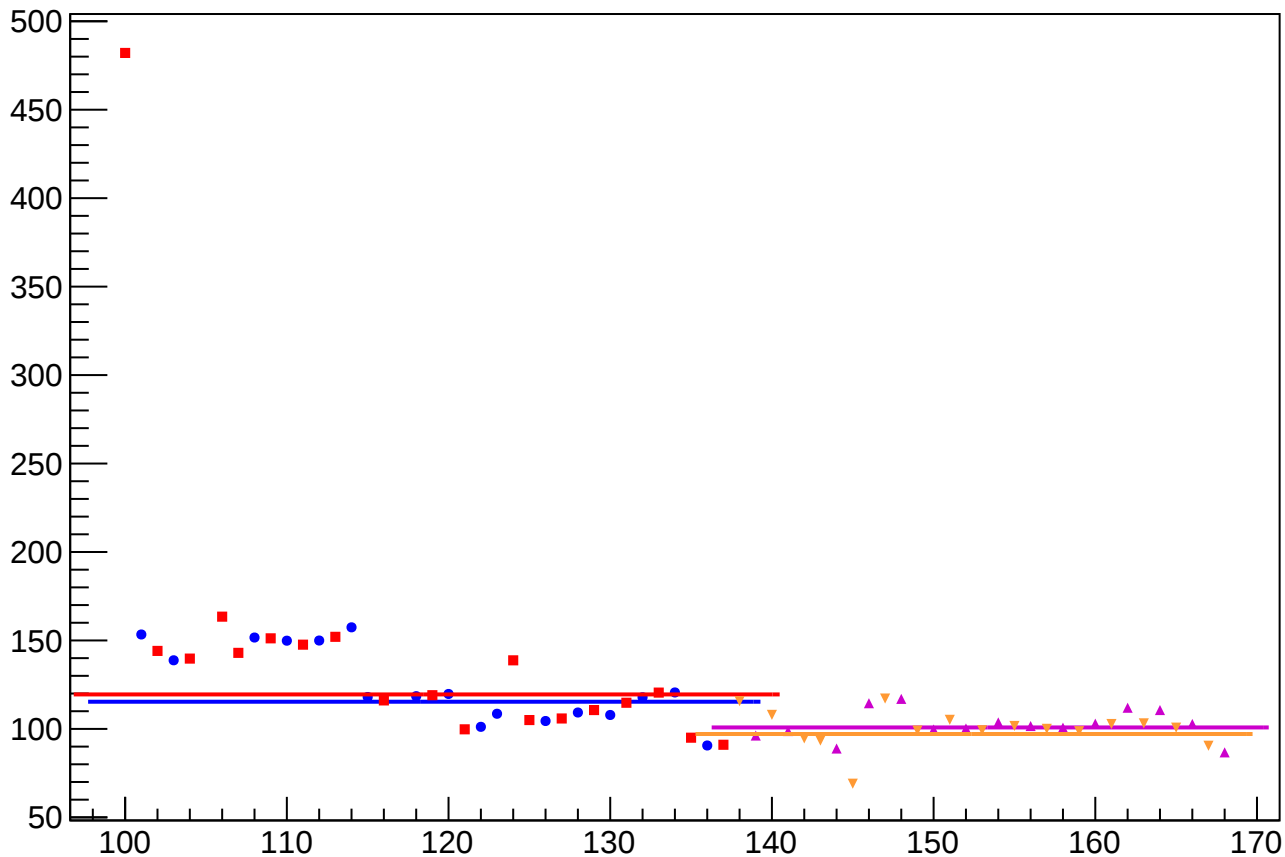
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 25.409 $\pm$ 24.777 χ^2 /NDF:28.4/31

Out: 13.993 $\pm$ 24.036 χ^2 /NDF:36.7/34

All: 19.528 $\pm$ 17.252 χ^2 /NDF: 65.2/66

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2/NDF : 411362.6/16

Left Out: 97.123 $\pm$ 0.020 χ^2/NDF : 391193.1/15

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

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

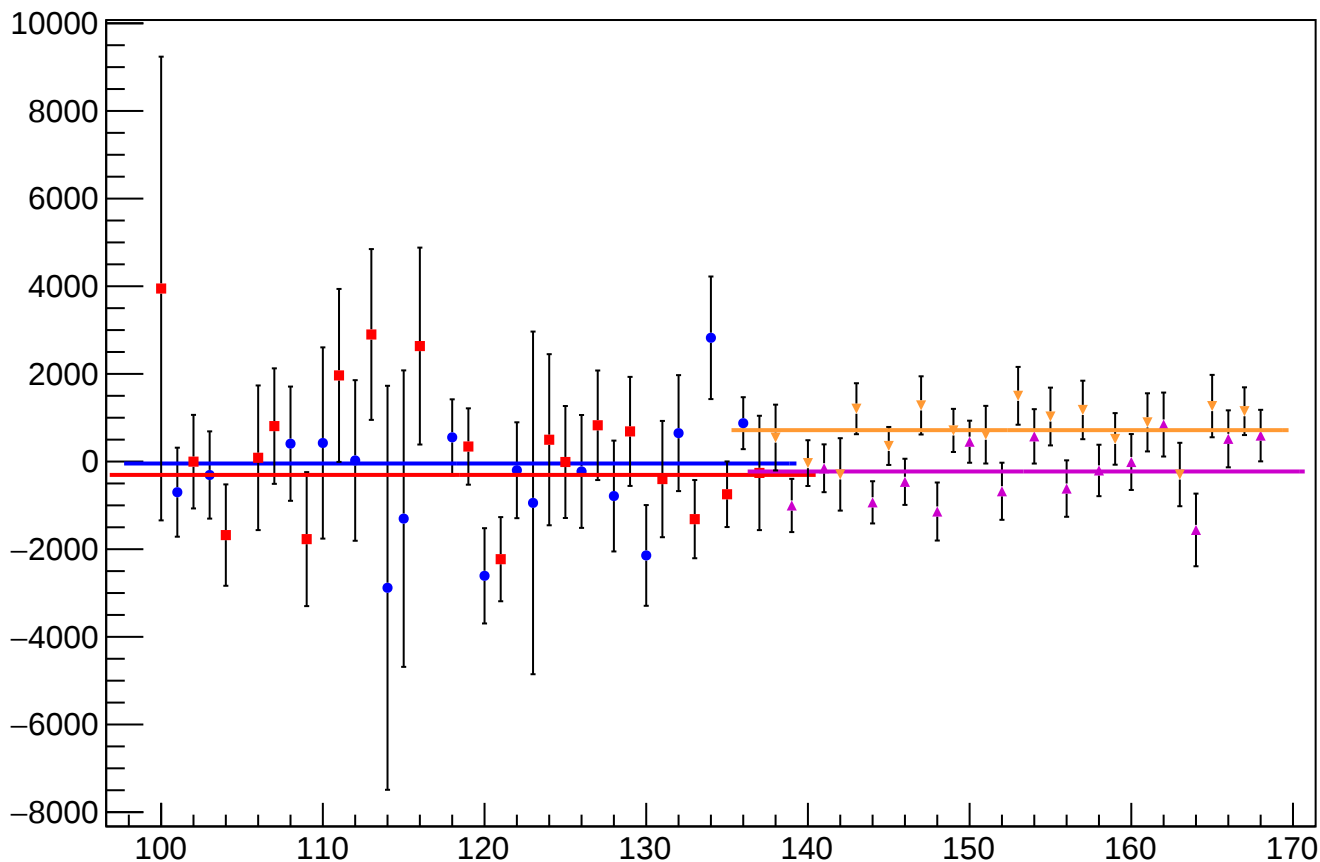
Right: 117.411 $\pm$ 0.023 χ^2/NDF : 897552.7/35

In: 105.180 $\pm$ 0.018 χ^2/NDF : 713165.9/31

Out: 103.312 $\pm$ 0.017 χ^2/NDF : 1215824.3/34

All: 104.218 $\pm$ 0.012 χ^2/NDF : 1934848.3/66

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 716.297 ± 152.230 $\chi^2/\text{NDF}: 11.2/15$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -226.706 ± 154.429 $\chi^2/\text{NDF}: 18.5/14$

Left: 251.556 ± 108.412 $\chi^2/\text{NDF}: 48.7/30$

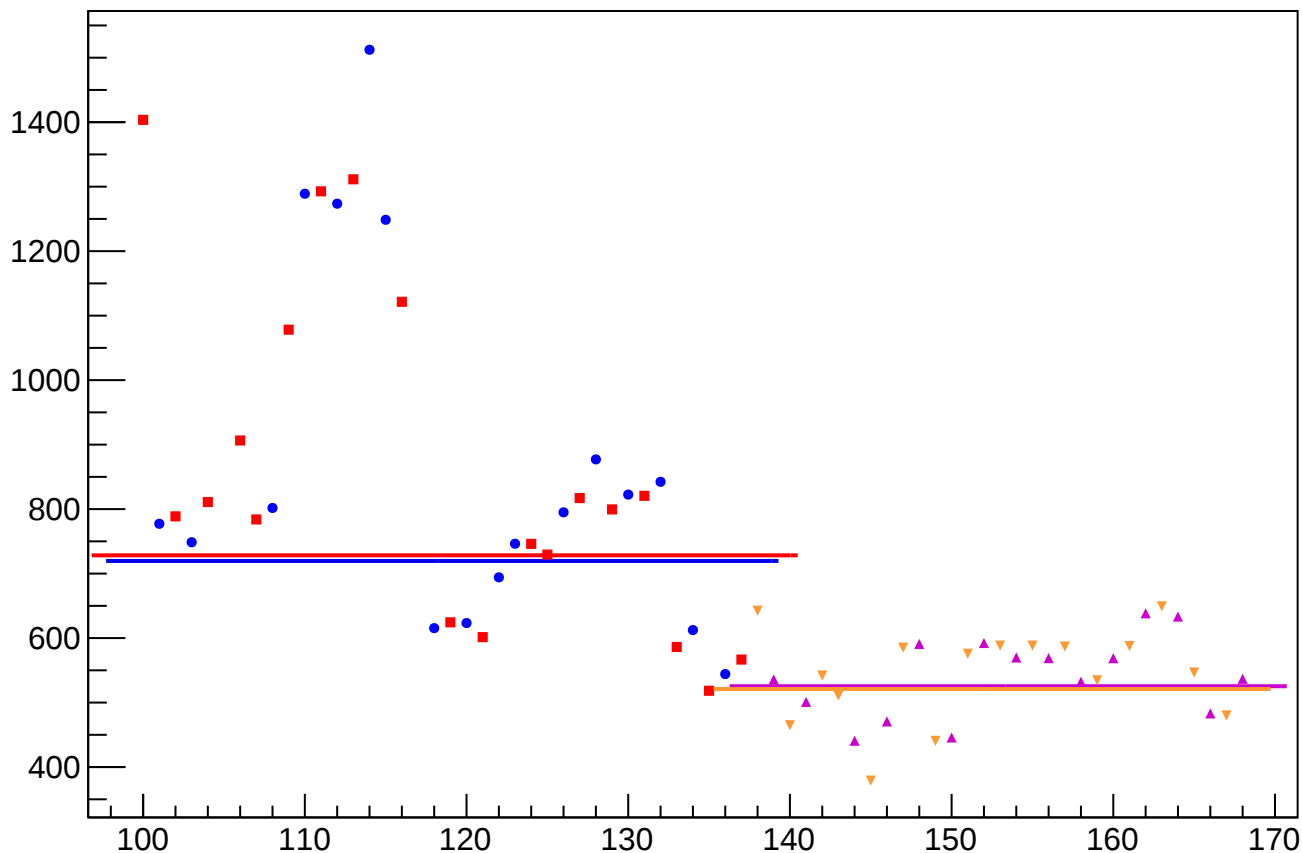
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -185.650 ± 135.915 $\chi^2/\text{NDF}: 36.7/31$

Out: 486.779 ± 134.034 $\chi^2/\text{NDF}: 38.8/34$

All: 155.251 ± 95.434 $\chi^2/\text{NDF}: 87.9/66$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 520.997 $\pm$ 0.108 χ^2 /NDF: 537173.5/15

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 525.327 $\pm$ 0.109 χ^2 /NDF: 303463.5/14

Left: 523.131 $\pm$ 0.077 χ^2 /NDF: 841434.3/30

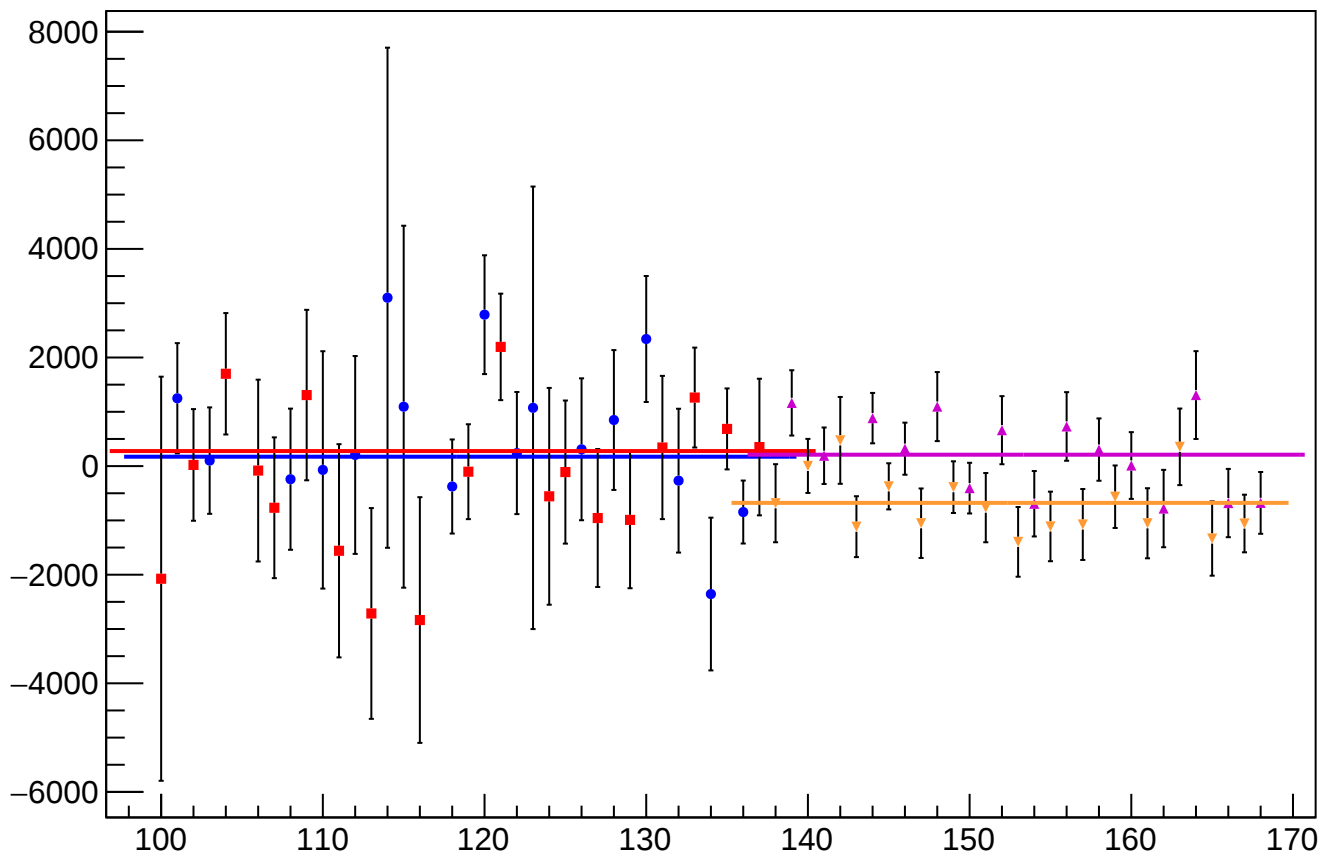
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 569.116 $\pm$ 0.096 χ^2 /NDF: 1763870.4/31

Out: 567.601 $\pm$ 0.095 χ^2 /NDF: 2284751.6/34

All: 568.348 $\pm$ 0.067 χ^2 /NDF: 4048747.9/66

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -676.940 $\pm$ 147.613 χ^2 /NDF:11.8/15

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 210.037 $\pm$ 148.865 χ^2 /NDF:20.2/14

Left: -237.198 $\pm$ 104.818 χ^2 /NDF: 49.9/30

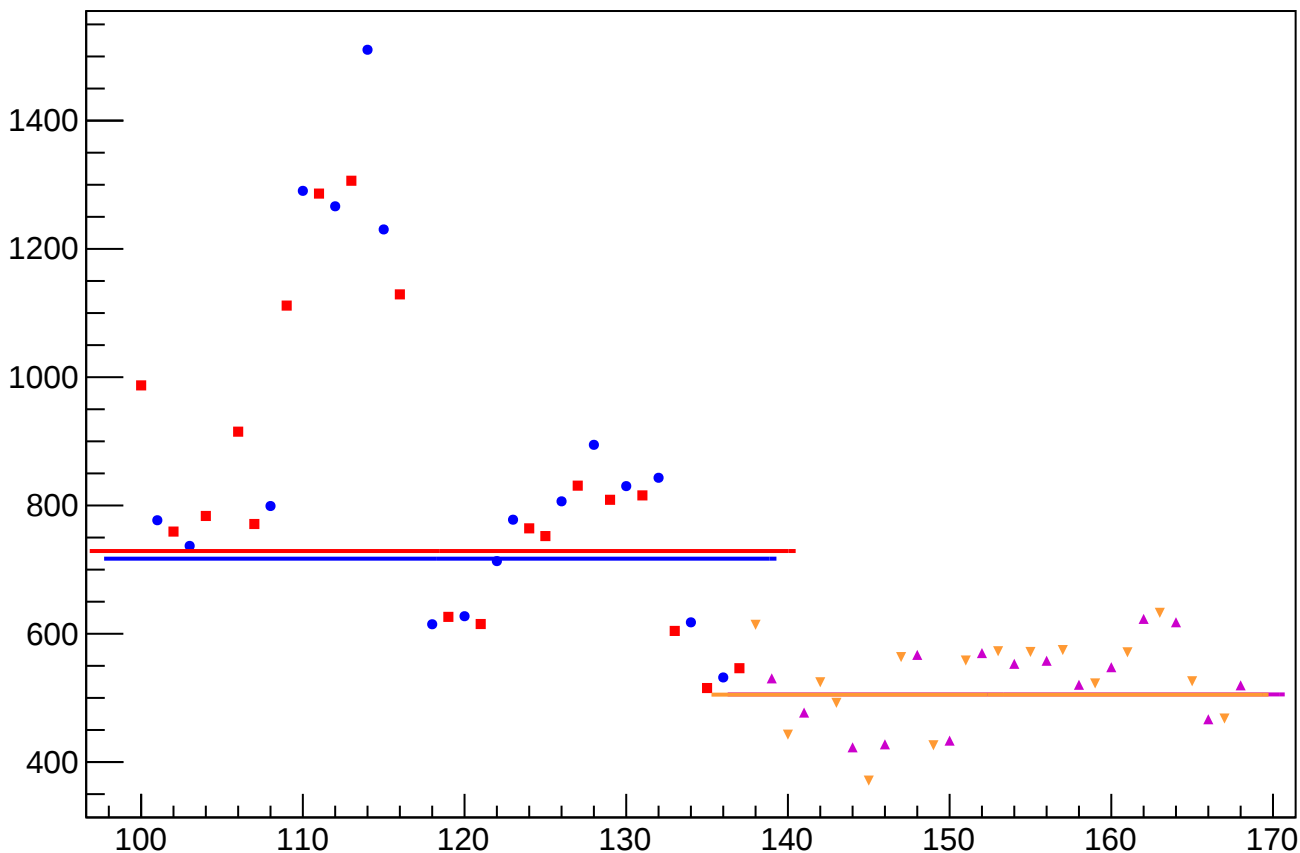
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 202.166 $\pm$ 132.016 χ^2 /NDF:38.3/31

Out: -472.572 $\pm$ 130.851 χ^2 /NDF:36.8/34

All: -138.191 $\pm$ 92.935 χ^2 /NDF: 88.3/66

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 505.098+/-0.104 χ^2/NDF : 530426.0/15

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 505.444+/-0.105 χ^2/NDF : 352199.2/14

Left: 505.270+/-0.074 χ^2/NDF : 882630.6/30

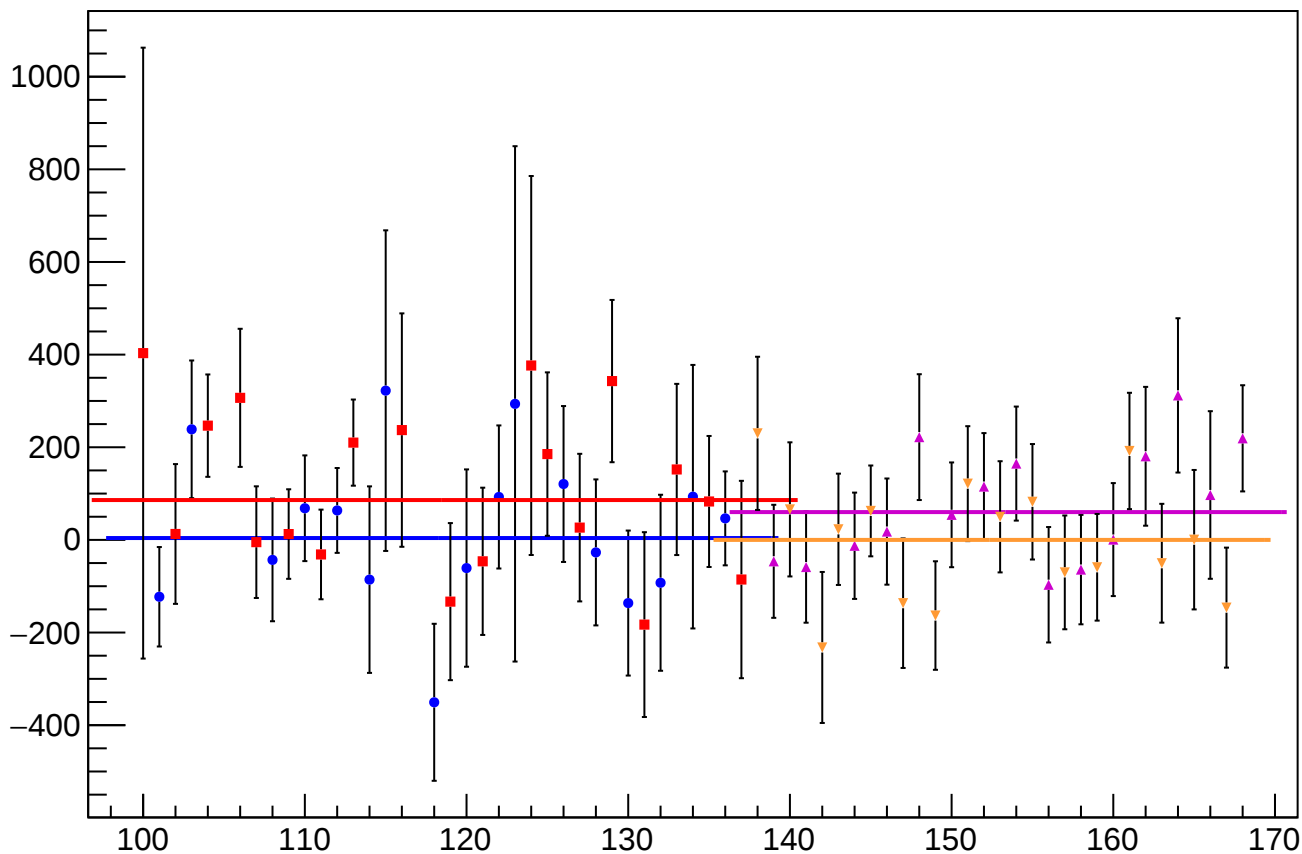
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 550.641+/-0.093 χ^2/NDF : 1997925.3/31

Out: 553.056+/-0.093 χ^2/NDF : 2406712.3/34

All: 551.859+/-0.066 χ^2/NDF : 4404975.2/66

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: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 60.025 ± 32.403 χ^2/NDF : 12.5/14

Left: 29.460 ± 22.704 χ^2/NDF : 27.7/30

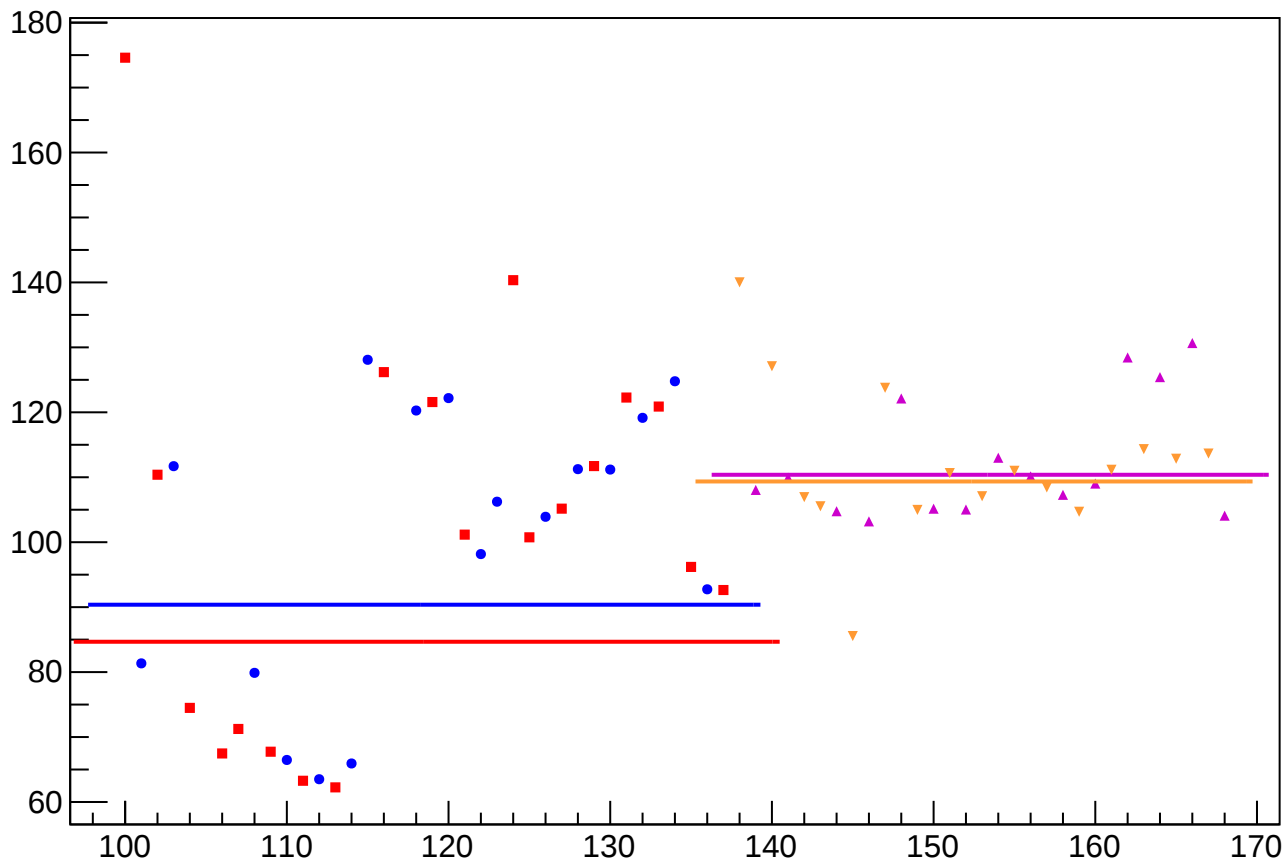
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 34.917 ± 24.069 χ^2/NDF : 26.5/31

Out: 40.958 ± 23.029 χ^2/NDF : 34.5/34

All: 38.071 ± 16.639 χ^2/NDF : 61.1/66

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: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 110.382+/-0.023 χ^2/NDF : 115949.3/14

Left: 109.858+/-0.016 χ^2/NDF : 371562.8/30

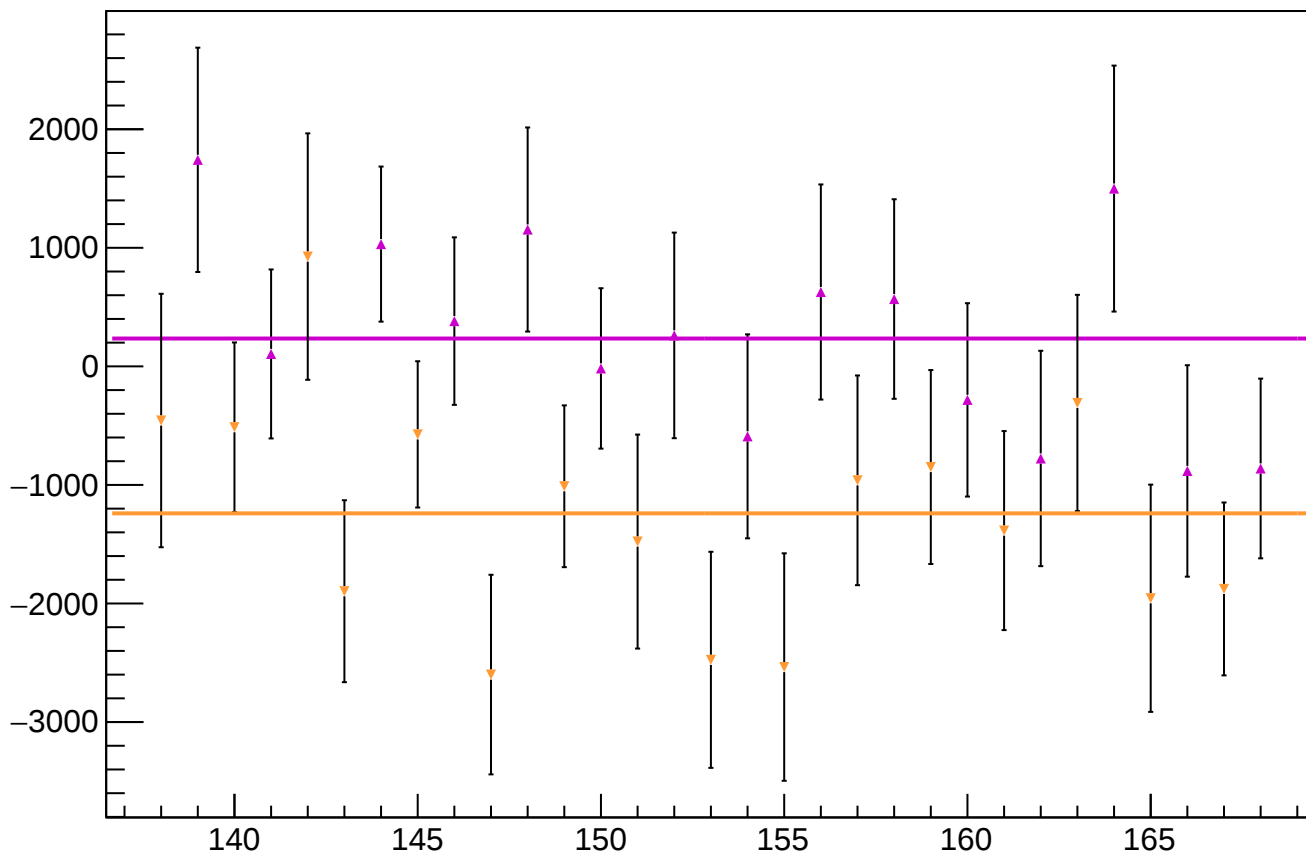
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 101.414+/-0.017 χ^2/NDF : 1111857.7/31

Out: 97.599+/-0.016 χ^2/NDF : 1735647.0/34

All: 99.422+/-0.012 χ^2/NDF : 2873740.5/66

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 $\chi^2/\text{NDF}: 55.7/30$

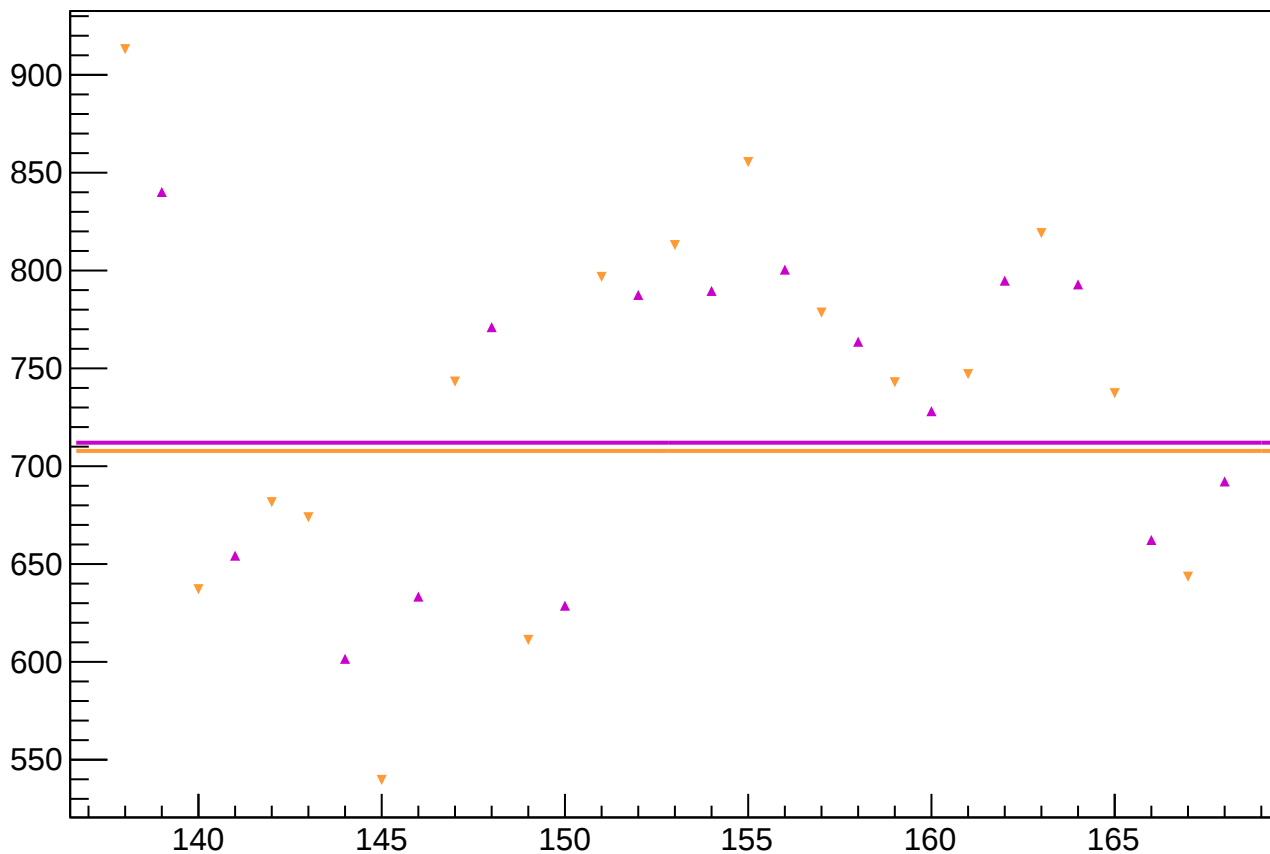
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

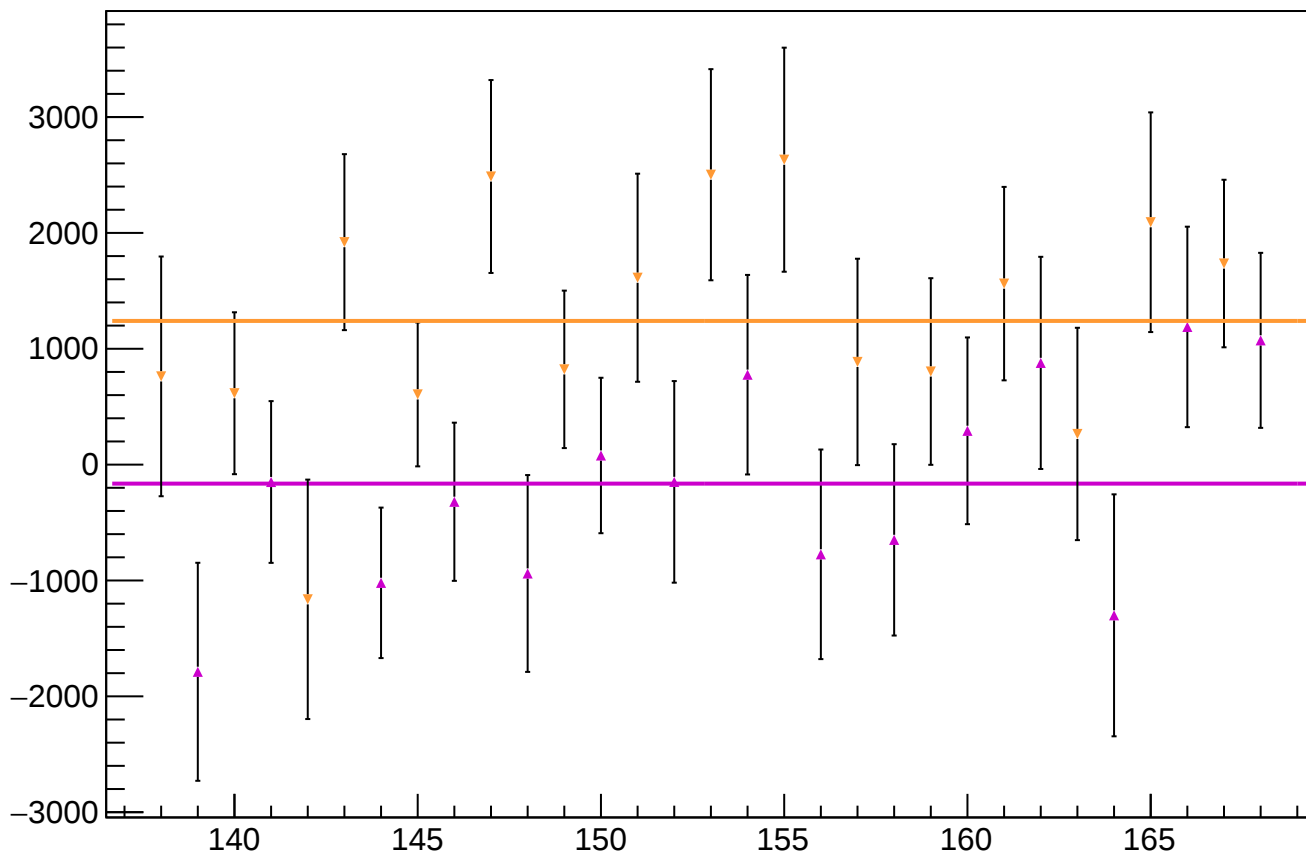
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

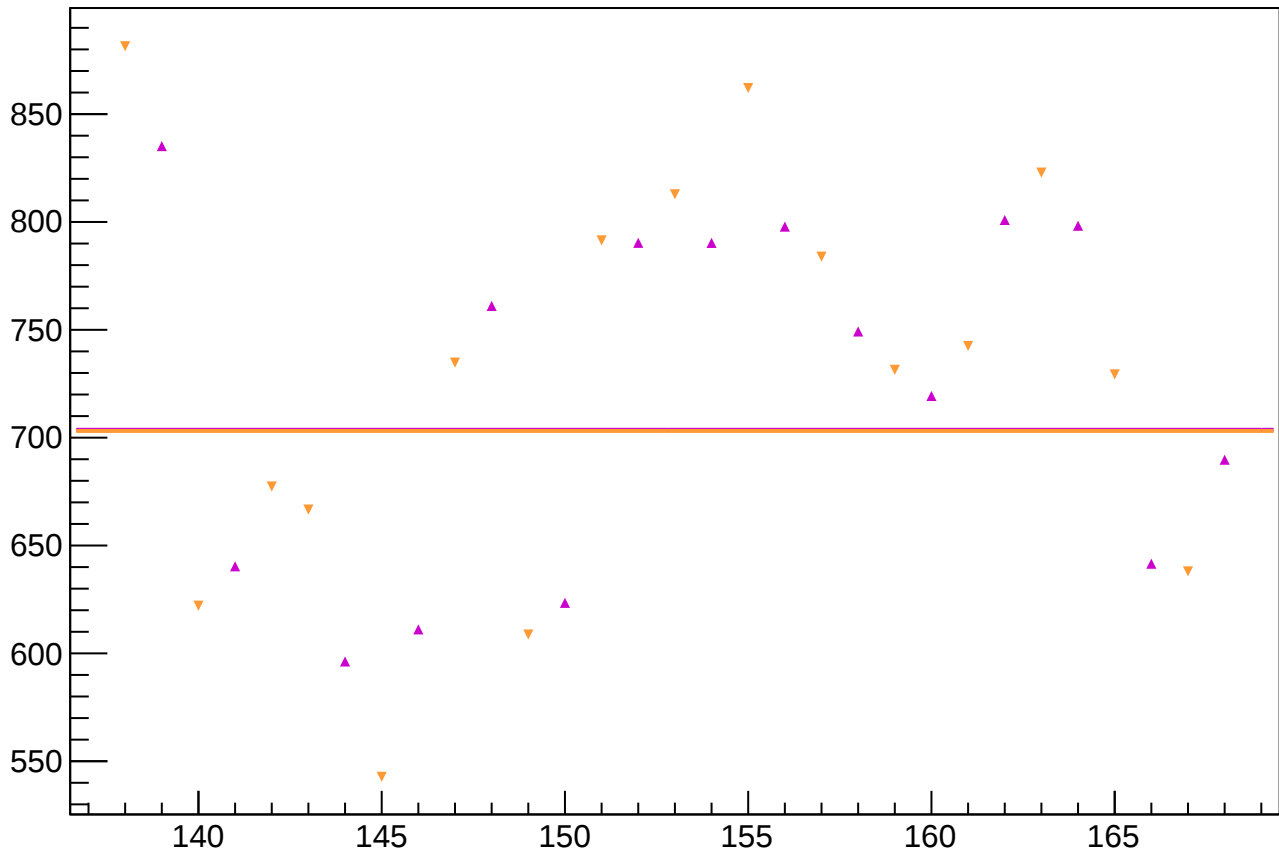
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

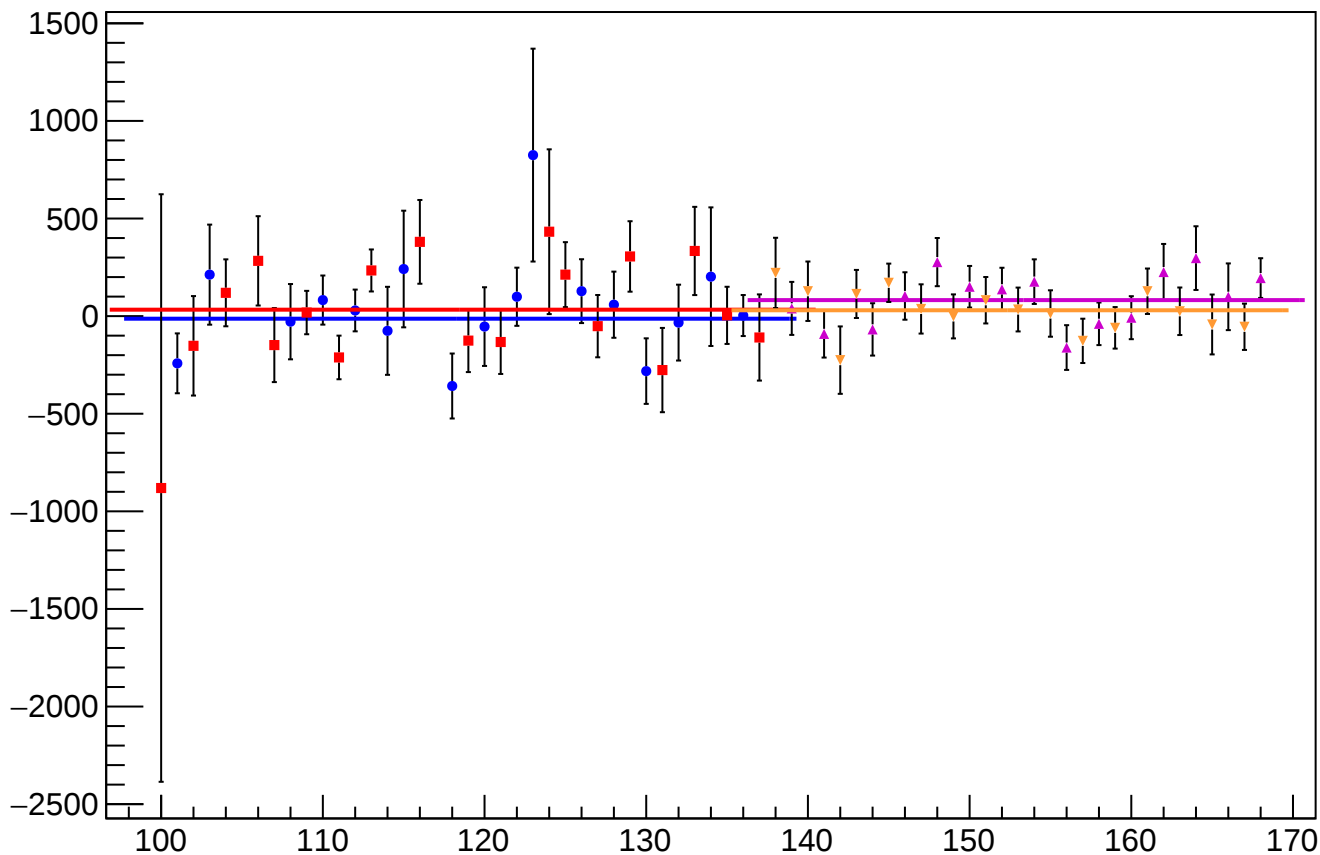
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 82.067 ± 31.352 χ^2/NDF : 17.6/14

Left: 55.494 ± 21.940 χ^2/NDF : 29.6/30

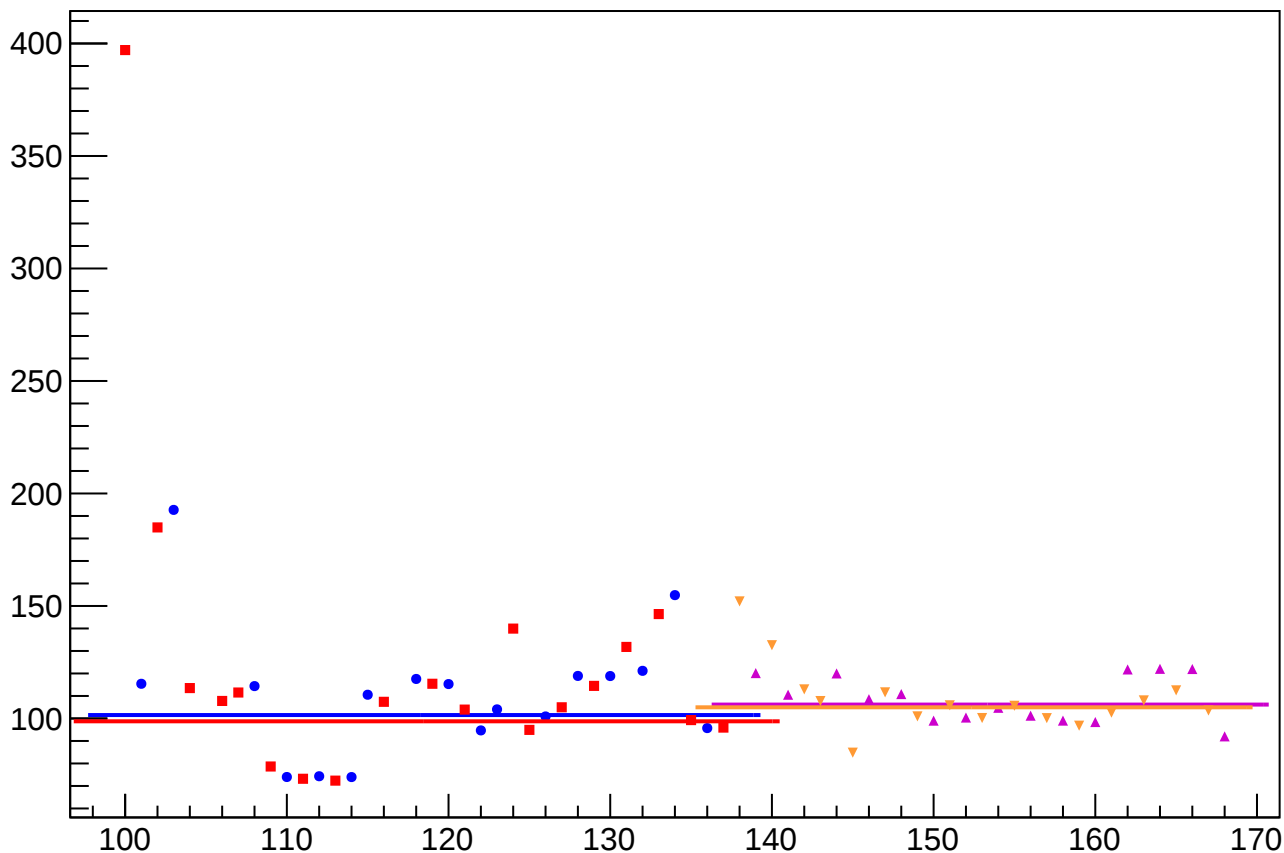
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 46.423 ± 24.804 χ^2/NDF : 36.8/31

Out: 31.158 ± 24.101 χ^2/NDF : 35.7/34

All: 38.571 ± 17.285 χ^2/NDF : 72.6/66

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 χ^2/NDF : 681713.7/16

Left Out: 104.958 ± 0.022 χ^2/NDF : 326457.5/15

Right Out: 98.736 ± 0.027 χ^2/NDF : 825631.4/18

Left In: 106.172 ± 0.022 χ^2/NDF : 183940.9/14

Left: 105.553 ± 0.016 χ^2/NDF : 511927.6/30

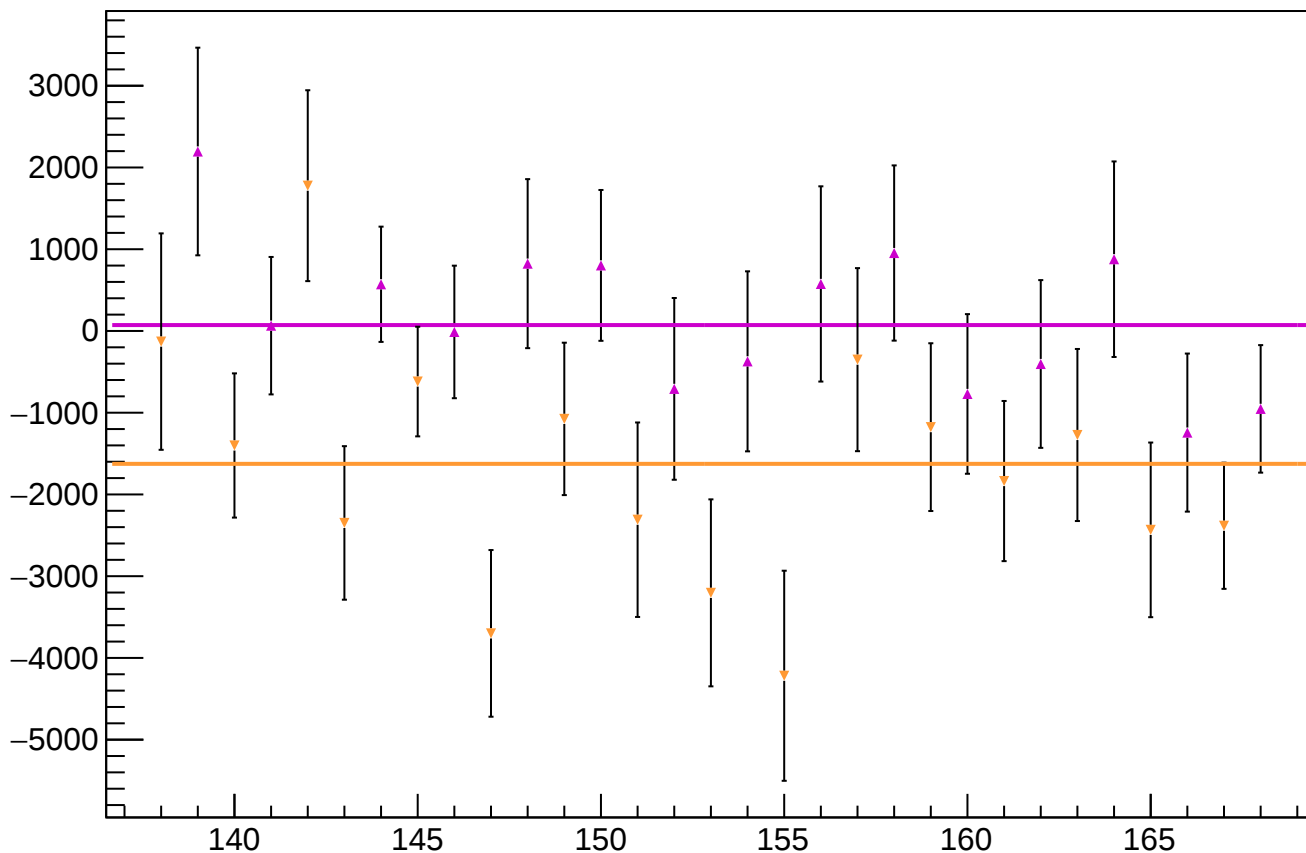
Right: 100.069 ± 0.020 χ^2/NDF : 1512254.1/35

In: 104.431 ± 0.018 χ^2/NDF : 882133.7/31

Out: 102.567 ± 0.017 χ^2/NDF : 1183634.6/34

All: 103.472 ± 0.012 χ^2/NDF : 2071579.9/66

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1625.686 ± 247.071 $\chi^2/\text{NDF}: 26.7/15$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 72.157 ± 247.738 $\chi^2/\text{NDF}: 11.0/14$

Left: -779.054 ± 174.941 $\chi^2/\text{NDF}: 61.2/30$

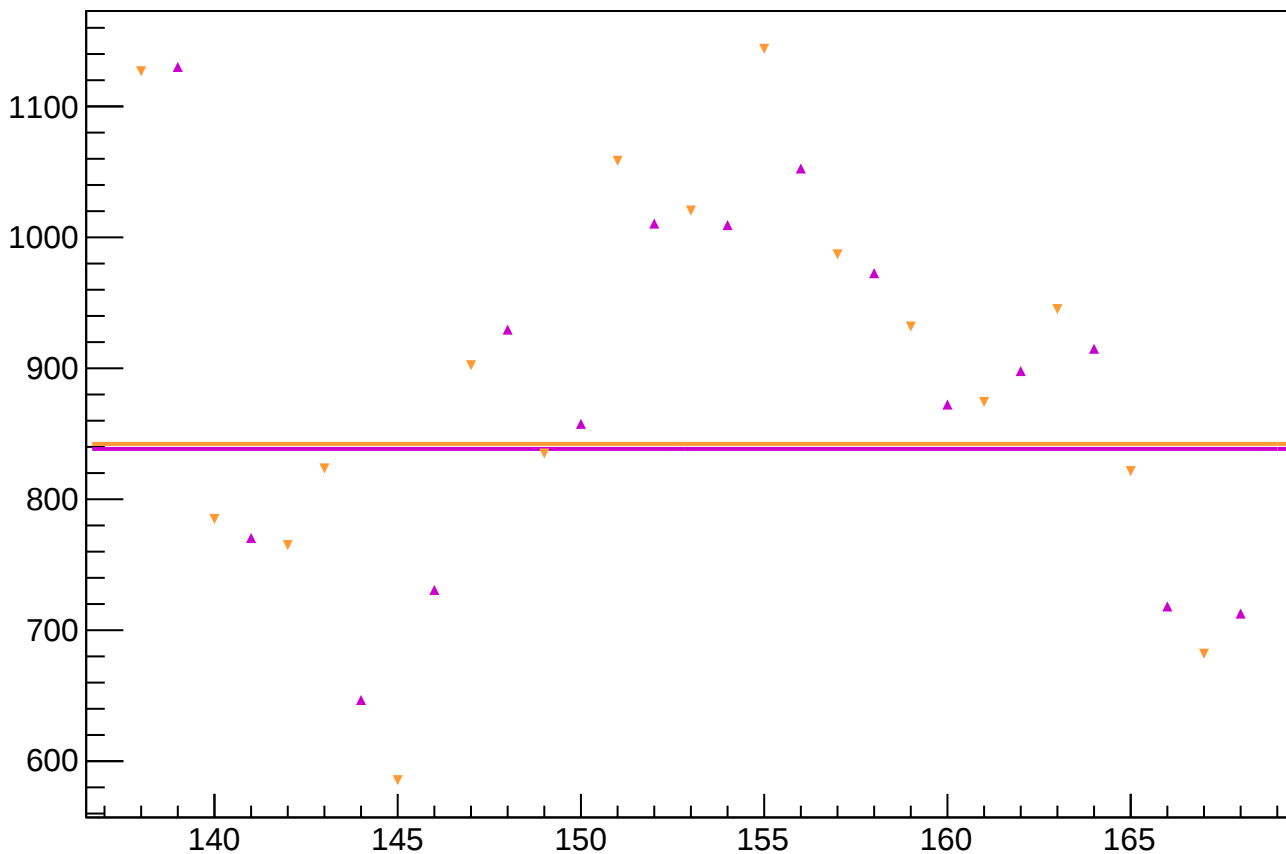
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 72.157 ± 247.738 $\chi^2/\text{NDF}: 11.0/14$

Out: -1625.686 ± 247.071 $\chi^2/\text{NDF}: 26.7/15$

All: -779.054 ± 174.941 $\chi^2/\text{NDF}: 61.2/30$

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 842.301 $\pm$ 0.175 χ^2/NDF : 792435.3/15

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 838.456 $\pm$ 0.175 χ^2/NDF : 610142.8/14

Left: 840.384 $\pm$ 0.124 χ^2/NDF : 1402819.6/30

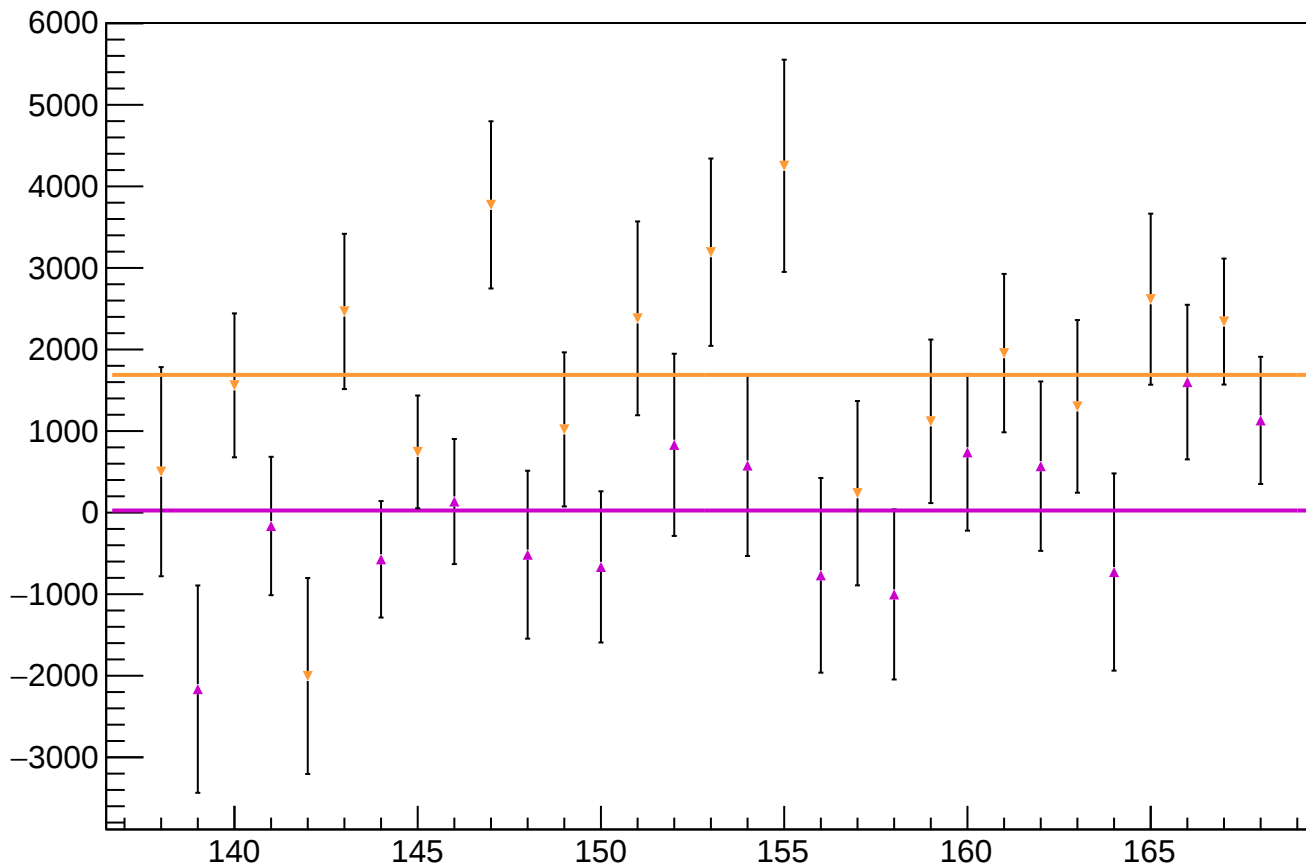
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 838.456 $\pm$ 0.175 χ^2/NDF : 610142.8/14

Out: 842.301 $\pm$ 0.175 χ^2/NDF : 792435.3/15

All: 840.384 $\pm$ 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

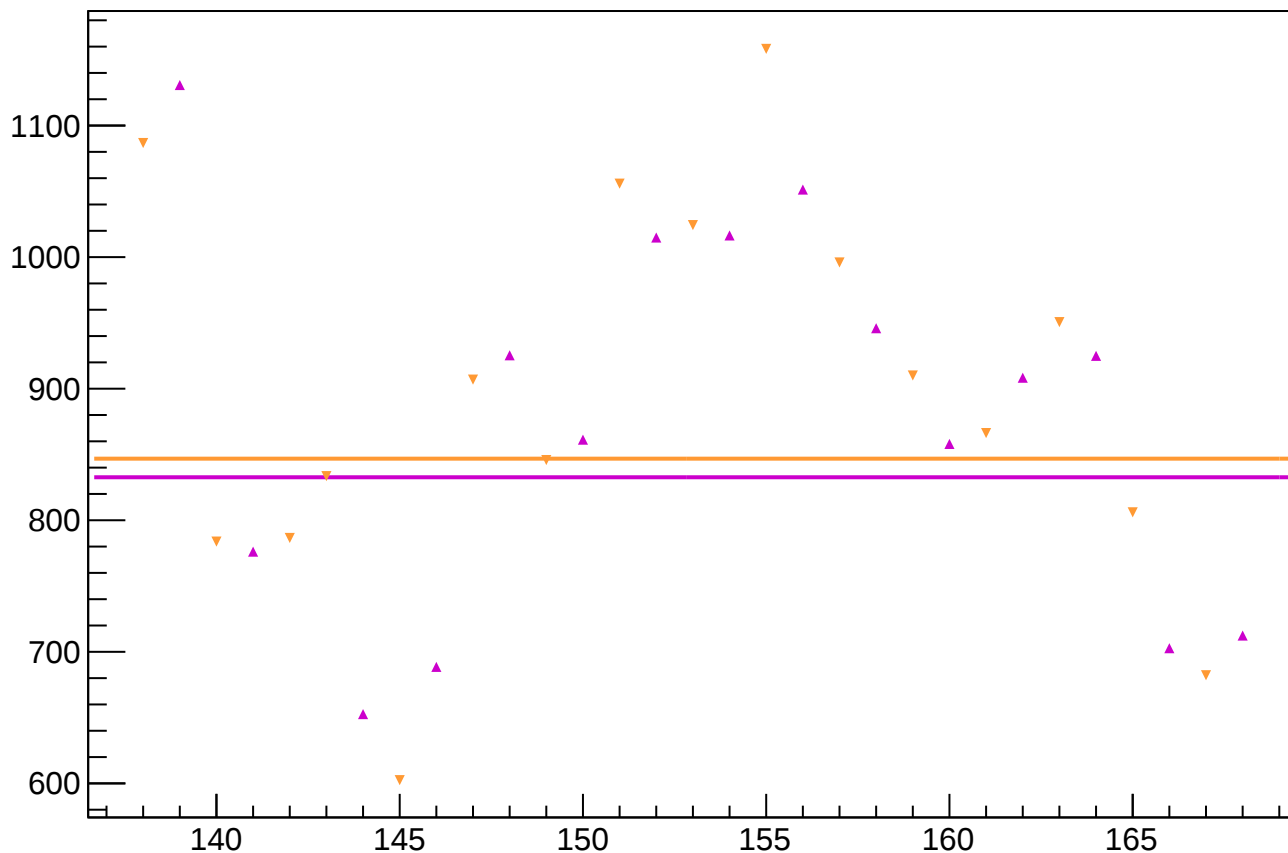
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

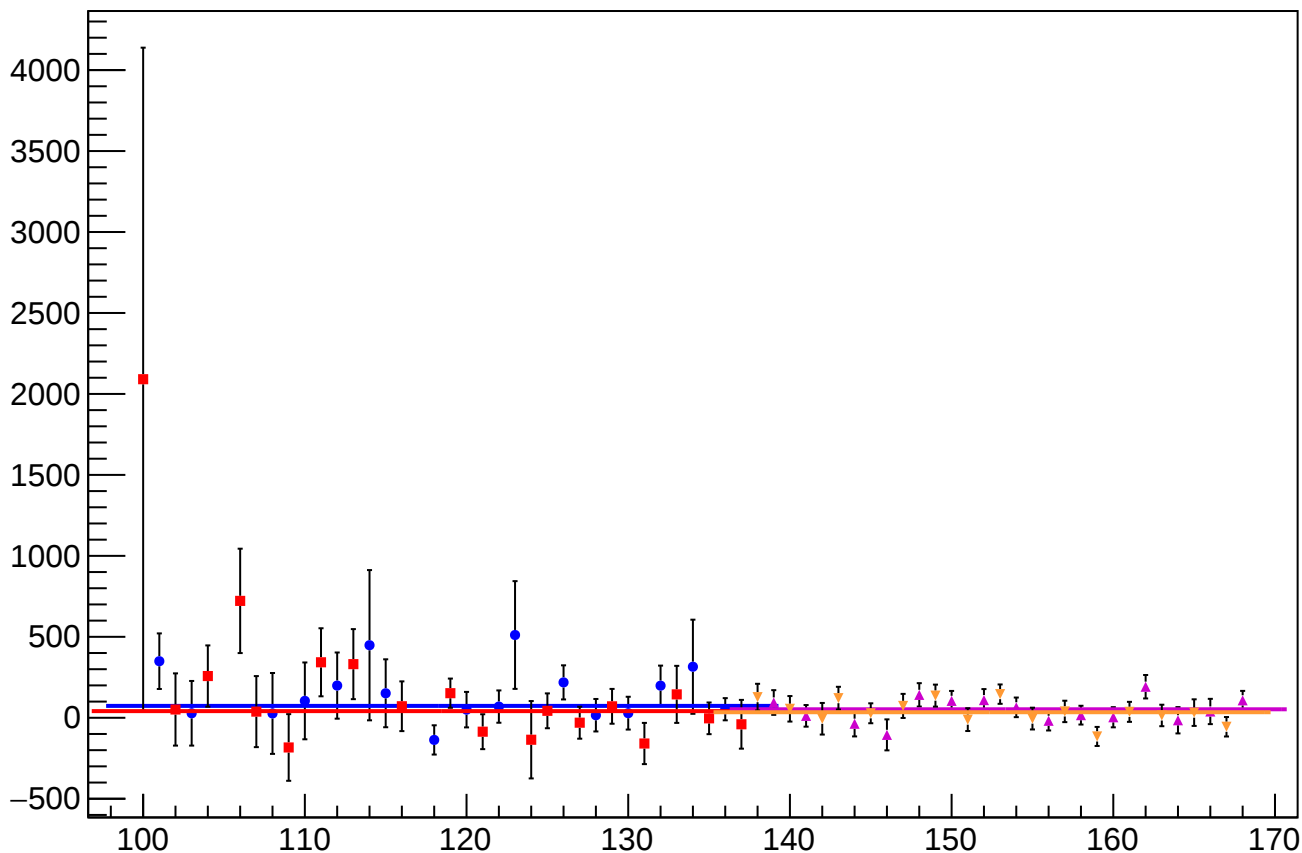
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

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

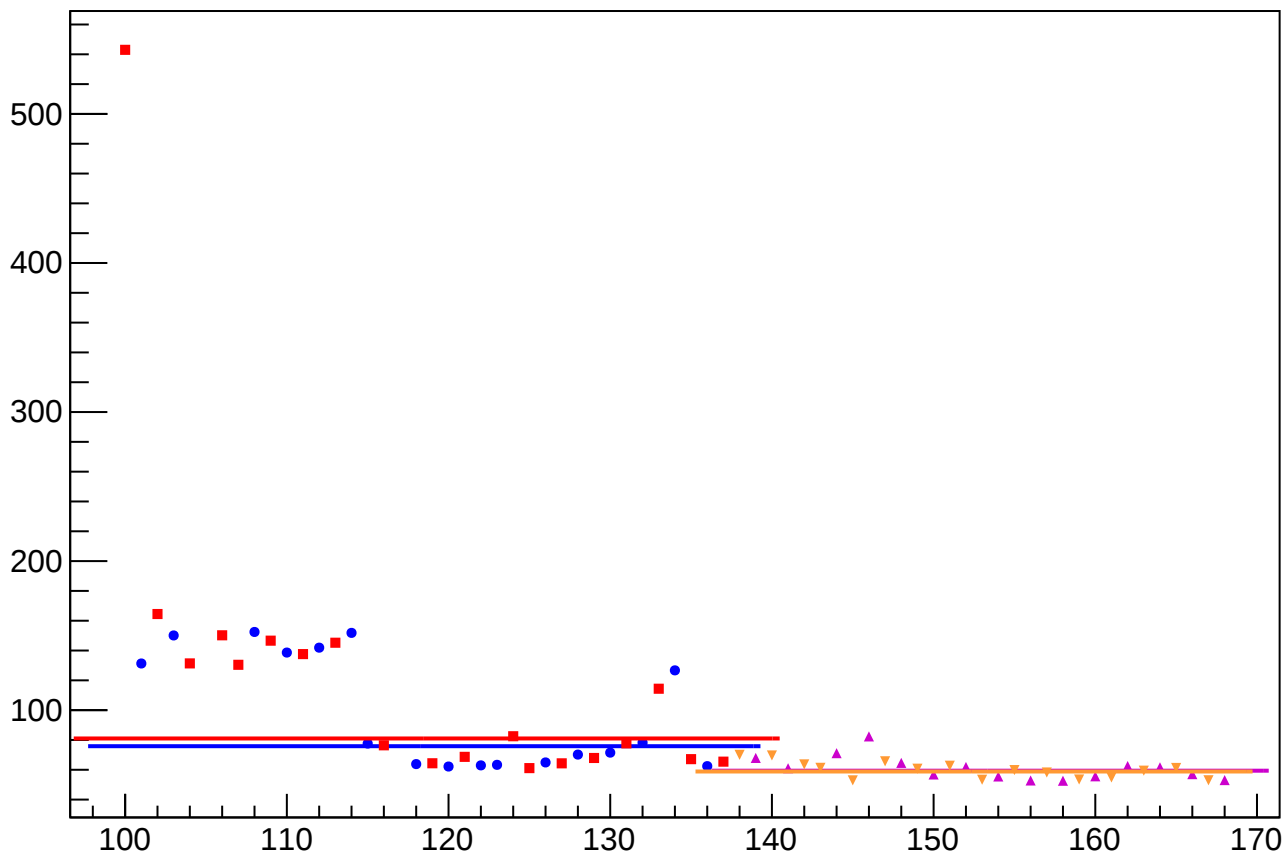
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 57.520 $\pm$ 15.277 χ^2 /NDF:31.0/31

Out: 35.831 $\pm$ 15.172 χ^2 /NDF:37.9/34

All: 46.600 $\pm$ 10.765 χ^2 /NDF: 69.9/66

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2/NDF : 1349961.8/16

Left Out: 58.846+/-0.012 χ^2/NDF :188137.8/15

Right Out: 80.999+/-0.023 χ^2/NDF : 1627899.8/18

Left In: 59.384+/-0.012 χ^2/NDF :300618.5/14

Left: 59.108+/-0.009 χ^2/NDF : 489719.2/30

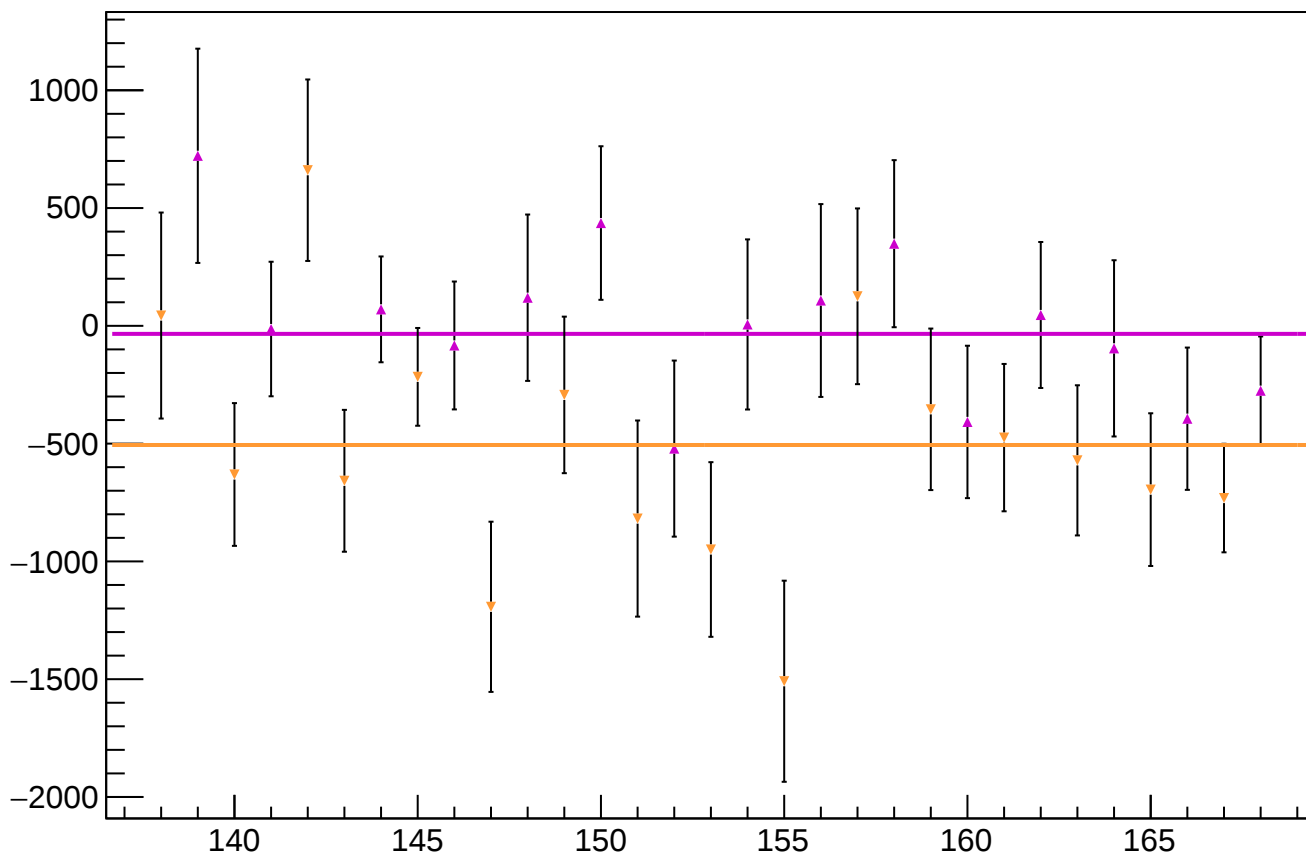
Right: 78.273+/-0.016 χ^2/NDF : 3004207.0/35

In: 63.360+/-0.011 χ^2/NDF :2075133.0/31

Out: 63.603+/-0.011 χ^2/NDF :2535112.1/34

All: 63.482+/-0.008 χ^2/NDF : 4610499.7/66

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

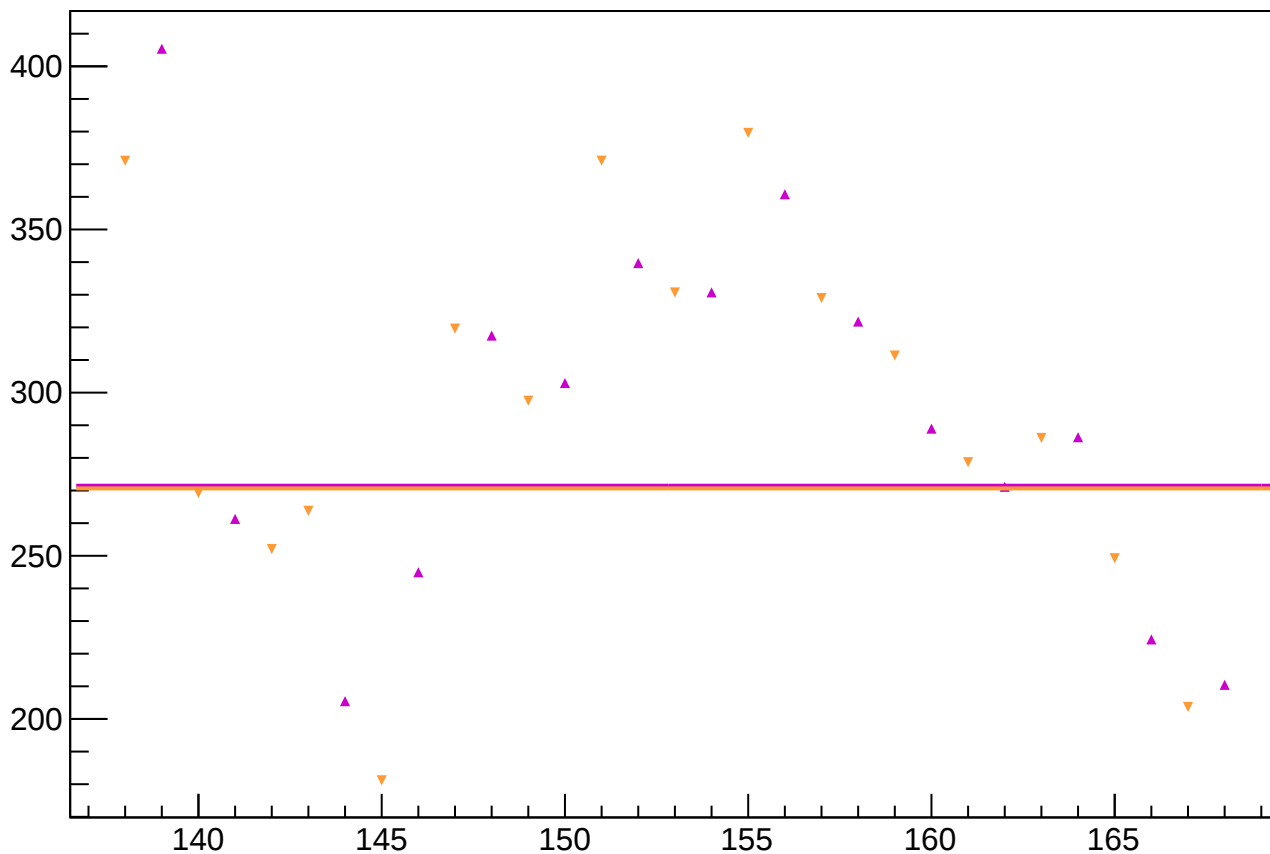
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

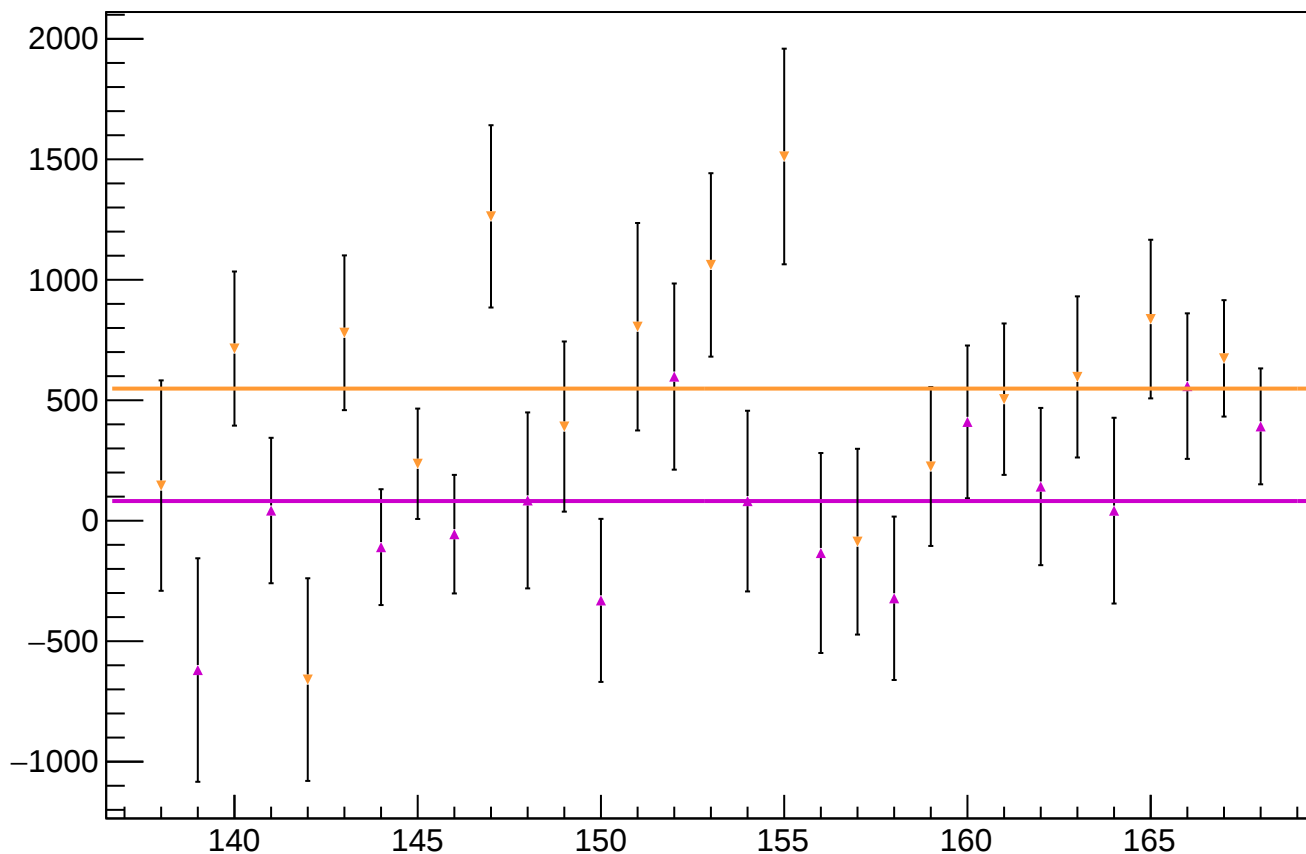
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

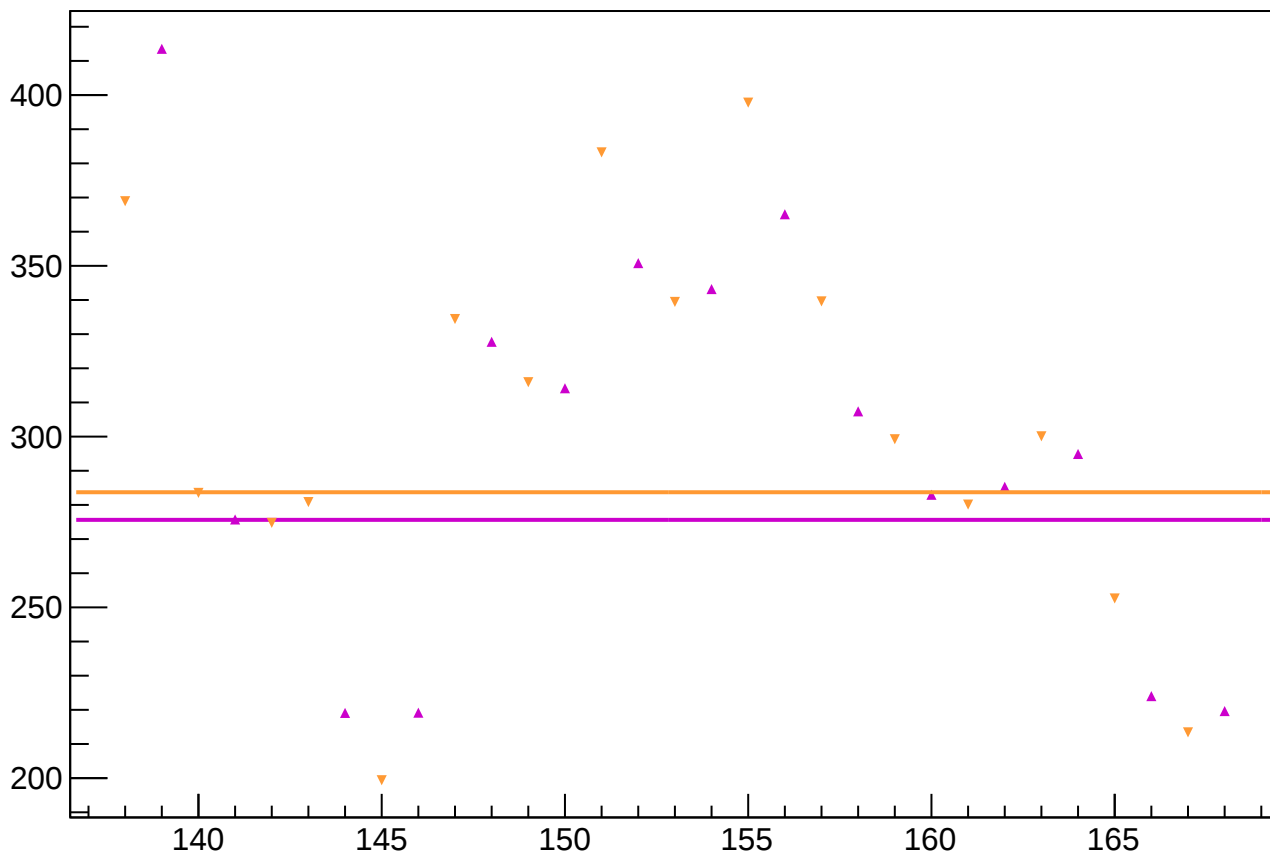
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

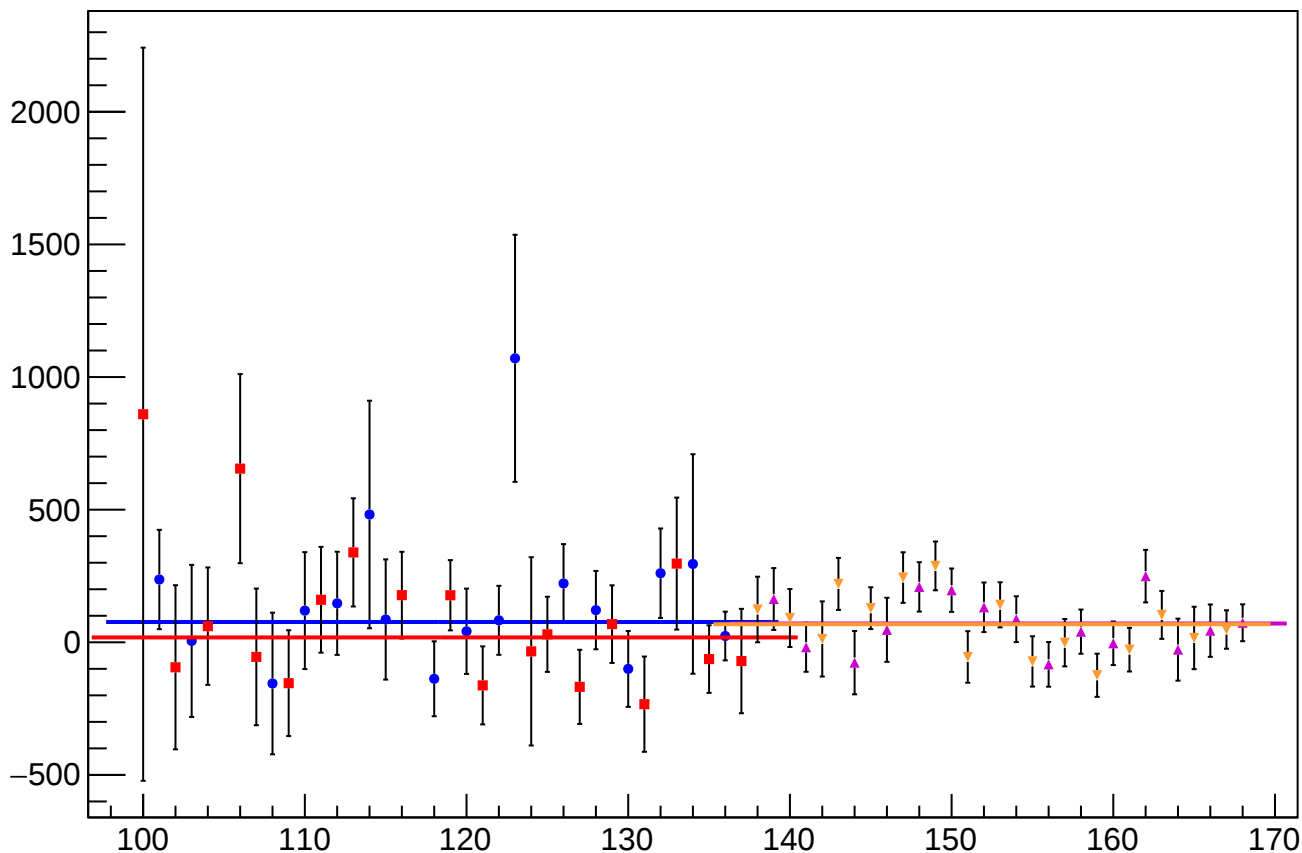
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-41.558 χ^2/NDF : 13.9/16

Left Out: 68.150+/-23.203 χ^2/NDF :25.1/15

Right Out: 18.393+/-42.277 χ^2/NDF : 17.2/18

Left In: 70.804+/-23.838 χ^2/NDF :16.5/14

Left: 69.441+/-16.627 χ^2/NDF : 41.5/30

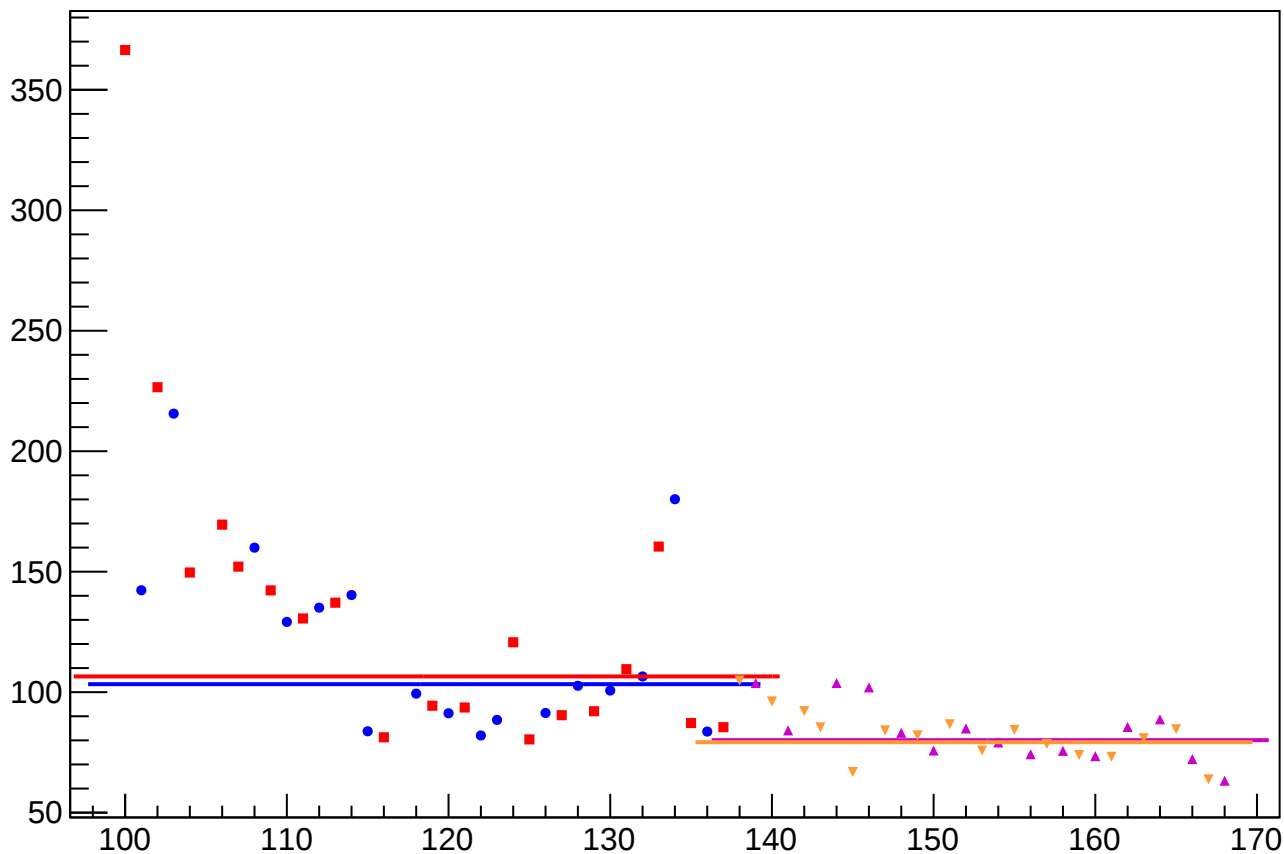
Right: 47.947+/-29.637 χ^2/NDF : 32.0/35

In: 72.215+/-20.678 χ^2/NDF :30.4/31

Out: 56.632+/-20.341 χ^2/NDF :43.3/34

All: 64.296+/-14.501 χ^2/NDF : 74.0/66

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2/NDF : 837801.7/16

Left Out: 79.224 $\pm$ 0.016 χ^2/NDF : 350309.6/15

Right Out: 106.532 $\pm$ 0.030 χ^2/NDF : 1071553.9/18

Left In: 80.083 $\pm$ 0.017 χ^2/NDF : 419566.9/14

Left: 79.642 $\pm$ 0.012 χ^2/NDF : 771209.2/30

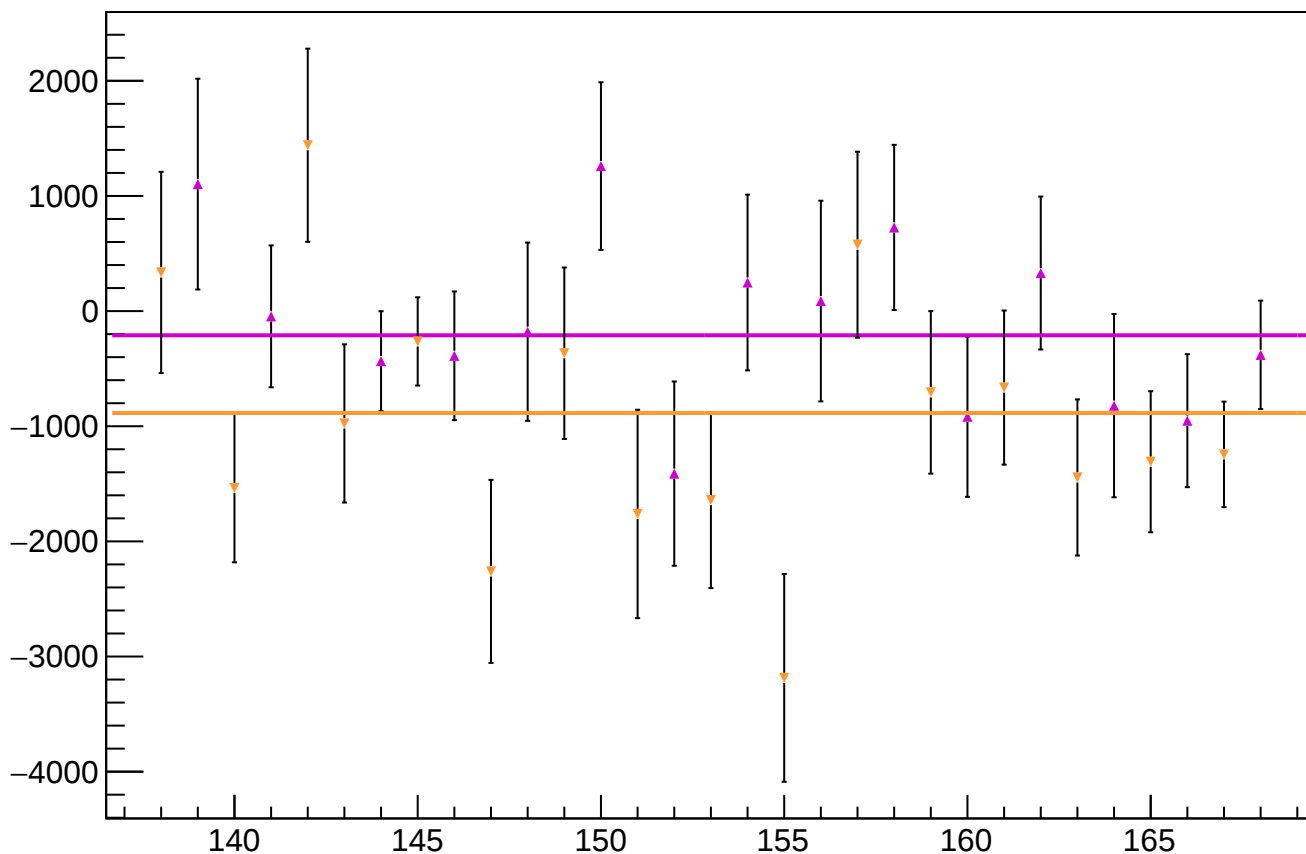
Right: 104.897 $\pm$ 0.021 χ^2/NDF : 1915236.3/35

In: 85.835 $\pm$ 0.015 χ^2/NDF : 1727767.4/31

Out: 85.546 $\pm$ 0.014 χ^2/NDF : 2063132.9/34

All: 85.688 $\pm$ 0.010 χ^2/NDF : 3791099.5/66

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

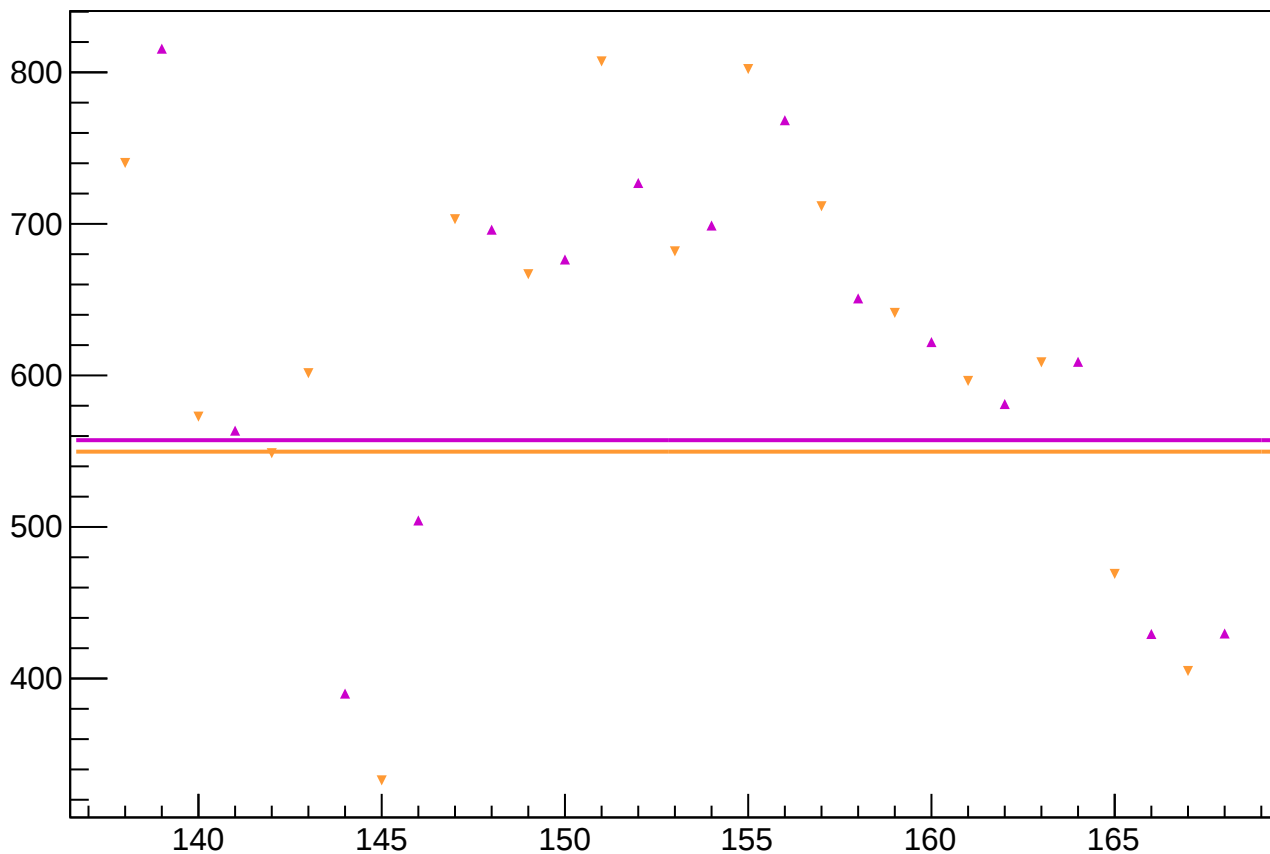
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

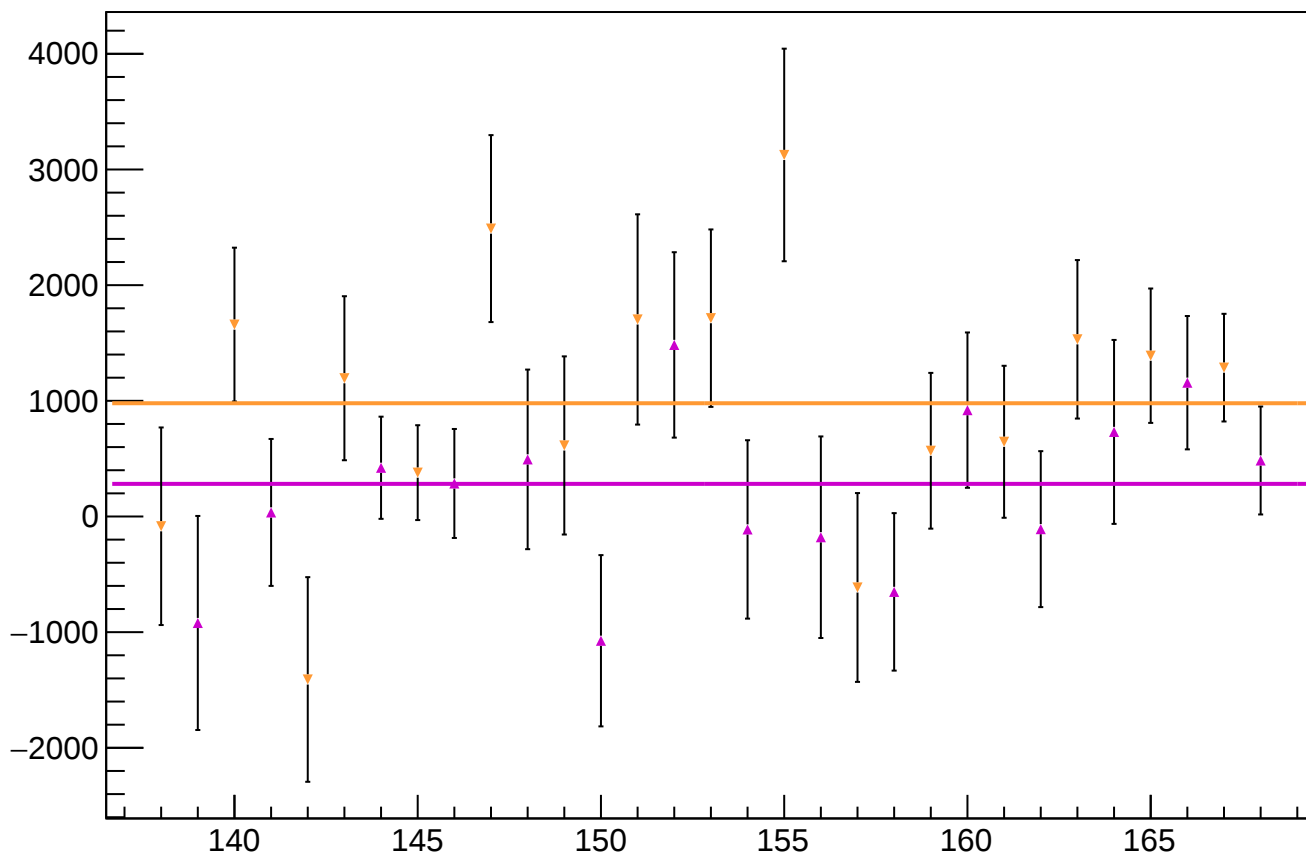
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

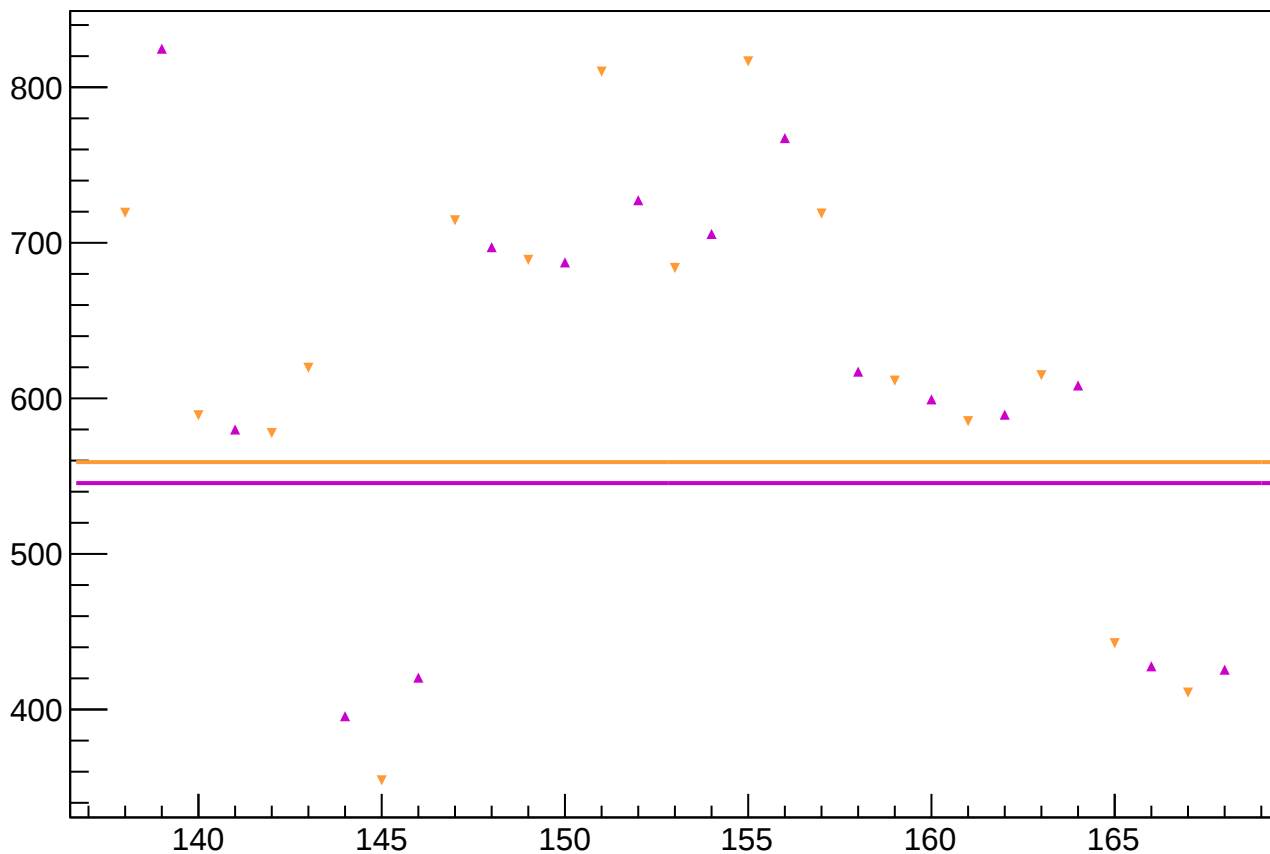
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

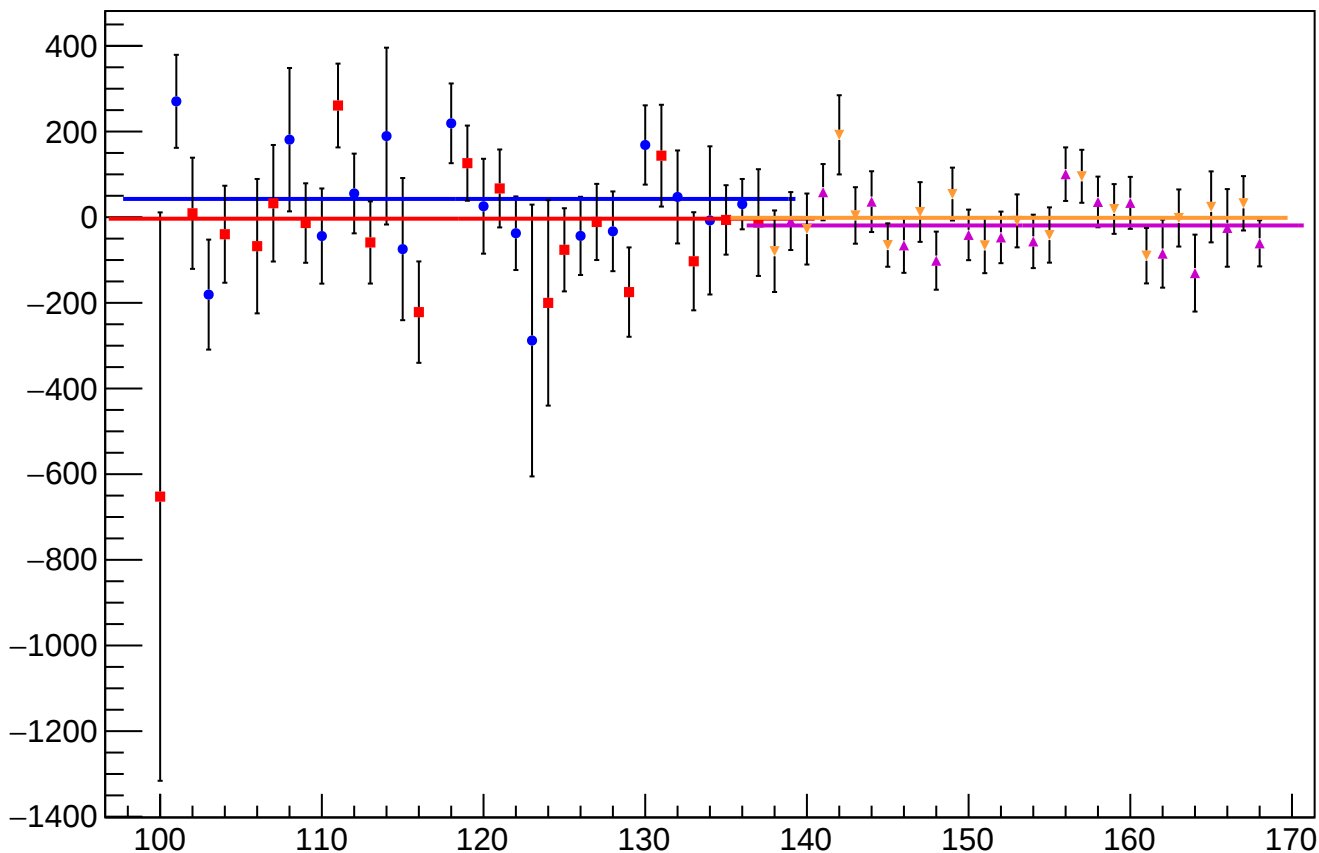
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 25.486 $\chi^2/\text{NDF}: 18.9/16$

Left Out: -1.502 ± 16.635 $\chi^2/\text{NDF}: 13.8/15$

Right Out: -3.503 ± 25.070 $\chi^2/\text{NDF}: 21.4/18$

Left In: -19.294 ± 16.925 $\chi^2/\text{NDF}: 12.8/14$

Left: -10.244 ± 11.864 $\chi^2/\text{NDF}: 27.2/30$

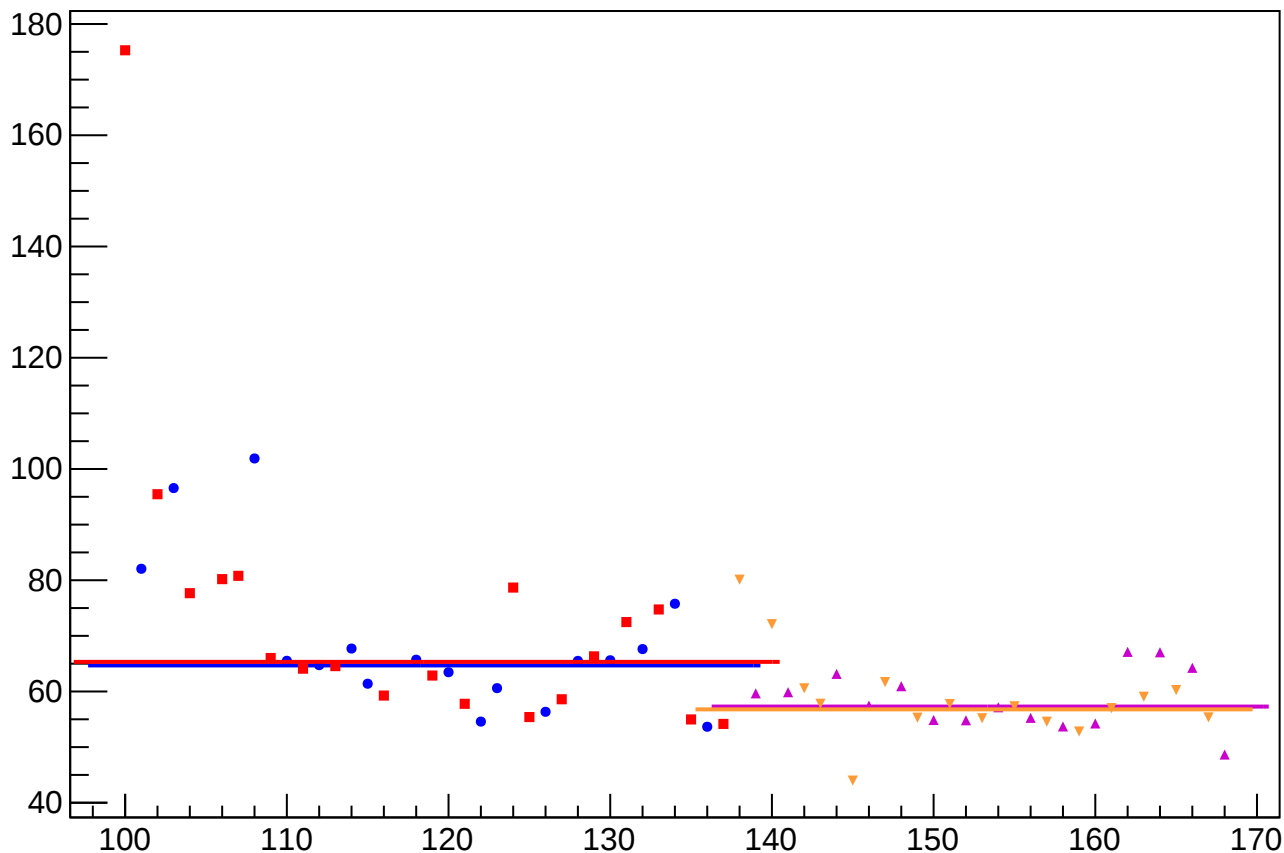
Right: 19.196 ± 17.872 $\chi^2/\text{NDF}: 41.9/35$

In: -0.334 ± 14.099 $\chi^2/\text{NDF}: 35.8/31$

Out: -2.114 ± 13.861 $\chi^2/\text{NDF}: 35.2/34$

All: -1.239 ± 9.884 $\chi^2/\text{NDF}: 71.0/66$

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.787 $\pm$ 0.012 χ^2 /NDF: 351489.4/15

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

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

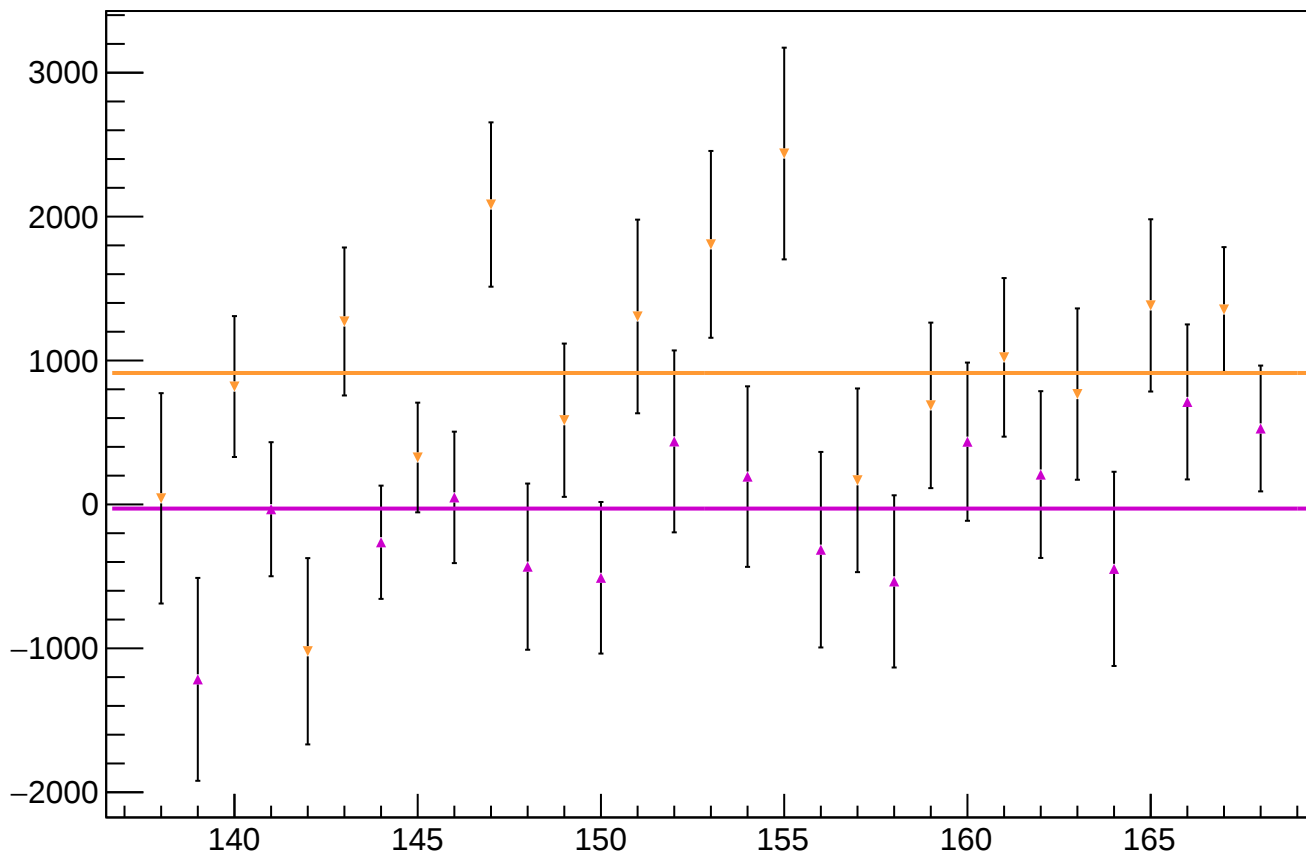
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 59.552 $\pm$ 0.010 χ^2 /NDF: 680691.0/31

Out: 59.396 $\pm$ 0.010 χ^2 /NDF: 872119.0/34

All: 59.473 $\pm$ 0.007 χ^2 /NDF: 1552933.5/66

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

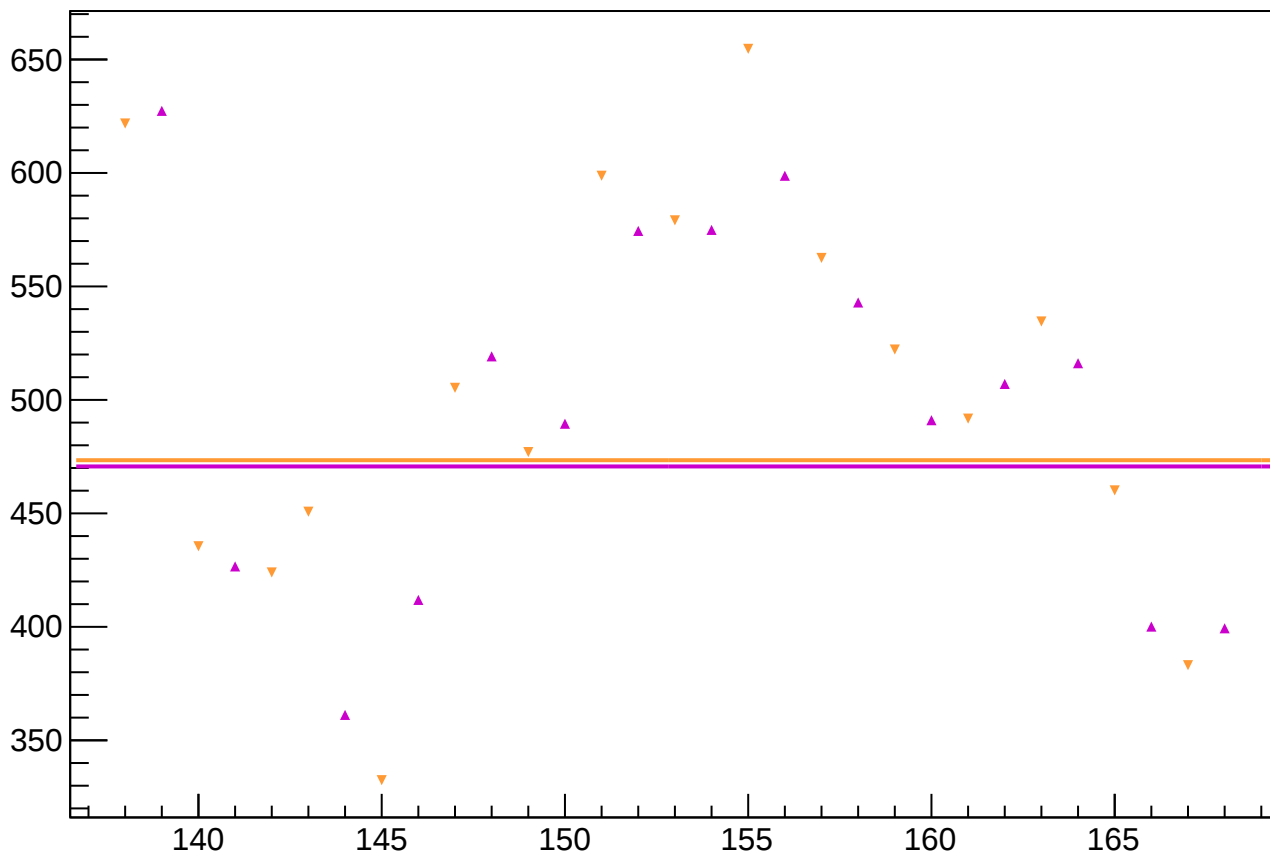
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

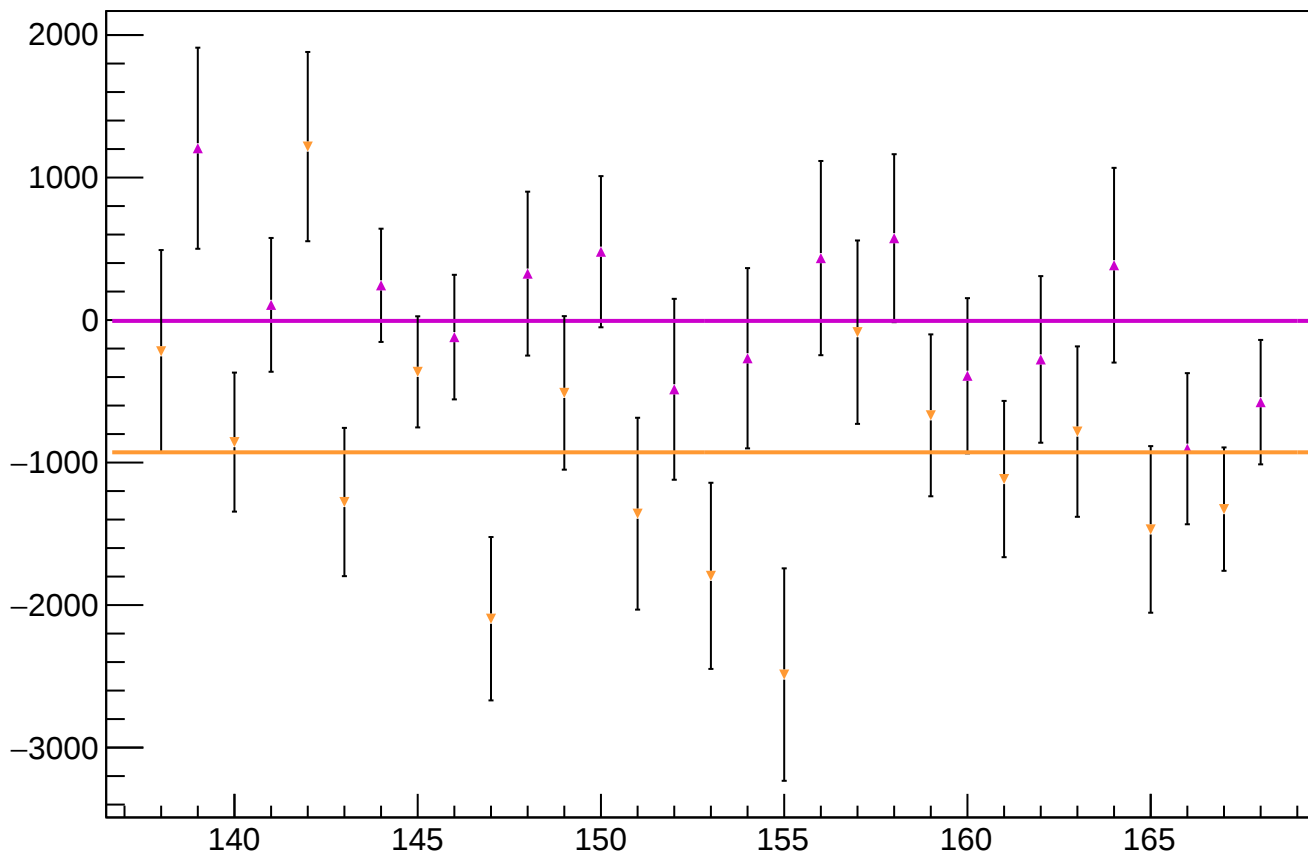
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

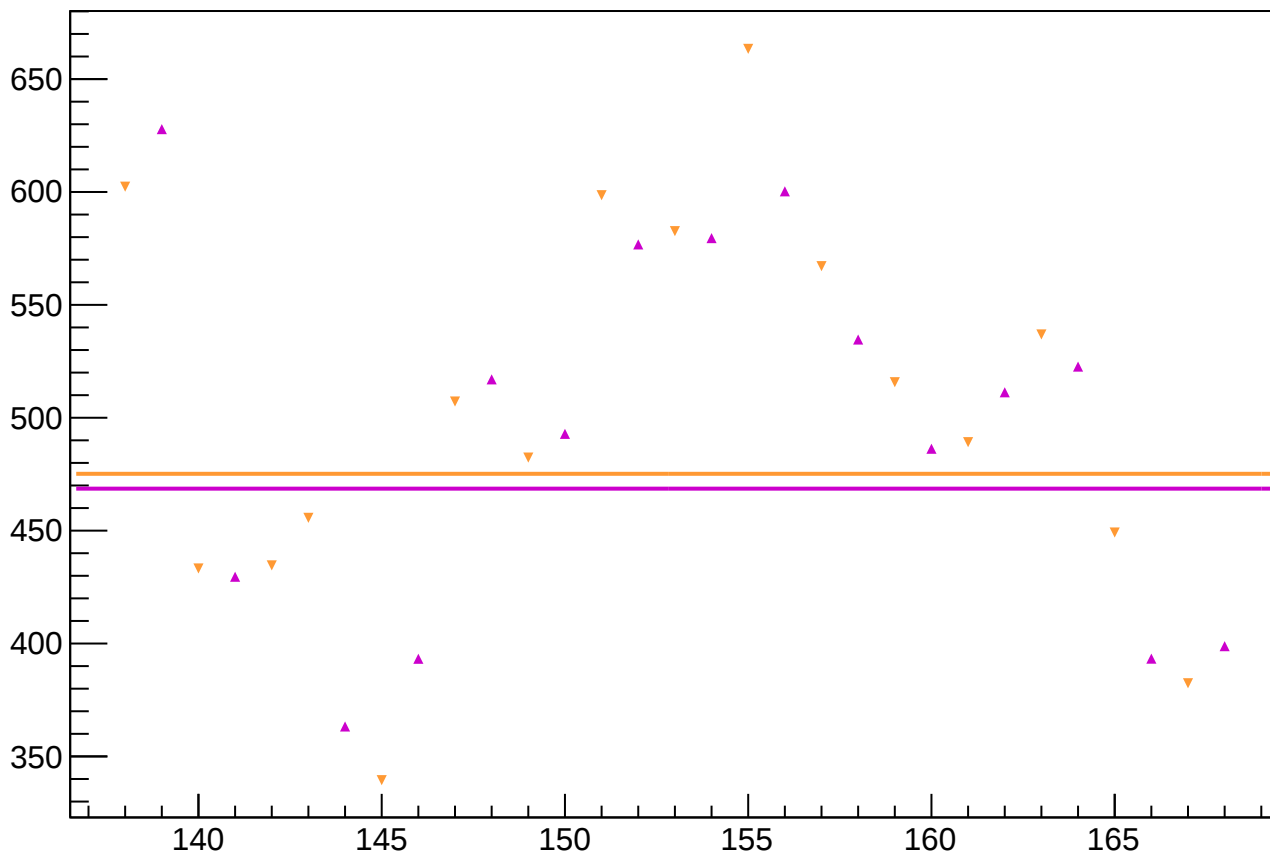
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

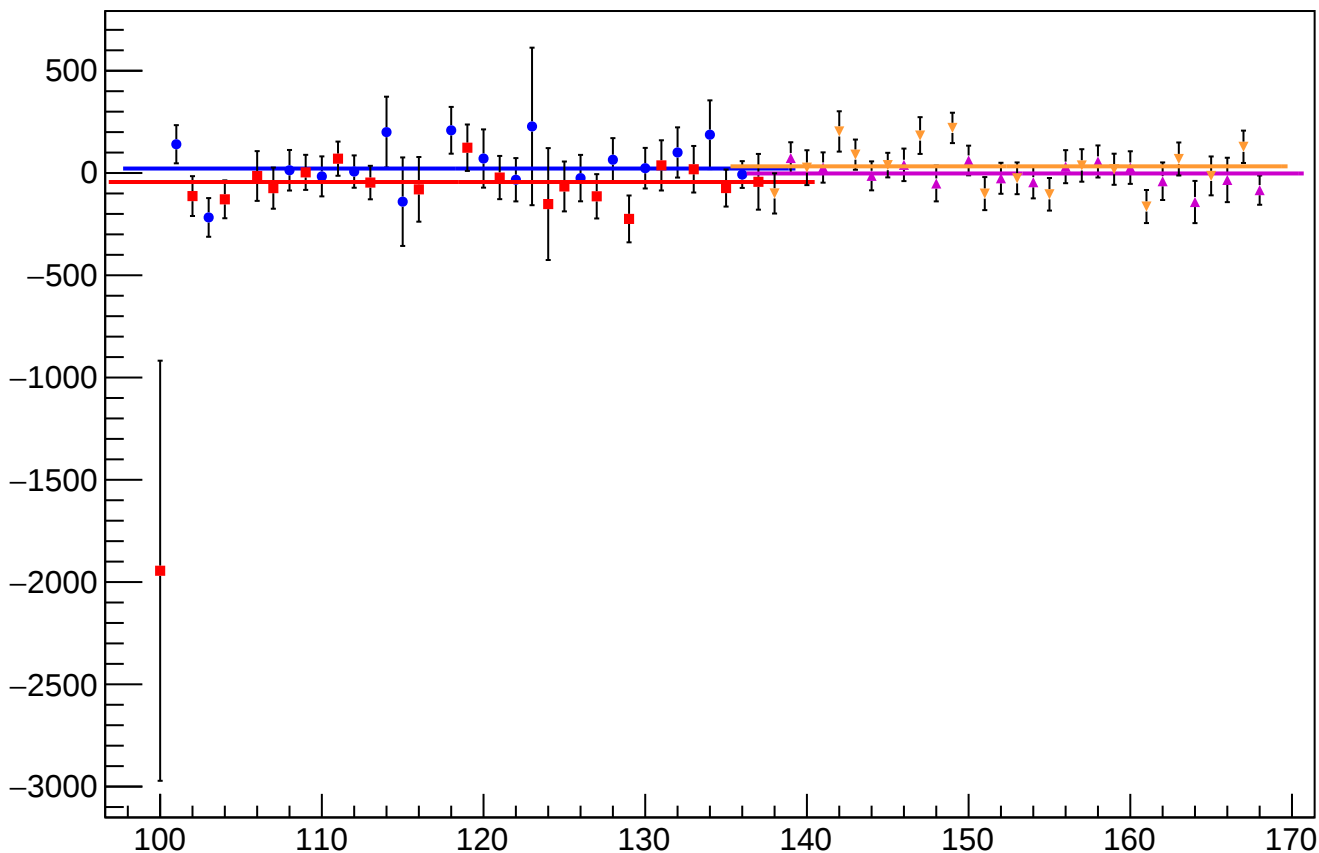
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 15.1/16

Left Out: 32.650 ± 20.023 χ^2/NDF : 28.7/15

Right Out: -43.953 ± 25.108 χ^2/NDF : 13.3/18

Left In: -2.179 ± 20.719 χ^2/NDF : 7.1/14

Left: 15.831 ± 14.398 χ^2/NDF : 37.3/30

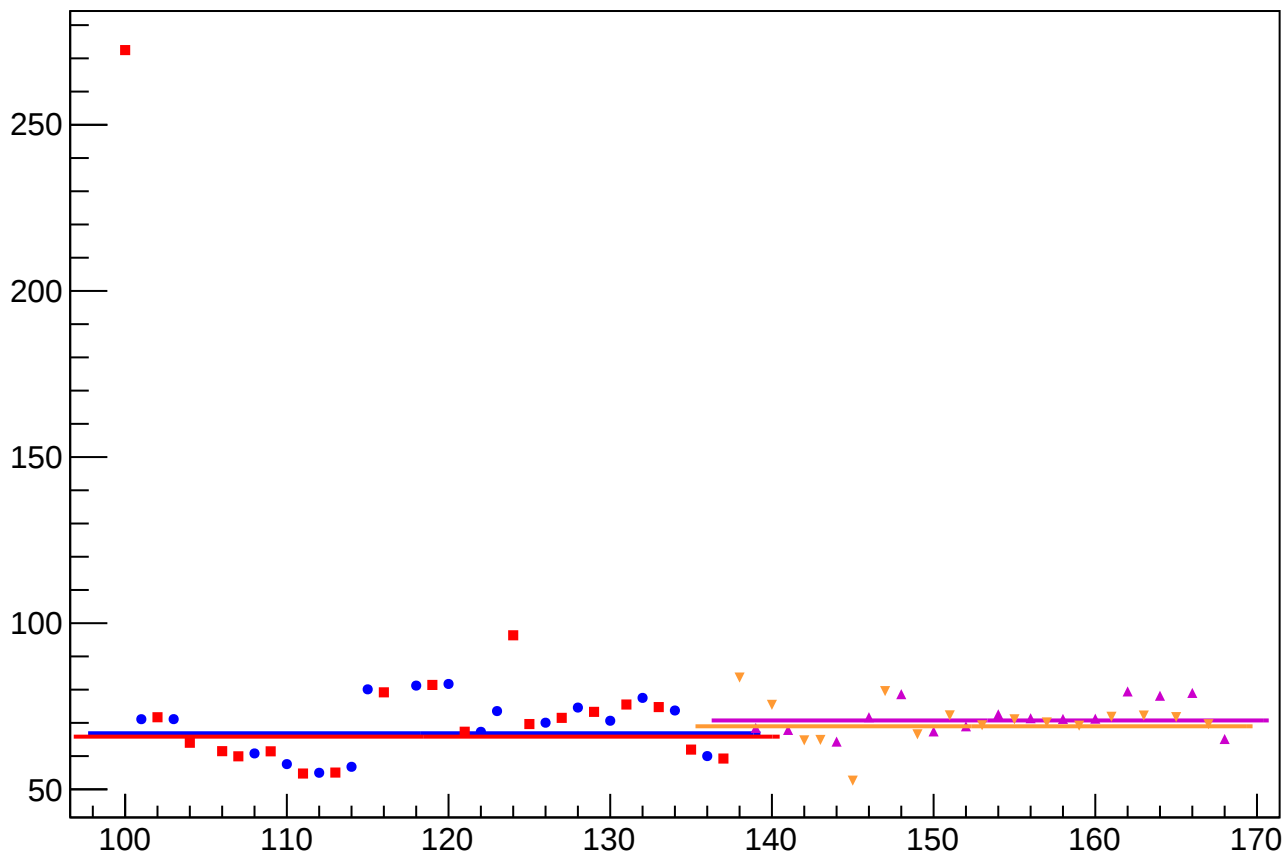
Right: -12.241 ± 18.080 χ^2/NDF : 31.7/35

In: 7.152 ± 16.217 χ^2/NDF : 22.7/31

Out: 2.872 ± 15.655 χ^2/NDF : 47.7/34

All: 4.937 ± 11.263 χ^2/NDF : 70.4/66

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 68.970 $\pm$ 0.014 χ^2 /NDF: 256758.2/15

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 70.730 $\pm$ 0.015 χ^2 /NDF: 96414.2/14

Left: 69.820 $\pm$ 0.010 χ^2 /NDF: 360632.7/30

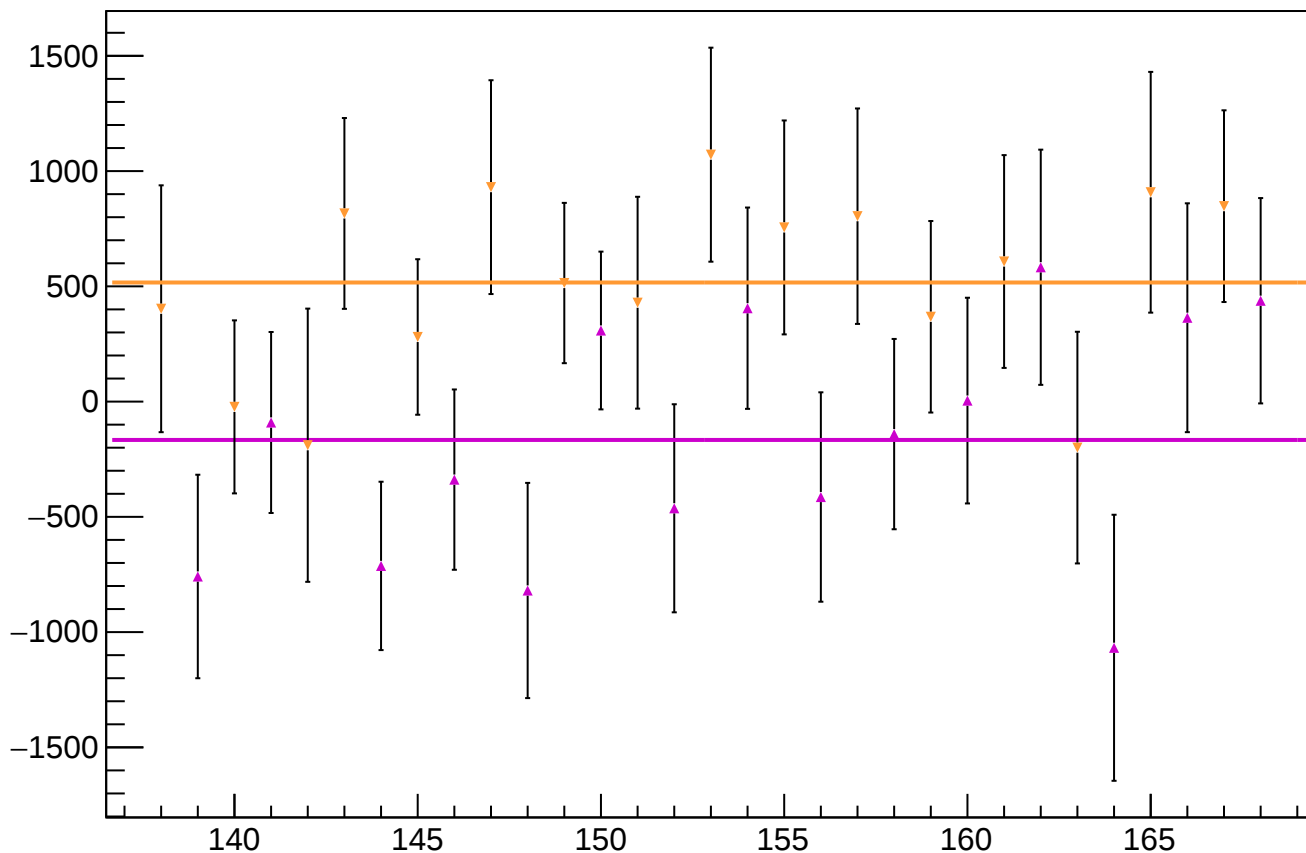
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 69.235 $\pm$ 0.011 χ^2 /NDF: 325790.6/31

Out: 67.759 $\pm$ 0.011 χ^2 /NDF: 575460.8/34

All: 68.471 $\pm$ 0.008 χ^2 /NDF: 909834.3/66

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 516.713 $\pm$ 109.453 χ^2 /NDF:10.8/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -166.363 $\pm$ 111.376 χ^2 /NDF:18.3/14

Left: 181.121 $\pm$ 78.066 χ^2 /NDF: 48.3/30

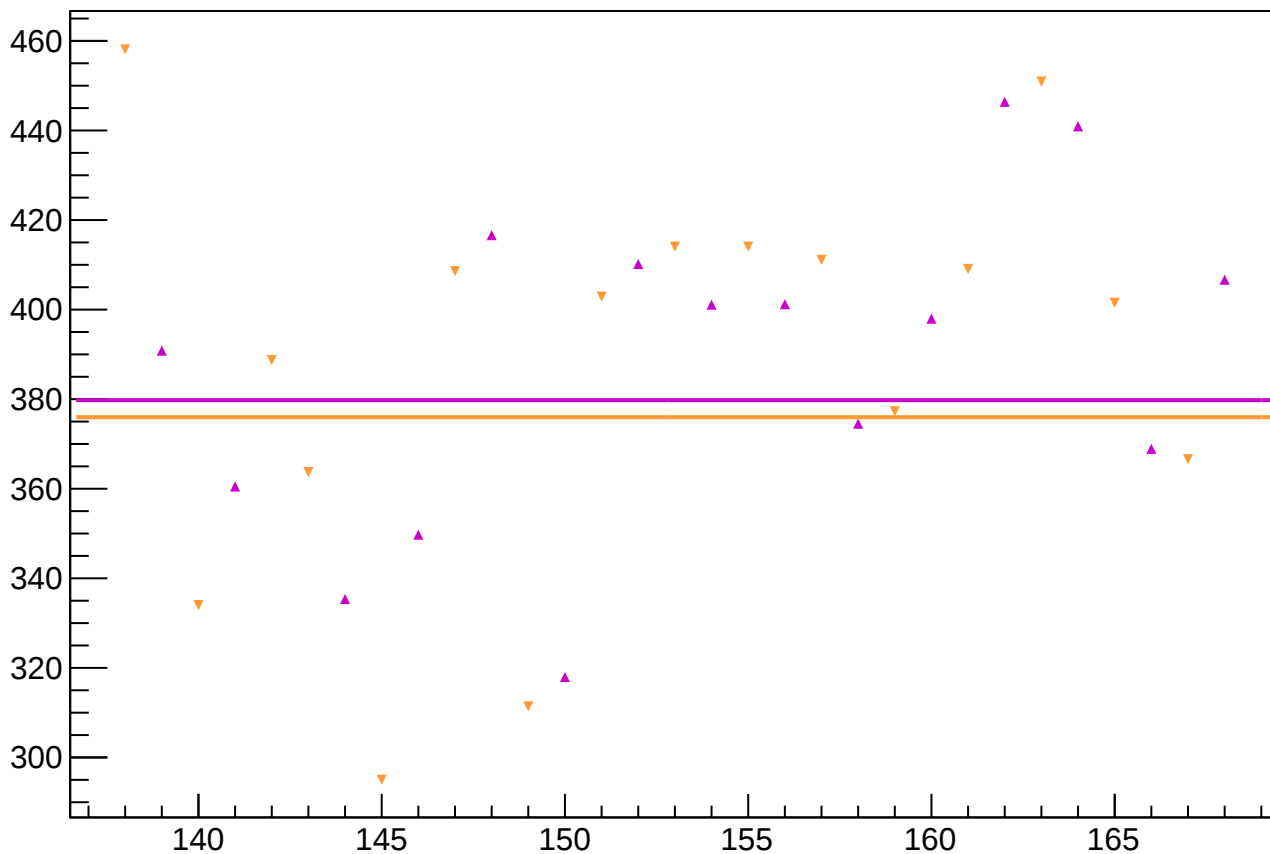
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -166.363 $\pm$ 111.376 χ^2 /NDF:18.3/14

Out: 516.713 $\pm$ 109.453 χ^2 /NDF:10.8/15

All: 181.121 $\pm$ 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

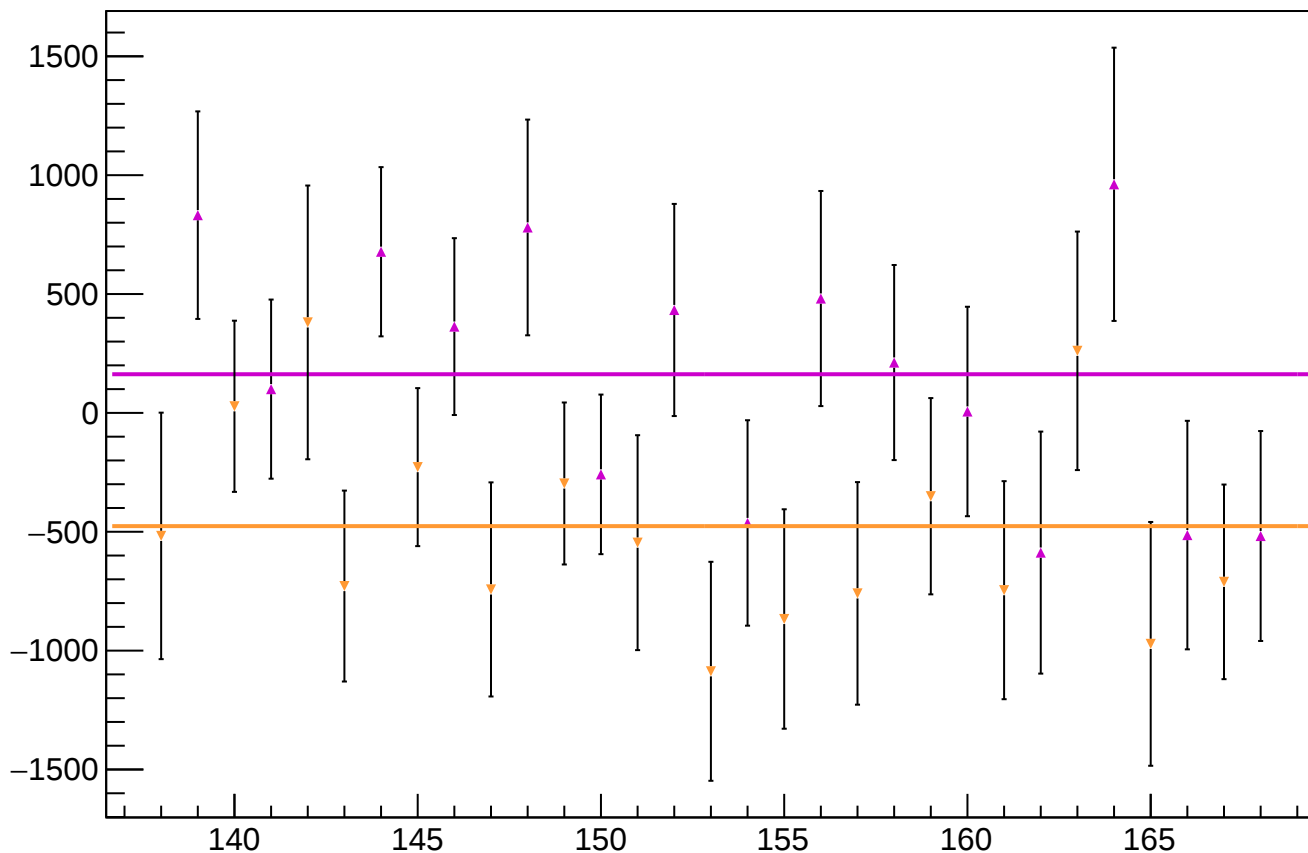
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -476.312 ± 107.530 $\chi^2/\text{NDF}: 12.5/15$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 162.636 ± 109.208 $\chi^2/\text{NDF}: 19.8/14$

Left: -161.784 ± 76.621 $\chi^2/\text{NDF}: 49.6/30$

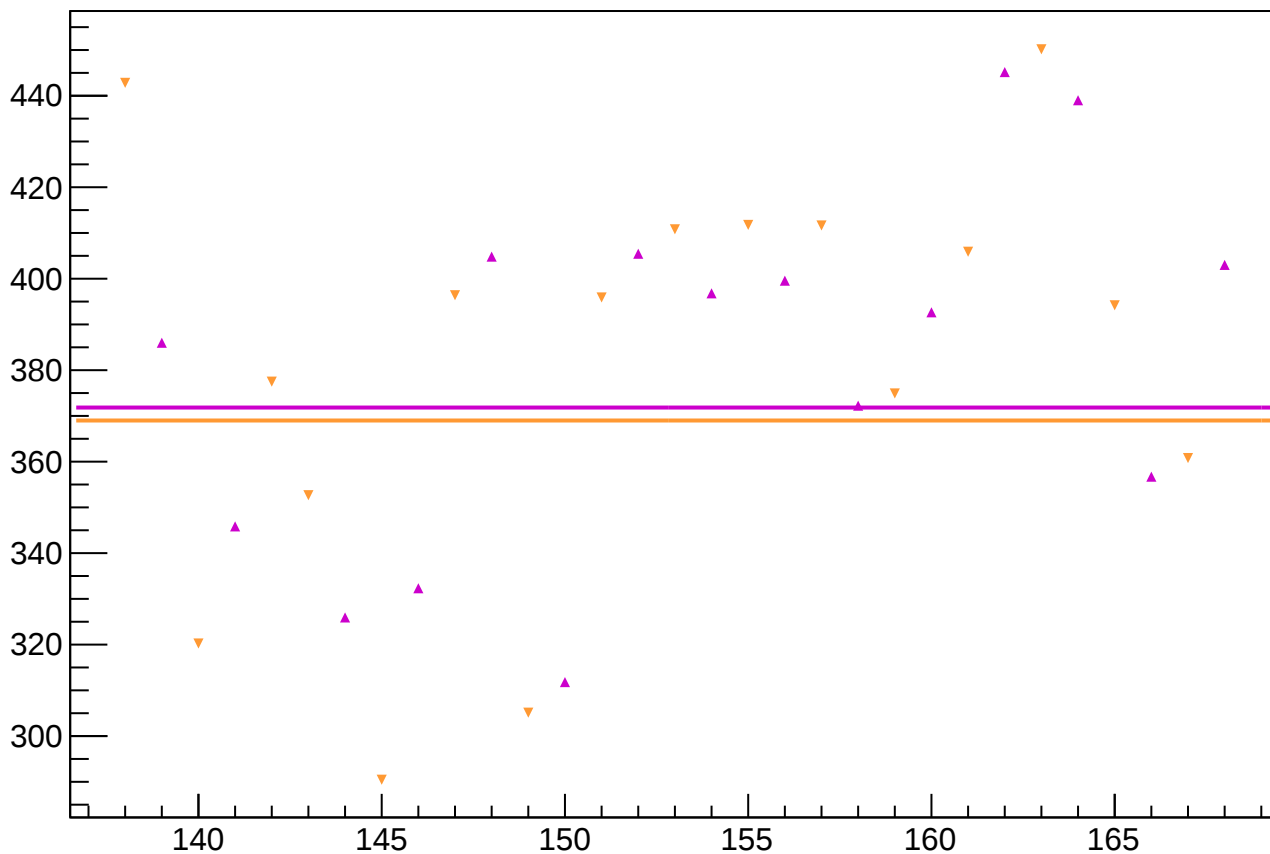
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 162.636 ± 109.208 $\chi^2/\text{NDF}: 19.8/14$

Out: -476.312 ± 107.530 $\chi^2/\text{NDF}: 12.5/15$

All: -161.784 ± 76.621 $\chi^2/\text{NDF}: 49.6/30$

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

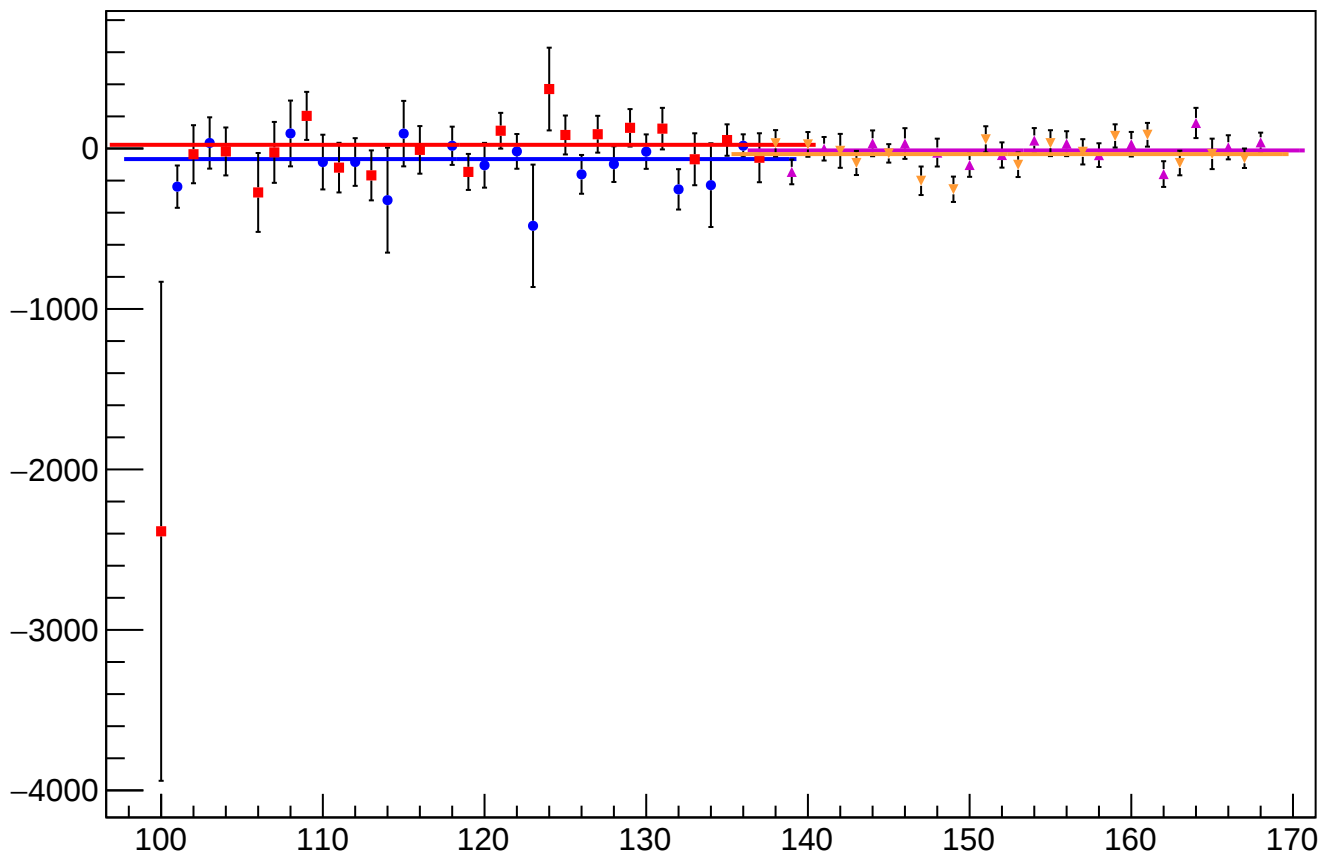
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -12.081 ± 19.998 χ^2/NDF : 14.0/14

Left: -24.024 ± 13.818 χ^2/NDF : 36.4/30

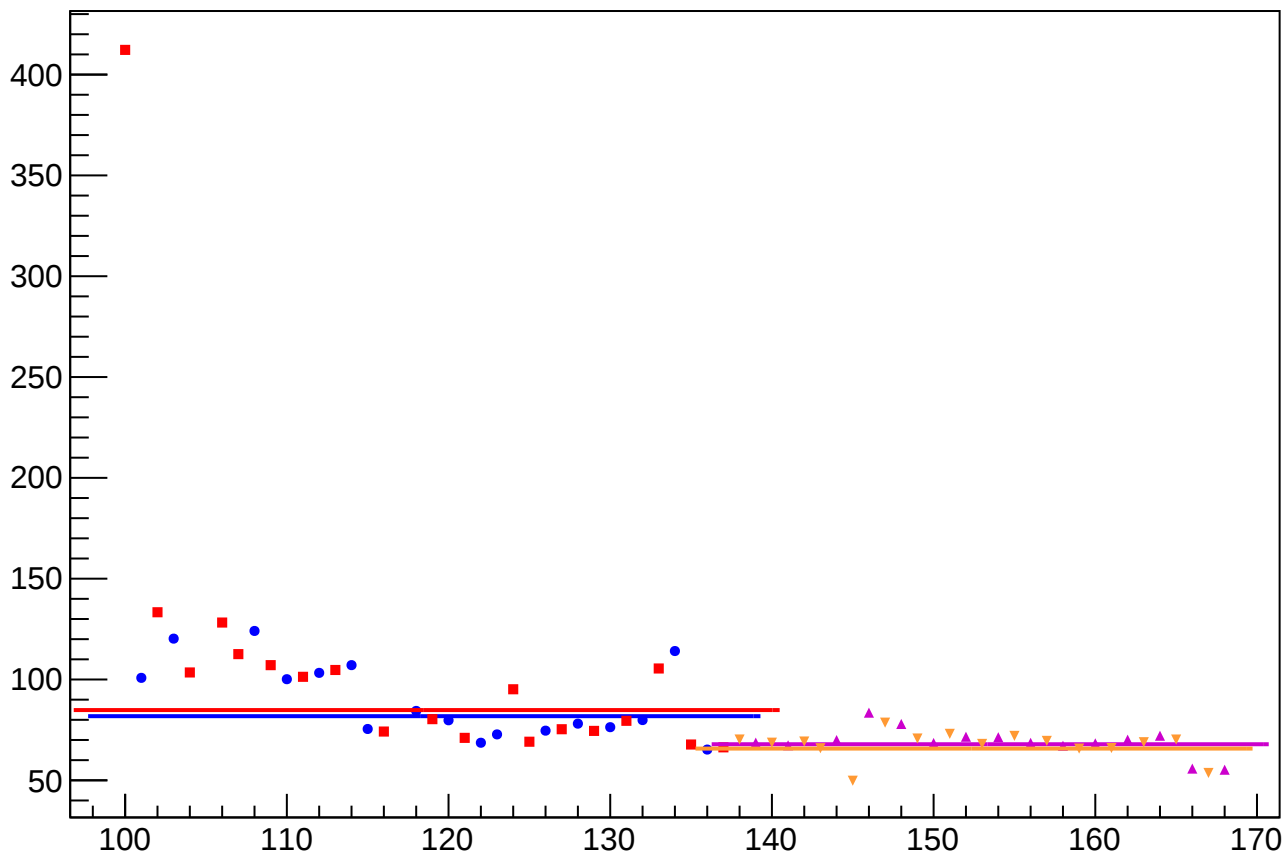
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -27.023 ± 17.001 χ^2/NDF : 26.8/31

Out: -20.259 ± 16.512 χ^2/NDF : 39.3/34

All: -23.542 ± 11.845 χ^2/NDF : 66.2/66

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: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

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

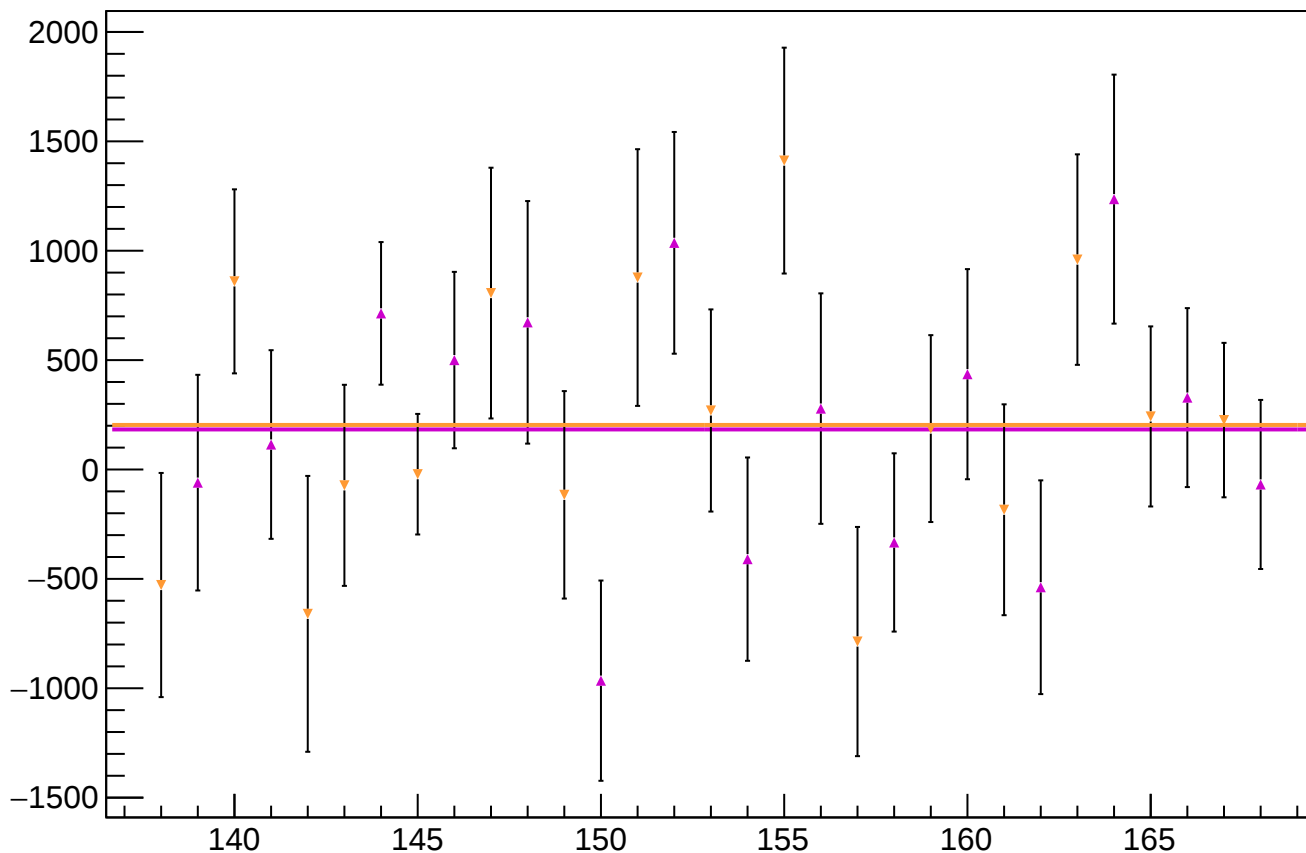
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 71.749 $\pm$ 0.012 χ^2 /NDF:1011449.5/31

Out: 70.582 $\pm$ 0.012 χ^2 /NDF:1548128.0/34

All: 71.149 $\pm$ 0.008 χ^2 /NDF: 2564429.9/66

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 203.622 $\pm$ 111.533 χ^2 /NDF:22.5/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 183.067 $\pm$ 115.071 χ^2 /NDF:23.1/14

Left: 193.666 $\pm$ 80.087 χ^2 /NDF: 45.6/30

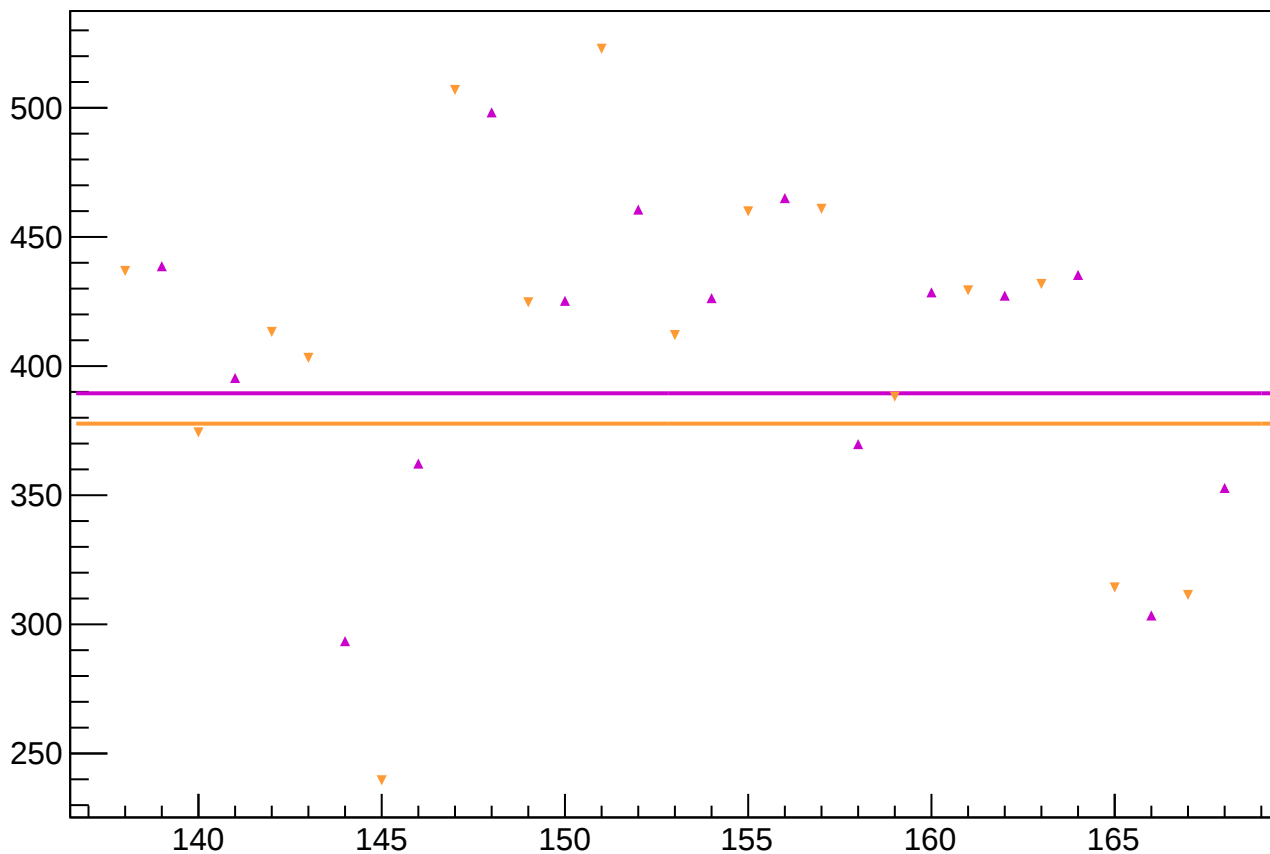
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 183.067 $\pm$ 115.071 χ^2 /NDF:23.1/14

Out: 203.622 $\pm$ 111.533 χ^2 /NDF:22.5/15

All: 193.666 $\pm$ 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

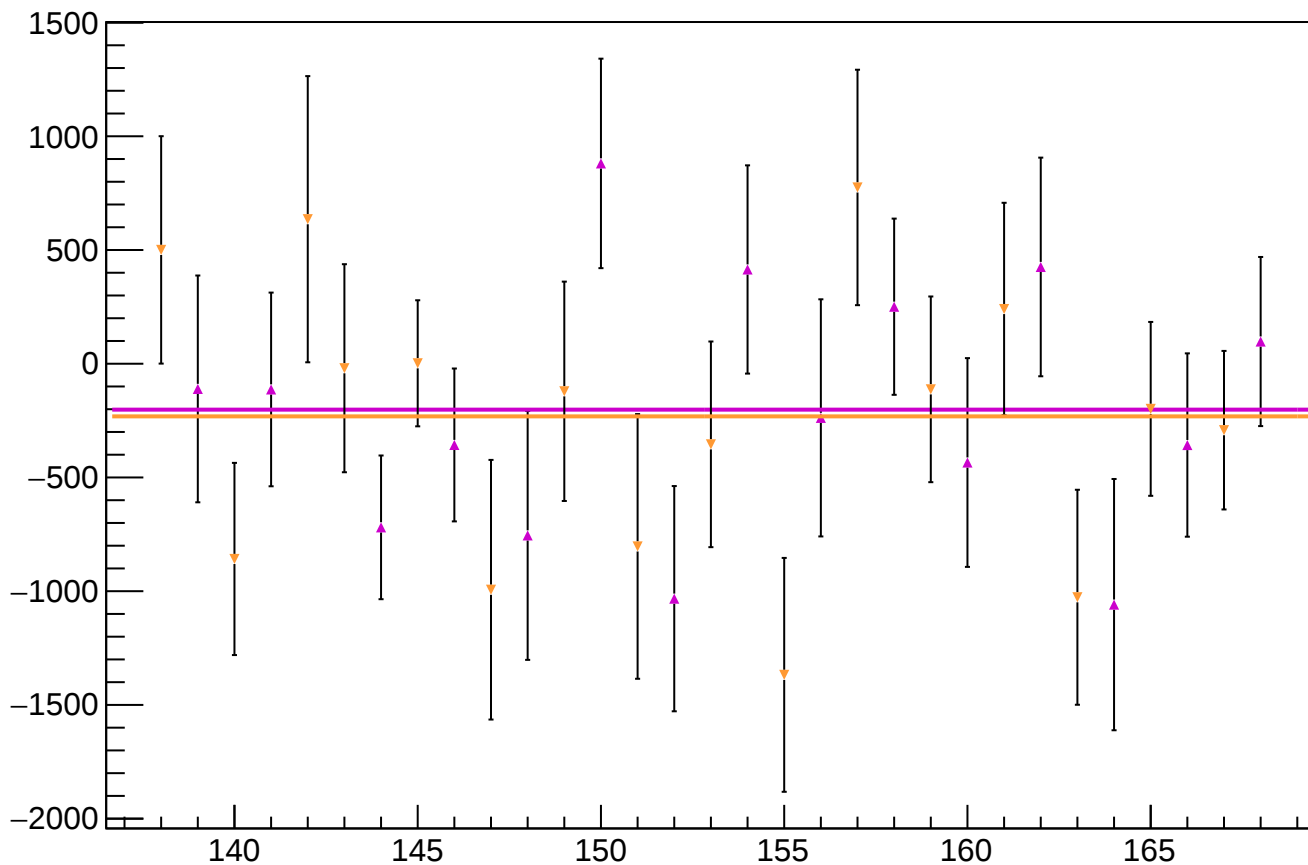
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

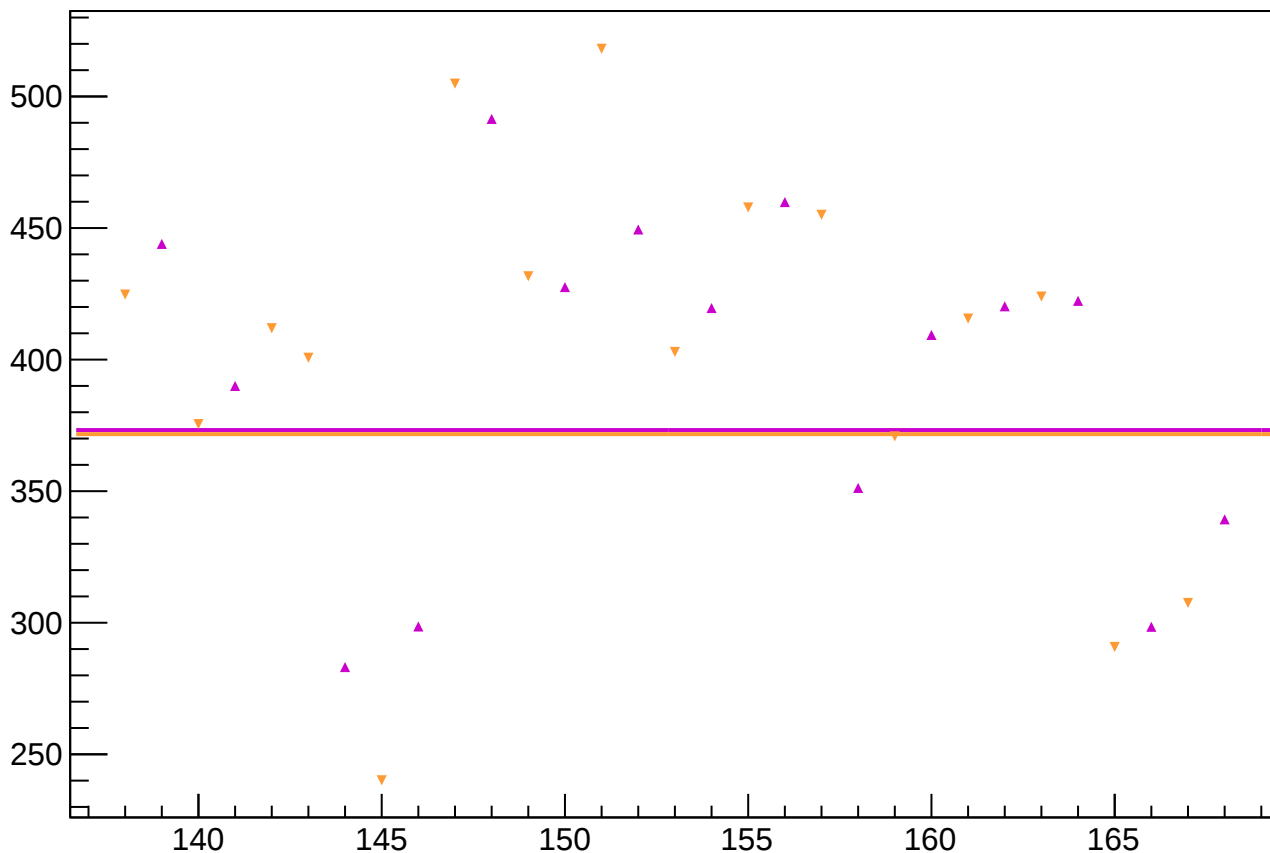
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

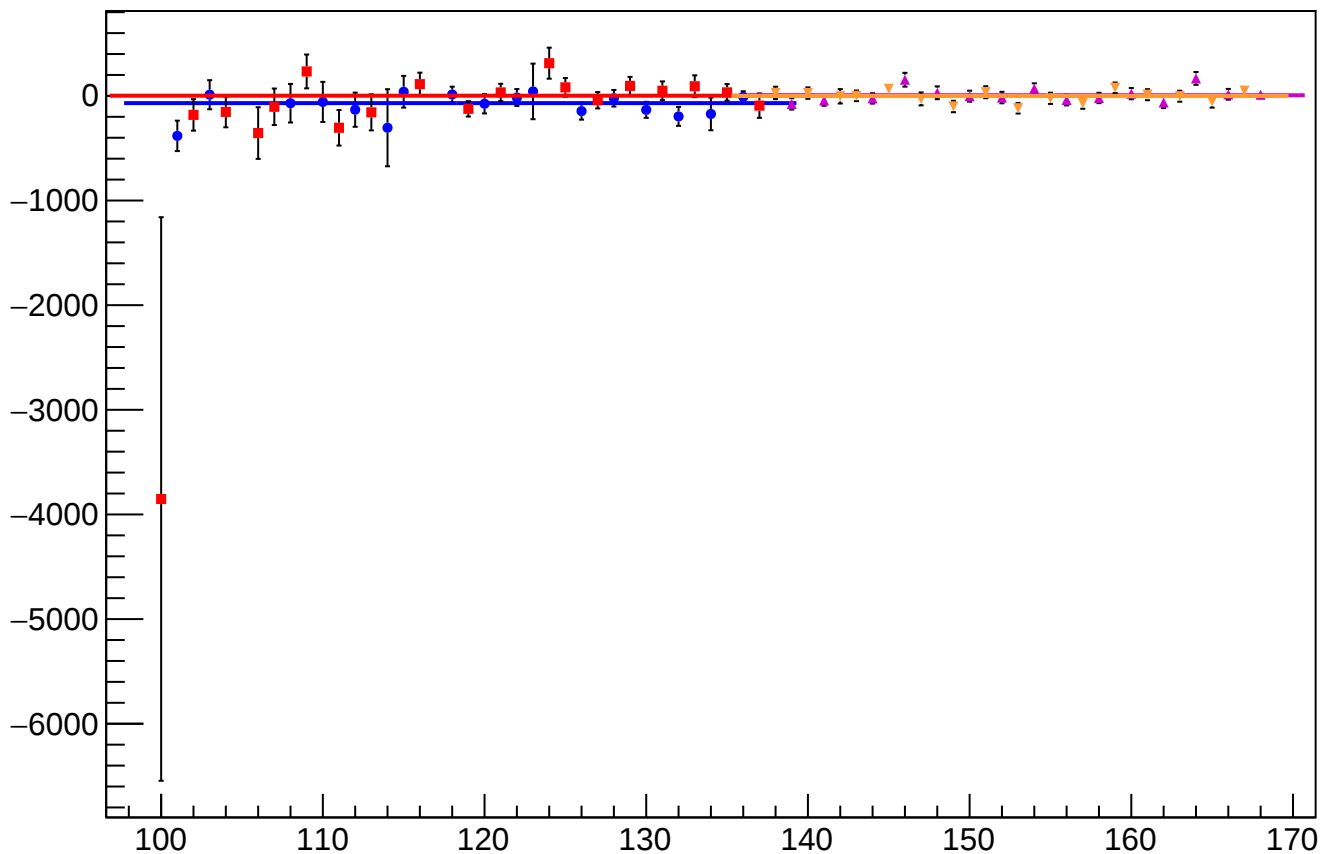
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 5.839 ± 13.604 χ^2/NDF : 20.2/14

Left: 2.403 ± 9.458 χ^2/NDF : 39.6/30

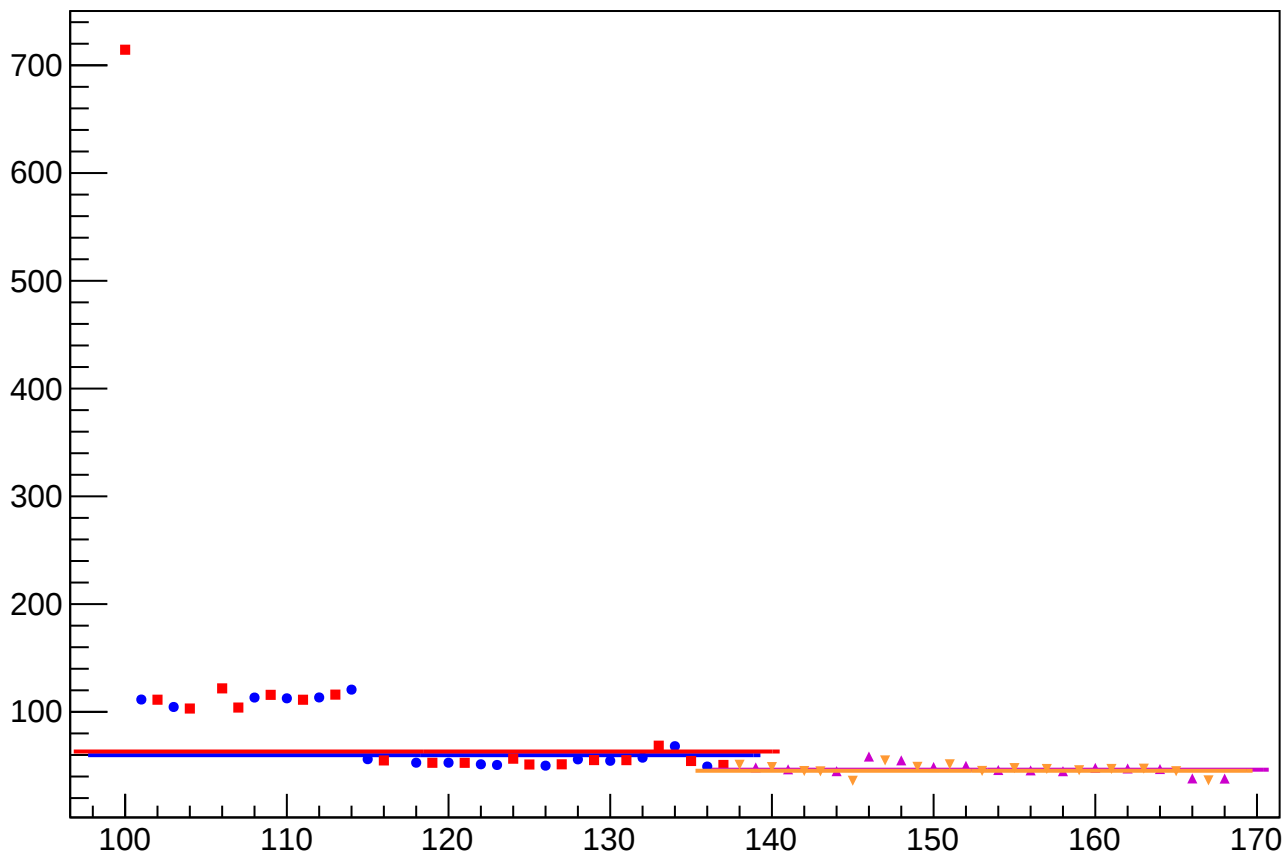
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -12.109 ± 11.866 χ^2/NDF : 41.0/31

Out: -0.263 ± 11.662 χ^2/NDF : 45.0/34

All: -6.084 ± 8.317 χ^2/NDF : 86.5/66

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 45.353 $\pm$ 0.009 χ^2 /NDF: 309846.1/15

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

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

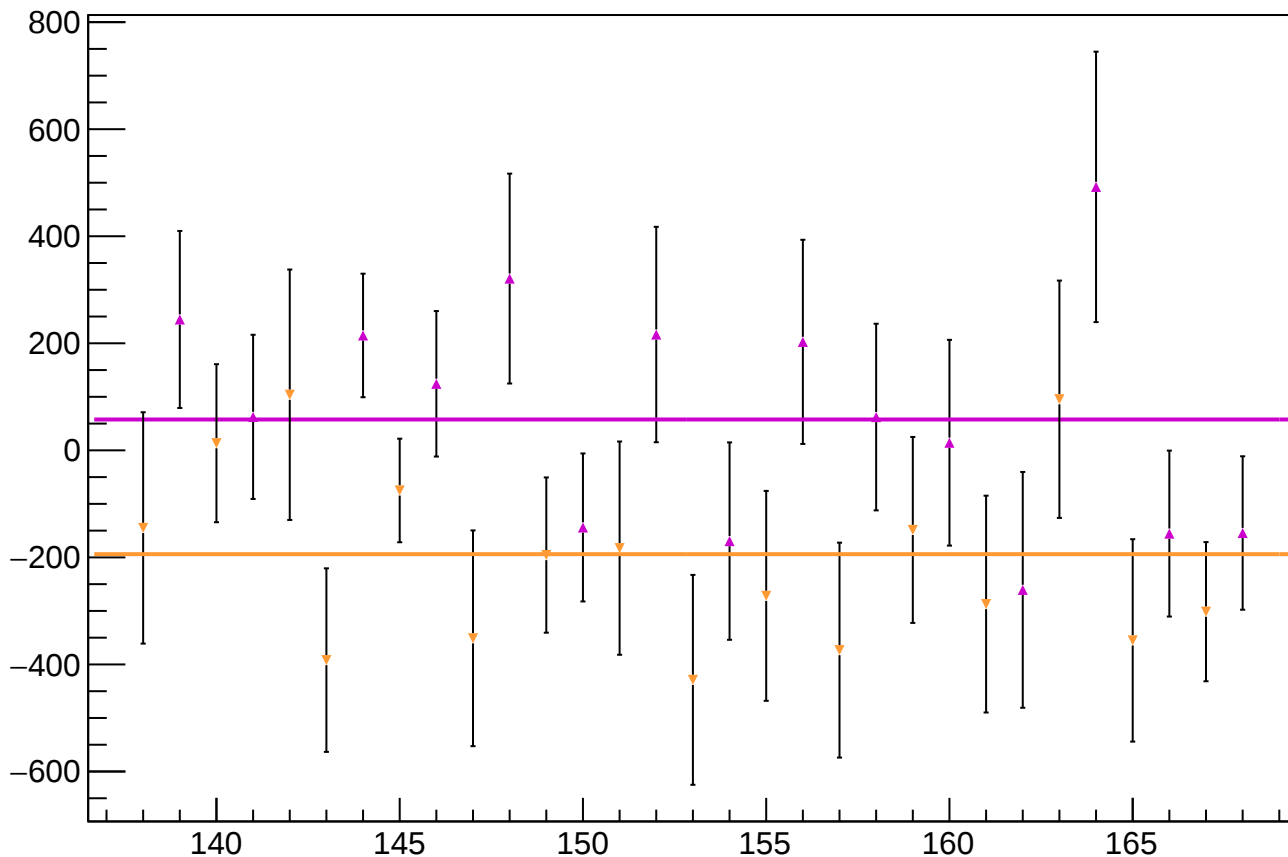
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 49.566 $\pm$ 0.008 χ^2 /NDF: 1956721.7/31

Out: 49.184 $\pm$ 0.008 χ^2 /NDF: 2605075.2/34

All: 49.372 $\pm$ 0.006 χ^2 /NDF: 4562849.7/66

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

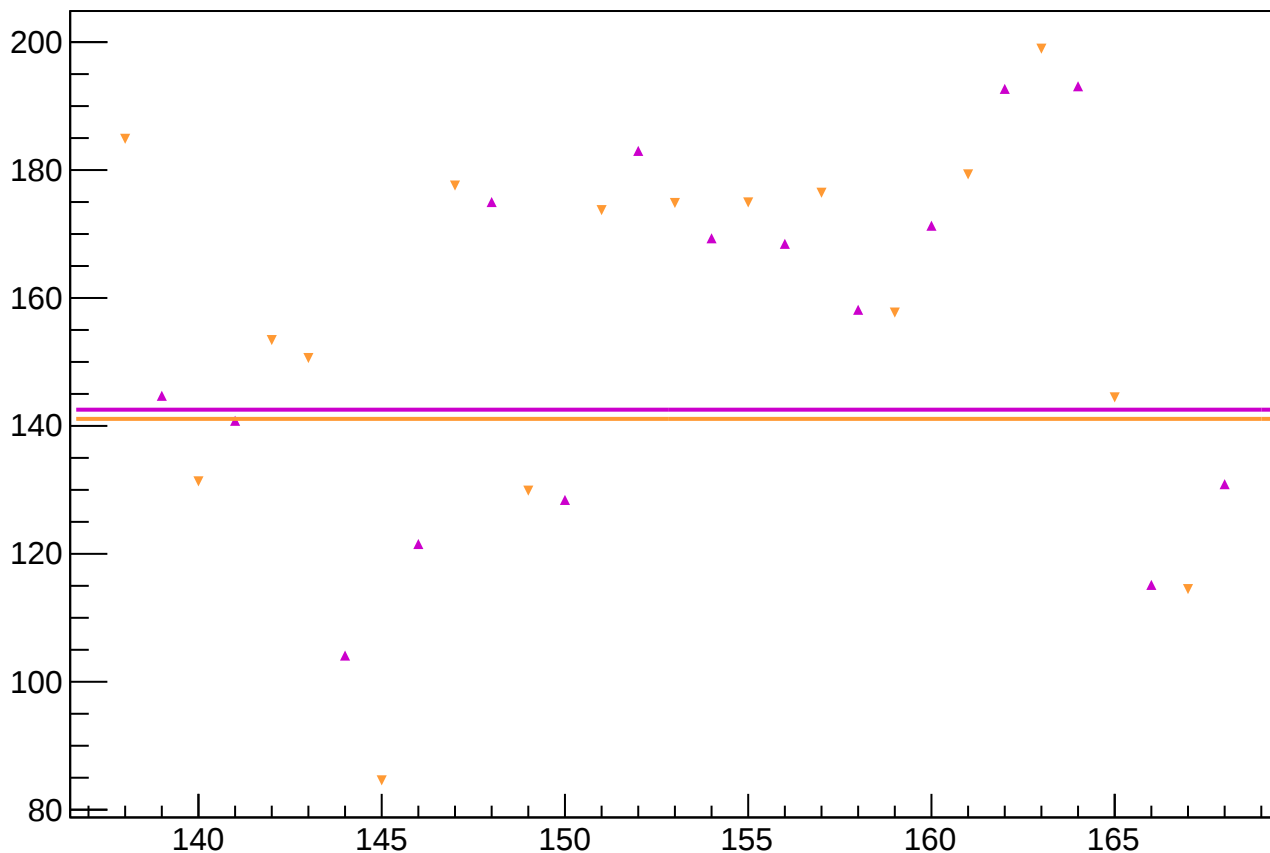
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

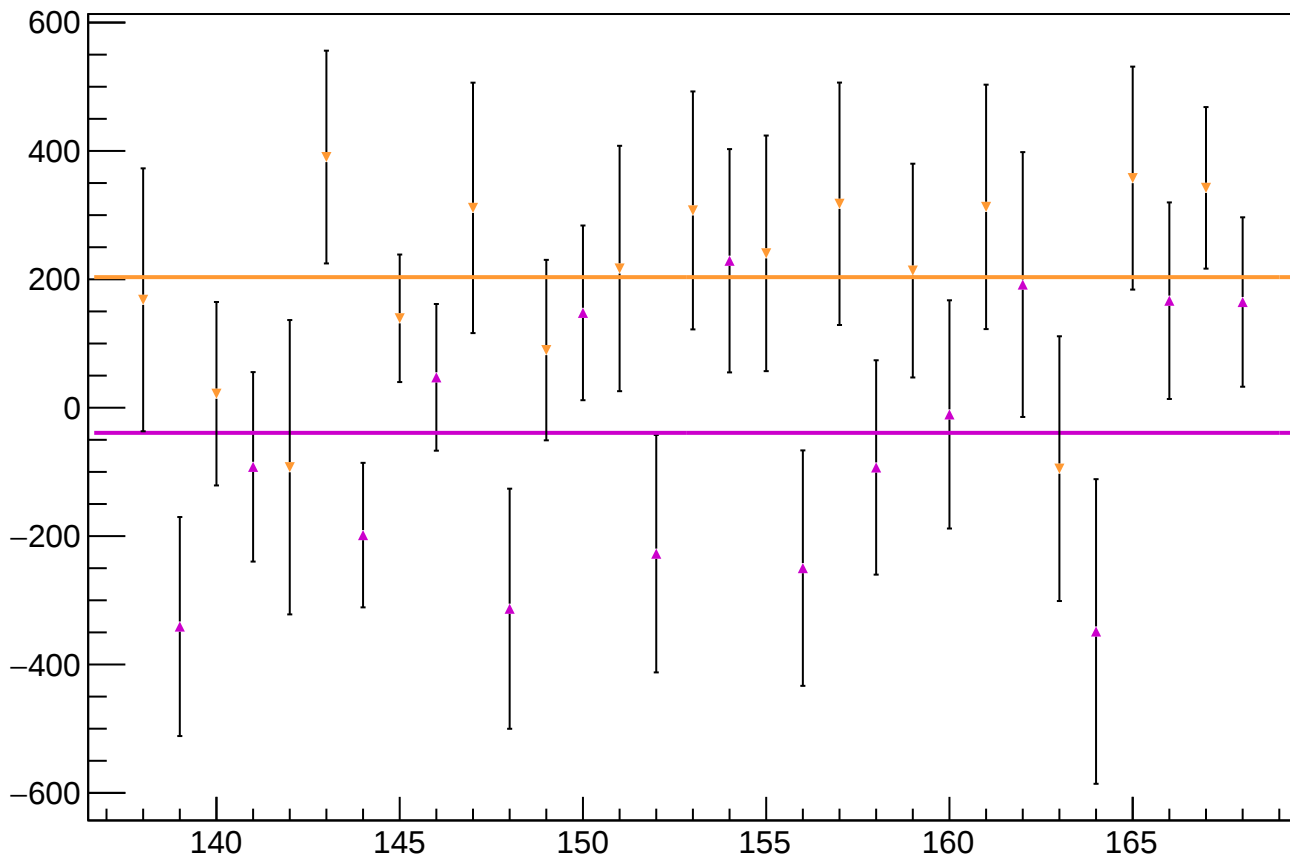
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

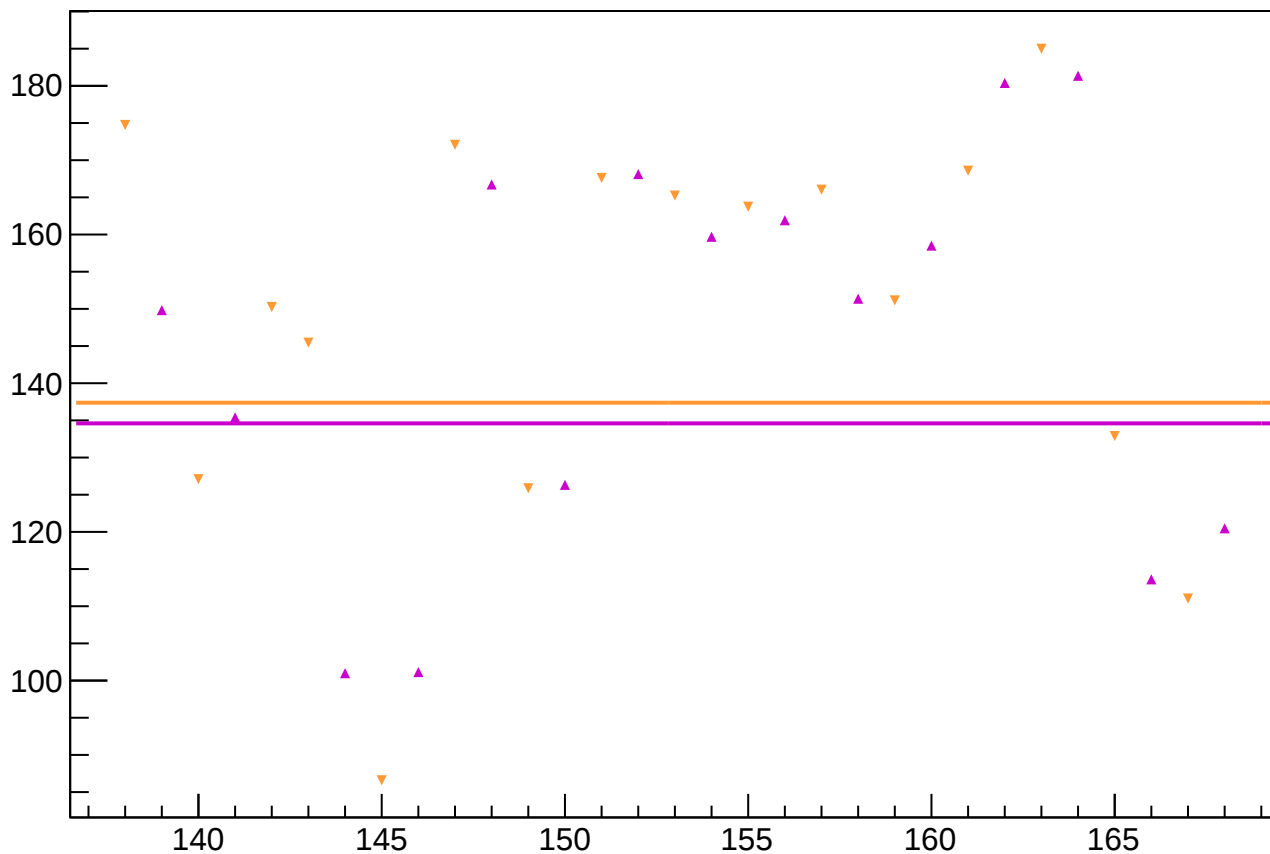
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

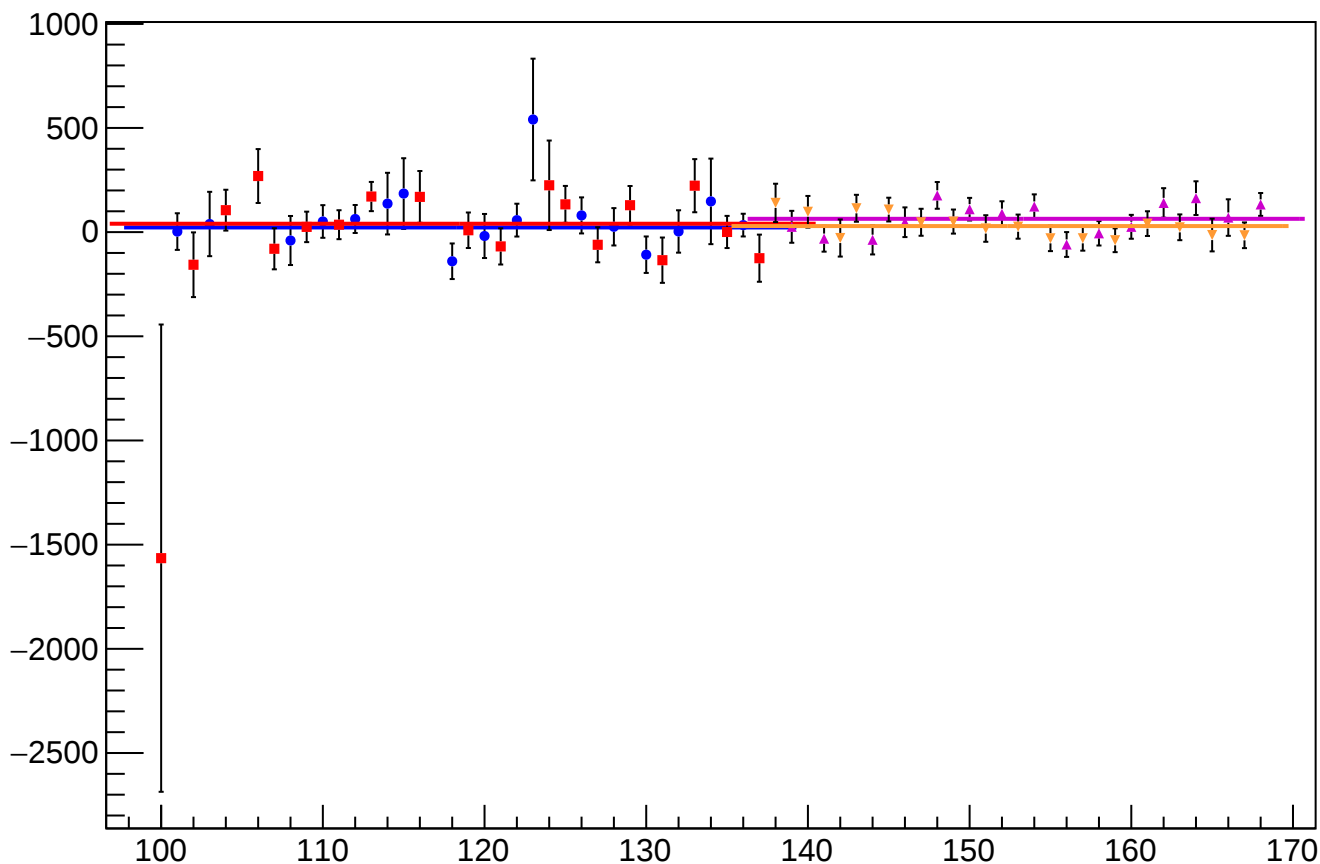
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

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

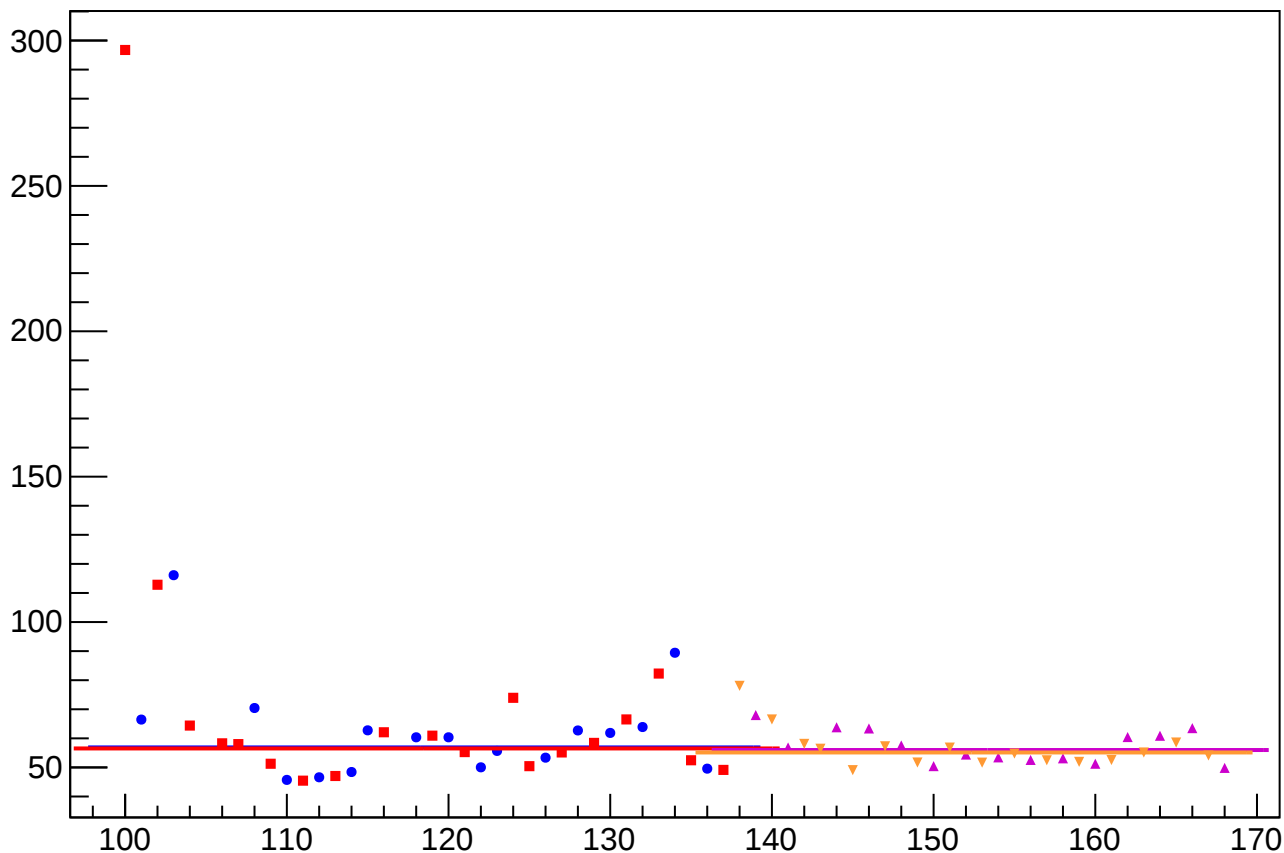
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 49.449 $\pm$ 13.331 χ^2 /NDF:34.8/31

Out: 32.905 $\pm$ 13.005 χ^2 /NDF:37.2/34

All: 40.972 $\pm$ 9.309 χ^2 /NDF: 72.8/66

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.150 $\pm$ 0.011 χ^2 /NDF: 231356.8/15

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 55.987 $\pm$ 0.012 χ^2 /NDF: 203055.7/14

Left: 55.558 $\pm$ 0.008 χ^2 /NDF: 437049.0/30

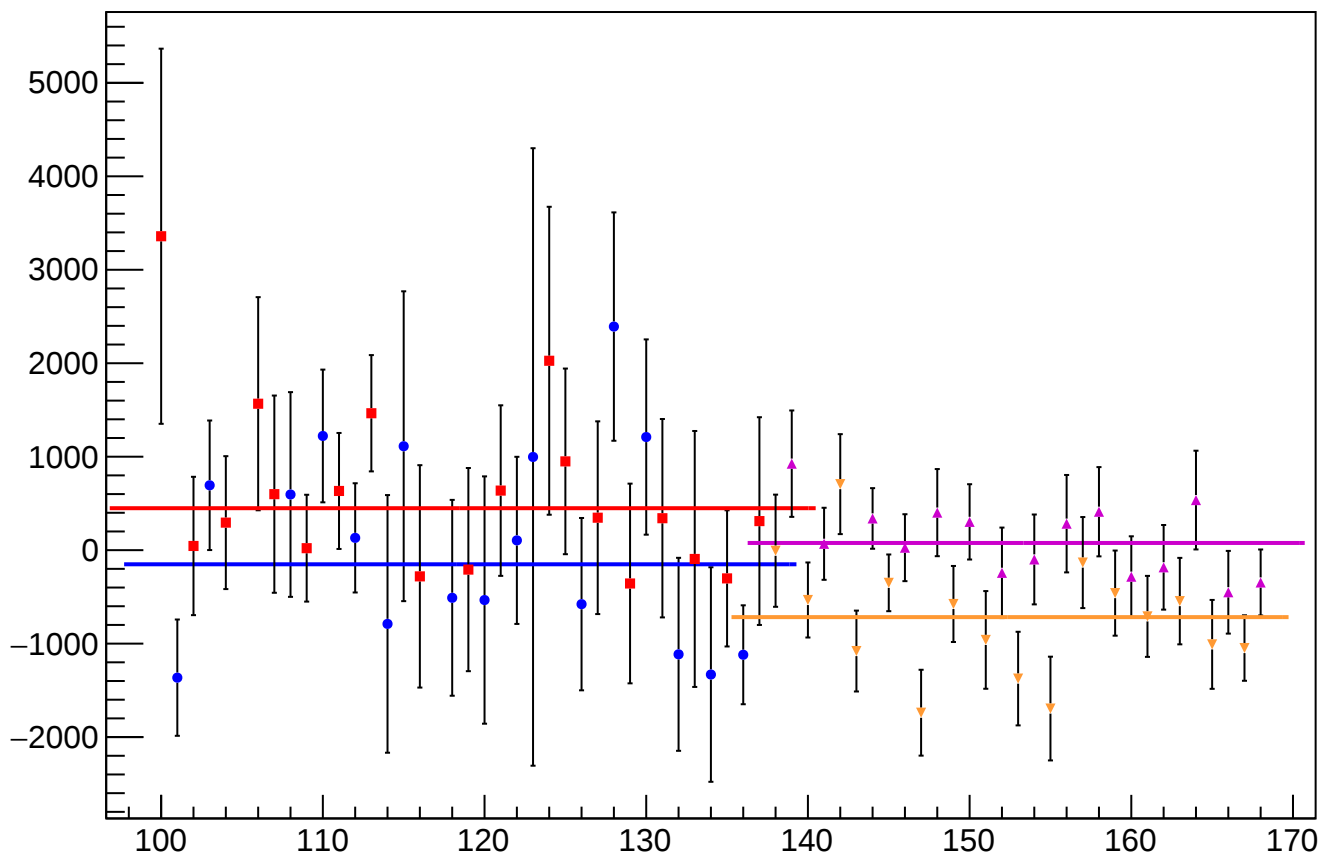
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.296 $\pm$ 0.009 χ^2 /NDF: 780572.9/31

Out: 55.626 $\pm$ 0.009 χ^2 /NDF: 848701.4/34

All: 55.953 $\pm$ 0.007 χ^2 /NDF: 1631866.3/66

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -716.456 ± 110.456 $\chi^2/\text{NDF}: 24.1/15$

Right Out: 448.932 ± 203.999 $\chi^2/\text{NDF}: 10.5/18$

Left In: 76.999 ± 110.761 $\chi^2/\text{NDF}: 9.6/14$

Left: -320.823 ± 78.212 $\chi^2/\text{NDF}: 59.4/30$

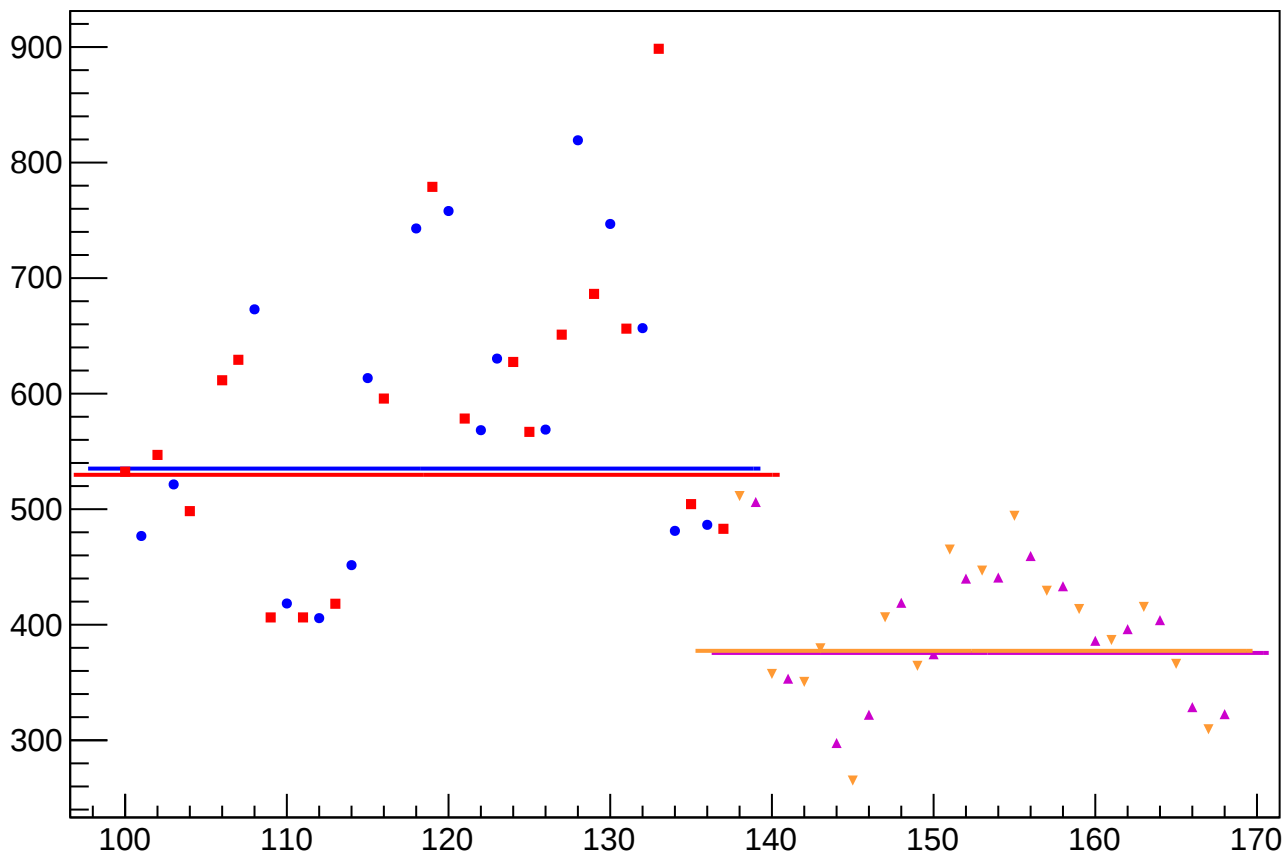
Right: 161.039 ± 147.145 $\chi^2/\text{NDF}: 37.1/35$

In: 28.230 ± 98.214 $\chi^2/\text{NDF}: 32.9/31$

Out: -452.256 ± 97.131 $\chi^2/\text{NDF}: 59.9/34$

All: -214.676 ± 69.062 $\chi^2/\text{NDF}: 104.9/66$

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: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

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

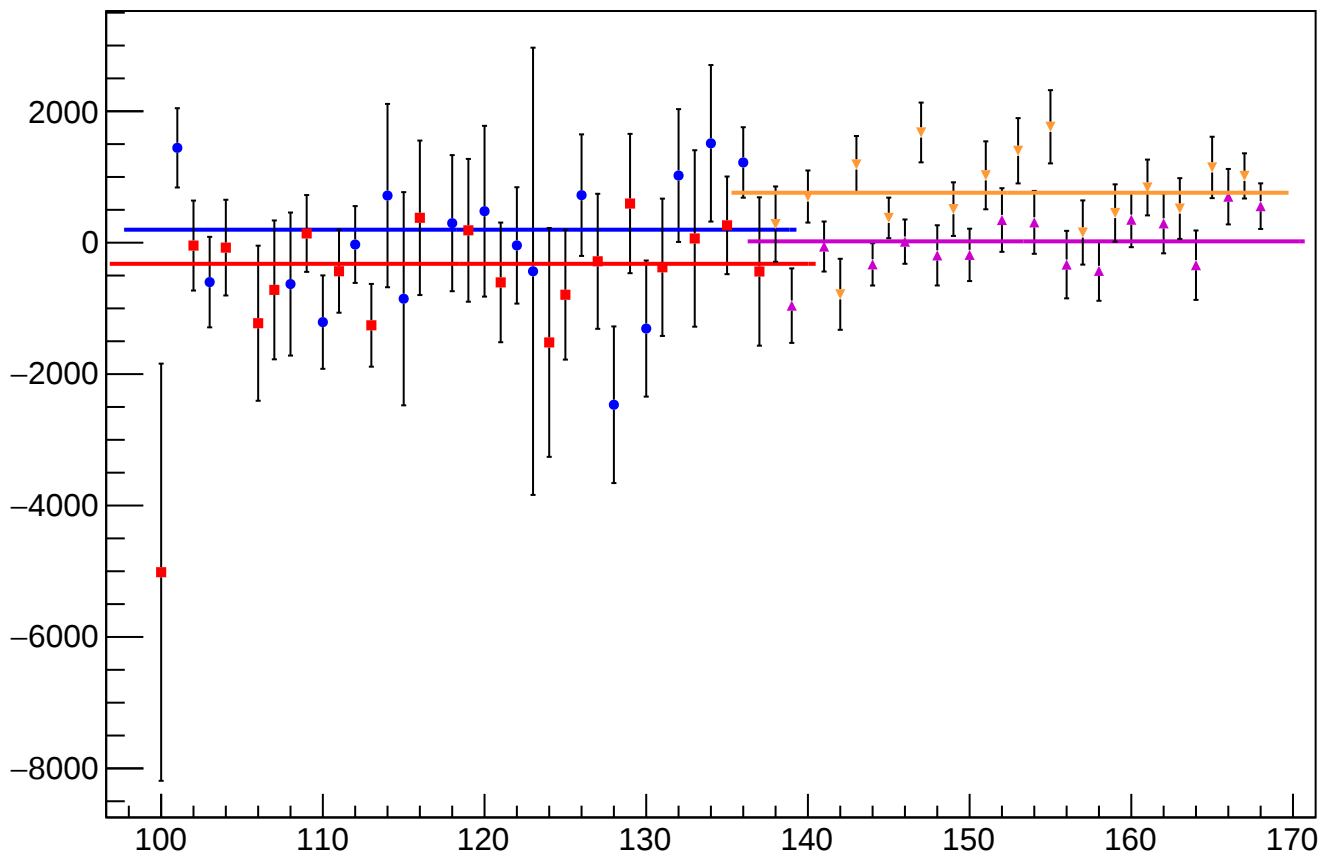
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 409.686 $\pm$ 0.069 χ^2 /NDF: 2004640.9/31

Out: 411.940 $\pm$ 0.069 χ^2 /NDF: 2212354.4/34

All: 410.825 $\pm$ 0.049 χ^2 /NDF: 4217528.0/66

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 759.977 $\pm$ 109.611 χ^2 /NDF:24.6/15

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: 20.131 $\pm$ 108.590 χ^2 /NDF:13.4/14

Left: 386.592 $\pm$ 77.143 χ^2 /NDF: 61.0/30

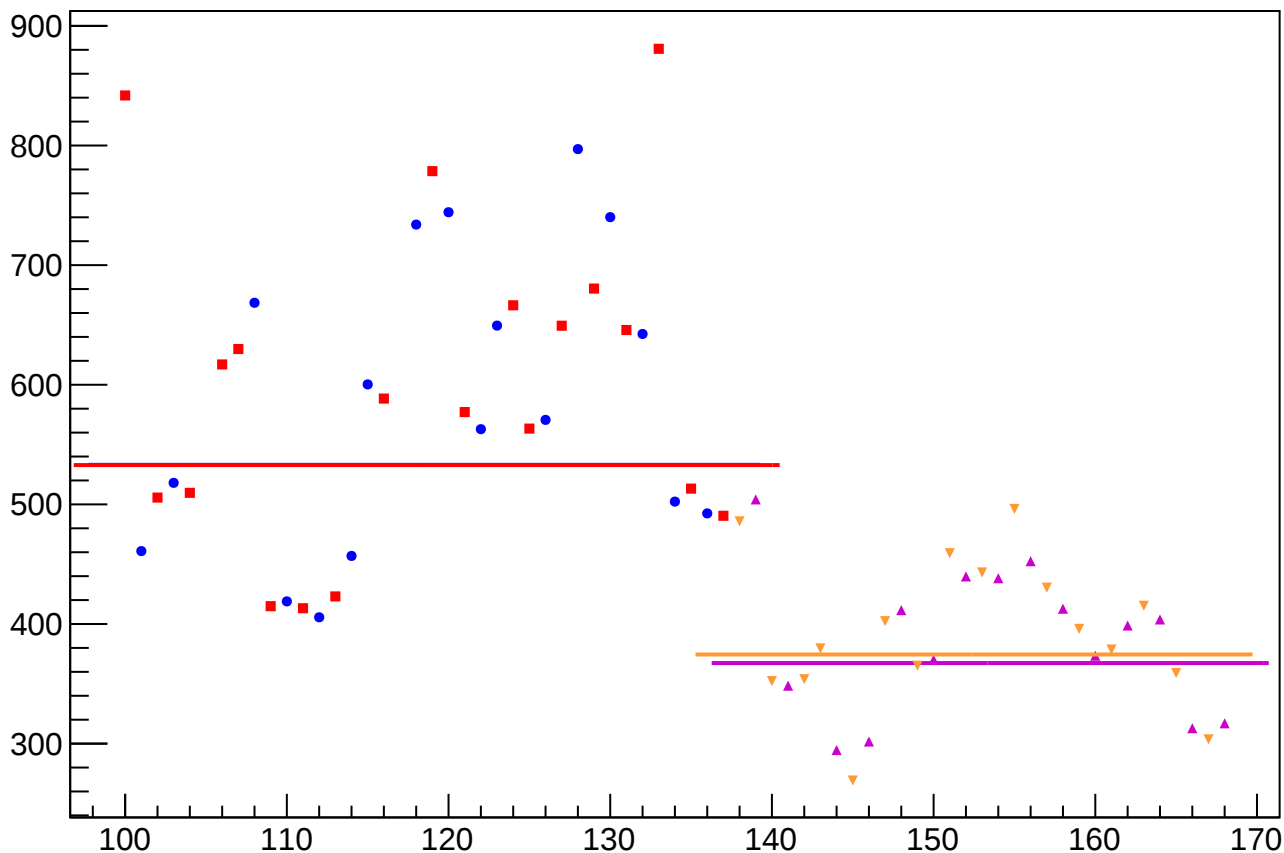
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 57.151 $\pm$ 96.599 χ^2 /NDF:37.9/31

Out: 520.010 $\pm$ 96.689 χ^2 /NDF:55.1/34

All: 288.365 $\pm$ 68.338 χ^2 /NDF: 104.4/66

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 374.519 $\pm$ 0.078 χ^2/NDF : 647819.7/15

Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18

Left In: 367.365 $\pm$ 0.077 χ^2/NDF : 576308.5/14

Left: 370.908 $\pm$ 0.055 χ^2/NDF : 1228427.7/30

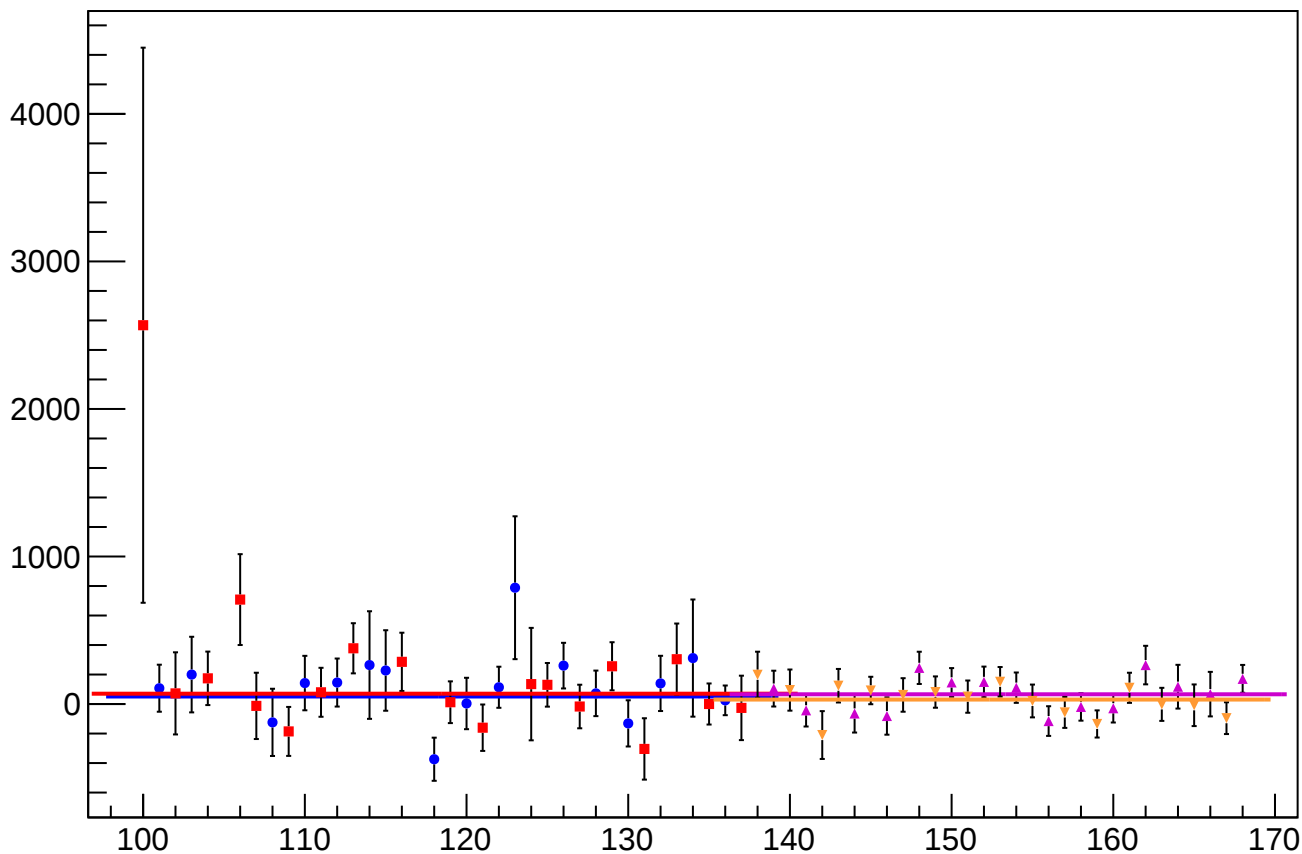
Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35

In: 401.931 $\pm$ 0.068 χ^2/NDF : 2114412.3/31

Out: 409.650 $\pm$ 0.068 χ^2/NDF : 2190756.9/34

All: 405.787 $\pm$ 0.048 χ^2/NDF : 4311549.0/66

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 30.363 $\pm$ 28.006 χ^2 /NDF:12.5/15

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

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

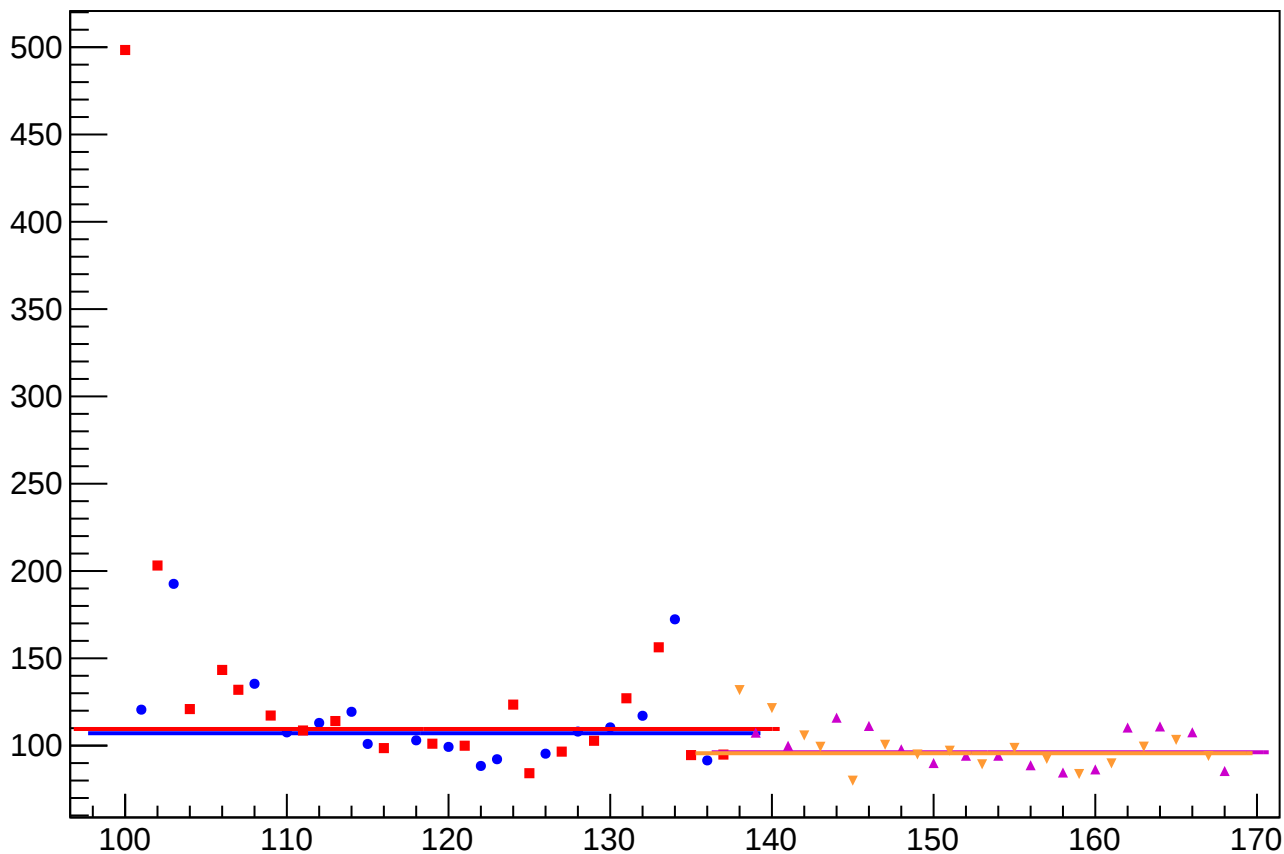
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 61.490 $\pm$ 23.650 χ^2 /NDF:33.8/31

Out: 42.271 $\pm$ 23.434 χ^2 /NDF:35.3/34

All: 51.792 $\pm$ 16.646 χ^2 /NDF: 69.5/66

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094+/-0.030 χ^2/NDF : 437755.4/16

Left Out: 95.640+/-0.020 χ^2/NDF : 306663.8/15

Right Out: 109.530+/-0.030 χ^2/NDF : 591522.9/18

Left In: 96.202+/-0.020 χ^2/NDF : 248097.6/14

Left: 95.916+/-0.014 χ^2/NDF : 555157.1/30

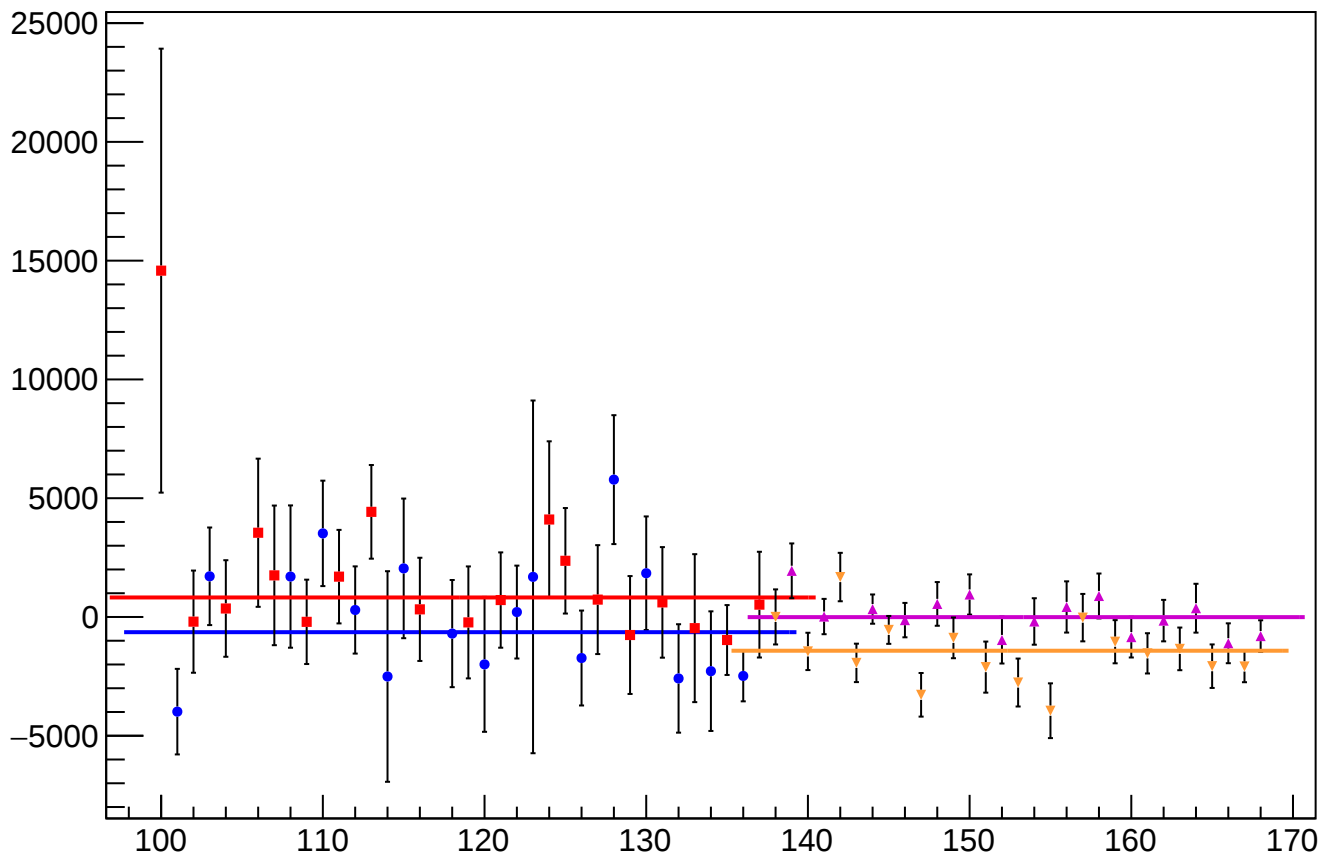
Right: 108.301+/-0.021 χ^2/NDF : 1032549.7/35

In: 99.588+/-0.017 χ^2/NDF : 776733.0/31

Out: 99.805+/-0.017 χ^2/NDF : 1045729.4/34

All: 99.698+/-0.012 χ^2/NDF : 1822547.6/66

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -1420.724 ± 217.086 $\chi^2/\text{NDF}: 28.5/15$

Right Out: 821.471 ± 515.663 $\chi^2/\text{NDF}: 11.0/18$

Left In: -6.291 ± 218.097 $\chi^2/\text{NDF}: 11.1/14$

Left: -716.794 ± 153.859 $\chi^2/\text{NDF}: 60.8/30$

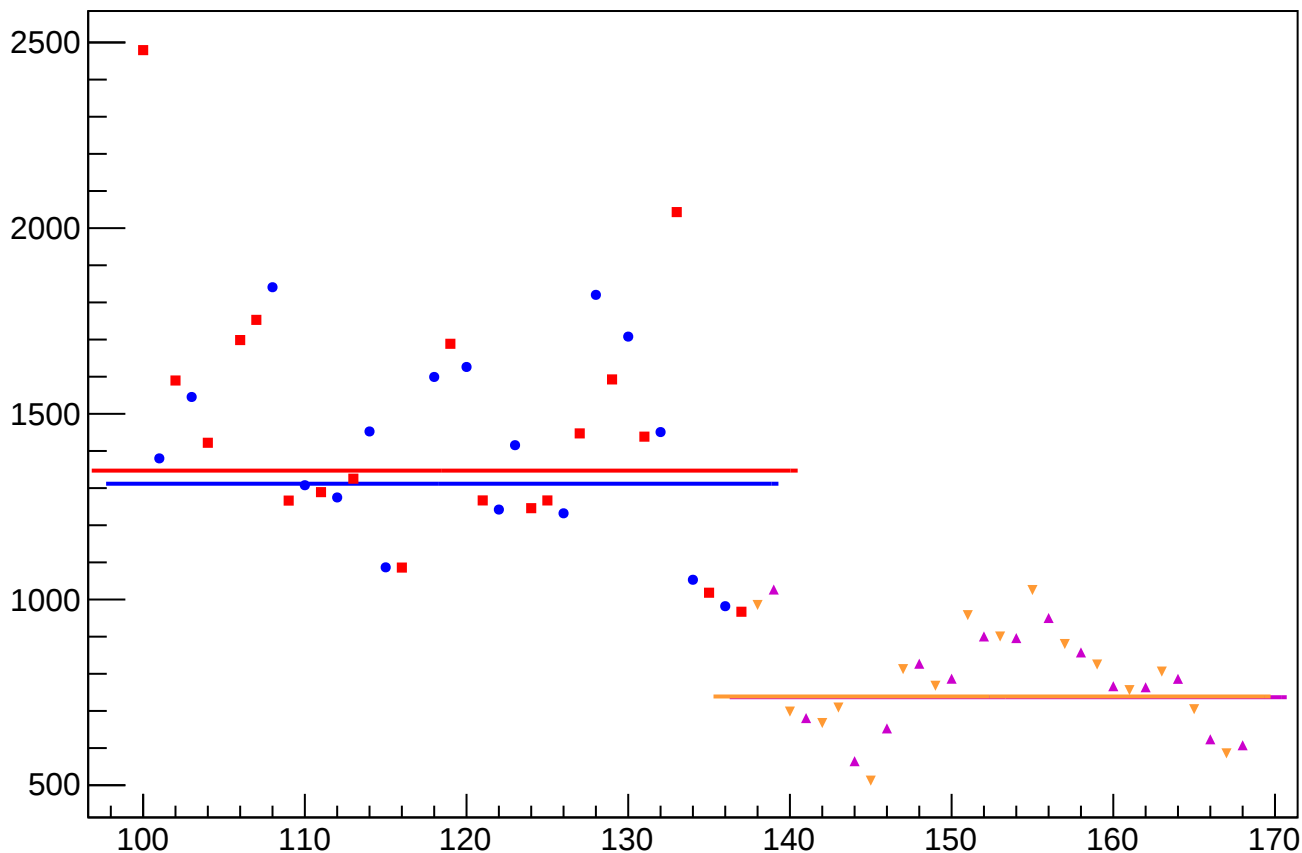
Right: 95.874 ± 365.890 $\chi^2/\text{NDF}: 36.8/35$

In: -101.302 ± 201.080 $\chi^2/\text{NDF}: 34.2/31$

Out: -1083.170 ± 200.079 $\chi^2/\text{NDF}: 55.6/34$

All: -594.685 ± 141.830 $\chi^2/\text{NDF}: 101.7/66$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 738.891+/-0.154 χ^2/NDF : 858690.0/15

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 736.930+/-0.154 χ^2/NDF : 686932.0/14

Left: 737.915+/-0.109 χ^2/NDF : 1545703.2/30

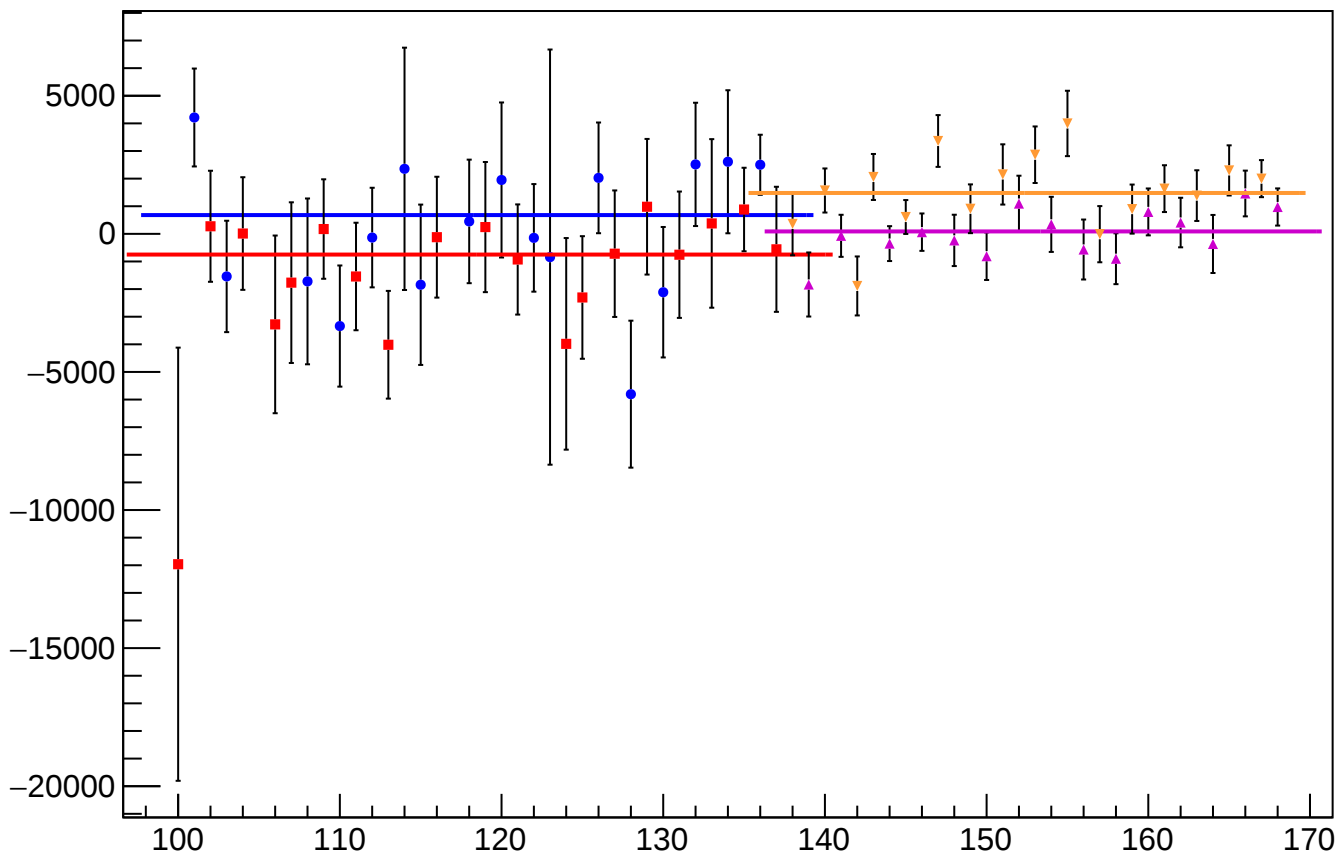
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 823.139+/-0.142 χ^2/NDF : 3283372.4/31

Out: 830.457+/-0.141 χ^2/NDF : 3712715.0/34

All: 826.817+/-0.100 χ^2/NDF : 6997418.5/66

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1480.514+/-220.899 χ^2/NDF :28.6/15

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: 87.780+/-218.845 χ^2/NDF :12.6/14

Left: 777.641+/-155.468 χ^2/NDF : 61.2/30

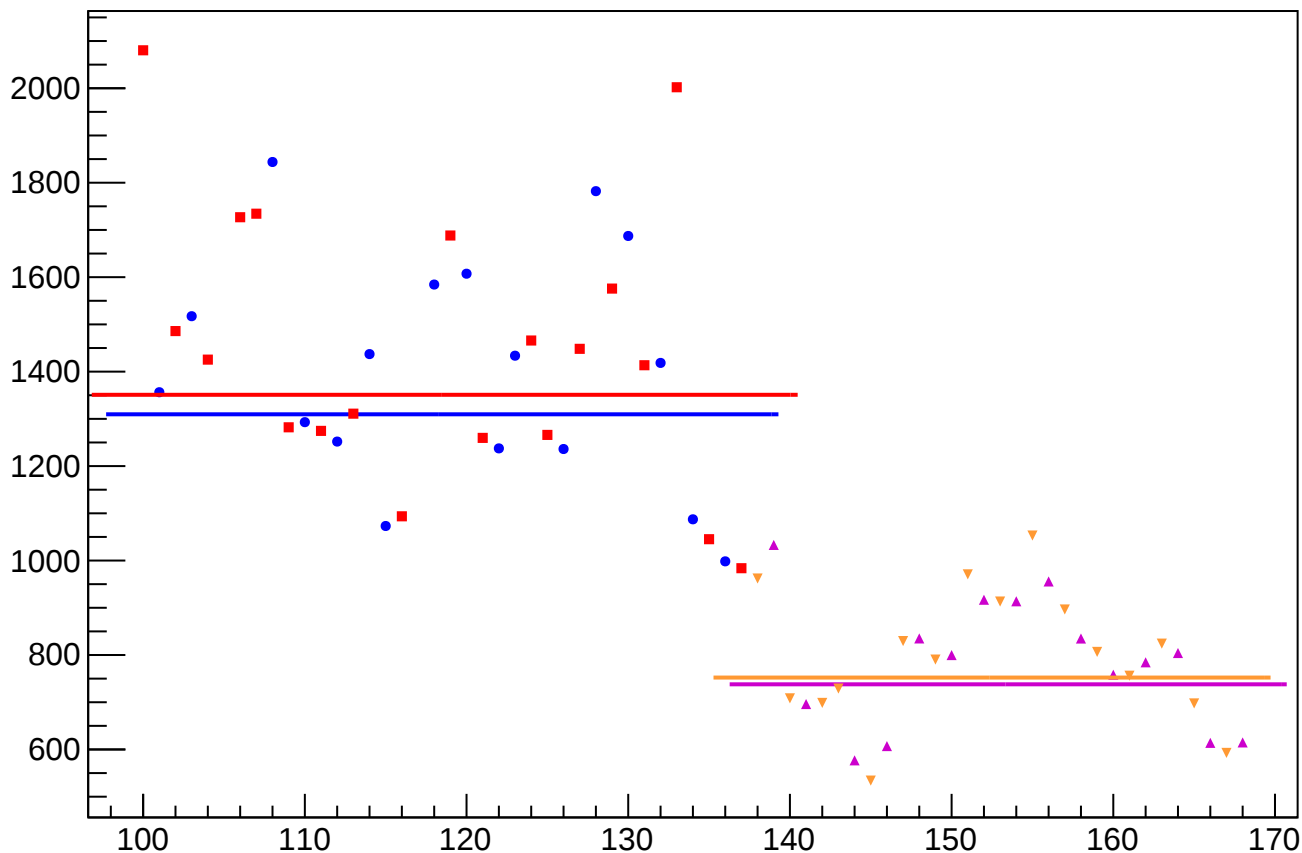
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 177.609+/-201.563 χ^2/NDF :36.2/31

Out: 1135.311+/-203.085 χ^2/NDF :54.1/34

All: 652.858+/-143.062 χ^2/NDF : 101.5/66

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 752.251+/-0.156 χ^2/NDF : 789933.3/15

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 737.949+/-0.155 χ^2/NDF : 726226.0/14

Left: 745.033+/-0.110 χ^2/NDF : 1520390.3/30

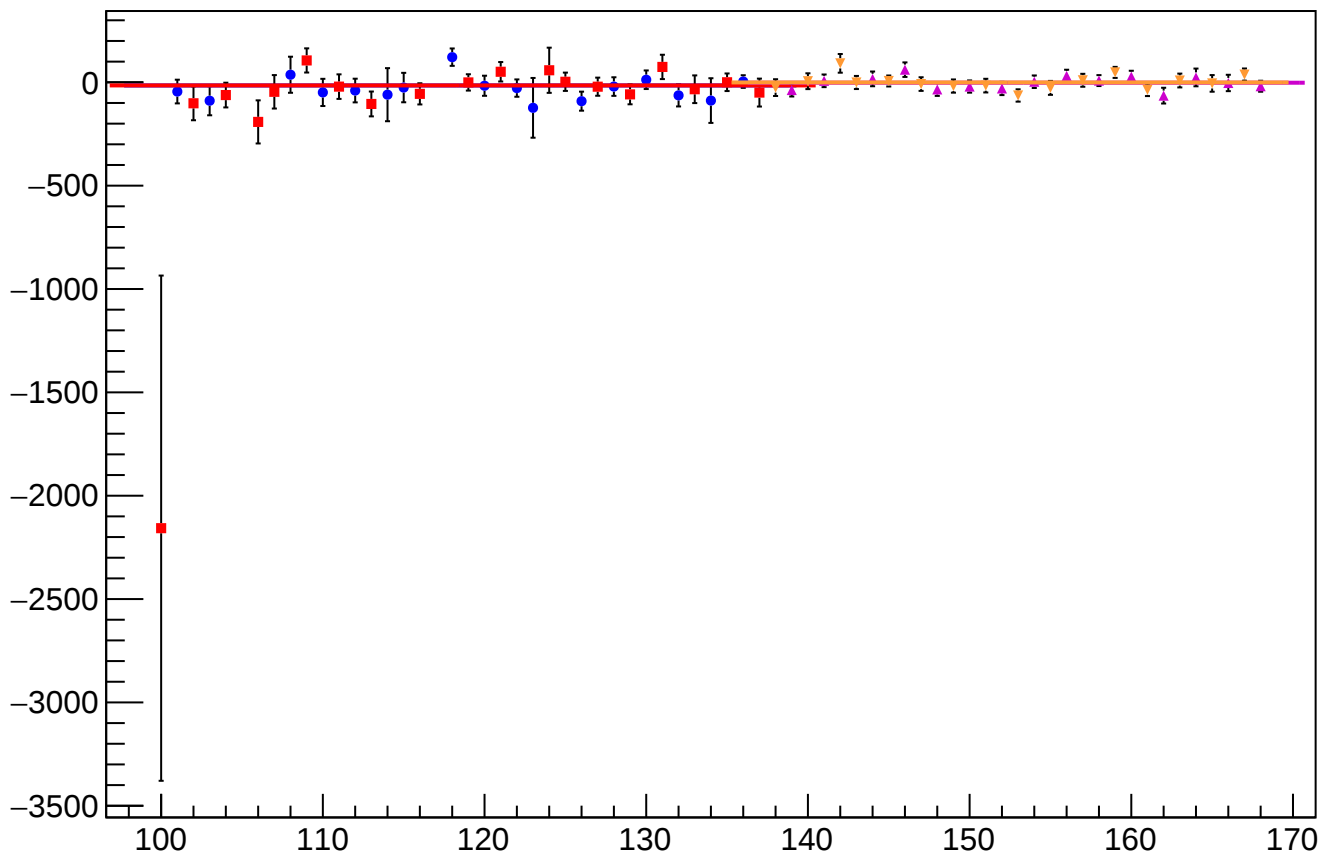
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 824.677+/-0.143 χ^2/NDF : 3256110.2/31

Out: 844.918+/-0.144 χ^2/NDF : 3486559.9/34

All: 834.721+/-0.101 χ^2/NDF : 6752678.6/66

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -0.652 ± 8.117 χ^2/NDF : 16.8/15

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -2.047 ± 8.166 χ^2/NDF : 13.0/14

Left: -1.345 ± 5.757 χ^2/NDF : 29.9/30

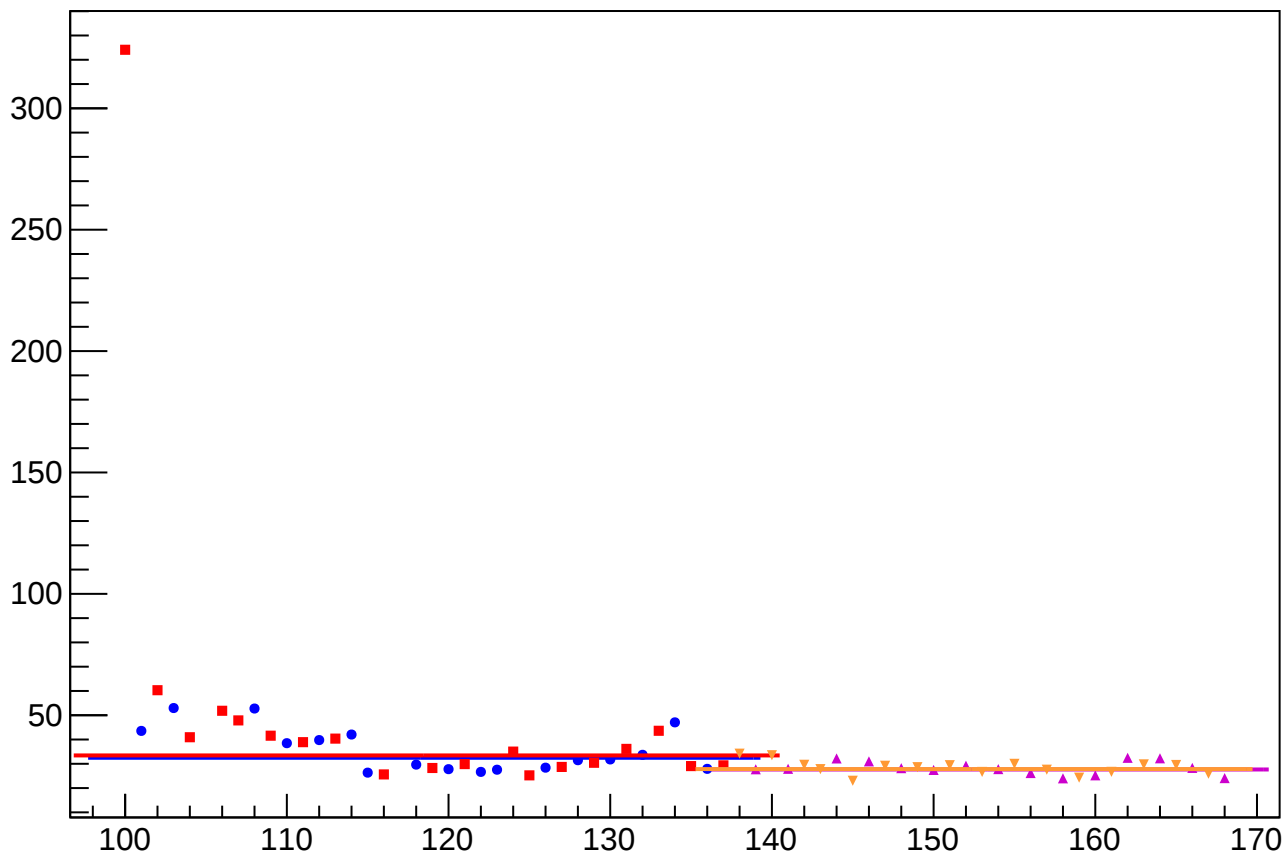
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -5.830 ± 6.901 χ^2/NDF : 32.1/31

Out: -4.657 ± 6.899 χ^2/NDF : 39.0/34

All: -5.243 ± 4.879 χ^2/NDF : 71.1/66

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: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 27.657+/-0.006 χ^2/NDF : 204878.9/14

Left: 27.740+/-0.004 χ^2/NDF : 444652.5/30

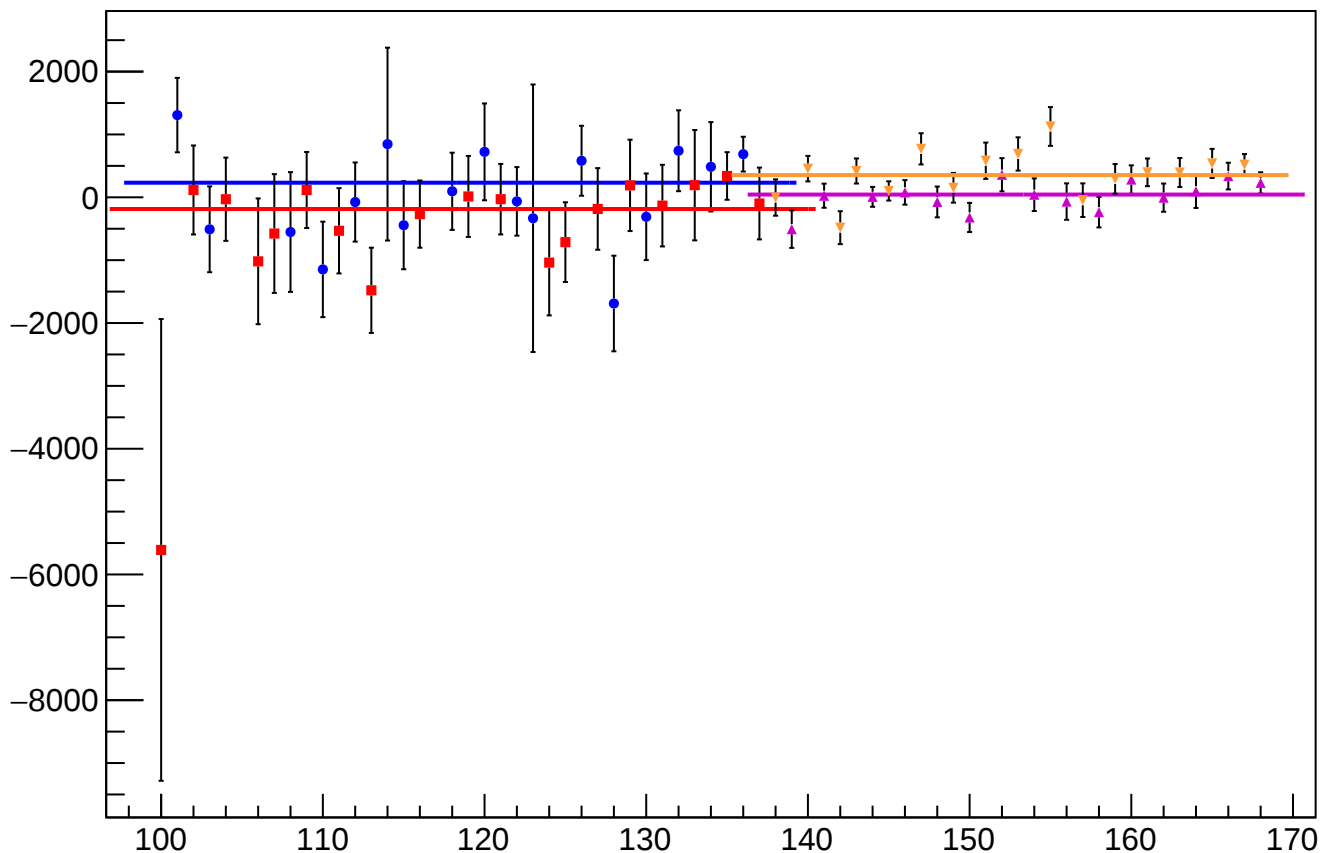
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 29.038+/-0.005 χ^2/NDF : 999551.9/31

Out: 29.383+/-0.005 χ^2/NDF : 1343944.4/34

All: 29.211+/-0.003 χ^2/NDF : 2345991.8/66

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2/NDF : 21.5/16

Left Out: 353.506 $\pm$ 56.370 χ^2/NDF :30.8/15

Right Out: -186.198 $\pm$ -149.878 χ^2/NDF : 11.8/18

Left In: 43.601 $\pm$ -56.885 χ^2/NDF :13.4/14

Left: 199.964 $\pm$ -40.040 χ^2/NDF : 59.2/30

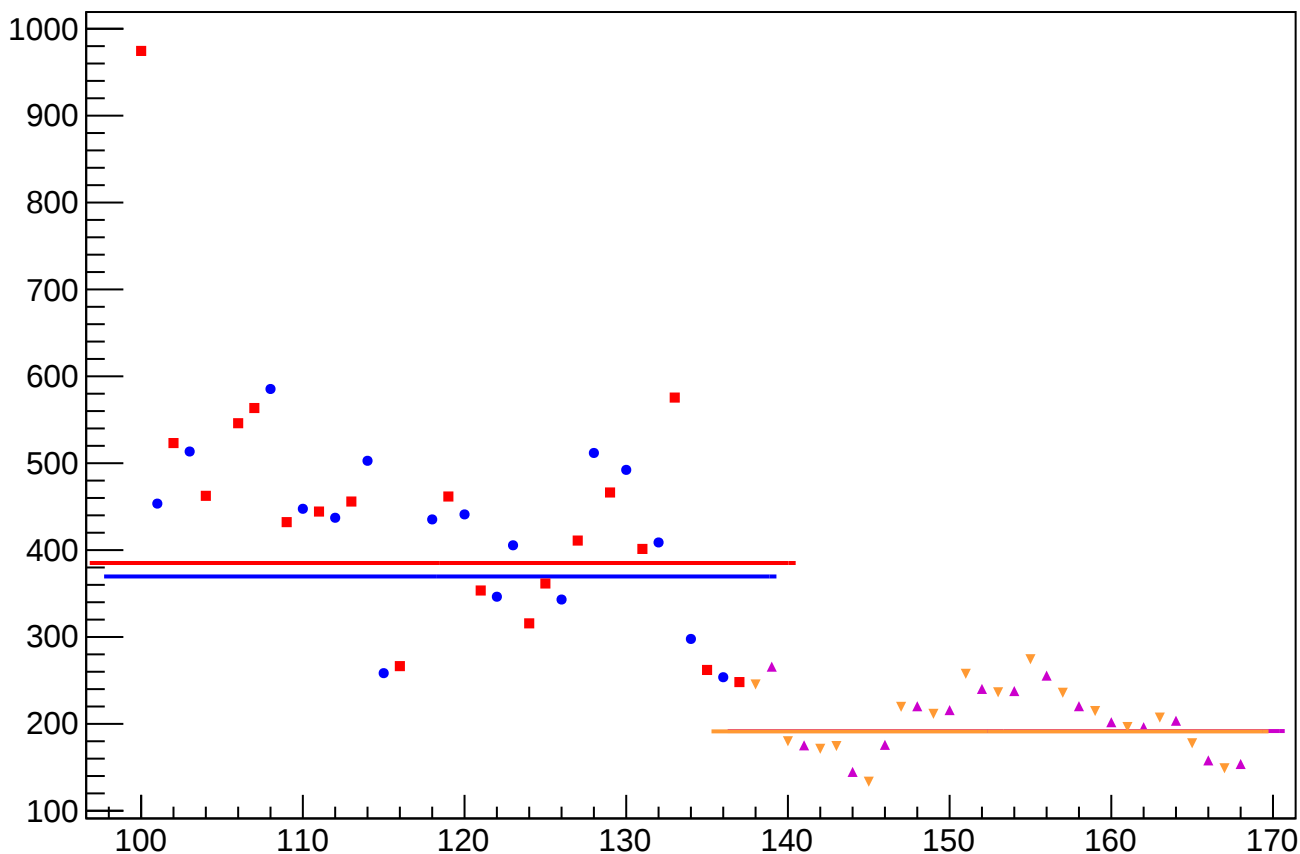
Right: 24.849 $\pm$ -105.528 χ^2/NDF : 37.2/35

