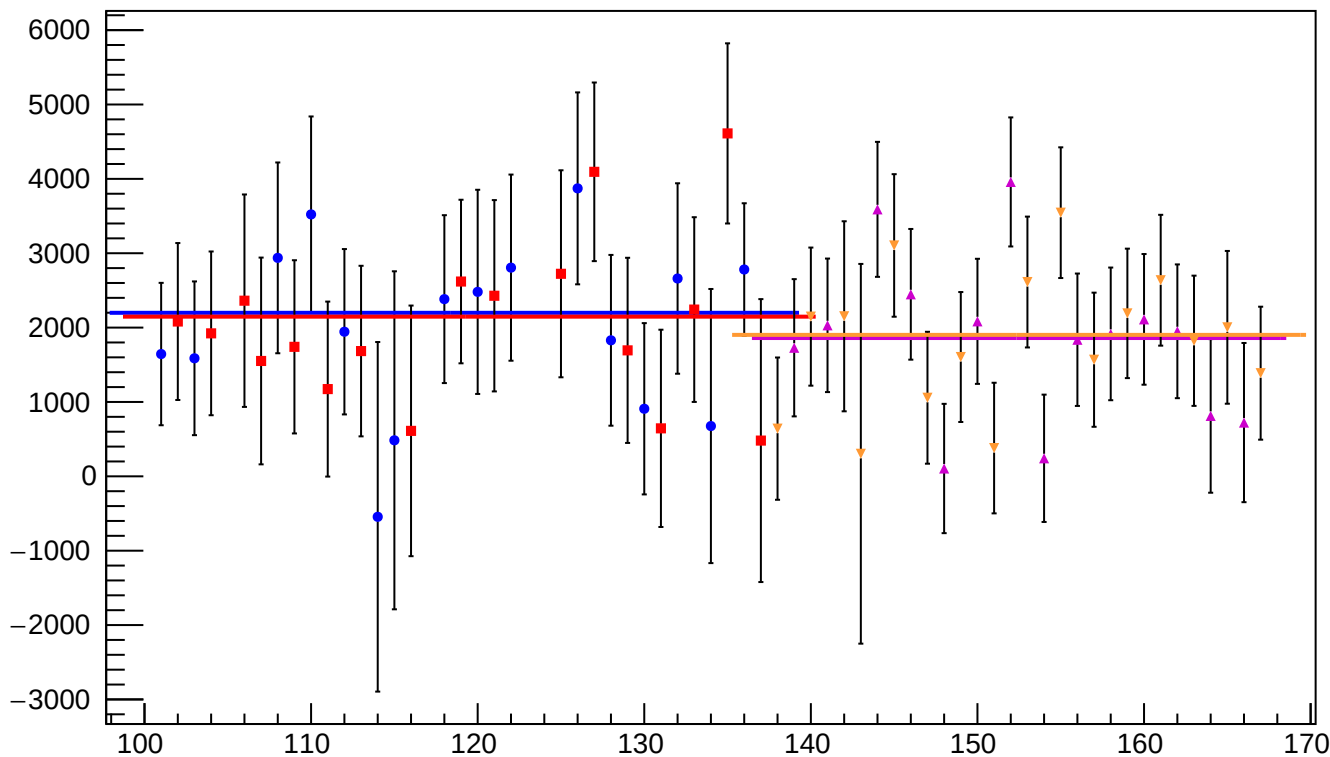


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880 $\pm$ 306.767

Left Out: 1902.100 $\pm$ 236.245

Right Out: 2147.149 $\pm$ 304.804

Left In: 1859.828 $\pm$ 241.028

χ^2 /NDF: 8.6/15

χ^2 /NDF:13.3/15

χ^2 /NDF: 11.4/16

χ^2 /NDF:20.0/13

Left: 1881.388 $\pm$ 168.716

Right: 2172.848 $\pm$ 216.219

In: 1989.243 $\pm$ 189.525

Out: 1994.064 $\pm$ 186.725

All: 1991.690 $\pm$ 133.014

χ^2 /NDF: 33.3/29

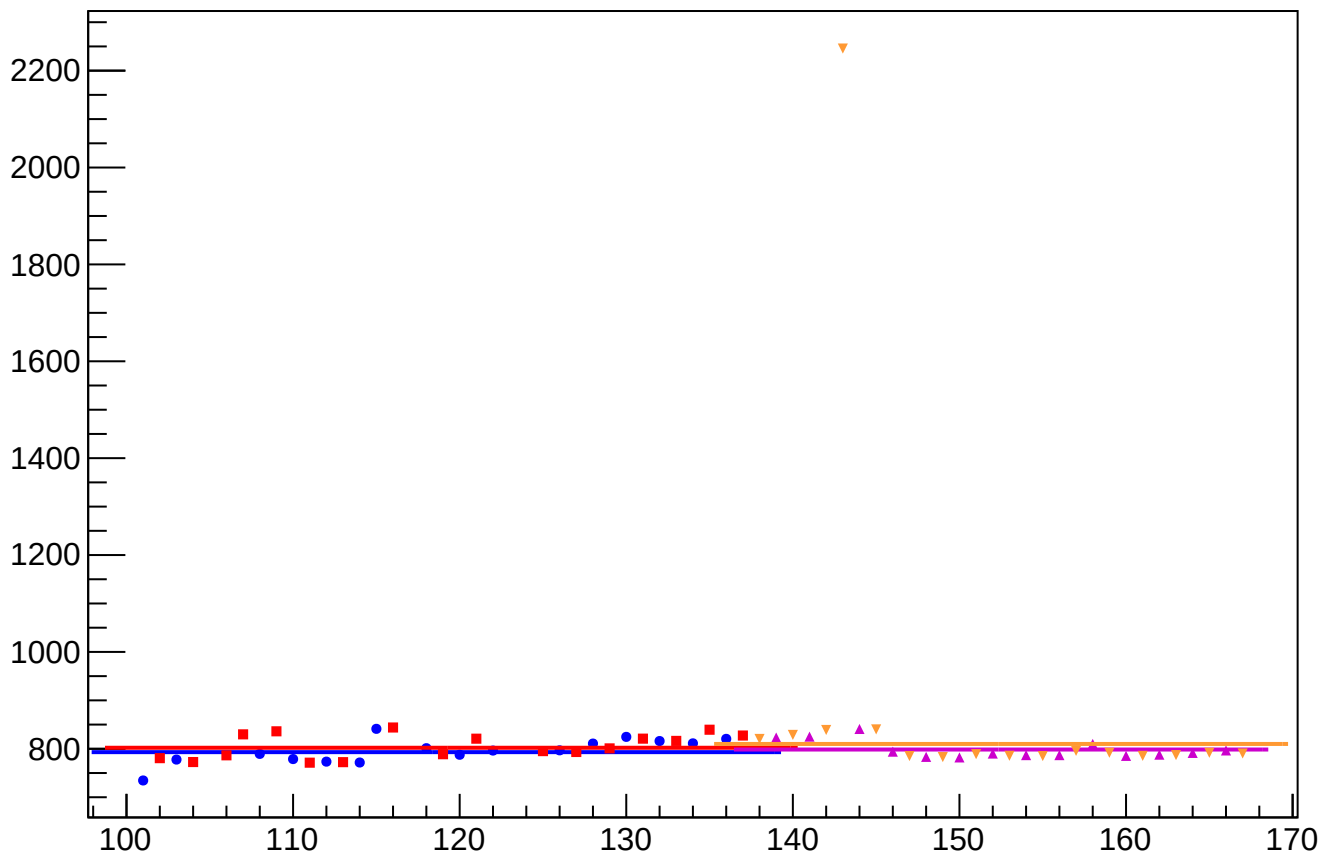
χ^2 /NDF: 20.0/32

χ^2 /NDF:29.3/29

χ^2 /NDF:25.1/32

χ^2 /NDF: 54.4/62

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 798.493+/-0.170 χ^2/NDF : 11024.0/13

Left: 804.363+/-0.119 χ^2/NDF : 663503.2/29

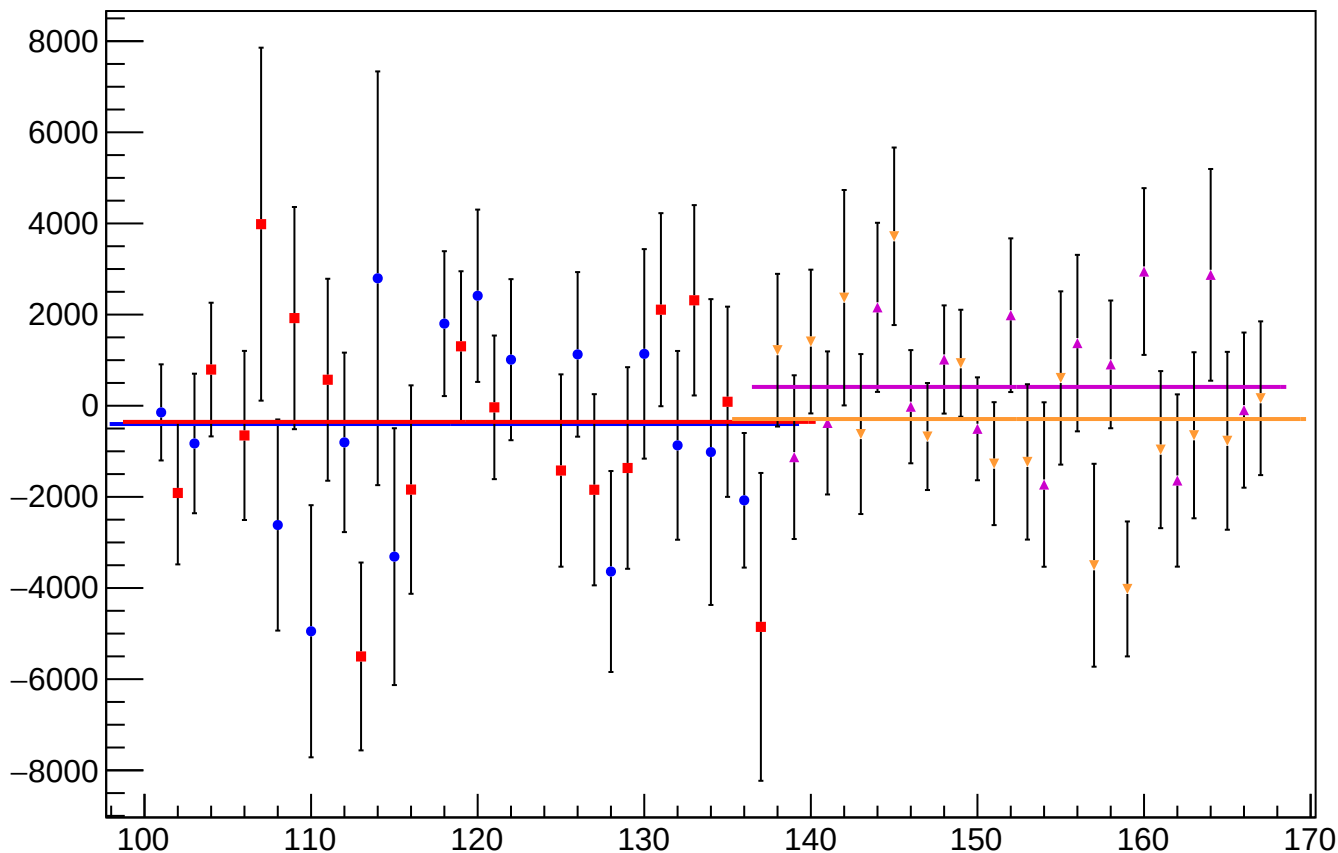
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 796.431+/-0.134 χ^2/NDF : 26110.5/29

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

All: 801.822+/-0.094 χ^2/NDF : 693005.9/62

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: -291.794+/-406.304 χ^2/NDF : 18.5/15

Right Out: -354.462+/-486.525 χ^2/NDF : 17.4/16

Left In: 412.724+/-419.169 χ^2/NDF : 9.9/13

Left: 49.487+/-291.742 χ^2/NDF : 29.8/29

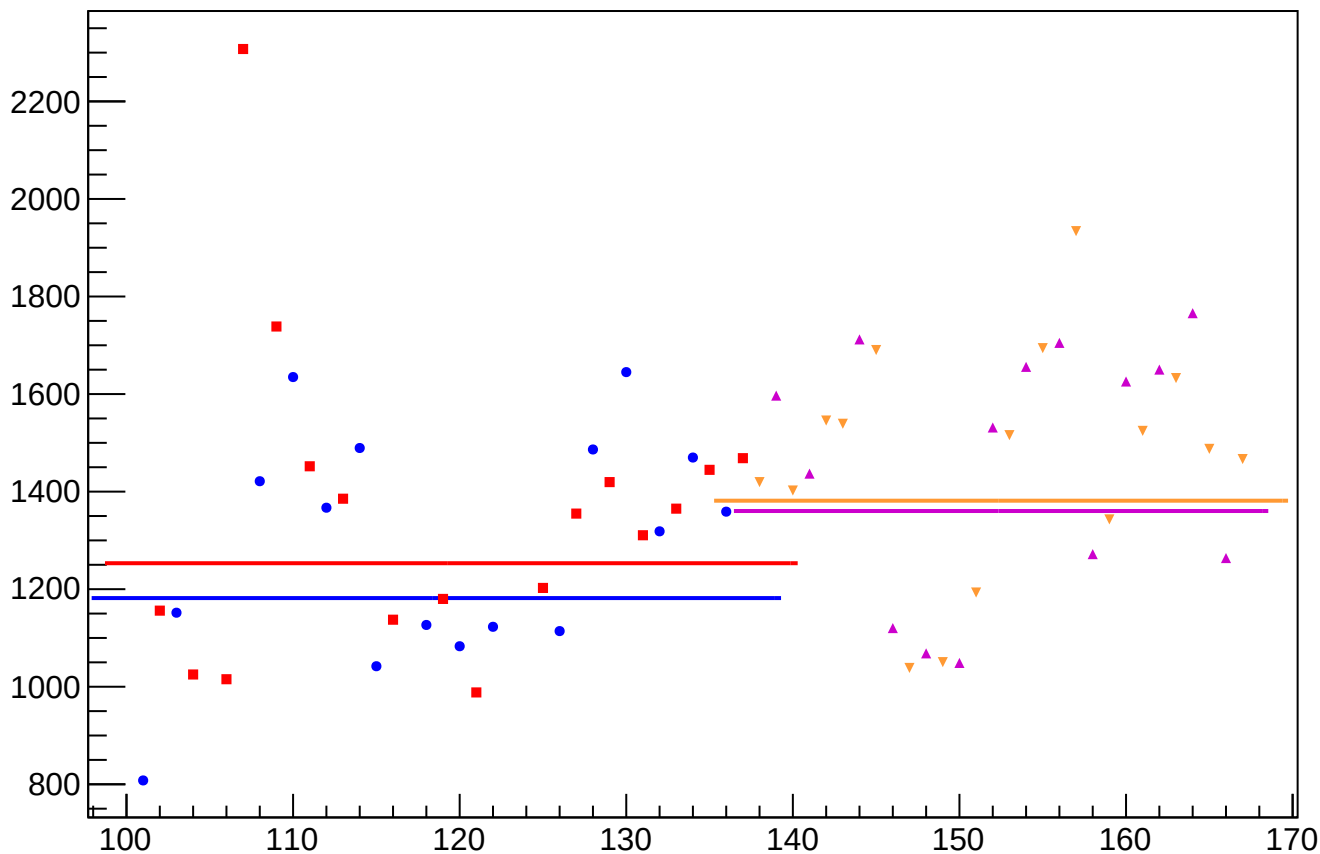
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: 50.883+/-312.437 χ^2/NDF : 26.4/29

Out: -317.543+/-311.858 χ^2/NDF : 35.9/32

All: -133.672+/-220.721 χ^2/NDF : 63.0/62

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767+/-0.331 χ^2/NDF : 543493.3/15

Left Out: 1381.409+/-0.287 χ^2/NDF : 700192.1/15

Right Out: 1253.221+/-0.344 χ^2/NDF : 455640.3/16

Left In: 1360.247+/-0.296 χ^2/NDF : 761142.0/13

Left: 1371.158+/-0.206 χ^2/NDF : 1463962.4/29

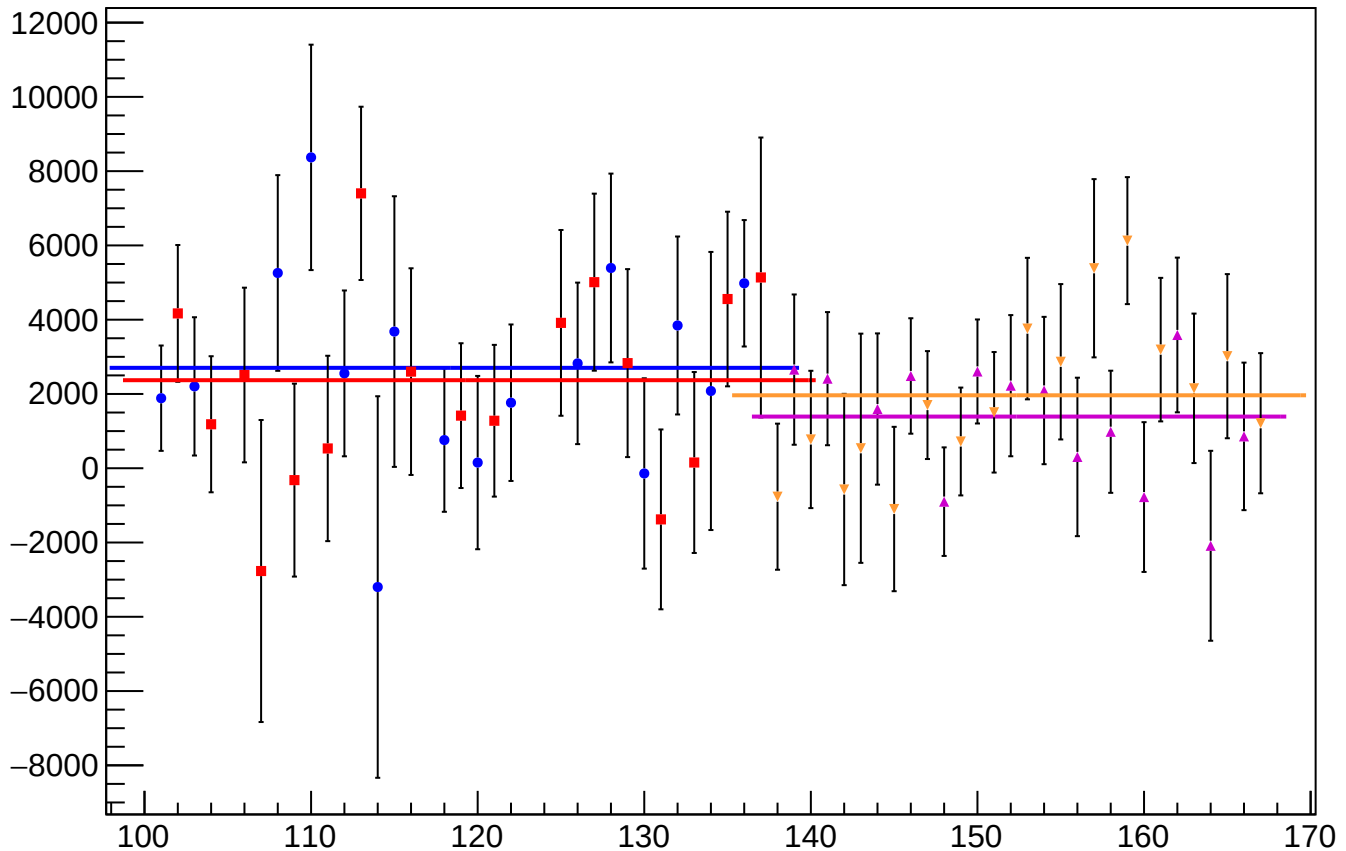
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1280.927+/-0.221 χ^2/NDF : 1465782.9/29

Out: 1328.741+/-0.221 χ^2/NDF : 1237627.1/32

All: 1304.878+/-0.156 χ^2/NDF : 2726873.1/62

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: 1964.286+/-479.001 χ^2/NDF : 16.1/15

Right Out: 2370.617+/-573.481 χ^2/NDF : 16.0/16

Left In: 1391.117+/-488.444 χ^2/NDF : 9.3/13

Left: 1683.296+/-341.995 χ^2/NDF : 26.1/29

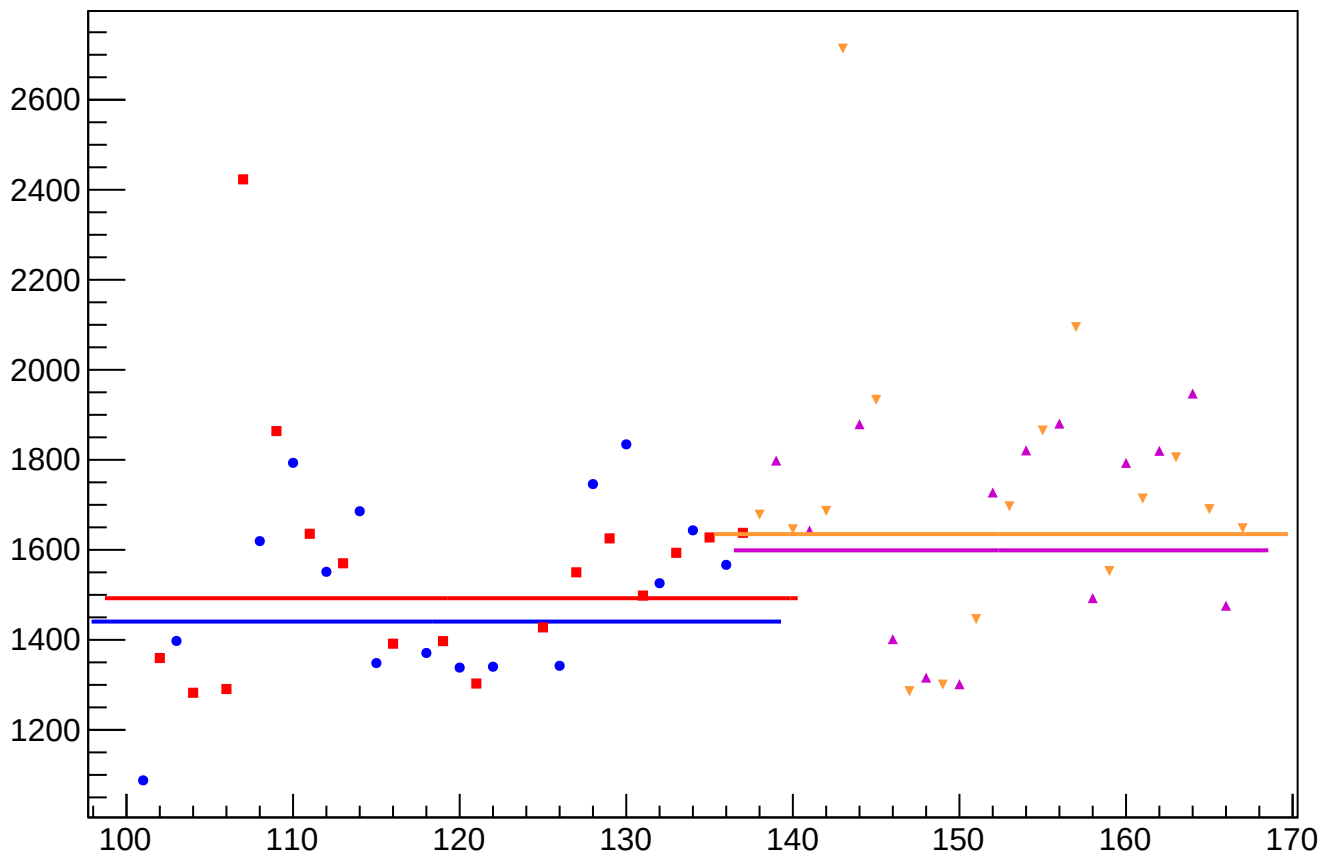
Right: 2539.780+/-402.301 χ^2/NDF : 29.2/32

In: 1953.080+/-369.369 χ^2/NDF : 25.4/29

Out: 2131.267+/-367.632 χ^2/NDF : 32.5/32

All: 2042.594+/-260.567 χ^2/NDF : 58.0/62

asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1598.917+/-0.345 χ^2/NDF : 419093.1/13

Left: 1617.312+/-0.242 χ^2/NDF : 1079153.3/29

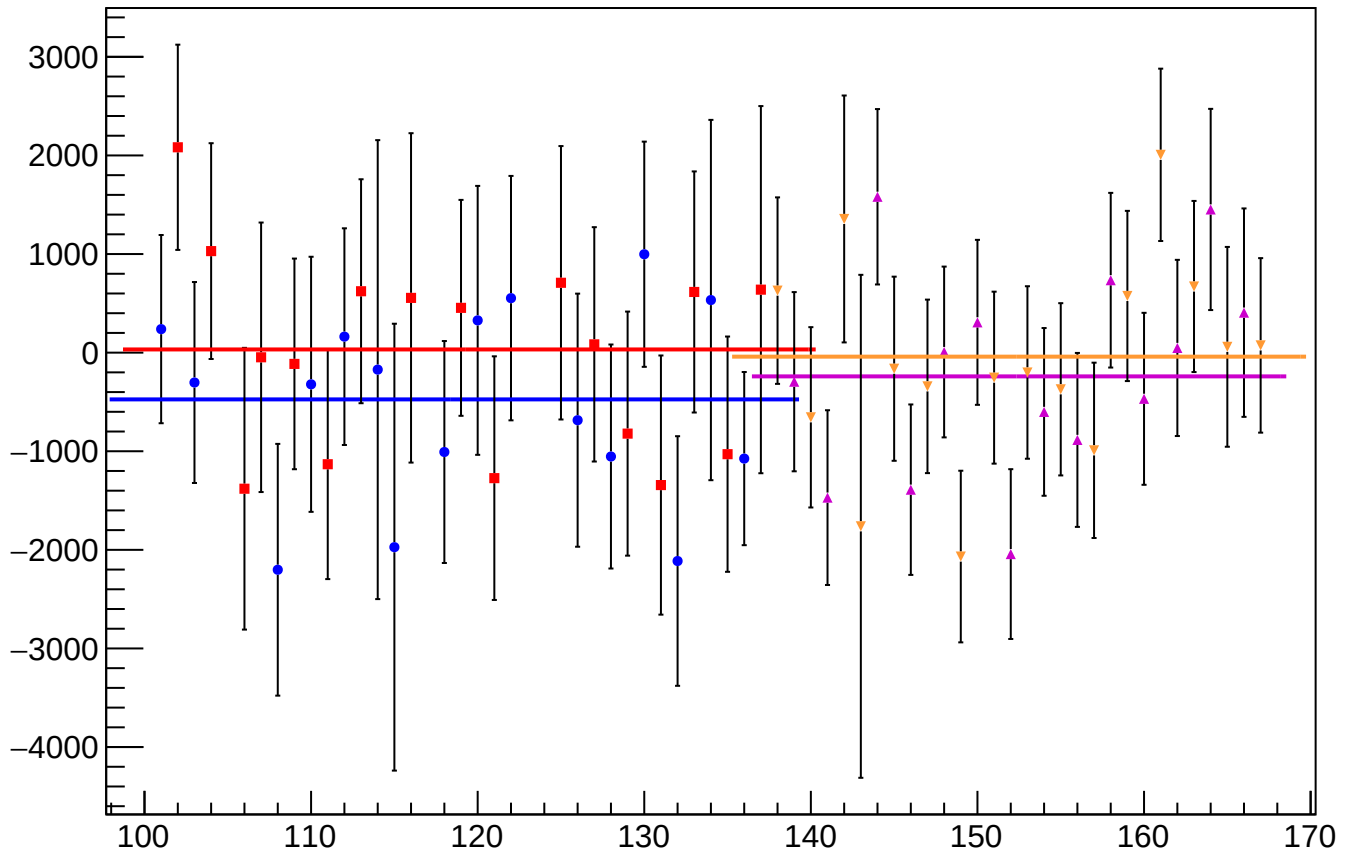
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1531.158+/-0.261 χ^2/NDF : 791253.5/29

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

All: 1553.912+/-0.184 χ^2/NDF : 1785077.0/62

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -240.757 ± 238.617 χ^2/NDF : 18.0/13

Left: -138.656 ± 167.003 χ^2/NDF : 34.6/29

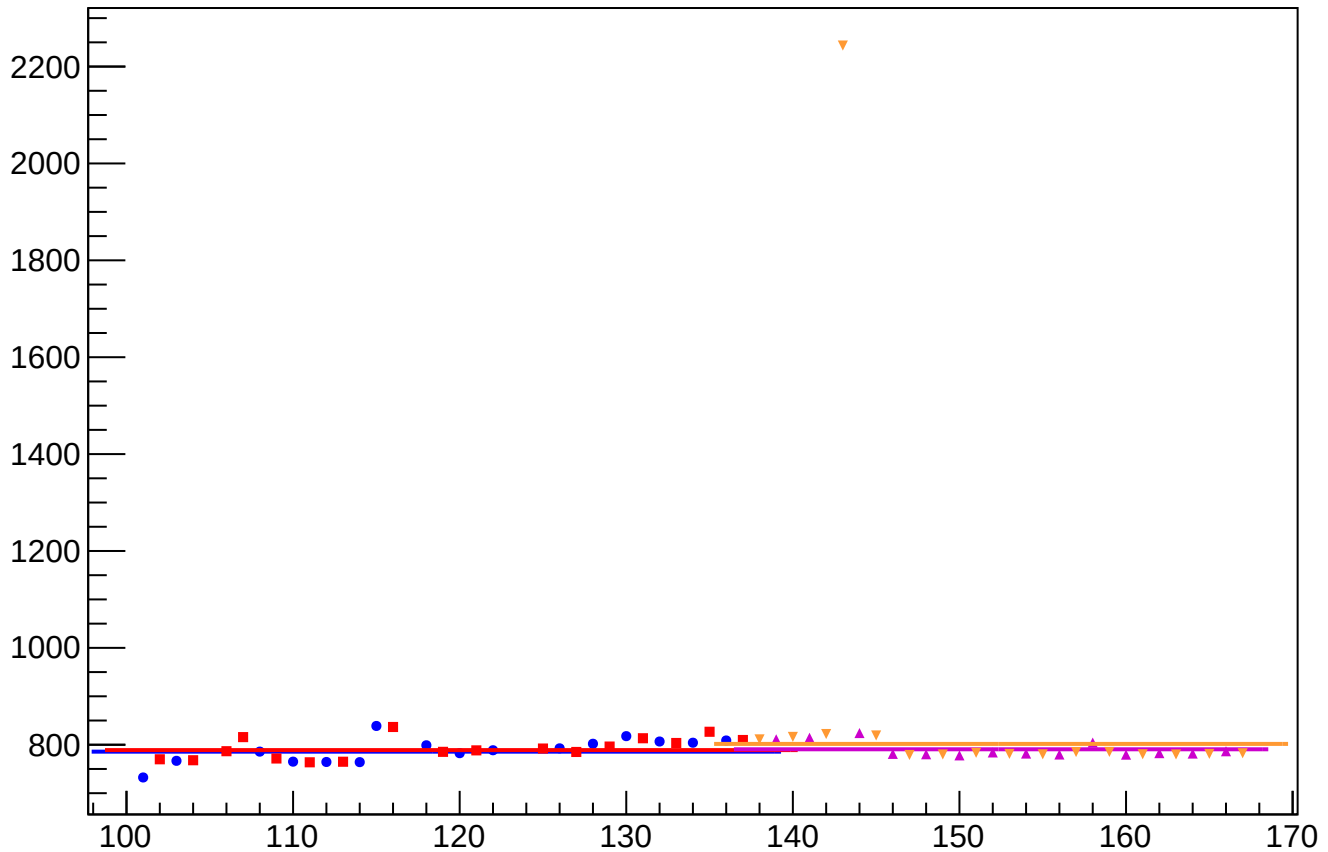
Right: -217.229 ± 213.362 χ^2/NDF : 21.6/32

In: -329.759 ± 187.681 χ^2/NDF : 27.2/29

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

All: -168.506 ± 131.508 χ^2/NDF : 56.3/62

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

Left In: 790.613 $\pm$ 0.169 χ^2 /NDF: 8063.6/13

Left: 796.282 $\pm$ 0.118 χ^2 /NDF: 662678.2/29

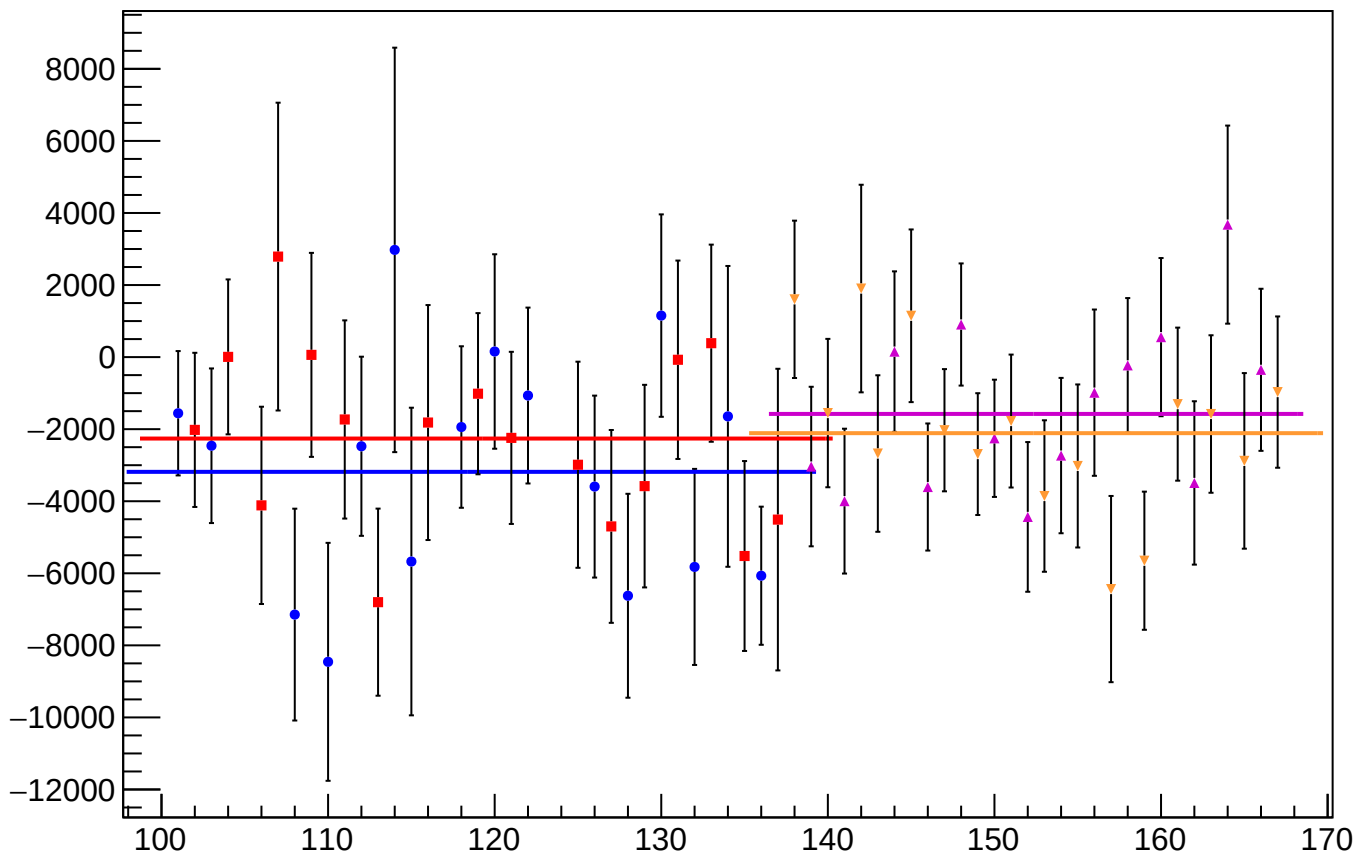
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 788.757 $\pm$ 0.133 χ^2 /NDF: 22302.4/29

Out: 796.886 $\pm$ 0.130 χ^2 /NDF: 664190.2/32

All: 792.894 $\pm$ 0.093 χ^2 /NDF: 688402.4/62

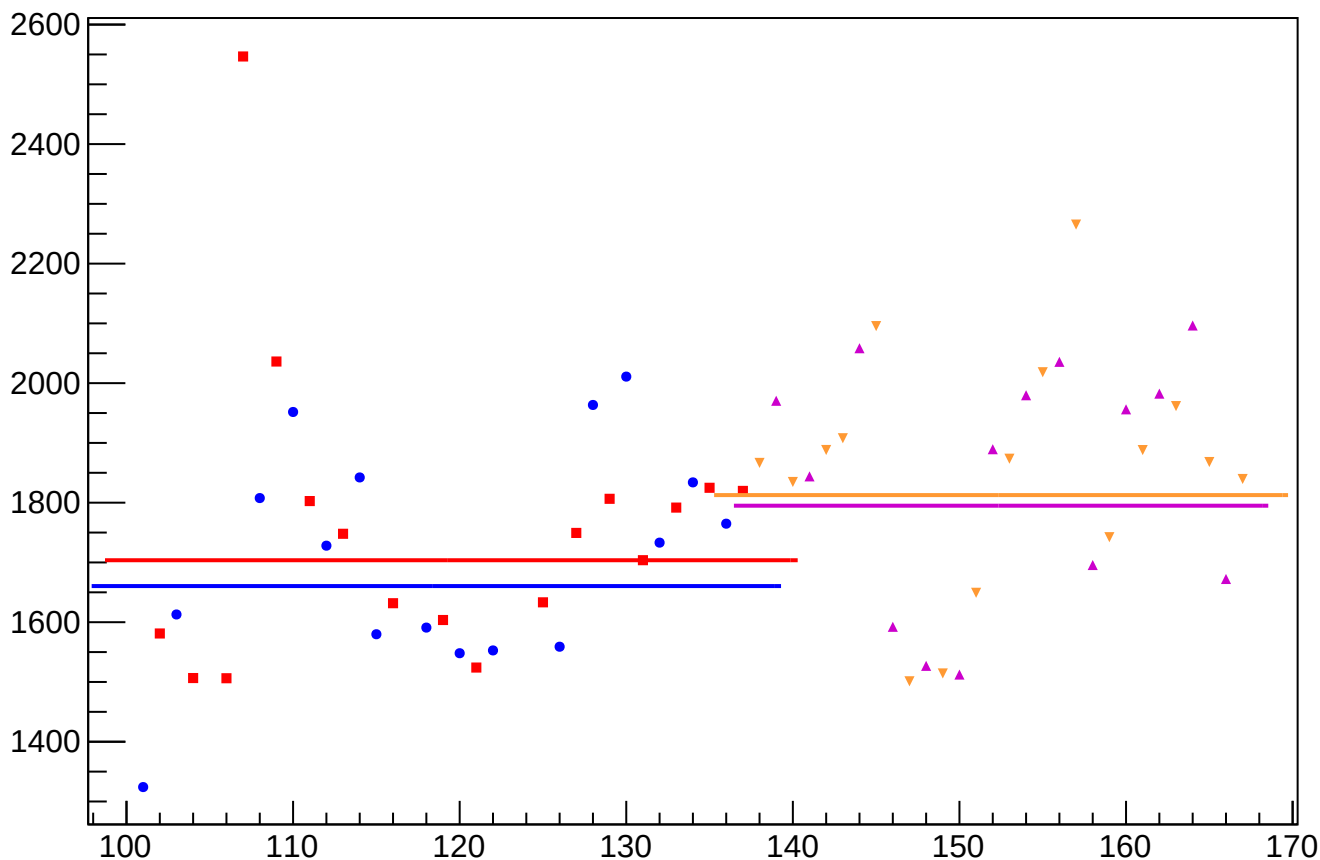
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2110.780 $\pm$ 526.056 χ^2/NDF :14.6/15
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -1576.875 $\pm$ 546.045 χ^2/NDF :14.5/13

Left: -1853.779 $\pm$ 378.847 χ^2/NDF : 29.6/29
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2245.191 $\pm$ 417.390 χ^2/NDF :34.9/29
 Out: -2169.717 $\pm$ 409.402 χ^2/NDF :26.3/32
 All: -2206.725 $\pm$ 292.274 χ^2/NDF : 61.2/62

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1812.689+/-0.372 χ^2/NDF : 275472.7/15

Right Out: 1703.679+/-0.461 χ^2/NDF : 171025.5/16

Left In: 1794.937+/-0.386 χ^2/NDF : 279168.1/13

Left: 1804.144+/-0.268 χ^2/NDF : 555737.2/29

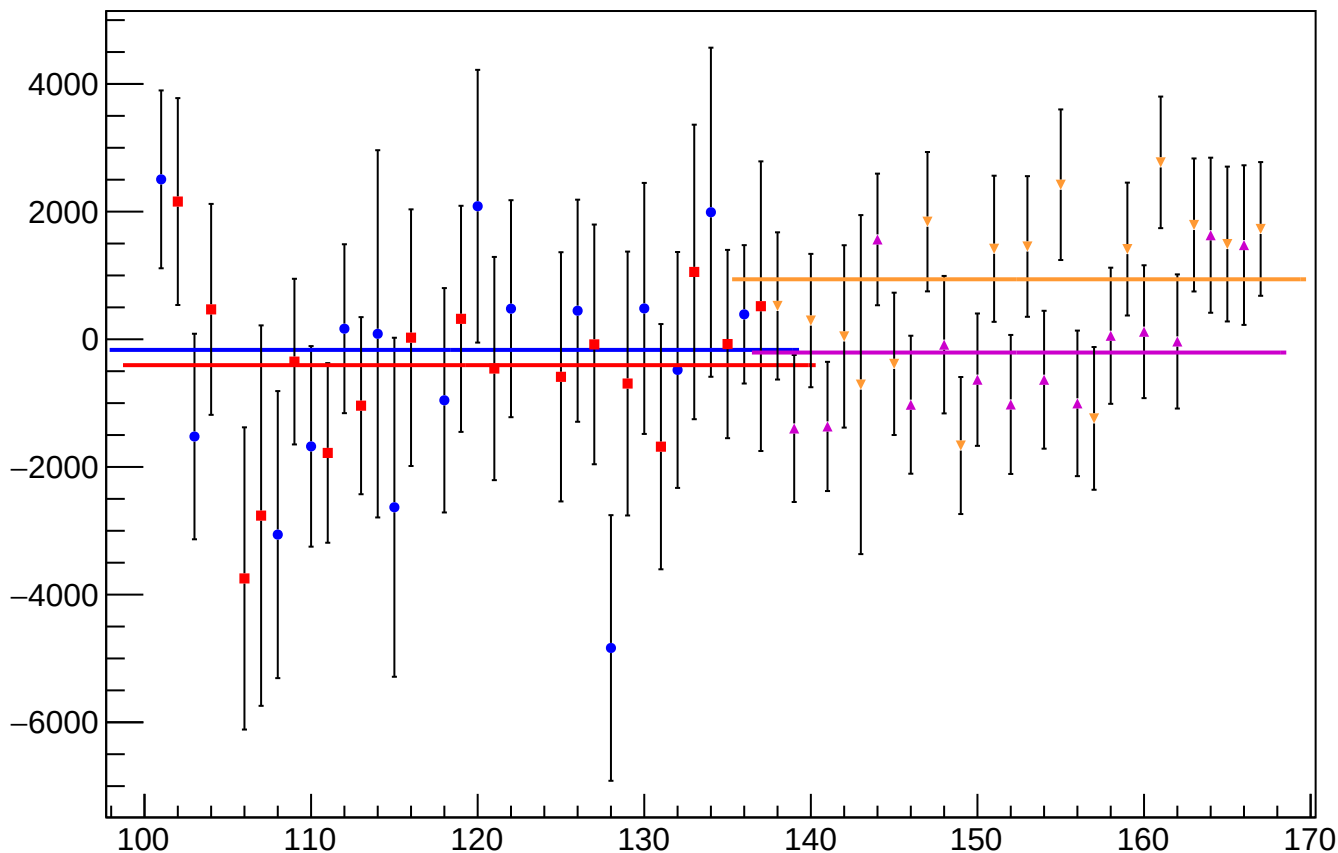
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

In: 1739.034+/-0.295 χ^2/NDF : 508799.7/29

Out: 1769.703+/-0.289 χ^2/NDF : 480363.7/32

All: 1754.665+/-0.207 χ^2/NDF : 994666.7/62

asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -207.723+/-290.920 χ^2/NDF : 11.6/13

Left: 377.541+/-203.655 χ^2/NDF : 39.4/29

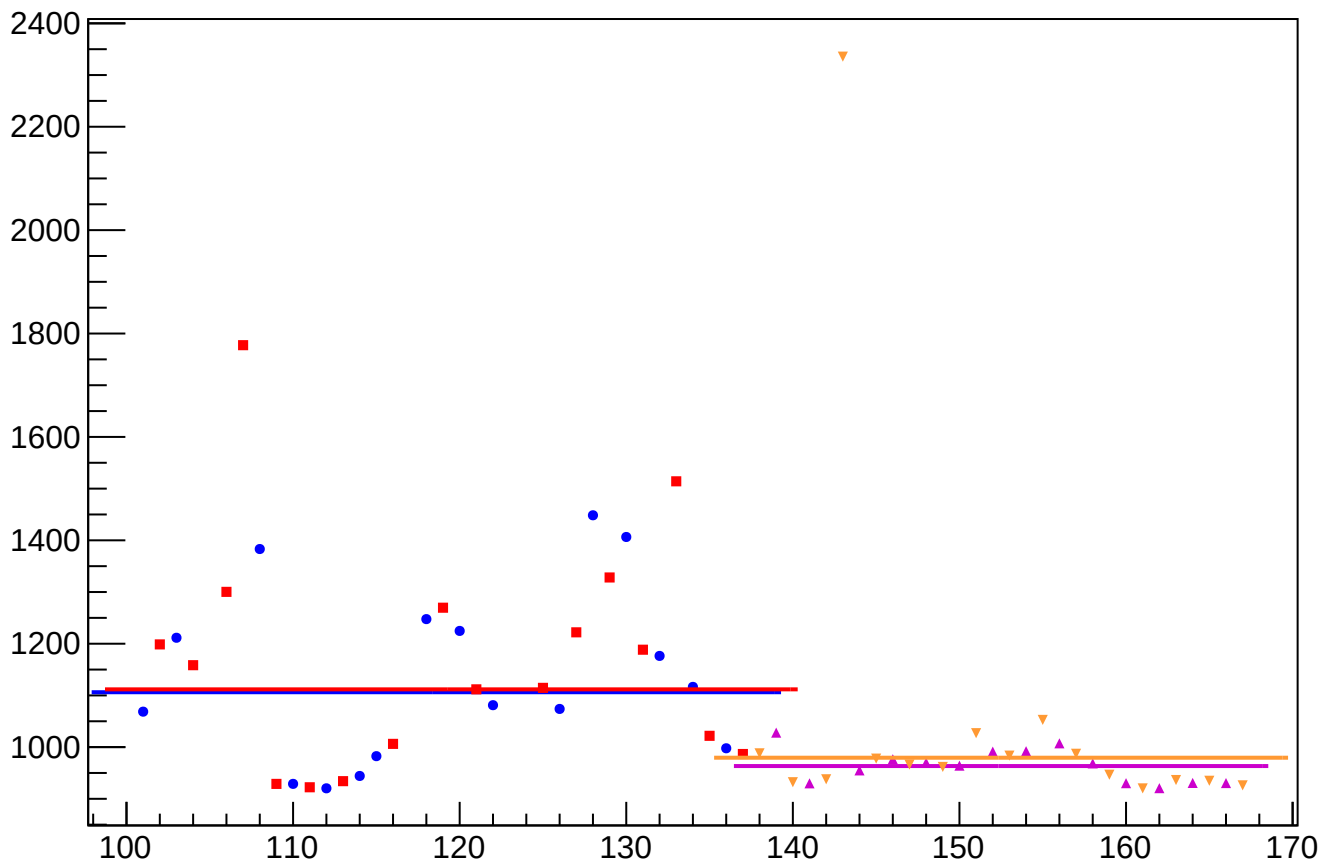
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -194.845+/-241.423 χ^2/NDF : 27.2/29

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

All: 172.174+/-169.284 χ^2/NDF : 66.3/62

asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 963.369 ± 0.206 $\chi^2/NDF: 22907.0/13$

Left: 971.593 ± 0.144 $\chi^2/NDF: 585676.3/29$

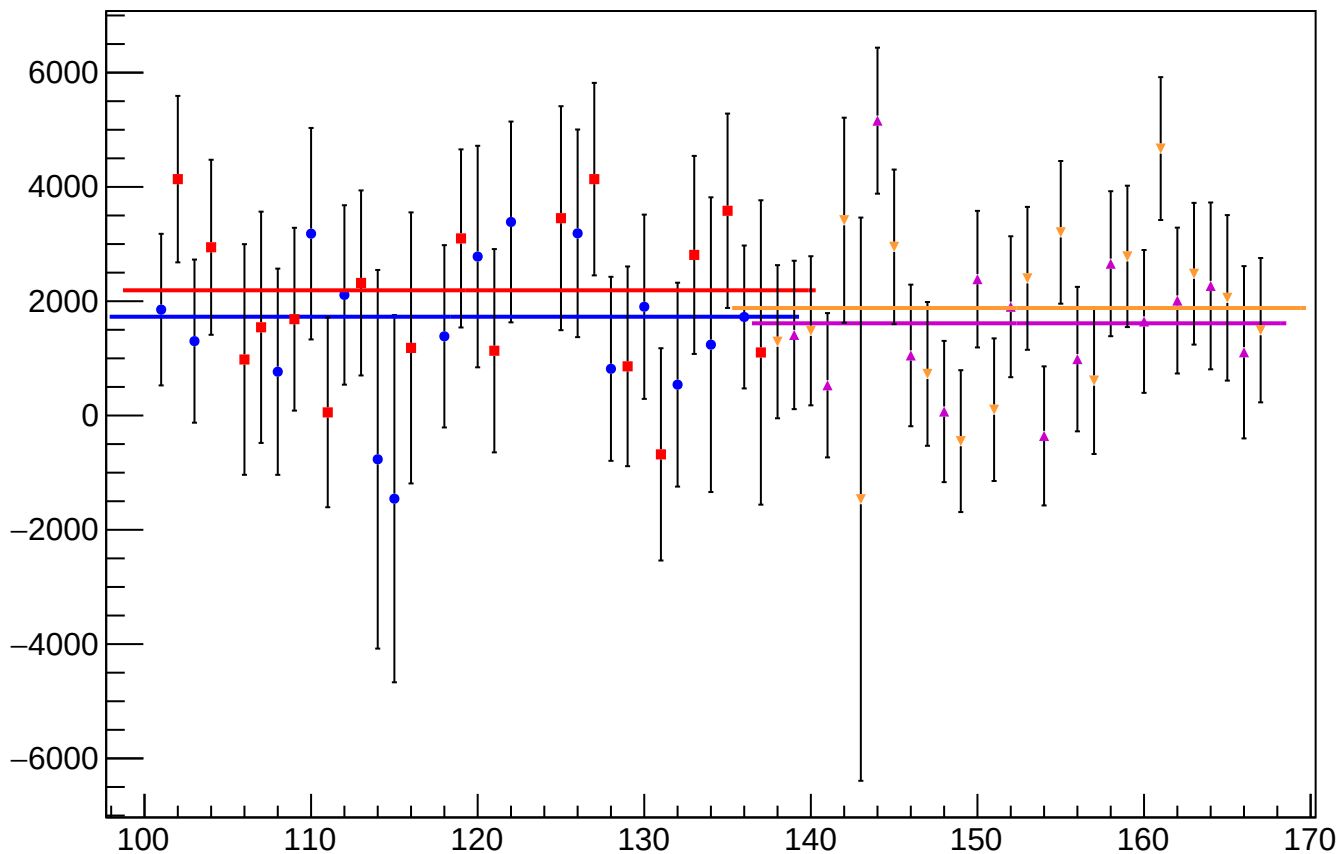
Right: 1108.969 ± 0.215 $\chi^2/NDF: 616473.4/32$

In: 1007.824 ± 0.171 $\chi^2/NDF: 432829.2/29$

Out: 1020.073 ± 0.168 $\chi^2/NDF: 1047958.4/32$

All: 1014.051 ± 0.120 $\chi^2/NDF: 1483404.8/62$

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1613.597 $\pm$ 341.322 χ^2/NDF : 14.7/13

Left: 1749.693 $\pm$ 239.143 χ^2/NDF : 31.6/29

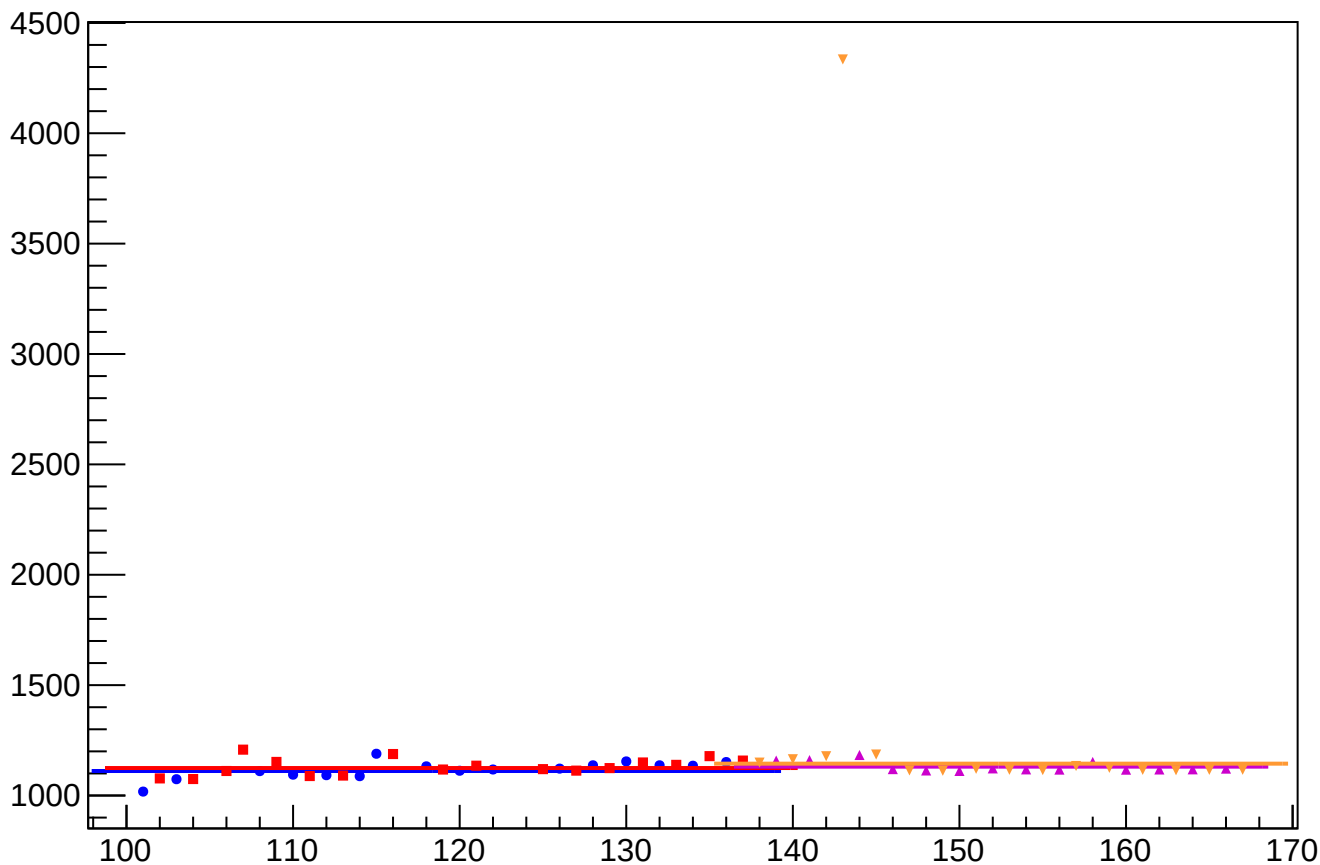
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1658.021 $\pm$ 267.291 χ^2/NDF : 20.0/29

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

All: 1830.840 $\pm$ 187.719 χ^2/NDF : 48.6/62

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1144.311 $\pm$ 0.237 χ^2 /NDF: 851024.5/15

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

Left In: 1130.840 $\pm$ 0.241 χ^2 /NDF: 8237.3/13

Left: 1137.698 $\pm$ 0.169 χ^2 /NDF: 860847.9/29

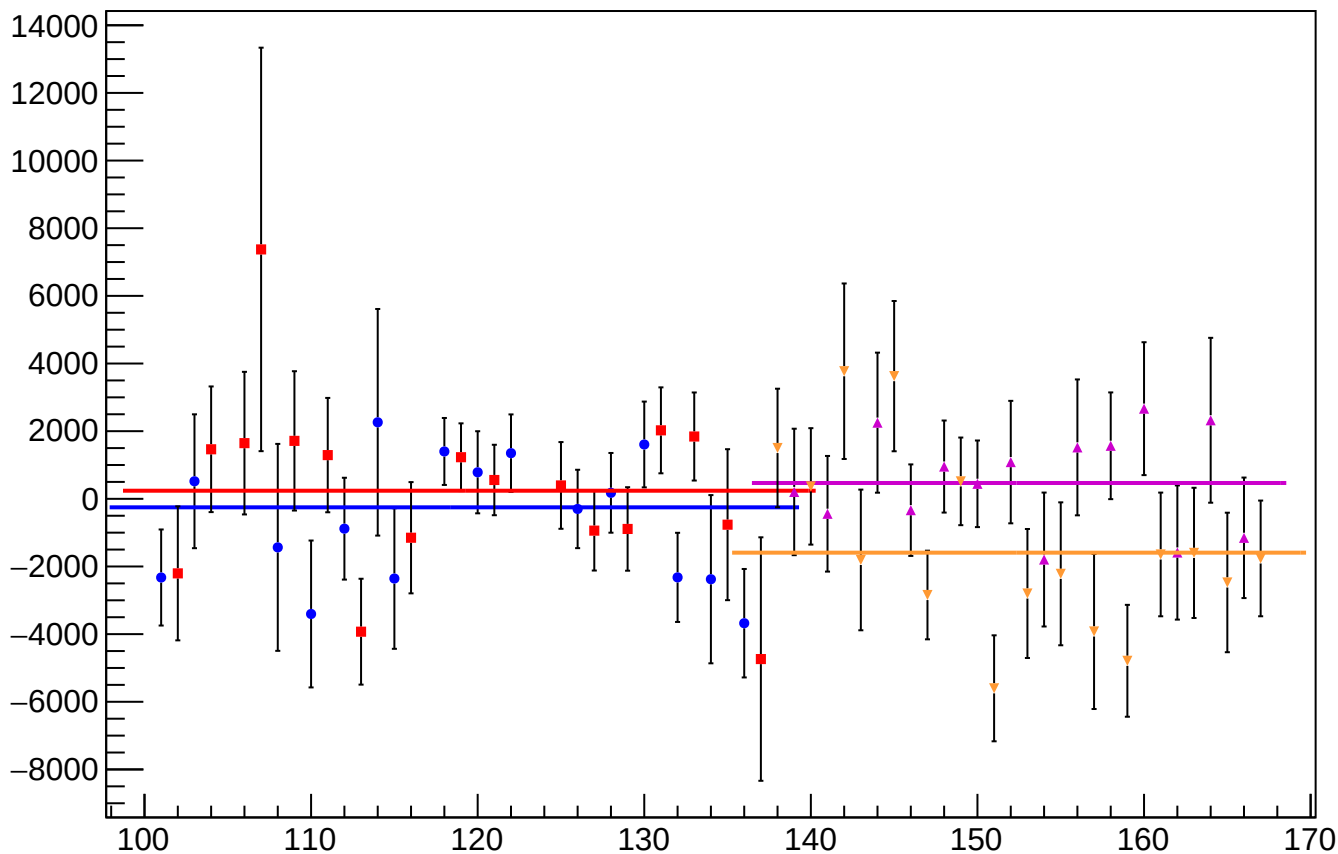
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1123.183 $\pm$ 0.189 χ^2 /NDF: 28930.7/29

Out: 1136.769 $\pm$ 0.186 χ^2 /NDF: 868283.6/32

All: 1130.068 $\pm$ 0.133 χ^2 /NDF: 899832.7/62

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1591.495 $\pm$ 445.768 χ^2/NDF :29.8/15

Right Out: 239.863 $\pm$ 363.842 χ^2/NDF : 21.1/16

Left In: 468.195 $\pm$ 458.085 χ^2/NDF :7.4/13

Left: -589.713 $\pm$ 319.472 χ^2/NDF : 47.6/29

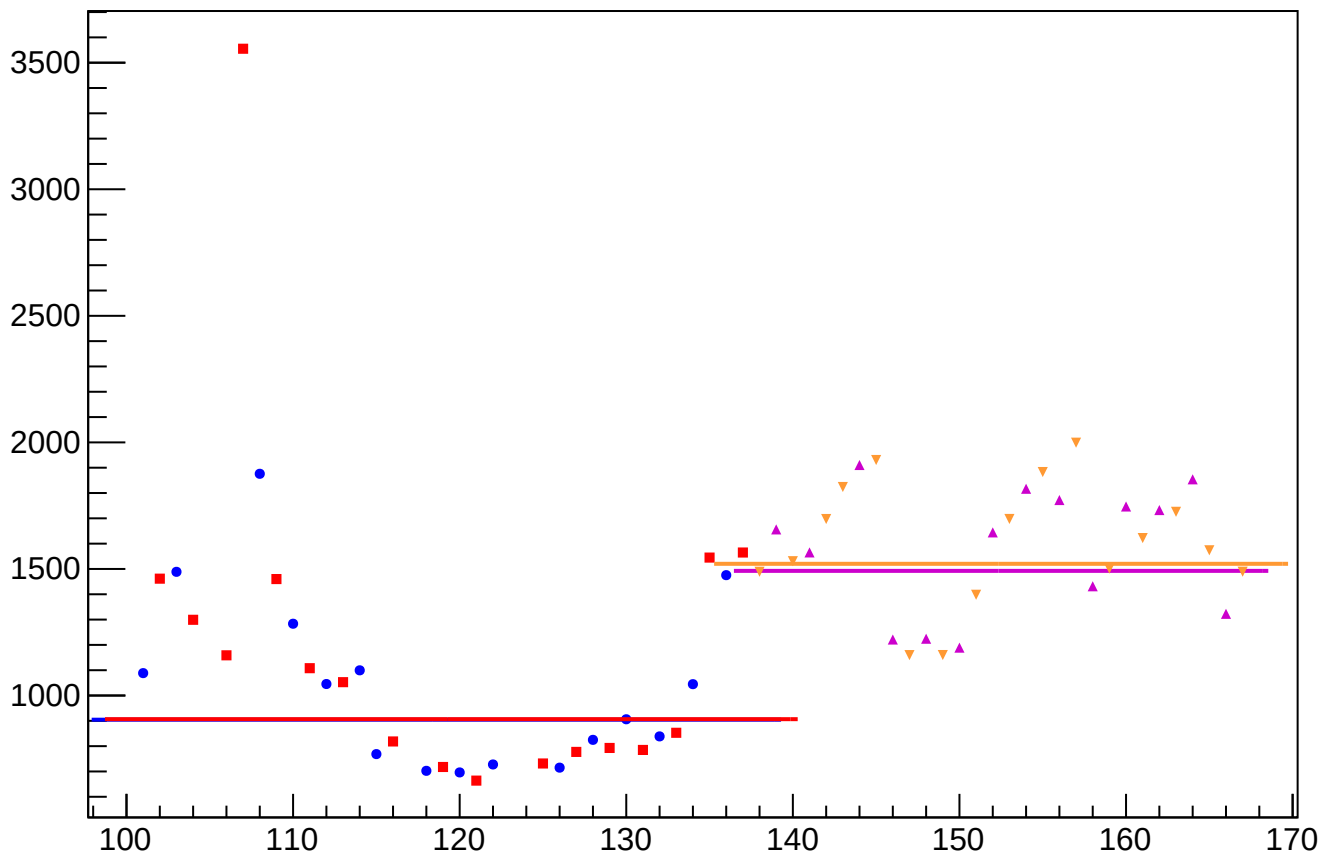
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: 28.043 $\pm$ 285.439 χ^2/NDF :30.8/29

Out: -492.374 $\pm$ 281.870 χ^2/NDF :61.0/32

All: -235.440 $\pm$ 200.562 χ^2/NDF : 93.4/62

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1520.341 $\pm$ 0.315 χ^2 /NDF: 633807.5/15

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

Left In: 1492.423 $\pm$ 0.324 χ^2 /NDF: 605550.3/13

Left: 1506.762 $\pm$ 0.226 χ^2 /NDF: 1243173.4/29

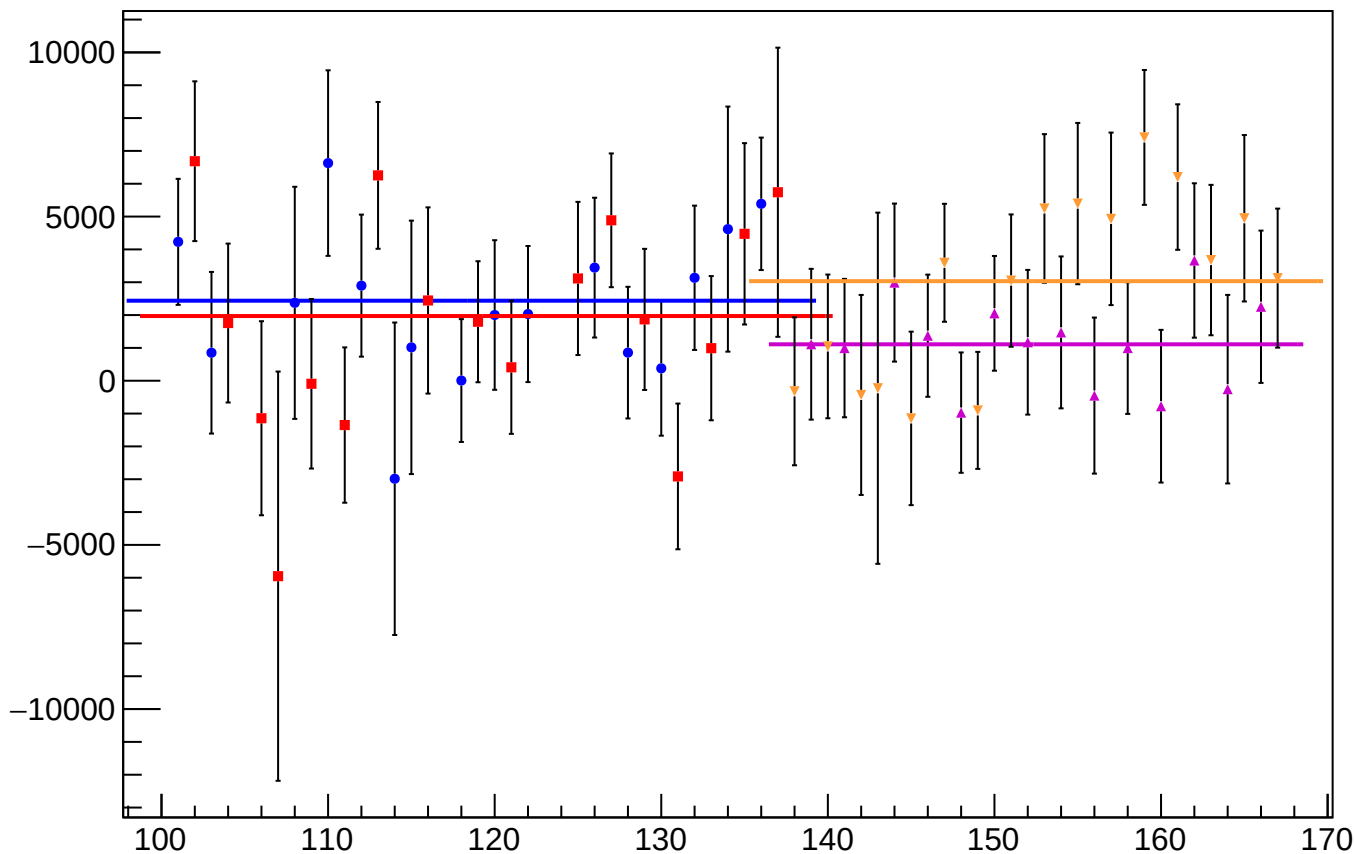
Right: 905.545 $\pm$ 0.182 χ^2 /NDF: 2397204.6/32

In: 1132.766 $\pm$ 0.202 χ^2 /NDF: 3642009.5/29

Out: 1151.990 $\pm$ 0.199 χ^2 /NDF: 4285305.0/32

All: 1142.499 $\pm$ 0.142 χ^2 /NDF: 7931907.5/62

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 3032.889 $\pm$ 569.893 χ^2 /NDF:21.8/15

Right Out: 1970.445 $\pm$ 586.663 χ^2 /NDF: 22.3/16

Left In: 1109.520 $\pm$ 577.996 χ^2 /NDF:5.0/13

Left: 2084.782 $\pm$ 405.810 χ^2 /NDF: 32.4/29

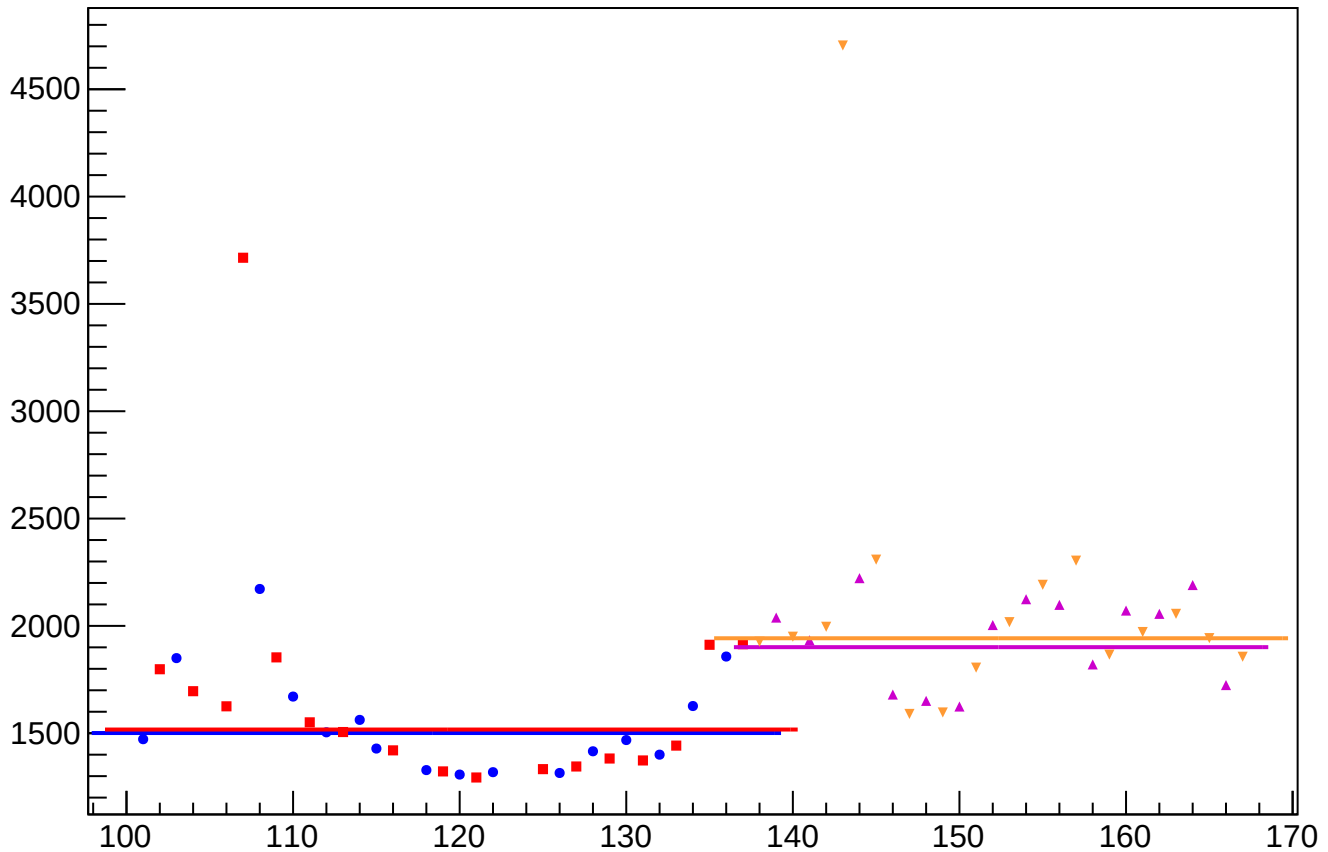
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 1764.123 $\pm$ 411.586 χ^2 /NDF:18.8/29

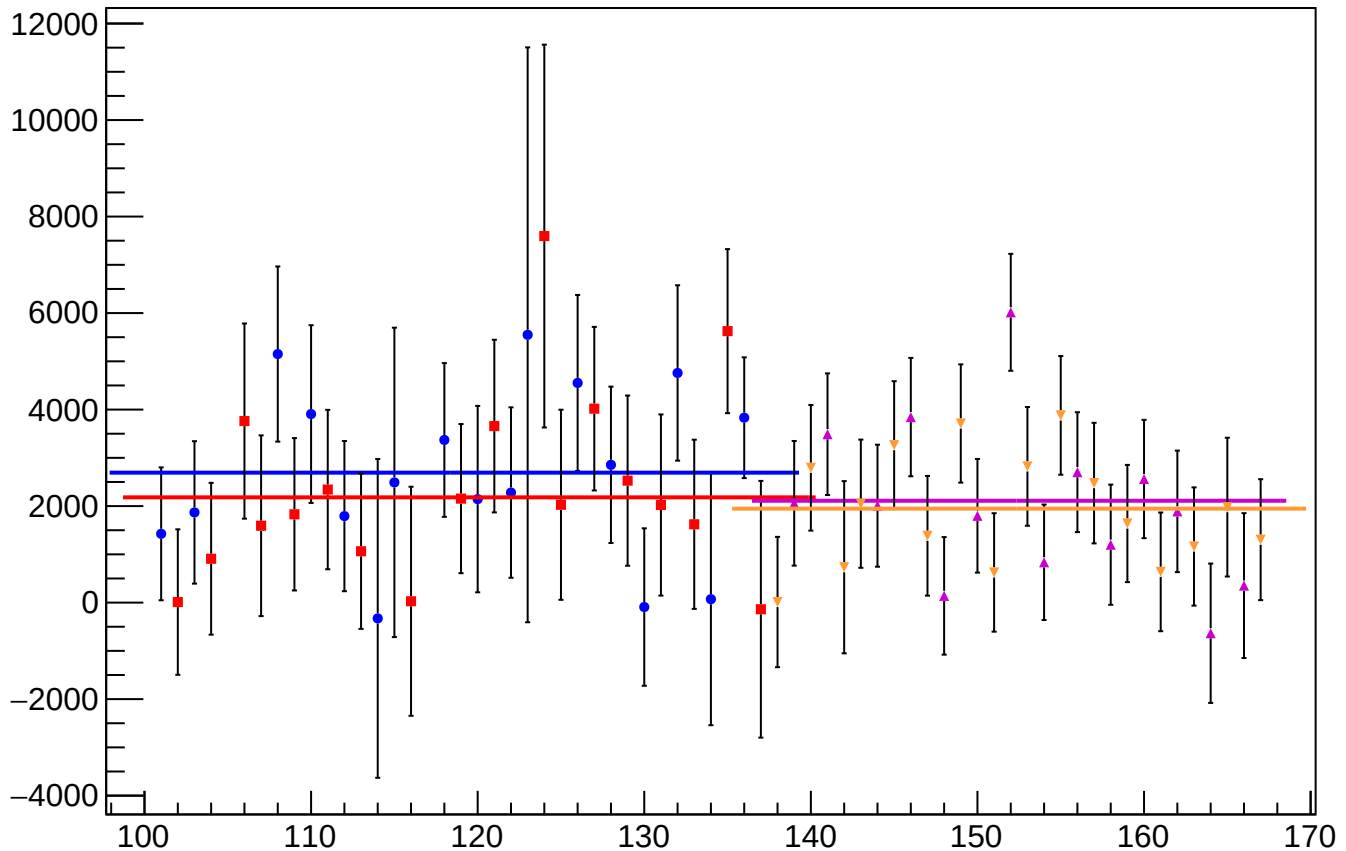
Out: 2517.070 $\pm$ 408.775 χ^2 /NDF:45.8/32

All: 2143.175 $\pm$ 290.036 χ^2 /NDF: 66.3/62

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2110.858 $\pm$ 336.993 χ^2 /NDF:23.3/13

Left: 2025.229 $\pm$ 232.740 χ^2 /NDF: 35.8/29

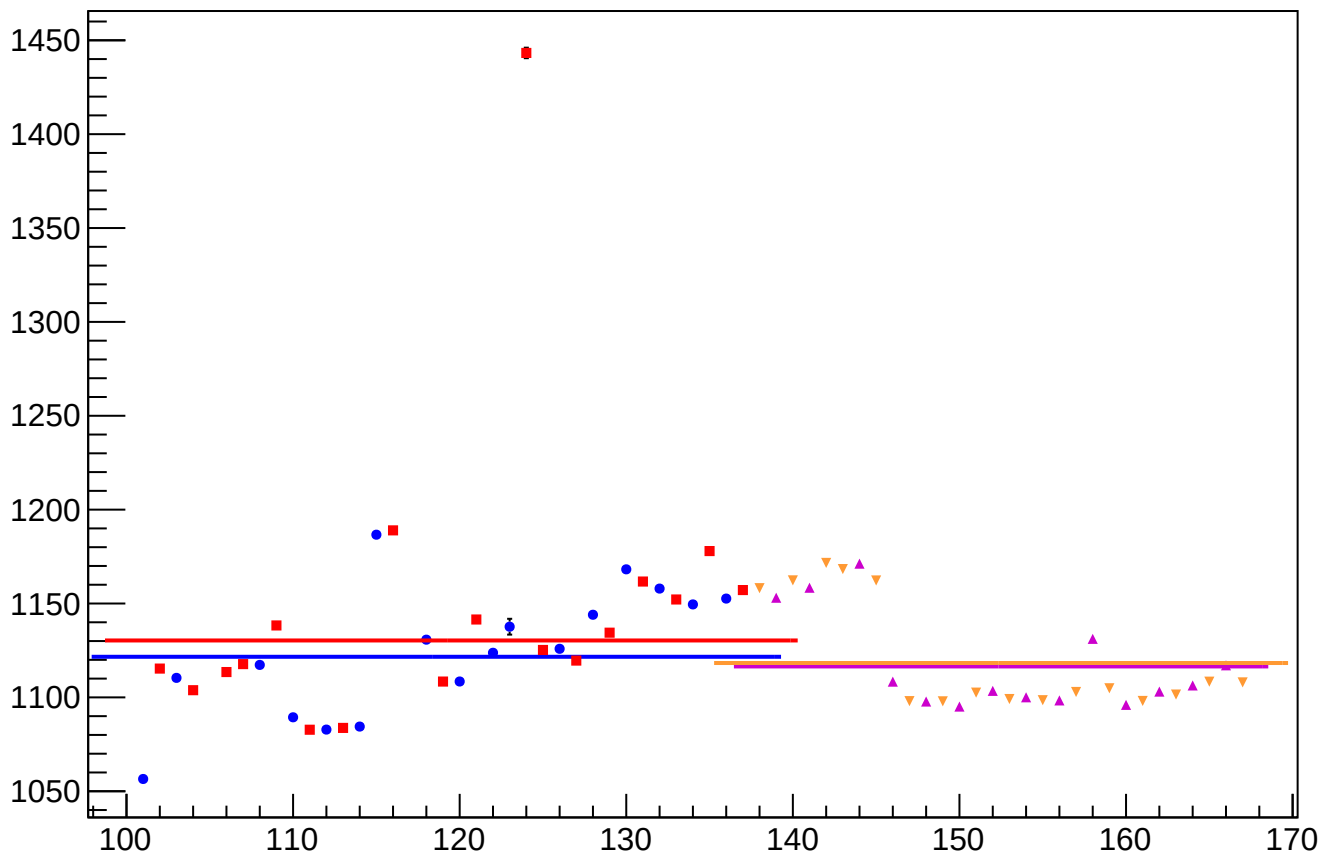
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2330.698 $\pm$ 265.853 χ^2 /NDF:36.7/30

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

All: 2176.222 $\pm$ 184.651 χ^2 /NDF: 63.5/64

dit_asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1116.479 $\pm$ 0.238 χ^2 /NDF: 10979.6/13

Left: 1117.435 $\pm$ 0.165 χ^2 /NDF: 25986.8/29

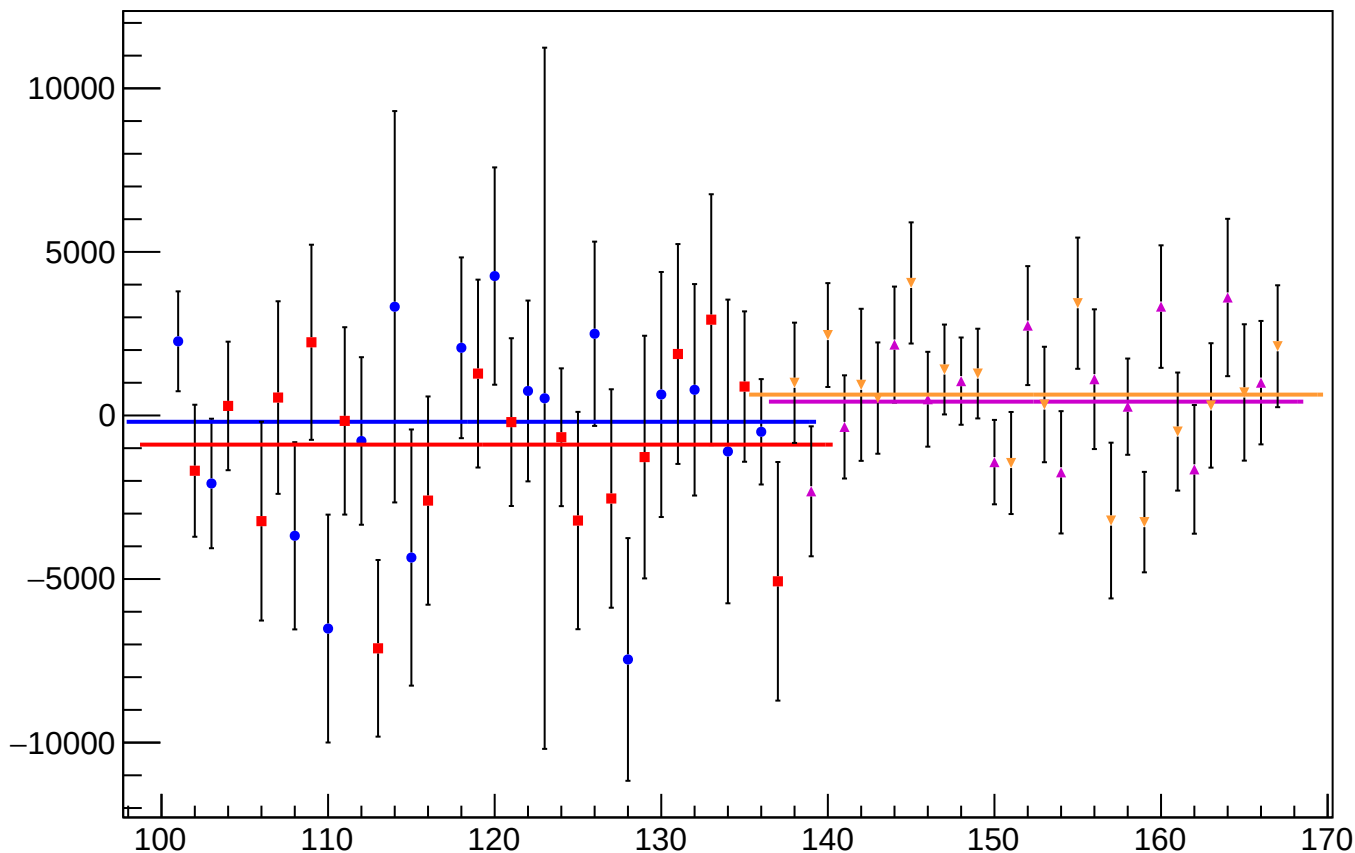
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1118.423 $\pm$ 0.188 χ^2 /NDF: 23136.1/30

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

All: 1120.625 $\pm$ 0.131 χ^2 /NDF: 60667.4/64

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 637.850 $\pm$ 436.054 χ^2 /NDF:19.2/15

Right Out: -891.057 $\pm$ 649.405 χ^2 /NDF: 13.1/17

Left In: 422.383 $\pm$ 452.699 χ^2 /NDF:13.8/13

Left: 534.151 $\pm$ 314.056 χ^2 /NDF: 33.1/29

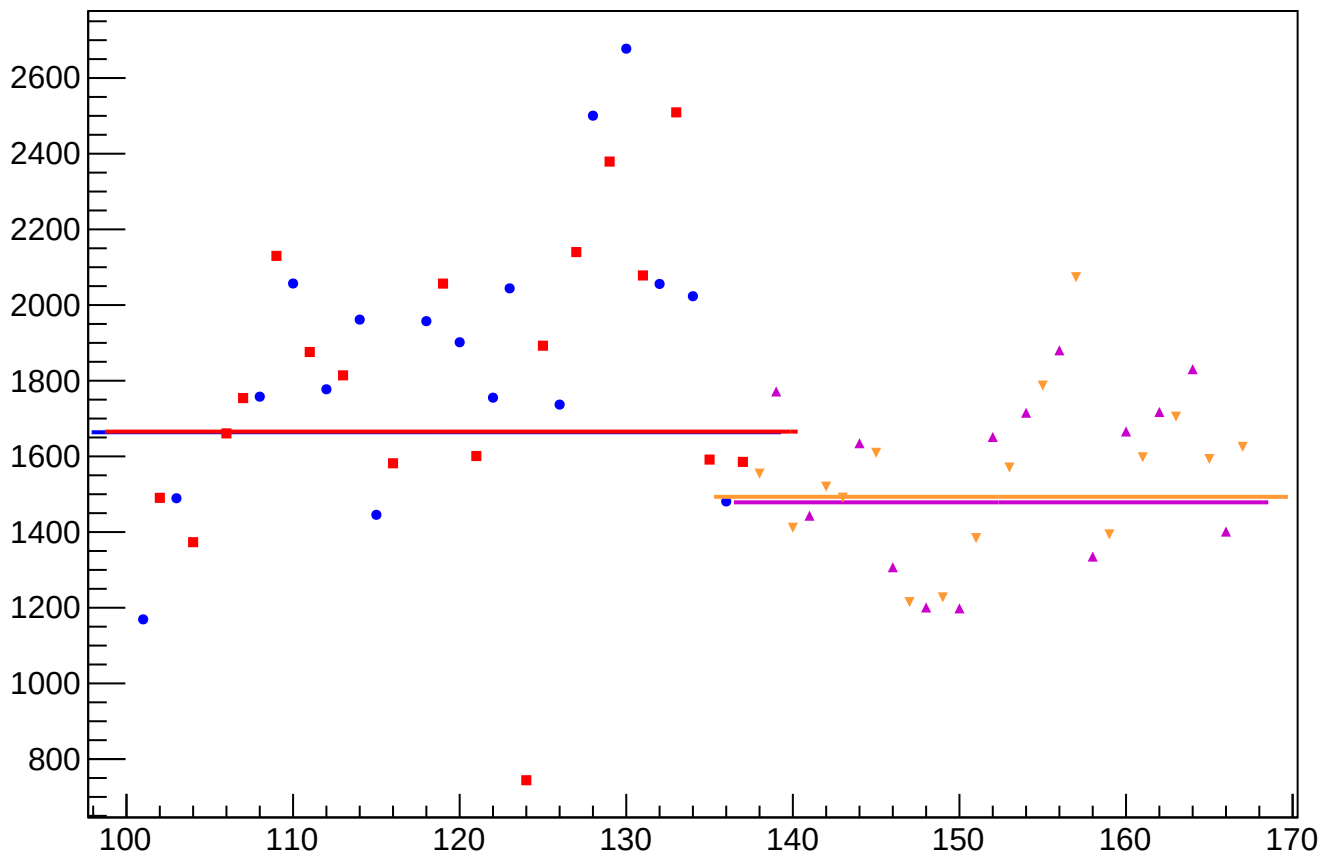
Right: -548.030 $\pm$ 463.023 χ^2 /NDF: 31.0/34

In: 225.534 $\pm$ 373.385 χ^2 /NDF:31.8/30

Out: 162.731 $\pm$ 362.015 χ^2 /NDF:36.1/33

All: 193.162 $\pm$ 259.910 χ^2 /NDF: 67.9/64

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1478.572+/-0.320 χ^2/NDF : 504725.7/13

Left: 1486.131+/-0.222 χ^2/NDF : 908661.1/29

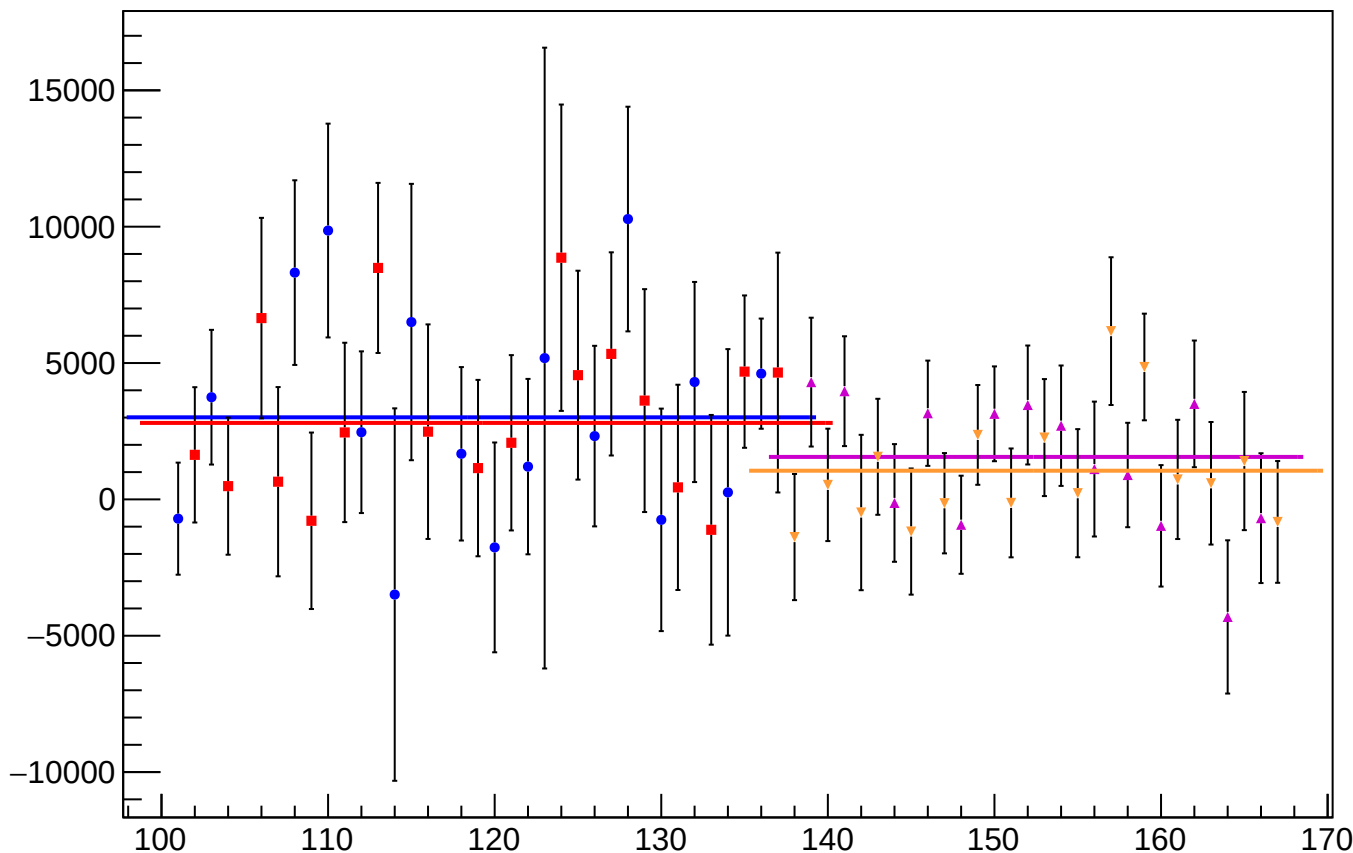
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1537.784+/-0.264 χ^2/NDF : 1234227.2/30

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

All: 1542.377+/-0.184 χ^2/NDF : 2537529.7/64

asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 1557.282+/-568.822 χ^2/NDF : 15.2/13

Left: 1293.901+/-393.765 χ^2/NDF : 28.0/29

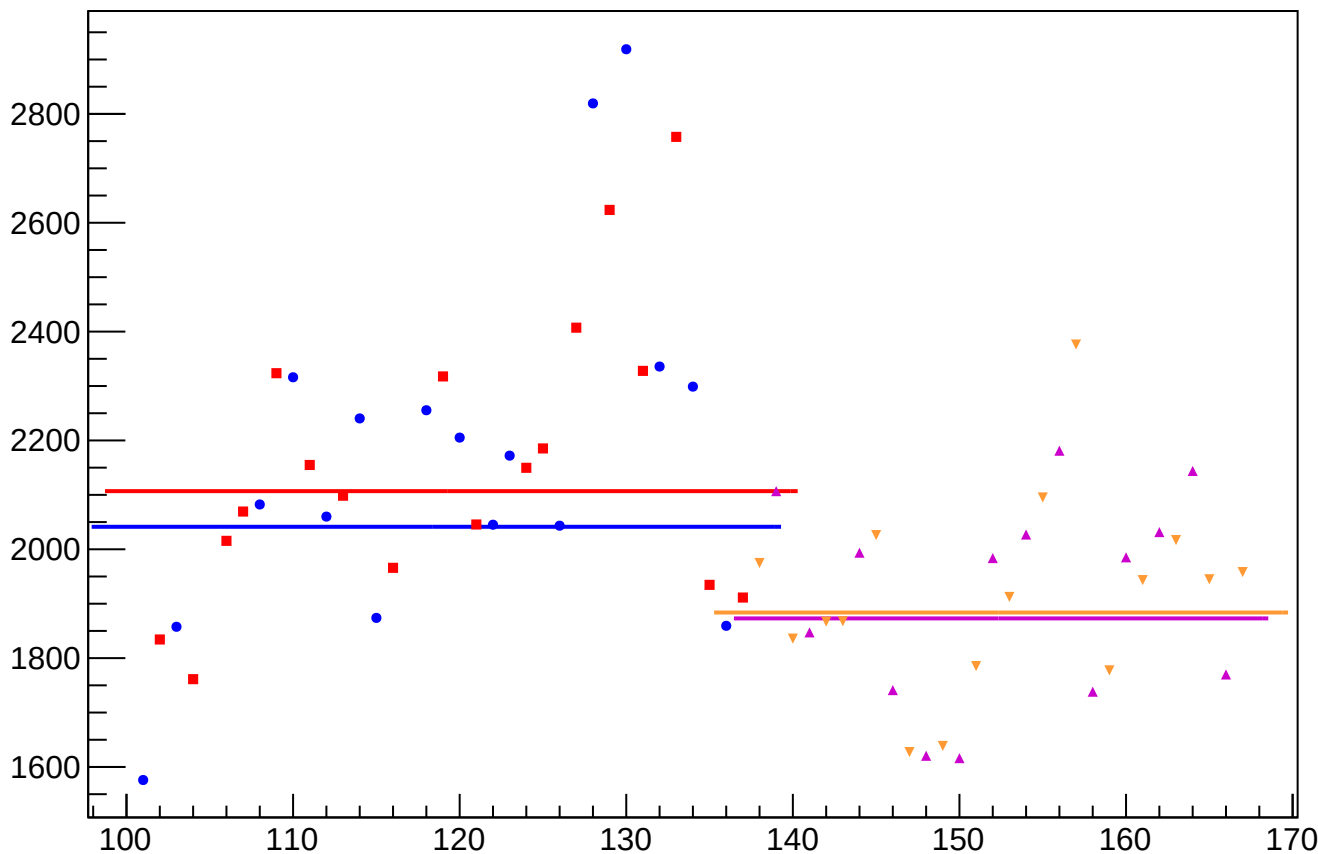
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2045.111+/-463.514 χ^2/NDF : 34.8/30

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

All: 1820.596+/-323.128 χ^2/NDF : 62.1/64

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: 2106.845+/-0.565 χ^2/NDF : 196720.6/17

Left In: 1872.986+/-0.402 χ^2/NDF : 211085.7/13

Left: 1878.628+/-0.278 χ^2/NDF : 403486.0/29

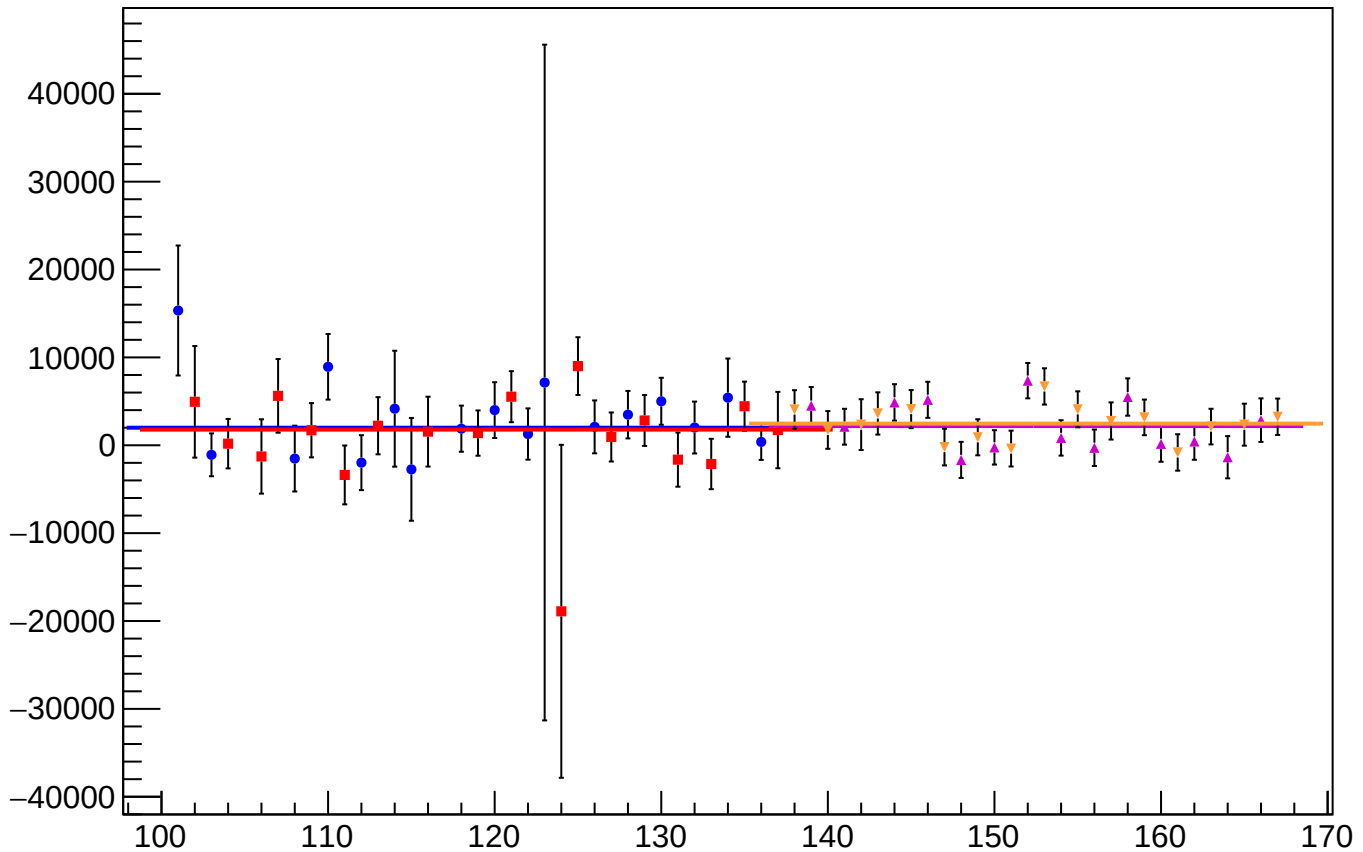
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1929.554+/-0.328 χ^2/NDF : 608393.1/30

Out: 1954.678+/-0.319 χ^2/NDF : 494905.5/33

All: 1942.468+/-0.228 χ^2/NDF : 1106319.0/64

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: 1781.823+/-781.836 χ^2/NDF : 16.3/17

Left In: 2186.185+/-560.181 χ^2/NDF :24.9/13

Left: 2329.567+/-387.792 χ^2/NDF : 38.3/29

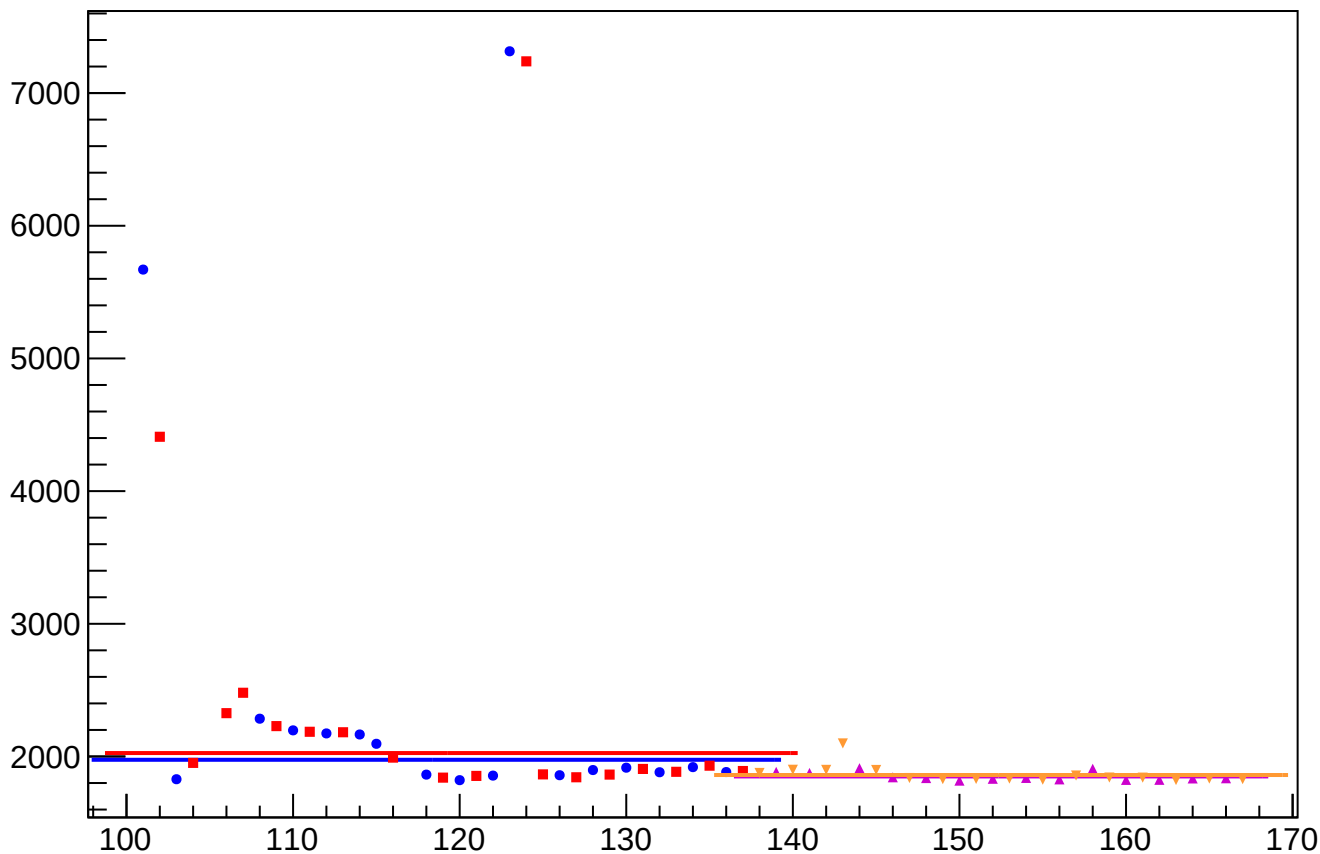
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2122.969+/-455.318 χ^2/NDF :39.7/30

Out: 2243.439+/-442.853 χ^2/NDF :30.1/33

All: 2184.875+/-317.459 χ^2/NDF : 69.8/64

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1849.488+/-0.396 χ^2/NDF : 5935.6/13

Left: 1855.151+/-0.274 χ^2/NDF : 31542.9/29

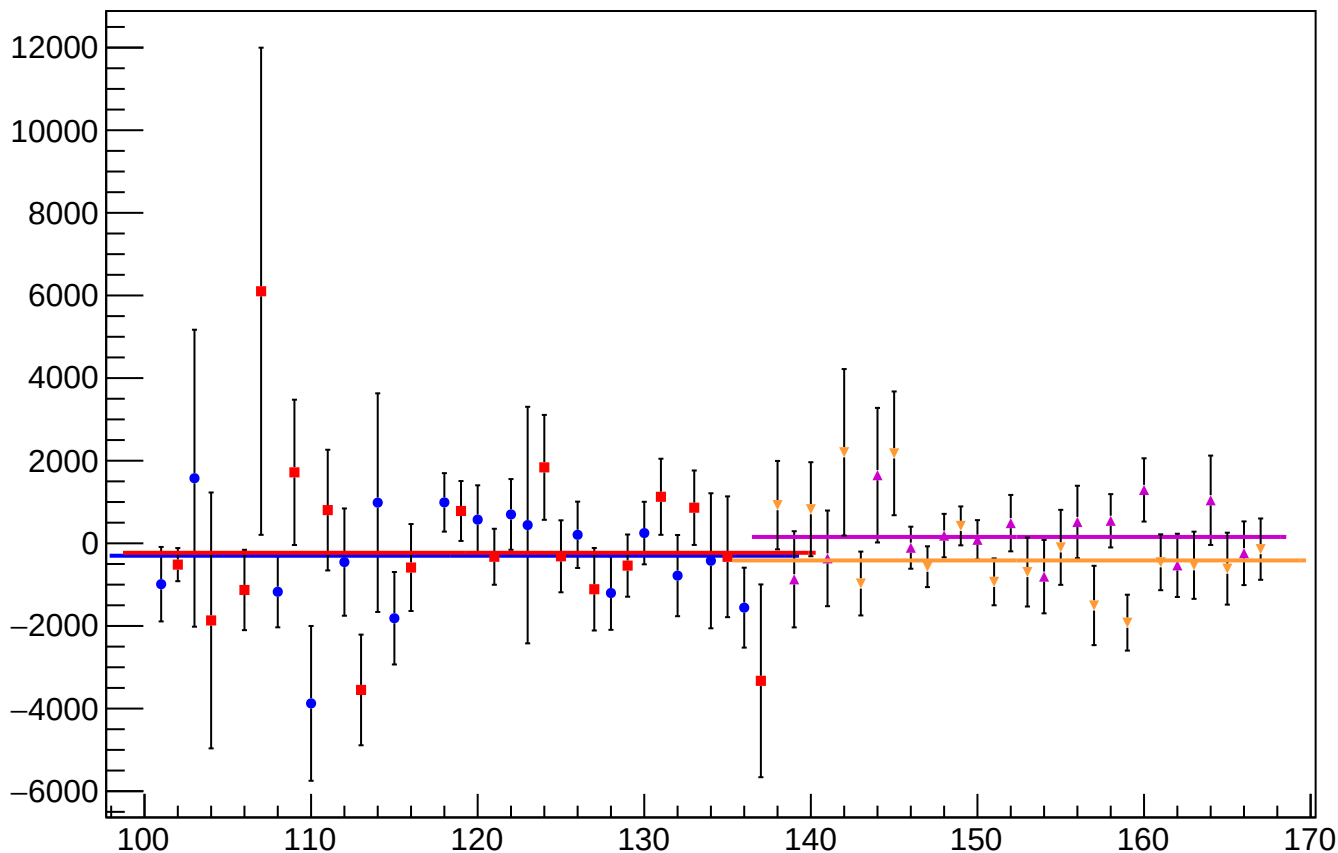
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1892.118+/-0.322 χ^2/NDF : 639897.6/30

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

All: 1903.087+/-0.224 χ^2/NDF : 1263628.9/64

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -414.039 ± 187.387 $\chi^2/\text{NDF}: 18.7/15$

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

Left In: 154.460 ± 193.150 $\chi^2/\text{NDF}: 8.0/13$

Left: -138.397 ± 134.494 $\chi^2/\text{NDF}: 31.2/29$

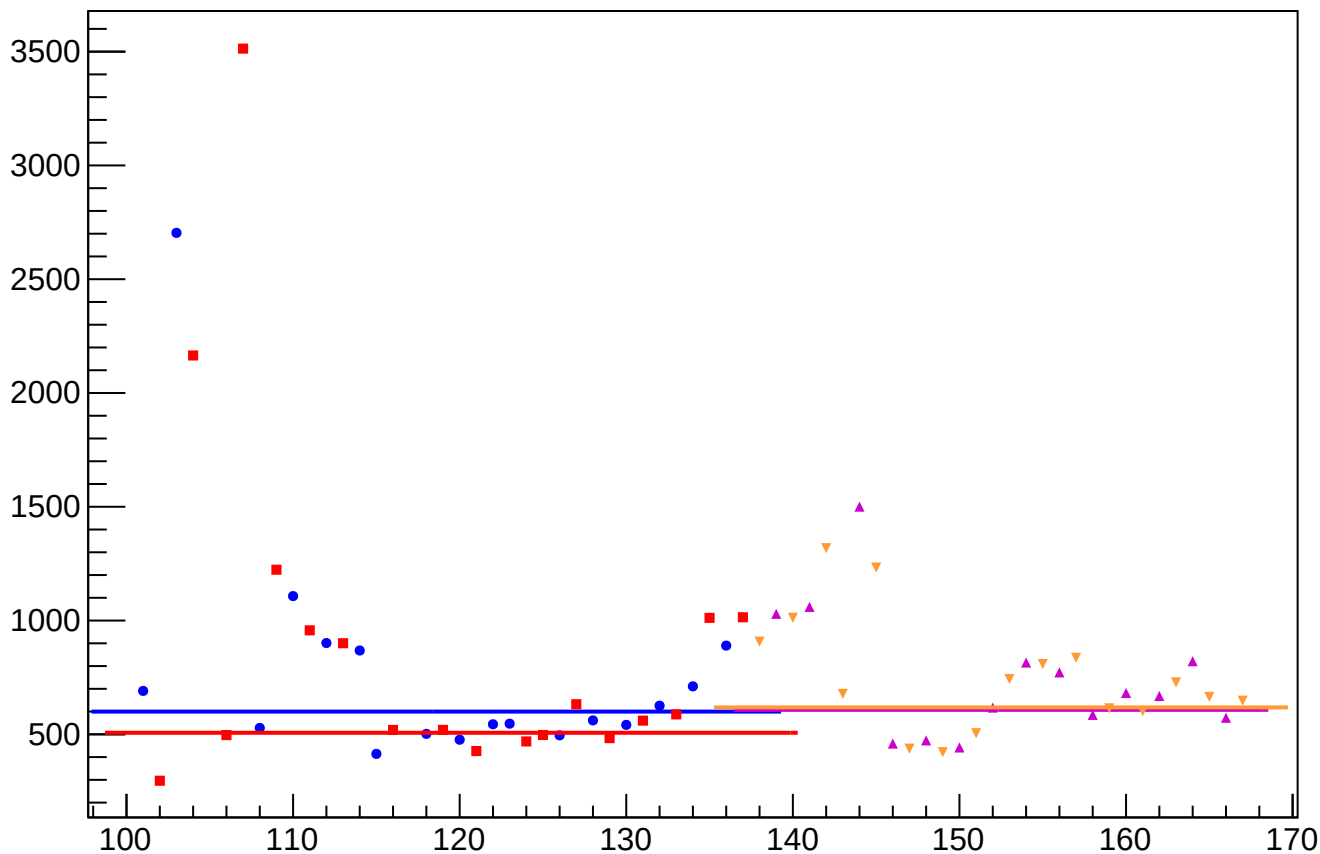
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -18.319 ± 152.062 $\chi^2/\text{NDF}: 27.5/30$

Out: -334.332 ± 141.440 $\chi^2/\text{NDF}: 40.9/33$

All: -187.748 ± 103.565 $\chi^2/\text{NDF}: 70.7/64$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 607.638 $\pm$ 0.137 χ^2/NDF :2006710.6/13

Left: 613.149 $\pm$ 0.095 χ^2/NDF : 3965221.0/29

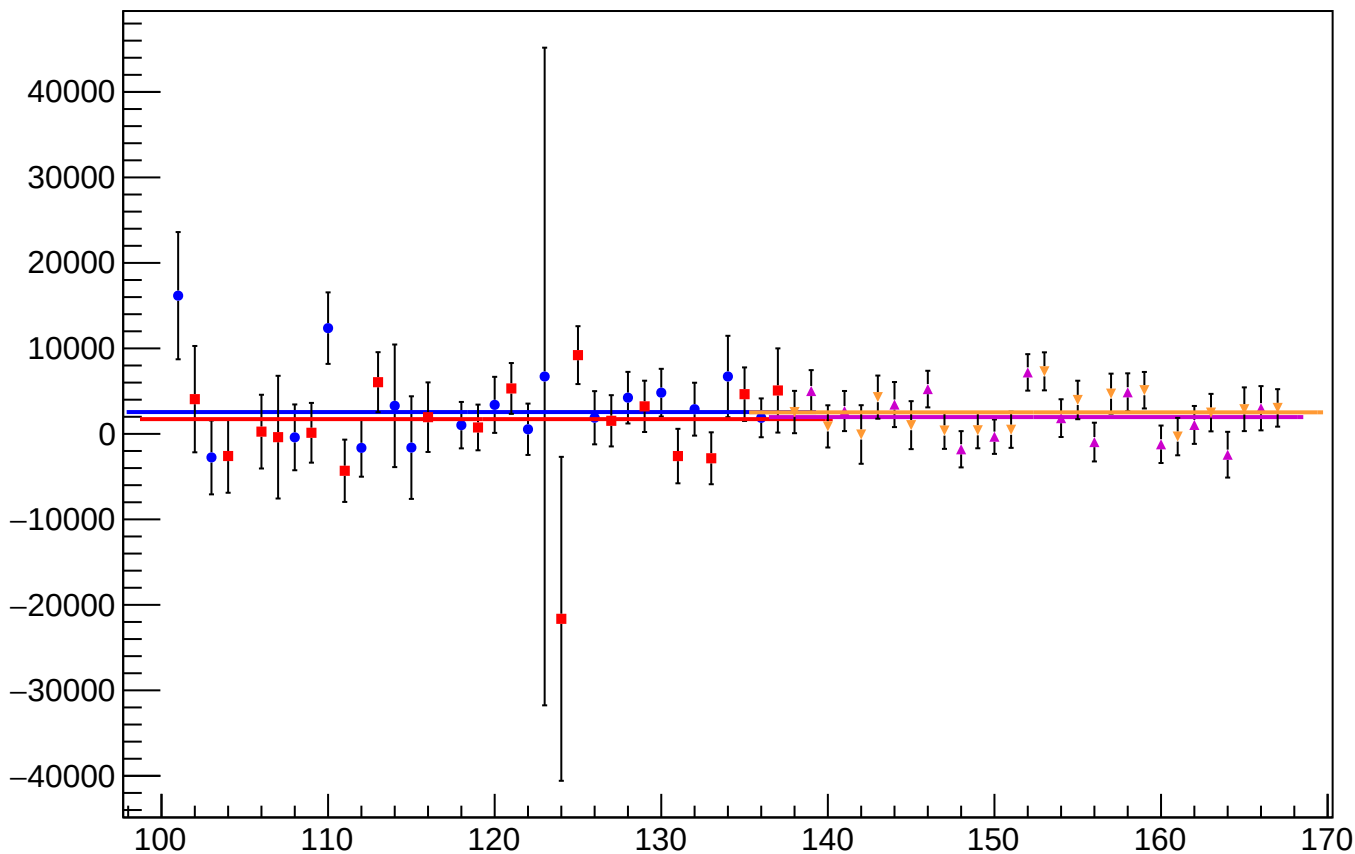
Right: 547.202 $\pm$ 0.115 χ^2/NDF : 4303374.7/34

In: 604.716 $\pm$ 0.108 χ^2/NDF :3388963.6/30

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

All: 586.306 $\pm$ 0.073 χ^2/NDF : 8464328.3/64

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1964.244 $\pm$ 608.259 χ^2 /NDF:23.3/13

Left: 2253.961 $\pm$ 420.901 χ^2 /NDF: 37.6/29

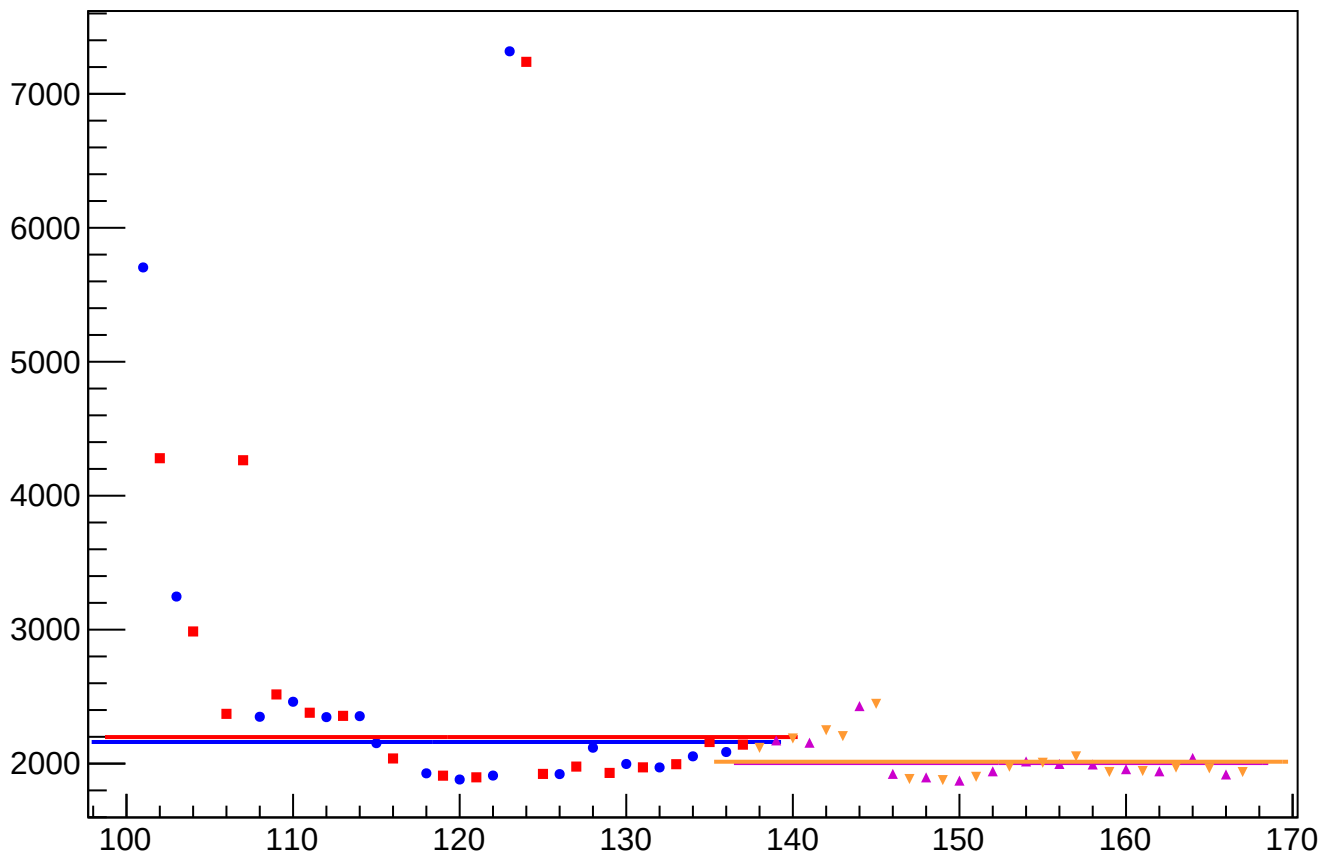
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2161.092 $\pm$ 496.391 χ^2 /NDF:39.3/30

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

All: 2216.398 $\pm$ 345.699 χ^2 /NDF: 73.3/64

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 ± 0.607 $\chi^2/\text{NDF}: 711253.3/16$

Left Out: 2014.058 ± 0.412 $\chi^2/\text{NDF}: 112853.2/15$

Right Out: 2198.187 ± 0.605 $\chi^2/\text{NDF}: 733873.5/17$

Left In: 2004.051 ± 0.430 $\chi^2/\text{NDF}: 93131.7/13$

Left: 2009.266 ± 0.298 $\chi^2/\text{NDF}: 206267.1/29$

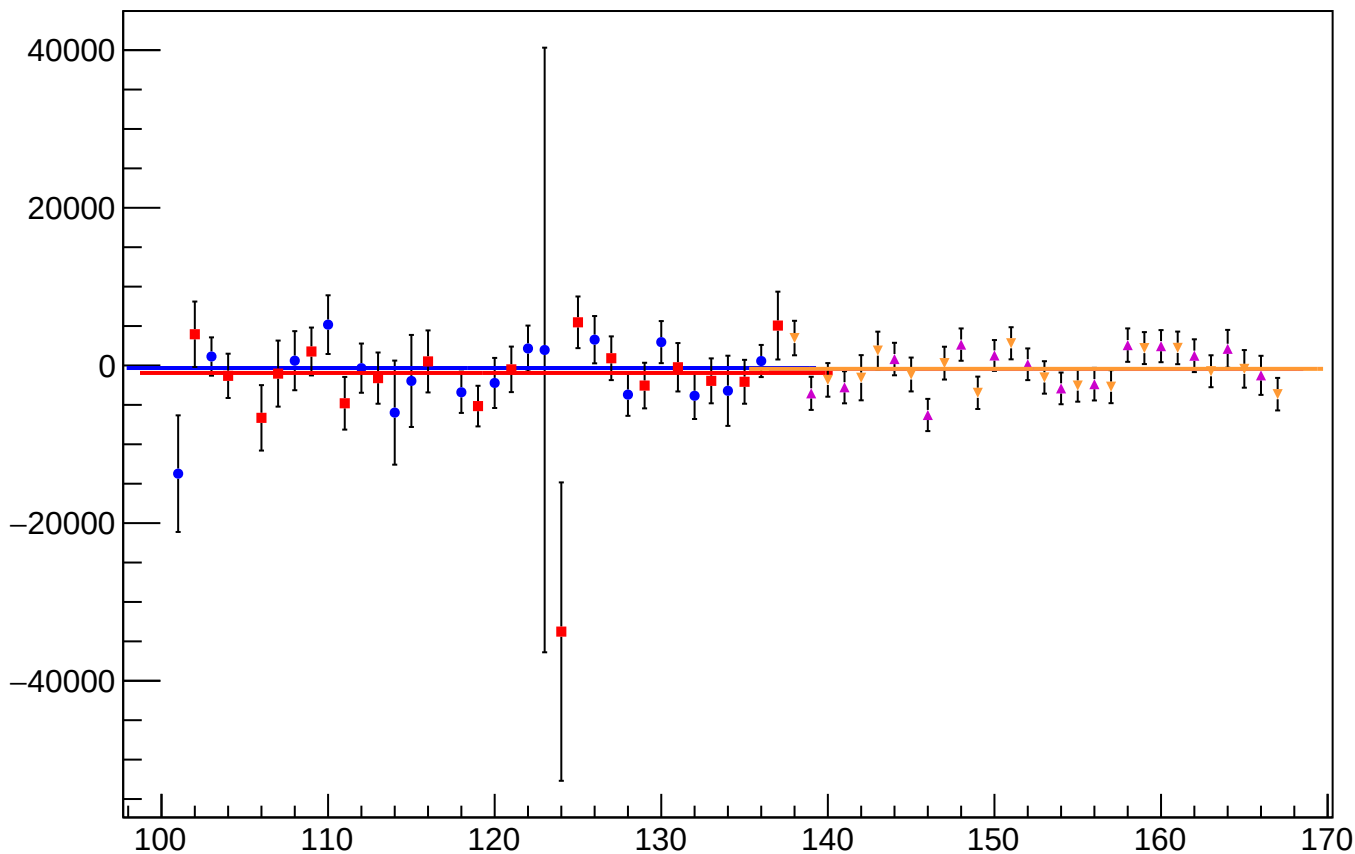
Right: 2179.883 ± 0.429 $\chi^2/\text{NDF}: 1446967.4/34$

In: 2056.613 ± 0.351 $\chi^2/\text{NDF}: 849098.7/30$

Out: 2072.486 ± 0.341 $\chi^2/\text{NDF}: 910025.8/33$

All: 2064.787 ± 0.244 $\chi^2/\text{NDF}: 1760177.8/64$

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: -951.303 $\pm$ 770.284 χ^2 /NDF: 18.2/17

Left In: -451.004 $\pm$ 558.867 χ^2 /NDF:23.5/13

Left: -440.459 $\pm$ 386.737 χ^2 /NDF: 41.4/29

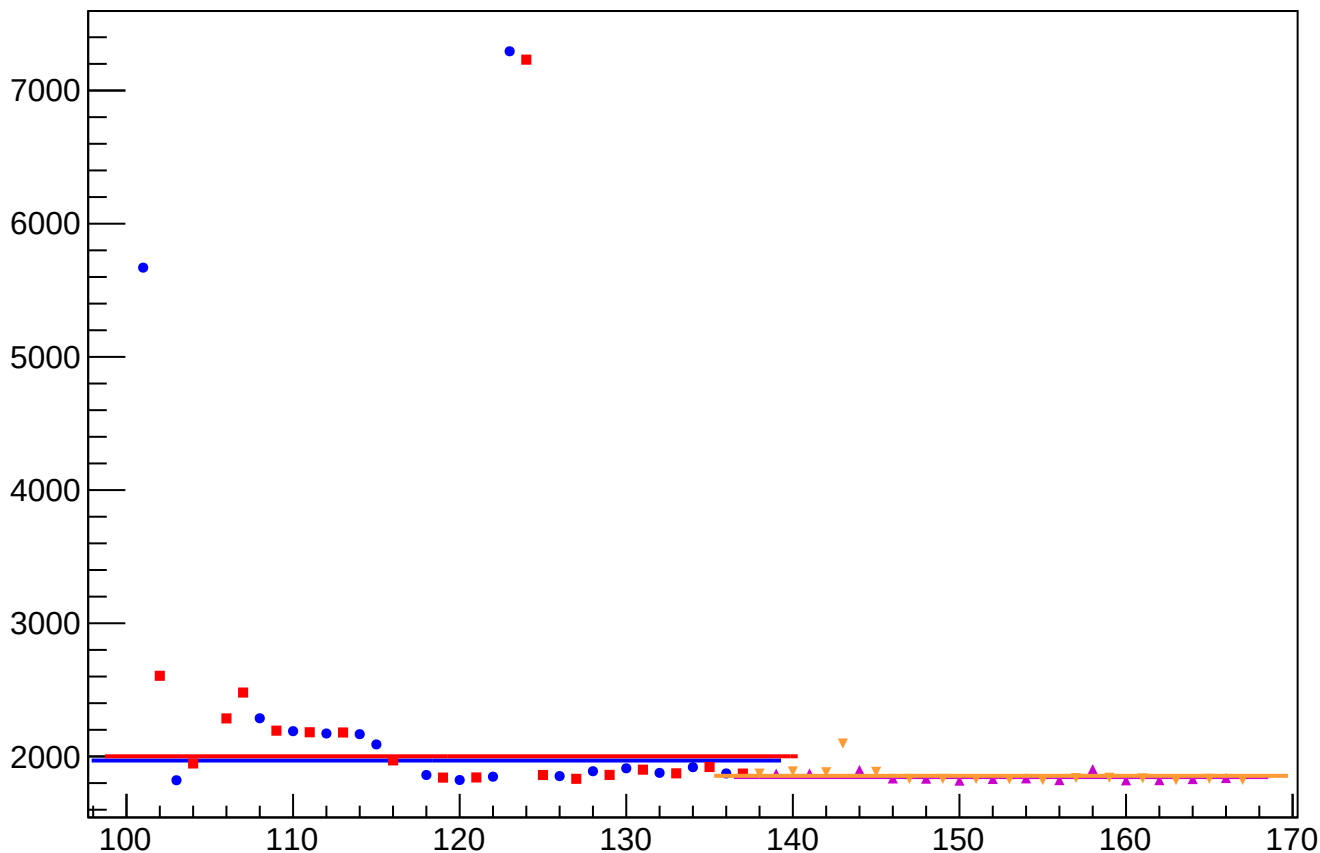
Right: -641.256 $\pm$ 547.905 χ^2 /NDF: 34.3/34

In: -407.797 $\pm$ 454.196 χ^2 /NDF:39.2/30

Out: -600.469 $\pm$ 439.812 χ^2 /NDF:36.5/33

All: -507.232 $\pm$ 315.957 χ^2 /NDF: 75.8/64

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1845.214+/-0.395 χ^2/NDF : 5142.2/13

Left: 1850.178+/-0.273 χ^2/NDF : 30143.8/29

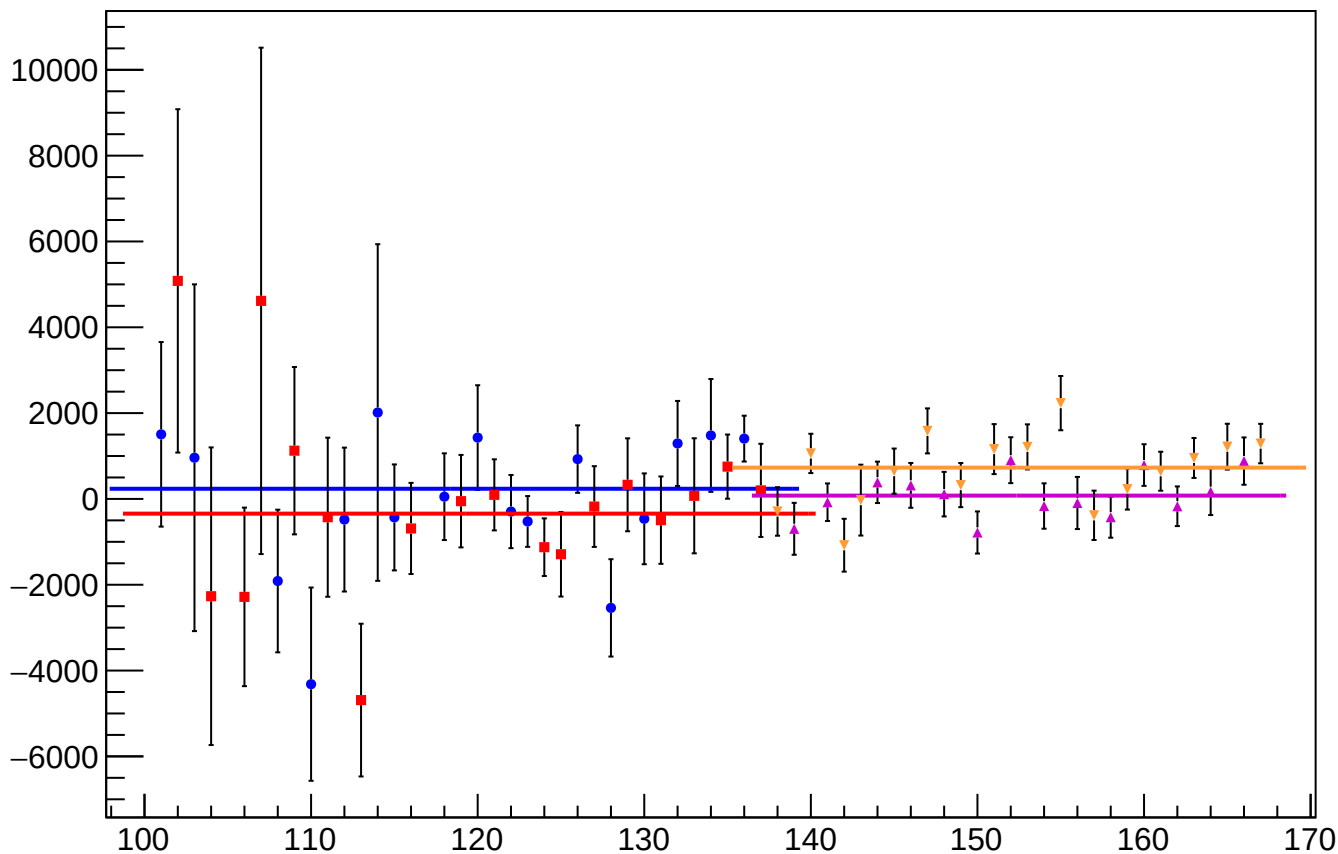
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1887.408+/-0.321 χ^2/NDF : 641531.0/30

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

All: 1895.187+/-0.223 χ^2/NDF : 1006708.8/64

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 77.347 $\pm$ 136.707 χ^2/NDF : 13.8/13

Left: 414.223 $\pm$ 95.037 χ^2/NDF : 56.6/29

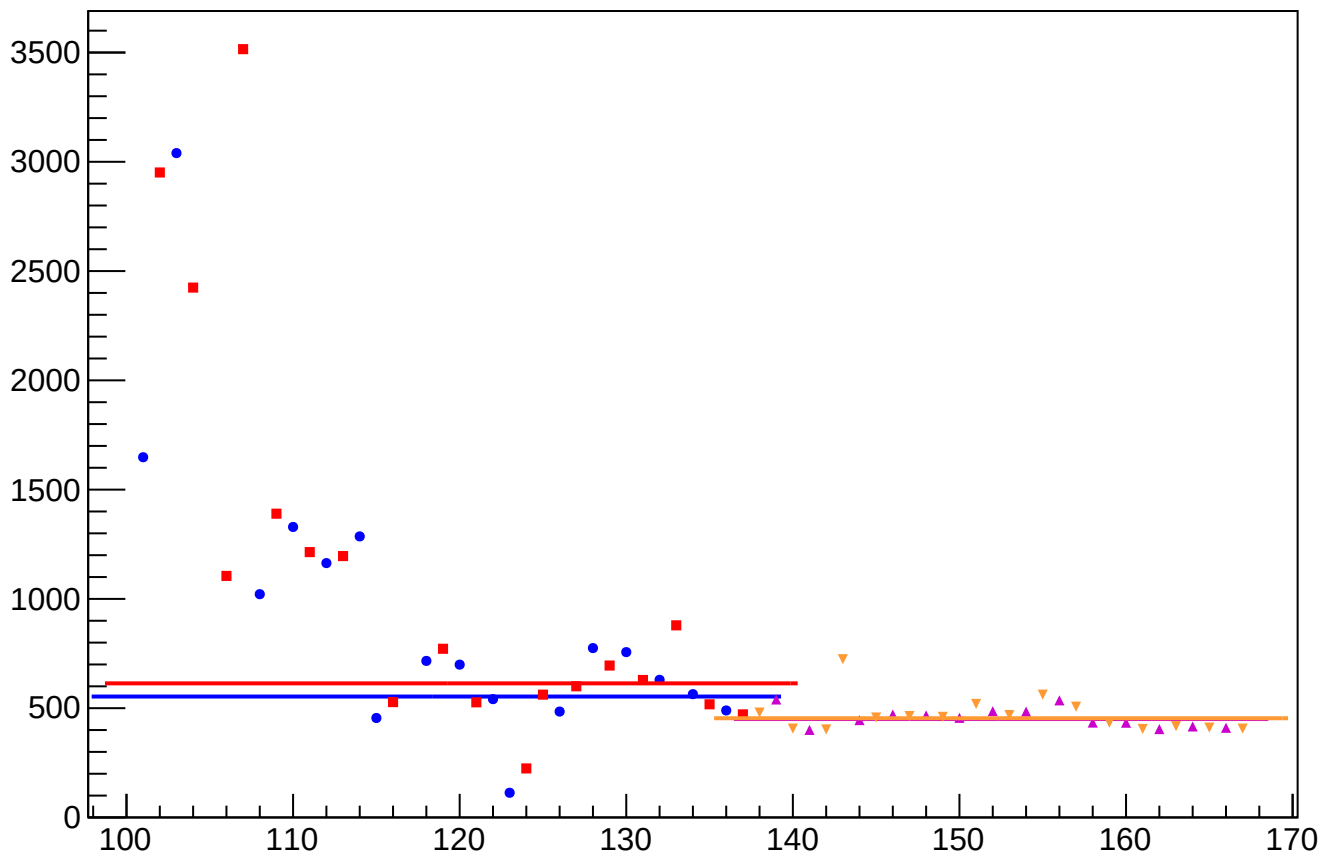
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 114.384 $\pm$ 119.790 χ^2/NDF : 38.0/30

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

All: 319.281 $\pm$ 84.287 χ^2/NDF : 103.6/64

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 453.898+/-0.093 χ^2/NDF : 429820.7/15

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

Left In: 450.320+/-0.097 χ^2/NDF : 174661.9/13

Left: 452.169+/-0.067 χ^2/NDF : 605190.7/29

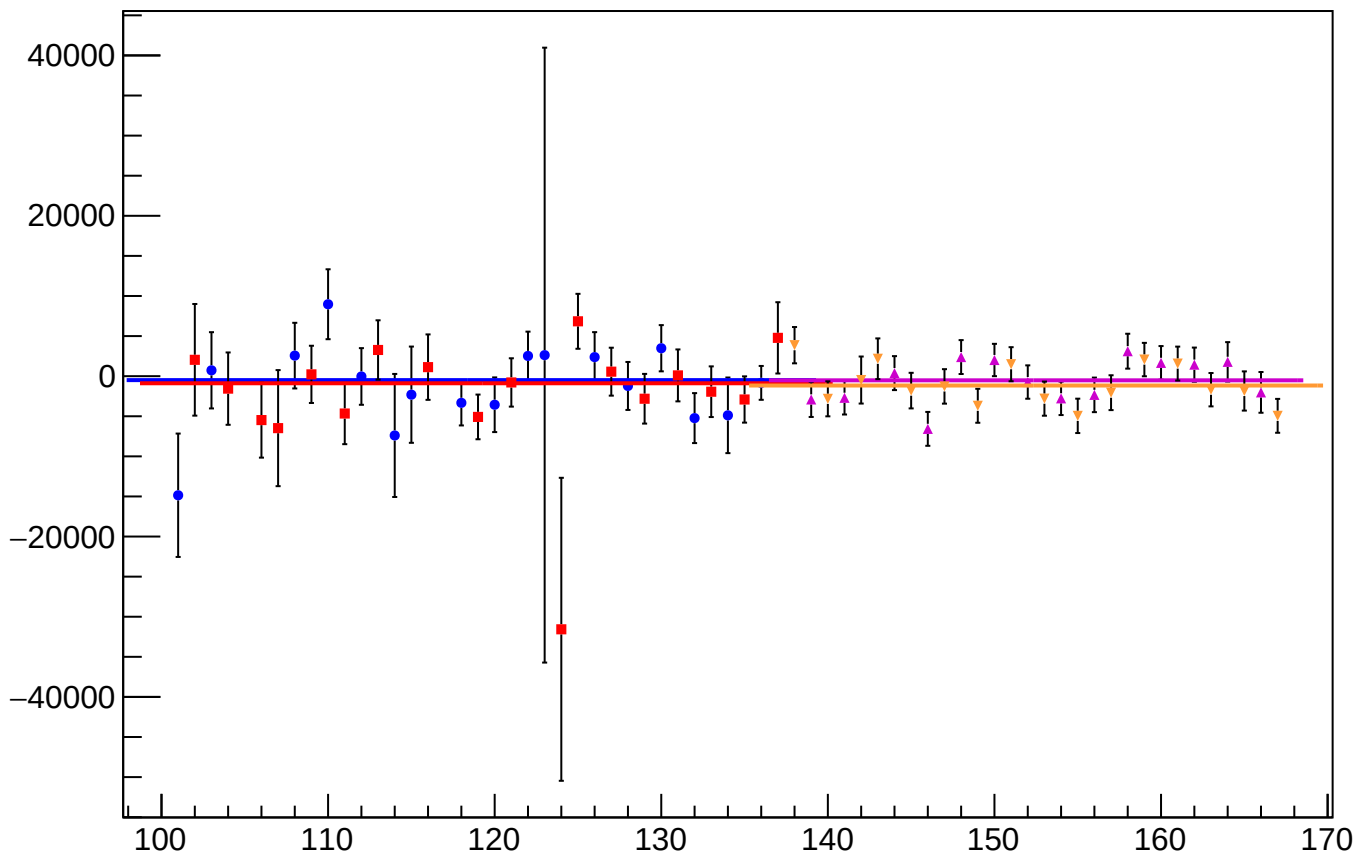
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 474.225+/-0.085 χ^2/NDF : 3850805.9/30

Out: 485.044+/-0.084 χ^2/NDF : 4475236.8/33

All: 479.688+/-0.060 χ^2/NDF : 8334279.6/64

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: -884.654 ± 869.140 χ^2/NDF : 17.3/17

Left In: -516.518 ± 576.117 χ^2/NDF : 22.0/13

Left: -853.789 ± 399.042 χ^2/NDF : 44.3/29

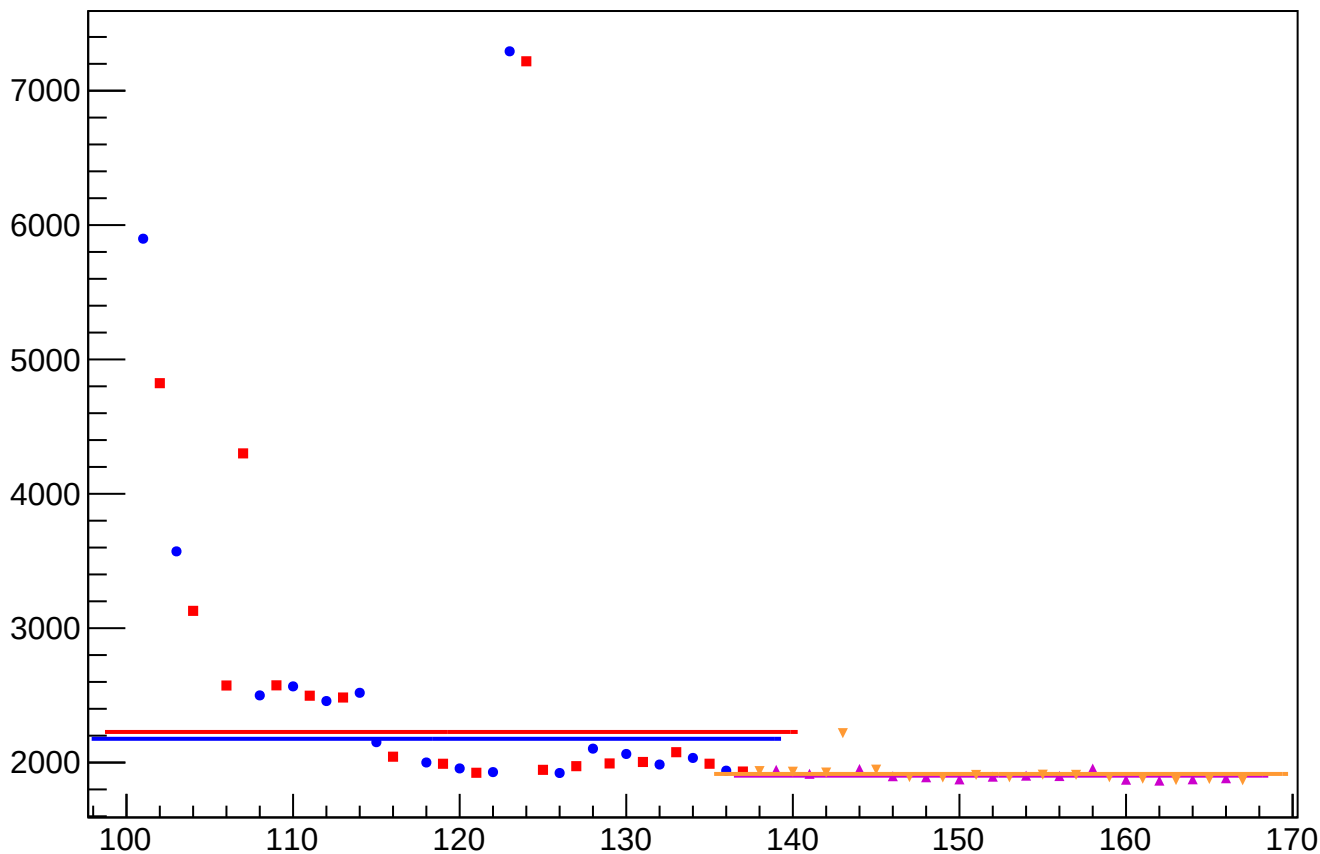
Right: -688.036 ± 614.167 χ^2/NDF : 35.9/34

In: -509.002 ± 480.006 χ^2/NDF : 40.5/30

Out: -1084.025 ± 466.710 χ^2/NDF : 39.0/33

All: -804.587 ± 334.616 χ^2/NDF : 80.3/64

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1902.362+/-0.407 χ^2/NDF : 4985.8/13

Left: 1909.068+/-0.282 χ^2/NDF : 38929.5/29

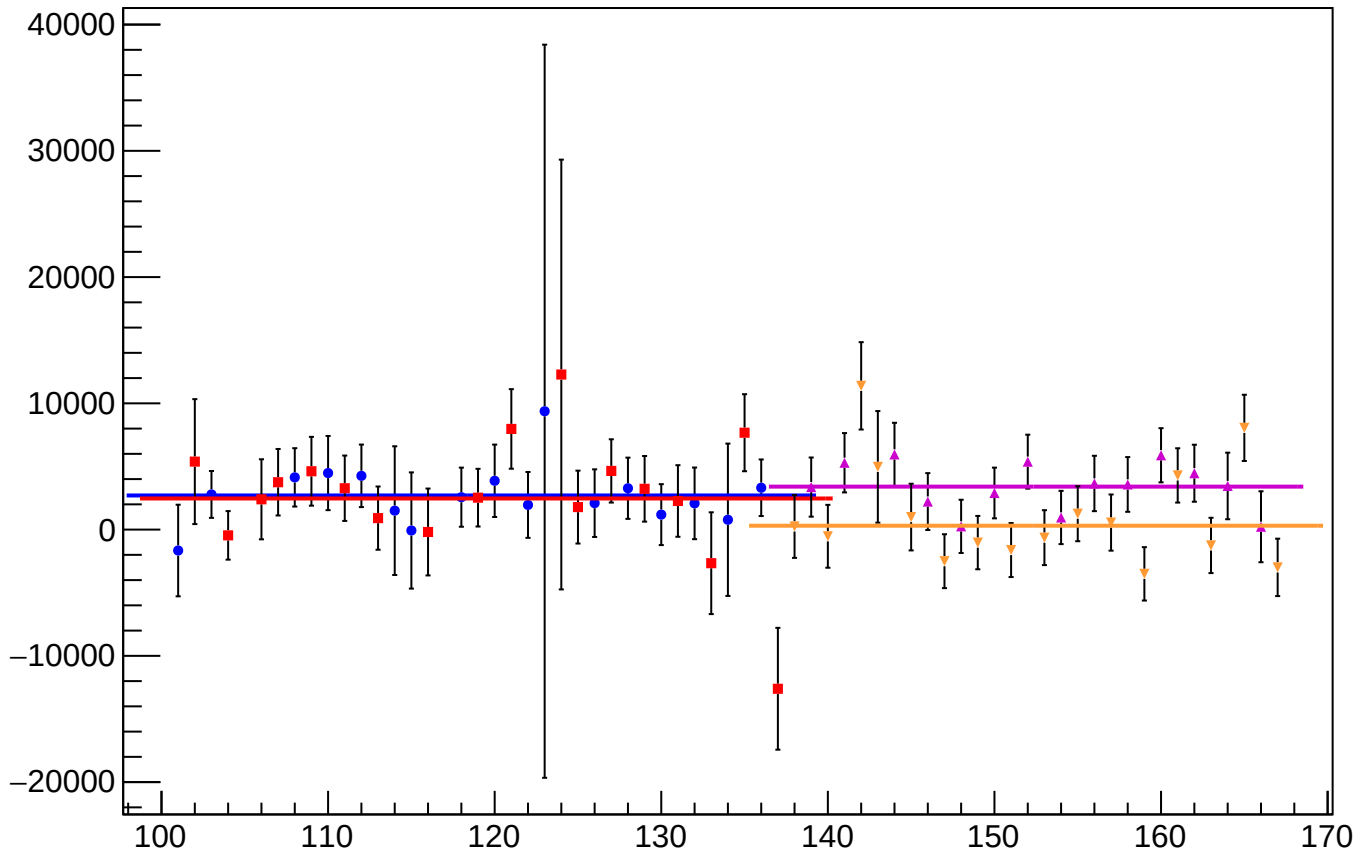
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 1986.274+/-0.339 χ^2/NDF : 946400.6/30

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

All: 1996.076+/-0.237 χ^2/NDF : 1991038.6/64

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3404.077 $\pm$ 603.971 χ^2/NDF : 9.3/13