In: 67.721 $\pm$ -53.126 χ^2/NDF :36.3/31

Out: 286.623 $\pm$ -52.762 χ^2/NDF :54.0/34

All: 177.925 $\pm$ -37.436 χ^2/NDF : 98.8/66

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: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 191.755+/-0.040 χ^2/NDF : 792744.2/14

Left: 191.561+/-0.028 χ^2/NDF : 1747959.8/30

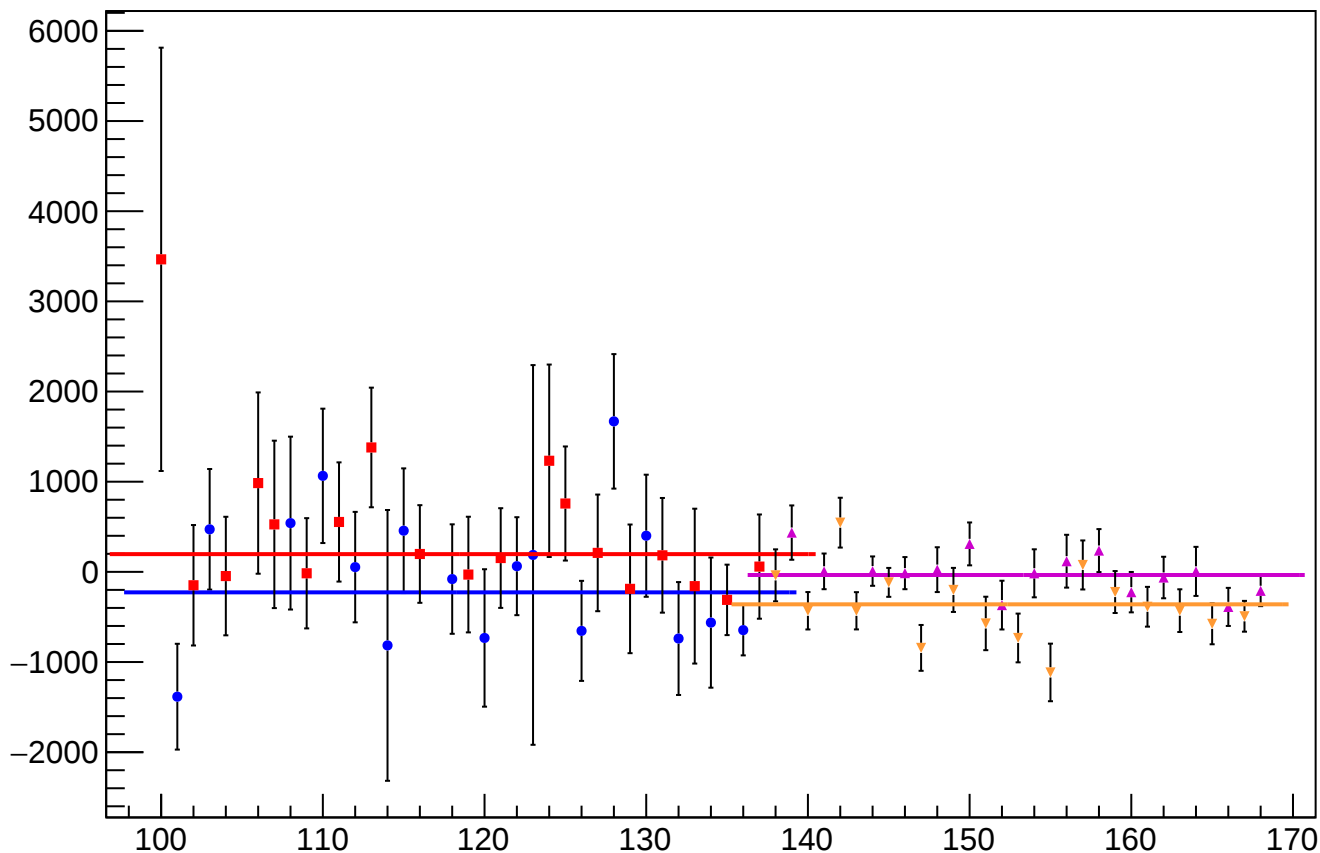
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 214.491+/-0.038 χ^2/NDF : 4195229.4/31

Out: 215.385+/-0.037 χ^2/NDF : 4810808.4/34

All: 214.941+/-0.026 χ^2/NDF : 9006323.3/66

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -359.999 ± 57.560 χ^2/NDF : 31.1/15

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: -34.773 ± 57.165 χ^2/NDF : 12.4/14

Left: -196.266 ± 40.561 χ^2/NDF : 59.6/30

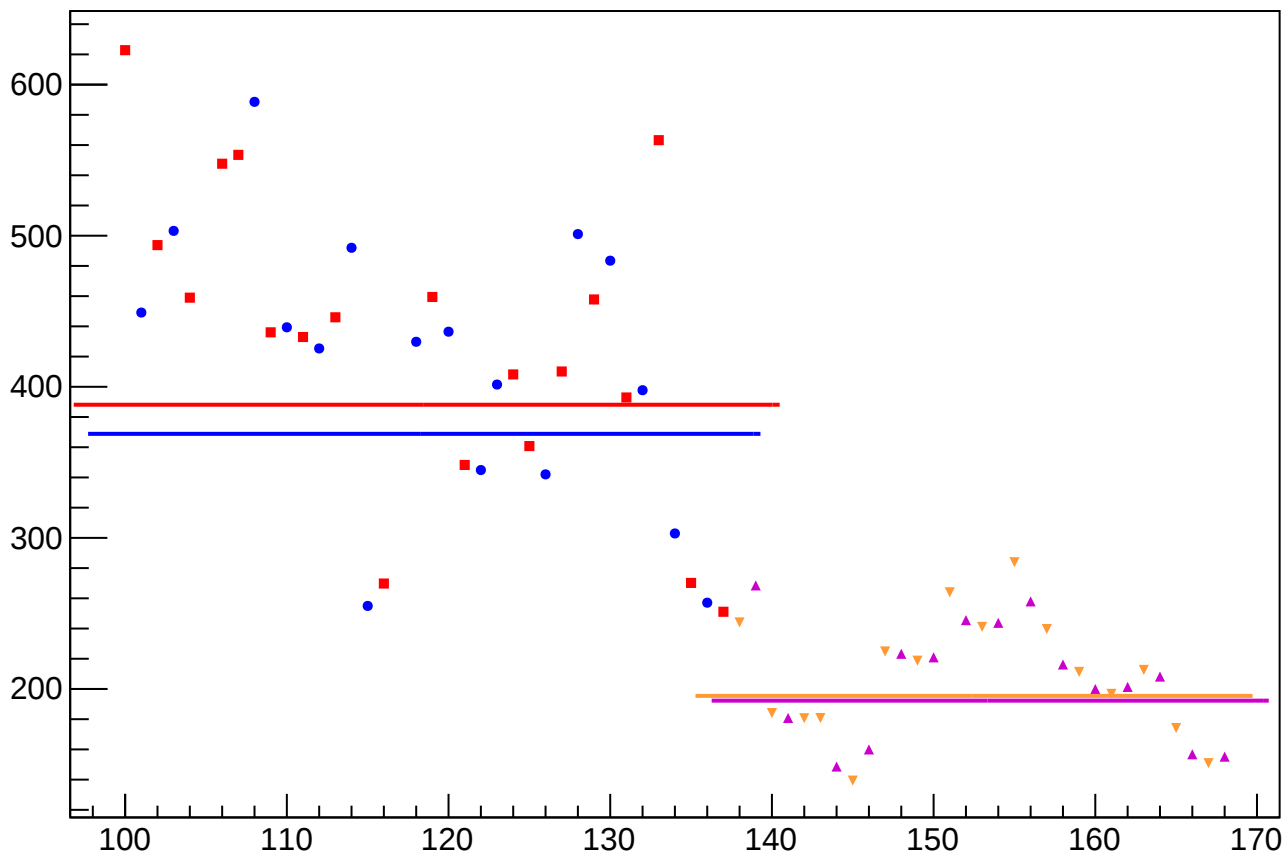
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -59.787 ± 53.322 χ^2/NDF : 35.8/31

Out: -288.687 ± 53.748 χ^2/NDF : 53.8/34

All: -173.327 ± 37.854 χ^2/NDF : 98.7/66

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 195.439 $\pm$ 0.041 χ^2 /NDF: 912206.4/15

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 192.274 $\pm$ 0.040 χ^2 /NDF: 841298.6/14

Left: 193.845 $\pm$ 0.029 χ^2 /NDF: 1756548.8/30

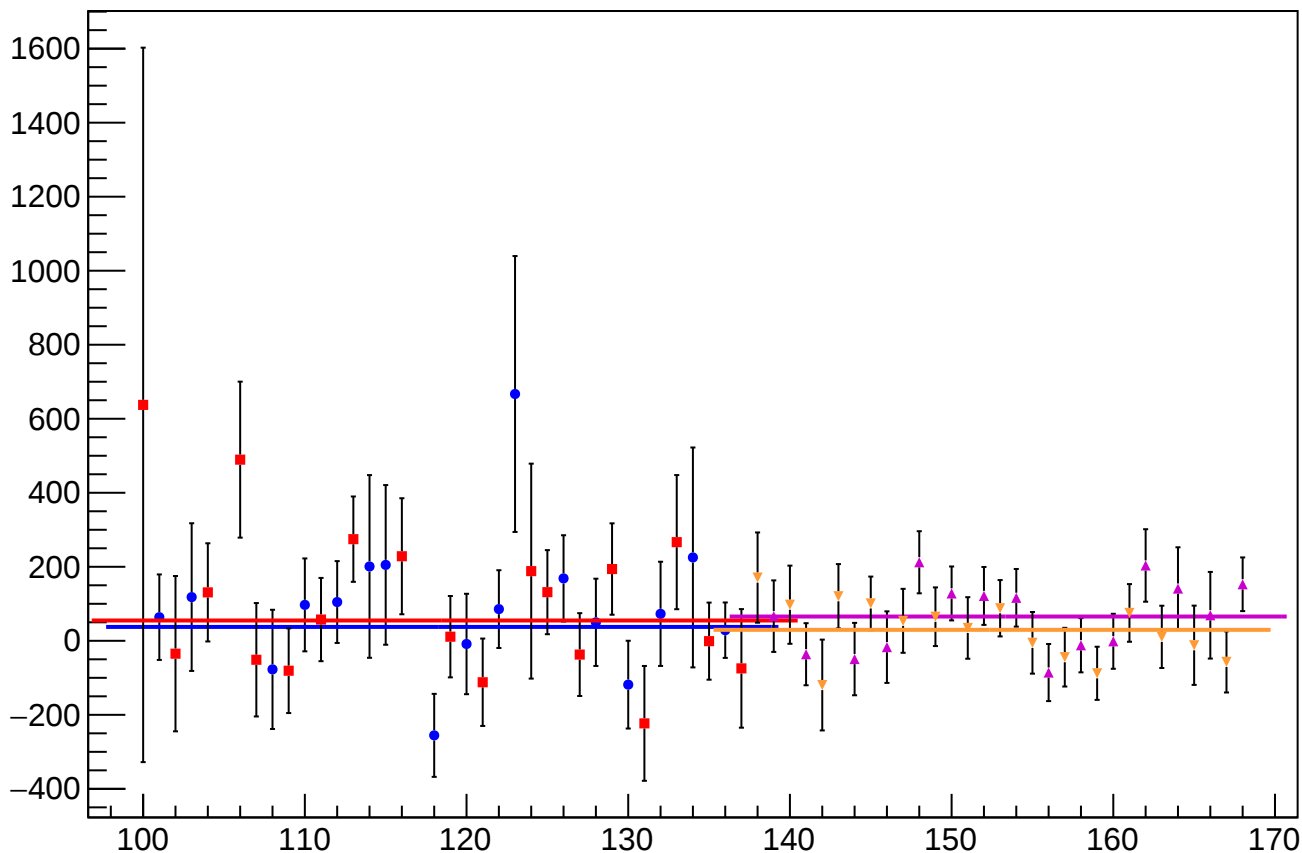
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 215.220 $\pm$ 0.038 χ^2 /NDF: 4150960.7/31

Out: 220.120 $\pm$ 0.038 χ^2 /NDF: 4561235.4/34

All: 217.650 $\pm$ 0.027 χ^2 /NDF: 8720573.1/66

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 29.649+/-21.350 χ^2/NDF : 11.5/15

Right Out: 54.894+/-31.473 χ^2/NDF : 22.2/18

Left In: 65.600+/-21.807 χ^2/NDF : 18.0/14

Left: 47.243+/-15.256 χ^2/NDF : 30.9/30

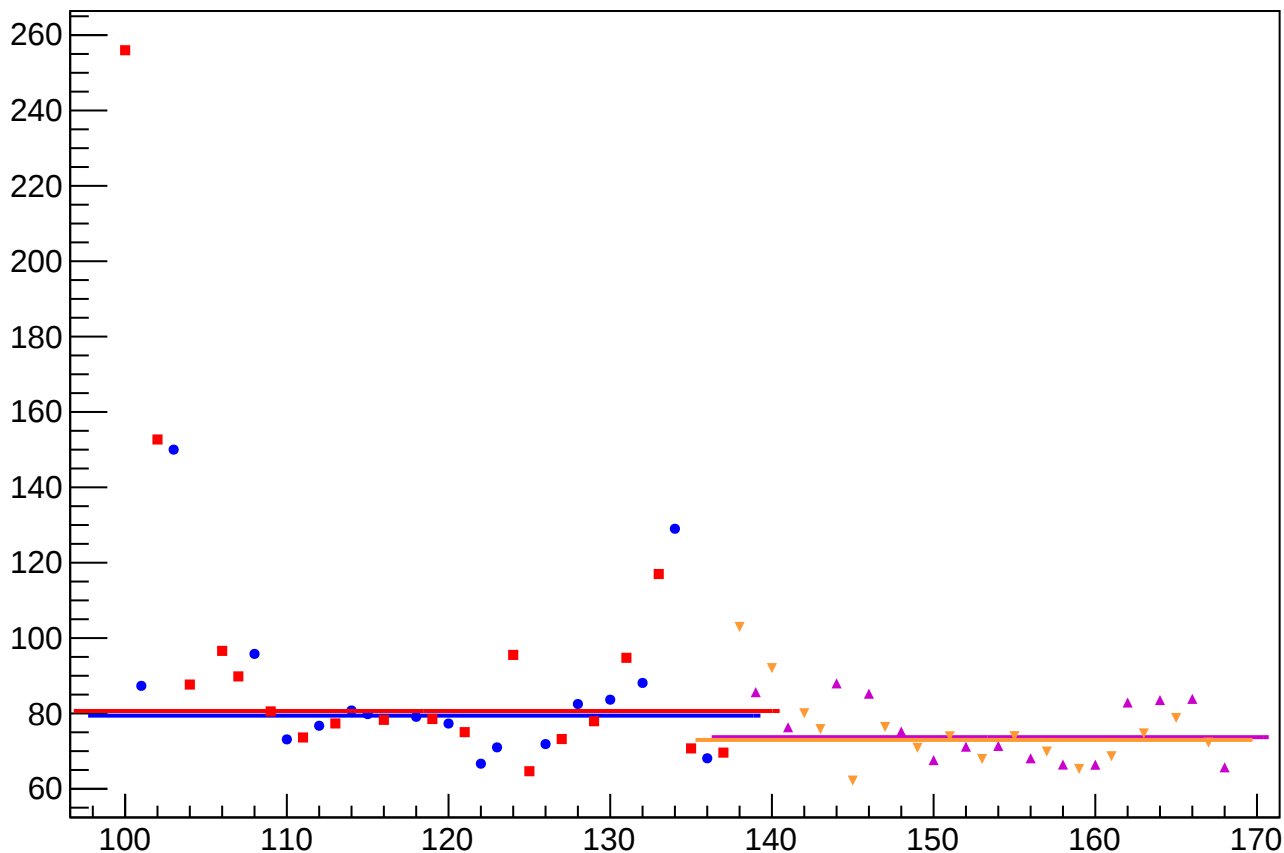
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 56.492+/-17.923 χ^2/NDF : 34.4/31

Out: 37.605+/-17.668 χ^2/NDF : 34.1/34

All: 46.913+/-12.582 χ^2/NDF : 69.1/66

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 72.976+/-0.015 χ^2/NDF : 292439.3/15

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 73.707+/-0.015 χ^2/NDF : 244304.2/14

Left: 73.334+/-0.011 χ^2/NDF : 537888.3/30

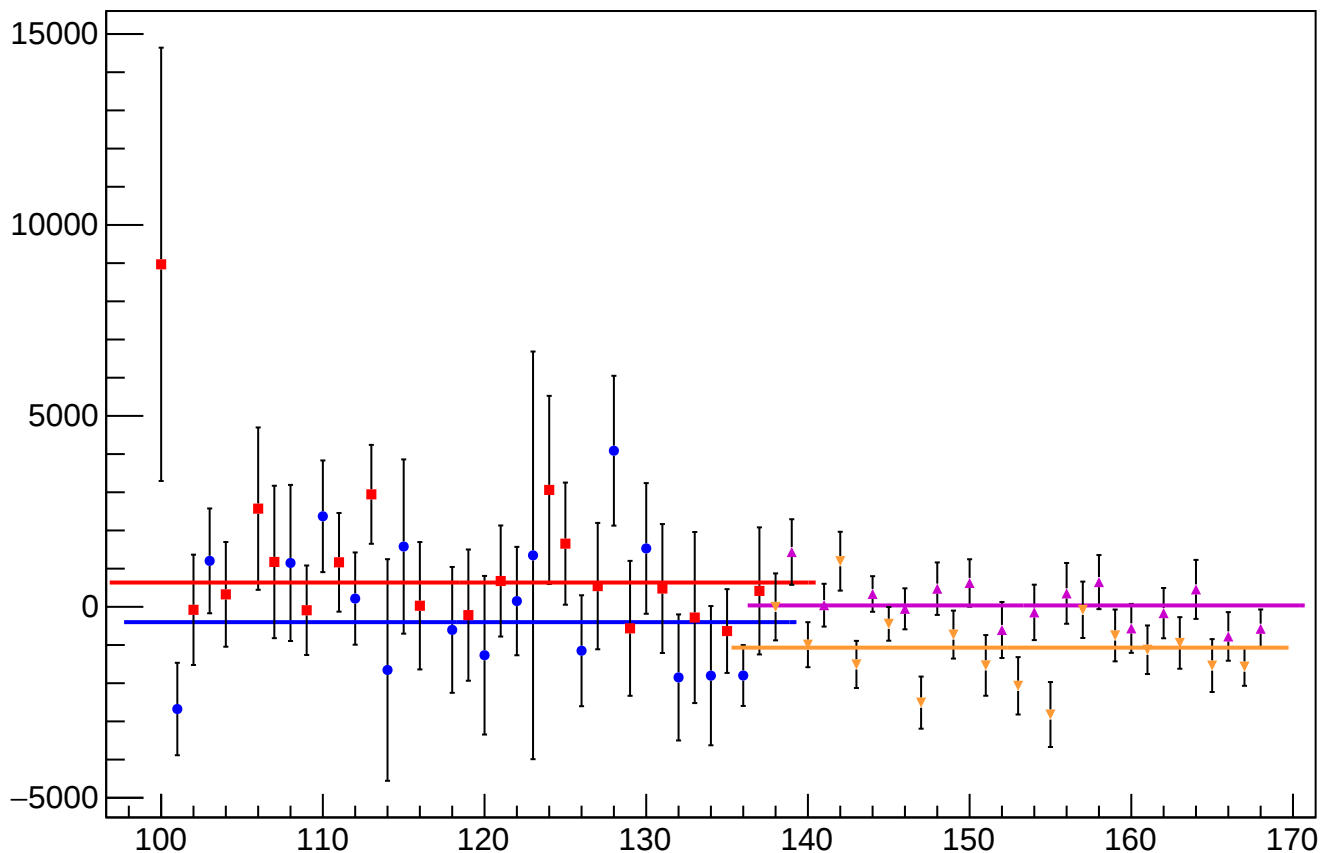
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 75.561+/-0.013 χ^2/NDF : 727927.3/31

Out: 75.395+/-0.012 χ^2/NDF : 894346.1/34

All: 75.477+/-0.009 χ^2/NDF : 1622360.4/66

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: 636.133 ± 362.923 $\chi^2/\text{NDF}: 10.8/18$

Left In: 36.514 ± 163.378 $\chi^2/\text{NDF}: 10.5/14$

Left: -518.103 ± 115.308 $\chi^2/\text{NDF}: 60.7/30$

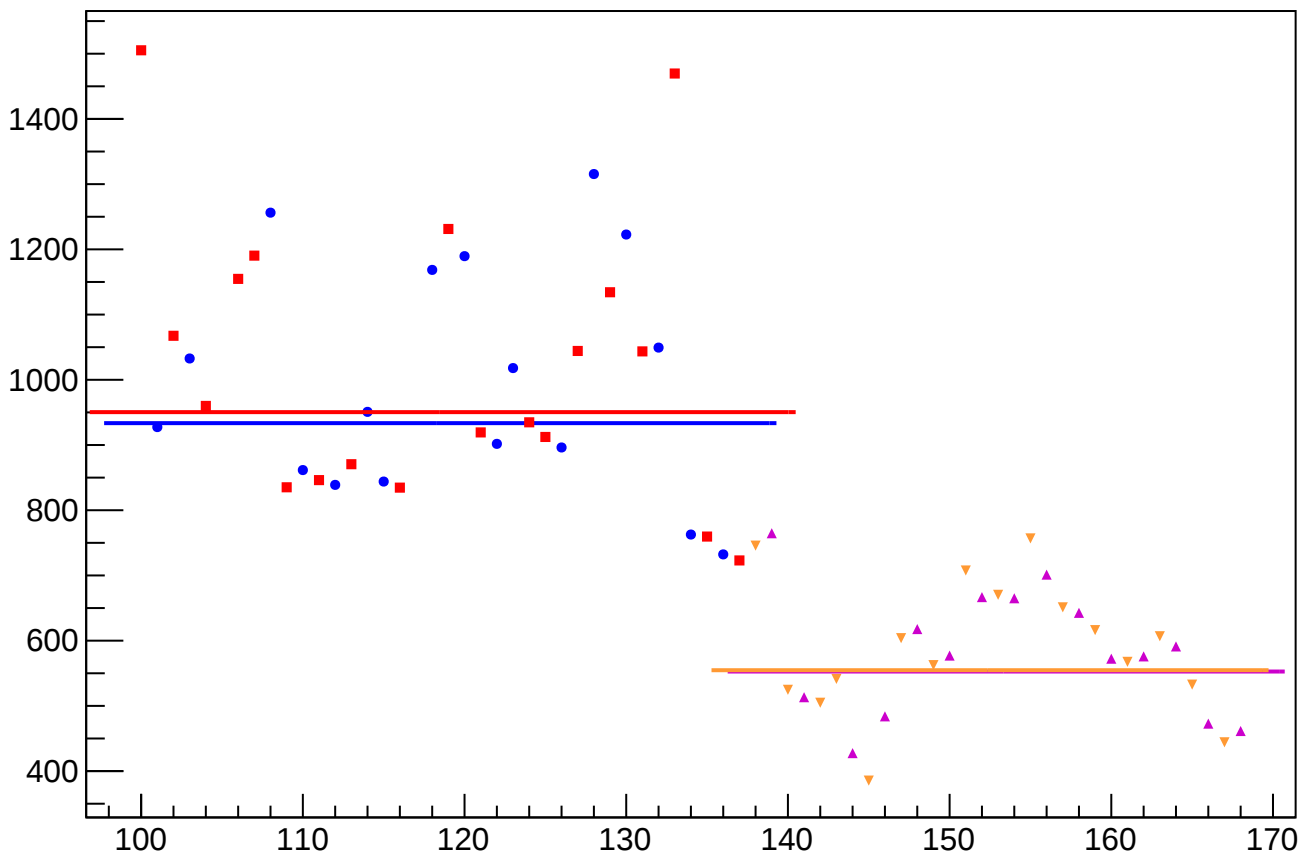
Right: 125.423 ± 258.567 $\chi^2/\text{NDF}: 36.8/35$

In: -35.373 ± 149.355 $\chi^2/\text{NDF}: 33.6/31$

Out: -783.105 ± 148.513 $\chi^2/\text{NDF}: 56.4/34$

All: -411.353 ± 105.311 $\chi^2/\text{NDF}: 102.6/66$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 $\chi^2/\text{NDF}: 442321.9/16$

Left Out: 554.681 ± 0.115 $\chi^2/\text{NDF}: 810419.4/15$

Right Out: 950.411 ± 0.257 $\chi^2/\text{NDF}: 424360.9/18$

Left In: 552.681 ± 0.116 $\chi^2/\text{NDF}: 634157.2/14$

Left: 553.685 ± 0.082 $\chi^2/\text{NDF}: 1444727.1/30$

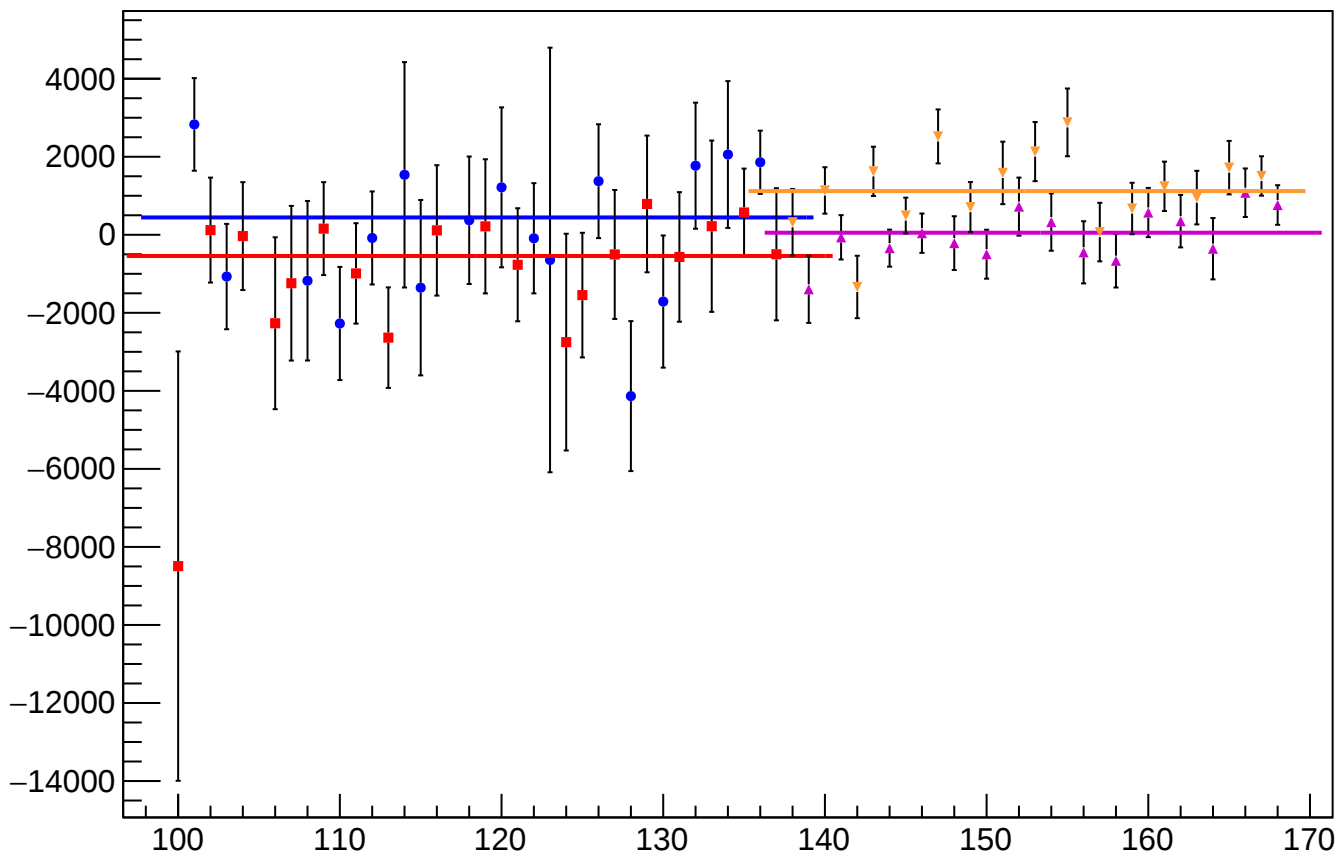
Right: 942.099 ± 0.183 $\chi^2/\text{NDF}: 868813.4/35$

In: 615.251 ± 0.106 $\chi^2/\text{NDF}: 2861998.9/31$

Out: 620.949 ± 0.105 $\chi^2/\text{NDF}: 3214510.5/34$

All: 618.116 ± 0.074 $\chi^2/\text{NDF}: 6077973.1/66$

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: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: 53.315+/-163.036 χ^2/NDF : 12.7/14

Left: 581.761+/-115.836 χ^2/NDF : 61.4/30

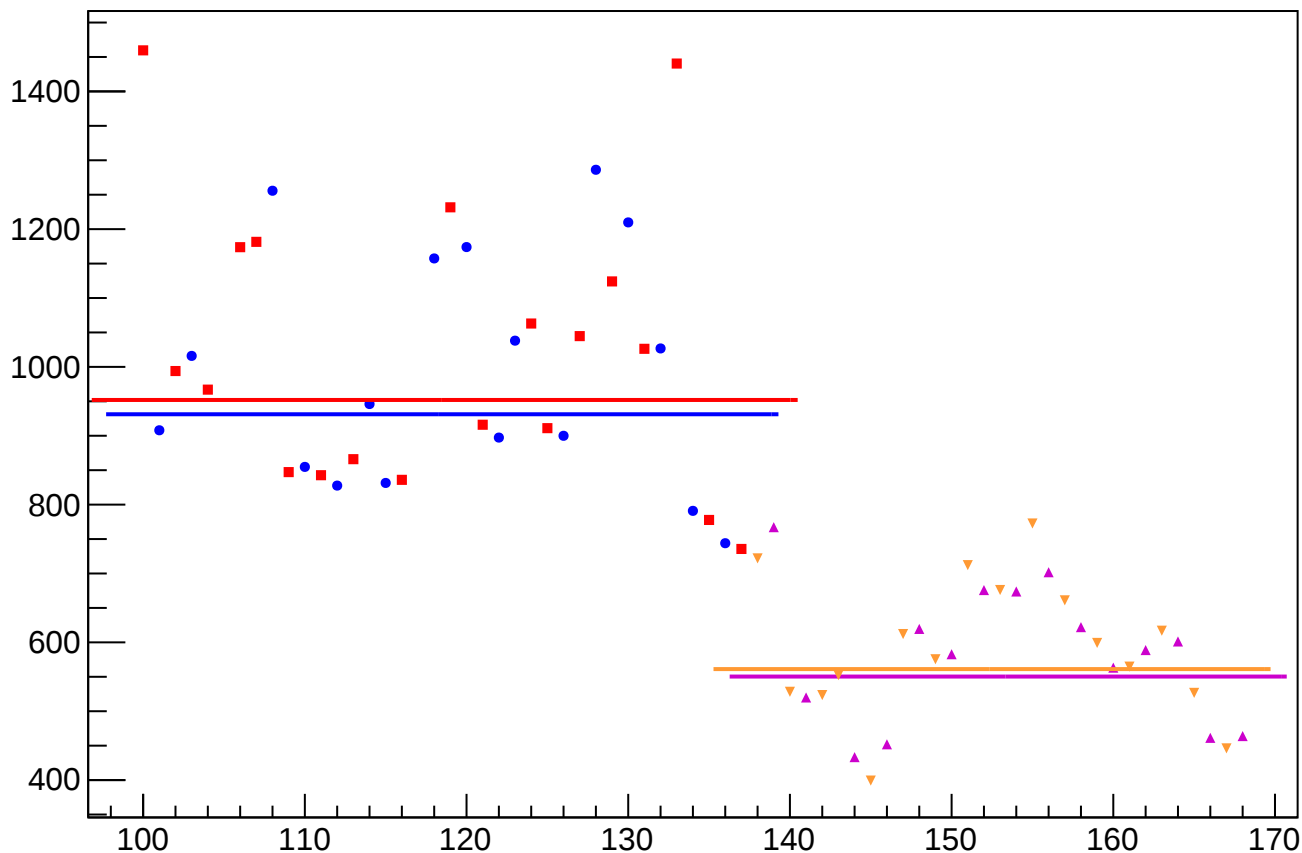
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 117.790+/-149.002 χ^2/NDF : 36.6/31

Out: 837.136+/-149.937 χ^2/NDF : 54.2/34

All: 475.214+/-105.689 χ^2/NDF : 102.4/66

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 561.186 $\pm$ 0.116 χ^2 /NDF: 743125.1/15

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 550.346 $\pm$ 0.115 χ^2 /NDF: 677914.0/14

Left: 555.714 $\pm$ 0.082 χ^2 /NDF: 1425416.6/30

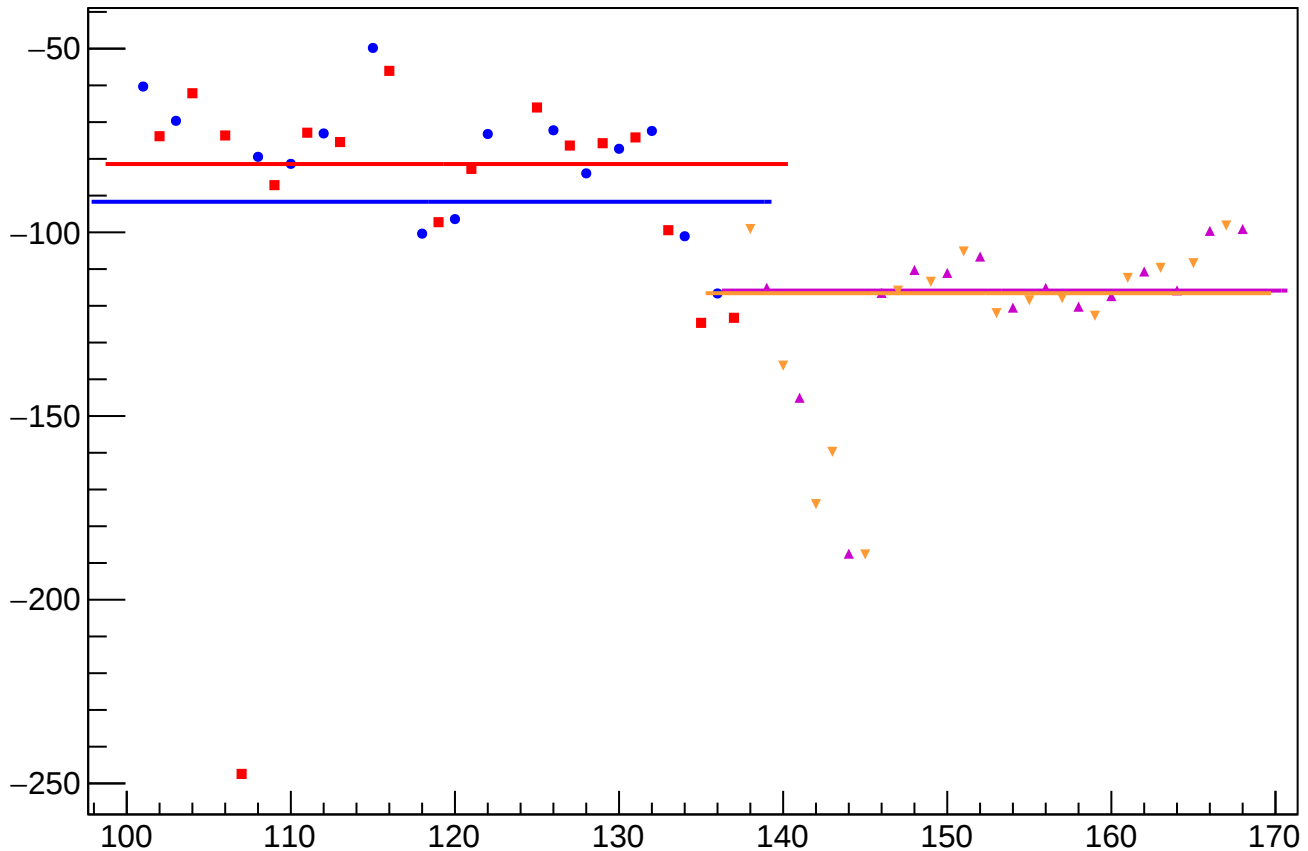
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 613.092 $\pm$ 0.105 χ^2 /NDF: 2876214.4/31

Out: 627.740 $\pm$ 0.106 χ^2 /NDF: 3045467.3/34

All: 620.370 $\pm$ 0.075 χ^2 /NDF: 5931285.4/66

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

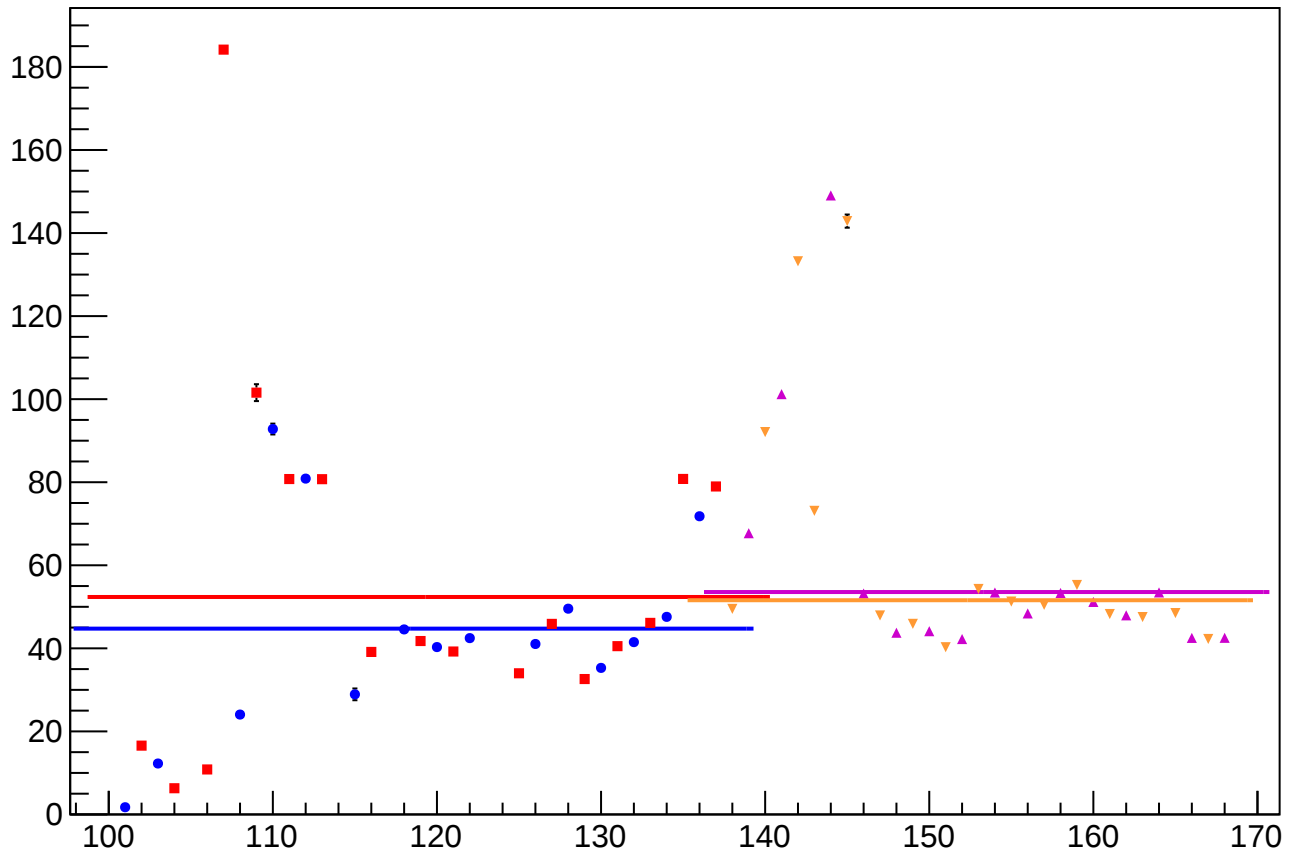
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

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 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 51.584 $\pm$ 0.057 χ^2/NDF :46078.3/15

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 53.558 $\pm$ 0.055 χ^2/NDF :120701.3/14

Left: 52.598 $\pm$ 0.040 χ^2/NDF : 167402.3/30

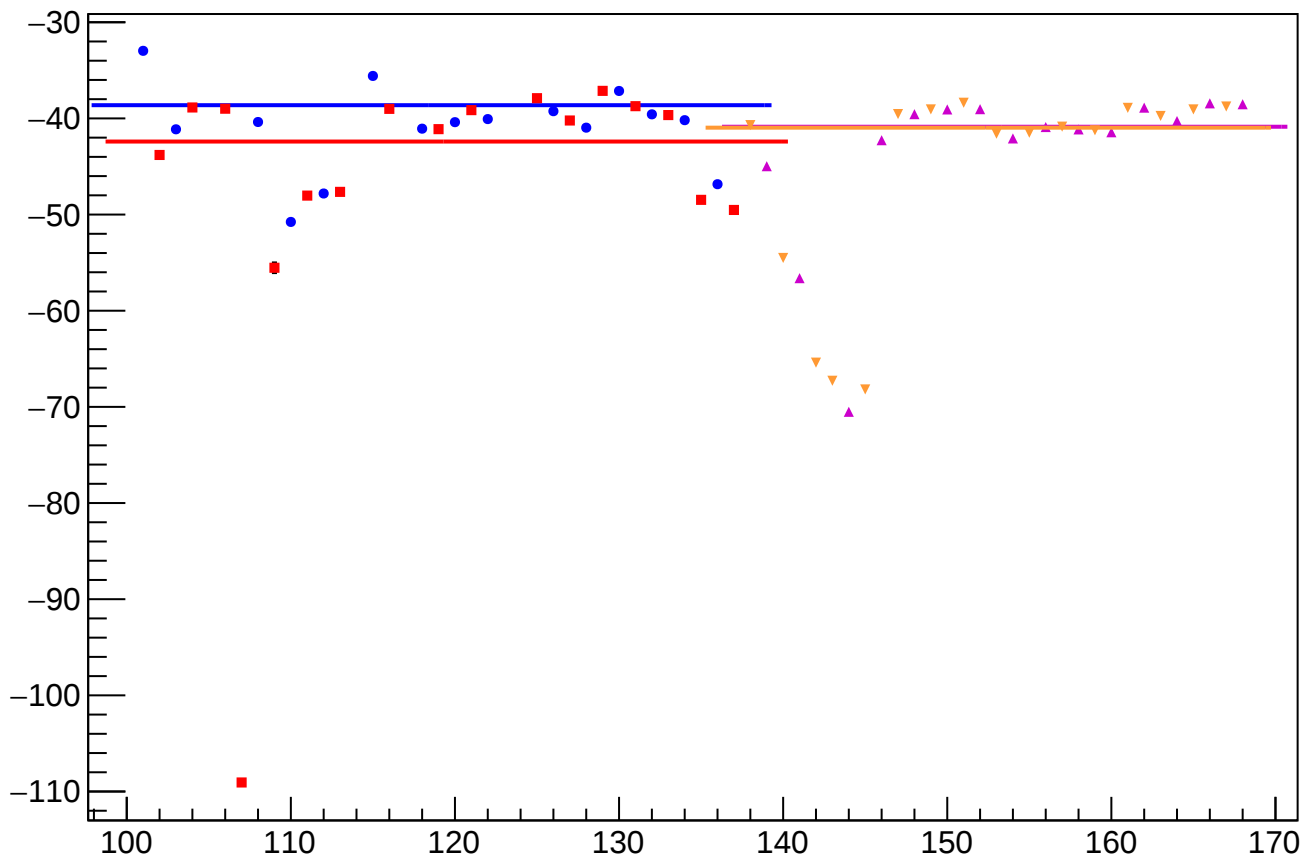
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 49.562 $\pm$ 0.041 χ^2/NDF :216971.6/29

Out: 51.743 $\pm$ 0.051 χ^2/NDF :115402.0/32

All: 50.420 $\pm$ 0.032 χ^2/NDF : 333498.4/62

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.963 ± 0.008 χ^2/NDF : 196945.6/15

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -40.866 ± 0.009 χ^2/NDF : 154985.5/14

Left: -40.919 ± 0.006 χ^2/NDF : 351991.6/30

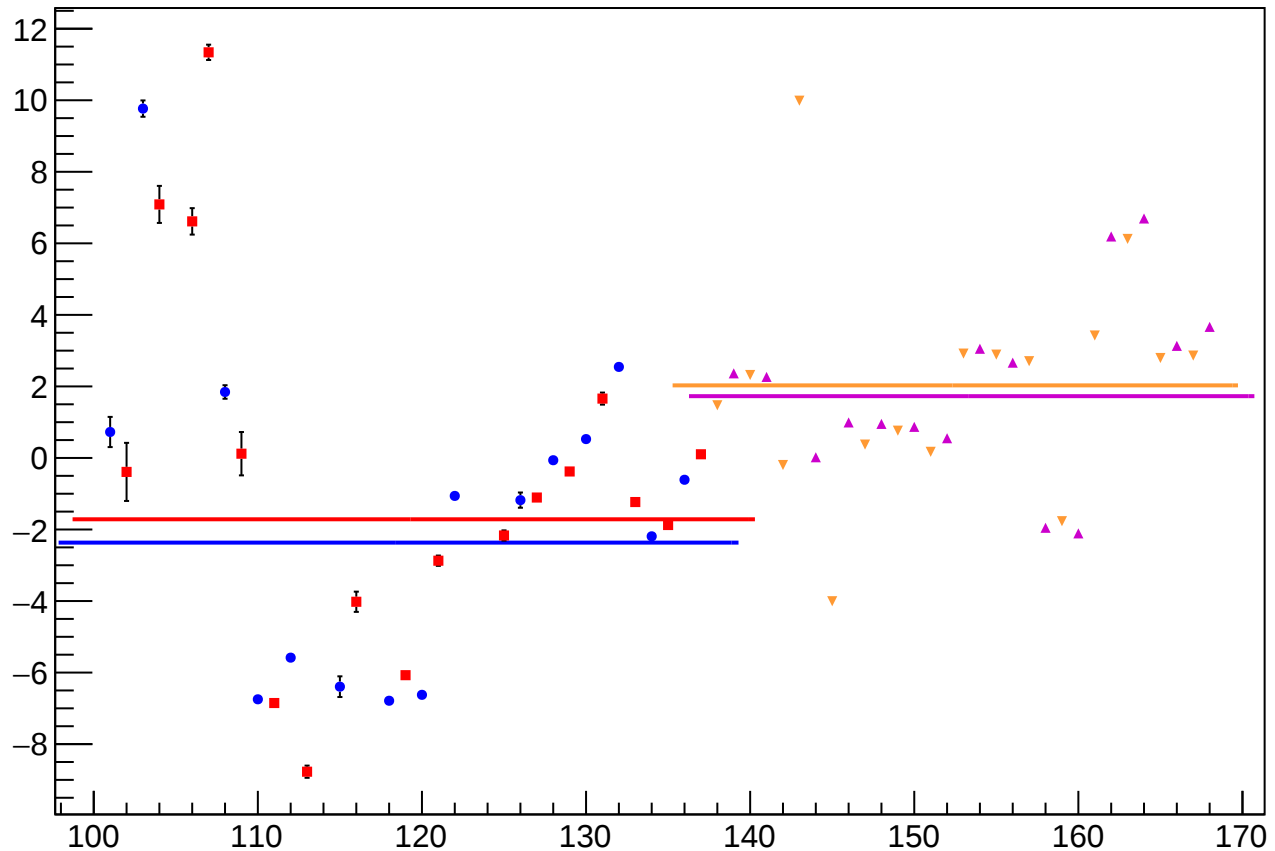
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.629 ± 0.006 χ^2/NDF : 427989.4/29

Out: -41.159 ± 0.008 χ^2/NDF : 470057.0/32

All: -40.211 ± 0.005 χ^2/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 $\chi^2/\text{NDF}: 154179.5/30$

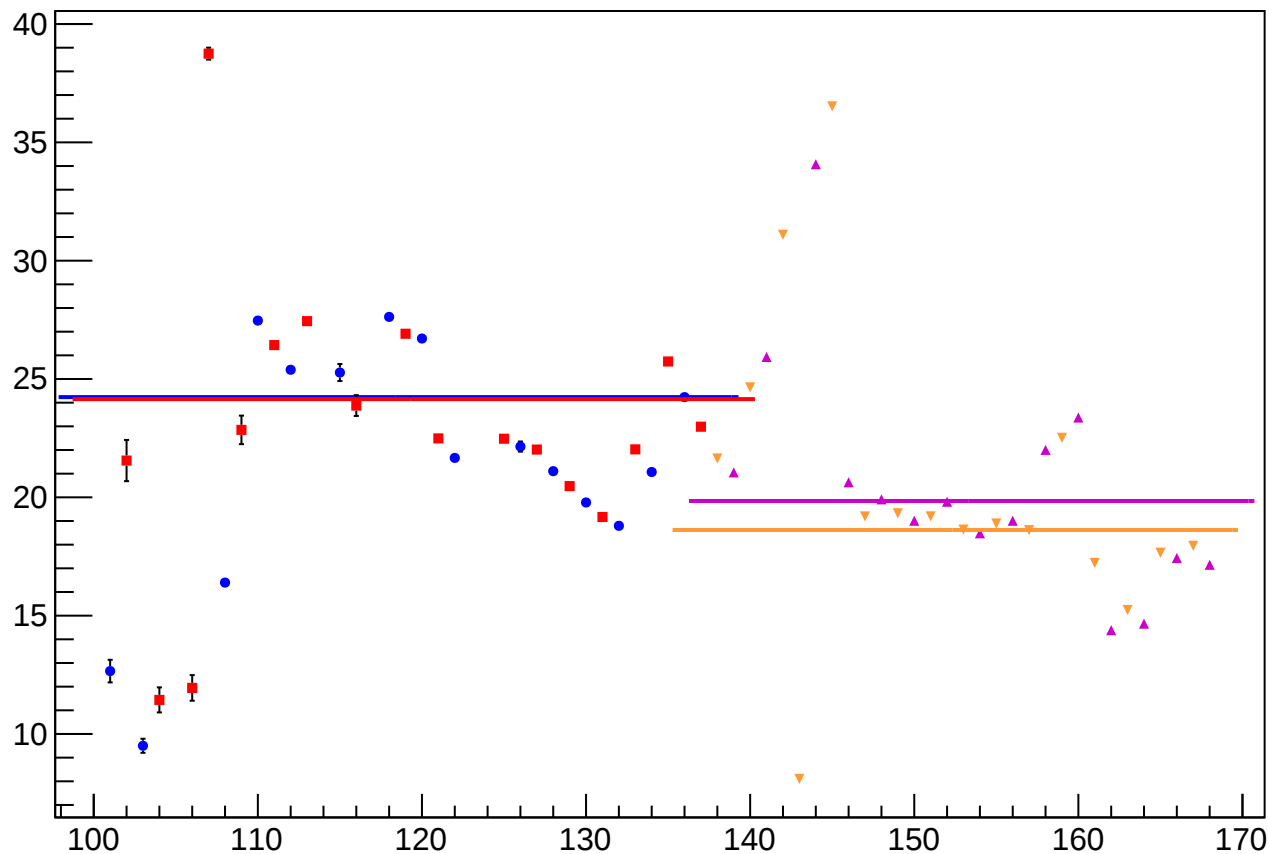
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

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

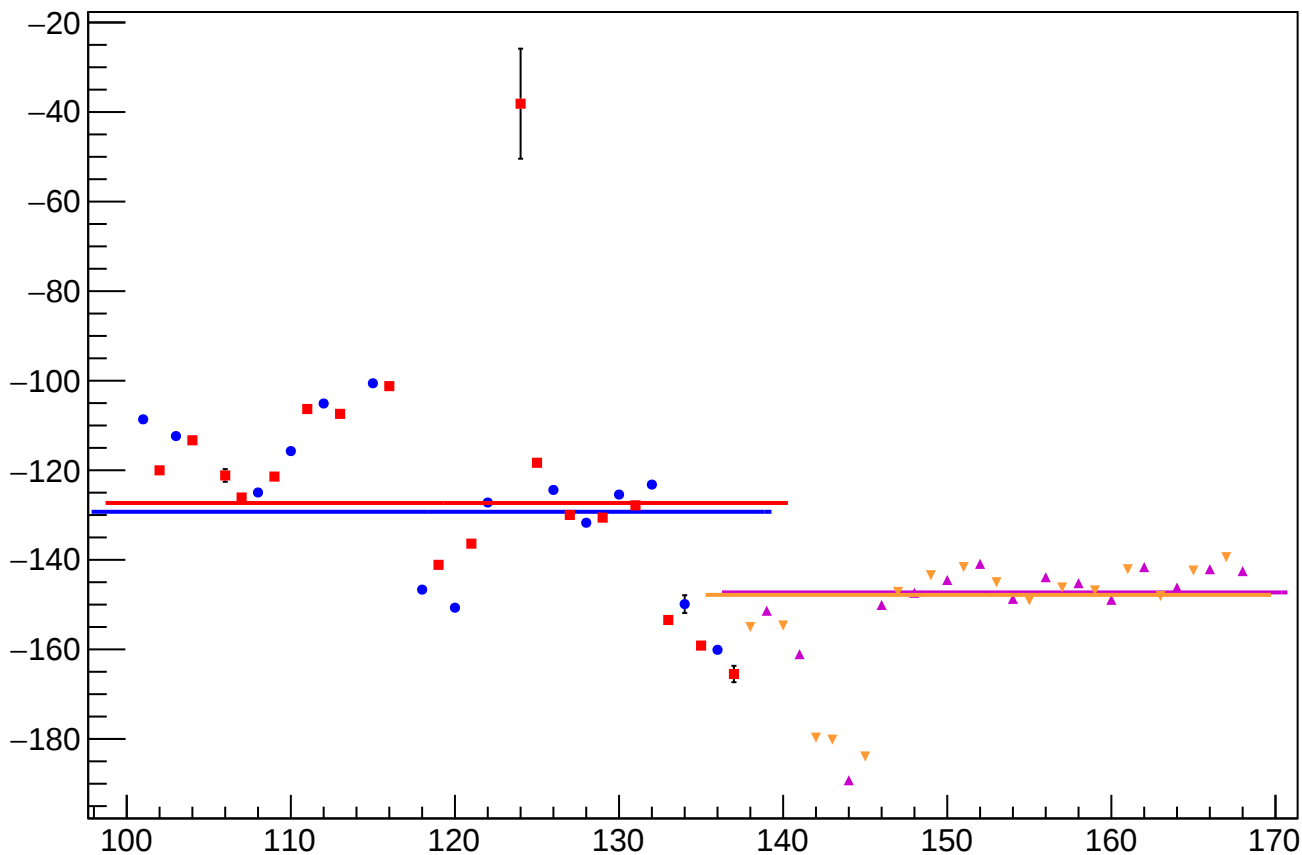
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

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 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -147.828 $\pm$ 0.056 χ^2 /NDF:32583.5/15

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -147.280 $\pm$ 0.055 χ^2 /NDF:23126.3/14

Left: -147.548 $\pm$ 0.039 χ^2 /NDF: 55757.8/30

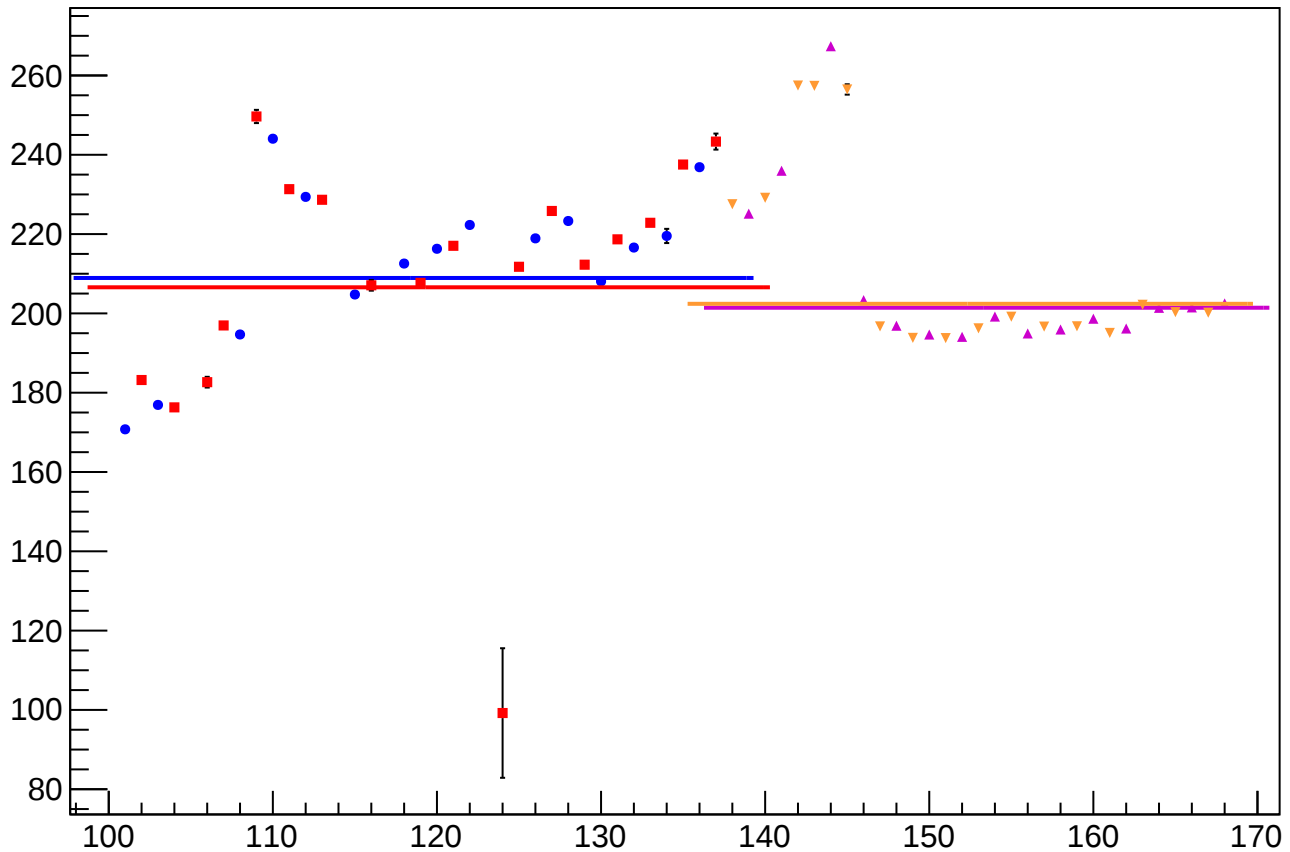
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -142.167 $\pm$ 0.047 χ^2 /NDF:88374.9/29

Out: -141.473 $\pm$ 0.047 χ^2 /NDF:103090.8/33

All: -141.821 $\pm$ 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

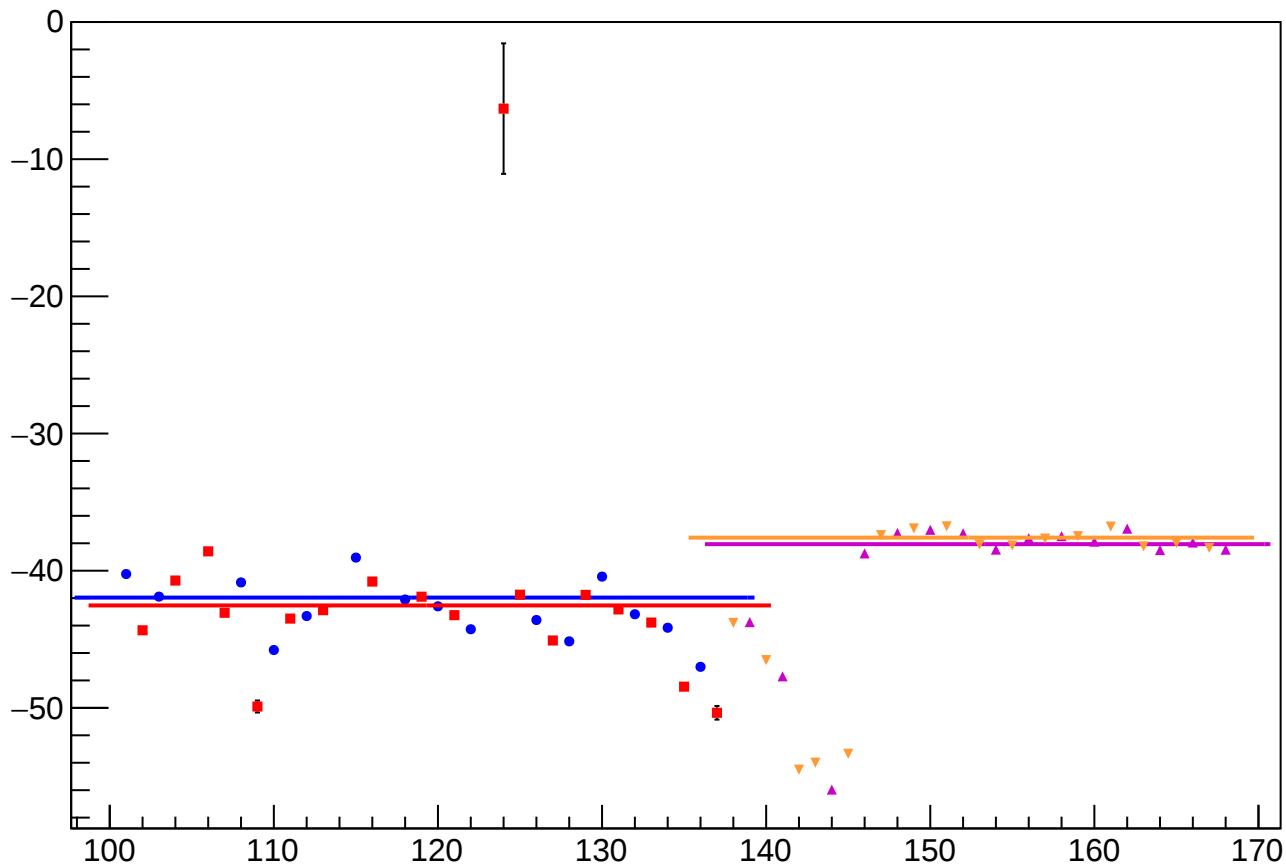
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

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 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.589 ± 0.004 $\chi^2/\text{NDF}: 221874.3/15$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.064 ± 0.005 $\chi^2/\text{NDF}: 133223.9/14$

Left: -37.803 ± 0.003 $\chi^2/\text{NDF}: 360127.7/30$

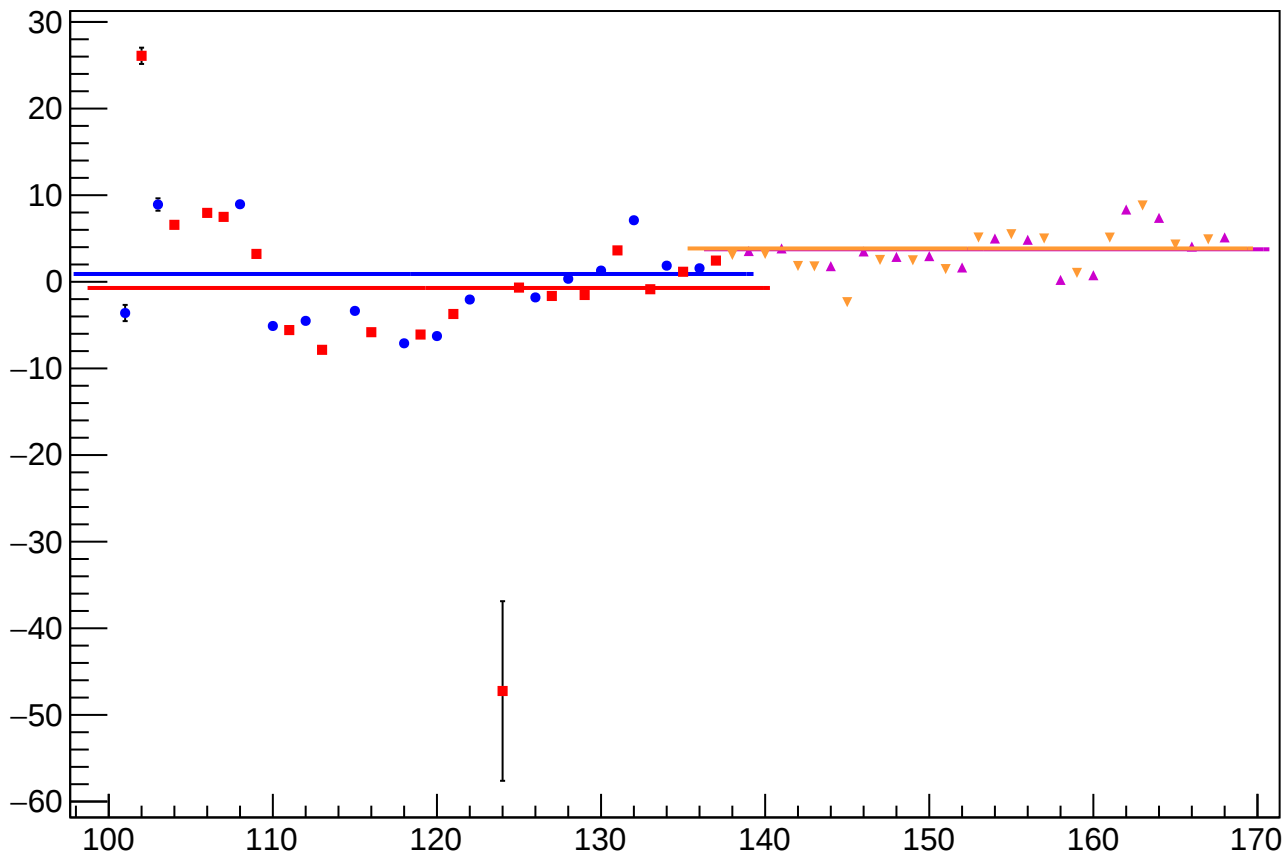
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.423 ± 0.005 $\chi^2/\text{NDF}: 214007.6/29$

Out: -37.812 ± 0.004 $\chi^2/\text{NDF}: 282700.8/33$

All: -38.095 ± 0.003 $\chi^2/\text{NDF}: 505642.7/63$

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

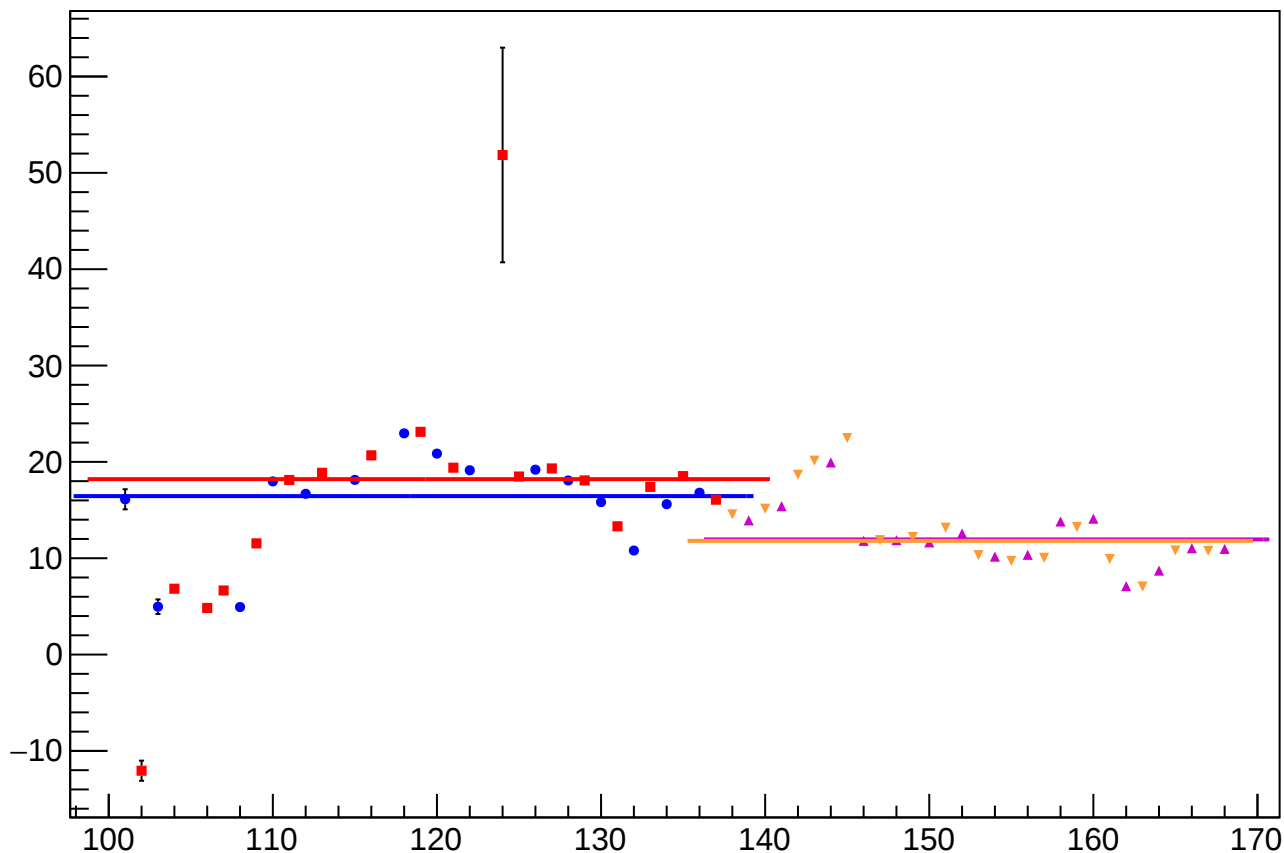
Right: 0.250 $\pm$ 0.015 χ^2/NDF : 54492.0/32

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

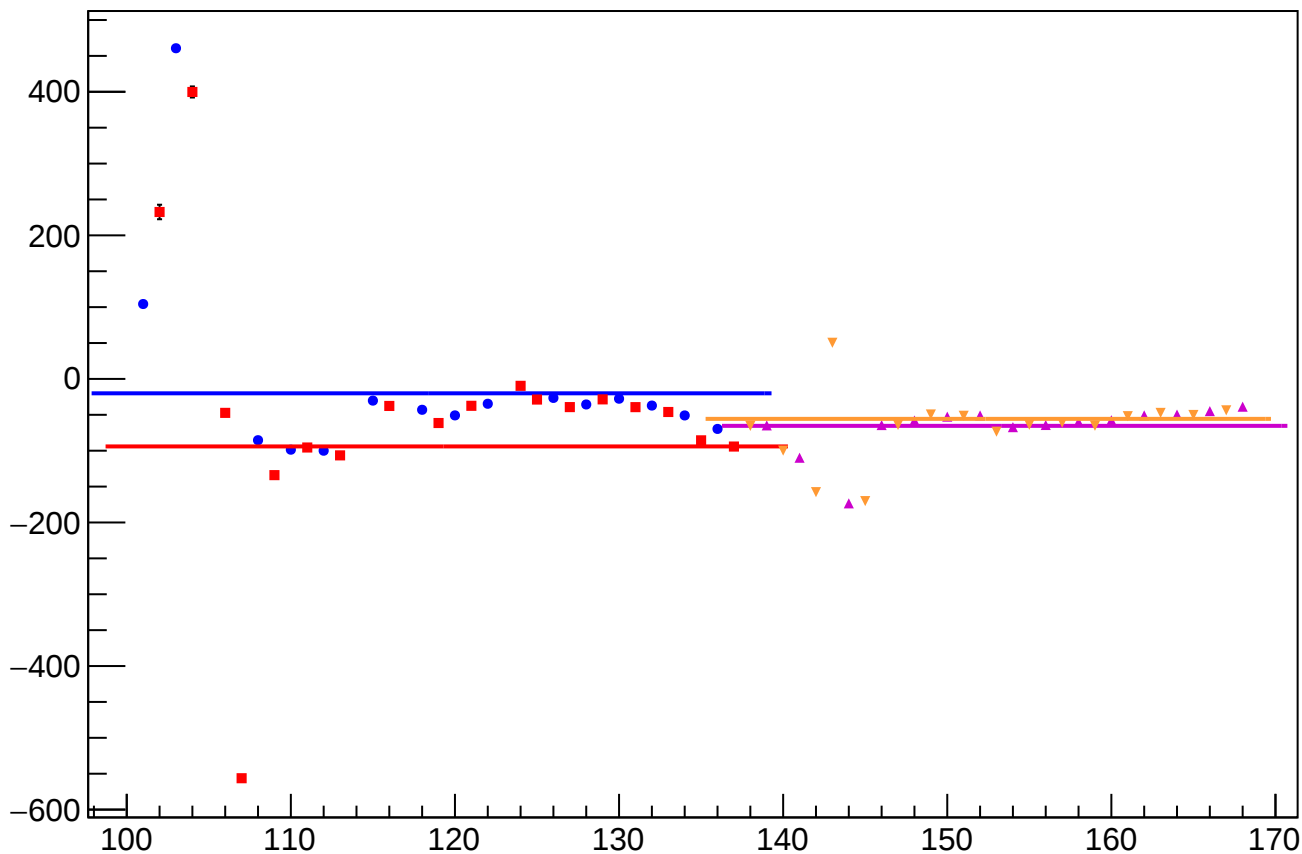
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

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 $\chi^2/\text{NDF}: 94860.2/30$

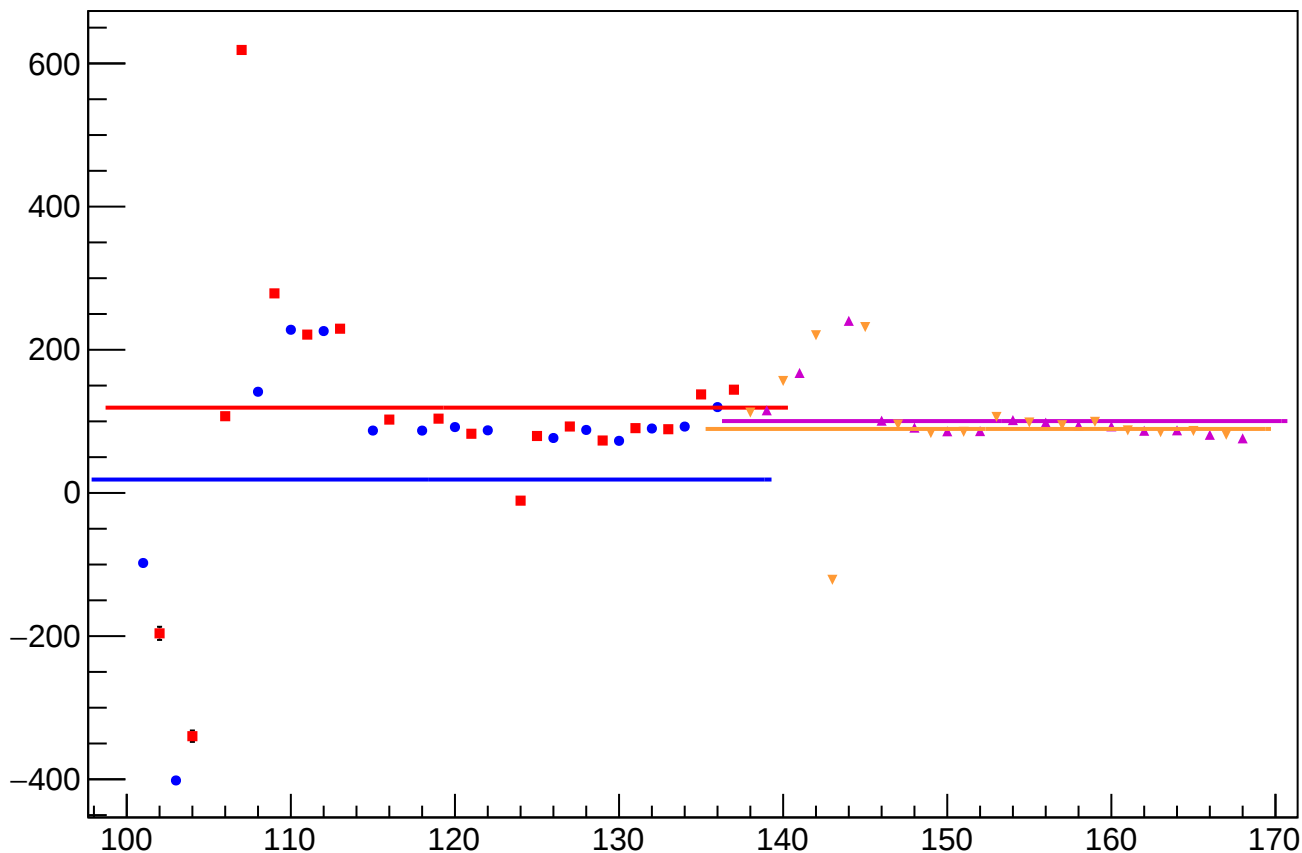
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

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 $\chi^2/\text{NDF}: 237544.5/30$

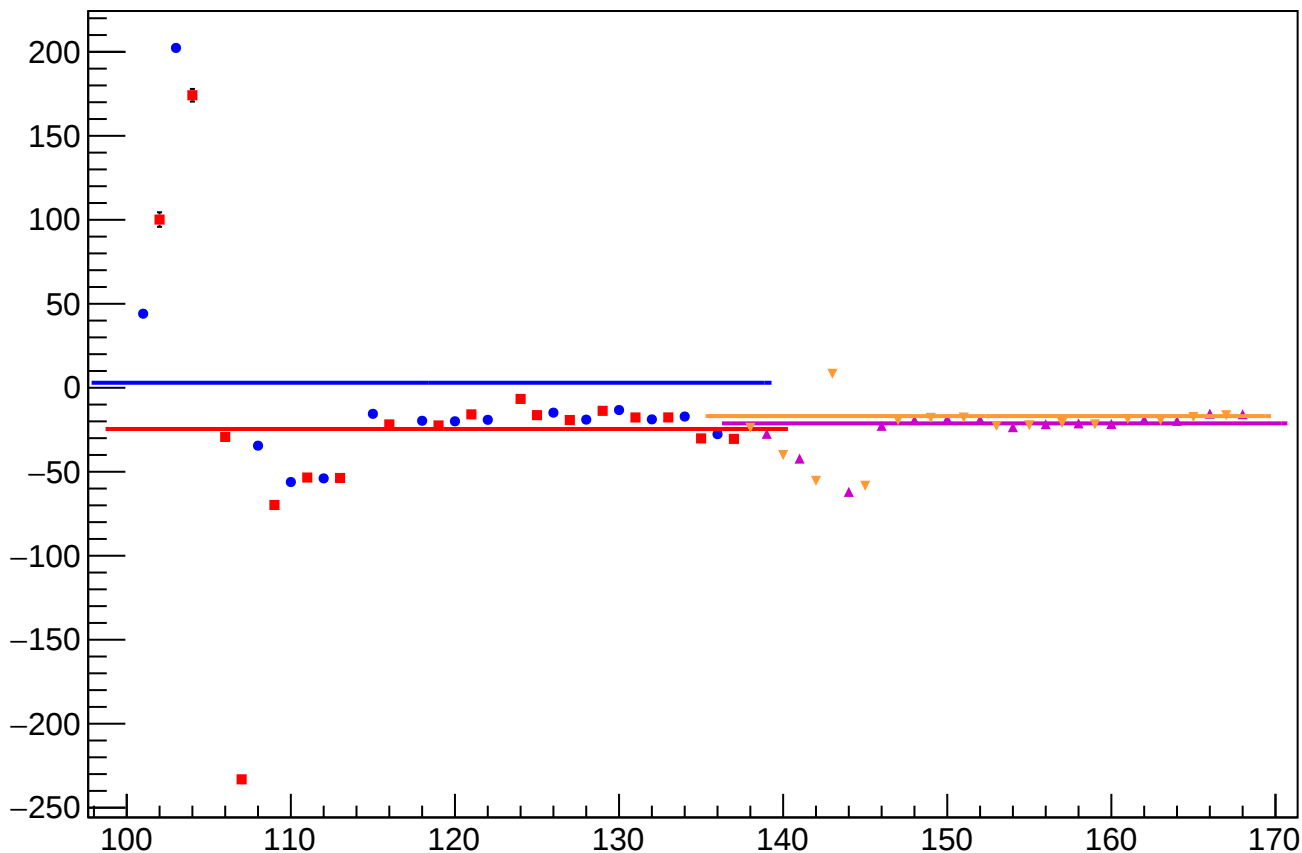
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

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

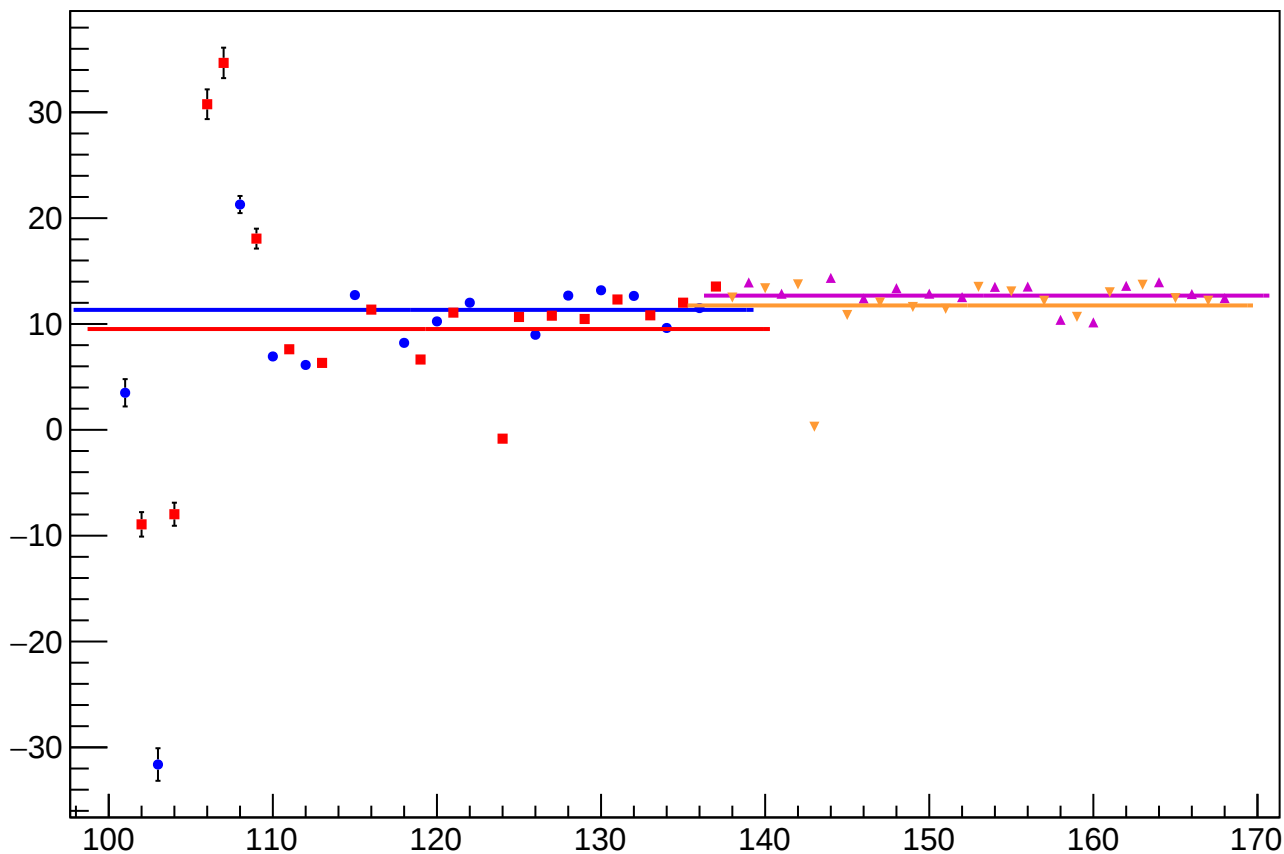
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

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



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 11.752 ± 0.017 $\chi^2/\text{NDF}: 30289.7/15$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 12.681 ± 0.015 $\chi^2/\text{NDF}: 4970.3/14$

Left: 12.285 ± 0.011 $\chi^2/\text{NDF}: 36945.0/30$

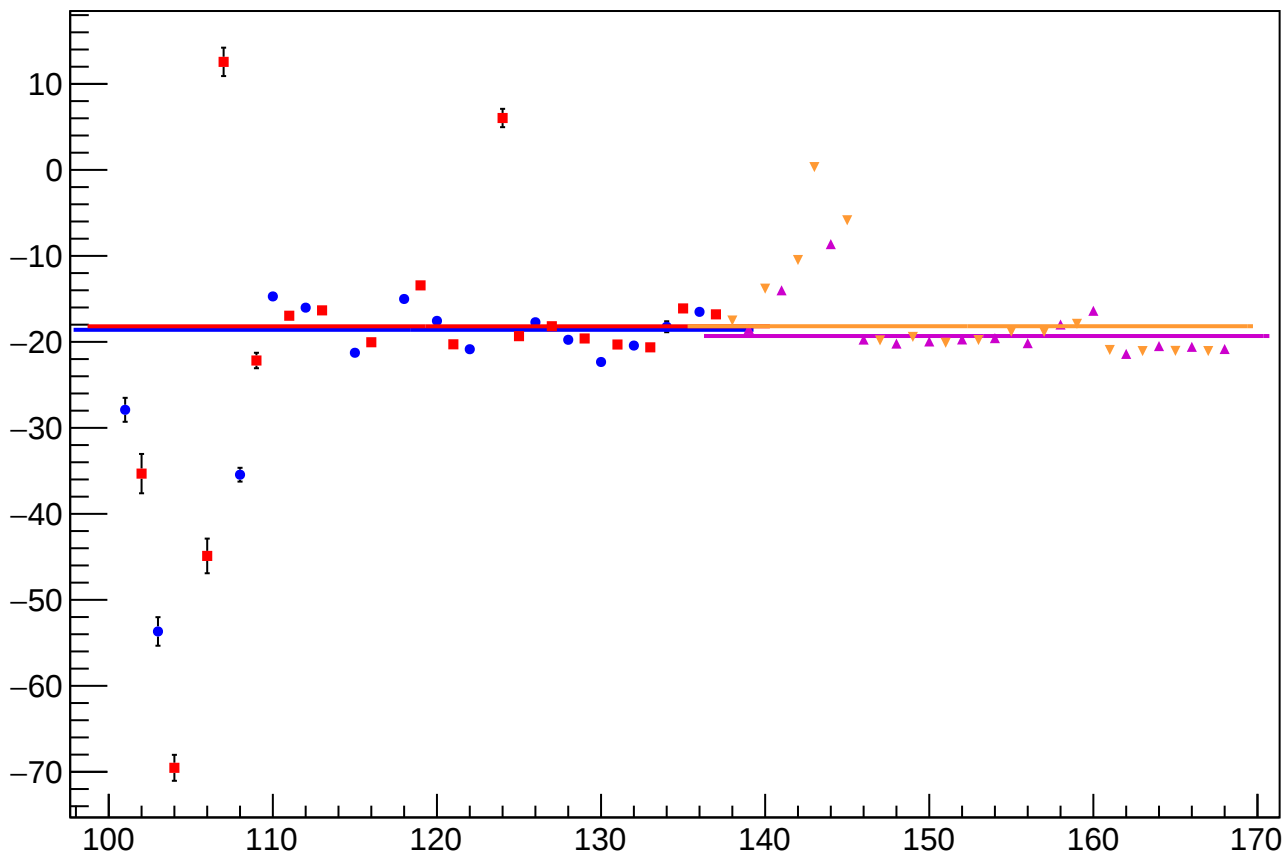
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

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 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -18.179 ± 0.020 $\chi^2/\text{NDF}: 50055.6/15$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.319 ± 0.019 $\chi^2/\text{NDF}: 9498.1/14$

Left: -18.790 ± 0.014 $\chi^2/\text{NDF}: 61313.9/30$

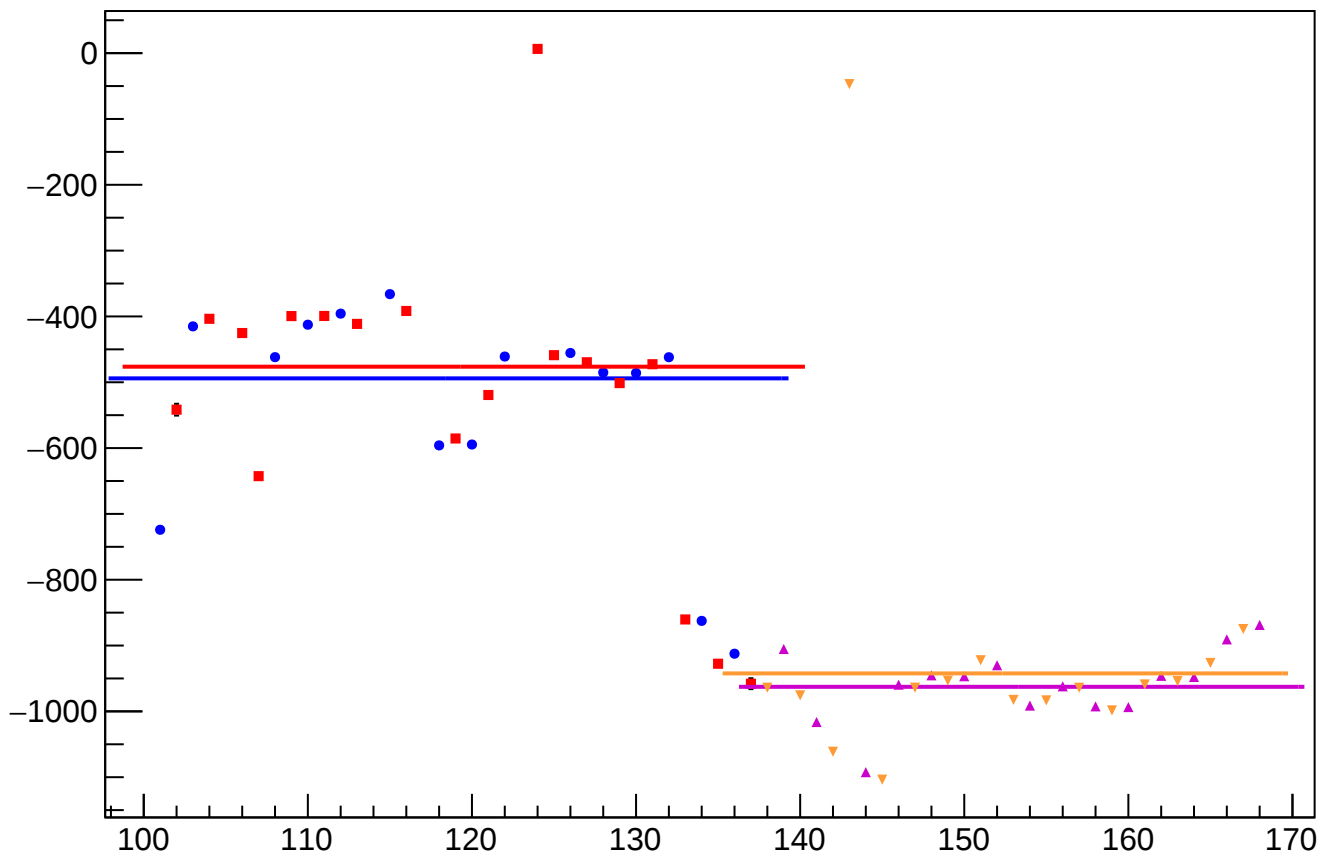
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.175 ± 0.017 $\chi^2/\text{NDF}: 15989.7/29$

Out: -18.180 ± 0.018 $\chi^2/\text{NDF}: 54936.7/33$

All: -18.731 ± 0.012 $\chi^2/\text{NDF}: 72536.1/63$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -942.301 ± 0.187 $\chi^2/\text{NDF}: 342644.1/15$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -962.701 ± 0.186 $\chi^2/\text{NDF}: 52178.6/14$

Left: -952.577 ± 0.132 $\chi^2/\text{NDF}: 400802.1/30$

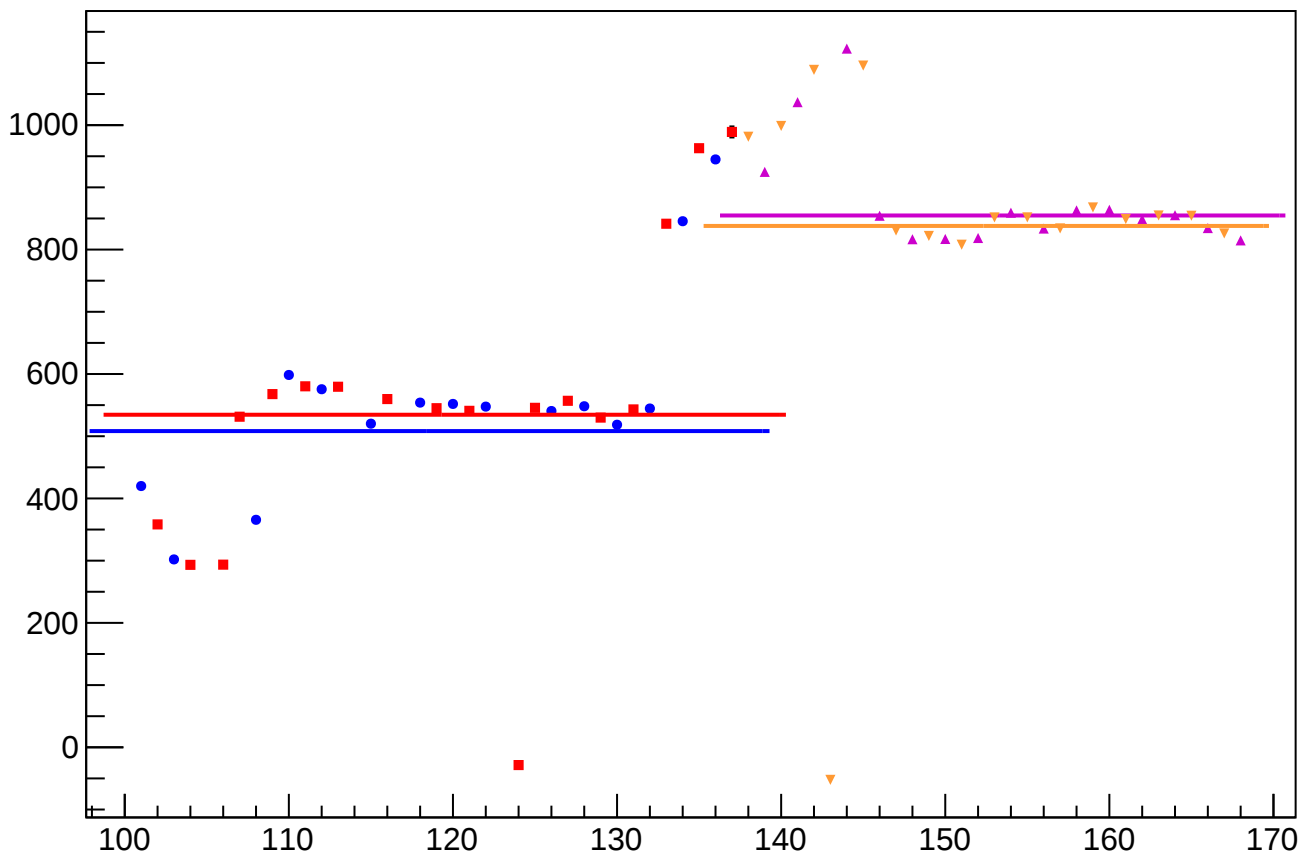
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -779.614 ± 0.145 $\chi^2/\text{NDF}: 2862072.4/29$

Out: -706.668 ± 0.132 $\chi^2/\text{NDF}: 4068092.9/33$

All: -739.610 ± 0.097 $\chi^2/\text{NDF}: 7068812.9/63$

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

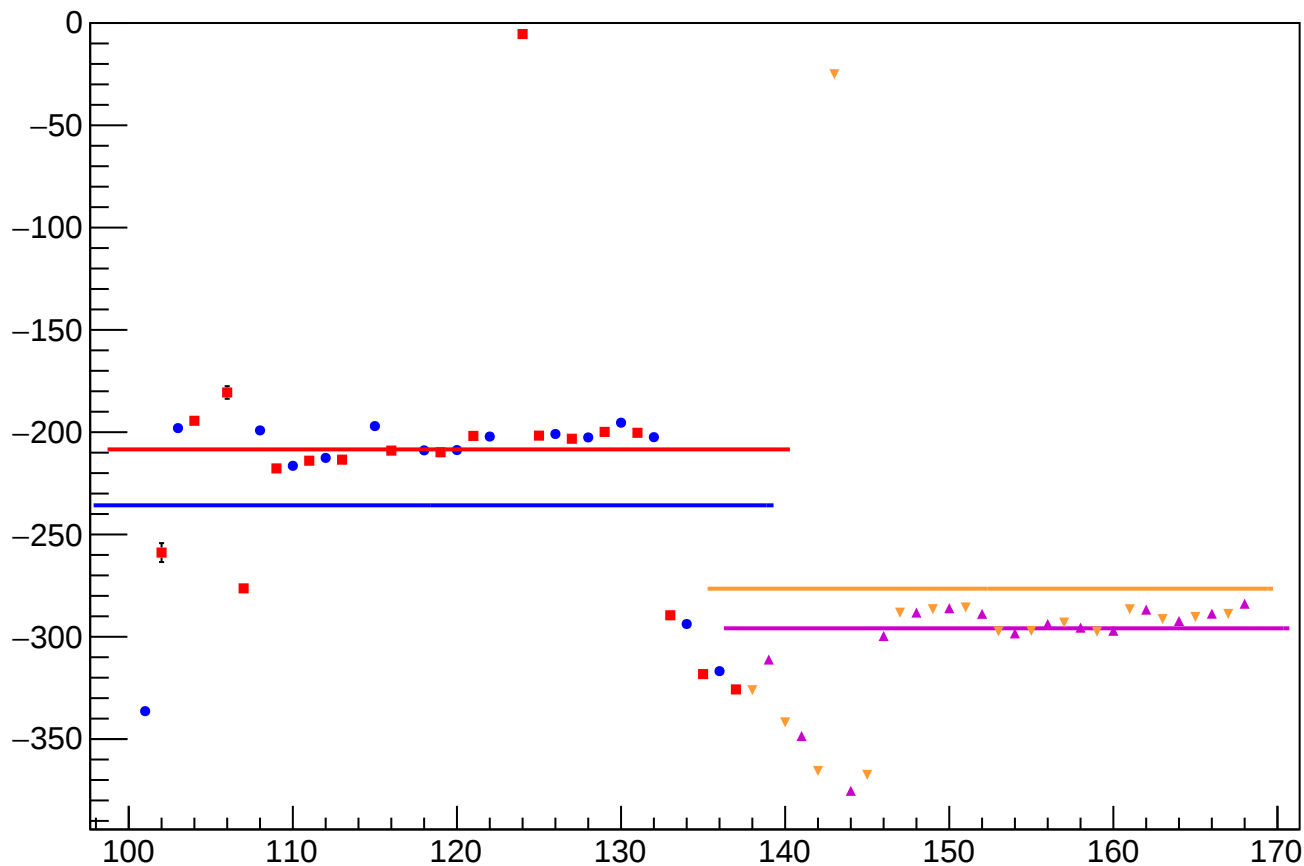
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

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 $\chi^2/\text{NDF}: 6888995.0/30$

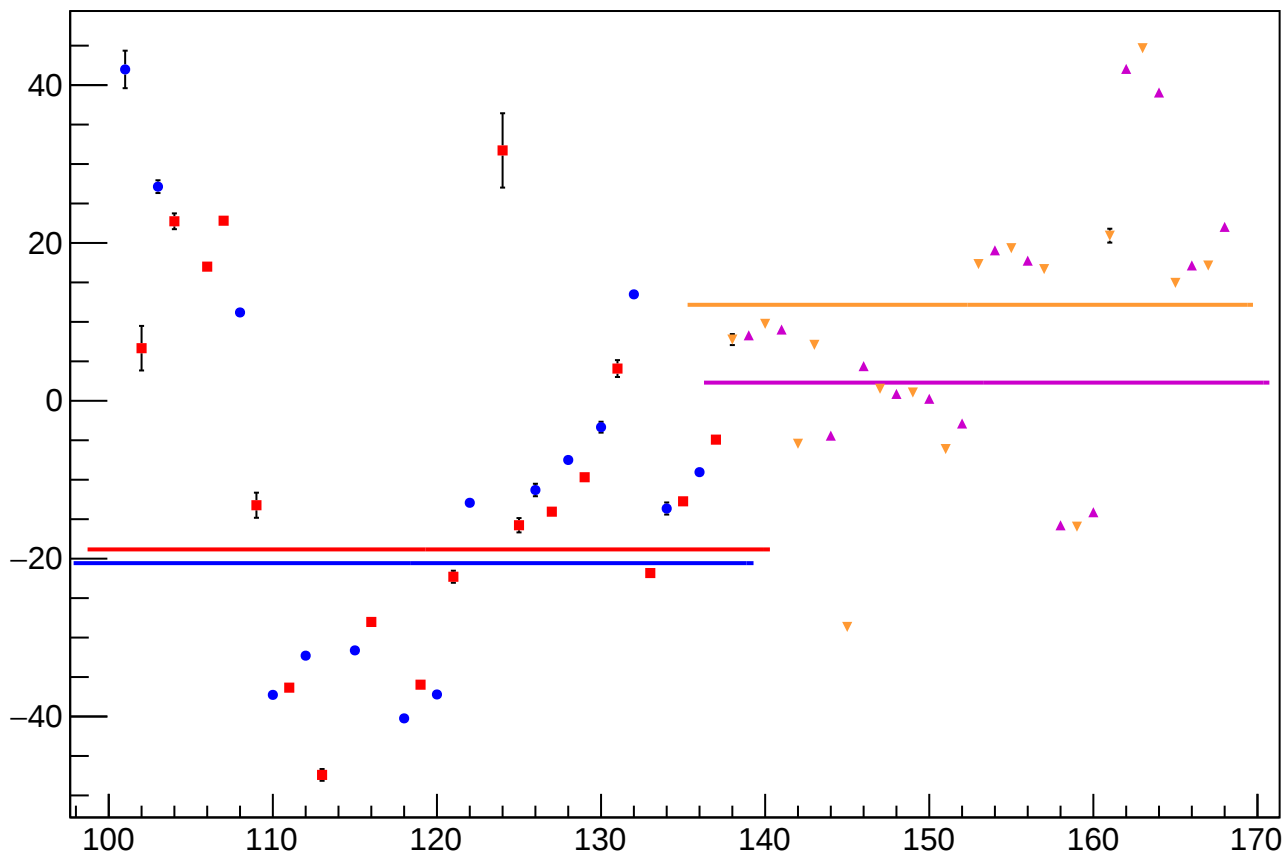
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

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 χ^2/NDF : 63404.0/14

Left Out: 12.164 ± 0.027 χ^2/NDF : 433121.0/15

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 2.304 ± 0.022 χ^2/NDF : 644137.4/14

Left: 6.144 ± 0.017 χ^2/NDF : 1157644.2/30

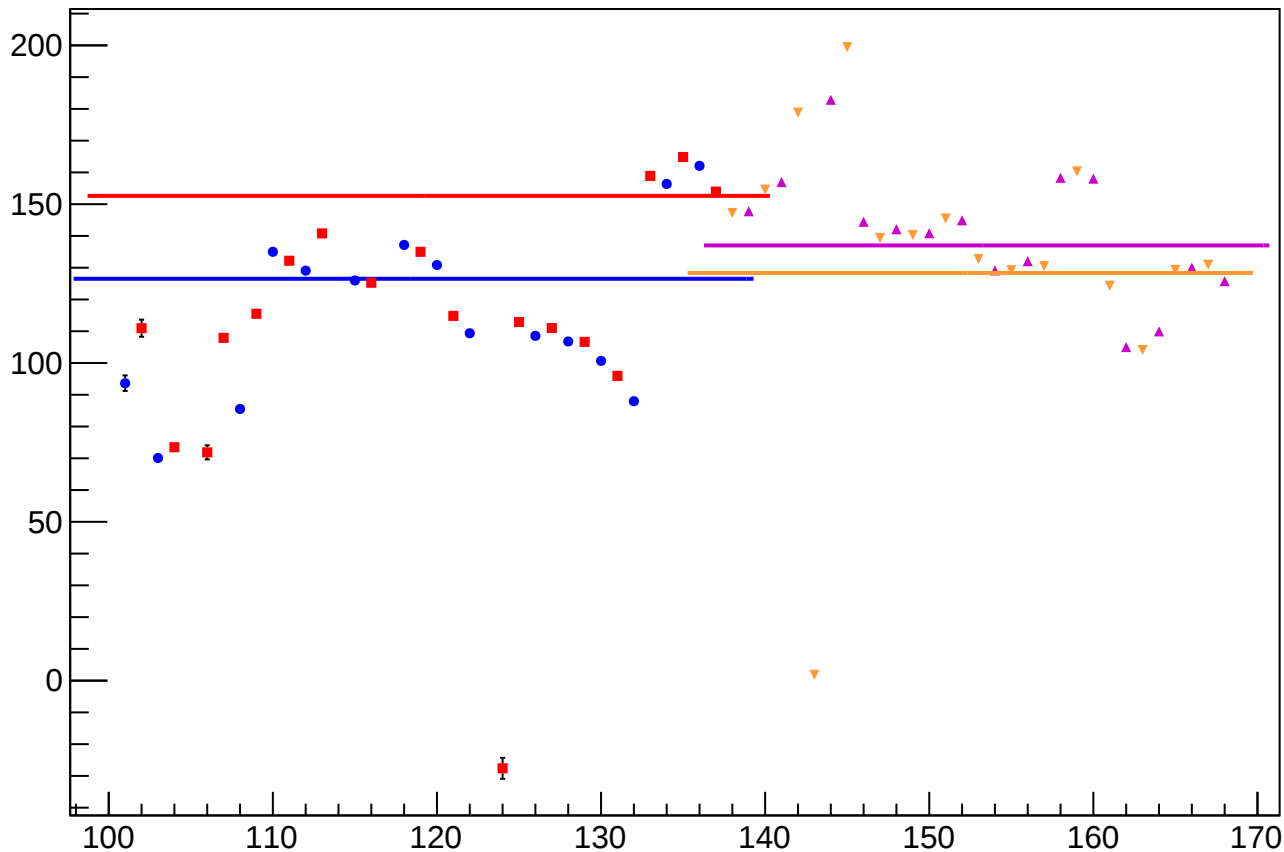
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 0.366 ± 0.021 χ^2/NDF : 801635.7/29

Out: 10.319 ± 0.026 χ^2/NDF : 531425.1/33

All: 4.178 ± 0.016 χ^2/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

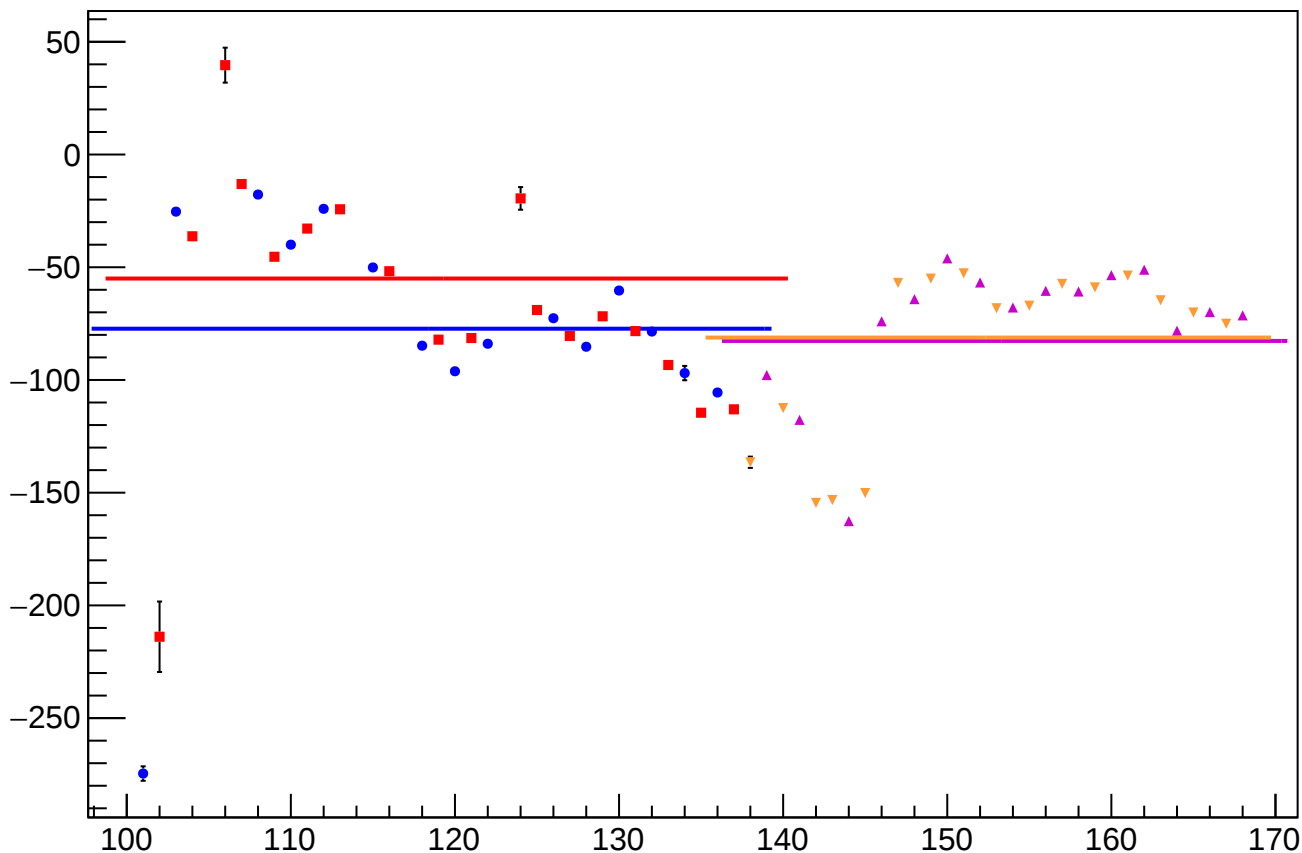
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

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 $\chi^2/\text{NDF}: 115009.9/30$

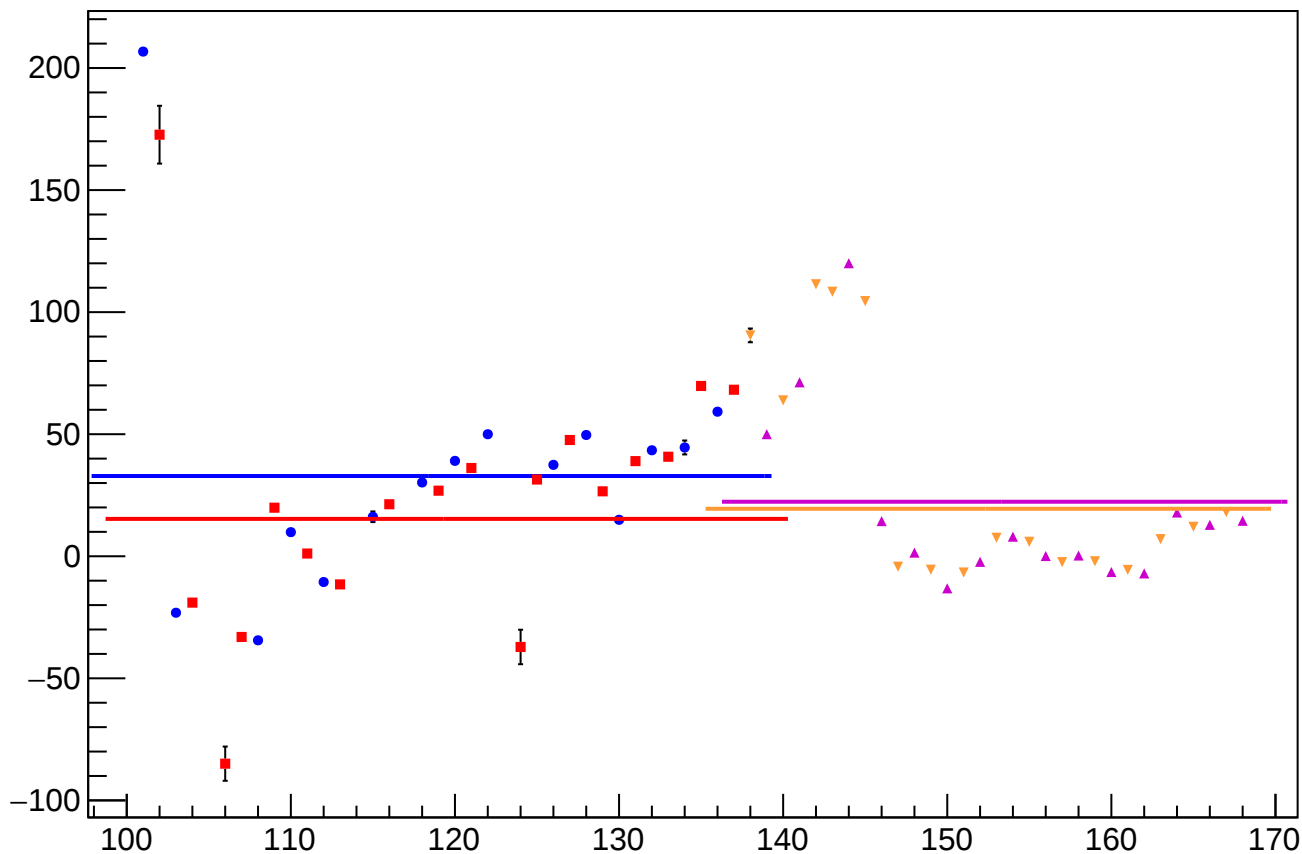
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

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 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 19.457 $\pm$ 0.126 χ^2 /NDF: 89026.0/15

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 22.338 $\pm$ 0.128 χ^2 /NDF: 86782.9/14

Left: 20.869 $\pm$ 0.090 χ^2 /NDF: 176067.2/30

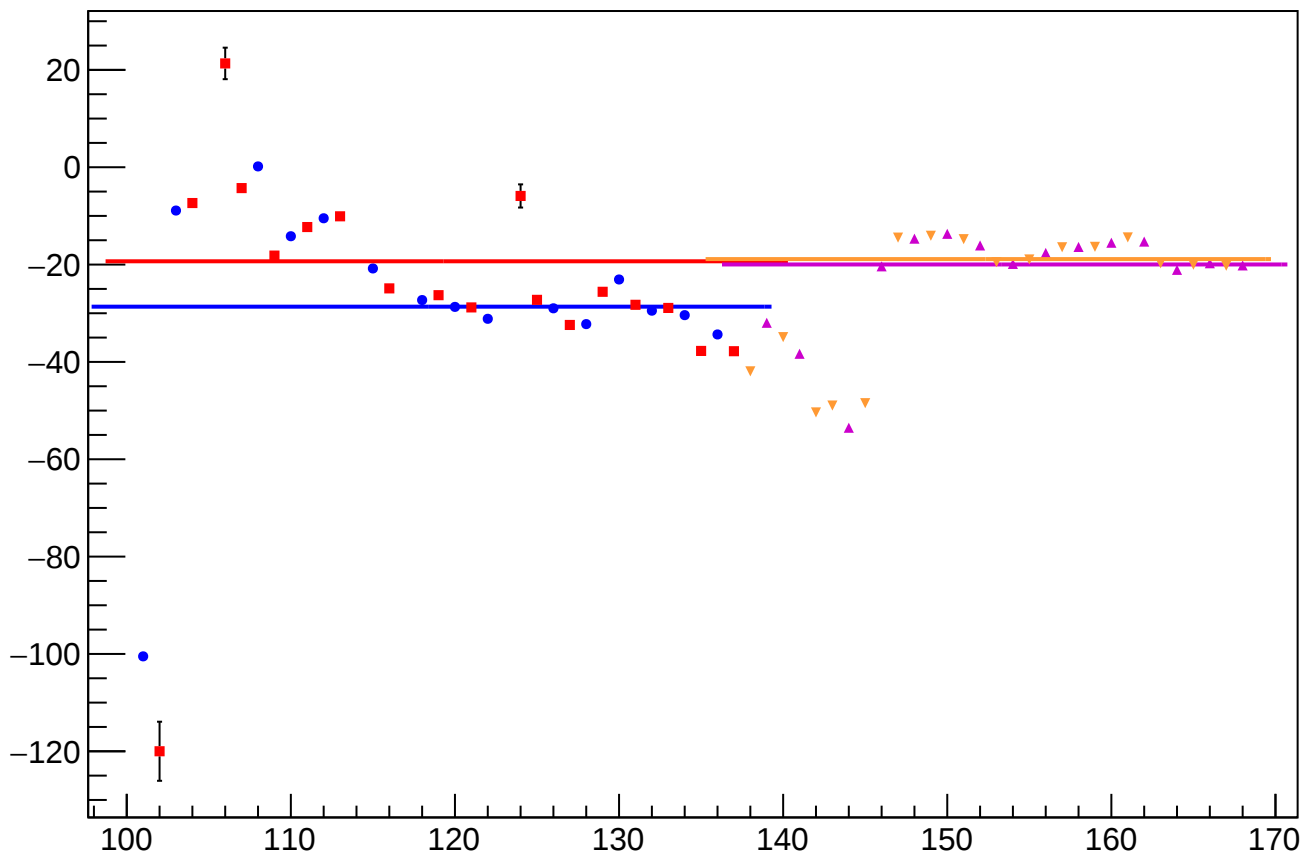
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 26.914 $\pm$ 0.096 χ^2 /NDF: 121117.7/29

Out: 18.363 $\pm$ 0.108 χ^2 /NDF: 106060.1/33

All: 23.117 $\pm$ 0.072 χ^2 /NDF: 230682.7/63

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.871 ± 0.016 $\chi^2/\text{NDF}: 223775.9/15$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.977 ± 0.017 $\chi^2/\text{NDF}: 193147.7/14$

Left: -19.395 ± 0.012 $\chi^2/\text{NDF}: 419086.1/30$

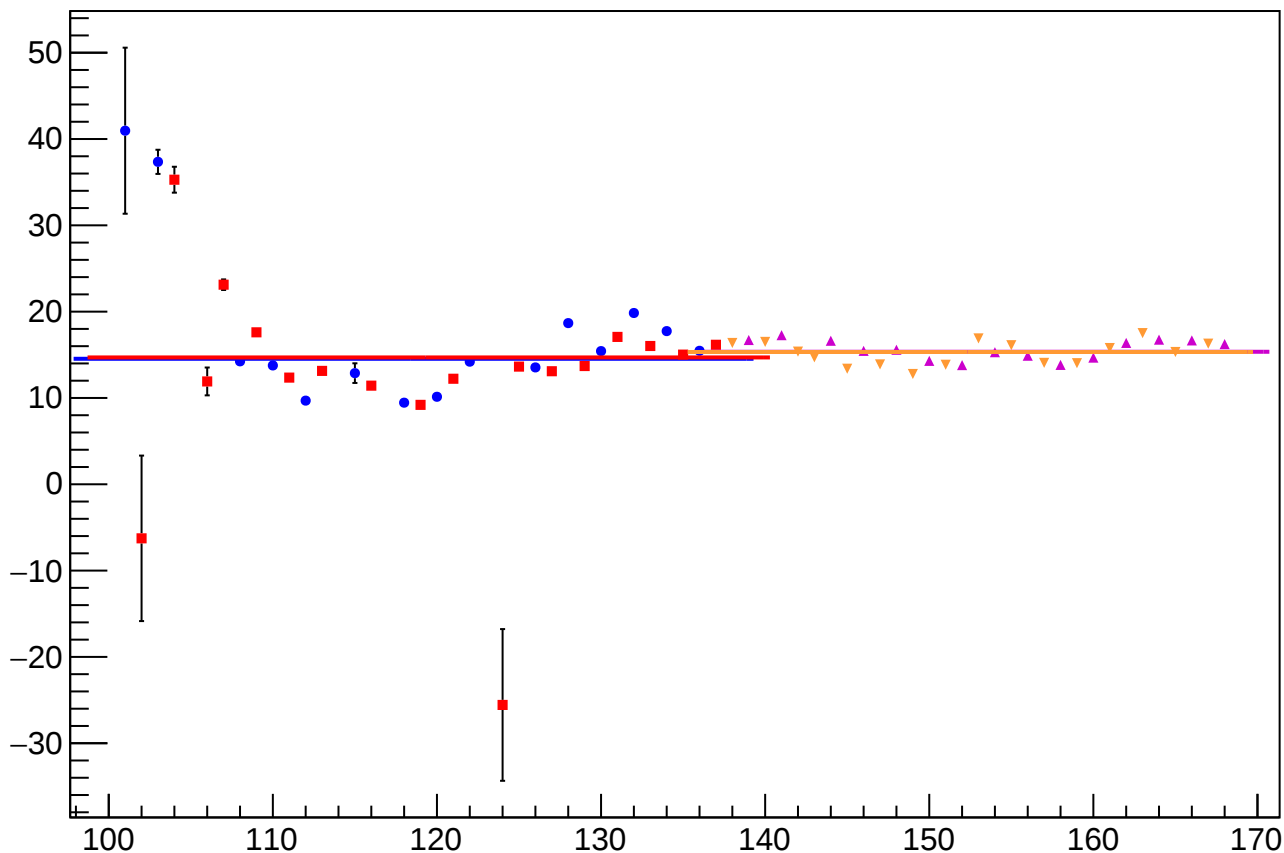
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.732 ± 0.015 $\chi^2/\text{NDF}: 357658.1/29$

Out: -18.938 ± 0.015 $\chi^2/\text{NDF}: 280468.0/33$

All: -20.307 ± 0.011 $\chi^2/\text{NDF}: 654879.6/63$

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

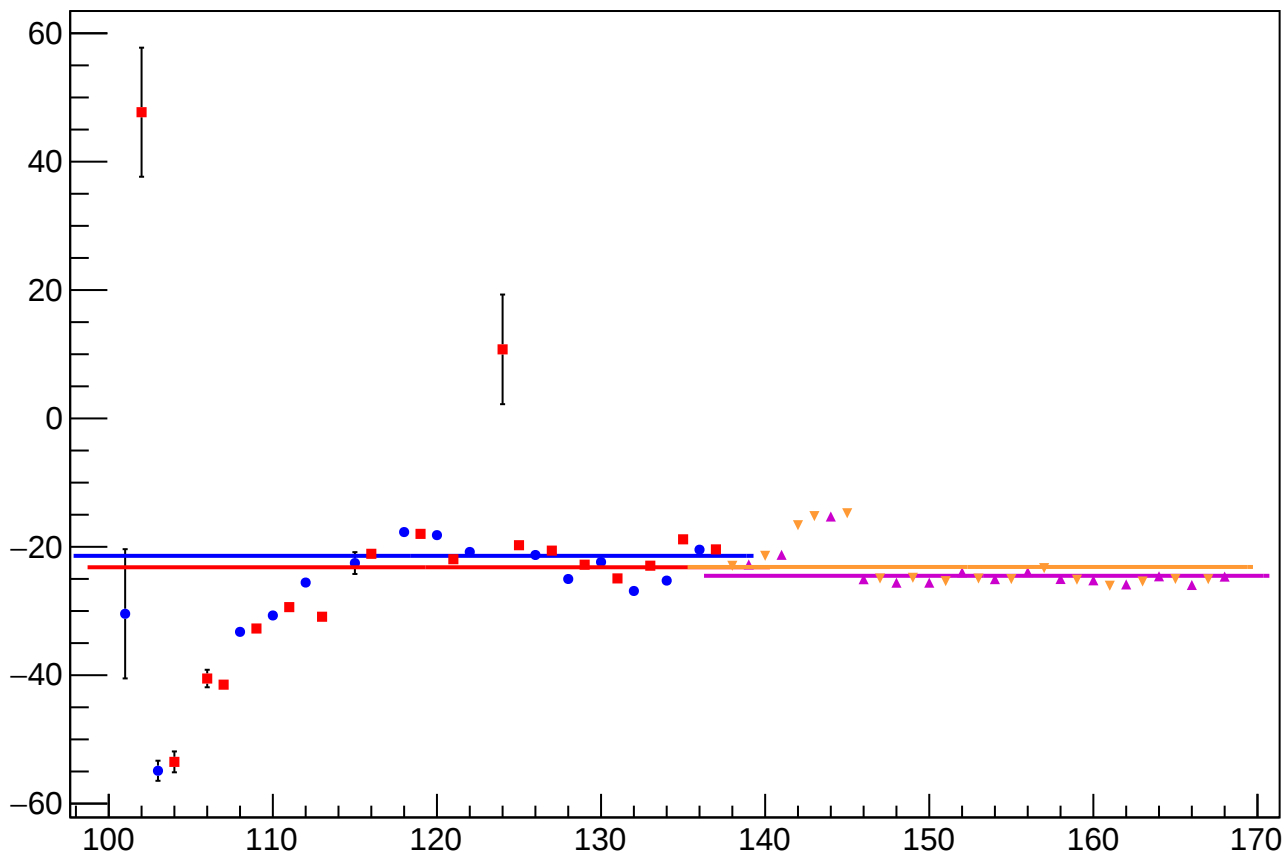
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

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 $\chi^2/\text{NDF}: 40438.3/30$

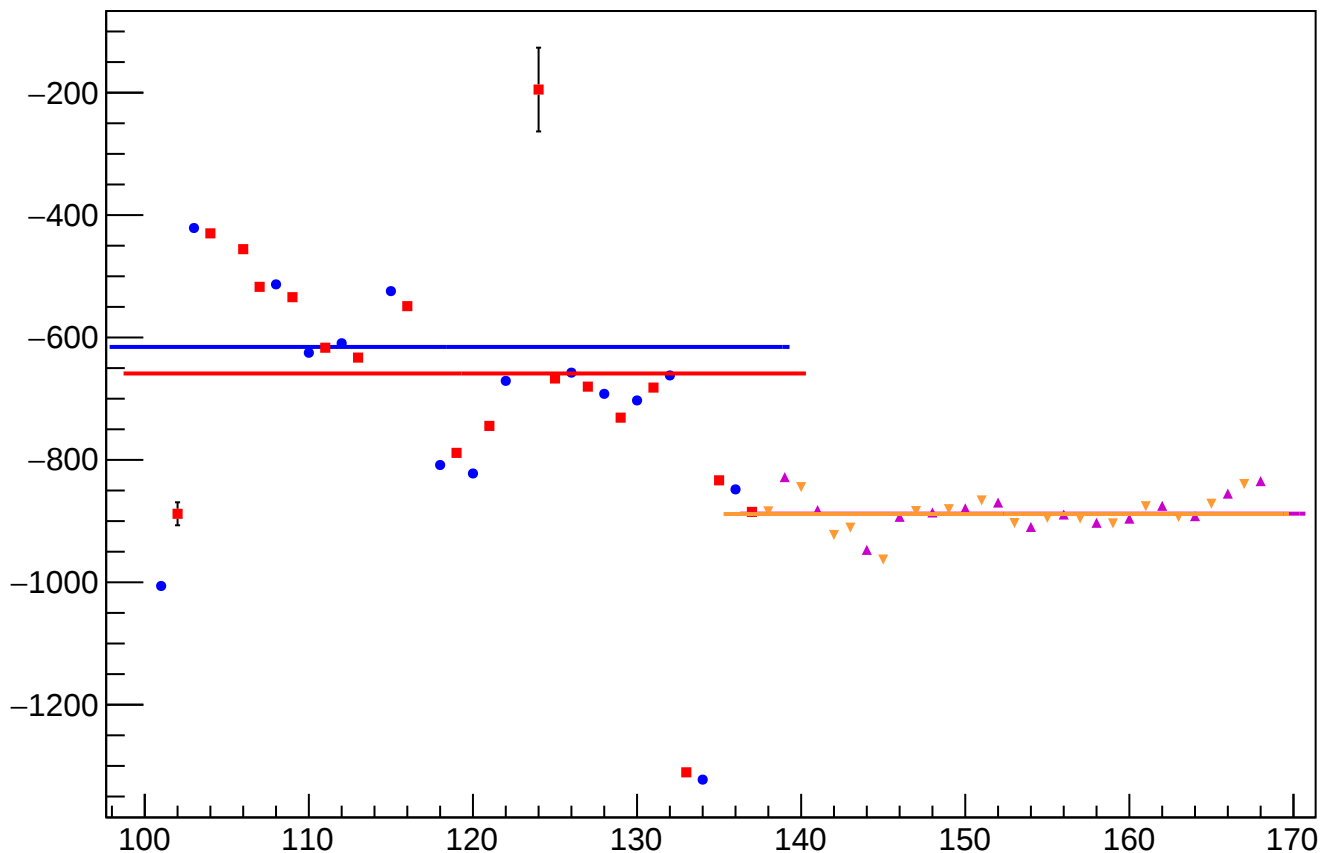
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

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 χ^2/NDF : 382819.1/14

Left Out: -888.435+/-0.165 χ^2/NDF : 18809.1/15

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -887.838+/-0.147 χ^2/NDF : 20016.7/14

Left: -888.103+/-0.109 χ^2/NDF : 38833.2/30

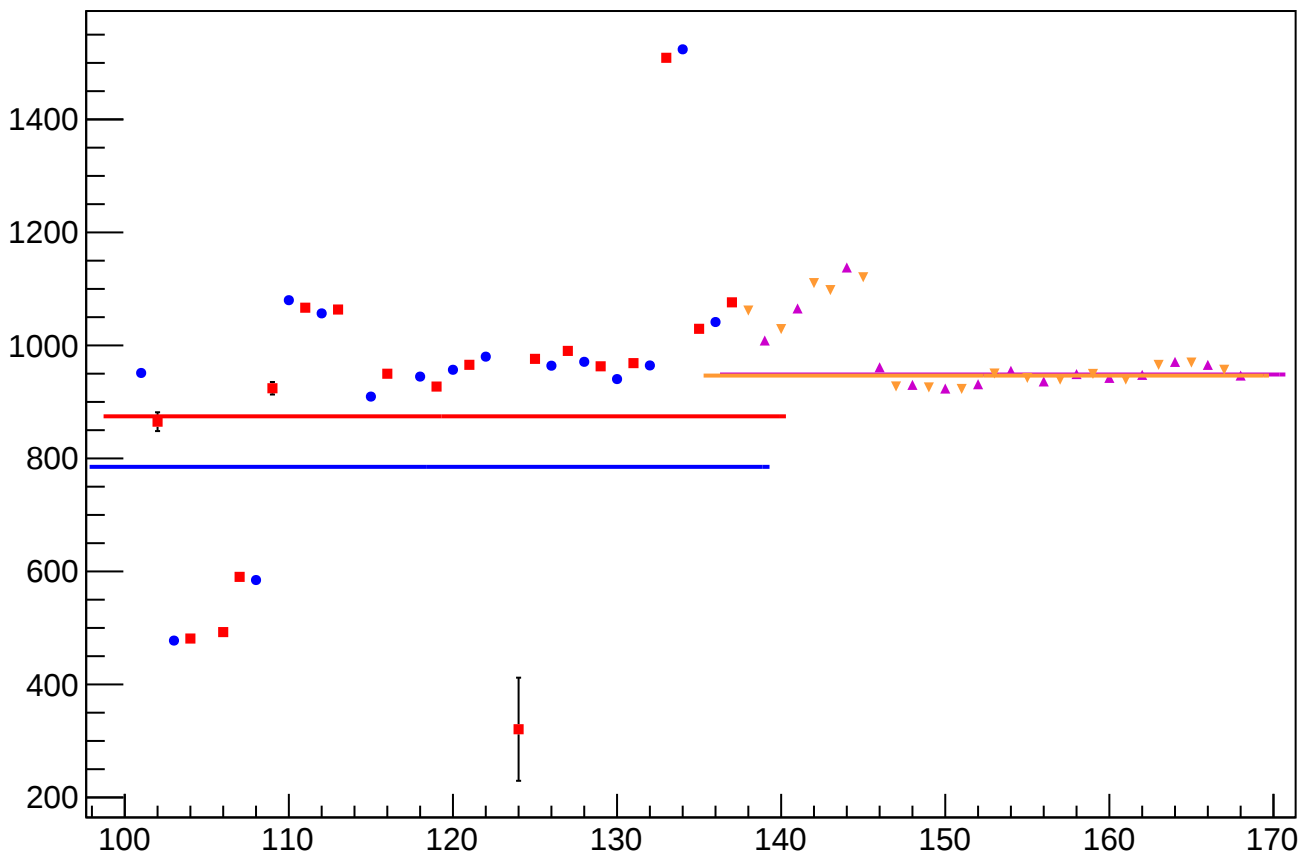
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -812.679+/-0.125 χ^2/NDF : 1354702.8/29

Out: -821.424+/-0.138 χ^2/NDF : 972661.8/33

All: -816.600+/-0.093 χ^2/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

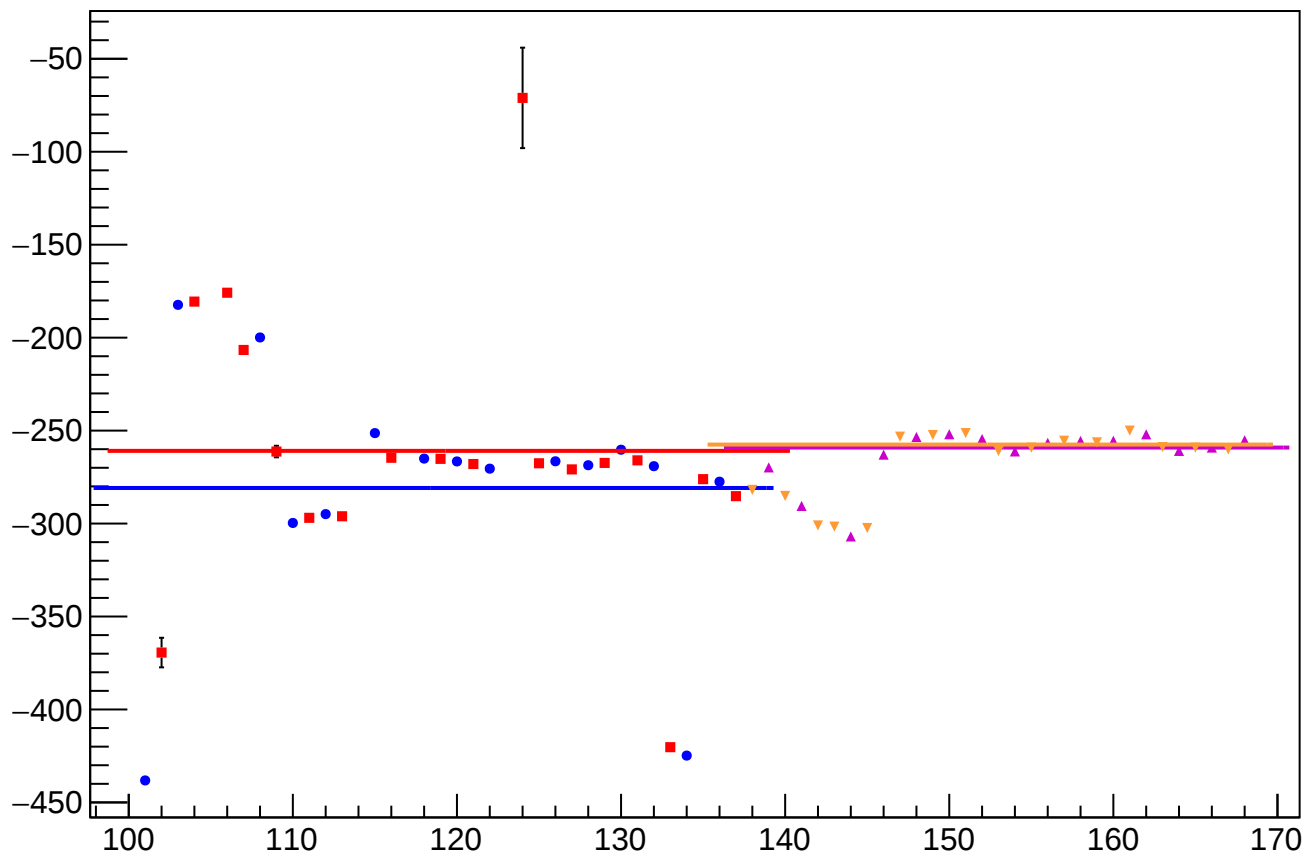
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

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 χ^2/NDF : 873611.1/14

Left Out: -257.515+/-0.022 χ^2/NDF :169074.1/15

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -259.128+/-0.021 χ^2/NDF :188125.5/14

Left: -258.346+/-0.015 χ^2/NDF : 359972.1/30

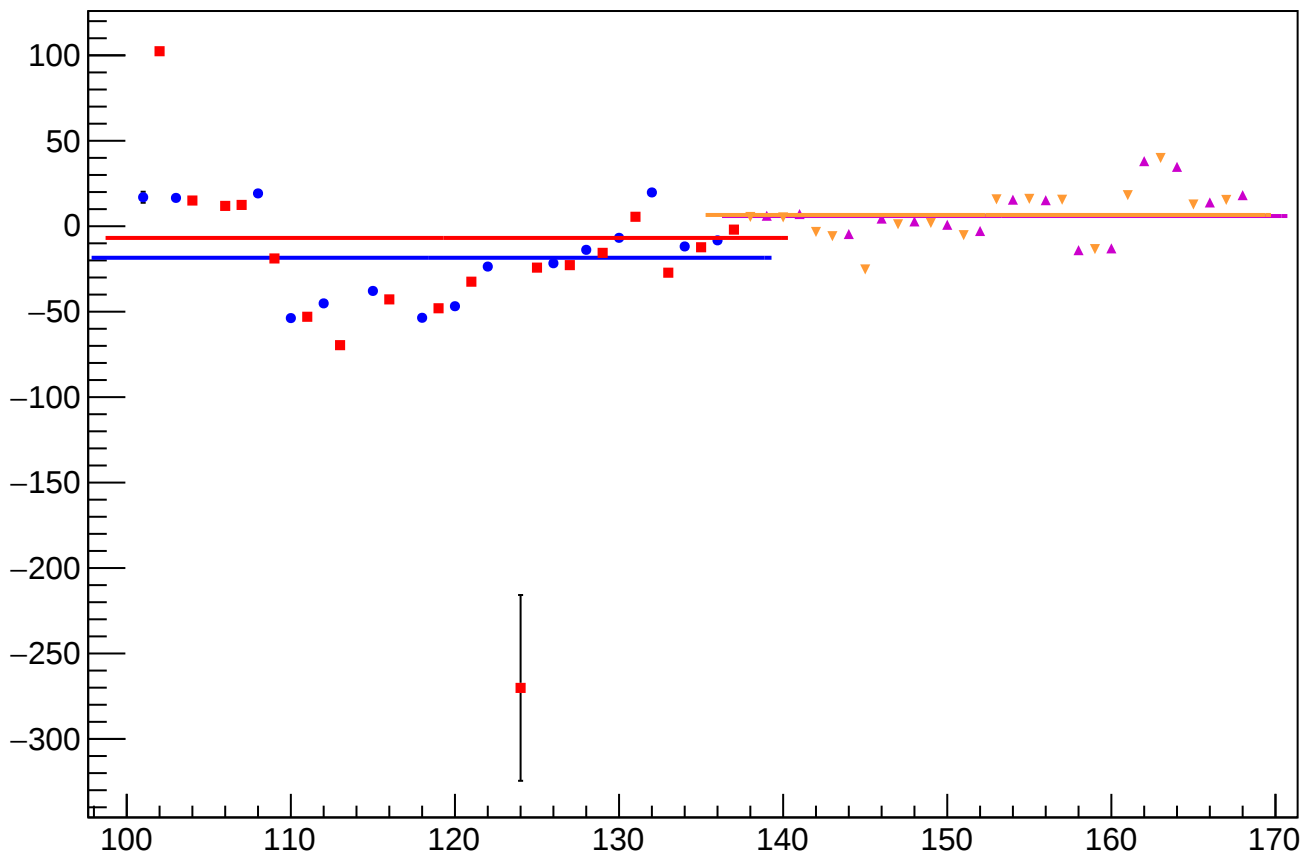
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -261.676+/-0.020 χ^2/NDF :1183375.4/29

Out: -257.839+/-0.021 χ^2/NDF :519057.9/33

All: -259.839+/-0.014 χ^2/NDF : 1719984.5/63

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 χ^2/NDF : 46574.6/14

Left Out: 6.600 ± 0.025 χ^2/NDF : 337754.2/15

Right Out: -6.843 ± 0.065 χ^2/NDF : 50023.0/17

Left In: 5.972 ± 0.021 χ^2/NDF : 413212.6/14

Left: 6.236 ± 0.016 χ^2/NDF : 751330.0/30

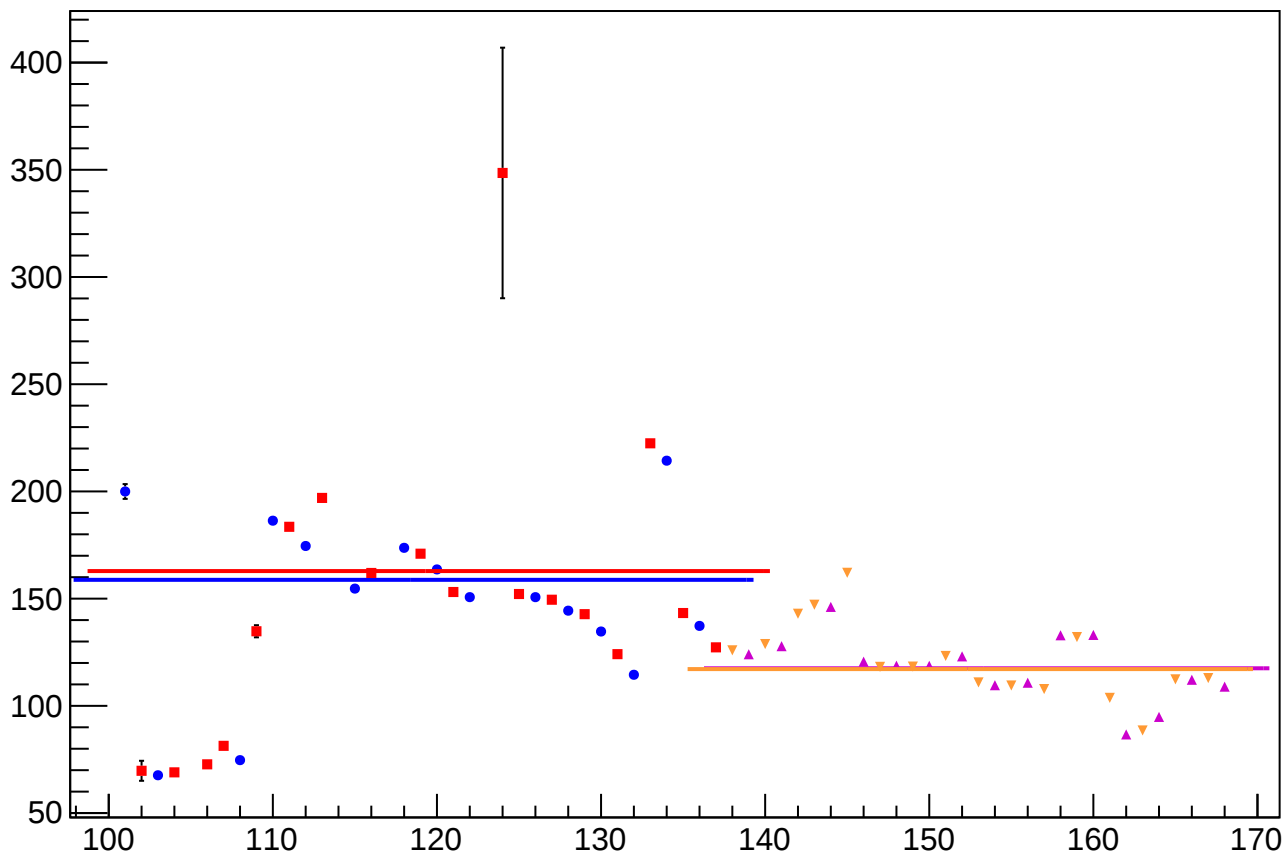
Right: -10.715 ± 0.053 χ^2/NDF : 107378.5/32

In: 4.702 ± 0.021 χ^2/NDF : 527670.4/29

Out: 4.838 ± 0.023 χ^2/NDF : 425435.0/33

All: 4.762 ± 0.016 χ^2/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

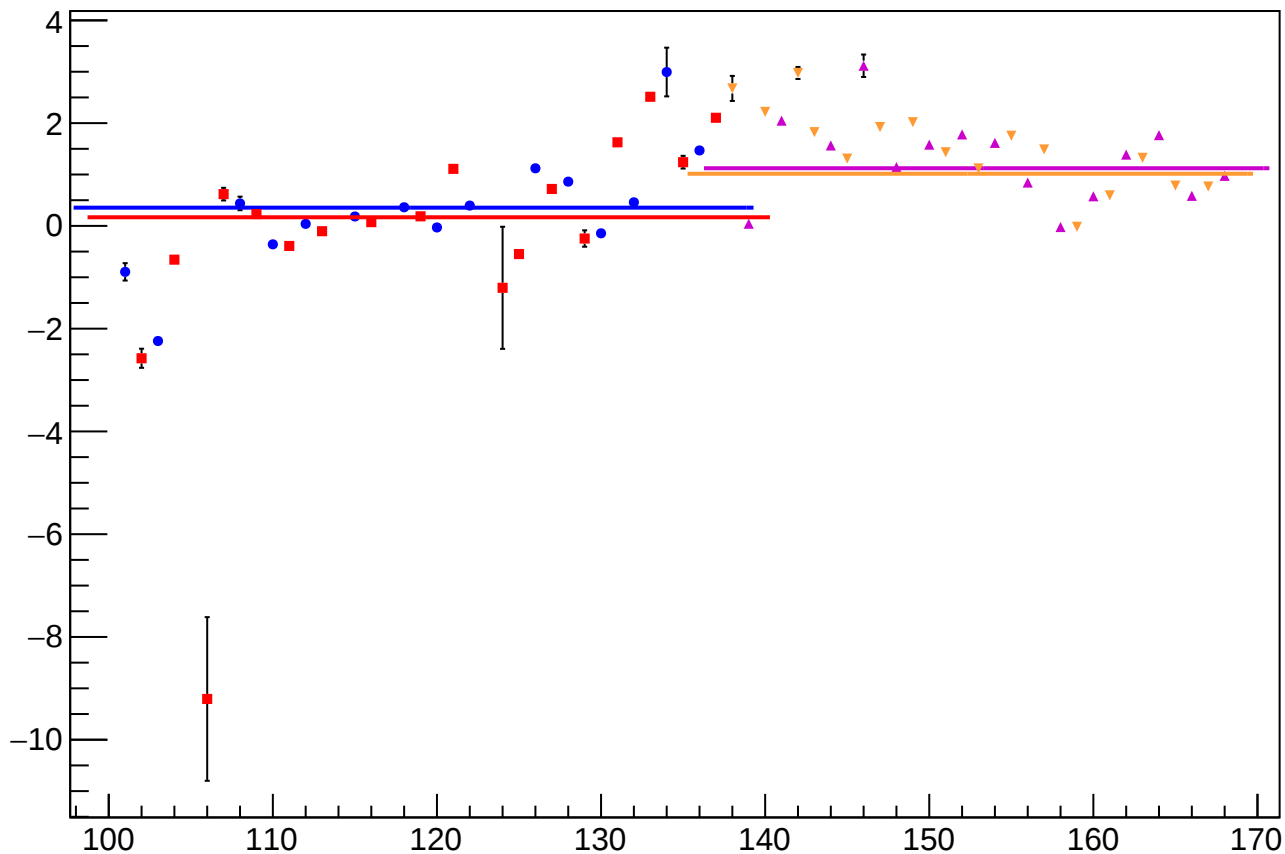
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

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

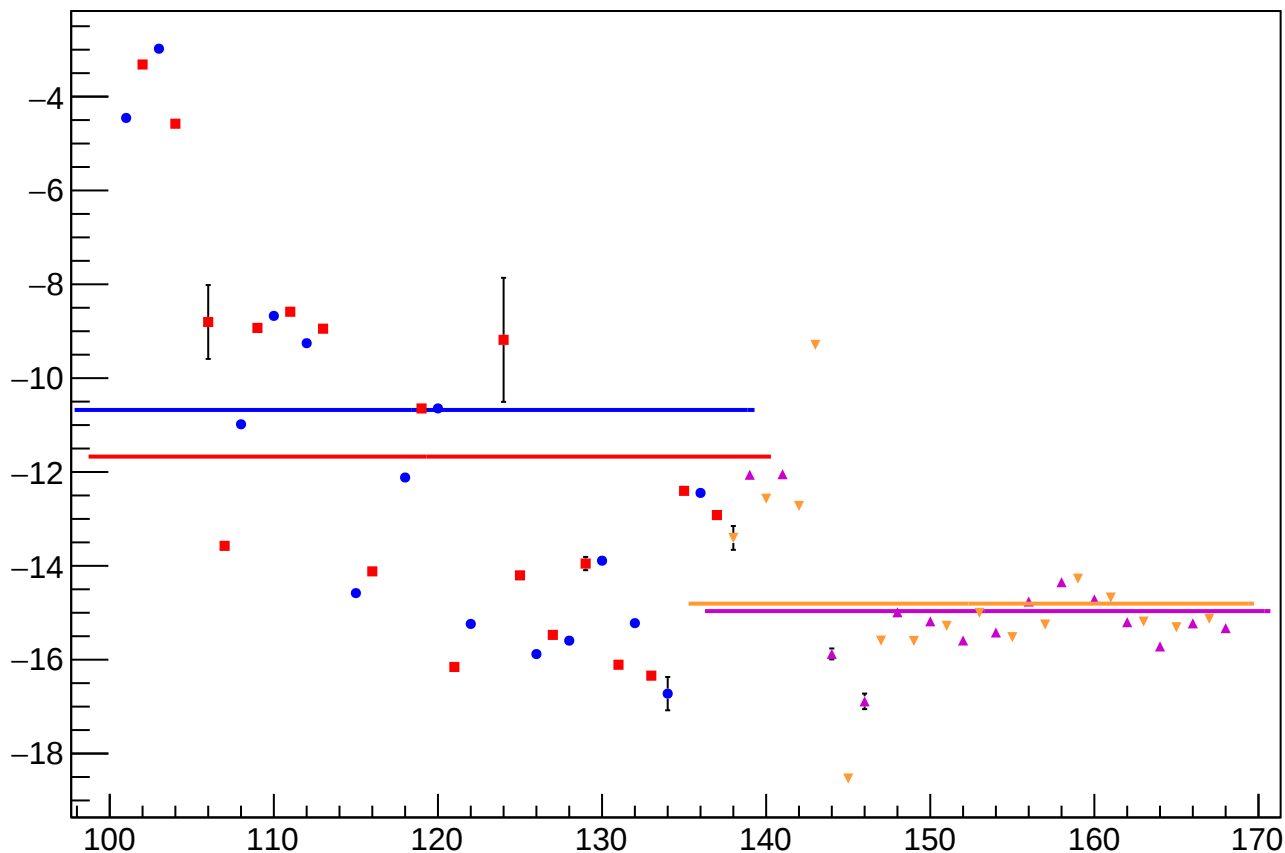
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

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 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.805 ± 0.008 $\chi^2/\text{NDF}: 30580.0/15$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.964 ± 0.007 $\chi^2/\text{NDF}: 12329.6/14$

Left: -14.892 ± 0.005 $\chi^2/\text{NDF}: 43138.3/30$

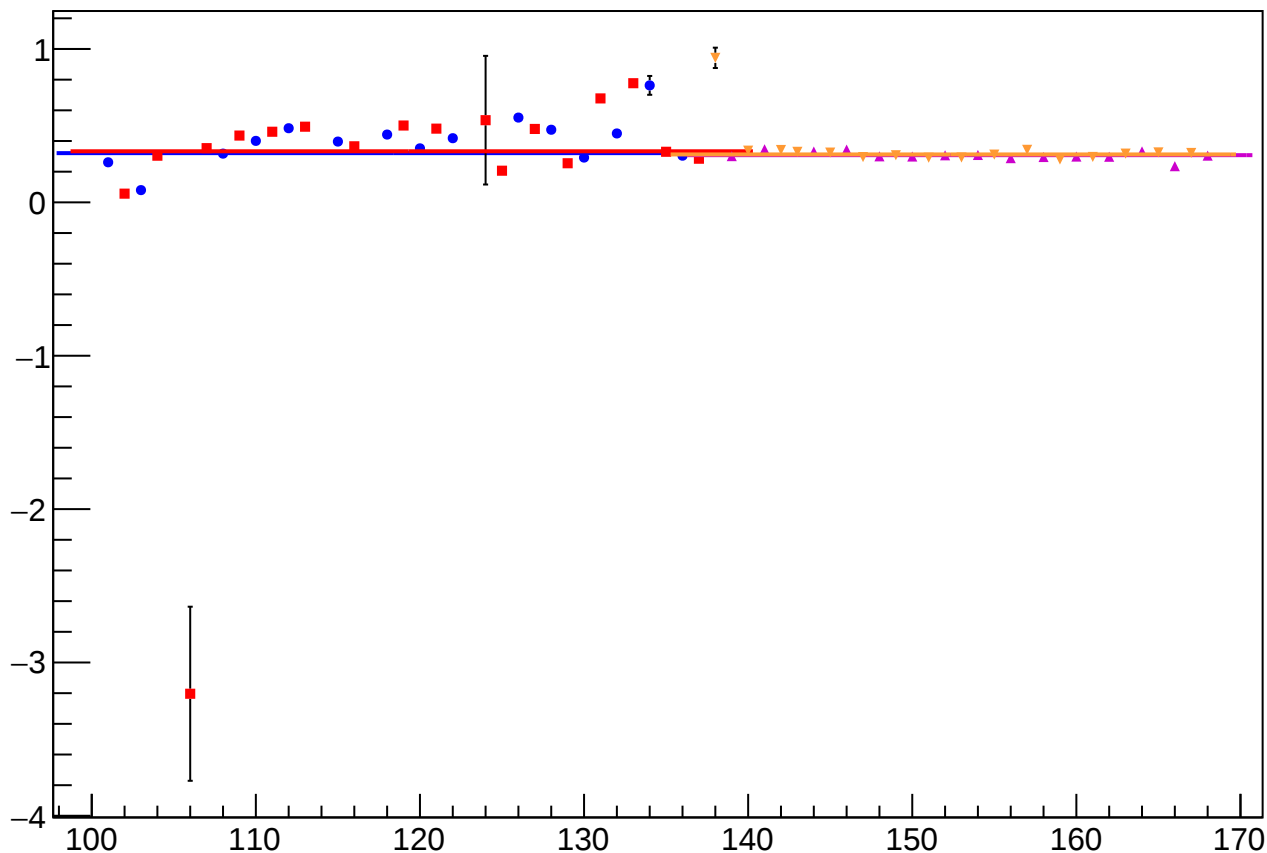
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.579 ± 0.006 $\chi^2/\text{NDF}: 356858.7/29$

Out: -13.845 ± 0.006 $\chi^2/\text{NDF}: 188676.8/33$

All: -13.699 ± 0.004 $\chi^2/\text{NDF}: 546469.4/63$

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

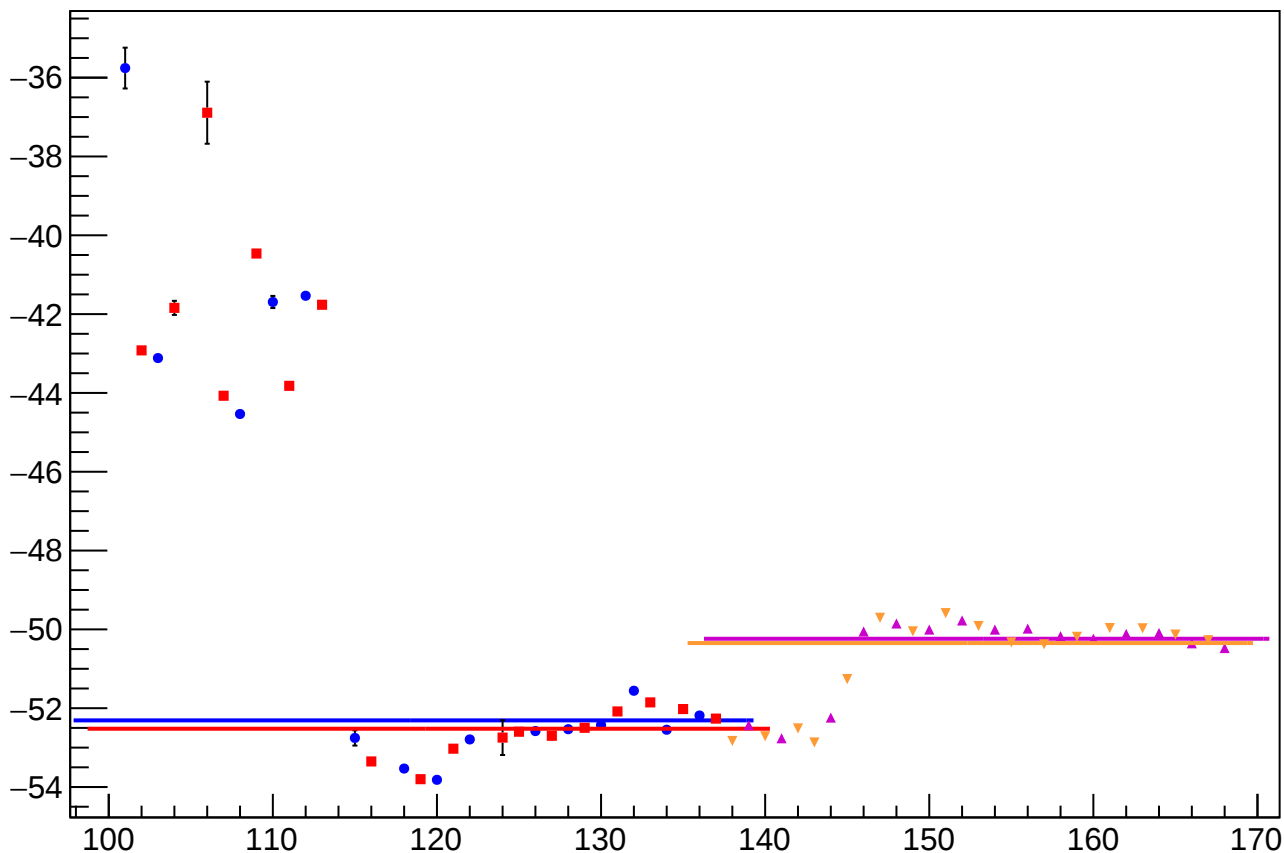
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

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

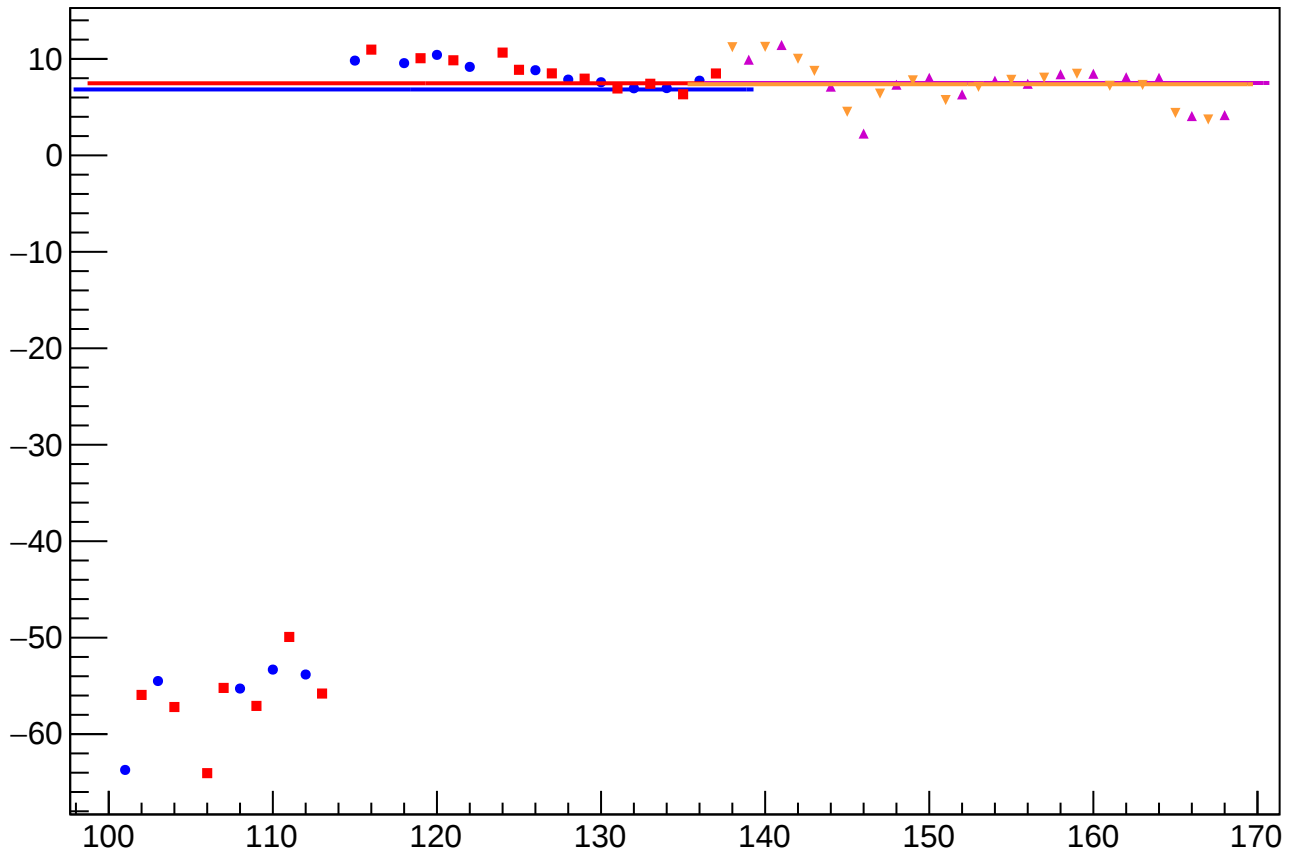
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

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

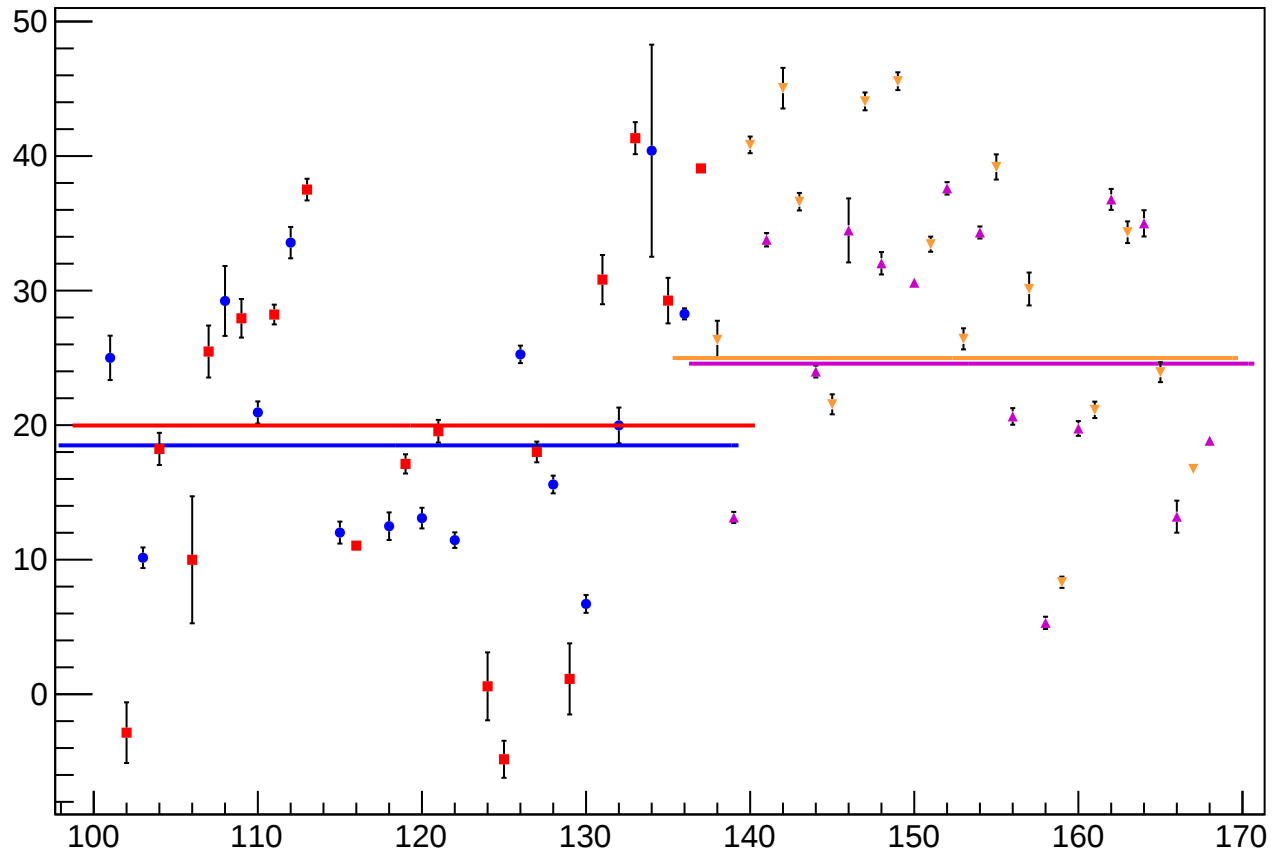
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

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

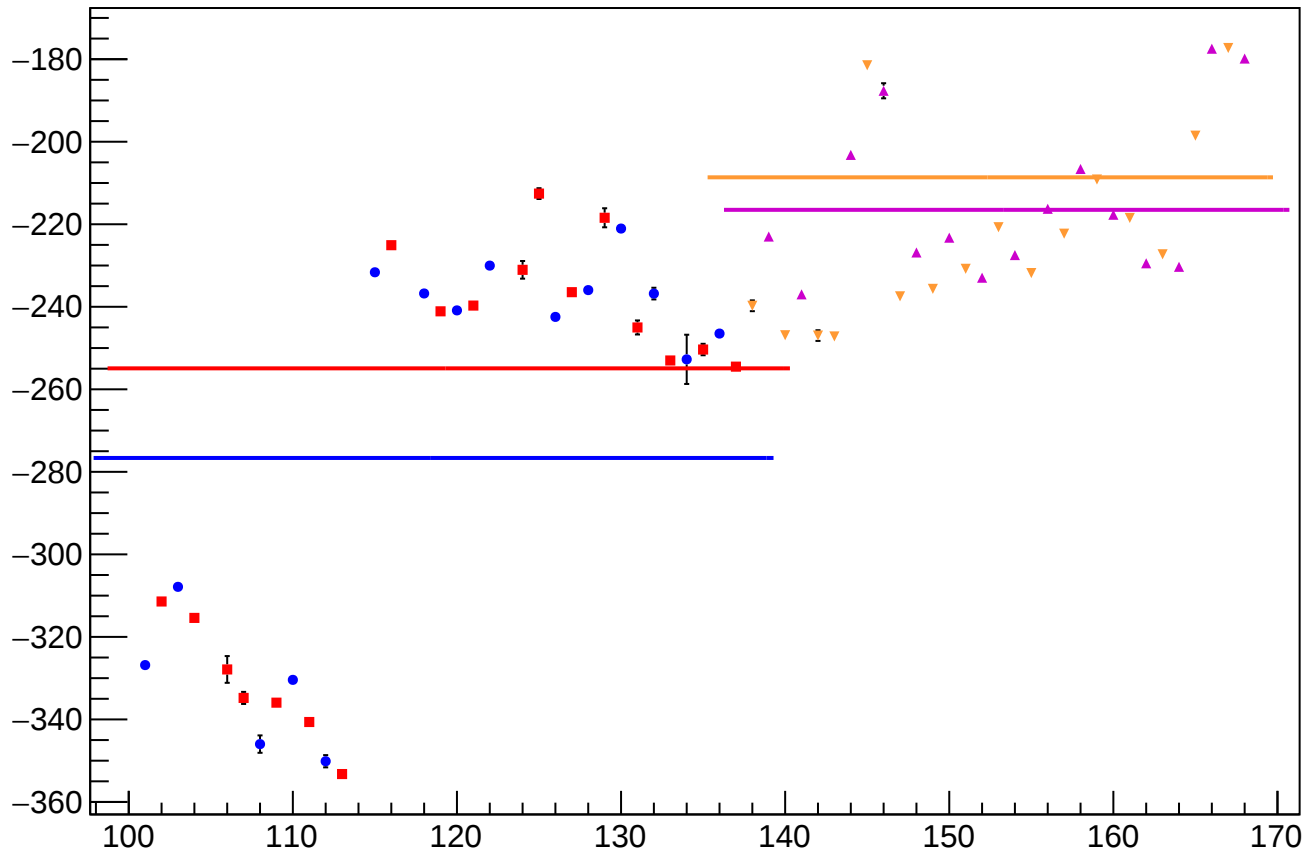
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

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 $\chi^2/\text{NDF}: 73129.6/30$

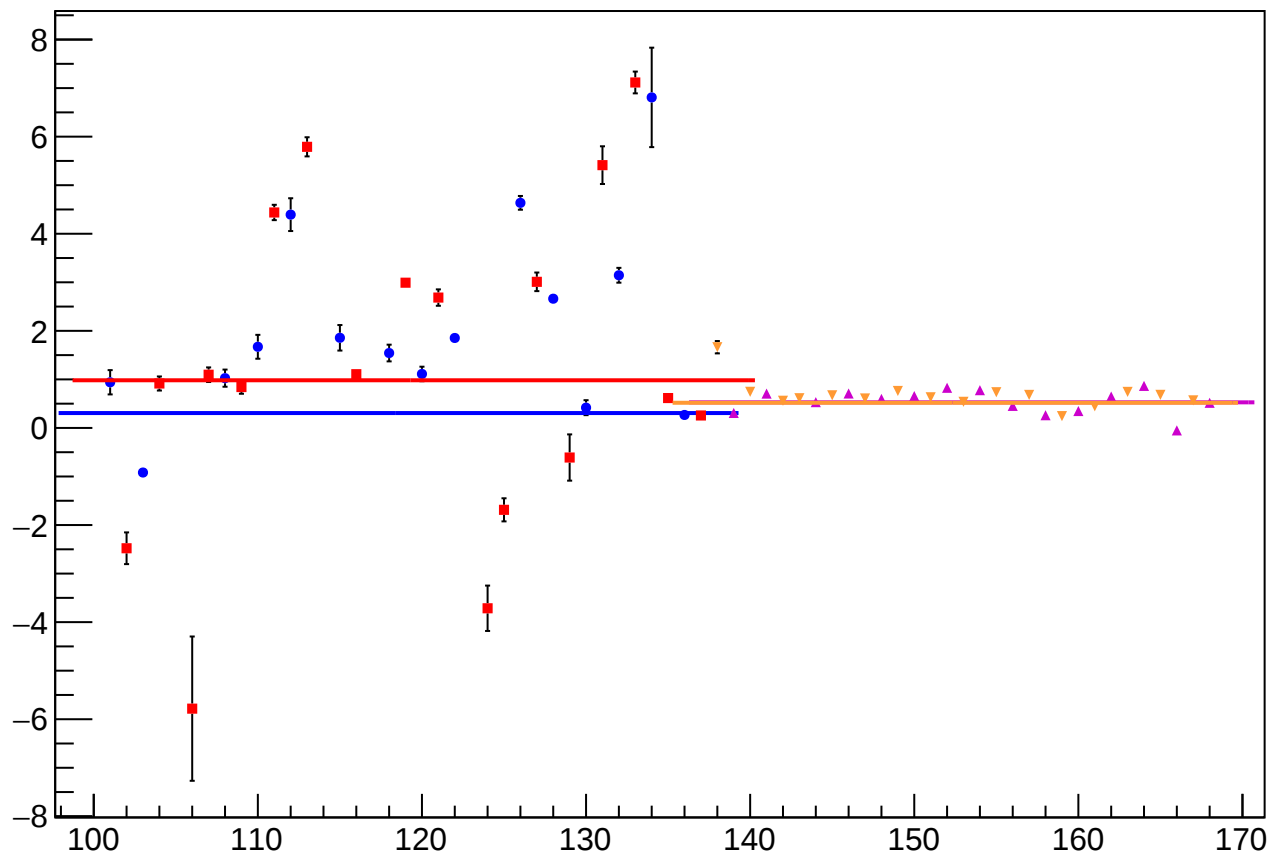
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

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

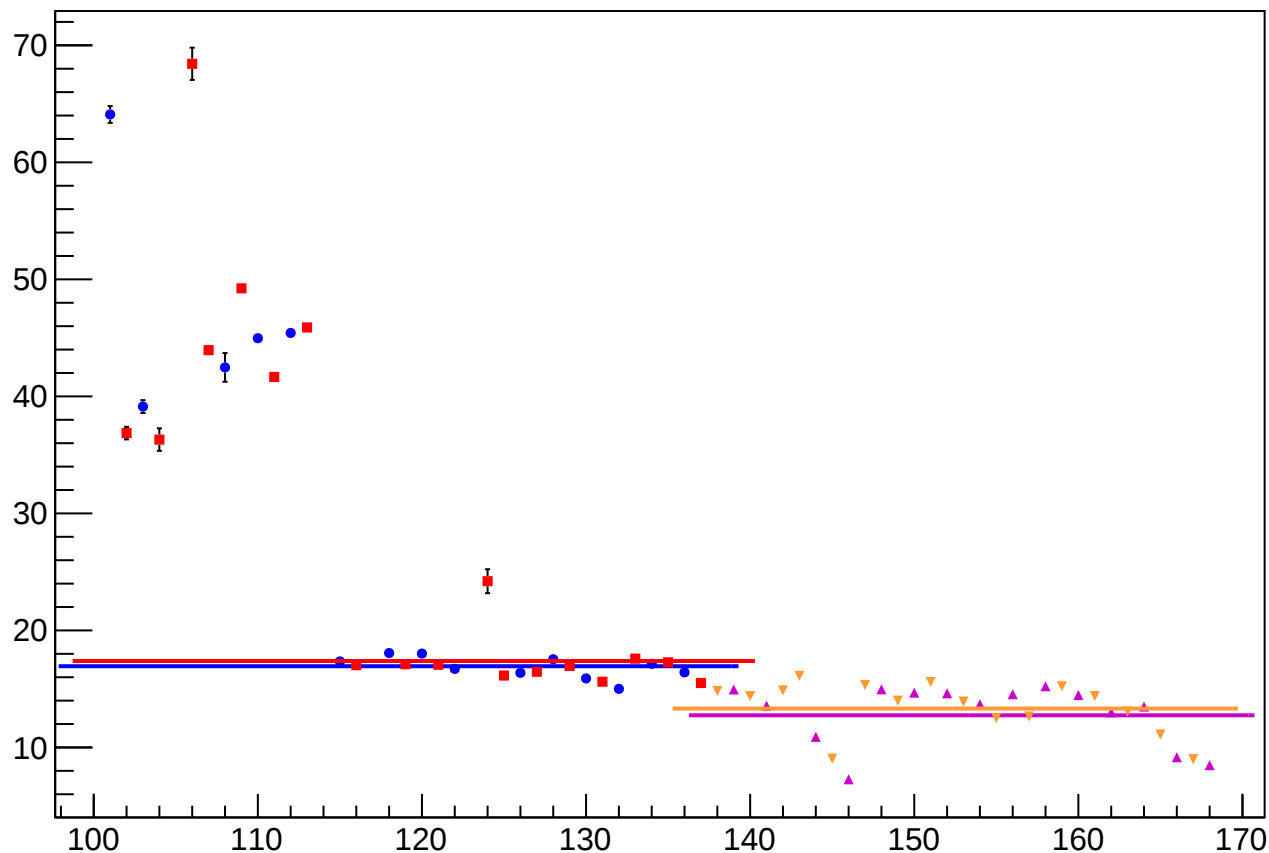
Right: 0.421+/-0.006 χ^2/NDF : 7919.2/32

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 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 13.324 ± 0.009 χ^2/NDF : 97990.5/15

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 12.747 ± 0.008 χ^2/NDF : 108335.0/14

Left: 13.017 ± 0.006 χ^2/NDF : 208646.3/30

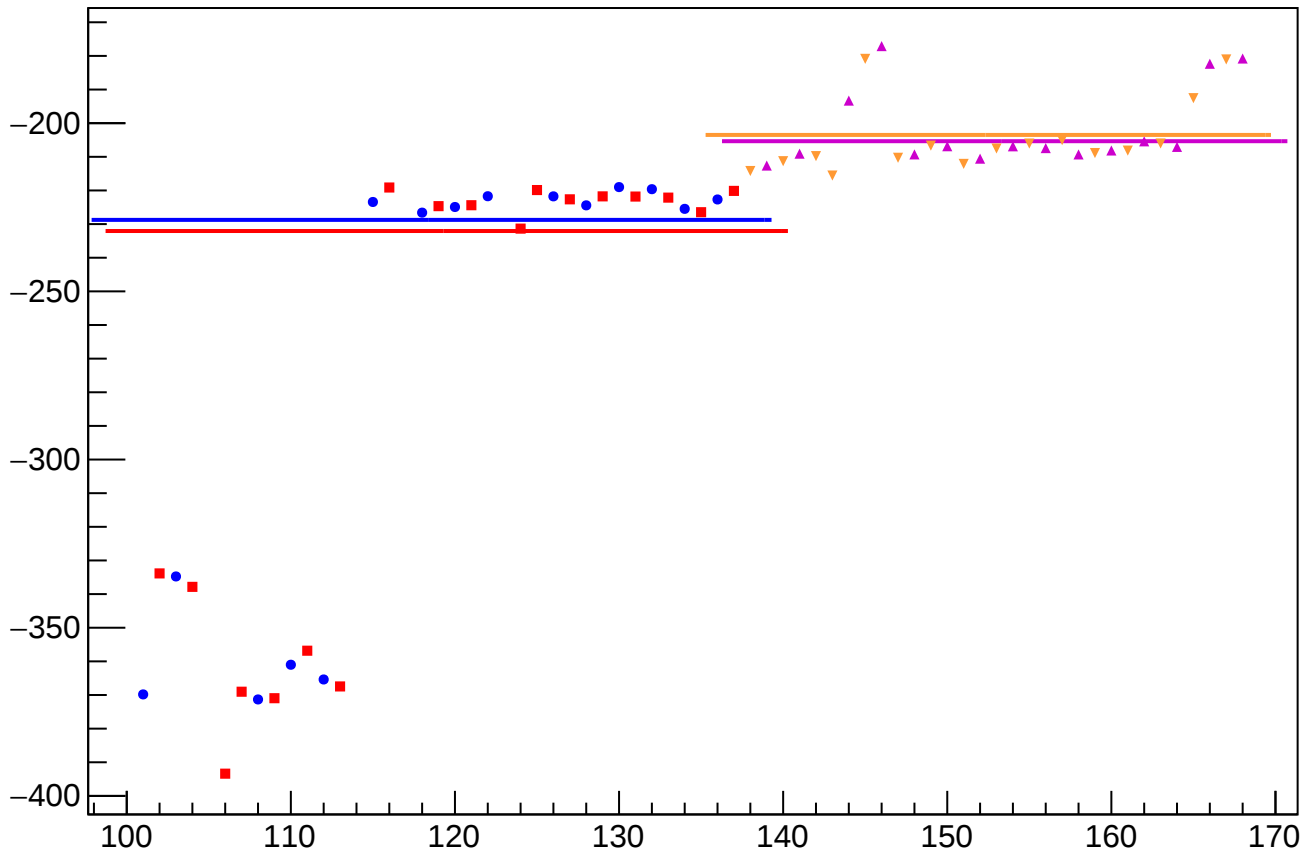
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 13.955 ± 0.007 χ^2/NDF : 212977.9/29

Out: 14.129 ± 0.008 χ^2/NDF : 201860.0/33

All: 14.031 ± 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 $\chi^2/\text{NDF}: 686546.9/30$

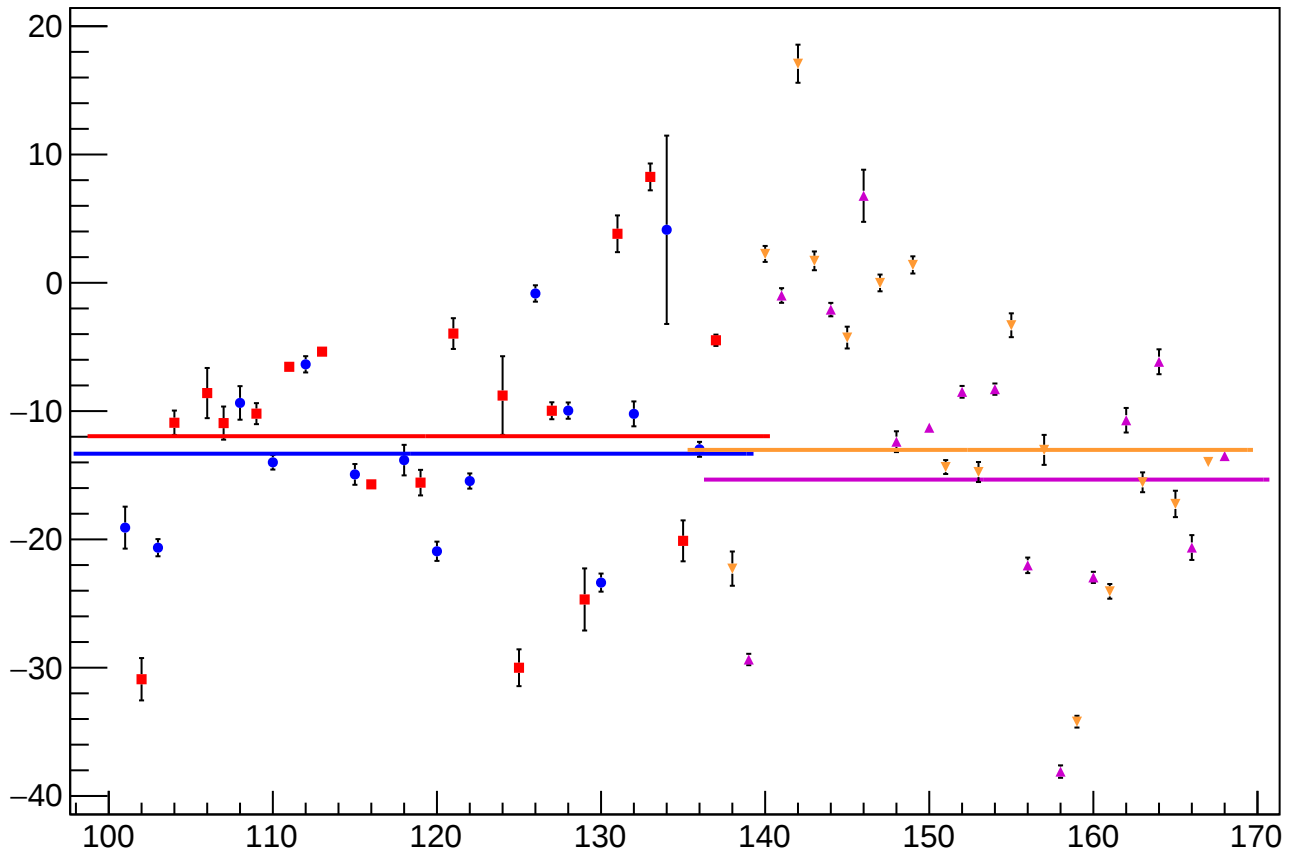
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

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



Right In: -13.321 $\pm$ 0.194 χ^2/NDF : 1013.0/14

Left Out: -13.024 $\pm$ 0.156 χ^2/NDF : 5095.6/15

Right Out: -11.956 $\pm$ 0.113 χ^2/NDF : 2487.2/17

Left In: -15.339 $\pm$ 0.135 χ^2/NDF : 5816.3/14

Left: -14.345 $\pm$ 0.102 χ^2/NDF : 11038.1/30

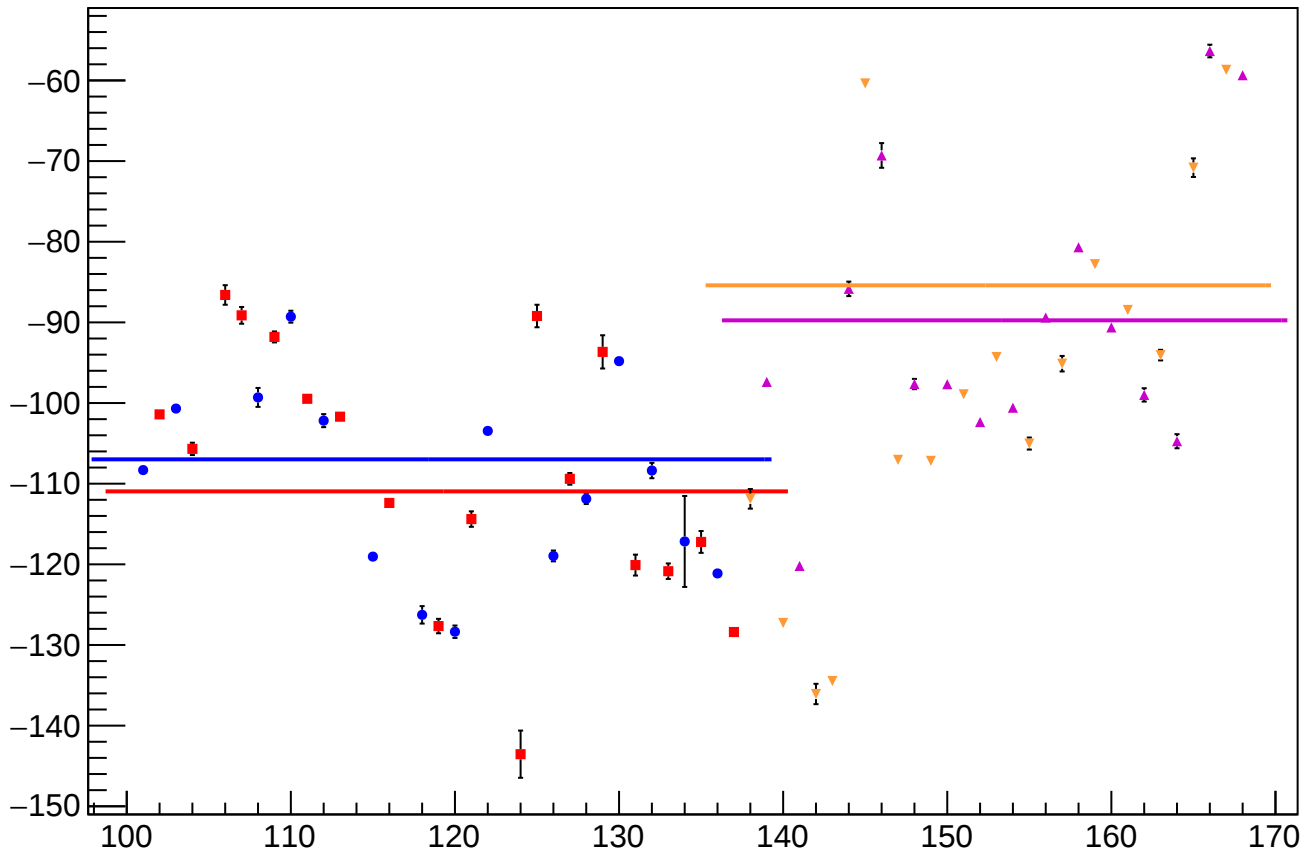
Right: -12.301 $\pm$ 0.097 χ^2/NDF : 3537.3/32

In: -14.679 $\pm$ 0.111 χ^2/NDF : 6902.4/29

Out: -12.323 $\pm$ 0.091 χ^2/NDF : 7613.7/33

All: -13.275 $\pm$ 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 $\chi^2/\text{NDF}: 63355.4/30$

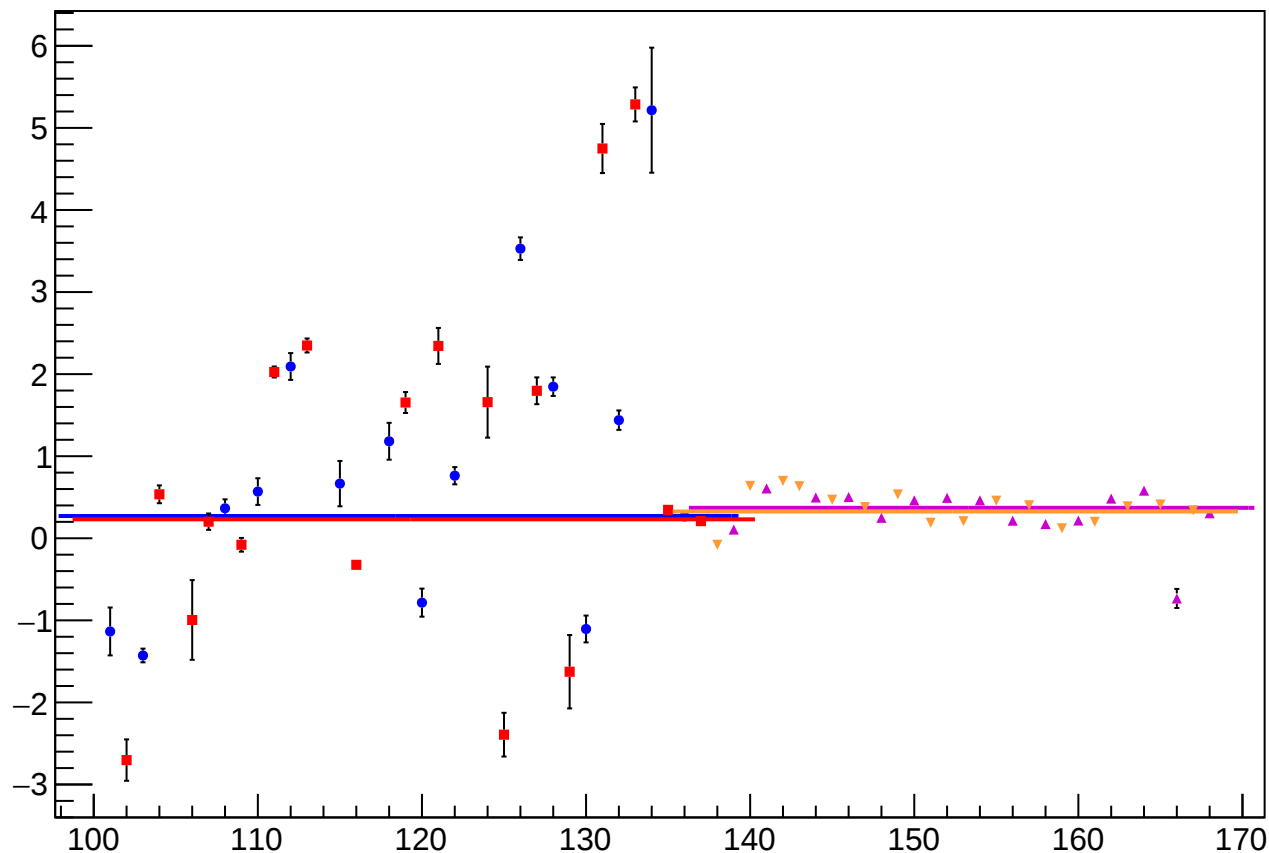
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

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 $\pm$ 0.005 χ^2 /NDF: 1612.2/14

Left Out: 0.326 $\pm$ 0.002 χ^2 /NDF: 6488.6/15

Right Out: 0.231 $\pm$ 0.004 χ^2 /NDF: 2907.8/17

Left In: 0.371 $\pm$ 0.002 χ^2 /NDF: 7763.5/14

Left: 0.352 $\pm$ 0.001 χ^2 /NDF: 14484.1/30

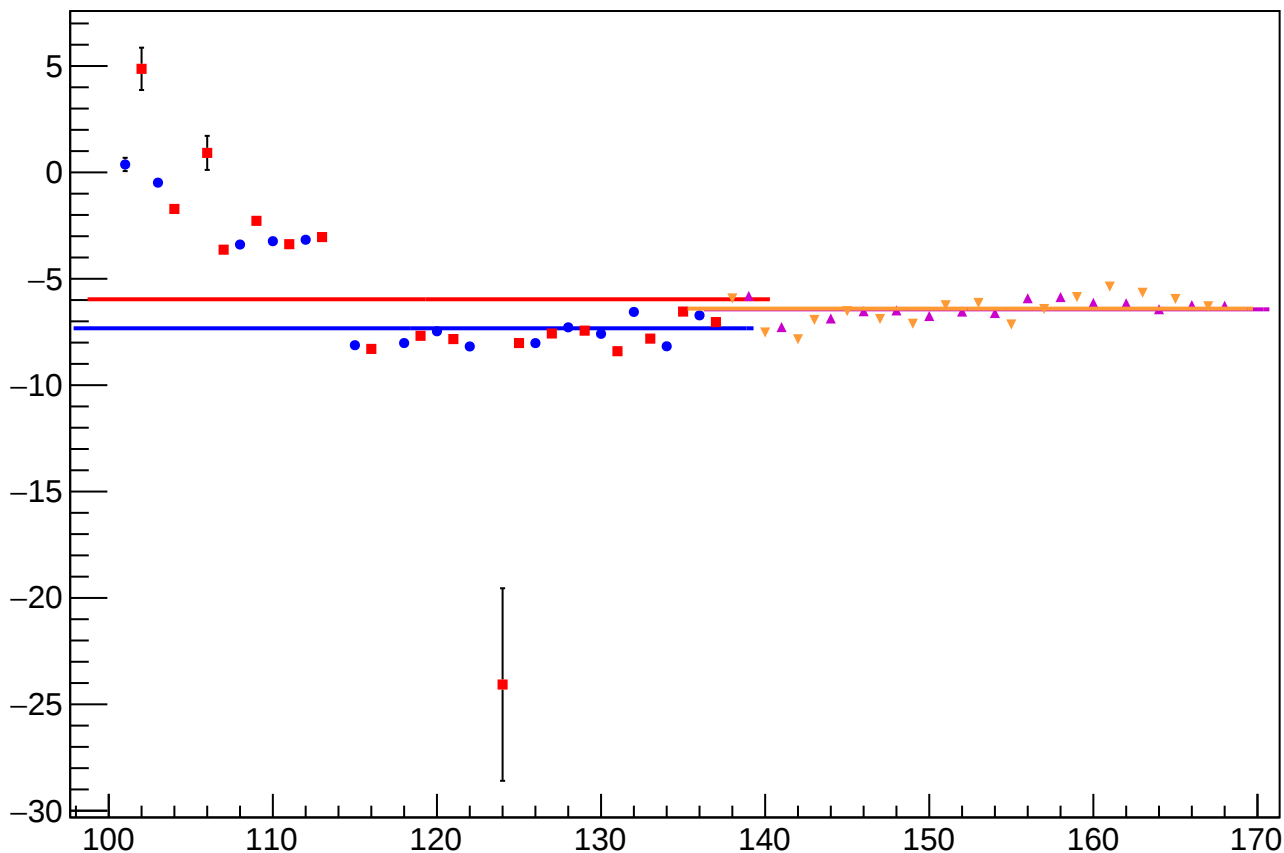
Right: 0.247 $\pm$ 0.003 χ^2 /NDF: 4554.2/32

In: 0.359 $\pm$ 0.002 χ^2 /NDF: 9685.9/29

Out: 0.307 $\pm$ 0.002 χ^2 /NDF: 9768.9/33

All: 0.335 $\pm$ 0.001 χ^2 /NDF: 19832.7/63

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.402 ± 0.006 $\chi^2/\text{NDF}: 5995.5/15$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.436 ± 0.005 $\chi^2/\text{NDF}: 5505.2/14$

Left: -6.420 ± 0.004 $\chi^2/\text{NDF}: 11519.6/30$

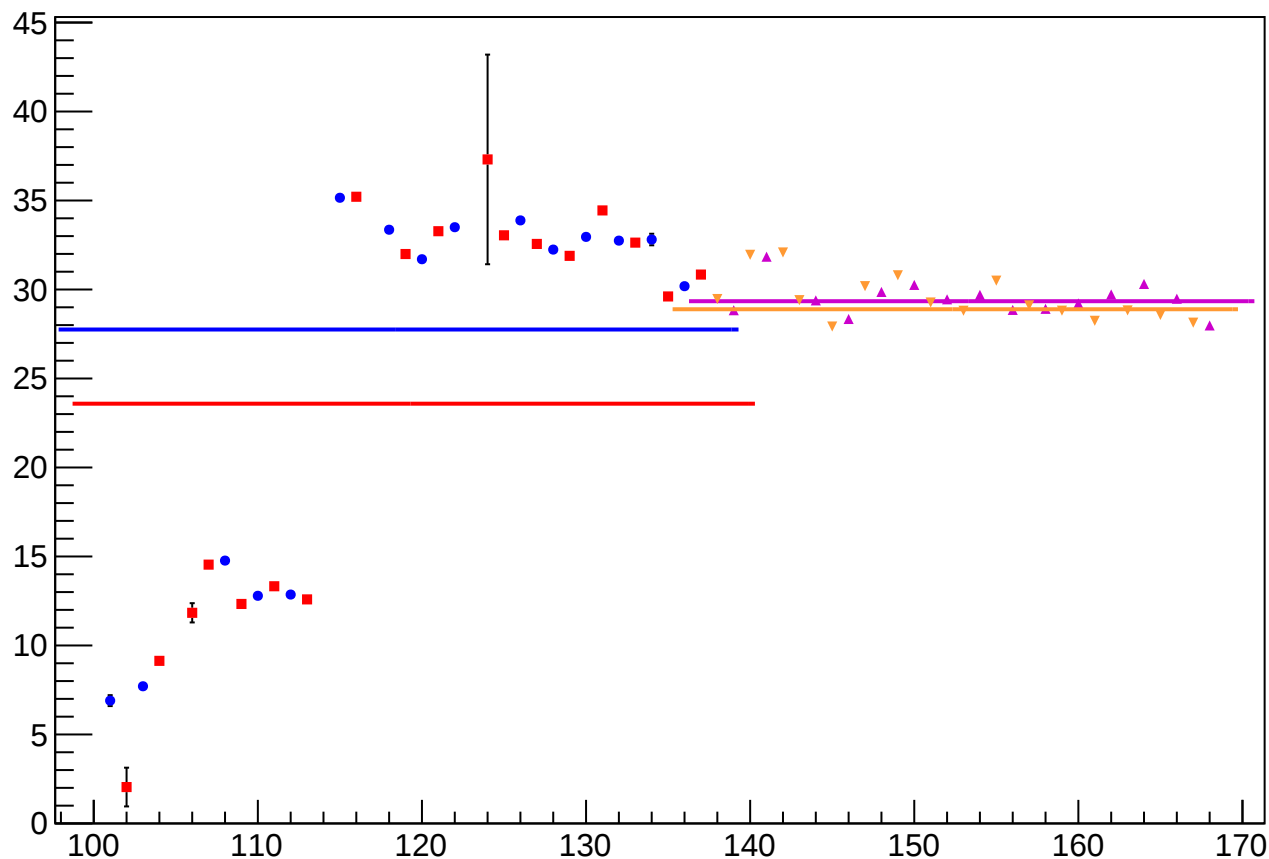
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.701 ± 0.005 $\chi^2/\text{NDF}: 43940.0/29$

Out: -6.273 ± 0.005 $\chi^2/\text{NDF}: 79563.8/33$

All: -6.496 ± 0.003 $\chi^2/\text{NDF}: 127705.4/63$

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

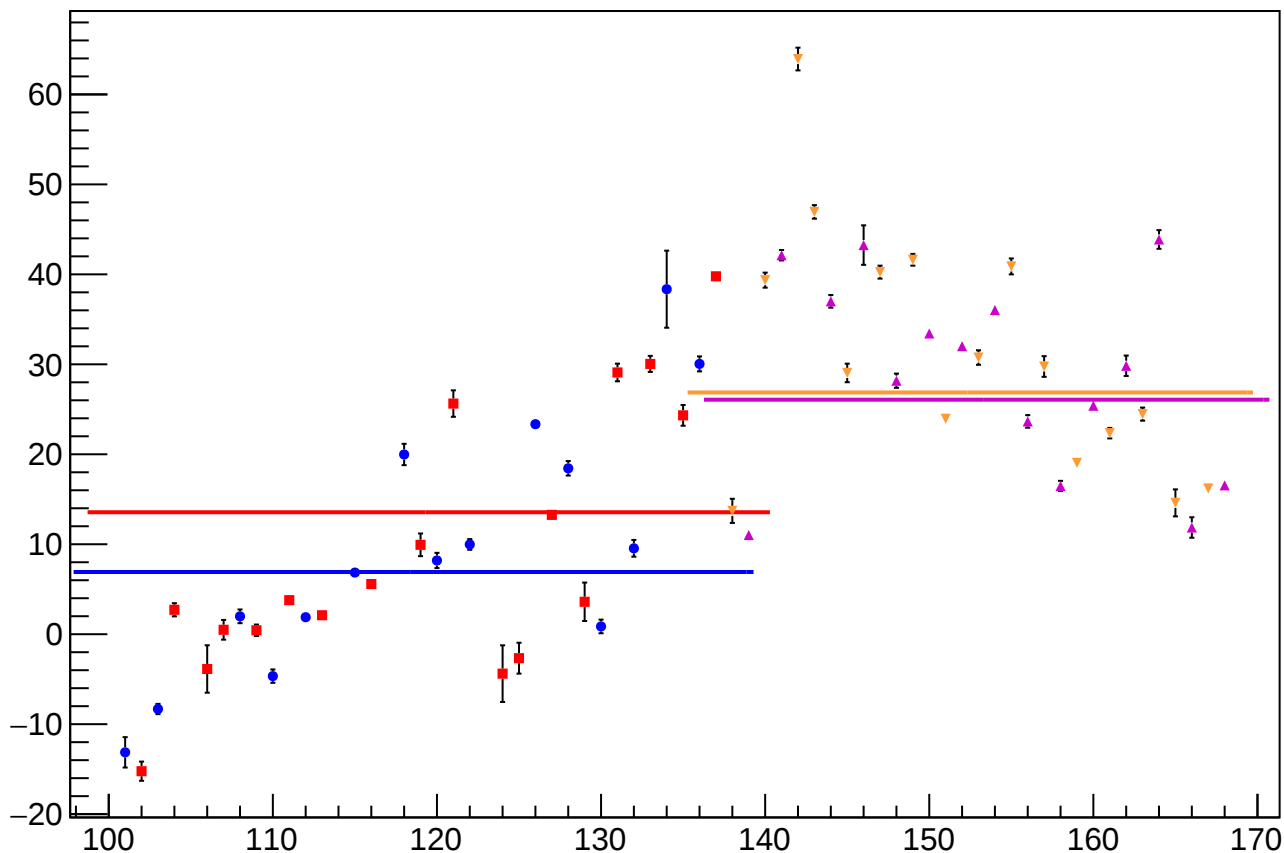
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

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

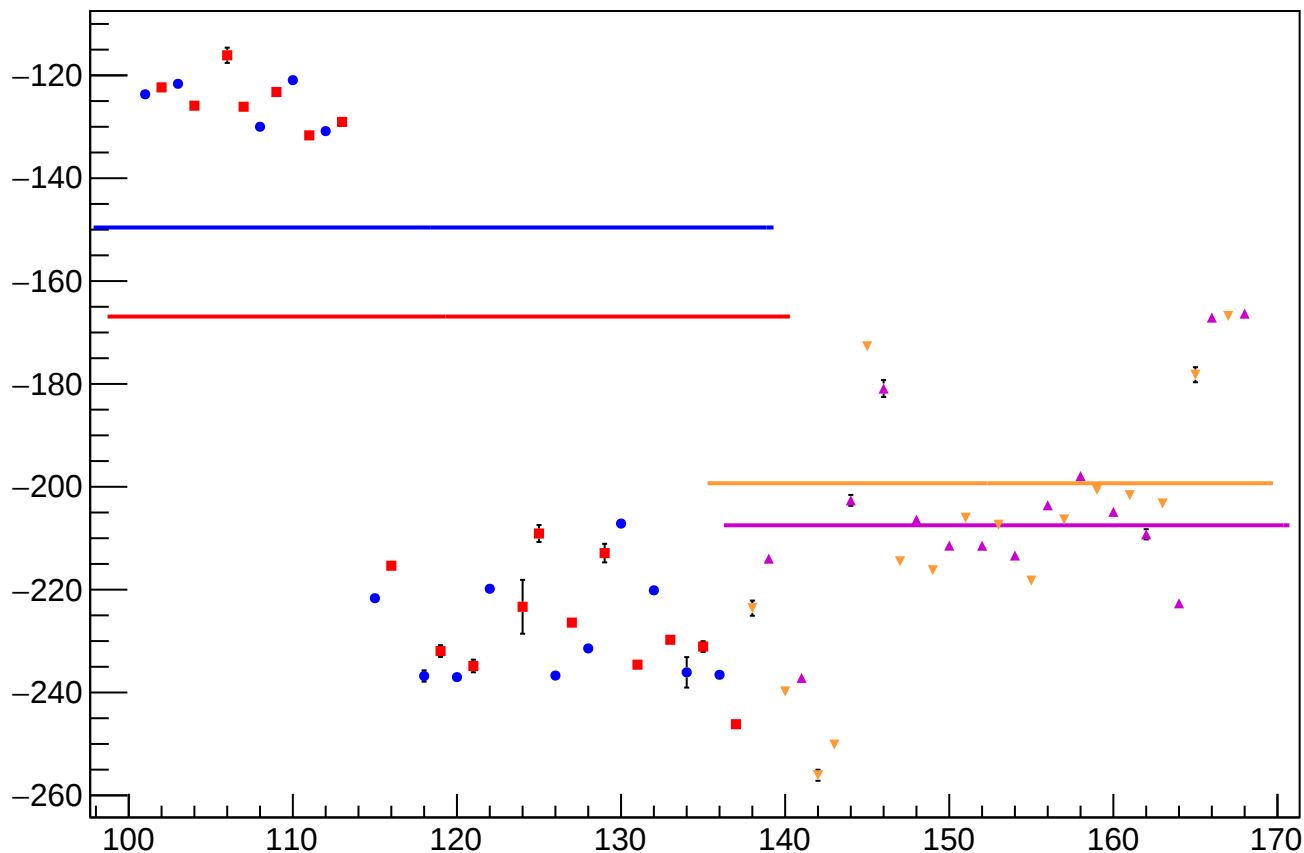
dit_sam4_4aX_slope vs Slug, Sign Corrected



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

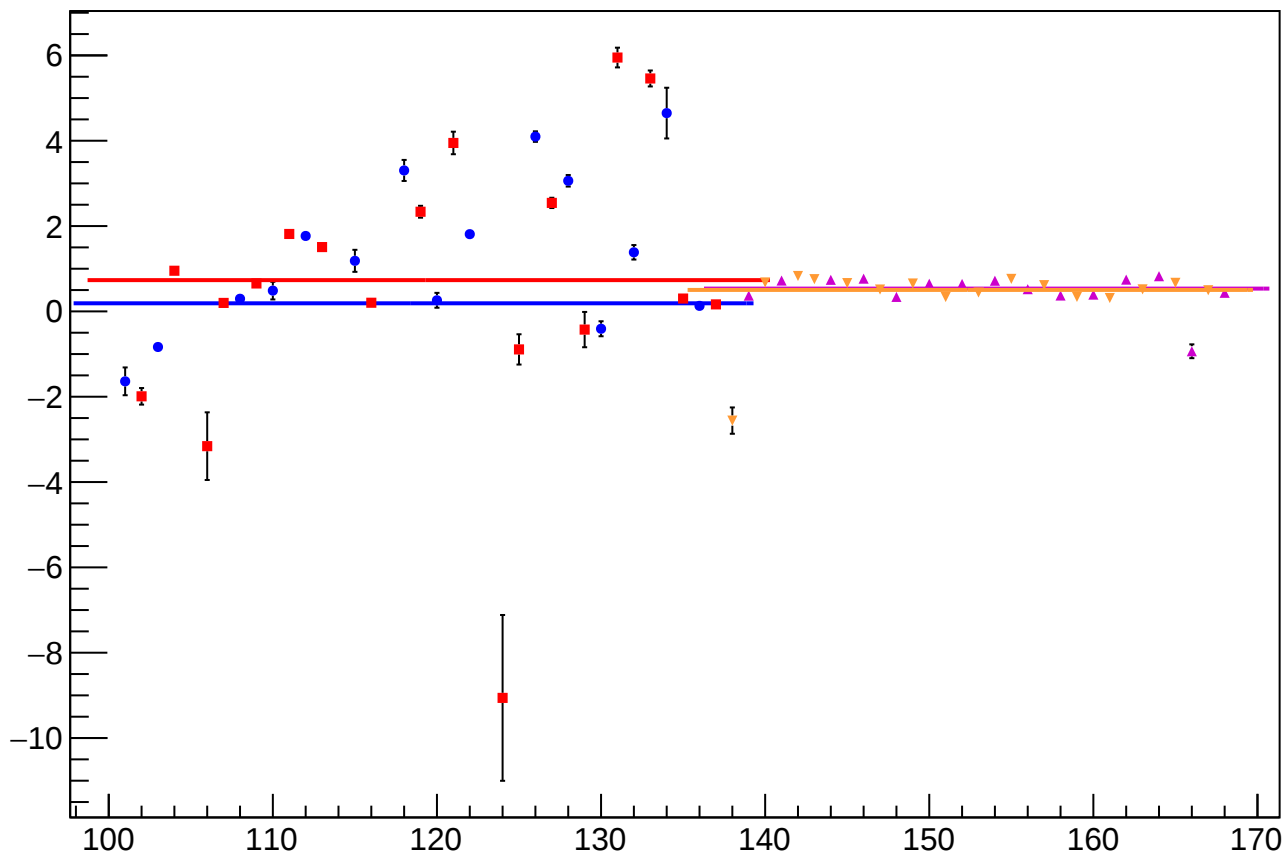
Right: -158.264 +/- 0.071 χ^2/NDF : 505360.9/32

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

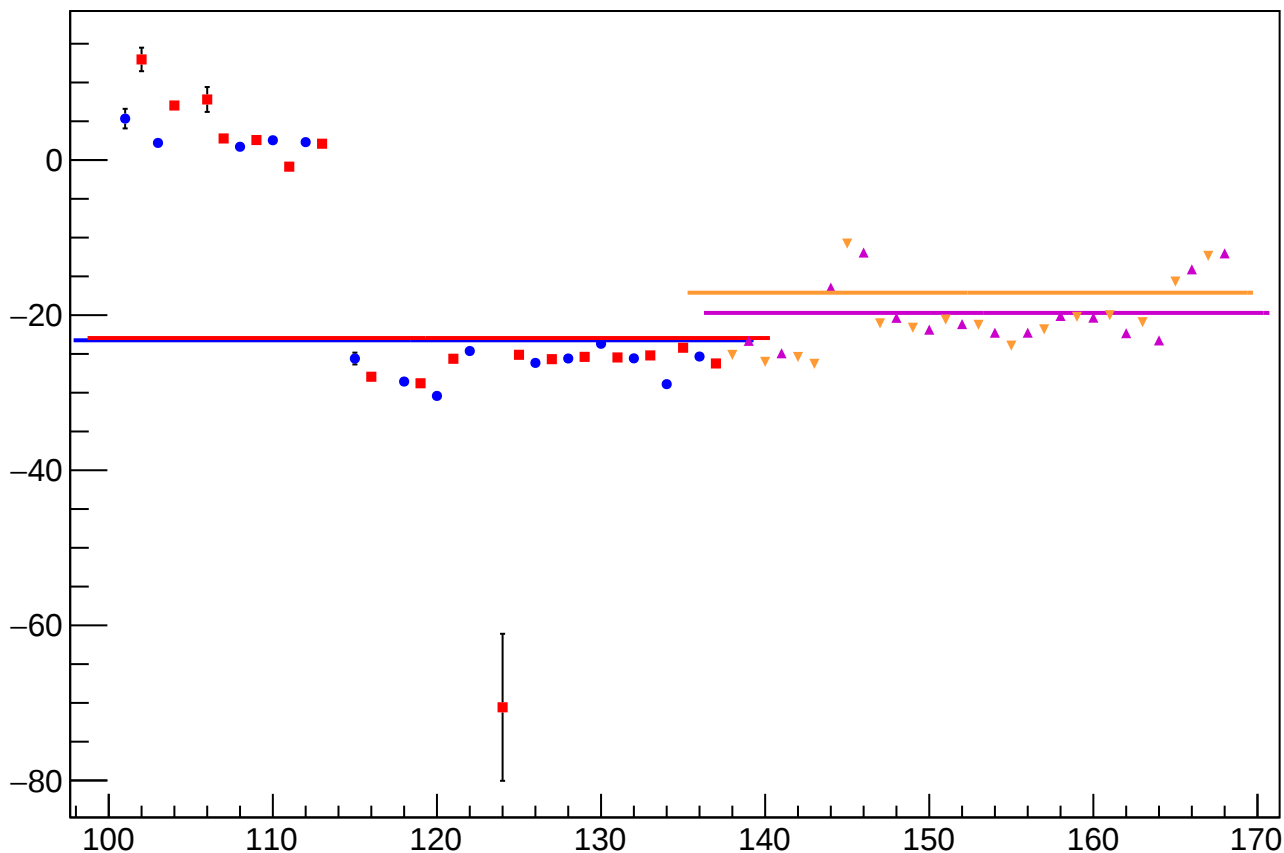
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

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 $\chi^2/\text{NDF}: 215362.7/30$

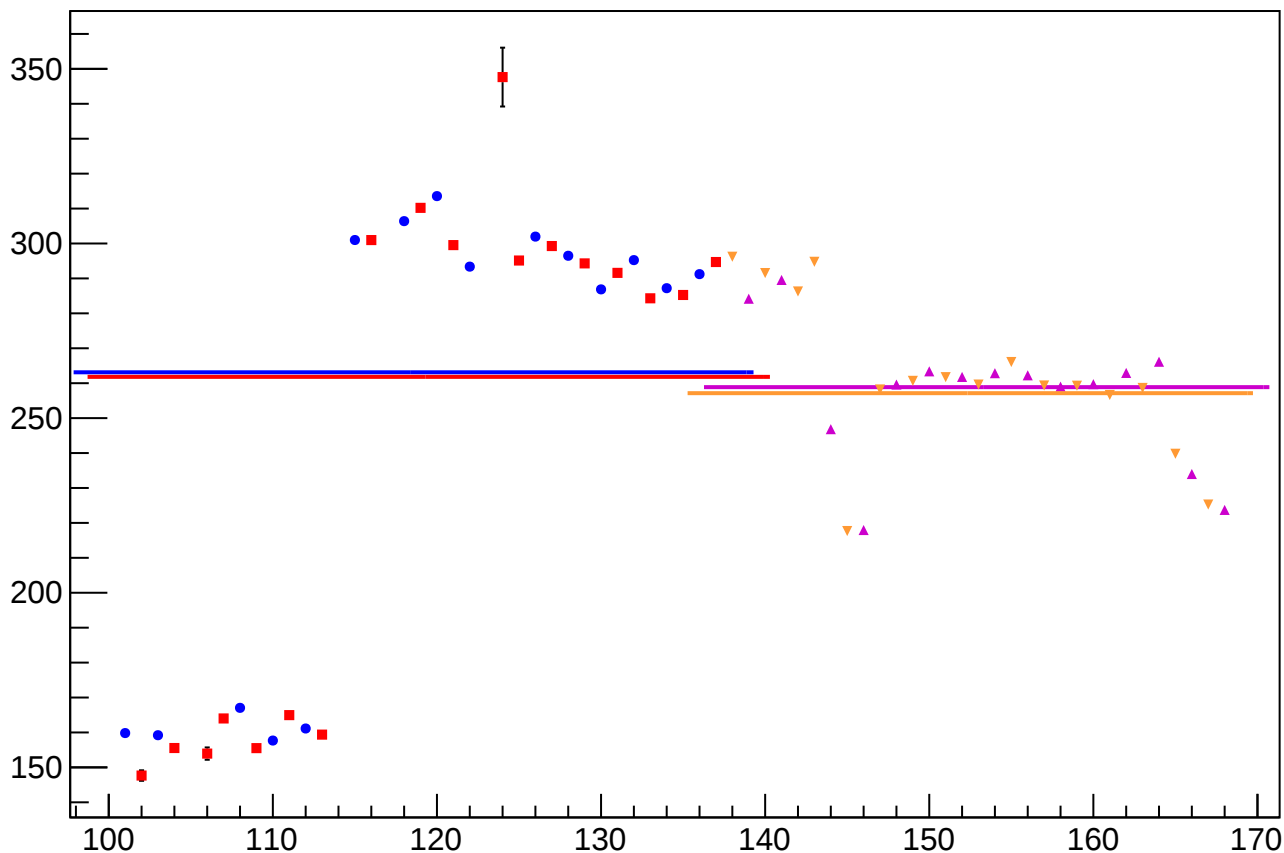
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

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

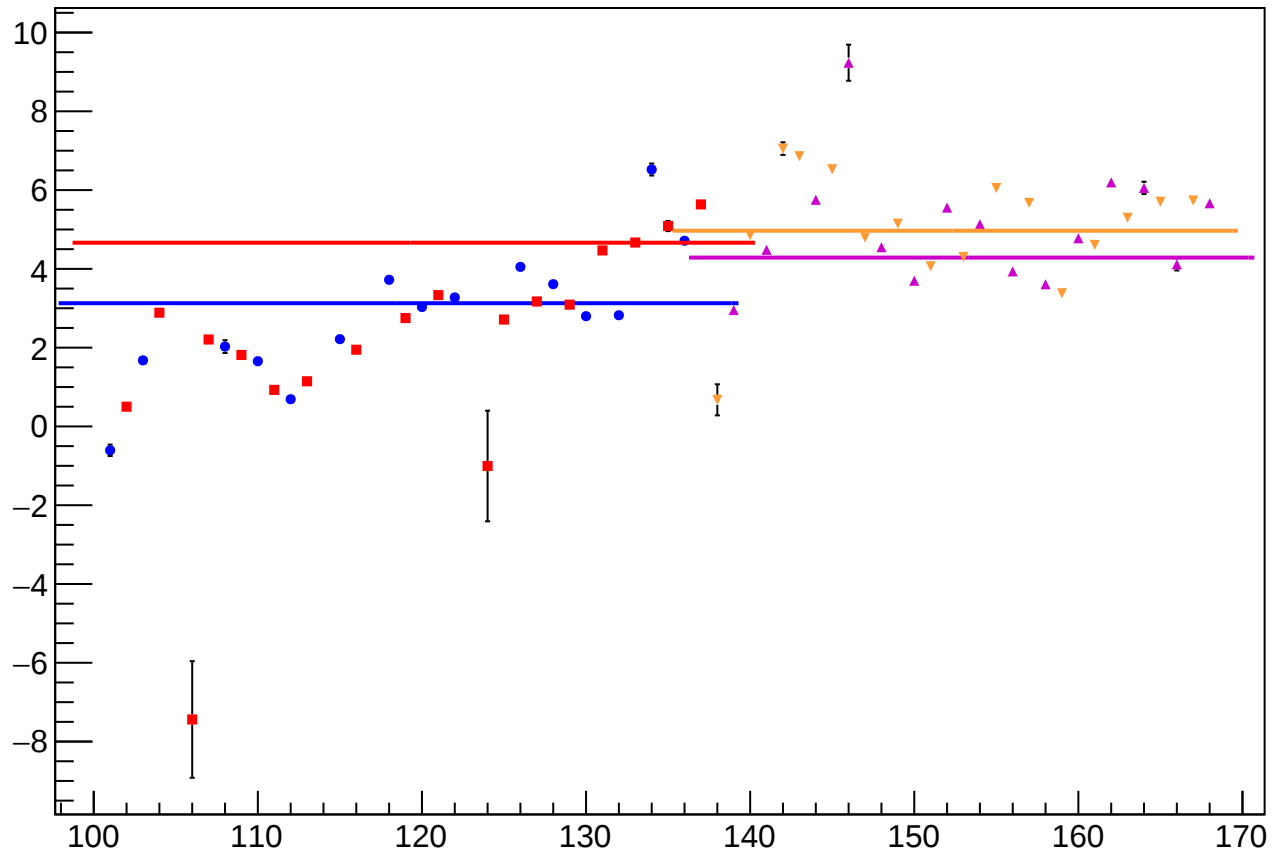
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

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 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.968 ± 0.016 $\chi^2/\text{NDF}: 2356.6/15$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.286 ± 0.015 $\chi^2/\text{NDF}: 3704.8/14$

Left: 4.614 ± 0.011 $\chi^2/\text{NDF}: 7023.7/30$

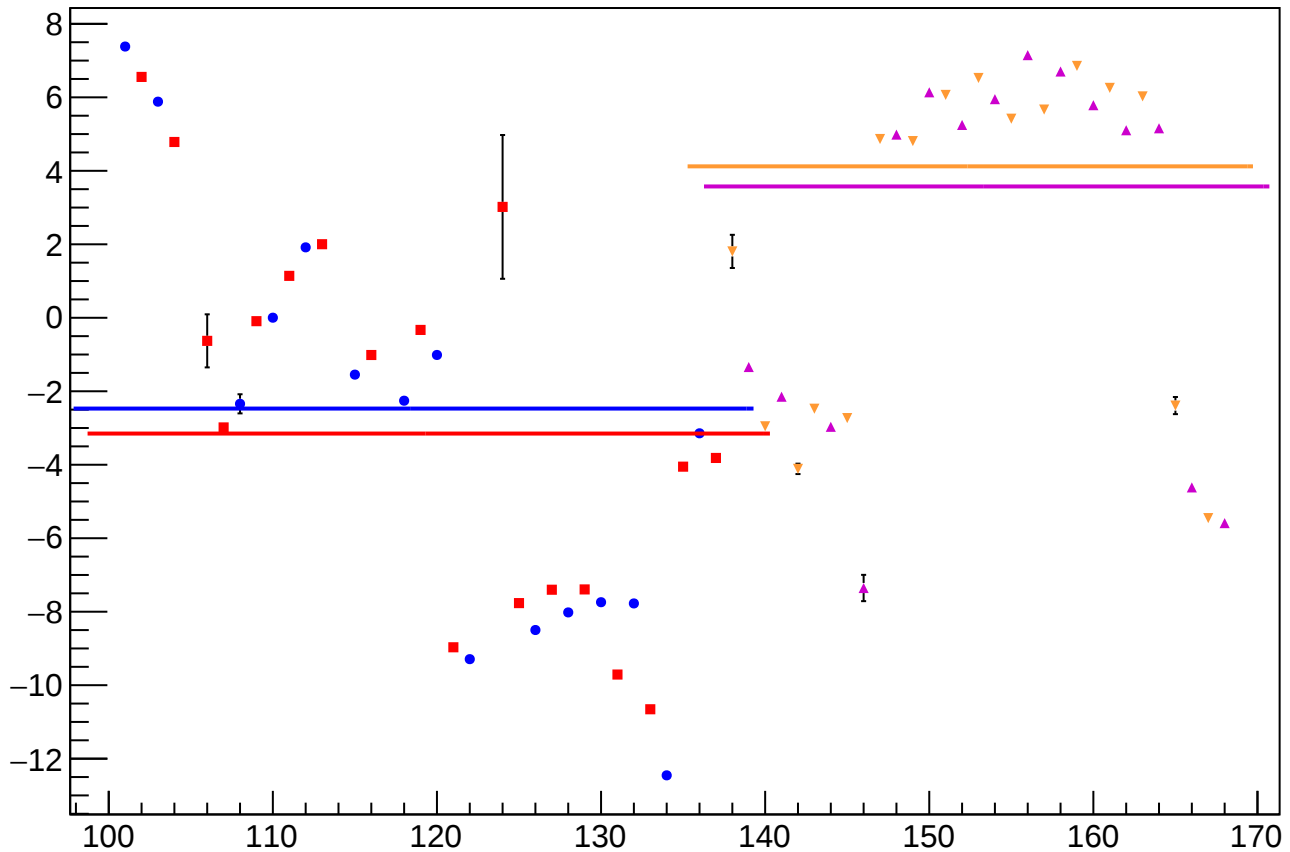
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.727 ± 0.011 $\chi^2/\text{NDF}: 12163.1/29$

Out: 4.706 ± 0.006 $\chi^2/\text{NDF}: 69535.9/33$

All: 4.486 ± 0.005 $\chi^2/\text{NDF}: 87901.3/63$

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 $\chi^2/\text{NDF}: 166191.3/30$

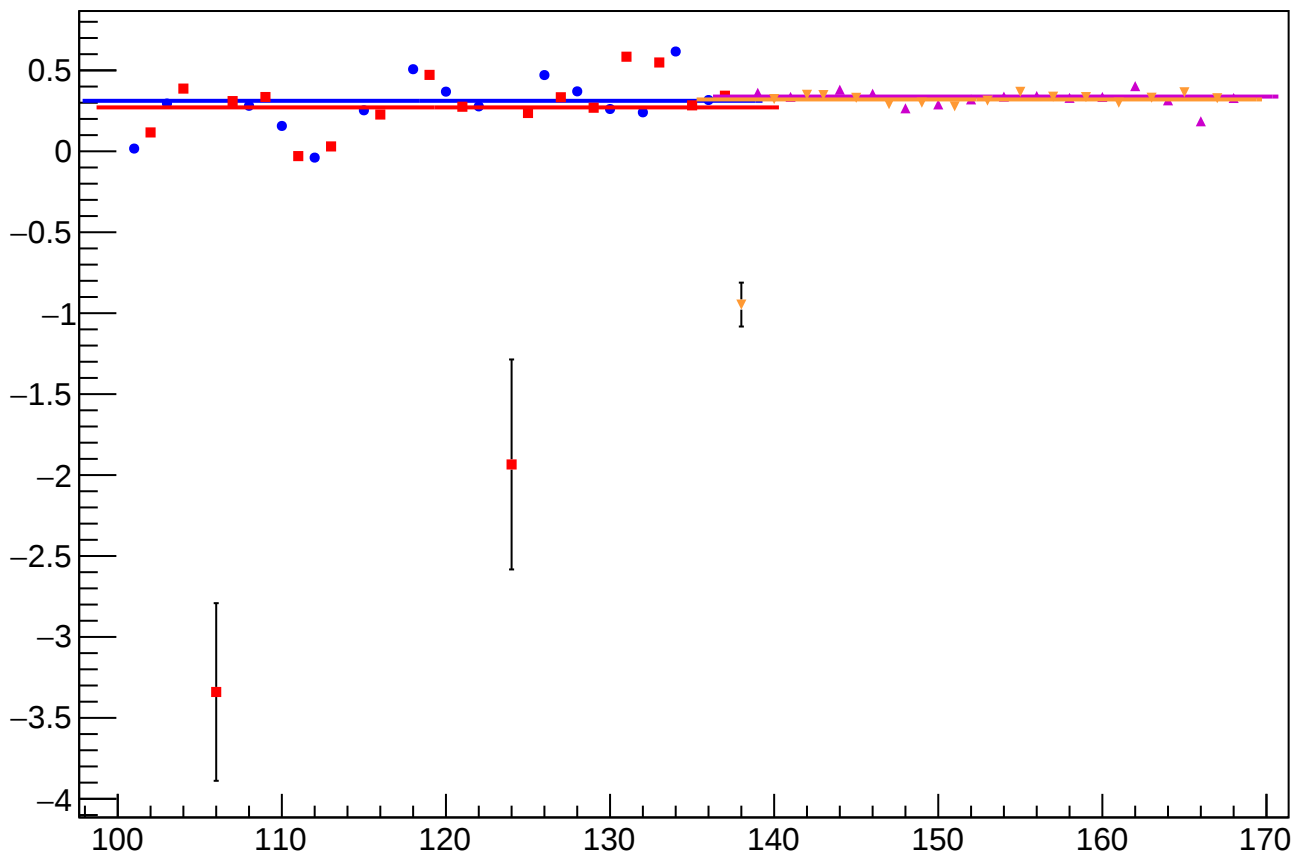
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

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 $\chi^2/\text{NDF}: 4736.1/30$

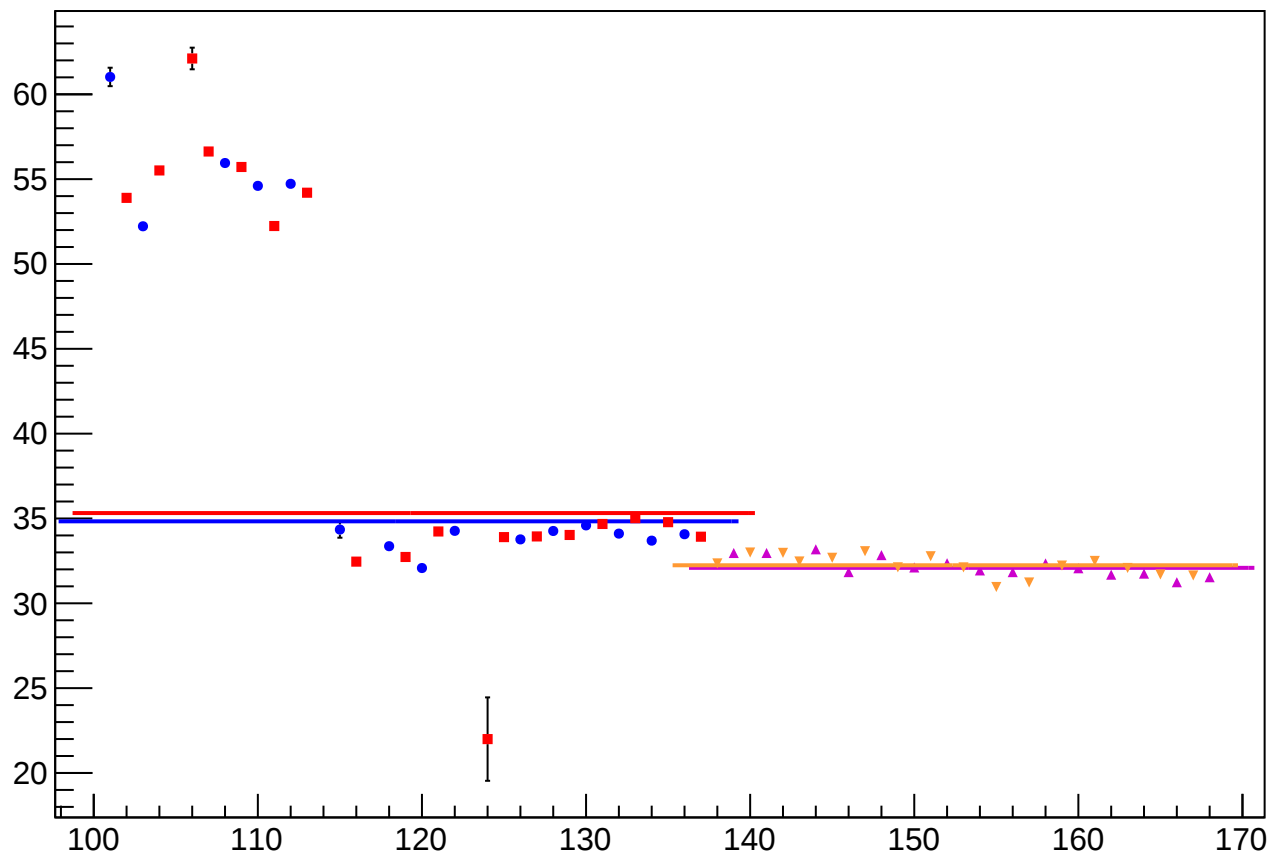
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

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

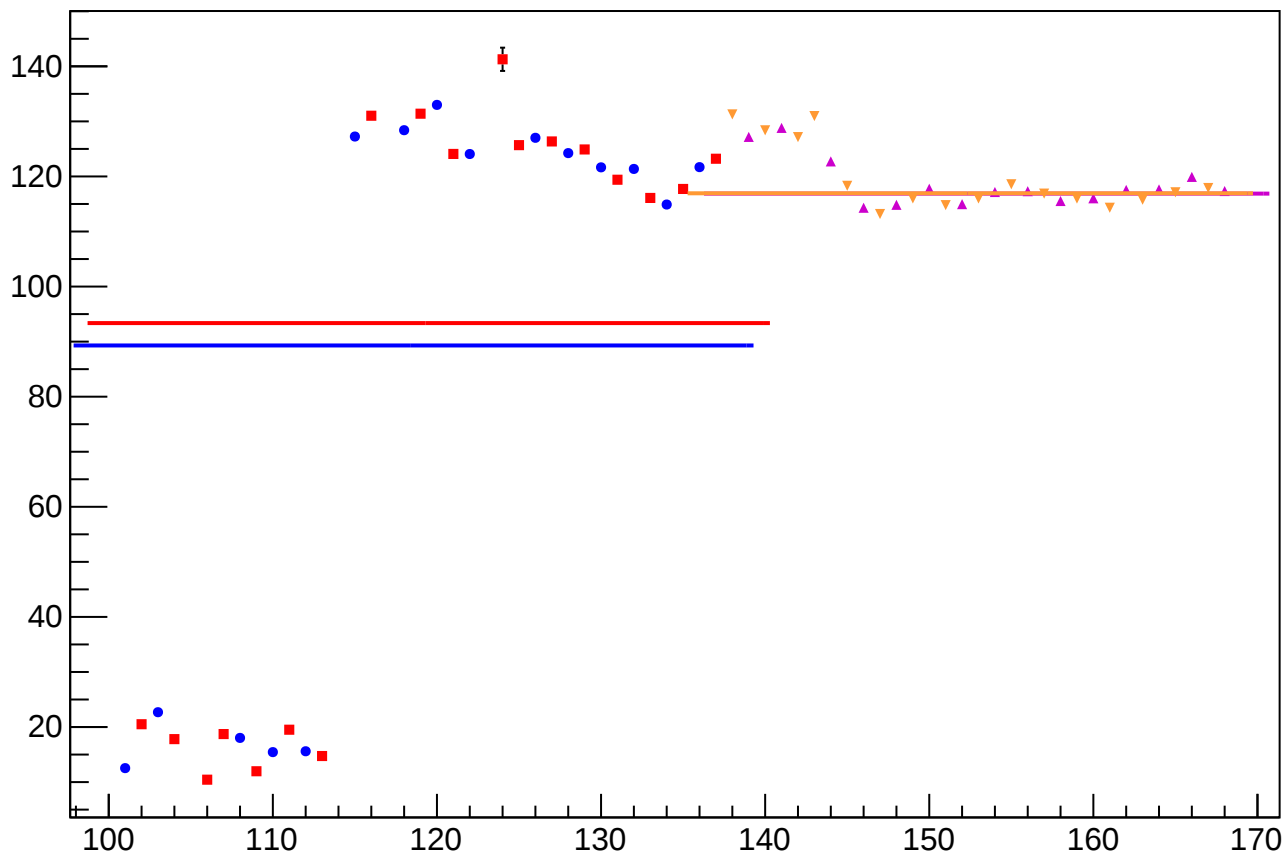
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

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 $\chi^2/\text{NDF}: 163190.2/30$

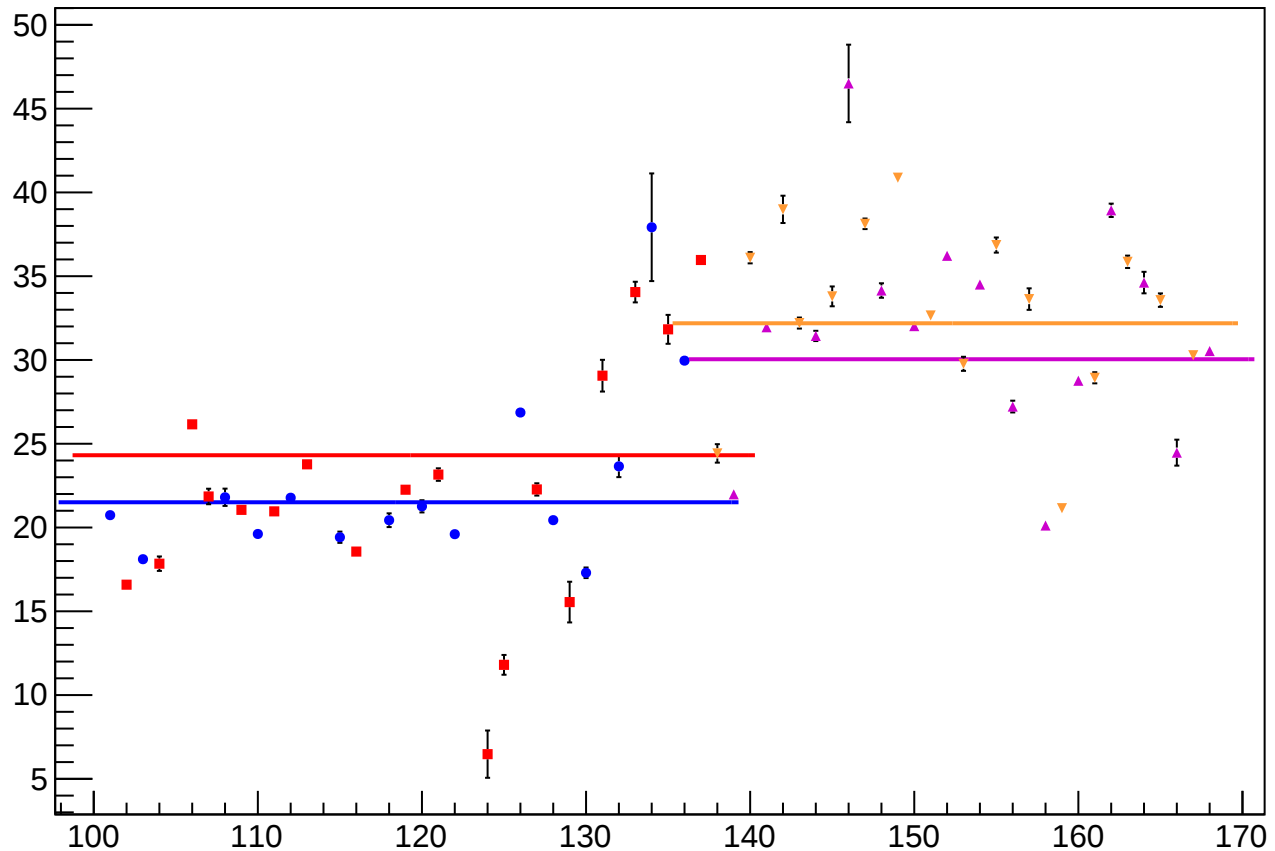
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

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 $\chi^2/\text{NDF}: 8902.6/30$

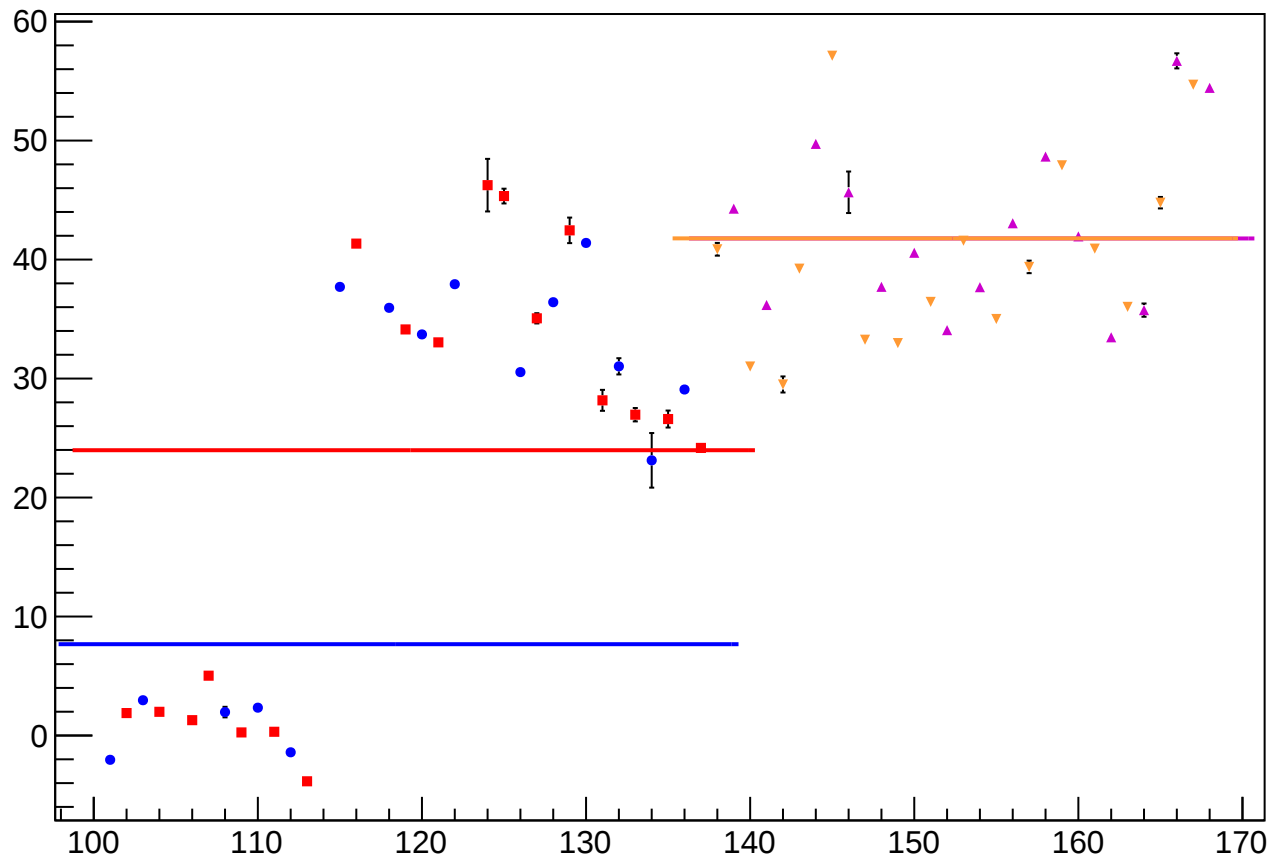
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

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 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 41.781 ± 0.071 $\chi^2/\text{NDF}: 14135.6/15$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 41.773 ± 0.062 $\chi^2/\text{NDF}: 8455.1/14$

Left: 41.777 ± 0.047 $\chi^2/\text{NDF}: 22590.7/30$

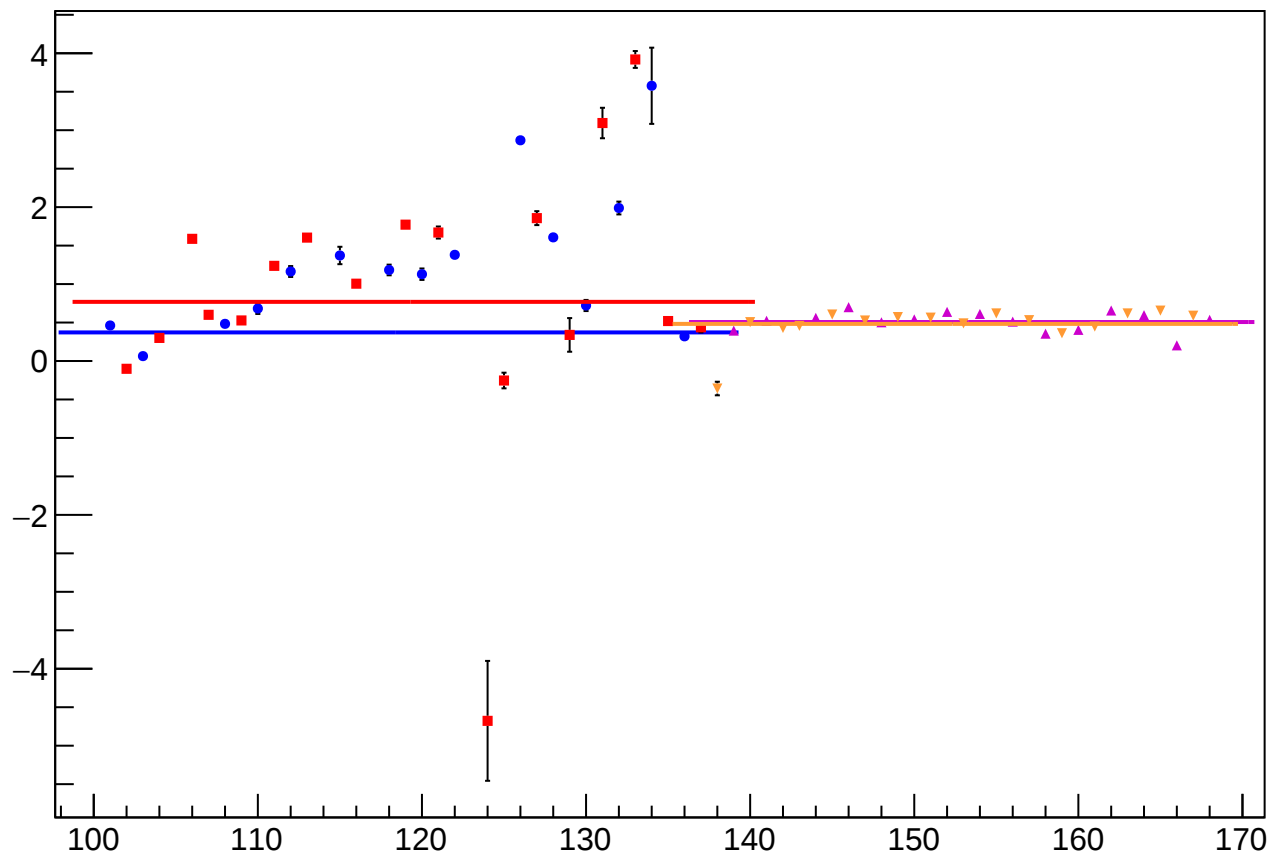
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 19.506 ± 0.037 $\chi^2/\text{NDF}: 302044.0/29$

Out: 24.213 ± 0.008 $\chi^2/\text{NDF}: 187530.3/33$

All: 23.992 ± 0.008 $\chi^2/\text{NDF}: 505379.2/63$

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

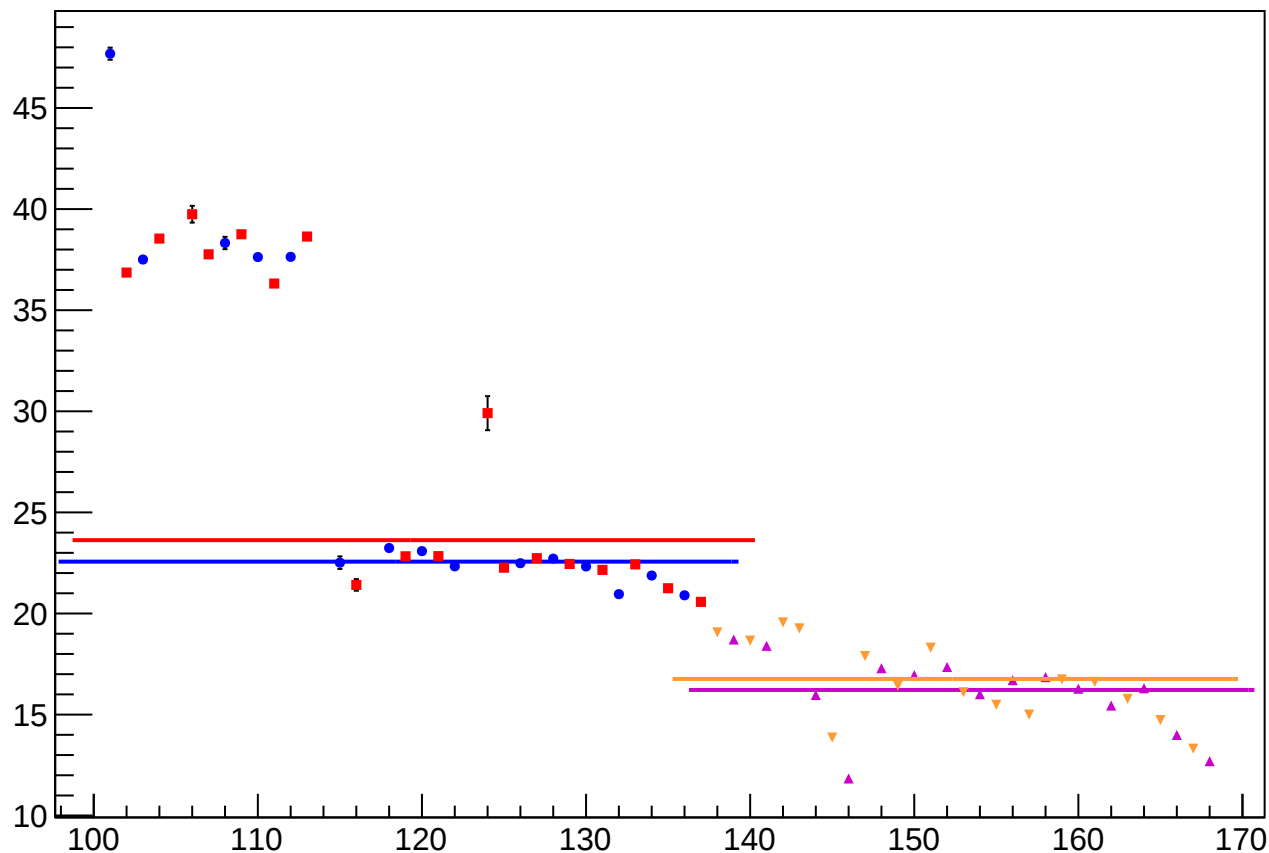
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

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 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 16.764 ± 0.007 $\chi^2/\text{NDF}: 73382.0/15$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.219 ± 0.007 $\chi^2/\text{NDF}: 52315.0/14$

Left: 16.508 ± 0.005 $\chi^2/\text{NDF}: 128692.8/30$

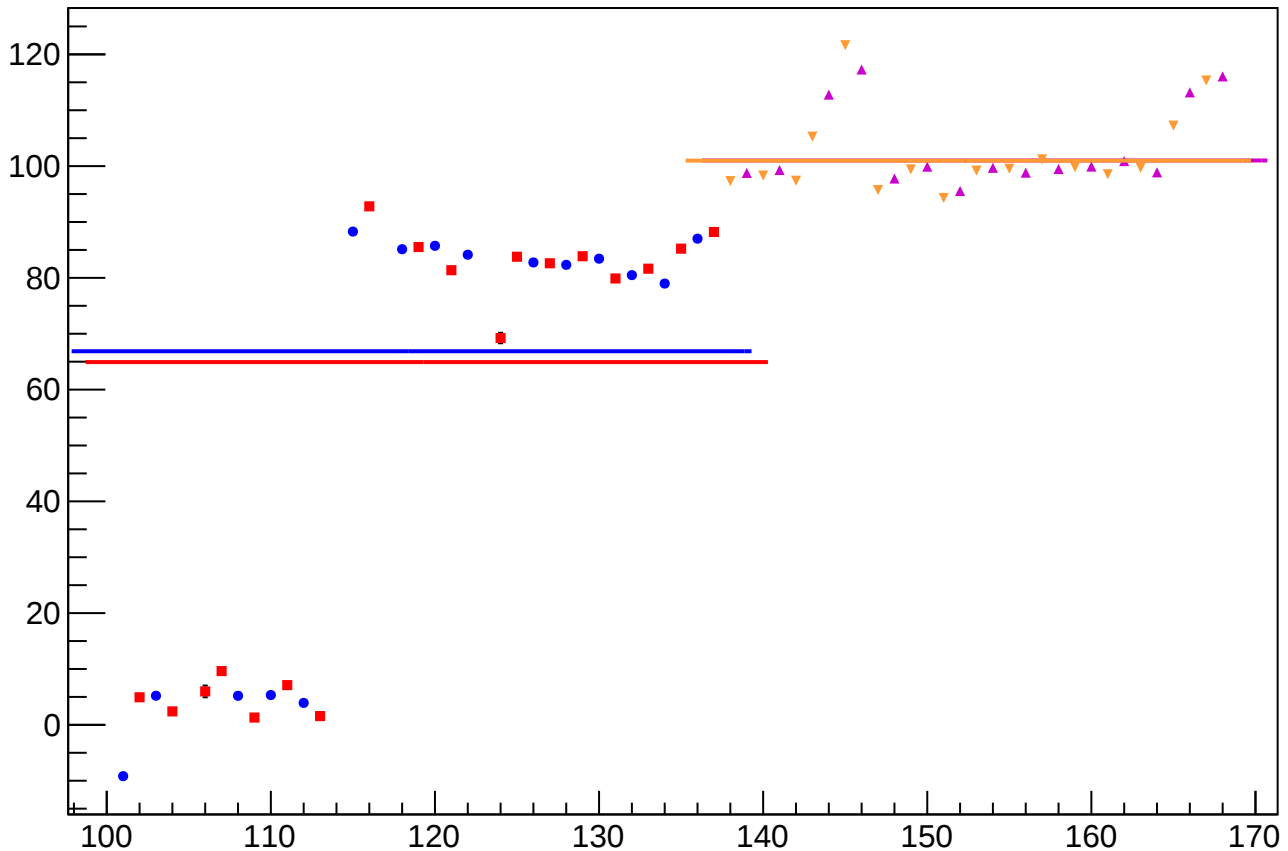
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 18.356 ± 0.006 $\chi^2/\text{NDF}: 403222.7/29$

Out: 18.613 ± 0.006 $\chi^2/\text{NDF}: 469831.5/33$

All: 18.487 ± 0.004 $\chi^2/\text{NDF}: 874015.9/63$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 100.984+/-0.013 χ^2/NDF : 200646.8/15

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 101.011+/-0.012 χ^2/NDF : 175124.5/14

Left: 100.998+/-0.009 χ^2/NDF : 375773.5/30

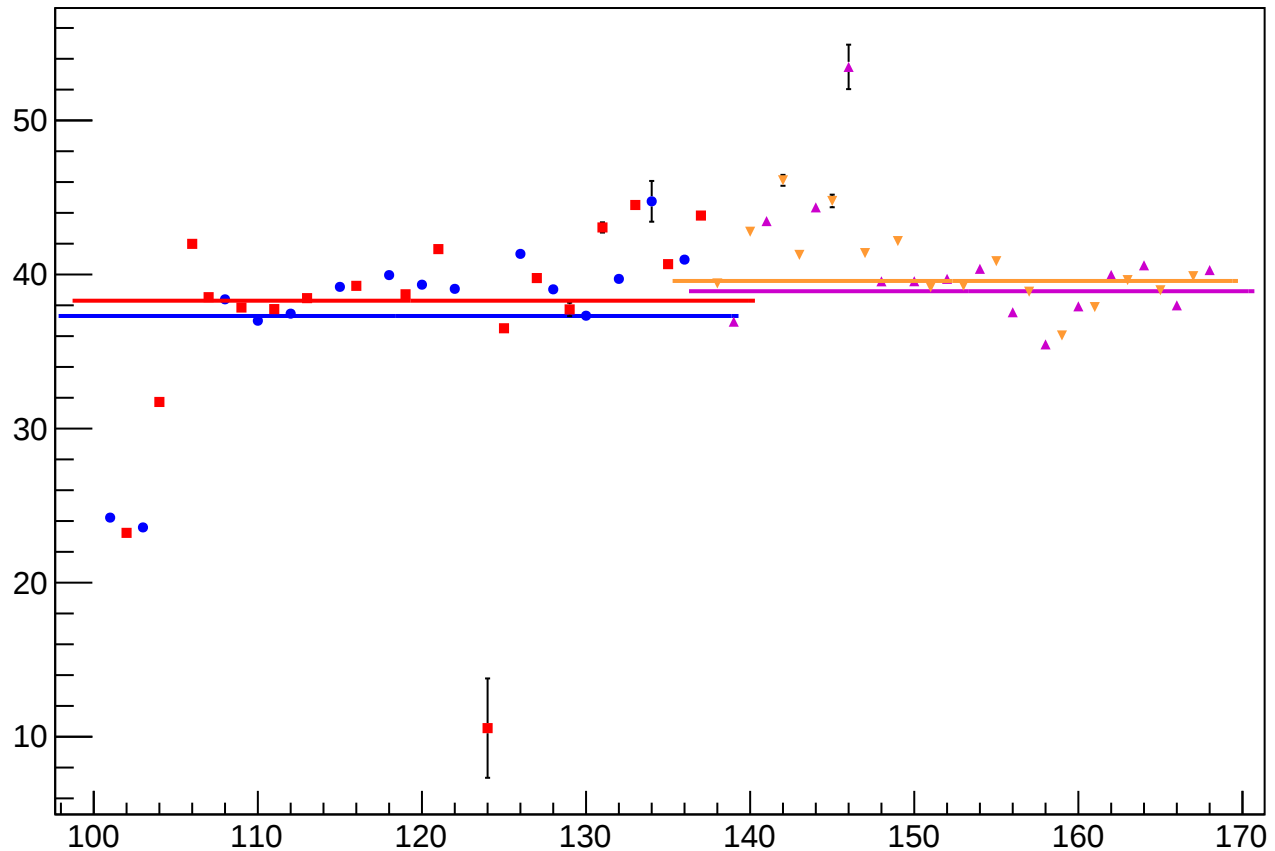
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 95.031+/-0.011 χ^2/NDF : 2982661.6/29

Out: 95.306+/-0.012 χ^2/NDF : 2774541.6/33

All: 95.163+/-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 $\chi^2/\text{NDF}: 9717.3/30$

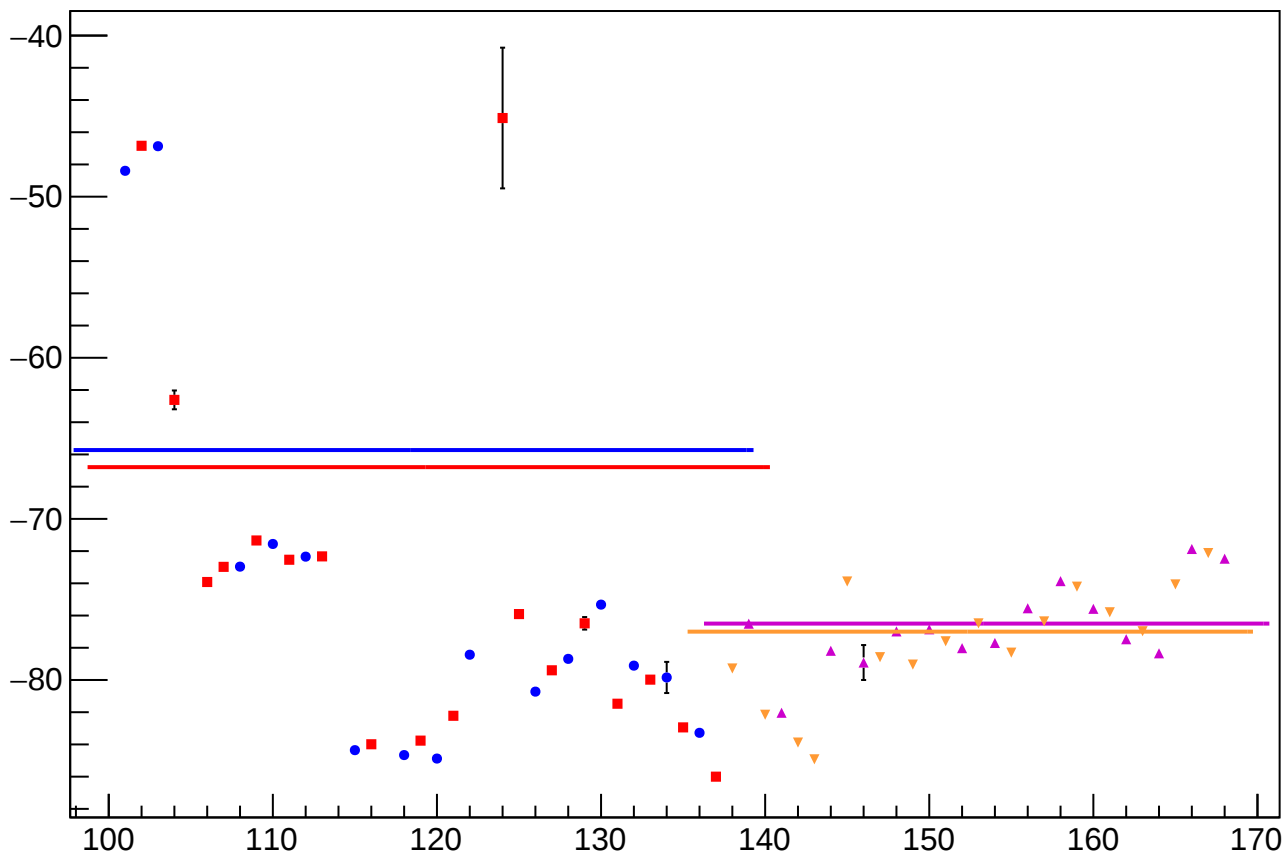
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

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 $\chi^2/\text{NDF}: 24399.3/30$

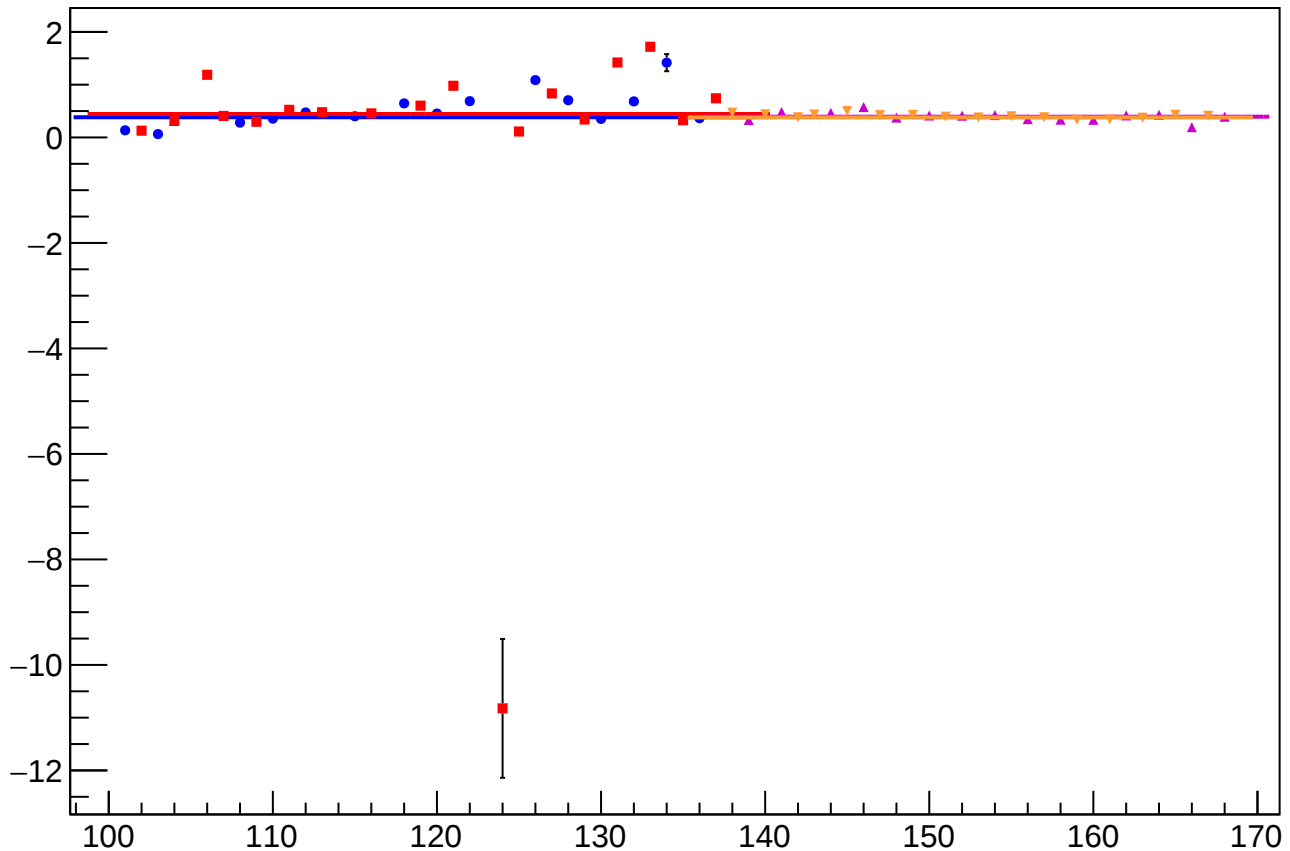
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

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

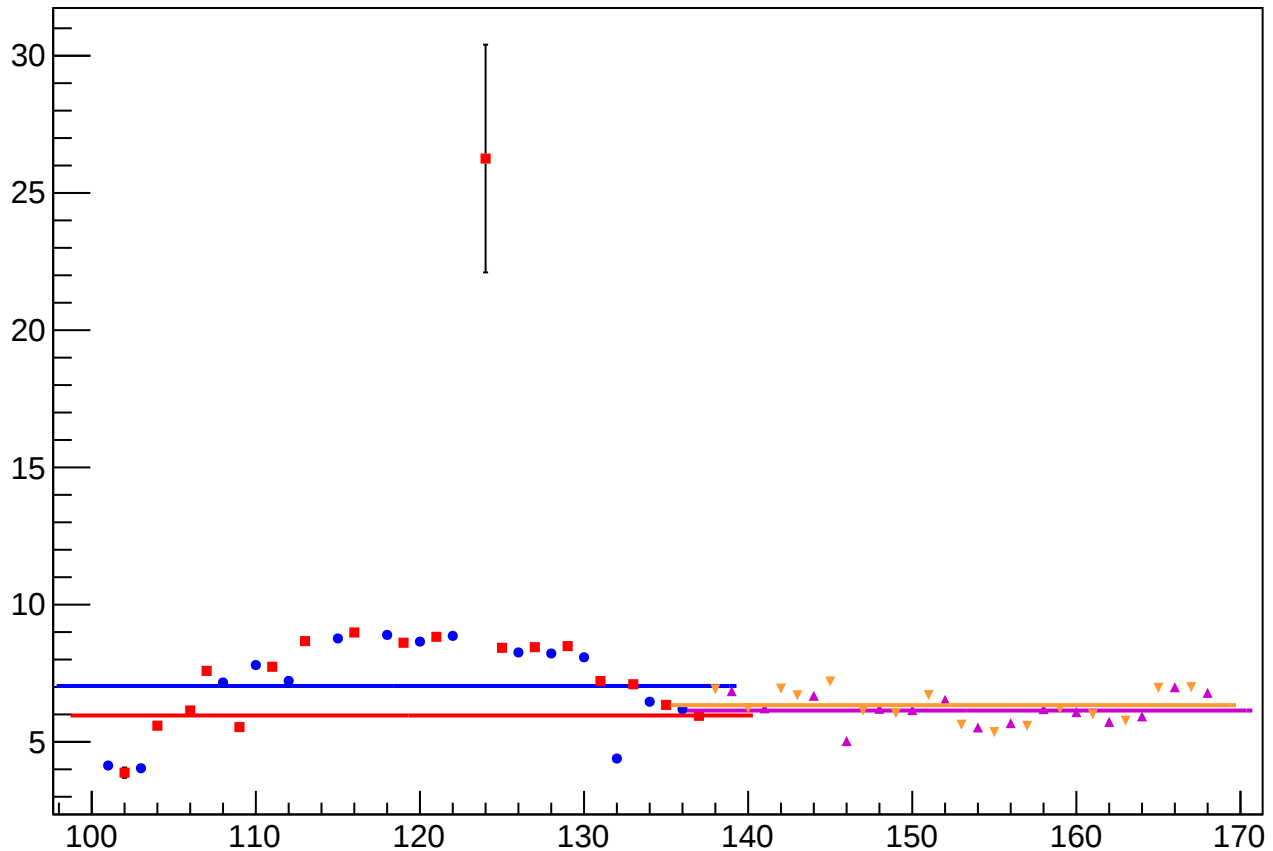
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

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 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.338 ± 0.002 χ^2/NDF : 56142.4/15

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.142 ± 0.002 χ^2/NDF : 40980.7/14

Left: 6.233 ± 0.001 χ^2/NDF : 103682.9/30

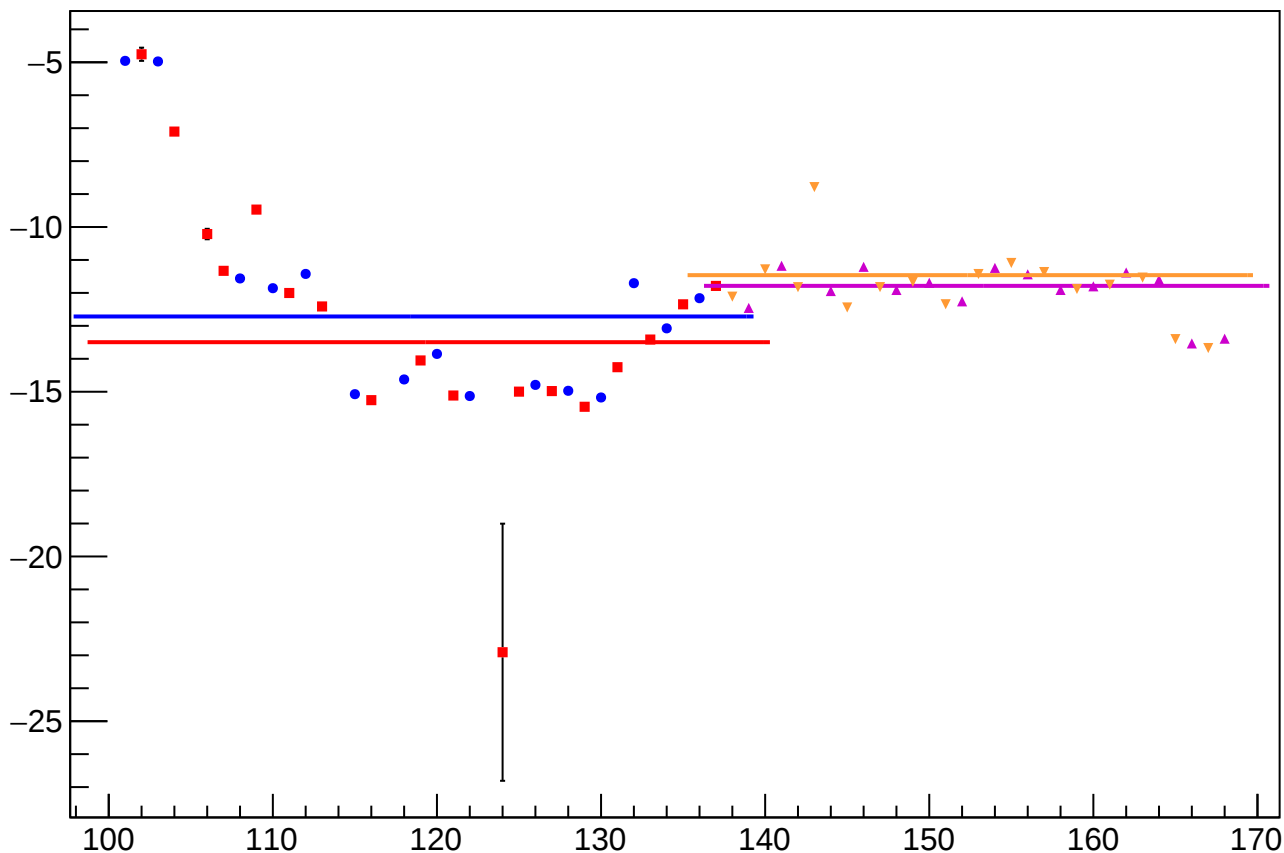
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.247 ± 0.002 χ^2/NDF : 145401.9/29

Out: 5.981 ± 0.000 χ^2/NDF : 267497.2/33

All: 5.997 ± 0.000 χ^2/NDF : 440603.9/63

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715+/-0.006 χ^2/NDF : 85219.4/14

Left Out: -11.461+/-0.002 χ^2/NDF : 271587.7/15

Right Out: -13.496+/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.786+/-0.002 χ^2/NDF : 37683.5/14

Left: -11.631+/-0.002 χ^2/NDF : 318741.2/30

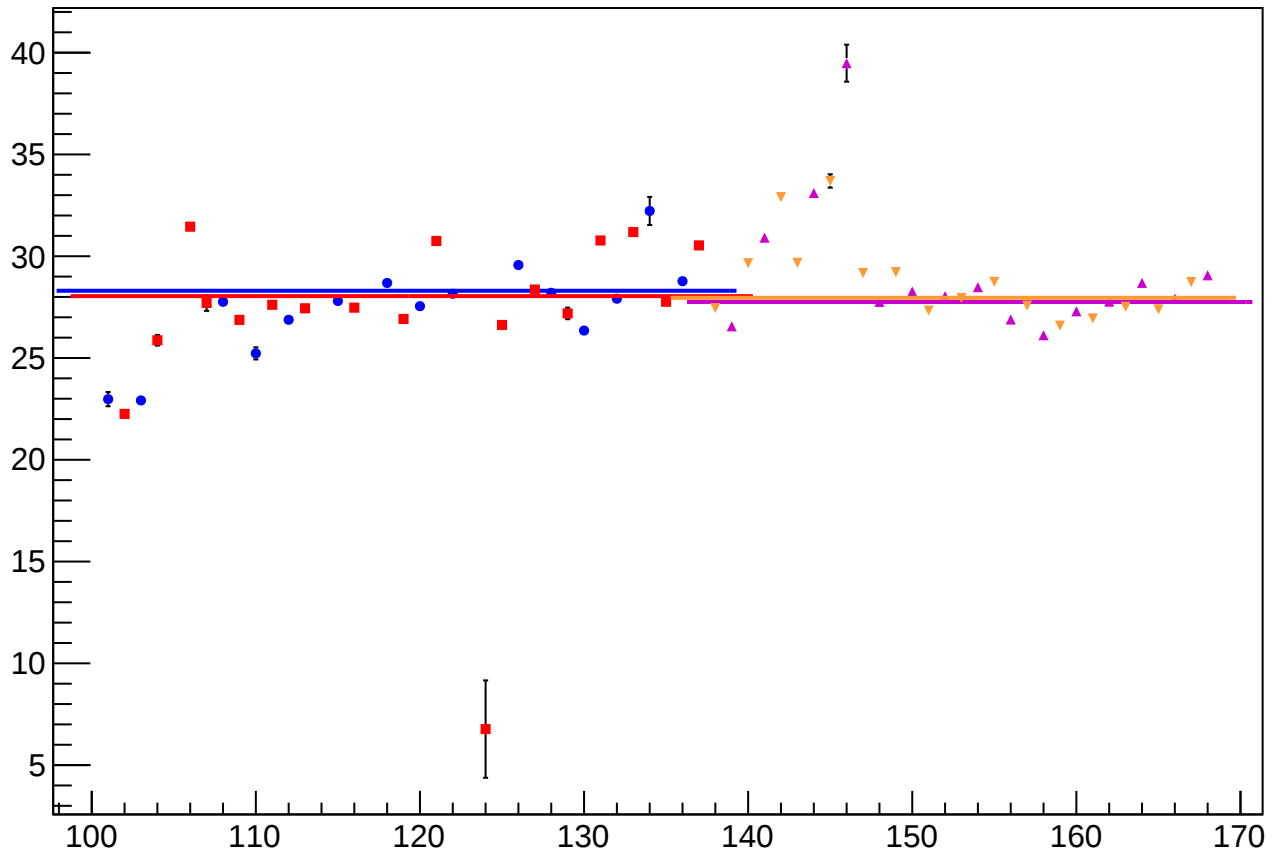
Right: -13.142+/-0.004 χ^2/NDF : 149153.5/32

In: -11.893+/-0.002 χ^2/NDF : 141681.0/29

Out: -11.761+/-0.002 χ^2/NDF : 431874.0/33

All: -11.829+/-0.002 χ^2/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 $\chi^2/\text{NDF}: 8571.8/30$

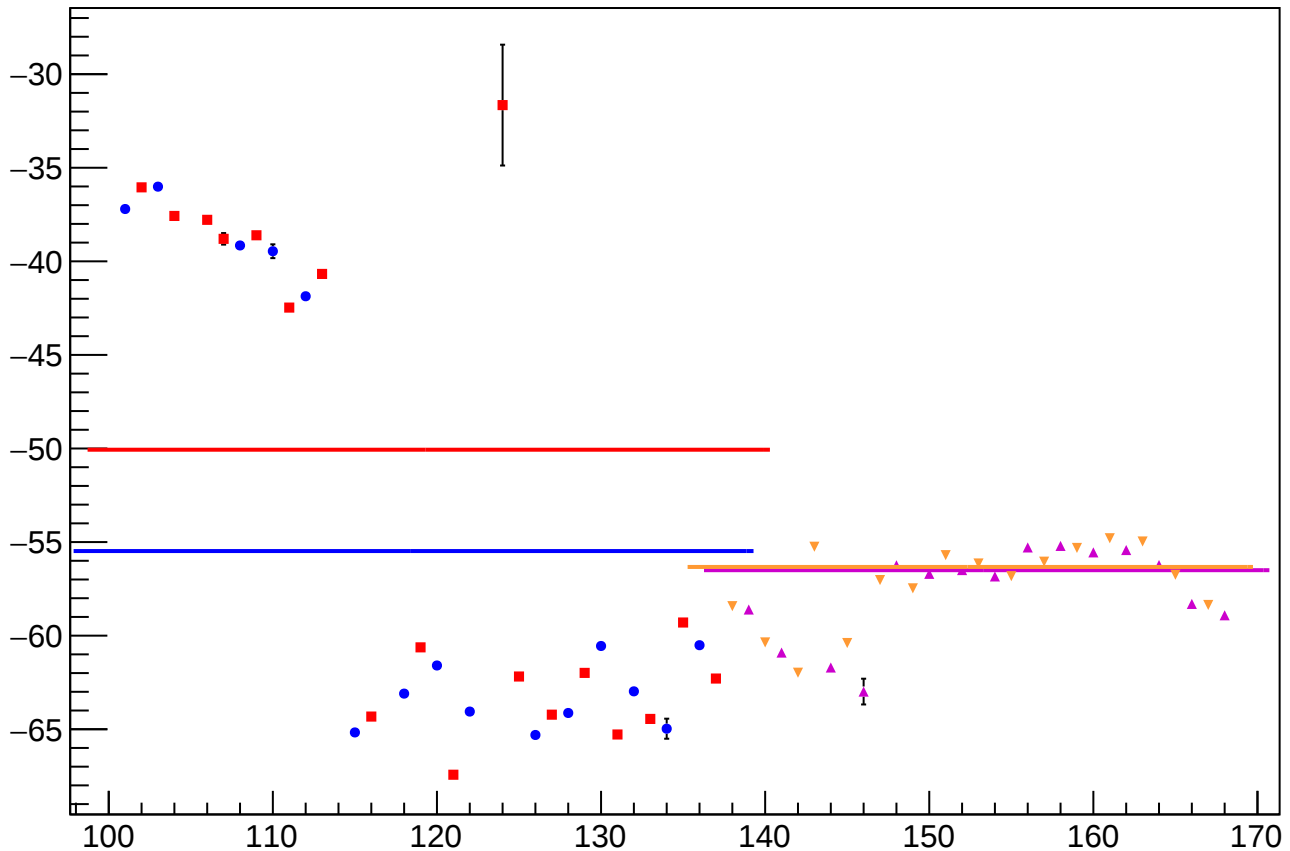
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

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 $\chi^2/\text{NDF}: 17303.7/30$

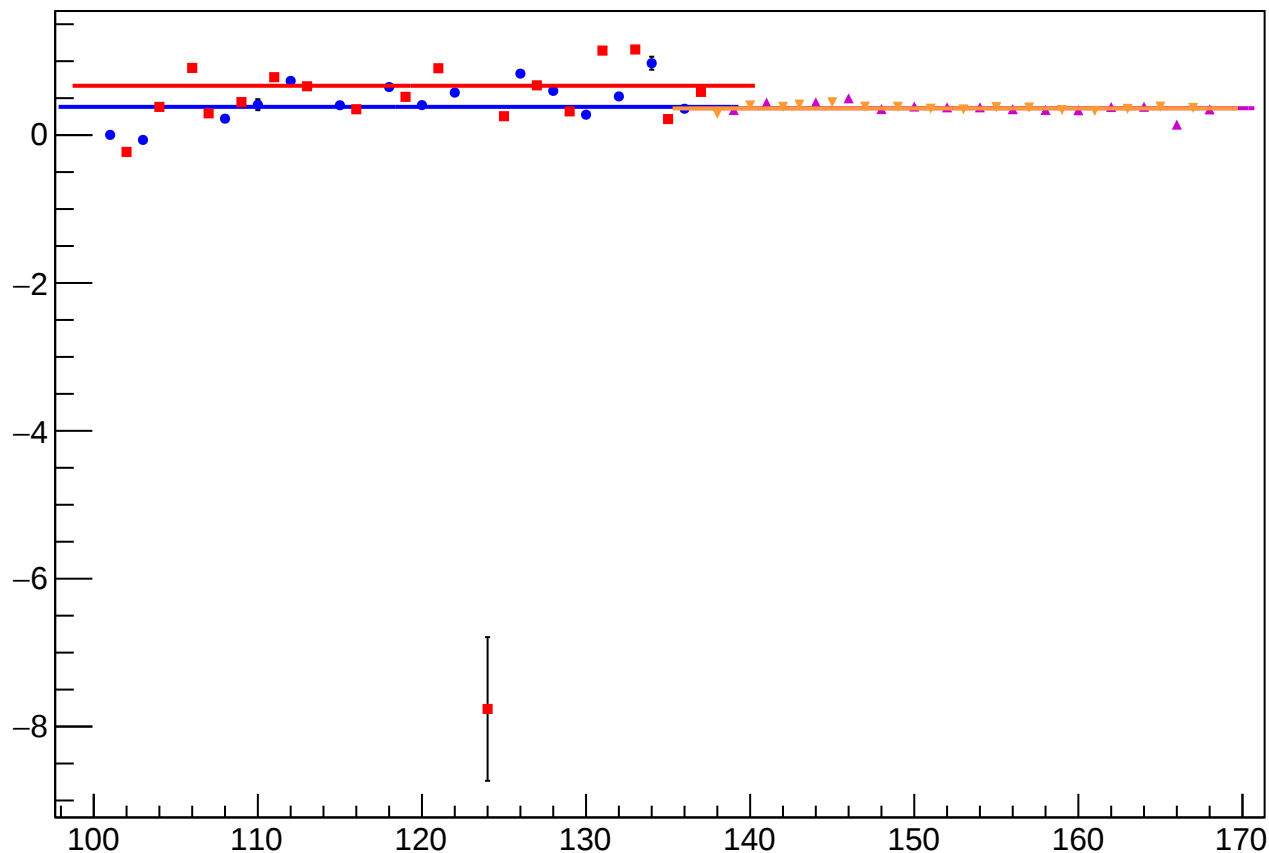
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

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

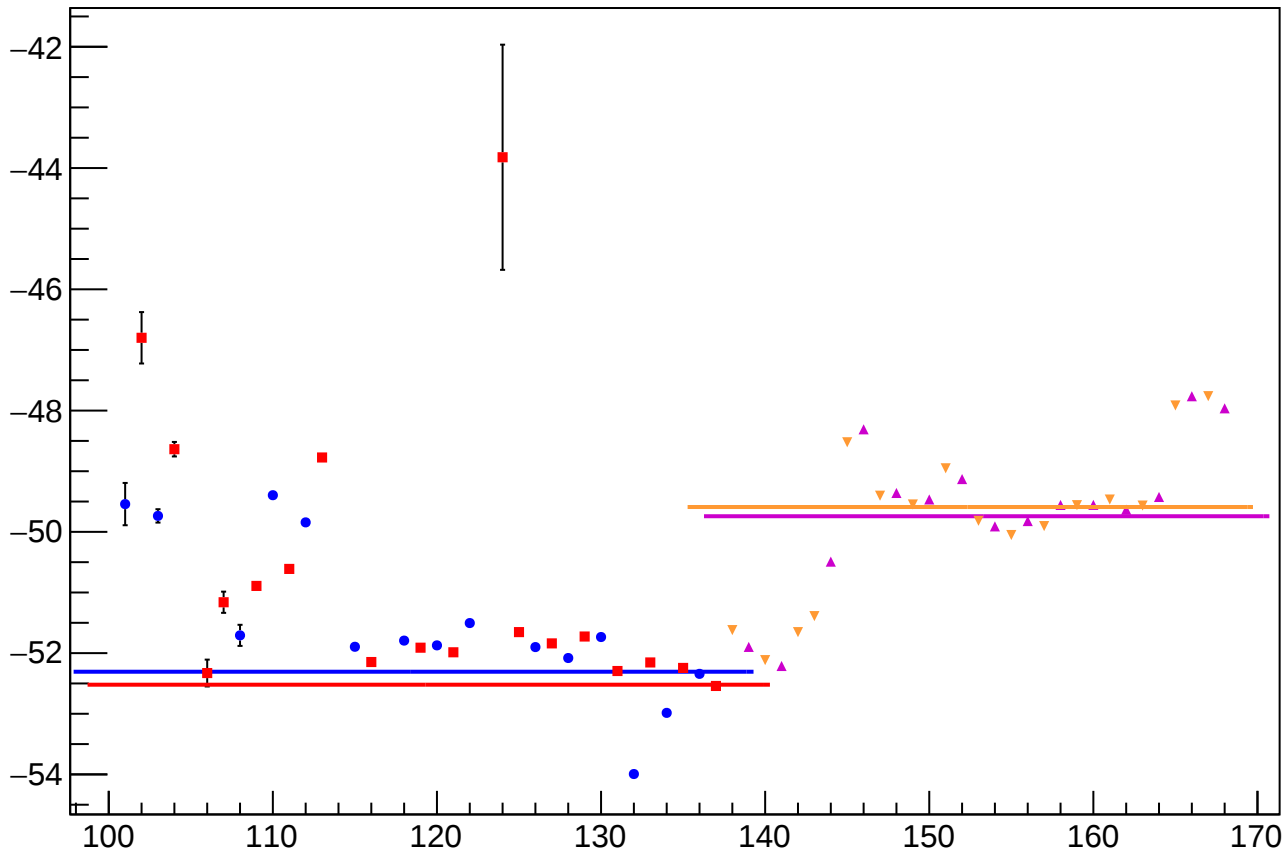
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

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

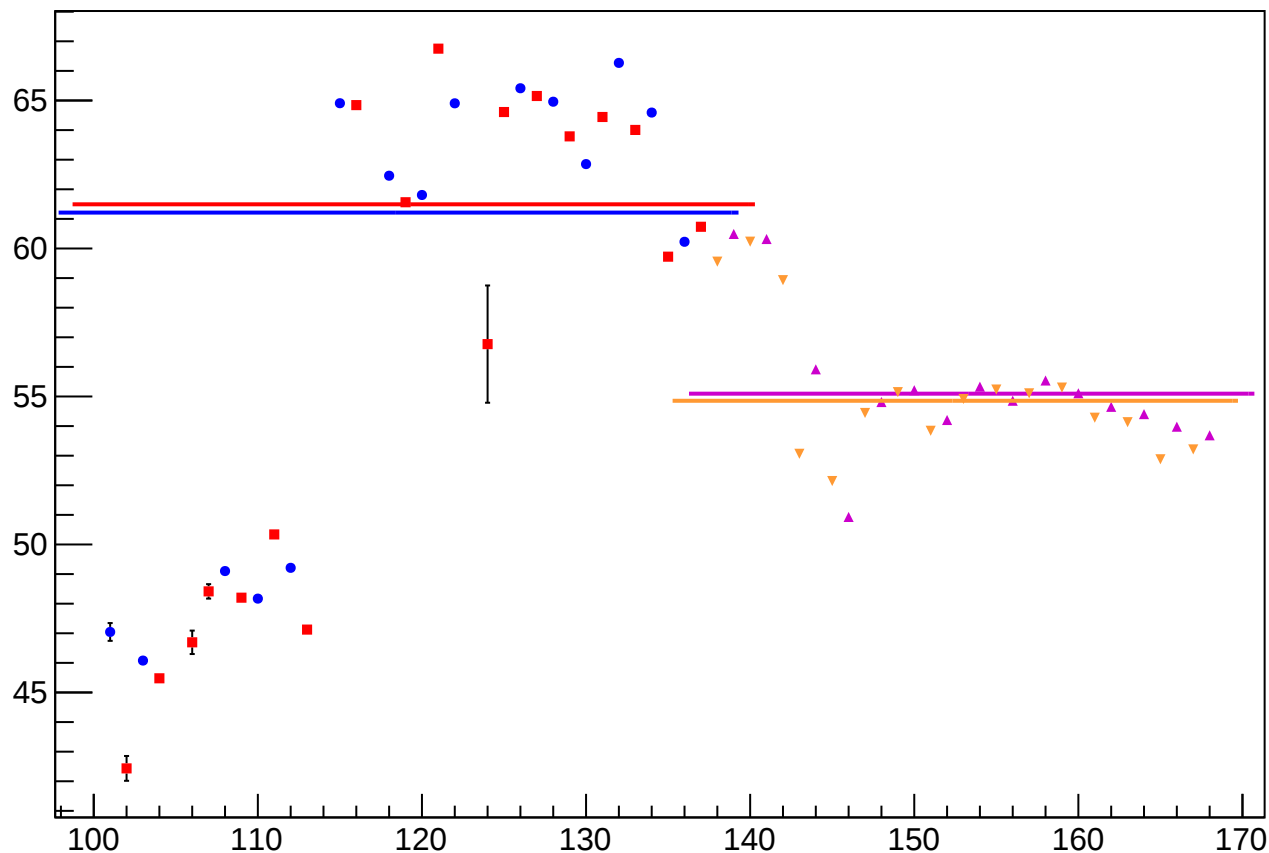
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

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 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.855 $\pm$ 0.003 χ^2/NDF : 234740.8/15

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.095 $\pm$ 0.003 χ^2/NDF : 71382.4/14

Left: 54.989 $\pm$ 0.002 χ^2/NDF : 308975.8/30

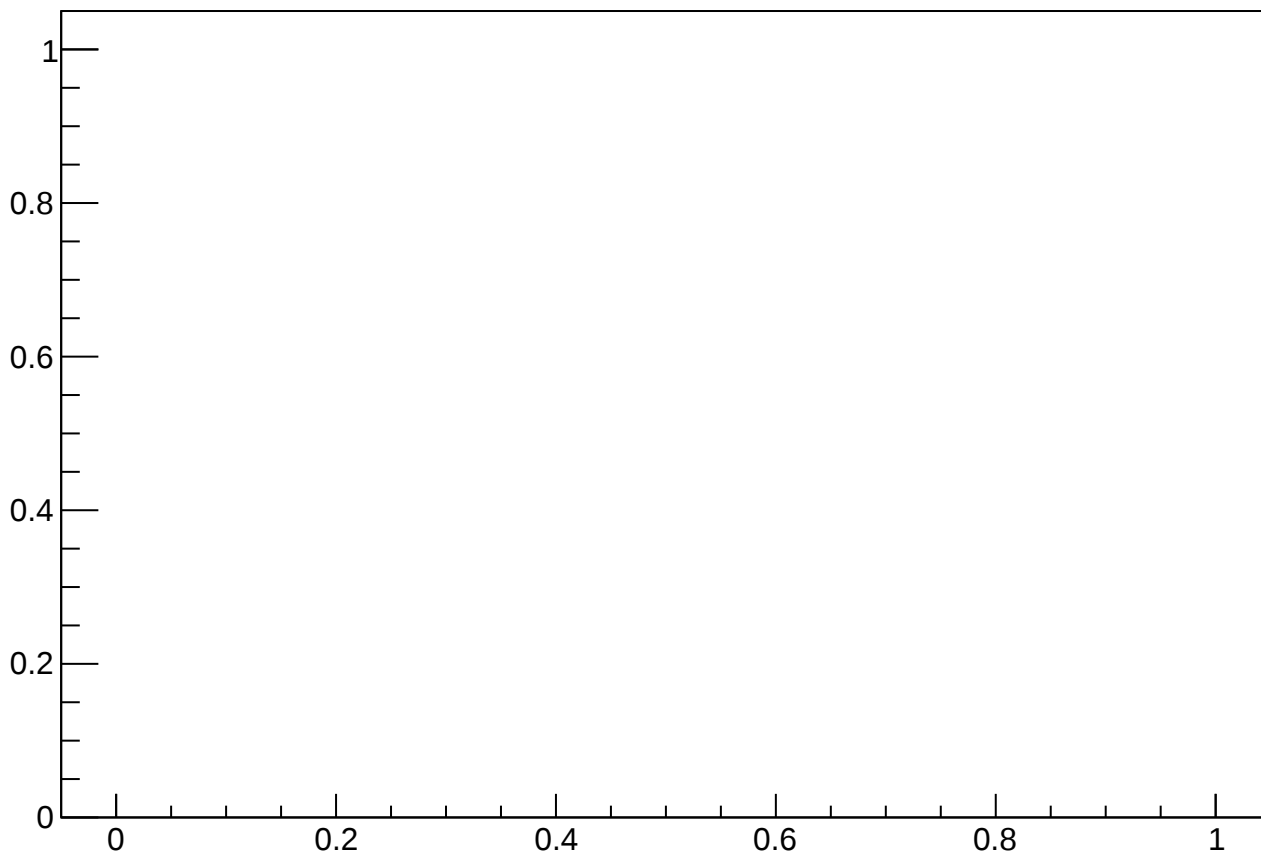
Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.603 $\pm$ 0.003 χ^2/NDF : 576240.3/29

Out: 56.182 $\pm$ 0.003 χ^2/NDF : 1259572.1/33

All: 55.879 $\pm$ 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

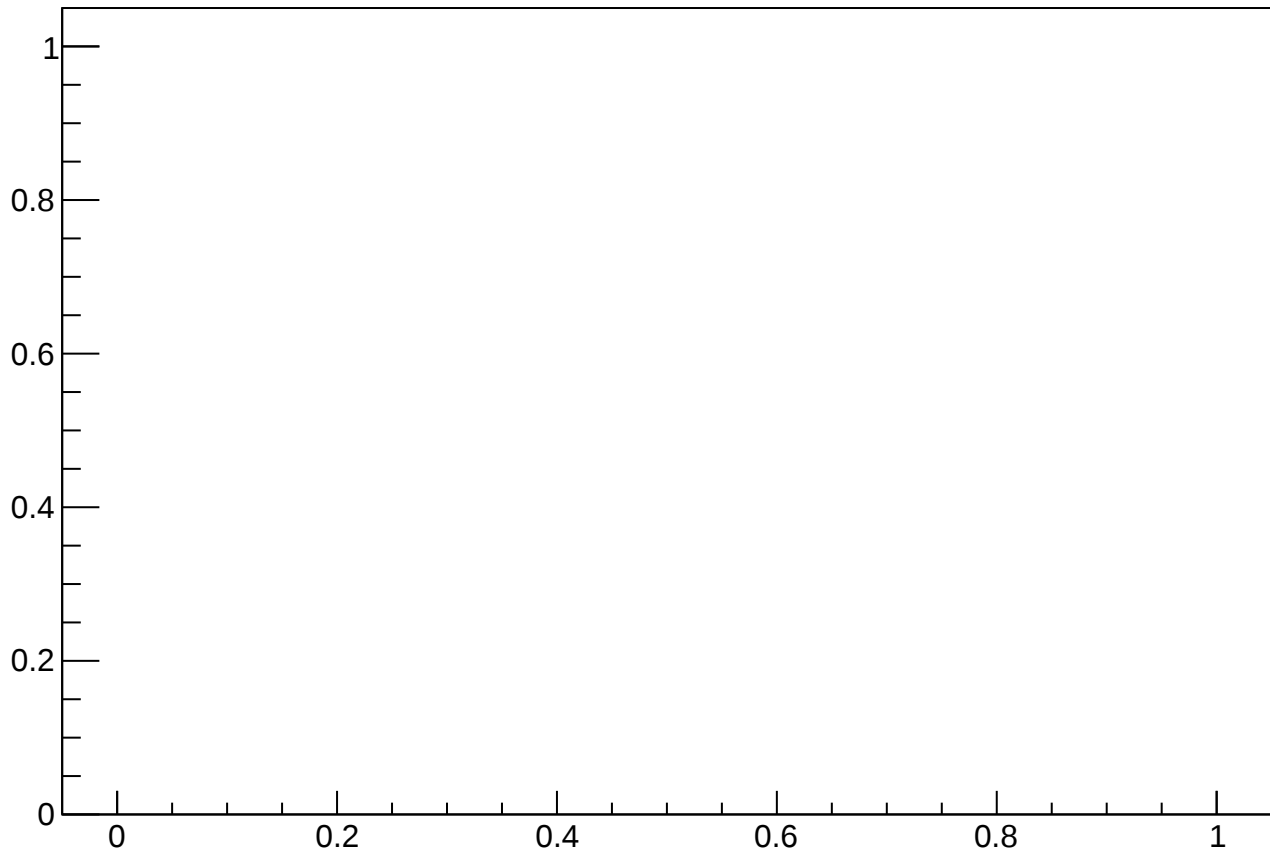
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

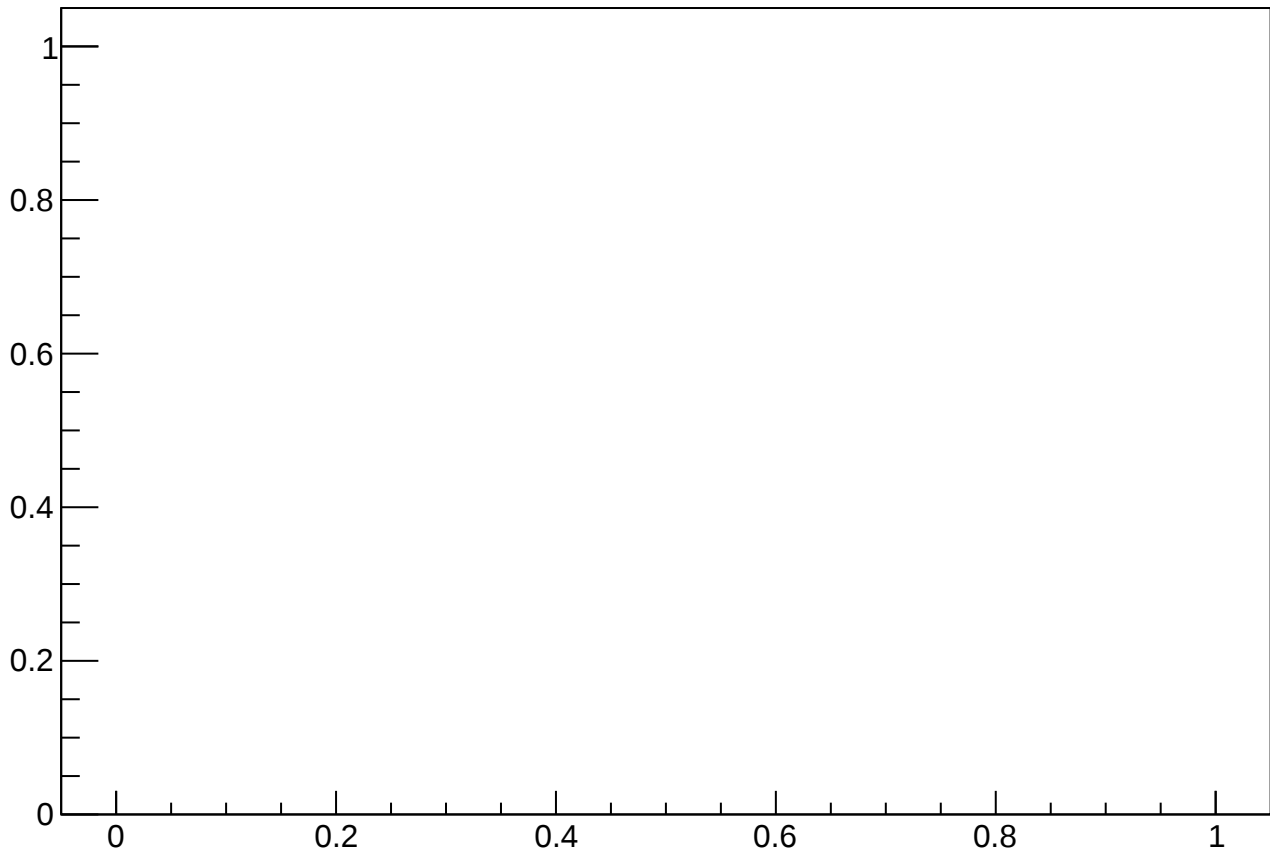
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

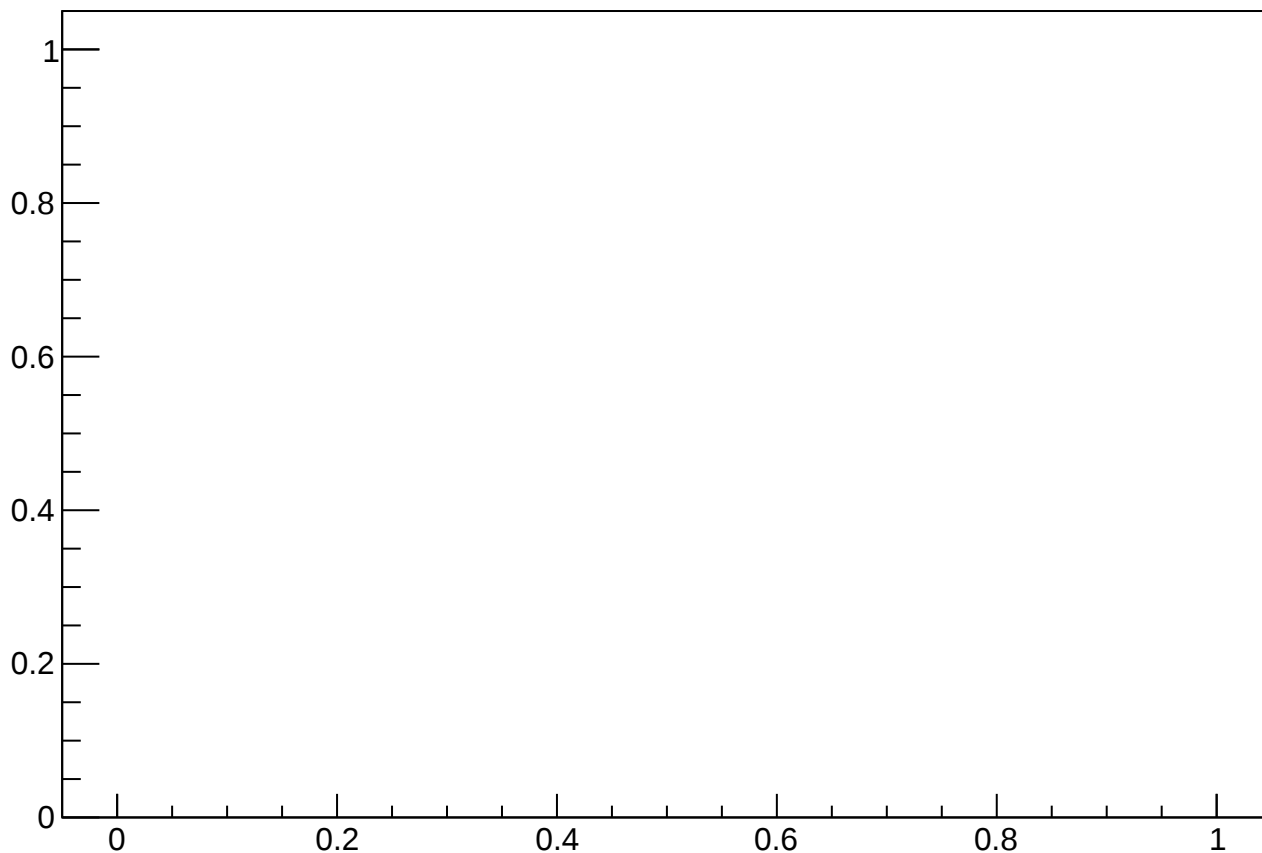
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

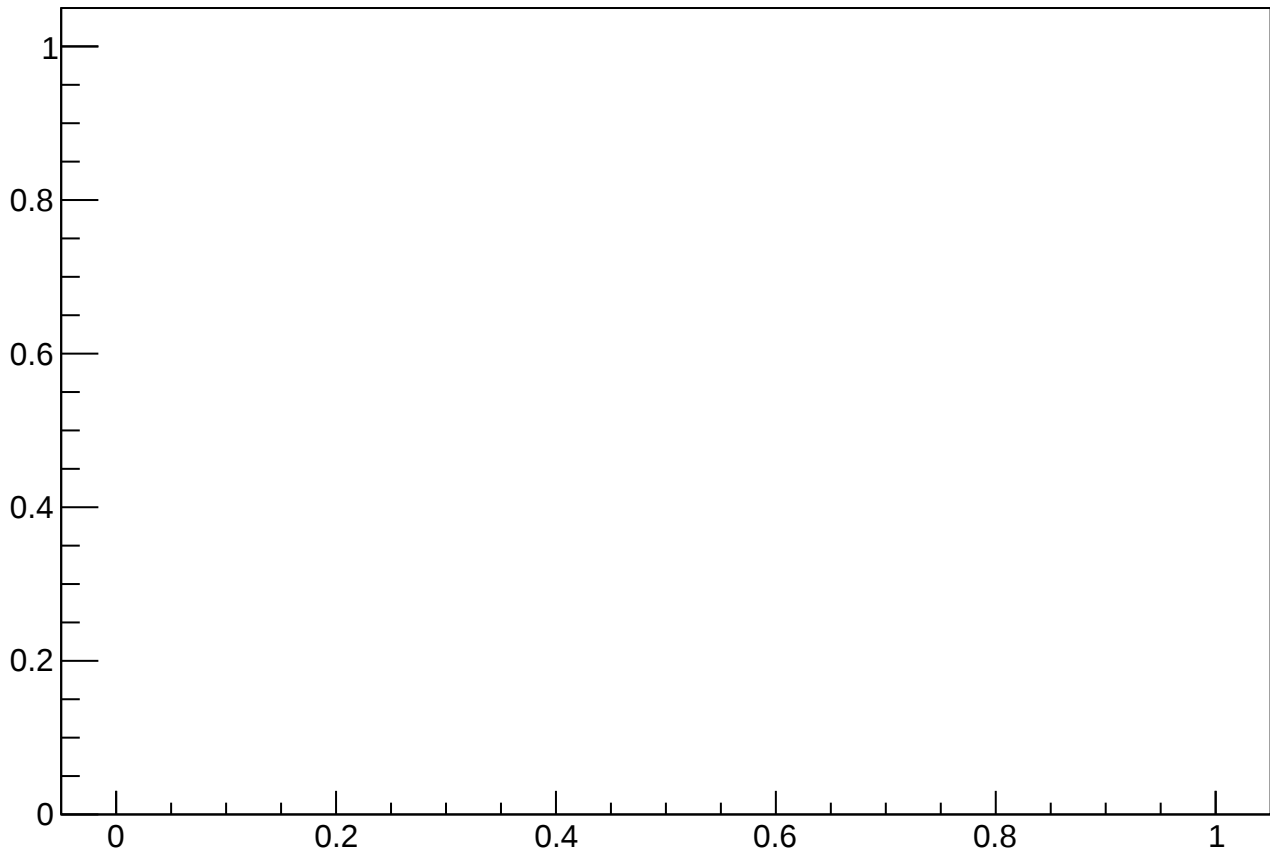
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

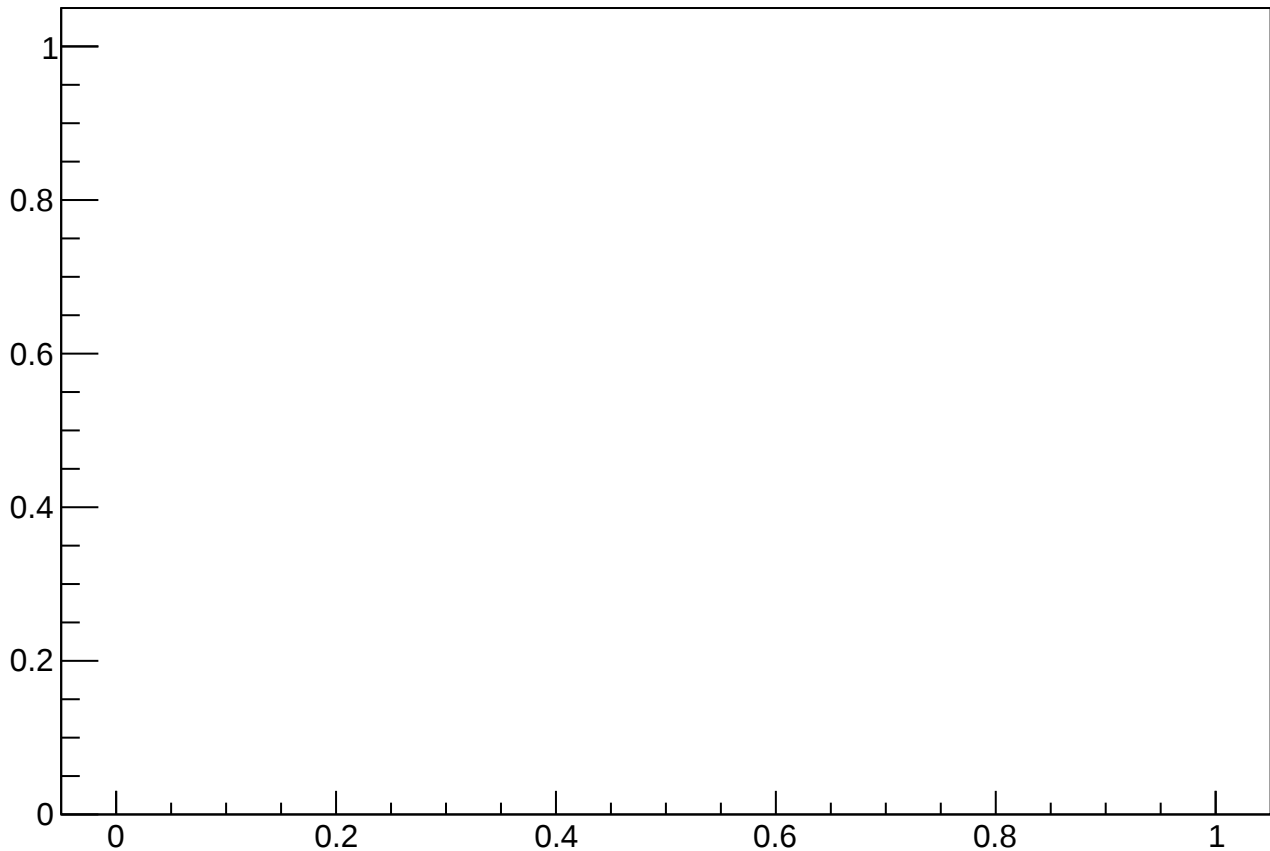
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

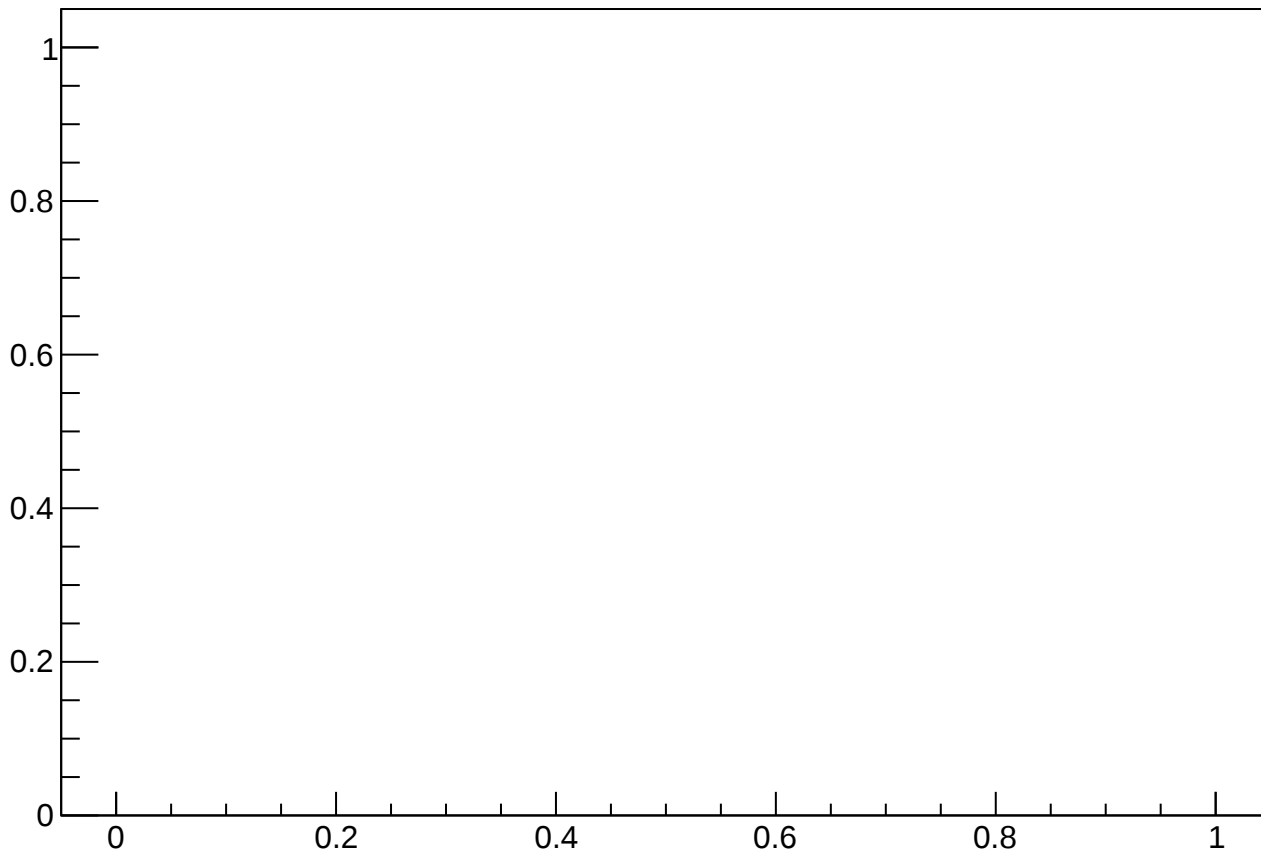
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

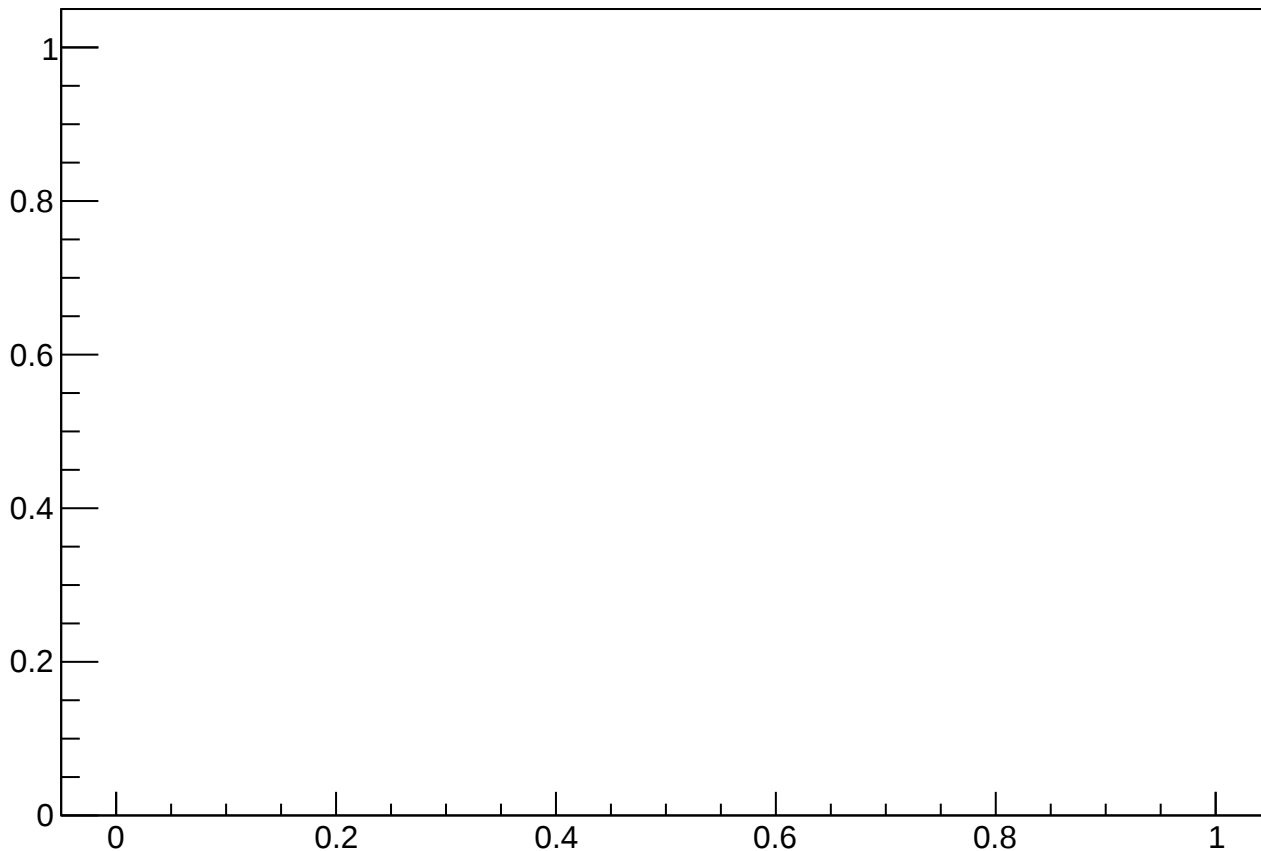
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

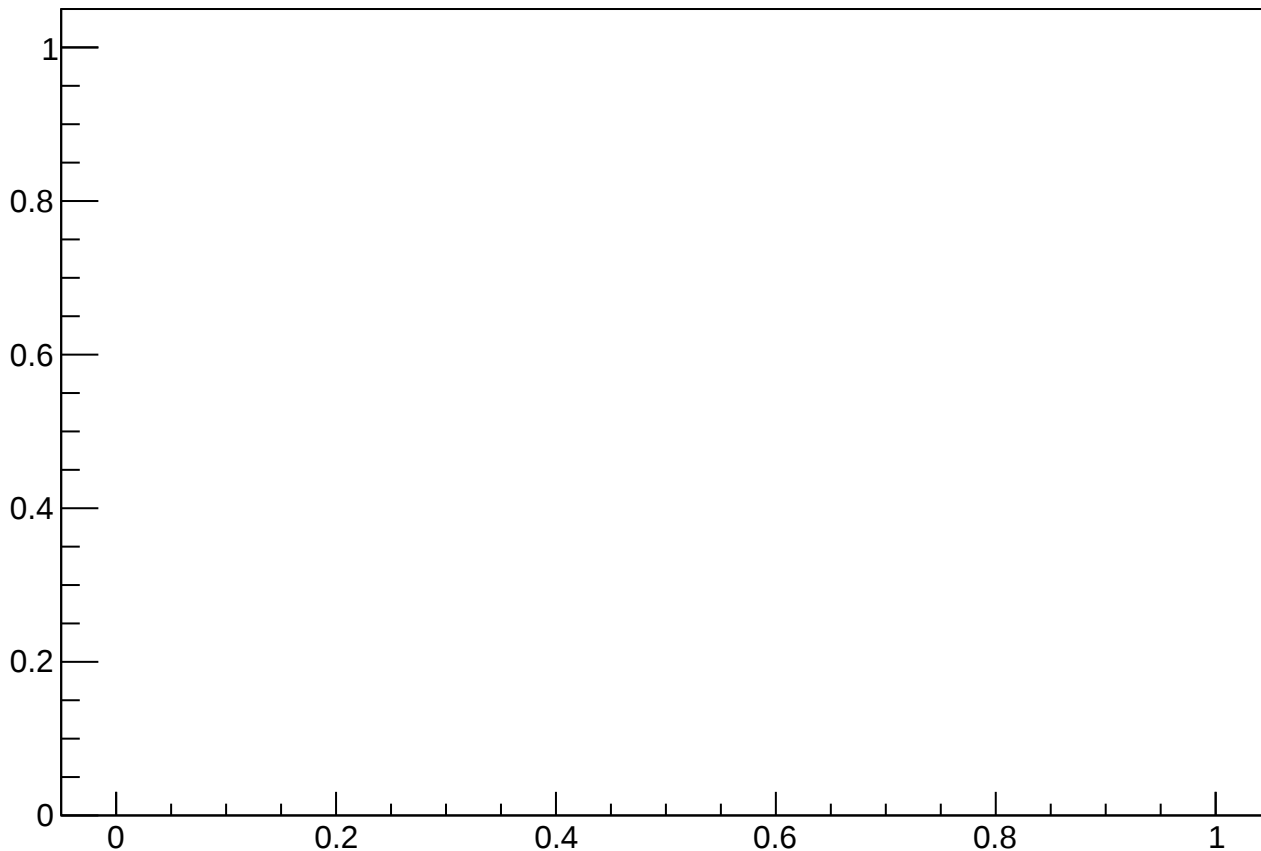
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

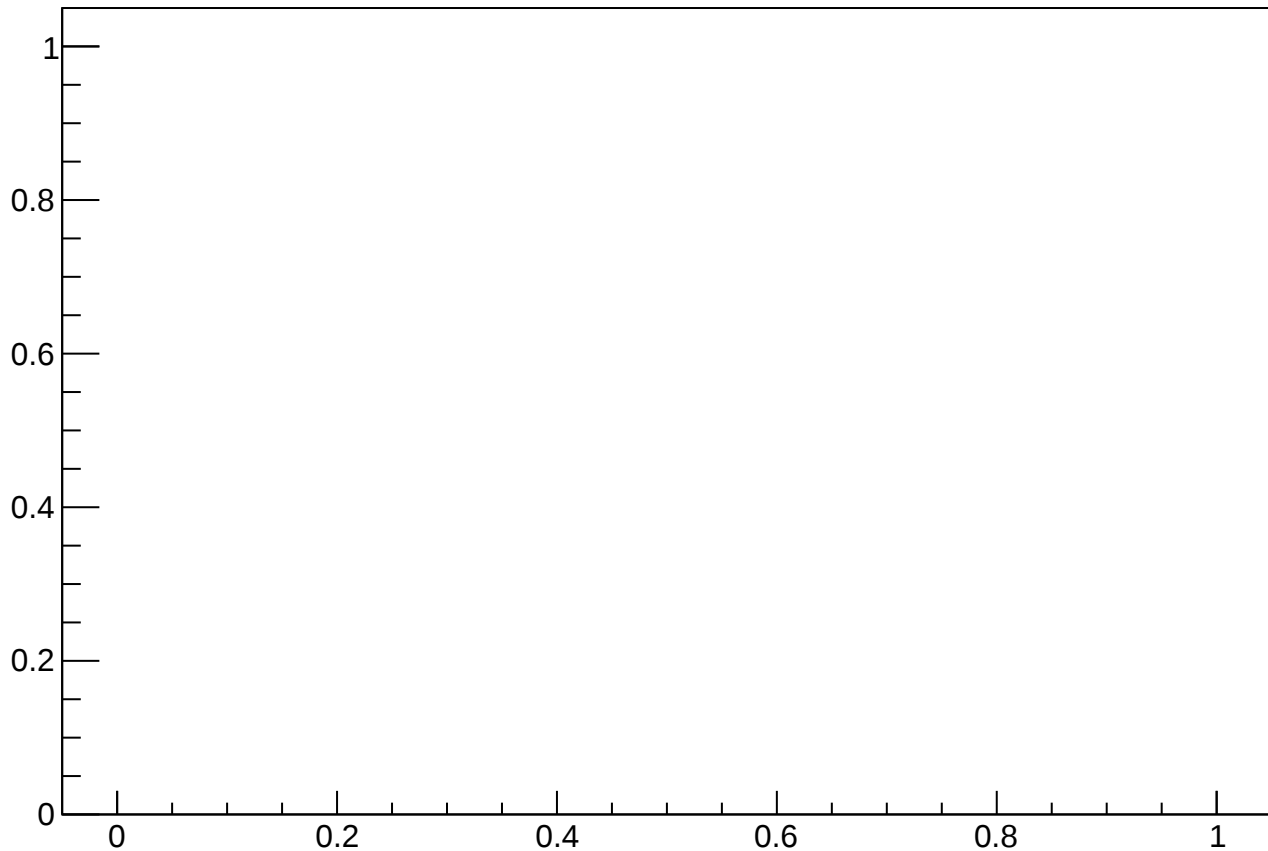
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

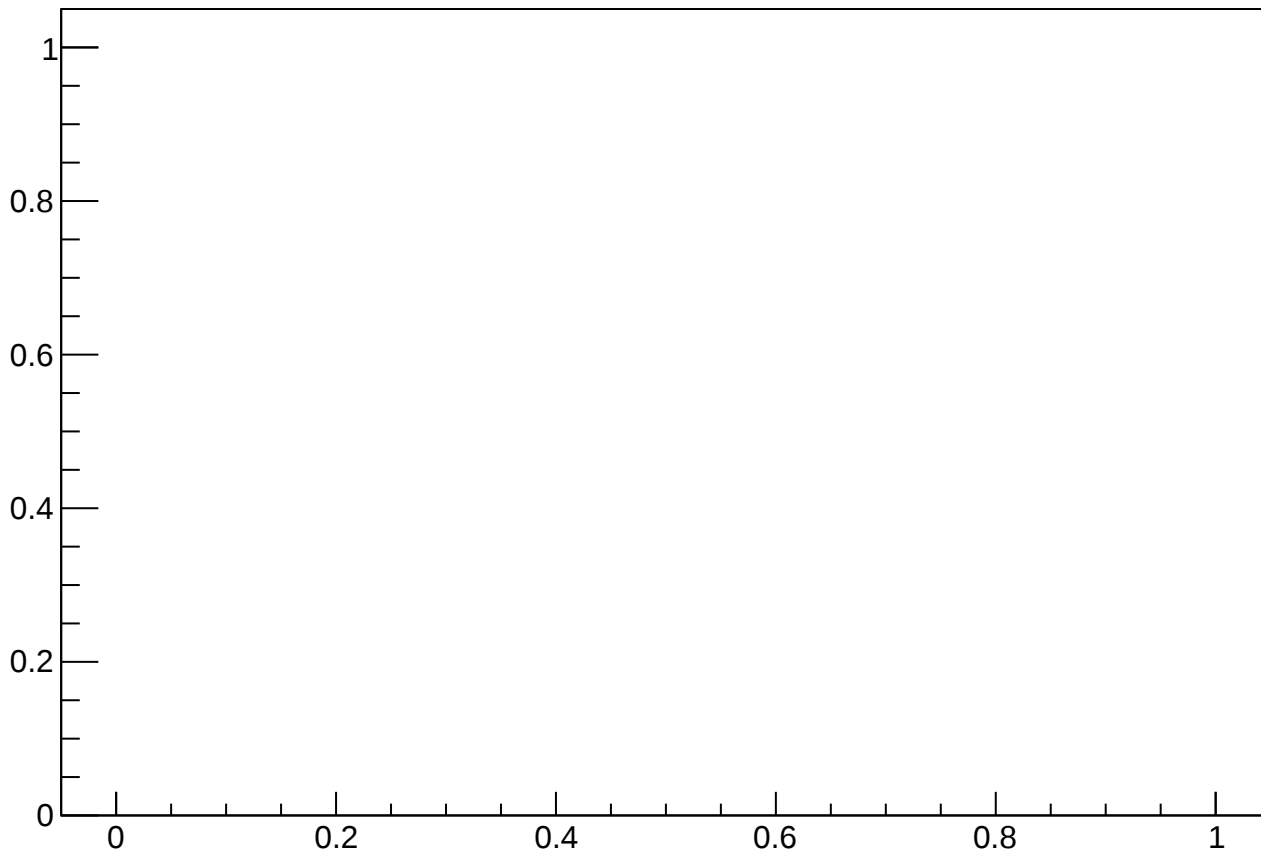
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

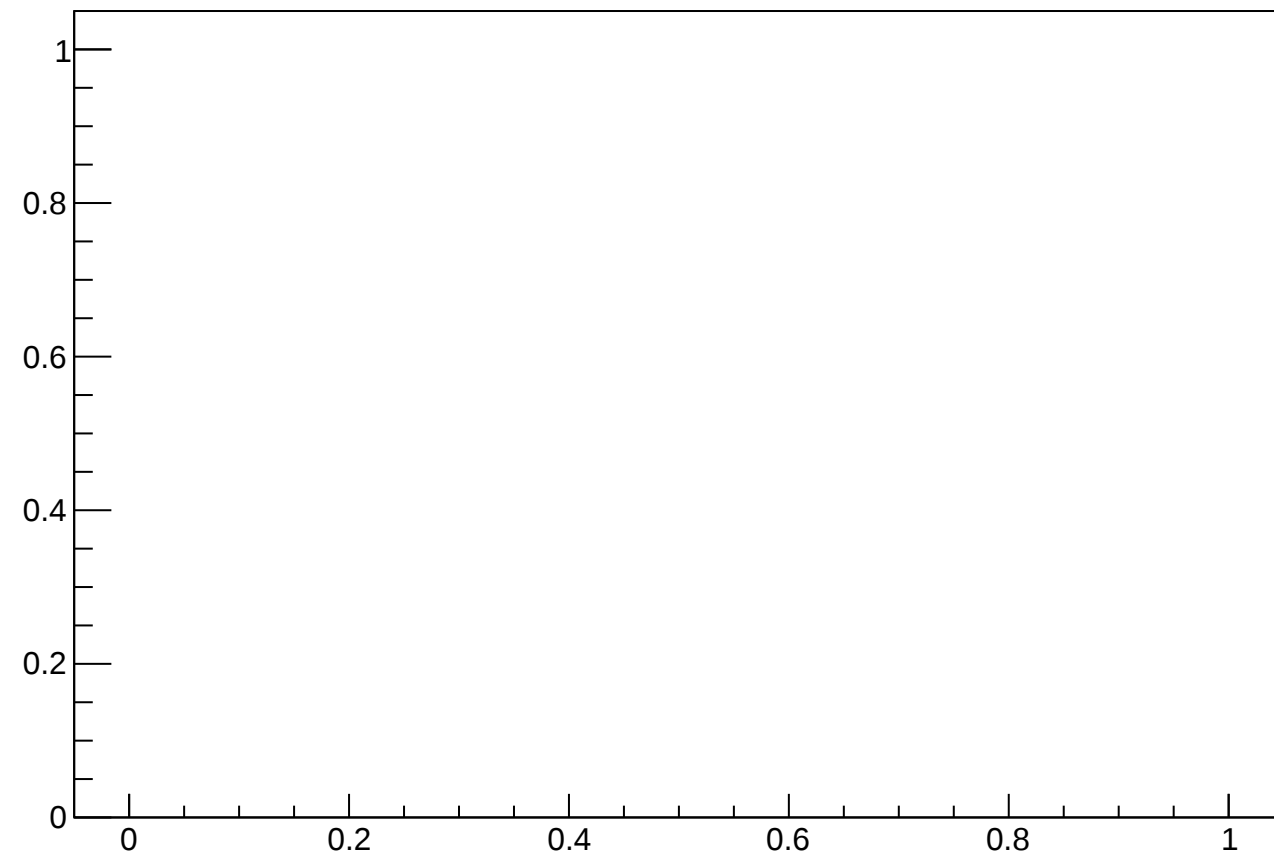
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

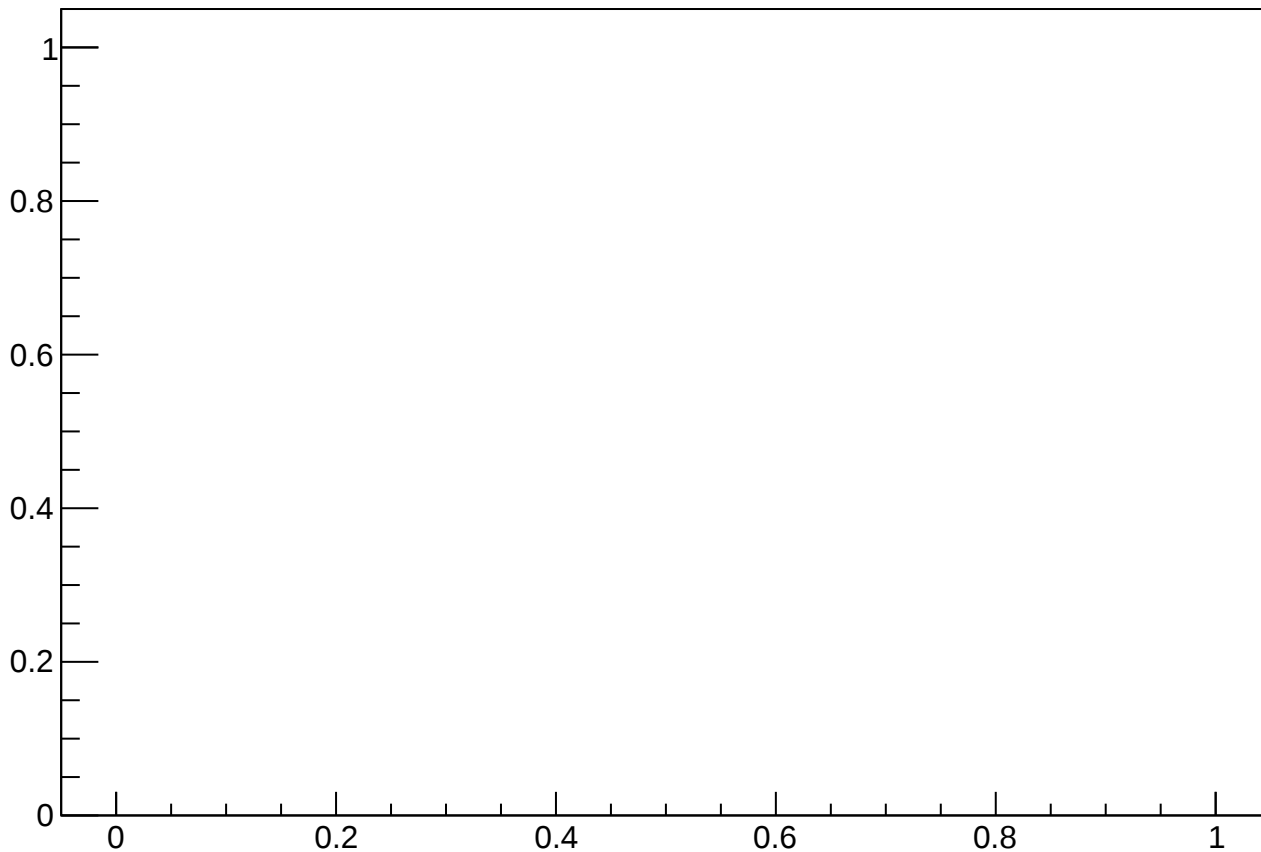
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

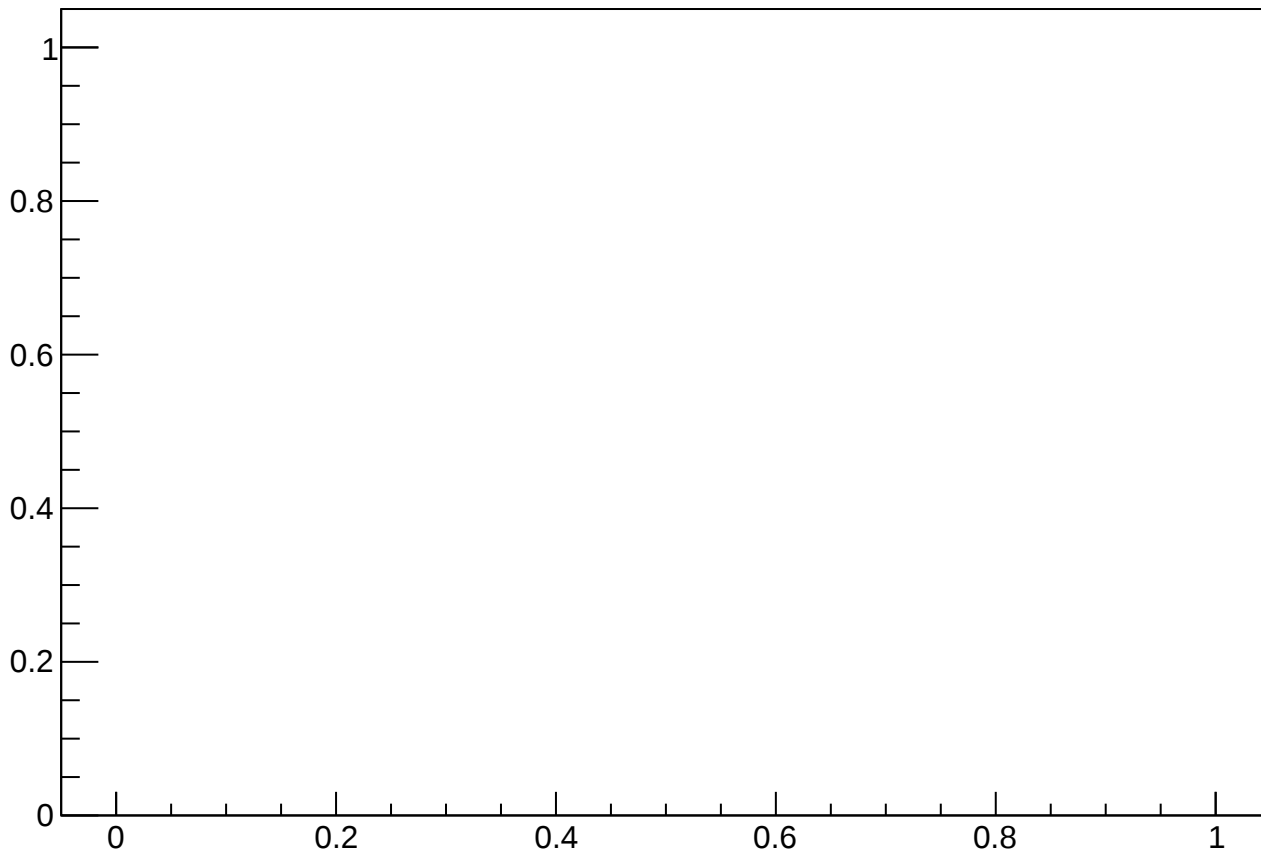
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

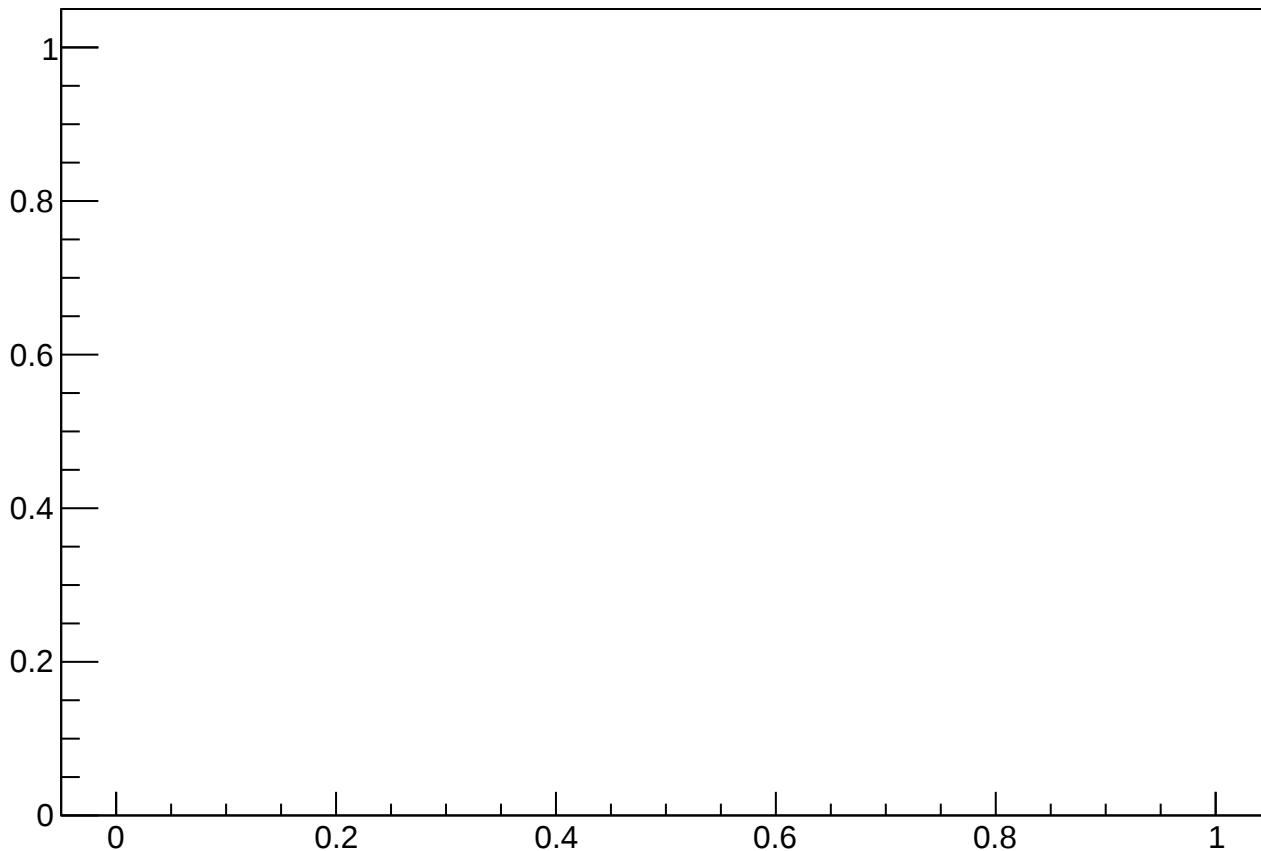
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

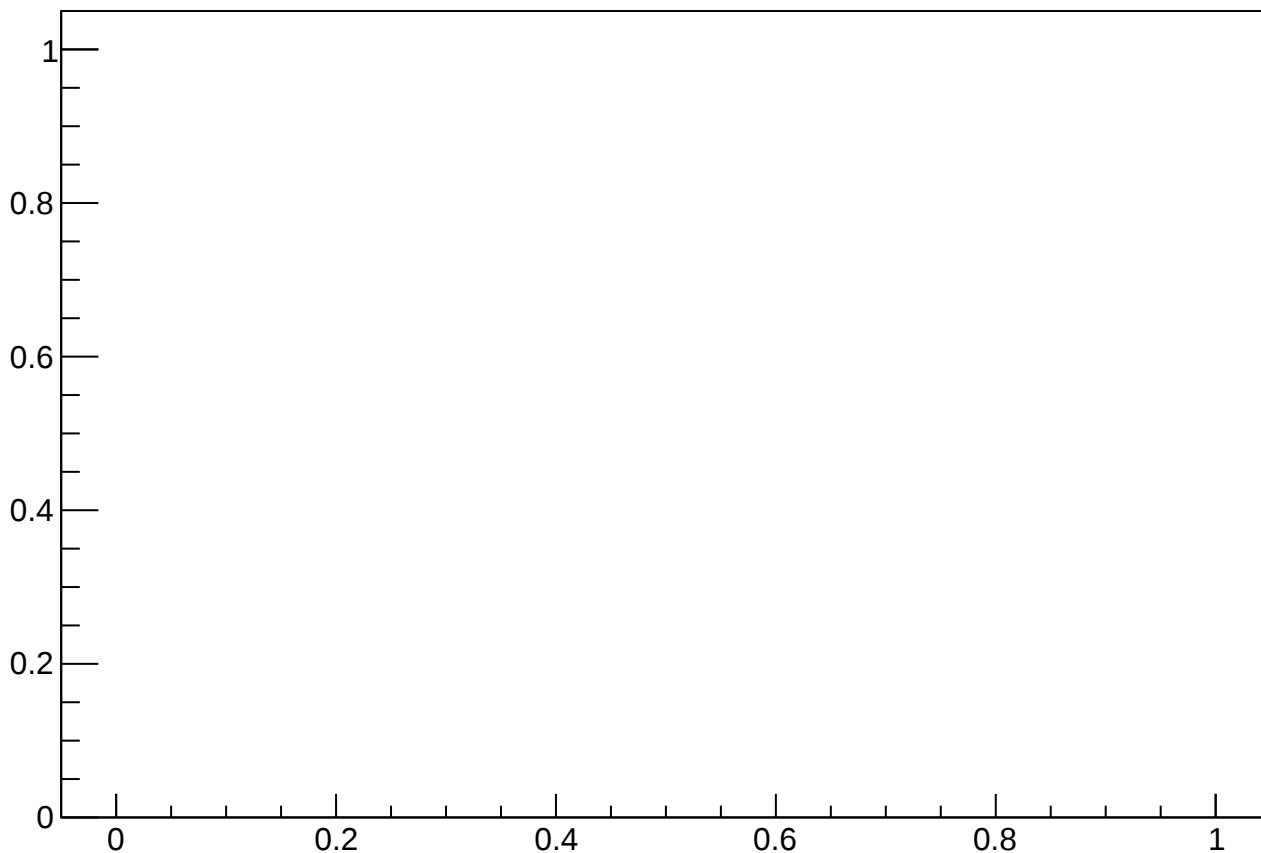
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

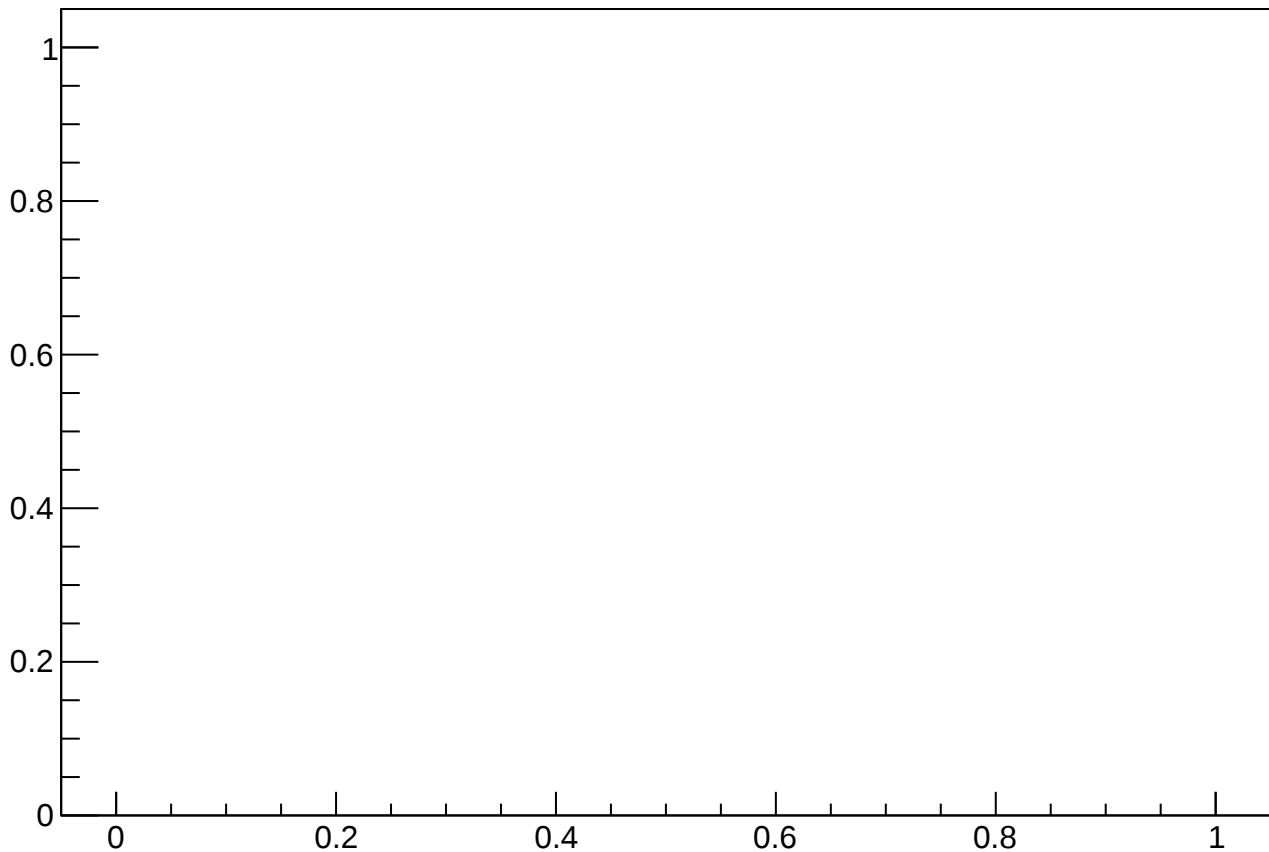
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

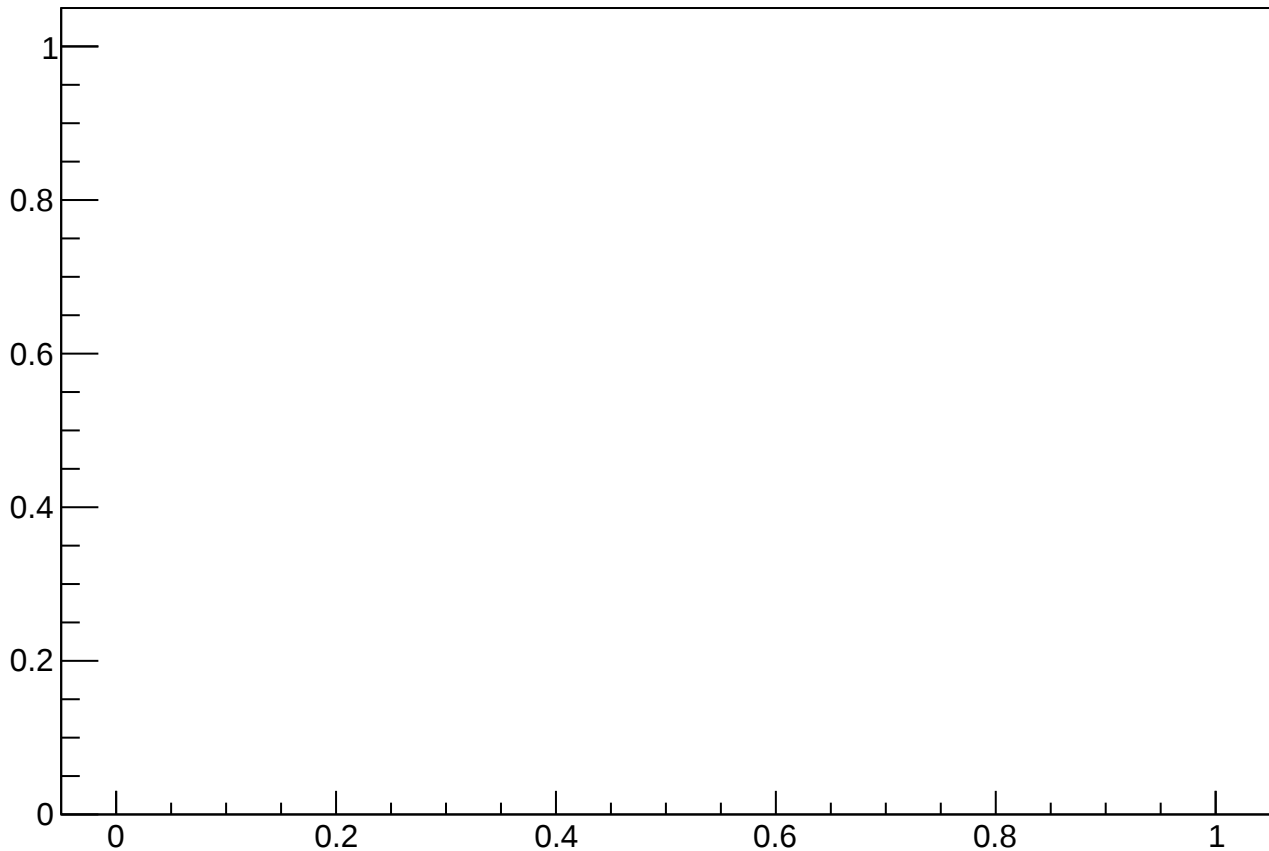
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

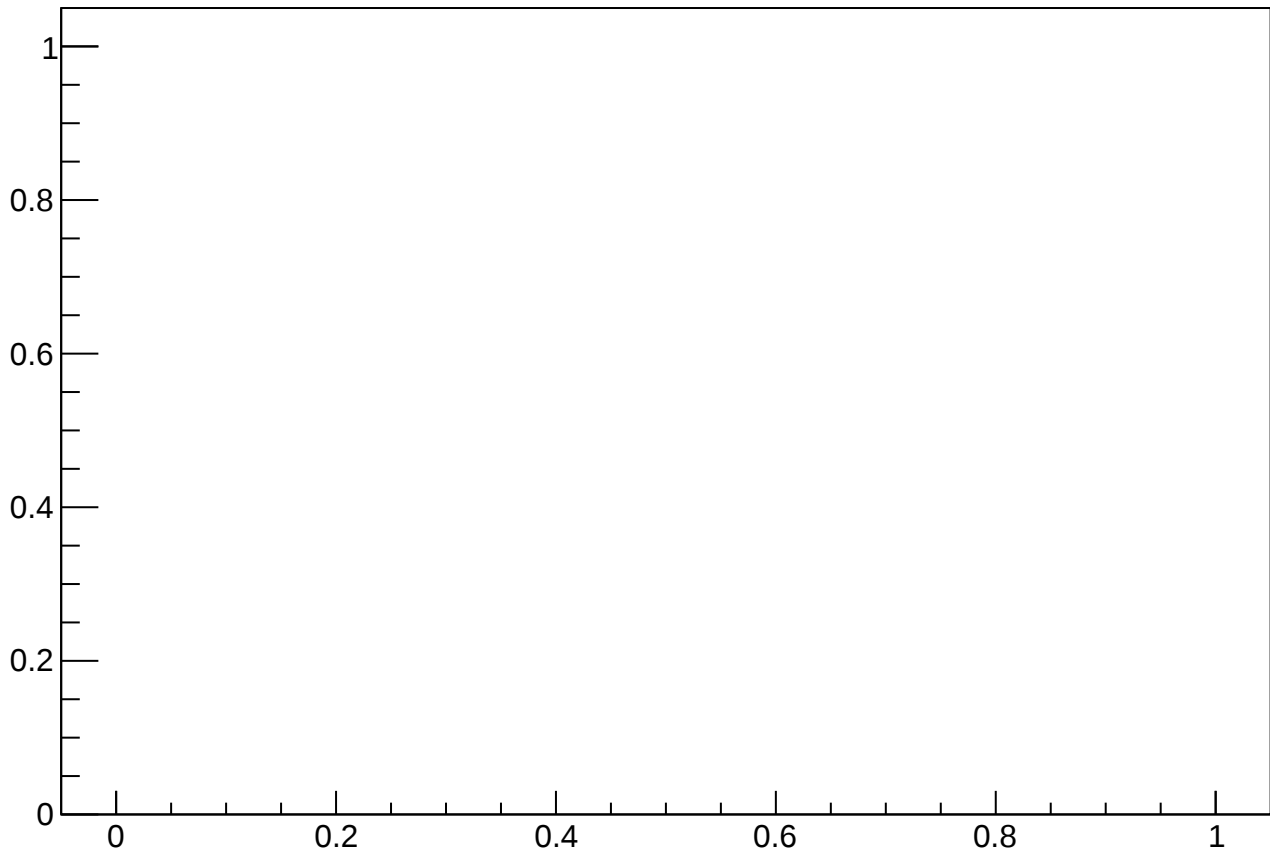
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

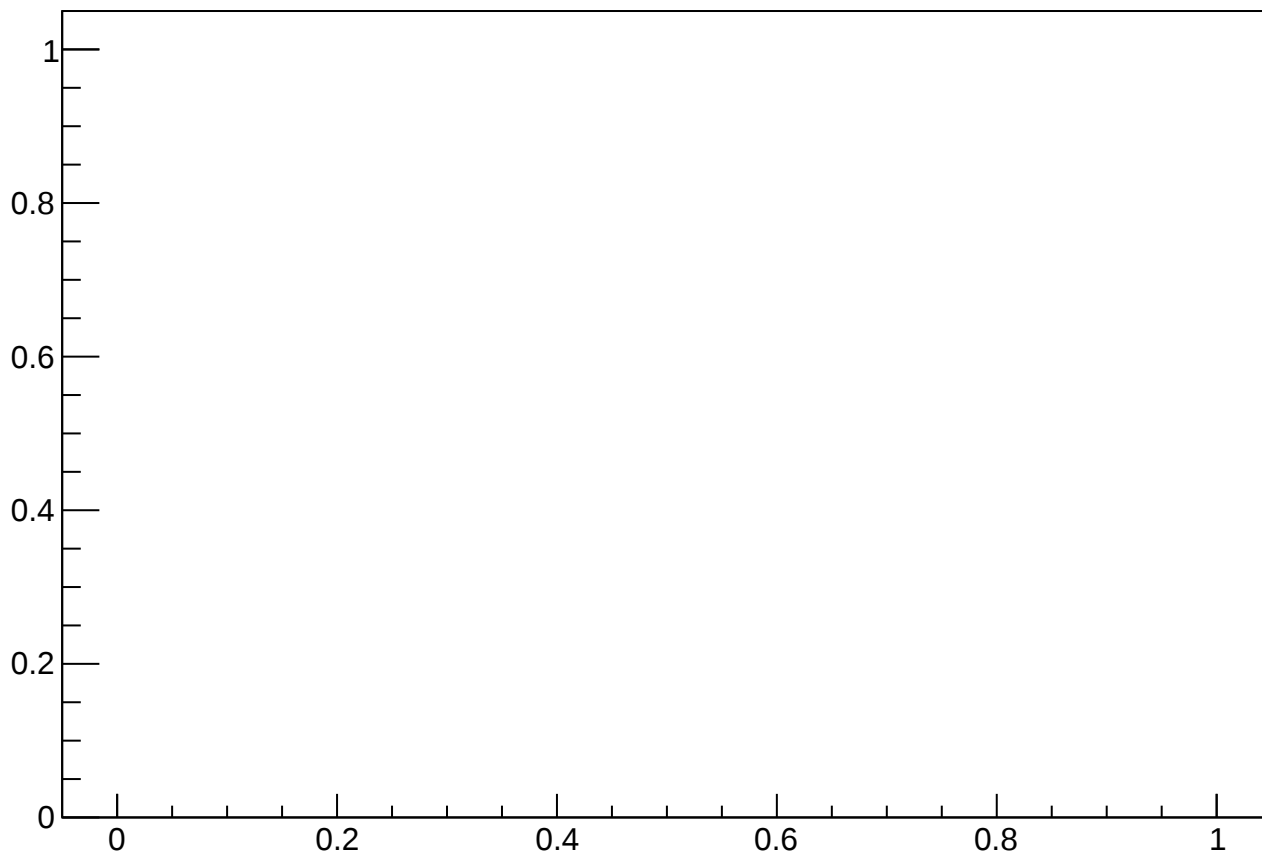
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

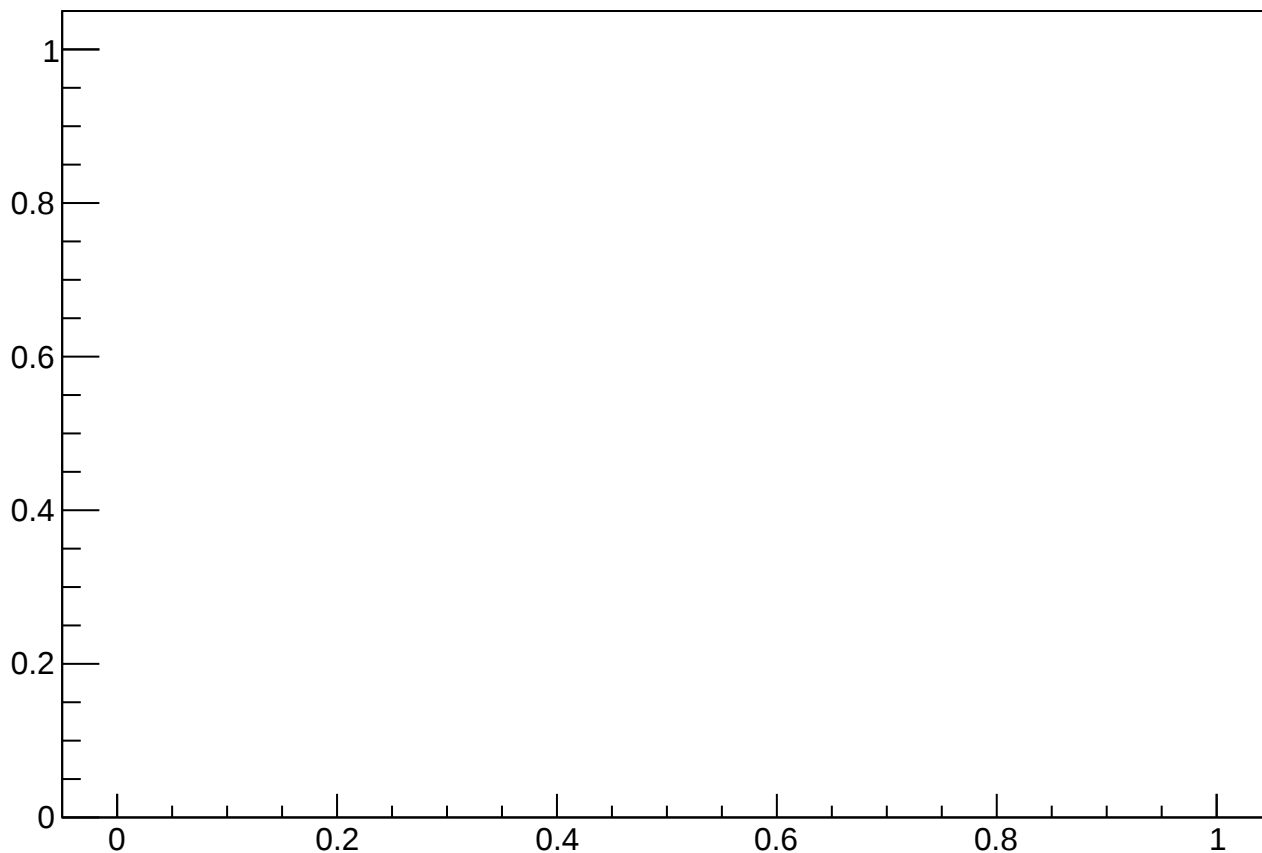
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

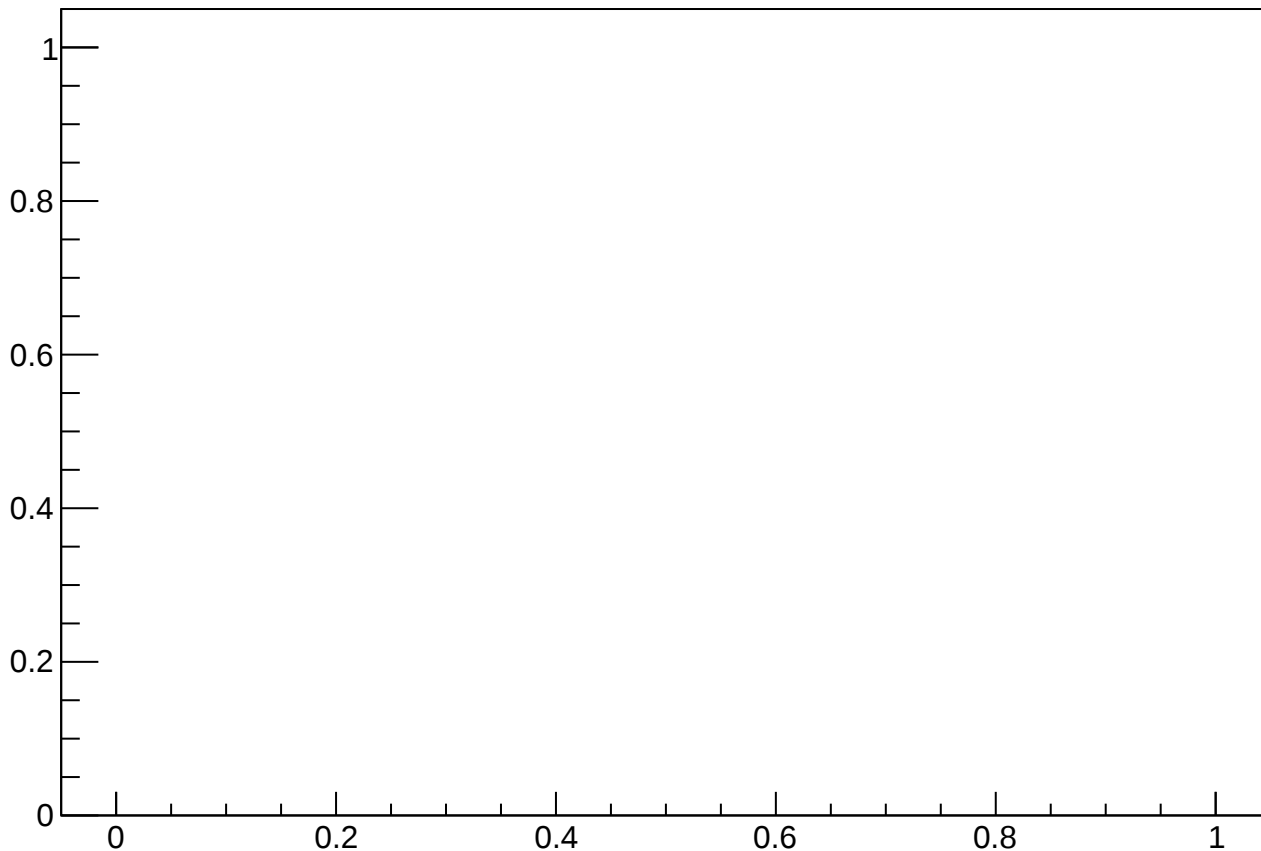
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

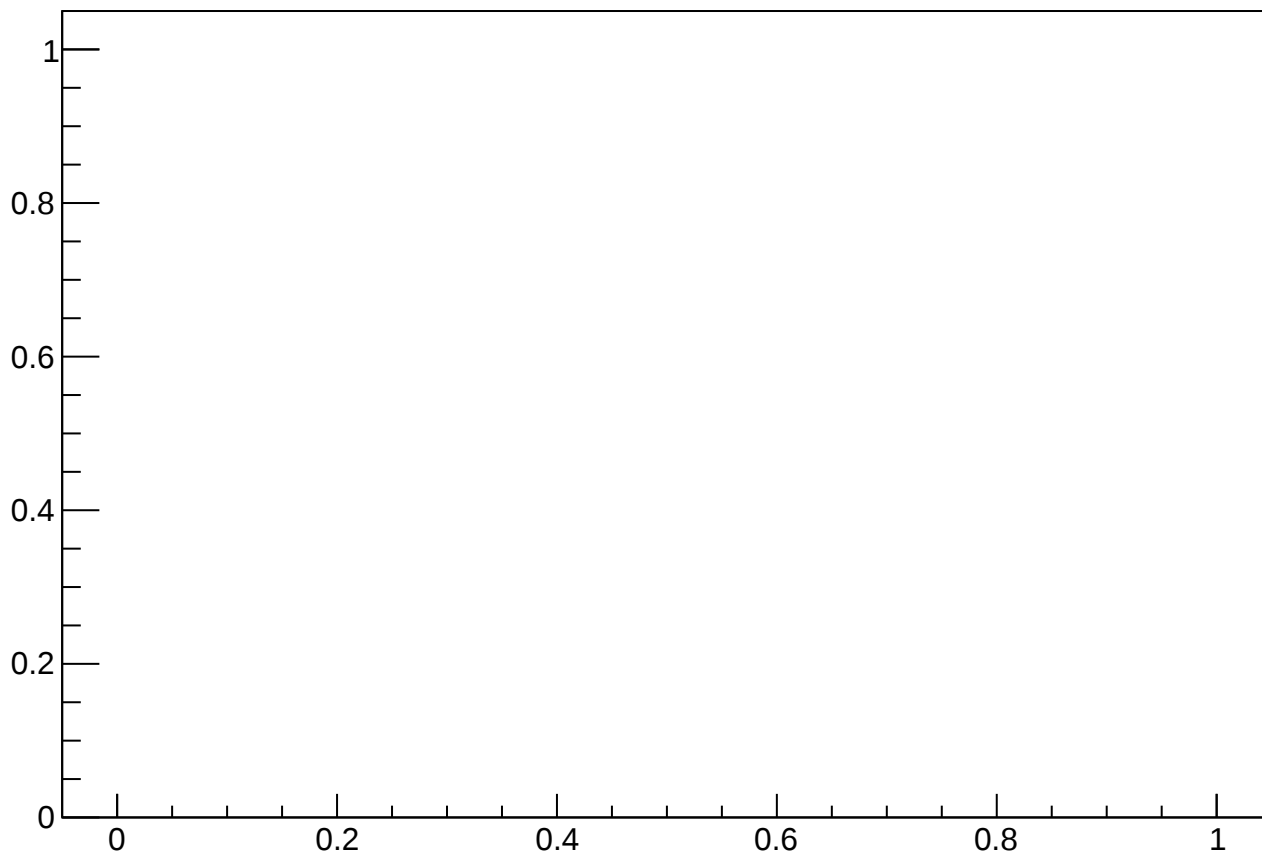
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

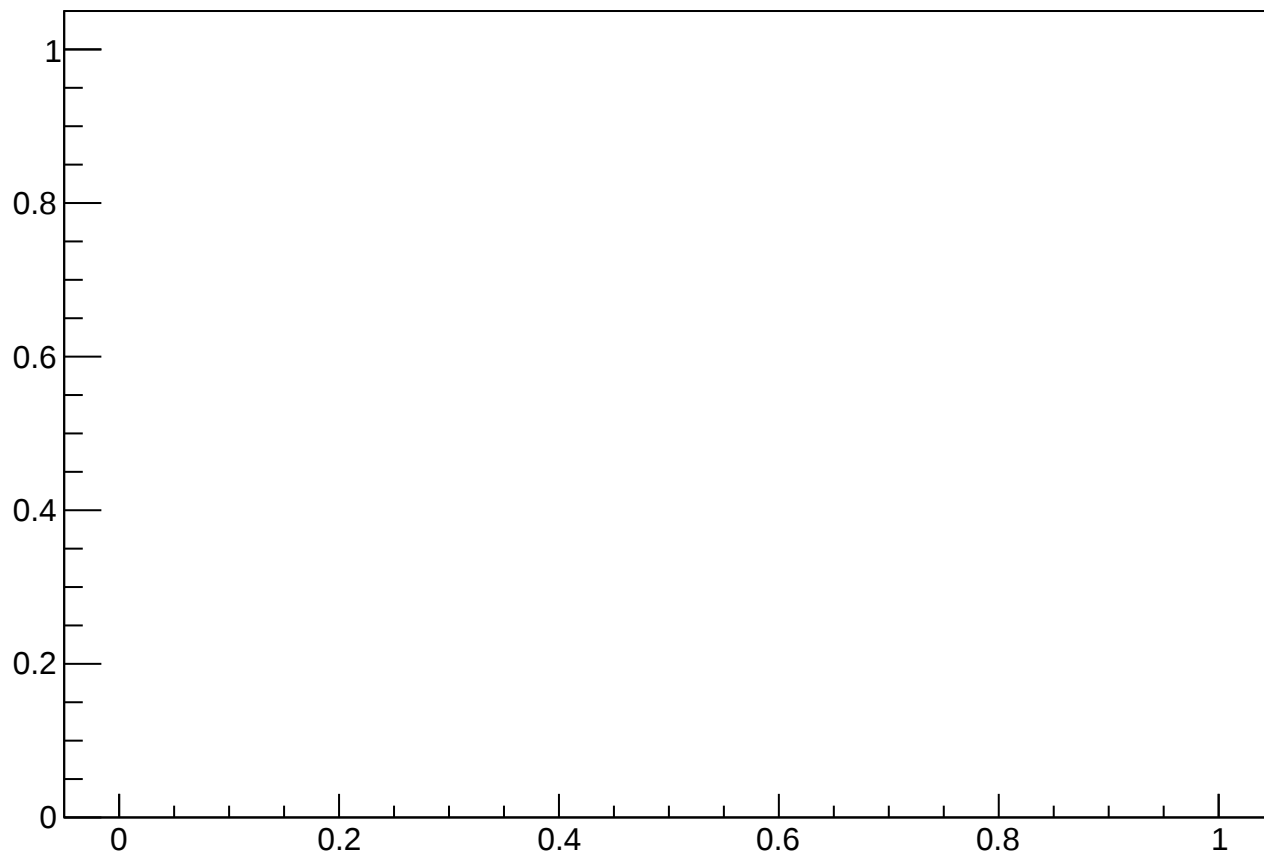
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

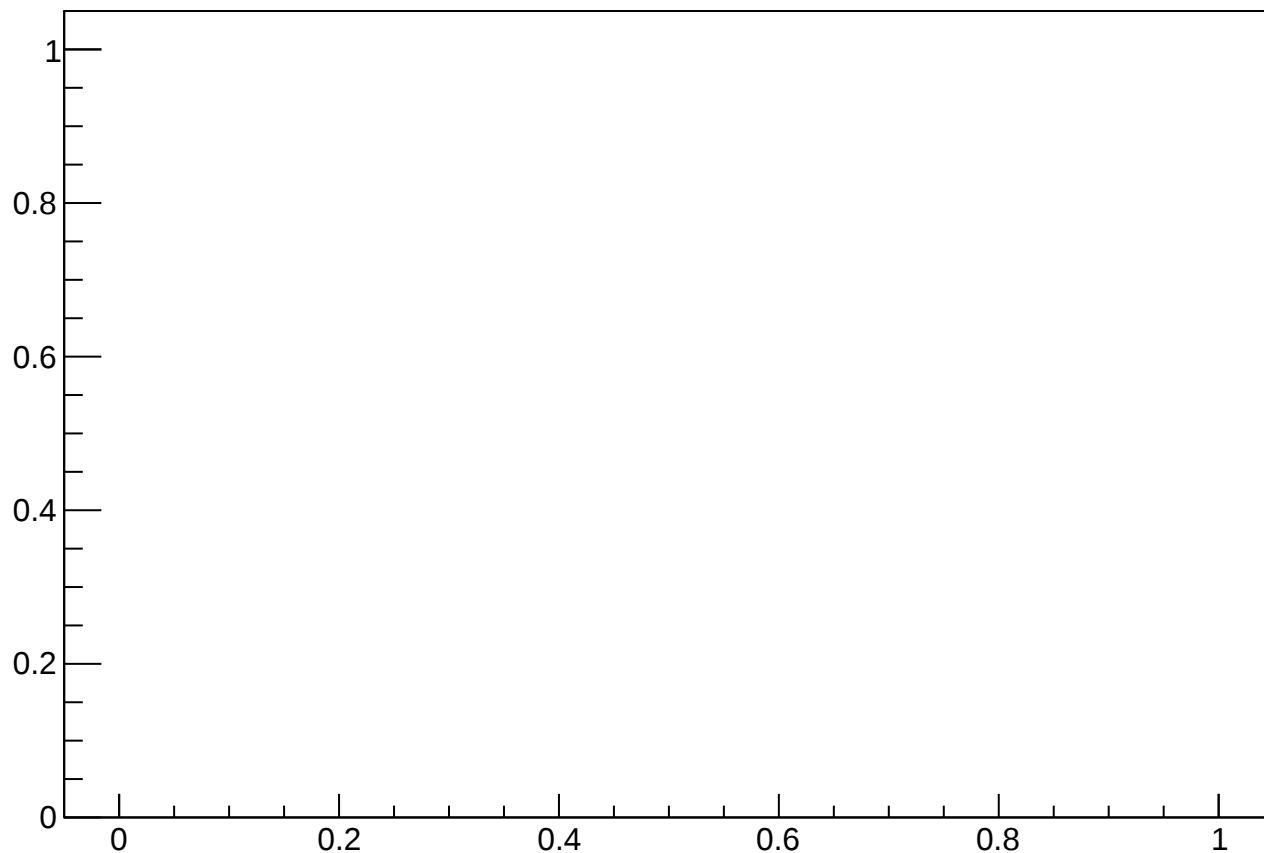
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

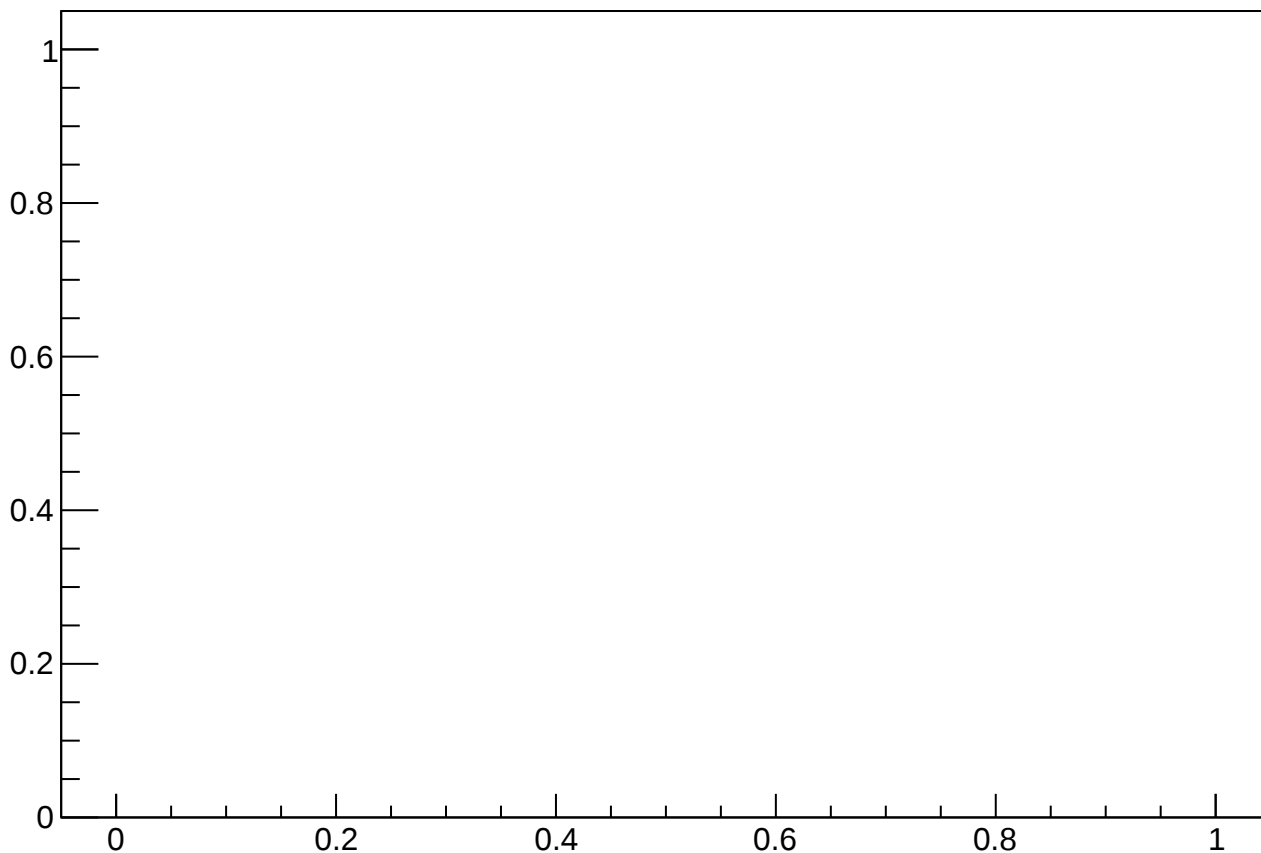
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

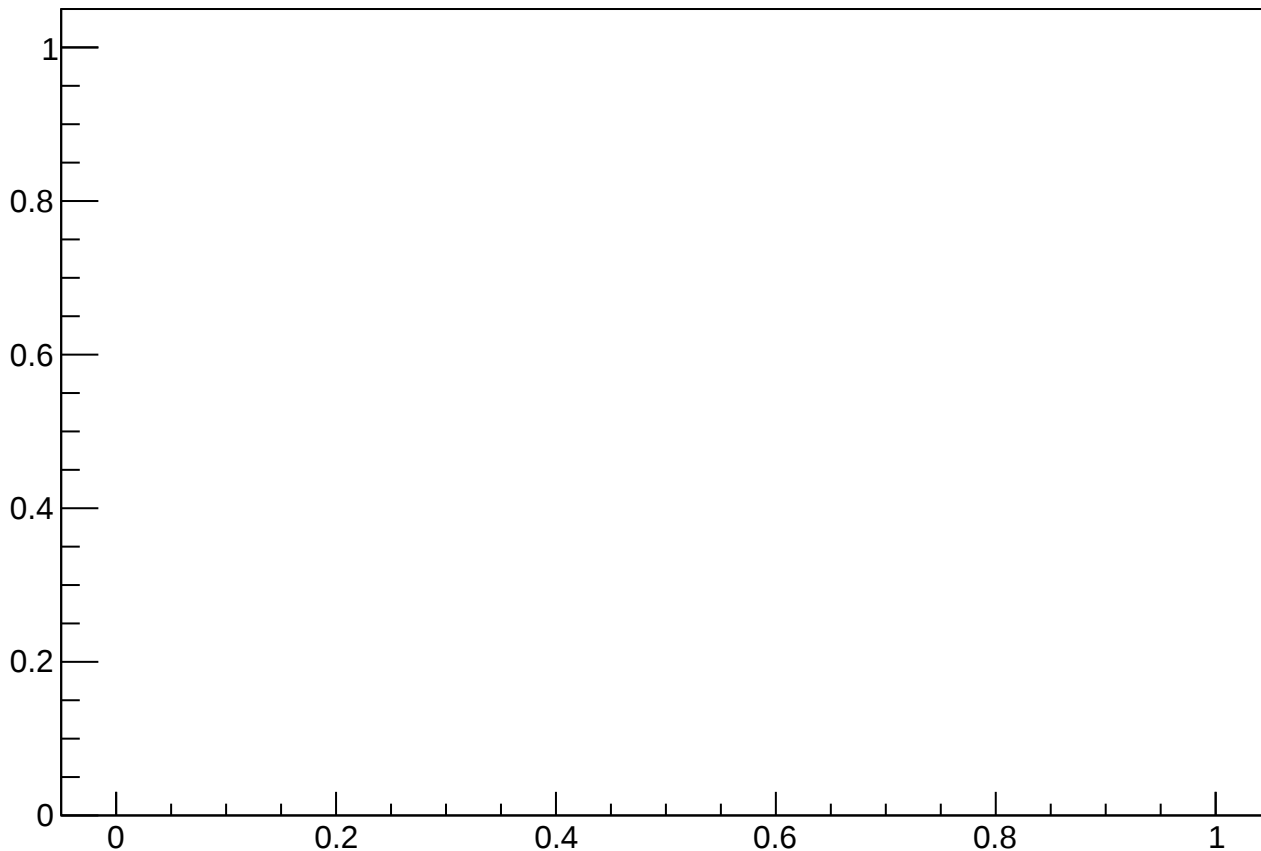
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

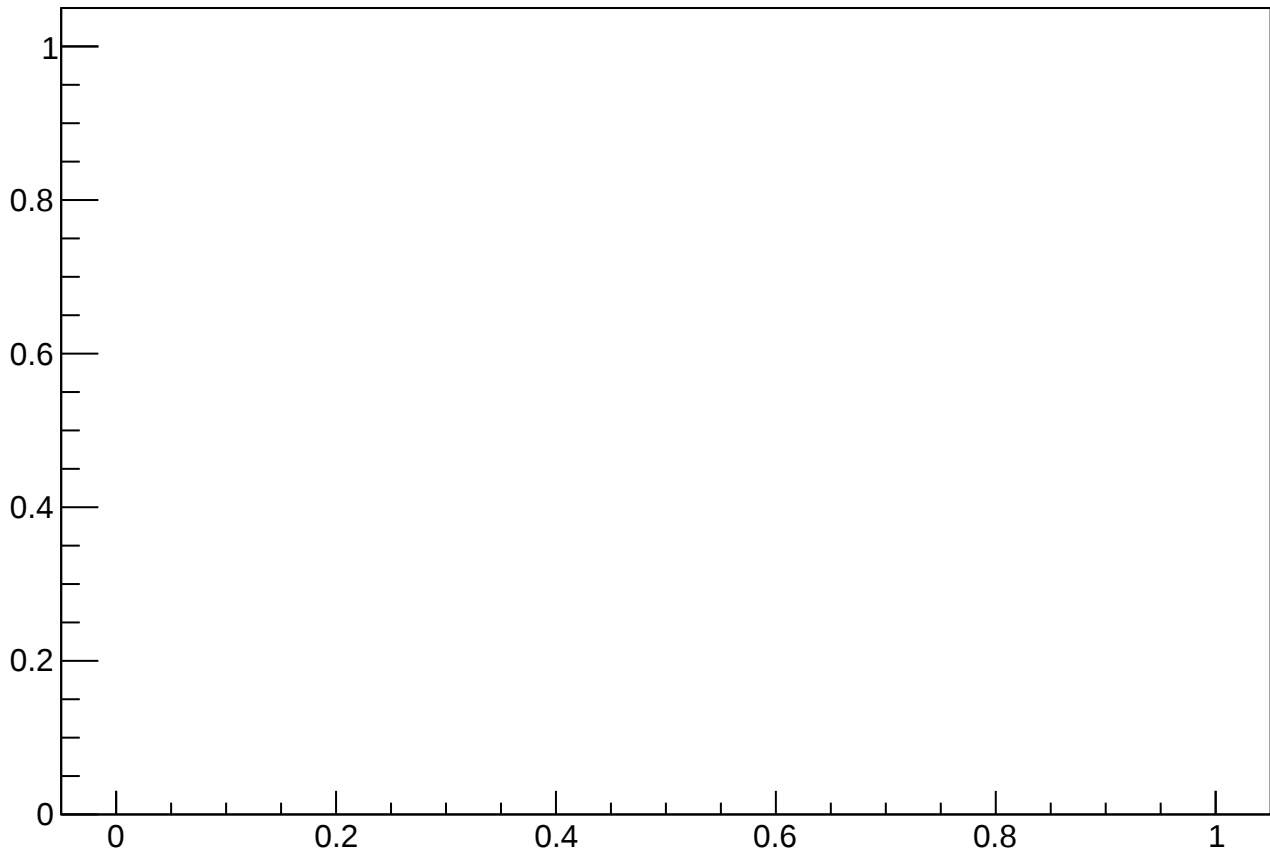
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

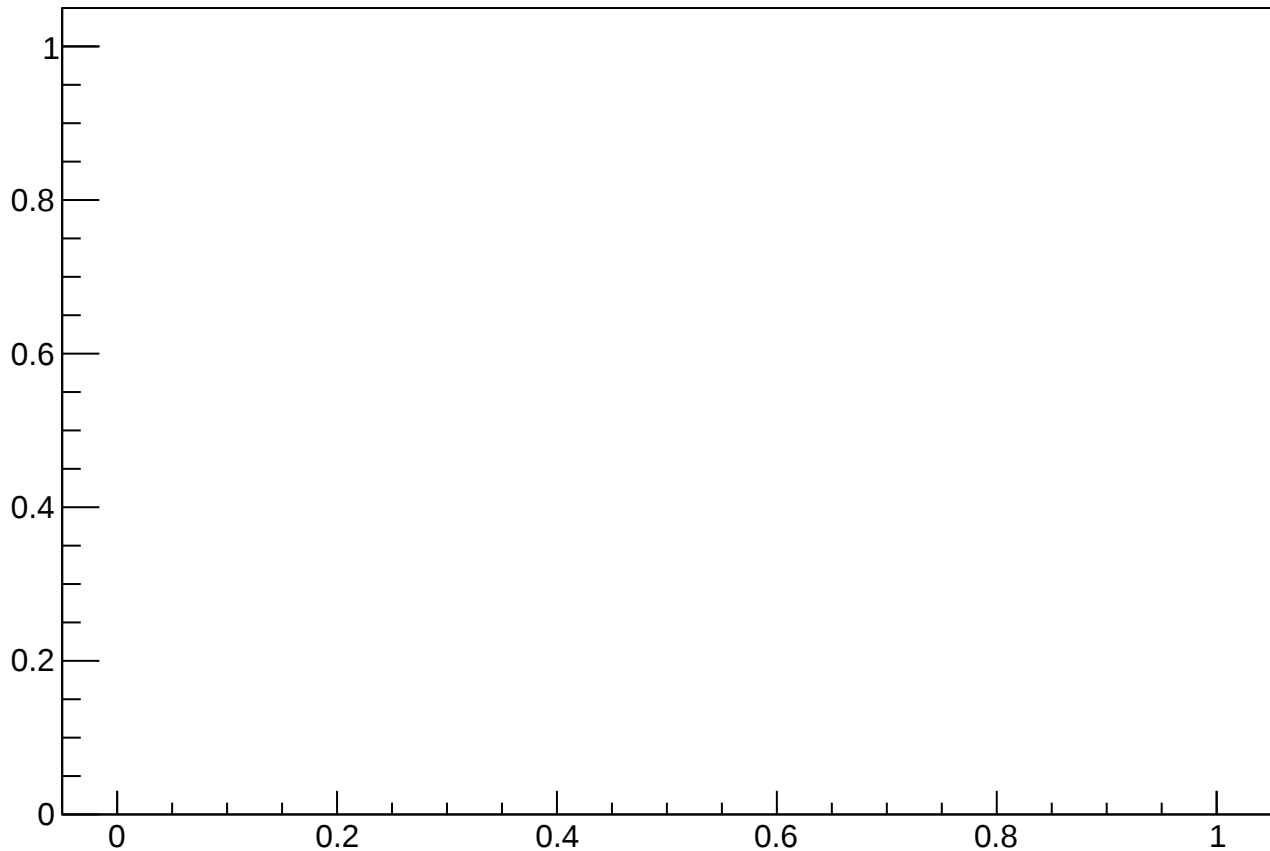
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

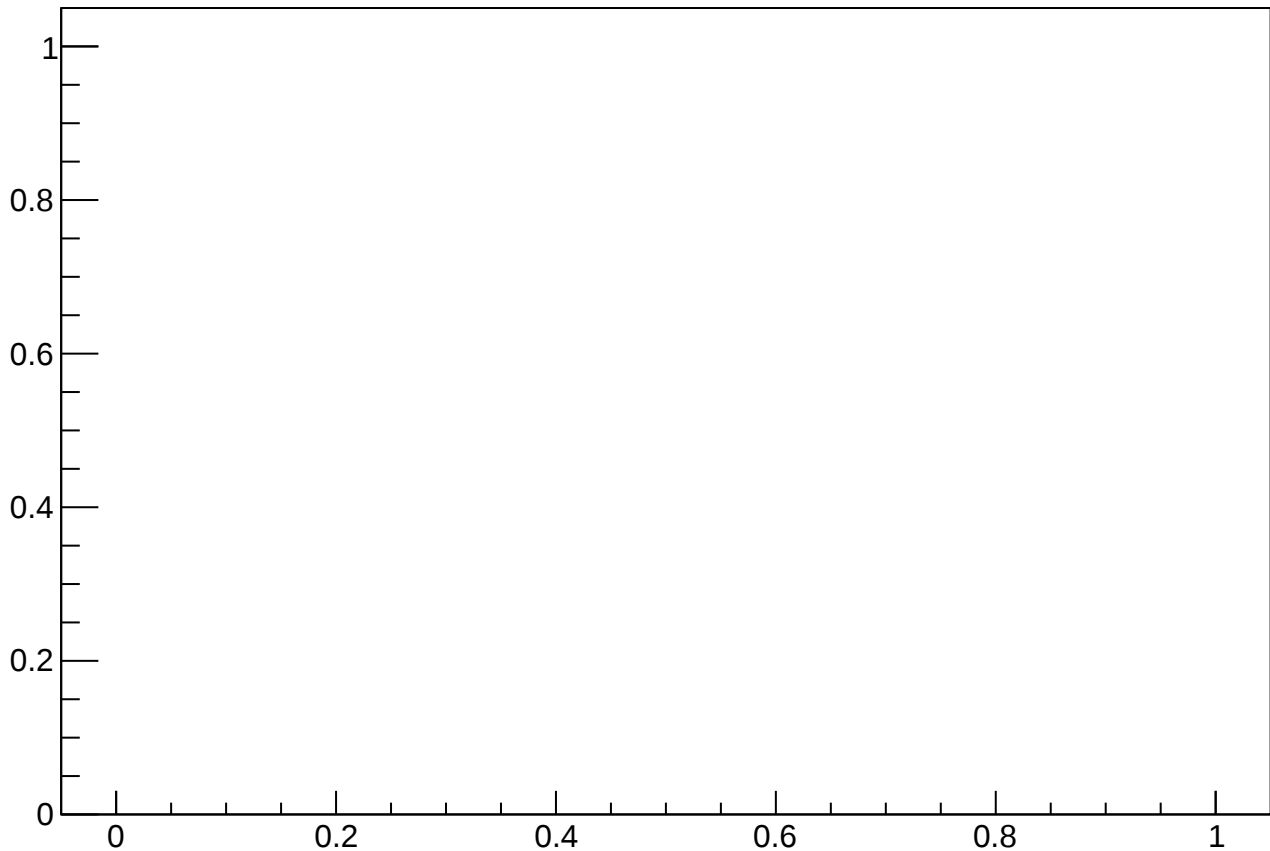
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

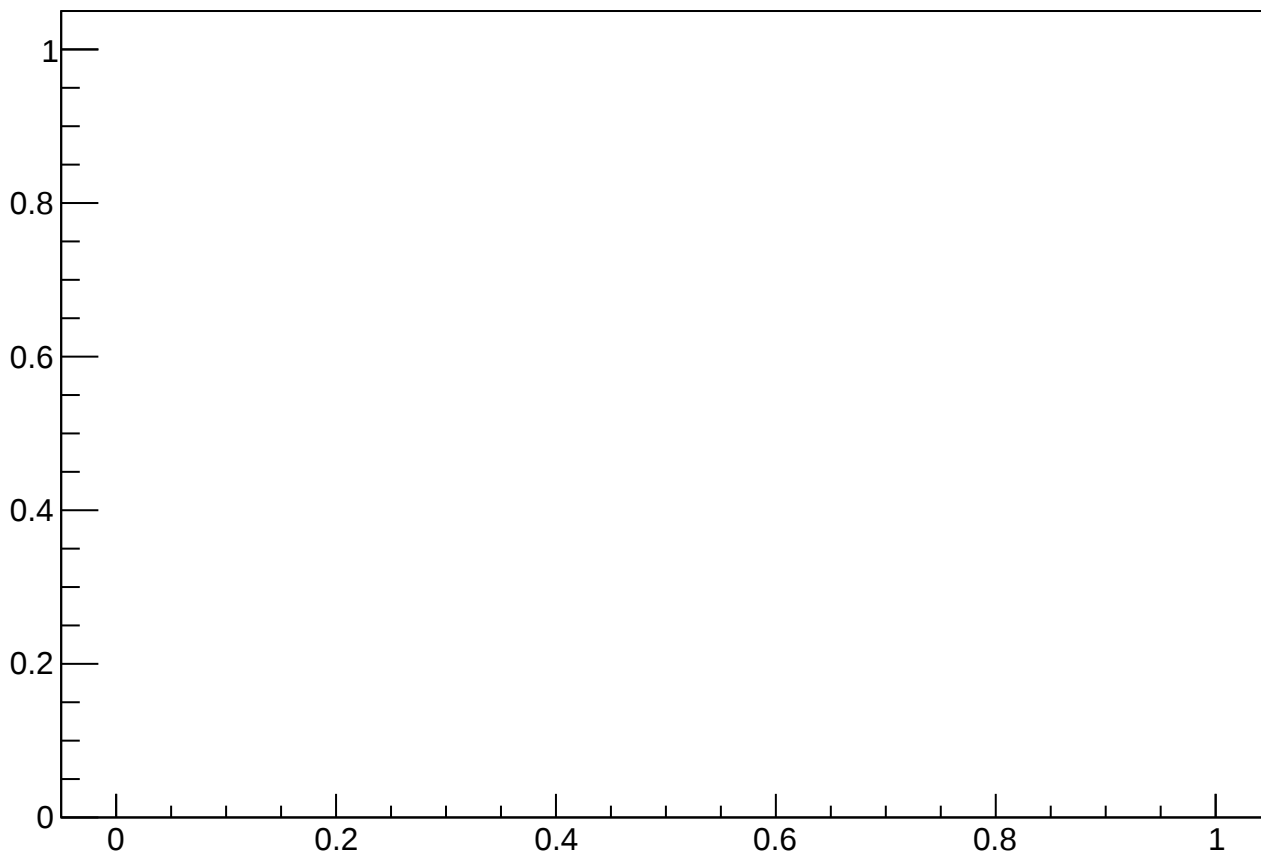
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

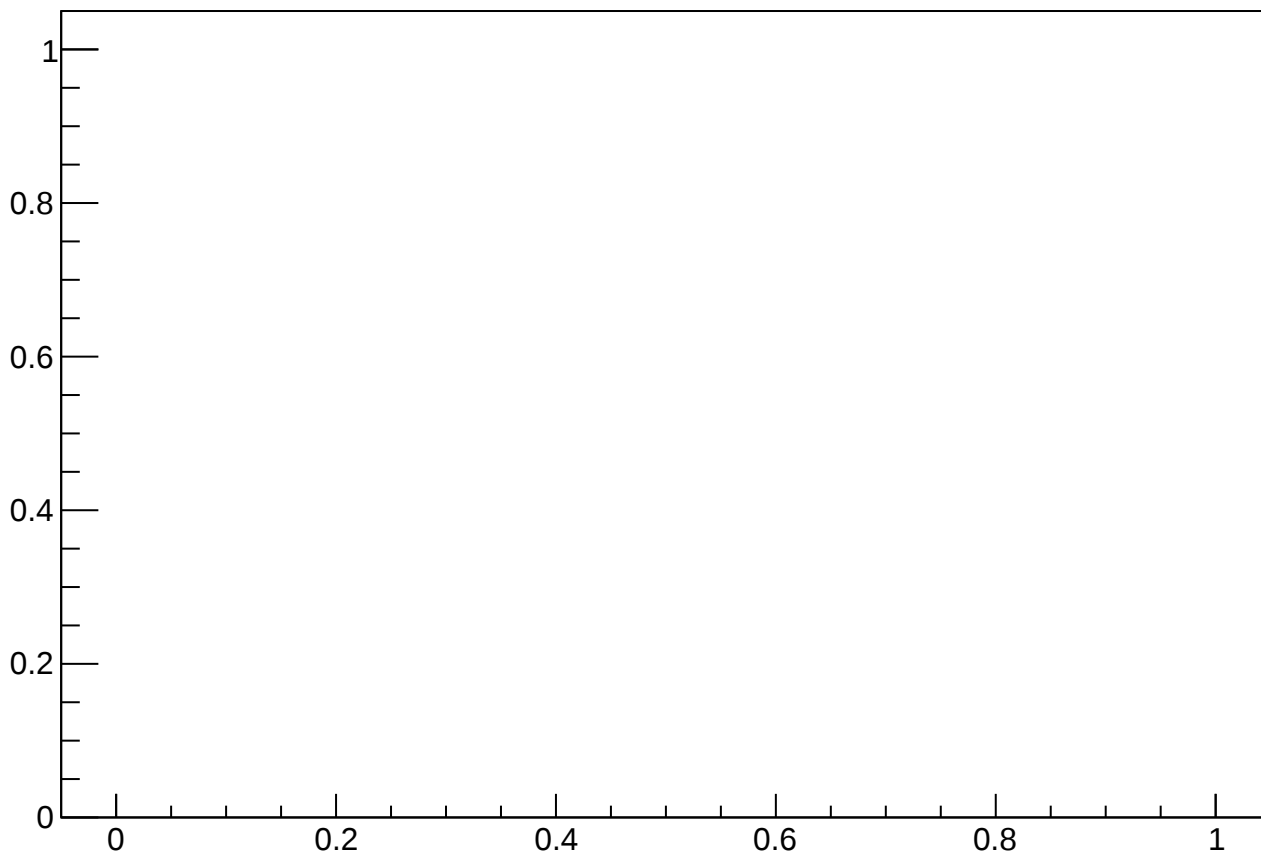
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

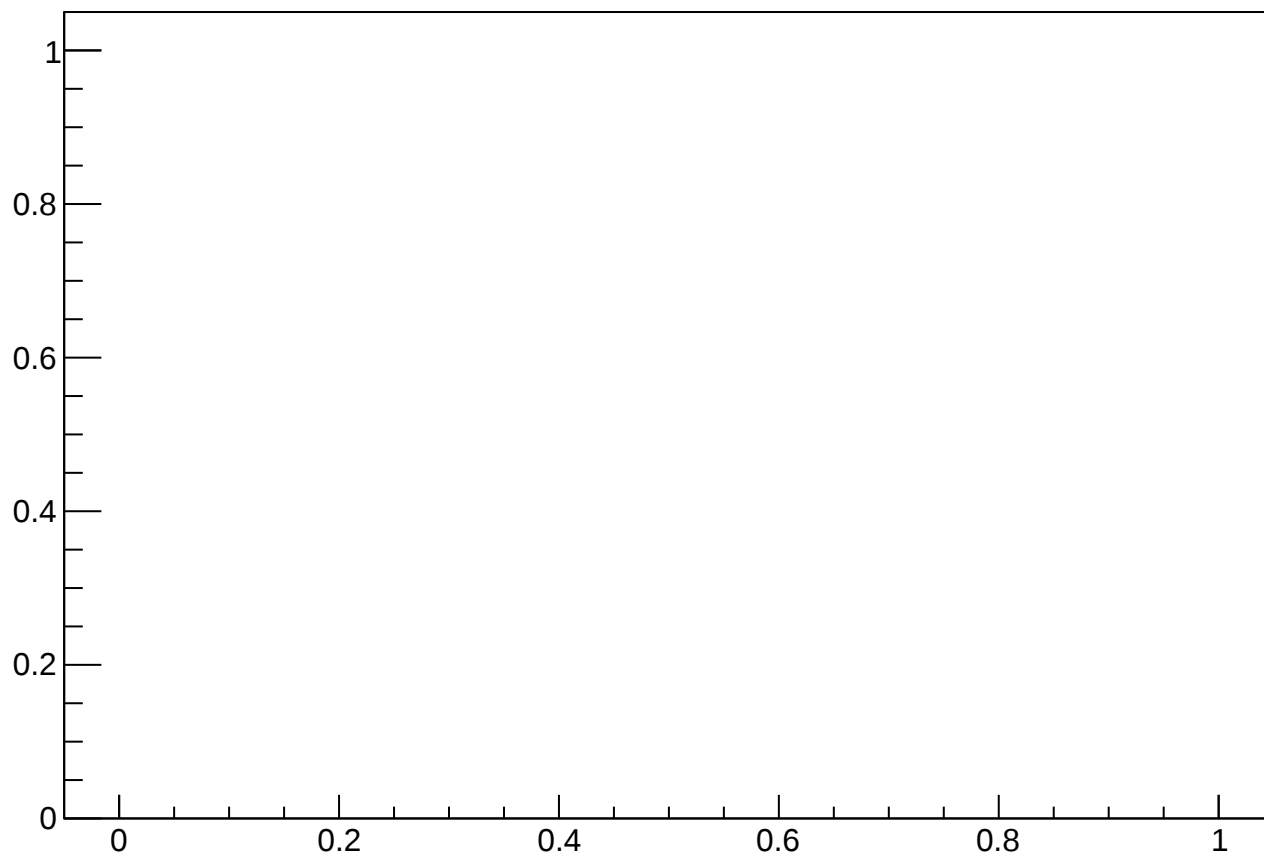
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

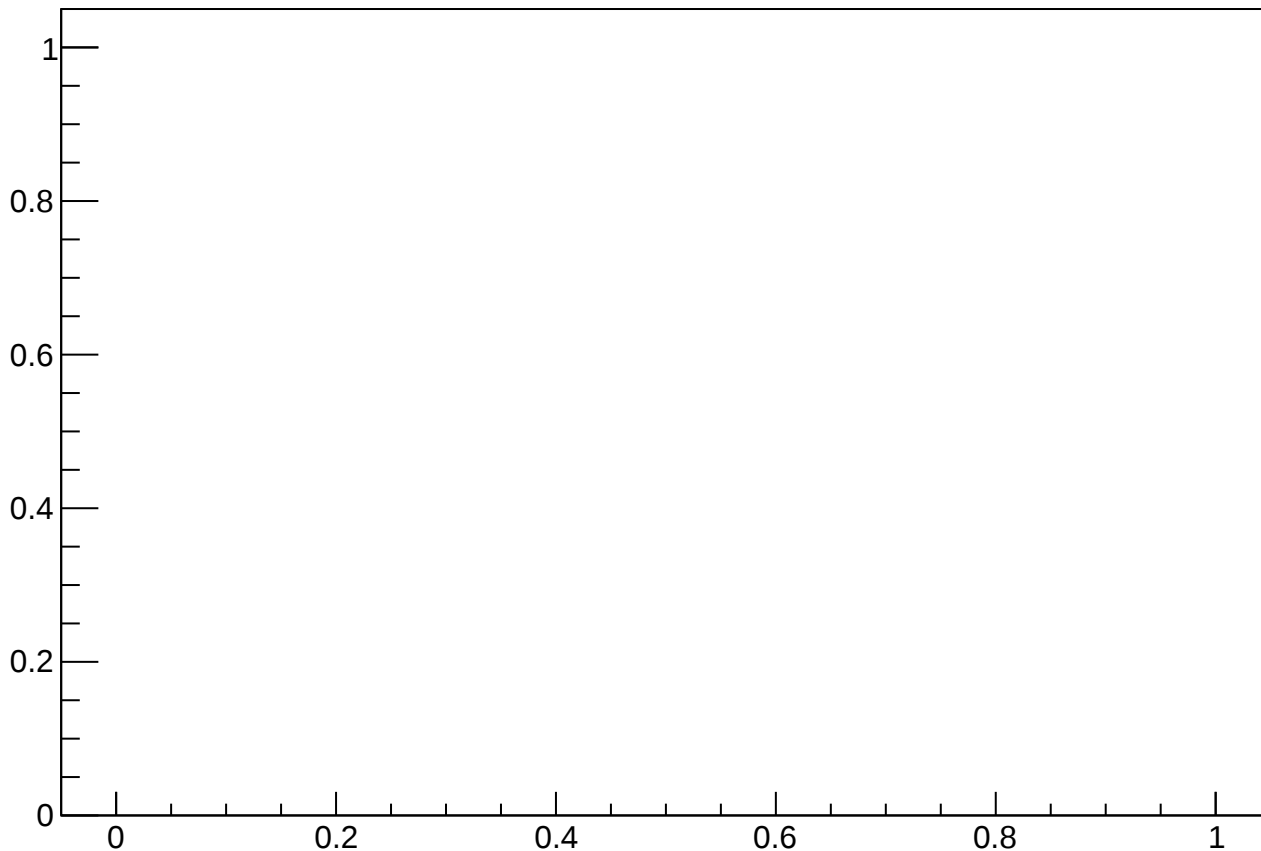
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

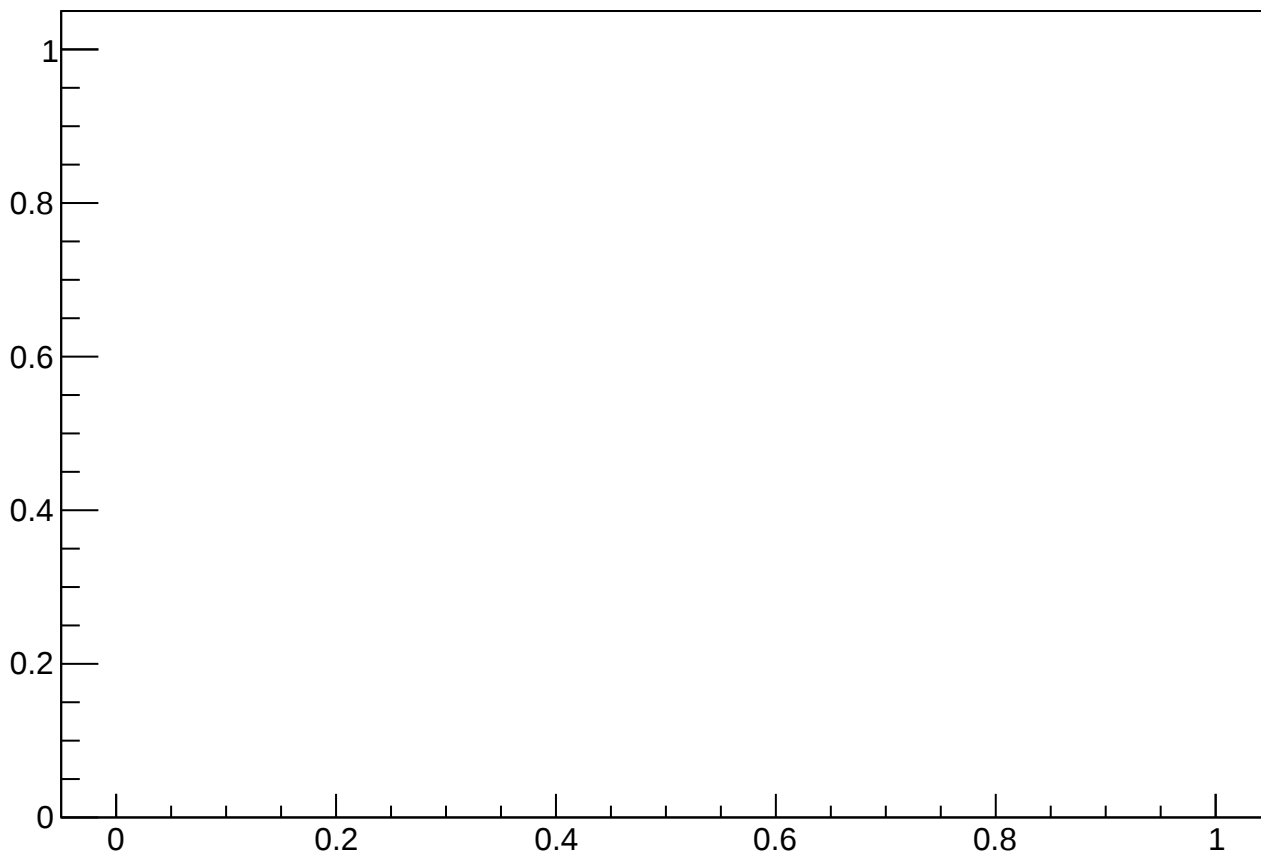
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

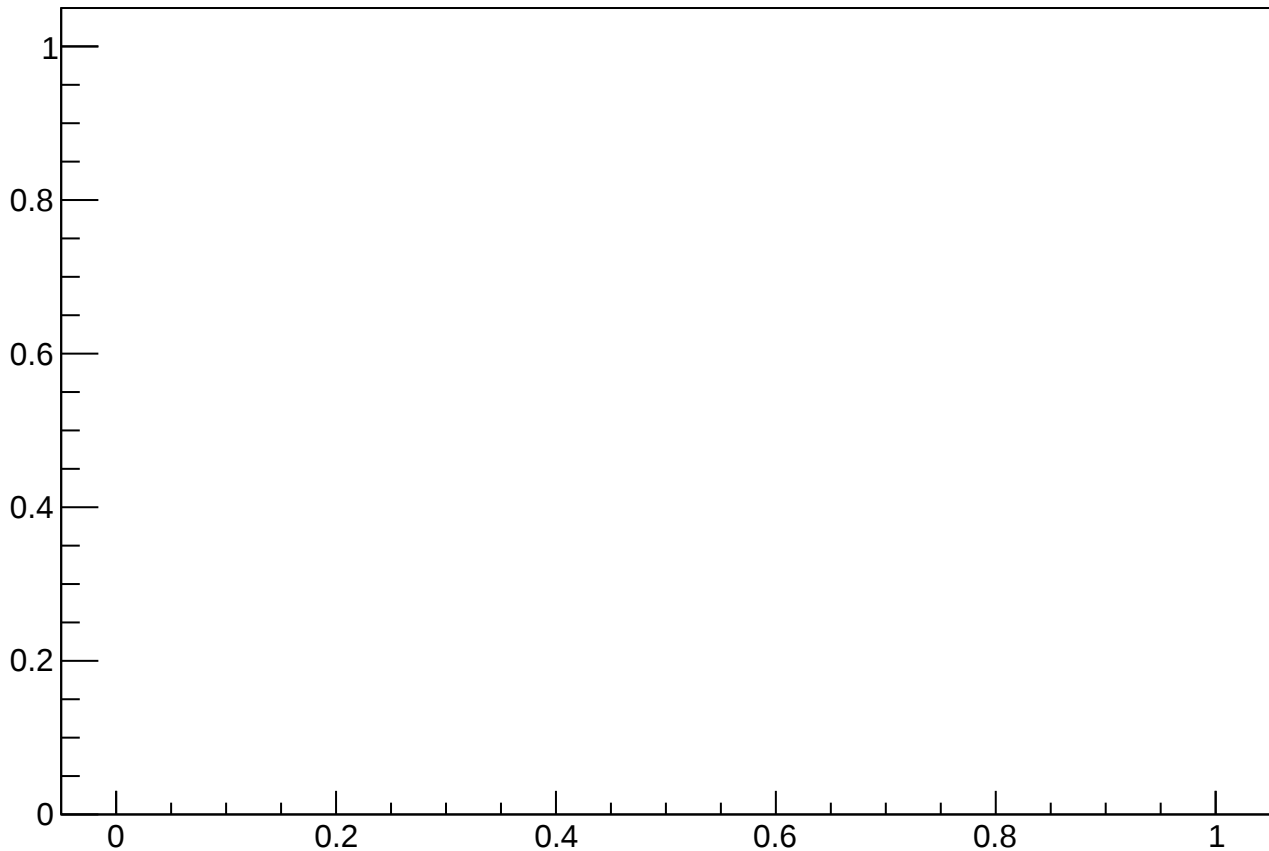
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

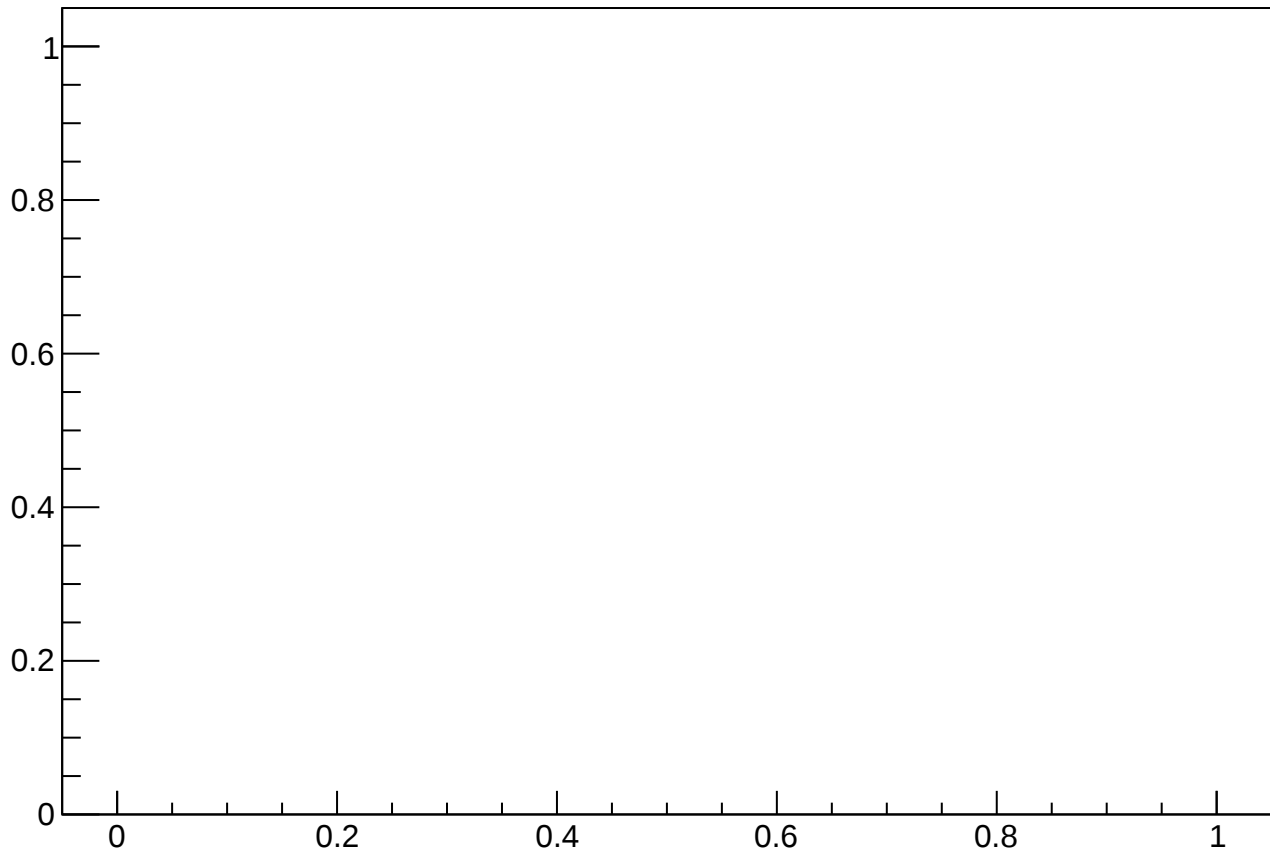
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

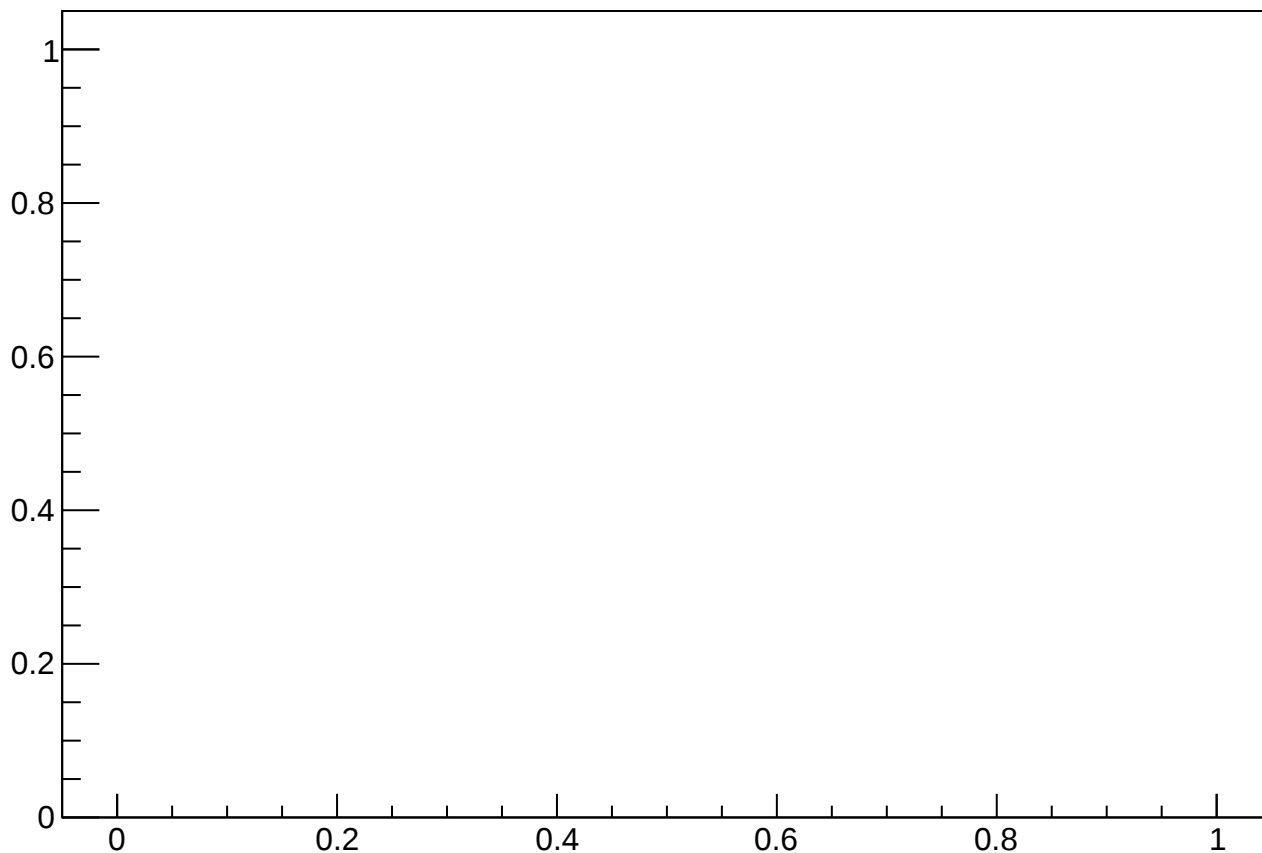
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

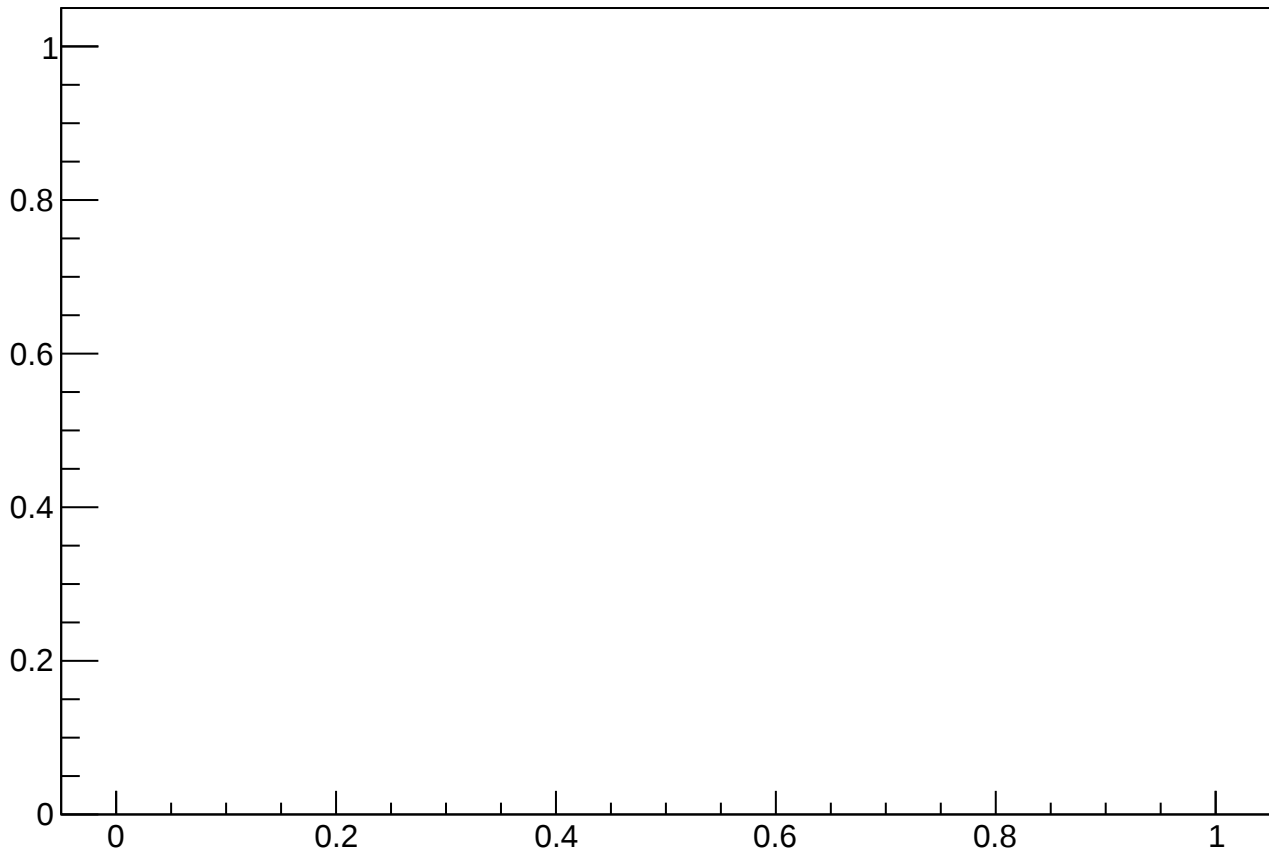
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

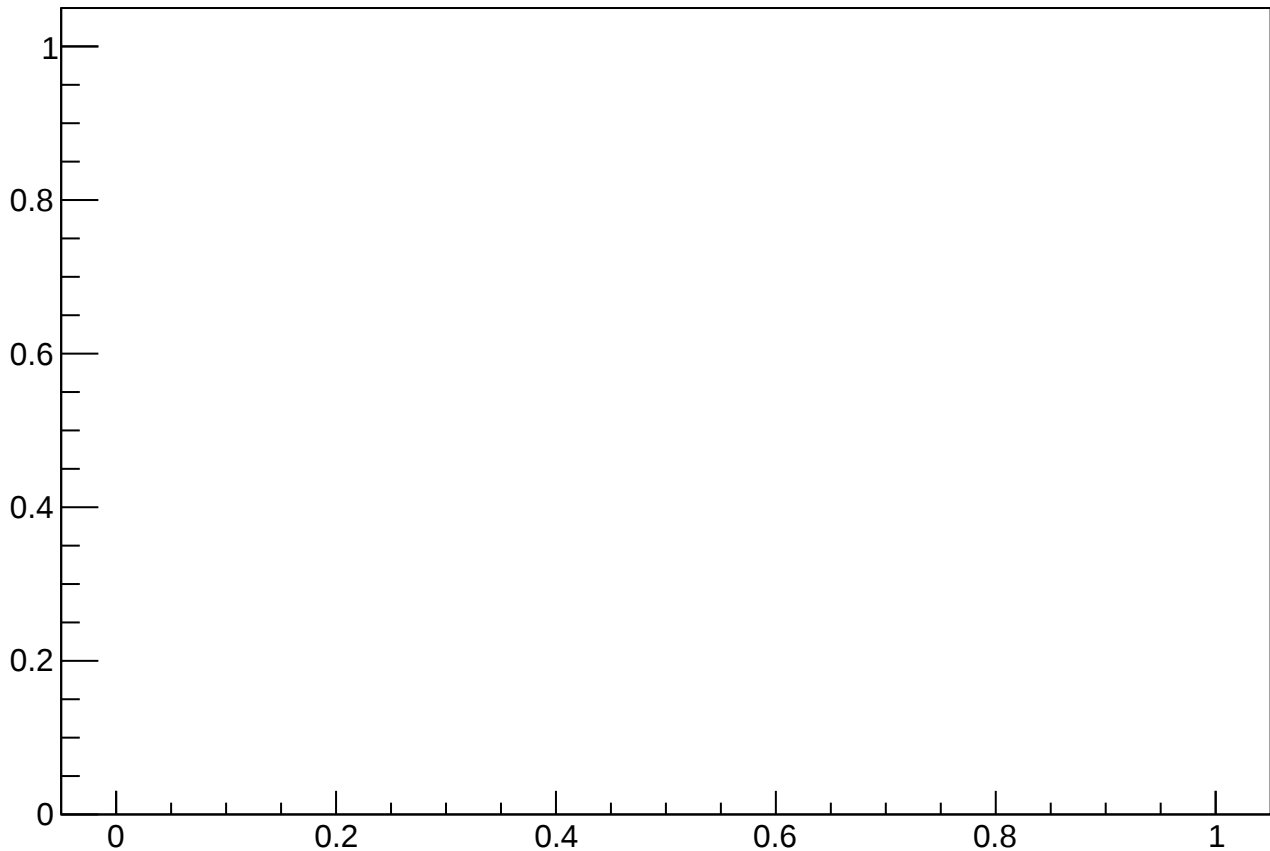
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

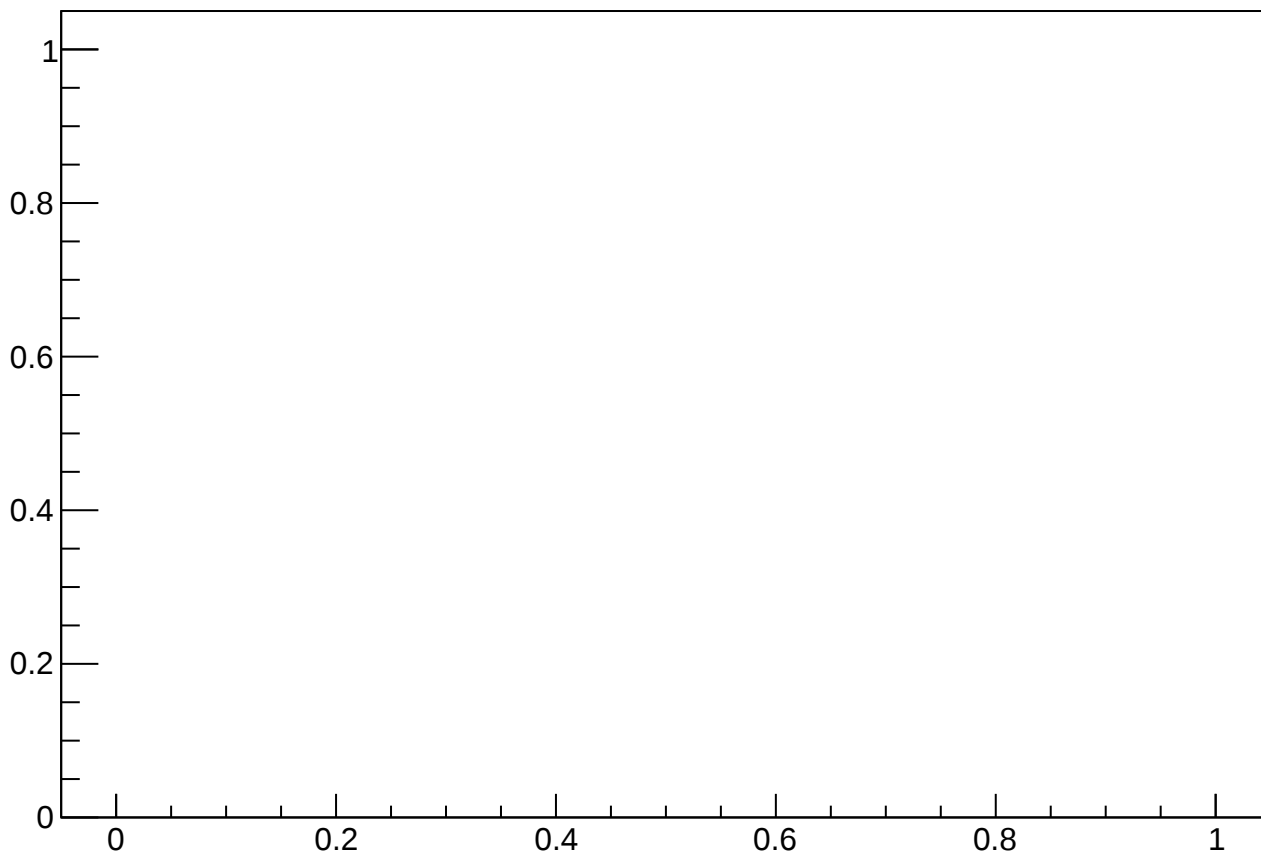
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

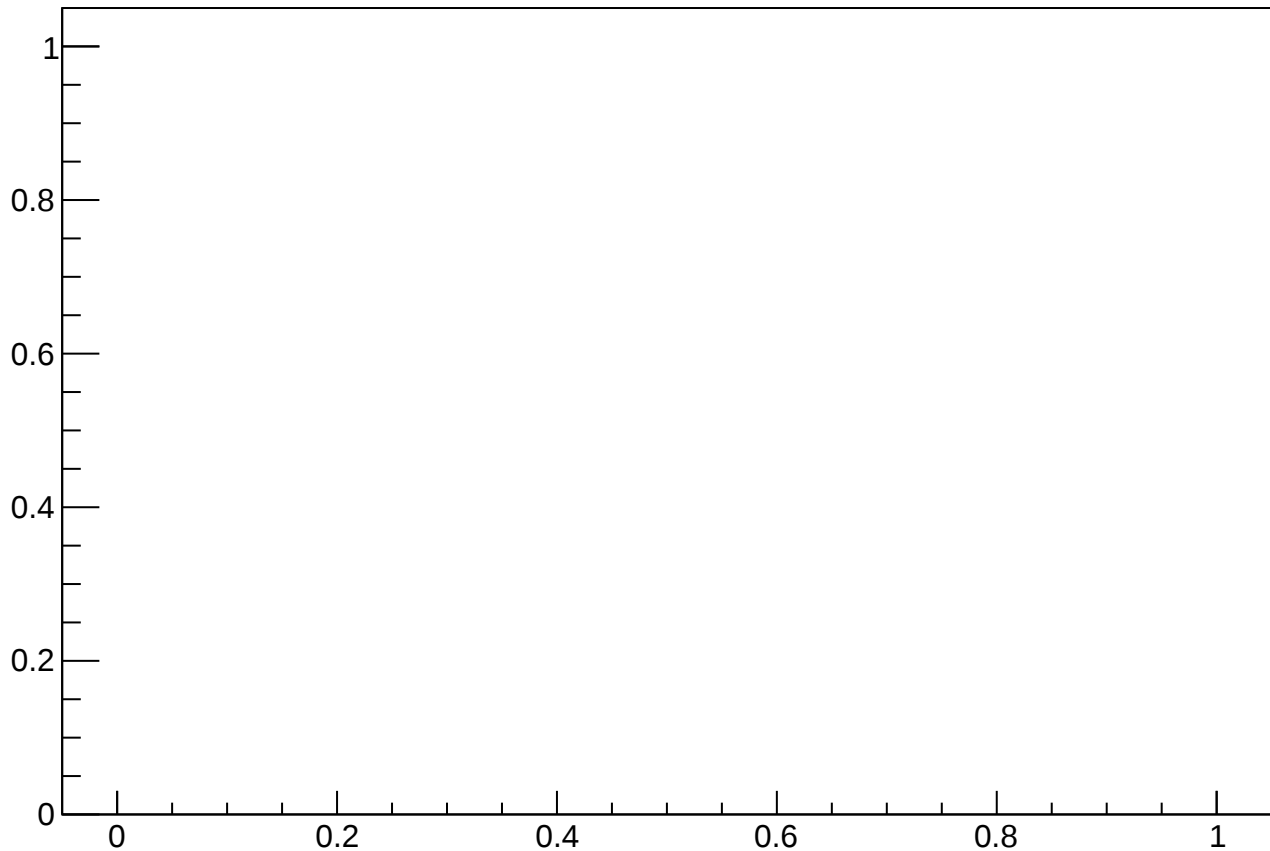
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

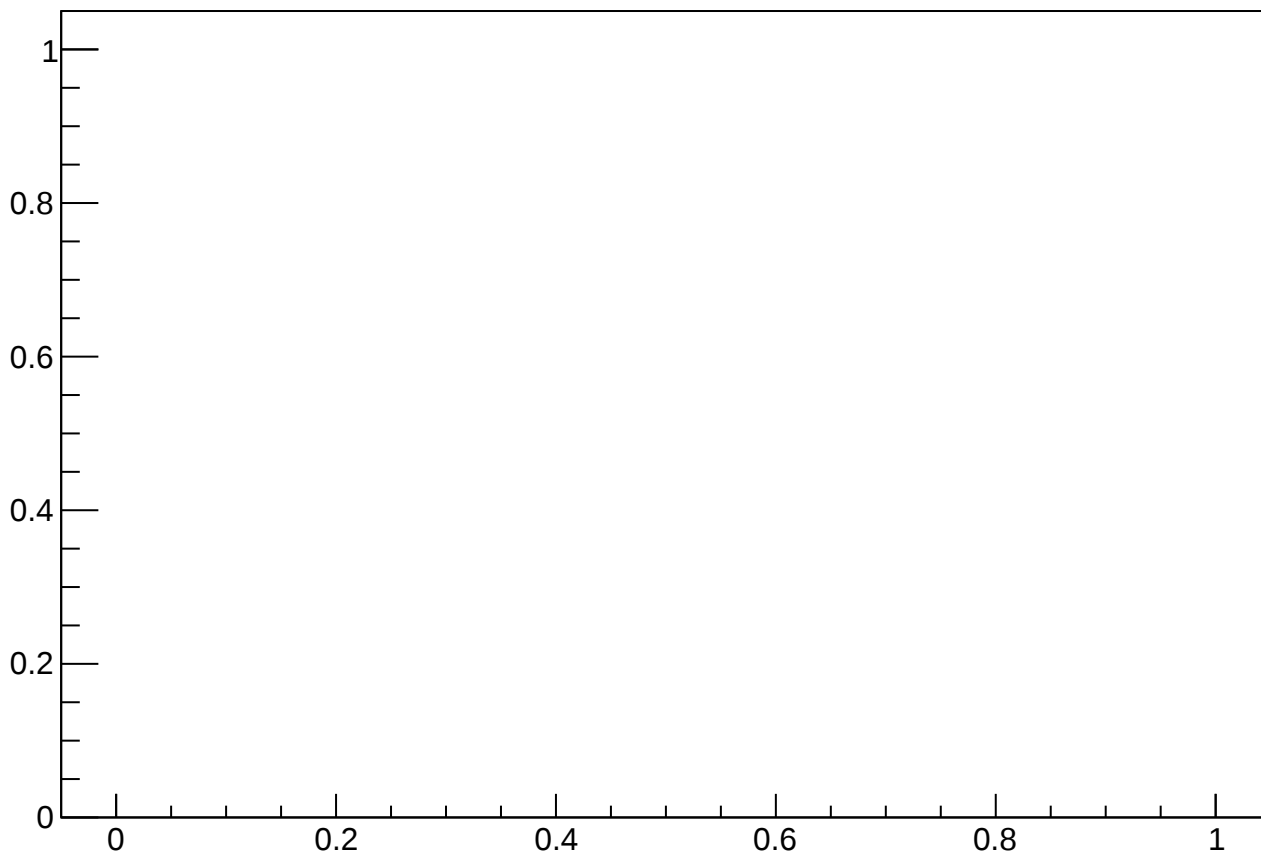
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

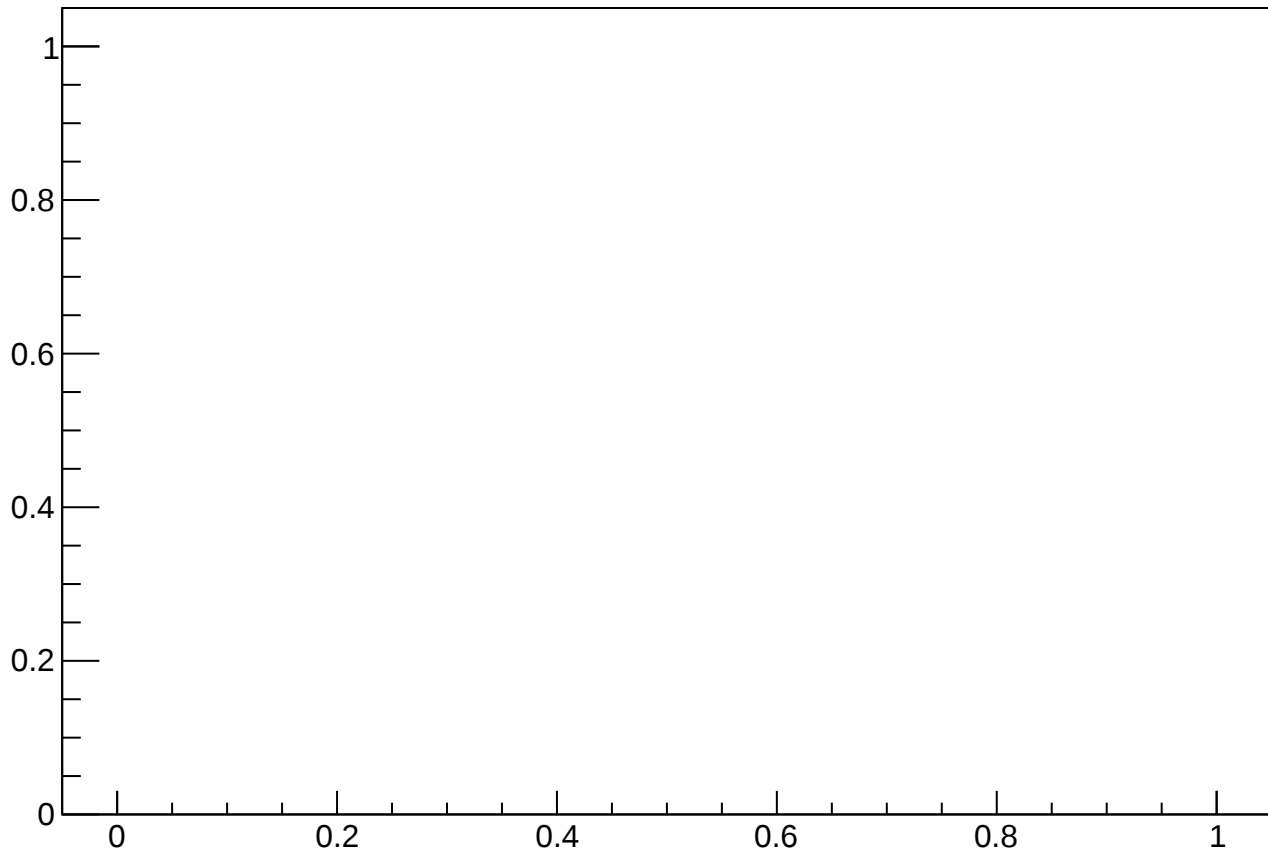
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

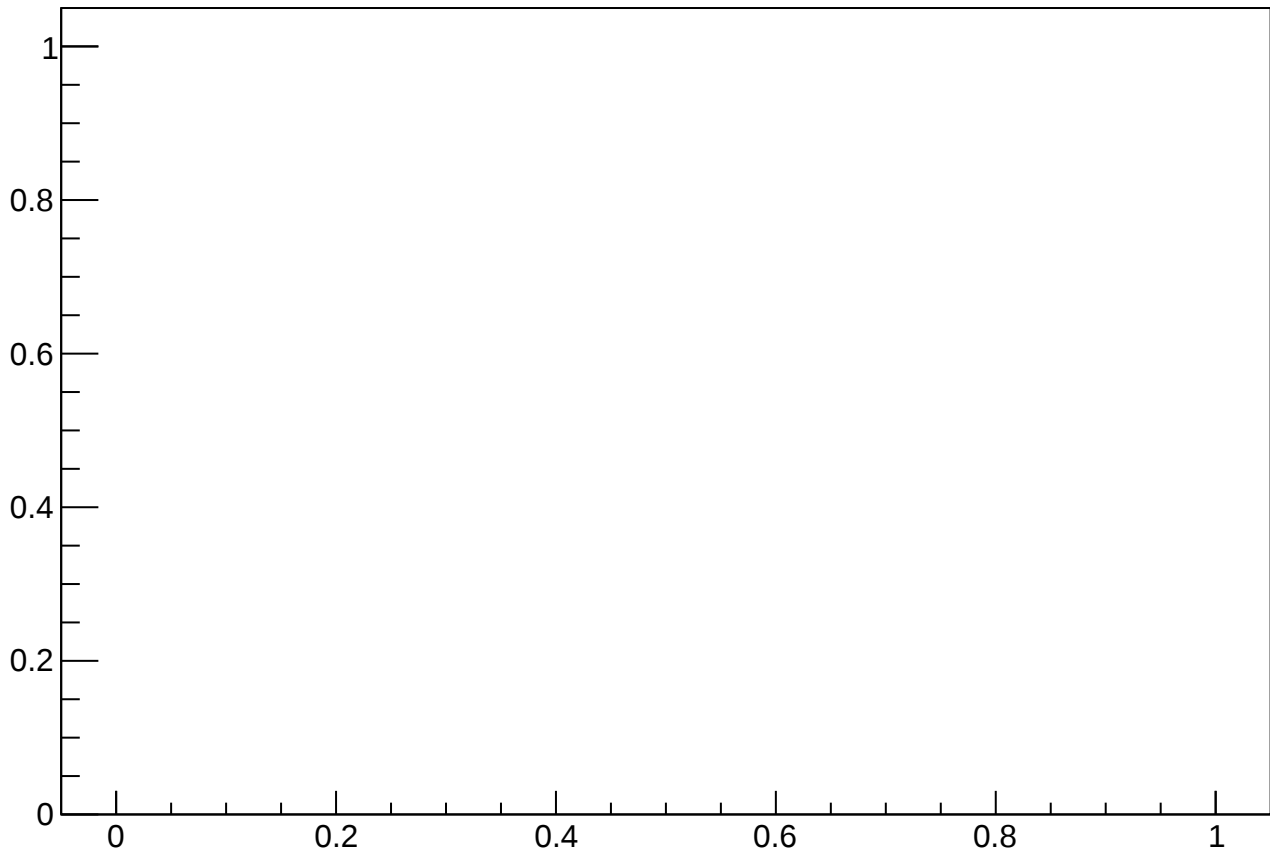
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

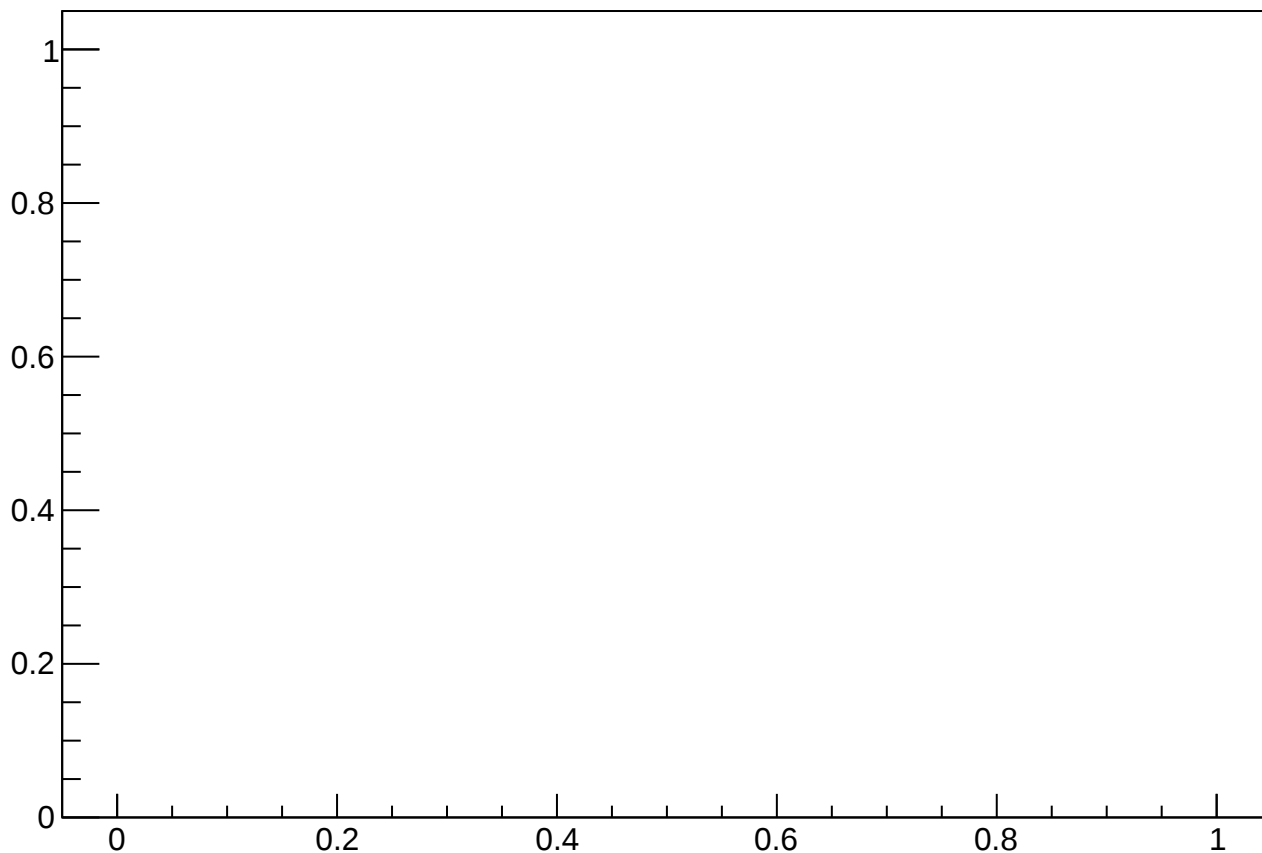
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

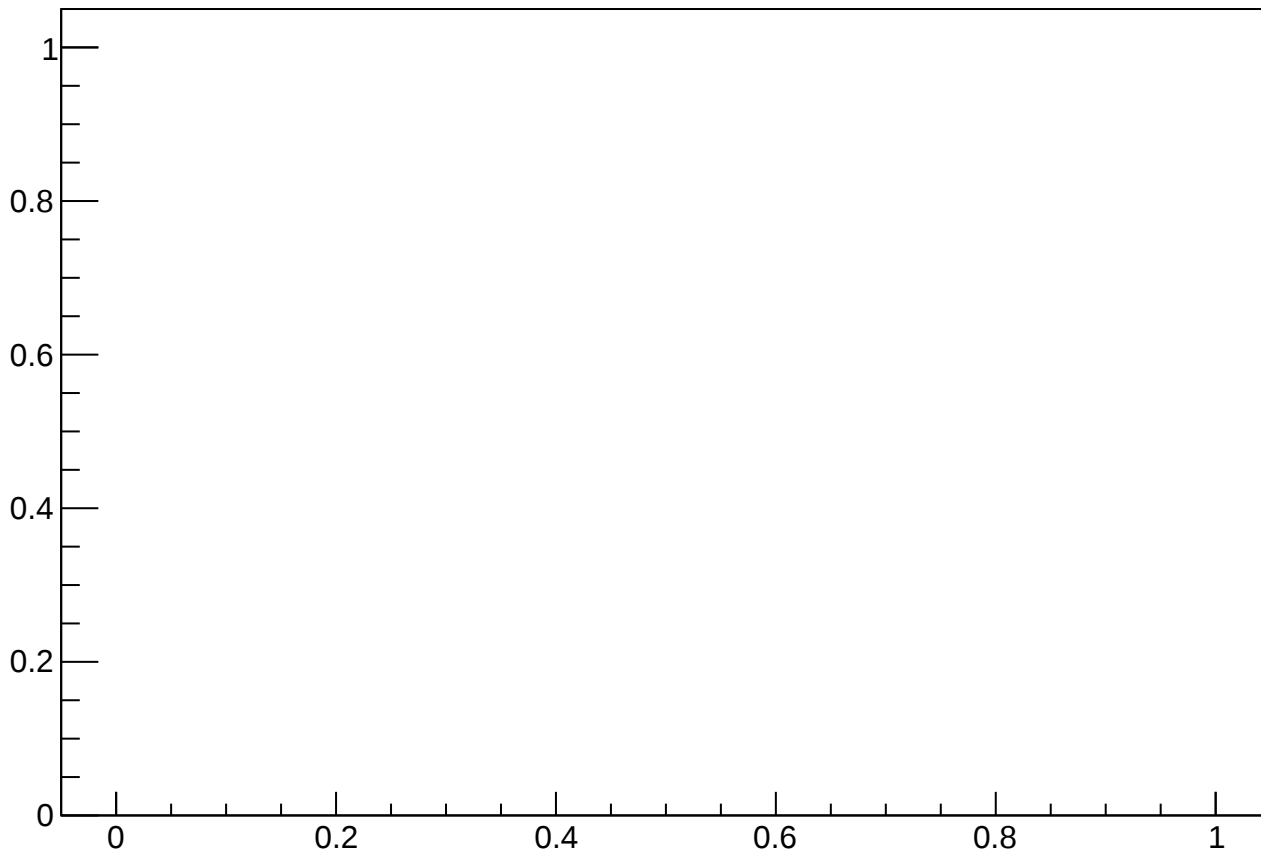
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

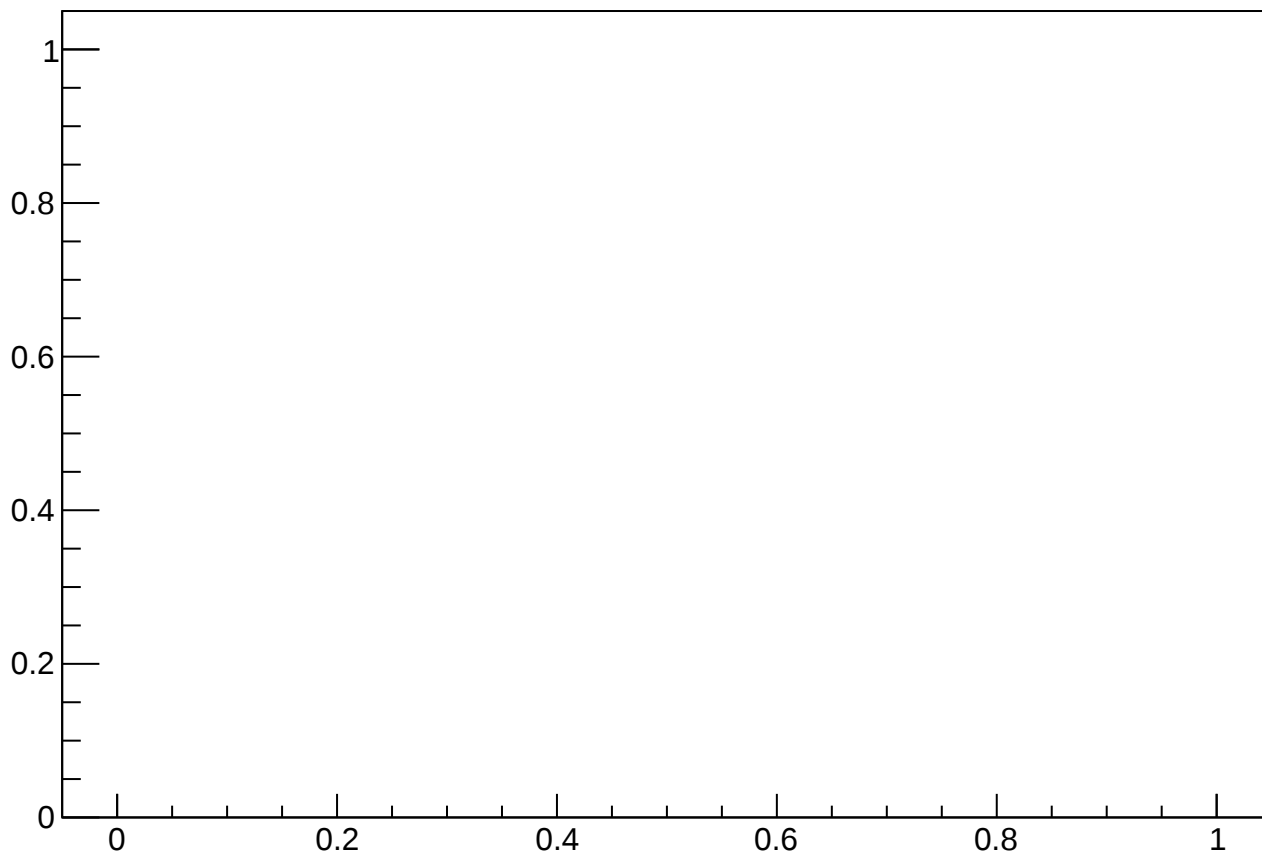
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

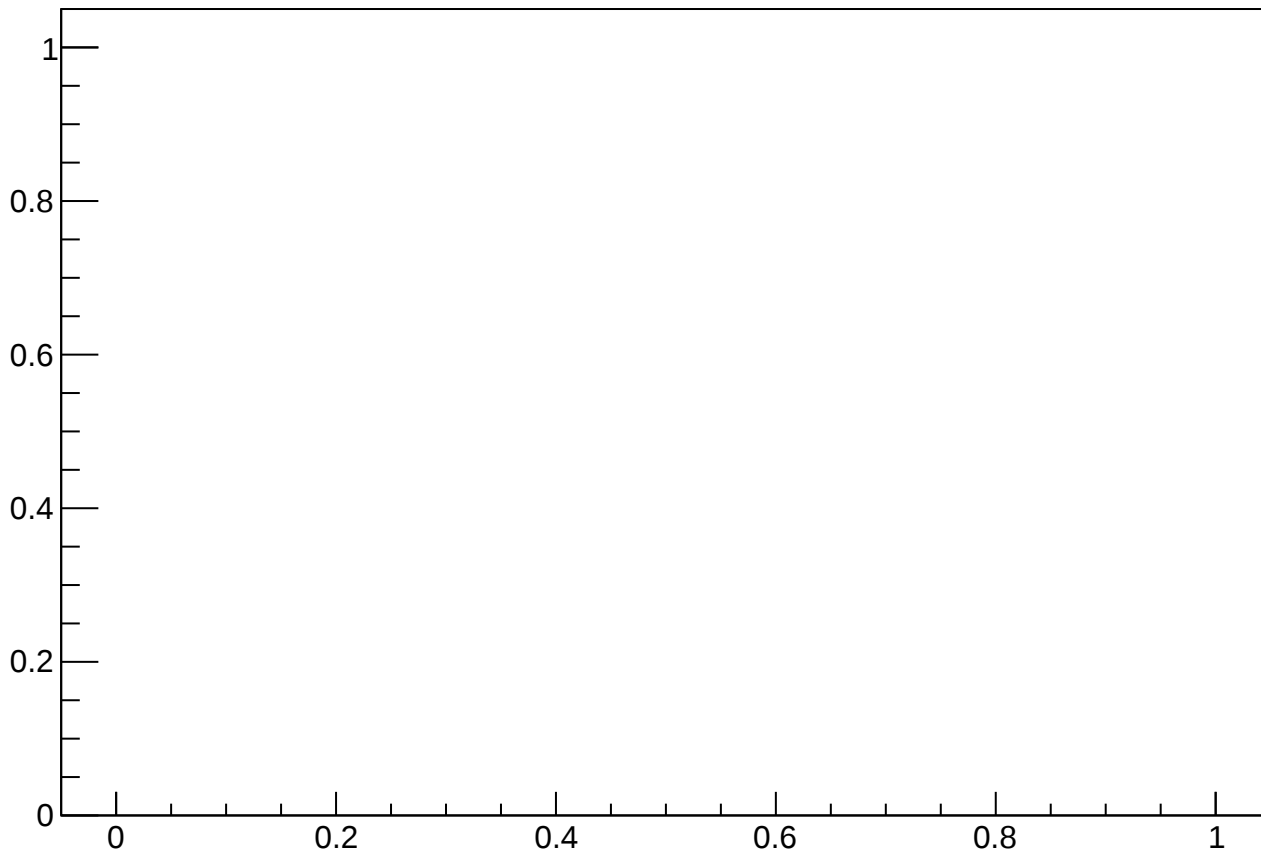
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

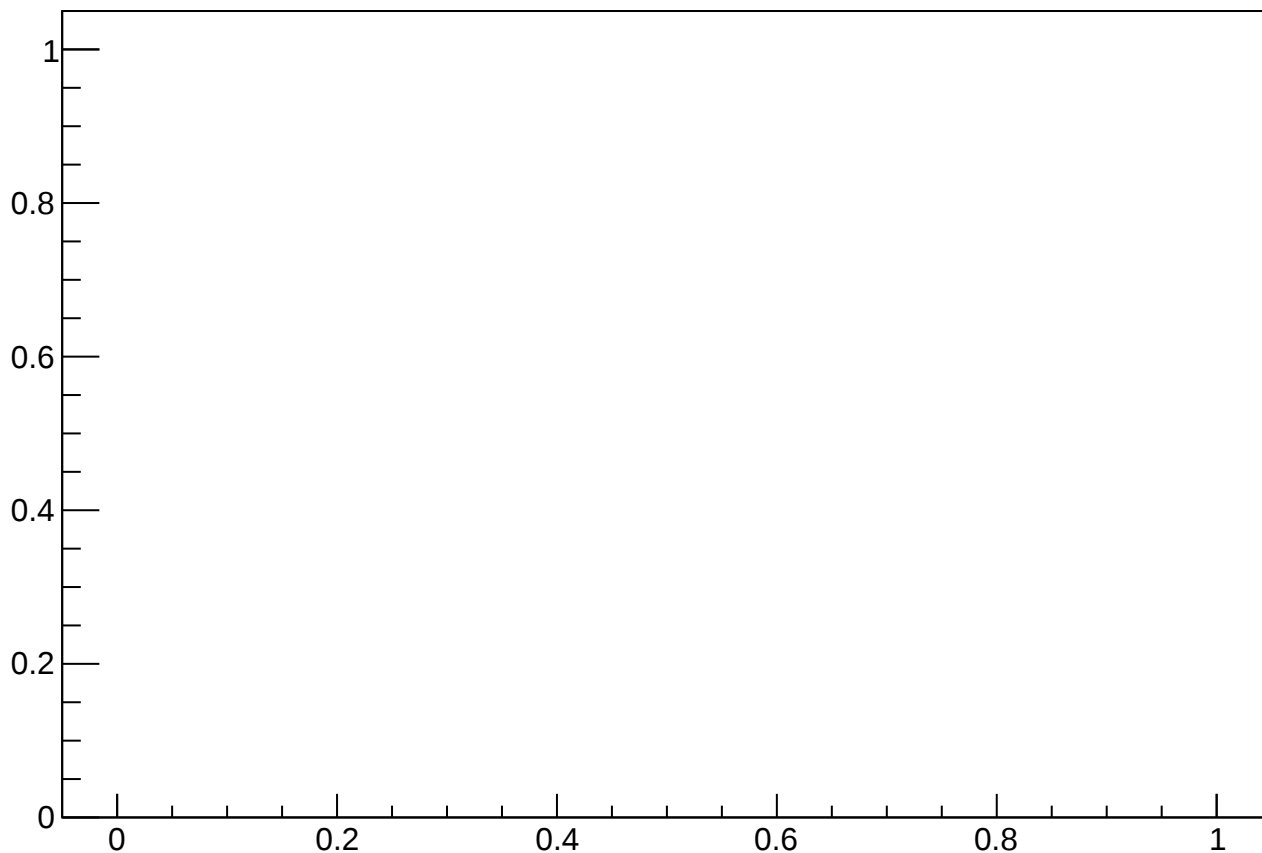
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

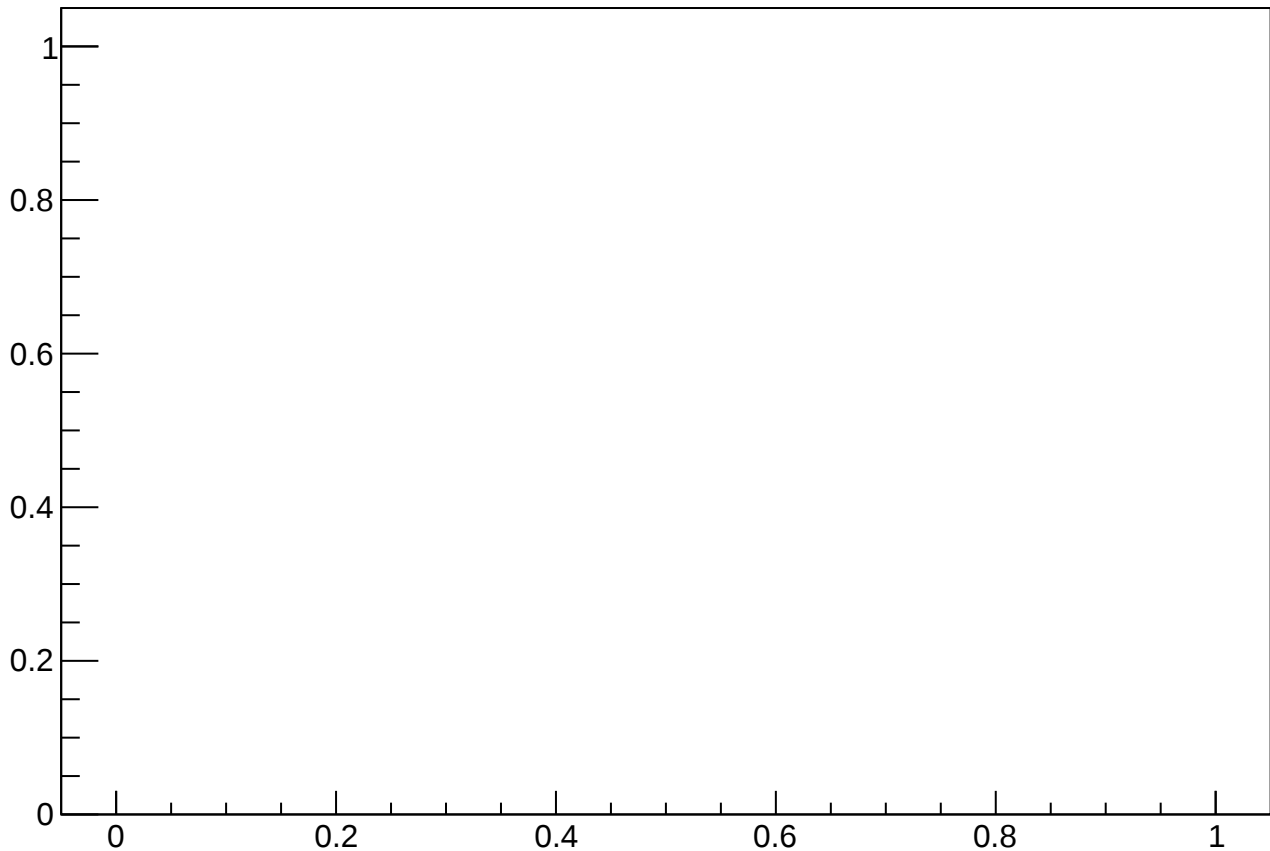
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

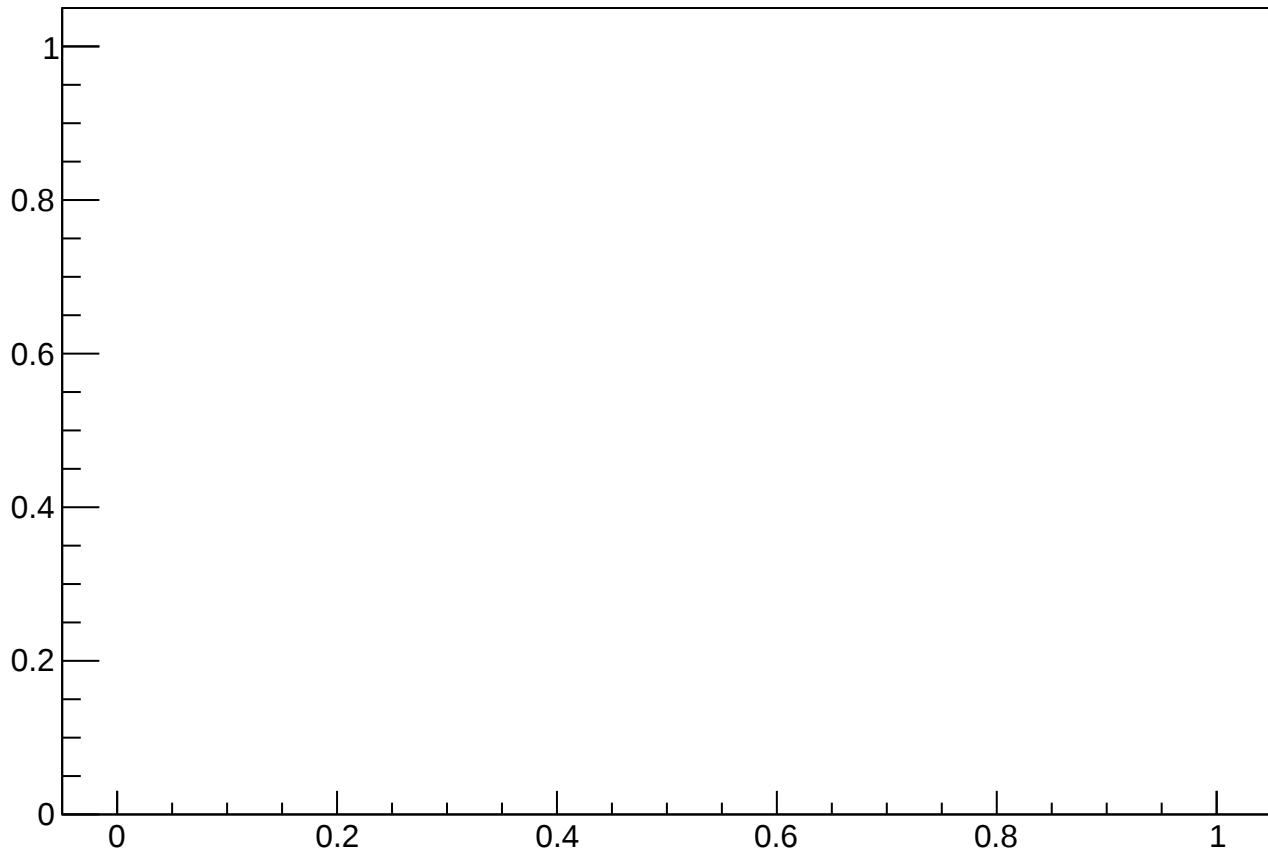
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

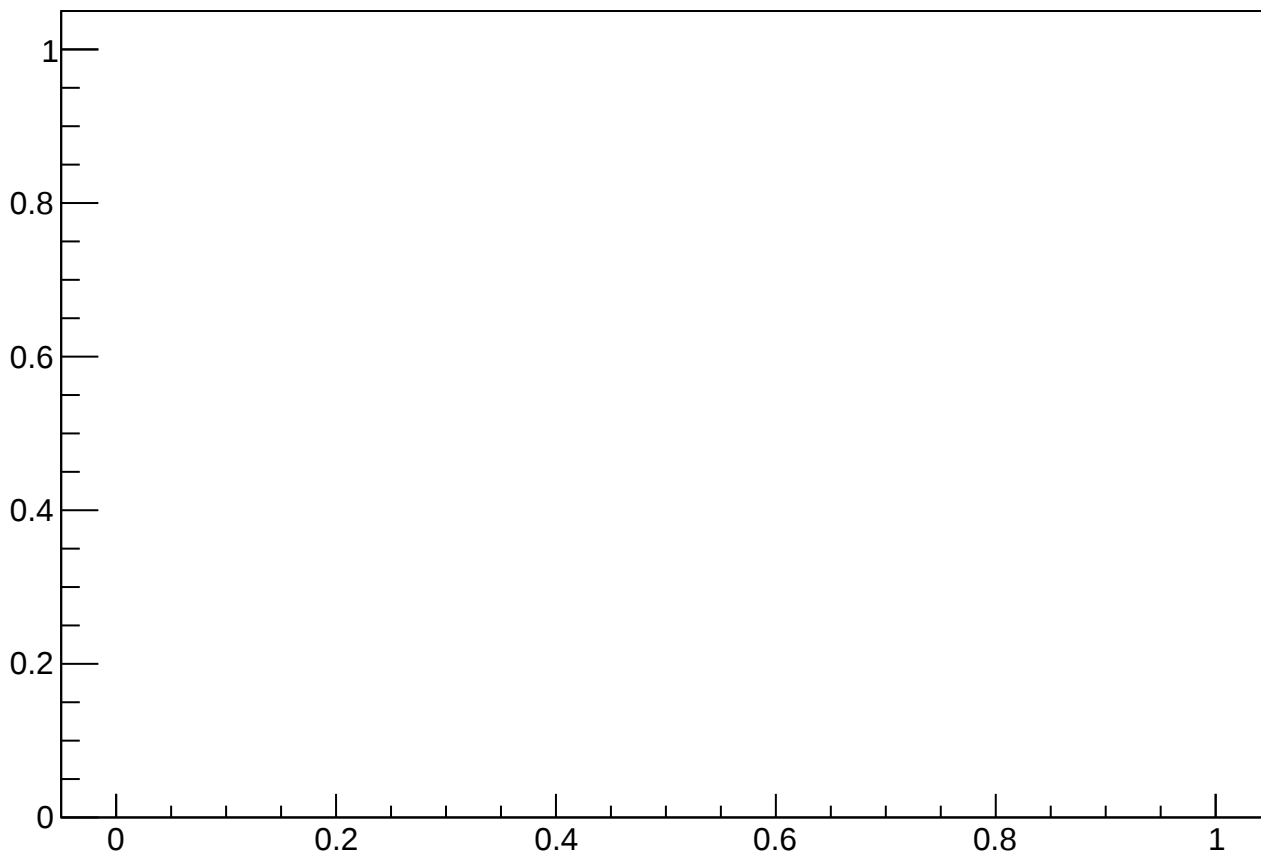
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

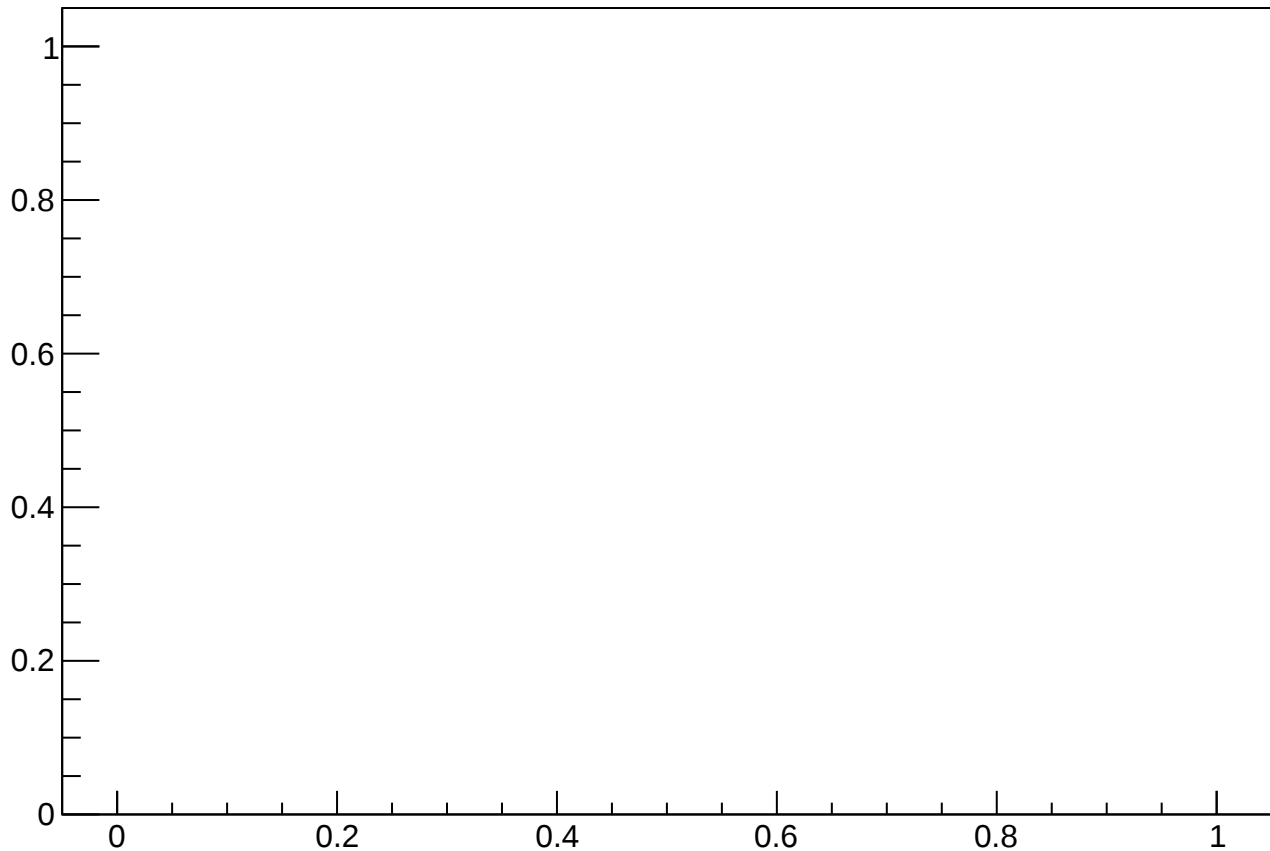
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

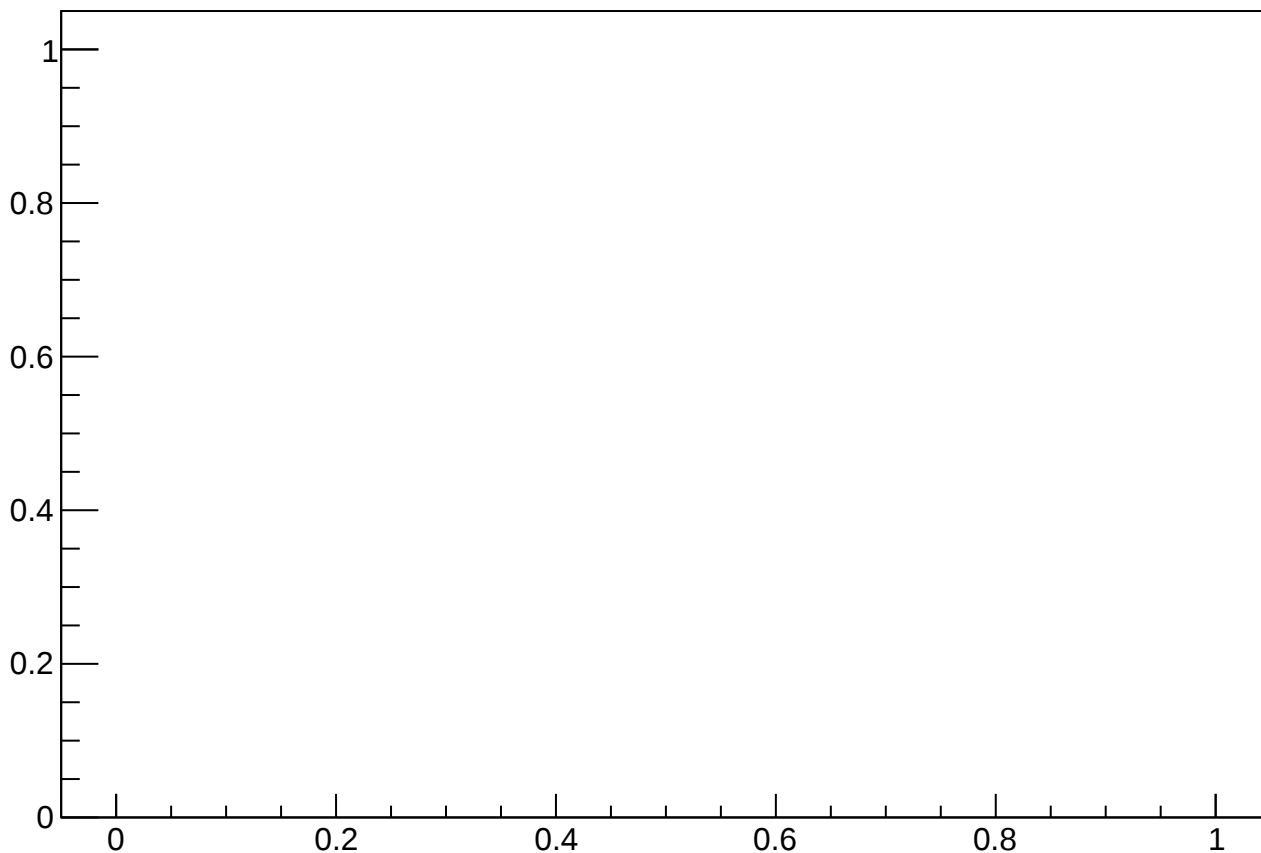
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

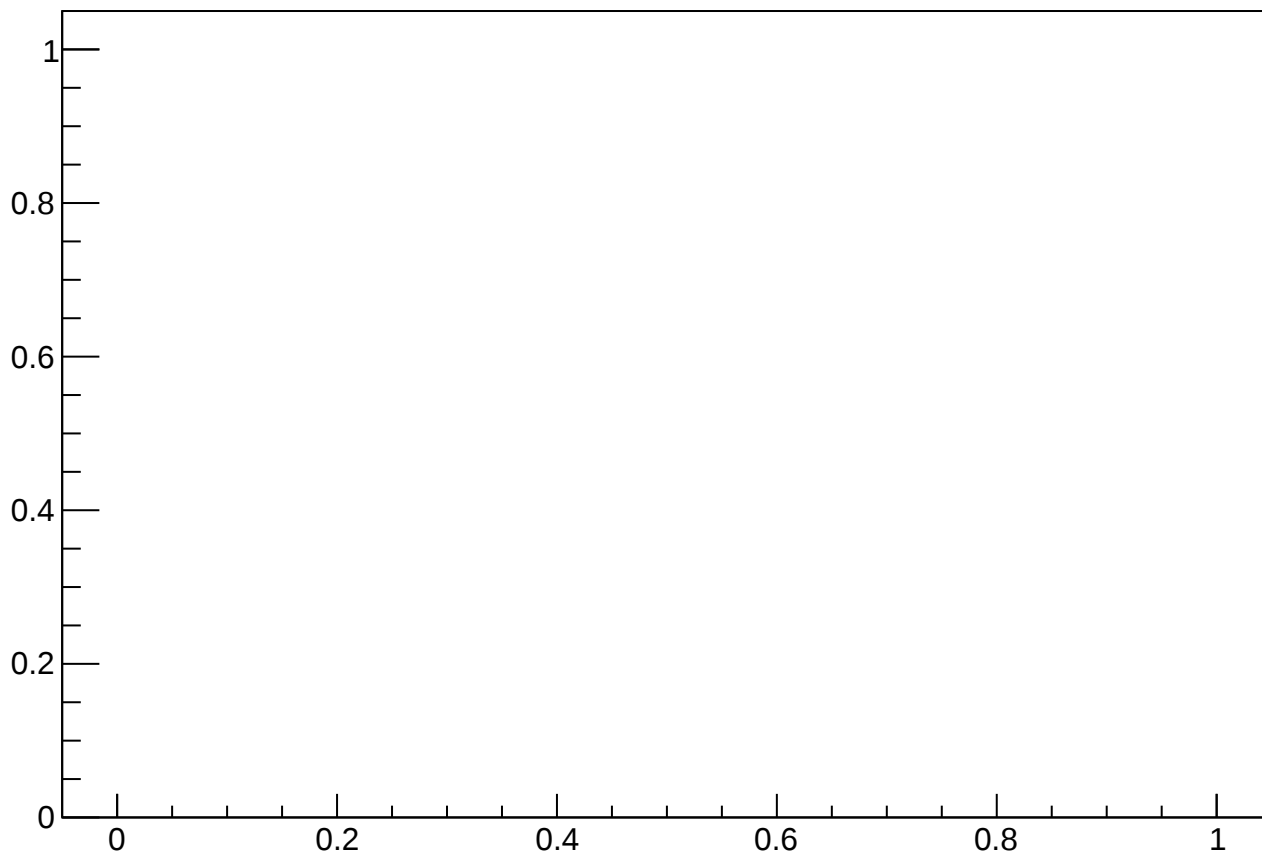
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

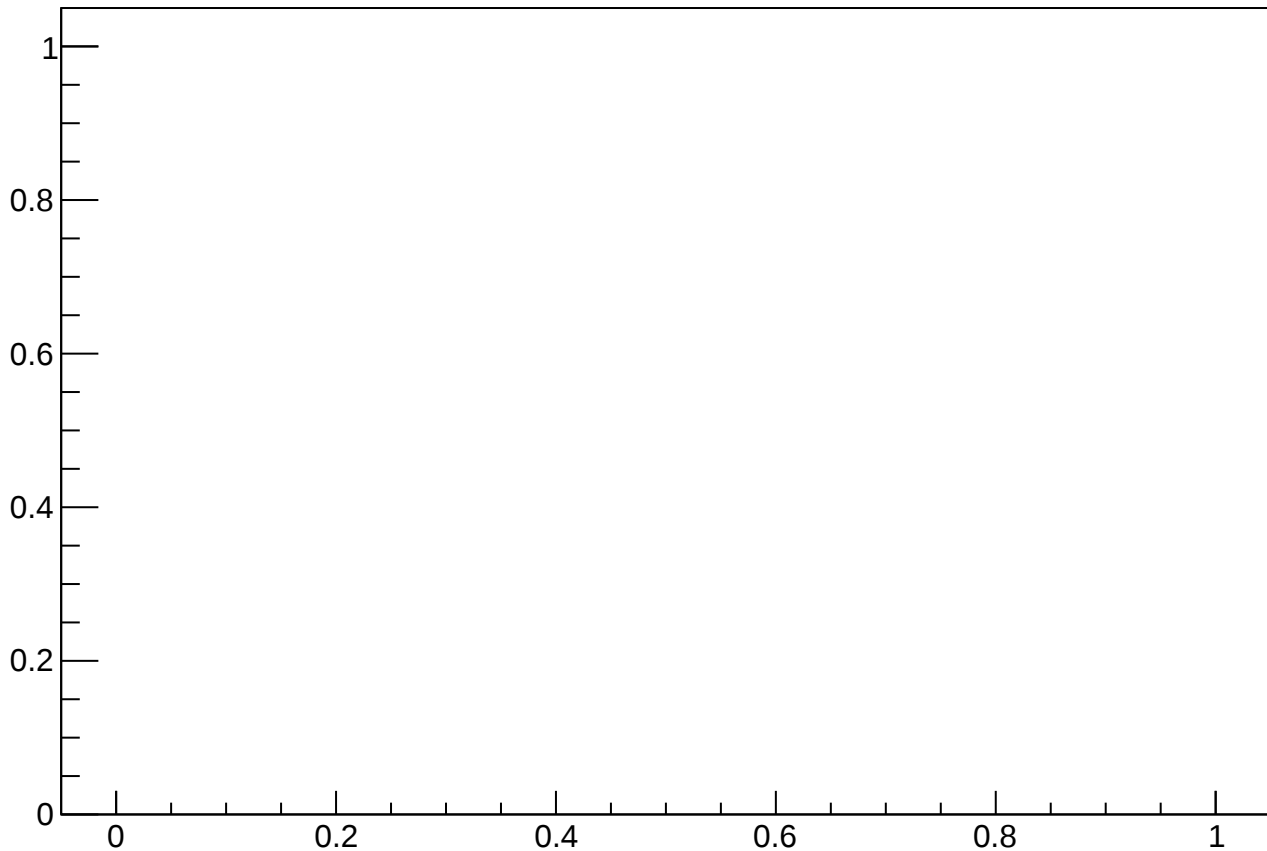
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

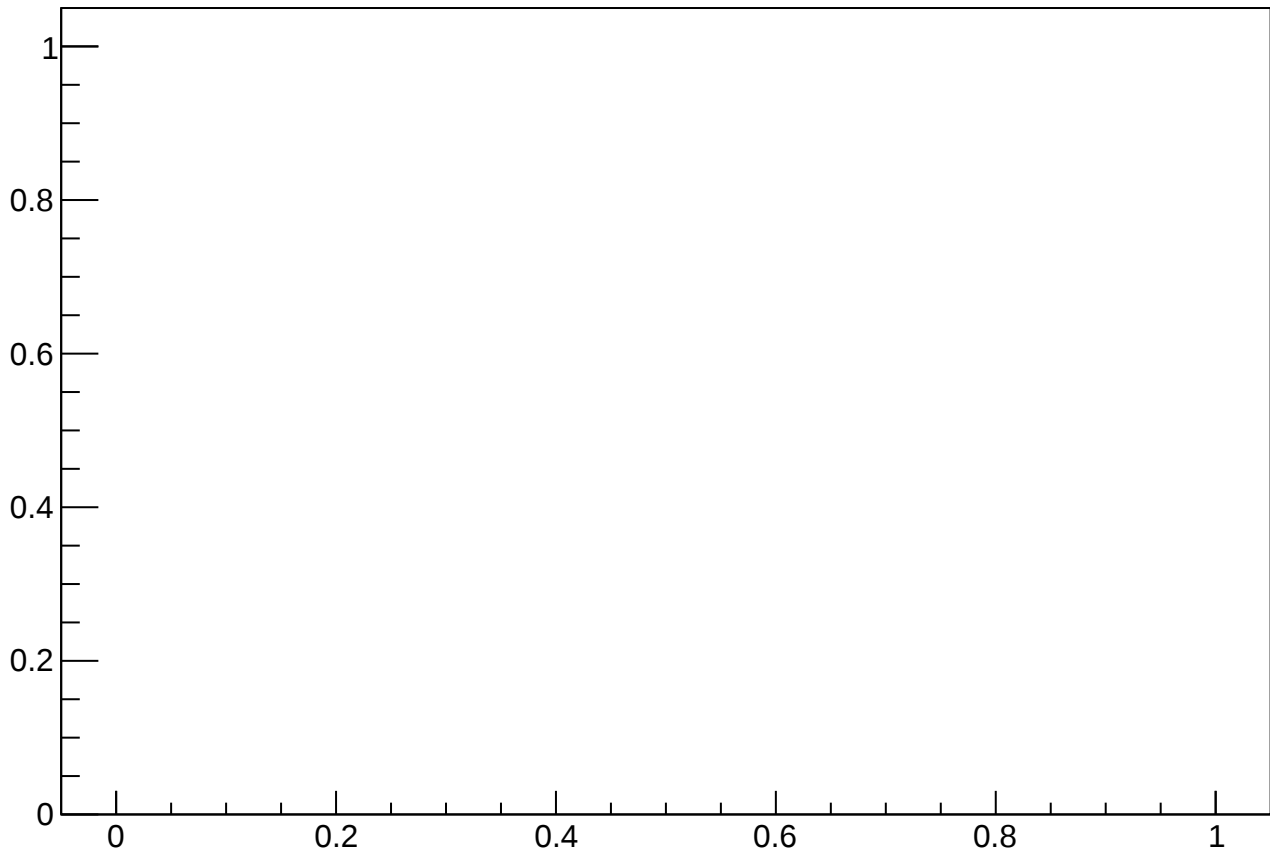
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

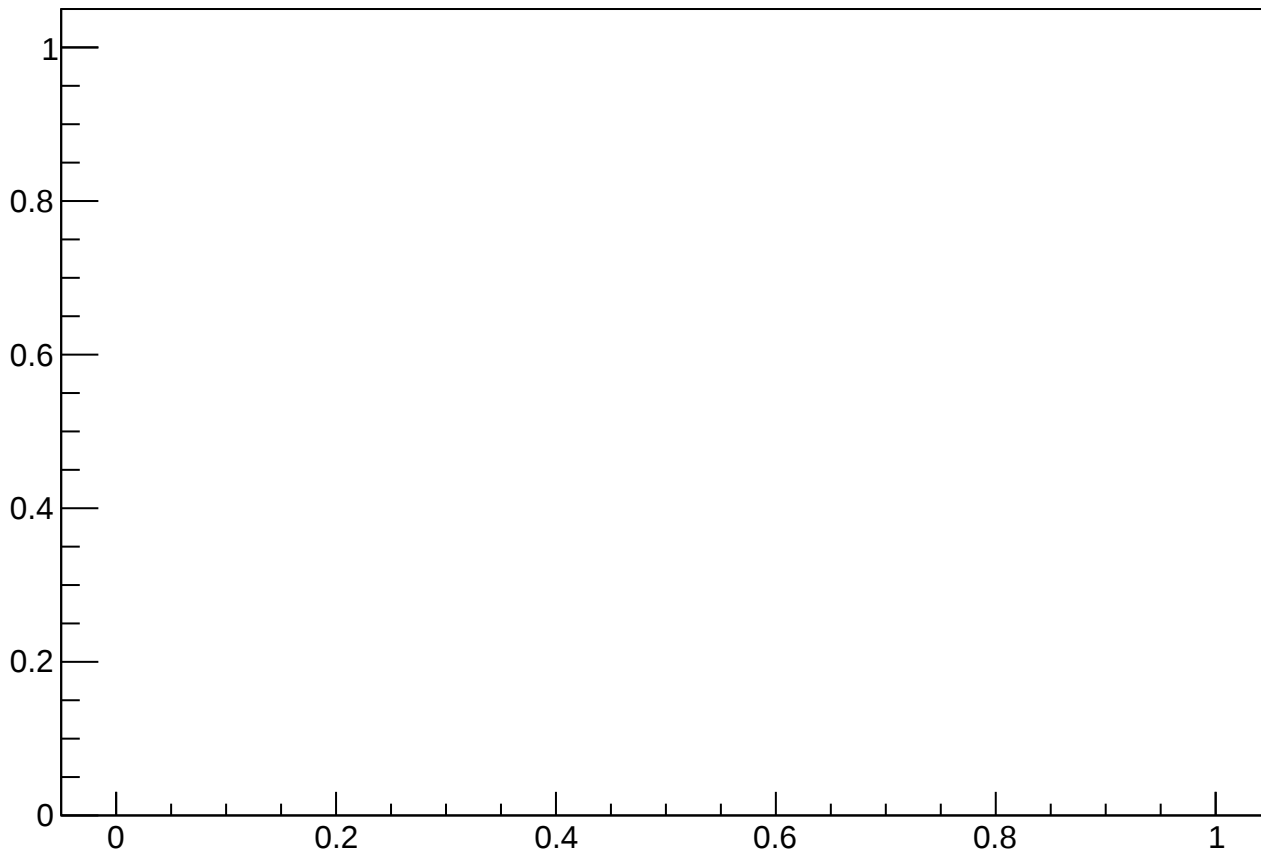
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

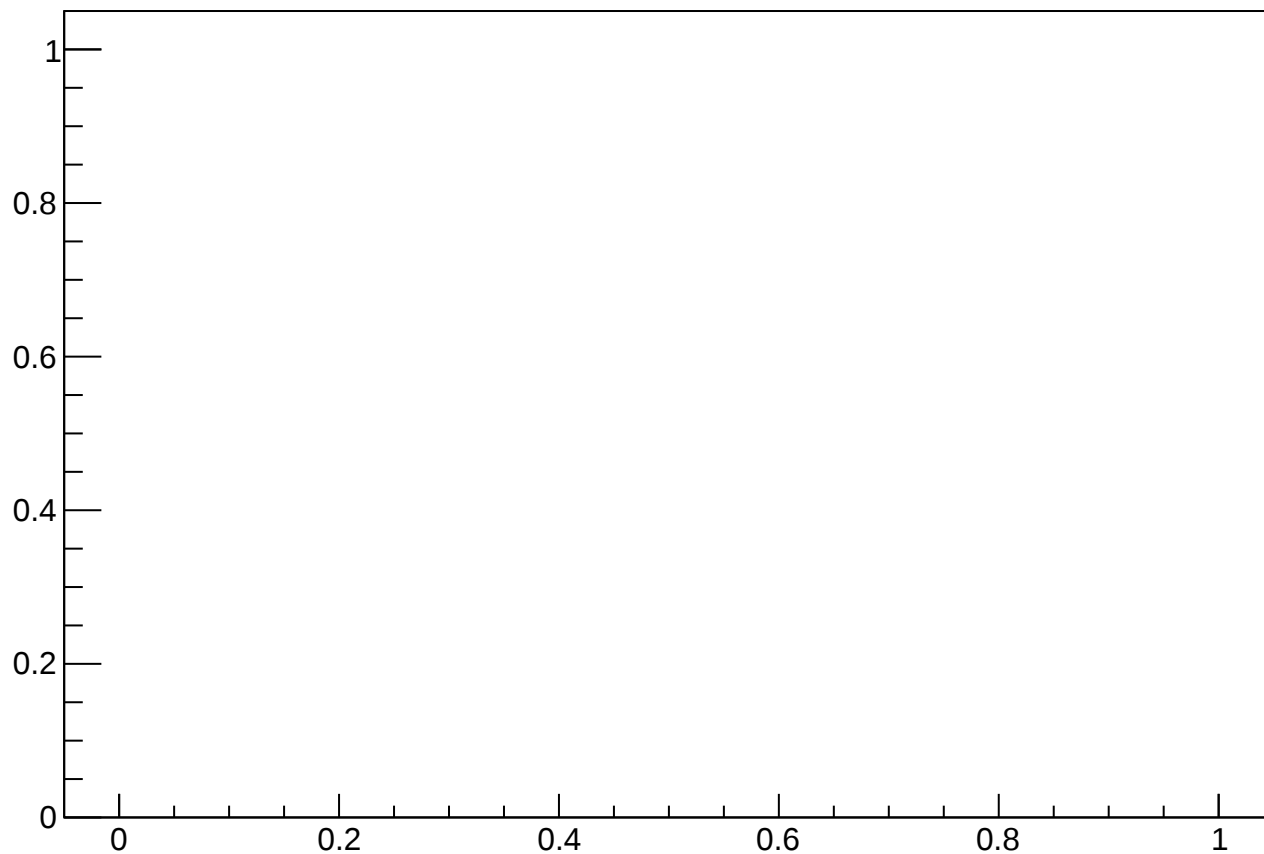
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

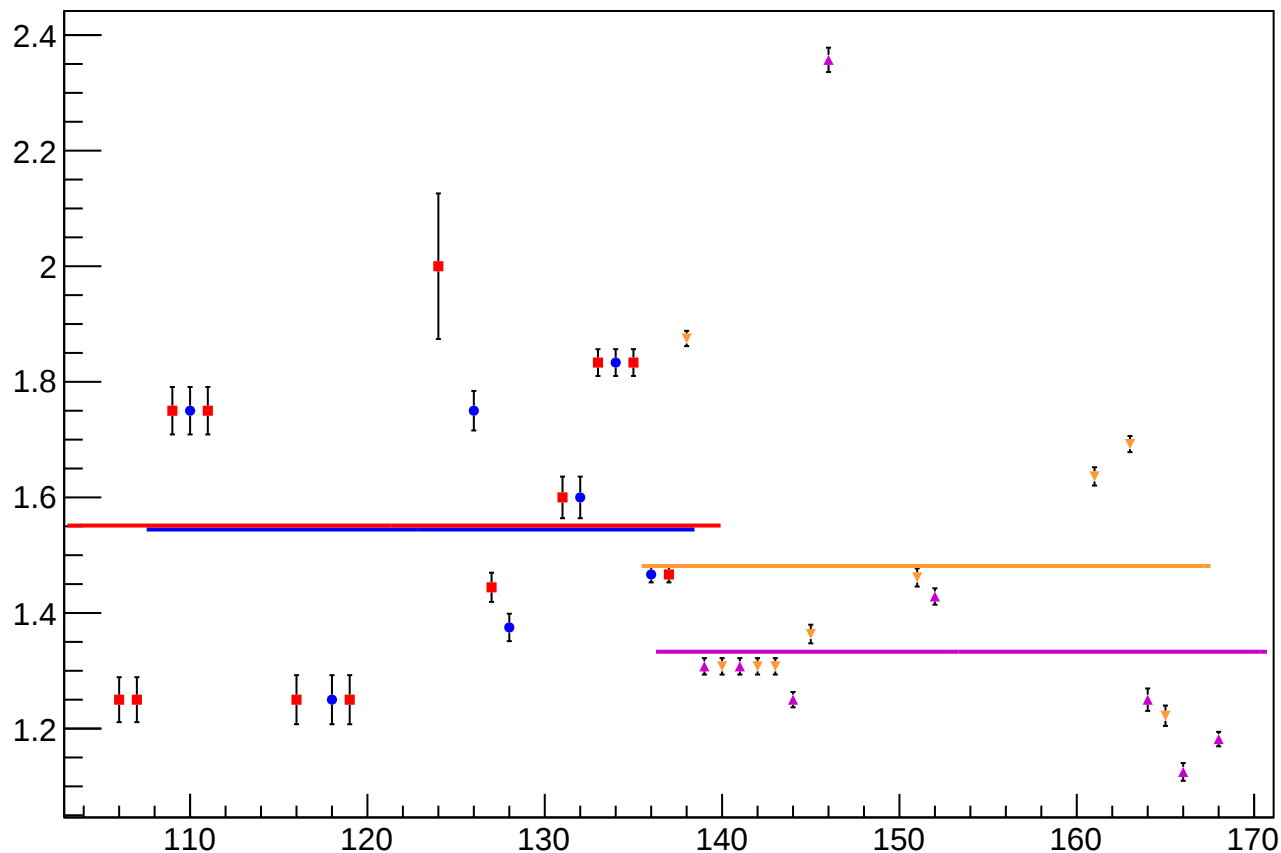
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2/NDF : 1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.333 $\pm$ 0.005 χ^2/NDF : 2803.3/7

Left: 1.412 $\pm$ 0.004 χ^2/NDF : 5151.9/16

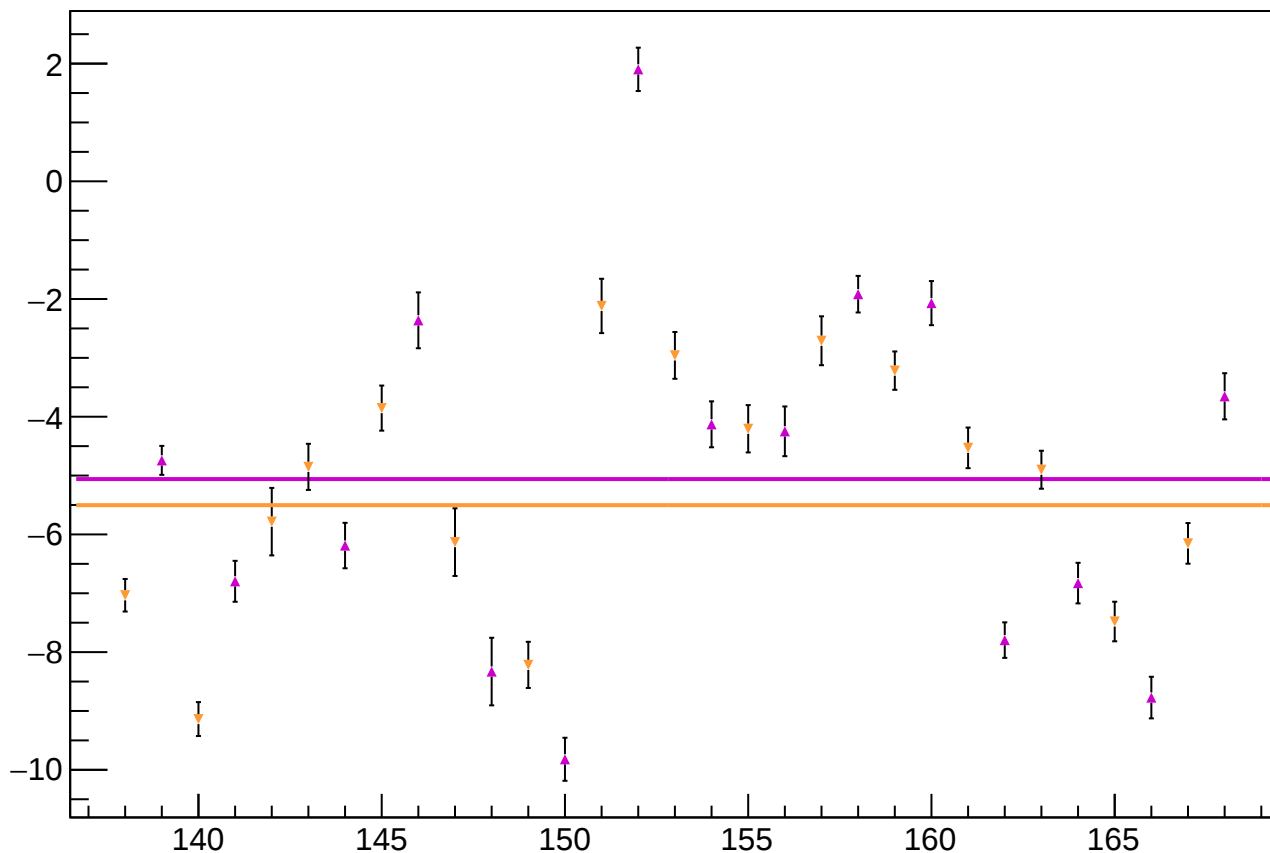
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.385 $\pm$ 0.005 χ^2/NDF : 3548.4/14

Out: 1.500 $\pm$ 0.004 χ^2/NDF : 2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.7/35

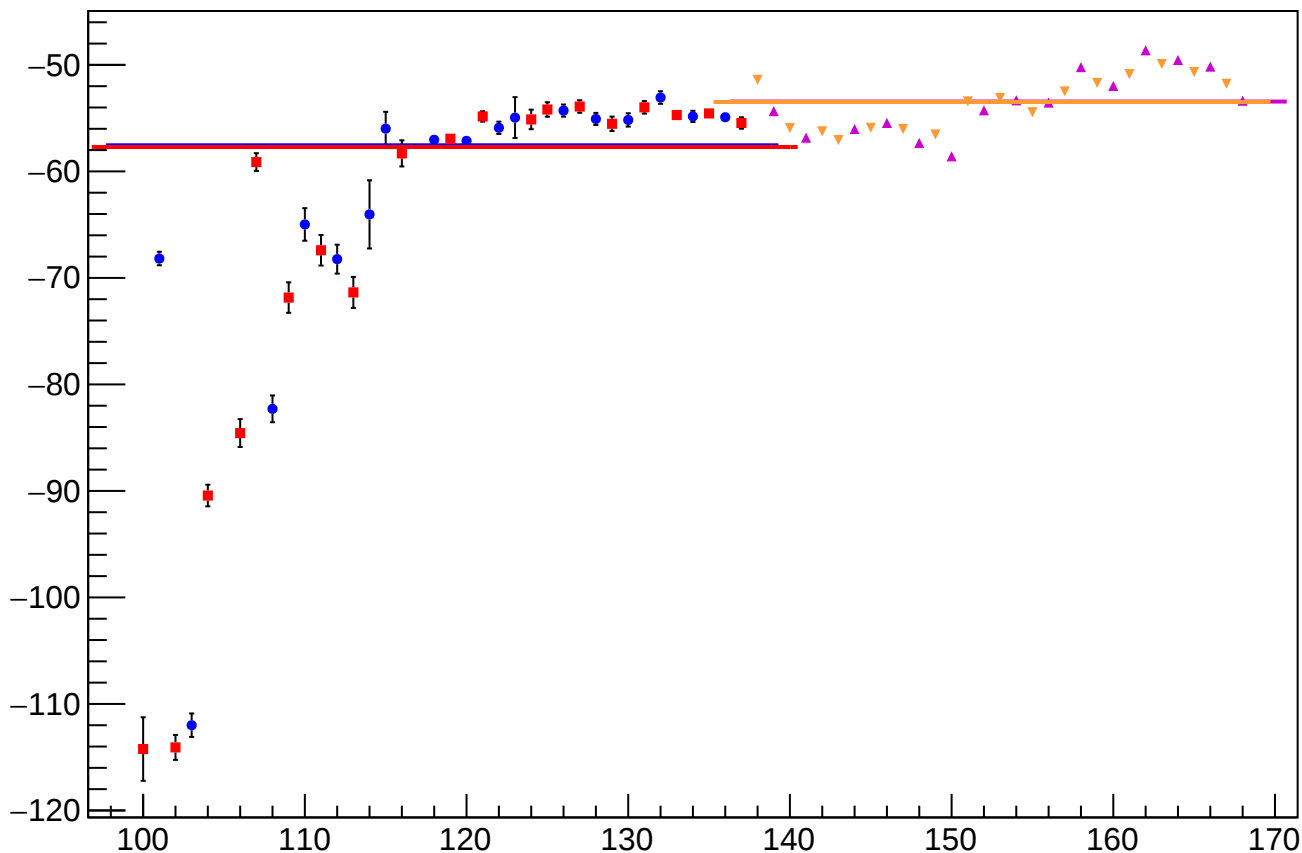
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 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+/-0.142 χ^2/NDF : 3460.4/16

Left Out: -53.484+/-0.069 χ^2/NDF : 1194.4/15

Right Out: -57.711+/-0.143 χ^2/NDF : 4703.8/18

Left In: -53.443+/-0.071 χ^2/NDF : 1872.3/14

Left: -53.464+/-0.050 χ^2/NDF : 3066.8/30

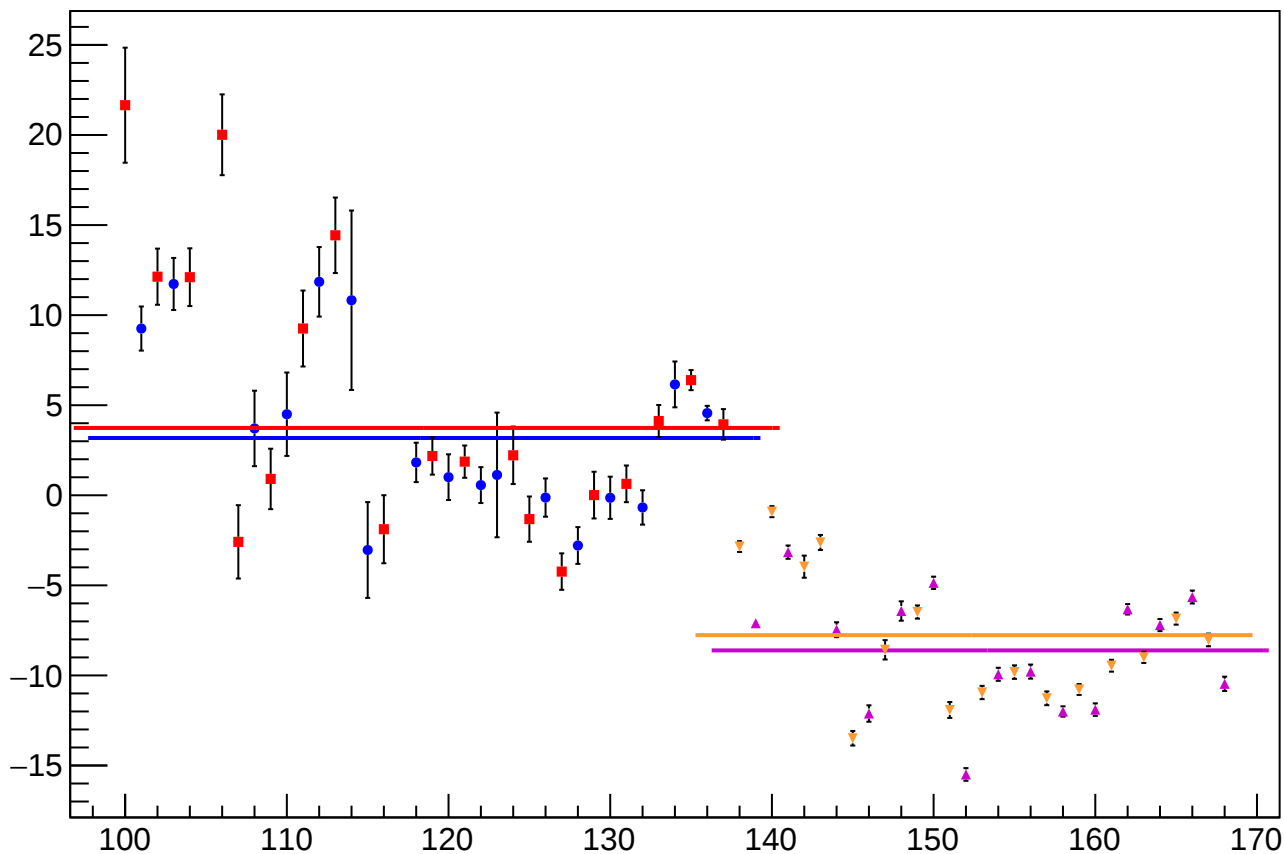
Right: -57.629+/-0.101 χ^2/NDF : 8164.8/35

In: -54.275+/-0.064 χ^2/NDF : 6003.3/31

Out: -54.280+/-0.062 χ^2/NDF : 6609.6/34

All: -54.278+/-0.044 χ^2/NDF : 12612.9/66

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.764 ± 0.091 $\chi^2/\text{NDF}: 1599.1/15$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -8.611 ± 0.091 $\chi^2/\text{NDF}: 1255.1/14$

Left: -8.188 ± 0.064 $\chi^2/\text{NDF}: 2897.8/30$

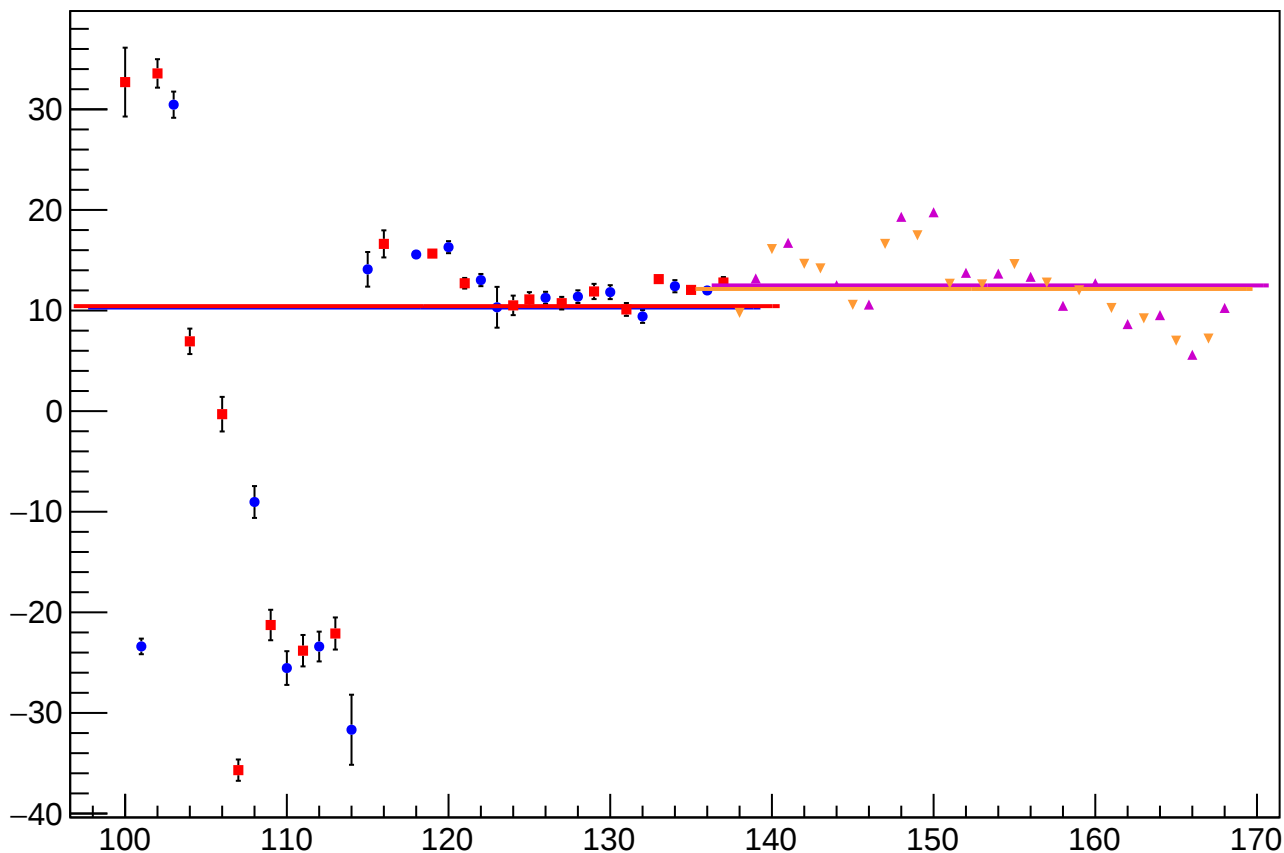
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -7.313 ± 0.086 $\chi^2/\text{NDF}: 3299.5/31$

Out: -6.568 ± 0.086 $\chi^2/\text{NDF}: 3583.6/34$

All: -6.942 ± 0.061 $\chi^2/\text{NDF}: 6920.8/66$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 12.144+/-0.078 χ^2/NDF :1519.2/15

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 12.495+/-0.080 χ^2/NDF :2041.9/14

Left: 12.315+/-0.056 χ^2/NDF : 3571.0/30

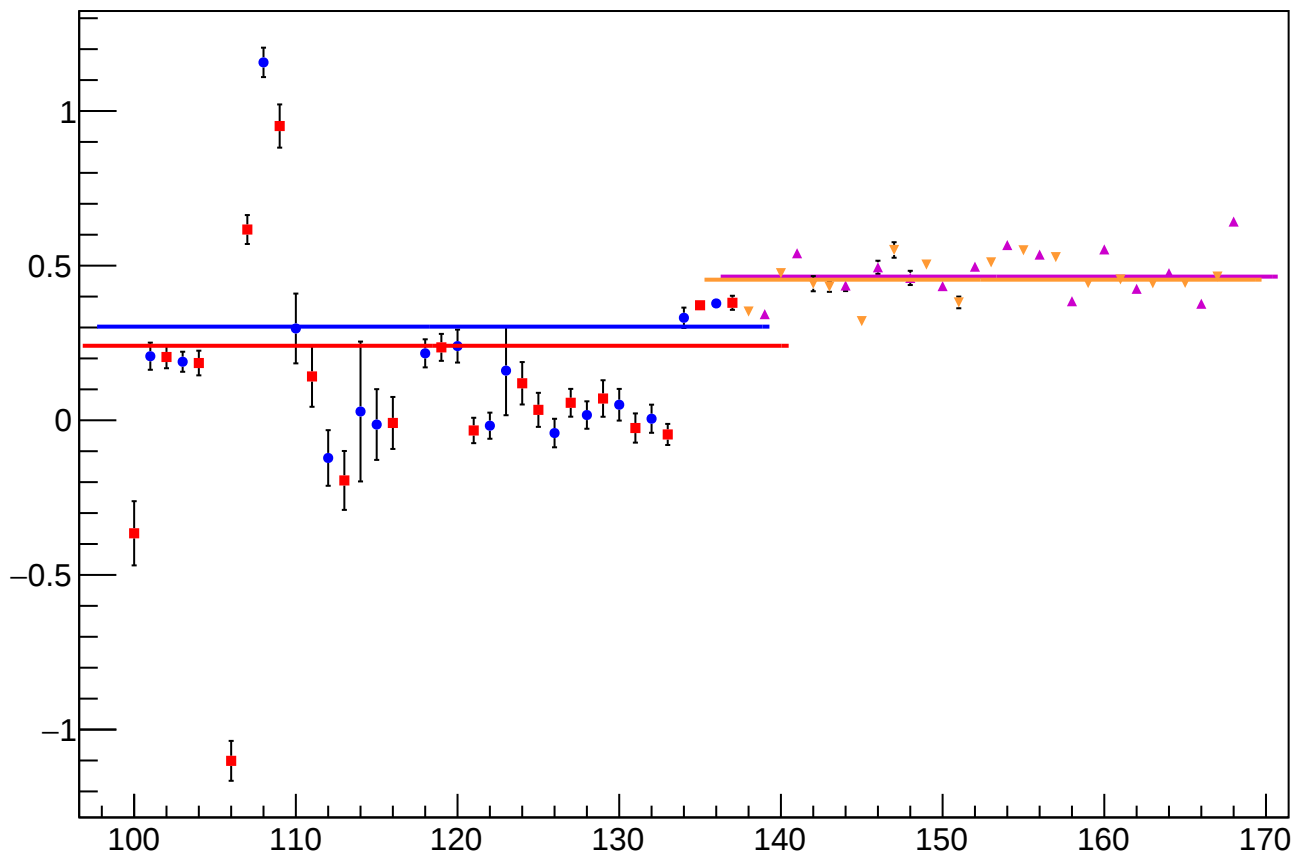
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 12.039+/-0.072 χ^2/NDF :5896.1/31

Out: 11.814+/-0.070 χ^2/NDF :5440.3/34

All: 11.925+/-0.050 χ^2/NDF : 11341.4/66

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.455 $\pm$ 0.004 χ^2 /NDF:301.9/15