Left: 1819.312 $\pm$ 421.977 χ^2/NDF : 55.7/29

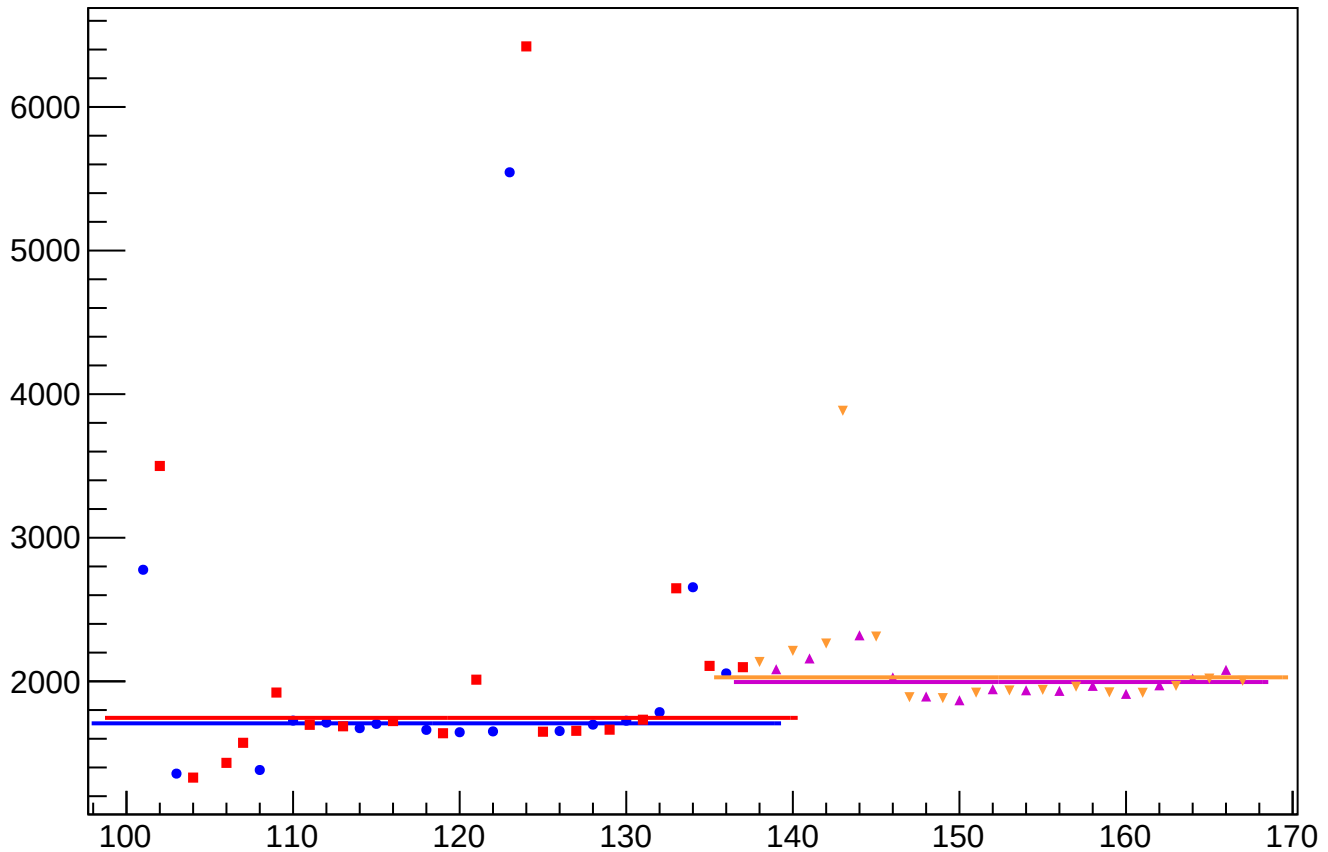
Right: 2585.697 $\pm$ 479.799 χ^2/NDF : 27.3/34

In: 3092.014 $\pm$ 449.769 χ^2/NDF : 14.0/30

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

All: 2153.565 $\pm$ 316.865 χ^2/NDF : 84.4/64

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2027.797 ± 0.417 χ^2/NDF : 442734.7/15

Right Out: 1745.551 ± 0.483 χ^2/NDF : 699240.7/17

Left In: 1994.997 ± 0.427 χ^2/NDF : 68963.1/13

Left: 2011.786 ± 0.298 χ^2/NDF : 514717.0/29

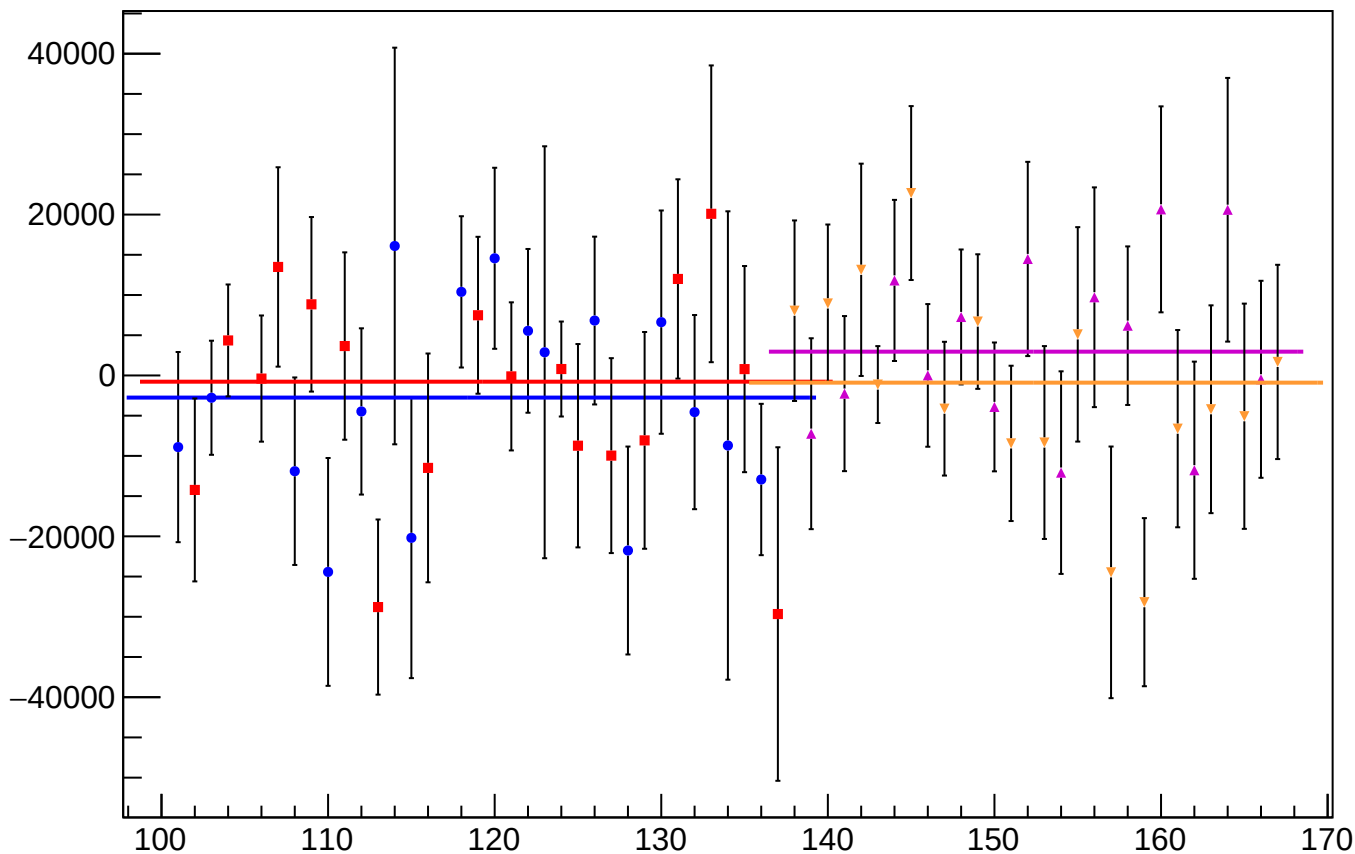
Right: 1726.210 ± 0.339 χ^2/NDF : 1124571.0/34

In: 1866.883 ± 0.318 χ^2/NDF : 693151.5/30

Out: 1907.246 ± 0.316 χ^2/NDF : 1337589.7/33

All: 1887.215 ± 0.224 χ^2/NDF : 2038854.9/64

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 2957.203 $\pm$ 2873.127 χ^2 /NDF:10.0/13

Left: 728.504 $\pm$ 1865.174 χ^2 /NDF: 30.2/29

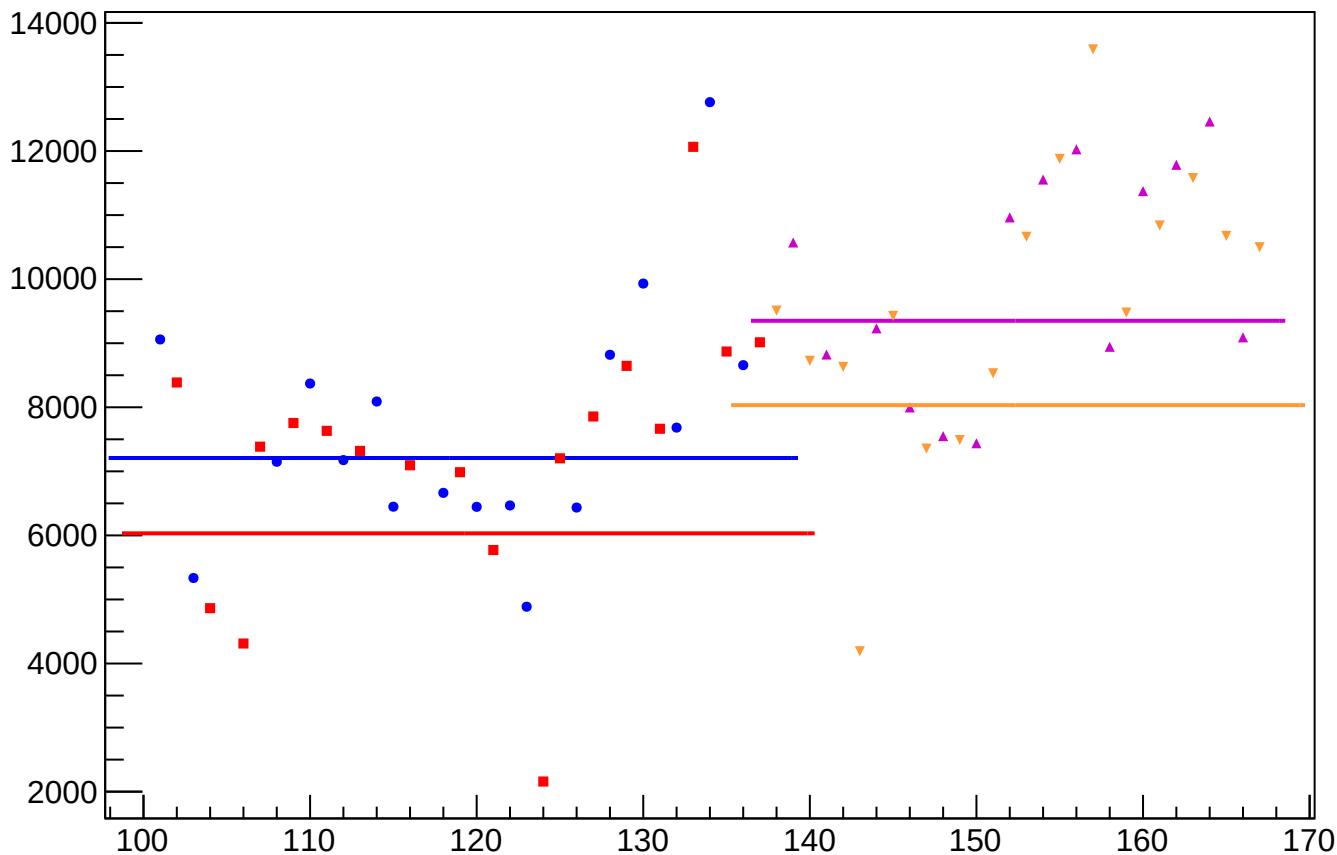
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: 72.553 $\pm$ 2020.656 χ^2 /NDF:26.5/30

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

All: -450.950 $\pm$ 1314.106 χ^2 /NDF: 63.6/64

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8033.010+/-1.734 χ^2/NDF : 2363887.7/15

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

Left In: 9350.073+/-2.032 χ^2/NDF : 645144.4/13

Left: 8588.065+/-1.319 χ^2/NDF : 3252189.0/29

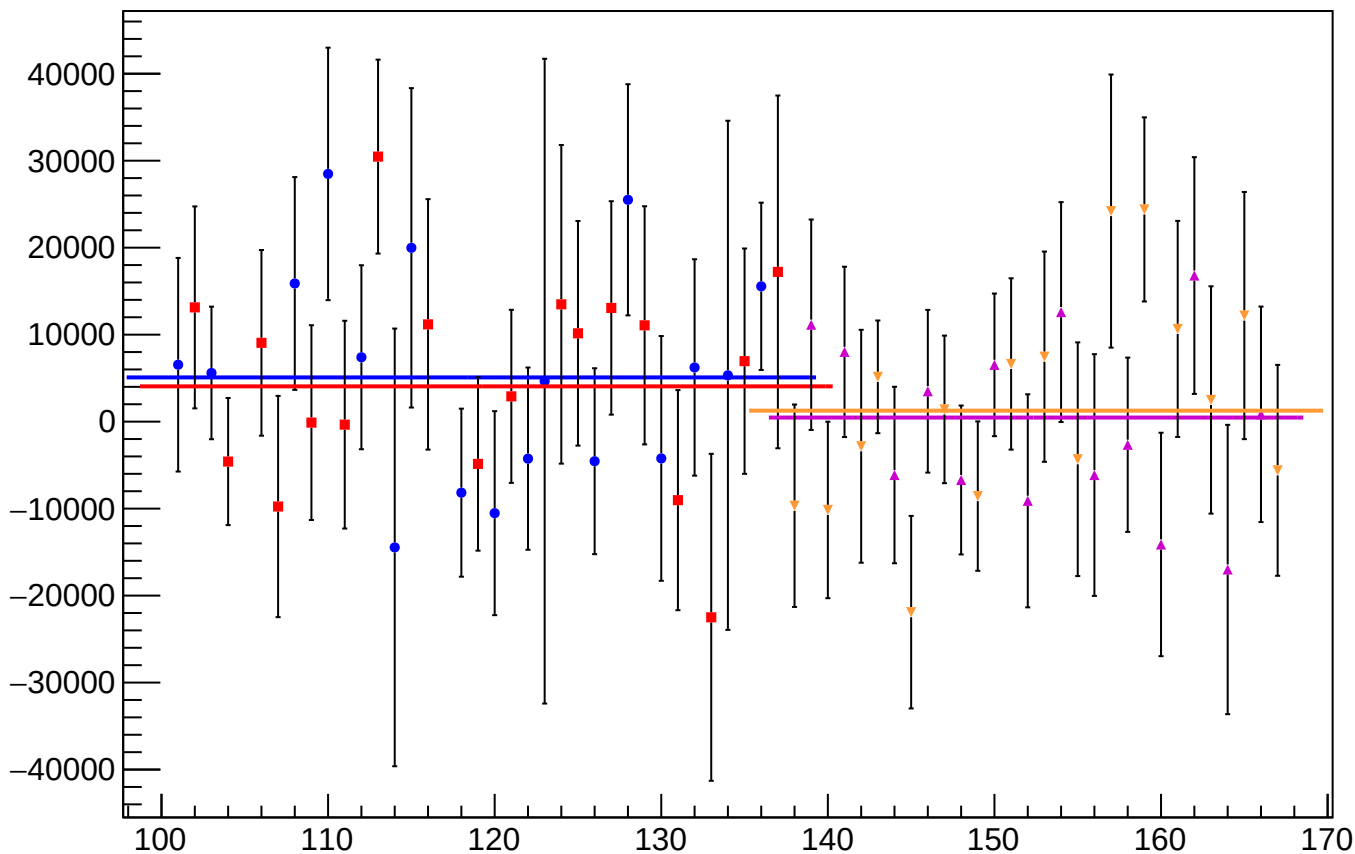
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8267.695+/-1.429 χ^2/NDF : 1700541.0/30

Out: 7027.965+/-1.223 χ^2/NDF : 4830314.2/33

All: 7552.293+/-0.929 χ^2/NDF : 6965287.9/64

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1262.019+/-2654.817 χ^2/NDF : 17.4/15

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

Left In: 468.931+/-2928.702 χ^2/NDF : 8.8/13

Left: 904.285+/-1966.957 χ^2/NDF : 26.3/29

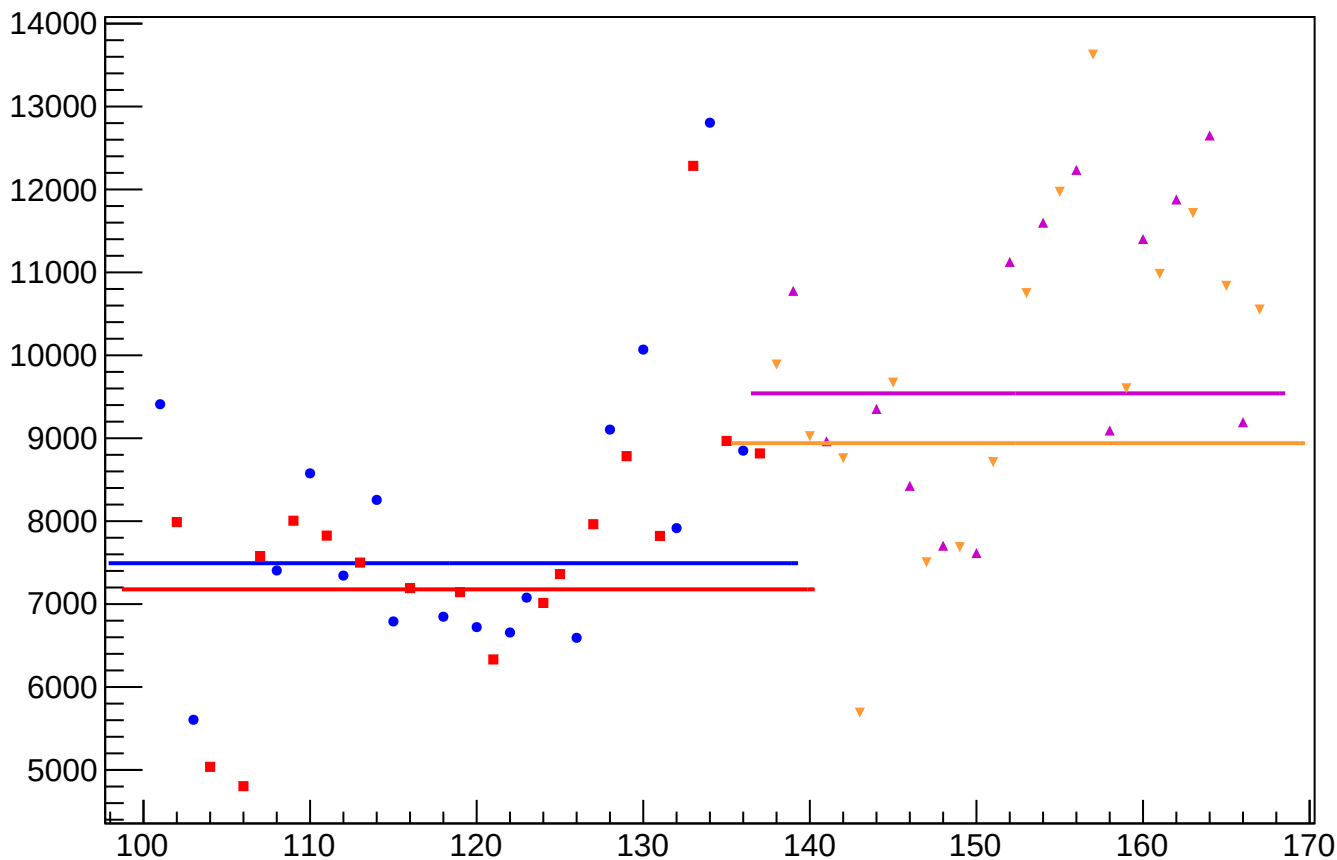
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 2755.958+/-2080.226 χ^2/NDF : 24.0/30

Out: 2584.467+/-1926.545 χ^2/NDF : 33.1/33

All: 2663.645+/-1413.484 χ^2/NDF : 57.2/64

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: 7177.811 $\pm$ 1.980 χ^2 /NDF: 555902.2/17

Left In: 9541.122 $\pm$ 2.071 χ^2 /NDF: 597630.9/13

Left: 9211.345 $\pm$ 1.391 χ^2 /NDF: 1818332.4/29

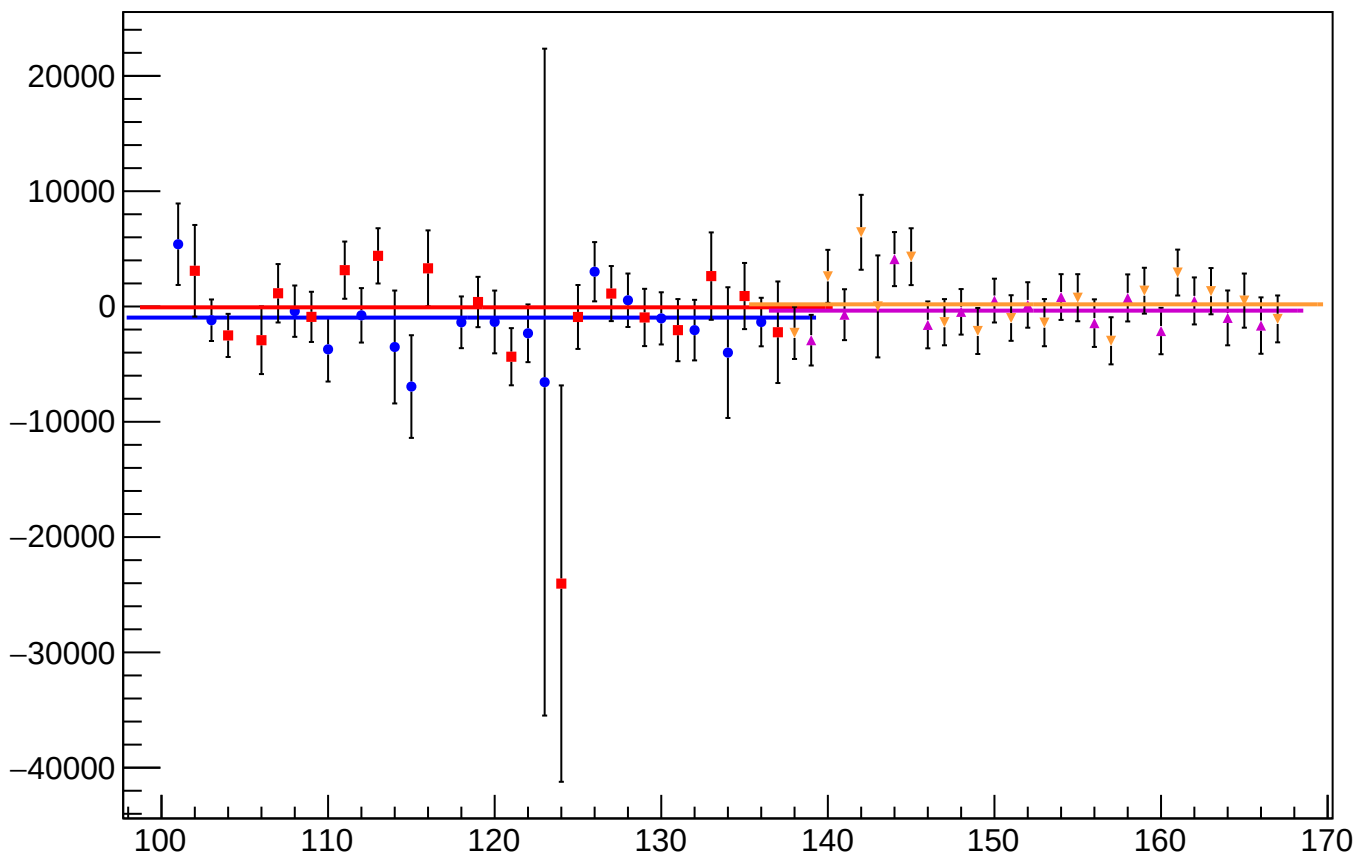
Right: 7326.859 $\pm$ 1.437 χ^2 /NDF: 1004970.1/34

In: 8526.233 $\pm$ 1.471 χ^2 /NDF: 1519413.3/30

Out: 8105.876 $\pm$ 1.362 χ^2 /NDF: 2147780.4/33

All: 8299.945 $\pm$ 0.999 χ^2 /NDF: 3711157.9/64

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -359.229 $\pm$ 560.137 χ^2 /NDF:7.9/13

Left: -79.212 $\pm$ 391.241 χ^2 /NDF: 25.6/29

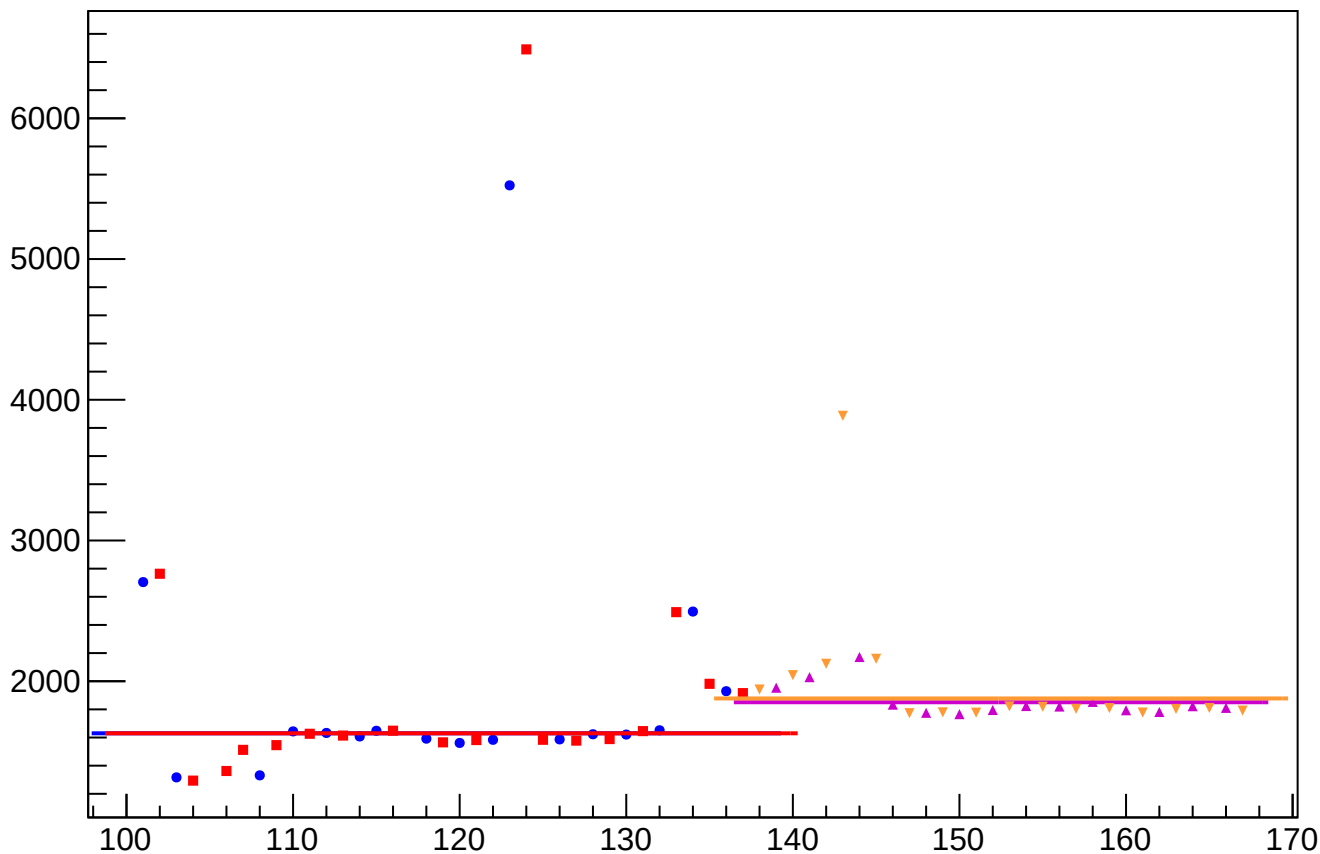
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -619.518 $\pm$ 422.362 χ^2 /NDF:18.5/30

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

All: -264.306 $\pm$ 295.708 χ^2 /NDF: 53.8/64

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 $\pm$ 0.455 χ^2 /NDF: 408151.7/16

Left Out: 1877.620 $\pm$ 0.387 χ^2 /NDF: 498879.7/15

Right Out: 1629.941 $\pm$ 0.449 χ^2 /NDF: 557457.4/17

Left In: 1850.665 $\pm$ 0.396 χ^2 /NDF: 69102.8/13

Left: 1864.470 $\pm$ 0.277 χ^2 /NDF: 570354.3/29

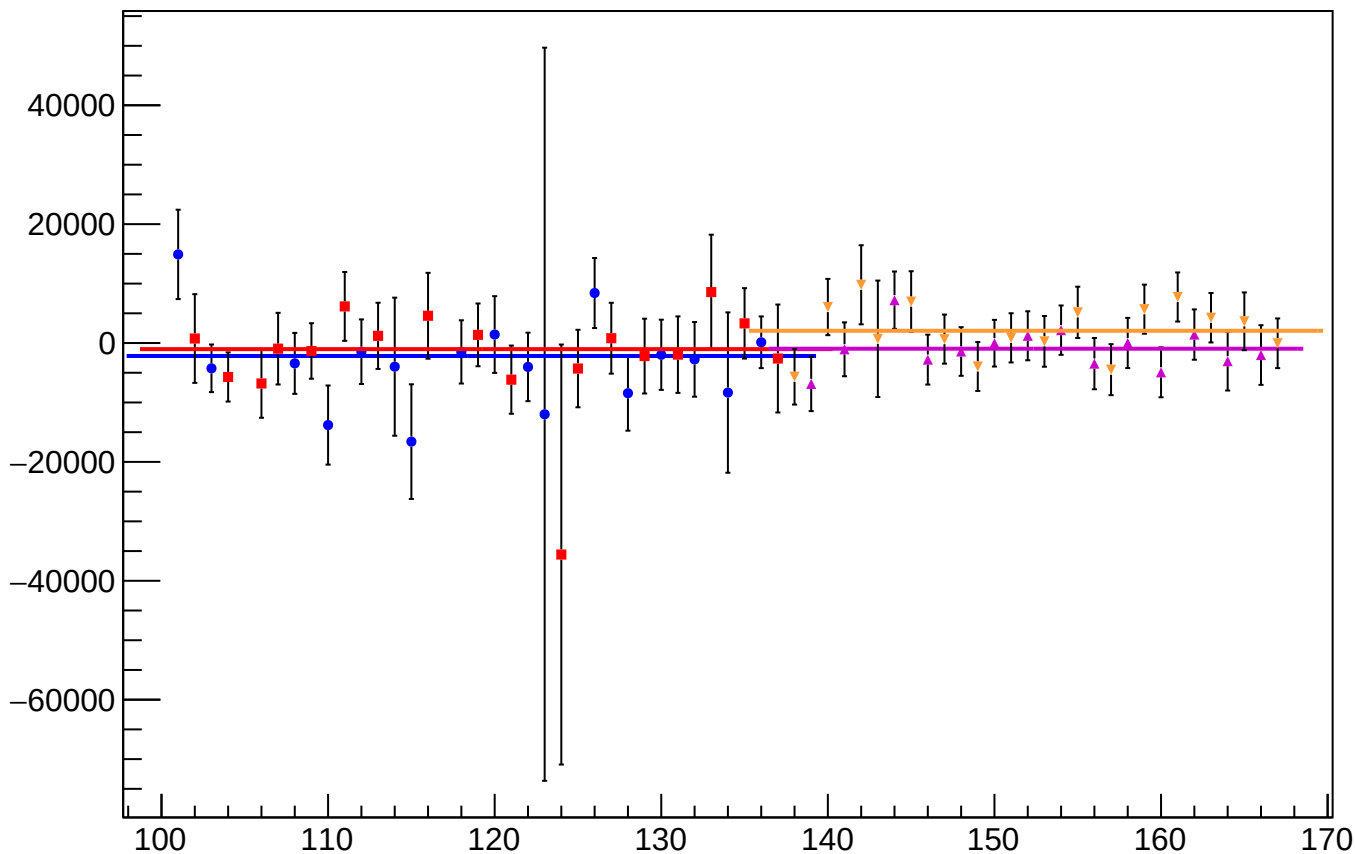
Right: 1629.948 $\pm$ 0.319 χ^2 /NDF: 965609.1/34

In: 1755.443 $\pm$ 0.299 χ^2 /NDF: 611224.1/30

Out: 1772.074 $\pm$ 0.293 χ^2 /NDF: 1231261.9/33

All: 1763.922 $\pm$ 0.209 χ^2 /NDF: 1844066.9/64

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2063.365 ± 1135.594 $\chi^2/\text{NDF}: 14.4/15$

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

Left In: -956.813 ± 1161.841 $\chi^2/\text{NDF}: 7.5/13$

Left: 587.776 ± 812.107 $\chi^2/\text{NDF}: 25.3/29$

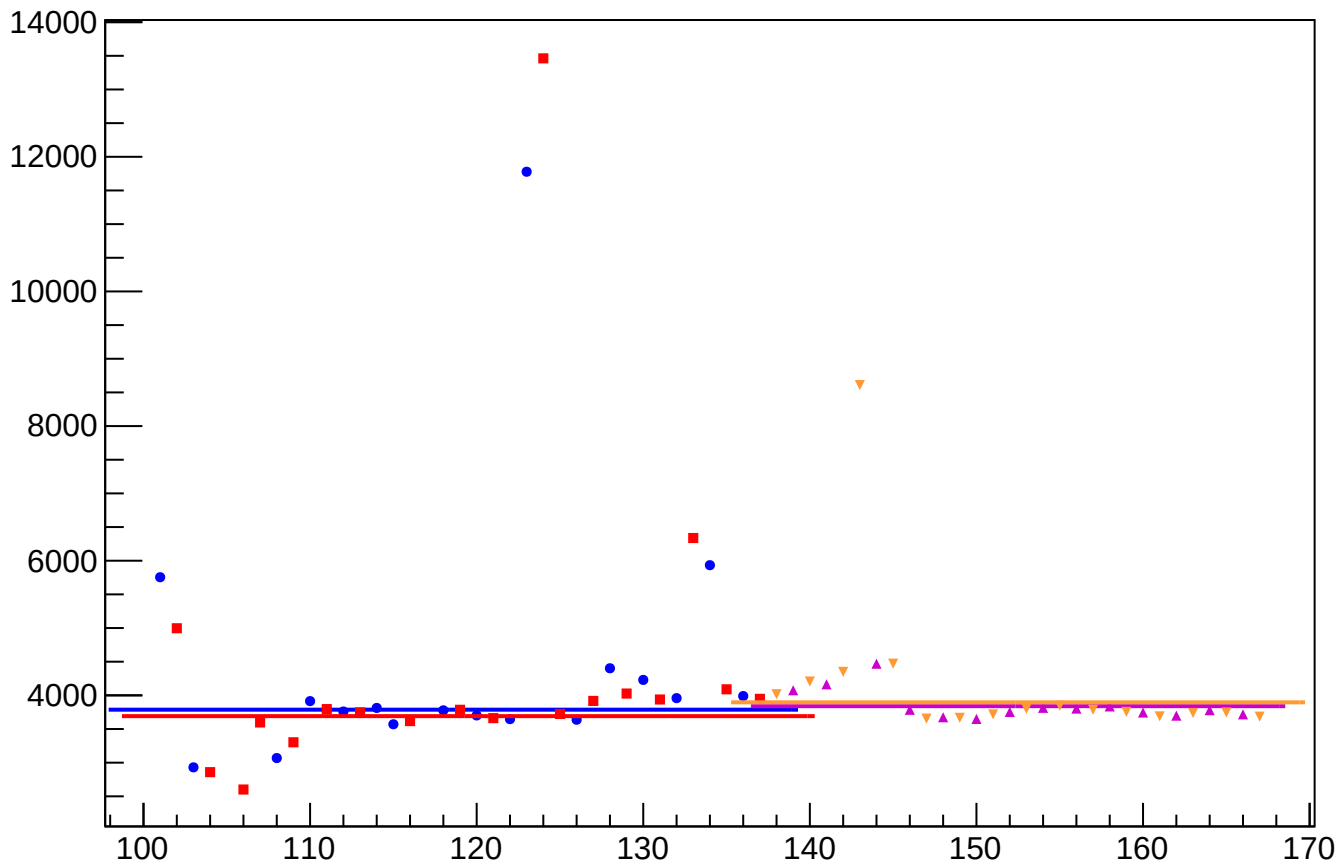
Right: -1583.224 ± 1037.341 $\chi^2/\text{NDF}: 24.9/34$

In: -1417.872 ± 916.924 $\chi^2/\text{NDF}: 23.9/30$

Out: 880.762 ± 892.236 $\chi^2/\text{NDF}: 25.8/33$

All: -237.194 ± 639.456 $\chi^2/\text{NDF}: 52.9/64$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3839.255+/-0.822 χ^2/NDF : 63776.0/13

Left: 3868.558+/-0.574 χ^2/NDF : 610386.3/29

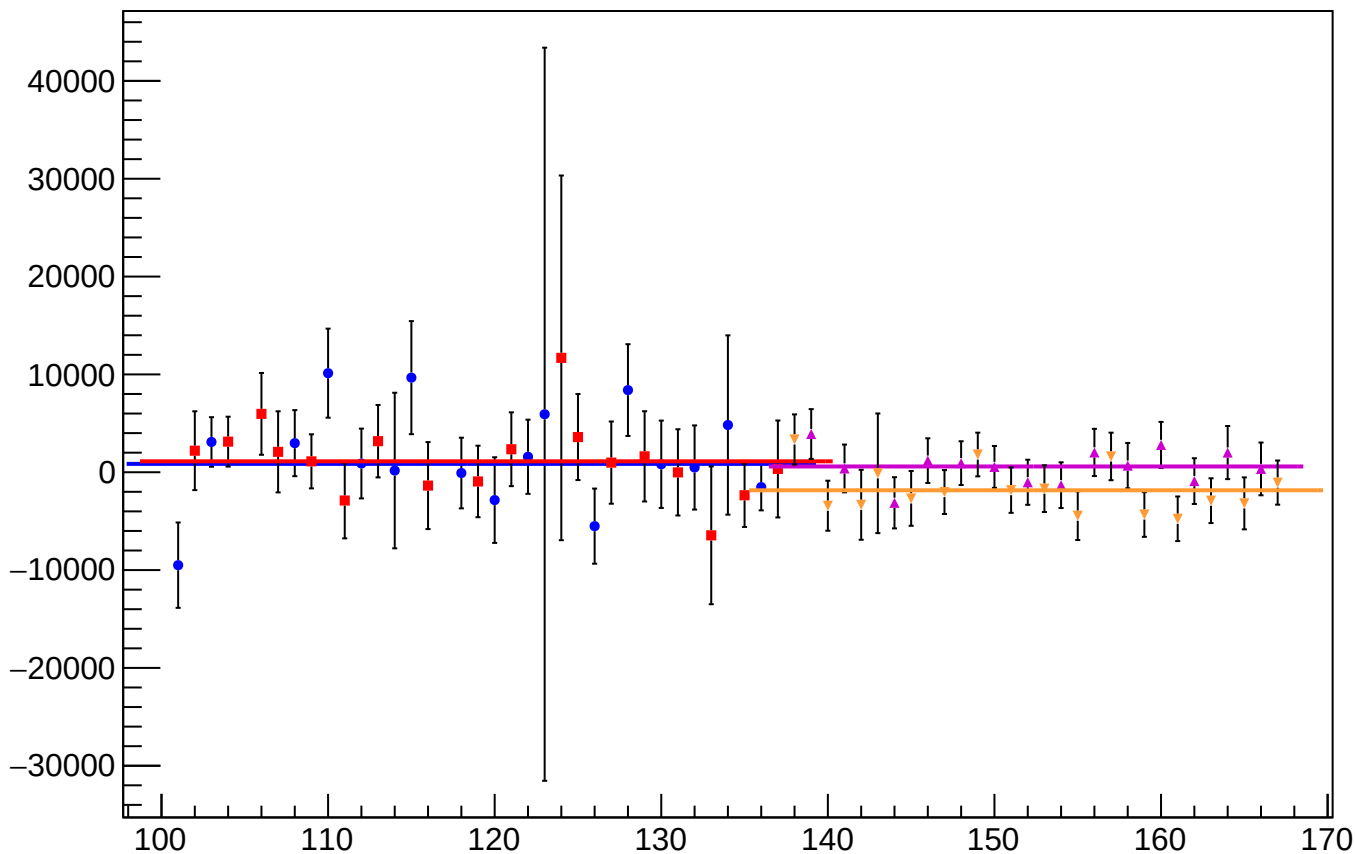
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3819.660+/-0.648 χ^2/NDF : 457935.1/30

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

All: 3818.799+/-0.452 χ^2/NDF : 1582235.3/64

asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 590.274 $\pm$ 639.619 χ^2 /NDF:6.9/13

Left: -650.935 $\pm$ 447.820 χ^2 /NDF: 28.3/29

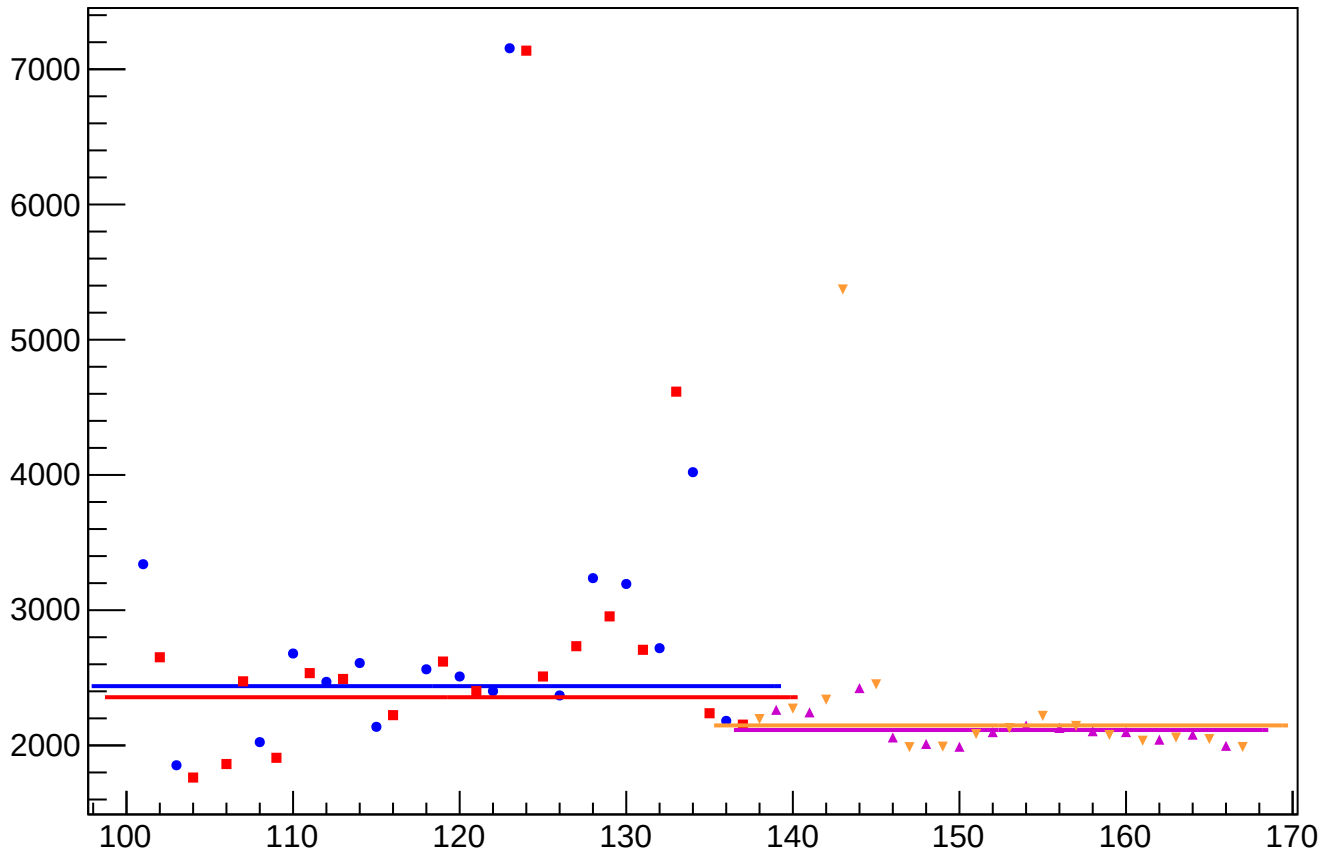
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 671.469 $\pm$ 533.097 χ^2 /NDF:27.6/30

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

All: -142.025 $\pm$ 372.056 χ^2 /NDF: 60.5/64

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2147.859+/-0.443 χ^2/NDF : 636633.4/15

Right Out: 2356.405+/-0.656 χ^2/NDF : 629132.8/17

Left In: 2113.822+/-0.452 χ^2/NDF : 59398.6/13

Left: 2131.174+/-0.317 χ^2/NDF : 698919.2/29

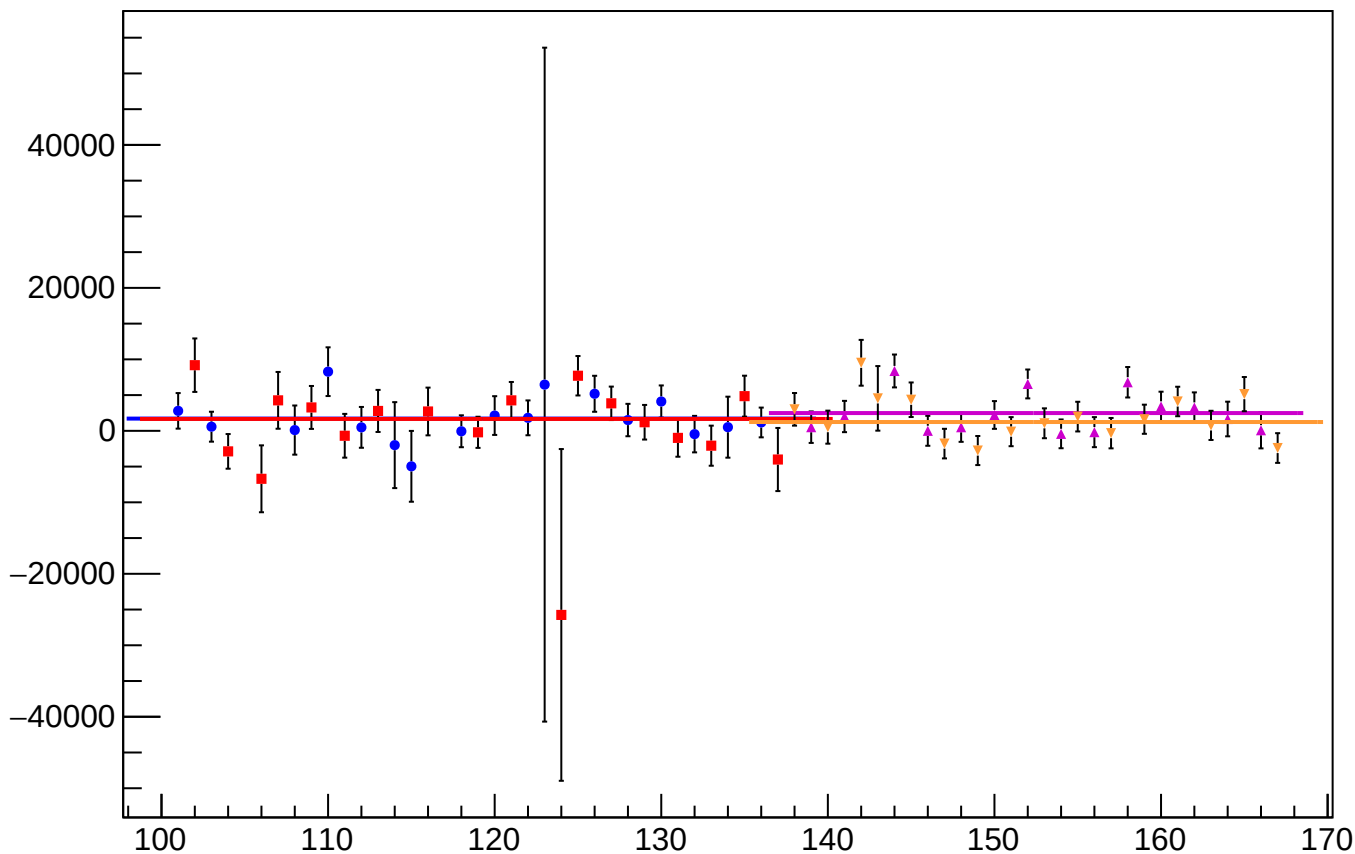
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2212.892+/-0.377 χ^2/NDF : 693259.6/30

Out: 2213.327+/-0.367 χ^2/NDF : 1335183.0/33

All: 2213.115+/-0.263 χ^2/NDF : 2028443.3/64

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1234.029 $\pm$ 557.396 χ^2/NDF : 24.5/15

Right Out: 1665.369 $\pm$ 695.701 χ^2/NDF : 26.8/17

Left In: 2487.075 $\pm$ 571.551 χ^2/NDF : 23.0/13

Left: 1844.844 $\pm$ 399.049 χ^2/NDF : 49.9/29

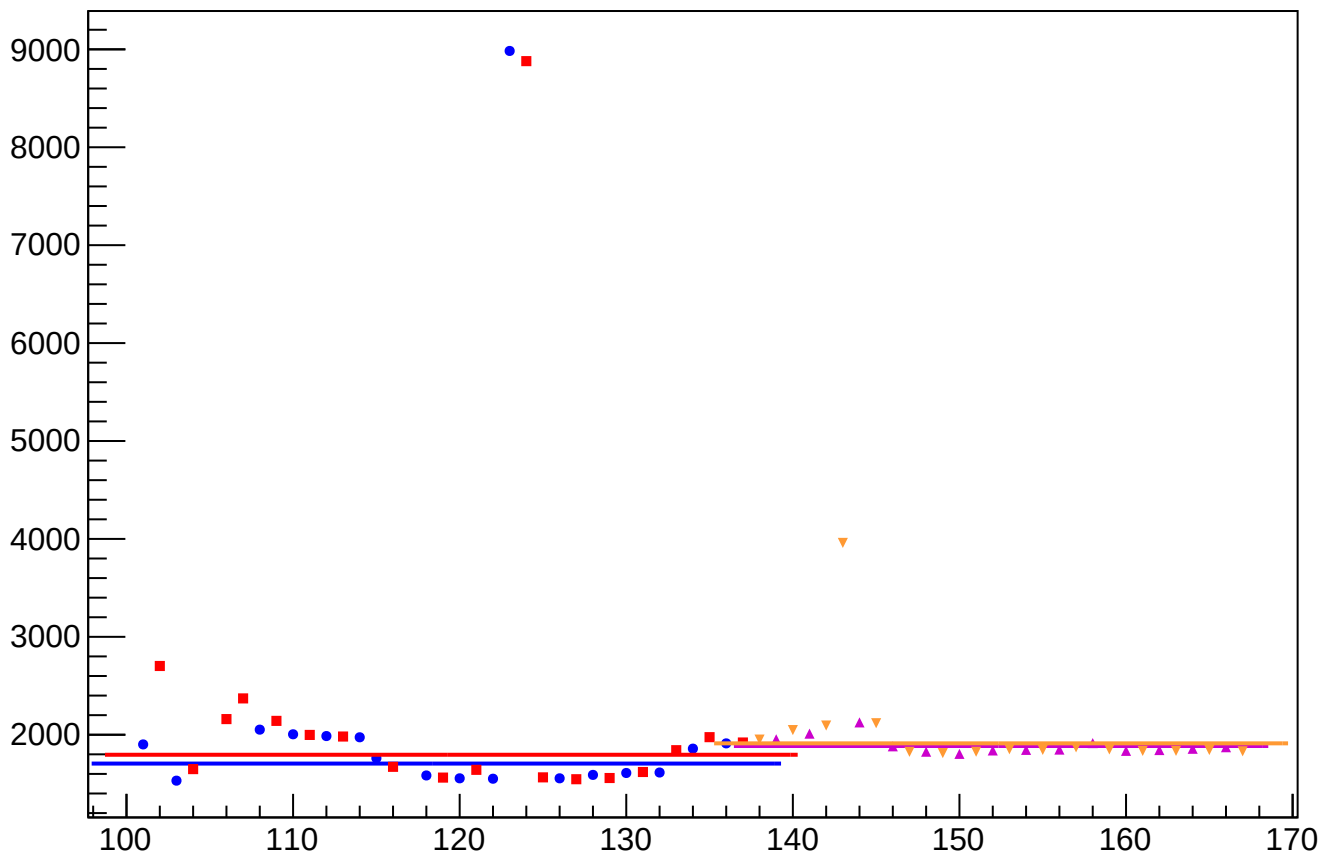
Right: 1689.956 $\pm$ 481.523 χ^2/NDF : 38.2/34

In: 2159.240 $\pm$ 434.048 χ^2/NDF : 35.1/30

Out: 1402.665 $\pm$ 434.999 χ^2/NDF : 51.5/33

All: 1781.781 $\pm$ 307.254 χ^2/NDF : 88.2/64

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1885.037 $\pm$ 0.404 χ^2/NDF : 40638.3/13

Left: 1898.928 $\pm$ 0.282 χ^2/NDF : 510471.8/29

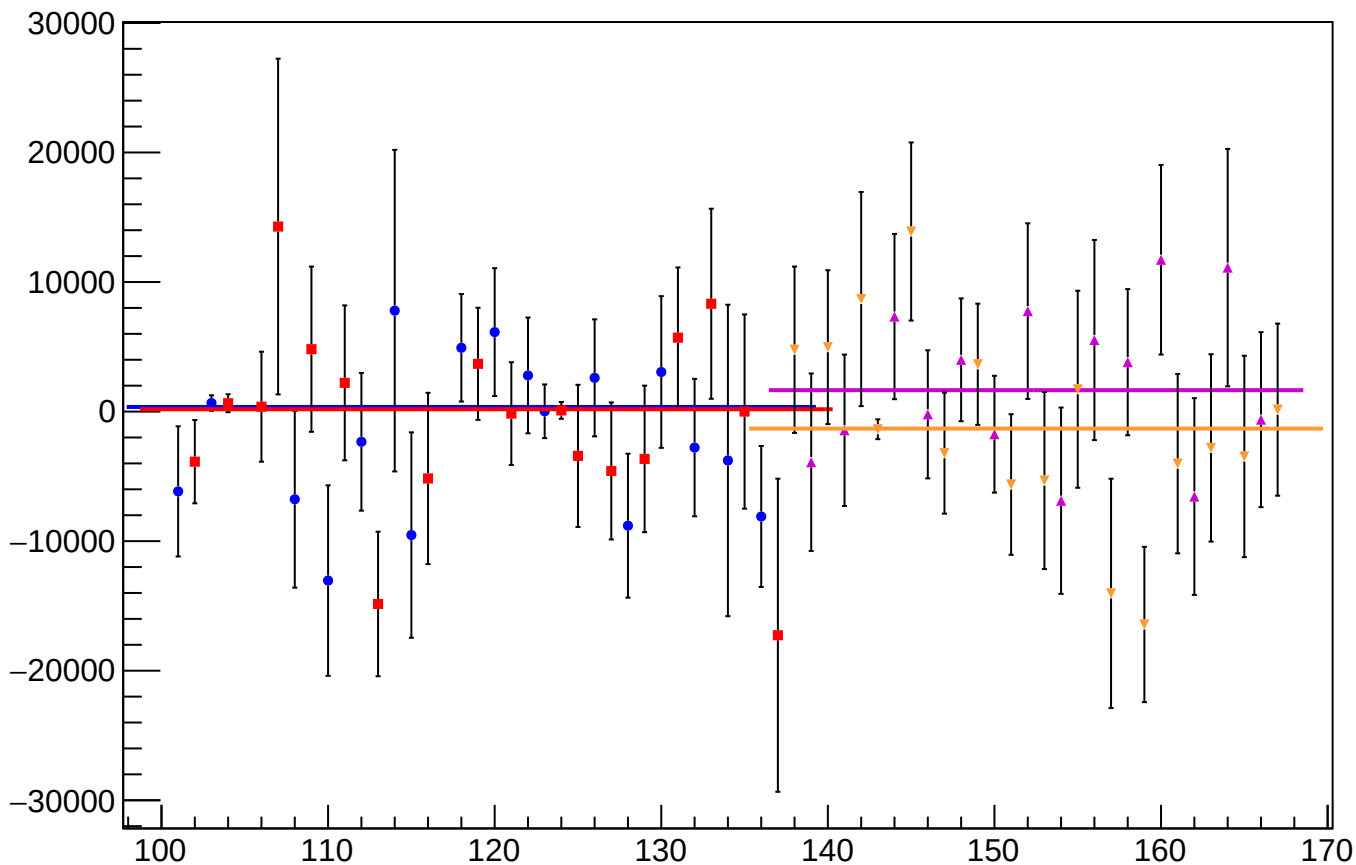
Right: 1748.814 $\pm$ 0.340 χ^2/NDF : 730436.4/34

In: 1809.095 $\pm$ 0.307 χ^2/NDF : 318230.1/30

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

All: 1837.732 $\pm$ 0.217 χ^2/NDF : 1356285.8/64

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 1653.658 $\pm$ 1646.342 χ^2 /NDF:9.5/13

Left: -865.480 $\pm$ 639.511 χ^2 /NDF: 31.9/29

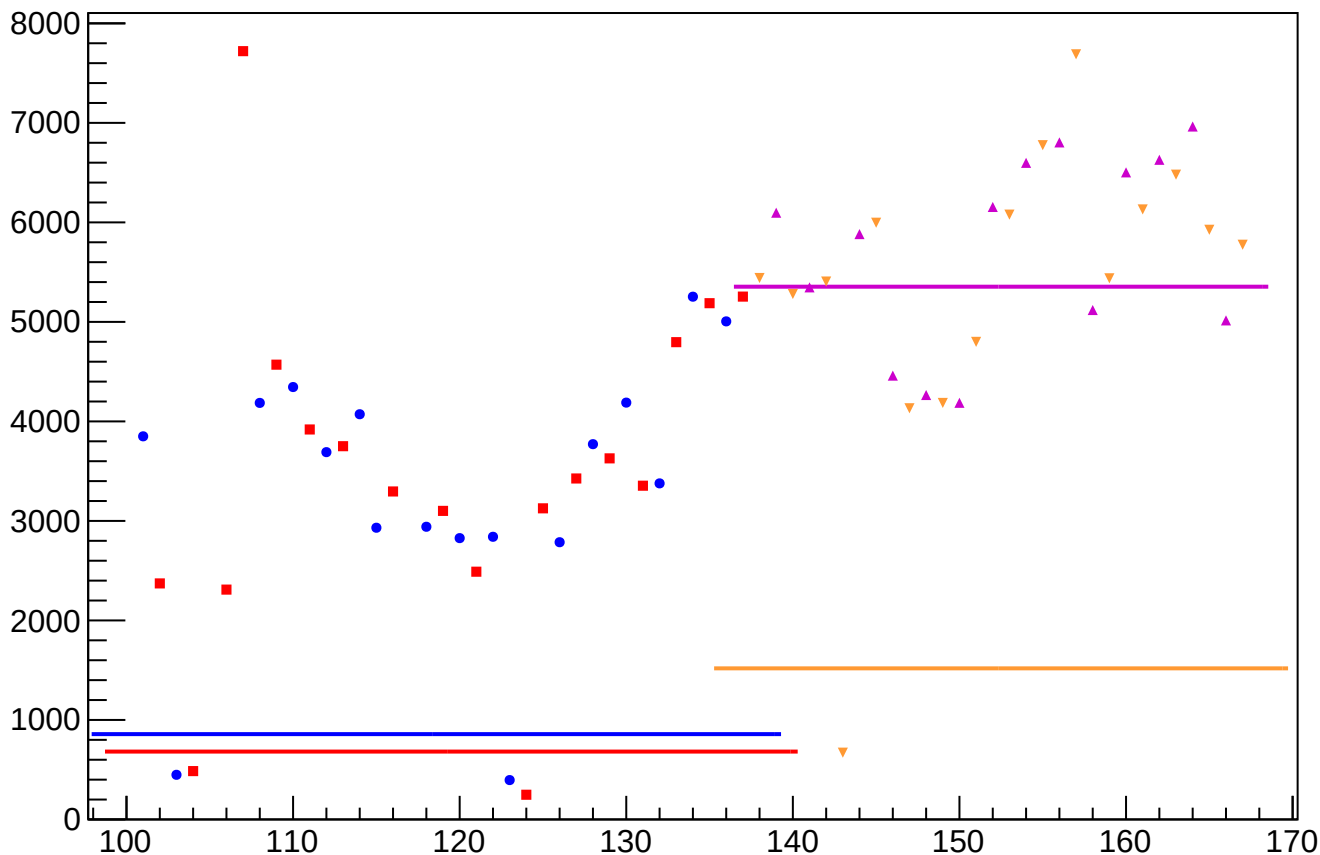
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 480.123 $\pm$ 507.267 χ^2 /NDF:27.6/30

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

All: 3.313 $\pm$ 301.961 χ^2 /NDF: 70.3/64

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377

χ^2/NDF : 8175260.6/16

Left Out: 1518.403+/-0.491

χ^2/NDF : 14261080.2/15

Right Out: 682.114+/-0.316

χ^2/NDF : 9378570.8/17

Left In: 5353.739+/-1.164

χ^2/NDF : 676275.9/13

Left: 2097.111+/-0.452

χ^2/NDF : 24153763.0/29

Right: 754.488+/-0.242

χ^2/NDF : 17680867.8/34

In: 1284.332+/-0.359

χ^2/NDF : 22352763.1/30

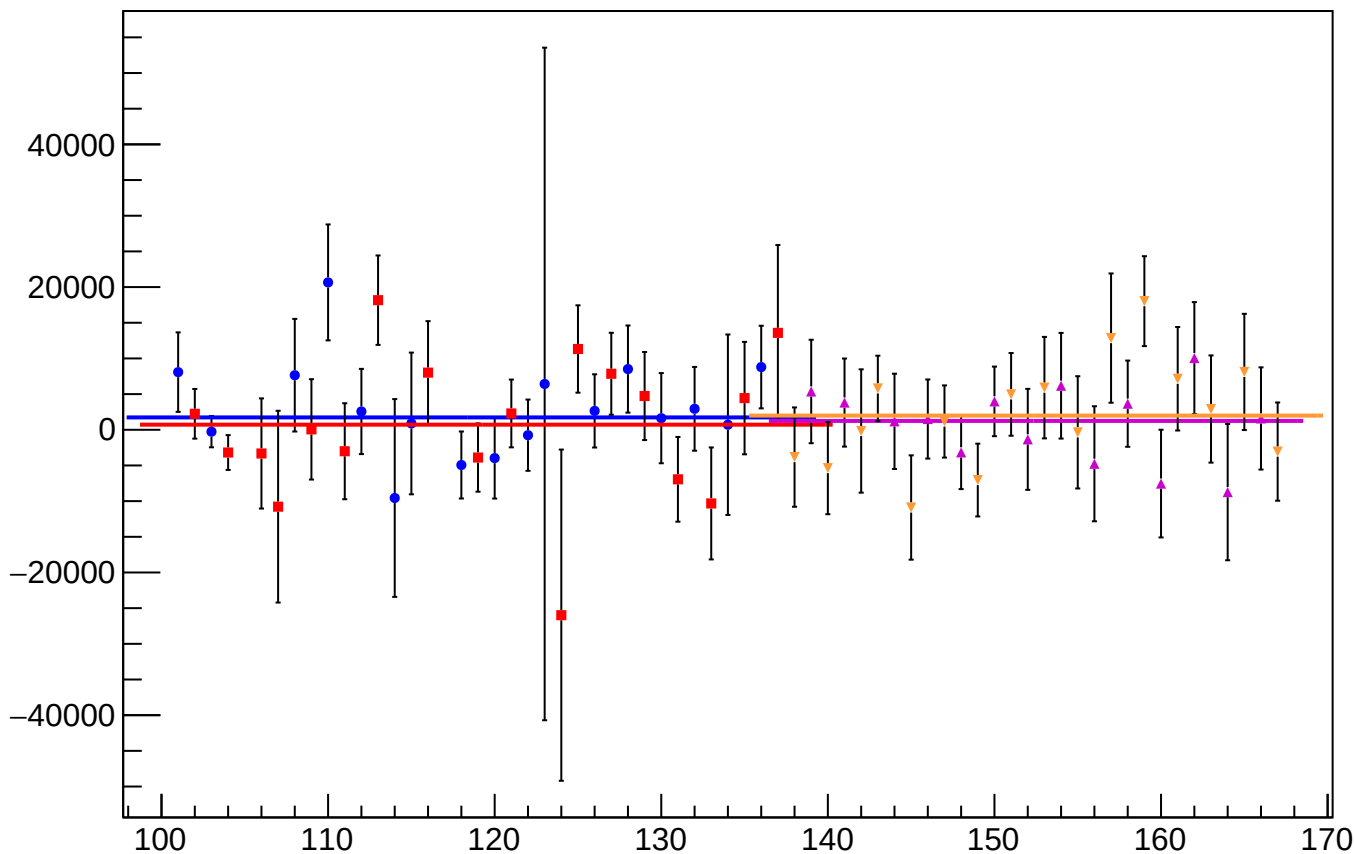
Out: 927.316+/-0.266

χ^2/NDF : 25692254.3/33

All: 1053.823+/-0.214

χ^2/NDF : 48684651.0/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1242.615+/-1753.272 χ^2/NDF :6.6/13

Left: 1642.826+/-1192.567 χ^2/NDF : 25.9/29

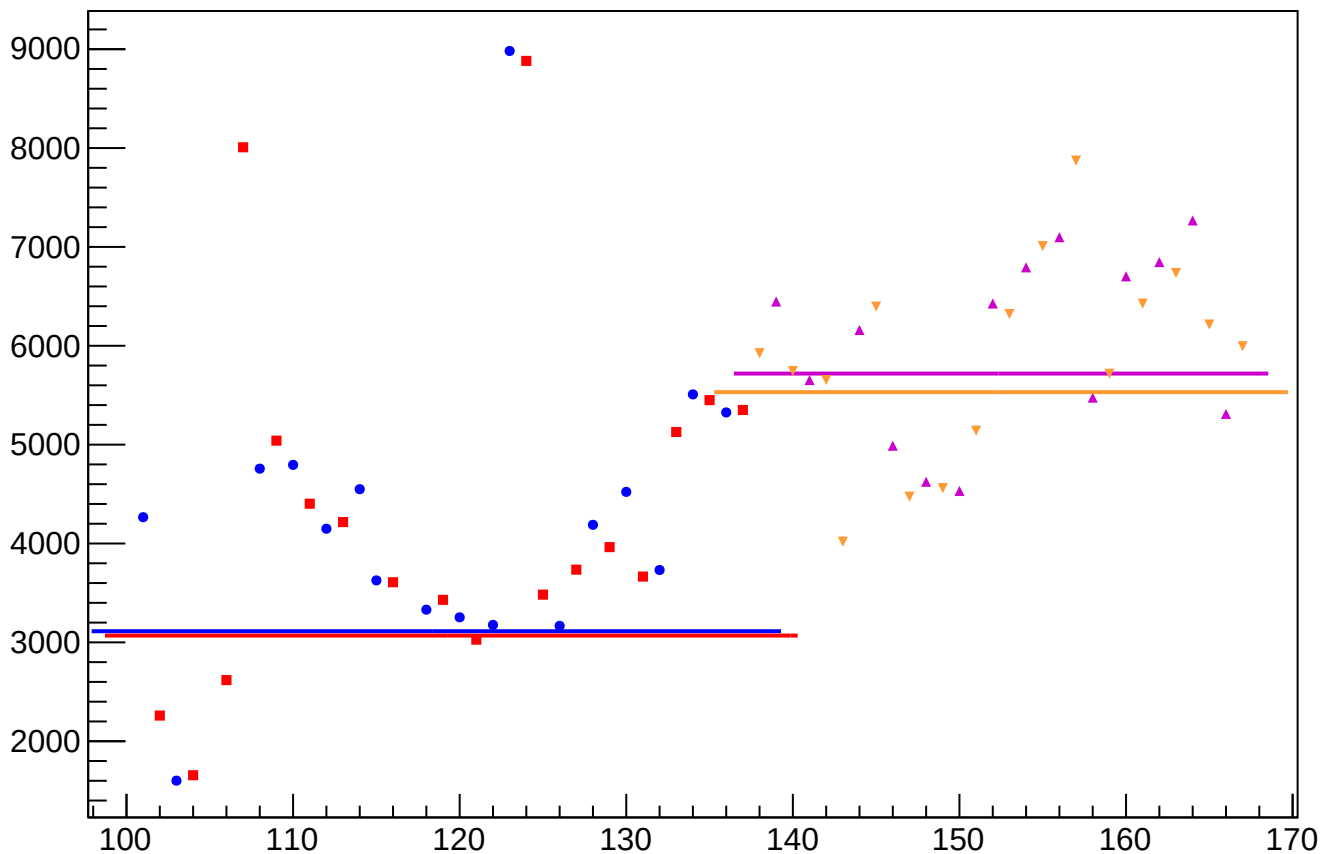
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1558.418+/-1046.643 χ^2/NDF :21.5/30

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

All: 1376.553+/-727.210 χ^2/NDF : 66.3/64

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686+/-0.922 χ^2/NDF : 1884511.8/16

Left Out: 5531.170+/-1.150 χ^2/NDF : 759504.3/15

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

Left In: 5718.949+/-1.240 χ^2/NDF : 531166.6/13

Left: 5618.049+/-0.843 χ^2/NDF : 1302998.3/29

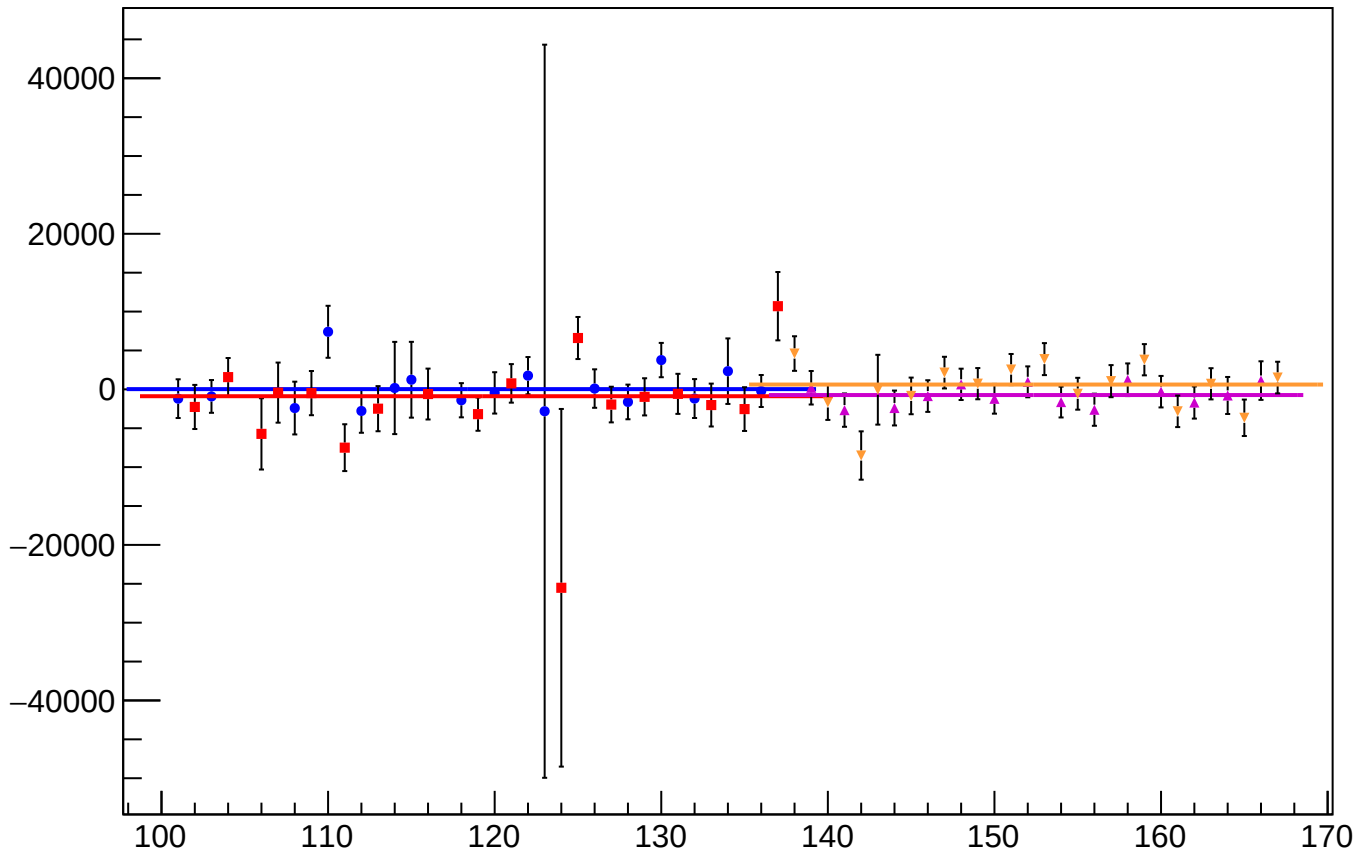
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 4041.468+/-0.740 χ^2/NDF : 5260186.6/30

Out: 4002.772+/-0.709 χ^2/NDF : 5605127.5/33

All: 4021.277+/-0.512 χ^2/NDF : 10866740.5/66

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: -882.685+/-674.623 χ^2/NDF : 25.6/17

Left In: -731.995+/-560.737 χ^2/NDF : 5.6/13

Left: -39.944+/-391.423 χ^2/NDF : 35.2/29

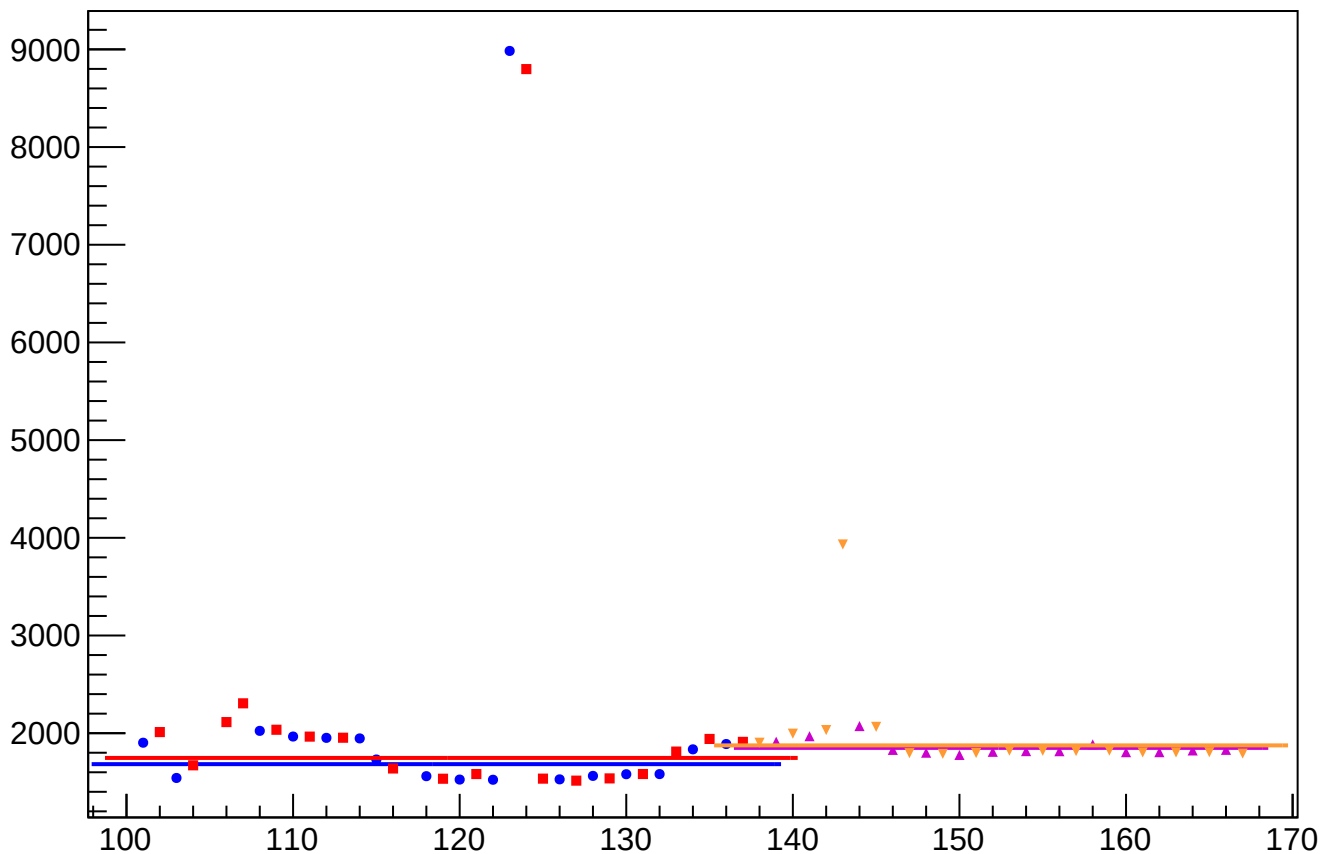
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -412.030+/-426.897 χ^2/NDF : 18.2/30

Out: 23.063+/-424.716 χ^2/NDF : 55.2/33

All: -193.369+/-301.088 χ^2/NDF : 73.9/64

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1849.663+/-0.397 χ^2/NDF : 36731.3/13

Left: 1862.776+/-0.277 χ^2/NDF : 509058.1/29

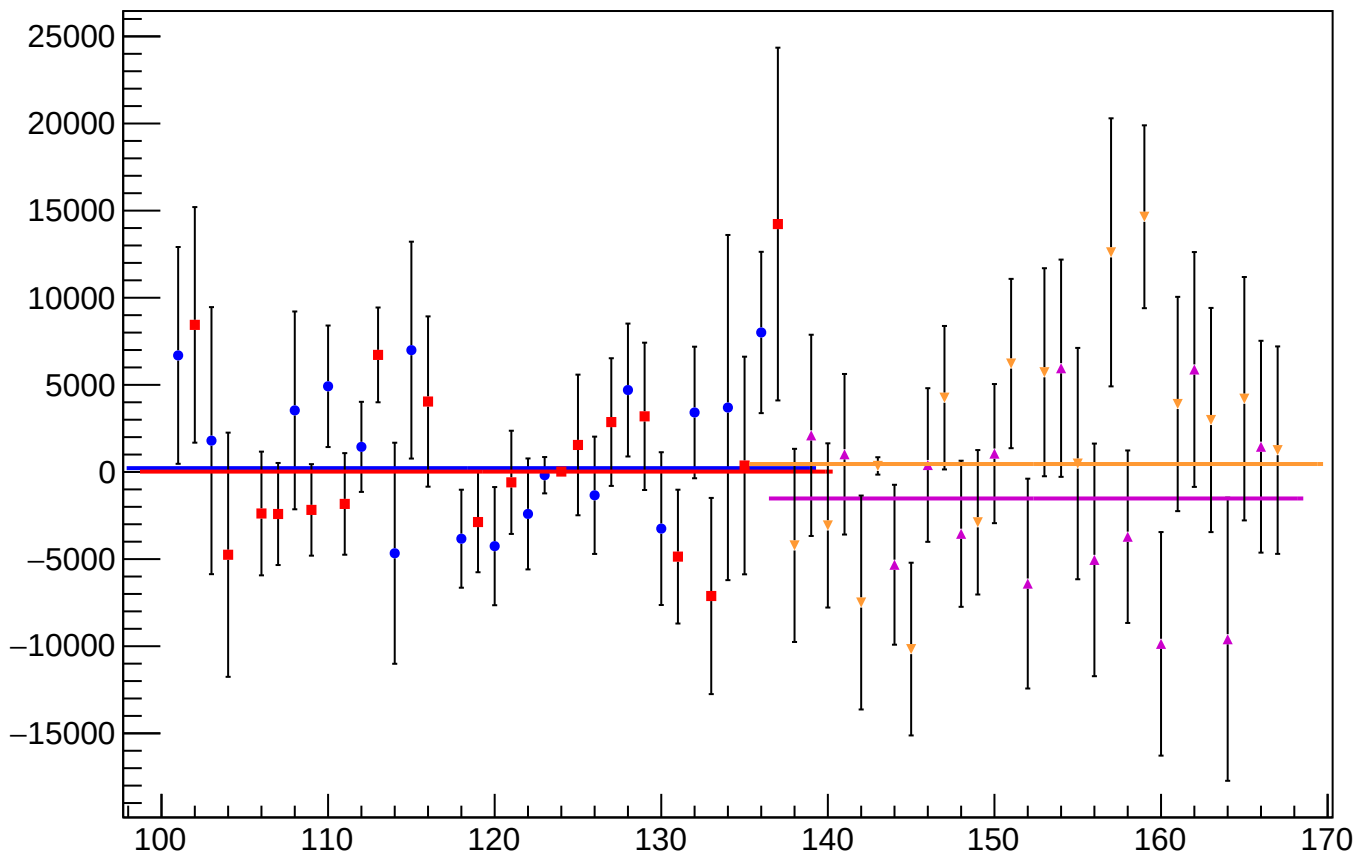
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1779.650+/-0.302 χ^2/NDF : 306755.1/30

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

All: 1802.057+/-0.213 χ^2/NDF : 1238502.9/64

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -1520.610 $\pm$ 1413.261 χ^2/NDF : 8.9/13

Left: 260.134 $\pm$ 446.331 χ^2/NDF : 32.5/29

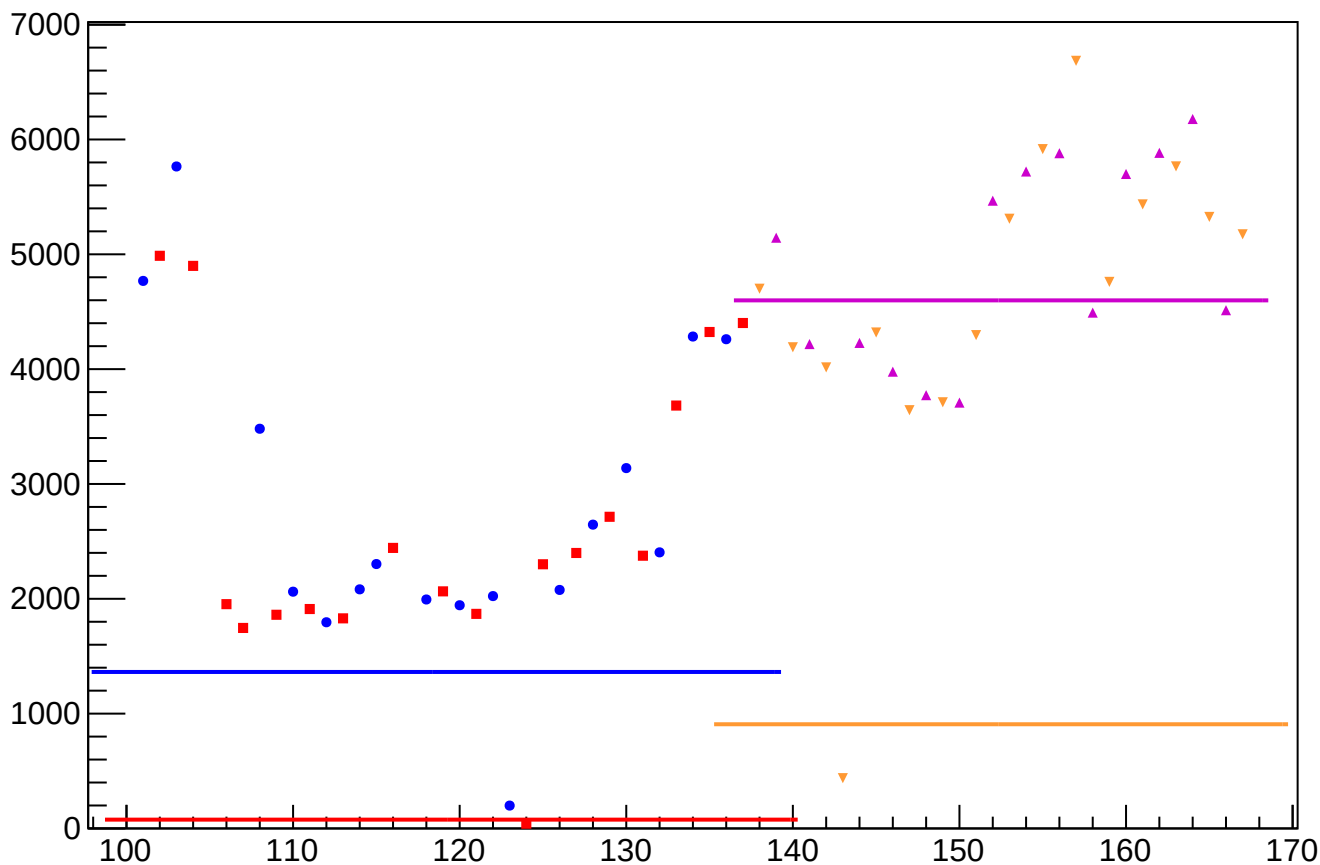
Right: 26.783 $\pm$ 112.731 χ^2/NDF : 34.5/34

In: -139.556 $\pm$ 642.189 χ^2/NDF : 25.9/30

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

All: 40.776 $\pm$ 109.299 χ^2/NDF : 67.3/64

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: 76.832 $\pm$ 0.081 χ^2 /NDF: 13114372.5/17

Left In: 4598.851 $\pm$ 0.999 χ^2 /NDF: 649726.3/13

Left: 1275.610 $\pm$ 0.316 χ^2 /NDF: 29324245.0/29

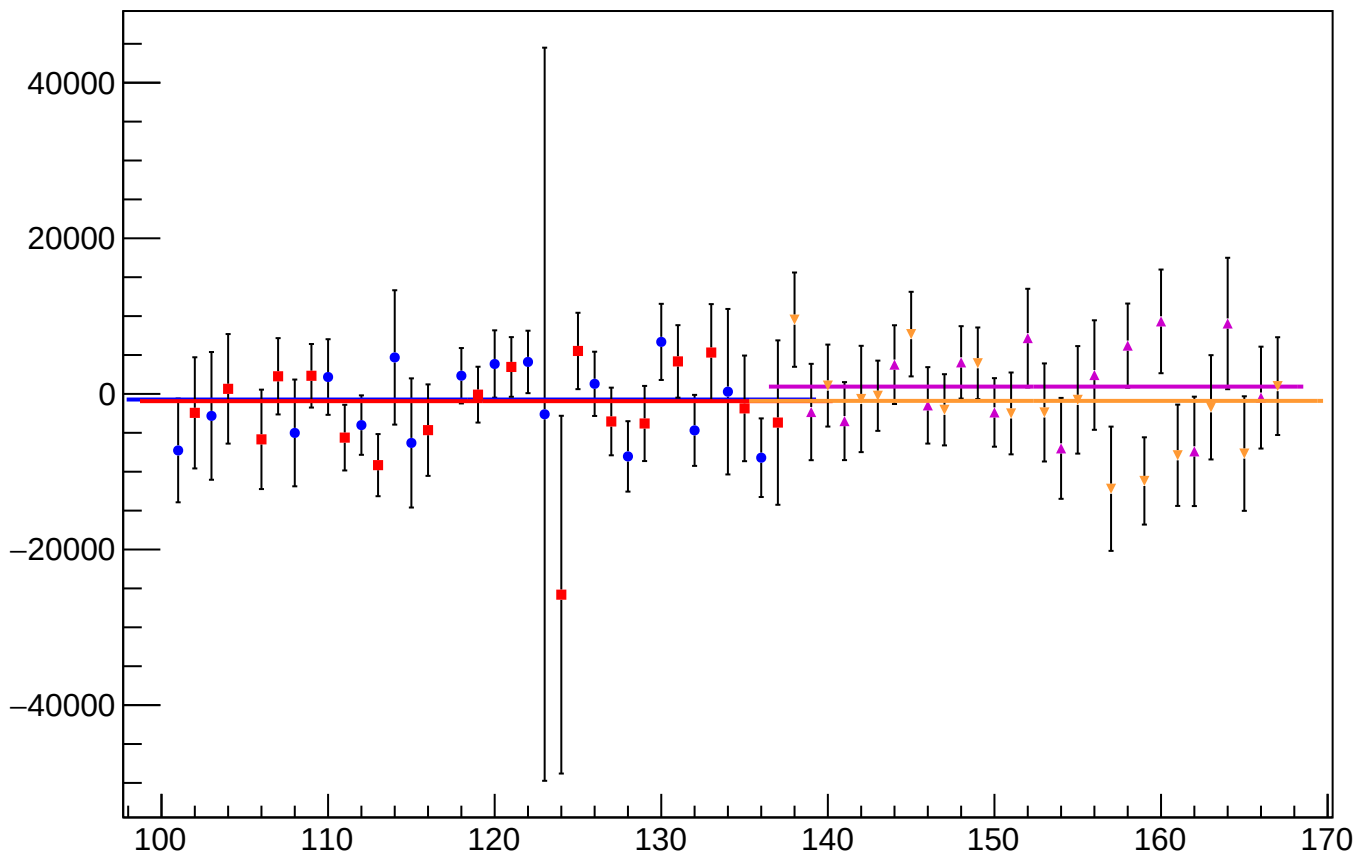
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2031.018 $\pm$ 0.454 χ^2 /NDF: 15206314.2/30

Out: 123.011 $\pm$ 0.078 χ^2 /NDF: 35393561.2/33

All: 178.280 $\pm$ 0.077 χ^2 /NDF: 67743329.9/64

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 938.207+/-1529.959 χ^2/NDF :10.0/13

Left: -33.987+/-1048.748 χ^2/NDF : 25.2/29

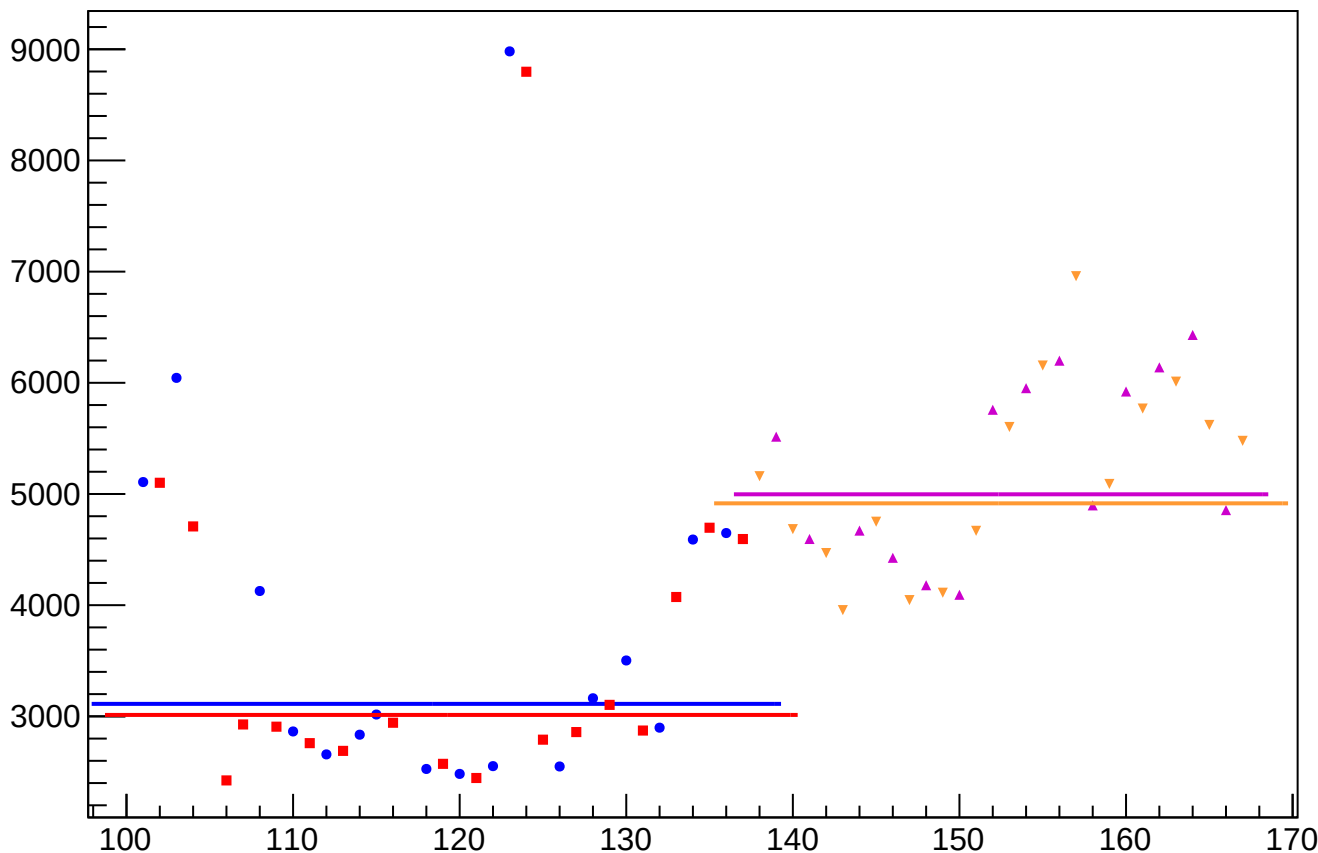
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -55.496+/-969.168 χ^2/NDF :25.5/30

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

All: -508.930+/-667.033 χ^2/NDF : 55.2/64

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4997.212 $\pm$ 1.082 χ^2 /NDF: 489068.4/13

Left: 4954.090 $\pm$ 0.742 χ^2 /NDF: 1080950.8/29

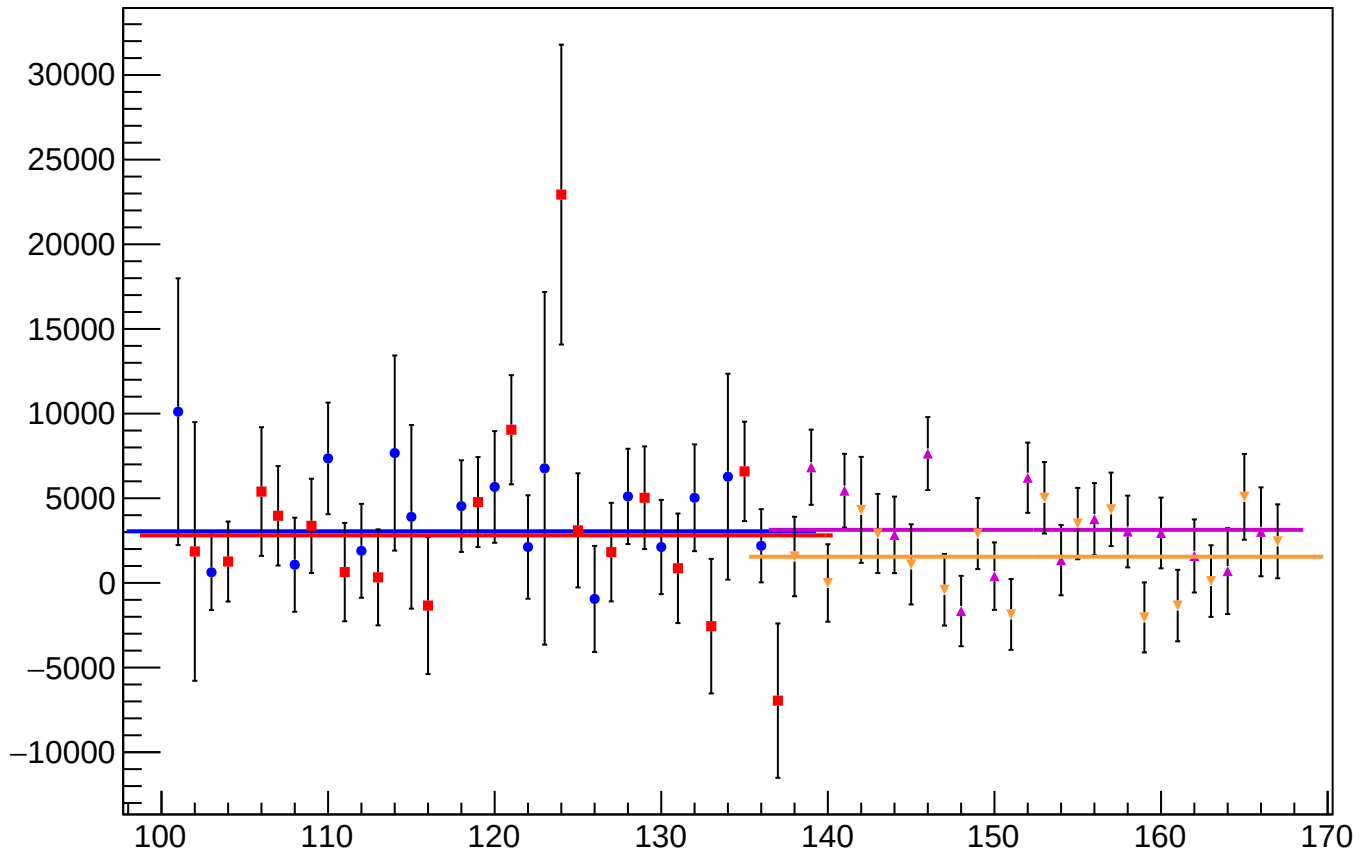
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 3868.617 $\pm$ 0.685 χ^2 /NDF: 3265237.5/30

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

All: 3819.876 $\pm$ 0.470 χ^2 /NDF: 6727859.8/64

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3133.675 $\pm$ 581.272 χ^2 /NDF:20.0/13

Left: 2307.137 $\pm$ 402.096 χ^2 /NDF: 42.1/29

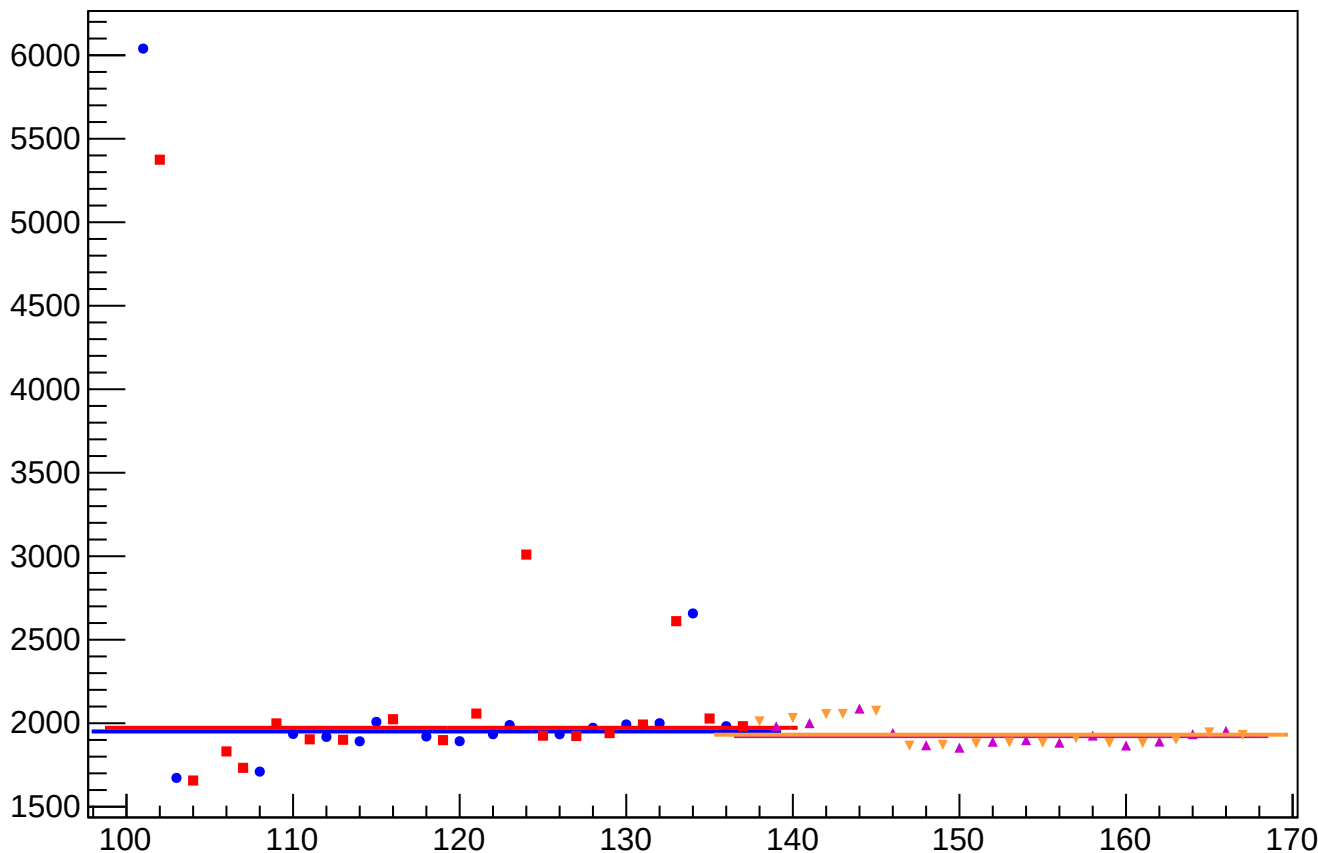
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

In: 3103.085 $\pm$ 464.431 χ^2 /NDF:29.3/30

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

All: 2526.578 $\pm$ 323.341 χ^2 /NDF: 74.3/64

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1922.954 $\pm$ 0.411 χ^2 /NDF: 22284.1/13

Left: 1927.355 $\pm$ 0.284 χ^2 /NDF: 54593.8/29

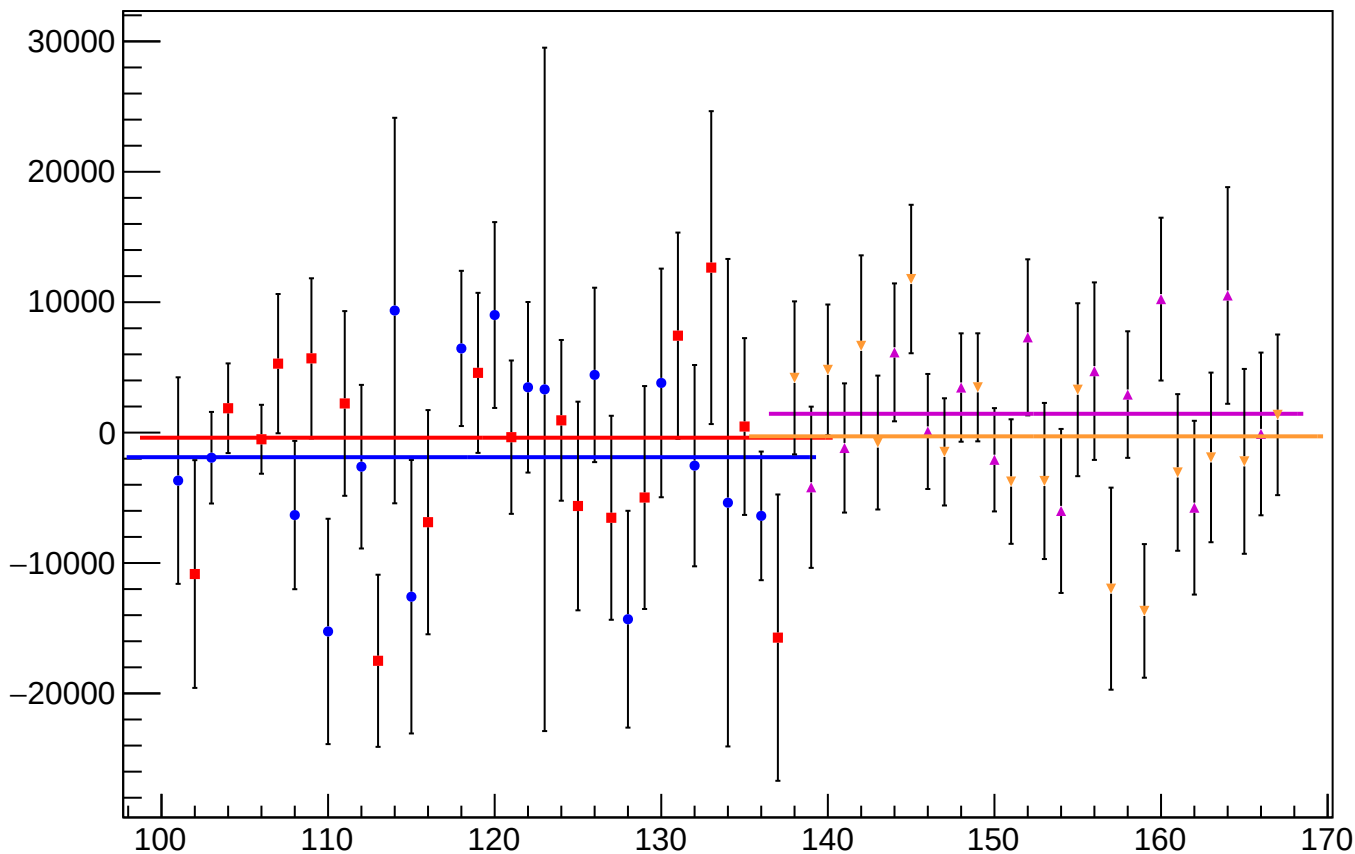
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1932.984 $\pm$ 0.328 χ^2 /NDF: 639096.3/30

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

All: 1939.533 $\pm$ 0.229 χ^2 /NDF: 1211439.0/64

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: -287.298 ± 1383.028 $\chi^2/\text{NDF}: 18.7/15$

Right Out: -391.453 ± 1361.685 $\chi^2/\text{NDF}: 17.6/17$

Left In: 1442.801 ± 1441.359 $\chi^2/\text{NDF}: 10.1/13$

Left: 542.035 ± 997.933 $\chi^2/\text{NDF}: 29.6/29$

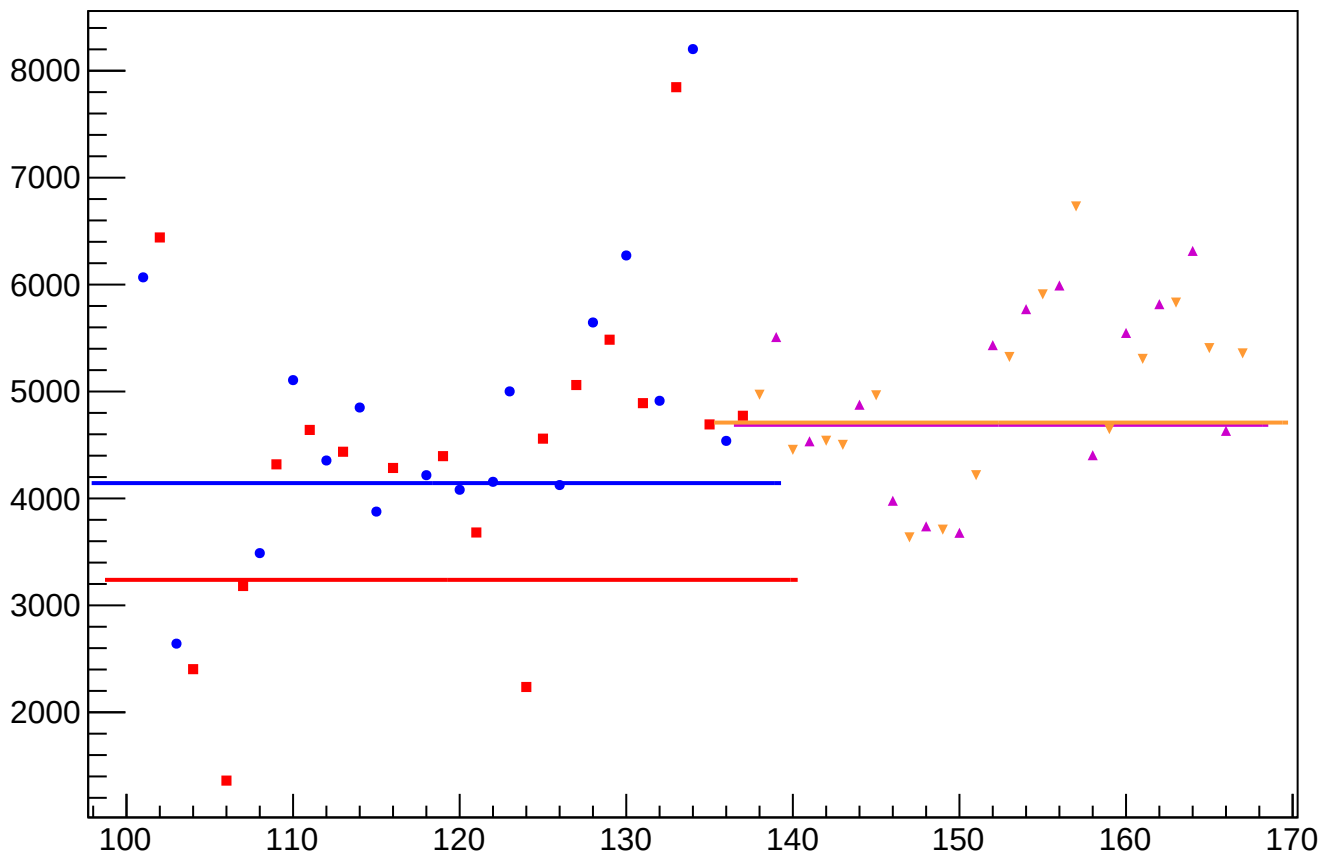
Right: -993.190 ± 1052.280 $\chi^2/\text{NDF}: 32.2/34$

In: 10.235 ± 1087.775 $\chi^2/\text{NDF}: 26.5/30$

Out: -340.185 ± 970.315 $\chi^2/\text{NDF}: 36.3/33$

All: -184.910 ± 724.096 $\chi^2/\text{NDF}: 62.9/64$

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4688.426+/-1.019 χ^2/NDF : 668444.2/13

Left: 4699.435+/-0.706 χ^2/NDF : 1304301.5/29

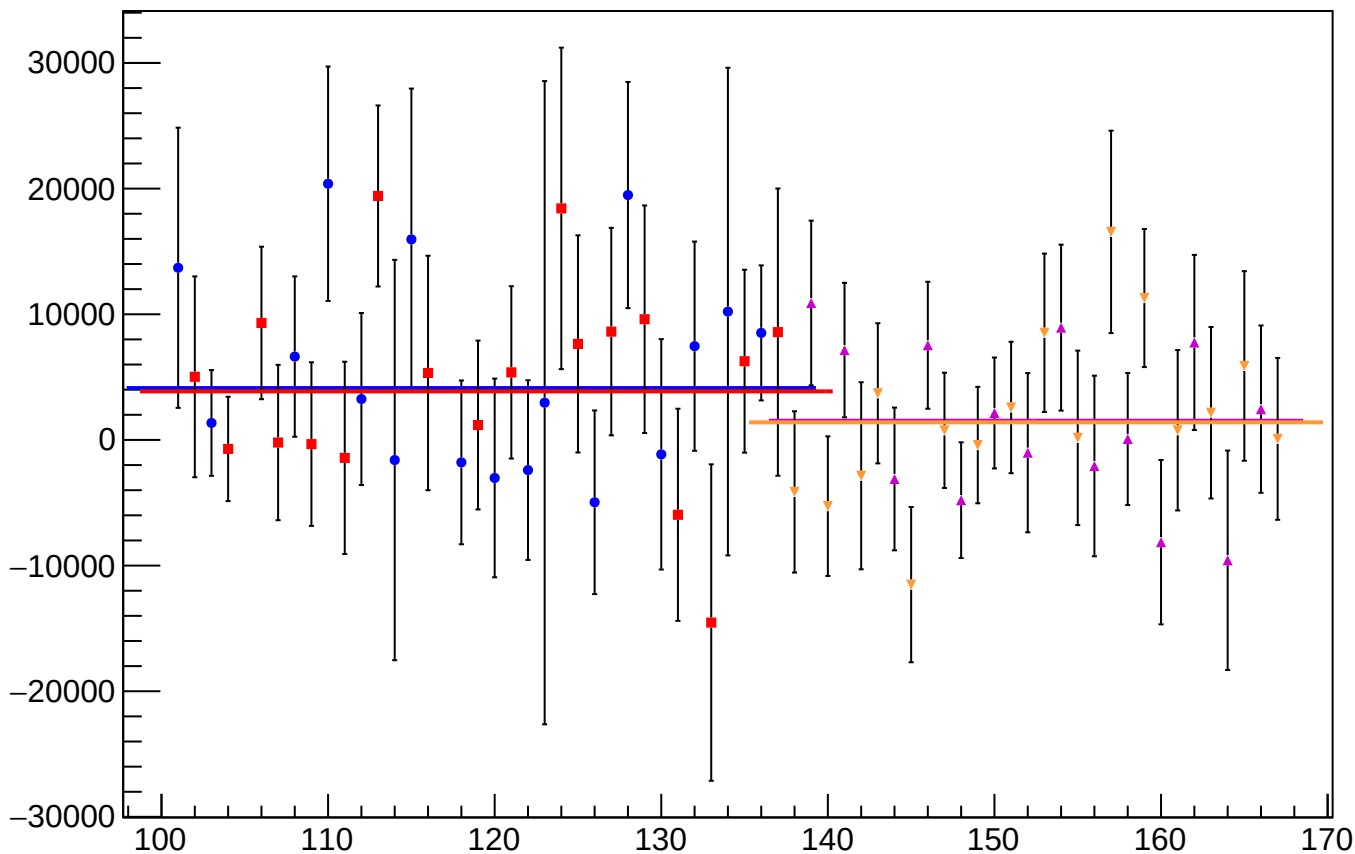
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4453.854+/-0.769 χ^2/NDF : 1647476.1/30

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

All: 4180.305+/-0.512 χ^2/NDF : 6241014.8/64

asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1530.341 $\pm$ 1561.862 χ^2 /NDF:13.5/13

Left: 1463.163 $\pm$ 1080.943 χ^2 /NDF: 29.3/29

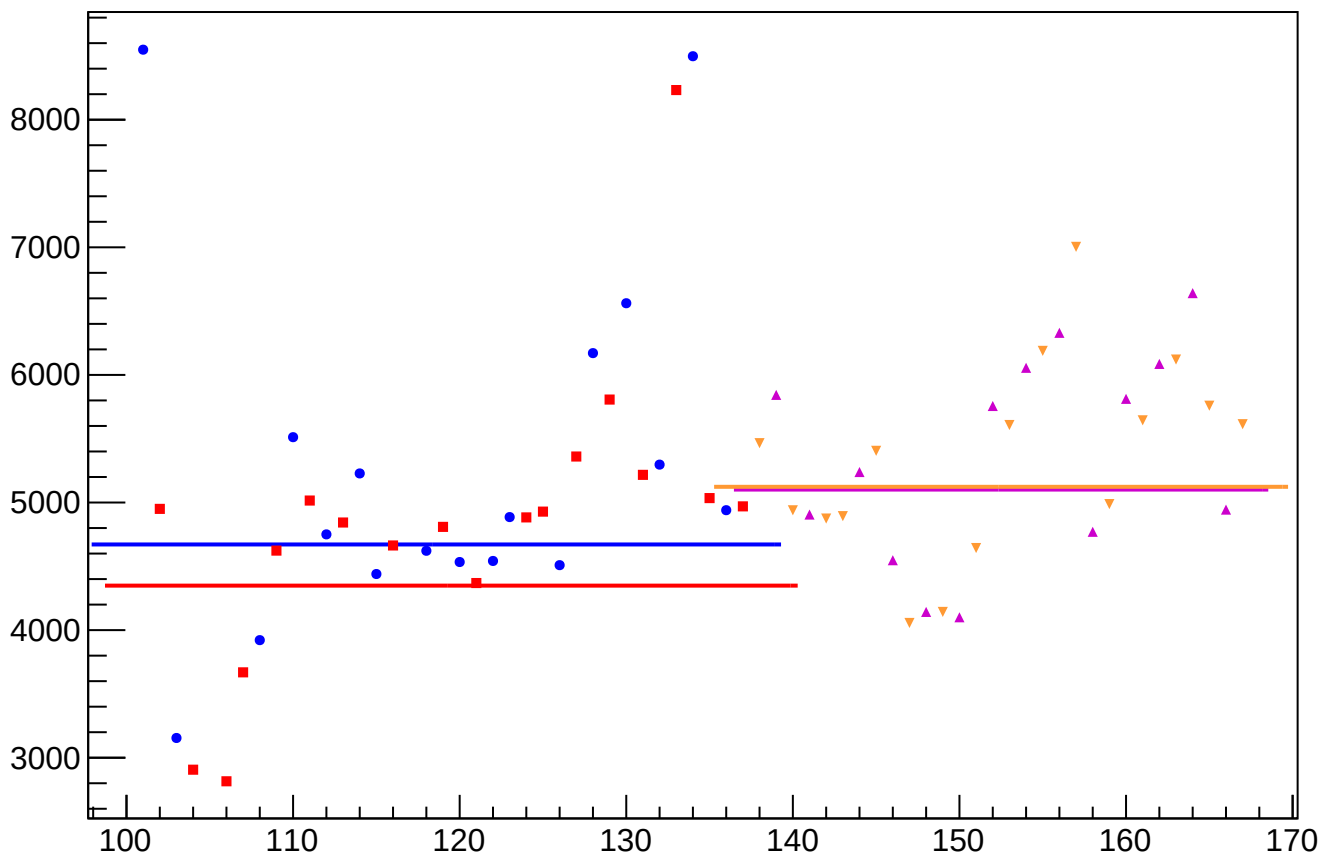
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 2601.912 $\pm$ 1196.909 χ^2 /NDF:28.3/30

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

All: 2526.483 $\pm$ 822.261 χ^2 /NDF: 59.5/64

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5101.484 $\pm$ 1.104 χ^2/NDF : 499503.2/13

Left: 5112.766 $\pm$ 0.764 χ^2/NDF : 982965.9/29

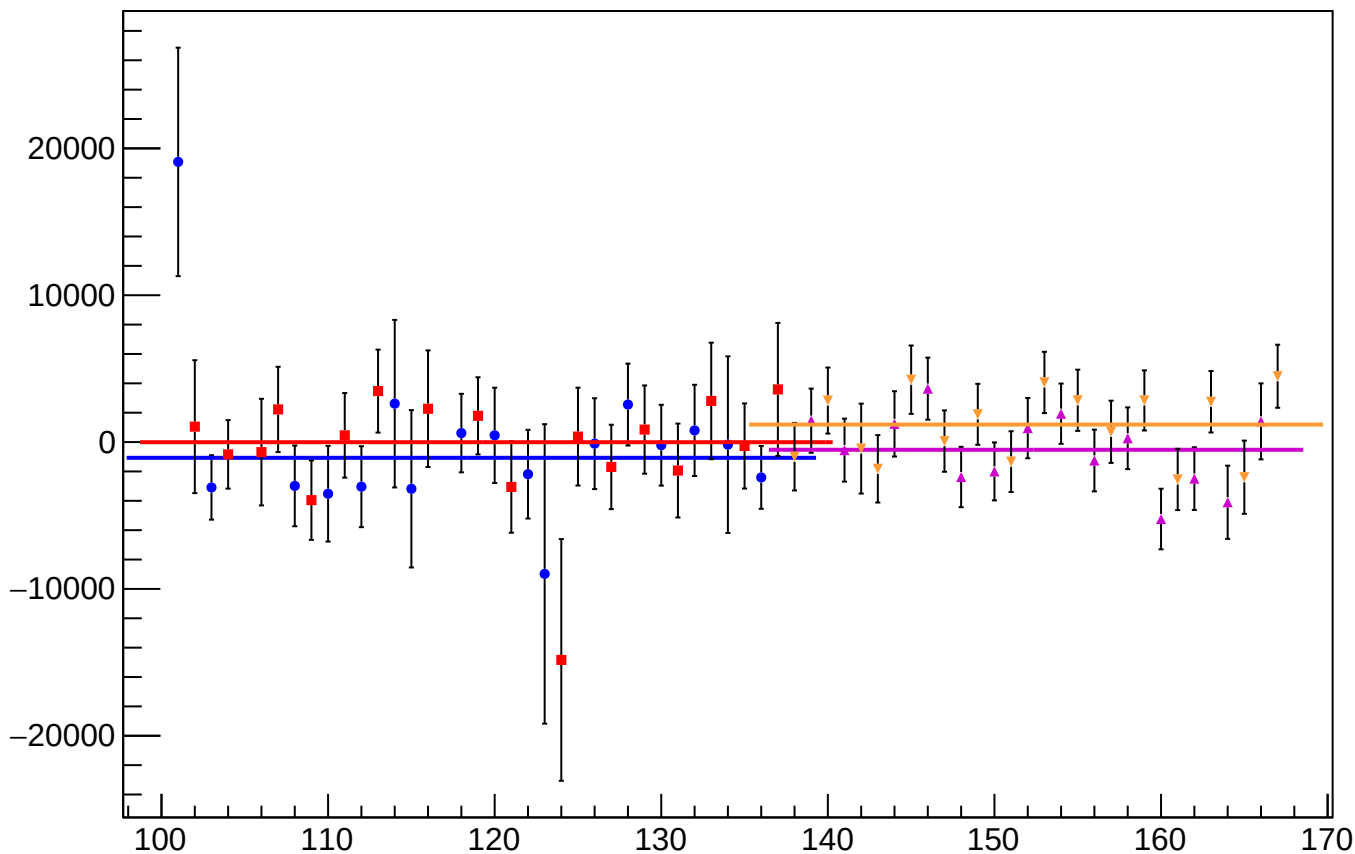
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 4923.942 $\pm$ 0.846 χ^2/NDF : 1348230.8/30

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

All: 4852.338 $\pm$ 0.581 χ^2/NDF : 2868445.9/64

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1191.838 ± 548.851 $\chi^2/\text{NDF}: 18.5/15$

Right Out: -8.910 ± 748.092 $\chi^2/\text{NDF}: 11.4/17$

Left In: -523.994 ± 573.568 $\chi^2/\text{NDF}: 17.6/13$

Left: 371.688 ± 396.546 $\chi^2/\text{NDF}: 40.7/29$

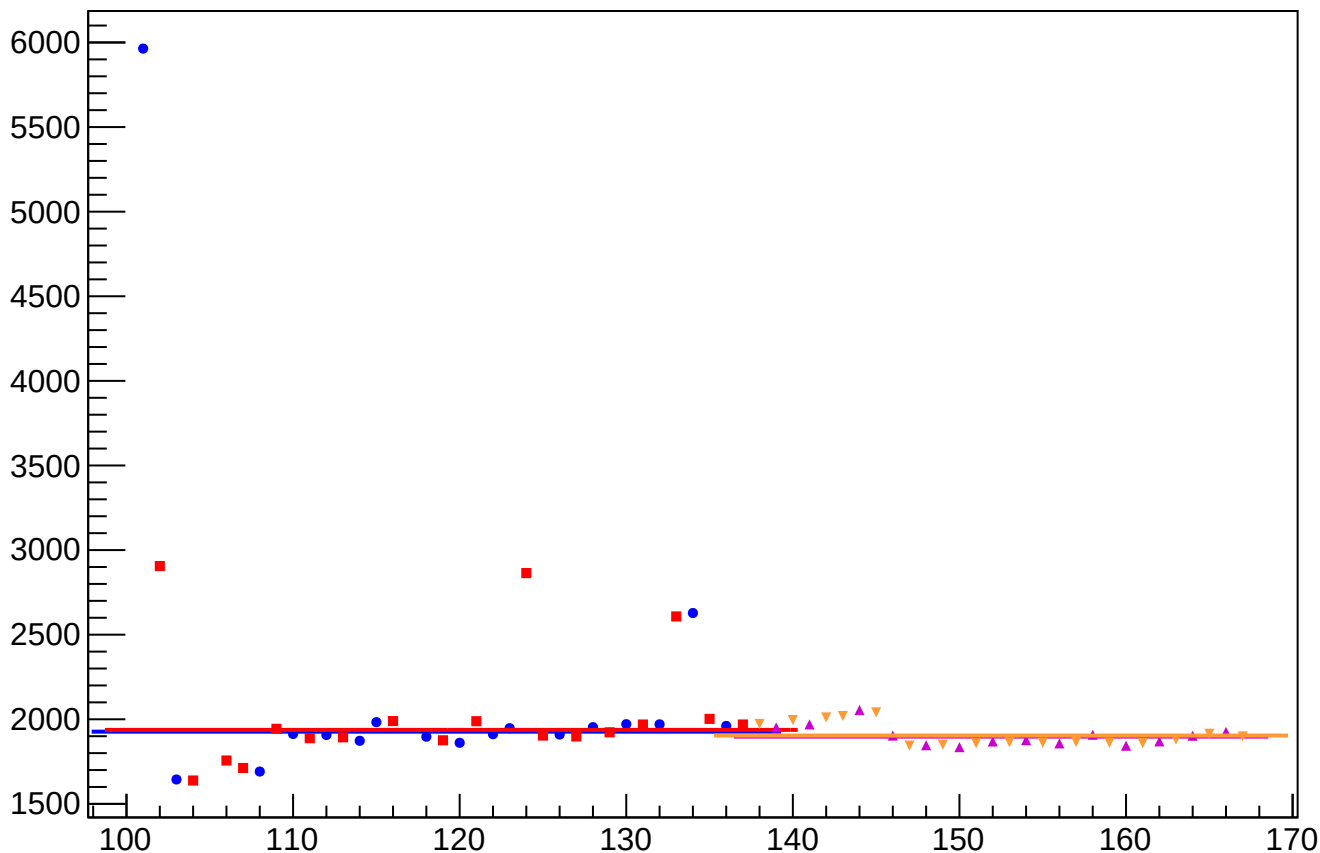
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -721.598 ± 458.467 $\chi^2/\text{NDF}: 31.6/30$

Out: 771.674 ± 442.526 $\chi^2/\text{NDF}: 31.6/33$

All: 51.451 ± 318.400 $\chi^2/\text{NDF}: 68.7/64$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1897.637+/-0.406 χ^2/NDF : 20045.5/13

Left: 1900.966+/-0.280 χ^2/NDF : 47953.0/29

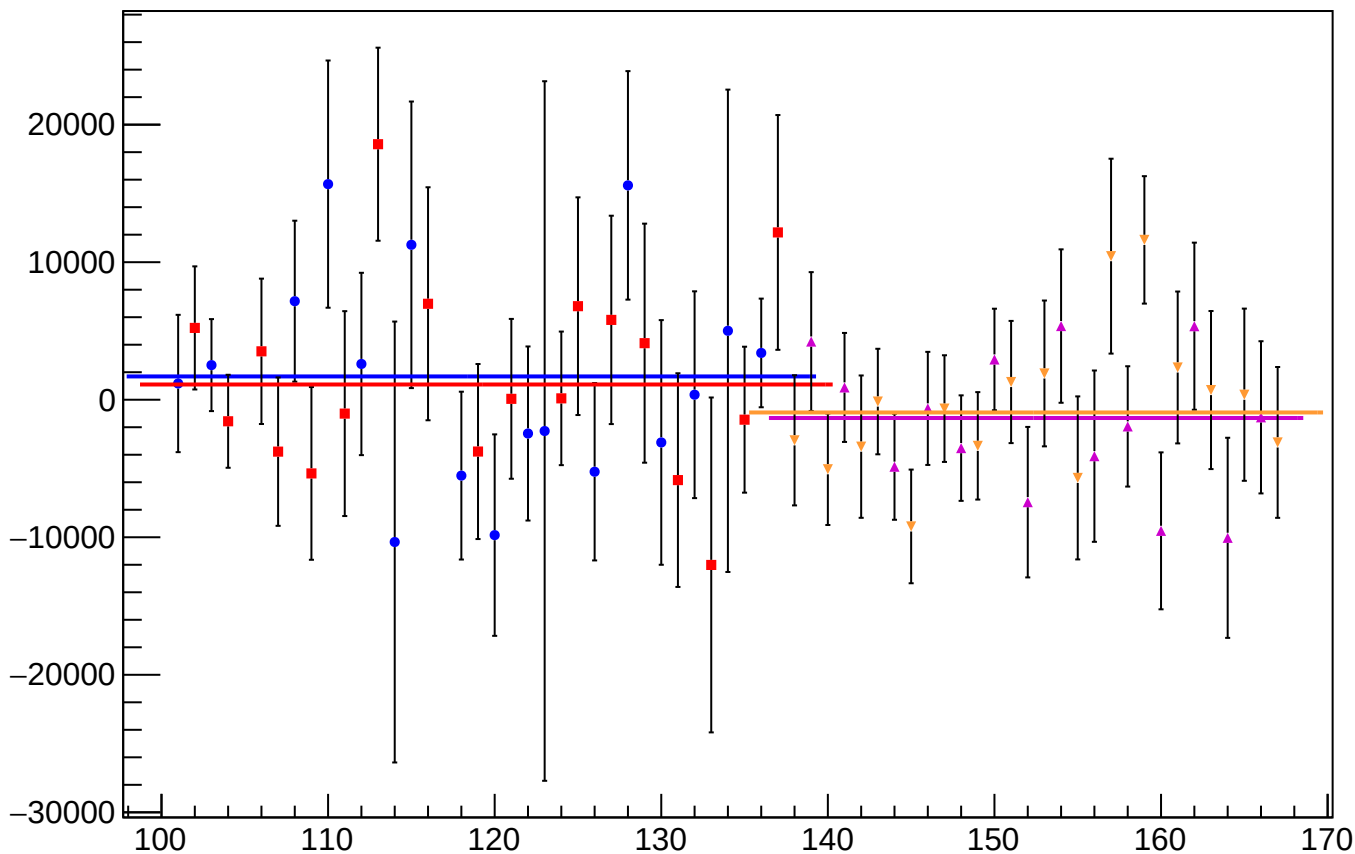
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1908.200+/-0.324 χ^2/NDF : 639040.2/30

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

All: 1912.066+/-0.225 χ^2/NDF : 898746.2/64

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -1329.221 $\pm$ 1266.382 χ^2 /NDF: 11.7/13

Left: -1115.496 $\pm$ 867.756 χ^2 /NDF: 29.3/29

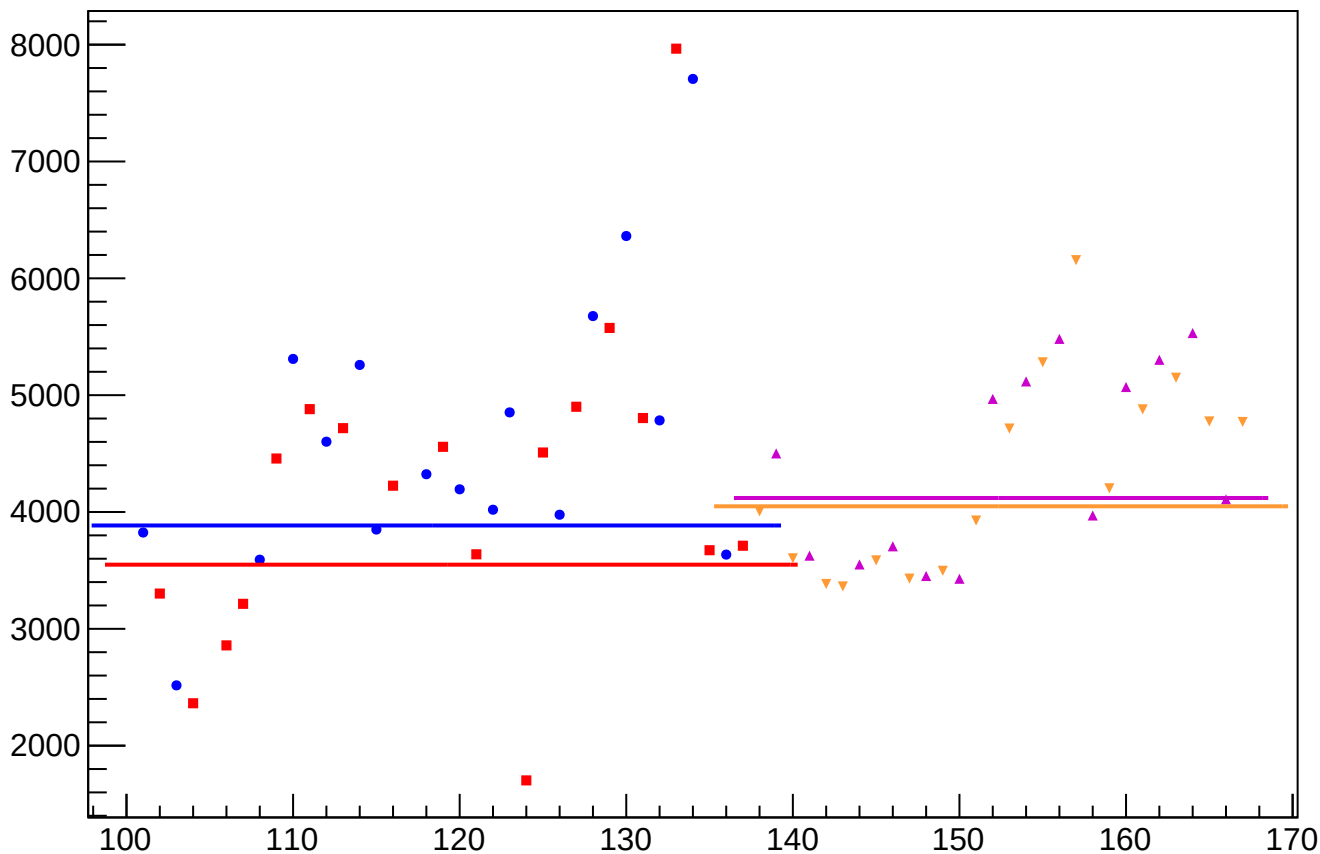
Right: 1373.479 $\pm$ 1044.694 χ^2 /NDF: 29.6/34

In: -120.832 $\pm$ 981.175 χ^2 /NDF: 27.6/30

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

All: -99.331 $\pm$ 667.515 χ^2 /NDF: 62.3/64

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4119.880+/-0.895 χ^2/NDF : 653434.4/13

Left: 4082.101+/-0.614 χ^2/NDF : 1372651.5/29

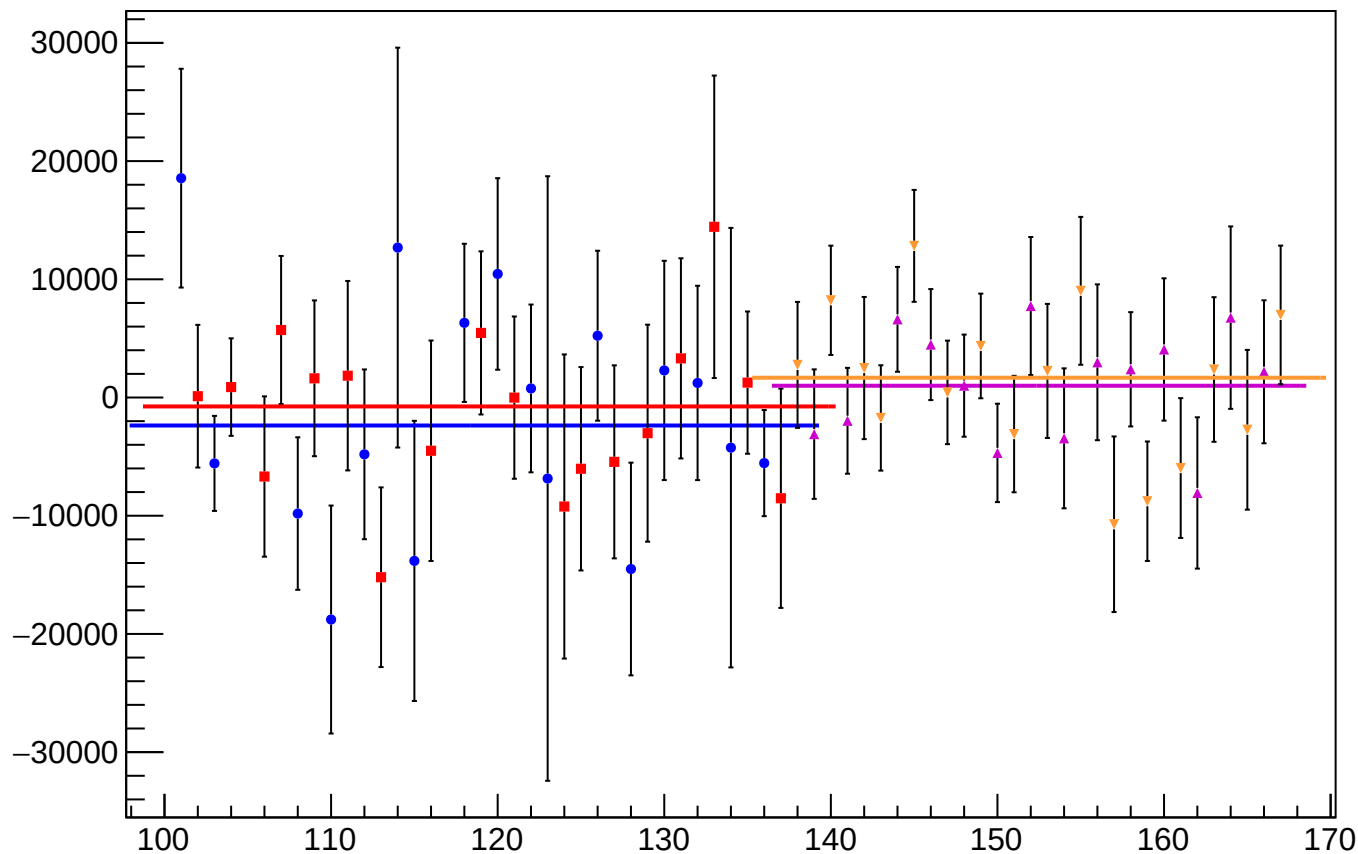
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 4025.838+/-0.694 χ^2/NDF : 1507591.4/30

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

All: 3926.570+/-0.472 χ^2/NDF : 3734639.8/64

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 996.238 $\pm$ 1399.557 χ^2/NDF : 10.0/13

Left: 1353.294 $\pm$ 962.323 χ^2/NDF : 31.0/29

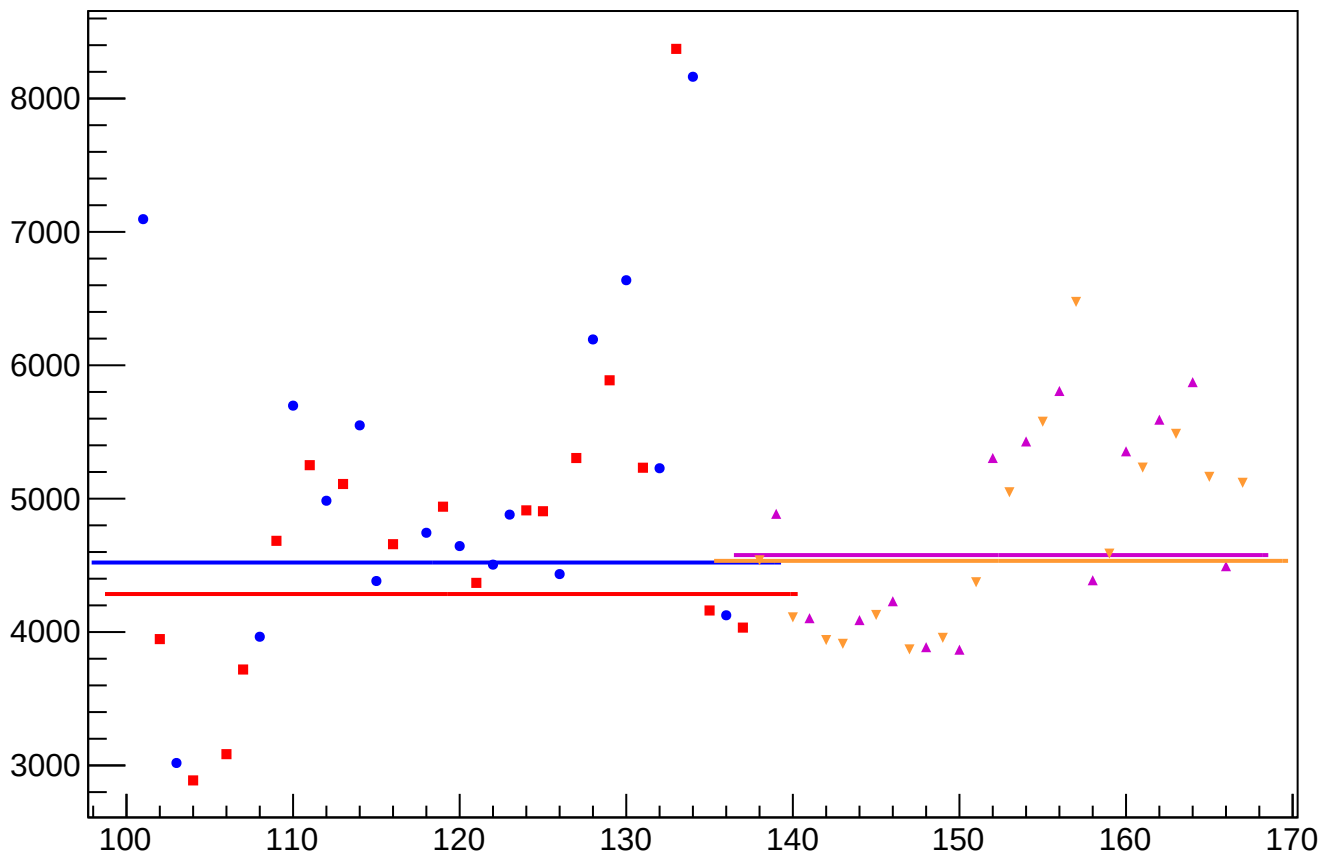
Right: -1511.498 $\pm$ 1233.889 χ^2/NDF : 31.1/34

In: -269.439 $\pm$ 1105.324 χ^2/NDF : 32.3/30

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

All: 269.800 $\pm$ 758.827 χ^2/NDF : 65.4/64

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4577.049+/-0.990 χ^2/NDF : 458635.3/13

Left: 4554.214+/-0.680 χ^2/NDF : 954366.8/29

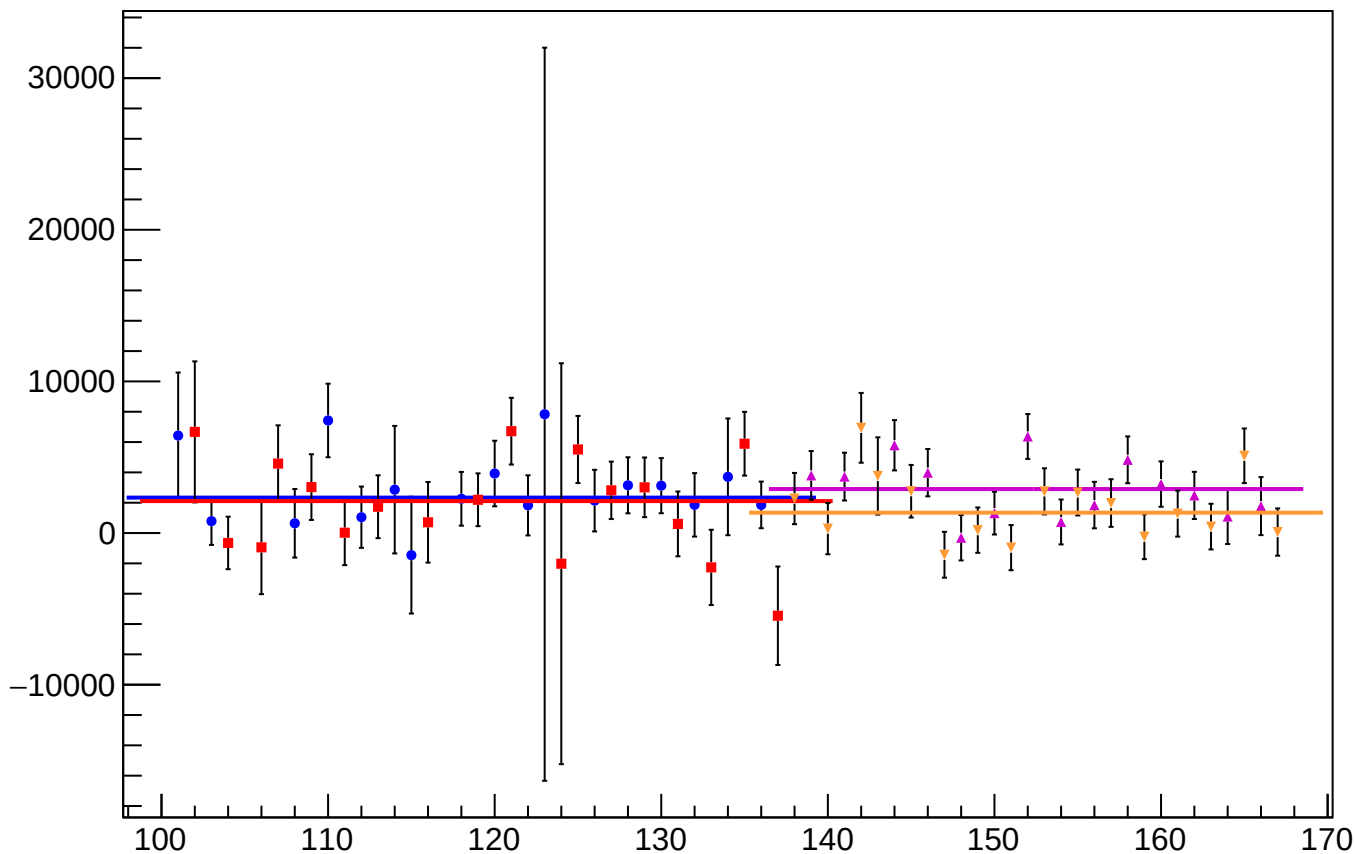
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4556.046+/-0.782 χ^2/NDF : 1238507.4/30

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

All: 4493.830+/-0.536 χ^2/NDF : 2518527.1/64

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2902.662 $\pm$ 418.398 χ^2 /NDF:21.1/13

Left: 2102.565 $\pm$ 291.741 χ^2 /NDF: 51.1/29

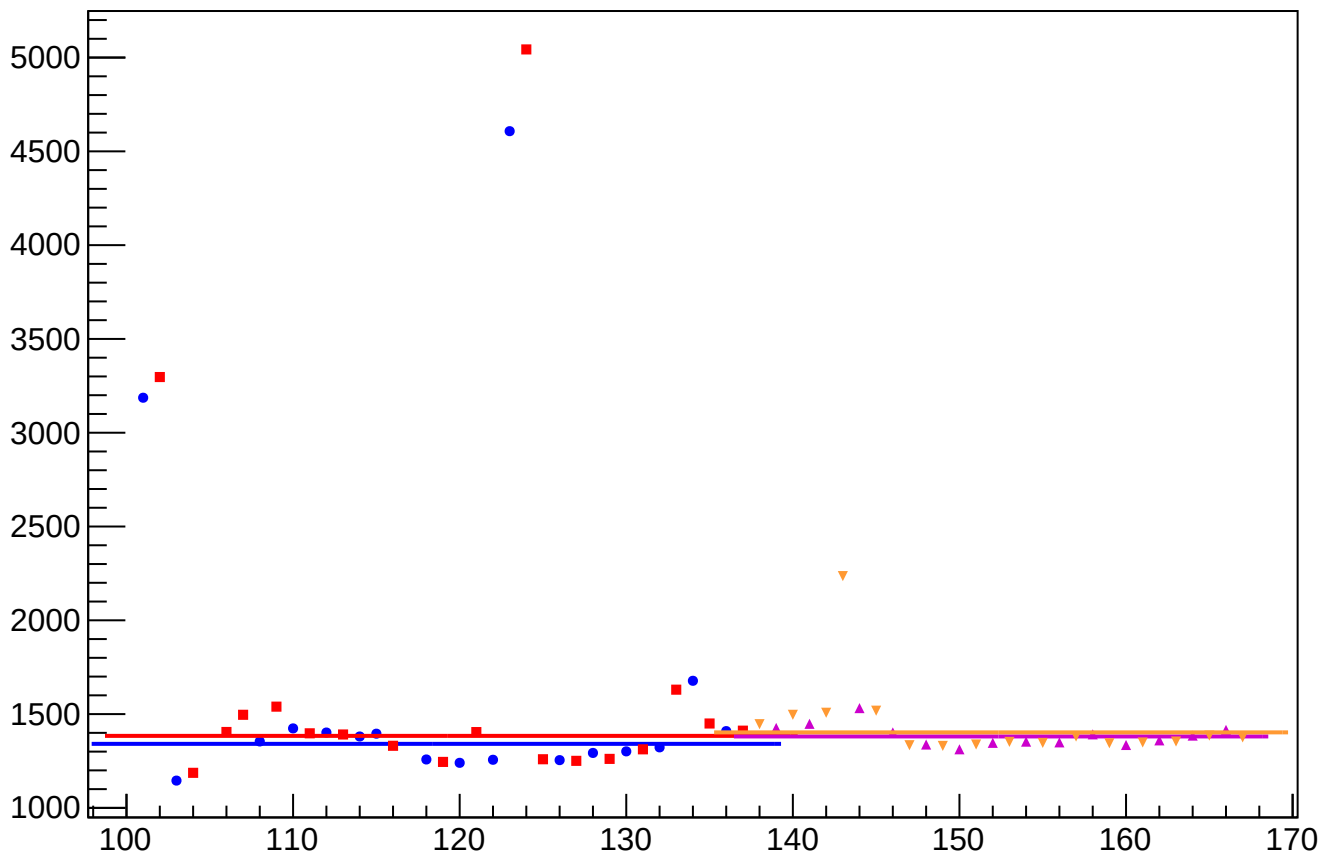
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2686.047 $\pm$ 328.669 χ^2 /NDF:31.5/30

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

All: 2147.768 $\pm$ 231.074 χ^2 /NDF: 87.2/64

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1380.859+/-0.296 χ^2/NDF : 34204.4/13