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

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

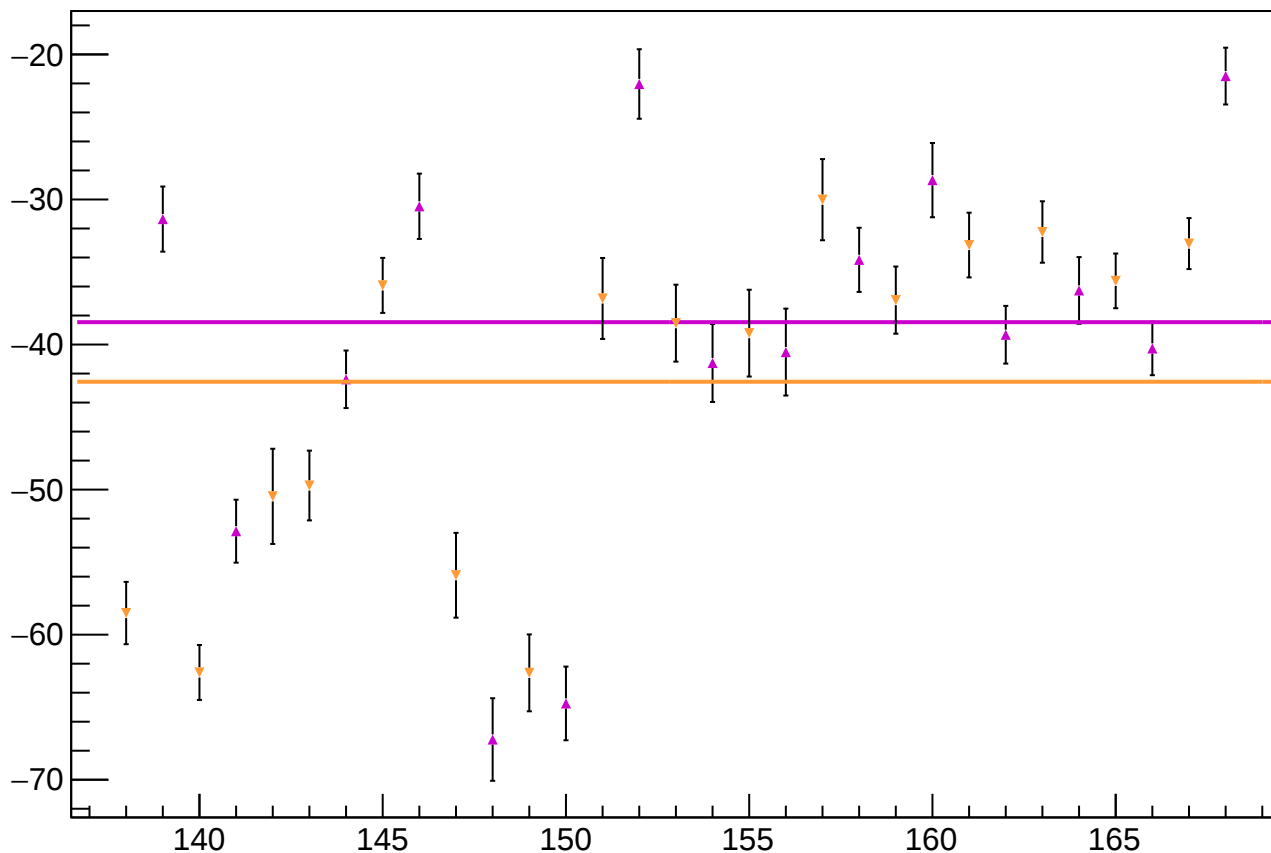
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.440 $\pm$ 0.003 χ^2 /NDF:1568.9/31

Out: 0.423 $\pm$ 0.003 χ^2 /NDF:1831.0/34

All: 0.431 $\pm$ 0.002 χ^2 /NDF: 3412.9/66

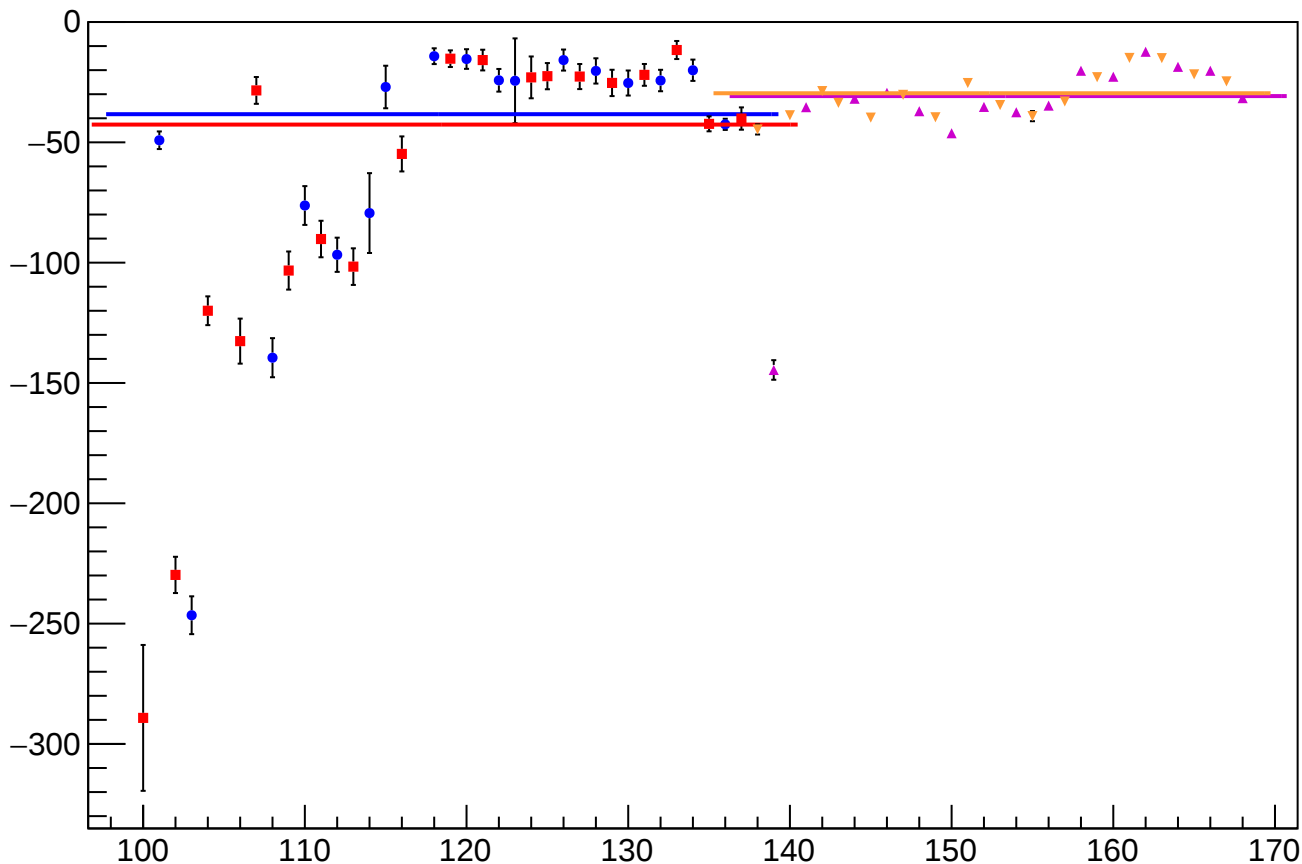
reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -42.563 $\pm$ 0.575 χ^2 /NDF:390.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -38.458 $\pm$ 0.585 χ^2 /NDF:424.0/14

Left: -40.547 $\pm$ 0.410 χ^2 /NDF: 839.4/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -38.458 $\pm$ 0.585 χ^2 /NDF:424.0/14
 Out: -42.563 $\pm$ 0.575 χ^2 /NDF:390.4/15
 All: -40.547 $\pm$ 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: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -30.779 ± 0.431 $\chi^2/\text{NDF}: 1203.2/14$

Left: -30.173 ± 0.300 $\chi^2/\text{NDF}: 1637.7/30$

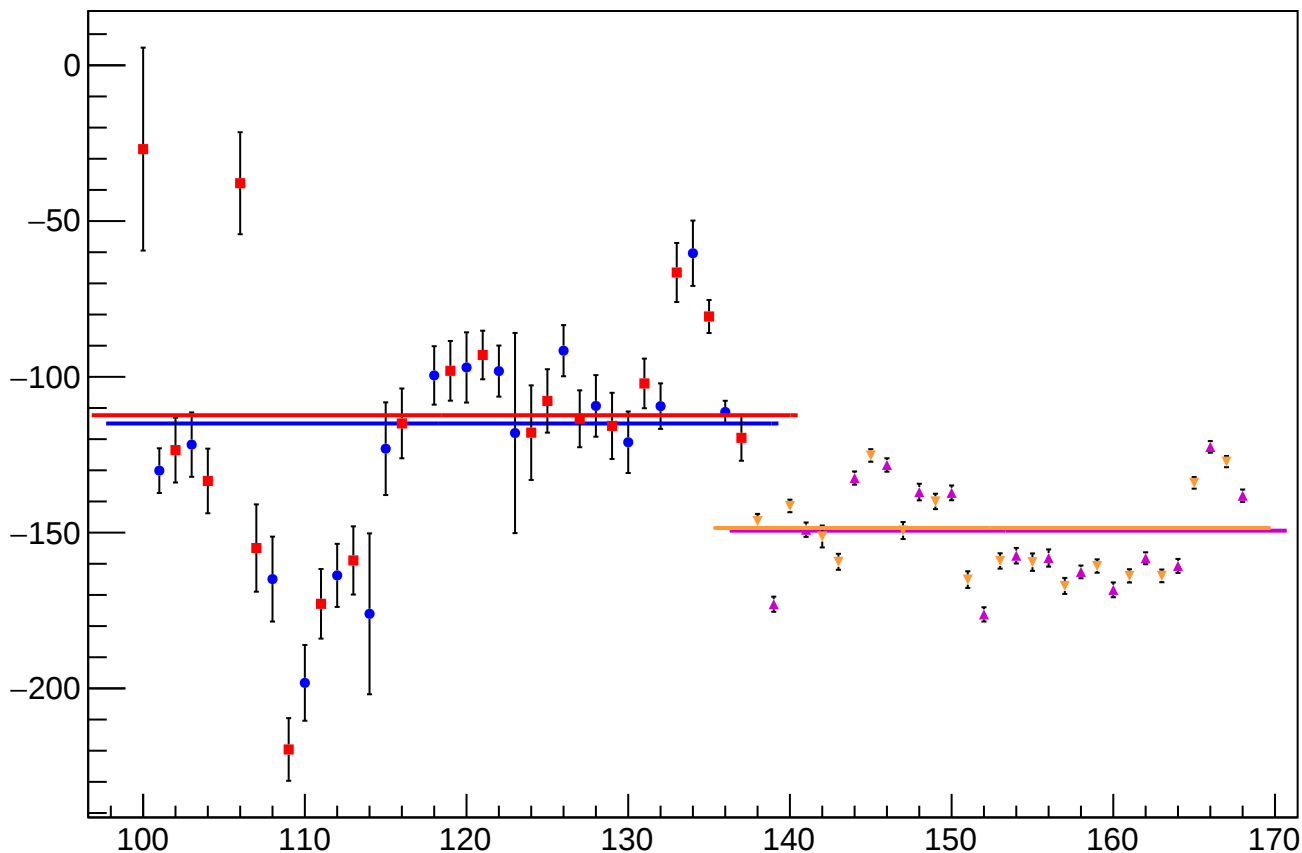
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -31.723 ± 0.403 $\chi^2/\text{NDF}: 2374.2/31$

Out: -30.996 ± 0.395 $\chi^2/\text{NDF}: 1878.8/34$

All: -31.353 ± 0.282 $\chi^2/\text{NDF}: 4254.6/66$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected

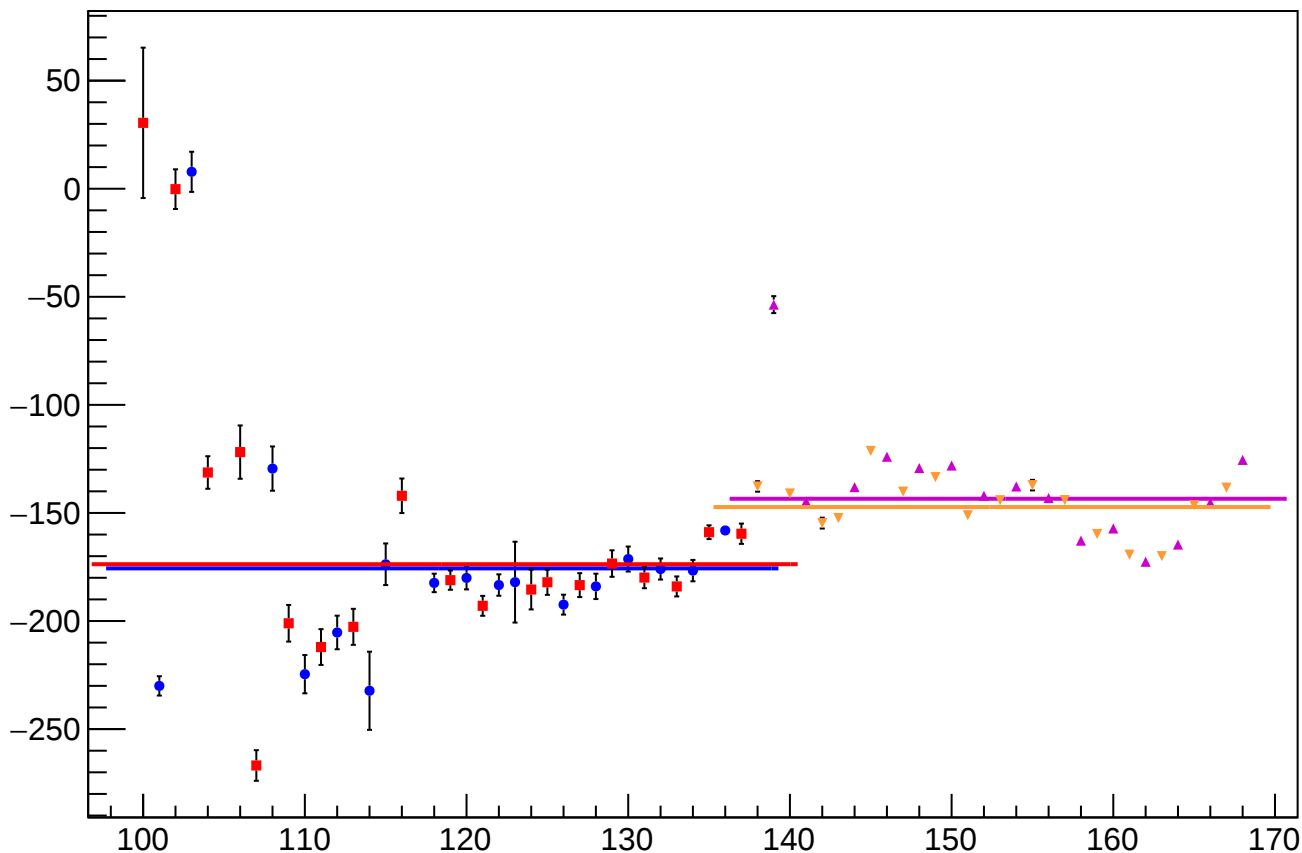


Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$
 Left Out: -148.513 ± 0.572 $\chi^2/\text{NDF}: 642.5/15$
 Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$
 Left In: -149.374 ± 0.575 $\chi^2/\text{NDF}: 849.3/14$

Left: -148.941 ± 0.406 $\chi^2/\text{NDF}: 1492.9/30$
 Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$
 In: -146.916 ± 0.555 $\chi^2/\text{NDF}: 1246.1/31$
 Out: -146.235 ± 0.553 $\chi^2/\text{NDF}: 1169.0/34$

All: -146.575 ± 0.392 $\chi^2/\text{NDF}: 2415.8/66$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 $\pm$ 1.269 χ^2/NDF : 692.1/16

Left Out: -147.273 $\pm$ 0.482 χ^2/NDF : 784.1/15

Right Out: -173.714 $\pm$ 1.354 χ^2/NDF : 738.0/18

Left In: -143.437 $\pm$ 0.496 χ^2/NDF : 1489.4/14

Left: -145.410 $\pm$ 0.346 χ^2/NDF : 2304.2/30

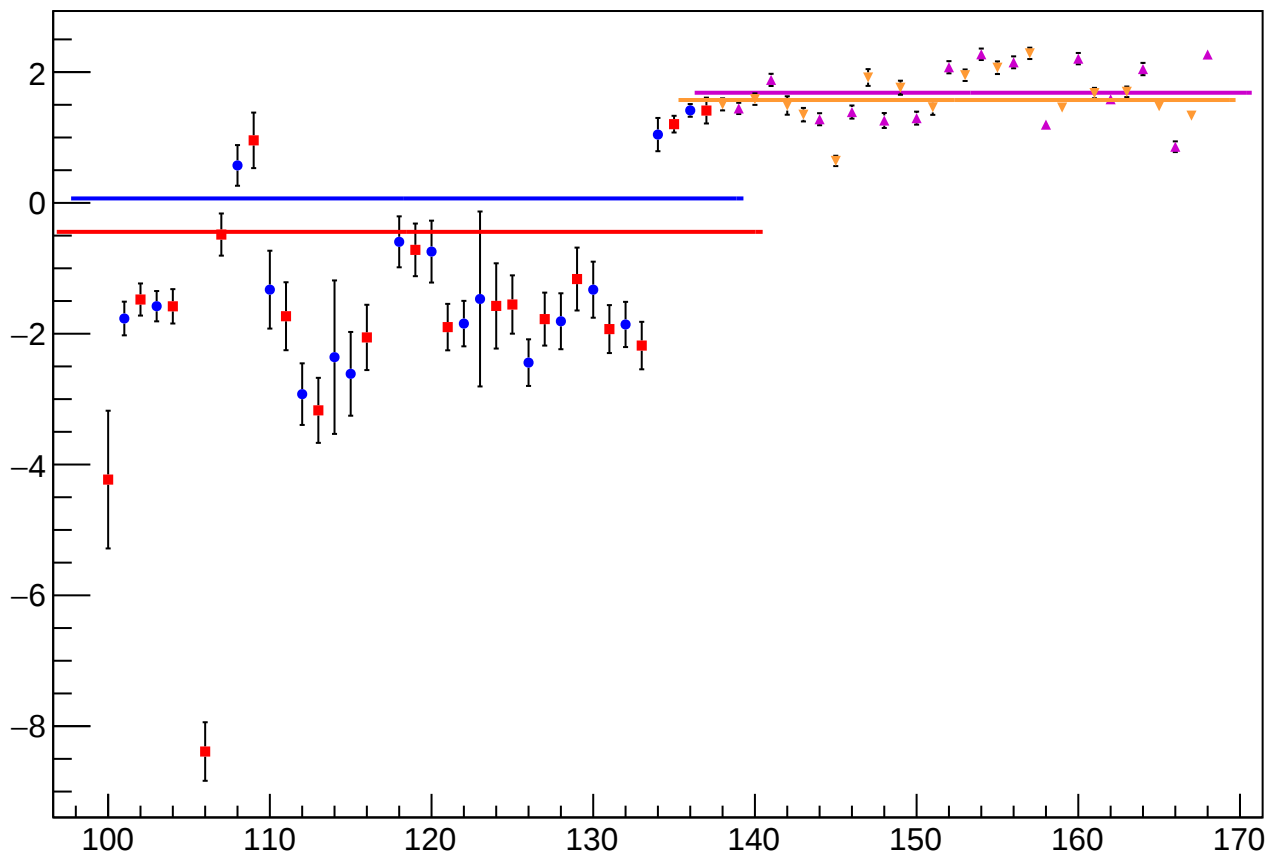
Right: -174.745 $\pm$ 0.926 χ^2/NDF : 1431.2/35

In: -147.709 $\pm$ 0.462 χ^2/NDF : 2740.4/31

Out: -150.247 $\pm$ 0.454 χ^2/NDF : 1860.5/34

All: -149.000 $\pm$ 0.324 χ^2/NDF : 4616.2/66

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.573 ± 0.022 $\chi^2/\text{NDF}: 286.3/15$

Right Out: -0.443 ± 0.071 $\chi^2/\text{NDF}: 755.9/18$

Left In: 1.684 ± 0.023 $\chi^2/\text{NDF}: 416.0/14$

Left: 1.628 ± 0.016 $\chi^2/\text{NDF}: 714.4/30$

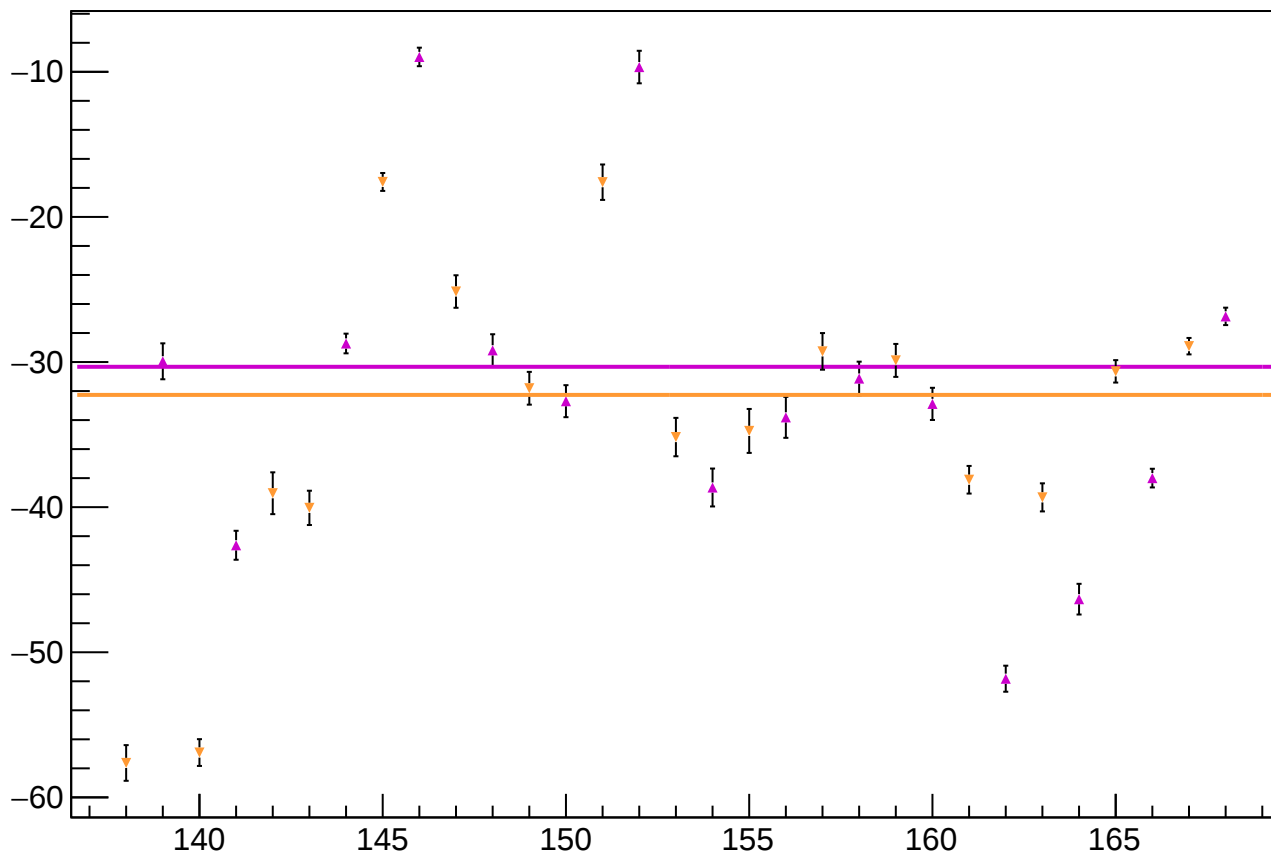
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1309.1/35$

In: 1.518 ± 0.021 $\chi^2/\text{NDF}: 1463.6/31$

Out: 1.390 ± 0.021 $\chi^2/\text{NDF}: 1773.2/34$

All: 1.454 ± 0.015 $\chi^2/\text{NDF}: 3254.7/66$

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

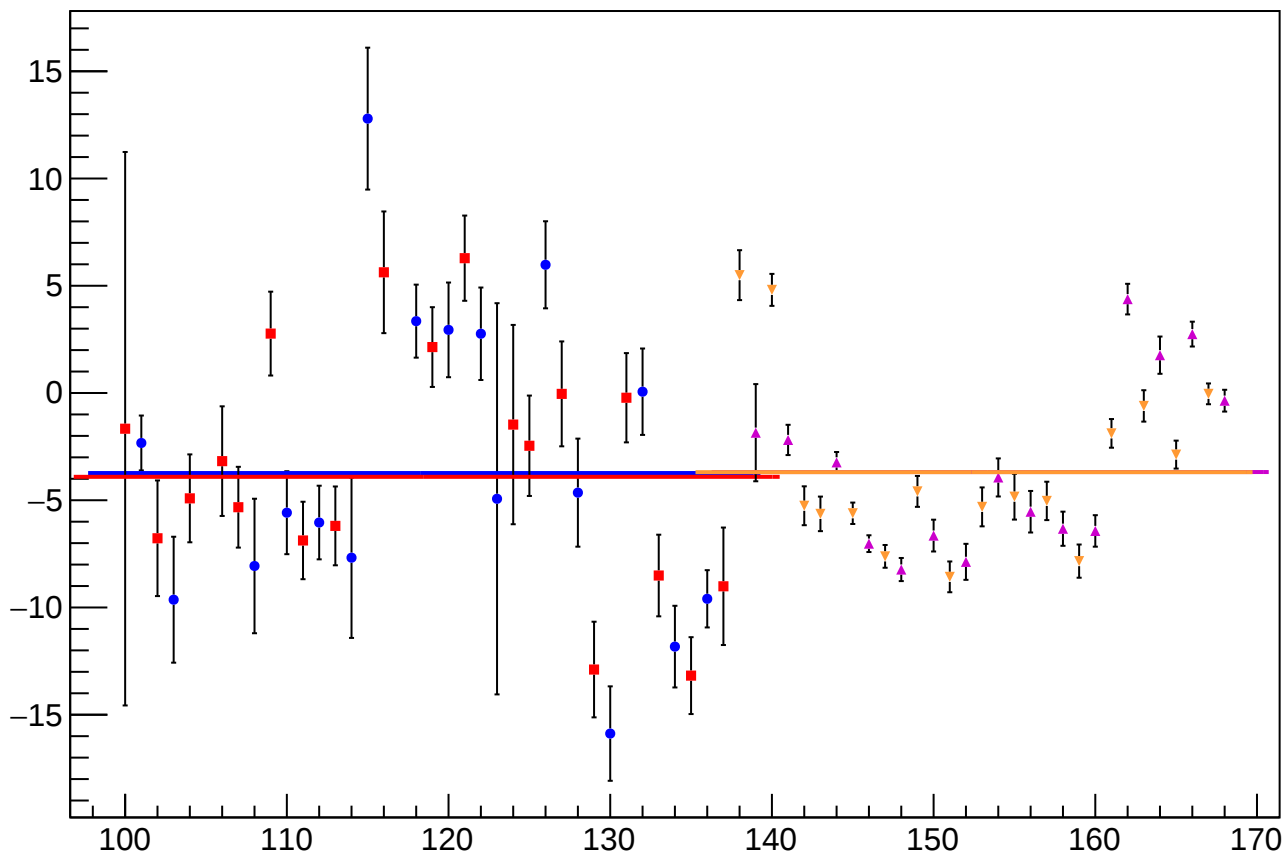
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 χ^2/NDF : 165.8/16

Left Out: -3.690 ± 0.176 χ^2/NDF : 437.1/15

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -3.685 ± 0.167 χ^2/NDF : 553.1/14

Left: -3.688 ± 0.121 χ^2/NDF : 990.2/30

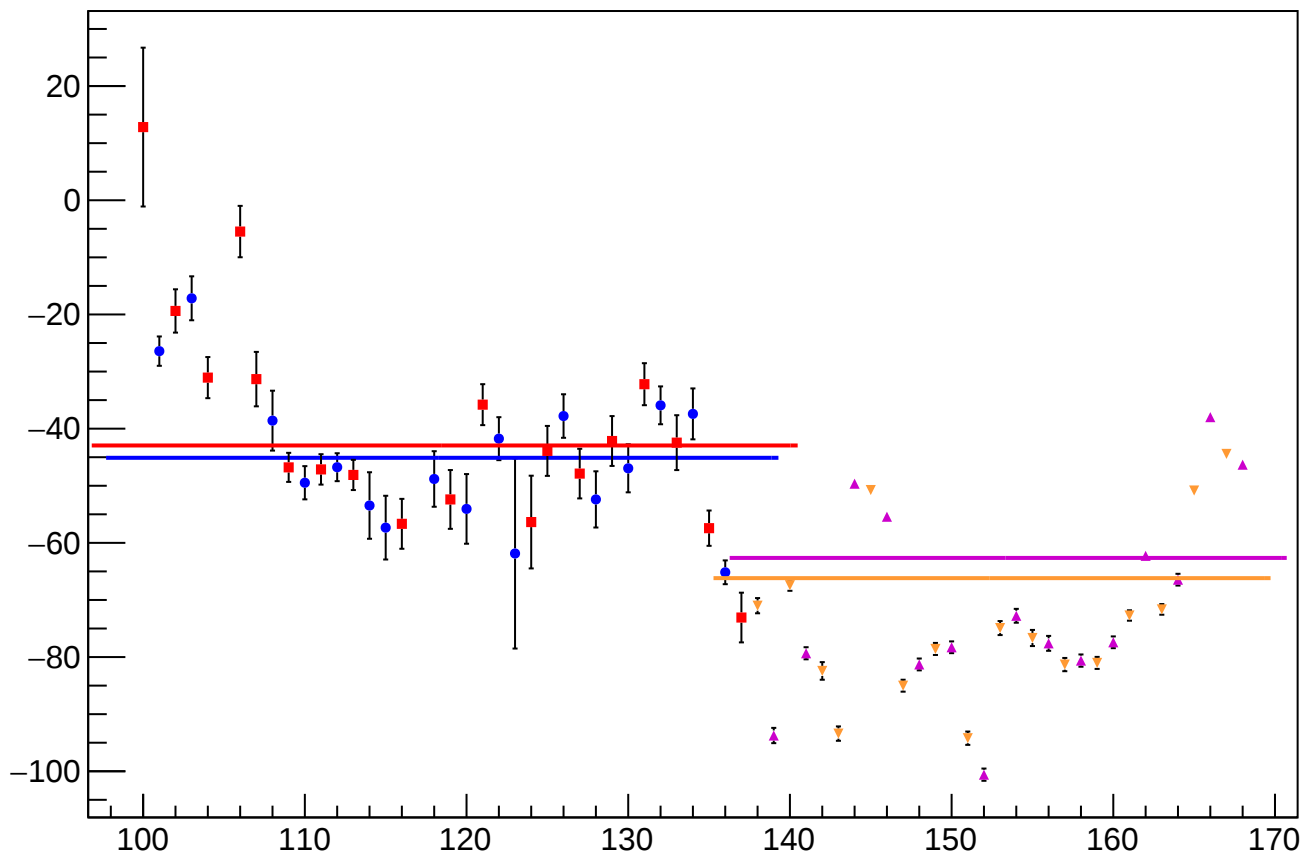
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -3.690 ± 0.159 χ^2/NDF : 719.0/31

Out: -3.714 ± 0.166 χ^2/NDF : 562.1/34

All: -3.701 ± 0.115 χ^2/NDF : 1281.1/66

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -66.177 ± 0.240 χ^2/NDF : 4550.8/15

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -62.637 ± 0.229 χ^2/NDF : 5889.6/14

Left: -64.321 ± 0.166 χ^2/NDF : 10554.4/30

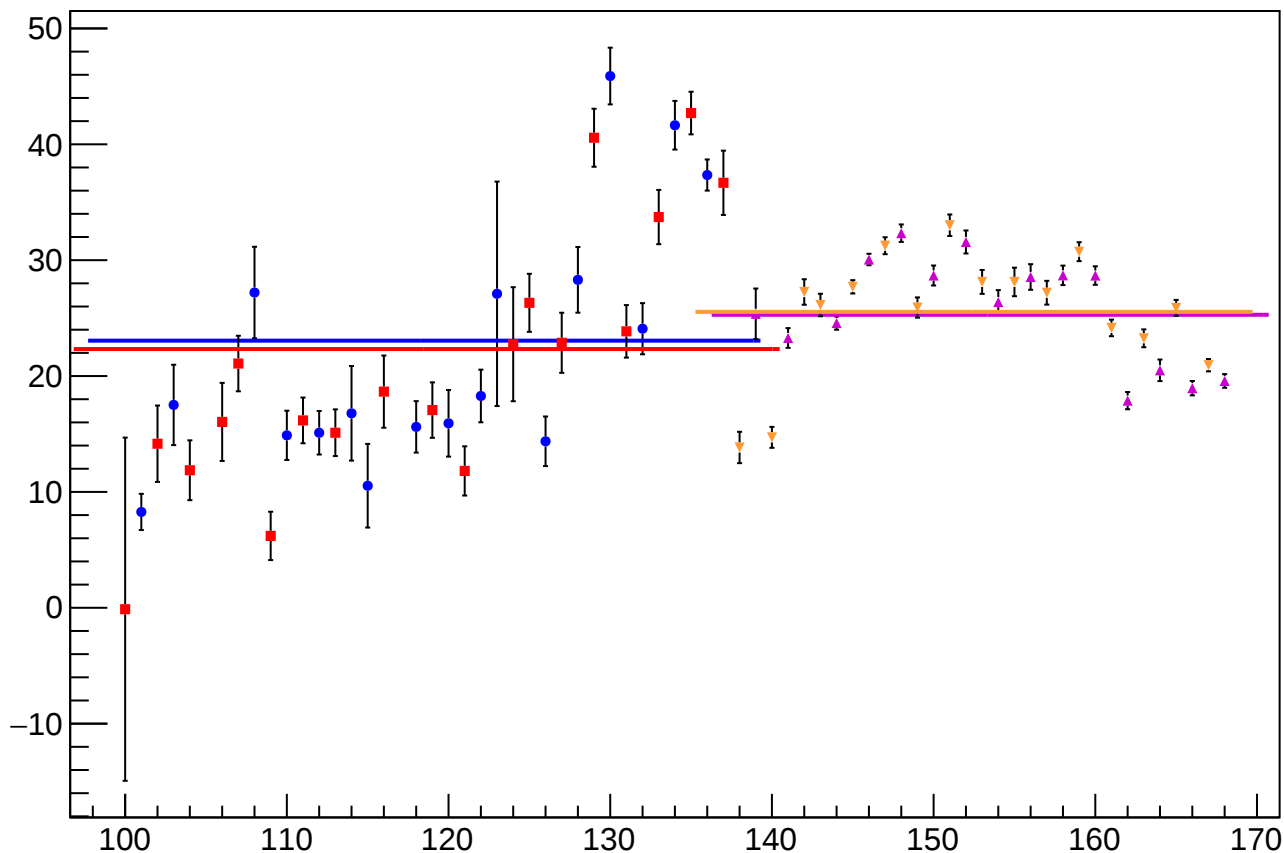
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -61.534 ± 0.221 χ^2/NDF : 6490.1/31

Out: -64.559 ± 0.232 χ^2/NDF : 5452.1/34

All: -62.978 ± 0.160 χ^2/NDF : 12031.4/66

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2/NDF : 461.1/16

Left Out: 25.539 $\pm$ 0.203 χ^2/NDF : 503.4/15

Right Out: 22.331 $\pm$ 0.572 χ^2/NDF : 371.1/18

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

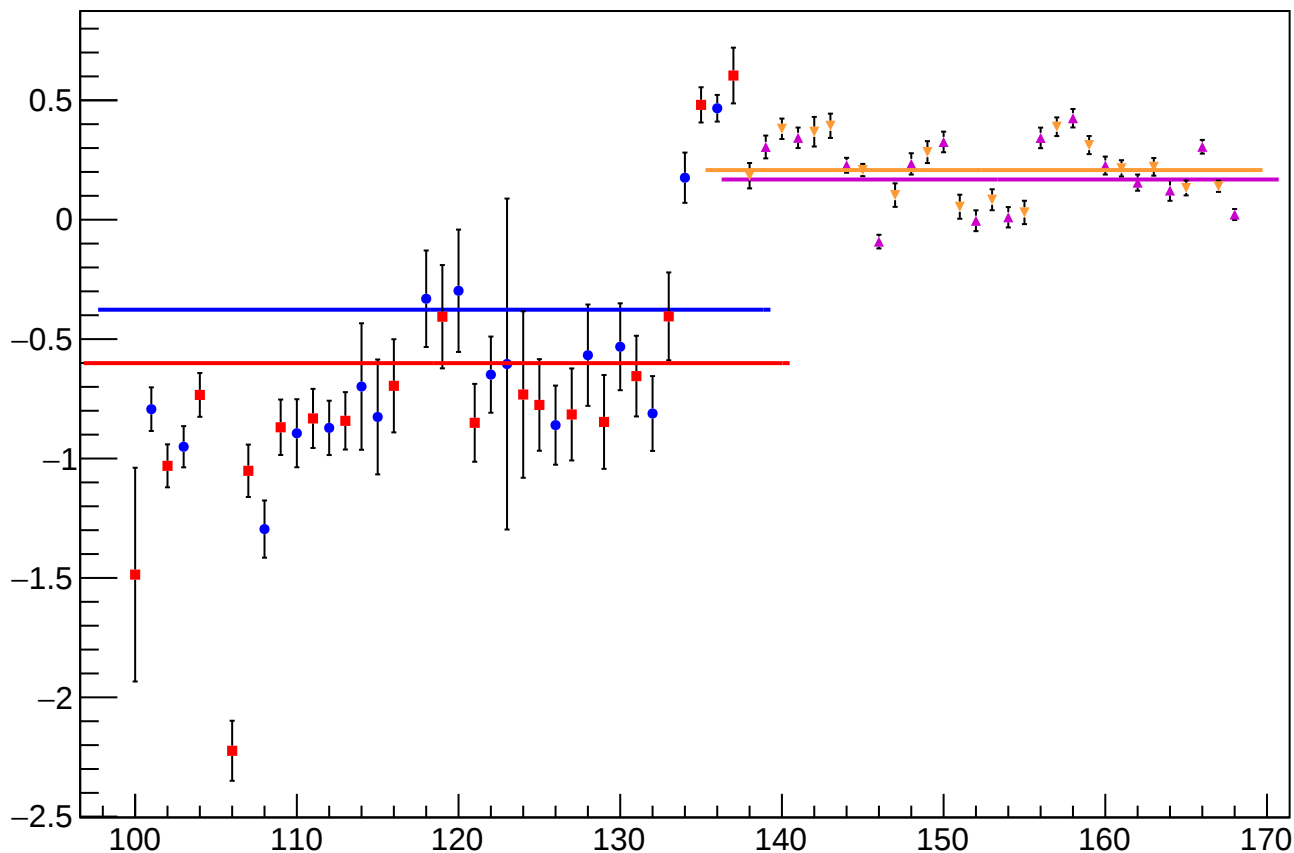
Right: 22.703 $\pm$ 0.399 χ^2/NDF : 833.0/35

In: 25.042 $\pm$ 0.185 χ^2/NDF : 1085.9/31

Out: 25.182 $\pm$ 0.191 χ^2/NDF : 902.4/34

All: 25.109 $\pm$ 0.133 χ^2/NDF : 1988.5/66

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.208 ± 0.010 $\chi^2/\text{NDF}: 117.7/15$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.168 ± 0.009 $\chi^2/\text{NDF}: 282.9/14$

Left: 0.187 ± 0.007 $\chi^2/\text{NDF}: 409.5/30$

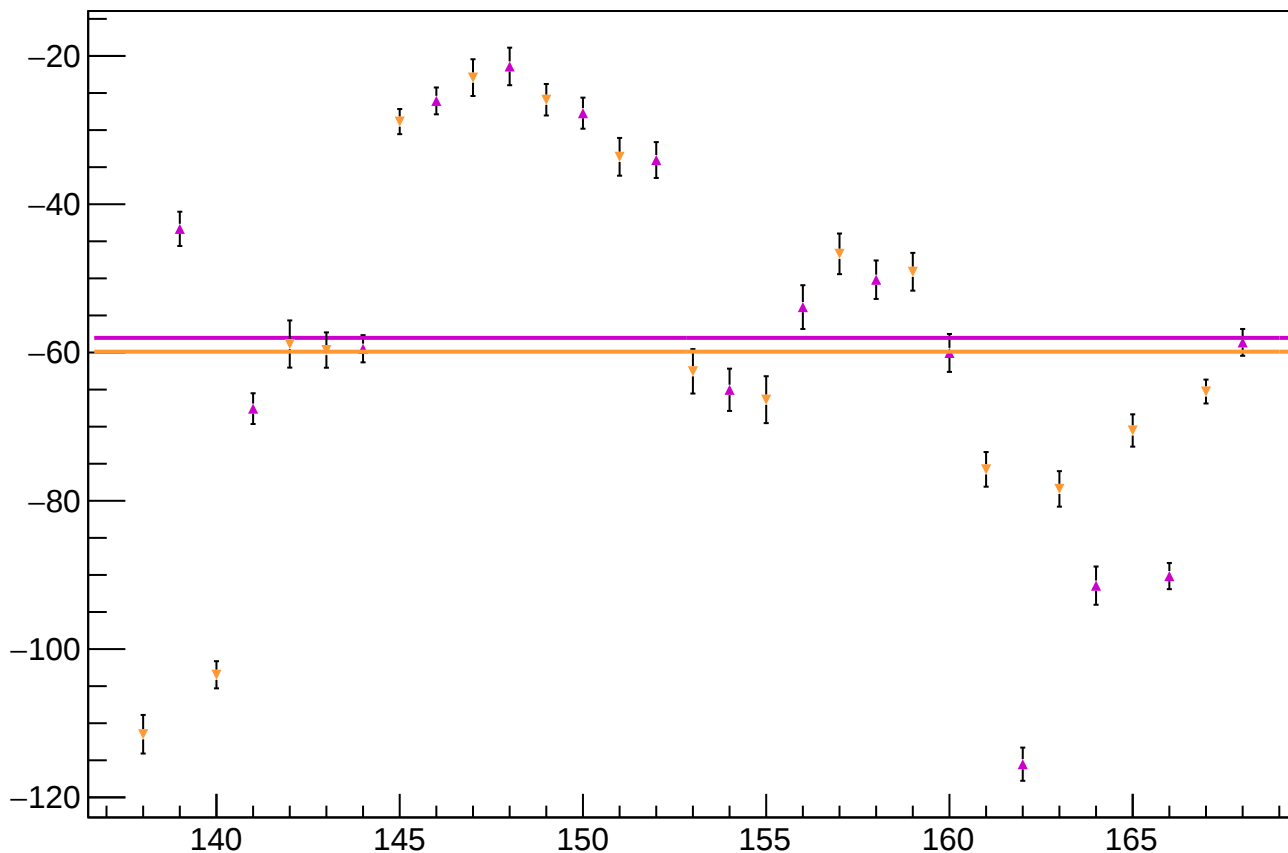
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.122 ± 0.009 $\chi^2/\text{NDF}: 1020.2/31$

Out: 0.135 ± 0.009 $\chi^2/\text{NDF}: 1325.9/34$

All: 0.128 ± 0.006 $\chi^2/\text{NDF}: 2347.1/66$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

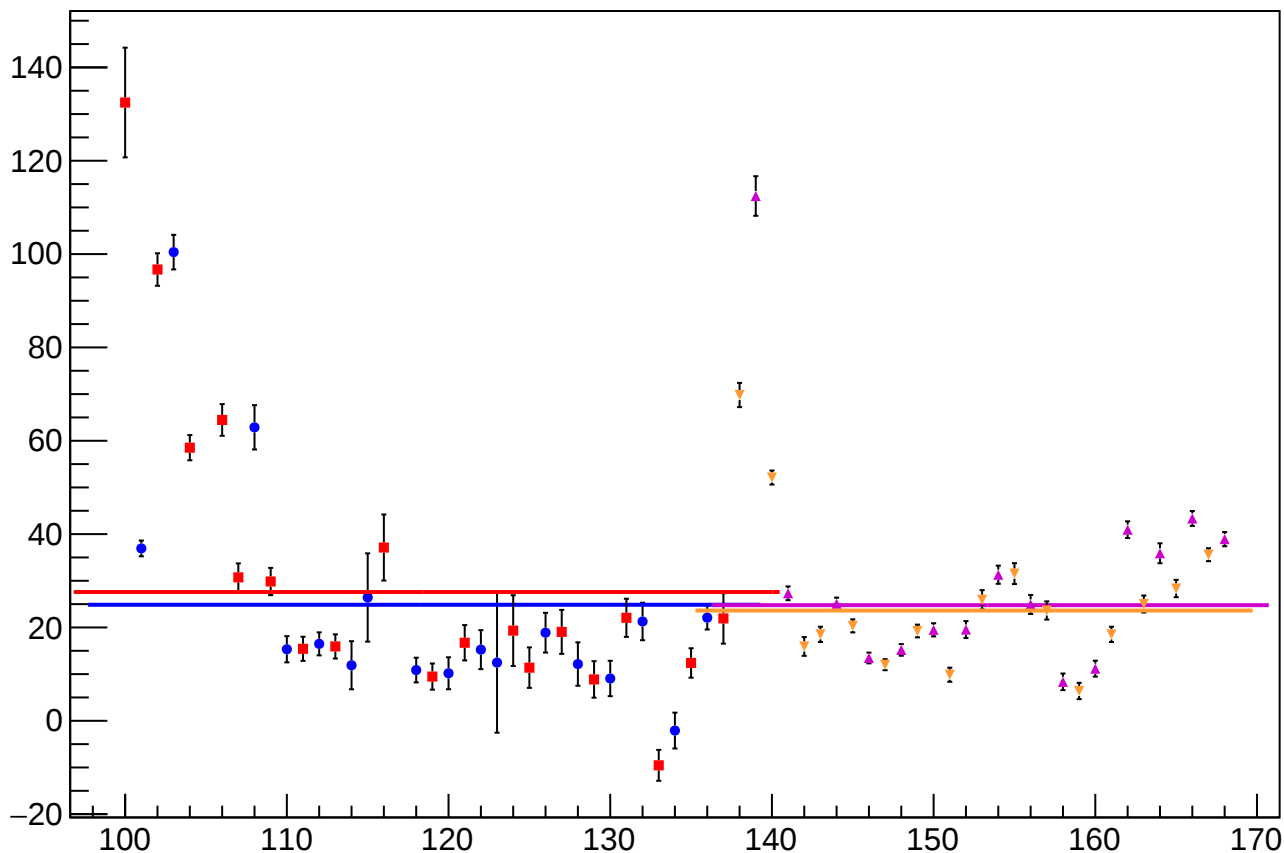
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 23.623 ± 0.411 χ^2/NDF : 1100.1/15

Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18

Left In: 24.776 ± 0.415 χ^2/NDF : 1099.0/14

Left: 24.194 ± 0.292 χ^2/NDF : 2202.9/30

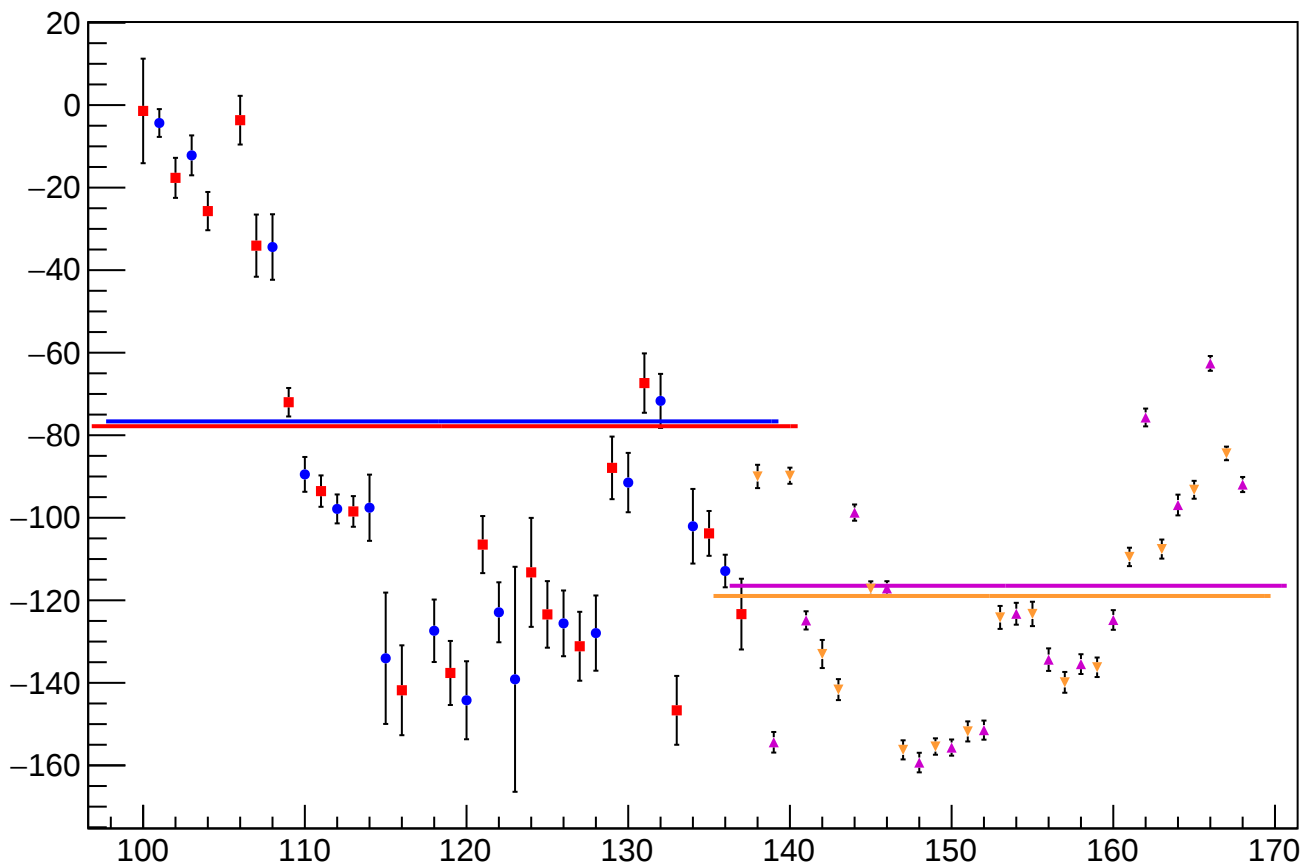
Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35

In: 24.794 ± 0.368 χ^2/NDF : 1790.0/31

Out: 24.436 ± 0.366 χ^2/NDF : 2130.1/34

All: 24.614 ± 0.260 χ^2/NDF : 3920.6/66

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -118.949 ± 0.568 χ^2/NDF : 1955.2/15

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -116.475 ± 0.560 χ^2/NDF : 2905.2/14

Left: -117.695 ± 0.399 χ^2/NDF : 4870.0/30

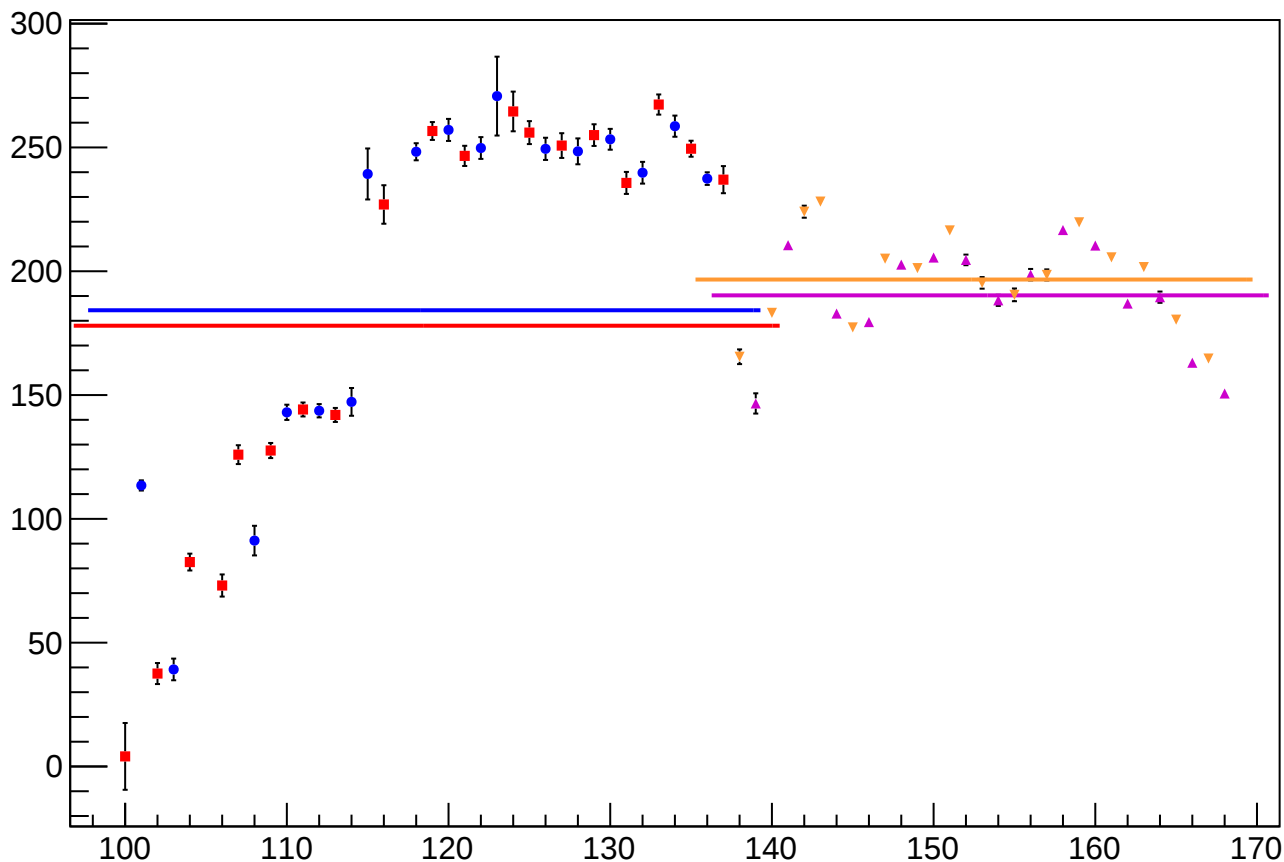
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -111.080 ± 0.521 χ^2/NDF : 4631.3/31

Out: -112.778 ± 0.524 χ^2/NDF : 3615.1/34

All: -111.924 ± 0.369 χ^2/NDF : 8251.7/66

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 ± 0.915 $\chi^2/\text{NDF}: 5388.6/16$

Left Out: 196.656 ± 0.478 $\chi^2/\text{NDF}: 1544.7/15$

Right Out: 178.003 ± 0.924 $\chi^2/\text{NDF}: 6338.0/18$

Left In: 190.261 ± 0.482 $\chi^2/\text{NDF}: 1589.4/14$

Left: 193.485 ± 0.339 $\chi^2/\text{NDF}: 3222.8/30$

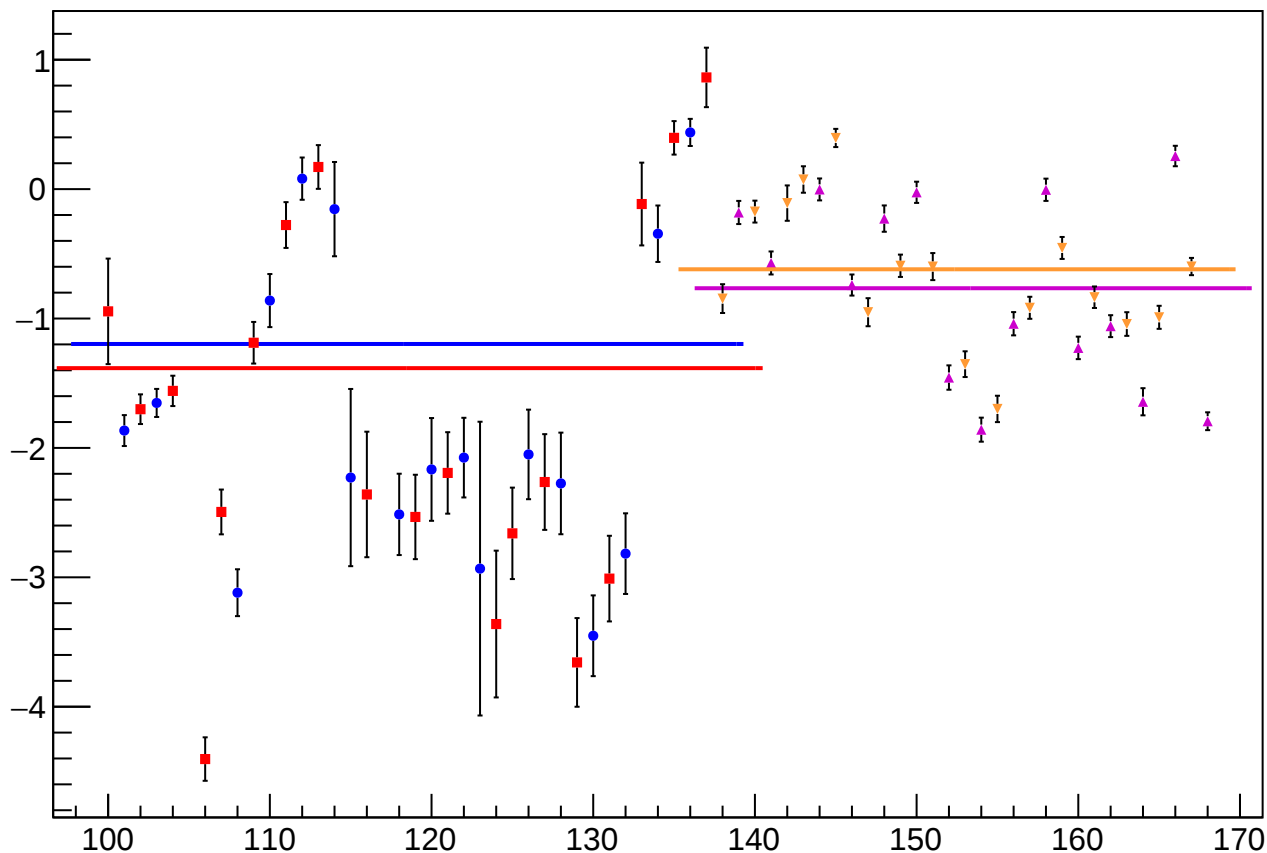
Right: 181.152 ± 0.650 $\chi^2/\text{NDF}: 11749.6/35$

In: 188.955 ± 0.427 $\chi^2/\text{NDF}: 7011.8/31$

Out: 192.714 ± 0.425 $\chi^2/\text{NDF}: 8204.4/34$

All: 190.843 ± 0.301 $\chi^2/\text{NDF}: 15255.2/66$

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.620 ± 0.023 χ^2/NDF : 537.7/15

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.766 ± 0.022 χ^2/NDF : 1018.0/14

Left: -0.693 ± 0.016 χ^2/NDF : 1577.0/30

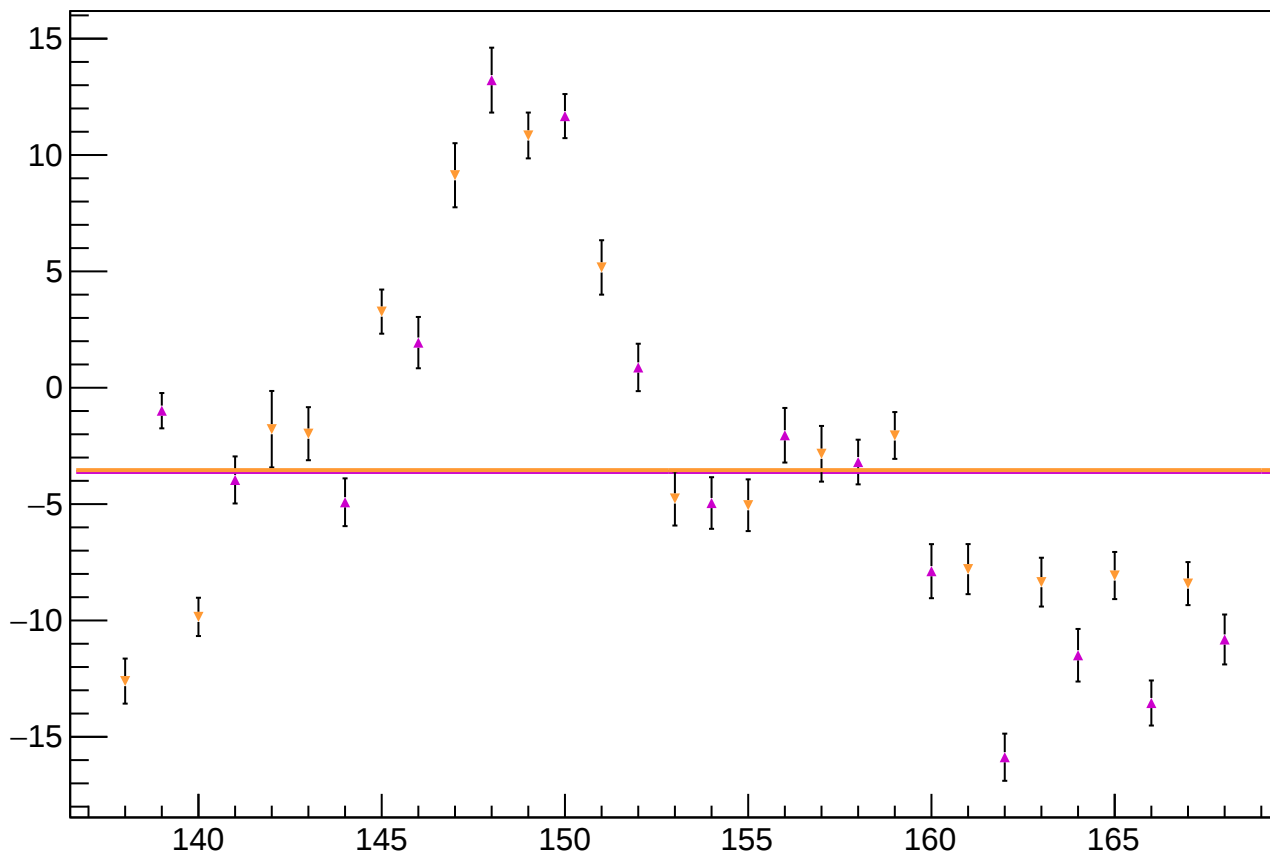
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.842 ± 0.020 χ^2/NDF : 1705.5/31

Out: -0.768 ± 0.020 χ^2/NDF : 1685.4/34

All: -0.805 ± 0.014 χ^2/NDF : 3397.5/66

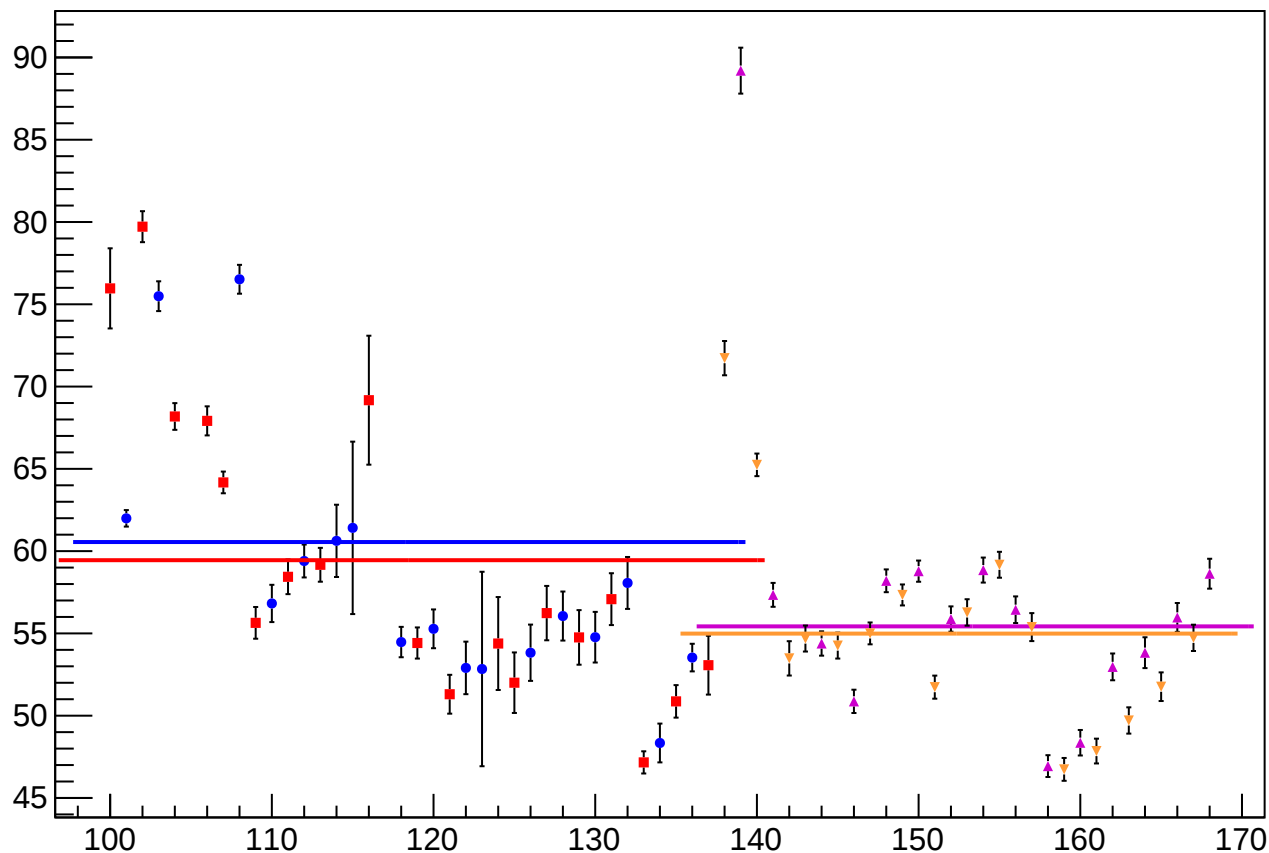
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 55.427 ± 0.201 $\chi^2/\text{NDF}: 972.9/14$

Left: 55.199 ± 0.139 $\chi^2/\text{NDF}: 1814.9/30$

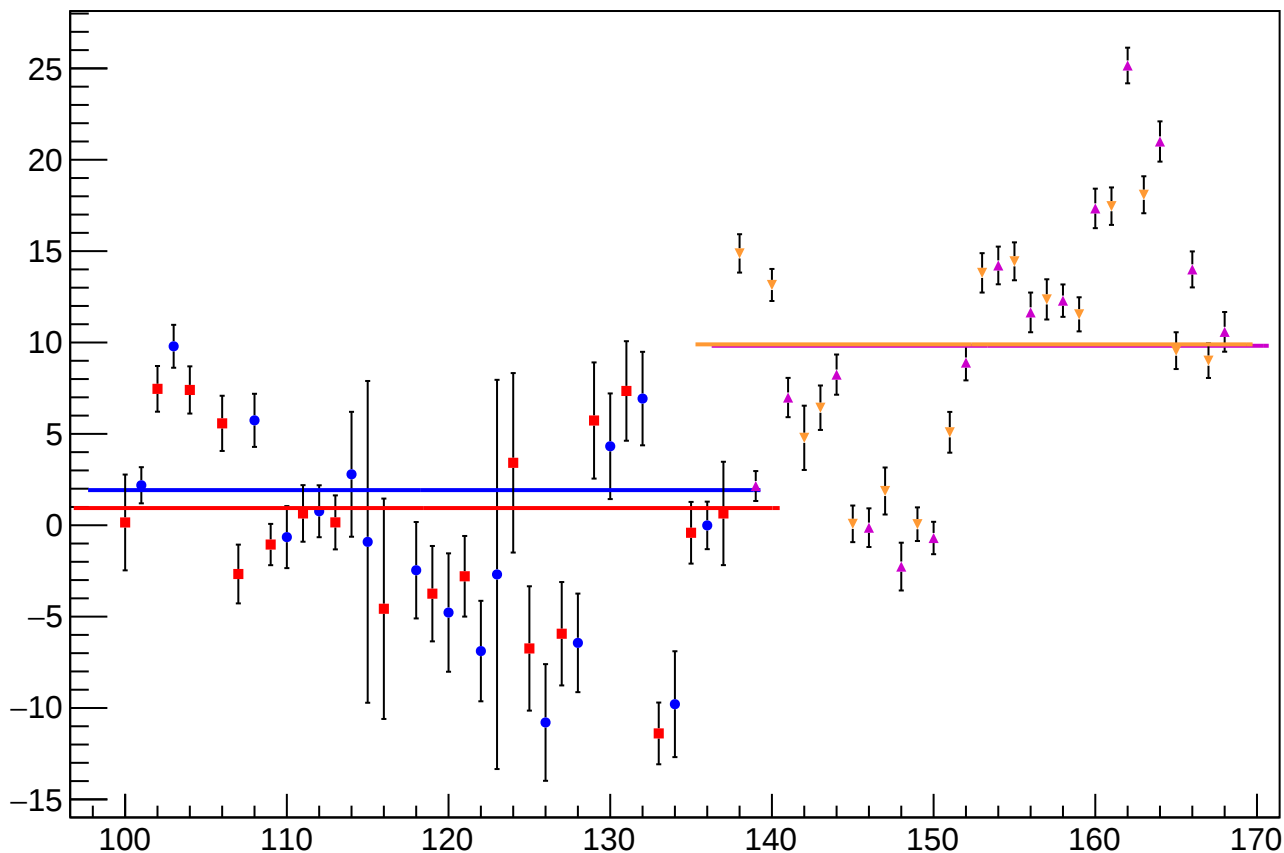
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 57.327 ± 0.159 $\chi^2/\text{NDF}: 2145.1/31$

Out: 56.677 ± 0.152 $\chi^2/\text{NDF}: 2362.5/34$

All: 56.987 ± 0.110 $\chi^2/\text{NDF}: 4516.3/66$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 9.898 ± 0.262 $\chi^2/\text{NDF}: 482.0/15$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 9.822 ± 0.261 $\chi^2/\text{NDF}: 858.4/14$

Left: 9.860 ± 0.185 $\chi^2/\text{NDF}: 1340.5/30$

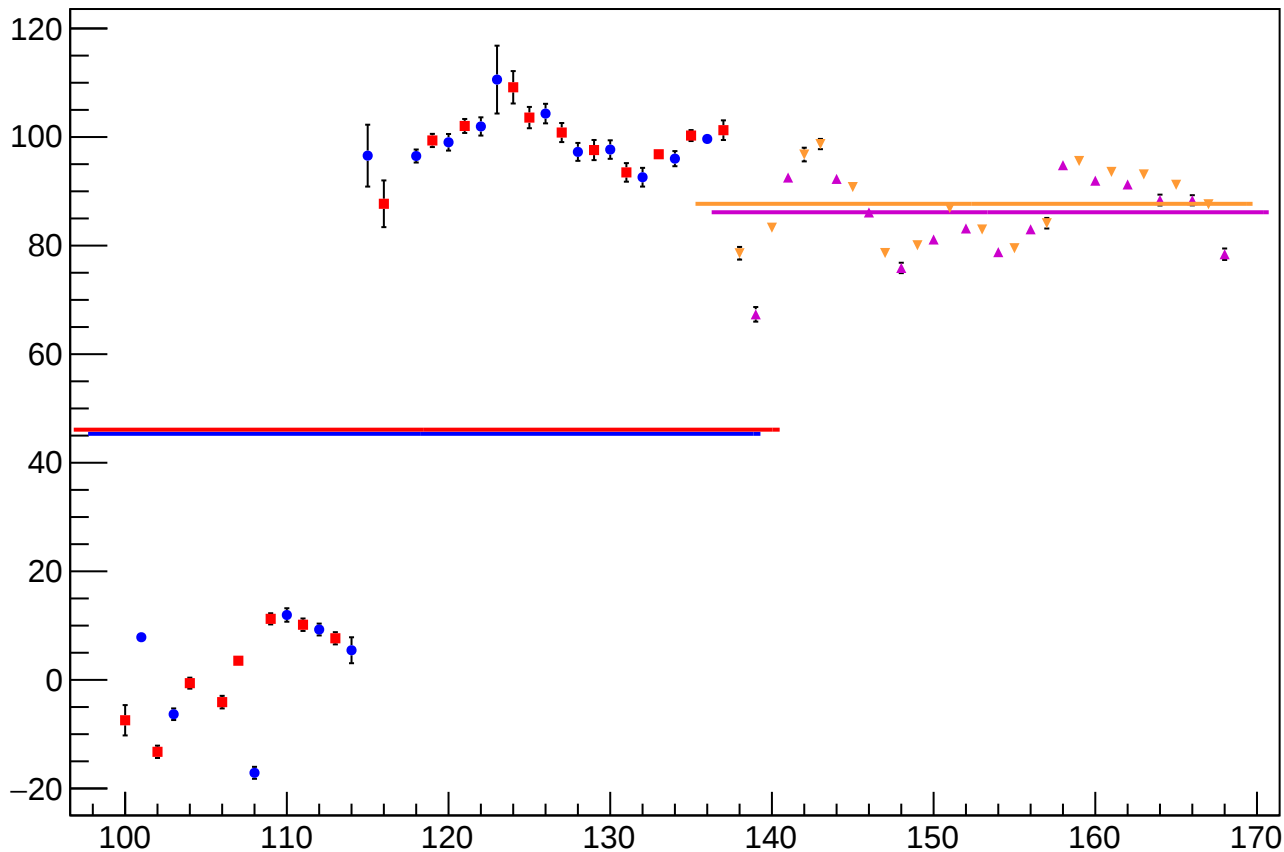
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 7.885 ± 0.227 $\chi^2/\text{NDF}: 1203.7/31$

Out: 7.425 ± 0.223 $\chi^2/\text{NDF}: 955.3/34$

All: 7.651 ± 0.159 $\chi^2/\text{NDF}: 2161.1/66$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 87.698+/-0.223 χ^2/NDF : 837.3/15

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 86.143+/-0.229 χ^2/NDF : 854.8/14

Left: 86.944+/-0.160 χ^2/NDF : 1715.8/30

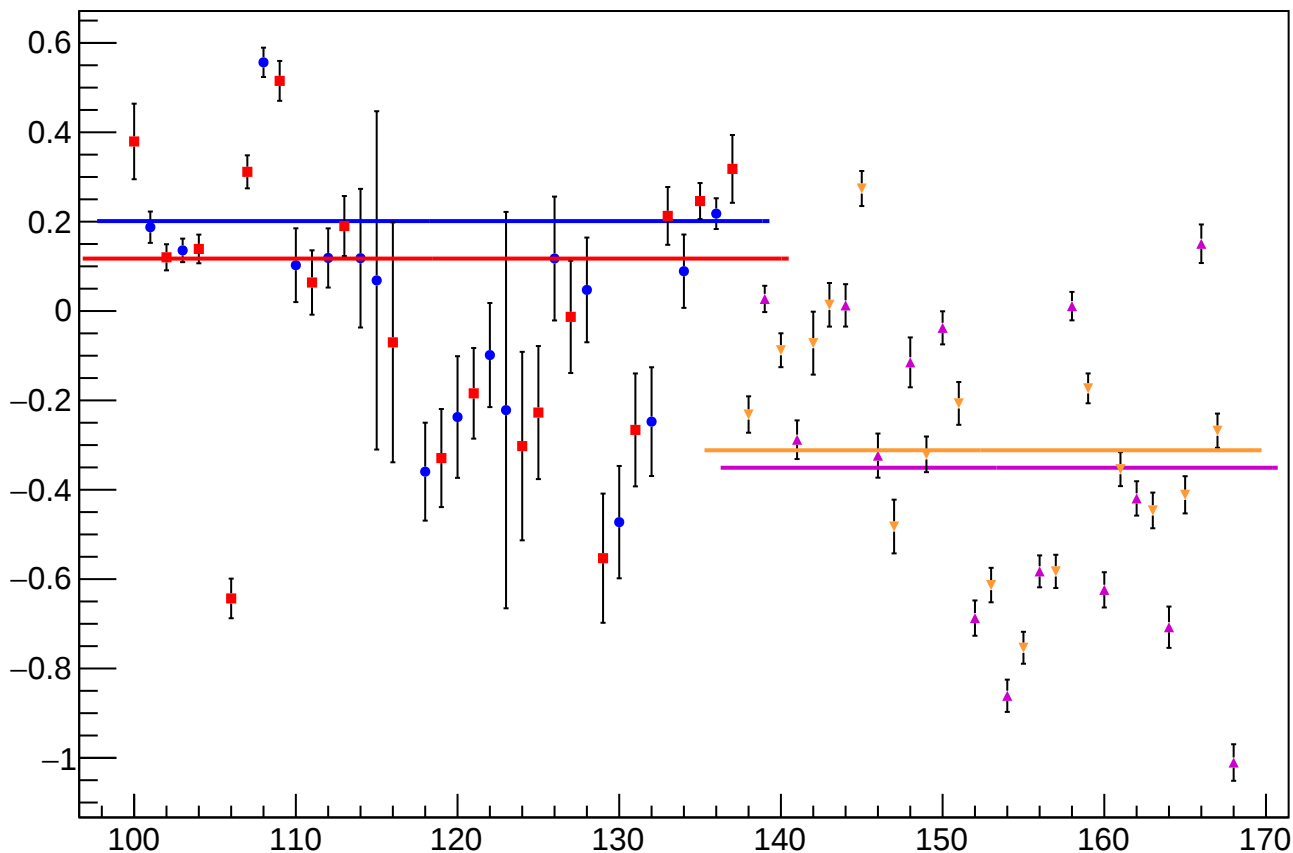
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 71.305+/-0.183 χ^2/NDF : 37362.5/31

Out: 72.225+/-0.176 χ^2/NDF : 42102.9/34

All: 71.782+/-0.127 χ^2/NDF : 79478.5/66

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.312 ± 0.010 χ^2/NDF : 634.8/15

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.351 ± 0.010 χ^2/NDF : 1264.9/14

Left: -0.331 ± 0.007 χ^2/NDF : 1907.1/30

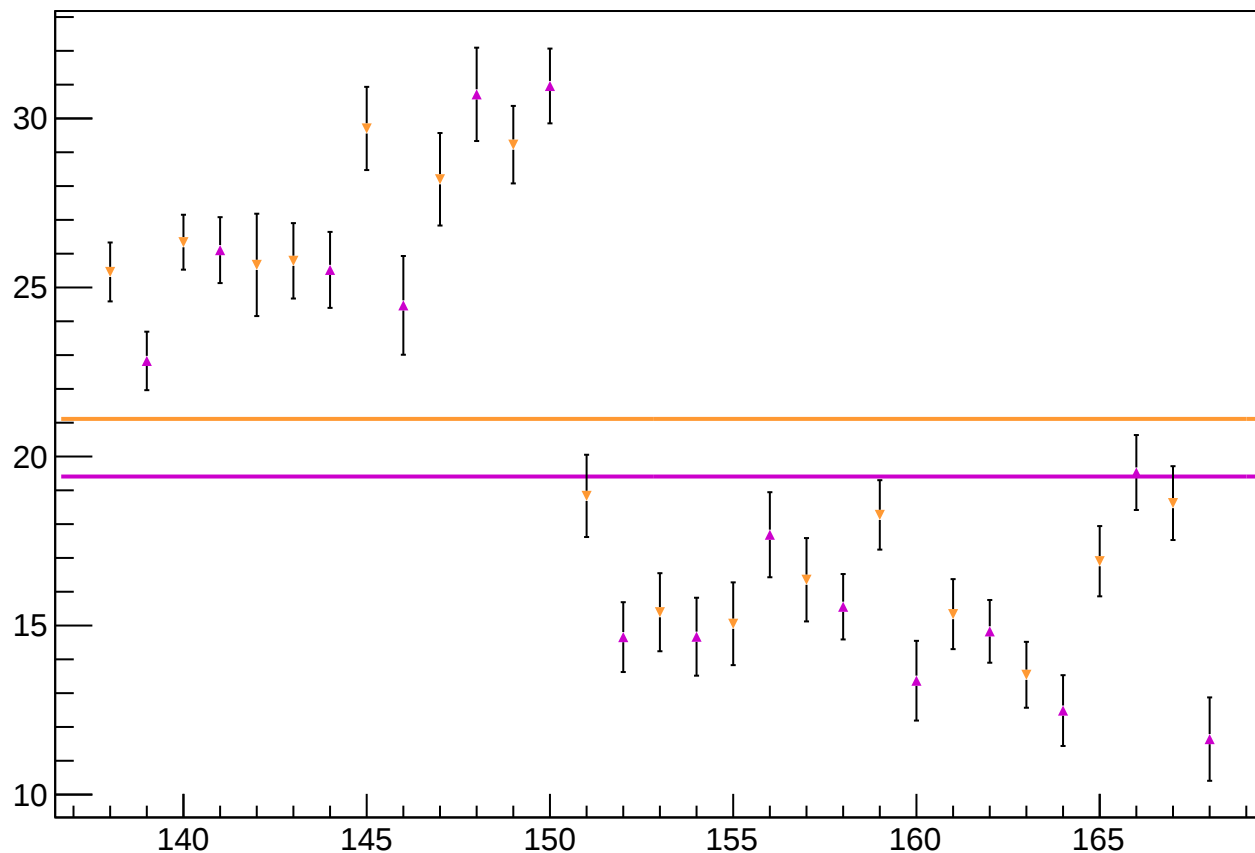
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.161 ± 0.008 χ^2/NDF : 2496.8/31

Out: -0.148 ± 0.008 χ^2/NDF : 1805.9/34

All: -0.154 ± 0.006 χ^2/NDF : 4304.1/66

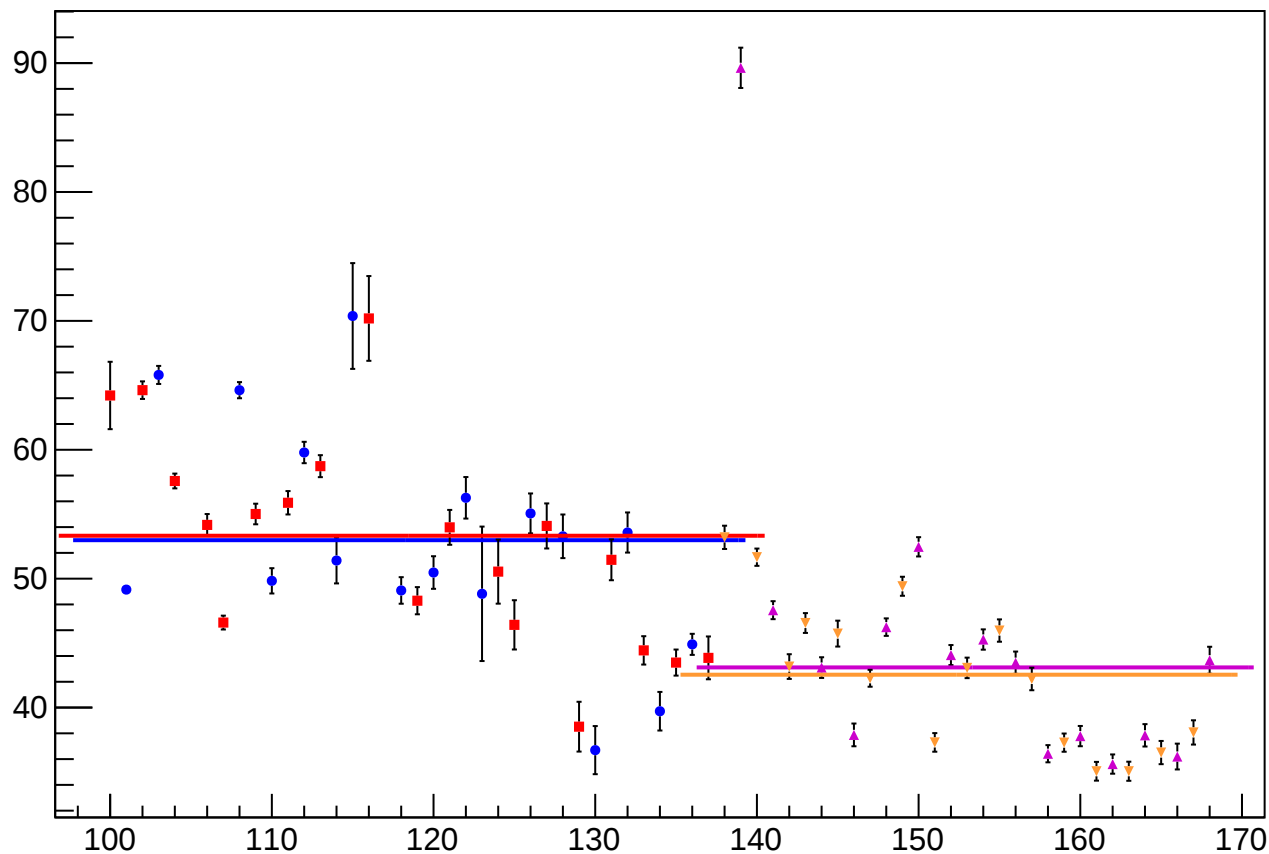
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.113 $\pm$ 0.272 χ^2 /NDF:406.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.408 $\pm$ 0.281 χ^2 /NDF:470.4/14

Left: 20.288 $\pm$ 0.196 χ^2 /NDF: 896.0/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.408 $\pm$ 0.281 χ^2 /NDF:470.4/14
 Out: 21.113 $\pm$ 0.272 χ^2 /NDF:406.7/15
 All: 20.288 $\pm$ 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: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 43.113 $\pm$ 0.210 χ^2 /NDF: 1480.3/14

Left: 42.814 $\pm$ 0.144 χ^2 /NDF: 2333.3/30

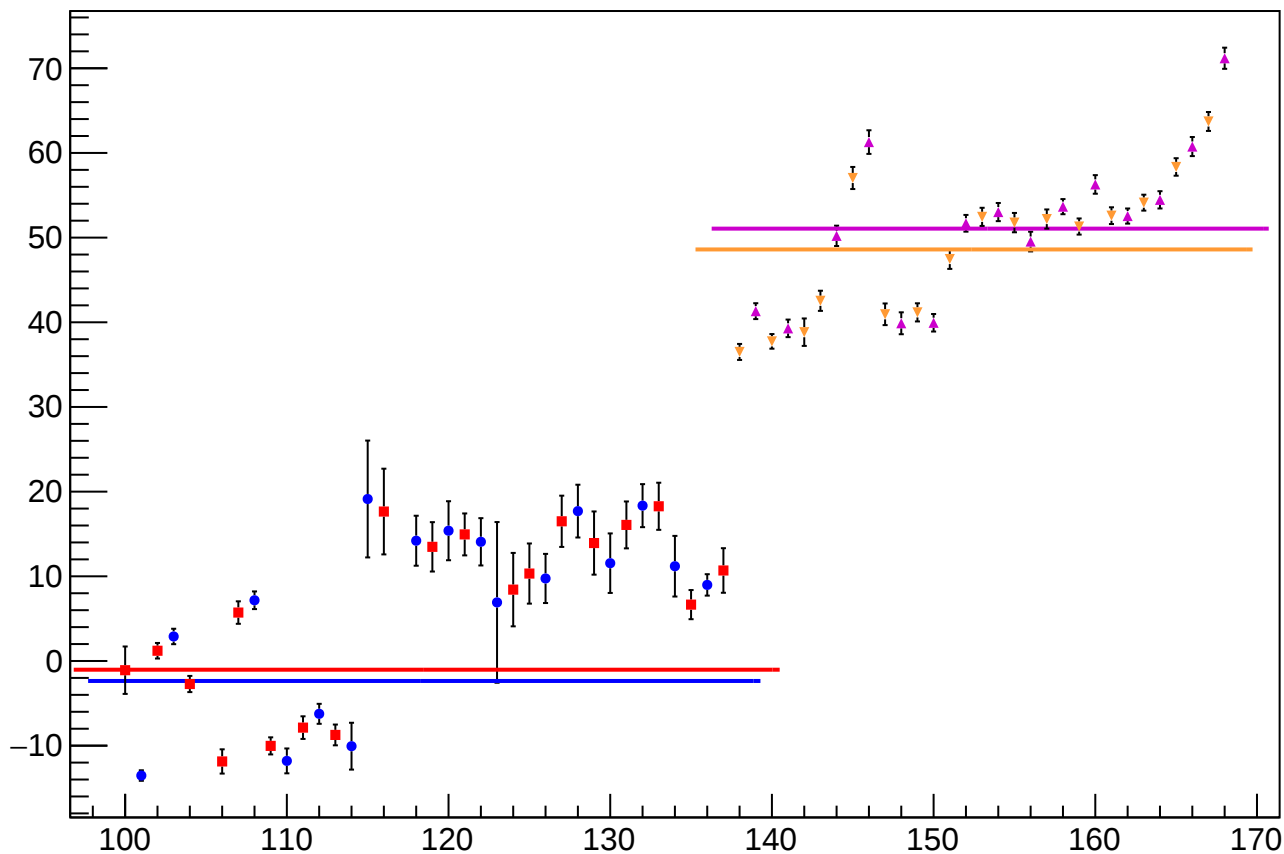
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 48.033 $\pm$ 0.148 χ^2 /NDF: 3783.3/31

Out: 47.209 $\pm$ 0.149 χ^2 /NDF: 3009.4/34

All: 47.622 $\pm$ 0.105 χ^2 /NDF: 6808.0/66

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 48.603 ± 0.270 χ^2/NDF : 872.0/15

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 51.060 ± 0.276 χ^2/NDF : 865.7/14

Left: 49.804 ± 0.193 χ^2/NDF : 1778.3/30

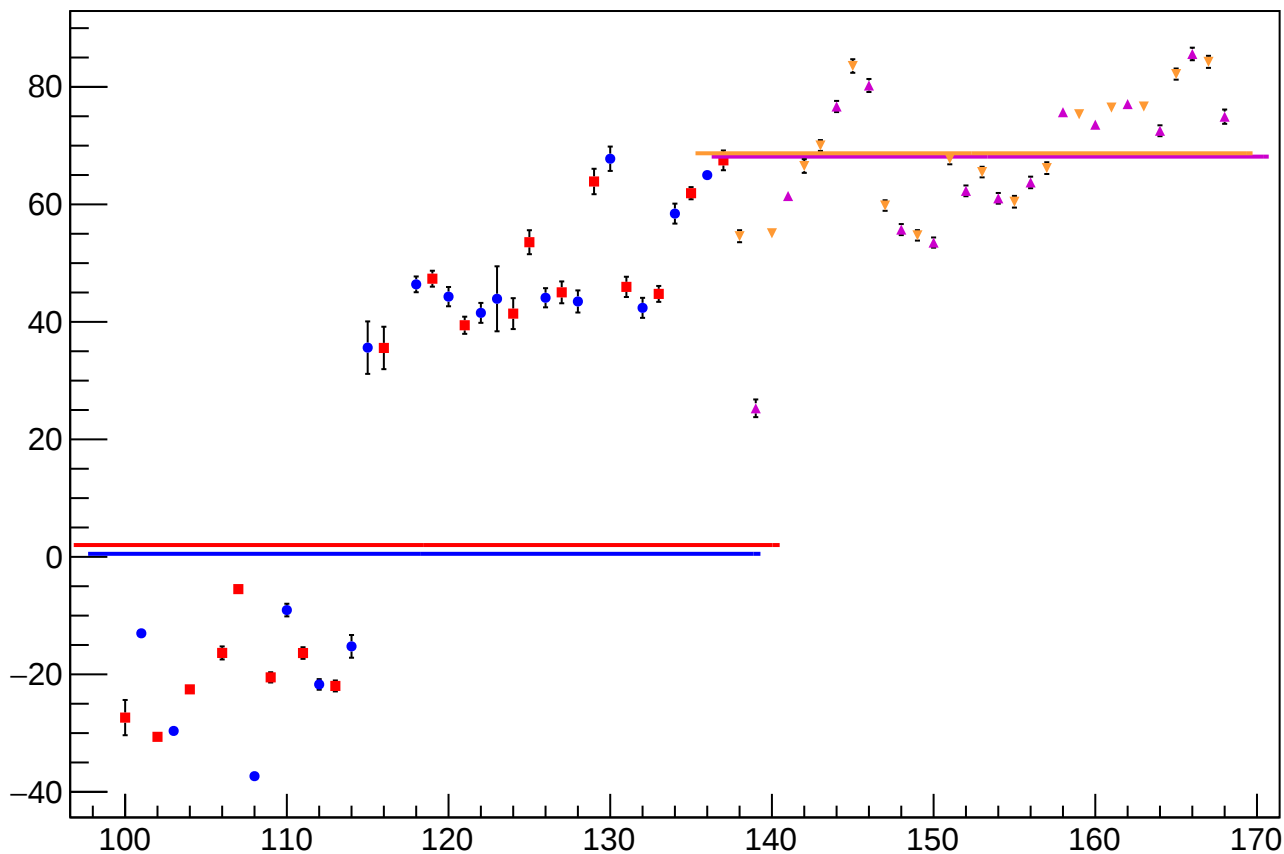
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 31.605 ± 0.220 χ^2/NDF : 15387.5/31

Out: 31.798 ± 0.219 χ^2/NDF : 12855.8/34

All: 31.702 ± 0.155 χ^2/NDF : 28243.7/66

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 68.698 $\pm$ 0.228 χ^2 /NDF:1793.1/15

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 68.131 $\pm$ 0.239 χ^2 /NDF:2262.9/14

Left: 68.428 $\pm$ 0.165 χ^2 /NDF: 4058.9/30

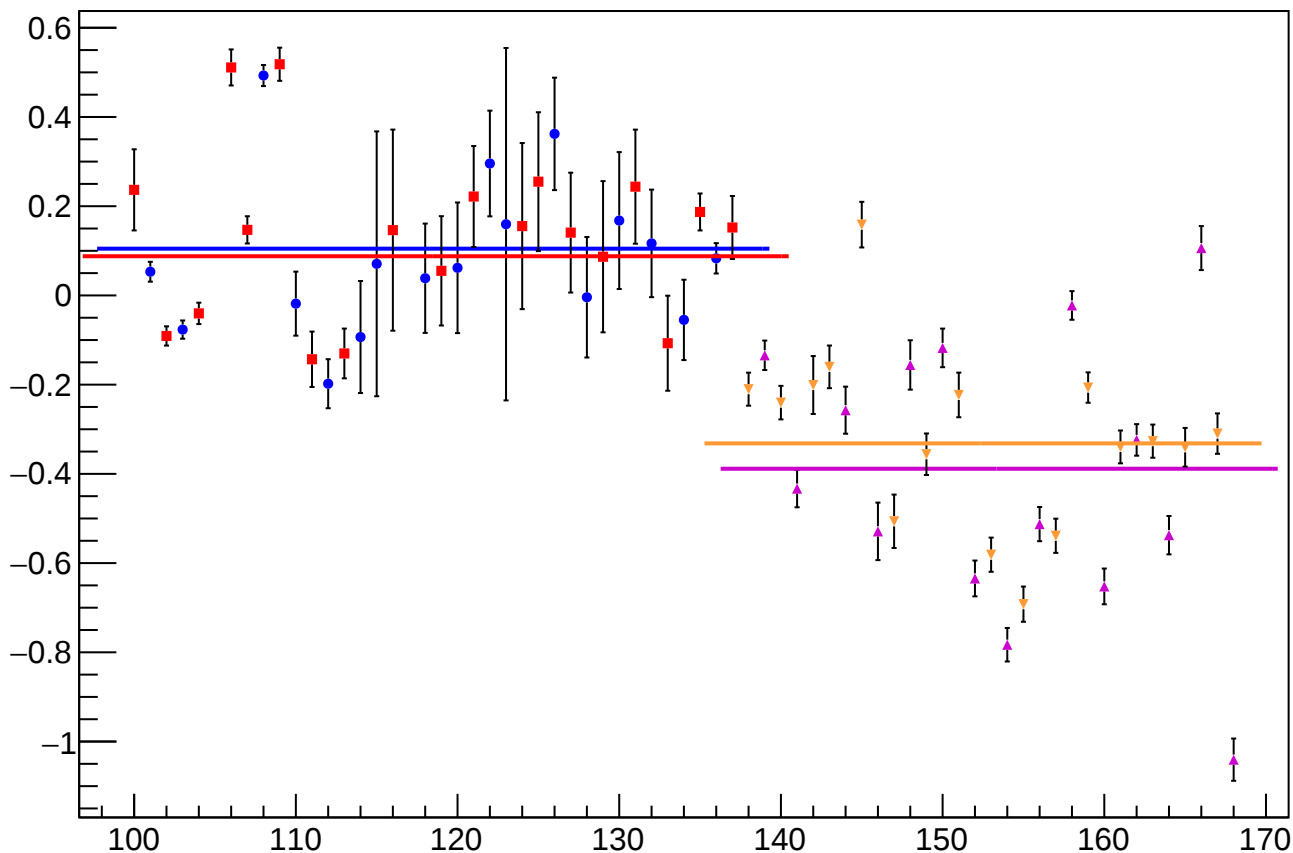
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 35.365 $\pm$ 0.172 χ^2 /NDF:59291.1/31

Out: 40.489 $\pm$ 0.173 χ^2 /NDF:53434.5/34

All: 37.907 $\pm$ 0.122 χ^2 /NDF: 113166.3/66

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.332 ± 0.011 $\chi^2/\text{NDF}: 307.8/15$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.389 ± 0.011 $\chi^2/\text{NDF}: 765.5/14$

Left: -0.360 ± 0.008 $\chi^2/\text{NDF}: 1087.6/30$

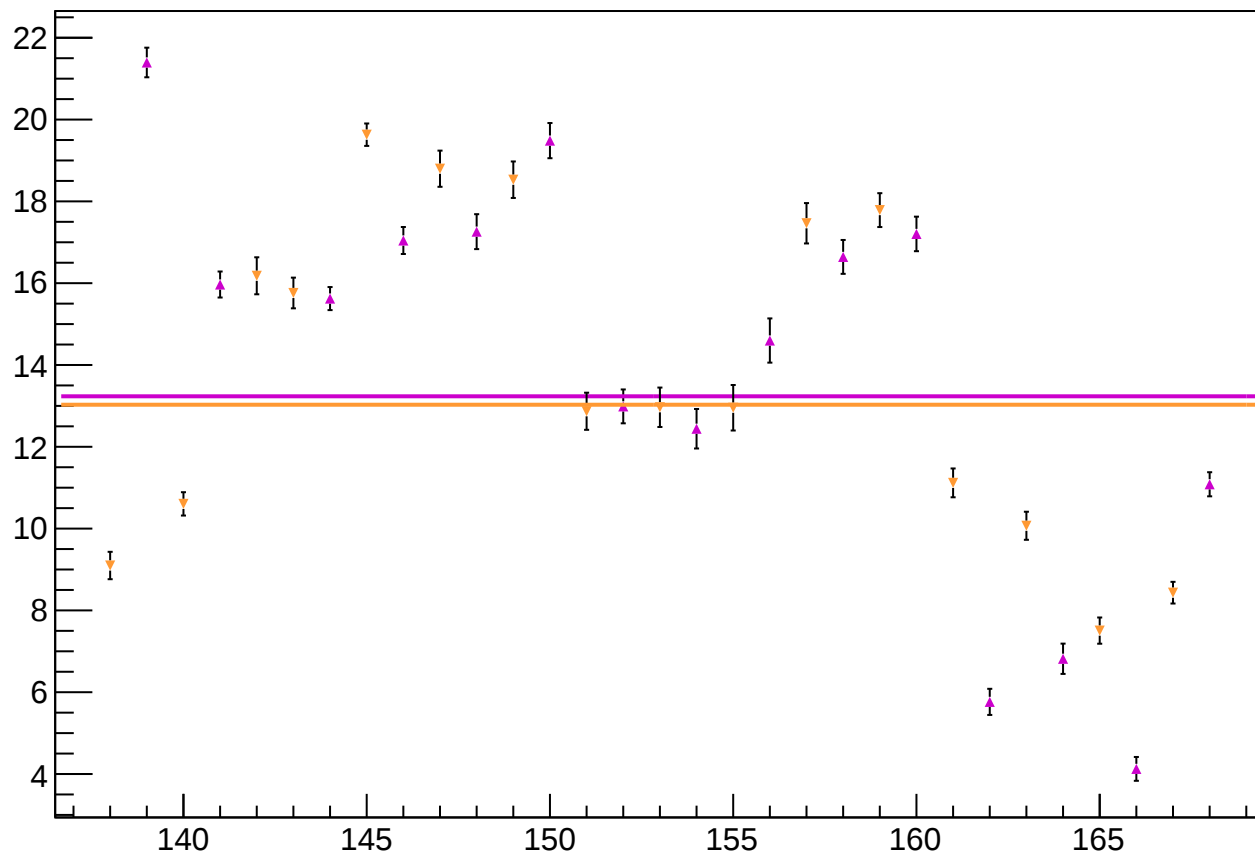
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.150 ± 0.008 $\chi^2/\text{NDF}: 2197.4/31$

Out: -0.131 ± 0.008 $\chi^2/\text{NDF}: 1455.9/34$

All: -0.140 ± 0.005 $\chi^2/\text{NDF}: 3656.4/66$

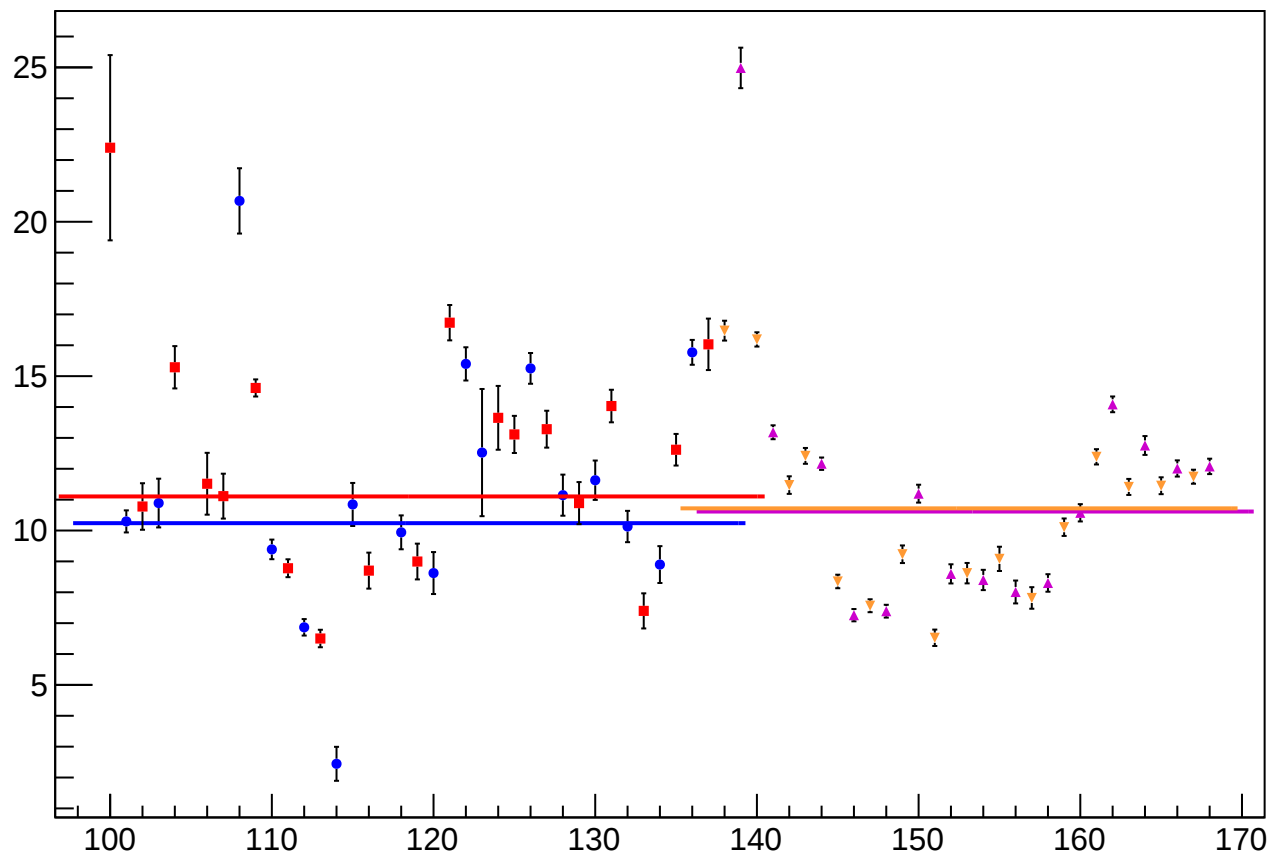
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 13.028 $\pm$ 0.091 χ^2 /NDF:2128.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.234 $\pm$ 0.093 χ^2 /NDF:3131.3/14

Left: 13.130 $\pm$ 0.065 χ^2 /NDF: 5262.2/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.234 $\pm$ 0.093 χ^2 /NDF:3131.3/14
 Out: 13.028 $\pm$ 0.091 χ^2 /NDF:2128.4/15
 All: 13.130 $\pm$ 0.065 χ^2 /NDF: 5262.2/30

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 10.718 ± 0.066 χ^2/NDF : 1761.0/15

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 10.615 ± 0.068 χ^2/NDF : 1700.4/14

Left: 10.668 ± 0.048 χ^2/NDF : 3462.6/30

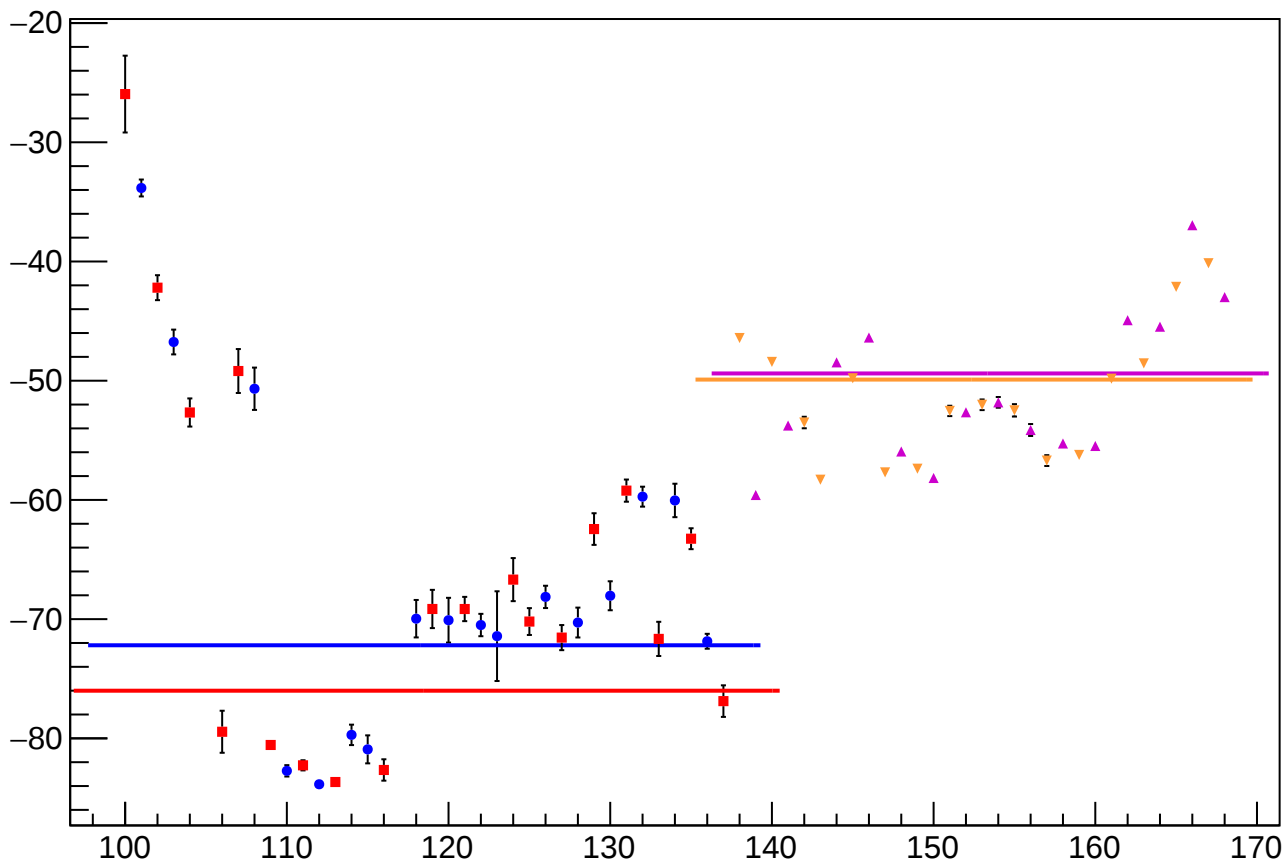
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 10.523 ± 0.059 χ^2/NDF : 2575.4/31

Out: 10.813 ± 0.058 χ^2/NDF : 2584.5/34

All: 10.671 ± 0.041 χ^2/NDF : 5172.3/66

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -49.905 ± 0.092 χ^2/NDF : 3775.5/15

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -49.390 ± 0.092 χ^2/NDF : 4900.1/14

Left: -49.649 ± 0.065 χ^2/NDF : 8691.3/30

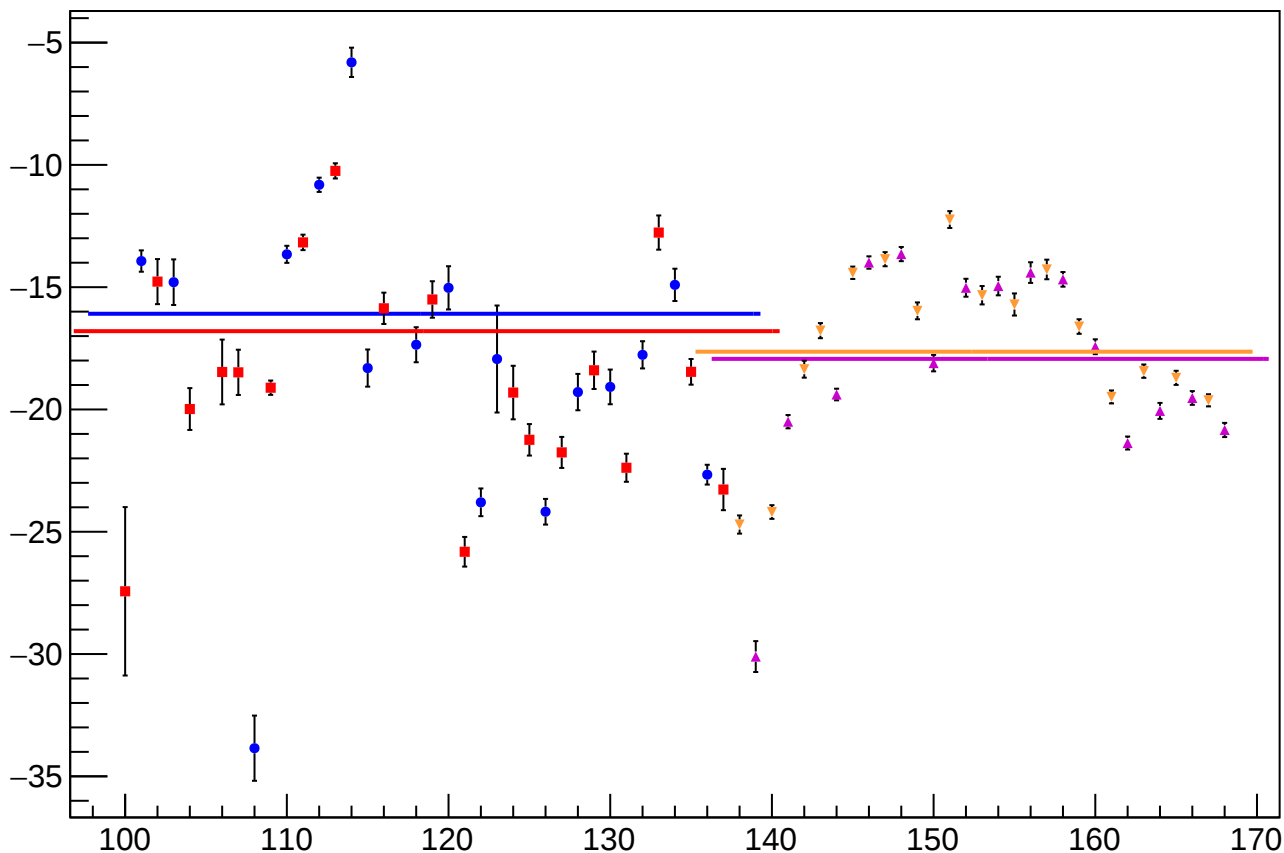
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -53.434 ± 0.083 χ^2/NDF : 21358.5/31

Out: -55.227 ± 0.082 χ^2/NDF : 23801.2/34

All: -54.349 ± 0.058 χ^2/NDF : 45395.4/66

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -17.638 ± 0.077 $\chi^2/\text{NDF}: 1797.1/15$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -17.932 ± 0.079 $\chi^2/\text{NDF}: 1615.6/14$

Left: -17.781 ± 0.055 $\chi^2/\text{NDF}: 3419.8/30$

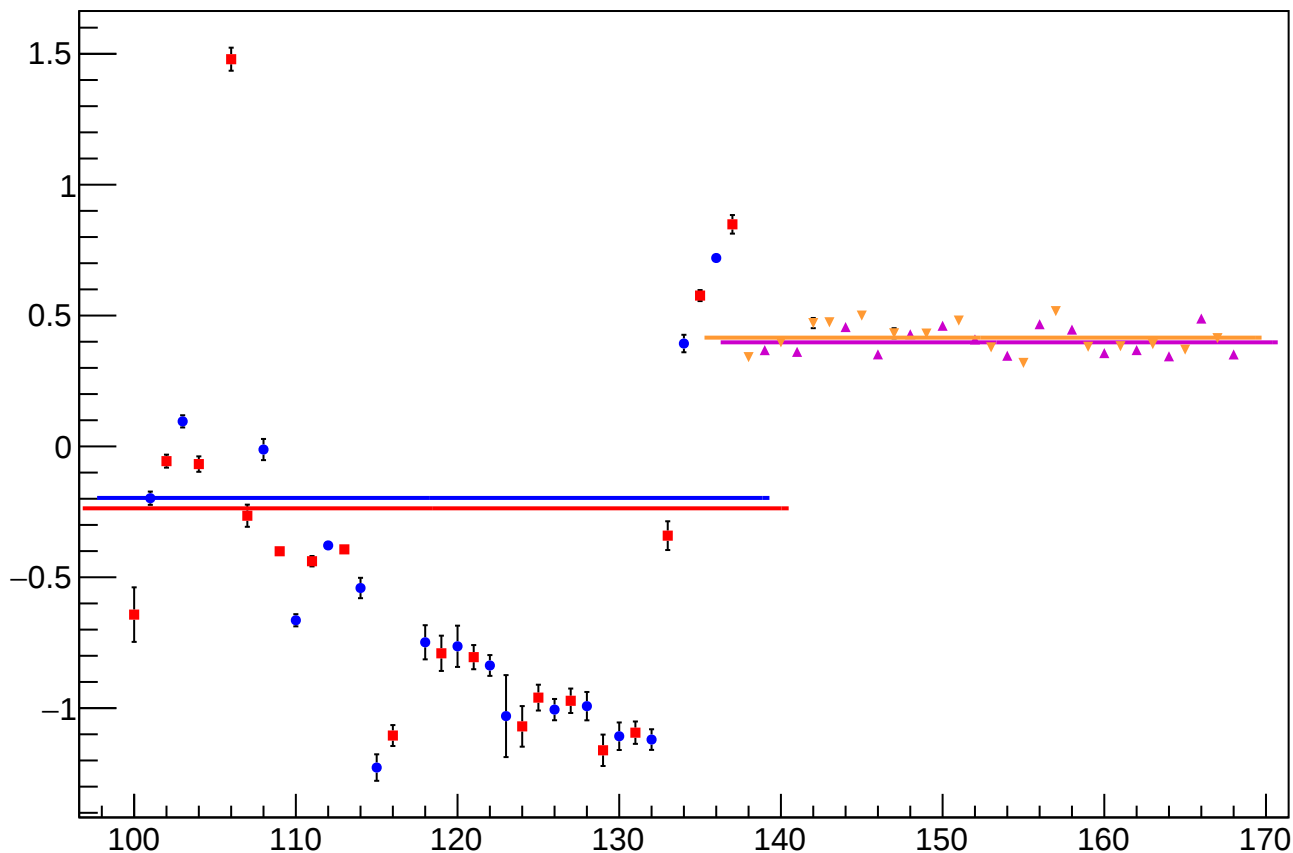
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -17.447 ± 0.068 $\chi^2/\text{NDF}: 3380.5/31$

Out: -17.415 ± 0.066 $\chi^2/\text{NDF}: 3042.6/34$

All: -17.431 ± 0.047 $\chi^2/\text{NDF}: 6423.2/66$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.416 ± 0.004 χ^2/NDF : 224.3/15

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.398 ± 0.004 χ^2/NDF : 192.0/14

Left: 0.407 ± 0.003 χ^2/NDF : 428.5/30

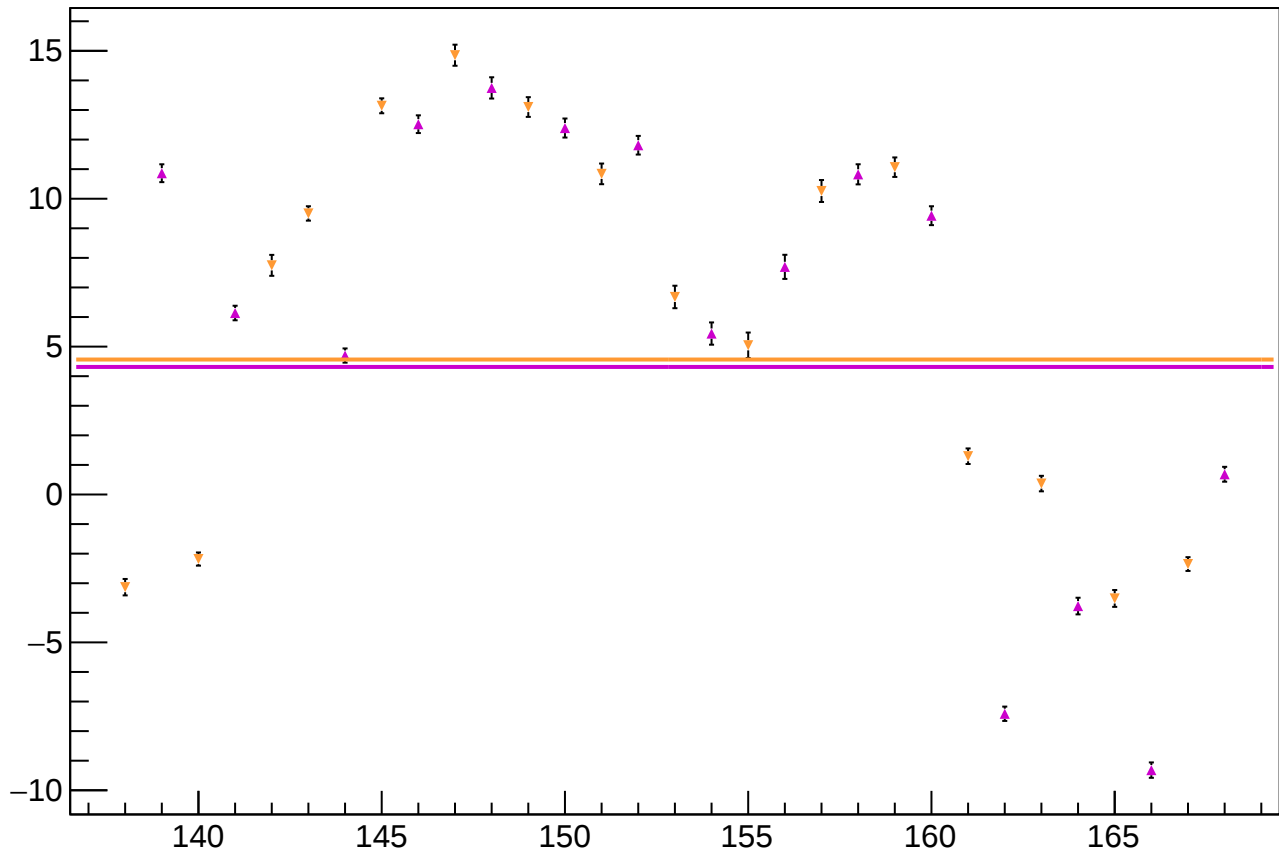
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.284 ± 0.003 χ^2/NDF : 11542.9/31

Out: 0.283 ± 0.003 χ^2/NDF : 13029.1/34

All: 0.283 ± 0.002 χ^2/NDF : 24572.1/66

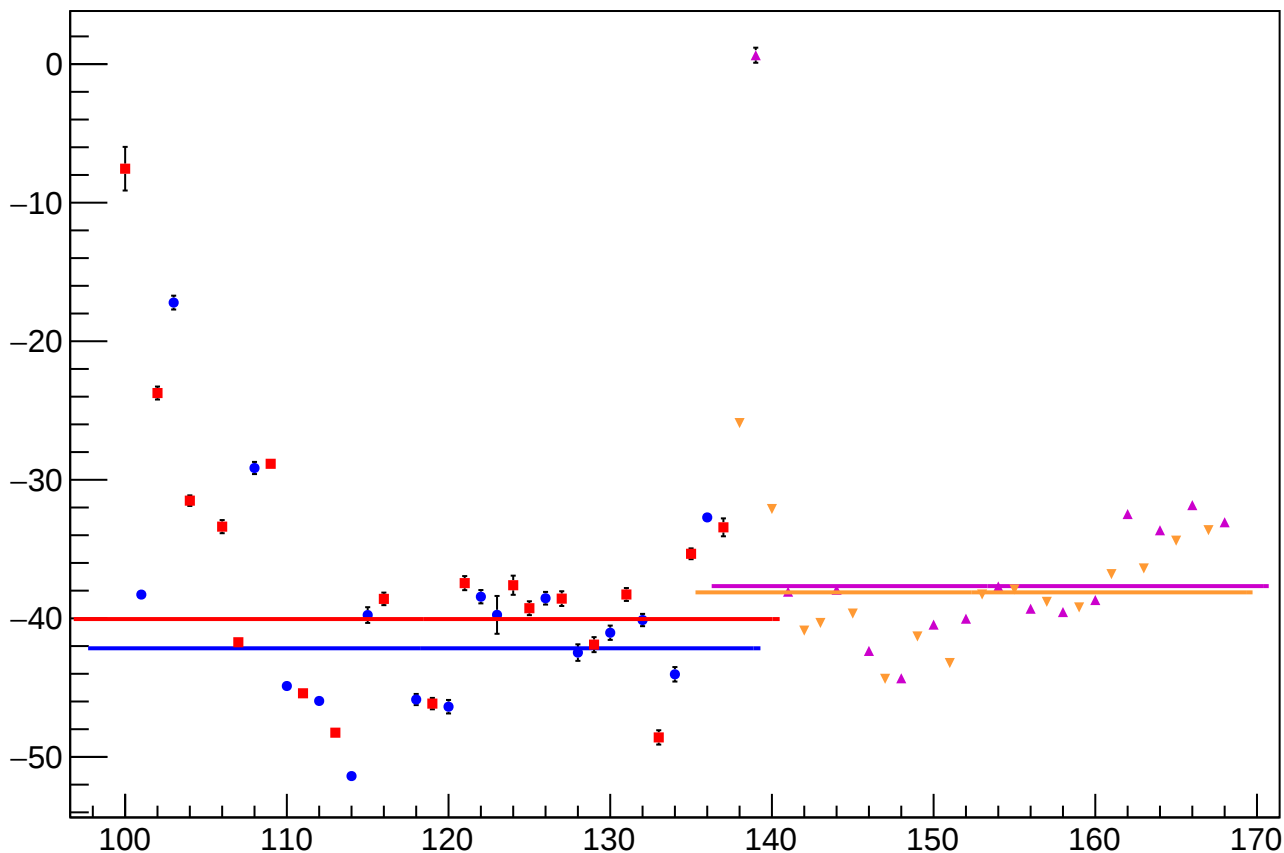
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.563 $\pm$ 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: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -37.672 ± 0.056 $\chi^2/\text{NDF}: 9511.4/14$

Left: -37.910 ± 0.038 $\chi^2/\text{NDF}: 16171.4/30$

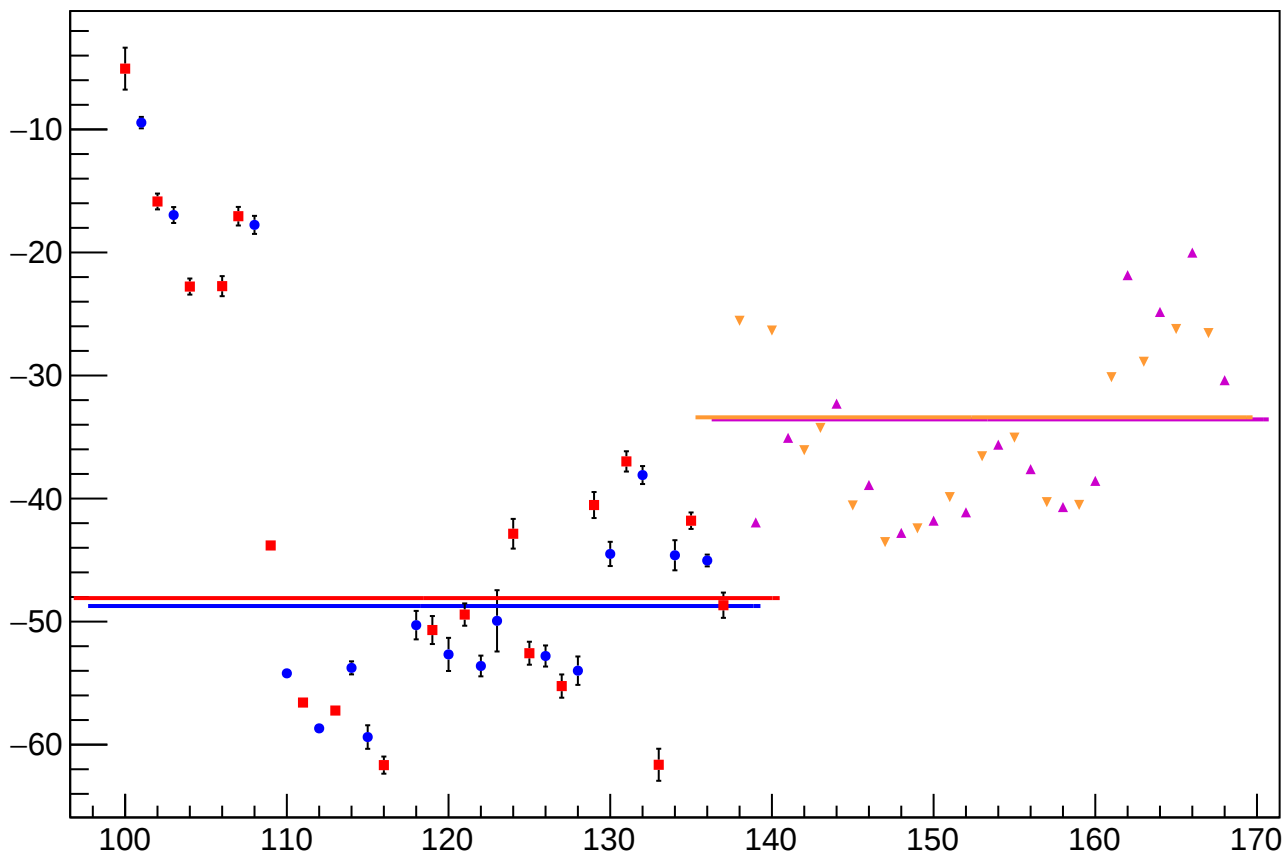
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -39.184 ± 0.045 $\chi^2/\text{NDF}: 18282.3/31$

Out: -38.787 ± 0.043 $\chi^2/\text{NDF}: 18395.9/34$

All: -38.974 ± 0.031 $\chi^2/\text{NDF}: 36718.9/66$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -33.398+/-0.073 χ^2/NDF : 7481.5/15

Right Out: -48.090+/-0.107 χ^2/NDF : 11731.5/18

Left In: -33.566+/-0.075 χ^2/NDF : 10445.4/14

Left: -33.480+/-0.052 χ^2/NDF : 17929.5/30

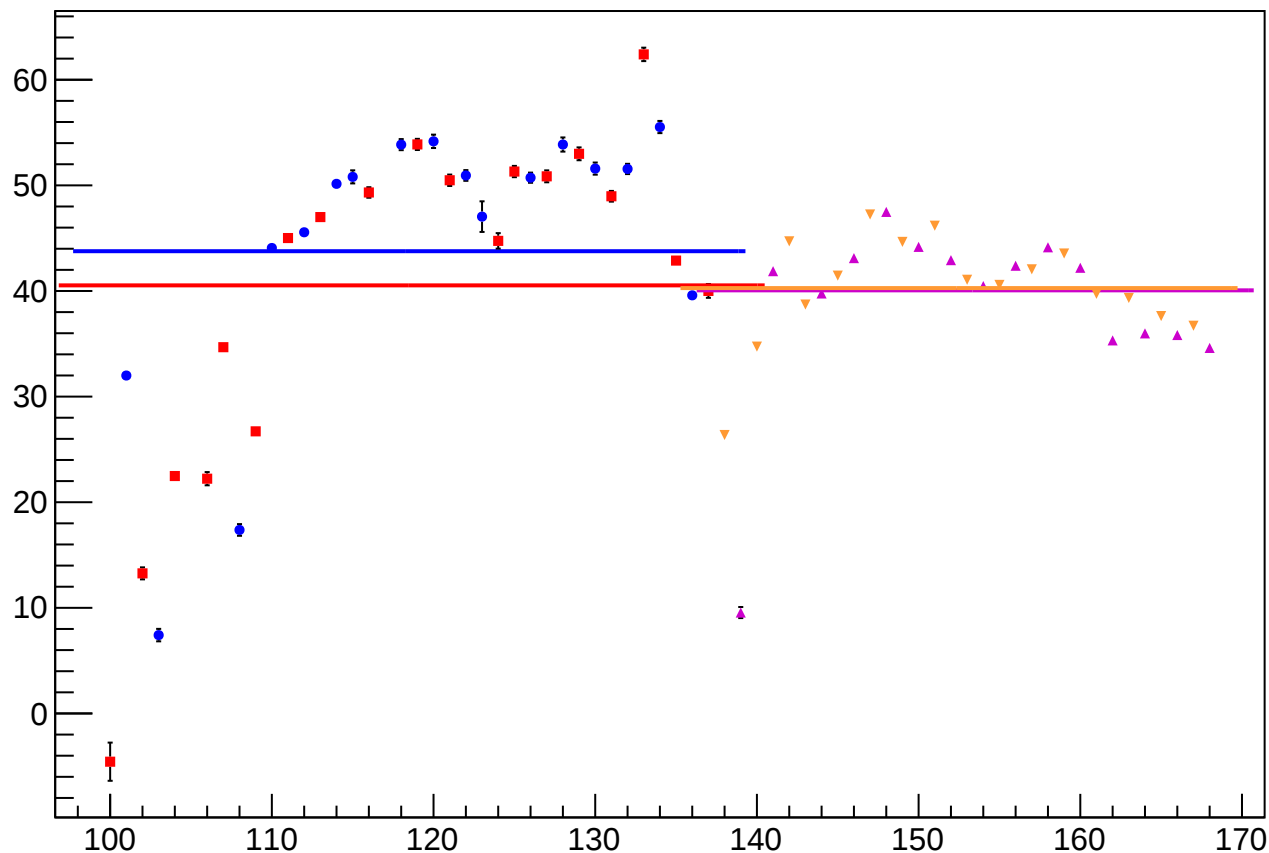
Right: -48.363+/-0.081 χ^2/NDF : 26406.2/35

In: -37.559+/-0.064 χ^2/NDF : 36006.7/31

Out: -38.050+/-0.060 χ^2/NDF : 32041.7/34

All: -37.819+/-0.044 χ^2/NDF : 68079.7/66

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 $\chi^2/\text{NDF}: 10633.5/16$

Left Out: 40.274 ± 0.061 $\chi^2/\text{NDF}: 5302.4/15$

Right Out: 40.531 ± 0.080 $\chi^2/\text{NDF}: 17580.8/18$

Left In: 40.061 ± 0.064 $\chi^2/\text{NDF}: 6928.8/14$

Left: 40.173 ± 0.044 $\chi^2/\text{NDF}: 12237.0/30$

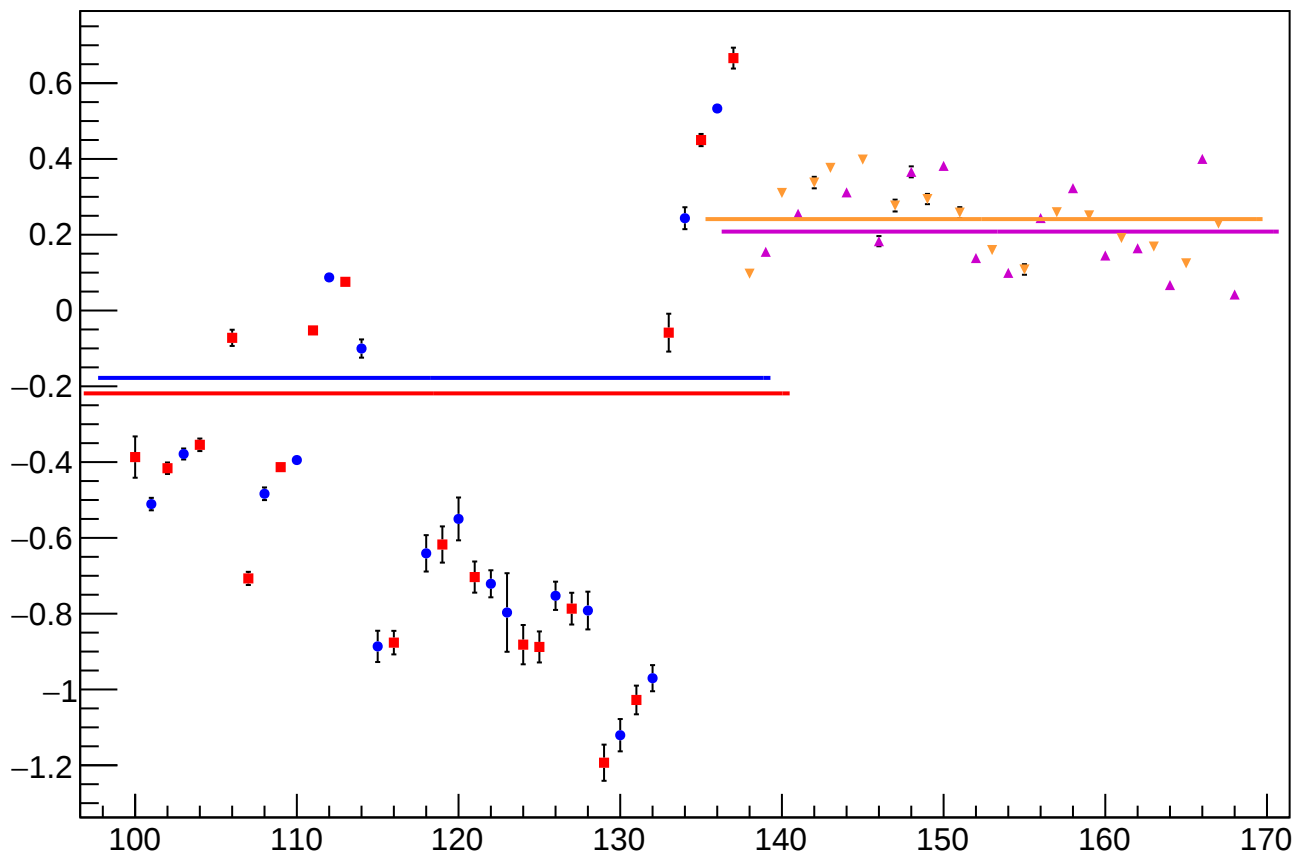
Right: 42.021 ± 0.059 $\chi^2/\text{NDF}: 28963.8/35$

In: 41.369 ± 0.052 $\chi^2/\text{NDF}: 18741.5/31$

Out: 40.369 ± 0.049 $\chi^2/\text{NDF}: 22889.7/34$

All: 40.839 ± 0.035 $\chi^2/\text{NDF}: 41830.2/66$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.241 ± 0.003 χ^2/NDF : 958.4/15

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.208 ± 0.003 χ^2/NDF : 1436.0/14

Left: 0.225 ± 0.002 χ^2/NDF : 2458.3/30

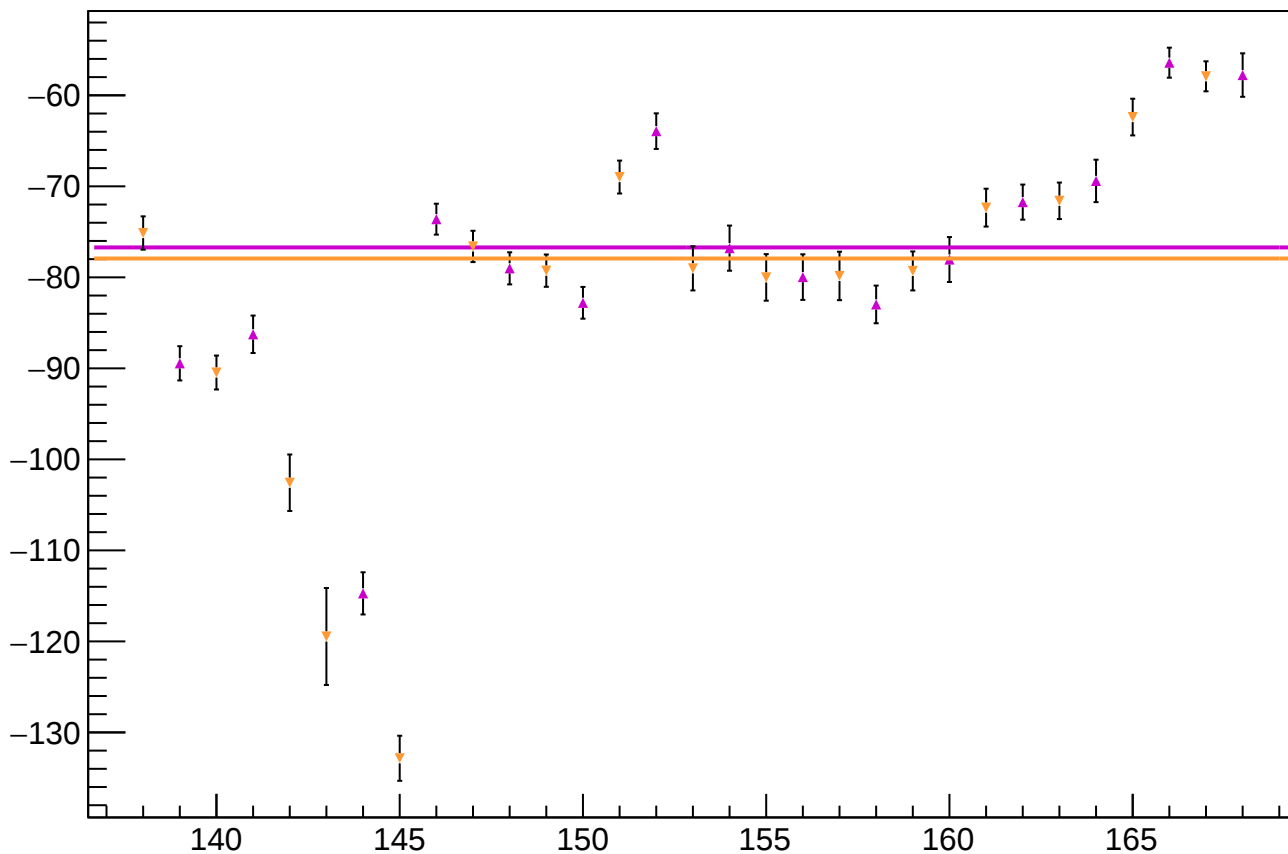
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.104 ± 0.003 χ^2/NDF : 13433.5/31

Out: 0.098 ± 0.002 χ^2/NDF : 16303.3/34

All: 0.101 ± 0.002 χ^2/NDF : 29739.3/66

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



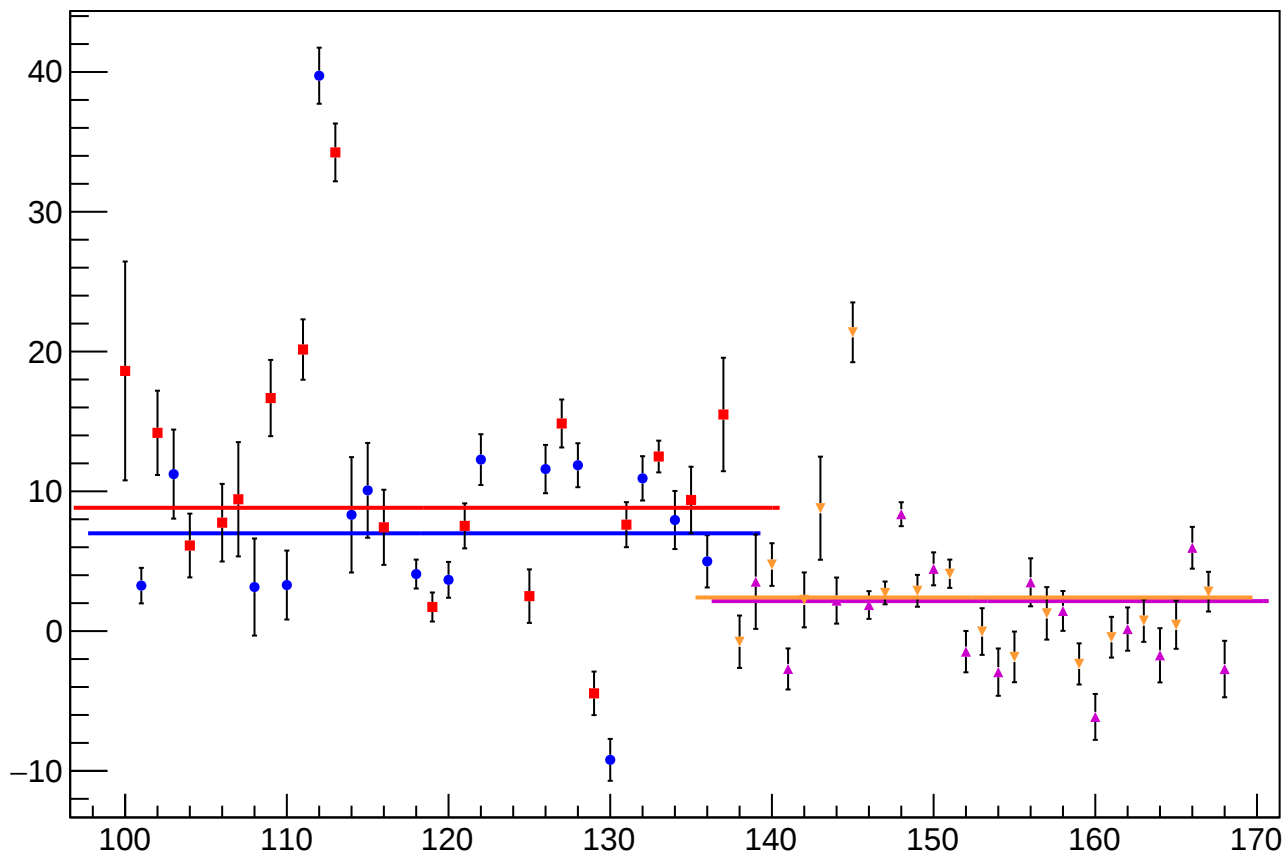
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -77.929+/-0.525 χ^2/NDF : 915.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -76.714+/-0.521 χ^2/NDF : 638.0/14

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: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 2.146 ± 0.367 $\chi^2/\text{NDF}: 127.1/14$

Left: 2.277 ± 0.258 $\chi^2/\text{NDF}: 242.1/30$

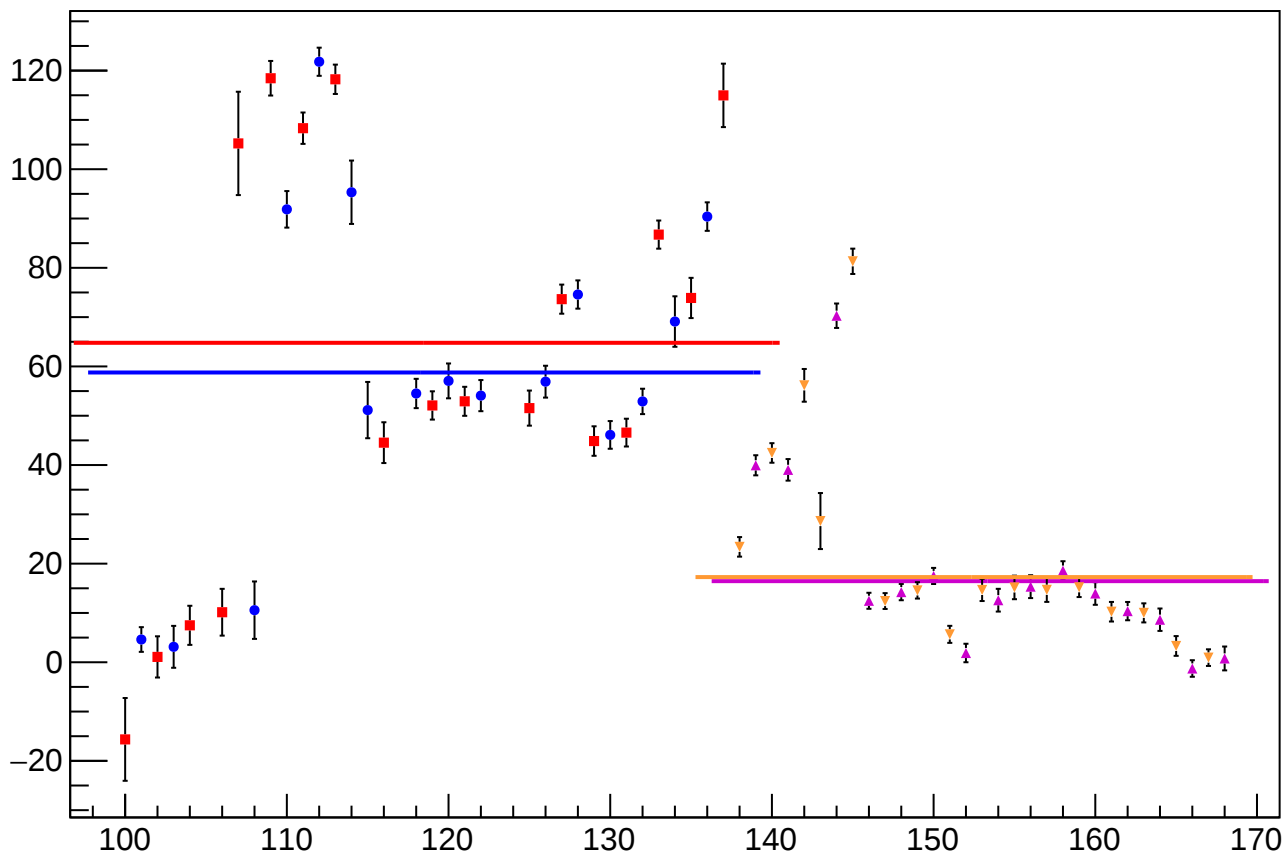
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.170 ± 0.280 $\chi^2/\text{NDF}: 645.1/30$

Out: 4.929 ± 0.281 $\chi^2/\text{NDF}: 589.3/33$

All: 4.548 ± 0.199 $\chi^2/\text{NDF}: 1238.1/64$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 17.274 $\pm$ 0.514 χ^2 /NDF:1163.6/15

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 16.450 $\pm$ 0.509 χ^2 /NDF:961.1/14

Left: 16.858 $\pm$ 0.362 χ^2 /NDF: 2126.0/30

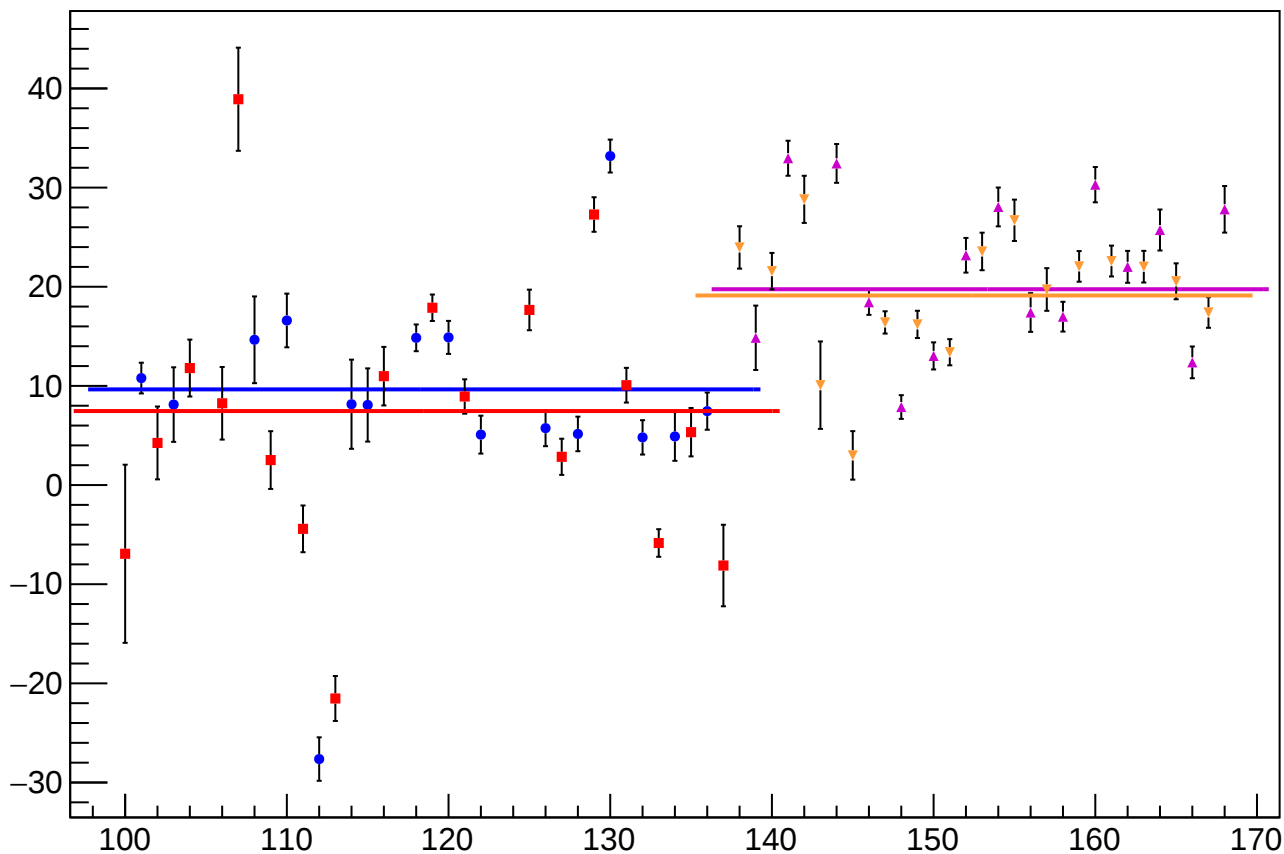
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 27.948 $\pm$ 0.434 χ^2 /NDF:4334.7/30

Out: 30.215 $\pm$ 0.439 χ^2 /NDF:5207.5/33

All: 29.070 $\pm$ 0.309 χ^2 /NDF: 9555.7/64

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 19.118 ± 0.427 χ^2/NDF : 132.9/15

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 19.750 ± 0.433 χ^2/NDF : 329.3/14

Left: 19.430 ± 0.304 χ^2/NDF : 463.3/30

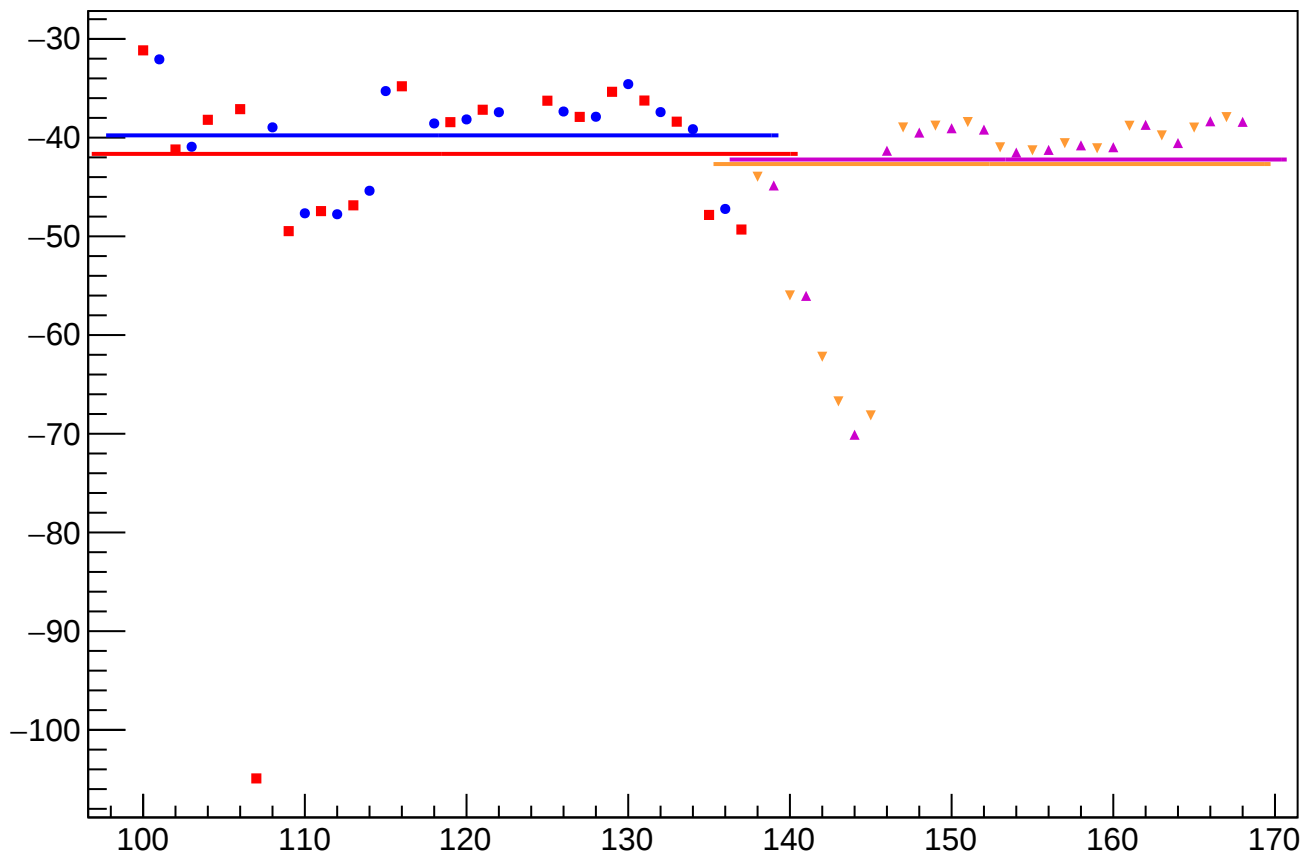
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 15.440 ± 0.328 χ^2/NDF : 1115.0/30

Out: 14.373 ± 0.329 χ^2/NDF : 1002.7/33

All: 14.908 ± 0.232 χ^2/NDF : 2123.0/64

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -42.677 ± 0.021 χ^2/NDF : 140470.4/15

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -42.217 ± 0.020 χ^2/NDF : 104749.8/14

Left: -42.444 ± 0.014 χ^2/NDF : 245474.0/30

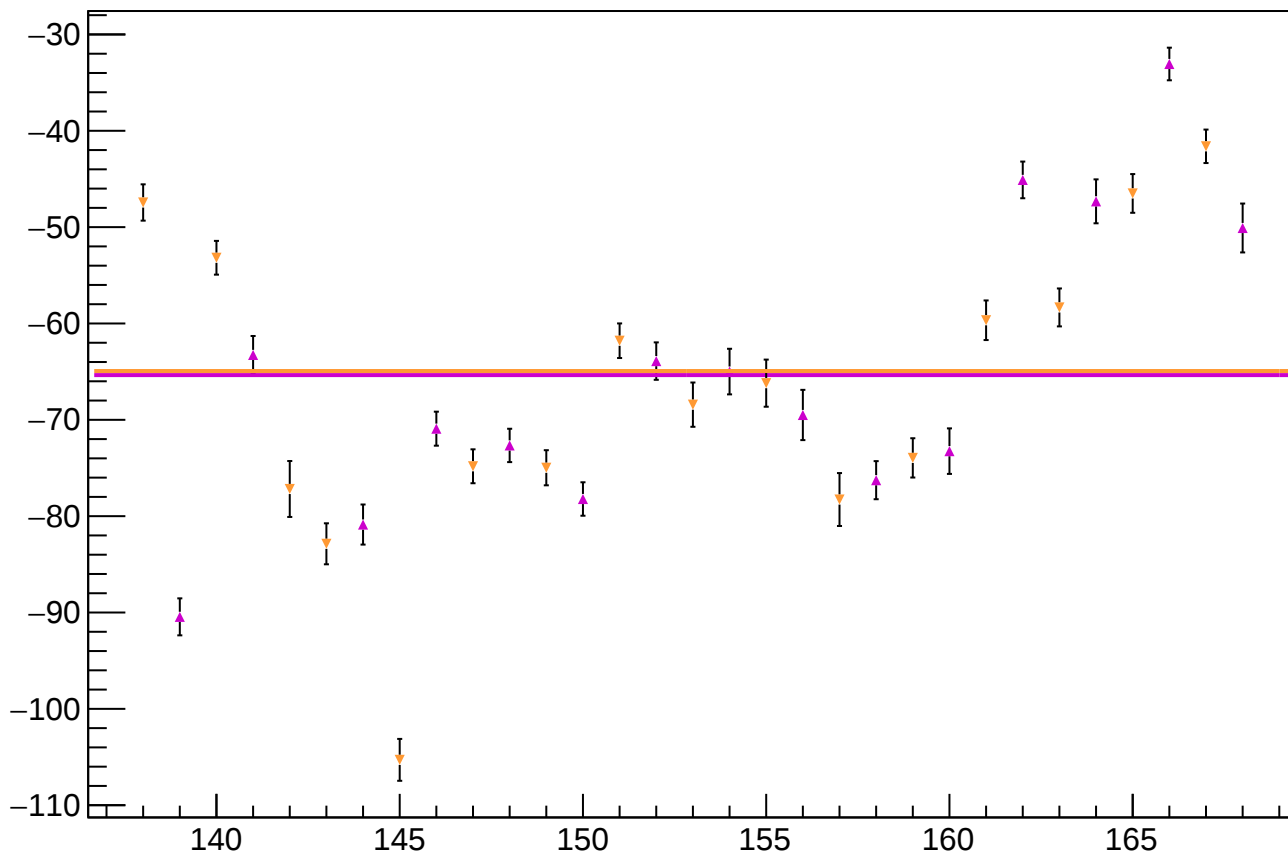
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -41.490 ± 0.017 χ^2/NDF : 135271.1/30

Out: -42.366 ± 0.017 χ^2/NDF : 235744.9/33

All: -41.923 ± 0.012 χ^2/NDF : 372335.0/64

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -64.935+/-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

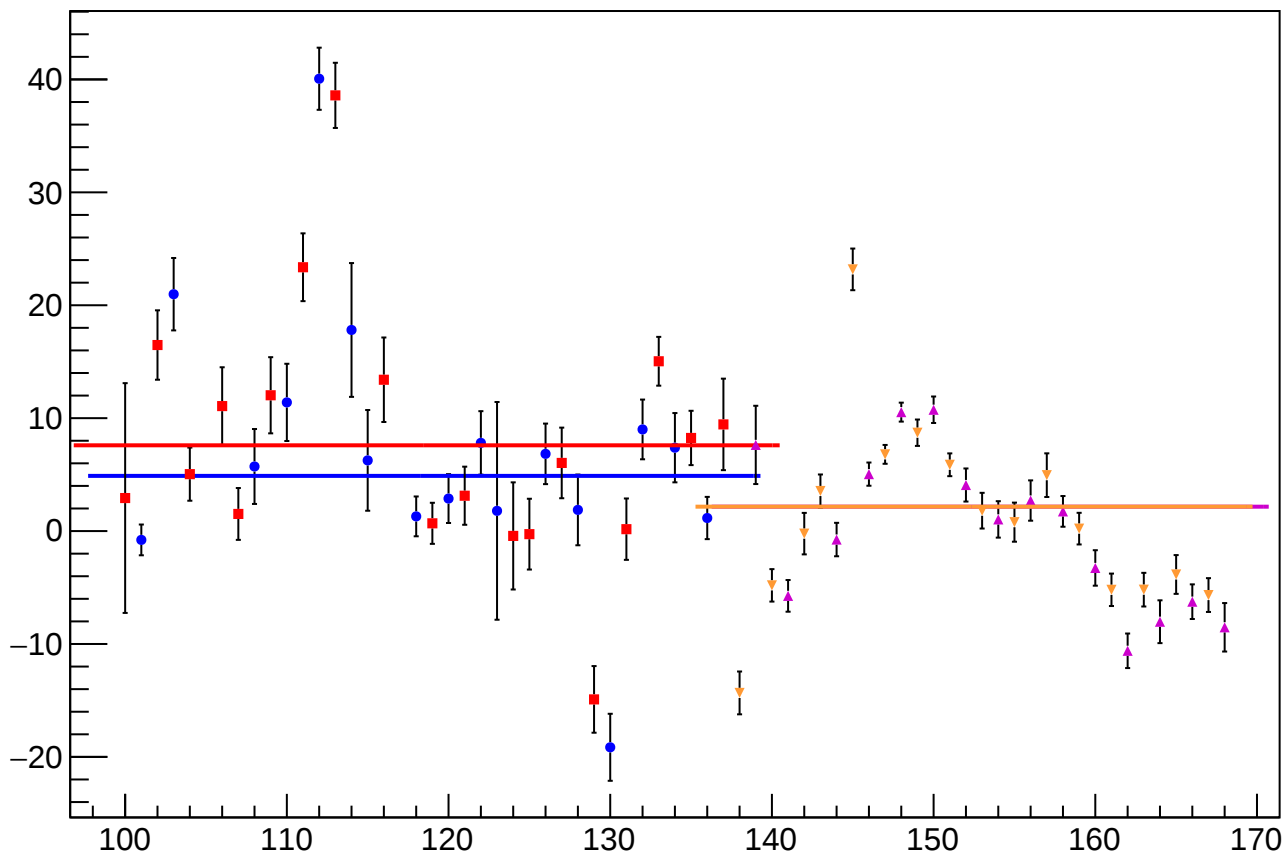
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 294.7/16

Left Out: 2.161 ± 0.349 χ^2/NDF : 402.2/15

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 2.160 ± 0.363 χ^2/NDF : 366.7/14

Left: 2.161 ± 0.252 χ^2/NDF : 768.9/30

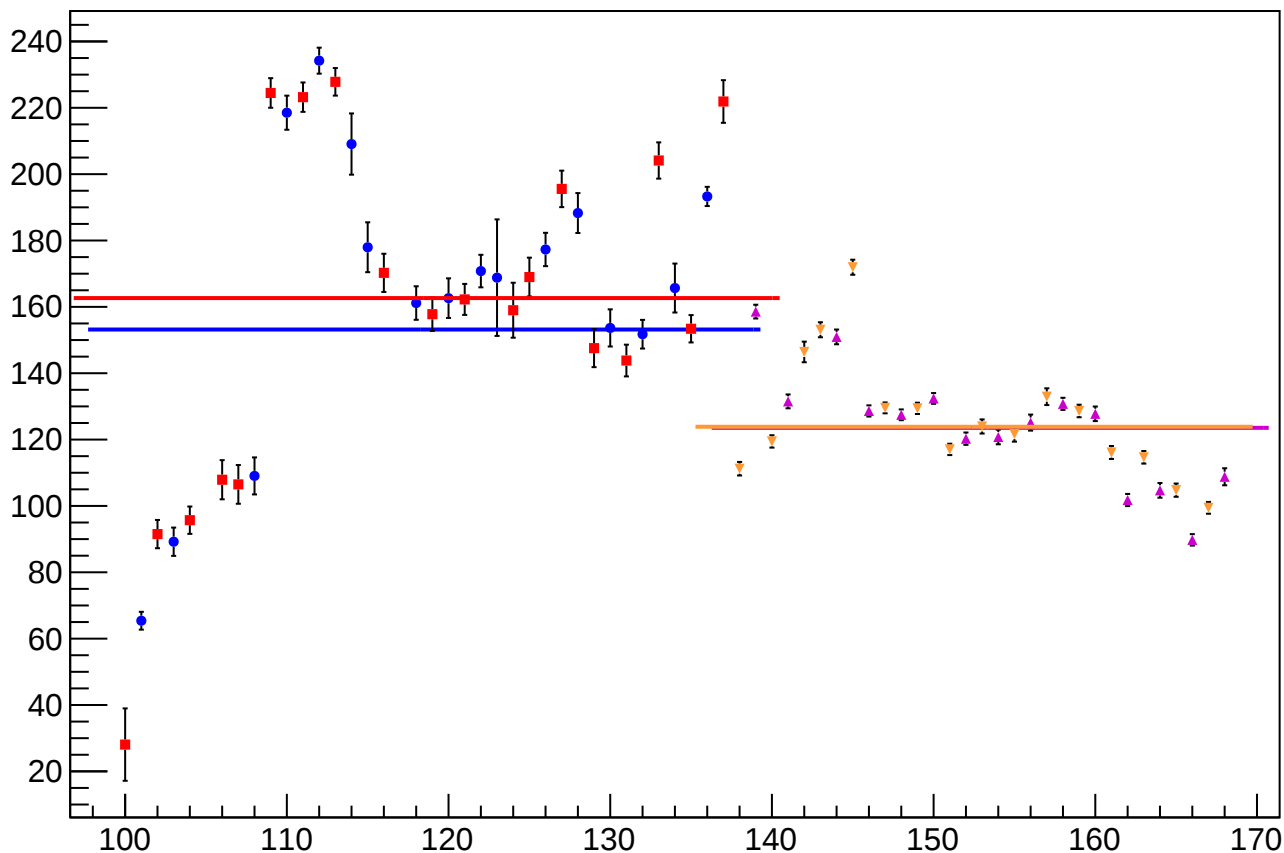
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 2.853 ± 0.313 χ^2/NDF : 675.8/31

Out: 3.376 ± 0.308 χ^2/NDF : 725.7/34

All: 3.119 ± 0.220 χ^2/NDF : 1402.9/66

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 123.865 $\pm$ 0.498 χ^2 /NDF:1089.5/15

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 123.542 $\pm$ 0.504 χ^2 /NDF:1149.2/14

Left: 123.705 $\pm$ 0.354 χ^2 /NDF: 2238.9/30

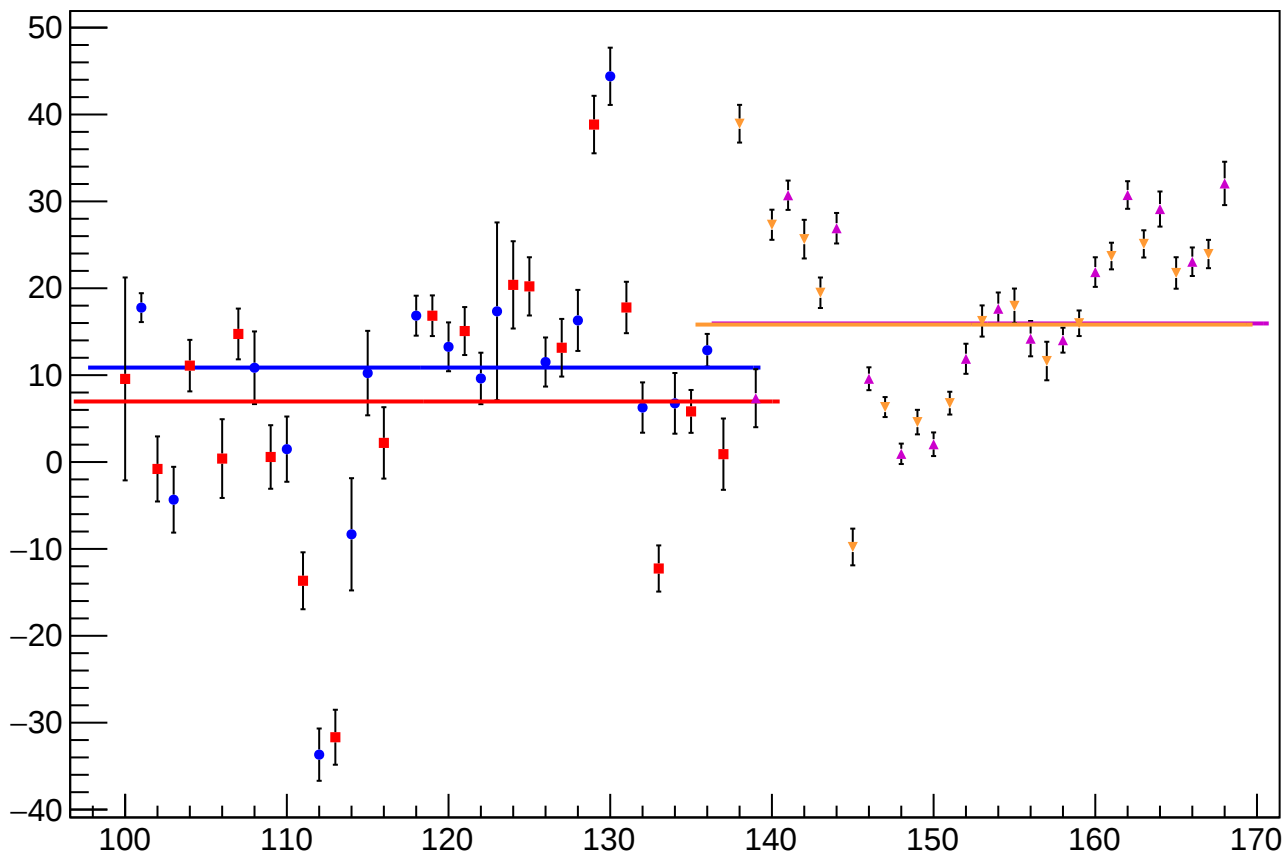
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 128.342 $\pm$ 0.461 χ^2 /NDF:3973.4/31

Out: 129.768 $\pm$ 0.459 χ^2 /NDF:3719.9/34

All: 129.059 $\pm$ 0.325 χ^2 /NDF: 7698.0/66

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 15.821 $\pm$ 0.413 χ^2 /NDF:608.9/15

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 15.950 $\pm$ 0.427 χ^2 /NDF:623.6/14

Left: 15.883 $\pm$ 0.297 χ^2 /NDF: 1232.6/30

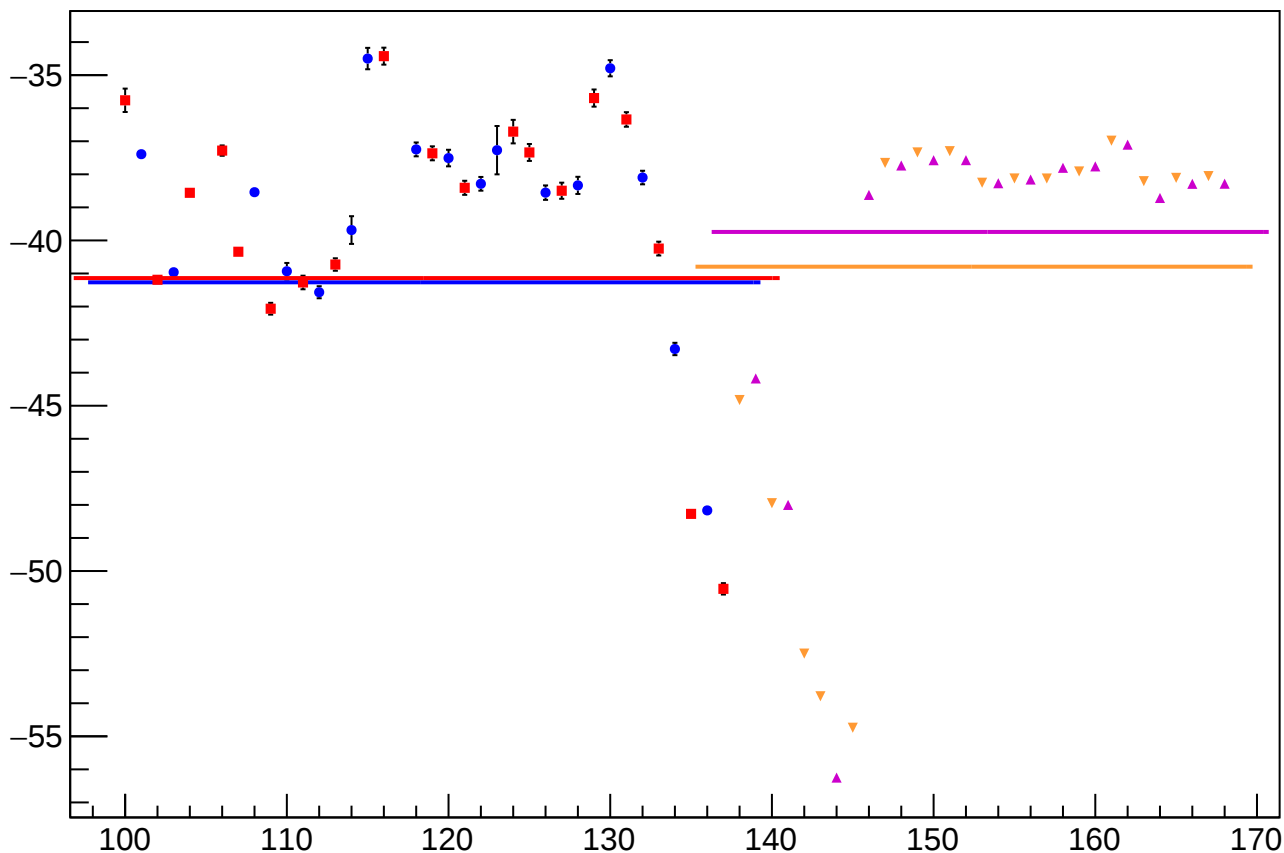
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.611 $\pm$ 0.367 χ^2 /NDF:1047.5/31

Out: 13.754 $\pm$ 0.361 χ^2 /NDF:1138.7/34

All: 14.176 $\pm$ 0.257 χ^2 /NDF: 2189.0/66

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: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

Left In: -39.743 ± 0.020 χ^2/NDF : 49100.0/14

Left: -40.274 ± 0.014 χ^2/NDF : 131338.1/30

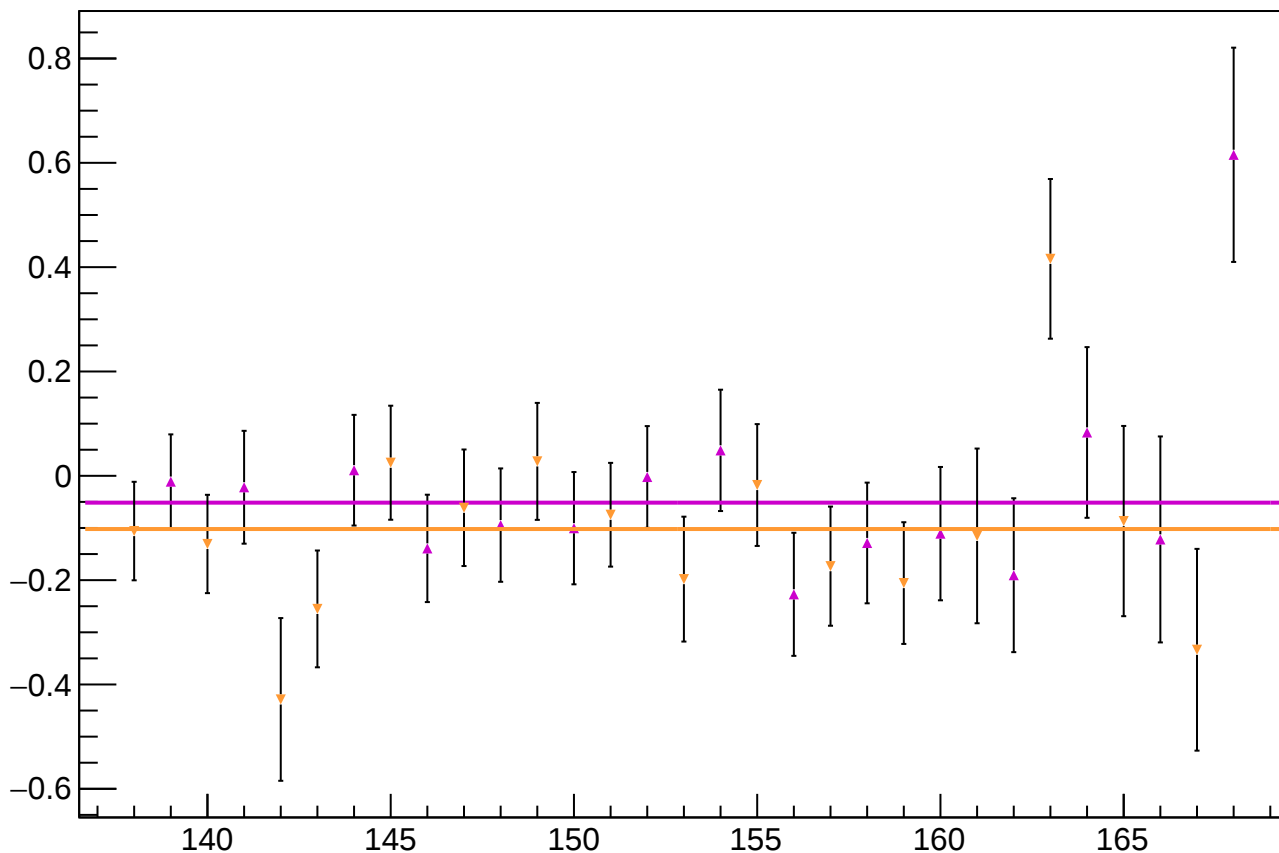
Right: -41.203 ± 0.027 χ^2/NDF : 24829.7/35

In: -40.068 ± 0.018 χ^2/NDF : 62912.8/31

Out: -40.866 ± 0.018 χ^2/NDF : 93157.9/34

All: -40.470 ± 0.013 χ^2/NDF : 157084.0/66

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.102 $\pm$ 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

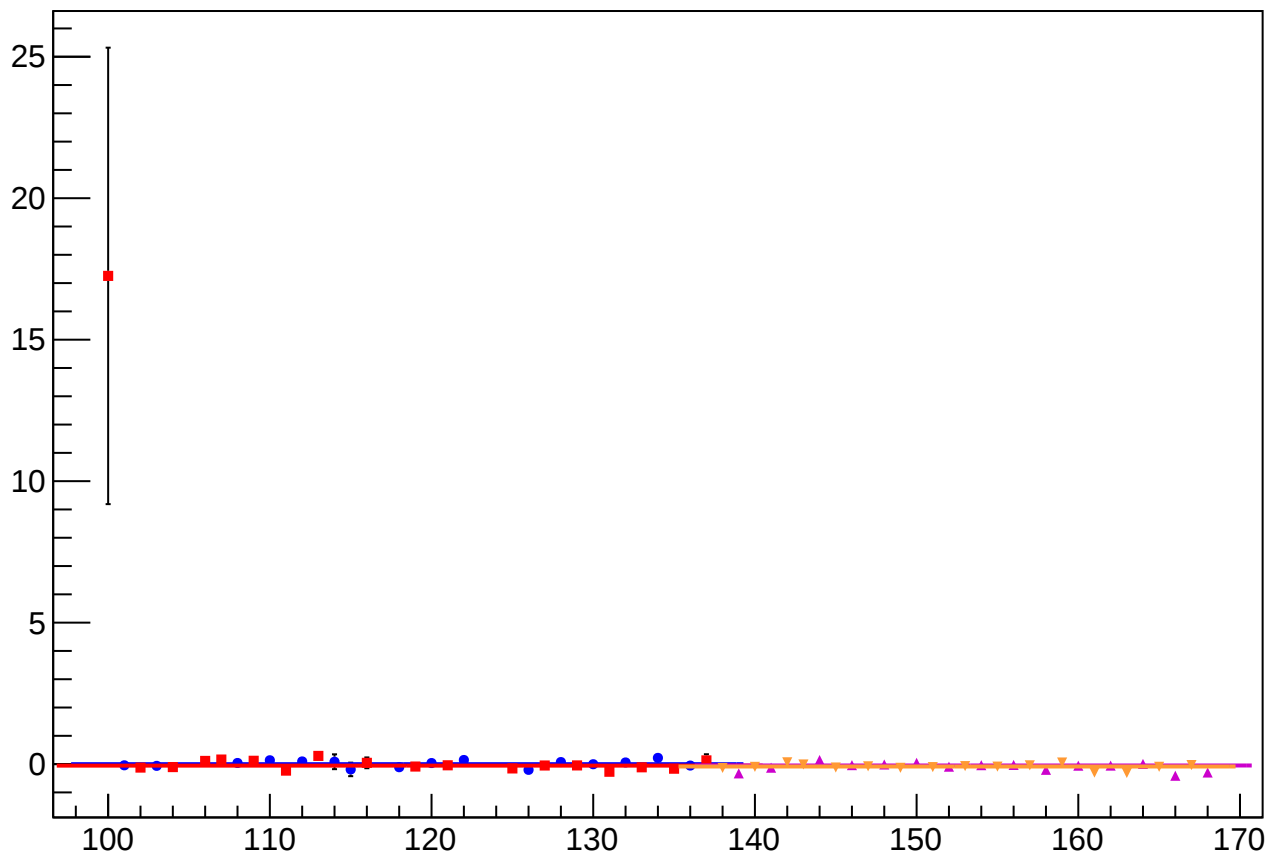
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.049 ± 0.021 χ^2/NDF : 22.9/14

Left: -0.067 ± 0.015 χ^2/NDF : 39.0/30

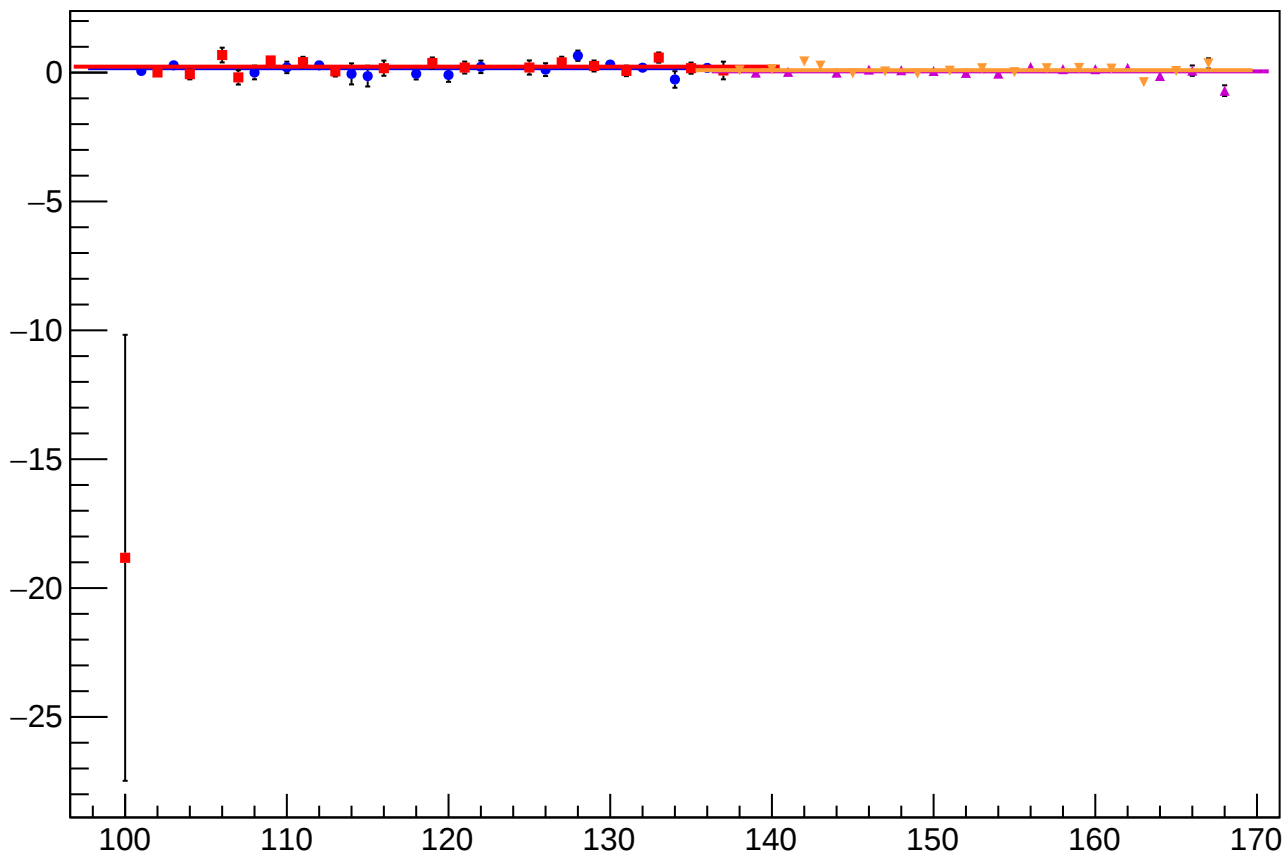
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.031 ± 0.017 χ^2/NDF : 36.7/30

Out: -0.074 ± 0.017 χ^2/NDF : 41.0/33

All: -0.053 ± 0.012 χ^2/NDF : 80.8/64

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: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.047 $\pm$ 0.030 χ^2 /NDF:21.0/14

Left: 0.070 $\pm$ 0.021 χ^2 /NDF: 45.7/30

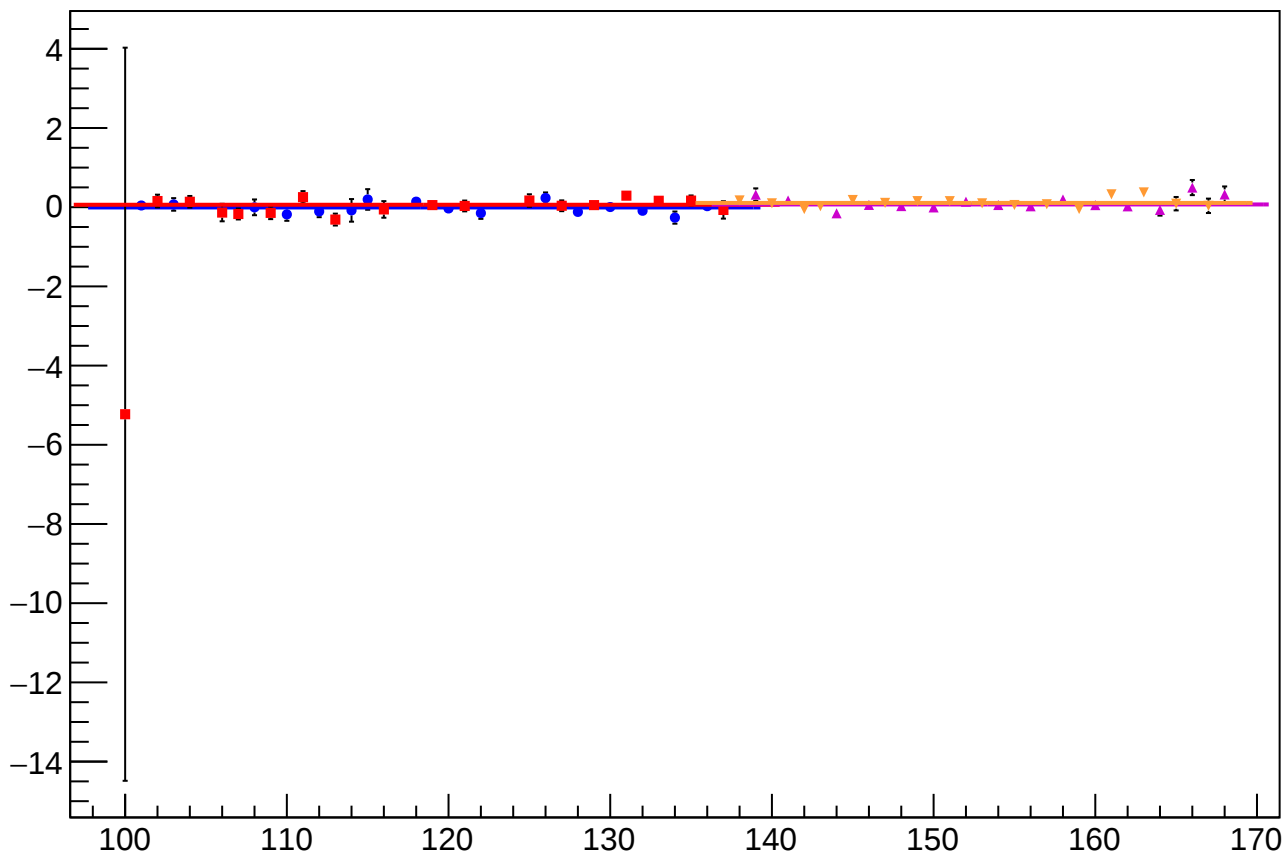
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.077 $\pm$ 0.026 χ^2 /NDF:38.3/30

Out: 0.124 $\pm$ 0.026 χ^2 /NDF:50.1/33

All: 0.100 $\pm$ 0.018 χ^2 /NDF: 90.1/64

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.108 ± 0.025 χ^2/NDF : 15.5/15

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.069 ± 0.025 χ^2/NDF : 21.7/14

Left: 0.089 ± 0.018 χ^2/NDF : 38.4/30

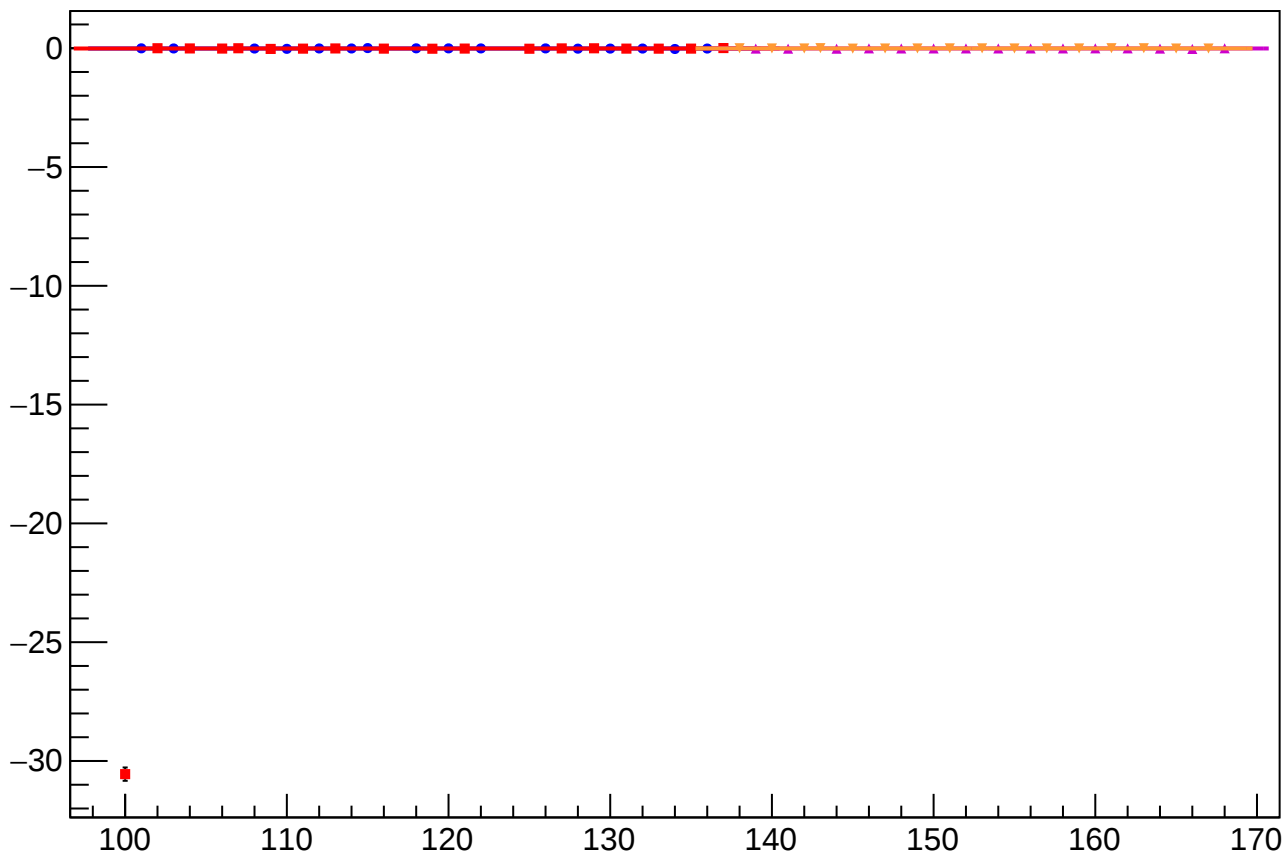
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.041 ± 0.020 χ^2/NDF : 38.3/30

Out: 0.092 ± 0.020 χ^2/NDF : 37.1/33

All: 0.066 ± 0.014 χ^2/NDF : 78.7/64

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:17.3/15

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF:18.0/14

Left: -0.009 $\pm$ 0.001 χ^2 /NDF: 39.2/30

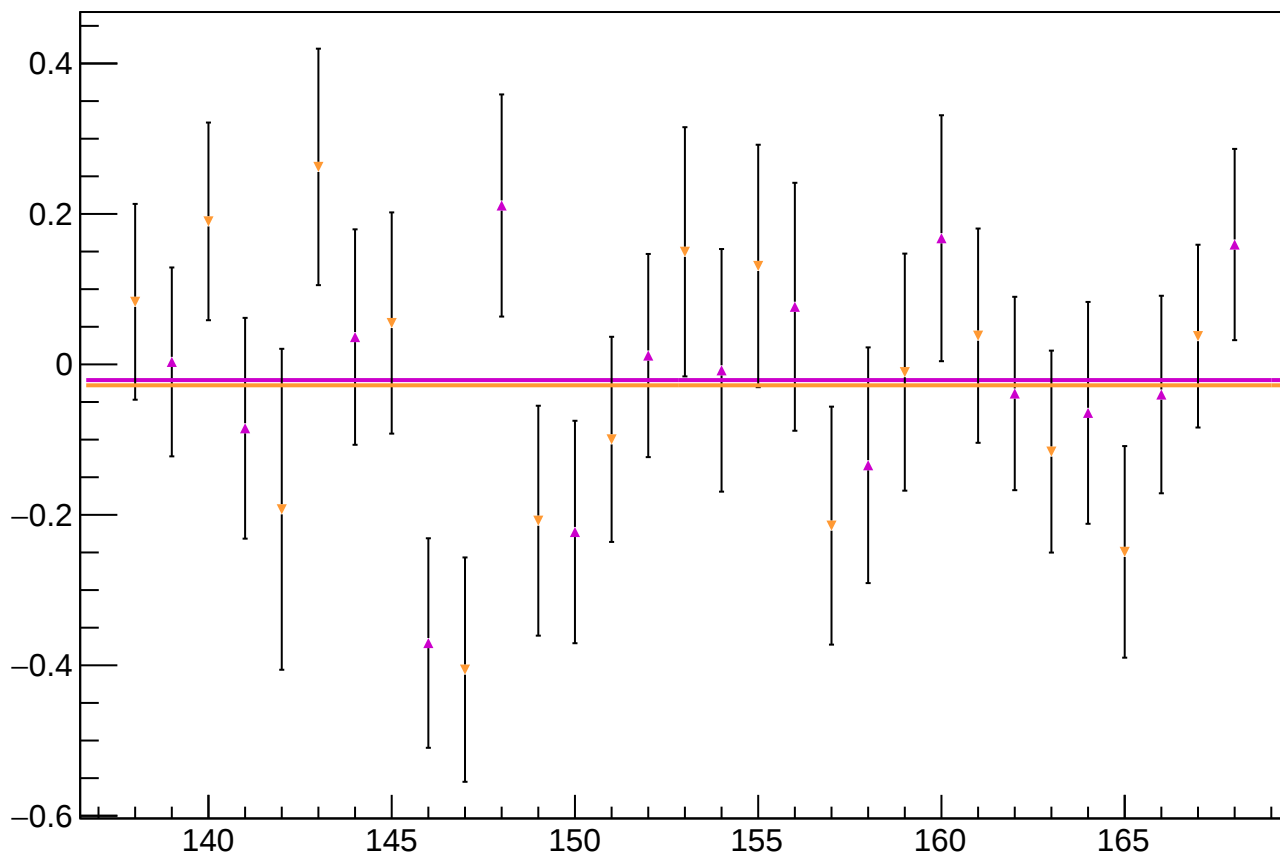
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.011 $\pm$ 0.001 χ^2 /NDF:31.0/30

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11911.9/33

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 11945.5/64

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.028 $\pm$ 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

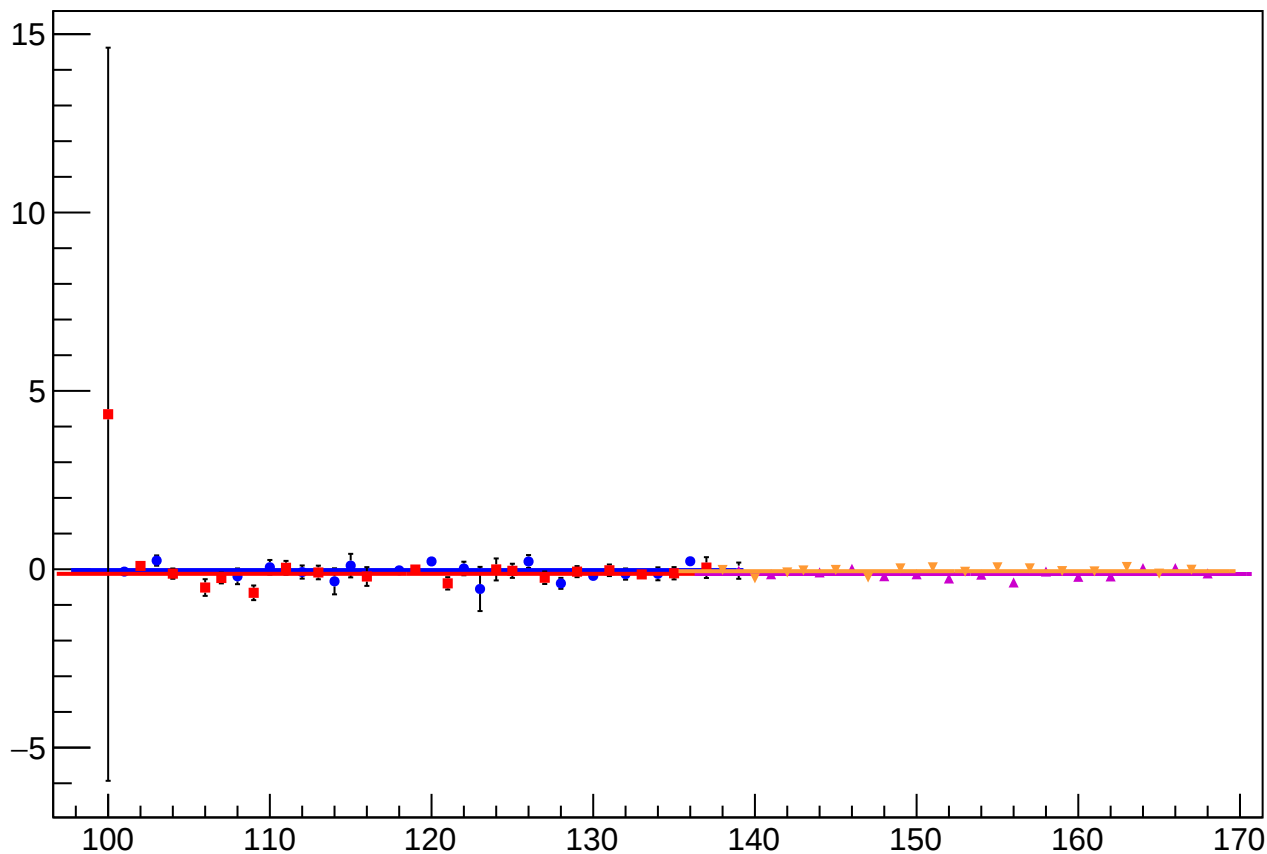
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 : 18.8/18

Left In: -0.133 ± 0.027 χ^2/NDF : 15.3/14

Left: -0.093 ± 0.019 χ^2/NDF : 35.4/30

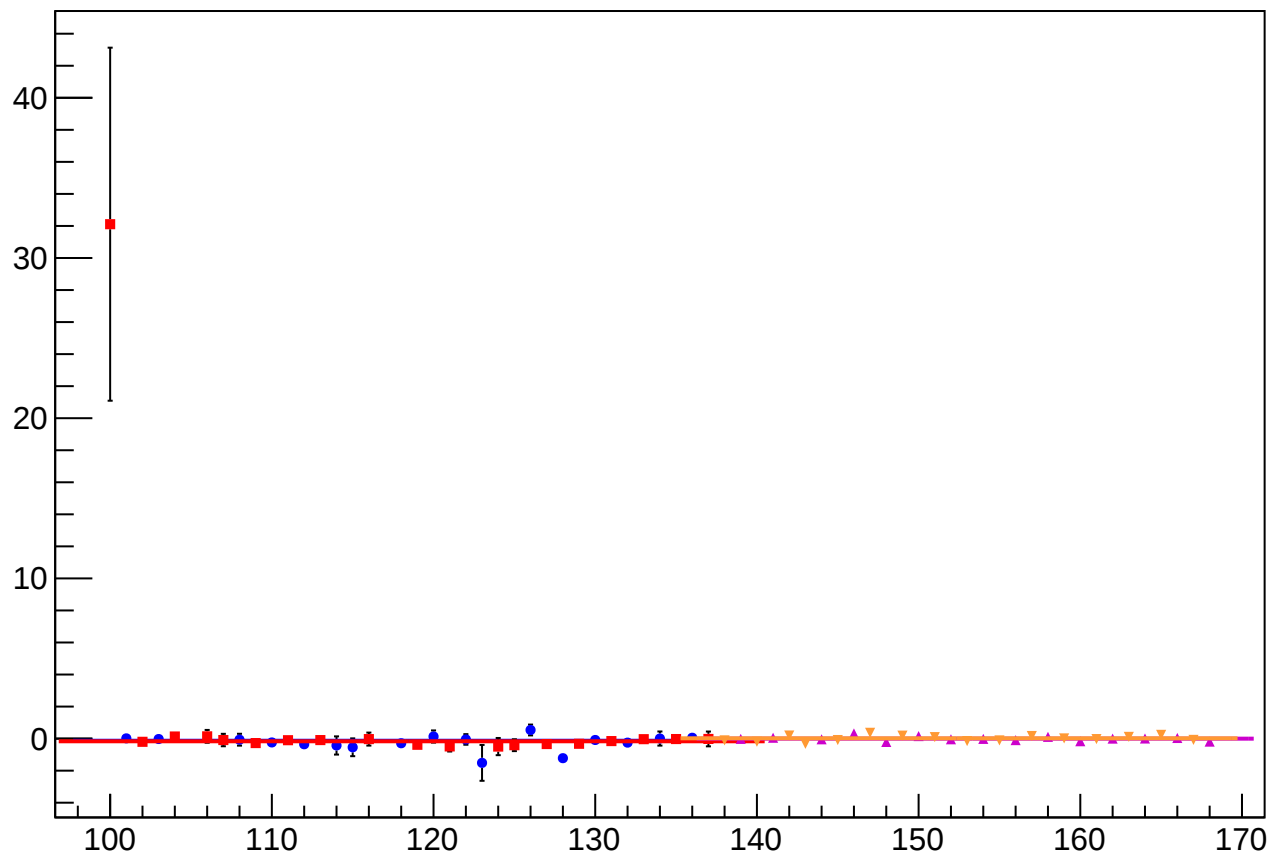
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.095 ± 0.022 χ^2/NDF : 43.6/31

Out: -0.077 ± 0.022 χ^2/NDF : 37.0/34

All: -0.086 ± 0.015 χ^2/NDF : 80.9/66

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: 0.019 ± 0.036 $\chi^2/\text{NDF}: 22.8/15$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: -0.003 ± 0.036 $\chi^2/\text{NDF}: 14.1/14$

Left: 0.008 ± 0.026 $\chi^2/\text{NDF}: 37.1/30$

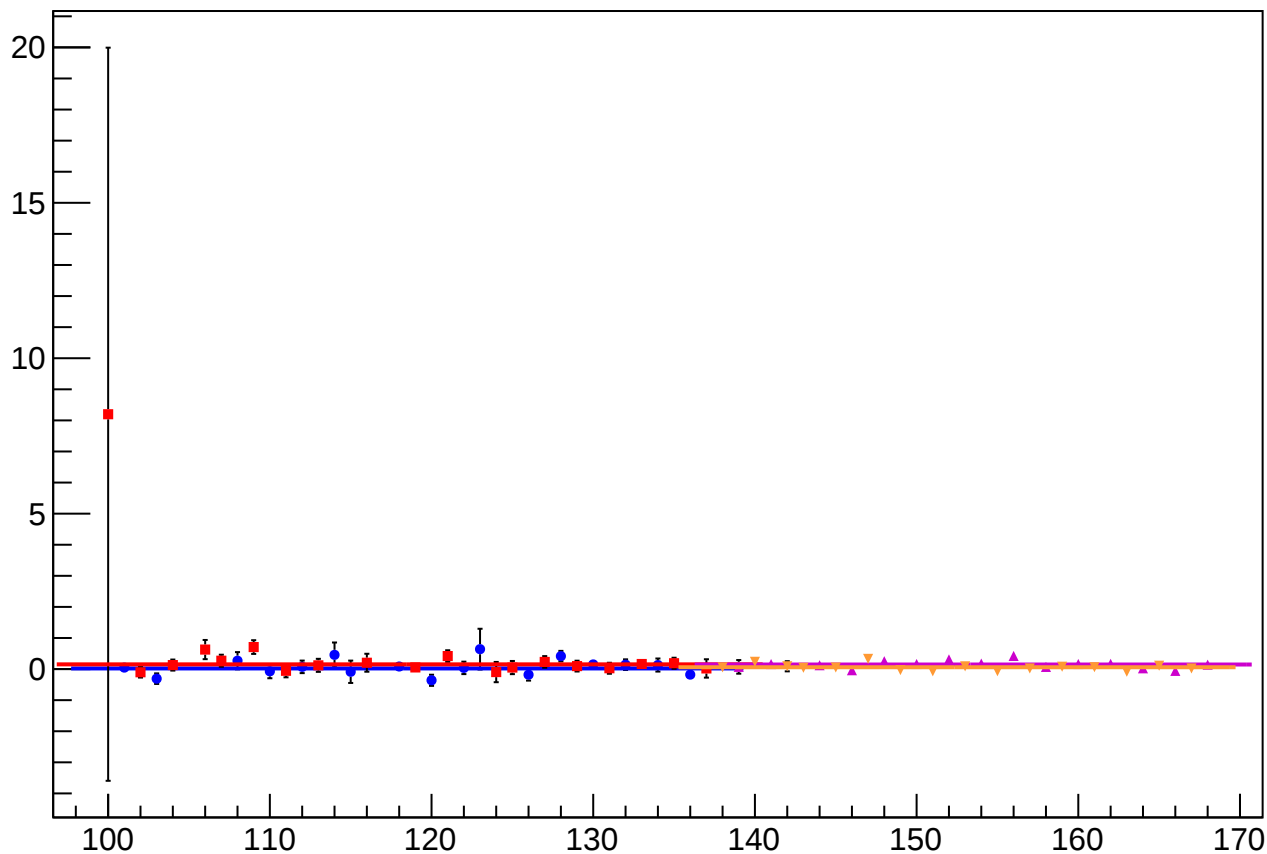
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.032 ± 0.032 $\chi^2/\text{NDF}: 42.8/31$

Out: -0.019 ± 0.032 $\chi^2/\text{NDF}: 43.0/34$

All: -0.026 ± 0.023 $\chi^2/\text{NDF}: 85.8/66$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2/NDF : 21.8/16

Left Out: 0.059 $\pm$ 0.030 χ^2/NDF :14.9/15

Right Out: 0.152 $\pm$ 0.045 χ^2/NDF : 17.3/18

Left In: 0.147 $\pm$ 0.031 χ^2/NDF :14.9/14

Left: 0.102 $\pm$ 0.022 χ^2/NDF : 33.8/30

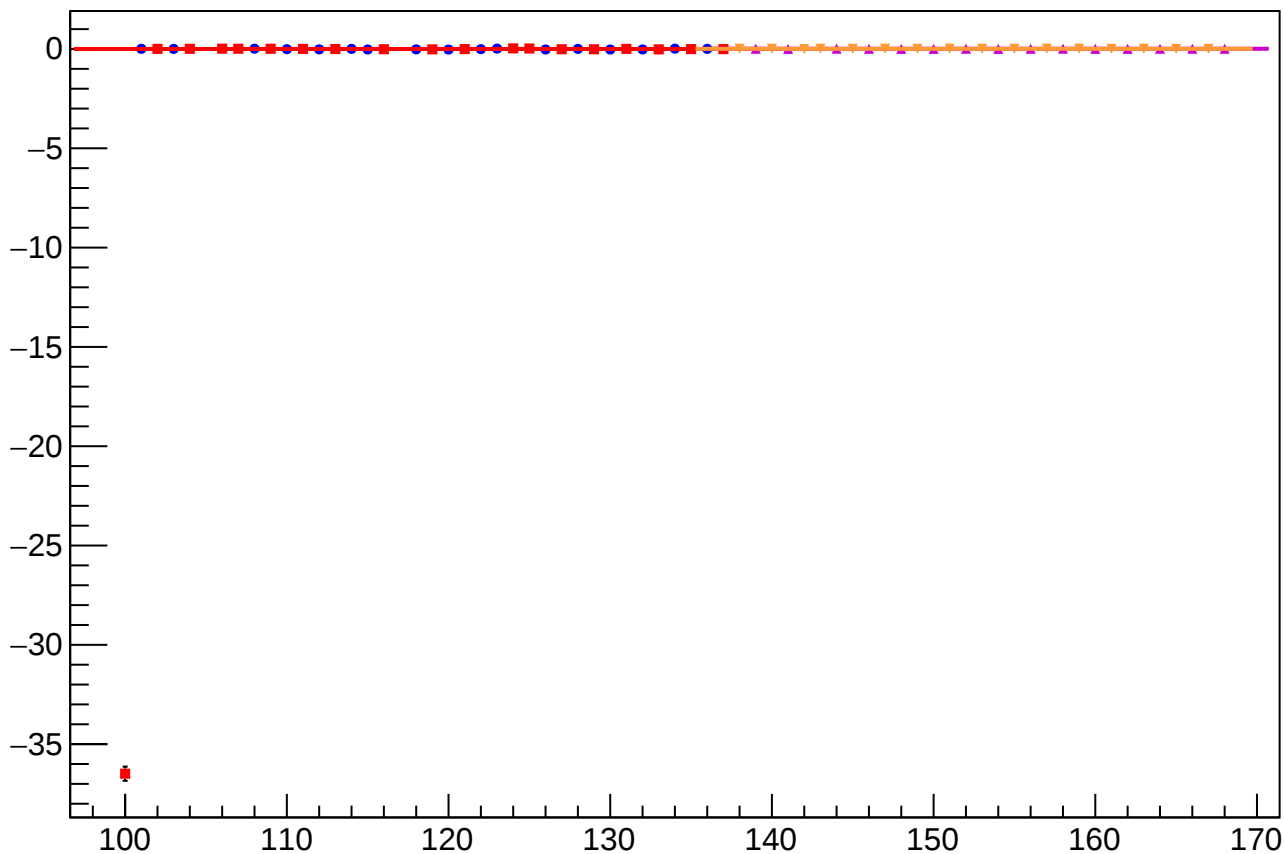
Right: 0.081 $\pm$ 0.031 χ^2/NDF : 43.6/35

In: 0.102 $\pm$ 0.025 χ^2/NDF :42.5/31

Out: 0.088 $\pm$ 0.025 χ^2/NDF :35.1/34

All: 0.095 $\pm$ 0.018 χ^2/NDF : 77.7/66

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF:9.6/15

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:6.0/14

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 16.3/30

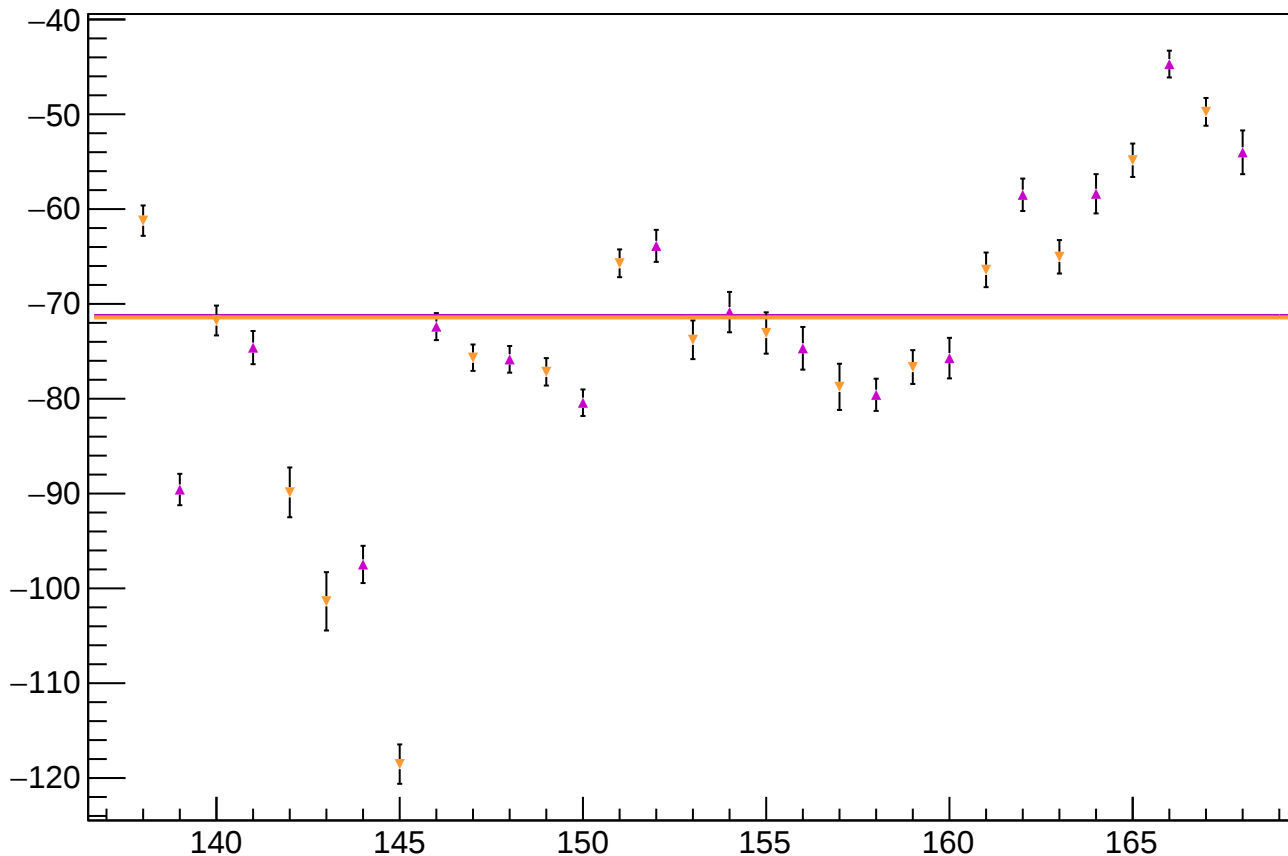
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF:53.3/31

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:10469.8/34

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10523.6/66

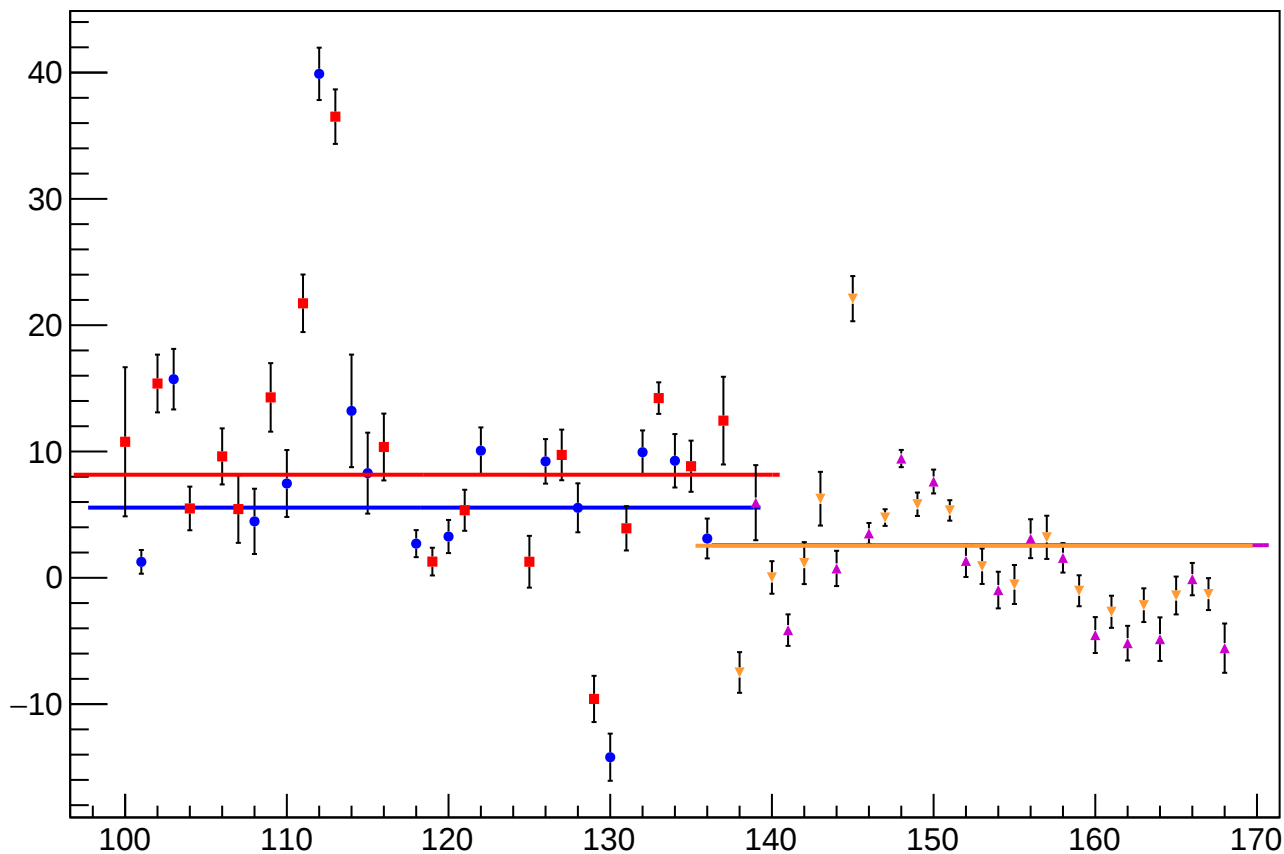
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -71.425+/-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 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.538 ± 0.301 $\chi^2/\text{NDF}: 261.2/15$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.582 ± 0.309 $\chi^2/\text{NDF}: 268.2/14$

Left: 2.559 ± 0.215 $\chi^2/\text{NDF}: 529.4/30$

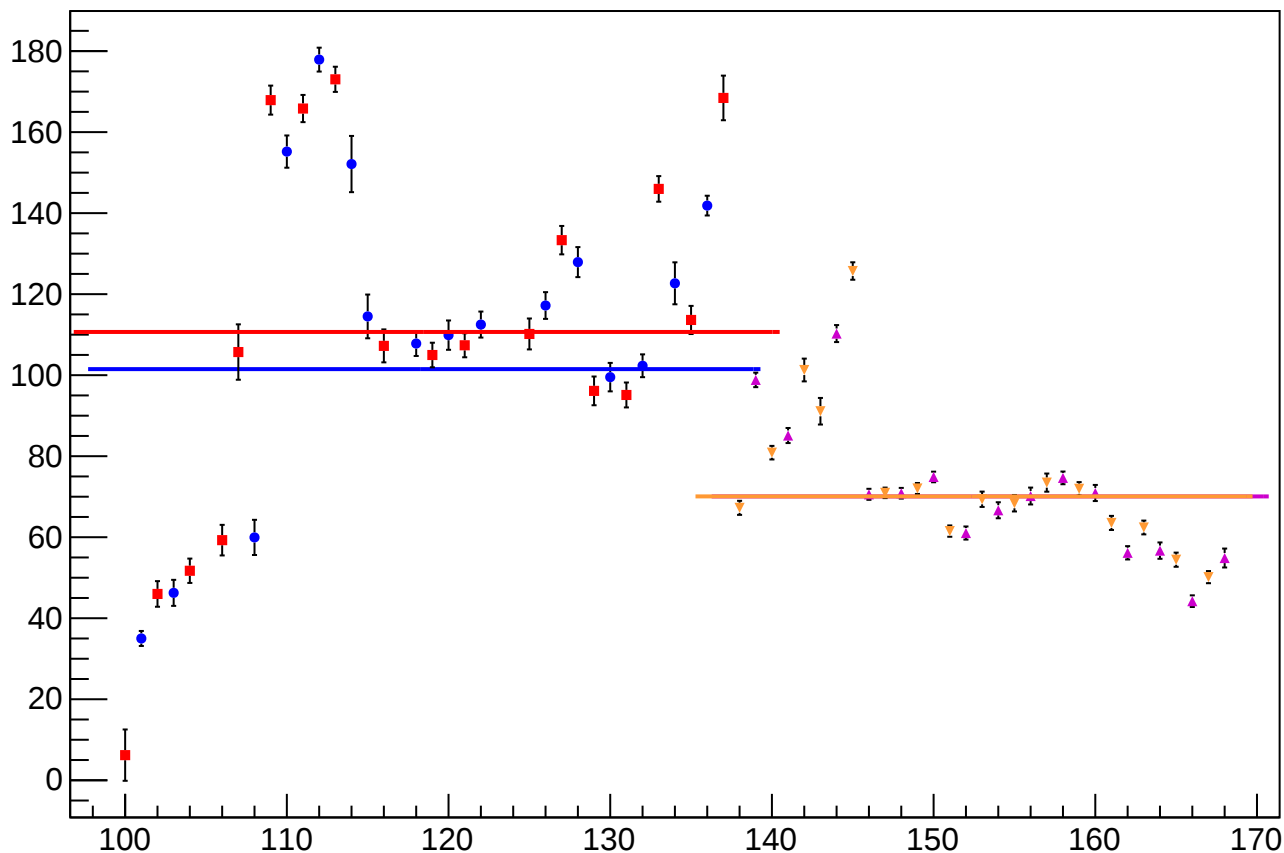
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.613 ± 0.250 $\chi^2/\text{NDF}: 762.4/30$

Out: 4.258 ± 0.251 $\chi^2/\text{NDF}: 775.1/33$

All: 3.934 ± 0.177 $\chi^2/\text{NDF}: 1540.8/64$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 70.076 $\pm$ 0.434 χ^2 /NDF:1210.6/15

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 70.069 $\pm$ 0.433 χ^2 /NDF:1227.2/14

Left: 70.073 $\pm$ 0.307 χ^2 /NDF: 2437.8/30

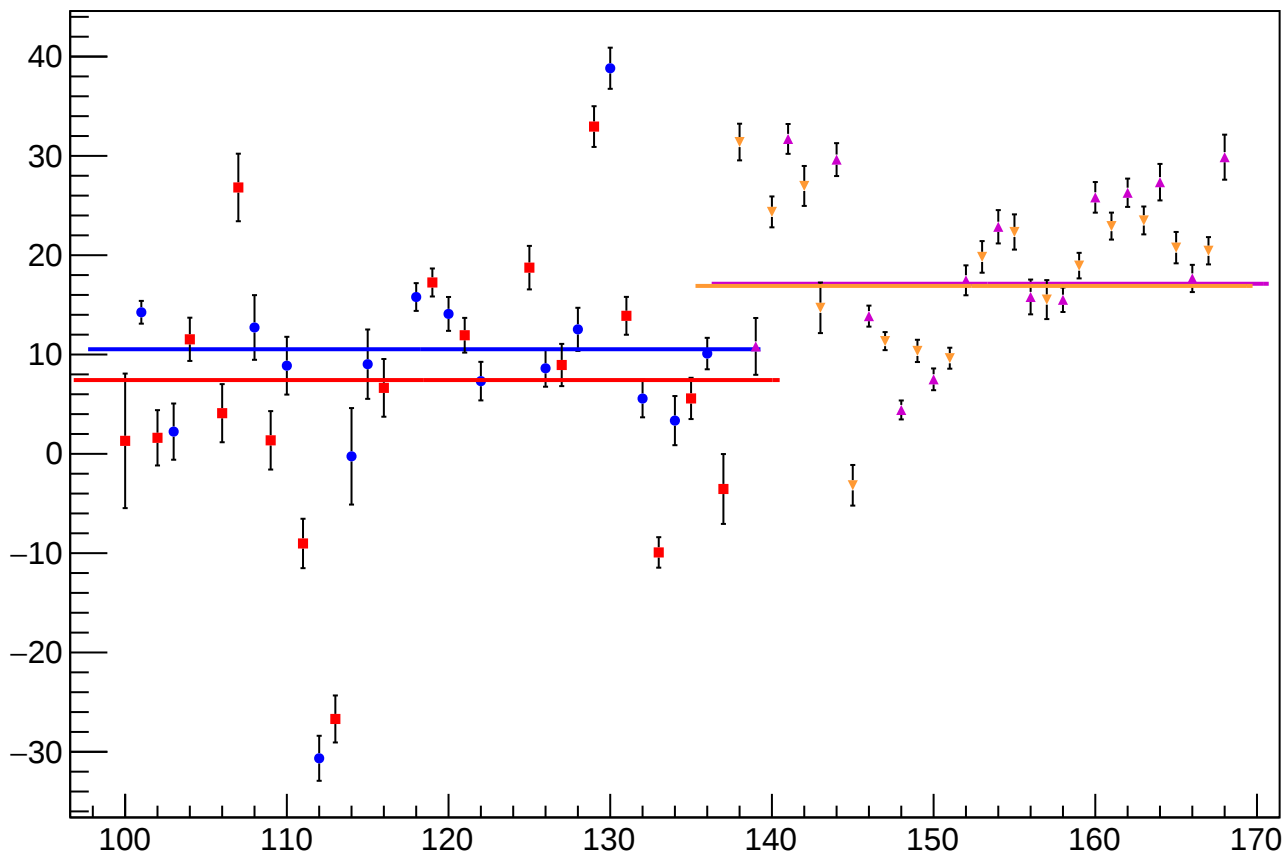
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 77.075 $\pm$ 0.382 χ^2 /NDF:5375.0/30

Out: 78.700 $\pm$ 0.385 χ^2 /NDF:5582.0/33

All: 77.880 $\pm$ 0.271 χ^2 /NDF: 10965.9/64

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: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

Left In: 17.125 ± 0.366 $\chi^2/\text{NDF}: 570.1/14$

Left: 17.014 ± 0.256 $\chi^2/\text{NDF}: 966.0/30$

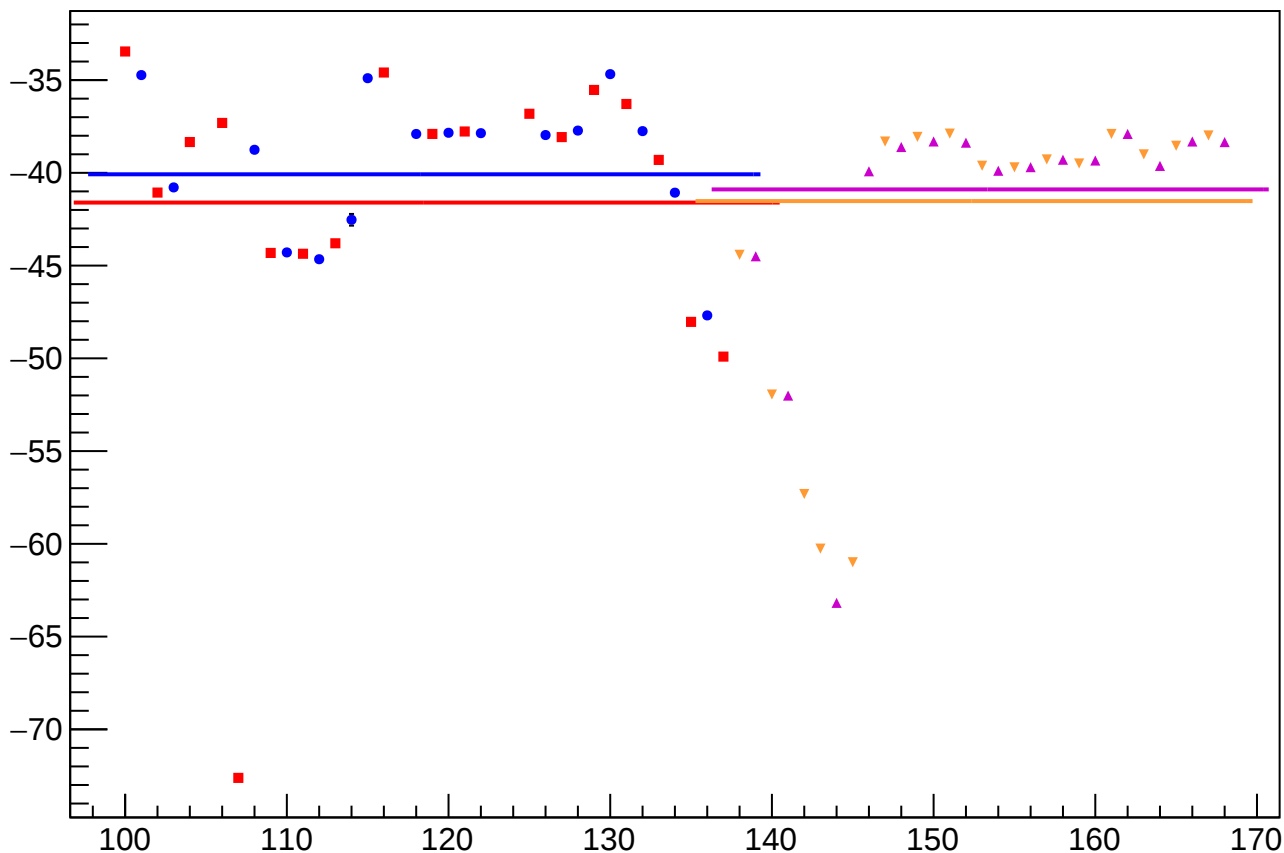
Right: 9.074 ± 0.359 $\chi^2/\text{NDF}: 1284.7/33$

In: 14.783 ± 0.294 $\chi^2/\text{NDF}: 1265.8/30$

Out: 13.889 ± 0.295 $\chi^2/\text{NDF}: 1304.9/33$

All: 14.339 ± 0.208 $\chi^2/\text{NDF}: 2575.3/64$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -41.522 ± 0.017 χ^2/NDF : 136669.0/15

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.893 ± 0.017 χ^2/NDF : 95750.9/14

Left: -41.205 ± 0.012 χ^2/NDF : 233076.8/30

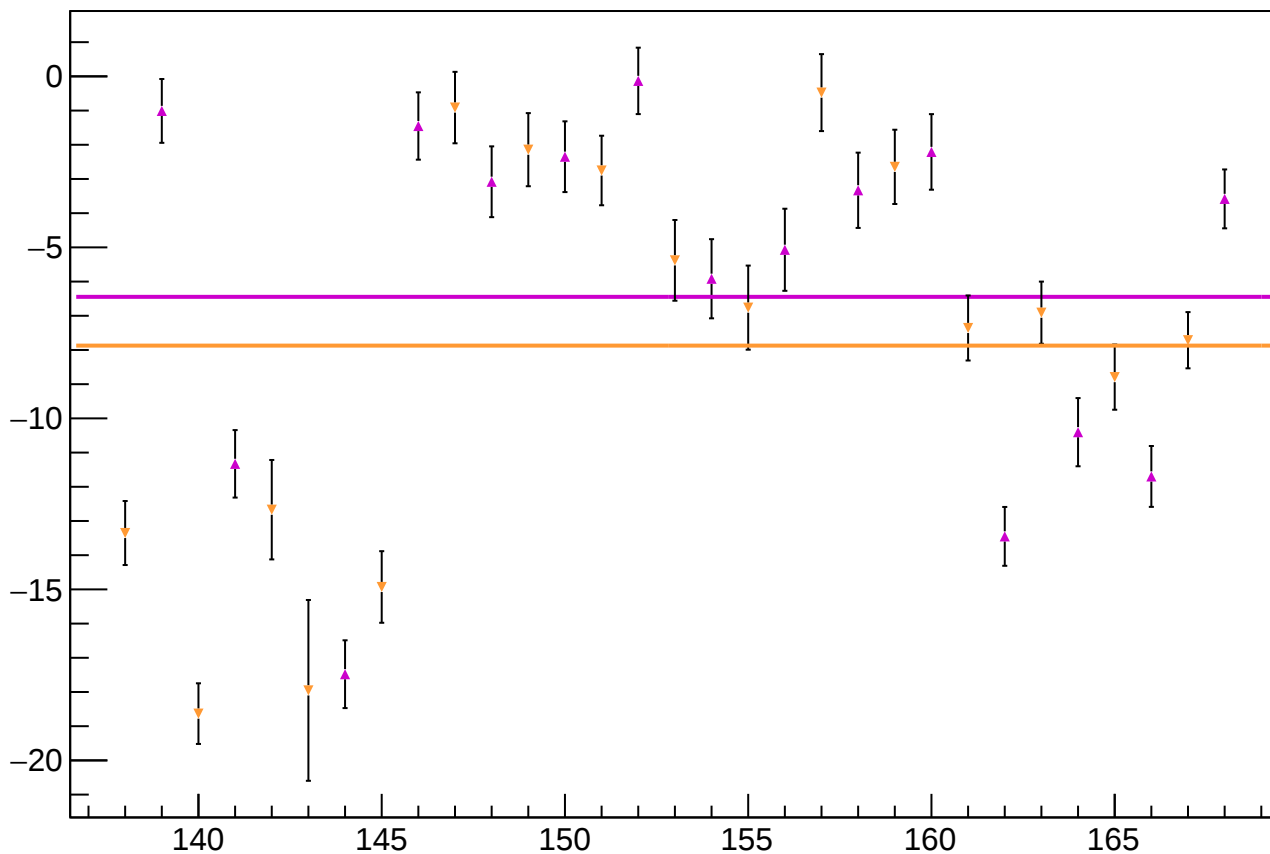
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.671 ± 0.015 χ^2/NDF : 121503.2/30

Out: -41.544 ± 0.015 χ^2/NDF : 198531.2/33

All: -41.104 ± 0.010 χ^2/NDF : 321772.9/64

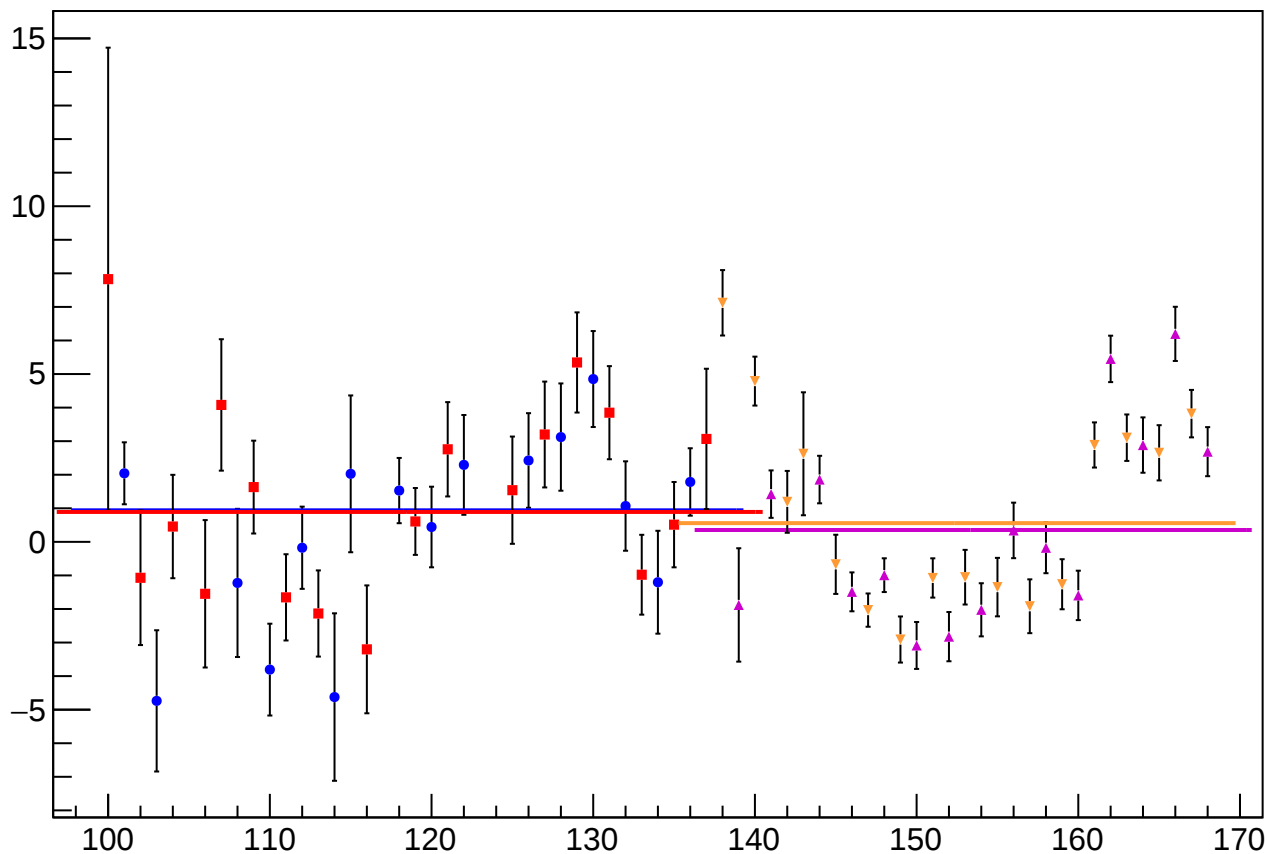
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.872 $\pm$ 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 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 0.558 ± 0.186 $\chi^2/\text{NDF}: 220.9/15$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.353 ± 0.186 $\chi^2/\text{NDF}: 211.6/14$

Left: 0.456 ± 0.132 $\chi^2/\text{NDF}: 433.1/30$

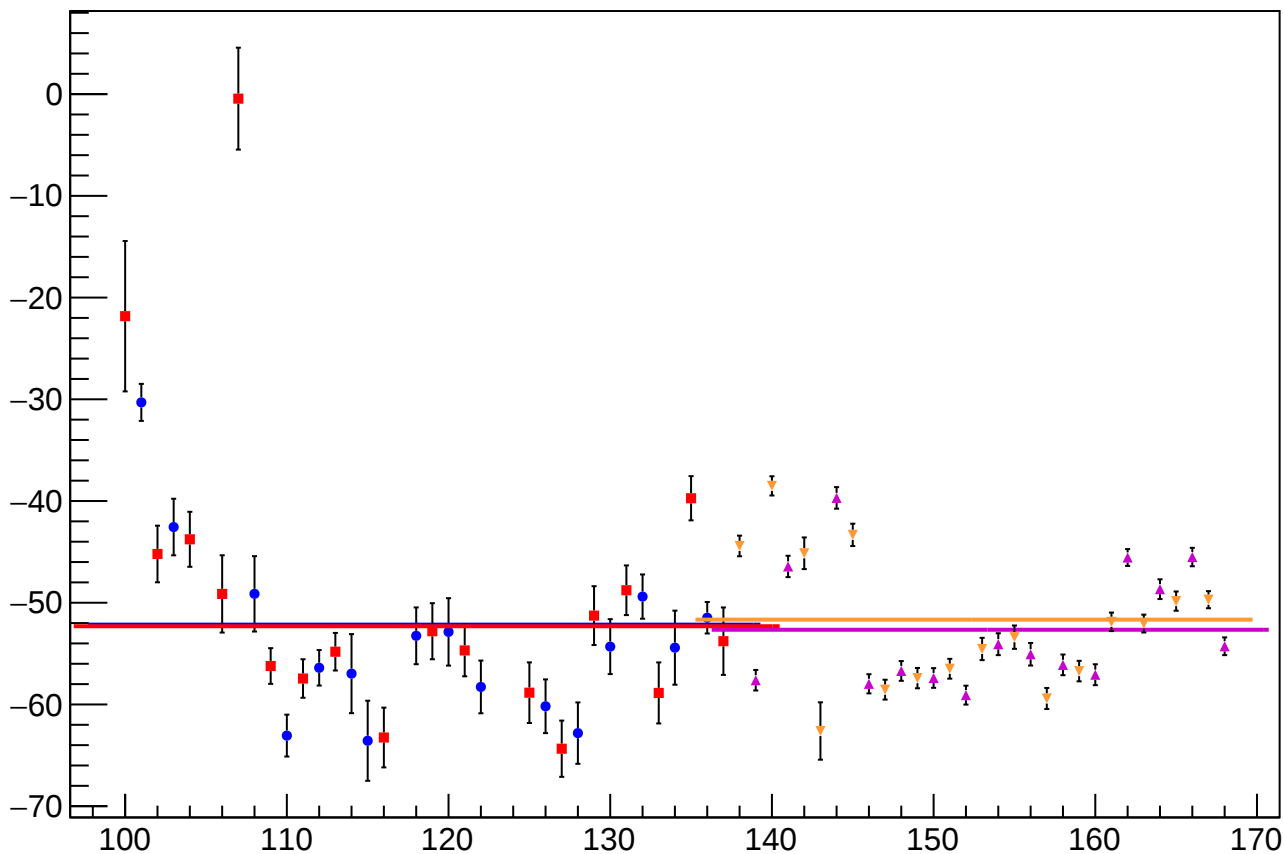
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.490 ± 0.163 $\chi^2/\text{NDF}: 256.1/30$

Out: 0.631 ± 0.165 $\chi^2/\text{NDF}: 263.2/33$

All: 0.559 ± 0.116 $\chi^2/\text{NDF}: 519.7/64$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -51.660 ± 0.257 χ^2/NDF : 542.3/15

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -52.656 ± 0.251 χ^2/NDF : 522.5/14

Left: -52.170 ± 0.180 χ^2/NDF : 1072.5/30

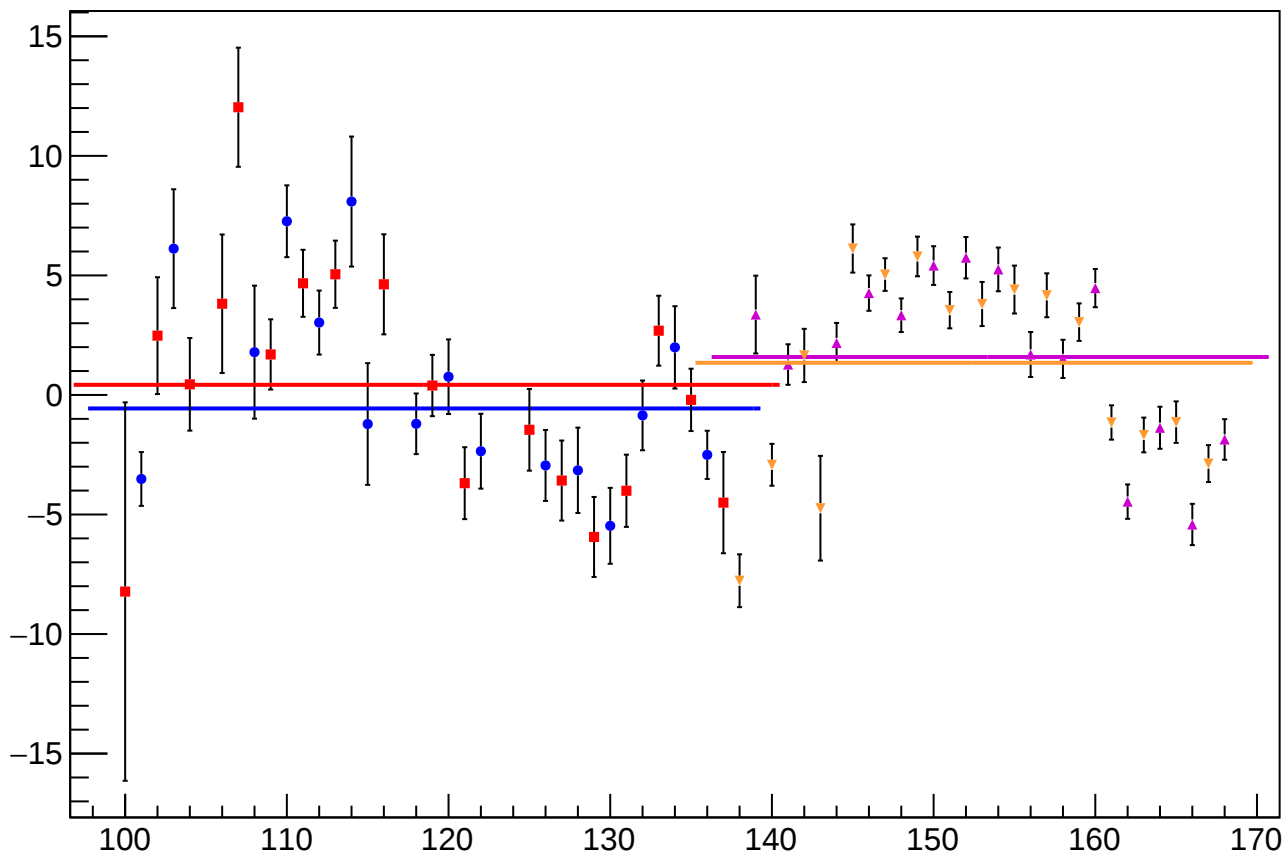
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.584 ± 0.233 χ^2/NDF : 754.2/30

Out: -51.757 ± 0.237 χ^2/NDF : 778.0/33

All: -52.179 ± 0.166 χ^2/NDF : 1538.4/64

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.345 ± 0.217 χ^2/NDF : 286.3/15

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.587 ± 0.217 χ^2/NDF : 259.8/14

Left: 1.466 ± 0.153 χ^2/NDF : 546.7/30

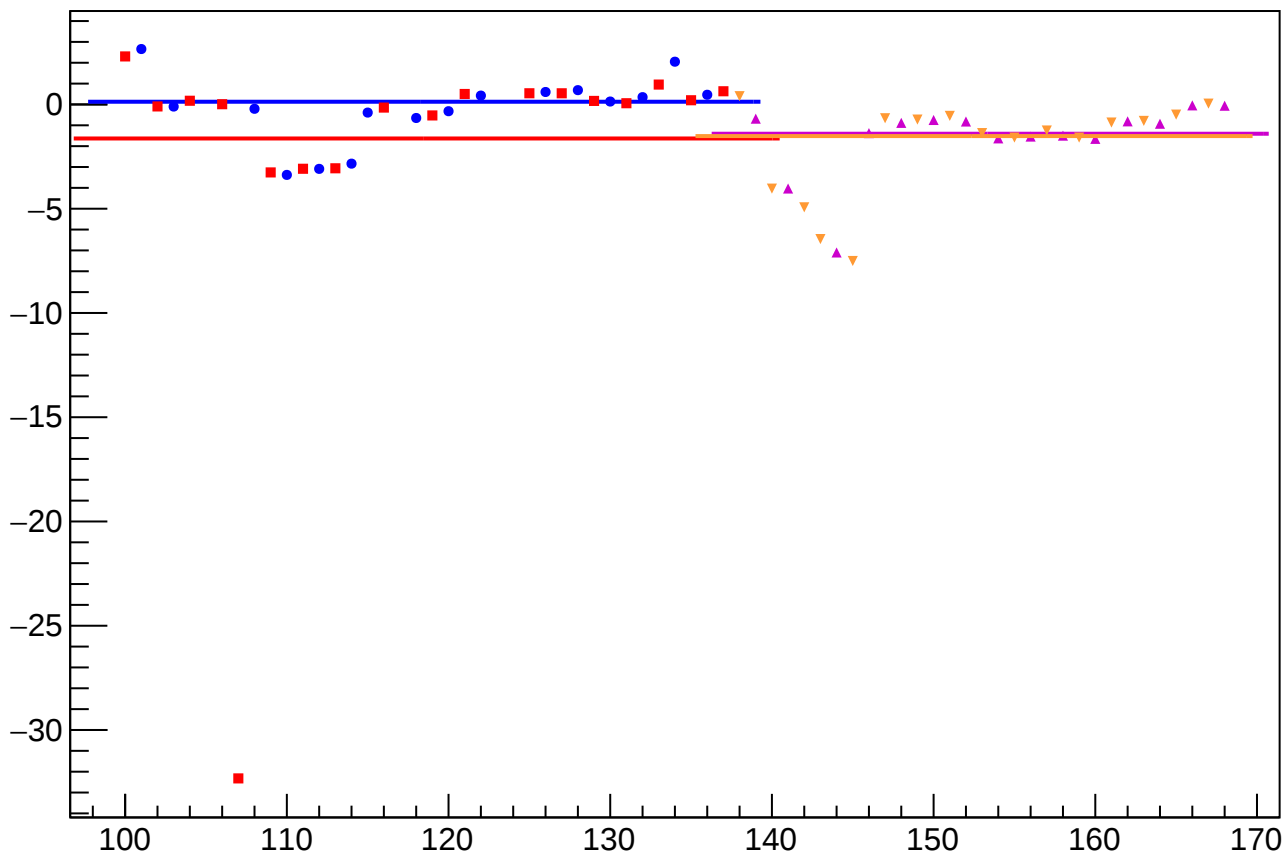
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 1.068 ± 0.189 χ^2/NDF : 365.4/30

Out: 1.135 ± 0.191 χ^2/NDF : 385.7/33

All: 1.101 ± 0.134 χ^2/NDF : 751.2/64

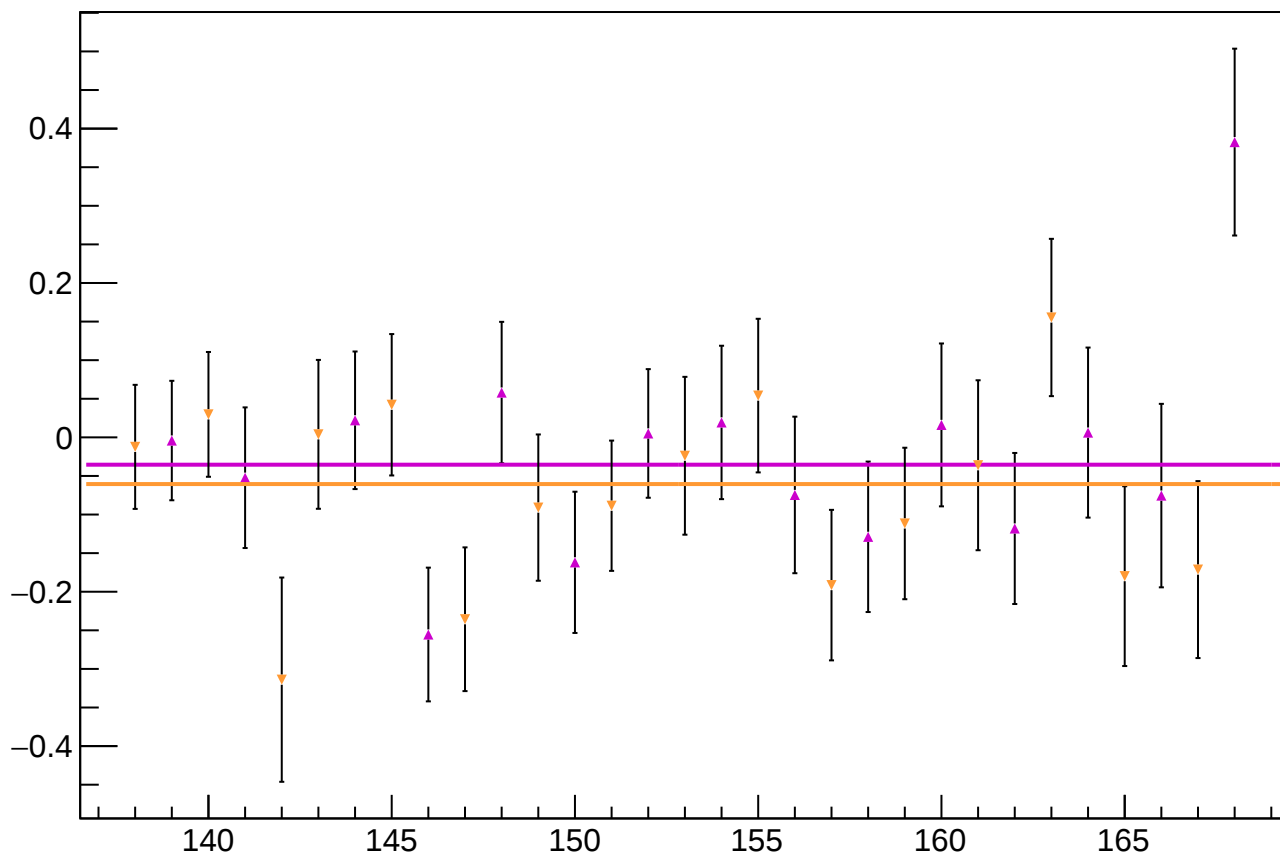
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130+/-0.022 χ^2/NDF : 5232.9/15
 Left Out: -1.517+/-0.010 χ^2/NDF : 35091.7/15
 Right Out: -1.632+/-0.022 χ^2/NDF : 77874.4/17
 Left In: -1.404+/-0.010 χ^2/NDF : 23428.5/14

Left: -1.459+/-0.007 χ^2/NDF : 58583.3/30
 Right: -0.739+/-0.015 χ^2/NDF : 86417.2/33
 In: -1.136+/-0.009 χ^2/NDF : 32860.7/30
 Out: -1.537+/-0.009 χ^2/NDF : 112989.0/33
 All: -1.332+/-0.006 χ^2/NDF : 146822.2/64

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.061 $\pm$ 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

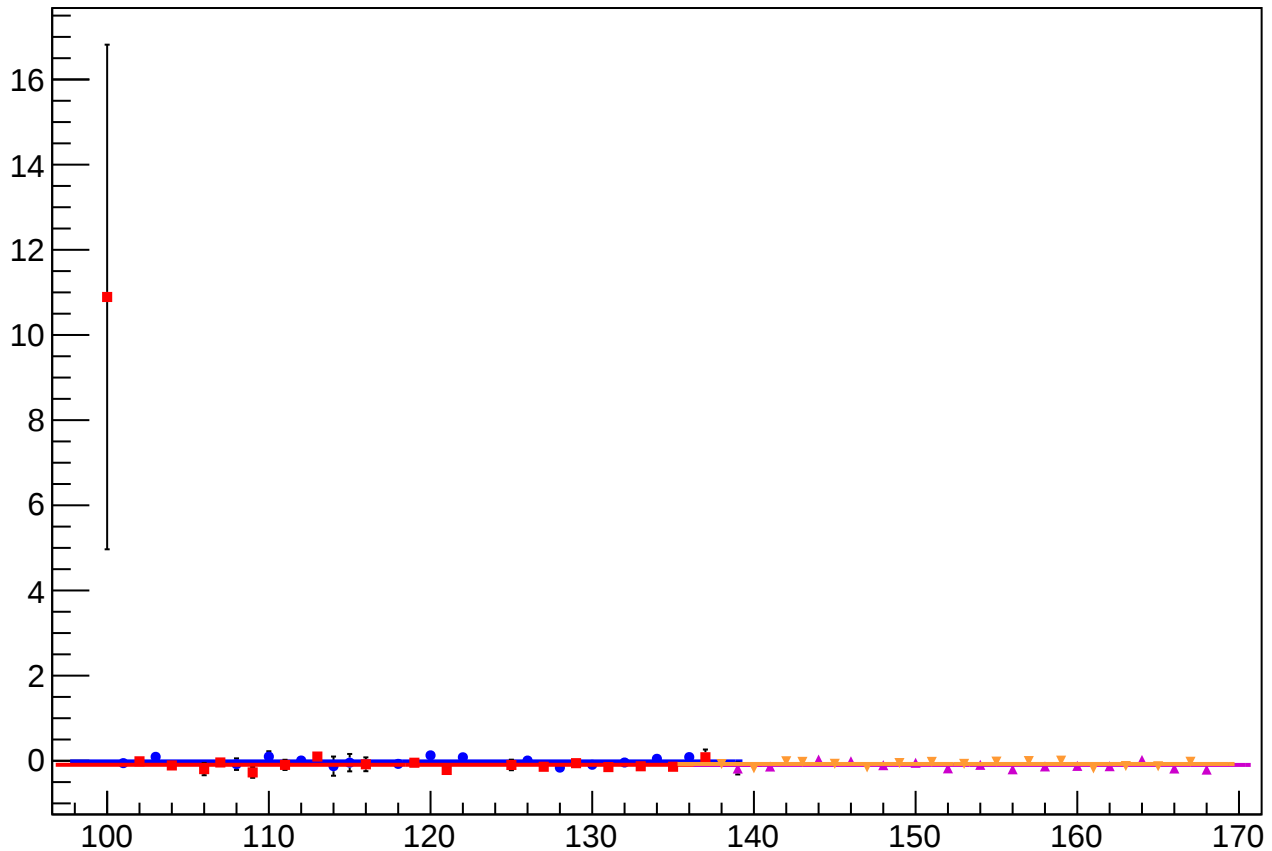
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.097 ± 0.018 χ^2/NDF : 15.6/14

Left: -0.085 ± 0.012 χ^2/NDF : 30.0/30

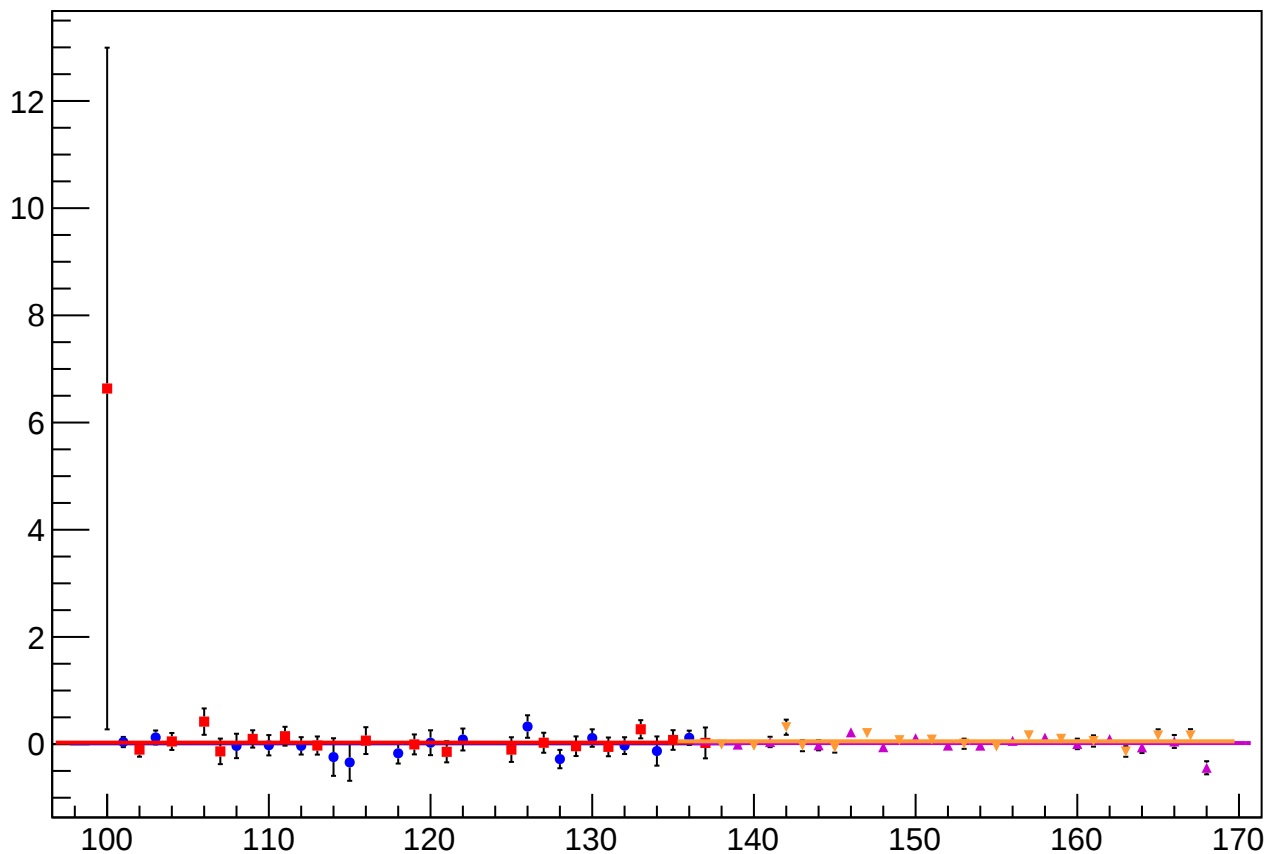
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.067 ± 0.014 χ^2/NDF : 36.1/30