Left: 1392.017+/-0.206 χ^2/NDF : 297484.5/29

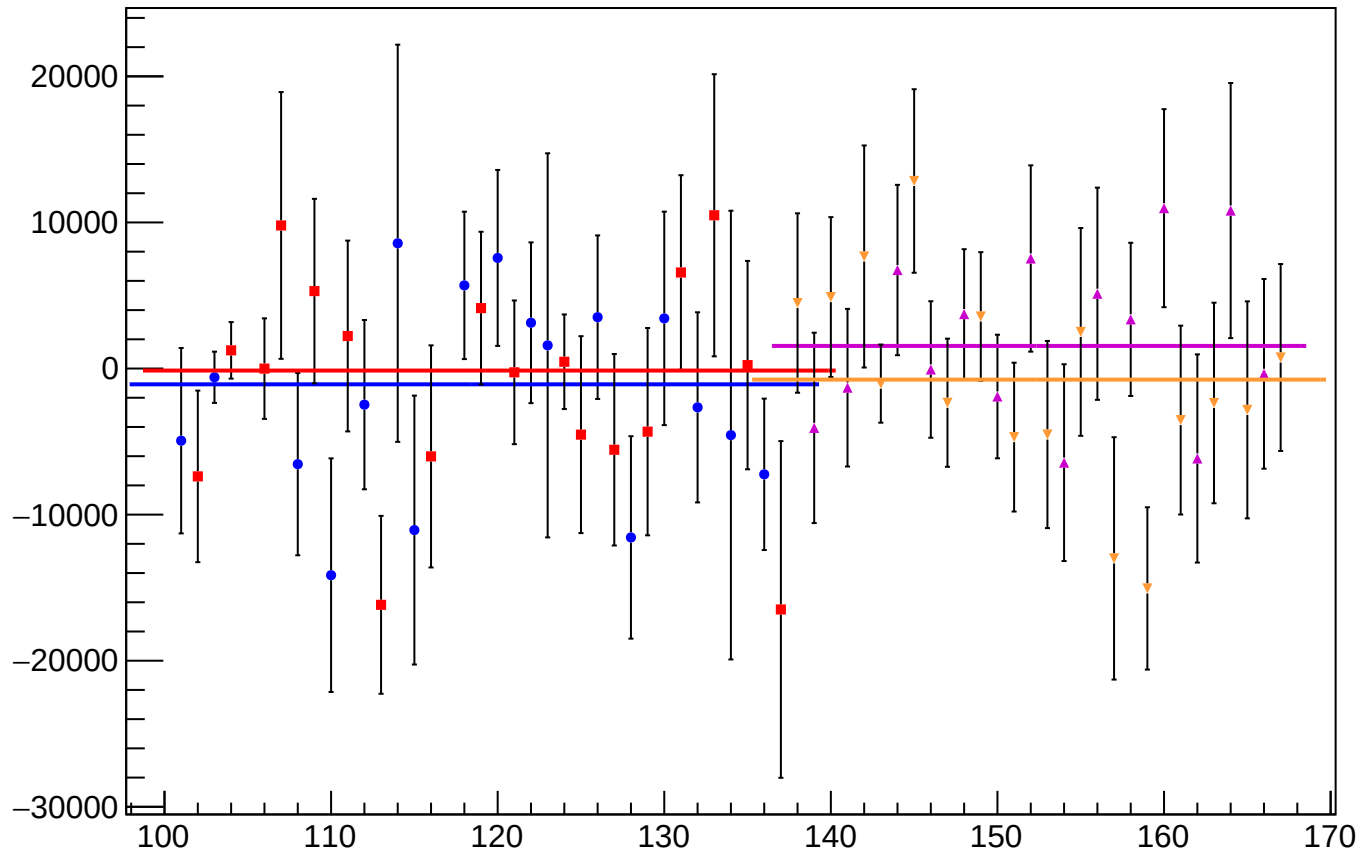
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1365.739+/-0.232 χ^2/NDF : 545297.2/30

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

All: 1380.946+/-0.163 χ^2/NDF : 1409645.5/64

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

Left In: 1547.719 ± 1543.191 $\chi^2/\text{NDF}: 9.8/13$

Left: 226.427 ± 1008.530 $\chi^2/\text{NDF}: 30.2/29$

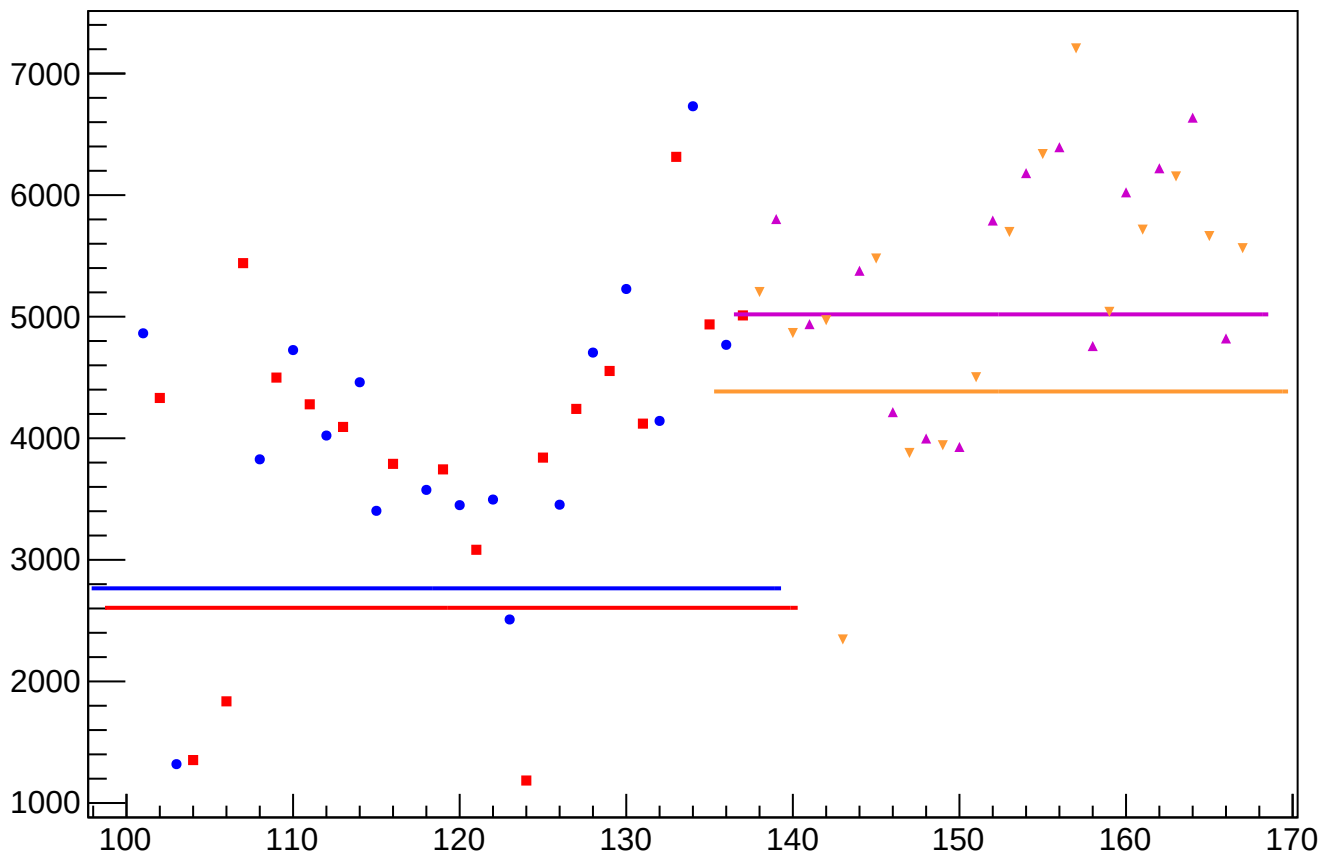
Right: -576.559 ± 826.355 $\chi^2/\text{NDF}: 33.3/34$

In: -77.761 ± 953.356 $\chi^2/\text{NDF}: 26.6/30$

Out: -397.940 ± 861.514 $\chi^2/\text{NDF}: 37.3/33$

All: -254.012 ± 639.192 $\chi^2/\text{NDF}: 63.9/64$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 +/- 0.857 χ^2/NDF : 2939083.2/16

Left Out: 4384.932 +/- 0.942 χ^2/NDF : 2173154.9/15

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

Left In: 5019.106 +/- 1.091 χ^2/NDF : 671504.4/13

Left: 4655.793 +/- 0.713 χ^2/NDF : 3038158.7/29

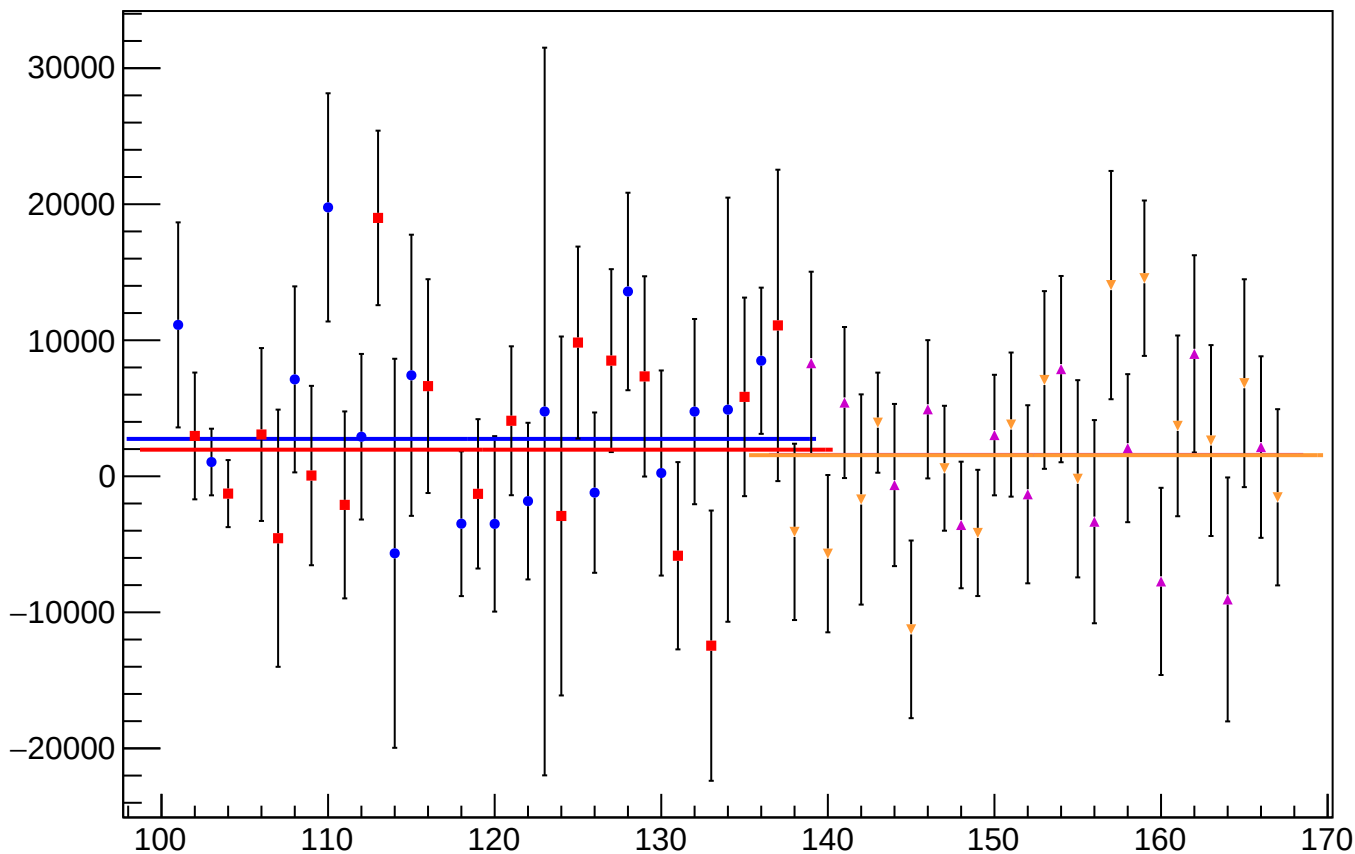
Right: 2679.956 +/- 0.584 χ^2/NDF : 6280117.2/34

In: 3625.746 +/- 0.674 χ^2/NDF : 6247443.6/30

Out: 3349.393 +/- 0.609 χ^2/NDF : 7571197.3/33

All: 3473.620 +/- 0.452 χ^2/NDF : 13911150.1/6

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1570.793+/-1601.290 χ^2/NDF : 9.2/13

Left: 1560.988+/-1079.210 χ^2/NDF : 26.7/29

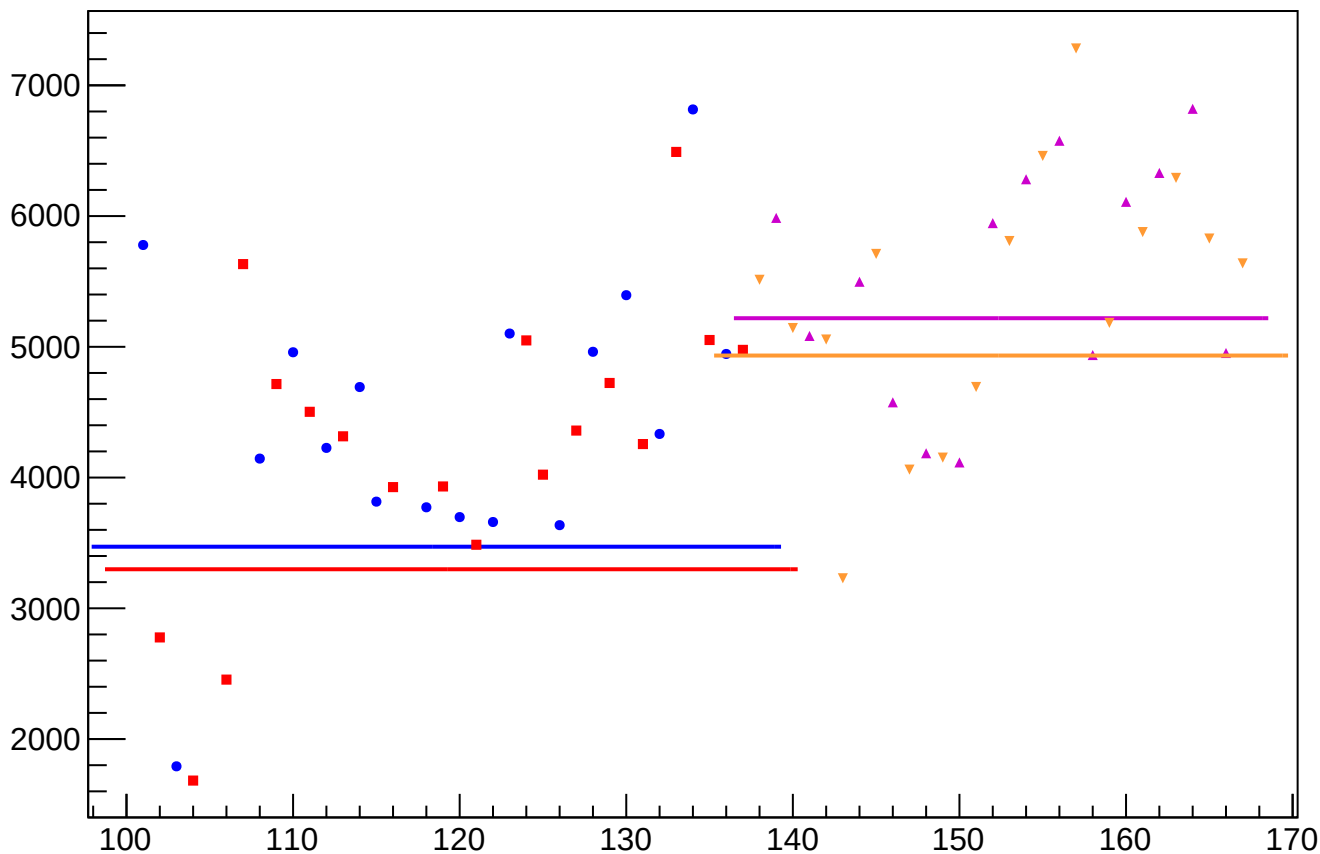
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2219.128+/-1073.450 χ^2/NDF : 23.2/30

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

All: 1977.194+/-733.576 χ^2/NDF : 58.7/64

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5218.757+/-1.132 χ^2/NDF : 578015.3/13

Left: 5062.959+/-0.763 χ^2/NDF : 1673813.0/29

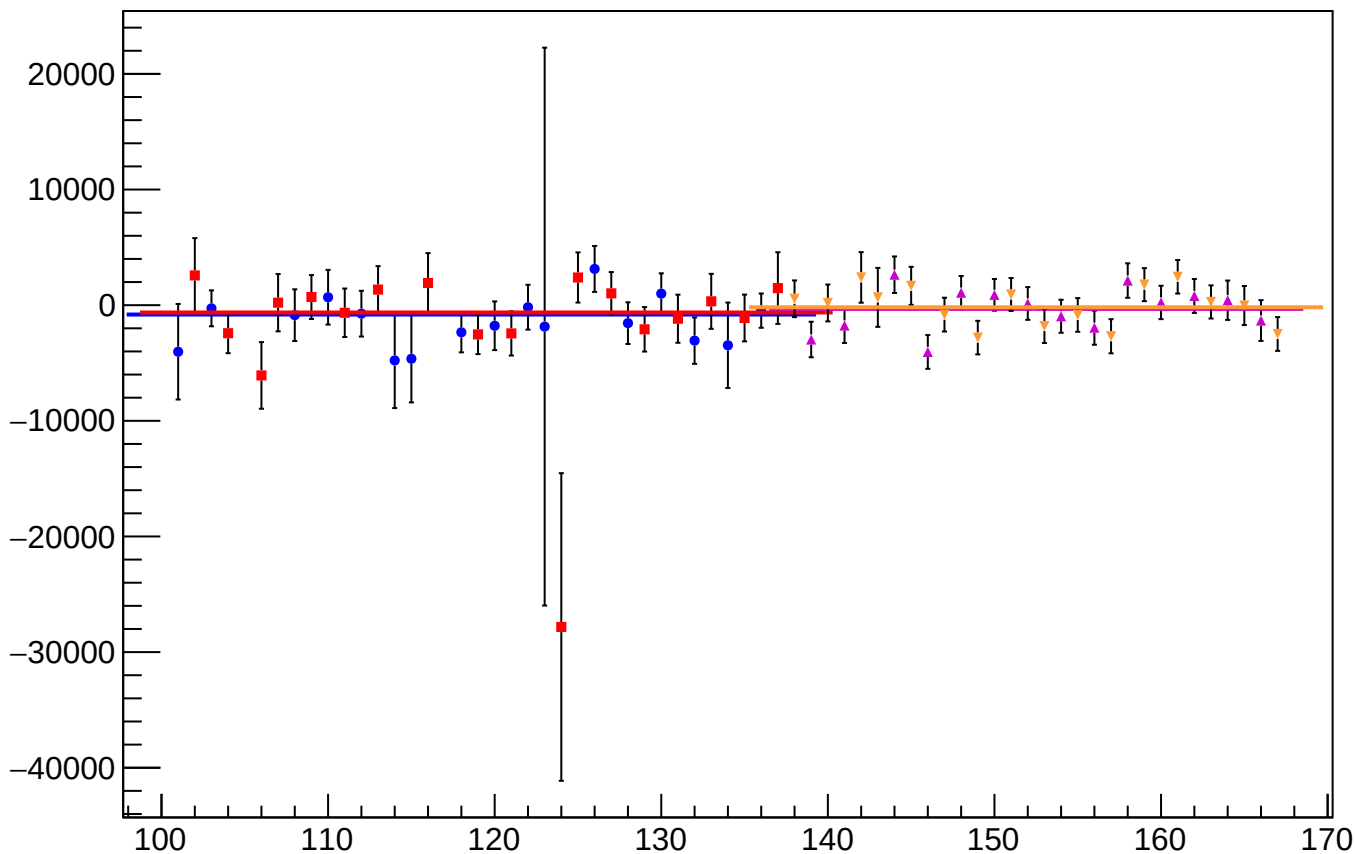
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4256.489+/-0.759 χ^2/NDF : 3657591.6/30

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

All: 4153.714+/-0.517 χ^2/NDF : 7969887.6/64

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: -630.651+/-514.931 χ^2/NDF : 18.6/17

Left In: -320.234+/-399.723 χ^2/NDF :21.1/13

Left: -249.432+/-278.615 χ^2/NDF : 40.4/29

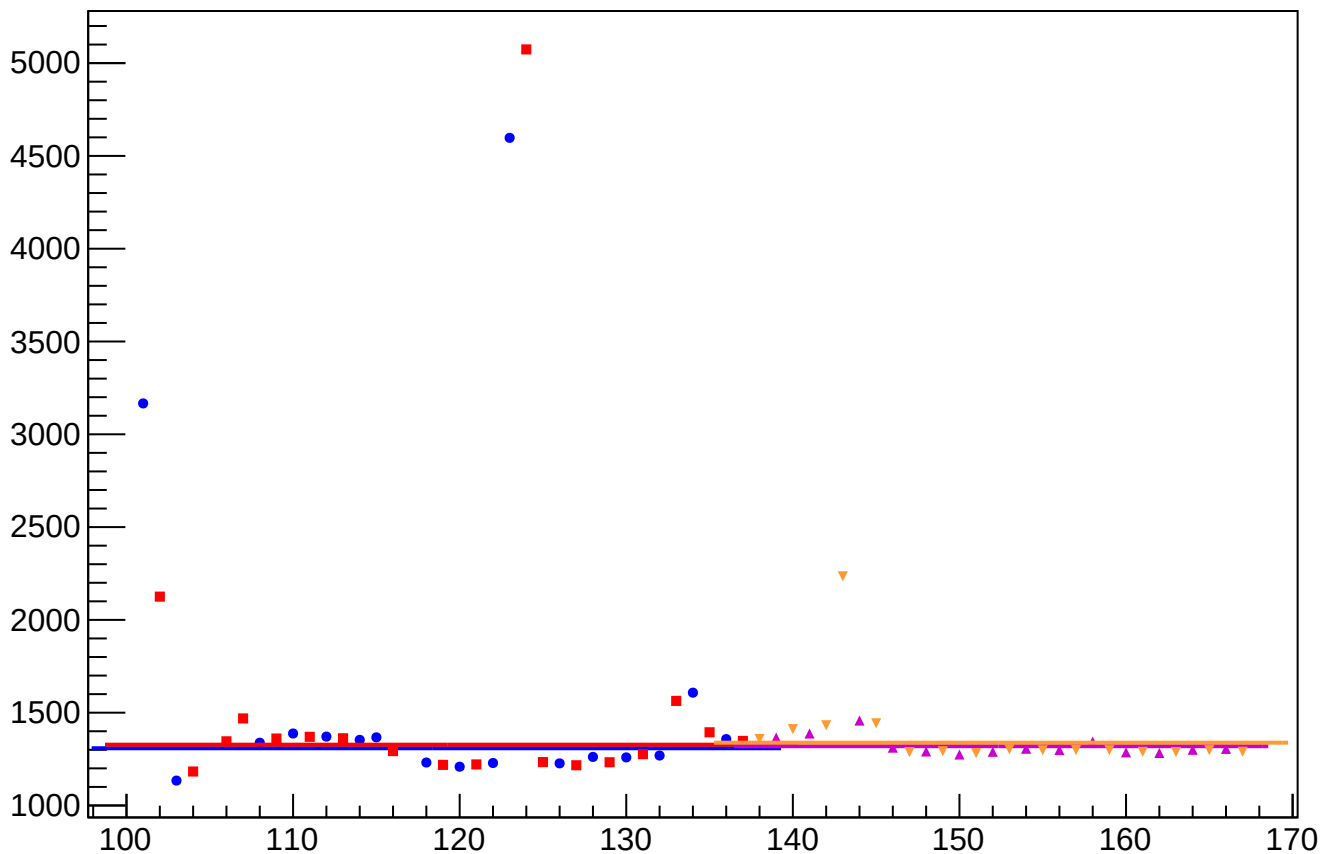
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -502.576+/-316.500 χ^2/NDF :32.8/30

Out: -345.113+/-310.162 χ^2/NDF :38.2/33

All: -422.252+/-221.524 χ^2/NDF : 71.2/64

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1319.462+/-0.283 χ^2/NDF : 28954.7/13

Left: 1329.184+/-0.197 χ^2/NDF : 316591.0/29

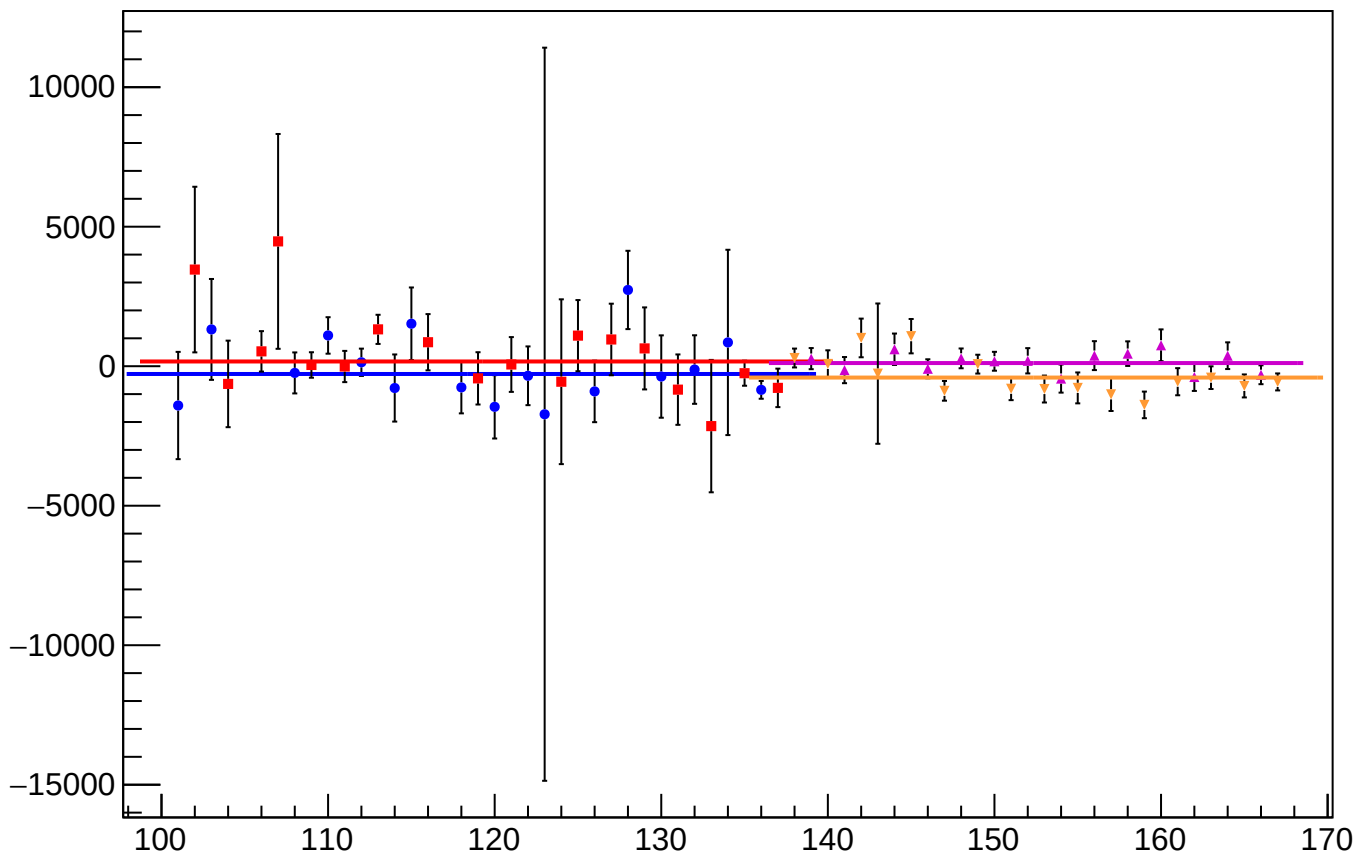
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1315.323+/-0.224 χ^2/NDF : 536074.6/30

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

All: 1325.095+/-0.157 χ^2/NDF : 1183030.8/64

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -407.066+/-110.193 χ^2/NDF : 27.4/15

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

Left In: 113.105+/-113.266 χ^2/NDF : 8.1/13

Left: -154.133+/-78.982 χ^2/NDF : 46.3/29

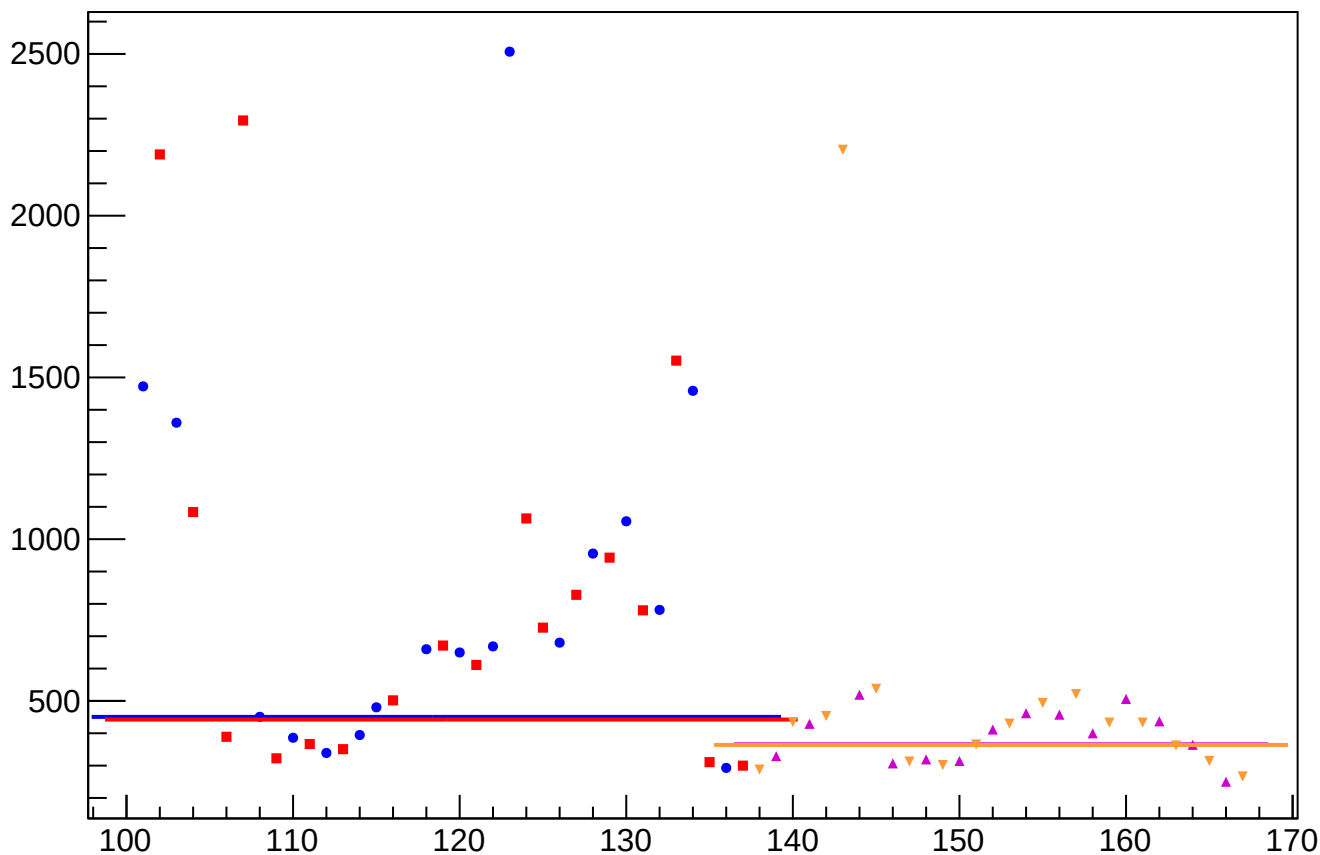
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 16.590+/-98.331 χ^2/NDF : 29.1/30

Out: -264.726+/-95.631 χ^2/NDF : 48.5/33

All: -127.983+/-68.556 χ^2/NDF : 81.8/64

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 365.869 $\pm$ 0.080 χ^2 /NDF: 909775.5/13

Left: 364.899 $\pm$ 0.056 χ^2 /NDF: 3028627.2/29

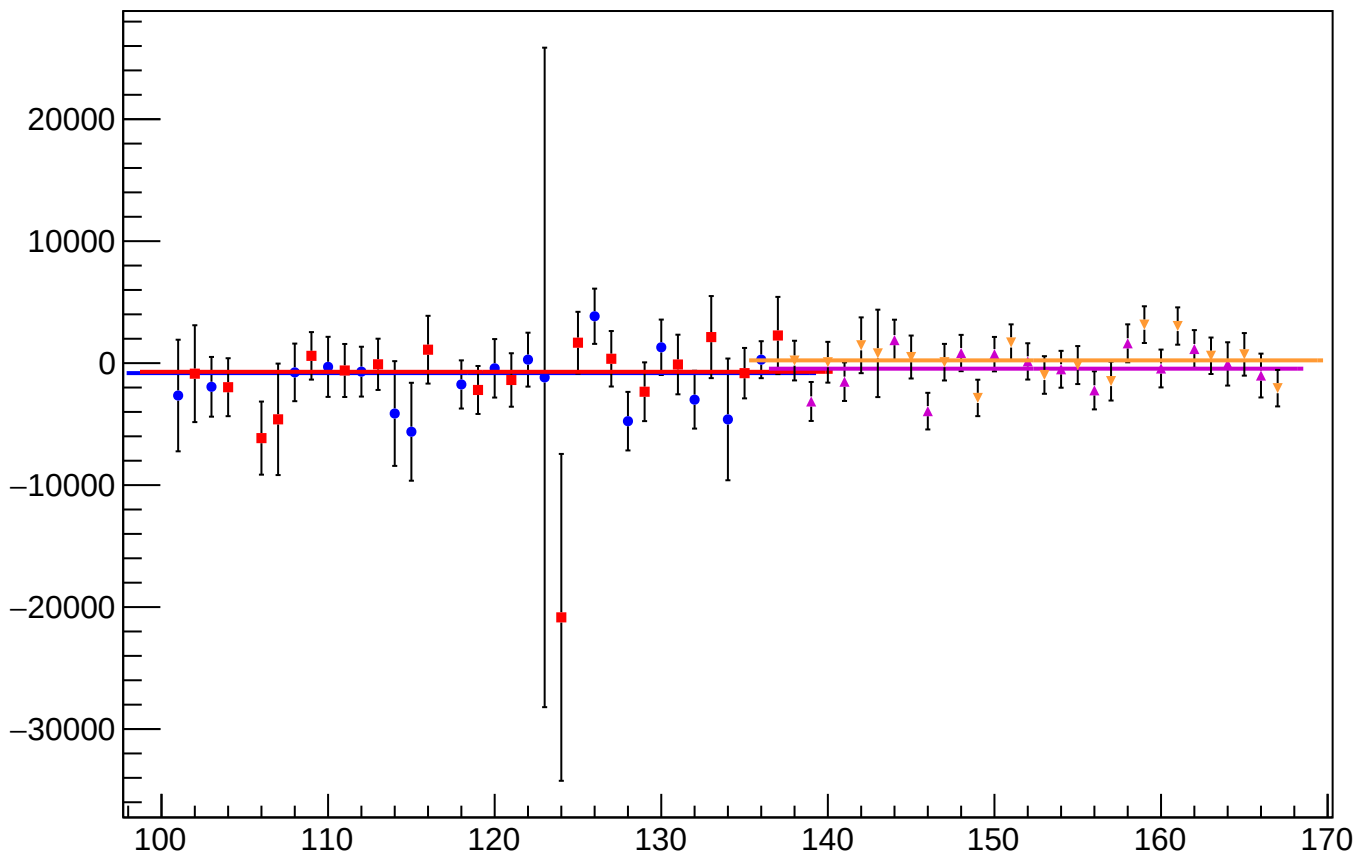
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 386.739 $\pm$ 0.070 χ^2 /NDF: 4183176.6/30

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

All: 384.987 $\pm$ 0.048 χ^2 /NDF: 9921115.8/64

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -454.984+/-418.226 χ^2/NDF : 16.5/13

Left: -105.862+/-292.259 χ^2/NDF : 34.9/29

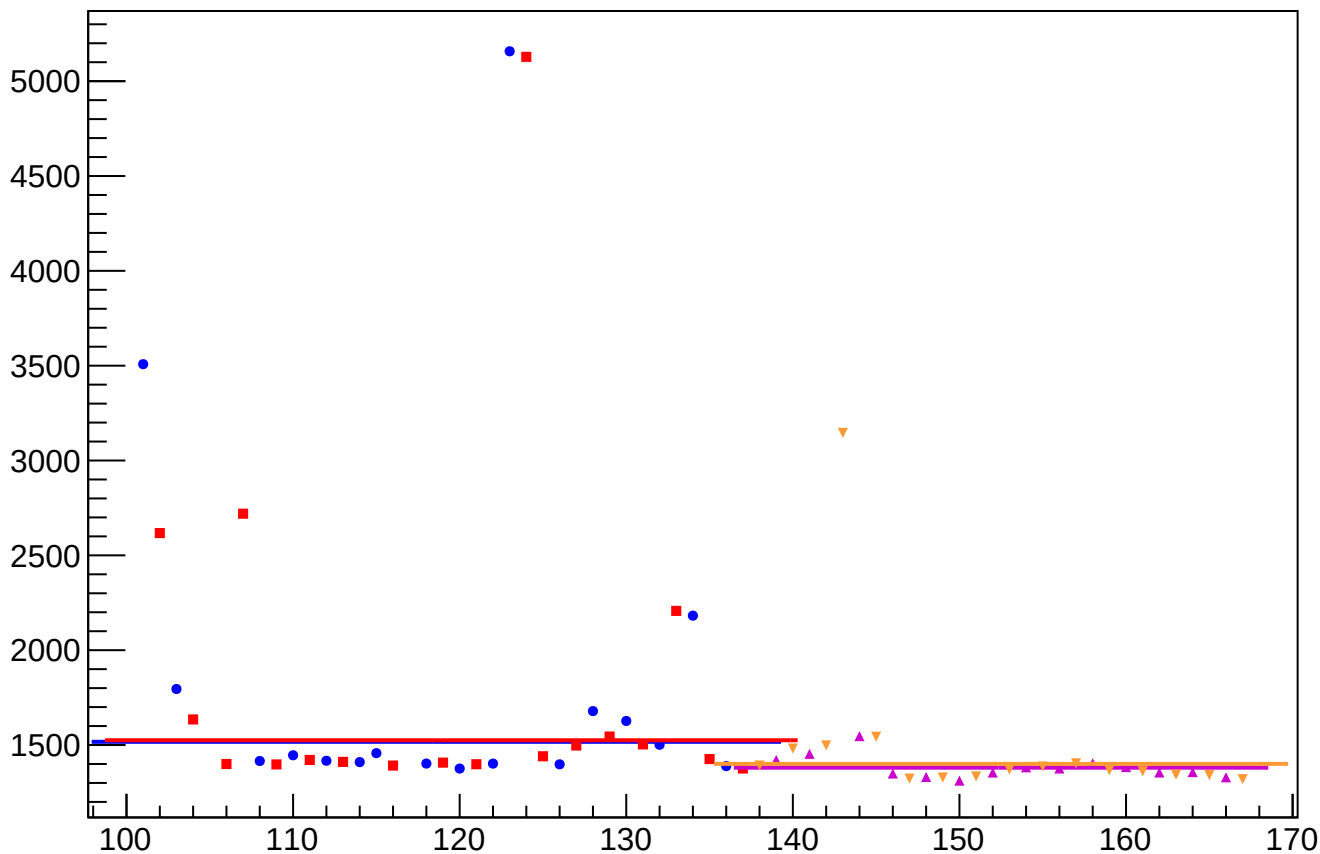
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -573.092+/-343.315 χ^2/NDF : 29.5/30

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

All: -318.148+/-240.498 χ^2/NDF : 60.7/64

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1400.535+/-0.289 χ^2/NDF : 523990.2/15

Right Out: 1525.099+/-0.421 χ^2/NDF : 571929.2/17

Left In: 1380.489+/-0.296 χ^2/NDF : 36510.3/13

Left: 1390.746+/-0.207 χ^2/NDF : 562851.5/29

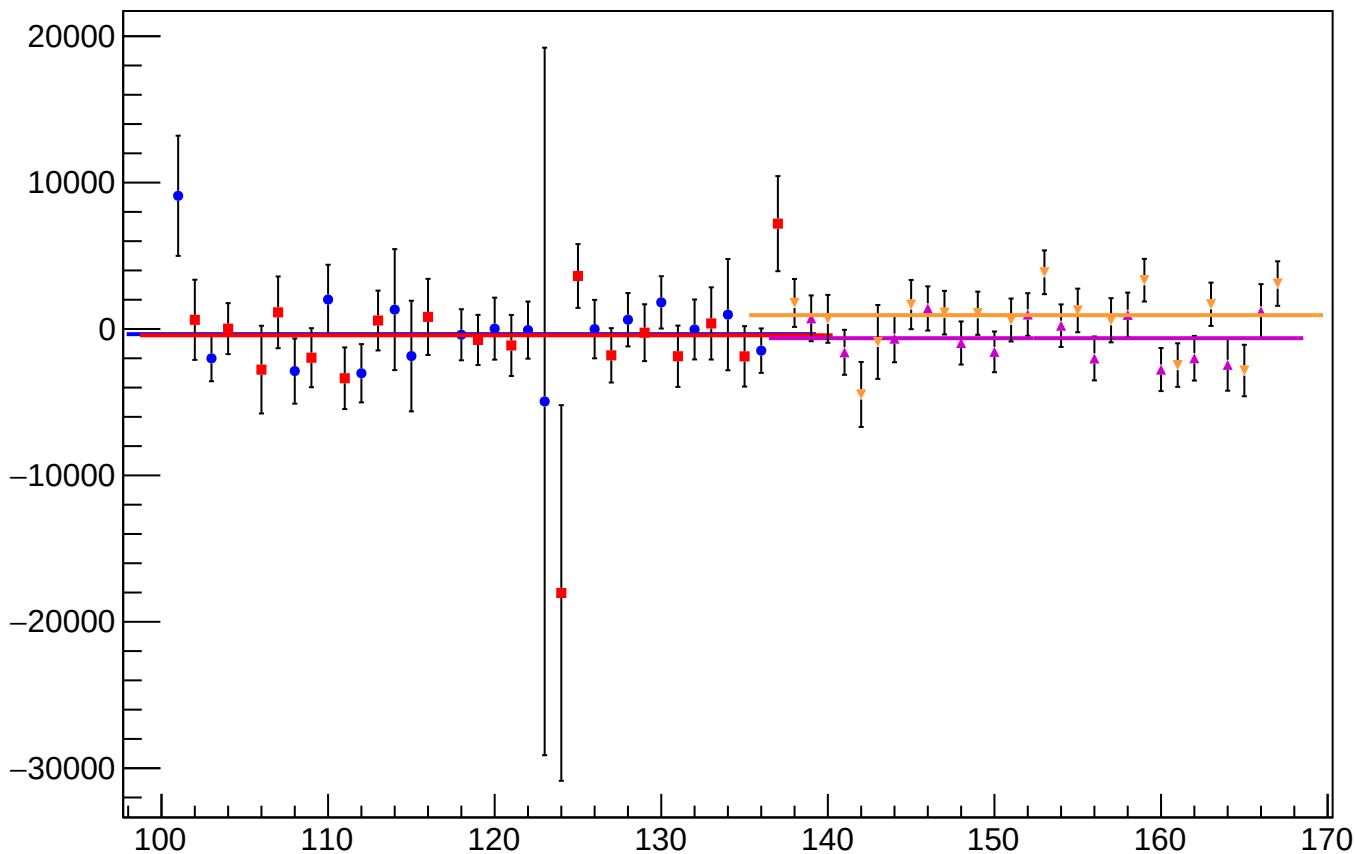
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1424.991+/-0.243 χ^2/NDF : 646980.7/30

Out: 1440.353+/-0.238 χ^2/NDF : 1155343.6/33

All: 1432.815+/-0.170 χ^2/NDF : 1804363.6/64

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: -627.507+/-409.673 χ^2/NDF : 12.0/13

Left: 182.583+/-285.510 χ^2/NDF : 45.4/29

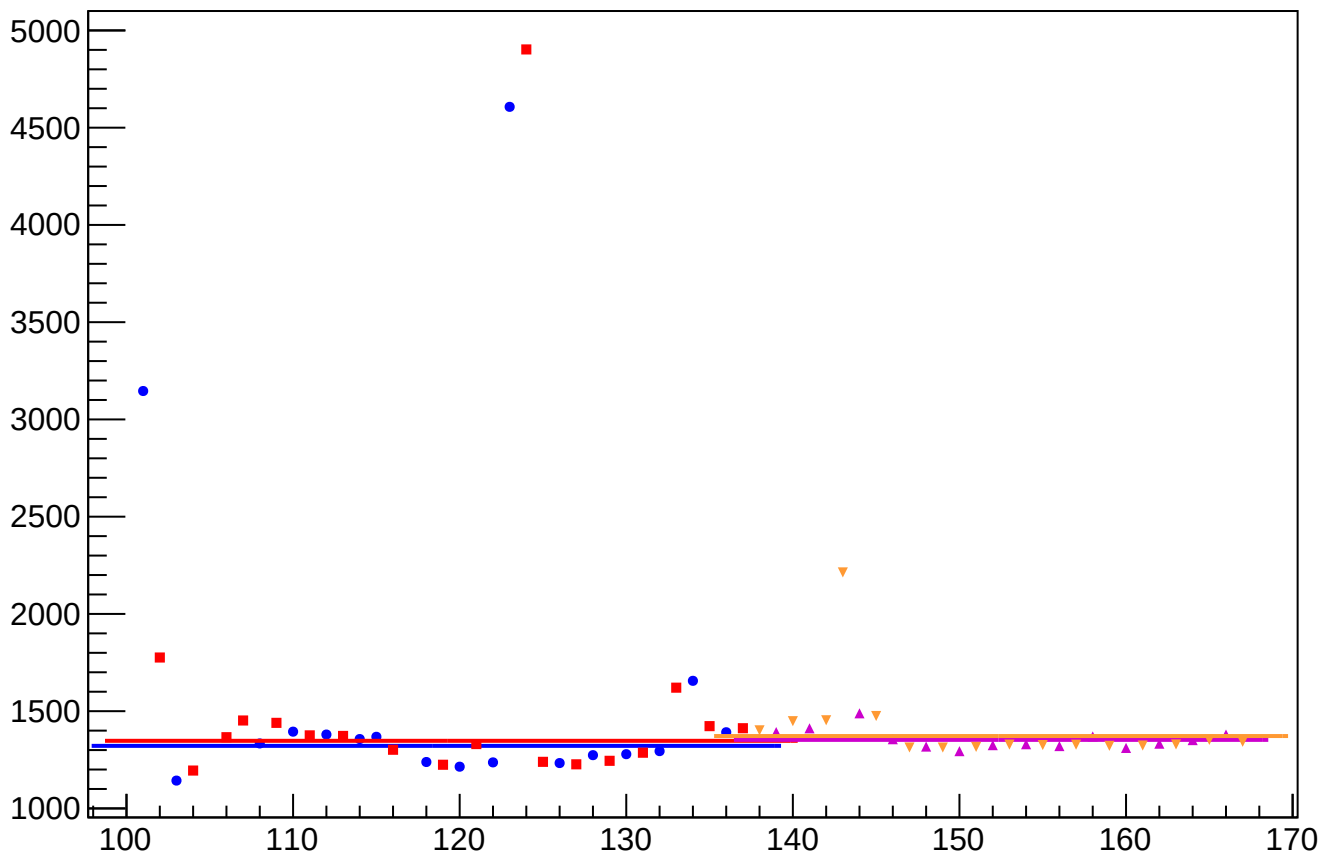
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -523.253+/-322.585 χ^2/NDF : 25.5/30

Out: 441.712+/-316.635 χ^2/NDF : 47.0/33

All: -31.788+/-225.969 χ^2/NDF : 77.1/64

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

Left In: 1352.432+/-0.290 χ^2/NDF : 27938.9/13

Left: 1362.568+/-0.202 χ^2/NDF : 289595.5/29

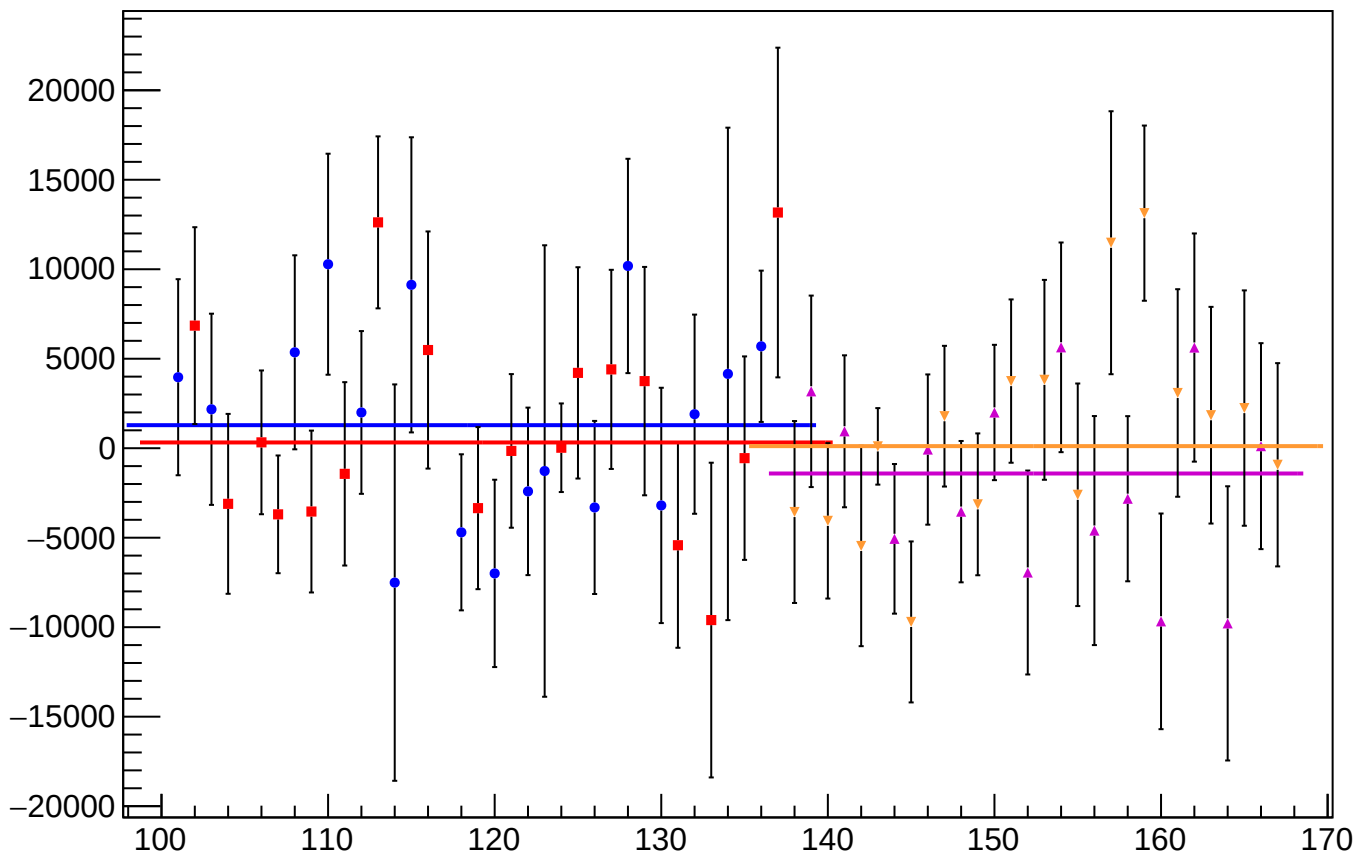
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1340.755+/-0.228 χ^2/NDF : 534460.3/30

Out: 1363.133+/-0.224 χ^2/NDF : 548361.0/33

All: 1352.155+/-0.160 χ^2/NDF : 1087724.1/64

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: 116.636+/-1119.649 χ^2/NDF :19.3/15

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

Left In: -1412.754+/-1325.395 χ^2/NDF :10.1/13

Left: -520.269+/-855.310 χ^2/NDF : 30.2/29

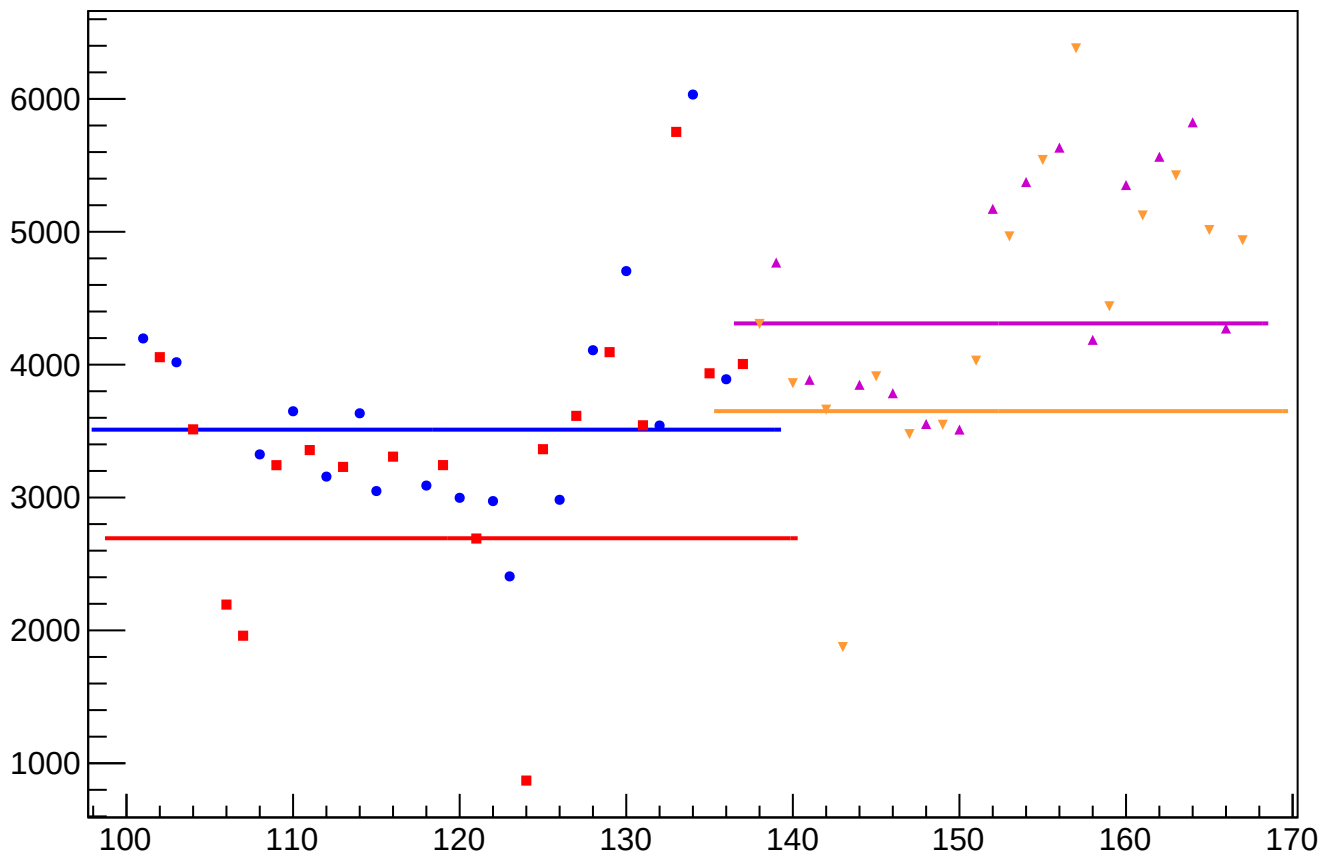
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: -113.051+/-954.536 χ^2/NDF :26.4/30

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

All: 85.502+/-607.082 χ^2/NDF : 63.3/64

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

Left In: 4310.570 $\pm$ 0.937 χ^2 /NDF: 667388.5/13

Left: 3925.198 $\pm$ 0.605 χ^2 /NDF: 3514679.3/29

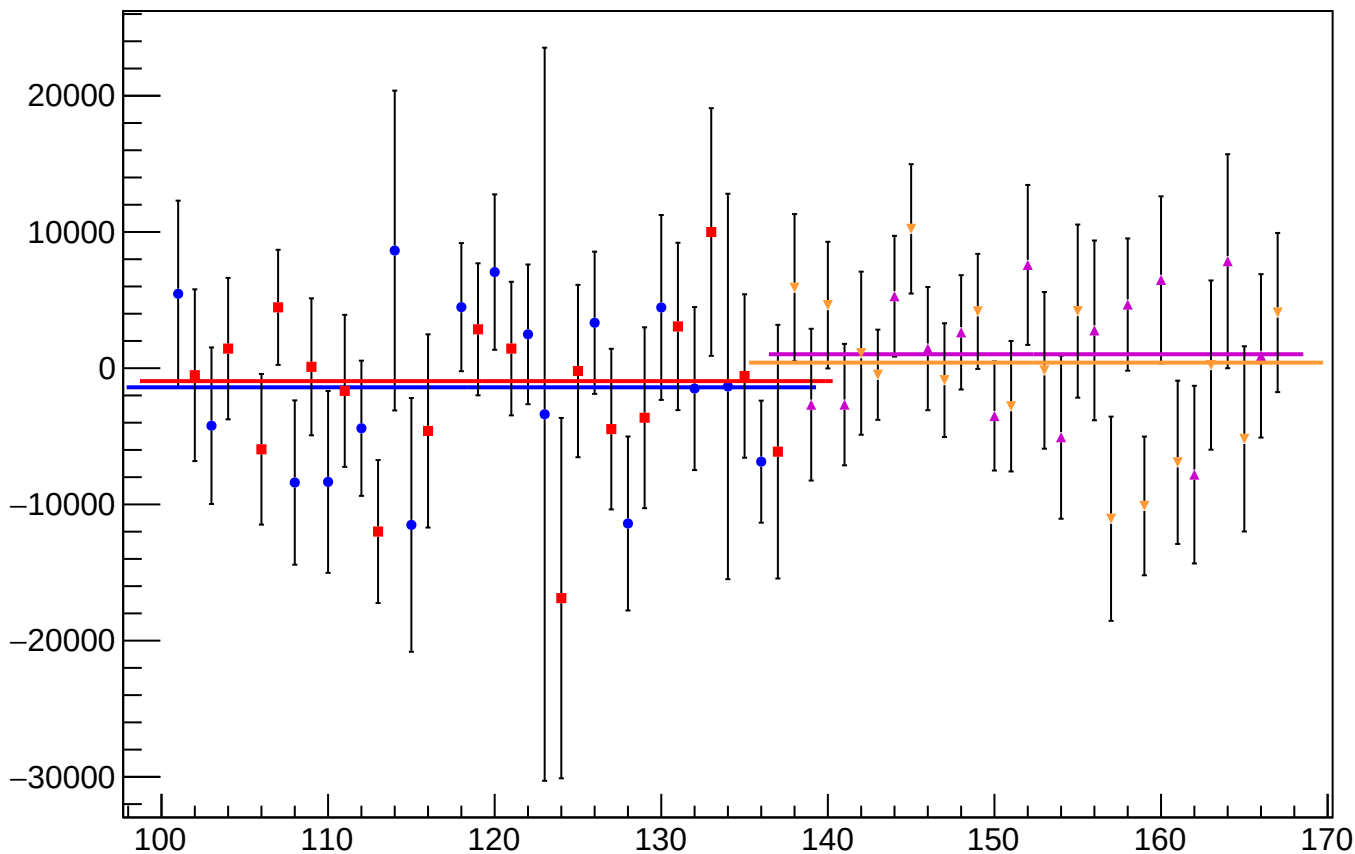
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3925.618 $\pm$ 0.675 χ^2 /NDF: 1361961.2/30

Out: 3165.795 $\pm$ 0.556 χ^2 /NDF: 5422701.2/33

All: 3473.138 $\pm$ 0.429 χ^2 /NDF: 7539333.5/64

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

Left In: 1025.530+/-1389.608 χ^2/NDF : 9.8/13

Left: 690.110+/-938.682 χ^2/NDF : 27.0/29

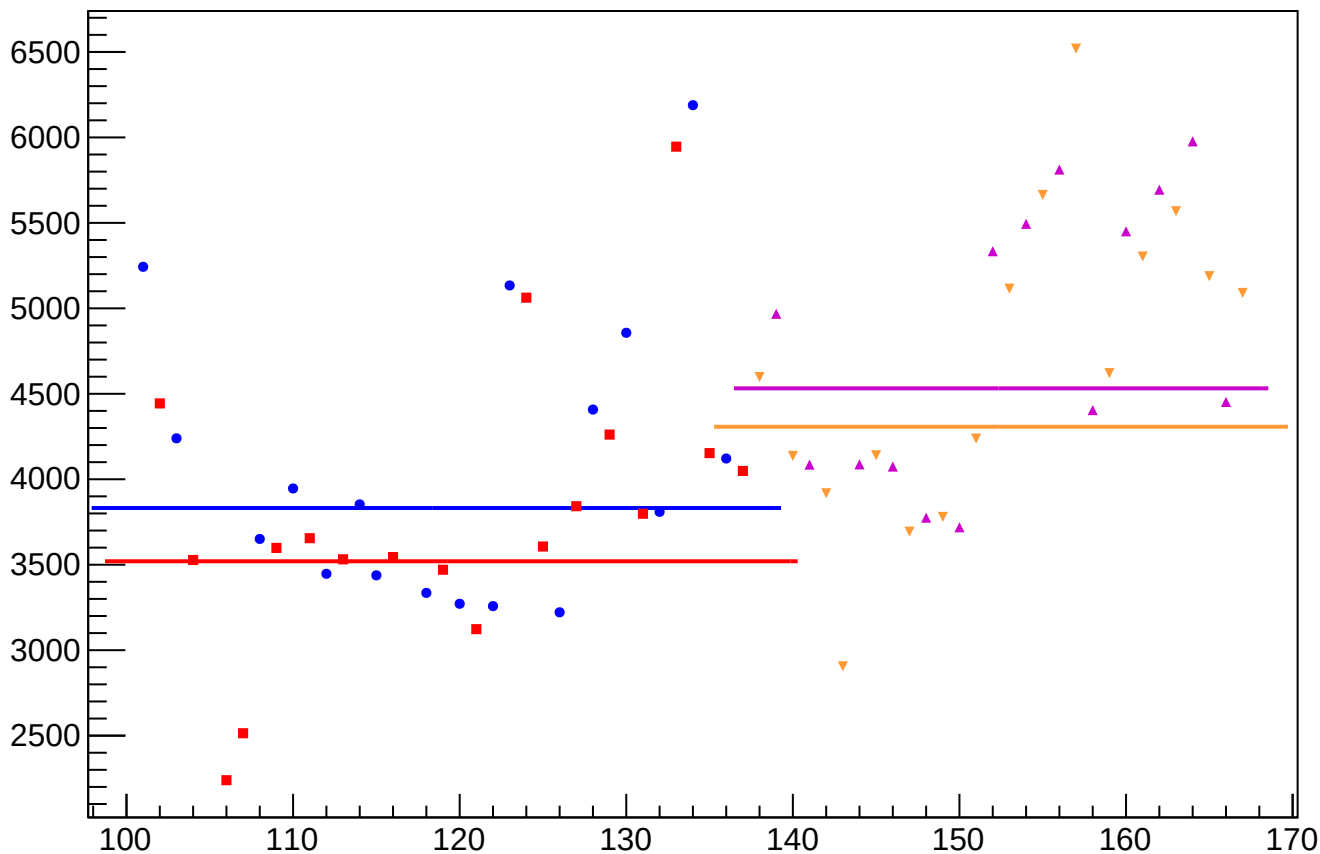
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -92.042+/-1020.696 χ^2/NDF : 27.0/30

Out: -213.749+/-936.547 χ^2/NDF : 30.1/33

All: -158.118+/-690.073 χ^2/NDF : 57.1/64

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4307.228 $\pm$ 0.900 χ^2 /NDF: 972229.4/15

Right Out: 3520.188 $\pm$ 0.969 χ^2 /NDF: 544143.8/17

Left In: 4531.900 $\pm$ 0.983 χ^2 /NDF: 562419.4/13

Left: 4409.747 $\pm$ 0.664 χ^2 /NDF: 1563073.8/29

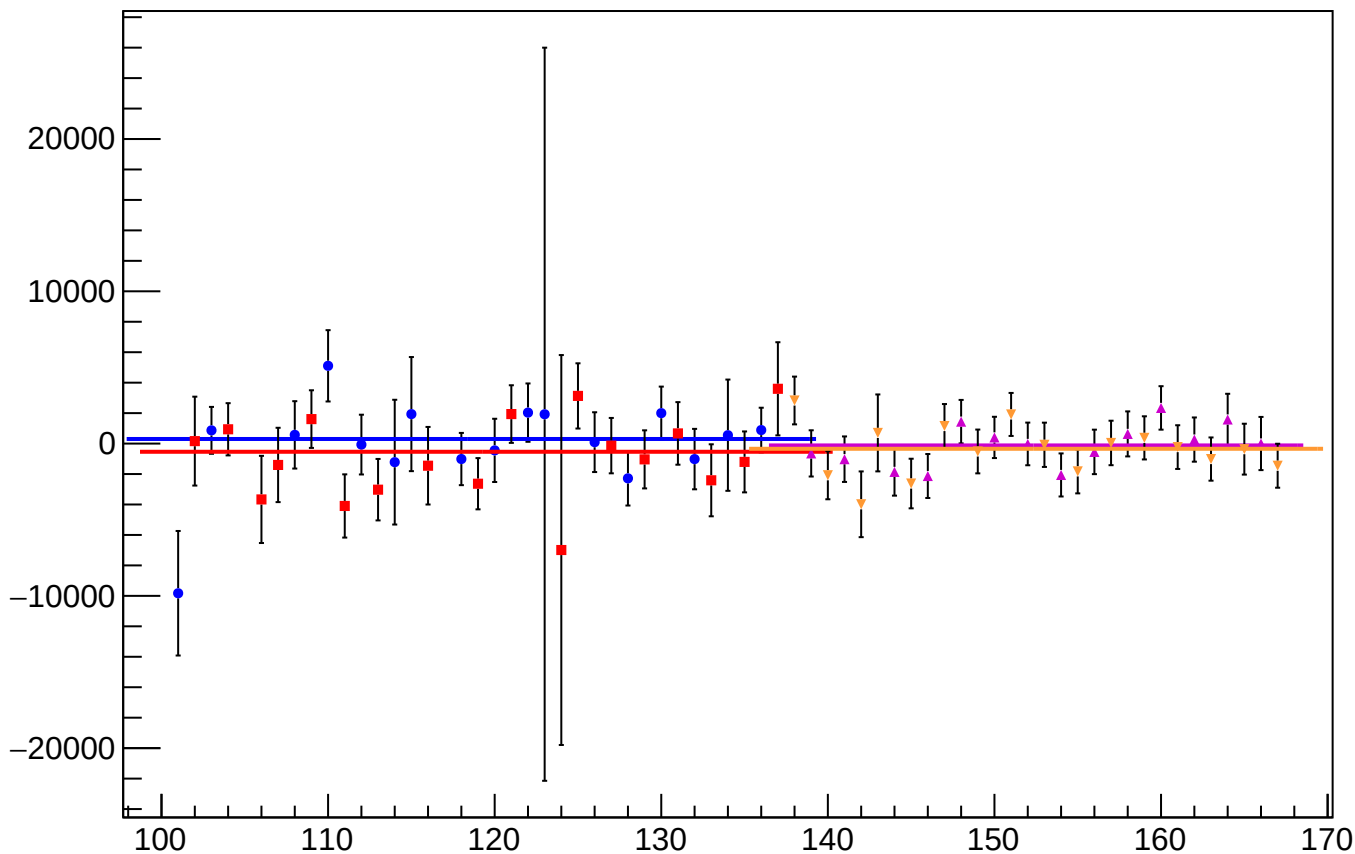
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4209.518 $\pm$ 0.722 χ^2 /NDF: 1133884.1/30

Out: 3942.565 $\pm$ 0.659 χ^2 /NDF: 1870565.7/33

All: 4064.026 $\pm$ 0.487 χ^2 /NDF: 3079012.1/64

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 $\chi^2/\text{NDF}: 16.1/16$

Left Out: -341.667 ± 384.548 $\chi^2/\text{NDF}: 16.2/15$

Right Out: -537.727 ± 508.684 $\chi^2/\text{NDF}: 17.5/17$

Left In: -121.067 ± 395.607 $\chi^2/\text{NDF}: 11.3/13$

Left: -234.493 ± 275.743 $\chi^2/\text{NDF}: 27.6/29$

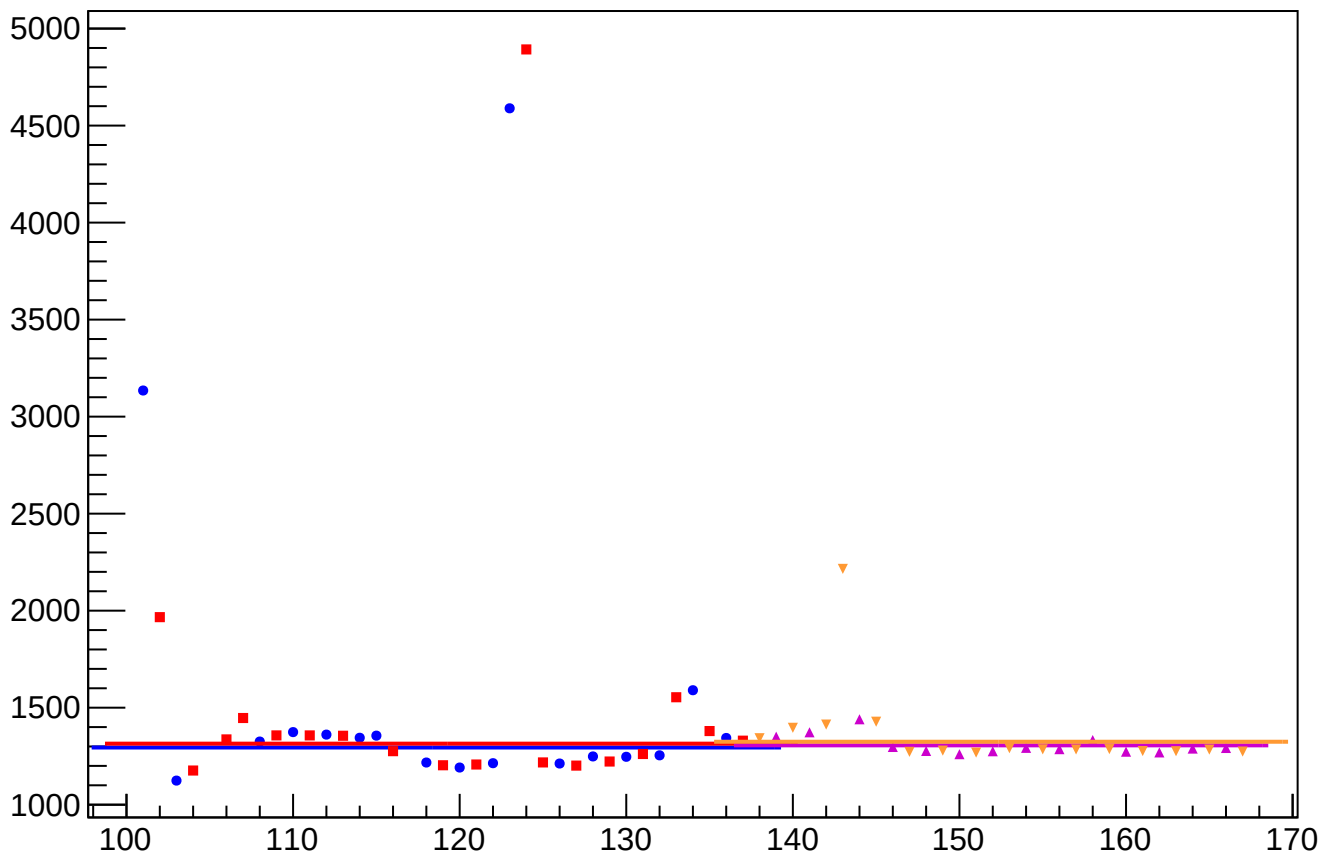
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: 36.756 ± 313.237 $\chi^2/\text{NDF}: 27.8/30$

Out: -412.966 ± 306.758 $\chi^2/\text{NDF}: 33.7/33$

All: -192.805 ± 219.165 $\chi^2/\text{NDF}: 62.6/64$

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

Left In: 1305.855+/-0.280 χ^2/NDF : 28558.3/13

Left: 1315.426+/-0.195 χ^2/NDF : 316883.6/29

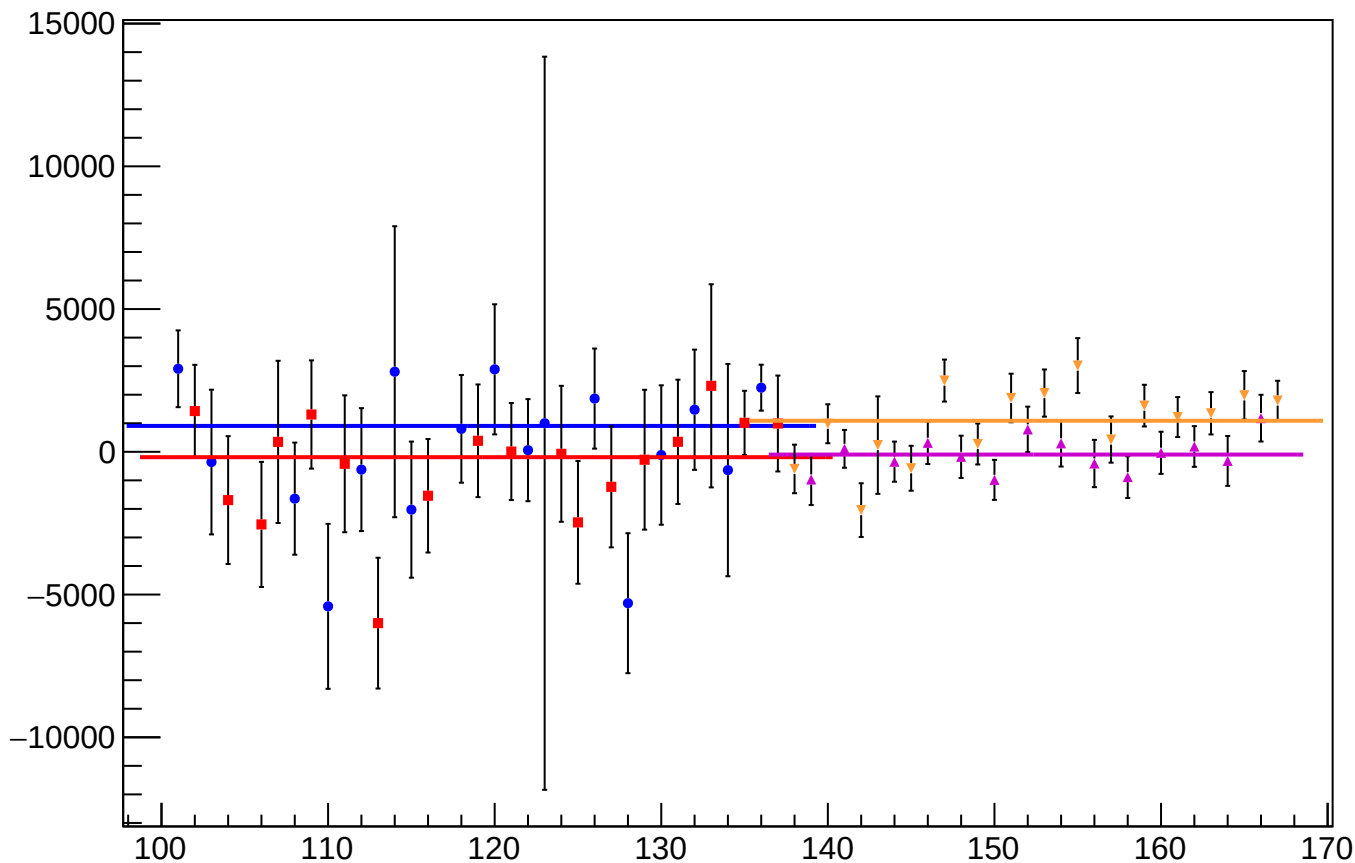
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1301.704+/-0.221 χ^2/NDF : 536952.4/30

Out: 1320.876+/-0.217 χ^2/NDF : 620367.4/33

All: 1311.491+/-0.155 χ^2/NDF : 1161144.2/64

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -96.598 $\pm$ 203.082 χ^2 /NDF:8.5/13

Left: 505.411 $\pm$ 142.407 χ^2 /NDF: 60.3/29

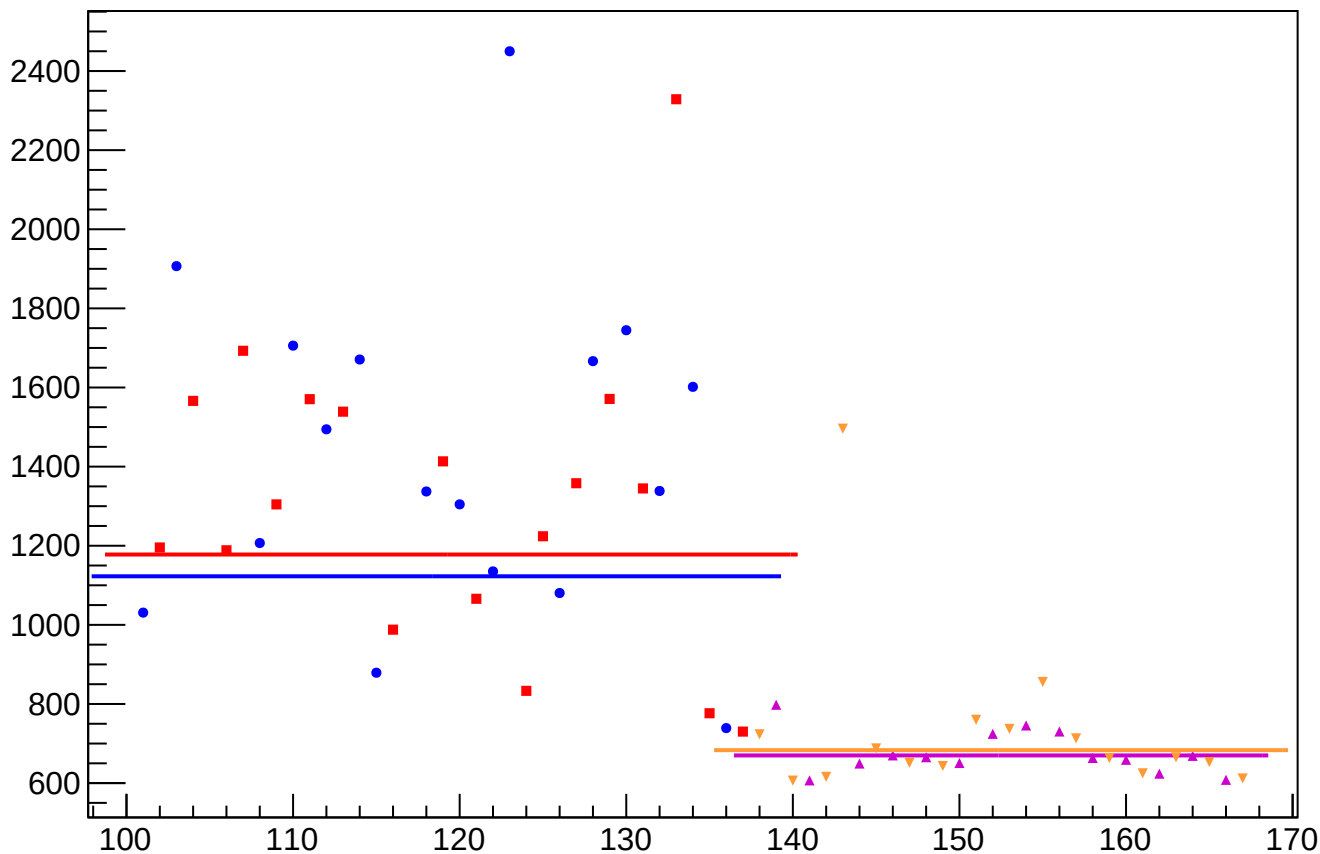
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 69.557 $\pm$ 185.505 χ^2 /NDF:34.5/30

Out: 888.696 $\pm$ 183.501 χ^2 /NDF:54.7/33

All: 483.576 $\pm$ 130.458 χ^2 /NDF: 99.1/64

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2/NDF : 1187996.4/16

Left Out: 683.281 $\pm$ 0.141 χ^2/NDF : 635969.2/15

Right Out: 1177.797 $\pm$ 0.328 χ^2/NDF : 1021710.1/17

Left In: 669.945 $\pm$ 0.144 χ^2/NDF : 119957.6/13

Left: 676.724 $\pm$ 0.101 χ^2/NDF : 760310.4/29

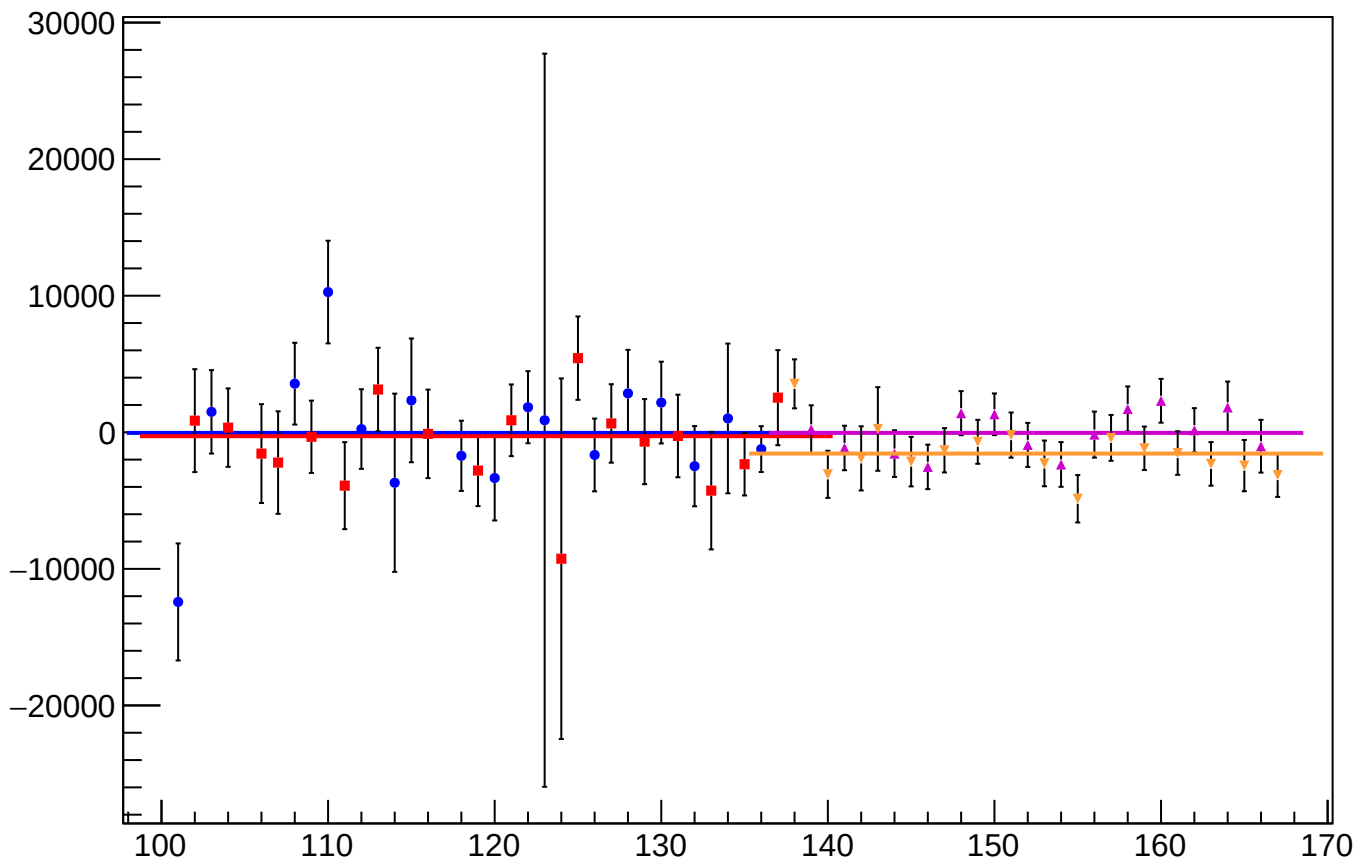
Right: 1149.765 $\pm$ 0.230 χ^2/NDF : 2224002.1/34

In: 744.938 $\pm$ 0.131 χ^2/NDF : 2954752.5/30

Out: 760.445 $\pm$ 0.130 χ^2/NDF : 3570493.7/33

All: 752.776 $\pm$ 0.092 χ^2/NDF : 6532310.0/64

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1557.587 ± 435.744 χ^2/NDF : 16.1/15

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -45.545 ± 446.230 χ^2/NDF : 12.0/13

Left: -819.540 ± 311.759 χ^2/NDF : 34.0/29

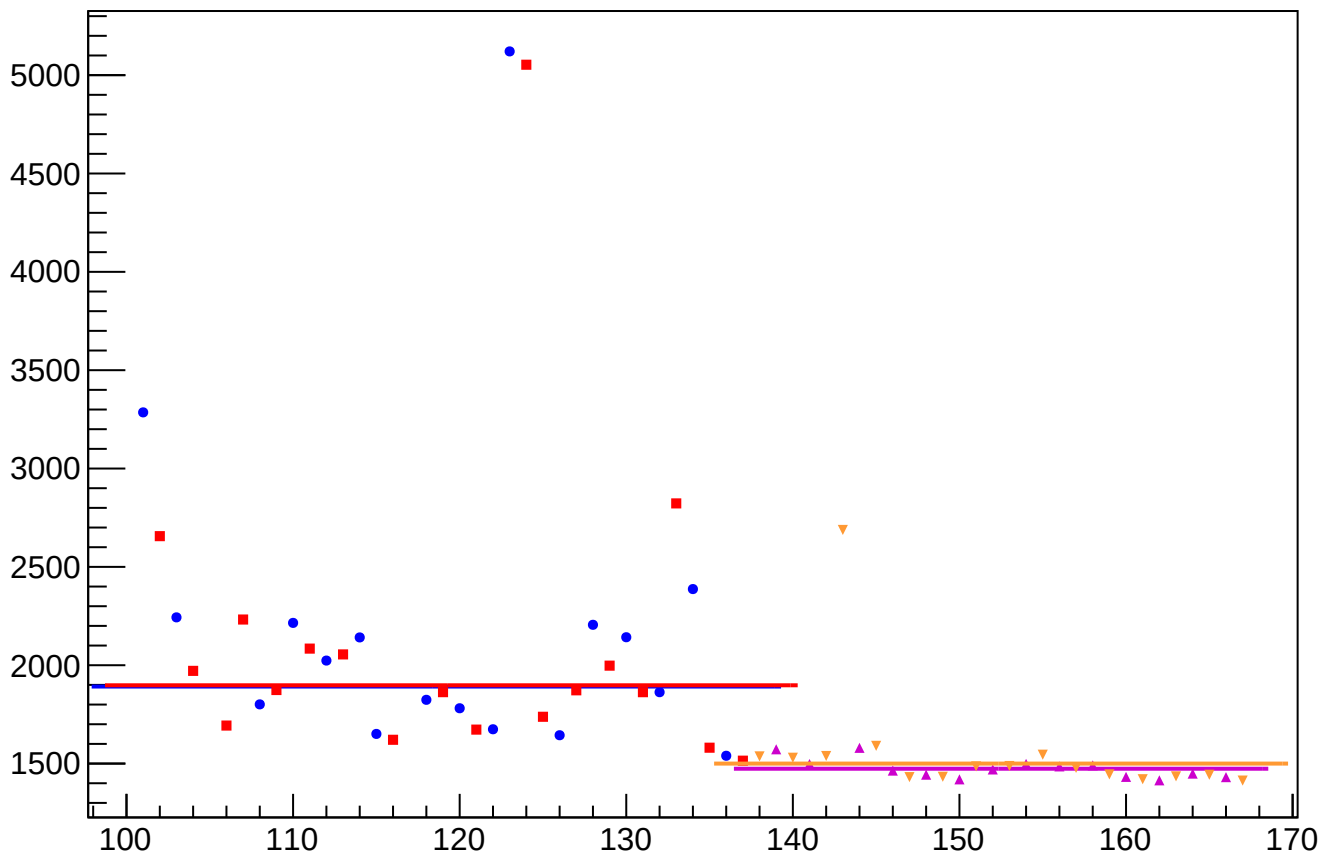
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -45.236 ± 383.163 χ^2/NDF : 35.2/30

Out: -1226.989 ± 374.877 χ^2/NDF : 28.9/33

All: -649.029 ± 267.960 χ^2/NDF : 69.0/64

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1499.920 $\pm$ 0.308 χ^2 /NDF: 335131.0/15

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1473.769 $\pm$ 0.316 χ^2 /NDF: 23774.2/13

Left: 1487.155 $\pm$ 0.220 χ^2 /NDF: 362421.3/29

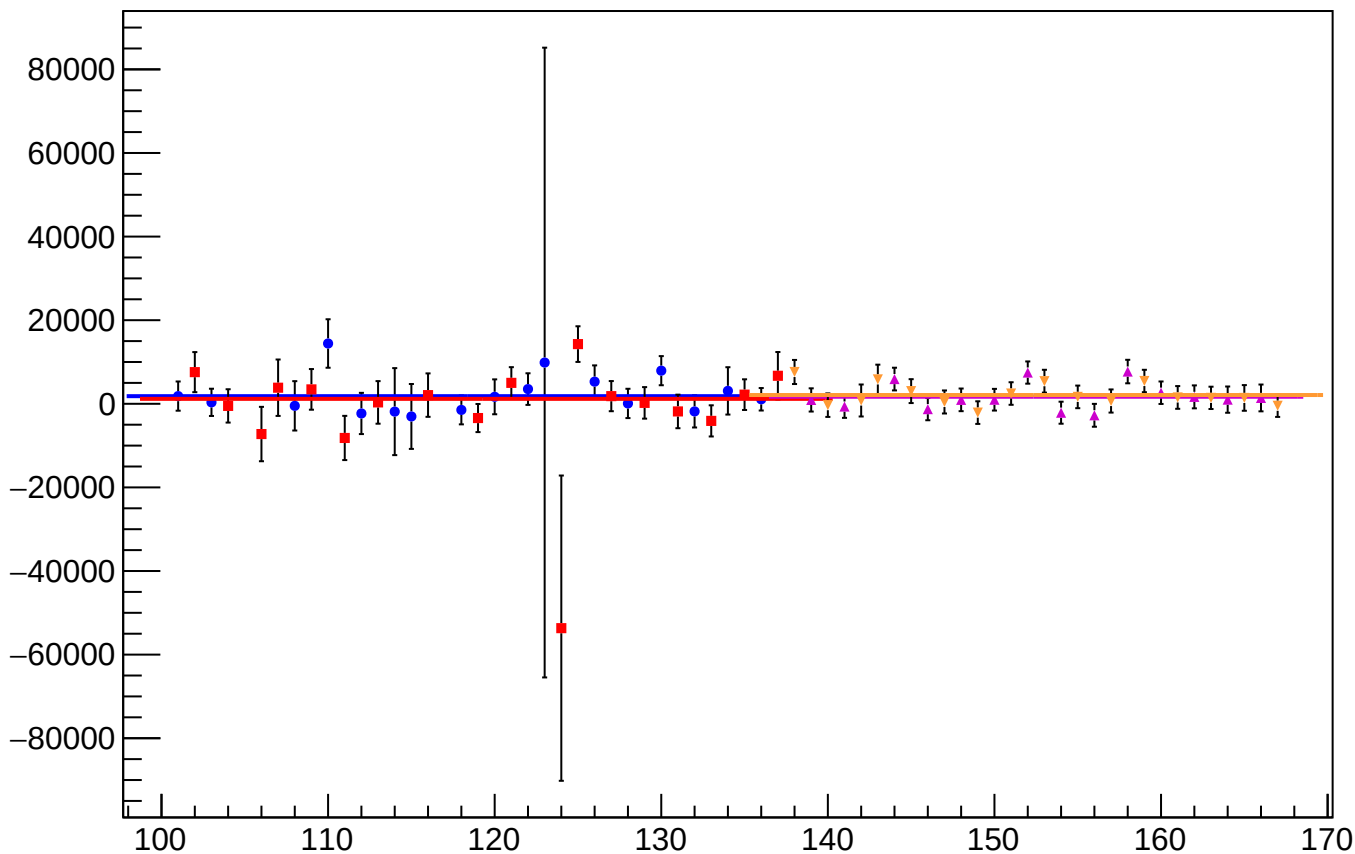
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1583.548 $\pm$ 0.271 χ^2 /NDF: 953650.8/30

Out: 1603.370 $\pm$ 0.265 χ^2 /NDF: 1192615.2/33

All: 1593.676 $\pm$ 0.189 χ^2 /NDF: 2149000.9/64

dit_asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1686.257 $\pm$ 736.407 χ^2 /NDF:18.9/13

Left: 1900.244 $\pm$ 510.898 χ^2 /NDF: 32.0/29

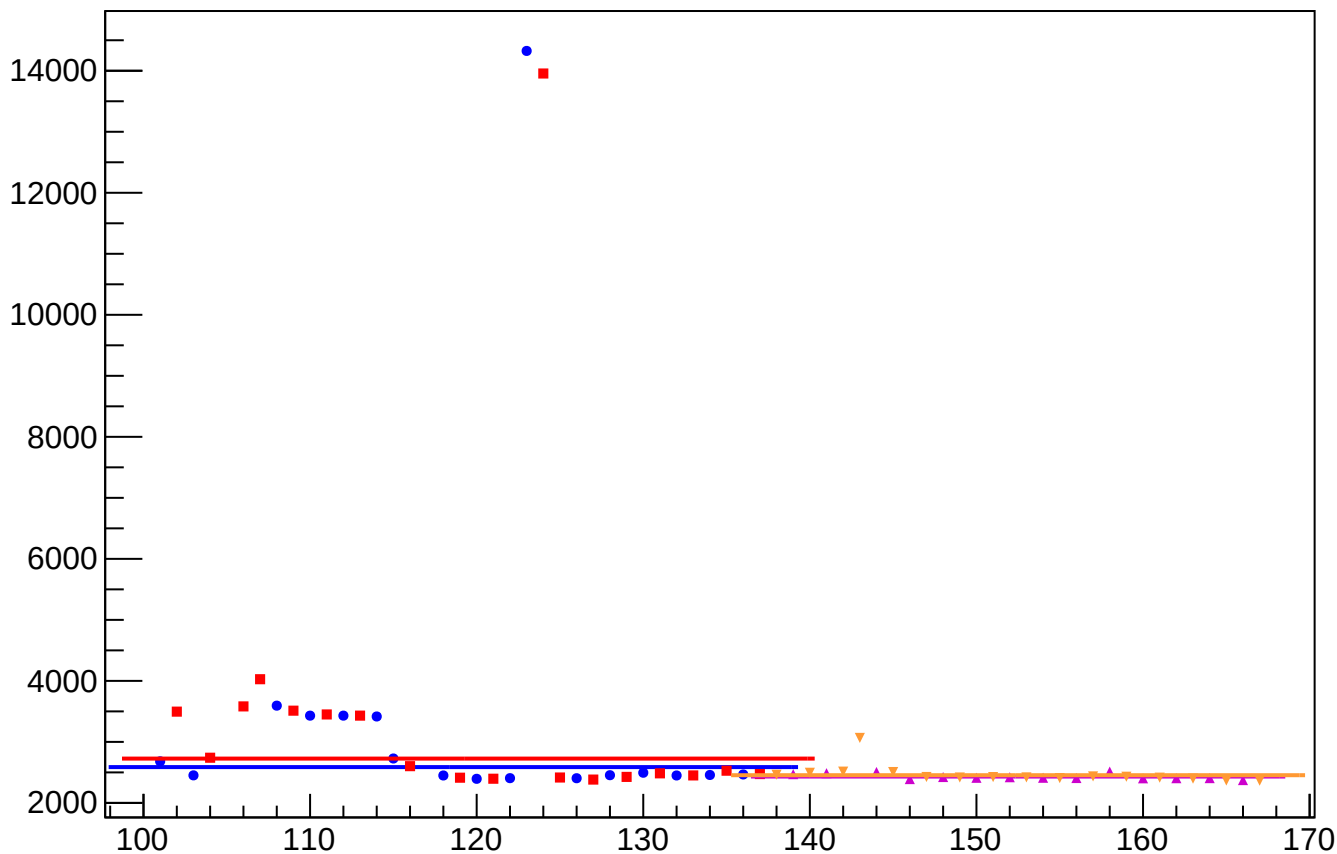
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1734.418 $\pm$ 595.071 χ^2 /NDF:31.5/30

Out: 1811.712 $\pm$ 587.796 χ^2 /NDF:39.0/33

All: 1773.541 $\pm$ 418.183 χ^2 /NDF: 70.4/64

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2454.074+/-0.502 χ^2/NDF : 69162.3/15

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2432.023+/-0.521 χ^2/NDF : 6579.9/13

Left: 2443.460+/-0.361 χ^2/NDF : 76672.3/29

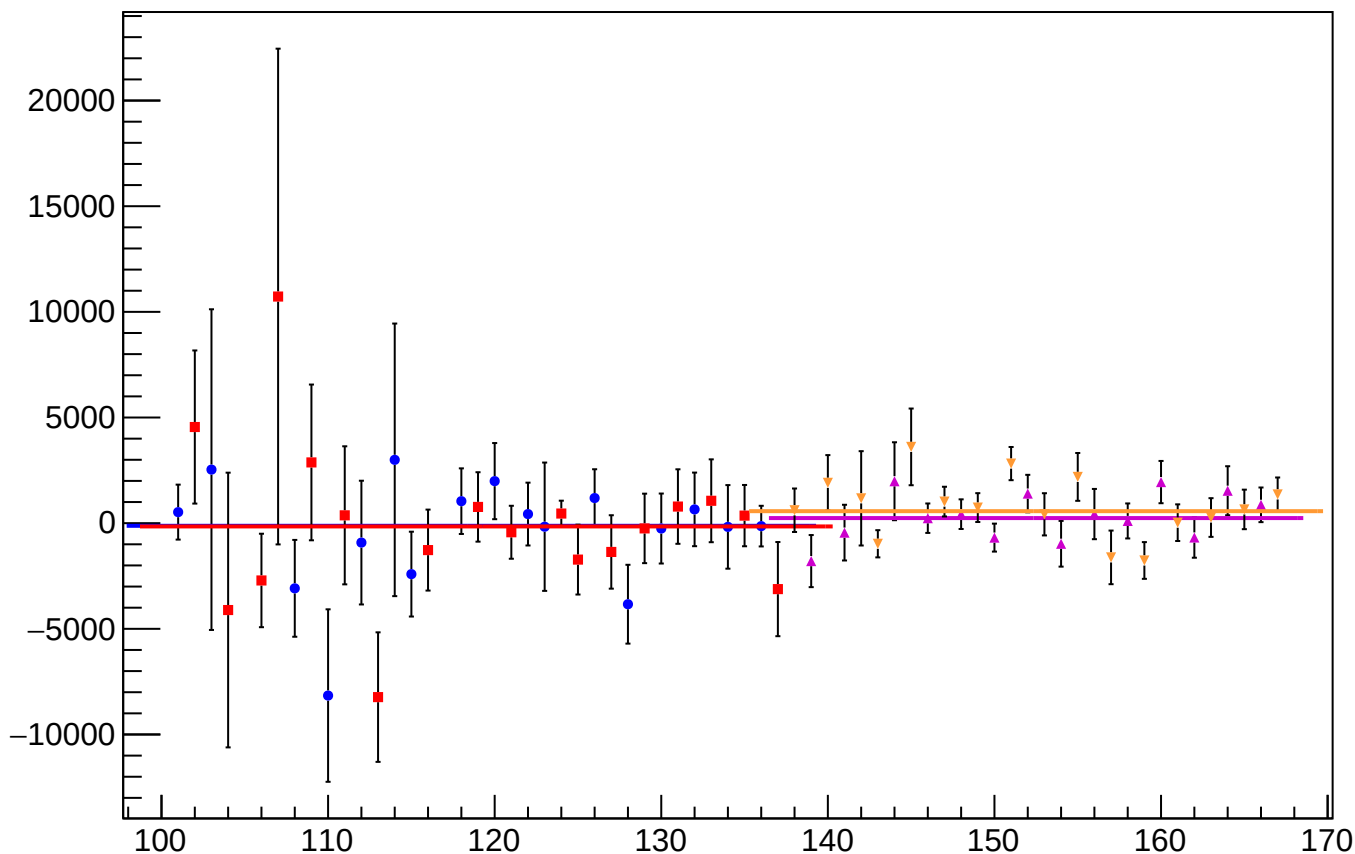
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2485.795+/-0.421 χ^2/NDF : 291422.2/30

Out: 2539.446+/-0.416 χ^2/NDF : 742431.4/33

All: 2512.951+/-0.296 χ^2/NDF : 1042082.1/64

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 567.834+/-228.279 χ^2/NDF : 32.1/15

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 240.928+/-246.083 χ^2/NDF : 14.6/13

Left: 416.633+/-167.358 χ^2/NDF : 47.7/29

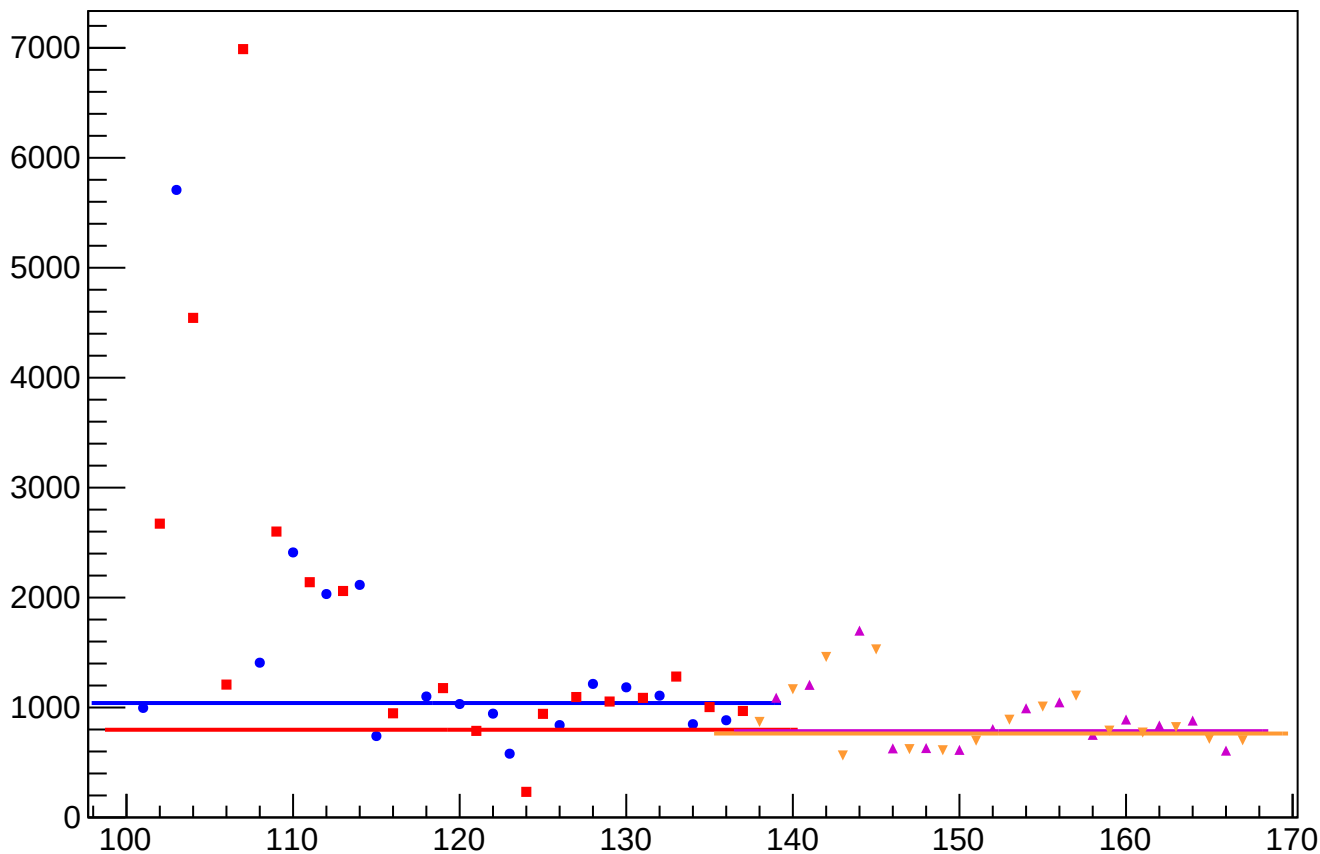
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: 151.020+/-213.674 χ^2/NDF : 29.8/30

Out: 376.945+/-195.810 χ^2/NDF : 52.3/33

All: 273.820+/-144.361 χ^2/NDF : 82.8/64

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 763.334+/-0.161 χ^2/NDF :1446809.9/15

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 784.883+/-0.174 χ^2/NDF :1457442.0/13

Left: 773.301+/-0.118 χ^2/NDF : 2912495.1/29

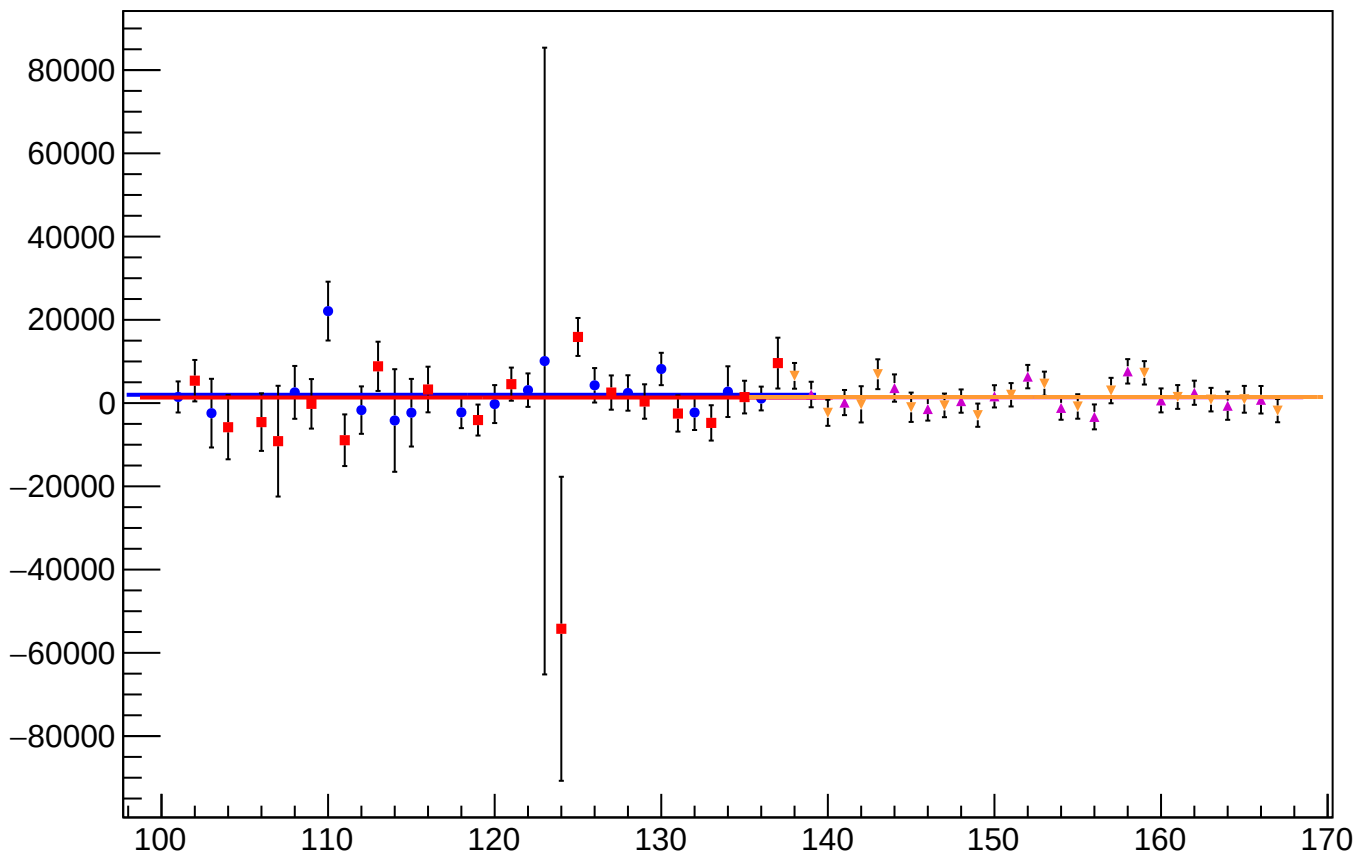
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 847.843+/-0.151 χ^2/NDF :3562538.7/30

Out: 772.423+/-0.138 χ^2/NDF :6633141.3/33

All: 806.849+/-0.102 χ^2/NDF : 10331114.6/64

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: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1402.426+/-790.199 χ^2/NDF :13.3/13

Left: 1433.171+/-547.386 χ^2/NDF : 31.3/29

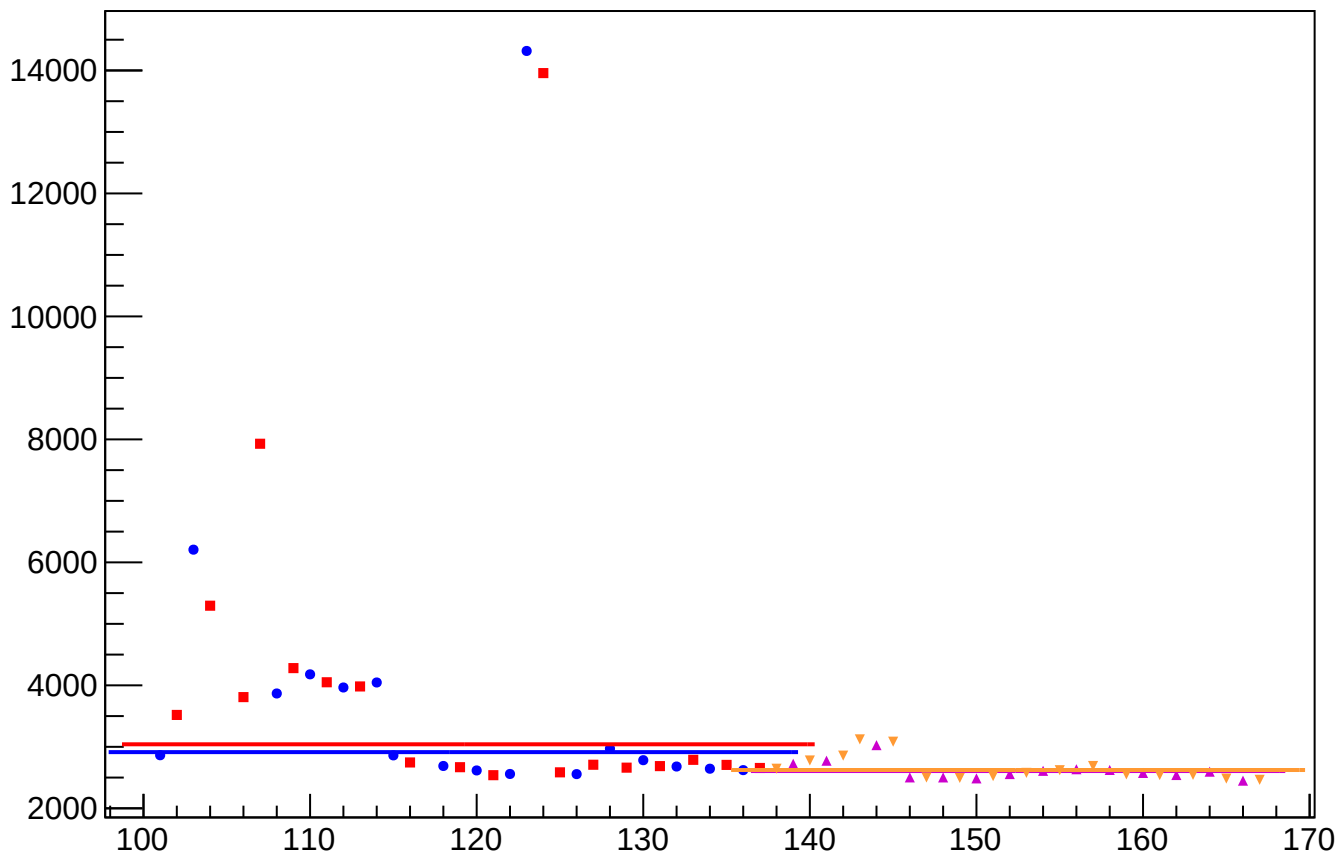
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1591.748+/-652.183 χ^2/NDF :28.4/30

Out: 1425.576+/-640.487 χ^2/NDF :45.4/33

All: 1507.159+/-456.972 χ^2/NDF : 73.9/64

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: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2606.274+/-0.559 χ^2/NDF : 58272.4/13

Left: 2614.979+/-0.387 χ^2/NDF : 168970.3/29

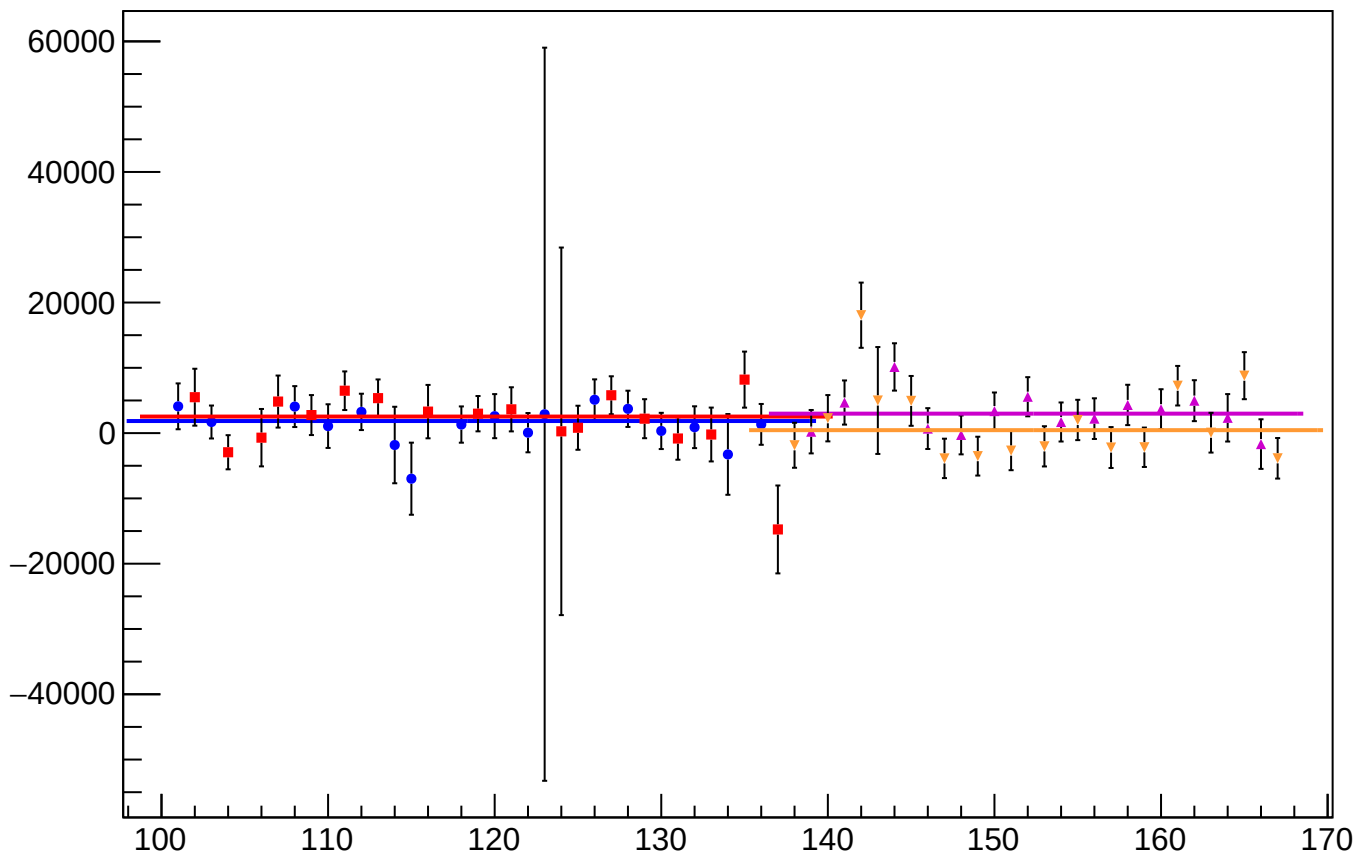
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2704.341+/-0.461 χ^2/NDF : 793877.7/30

Out: 2743.406+/-0.453 χ^2/NDF : 1288627.8/33

All: 2724.227+/-0.323 χ^2/NDF : 2086158.4/64

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: 2535.163 $\pm$ 819.322 χ^2 /NDF: 20.0/17

Left In: 2981.376 $\pm$ 852.399 χ^2 /NDF:9.8/13

Left: 1687.666 $\pm$ 595.797 χ^2 /NDF: 48.8/29

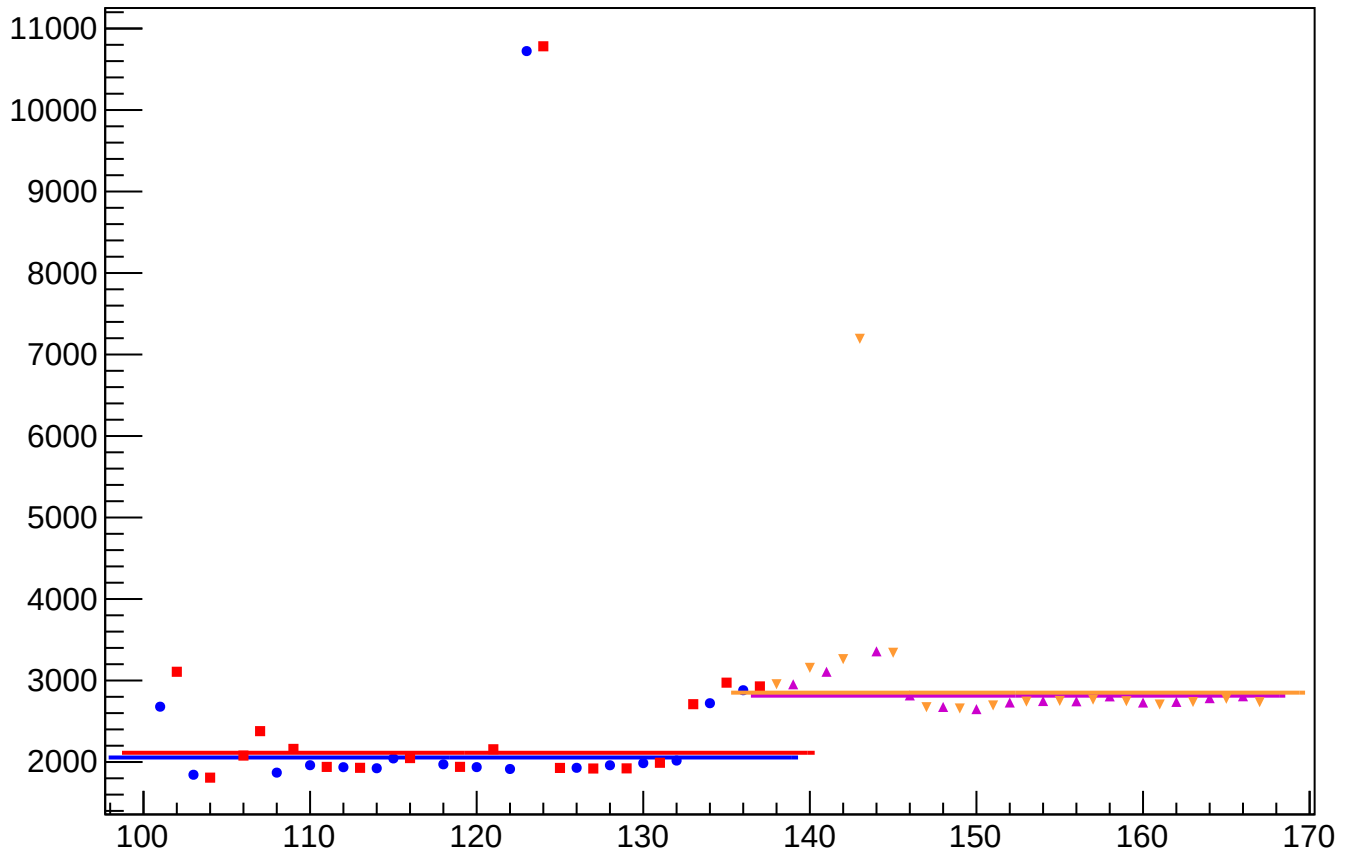
Right: 2187.336 $\pm$ 574.855 χ^2 /NDF: 27.6/34

In: 2384.640 $\pm$ 585.936 χ^2 /NDF:17.9/30

Out: 1510.887 $\pm$ 584.159 χ^2 /NDF:57.7/33

All: 1946.437 $\pm$ 413.690 χ^2 /NDF: 76.7/64

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2850.982+/-0.589 χ^2/NDF : 666321.5/15

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2814.000+/-0.603 χ^2/NDF : 81011.8/13

Left: 2832.915+/-0.421 χ^2/NDF : 749258.7/29

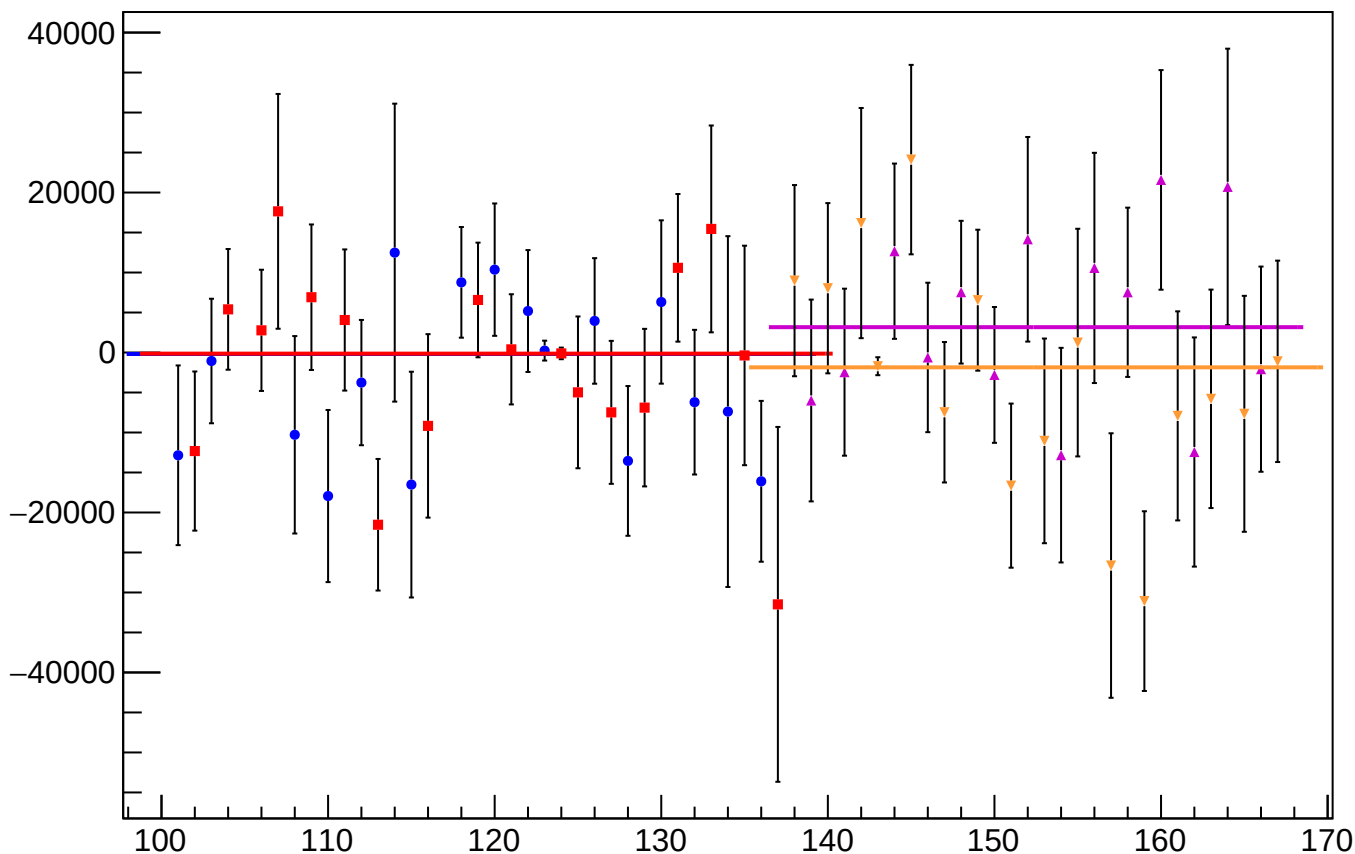
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2413.873+/-0.414 χ^2/NDF : 1232861.1/30

Out: 2475.438+/-0.413 χ^2/NDF : 1996619.8/33

All: 2444.773+/-0.292 χ^2/NDF : 3240562.6/64

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1853.416 ± 1052.995 $\chi^2/\text{NDF}: 21.5/15$

Right Out: -141.935 ± 690.979 $\chi^2/\text{NDF}: 19.0/17$

Left In: 3168.900 ± 3061.173 $\chi^2/\text{NDF}: 9.2/13$

Left: -1322.026 ± 995.732 $\chi^2/\text{NDF}: 33.2/29$

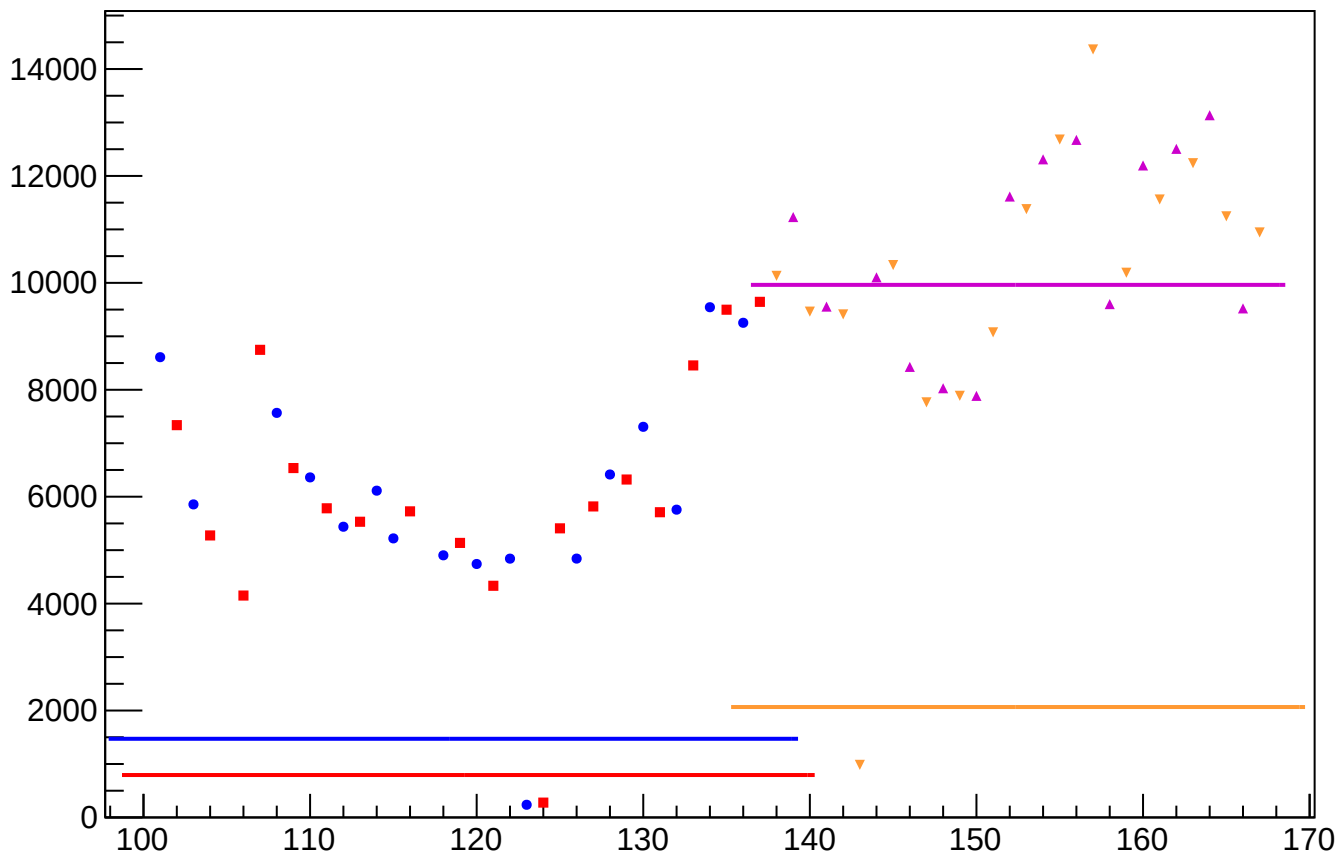
Right: -154.177 ± 585.233 $\chi^2/\text{NDF}: 35.3/34$

In: 198.810 ± 1035.844 $\chi^2/\text{NDF}: 26.7/30$

Out: -657.081 ± 577.704 $\chi^2/\text{NDF}: 42.3/33$

All: -454.021 ± 504.541 $\chi^2/\text{NDF}: 69.5/64$

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: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9962.348+/-2.165

χ^2/NDF : 644906.0/13

Left: 2901.166+/-0.704

χ^2/NDF : 28686560.0/29

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2443.814+/-0.732

χ^2/NDF : 24058048.3/30

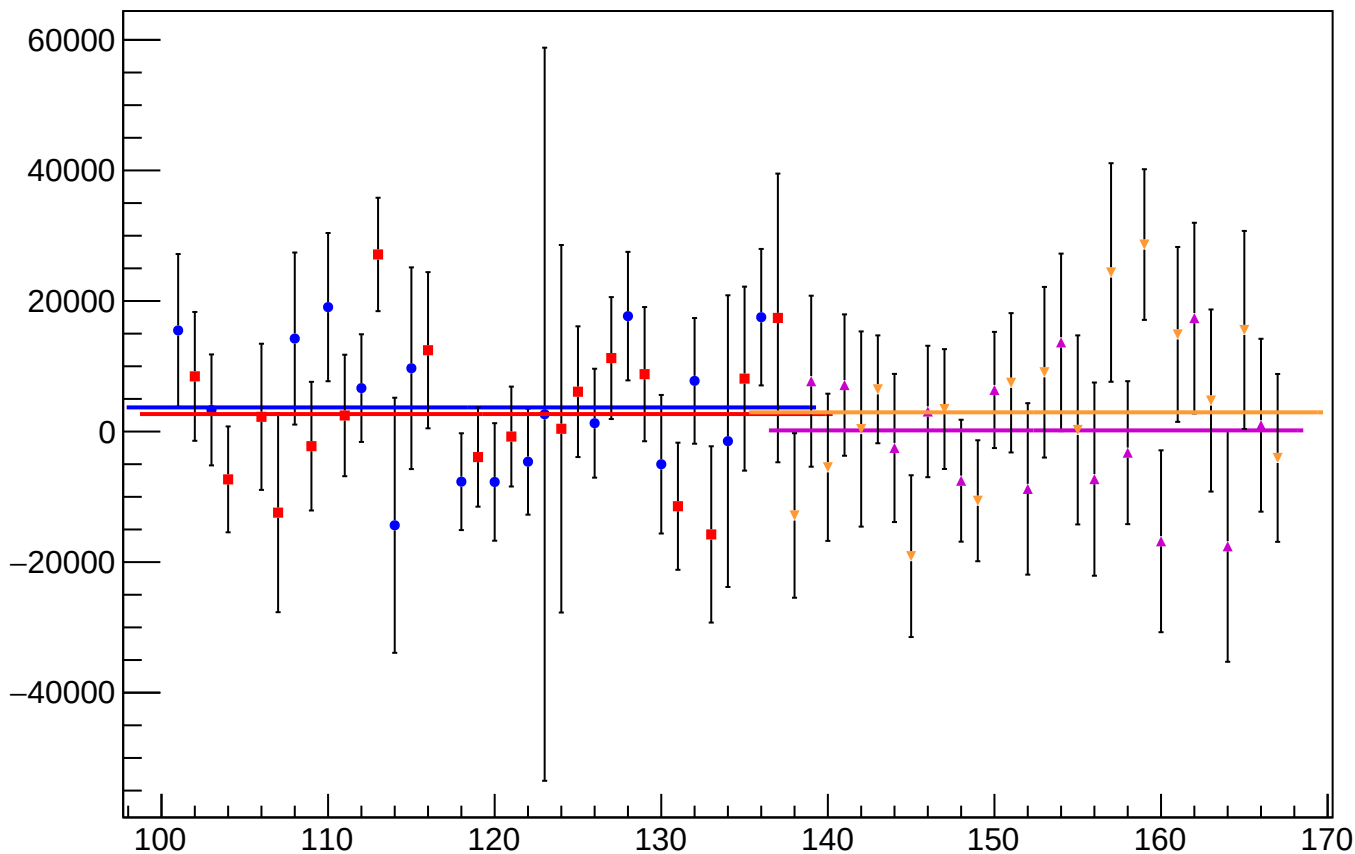
Out: 1176.521+/-0.408

χ^2/NDF : 29603394.0/33

All: 1477.186+/-0.357

χ^2/NDF : 55944822.7/6

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 2944.619+/-2950.111 χ^2/NDF : 16.5/15

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 177.947+/-3179.179 χ^2/NDF : 7.7/13

Left: 1664.537+/-2162.495 χ^2/NDF : 24.6/29

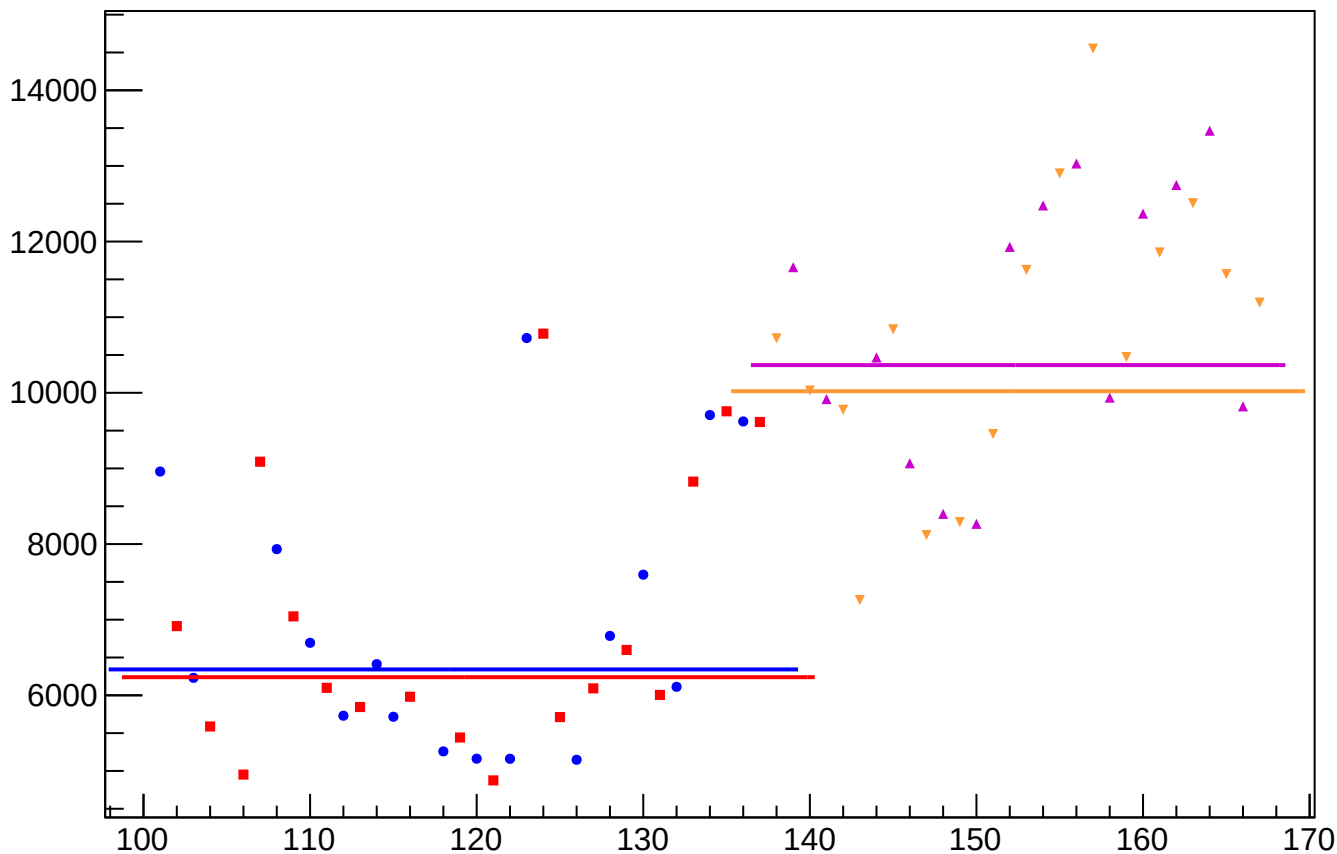
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2341.364+/-1973.855 χ^2/NDF : 22.9/30

Out: 2786.586+/-1875.014 χ^2/NDF : 35.0/33

All: 2575.401+/-1359.435 χ^2/NDF : 57.9/64

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 ± 1.780 $\chi^2/\text{NDF}: 593668.9/16$

Left Out: 10021.243 ± 2.086 $\chi^2/\text{NDF}: 797269.1/15$

Right Out: 6239.726 ± 1.717 $\chi^2/\text{NDF}: 529243.7/17$

Left In: 10366.234 ± 2.248 $\chi^2/\text{NDF}: 560129.5/13$

Left: 10180.863 ± 1.529 $\chi^2/\text{NDF}: 1370053.2/29$

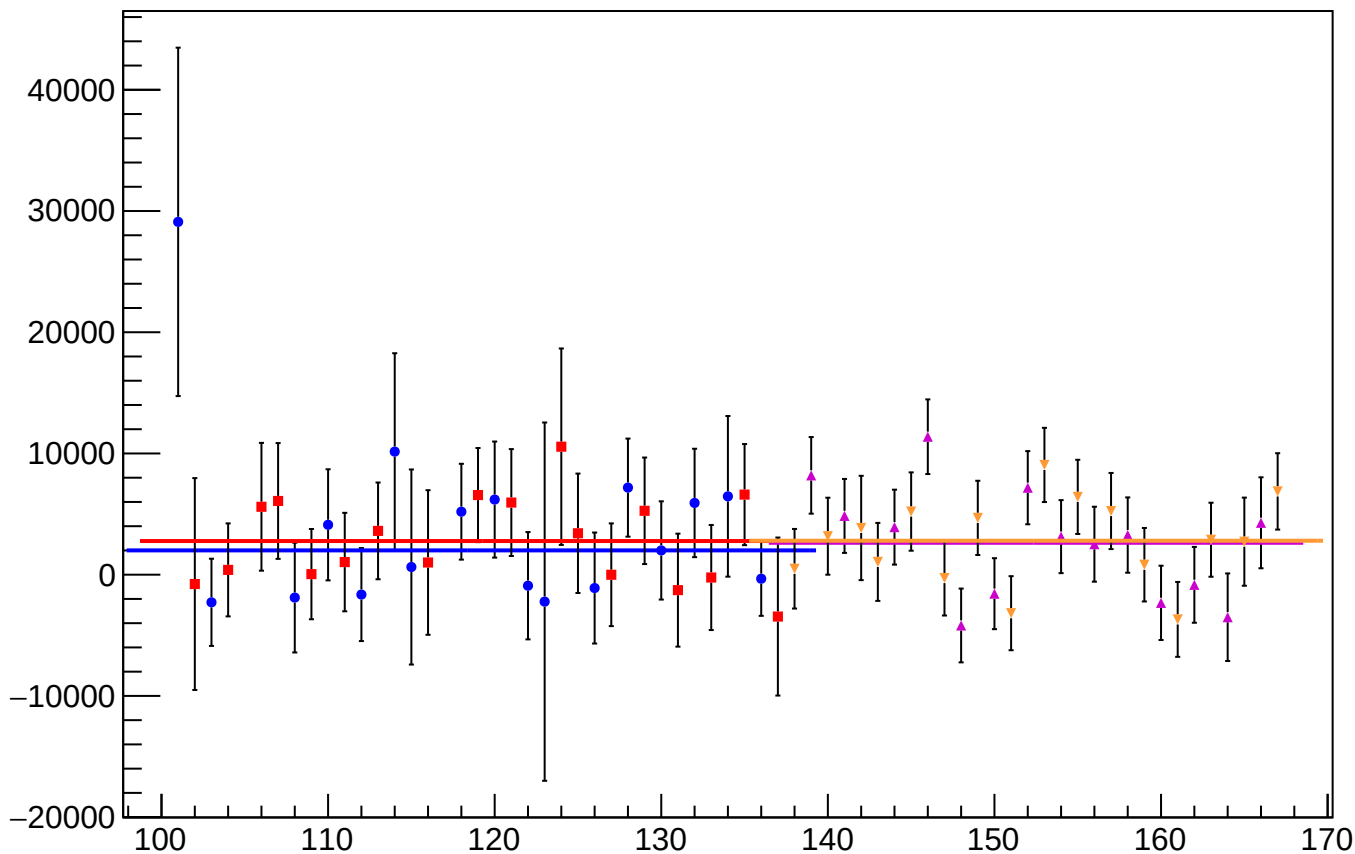
Right: 6289.173 ± 1.236 $\chi^2/\text{NDF}: 1124633.0/34$

In: 7893.449 ± 1.396 $\chi^2/\text{NDF}: 3122746.4/30$

Out: 7767.201 ± 1.326 $\chi^2/\text{NDF}: 3285273.1/33$

All: 7827.083 ± 0.961 $\chi^2/\text{NDF}: 6412320.6/64$

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 2801.071 $\pm$ 798.331 χ^2/NDF : 19.3/15

Right Out: 2776.042 $\pm$ 1086.812 χ^2/NDF : 8.3/17

Left In: 2631.811 $\pm$ 837.068 χ^2/NDF : 28.2/13

Left: 2720.448 $\pm$ 577.714 χ^2/NDF : 47.5/29

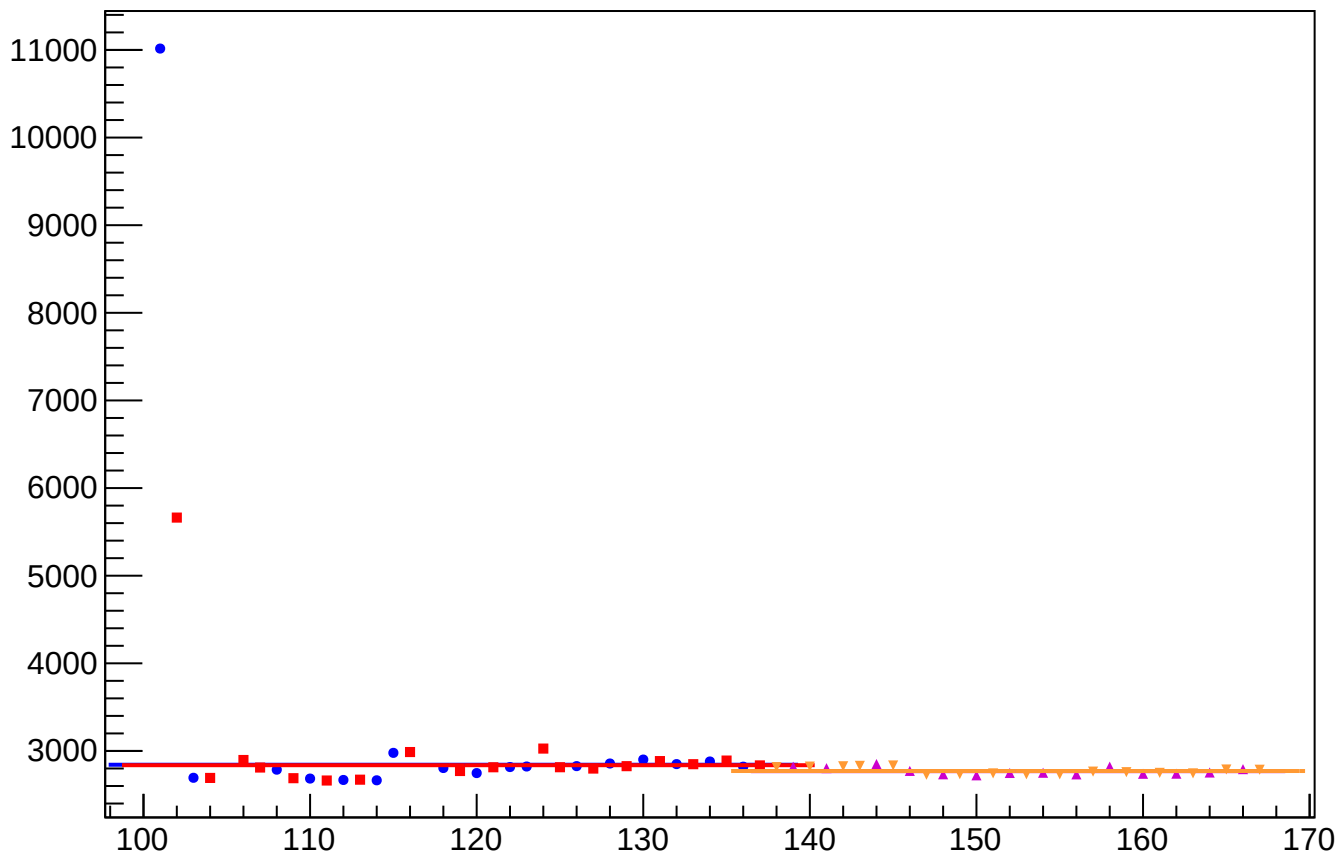
Right: 2403.779 $\pm$ 781.789 χ^2/NDF : 22.3/34

In: 2408.414 $\pm$ 671.656 χ^2/NDF : 42.1/30

Out: 2792.299 $\pm$ 643.401 χ^2/NDF : 27.6/33

All: 2608.601 $\pm$ 464.621 χ^2/NDF : 69.9/64

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 ± 0.796 χ^2/NDF : 660305.1/16

Left Out: 2771.031 ± 0.565 χ^2/NDF : 4453.3/15

Right Out: 2837.439 ± 0.768 χ^2/NDF : 226421.9/17

Left In: 2769.391 ± 0.592 χ^2/NDF : 4456.1/13

Left: 2770.250 ± 0.409 χ^2/NDF : 8913.4/29

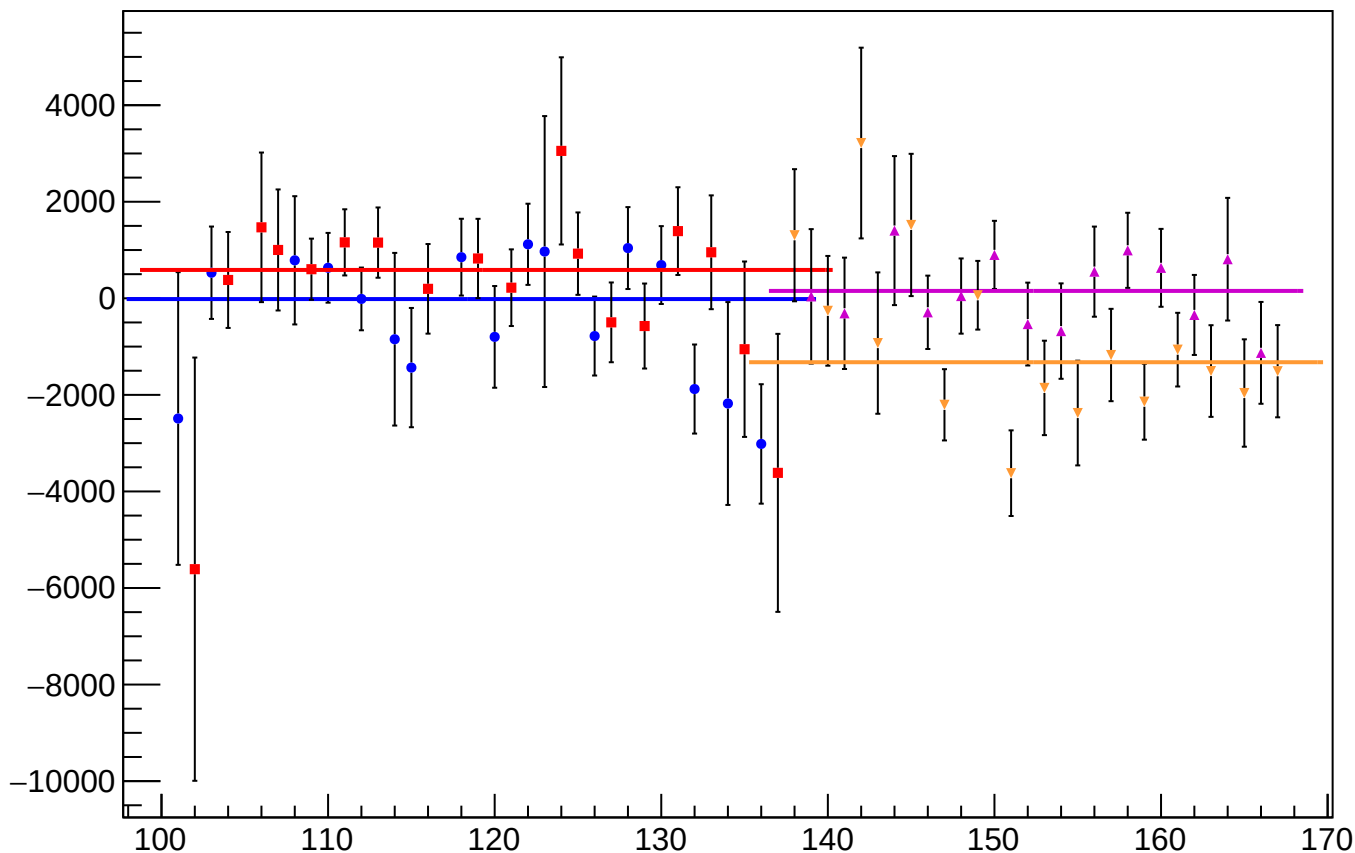
Right: 2839.943 ± 0.553 χ^2/NDF : 886749.0/34

In: 2795.476 ± 0.475 χ^2/NDF : 670214.0/30

Out: 2794.305 ± 0.455 χ^2/NDF : 235725.5/33

All: 2794.865 ± 0.329 χ^2/NDF : 905942.7/64

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1323.603 $\pm$ 243.162 χ^2/NDF : 28.5/15

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 153.143 $\pm$ 244.193 χ^2/NDF : 7.5/13

Left: -588.356 $\pm$ 172.305 χ^2/NDF : 54.3/29

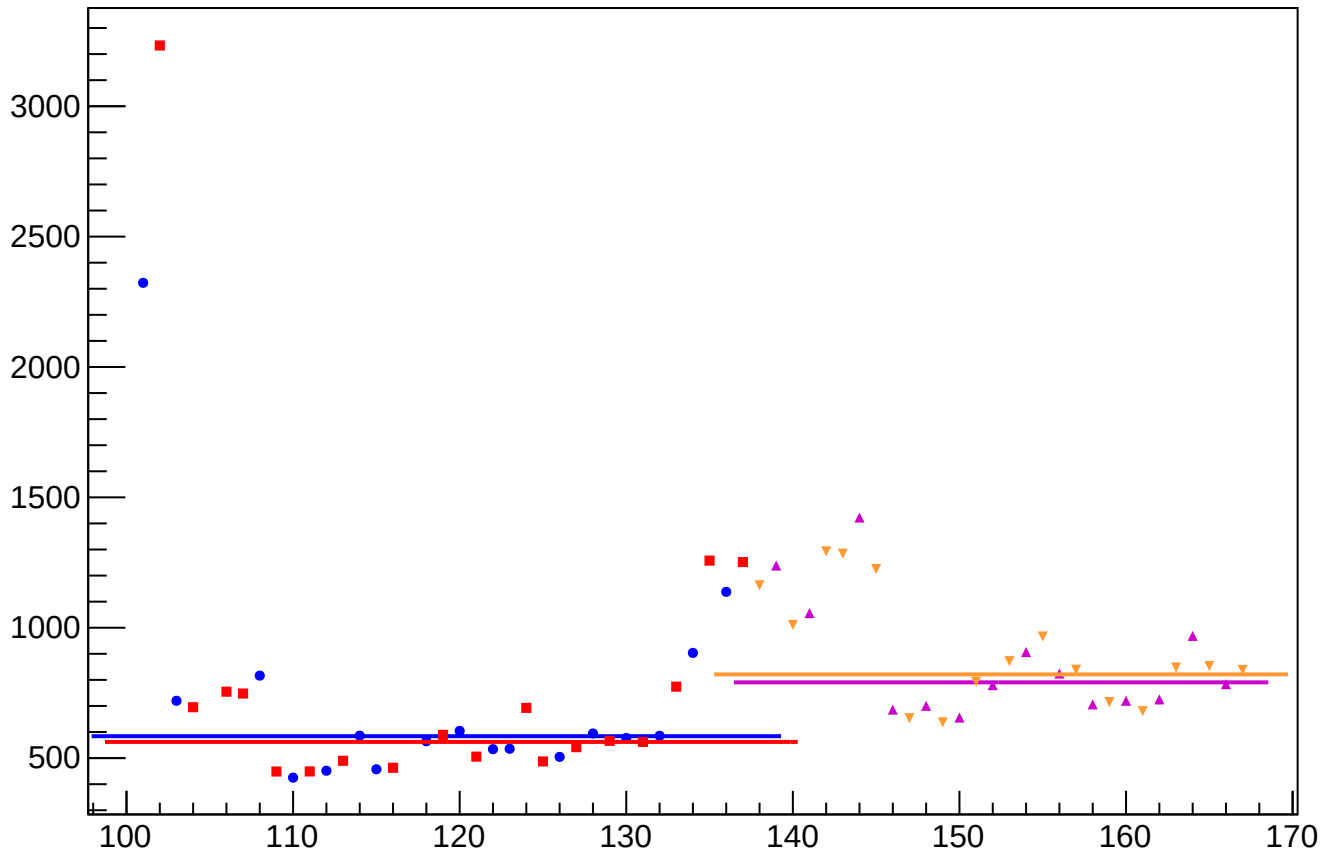
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 66.894 $\pm$ 170.755 χ^2/NDF : 29.3/30

Out: -297.384 $\pm$ 165.467 χ^2/NDF : 75.0/33

All: -120.973 $\pm$ 118.828 χ^2/NDF : 106.6/64

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 821.104+/-0.172 χ^2/NDF :1034630.7/15

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 790.542+/-0.173 χ^2/NDF :907794.9/13

Left: 805.888+/-0.122 χ^2/NDF : 1958155.7/29

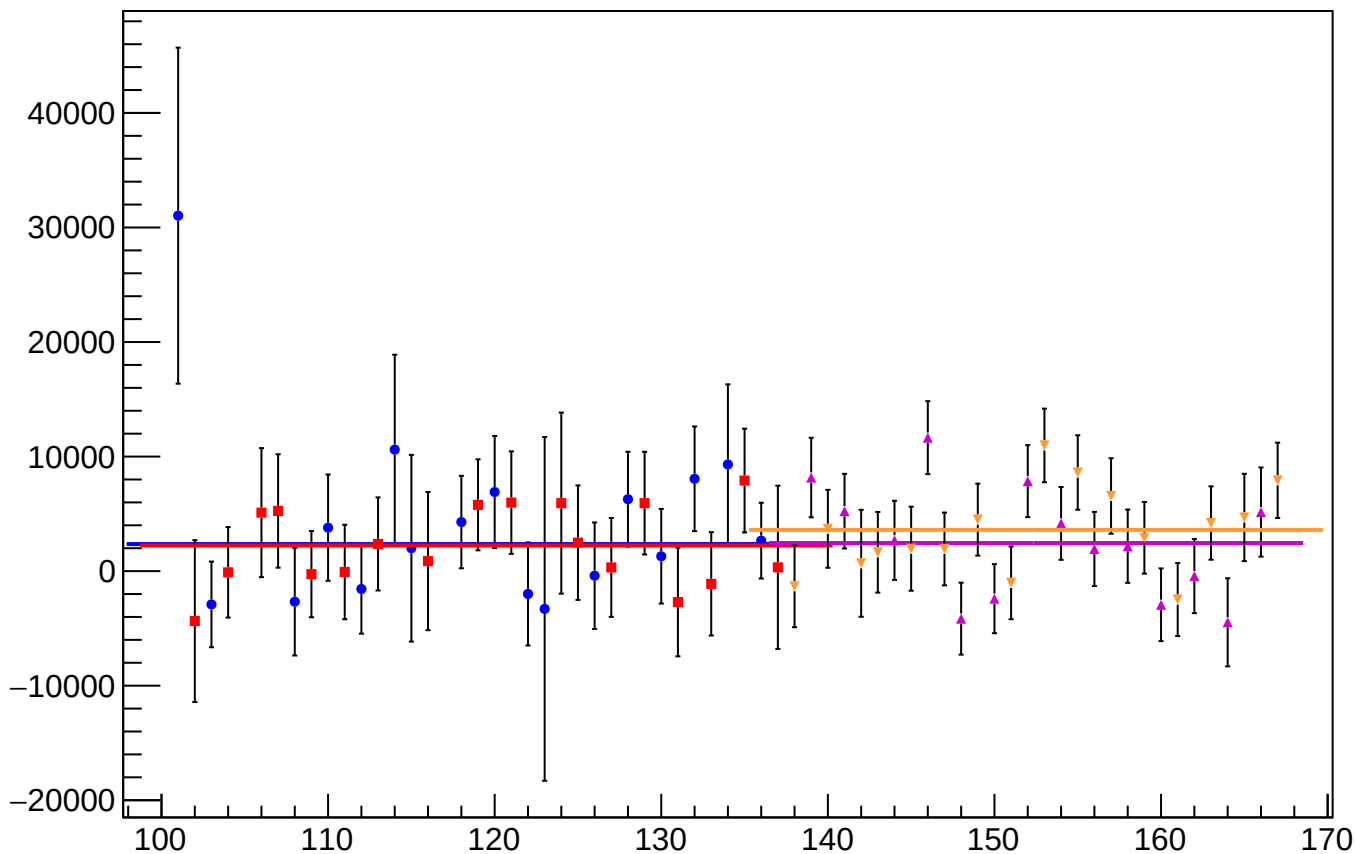
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 685.020+/-0.121 χ^2/NDF :3075205.7/30

Out: 682.044+/-0.117 χ^2/NDF :3778104.6/33

All: 683.485+/-0.084 χ^2/NDF : 6853623.5/64

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3602.117 $\pm$ 842.735 χ^2 /NDF:19.2/15

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2454.945 $\pm$ 879.483 χ^2 /NDF:29.5/13

Left: 3052.997 $\pm$ 608.480 χ^2 /NDF: 49.6/29

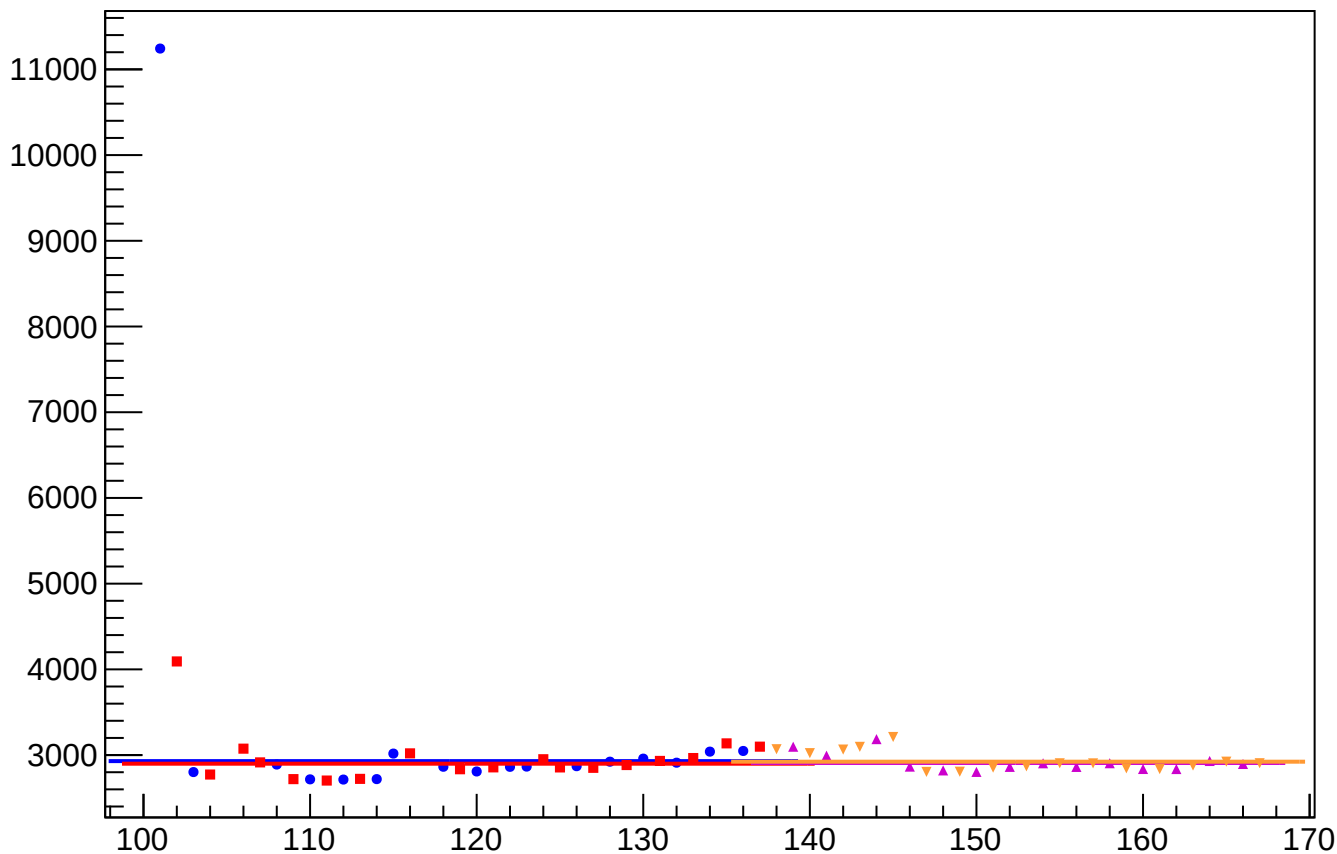
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2421.308 $\pm$ 700.814 χ^2 /NDF:44.6/30

Out: 3107.133 $\pm$ 671.633 χ^2 /NDF:28.7/33

All: 2778.796 $\pm$ 484.904 χ^2 /NDF: 73.8/64

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2922.910+/-0.596 χ^2/NDF : 34432.7/15

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2908.130+/-0.622 χ^2/NDF : 27428.0/13

Left: 2915.835+/-0.430 χ^2/NDF : 62155.2/29

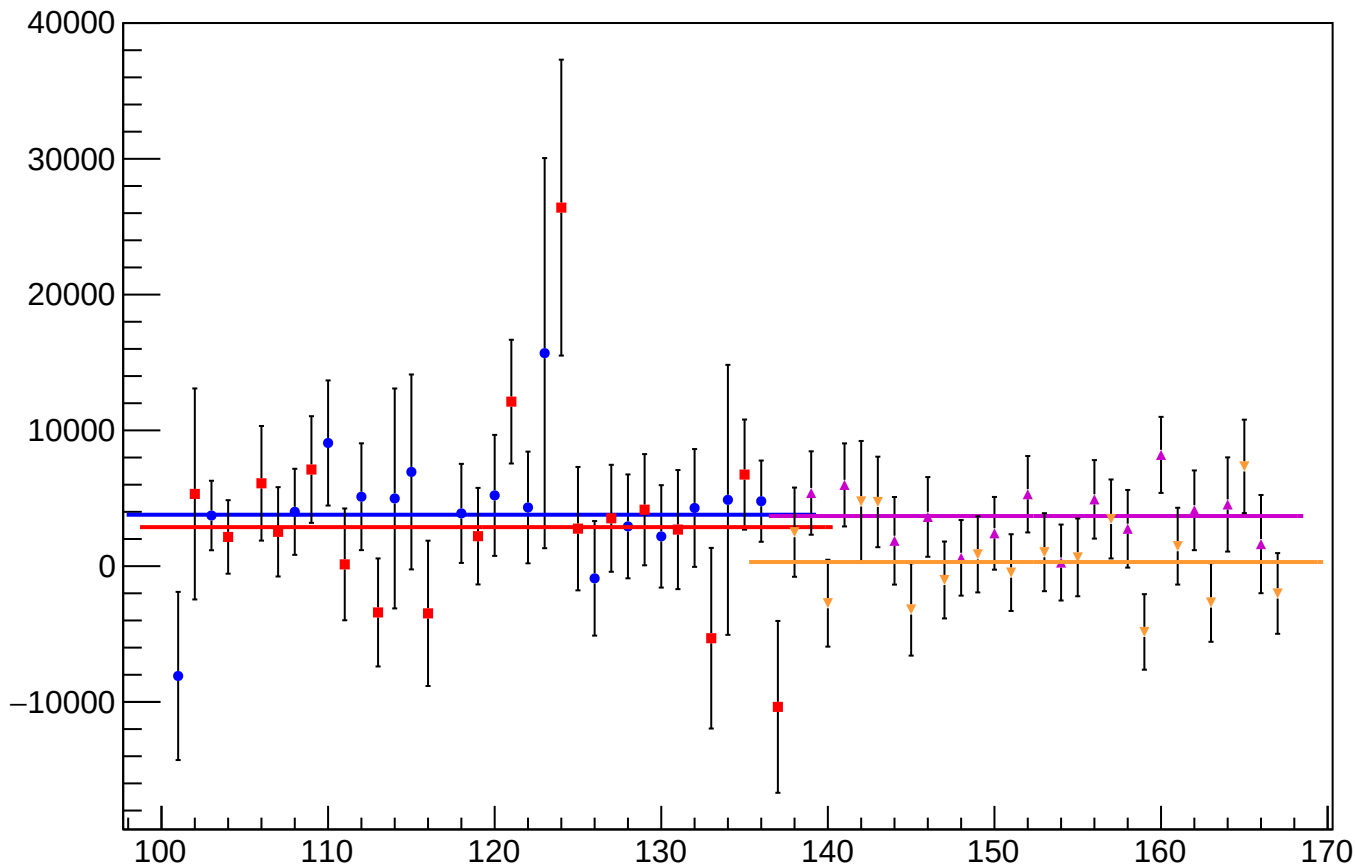
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2915.987+/-0.496 χ^2/NDF : 690494.3/30

Out: 2914.344+/-0.475 χ^2/NDF : 118542.2/33

All: 2915.130+/-0.343 χ^2/NDF : 809042.3/64

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2 /NDF: 7.7/16

Left Out: 304.321 $\pm$ 761.013 χ^2 /NDF:16.2/15

Right Out: 2874.691 $\pm$ 1004.077 χ^2 /NDF: 22.0/17

Left In: 3691.765 $\pm$ 792.411 χ^2 /NDF:7.7/13

Left: 1929.603 $\pm$ 548.882 χ^2 /NDF: 33.5/29

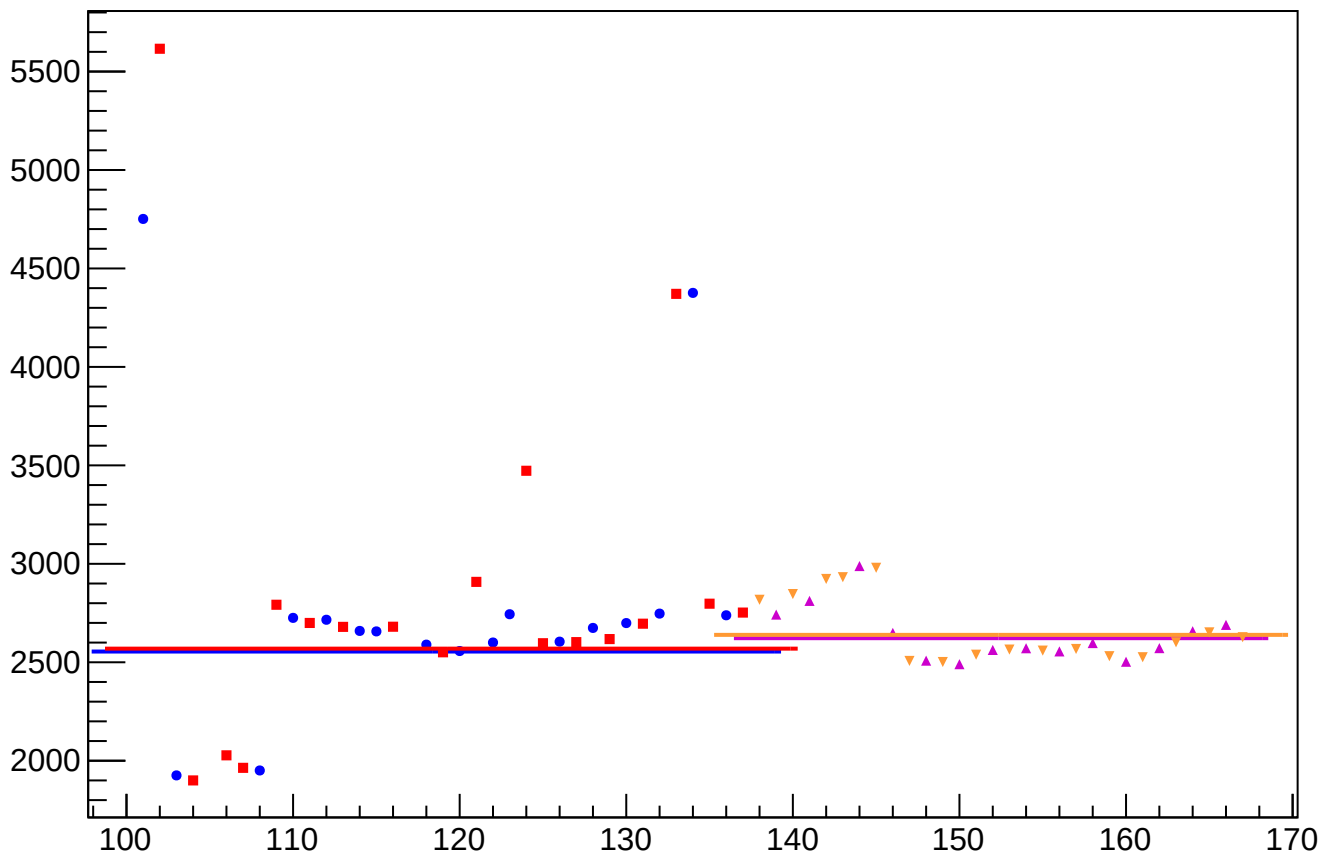
Right: 3329.431 $\pm$ 711.415 χ^2 /NDF: 30.2/34

In: 3728.456 $\pm$ 622.992 χ^2 /NDF:15.5/30

Out: 1242.137 $\pm$ 606.496 χ^2 /NDF:42.4/33

All: 2451.943 $\pm$ 434.572 χ^2 /NDF: 66.1/64

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.203 $\pm$ 0.538 χ^2 /NDF:80439.6/15

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2622.367 $\pm$ 0.560 χ^2 /NDF:52835.5/13

Left: 2631.125 $\pm$ 0.388 χ^2 /NDF: 133744.8/29

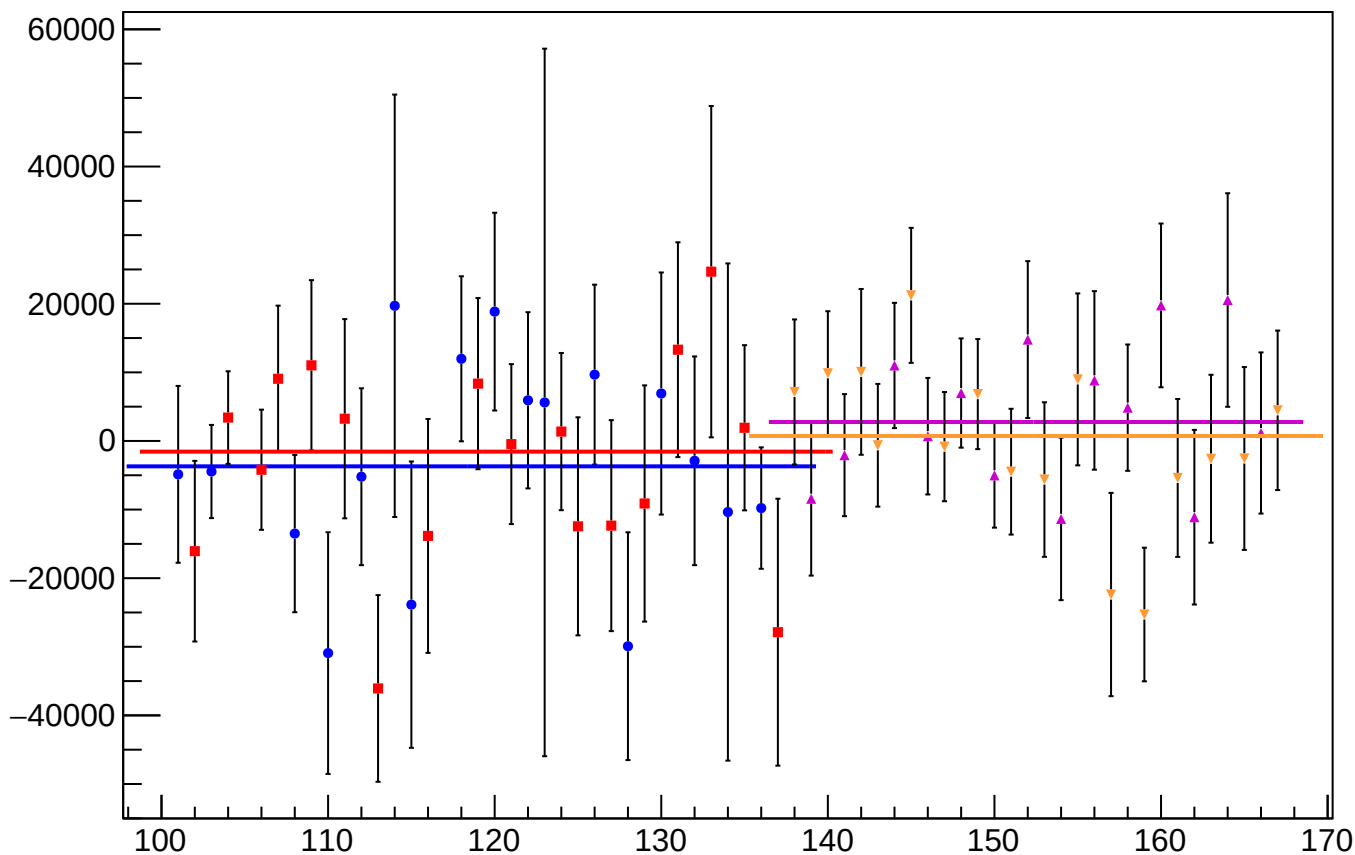
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2596.463 $\pm$ 0.441 χ^2 /NDF:595057.9/30

Out: 2613.670 $\pm$ 0.429 χ^2 /NDF:809939.6/33

All: 2605.298 $\pm$ 0.307 χ^2 /NDF: 1405780.9/64

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 726.907 $\pm$ 2576.050 χ^2/NDF : 18.1/15

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2763.861 $\pm$ 2706.636 χ^2/NDF : 10.8/13

Left: 1695.063 $\pm$ 1866.000 χ^2/NDF : 29.3/29

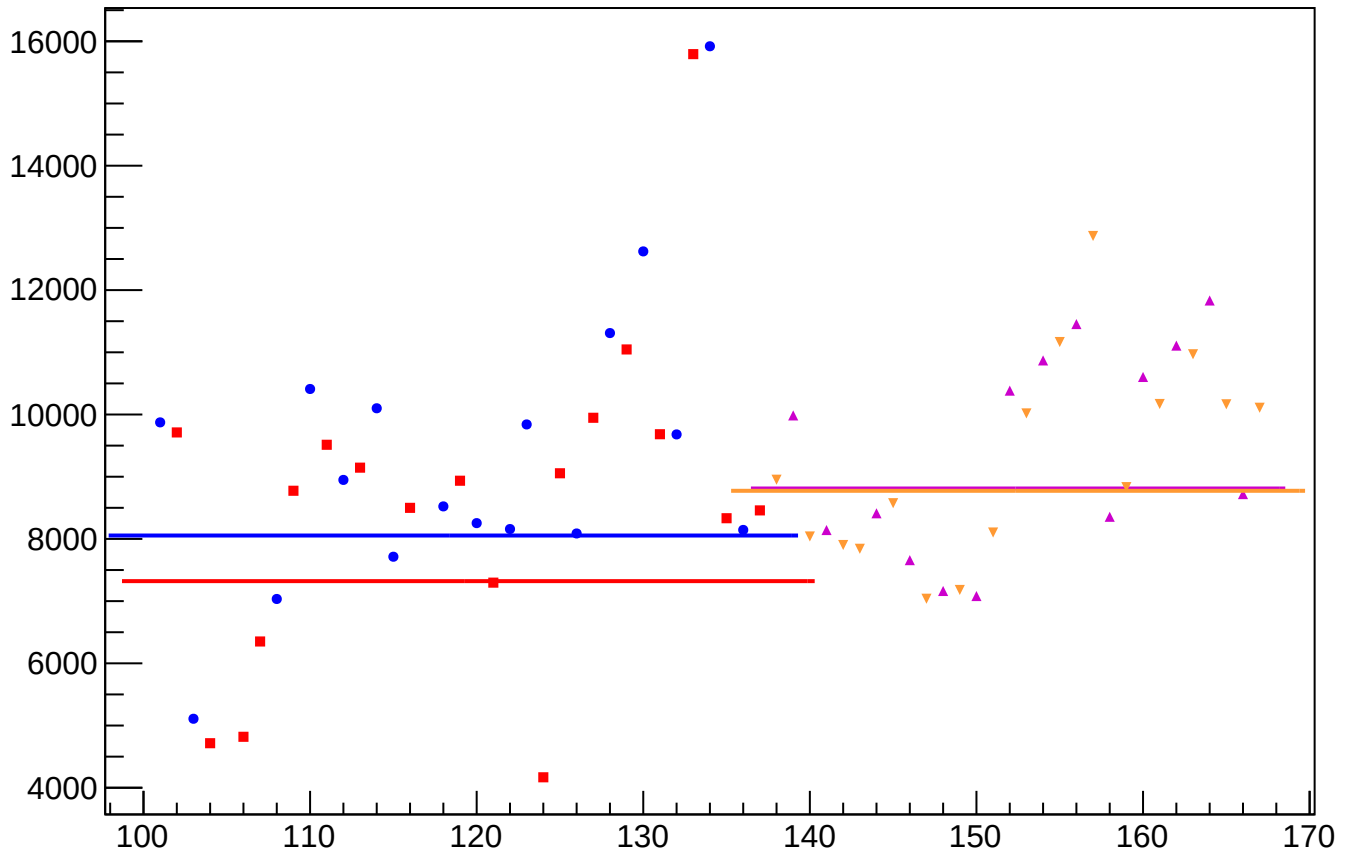
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: 85.756 $\pm$ 2071.327 χ^2/NDF : 27.0/30

Out: -275.281 $\pm$ 1929.369 χ^2/NDF : 35.3/33

All: -107.557 $\pm$ 1411.790 χ^2/NDF : 62.3/64

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8773.675 $\pm$ 1.822 χ^2 /NDF: 623653.6/15

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8810.564 $\pm$ 1.914 χ^2 /NDF: 633935.8/13

Left: 8791.209 $\pm$ 1.319 χ^2 /NDF: 1257784.4/29

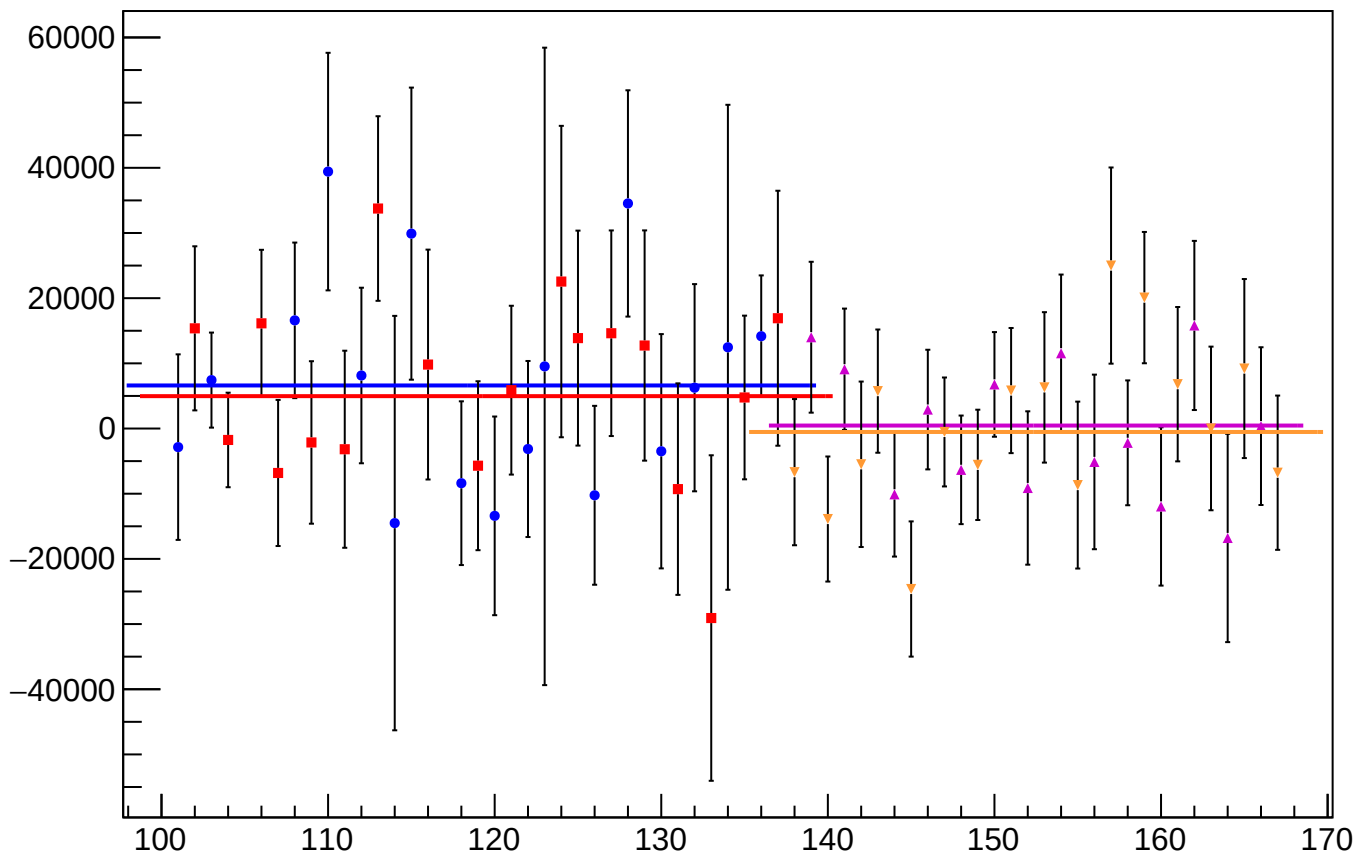
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8497.402 $\pm$ 1.465 χ^2 /NDF: 1519315.6/30

Out: 8136.062 $\pm$ 1.364 χ^2 /NDF: 2238684.2/33

All: 8303.926 $\pm$ 0.998 χ^2 /NDF: 3790589.0/64

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -528.334+/-2687.618 χ^2/NDF : 18.0/15

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 456.857+/-2819.397 χ^2/NDF : 10.2/13

Left: -59.300+/-1945.352 χ^2/NDF : 28.2/29

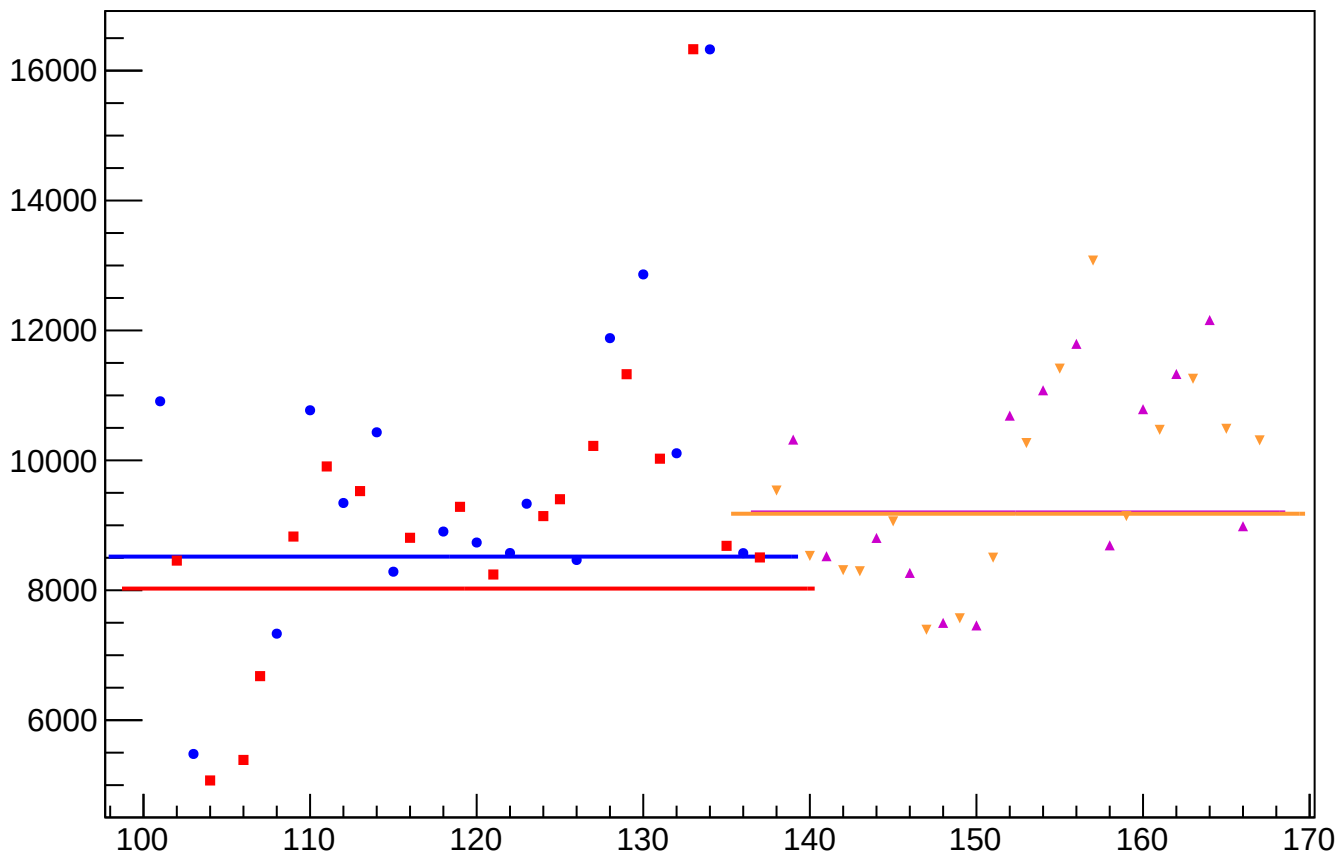
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 2966.500+/-2169.213 χ^2/NDF : 26.8/30

Out: 1764.384+/-2051.850 χ^2/NDF : 33.3/33

All: 2332.043+/-1490.641 χ^2/NDF : 60.3/64

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 9178.372 $\pm$ 1.900 χ^2/NDF : 539839.3/15

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 9198.055 $\pm$ 1.994 χ^2/NDF : 549337.6/13

Left: 9187.743 $\pm$ 1.376 χ^2/NDF : 1089228.1/29

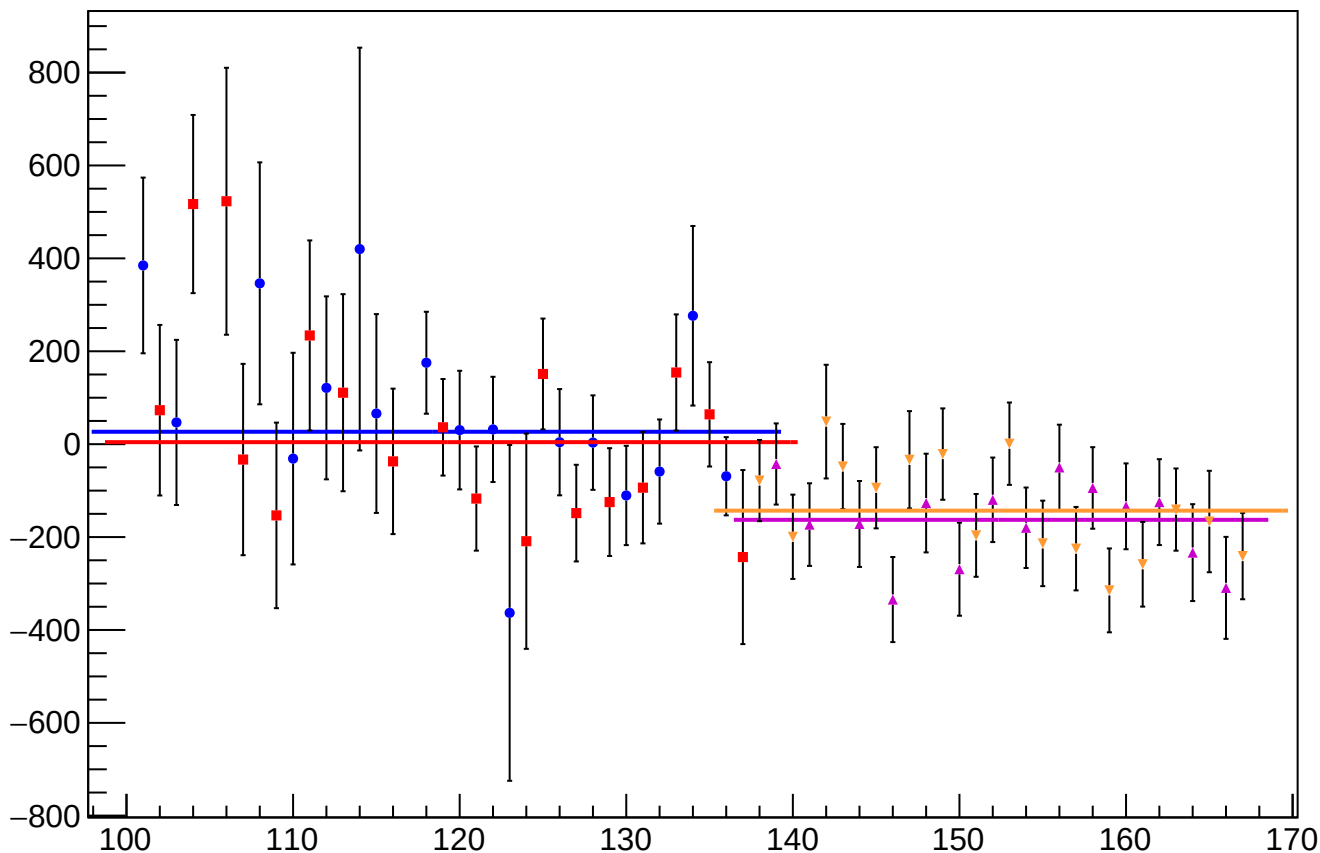
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 8920.677 $\pm$ 1.534 χ^2/NDF : 1368774.4/30

Out: 8697.657 $\pm$ 1.451 χ^2/NDF : 1635873.2/33

All: 8802.969 $\pm$ 1.054 χ^2/NDF : 3015805.3/64

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2 /NDF: 14.5/16

Left Out: -143.114 $\pm$ 23.382 χ^2 /NDF:18.2/15

Right Out: 4.338 $\pm$ 33.842 χ^2 /NDF: 23.9/17

Left In: -162.877 $\pm$ 25.055 χ^2 /NDF:11.6/13

Left: -152.314 $\pm$ 17.095 χ^2 /NDF: 30.1/29

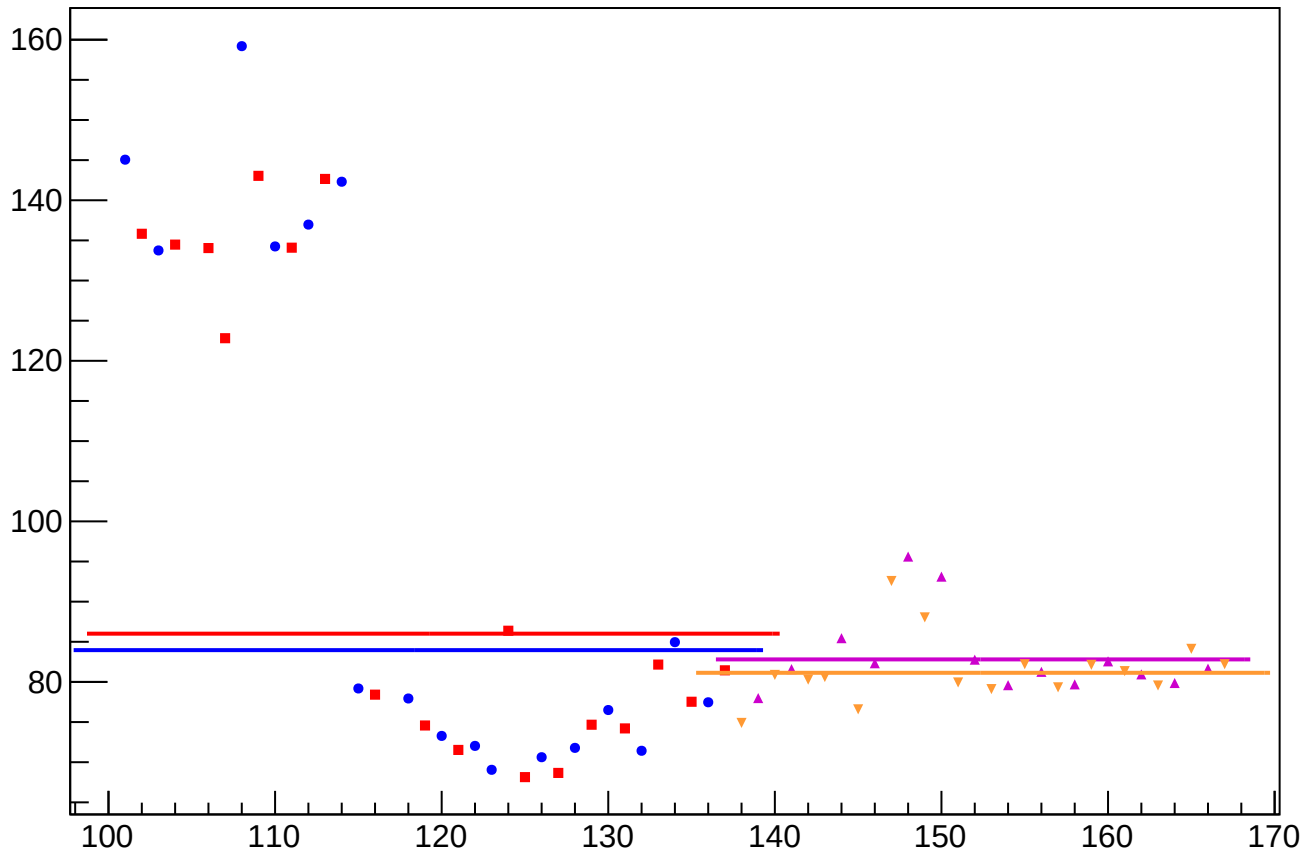
Right: 15.597 $\pm$ 23.853 χ^2 /NDF: 38.7/34

In: -95.194 $\pm$ 20.091 χ^2 /NDF:46.5/30

Out: -95.468 $\pm$ 19.237 χ^2 /NDF:55.0/33

All: -95.337 $\pm$ 13.895 χ^2 /NDF: 101.5/64

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.137 $\pm$ 0.017 χ^2 /NDF: 54648.6/15

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 82.806 $\pm$ 0.018 χ^2 /NDF: 66848.5/13

Left: 81.914 $\pm$ 0.012 χ^2 /NDF: 126237.8/29

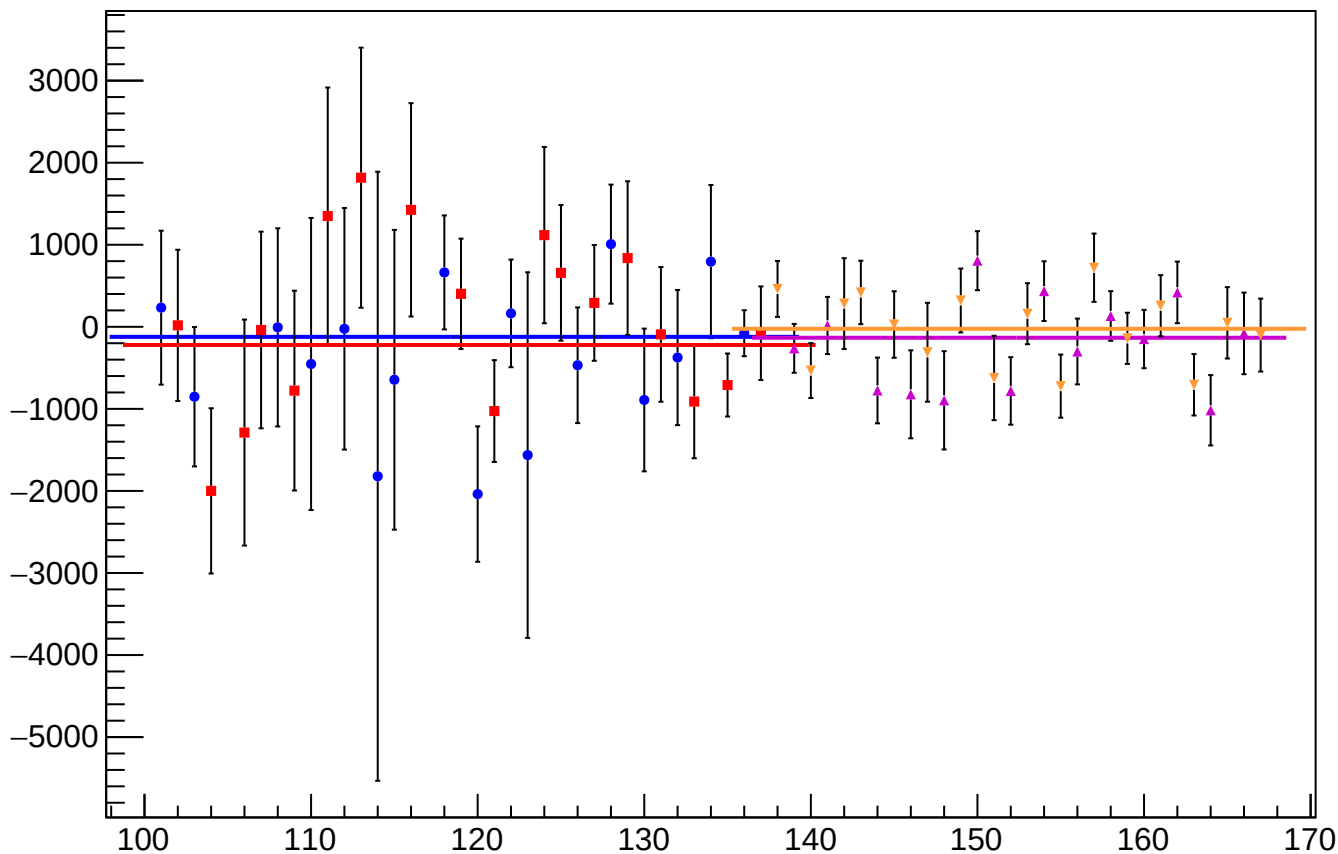
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.218 $\pm$ 0.014 χ^2 /NDF: 1028619.2/30

Out: 82.712 $\pm$ 0.014 χ^2 /NDF: 1109143.2/33

All: 82.954 $\pm$ 0.010 χ^2 /NDF: 2138423.2/64

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -24.250+/-99.290 χ^2/NDF :19.2/15

Right Out: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -133.155+/-102.654 χ^2/NDF :25.3/13

Left: -76.889+/-71.368 χ^2/NDF : 45.1/29

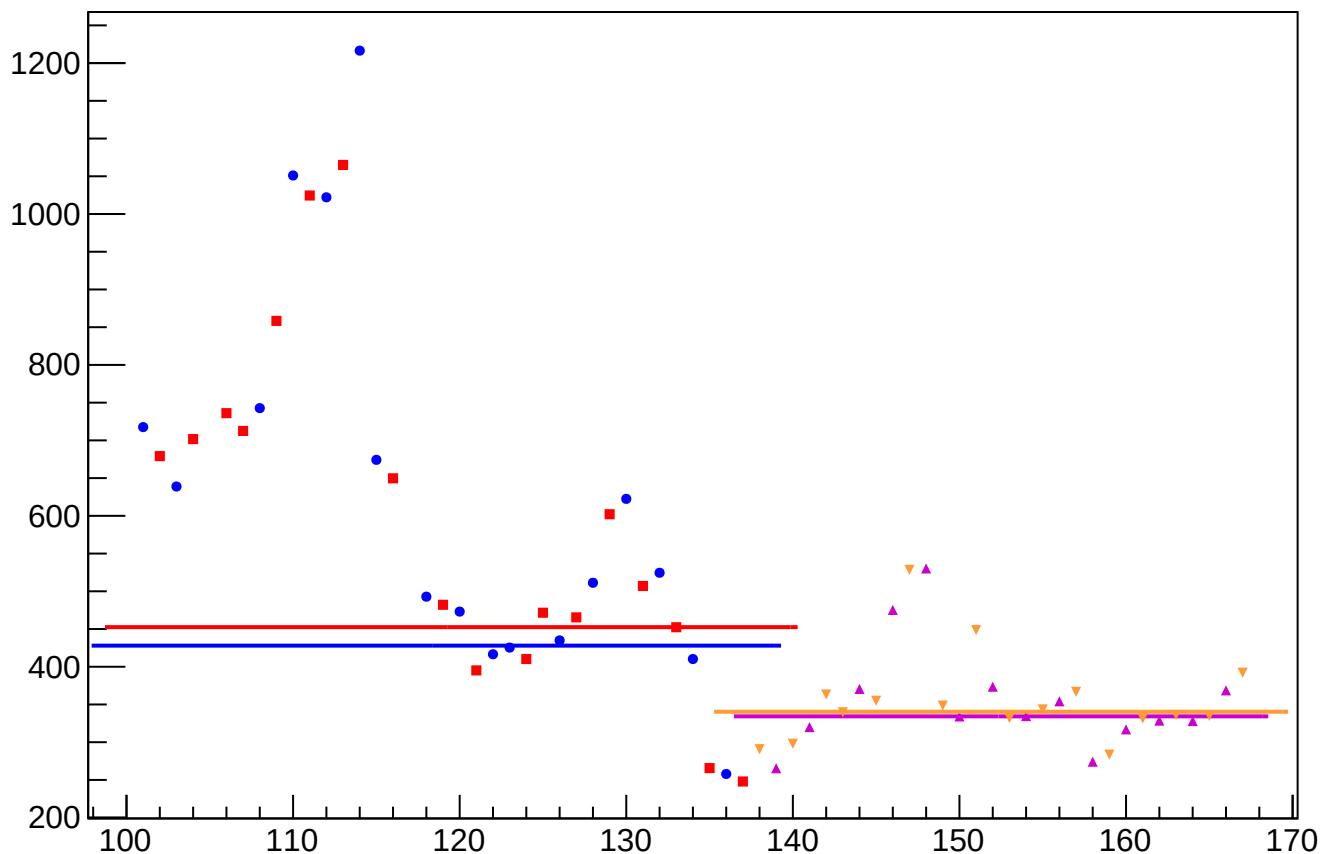
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -130.509+/-89.122 χ^2/NDF :38.4/30

Out: -68.332+/-87.497 χ^2/NDF :38.1/33

All: -98.848+/-62.436 χ^2/NDF : 76.7/64

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 340.377 $\pm$ 0.070 χ^2/NDF :469289.4/15

Right Out: 452.508 $\pm$ 0.131 χ^2/NDF : 2073032.9/17

Left In: 334.249 $\pm$ 0.073 χ^2/NDF :597027.5/13

Left: 337.415 $\pm$ 0.050 χ^2/NDF : 1069999.3/29

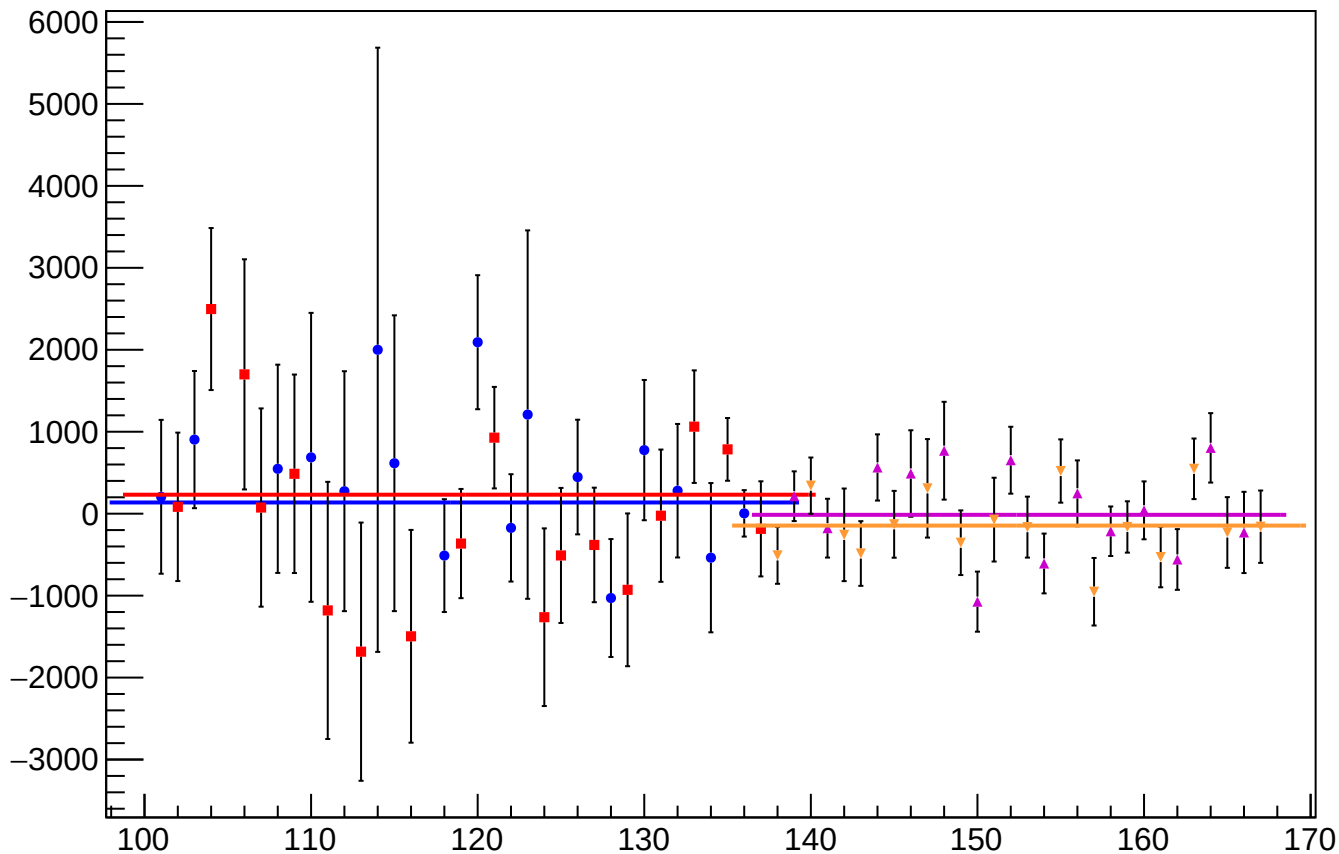
Right: 439.876 $\pm$ 0.091 χ^2/NDF : 4153360.2/34

In: 357.334 $\pm$ 0.063 χ^2/NDF :3069958.0/30

Out: 365.433 $\pm$ 0.062 χ^2/NDF :3112275.8/33

All: 361.458 $\pm$ 0.044 χ^2/NDF : 6190644.0/64

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -145.236 $\pm$ 99.713 χ^2 /NDF:16.2/15

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -14.060 $\pm$ 103.025 χ^2 /NDF:26.1/13

Left: -81.791 $\pm$ 71.650 χ^2 /NDF: 43.1/29

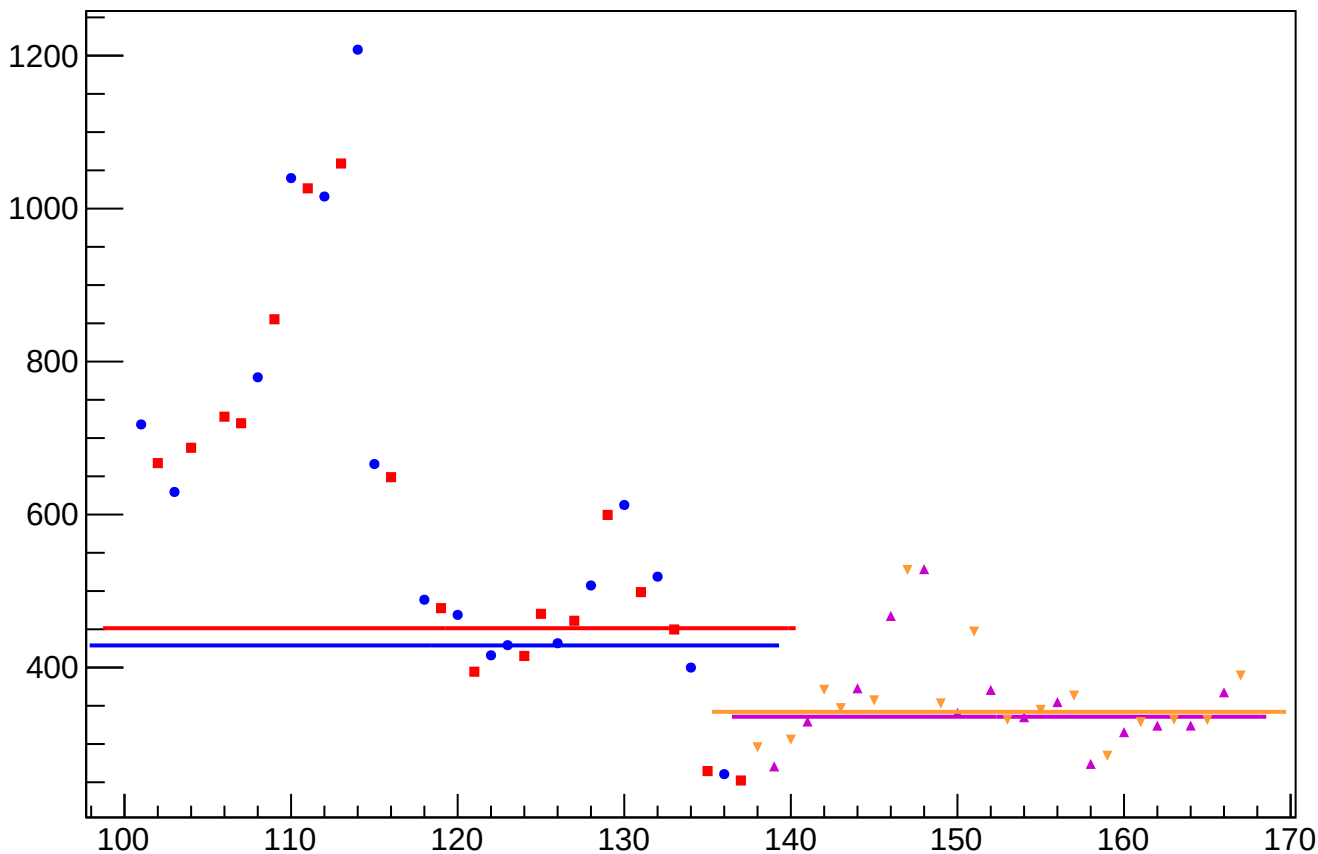
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 23.291 $\pm$ 89.367 χ^2 /NDF:39.2/30

Out: -60.108 $\pm$ 87.730 χ^2 /NDF:41.2/33

All: -19.180 $\pm$ 62.605 χ^2 /NDF: 80.9/64

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: 451.411 $\pm$ 0.131 χ^2/NDF : 2030742.8/17

Left In: 335.654 $\pm$ 0.073 χ^2/NDF : 564201.9/13

Left: 338.954 $\pm$ 0.051 χ^2/NDF : 1013568.5/29

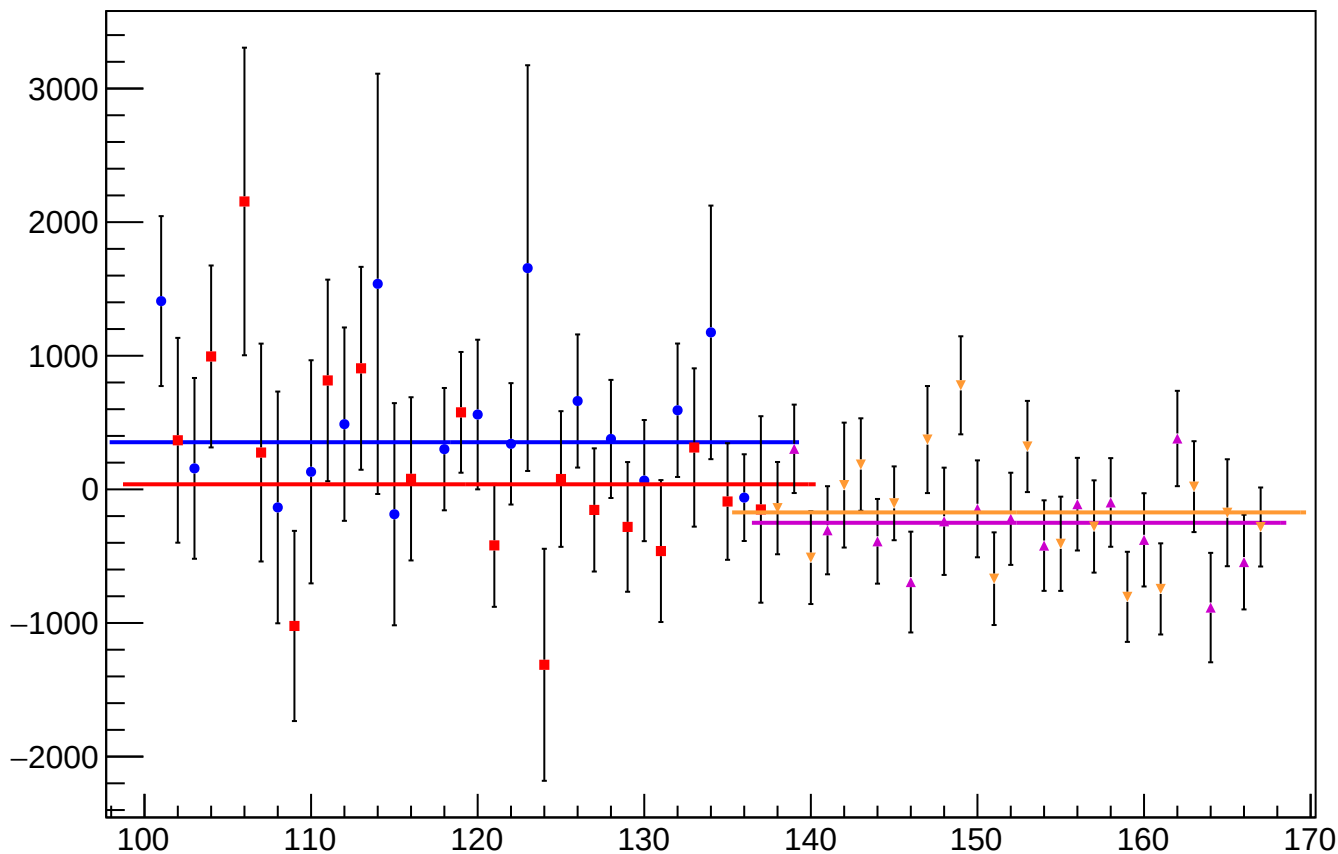
Right: 439.843 $\pm$ 0.091 χ^2/NDF : 4056629.4/34

In: 358.736 $\pm$ 0.063 χ^2/NDF : 2980304.3/30

Out: 366.752 $\pm$ 0.062 χ^2/NDF : 3019666.4/33

All: 362.818 $\pm$ 0.044 χ^2/NDF : 6008164.1/64

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: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -250.127 ± 93.813 $\chi^2/\text{NDF}: 11.5/13$

Left: -208.154 ± 63.625 $\chi^2/\text{NDF}: 34.2/29$

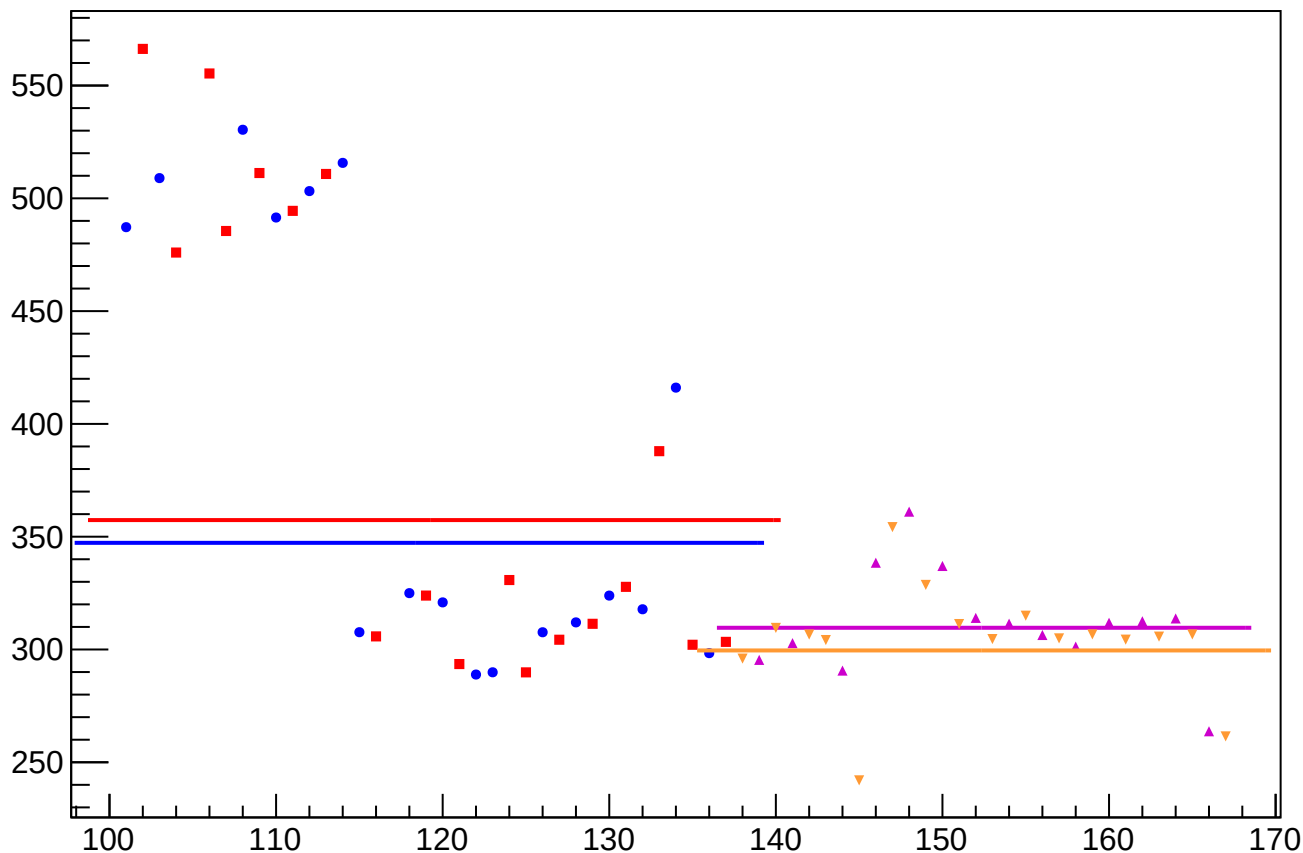
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: -58.189 ± 77.458 $\chi^2/\text{NDF}: 33.2/30$

Out: -113.607 ± 73.494 $\chi^2/\text{NDF}: 40.9/33$

All: -87.352 ± 53.314 $\chi^2/\text{NDF}: 74.3/64$

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: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 309.624+/-0.066 χ^2/NDF :103448.6/13

Left: 304.197+/-0.045 χ^2/NDF : 298008.1/29

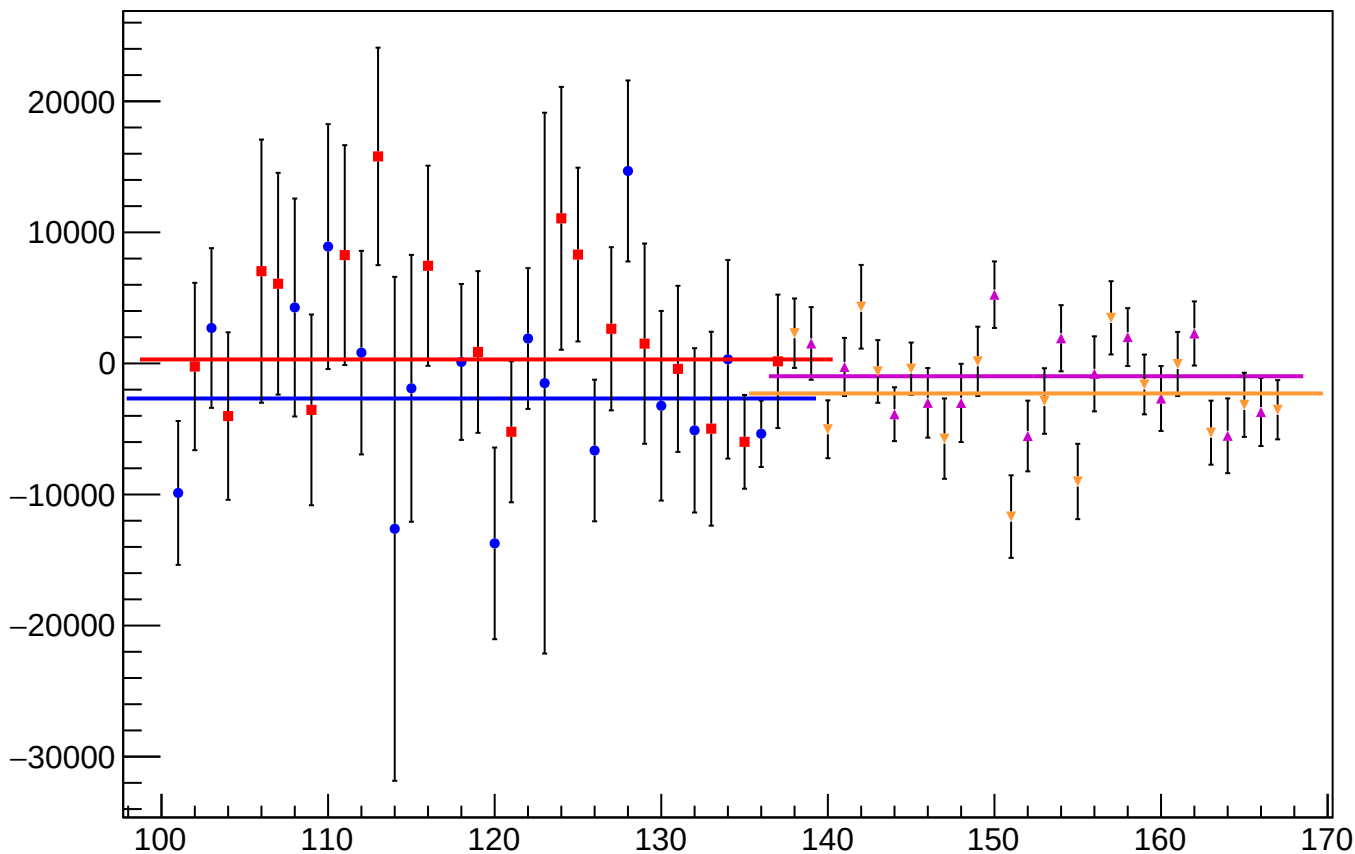
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 321.609+/-0.055 χ^2/NDF :824914.2/30

Out: 315.725+/-0.052 χ^2/NDF :1191113.4/33

All: 318.513+/-0.038 χ^2/NDF : 2022100.6/64

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2290.445+/-629.878 χ^2/NDF : 33.9/15

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -977.326+/-673.950 χ^2/NDF : 21.9/13

Left: -1678.221+/-460.183 χ^2/NDF : 57.8/29

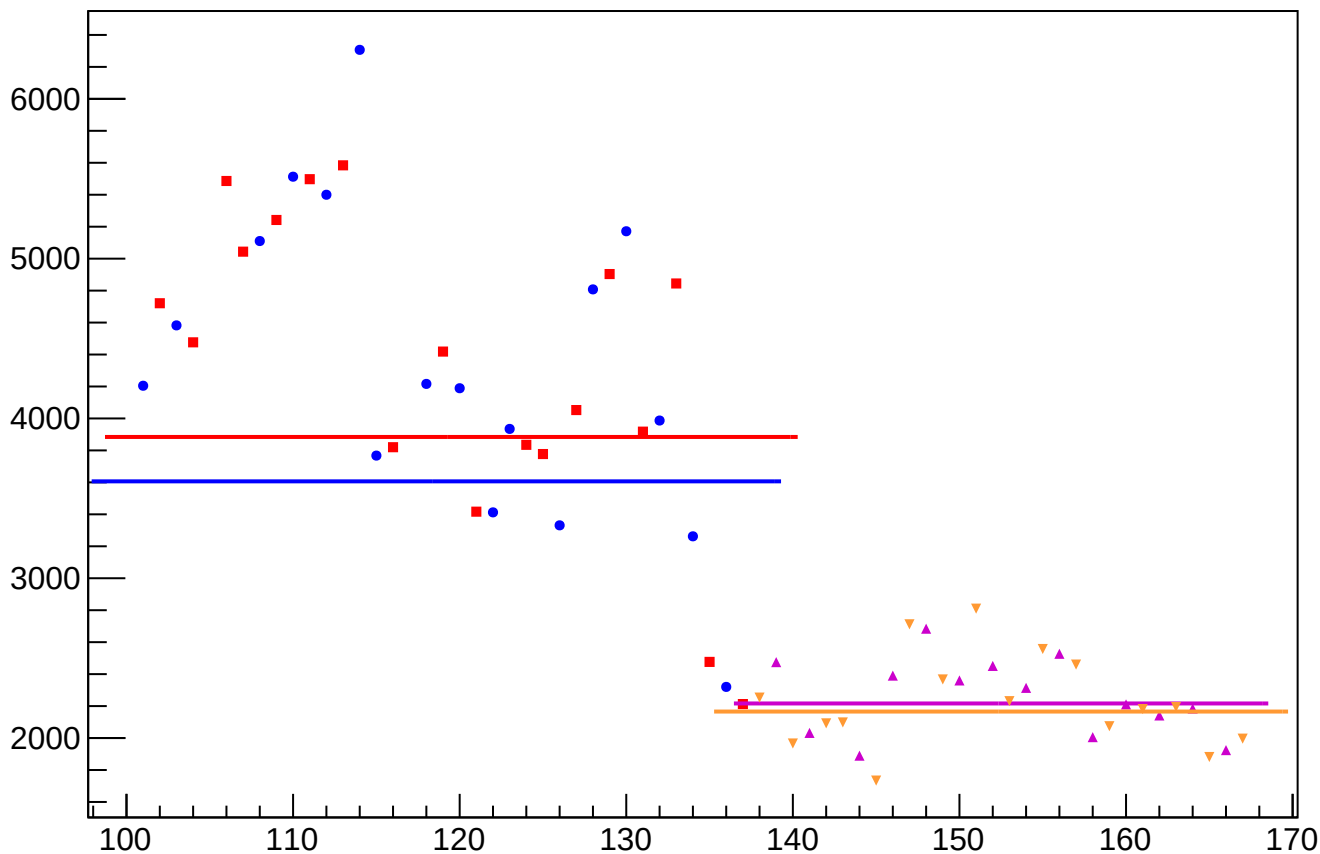
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1276.646+/-611.621 χ^2/NDF : 39.7/30

Out: -1909.169+/-581.772 χ^2/NDF : 50.7/33

All: -1608.718+/-421.533 χ^2/NDF : 91.0/64

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2165.800+/-0.445 χ^2/NDF : 376083.2/15

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2216.437+/-0.477 χ^2/NDF : 233346.3/13

Left: 2189.409+/-0.325 χ^2/NDF : 615456.0/29

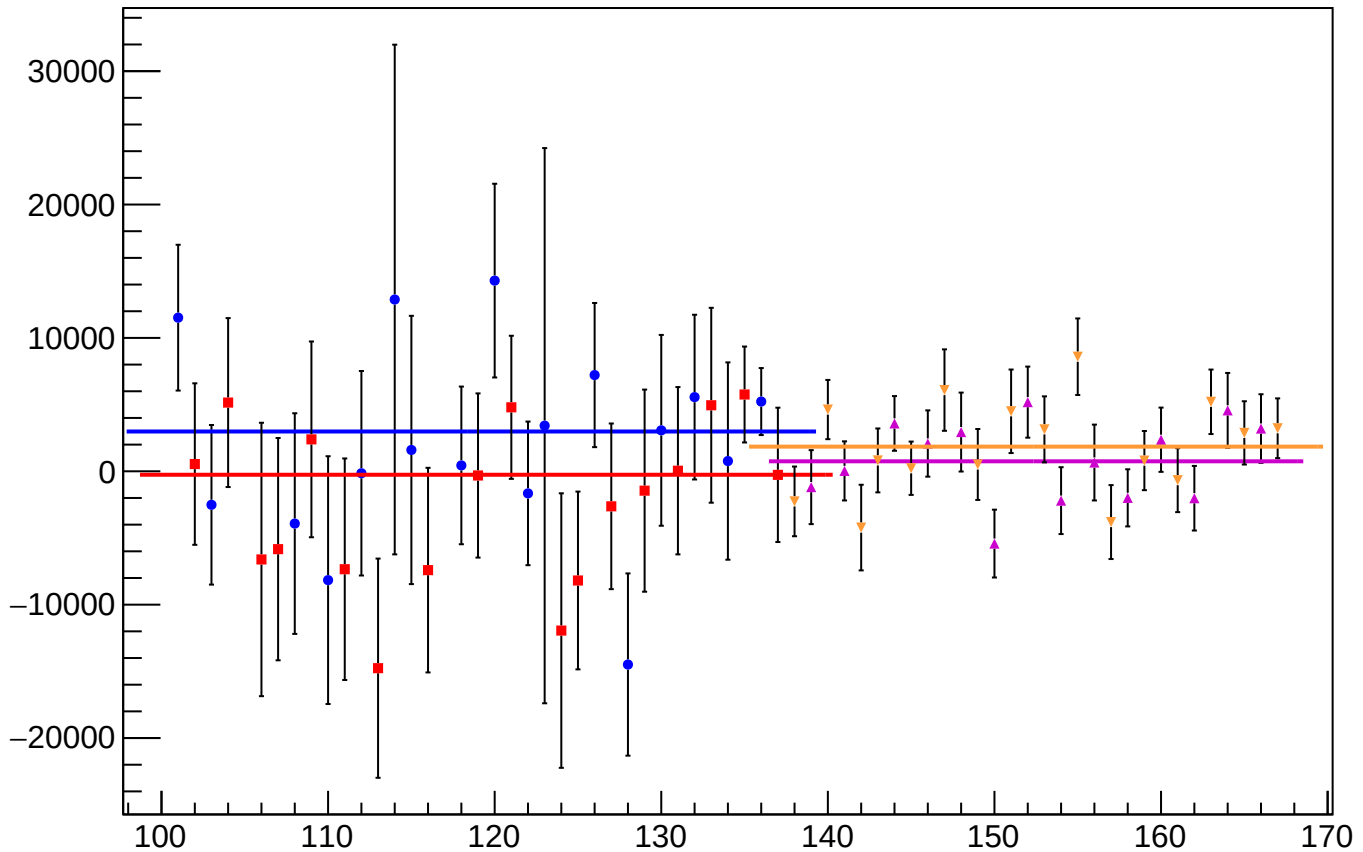
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2461.637+/-0.432 χ^2/NDF : 2826534.6/30

Out: 2418.254+/-0.411 χ^2/NDF : 3557540.1/33

All: 2438.861+/-0.298 χ^2/NDF : 6389357.5/64

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: -259.721 $\pm$ 1510.344 χ^2 /NDF: 13.5/17

Left In: 748.852 $\pm$ 664.413 χ^2 /NDF:19.5/13

Left: 1332.730 $\pm$ 455.135 χ^2 /NDF: 46.1/29

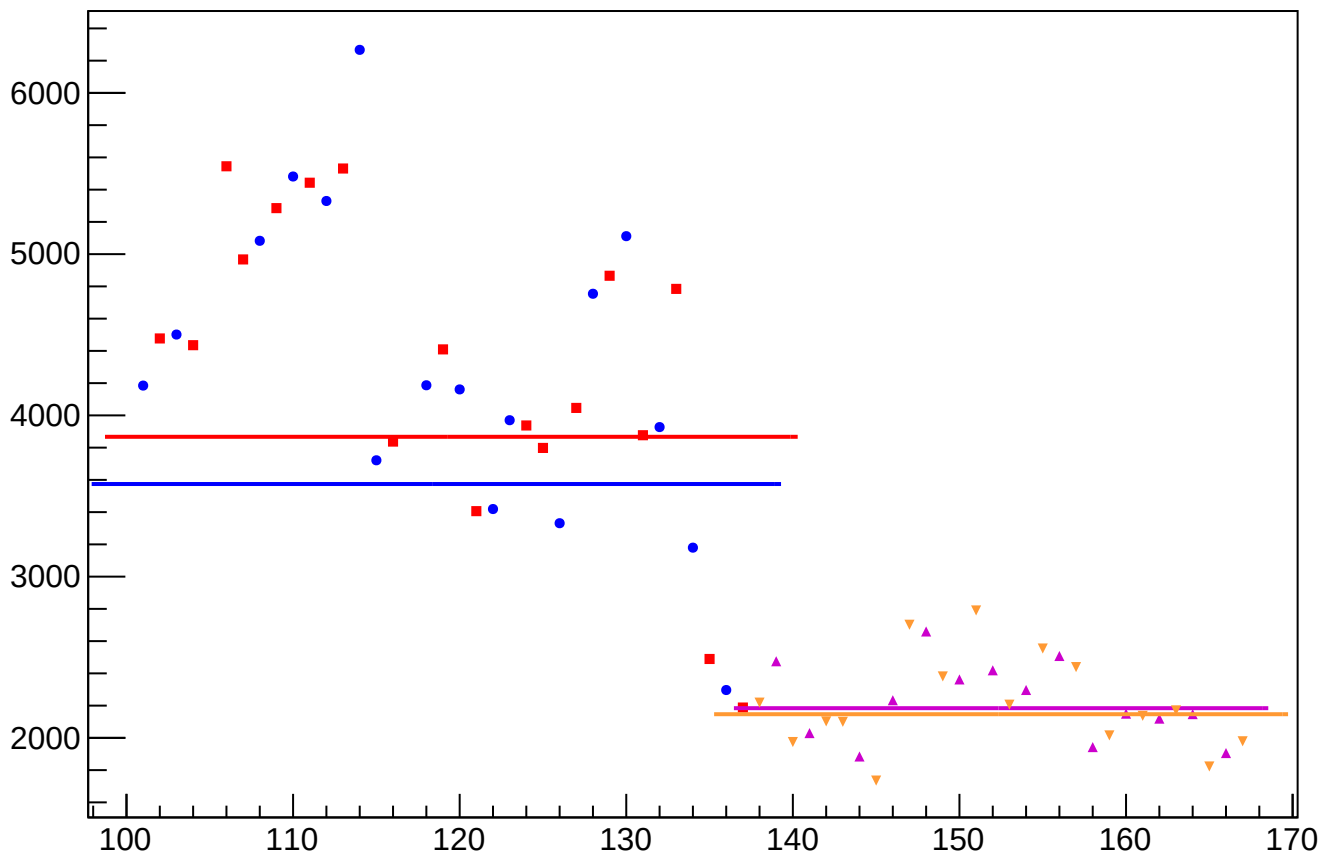
Right: 1435.156 $\pm$ 1043.589 χ^2 /NDF: 33.3/34

In: 1139.474 $\pm$ 603.559 χ^2 /NDF:39.0/30

Out: 1540.878 $\pm$ 577.297 χ^2 /NDF:40.3/33

All: 1349.099 $\pm$ 417.186 χ^2 /NDF: 79.5/64

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2146.722 $\pm$ 0.442 χ^2/NDF : 385159.1/15

Right Out: 3867.232 $\pm$ 1.068 χ^2/NDF : 968137.9/17

Left In: 2184.107 $\pm$ 0.470 χ^2/NDF : 233316.4/13

Left: 2164.265 $\pm$ 0.322 χ^2/NDF : 621836.2/29

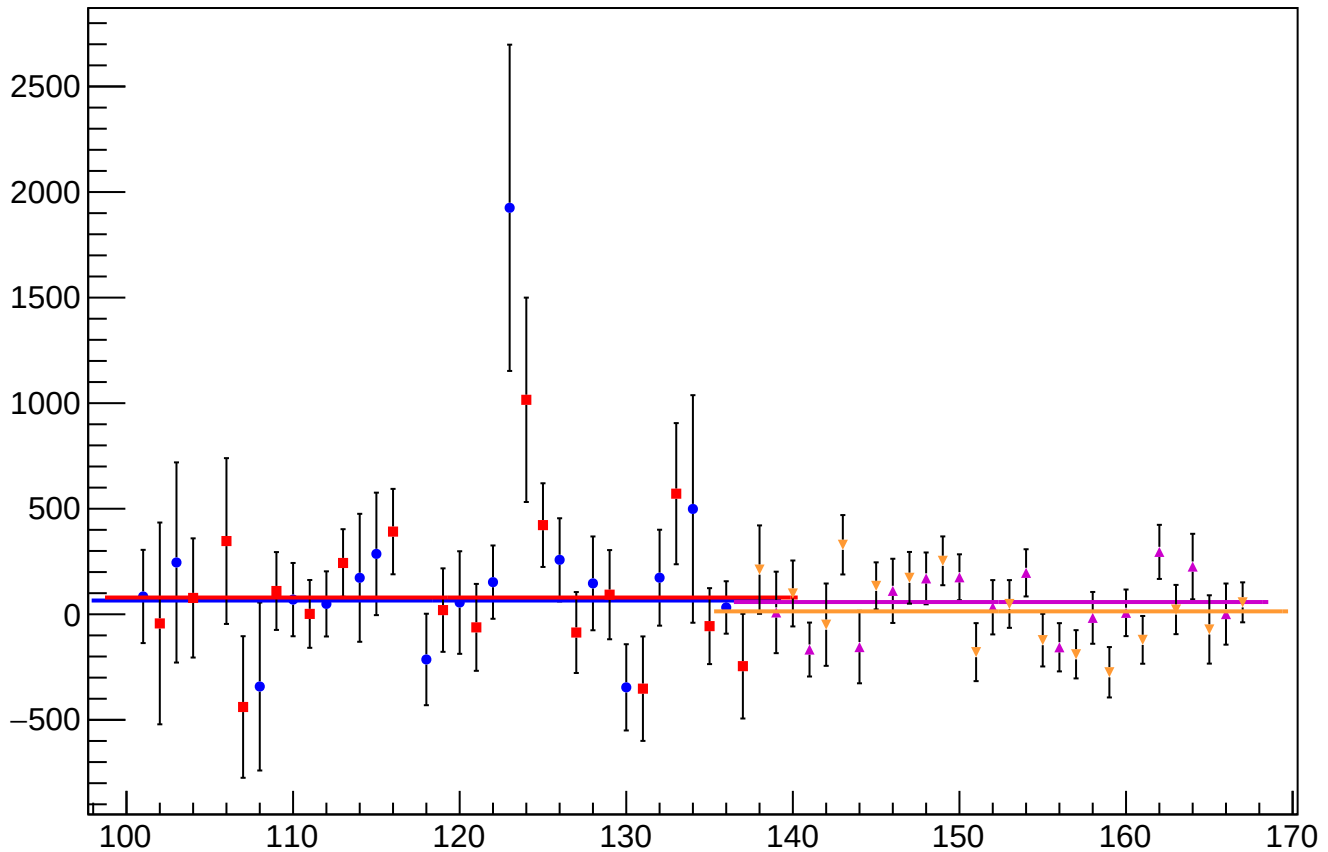
Right: 3714.186 $\pm$ 0.738 χ^2/NDF : 2098786.6/34

In: 2427.116 $\pm$ 0.427 χ^2/NDF : 2855294.7/30

Out: 2398.086 $\pm$ 0.408 χ^2/NDF : 3569451.4/33

All: 2411.956 $\pm$ 0.295 χ^2/NDF : 6427162.3/64

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 13.899 $\pm$ 31.522 χ^2 /NDF: 27.7/15

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 58.052 $\pm$ 34.670 χ^2 /NDF: 17.3/13

Left: 33.881 $\pm$ 23.323 χ^2 /NDF: 45.8/29

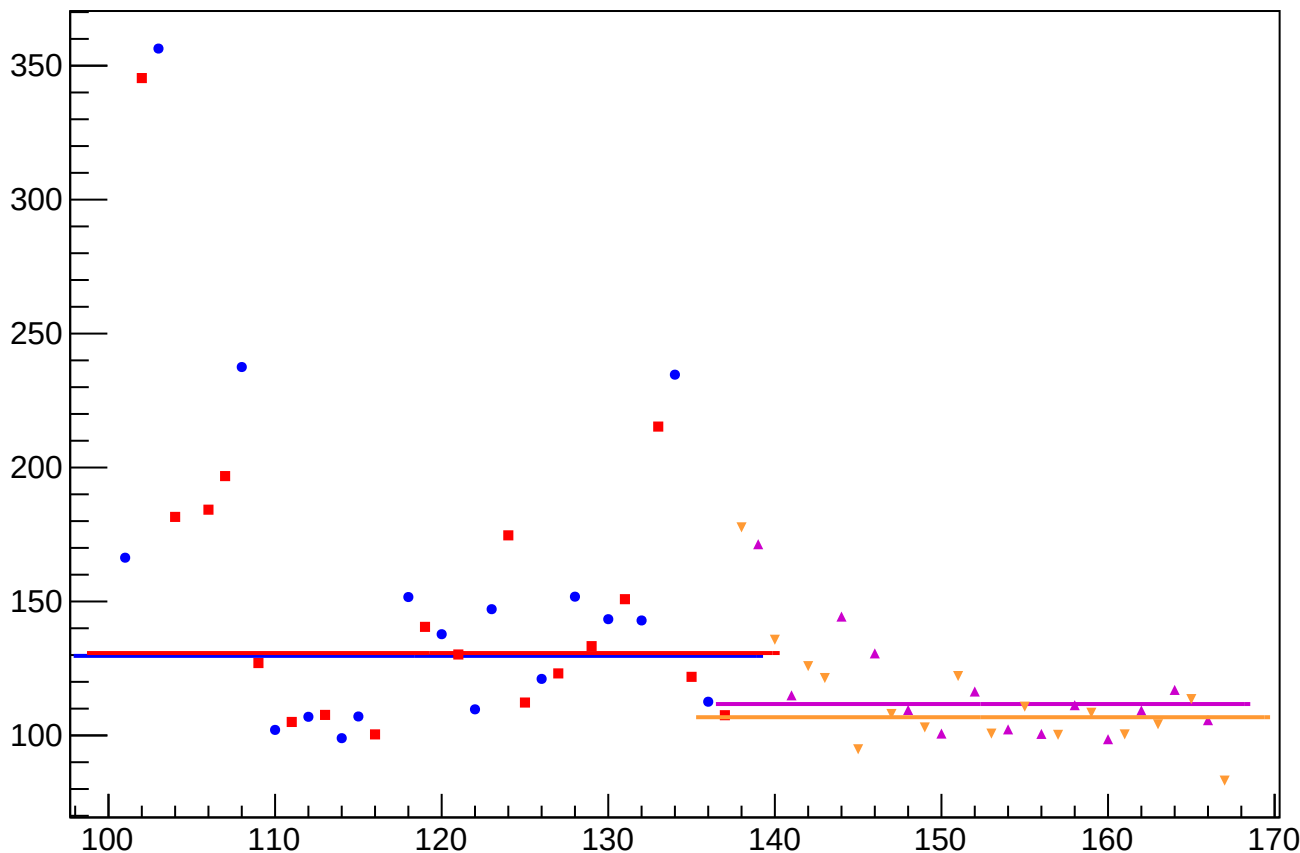
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 60.219 $\pm$ 28.964 χ^2 /NDF: 33.0/30

Out: 31.351 $\pm$ 27.004 χ^2 /NDF: 51.0/33

All: 44.775 $\pm$ 19.751 χ^2 /NDF: 84.5/64

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 106.798 $\pm$ 0.022 χ^2 /NDF:539975.8/15

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 111.719 $\pm$ 0.025 χ^2 /NDF:387744.9/13

Left: 109.025 $\pm$ 0.016 χ^2 /NDF: 949780.4/29

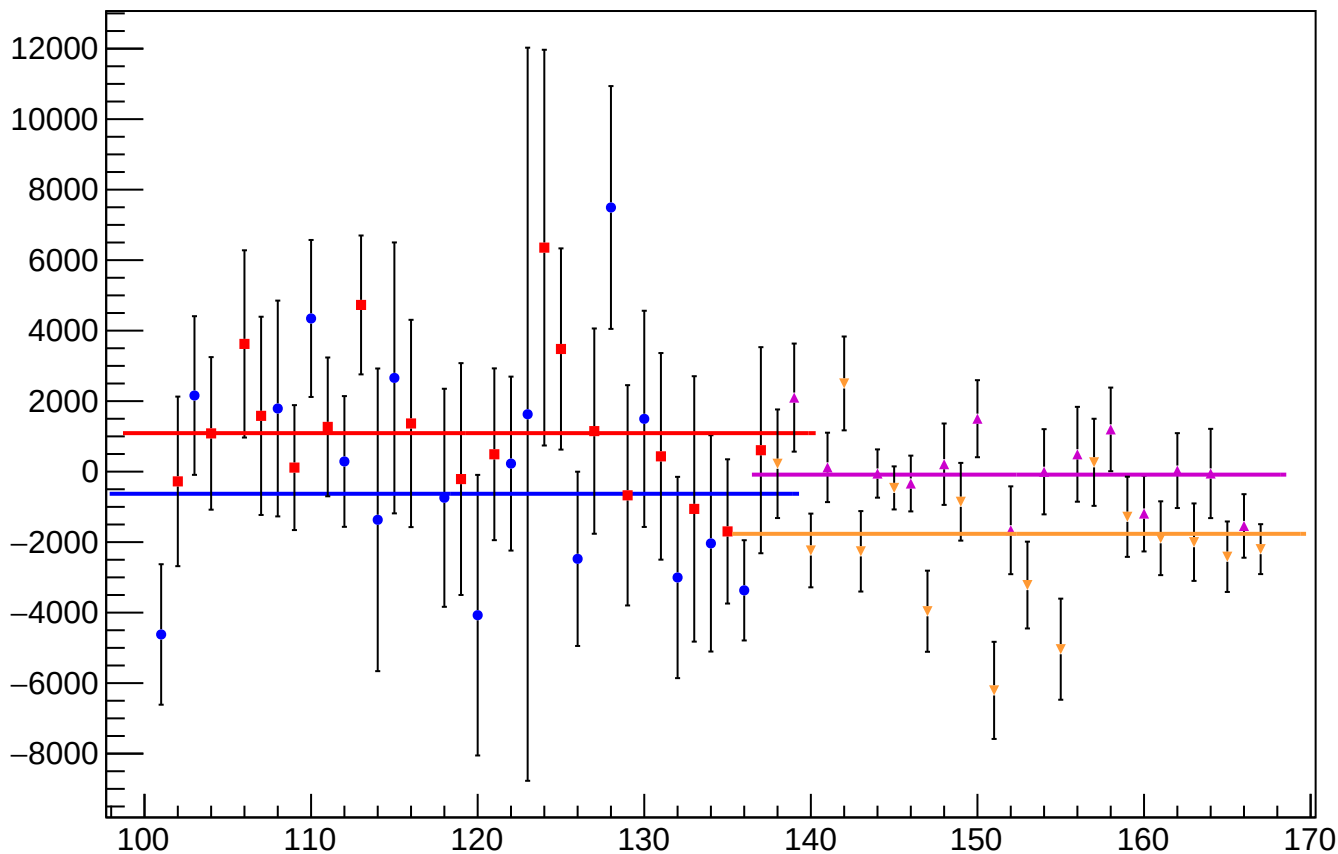
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 117.149 $\pm$ 0.020 χ^2 /NDF:1539862.0/30

Out: 113.173 $\pm$ 0.019 χ^2 /NDF:1774866.9/33

All: 115.022 $\pm$ 0.014 χ^2 /NDF: 3334895.2/64

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1764.488 ± 260.278 χ^2/NDF : 41.9/15

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: -85.187 ± 277.678 χ^2/NDF : 11.0/13

Left: -979.098 ± 189.898 χ^2/NDF : 72.4/29

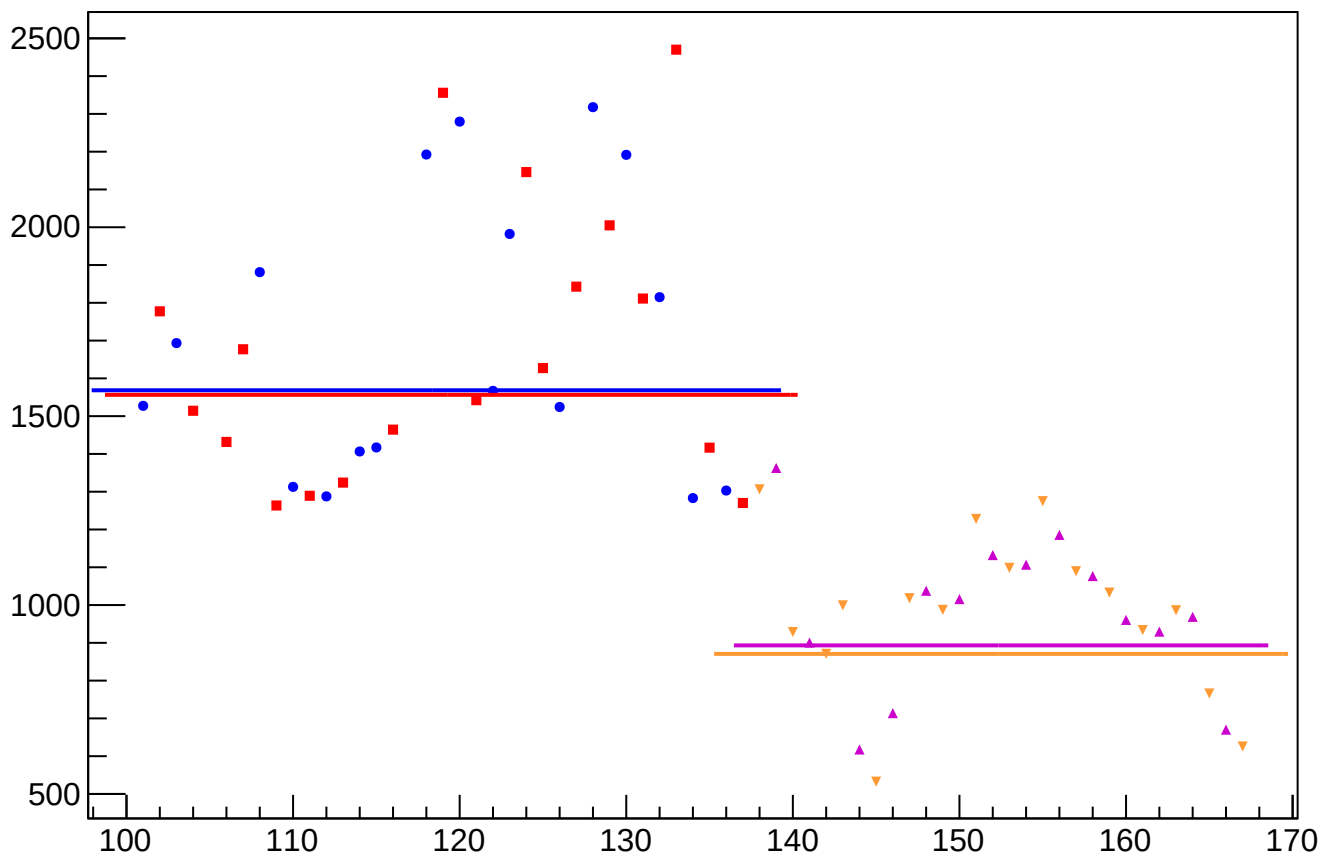
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: -175.544 ± 253.524 χ^2/NDF : 35.9/30

Out: -1311.440 ± 238.746 χ^2/NDF : 70.4/33

All: -777.560 ± 173.809 χ^2/NDF : 117.0/64

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2/NDF : 534197.6/16

Left Out: 870.721 $\pm$ 0.184 χ^2/NDF : 1615483.3/15

Right Out: 1556.423 $\pm$ 0.424 χ^2/NDF : 510453.6/17

Left In: 893.247 $\pm$ 0.196 χ^2/NDF : 1088933.9/13

Left: 881.256 $\pm$ 0.134 χ^2/NDF : 2711423.2/29

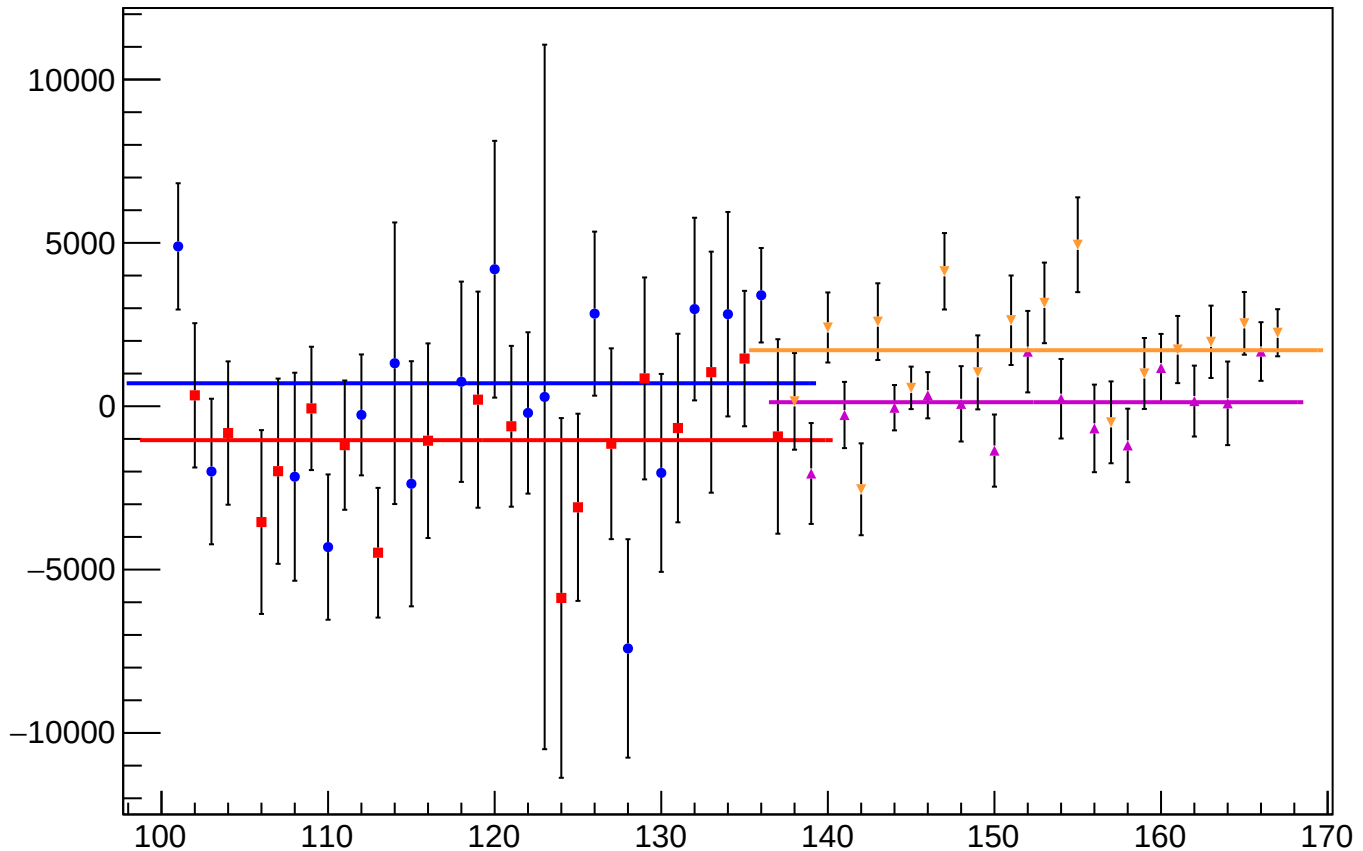
Right: 1562.235 $\pm$ 0.305 χ^2/NDF : 1045041.2/34

In: 1005.611 $\pm$ 0.179 χ^2/NDF : 3591144.6/30

Out: 979.478 $\pm$ 0.169 χ^2/NDF : 4327580.7/33

All: 991.761 $\pm$ 0.123 χ^2/NDF : 7929988.2/64

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: -1038.423 $\pm$ 604.250 χ^2 /NDF: 8.2/17

Left In: 123.585 $\pm$ 273.925 χ^2 /NDF:11.4/13

Left: 948.666 $\pm$ 190.061 χ^2 /NDF: 59.6/29

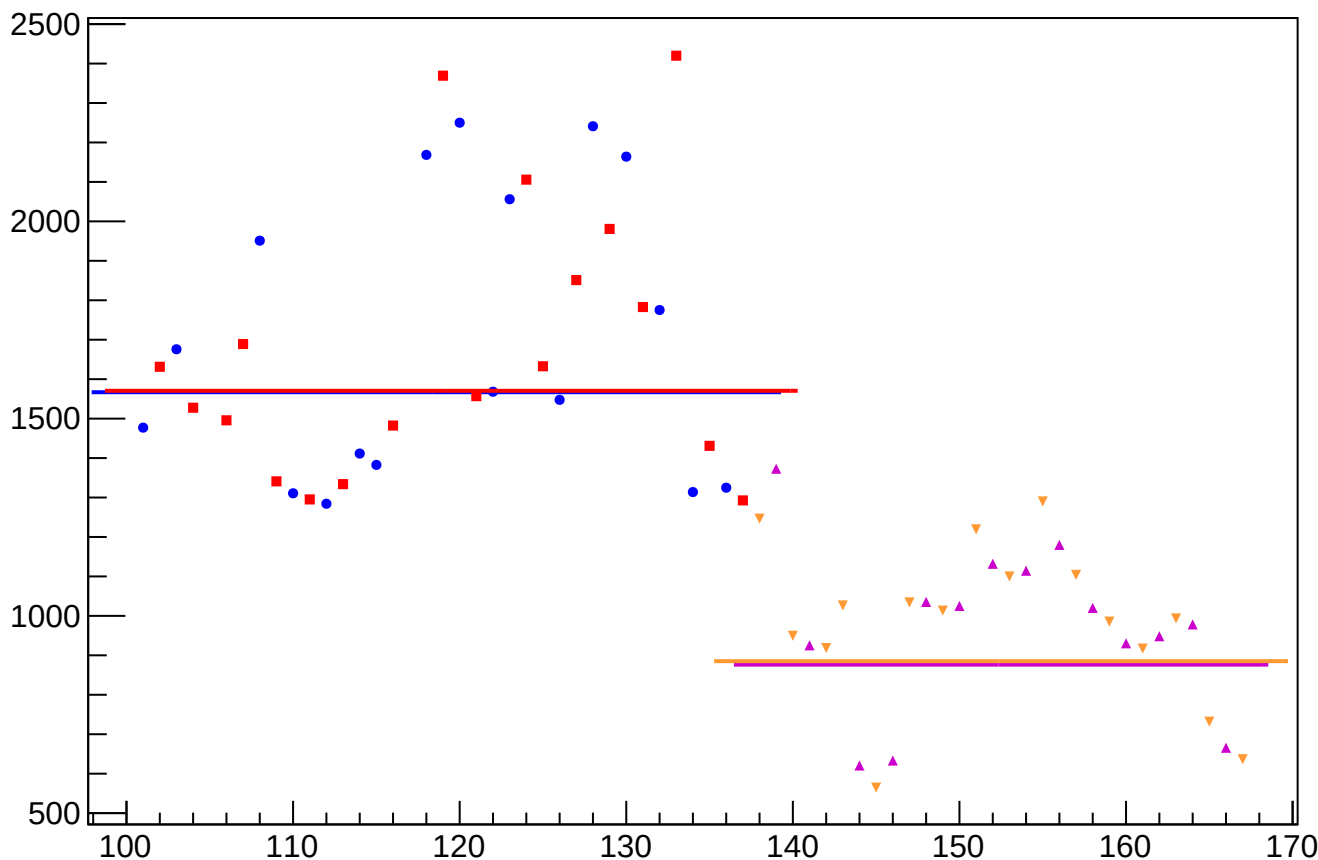
Right: -190.951 $\pm$ 432.940 χ^2 /NDF: 38.2/34

In: 218.067 $\pm$ 250.600 χ^2 /NDF:38.1/30

Out: 1273.543 $\pm$ 241.863 χ^2 /NDF:56.3/33

All: 764.525 $\pm$ 174.030 χ^2 /NDF: 103.6/64

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 885.204 $\pm$ 0.187 χ^2 /NDF: 1423798.3/15

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 876.417 $\pm$ 0.194 χ^2 /NDF: 1226731.0/13

Left: 880.974 $\pm$ 0.134 χ^2 /NDF: 2651596.7/29

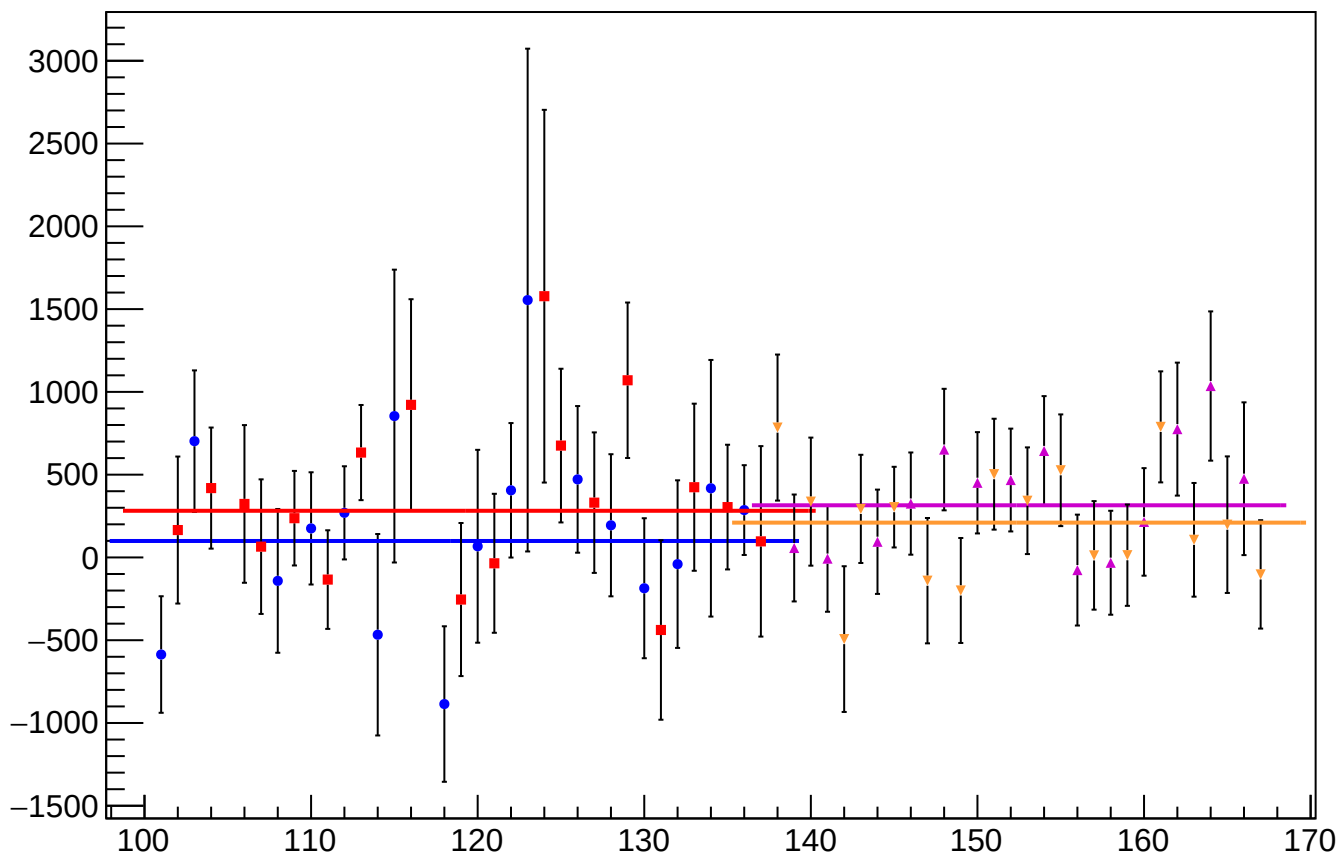
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 989.004 $\pm$ 0.177 χ^2 /NDF: 3798785.8/30

Out: 995.007 $\pm$ 0.171 χ^2 /NDF: 4023698.2/33

All: 992.112 $\pm$ 0.123 χ^2 /NDF: 7823078.2/64

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: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 315.021 $\pm$ 90.603 χ^2 /NDF:11.1/13

Left: 258.984 $\pm$ 61.799 χ^2 /NDF: 25.4/29

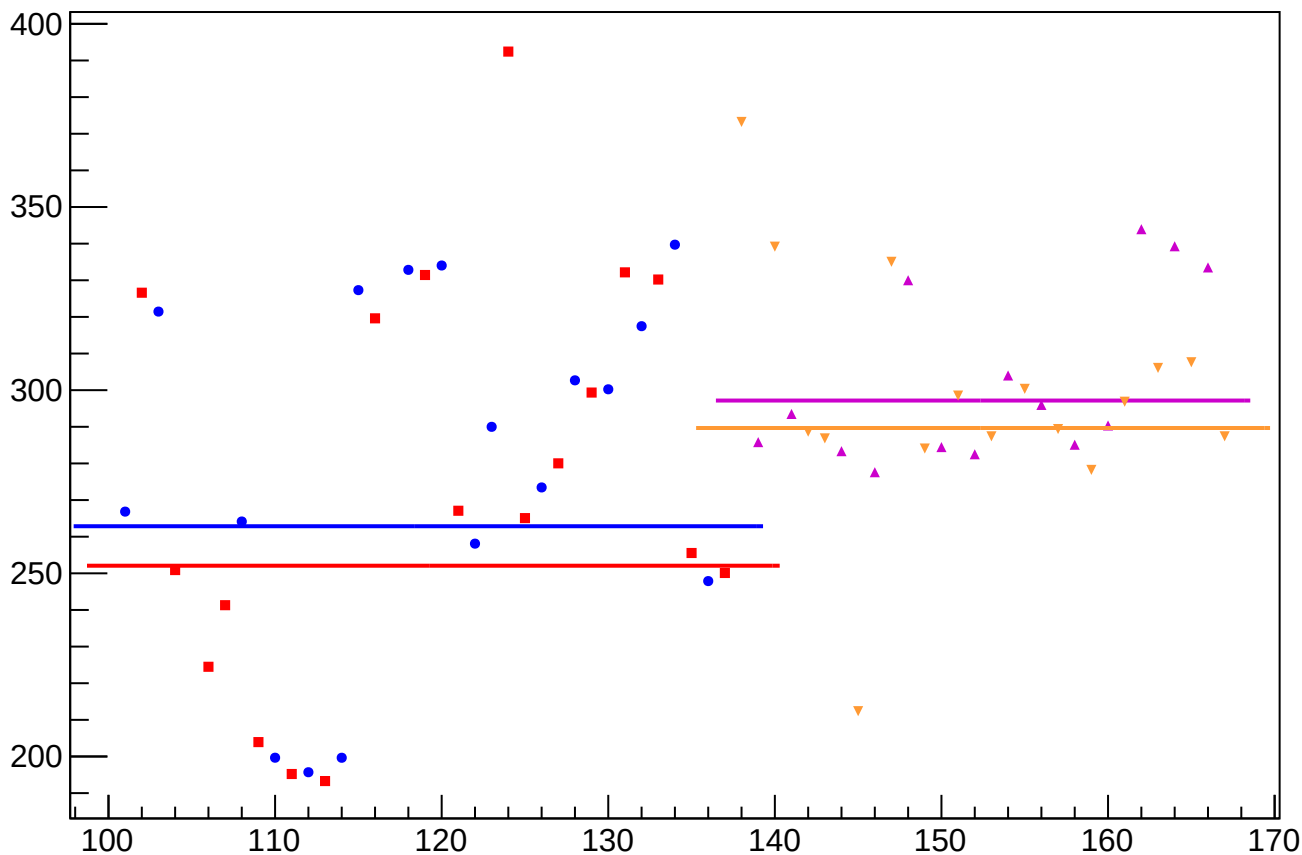
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 221.431 $\pm$ 68.162 χ^2 /NDF:29.4/30

Out: 240.810 $\pm$ 63.966 χ^2 /NDF:27.7/33

All: 231.735 $\pm$ 46.644 χ^2 /NDF: 57.2/64

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 289.672 $\pm$ 0.060 χ^2 /NDF: 351084.3/15

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 297.168 $\pm$ 0.064 χ^2 /NDF: 100239.6/13

Left: 293.160 $\pm$ 0.044 χ^2 /NDF: 458644.0/29

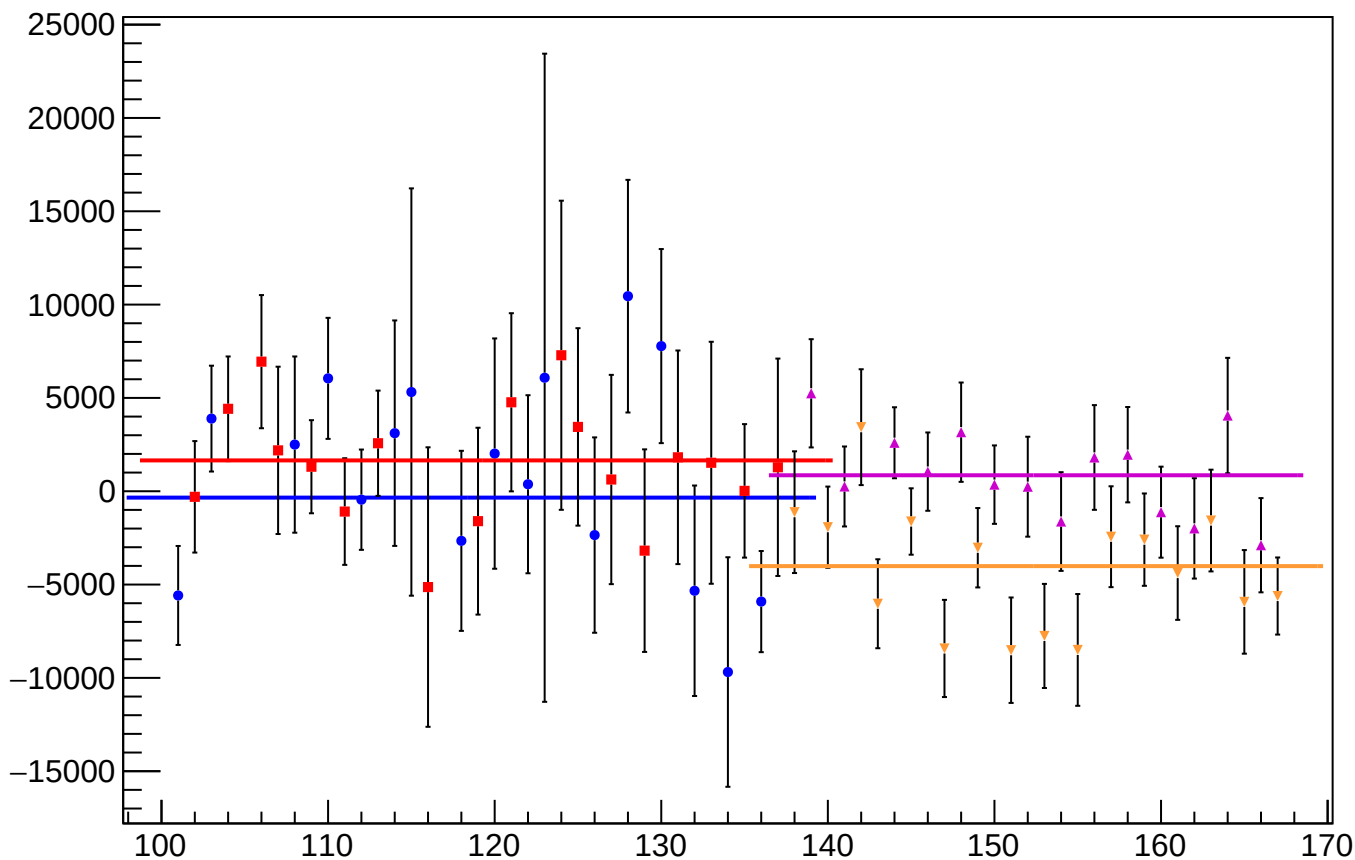
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 282.276 $\pm$ 0.048 χ^2 /NDF: 636429.0/30

Out: 273.617 $\pm$ 0.045 χ^2 /NDF: 1035258.6/33

All: 277.672 $\pm$ 0.033 χ^2 /NDF: 1688849.6/64

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -4012.341 ± 620.956 χ^2/NDF : 22.2/15

Right Out: 1651.954 ± 929.858 χ^2/NDF : 7.9/17

Left In: 855.588 ± 653.824 χ^2/NDF : 10.3/13

Left: -1703.802 ± 450.254 χ^2/NDF : 61.7/29

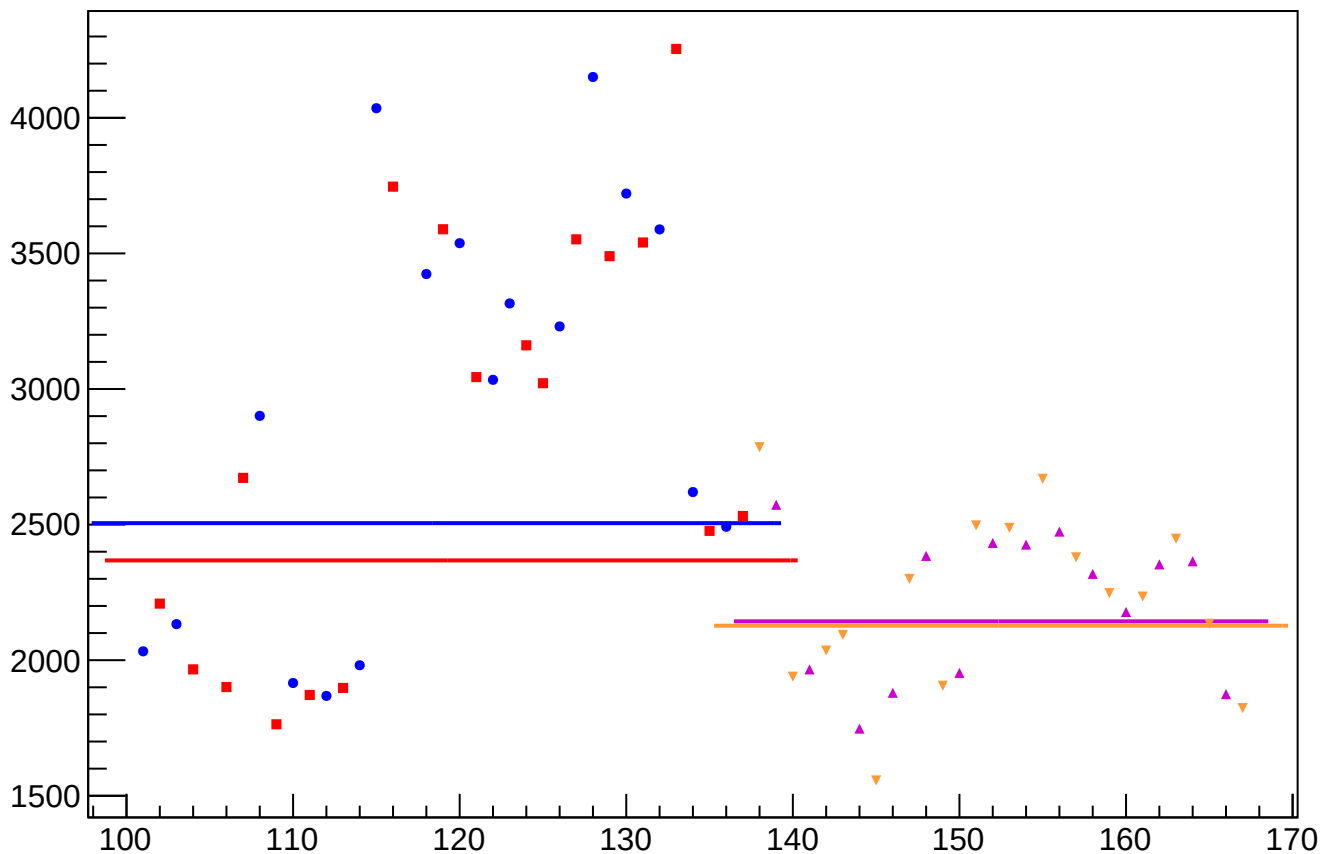
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 499.406 ± 547.992 χ^2/NDF : 35.7/30

Out: -2265.390 ± 516.397 χ^2/NDF : 55.8/33

All: -964.988 ± 375.821 χ^2/NDF : 105.1/64

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: 2368.003 $\pm$ 0.658 χ^2 /NDF: 1030879.9/17

Left In: 2143.249 $\pm$ 0.462 χ^2 /NDF: 337392.8/13

Left: 2134.784 $\pm$ 0.318 χ^2 /NDF: 902855.4/29

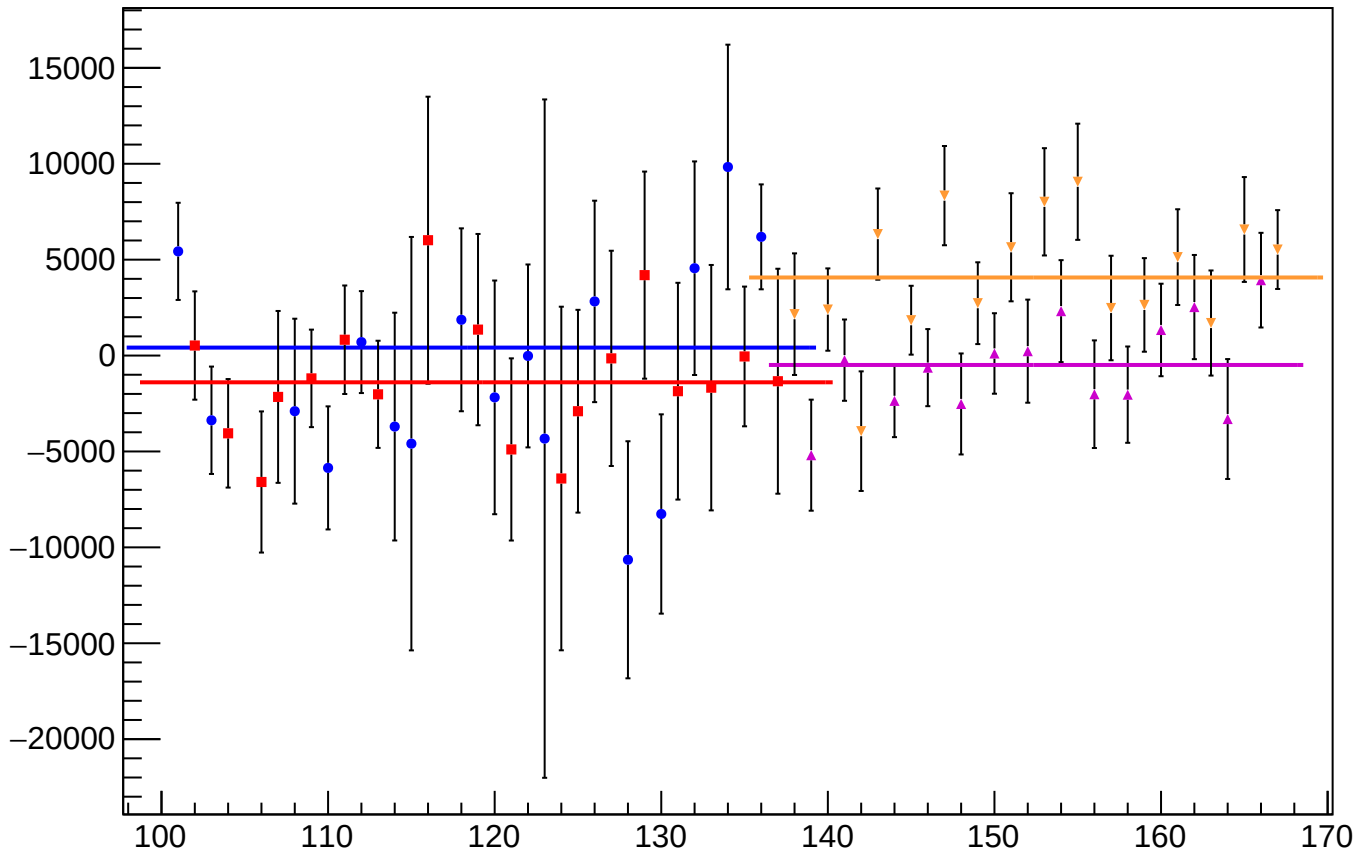
Right: 2431.366 $\pm$ 0.483 χ^2 /NDF: 1915141.0/34

In: 2250.979 $\pm$ 0.387 χ^2 /NDF: 1384021.4/30

Out: 2201.431 $\pm$ 0.365 χ^2 /NDF: 1688506.3/33

All: 2224.736 $\pm$ 0.266 χ^2 /NDF: 3081187.8/64

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 χ^2/NDF : 24.5/16

Left Out: 4070.788 ± 619.528 χ^2/NDF : 21.1/15

Right Out: -1394.660 ± 928.996 χ^2/NDF : 7.5/17

Left In: -490.238 ± 648.276 χ^2/NDF : 12.0/13

Left: 1893.644 ± 447.891 χ^2/NDF : 59.0/29

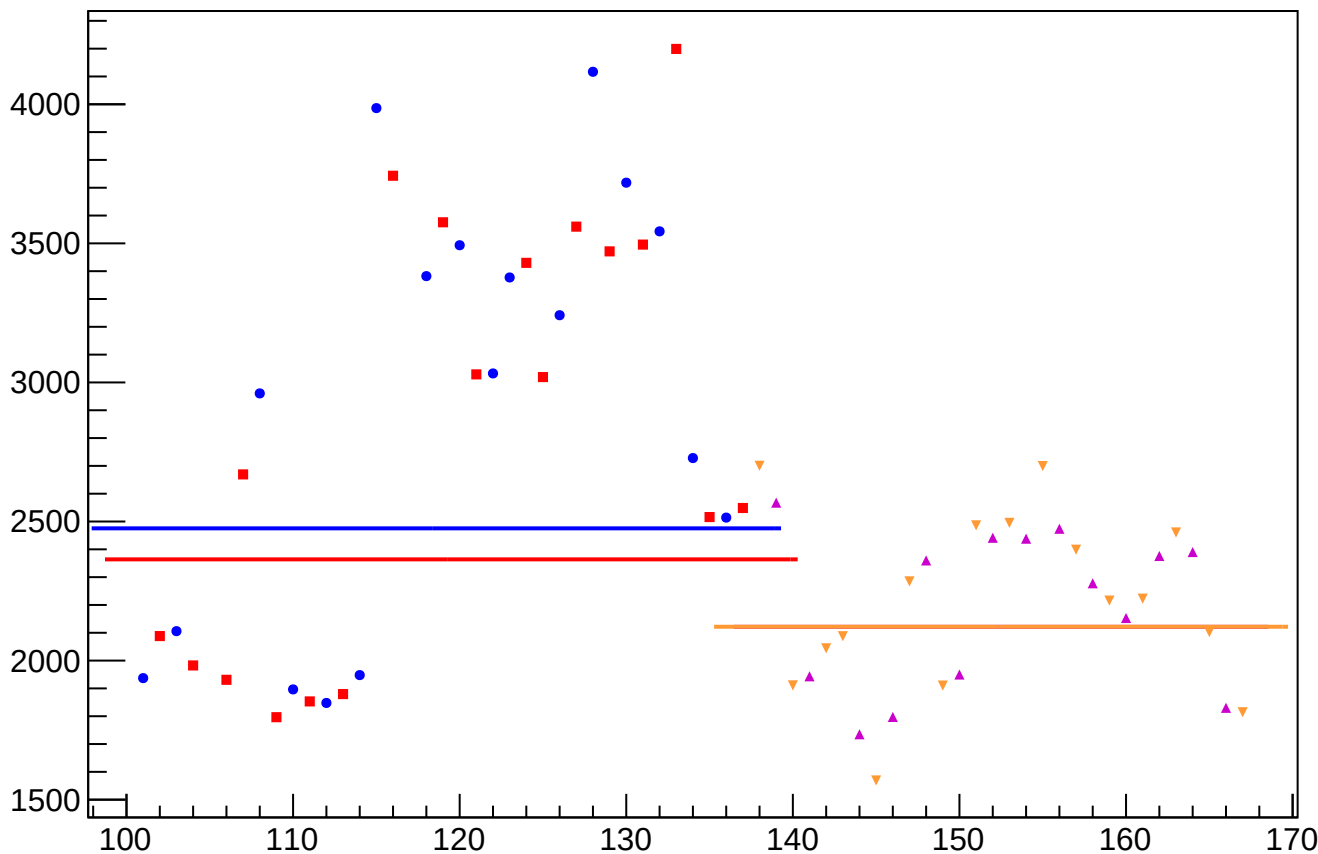
Right: -551.504 ± 679.008 χ^2/NDF : 33.8/34

In: -220.283 ± 543.148 χ^2/NDF : 37.1/30

Out: 2388.370 ± 515.428 χ^2/NDF : 52.6/33

All: 1152.306 ± 373.878 χ^2/NDF : 101.8/64

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2121.675 $\pm$ 0.438 χ^2 /NDF: 548925.6/15

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2121.279 $\pm$ 0.458 χ^2 /NDF: 383356.6/13

Left: 2121.486 $\pm$ 0.317 χ^2 /NDF: 932282.6/29

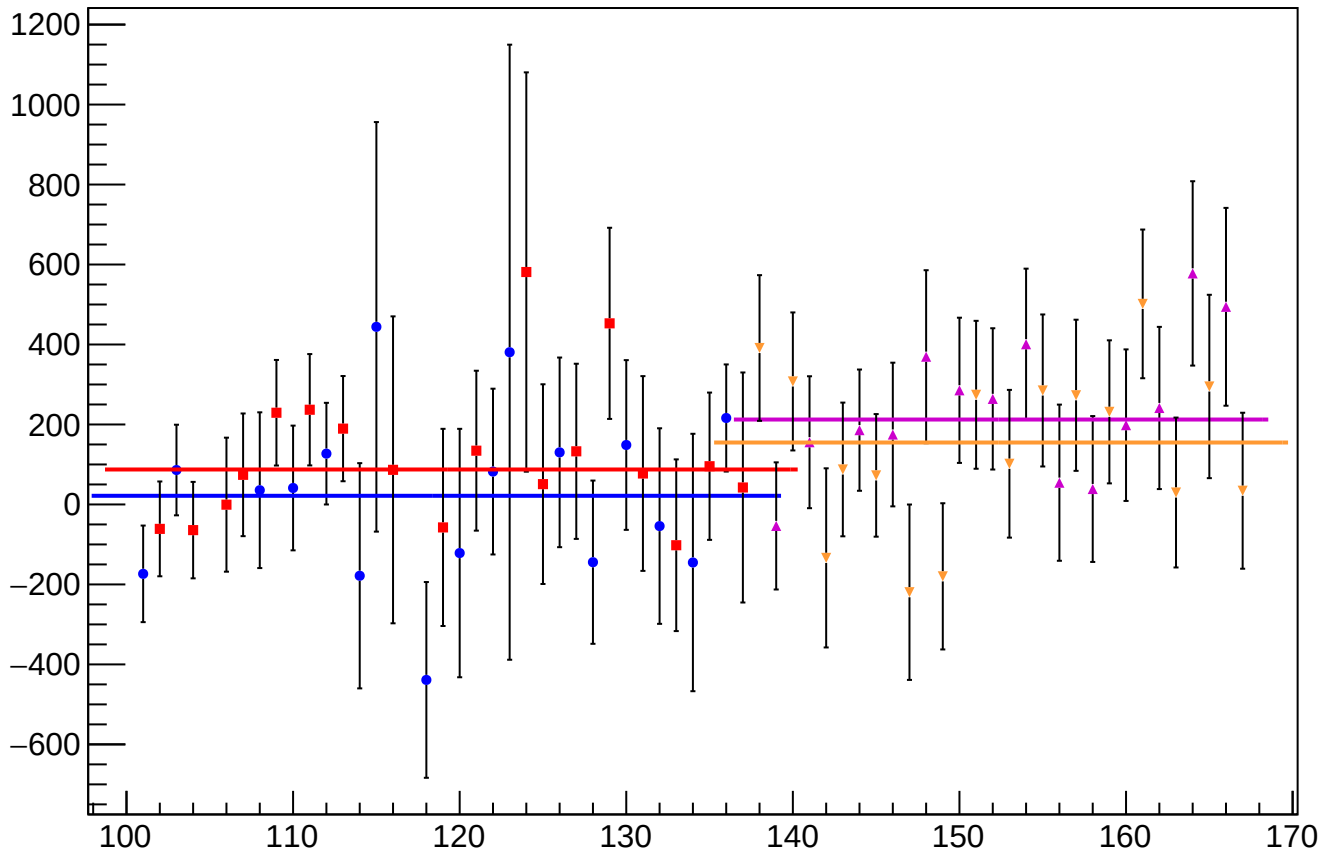
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2226.829 $\pm$ 0.384 χ^2 /NDF: 1474325.5/30

Out: 2196.241 $\pm$ 0.364 χ^2 /NDF: 1669920.8/33

All: 2210.734 $\pm$ 0.264 χ^2 /NDF: 3147584.0/64

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 154.881 $\pm$ 46.580 χ^2/NDF :17.1/15

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 212.364 $\pm$ 49.619 χ^2/NDF :10.2/13

Left: 181.808 $\pm$ 33.960 χ^2/NDF : 27.9/29

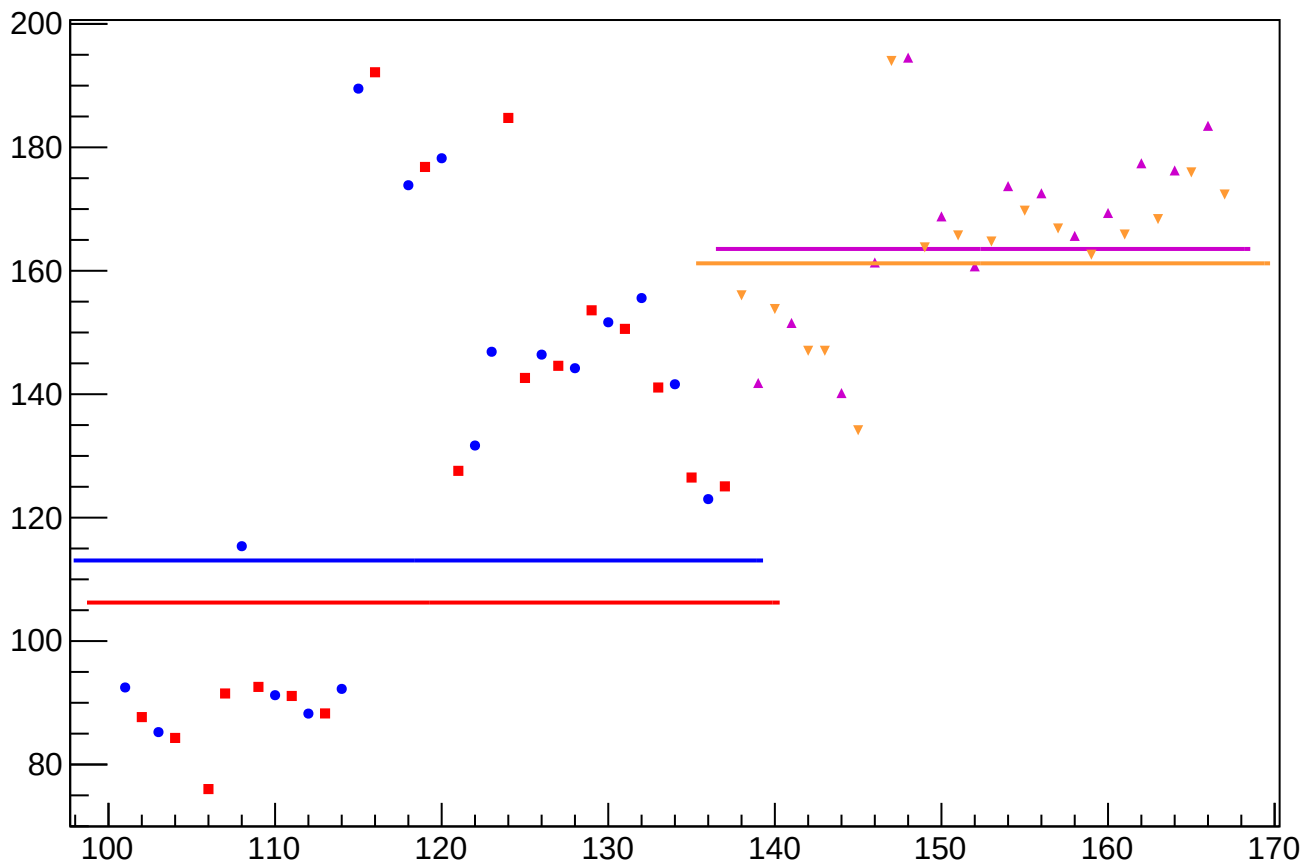
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 108.047 $\pm$ 33.397 χ^2/NDF :30.8/30

Out: 117.544 $\pm$ 31.121 χ^2/NDF :29.2/33

All: 113.130 $\pm$ 22.768 χ^2/NDF : 60.0/64

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 161.207 $\pm$ 0.033 χ^2 /NDF: 161915.5/15

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 163.537 $\pm$ 0.035 χ^2 /NDF: 179652.1/13

Left: 162.299 $\pm$ 0.024 χ^2 /NDF: 343911.4/29

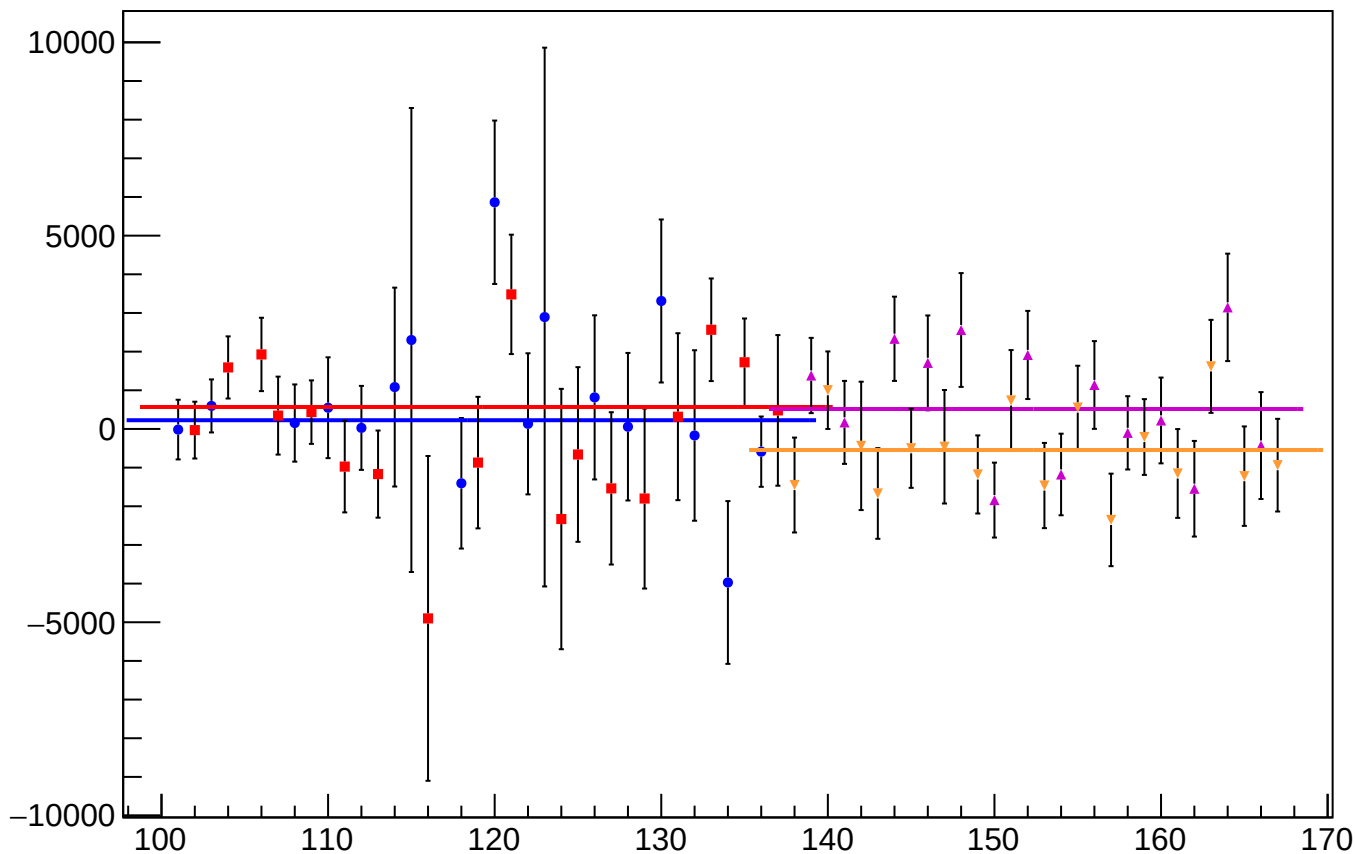
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 135.927 $\pm$ 0.024 χ^2 /NDF: 2132630.3/30

Out: 130.777 $\pm$ 0.022 χ^2 /NDF: 2655472.0/33

All: 133.170 $\pm$ 0.016 χ^2 /NDF: 4813558.8/64

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -544.939 $\pm$ 289.862 χ^2 /NDF:13.2/15

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 515.761 $\pm$ 301.202 χ^2 /NDF:24.2/13