Out: -0.081 ± 0.014 χ^2/NDF : 27.5/33

All: -0.074 ± 0.010 χ^2/NDF : 64.1/64

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.053+/-0.024 χ^2/NDF :18.9/15

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.020+/-0.024 χ^2/NDF :25.5/14

Left: 0.037+/-0.017 χ^2/NDF : 45.4/30

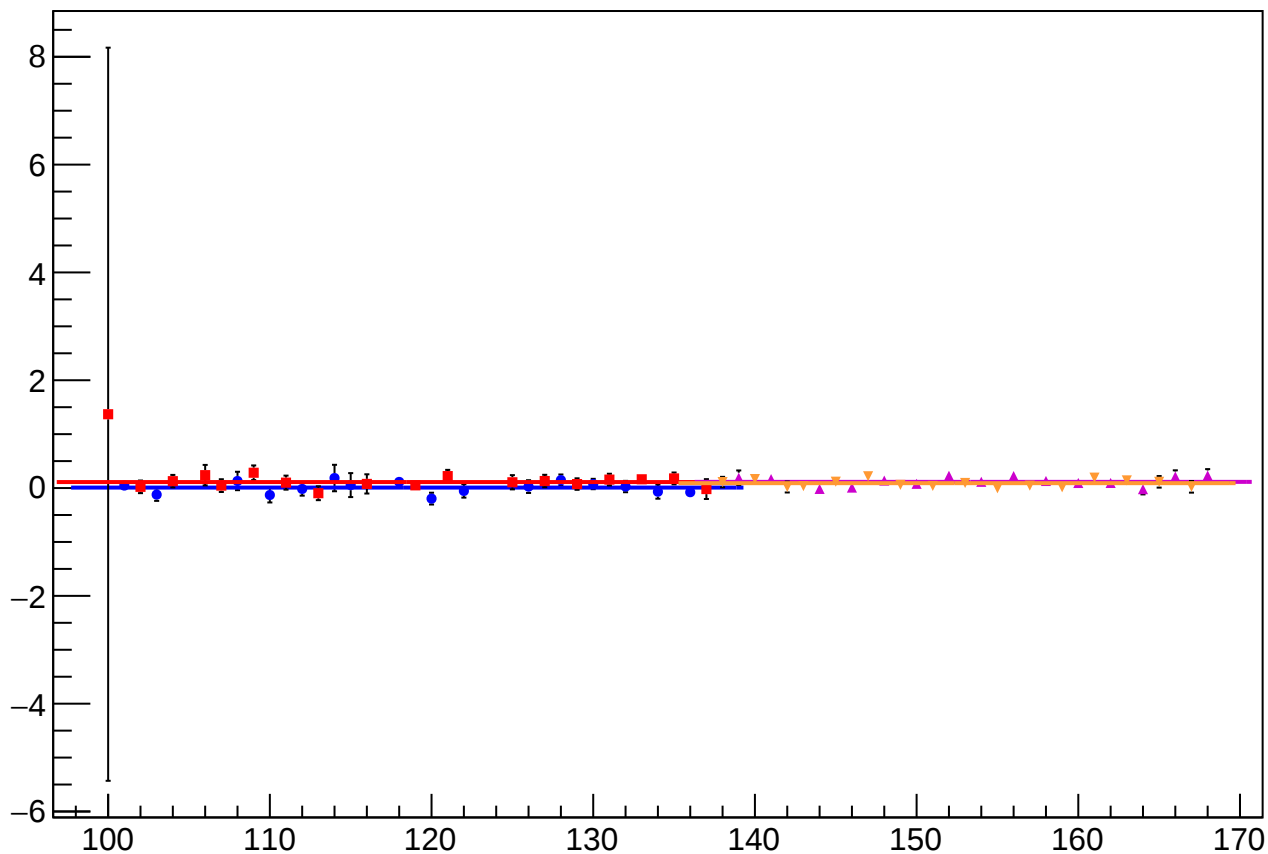
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.019+/-0.021 χ^2/NDF :35.6/30

Out: 0.047+/-0.021 χ^2/NDF :28.7/33

All: 0.033+/-0.015 χ^2/NDF : 65.2/64

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2 /NDF: 12.6/15

Left Out: 0.091+/-0.020 χ^2 /NDF:12.5/15

Right Out: 0.111+/-0.029 χ^2 /NDF: 8.6/17

Left In: 0.115+/-0.021 χ^2 /NDF:14.7/14

Left: 0.102+/-0.014 χ^2 /NDF: 27.9/30

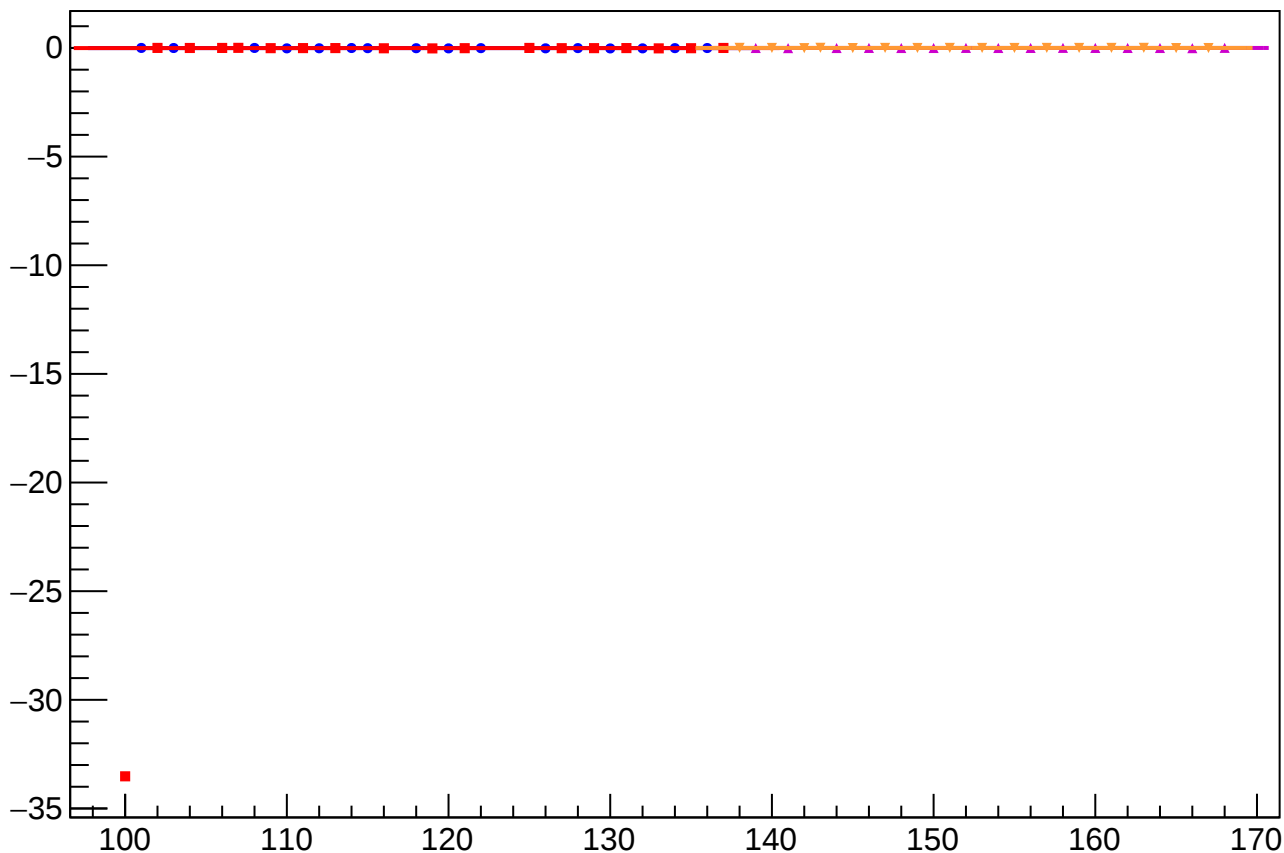
Right: 0.057+/-0.020 χ^2 /NDF: 28.0/33

In: 0.075+/-0.016 χ^2 /NDF:37.1/30

Out: 0.097+/-0.016 χ^2 /NDF:21.5/33

All: 0.086+/-0.012 χ^2 /NDF: 59.4/64

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 13.1/15

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: 0.000 ± 0.001 χ^2/NDF : 11.2/14

Left: 0.001 ± 0.001 χ^2/NDF : 25.2/30

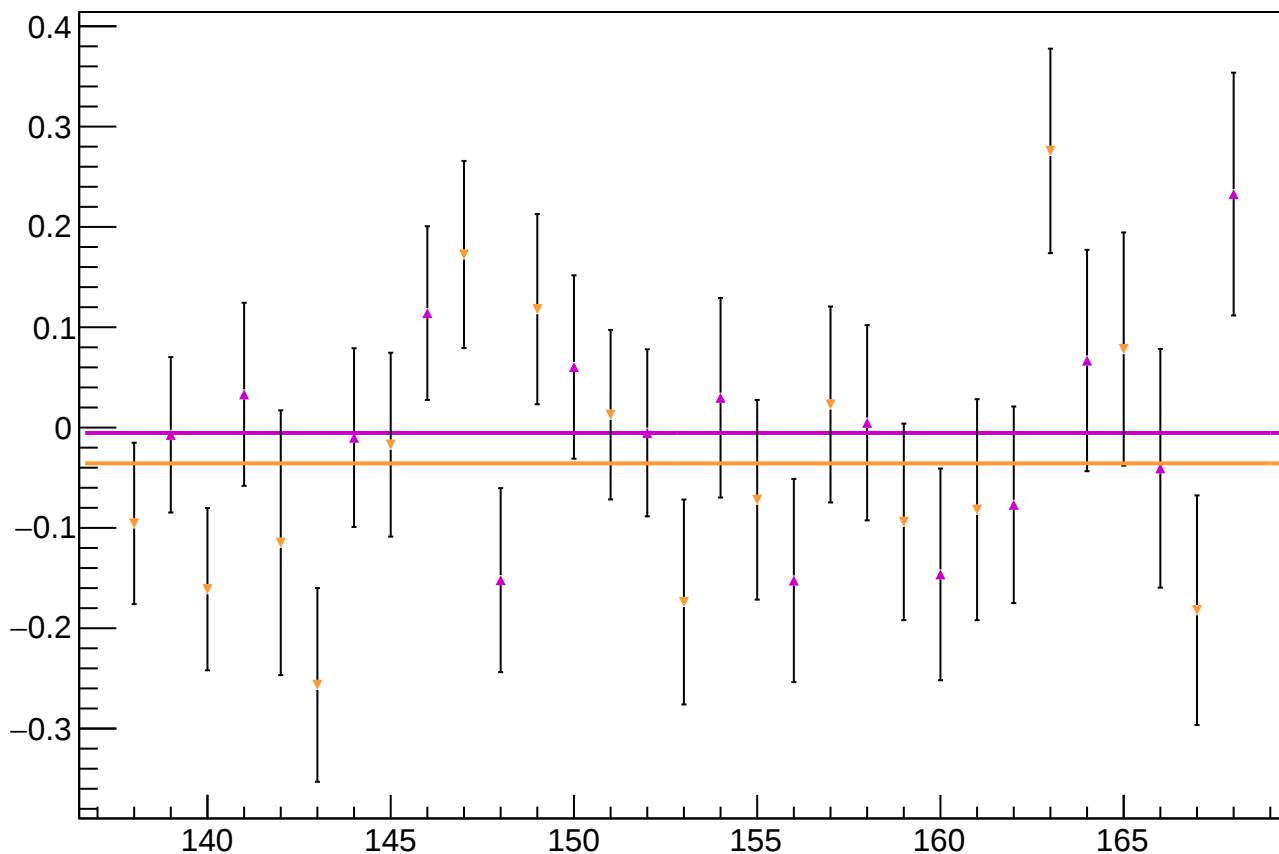
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 44.1/30

Out: -0.001 ± 0.001 χ^2/NDF : 26539.4/33

All: -0.001 ± 0.001 χ^2/NDF : 26584.0/64

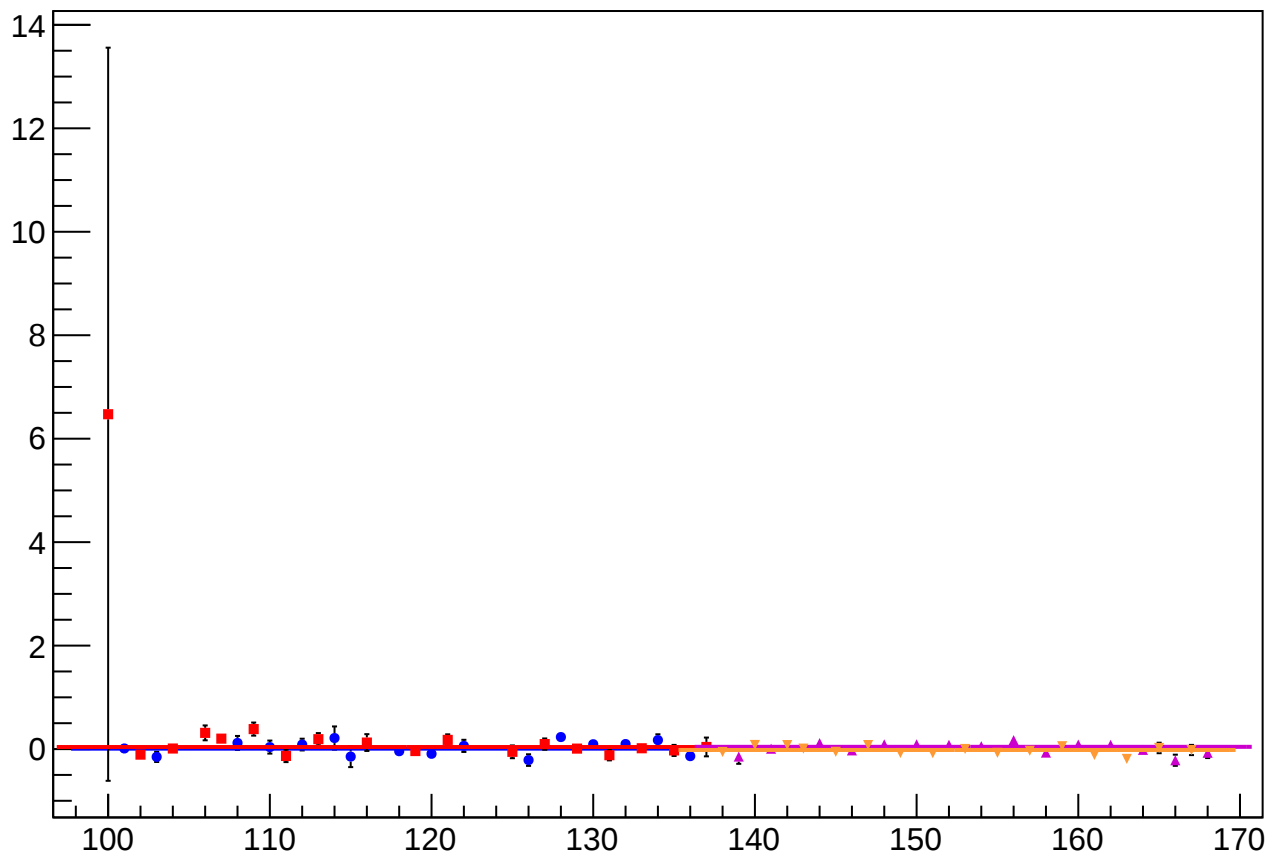
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.018 $\pm$ 0.017 χ^2 /NDF:19.7/15

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.043 $\pm$ 0.018 χ^2 /NDF:21.6/14

Left: 0.012 $\pm$ 0.012 χ^2 /NDF: 47.5/30

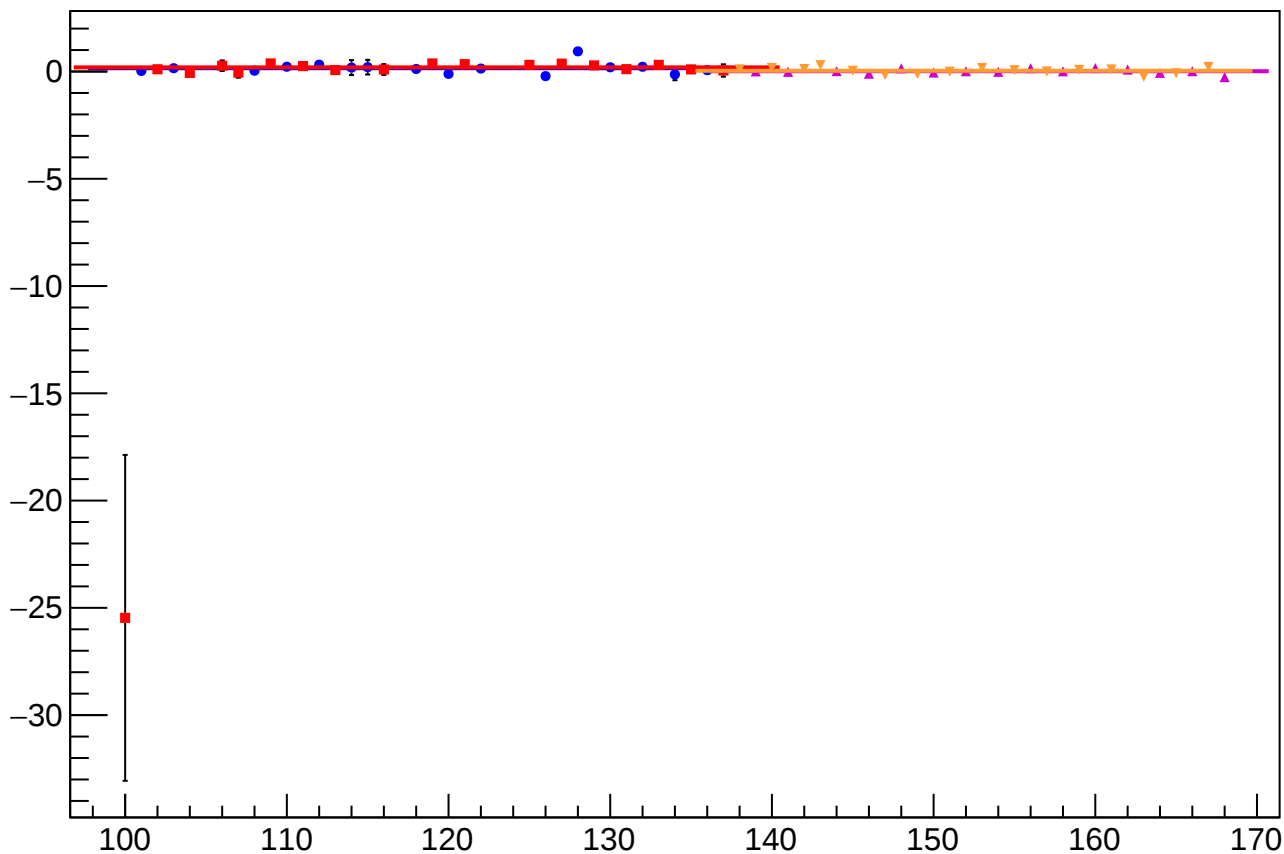
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.030 $\pm$ 0.014 χ^2 /NDF:46.7/30

Out: 0.001 $\pm$ 0.014 χ^2 /NDF:51.7/33

All: 0.016 $\pm$ 0.010 χ^2 /NDF: 100.7/64

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.035+/-0.024 χ^2/NDF :31.8/15

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.014+/-0.024 χ^2/NDF :15.9/14

Left: 0.025+/-0.017 χ^2/NDF : 48.0/30

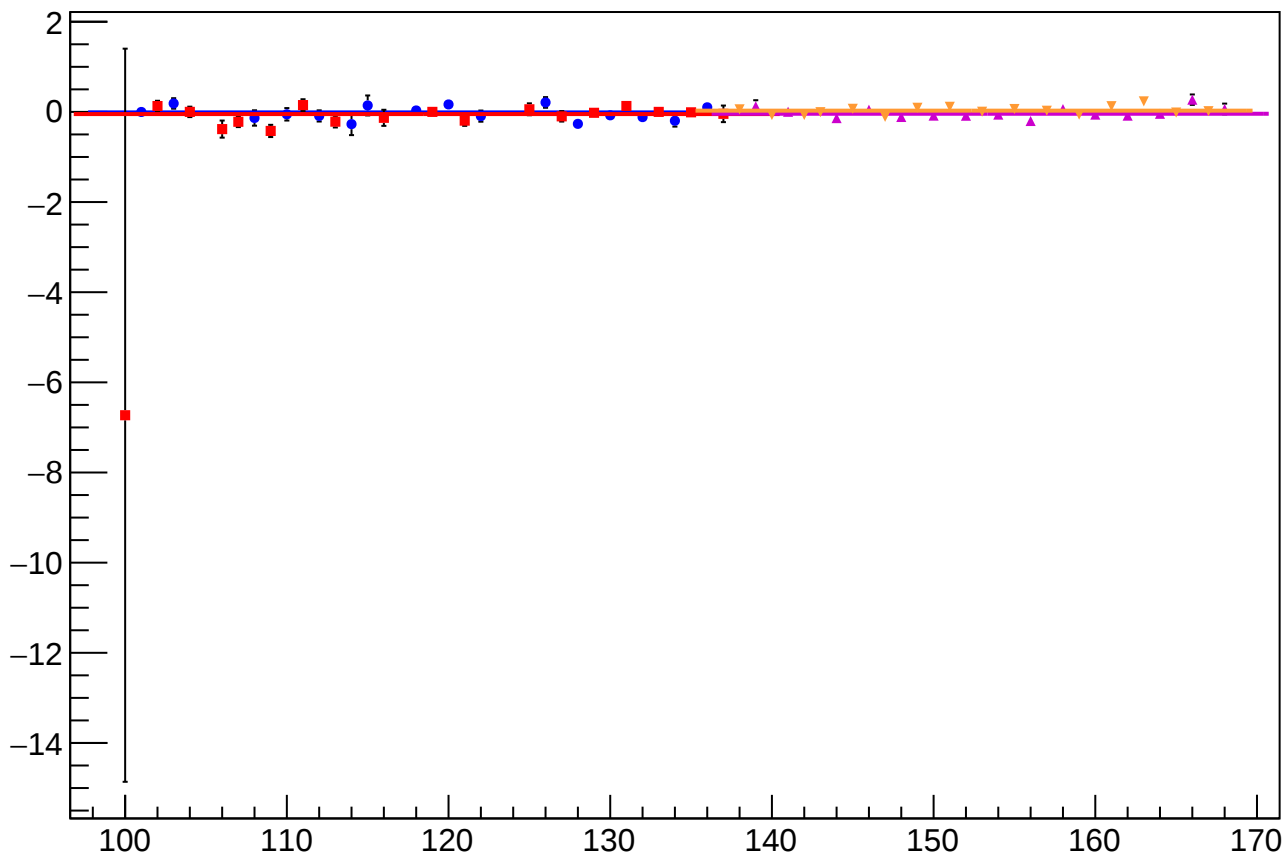
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.048+/-0.021 χ^2/NDF :54.5/30

Out: 0.070+/-0.021 χ^2/NDF :63.3/33

All: 0.059+/-0.015 χ^2/NDF : 118.4/64

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.028 ± 0.020 $\chi^2/\text{NDF}: 20.4/15$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: -0.041 ± 0.021 $\chi^2/\text{NDF}: 22.0/14$

Left: -0.006 ± 0.014 $\chi^2/\text{NDF}: 48.1/30$

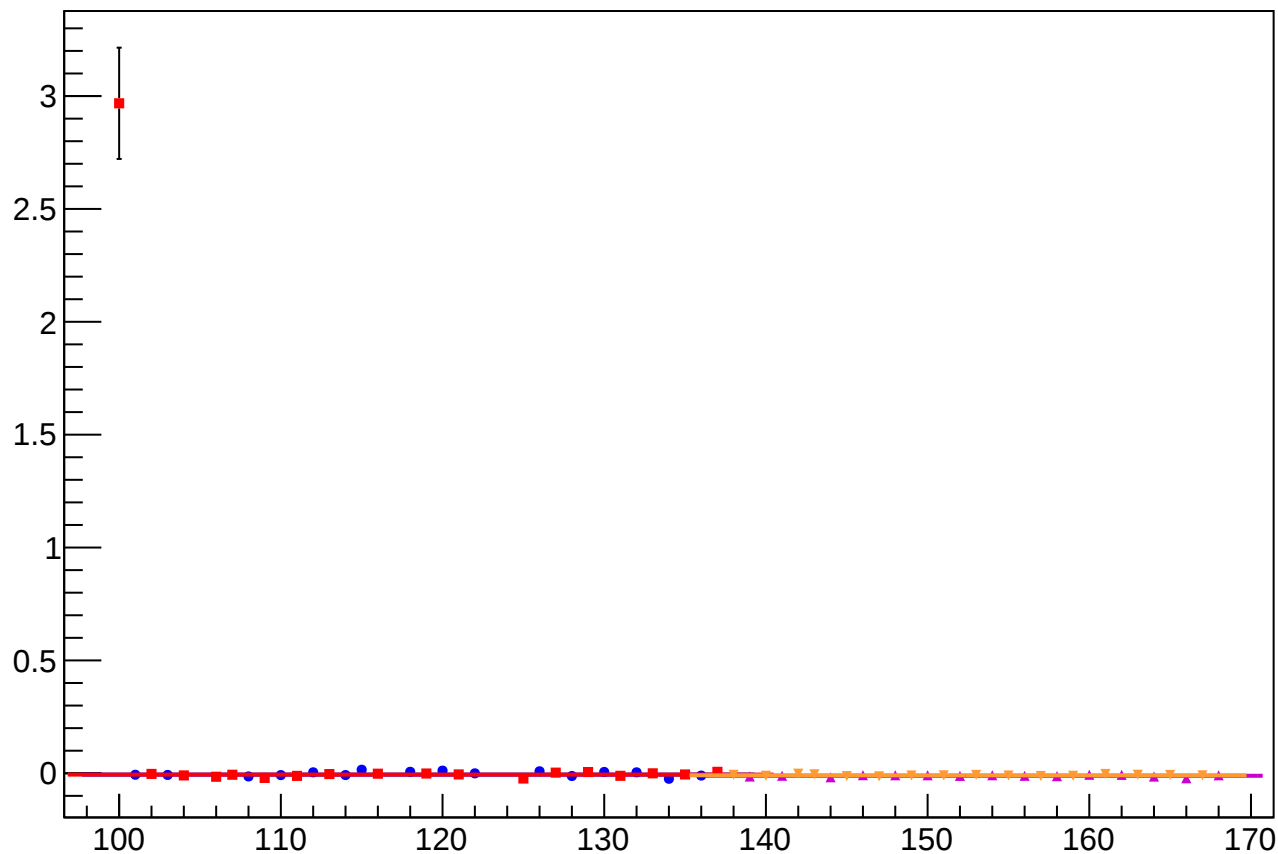
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.030 ± 0.016 $\chi^2/\text{NDF}: 46.2/30$

Out: 0.003 ± 0.016 $\chi^2/\text{NDF}: 51.3/33$

All: -0.014 ± 0.012 $\chi^2/\text{NDF}: 99.5/64$

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: 165.2/17

Left In: -0.011+/-0.001 χ^2 /NDF:13.6/14

Left: -0.010+/-0.001 χ^2 /NDF: 26.6/30

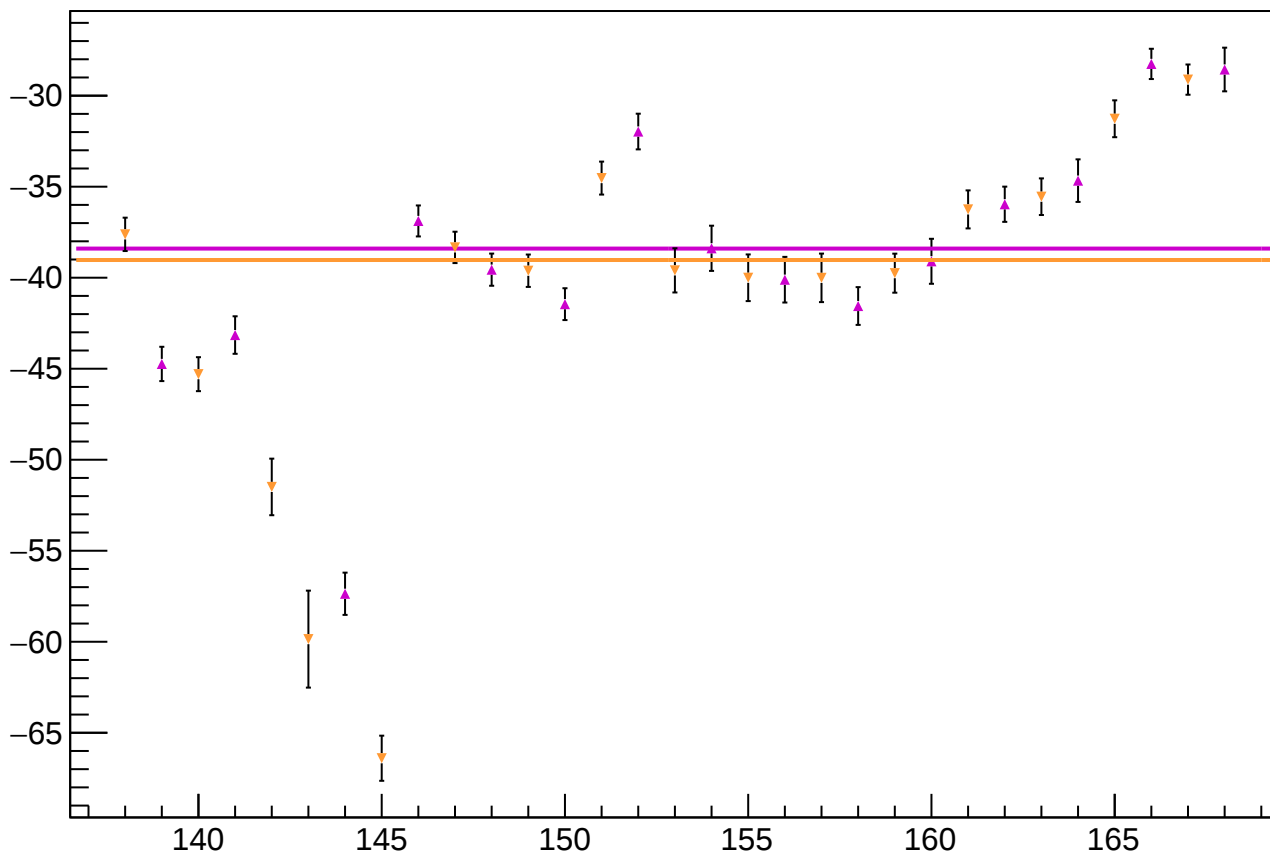
Right: -0.006+/-0.001 χ^2 /NDF: 193.9/33

In: -0.010+/-0.001 χ^2 /NDF:51.2/30

Out: -0.008+/-0.001 χ^2 /NDF:178.8/33

All: -0.009+/-0.001 χ^2 /NDF: 231.8/64

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



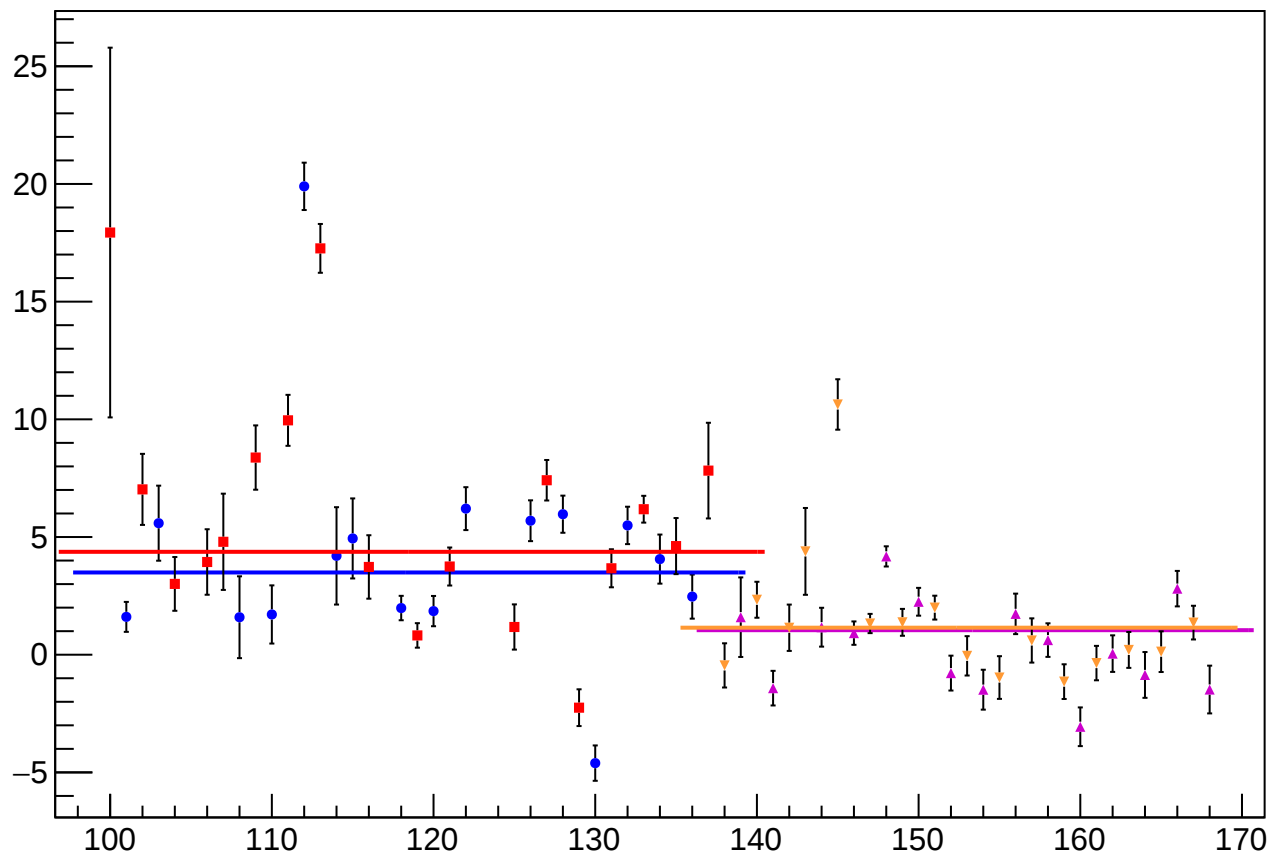
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -39.028+/-0.263 χ^2/NDF : 908.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.400+/-0.261 χ^2/NDF : 637.8/14

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 ± 0.218 χ^2/NDF : 444.9/15

Left Out: 1.148 ± 0.181 χ^2/NDF : 114.7/15

Right Out: 4.372 ± 0.225 χ^2/NDF : 354.0/17

Left In: 1.042 ± 0.184 χ^2/NDF : 126.9/14

Left: 1.096 ± 0.129 χ^2/NDF : 241.8/30

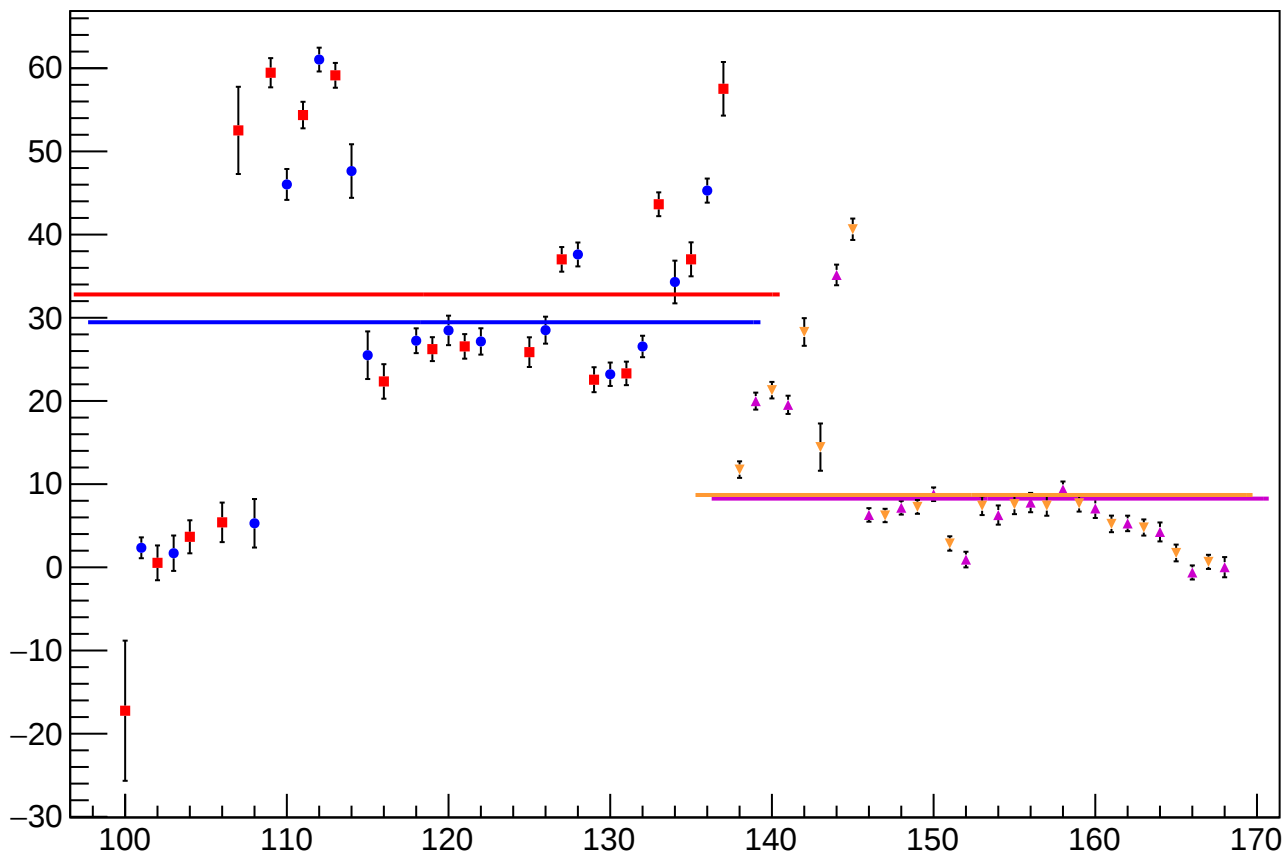
Right: 3.918 ± 0.157 χ^2/NDF : 806.7/33

In: 2.065 ± 0.141 χ^2/NDF : 645.8/30

Out: 2.414 ± 0.141 χ^2/NDF : 593.0/33

All: 2.239 ± 0.100 χ^2/NDF : 1241.8/64

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: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

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

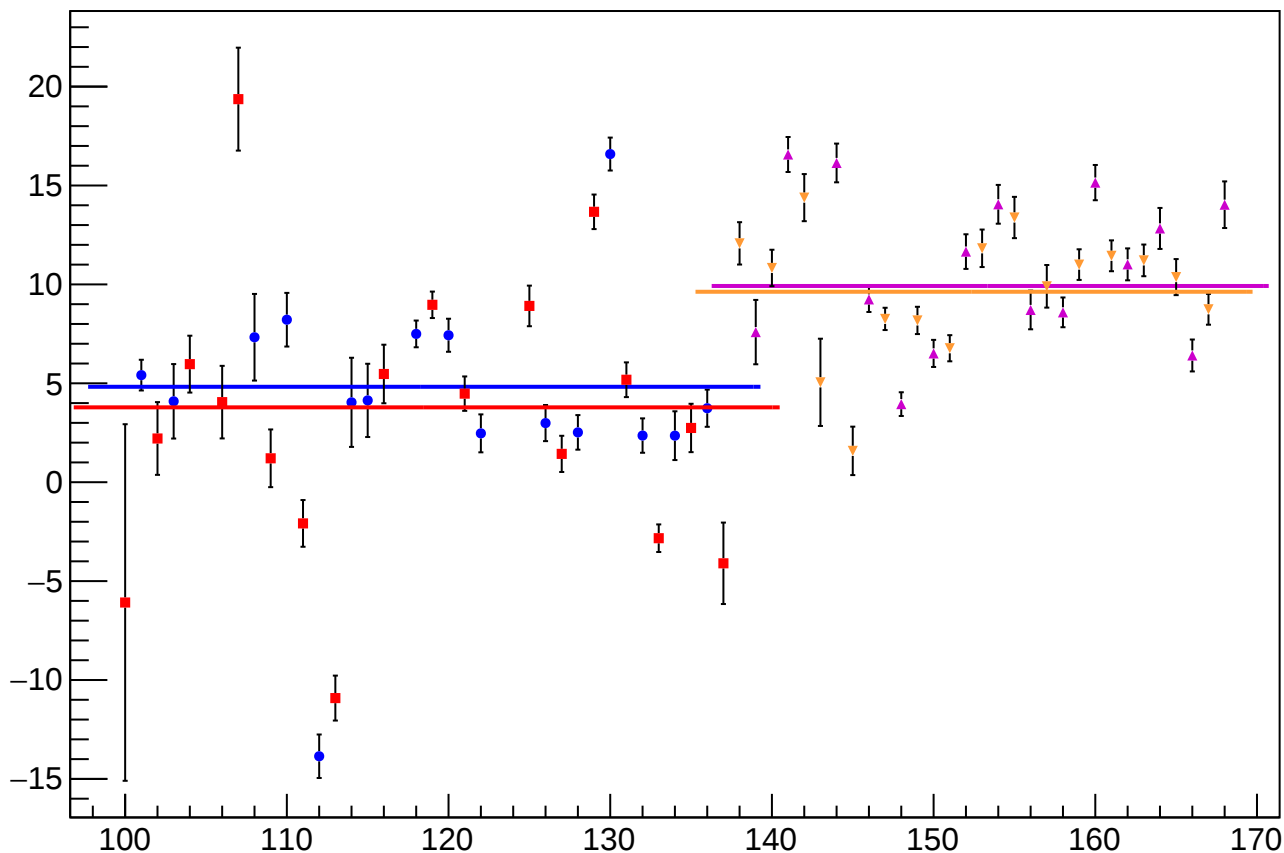
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 14.022 $\pm$ 0.218 χ^2 /NDF:4329.9/30

Out: 15.226 $\pm$ 0.220 χ^2 /NDF:5186.2/33

All: 14.617 $\pm$ 0.155 χ^2 /NDF: 9531.3/64

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.628 ± 0.214 $\chi^2/\text{NDF}: 132.2/15$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.920 ± 0.217 $\chi^2/\text{NDF}: 325.5/14$

Left: 9.772 ± 0.152 $\chi^2/\text{NDF}: 458.7/30$

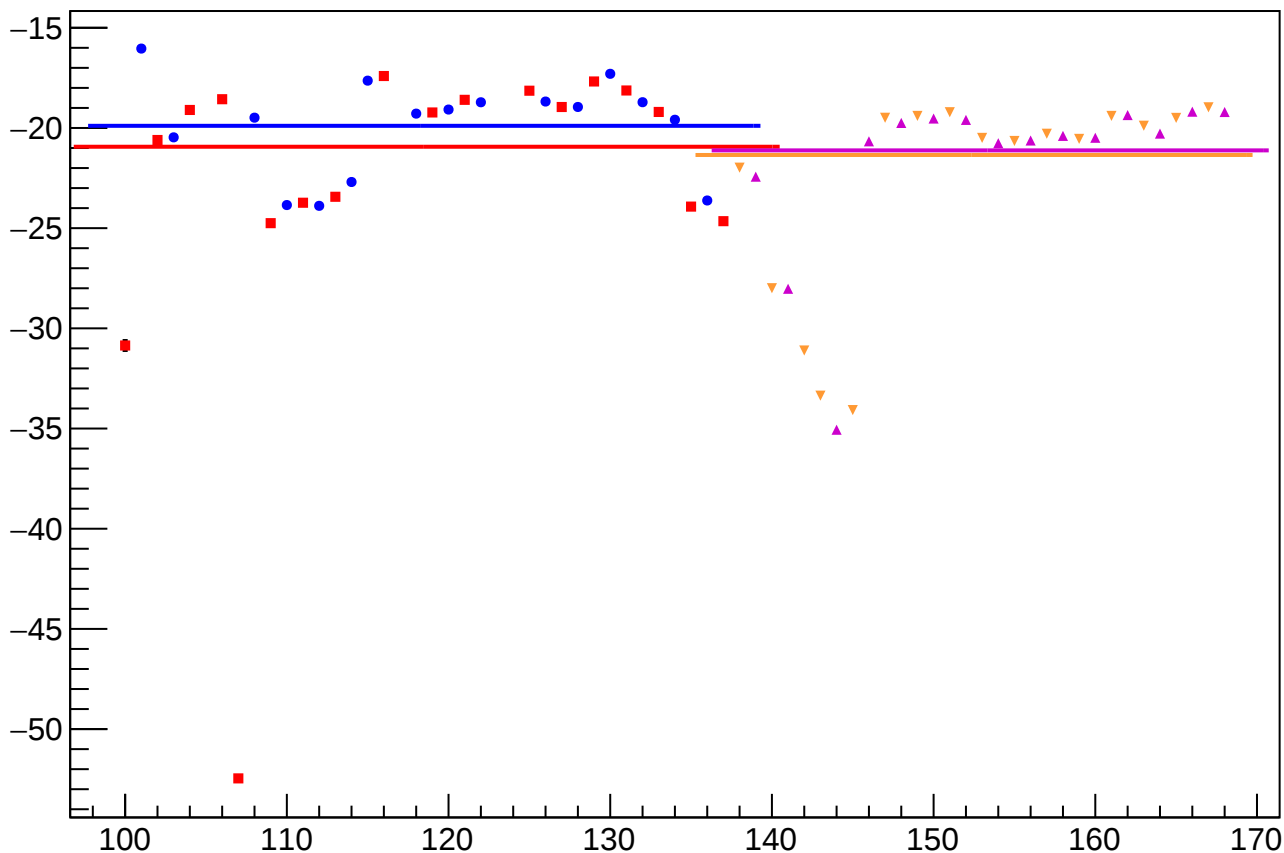
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.746 ± 0.164 $\chi^2/\text{NDF}: 1113.6/30$

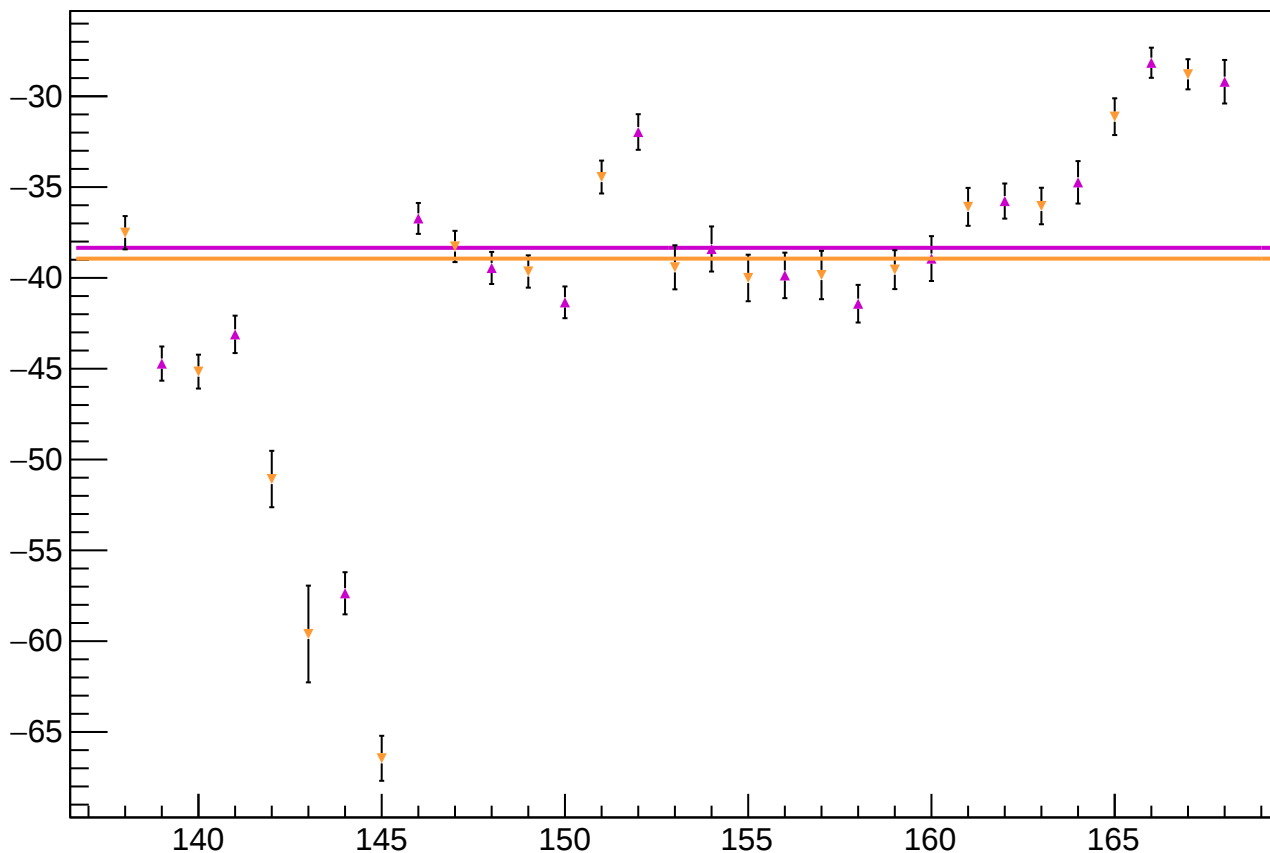
Out: 7.252 ± 0.165 $\chi^2/\text{NDF}: 999.5/33$

All: 7.500 ± 0.116 $\chi^2/\text{NDF}: 2117.6/64$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



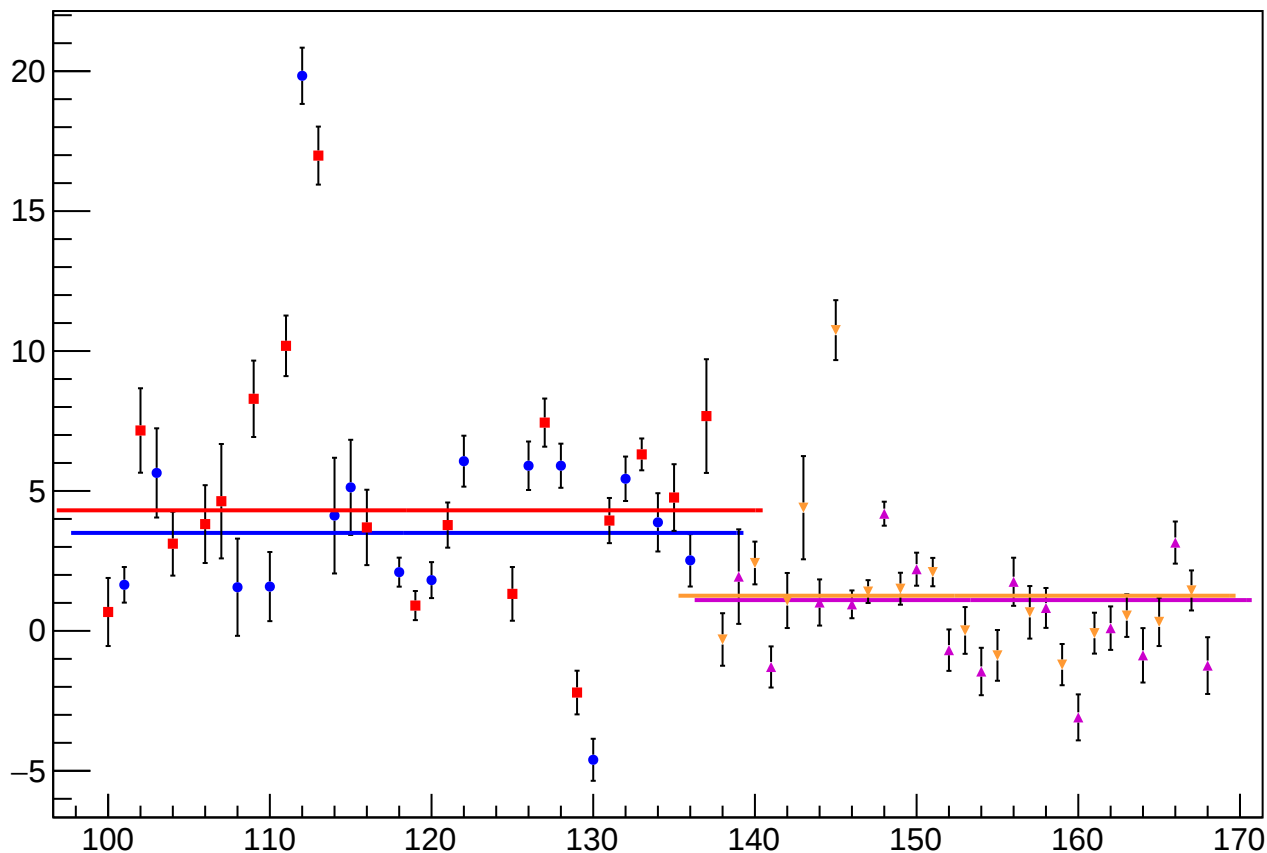
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.939+/-0.263 χ^2/NDF : 913.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.345+/-0.261 χ^2/NDF : 631.5/14

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 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.257 ± 0.181 χ^2/NDF : 114.5/15

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.100 ± 0.184 χ^2/NDF : 126.5/14

Left: 1.180 ± 0.129 χ^2/NDF : 241.4/30

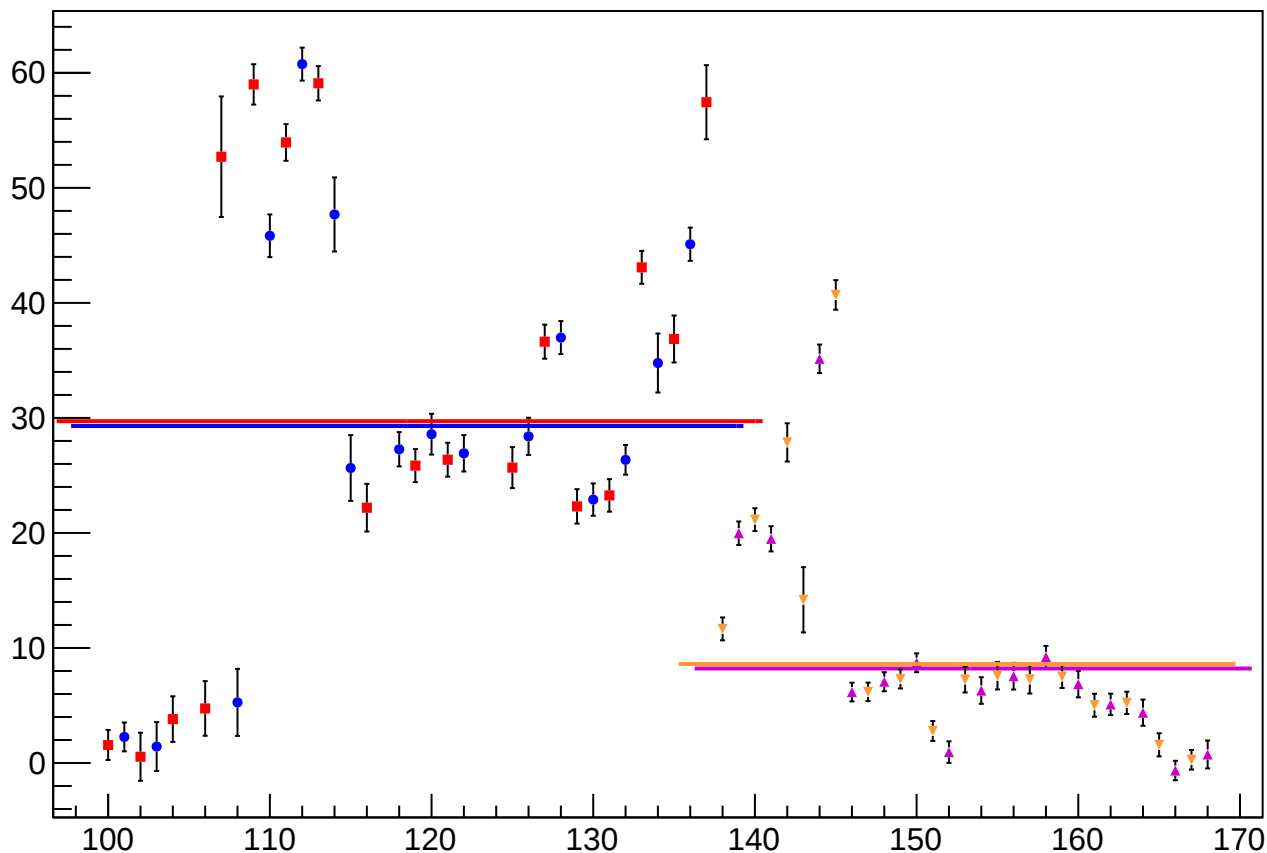
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.102 ± 0.141 χ^2/NDF : 639.4/30

Out: 2.479 ± 0.140 χ^2/NDF : 581.1/33

All: 2.291 ± 0.099 χ^2/NDF : 1224.1/64

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 8.610 $\pm$ 0.258 χ^2 /NDF:1161.7/15

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

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

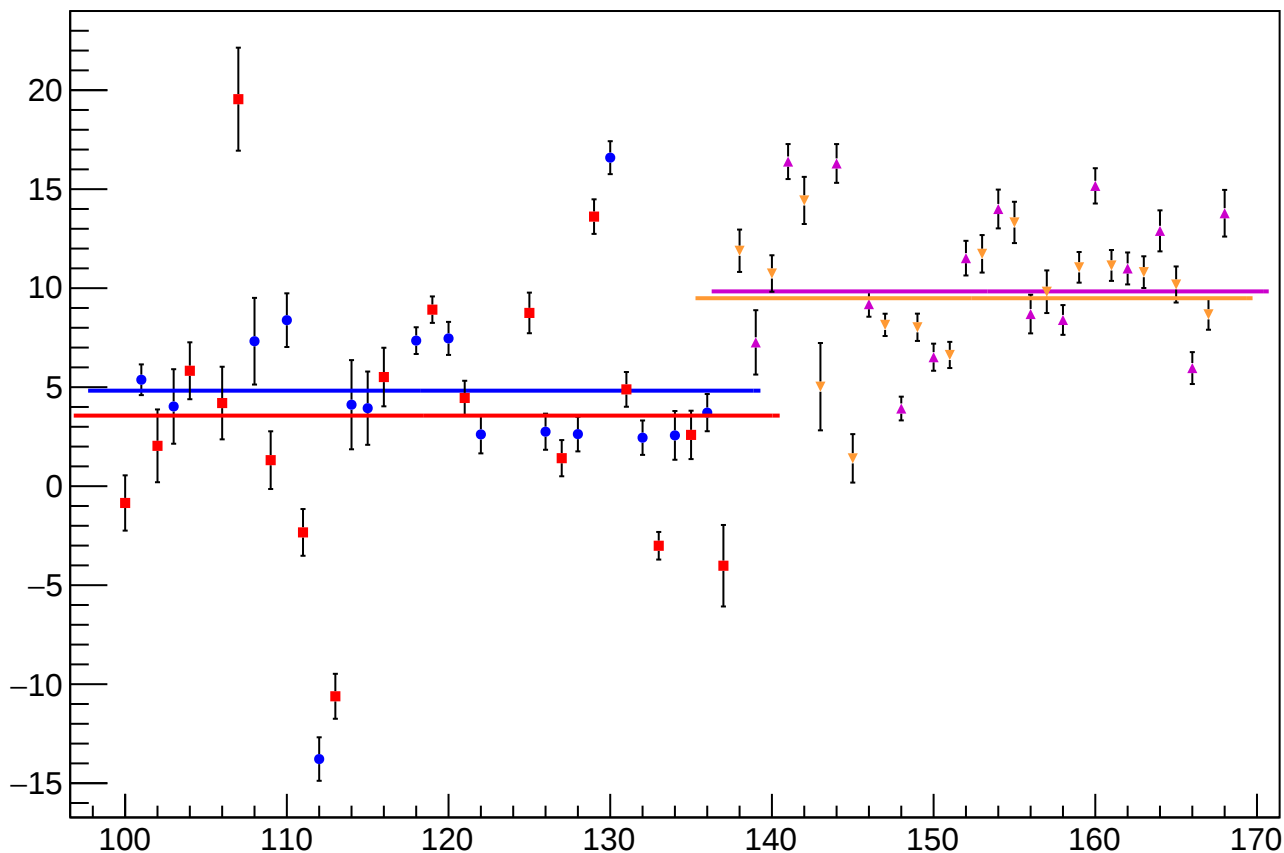
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 13.945 $\pm$ 0.218 χ^2 /NDF:4299.2/30

Out: 14.744 $\pm$ 0.217 χ^2 /NDF:5241.2/33

All: 14.346 $\pm$ 0.154 χ^2 /NDF: 9547.3/64

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.493 $\pm$ 0.214 χ^2 /NDF:133.0/15

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 9.837 $\pm$ 0.217 χ^2 /NDF:330.8/14

Left: 9.663 $\pm$ 0.152 χ^2 /NDF: 465.1/30

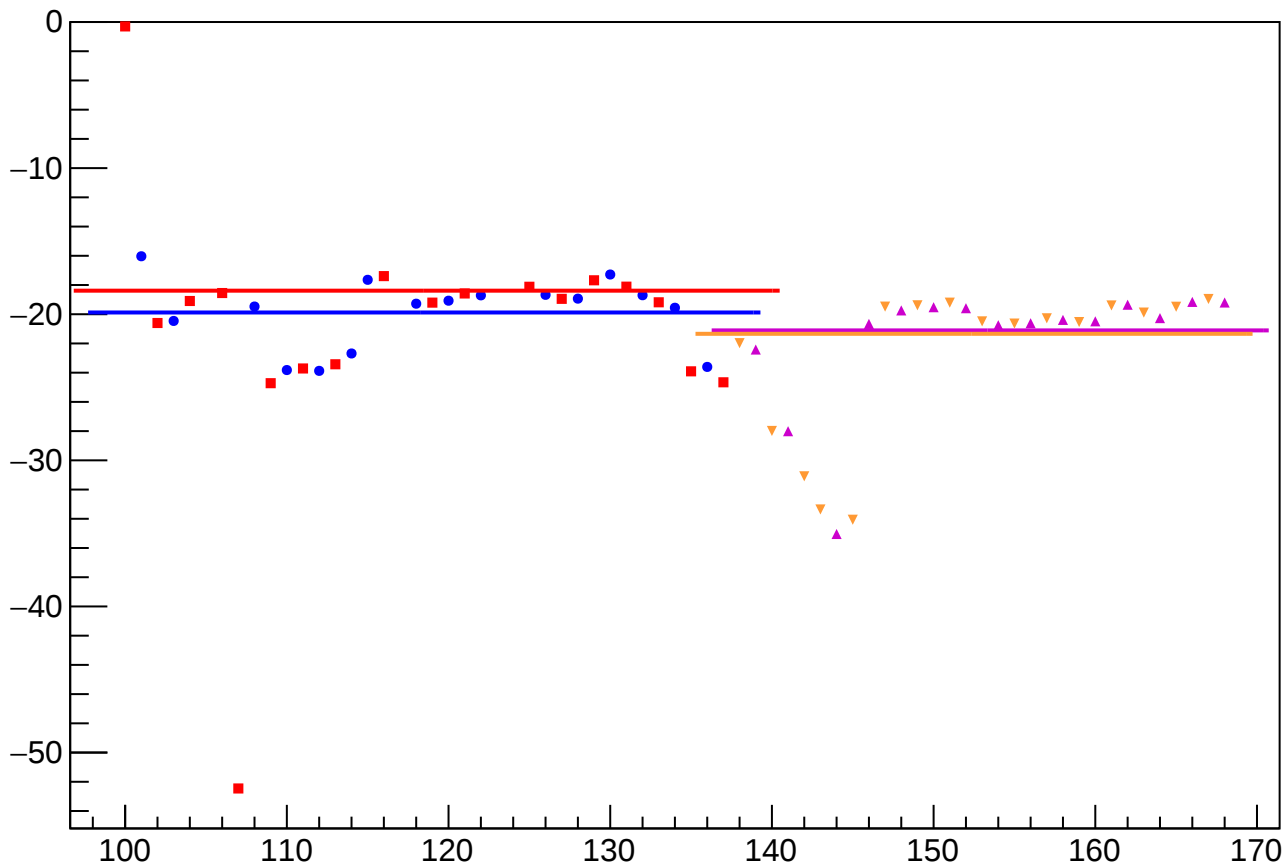
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 7.698 $\pm$ 0.164 χ^2 /NDF:1107.8/30

Out: 7.035 $\pm$ 0.164 χ^2 /NDF:1021.1/33

All: 7.366 $\pm$ 0.116 χ^2 /NDF: 2137.1/64

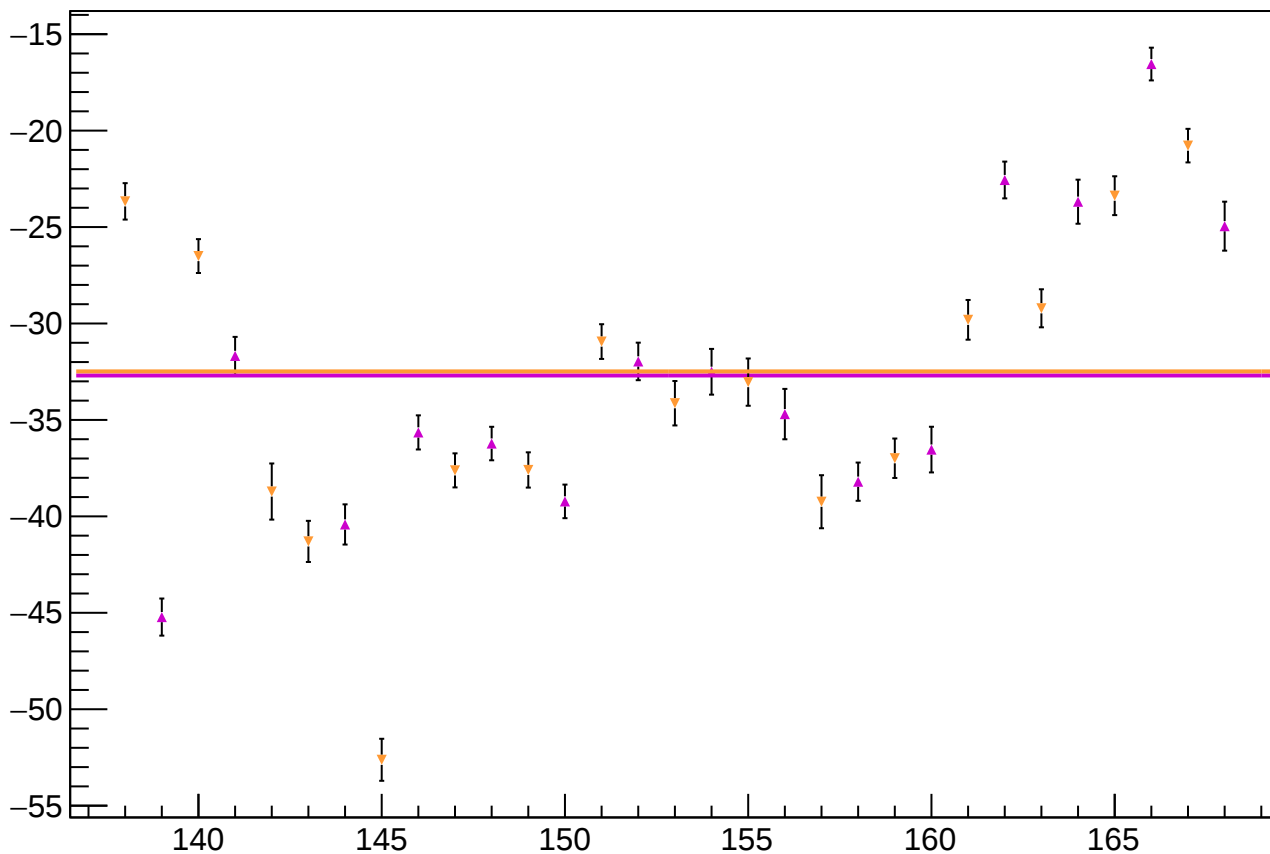
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -21.340 ± 0.010 $\chi^2/\text{NDF}: 140139.1/15$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.106 ± 0.010 $\chi^2/\text{NDF}: 104454.6/14$

Left: -21.222 ± 0.007 $\chi^2/\text{NDF}: 244855.4/30$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.741 ± 0.008 $\chi^2/\text{NDF}: 134887.1/30$
 Out: -20.373 ± 0.008 $\chi^2/\text{NDF}: 468379.3/33$
 All: -20.556 ± 0.006 $\chi^2/\text{NDF}: 604212.5/64$

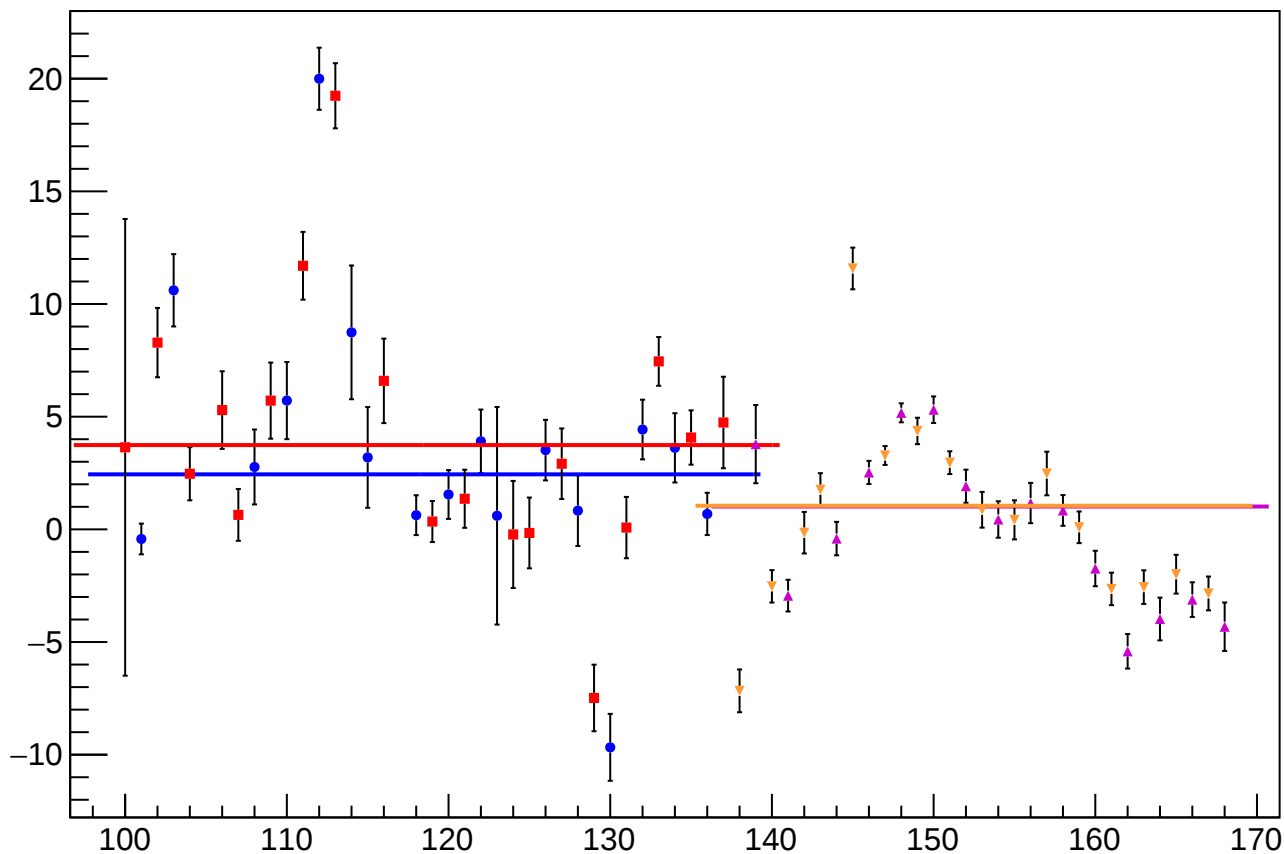
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.483+/-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 χ^2/NDF : 294.7/16

Left Out: 1.047 ± 0.175 χ^2/NDF : 400.2/15

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 1.013 ± 0.182 χ^2/NDF : 363.1/14

Left: 1.031 ± 0.126 χ^2/NDF : 763.3/30

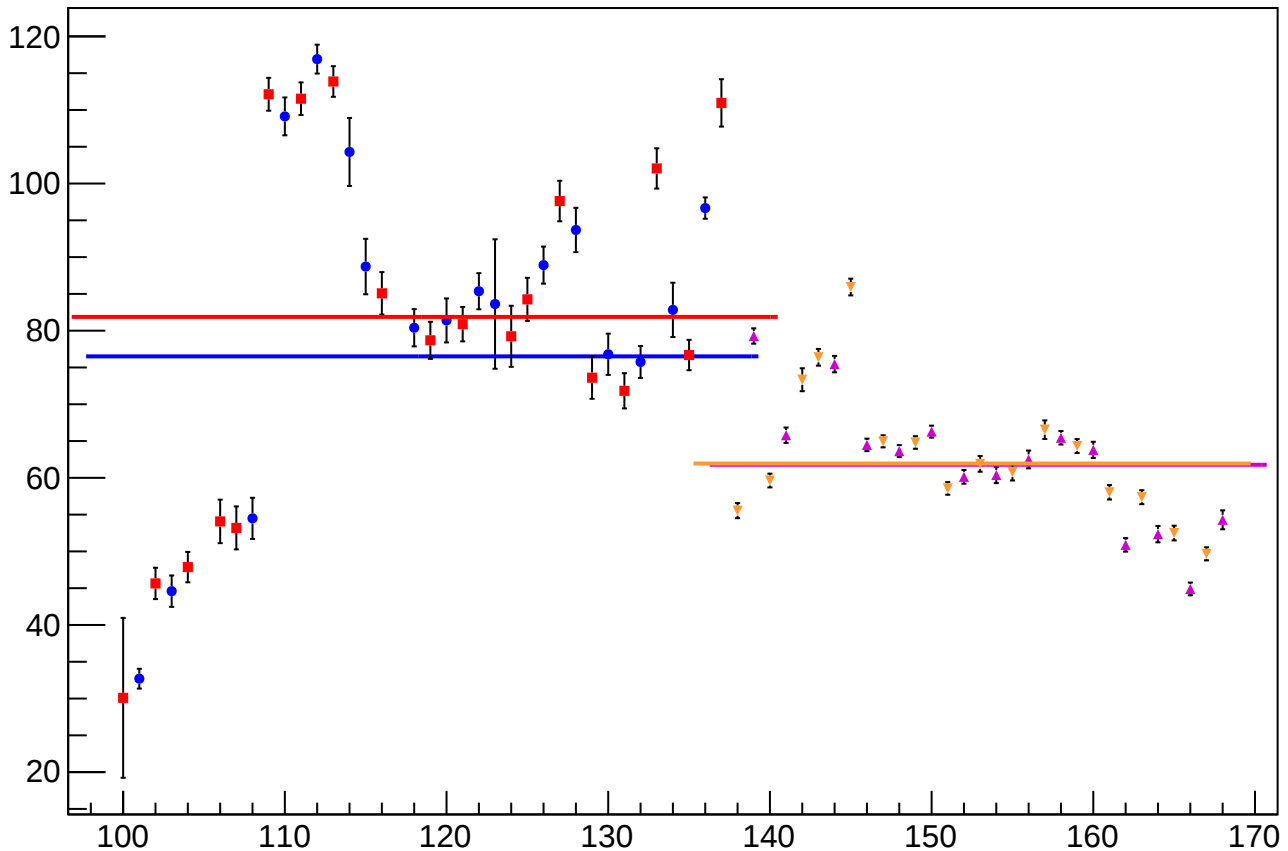
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.376 ± 0.157 χ^2/NDF : 673.5/31

Out: 1.648 ± 0.154 χ^2/NDF : 721.2/34

All: 1.515 ± 0.110 χ^2/NDF : 1396.2/66

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: 81.875+/-0.592 χ^2 /NDF: 1570.7/18

Left In: 61.776+/-0.253 χ^2 /NDF:1146.2/14

Left: 61.862+/-0.178 χ^2 /NDF: 2229.6/30

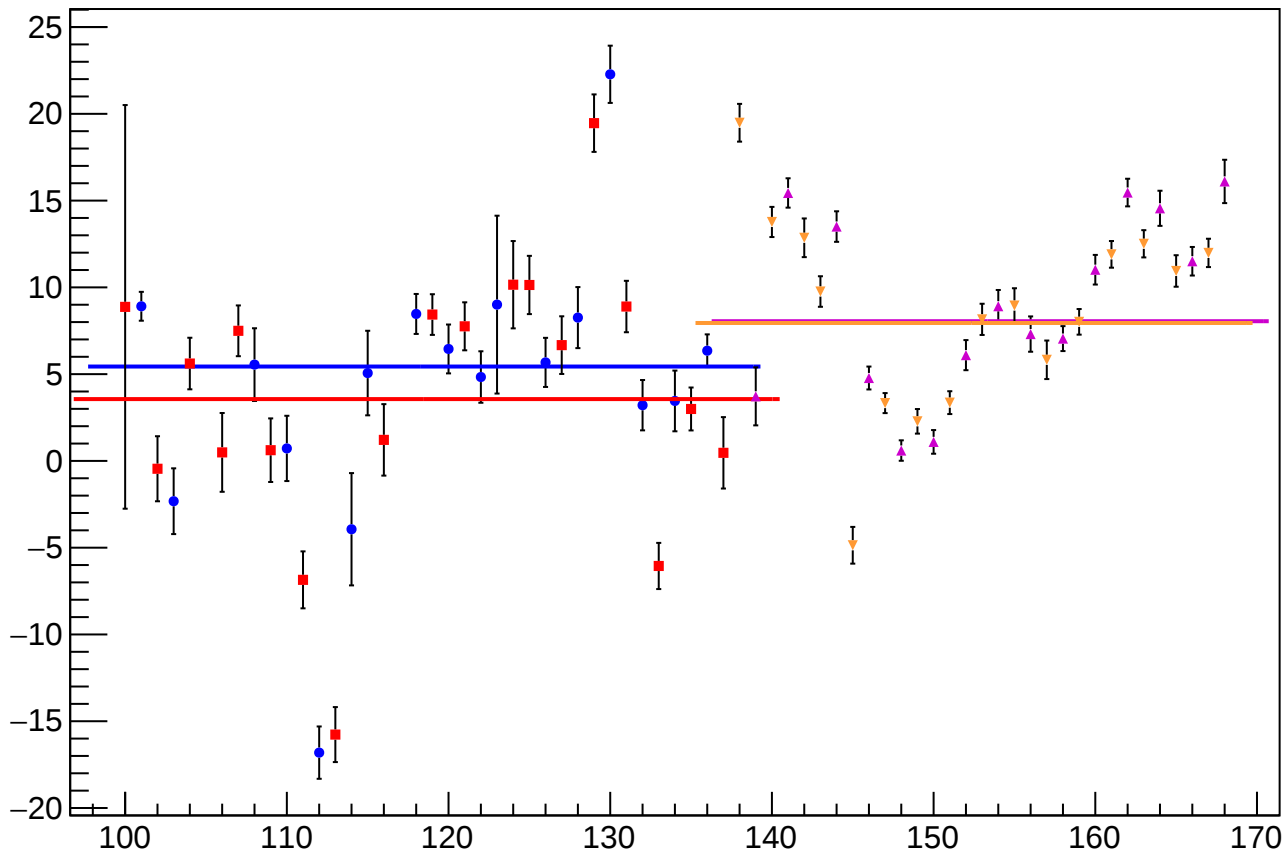
Right: 79.111+/-0.412 χ^2 /NDF: 3864.0/35

In: 64.166+/-0.231 χ^2 /NDF:3948.7/31

Out: 64.960+/-0.230 χ^2 /NDF:3616.8/34

All: 64.565+/-0.163 χ^2 /NDF: 7571.4/66

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 7.948 ± 0.207 $\chi^2/\text{NDF}: 604.5/15$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 8.050 ± 0.214 $\chi^2/\text{NDF}: 617.7/14$

Left: 7.997 ± 0.149 $\chi^2/\text{NDF}: 1222.3/30$

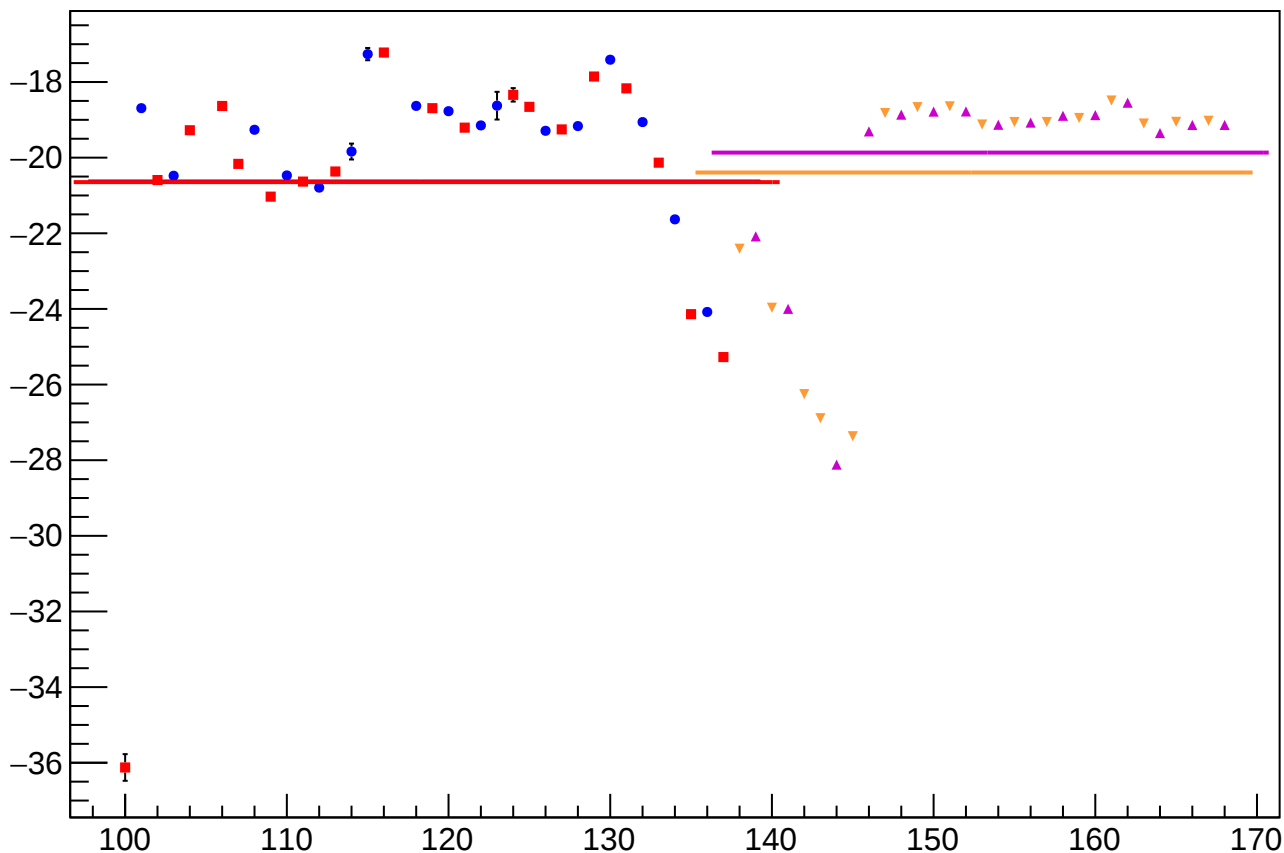
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 7.361 ± 0.184 $\chi^2/\text{NDF}: 1043.1/31$

Out: 6.926 ± 0.181 $\chi^2/\text{NDF}: 1130.1/34$

All: 7.140 ± 0.129 $\chi^2/\text{NDF}: 2176.1/66$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.393 ± 0.010 $\chi^2/\text{NDF}: 80503.6/15$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -19.866 ± 0.010 $\chi^2/\text{NDF}: 48892.2/14$

Left: -20.132 ± 0.007 $\chi^2/\text{NDF}: 130779.3/30$

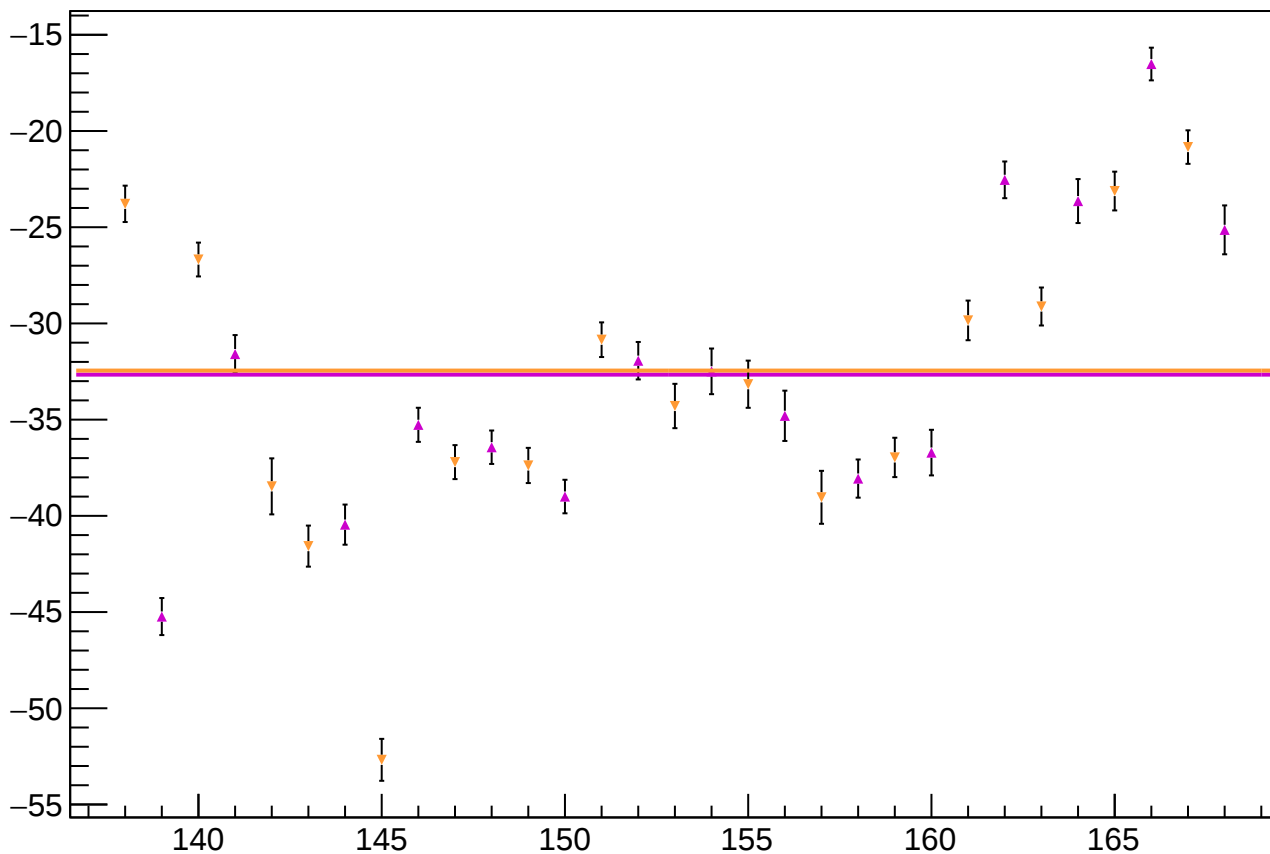
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -20.030 ± 0.009 $\chi^2/\text{NDF}: 62630.3/31$

Out: -20.446 ± 0.009 $\chi^2/\text{NDF}: 94548.4/34$

All: -20.239 ± 0.006 $\chi^2/\text{NDF}: 158273.5/66$

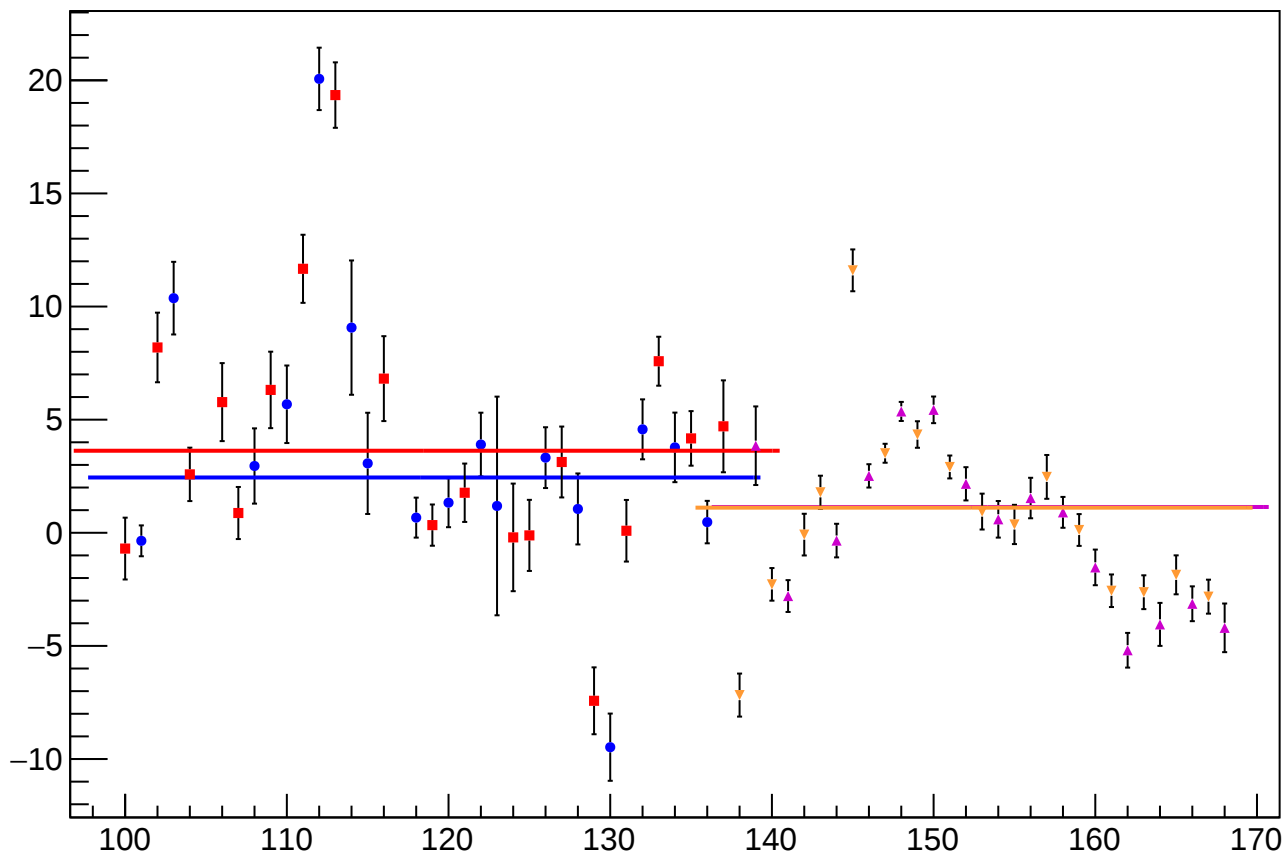
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.450+/-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



Left: 1.125 ± 0.126 χ^2/NDF : 766.6/30

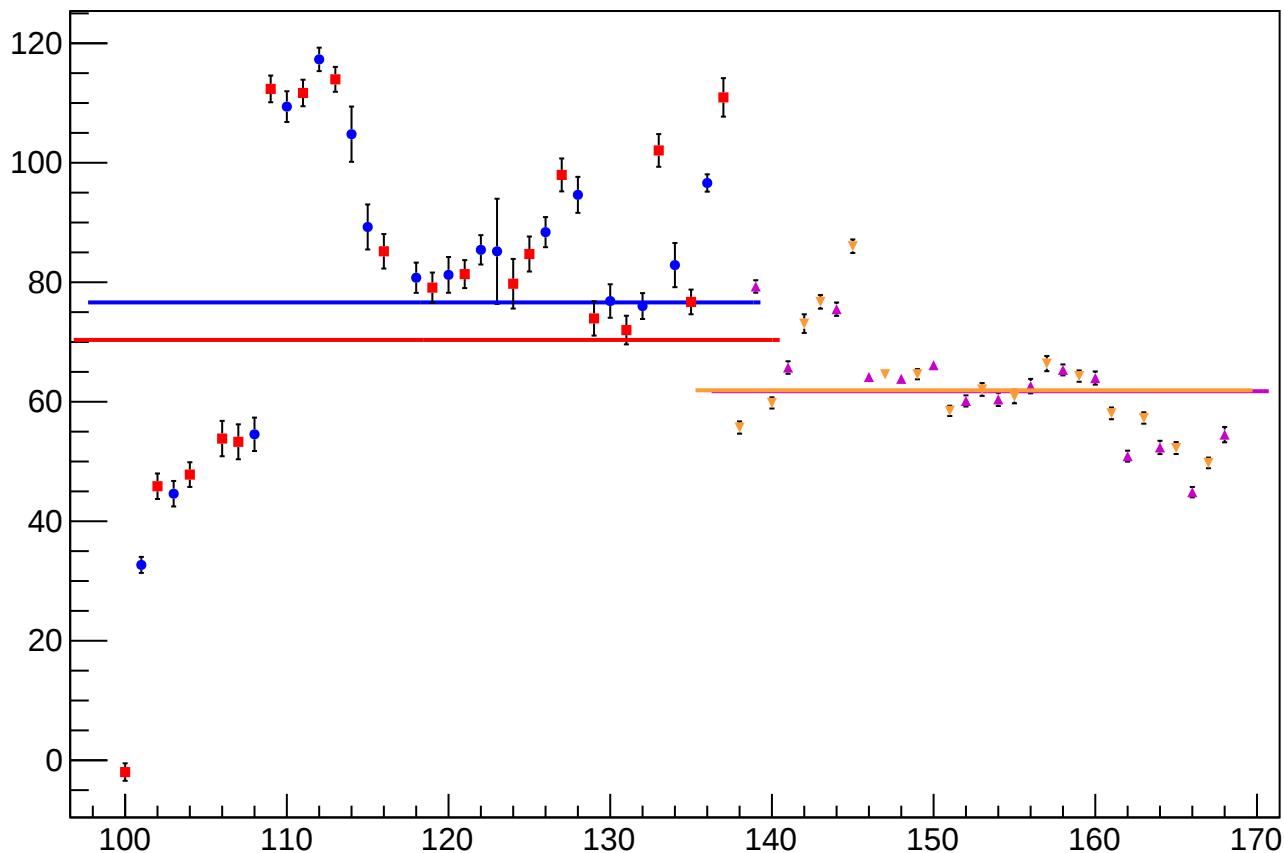
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.472 ± 0.157 χ^2/NDF : 672.1/31

Out: 1.697 ± 0.153 χ^2/NDF : 727.2/34

All: 1.587 ± 0.110 χ^2/NDF : 1400.3/66

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 61.919 $\pm$ 0.250 χ^2 /NDF:1085.6/15

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 61.764 $\pm$ 0.253 χ^2 /NDF:1141.1/14

Left: 61.842 $\pm$ 0.178 χ^2 /NDF: 2226.8/30

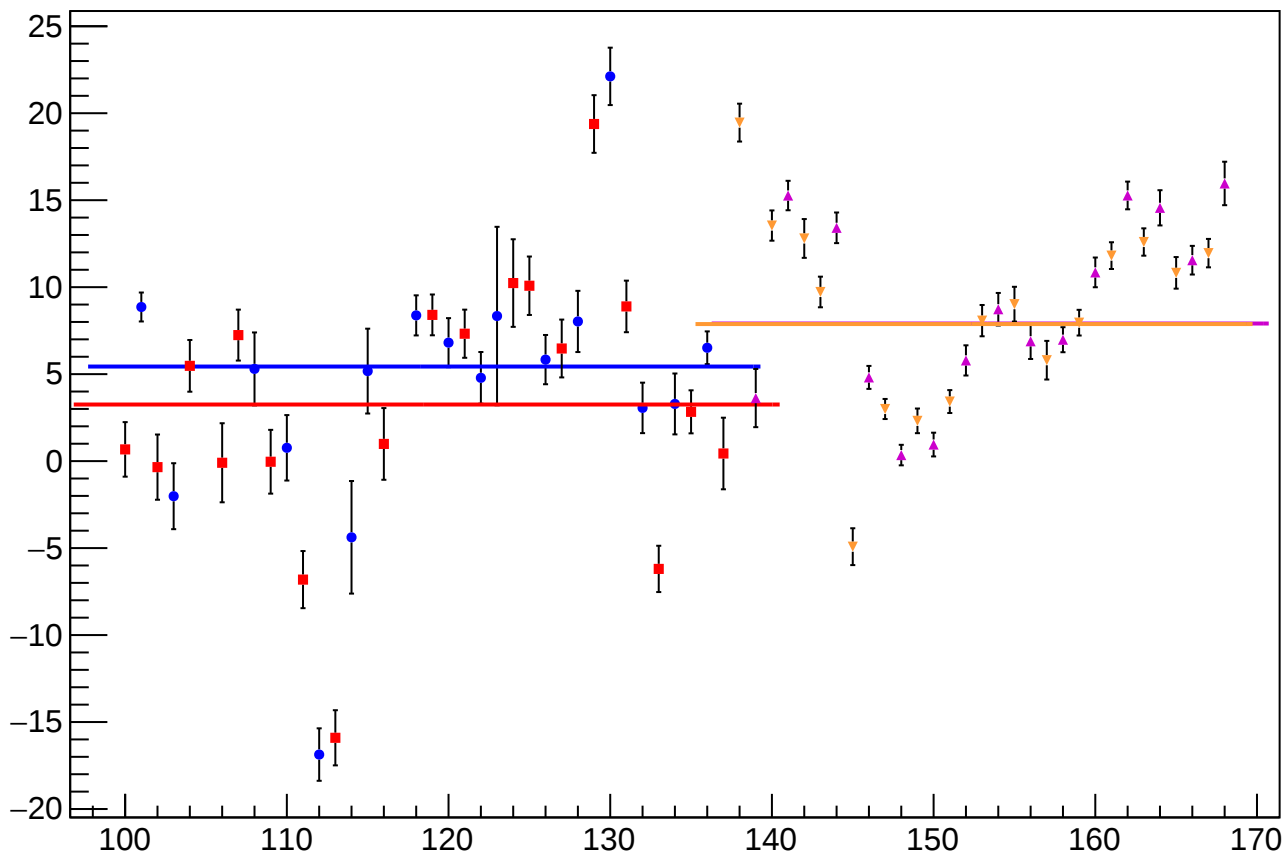
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 64.176 $\pm$ 0.231 χ^2 /NDF:3964.6/31

Out: 63.363 $\pm$ 0.228 χ^2 /NDF:5668.5/34

All: 63.763 $\pm$ 0.162 χ^2 /NDF: 9639.4/66

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 7.879 $\pm$ 0.207 χ^2 /NDF:607.0/15

Right Out: 3.253 $\pm$ 0.365 χ^2 /NDF: 423.7/18

Left In: 7.910 $\pm$ 0.214 χ^2 /NDF:622.5/14

Left: 7.894 $\pm$ 0.149 χ^2 /NDF: 1229.5/30

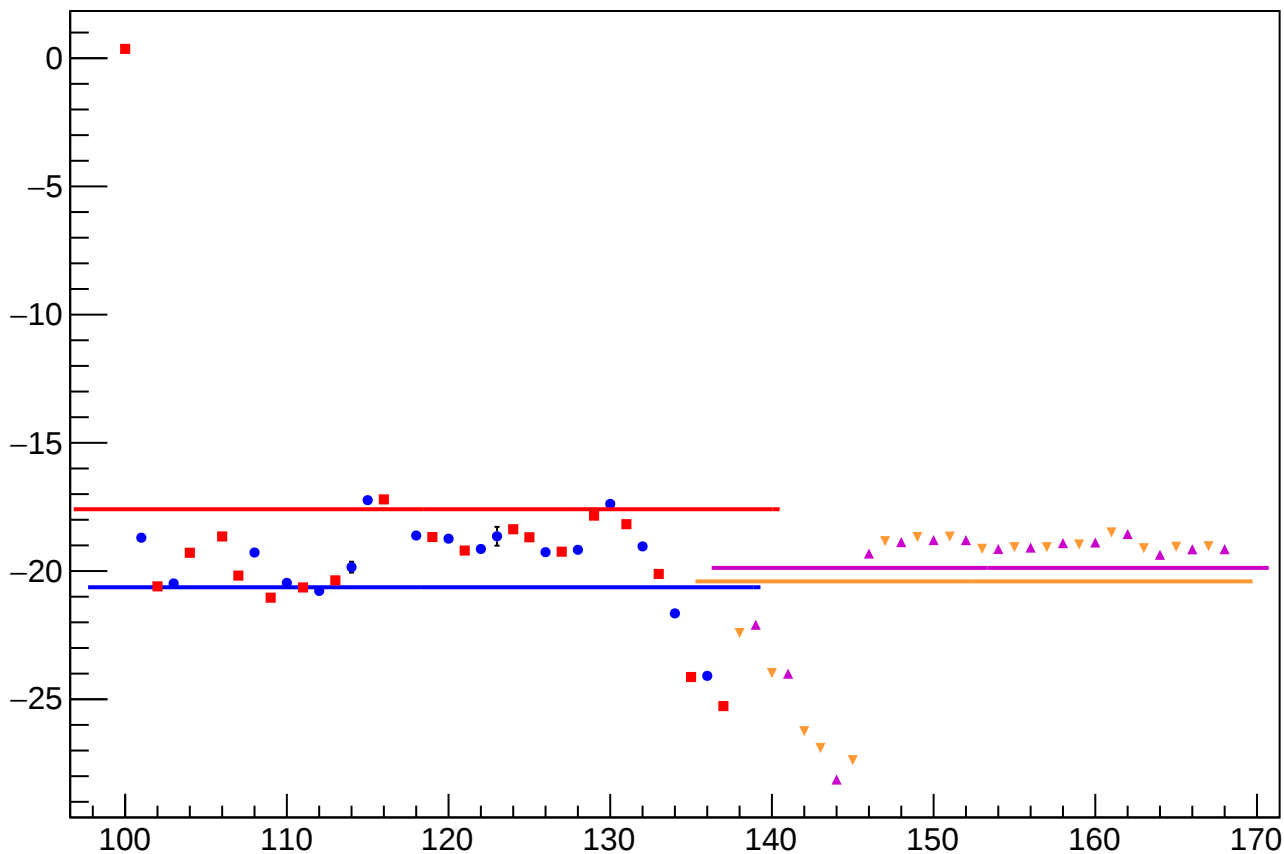
Right: 4.367 $\pm$ 0.256 χ^2 /NDF: 826.5/35

In: 7.257 $\pm$ 0.184 χ^2 /NDF:1042.1/31

Out: 6.754 $\pm$ 0.180 χ^2 /NDF:1152.2/34

All: 7.001 $\pm$ 0.129 χ^2 /NDF: 2198.1/66

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.402 ± 0.010 $\chi^2/\text{NDF}: 80376.4/15$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.878 ± 0.010 $\chi^2/\text{NDF}: 48818.8/14$

Left: -20.142 ± 0.007 $\chi^2/\text{NDF}: 130567.2/30$

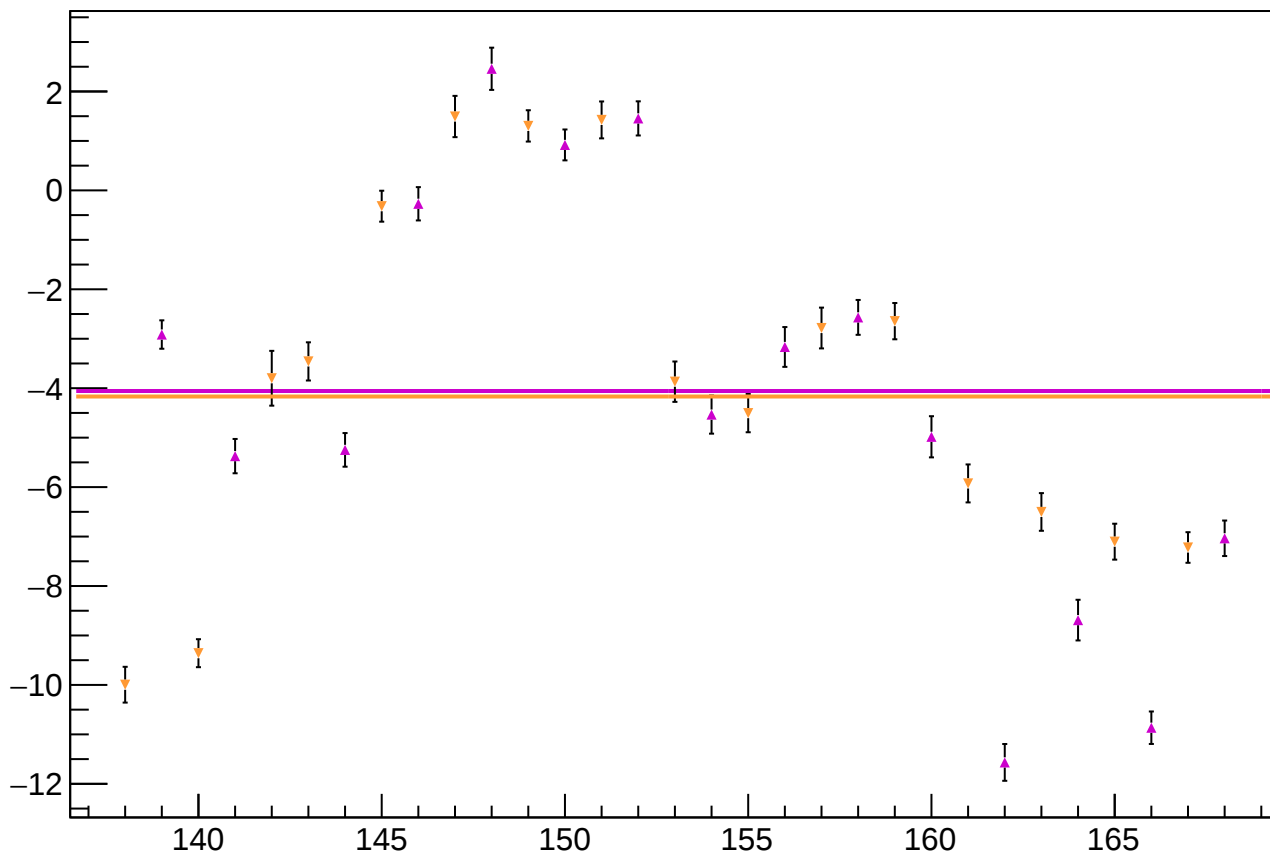
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.039 ± 0.009 $\chi^2/\text{NDF}: 62563.6/31$

Out: -19.743 ± 0.009 $\chi^2/\text{NDF}: 277721.7/34$

All: -19.887 ± 0.006 $\chi^2/\text{NDF}: 340848.3/66$

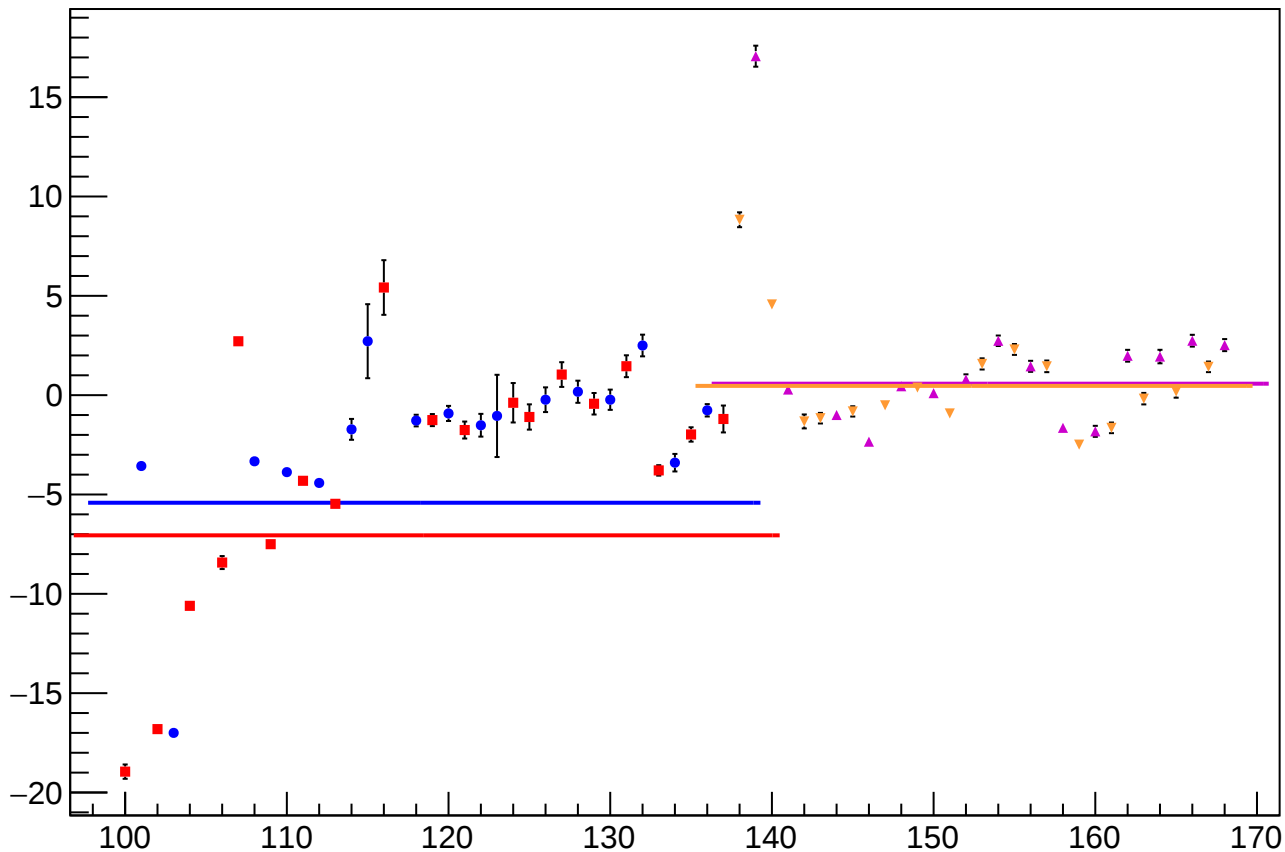
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.577 ± 0.068 χ^2/NDF : 1575.2/14

Left: 0.520 ± 0.047 χ^2/NDF : 2819.6/30

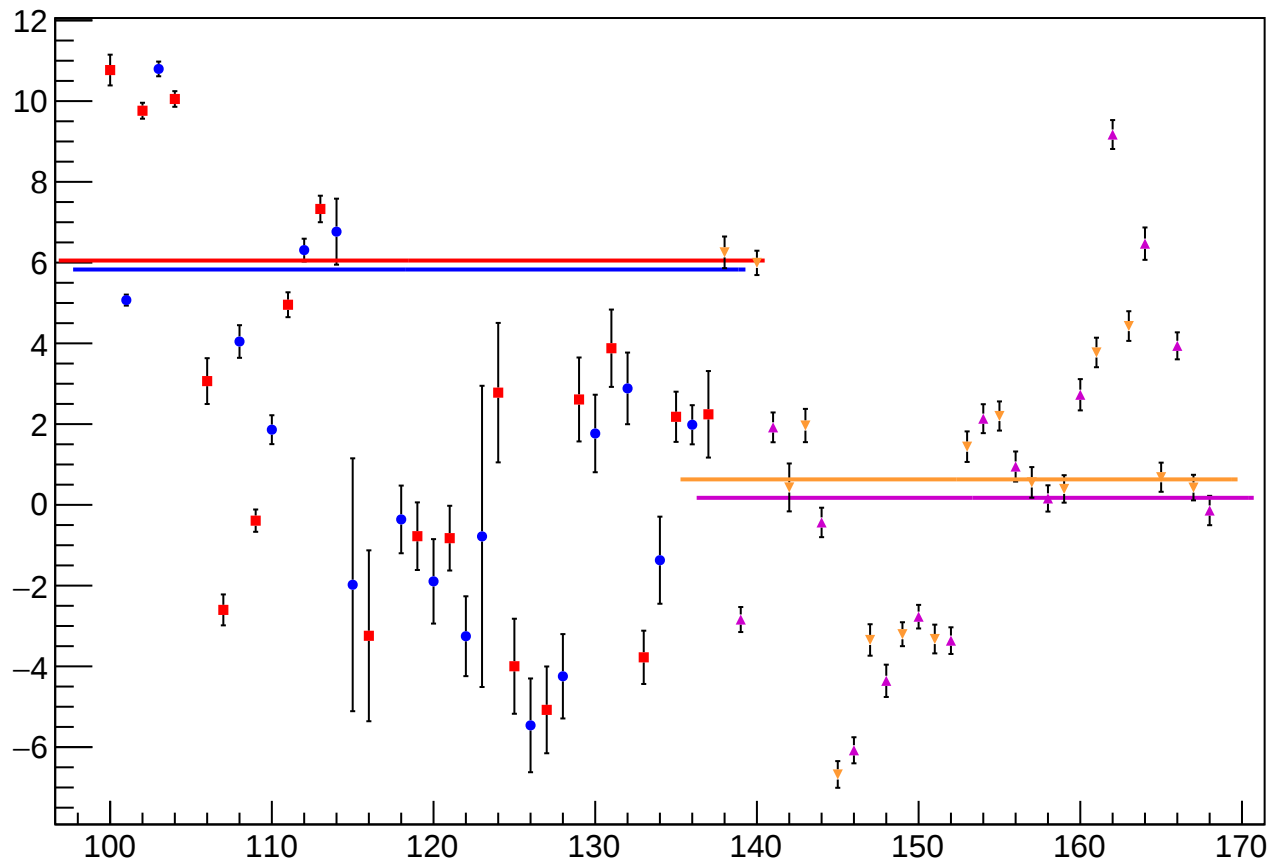
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -3.051 ± 0.043 χ^2/NDF : 15555.6/31

Out: -3.673 ± 0.044 χ^2/NDF : 20885.4/34

All: -3.353 ± 0.031 χ^2/NDF : 36544.6/66

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: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: 0.174 ± 0.090 $\chi^2/\text{NDF}: 1922.3/14$

Left: 0.403 ± 0.064 $\chi^2/\text{NDF}: 3556.4/30$

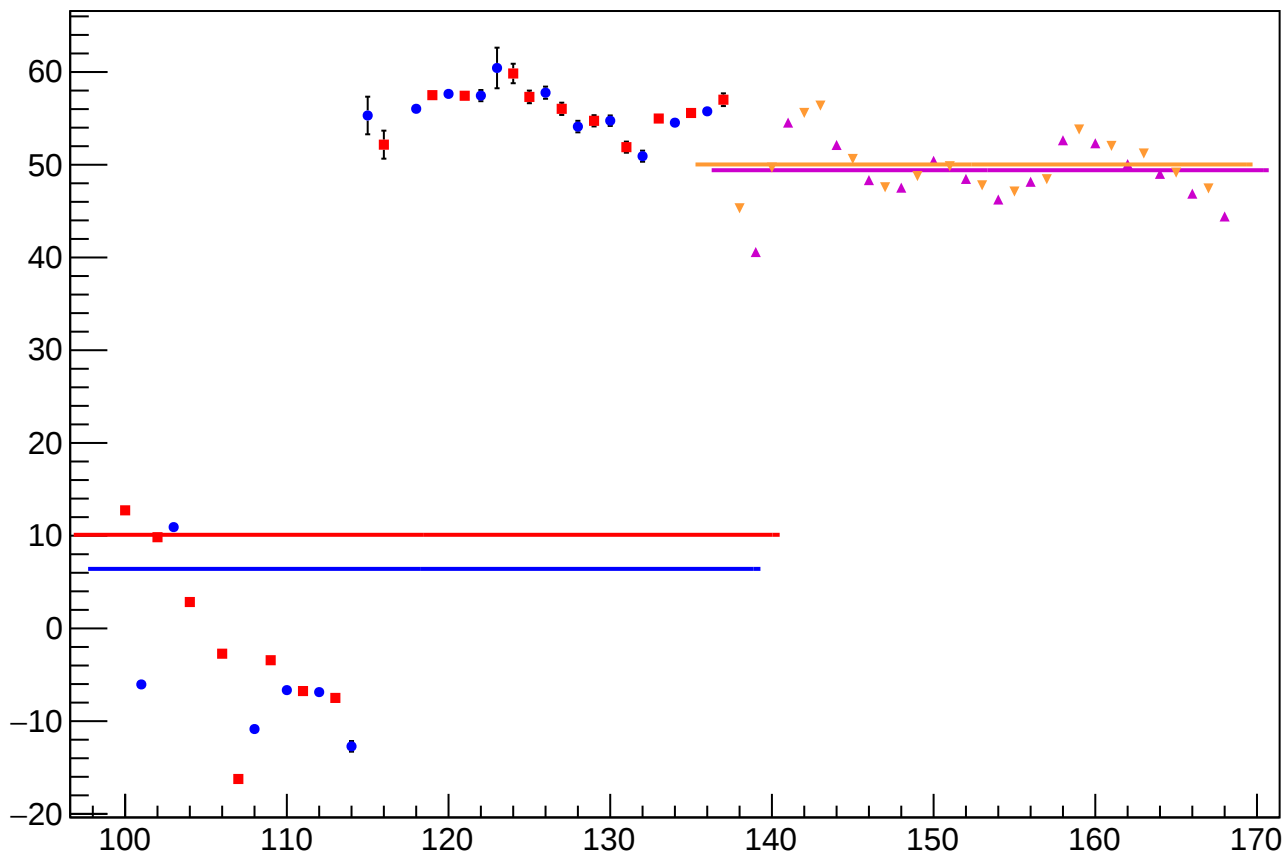
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.012 ± 0.063 $\chi^2/\text{NDF}: 5354.0/31$

Out: 3.238 ± 0.065 $\chi^2/\text{NDF}: 6047.4/34$

All: 3.122 ± 0.045 $\chi^2/\text{NDF}: 11407.6/66$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.031 ± 0.076 χ^2/NDF : 1311.9/15

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.410 ± 0.078 χ^2/NDF : 1412.9/14

Left: 49.730 ± 0.054 χ^2/NDF : 2757.2/30

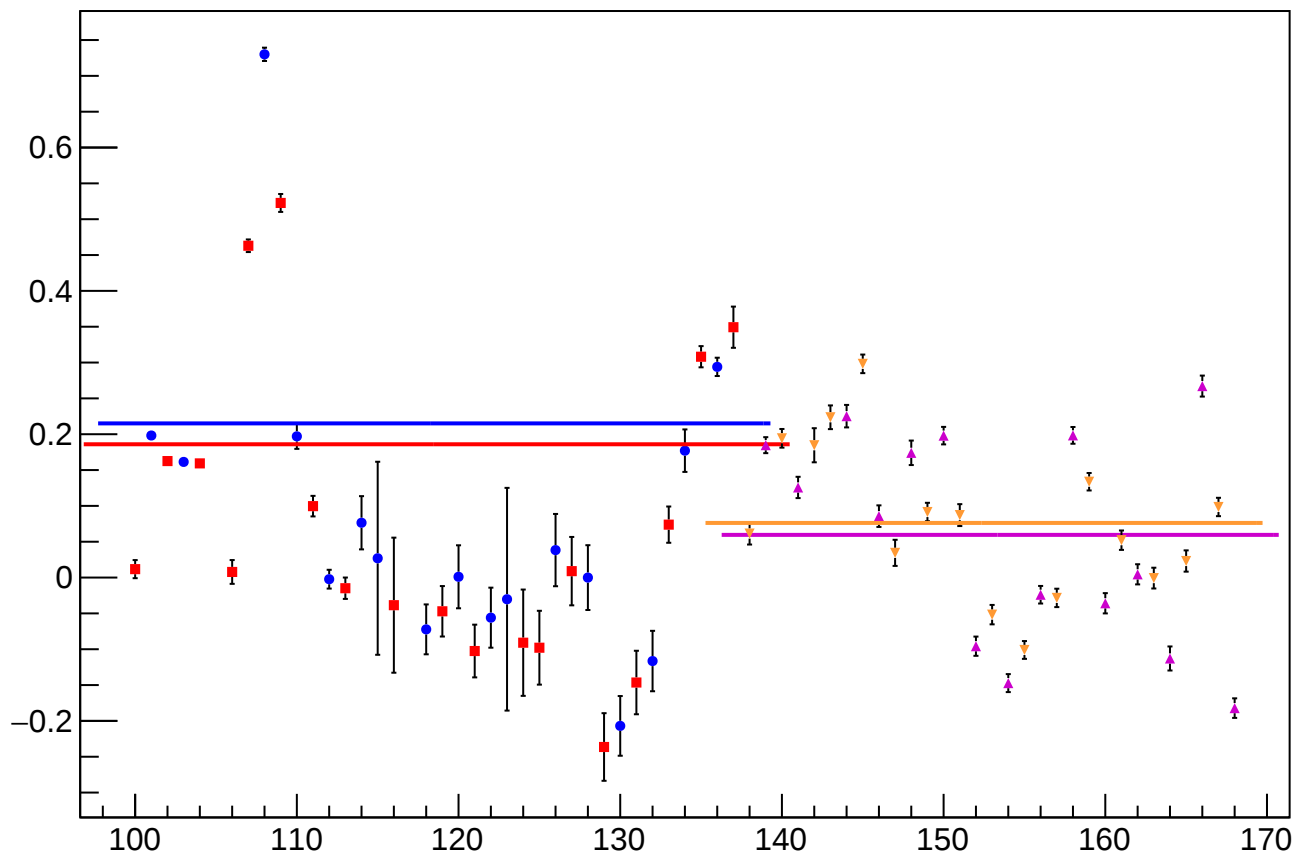
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 23.890 ± 0.050 χ^2/NDF : 303749.6/31

Out: 28.391 ± 0.051 χ^2/NDF : 273779.1/34

All: 26.077 ± 0.036 χ^2/NDF : 581484.8/66

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.076 $\pm$ 0.004 χ^2 /NDF: 912.6/15

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.060 $\pm$ 0.004 χ^2 /NDF: 1708.4/14

Left: 0.068 $\pm$ 0.002 χ^2 /NDF: 2632.2/30

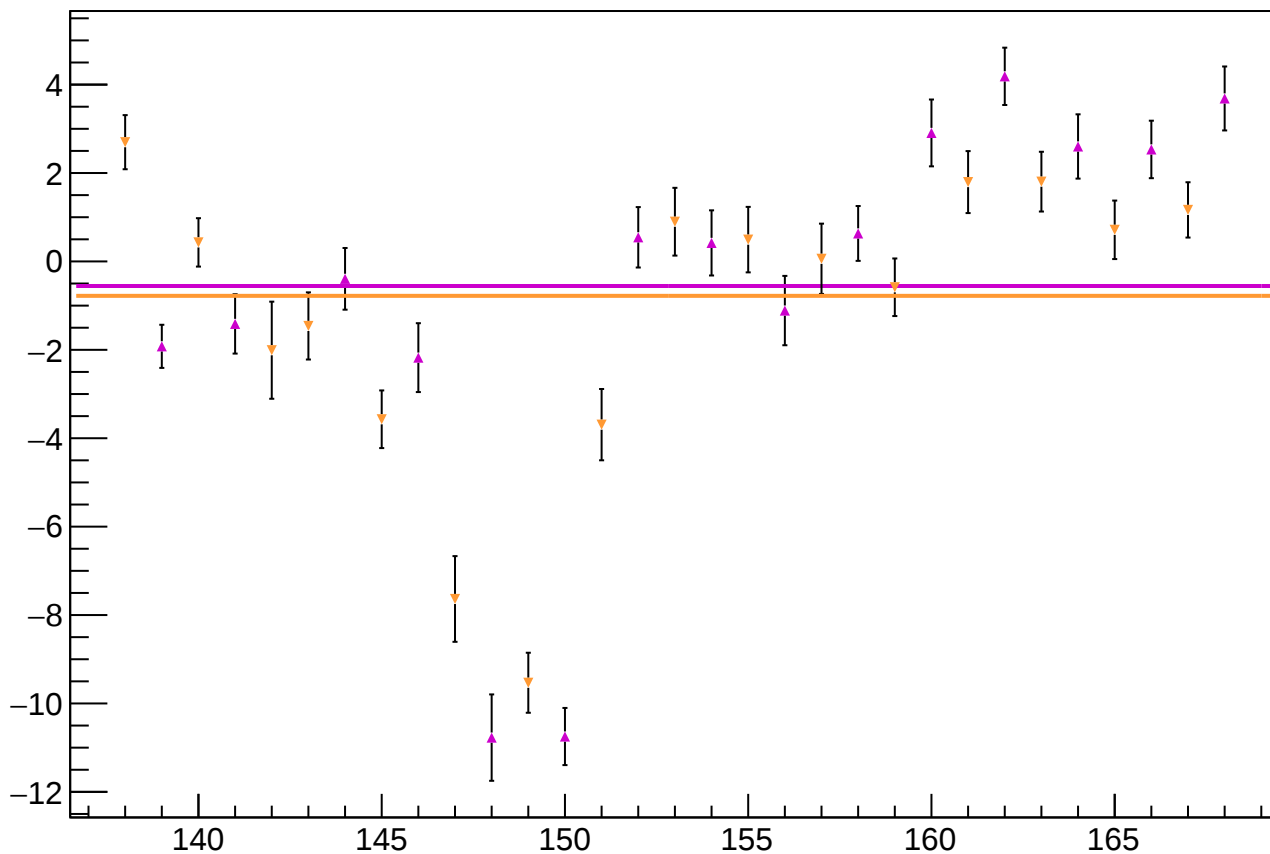
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.156 $\pm$ 0.002 χ^2 /NDF: 6842.0/31

Out: 0.146 $\pm$ 0.002 χ^2 /NDF: 4245.1/34

All: 0.151 $\pm$ 0.002 χ^2 /NDF: 11097.8/66

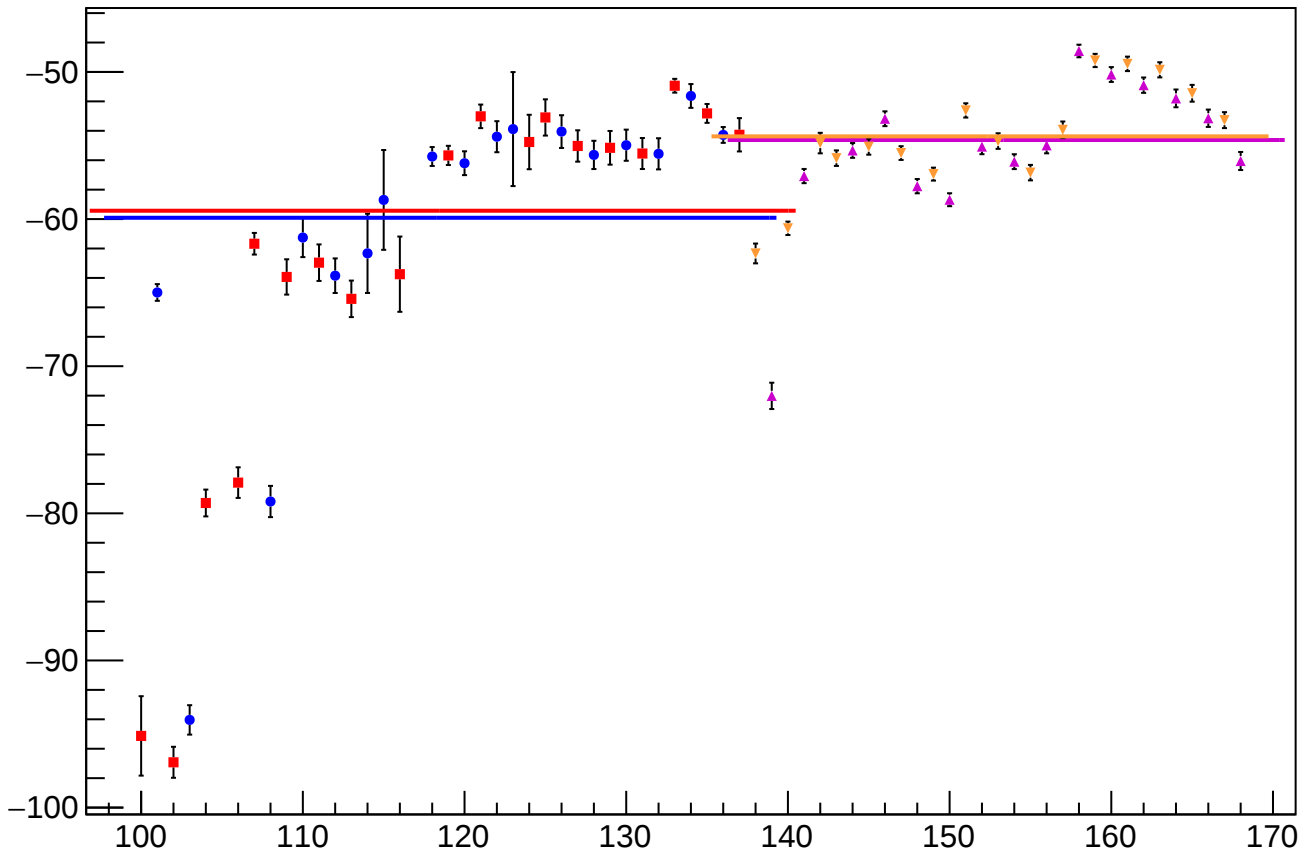
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.779 $\pm$ 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: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.625 ± 0.135 χ^2/NDF : 911.4/14

Left: -54.497 ± 0.093 χ^2/NDF : 1665.1/30

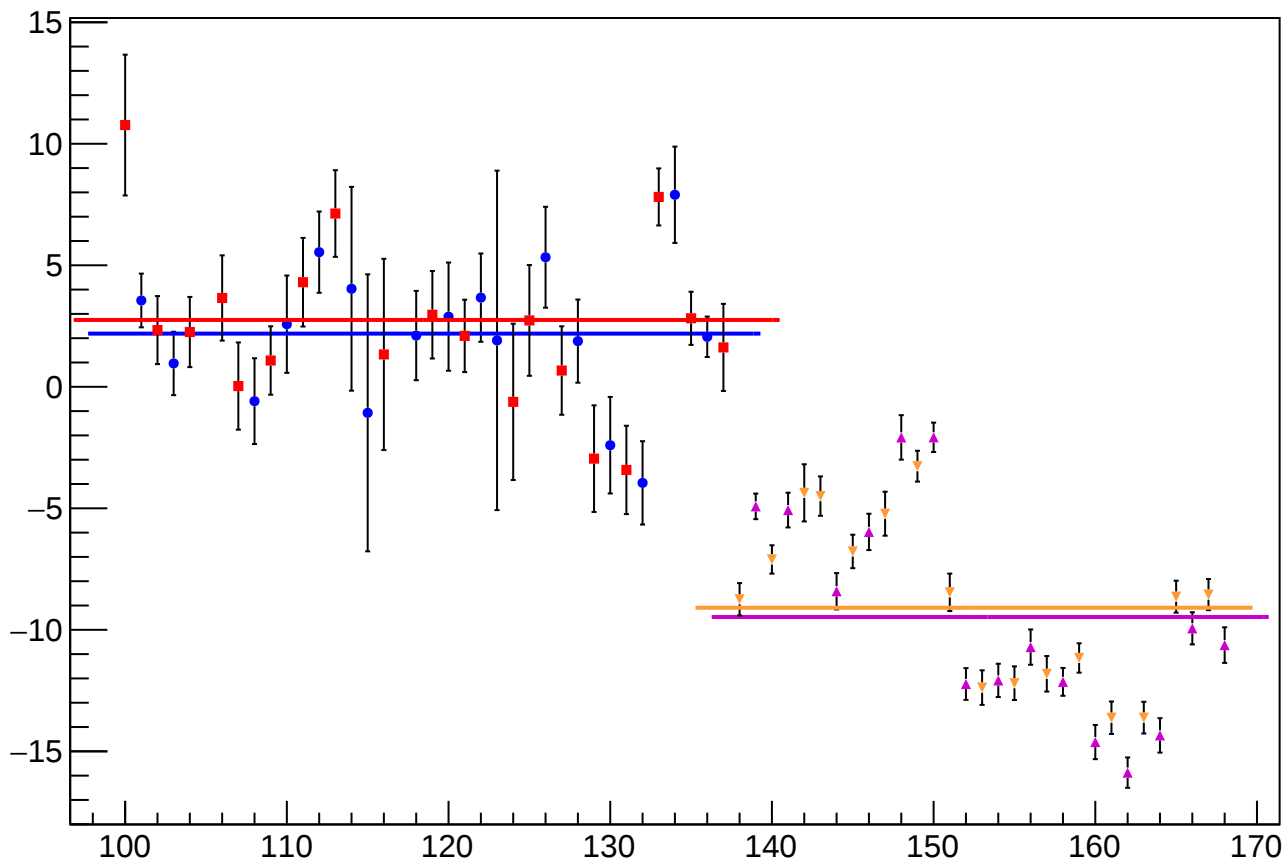
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -56.034 ± 0.115 χ^2/NDF : 3303.5/31

Out: -55.754 ± 0.110 χ^2/NDF : 4085.7/34

All: -55.888 ± 0.080 χ^2/NDF : 7392.3/66

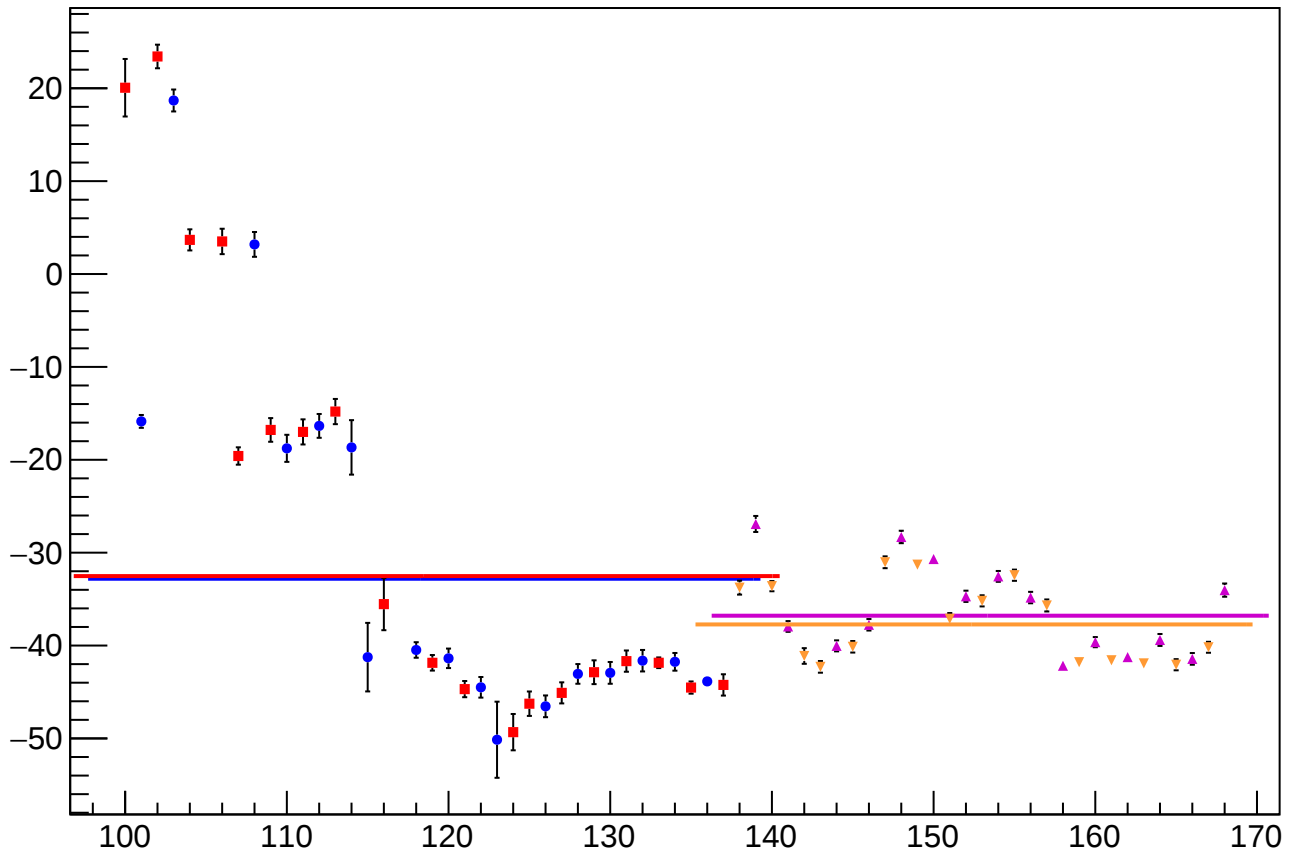
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.090 ± 0.174 $\chi^2/\text{NDF}: 336.7/15$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -9.473 ± 0.174 $\chi^2/\text{NDF}: 617.0/14$

Left: -9.282 ± 0.123 $\chi^2/\text{NDF}: 956.2/30$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -7.661 ± 0.159 $\chi^2/\text{NDF}: 1358.0/31$
 Out: -7.099 ± 0.159 $\chi^2/\text{NDF}: 1172.6/34$
 All: -7.379 ± 0.113 $\chi^2/\text{NDF}: 2536.8/66$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.727 ± 0.149 $\chi^2/\text{NDF}: 789.2/15$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.787 ± 0.153 $\chi^2/\text{NDF}: 868.7/14$

Left: -37.271 ± 0.107 $\chi^2/\text{NDF}: 1677.3/30$

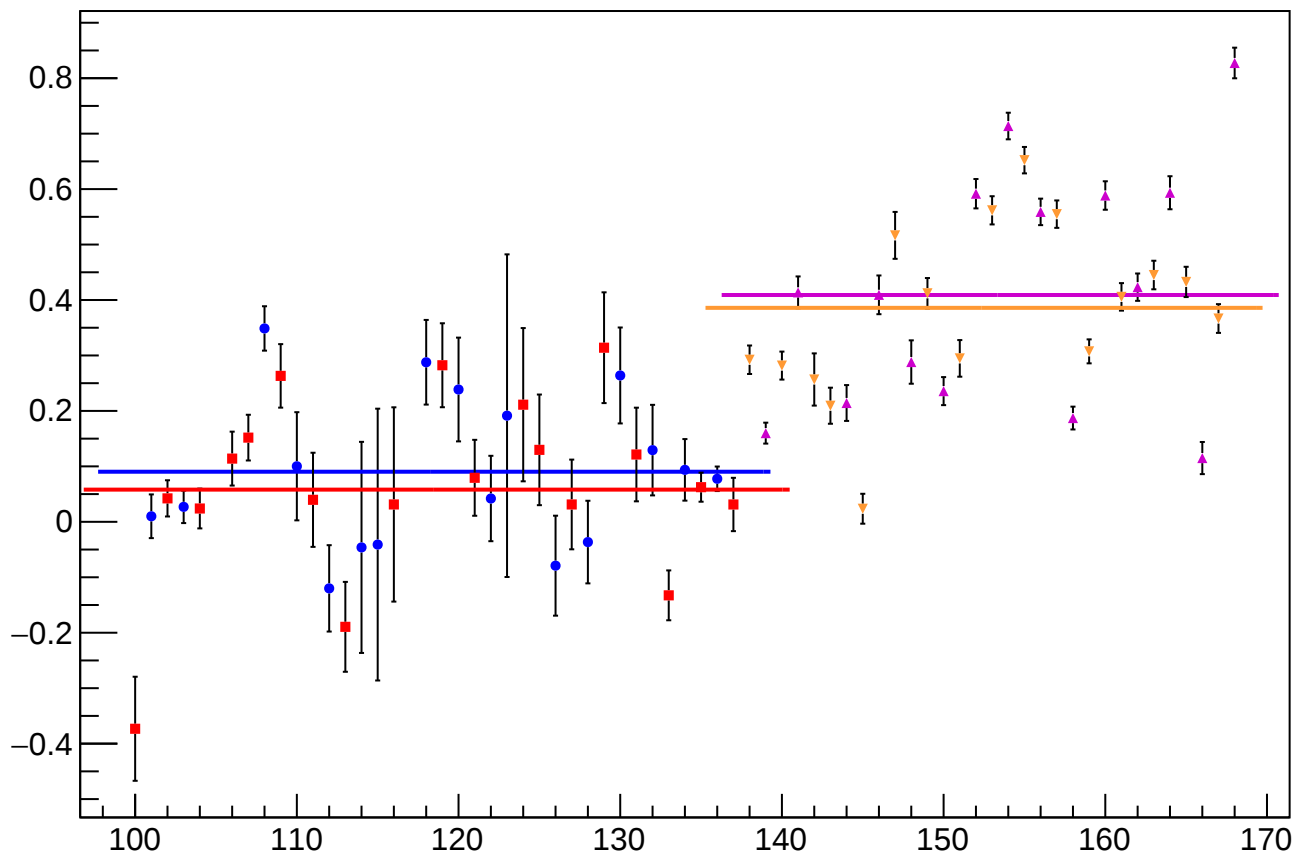
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -35.729 ± 0.131 $\chi^2/\text{NDF}: 5711.4/31$

Out: -36.317 ± 0.127 $\chi^2/\text{NDF}: 7162.1/34$

All: -36.032 ± 0.091 $\chi^2/\text{NDF}: 12884.0/66$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.386 ± 0.007 $\chi^2/\text{NDF}: 507.7/15$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.409 ± 0.007 $\chi^2/\text{NDF}: 1051.7/14$

Left: 0.398 ± 0.005 $\chi^2/\text{NDF}: 1565.2/30$

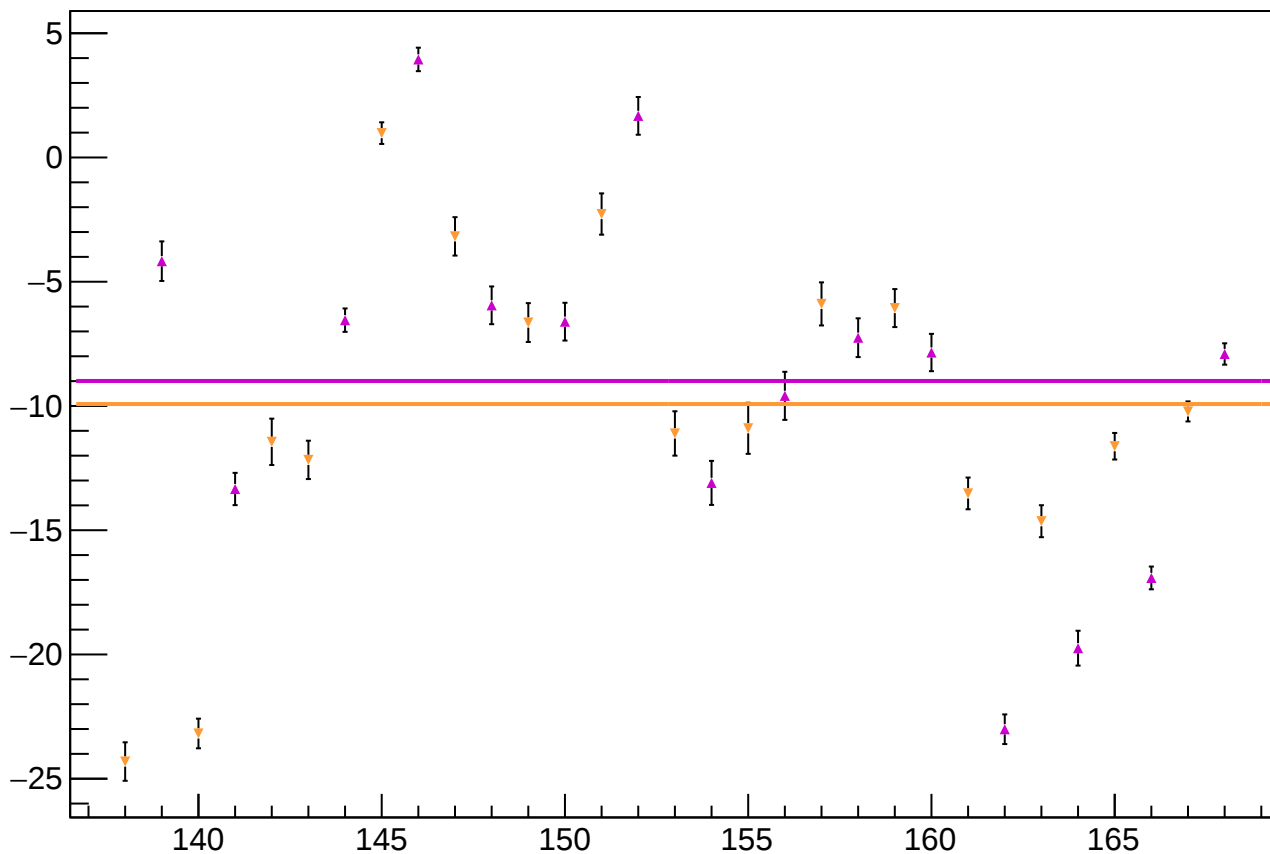
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.339 ± 0.006 $\chi^2/\text{NDF}: 1621.2/31$

Out: 0.308 ± 0.006 $\chi^2/\text{NDF}: 1150.3/34$

All: 0.324 ± 0.004 $\chi^2/\text{NDF}: 2785.6/66$

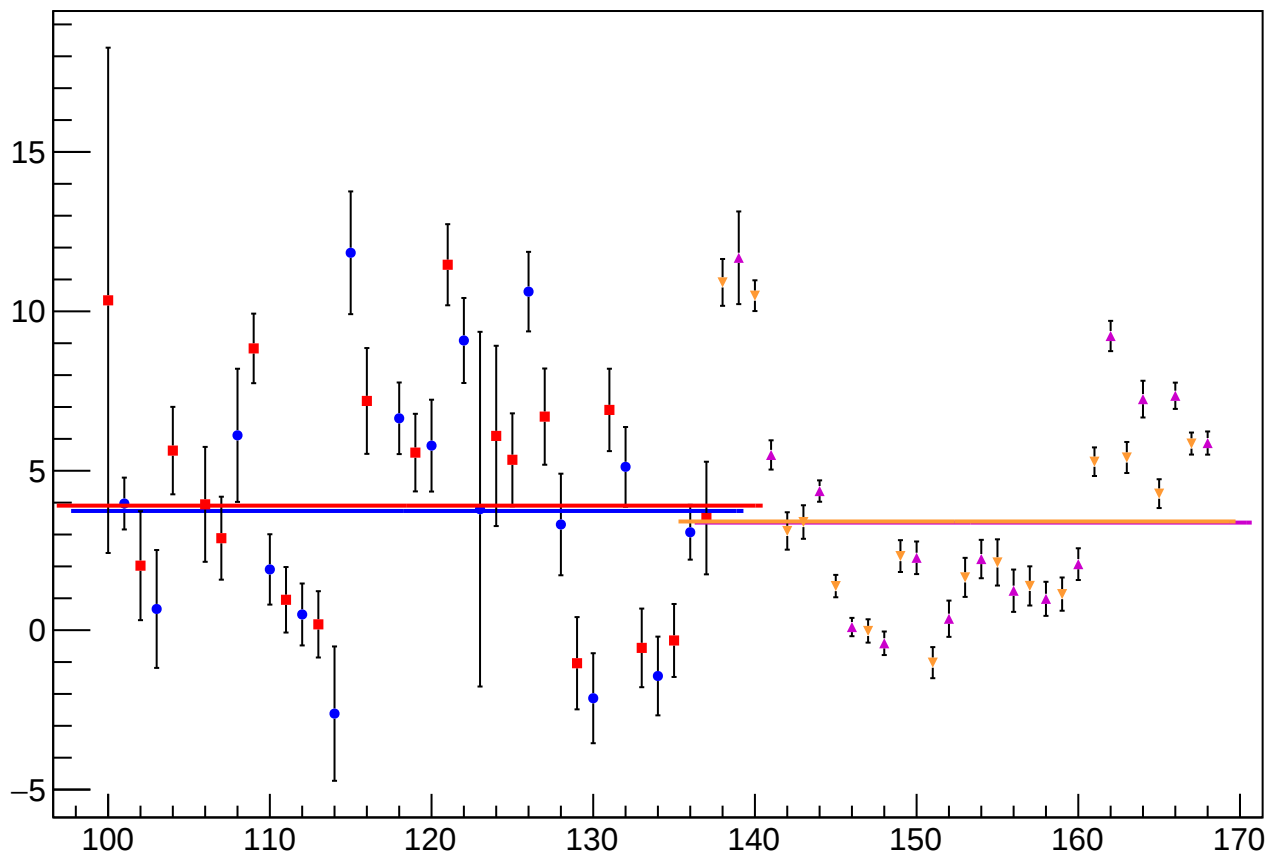
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.922+/-0.164 χ^2/NDF :1799.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.994+/-0.160 χ^2/NDF :2203.7/14

Left: -9.447+/-0.115 χ^2/NDF : 4019.5/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.994+/-0.160 χ^2/NDF :2203.7/14
 Out: -9.922+/-0.164 χ^2/NDF :1799.4/15
 All: -9.447+/-0.115 χ^2/NDF : 4019.5/30

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 3.409 ± 0.120 χ^2/NDF : 658.0/15

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 3.374 ± 0.116 χ^2/NDF : 709.3/14

Left: 3.391 ± 0.083 χ^2/NDF : 1367.3/30

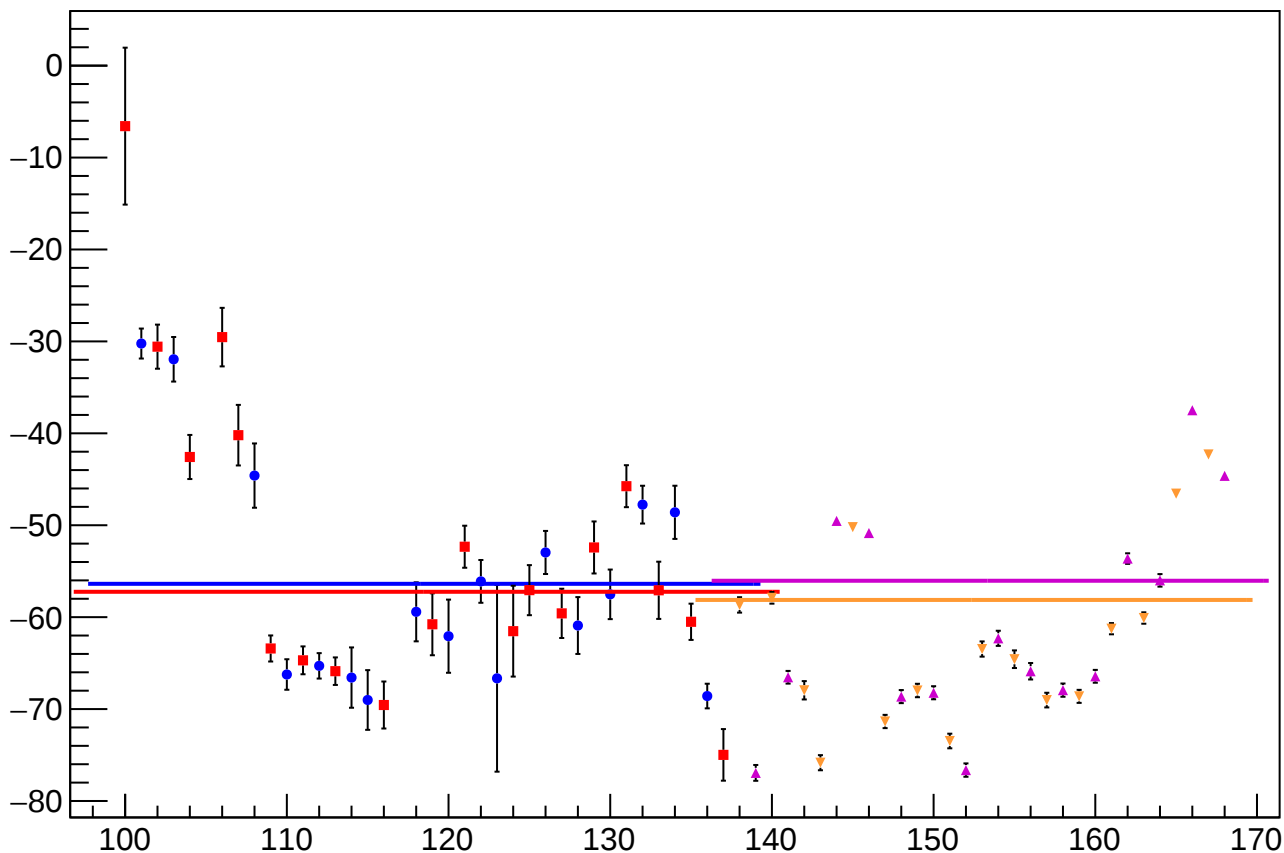
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 3.419 ± 0.109 χ^2/NDF : 847.4/31

Out: 3.472 ± 0.112 χ^2/NDF : 795.7/34

All: 3.445 ± 0.078 χ^2/NDF : 1643.2/66

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -58.127 ± 0.164 χ^2/NDF : 4211.3/15

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -56.040 ± 0.158 χ^2/NDF : 5492.0/14

Left: -57.047 ± 0.114 χ^2/NDF : 9787.0/30

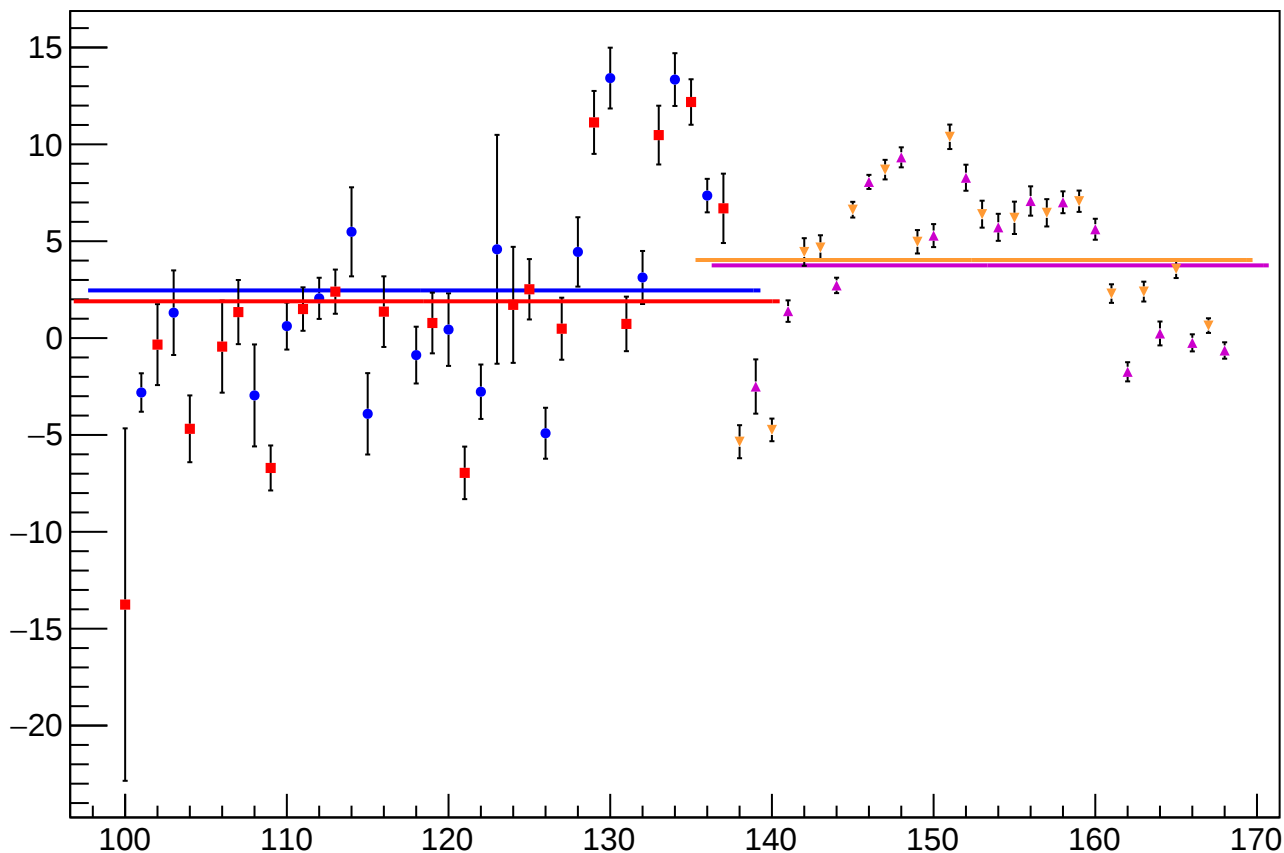
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -56.066 ± 0.152 χ^2/NDF : 6079.9/31

Out: -58.051 ± 0.157 χ^2/NDF : 4690.1/34

All: -57.028 ± 0.109 χ^2/NDF : 10852.5/66

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.030 ± 0.138 χ^2/NDF : 742.8/15

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 3.752 ± 0.136 χ^2/NDF : 771.1/14

Left: 3.889 ± 0.097 χ^2/NDF : 1515.9/30

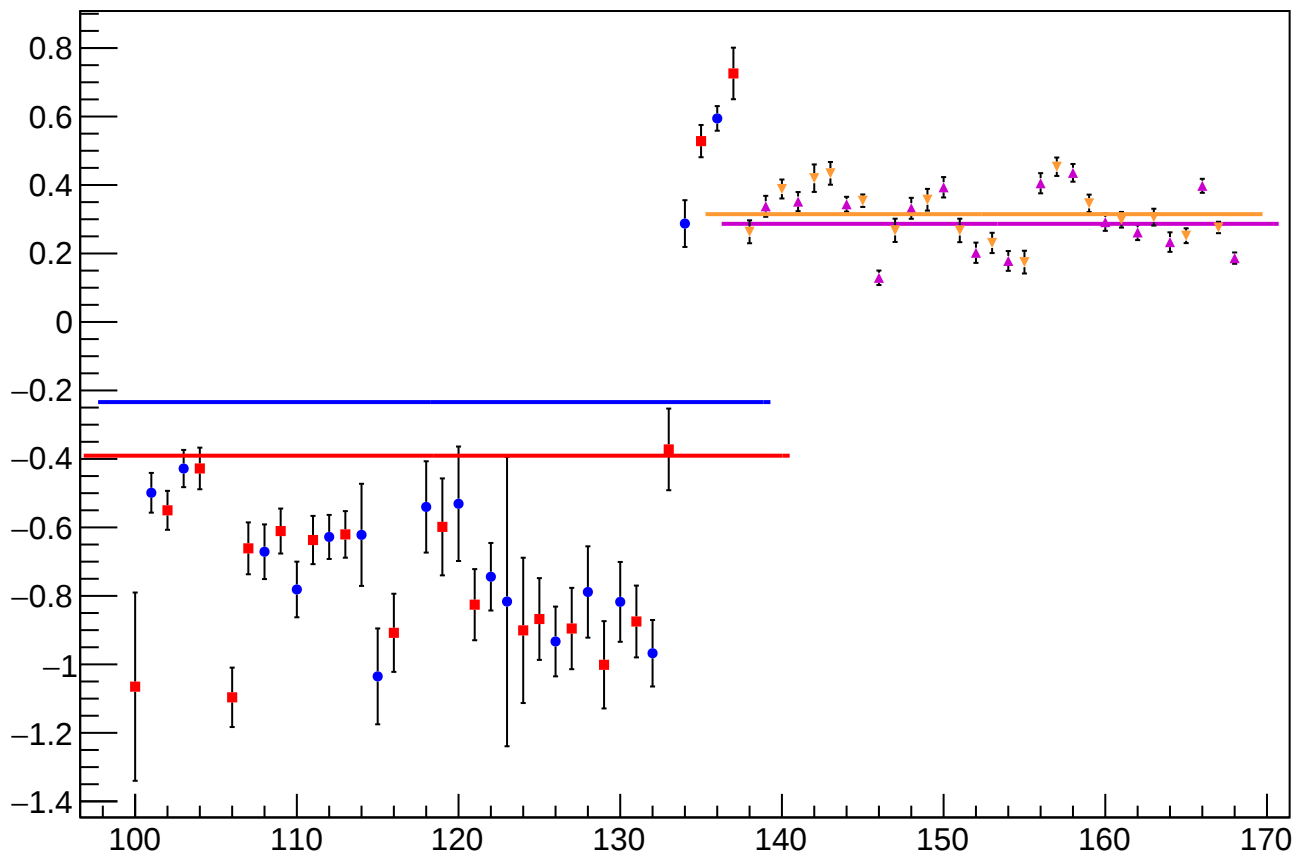
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 3.580 ± 0.126 χ^2/NDF : 1027.1/31

Out: 3.749 ± 0.129 χ^2/NDF : 1042.2/34

All: 3.663 ± 0.090 χ^2/NDF : 2070.2/66

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: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.287 ± 0.006 χ^2/NDF : 228.0/14

Left: 0.300 ± 0.005 χ^2/NDF : 345.5/30

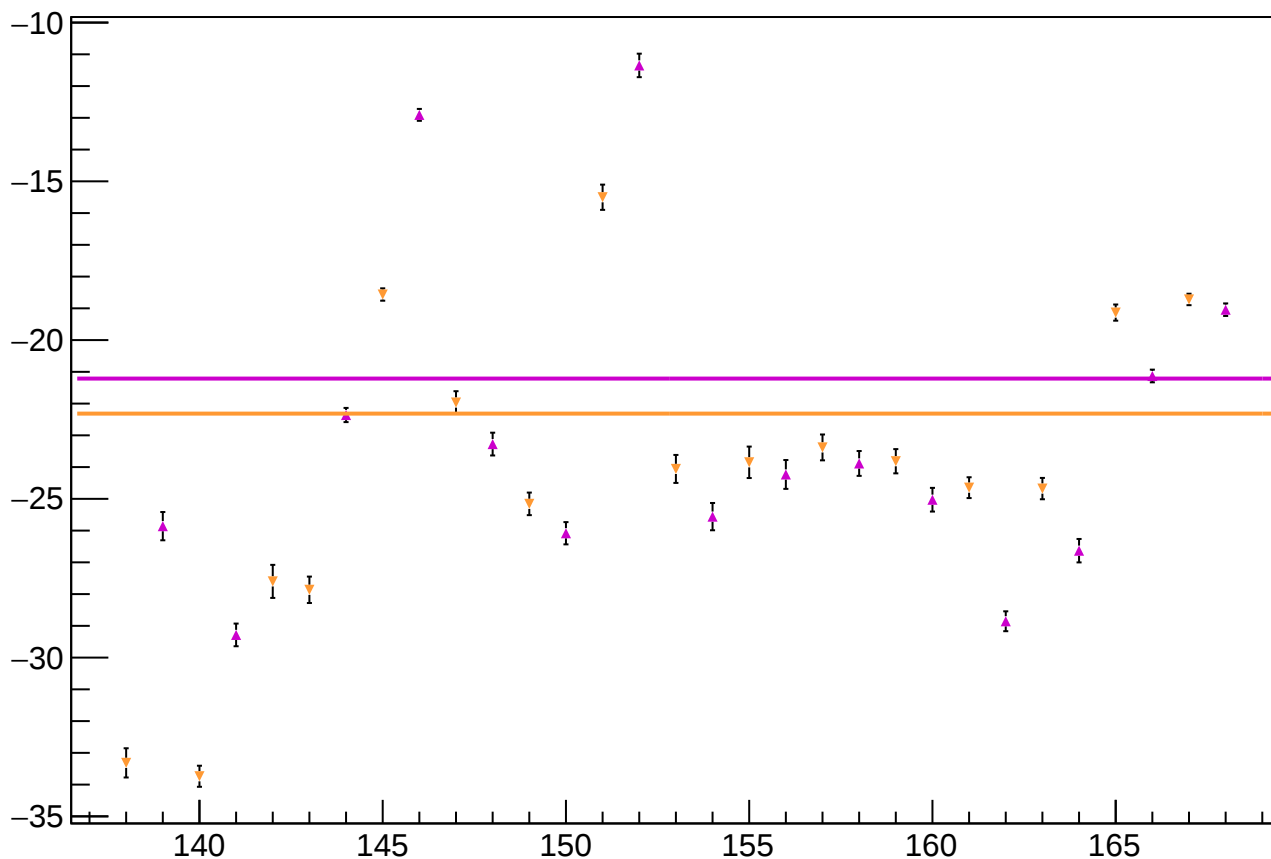
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.234 ± 0.006 χ^2/NDF : 1868.0/31

Out: 0.241 ± 0.006 χ^2/NDF : 2199.5/34

All: 0.237 ± 0.004 χ^2/NDF : 4068.3/66

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



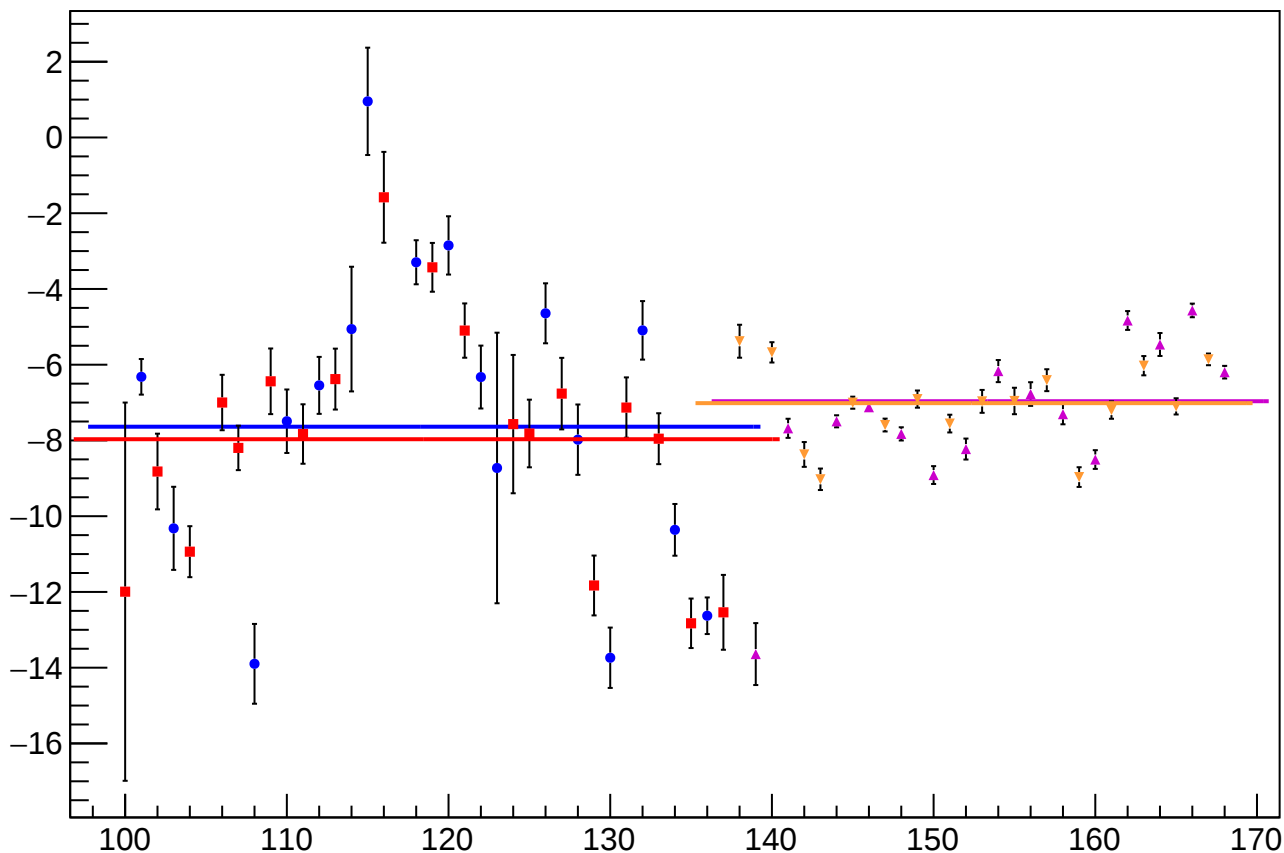
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.316 $\pm$ 0.080 χ^2 /NDF:3466.1/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -21.212 $\pm$ 0.075 χ^2 /NDF:4778.6/14

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: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.964 ± 0.054 χ^2/NDF : 546.1/14

Left: -6.988 ± 0.040 χ^2/NDF : 802.8/30

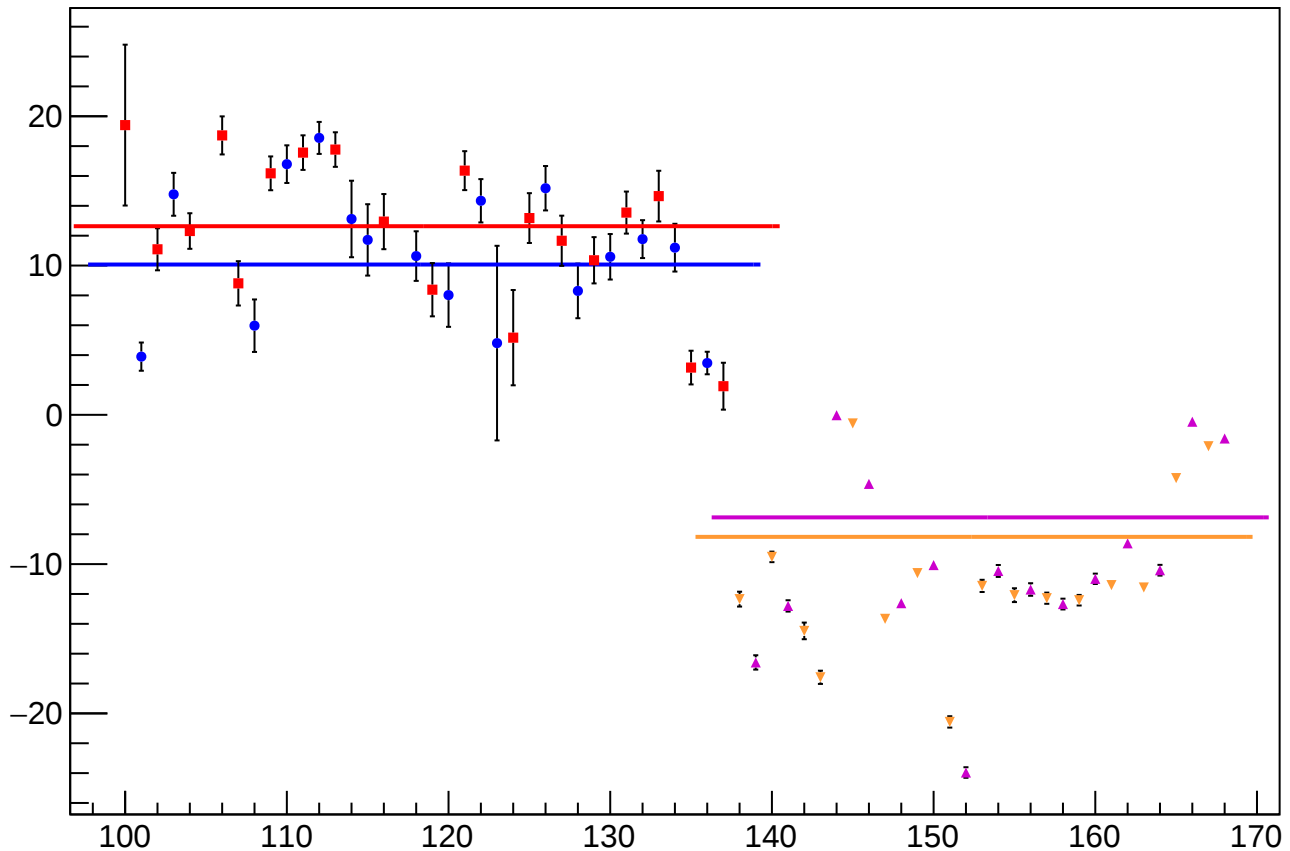
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.017 ± 0.052 χ^2/NDF : 952.2/31

Out: -7.100 ± 0.055 χ^2/NDF : 507.4/34

All: -7.056 ± 0.038 χ^2/NDF : 1460.8/66

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -8.175 ± 0.079 $\chi^2/\text{NDF}: 5344.7/15$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -6.870 ± 0.074 $\chi^2/\text{NDF}: 6774.9/14$

Left: -7.480 ± 0.054 $\chi^2/\text{NDF}: 12264.0/30$

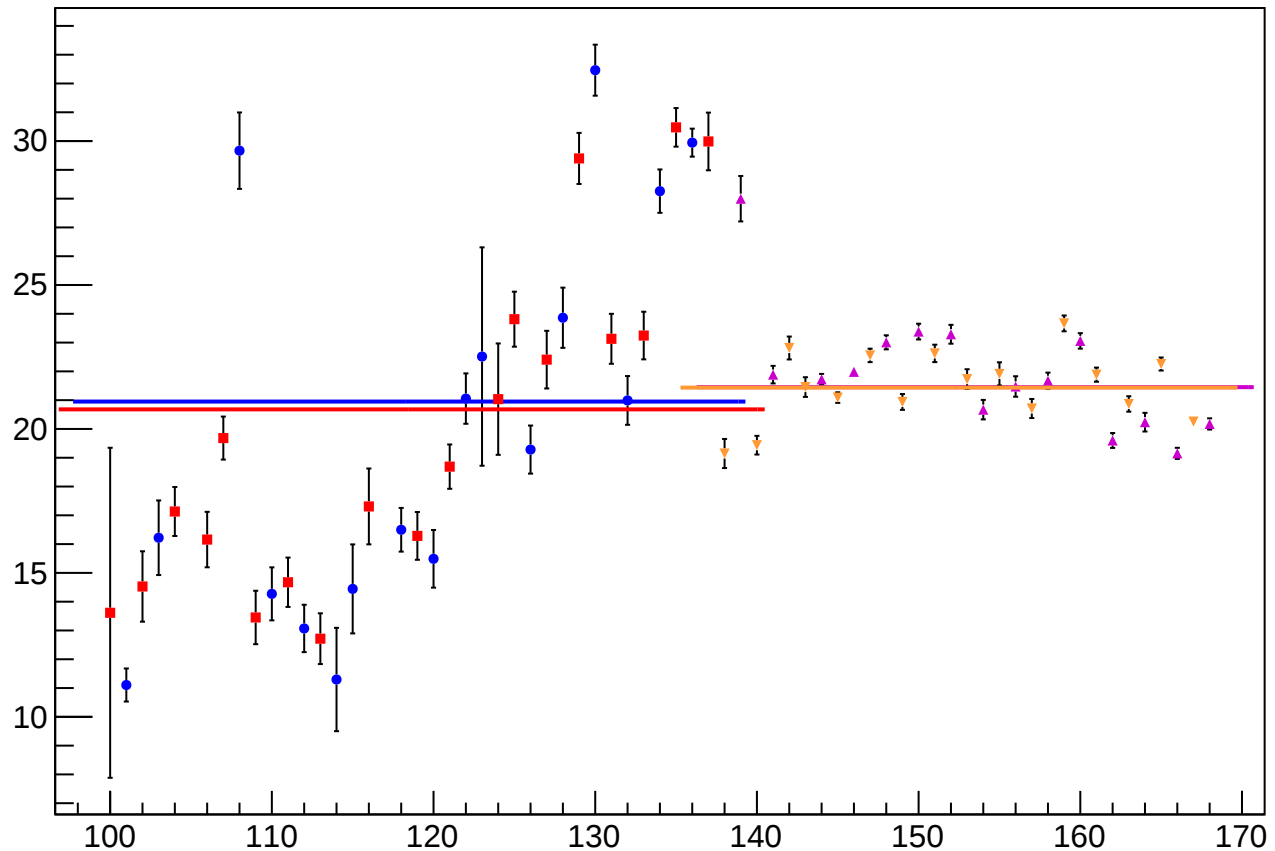
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -6.088 ± 0.073 $\chi^2/\text{NDF}: 9432.1/31$

Out: -7.056 ± 0.077 $\chi^2/\text{NDF}: 9272.4/34$

All: -6.542 ± 0.053 $\chi^2/\text{NDF}: 18788.2/66$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.436 $\pm$ 0.067 χ^2 /NDF:258.2/15

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 21.452 $\pm$ 0.064 χ^2 /NDF:500.3/14

Left: 21.445 $\pm$ 0.046 χ^2 /NDF: 758.5/30

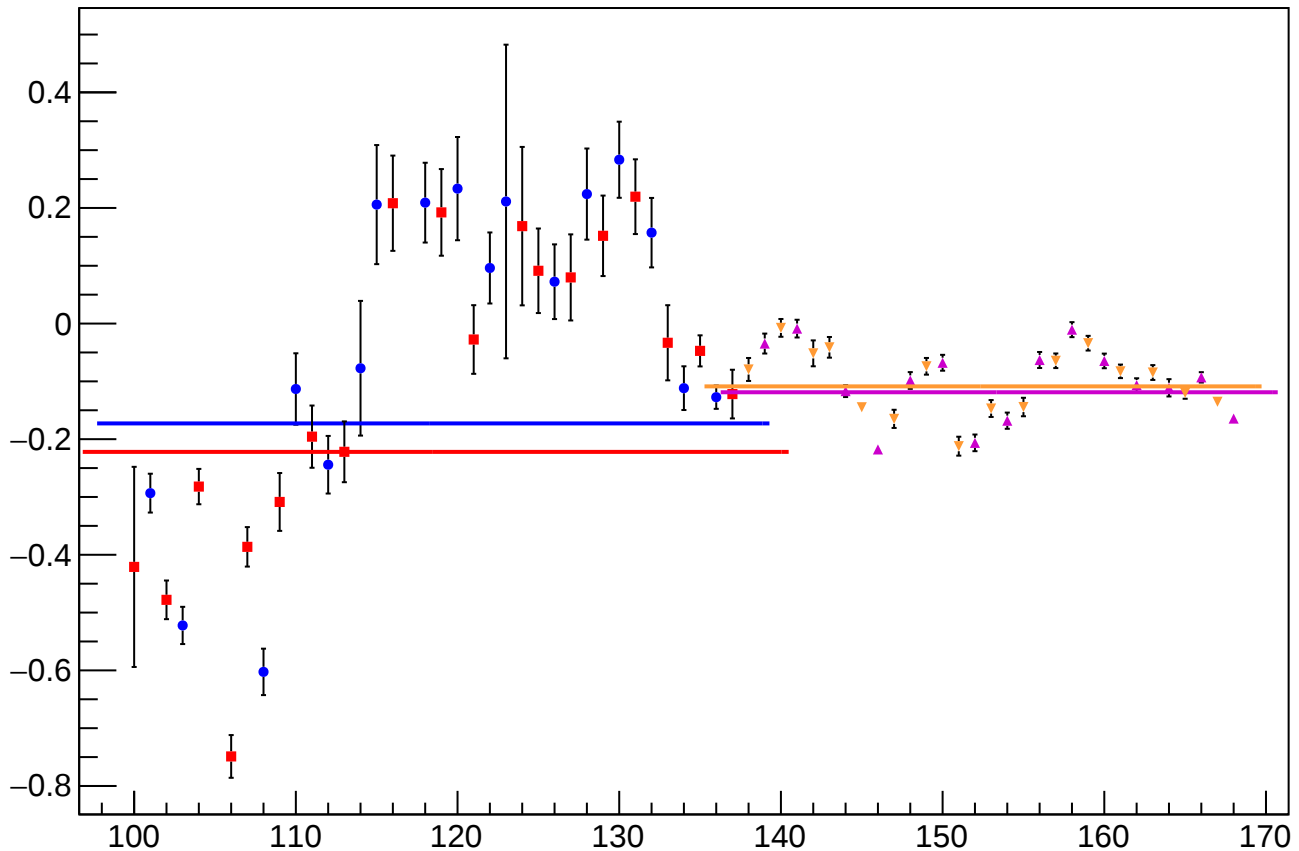
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.410 $\pm$ 0.061 χ^2 /NDF:1728.3/31

Out: 21.368 $\pm$ 0.064 χ^2 /NDF:998.2/34

All: 21.390 $\pm$ 0.044 χ^2 /NDF: 2726.7/66

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: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.119 ± 0.003 χ^2/NDF : 427.9/14

Left: -0.114 ± 0.002 χ^2/NDF : 658.8/30

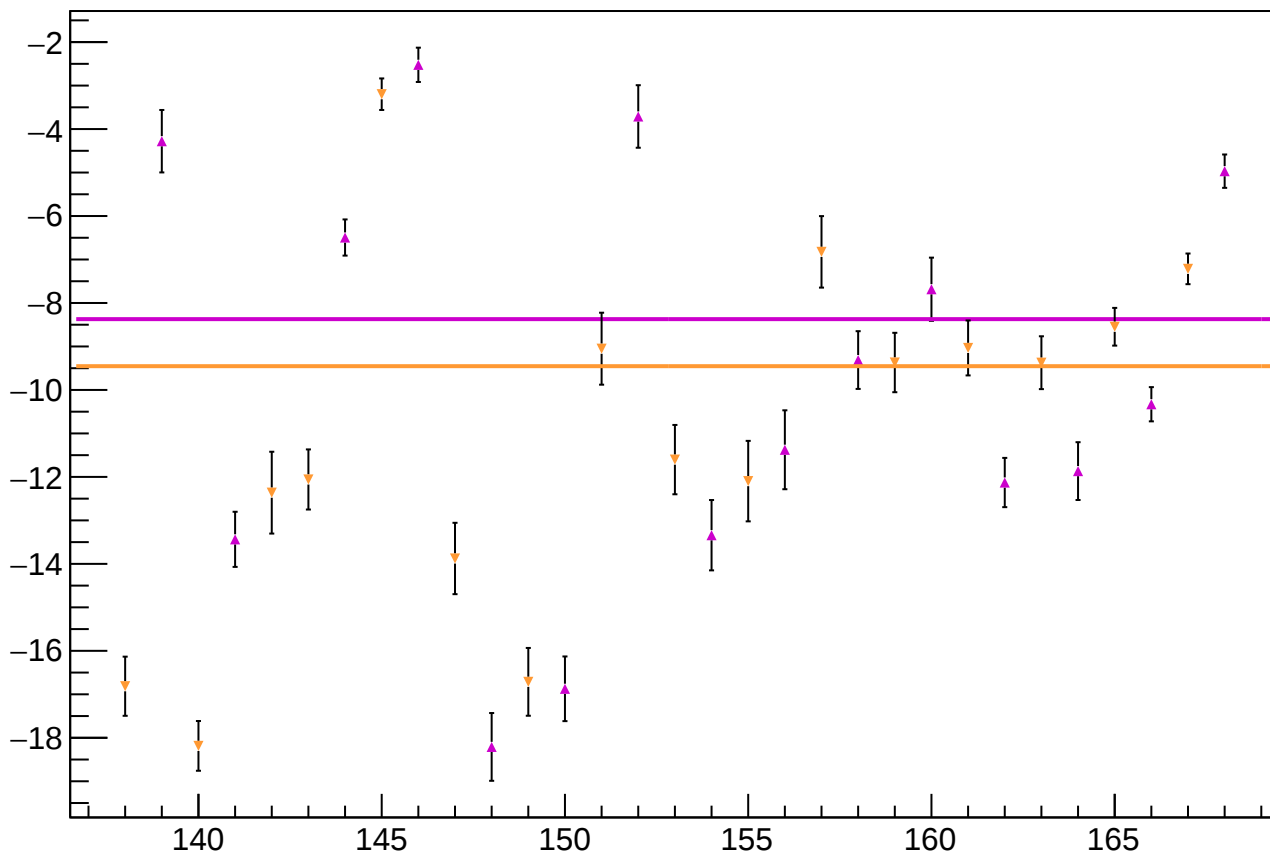
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.122 ± 0.003 χ^2/NDF : 909.8/31

Out: -0.117 ± 0.003 χ^2/NDF : 861.0/34

All: -0.120 ± 0.002 χ^2/NDF : 1772.4/66

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



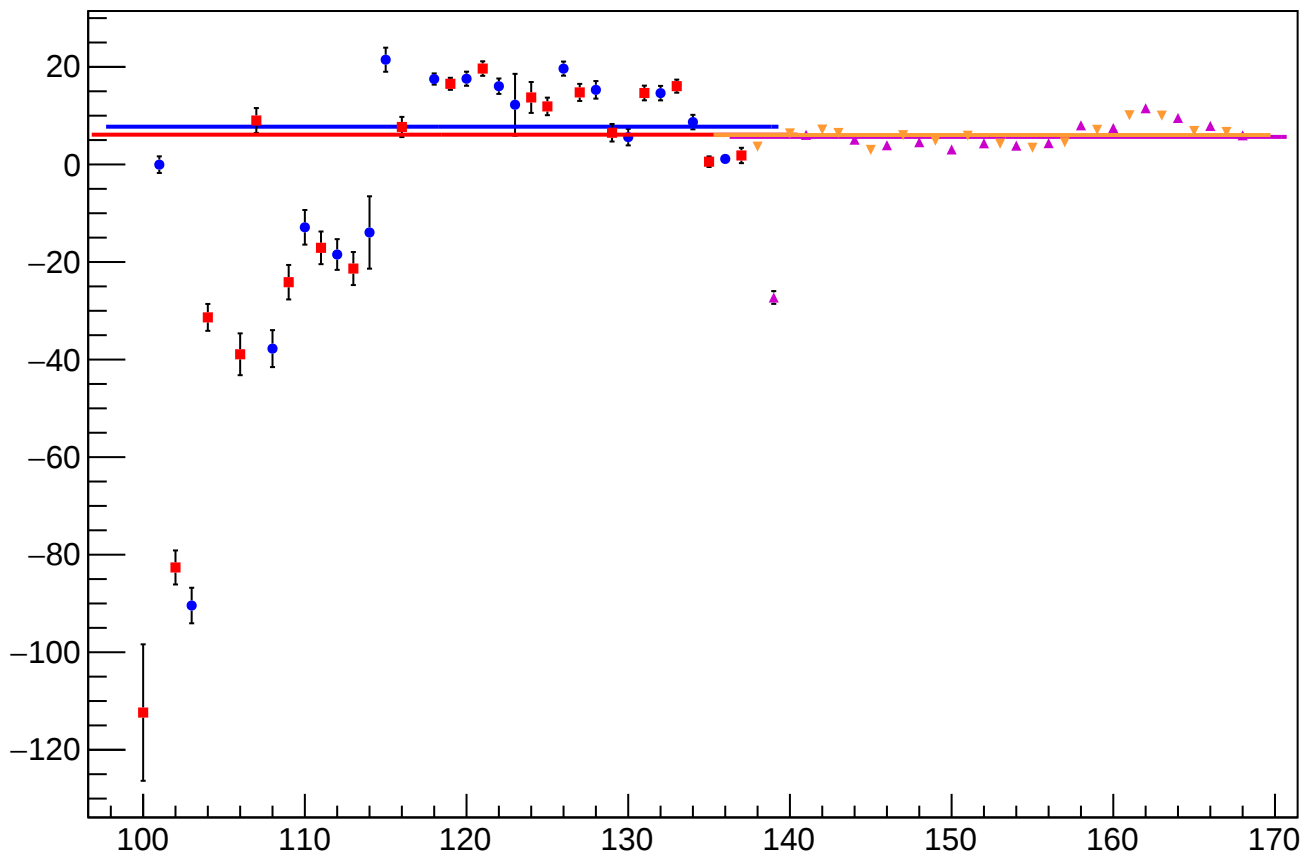
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.453+/-0.148 χ^2/NDF : 858.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.371+/-0.145 χ^2/NDF : 895.3/14

Left: -8.901+/-0.104 χ^2/NDF : 1780.7/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.371+/-0.145 χ^2/NDF : 895.3/14
 Out: -9.453+/-0.148 χ^2/NDF : 858.2/15

All: -8.901+/-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: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 5.651 ± 0.107 χ^2/NDF : 1043.6/14

Left: 5.836 ± 0.077 χ^2/NDF : 1391.8/30

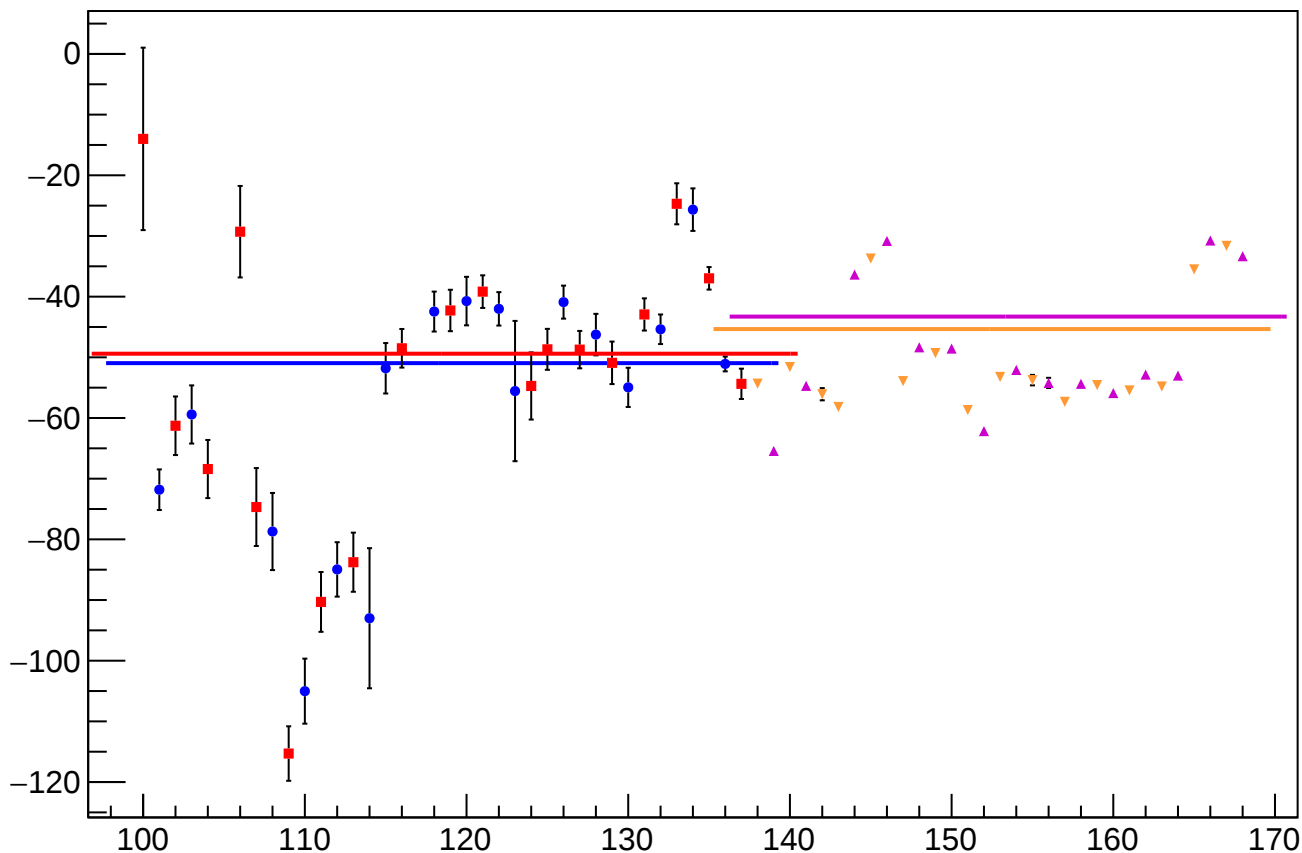
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.788 ± 0.103 χ^2/NDF : 2427.7/31

Out: 6.037 ± 0.106 χ^2/NDF : 1859.7/34

All: 5.908 ± 0.074 χ^2/NDF : 4290.2/66

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -45.341 ± 0.149 χ^2/NDF : 5190.9/15

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -43.288 ± 0.144 χ^2/NDF : 6429.7/14

Left: -44.279 ± 0.103 χ^2/NDF : 11719.3/30

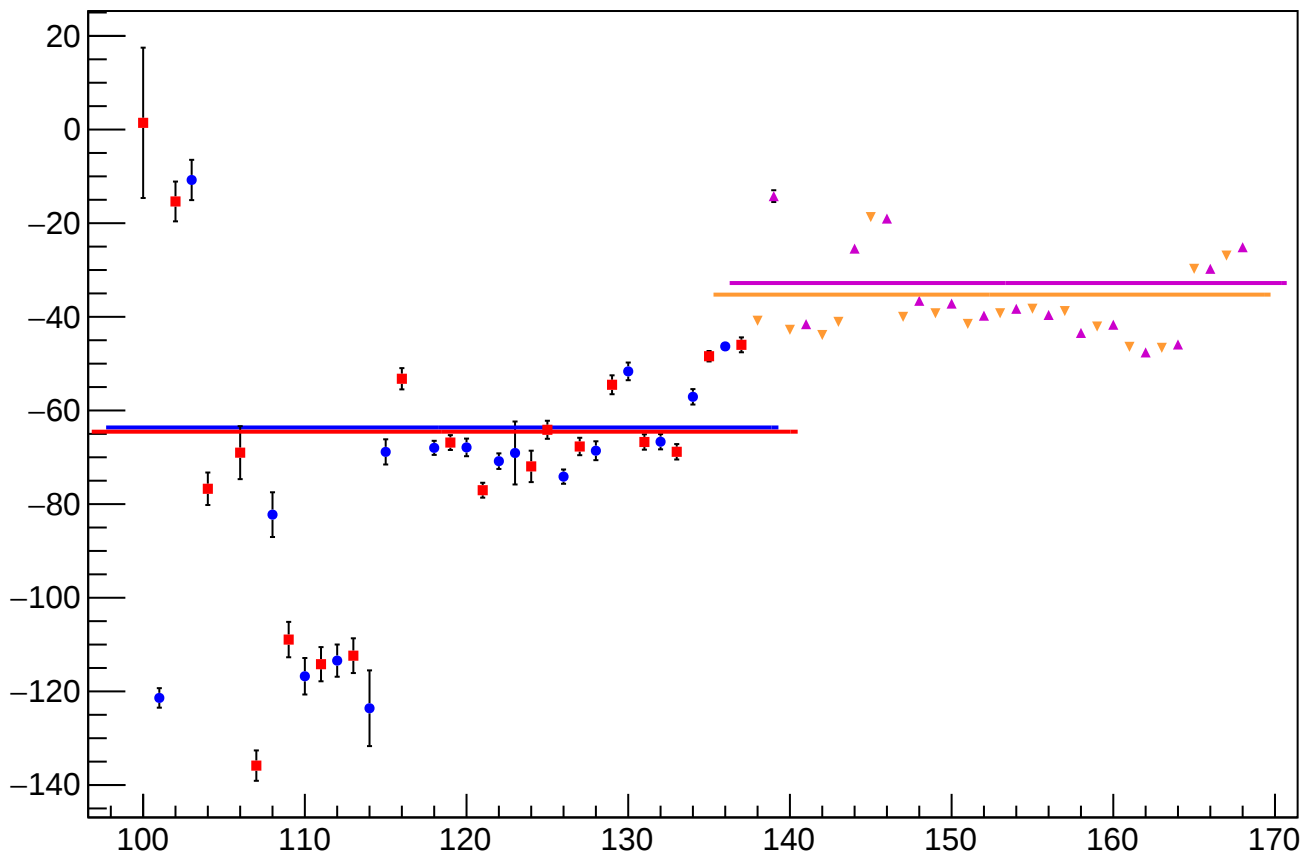
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -43.568 ± 0.141 χ^2/NDF : 6865.6/31

Out: -45.477 ± 0.146 χ^2/NDF : 5728.0/34

All: -44.488 ± 0.101 χ^2/NDF : 12682.1/66

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -35.257 ± 0.126 χ^2/NDF : 5385.3/15

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -32.781 ± 0.124 χ^2/NDF : 5980.3/14

Left: -34.000 ± 0.088 χ^2/NDF : 11561.8/30

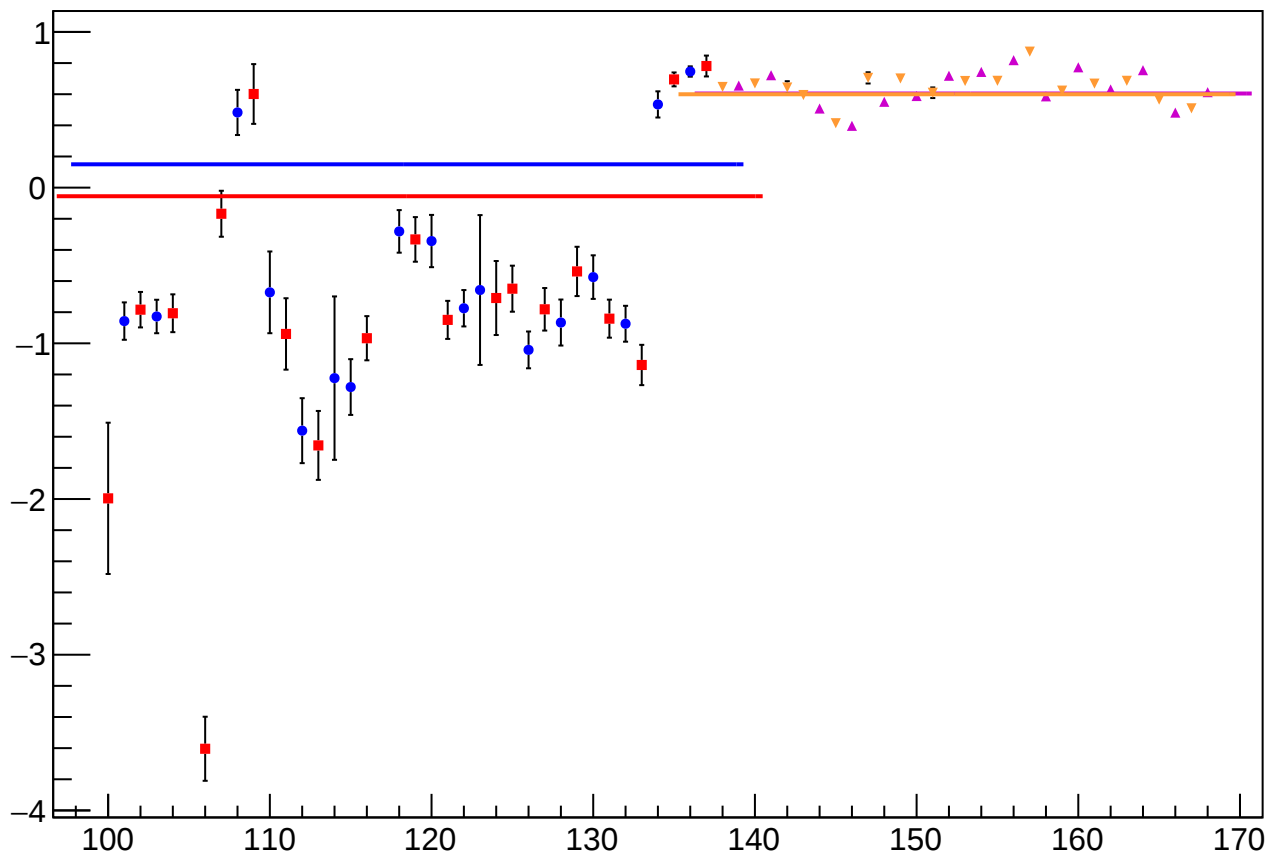
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -34.995 ± 0.119 χ^2/NDF : 12435.7/31

Out: -37.128 ± 0.122 χ^2/NDF : 10449.9/34

All: -36.040 ± 0.085 χ^2/NDF : 23041.9/66

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$

Left Out: 0.600 ± 0.006 $\chi^2/\text{NDF}: 379.4/15$

Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$

Left In: 0.605 ± 0.006 $\chi^2/\text{NDF}: 418.3/14$

Left: 0.602 ± 0.004 $\chi^2/\text{NDF}: 798.1/30$

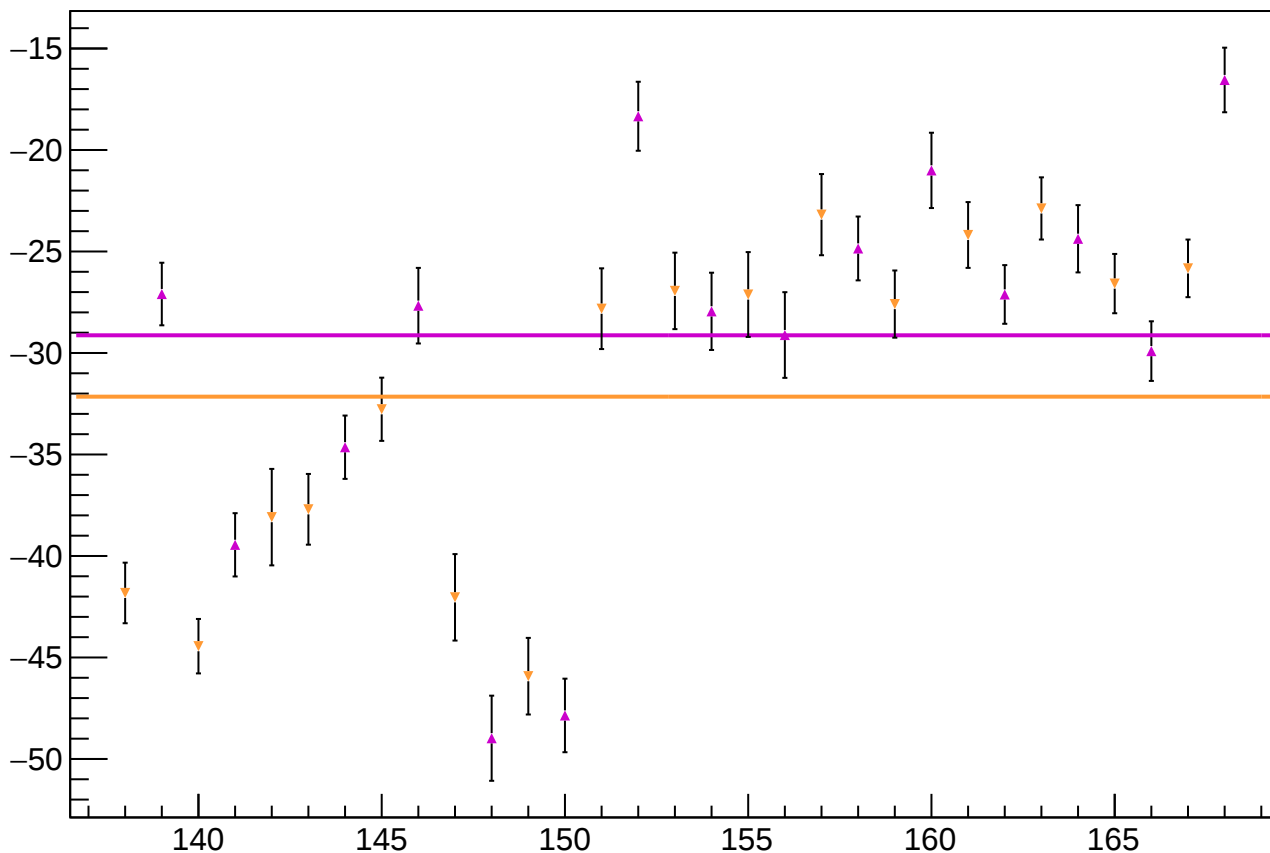
Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$

In: 0.579 ± 0.006 $\chi^2/\text{NDF}: 1747.1/31$

Out: 0.568 ± 0.006 $\chi^2/\text{NDF}: 2144.9/34$

All: 0.574 ± 0.004 $\chi^2/\text{NDF}: 3893.8/66$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

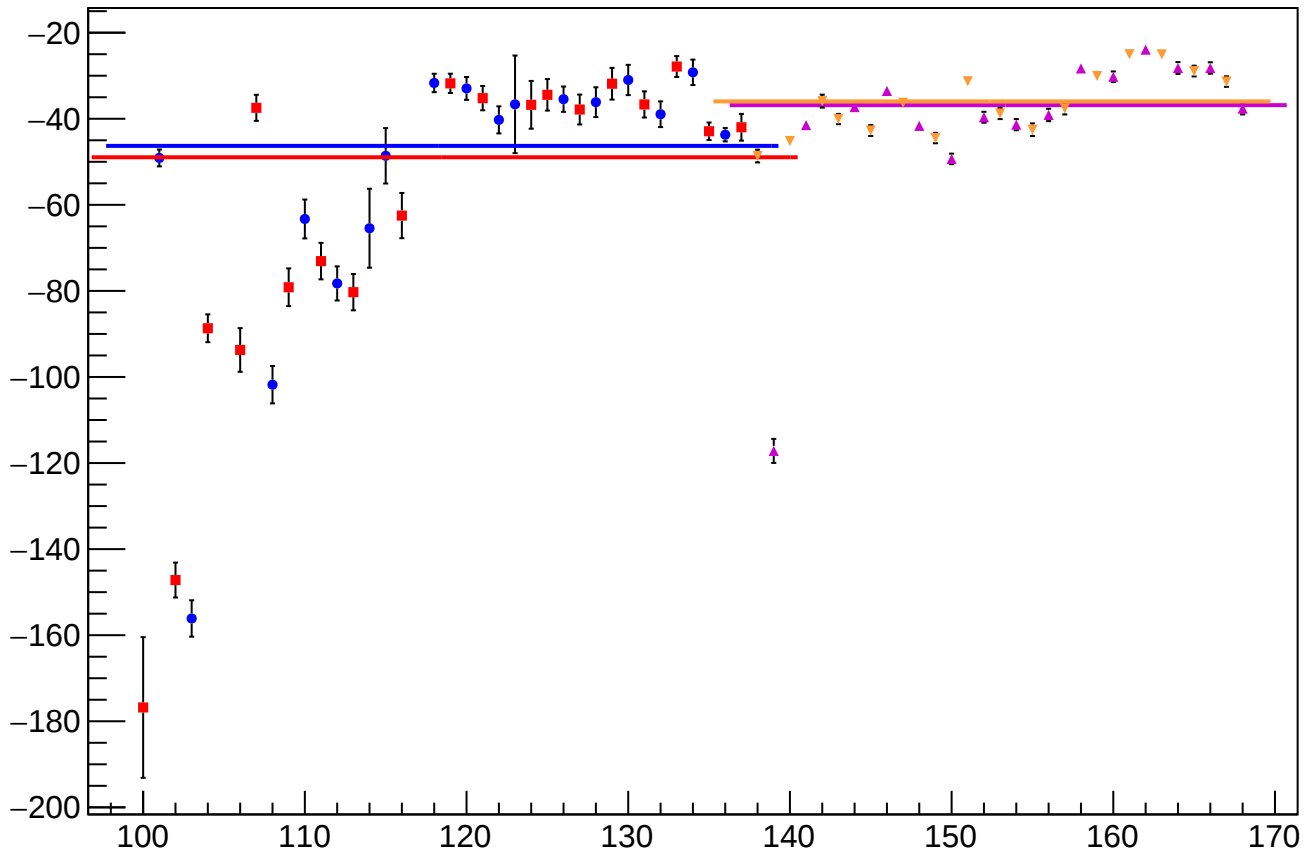
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -36.838 ± 0.321 $\chi^2/\text{NDF}: 1297.0/14$

Left: -36.381 ± 0.222 $\chi^2/\text{NDF}: 1830.2/30$

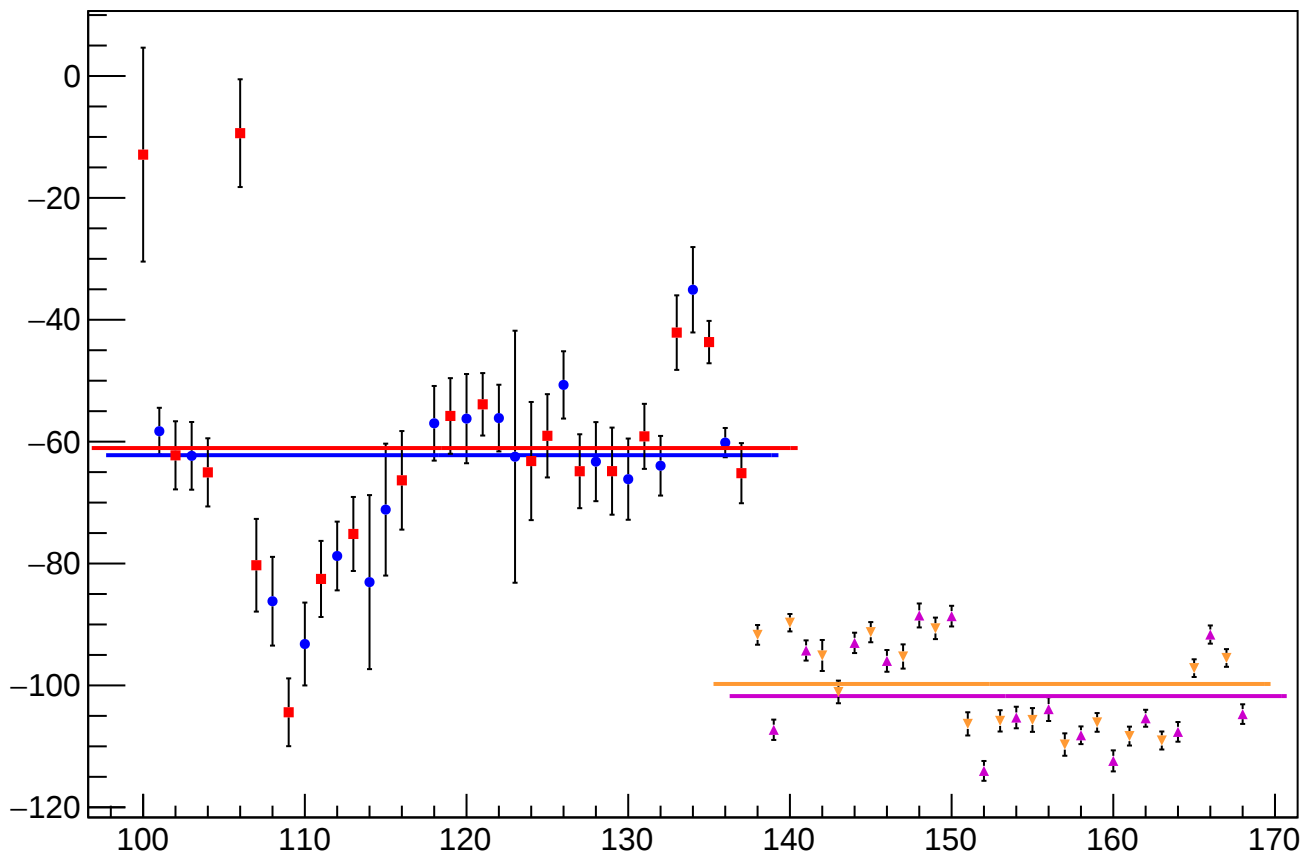
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -38.391 ± 0.293 $\chi^2/\text{NDF}: 2523.9/31$

Out: -37.777 ± 0.285 $\chi^2/\text{NDF}: 2052.3/34$

All: -38.075 ± 0.204 $\chi^2/\text{NDF}: 4578.5/66$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

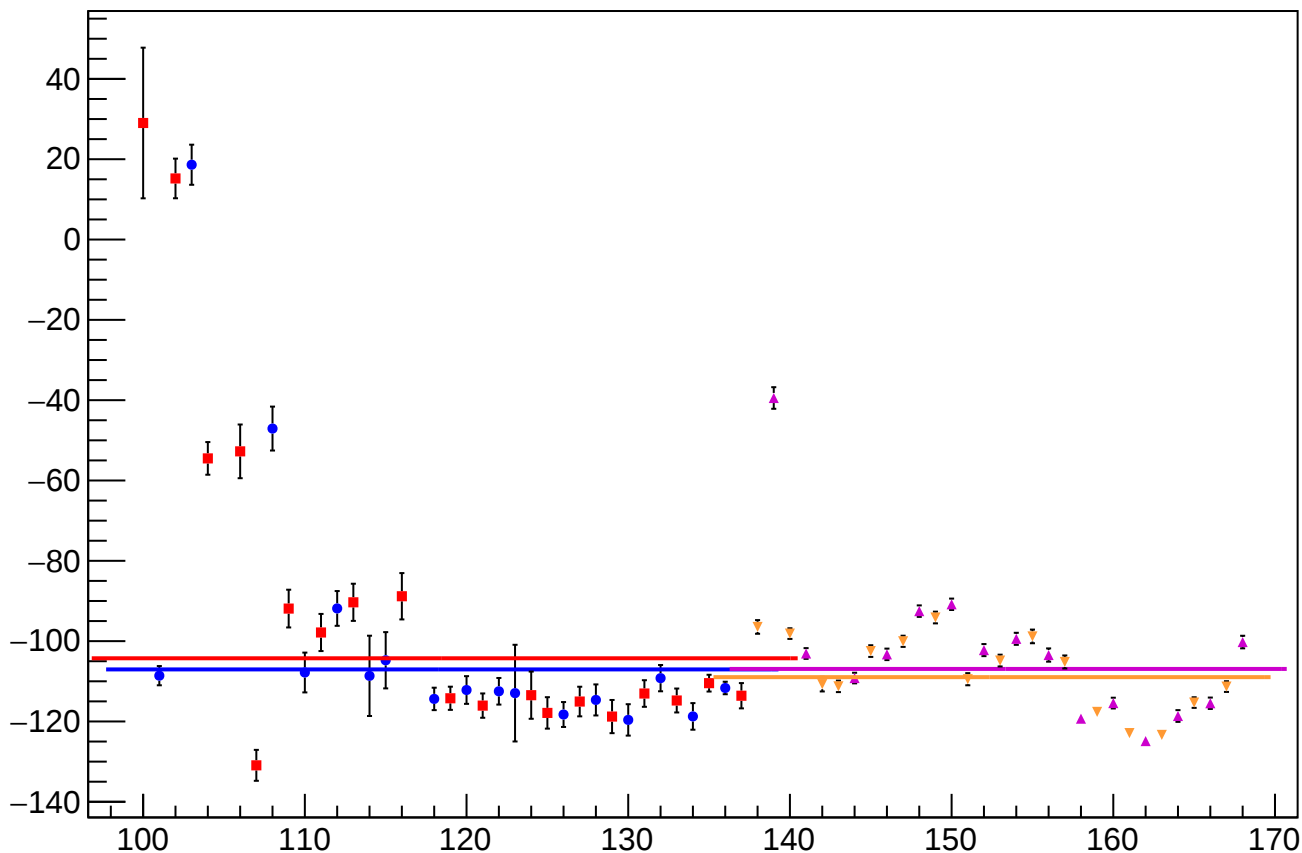


Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.762 ± 0.420 χ^2/NDF : 297.3/15
 Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18
 Left In: -101.751 ± 0.426 χ^2/NDF : 363.4/14

Left: -100.743 ± 0.299 χ^2/NDF : 671.7/30
 Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35
 In: -97.978 ± 0.405 χ^2/NDF : 1252.3/31
 Out: -96.471 ± 0.402 χ^2/NDF : 1184.7/34

All: -97.218 ± 0.285 χ^2/NDF : 2444.0/66

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -108.966 ± 0.354 $\chi^2/\text{NDF}: 685.5/15$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -106.920 ± 0.368 $\chi^2/\text{NDF}: 1415.7/14$

Left: -107.981 ± 0.255 $\chi^2/\text{NDF}: 2117.2/30$

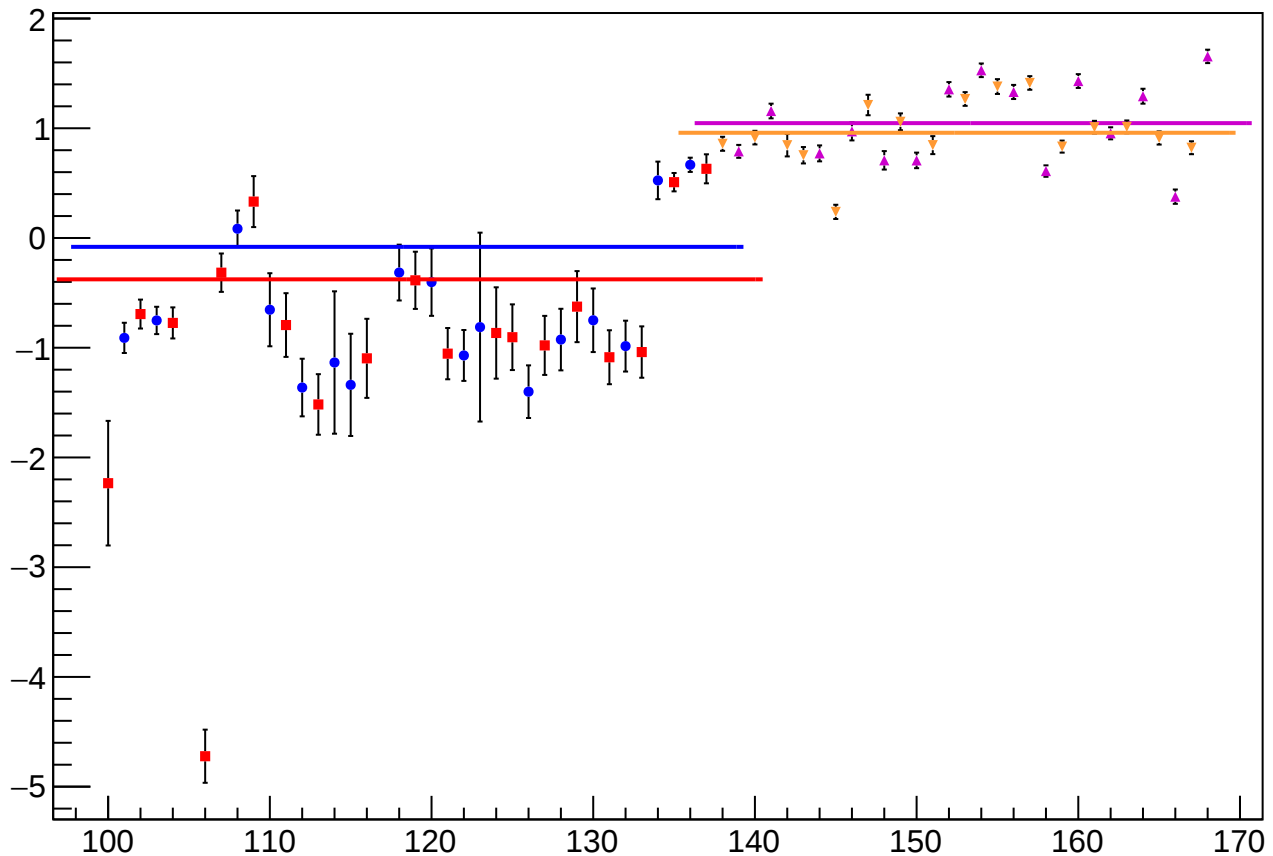
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -106.941 ± 0.335 $\chi^2/\text{NDF}: 2243.5/31$

Out: -108.284 ± 0.328 $\chi^2/\text{NDF}: 1729.1/34$

All: -107.628 ± 0.234 $\chi^2/\text{NDF}: 3980.8/66$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.959 ± 0.017 χ^2/NDF : 275.7/15

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.047 ± 0.017 χ^2/NDF : 504.7/14

Left: 1.002 ± 0.012 χ^2/NDF : 794.4/30

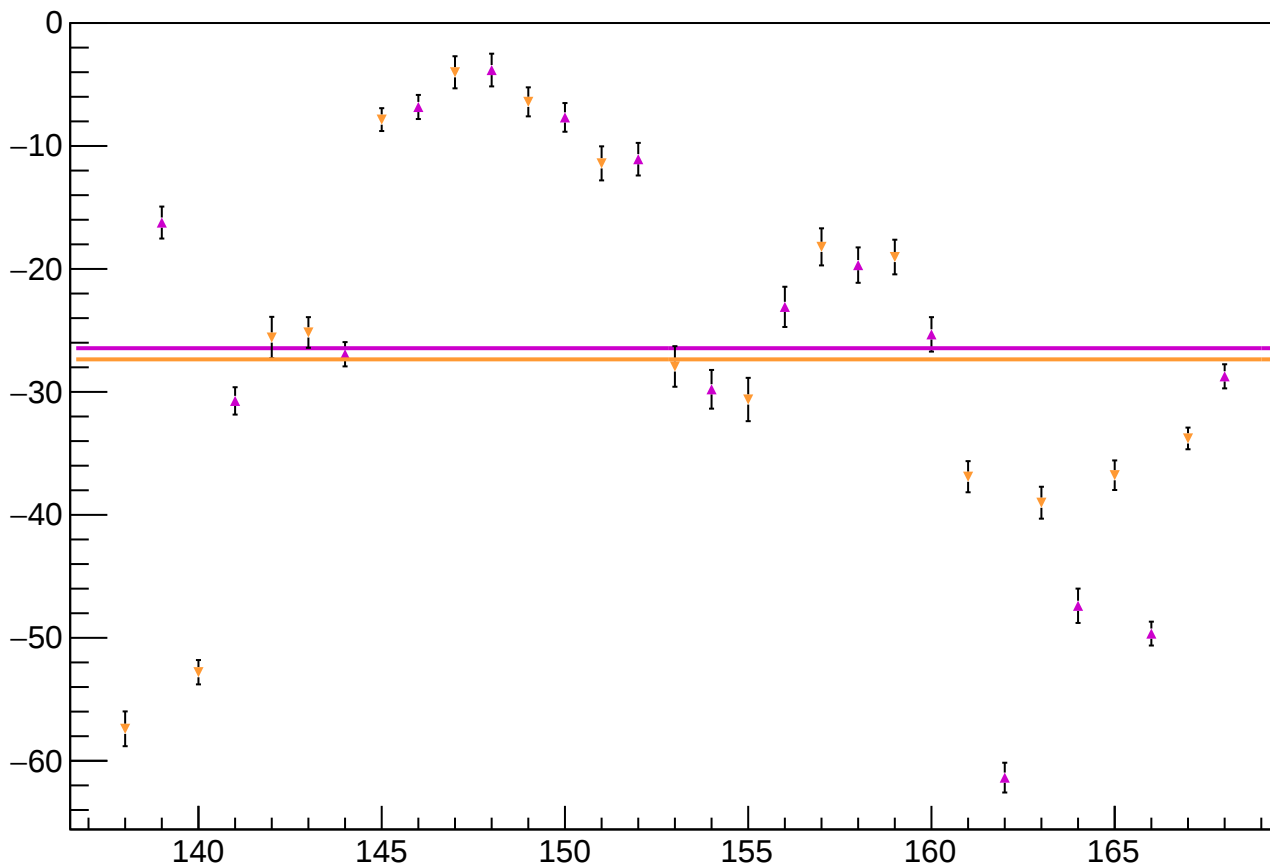
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.894 ± 0.016 χ^2/NDF : 1450.8/31

Out: 0.793 ± 0.015 χ^2/NDF : 1671.3/34

All: 0.843 ± 0.011 χ^2/NDF : 3143.2/66

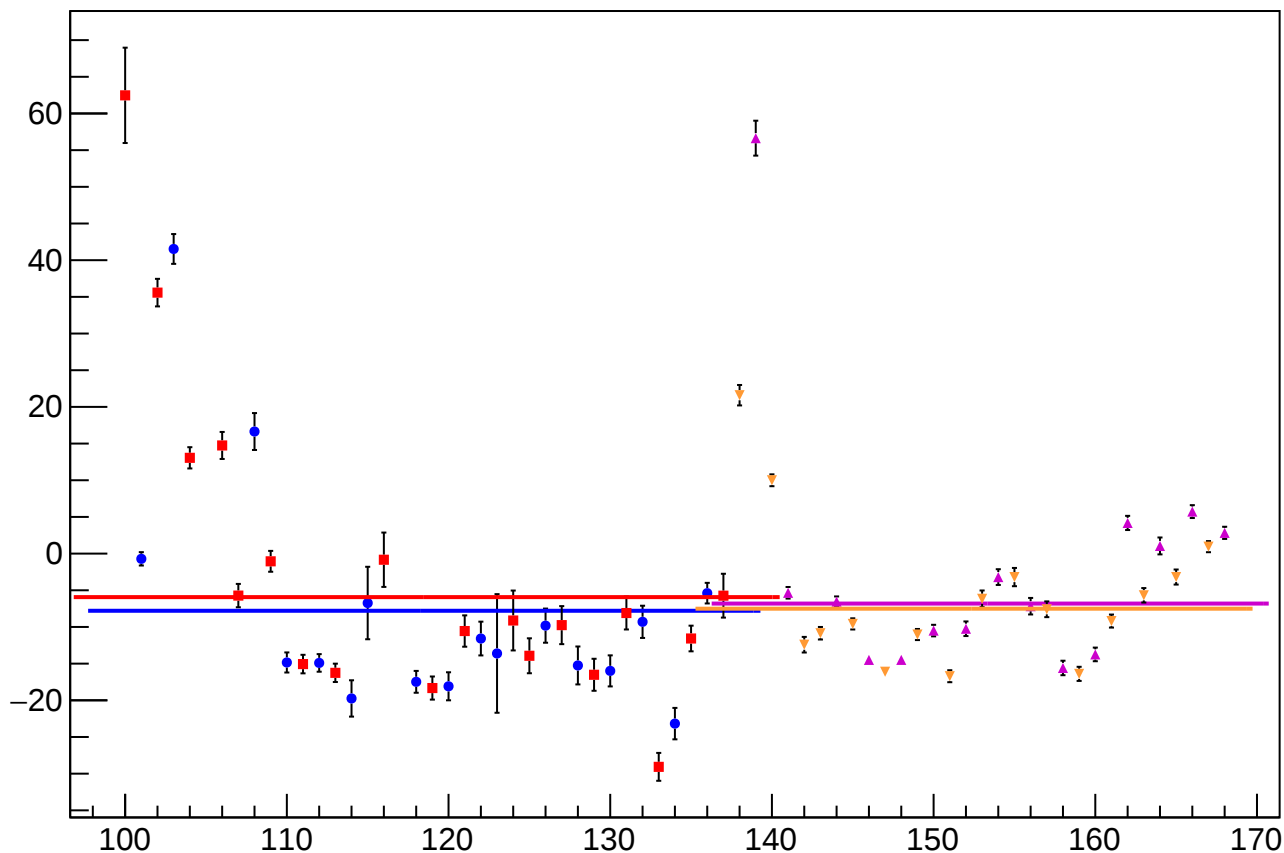
reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -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: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -6.812 ± 0.225 χ^2/NDF : 1703.8/14

Left: -7.164 ± 0.158 χ^2/NDF : 3244.2/30

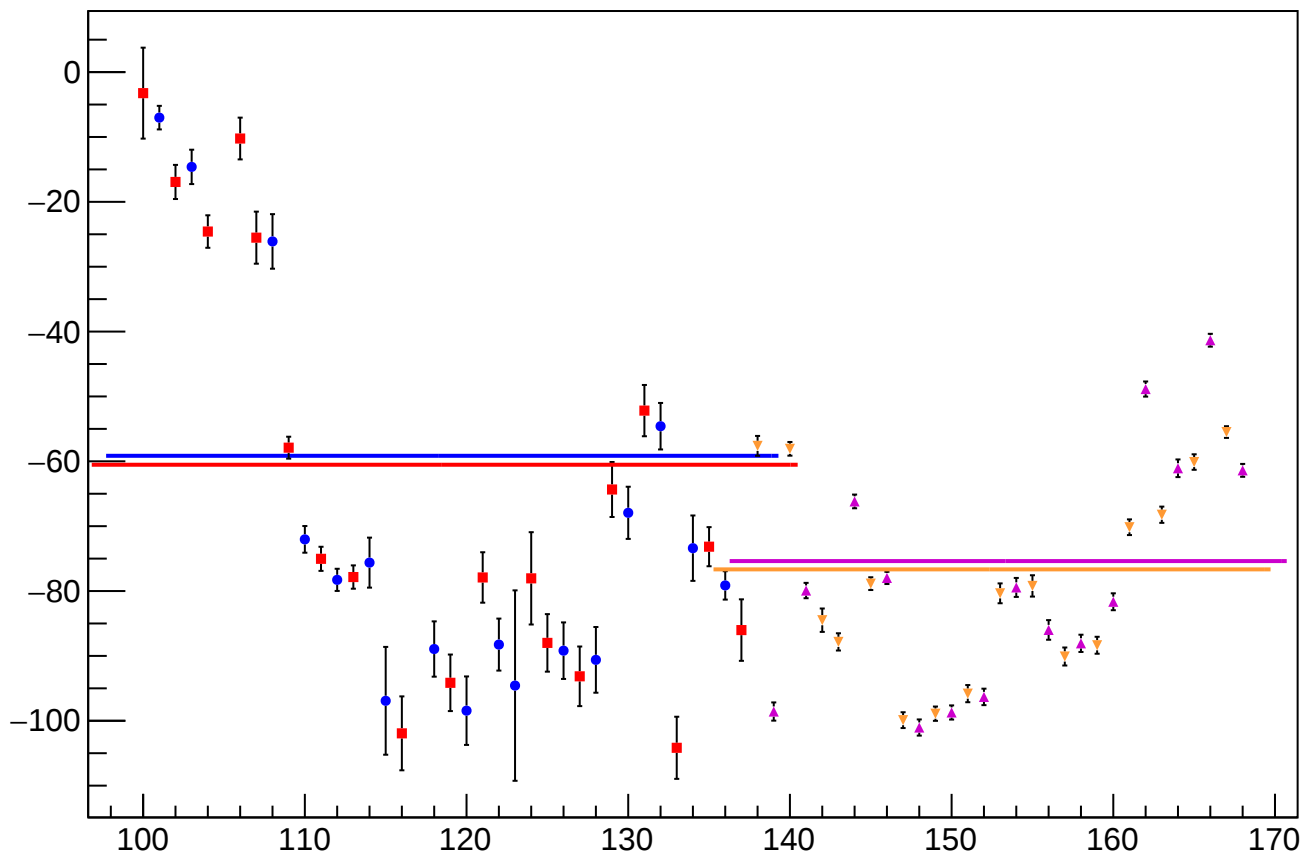
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -7.024 ± 0.199 χ^2/NDF : 2690.7/31

Out: -7.176 ± 0.198 χ^2/NDF : 2840.4/34

All: -7.100 ± 0.140 χ^2/NDF : 5531.4/66

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -76.661 $\pm$ 0.309 χ^2 /NDF: 2537.1/15

Right Out: -60.530 $\pm$ 0.704 χ^2 /NDF: 1385.2/18

Left In: -75.381 $\pm$ 0.305 χ^2 /NDF: 3707.4/14

Left: -76.013 $\pm$ 0.217 χ^2 /NDF: 6253.2/30

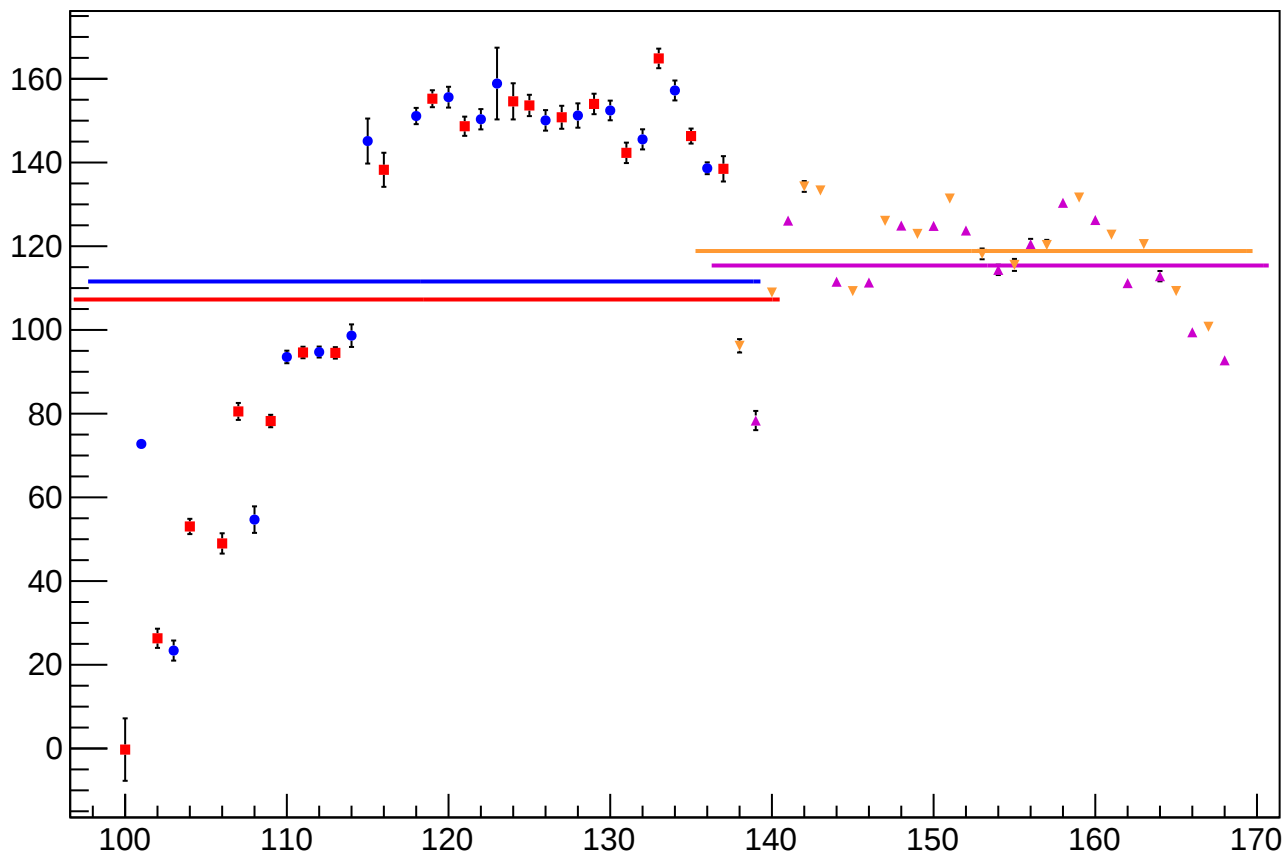
Right: -59.879 $\pm$ 0.512 χ^2 /NDF: 3105.4/35

In: -73.047 $\pm$ 0.283 χ^2 /NDF: 5831.9/31

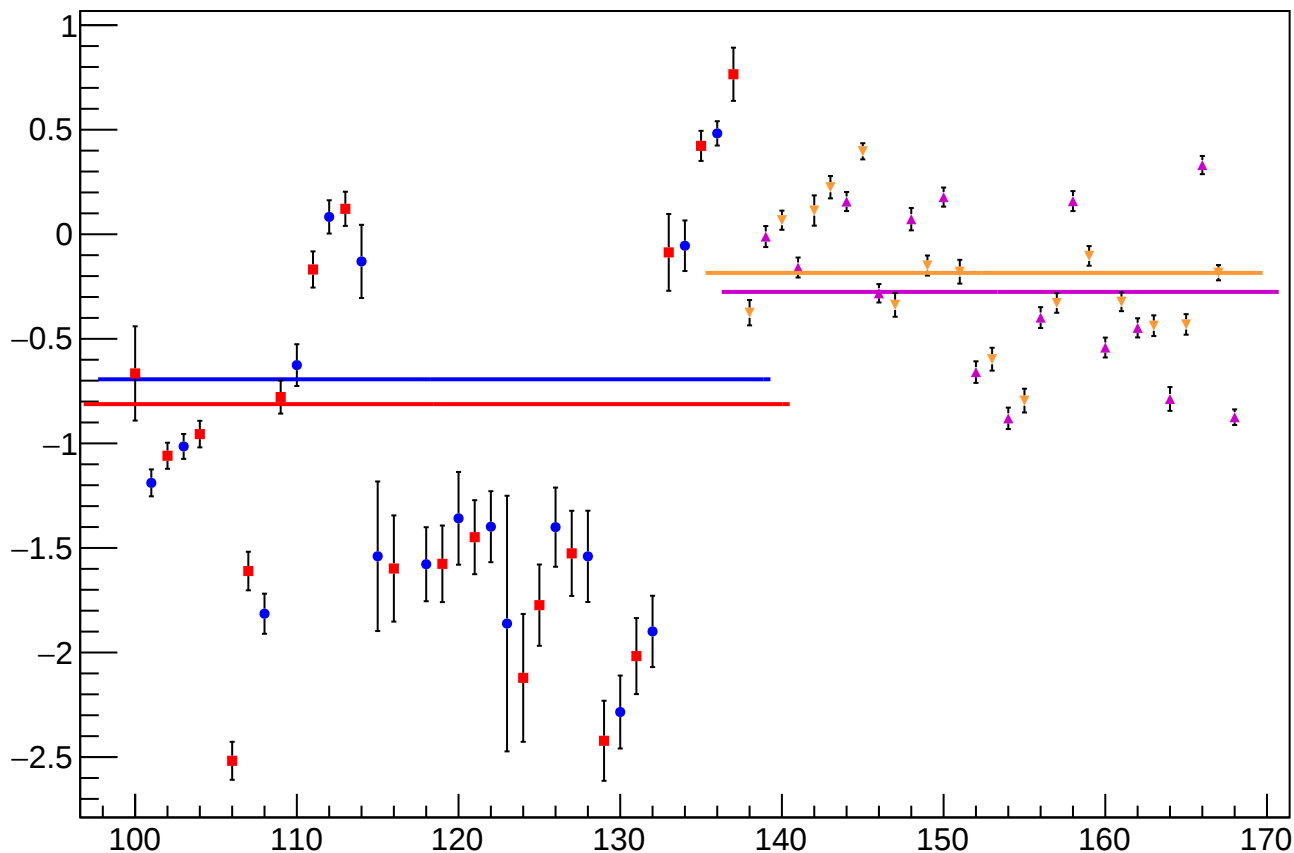
Out: -74.050 $\pm$ 0.283 χ^2 /NDF: 4362.2/34

All: -73.547 $\pm$ 0.200 χ^2 /NDF: 10200.4/66

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.276 ± 0.012 χ^2/NDF : 1123.8/14

Left: -0.230 ± 0.009 χ^2/NDF : 1747.1/30

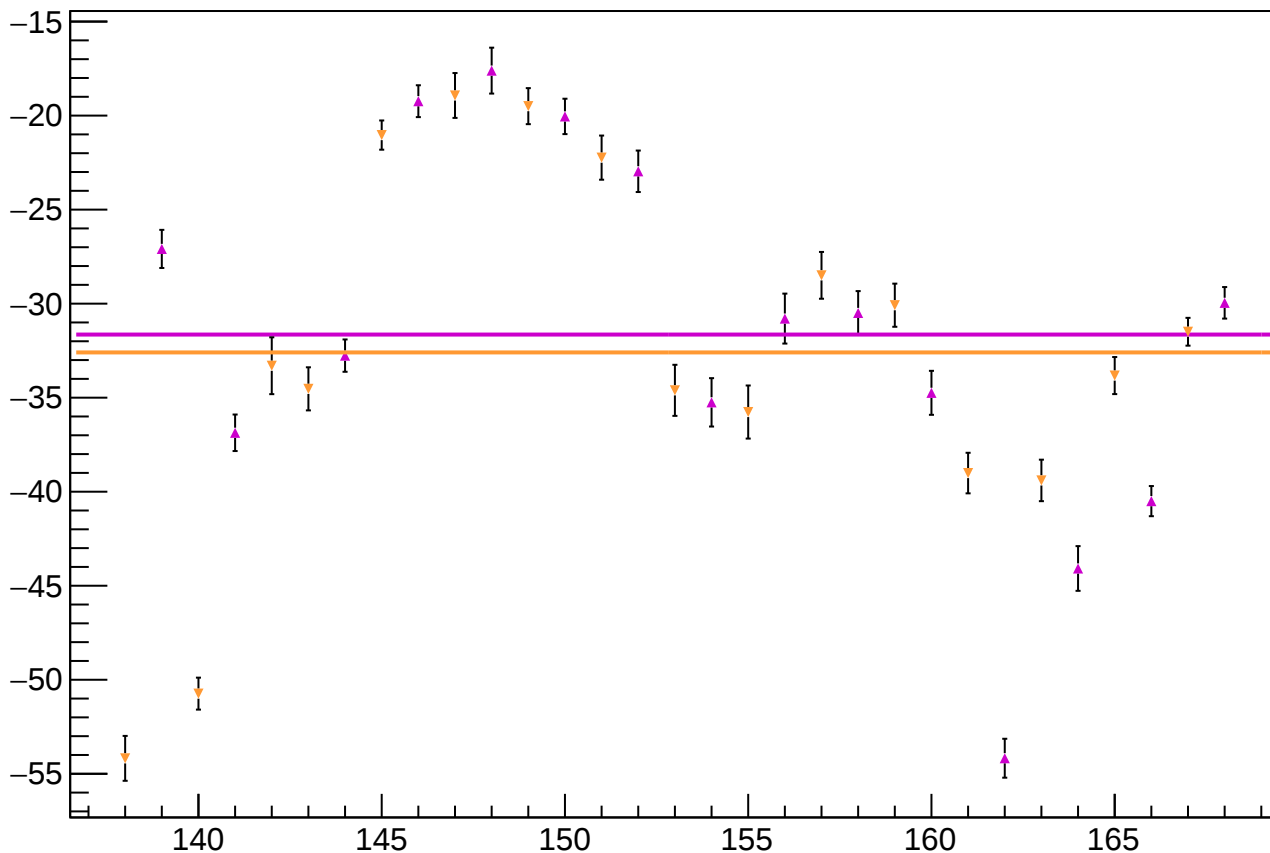
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.352 ± 0.011 χ^2/NDF : 2328.9/31

Out: -0.312 ± 0.011 χ^2/NDF : 2434.8/34

All: -0.332 ± 0.008 χ^2/NDF : 4770.3/66

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



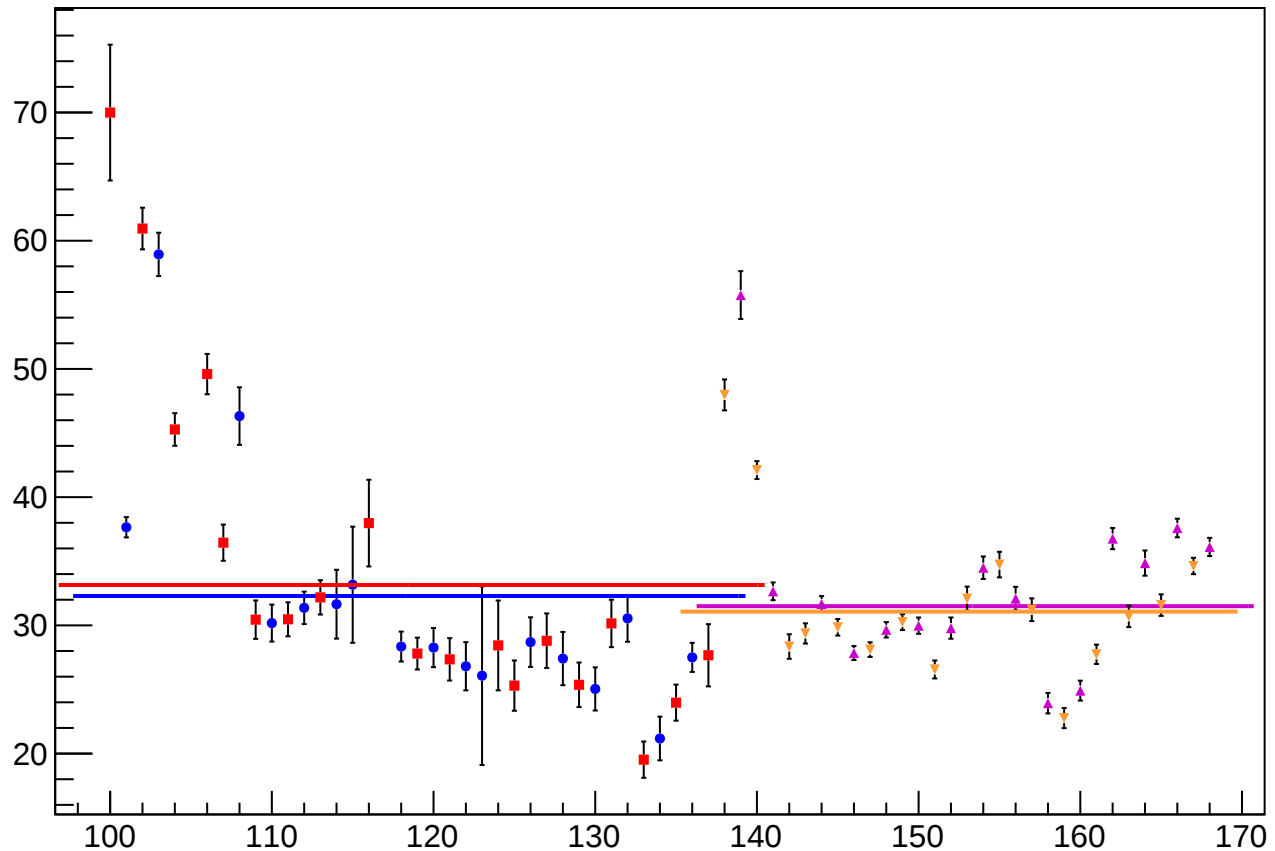
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.594+/-0.263 χ^2/NDF :1503.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.644+/-0.261 χ^2/NDF :1337.6/14

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 χ^2/NDF : 452.5/16

Left Out: 31.074+/-0.190 χ^2/NDF : 711.2/15

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 31.497+/-0.192 χ^2/NDF : 574.8/14

Left: 31.283+/-0.135 χ^2/NDF : 1288.5/30

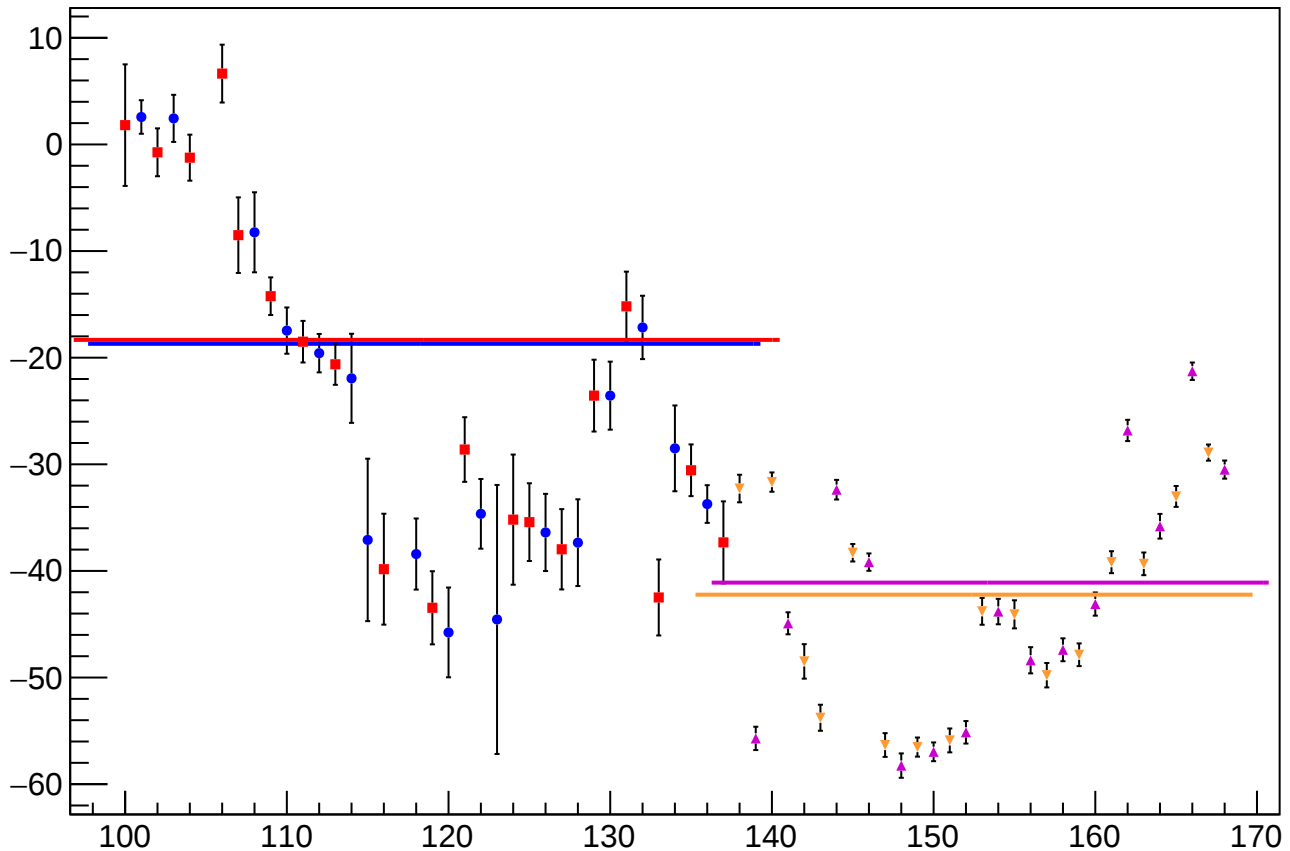
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 31.663+/-0.171 χ^2/NDF : 1031.0/31

Out: 31.491+/-0.170 χ^2/NDF : 1507.8/34

All: 31.577+/-0.120 χ^2/NDF : 2539.3/66

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -42.227 ± 0.261 $\chi^2/\text{NDF}: 1375.8/15$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -41.097 ± 0.257 $\chi^2/\text{NDF}: 2063.8/14$

Left: -41.653 ± 0.183 $\chi^2/\text{NDF}: 3449.1/30$

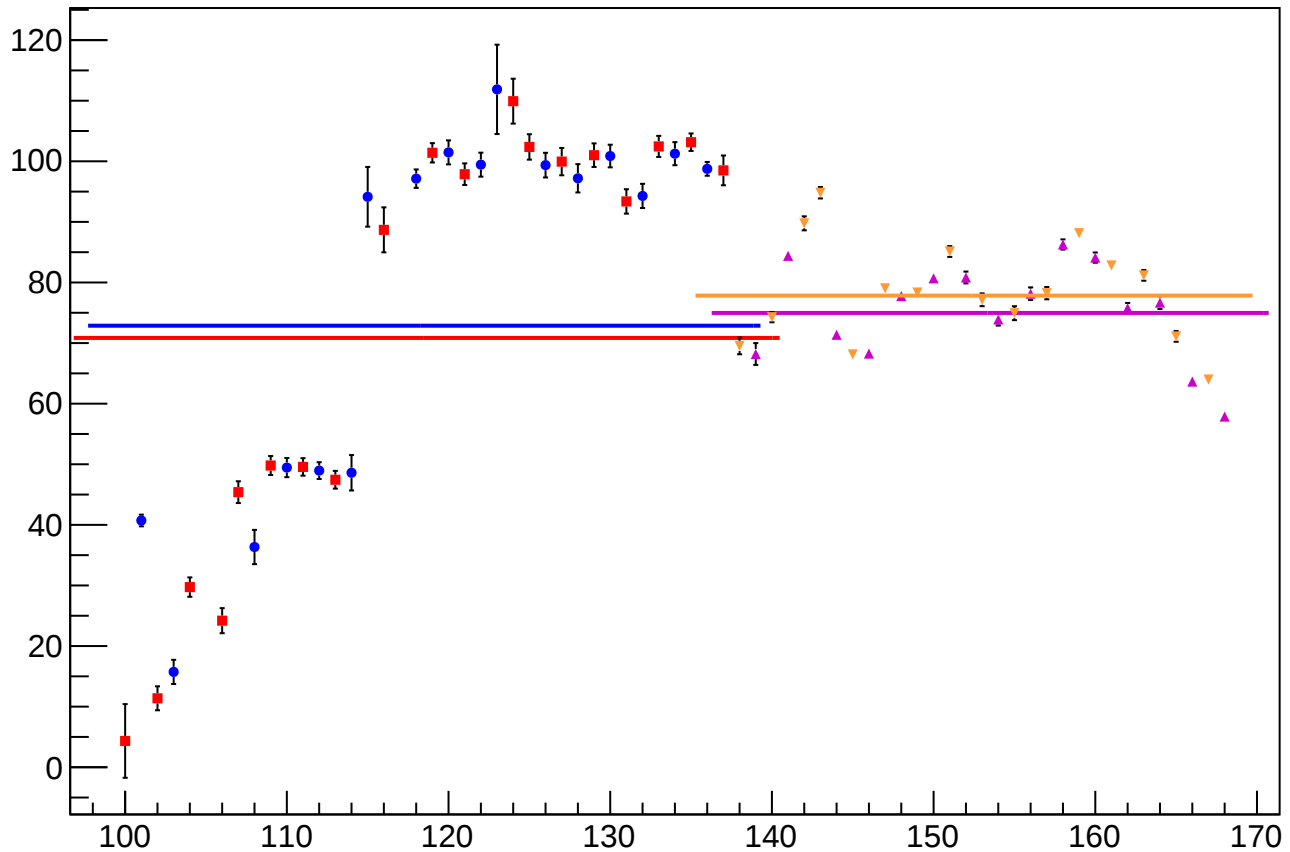
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -38.196 ± 0.240 $\chi^2/\text{NDF}: 3565.8/31$

Out: -38.849 ± 0.242 $\chi^2/\text{NDF}: 3034.1/34$

All: -38.520 ± 0.170 $\chi^2/\text{NDF}: 6603.7/66$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 77.837 $\pm$ 0.221 χ^2 /NDF:1393.4/15

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 74.976 $\pm$ 0.222 χ^2 /NDF:1325.6/14

Left: 76.418 $\pm$ 0.157 χ^2 /NDF: 2802.4/30

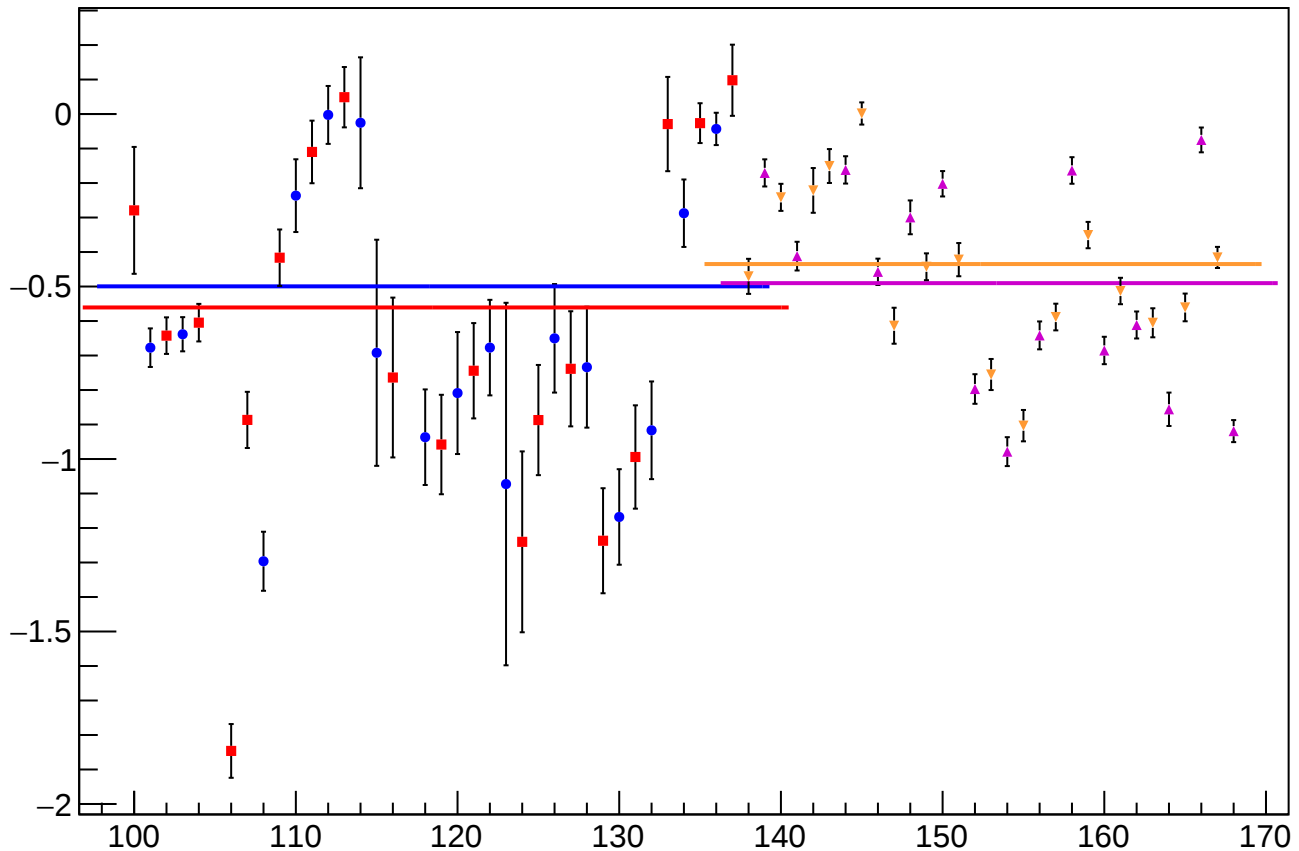
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.526 $\pm$ 0.197 χ^2 /NDF:6071.8/31

Out: 76.398 $\pm$ 0.197 χ^2 /NDF:7095.5/34

All: 75.465 $\pm$ 0.139 χ^2 /NDF: 13212.6/66

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.435 ± 0.010 χ^2/NDF : 473.0/15

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.490 ± 0.010 χ^2/NDF : 892.7/14