Left: -34.932 $\pm$ 208.857 χ^2 /NDF: 43.8/29

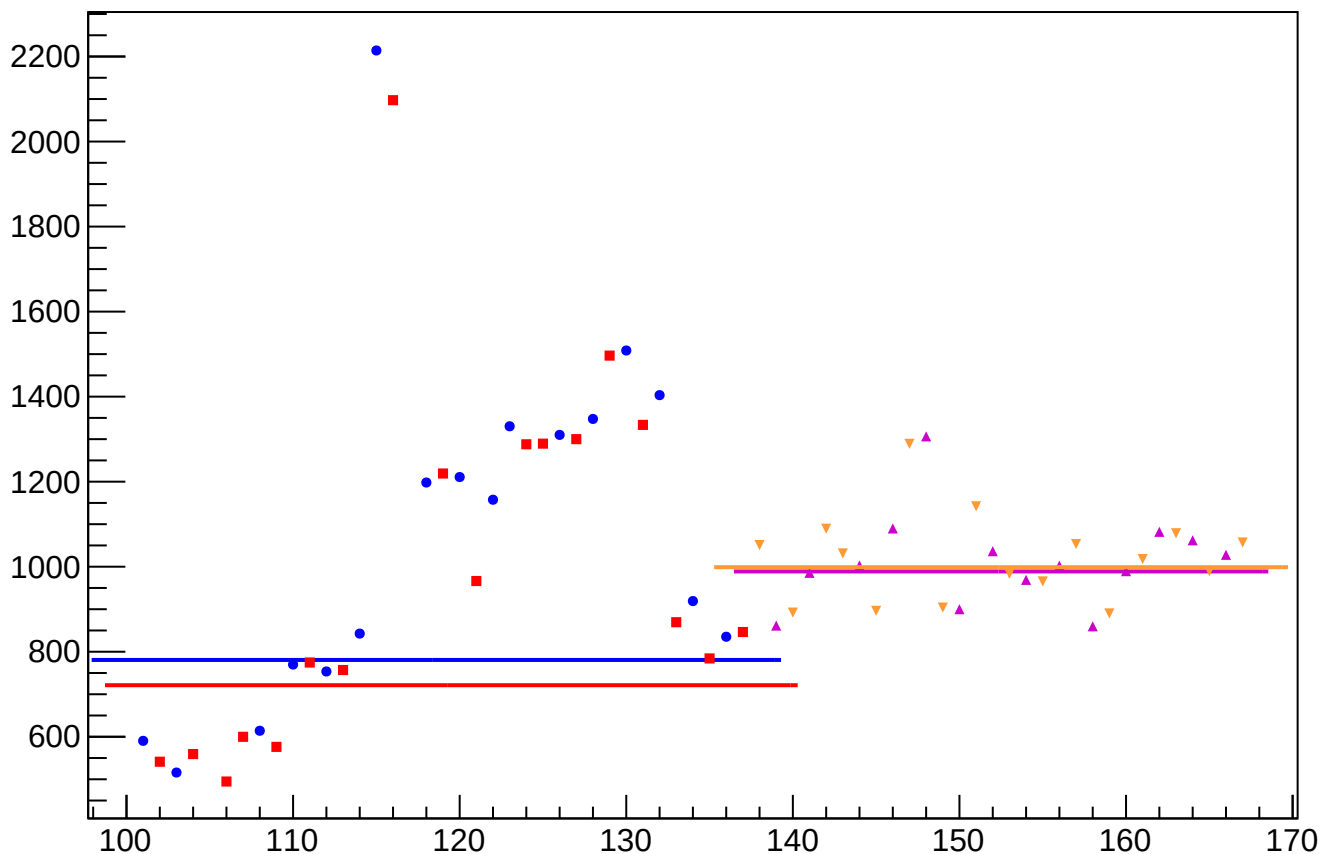
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 380.106 $\pm$ 219.779 χ^2 /NDF:40.6/30

Out: 10.361 $\pm$ 205.189 χ^2 /NDF:41.6/33

All: 182.553 $\pm$ 149.983 χ^2 /NDF: 83.6/64

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 998.896 $\pm$ 0.205 χ^2 /NDF:219100.4/15

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 988.839 $\pm$ 0.213 χ^2 /NDF:218290.8/13

Left: 994.060 $\pm$ 0.148 χ^2 /NDF: 438548.8/29

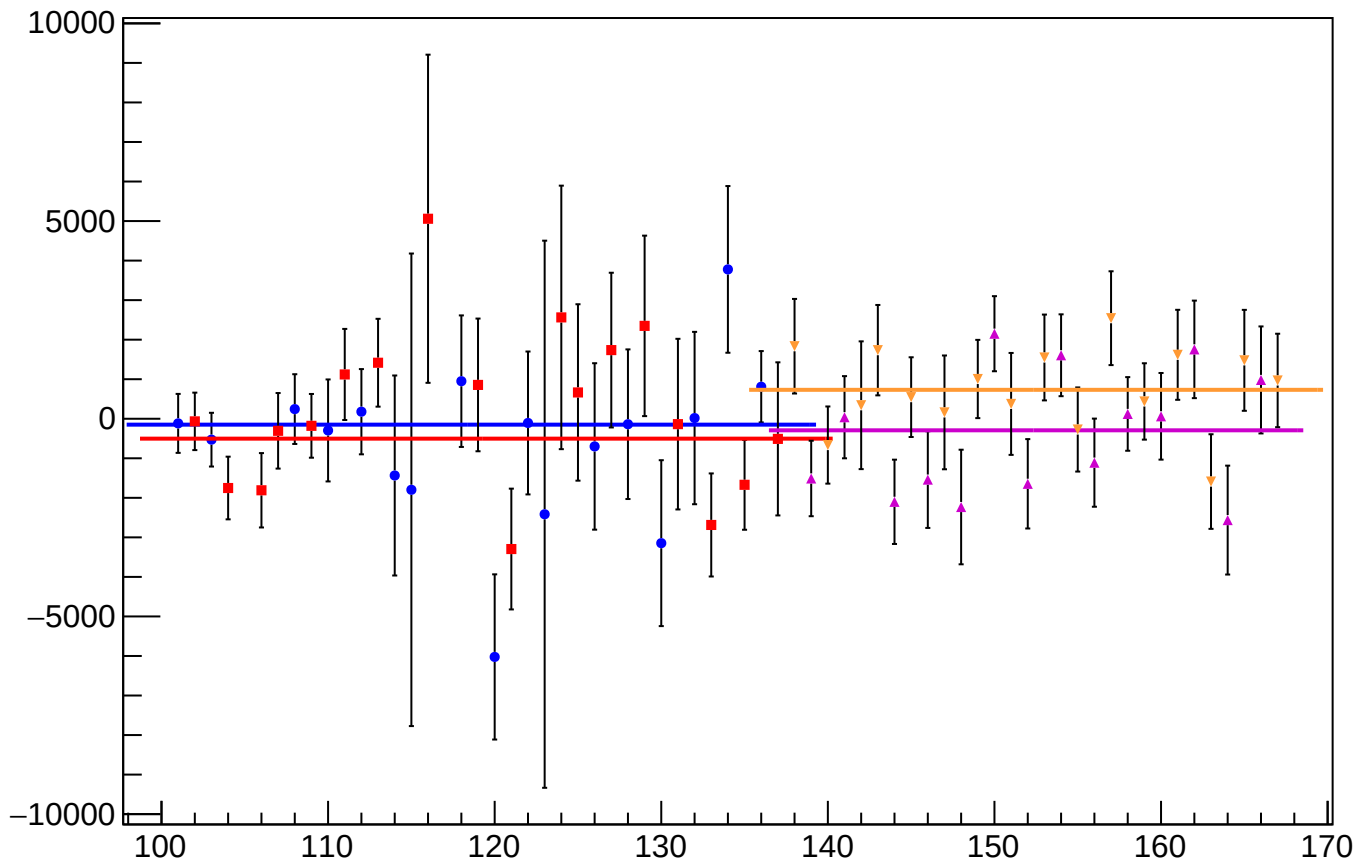
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 891.519 $\pm$ 0.155 χ^2 /NDF:2274352.9/30

Out: 860.385 $\pm$ 0.145 χ^2 /NDF:2761110.2/33

All: 874.884 $\pm$ 0.106 χ^2 /NDF: 5056906.3/64

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 731.616 ± 285.095 $\chi^2/\text{NDF}: 12.7/15$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -292.402 ± 296.222 $\chi^2/\text{NDF}: 26.1/13$

Left: 239.200 ± 205.414 $\chi^2/\text{NDF}: 45.0/29$

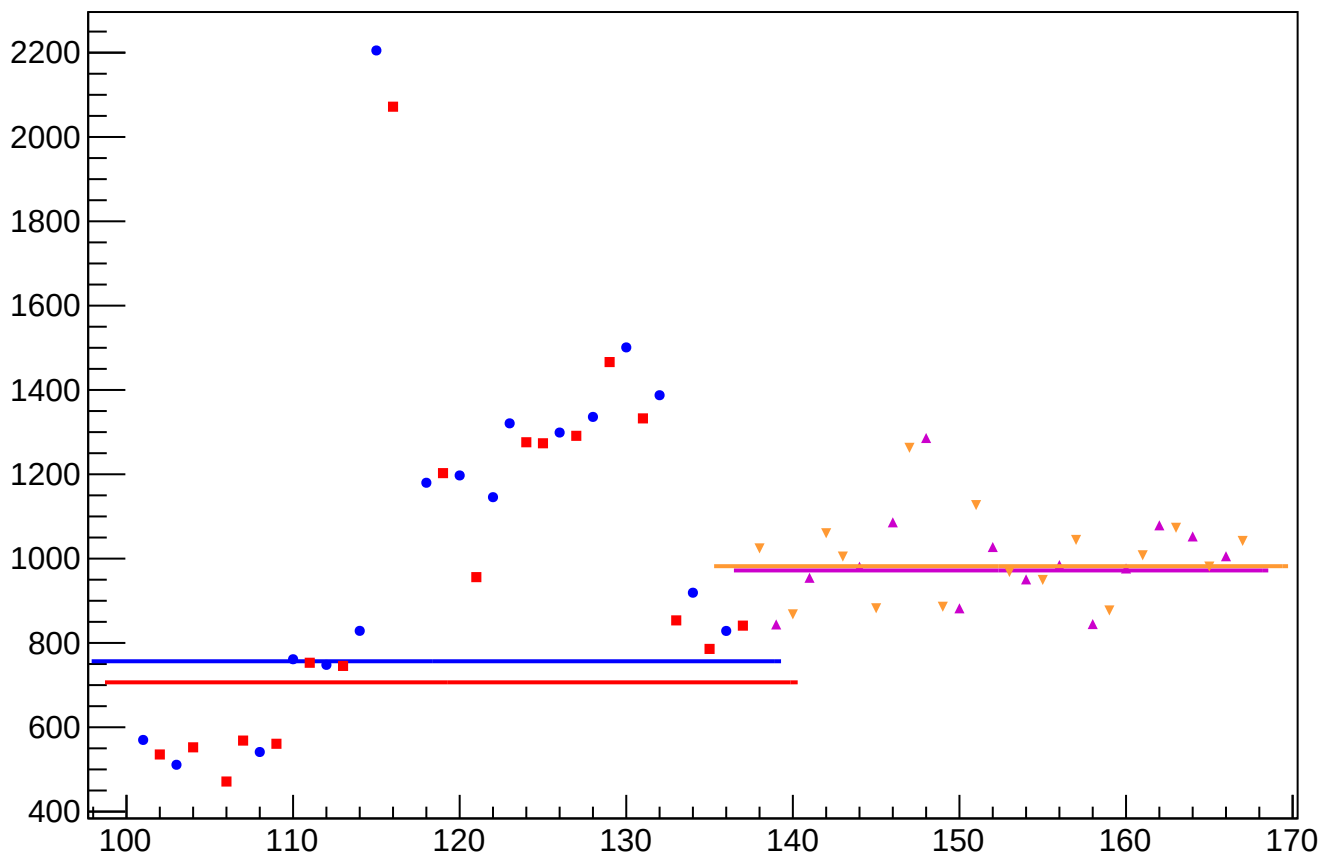
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -224.716 ± 215.136 $\chi^2/\text{NDF}: 42.3/30$

Out: 115.710 ± 201.835 $\chi^2/\text{NDF}: 45.7/33$

All: -43.655 ± 147.196 $\chi^2/\text{NDF}: 89.3/64$

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: 706.550 $\pm$ 0.202 χ^2/NDF : 1670007.9/17

Left In: 971.964 $\pm$ 0.209 χ^2/NDF : 232462.9/13

Left: 977.190 $\pm$ 0.145 χ^2/NDF : 458055.6/29

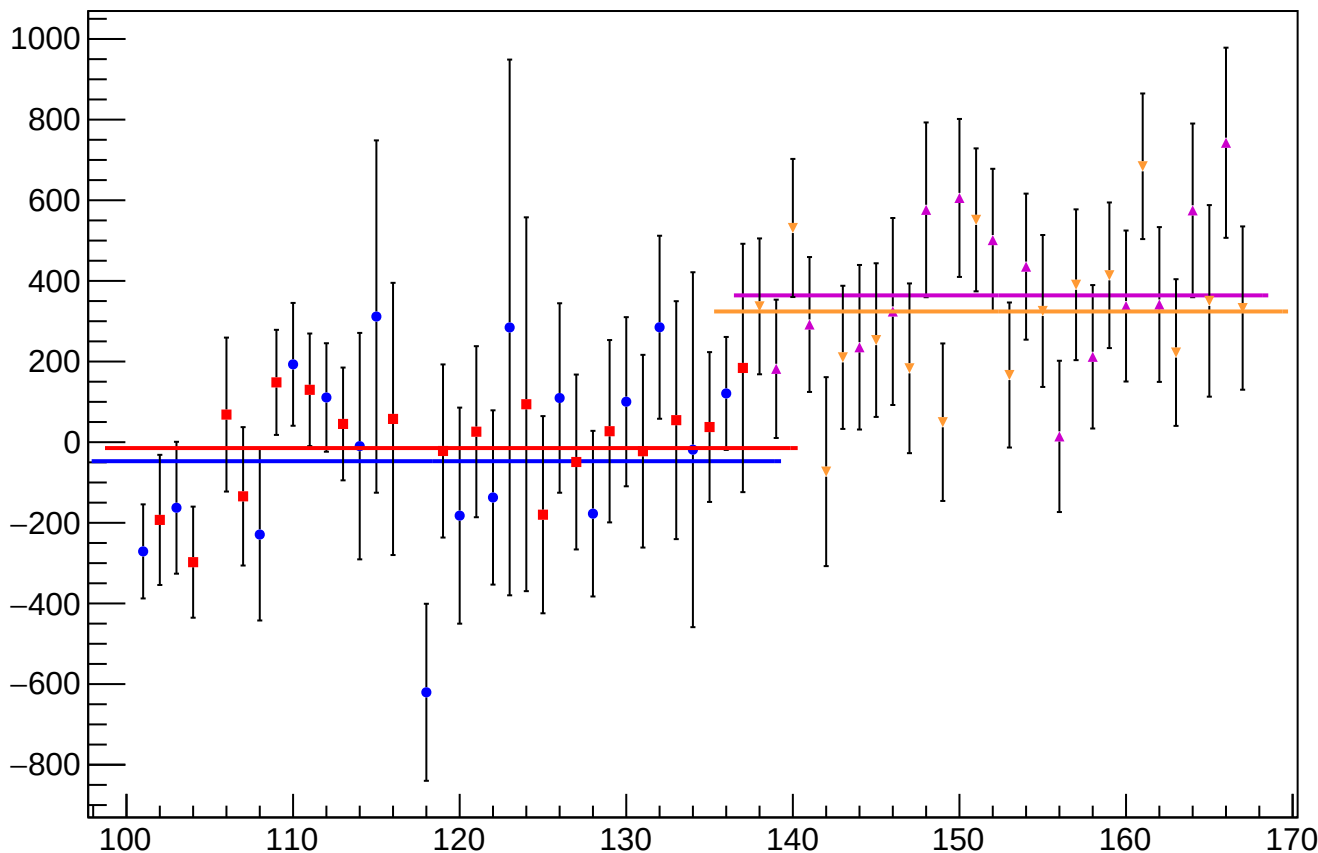
Right: 729.280 $\pm$ 0.149 χ^2/NDF : 3411474.4/34

In: 870.167 $\pm$ 0.152 χ^2/NDF : 2445939.0/30

Out: 844.621 $\pm$ 0.143 χ^2/NDF : 2825850.5/33

All: 856.580 $\pm$ 0.104 χ^2/NDF : 5286787.6/64

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 324.201 $\pm$ 47.207 χ^2/NDF : 14.4/15

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 364.098 $\pm$ 51.479 χ^2/NDF : 12.8/13

Left: 342.426 $\pm$ 34.793 χ^2/NDF : 27.5/29

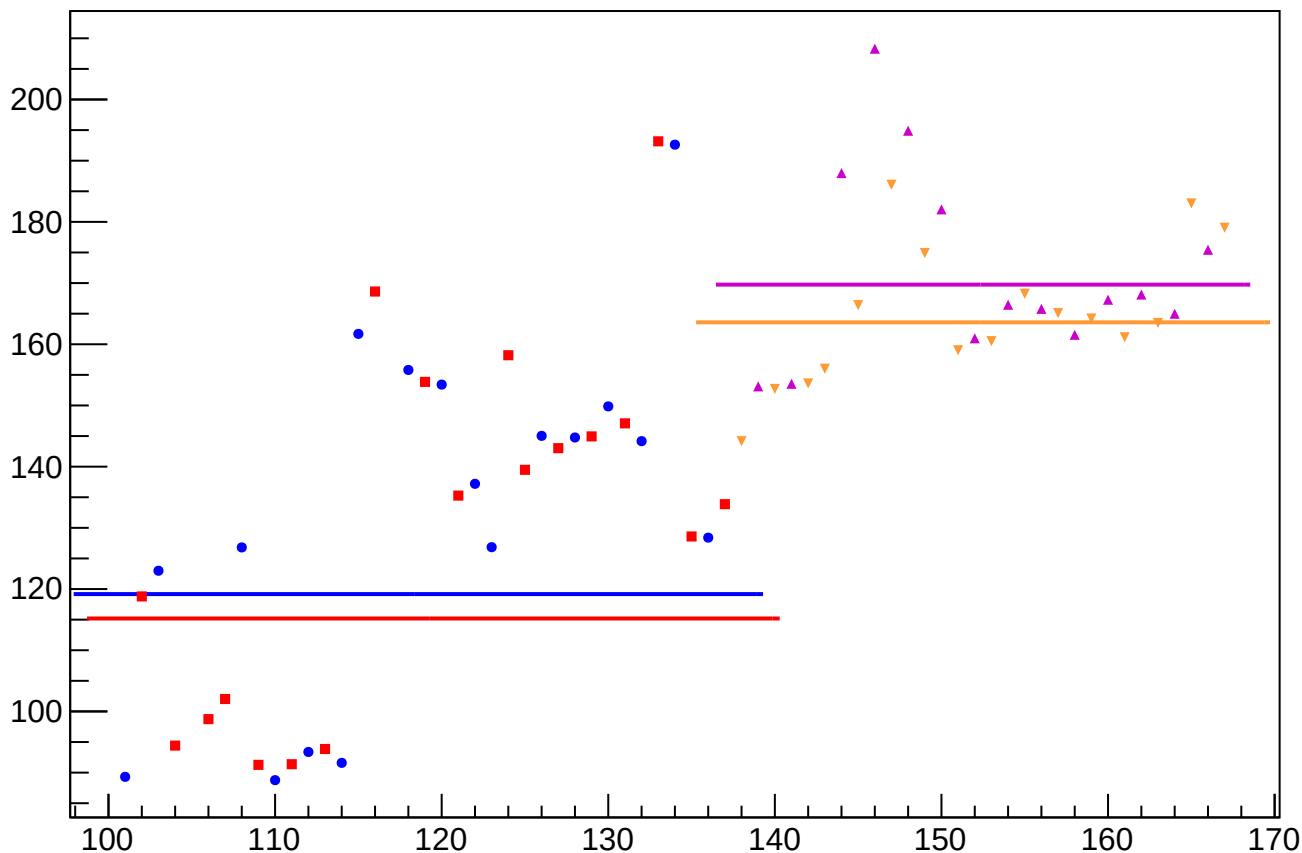
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 140.967 $\pm$ 34.817 χ^2/NDF : 69.3/30

Out: 146.117 $\pm$ 32.515 χ^2/NDF : 51.6/33

All: 143.718 $\pm$ 23.764 χ^2/NDF : 120.9/64

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: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 169.748 $\pm$ 0.036 χ^2 /NDF:156963.5/13

Left: 166.401 $\pm$ 0.025 χ^2 /NDF: 273134.5/29

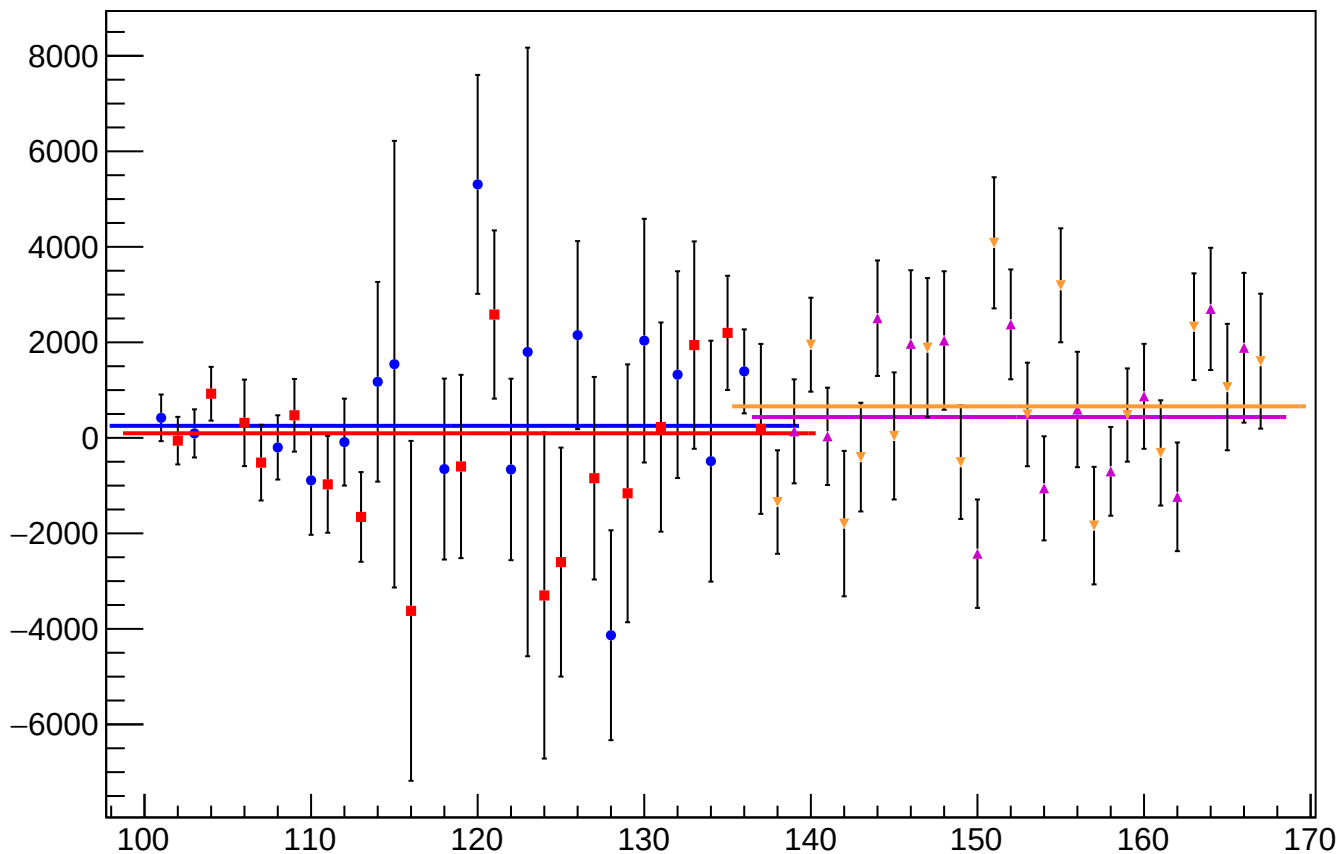
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 142.309 $\pm$ 0.025 χ^2 /NDF:1819514.3/30

Out: 138.148 $\pm$ 0.023 χ^2 /NDF:1881128.9/33

All: 140.087 $\pm$ 0.017 χ^2 /NDF: 3715899.7/64

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: 95.805 $\pm$ 245.748 χ^2 /NDF: 17.5/17

Left In: 436.323 $\pm$ 312.814 χ^2 /NDF:24.3/13

Left: 553.855 $\pm$ 215.467 χ^2 /NDF: 53.5/29

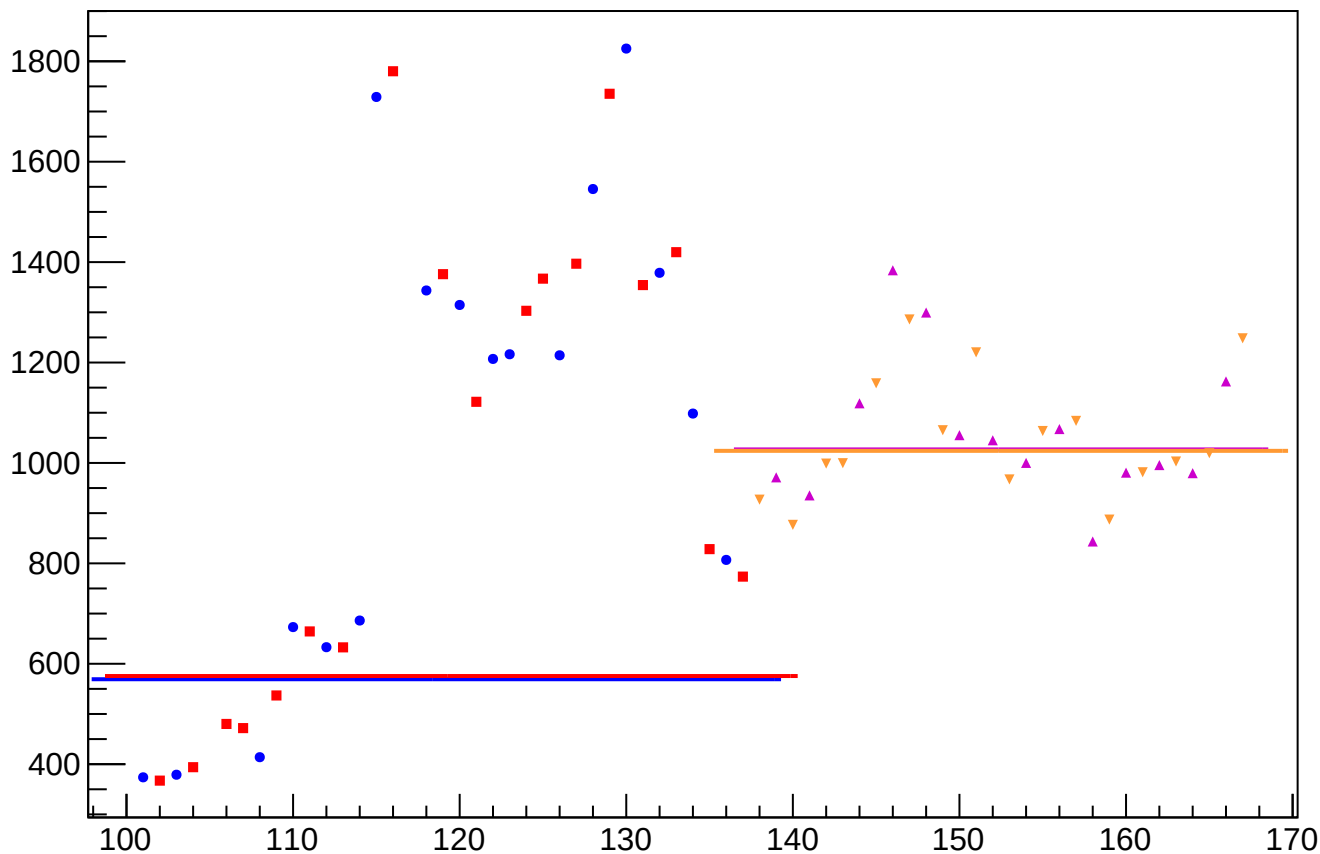
Right: 171.557 $\pm$ 176.217 χ^2 /NDF: 32.5/34

In: 324.667 $\pm$ 196.629 χ^2 /NDF:39.3/30

Out: 324.879 $\pm$ 189.393 χ^2 /NDF:48.6/33

All: 324.777 $\pm$ 136.407 χ^2 /NDF: 87.9/64

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1024.102 $\pm$ 0.210 χ^2 /NDF: 296600.2/15

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1026.960 $\pm$ 0.221 χ^2 /NDF: 316585.9/13

Left: 1025.458 $\pm$ 0.152 χ^2 /NDF: 613273.8/29

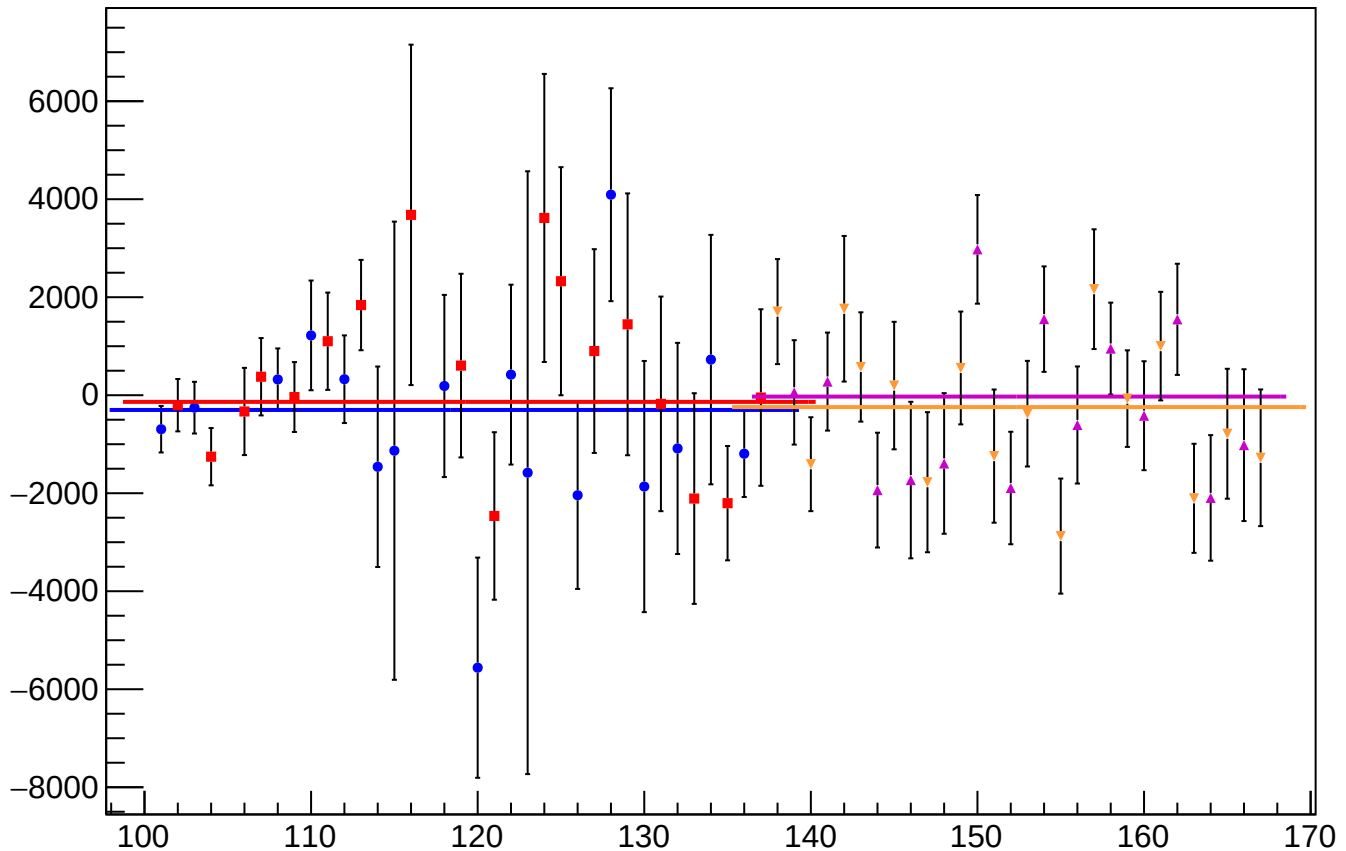
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 750.067 $\pm$ 0.139 χ^2 /NDF: 6174282.0/30

Out: 757.704 $\pm$ 0.134 χ^2 /NDF: 6060012.6/33

All: 754.029 $\pm$ 0.096 χ^2 /NDF: 12235859.4/64

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: -136.107+/-247.692 χ^2/NDF : 20.9/17

Left In: -28.083+/-310.484 χ^2/NDF :23.3/13

Left: -141.147+/-213.410 χ^2/NDF : 46.8/29

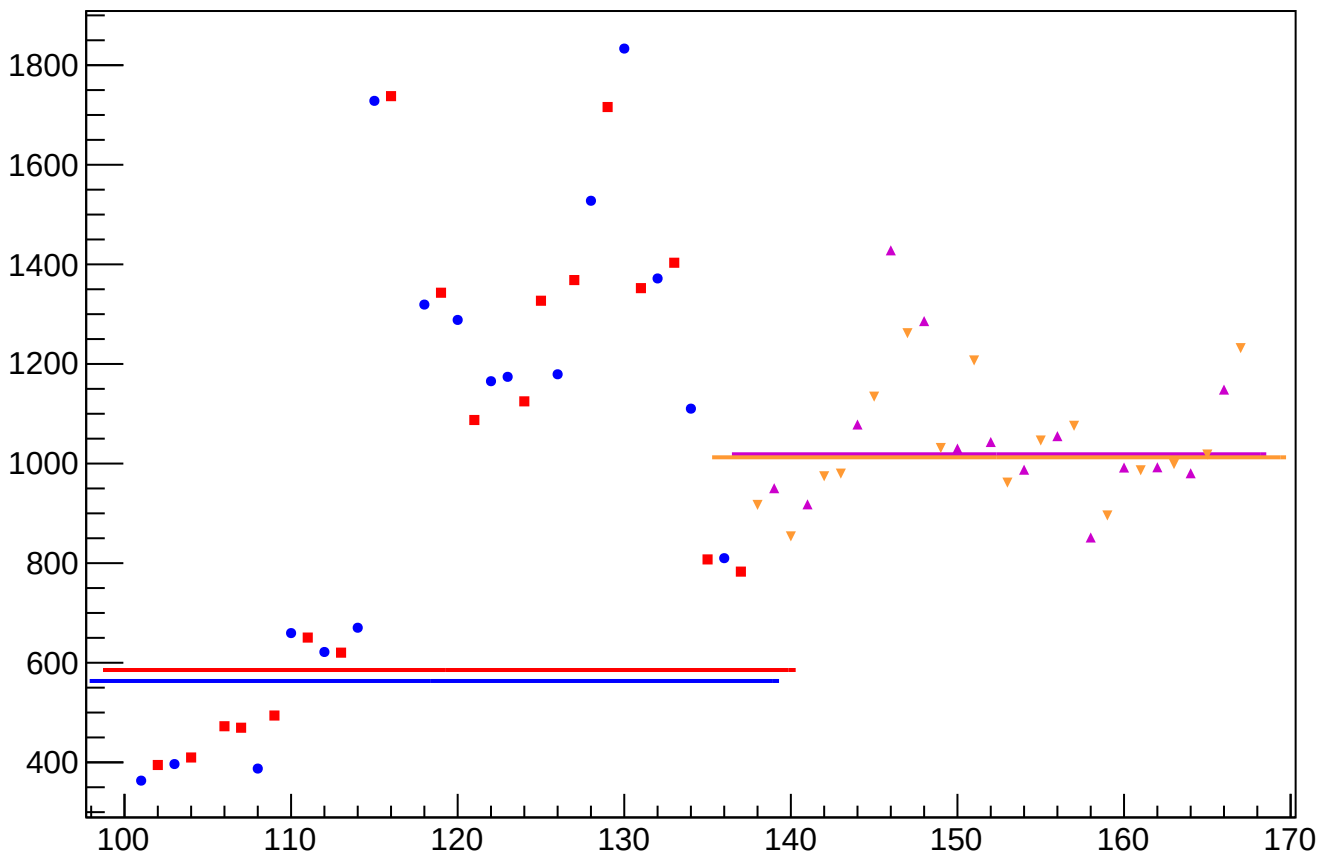
Right: -217.517+/-176.060 χ^2/NDF : 37.8/34

In: -193.286+/-194.866 χ^2/NDF :40.5/30

Out: -180.264+/-189.378 χ^2/NDF :44.1/33

All: -186.589+/-135.809 χ^2/NDF : 84.6/64

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1012.541+/-0.208 χ^2/NDF : 284068.1/15

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1018.620+/-0.220 χ^2/NDF : 320693.7/13

Left: 1015.413+/-0.151 χ^2/NDF : 605166.3/29

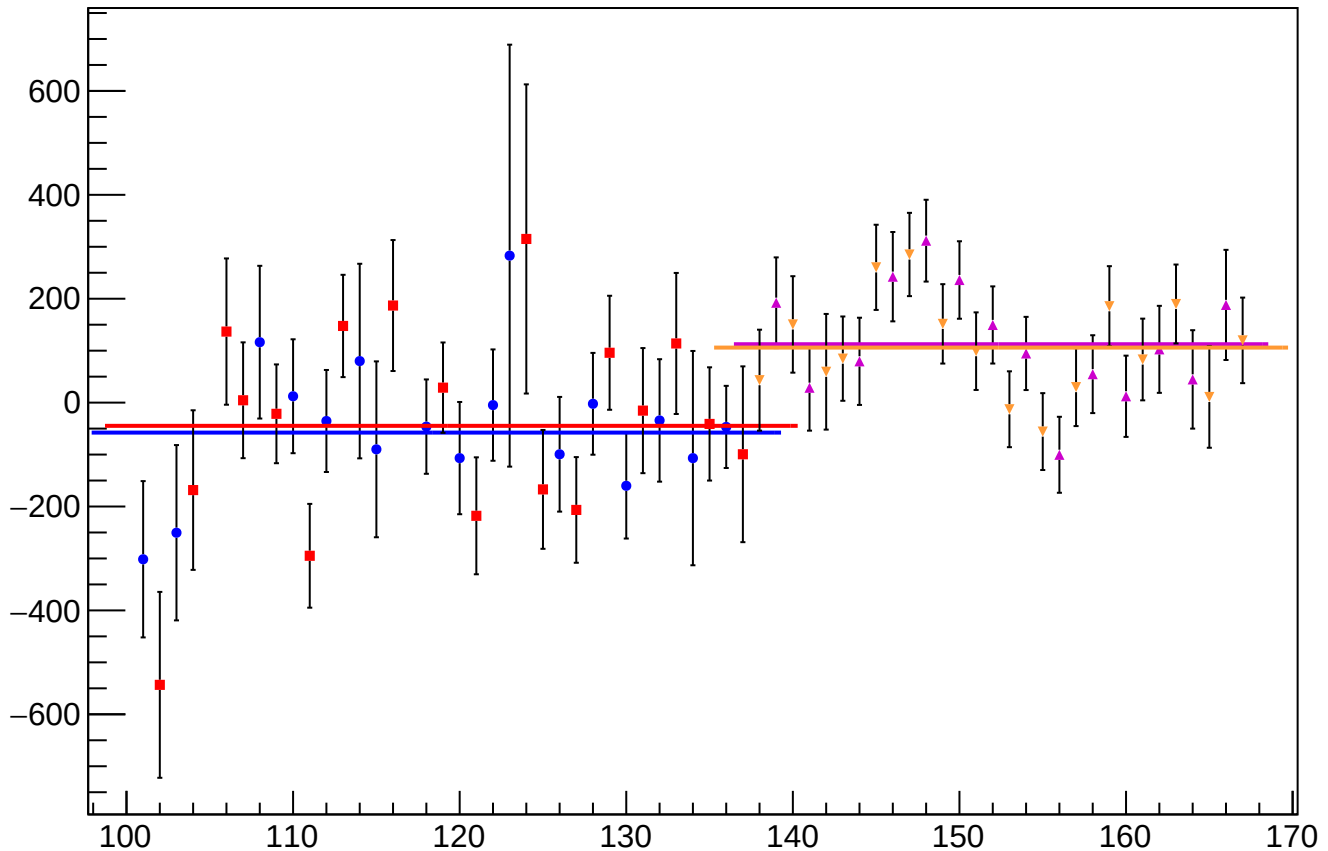
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 742.709+/-0.138 χ^2/NDF : 6185578.2/30

Out: 762.871+/-0.134 χ^2/NDF : 5572635.8/33

All: 753.078+/-0.096 χ^2/NDF : 11769224.5/64

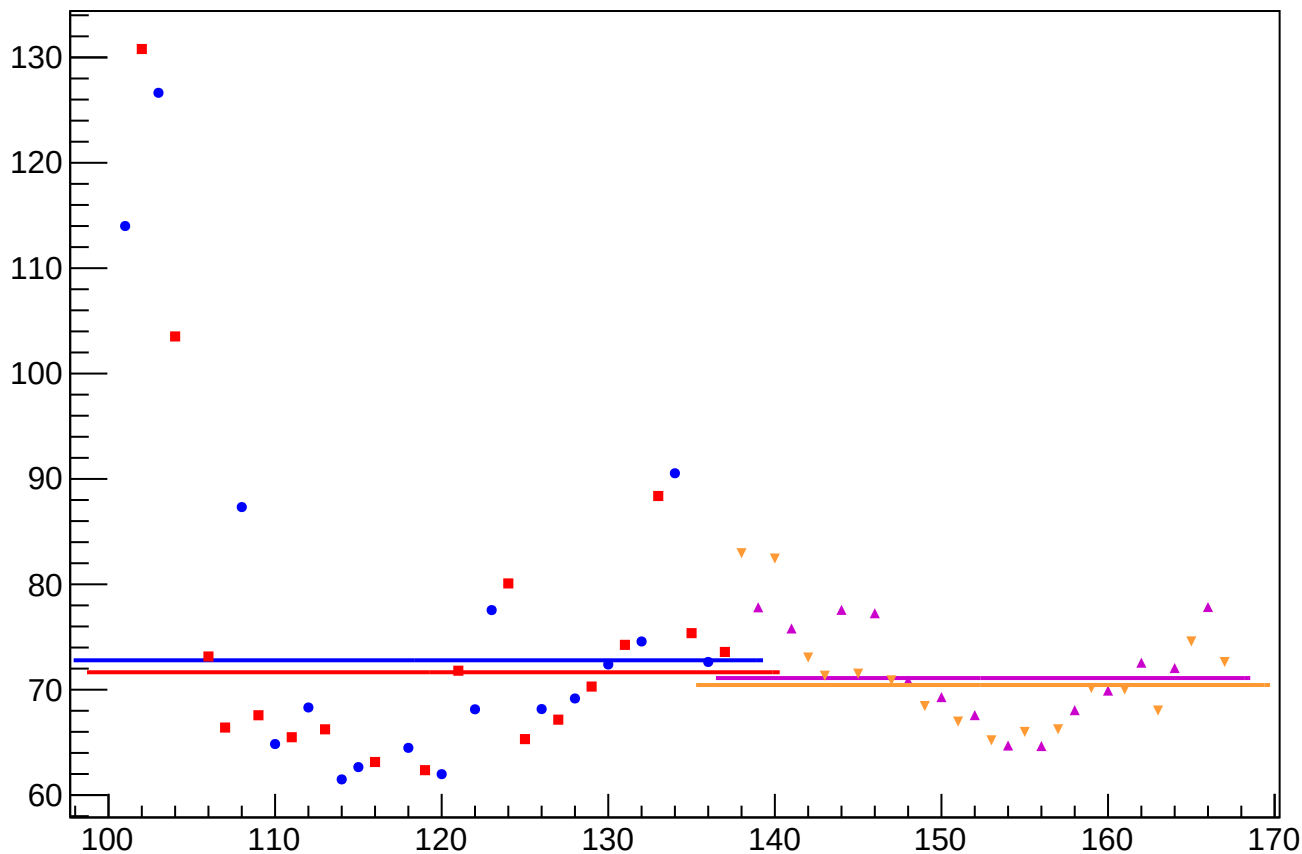
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16
 Left Out: 105.934 $\pm$ 20.360 χ^2/NDF :21.6/15
 Right Out: -44.693 $\pm$ 27.711 χ^2/NDF : 35.2/17
 Left In: 112.409 $\pm$ 21.566 χ^2/NDF :25.5/13

Left: 108.985 $\pm$ 14.804 χ^2/NDF : 47.2/29
 Right: -50.974 $\pm$ 19.933 χ^2/NDF : 44.4/34
 In: 51.000 $\pm$ 17.239 χ^2/NDF :57.1/30
 Out: 53.129 $\pm$ 16.407 χ^2/NDF :76.0/33
 All: 52.117 $\pm$ 11.885 χ^2/NDF : 133.1/64

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2/NDF : 464772.9/16

Left Out: 70.443 $\pm$ 0.014 χ^2/NDF : 104925.7/15

Right Out: 71.655 $\pm$ 0.020 χ^2/NDF : 404376.9/17

Left In: 71.106 $\pm$ 0.015 χ^2/NDF : 90862.6/13

Left: 70.755 $\pm$ 0.010 χ^2/NDF : 196785.8/29

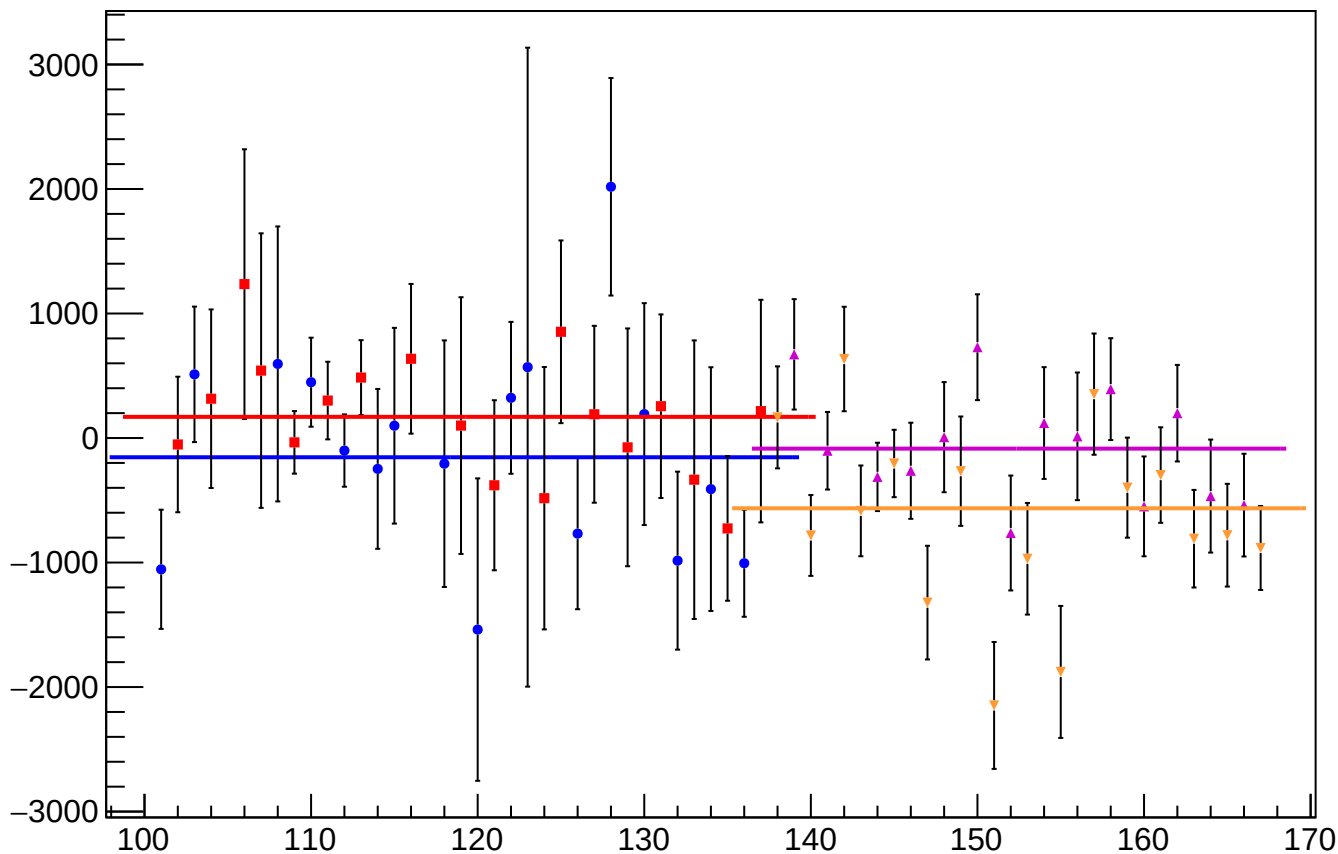
Right: 72.203 $\pm$ 0.014 χ^2/NDF : 870767.9/34

In: 71.714 $\pm$ 0.012 χ^2/NDF : 560038.8/30

Out: 70.868 $\pm$ 0.012 χ^2/NDF : 511787.0/33

All: 71.270 $\pm$ 0.008 χ^2/NDF : 1074349.7/64

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -564.139+/-98.492 χ^2/NDF : 39.2/15

Right Out: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: -85.069+/-105.954 χ^2/NDF : 15.1/13

Left: -342.067+/-72.138 χ^2/NDF : 65.2/29

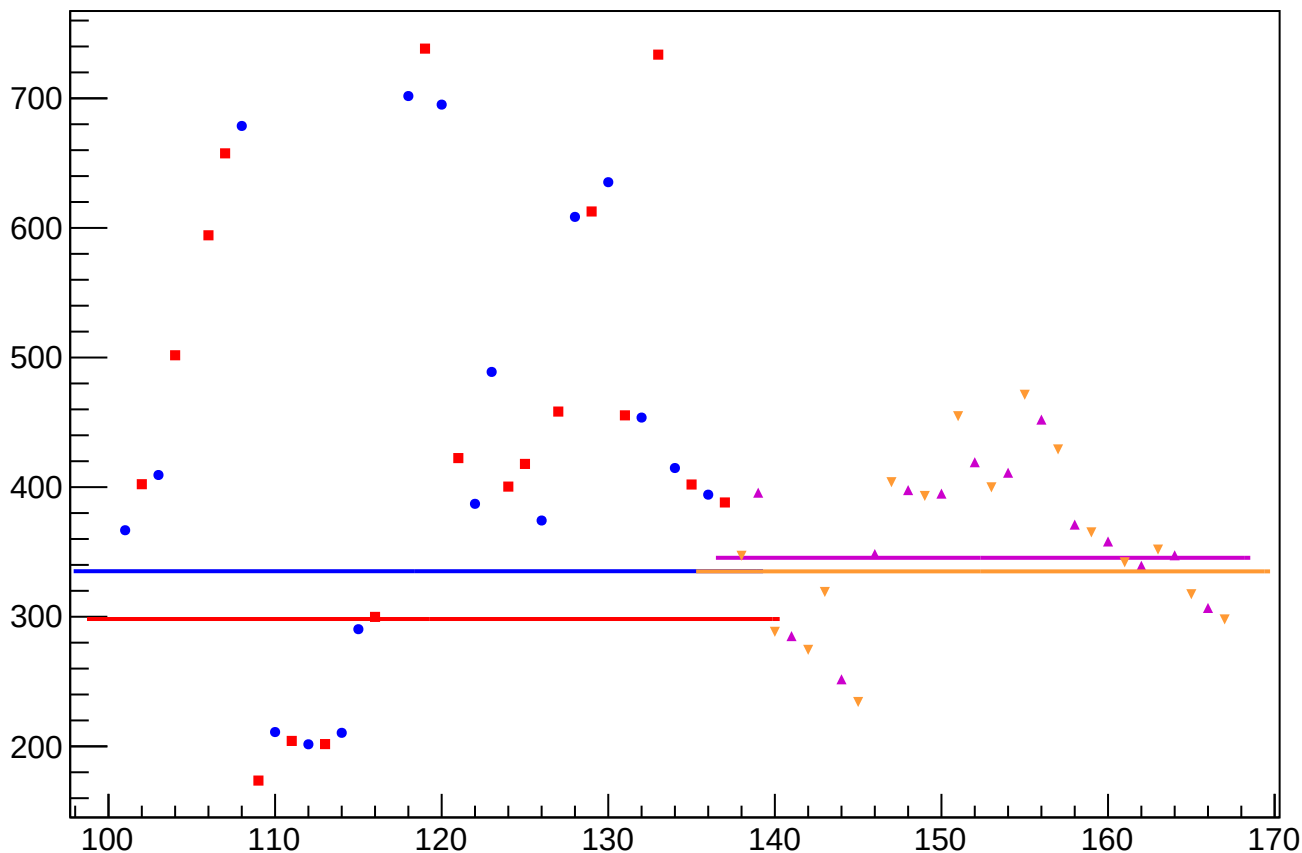
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -110.159+/-84.639 χ^2/NDF : 38.4/30

Out: -286.291+/-77.649 χ^2/NDF : 68.6/33

All: -205.797+/-57.218 χ^2/NDF : 109.4/64

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 335.003 $\pm$ 0.070 χ^2 /NDF: 849044.1/15

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 345.483 $\pm$ 0.075 χ^2 /NDF: 597849.8/13

Left: 339.861 $\pm$ 0.051 χ^2 /NDF: 1457389.4/29

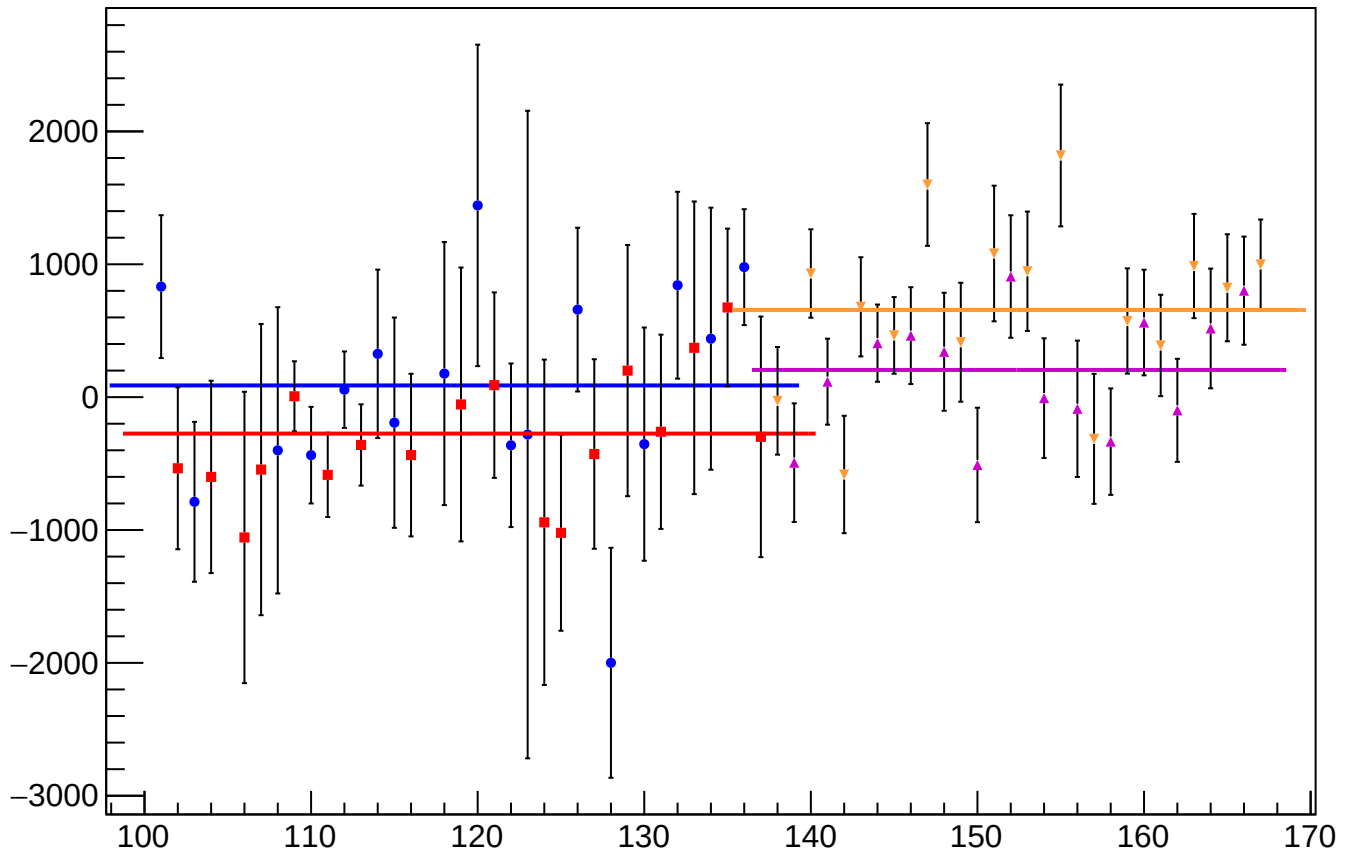
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 341.738 $\pm$ 0.060 χ^2 /NDF: 2598798.6/30

Out: 321.095 $\pm$ 0.055 χ^2 /NDF: 3730978.0/33

All: 330.529 $\pm$ 0.040 χ^2 /NDF: 6394374.5/64

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 655.892+/-99.859 χ^2/NDF :28.5/15

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 204.724+/-106.601 χ^2/NDF :15.1/13

Left: 445.024+/-72.878 χ^2/NDF : 53.2/29

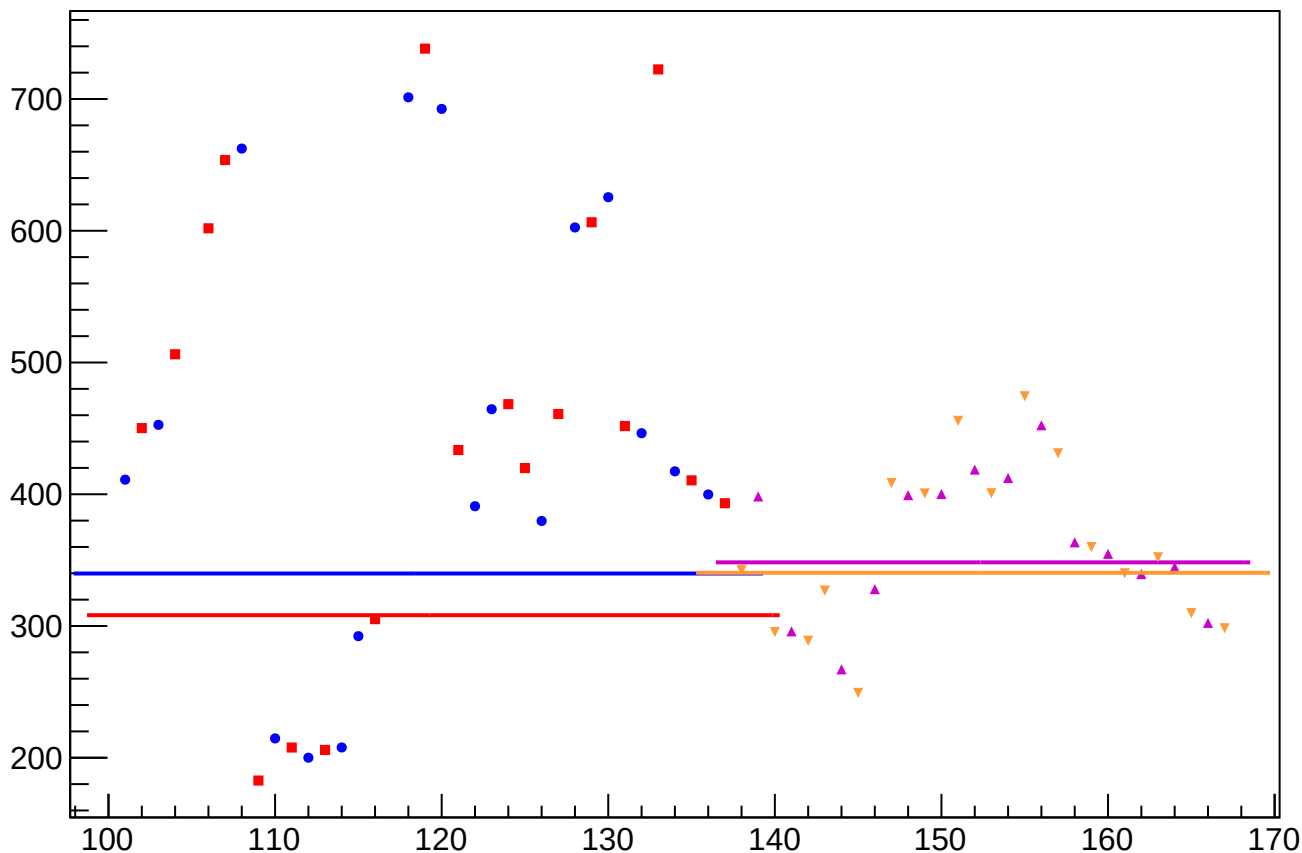
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 163.077+/-85.470 χ^2/NDF :36.3/30

Out: 310.246+/-79.162 χ^2/NDF :68.8/33

All: 242.293+/-58.078 χ^2/NDF : 106.7/64

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: 308.199 ± 0.092 $\chi^2/\text{NDF}: 2698828.8/17$

Left In: 348.309 ± 0.075 $\chi^2/\text{NDF}: 494673.3/13$

Left: 344.090 ± 0.052 $\chi^2/\text{NDF}: 1228953.0/29$

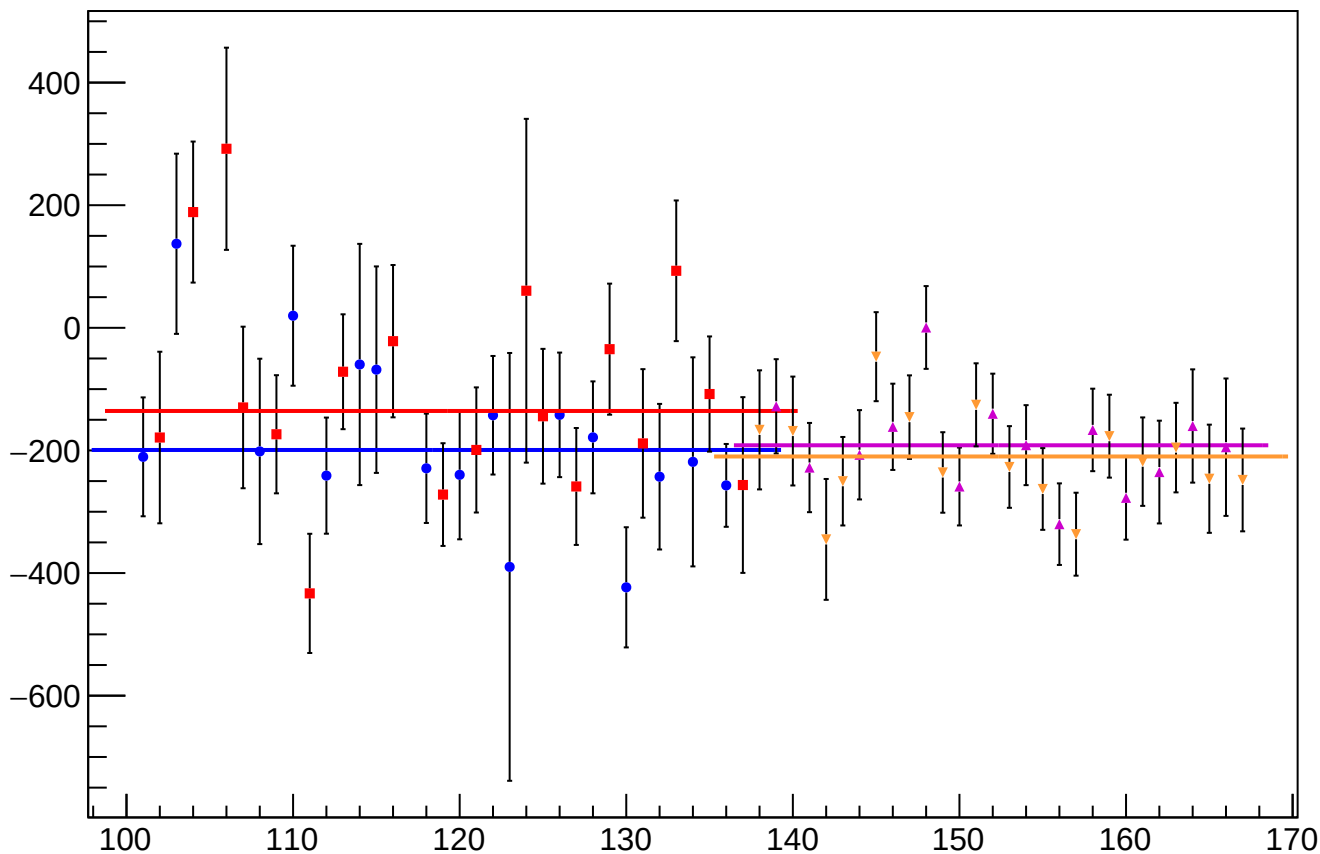
Right: 322.502 ± 0.068 $\chi^2/\text{NDF}: 4796037.7/34$

In: 345.288 ± 0.060 $\chi^2/\text{NDF}: 2542694.3/30$

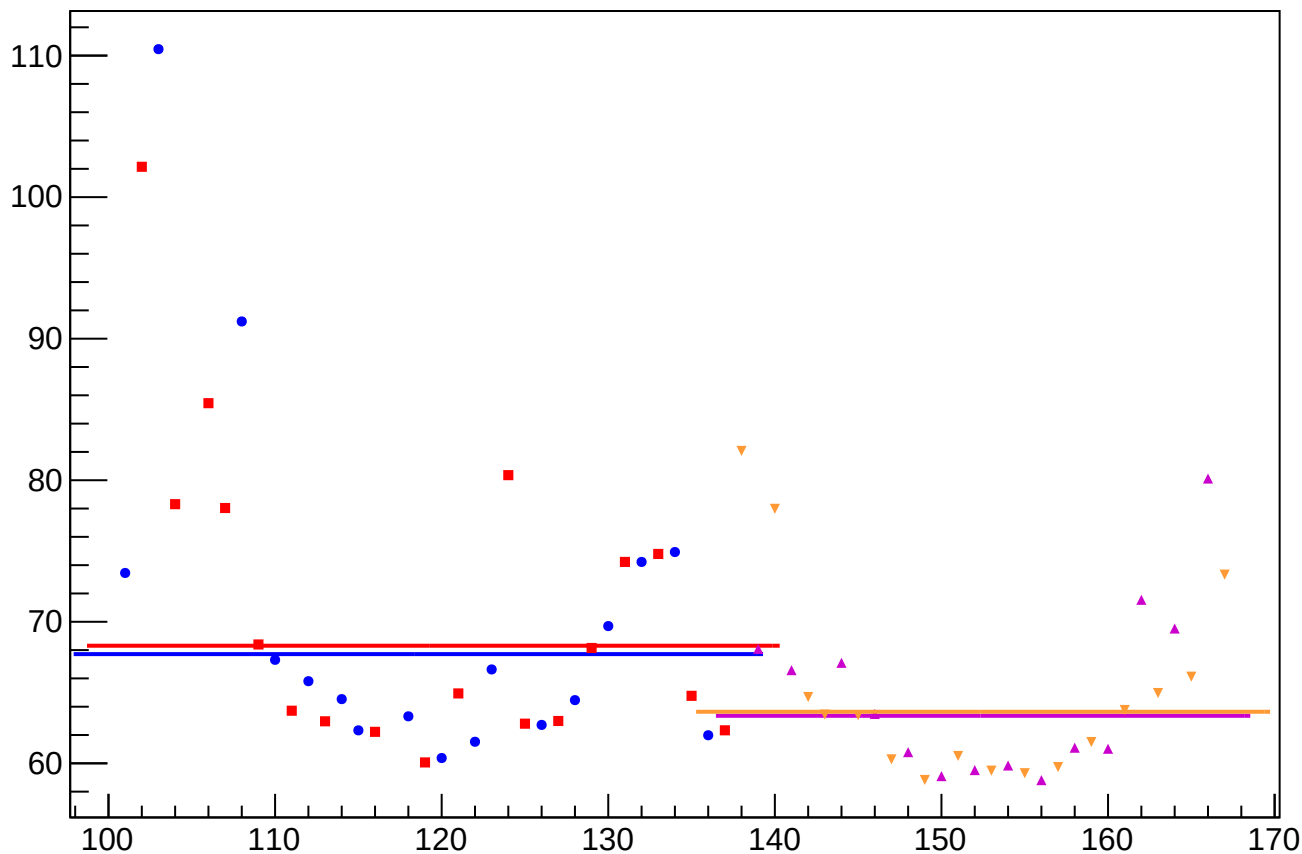
Out: 328.427 ± 0.056 $\chi^2/\text{NDF}: 3504435.7/33$

All: 336.212 ± 0.041 $\chi^2/\text{NDF}: 6089026.2/64$

dit_asym_sam8_mean vs Slug, Sign Corrected



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: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 63.358 $\pm$ 0.014 χ^2 /NDF: 128041.1/13

Left: 63.507 $\pm$ 0.009 χ^2 /NDF: 326523.1/29

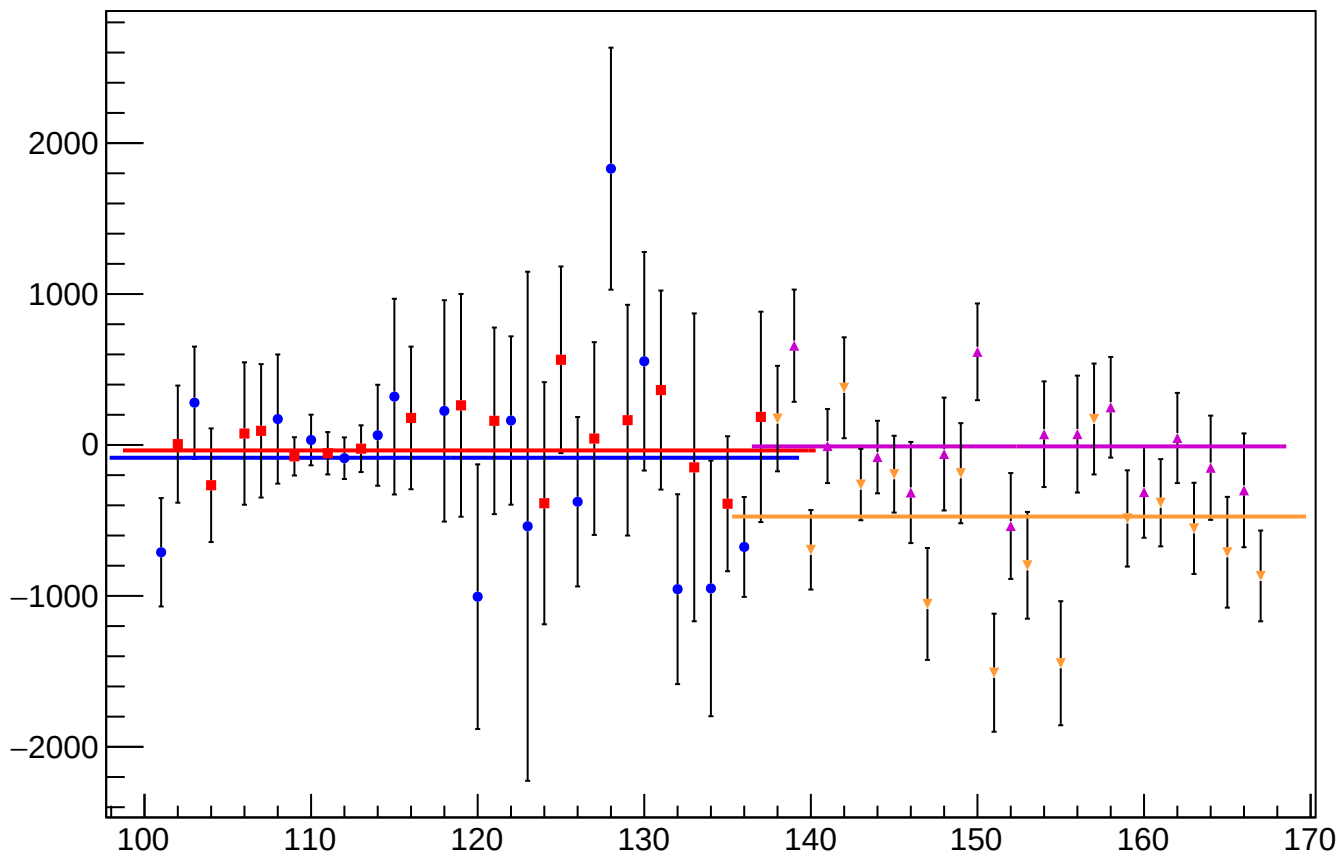
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 64.867 $\pm$ 0.011 χ^2 /NDF: 446240.8/30

Out: 65.192 $\pm$ 0.011 χ^2 /NDF: 474752.6/33

All: 65.035 $\pm$ 0.008 χ^2 /NDF: 921440.5/64

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: -36.132 $\pm$ 69.750 χ^2 /NDF: 3.4/17

Left In: -9.488 $\pm$ 85.634 χ^2 /NDF:12.7/13

Left: -260.688 $\pm$ 58.051 χ^2 /NDF: 63.3/29

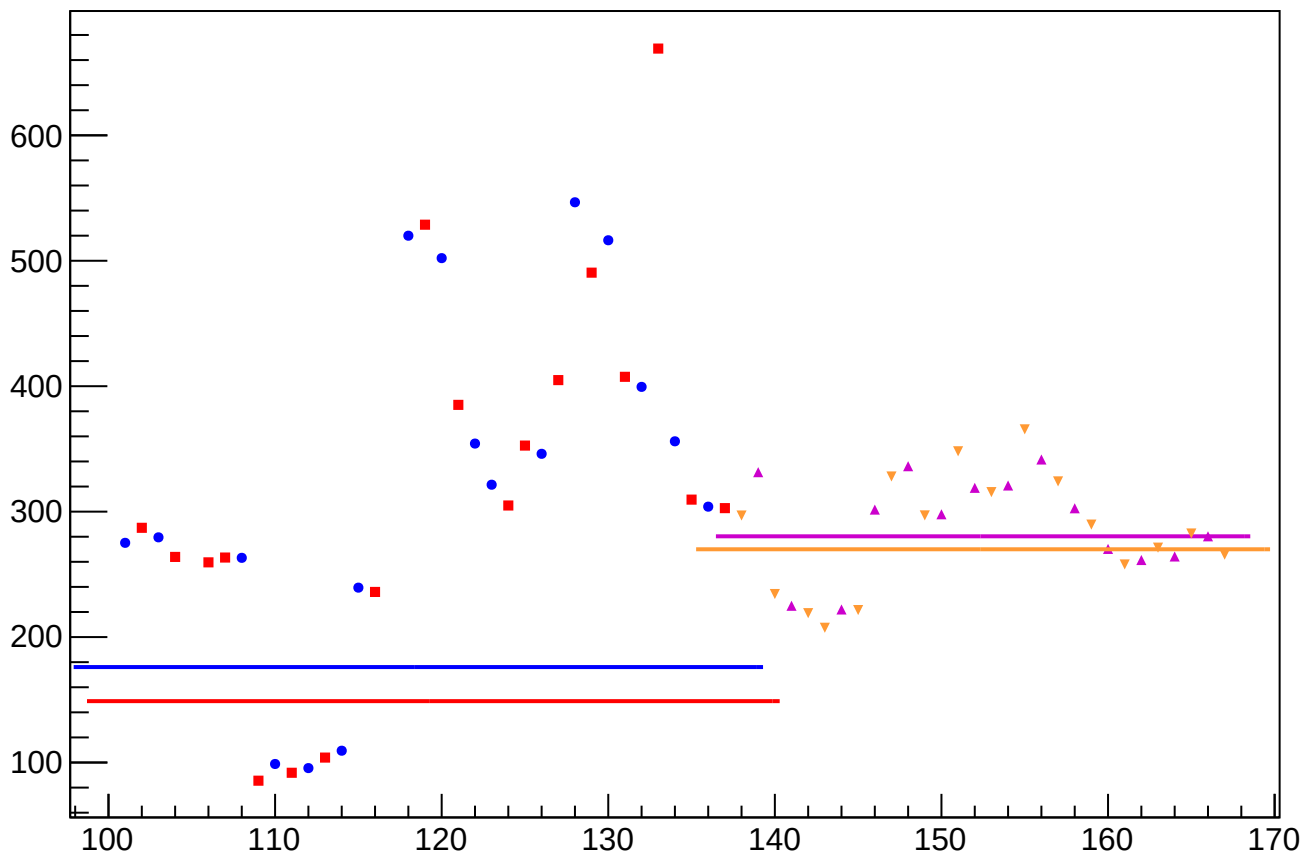
Right: -56.354 $\pm$ 53.310 χ^2 /NDF: 23.5/34

In: -48.450 $\pm$ 59.476 χ^2 /NDF:33.0/30

Out: -228.164 $\pm$ 52.276 χ^2 /NDF:55.4/33

All: -149.837 $\pm$ 39.265 χ^2 /NDF: 93.6/64

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: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 280.333 $\pm$ 0.061 χ^2 /NDF: 440437.5/13

Left: 274.745 $\pm$ 0.041 χ^2 /NDF: 1104714.4/29

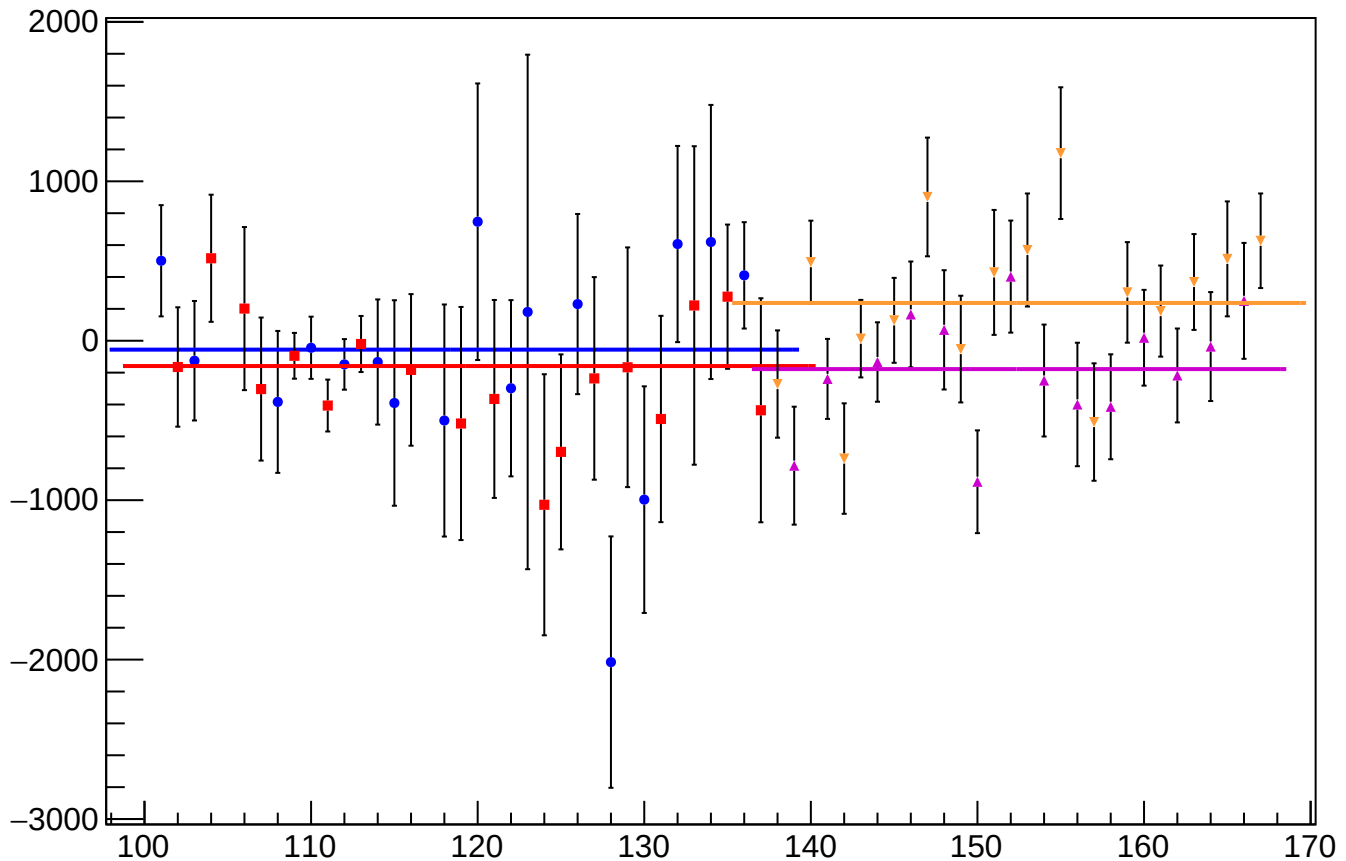
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 226.378 $\pm$ 0.042 χ^2 /NDF: 6197967.7/30

Out: 201.990 $\pm$ 0.037 χ^2 /NDF: 8060018.7/33

All: 212.619 $\pm$ 0.028 χ^2 /NDF: 14447703.4/64

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 237.002 ± 79.247 χ^2/NDF : 29.1/15

Right Out: -158.676 ± 77.072 χ^2/NDF : 10.4/17

Left In: -177.783 ± 85.746 χ^2/NDF : 14.7/13

Left: 45.922 ± 58.198 χ^2/NDF : 56.4/29

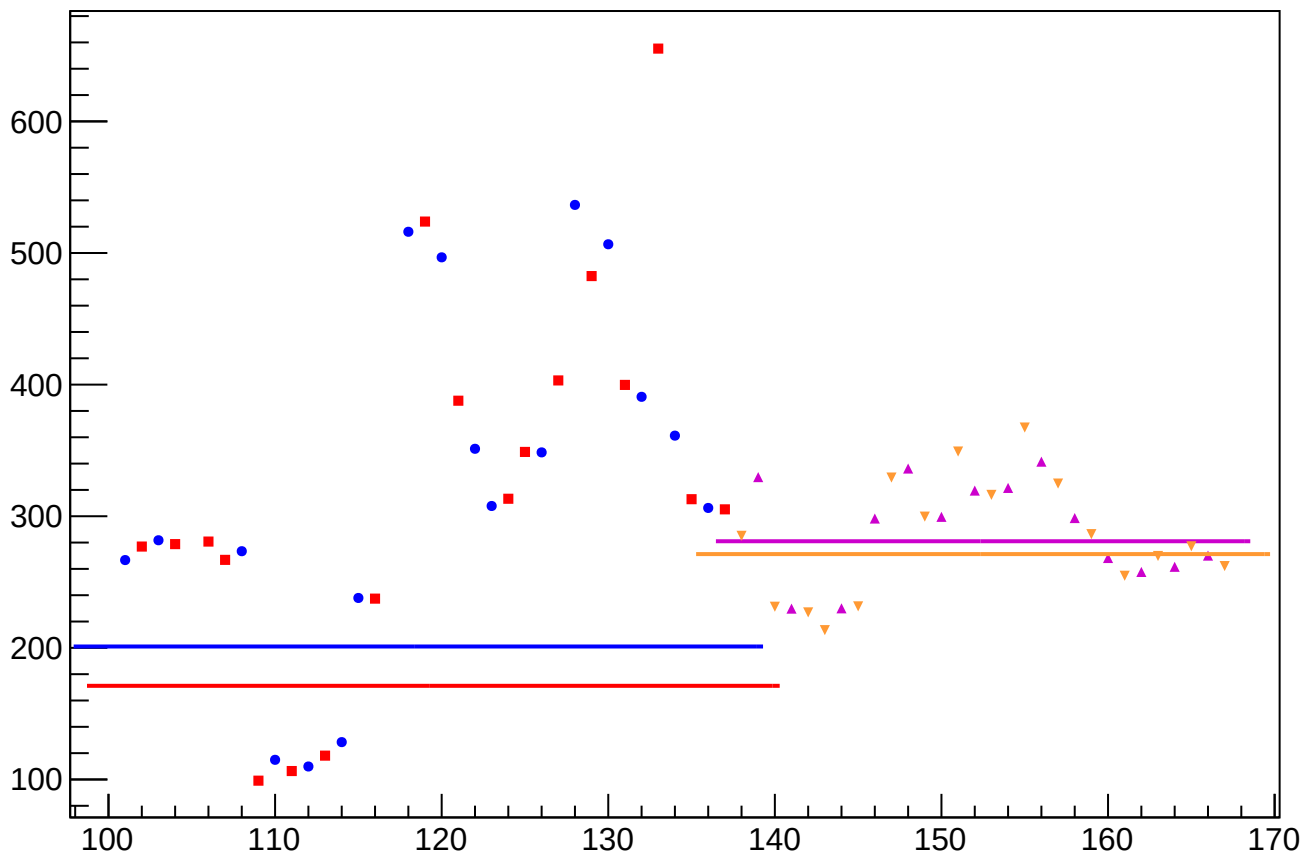
Right: -115.437 ± 58.697 χ^2/NDF : 28.3/34

In: -120.092 ± 62.268 χ^2/NDF : 32.8/30

Out: 33.659 ± 55.251 χ^2/NDF : 52.3/33

All: -34.069 ± 41.328 χ^2/NDF : 88.5/64

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: 171.159 $\pm$ 0.054 χ^2 /NDF: 4065598.7/17

Left In: 281.000 $\pm$ 0.061 χ^2 /NDF: 386836.0/13

Left: 275.736 $\pm$ 0.041 χ^2 /NDF: 980580.6/29

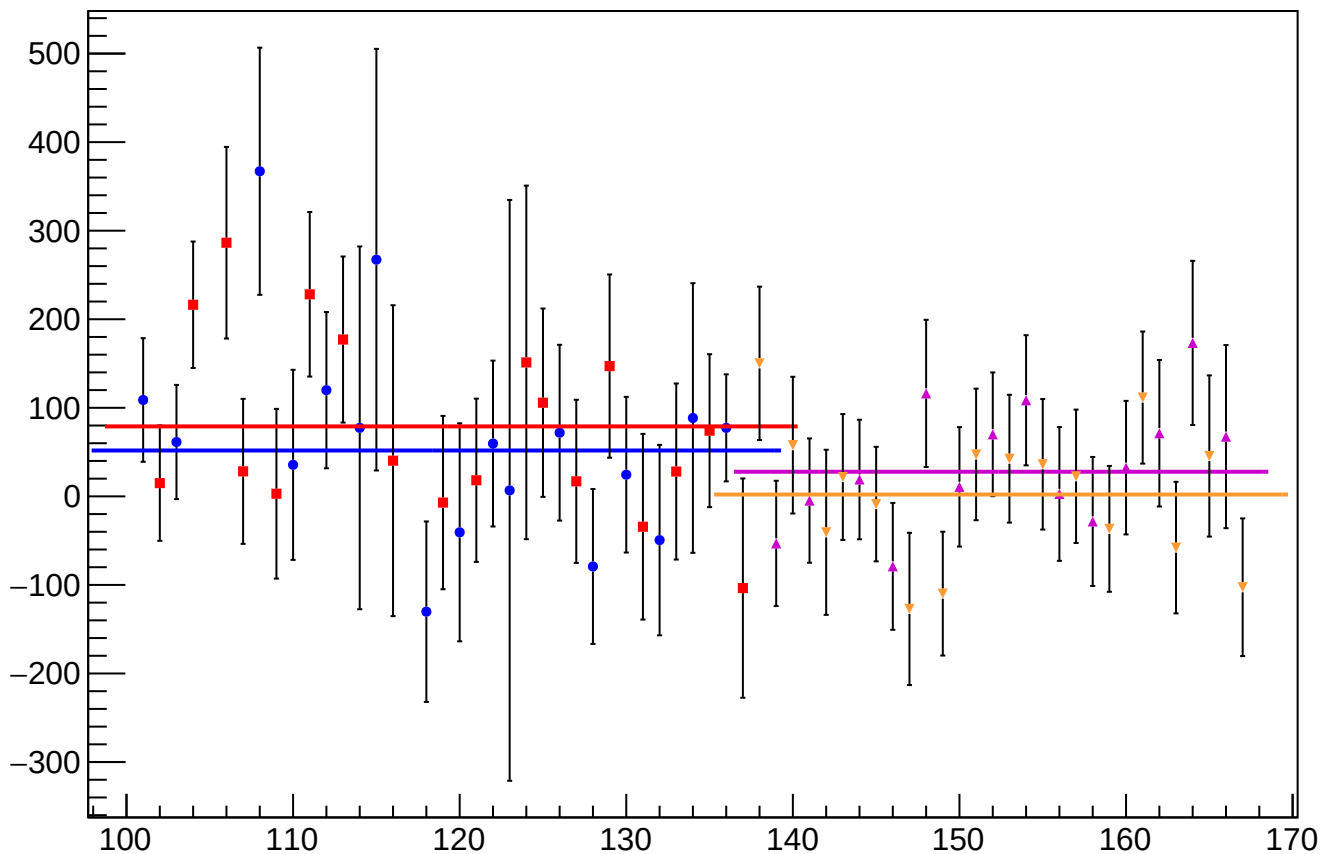
Right: 183.707 $\pm$ 0.042 χ^2 /NDF: 7624855.0/34

In: 243.205 $\pm$ 0.044 χ^2 /NDF: 4641968.8/30

Out: 219.807 $\pm$ 0.039 χ^2 /NDF: 6284640.7/33

All: 230.114 $\pm$ 0.029 χ^2 /NDF: 11084612.7/64

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 2.113 $\pm$ 18.992 χ^2 /NDF:14.7/15

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 27.802 $\pm$ 20.132 χ^2 /NDF:10.1/13

Left: 14.210 $\pm$ 13.815 χ^2 /NDF: 25.7/29

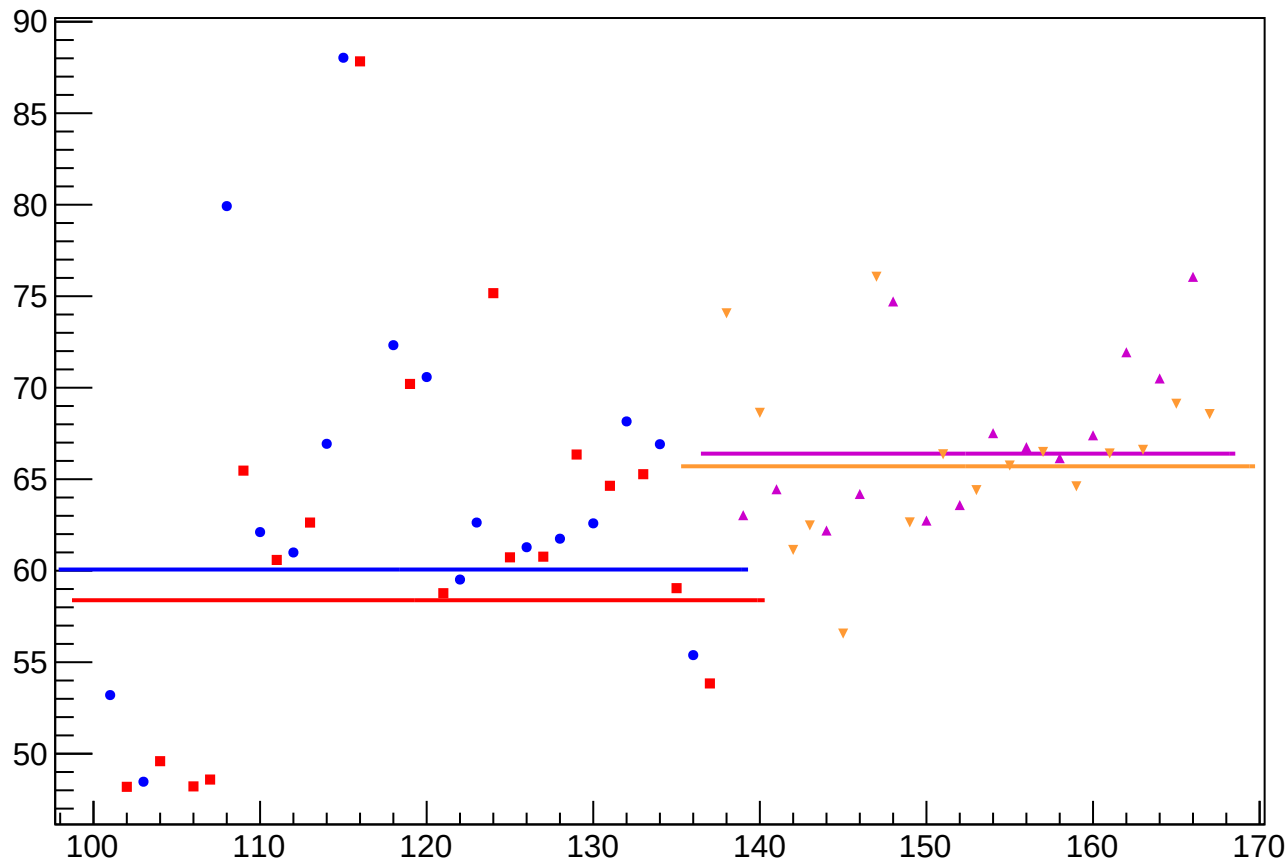
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 37.940 $\pm$ 15.299 χ^2 /NDF:25.3/30

Out: 34.107 $\pm$ 14.513 χ^2 /NDF:40.5/33

All: 35.922 $\pm$ 10.529 χ^2 /NDF: 65.8/64

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.706 $\pm$ 0.013 χ^2 /NDF: 110767.8/15

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 66.397 $\pm$ 0.014 χ^2 /NDF: 76081.3/13

Left: 66.031 $\pm$ 0.010 χ^2 /NDF: 188096.7/29

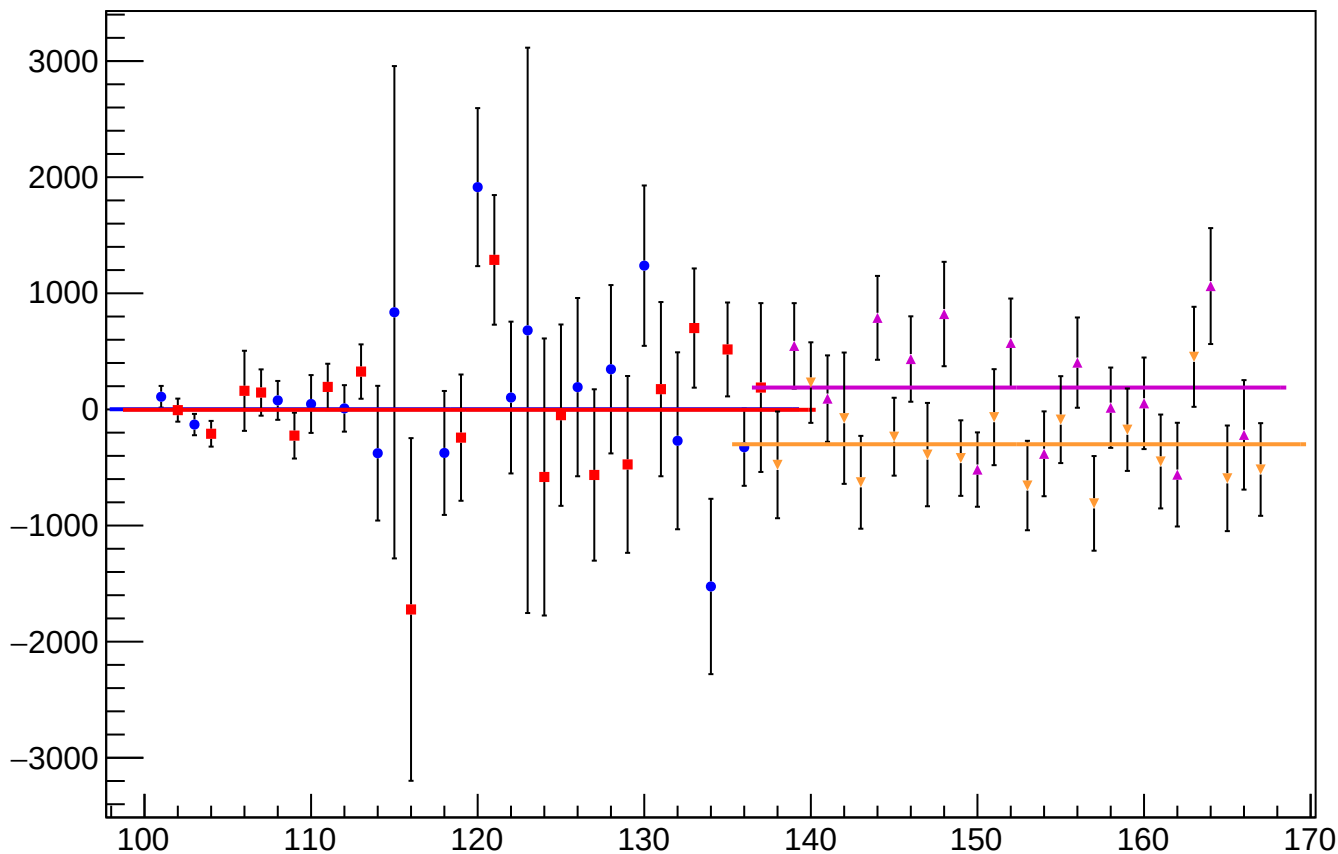
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 63.722 $\pm$ 0.011 χ^2 /NDF: 388762.5/30

Out: 62.661 $\pm$ 0.010 χ^2 /NDF: 509366.4/33

All: 63.163 $\pm$ 0.007 χ^2 /NDF: 903196.1/64

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -299.876 ± 98.950 $\chi^2/\text{NDF}: 10.6/15$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 188.359 ± 103.341 $\chi^2/\text{NDF}: 21.8/13$

Left: -66.351 ± 71.470 $\chi^2/\text{NDF}: 44.1/29$

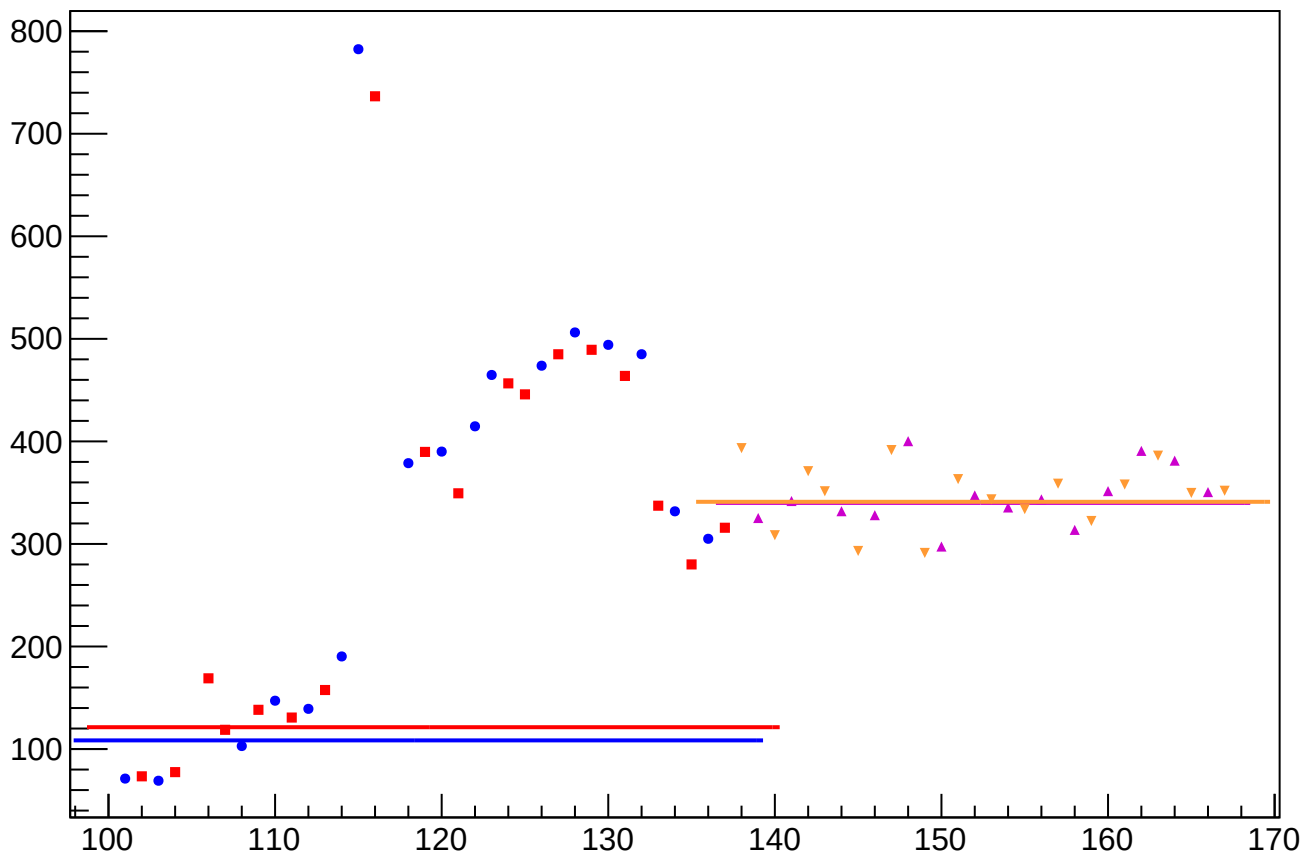
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 41.973 ± 48.057 $\chi^2/\text{NDF}: 45.8/30$

Out: -76.393 ± 49.138 $\chi^2/\text{NDF}: 37.6/33$

All: -15.894 ± 34.357 $\chi^2/\text{NDF}: 86.4/64$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 341.089 $\pm$ 0.070 χ^2 /NDF: 207344.3/15

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 340.000 $\pm$ 0.073 χ^2 /NDF: 132459.1/13

Left: 340.568 $\pm$ 0.051 χ^2 /NDF: 339919.4/29

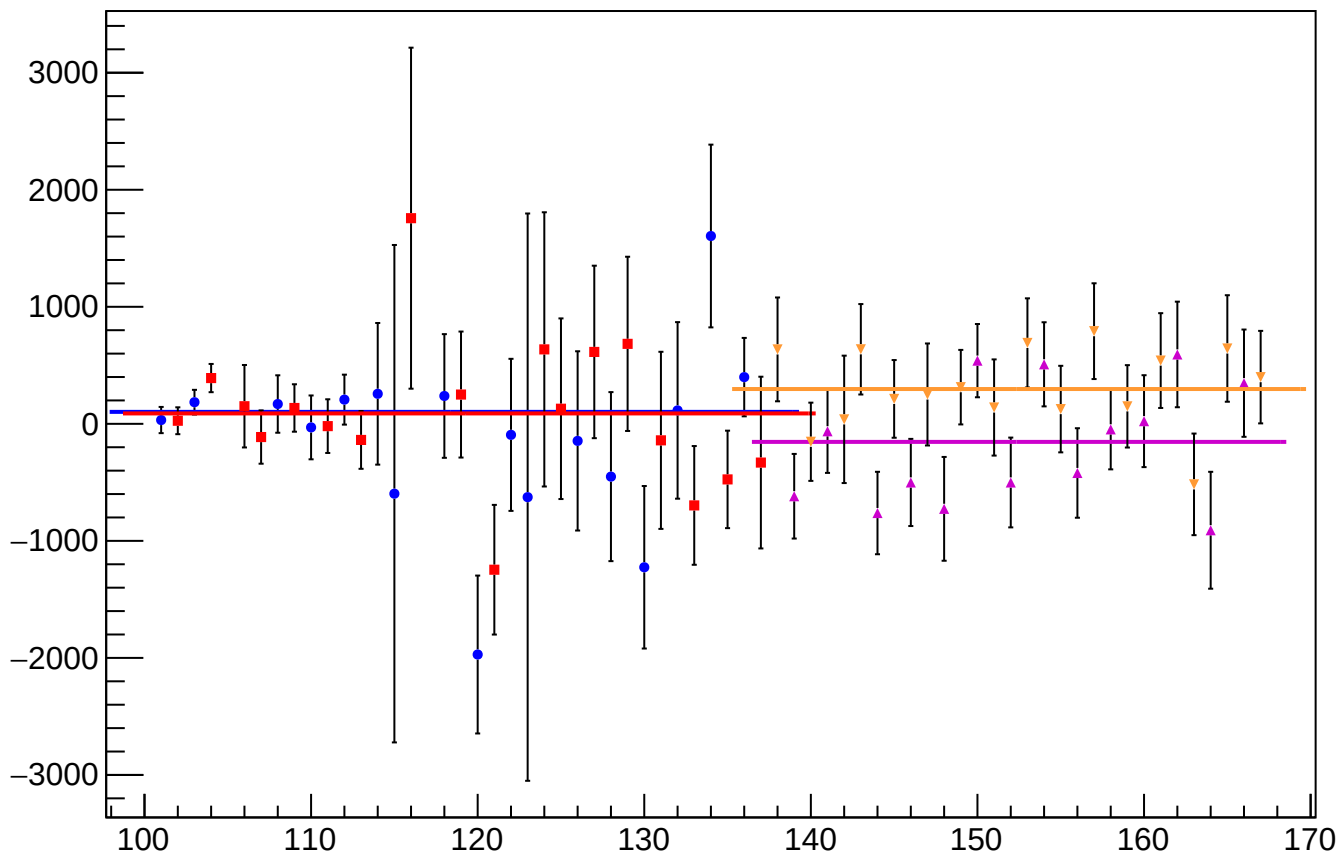
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 158.520 $\pm$ 0.034 χ^2 /NDF: 13406340.2/30

Out: 175.503 $\pm$ 0.035 χ^2 /NDF: 12372889.4/33

All: 166.823 $\pm$ 0.024 χ^2 /NDF: 25901337.9/64

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 297.395+/-97.532 χ^2/NDF :11.1/15

Right Out: 88.841+/-62.230 χ^2/NDF : 21.7/17

Left In: -154.292+/-101.939 χ^2/NDF :23.4/13

Left: 81.527+/-70.472 χ^2/NDF : 44.7/29

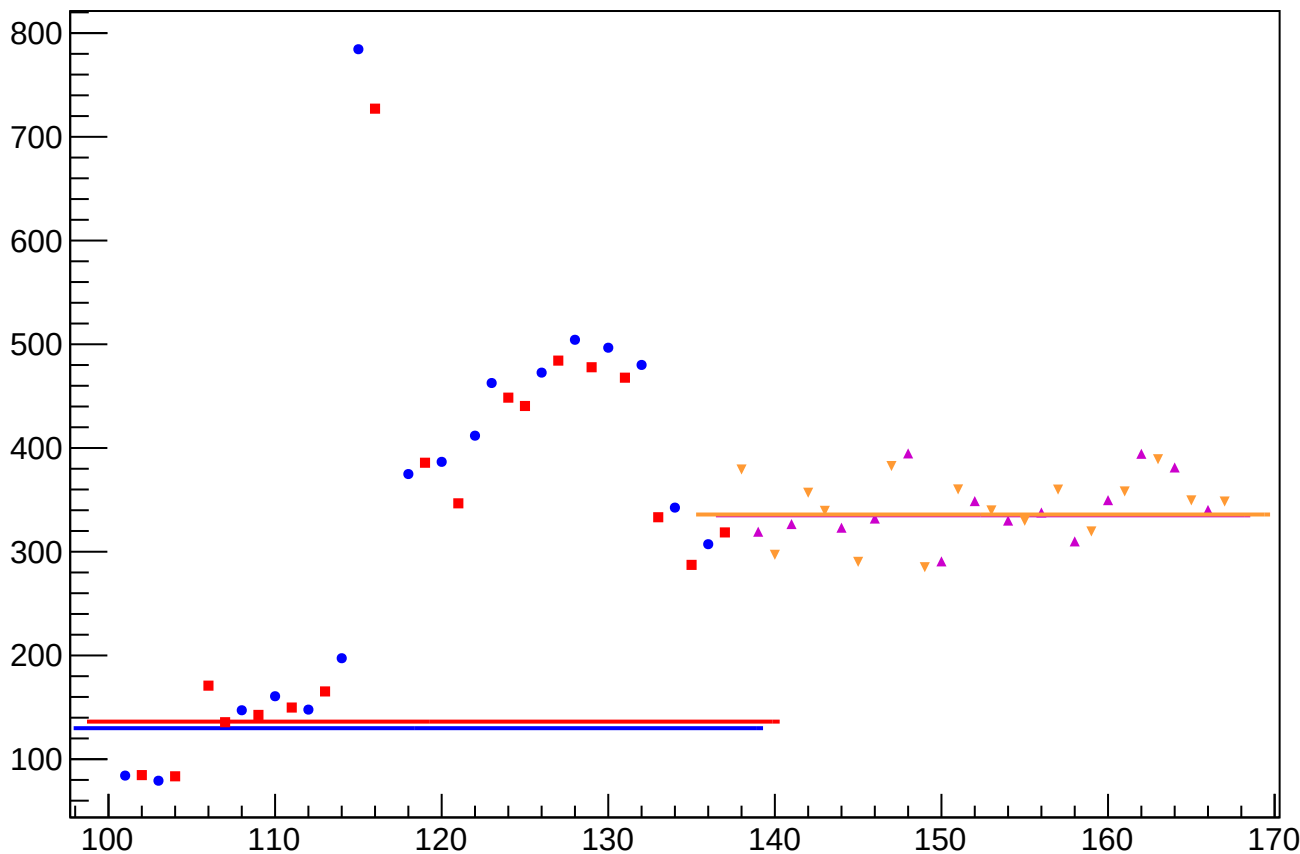
Right: 95.435+/-44.317 χ^2/NDF : 42.0/34

In: 31.118+/-53.670 χ^2/NDF :48.2/30

Out: 149.180+/-52.461 χ^2/NDF :36.1/33

All: 91.494+/-37.516 χ^2/NDF : 86.8/64

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 335.886 $\pm$ 0.069 χ^2 /NDF: 219886.7/15

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 335.087 $\pm$ 0.072 χ^2 /NDF: 152413.1/13

Left: 335.504 $\pm$ 0.050 χ^2 /NDF: 372364.0/29

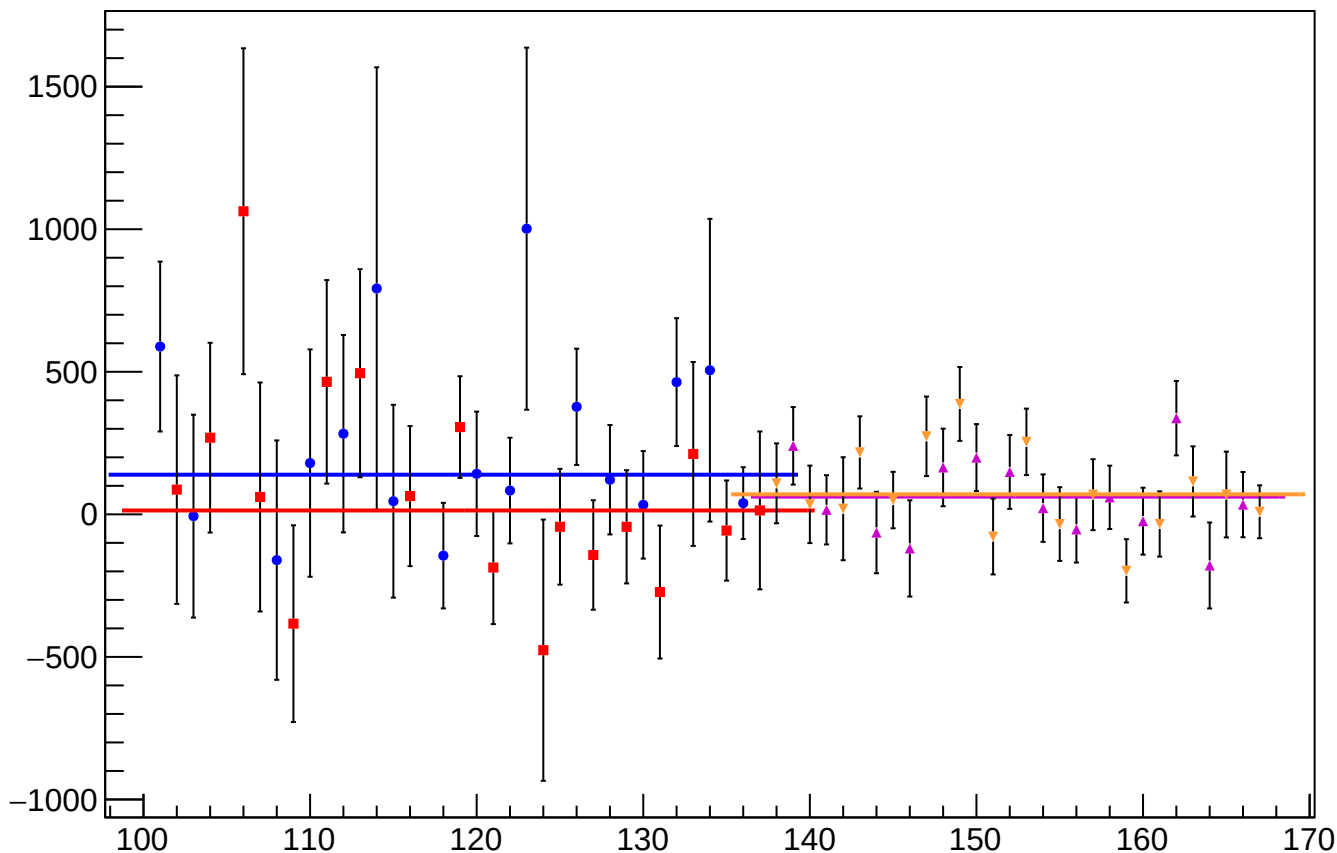
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 186.764 $\pm$ 0.038 χ^2 /NDF: 10839783.8/30

Out: 193.991 $\pm$ 0.037 χ^2 /NDF: 10459229.2/33

All: 190.460 $\pm$ 0.027 χ^2 /NDF: 21317560.4/64

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 70.194 $\pm$ 30.865 χ^2 /NDF:21.3/15

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 62.238 $\pm$ 33.901 χ^2 /NDF:14.9/13

Left: 66.588 $\pm$ 22.823 χ^2 /NDF: 36.2/29

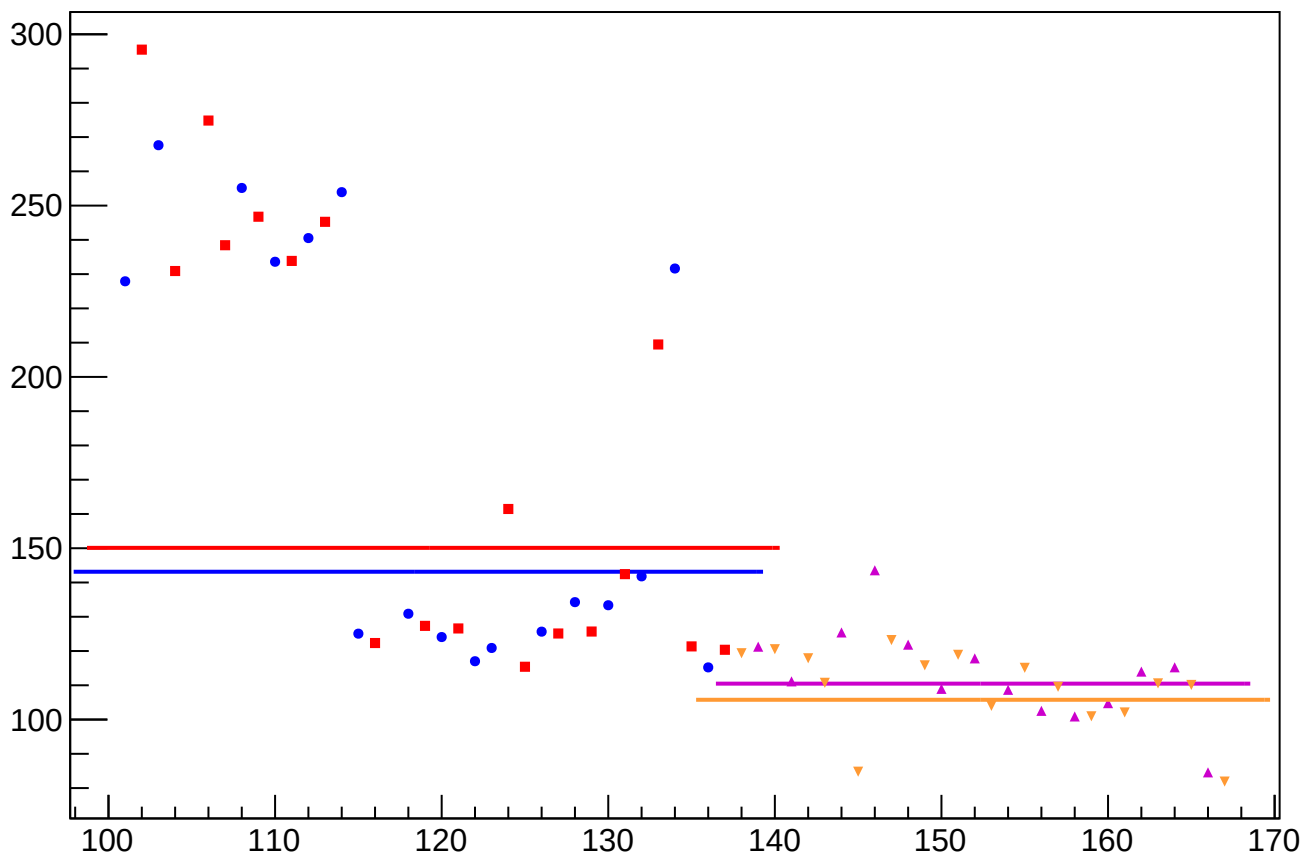
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 81.818 $\pm$ 29.266 χ^2 /NDF:29.3/30

Out: 58.399 $\pm$ 27.459 χ^2 /NDF:38.5/33

All: 69.363 $\pm$ 20.025 χ^2 /NDF: 68.1/64

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 105.769 $\pm$ 0.022 χ^2 /NDF:362914.8/15

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 110.479 $\pm$ 0.024 χ^2 /NDF:267426.6/13

Left: 107.904 $\pm$ 0.016 χ^2 /NDF: 651449.6/29

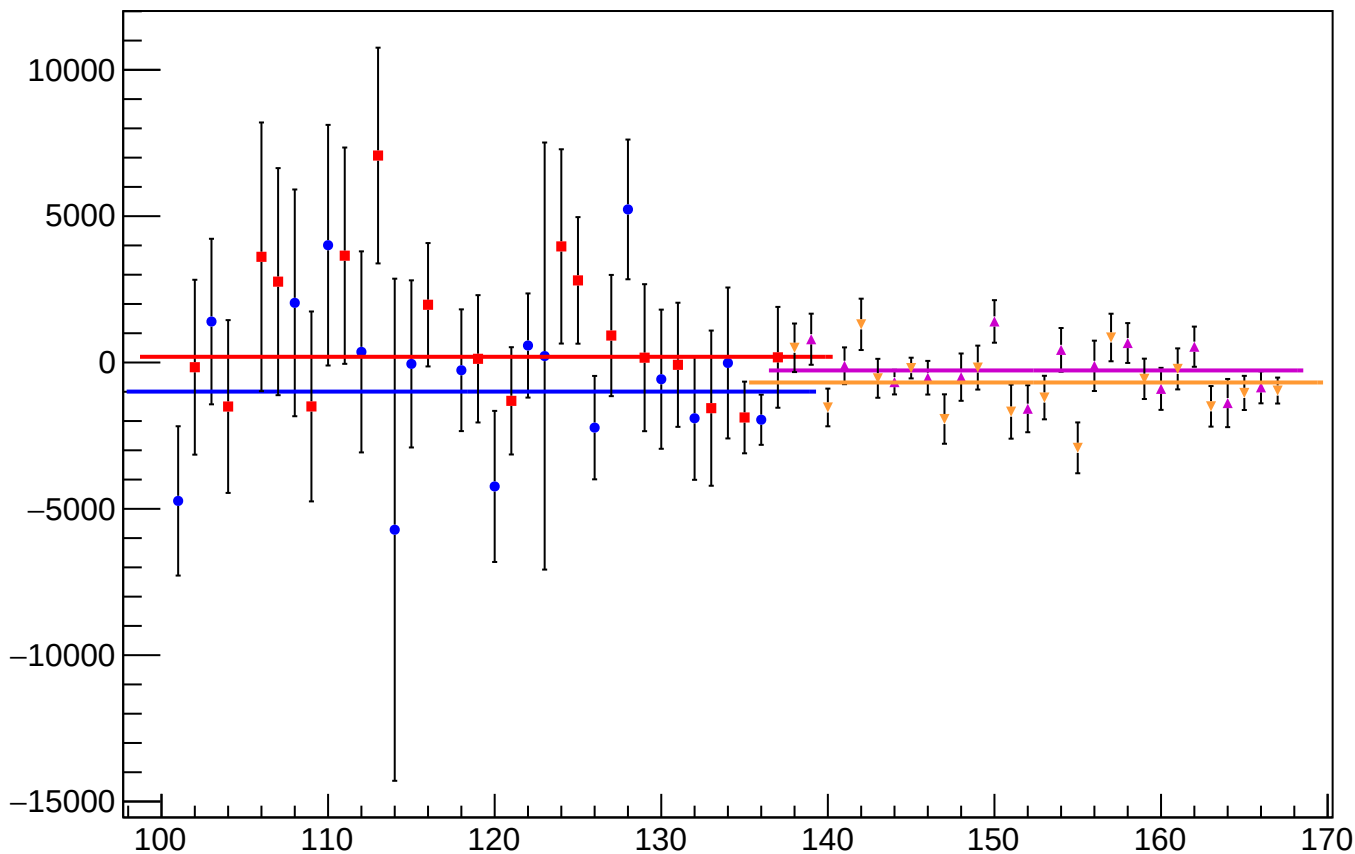
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 118.800 $\pm$ 0.021 χ^2 /NDF:1841610.5/30

Out: 115.016 $\pm$ 0.019 χ^2 /NDF:2556485.7/33

All: 116.788 $\pm$ 0.014 χ^2 /NDF: 4415874.3/64

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: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -270.811+/-177.707 χ^2/NDF : 18.6/13

Left: -497.204+/-119.237 χ^2/NDF : 49.6/29

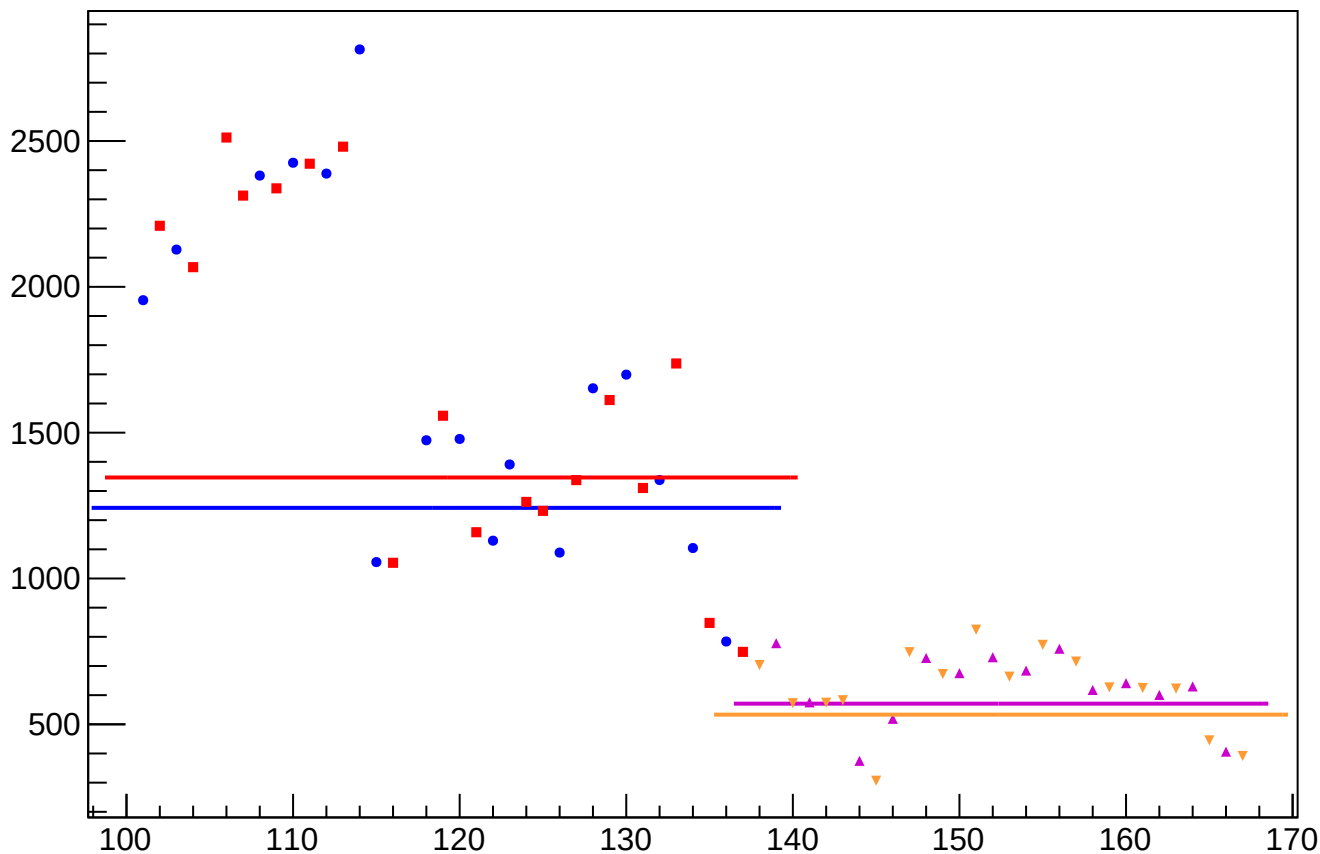
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -347.346+/-168.038 χ^2/NDF : 37.3/30

Out: -612.021+/-154.209 χ^2/NDF : 44.0/33

All: -491.020+/-113.617 χ^2/NDF : 82.6/64

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 533.164 $\pm$ 0.114 χ^2 /NDF: 1992340.6/15

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 570.851 $\pm$ 0.126 χ^2 /NDF: 1124349.9/13

Left: 550.131 $\pm$ 0.084 χ^2 /NDF: 3166143.4/29

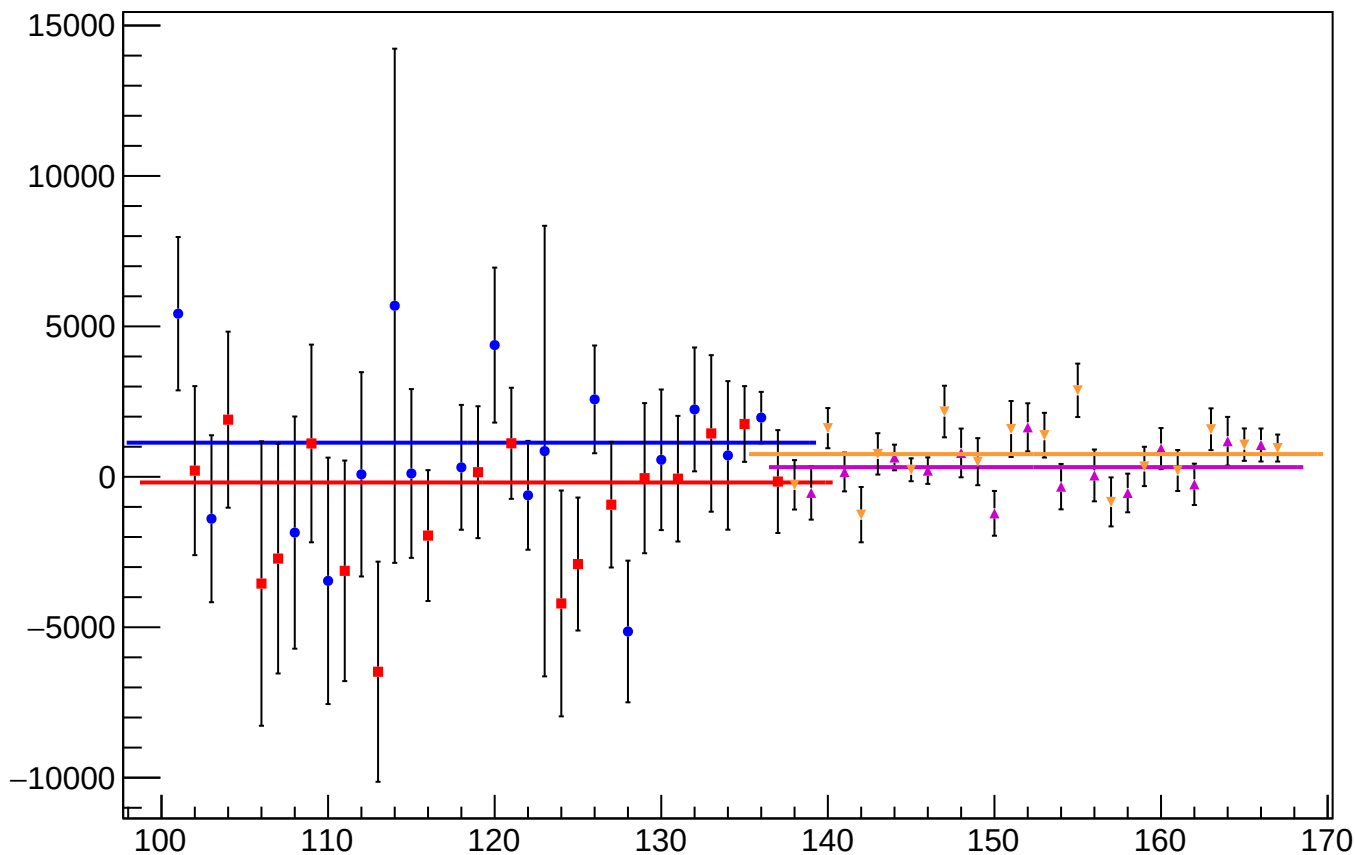
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 641.917 $\pm$ 0.119 χ^2 /NDF: 5913239.2/30

Out: 598.551 $\pm$ 0.109 χ^2 /NDF: 7913761.1/33

All: 618.377 $\pm$ 0.080 χ^2 /NDF: 13899306.3/64

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 756.035 $\pm$ 162.975 χ^2 /NDF: 26.7/15

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 322.118 $\pm$ 171.828 χ^2 /NDF: 16.0/13

Left: 550.542 $\pm$ 118.247 χ^2 /NDF: 46.1/29

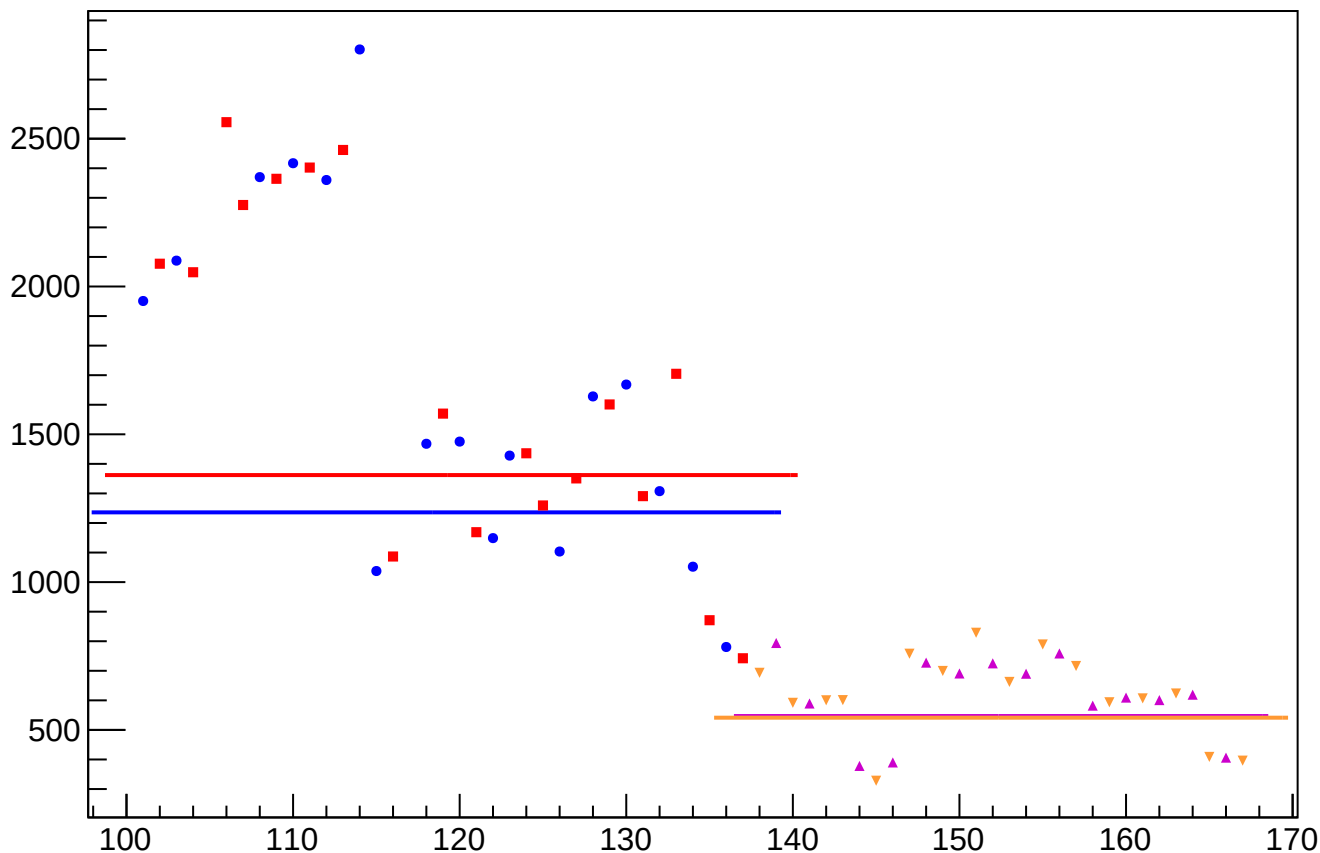
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 403.917 $\pm$ 162.956 χ^2 /NDF: 36.1/30

Out: 679.412 $\pm$ 156.218 χ^2 /NDF: 41.4/33

All: 547.478 $\pm$ 112.769 χ^2 /NDF: 79.0/64

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: 1362.092 +/- 0.388 χ^2/NDF : 1709253.2/17

Left In: 546.996 +/- 0.122 χ^2/NDF : 1380045.7/13

Left: 544.030 +/- 0.084 χ^2/NDF : 3202383.8/29

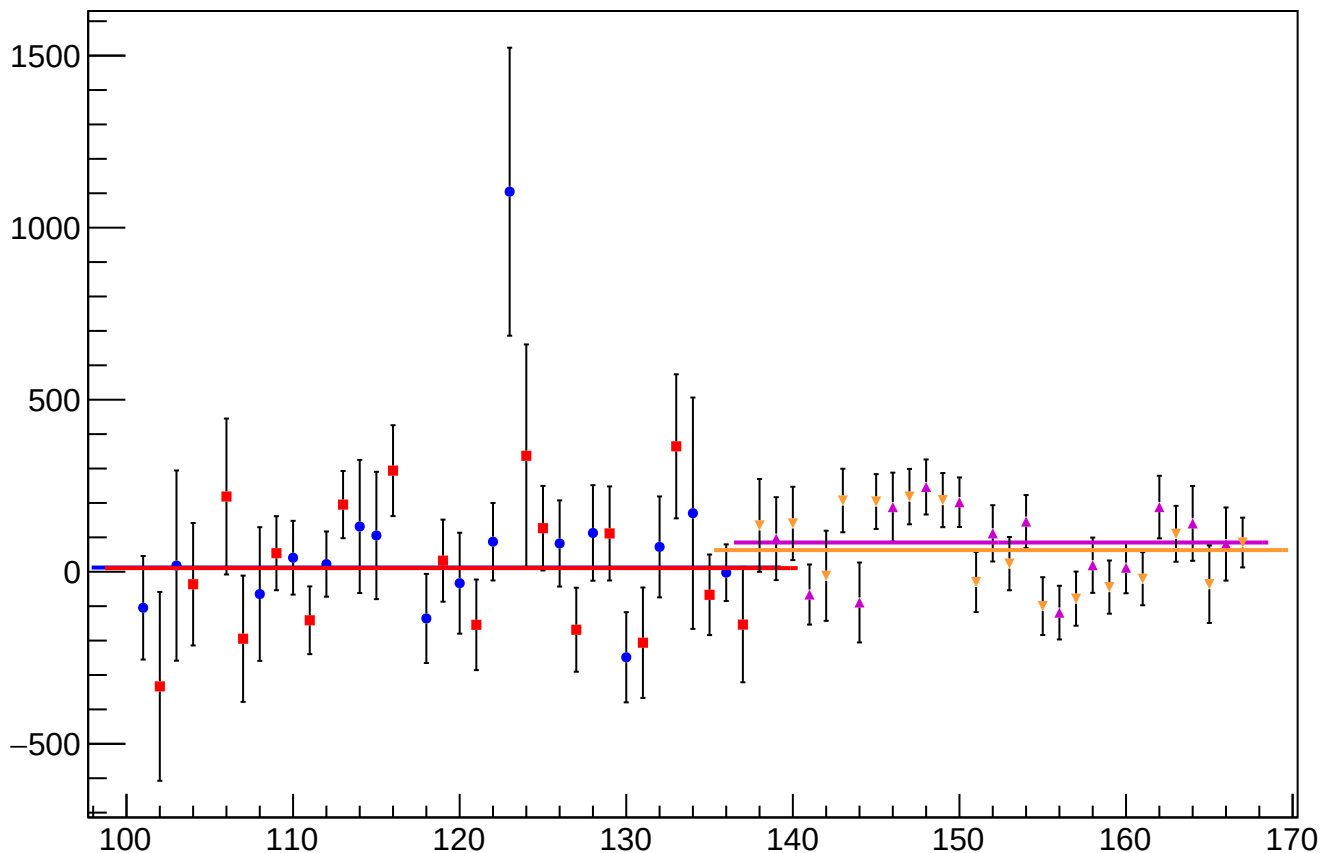
Right: 1294.931 +/- 0.265 χ^2/NDF : 3511356.6/34

In: 616.304 +/- 0.115 χ^2/NDF : 6360288.5/30

Out: 608.012 +/- 0.110 χ^2/NDF : 7649379.5/33

All: 611.983 +/- 0.080 χ^2/NDF : 14012366.7/64

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: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 85.044 $\pm$ 23.344 χ^2 /NDF:23.8/13

Left: 73.143 $\pm$ 15.841 χ^2 /NDF: 50.8/29

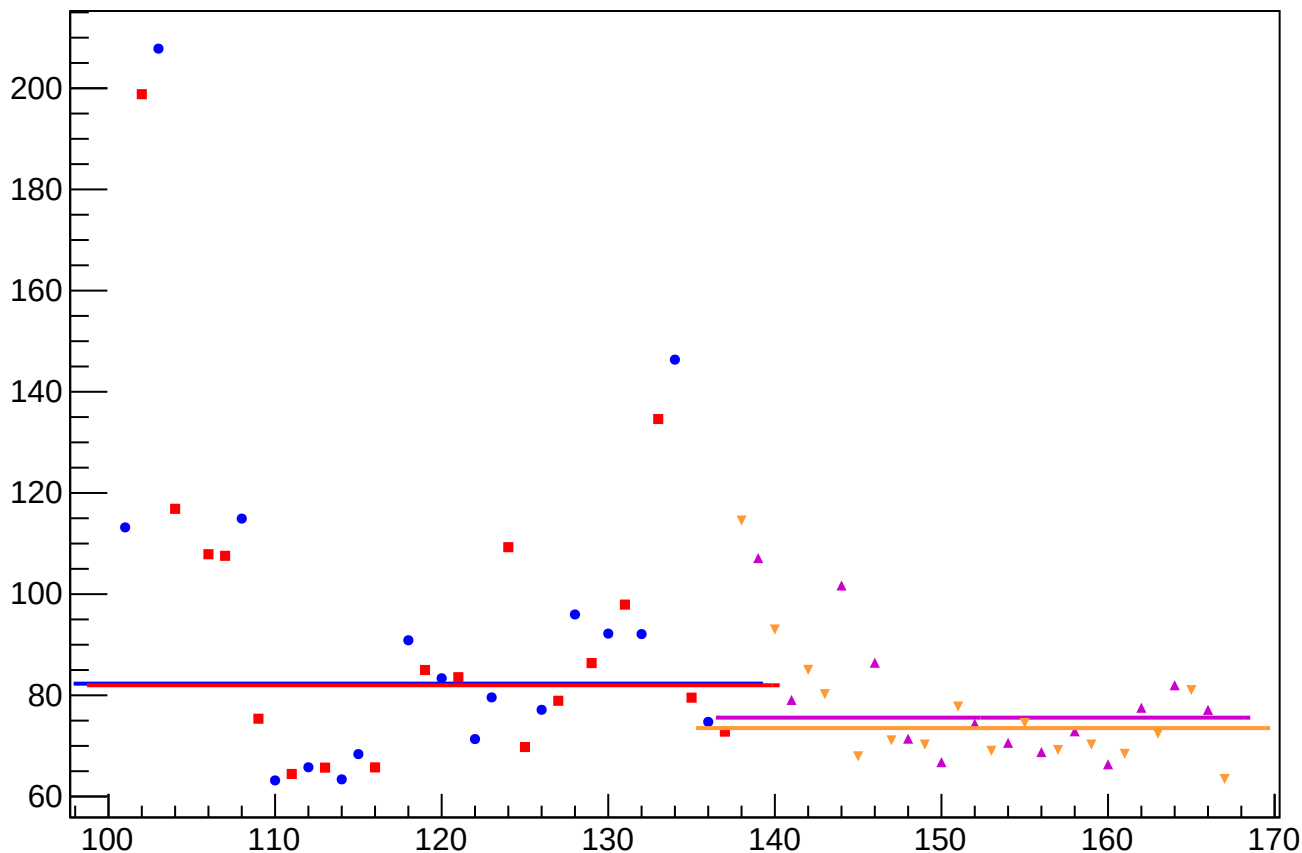
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 61.007 $\pm$ 19.101 χ^2 /NDF:42.3/30

Out: 47.041 $\pm$ 17.987 χ^2 /NDF:55.0/33

All: 53.605 $\pm$ 13.095 χ^2 /NDF: 97.7/64

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 73.519 $\pm$ 0.015 χ^2 /NDF: 370876.7/15

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 75.588 $\pm$ 0.017 χ^2 /NDF: 365448.4/13

Left: 74.472 $\pm$ 0.011 χ^2 /NDF: 744796.5/29

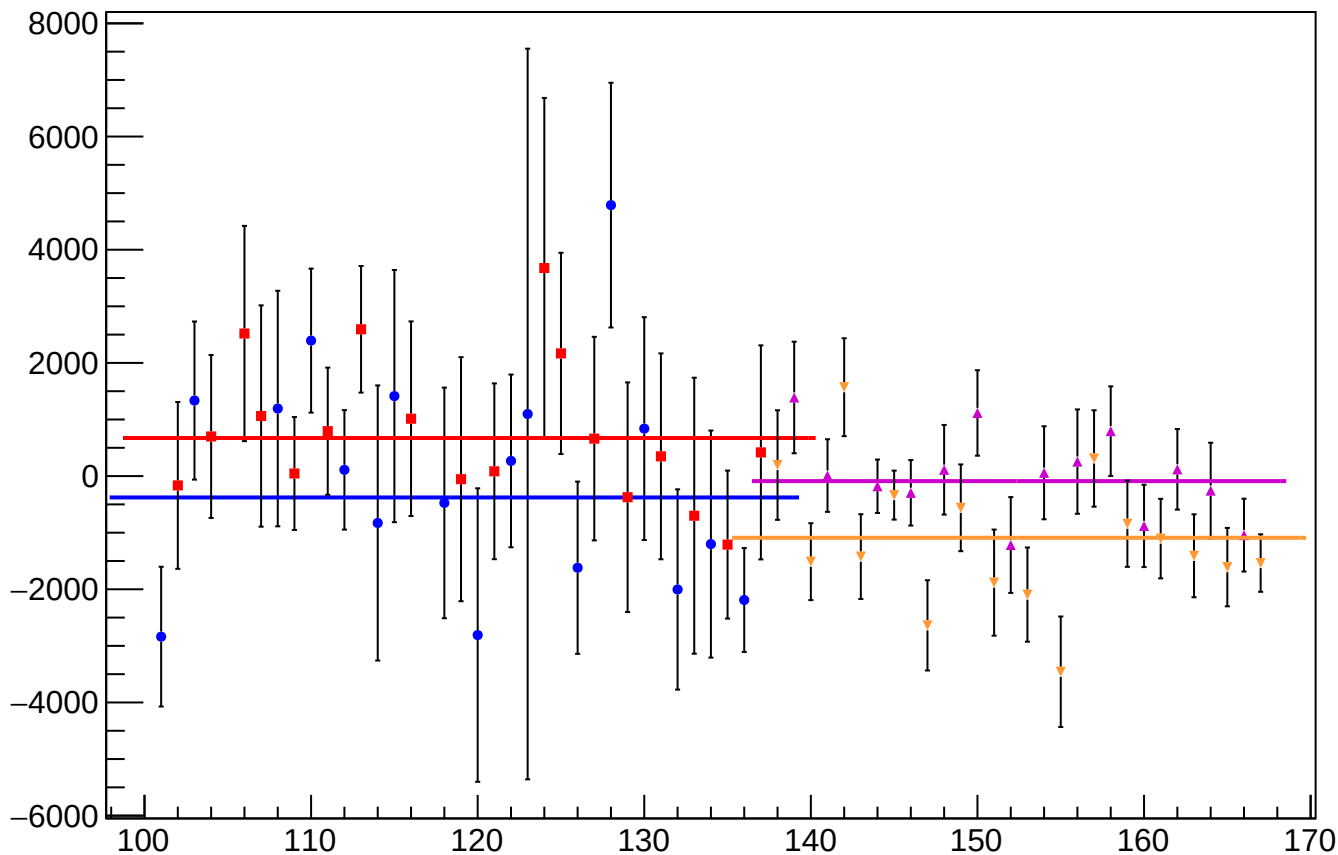
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 77.808 $\pm$ 0.014 χ^2 /NDF: 1288928.7/30

Out: 76.096 $\pm$ 0.013 χ^2 /NDF: 1317936.7/33

All: 76.901 $\pm$ 0.009 χ^2 /NDF: 2615375.0/64

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: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: -88.624 ± 190.304 $\chi^2/\text{NDF}: 11.8/13$

Left: -622.518 ± 130.015 $\chi^2/\text{NDF}: 58.0/29$

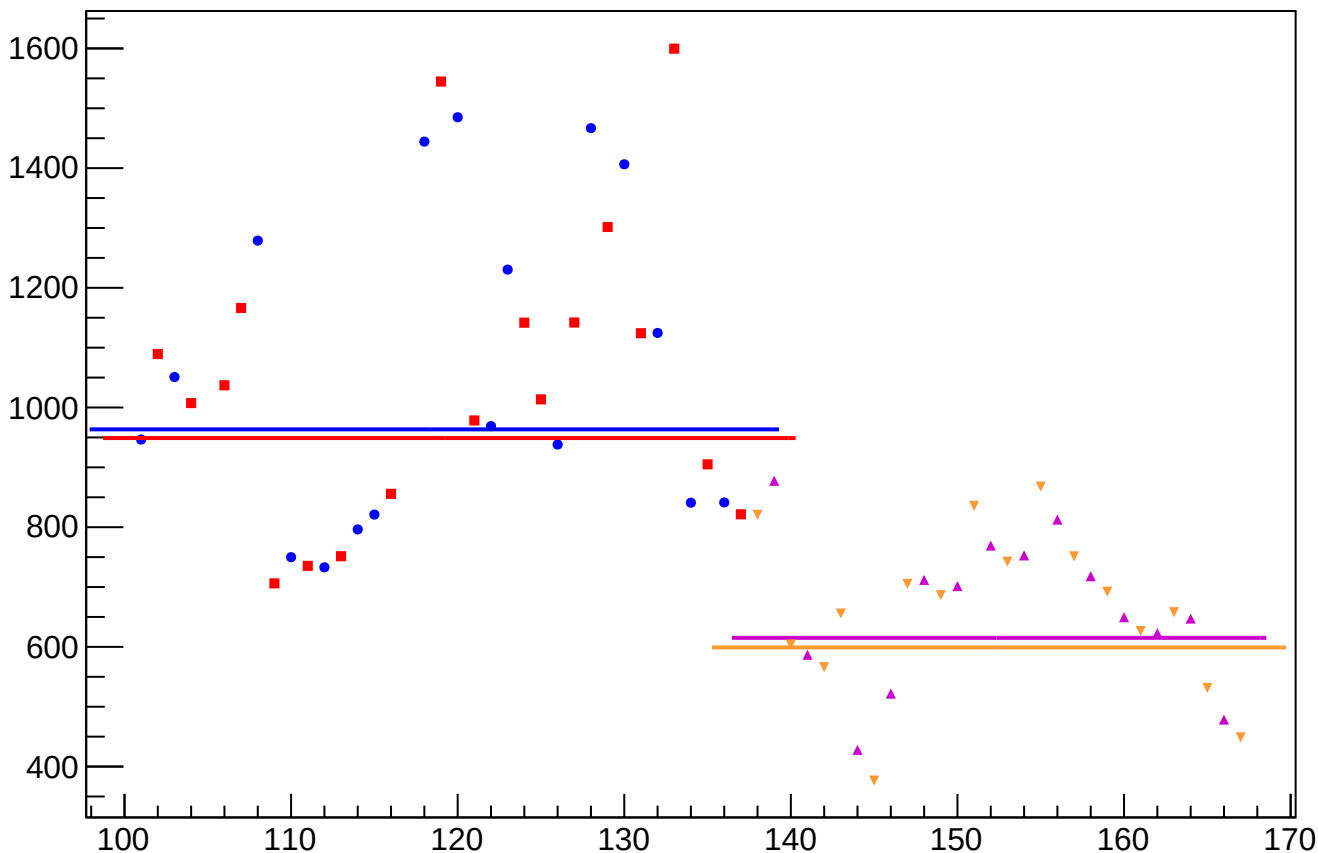
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -145.575 ± 170.504 $\chi^2/\text{NDF}: 36.7/30$

Out: -756.348 ± 160.324 $\chi^2/\text{NDF}: 59.4/33$

All: -469.738 ± 116.799 $\chi^2/\text{NDF}: 102.9/64$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 599.066 $\pm$ 0.126 χ^2 /NDF:1352065.3/15

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 615.132 $\pm$ 0.135 χ^2 /NDF:914314.0/13

Left: 606.565 $\pm$ 0.092 χ^2 /NDF: 2273980.2/29

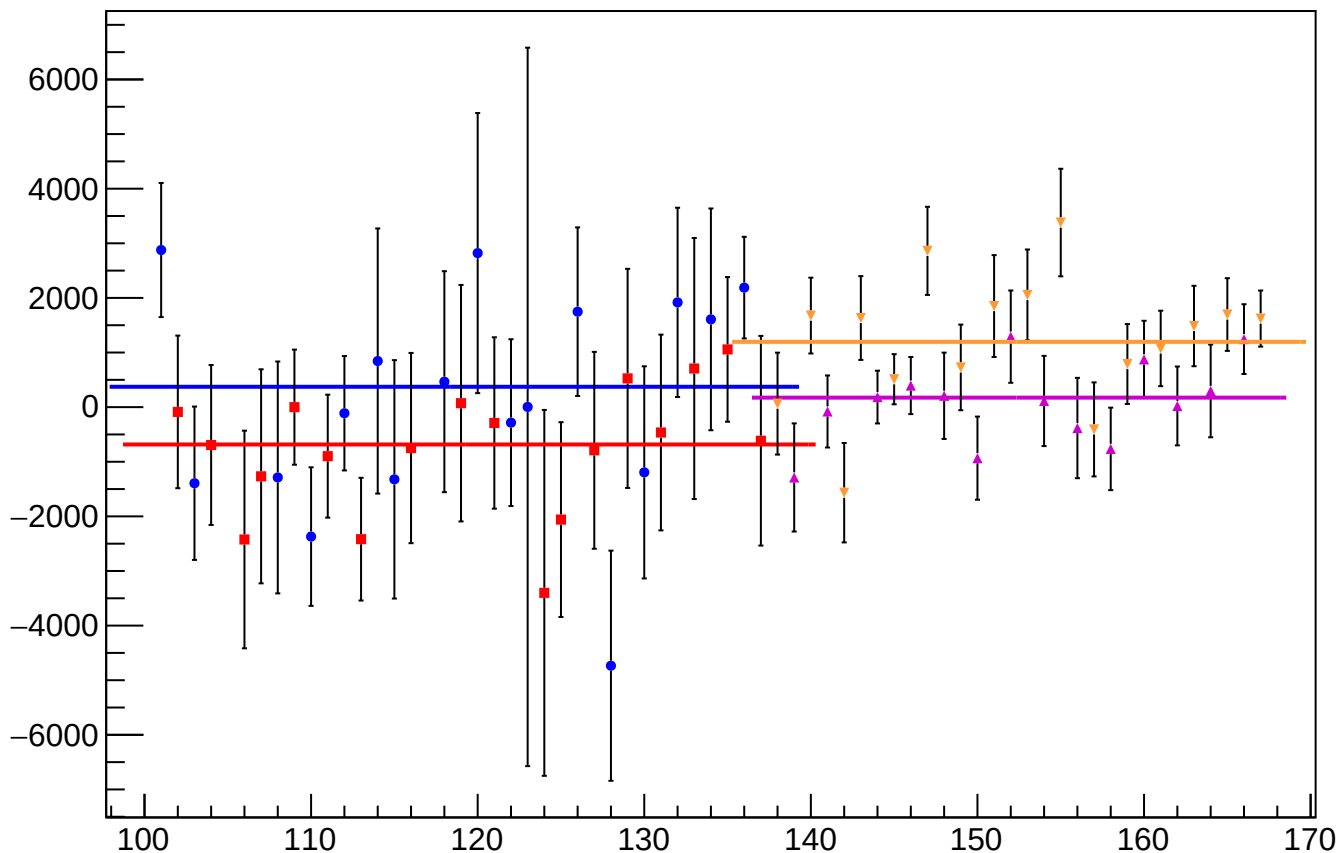
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 683.845 $\pm$ 0.121 χ^2 /NDF:2925009.9/30

Out: 665.250 $\pm$ 0.113 χ^2 /NDF:3542405.6/33

All: 673.976 $\pm$ 0.083 χ^2 /NDF: 6480041.1/64

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: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 174.077 $\pm$ 188.438 χ^2 /NDF:12.2/13

Left: 708.257 $\pm$ 130.148 χ^2 /NDF: 57.5/29

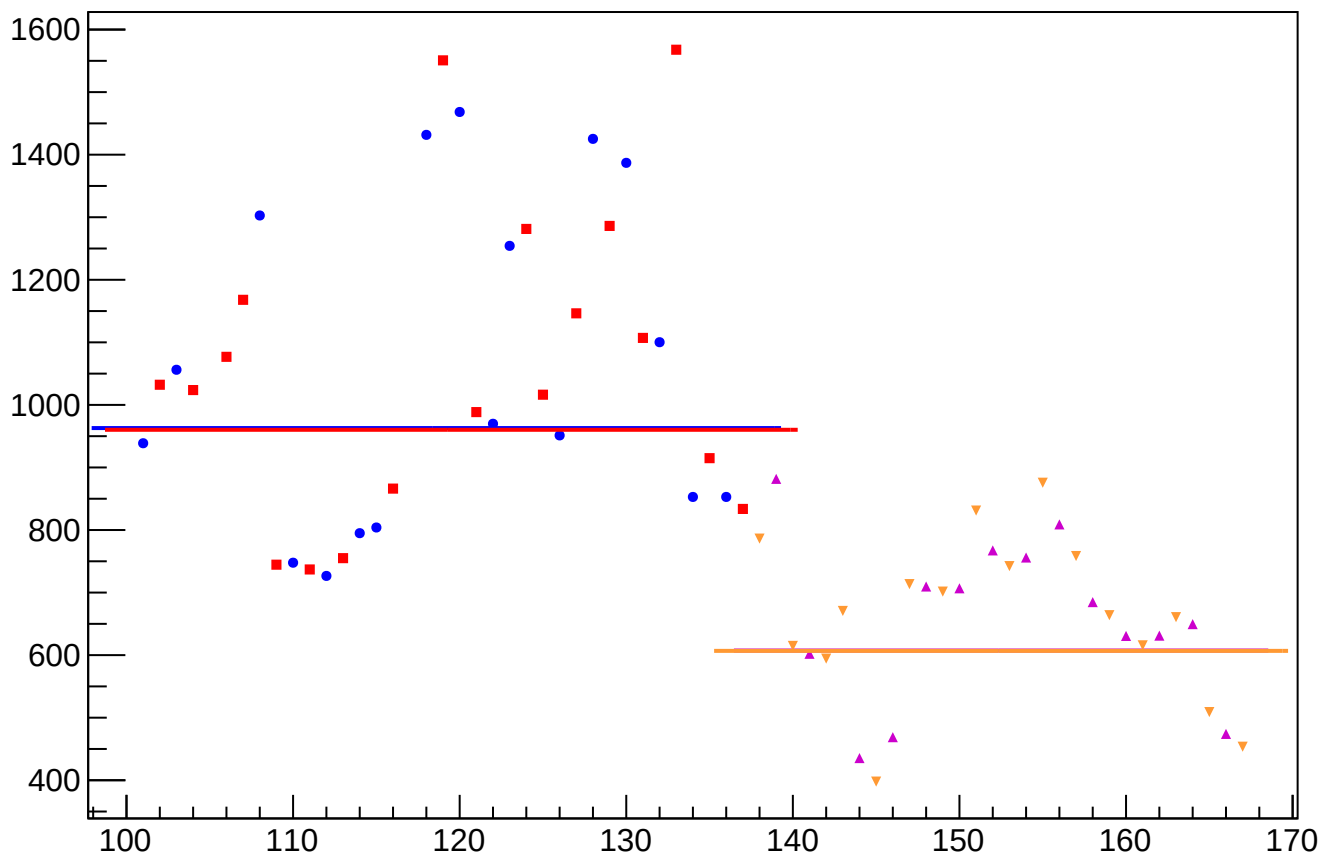
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 212.718 $\pm$ 169.138 χ^2 /NDF:37.6/30

Out: 839.754 $\pm$ 162.040 χ^2 /NDF:58.4/33

All: 539.669 $\pm$ 117.009 χ^2 /NDF: 103.2/64

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 606.806 $\pm$ 0.127 χ^2 /NDF: 1191459.9/15

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 607.366 $\pm$ 0.133 χ^2 /NDF: 965843.6/13

Left: 607.073 $\pm$ 0.092 χ^2 /NDF: 2157312.7/29

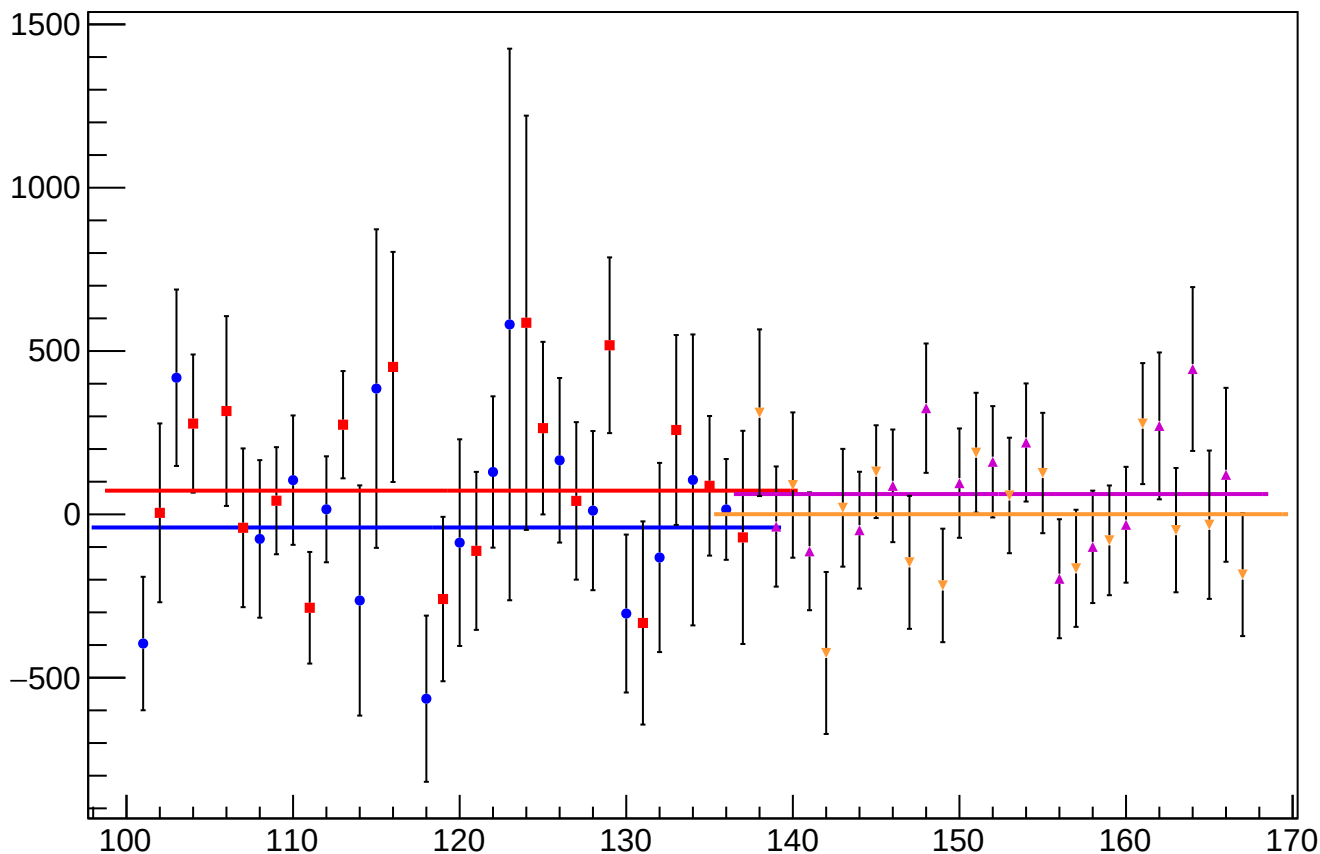
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 676.478 $\pm$ 0.120 χ^2 /NDF: 3017612.0/30

Out: 673.712 $\pm$ 0.115 χ^2 /NDF: 3322568.7/33

All: 675.036 $\pm$ 0.083 χ^2 /NDF: 6340459.7/64

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 0.533 ± 47.064 χ^2/NDF : 13.5/15

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 62.160 ± 50.191 χ^2/NDF : 11.0/13

Left: 29.367 ± 34.332 χ^2/NDF : 25.3/29

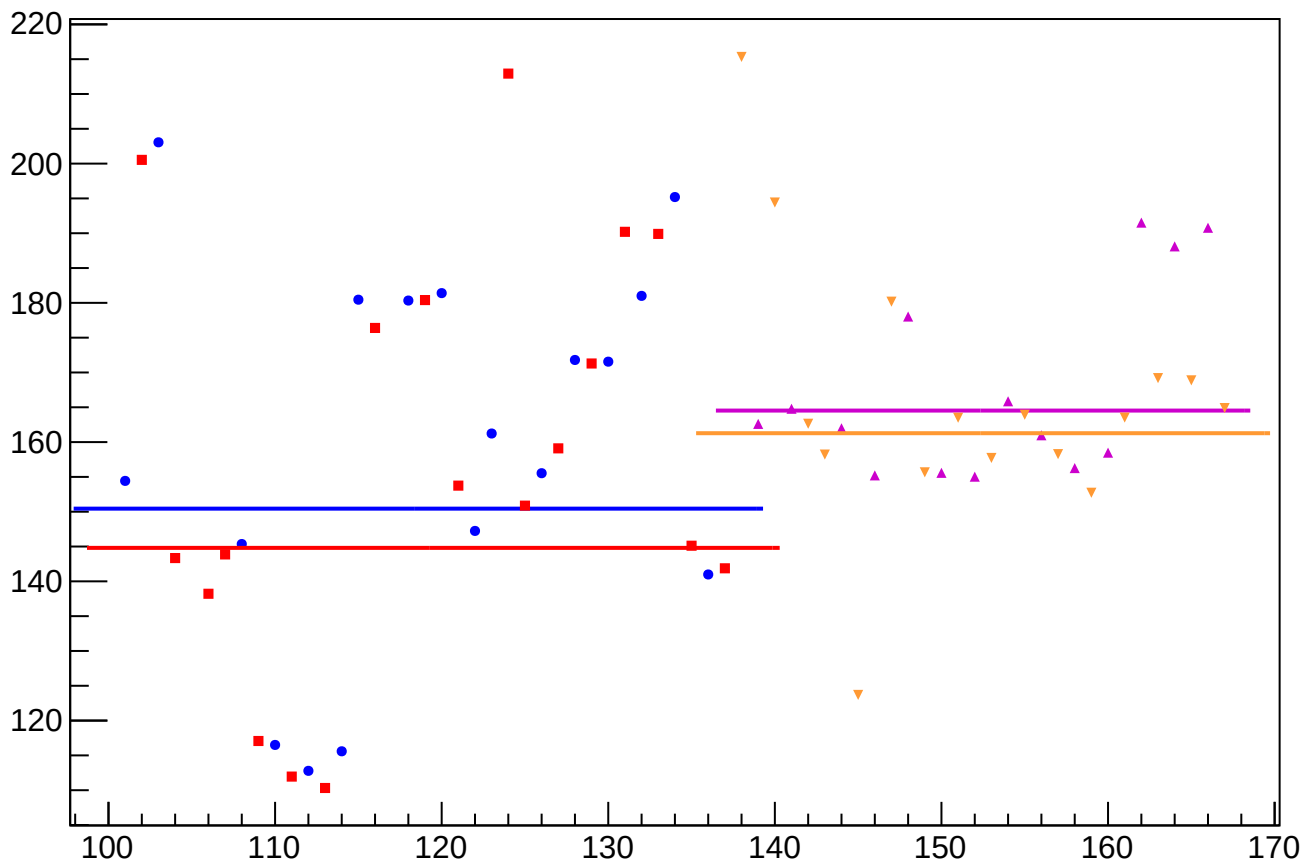
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 19.433 ± 38.299 χ^2/NDF : 28.0/30

Out: 30.173 ± 36.113 χ^2/NDF : 32.1/33

All: 25.118 ± 26.274 χ^2/NDF : 60.2/64

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2/NDF : 400121.4/16

Left Out: 161.277 $\pm$ 0.033 χ^2/NDF :308166.3/15

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

Left In: 164.528 $\pm$ 0.035 χ^2/NDF :101475.1/13

Left: 162.798 $\pm$ 0.024 χ^2/NDF : 414106.5/29

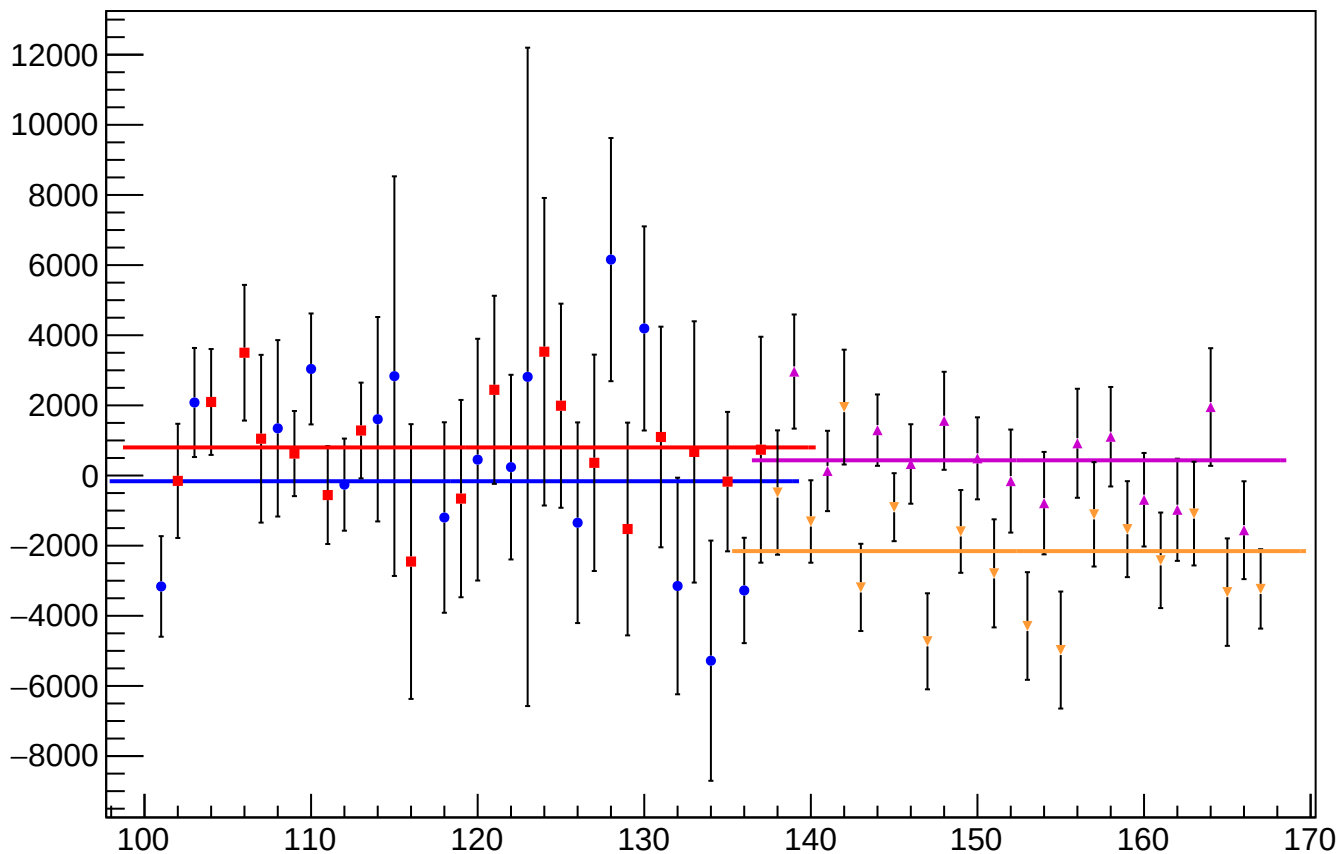
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 158.644 $\pm$ 0.027 χ^2/NDF :567405.8/30

Out: 154.504 $\pm$ 0.026 χ^2/NDF :912753.7/33

All: 156.452 $\pm$ 0.019 χ^2/NDF : 1492528.8/64

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2/NDF : 25.1/16

Left Out: -2155.545 $\pm$ 337.671 χ^2/NDF : 21.5/15

Right Out: 801.139 $\pm$ 486.610 χ^2/NDF : 6.9/17

Left In: 433.670 $\pm$ 356.388 χ^2/NDF : 9.6/13

Left: -930.712 $\pm$ 245.119 χ^2/NDF : 58.9/29

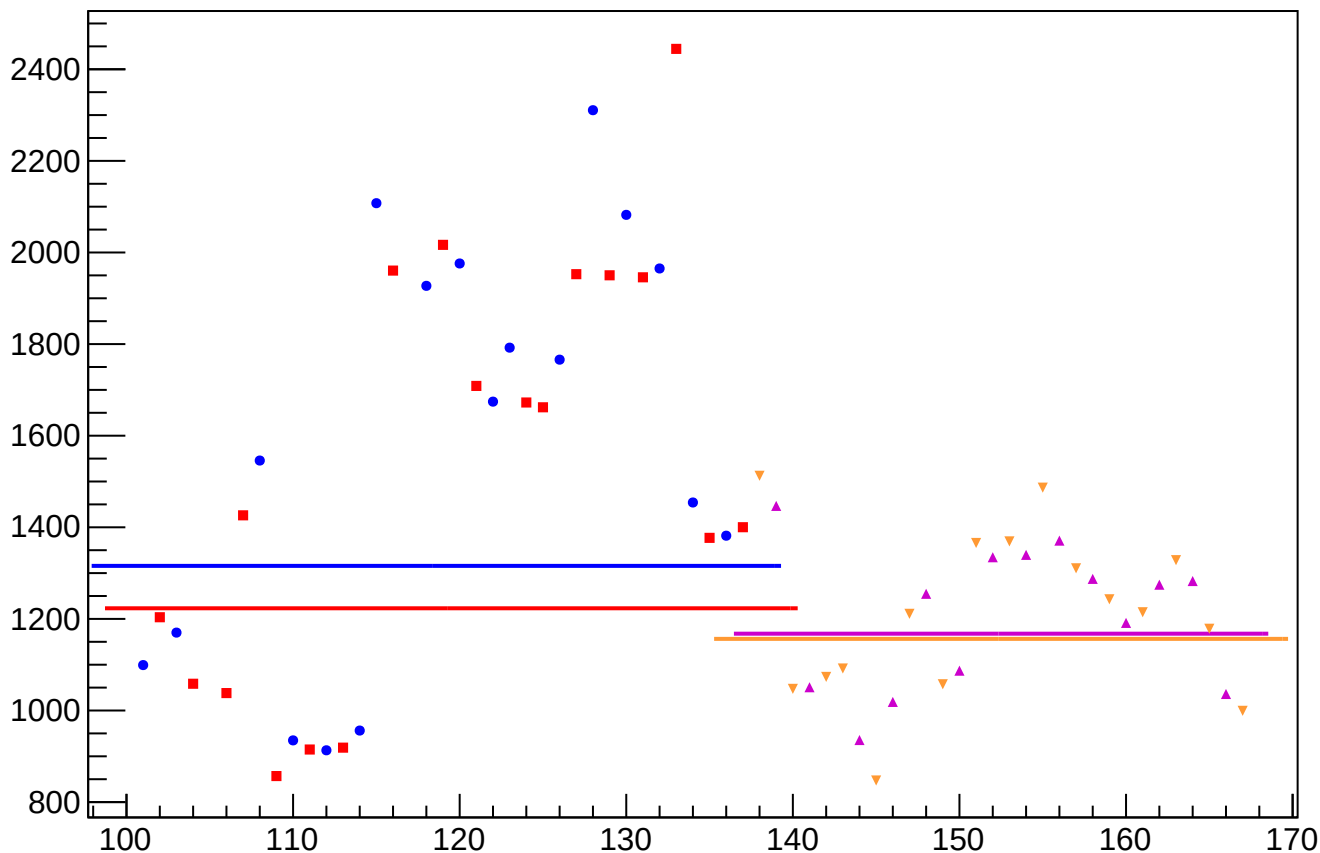
Right: 363.081 $\pm$ 359.419 χ^2/NDF : 33.7/34

In: 249.463 $\pm$ 296.290 χ^2/NDF : 35.5/30

Out: -1194.554 $\pm$ 277.420 χ^2/NDF : 53.3/33

All: -519.990 $\pm$ 202.508 χ^2/NDF : 101.5/64

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1156.410+/-0.239 χ^2/NDF : 581992.3/15

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1167.733+/-0.252 χ^2/NDF : 376222.1/13

Left: 1161.766+/-0.173 χ^2/NDF : 959278.2/29

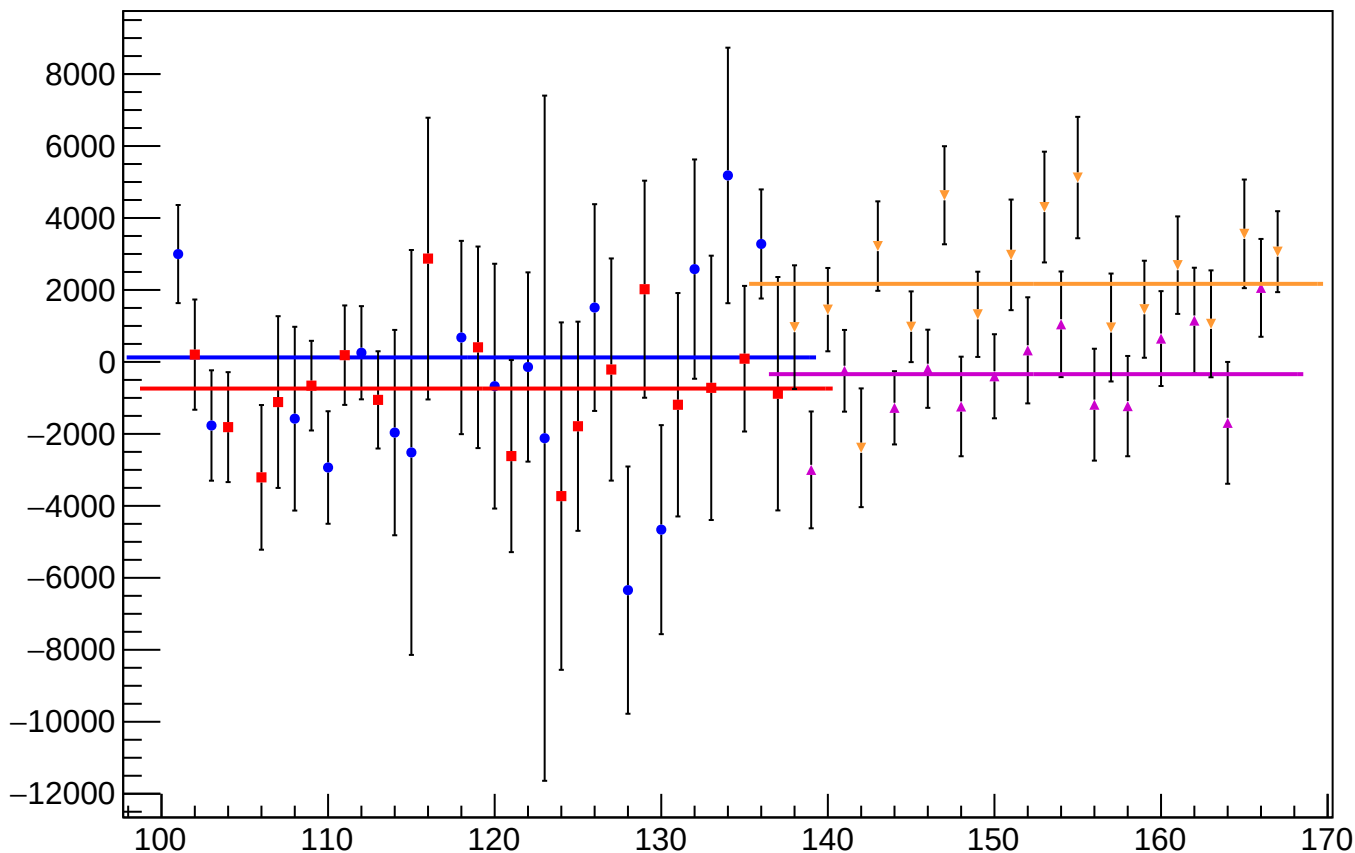
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1213.455+/-0.210 χ^2/NDF : 1601159.5/30

Out: 1178.111+/-0.196 χ^2/NDF : 1970462.9/33

All: 1194.622+/-0.143 χ^2/NDF : 3586786.9/64

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: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -339.918 $\pm$ 353.429 χ^2 /NDF:11.1/13

Left: 974.593 $\pm$ 243.900 χ^2 /NDF: 60.4/29

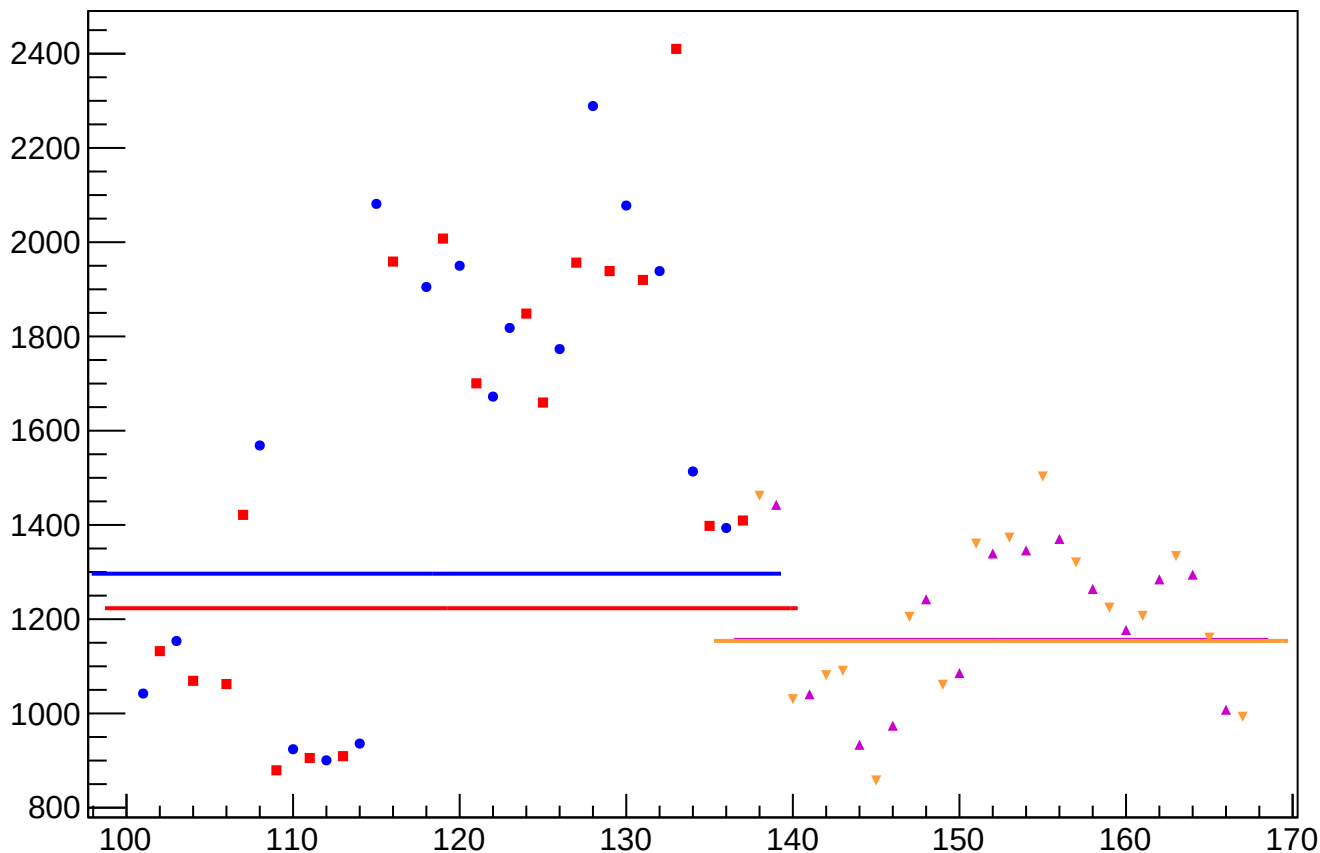
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -195.494 $\pm$ 293.496 χ^2 /NDF:36.3/30

Out: 1227.085 $\pm$ 277.090 χ^2 /NDF:53.0/33

All: 556.667 $\pm$ 201.483 χ^2 /NDF: 101.7/64

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: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1156.110+/-0.250 χ^2/NDF : 417241.8/13

Left: 1154.981+/-0.172 χ^2/NDF : 975801.4/29

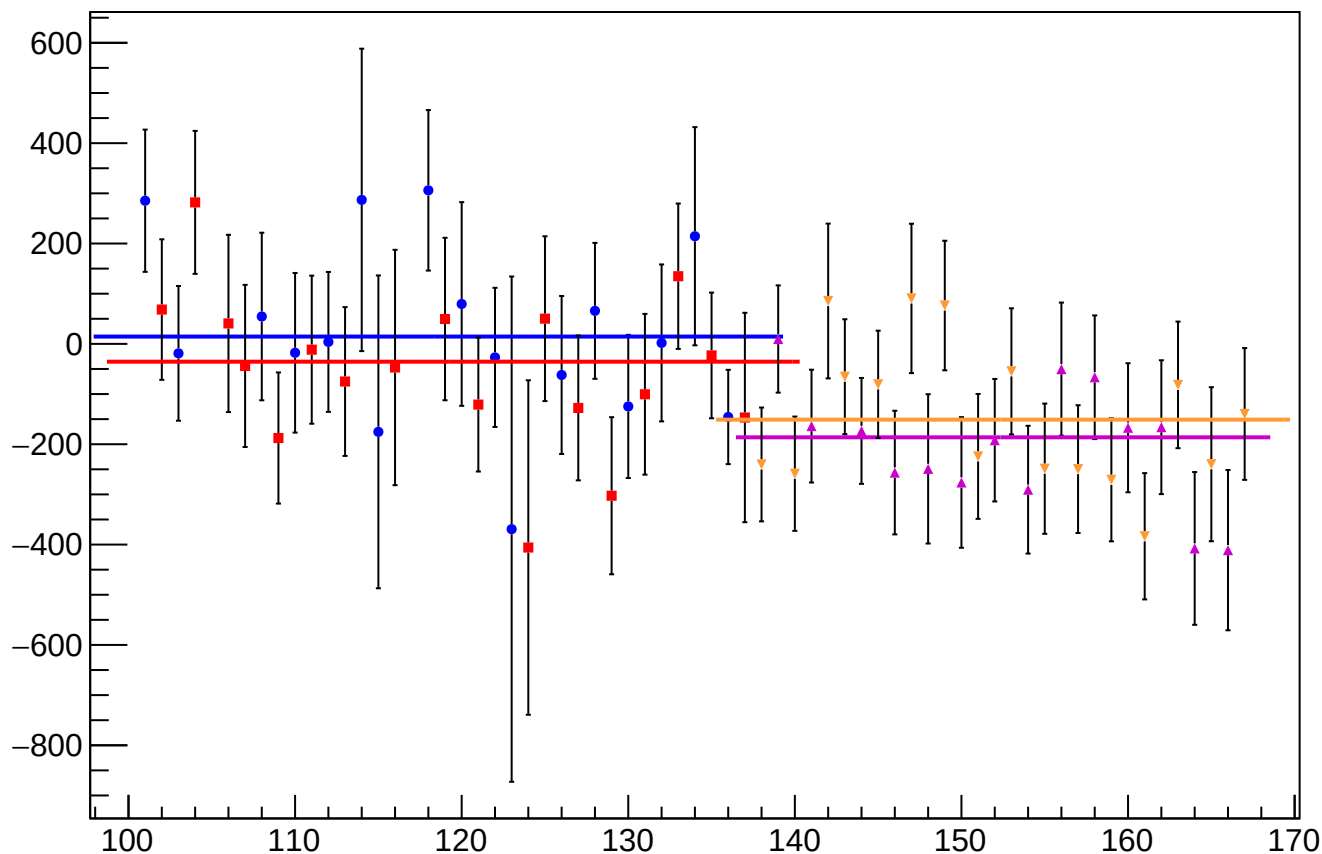
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1199.709+/-0.208 χ^2/NDF : 1690760.9/30

Out: 1176.413+/-0.196 χ^2/NDF : 1932625.4/33

All: 1187.391+/-0.142 χ^2/NDF : 3630048.6/64

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -150.993 ± 31.501 $\chi^2/\text{NDF}: 17.7/15$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -186.226 ± 33.767 $\chi^2/\text{NDF}: 11.2/13$

Left: -167.388 ± 23.034 $\chi^2/\text{NDF}: 29.5/29$

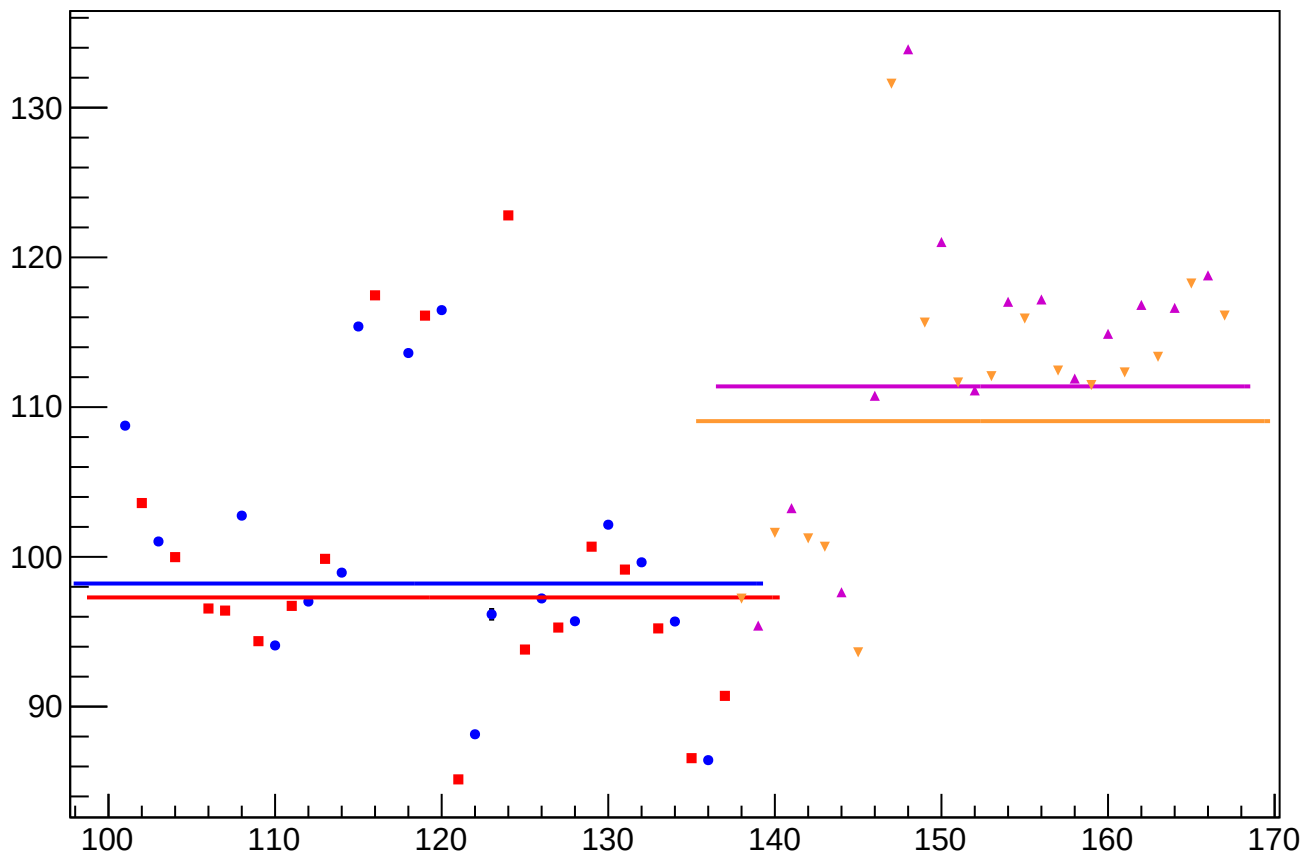
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -97.672 ± 25.246 $\chi^2/\text{NDF}: 41.0/30$

Out: -102.033 ± 23.911 $\chi^2/\text{NDF}: 37.9/33$

All: -99.971 ± 17.360 $\chi^2/\text{NDF}: 78.9/64$

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: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 111.384+/-0.024 χ^2/NDF : 165230.4/13

Left: 110.144+/-0.016 χ^2/NDF : 335758.0/29

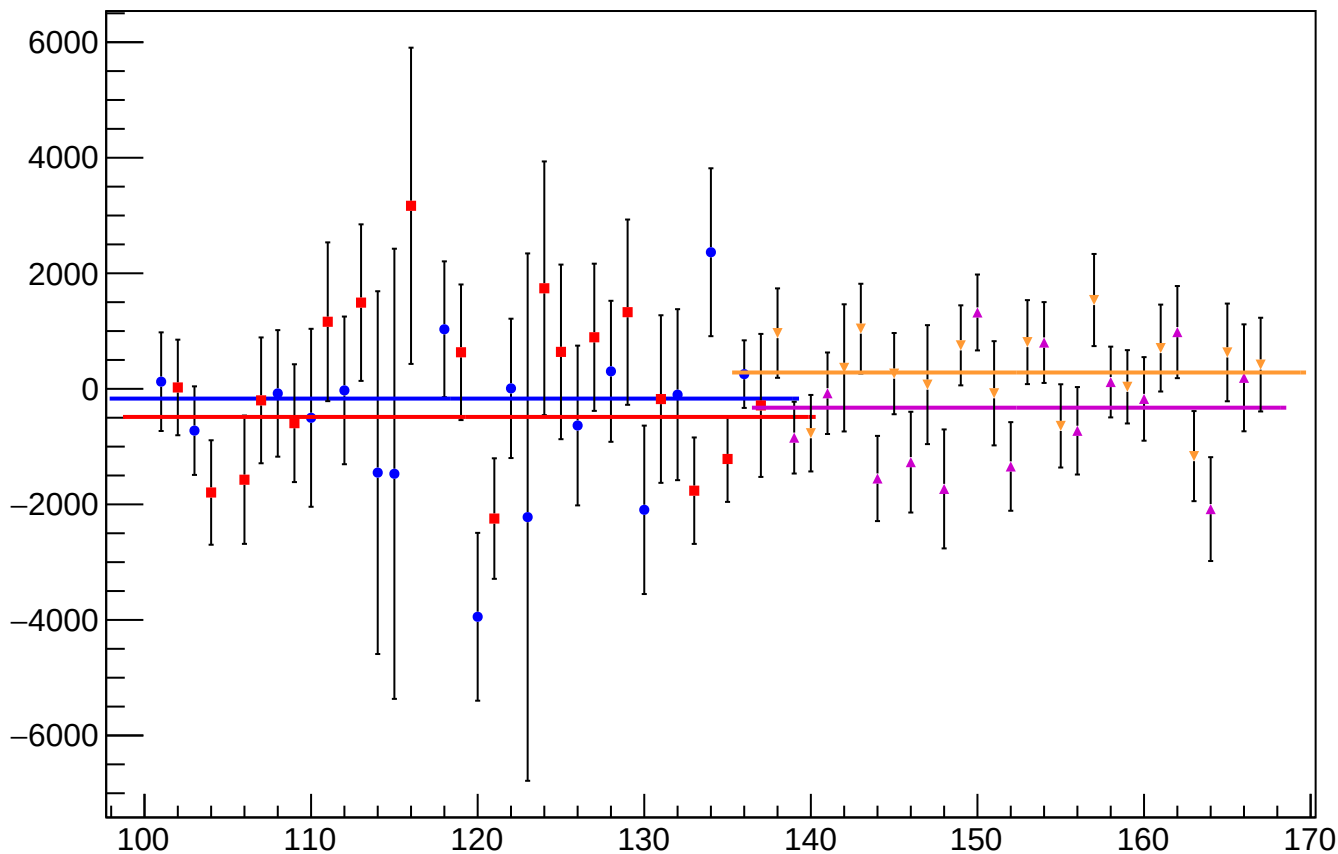
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 105.578+/-0.018 χ^2/NDF : 399820.3/30

Out: 104.074+/-0.017 χ^2/NDF : 380123.7/33

All: 104.786+/-0.012 χ^2/NDF : 783686.6/64

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 282.838 ± 192.735 $\chi^2/\text{NDF}: 13.7/15$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -326.348 ± 199.763 $\chi^2/\text{NDF}: 24.9/13$

Left: -10.850 ± 138.703 $\chi^2/\text{NDF}: 43.4/29$

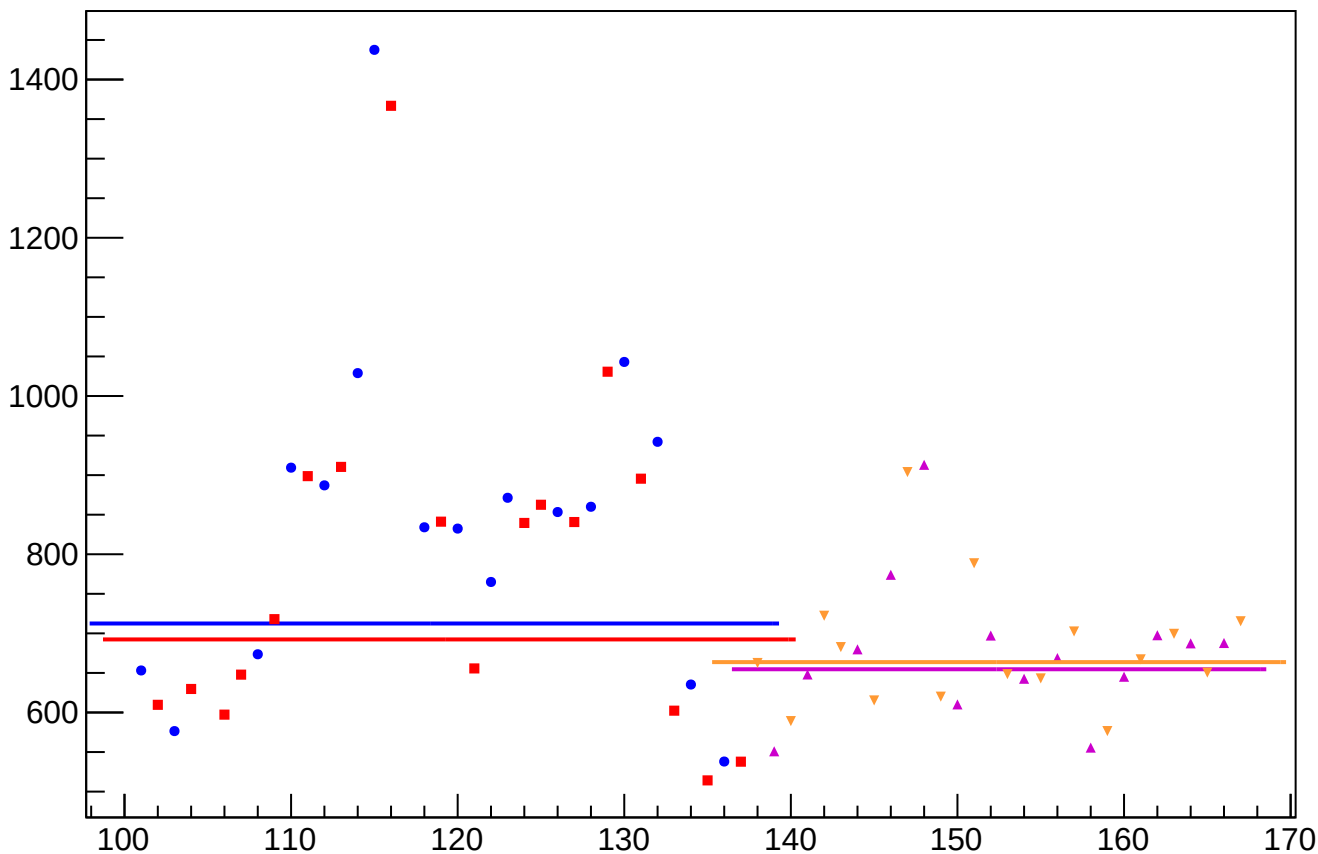
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -273.751 ± 163.043 $\chi^2/\text{NDF}: 39.7/30$

Out: 20.656 ± 156.475 $\chi^2/\text{NDF}: 38.7/33$

All: -120.499 ± 112.895 $\chi^2/\text{NDF}: 80.1/64$

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: 692.342 $\pm$ 0.190 χ^2/NDF : 656953.1/17

Left In: 654.639 $\pm$ 0.141 χ^2/NDF :301995.4/13

Left: 659.318 $\pm$ 0.098 χ^2/NDF : 558779.7/29

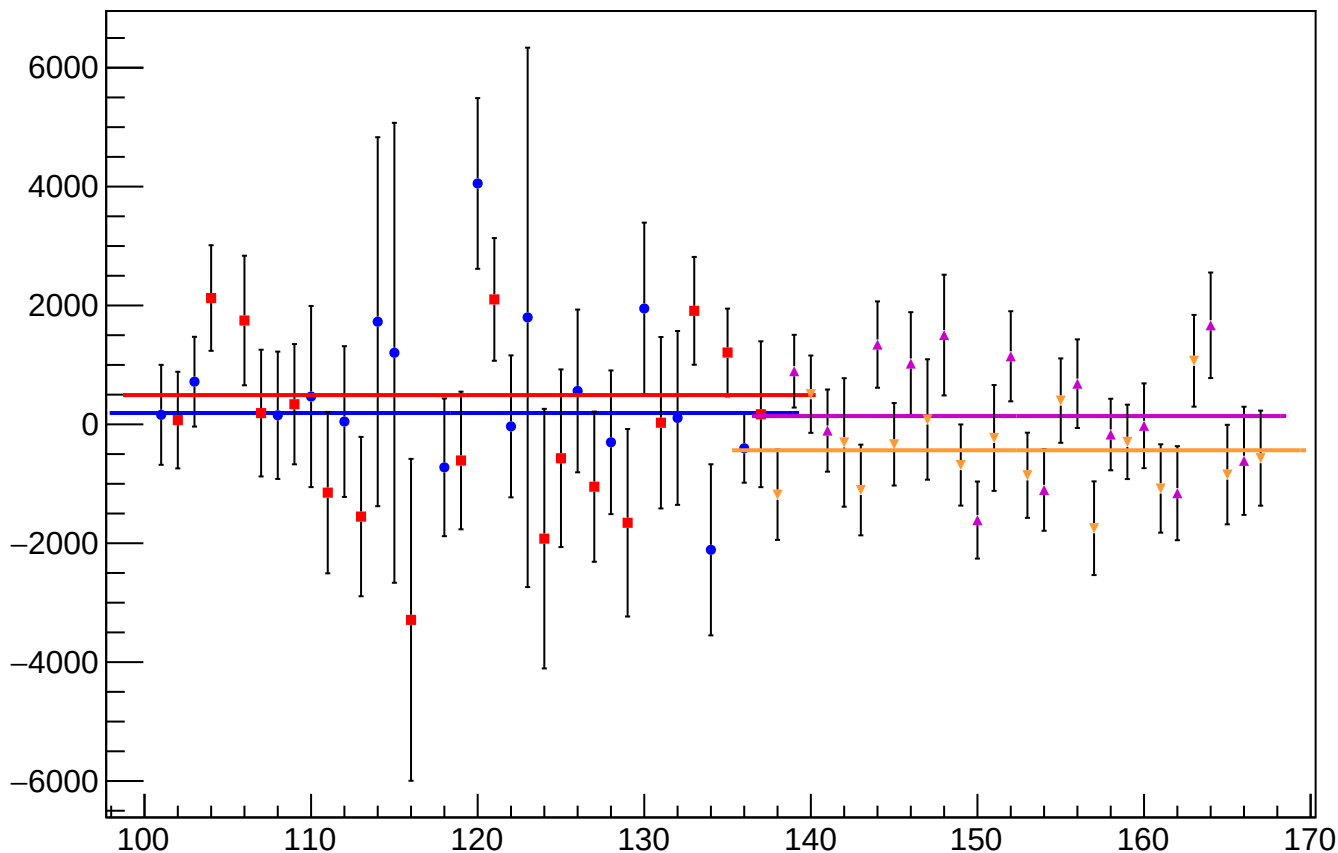
Right: 701.891 $\pm$ 0.137 χ^2/NDF : 1322826.7/34

In: 673.948 $\pm$ 0.115 χ^2/NDF :1018487.6/30

Out: 673.446 $\pm$ 0.111 χ^2/NDF :926702.4/33

All: 673.687 $\pm$ 0.080 χ^2/NDF : 1945199.8/64

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: 492.784+/-264.629 χ^2/NDF : 22.8/17

Left In: 139.834+/-196.862 χ^2/NDF :26.7/13

Left: -158.185+/-136.701 χ^2/NDF : 44.8/29

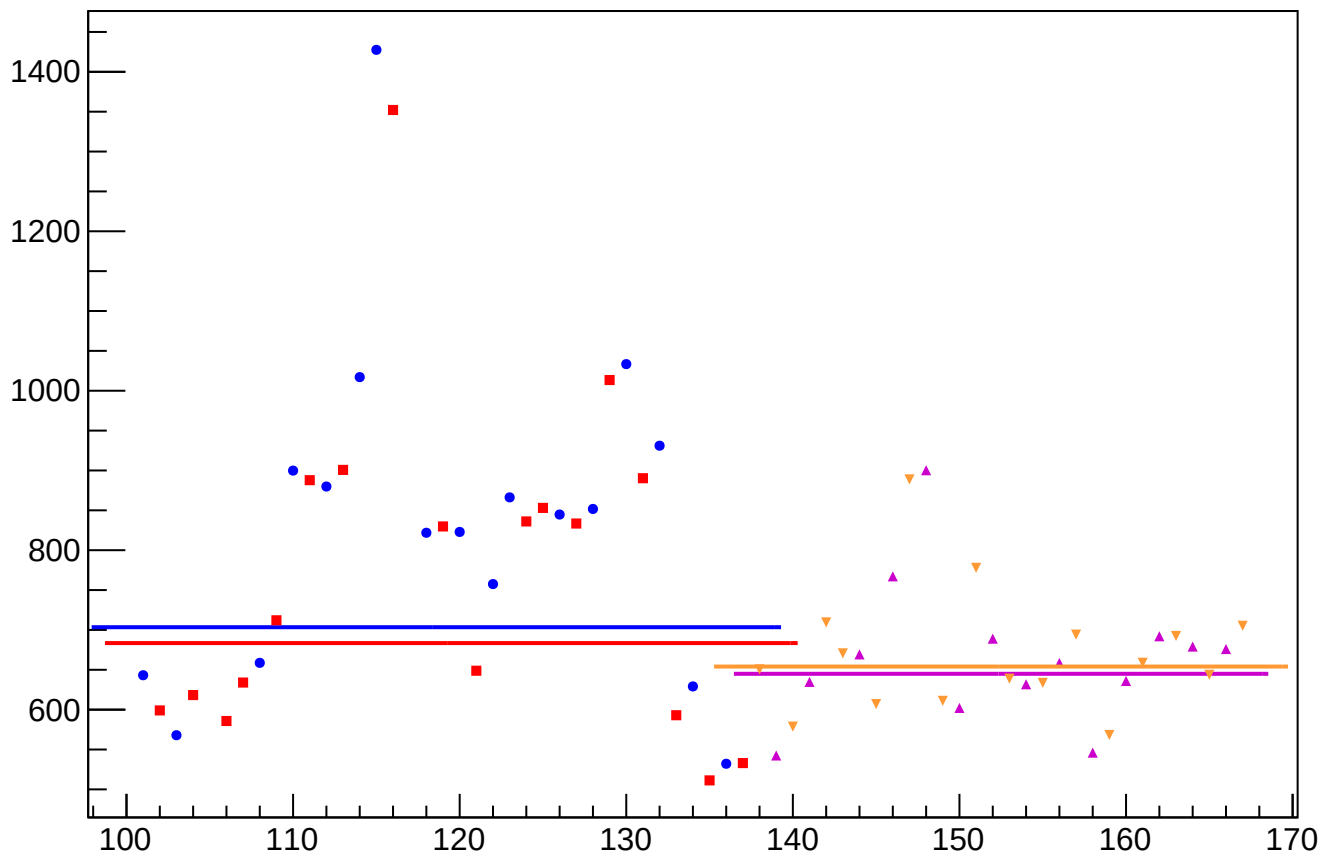
Right: 349.629+/-191.893 χ^2/NDF : 37.6/34

In: 156.827+/-160.788 χ^2/NDF :41.0/30

Out: -119.941+/-154.324 χ^2/NDF :44.6/33

All: 12.768+/-111.339 χ^2/NDF : 87.1/64

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 654.060 $\pm$ 0.134 χ^2/NDF :255146.8/15

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 644.959 $\pm$ 0.139 χ^2/NDF :308783.6/13

Left: 649.671 $\pm$ 0.097 χ^2/NDF : 566143.9/29

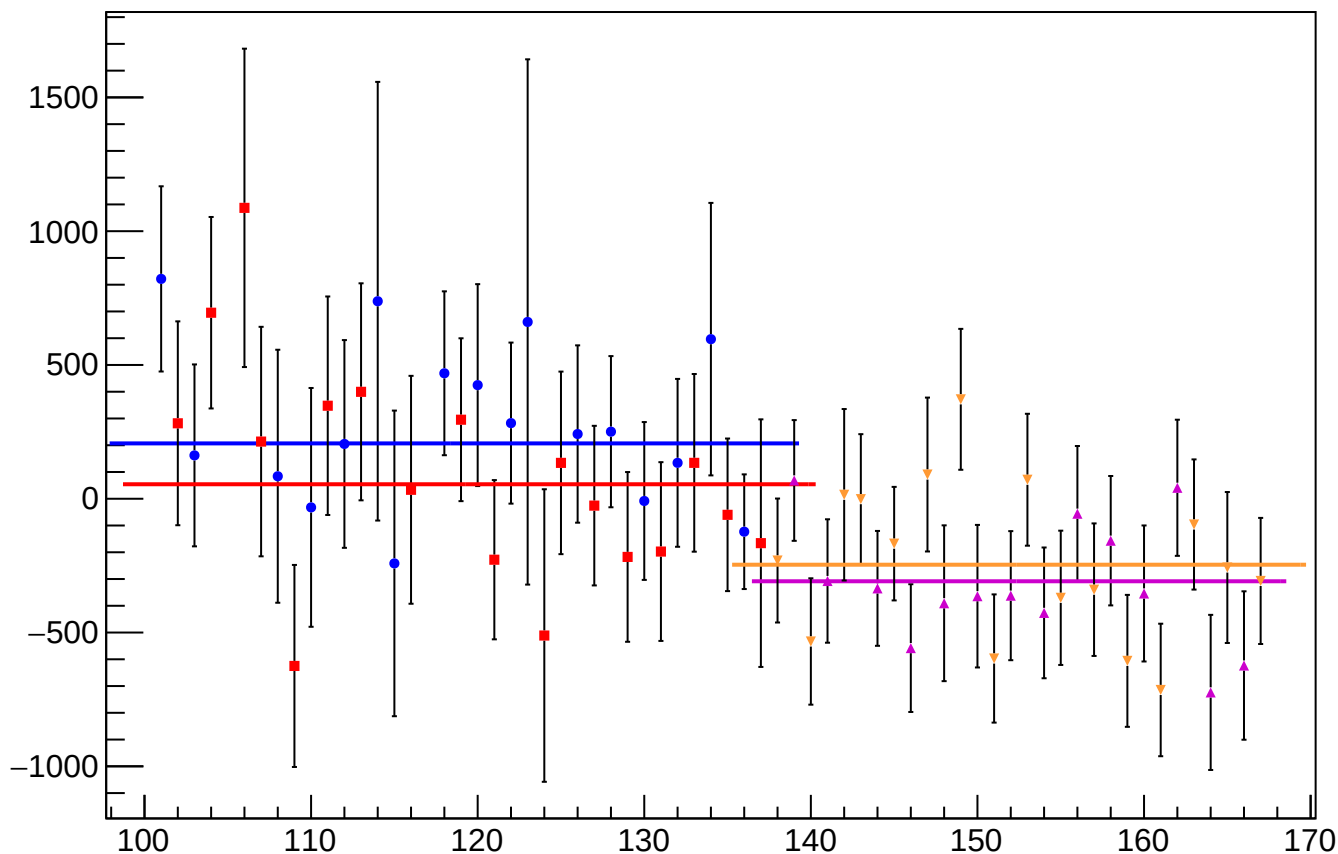
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 664.416 $\pm$ 0.114 χ^2/NDF :1034359.5/30

Out: 664.070 $\pm$ 0.109 χ^2/NDF :930829.8/33

All: 664.236 $\pm$ 0.079 χ^2/NDF : 1965194.1/64

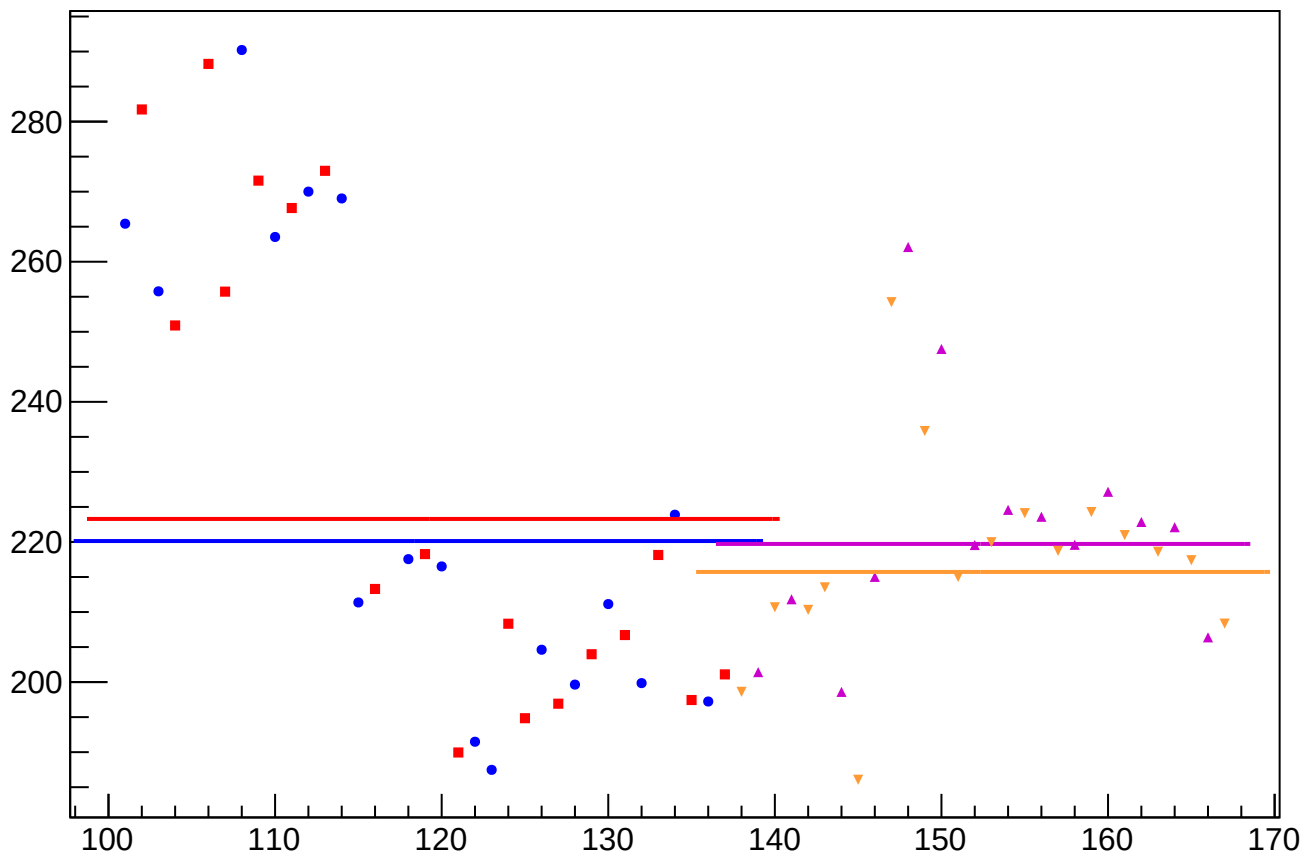
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17
 Left In: -308.409 $\pm$ 66.508 χ^2 /NDF:11.0/13

Left: -275.415 $\pm$ 45.438 χ^2 /NDF: 31.9/29
 Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34
 In: -114.530 $\pm$ 52.526 χ^2 /NDF:43.0/30
 Out: -141.921 $\pm$ 50.248 χ^2 /NDF:44.3/33
 All: -128.832 $\pm$ 36.309 χ^2 /NDF: 87.5/64

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 ± 0.061 χ^2/NDF : 228444.0/16

Left Out: 215.723 ± 0.044 χ^2/NDF : 107929.4/15

Right Out: 223.287 ± 0.060 χ^2/NDF : 272255.2/17

Left In: 219.718 ± 0.047 χ^2/NDF : 107874.0/13

Left: 217.588 ± 0.032 χ^2/NDF : 219652.3/29

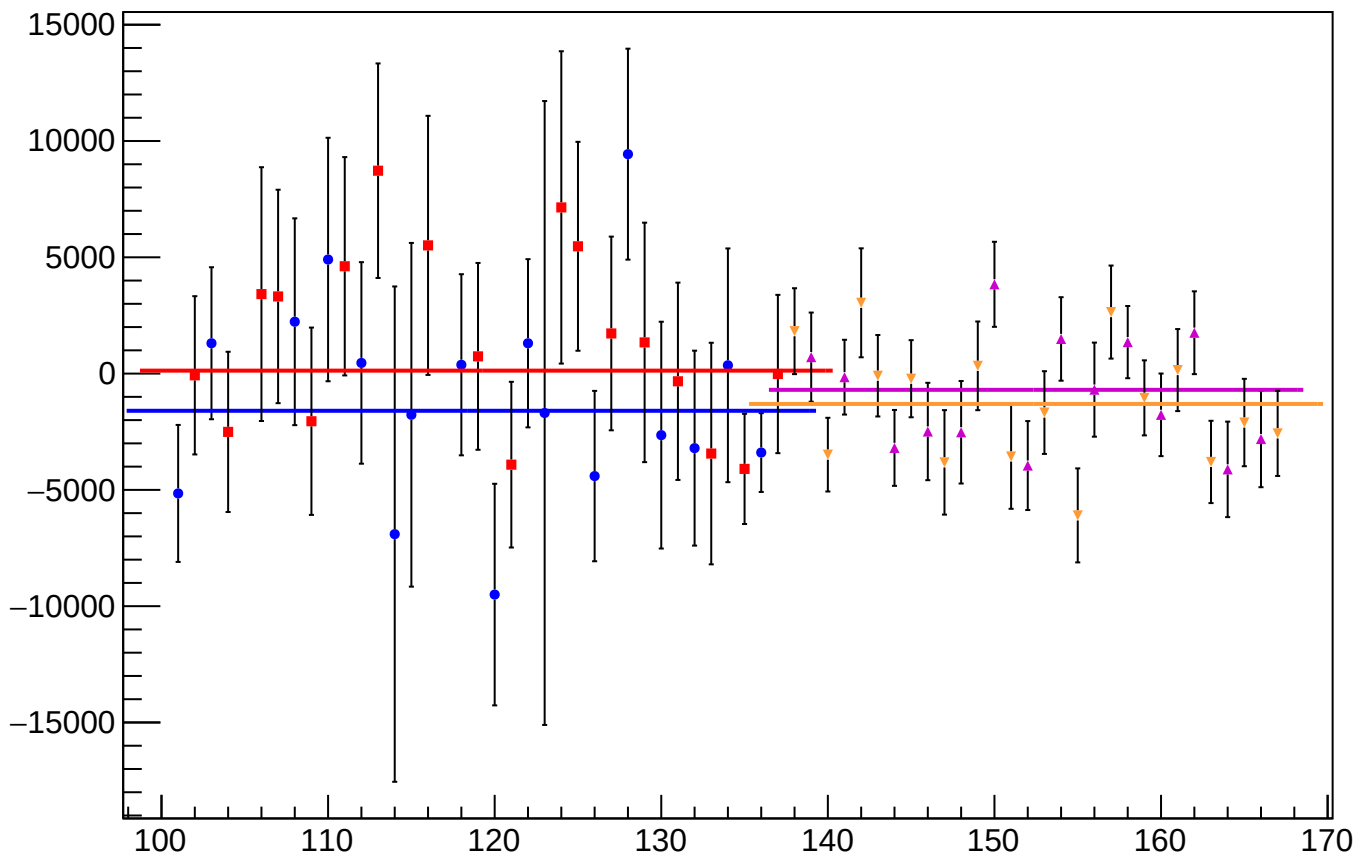
Right: 221.718 ± 0.043 χ^2/NDF : 502063.5/34

In: 219.874 ± 0.037 χ^2/NDF : 336347.2/30

Out: 218.354 ± 0.036 χ^2/NDF : 390467.7/33

All: 219.081 ± 0.026 χ^2/NDF : 727689.2/64

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1304.252 $\pm$ 463.641 χ^2 /NDF:25.0/15

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -697.903 $\pm$ 493.020 χ^2 /NDF:22.8/13

Left: -1019.681 $\pm$ 337.753 χ^2 /NDF: 48.6/29

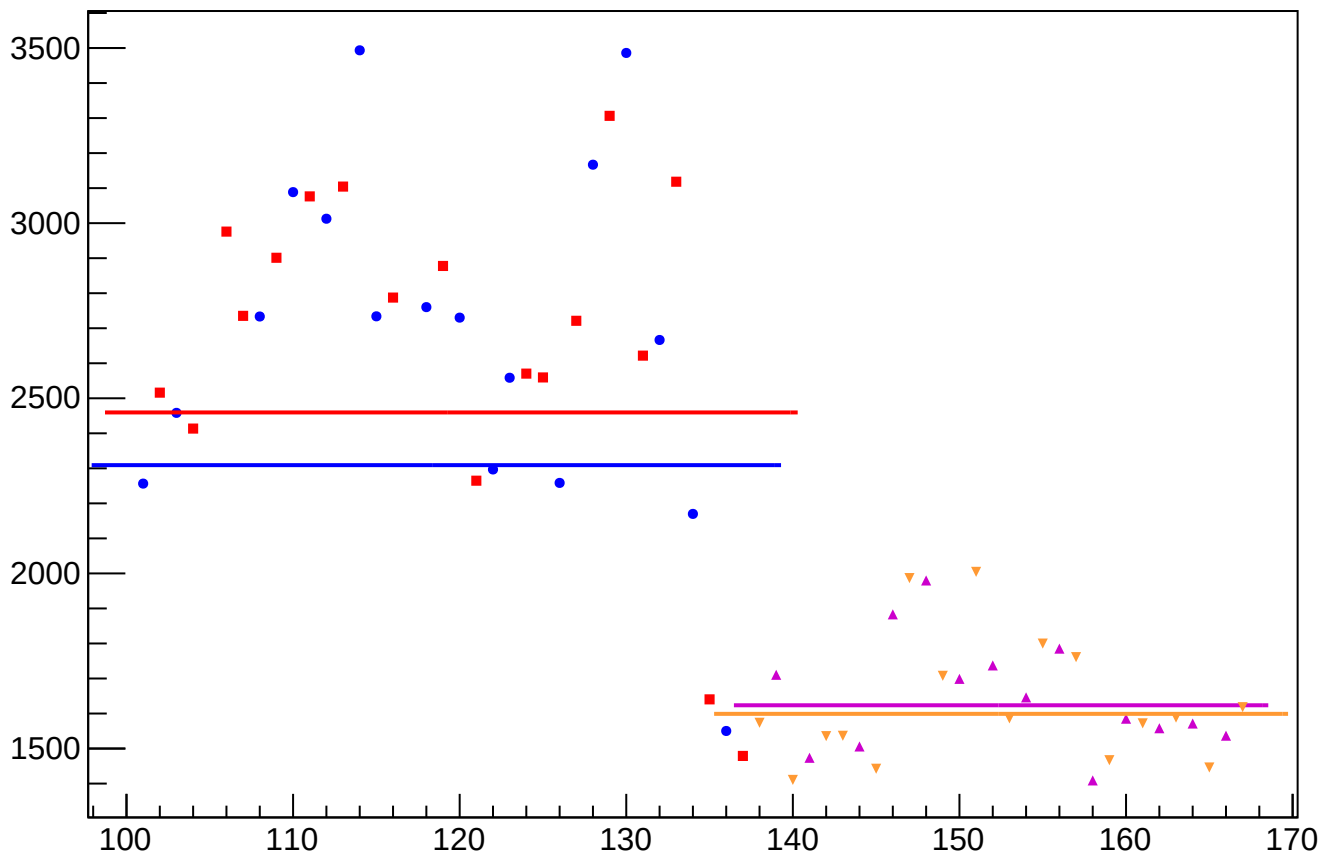
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -898.601 $\pm$ 434.665 χ^2 /NDF:40.2/30

Out: -1028.355 $\pm$ 416.591 χ^2 /NDF:41.7/33

All: -966.232 $\pm$ 300.761 χ^2 /NDF: 81.9/64

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: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1623.573 $\pm$ 0.349 χ^2 /NDF:185201.4/13

Left: 1610.571 $\pm$ 0.239 χ^2 /NDF: 429820.7/29

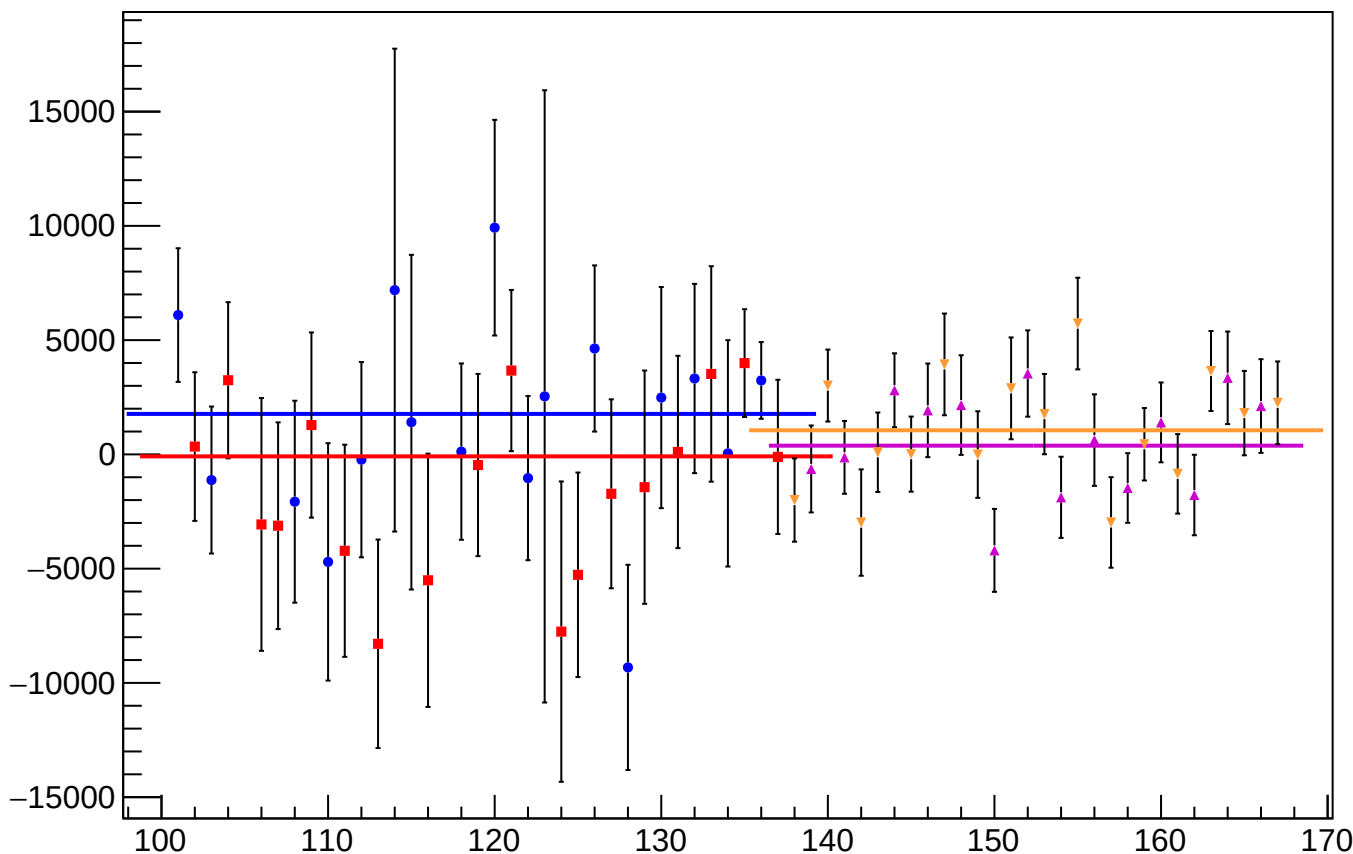
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1776.258 $\pm$ 0.307 χ^2 /NDF:1847200.7/30

Out: 1764.865 $\pm$ 0.295 χ^2 /NDF:2237569.4/33

All: 1770.320 $\pm$ 0.213 χ^2 /NDF: 4085486.2/64

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 1054.513+/-458.667 χ^2/NDF : 24.6/15

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 381.733+/-487.155 χ^2/NDF : 20.9/13

Left: 738.368+/-333.944 χ^2/NDF : 46.5/29

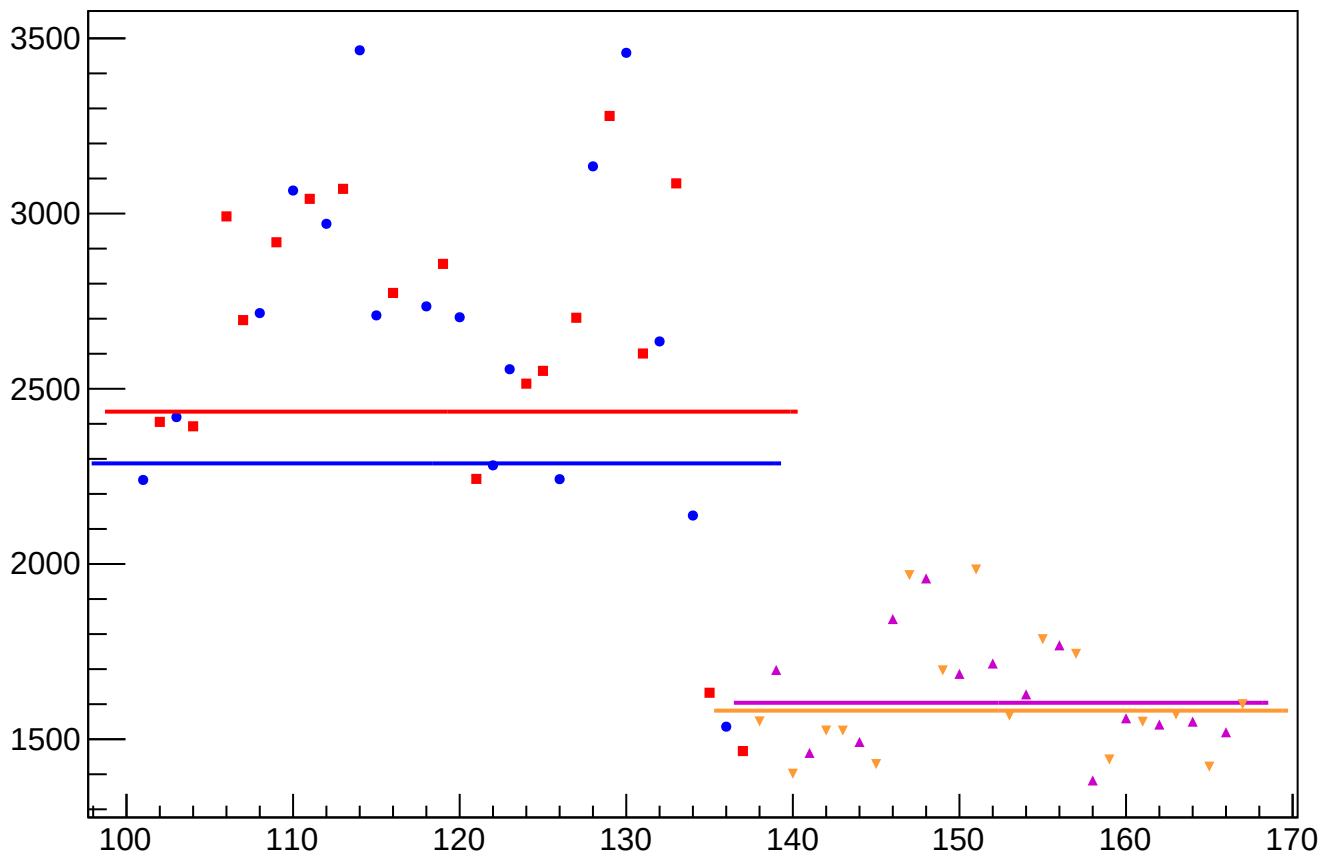
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 690.024+/-429.729 χ^2/NDF : 40.0/30

Out: 835.117+/-412.201 χ^2/NDF : 40.3/33

All: 765.590+/-297.474 χ^2/NDF : 80.4/64

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1581.565+/-0.324 χ^2/NDF : 245939.4/15

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1604.054+/-0.344 χ^2/NDF : 186524.0/13

Left: 1592.133+/-0.236 χ^2/NDF : 434722.8/29

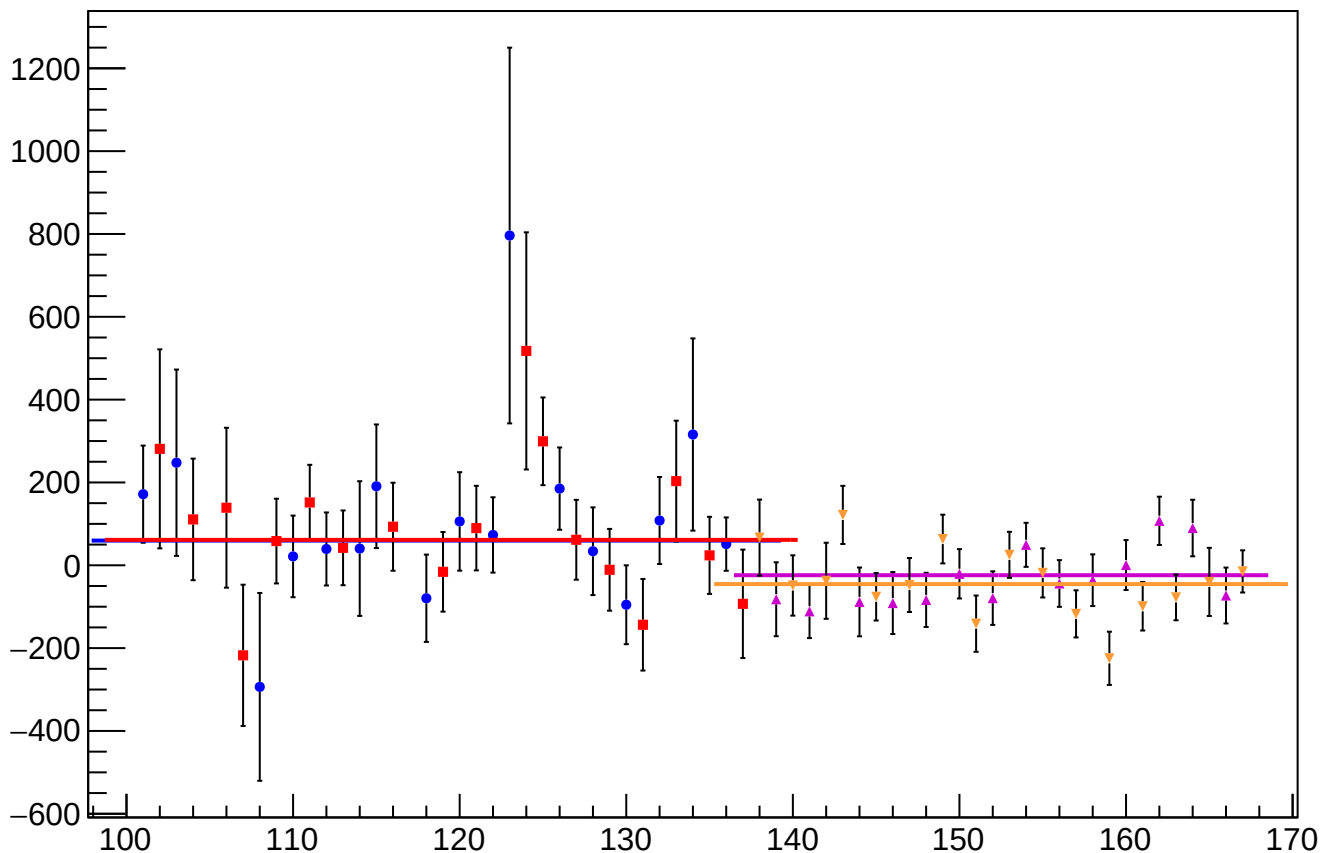
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1755.598+/-0.304 χ^2/NDF : 1858262.1/30

Out: 1745.684+/-0.291 χ^2/NDF : 2244114.7/33

All: 1750.435+/-0.210 χ^2/NDF : 4102931.2/64

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: 61.399 ± 27.011 χ^2/NDF : 19.7/17

Left In: -23.997 ± 17.223 χ^2/NDF : 15.8/13

Left: -35.615 ± 11.660 χ^2/NDF : 42.3/29

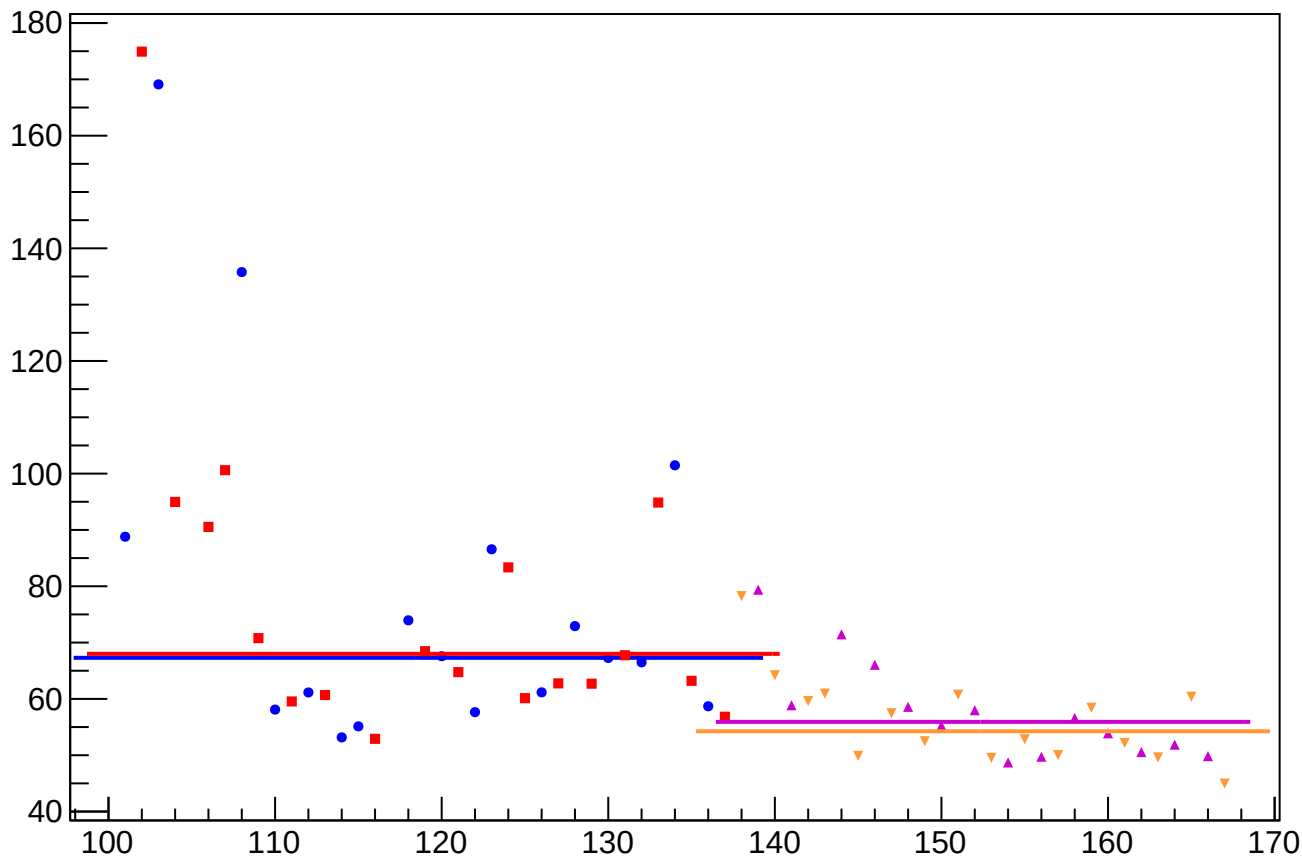
Right: 60.530 ± 19.124 χ^2/NDF : 35.0/34

In: 0.096 ± 14.533 χ^2/NDF : 38.0/30

Out: -18.098 ± 13.665 χ^2/NDF : 56.9/33

All: -9.560 ± 9.955 χ^2/NDF : 95.7/64

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 54.252 $\pm$ 0.011 χ^2 /NDF: 364698.0/15

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 55.922 $\pm$ 0.012 χ^2 /NDF: 358366.2/13

Left: 55.017 $\pm$ 0.008 χ^2 /NDF: 733247.8/29

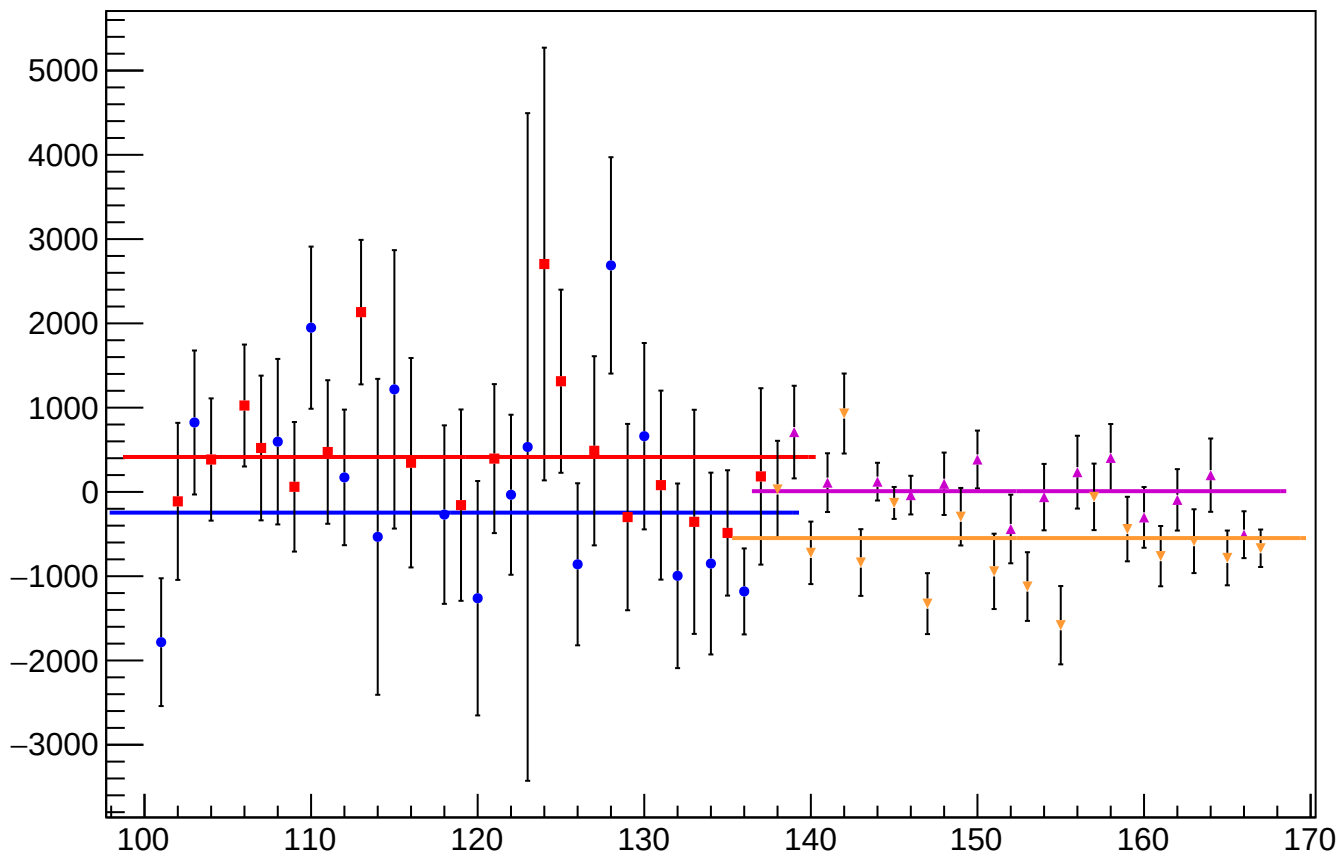
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 59.198 $\pm$ 0.010 χ^2 /NDF: 1450994.1/30

Out: 57.770 $\pm$ 0.010 χ^2 /NDF: 1504450.3/33

All: 58.440 $\pm$ 0.007 χ^2 /NDF: 2965684.9/64

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -547.574 ± 84.966 χ^2/NDF : 32.0/15

Right Out: 414.725 ± 222.788 χ^2/NDF : 9.4/17

Left In: 8.985 ± 89.878 χ^2/NDF : 10.2/13

Left: -284.918 ± 61.743 χ^2/NDF : 62.5/29

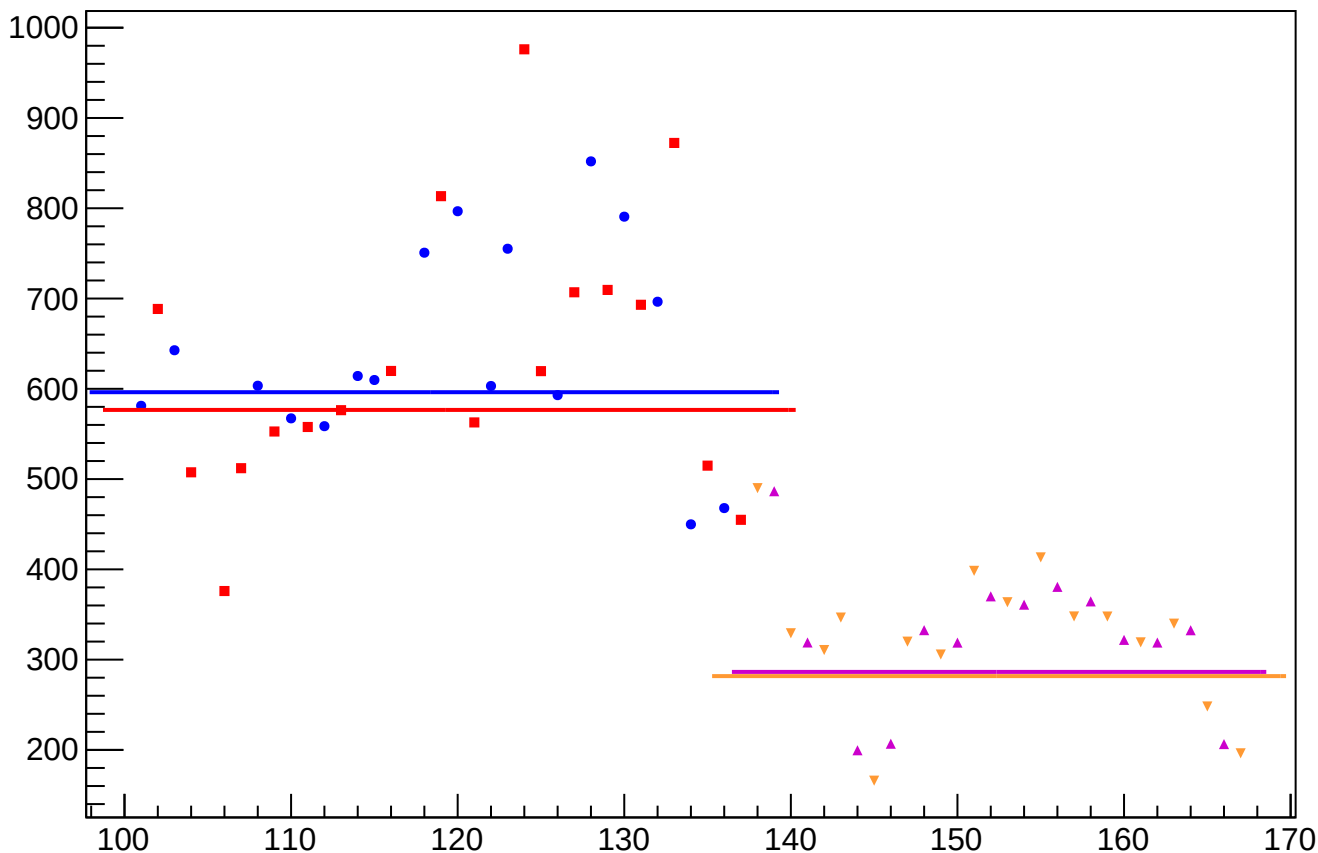
Right: 102.716 ± 161.811 χ^2/NDF : 37.3/34

In: -23.409 ± 83.966 χ^2/NDF : 35.0/30

Out: -425.383 ± 79.388 χ^2/NDF : 57.7/33

All: -235.652 ± 57.686 χ^2/NDF : 104.8/64

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 281.748+/-0.060 χ^2/NDF : 2010475.8/15

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 286.413+/-0.064 χ^2/NDF : 1423298.0/13

Left: 283.949+/-0.044 χ^2/NDF : 3436619.5/29

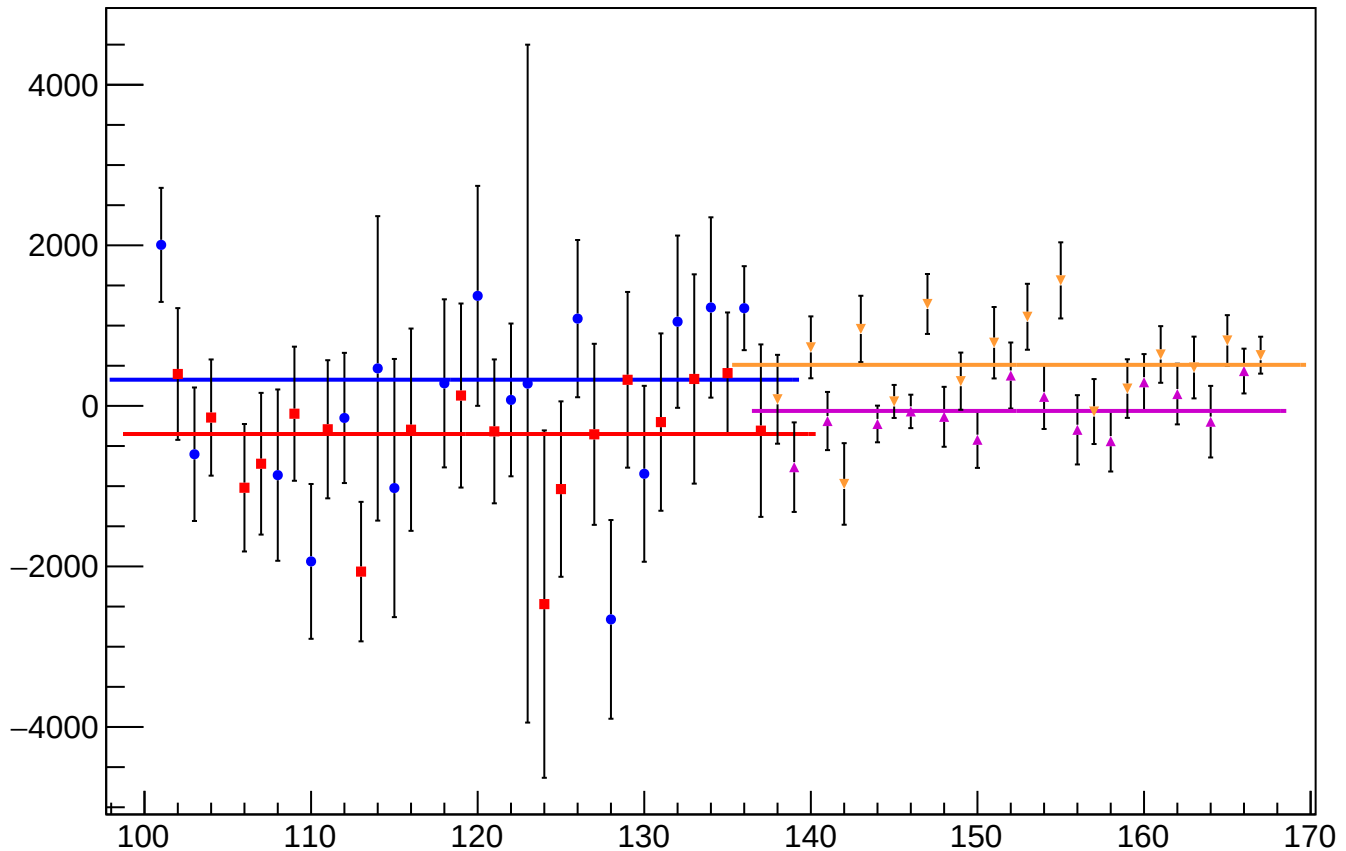
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 325.832+/-0.059 χ^2/NDF : 4869285.2/30

Out: 319.189+/-0.056 χ^2/NDF : 5642729.5/33

All: 322.325+/-0.041 χ^2/NDF : 10518623.9/64

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: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -62.948 $\pm$ 89.136 χ^2 /NDF:10.5/13

Left: 230.074 $\pm$ 62.368 χ^2 /NDF: 63.2/29

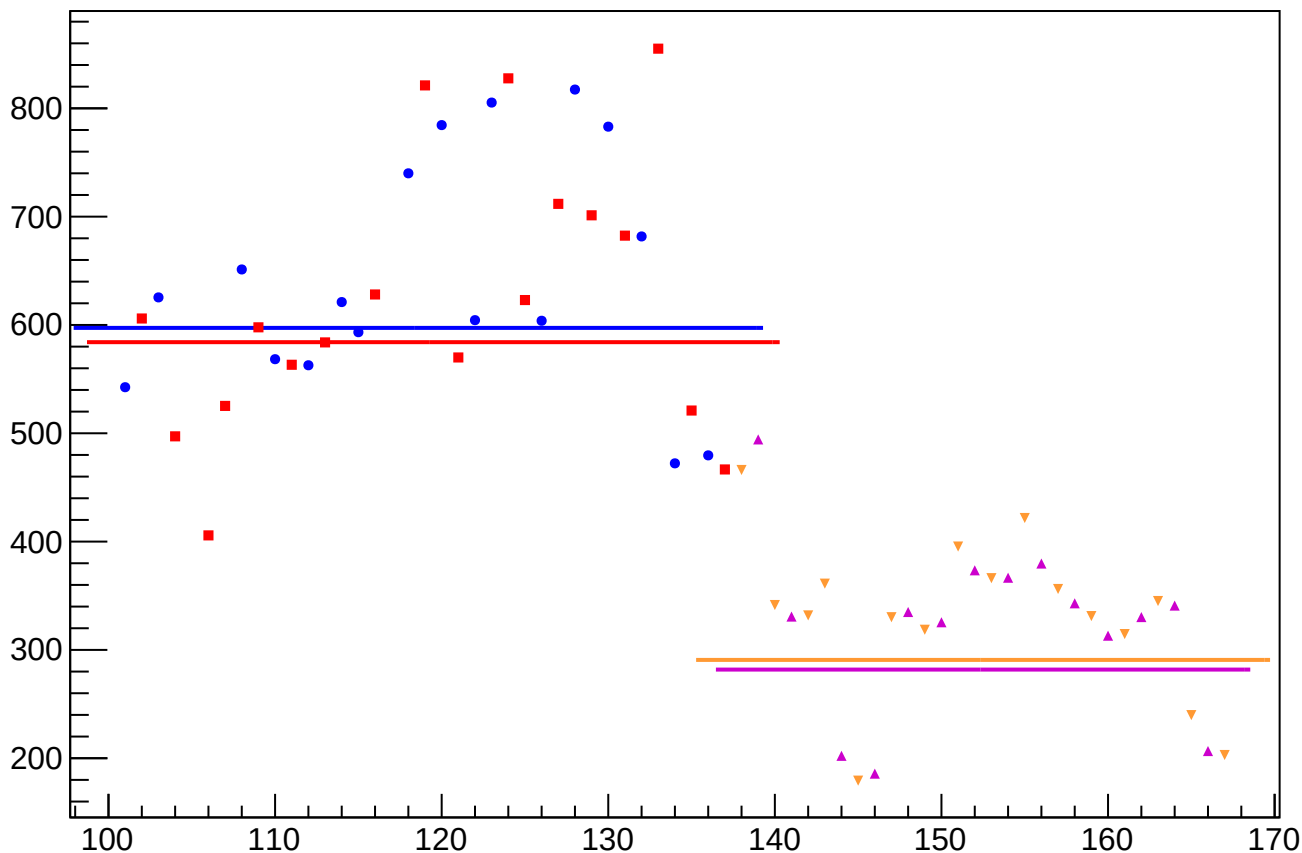
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -14.236 $\pm$ 83.369 χ^2 /NDF:39.8/30

Out: 398.632 $\pm$ 81.398 χ^2 /NDF:53.2/33

All: 197.135 $\pm$ 58.241 χ^2 /NDF: 105.5/64

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 290.768 $\pm$ 0.062 χ^2 /NDF:1729083.5/15

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 281.842 $\pm$ 0.063 χ^2 /NDF:1640336.6/13

Left: 286.398 $\pm$ 0.044 χ^2 /NDF: 3379656.2/29

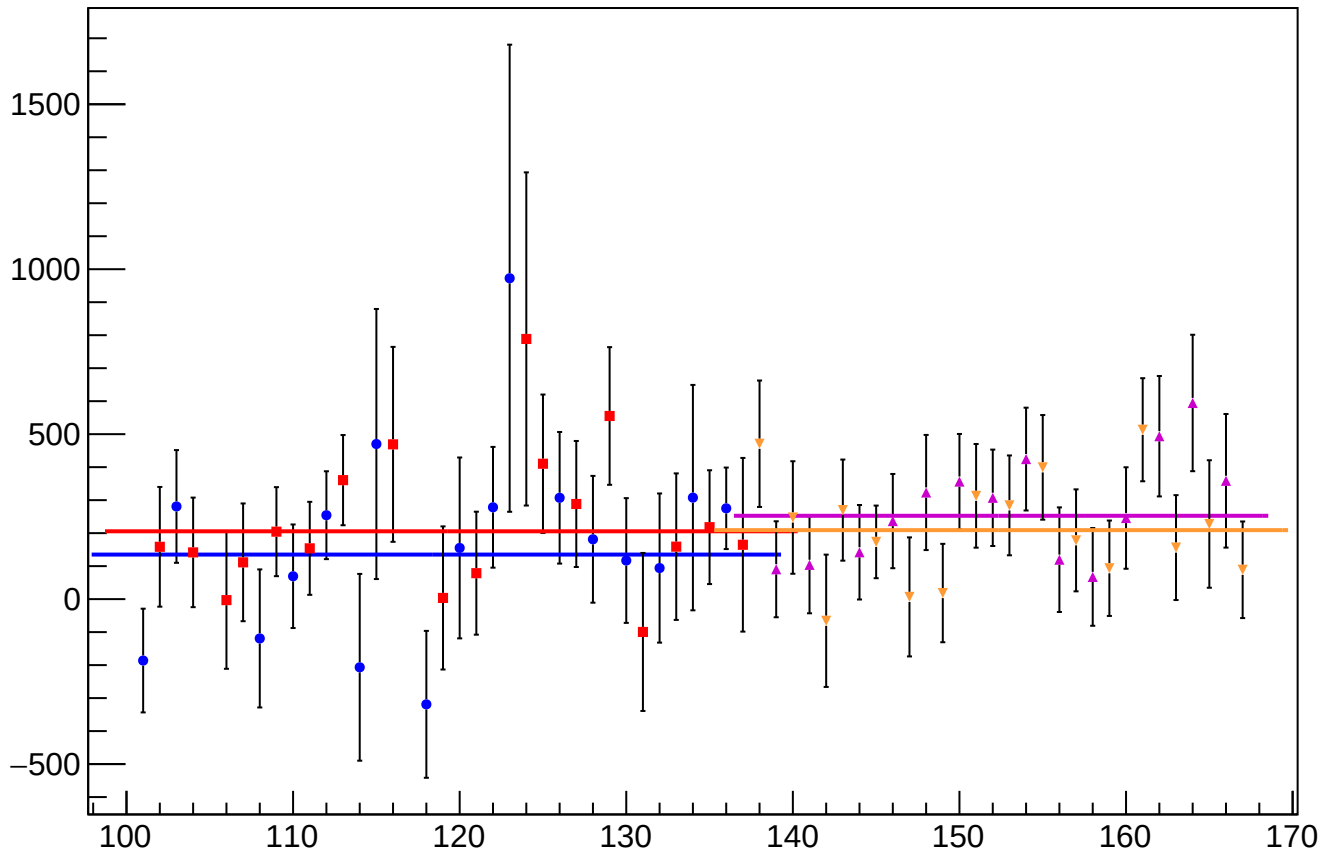
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 321.342 $\pm$ 0.059 χ^2 /NDF:5140604.9/30

Out: 329.073 $\pm$ 0.058 χ^2 /NDF:5124922.8/33

All: 325.300 $\pm$ 0.041 χ^2 /NDF: 10274332.7/64

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: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 252.601 $\pm$ 42.043 χ^2 /NDF:11.9/13

Left: 229.244 $\pm$ 28.622 χ^2 /NDF: 26.9/29

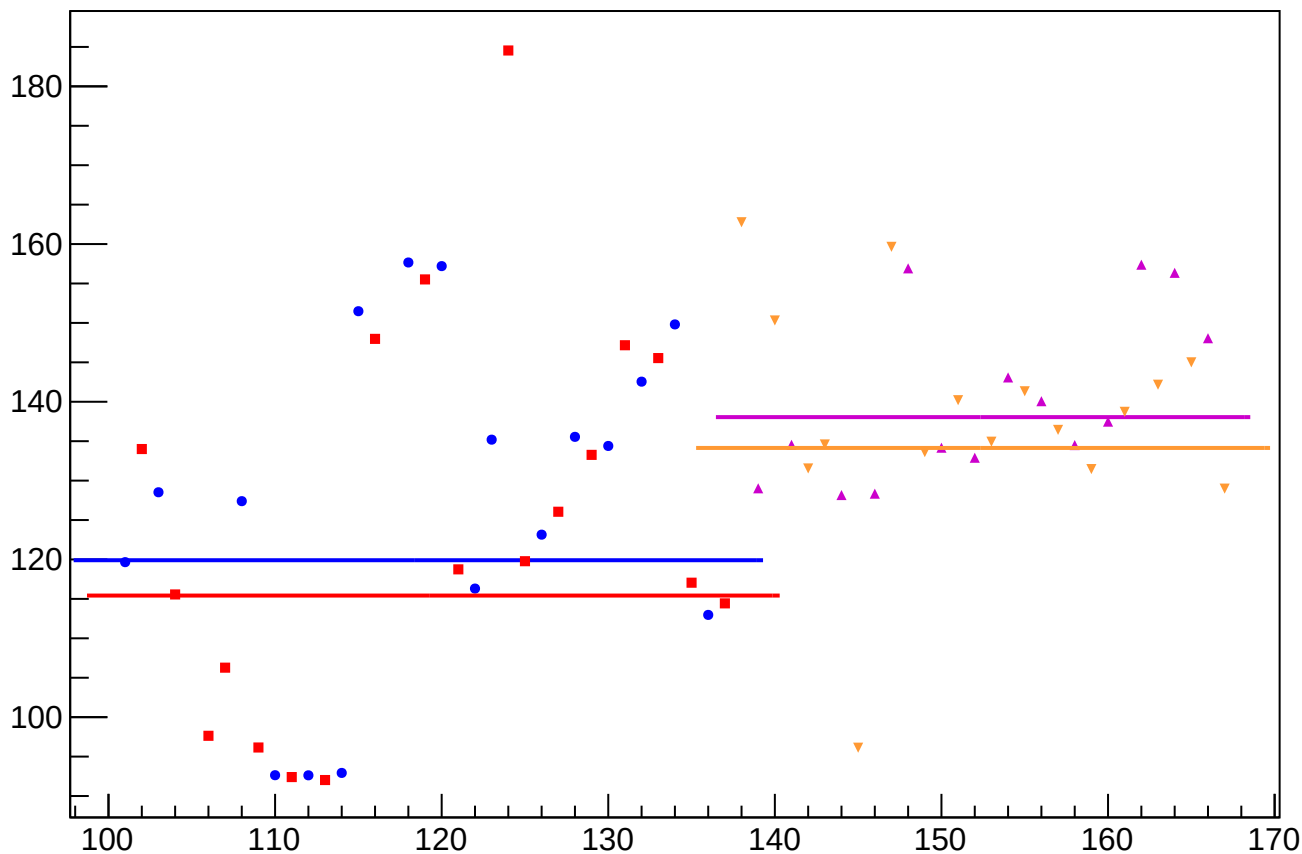
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 200.370 $\pm$ 31.343 χ^2 /NDF:33.5/30

Out: 207.556 $\pm$ 29.372 χ^2 /NDF:26.4/33

All: 204.196 $\pm$ 21.432 χ^2 /NDF: 59.9/64

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 134.144 $\pm$ 0.028 χ^2/NDF :365404.5/15

Right Out: 115.422 $\pm$ 0.031 χ^2/NDF : 418100.5/17

Left In: 138.052 $\pm$ 0.030 χ^2/NDF :101476.9/13

Left: 135.955 $\pm$ 0.020 χ^2/NDF : 476157.1/29

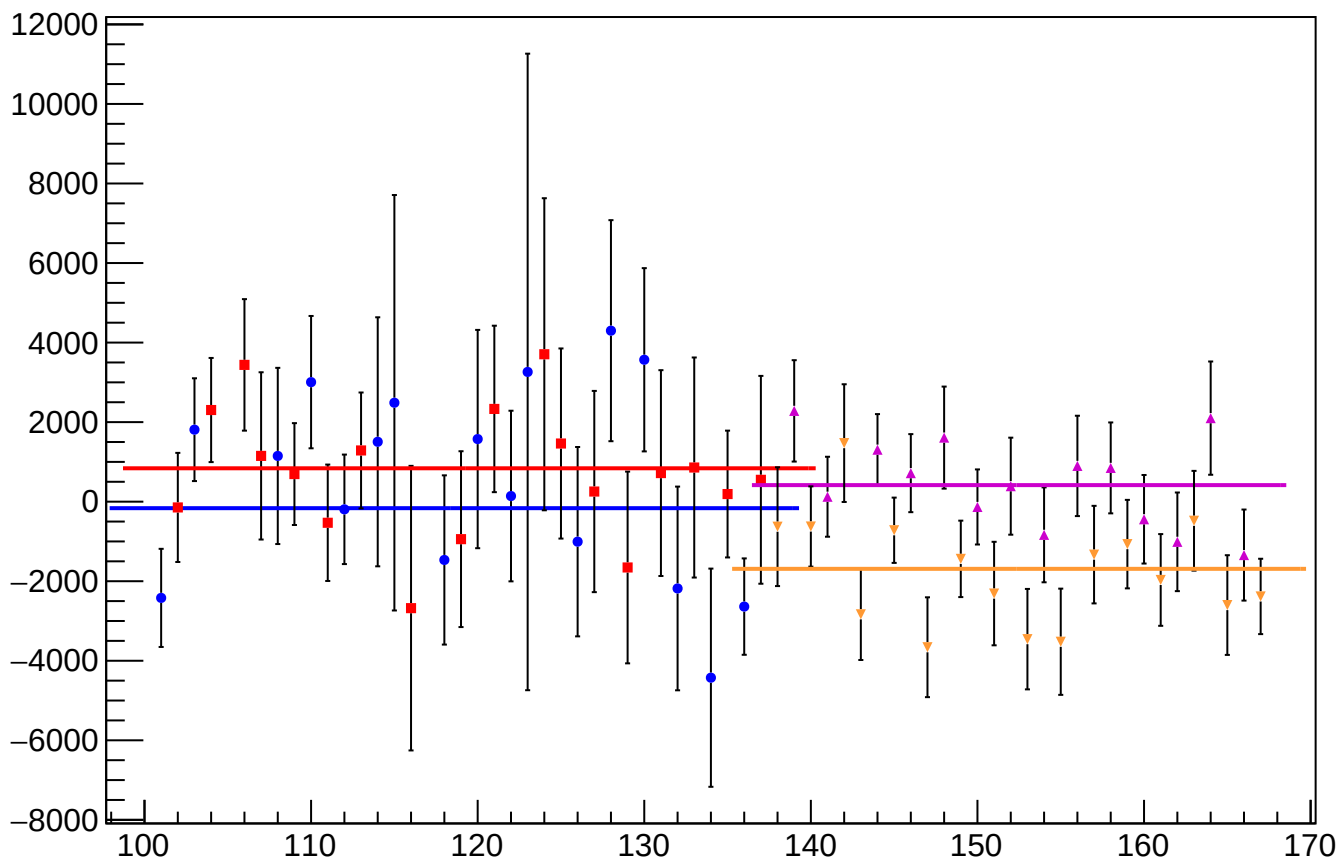
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 129.990 $\pm$ 0.022 χ^2/NDF :612552.1/30

Out: 126.000 $\pm$ 0.021 χ^2/NDF :983202.8/33

All: 127.866 $\pm$ 0.015 χ^2/NDF : 1613005.5/64

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1688.826 $\pm$ 285.850 χ^2 /NDF:17.6/15

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 416.198 $\pm$ 300.088 χ^2 /NDF:11.6/13

Left: -687.435 $\pm$ 206.977 χ^2 /NDF: 55.0/29

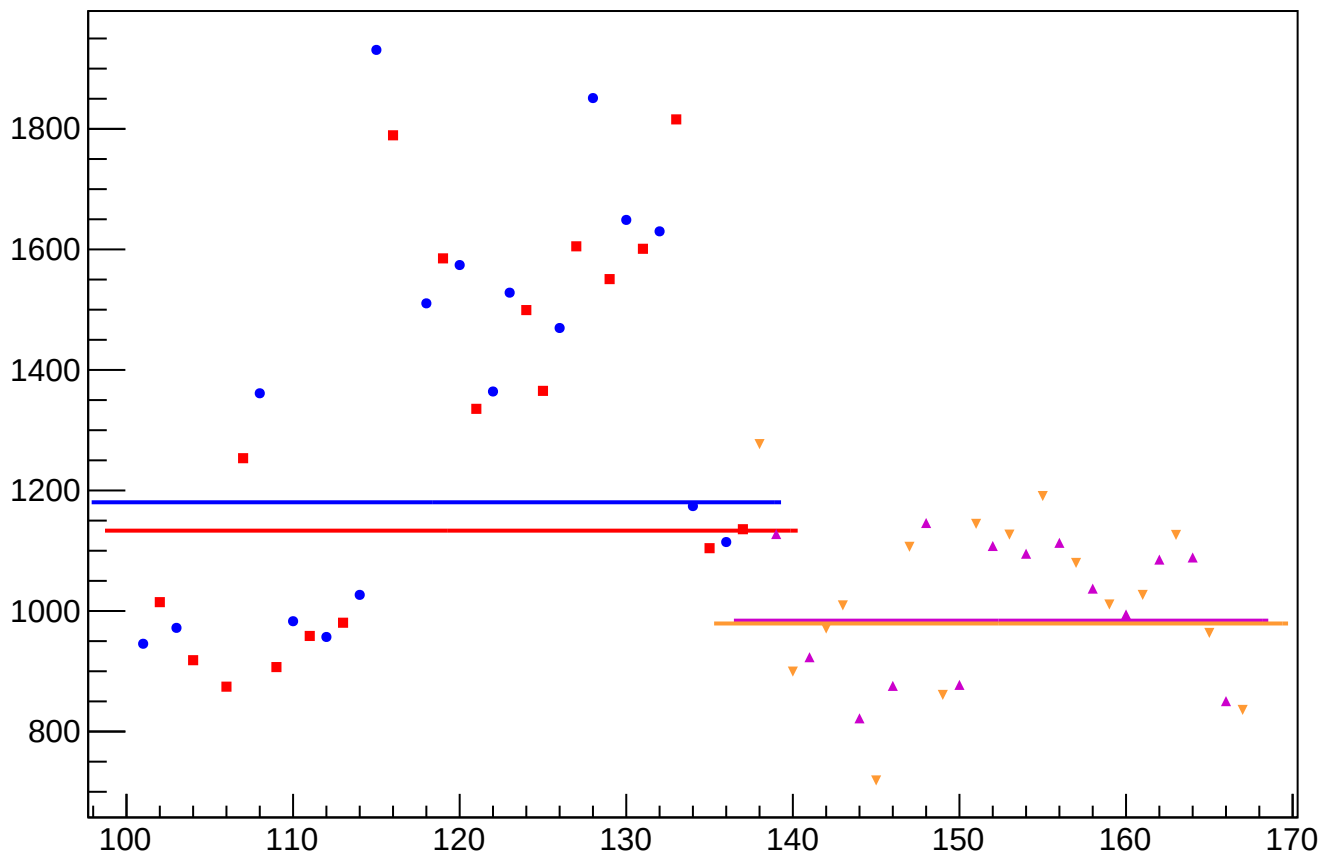
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 248.098 $\pm$ 252.866 χ^2 /NDF:36.4/30

Out: -939.669 $\pm$ 239.783 χ^2 /NDF:50.1/33

All: -377.305 $\pm$ 173.994 χ^2 /NDF: 98.1/64

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 979.271+/-0.202 χ^2/NDF : 547622.8/15

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 983.979+/-0.212 χ^2/NDF : 294915.4/13

Left: 981.511+/-0.146 χ^2/NDF : 842796.3/29

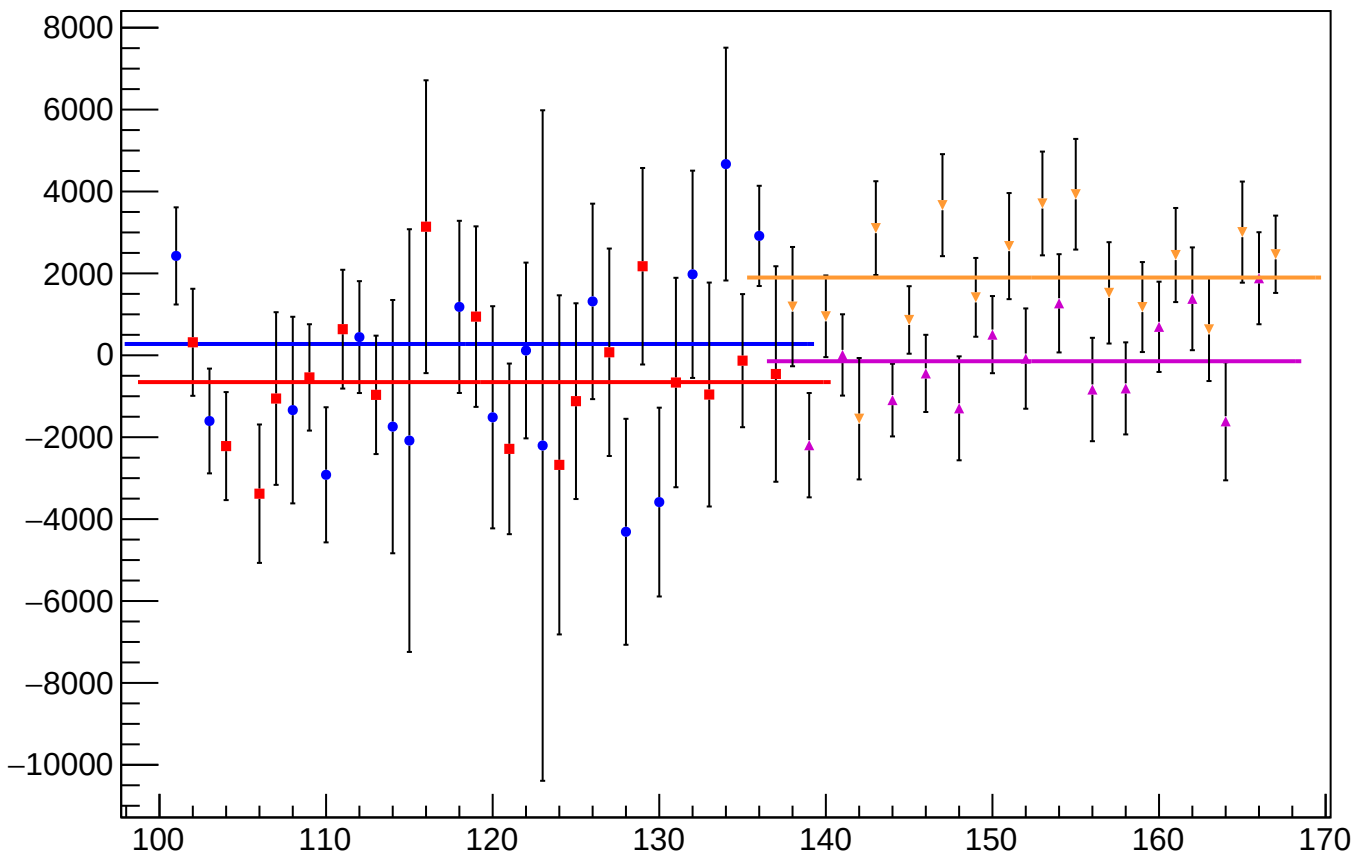
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1040.934+/-0.179 χ^2/NDF : 1212223.1/30

Out: 1024.930+/-0.170 χ^2/NDF : 1480211.4/33

All: 1032.508+/-0.123 χ^2/NDF : 2696652.7/64

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1899.009 $\pm$ 285.106 χ^2/NDF :19.1/15

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: -144.857 $\pm$ 297.688 χ^2/NDF :13.5/13

Left: 921.179 $\pm$ 205.905 χ^2/NDF : 57.2/29

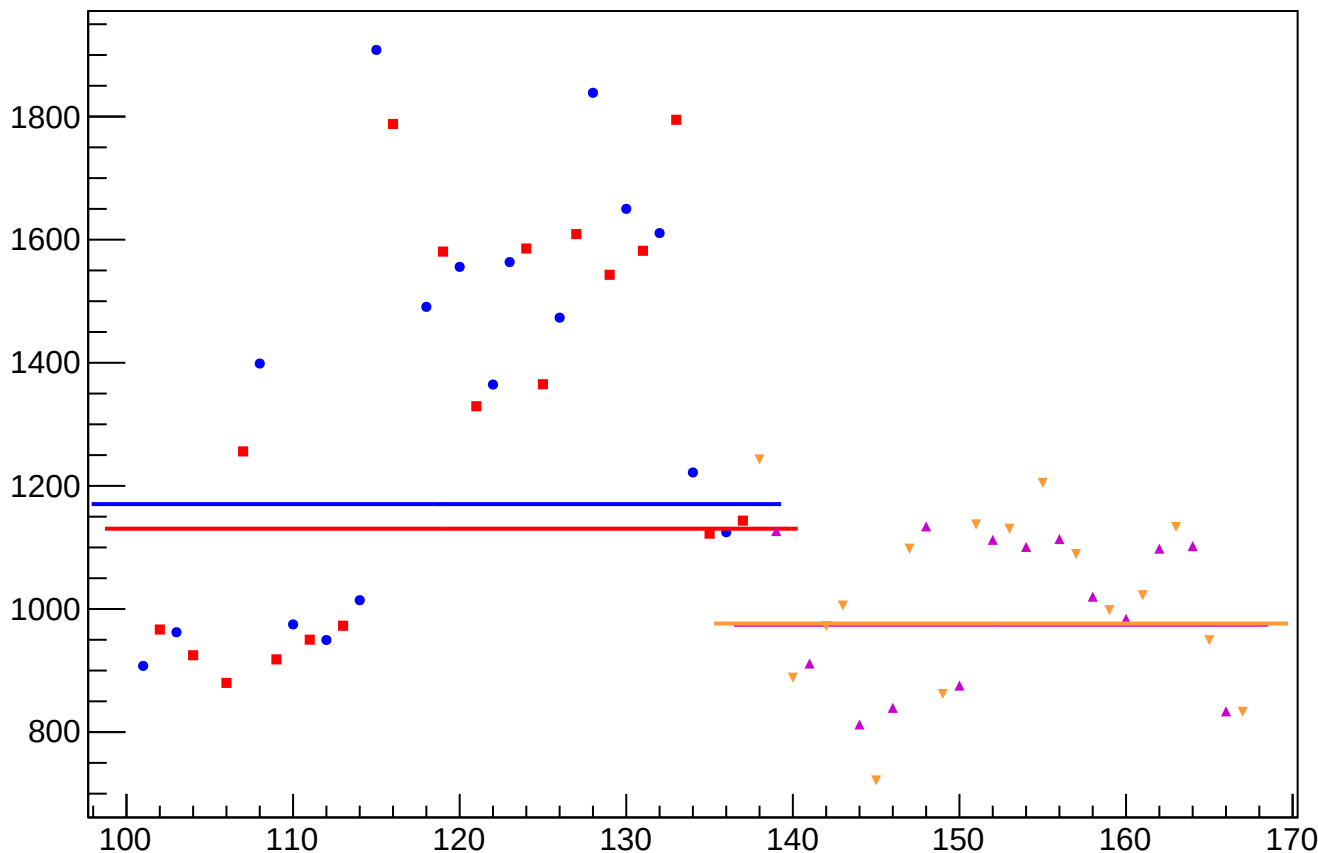
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: -22.922 $\pm$ 250.935 χ^2/NDF :38.4/30

Out: 1143.522 $\pm$ 239.239 χ^2/NDF :52.4/33

All: 588.116 $\pm$ 173.155 χ^2/NDF : 102.1/64

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: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 974.425 $\pm$ 0.210 χ^2/NDF : 339816.3/13

Left: 975.460 $\pm$ 0.146 χ^2/NDF : 878633.7/29

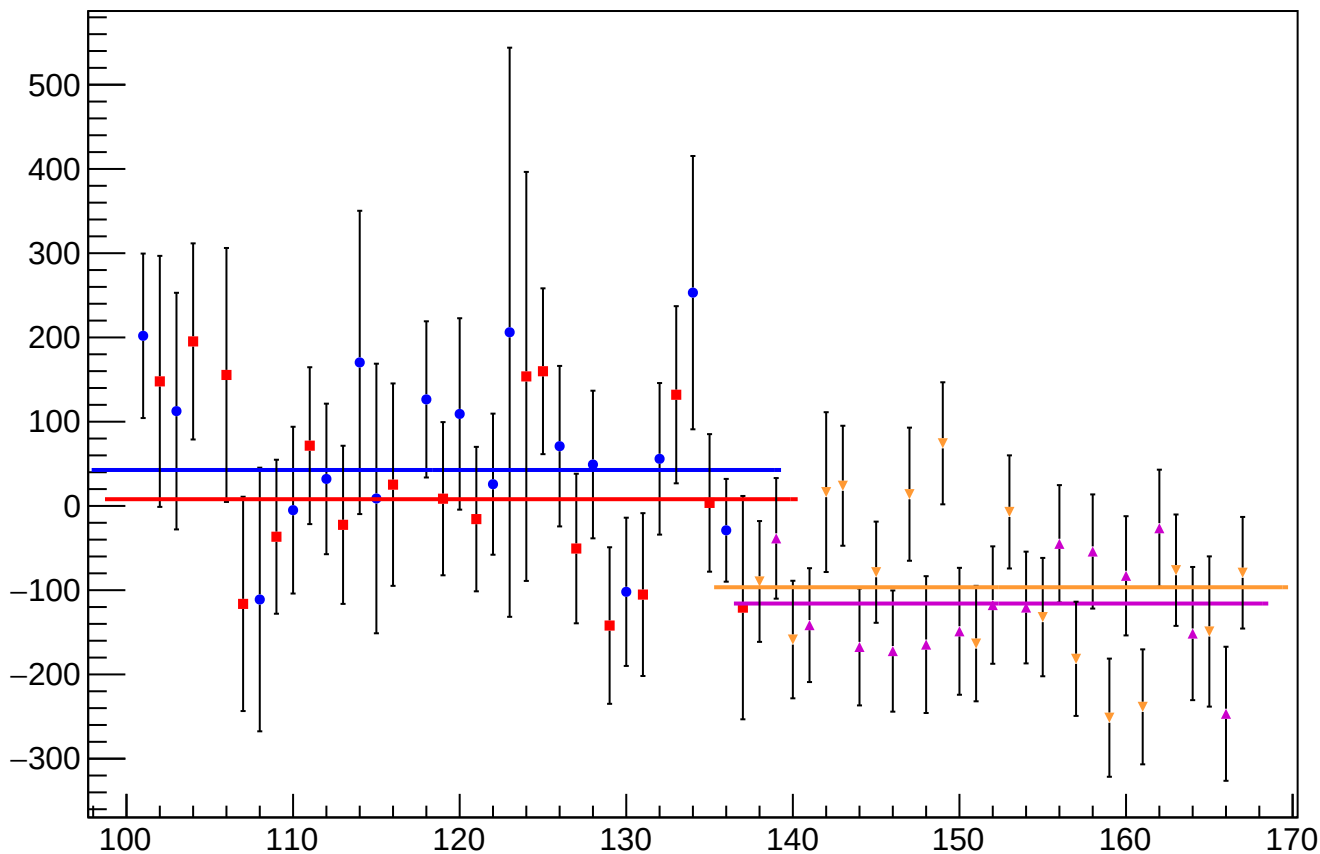
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1031.149 $\pm$ 0.177 χ^2/NDF : 1296195.9/30

Out: 1021.988 $\pm$ 0.169 χ^2/NDF : 1474552.7/33

All: 1026.350 $\pm$ 0.122 χ^2/NDF : 2772145.1/64

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2/NDF : 12.0/16

Left Out: -96.513 $\pm$ 17.700 χ^2/NDF : 26.9/15

Right Out: 7.995 $\pm$ 24.492 χ^2/NDF : 15.8/17

Left In: -115.848 $\pm$ 19.158 χ^2/NDF : 9.7/13

Left: -105.417 $\pm$ 13.001 χ^2/NDF : 37.2/29

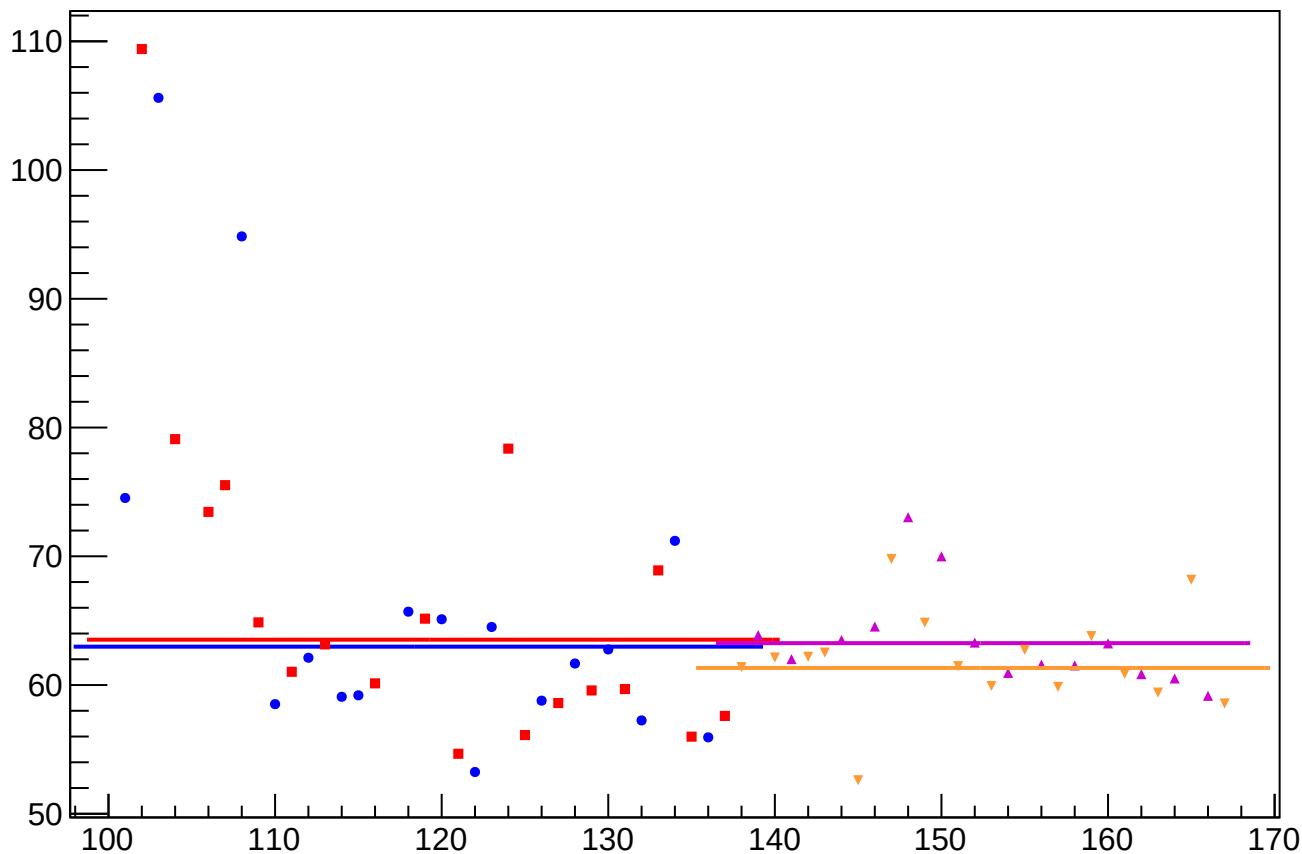
Right: 25.187 $\pm$ 17.392 χ^2/NDF : 28.8/34

In: -56.306 $\pm$ 15.138 χ^2/NDF : 47.4/30

Out: -60.657 $\pm$ 14.346 χ^2/NDF : 54.7/33

All: -58.599 $\pm$ 10.413 χ^2/NDF : 102.1/64

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: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 63.254 $\pm$ 0.014 χ^2 /NDF: 61513.0/13

Left: 62.214 $\pm$ 0.009 χ^2 /NDF: 165381.7/29

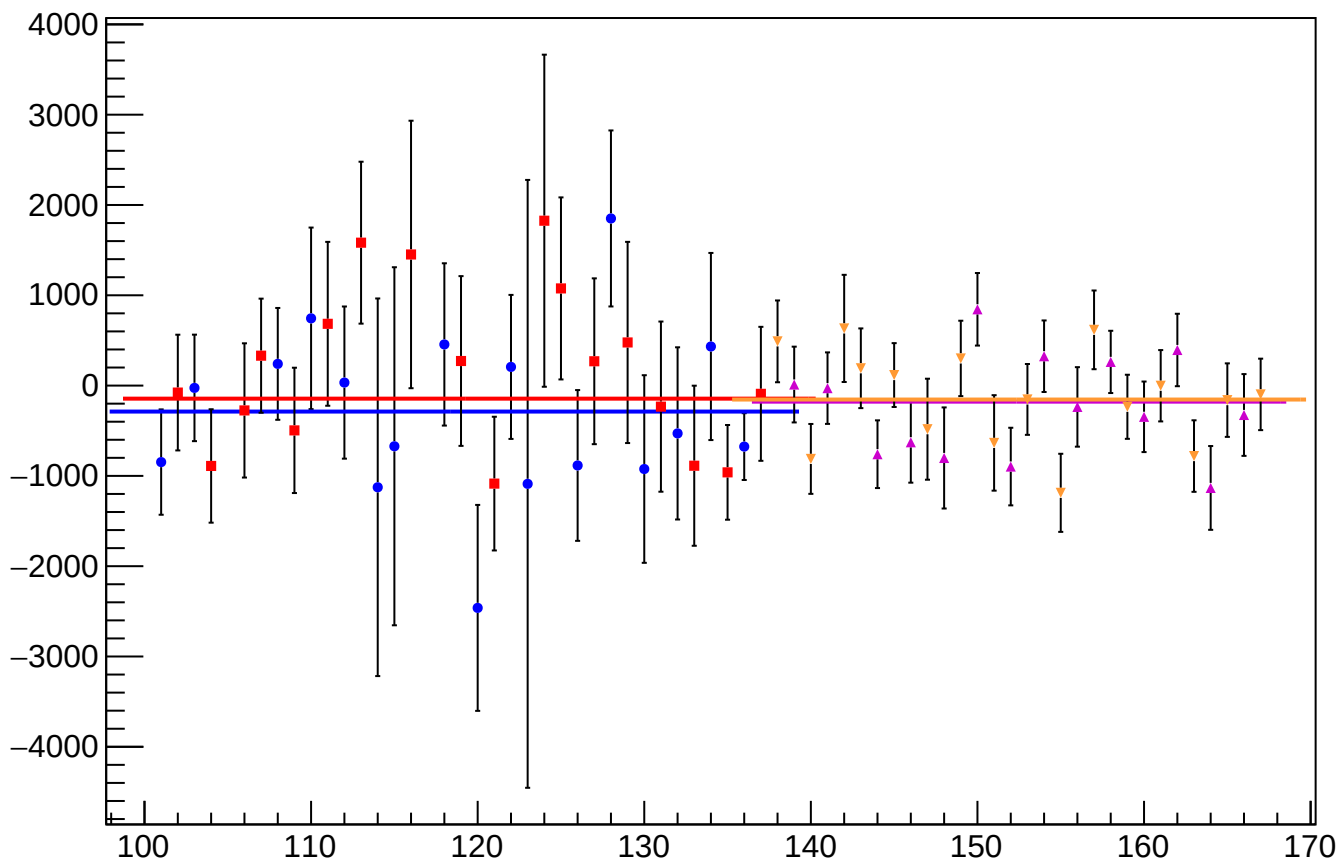
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.151 $\pm$ 0.011 χ^2 /NDF: 436929.7/30

Out: 62.080 $\pm$ 0.010 χ^2 /NDF: 438938.0/33

All: 62.587 $\pm$ 0.007 χ^2 /NDF: 881145.7/64

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -154.498 $\pm$ 105.237 χ^2 /NDF: 21.8/15

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -177.884 $\pm$ 110.961 χ^2 /NDF: 24.1/13

Left: -165.572 $\pm$ 76.357 χ^2 /NDF: 45.9/29

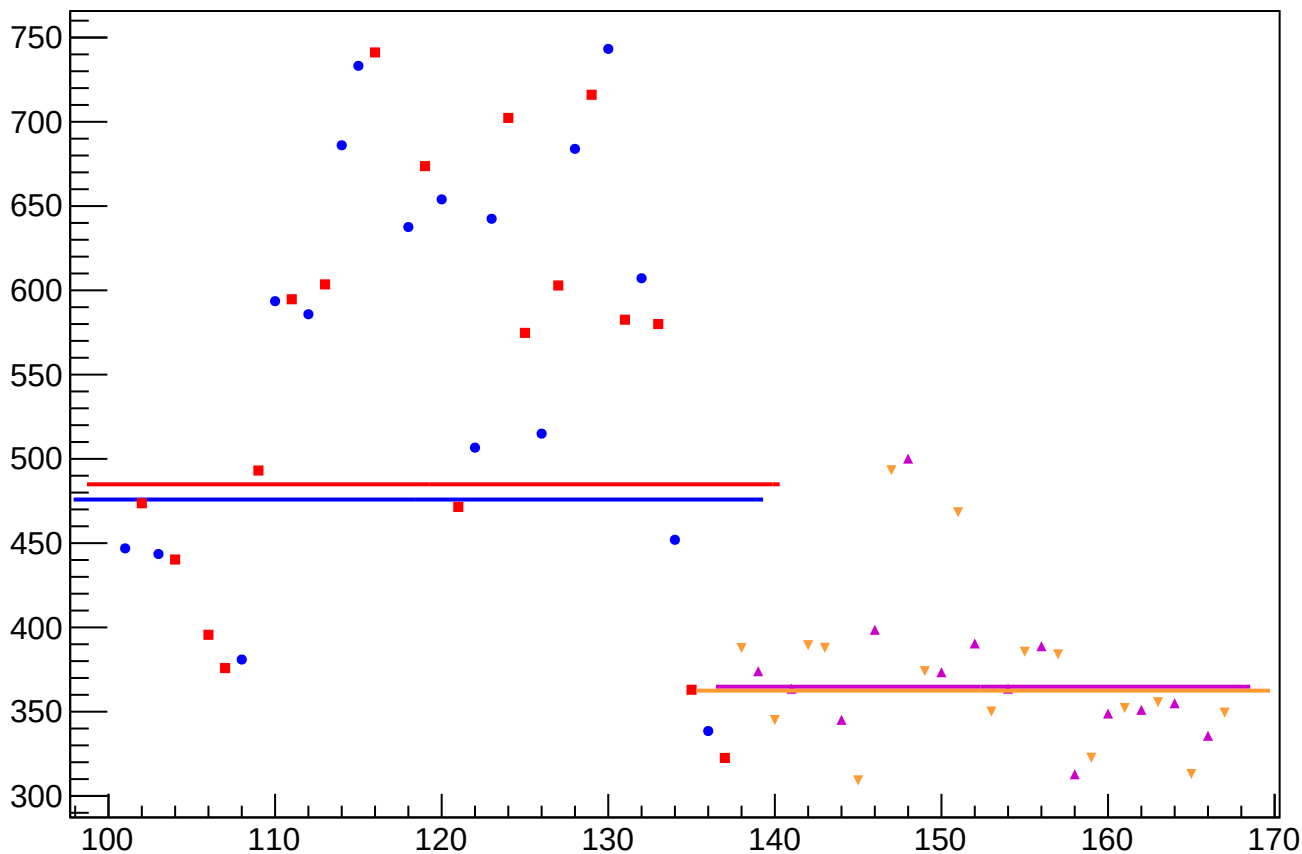
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -205.833 $\pm$ 95.803 χ^2 /NDF: 39.7/30

Out: -152.138 $\pm$ 91.803 χ^2 /NDF: 37.9/33

All: -177.841 $\pm$ 66.283 χ^2 /NDF: 77.7/64

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: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 364.824+/-0.078 χ^2/NDF : 209086.6/13

Left: 363.584+/-0.054 χ^2/NDF : 538474.8/29

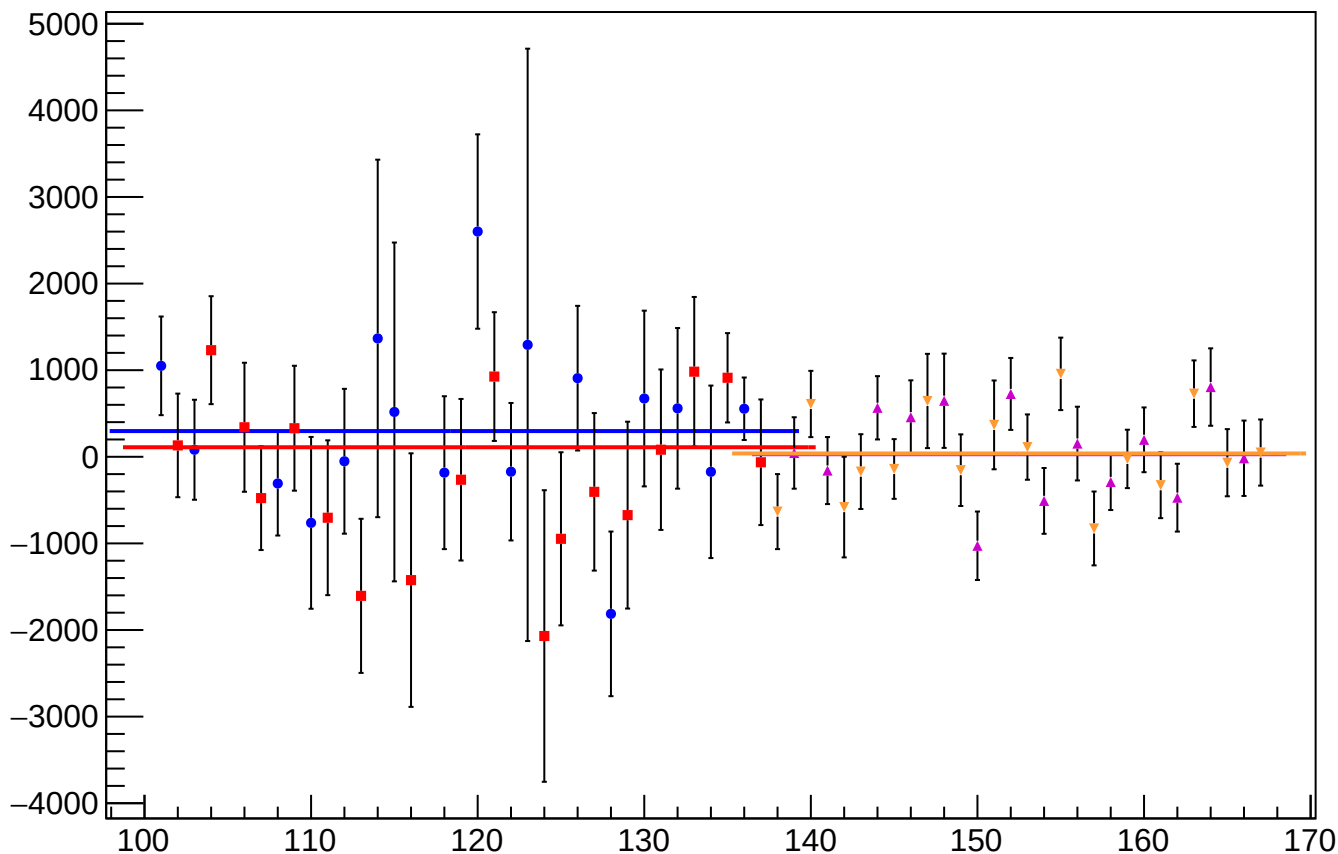
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 393.090+/-0.068 χ^2/NDF : 1556779.0/30

Out: 391.735+/-0.065 χ^2/NDF : 1692382.4/33

All: 392.384+/-0.047 χ^2/NDF : 3249370.1/64

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 38.438 $\pm$ 101.977 χ^2 /NDF:21.4/15

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 29.750 $\pm$ 107.174 χ^2 /NDF:22.6/13