Left: -0.463 ± 0.007 χ^2/NDF : 1380.2/30

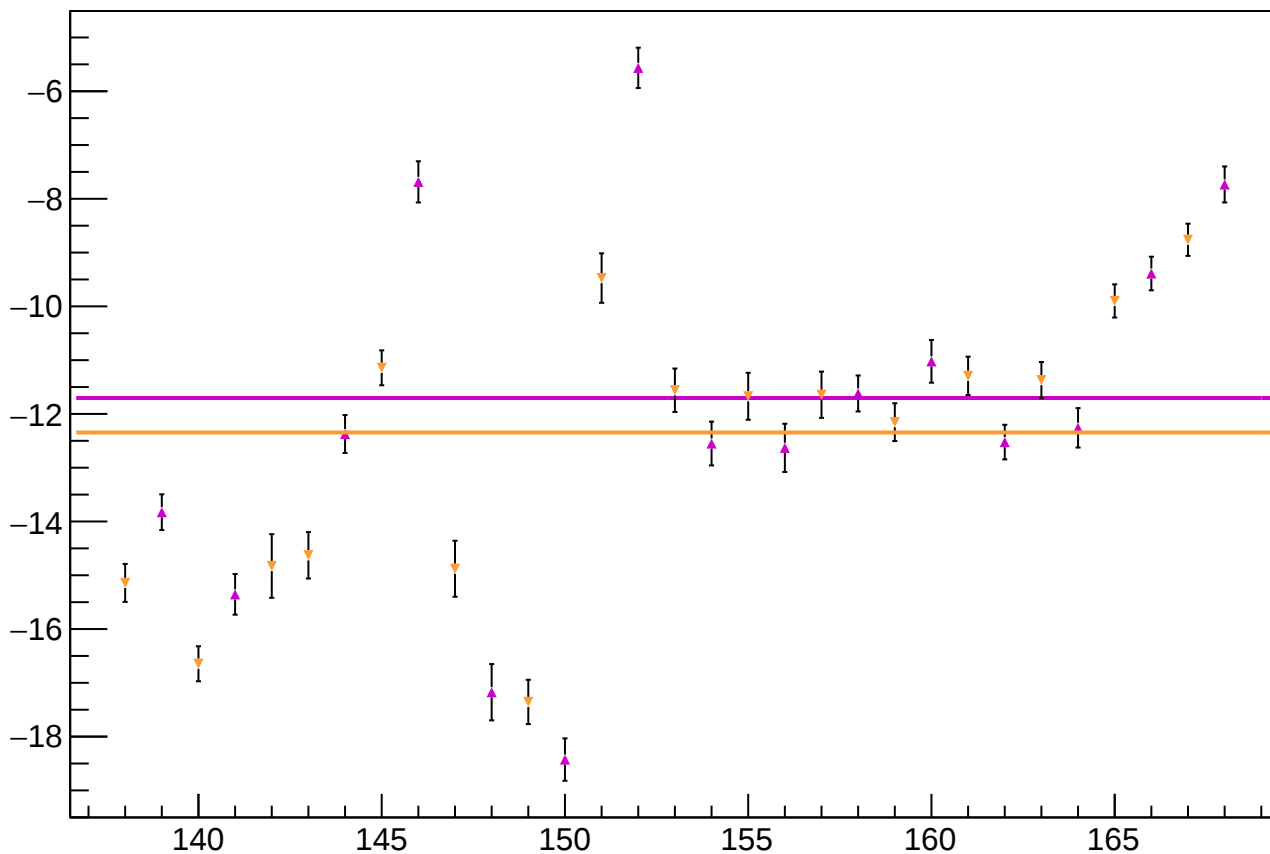
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.492 ± 0.009 χ^2/NDF : 1195.5/31

Out: -0.459 ± 0.009 χ^2/NDF : 1062.8/34

All: -0.475 ± 0.007 χ^2/NDF : 2264.7/66

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

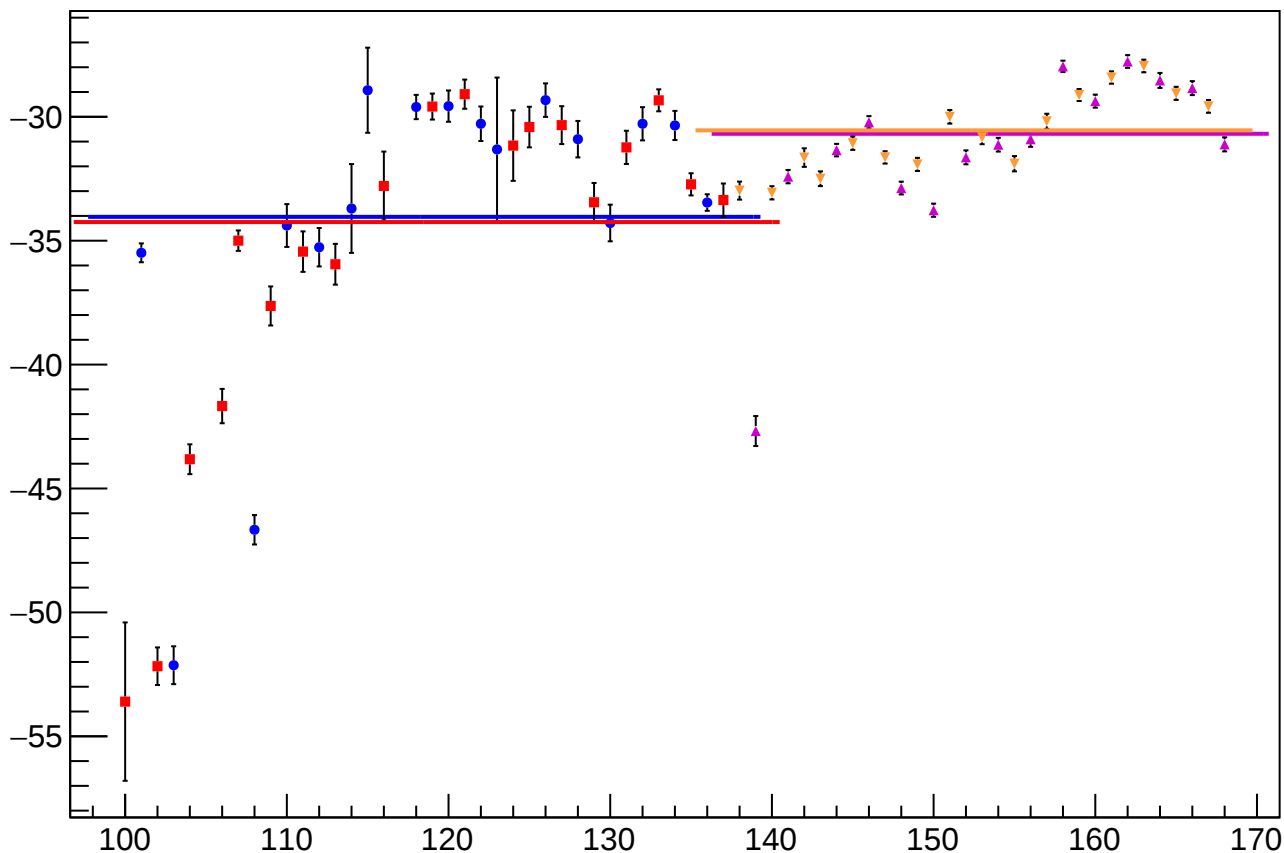
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.685 ± 0.071 χ^2/NDF : 1050.8/14

Left: -30.614 ± 0.050 χ^2/NDF : 1569.3/30

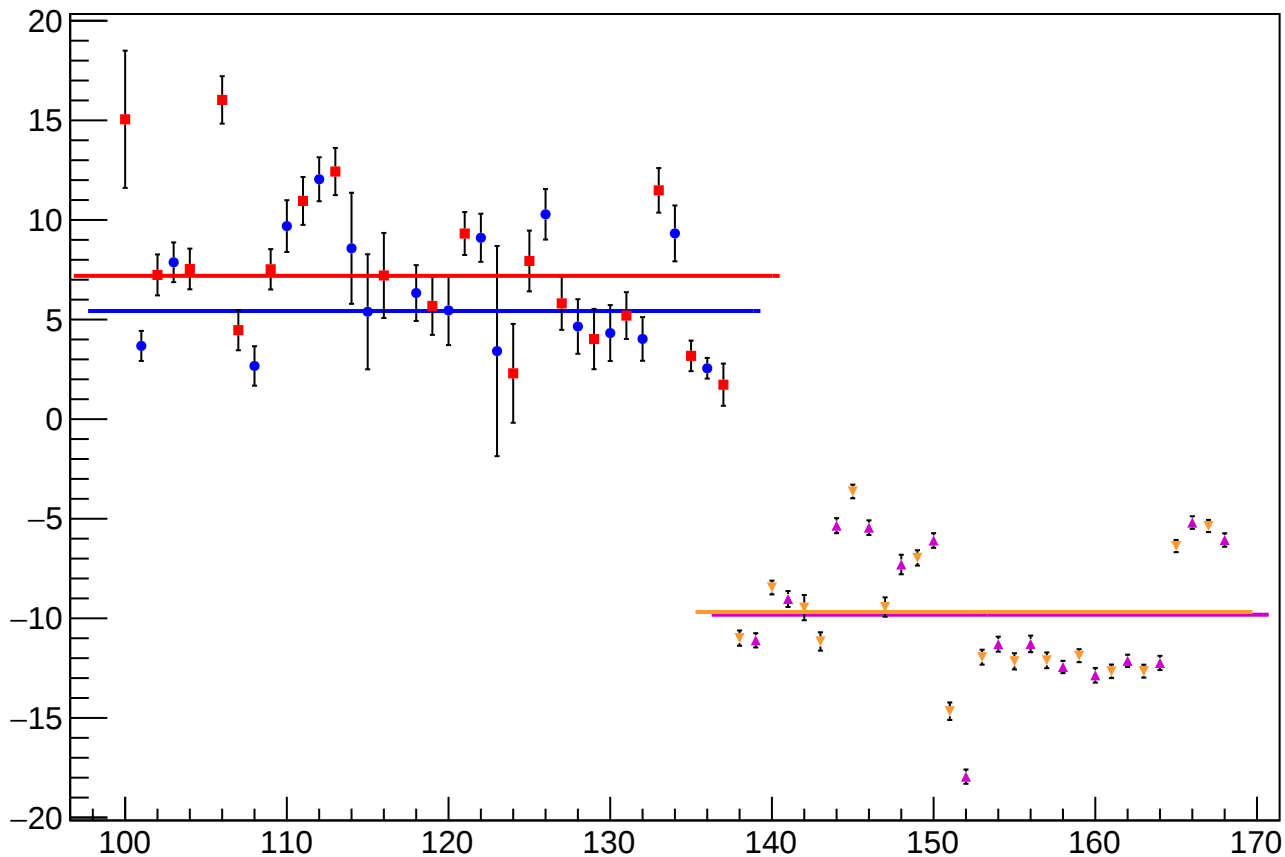
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -31.296 ± 0.064 χ^2/NDF : 2797.6/31

Out: -31.192 ± 0.063 χ^2/NDF : 2372.5/34

All: -31.242 ± 0.045 χ^2/NDF : 5171.4/66

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -9.682 ± 0.093 $\chi^2/\text{NDF}: 1155.7/15$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -9.818 ± 0.093 $\chi^2/\text{NDF}: 1543.0/14$

Left: -9.750 ± 0.066 $\chi^2/\text{NDF}: 2699.8/30$

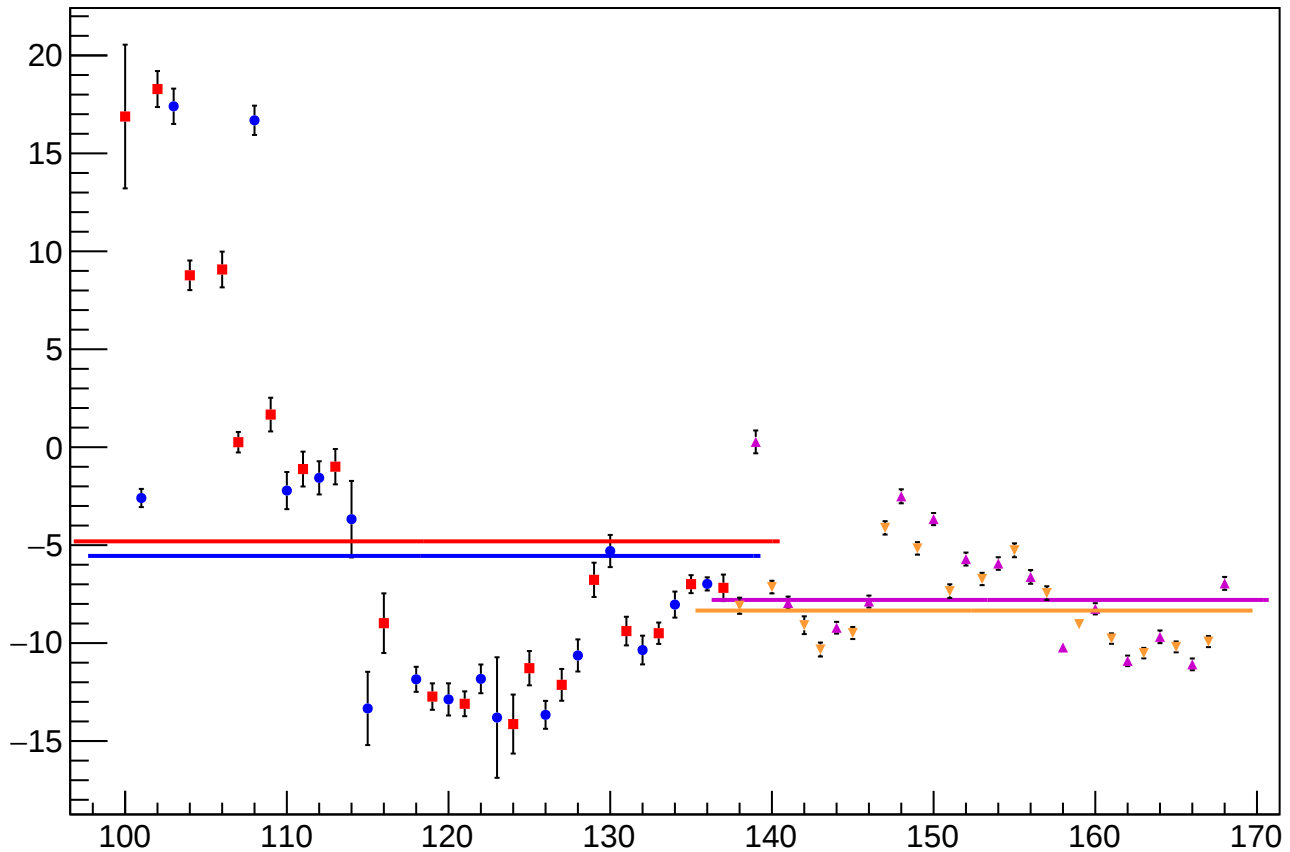
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -8.192 ± 0.088 $\chi^2/\text{NDF}: 4526.8/31$

Out: -7.935 ± 0.088 $\chi^2/\text{NDF}: 4738.1/34$

All: -8.064 ± 0.062 $\chi^2/\text{NDF}: 9269.2/66$

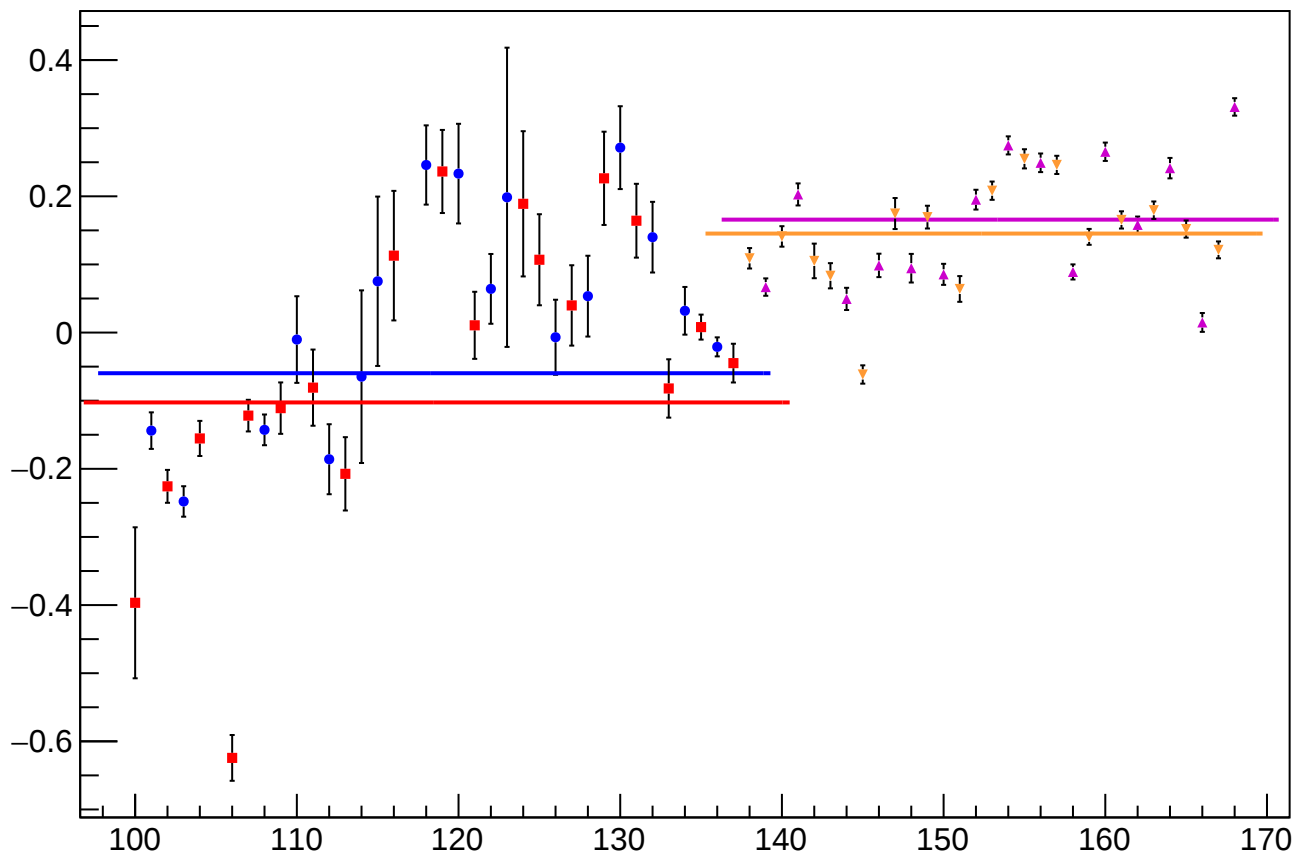
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16
 Left Out: -8.340 ± 0.079 χ^2/NDF : 605.4/15
 Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18
 Left In: -7.796 ± 0.081 χ^2/NDF : 1090.8/14

Left: -8.075 ± 0.057 χ^2/NDF : 1719.3/30
 Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35
 In: -7.381 ± 0.073 χ^2/NDF : 3359.5/31
 Out: -7.728 ± 0.072 χ^2/NDF : 3000.0/34
 All: -7.557 ± 0.051 χ^2/NDF : 6370.9/66

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.145 ± 0.004 χ^2/NDF : 432.1/15

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.166 ± 0.004 χ^2/NDF : 692.8/14

Left: 0.156 ± 0.003 χ^2/NDF : 1140.7/30

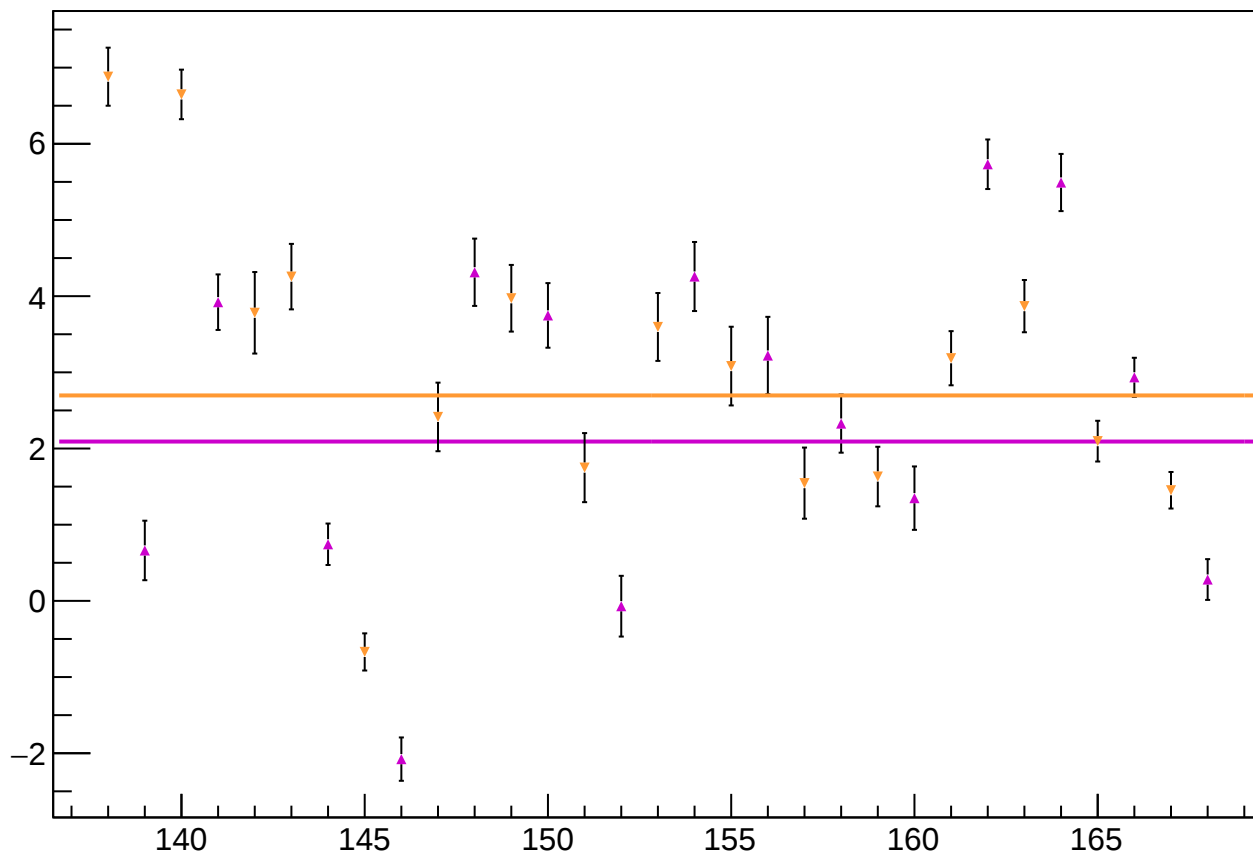
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.130 ± 0.003 χ^2/NDF : 1516.5/31

Out: 0.106 ± 0.003 χ^2/NDF : 1598.5/34

All: 0.118 ± 0.002 χ^2/NDF : 3140.0/66

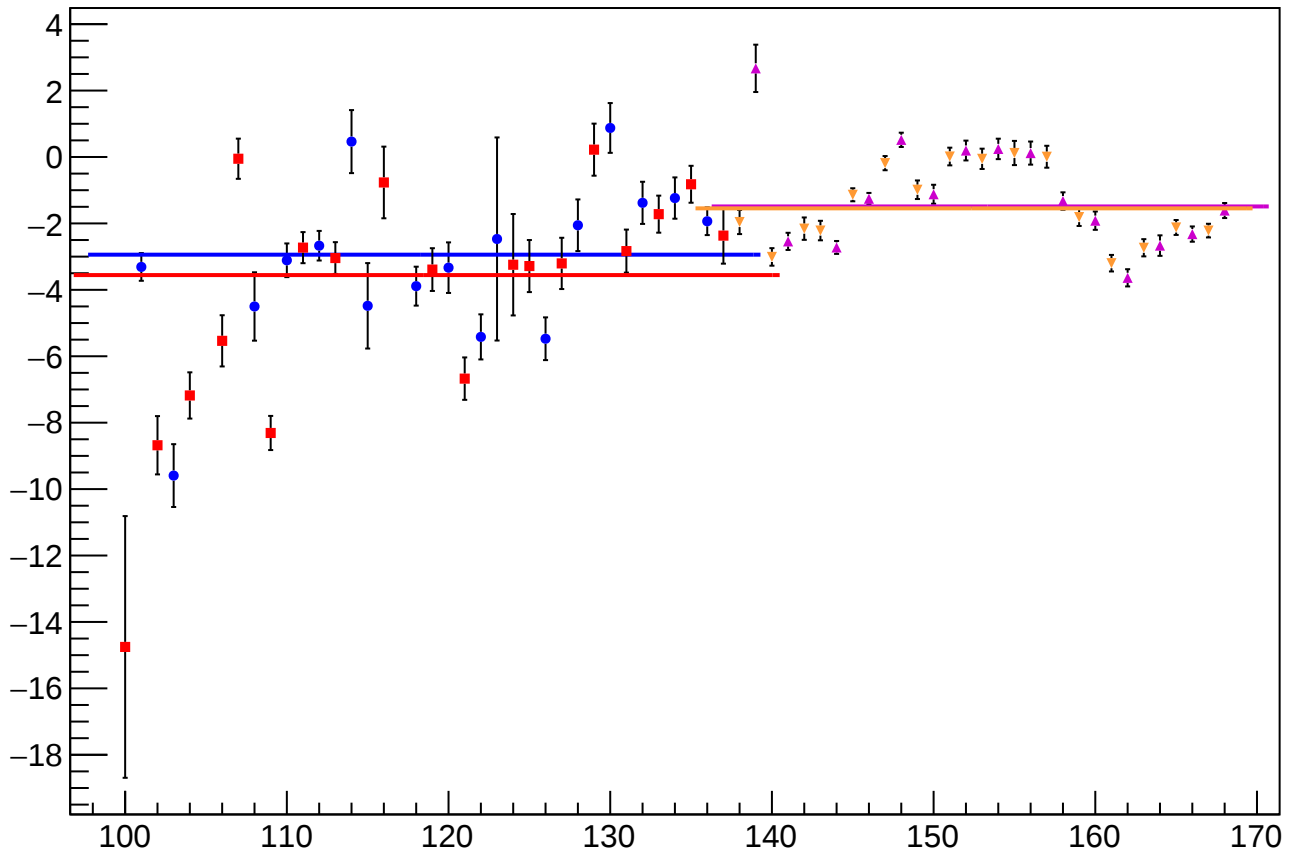
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.697 $\pm$ 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: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.489 ± 0.066 χ^2/NDF : 365.3/14

Left: -1.518 ± 0.046 χ^2/NDF : 639.3/30

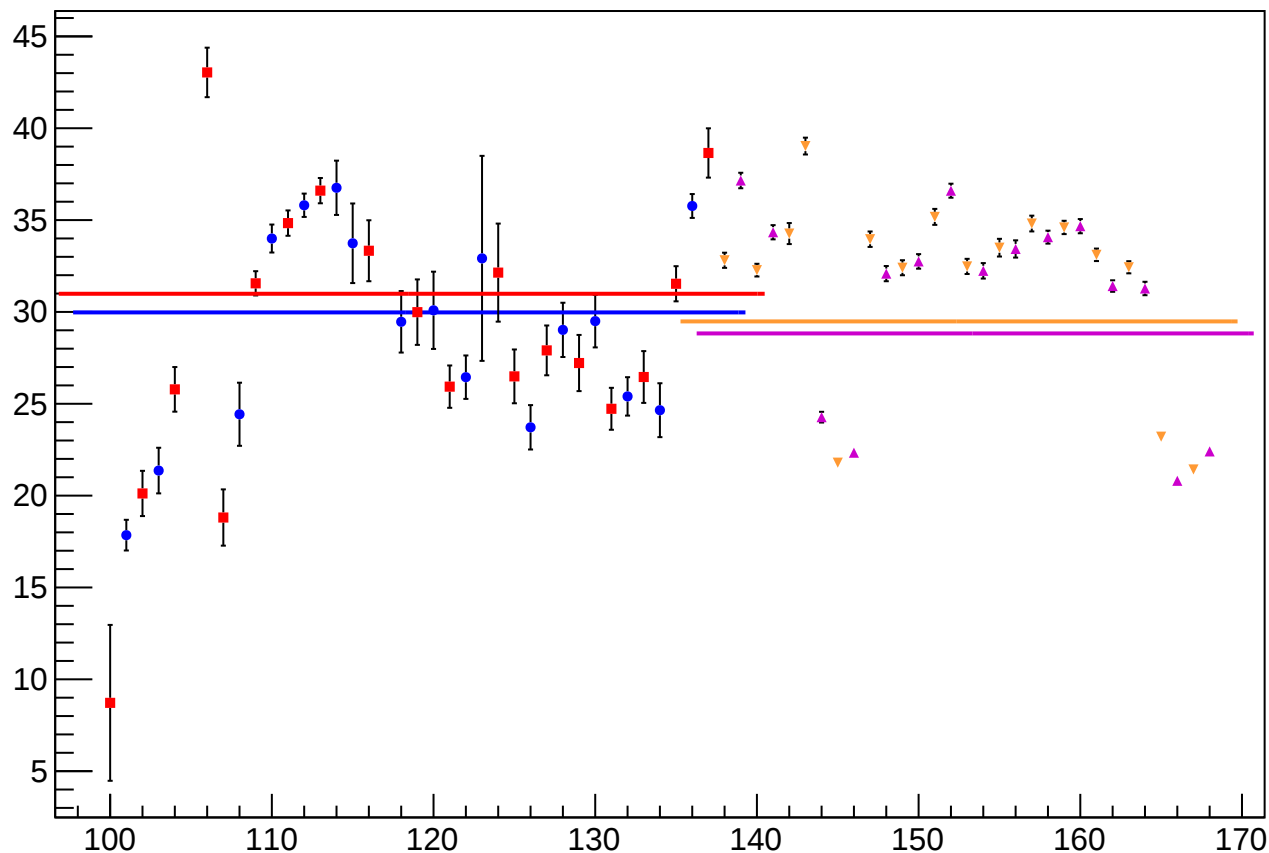
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.712 ± 0.060 χ^2/NDF : 585.9/31

Out: -1.853 ± 0.060 χ^2/NDF : 708.5/34

All: -1.783 ± 0.043 χ^2/NDF : 1297.2/66

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 29.484 $\pm$ 0.089 χ^2 /NDF:4148.3/15

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 28.830 $\pm$ 0.089 χ^2 /NDF:4206.8/14

Left: 29.154 $\pm$ 0.063 χ^2 /NDF: 8382.2/30

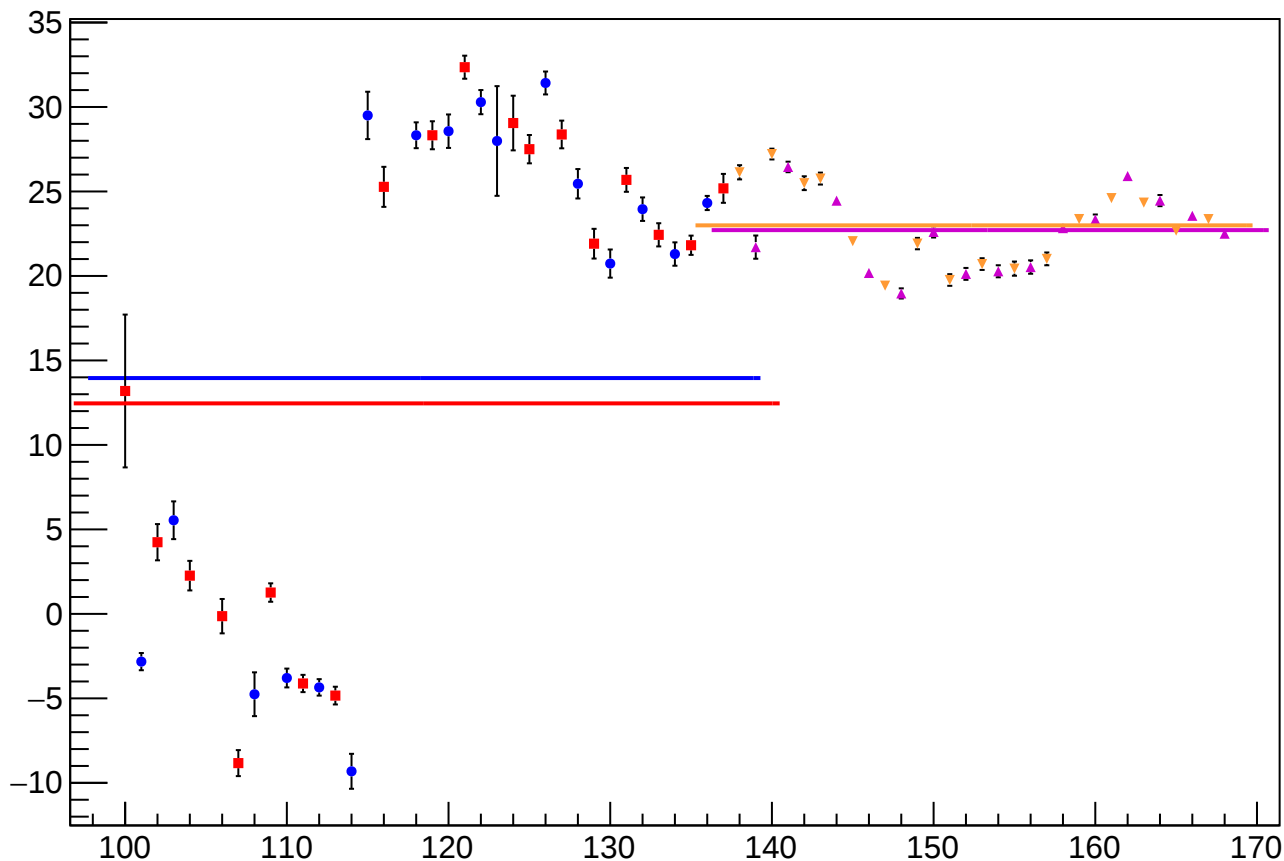
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 28.943 $\pm$ 0.084 χ^2 /NDF:4777.3/31

Out: 29.643 $\pm$ 0.084 χ^2 /NDF:4659.3/34

All: 29.291 $\pm$ 0.060 χ^2 /NDF: 9471.1/66

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 ± 0.172 $\chi^2/\text{NDF}: 7348.7/16$

Left Out: 22.995 ± 0.075 $\chi^2/\text{NDF}: 765.9/15$

Right Out: 12.458 ± 0.174 $\chi^2/\text{NDF}: 6979.9/18$

Left In: 22.712 ± 0.076 $\chi^2/\text{NDF}: 807.7/14$

Left: 22.855 ± 0.054 $\chi^2/\text{NDF}: 1580.5/30$

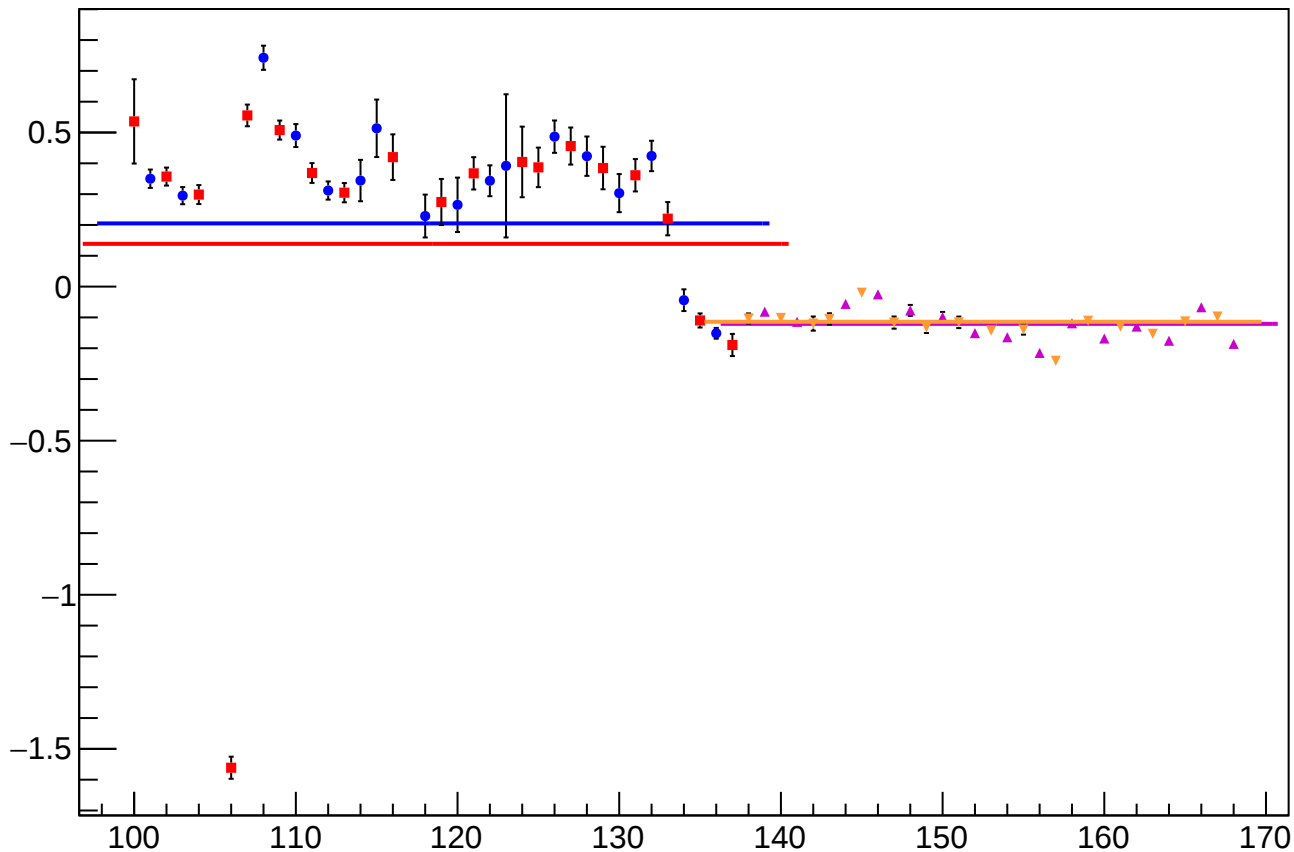
Right: 13.213 ± 0.122 $\chi^2/\text{NDF}: 14366.2/35$

In: 21.281 ± 0.070 $\chi^2/\text{NDF}: 10316.1/31$

Out: 21.324 ± 0.069 $\chi^2/\text{NDF}: 10845.1/34$

All: 21.303 ± 0.049 $\chi^2/\text{NDF}: 21161.4/66$

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.114 ± 0.004 $\chi^2/\text{NDF}: 184.2/15$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.121 ± 0.004 $\chi^2/\text{NDF}: 235.4/14$

Left: -0.117 ± 0.002 $\chi^2/\text{NDF}: 421.5/30$

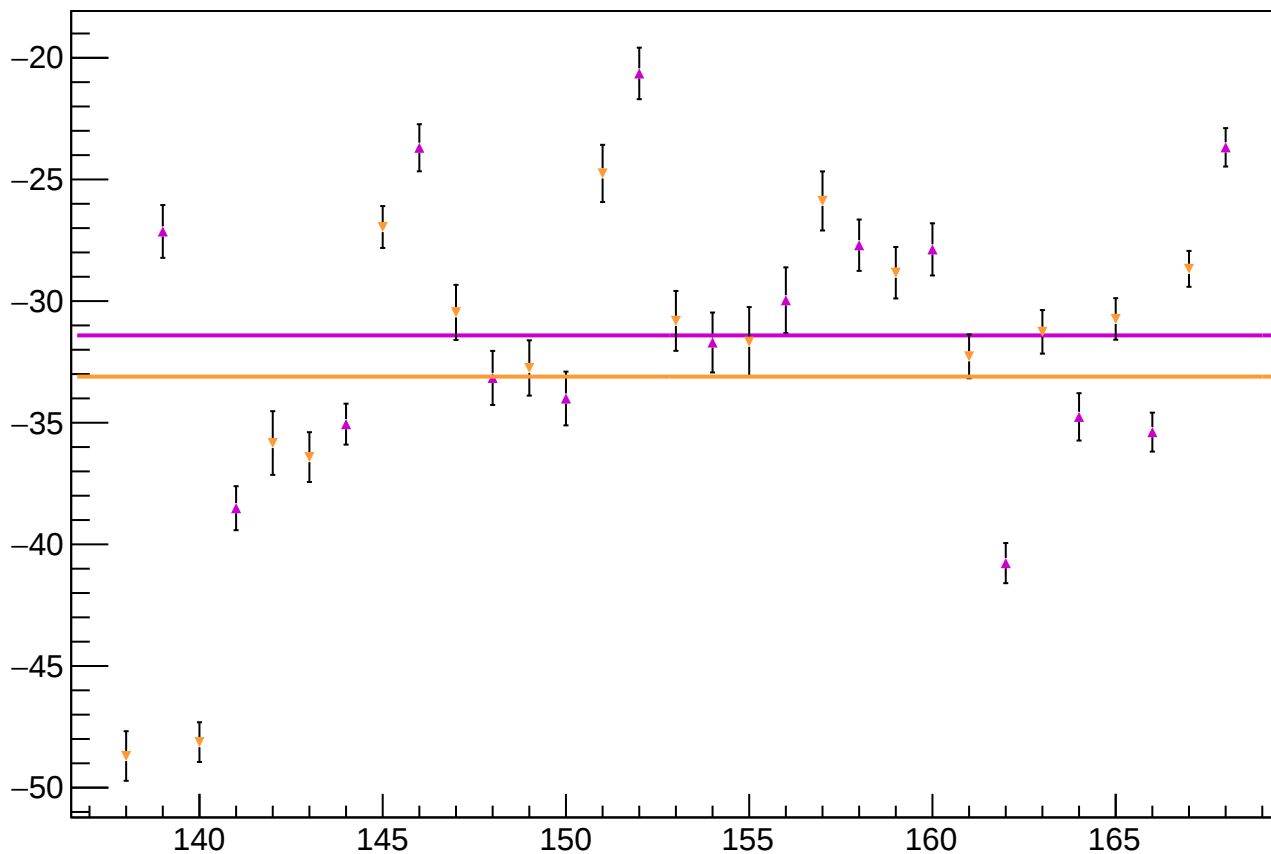
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.080 ± 0.003 $\chi^2/\text{NDF}: 2141.2/31$

Out: -0.082 ± 0.003 $\chi^2/\text{NDF}: 3860.2/34$

All: -0.081 ± 0.002 $\chi^2/\text{NDF}: 6001.5/66$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



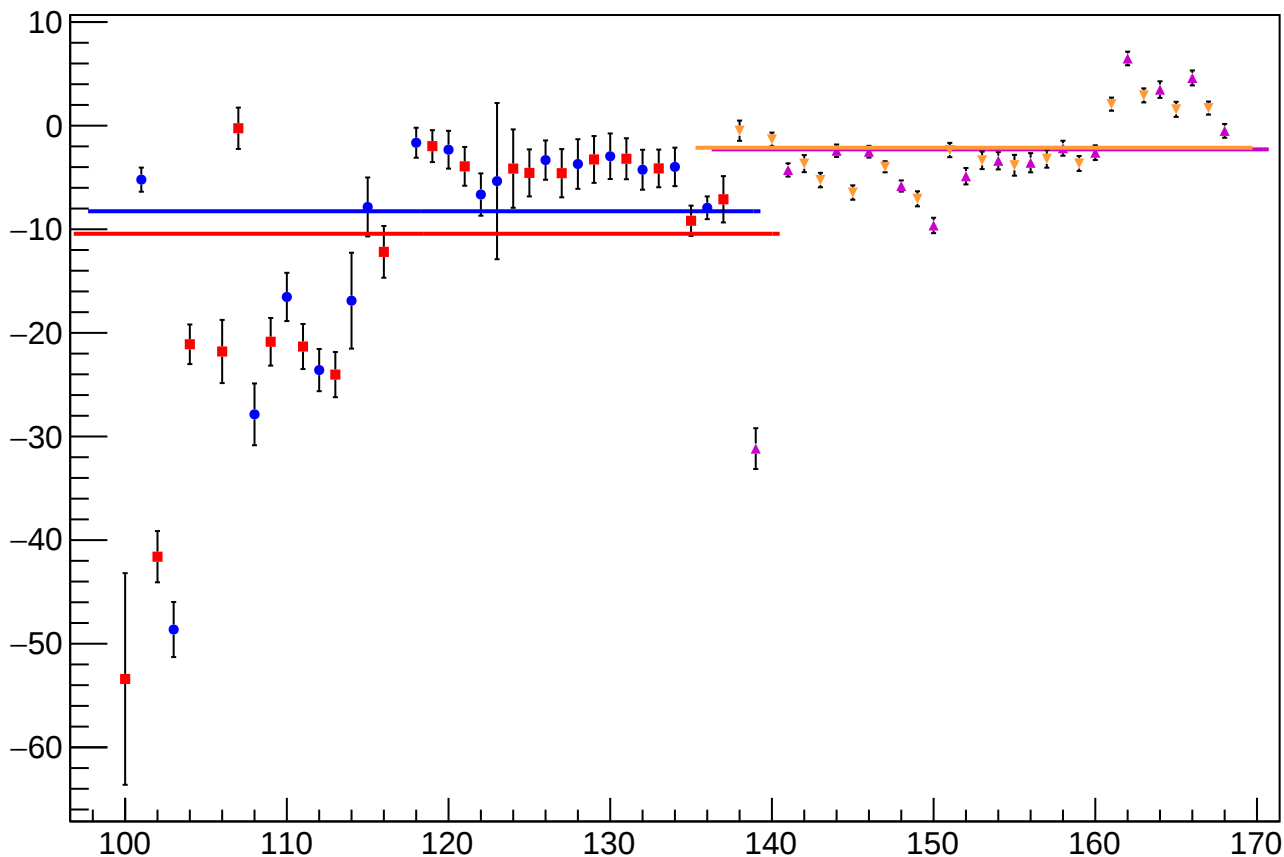
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.103 ± 0.250 χ^2/NDF : 799.4/15
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -31.410 ± 0.252 χ^2/NDF : 556.4/14

Left: -32.265 ± 0.177 χ^2/NDF : 1378.6/30
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -31.410 ± 0.252 χ^2/NDF : 556.4/14
 Out: -33.103 ± 0.250 χ^2/NDF : 799.4/15

All: -32.265 ± 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: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -2.289 ± 0.183 $\chi^2/\text{NDF}: 706.8/14$

Left: -2.208 ± 0.128 $\chi^2/\text{NDF}: 1004.0/30$

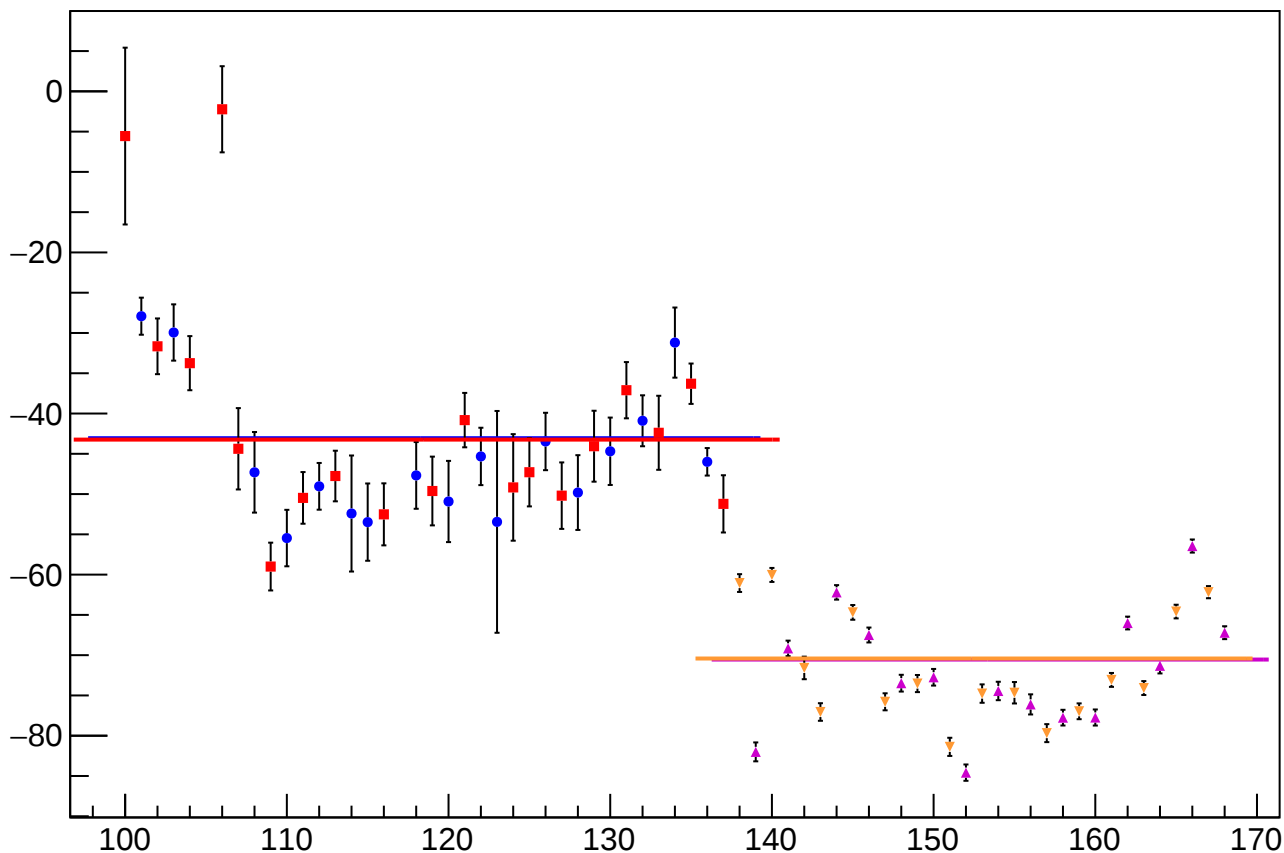
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -3.096 ± 0.170 $\chi^2/\text{NDF}: 1262.8/31$

Out: -3.109 ± 0.168 $\chi^2/\text{NDF}: 978.2/34$

All: -3.103 ± 0.120 $\chi^2/\text{NDF}: 2241.0/66$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

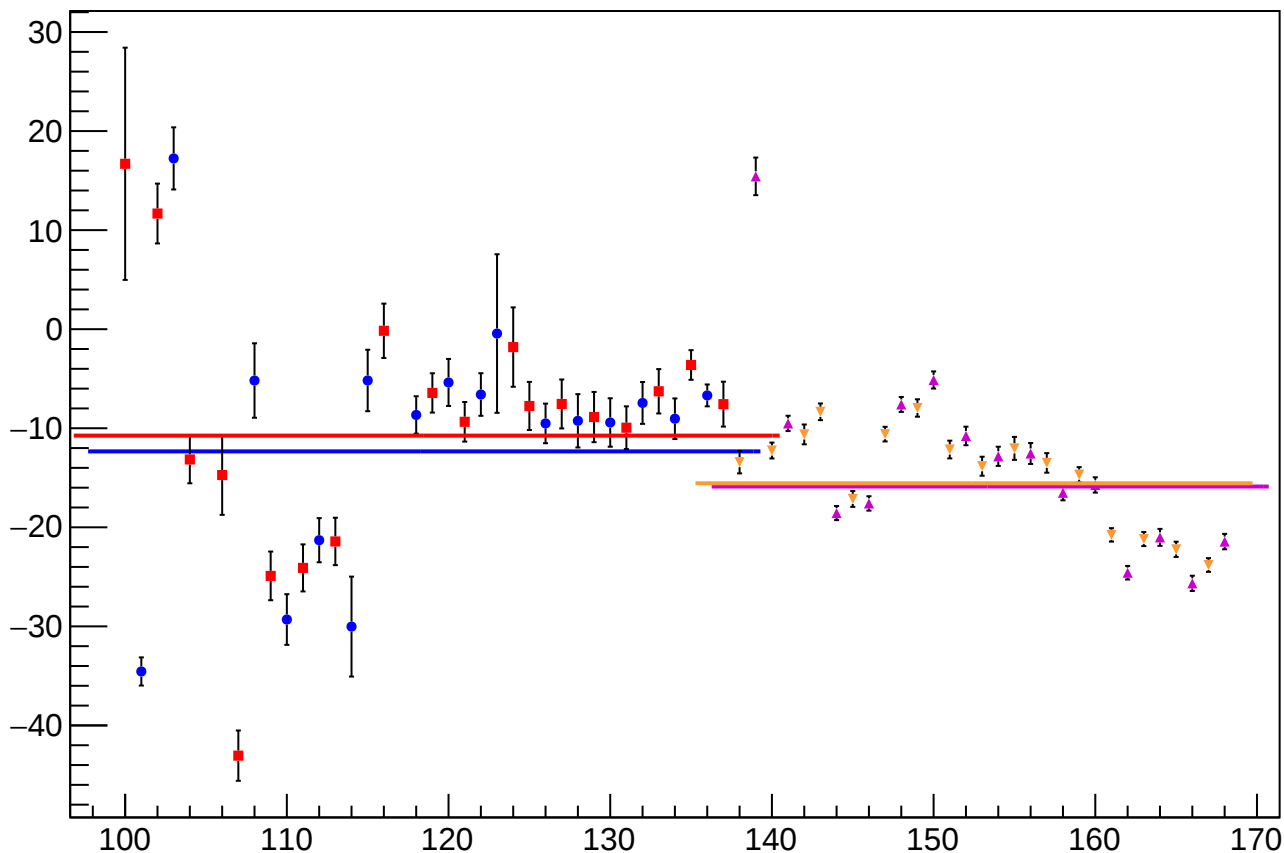


Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -70.416 ± 0.248 $\chi^2/\text{NDF}: 752.2/15$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -70.545 ± 0.248 $\chi^2/\text{NDF}: 887.1/14$

Left: -70.480 ± 0.175 $\chi^2/\text{NDF}: 1639.5/30$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -68.320 ± 0.238 $\chi^2/\text{NDF}: 1980.9/31$
 Out: -68.355 ± 0.238 $\chi^2/\text{NDF}: 1816.6/34$

All: -68.338 ± 0.168 $\chi^2/\text{NDF}: 3797.5/66$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -15.557 ± 0.208 $\chi^2/\text{NDF}: 612.4/15$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -15.884 ± 0.212 $\chi^2/\text{NDF}: 1093.1/14$

Left: -15.717 ± 0.148 $\chi^2/\text{NDF}: 1706.7/30$

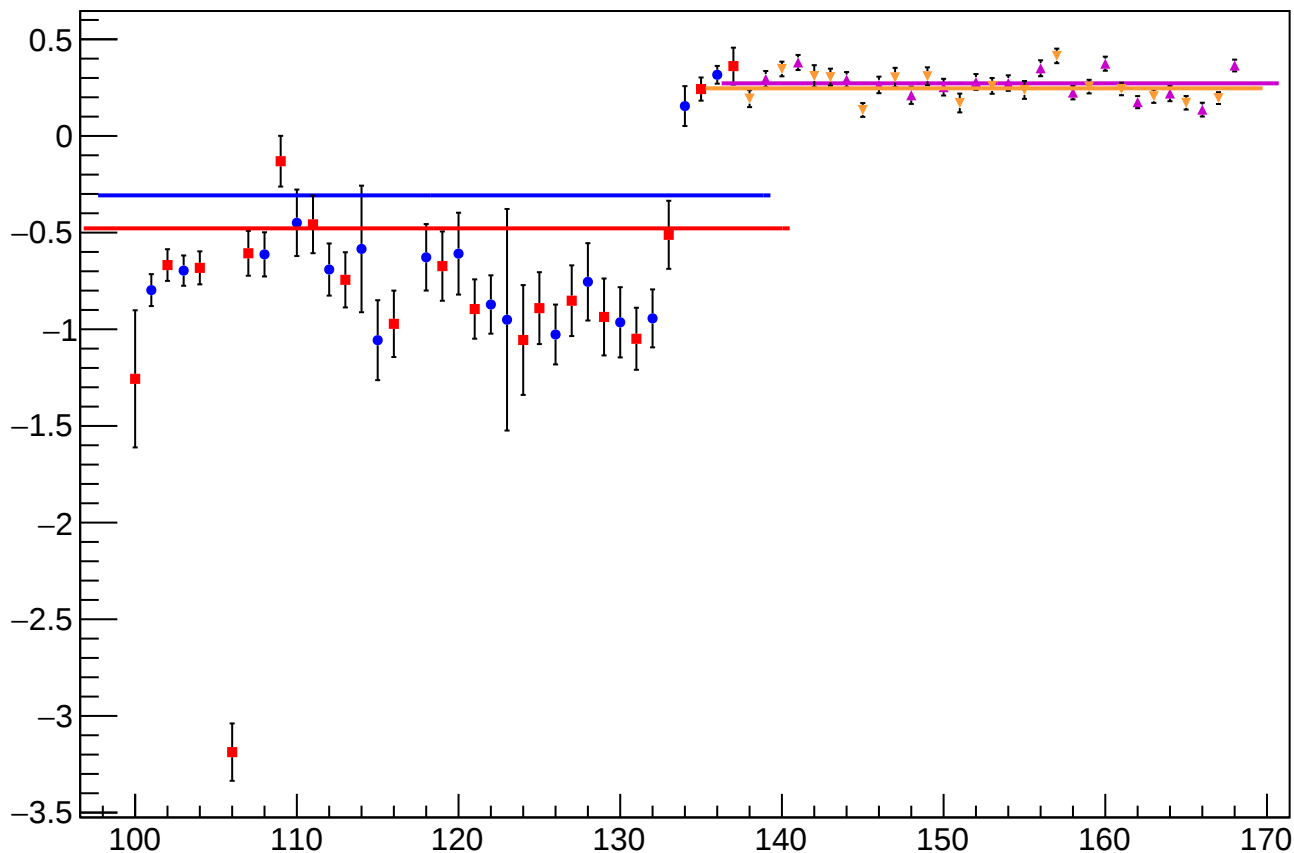
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -15.378 ± 0.196 $\chi^2/\text{NDF}: 1608.1/31$

Out: -14.962 ± 0.195 $\chi^2/\text{NDF}: 1045.7/34$

All: -15.168 ± 0.138 $\chi^2/\text{NDF}: 2656.0/66$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.246 ± 0.010 χ^2/NDF : 55.5/15

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.272 ± 0.010 χ^2/NDF : 58.8/14

Left: 0.259 ± 0.007 χ^2/NDF : 117.7/30

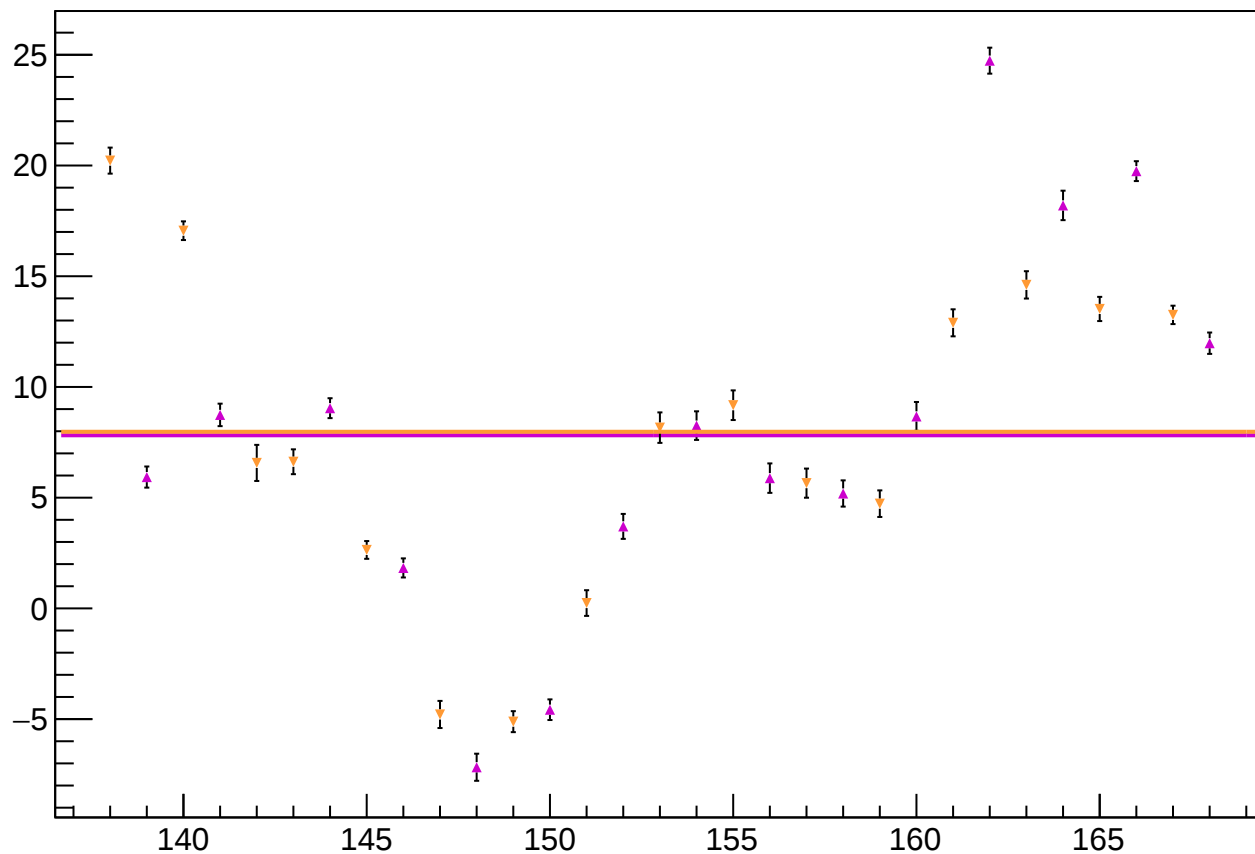
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.207 ± 0.009 χ^2/NDF : 824.0/31

Out: 0.170 ± 0.009 χ^2/NDF : 1263.5/34

All: 0.188 ± 0.007 χ^2/NDF : 2095.5/66

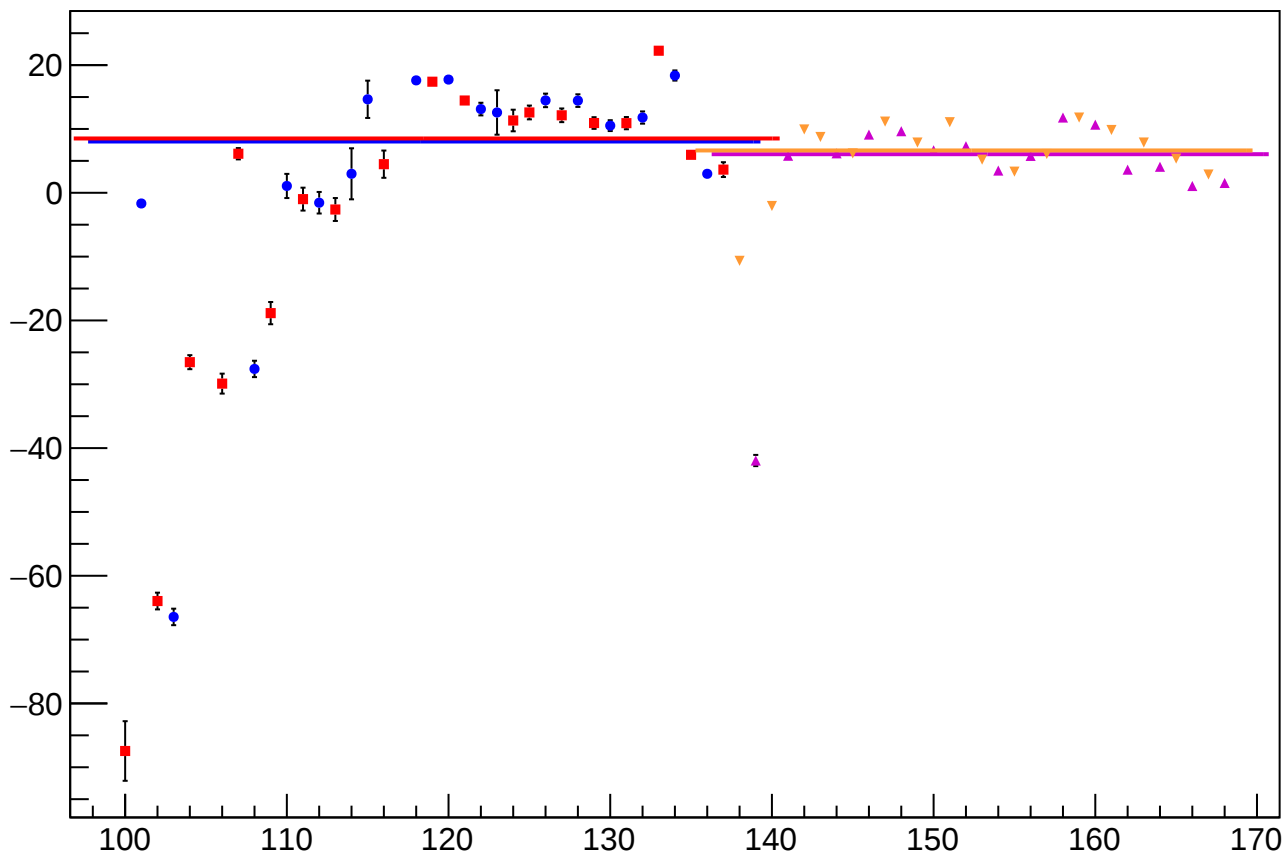
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.976+/-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: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.045 ± 0.100 χ^2/NDF : 3913.5/14

Left: 6.344 ± 0.070 χ^2/NDF : 6278.8/30

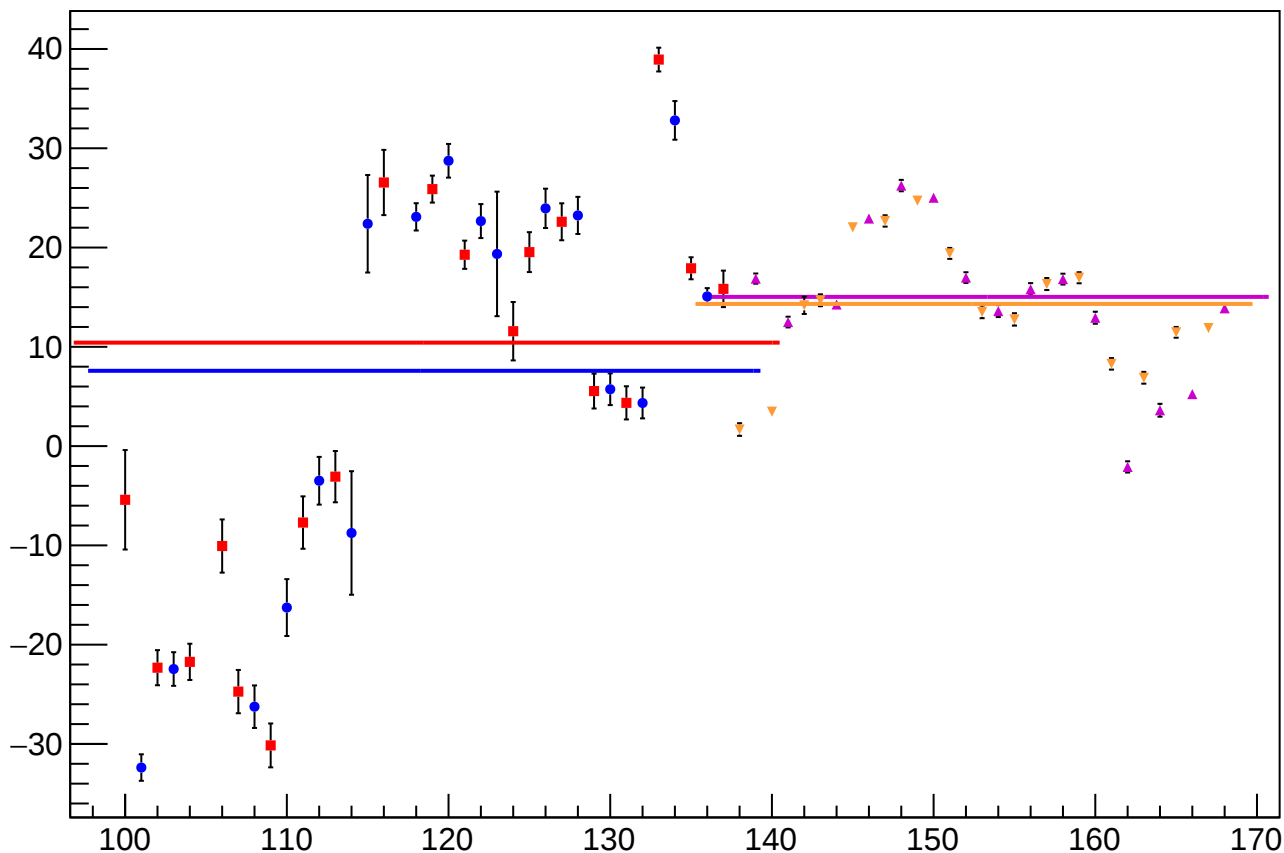
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.401 ± 0.091 χ^2/NDF : 9353.9/31

Out: 6.962 ± 0.089 χ^2/NDF : 9125.2/34

All: 6.687 ± 0.064 χ^2/NDF : 18498.5/66

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

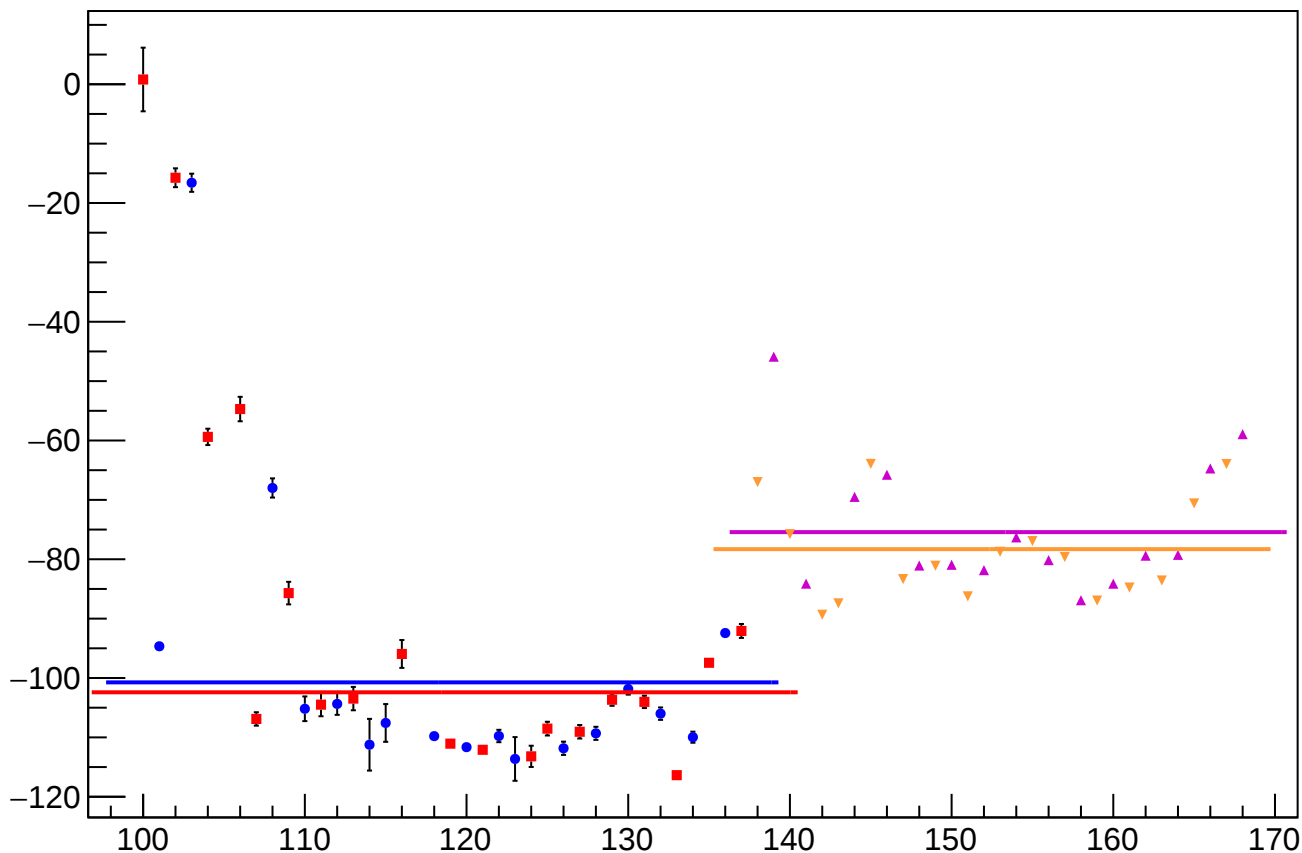


Right In: 7.585 $\pm$ 0.416 χ^2/NDF : 2322.7/16
 Left Out: 14.321 $\pm$ 0.136 χ^2/NDF :2521.3/15
 Right Out: 10.422 $\pm$ 0.416 χ^2/NDF : 2289.5/18
 Left In: 15.031 $\pm$ 0.135 χ^2/NDF :3044.2/14

Left: 14.679 $\pm$ 0.096 χ^2/NDF : 5579.2/30
 Right: 9.004 $\pm$ 0.294 χ^2/NDF : 4635.5/35
 In: 14.324 $\pm$ 0.128 χ^2/NDF :5656.5/31
 Out: 13.945 $\pm$ 0.129 χ^2/NDF :4890.2/34

All: 14.136 $\pm$ 0.091 χ^2/NDF : 10551.0/66

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -78.296 ± 0.115 $\chi^2/\text{NDF}: 5313.3/15$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -75.430 ± 0.117 $\chi^2/\text{NDF}: 6280.2/14$

Left: -76.887 ± 0.082 $\chi^2/\text{NDF}: 11900.2/30$

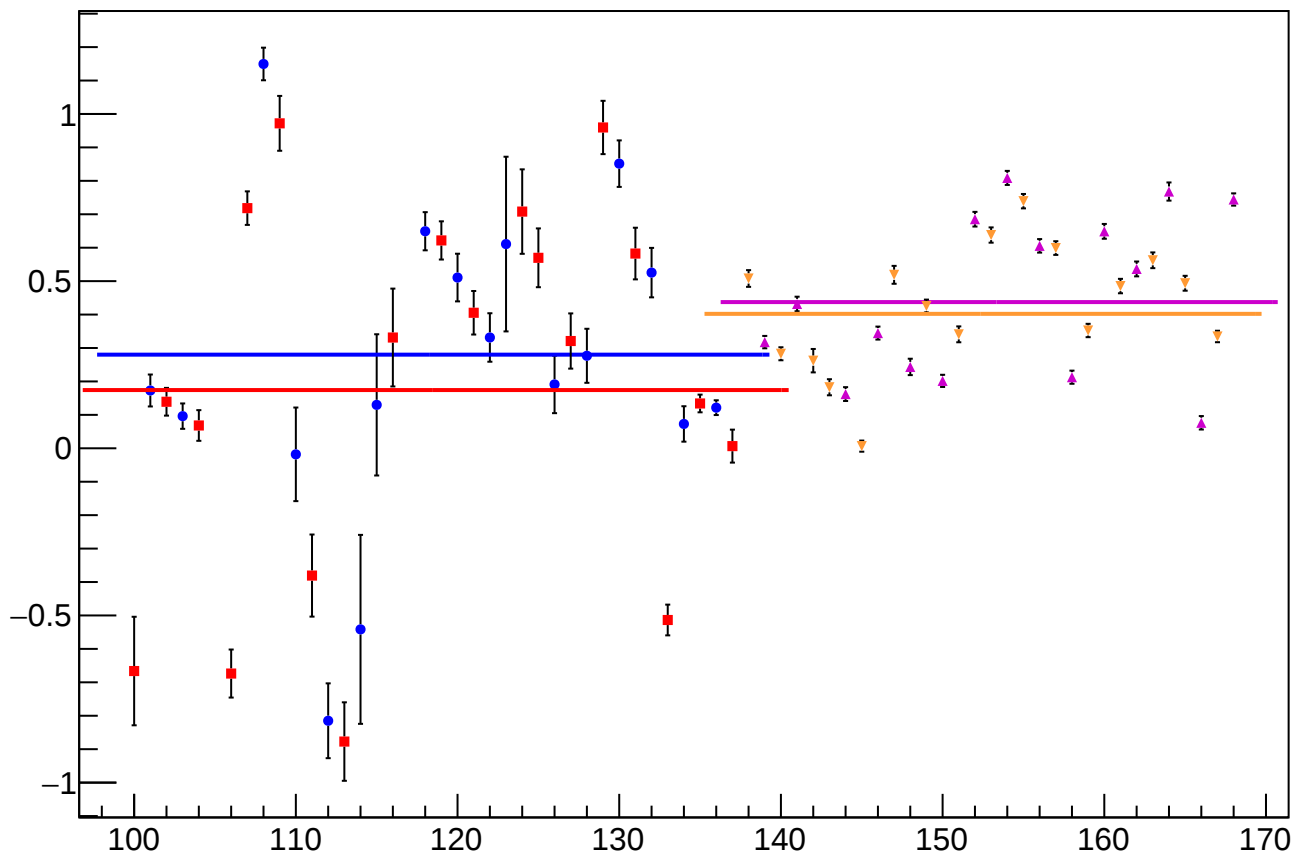
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -80.008 ± 0.106 $\chi^2/\text{NDF}: 19308.2/31$

Out: -82.608 ± 0.104 $\chi^2/\text{NDF}: 19299.8/34$

All: -81.328 ± 0.074 $\chi^2/\text{NDF}: 38915.7/66$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.402 ± 0.005 χ^2/NDF : 1289.3/15

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.437 ± 0.005 χ^2/NDF : 1970.0/14

Left: 0.420 ± 0.004 χ^2/NDF : 3280.8/30

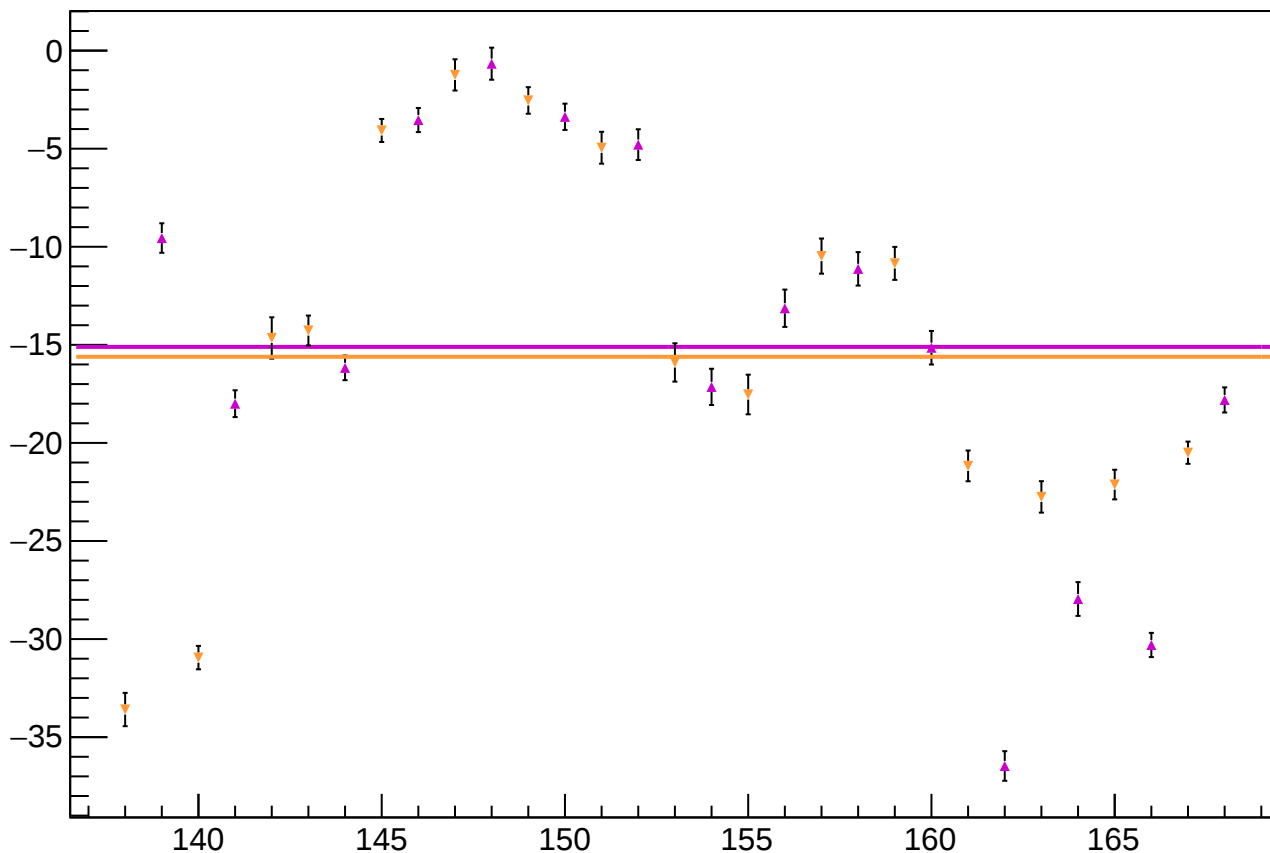
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.416 ± 0.005 χ^2/NDF : 2744.0/31

Out: 0.371 ± 0.005 χ^2/NDF : 2501.4/34

All: 0.393 ± 0.004 χ^2/NDF : 5286.6/66

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



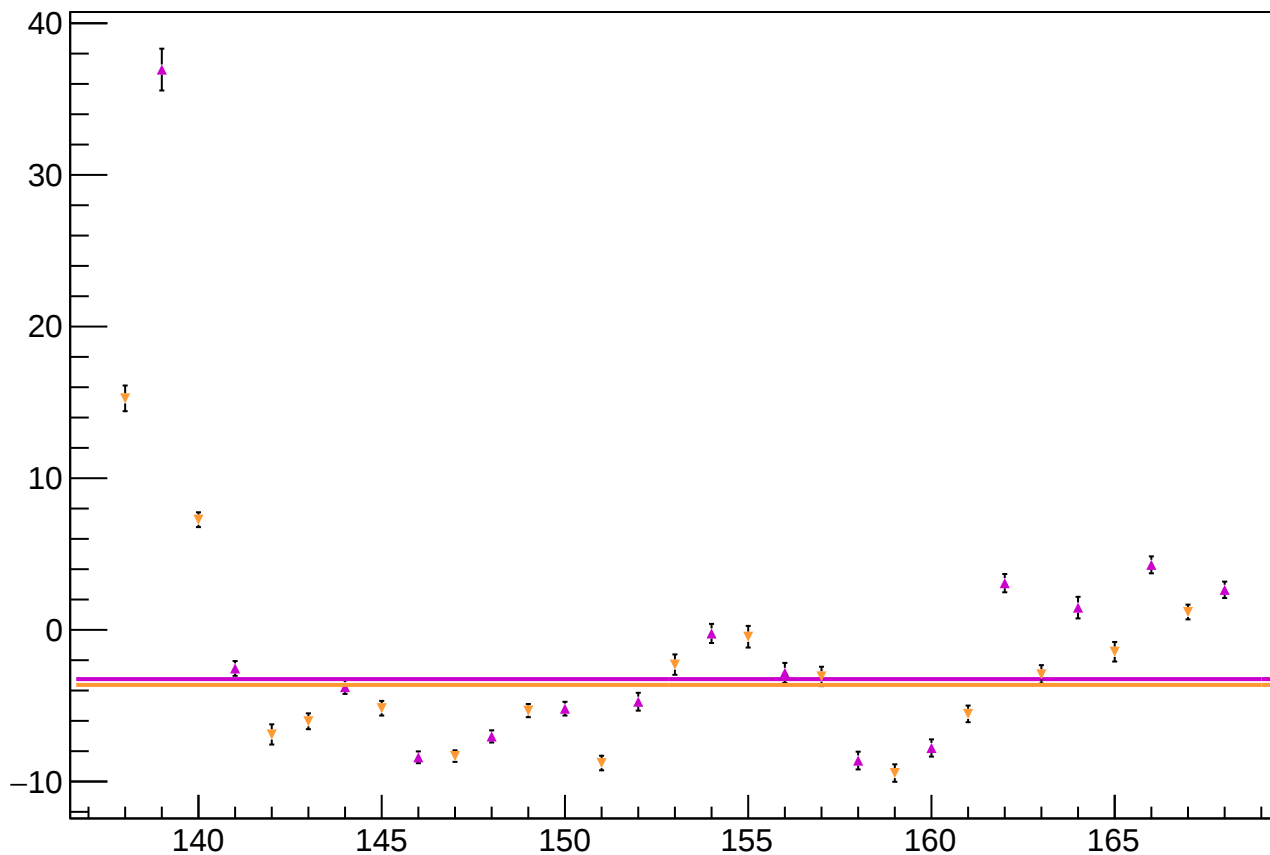
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.609+/-0.190 χ^2/NDF : 2718.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.105+/-0.190 χ^2/NDF : 2898.6/14

Left: -15.357+/-0.134 χ^2/NDF : 5620.1/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.105+/-0.190 χ^2/NDF : 2898.6/14
 Out: -15.609+/-0.190 χ^2/NDF : 2718.0/15

All: -15.357+/-0.134 χ^2/NDF : 5620.1/30

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



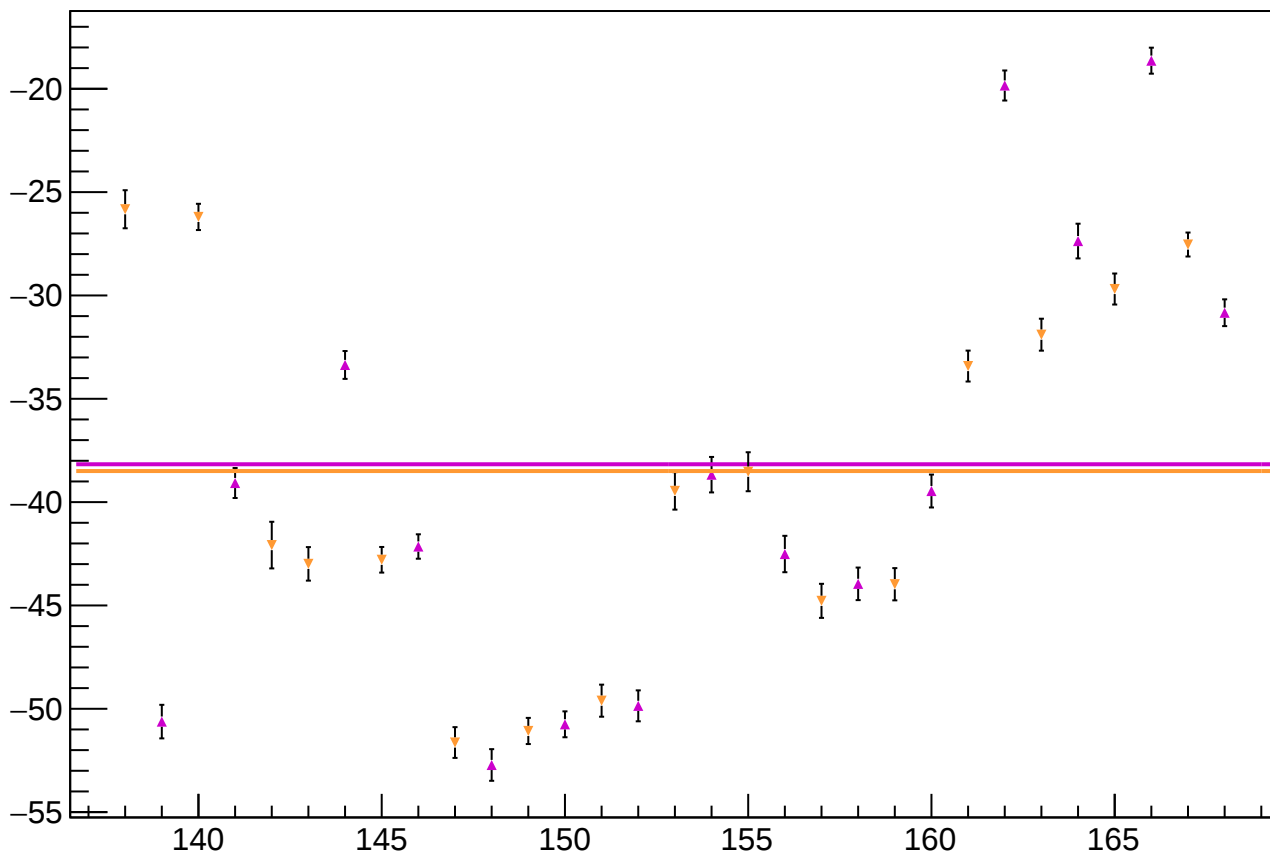
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.631+/-0.135 χ^2/NDF :1578.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.246+/-0.138 χ^2/NDF :1766.7/14

Left: -3.442+/-0.097 χ^2/NDF : 3349.4/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.246+/-0.138 χ^2/NDF :1766.7/14
 Out: -3.631+/-0.135 χ^2/NDF :1578.8/15

All: -3.442+/-0.097 χ^2/NDF : 3349.4/30

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



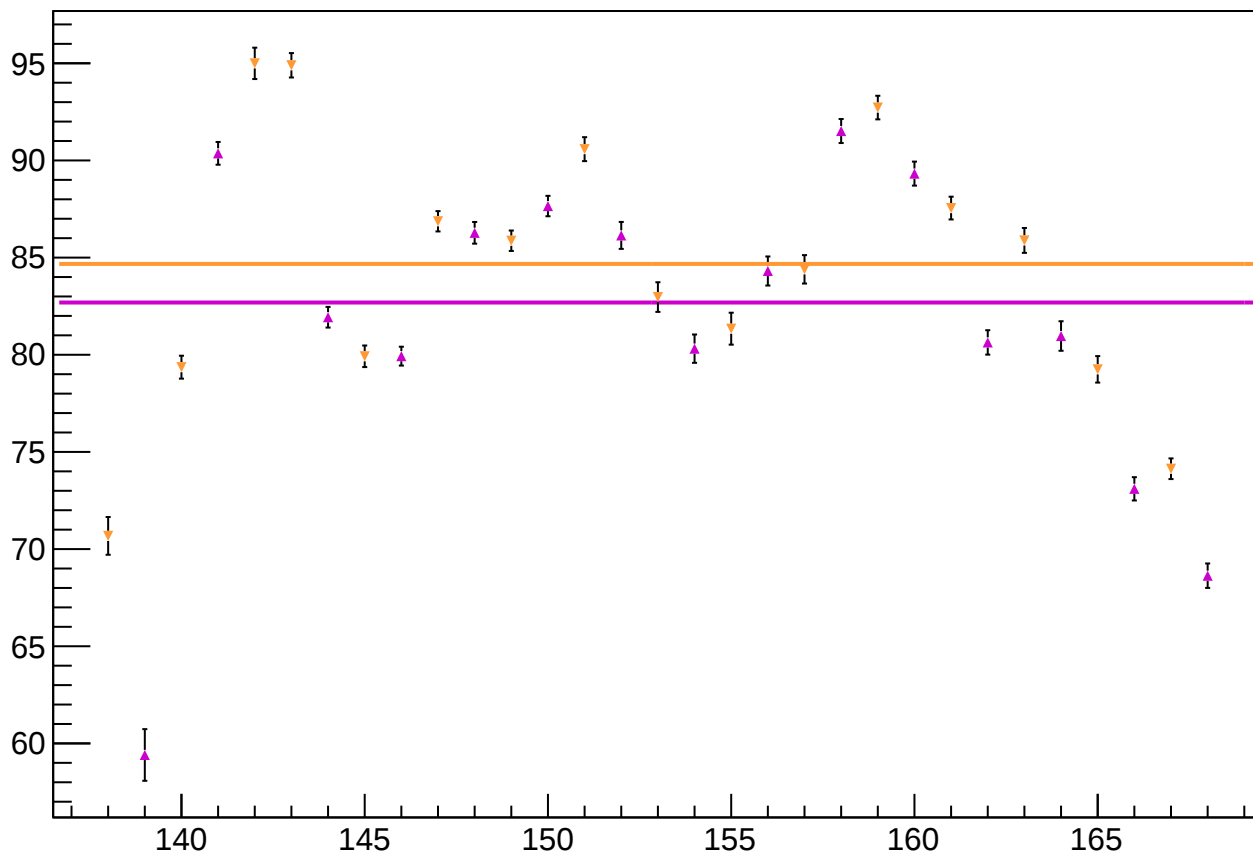
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.497+/-0.188 χ^2/NDF :2286.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.168+/-0.187 χ^2/NDF :3314.0/14

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

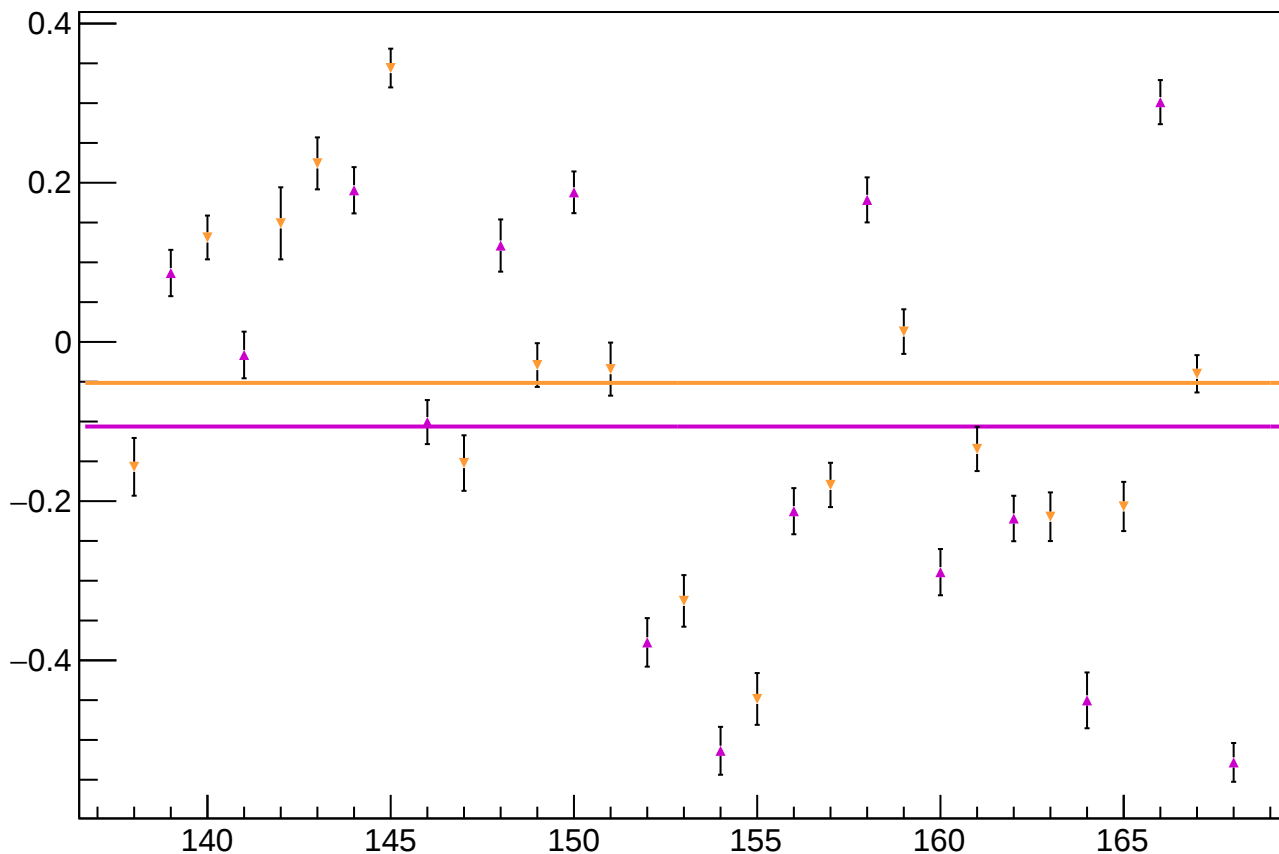
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

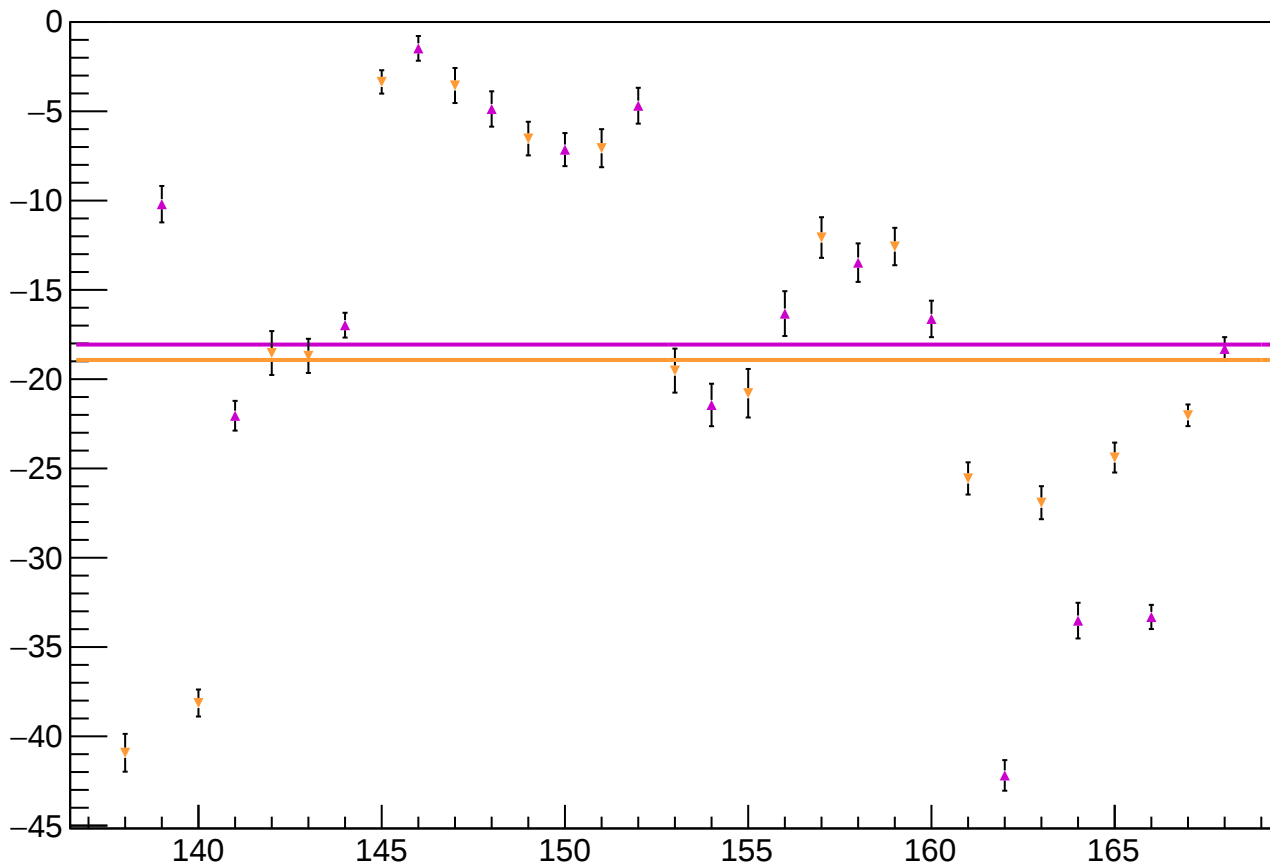
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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



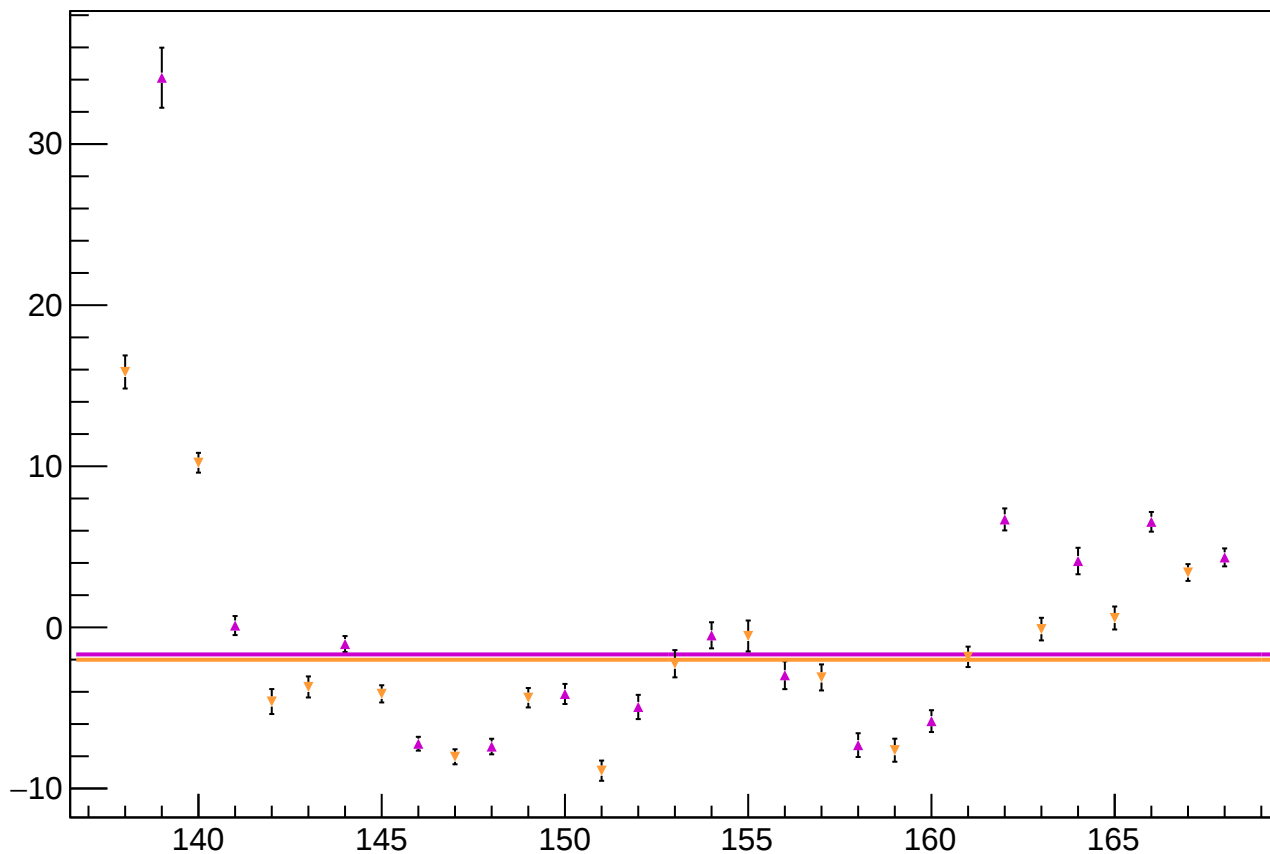
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -18.924 $\pm$ 0.228 χ^2/NDF :2456.6/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -18.062 $\pm$ 0.225 χ^2/NDF :2722.9/14

Left: -18.487 $\pm$ 0.160 χ^2/NDF : 5186.7/30
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -18.062 $\pm$ 0.225 χ^2/NDF :2722.9/14
 Out: -18.924 $\pm$ 0.228 χ^2/NDF :2456.6/15

All: -18.487 $\pm$ 0.160 χ^2/NDF : 5186.7/30

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



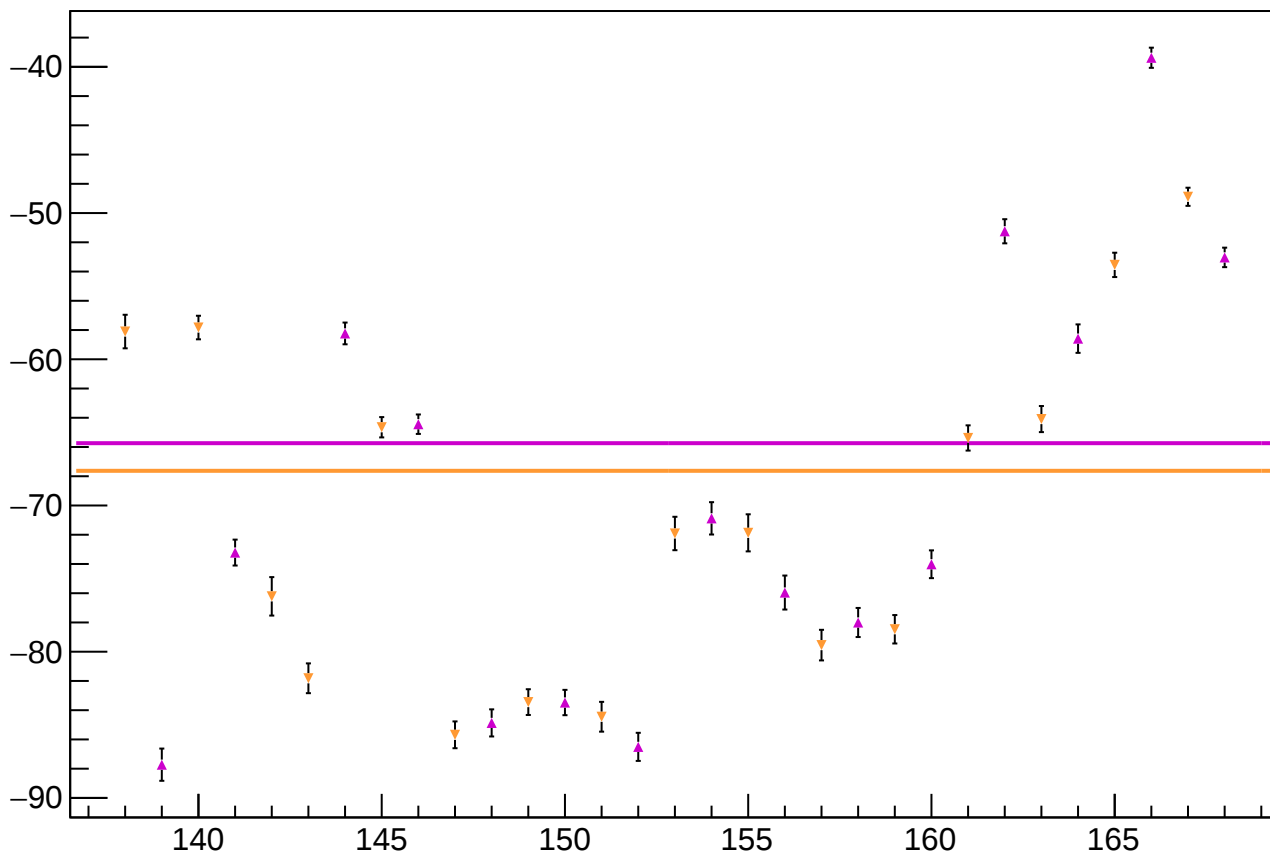
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.009+/-0.164 χ^2/NDF :1229.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.678+/-0.163 χ^2/NDF :1318.8/14

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

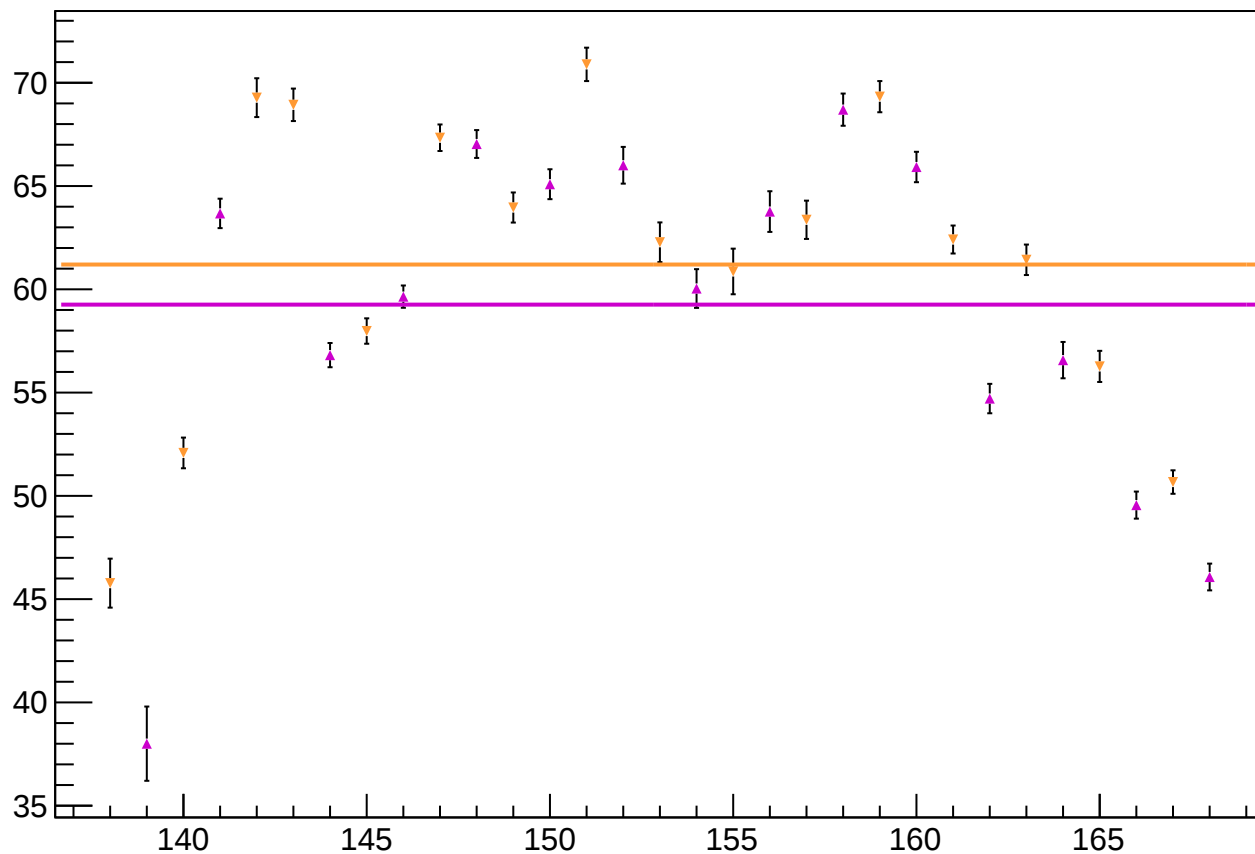
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

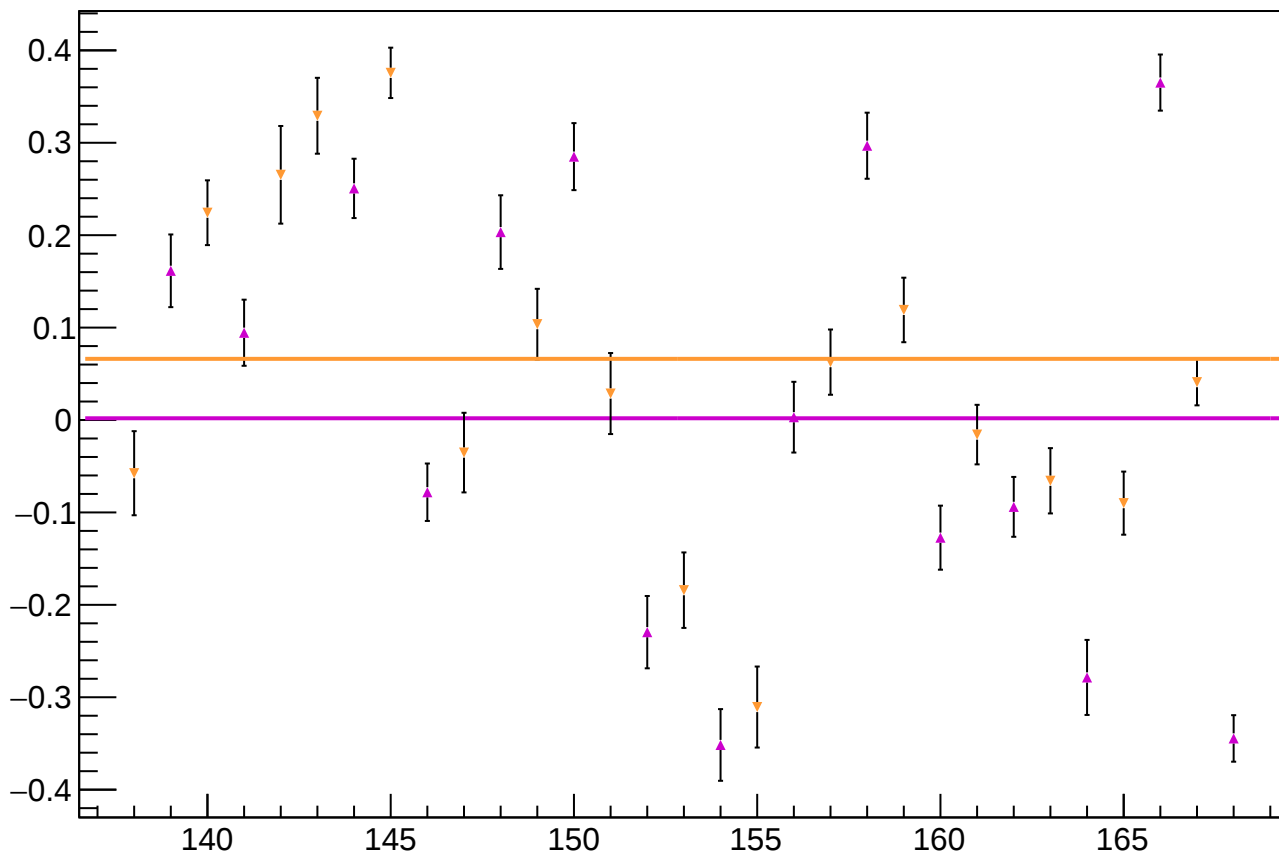
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: 61.200 +/- 0.191 χ^2/NDF : 1279.7/15
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: 59.259 +/- 0.190 χ^2/NDF : 1385.7/14

Left: 60.226 +/- 0.135 χ^2/NDF : 2717.3/30
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 59.259 +/- 0.190 χ^2/NDF : 1385.7/14
 Out: 61.200 +/- 0.191 χ^2/NDF : 1279.7/15
 All: 60.226 +/- 0.135 χ^2/NDF : 2717.3/30

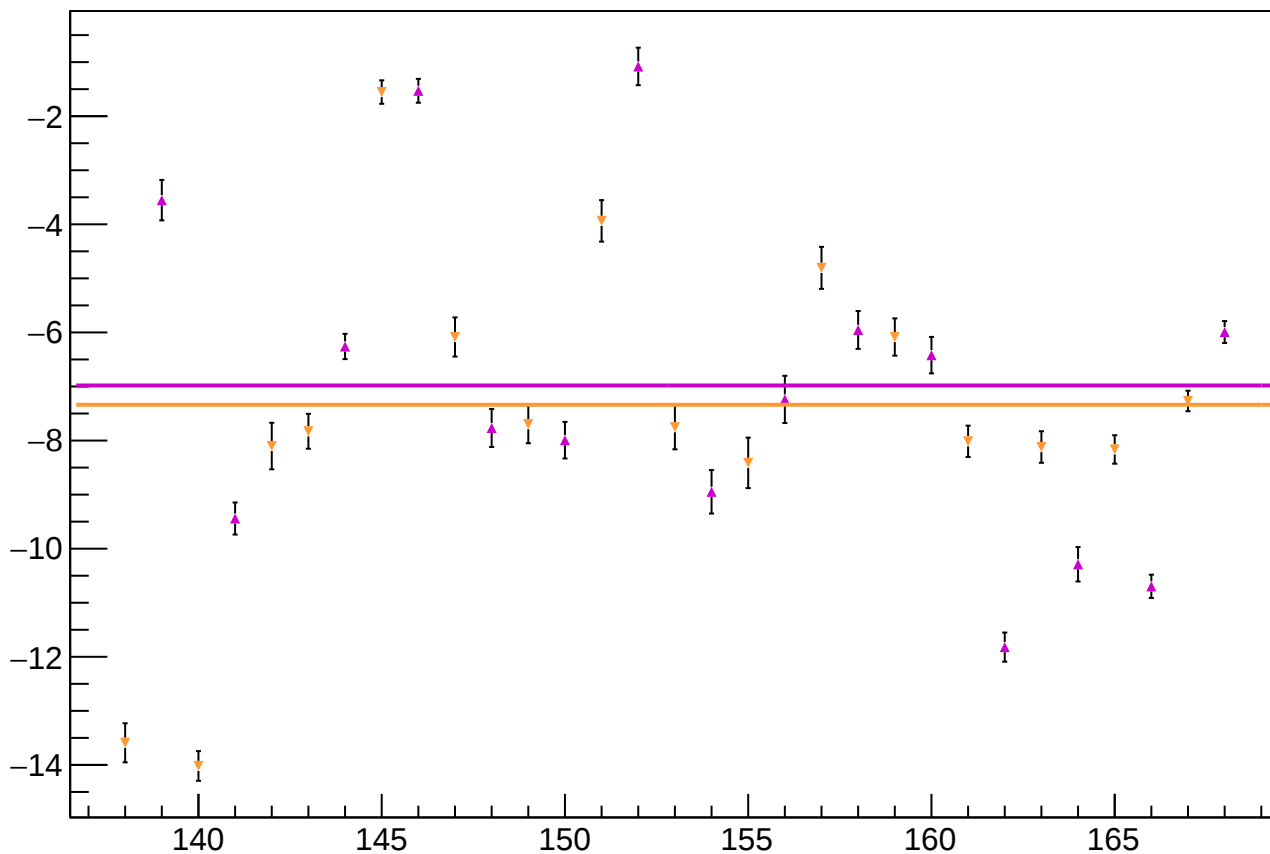
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

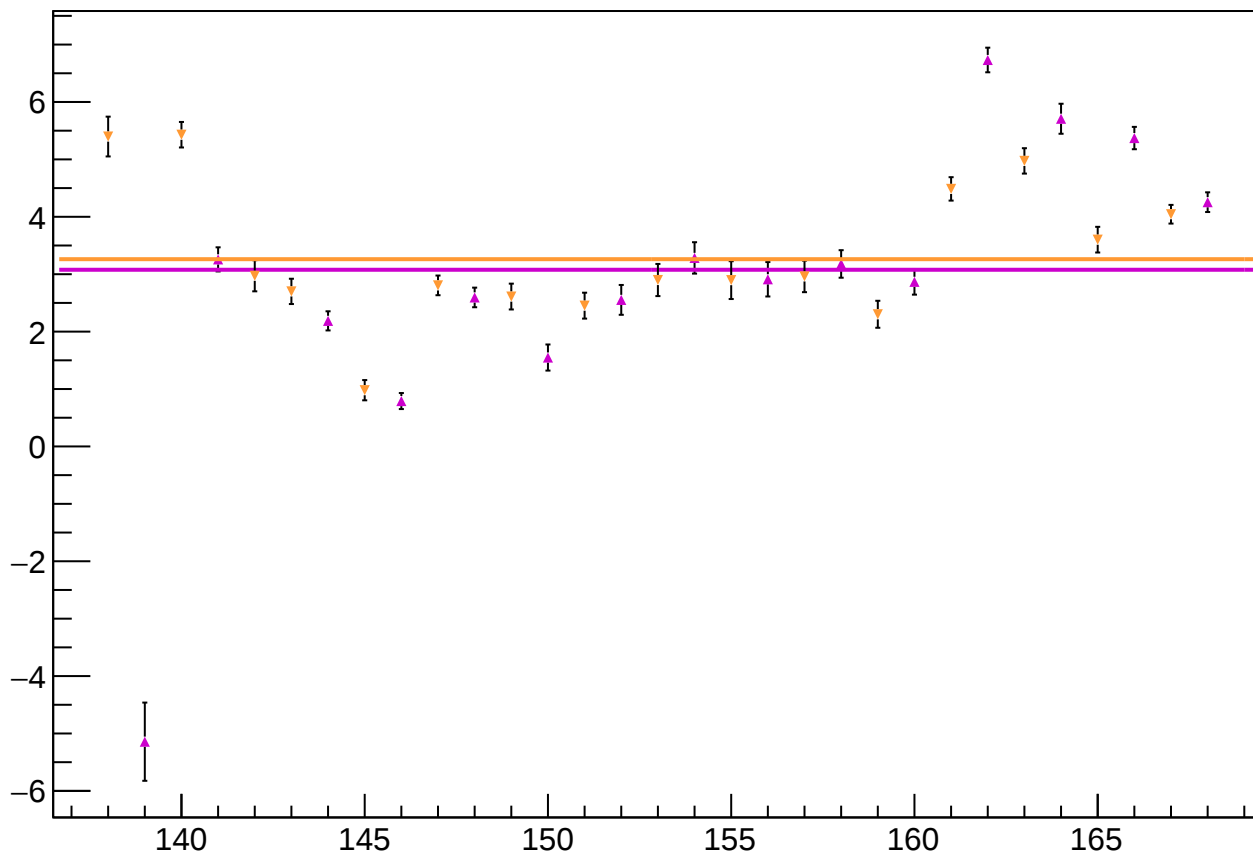
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

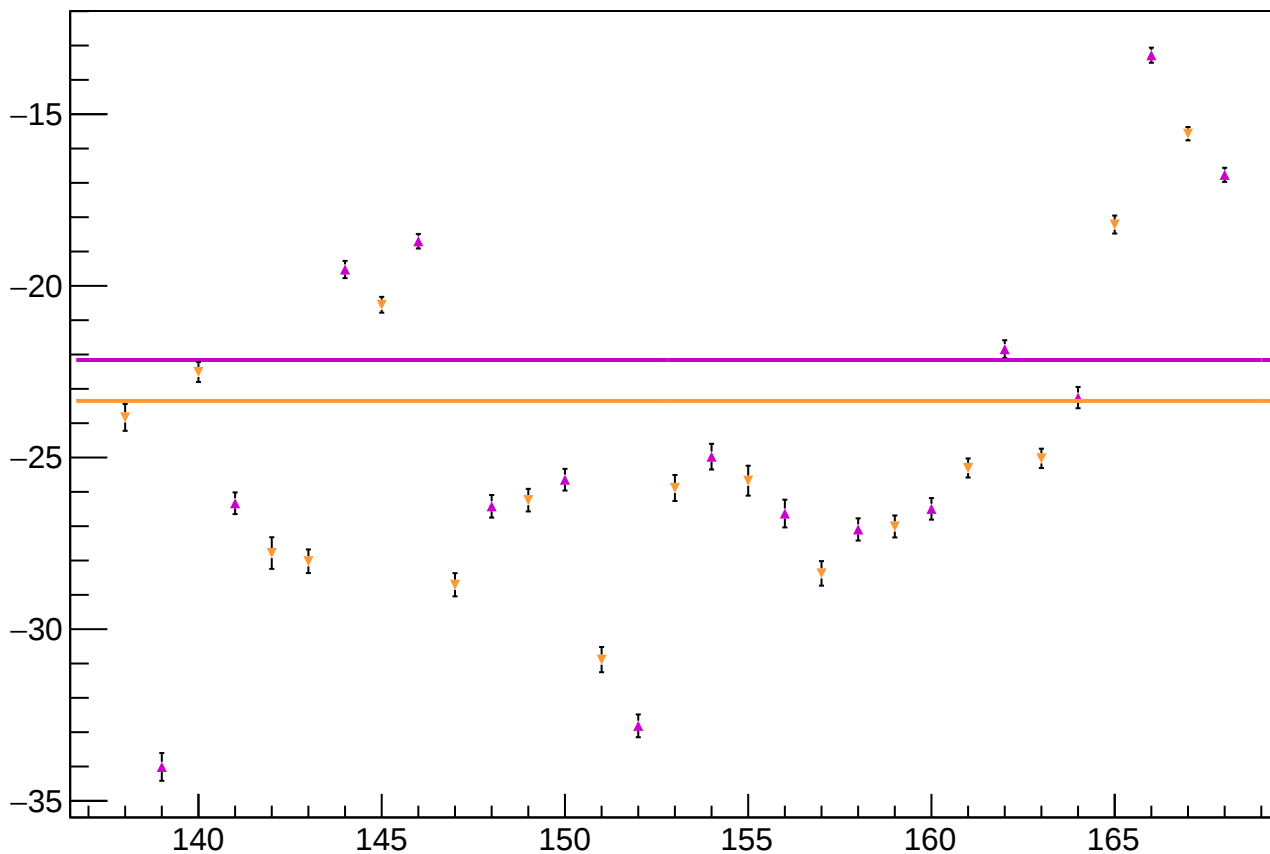
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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



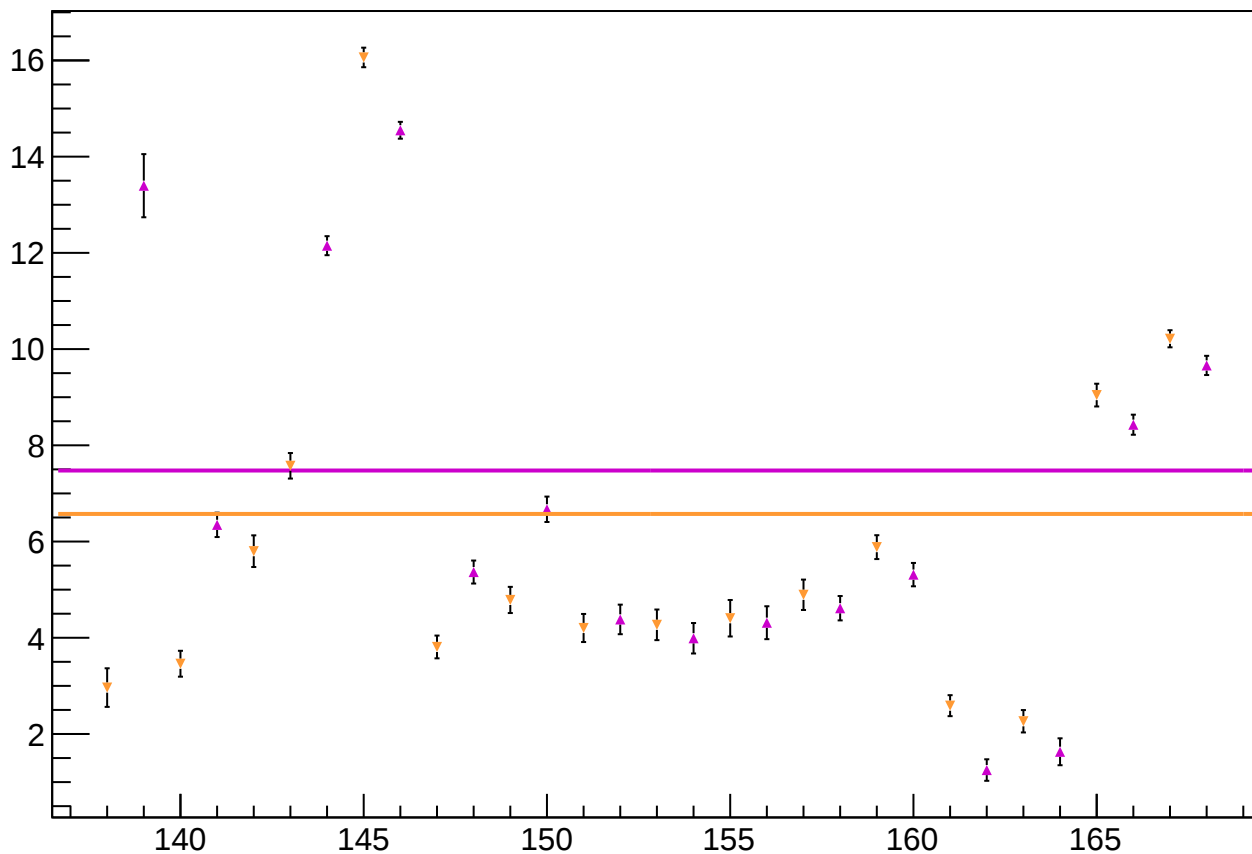
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.351+/-0.076 χ^2/NDF :3659.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -22.159+/-0.073 χ^2/NDF :5666.9/14

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

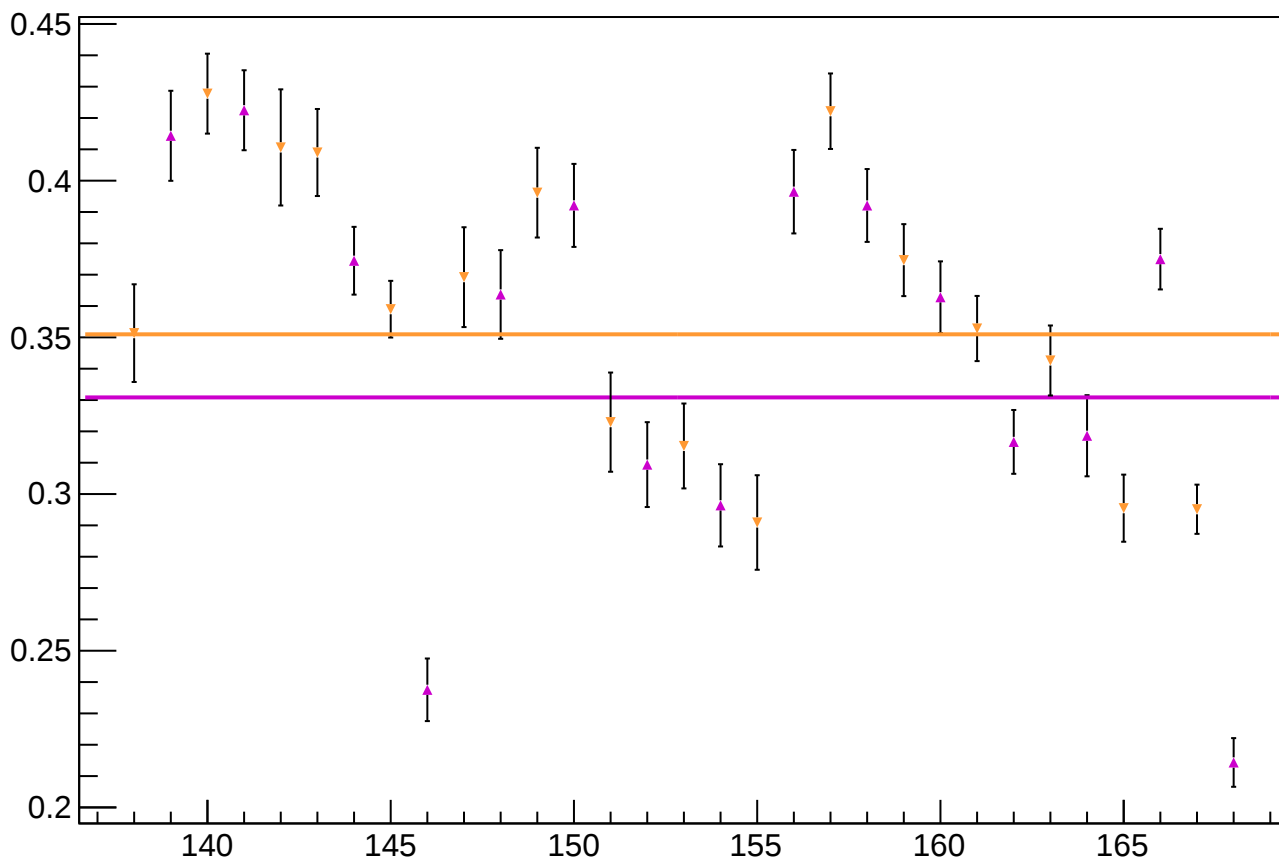
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

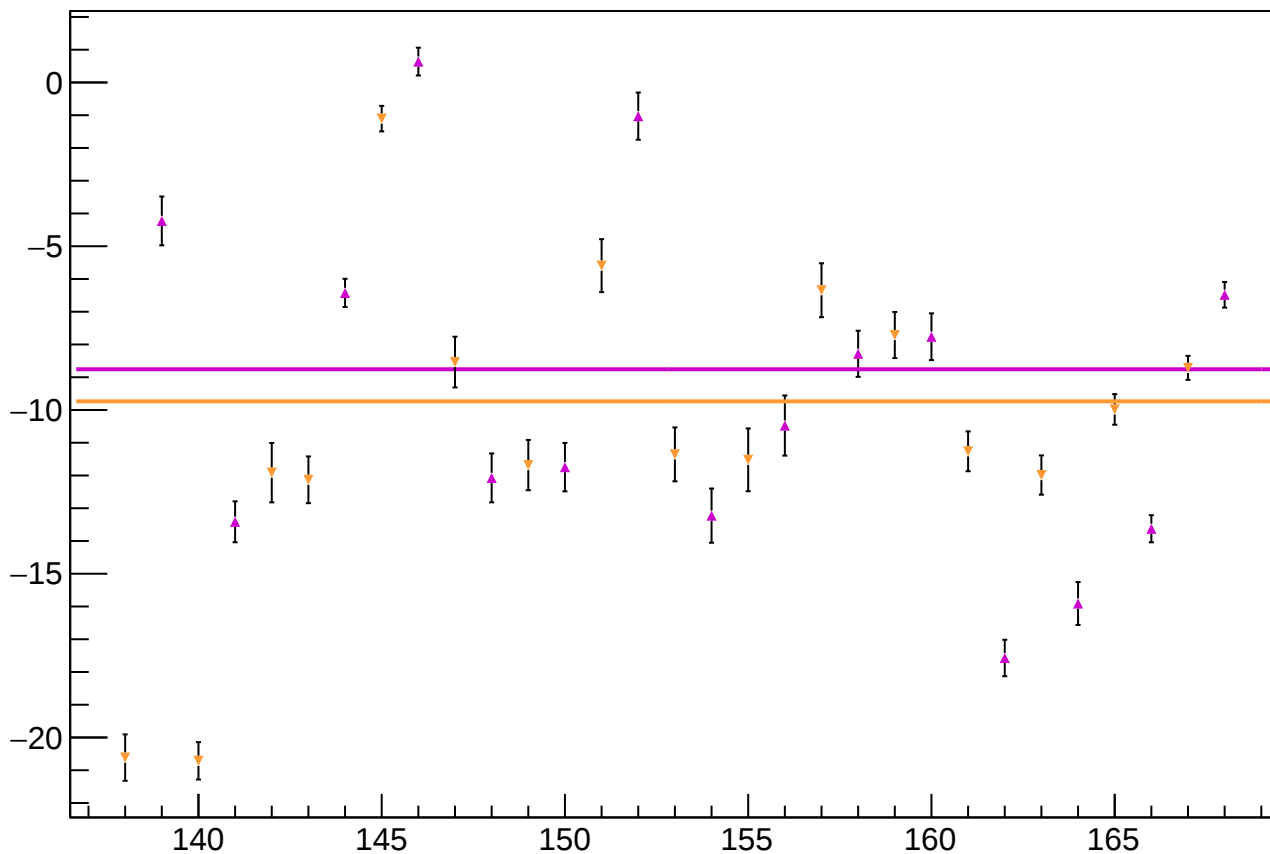
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

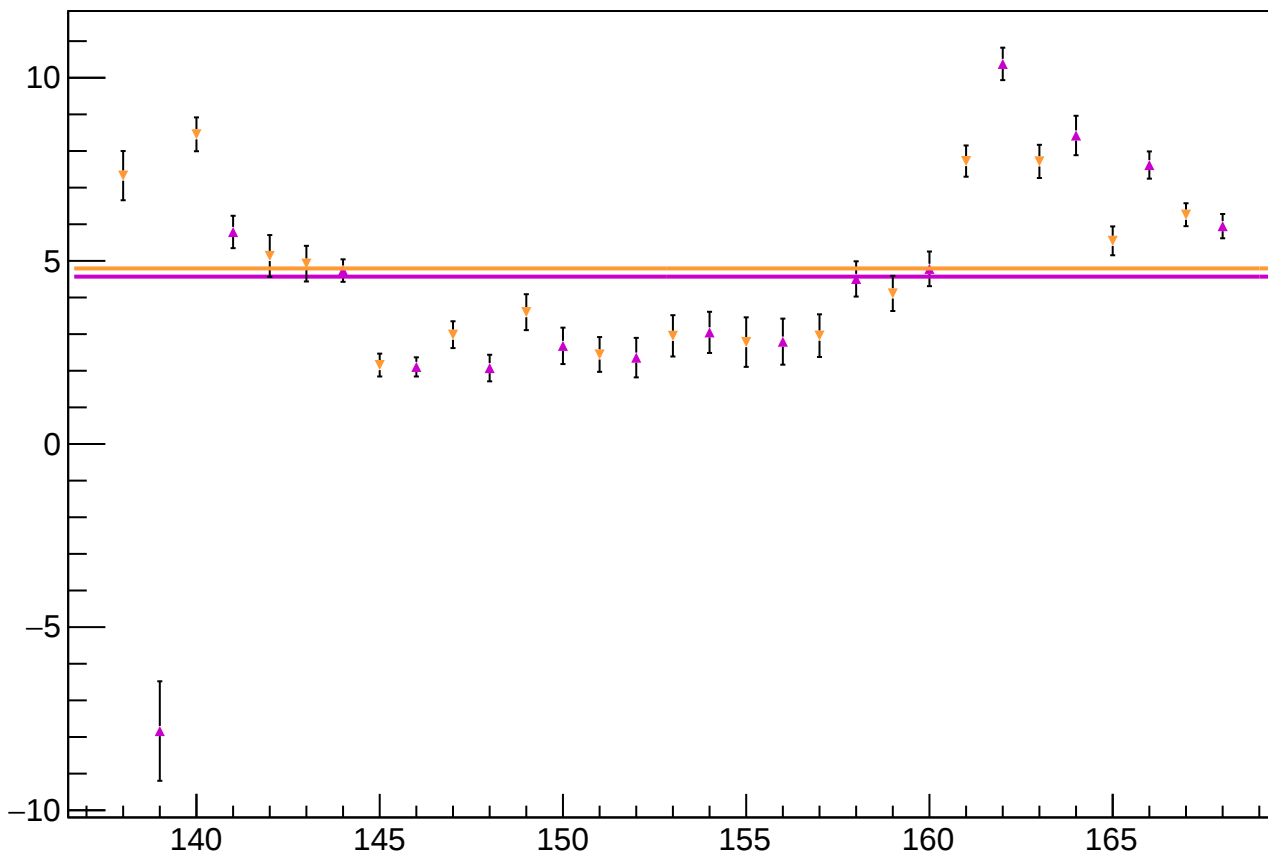
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.736 $\pm$ 0.152 χ^2 /NDF:1207.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.757 $\pm$ 0.148 χ^2 /NDF:1340.6/14

Left: -9.235 $\pm$ 0.106 χ^2 /NDF: 2569.4/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.757 $\pm$ 0.148 χ^2 /NDF:1340.6/14
 Out: -9.736 $\pm$ 0.152 χ^2 /NDF:1207.5/15
 All: -9.235 $\pm$ 0.106 χ^2 /NDF: 2569.4/30

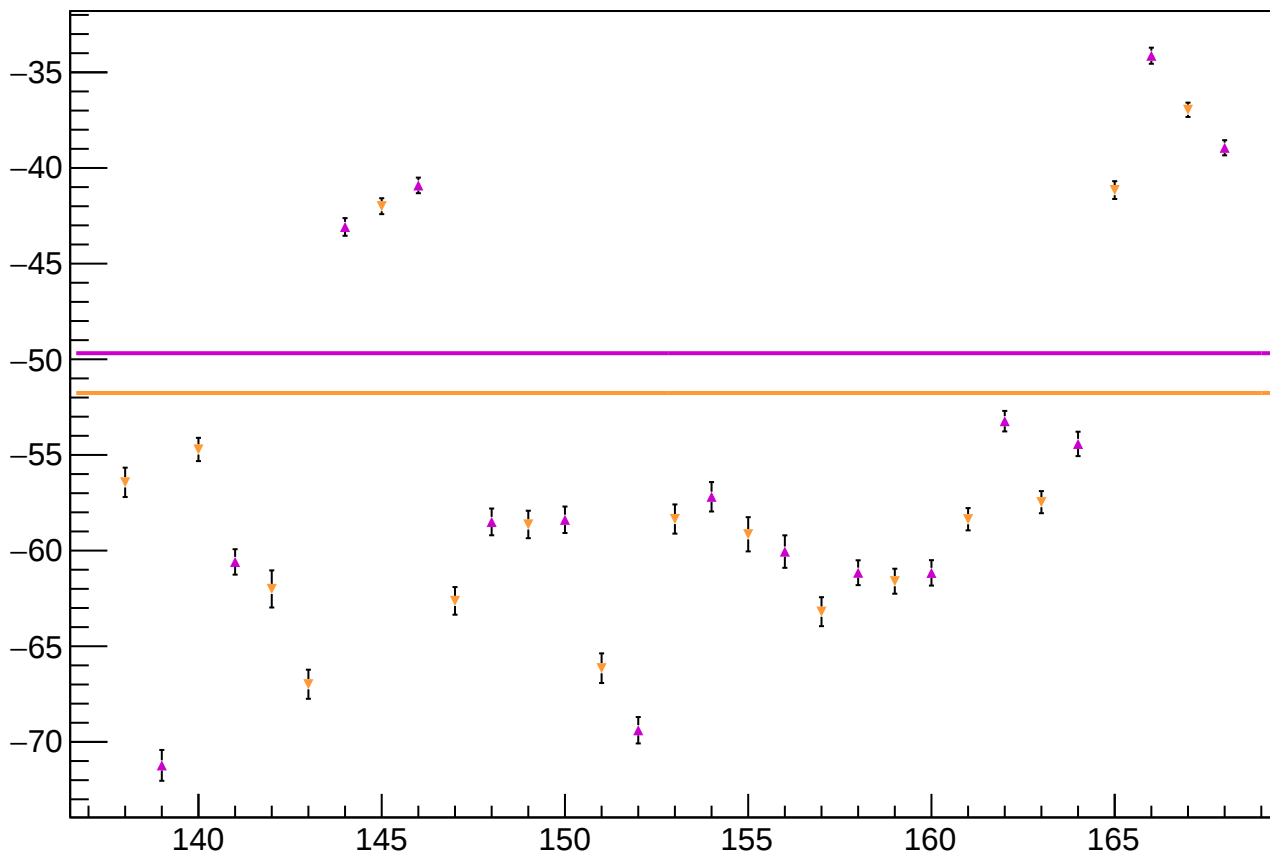
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

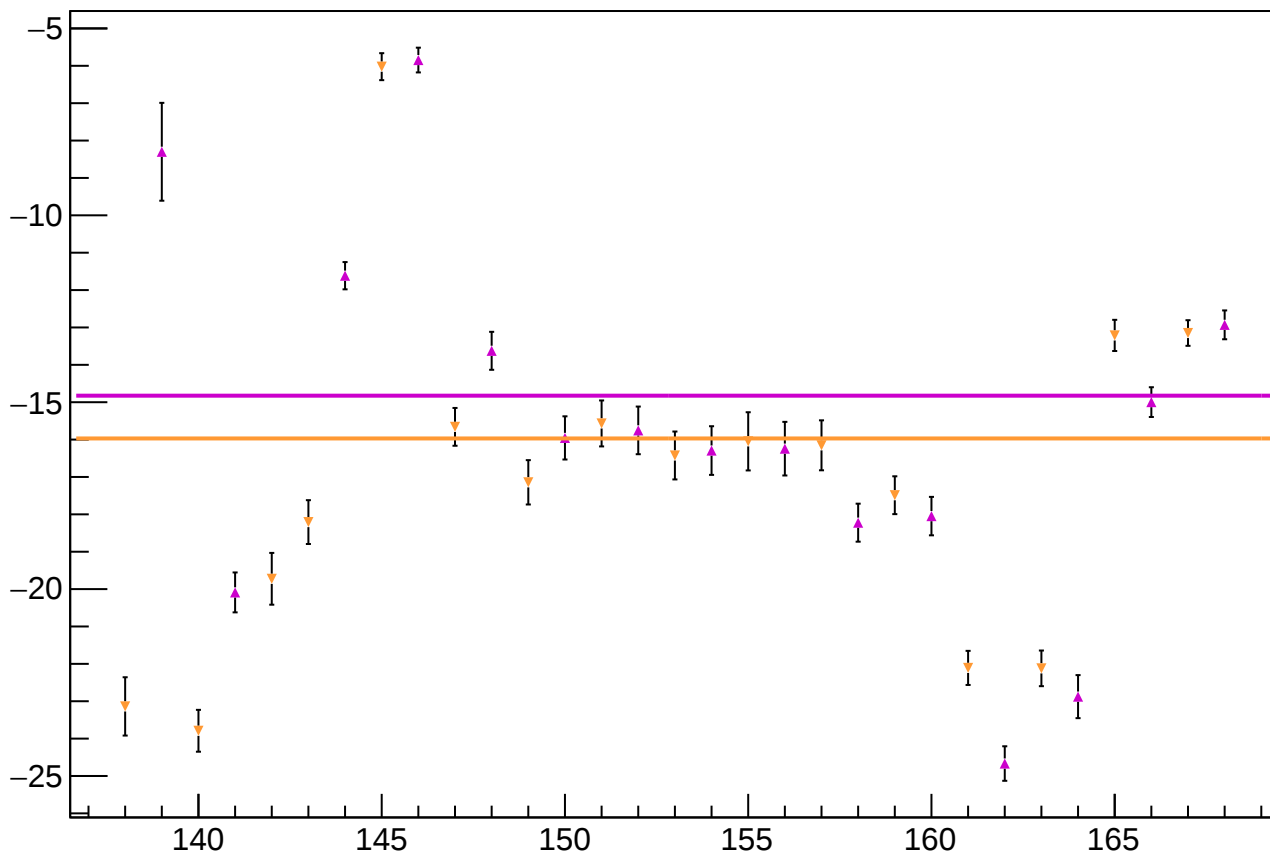
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



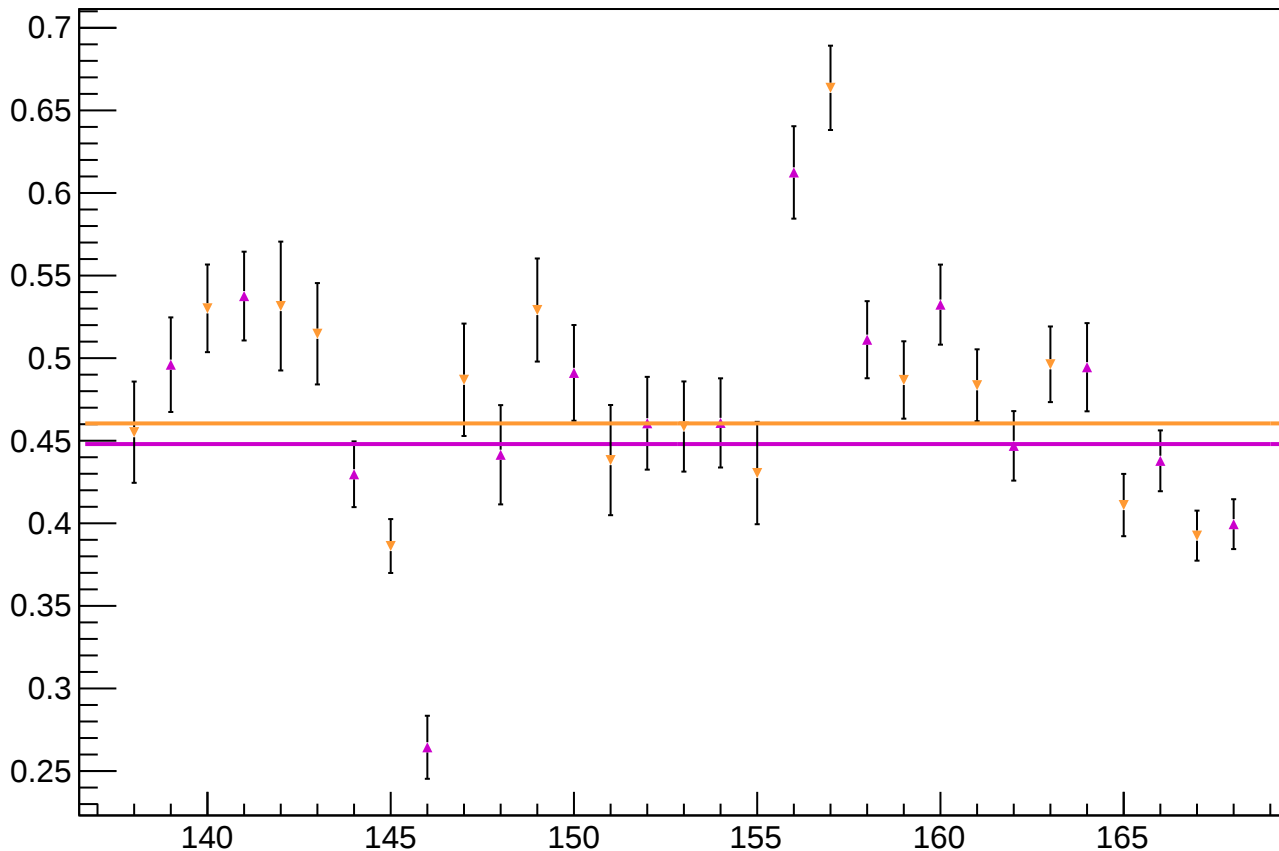
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.970 ± 0.128 $\chi^2/\text{NDF}: 1556.4/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.825 ± 0.126 $\chi^2/\text{NDF}: 1713.2/14$

Left: -15.387 ± 0.090 $\chi^2/\text{NDF}: 3310.0/30$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.825 ± 0.126 $\chi^2/\text{NDF}: 1713.2/14$
 Out: -15.970 ± 0.128 $\chi^2/\text{NDF}: 1556.4/15$

All: -15.387 ± 0.090 $\chi^2/\text{NDF}: 3310.0/30$

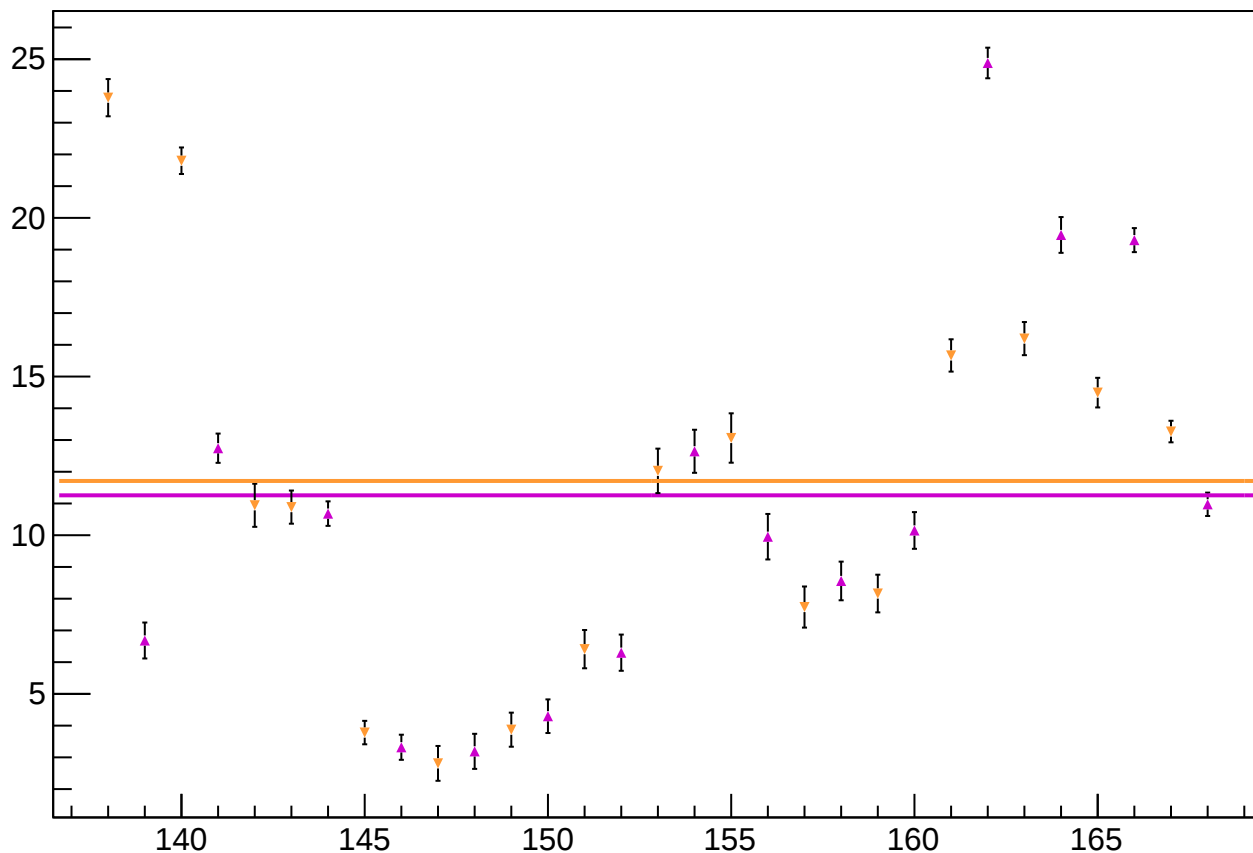
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

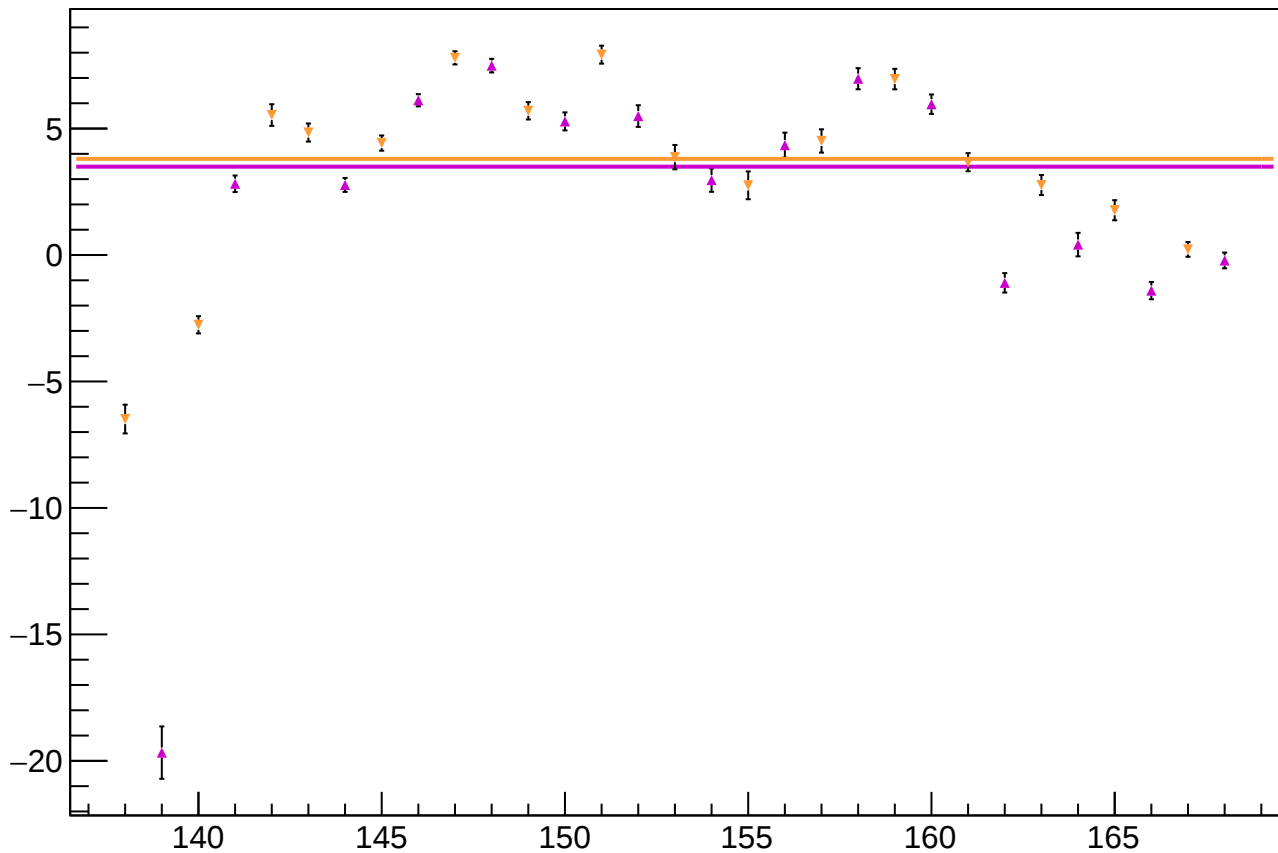
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

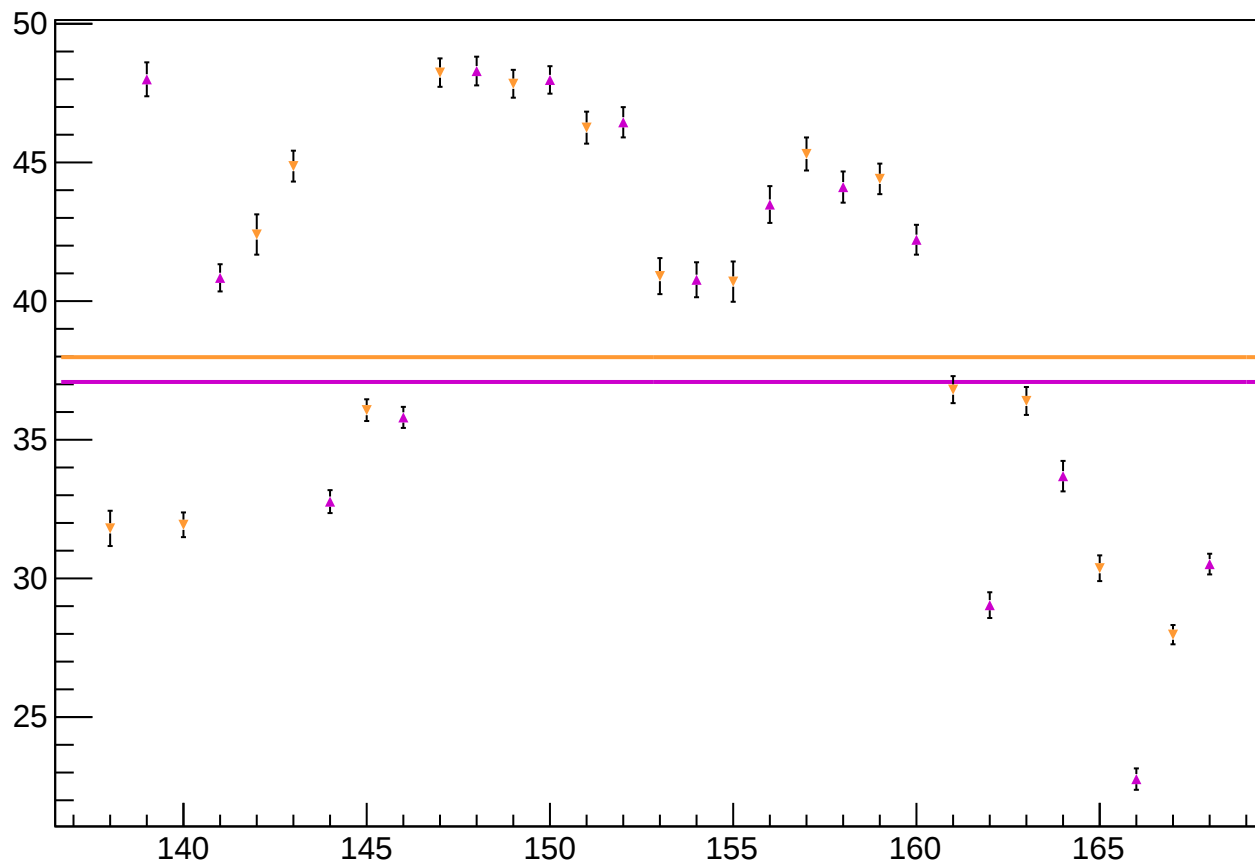
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.802 $\pm$ 0.092 χ^2 /NDF:1379.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.492 $\pm$ 0.092 χ^2 /NDF:1545.2/14

Left: 3.647 $\pm$ 0.065 χ^2 /NDF: 2930.3/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.492 $\pm$ 0.092 χ^2 /NDF:1545.2/14
 Out: 3.802 $\pm$ 0.092 χ^2 /NDF:1379.5/15
 All: 3.647 $\pm$ 0.065 χ^2 /NDF: 2930.3/30

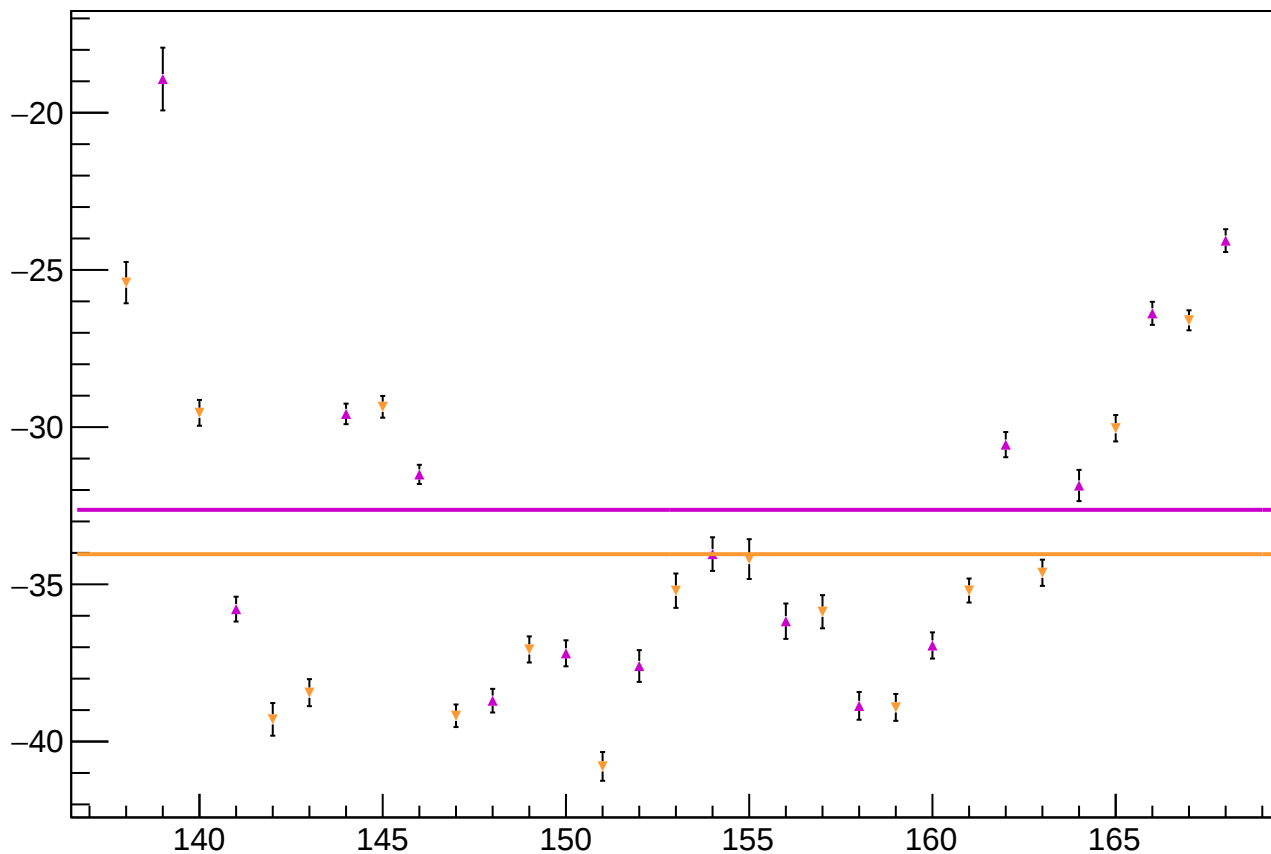
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 37.979+/-0.128 χ^2/NDF :2919.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.084+/-0.125 χ^2/NDF :4143.2/14

Left: 37.522+/-0.089 χ^2/NDF : 7087.3/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.084+/-0.125 χ^2/NDF :4143.2/14
 Out: 37.979+/-0.128 χ^2/NDF :2919.0/15
 All: 37.522+/-0.089 χ^2/NDF : 7087.3/30

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

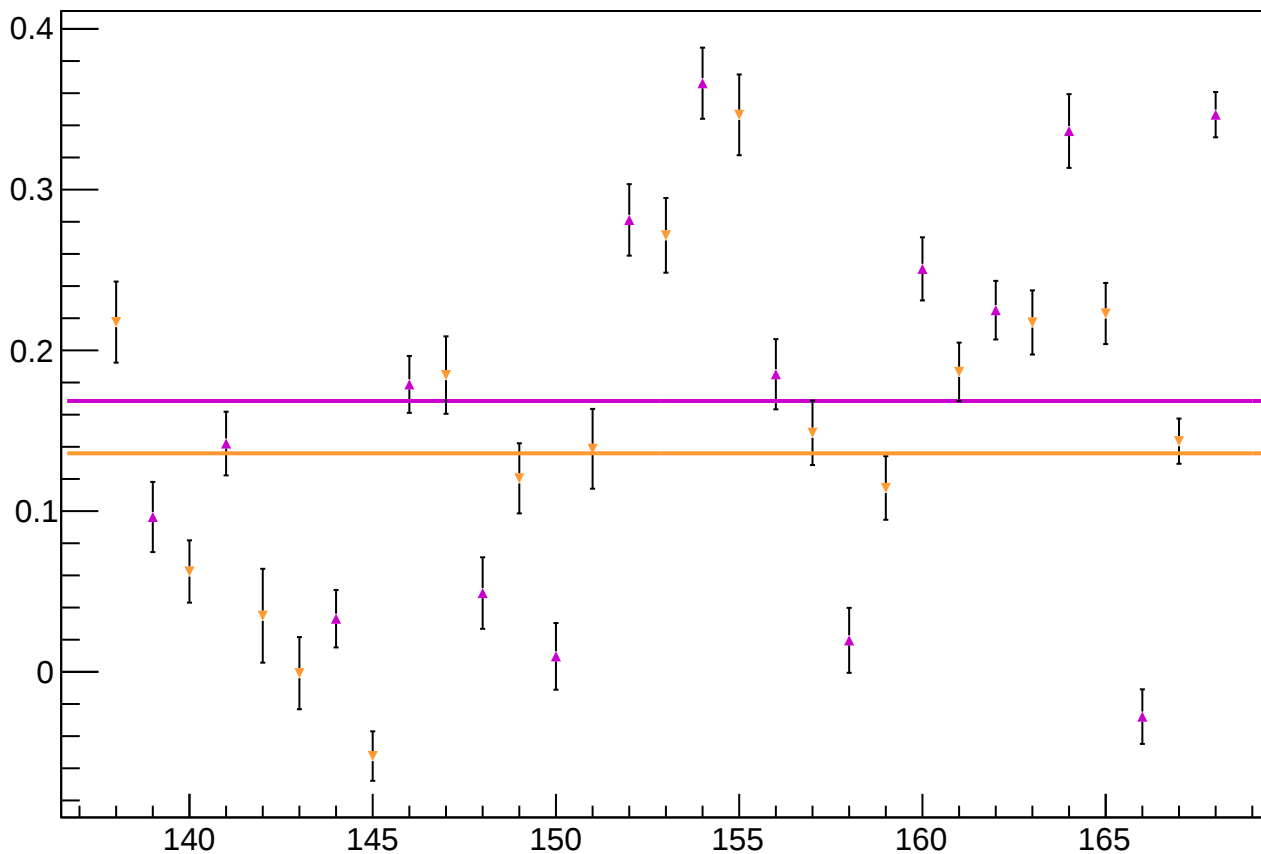


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.041+/-0.107 χ^2/NDF :1952.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.630+/-0.107 χ^2/NDF :2063.7/14

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

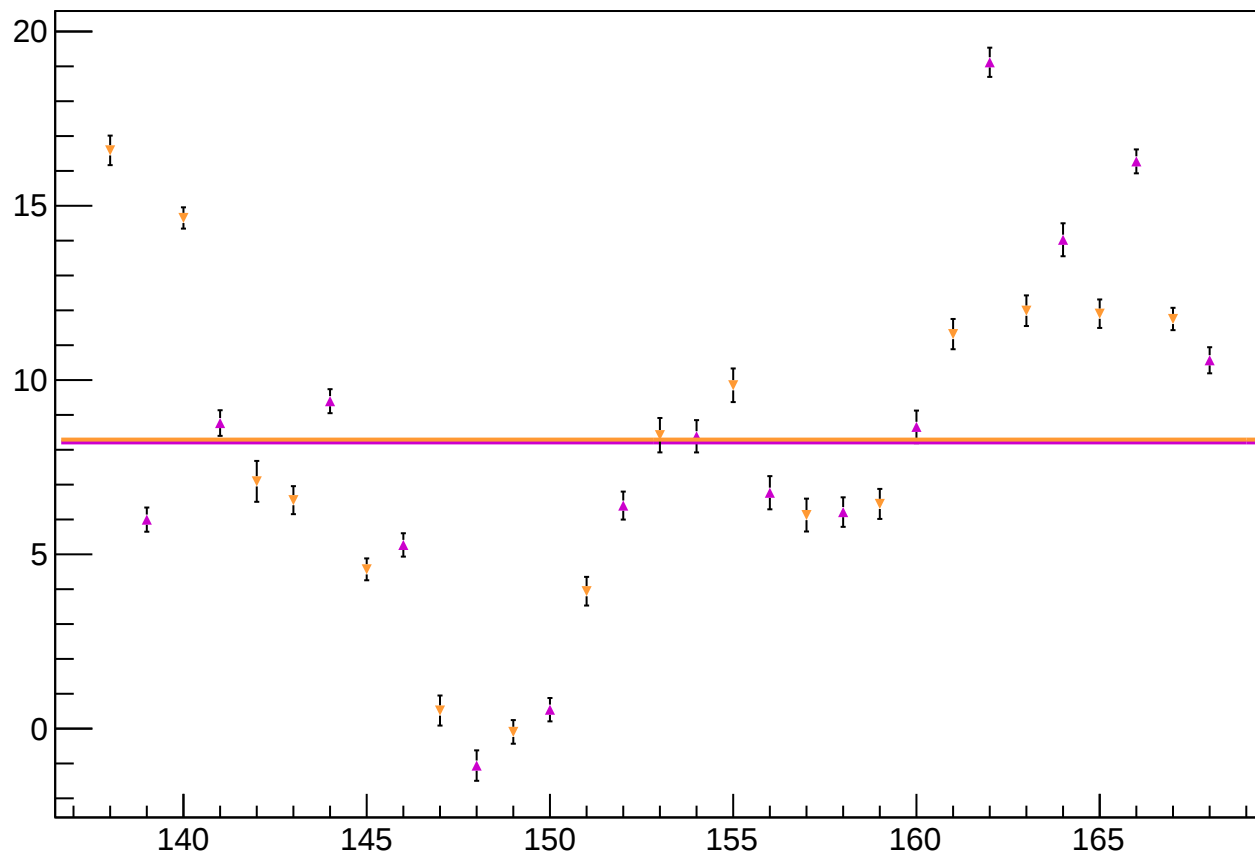
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

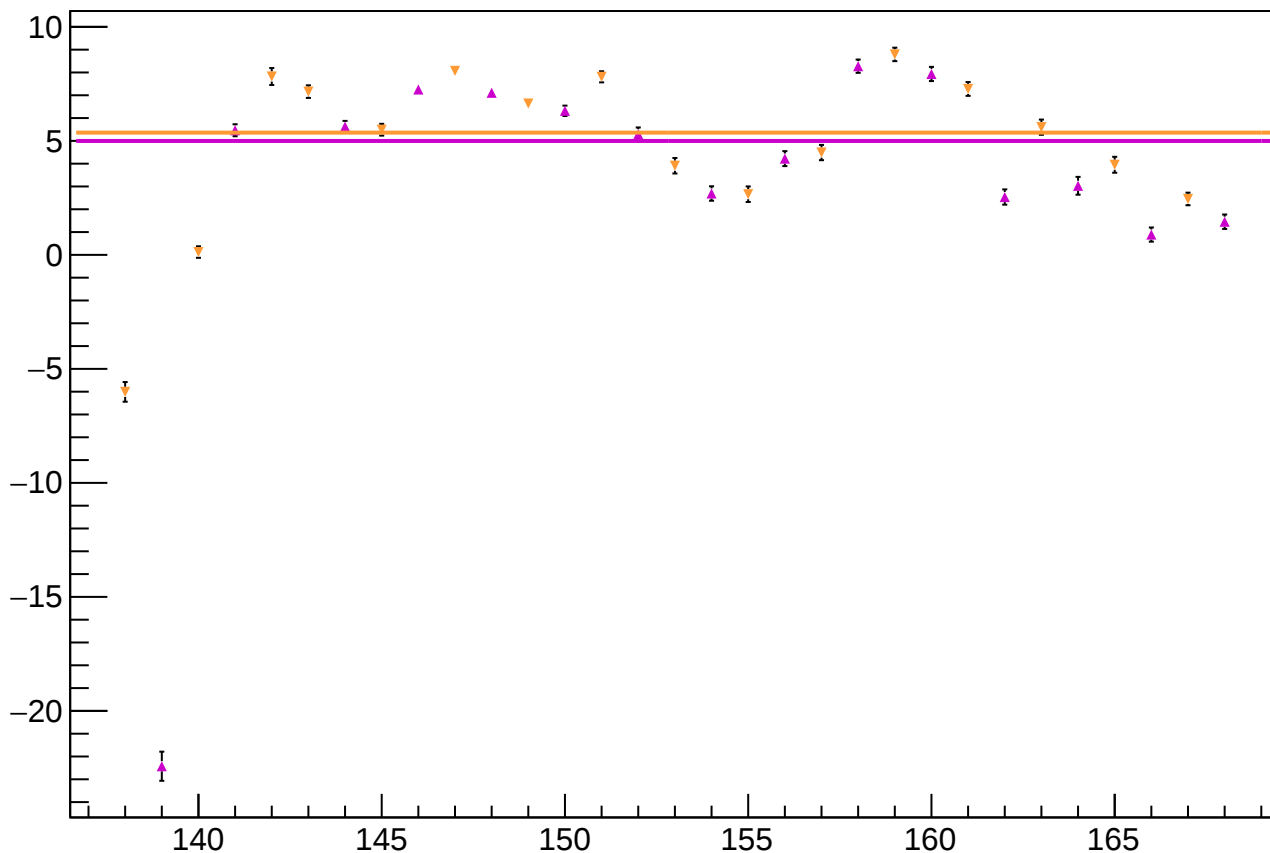
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

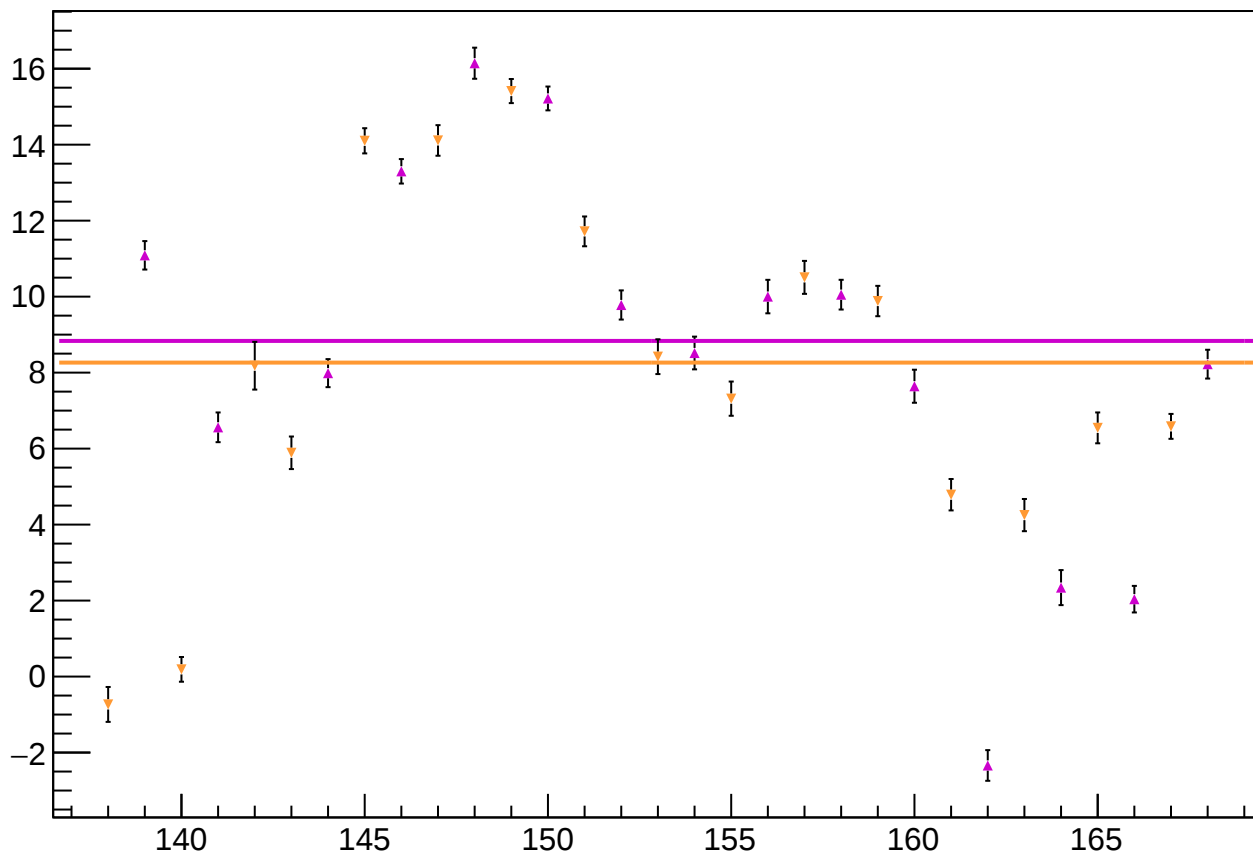
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.361 $\pm$ 0.071 χ^2 /NDF:1905.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.996 $\pm$ 0.074 χ^2 /NDF:2747.4/14

Left: 5.184 $\pm$ 0.051 χ^2 /NDF: 4665.8/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.996 $\pm$ 0.074 χ^2 /NDF:2747.4/14
 Out: 5.361 $\pm$ 0.071 χ^2 /NDF:1905.7/15
 All: 5.184 $\pm$ 0.051 χ^2 /NDF: 4665.8/30

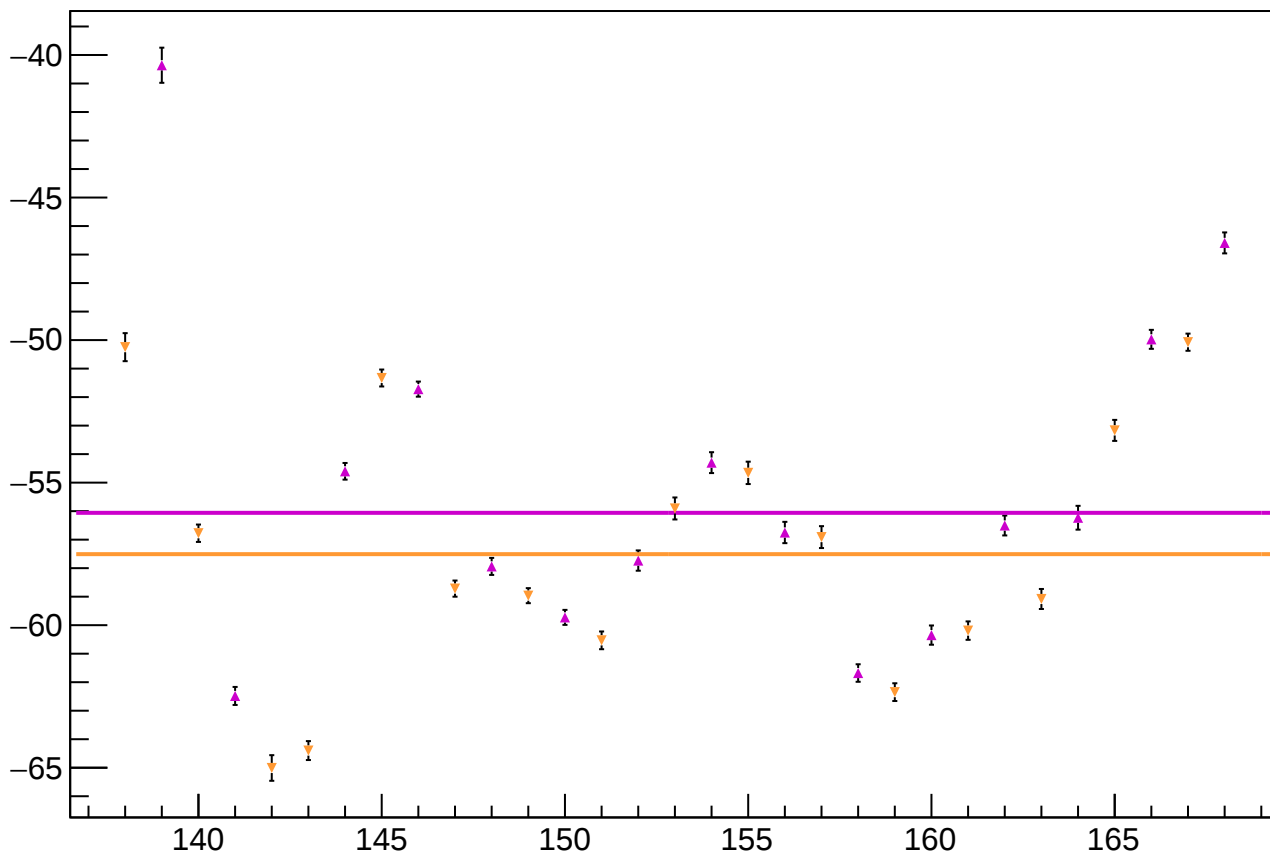
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

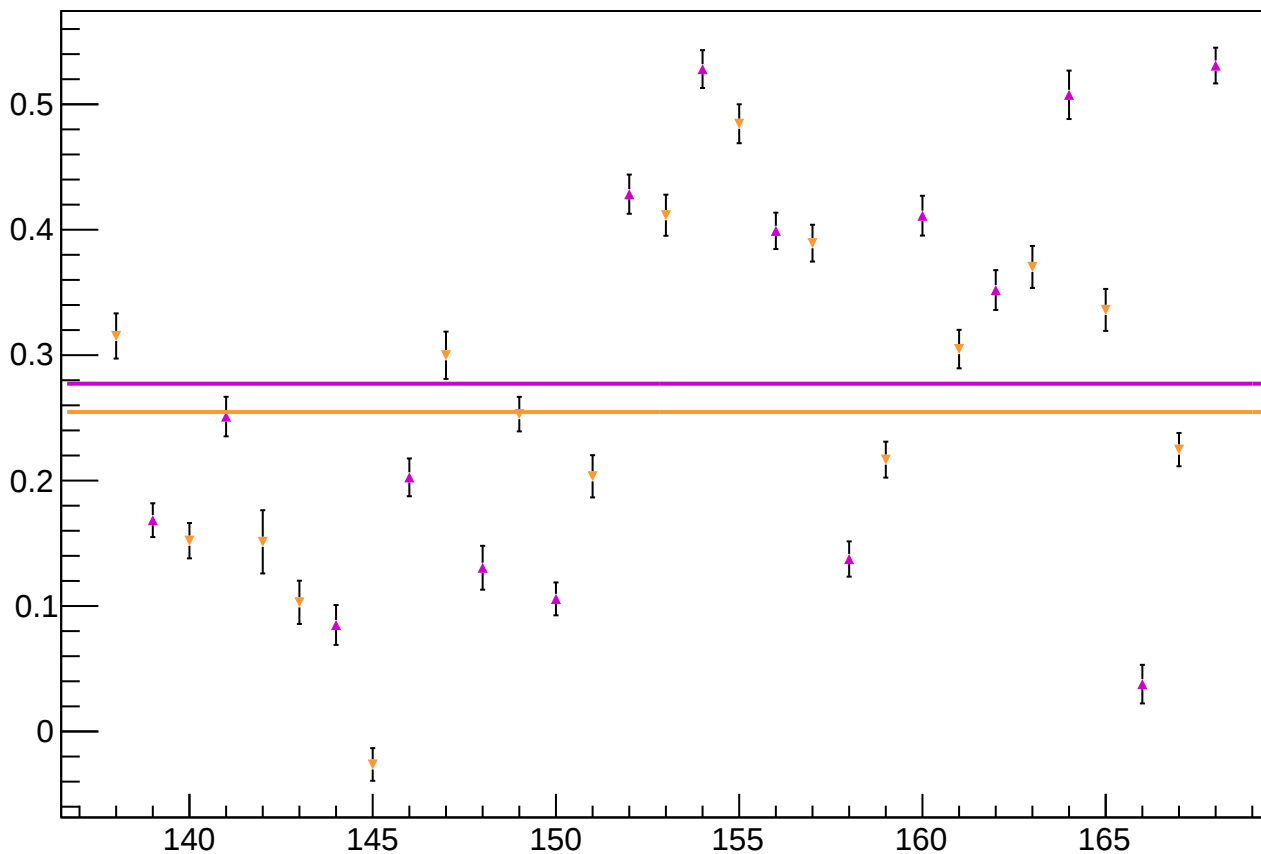
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

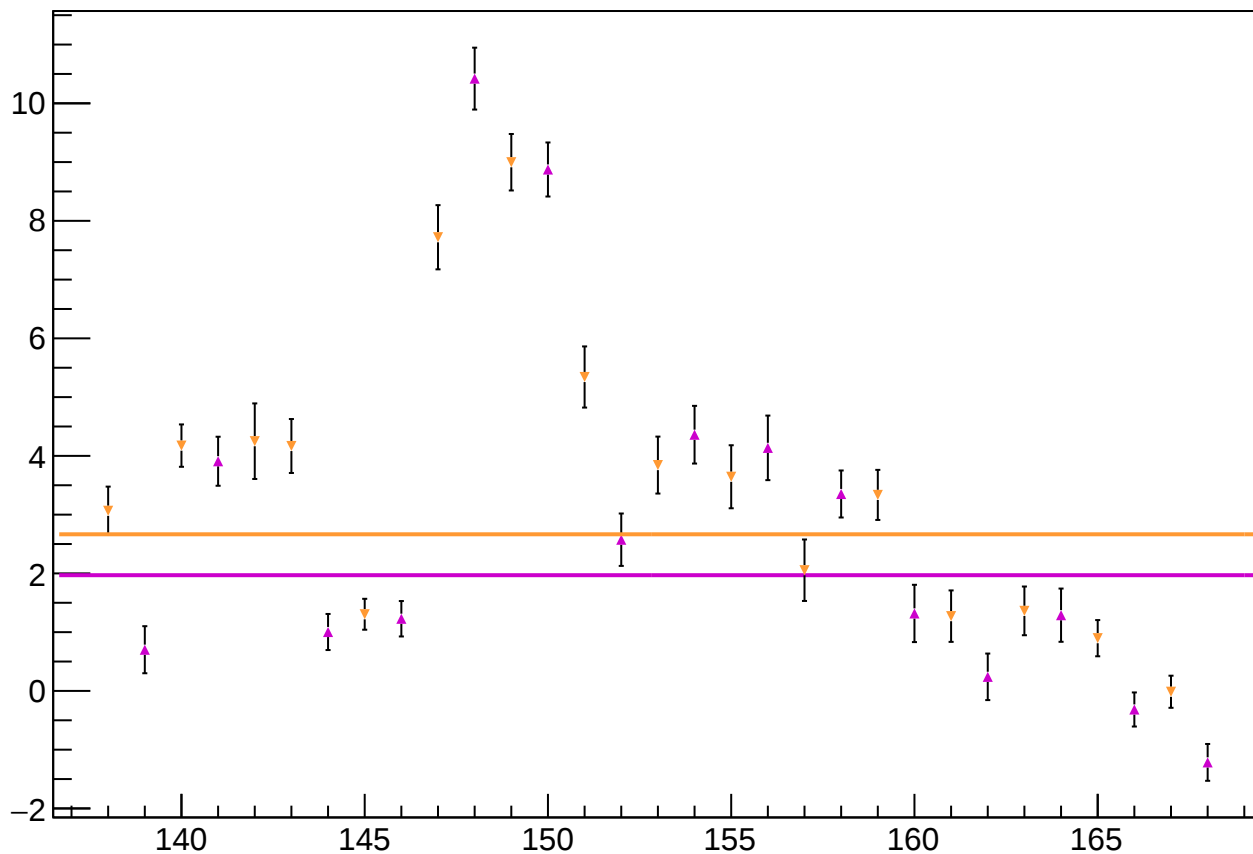
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

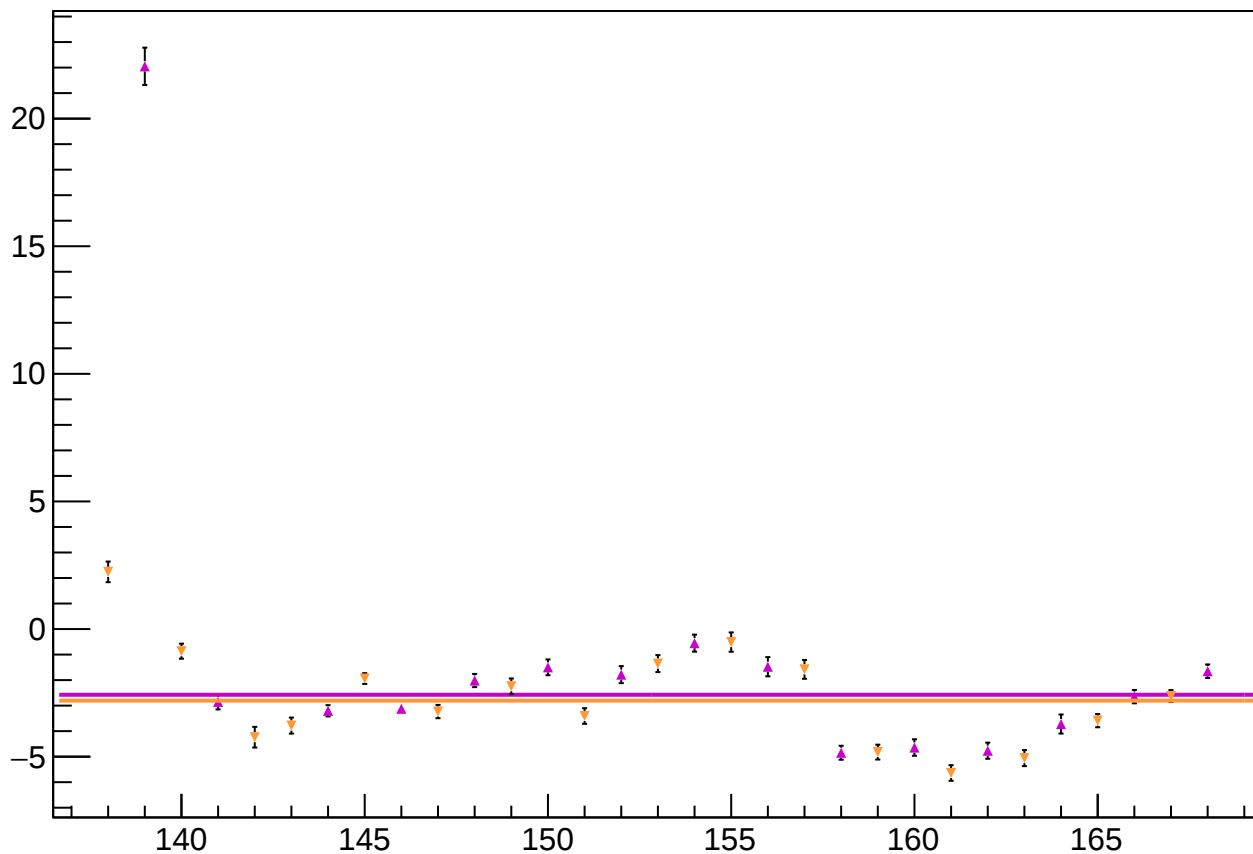
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

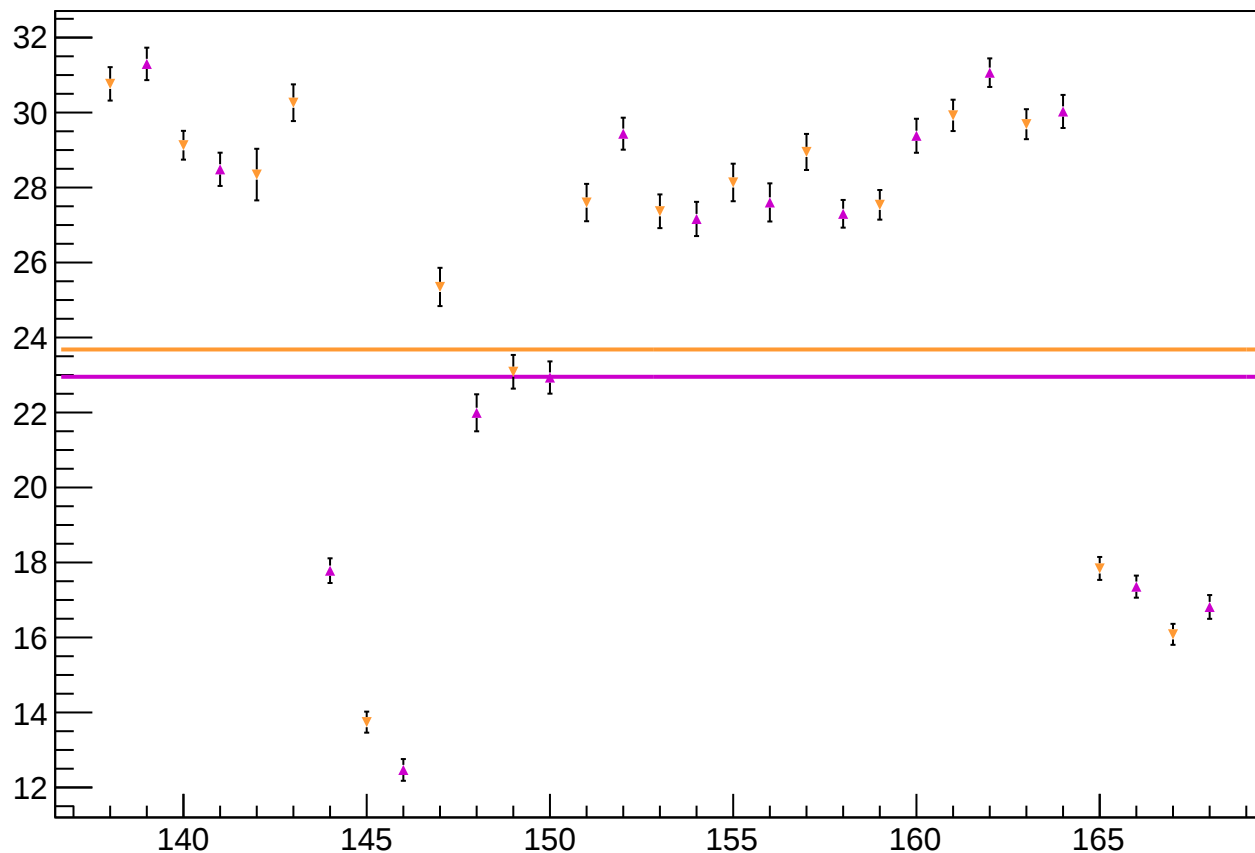
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

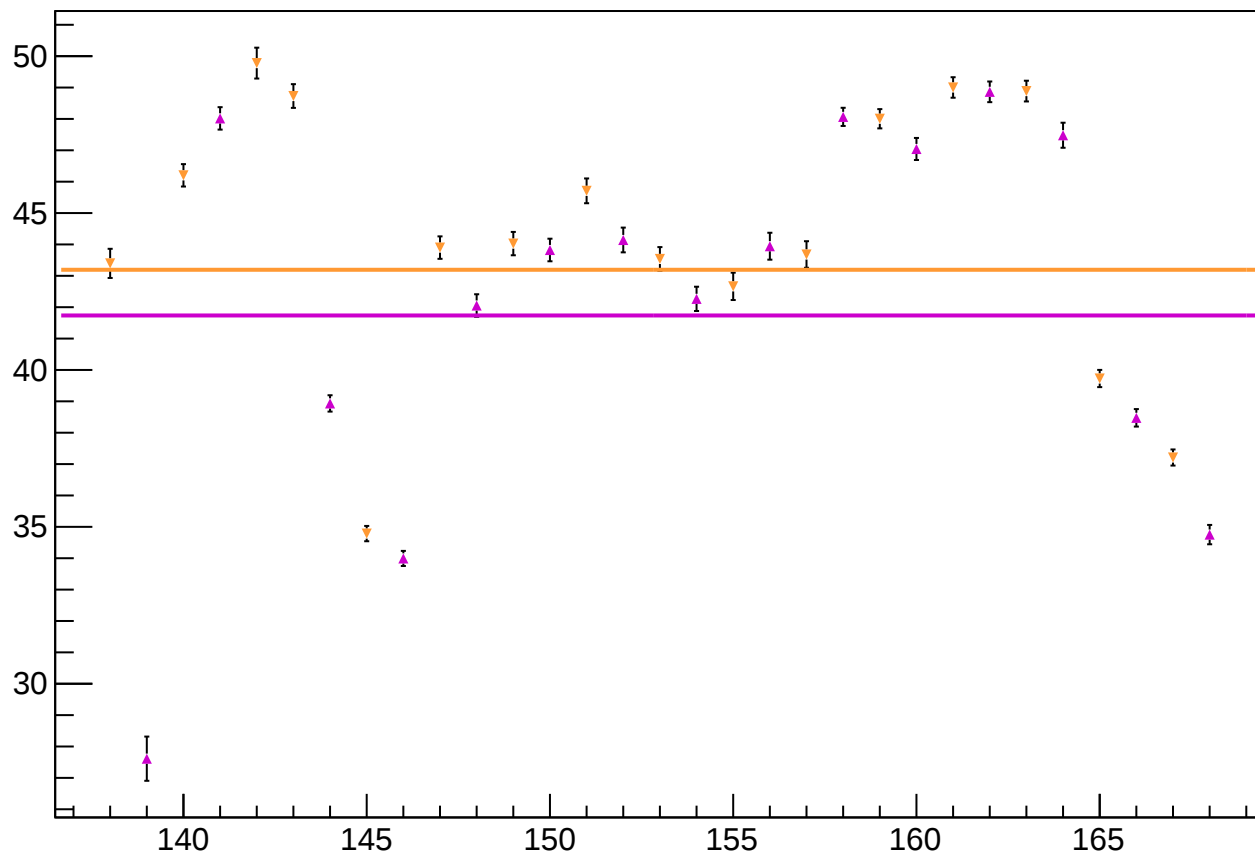
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

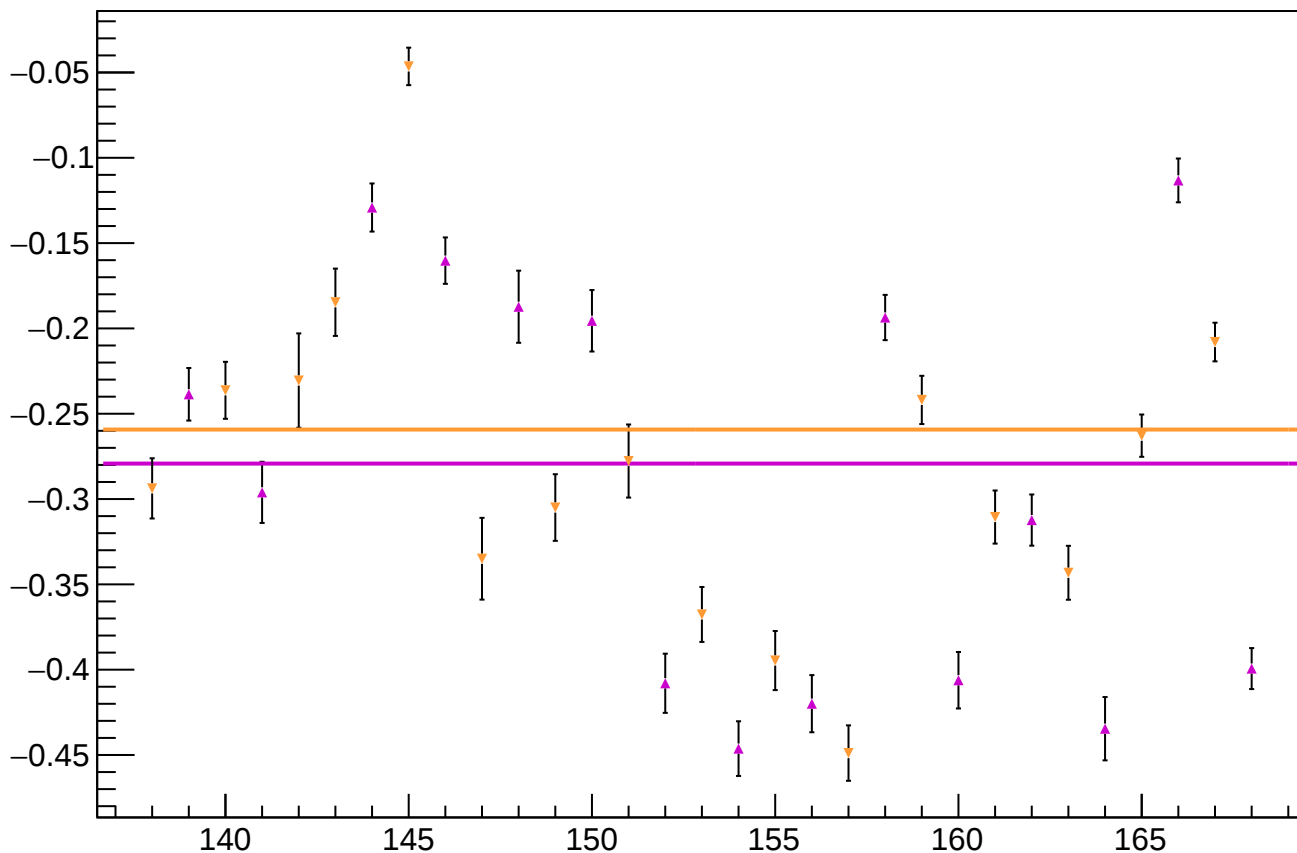
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 43.193 $\pm$ 0.085 χ^2 /NDF:3267.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 41.736 $\pm$ 0.086 χ^2 /NDF:3993.6/14

Left: 42.471 $\pm$ 0.061 χ^2 /NDF: 7405.6/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 41.736 $\pm$ 0.086 χ^2 /NDF:3993.6/14
 Out: 43.193 $\pm$ 0.085 χ^2 /NDF:3267.7/15
 All: 42.471 $\pm$ 0.061 χ^2 /NDF: 7405.6/30

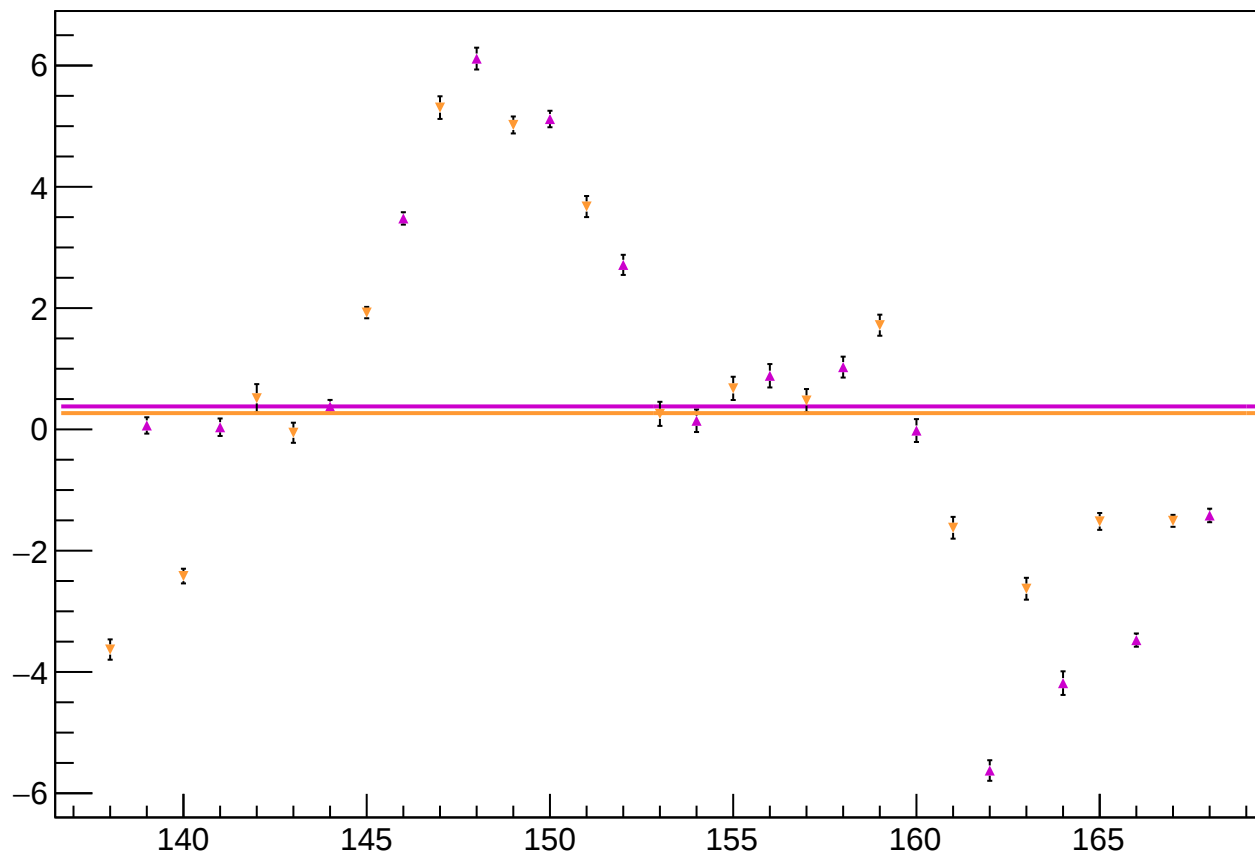
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.259 $\pm$ 0.004 χ^2 /NDF:716.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.279 $\pm$ 0.004 χ^2 /NDF:915.3/14

Left: -0.269 $\pm$ 0.003 χ^2 /NDF: 1644.5/30
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.279 $\pm$ 0.004 χ^2 /NDF:915.3/14
 Out: -0.259 $\pm$ 0.004 χ^2 /NDF:716.5/15
 All: -0.269 $\pm$ 0.003 χ^2 /NDF: 1644.5/30

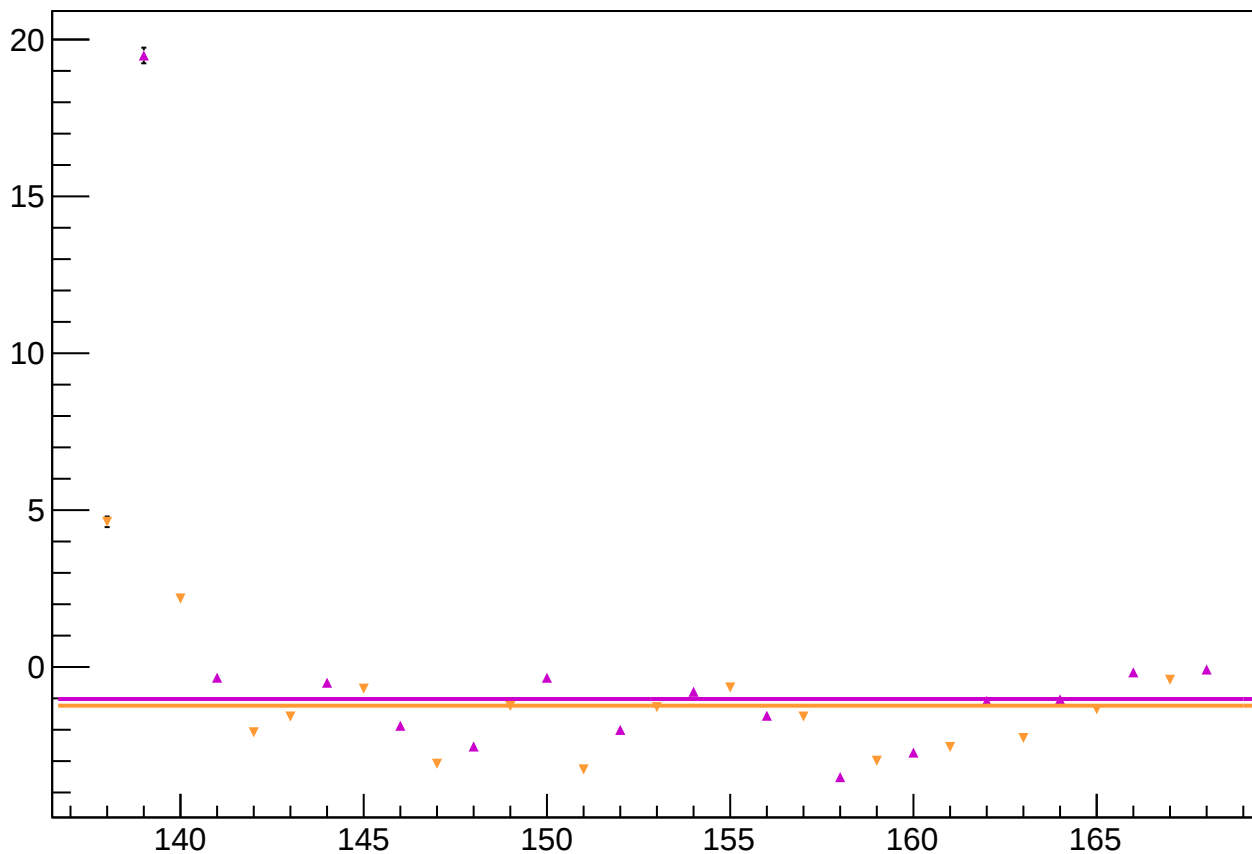
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.268+/-0.037 χ^2/NDF : 4549.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.379+/-0.037 χ^2/NDF : 6698.7/14

Left: 0.325+/-0.026 χ^2/NDF : 11252.5/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.379+/-0.037 χ^2/NDF : 6698.7/14
 Out: 0.268+/-0.037 χ^2/NDF : 4549.4/15
 All: 0.325+/-0.026 χ^2/NDF : 11252.5/30

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



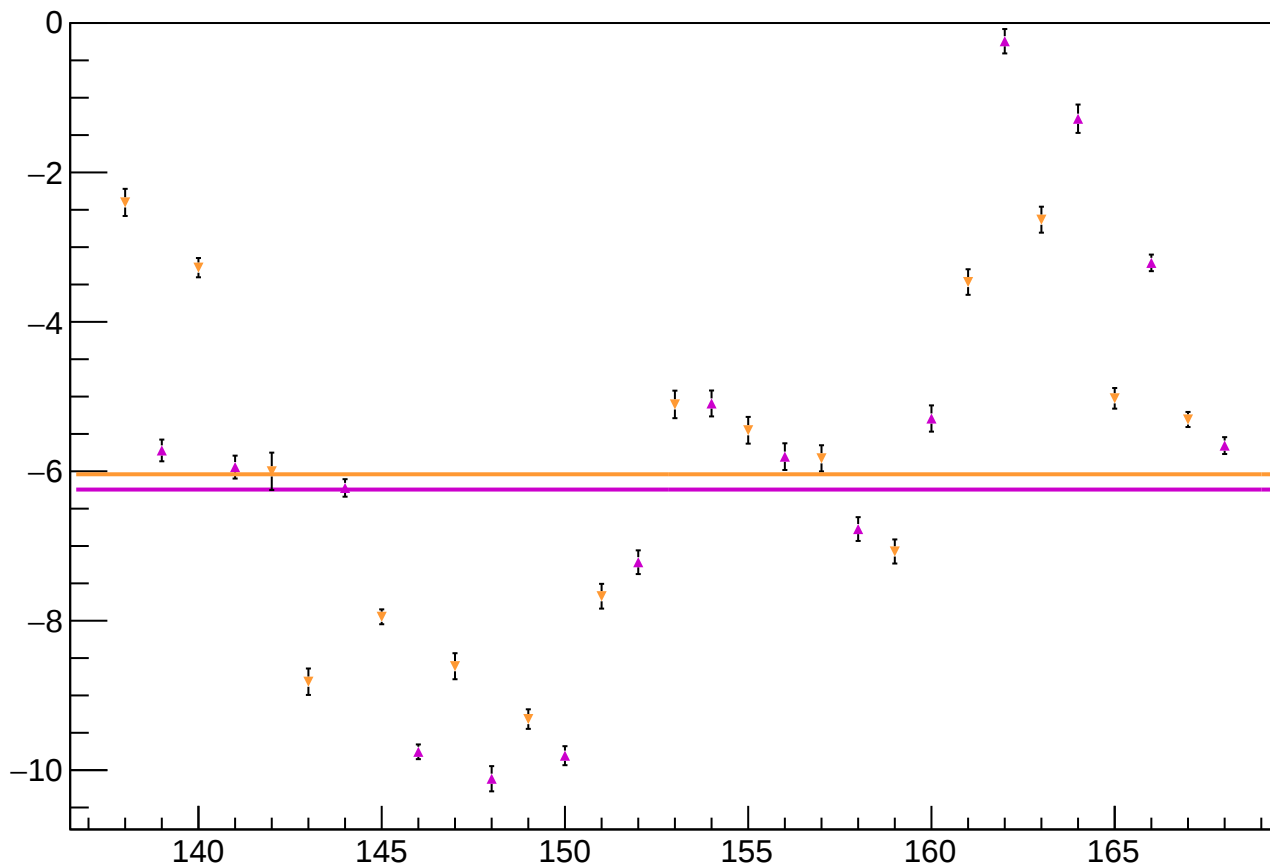
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.233+/-0.027 χ^2/NDF : 3780.8/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.020+/-0.027 χ^2/NDF : 8251.5/14

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

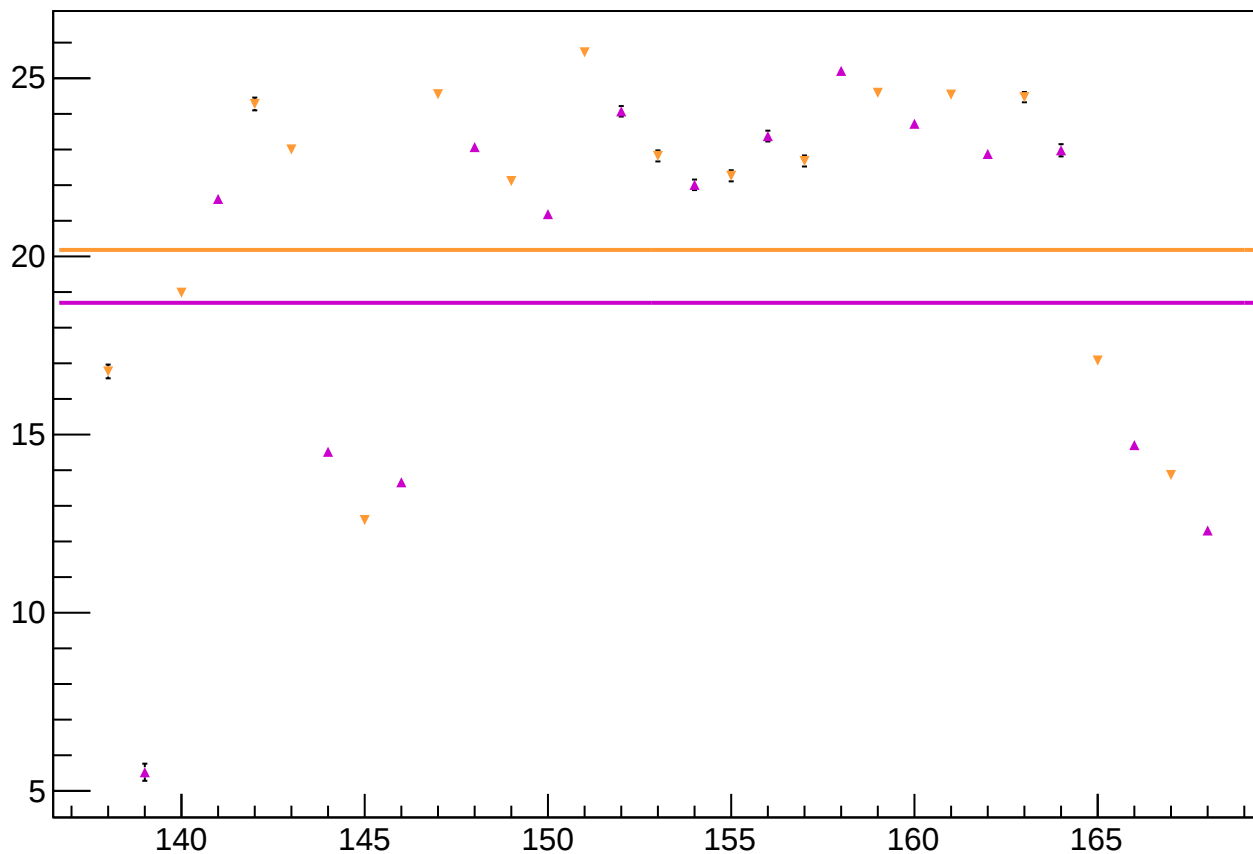
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

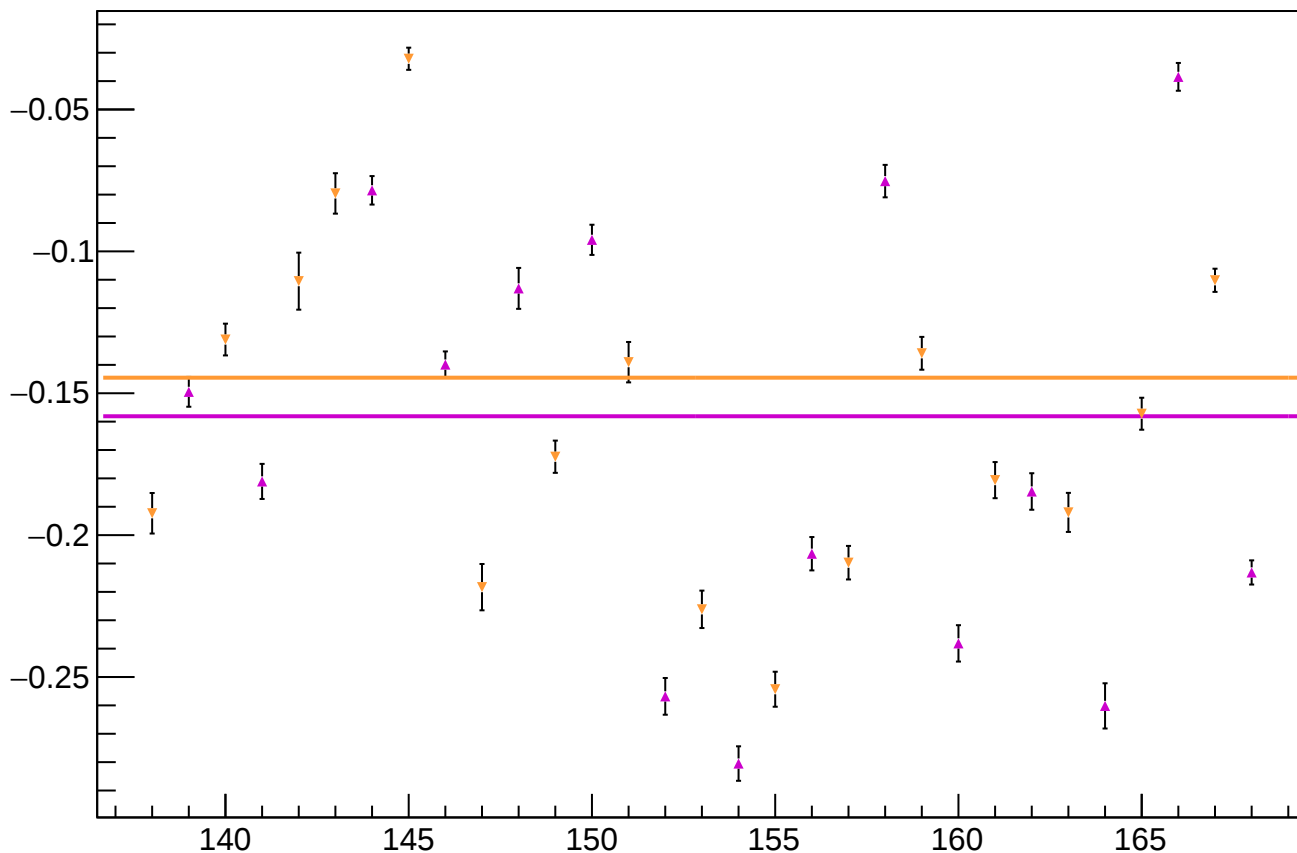
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

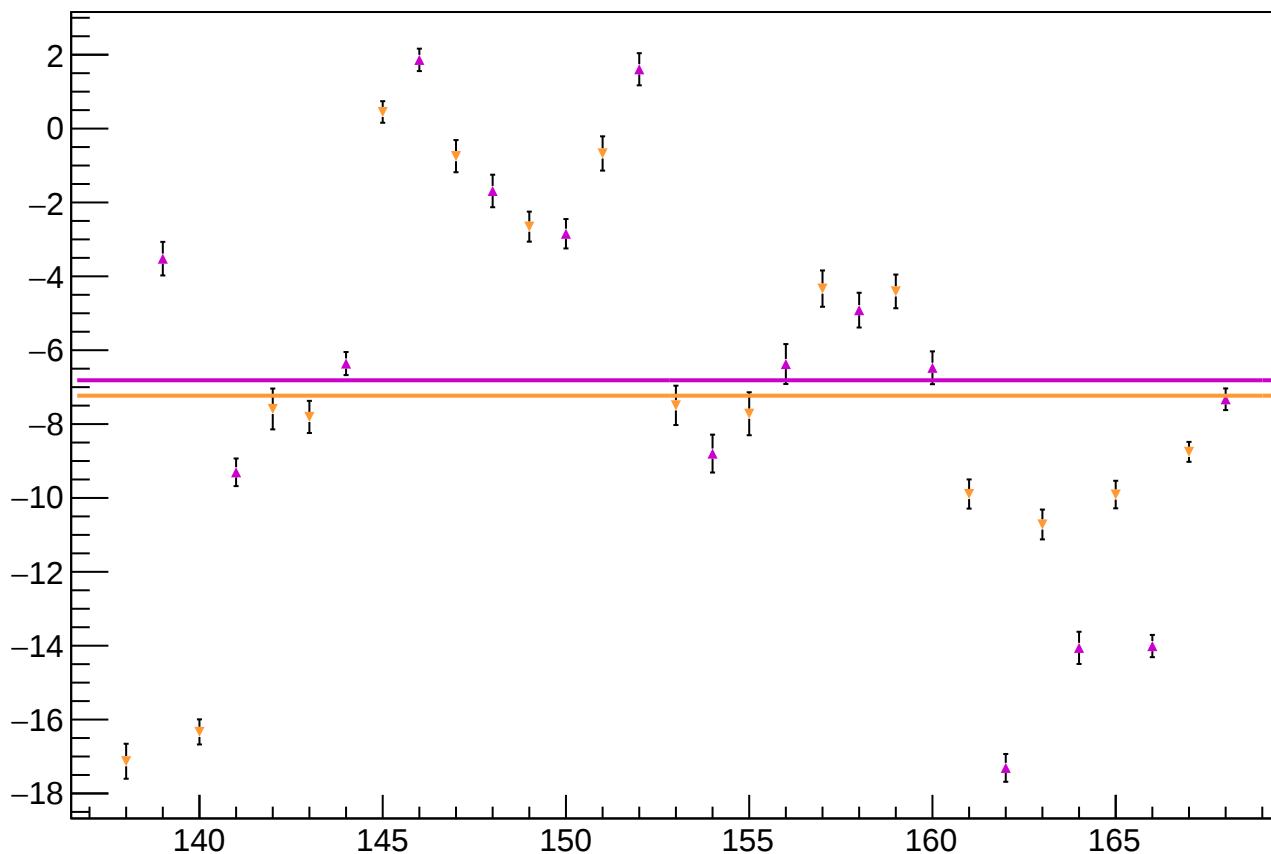
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.145+/-0.001 χ^2/NDF :1827.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.158+/-0.001 χ^2/NDF :2474.8/14

Left: -0.151+/-0.001 χ^2/NDF : 4345.8/30
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.158+/-0.001 χ^2/NDF :2474.8/14
 Out: -0.145+/-0.001 χ^2/NDF :1827.9/15
 All: -0.151+/-0.001 χ^2/NDF : 4345.8/30

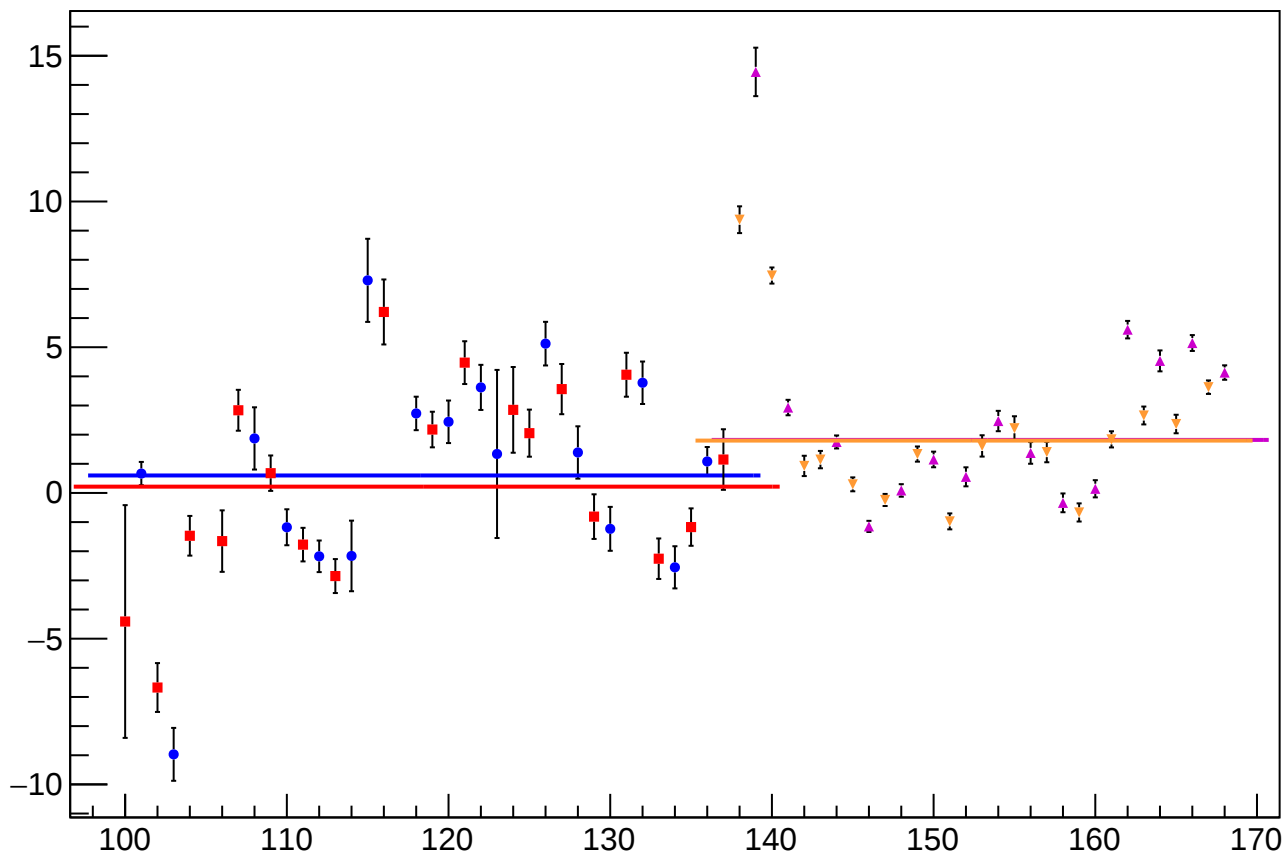
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.231 ± 0.101 $\chi^2/\text{NDF}: 2673.3/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.814 ± 0.099 $\chi^2/\text{NDF}: 3183.2/14$

Left: -7.019 ± 0.071 $\chi^2/\text{NDF}: 5865.2/30$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -6.814 ± 0.099 $\chi^2/\text{NDF}: 3183.2/14$
 Out: -7.231 ± 0.101 $\chi^2/\text{NDF}: 2673.3/15$
 All: -7.019 ± 0.071 $\chi^2/\text{NDF}: 5865.2/30$

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: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.820 ± 0.072 χ^2/NDF : 1109.5/14

Left: 1.808 ± 0.051 χ^2/NDF : 2193.8/30

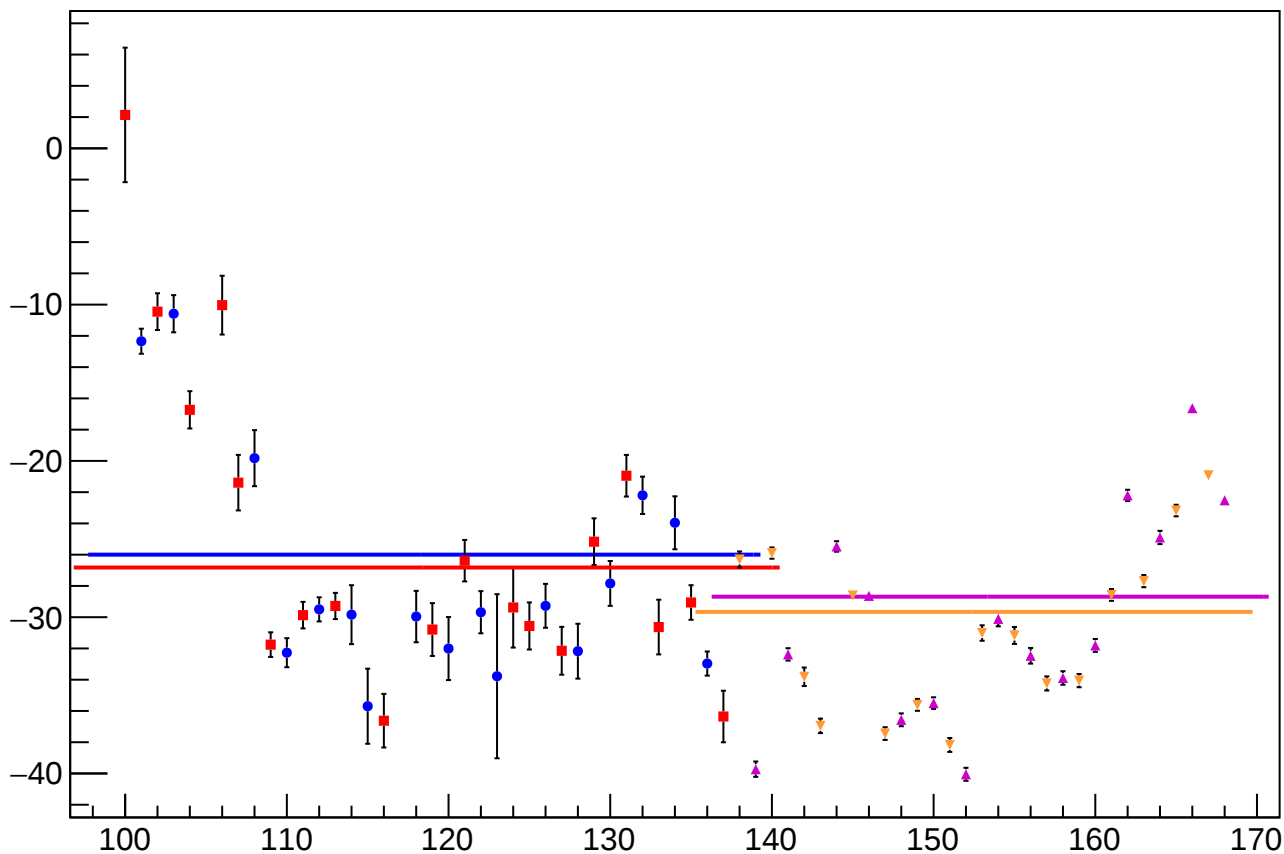
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.633 ± 0.066 χ^2/NDF : 1445.4/31

Out: 1.564 ± 0.067 χ^2/NDF : 1428.7/34

All: 1.599 ± 0.047 χ^2/NDF : 2874.6/66

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -29.660 ± 0.100 χ^2/NDF : 3005.5/15

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -28.688 ± 0.098 χ^2/NDF : 4765.3/14

Left: -29.162 ± 0.070 χ^2/NDF : 7819.0/30

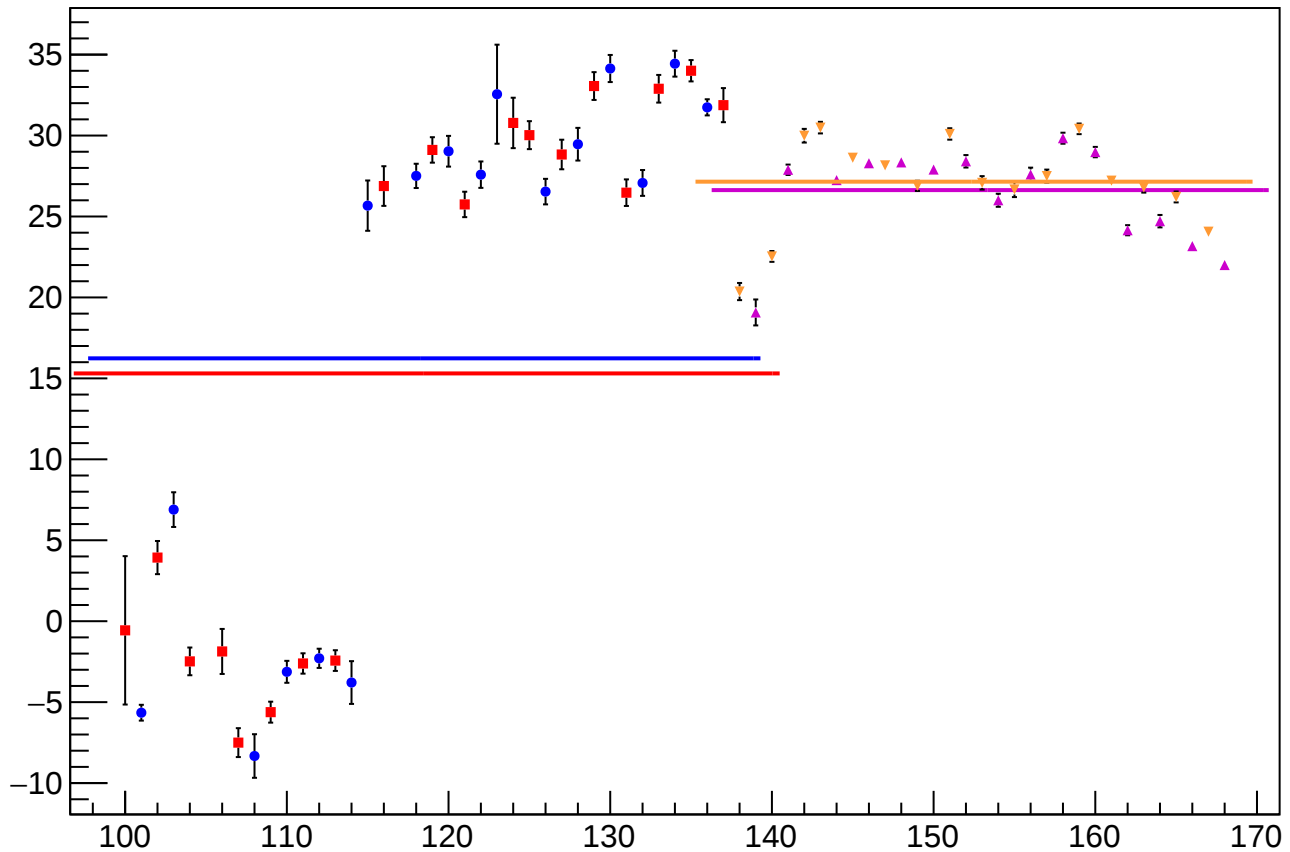
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -28.430 ± 0.093 χ^2/NDF : 5530.5/31

Out: -29.370 ± 0.095 χ^2/NDF : 3668.2/34

All: -28.890 ± 0.066 χ^2/NDF : 9248.7/66

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.151 $\pm$ 0.084 χ^2 /NDF:858.1/15

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 26.630 $\pm$ 0.084 χ^2 /NDF:864.4/14

Left: 26.889 $\pm$ 0.059 χ^2 /NDF: 1741.7/30

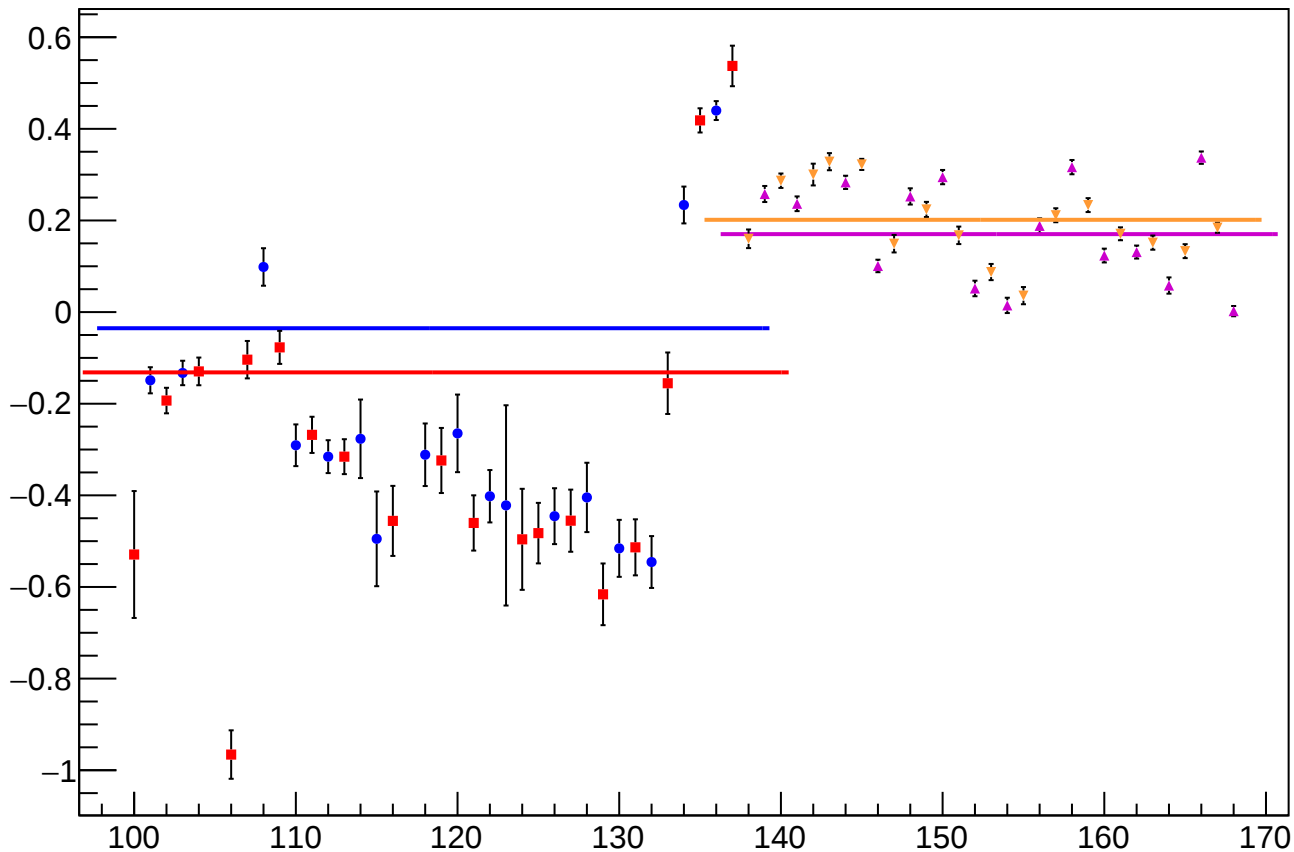
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.955 $\pm$ 0.077 χ^2 /NDF:10918.0/31

Out: 25.319 $\pm$ 0.077 χ^2 /NDF:11187.0/34

All: 25.136 $\pm$ 0.055 χ^2 /NDF: 22116.2/66

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.201 ± 0.004 χ^2/NDF : 370.6/15

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.170 ± 0.004 χ^2/NDF : 873.5/14

Left: 0.186 ± 0.003 χ^2/NDF : 1275.5/30

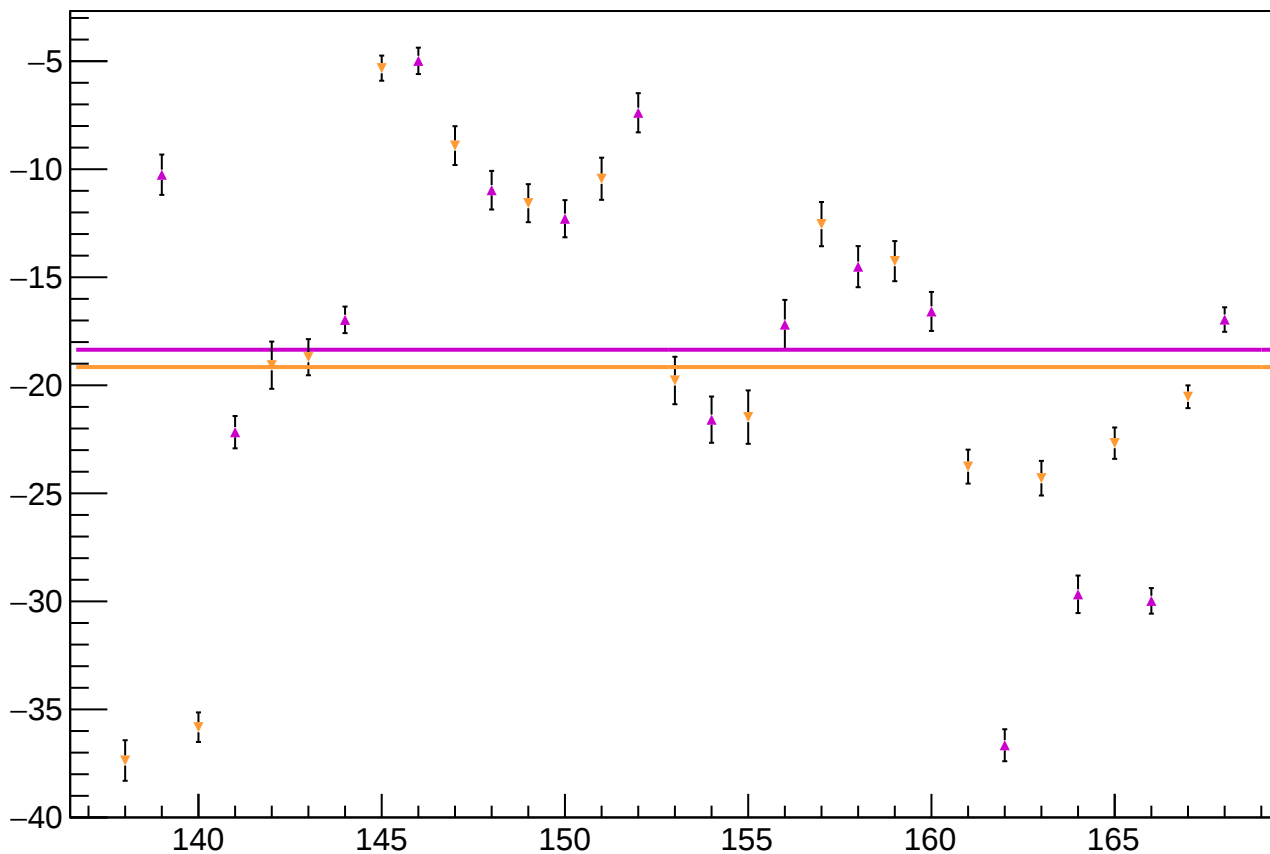
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.144 ± 0.004 χ^2/NDF : 2233.3/31

Out: 0.159 ± 0.004 χ^2/NDF : 2441.4/34

All: 0.151 ± 0.003 χ^2/NDF : 4682.2/66

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

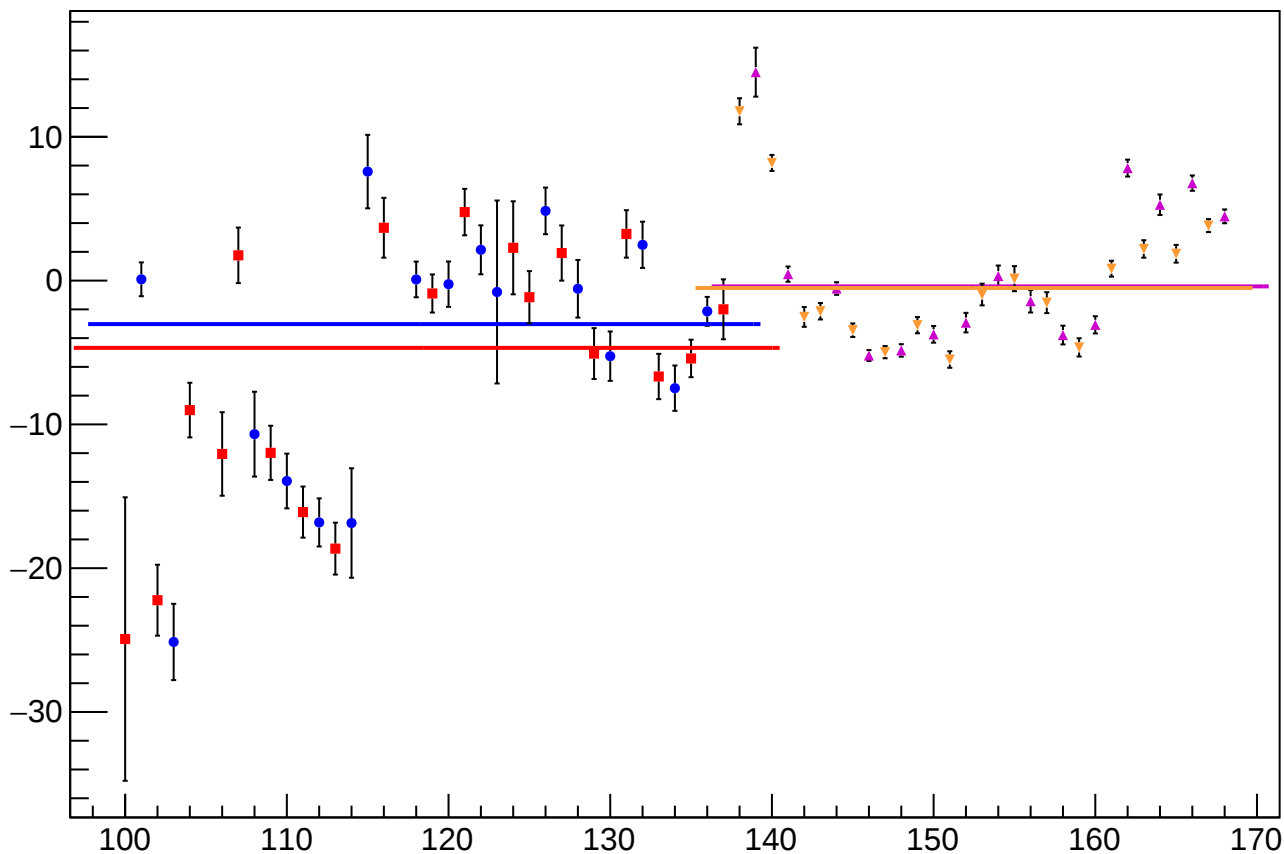
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -0.402 ± 0.144 χ^2/NDF : 984.0/14

Left: -0.457 ± 0.103 χ^2/NDF : 1852.9/30

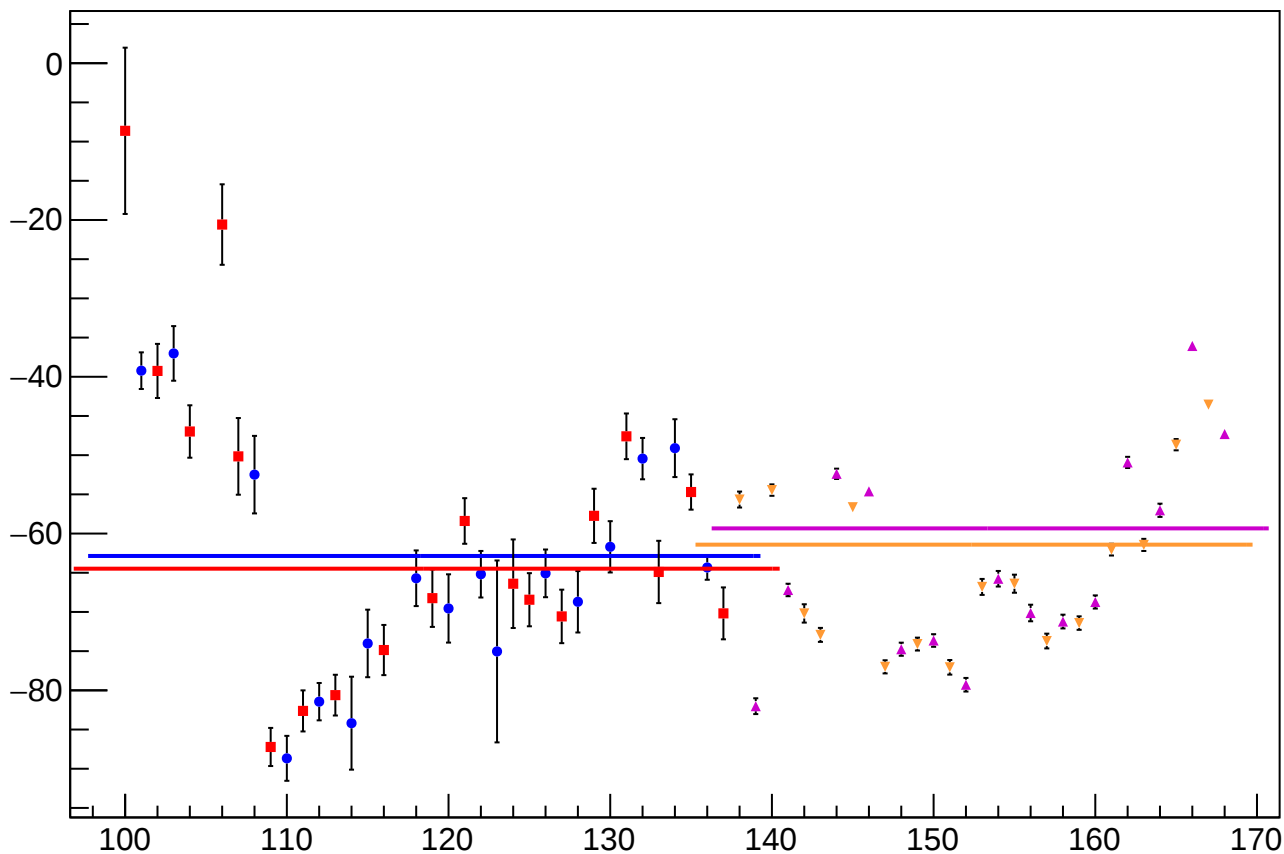
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.694 ± 0.136 χ^2/NDF : 1301.3/31

Out: -0.951 ± 0.138 χ^2/NDF : 1253.3/34

All: -0.821 ± 0.097 χ^2/NDF : 2556.3/66

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -61.415 ± 0.202 χ^2/NDF : 3033.1/15

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -59.341 ± 0.197 χ^2/NDF : 4494.5/14

Left: -60.350 ± 0.141 χ^2/NDF : 7581.6/30

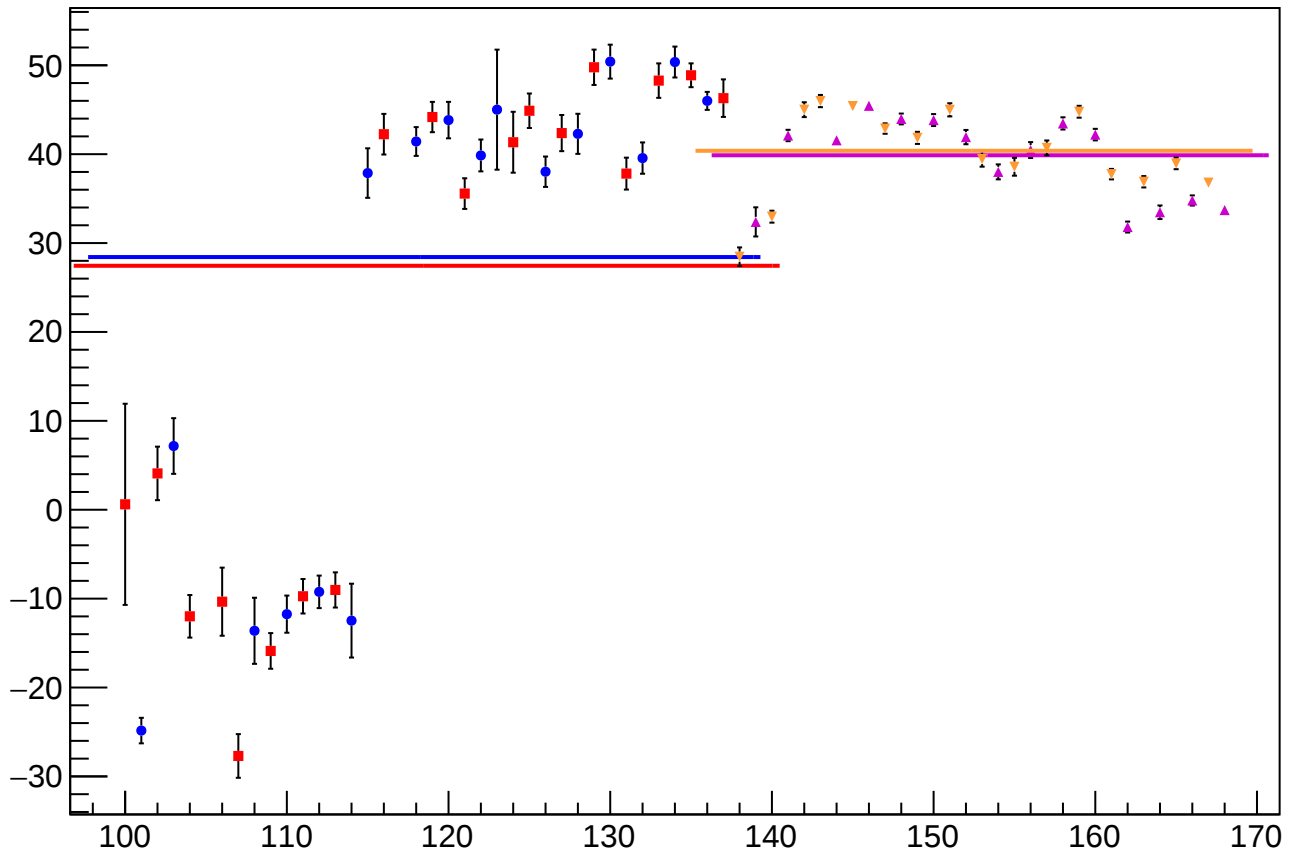
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -59.574 ± 0.190 χ^2/NDF : 4883.3/31

Out: -61.621 ± 0.195 χ^2/NDF : 3492.6/34

All: -60.571 ± 0.136 χ^2/NDF : 8432.4/66

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: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 39.876 $\pm$ 0.169 χ^2 /NDF:755.4/14

Left: 40.128 $\pm$ 0.120 χ^2 /NDF: 1409.0/30

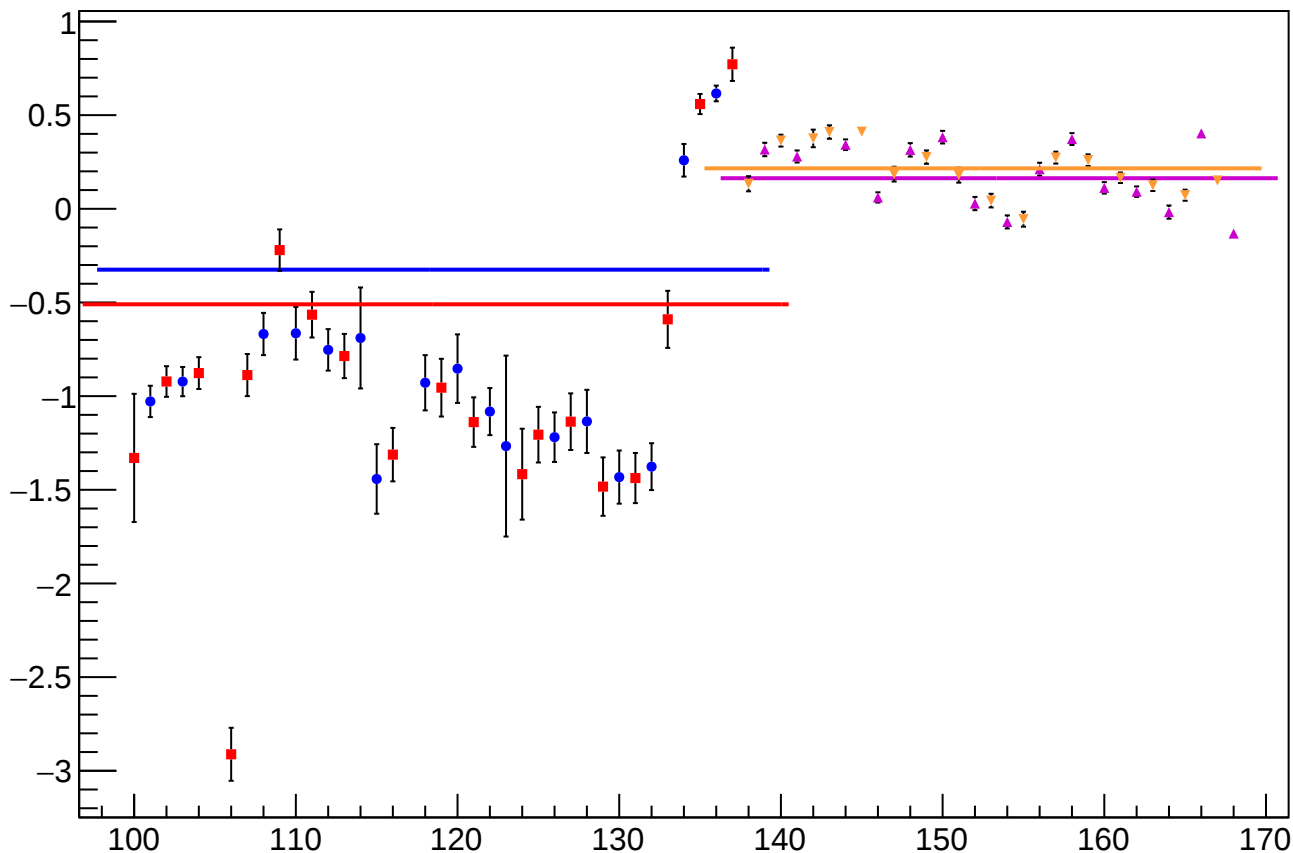
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 38.508 $\pm$ 0.158 χ^2 /NDF:4628.7/31

Out: 38.935 $\pm$ 0.160 χ^2 /NDF:4332.3/34

All: 38.720 $\pm$ 0.112 χ^2 /NDF: 8964.6/66

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.216 ± 0.008 χ^2/NDF : 254.2/15

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.163 ± 0.008 χ^2/NDF : 552.0/14

Left: 0.189 ± 0.006 χ^2/NDF : 828.1/30

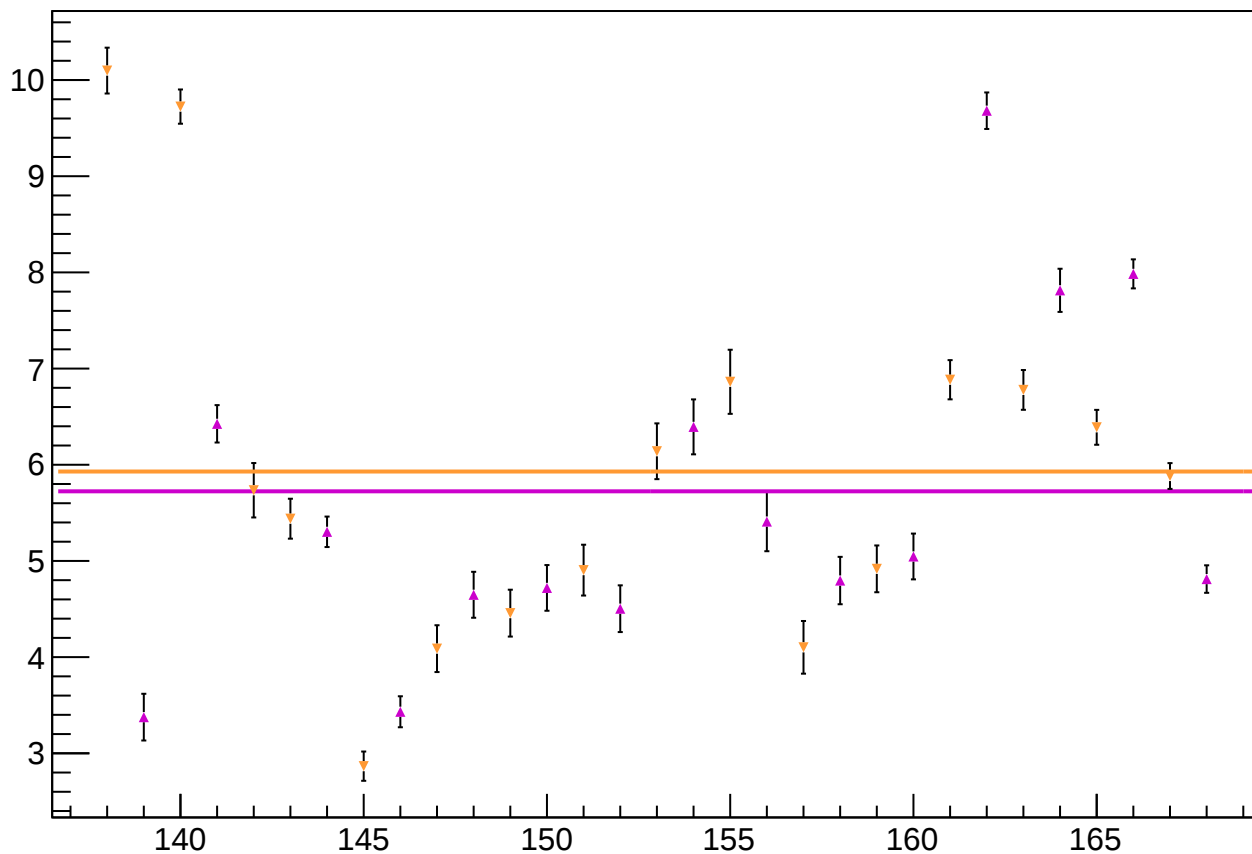
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.119 ± 0.008 χ^2/NDF : 1912.6/31

Out: 0.152 ± 0.008 χ^2/NDF : 2150.3/34

All: 0.135 ± 0.005 χ^2/NDF : 4072.2/66

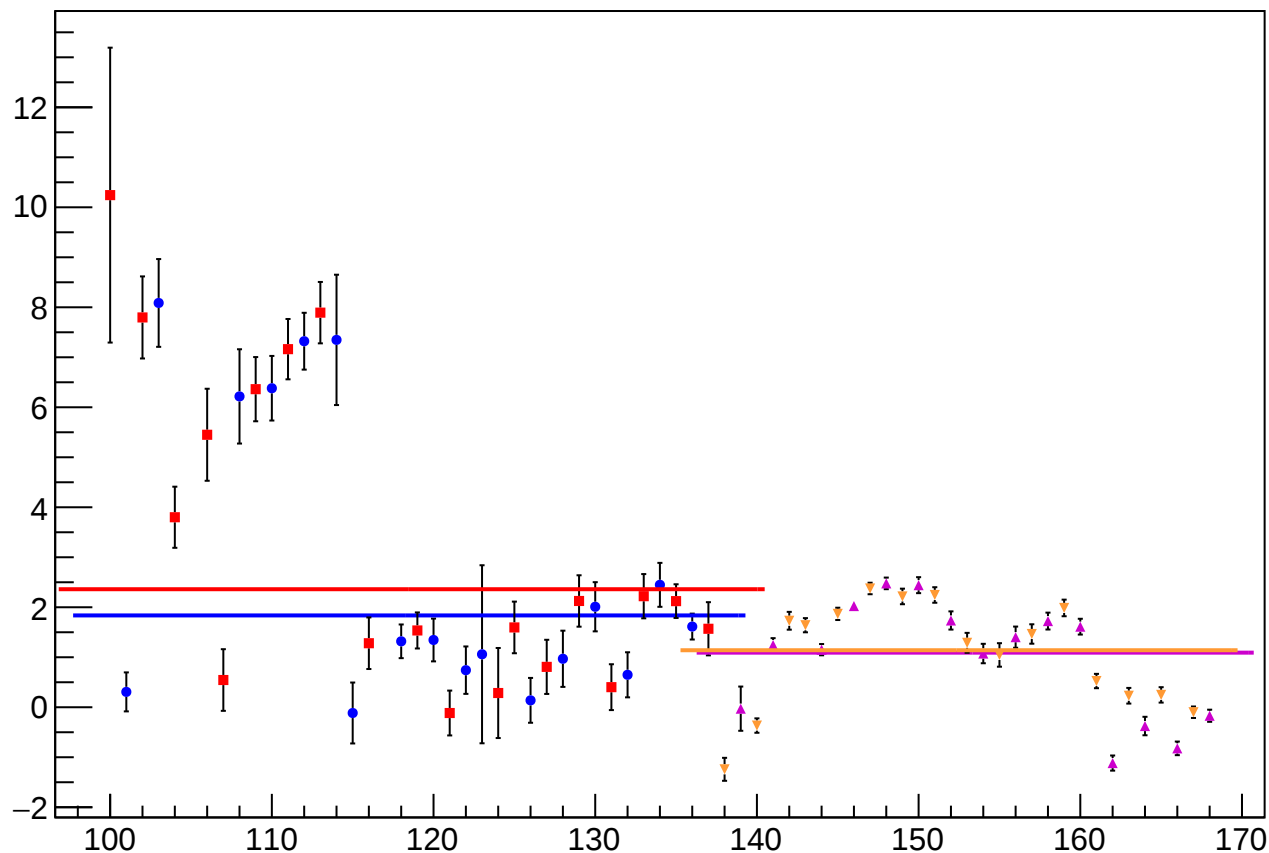
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.930+/-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 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.140 $\pm$ 0.038 χ^2 /NDF: 720.0/15

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.092 $\pm$ 0.038 χ^2 /NDF: 933.8/14

Left: 1.116 $\pm$ 0.027 χ^2 /NDF: 1654.6/30

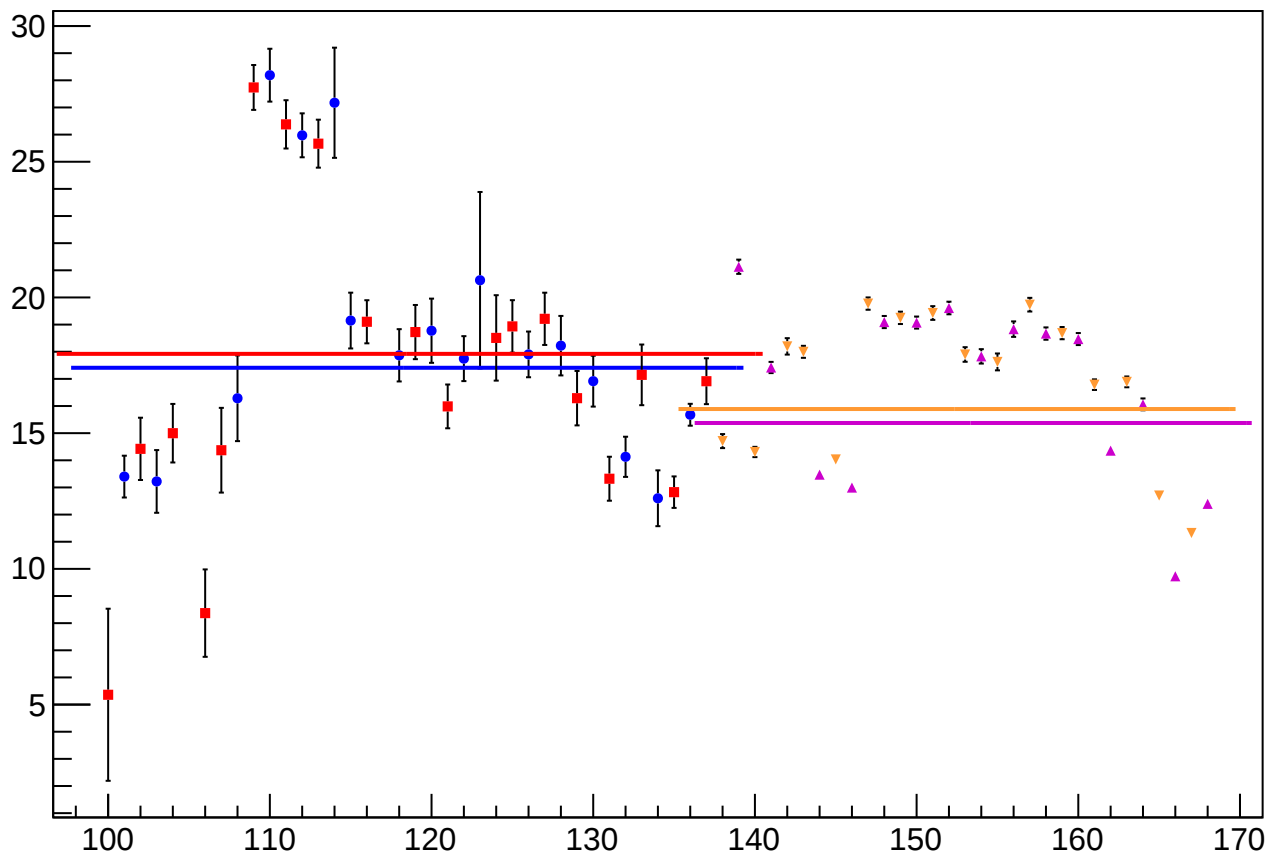
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.163 $\pm$ 0.036 χ^2 /NDF: 1265.1/31

Out: 1.248 $\pm$ 0.036 χ^2 /NDF: 1147.5/34

All: 1.205 $\pm$ 0.026 χ^2 /NDF: 2415.3/66

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 χ^2/NDF : 365.1/16

Left Out: 15.889 ± 0.053 χ^2/NDF : 3015.3/15

Right Out: 17.922 ± 0.219 χ^2/NDF : 506.5/18

Left In: 15.375 ± 0.051 χ^2/NDF : 4278.6/14

Left: 15.626 ± 0.037 χ^2/NDF : 7342.9/30

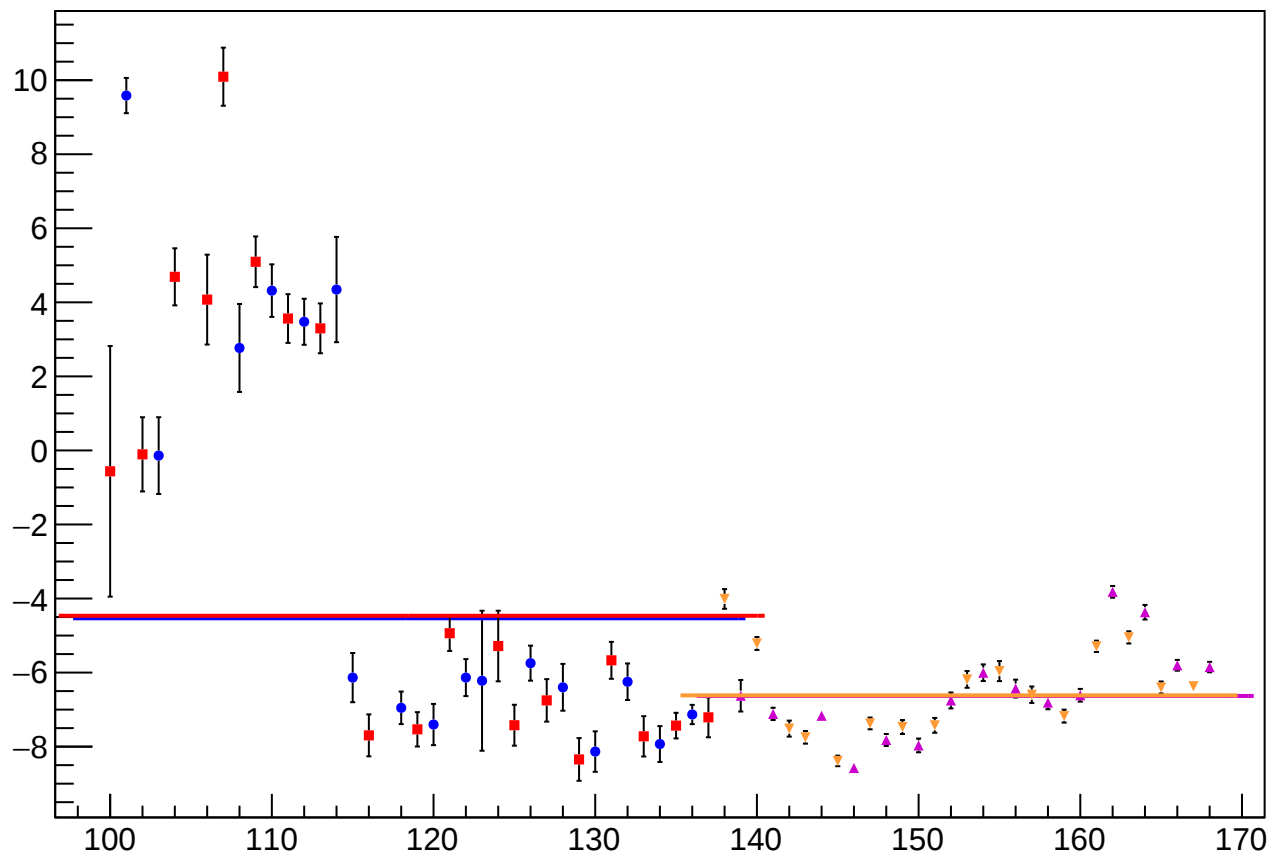
Right: 17.657 ± 0.152 χ^2/NDF : 874.4/35

In: 15.488 ± 0.050 χ^2/NDF : 4730.7/31

Out: 16.000 ± 0.051 χ^2/NDF : 3603.4/34

All: 15.737 ± 0.036 χ^2/NDF : 8385.6/66

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.616 ± 0.044 χ^2/NDF : 627.4/15

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.631 ± 0.044 χ^2/NDF : 897.0/14

Left: -6.623 ± 0.031 χ^2/NDF : 1524.5/30

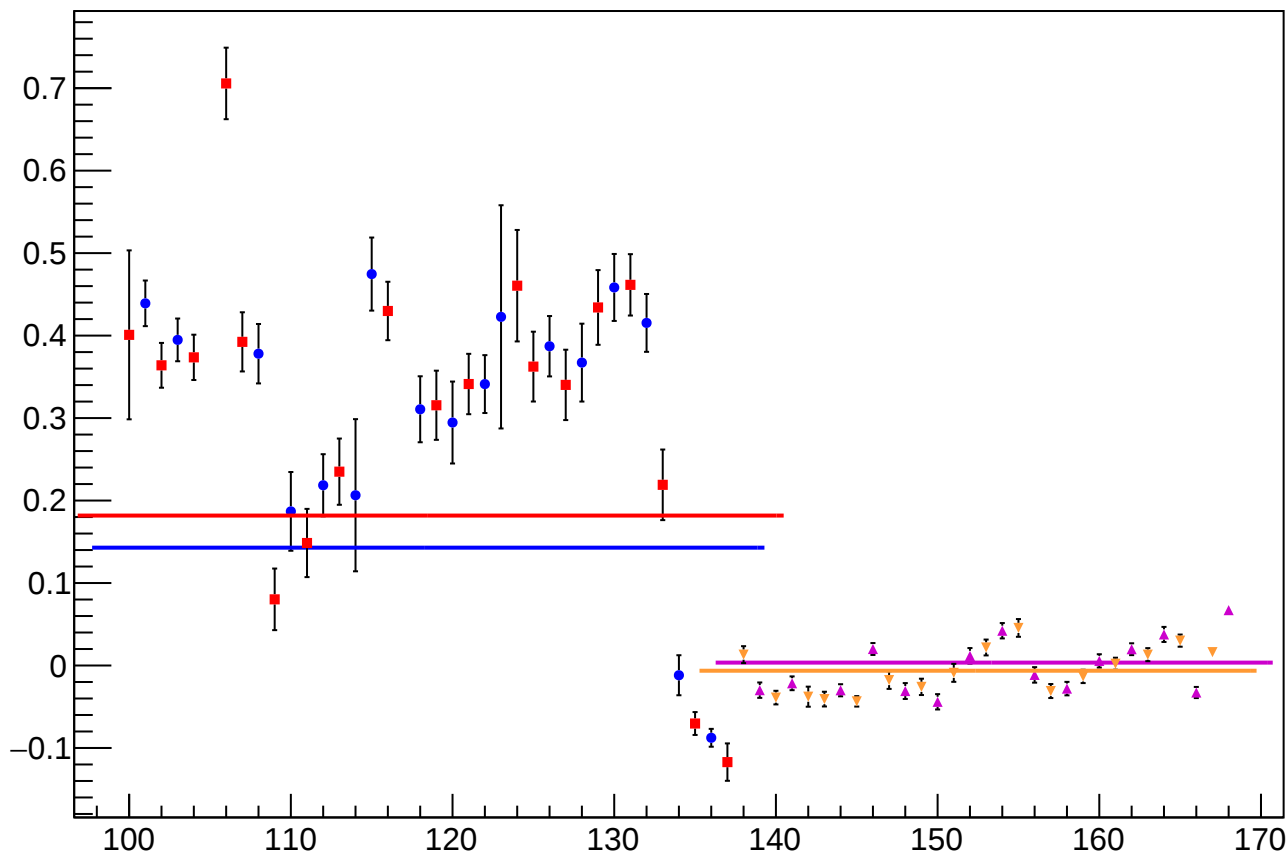
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.415 ± 0.042 χ^2/NDF : 2720.2/31

Out: -6.412 ± 0.042 χ^2/NDF : 2191.8/34

All: -6.413 ± 0.030 χ^2/NDF : 4912.1/66

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.006 ± 0.002 $\chi^2/\text{NDF}: 169.3/15$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: 0.004 ± 0.002 $\chi^2/\text{NDF}: 304.3/14$

Left: -0.001 ± 0.001 $\chi^2/\text{NDF}: 484.9/30$

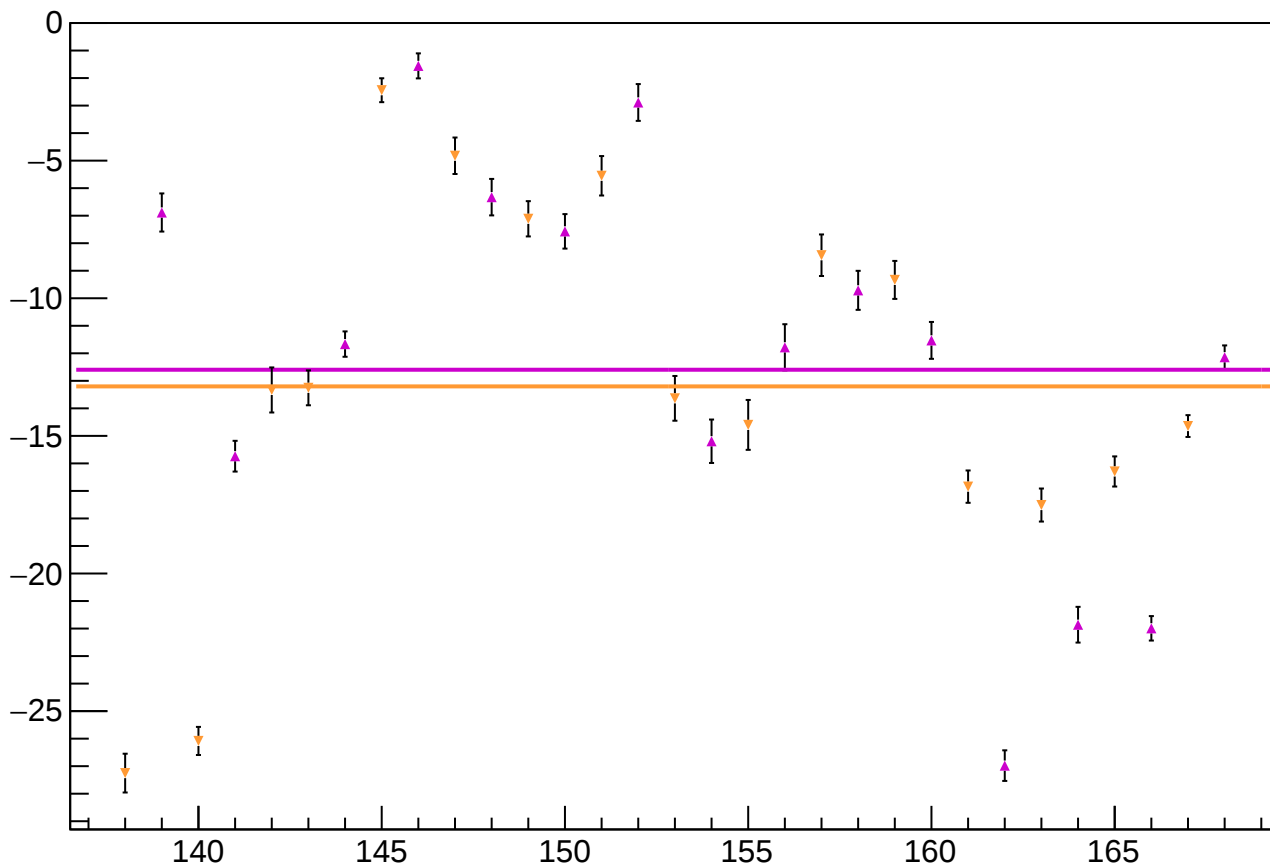
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.014 ± 0.002 $\chi^2/\text{NDF}: 1722.9/31$

Out: 0.008 ± 0.002 $\chi^2/\text{NDF}: 1778.7/34$

All: 0.011 ± 0.001 $\chi^2/\text{NDF}: 3507.5/66$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -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

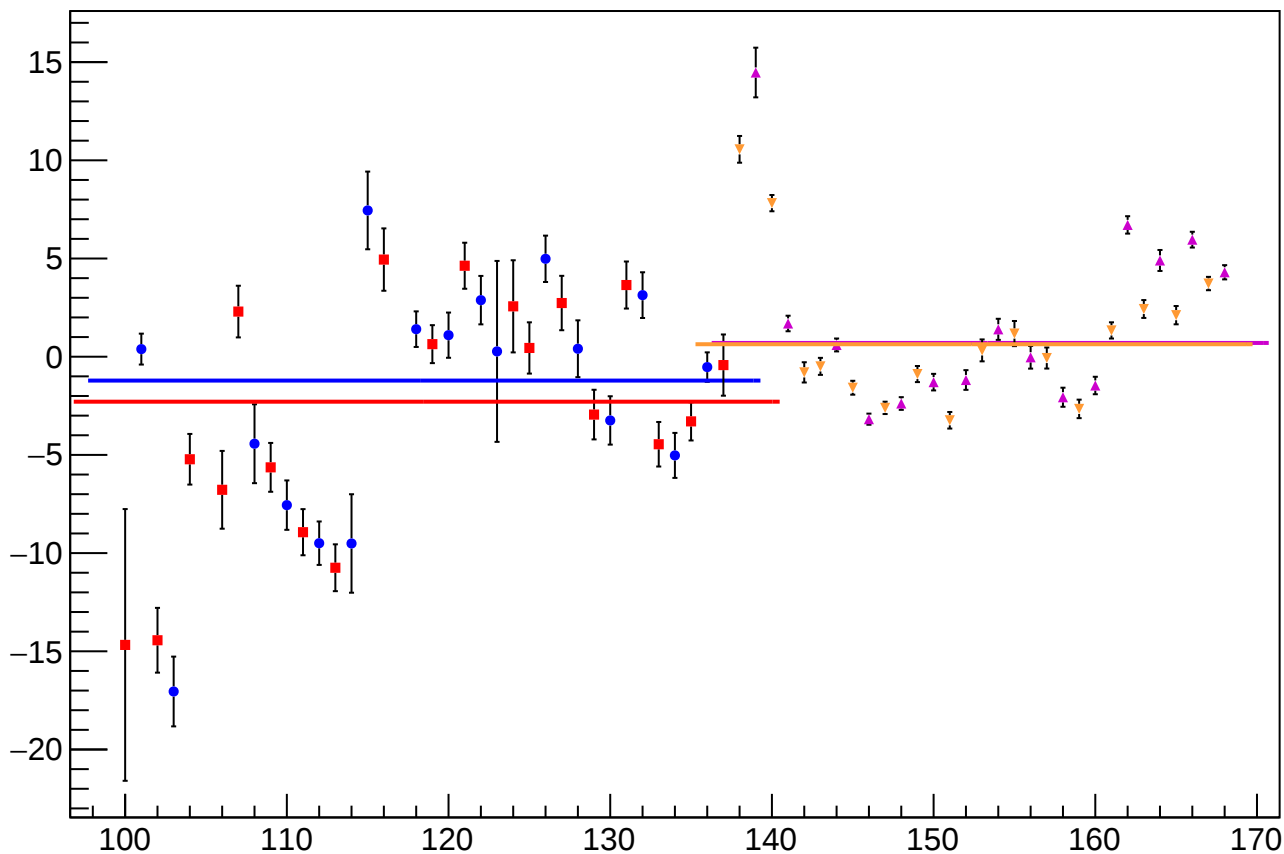
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.636 ± 0.109 χ^2/NDF : 933.9/15

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 0.701 ± 0.108 χ^2/NDF : 1016.4/14

Left: 0.669 ± 0.077 χ^2/NDF : 1950.4/30

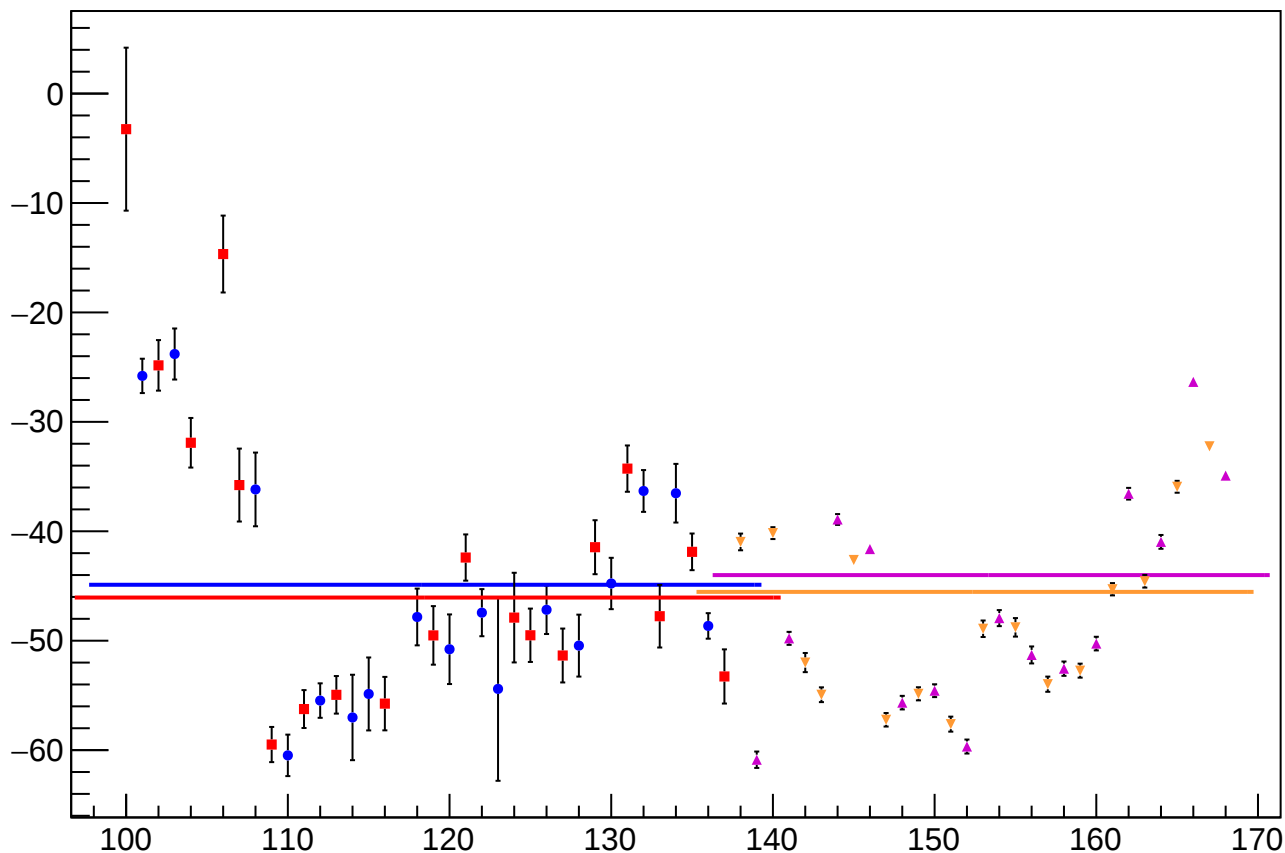
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.469 ± 0.101 χ^2/NDF : 1333.4/31

Out: 0.299 ± 0.102 χ^2/NDF : 1304.0/34

All: 0.385 ± 0.072 χ^2/NDF : 2638.7/66

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -45.538 ± 0.151 χ^2/NDF : 3029.0/15

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -44.004 ± 0.147 χ^2/NDF : 4579.7/14

Left: -44.751 ± 0.105 χ^2/NDF : 7662.0/30

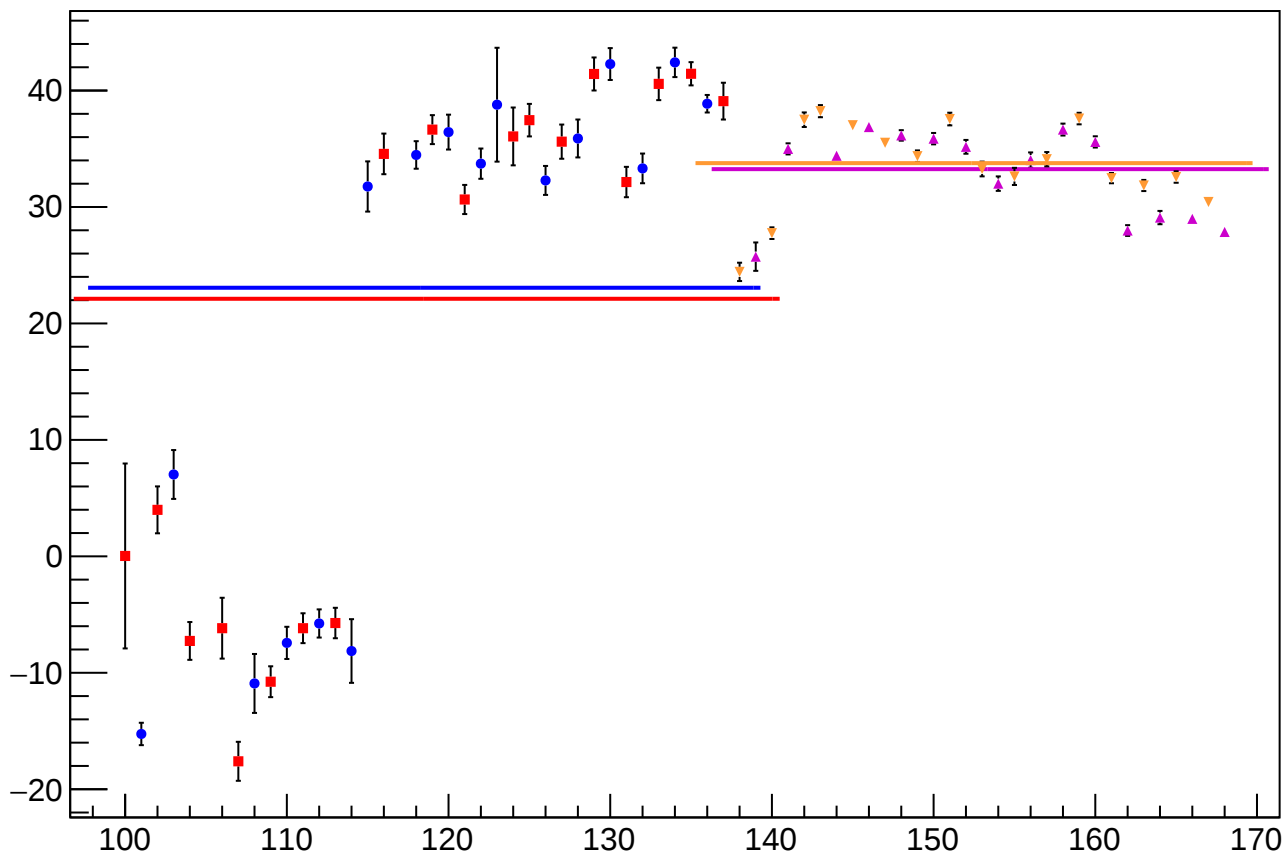
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -44.069 ± 0.141 χ^2/NDF : 5002.8/31

Out: -45.577 ± 0.145 χ^2/NDF : 3483.7/34

All: -44.804 ± 0.101 χ^2/NDF : 8542.1/66

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 33.767 $\pm$ 0.126 χ^2 /NDF:697.4/15

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 33.250 $\pm$ 0.126 χ^2 /NDF:761.7/14

Left: 33.507 $\pm$ 0.089 χ^2 /NDF: 1467.6/30

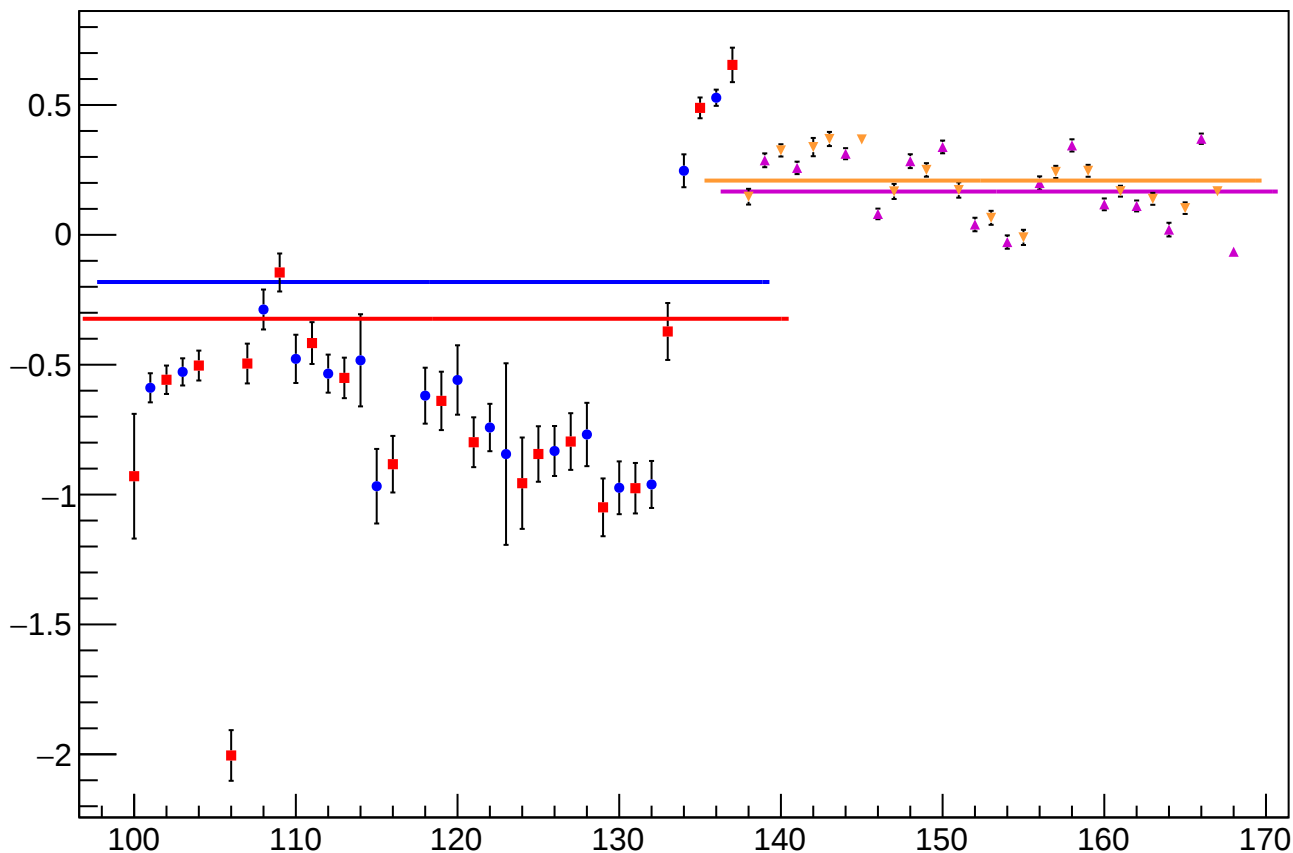
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 31.935 $\pm$ 0.117 χ^2 /NDF:5942.3/31

Out: 32.349 $\pm$ 0.119 χ^2 /NDF:5763.4/34

All: 32.140 $\pm$ 0.083 χ^2 /NDF: 11711.9/66

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.209 ± 0.006 χ^2/NDF : 290.3/15

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.167 ± 0.006 χ^2/NDF : 653.3/14

Left: 0.188 ± 0.004 χ^2/NDF : 969.0/30

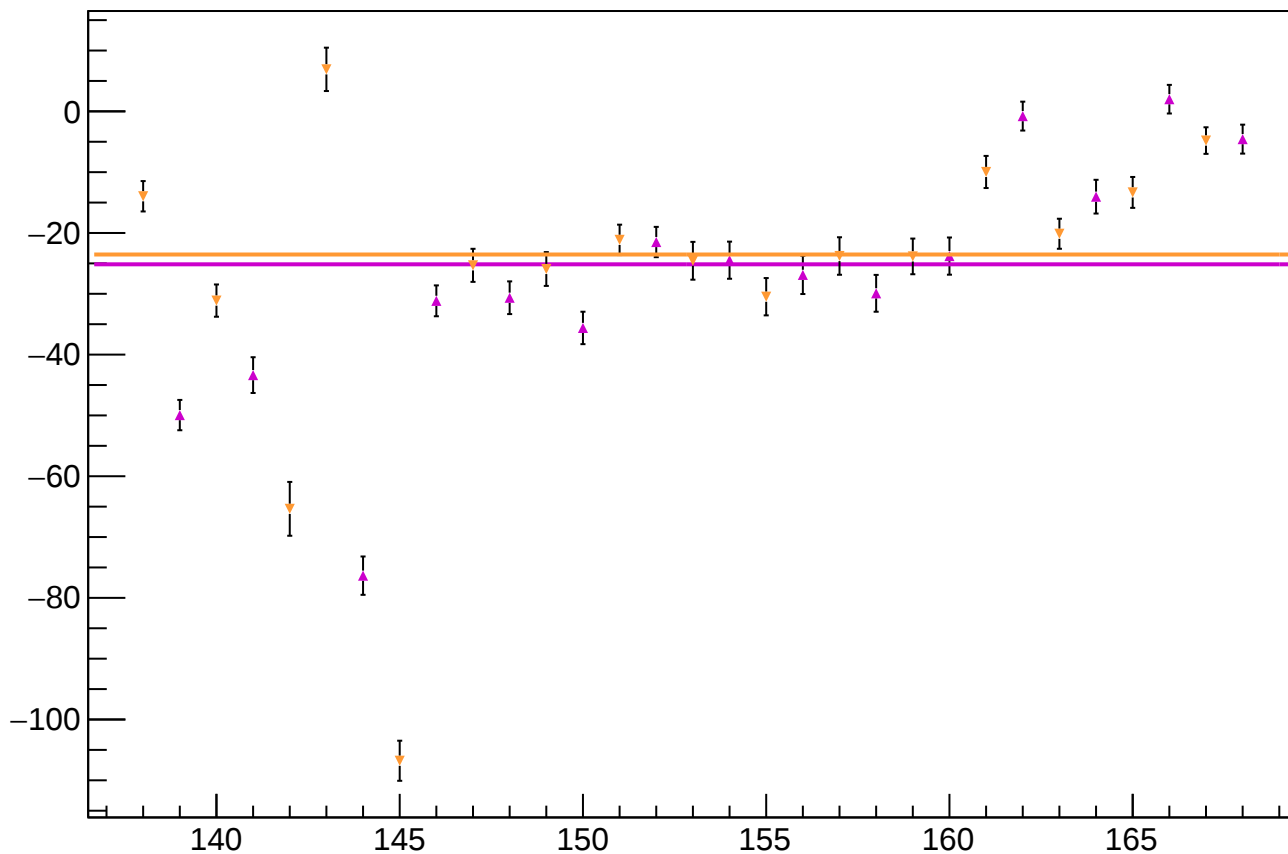
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.132 ± 0.006 χ^2/NDF : 1997.6/31

Out: 0.157 ± 0.006 χ^2/NDF : 2248.9/34

All: 0.145 ± 0.004 χ^2/NDF : 4256.2/66

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -23.540 $\pm$ 0.698 χ^2 /NDF:948.1/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -25.152 $\pm$ 0.697 χ^2 /NDF:760.5/14

Left: -24.348 $\pm$ 0.493 χ^2 /NDF: 1711.3/30

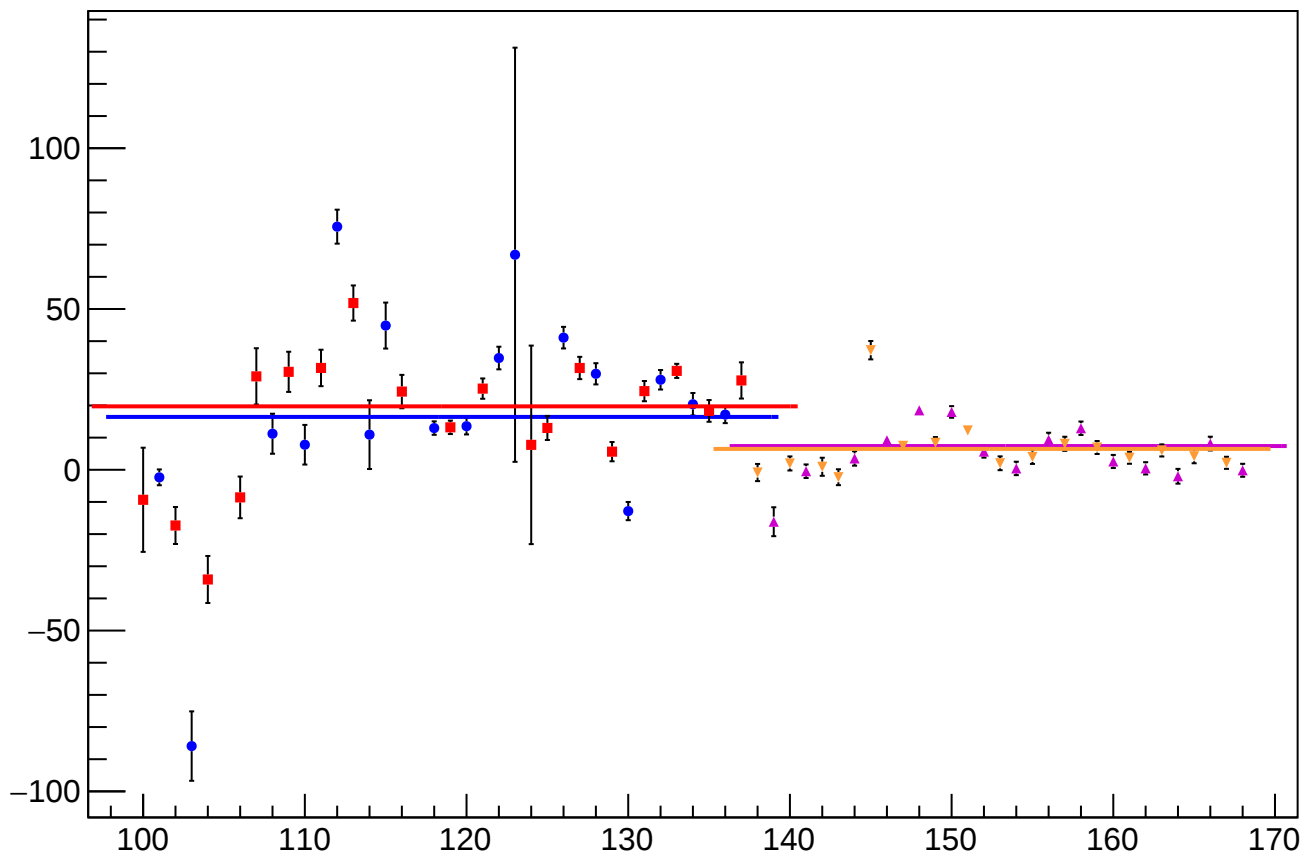
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -25.152 $\pm$ 0.697 χ^2 /NDF:760.5/14

Out: -23.540 $\pm$ 0.698 χ^2 /NDF:948.1/15

All: -24.348 $\pm$ 0.493 χ^2 /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: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

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

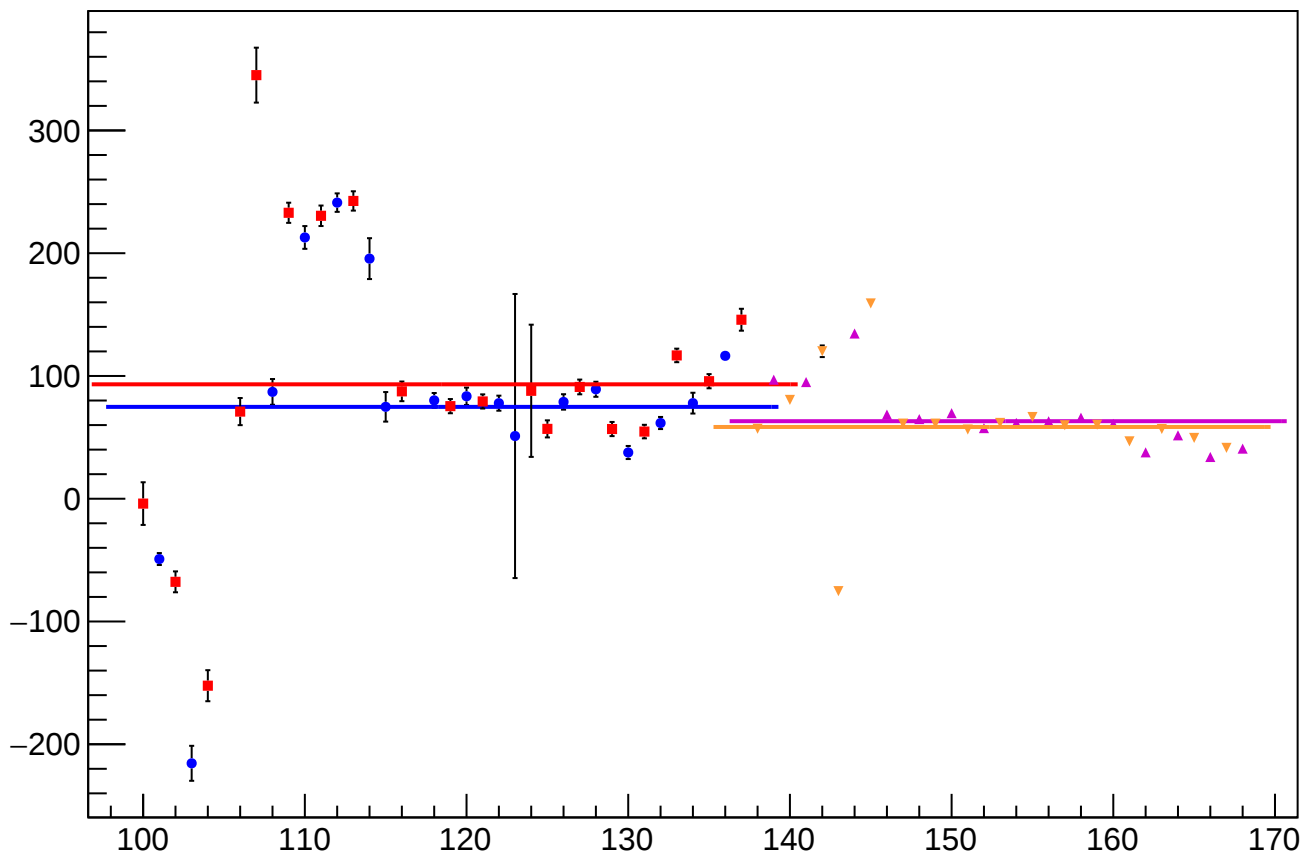
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 9.741 $\pm$ 0.433 χ^2 /NDF:822.7/31

Out: 9.558 $\pm$ 0.432 χ^2 /NDF:585.4/34

All: 9.649 $\pm$ 0.306 χ^2 /NDF: 1408.1/66

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 χ^2/NDF : 1996.8/16

Left Out: 58.454 ± 0.685 χ^2/NDF : 2437.1/15

Right Out: 93.202 ± 1.712 χ^2/NDF : 2000.7/18

Left In: 63.167 ± 0.681 χ^2/NDF : 1105.0/14

Left: 60.826 ± 0.483 χ^2/NDF : 3565.8/30

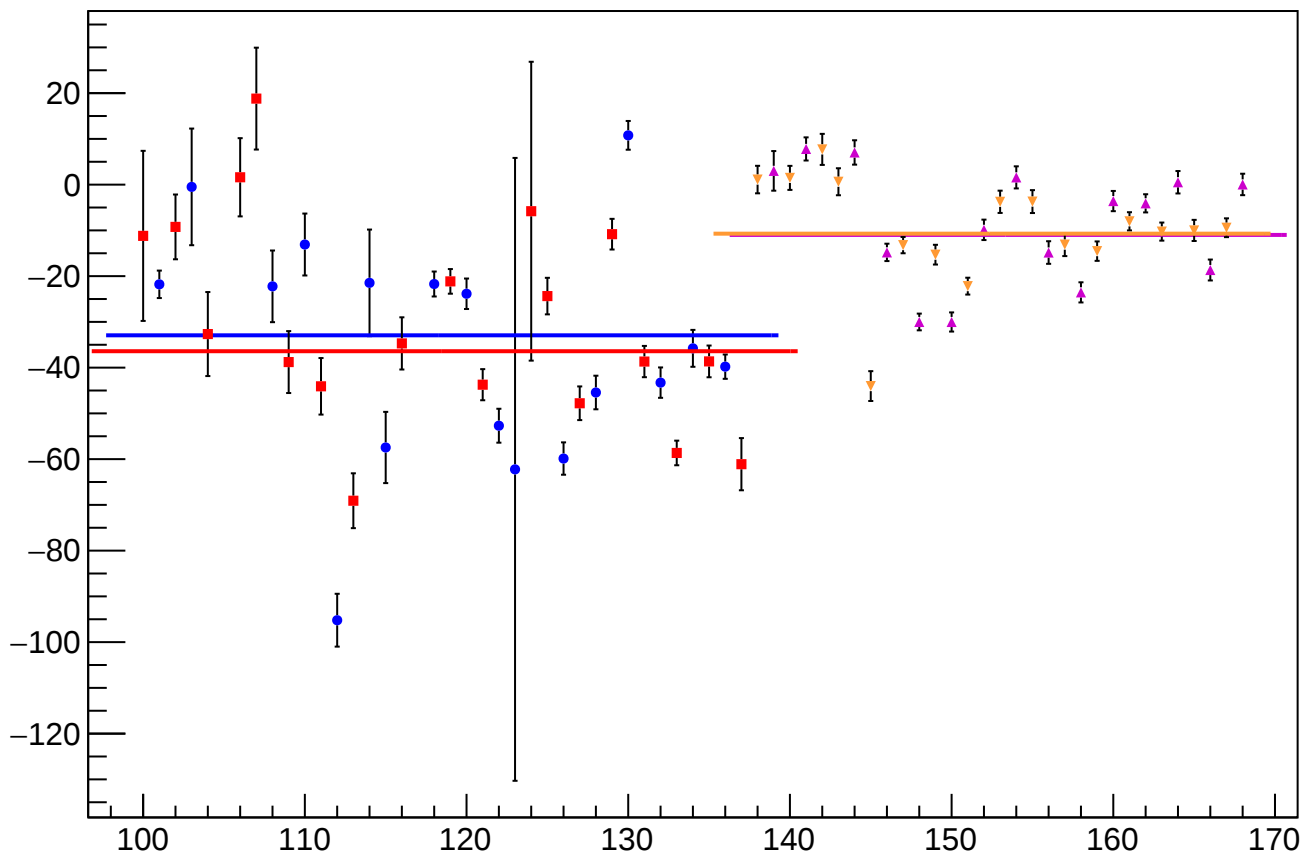
Right: 83.612 ± 1.184 χ^2/NDF : 4057.7/35

In: 64.882 ± 0.629 χ^2/NDF : 3144.9/31

Out: 63.254 ± 0.636 χ^2/NDF : 4793.0/34

All: 64.078 ± 0.447 χ^2/NDF : 7941.2/66

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.718 ± 0.576 χ^2/NDF : 253.4/15

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -10.992 ± 0.588 χ^2/NDF : 447.8/14

Left: -10.852 ± 0.411 χ^2/NDF : 701.3/30

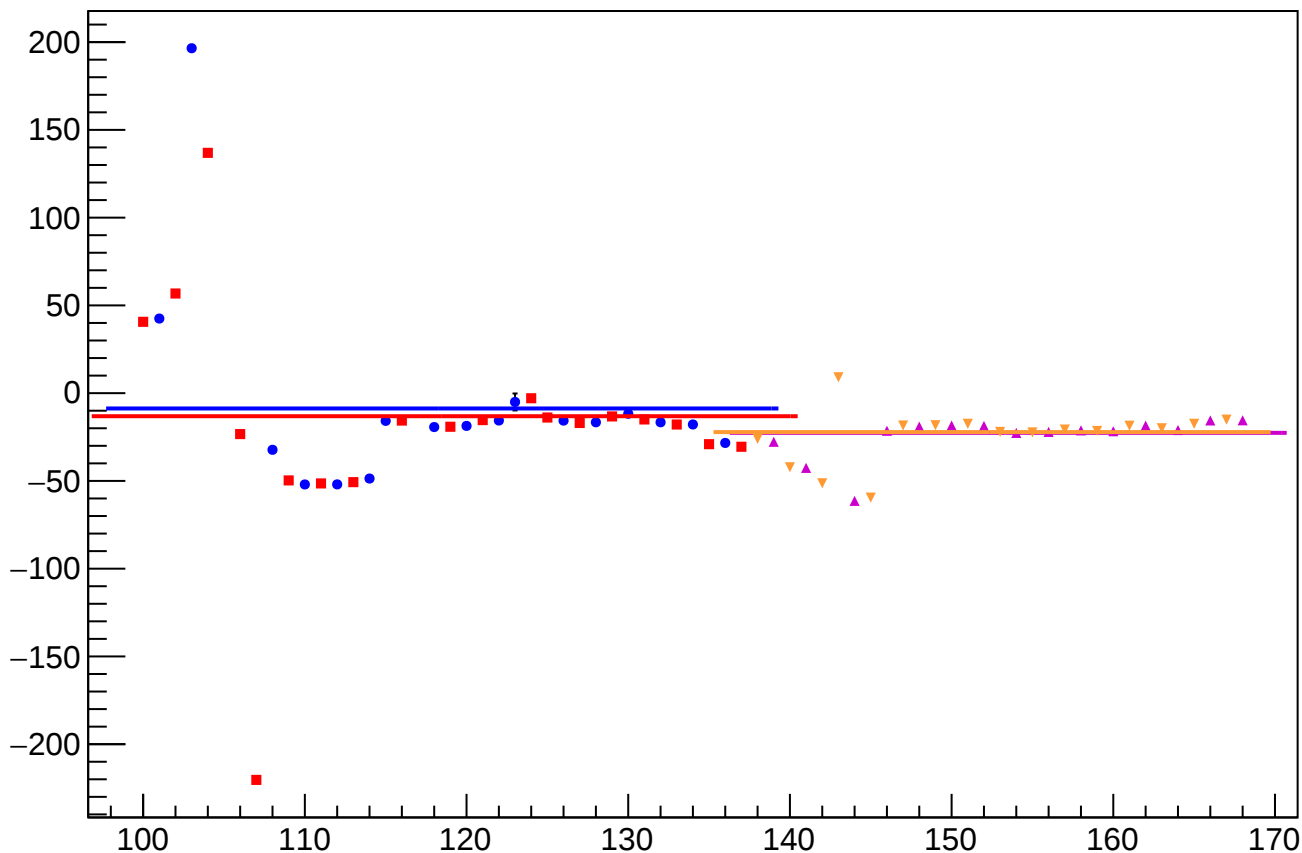
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -16.852 ± 0.503 χ^2/NDF : 1311.1/31

Out: -16.877 ± 0.502 χ^2/NDF : 1026.1/34

All: -16.865 ± 0.355 χ^2/NDF : 2337.2/66

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: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -22.612 ± 0.027 $\chi^2/\text{NDF}: 114435.7/14$

Left: -22.398 ± 0.019 $\chi^2/\text{NDF}: 298876.2/30$

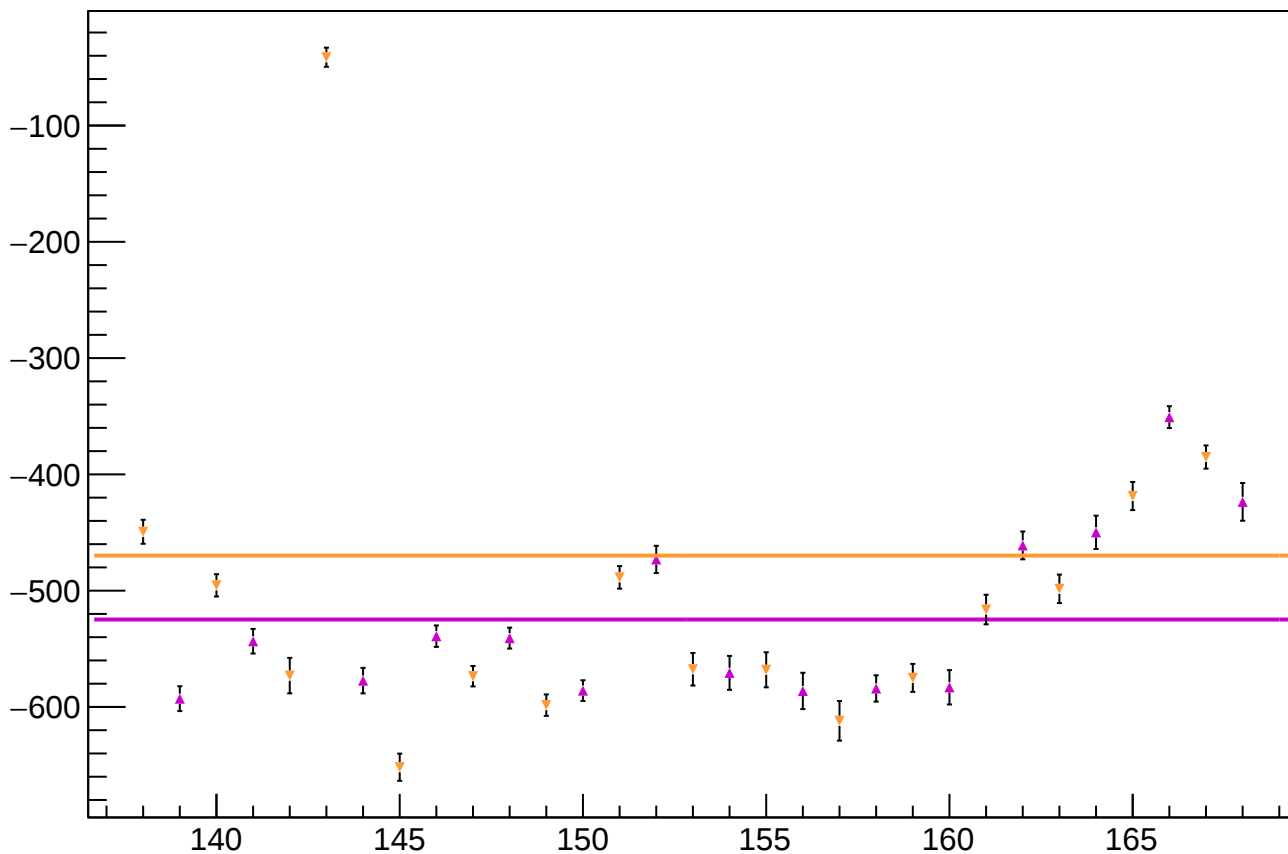
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -20.230 ± 0.024 $\chi^2/\text{NDF}: 736394.4/31$

Out: -20.729 ± 0.025 $\chi^2/\text{NDF}: 760949.5/34$

All: -20.476 ± 0.017 $\chi^2/\text{NDF}: 1497550.5/66$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -469.828 $\pm$ 2.756 χ^2/NDF :3697.2/15

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -524.810 $\pm$ 2.908 χ^2/NDF :644.5/14

Left: -495.851 $\pm$ 2.000 χ^2/NDF : 4530.0/30

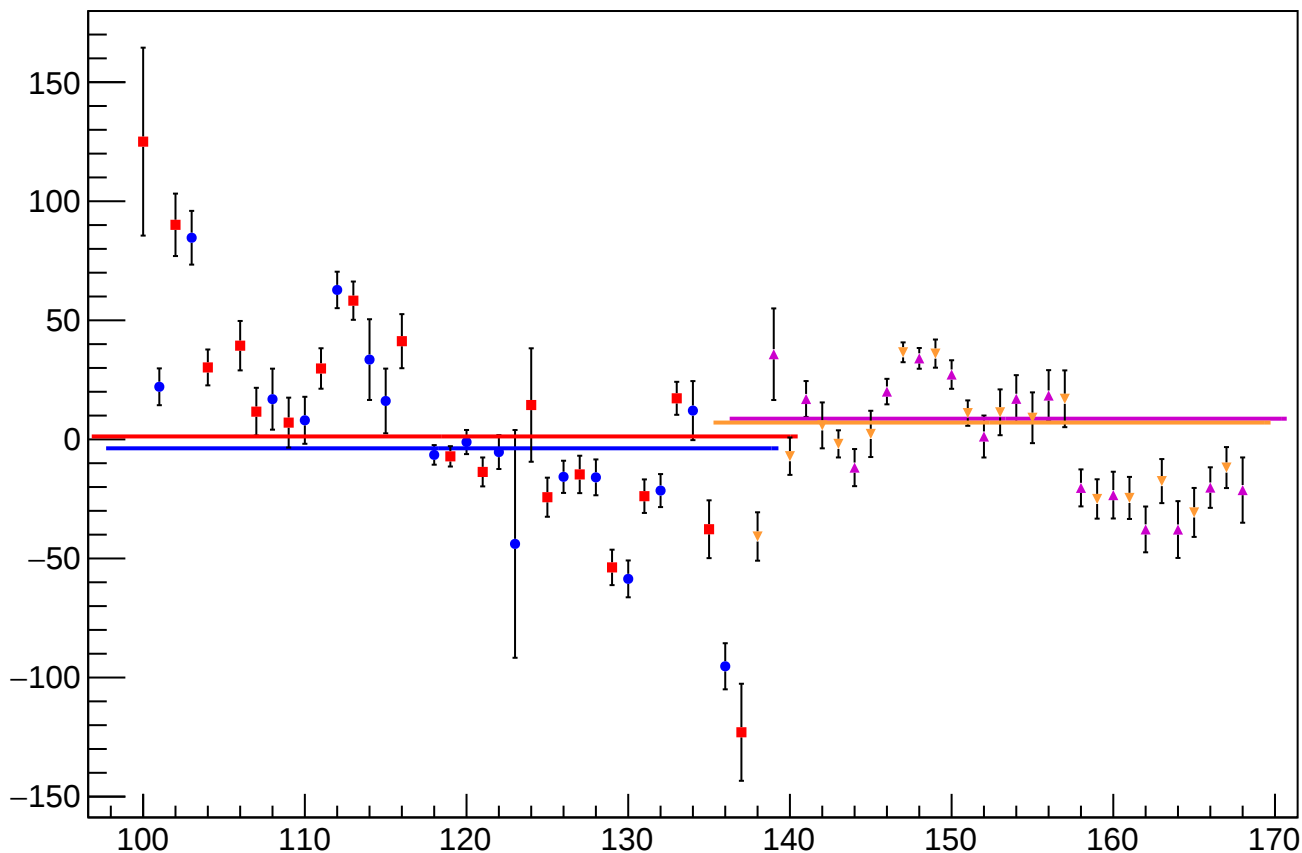
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -524.810 $\pm$ 2.908 χ^2/NDF :644.5/14

Out: -469.828 $\pm$ 2.756 χ^2/NDF :3697.2/15

All: -495.851 $\pm$ 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: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 8.692 ± 2.009 χ^2/NDF : 139.9/14

Left: 7.819 ± 1.366 χ^2/NDF : 297.4/30

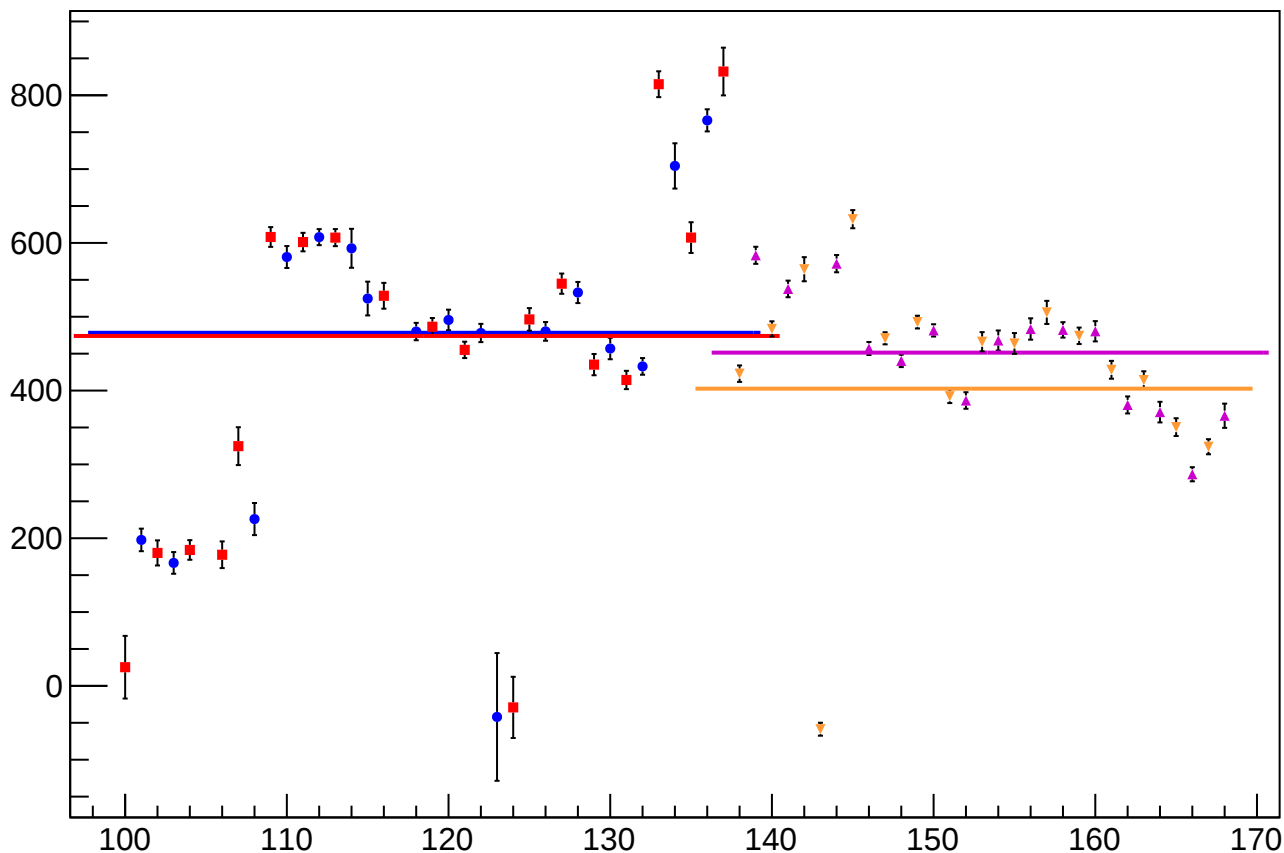
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.103 ± 1.377 χ^2/NDF : 474.3/31

Out: 4.237 ± 1.335 χ^2/NDF : 465.4/34

All: 3.203 ± 0.959 χ^2/NDF : 940.9/66

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 402.588+/-2.726 χ^2/NDF : 3667.5/15

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 451.399+/-2.840 χ^2/NDF : 756.7/14

Left: 425.998+/-1.967 χ^2/NDF : 4578.0/30

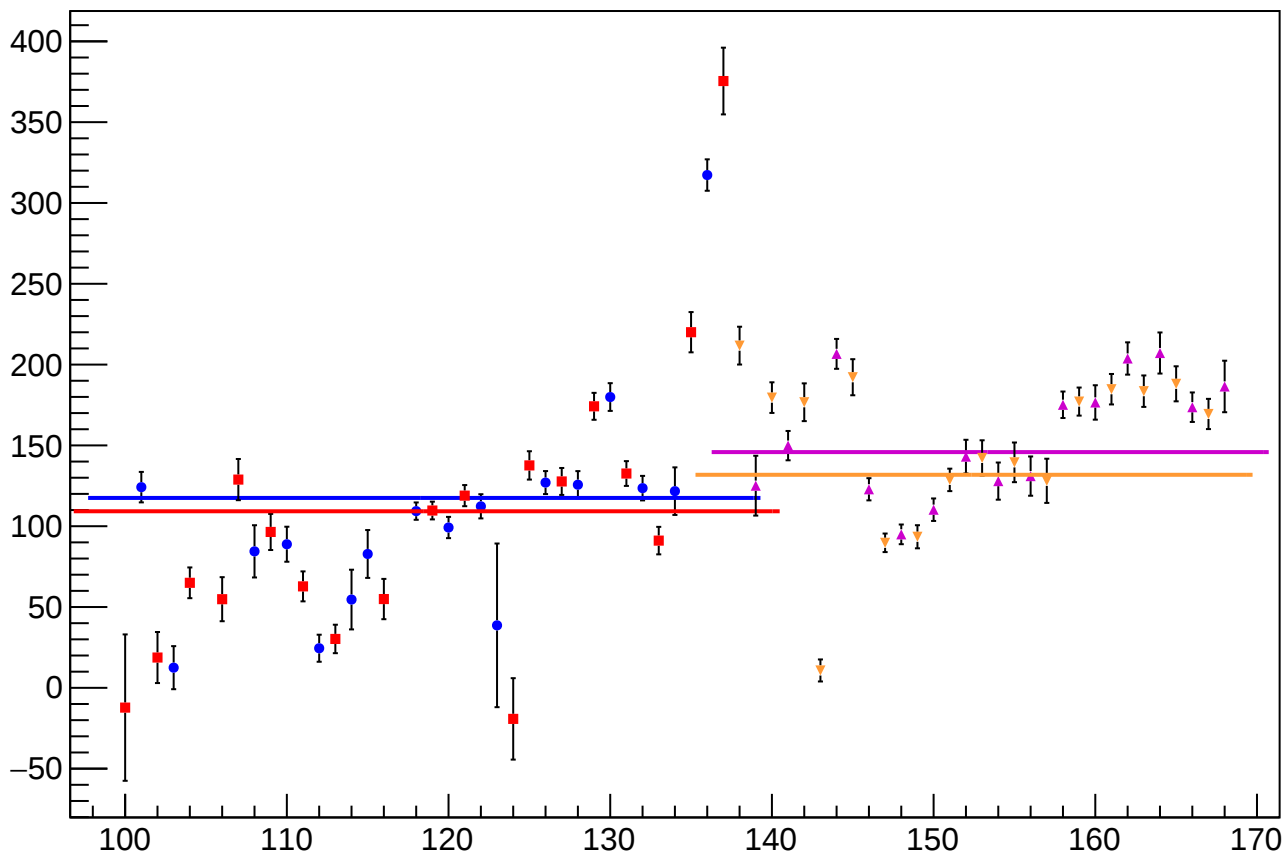
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 461.570+/-2.238 χ^2/NDF : 2418.6/31

Out: 429.267+/-2.157 χ^2/NDF : 6212.1/34

All: 444.823+/-1.553 χ^2/NDF : 8738.7/66

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: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

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

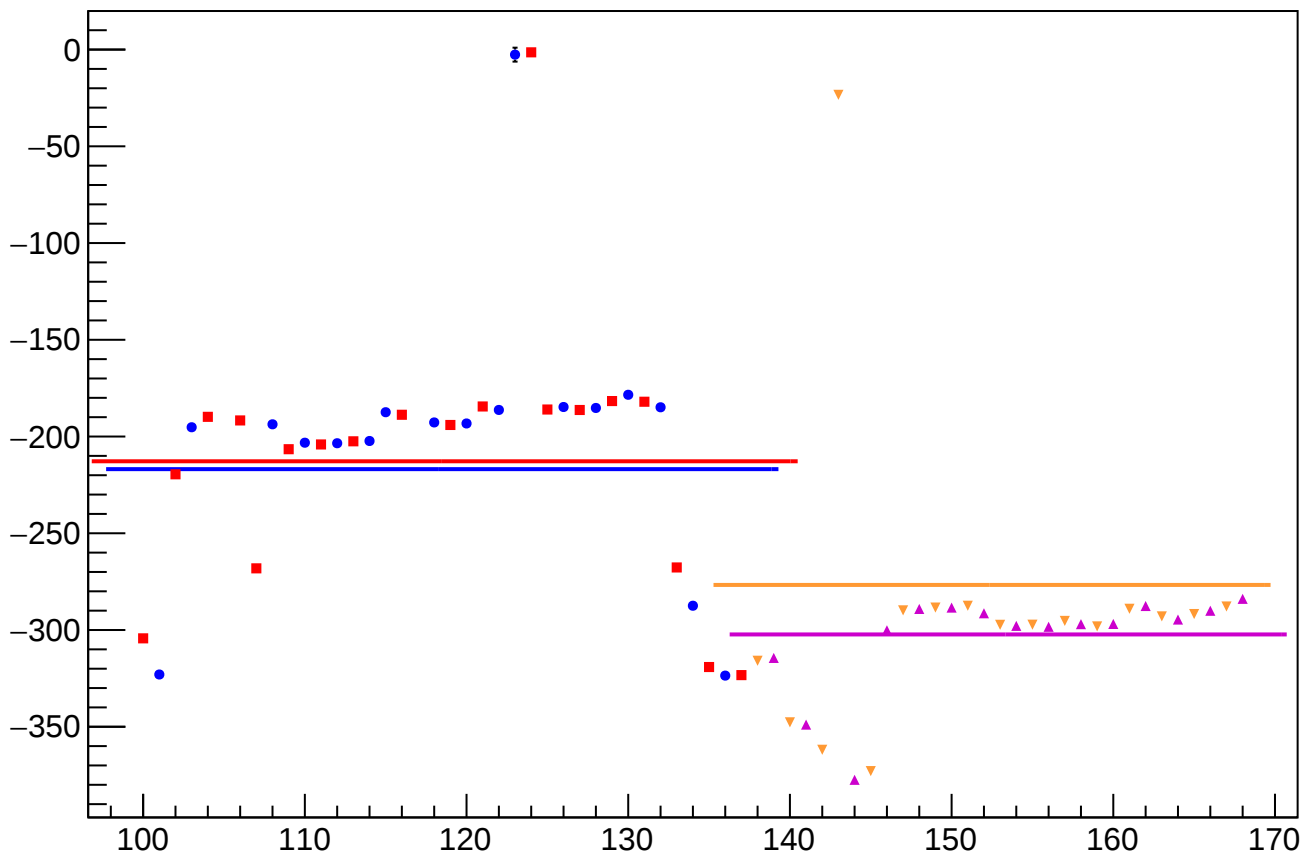
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 130.491 $\pm$ 1.618 χ^2 /NDF:1031.8/31

Out: 120.419 $\pm$ 1.568 χ^2 /NDF:1267.1/34

All: 125.297 $\pm$ 1.126 χ^2 /NDF: 2319.0/66

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -276.699 ± 0.110 $\chi^2/\text{NDF}: 620602.7/15$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -302.289 ± 0.114 $\chi^2/\text{NDF}: 39734.8/14$

Left: -289.027 ± 0.079 $\chi^2/\text{NDF}: 686446.2/30$

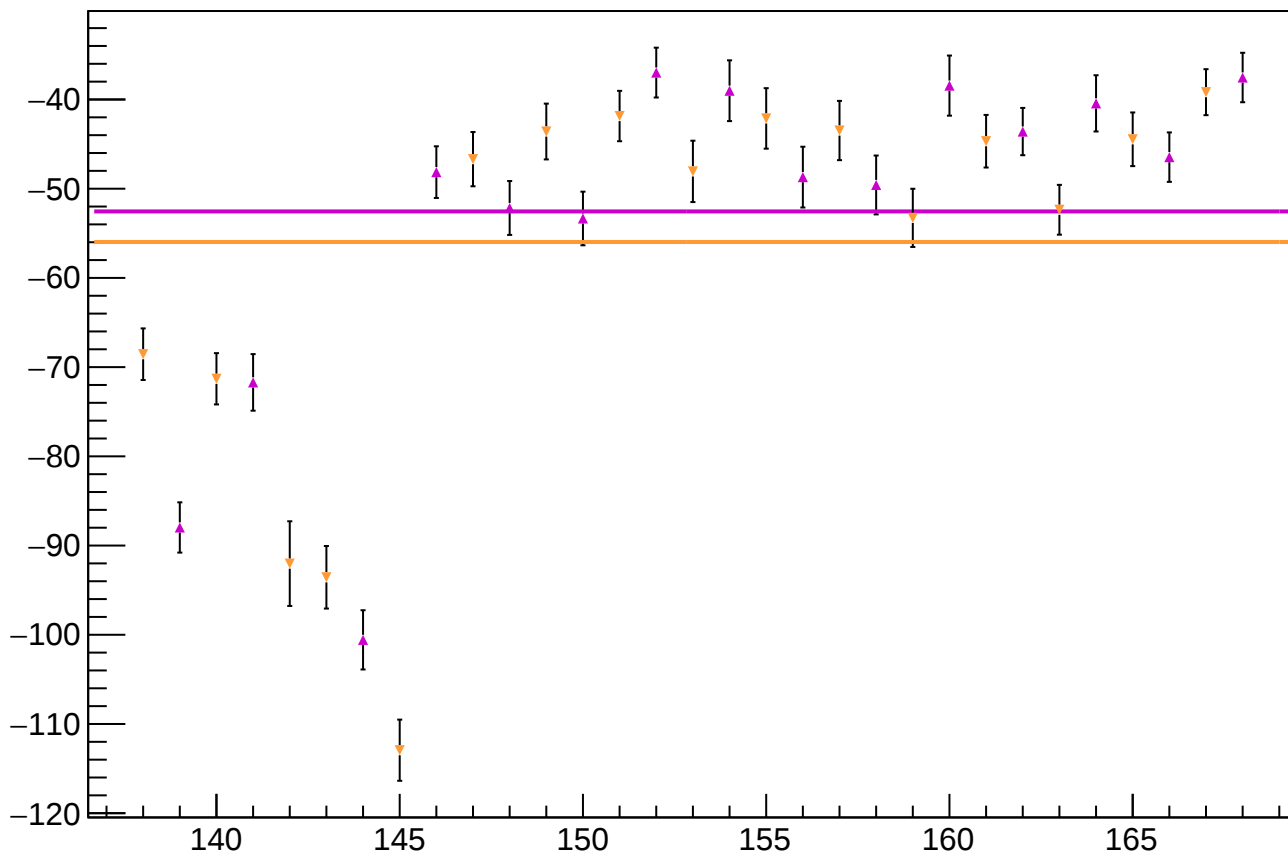
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -266.985 ± 0.087 $\chi^2/\text{NDF}: 418701.1/31$

Out: -250.073 ± 0.084 $\chi^2/\text{NDF}: 878020.8/34$

All: -258.196 ± 0.061 $\chi^2/\text{NDF}: 1316212.4/66$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



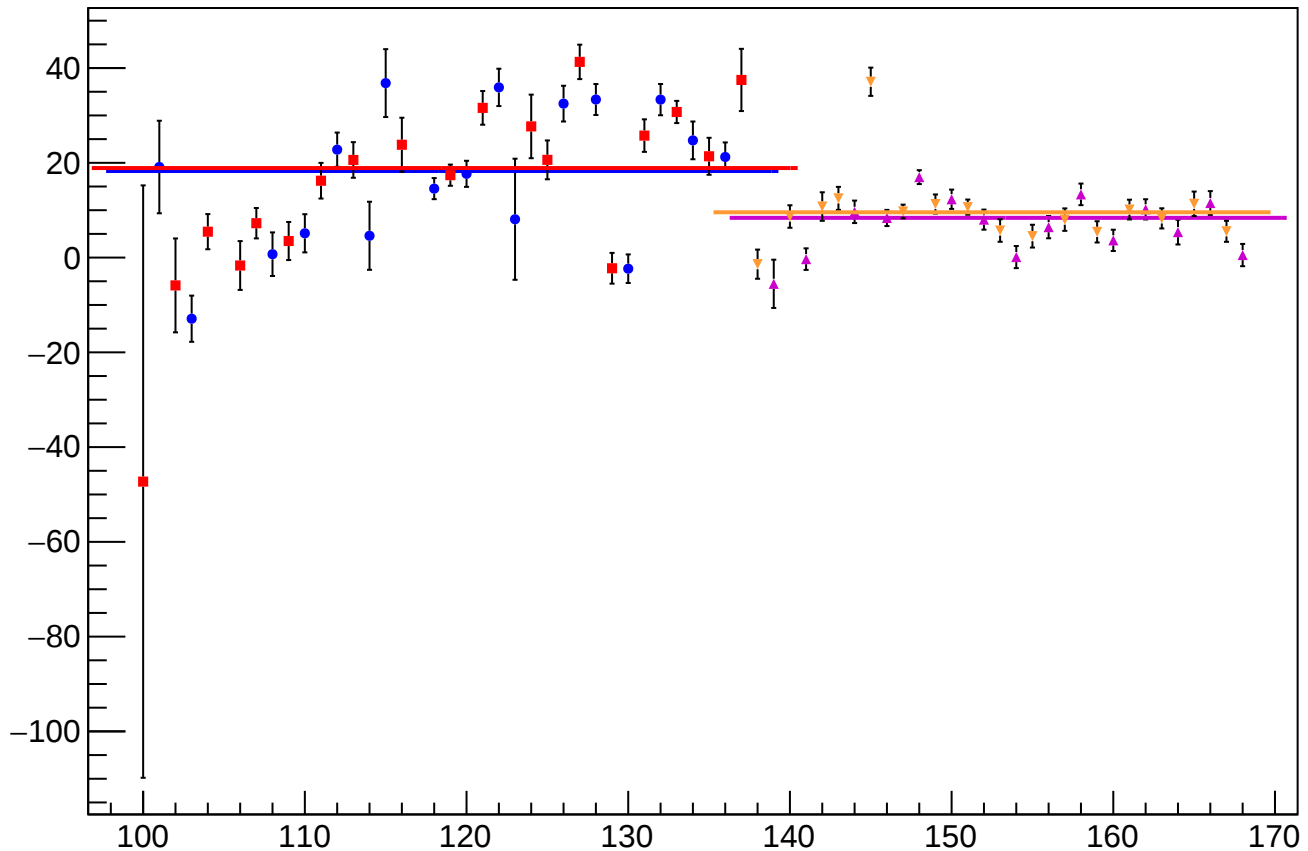
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.972+/-0.779 χ^2/NDF :656.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.546+/-0.781 χ^2/NDF :532.9/14

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 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.562 $\pm$ 0.549 χ^2 /NDF:116.0/15

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 8.388 $\pm$ 0.564 χ^2 /NDF:97.7/14

Left: 8.992 $\pm$ 0.393 χ^2 /NDF: 215.9/30

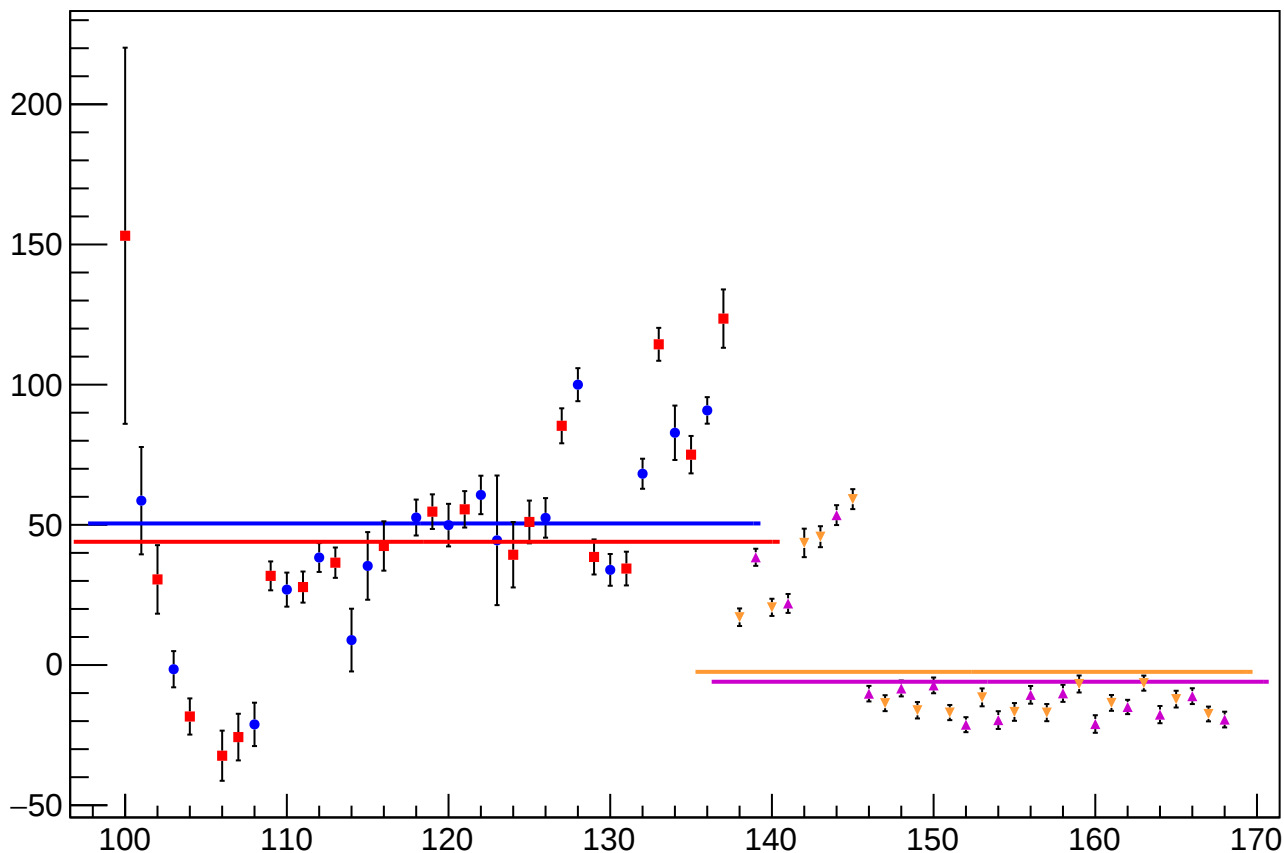
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 11.145 $\pm$ 0.479 χ^2 /NDF:391.6/31

Out: 12.244 $\pm$ 0.463 χ^2 /NDF:398.4/34

All: 11.713 $\pm$ 0.333 χ^2 /NDF: 792.7/66

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -2.430 ± 0.765 χ^2/NDF : 822.7/15

Right Out: 43.957 ± 1.603 χ^2/NDF : 534.3/18

Left In: -5.963 ± 0.763 χ^2/NDF : 695.9/14

Left: -4.201 ± 0.540 χ^2/NDF : 1529.3/30

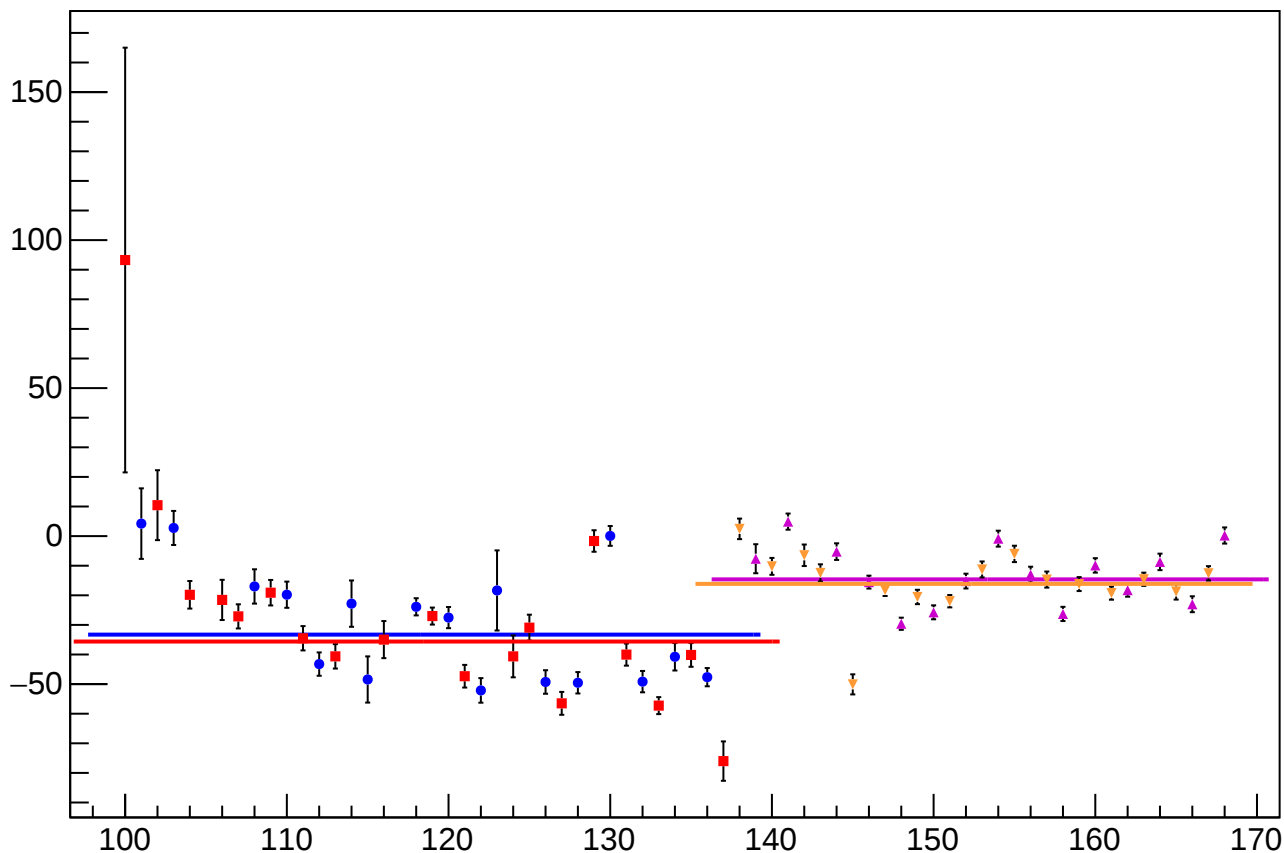
Right: 47.092 ± 1.157 χ^2/NDF : 905.5/35

In: 3.780 ± 0.694 χ^2/NDF : 2003.8/31

Out: 6.174 ± 0.690 χ^2/NDF : 2039.0/34

All: 4.983 ± 0.489 χ^2/NDF : 4048.8/66

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.139 ± 0.641 χ^2/NDF : 176.4/15

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -14.617 ± 0.657 χ^2/NDF : 240.4/14

Left: -15.397 ± 0.459 χ^2/NDF : 419.5/30

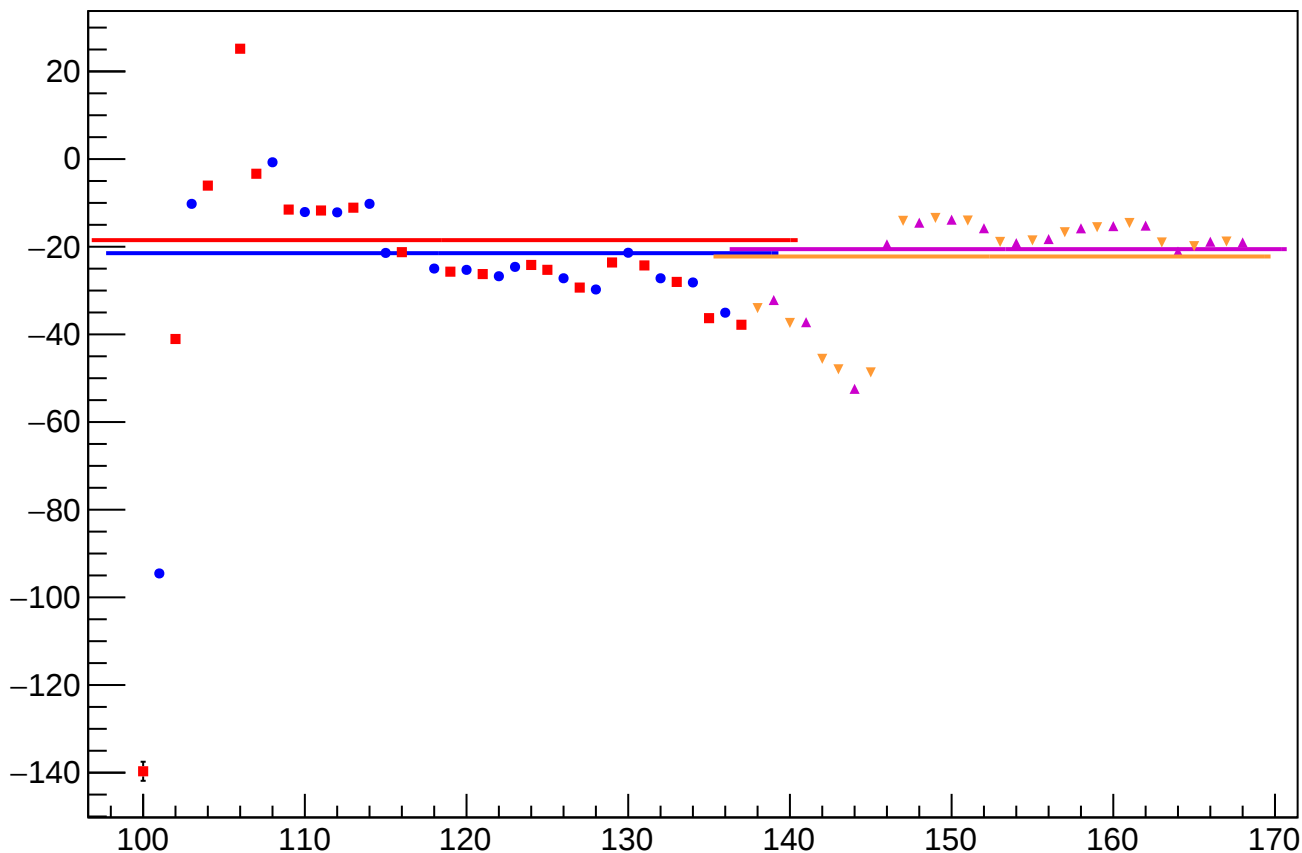
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -19.982 ± 0.555 χ^2/NDF : 765.1/31

Out: -21.878 ± 0.539 χ^2/NDF : 735.8/34

All: -20.958 ± 0.386 χ^2/NDF : 1507.0/66

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -22.228 ± 0.030 χ^2/NDF : 129812.4/15

Right Out: -18.496 ± 0.057 χ^2/NDF : 80700.9/18

Left In: -20.550 ± 0.030 χ^2/NDF : 84411.3/14

Left: -21.386 ± 0.021 χ^2/NDF : 215785.4/30

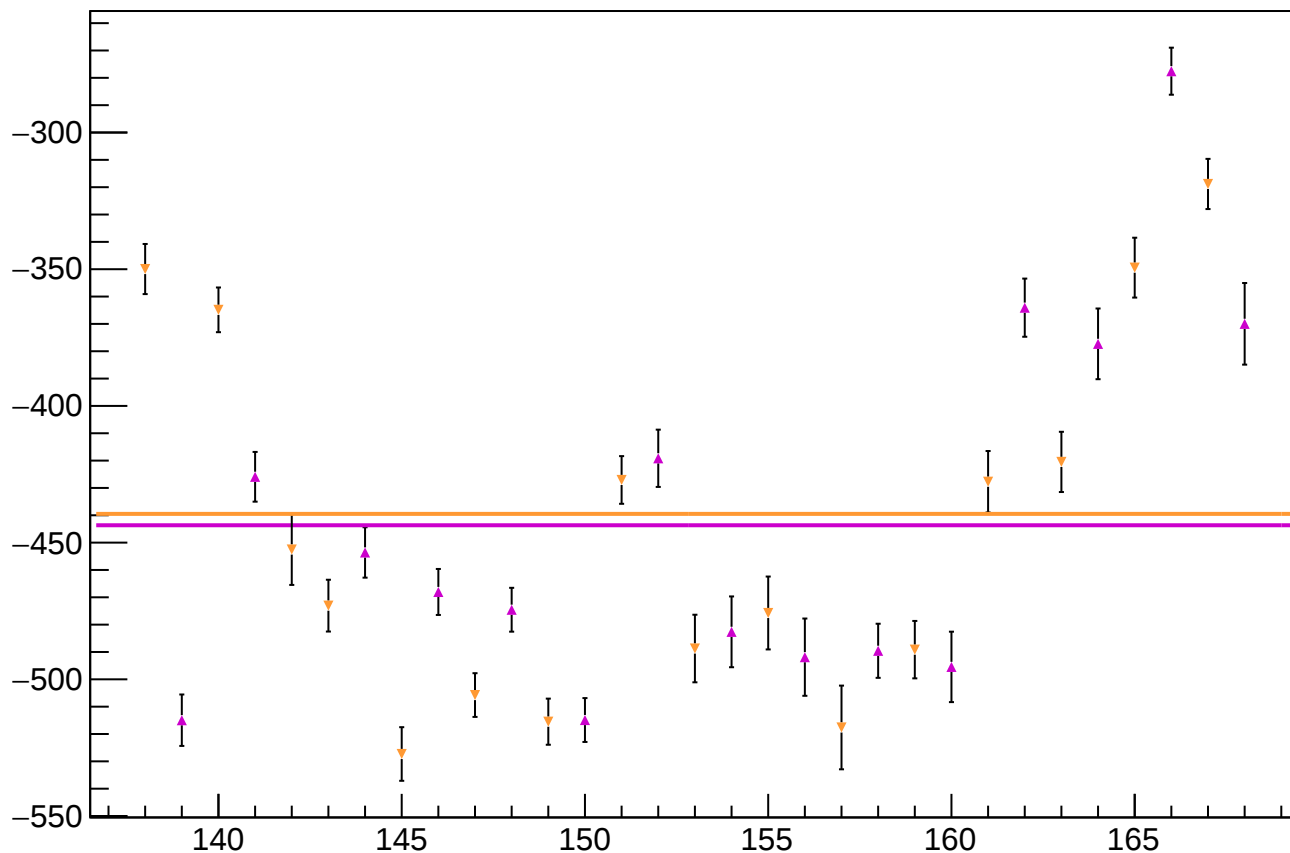
Right: -19.947 ± 0.041 χ^2/NDF : 130991.7/35

In: -20.739 ± 0.027 χ^2/NDF : 133585.2/31

Out: -21.423 ± 0.027 χ^2/NDF : 213833.3/34

All: -21.082 ± 0.019 χ^2/NDF : 347746.6/66

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

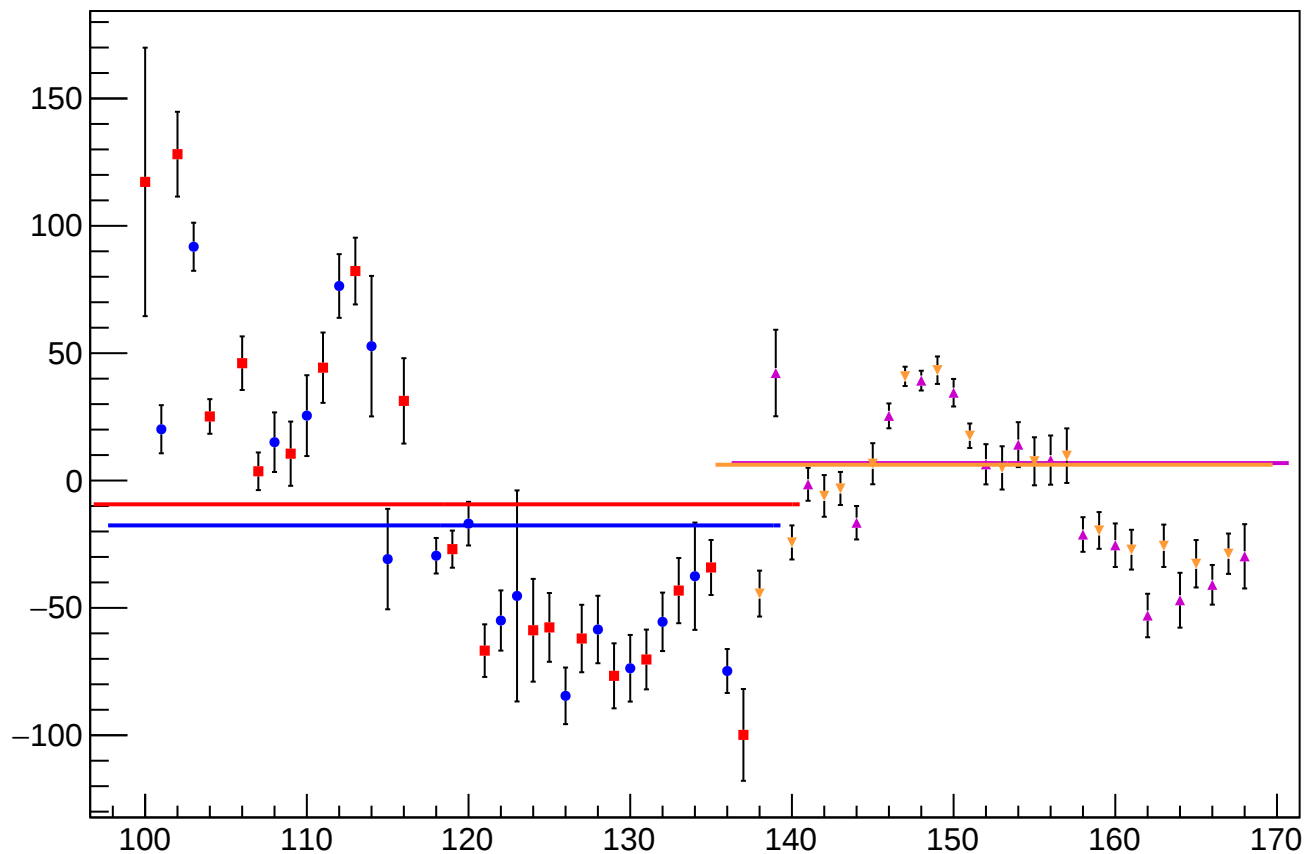
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 6.853 ± 1.787 $\chi^2/\text{NDF}: 280.8/14$

Left: 6.513 ± 1.231 $\chi^2/\text{NDF}: 557.0/30$

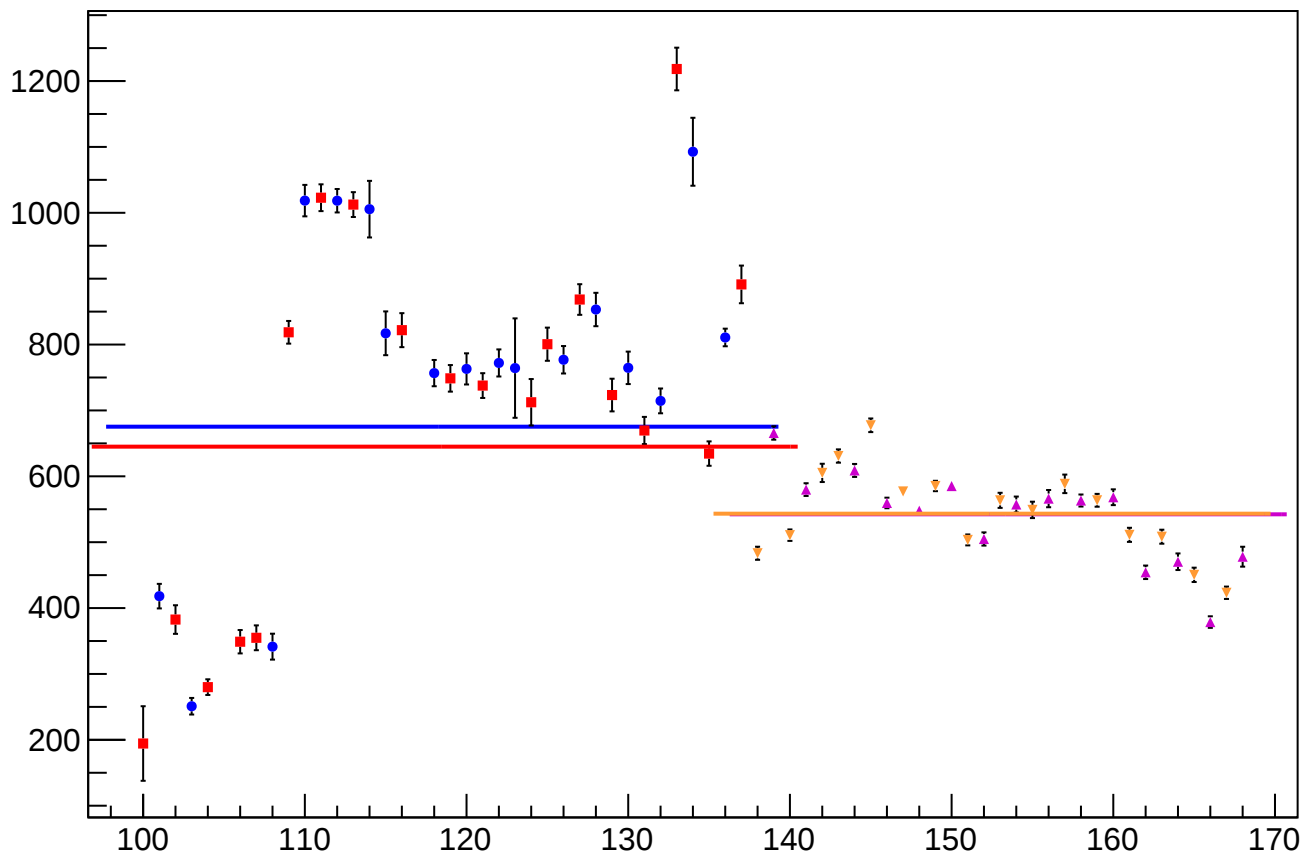
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -0.282 ± 1.504 $\chi^2/\text{NDF}: 697.5/31$

Out: 1.589 ± 1.423 $\chi^2/\text{NDF}: 667.5/34$

All: 0.706 ± 1.034 $\chi^2/\text{NDF}: 1365.8/66$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 543.273+/-2.475 χ^2/NDF : 659.6/15

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 542.317+/-2.528 χ^2/NDF : 747.2/14

Left: 542.805+/-1.769 χ^2/NDF : 1406.8/30

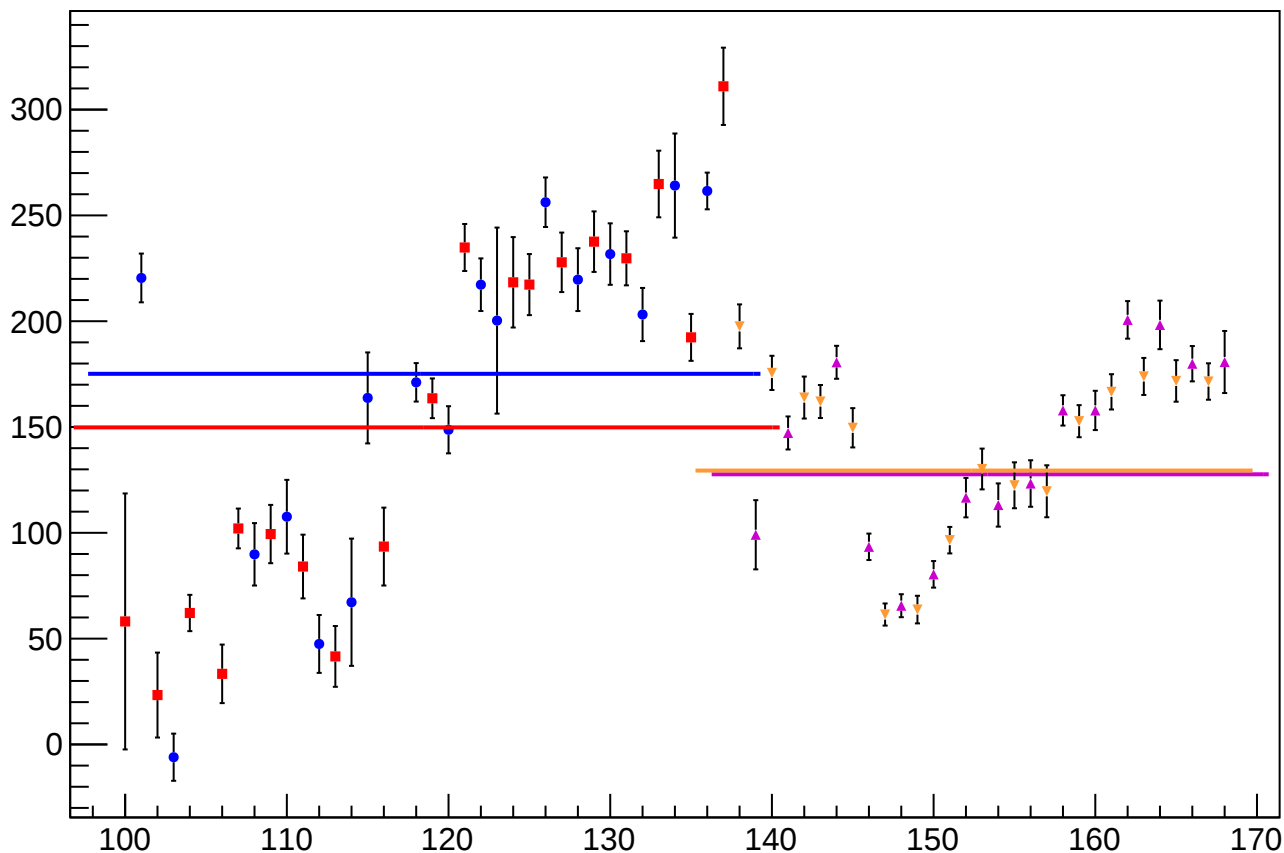
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 569.010+/-2.260 χ^2/NDF : 3885.4/31

Out: 564.946+/-2.196 χ^2/NDF : 4142.3/34

All: 566.919+/-1.575 χ^2/NDF : 8029.4/66

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2/NDF : 635.6/16

Left Out: 129.431 $\pm$ 2.029 χ^2/NDF :507.3/15

Right Out: 149.822 $\pm$ 3.041 χ^2/NDF : 688.5/18

Left In: 127.658 $\pm$ 2.126 χ^2/NDF :462.6/14

Left: 128.586 $\pm$ 1.468 χ^2/NDF : 970.2/30

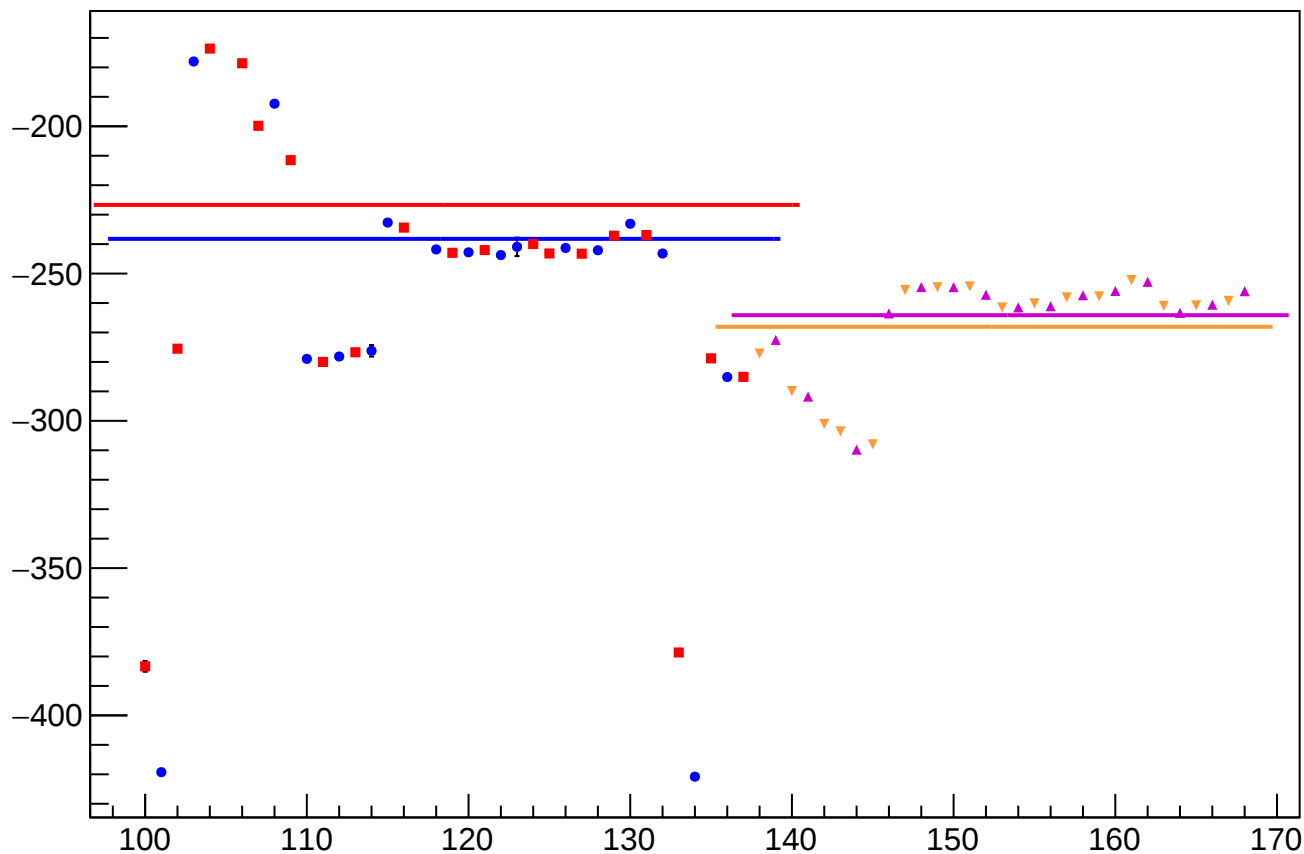
Right: 161.803 $\pm$ 2.208 χ^2/NDF : 1356.9/35

In: 142.140 $\pm$ 1.772 χ^2/NDF :1250.4/31

Out: 135.709 $\pm$ 1.688 χ^2/NDF :1226.9/34

All: 138.767 $\pm$ 1.222 χ^2/NDF : 2484.1/66

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 ± 0.160 χ^2/NDF : 167098.2/16

Left Out: -268.068 ± 0.100 χ^2/NDF : 33283.8/15

Right Out: -226.696 ± 0.151 χ^2/NDF : 102814.8/18

Left In: -264.134 ± 0.101 χ^2/NDF : 20774.1/14

Left: -266.133 ± 0.071 χ^2/NDF : 54822.8/30

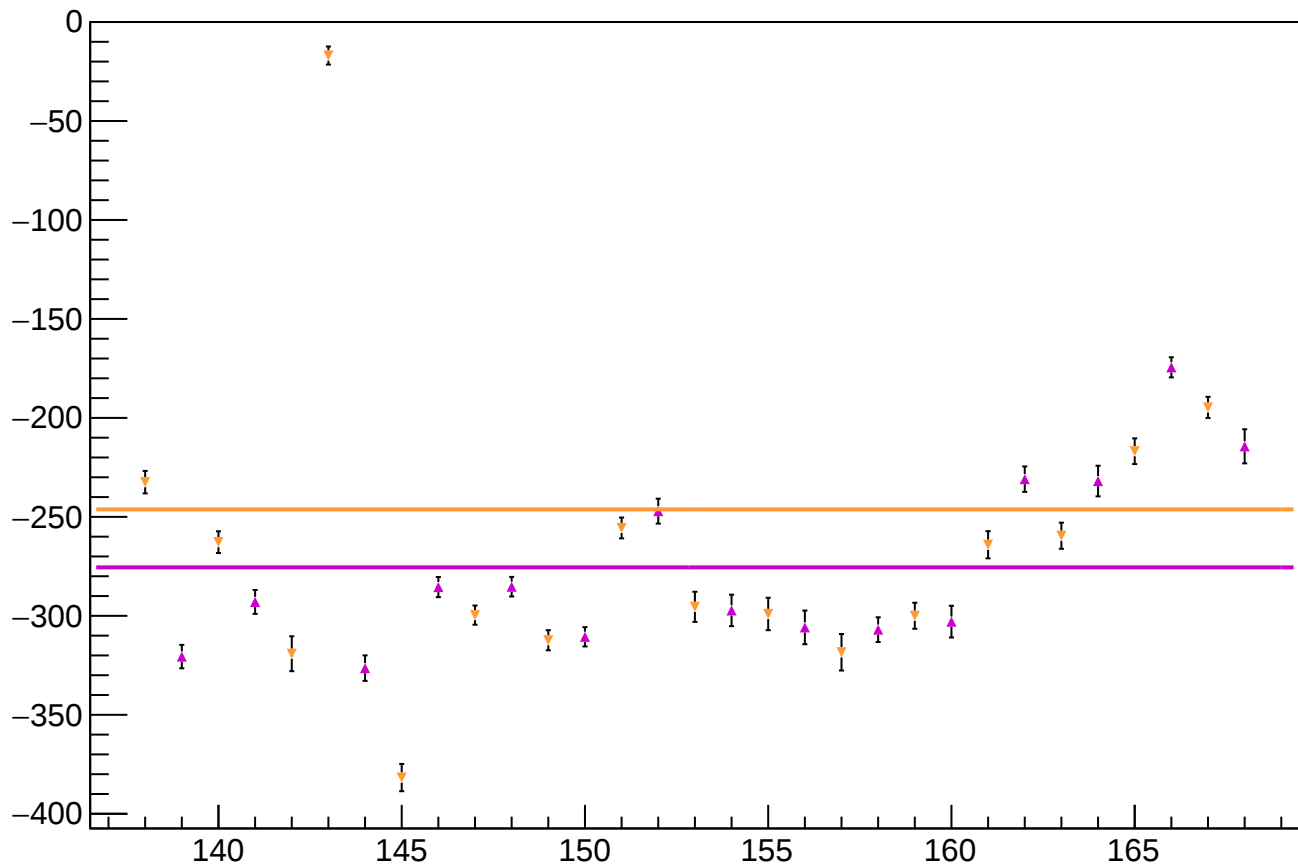
Right: -232.123 ± 0.110 χ^2/NDF : 272653.1/35

In: -256.710 ± 0.086 χ^2/NDF : 206579.9/31

Out: -255.504 ± 0.083 χ^2/NDF : 188333.5/34

All: -256.090 ± 0.060 χ^2/NDF : 395015.3/66

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

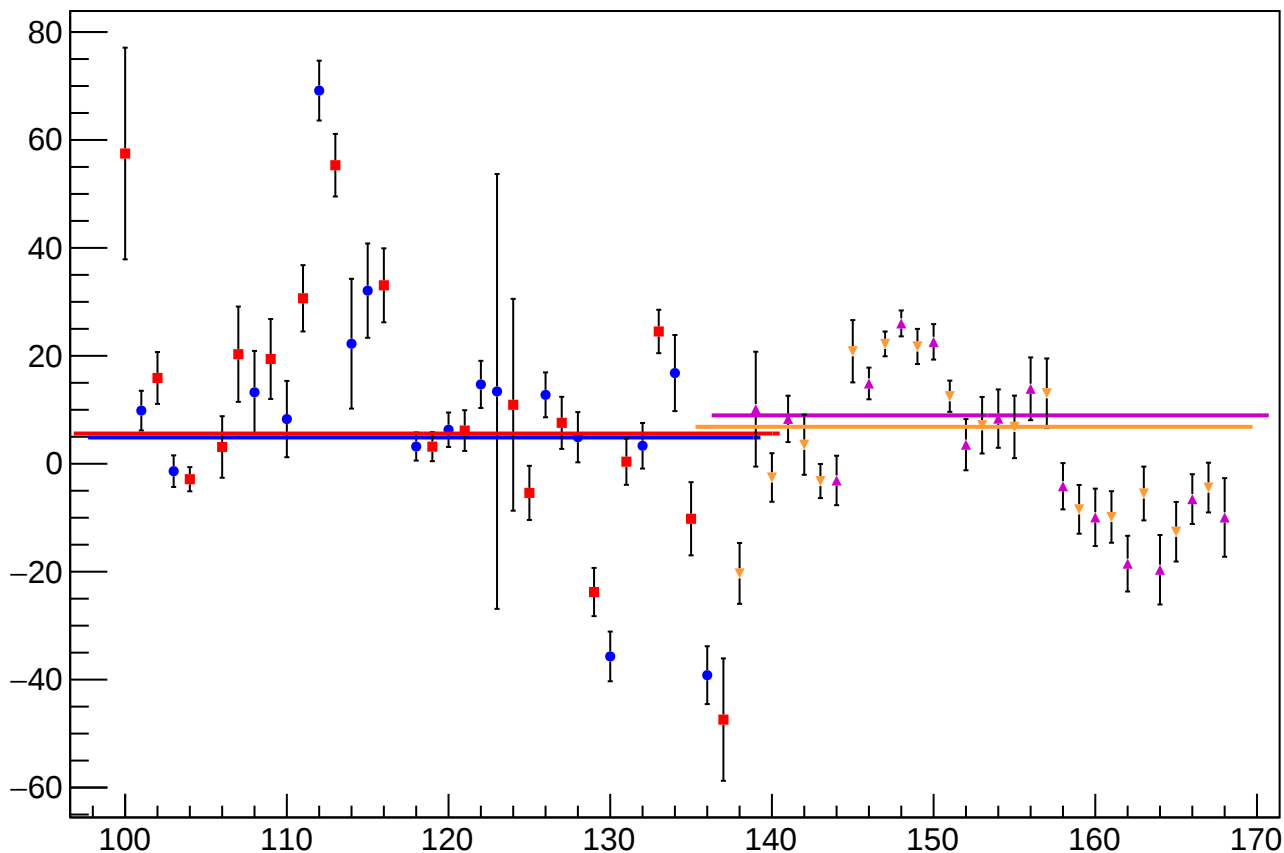
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 8.968 ± 1.105 χ^2/NDF : 168.8/14

Left: 7.828 ± 0.752 χ^2/NDF : 333.4/30

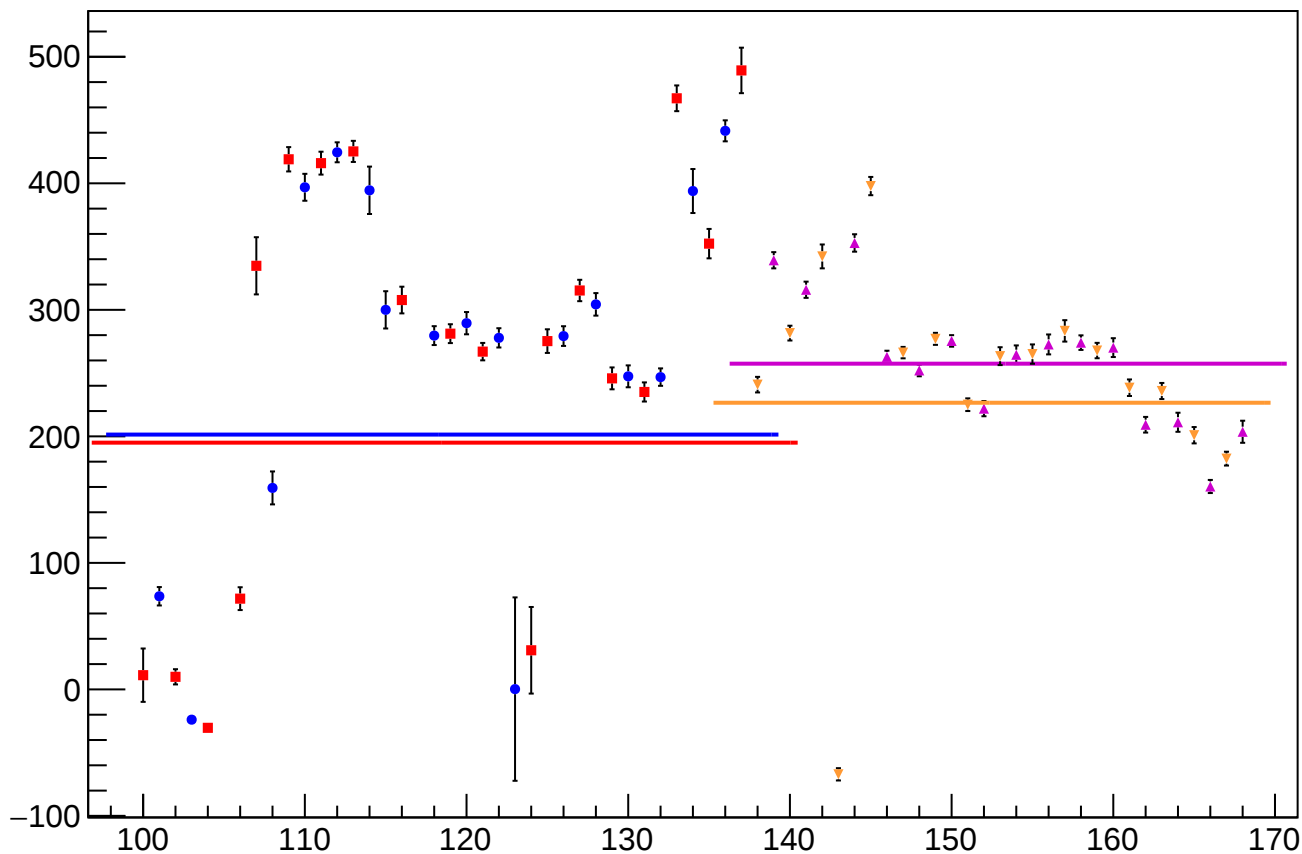
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 6.891 ± 0.776 χ^2/NDF : 487.3/31

Out: 6.251 ± 0.740 χ^2/NDF : 401.9/34

All: 6.556 ± 0.536 χ^2/NDF : 889.5/66

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2/NDF : 6740.4/16

Left Out: 226.575 $\pm$ 1.499 χ^2/NDF : 4866.9/15

Right Out: 195.024 $\pm$ 1.923 χ^2/NDF : 8254.7/18

Left In: 257.444 $\pm$ 1.560 χ^2/NDF : 993.9/14

Left: 241.397 $\pm$ 1.081 χ^2/NDF : 6064.4/30

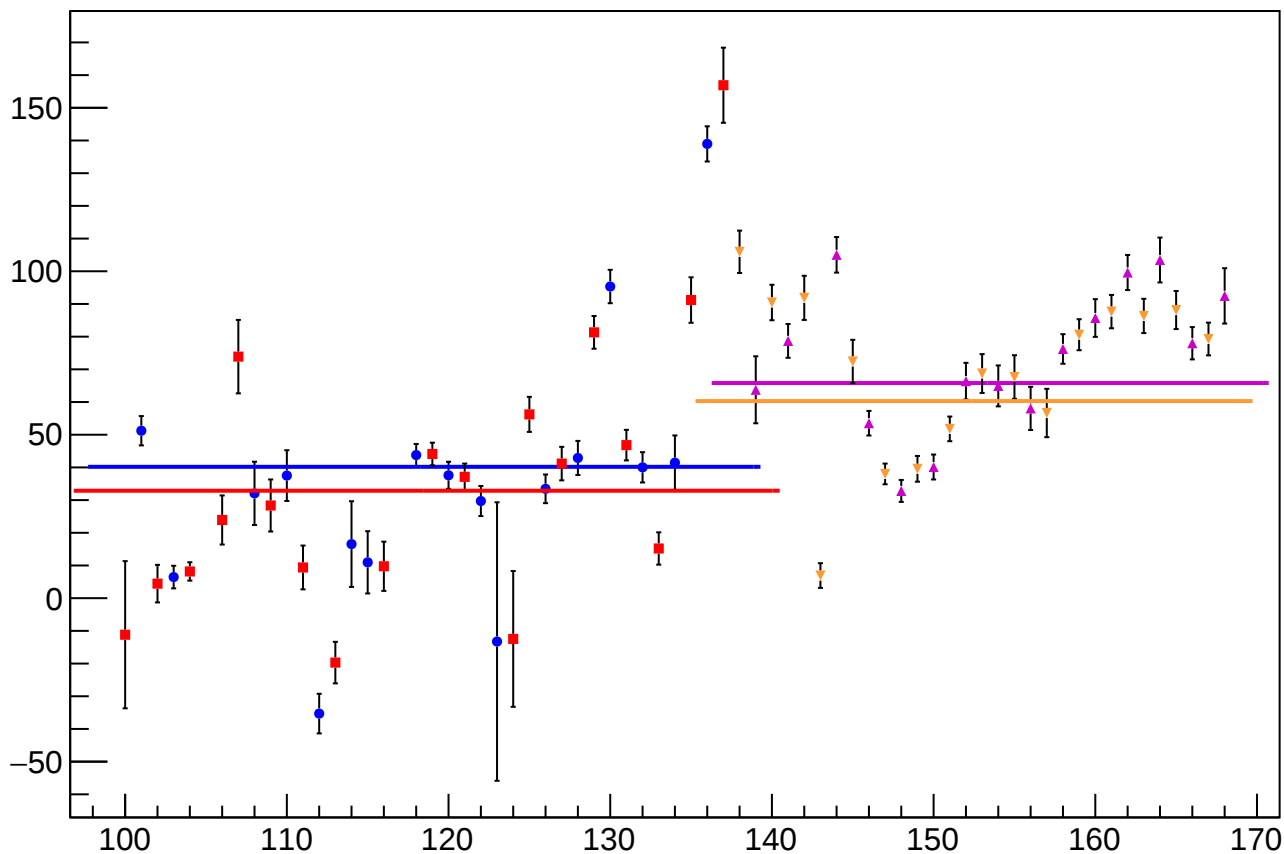
Right: 198.133 $\pm$ 1.377 χ^2/NDF : 15000.5/35

In: 235.896 $\pm$ 1.224 χ^2/NDF : 8230.5/31

Out: 214.648 $\pm$ 1.182 χ^2/NDF : 13289.0/34

All: 224.906 $\pm$ 0.850 χ^2/NDF : 21675.4/66

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: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 65.811 ± 1.315 $\chi^2/\text{NDF}: 315.2/14$

Left: 62.860 ± 0.897 $\chi^2/\text{NDF}: 824.7/30$

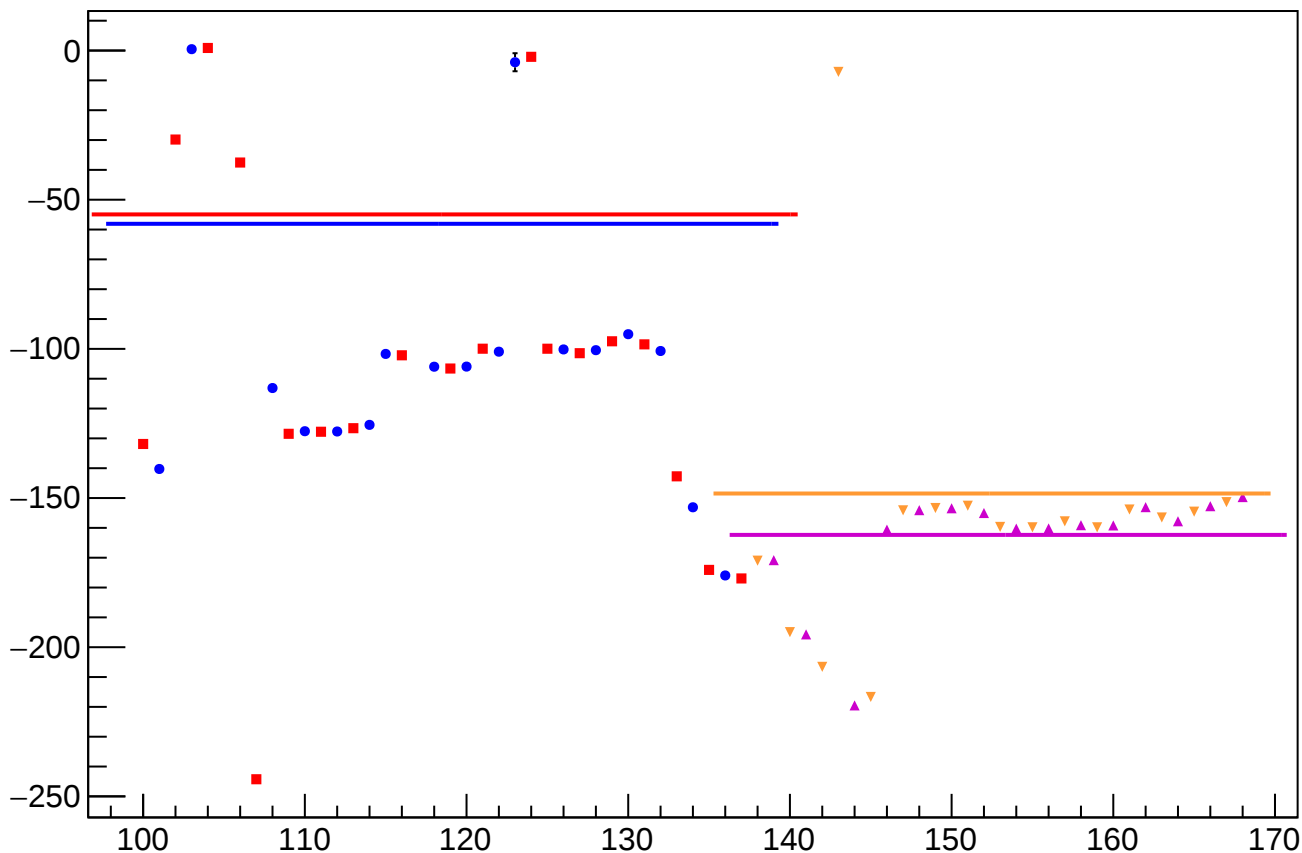
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 52.553 ± 0.913 $\chi^2/\text{NDF}: 1245.8/31$

Out: 46.856 ± 0.876 $\chi^2/\text{NDF}: 1296.2/34$

All: 49.584 ± 0.632 $\chi^2/\text{NDF}: 2562.3/66$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -148.481 ± 0.060 $\chi^2/\text{NDF}: 656912.1/15$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -162.353 ± 0.063 $\chi^2/\text{NDF}: 63994.9/14$

Left: -155.170 ± 0.043 $\chi^2/\text{NDF}: 746351.3/30$

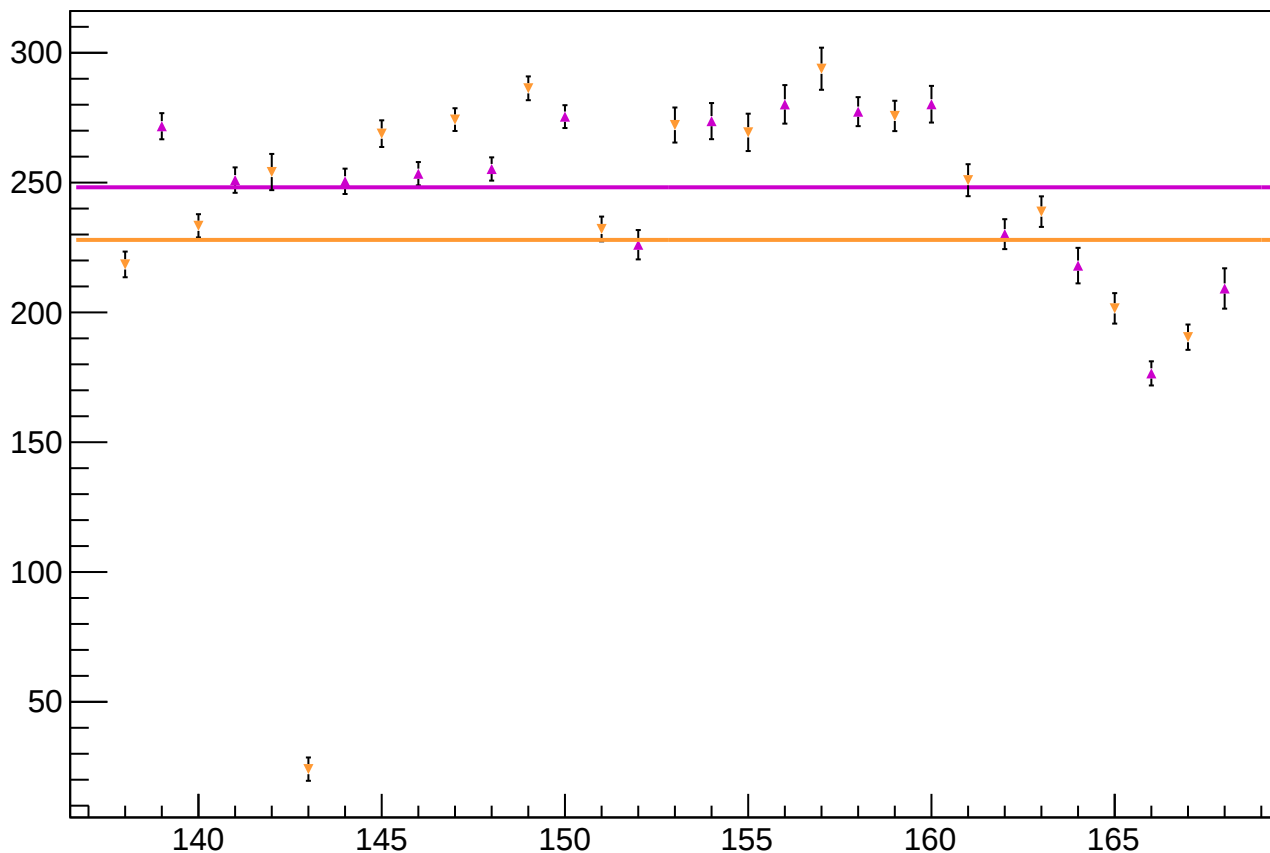
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -109.411 ± 0.044 $\chi^2/\text{NDF}: 2578181.2/31$

Out: -101.560 ± 0.043 $\chi^2/\text{NDF}: 2864494.6/34$

All: -105.370 ± 0.031 $\chi^2/\text{NDF}: 5459132.5/66$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 227.927 $\pm$ 1.343 χ^2 /NDF:2723.2/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 248.190 $\pm$ 1.400 χ^2 /NDF:451.4/14

Left: 237.640 $\pm$ 0.969 χ^2 /NDF: 3283.7/30

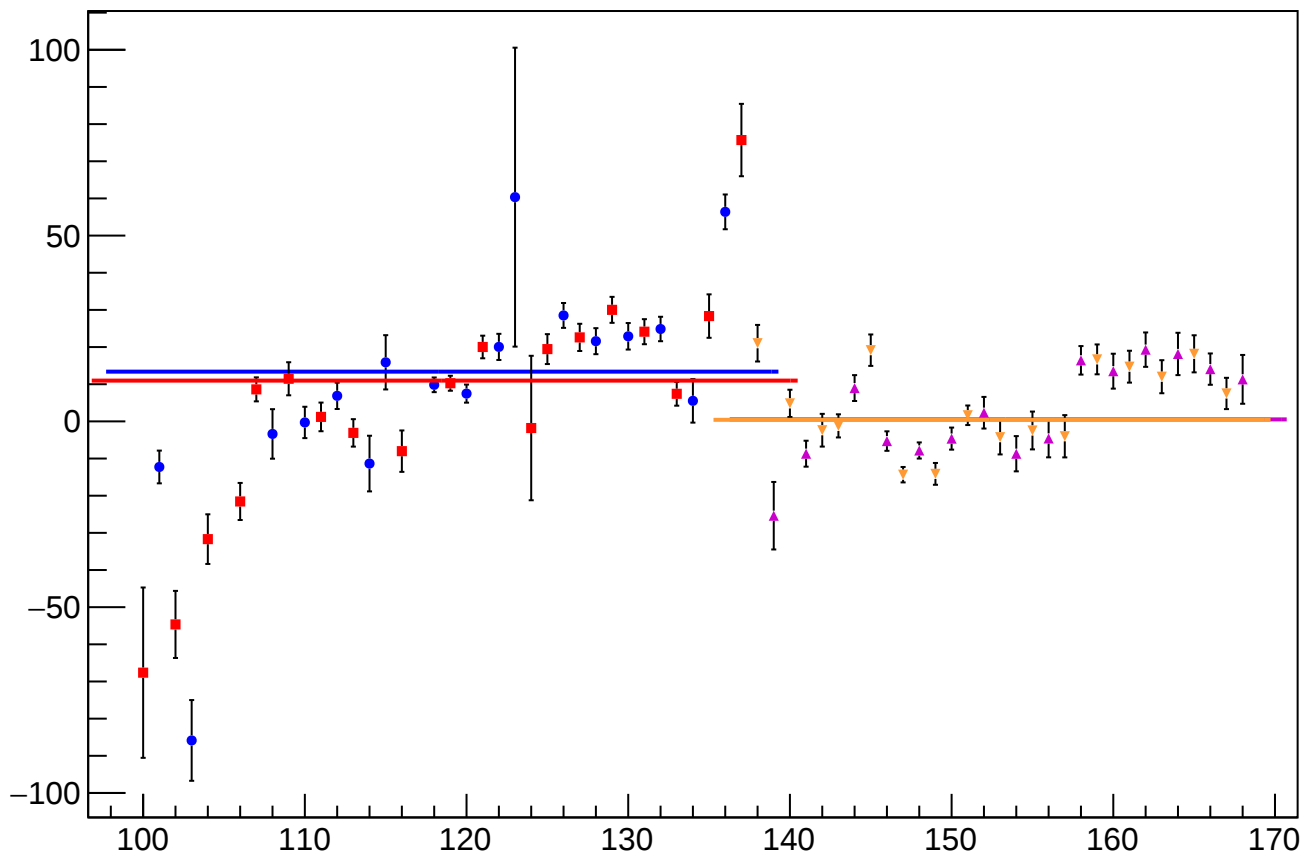
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 248.190 $\pm$ 1.400 χ^2 /NDF:451.4/14

Out: 227.927 $\pm$ 1.343 χ^2 /NDF:2723.2/15

All: 237.640 $\pm$ 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: 10.975+/-0.915 χ^2/NDF : 304.0/18

Left In: 0.536+/-0.973 χ^2/NDF : 112.6/14

Left: 0.475+/-0.666 χ^2/NDF : 279.0/30

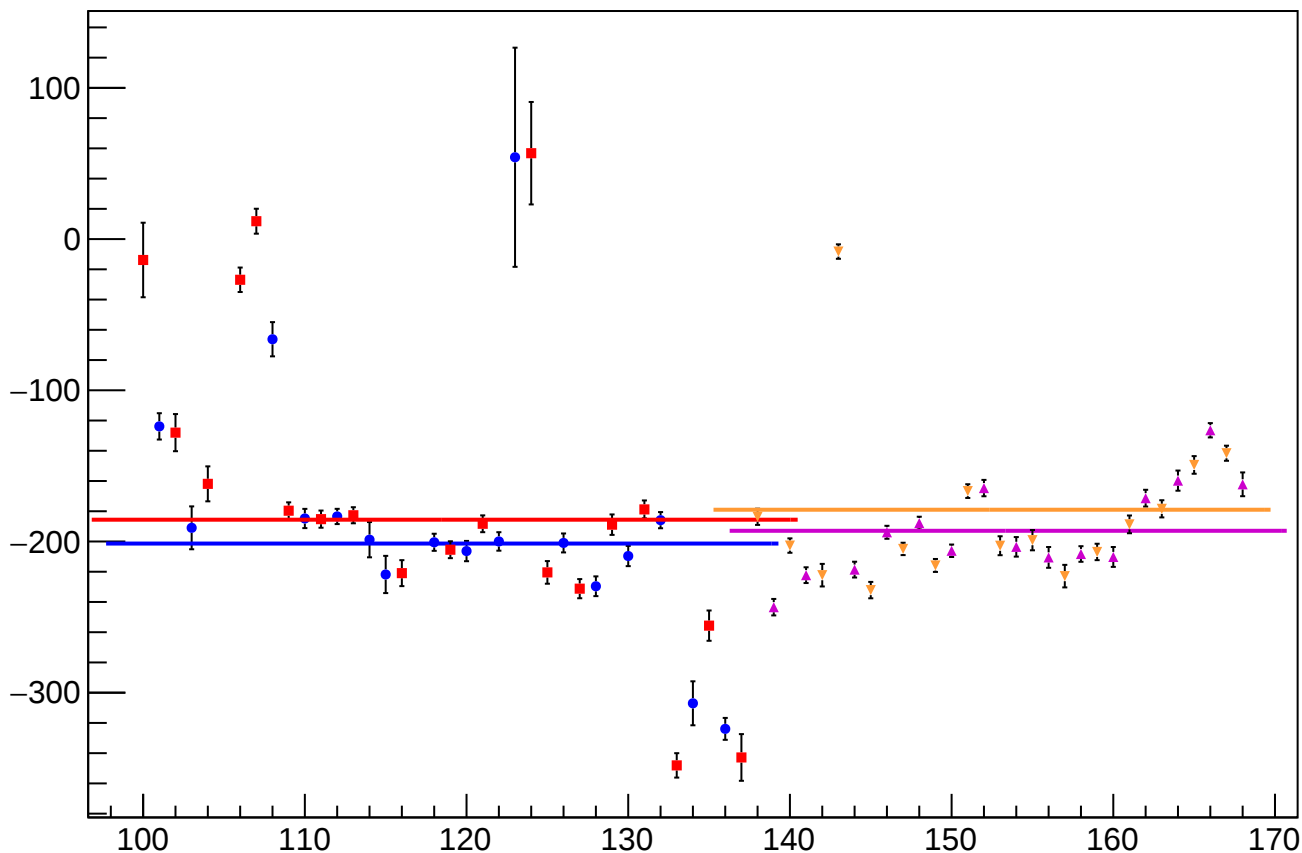
Right: 12.172+/-0.649 χ^2/NDF : 601.5/35

In: 7.312+/-0.669 χ^2/NDF : 498.6/31

Out: 5.692+/-0.646 χ^2/NDF : 537.0/34

All: 6.475+/-0.465 χ^2/NDF : 1038.7/66

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -178.996 ± 1.329 χ^2/NDF : 1715.9/15

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -192.927 ± 1.370 χ^2/NDF : 458.1/14

Left: -185.750 ± 0.954 χ^2/NDF : 2227.3/30

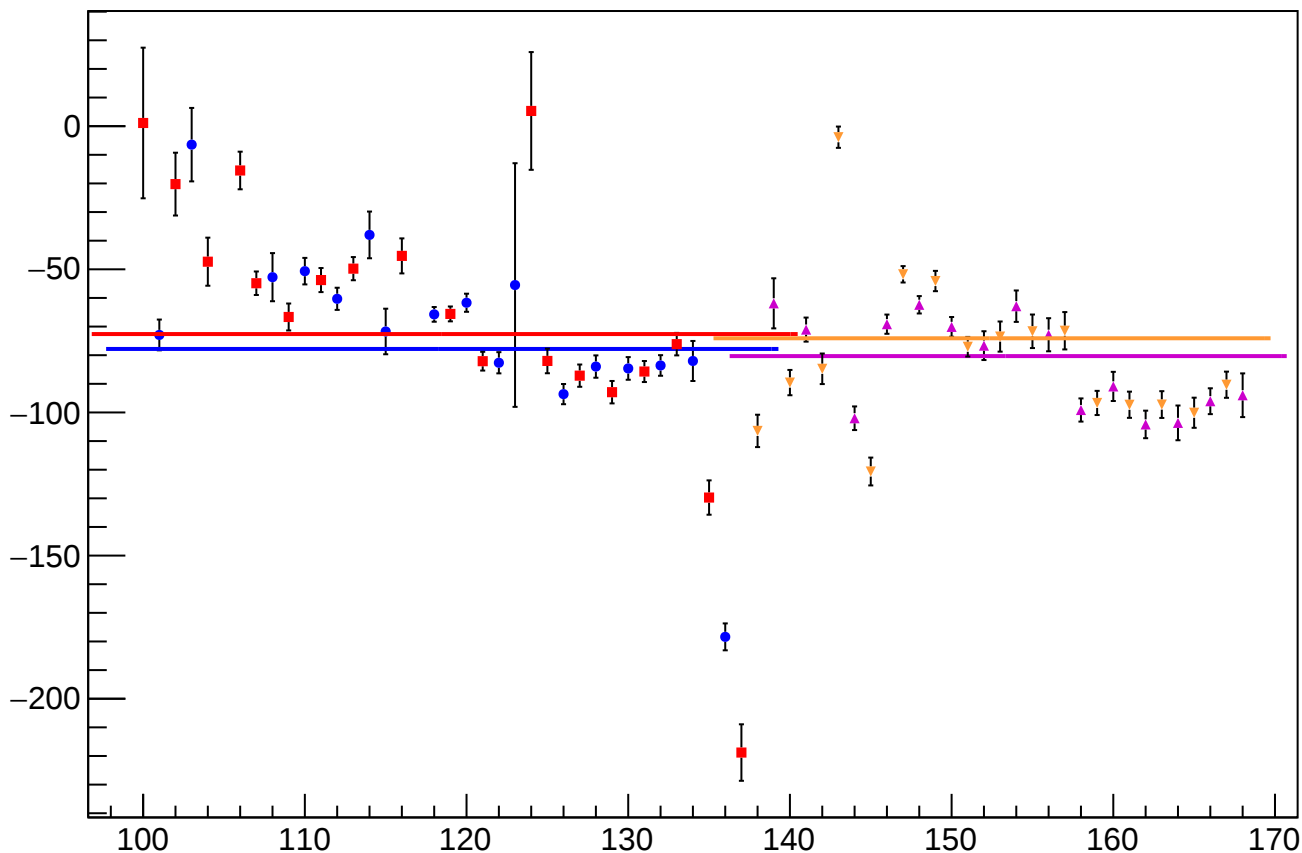
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -196.059 ± 1.086 χ^2/NDF : 1097.1/31

Out: -181.498 ± 1.047 χ^2/NDF : 3473.5/34

All: -188.508 ± 0.754 χ^2/NDF : 4663.8/66

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16

Left Out: -74.091 $\pm$ 1.091 χ^2/NDF :706.8/15

Right Out: -72.616 $\pm$ 1.053 χ^2/NDF : 606.8/18

Left In: -80.314 $\pm$ 1.156 χ^2/NDF :184.6/14

Left: -77.022 $\pm$ 0.793 χ^2/NDF : 906.7/30

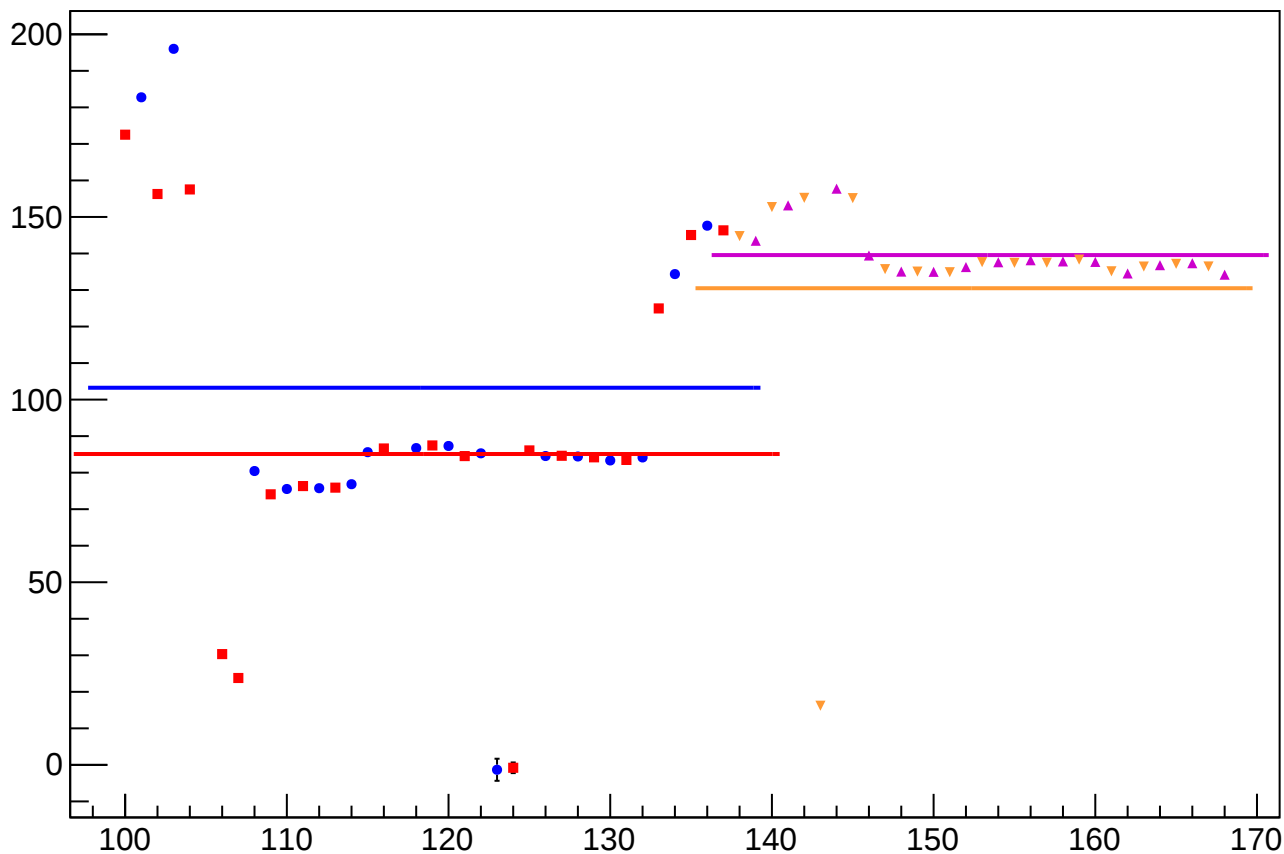
Right: -75.179 $\pm$ 0.750 χ^2/NDF : 1275.2/35

In: -78.968 $\pm$ 0.784 χ^2/NDF :843.5/31

Out: -73.327 $\pm$ 0.757 χ^2/NDF :1314.6/34

All: -76.049 $\pm$ 0.545 χ^2/NDF : 2184.8/66

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 130.489 $\pm$ 0.053 χ^2 /NDF: 398318.6/15

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 139.566 $\pm$ 0.055 χ^2 /NDF: 13802.2/14

Left: 134.905 $\pm$ 0.038 χ^2 /NDF: 426139.2/30

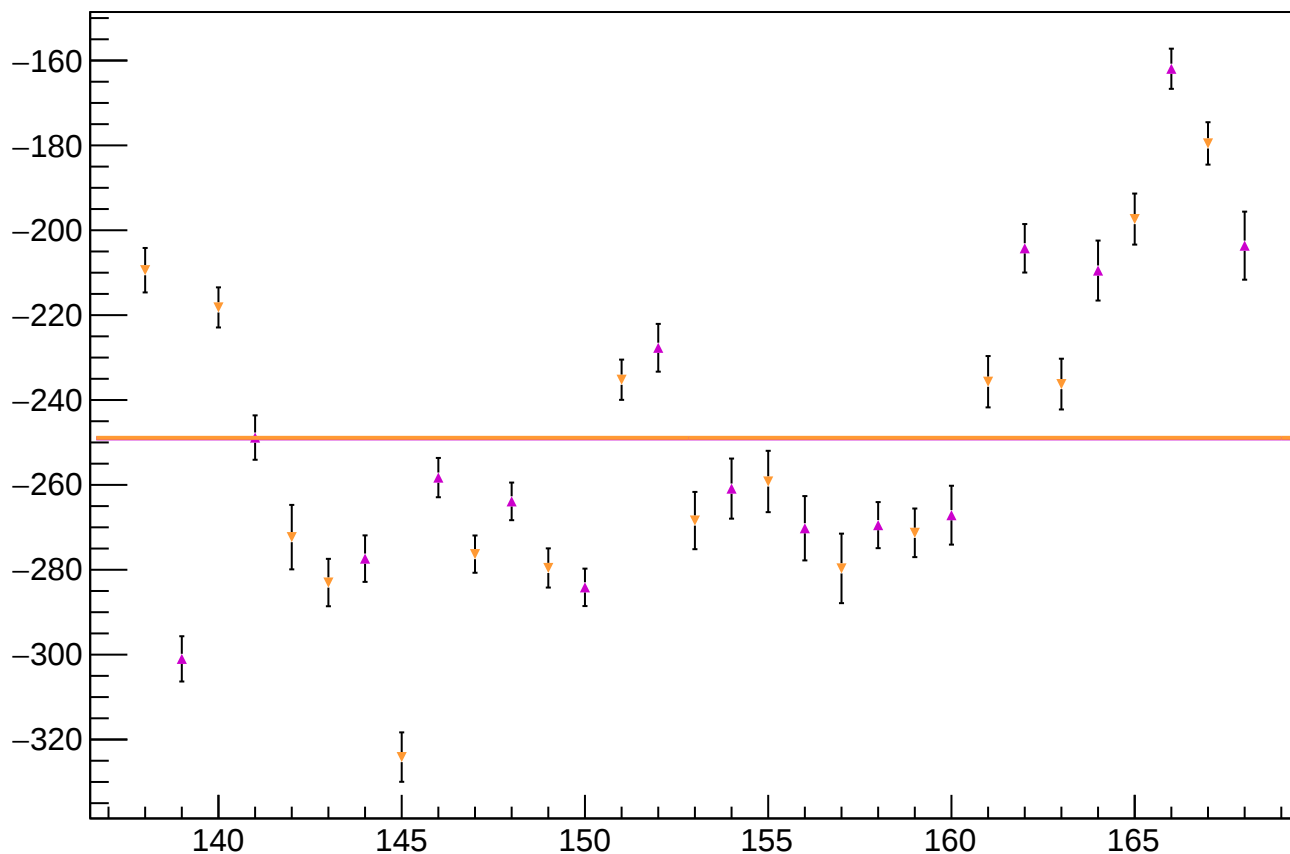
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 125.835 $\pm$ 0.043 χ^2 /NDF: 452437.3/31

Out: 111.732 $\pm$ 0.041 χ^2 /NDF: 1119570.3/34

All: 118.388 $\pm$ 0.030 χ^2 /NDF: 1627965.5/66

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

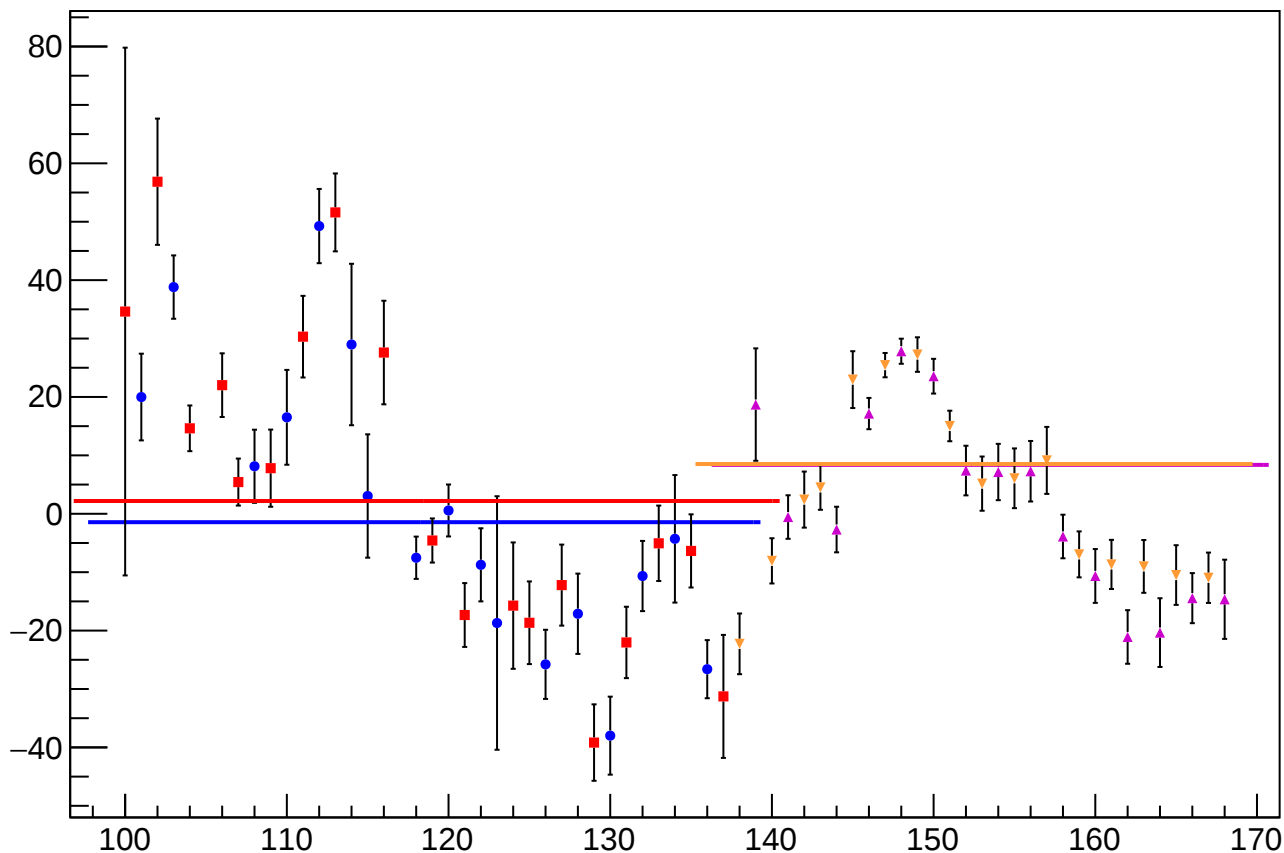
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 8.517 ± 0.942 $\chi^2/\text{NDF}: 259.8/15$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 8.370 ± 0.988 $\chi^2/\text{NDF}: 266.5/14$

Left: 8.447 ± 0.682 $\chi^2/\text{NDF}: 526.3/30$

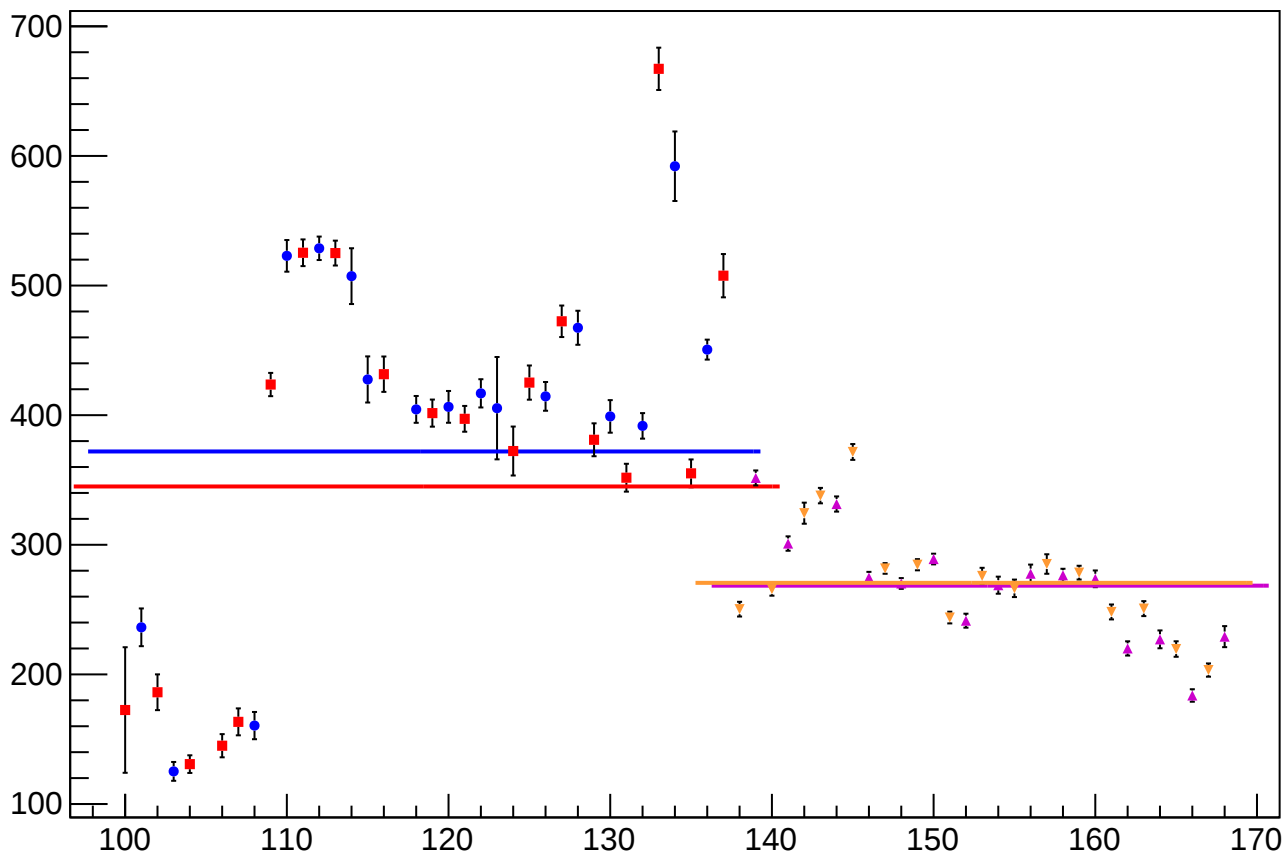
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 5.446 ± 0.828 $\chi^2/\text{NDF}: 520.4/31$

Out: 6.545 ± 0.782 $\chi^2/\text{NDF}: 504.5/34$

All: 6.027 ± 0.568 $\chi^2/\text{NDF}: 1025.8/66$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 270.634 $\pm$ 1.374 χ^2 /NDF: 791.3/15

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 268.460 $\pm$ 1.396 χ^2 /NDF: 859.8/14

Left: 269.564 $\pm$ 0.979 χ^2 /NDF: 1652.3/30

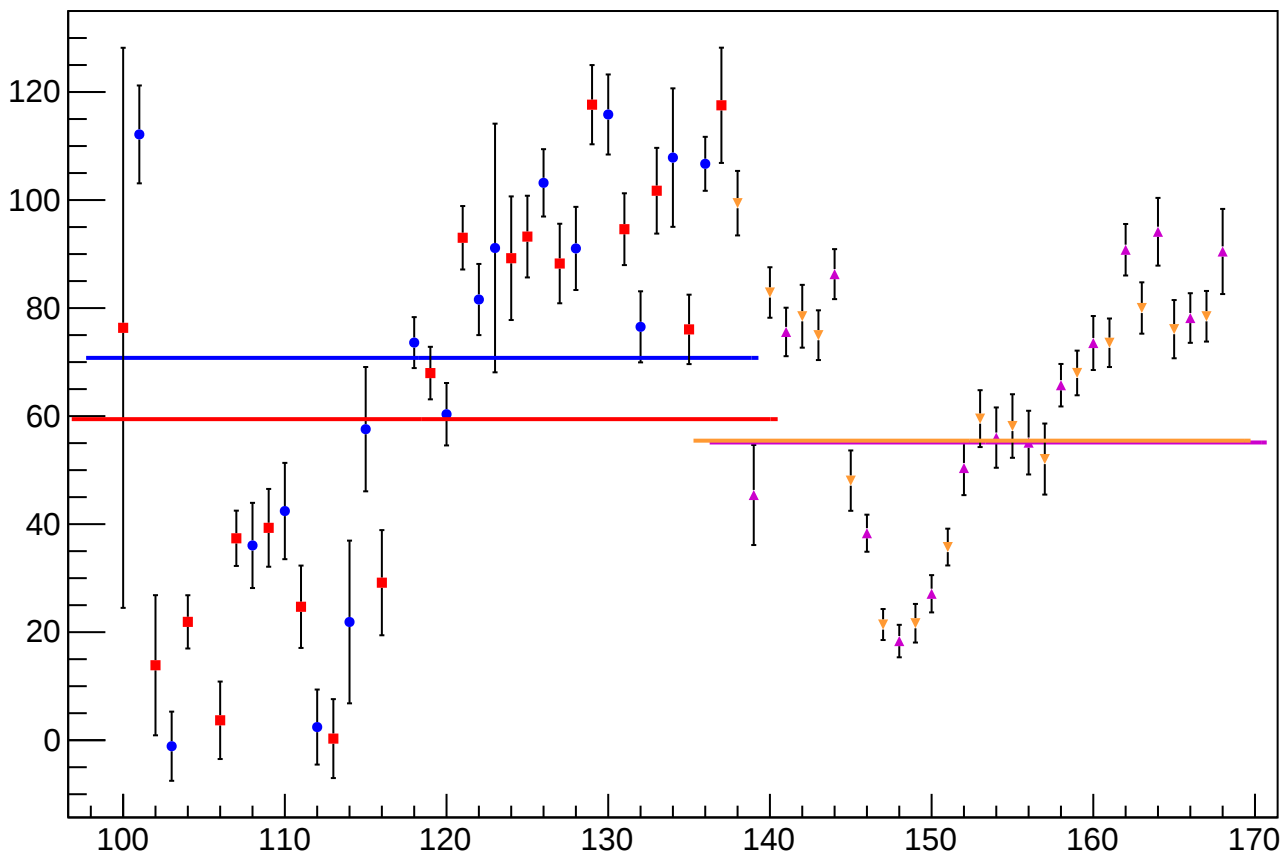
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 289.492 $\pm$ 1.246 χ^2 /NDF: 4408.5/31

Out: 287.257 $\pm$ 1.211 χ^2 /NDF: 4860.3/34

All: 288.343 $\pm$ 0.868 χ^2 /NDF: 9270.5/66

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 55.455 $\pm$ 1.126 χ^2 /NDF:479.7/15

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 55.117 $\pm$ 1.174 χ^2 /NDF:468.3/14

Left: 55.293 $\pm$ 0.813 χ^2 /NDF: 948.1/30

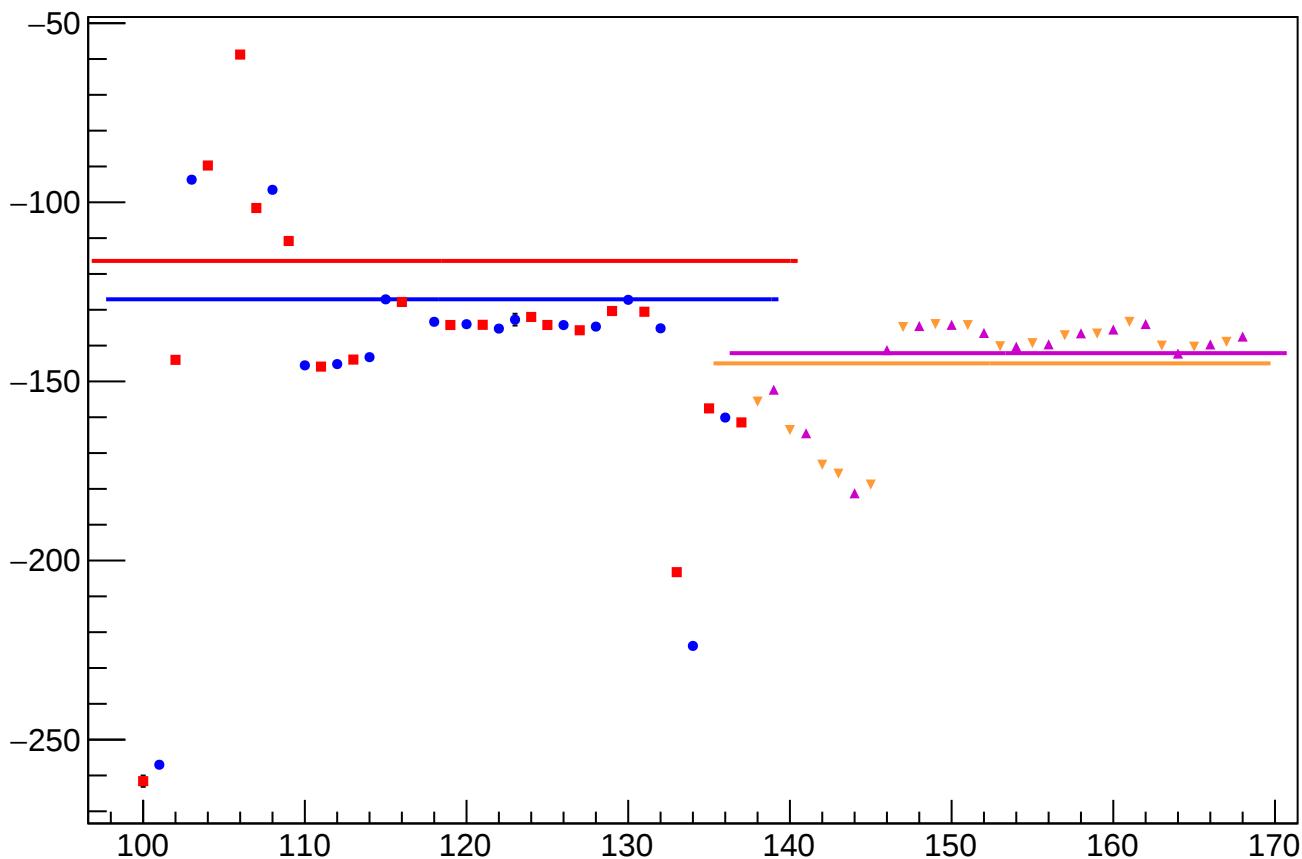
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 59.992 $\pm$ 0.974 χ^2 /NDF:947.6/31

Out: 56.740 $\pm$ 0.927 χ^2 /NDF:970.4/34

All: 58.284 $\pm$ 0.671 χ^2 /NDF: 1923.9/66

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -144.965+/-0.055 χ^2/NDF : 70583.5/15

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -142.111+/-0.056 χ^2/NDF : 43845.7/14

Left: -143.554+/-0.039 χ^2/NDF : 115745.9/30

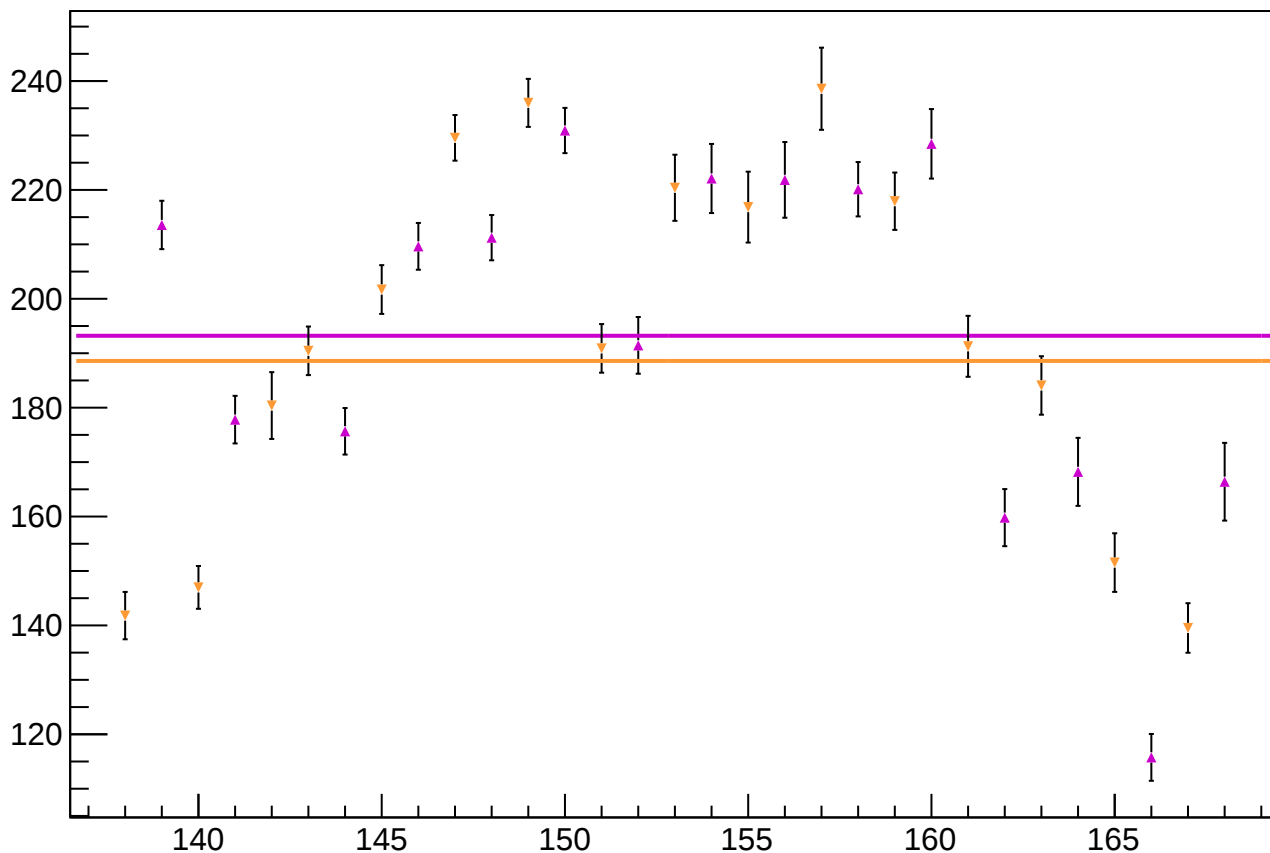
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.891+/-0.047 χ^2/NDF : 231161.8/31

Out: -136.157+/-0.046 χ^2/NDF : 320502.7/34

All: -136.998+/-0.033 χ^2/NDF : 552353.6/66

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

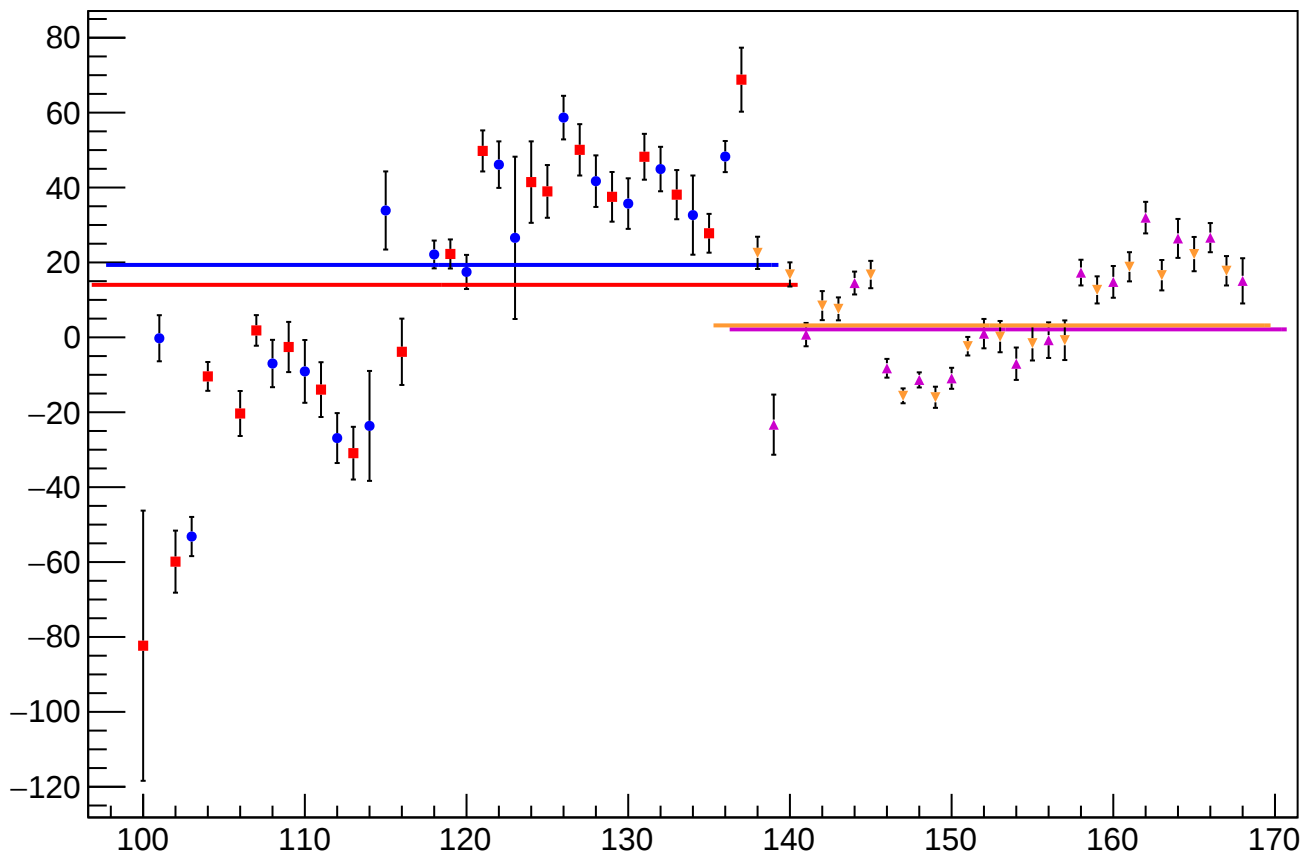
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 3.189 ± 0.846 $\chi^2/\text{NDF}: 263.9/15$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 2.130 ± 0.895 $\chi^2/\text{NDF}: 259.8/14$

Left: 2.689 ± 0.615 $\chi^2/\text{NDF}: 524.5/30$

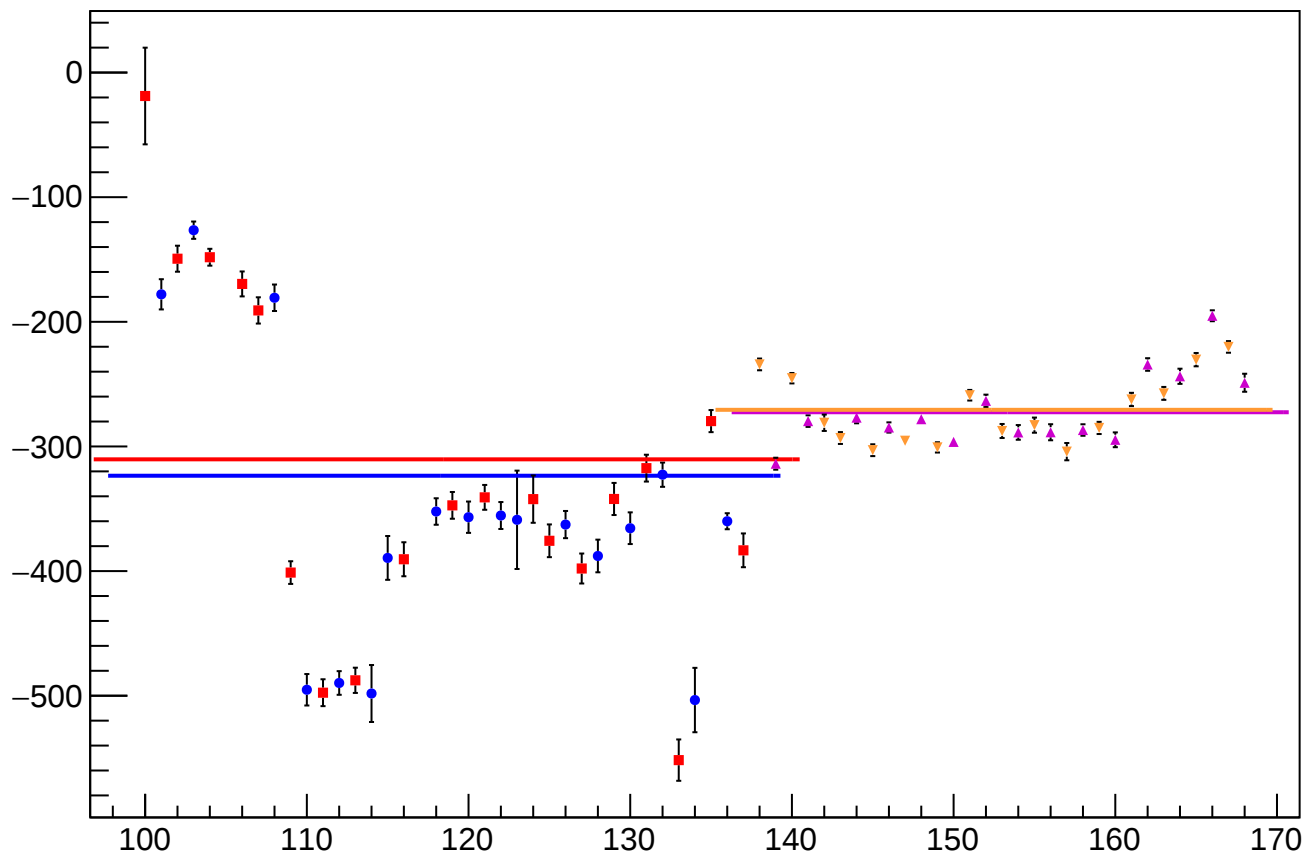
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 6.728 ± 0.766 $\chi^2/\text{NDF}: 798.4/31$

Out: 6.117 ± 0.723 $\chi^2/\text{NDF}: 741.4/34$

All: 6.405 ± 0.526 $\chi^2/\text{NDF}: 1540.1/66$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -270.606 ± 1.224 χ^2/NDF : 497.5/15

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -272.547 ± 1.256 χ^2/NDF : 568.8/14

Left: -271.552 ± 0.876 χ^2/NDF : 1067.5/30

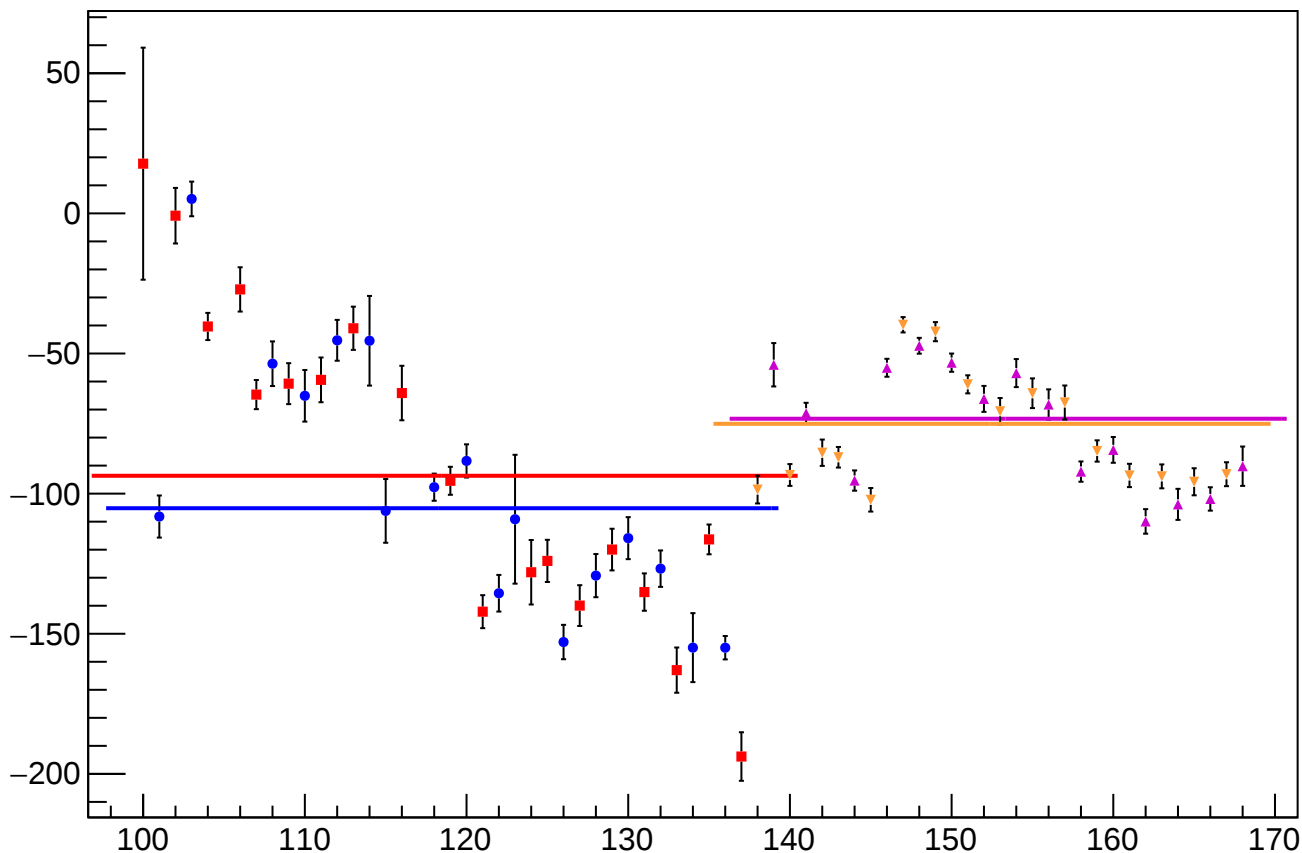
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -281.757 ± 1.136 χ^2/NDF : 2714.0/31

Out: -278.180 ± 1.101 χ^2/NDF : 2998.9/34

All: -279.912 ± 0.791 χ^2/NDF : 5718.1/66

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -75.089 ± 1.008 χ^2/NDF : 468.2/15

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -73.275 ± 1.061 χ^2/NDF : 398.9/14

Left: -74.229 ± 0.731 χ^2/NDF : 868.6/30

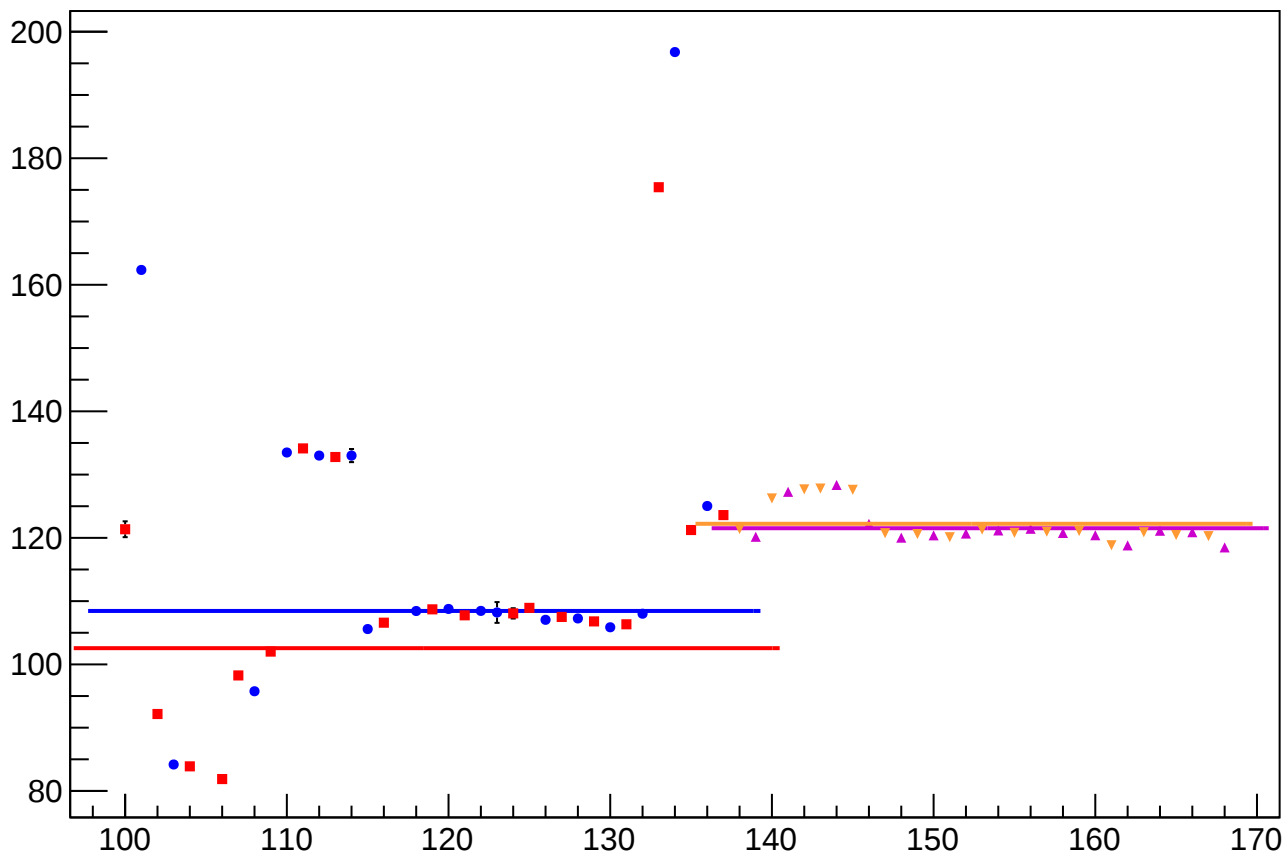
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -82.250 ± 0.900 χ^2/NDF : 1389.1/31

Out: -80.305 ± 0.854 χ^2/NDF : 1386.1/34

All: -81.227 ± 0.619 χ^2/NDF : 2777.7/66

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 122.224 $\pm$ 0.049 χ^2 /NDF:3518.7/15

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 121.523 $\pm$ 0.050 χ^2 /NDF:2699.0/14

Left: 121.881 $\pm$ 0.035 χ^2 /NDF: 6317.2/30

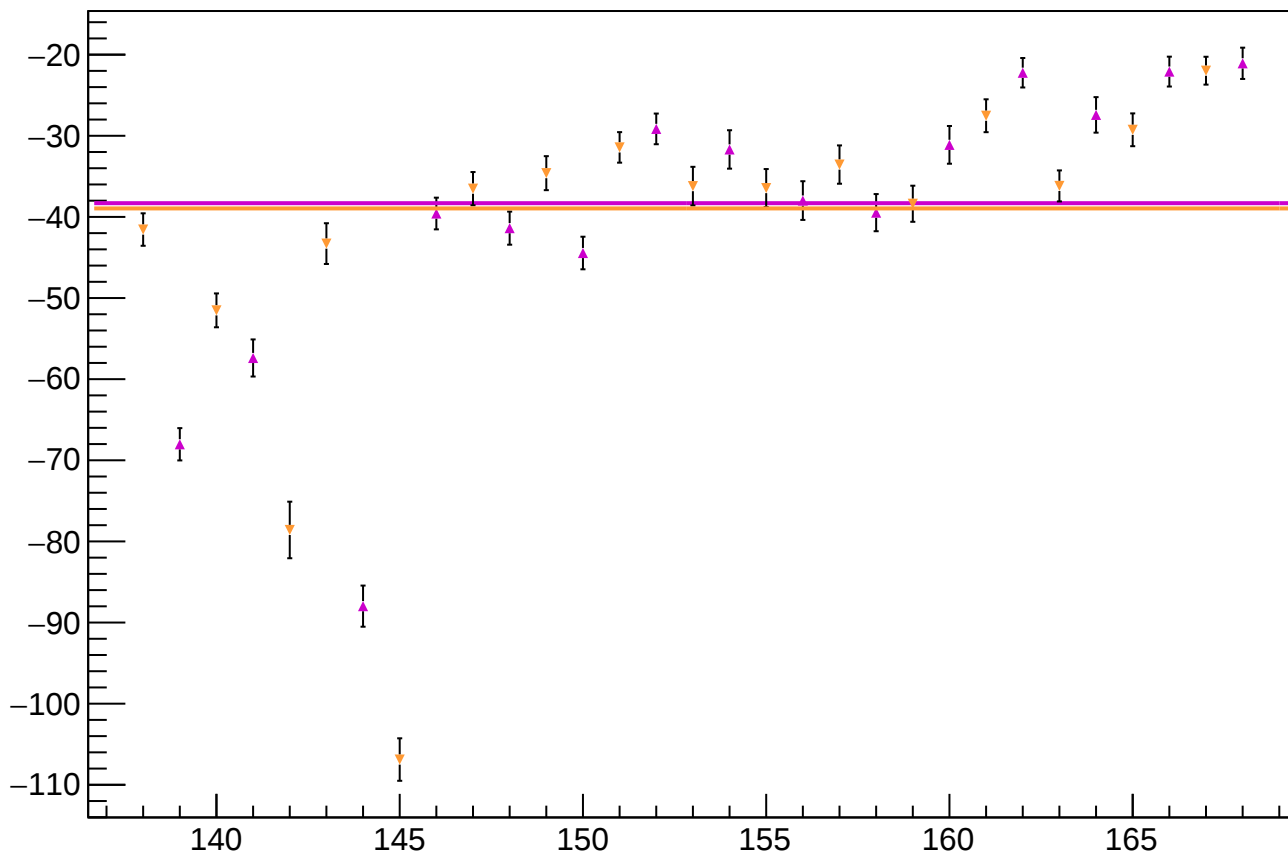
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.125 $\pm$ 0.043 χ^2 /NDF:93560.7/31

Out: 116.782 $\pm$ 0.042 χ^2 /NDF:100934.2/34

All: 117.431 $\pm$ 0.030 χ^2 /NDF: 194993.9/66

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.954+/-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

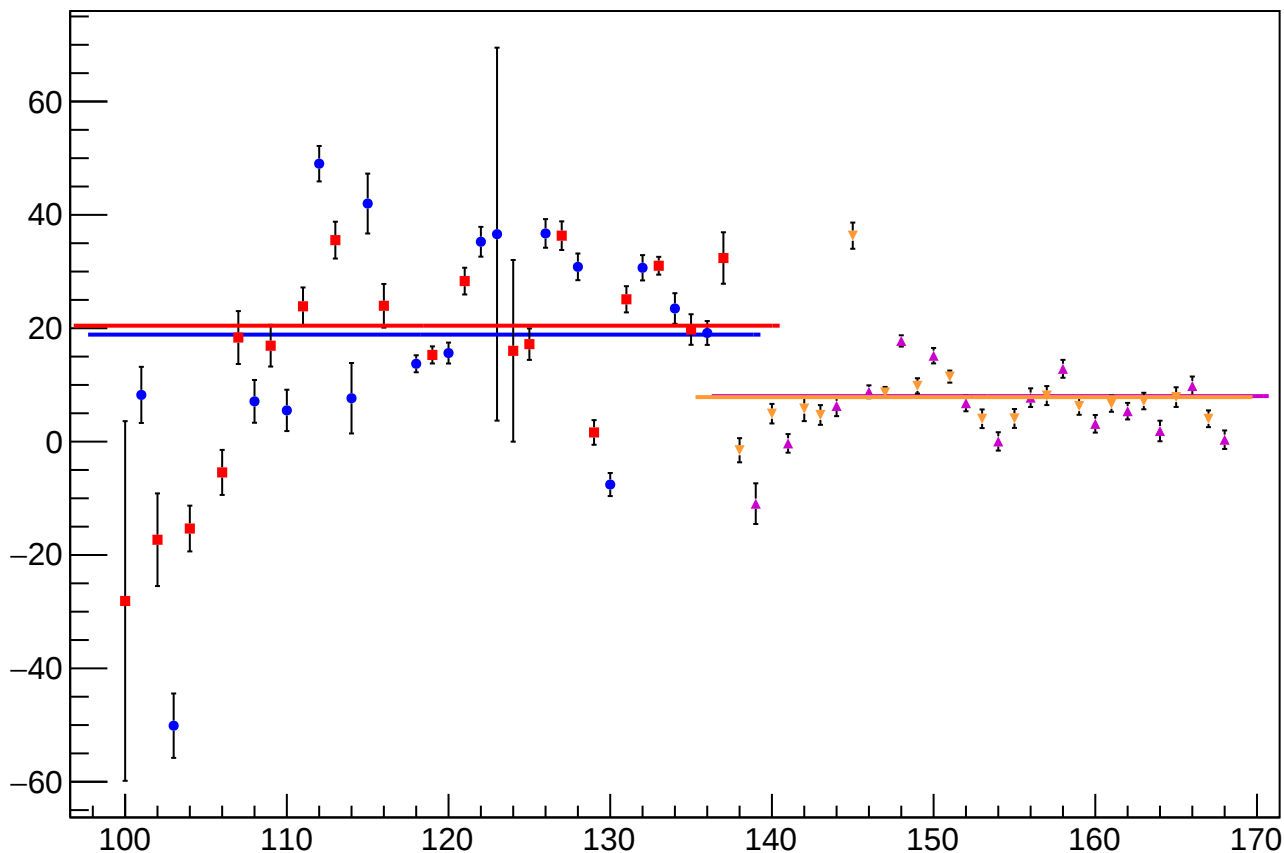
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.644 χ^2 /NDF: 620.5/16

Left Out: 7.851+/-0.377 χ^2 /NDF:211.8/15

Right Out: 20.454+/-0.643 χ^2 /NDF: 364.8/18

Left In: 8.029+/-0.388 χ^2 /NDF:261.3/14

Left: 7.938+/-0.271 χ^2 /NDF: 473.2/30

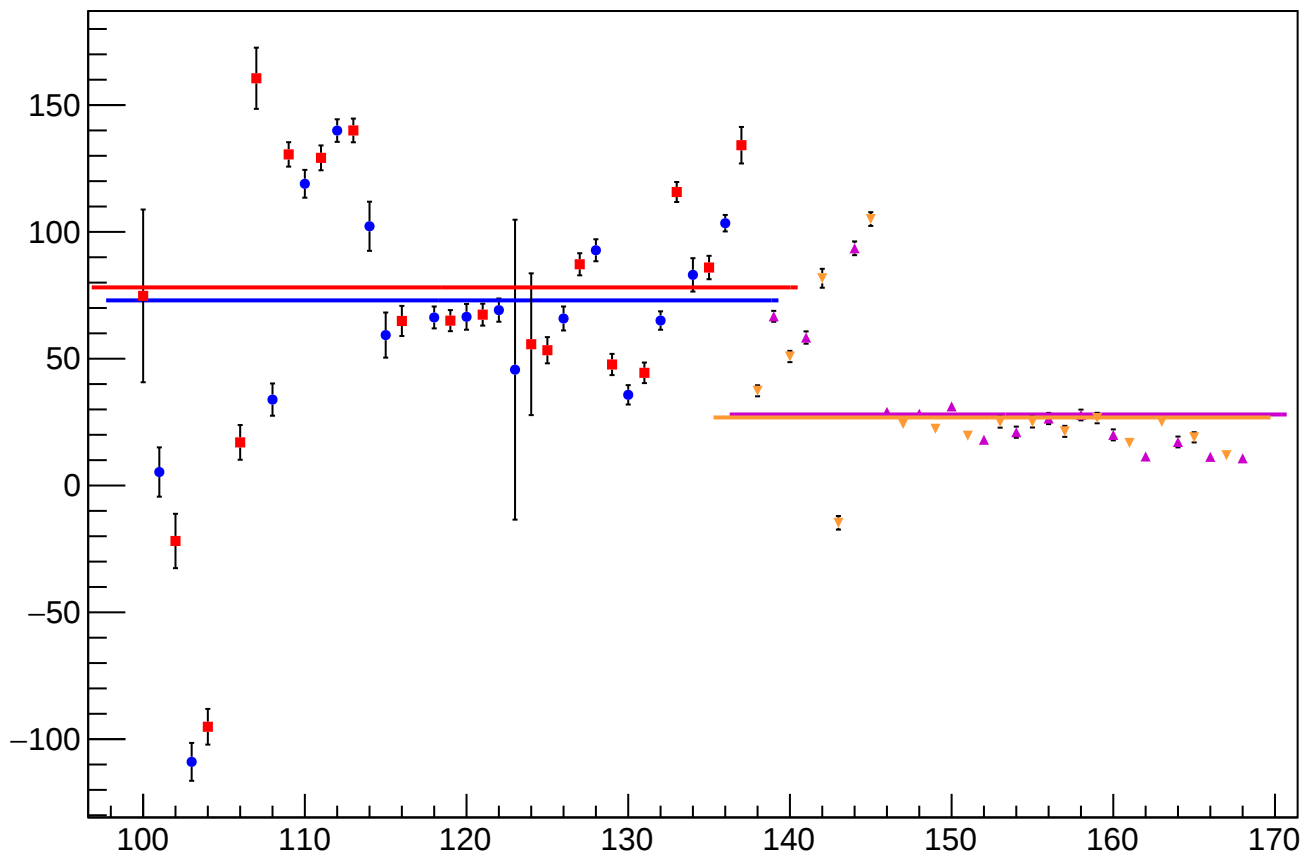
Right: 19.666+/-0.455 χ^2 /NDF: 988.3/35

In: 10.916+/-0.332 χ^2 /NDF:1089.7/31

Out: 11.076+/-0.325 χ^2 /NDF:862.1/34

All: 10.997+/-0.233 χ^2 /NDF: 1951.9/66

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 26.831 $\pm$ 0.527 χ^2 /NDF:1579.4/15

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 28.011 $\pm$ 0.526 χ^2 /NDF:1393.4/14

Left: 27.422 $\pm$ 0.373 χ^2 /NDF: 2975.3/30

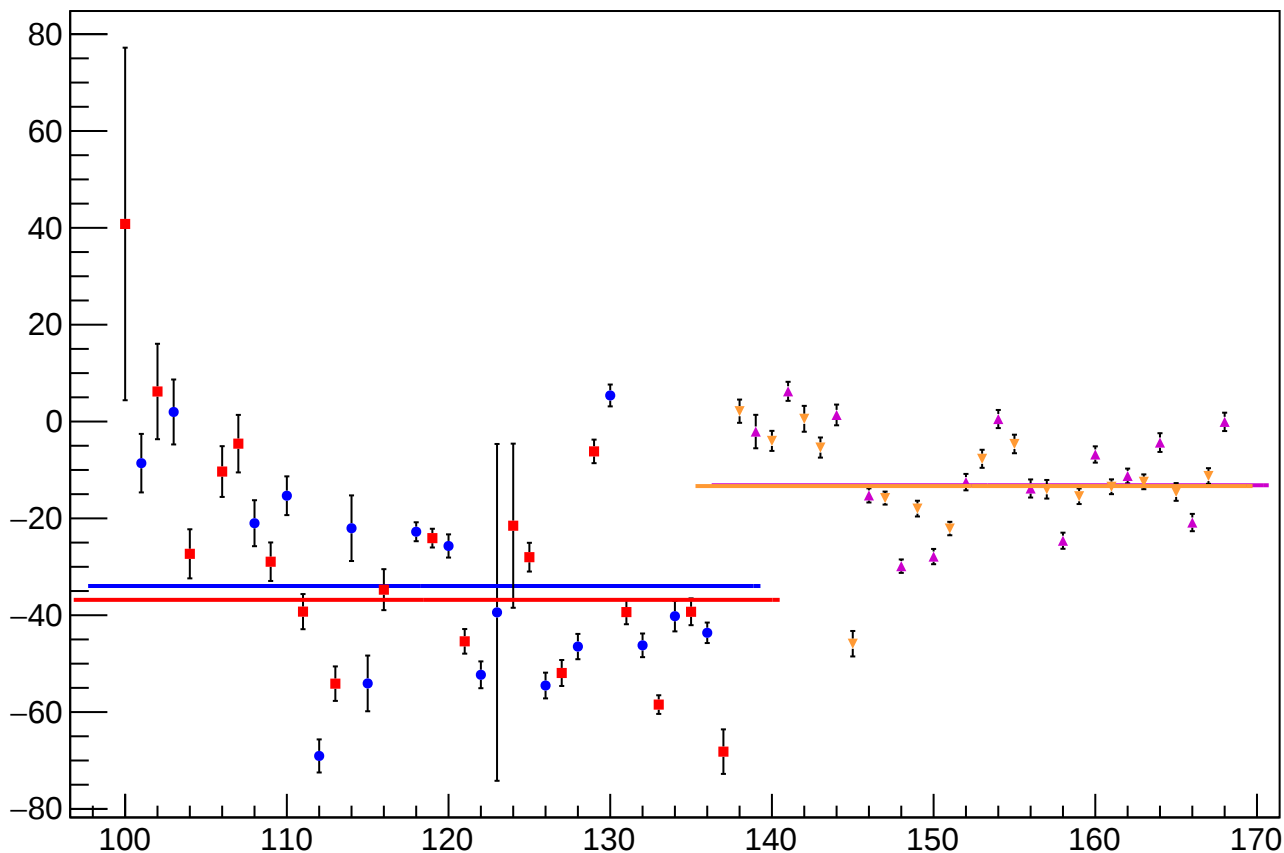
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 34.971 $\pm$ 0.484 χ^2 /NDF:3729.3/31

Out: 34.872 $\pm$ 0.484 χ^2 /NDF:4608.7/34

All: 34.922 $\pm$ 0.342 χ^2 /NDF: 8338.0/66

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.327 ± 0.441 χ^2/NDF : 342.2/15

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.159 ± 0.453 χ^2/NDF : 591.8/14

Left: -13.245 ± 0.316 χ^2/NDF : 934.0/30

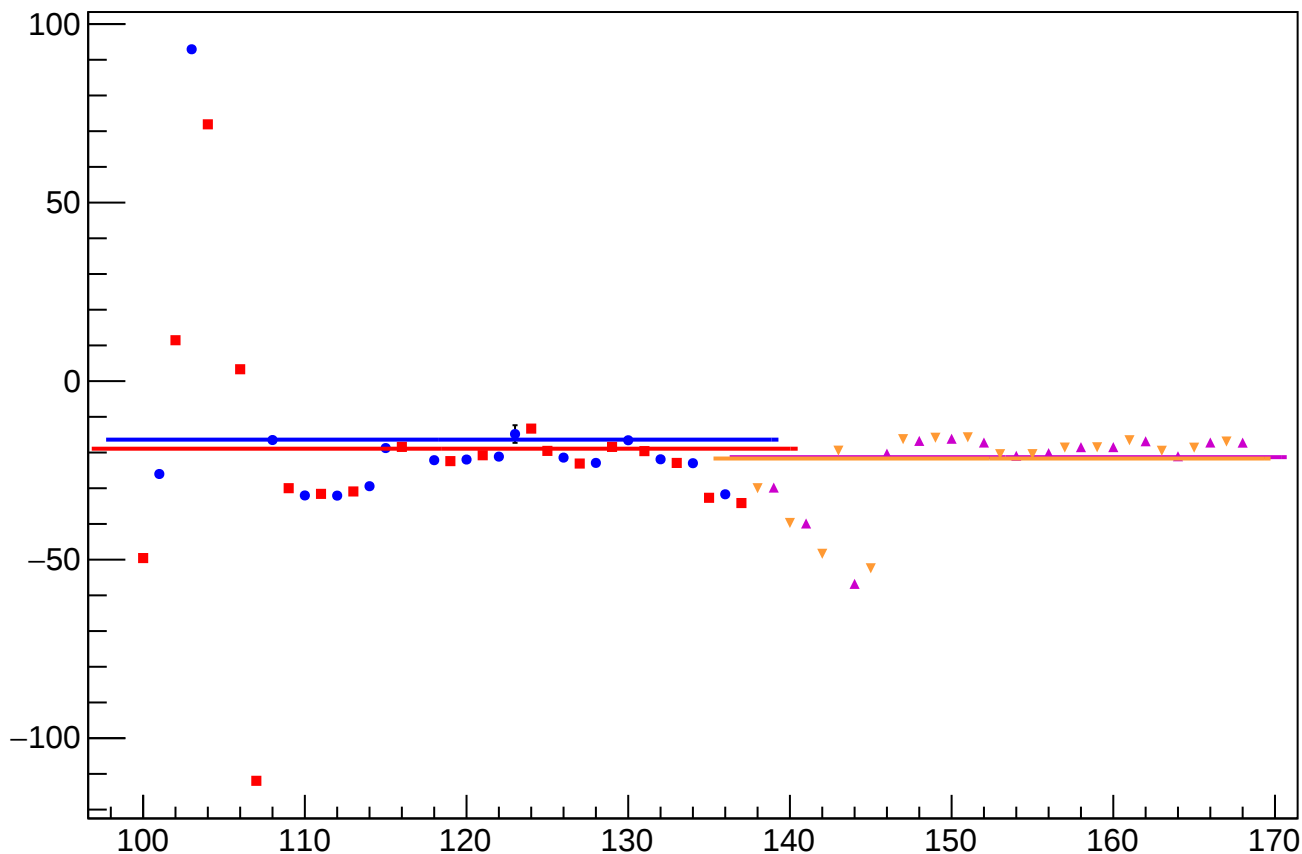
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -18.854 ± 0.386 χ^2/NDF : 1891.6/31

Out: -19.535 ± 0.379 χ^2/NDF : 1630.4/34

All: -19.201 ± 0.270 χ^2/NDF : 3523.5/66

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -21.676 ± 0.021 $\chi^2/\text{NDF}: 188867.6/15$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -21.293 ± 0.021 $\chi^2/\text{NDF}: 160664.3/14$

Left: -21.484 ± 0.015 $\chi^2/\text{NDF}: 349702.3/30$

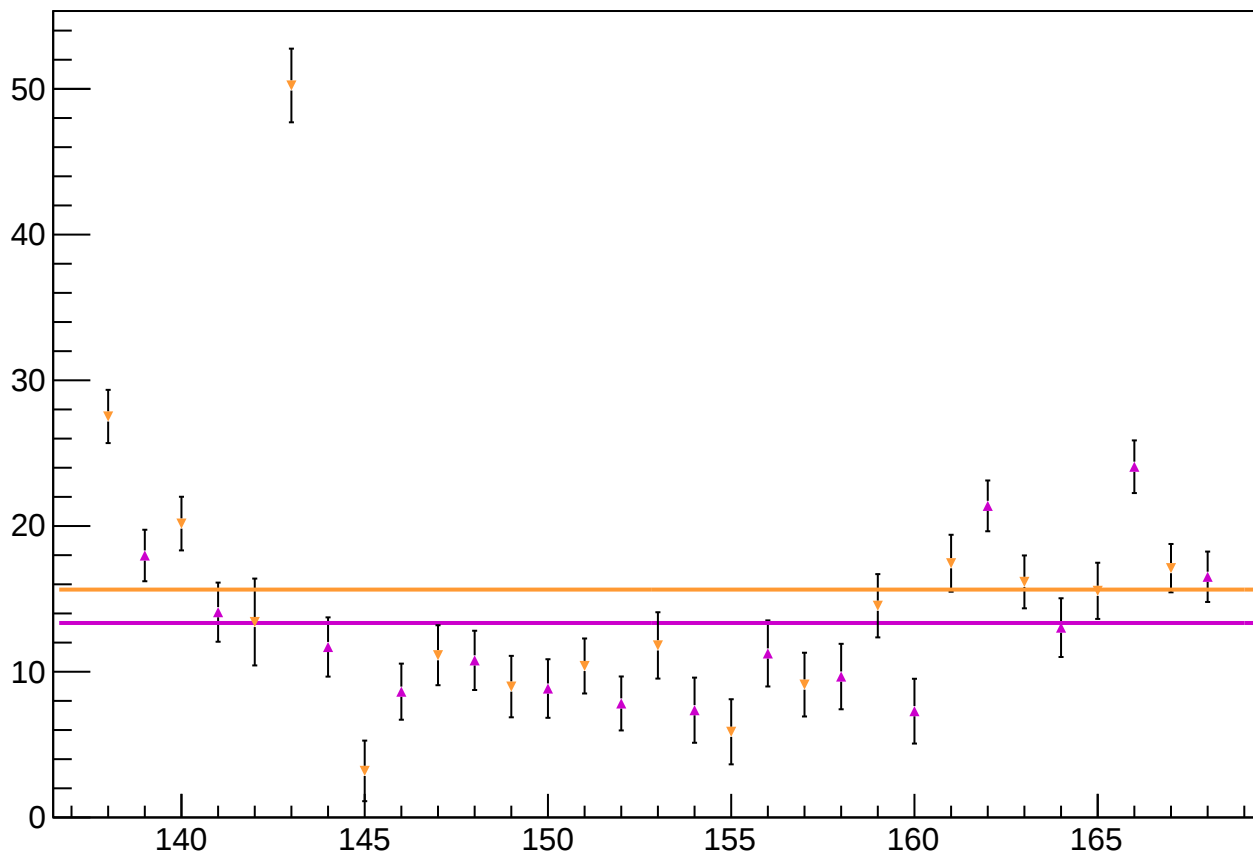
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -20.418 ± 0.019 $\chi^2/\text{NDF}: 644968.2/31$

Out: -21.197 ± 0.019 $\chi^2/\text{NDF}: 626065.7/34$

All: -20.805 ± 0.013 $\chi^2/\text{NDF}: 1271888.7/66$

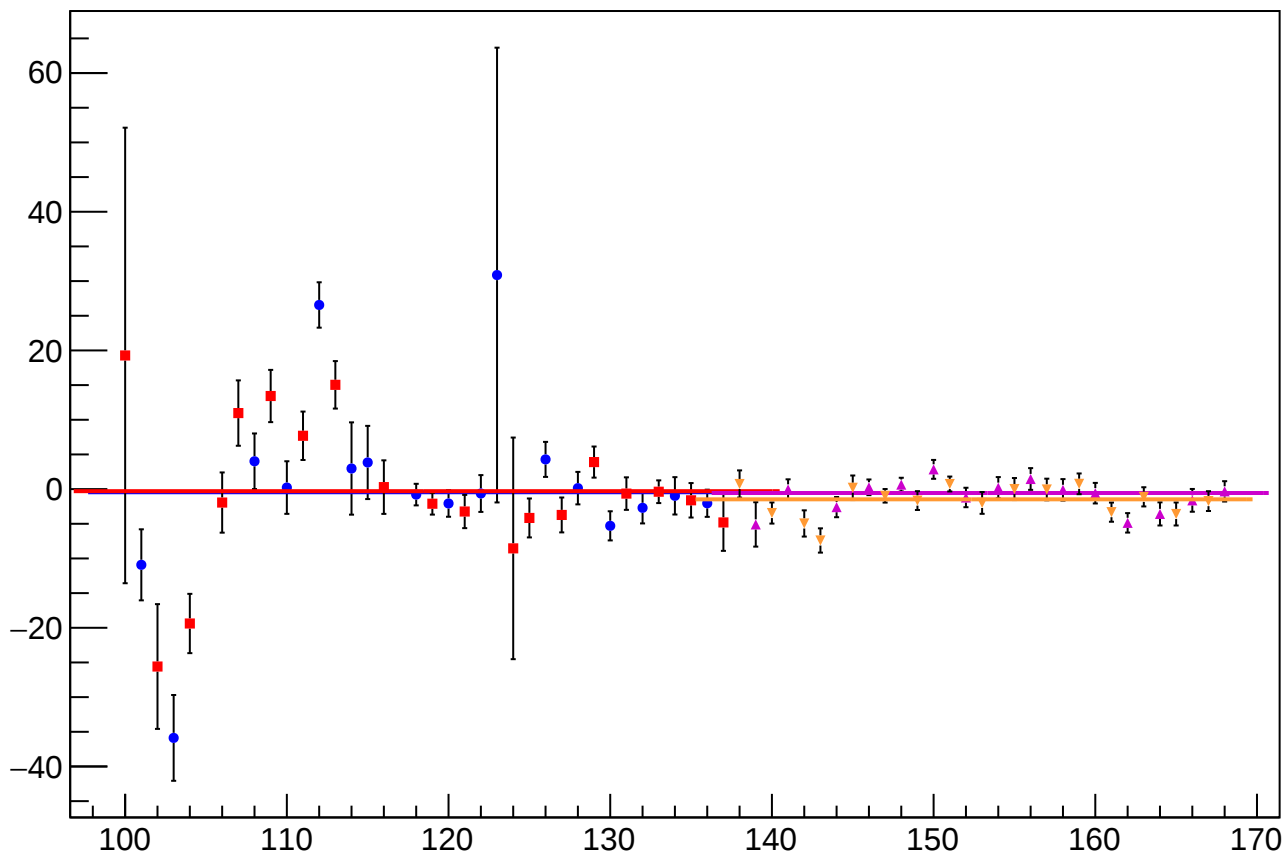
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 15.638 $\pm$ 0.510 χ^2/NDF :327.3/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 13.346 $\pm$ 0.509 χ^2/NDF :107.1/14

Left: 14.490 $\pm$ 0.360 χ^2/NDF : 444.6/30
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 13.346 $\pm$ 0.509 χ^2/NDF :107.1/14
 Out: 15.638 $\pm$ 0.510 χ^2/NDF :327.3/15
 All: 14.490 $\pm$ 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: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.560 ± 0.370 χ^2/NDF : 27.7/14

Left: -1.027 ± 0.259 χ^2/NDF : 61.6/30

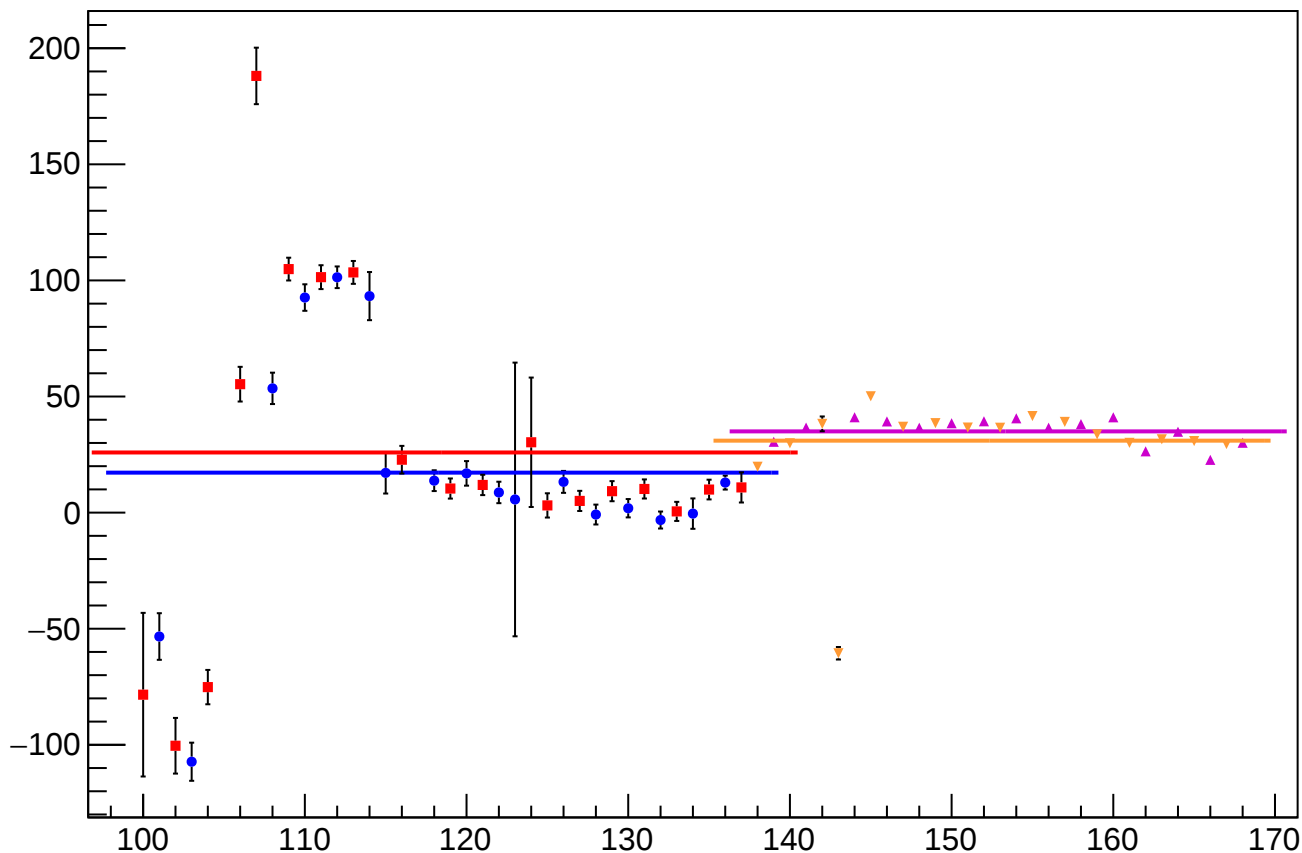
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.534 ± 0.322 χ^2/NDF : 147.3/31

Out: -1.200 ± 0.317 χ^2/NDF : 117.7/34

All: -0.872 ± 0.226 χ^2/NDF : 267.2/66

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: 25.902 ± 1.243 χ^2/NDF : 1374.8/18

Left In: 34.984 ± 0.498 χ^2/NDF : 126.8/14

Left: 33.000 ± 0.353 χ^2/NDF : 1512.0/30

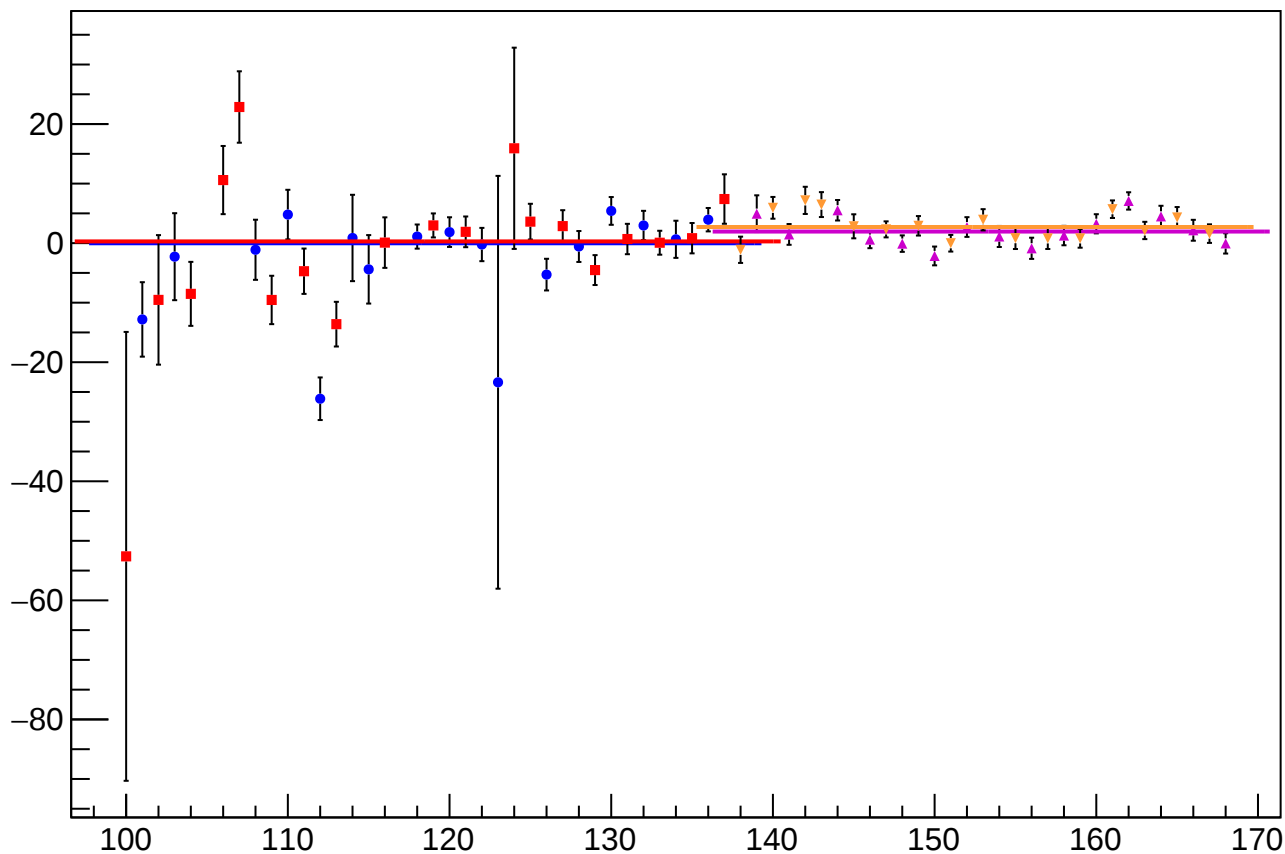
Right: 21.552 ± 0.878 χ^2/NDF : 2339.3/35

In: 32.519 ± 0.462 χ^2/NDF : 1243.4/31

Out: 30.277 ± 0.465 χ^2/NDF : 2742.5/34

All: 31.405 ± 0.328 χ^2/NDF : 3997.6/66

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.709 ± 0.422 χ^2/NDF : 26.8/15

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.945 ± 0.431 χ^2/NDF : 34.7/14

Left: 2.335 ± 0.301 χ^2/NDF : 63.2/30

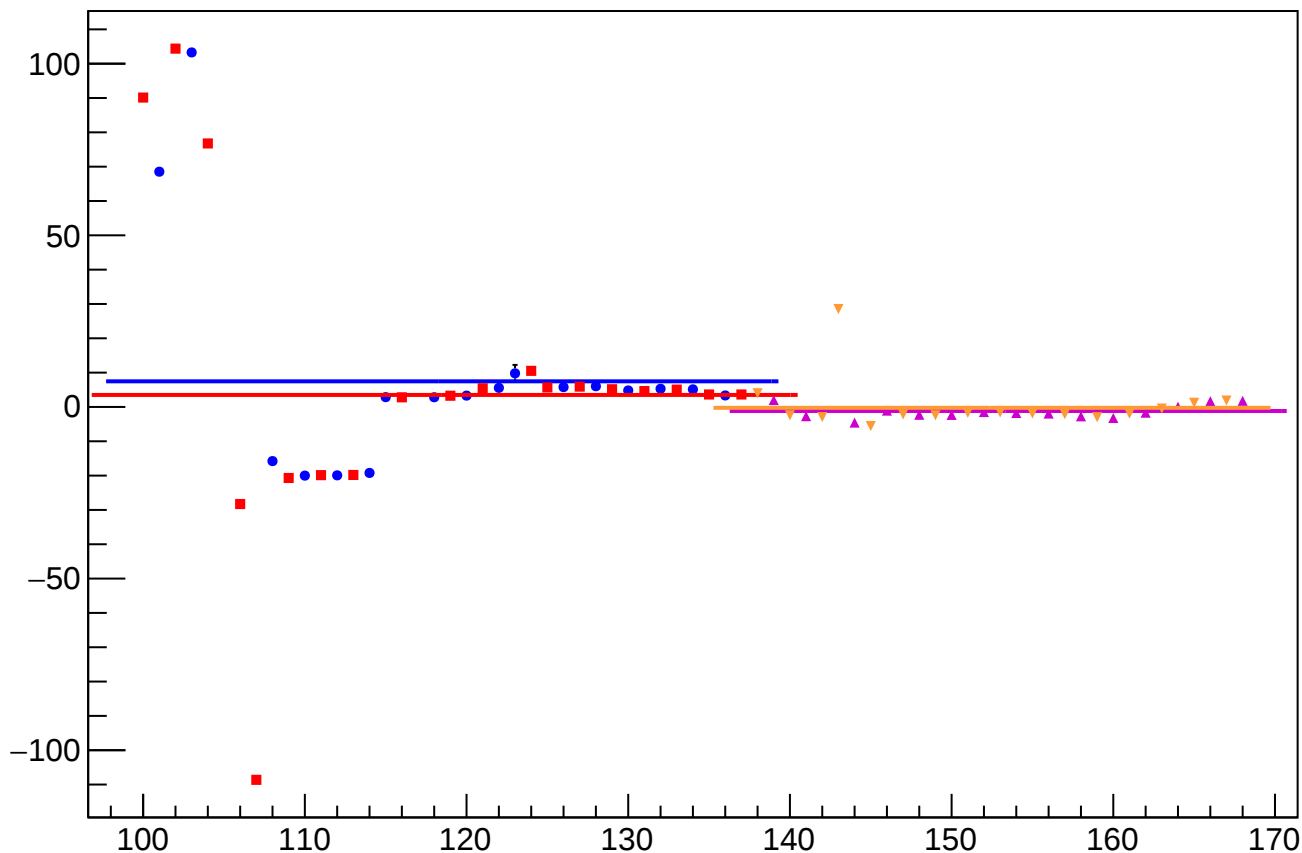
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.453 ± 0.373 χ^2/NDF : 115.8/31

Out: 2.126 ± 0.368 χ^2/NDF : 90.8/34

All: 1.794 ± 0.262 χ^2/NDF : 208.3/66

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: -0.249+/-0.020 χ^2/NDF : 85022.6/15

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.173+/-0.020 χ^2/NDF : 9043.5/14

Left: -0.715+/-0.014 χ^2/NDF : 95173.9/30

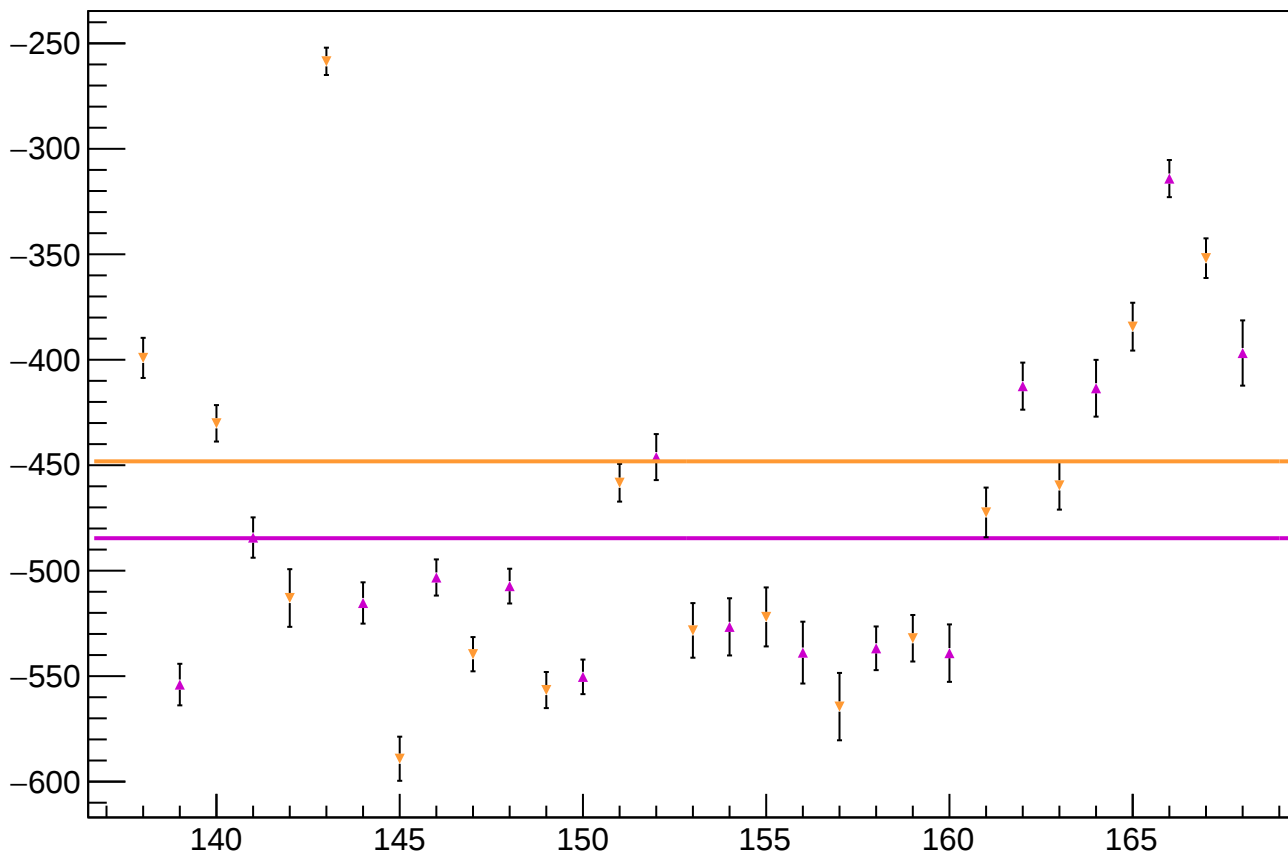
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 0.227+/-0.018 χ^2/NDF : 396564.7/31

Out: 0.342+/-0.018 χ^2/NDF : 601304.0/34

All: 0.284+/-0.013 χ^2/NDF : 997888.9/66

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

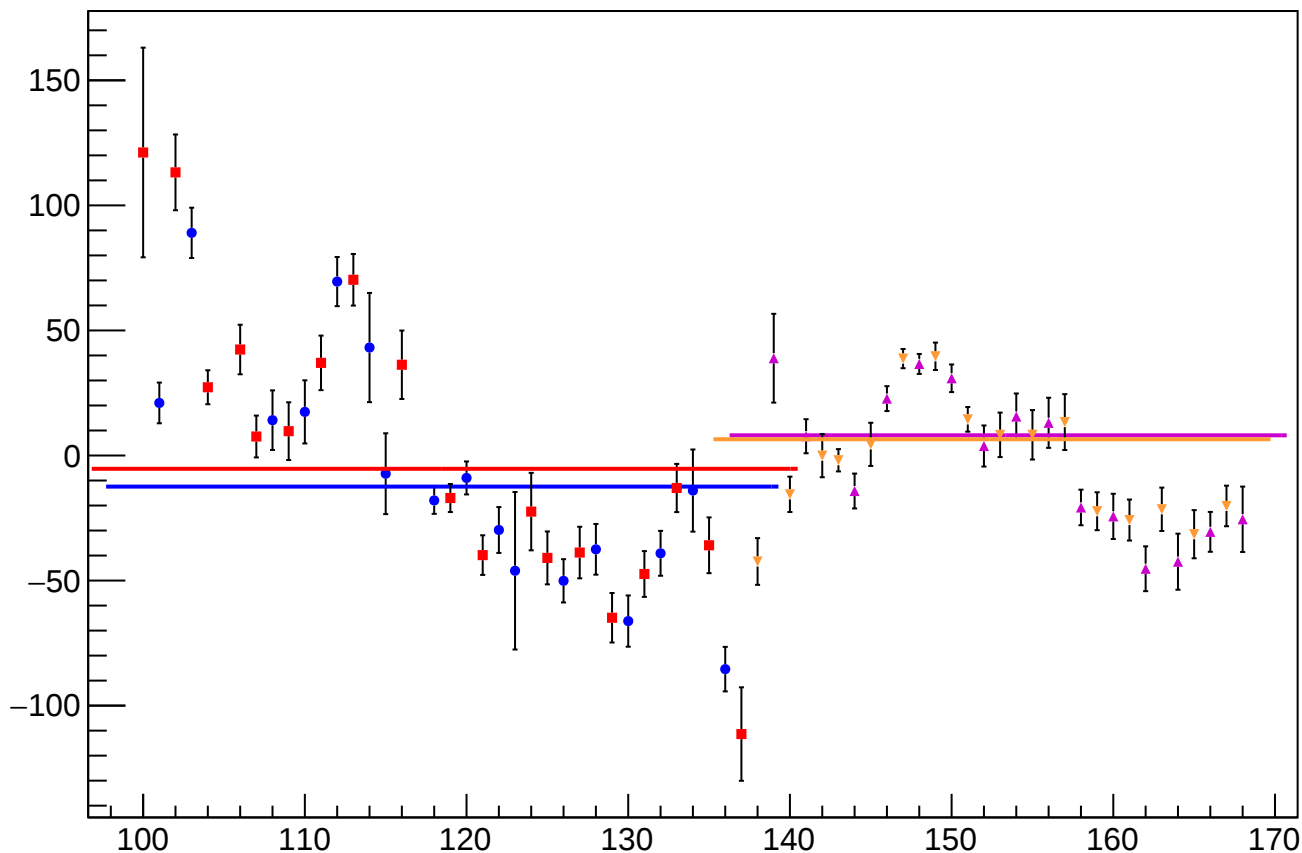
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 8.075 ± 1.851 χ^2/NDF : 206.4/14

Left: 7.211 ± 1.245 χ^2/NDF : 424.9/30

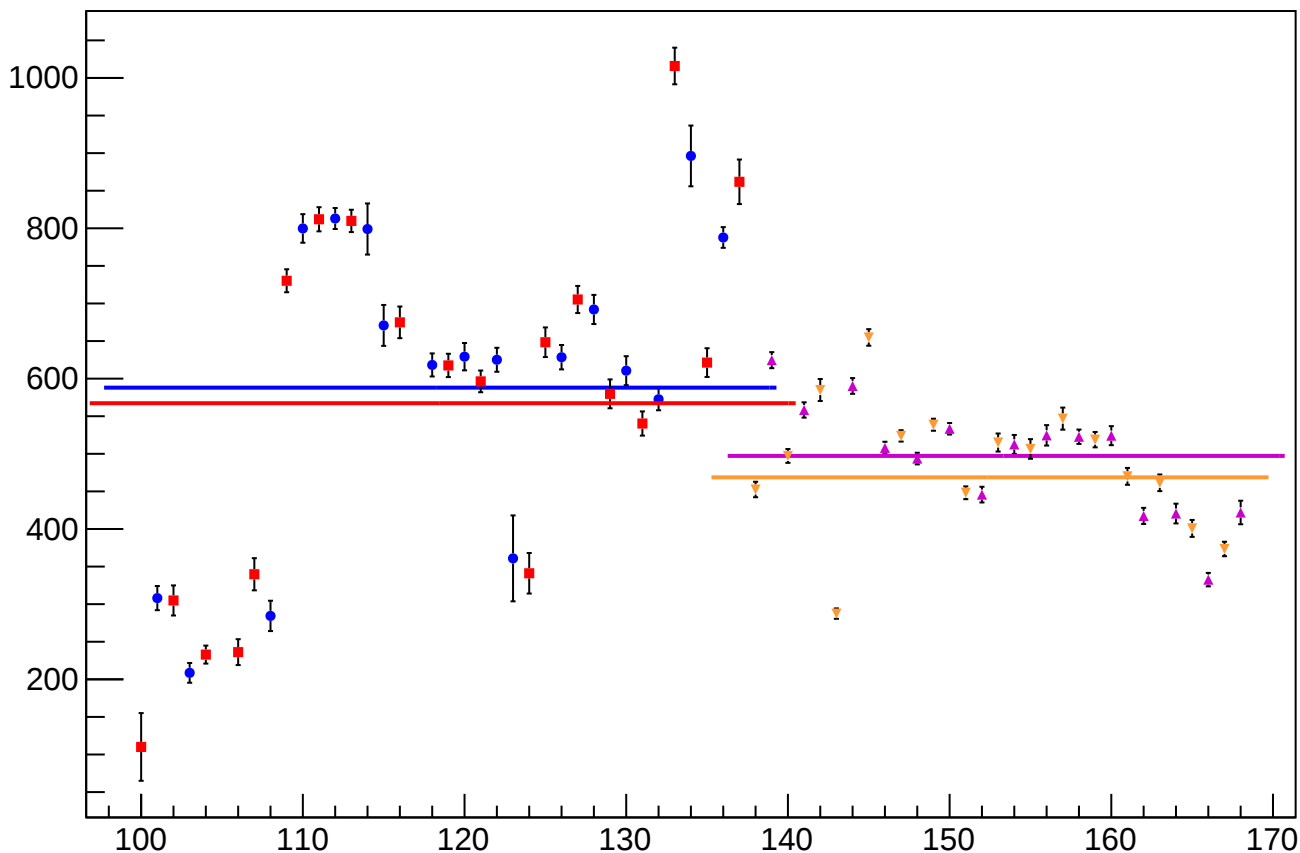
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 0.076 ± 1.446 χ^2/NDF : 594.5/31

Out: 2.283 ± 1.349 χ^2/NDF : 578.4/34

All: 1.256 ± 0.987 χ^2/NDF : 1174.2/66

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: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 497.219 $\pm$ 2.623 χ^2 /NDF:772.6/14

Left: 482.120 $\pm$ 1.799 χ^2 /NDF: 2229.6/30

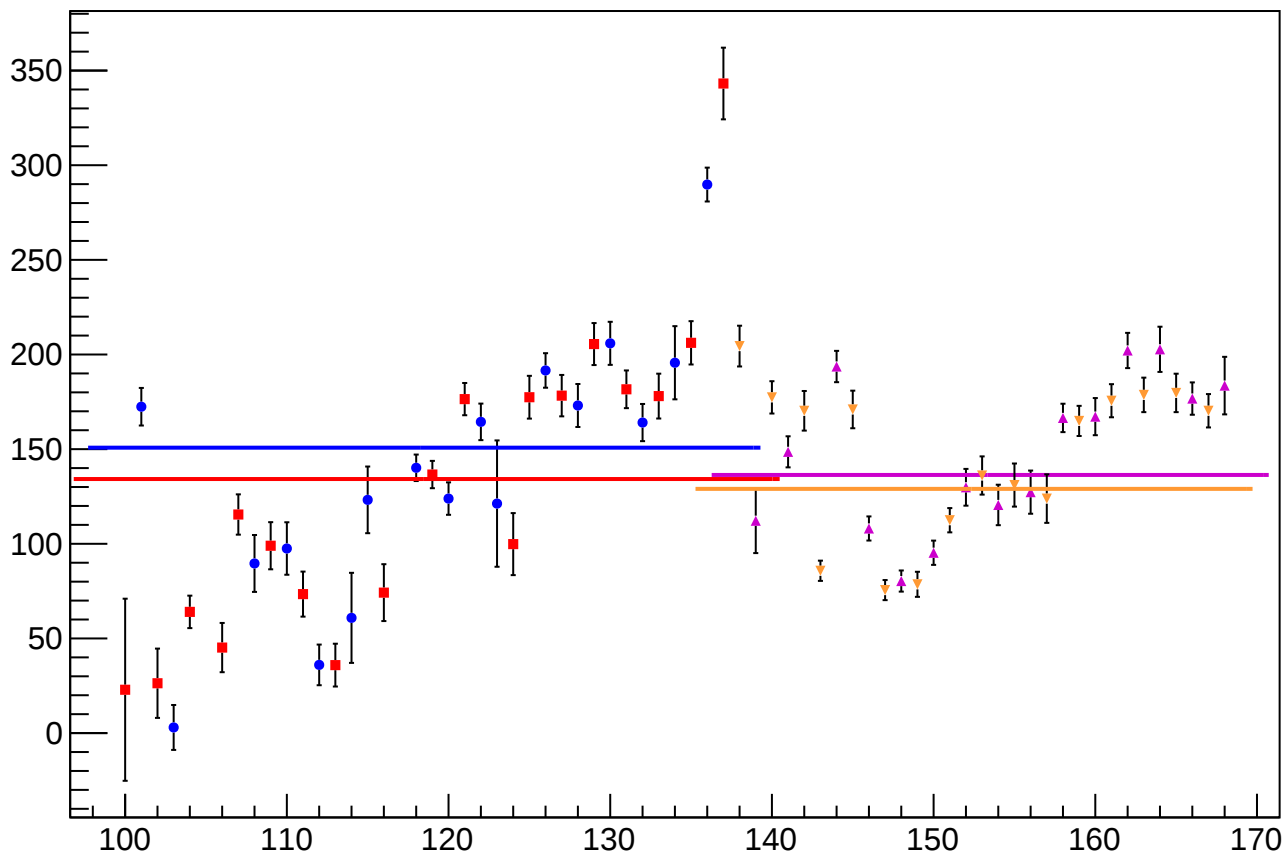
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 521.610 $\pm$ 2.243 χ^2 /NDF:3222.3/31

Out: 494.692 $\pm$ 2.122 χ^2 /NDF:4597.9/34

All: 507.401 $\pm$ 1.542 χ^2 /NDF: 7896.2/66

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 129.020 $\pm$ 2.015 χ^2 /NDF: 472.1/15

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 136.372 $\pm$ 2.205 χ^2 /NDF: 355.7/14

Left: 132.366 $\pm$ 1.487 χ^2 /NDF: 833.9/30

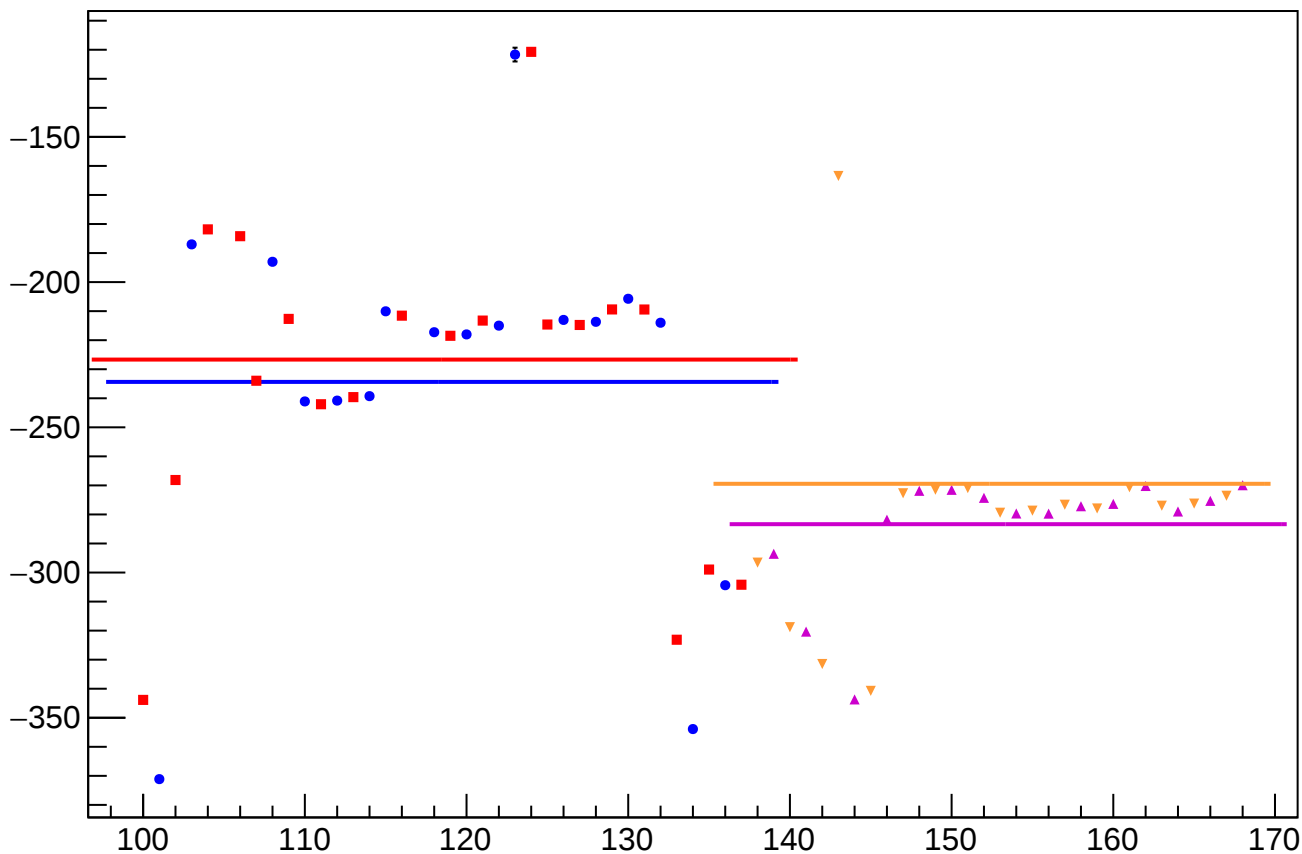
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 142.191 $\pm$ 1.702 χ^2 /NDF: 1006.1/31

Out: 130.956 $\pm$ 1.596 χ^2 /NDF: 1056.2/34

All: 136.212 $\pm$ 1.164 χ^2 /NDF: 2085.5/66

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 $\chi^2/\text{NDF}: 145159.1/16$

Left Out: -269.446 ± 0.100 $\chi^2/\text{NDF}: 205085.5/15$

Right Out: -226.674 ± 0.141 $\chi^2/\text{NDF}: 99490.5/18$

Left In: -283.348 ± 0.105 $\chi^2/\text{NDF}: 31777.6/14$

Left: -276.018 ± 0.072 $\chi^2/\text{NDF}: 246041.7/30$

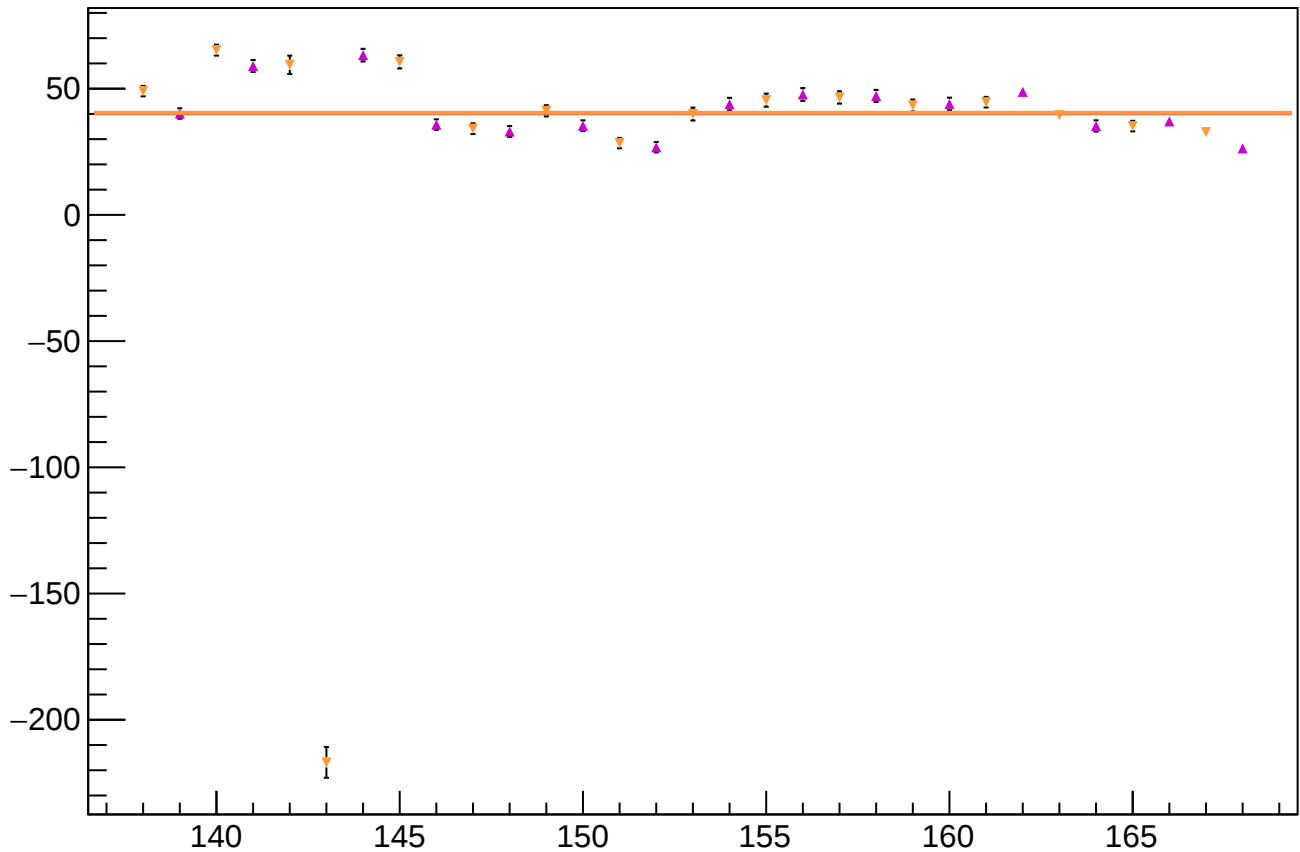
Right: -230.326 ± 0.102 $\chi^2/\text{NDF}: 246056.0/35$

In: -266.941 ± 0.086 $\chi^2/\text{NDF}: 249335.3/31$

Out: -255.210 ± 0.081 $\chi^2/\text{NDF}: 365745.8/34$

All: -260.765 ± 0.059 $\chi^2/\text{NDF}: 624893.2/66$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

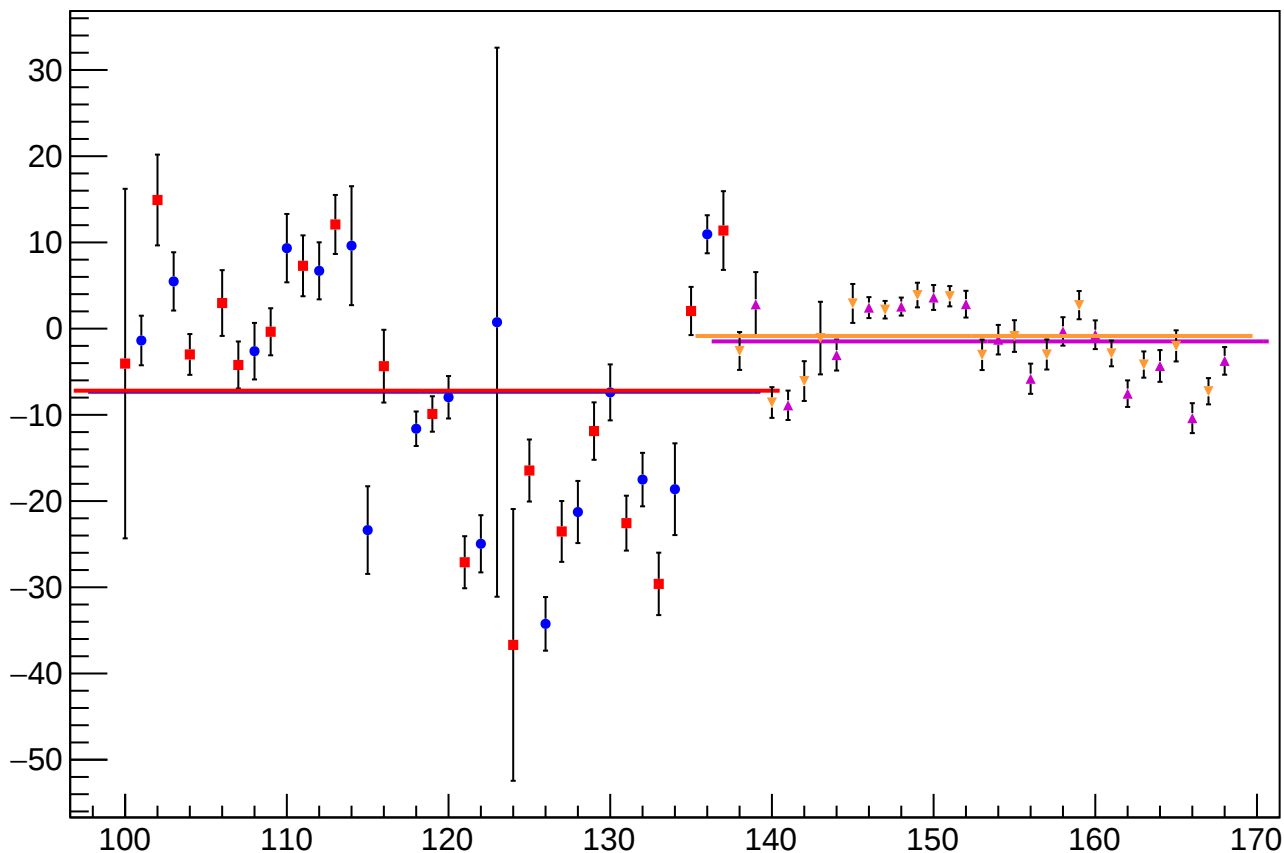
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.483 ± 0.407 χ^2/NDF : 119.5/14