Left: 34.310 $\pm$ 73.877 χ^2 /NDF: 44.0/29

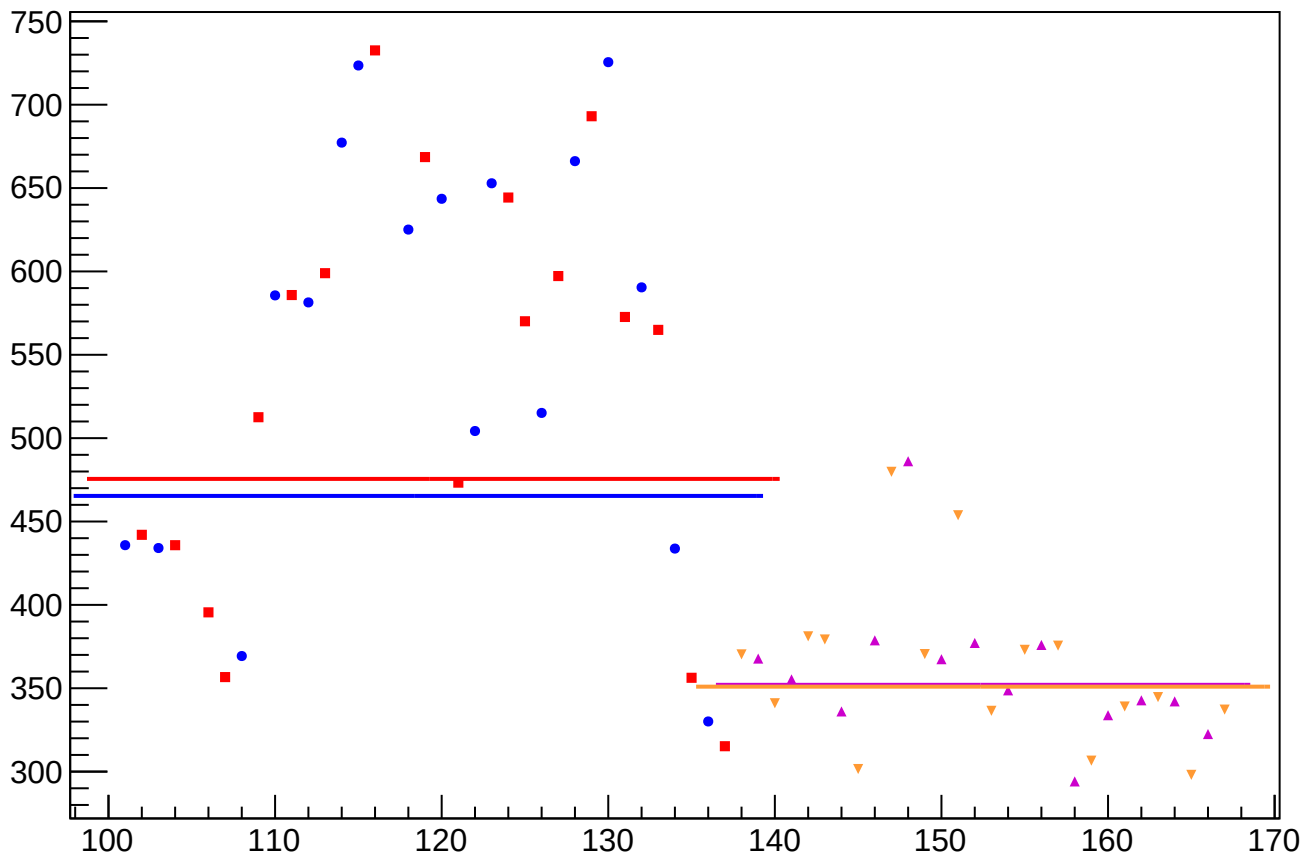
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 96.373 $\pm$ 92.858 χ^2 /NDF:40.0/30

Out: 55.231 $\pm$ 89.240 χ^2 /NDF:40.1/33

All: 74.985 $\pm$ 64.343 χ^2 /NDF: 80.1/64

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 350.950 $\pm$ 0.072 χ^2 /NDF: 349534.1/15

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 352.053 $\pm$ 0.076 χ^2 /NDF: 232981.0/13

Left: 351.474 $\pm$ 0.052 χ^2 /NDF: 582626.3/29

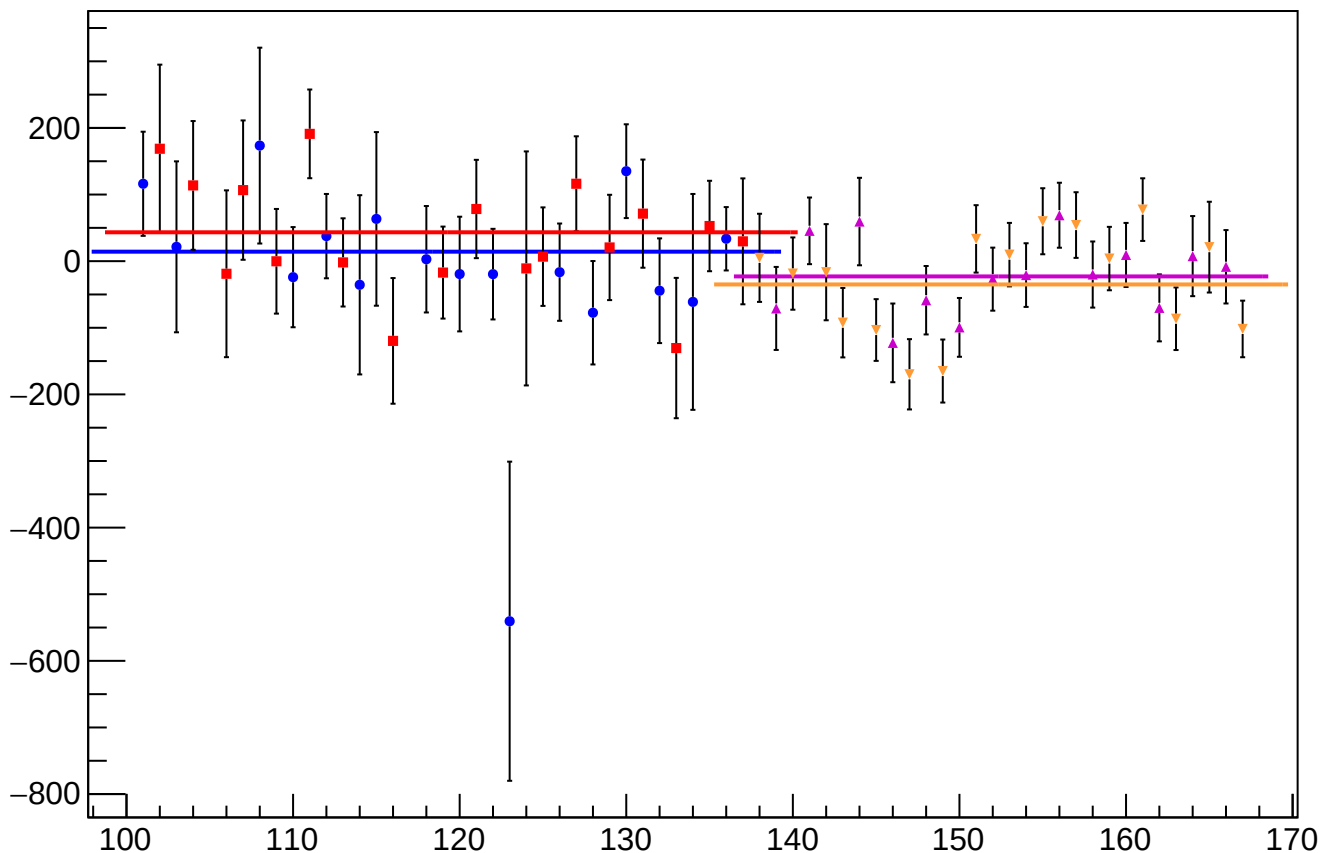
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 380.300 $\pm$ 0.066 χ^2 /NDF: 1650666.3/30

Out: 380.134 $\pm$ 0.063 χ^2 /NDF: 1789777.5/33

All: 380.214 $\pm$ 0.045 χ^2 /NDF: 3440447.2/64

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -34.941 ± 12.735 $\chi^2/\text{NDF}: 38.4/15$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -22.912 ± 13.850 $\chi^2/\text{NDF}: 15.6/13$

Left: -29.430 ± 9.374 $\chi^2/\text{NDF}: 54.4/29$

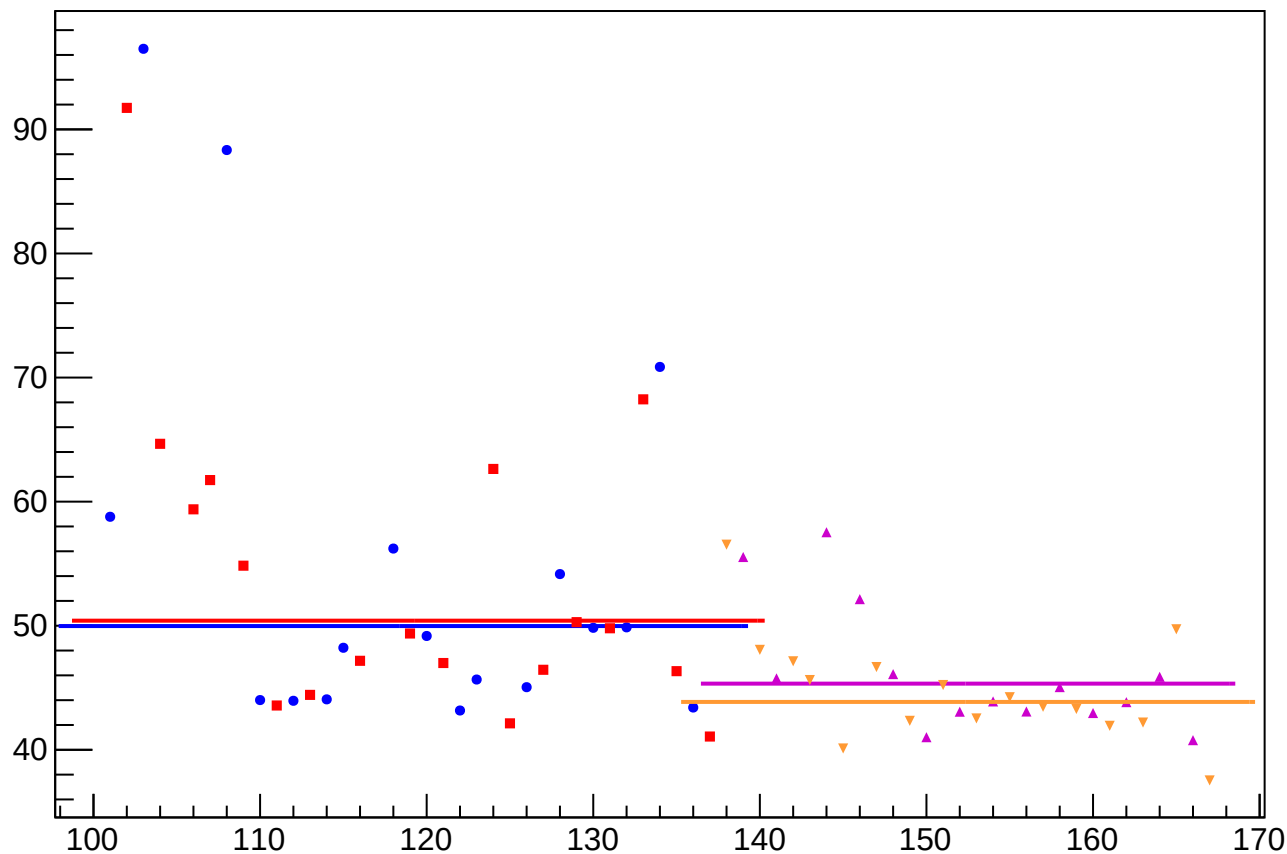
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -10.756 ± 11.362 $\chi^2/\text{NDF}: 32.7/30$

Out: -11.788 ± 10.687 $\chi^2/\text{NDF}: 65.7/33$

All: -11.304 ± 7.784 $\chi^2/\text{NDF}: 98.4/64$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 43.859 $\pm$ 0.009 χ^2/NDF : 181170.9/15

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 45.333 $\pm$ 0.010 χ^2/NDF : 200120.4/13

Left: 44.534 $\pm$ 0.007 χ^2/NDF : 393569.8/29

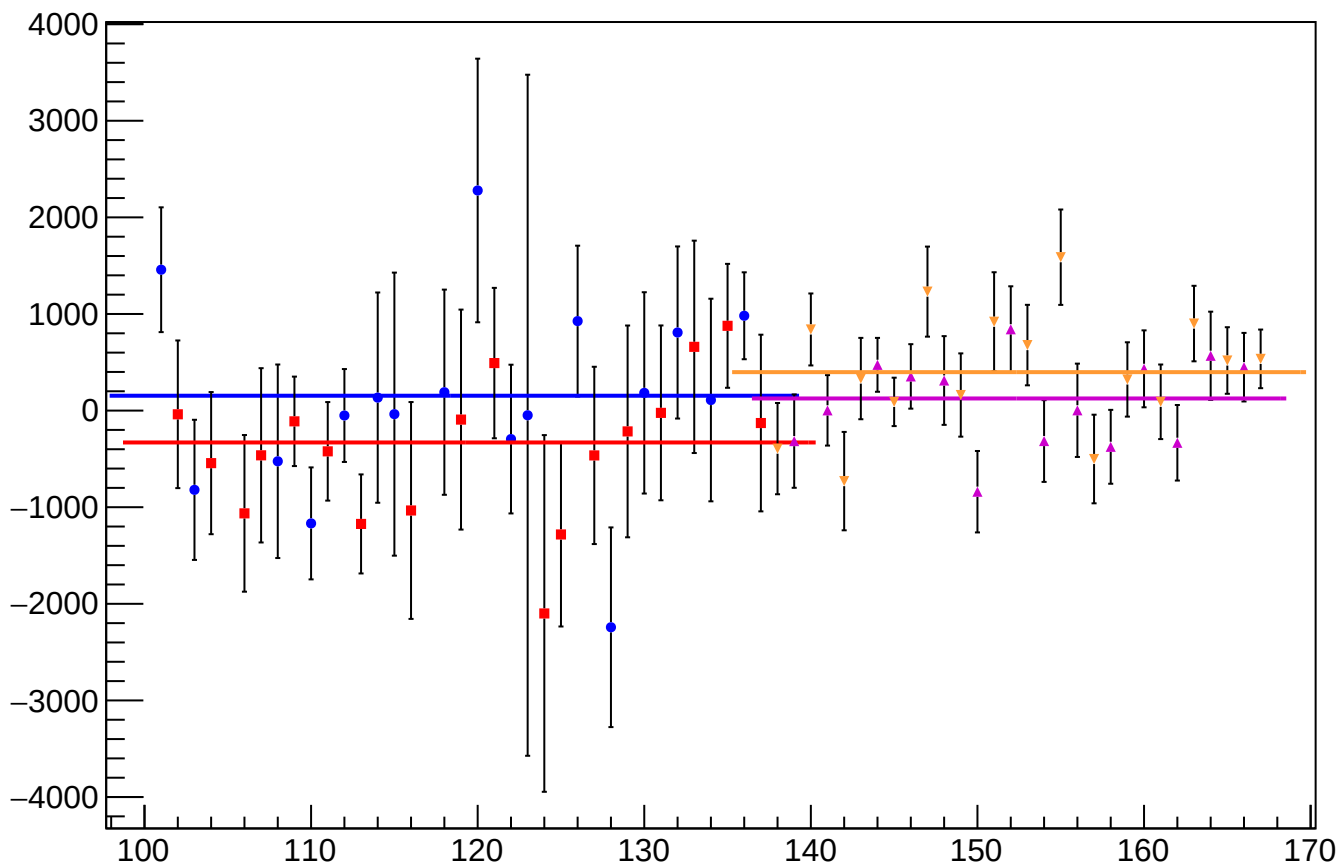
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 46.851 $\pm$ 0.008 χ^2/NDF : 852280.0/30

Out: 45.796 $\pm$ 0.008 χ^2/NDF : 805094.8/33

All: 46.291 $\pm$ 0.006 χ^2/NDF : 1666519.6/64

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 398.002 $\pm$ 97.663 χ^2 /NDF:28.0/15

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 125.466 $\pm$ 104.621 χ^2 /NDF:17.6/13

Left: 271.097 $\pm$ 71.391 χ^2 /NDF: 49.1/29

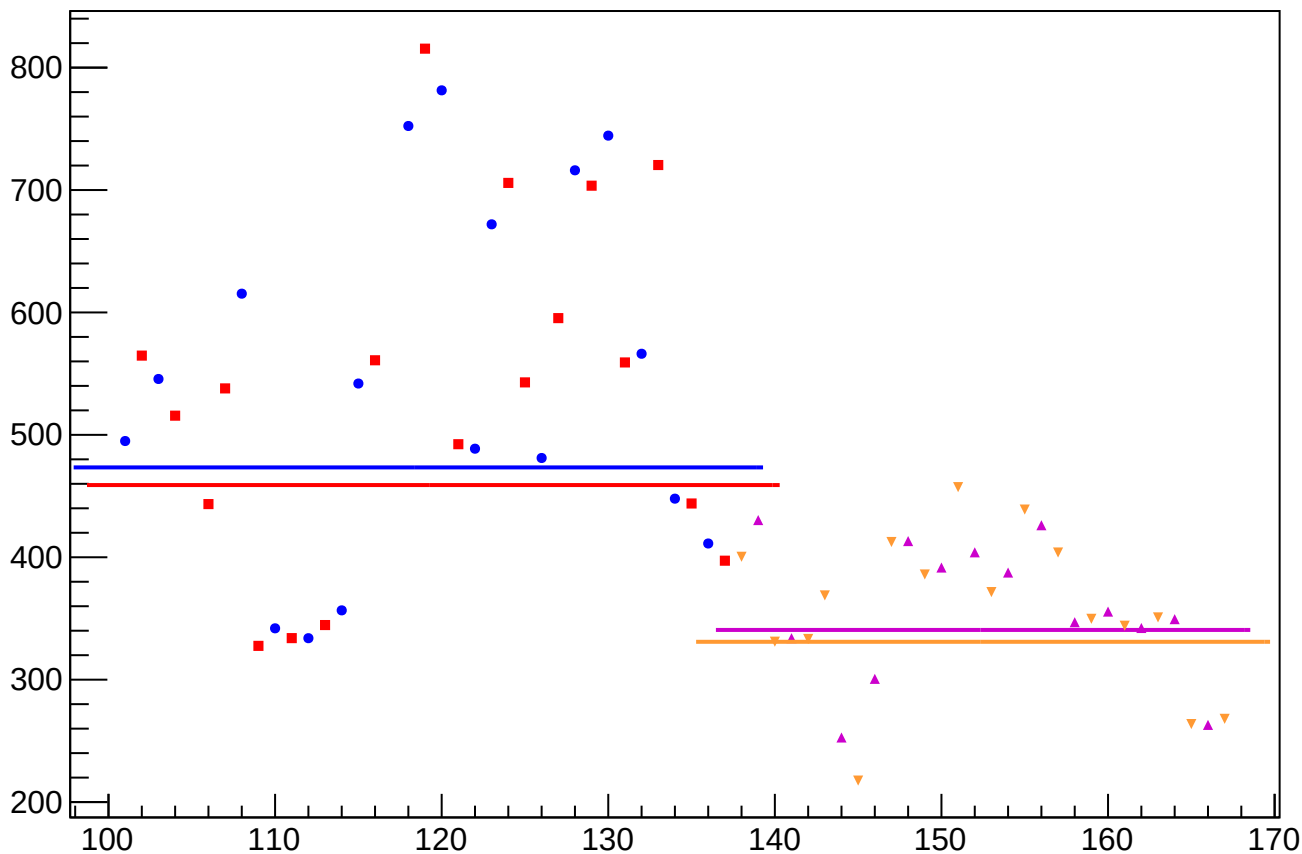
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 132.070 $\pm$ 91.642 χ^2 /NDF:42.4/30

Out: 232.149 $\pm$ 85.819 χ^2 /NDF:52.7/33

All: 185.390 $\pm$ 62.641 χ^2 /NDF: 95.7/64

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: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 340.631 $\pm$ 0.074 χ^2 /NDF:603696.3/13

Left: 335.454 $\pm$ 0.050 χ^2 /NDF: 1637168.9/29

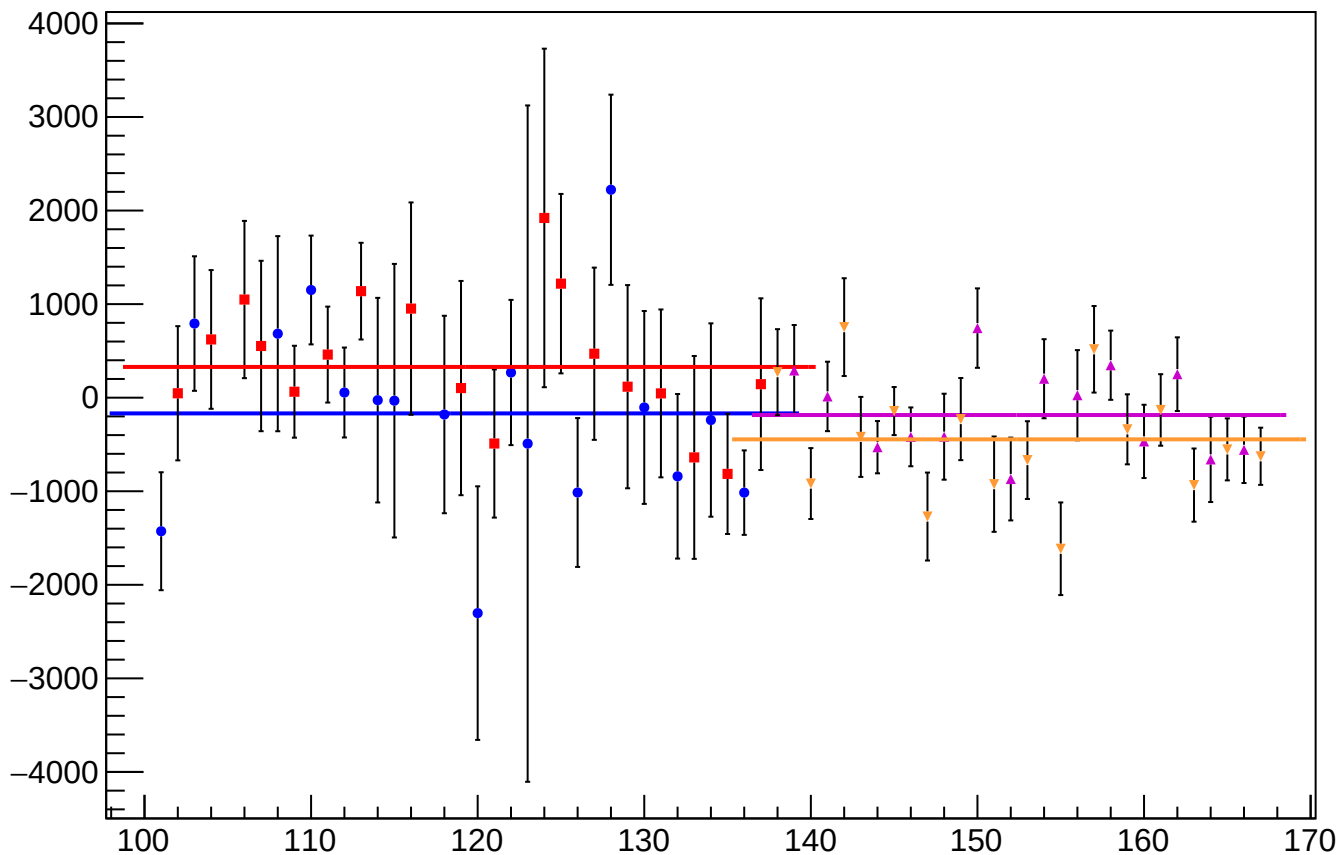
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 371.531 $\pm$ 0.065 χ^2 /NDF:2268306.3/30

Out: 360.116 $\pm$ 0.061 χ^2 /NDF:2813836.3/33

All: 365.450 $\pm$ 0.044 χ^2 /NDF: 5098675.1/64

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -445.253+/-97.848 χ^2/NDF : 27.8/15

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -185.443+/-103.843 χ^2/NDF : 17.8/13

Left: -323.063+/-71.214 χ^2/NDF : 48.9/29

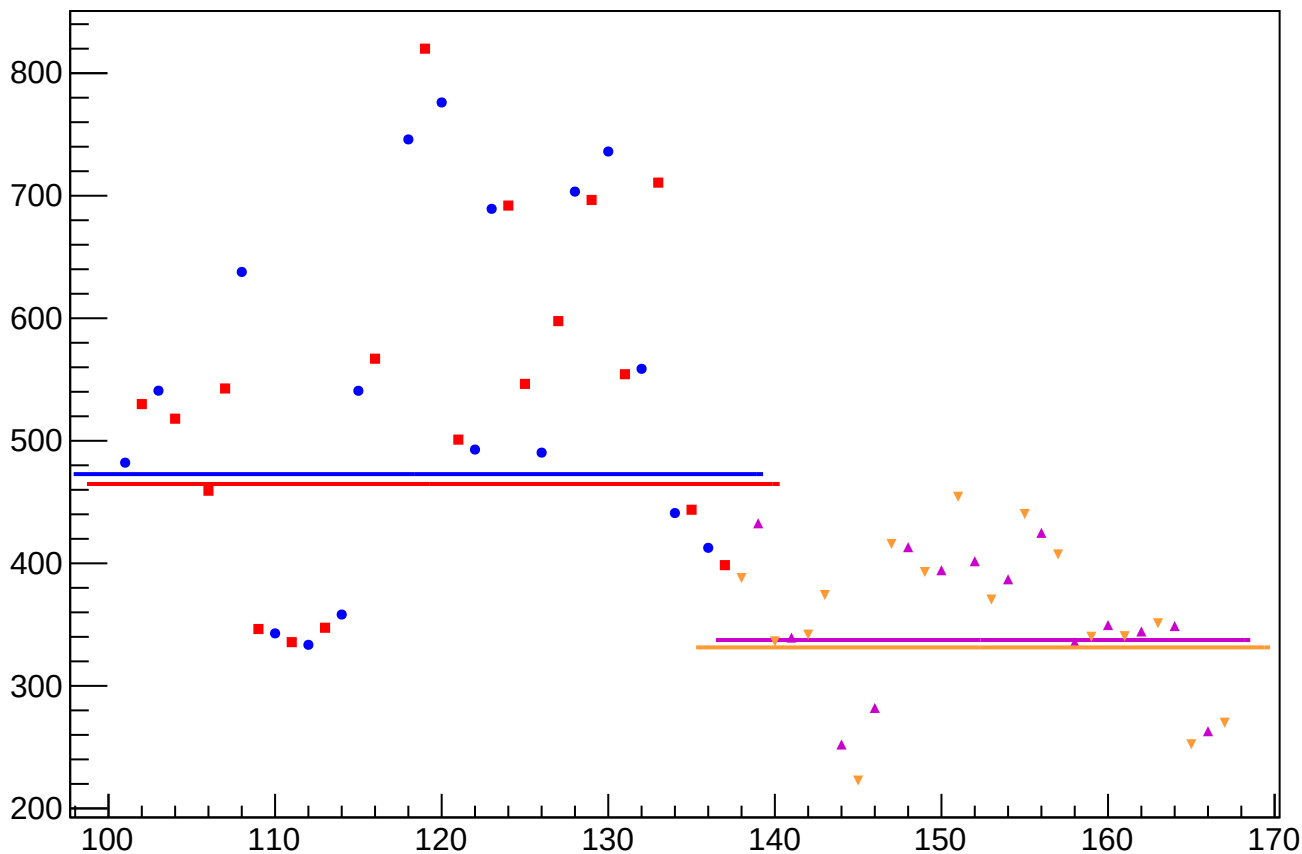
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -181.434+/-91.095 χ^2/NDF : 43.2/30

Out: -271.078+/-86.136 χ^2/NDF : 53.0/33

All: -228.763+/-62.587 χ^2/NDF : 96.7/64

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 331.397 $\pm$ 0.069 χ^2/NDF :1000023.8/15

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 337.407 $\pm$ 0.073 χ^2/NDF :643097.1/13

Left: 334.224 $\pm$ 0.050 χ^2/NDF : 1646670.0/29

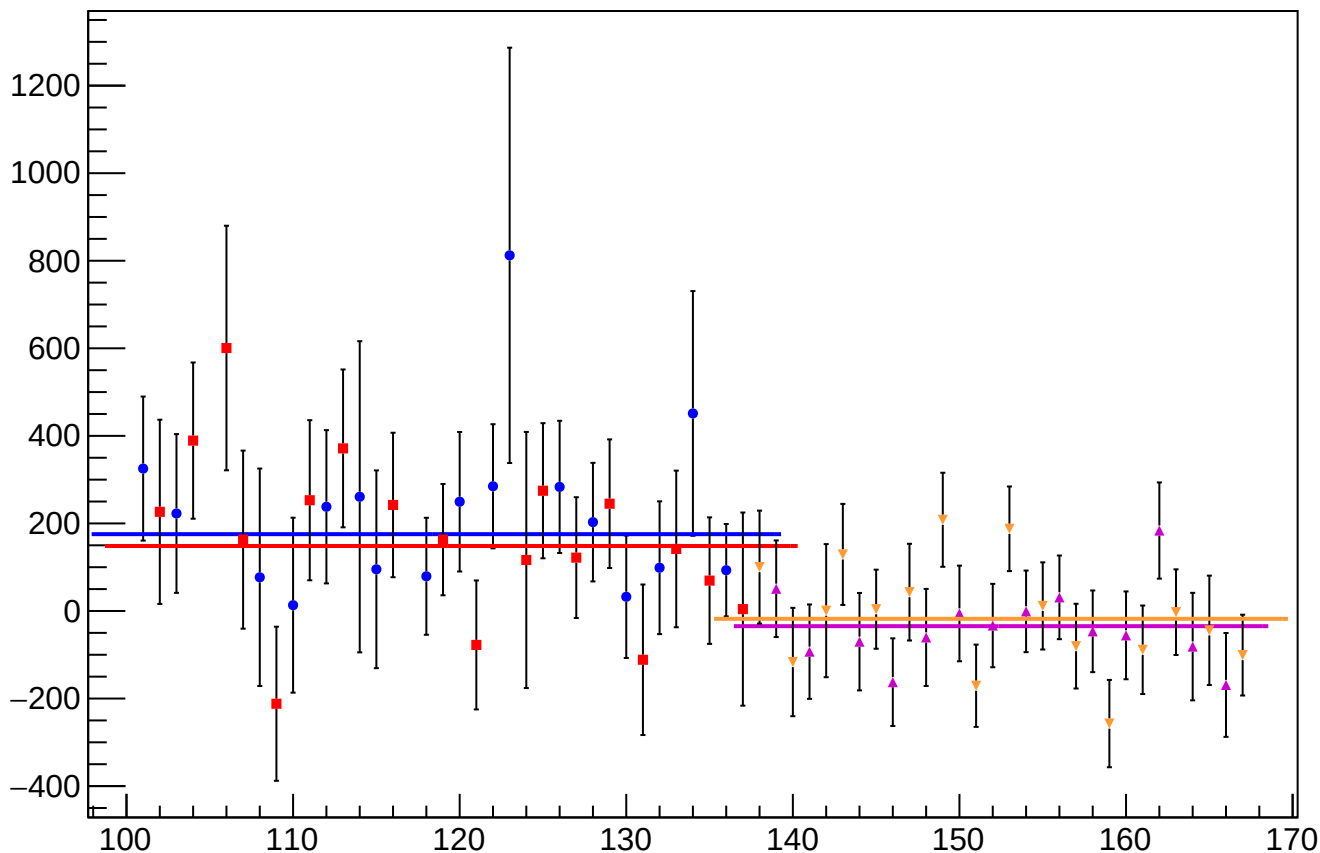
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 368.614 $\pm$ 0.064 χ^2/NDF :2323225.2/30

Out: 361.414 $\pm$ 0.061 χ^2/NDF :2751039.7/33

All: 364.812 $\pm$ 0.044 χ^2/NDF : 5080861.4/64

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -17.900 $\pm$ 26.286 χ^2 /NDF:22.7/15

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -34.691 $\pm$ 27.913 χ^2 /NDF:8.8/13

Left: -25.792 $\pm$ 19.137 χ^2 /NDF: 31.7/29

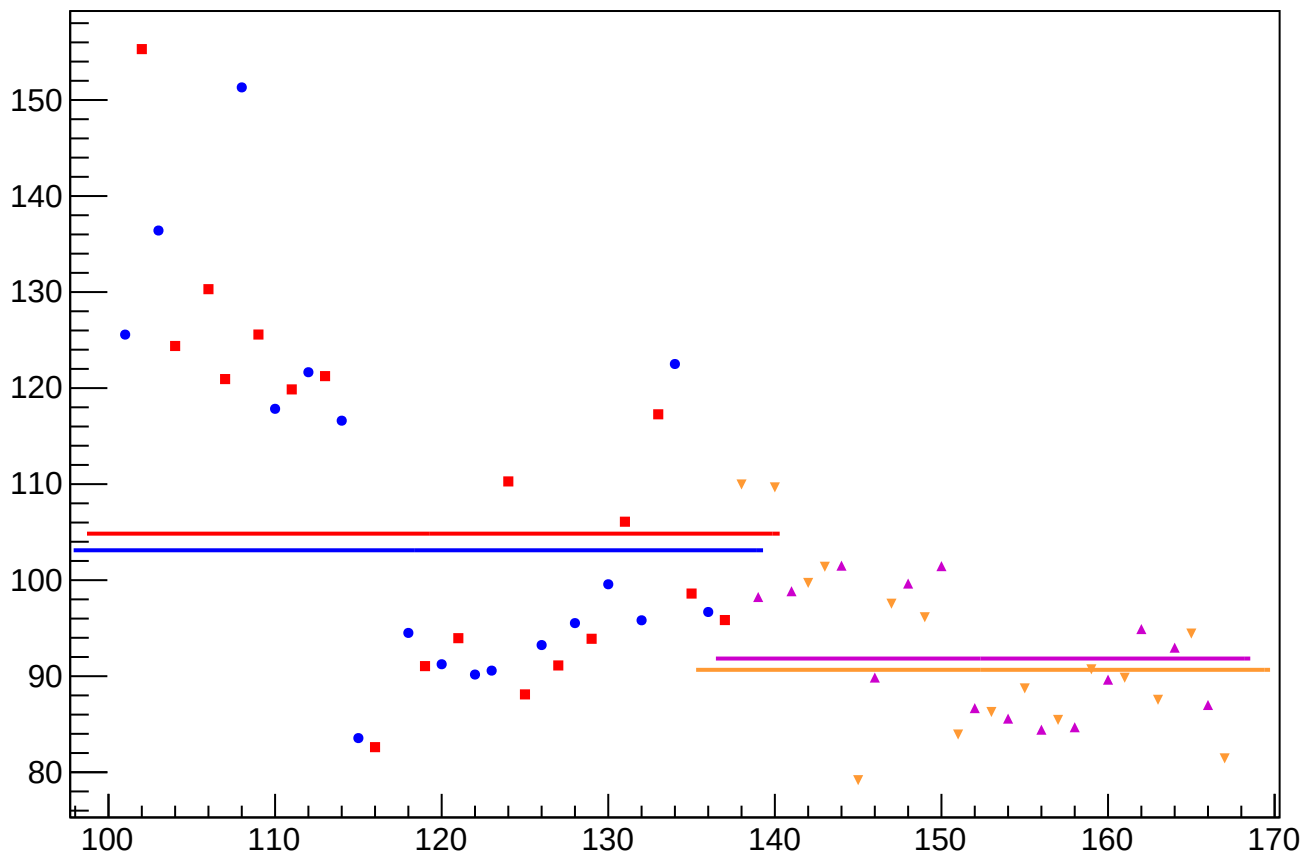
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 33.311 $\pm$ 22.957 χ^2 /NDF:35.7/30

Out: 31.693 $\pm$ 22.022 χ^2 /NDF:52.1/33

All: 32.468 $\pm$ 15.892 χ^2 /NDF: 87.9/64

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 90.664 $\pm$ 0.019 χ^2 /NDF:206532.4/15

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 91.838 $\pm$ 0.020 χ^2 /NDF:101224.7/13

Left: 91.216 $\pm$ 0.014 χ^2 /NDF: 309632.6/29

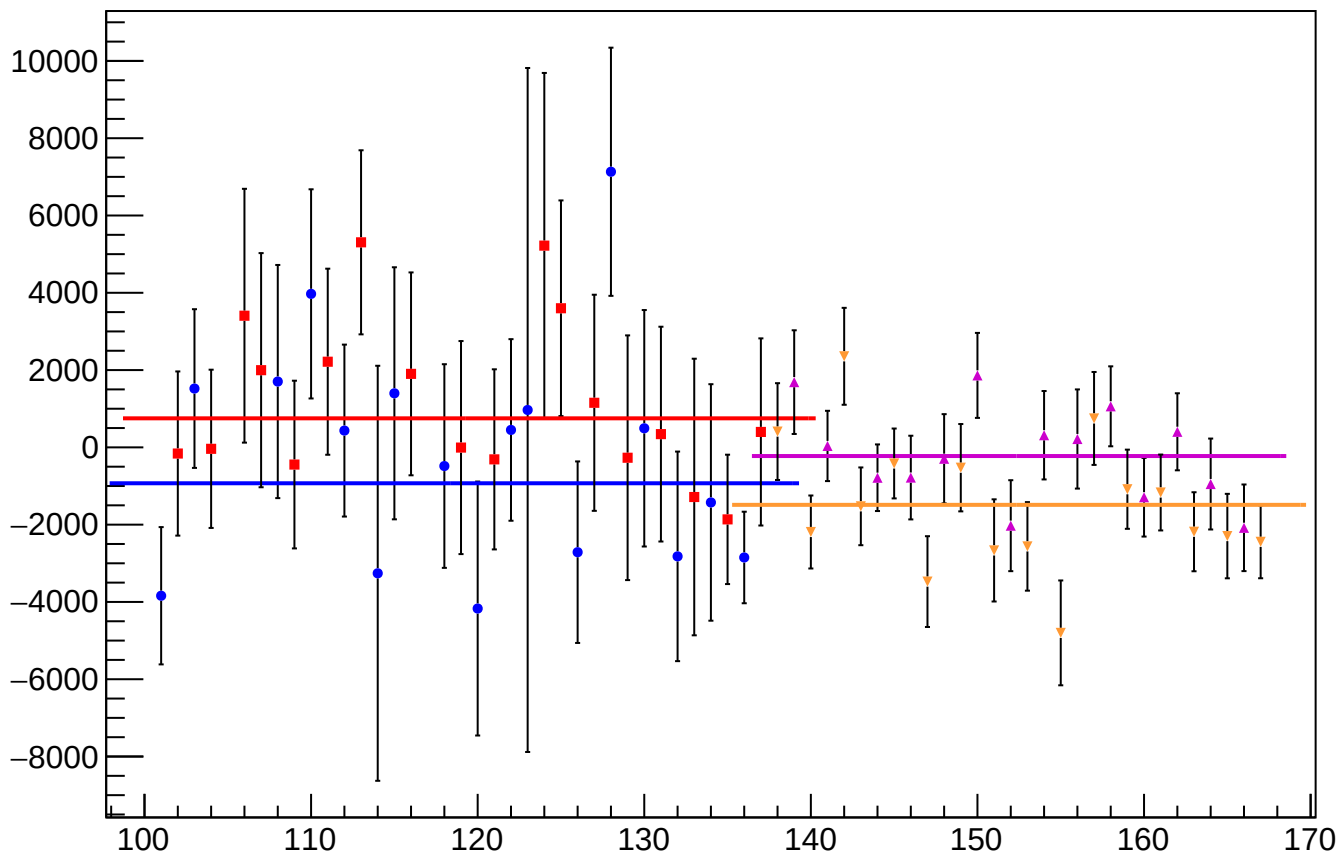
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 95.486 $\pm$ 0.016 χ^2 /NDF:513229.5/30

Out: 94.892 $\pm$ 0.016 χ^2 /NDF:748720.4/33

All: 95.177 $\pm$ 0.011 χ^2 /NDF: 1262648.5/64

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1487.379+/-271.248 χ^2/NDF :30.6/15

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -224.354+/-287.956 χ^2/NDF :15.3/13

Left: -893.571+/-197.444 χ^2/NDF : 56.1/29

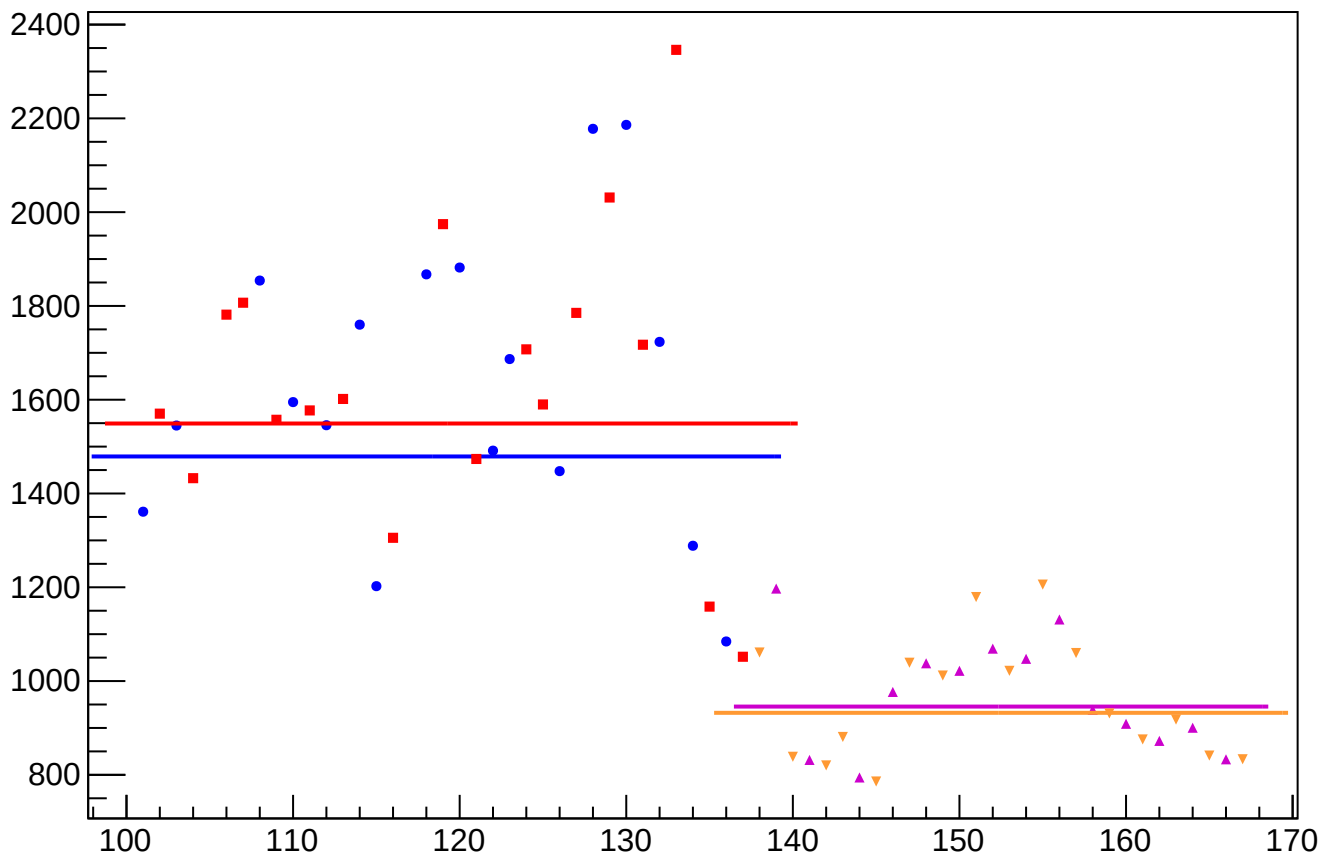
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -361.031+/-258.522 χ^2/NDF :37.3/30

Out: -1102.143+/-246.808 χ^2/NDF :53.3/33

All: -748.758+/-178.517 χ^2/NDF : 94.9/64

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 932.274 $\pm$ 0.192 χ^2 /NDF: 369811.8/15

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 945.595 $\pm$ 0.204 χ^2 /NDF: 303658.7/13

Left: 938.537 $\pm$ 0.140 χ^2 /NDF: 675738.2/29

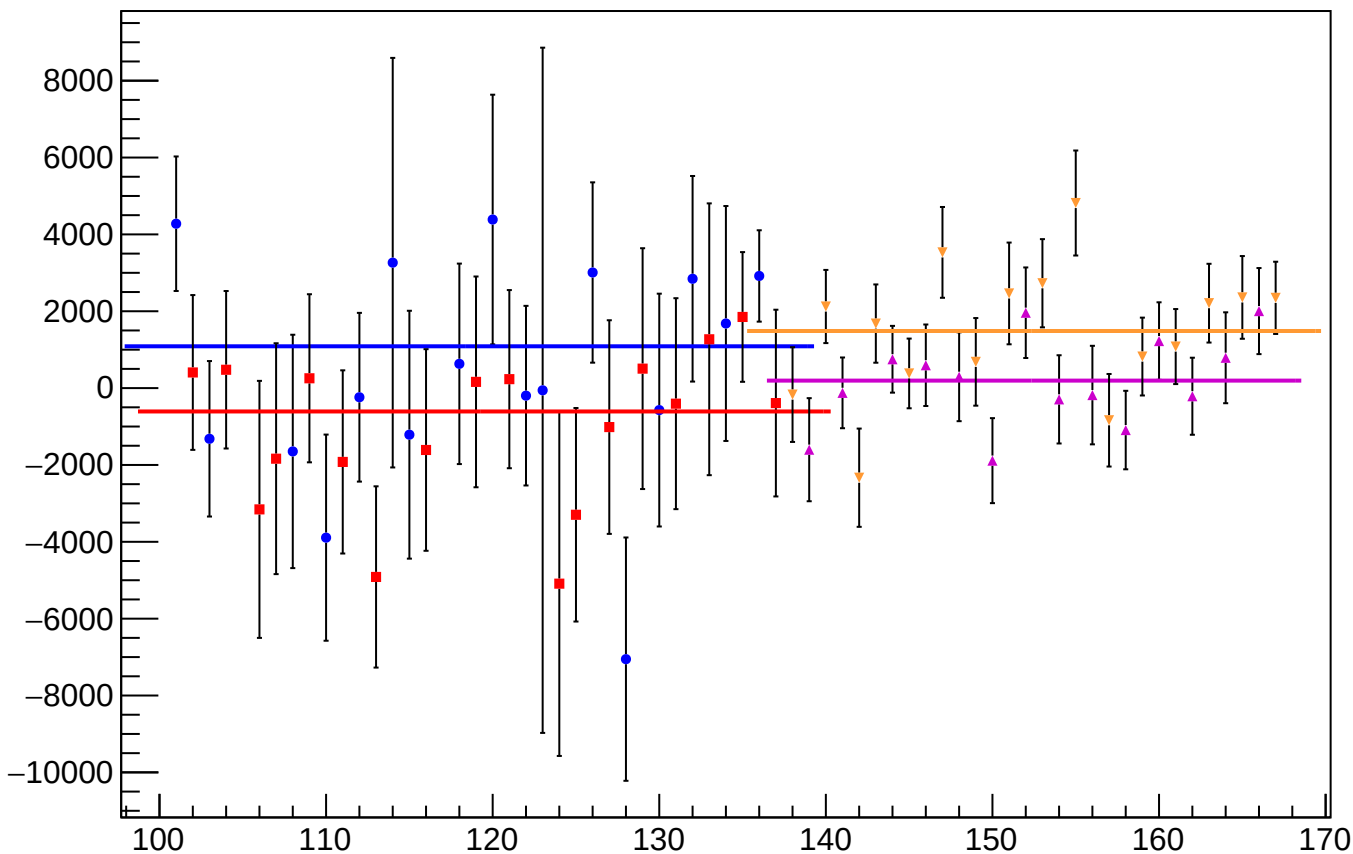
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1049.065 $\pm$ 0.183 χ^2 /NDF: 2224482.6/30

Out: 1038.449 $\pm$ 0.175 χ^2 /NDF: 2613105.4/33

All: 1043.511 $\pm$ 0.126 χ^2 /NDF: 4839352.6/64

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1486.173 $\pm$ 271.517 χ^2 /NDF:30.2/15

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 195.065 $\pm$ 288.059 χ^2 /NDF:14.2/13

Left: 878.753 $\pm$ 197.581 χ^2 /NDF: 55.0/29

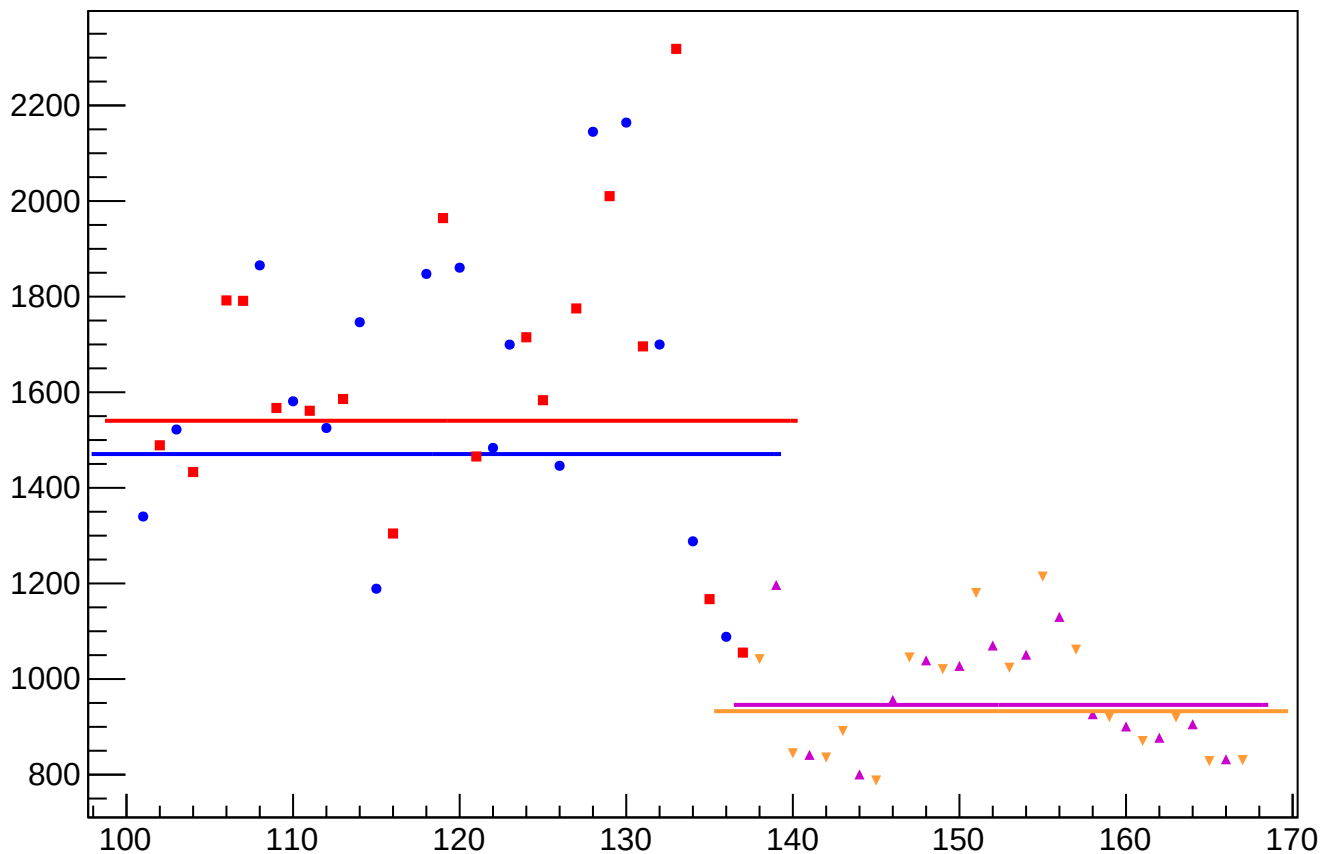
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 370.123 $\pm$ 258.283 χ^2 /NDF:37.9/30

Out: 1121.770 $\pm$ 246.765 χ^2 /NDF:50.4/33

All: 763.079 $\pm$ 178.422 χ^2 /NDF: 92.8/64

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 932.801 $\pm$ 0.192 χ^2 /NDF: 370198.4/15

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 945.927 $\pm$ 0.204 χ^2 /NDF: 293191.6/13

Left: 938.976 $\pm$ 0.140 χ^2 /NDF: 665588.9/29

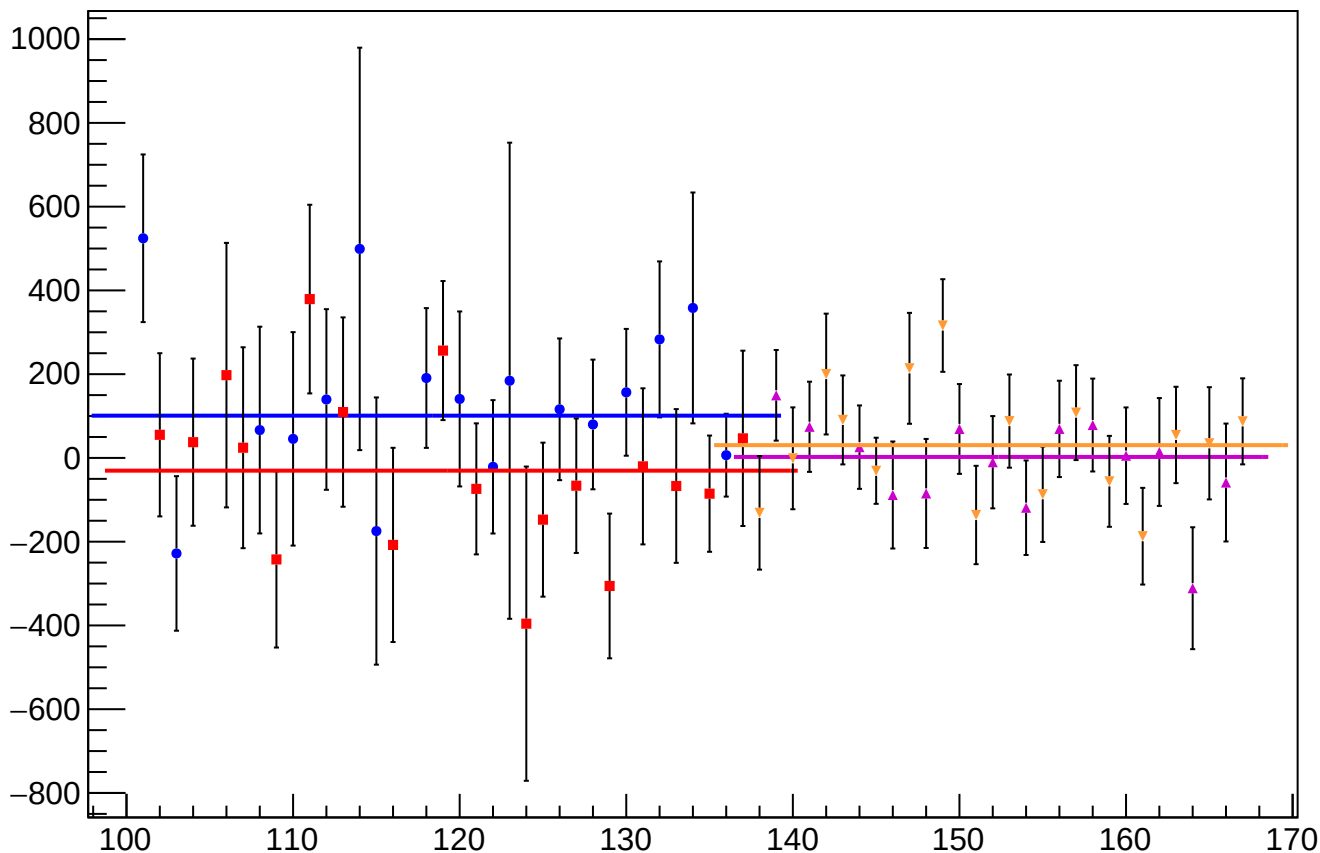
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1048.806 $\pm$ 0.183 χ^2 /NDF: 2162137.2/30

Out: 1038.521 $\pm$ 0.174 χ^2 /NDF: 2555488.6/33

All: 1043.429 $\pm$ 0.126 χ^2 /NDF: 4719283.6/64

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 30.496 ± 28.262 $\chi^2/\text{NDF}: 20.7/15$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 2.334 ± 31.145 $\chi^2/\text{NDF}: 10.5/13$

Left: 17.779 ± 20.929 $\chi^2/\text{NDF}: 31.7/29$

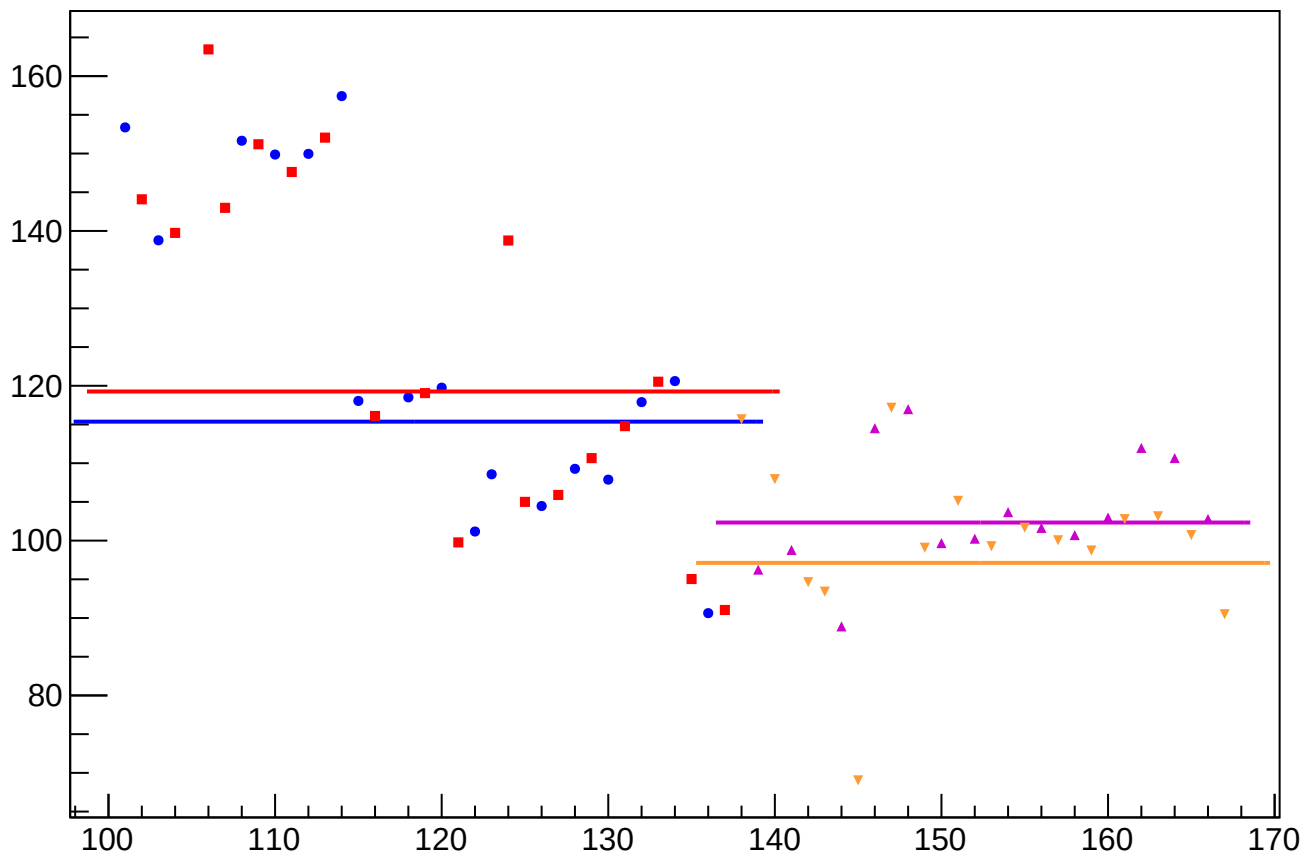
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 33.993 ± 25.662 $\chi^2/\text{NDF}: 26.8/30$

Out: 13.652 ± 24.038 $\chi^2/\text{NDF}: 35.5/33$

All: 23.159 ± 17.543 $\chi^2/\text{NDF}: 62.6/64$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 97.123 $\pm$ 0.020 χ^2 /NDF: 391193.1/15

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 102.336 $\pm$ 0.022 χ^2 /NDF: 108884.0/13

Left: 99.477 $\pm$ 0.015 χ^2 /NDF: 530807.0/29

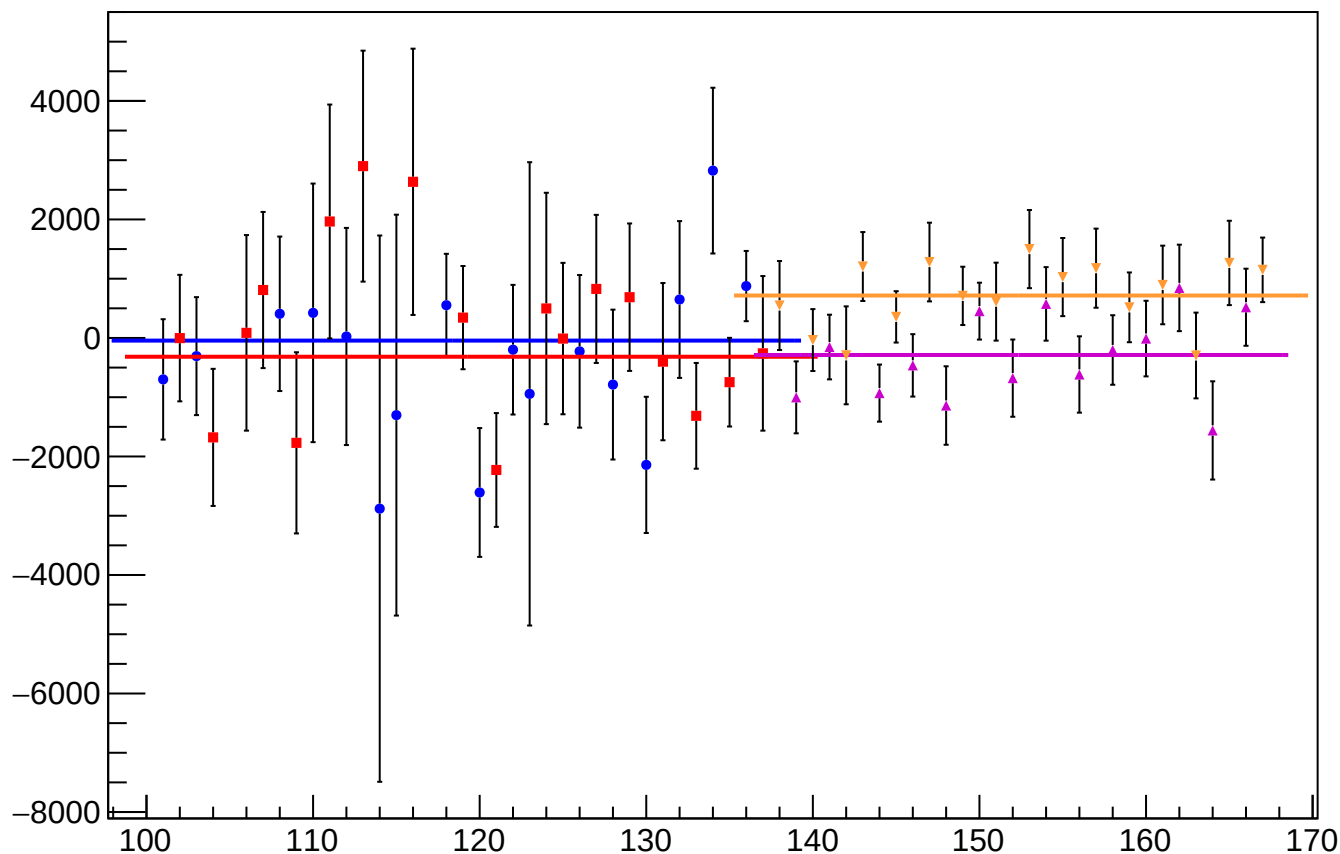
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.521 $\pm$ 0.018 χ^2 /NDF: 632667.8/30

Out: 103.246 $\pm$ 0.017 χ^2 /NDF: 1128950.4/33

All: 104.776 $\pm$ 0.012 χ^2 /NDF: 1778964.8/64

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 716.297 ± 152.230 $\chi^2/\text{NDF}: 11.2/15$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -287.388 ± 160.047 $\chi^2/\text{NDF}: 16.4/13$

Left: 239.565 ± 110.303 $\chi^2/\text{NDF}: 48.3/29$

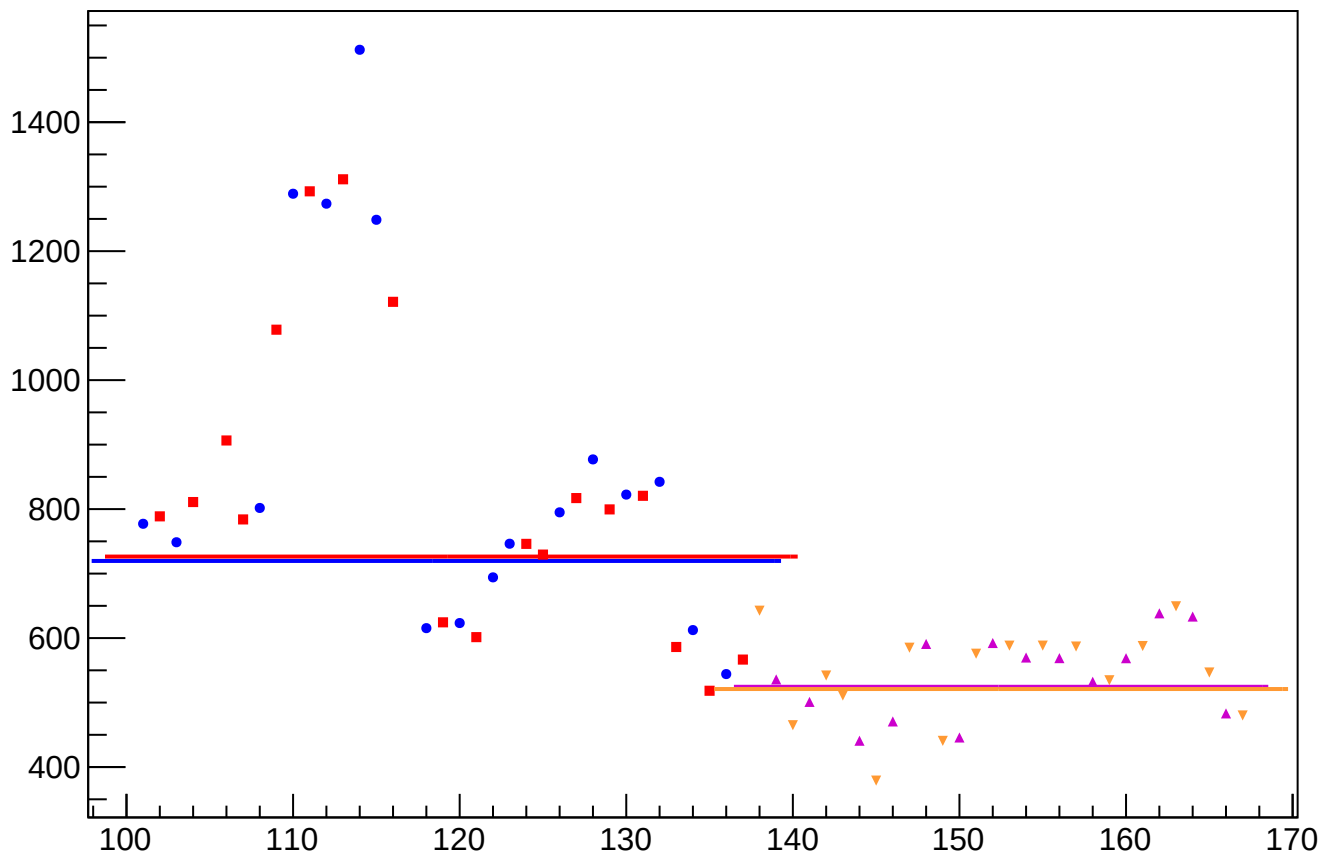
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -229.565 ± 139.699 $\chi^2/\text{NDF}: 34.9/30$

Out: 484.556 ± 134.077 $\chi^2/\text{NDF}: 38.4/33$

All: 142.155 ± 96.733 $\chi^2/\text{NDF}: 86.8/64$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 520.997 $\pm$ 0.108 χ^2 /NDF: 537173.5/15

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 524.472 $\pm$ 0.113 χ^2 /NDF: 302636.5/13

Left: 522.648 $\pm$ 0.078 χ^2 /NDF: 840304.9/29

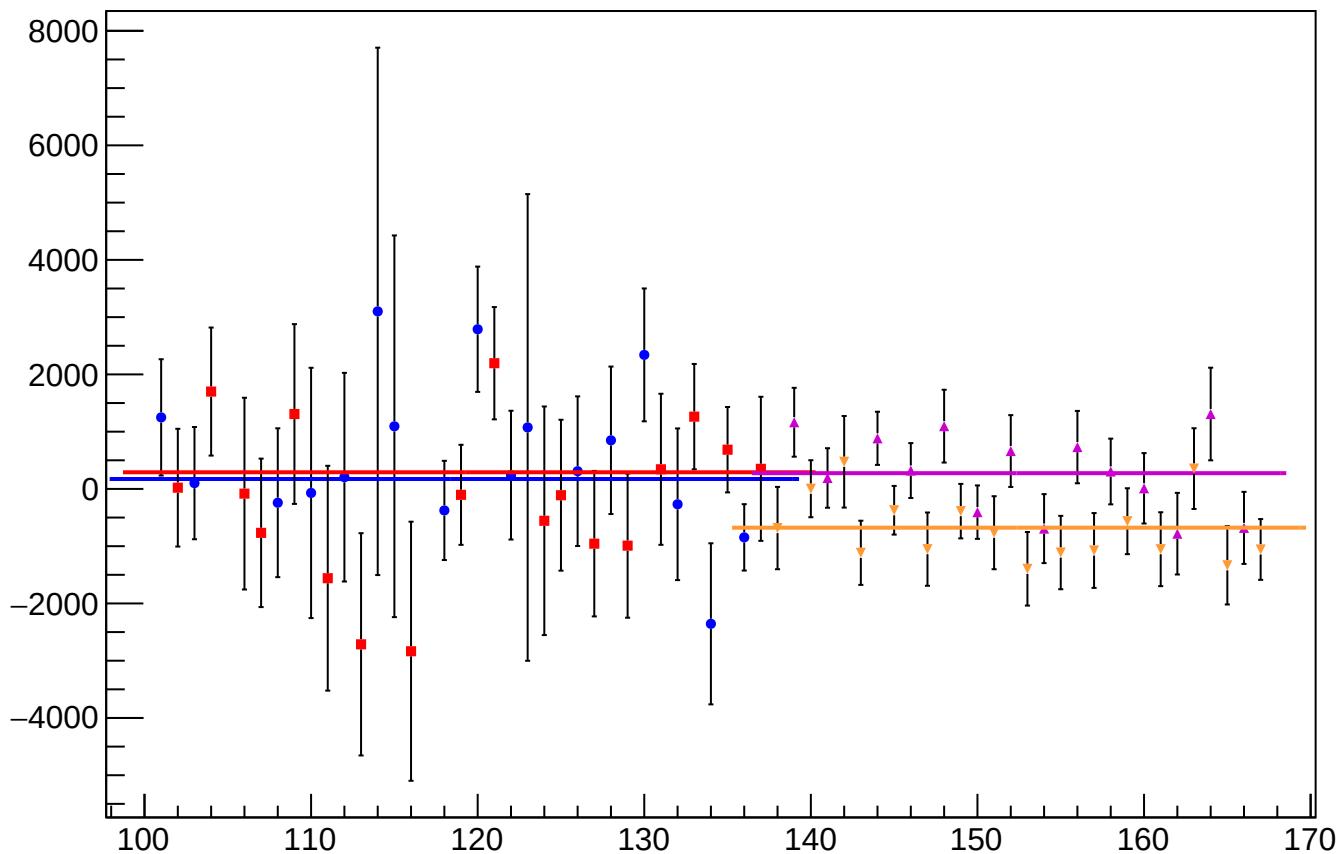
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 570.937 $\pm$ 0.099 χ^2 /NDF: 1757512.6/30

Out: 567.064 $\pm$ 0.095 χ^2 /NDF: 2234776.9/33

All: 568.921 $\pm$ 0.068 χ^2 /NDF: 3993089.6/64

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: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 275.189 $\pm$ 154.233 χ^2 /NDF:17.5/13

Left: -221.748 $\pm$ 106.641 χ^2 /NDF: 49.3/29

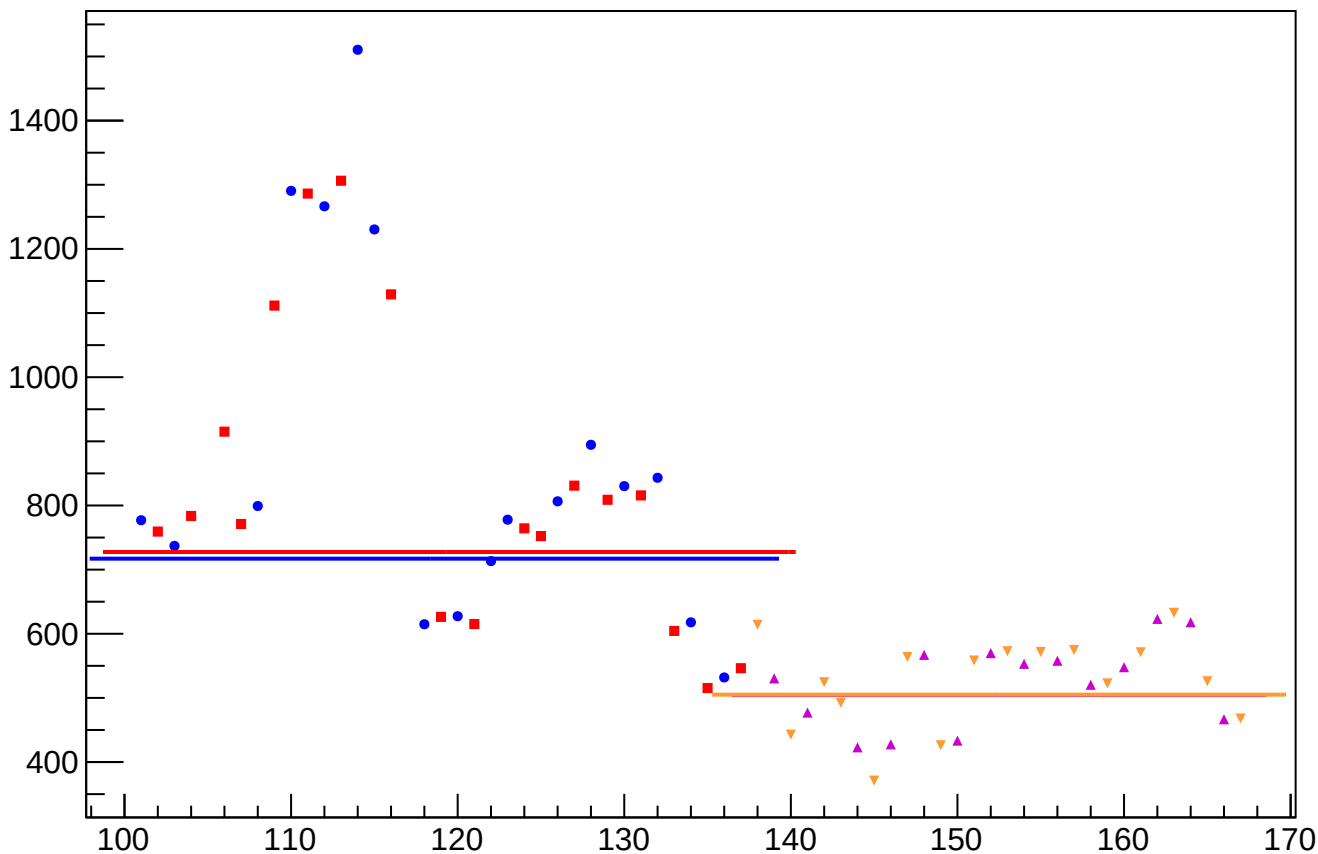
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 252.166 $\pm$ 135.716 χ^2 /NDF:35.7/30

Out: -470.589 $\pm$ 130.932 χ^2 /NDF:36.6/33

All: -122.174 $\pm$ 94.229 χ^2 /NDF: 87.1/64

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 505.098 $\pm$ 0.104 χ^2 /NDF: 530426.0/15

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 504.405 $\pm$ 0.109 χ^2 /NDF: 350871.2/13

Left: 504.767 $\pm$ 0.075 χ^2 /NDF: 881318.2/29

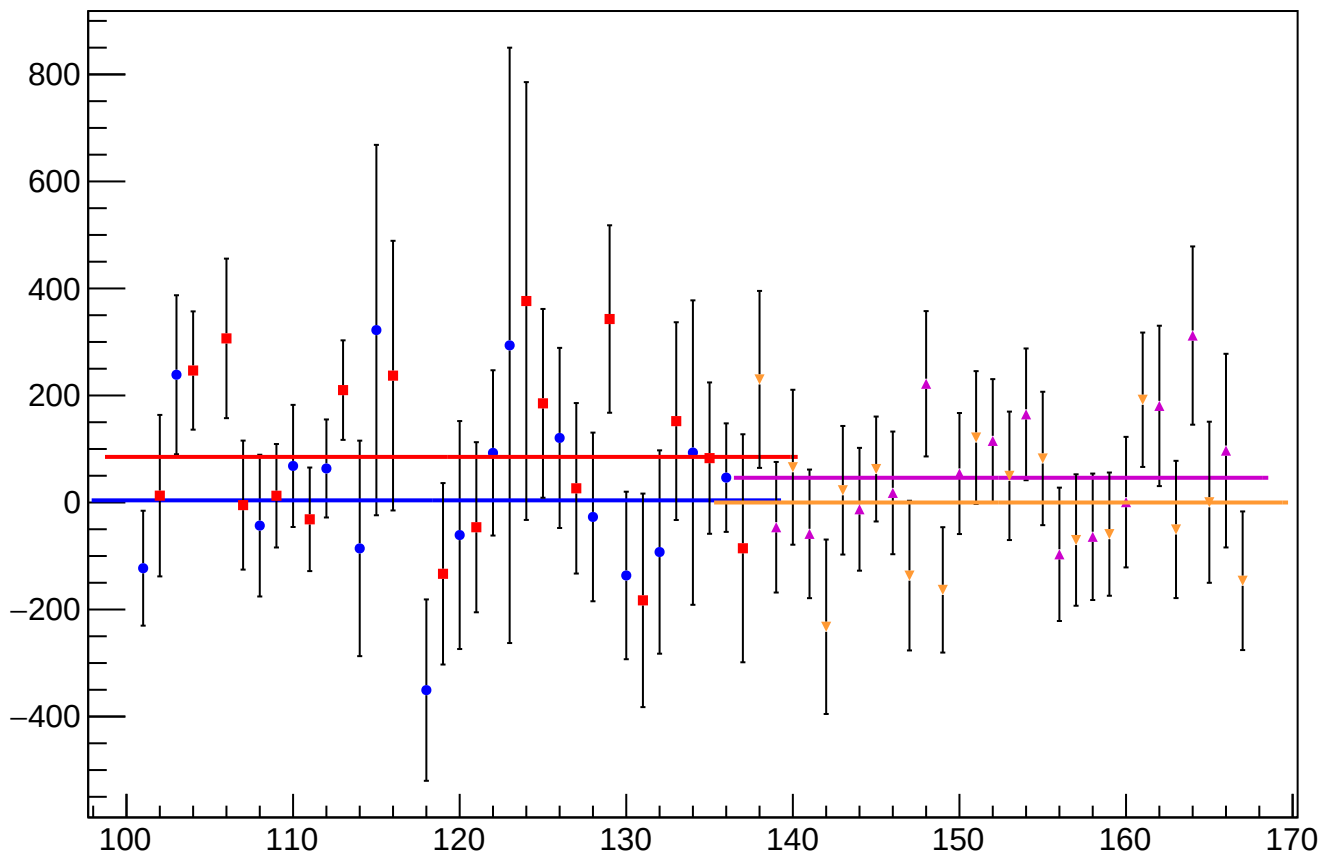
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 552.406 $\pm$ 0.096 χ^2 /NDF: 1991639.9/30

Out: 552.519 $\pm$ 0.093 χ^2 /NDF: 2379450.0/33

All: 552.464 $\pm$ 0.067 χ^2 /NDF: 4371090.6/64

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2/NDF : 12.7/16

Left Out: -0.016 $\pm$ 31.820 χ^2/NDF :13.4/15

Right Out: 85.205 $\pm$ 33.413 χ^2/NDF : 17.4/17

Left In: 46.190 $\pm$ 33.781 χ^2/NDF :10.4/13

Left: 21.707 $\pm$ 23.163 χ^2/NDF : 24.8/29

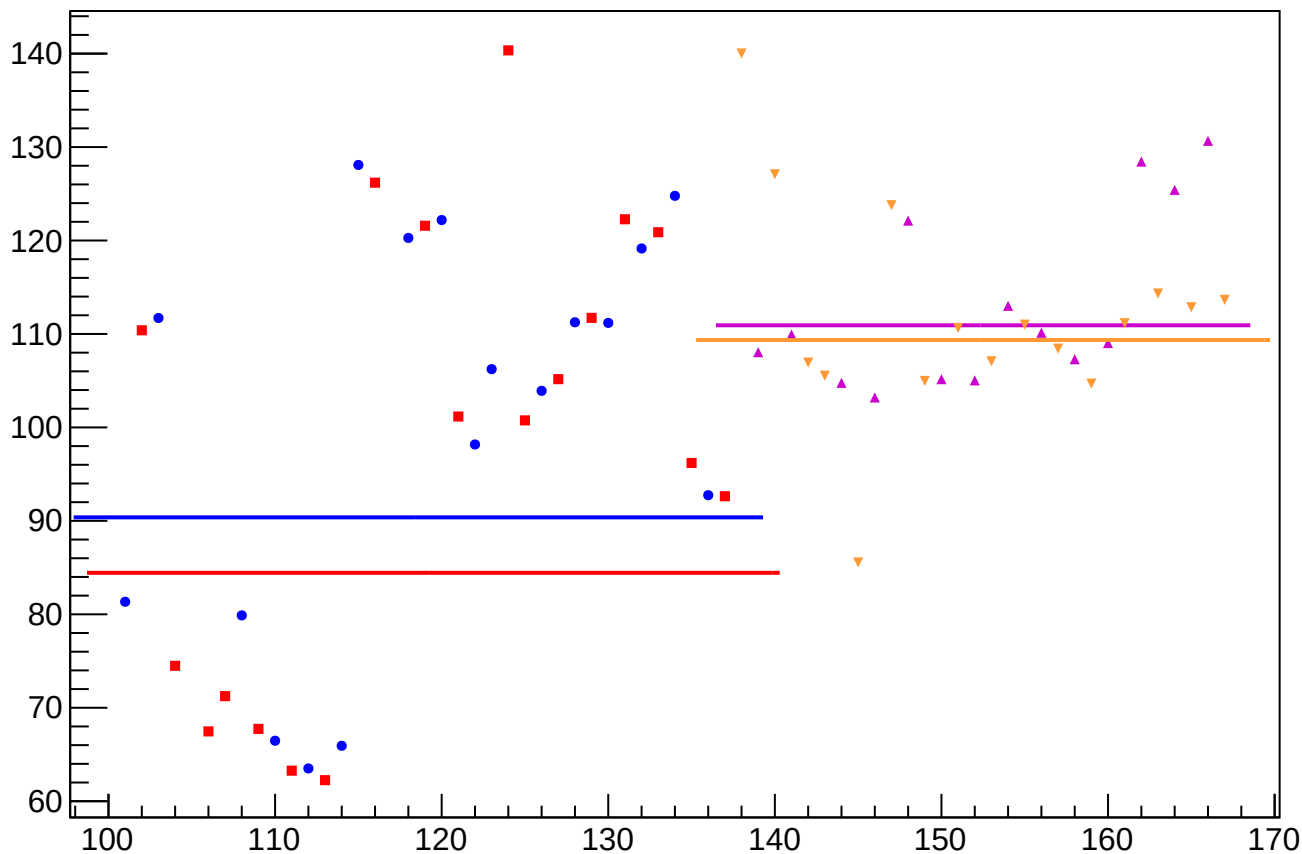
Right: 47.574 $\pm$ 24.474 χ^2/NDF : 32.8/34

In: 26.411 $\pm$ 24.618 χ^2/NDF :23.8/30

Out: 40.516 $\pm$ 23.043 χ^2/NDF :34.2/33

All: 33.929 $\pm$ 16.823 χ^2/NDF : 58.2/64

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 109.352 $\pm$ 0.023 χ^2 /NDF: 254584.7/15

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 110.929 $\pm$ 0.024 χ^2 /NDF: 109392.4/13

Left: 110.093 $\pm$ 0.016 χ^2 /NDF: 366286.0/29

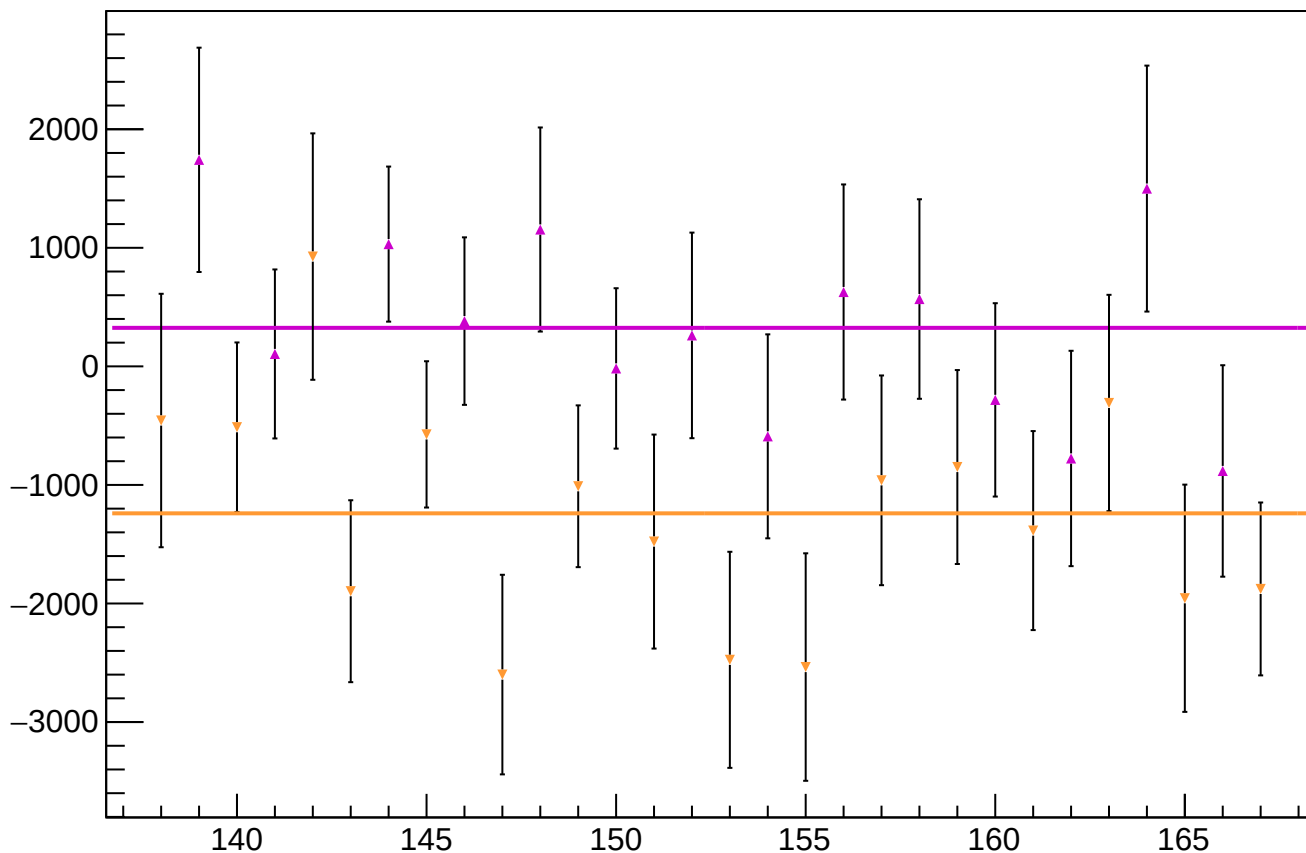
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 101.291 $\pm$ 0.017 χ^2 /NDF: 1110719.8/30

Out: 97.505 $\pm$ 0.016 χ^2 /NDF: 1708344.9/33

All: 99.273 $\pm$ 0.012 χ^2 /NDF: 2844277.1/64

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1239.610+/-206.168 χ^2/NDF :17.0/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 324.909+/-217.311 χ^2/NDF :11.2/13

Left: -498.490+/-149.567 χ^2/NDF : 55.4/29

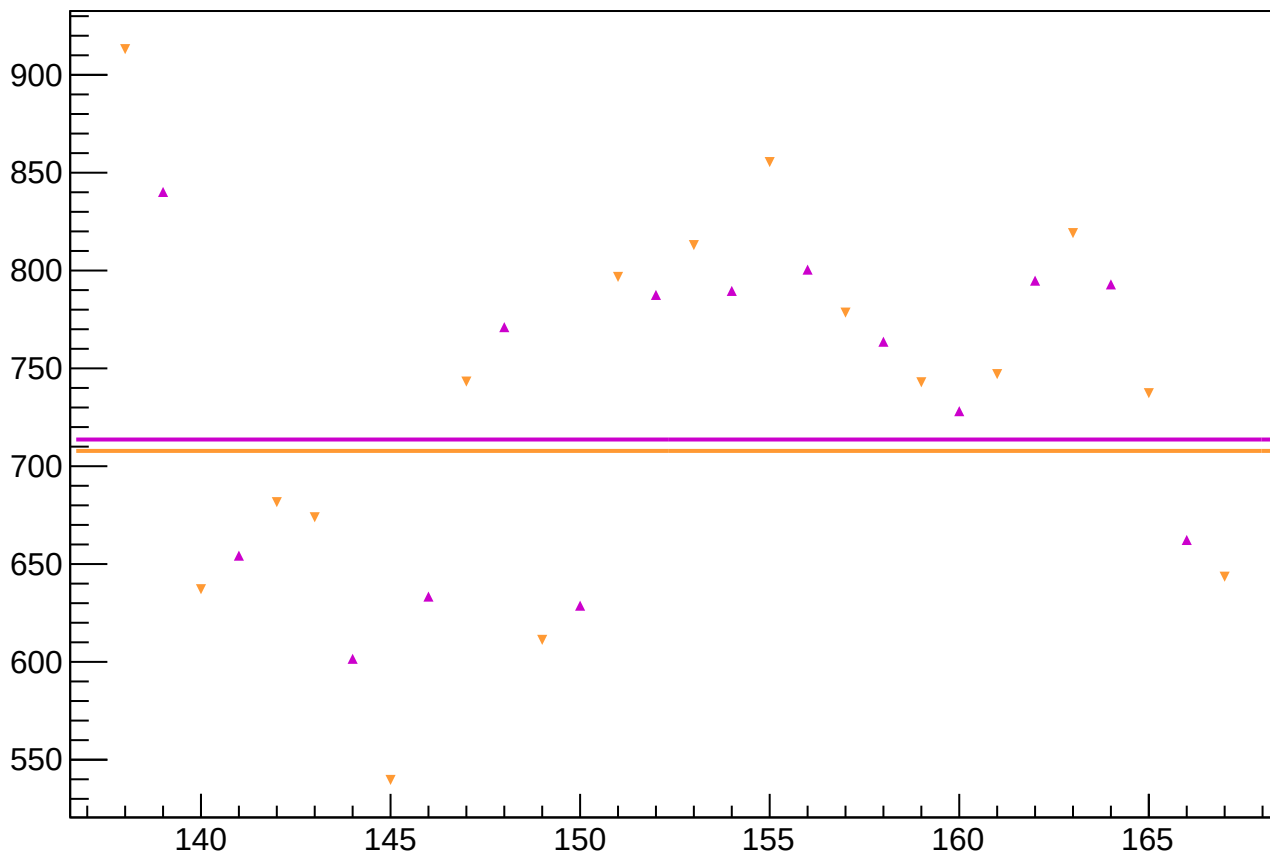
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 324.909+/-217.311 χ^2/NDF :11.2/13

Out: -1239.610+/-206.168 χ^2/NDF :17.0/15

All: -498.490+/-149.567 χ^2/NDF : 55.4/29

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: 713.643+/-0.154 χ^2/NDF :265032.2/13

Left: 710.578+/-0.106 χ^2/NDF : 717947.4/29

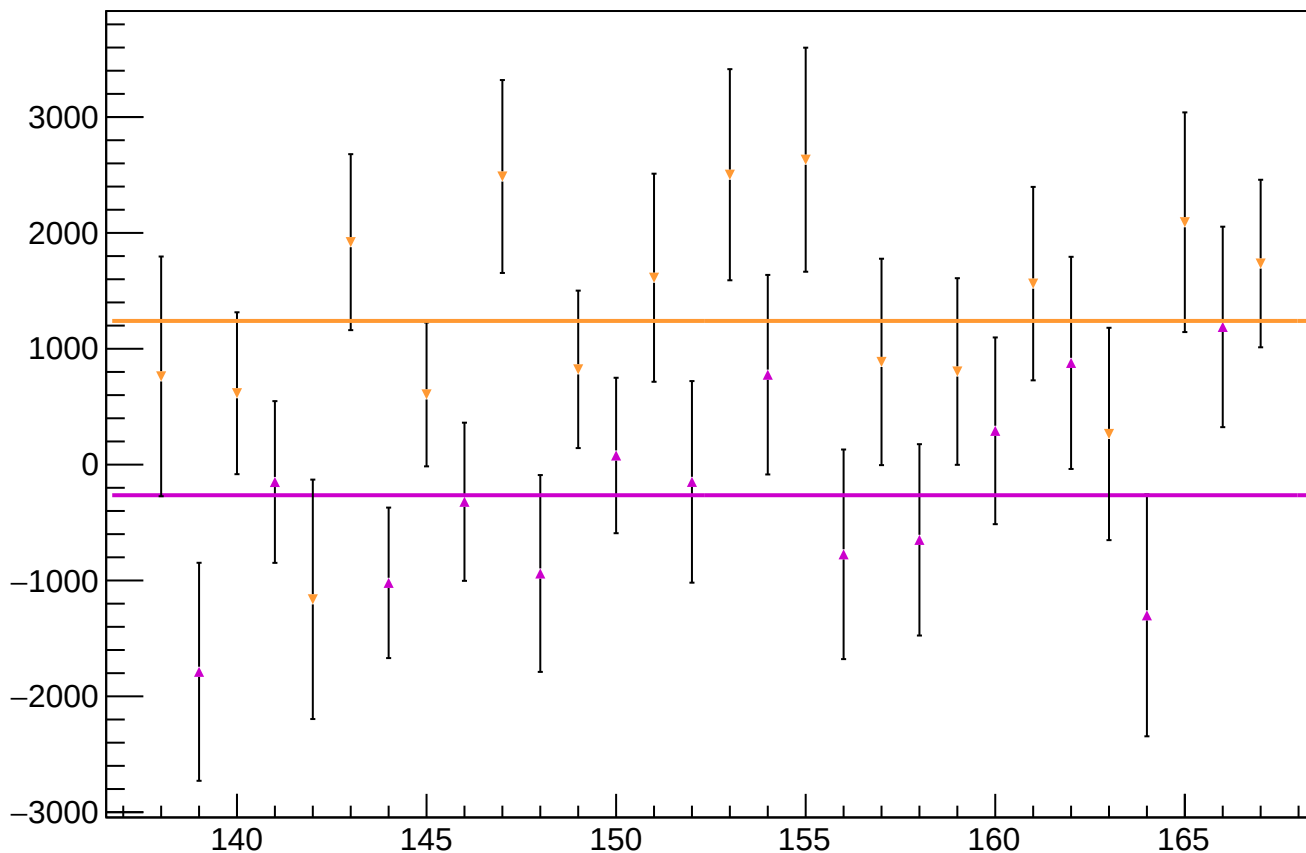
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.643+/-0.154 χ^2/NDF :265032.2/13

Out: 707.820+/-0.146 χ^2/NDF :452159.3/15

All: 710.578+/-0.106 χ^2/NDF : 717947.4/29

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: -264.090+/-214.916 χ^2/NDF :12.8/13

Left: 524.000+/-148.299 χ^2/NDF : 56.5/29

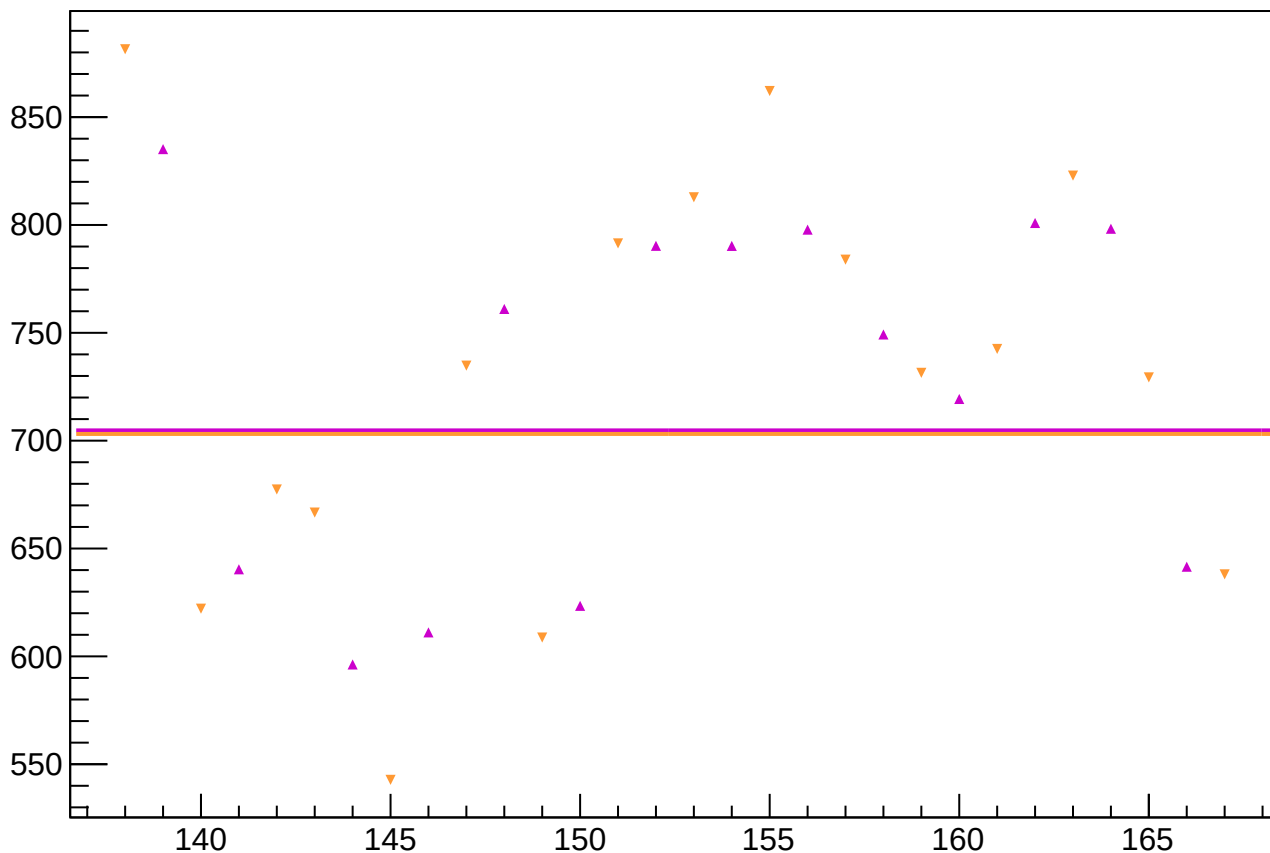
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -264.090+/-214.916 χ^2/NDF :12.8/13

Out: 1240.303+/-204.894 χ^2/NDF :18.1/15

All: 524.000+/-148.299 χ^2/NDF : 56.5/29

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: 704.765+/-0.152 χ^2/NDF :302569.5/13

Left: 703.904+/-0.105 χ^2/NDF : 747305.1/29

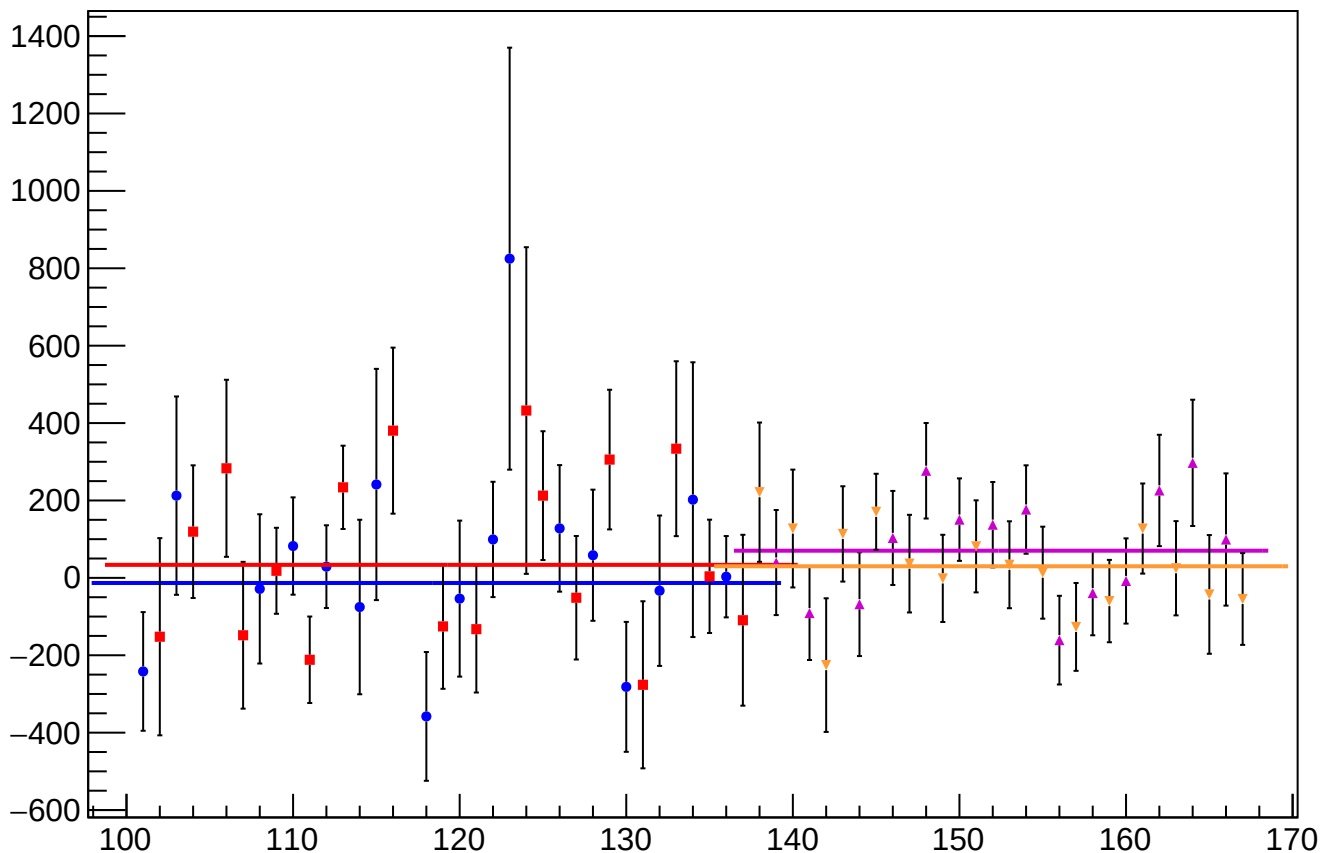
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.765+/-0.152 χ^2/NDF :302569.5/13

Out: 703.120+/-0.145 χ^2/NDF :444674.2/15

All: 703.904+/-0.105 χ^2/NDF : 747305.1/29

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 29.991 ± 30.715 $\chi^2/\text{NDF}: 10.6/15$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 70.215 ± 32.956 $\chi^2/\text{NDF}: 16.3/13$

Left: 48.689 ± 22.469 $\chi^2/\text{NDF}: 27.7/29$

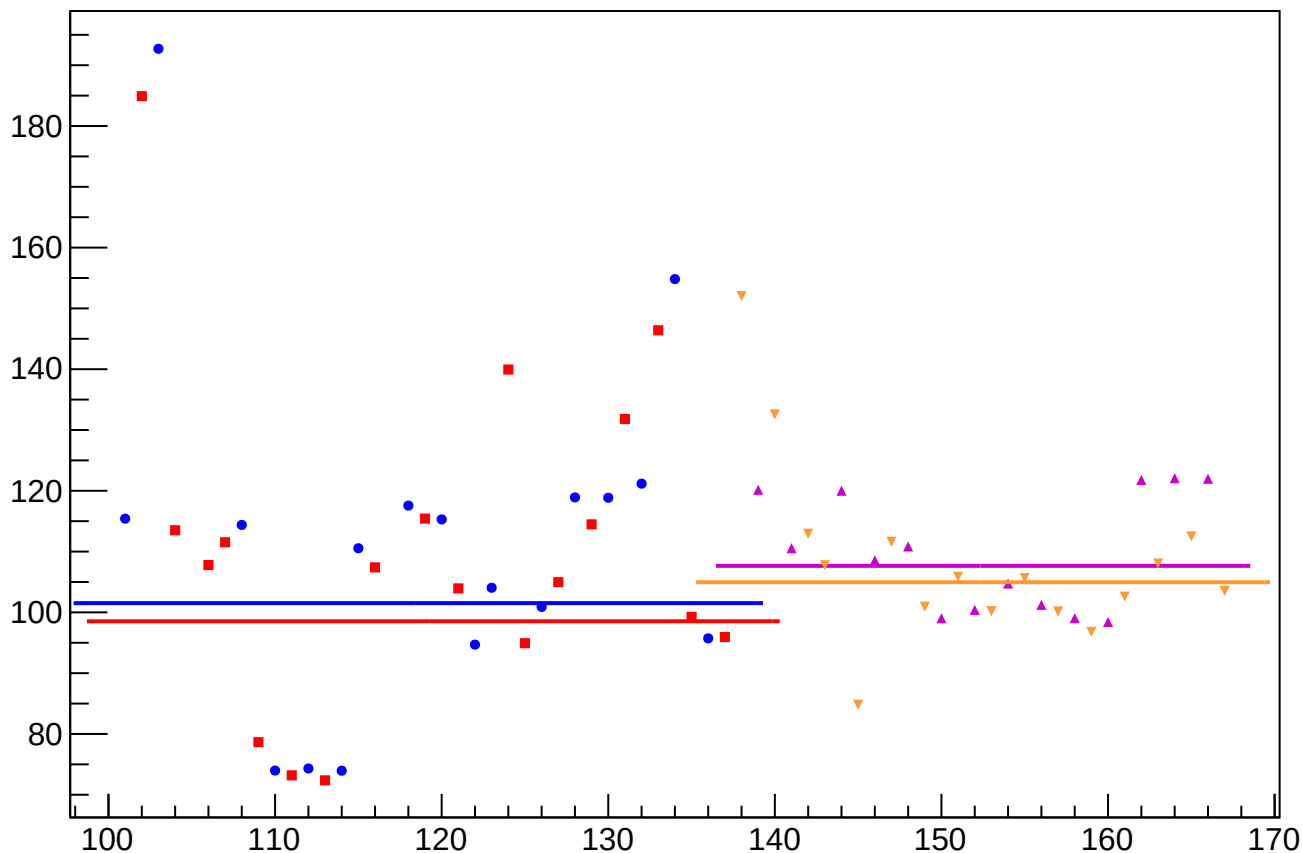
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 37.032 ± 25.576 $\chi^2/\text{NDF}: 34.5/30$

Out: 31.391 ± 24.104 $\chi^2/\text{NDF}: 35.3/33$

All: 34.045 ± 17.541 $\chi^2/\text{NDF}: 69.8/64$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 104.958 $\pm$ 0.022 χ^2 /NDF: 326457.5/15

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 107.655 $\pm$ 0.023 χ^2 /NDF: 141301.3/13

Left: 106.212 $\pm$ 0.016 χ^2 /NDF: 474926.1/29

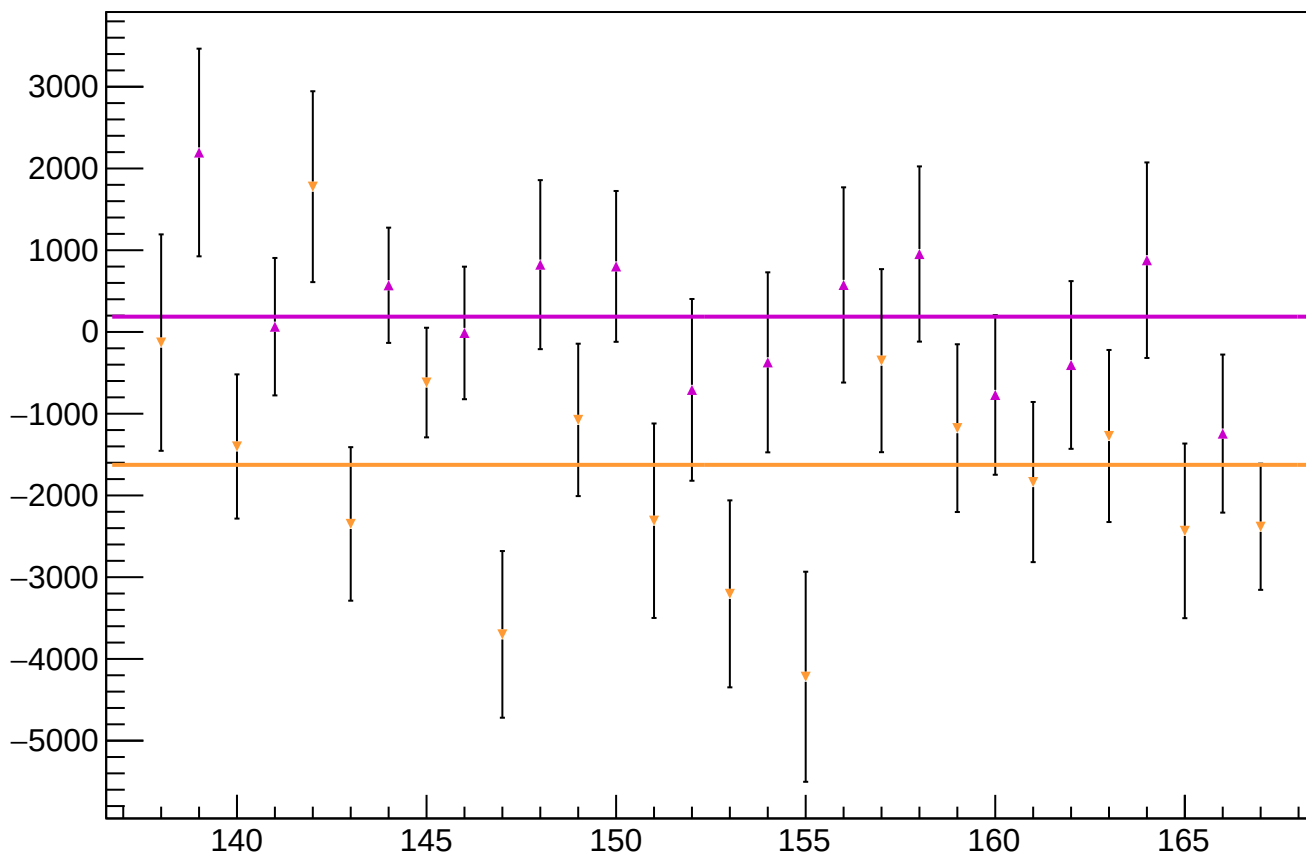
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 105.215 $\pm$ 0.018 χ^2 /NDF: 850591.9/30

Out: 102.492 $\pm$ 0.017 χ^2 /NDF: 1107021.3/33

All: 103.773 $\pm$ 0.012 χ^2 /NDF: 1969620.4/64

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1625.686 $\pm$ 247.071 χ^2 /NDF:26.7/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 187.176 $\pm$ 261.264 χ^2 /NDF:9.0/13

Left: -769.834 $\pm$ 179.513 χ^2 /NDF: 61.1/29

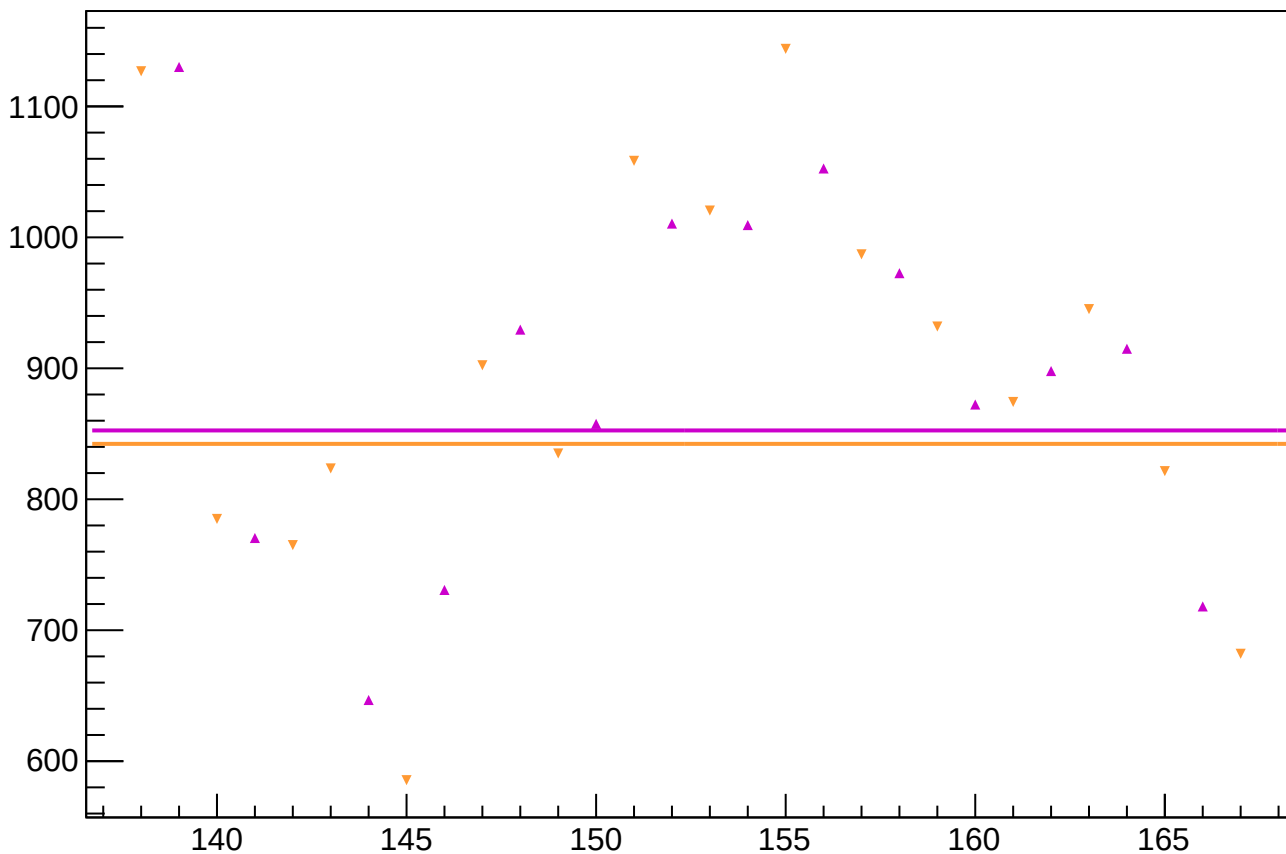
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 187.176 $\pm$ 261.264 χ^2 /NDF:9.0/13

Out: -1625.686 $\pm$ 247.071 χ^2 /NDF:26.7/15

All: -769.834 $\pm$ 179.513 χ^2 /NDF: 61.1/29

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 842.301+/-0.175 χ^2/NDF : 792435.3/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 852.561+/-0.185 χ^2/NDF : 552350.3/13

Left: 847.145+/-0.127 χ^2/NDF : 1346413.8/29

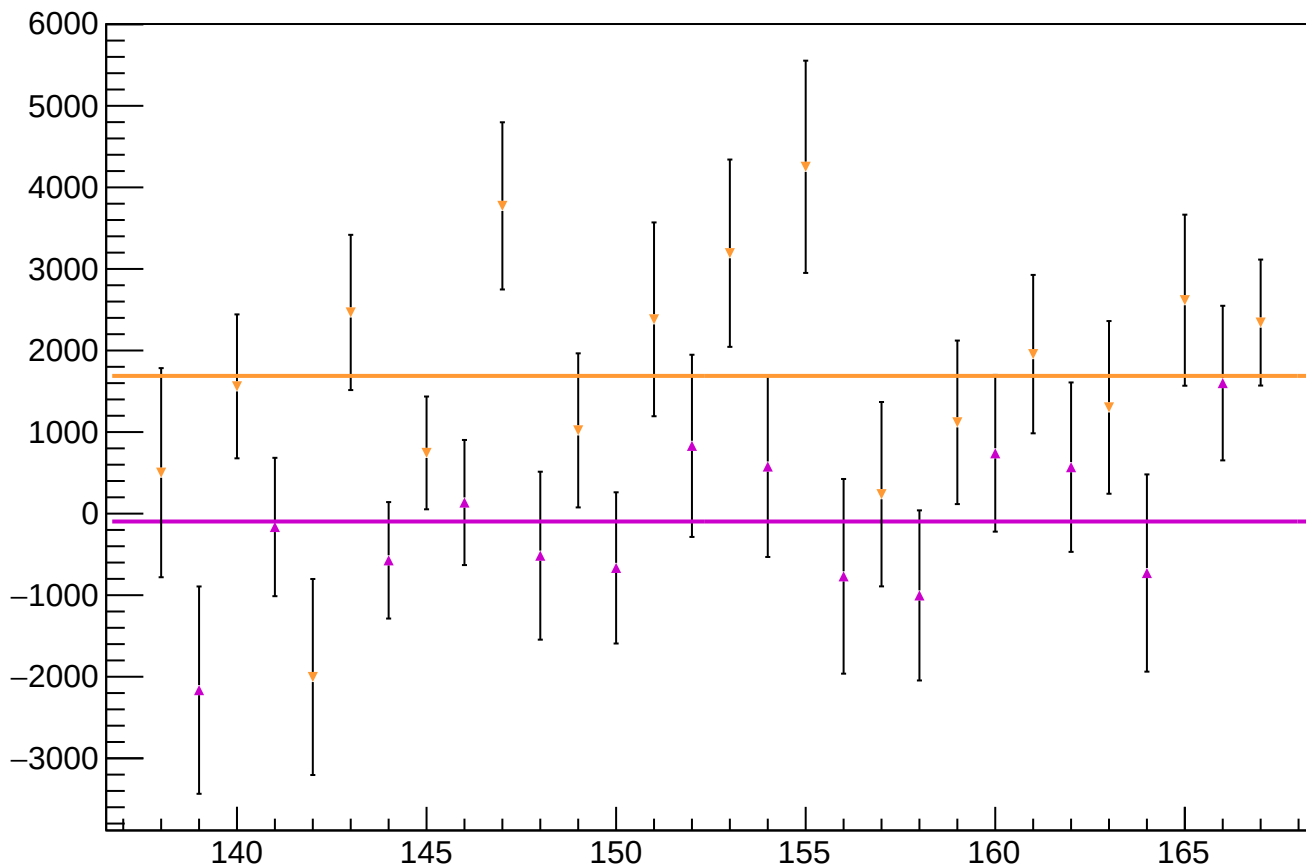
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 852.561+/-0.185 χ^2/NDF : 552350.3/13

Out: 842.301+/-0.175 χ^2/NDF : 792435.3/15

All: 847.145+/-0.127 χ^2/NDF : 1346413.8/29

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: -96.653+/-259.754 χ^2/NDF :10.5/13

Left: 836.406+/-179.468 χ^2/NDF : 62.3/29

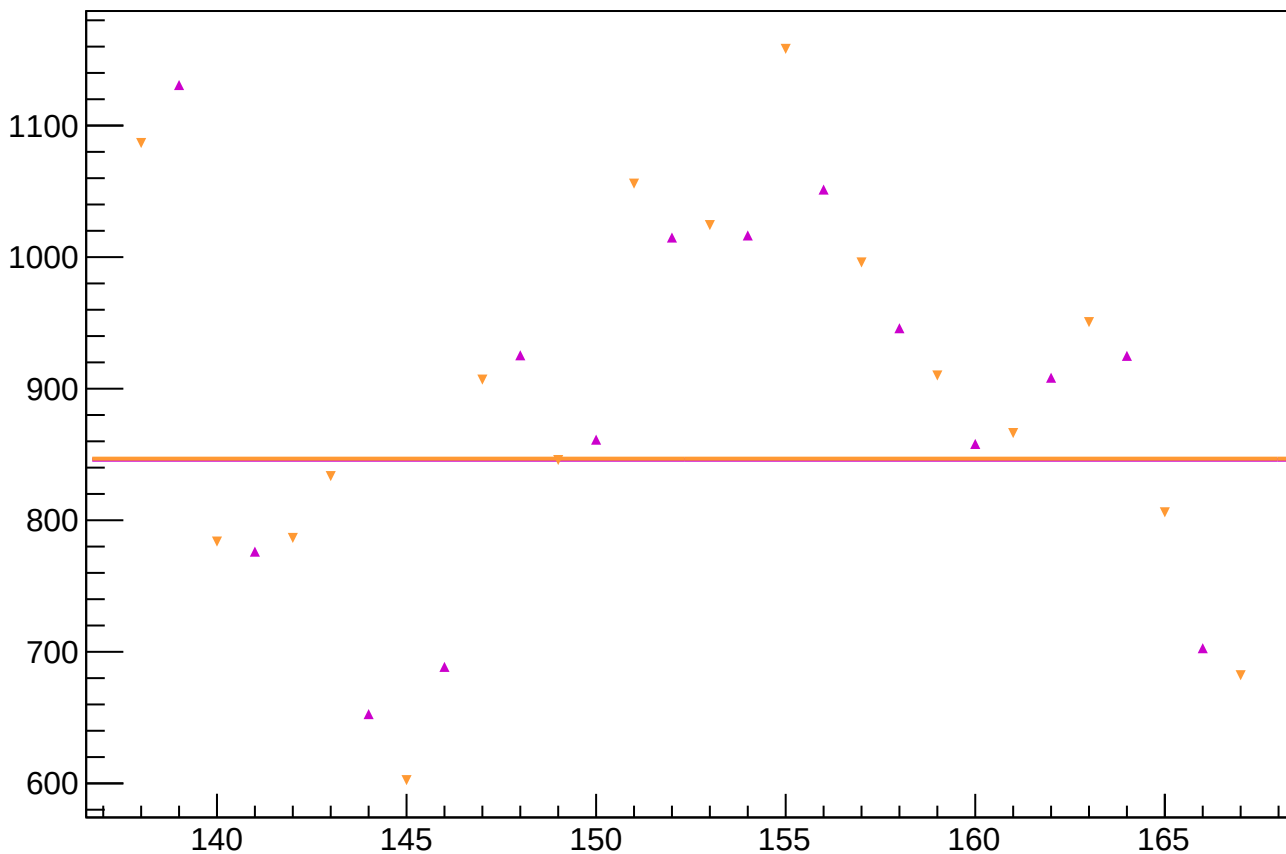
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -96.653+/-259.754 χ^2/NDF :10.5/13

Out: 1688.633+/-248.248 χ^2/NDF :27.1/15

All: 836.406+/-179.468 χ^2/NDF : 62.3/29

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: 846.025+/-0.184 χ^2/NDF : 589607.0/13

Left: 846.441+/-0.127 χ^2/NDF : 1312849.3/29

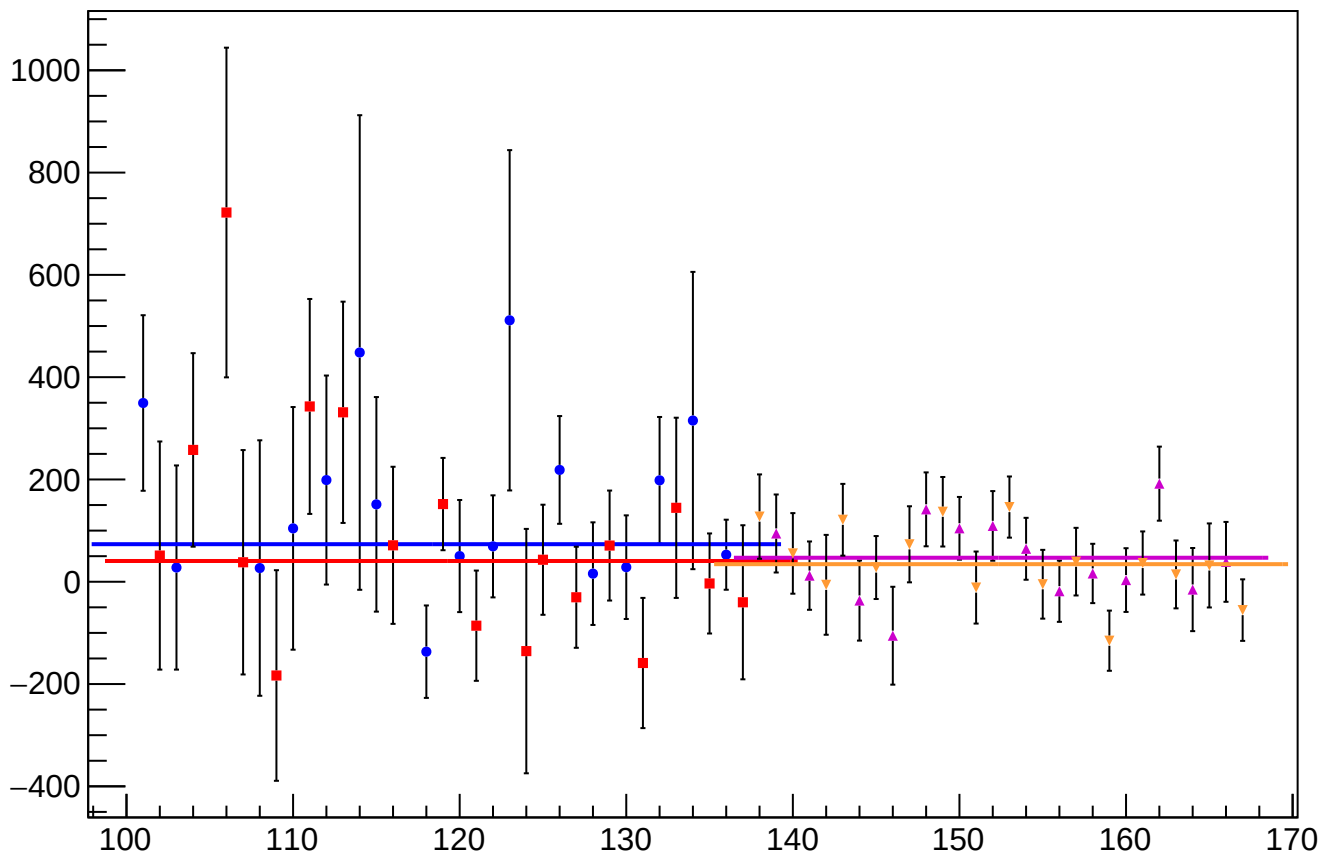
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 846.025+/-0.184 χ^2/NDF : 589607.0/13

Out: 846.820+/-0.176 χ^2/NDF : 723232.5/15

All: 846.441+/-0.127 χ^2/NDF : 1312849.3/29

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 34.385 $\pm$ 17.121 χ^2 /NDF:18.7/15

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 46.937 $\pm$ 18.398 χ^2 /NDF:14.4/13

Left: 40.210 $\pm$ 12.533 χ^2 /NDF: 33.3/29

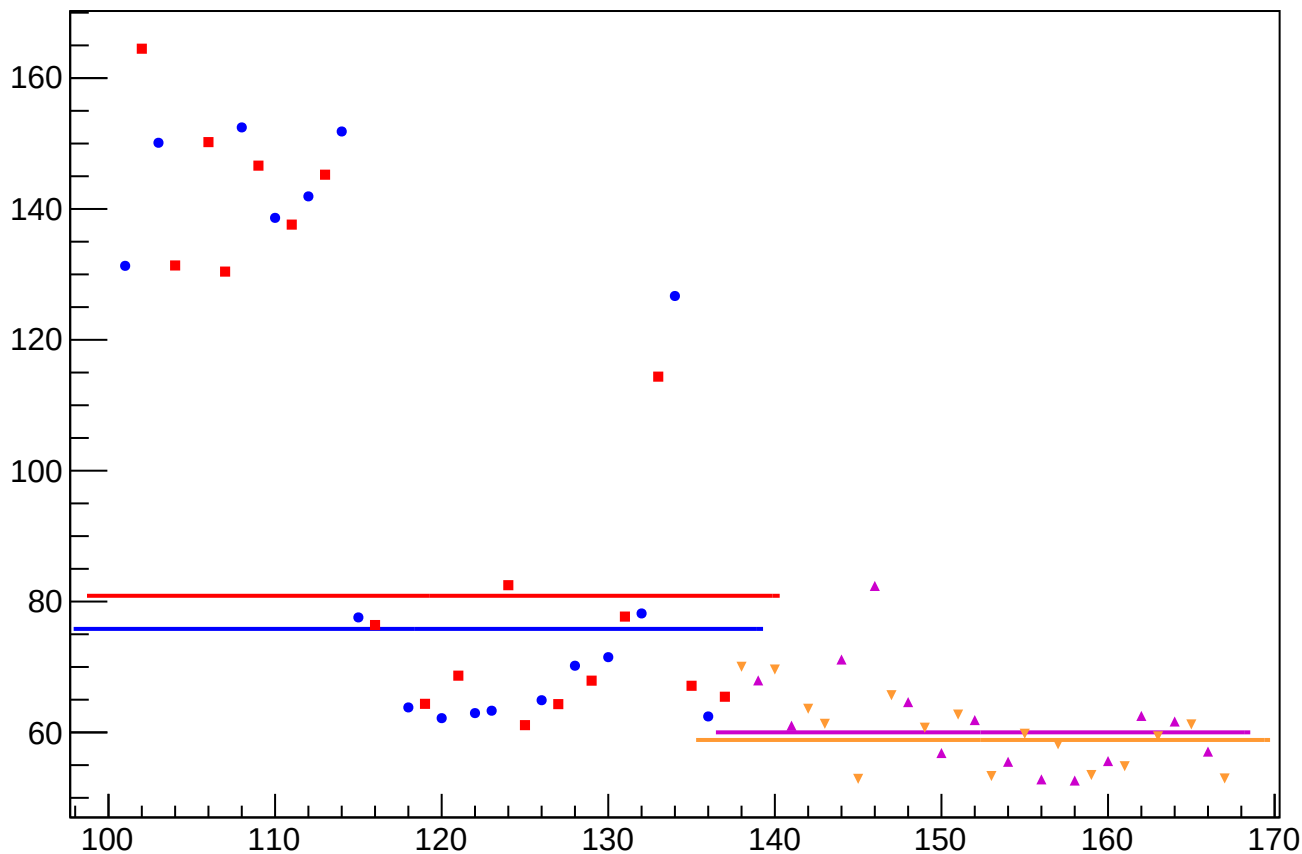
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 53.823 $\pm$ 15.830 χ^2 /NDF:30.2/30

Out: 35.718 $\pm$ 15.172 χ^2 /NDF:36.9/33

All: 44.386 $\pm$ 10.953 χ^2 /NDF: 67.8/64

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: 80.881+/-0.023 χ^2/NDF : 1526044.5/17

Left In: 60.010+/-0.013 χ^2/NDF :274991.2/13

Left: 59.386+/-0.009 χ^2/NDF : 467421.1/29

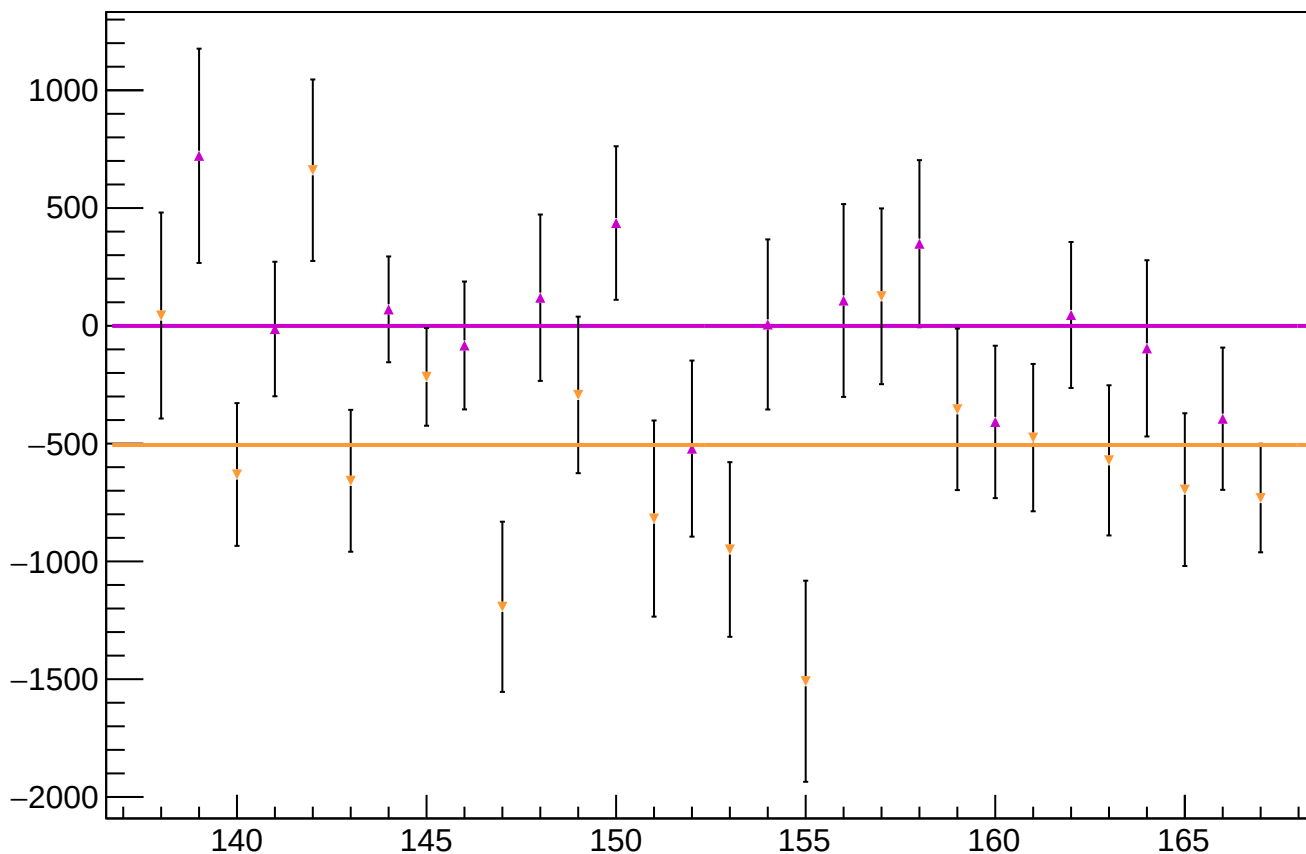
Right: 78.217+/-0.016 χ^2/NDF : 2901160.0/34

In: 64.116+/-0.011 χ^2/NDF :2008537.6/30

Out: 63.576+/-0.011 χ^2/NDF :2425463.8/33

All: 63.835+/-0.008 χ^2/NDF : 4435213.4/64

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: -0.391+/-86.142 χ^2/NDF :11.0/13

Left: -271.964+/-58.597 χ^2/NDF : 58.5/29

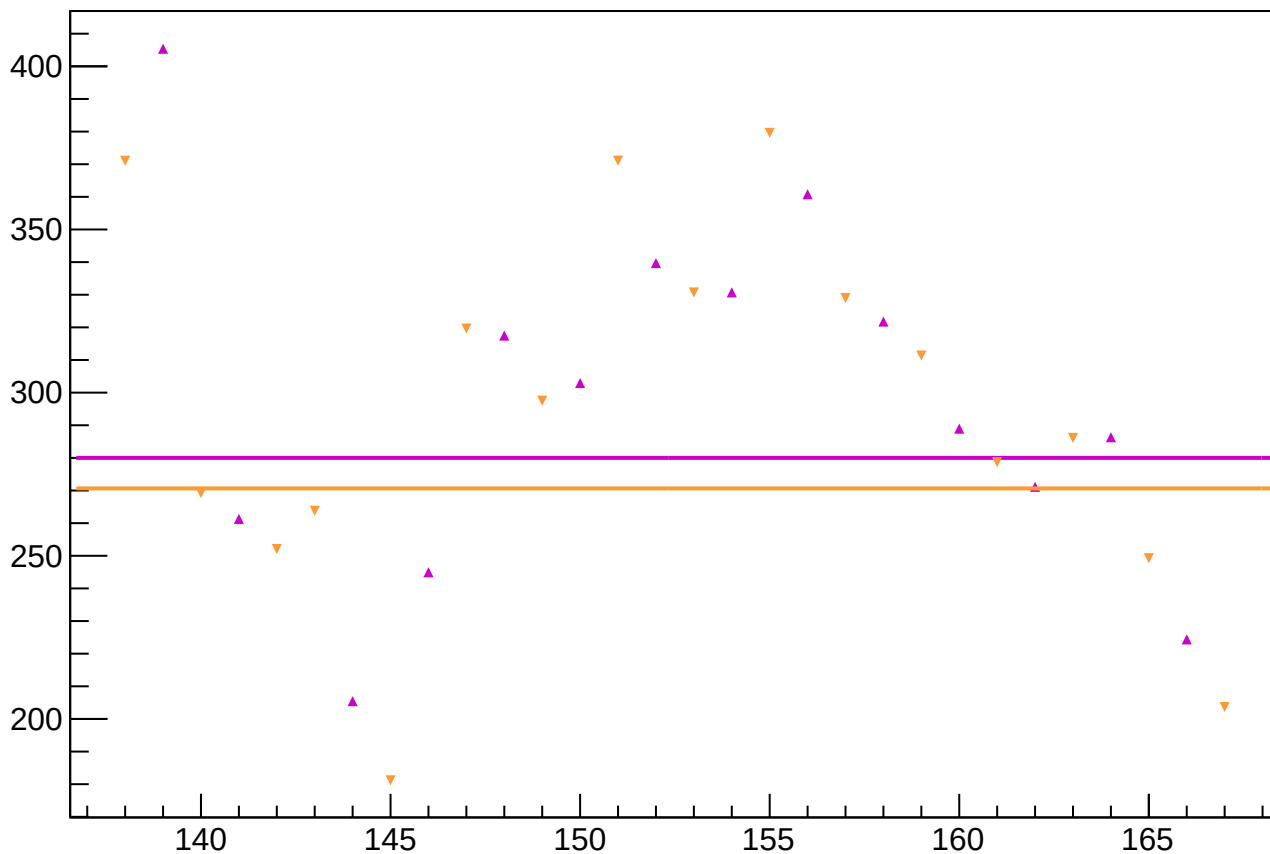
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.391+/-86.142 χ^2/NDF :11.0/13

Out: -505.849+/-79.942 χ^2/NDF :29.1/15

All: -271.964+/-58.597 χ^2/NDF : 58.5/29

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: 280.003+/-0.061 χ^2/NDF :714640.4/13

Left: 274.977+/-0.041 χ^2/NDF : 1820001.7/29

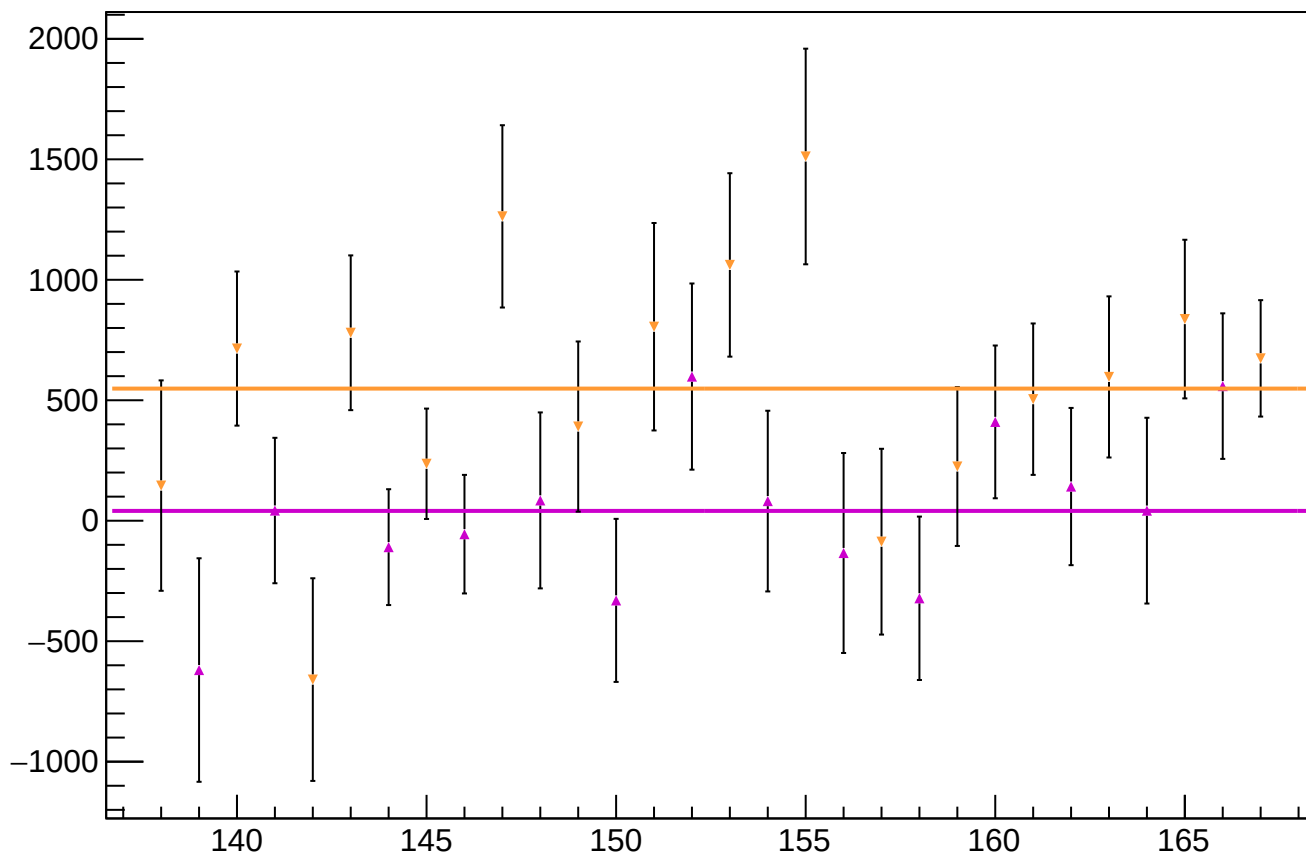
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 280.003+/-0.061 χ^2/NDF :714640.4/13

Out: 270.648+/-0.057 χ^2/NDF :1092688.6/15

All: 274.977+/-0.041 χ^2/NDF : 1820001.7/29

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: 40.770+/-87.362 χ^2/NDF :11.6/13

Left: 305.769+/-60.401 χ^2/NDF : 56.3/29

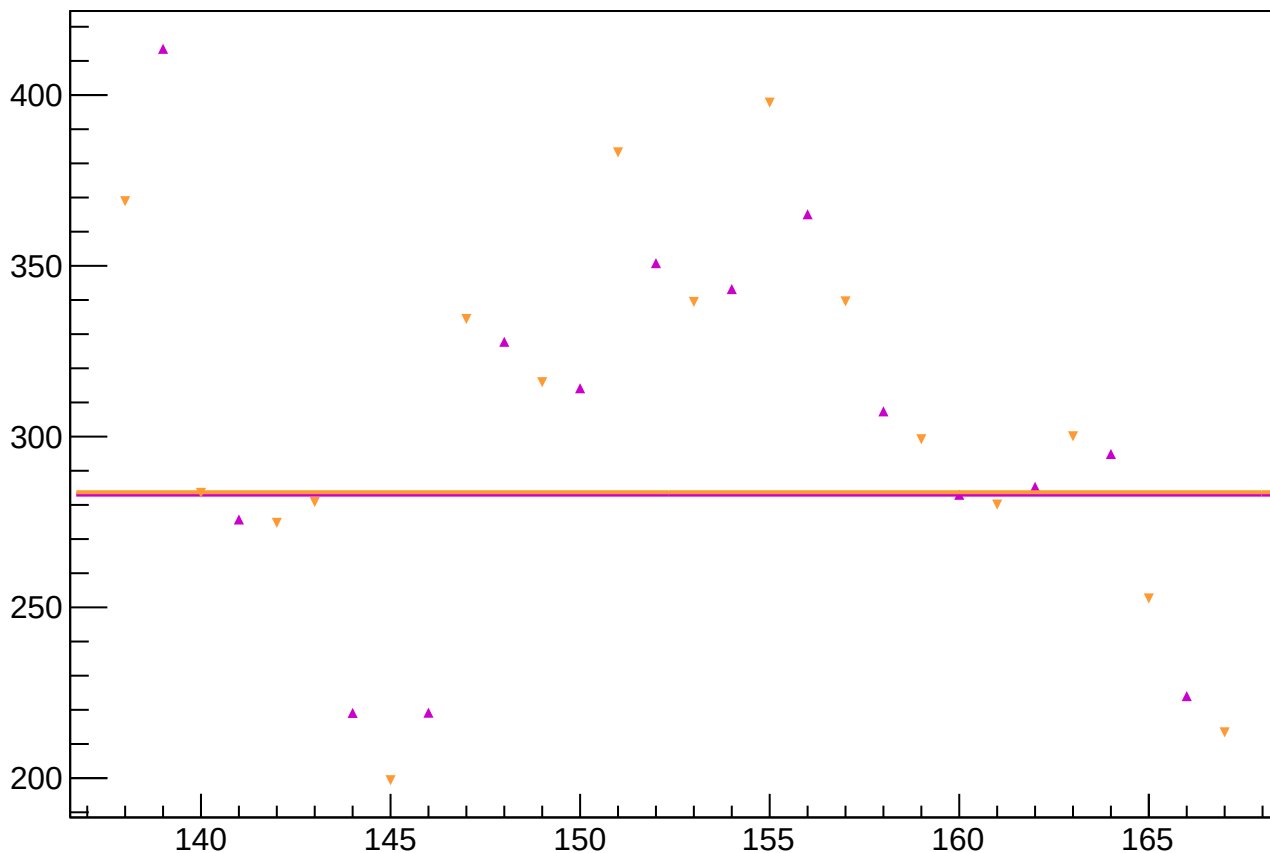
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.770+/-87.362 χ^2/NDF :11.6/13

Out: 548.450+/-83.603 χ^2/NDF :27.1/15

All: 305.769+/-60.401 χ^2/NDF : 56.3/29

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: 283.011+/-0.062 χ^2/NDF :762535.5/13

Left: 283.377+/-0.043 χ^2/NDF : 1681798.2/29

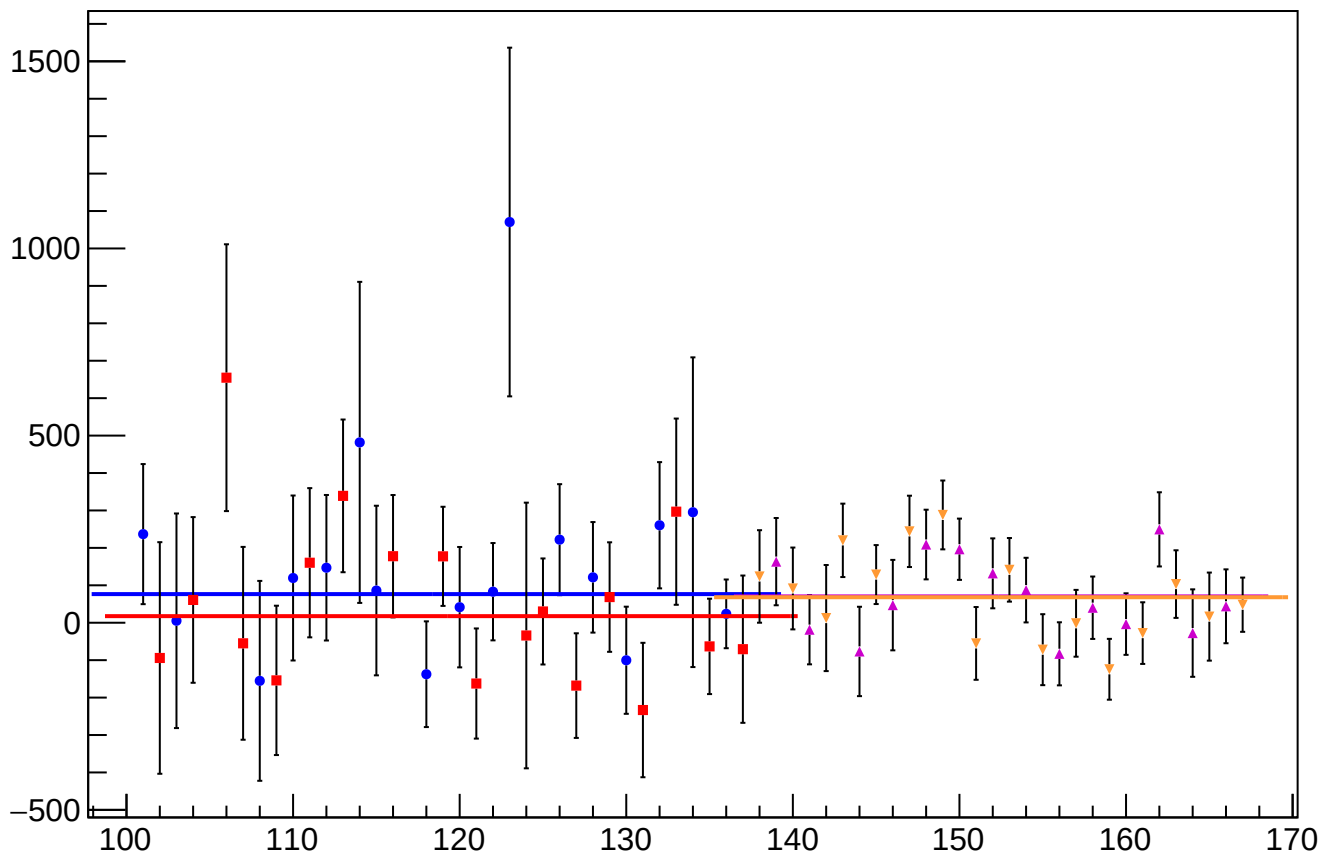
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 283.011+/-0.062 χ^2/NDF :762535.5/13