Left: -1.166 ± 0.287 χ^2/NDF : 215.8/30

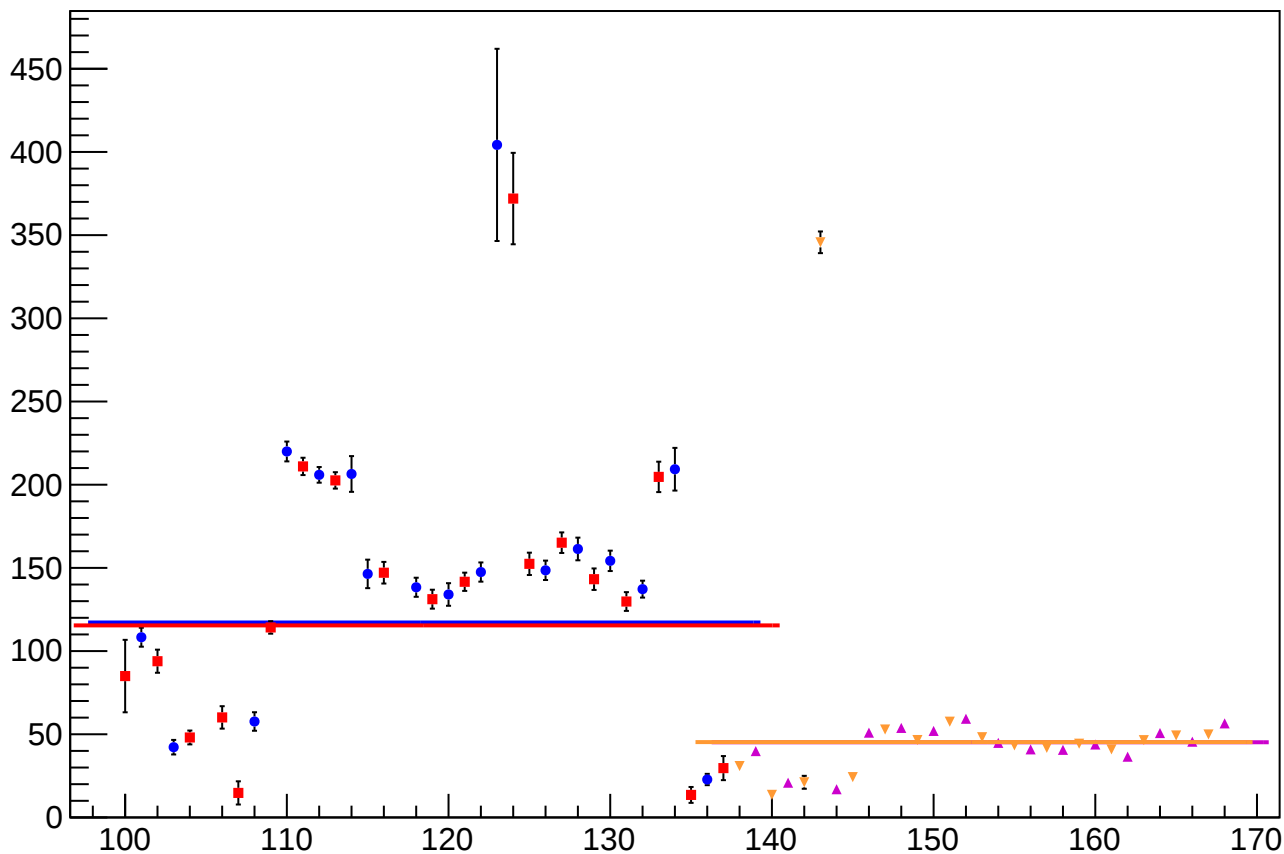
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.729 ± 0.361 χ^2/NDF : 442.5/31

Out: -2.256 ± 0.358 χ^2/NDF : 401.3/34

All: -2.491 ± 0.254 χ^2/NDF : 844.7/66

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: 115.437 $\pm$ 1.361 χ^2 /NDF: 2151.2/18

Left In: 45.198 $\pm$ 0.550 χ^2 /NDF:370.1/14

Left: 45.245 $\pm$ 0.394 χ^2 /NDF: 2895.3/30

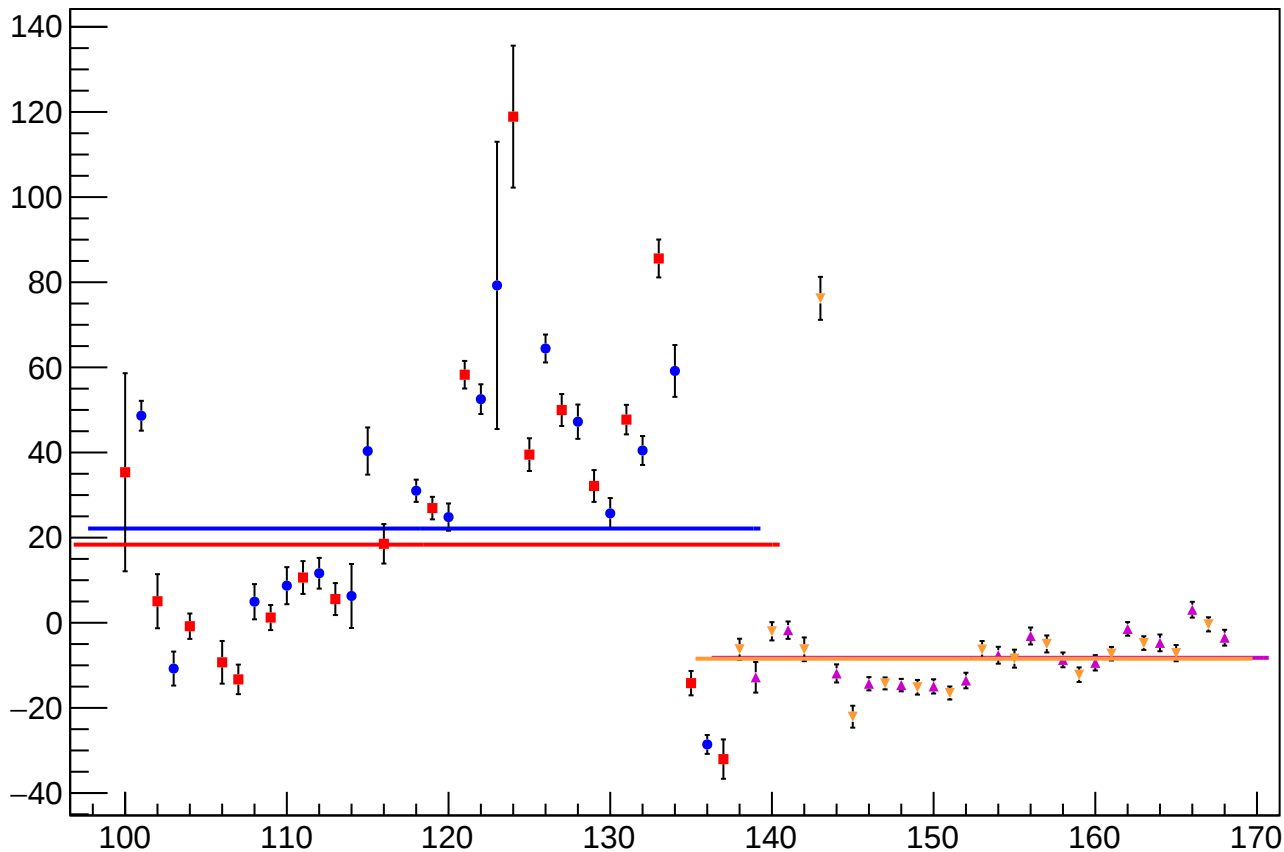
Right: 116.275 $\pm$ 0.980 χ^2 /NDF: 4311.6/35

In: 54.700 $\pm$ 0.513 χ^2 /NDF:4787.3/31

Out: 55.574 $\pm$ 0.521 χ^2 /NDF:6944.8/34

All: 55.130 $\pm$ 0.365 χ^2 /NDF: 11733.5/66

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2 /NDF: 1064.1/16

Left Out: -8.441+/-0.474 χ^2 /NDF:418.4/15

Right Out: 18.355+/-0.871 χ^2 /NDF: 1070.9/18

Left In: -8.231+/-0.474 χ^2 /NDF:145.6/14

Left: -8.336+/-0.335 χ^2 /NDF: 564.0/30

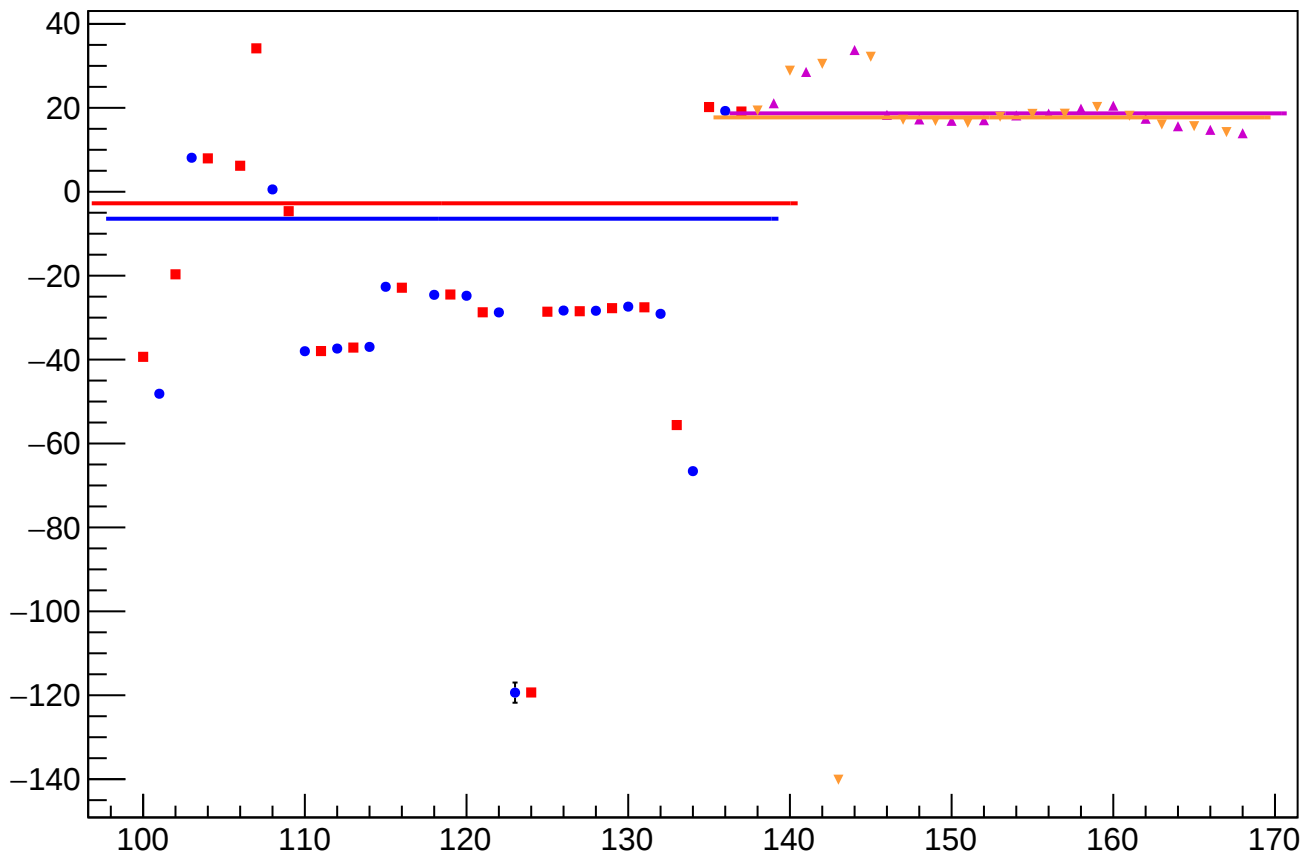
Right: 20.203+/-0.623 χ^2 /NDF: 2144.2/35

In: -1.527+/-0.419 χ^2 /NDF:2114.5/31

Out: -2.327+/-0.416 χ^2 /NDF:2219.1/34

All: -1.929+/-0.295 χ^2 /NDF: 4335.4/66

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 17.719 $\pm$ 0.022 χ^2/NDF : 404482.3/15

Right Out: -2.752 $\pm$ 0.046 χ^2/NDF : 266290.0/18

Left In: 18.680 $\pm$ 0.022 χ^2/NDF : 36470.8/14

Left: 18.211 $\pm$ 0.016 χ^2/NDF : 441912.6/30

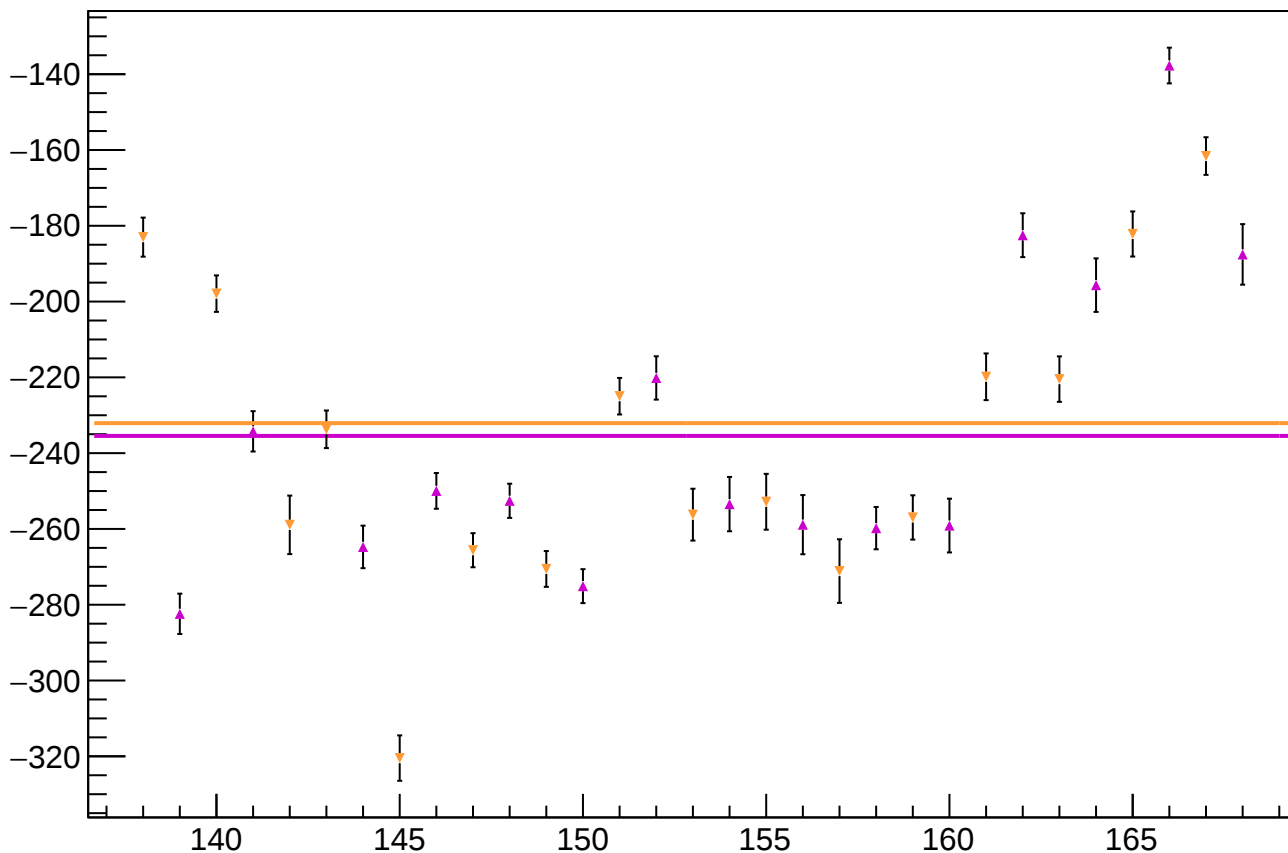
Right: -4.569 $\pm$ 0.032 χ^2/NDF : 534660.8/35

In: 14.156 $\pm$ 0.020 χ^2/NDF : 543634.8/31

Out: 13.807 $\pm$ 0.020 χ^2/NDF : 833226.2/34

All: 13.984 $\pm$ 0.014 χ^2/NDF : 1377016.4/66

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -232.084+/-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

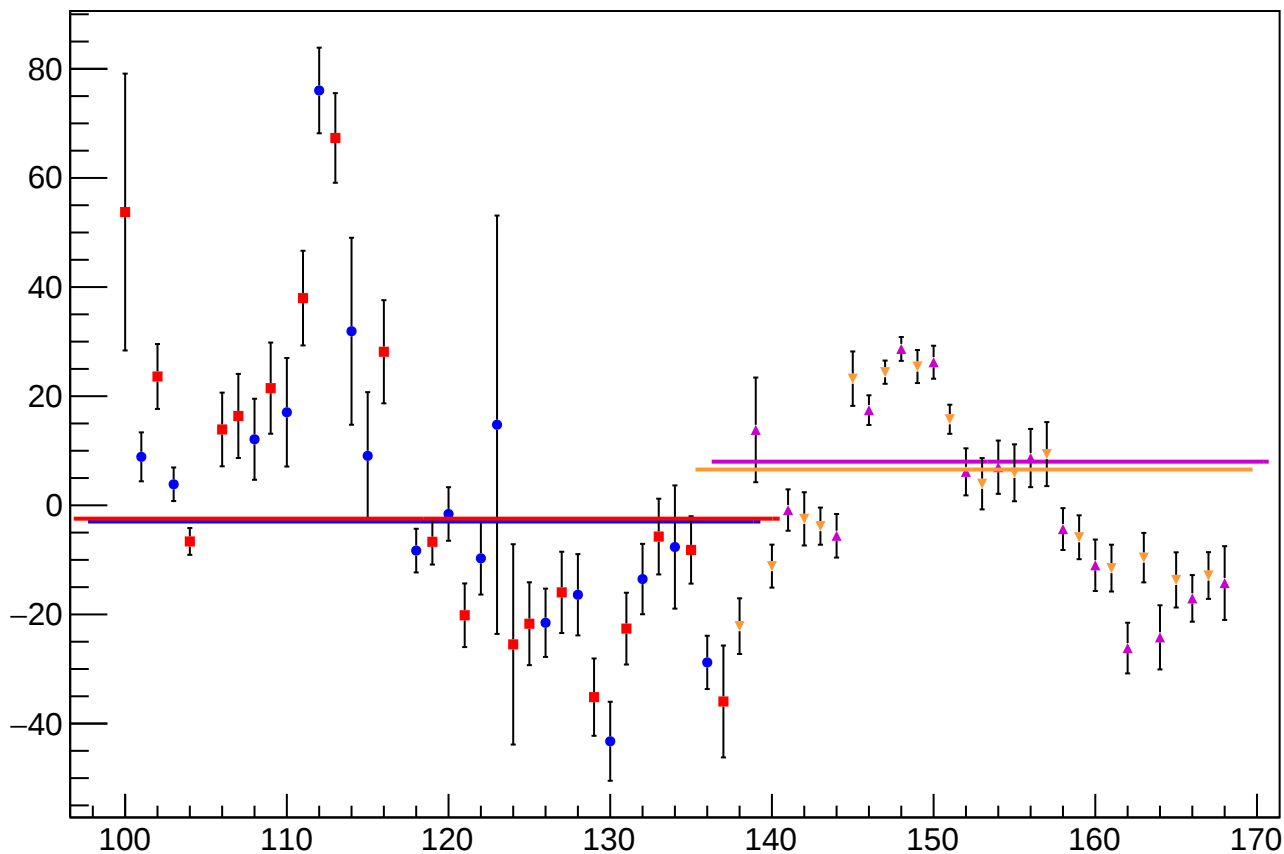
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 8.003 ± 1.004 χ^2/NDF : 311.3/14

Left: 7.240 ± 0.689 χ^2/NDF : 586.2/30

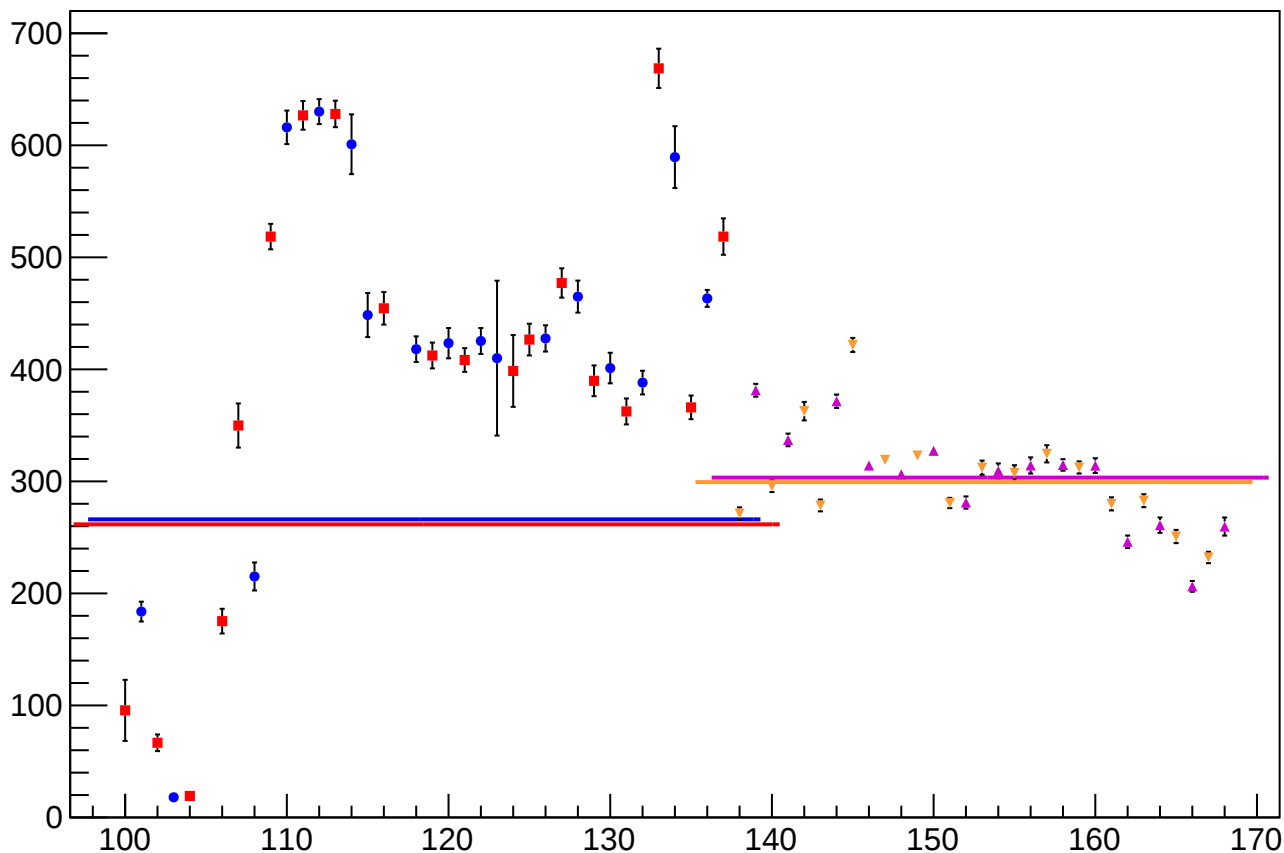
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 4.459 ± 0.826 χ^2/NDF : 553.4/31

Out: 3.716 ± 0.785 χ^2/NDF : 517.7/34

All: 4.069 ± 0.569 χ^2/NDF : 1071.5/66

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 299.367 $\pm$ 1.381 χ^2 /NDF:830.3/15

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 303.359 $\pm$ 1.416 χ^2 /NDF:995.2/14

Left: 301.314 $\pm$ 0.989 χ^2 /NDF: 1829.5/30

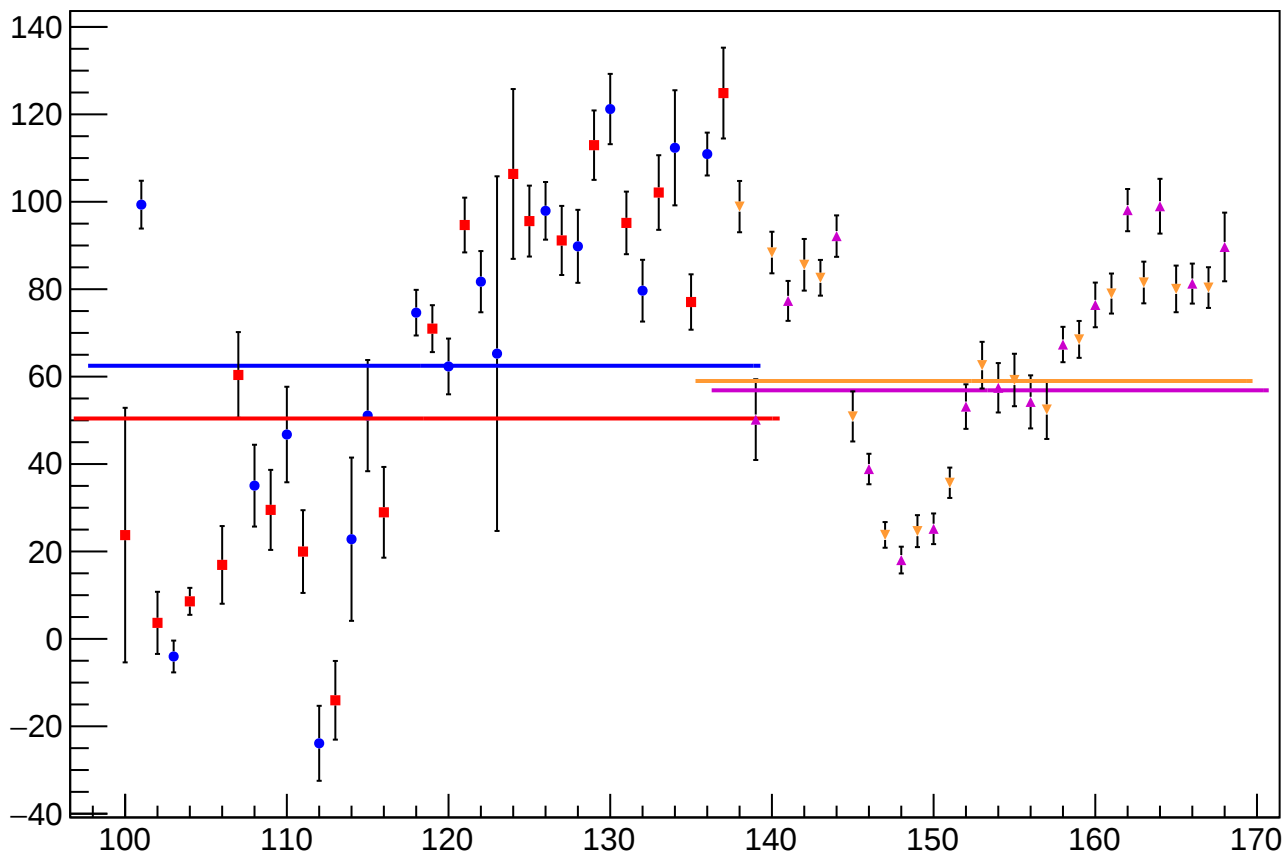
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 294.204 $\pm$ 1.230 χ^2 /NDF:8809.3/31

Out: 290.303 $\pm$ 1.204 χ^2 /NDF:9218.9/34

All: 292.213 $\pm$ 0.860 χ^2 /NDF: 18033.3/66

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 59.001+/-1.132 χ^2/NDF : 501.4/15

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 56.865+/-1.193 χ^2/NDF : 531.4/14

Left: 57.988+/-0.821 χ^2/NDF : 1034.5/30

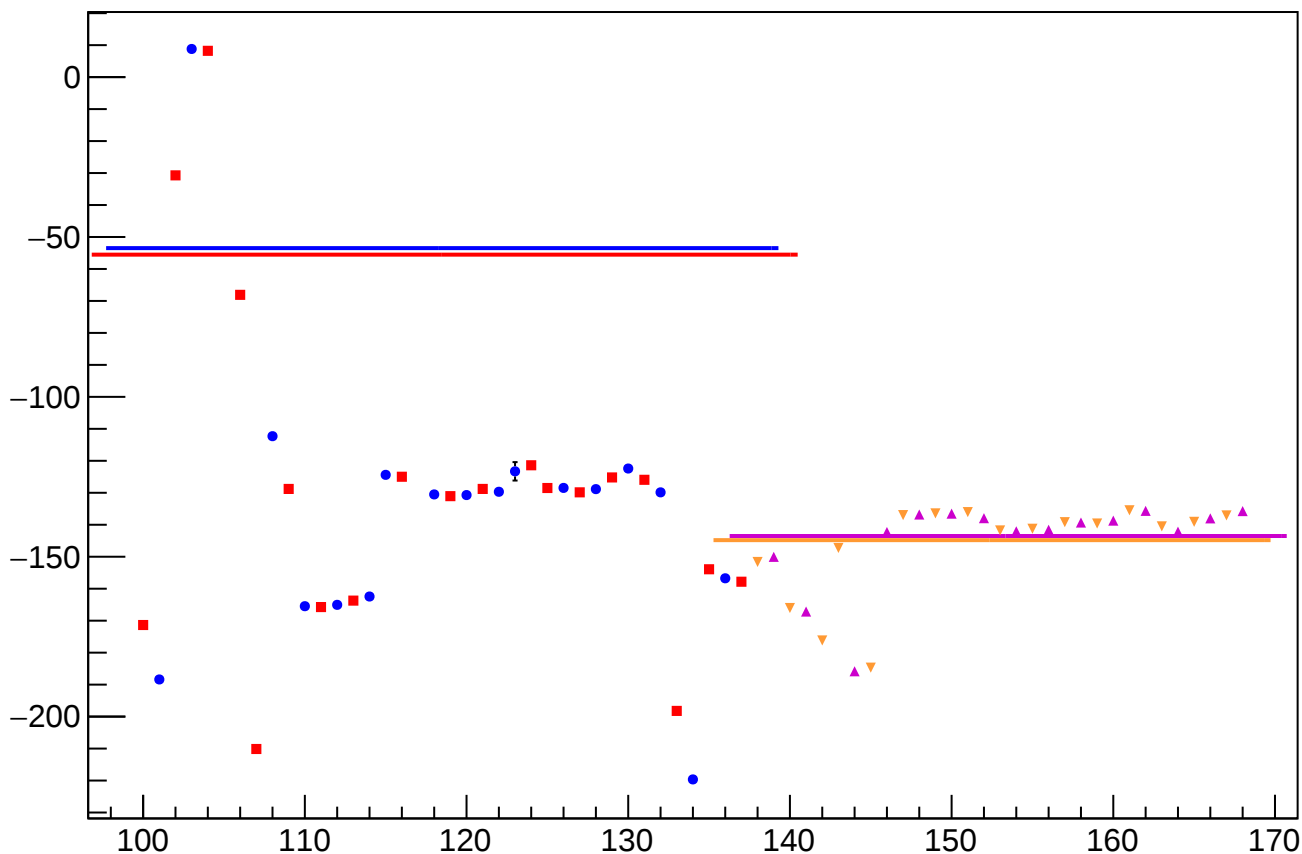
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 58.747+/-0.973 χ^2/NDF : 1259.6/31

Out: 56.234+/-0.932 χ^2/NDF : 1171.4/34

All: 57.437+/-0.673 χ^2/NDF : 2434.5/66

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -144.815 ± 0.056 $\chi^2/\text{NDF}: 55832.1/15$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -143.519 ± 0.057 $\chi^2/\text{NDF}: 44813.3/14$

Left: -144.180 ± 0.040 $\chi^2/\text{NDF}: 100911.5/30$

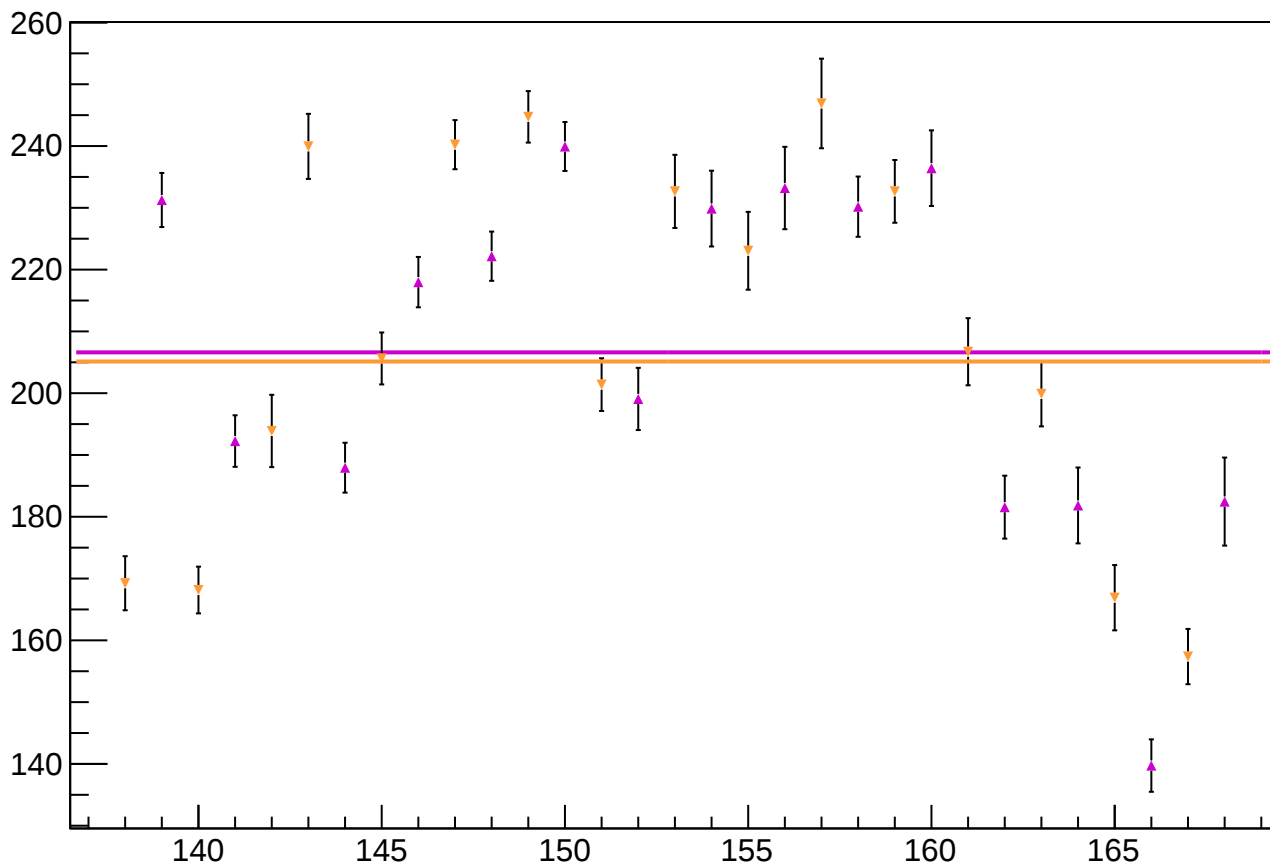
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -108.014 ± 0.044 $\chi^2/\text{NDF}: 2266803.9/31$

Out: -111.402 ± 0.044 $\chi^2/\text{NDF}: 1991025.9/34$

All: -109.715 ± 0.031 $\chi^2/\text{NDF}: 4260785.4/66$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.127+/-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

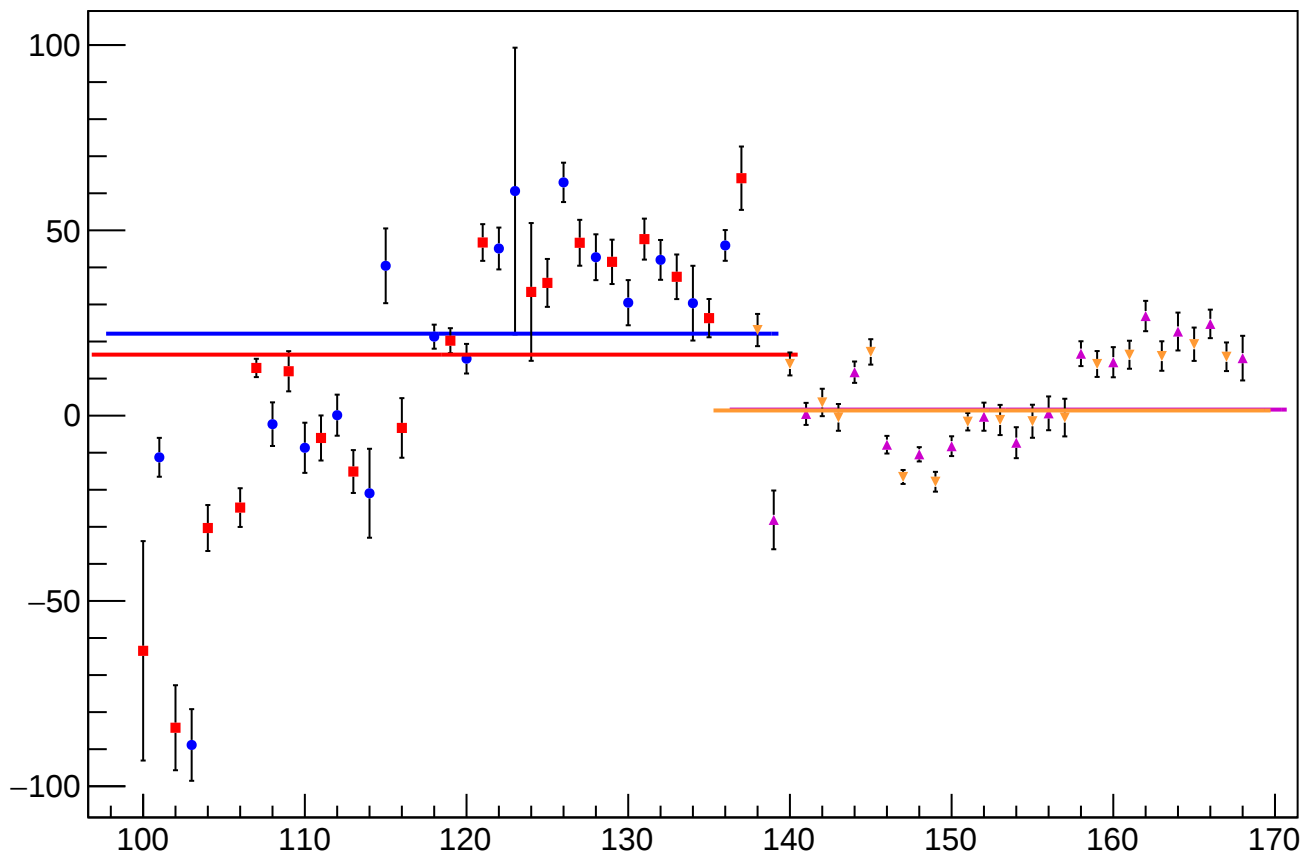
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: 1.631+/-0.860 χ^2/NDF : 226.6/14

Left: 1.510+/-0.595 χ^2/NDF : 507.2/30

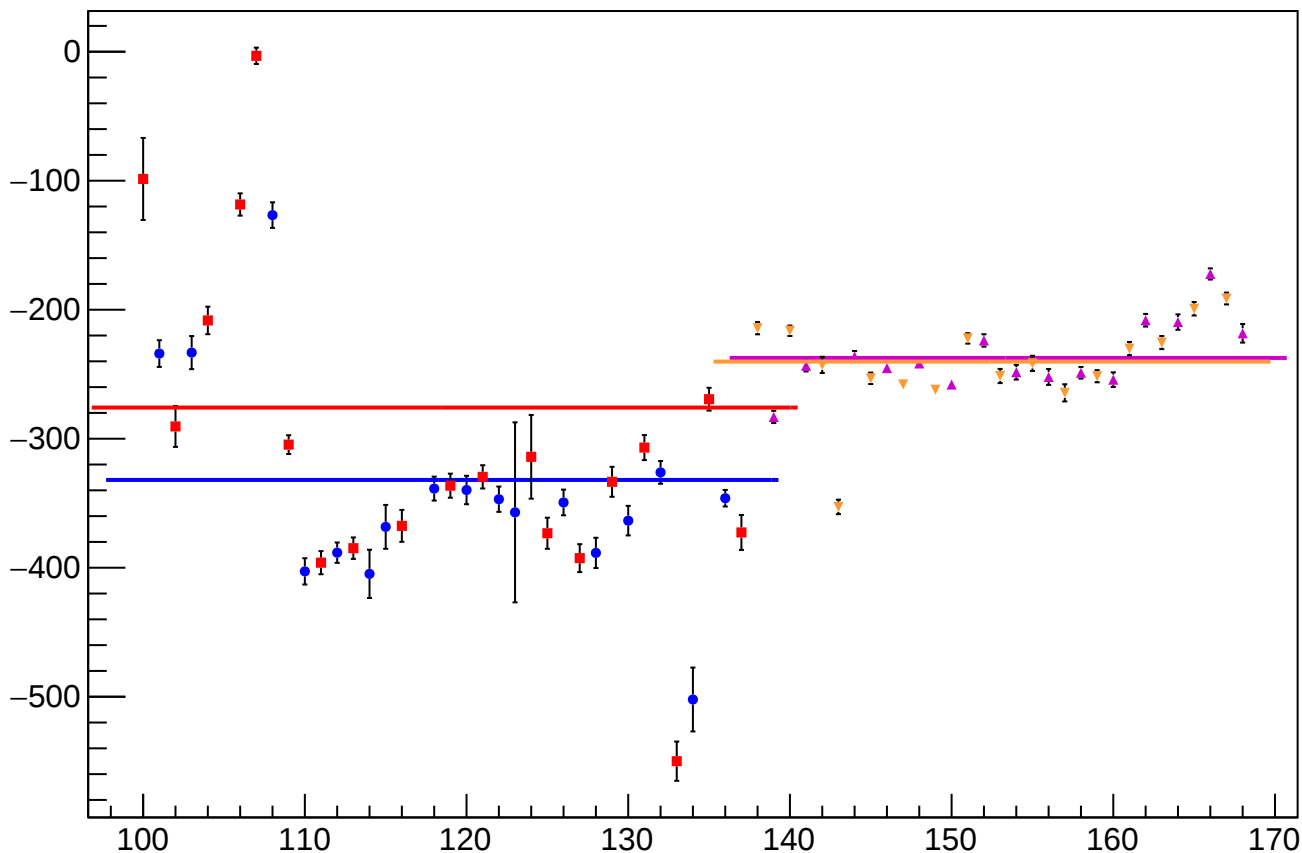
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 7.384+/-0.729 χ^2/NDF : 767.9/31

Out: 6.072+/-0.684 χ^2/NDF : 808.5/34

All: 6.686+/-0.499 χ^2/NDF : 1578.1/66

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -240.218 ± 1.193 χ^2/NDF : 759.8/15

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -237.382 ± 1.211 χ^2/NDF : 455.3/14

Left: -238.821 ± 0.850 χ^2/NDF : 1217.9/30

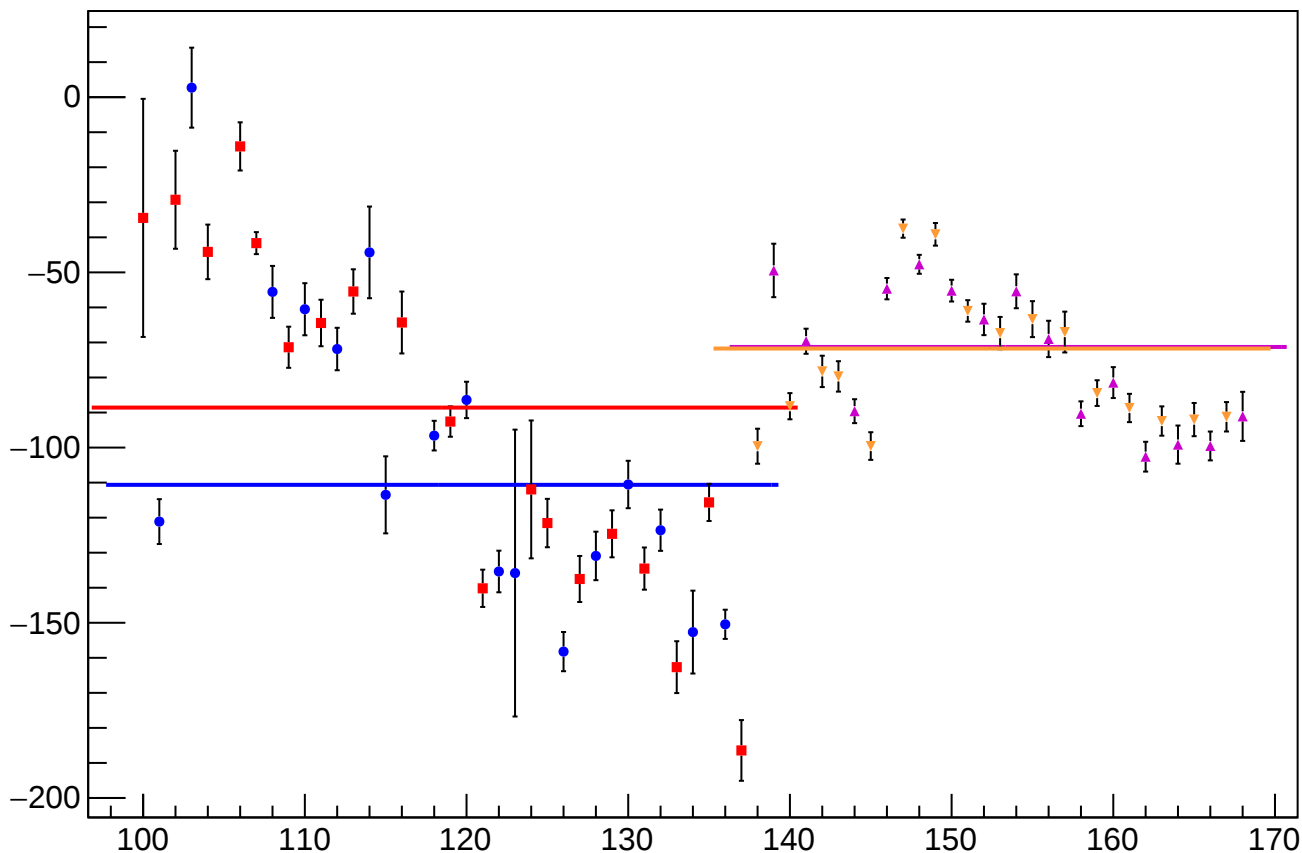
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -254.591 ± 1.095 χ^2/NDF : 2350.9/31

Out: -247.657 ± 1.061 χ^2/NDF : 4307.6/34

All: -251.016 ± 0.762 χ^2/NDF : 6679.2/66

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -71.734 ± 0.982 $\chi^2/\text{NDF}: 491.7/15$

Right Out: -88.586 ± 1.433 $\chi^2/\text{NDF}: 966.5/18$

Left In: -71.284 ± 1.021 $\chi^2/\text{NDF}: 354.2/14$

Left: -71.518 ± 0.708 $\chi^2/\text{NDF}: 846.0/30$

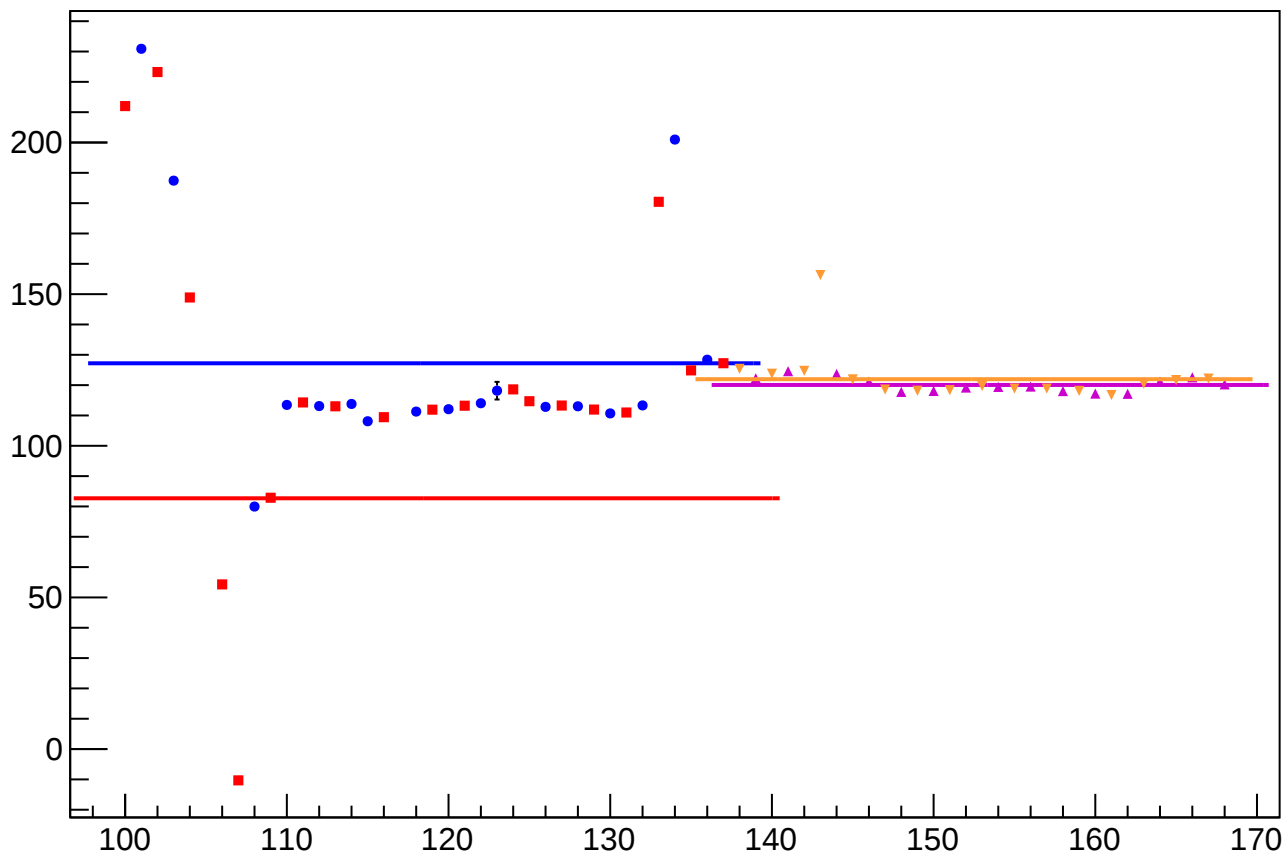
Right: -98.530 ± 1.062 $\chi^2/\text{NDF}: 1582.1/35$

In: -82.860 ± 0.858 $\chi^2/\text{NDF}: 1300.2/31$

Out: -77.116 ± 0.810 $\chi^2/\text{NDF}: 1552.3/34$

All: -79.824 ± 0.589 $\chi^2/\text{NDF}: 2876.2/66$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.958 $\pm$ 0.048 χ^2 /NDF: 26747.3/15

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.059 $\pm$ 0.049 χ^2 /NDF: 2383.4/14

Left: 121.019 $\pm$ 0.034 χ^2 /NDF: 29906.0/30

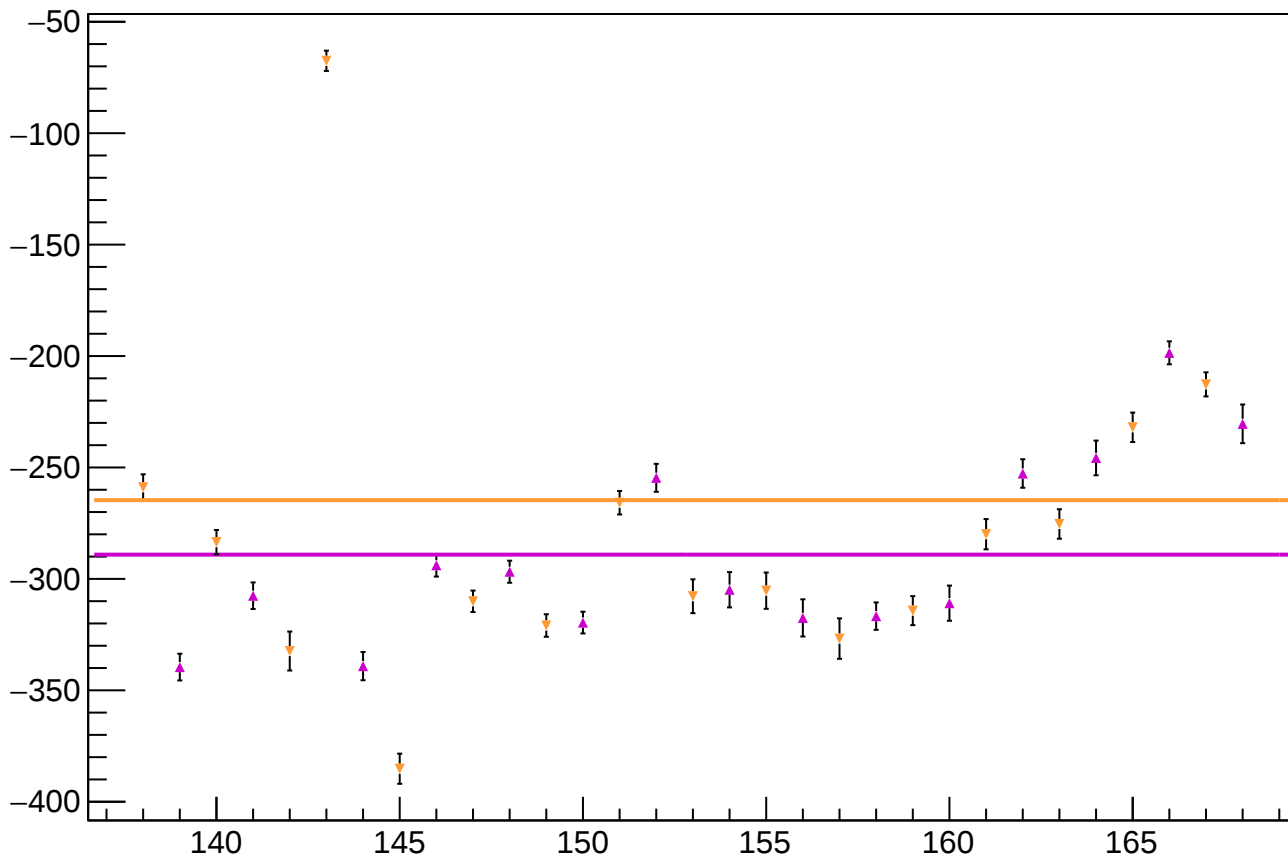
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.692 $\pm$ 0.043 χ^2 /NDF: 195368.3/31

Out: 110.620 $\pm$ 0.040 χ^2 /NDF: 985972.0/34

All: 115.869 $\pm$ 0.029 χ^2 /NDF: 1216853.7/66

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -264.675 $\pm$ 1.517 χ^2/NDF :2767.8/15

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -289.123 $\pm$ 1.596 χ^2/NDF :676.8/14

Left: -276.279 $\pm$ 1.099 χ^2/NDF : 3568.0/30

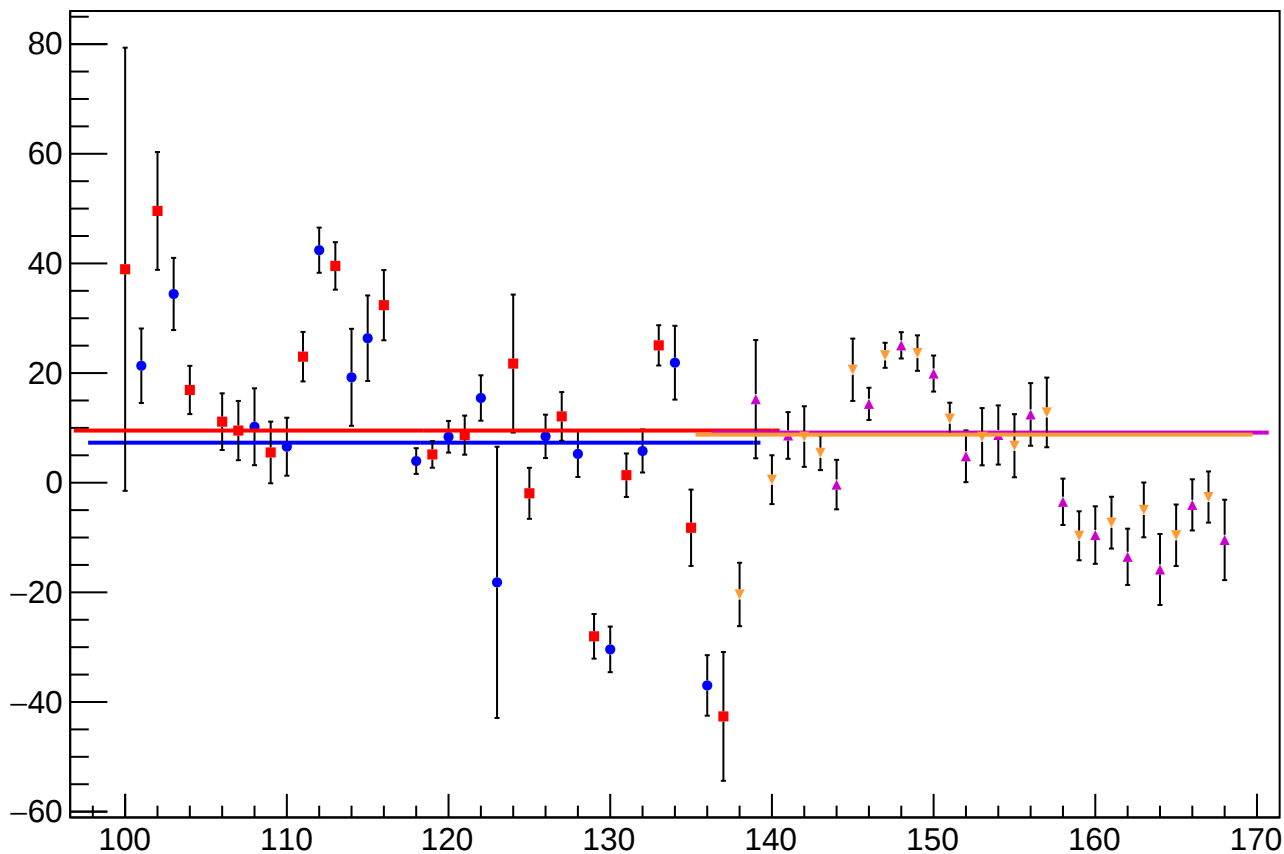
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -289.123 $\pm$ 1.596 χ^2/NDF :676.8/14

Out: -264.675 $\pm$ 1.517 χ^2/NDF :2767.8/15

All: -276.279 $\pm$ 1.099 χ^2/NDF : 3568.0/30

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 8.771 ± 1.024 χ^2/NDF : 149.9/15

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 9.146 ± 1.102 χ^2/NDF : 134.9/14

Left: 8.945 ± 0.750 χ^2/NDF : 284.9/30

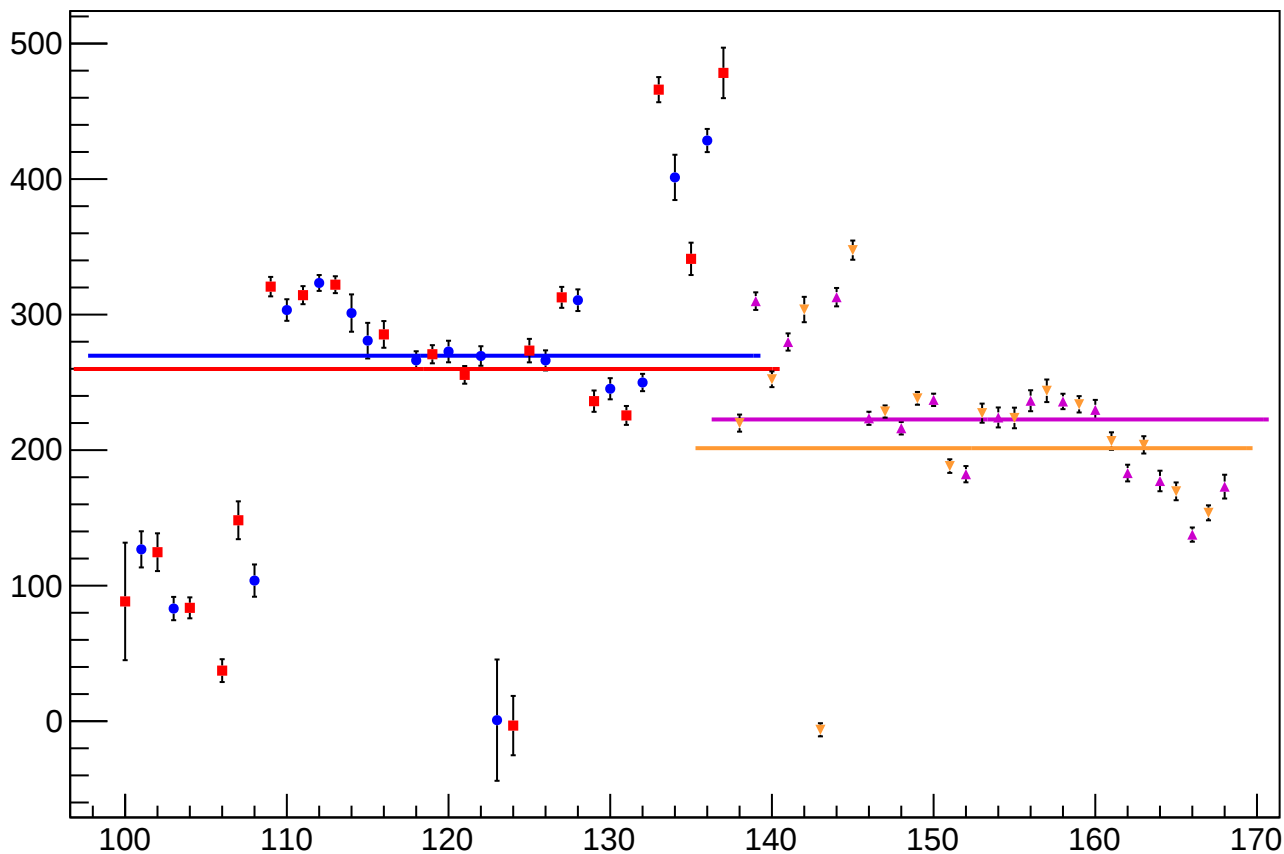
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 8.211 ± 0.773 χ^2/NDF : 397.0/31

Out: 9.125 ± 0.741 χ^2/NDF : 381.9/34

All: 8.688 ± 0.535 χ^2/NDF : 779.6/66

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: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 222.635 $\pm$ 1.556 χ^2 /NDF: 876.8/14

Left: 211.629 $\pm$ 1.079 χ^2 /NDF: 3716.2/30

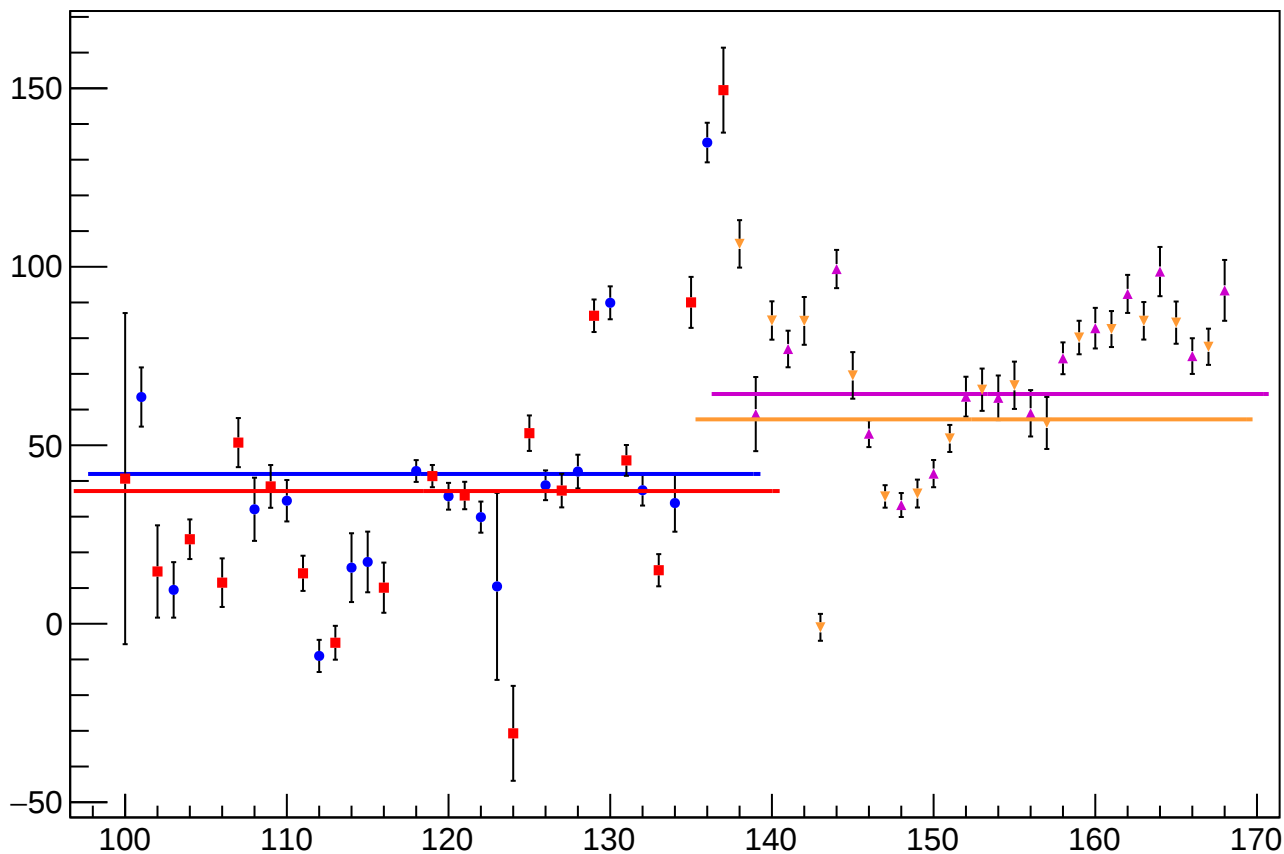
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 239.550 $\pm$ 1.245 χ^2 /NDF: 2582.0/31

Out: 222.737 $\pm$ 1.193 χ^2 /NDF: 5841.9/34

All: 230.787 $\pm$ 0.862 χ^2 /NDF: 8519.0/66

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 57.258 ± 1.224 $\chi^2/\text{NDF}: 535.8/15$

Right Out: 37.174 ± 1.236 $\chi^2/\text{NDF}: 470.9/18$

Left In: 64.361 ± 1.310 $\chi^2/\text{NDF}: 262.5/14$

Left: 60.568 ± 0.894 $\chi^2/\text{NDF}: 814.1/30$

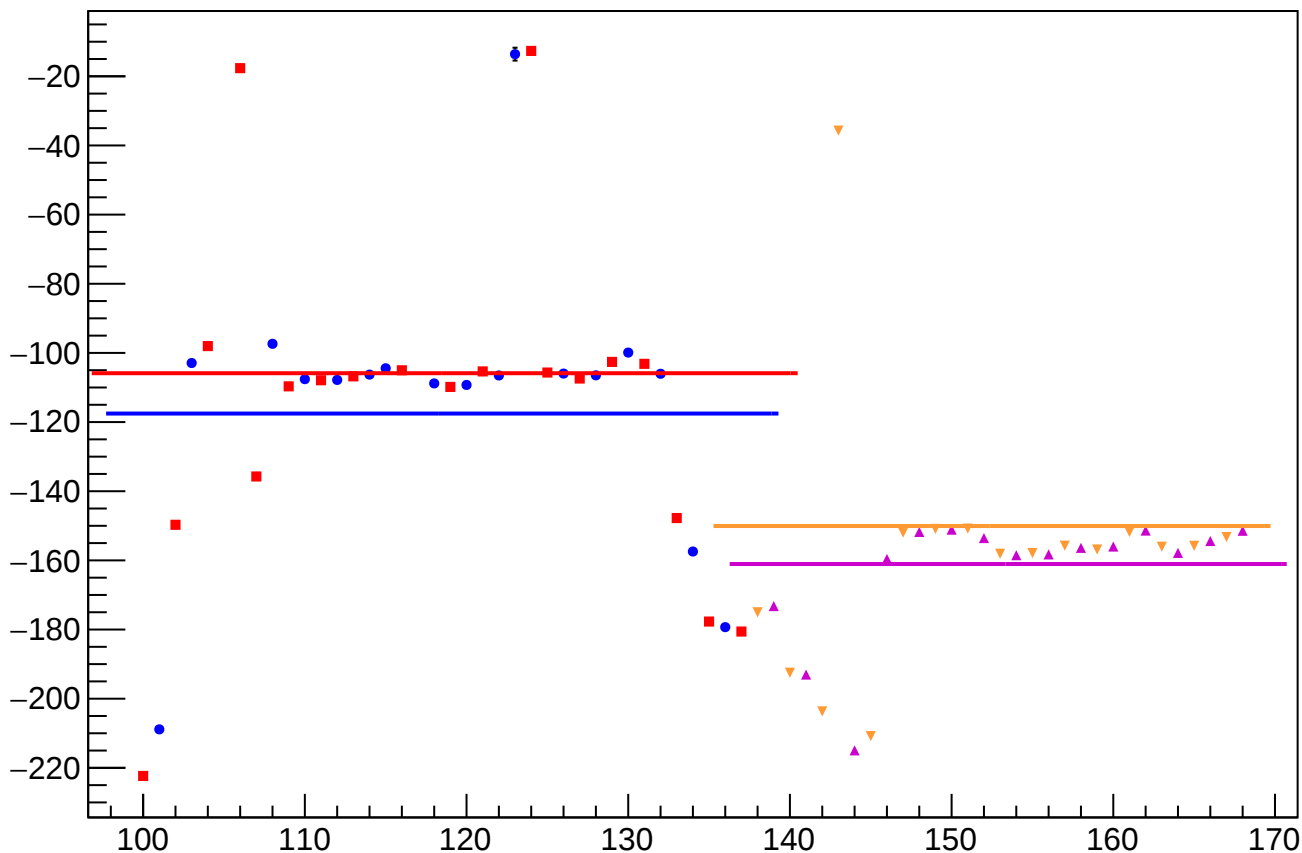
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/35$

In: 52.709 ± 0.907 $\chi^2/\text{NDF}: 988.9/31$

Out: 47.314 ± 0.869 $\chi^2/\text{NDF}: 1140.1/34$

All: 49.896 ± 0.628 $\chi^2/\text{NDF}: 2147.4/66$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -150.064 ± 0.060 $\chi^2/\text{NDF}: 454305.2/15$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -161.053 ± 0.062 $\chi^2/\text{NDF}: 61462.1/14$

Left: -155.370 ± 0.043 $\chi^2/\text{NDF}: 531812.8/30$

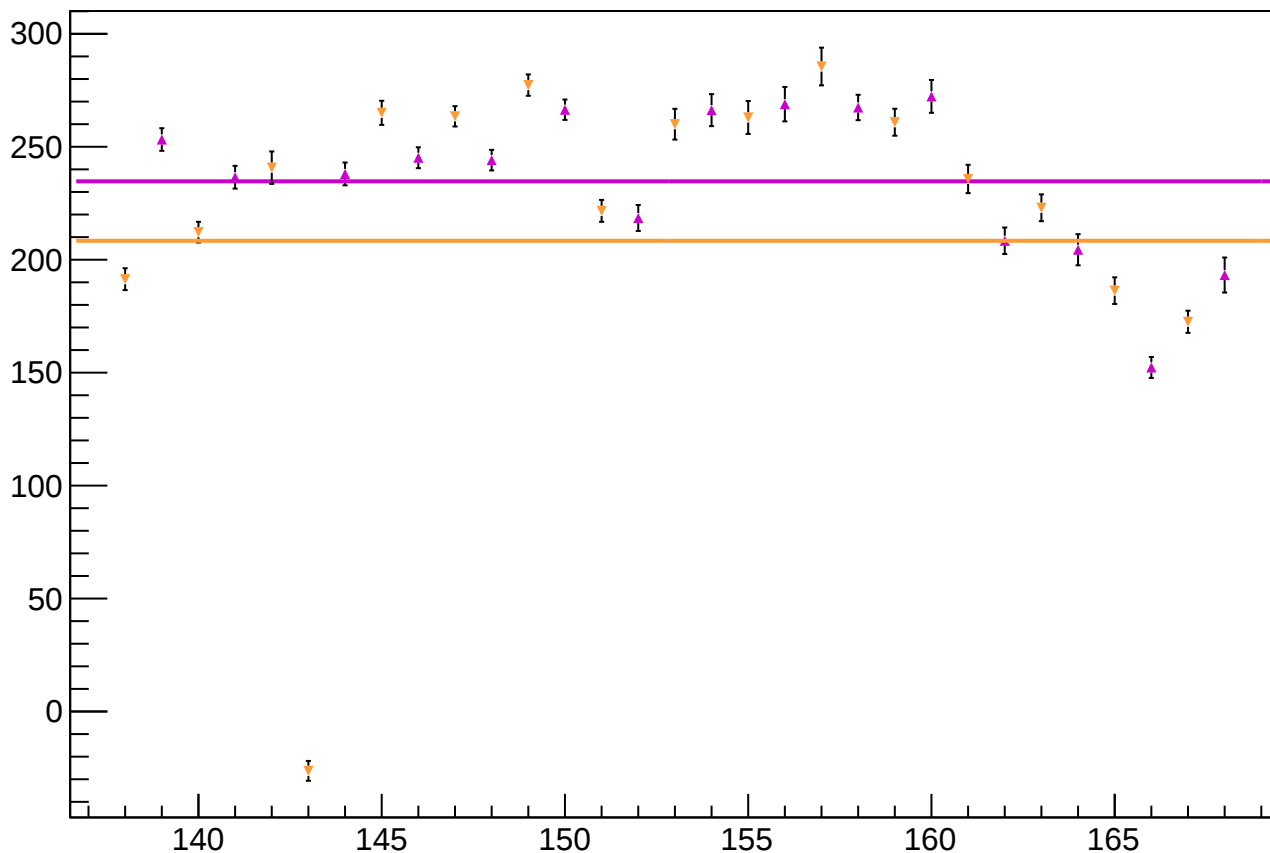
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -144.107 ± 0.049 $\chi^2/\text{NDF}: 392982.6/31$

Out: -132.079 ± 0.046 $\chi^2/\text{NDF}: 997354.9/34$

All: -137.799 ± 0.034 $\chi^2/\text{NDF}: 1422261.5/66$

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

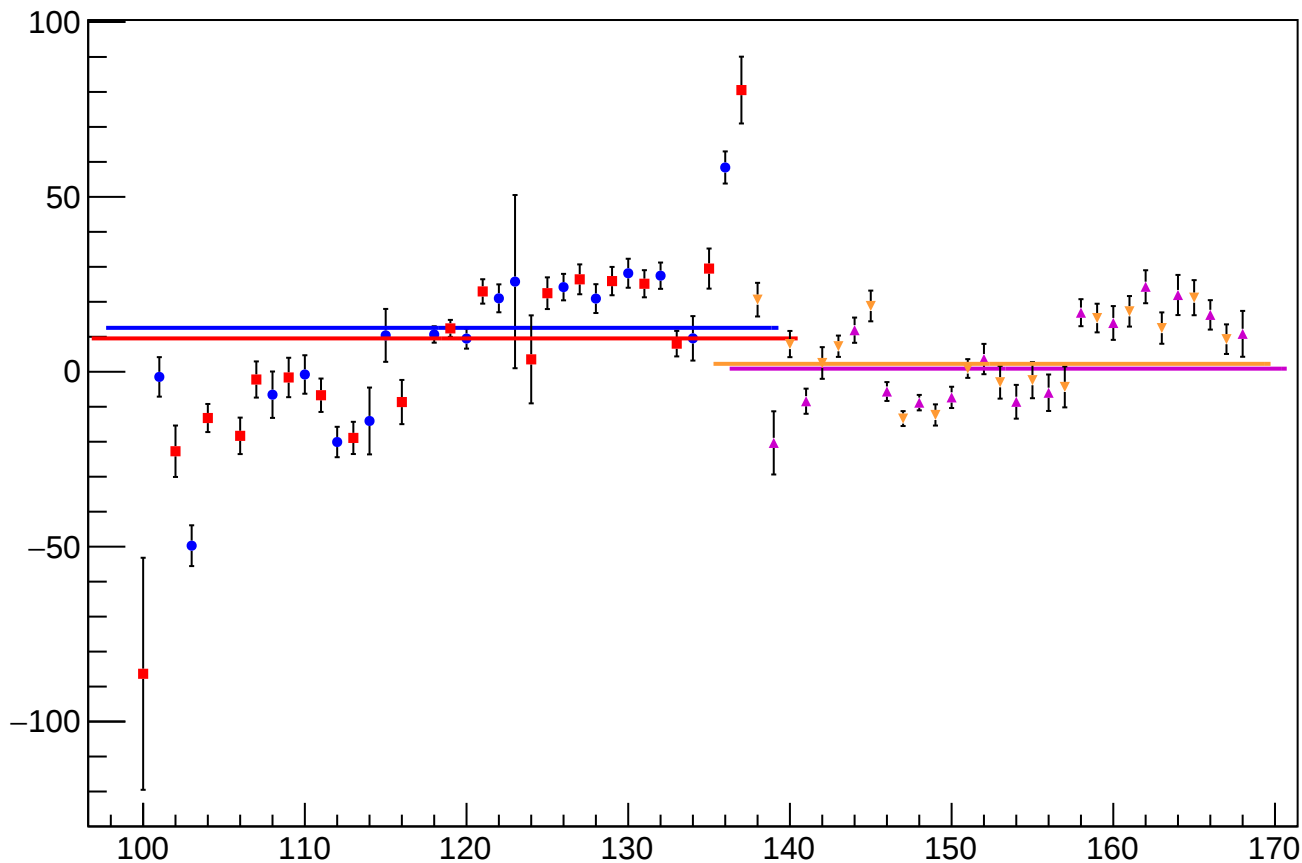
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 0.888+/-0.993 χ^2/NDF :138.3/14

Left: 1.625+/-0.678 χ^2/NDF : 298.0/30

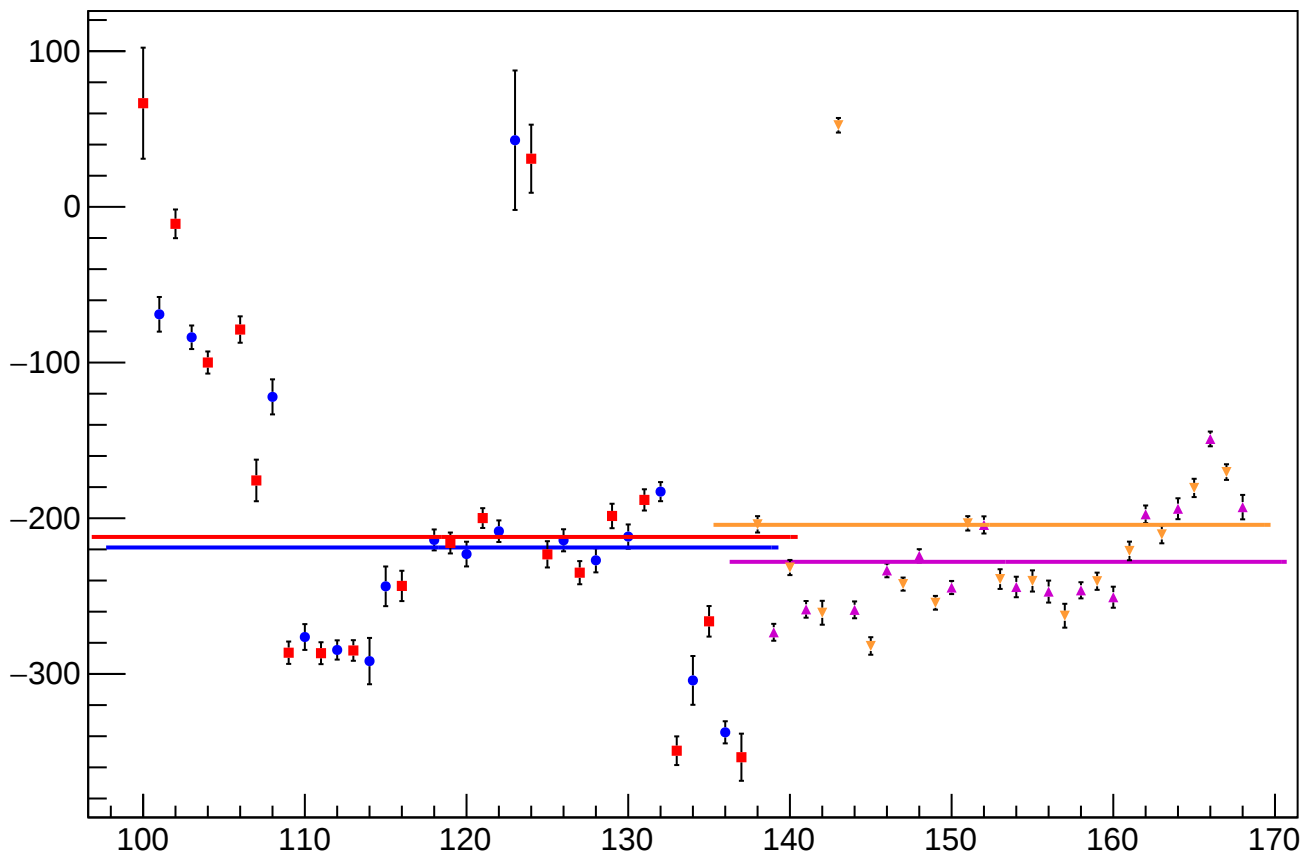
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 6.355+/-0.724 χ^2/NDF :551.6/31

Out: 5.460+/-0.695 χ^2/NDF :481.5/34

All: 5.889+/-0.501 χ^2/NDF : 1033.8/66

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -204.231 ± 1.348 $\chi^2/\text{NDF}: 3713.4/15$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -227.987 ± 1.394 $\chi^2/\text{NDF}: 560.7/14$

Left: -215.708 ± 0.969 $\chi^2/\text{NDF}: 4424.2/30$

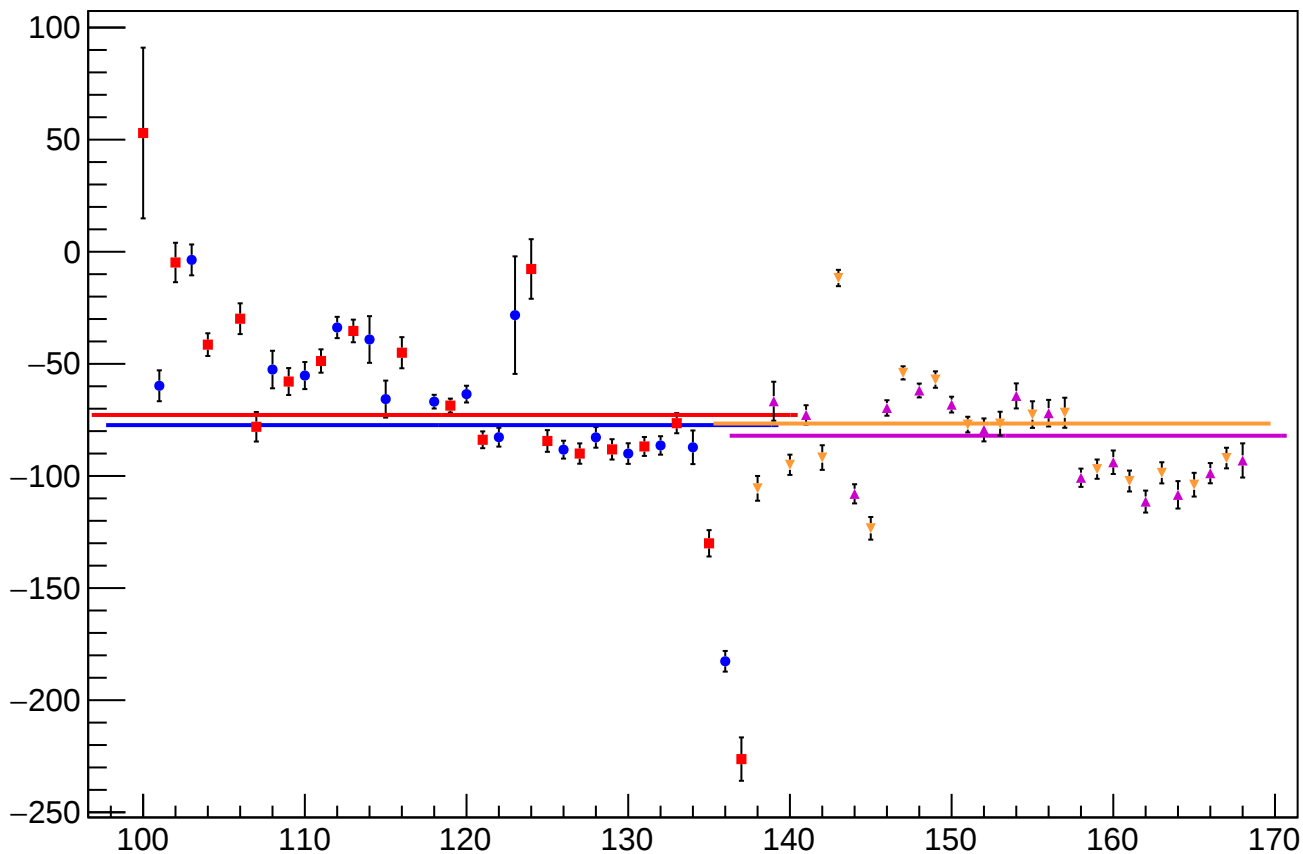
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -224.993 ± 1.146 $\chi^2/\text{NDF}: 1719.3/31$

Out: -206.791 ± 1.104 $\chi^2/\text{NDF}: 5610.1/34$

All: -215.554 ± 0.795 $\chi^2/\text{NDF}: 7460.3/66$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.621 ± 1.107 χ^2/NDF : 655.6/15

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -82.047 ± 1.178 χ^2/NDF : 225.2/14

Left: -79.165 ± 0.807 χ^2/NDF : 892.0/30

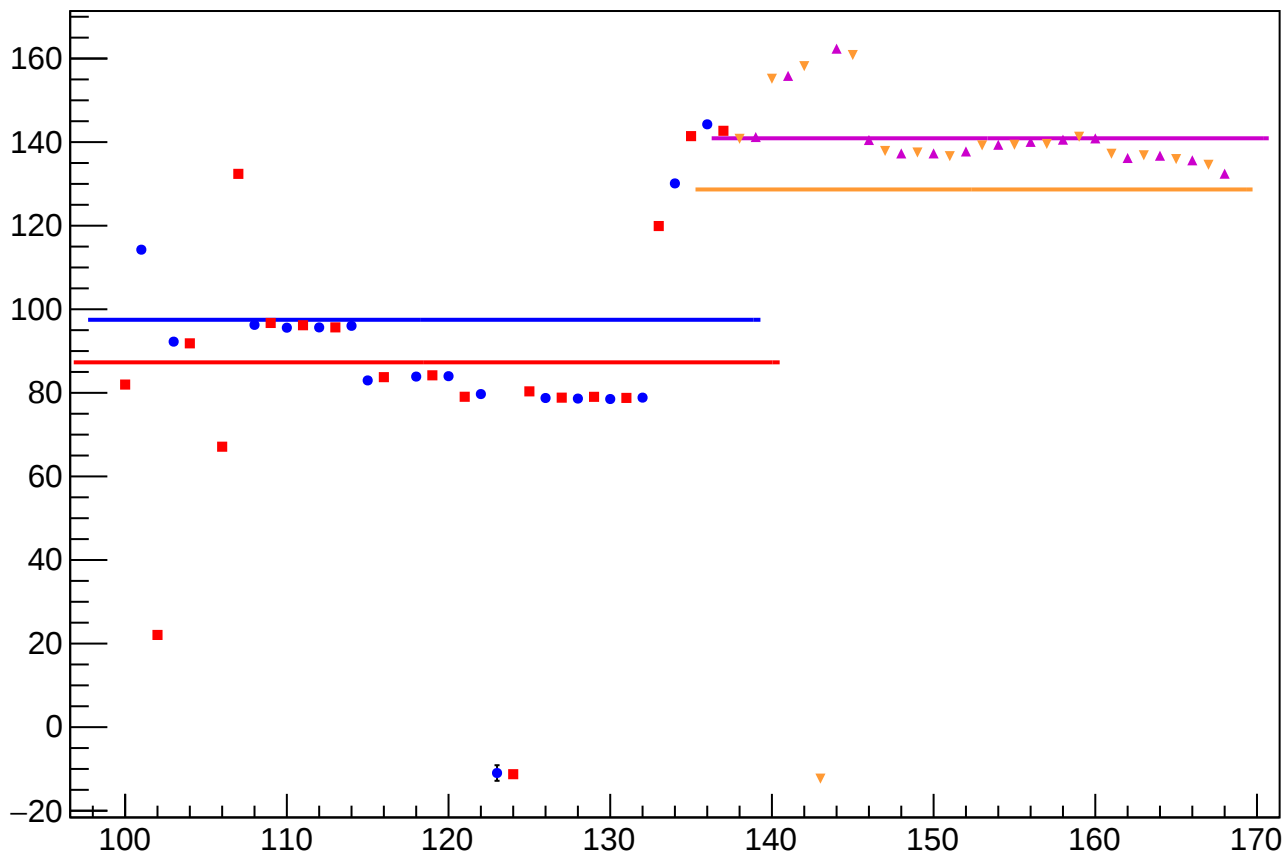
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.769 ± 0.848 χ^2/NDF : 1050.6/31

Out: -74.874 ± 0.816 χ^2/NDF : 1332.8/34

All: -77.226 ± 0.588 χ^2/NDF : 2400.7/66

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 128.669+/-0.054 χ^2/NDF : 630586.1/15

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 140.915+/-0.056 χ^2/NDF : 16136.0/14

Left: 134.608+/-0.039 χ^2/NDF : 671469.2/30

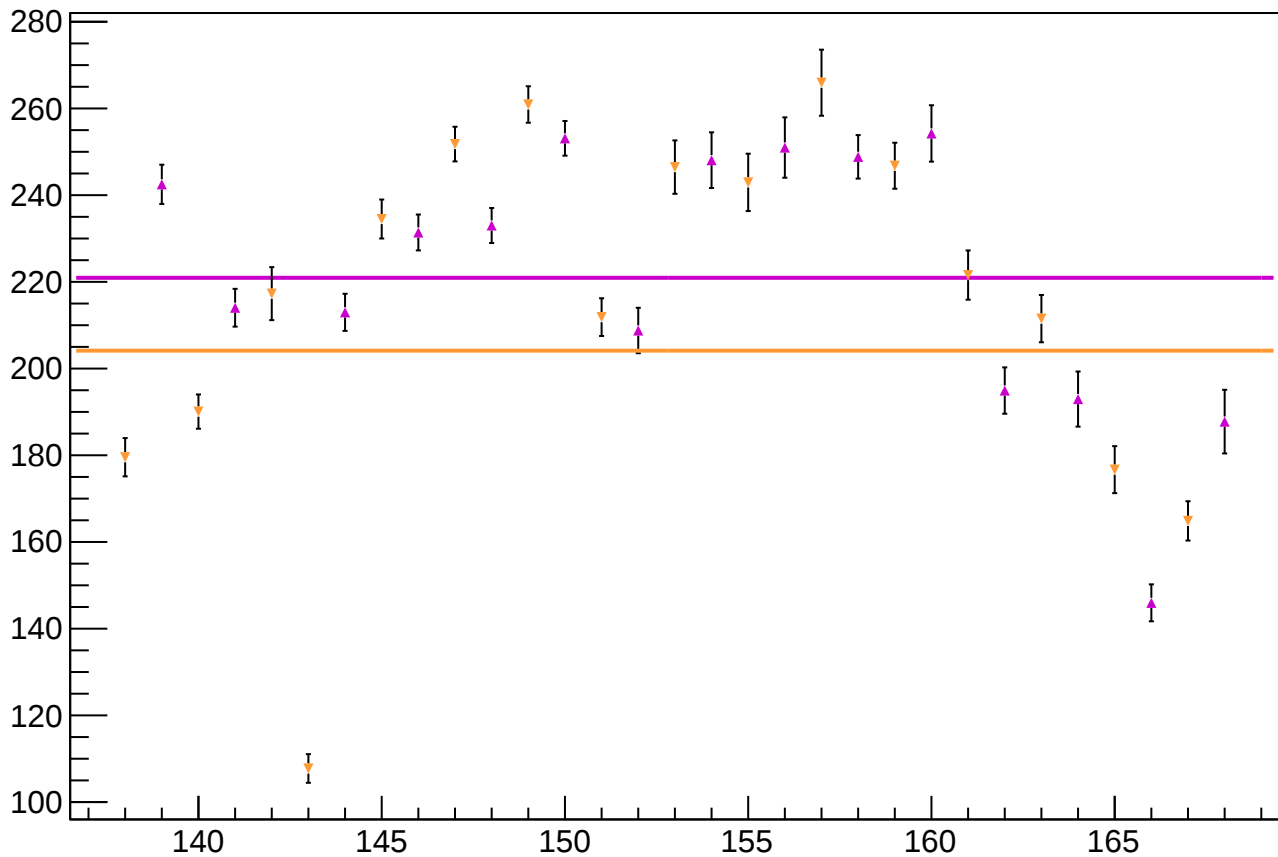
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 124.974+/-0.044 χ^2/NDF : 332355.5/31

Out: 112.657+/-0.042 χ^2/NDF : 1077873.3/34

All: 118.531+/-0.031 χ^2/NDF : 1450396.9/66

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

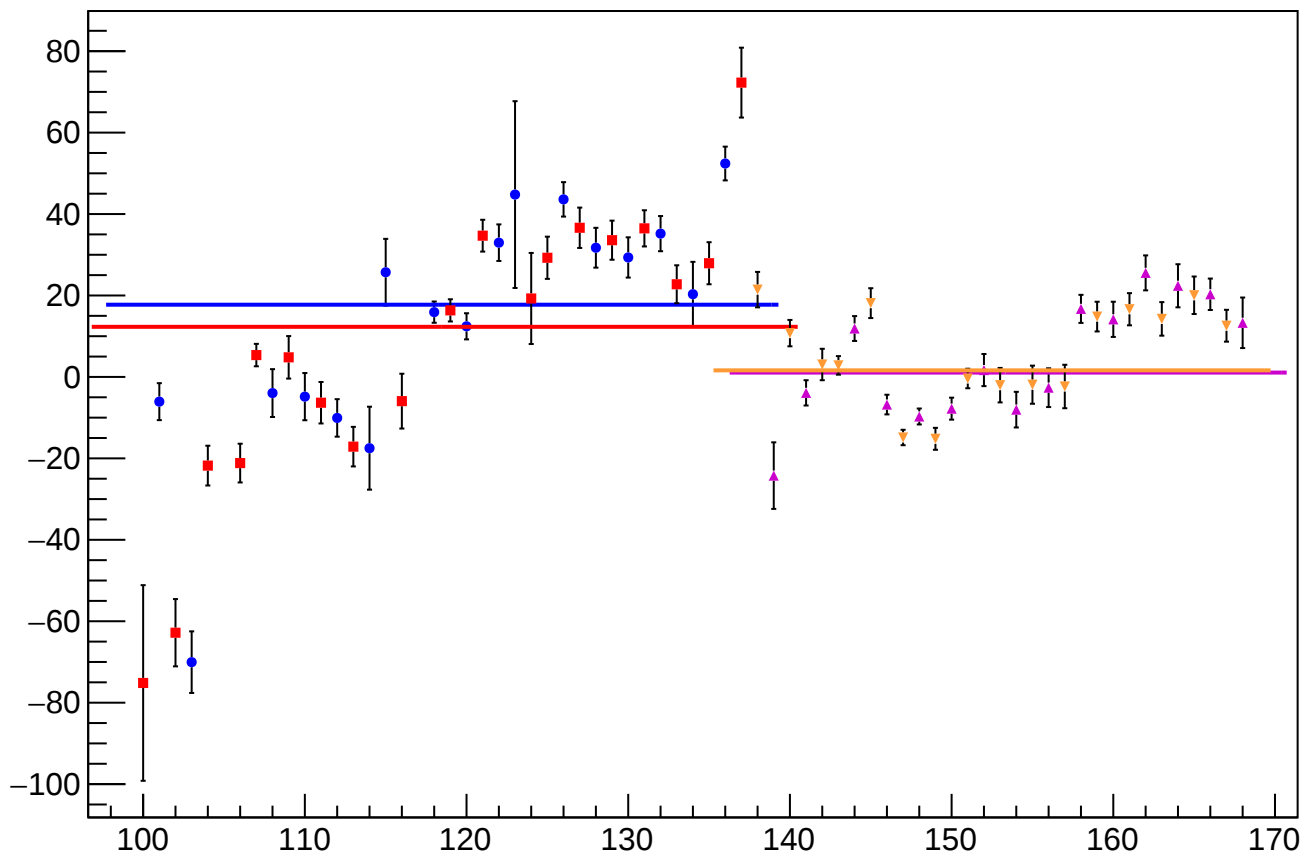
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 1.149 χ^2/NDF : 394.0/16

Left Out: 1.613 ± 0.811 χ^2/NDF : 227.5/15

Right Out: 12.306 ± 1.084 χ^2/NDF : 442.5/18

Left In: 1.069 ± 0.885 χ^2/NDF : 188.6/14

Left: 1.365 ± 0.598 χ^2/NDF : 416.3/30

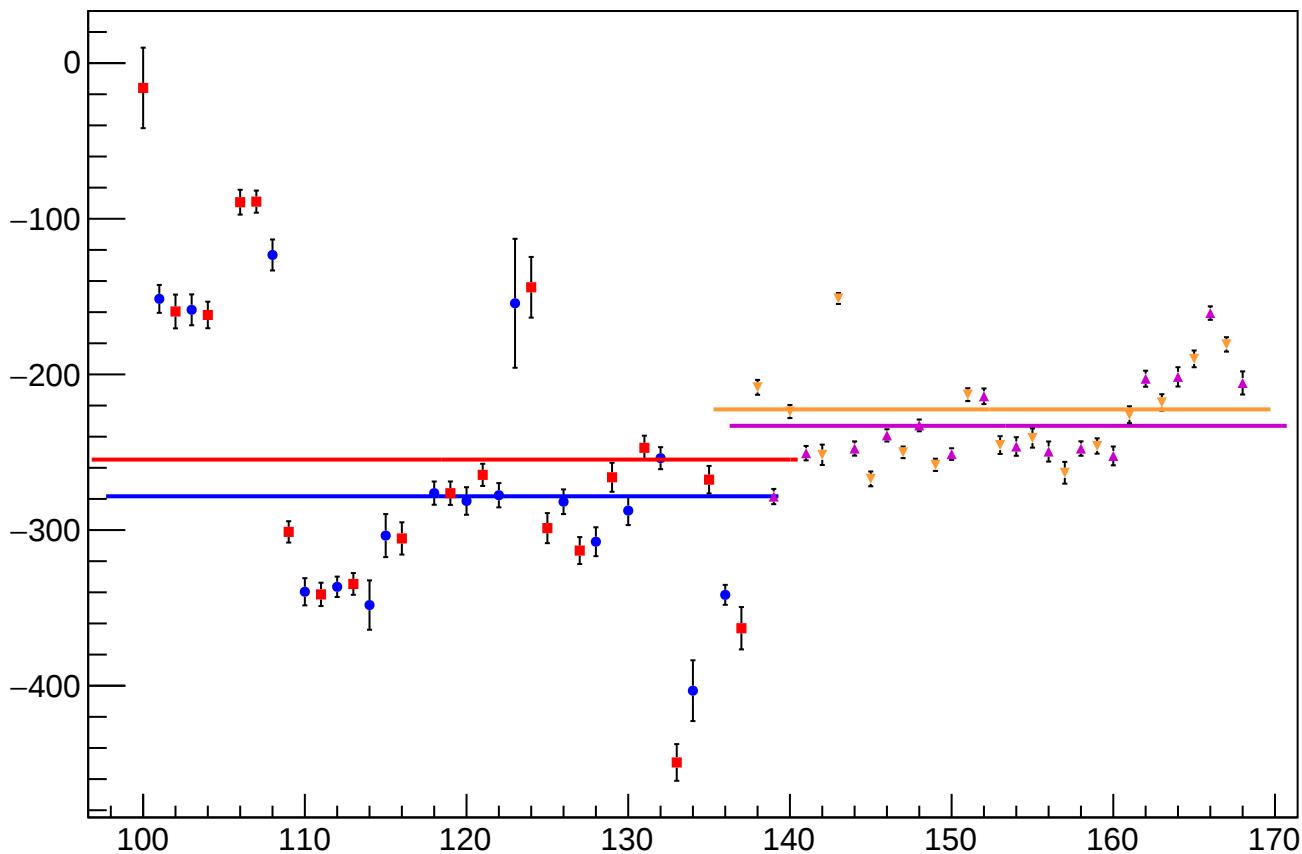
Right: 14.864 ± 0.788 χ^2/NDF : 848.3/35

In: 7.276 ± 0.701 χ^2/NDF : 714.8/31

Out: 5.451 ± 0.649 χ^2/NDF : 732.3/34

All: 6.294 ± 0.476 χ^2/NDF : 1450.7/66

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: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -233.027 ± 1.248 χ^2/NDF : 535.0/14

Left: -227.466 ± 0.859 χ^2/NDF : 1439.8/30

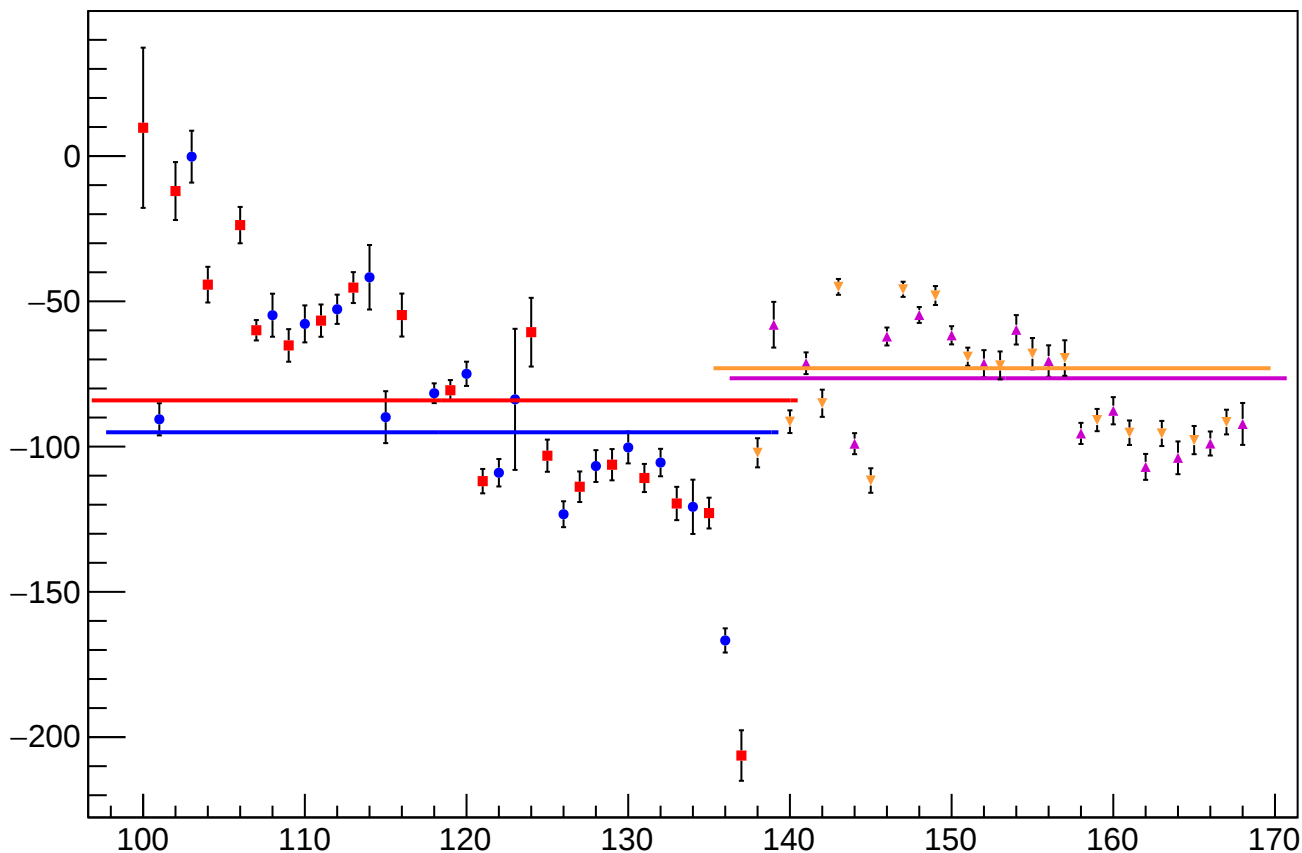
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -244.263 ± 1.082 χ^2/NDF : 1771.4/31

Out: -230.722 ± 1.022 χ^2/NDF : 3095.0/34

All: -237.105 ± 0.743 χ^2/NDF : 4949.2/66

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.027 ± 0.969 χ^2/NDF : 542.7/15

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -76.482 ± 1.052 χ^2/NDF : 304.1/14

Left: -74.613 ± 0.713 χ^2/NDF : 852.7/30

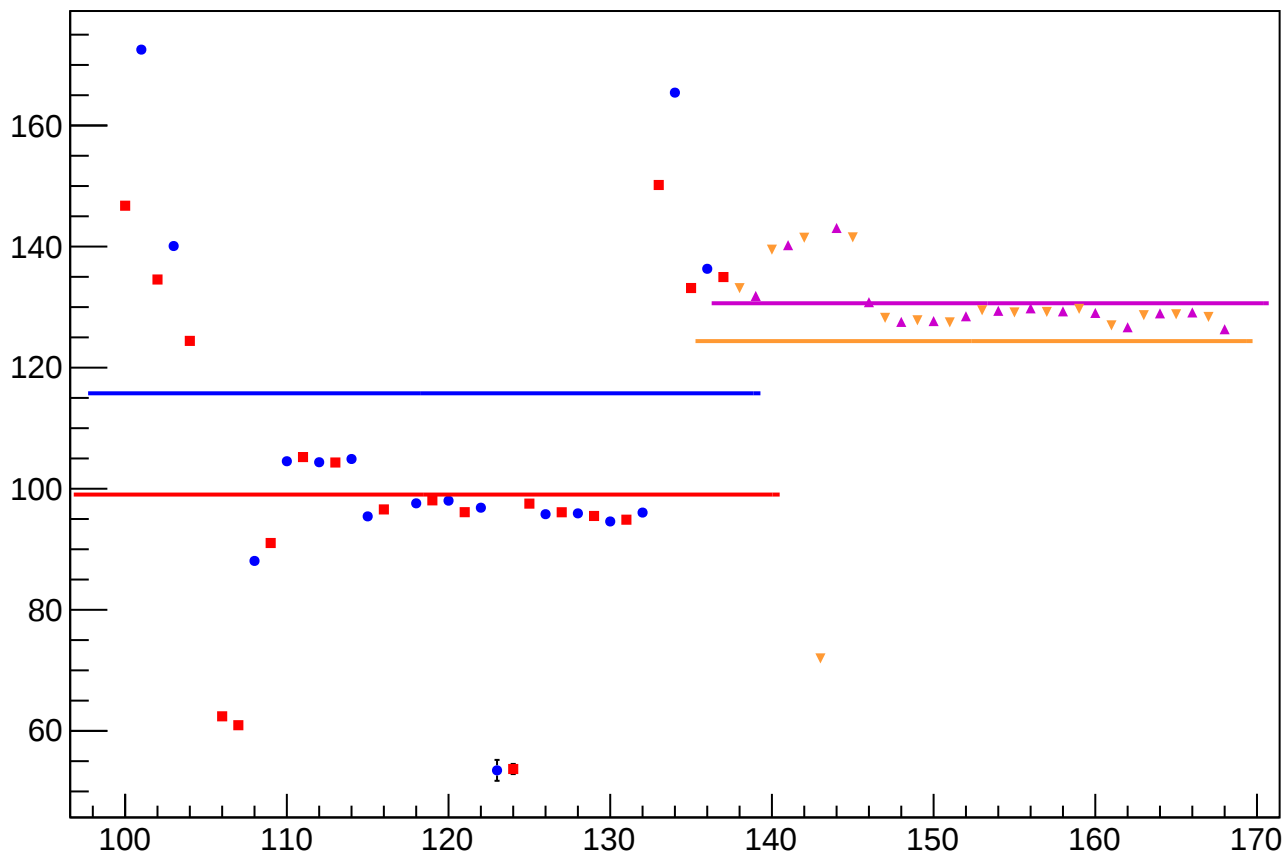
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -83.665 ± 0.824 χ^2/NDF : 1098.1/31

Out: -77.153 ± 0.768 χ^2/NDF : 1371.7/34

All: -80.179 ± 0.562 χ^2/NDF : 2503.2/66

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 124.385 $\pm$ 0.048 χ^2 /NDF:162995.2/15

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 130.637 $\pm$ 0.050 χ^2 /NDF:8239.7/14

Left: 127.360 $\pm$ 0.035 χ^2 /NDF: 179399.5/30

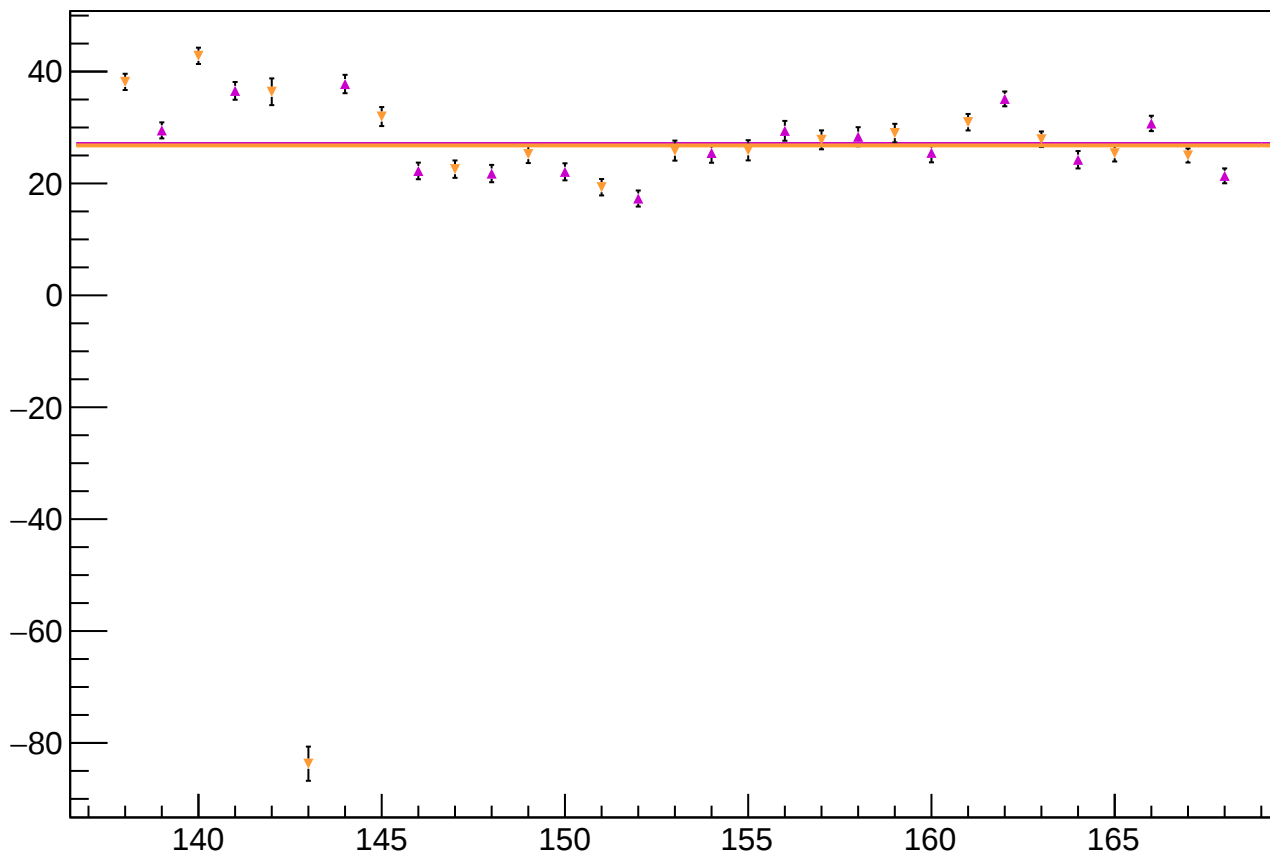
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 126.301 $\pm$ 0.042 χ^2 /NDF:140243.3/31

Out: 116.096 $\pm$ 0.039 χ^2 /NDF:428684.3/34

All: 120.822 $\pm$ 0.029 χ^2 /NDF: 600382.0/66

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.800+/-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

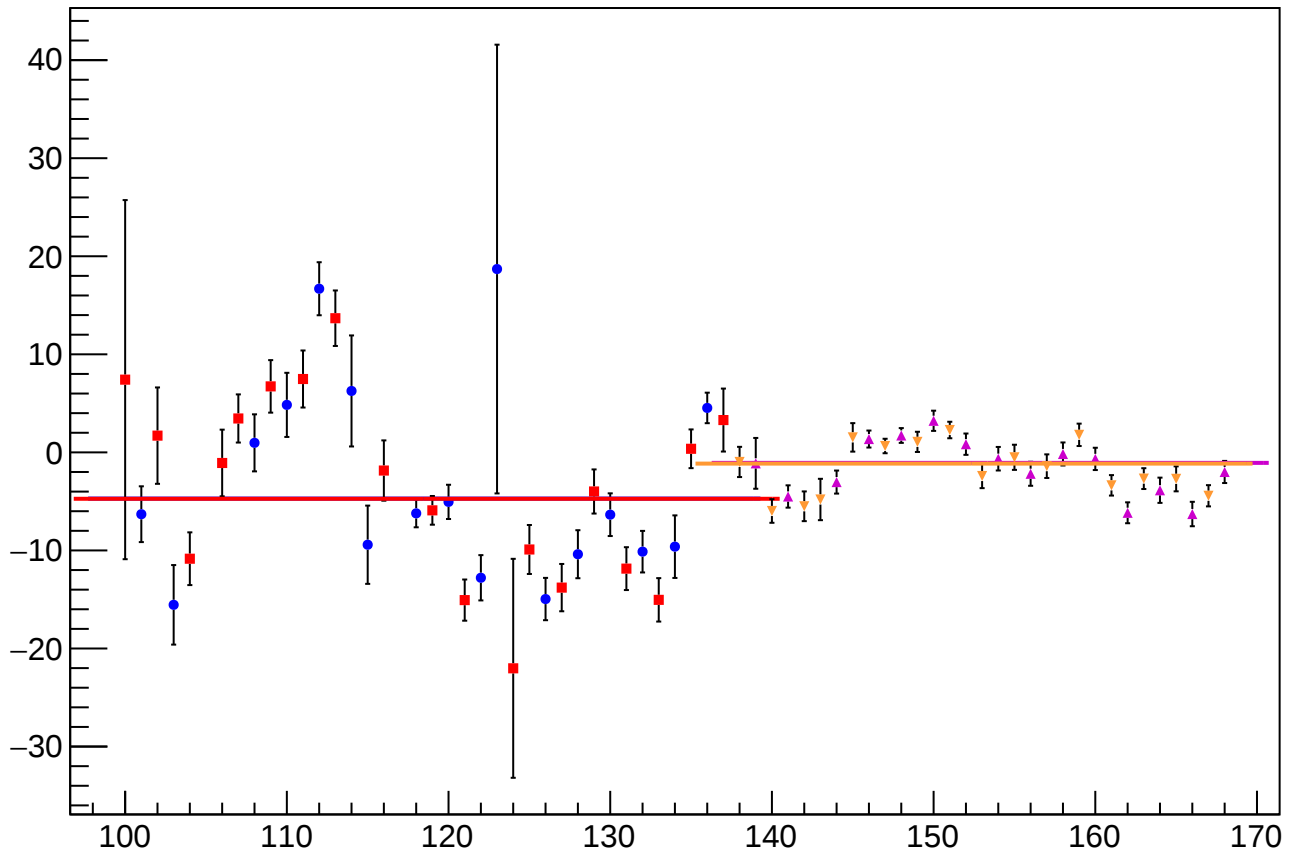
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -1.071 ± 0.285 χ^2/NDF : 101.3/14

Left: -1.108 ± 0.201 χ^2/NDF : 184.5/30

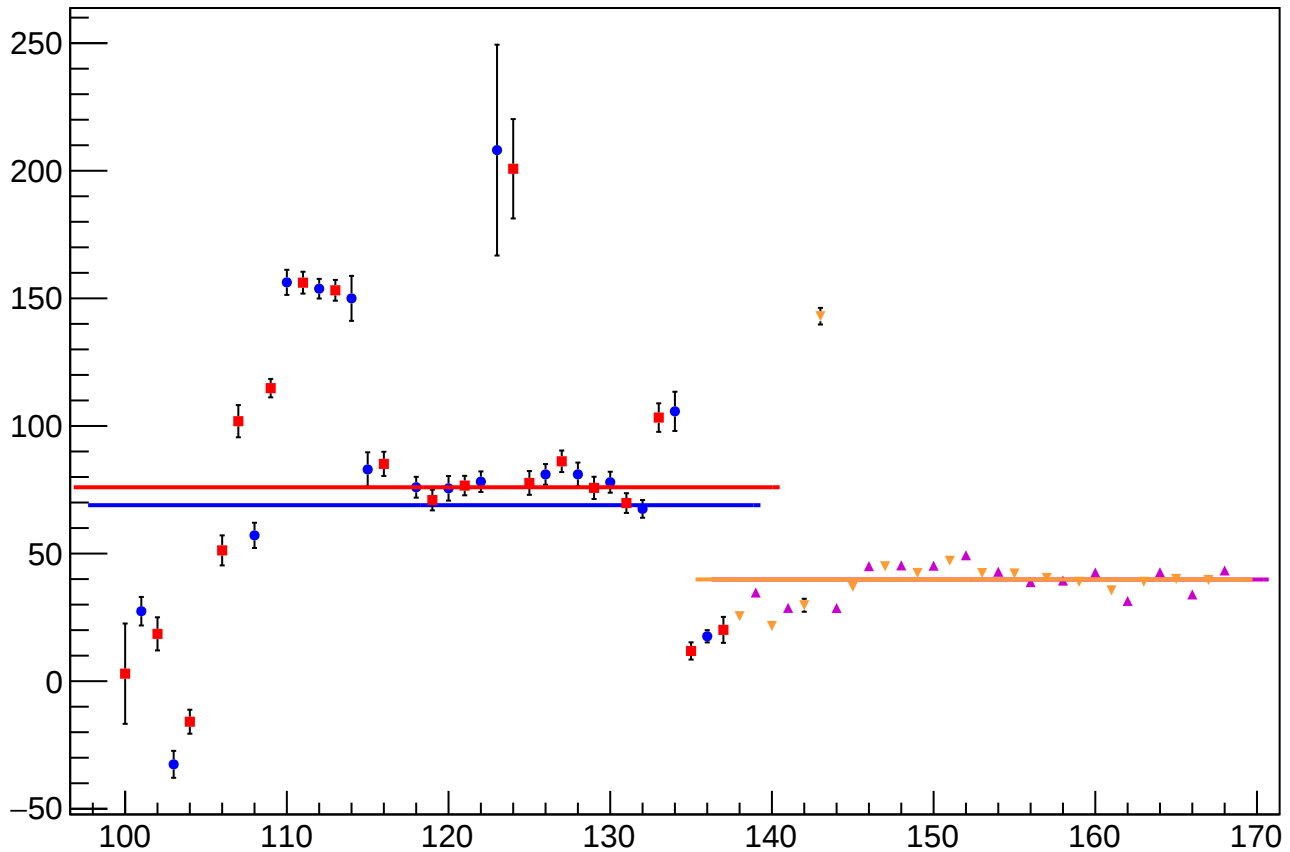
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.778 ± 0.256 χ^2/NDF : 307.7/31

Out: -1.828 ± 0.255 χ^2/NDF : 303.3/34

All: -1.803 ± 0.181 χ^2/NDF : 611.0/66

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 39.868 $\pm$ 0.393 χ^2 /NDF:1298.4/15

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 39.837 $\pm$ 0.385 χ^2 /NDF:263.1/14

Left: 39.852 $\pm$ 0.275 χ^2 /NDF: 1561.5/30

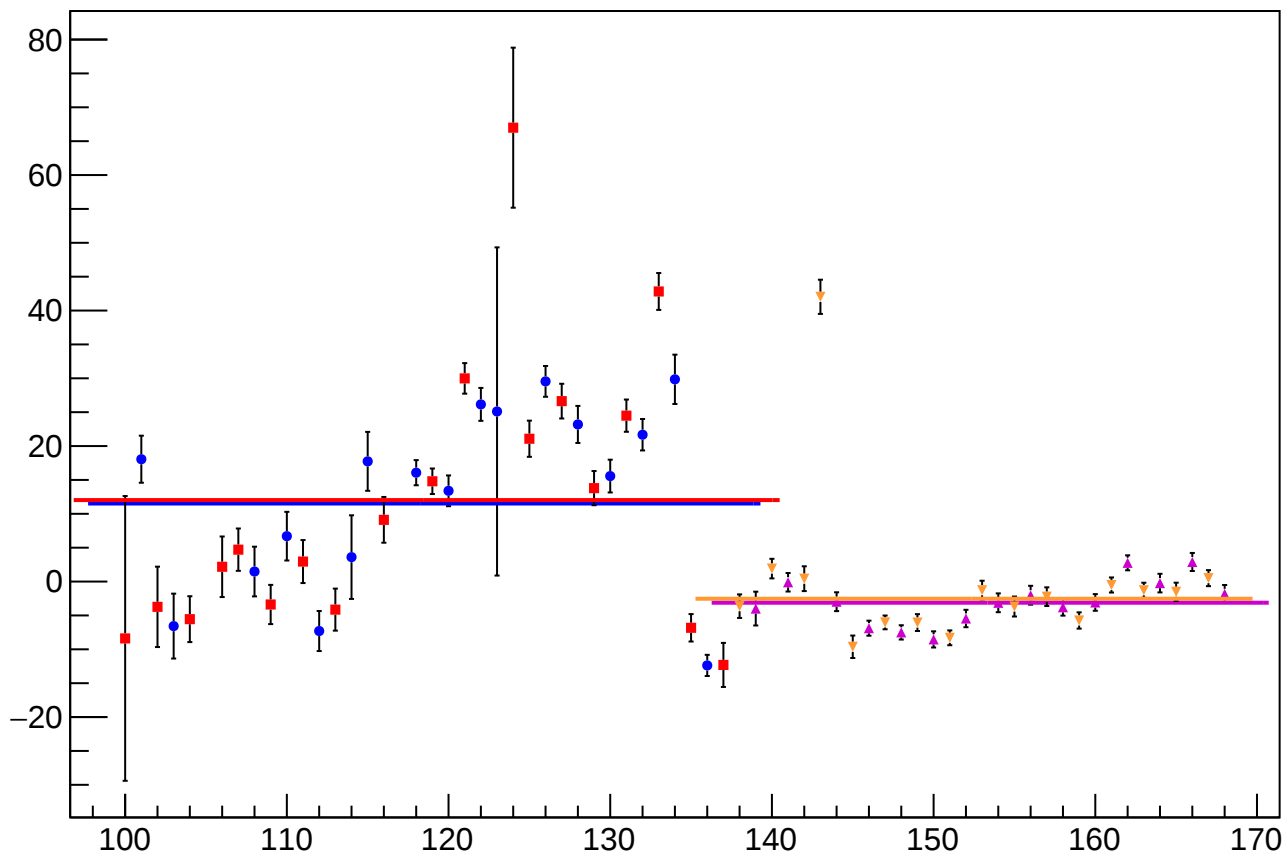
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 43.128 $\pm$ 0.363 χ^2 /NDF:2753.4/31

Out: 44.163 $\pm$ 0.369 χ^2 /NDF:4198.0/34

All: 43.637 $\pm$ 0.259 χ^2 /NDF: 6955.4/66

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: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -3.122 ± 0.332 $\chi^2/\text{NDF}: 112.6/14$

Left: -2.827 ± 0.234 $\chi^2/\text{NDF}: 524.4/30$

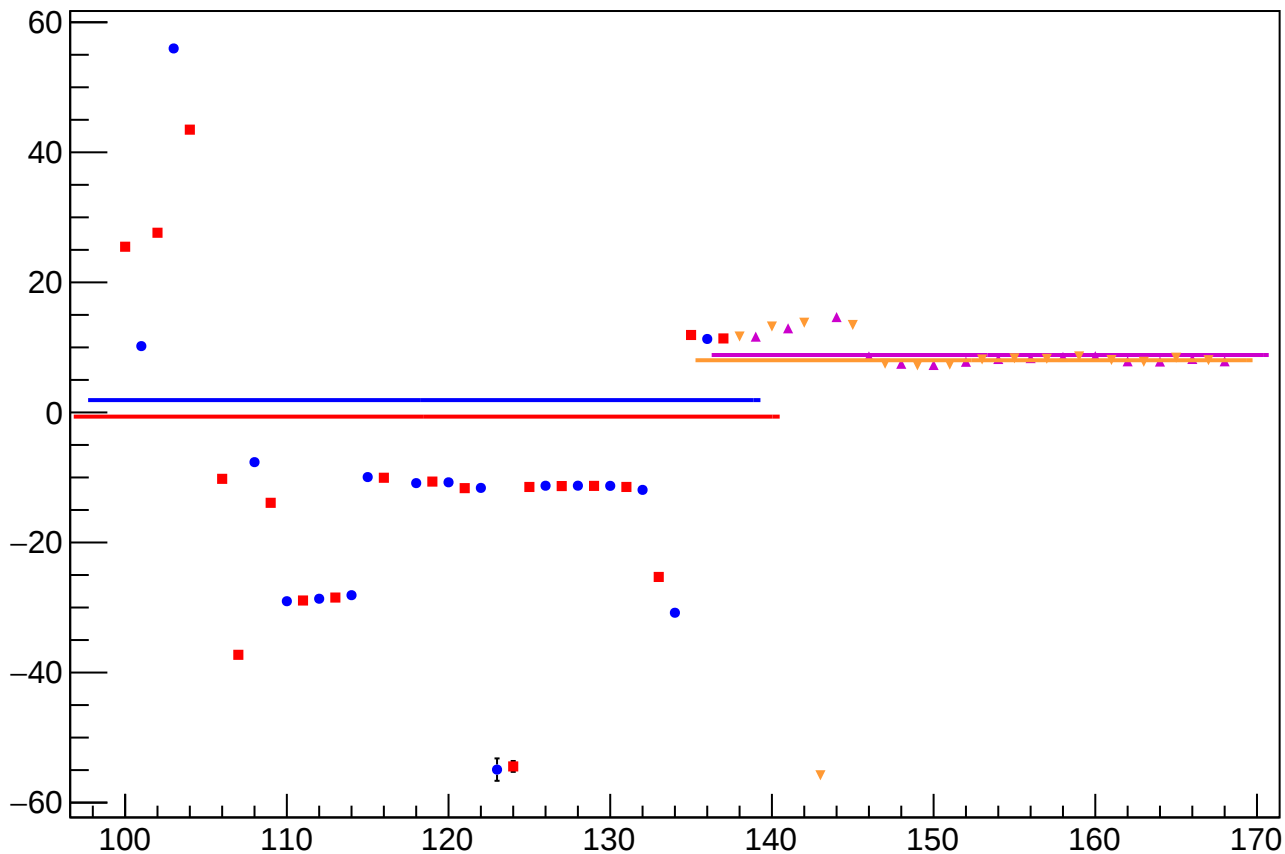
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.163 ± 0.297 $\chi^2/\text{NDF}: 982.8/31$

Out: 0.356 ± 0.296 $\chi^2/\text{NDF}: 1335.1/34$

All: 0.097 ± 0.209 $\chi^2/\text{NDF}: 2319.4/66$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.026 ± 0.015 χ^2/NDF : 256514.3/15

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 8.832 ± 0.015 χ^2/NDF : 14866.4/14

Left: 8.437 ± 0.011 χ^2/NDF : 272767.3/30

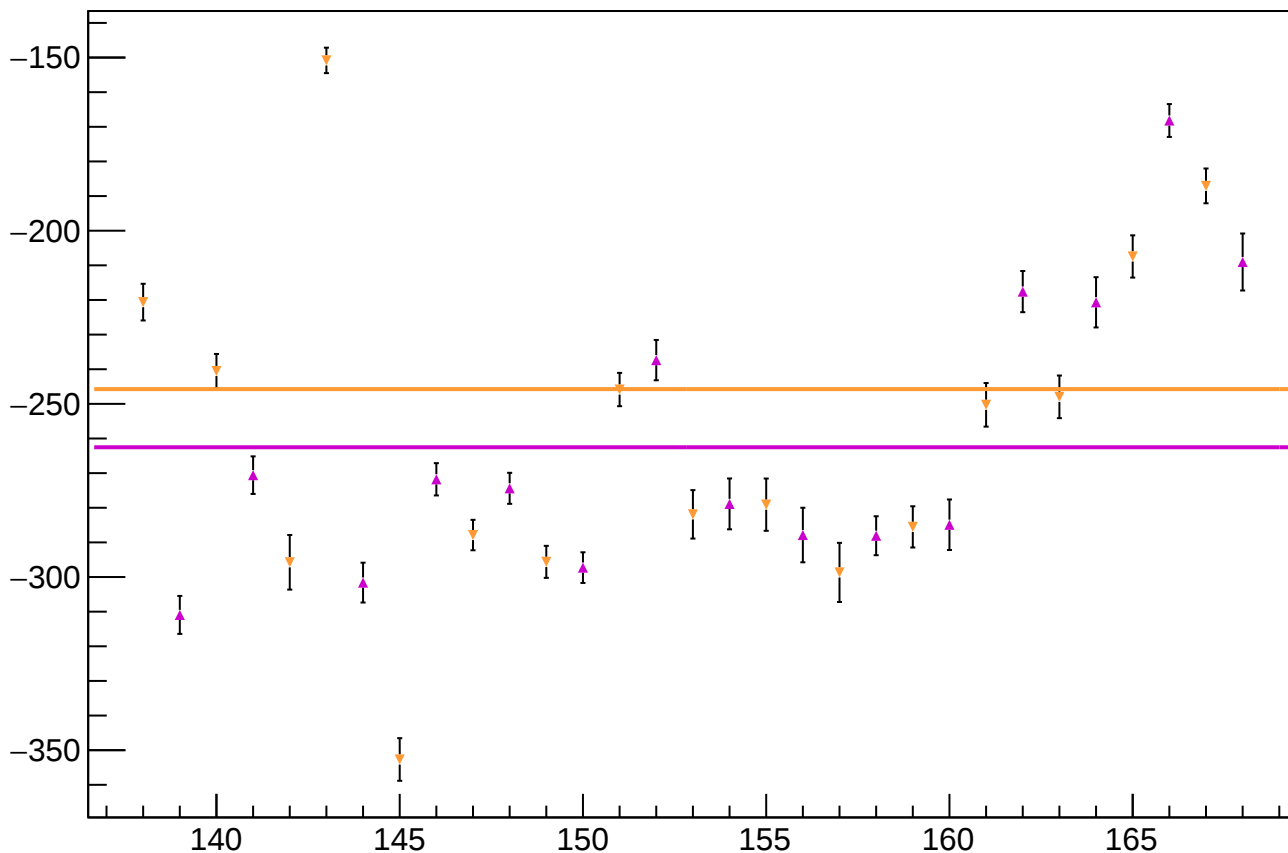
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 7.839 ± 0.014 χ^2/NDF : 403758.7/31

Out: 6.742 ± 0.014 χ^2/NDF : 664785.8/34

All: 7.299 ± 0.010 χ^2/NDF : 1071553.7/66

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -245.739 $\pm$ 1.369 χ^2/NDF :1546.6/15

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -262.532 $\pm$ 1.466 χ^2/NDF :791.5/14

Left: -253.565 $\pm$ 1.001 χ^2/NDF : 2408.1/30

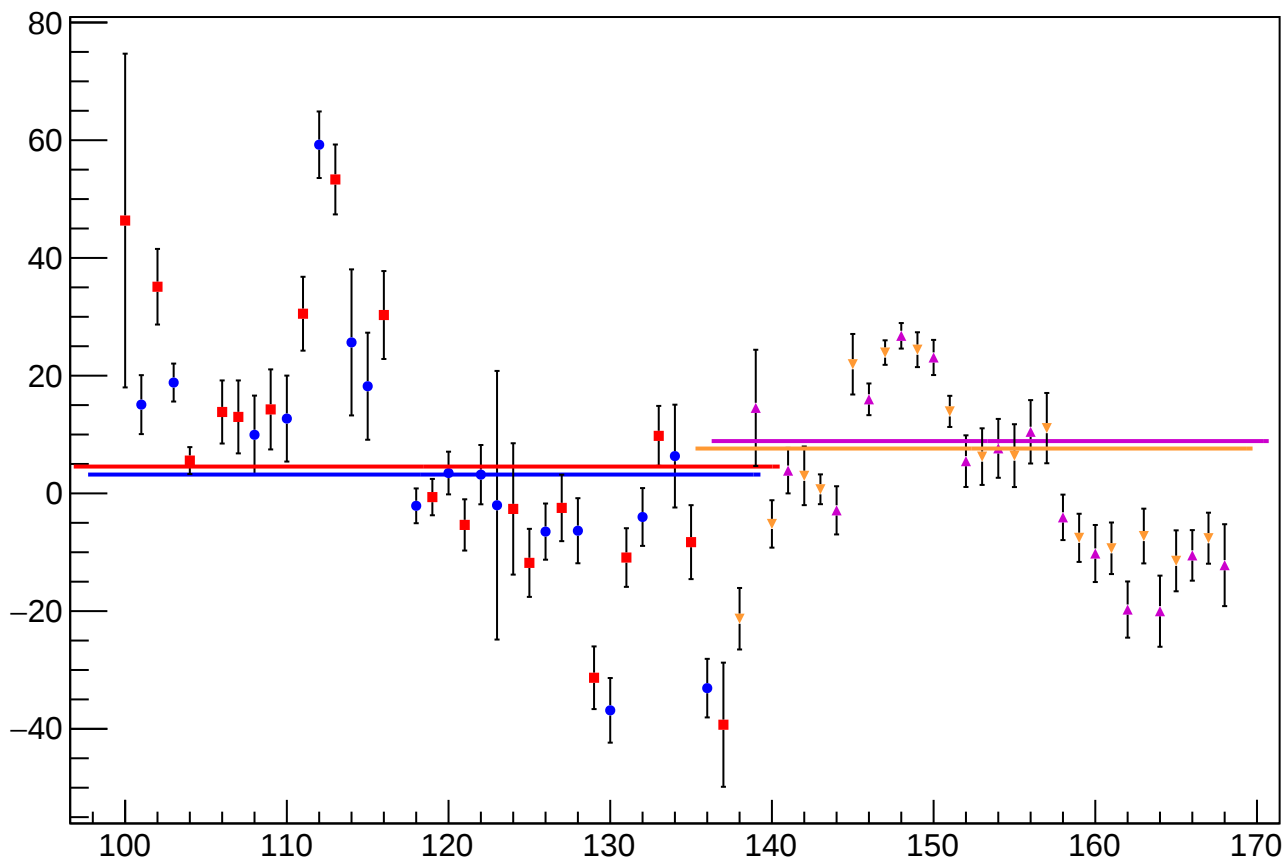
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -262.532 $\pm$ 1.466 χ^2/NDF :791.5/14

Out: -245.739 $\pm$ 1.369 χ^2/NDF :1546.6/15

All: -253.565 $\pm$ 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: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 8.886 ± 1.009 $\chi^2/\text{NDF}: 223.7/14$

Left: 8.197 ± 0.681 $\chi^2/\text{NDF}: 446.0/30$

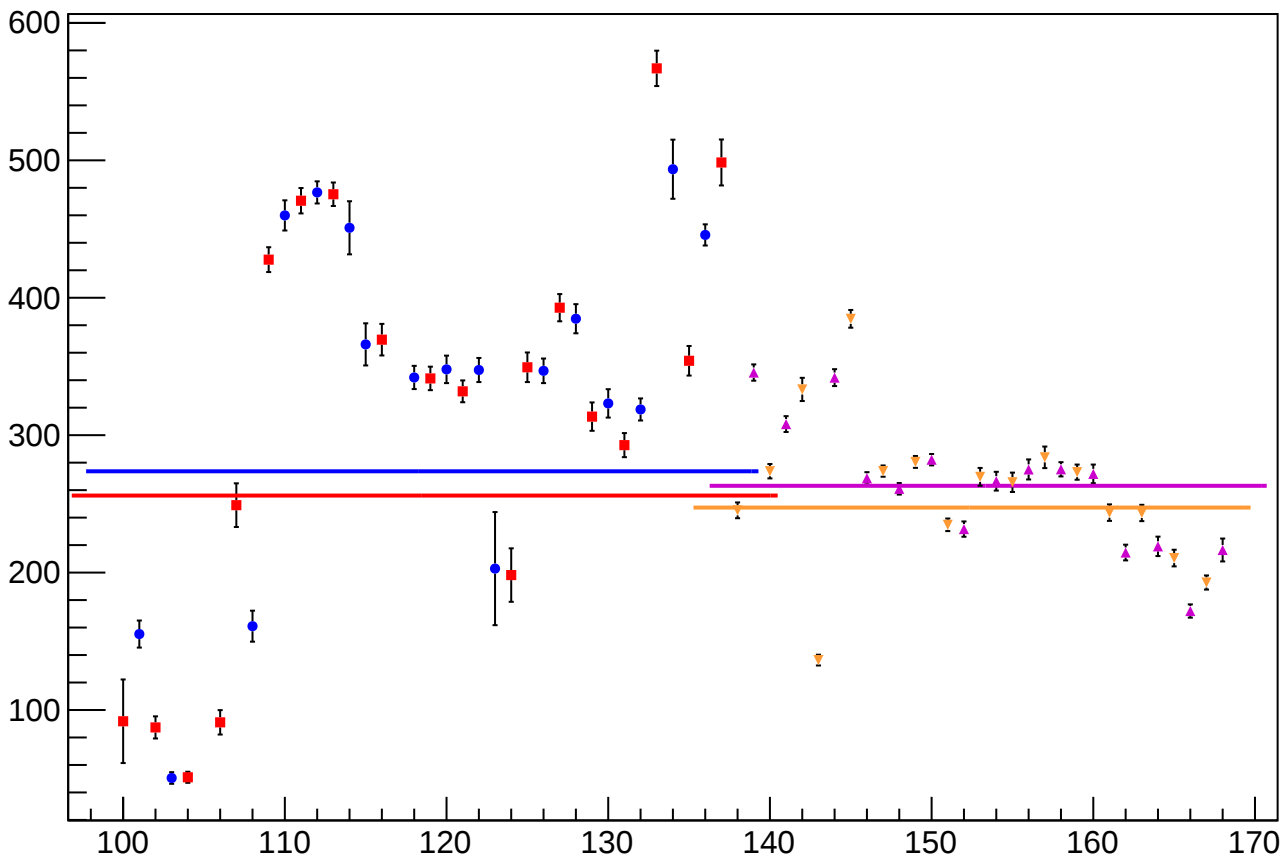
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 6.592 ± 0.780 $\chi^2/\text{NDF}: 491.7/31$

Out: 6.431 ± 0.721 $\chi^2/\text{NDF}: 449.6/34$

All: 6.505 ± 0.529 $\chi^2/\text{NDF}: 941.3/66$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 247.317 $\pm$ 1.355 χ^2 /NDF:1704.0/15

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 263.156 $\pm$ 1.429 χ^2 /NDF:979.9/14

Left: 254.815 $\pm$ 0.983 χ^2 /NDF: 2748.5/30

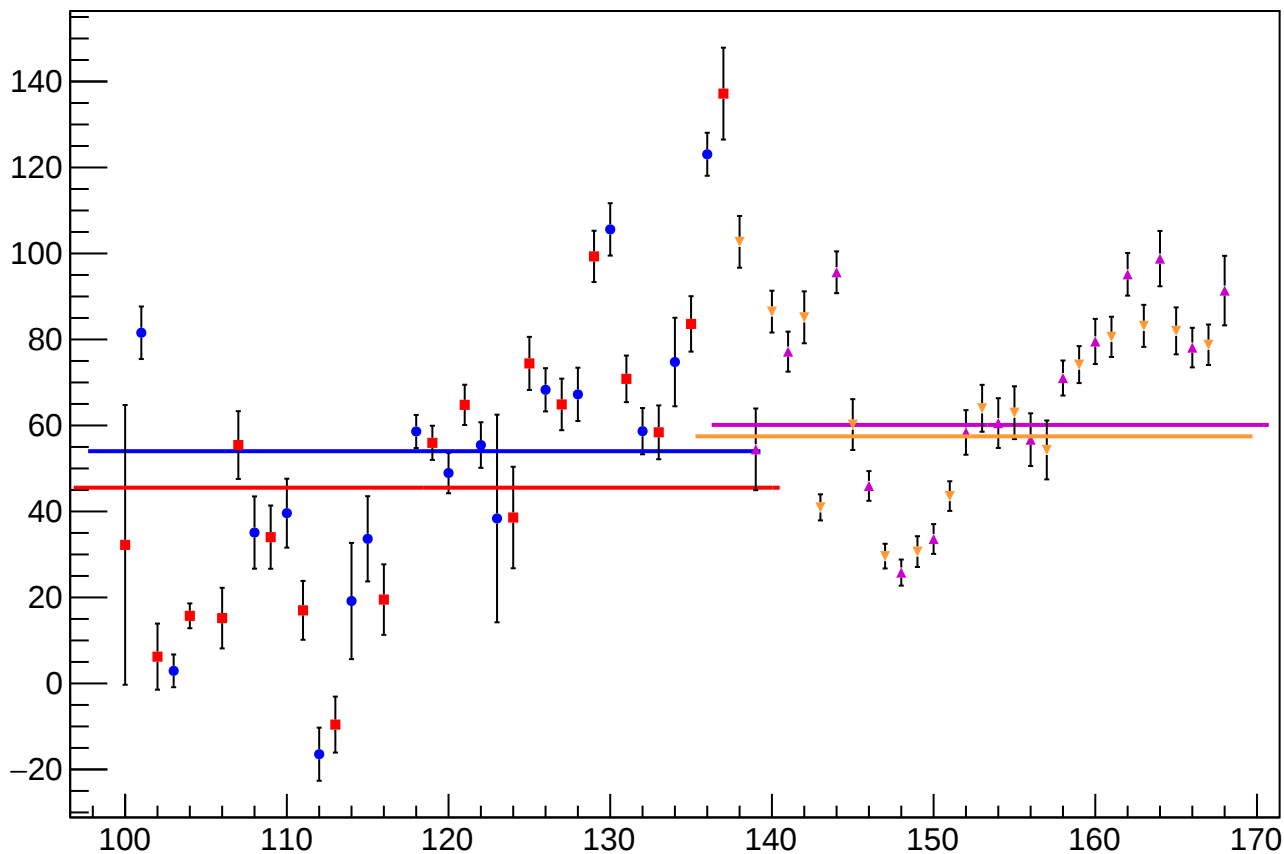
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 266.302 $\pm$ 1.198 χ^2 /NDF:6099.5/31

Out: 249.923 $\pm$ 1.135 χ^2 /NDF:8157.4/34

All: 257.674 $\pm$ 0.824 χ^2 /NDF: 14355.4/66

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 57.466 $\pm$ 1.104 χ^2 /NDF: 419.8/15

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 60.127 $\pm$ 1.201 χ^2 /NDF: 408.1/14

Left: 58.685 $\pm$ 0.813 χ^2 /NDF: 830.5/30

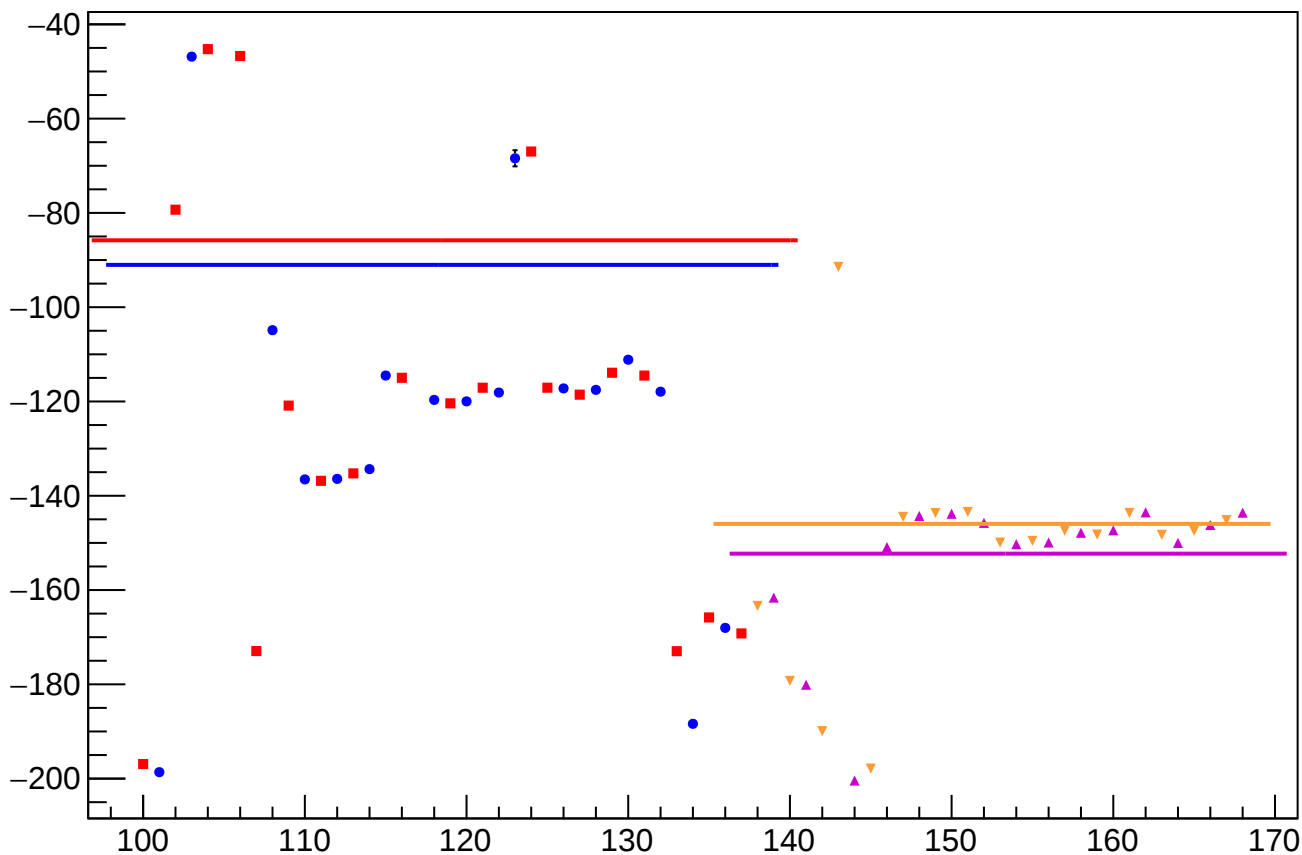
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 57.584 $\pm$ 0.918 χ^2 /NDF: 1051.7/31

Out: 52.711 $\pm$ 0.857 χ^2 /NDF: 993.1/34

All: 54.979 $\pm$ 0.626 χ^2 /NDF: 2059.8/66

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: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -152.281 ± 0.057 $\chi^2/\text{NDF}: 57492.3/14$

Left: -148.970 ± 0.040 $\chi^2/\text{NDF}: 269560.0/30$

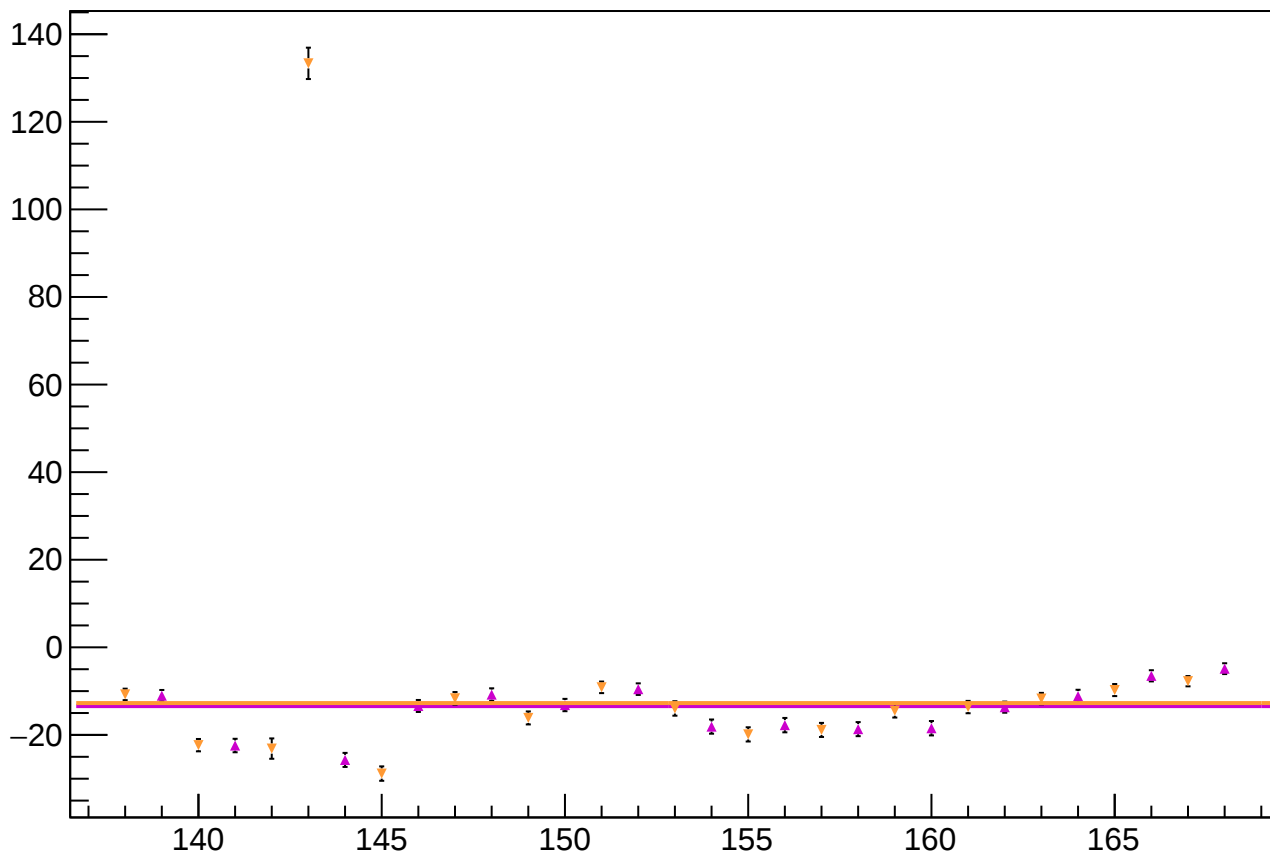
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -126.622 ± 0.044 $\chi^2/\text{NDF}: 1069255.8/31$

Out: -121.060 ± 0.042 $\chi^2/\text{NDF}: 1203149.8/34$

All: -123.718 ± 0.030 $\chi^2/\text{NDF}: 2280849.4/66$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.730+/-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

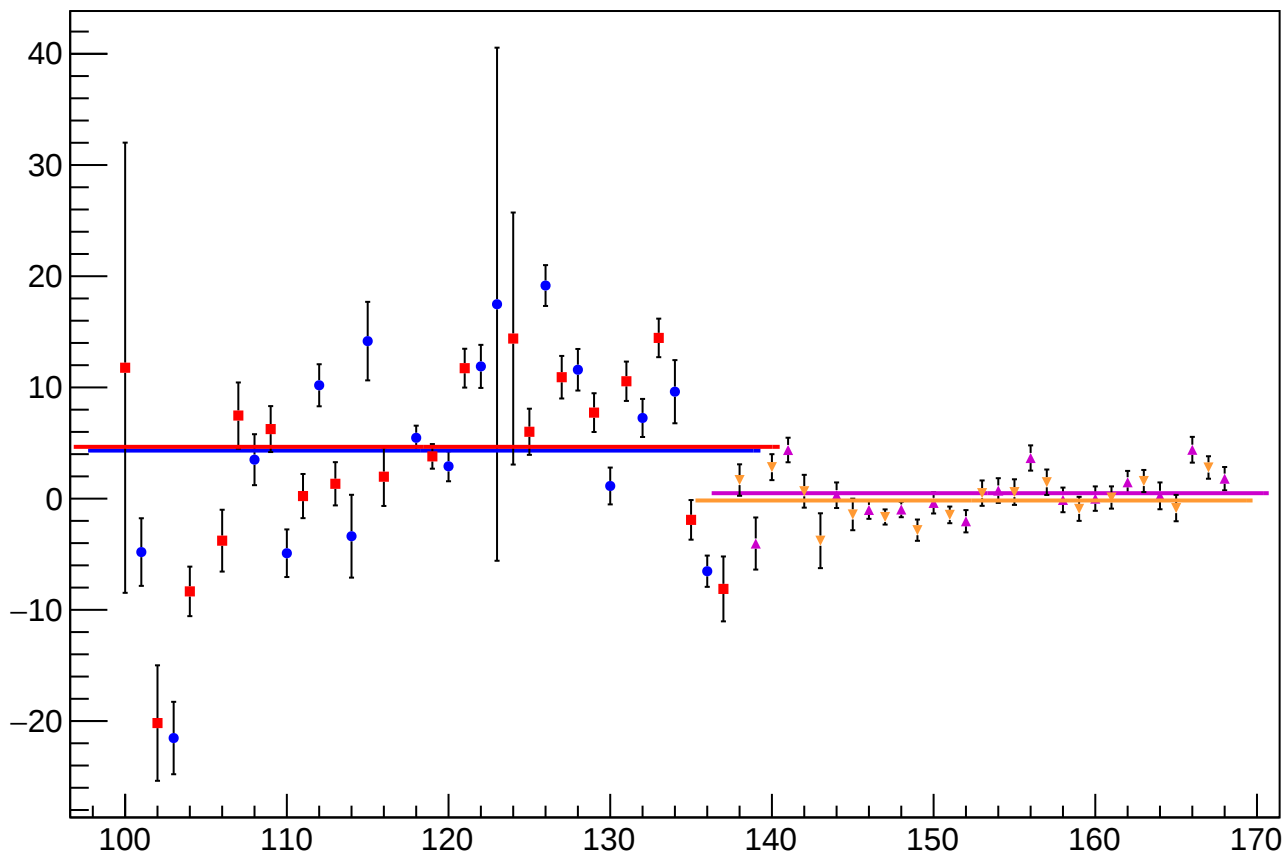
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.166 ± 0.265 $\chi^2/\text{NDF}: 42.5/15$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: 0.489 ± 0.267 $\chi^2/\text{NDF}: 53.5/14$

Left: 0.159 ± 0.188 $\chi^2/\text{NDF}: 99.0/30$

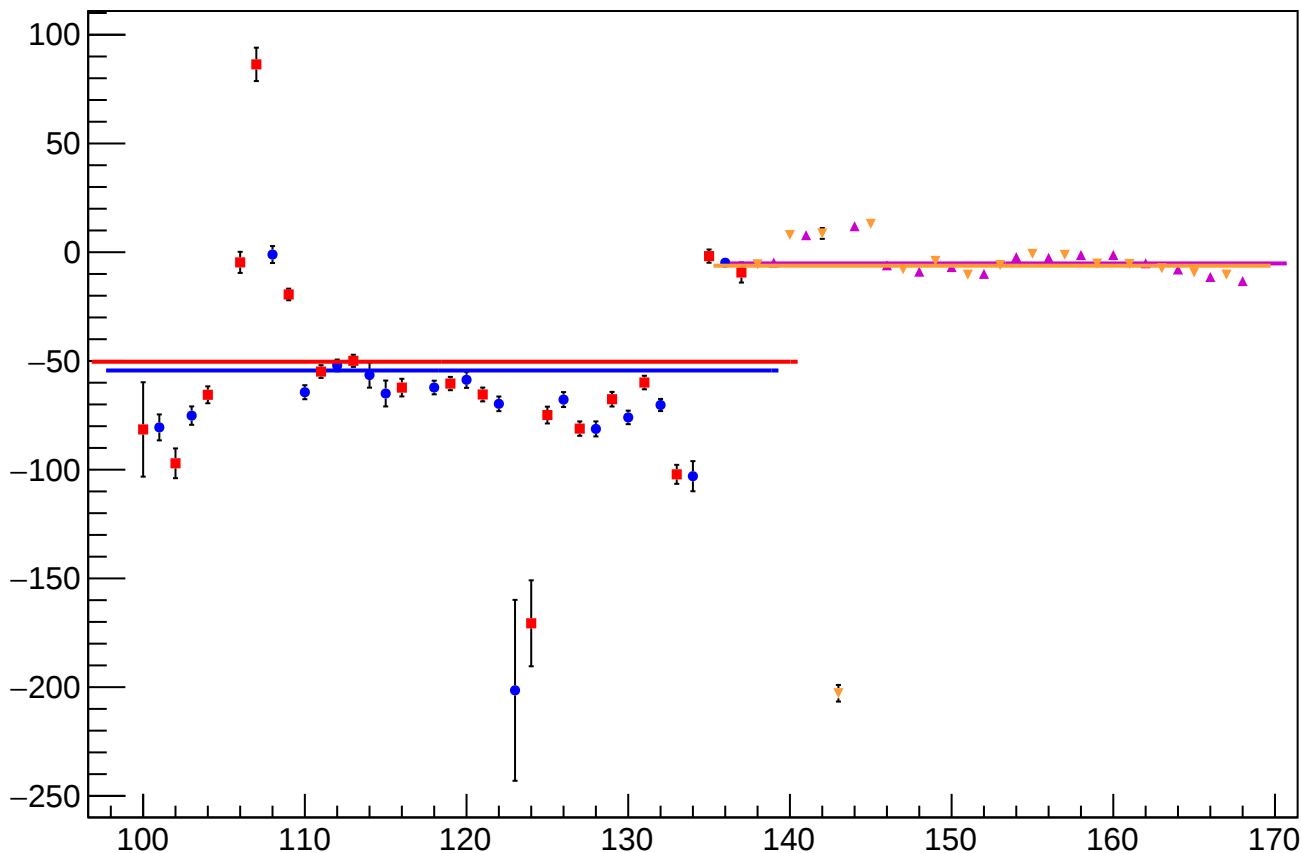
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.439 ± 0.232 $\chi^2/\text{NDF}: 384.8/31$

Out: 0.984 ± 0.231 $\chi^2/\text{NDF}: 305.9/34$

All: 1.211 ± 0.164 $\chi^2/\text{NDF}: 692.7/66$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -6.198 ± 0.368 $\chi^2/\text{NDF}: 2956.4/15$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -5.166 ± 0.360 $\chi^2/\text{NDF}: 275.2/14$

Left: -5.671 ± 0.257 $\chi^2/\text{NDF}: 3235.7/30$

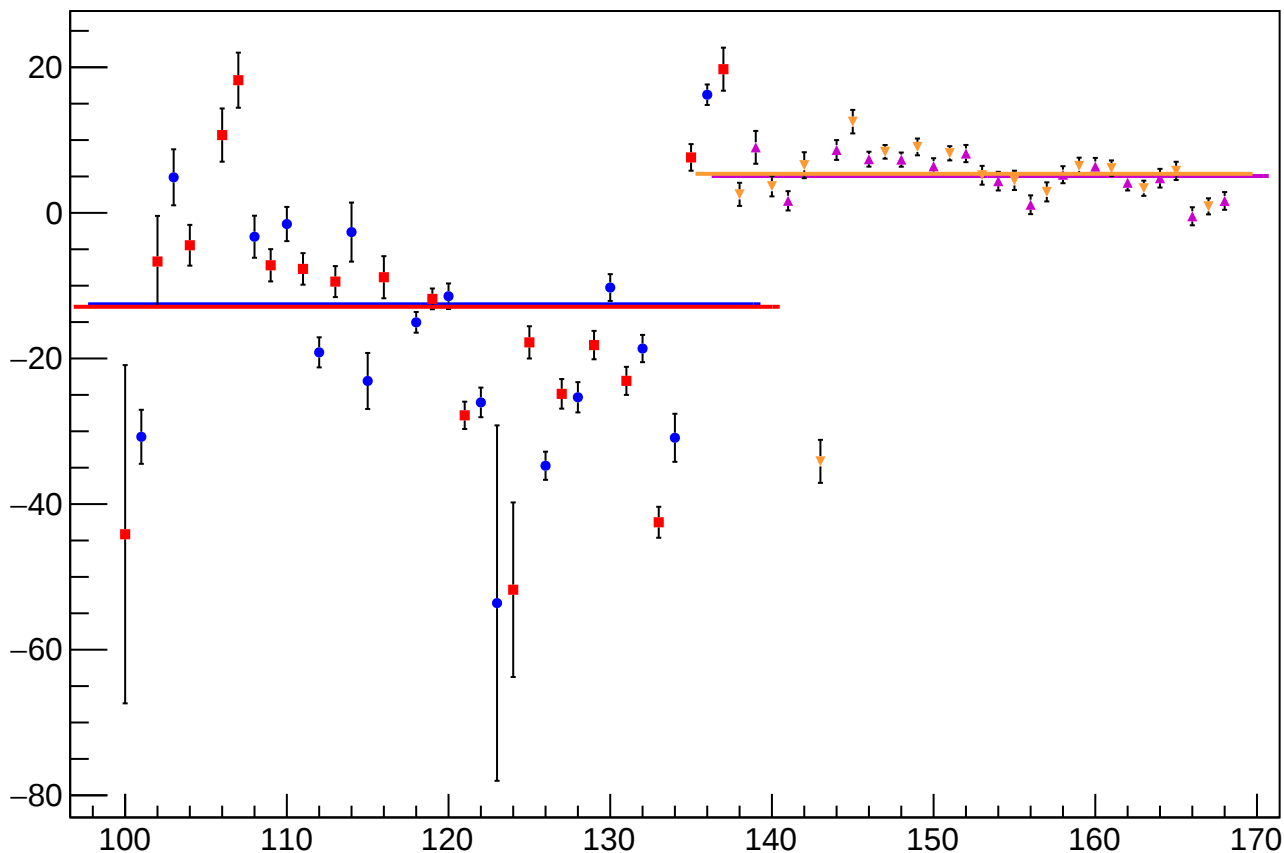
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -12.445 ± 0.332 $\chi^2/\text{NDF}: 4051.6/31$

Out: -13.055 ± 0.338 $\chi^2/\text{NDF}: 6518.1/34$

All: -12.745 ± 0.237 $\chi^2/\text{NDF}: 10571.4/66$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.364 ± 0.310 χ^2/NDF : 257.7/15

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.060 ± 0.311 χ^2/NDF : 74.8/14

Left: 5.213 ± 0.219 χ^2/NDF : 333.0/30

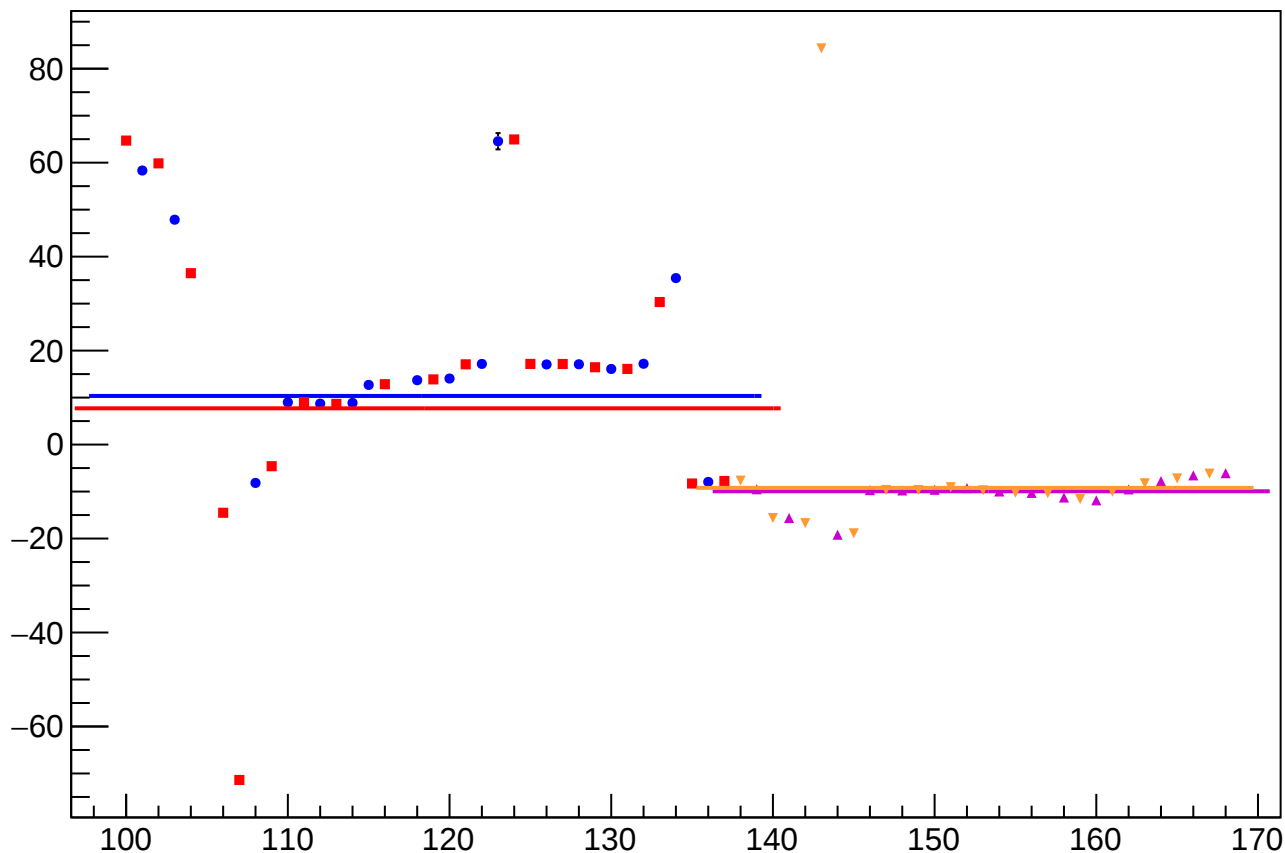
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.559 ± 0.269 χ^2/NDF : 1672.8/31

Out: 0.824 ± 0.268 χ^2/NDF : 1851.6/34

All: 0.692 ± 0.190 χ^2/NDF : 3524.9/66

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.215+/-0.014 χ^2/NDF :415941.7/15

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -9.936+/-0.014 χ^2/NDF :36228.4/14

Left: -9.583+/-0.010 χ^2/NDF : 453439.4/30

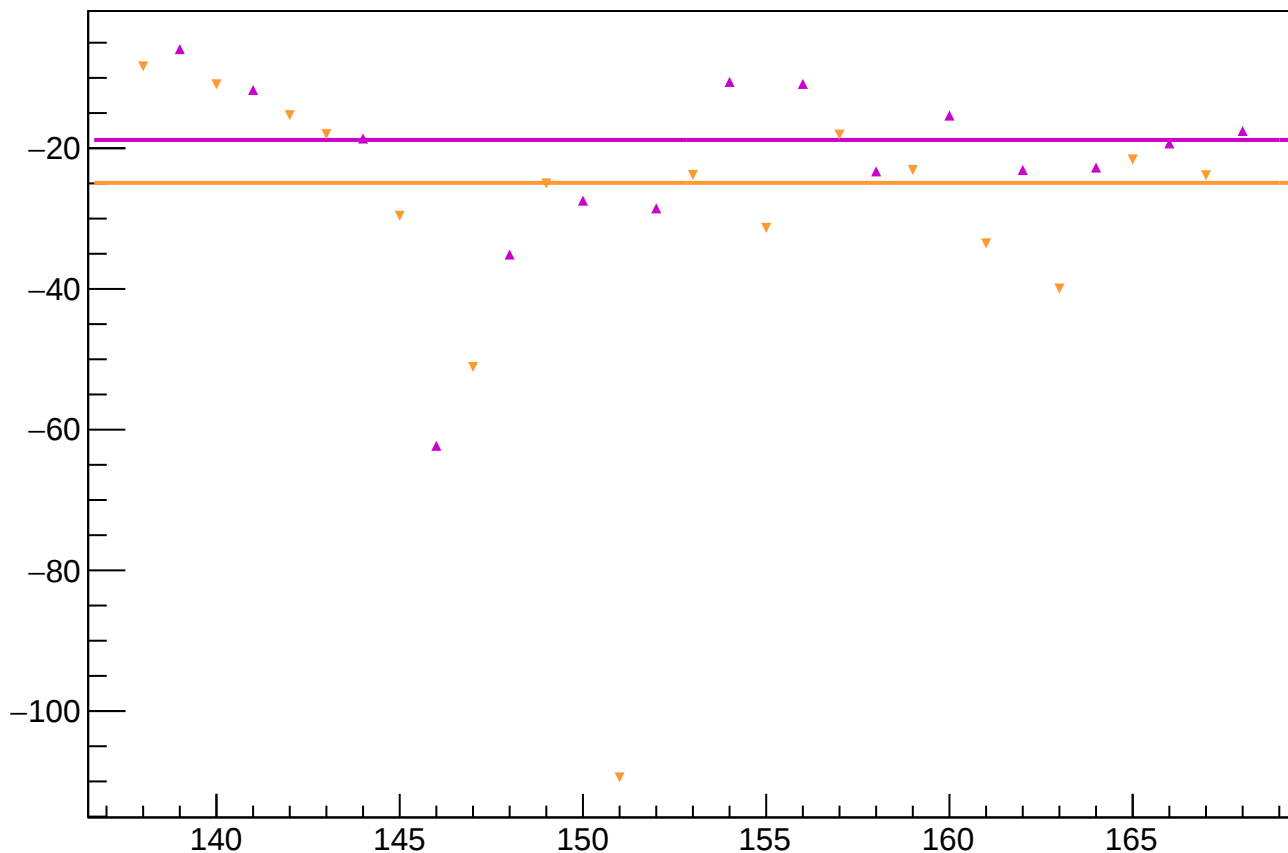
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -6.356+/-0.013 χ^2/NDF :779504.8/31

Out: -6.233+/-0.013 χ^2/NDF :1202572.4/34

All: -6.296+/-0.009 χ^2/NDF : 1982122.4/66

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



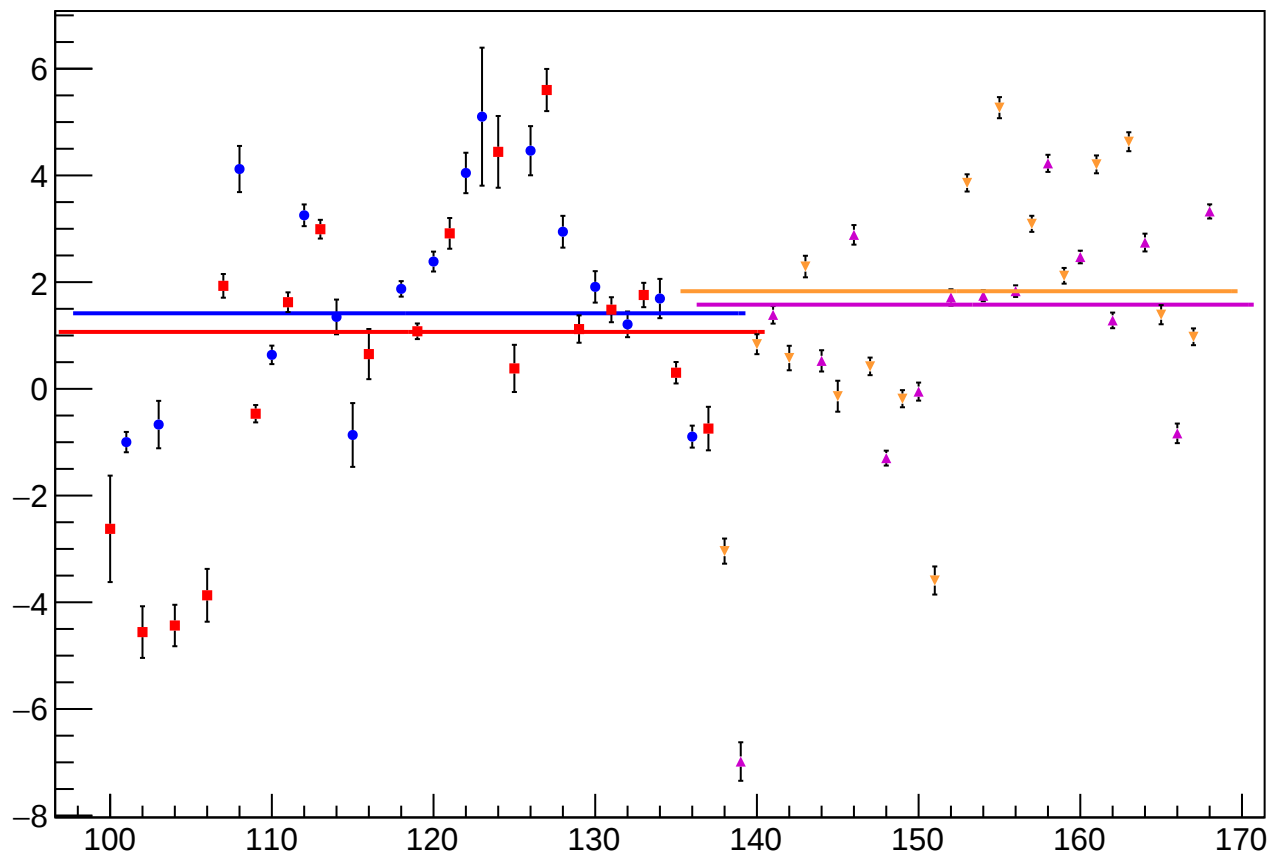
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.922+/-0.061 χ^2/NDF :56746.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.819+/-0.052 χ^2/NDF :37929.8/14

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: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 1.578 ± 0.038 χ^2/NDF : 1896.3/14

Left: 1.682 ± 0.029 χ^2/NDF : 4127.8/30

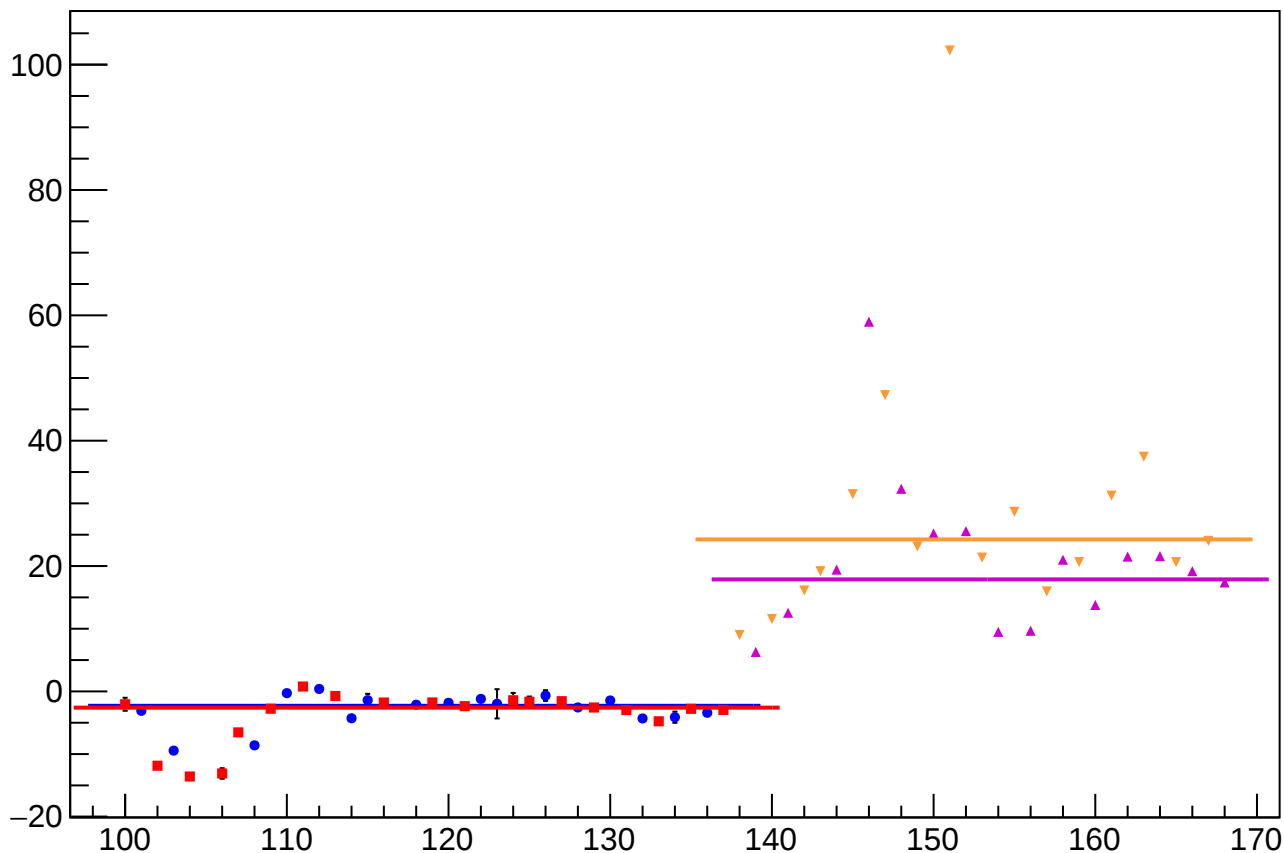
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.533 ± 0.032 χ^2/NDF : 2532.5/31

Out: 1.541 ± 0.036 χ^2/NDF : 3250.5/34

All: 1.536 ± 0.024 χ^2/NDF : 5783.0/66

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 24.247 ± 0.060 χ^2/NDF : 50811.6/15

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.870 ± 0.050 χ^2/NDF : 35762.6/14

Left: 20.494 ± 0.039 χ^2/NDF : 93140.8/30

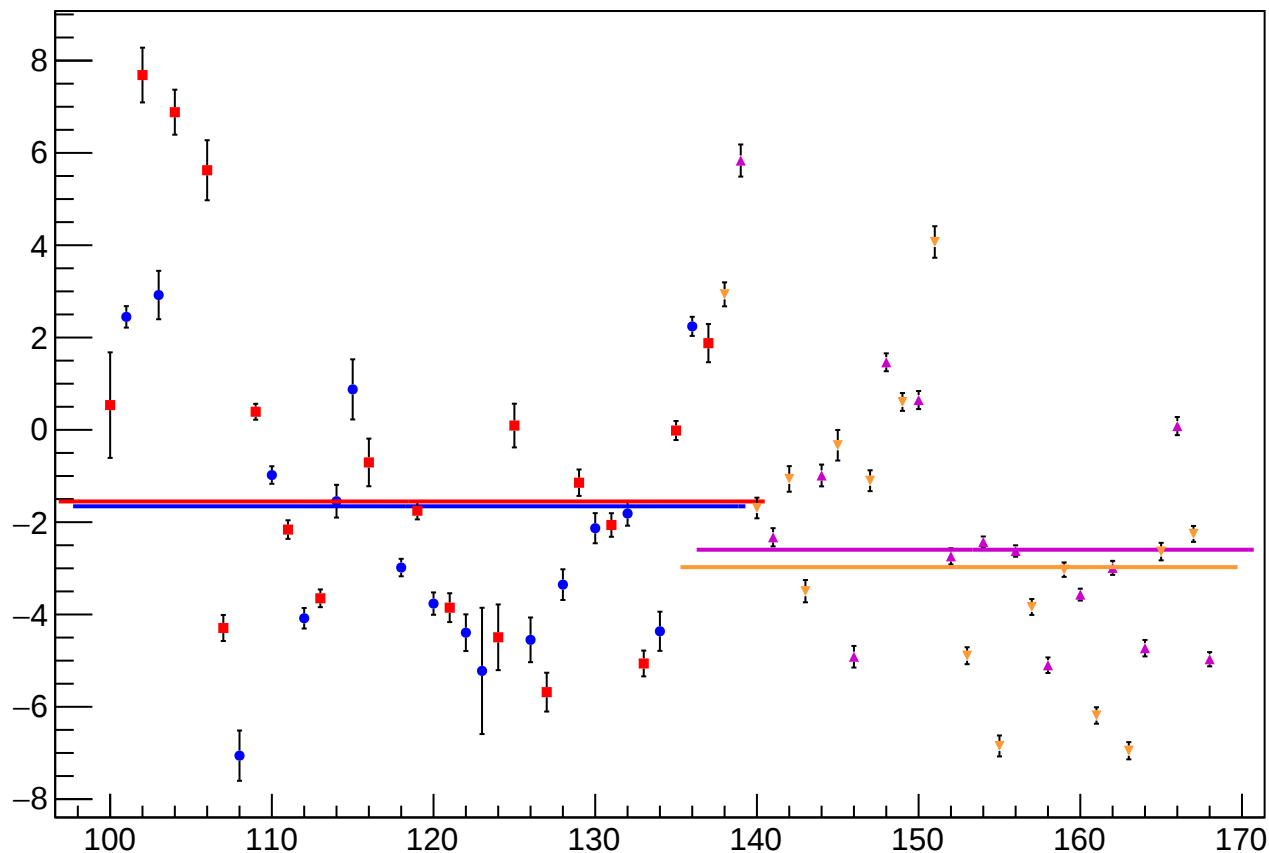
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 14.405 ± 0.046 χ^2/NDF : 63626.7/31

Out: 16.954 ± 0.052 χ^2/NDF : 105404.7/34

All: 15.534 ± 0.034 χ^2/NDF : 170394.9/66

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.974 ± 0.052 χ^2/NDF : 2730.2/15

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -2.597 ± 0.043 χ^2/NDF : 2299.3/14

Left: -2.753 ± 0.033 χ^2/NDF : 5060.6/30

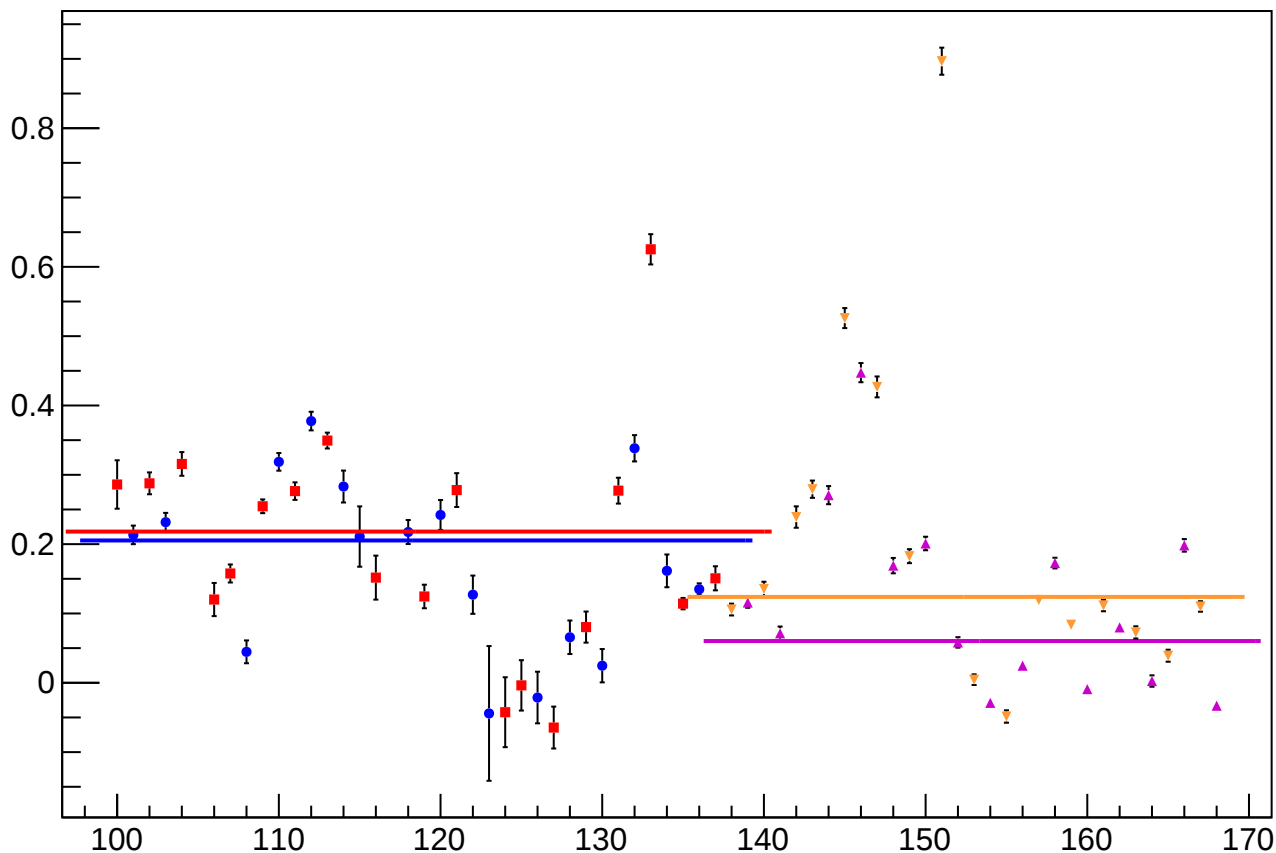
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -2.337 ± 0.037 χ^2/NDF : 3699.5/31

Out: -2.429 ± 0.041 χ^2/NDF : 4508.3/34

All: -2.379 ± 0.027 χ^2/NDF : 8210.5/66

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: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.060 $\pm$ 0.002 χ^2 /NDF:2660.3/14

Left: 0.086 $\pm$ 0.001 χ^2 /NDF: 6883.8/30

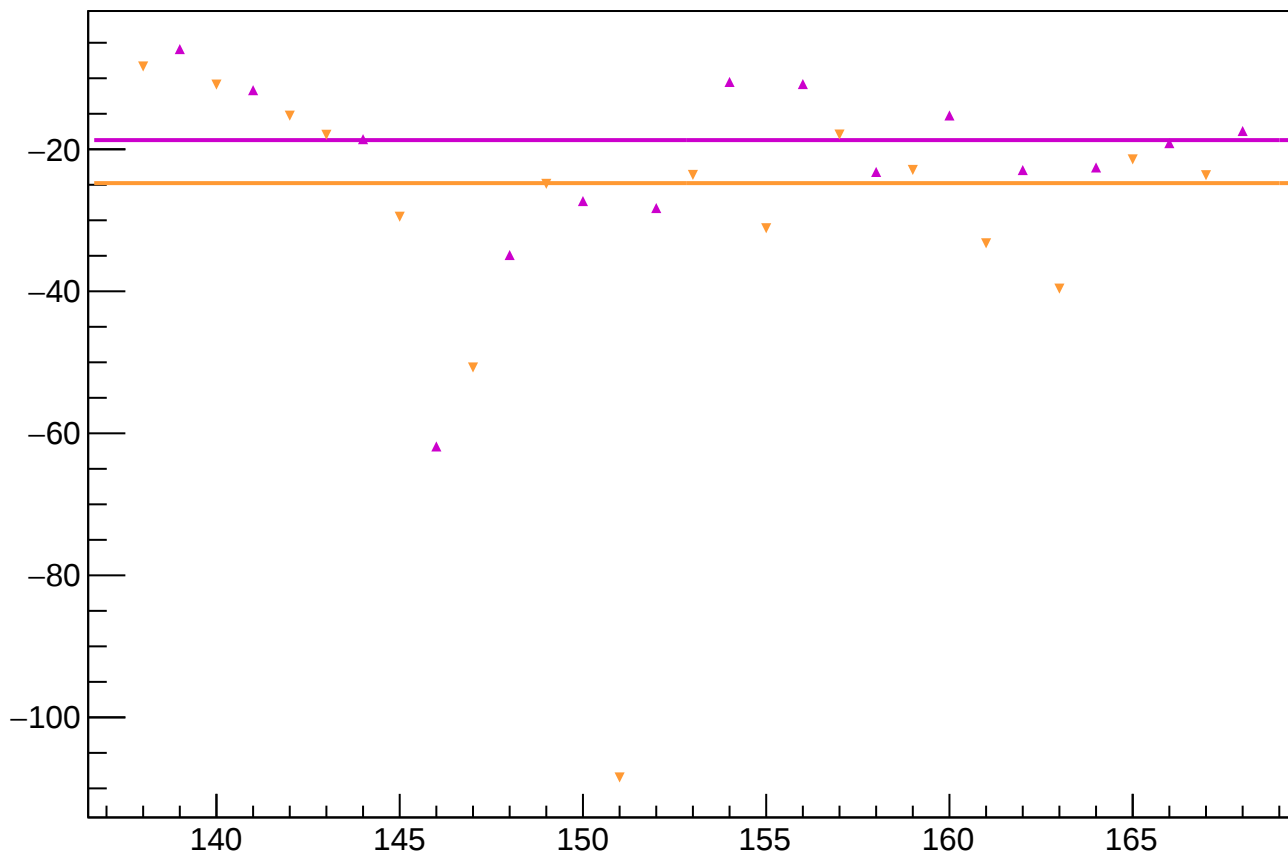
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.085 $\pm$ 0.002 χ^2 /NDF:4297.0/31

Out: 0.151 $\pm$ 0.002 χ^2 /NDF:5262.9/34

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 10186.6/66

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.765+/-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

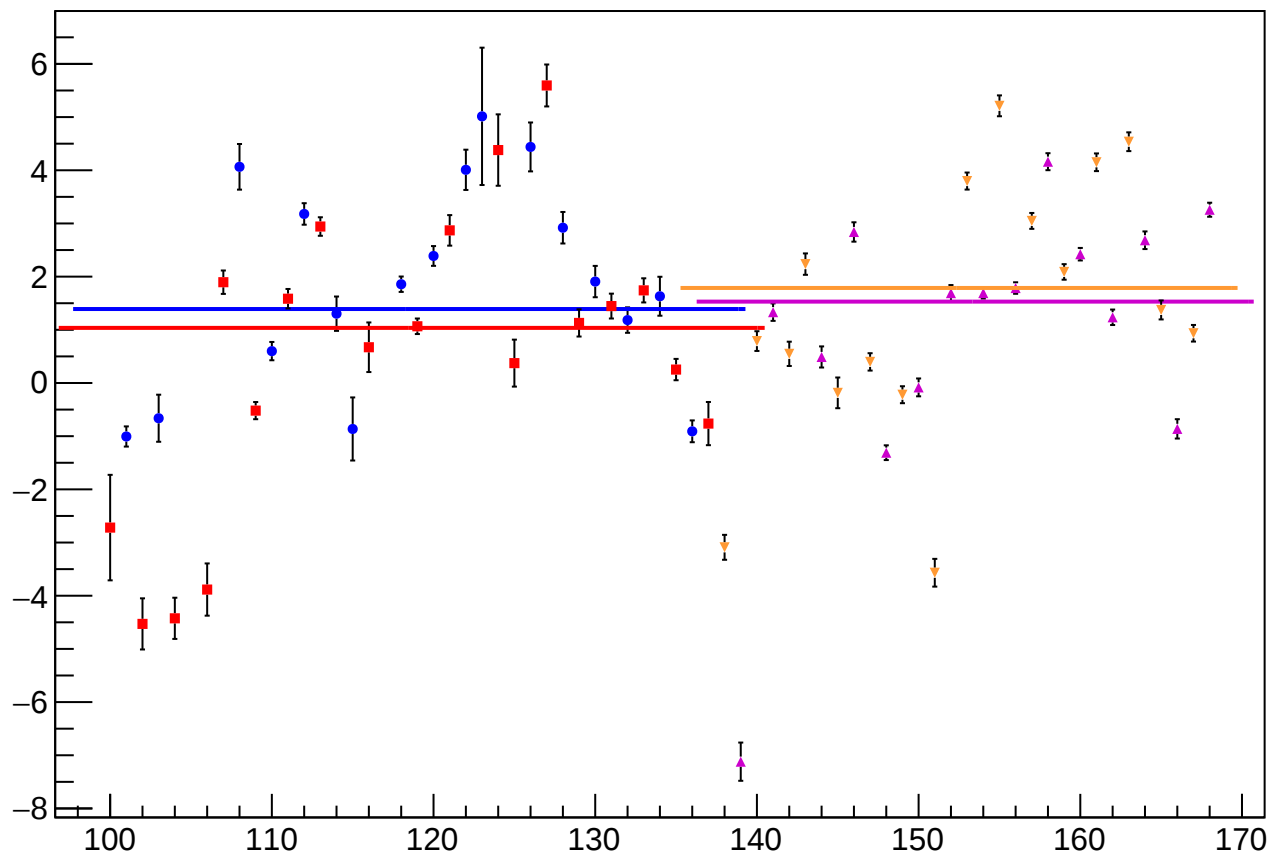
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.709+/-0.052 χ^2/NDF : 37843.5/14

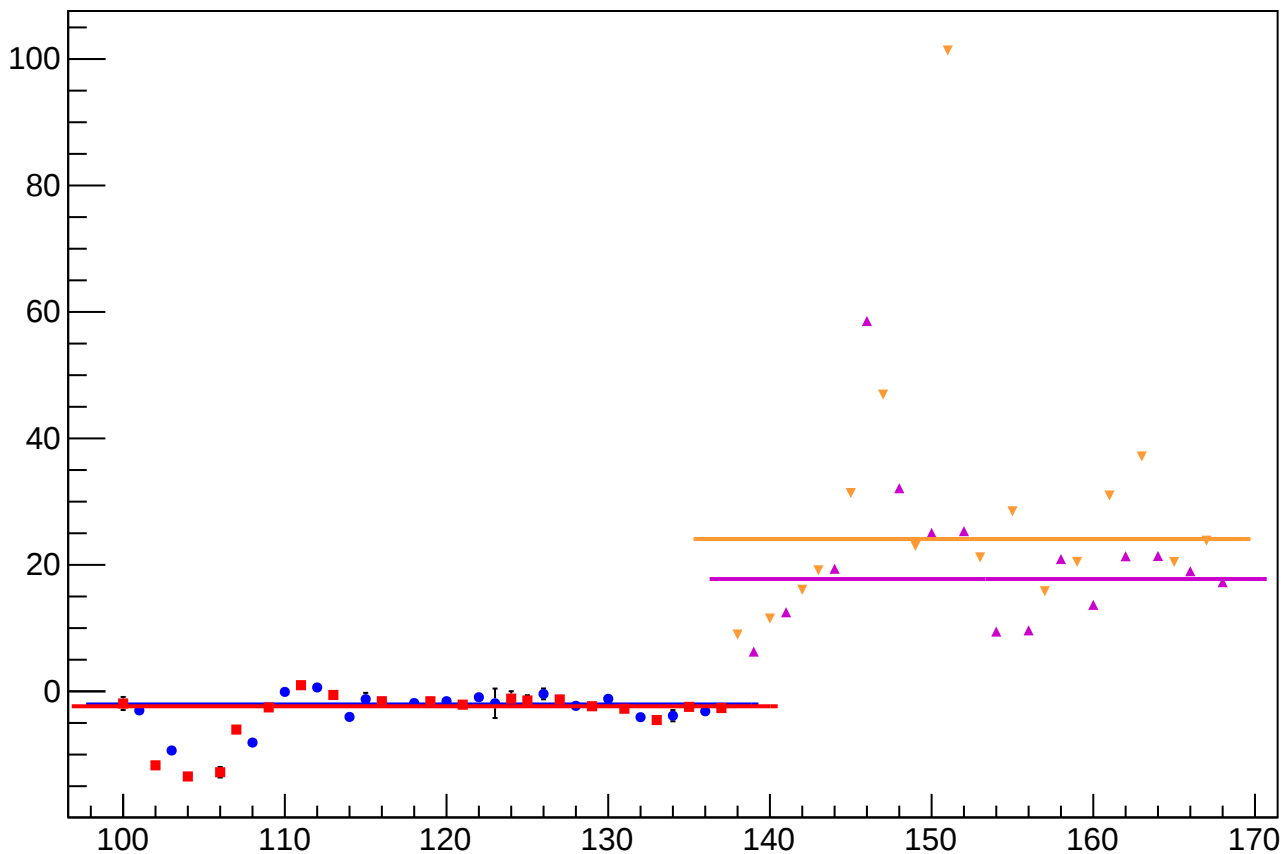
Out: -24.765+/-0.061 χ^2/NDF : 56563.6/15

All: -21.244+/-0.039 χ^2/NDF : 100138.9/30

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.766 ± 0.050 χ^2/NDF : 35688.2/14

Left: 20.369 ± 0.038 χ^2/NDF : 92905.9/30

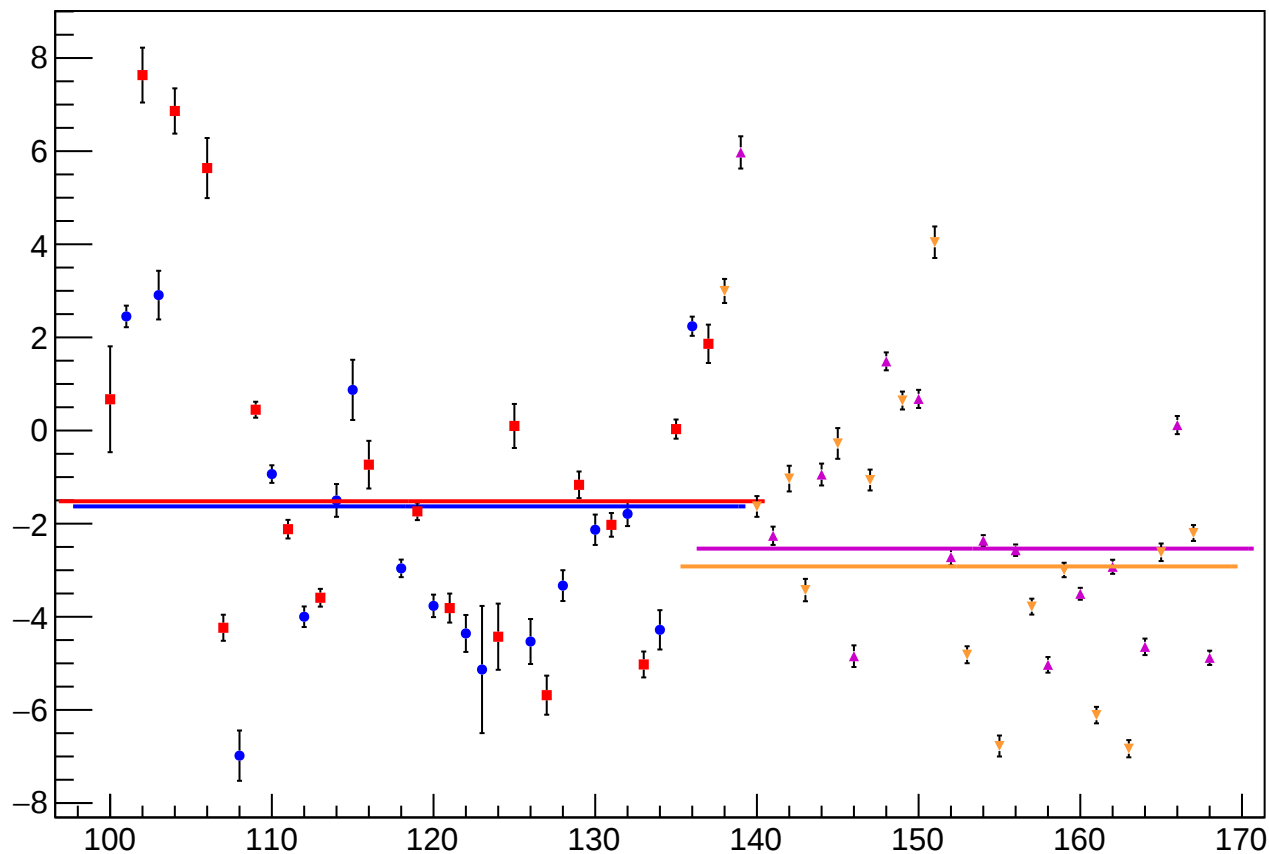
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 14.364 ± 0.046 χ^2/NDF : 62947.5/31

Out: 16.914 ± 0.051 χ^2/NDF : 104343.1/34

All: 15.494 ± 0.034 χ^2/NDF : 168672.5/66

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: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.536 ± 0.043 χ^2/NDF : 2310.4/14

Left: -2.695 ± 0.033 χ^2/NDF : 5070.7/30

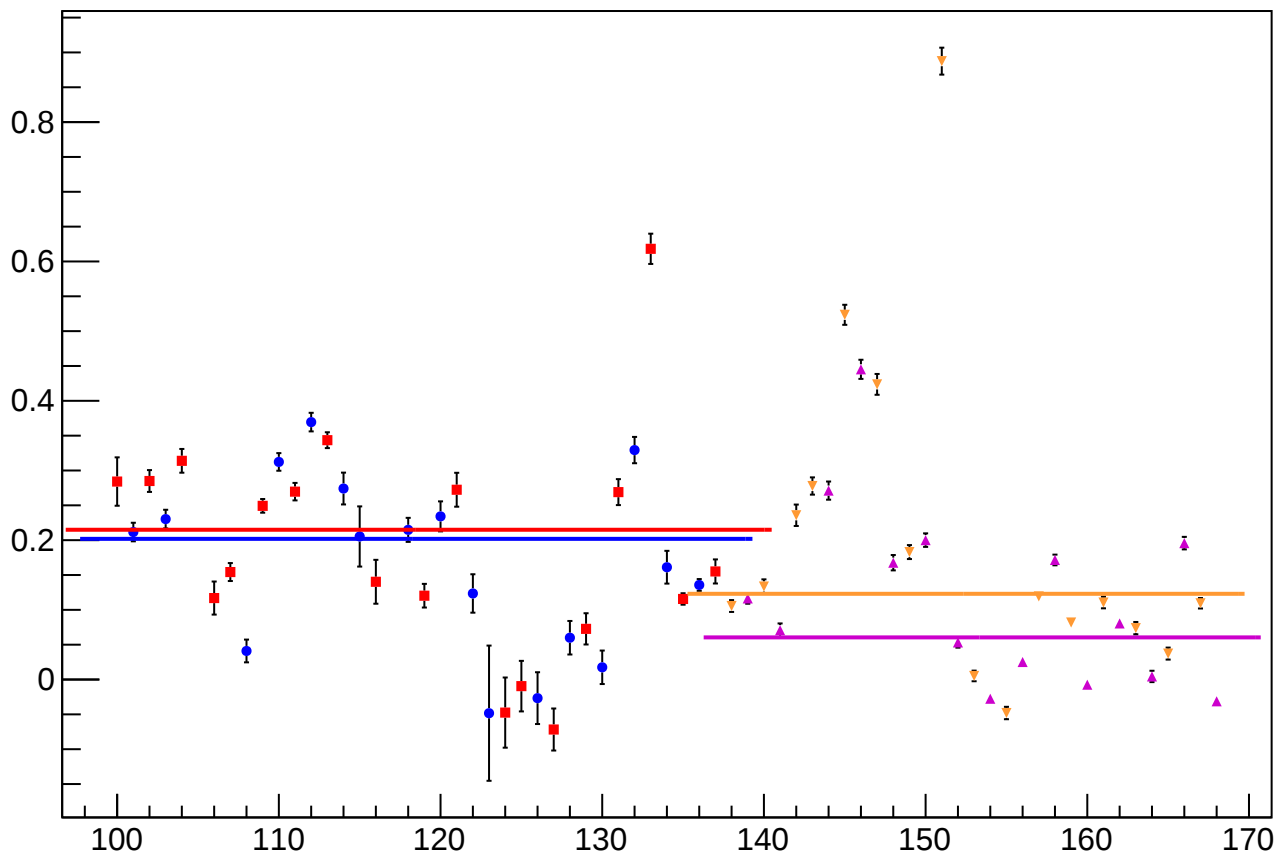
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.287 ± 0.037 χ^2/NDF : 3697.9/31

Out: -2.384 ± 0.040 χ^2/NDF : 4503.8/34

All: -2.331 ± 0.027 χ^2/NDF : 8204.9/66

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.123 ± 0.002 χ^2/NDF : 3767.9/15

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.060 ± 0.002 χ^2/NDF : 2641.0/14

Left: 0.085 ± 0.001 χ^2/NDF : 6850.0/30

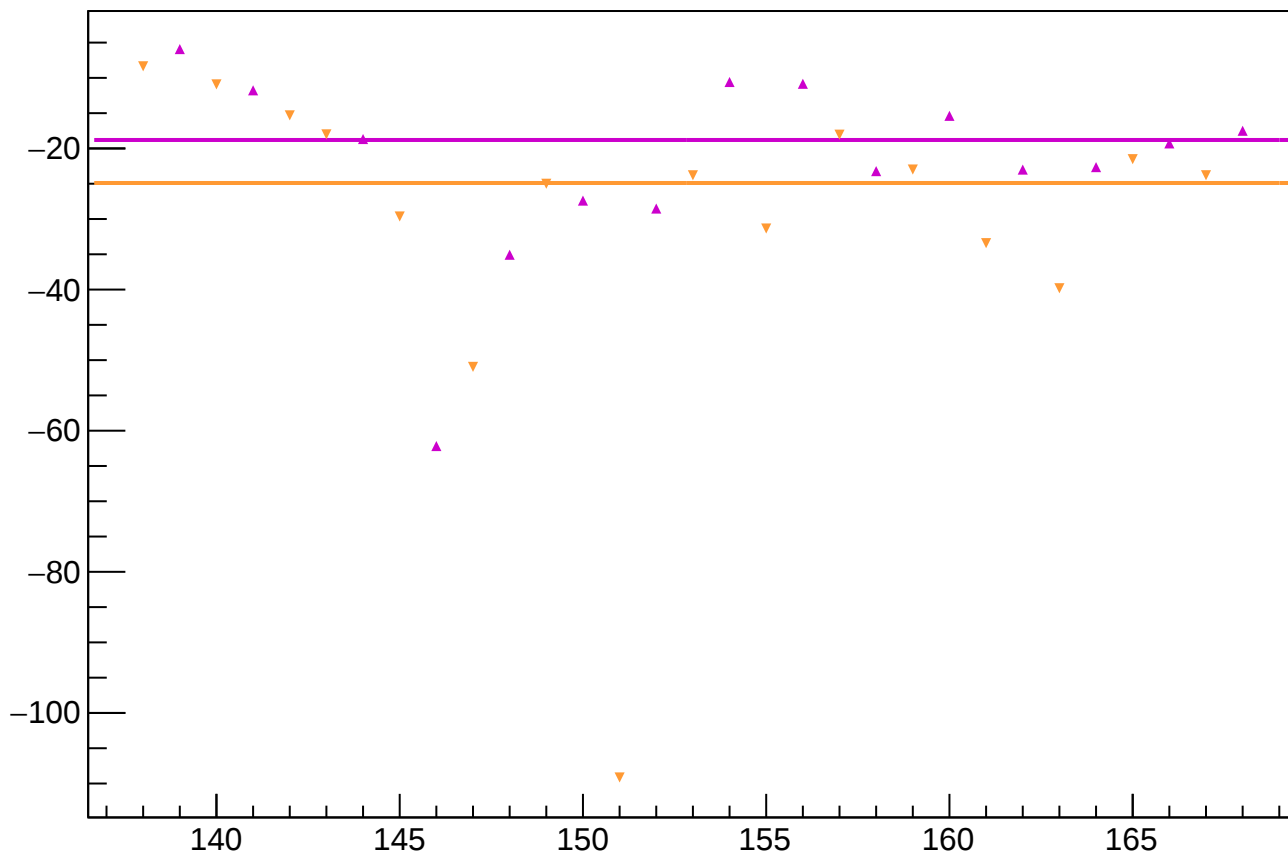
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.085 ± 0.002 χ^2/NDF : 4221.7/31

Out: 0.149 ± 0.002 χ^2/NDF : 5222.5/34

All: 0.113 ± 0.001 χ^2/NDF : 10057.1/66

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.896+/-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

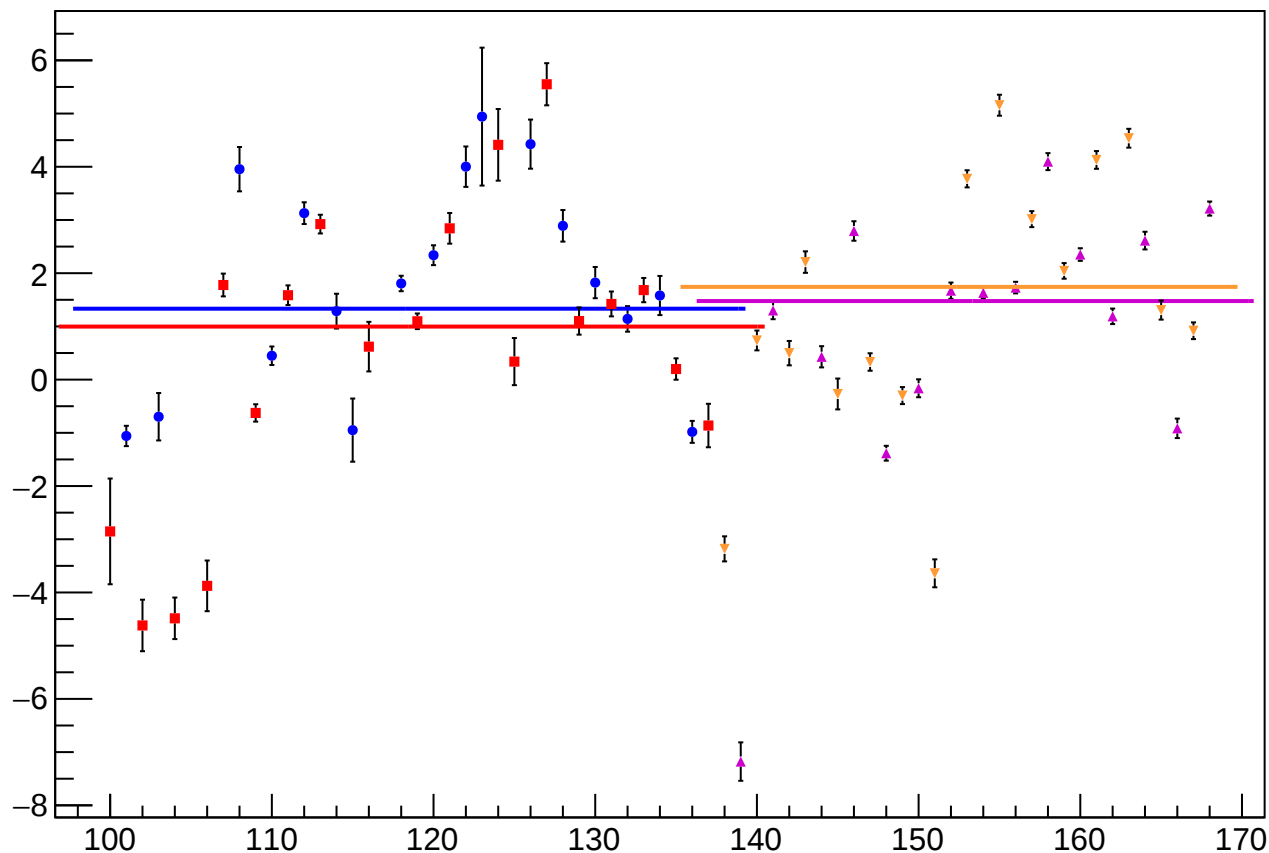
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 1.476 ± 0.038 χ^2/NDF : 1897.3/14

Left: 1.587 ± 0.029 χ^2/NDF : 4146.7/30

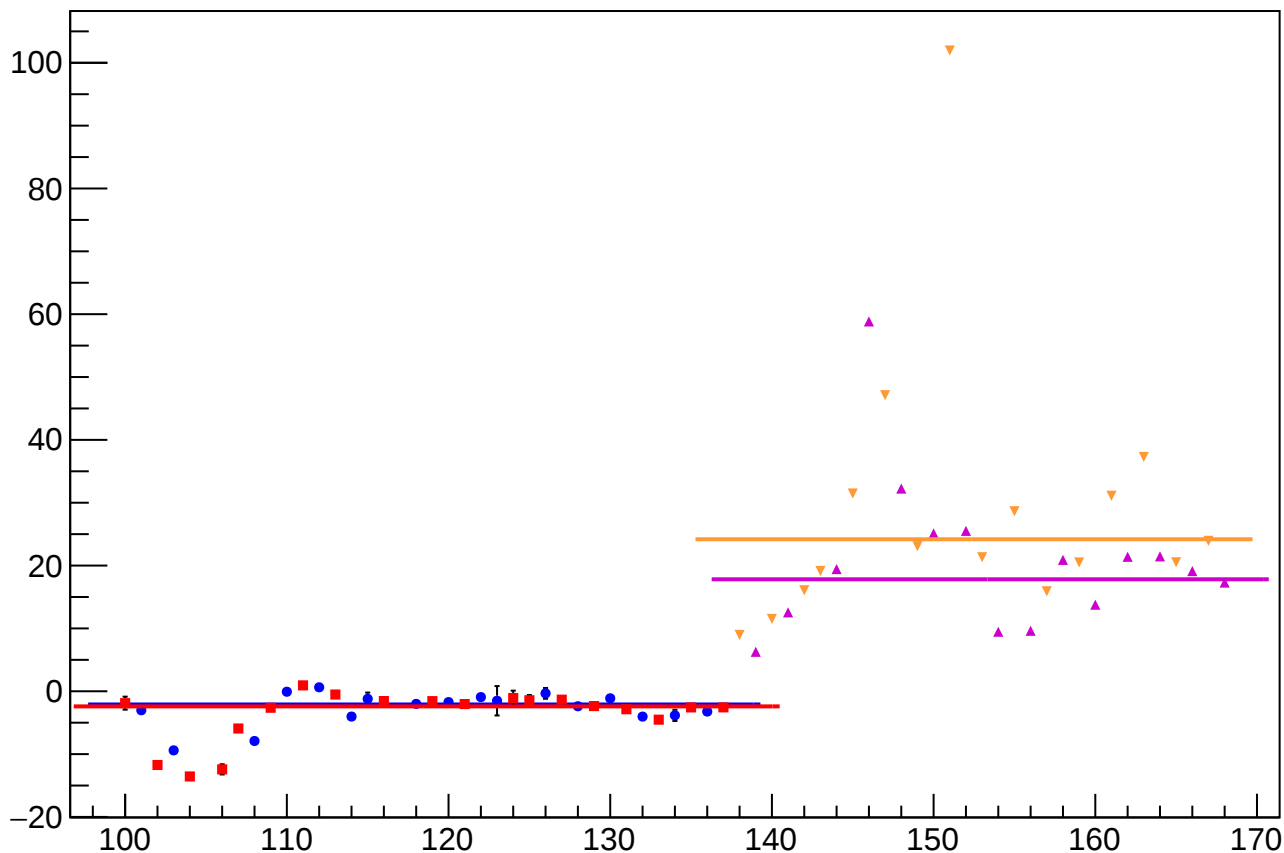
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.436 ± 0.032 χ^2/NDF : 2535.8/31

Out: 1.460 ± 0.036 χ^2/NDF : 3277.4/34

All: 1.447 ± 0.024 χ^2/NDF : 5813.5/66

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: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.817 ± 0.050 χ^2/NDF : 35759.2/14

Left: 20.437 ± 0.039 χ^2/NDF : 93125.4/30

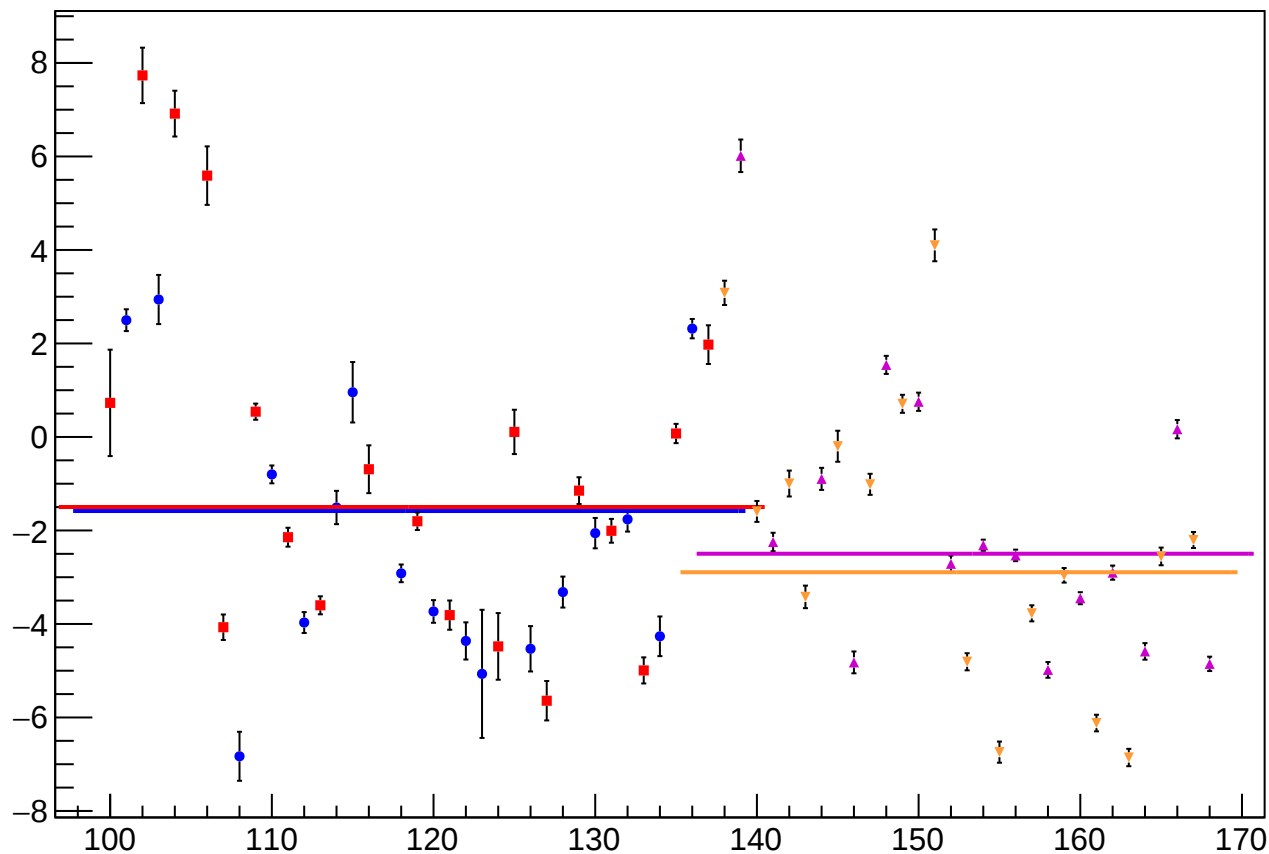
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 14.411 ± 0.046 χ^2/NDF : 62960.8/31

Out: 16.979 ± 0.051 χ^2/NDF : 104499.9/34

All: 15.548 ± 0.034 χ^2/NDF : 168850.7/66

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.893 ± 0.052 χ^2/NDF : 2751.4/15

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -2.498 ± 0.043 χ^2/NDF : 2301.8/14

Left: -2.662 ± 0.033 χ^2/NDF : 5087.7/30

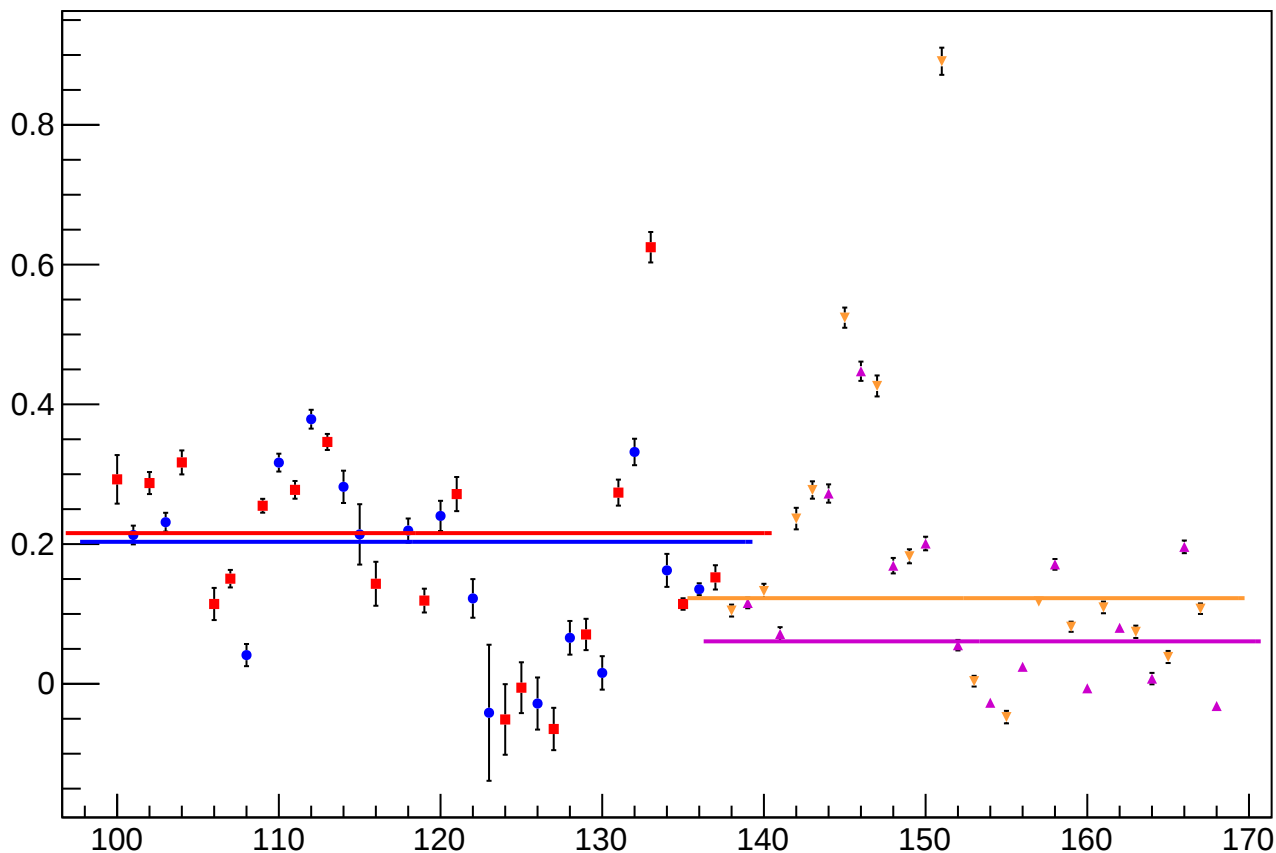
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -2.247 ± 0.037 χ^2/NDF : 3695.8/31

Out: -2.360 ± 0.041 χ^2/NDF : 4535.3/34

All: -2.298 ± 0.027 χ^2/NDF : 8235.3/66

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.123 ± 0.002 χ^2/NDF : 3756.7/15

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.061 ± 0.002 χ^2/NDF : 2626.3/14

Left: 0.085 ± 0.001 χ^2/NDF : 6810.3/30

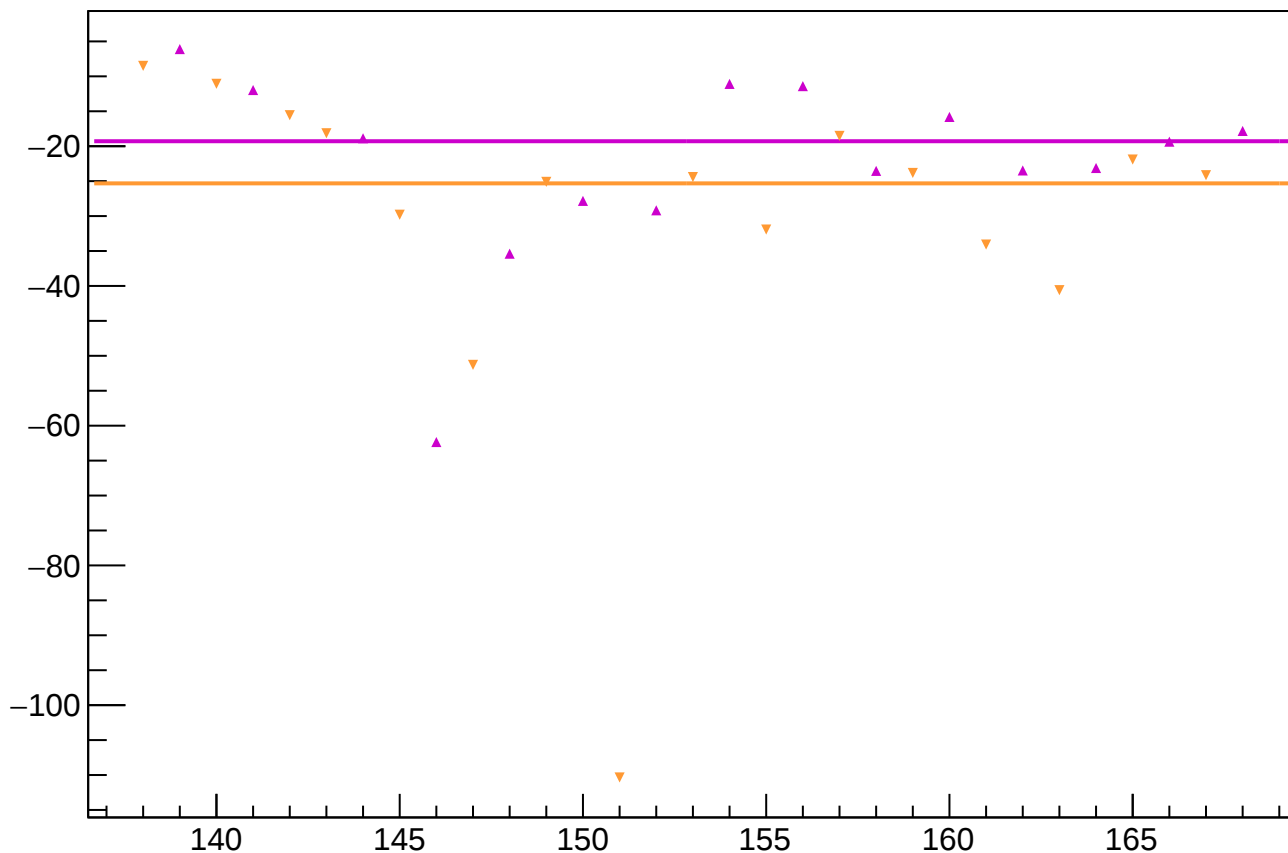
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.085 ± 0.002 χ^2/NDF : 4242.4/31

Out: 0.149 ± 0.002 χ^2/NDF : 5252.6/34

All: 0.113 ± 0.001 χ^2/NDF : 10094.2/66

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

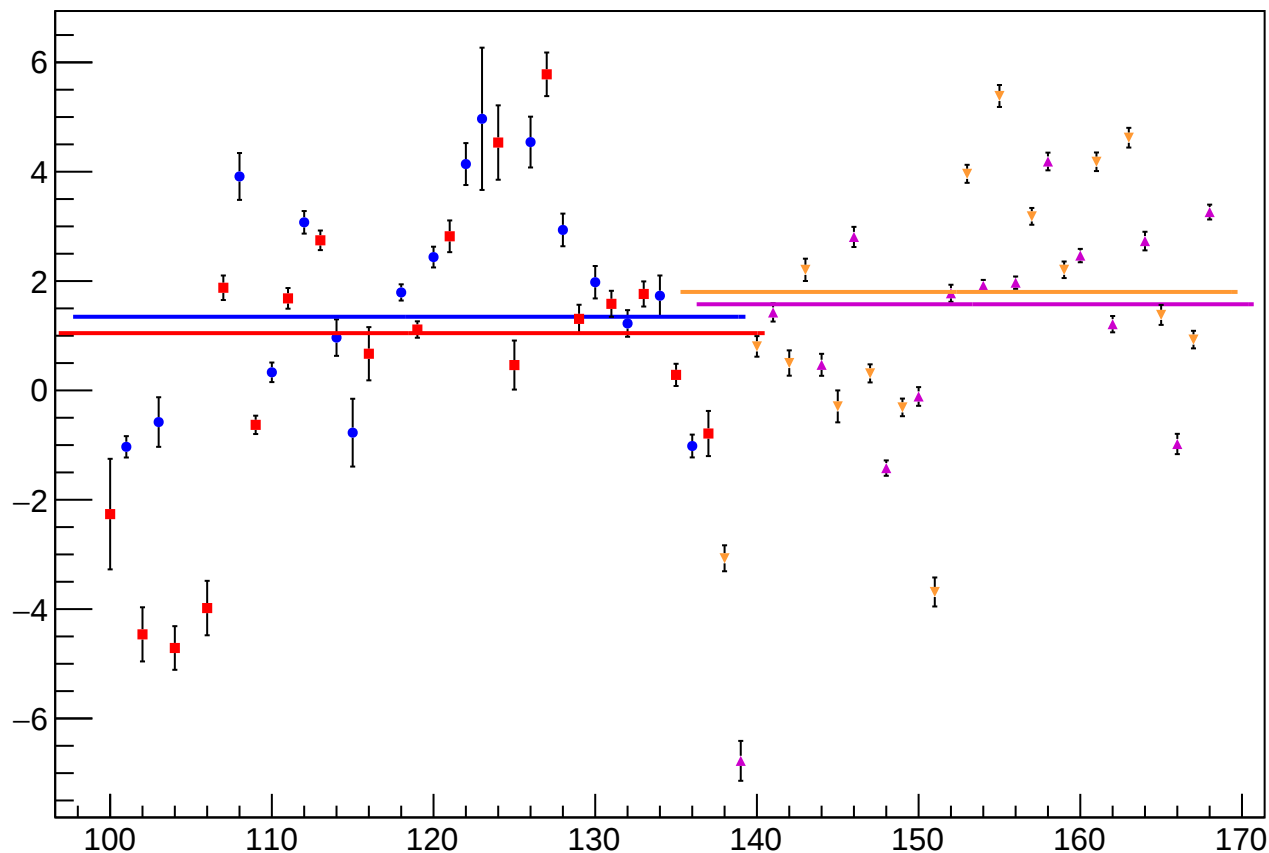
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.801 ± 0.046 χ^2/NDF : 2269.6/15

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.576 ± 0.039 χ^2/NDF : 1883.4/14

Left: 1.670 ± 0.030 χ^2/NDF : 4166.9/30

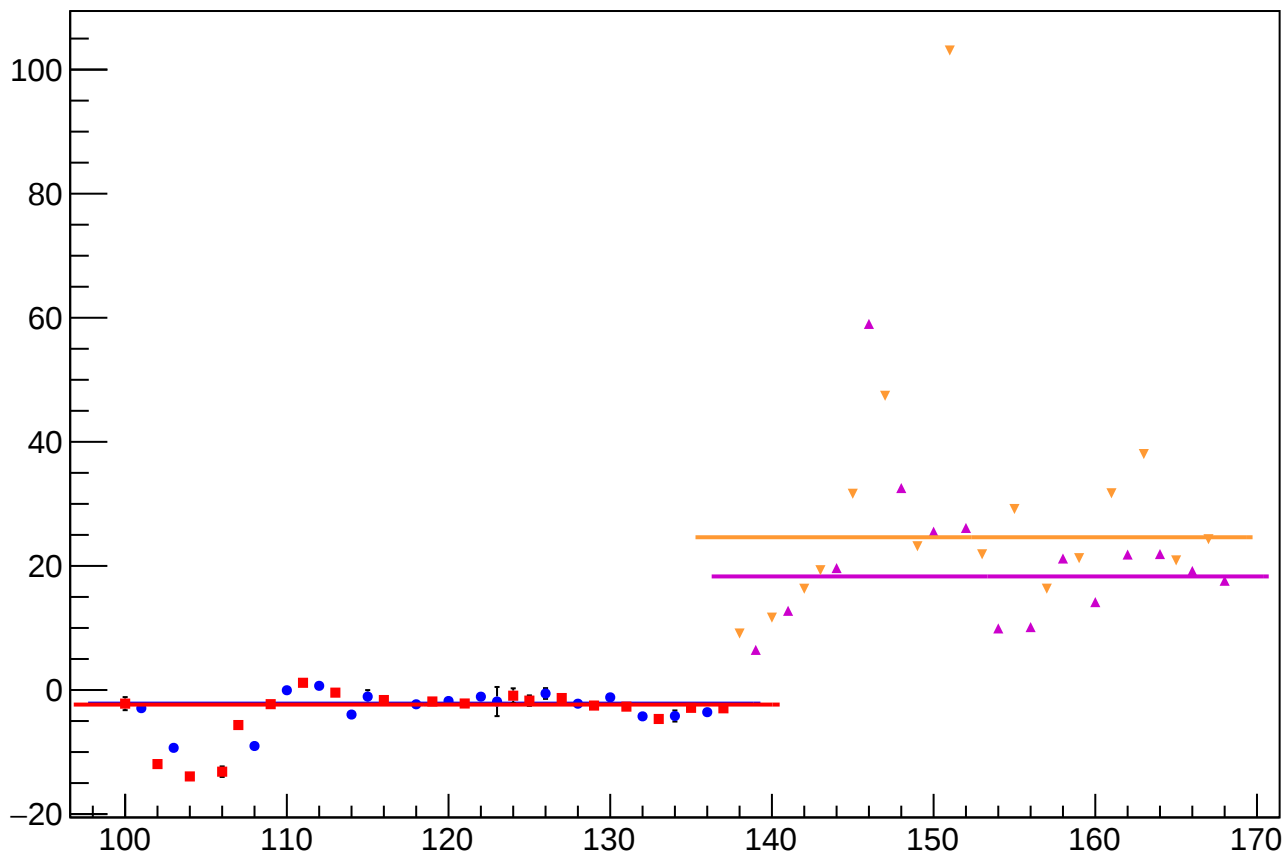
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.511 ± 0.033 χ^2/NDF : 2523.1/31

Out: 1.517 ± 0.036 χ^2/NDF : 3286.7/34

All: 1.514 ± 0.024 χ^2/NDF : 5809.8/66

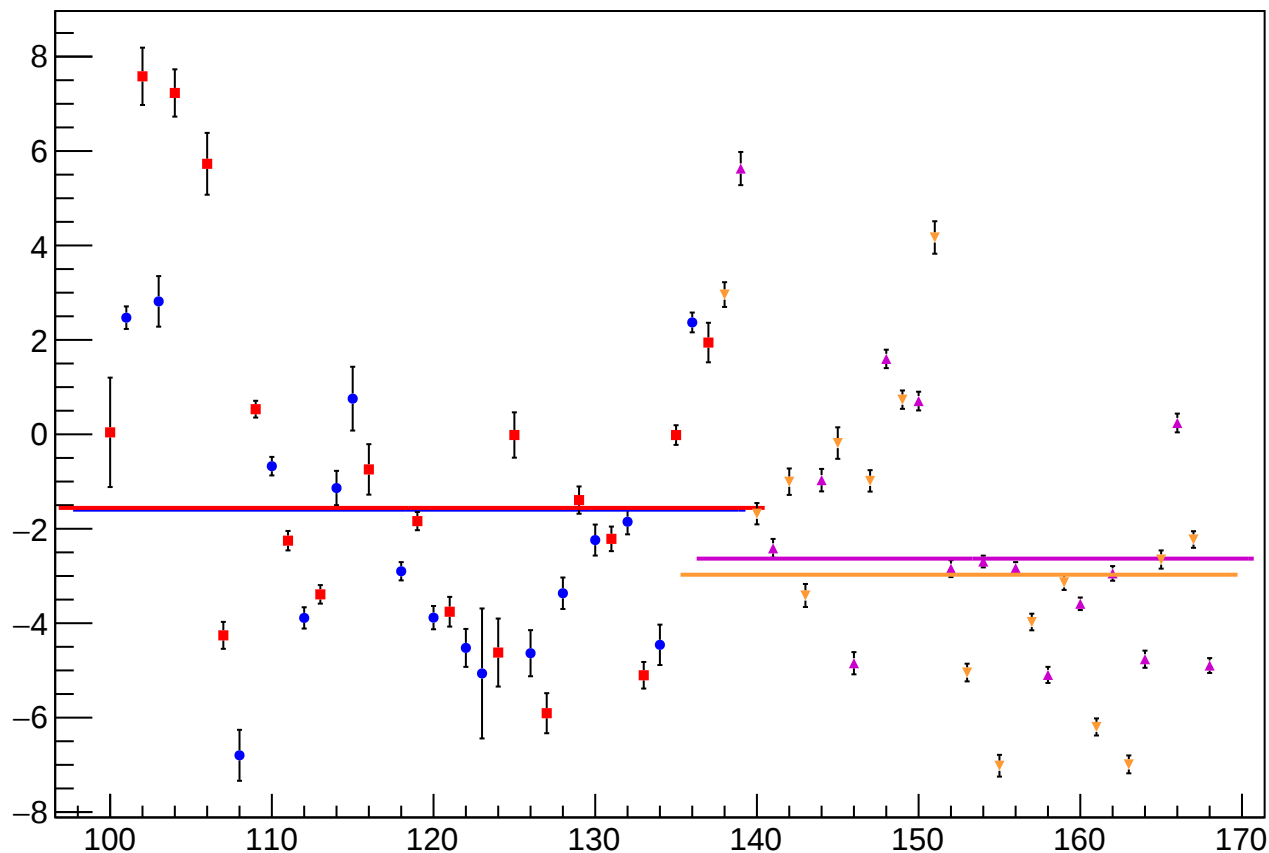
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$
 Left In: 18.306 ± 0.052 $\chi^2/\text{NDF}: 34529.7/14$

Left: 20.923 ± 0.039 $\chi^2/\text{NDF}: 91301.9/30$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$
 In: 14.763 ± 0.047 $\chi^2/\text{NDF}: 62288.1/31$
 Out: 17.344 ± 0.052 $\chi^2/\text{NDF}: 103664.2/34$
 All: 15.911 ± 0.035 $\chi^2/\text{NDF}: 167299.4/66$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.973 ± 0.052 χ^2/NDF : 2791.1/15

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -2.632 ± 0.044 χ^2/NDF : 2265.6/14

Left: -2.775 ± 0.034 χ^2/NDF : 5081.3/30

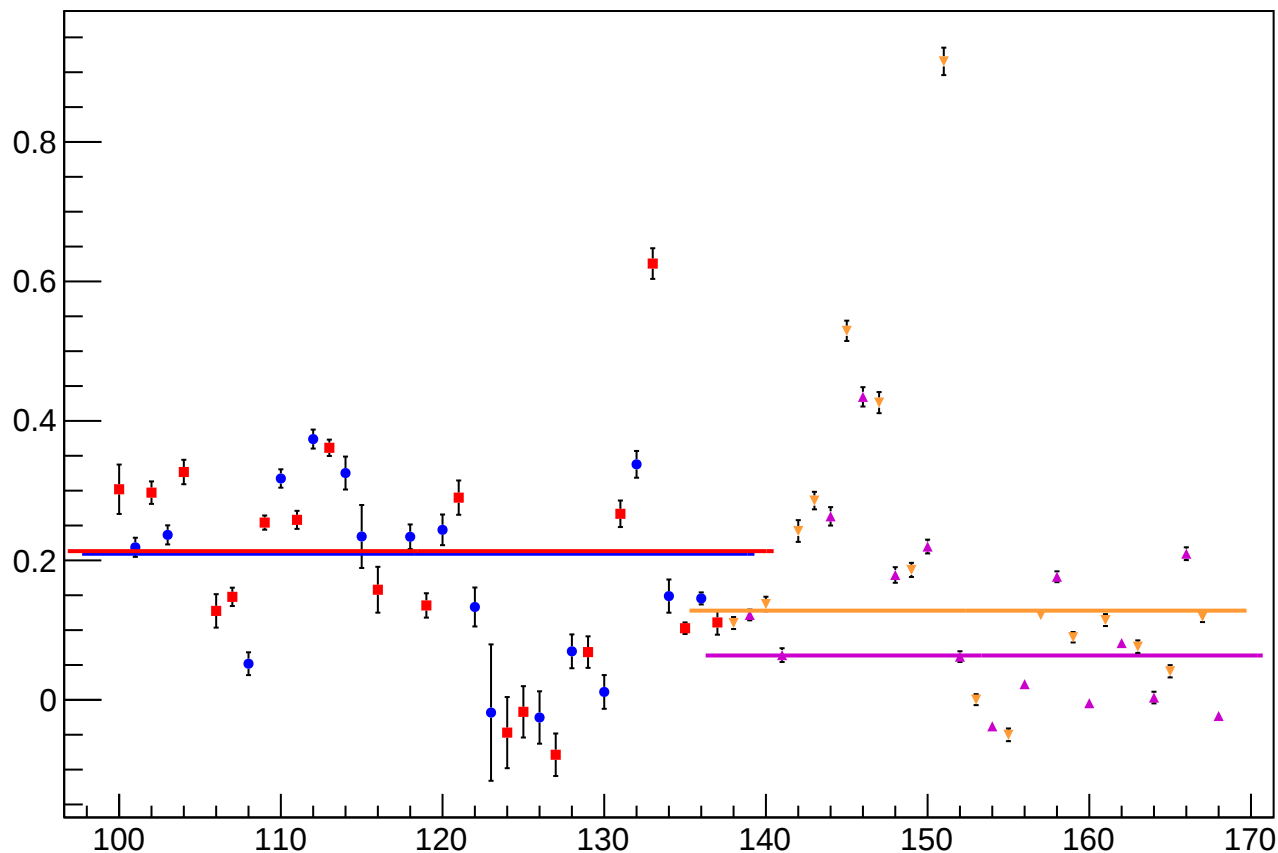
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -2.344 ± 0.038 χ^2/NDF : 3672.1/31

Out: -2.434 ± 0.041 χ^2/NDF : 4532.1/34

All: -2.385 ± 0.028 χ^2/NDF : 8206.7/66

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2/NDF : 597.7/16

Left Out: 0.128 $\pm$ 0.002 χ^2/NDF : 3807.6/15

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1103.2/18

Left In: 0.064 $\pm$ 0.002 χ^2/NDF : 2660.9/14

Left: 0.089 $\pm$ 0.001 χ^2/NDF : 6911.4/30

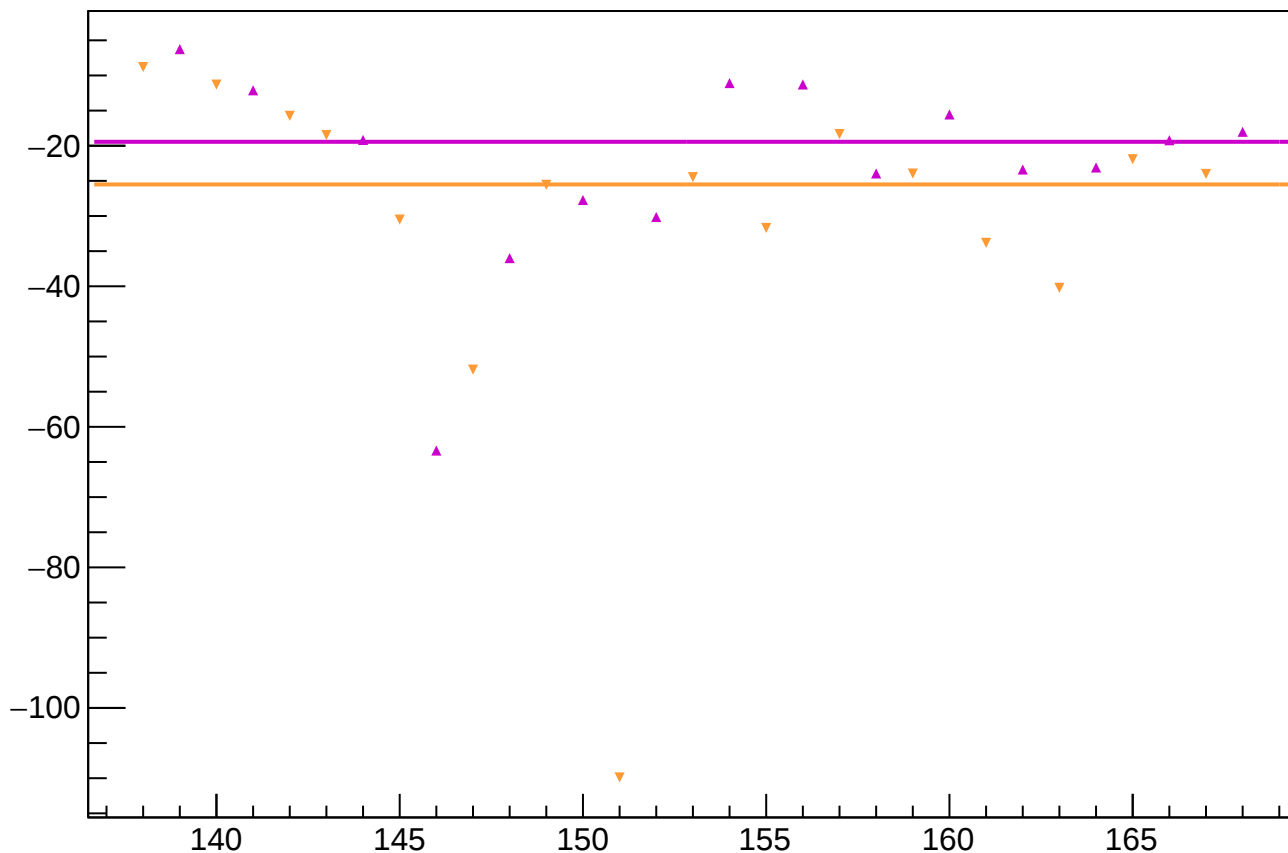
Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1701.4/35

In: 0.089 $\pm$ 0.002 χ^2/NDF : 4251.4/31

Out: 0.152 $\pm$ 0.002 χ^2/NDF : 5280.6/34

All: 0.117 $\pm$ 0.001 χ^2/NDF : 10093.0/66

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

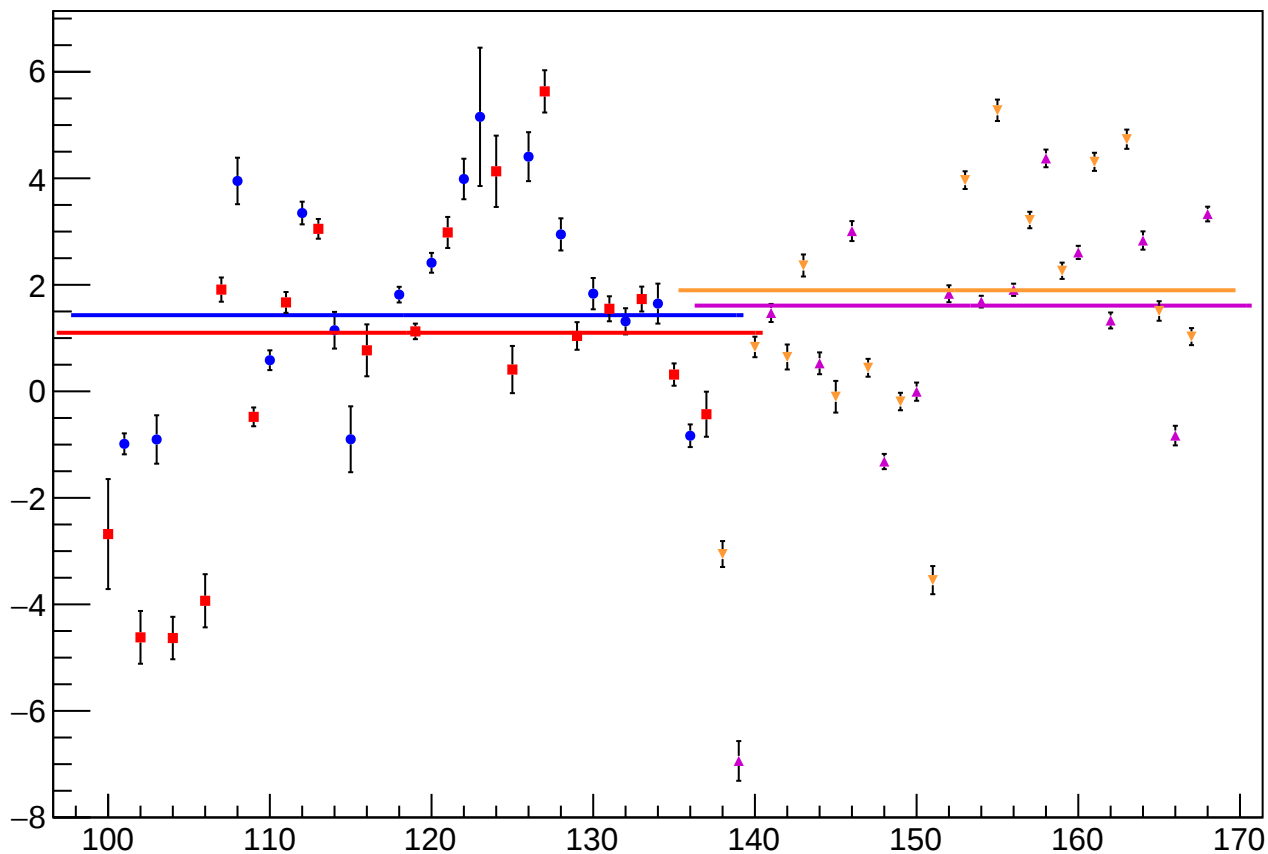
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 1.610 $\pm$ 0.040 χ^2 /NDF:1855.1/14

Left: 1.731 $\pm$ 0.030 χ^2 /NDF: 4059.2/30

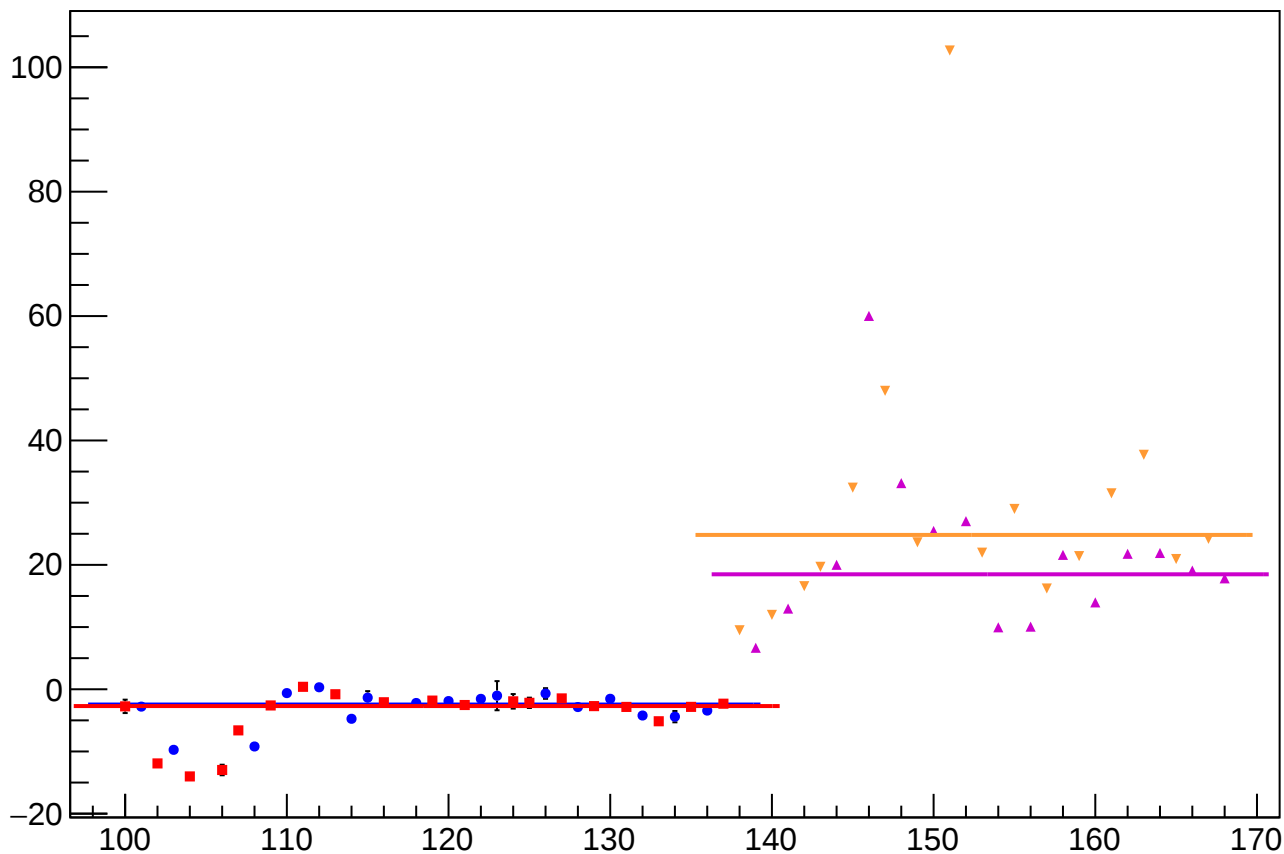
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.559 $\pm$ 0.033 χ^2 /NDF:2459.0/31

Out: 1.598 $\pm$ 0.037 χ^2 /NDF:3193.5/34

All: 1.577 $\pm$ 0.025 χ^2 /NDF: 5653.2/66

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.815 ± 0.062 χ^2/NDF : 49606.0/15

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.483 ± 0.052 χ^2/NDF : 34811.8/14

Left: 21.123 ± 0.040 χ^2/NDF : 90529.2/30

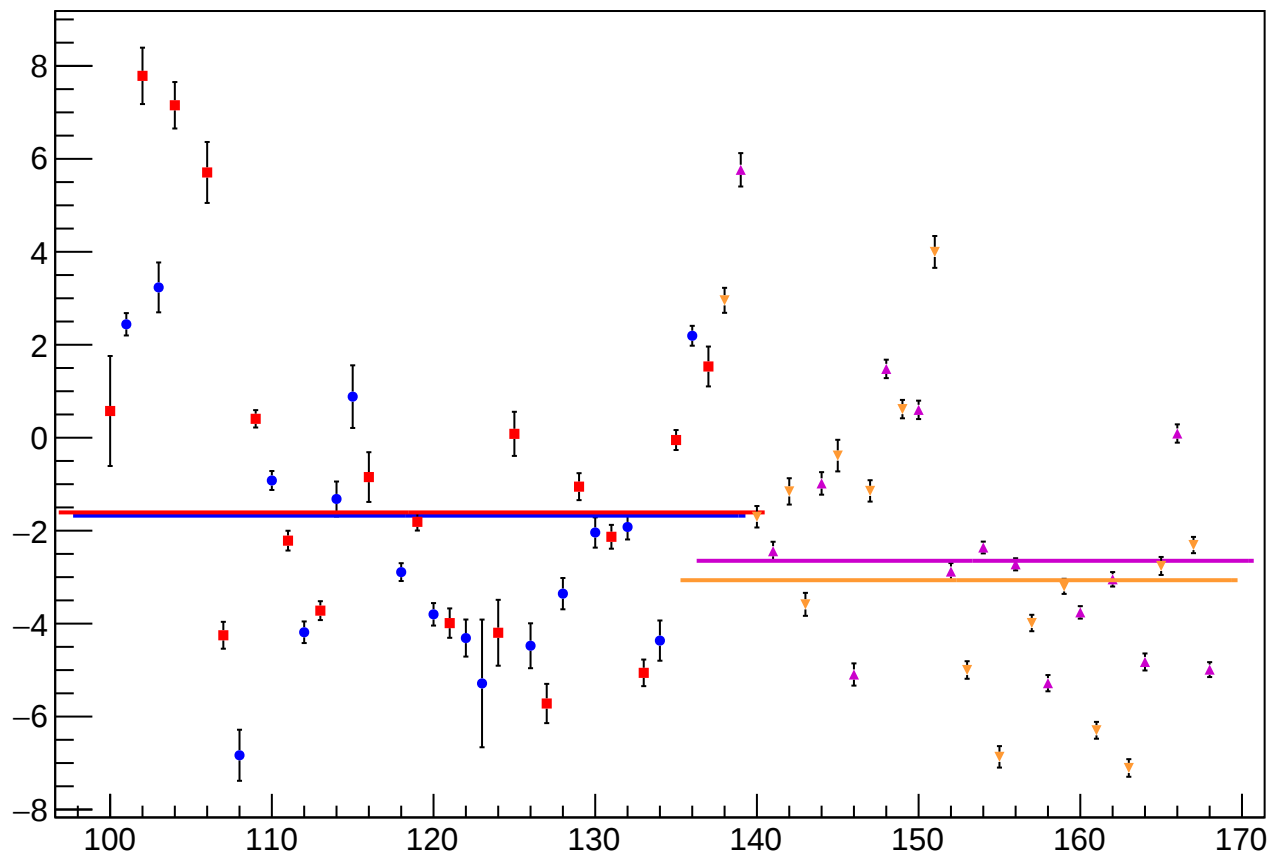
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 14.872 ± 0.048 χ^2/NDF : 62877.2/31

Out: 17.533 ± 0.053 χ^2/NDF : 102823.6/34

All: 16.058 ± 0.035 χ^2/NDF : 167096.3/66

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -3.066 ± 0.053 $\chi^2/\text{NDF}: 2685.7/15$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -2.648 ± 0.045 $\chi^2/\text{NDF}: 2259.0/14$

Left: -2.824 ± 0.034 $\chi^2/\text{NDF}: 4980.8/30$

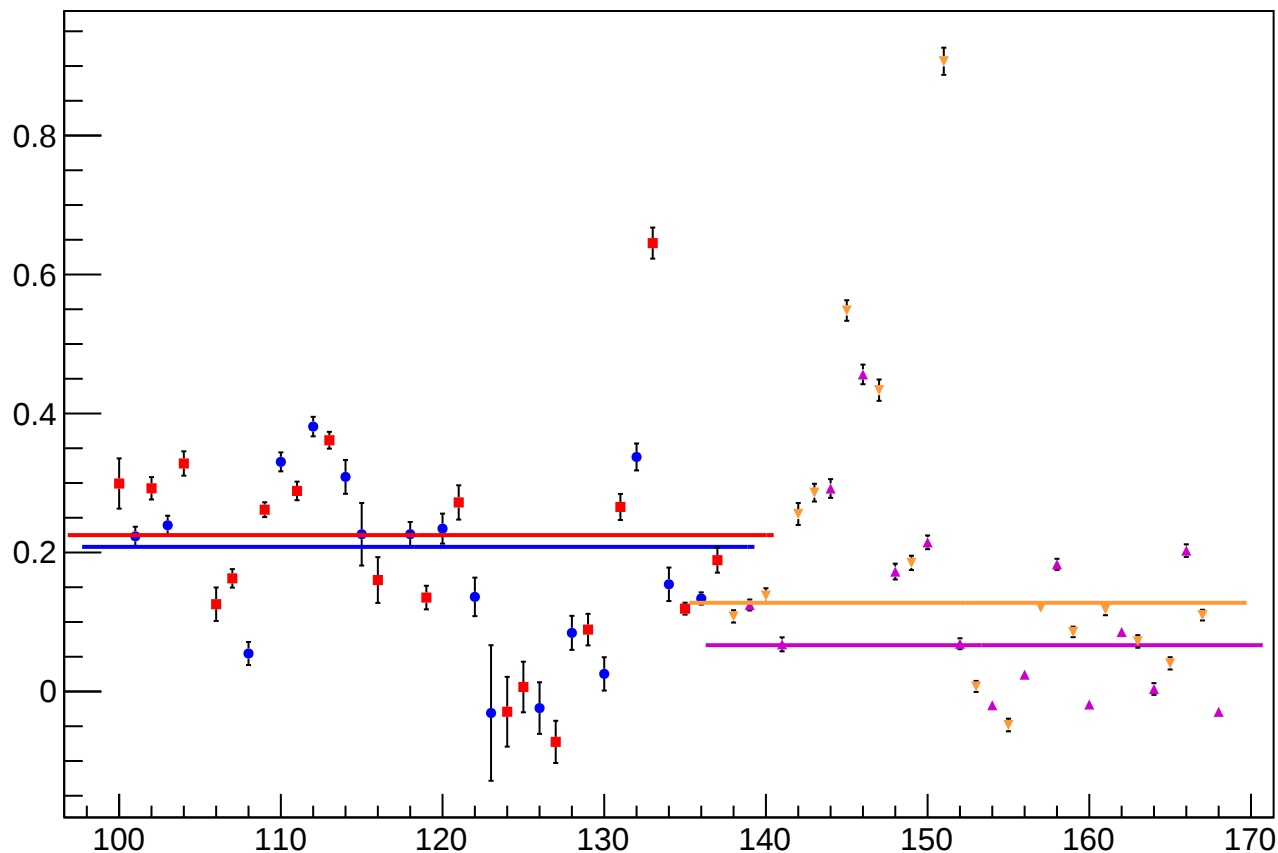
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -2.377 ± 0.038 $\chi^2/\text{NDF}: 3593.4/31$

Out: -2.515 ± 0.042 $\chi^2/\text{NDF}: 4403.7/34$

All: -2.440 ± 0.028 $\chi^2/\text{NDF}: 8003.0/66$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.128 ± 0.002 χ^2/NDF : 3820.8/15

Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18

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 : 1609.0/35

In: 0.091 ± 0.002 χ^2/NDF : 4182.9/31

Out: 0.155 ± 0.002 χ^2/NDF : 5287.1/34

All: 0.119 ± 0.001 χ^2/NDF : 10022.2/66