Out: 283.712+/-0.059 χ^2/NDF :919195.6/15

All: 283.377+/-0.043 χ^2/NDF : 1681798.2/29

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 68.150 $\pm$ 23.203 χ^2 /NDF:25.1/15

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 70.428 $\pm$ 25.377 χ^2 /NDF:16.5/13

Left: 69.187 $\pm$ 17.124 χ^2 /NDF: 41.5/29

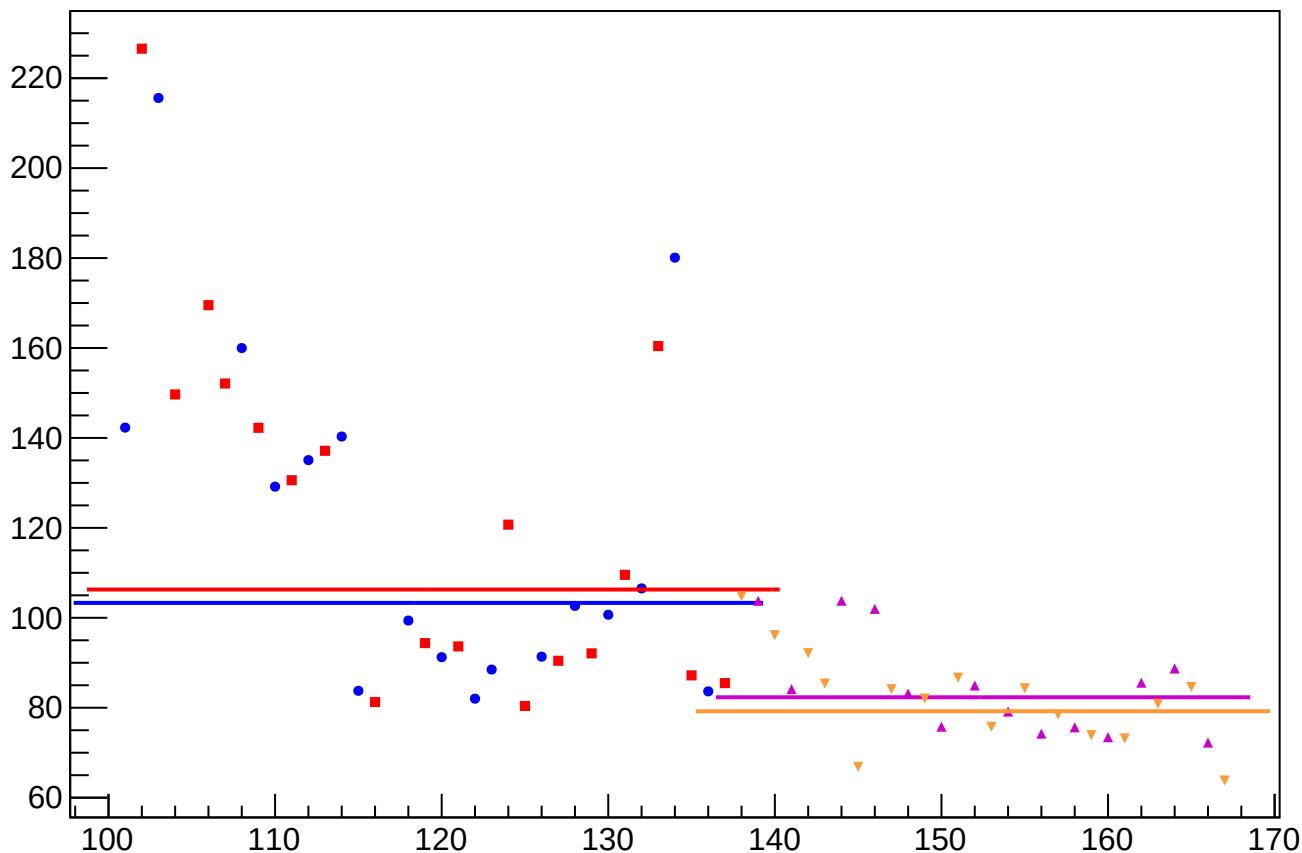
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 72.078 $\pm$ 21.658 χ^2 /NDF:30.4/30

Out: 56.458 $\pm$ 20.343 χ^2 /NDF:43.0/33

All: 63.779 $\pm$ 14.828 χ^2 /NDF: 73.6/64

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 79.224 $\pm$ 0.016 χ^2 /NDF: 350309.6/15

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 82.324 $\pm$ 0.018 χ^2 /NDF: 286916.5/13

Left: 80.636 $\pm$ 0.012 χ^2 /NDF: 653481.8/29

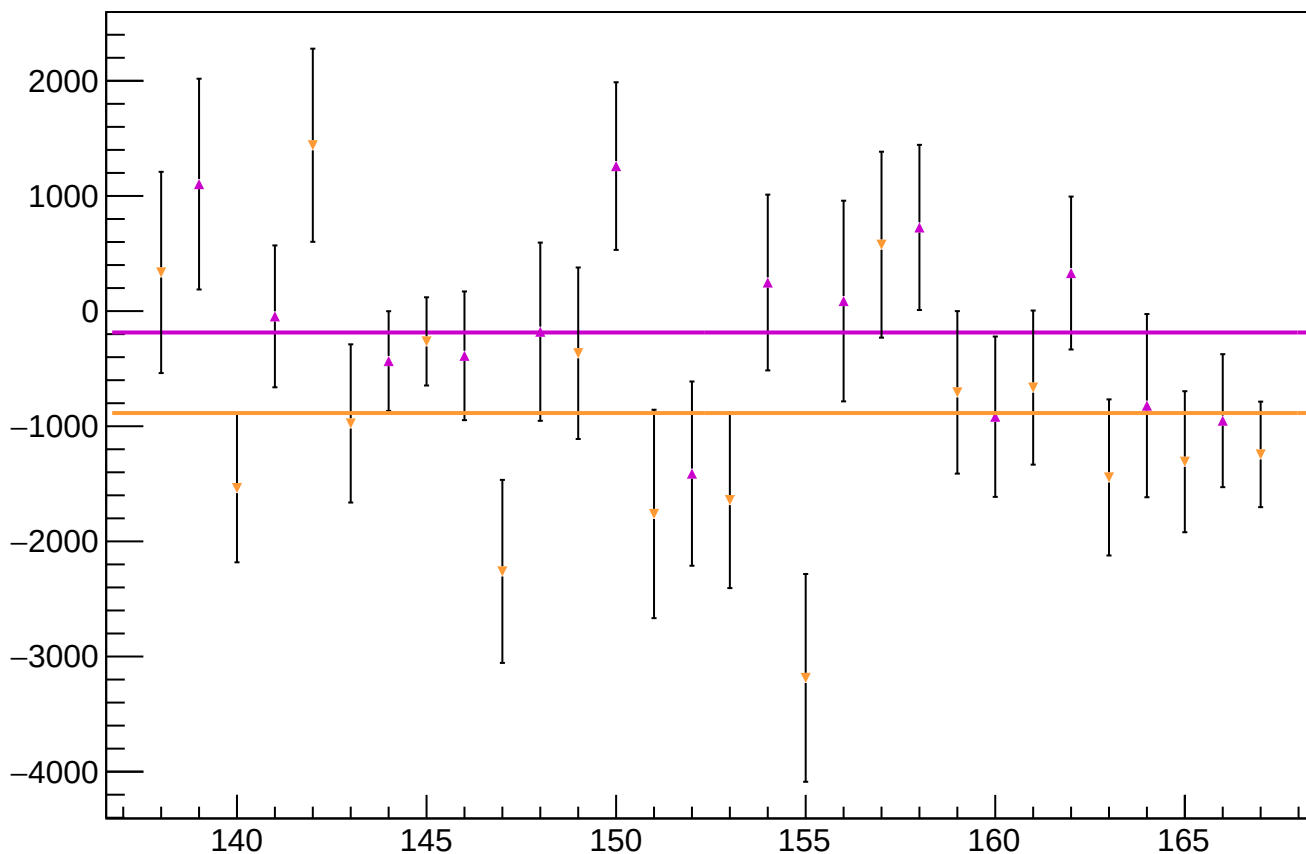
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 88.026 $\pm$ 0.015 χ^2 /NDF: 1496474.1/30

Out: 85.485 $\pm$ 0.014 χ^2 /NDF: 1980446.9/33

All: 86.676 $\pm$ 0.010 χ^2 /NDF: 3491551.3/64

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: -185.749+/-178.563 χ^2/NDF :14.9/13

Left: -564.369+/-120.954 χ^2/NDF : 53.7/29

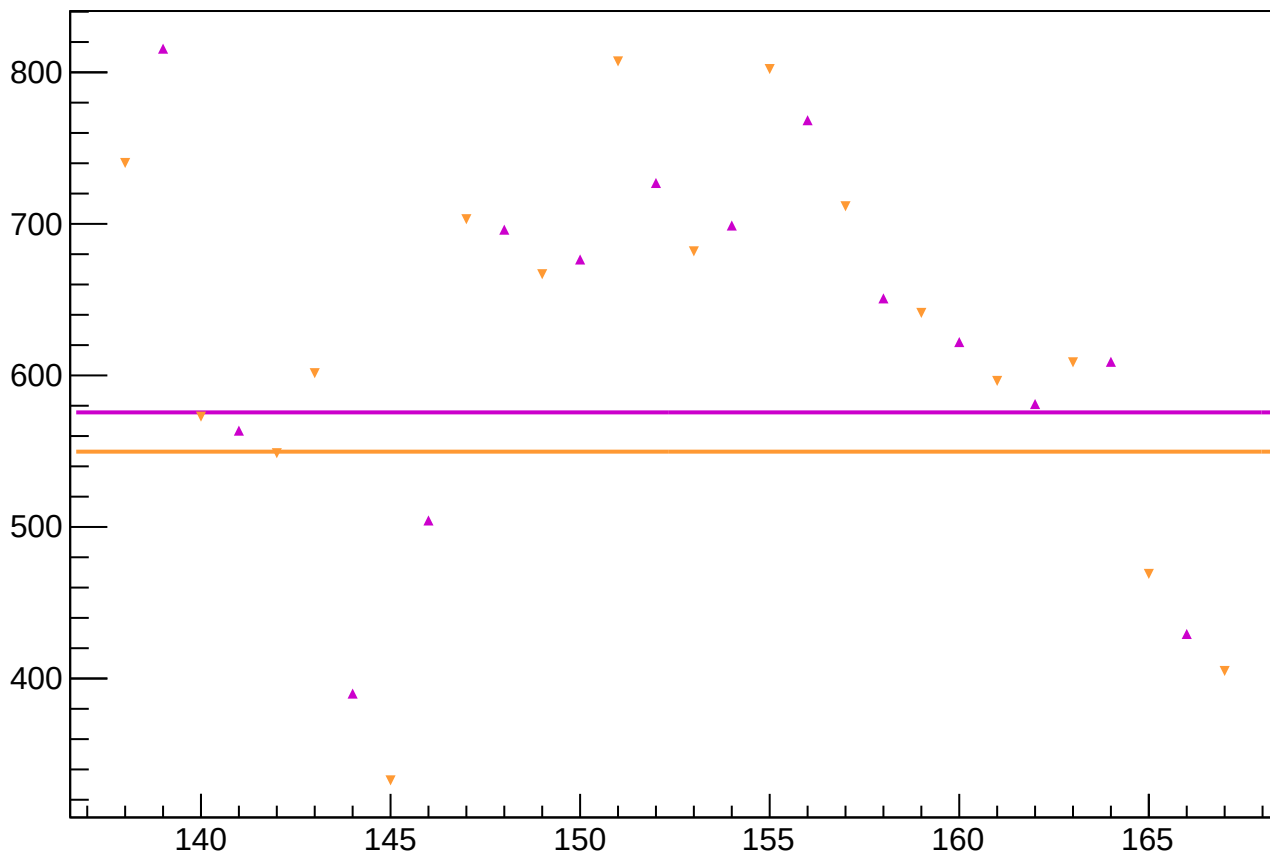
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -185.749+/-178.563 χ^2/NDF :14.9/13

Out: -885.387+/-164.420 χ^2/NDF :30.4/15

All: -564.369+/-120.954 χ^2/NDF : 53.7/29

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: 575.611+/-0.126 χ^2/NDF :1009261.3/13

Left: 561.589+/-0.086 χ^2/NDF : 2657556.8/29

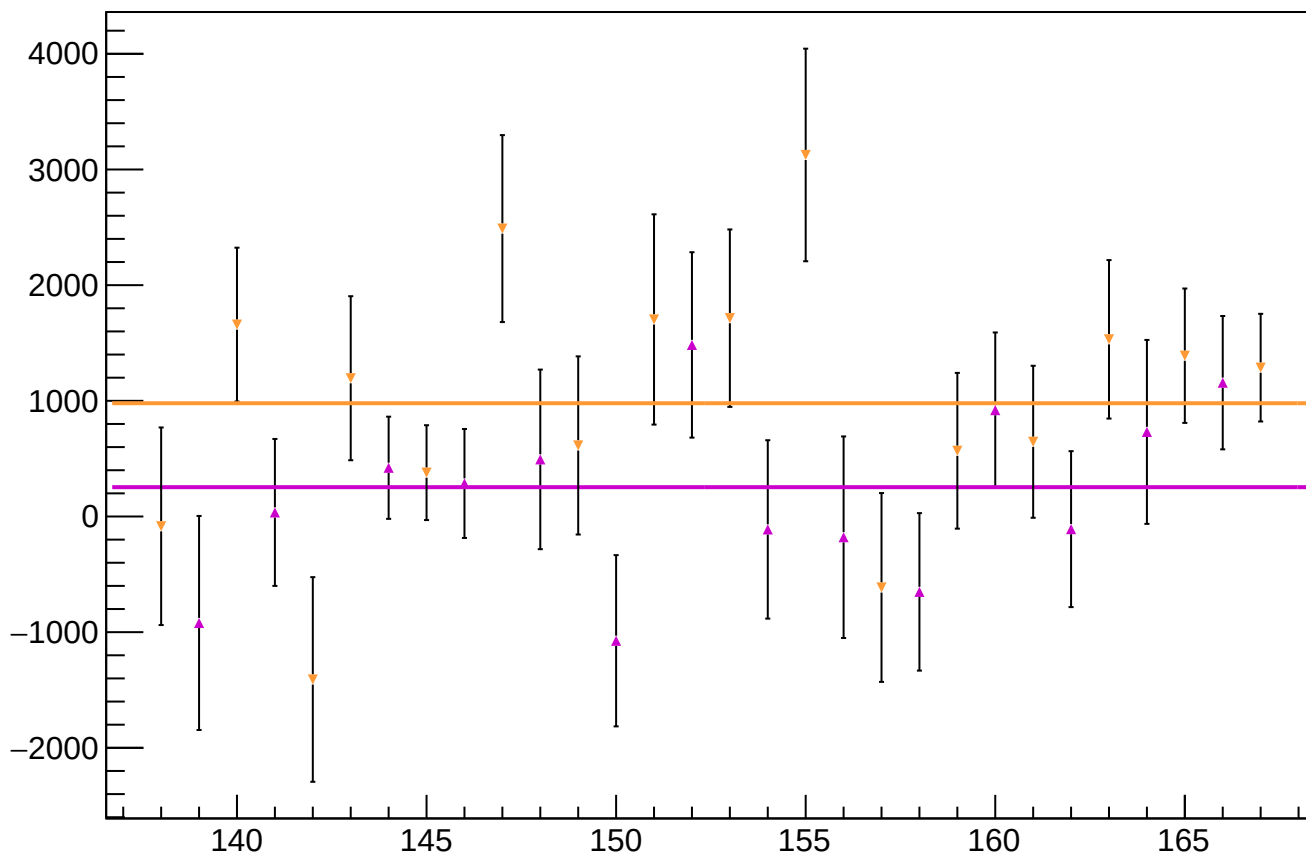
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 575.611+/-0.126 χ^2/NDF :1009261.3/13

Out: 549.700+/-0.116 χ^2/NDF :1625506.0/15

All: 561.589+/-0.086 χ^2/NDF : 2657556.8/29

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: 253.435+/-175.455 χ^2/NDF : 13.9/13

Left: 634.373+/-120.934 χ^2/NDF : 51.7/29

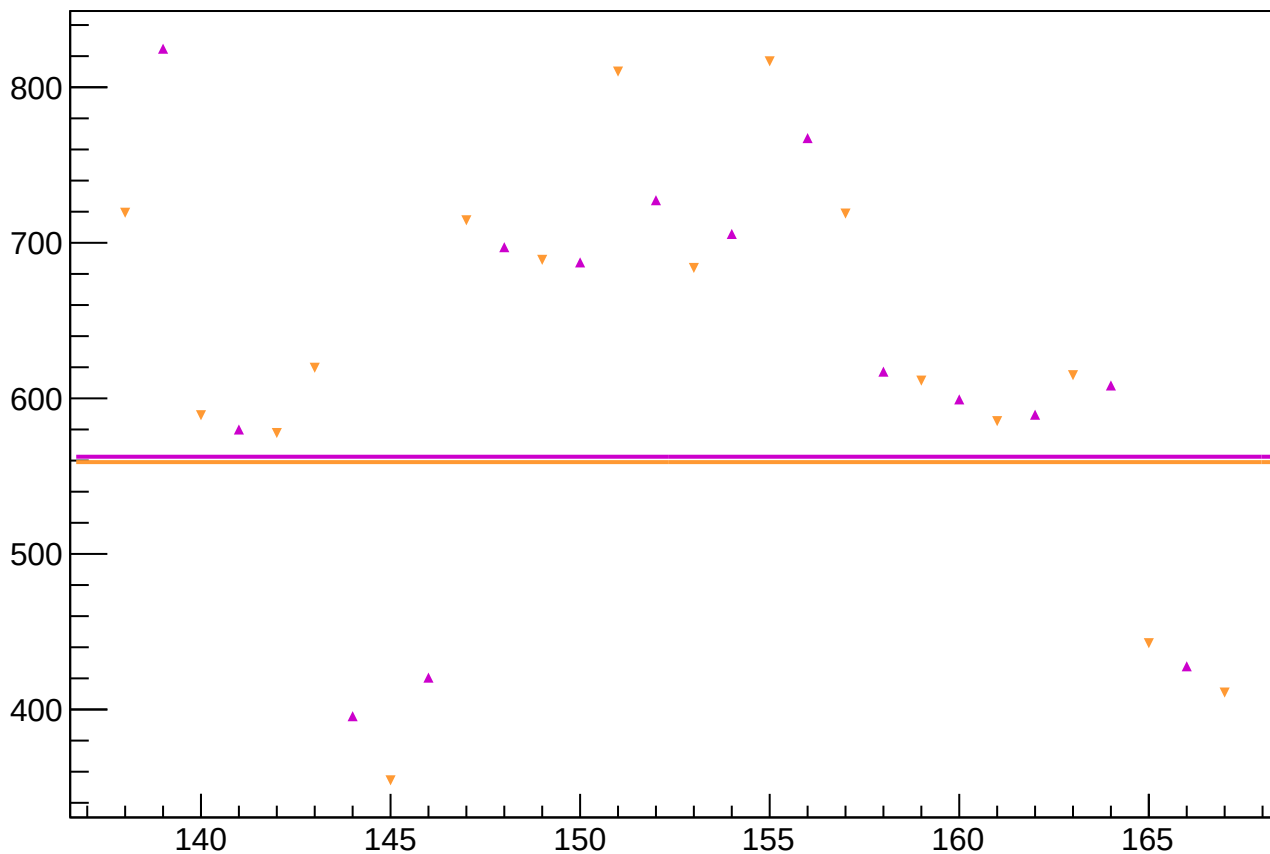
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.435+/-175.455 χ^2/NDF : 13.9/13

Out: 979.140+/-166.917 χ^2/NDF : 28.9/15

All: 634.373+/-120.934 χ^2/NDF : 51.7/29

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: 562.486+/-0.124 χ^2/NDF :1148583.9/13

Left: 560.667+/-0.086 χ^2/NDF : 2618919.6/29

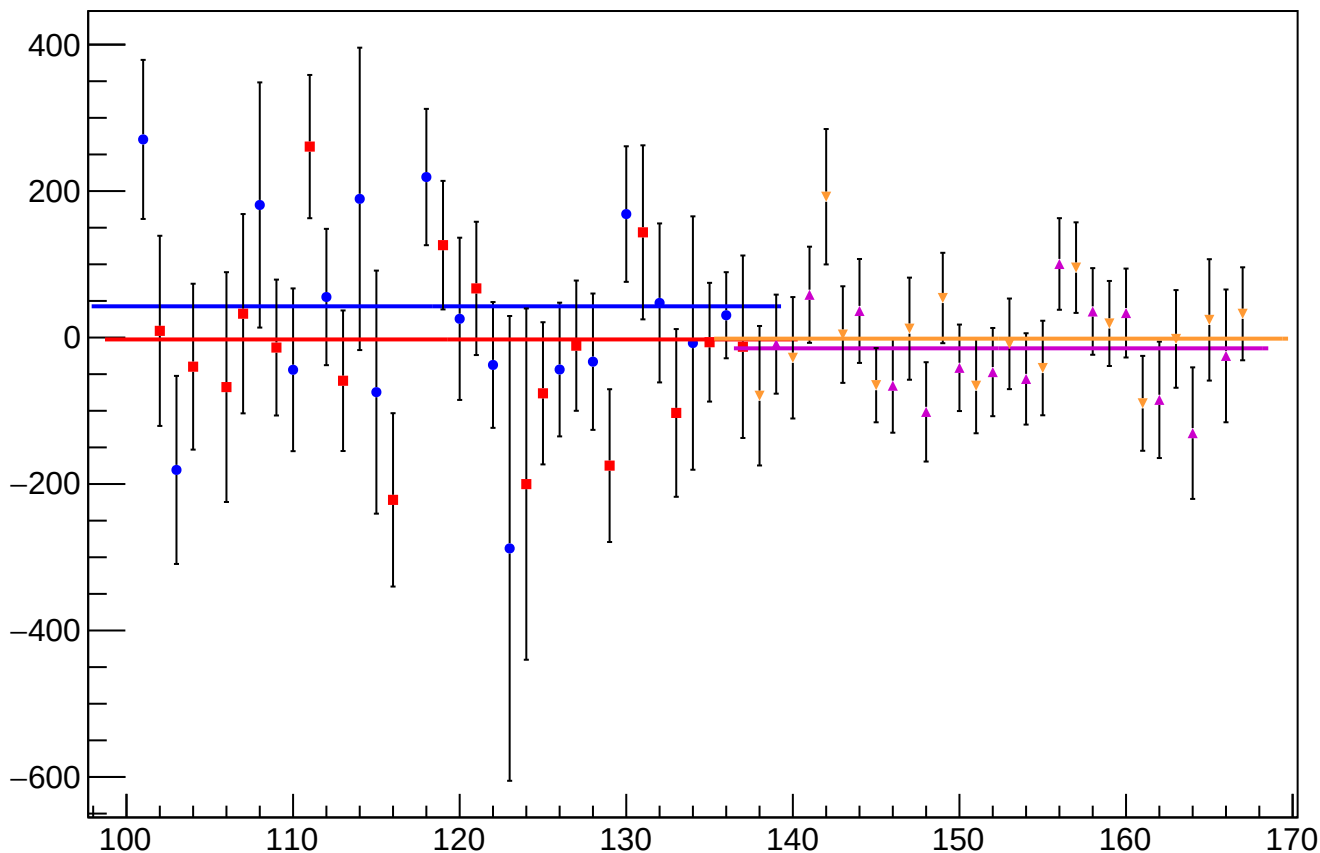
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 562.486+/-0.124 χ^2/NDF :1148583.9/13

Out: 559.021+/-0.118 χ^2/NDF :1469926.2/15

All: 560.667+/-0.086 χ^2/NDF : 2618919.6/29

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -1.502+/-16.635 χ^2/NDF :13.8/15

Right Out: -2.576+/-25.088 χ^2/NDF : 20.4/17

Left In: -14.721+/-17.829 χ^2/NDF :12.2/13

Left: -7.654+/-12.163 χ^2/NDF : 26.3/29

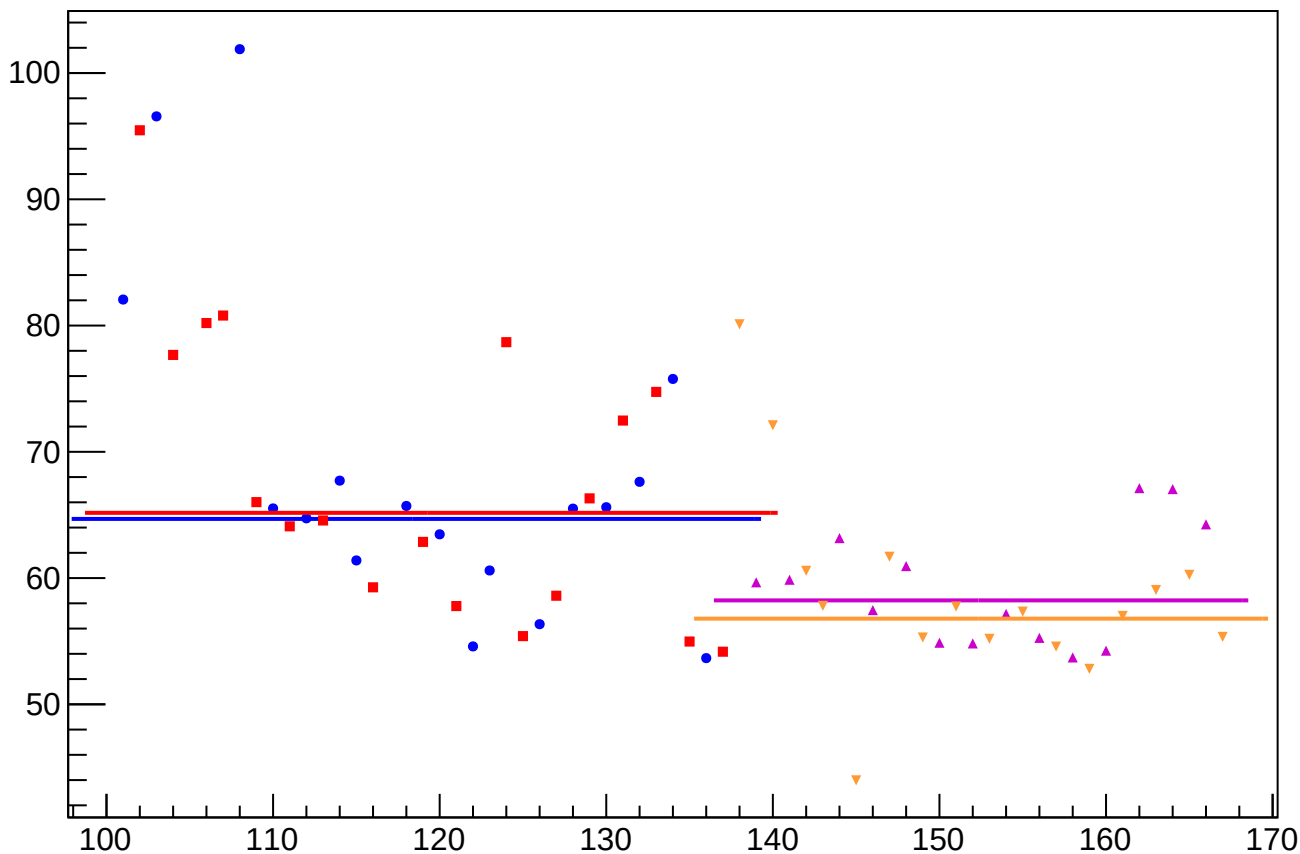
Right: 19.683+/-17.879 χ^2/NDF : 40.9/34

In: 4.131+/-14.609 χ^2/NDF :34.4/30

Out: -1.830+/-13.864 χ^2/NDF :34.2/33

All: 0.995+/-10.056 χ^2/NDF : 68.7/64

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.787 $\pm$ 0.012 χ^2 /NDF:351489.4/15

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 58.233 $\pm$ 0.013 χ^2 /NDF:106654.7/13

Left: 57.460 $\pm$ 0.009 χ^2 /NDF: 465181.6/29

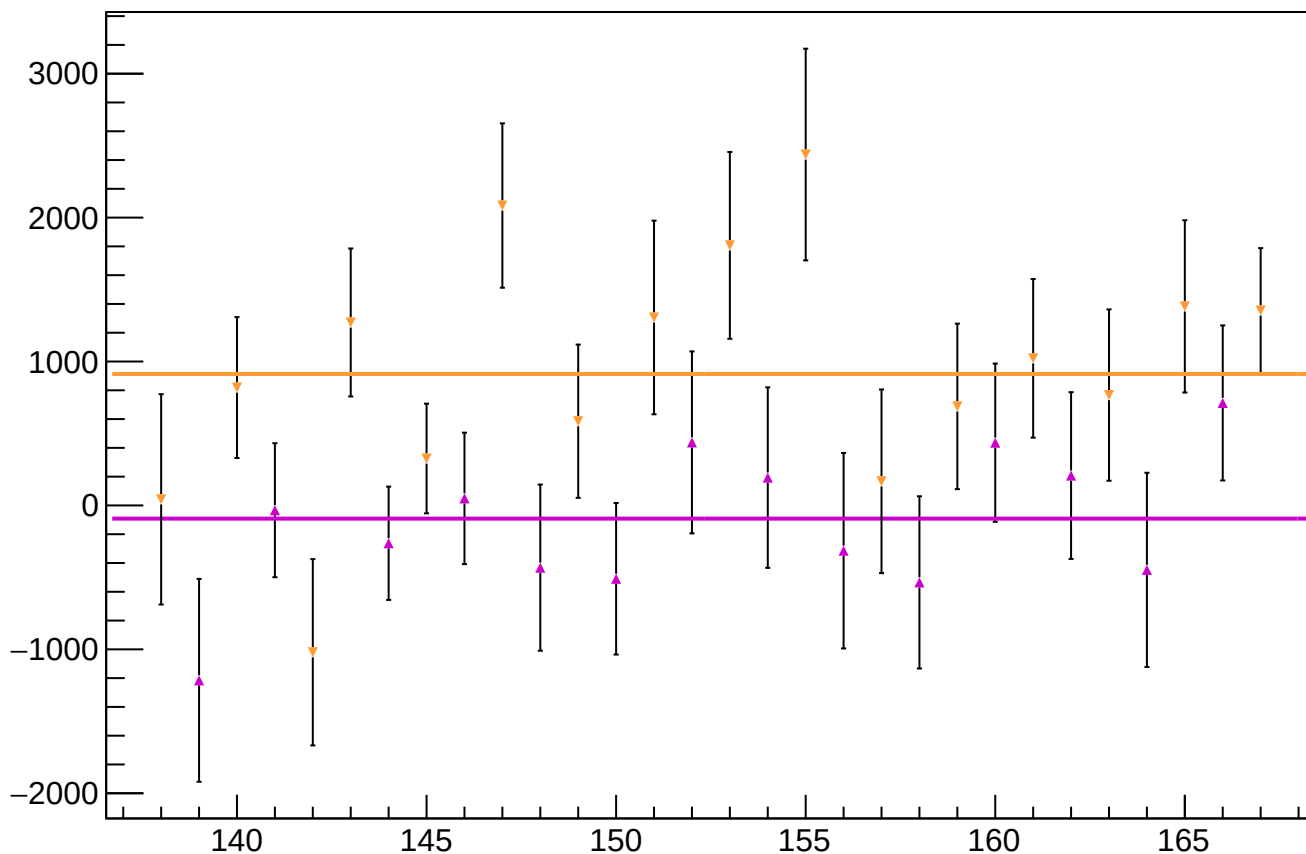
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.353 $\pm$ 0.010 χ^2 /NDF:592920.2/30

Out: 59.346 $\pm$ 0.010 χ^2 /NDF:811100.0/33

All: 59.823 $\pm$ 0.007 χ^2 /NDF: 1409022.8/64

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: -91.605+/-146.780 χ^2/NDF :9.1/13

Left: 438.563+/-100.891 χ^2/NDF : 61.4/29

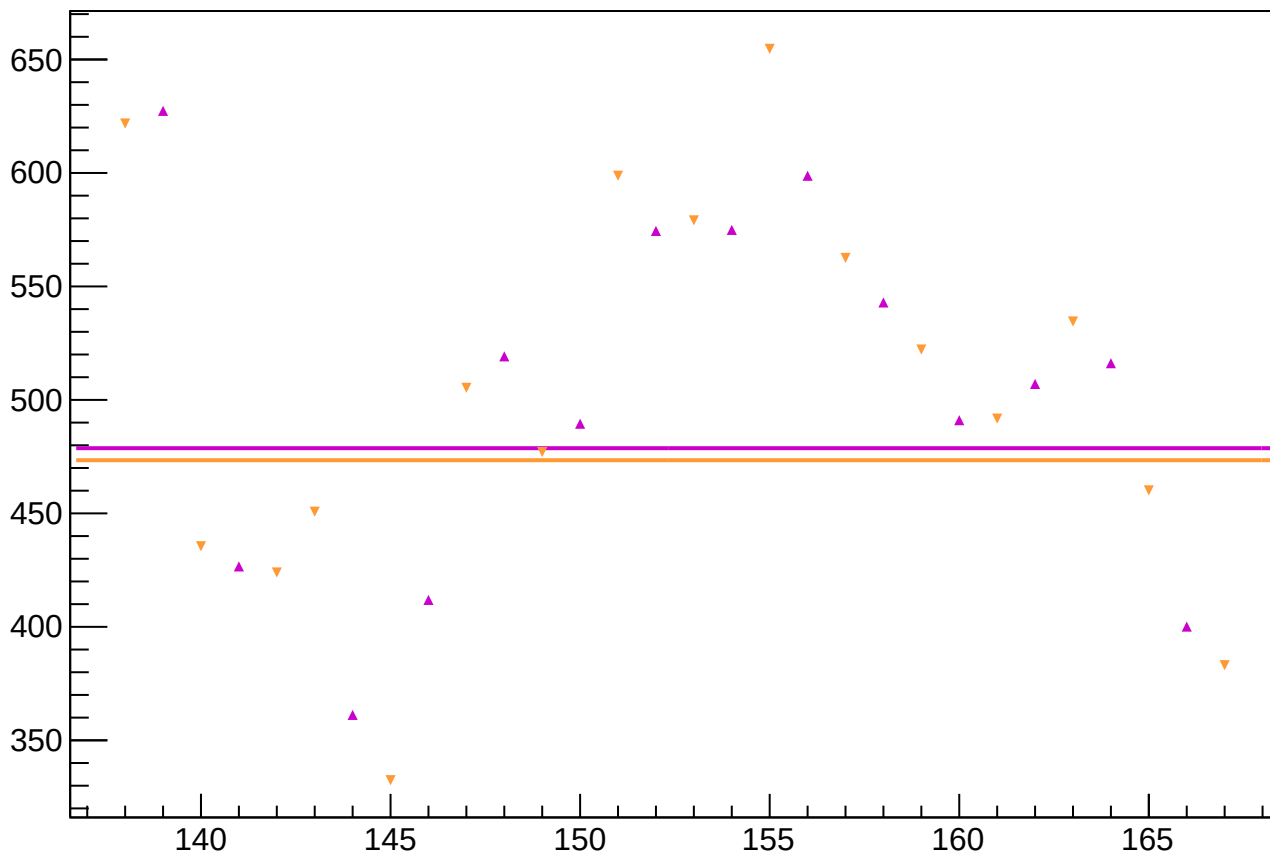
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -91.605+/-146.780 χ^2/NDF :9.1/13

Out: 913.379+/-138.907 χ^2/NDF :27.6/15

All: 438.563+/-100.891 χ^2/NDF : 61.4/29

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: 478.720+/-0.104 χ^2/NDF : 578775.5/13

Left: 475.928+/-0.071 χ^2/NDF : 1378581.3/29

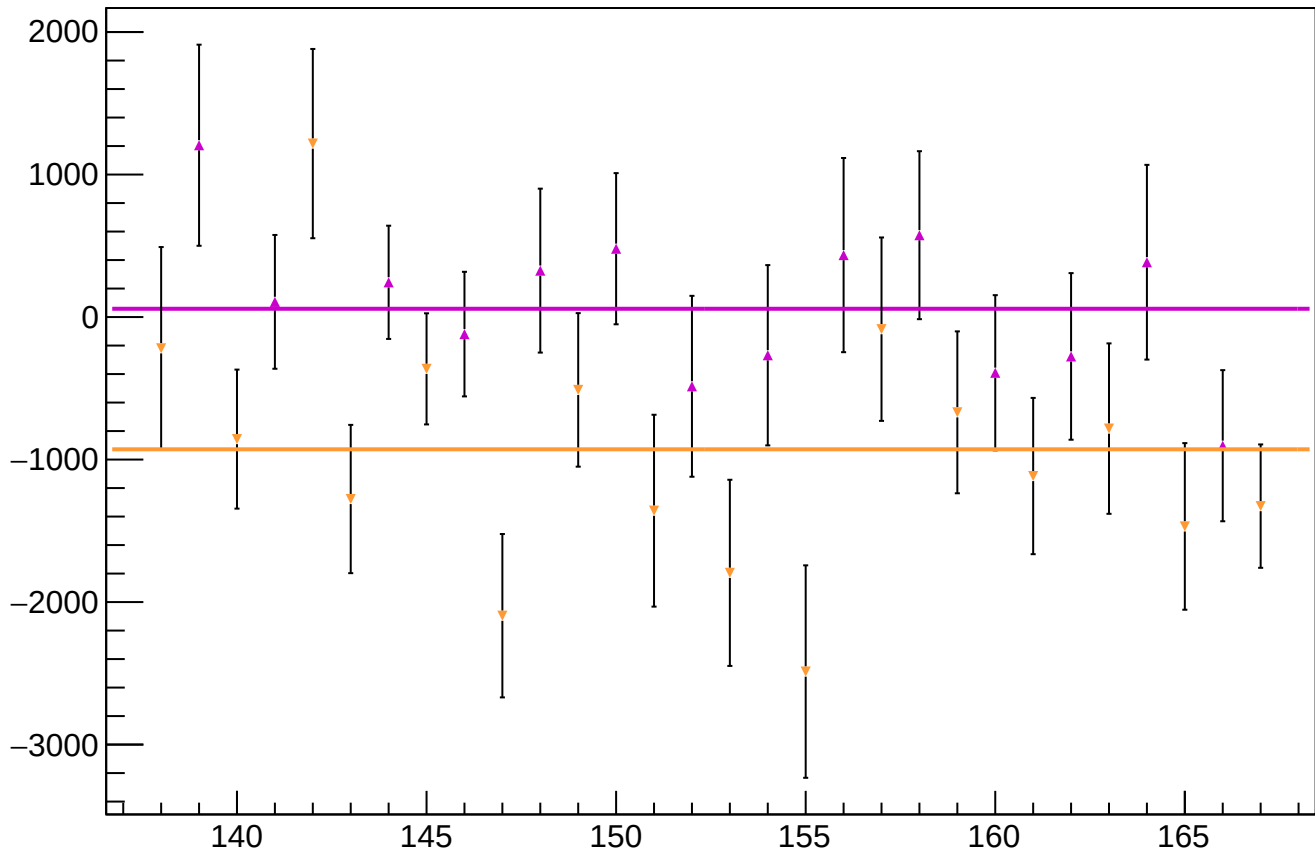
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.720+/-0.104 χ^2/NDF : 578775.5/13

Out: 473.427+/-0.098 χ^2/NDF : 798433.6/15

All: 475.928+/-0.071 χ^2/NDF : 1378581.3/29

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: 58.145+/-146.329 χ^2/NDF :10.5/13

Left: -458.875+/-100.931 χ^2/NDF : 63.4/29

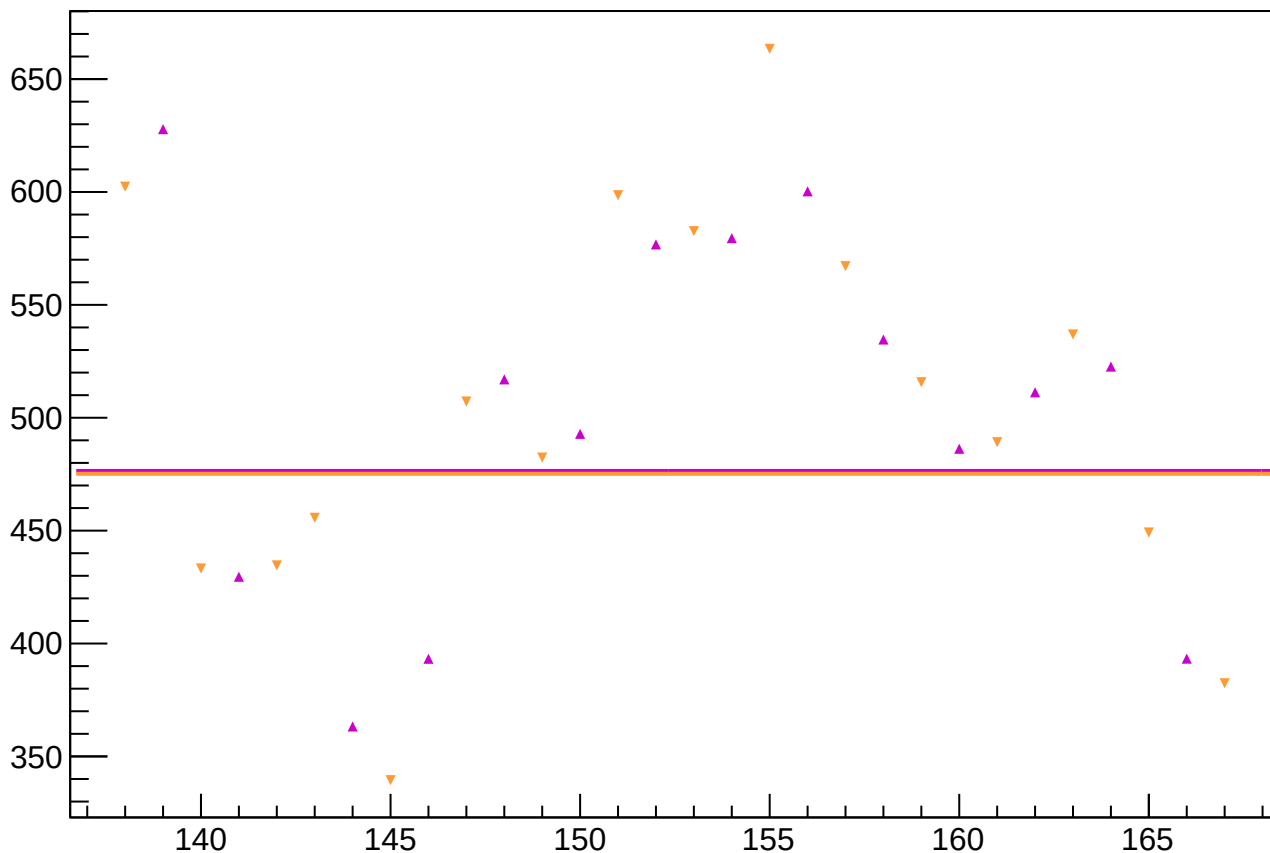
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.145+/-146.329 χ^2/NDF :10.5/13

Out: -928.078+/-139.398 χ^2/NDF :29.1/15

All: -458.875+/-100.931 χ^2/NDF : 63.4/29

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: 476.438+/-0.103 χ^2/NDF : 613390.1/13

Left: 475.776+/-0.071 χ^2/NDF : 1369766.1/29

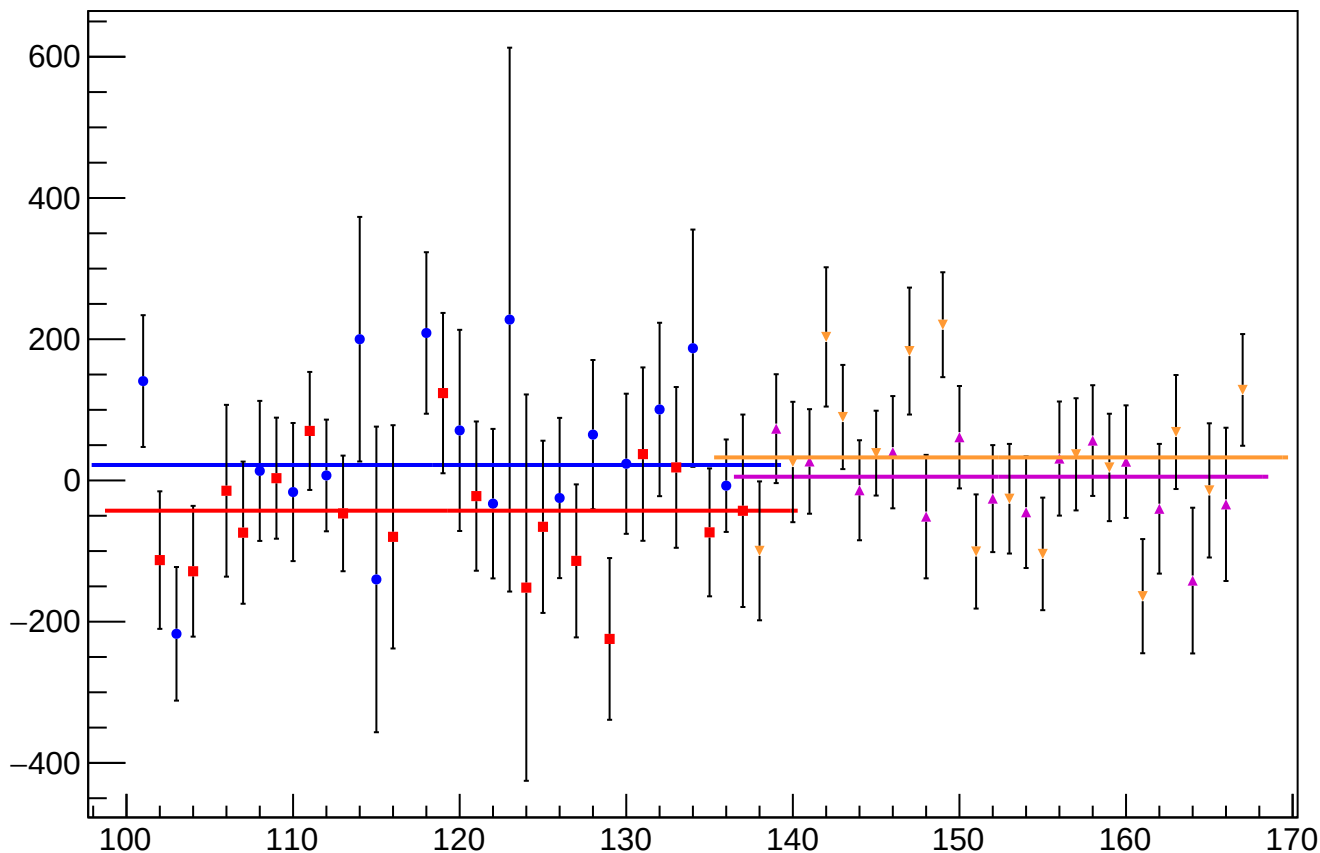
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 476.438+/-0.103 χ^2/NDF : 613390.1/13

Out: 475.175+/-0.099 χ^2/NDF : 756297.9/15

All: 475.776+/-0.071 χ^2/NDF : 1369766.1/29

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 32.650 ± 20.023 $\chi^2/\text{NDF}: 28.7/15$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: 5.279 ± 21.646 $\chi^2/\text{NDF}: 5.7/13$

Left: 20.029 ± 14.699 $\chi^2/\text{NDF}: 35.3/29$

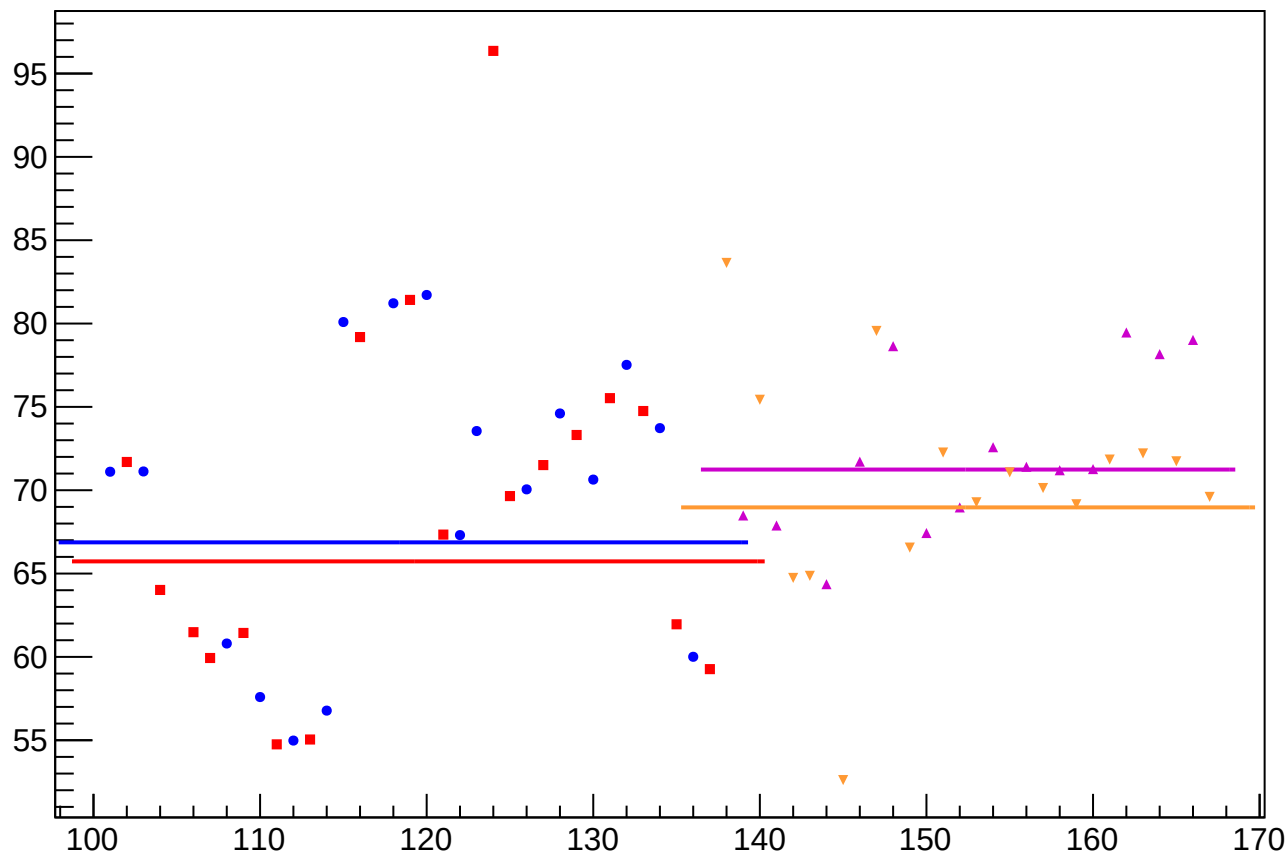
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 12.069 ± 16.650 $\chi^2/\text{NDF}: 21.0/30$

Out: 3.324 ± 15.656 $\chi^2/\text{NDF}: 44.1/33$

All: 7.428 ± 11.406 $\chi^2/\text{NDF}: 65.3/64$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 68.970 $\pm$ 0.014 χ^2 /NDF:256758.2/15

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 71.240 $\pm$ 0.015 χ^2 /NDF:83135.5/13

Left: 70.017 $\pm$ 0.010 χ^2 /NDF: 351750.4/29

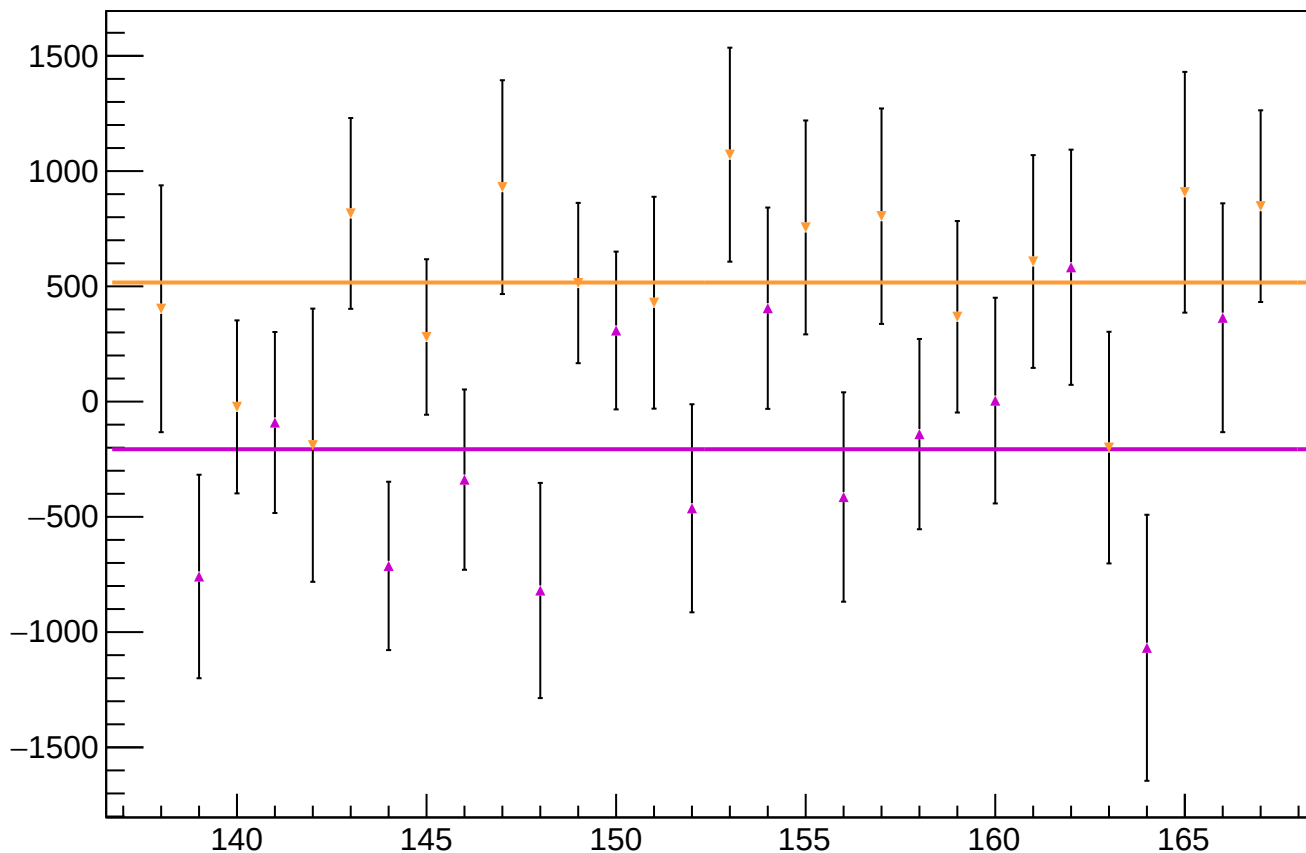
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 69.457 $\pm$ 0.012 χ^2 /NDF:318913.9/30

Out: 67.711 $\pm$ 0.011 χ^2 /NDF:495970.1/33

All: 68.530 $\pm$ 0.008 χ^2 /NDF: 826548.0/64

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 516.713+/-109.453 χ^2/NDF :10.8/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -206.642+/-115.030 χ^2/NDF :16.4/13

Left: 172.994+/-79.293 χ^2/NDF : 48.0/29

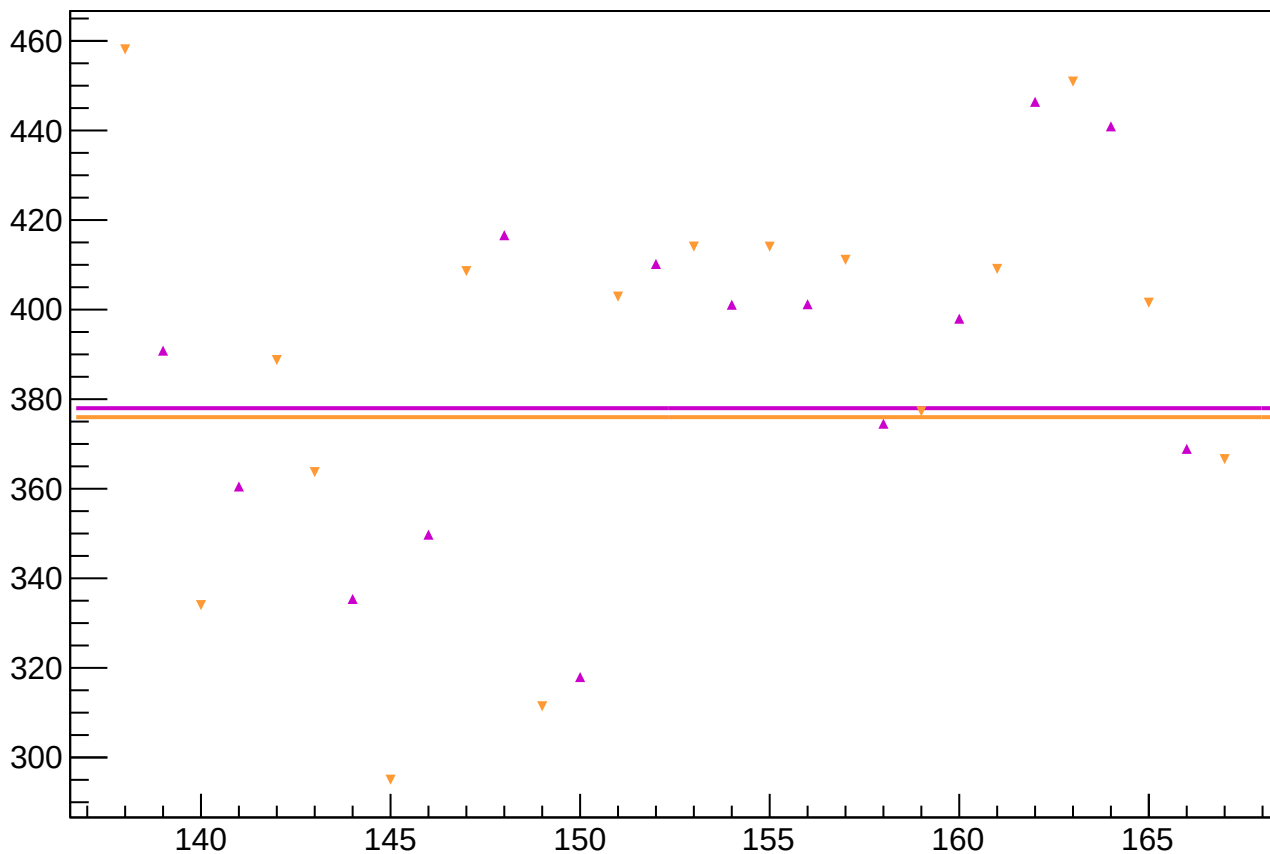
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -206.642+/-115.030 χ^2/NDF :16.4/13

Out: 516.713+/-109.453 χ^2/NDF :10.8/15

All: 172.994+/-79.293 χ^2/NDF : 48.0/29

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: 377.990+/-0.081 χ^2/NDF : 204126.3/13

Left: 376.938+/-0.056 χ^2/NDF : 578888.2/29

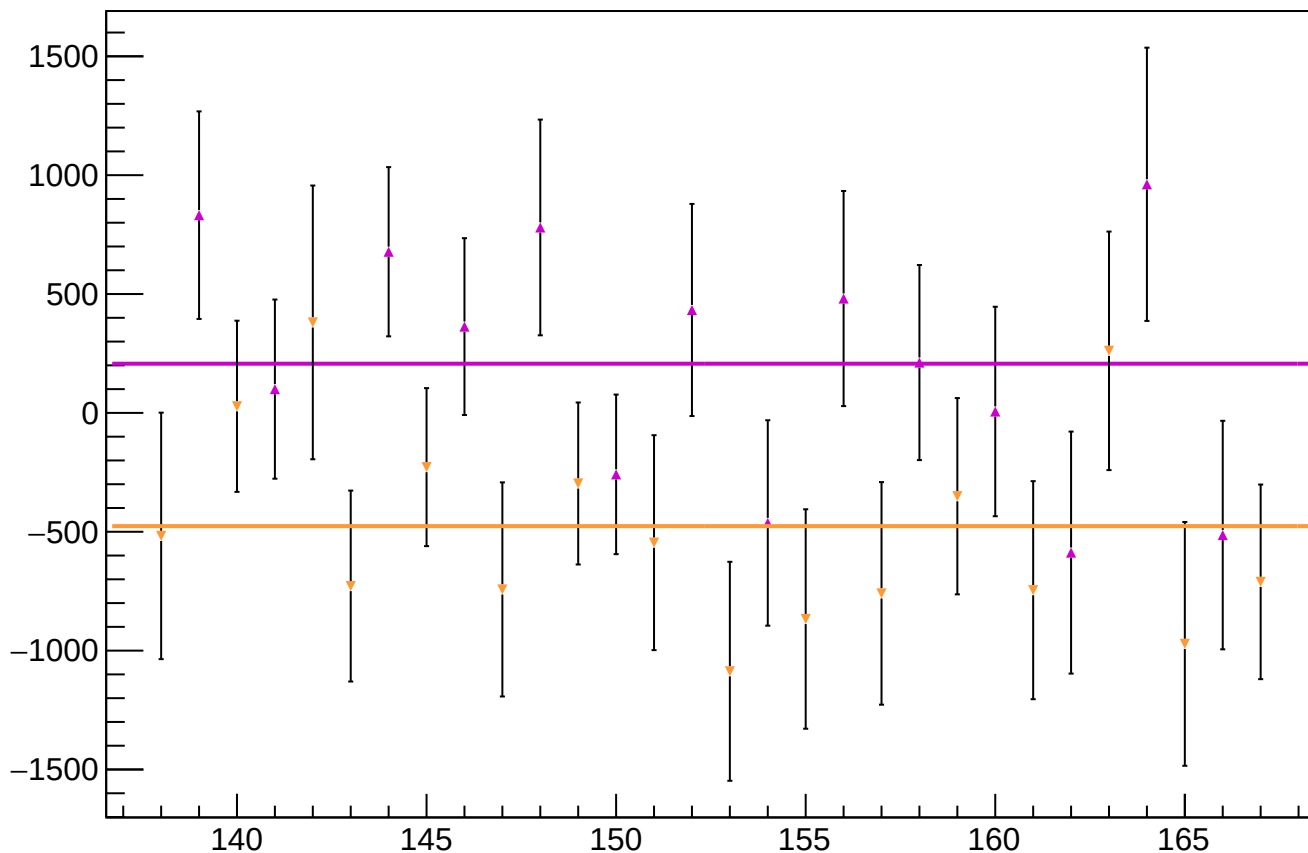
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 377.990+/-0.081 χ^2/NDF : 204126.3/13

Out: 375.986+/-0.077 χ^2/NDF : 374443.1/15

All: 376.938+/-0.056 χ^2/NDF : 578888.2/29

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -476.312 $\pm$ 107.530 χ^2 /NDF:12.5/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 206.974 $\pm$ 112.709 χ^2 /NDF:17.2/13

Left: -150.730 $\pm$ 77.802 χ^2 /NDF: 48.9/29

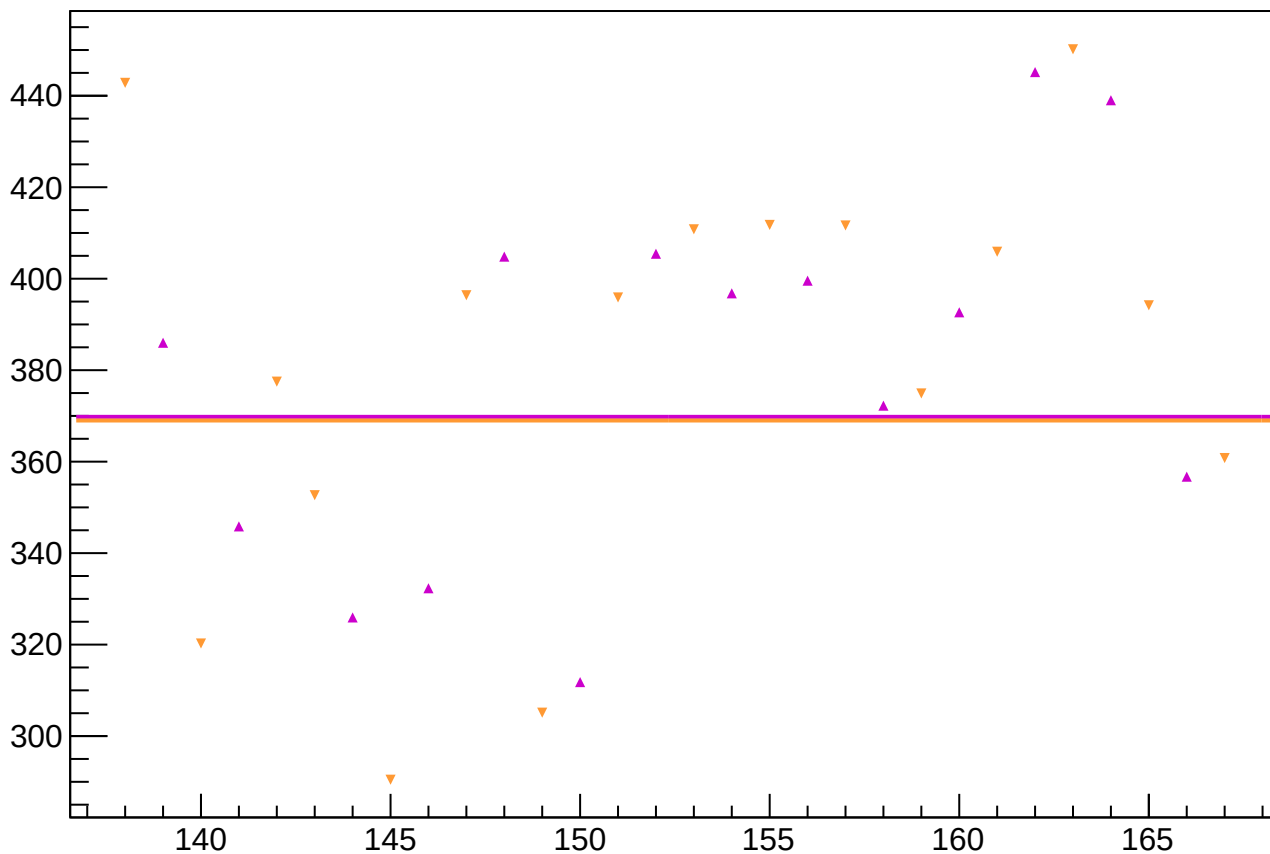
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 206.974 $\pm$ 112.709 χ^2 /NDF:17.2/13

Out: -476.312 $\pm$ 107.530 χ^2 /NDF:12.5/15

All: -150.730 $\pm$ 77.802 χ^2 /NDF: 48.9/29

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: 369.799+/-0.080 χ^2/NDF :242192.9/13

Left: 369.379+/-0.055 χ^2/NDF : 641286.9/29

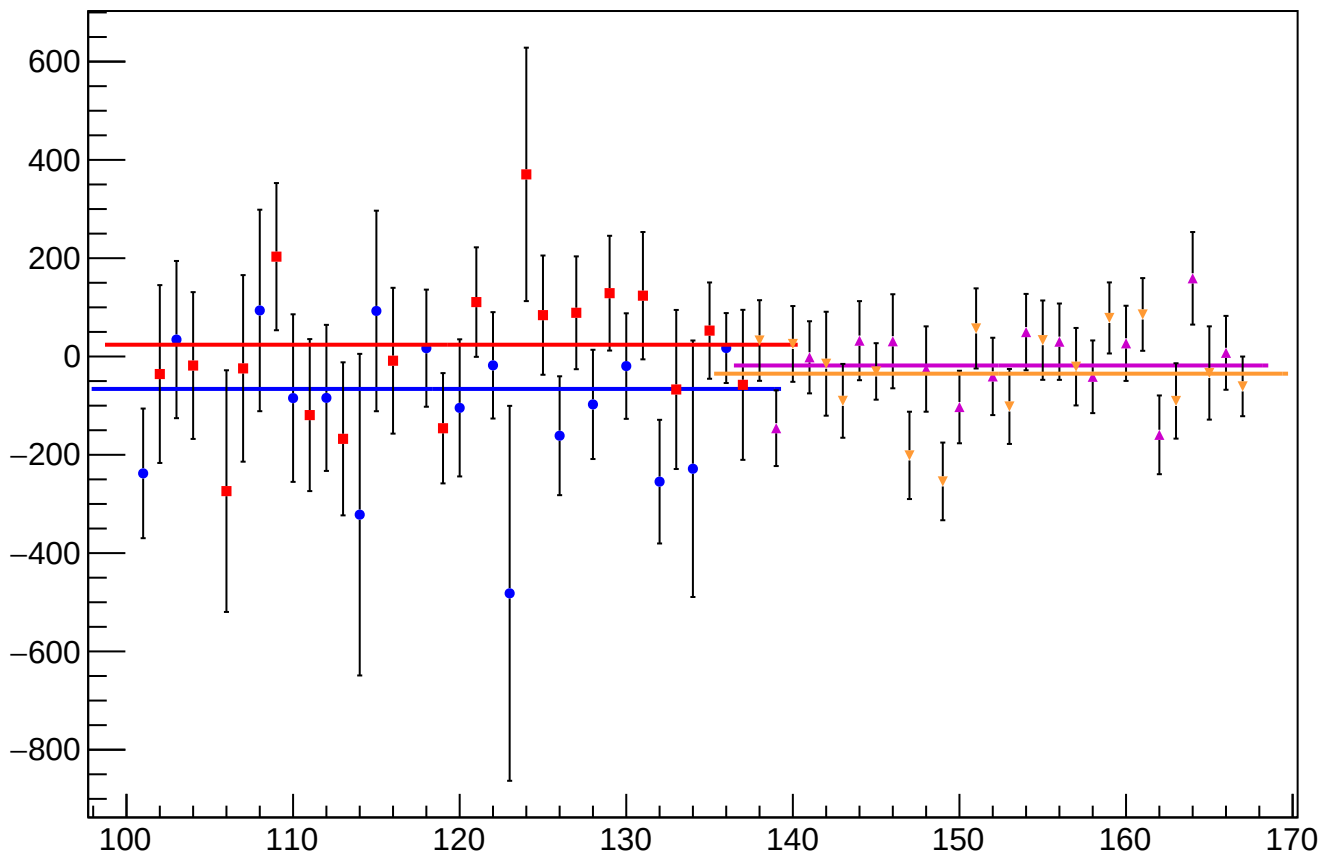
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.799+/-0.080 χ^2/NDF :242192.9/13

Out: 368.998+/-0.076 χ^2/NDF :399041.1/15

All: 369.379+/-0.055 χ^2/NDF : 641286.9/29

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -34.935 ± 19.114 $\chi^2/\text{NDF}: 21.7/15$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -18.267 ± 21.189 $\chi^2/\text{NDF}: 13.2/13$

Left: -27.456 ± 14.193 $\chi^2/\text{NDF}: 35.2/29$

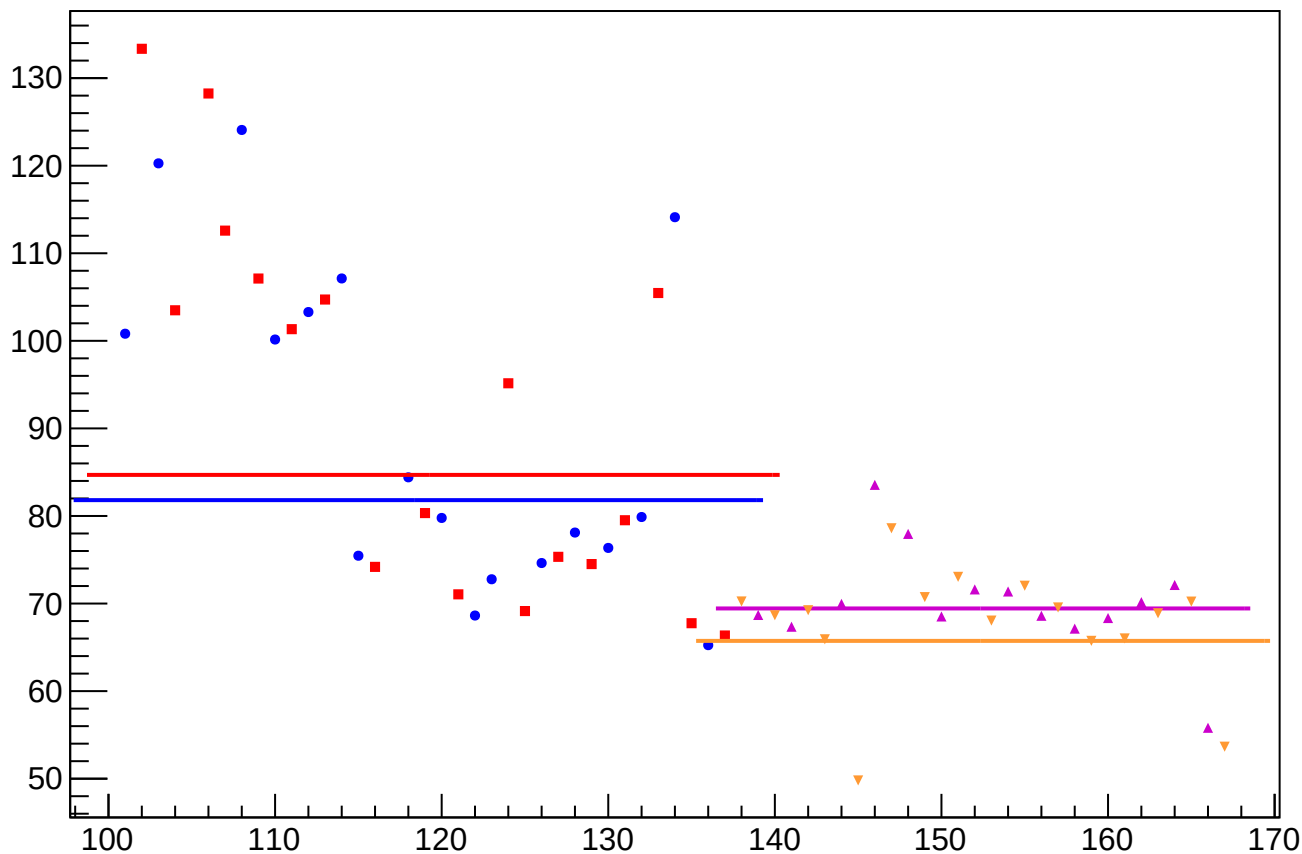
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -32.627 ± 17.715 $\chi^2/\text{NDF}: 25.5/30$

Out: -19.992 ± 16.513 $\chi^2/\text{NDF}: 37.0/33$

All: -25.867 ± 12.079 $\chi^2/\text{NDF}: 62.8/64$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 65.736 $\pm$ 0.014 χ^2 /NDF: 336795.4/15

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 69.440 $\pm$ 0.015 χ^2 /NDF: 137831.4/13

Left: 67.398 $\pm$ 0.010 χ^2 /NDF: 508320.8/29

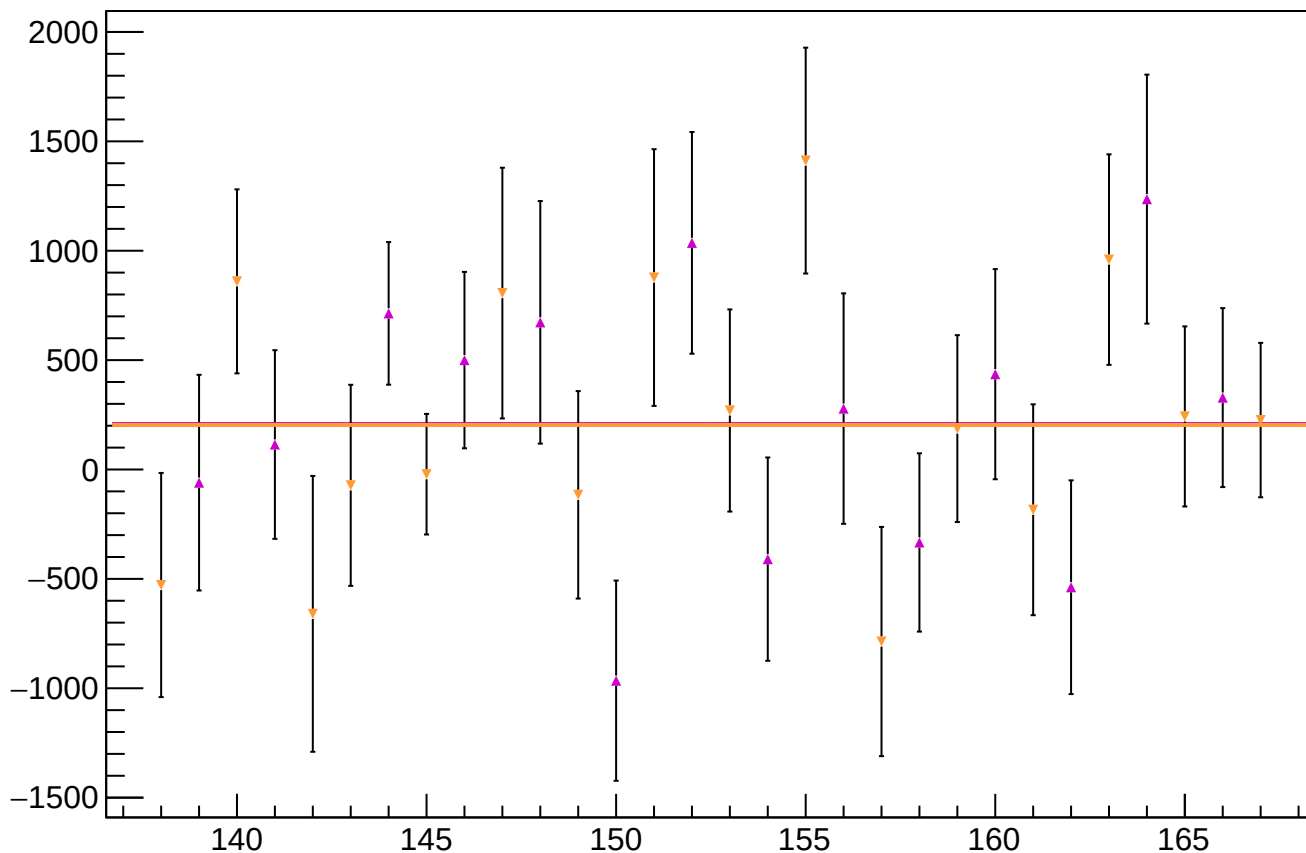
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 73.163 $\pm$ 0.013 χ^2 /NDF: 850162.8/30

Out: 70.543 $\pm$ 0.012 χ^2 /NDF: 1451545.1/33

All: 71.761 $\pm$ 0.009 χ^2 /NDF: 2325106.0/64

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 203.622+/-111.533 χ^2/NDF :22.5/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.538+/-120.540 χ^2/NDF :22.7/13

Left: 205.428+/-81.865 χ^2/NDF : 45.1/29

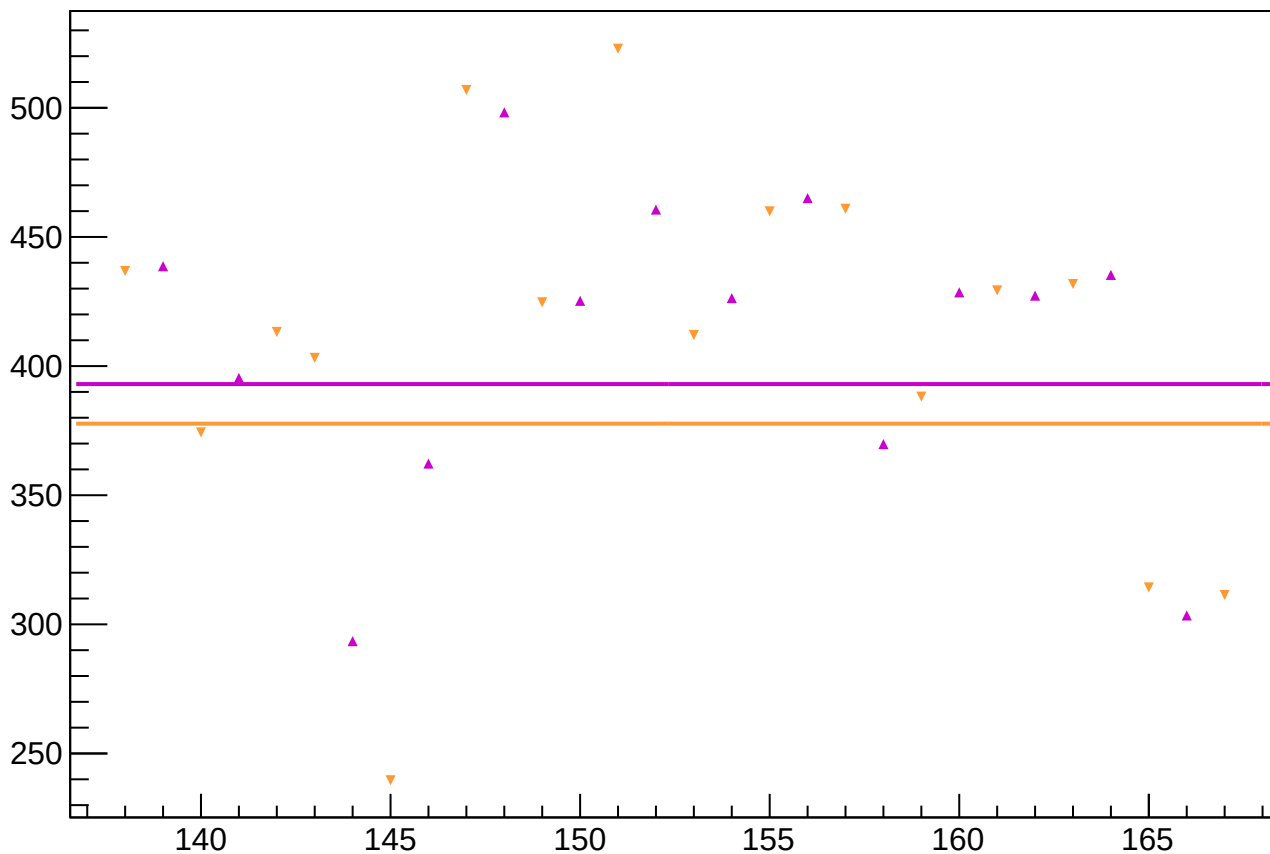
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.538+/-120.540 χ^2/NDF :22.7/13

Out: 203.622+/-111.533 χ^2/NDF :22.5/15

All: 205.428+/-81.865 χ^2/NDF : 45.1/29

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: 393.034+/-0.085 χ^2/NDF :514746.9/13

Left: 384.781+/-0.058 χ^2/NDF : 1596957.8/29

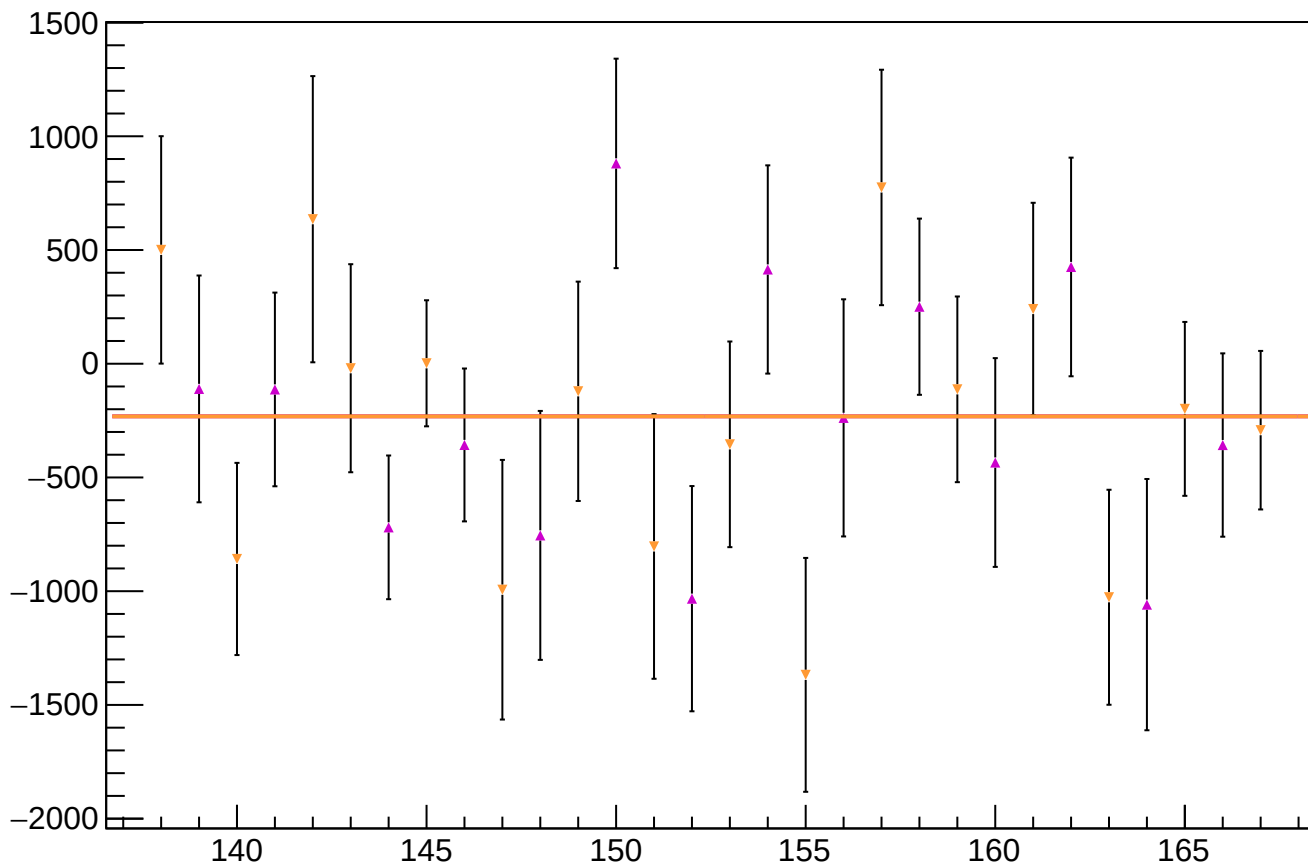
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 393.034+/-0.085 χ^2/NDF :514746.9/13

Out: 377.716+/-0.079 χ^2/NDF :1064812.1/15

All: 384.781+/-0.058 χ^2/NDF : 1596957.8/29

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: -231.057+/-116.104 χ^2/NDF :20.0/13

Left: -231.256+/-79.810 χ^2/NDF : 42.7/29

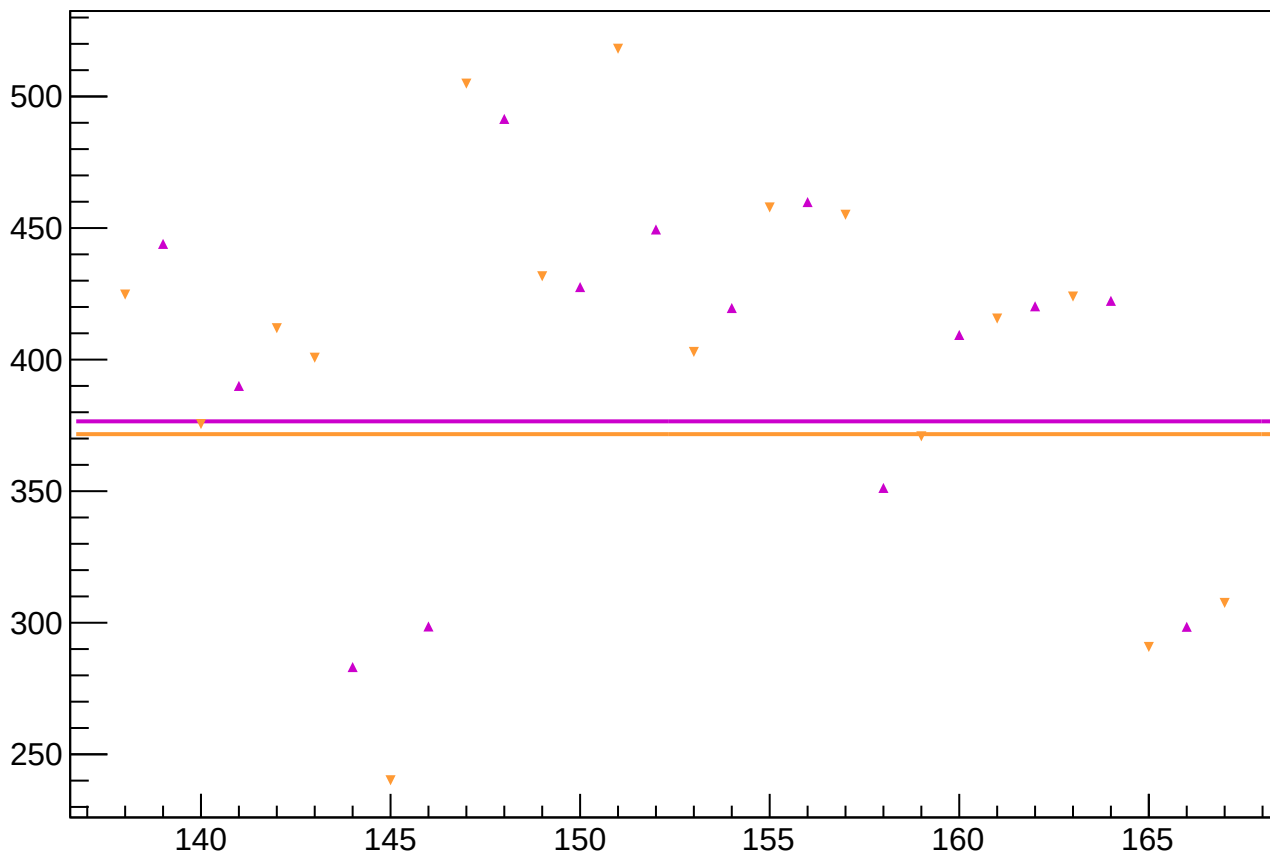
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.057+/-116.104 χ^2/NDF :20.0/13

Out: -231.434+/-109.888 χ^2/NDF :22.7/15

All: -231.256+/-79.810 χ^2/NDF : 42.7/29

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: 376.537+/-0.082 χ^2/NDF :670142.0/13

Left: 373.971+/-0.056 χ^2/NDF : 1745334.5/29

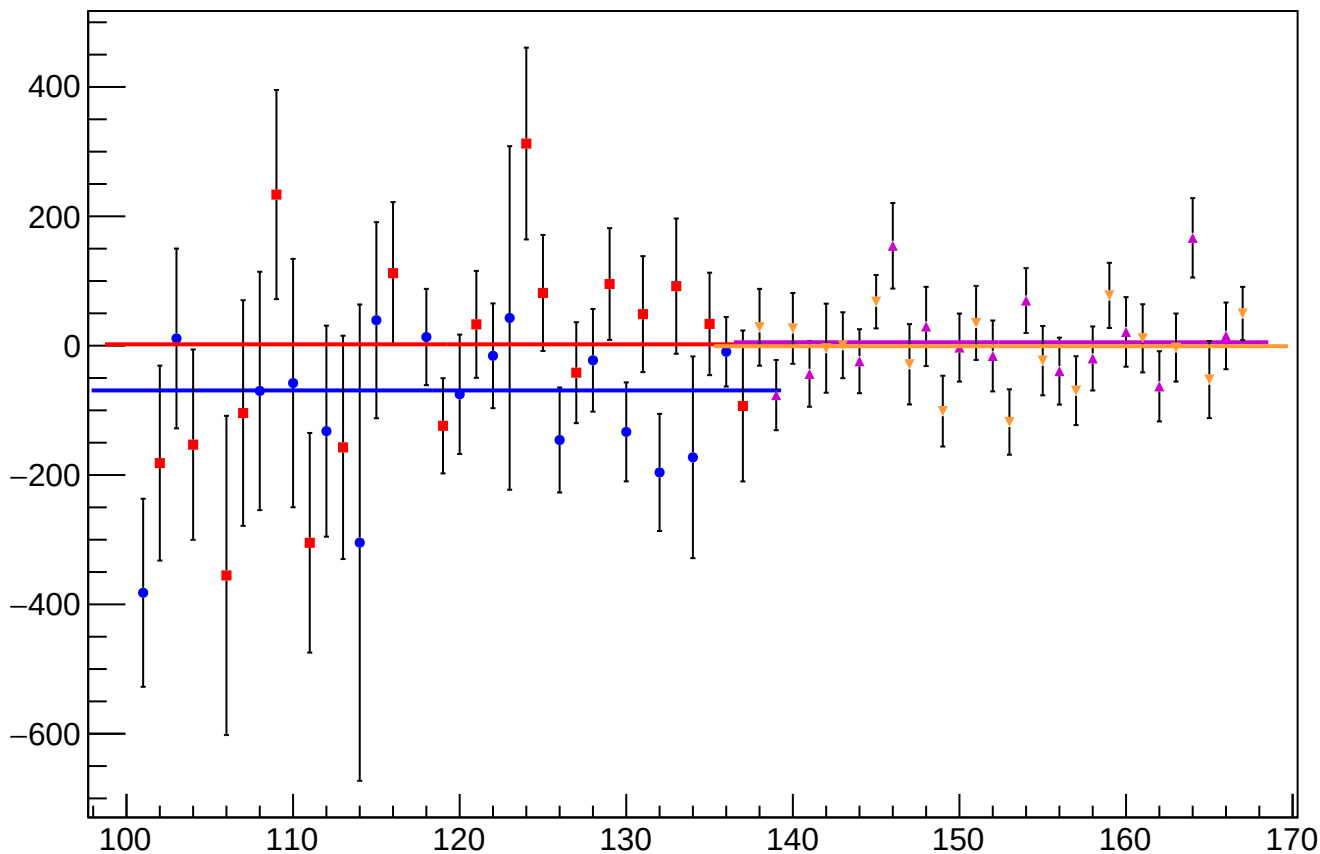
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.537+/-0.082 χ^2/NDF :670142.0/13

Out: 371.673+/-0.078 χ^2/NDF :1073341.2/15

All: 373.971+/-0.056 χ^2/NDF : 1745334.5/29

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: -0.811 ± 13.157 χ^2/NDF : 19.2/15

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 5.236 ± 14.390 χ^2/NDF : 20.2/13

Left: 1.942 ± 9.710 χ^2/NDF : 39.5/29

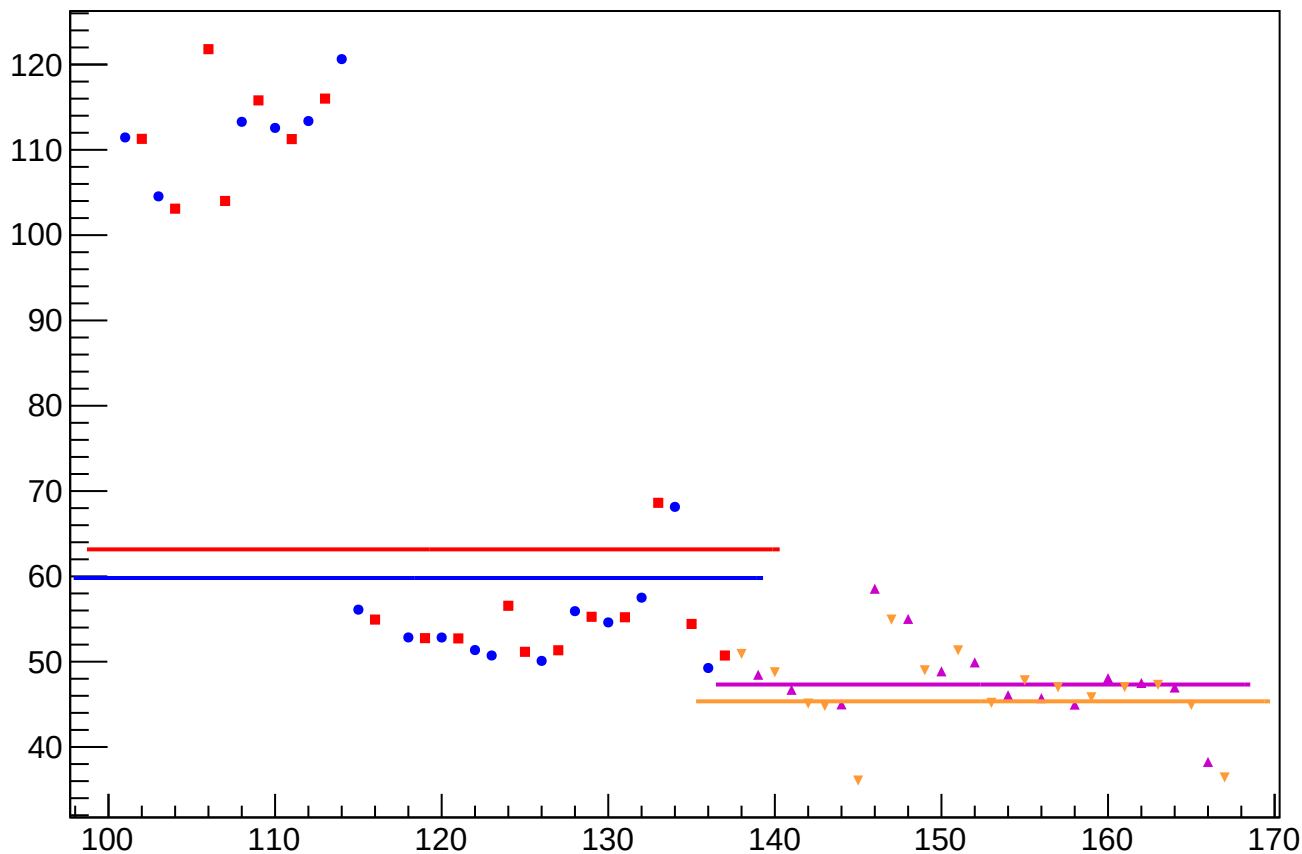
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -14.134 ± 12.376 χ^2/NDF : 40.7/30

Out: -0.191 ± 11.662 χ^2/NDF : 43.0/33

All: -6.748 ± 8.488 χ^2/NDF : 84.3/64

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 45.353 $\pm$ 0.009 χ^2/NDF :309846.1/15

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 47.323 $\pm$ 0.010 χ^2/NDF :171059.9/13

Left: 46.250 $\pm$ 0.007 χ^2/NDF : 501328.2/29

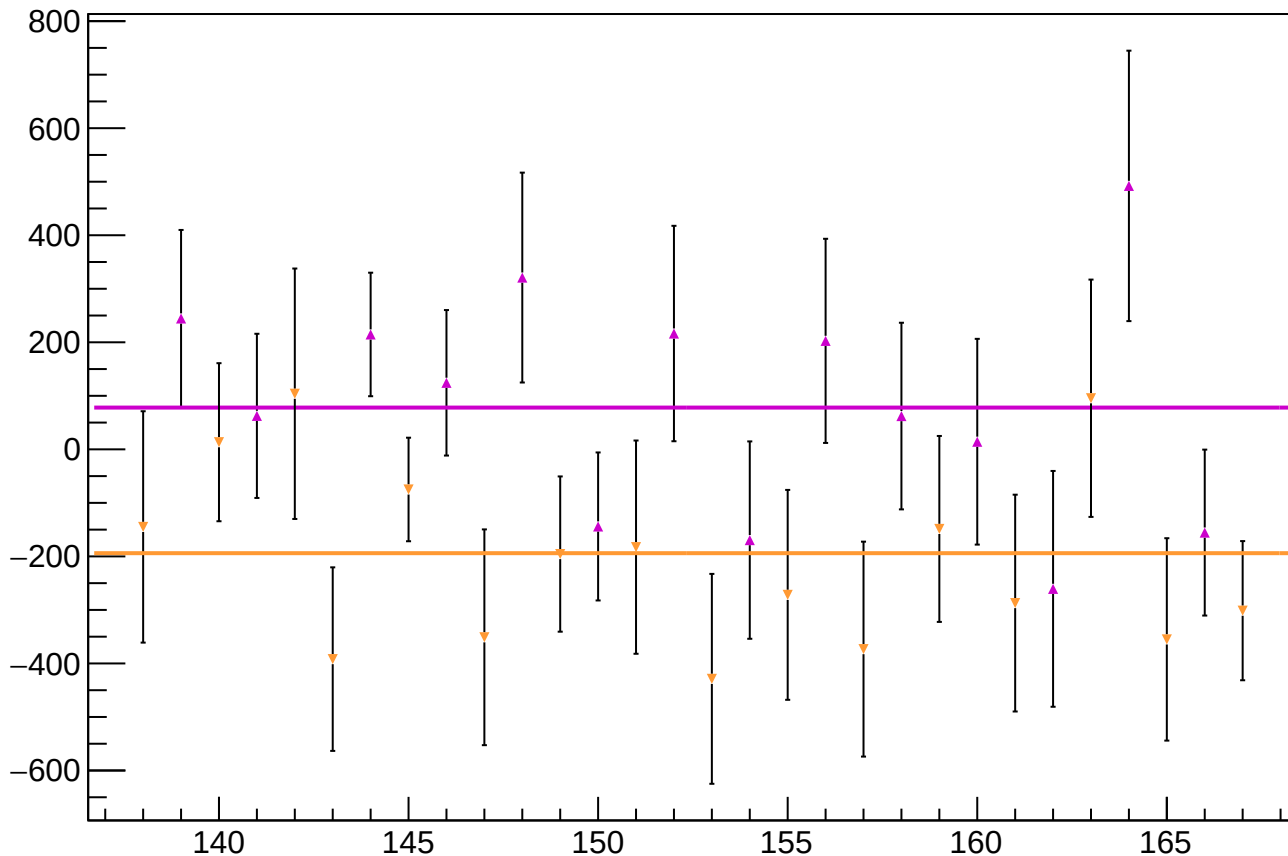
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 50.573 $\pm$ 0.009 χ^2/NDF :1792906.8/30

Out: 49.172 $\pm$ 0.008 χ^2/NDF :2483020.1/33

All: 49.831 $\pm$ 0.006 χ^2/NDF : 4289503.3/64

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: 78.017+/-44.449 χ^2/NDF :16.8/13

Left: -65.540+/-30.545 χ^2/NDF : 49.4/29

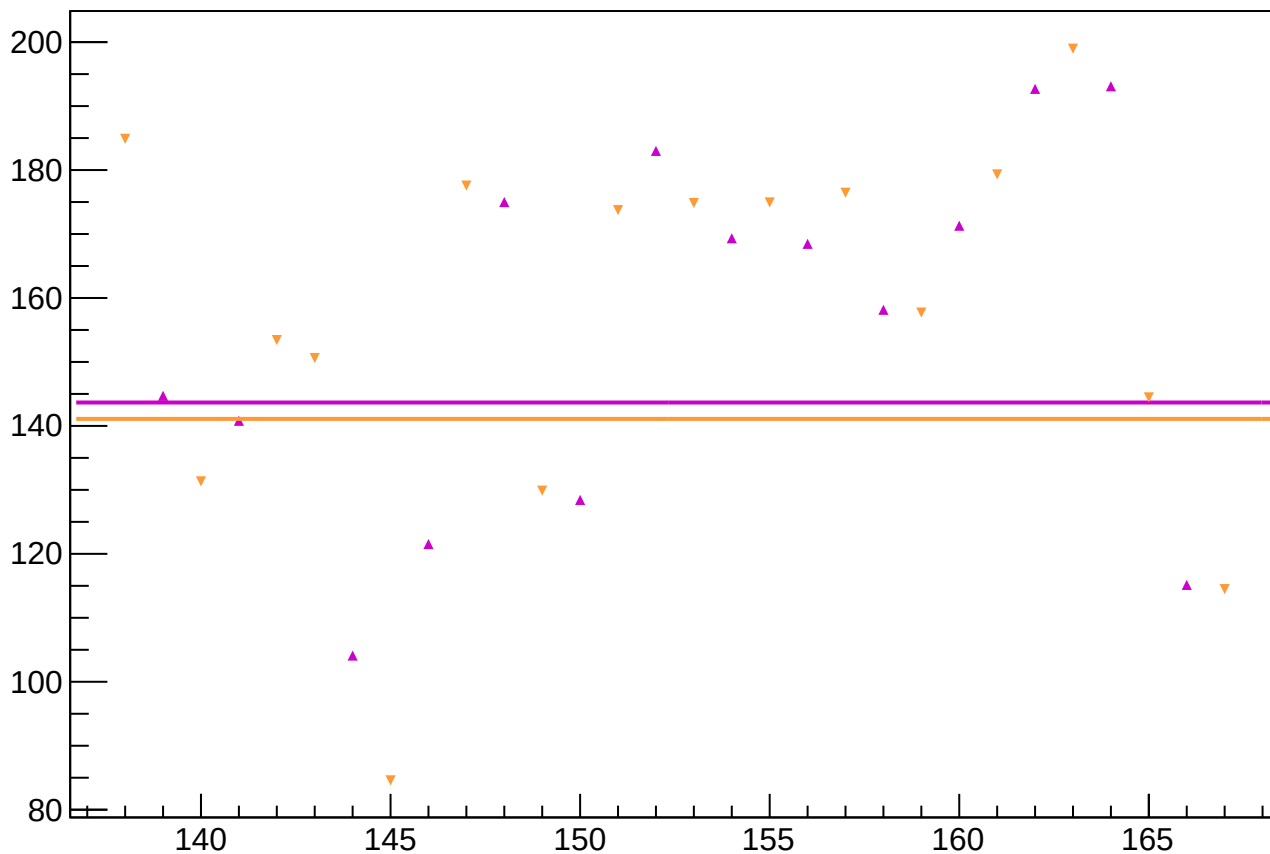
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.017+/-44.449 χ^2/NDF :16.8/13

Out: -193.992+/-42.046 χ^2/NDF :12.9/15

All: -65.540+/-30.545 χ^2/NDF : 49.4/29

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: 143.659+/-0.031 χ^2/NDF :811795.5/13

Left: 142.308+/-0.022 χ^2/NDF : 2222738.5/29

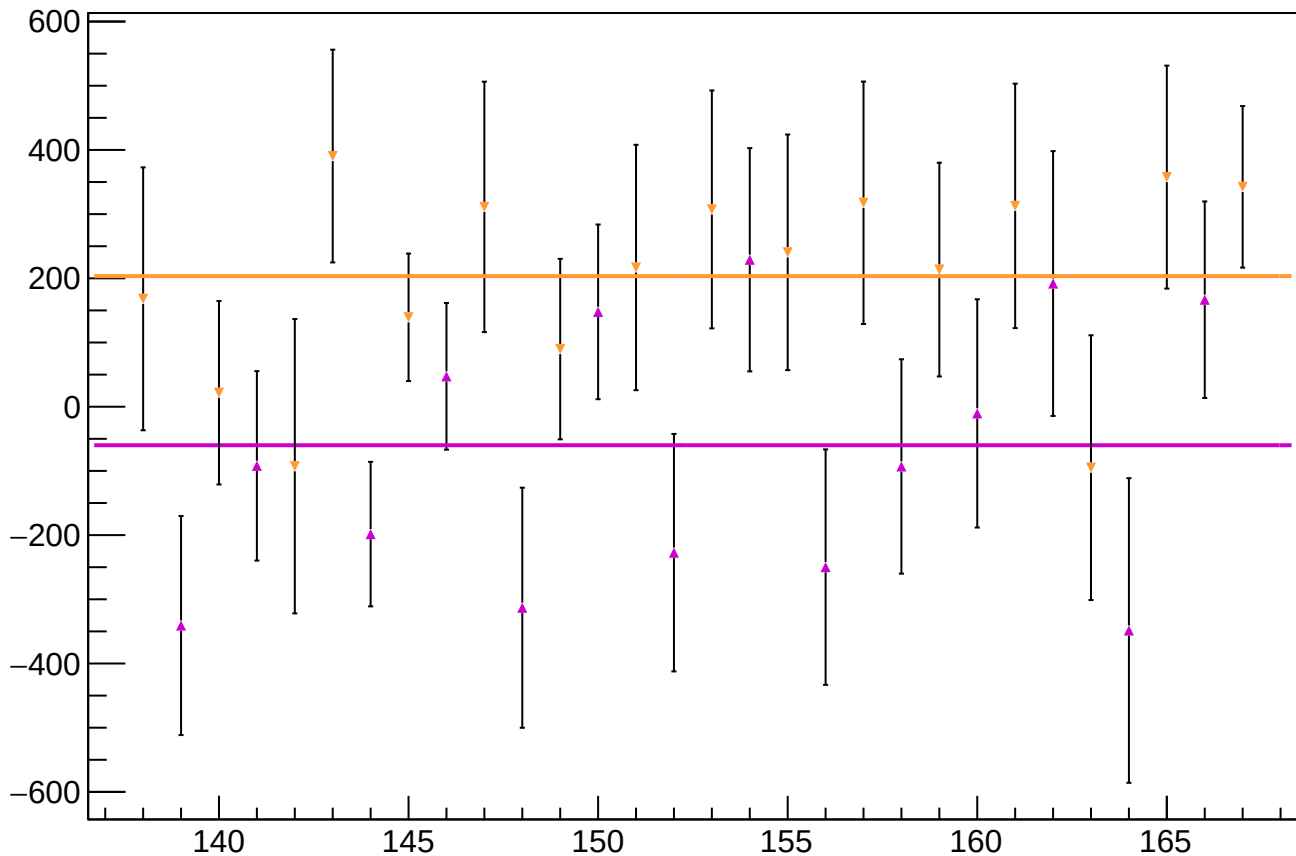
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 143.659+/-0.031 χ^2/NDF :811795.5/13

Out: 141.099+/-0.030 χ^2/NDF :1407443.3/15

All: 142.308+/-0.022 χ^2/NDF : 2222738.5/29

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: -59.981 $\pm$ 42.186 χ^2 /NDF:19.2/13

Left: 76.492 $\pm$ 29.284 χ^2 /NDF: 50.6/29

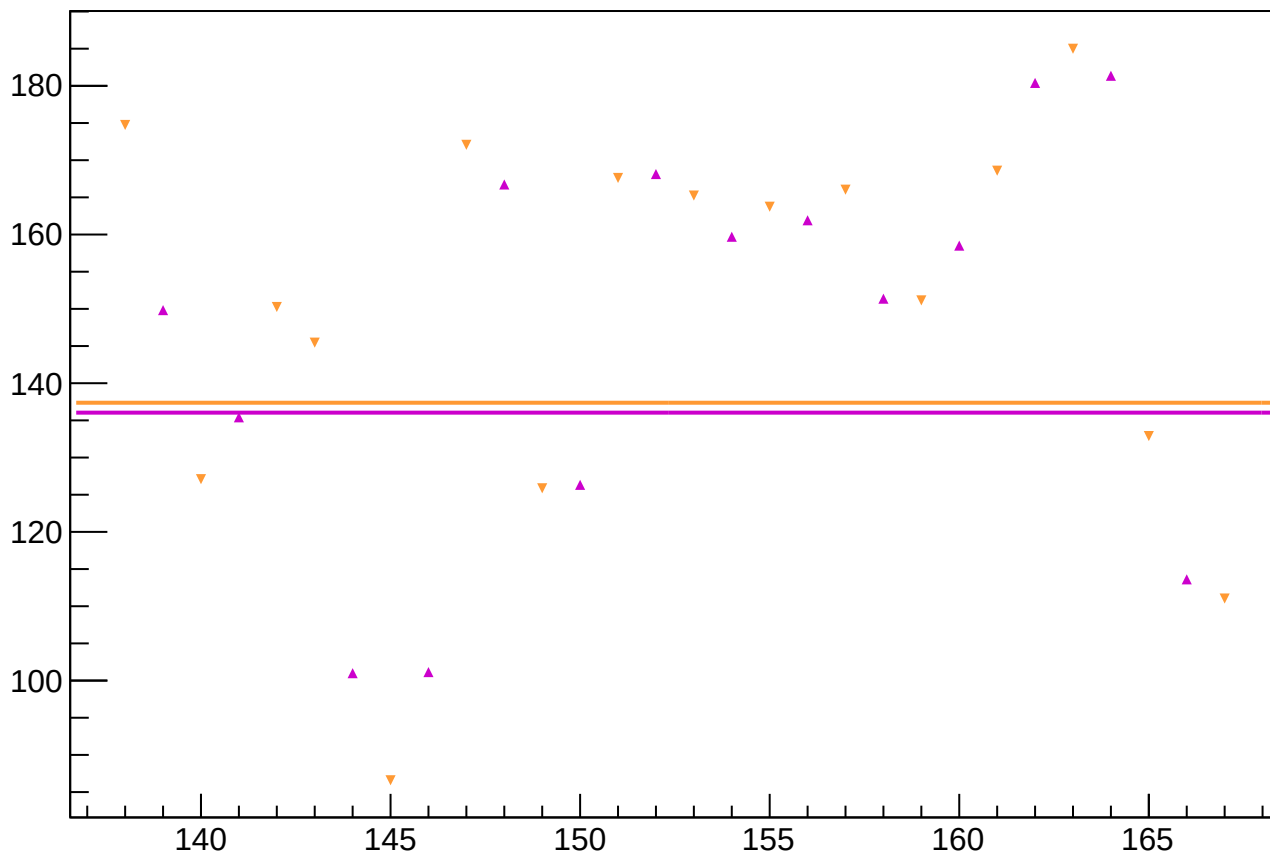
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -59.981 $\pm$ 42.186 χ^2 /NDF:19.2/13

Out: 203.401 $\pm$ 40.681 χ^2 /NDF:11.1/15

All: 76.492 $\pm$ 29.284 χ^2 /NDF: 50.6/29

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: 136.040+/-0.030 χ^2/NDF :851933.2/13

Left: 136.732+/-0.021 χ^2/NDF : 1986211.3/29

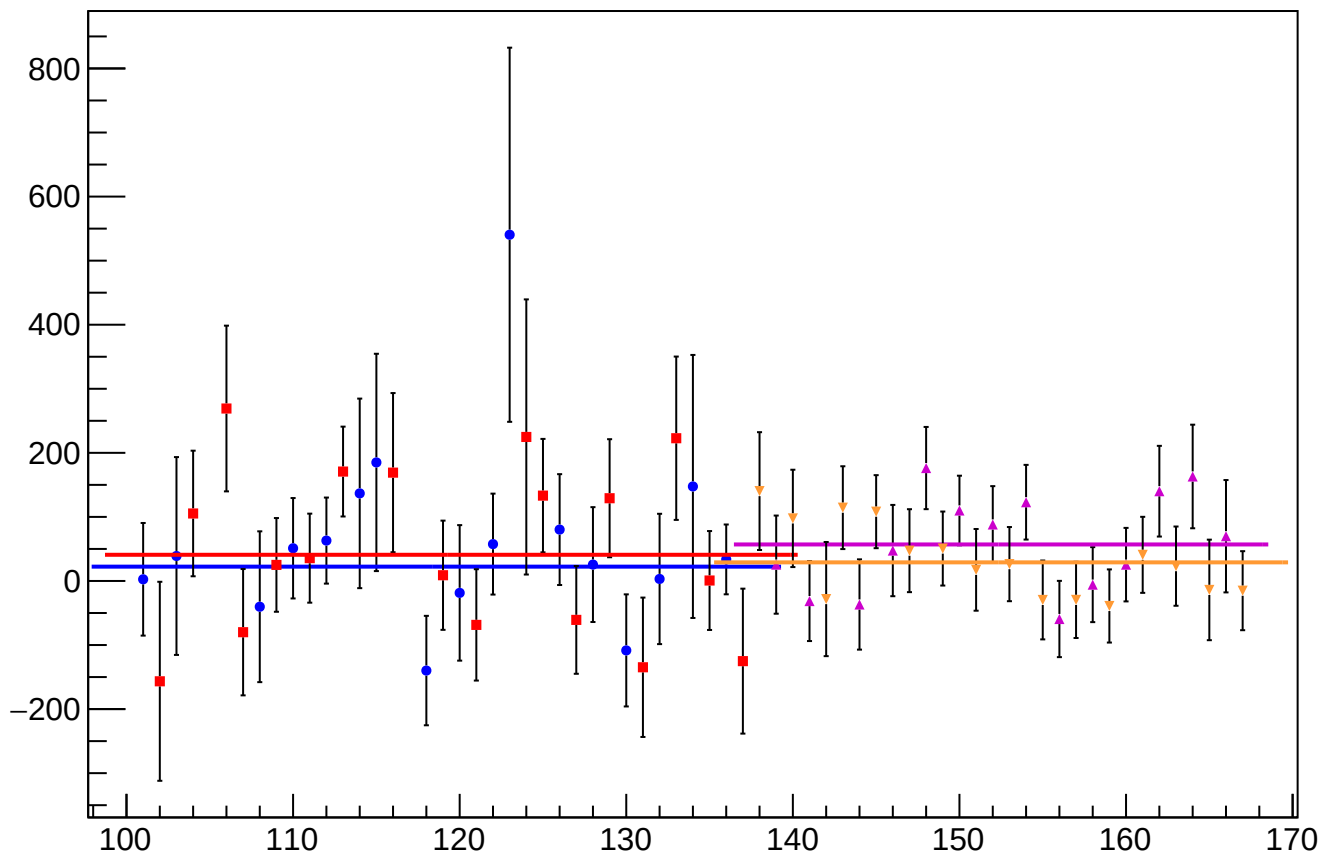
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.040+/-0.030 χ^2/NDF :851933.2/13

Out: 137.375+/-0.029 χ^2/NDF :1133241.3/15

All: 136.732+/-0.021 χ^2/NDF : 1986211.3/29

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2/NDF : 12.6/16

Left Out: 29.036 $\pm$ 16.072 χ^2/NDF : 10.8/15

Right Out: 40.867 $\pm$ 22.136 χ^2/NDF : 24.2/17

Left In: 57.000 $\pm$ 17.299 χ^2/NDF : 18.3/13

Left: 41.991 $\pm$ 11.774 χ^2/NDF : 30.5/29

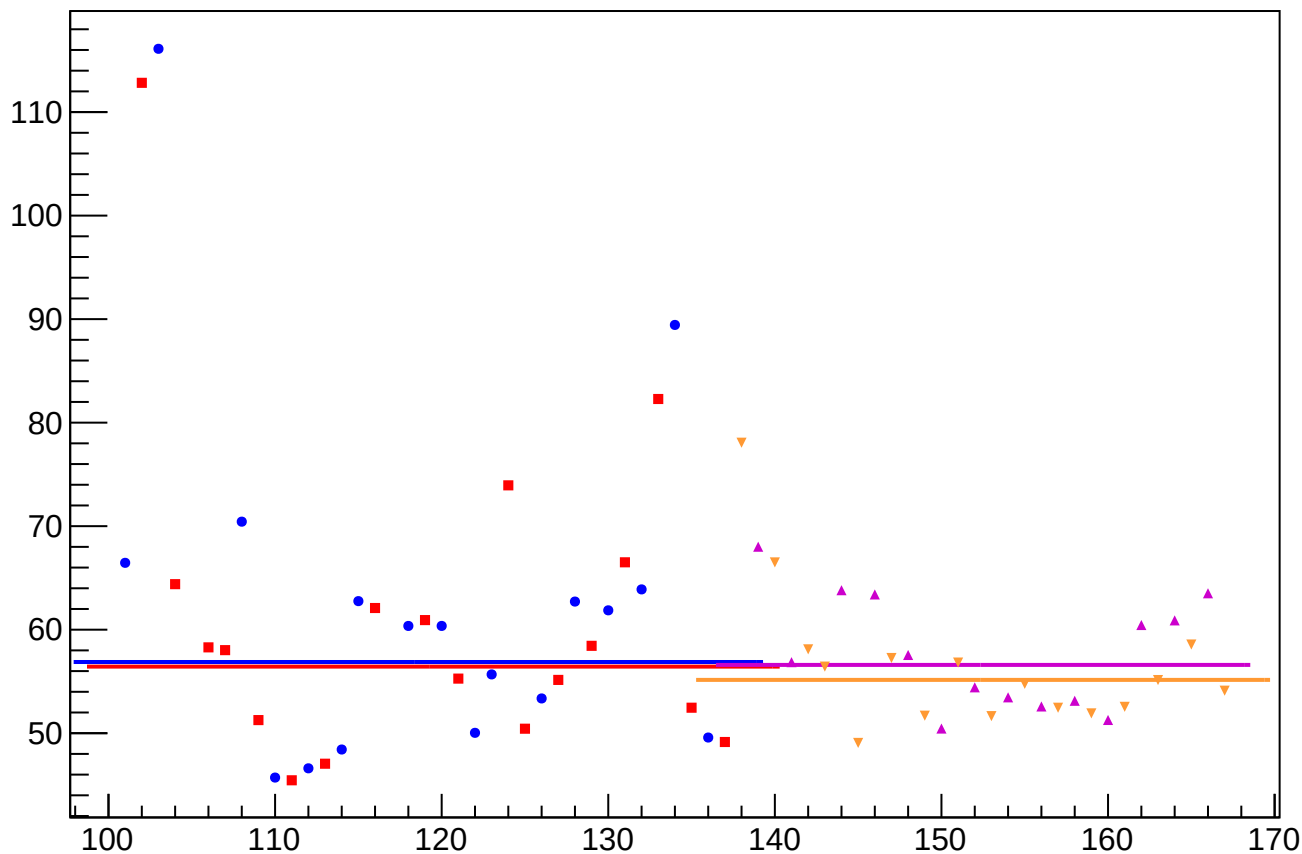
Right: 31.816 $\pm$ 15.823 χ^2/NDF : 37.1/34

In: 44.221 $\pm$ 13.742 χ^2/NDF : 32.4/30

Out: 33.120 $\pm$ 13.006 χ^2/NDF : 35.2/33

All: 38.365 $\pm$ 9.446 χ^2/NDF : 67.9/64

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.150 $\pm$ 0.011 χ^2 /NDF: 231356.8/15

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 56.597 $\pm$ 0.012 χ^2 /NDF: 175509.4/13

Left: 55.821 $\pm$ 0.008 χ^2 /NDF: 414373.5/29

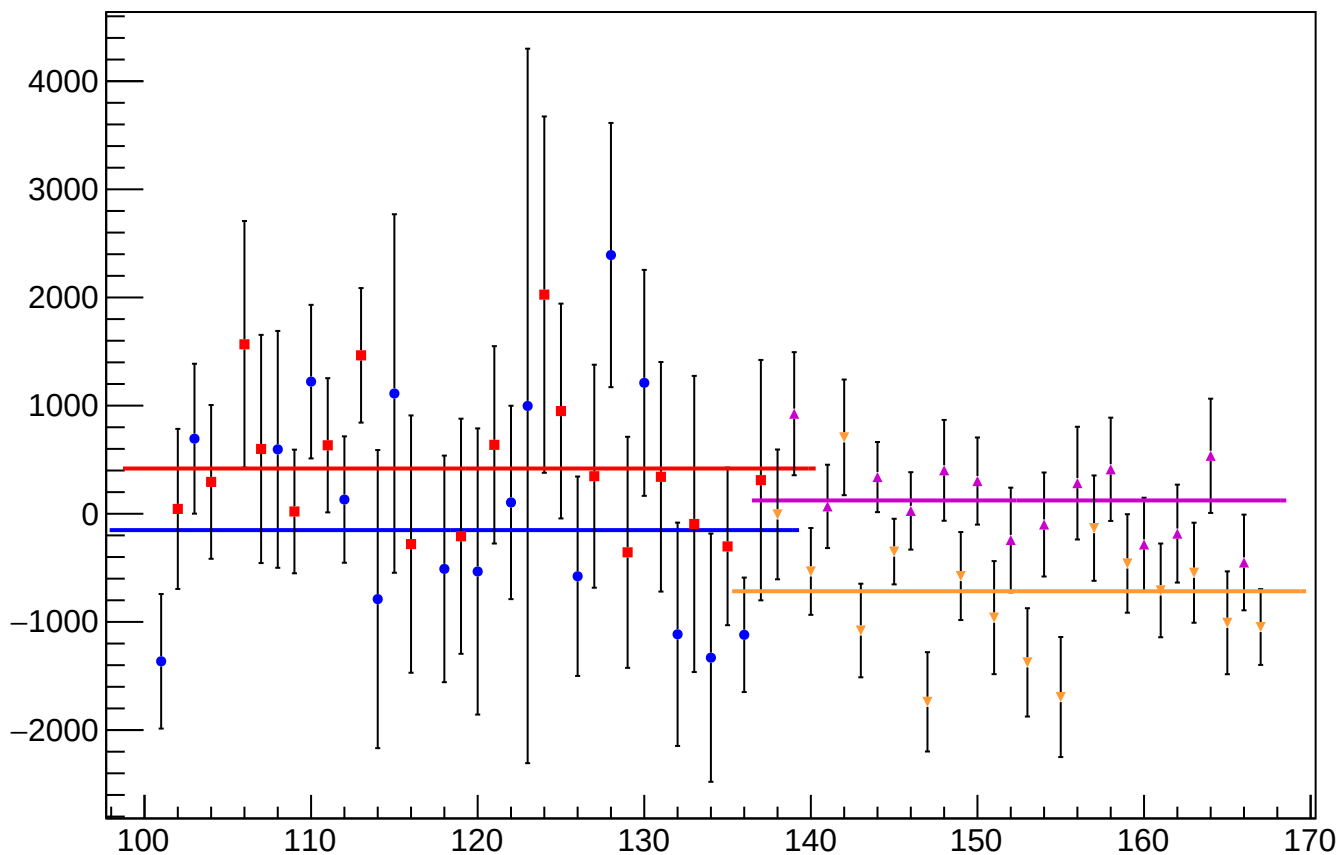
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.701 $\pm$ 0.010 χ^2 /NDF: 751192.1/30

Out: 55.593 $\pm$ 0.009 χ^2 /NDF: 756217.5/33

All: 56.117 $\pm$ 0.007 χ^2 /NDF: 1514262.3/64

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -716.456+/-110.456 χ^2/NDF : 24.1/15

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 123.155+/-116.650 χ^2/NDF : 8.0/13

Left: -319.533+/-80.204 χ^2/NDF : 59.4/29

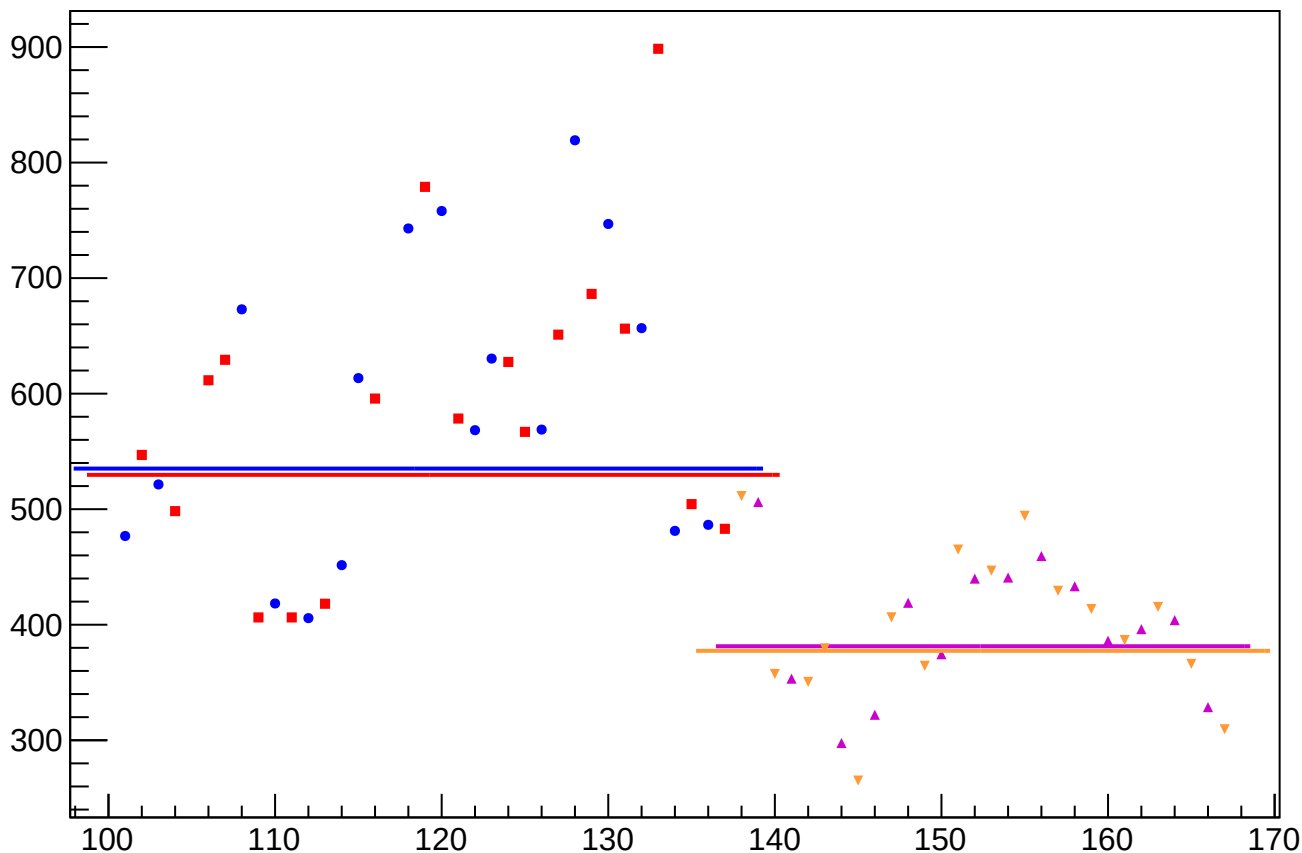
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 59.603+/-102.250 χ^2/NDF : 31.7/30

Out: -461.203+/-97.245 χ^2/NDF : 56.3/33

All: -213.858+/-70.466 χ^2/NDF : 101.6/64

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 377.402+/-0.078 χ^2/NDF : 703078.6/15

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 381.370+/-0.082 χ^2/NDF : 471646.5/13

Left: 379.278+/-0.057 χ^2/NDF : 1175945.3/29

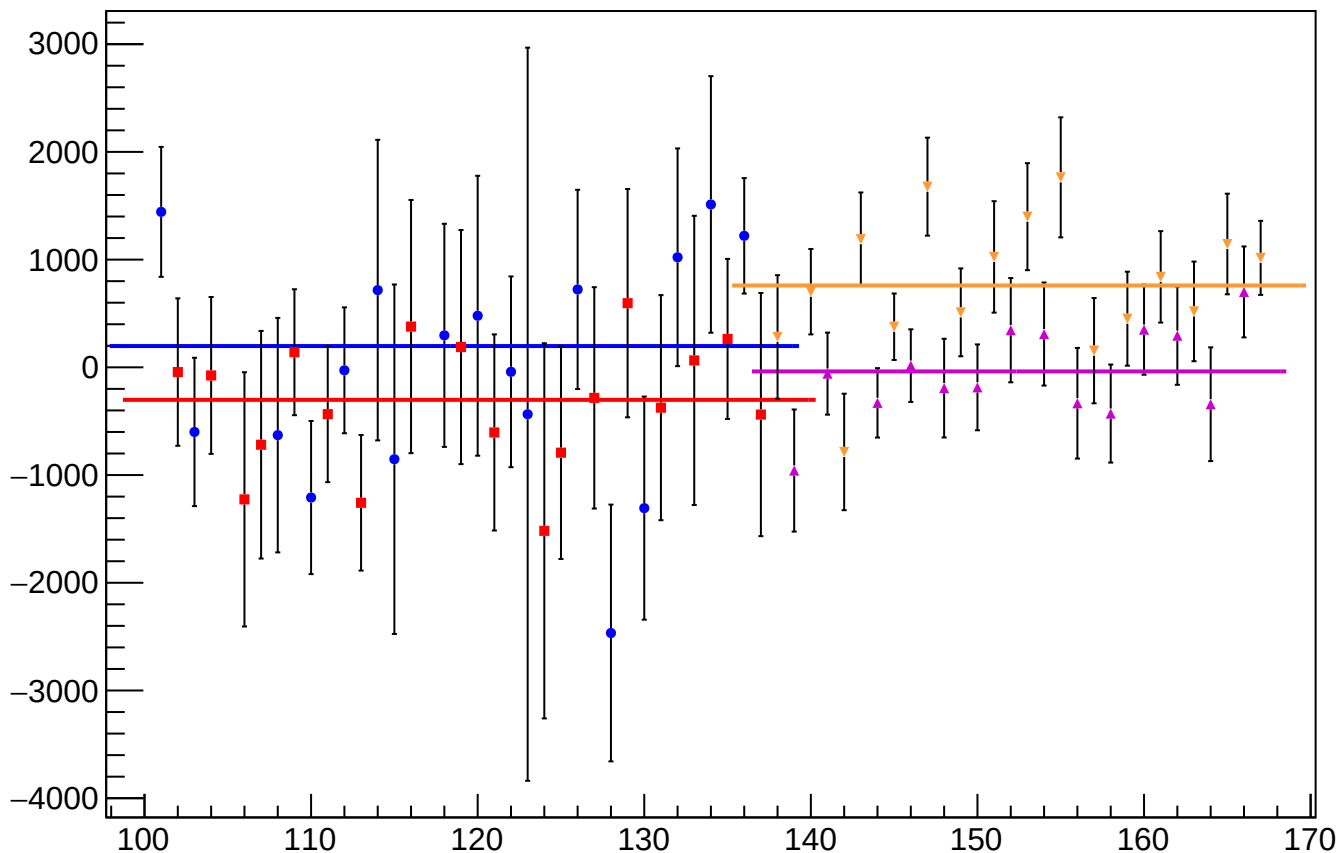
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 416.989+/-0.072 χ^2/NDF : 1872770.7/30

Out: 411.657+/-0.069 χ^2/NDF : 2205121.7/33

All: 414.189+/-0.050 χ^2/NDF : 4080748.7/64

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 759.977+/-109.611 χ^2/NDF :24.6/15

Right Out: -301.856+/-205.700 χ^2/NDF : 6.7/17

Left In: -38.016+/-114.333 χ^2/NDF :10.7/13

Left: 377.799+/-79.123 χ^2/NDF : 60.7/29

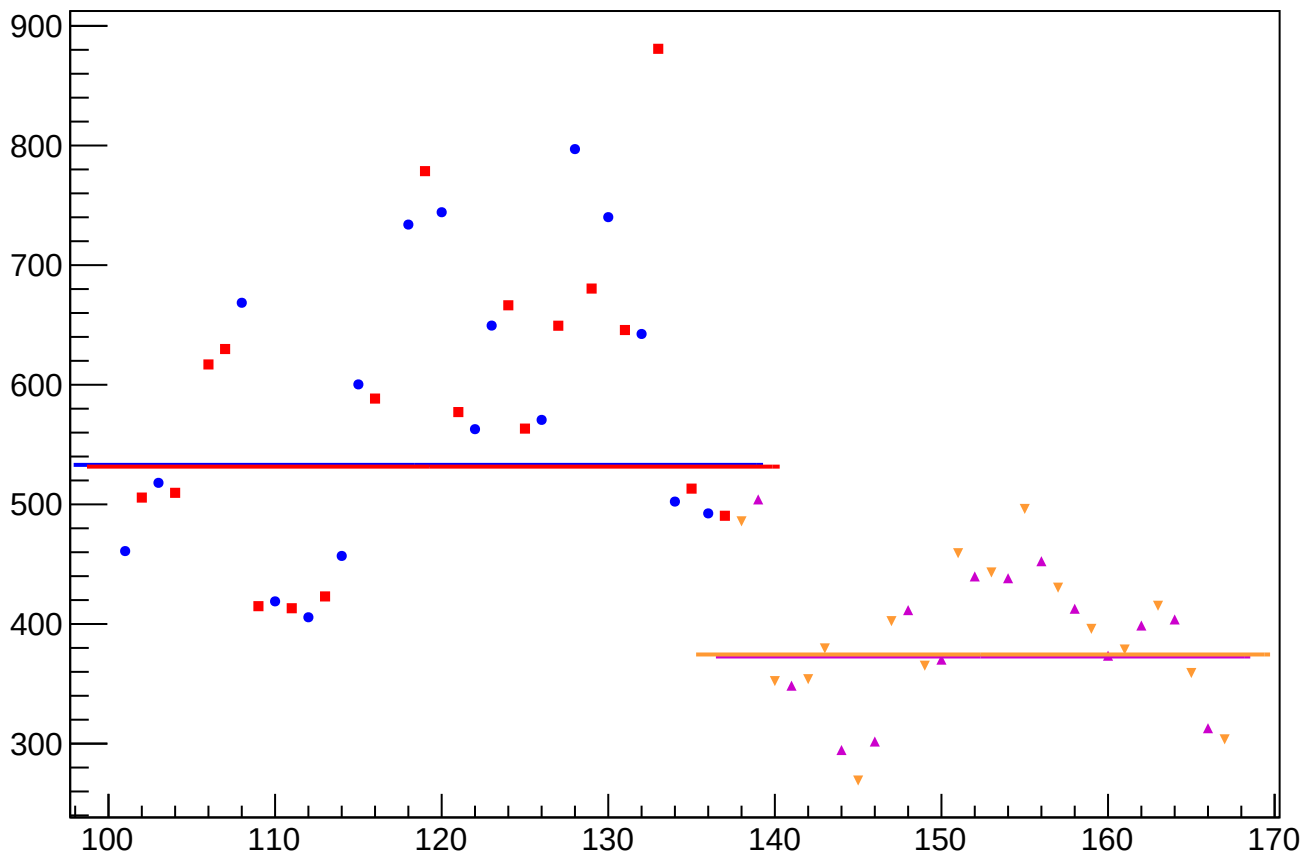
Right: -59.066+/-147.453 χ^2/NDF : 33.5/34

In: 15.266+/-100.575 χ^2/NDF :35.6/30

Out: 525.150+/-96.734 χ^2/NDF :52.0/33

All: 280.131+/-69.720 χ^2/NDF : 101.0/64

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 374.519+/-0.078 χ^2/NDF : 647819.7/15

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 372.834+/-0.081 χ^2/NDF : 529584.9/13

Left: 373.712+/-0.056 χ^2/NDF : 1177631.0/29

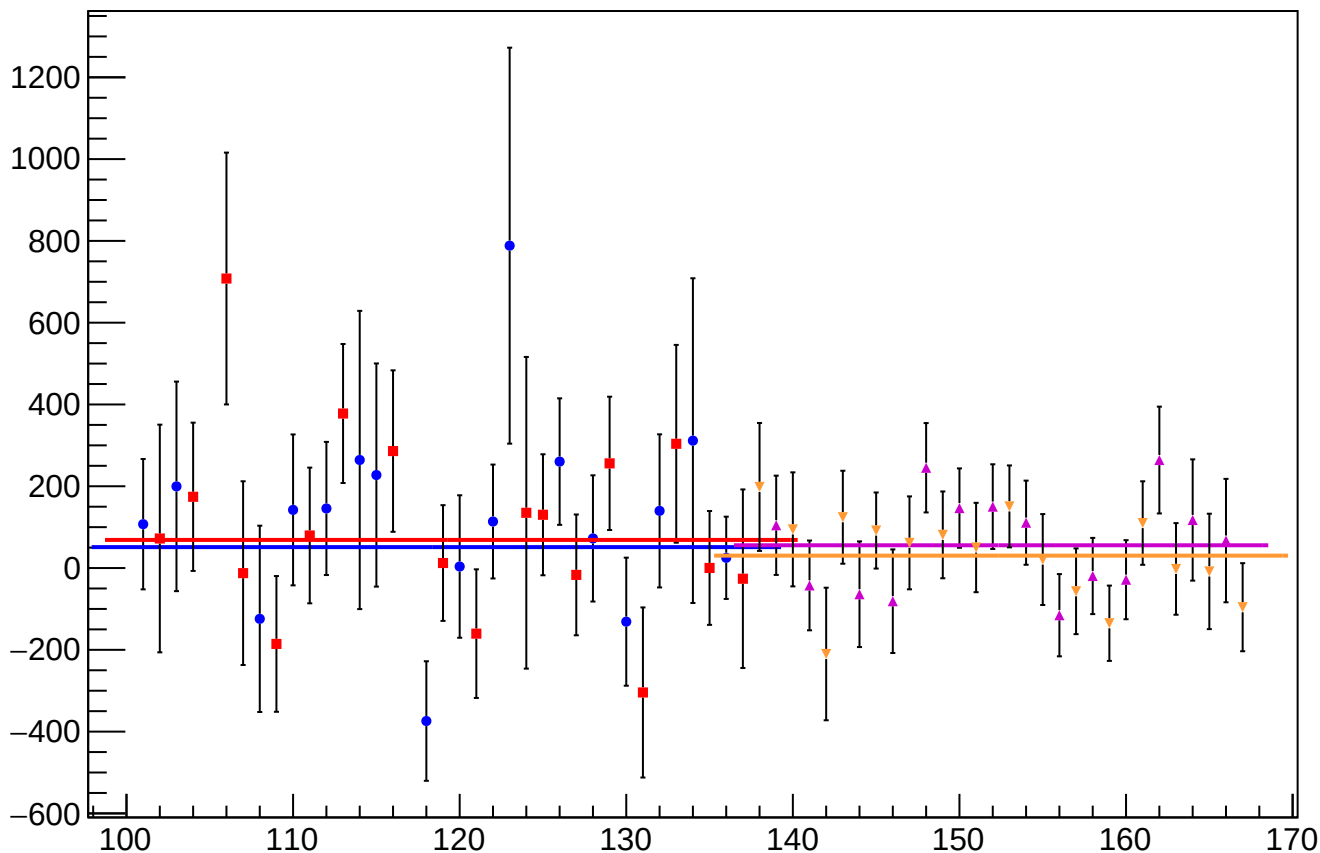
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 409.066+/-0.071 χ^2/NDF : 1984504.9/30

Out: 409.248+/-0.068 χ^2/NDF : 2153641.3/33

All: 409.161+/-0.049 χ^2/NDF : 4138149.7/64

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 30.363 $\pm$ 28.006 χ^2 /NDF:12.5/15

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 55.673 $\pm$ 29.882 χ^2 /NDF:15.0/13

Left: 42.199 $\pm$ 20.434 χ^2 /NDF: 27.9/29

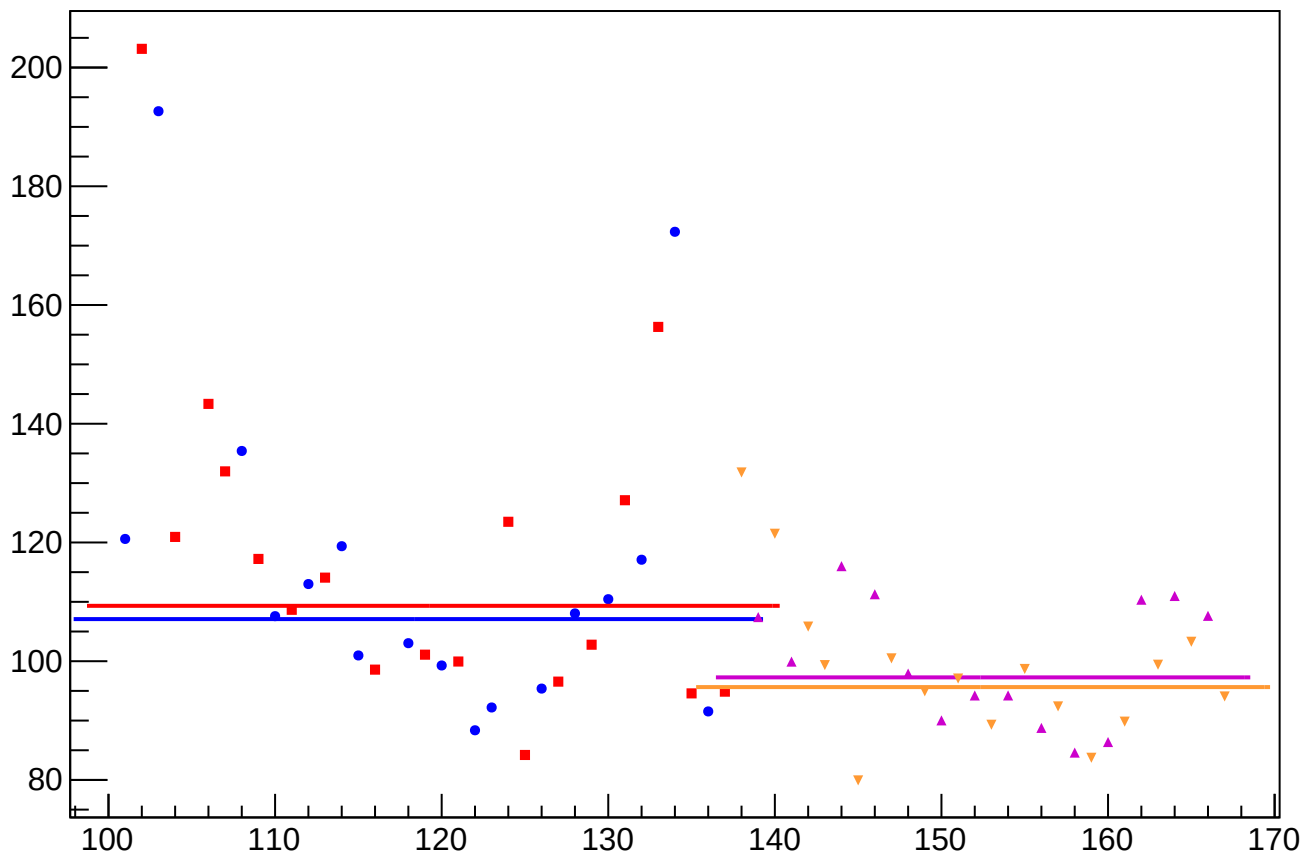
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 54.178 $\pm$ 24.429 χ^2 /NDF:32.4/30

Out: 41.879 $\pm$ 23.435 χ^2 /NDF:33.5/33

All: 47.773 $\pm$ 16.912 χ^2 /NDF: 66.0/64

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.640 $\pm$ 0.020 χ^2 /NDF:306663.8/15

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 97.277 $\pm$ 0.021 χ^2 /NDF:219674.9/13

Left: 96.405 $\pm$ 0.014 χ^2 /NDF: 529533.0/29

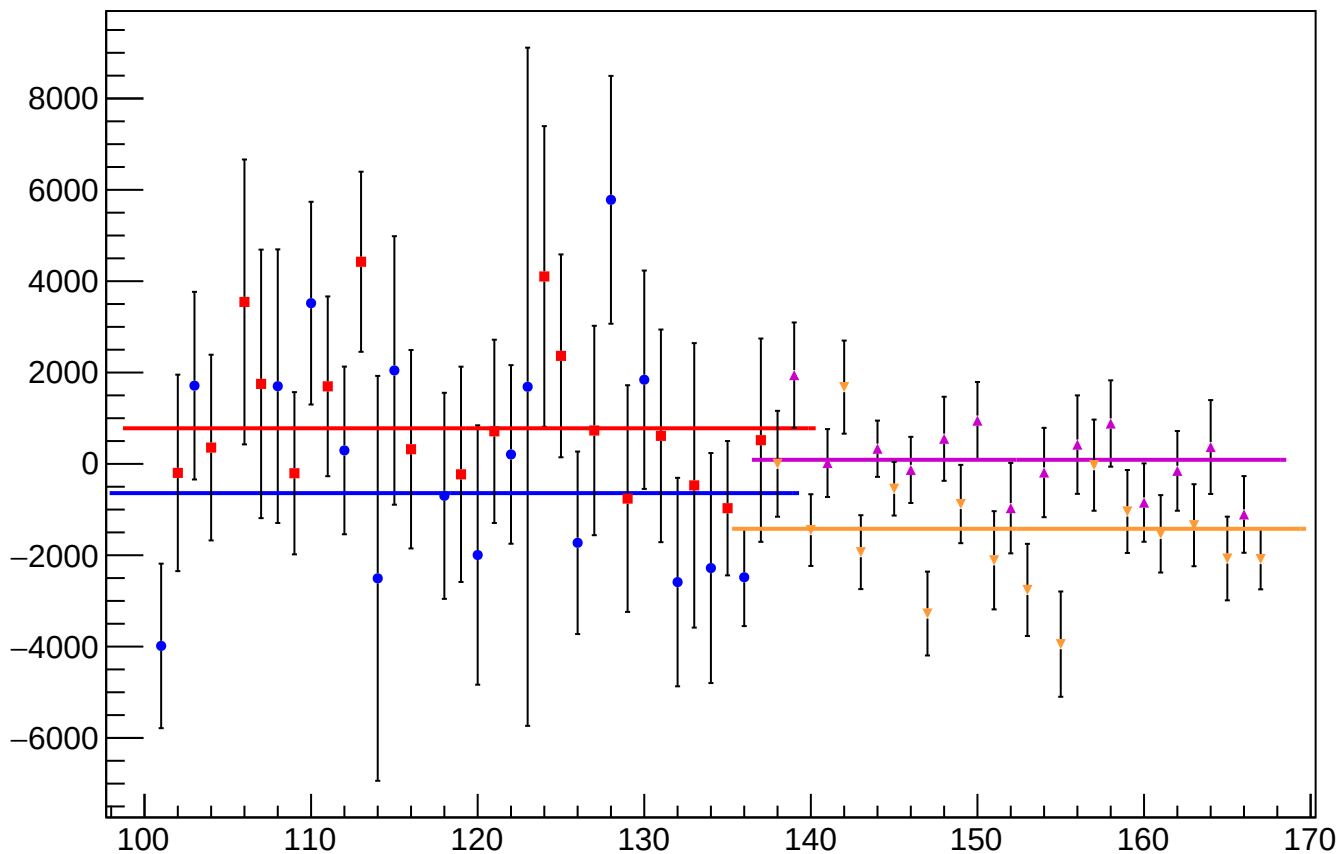
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 100.533 $\pm$ 0.017 χ^2 /NDF:729030.6/30

Out: 99.743 $\pm$ 0.017 χ^2 /NDF:955932.6/33

All: 100.122 $\pm$ 0.012 χ^2 /NDF: 1686050.7/64

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 χ^2/NDF : 21.8/16

Left Out: -1420.724 ± 217.086 χ^2/NDF : 28.5/15

Right Out: 779.450 ± 516.450 χ^2/NDF : 8.8/17

Left In: 89.806 ± 230.864 χ^2/NDF : 9.5/13

Left: -711.878 ± 158.150 χ^2/NDF : 60.7/29

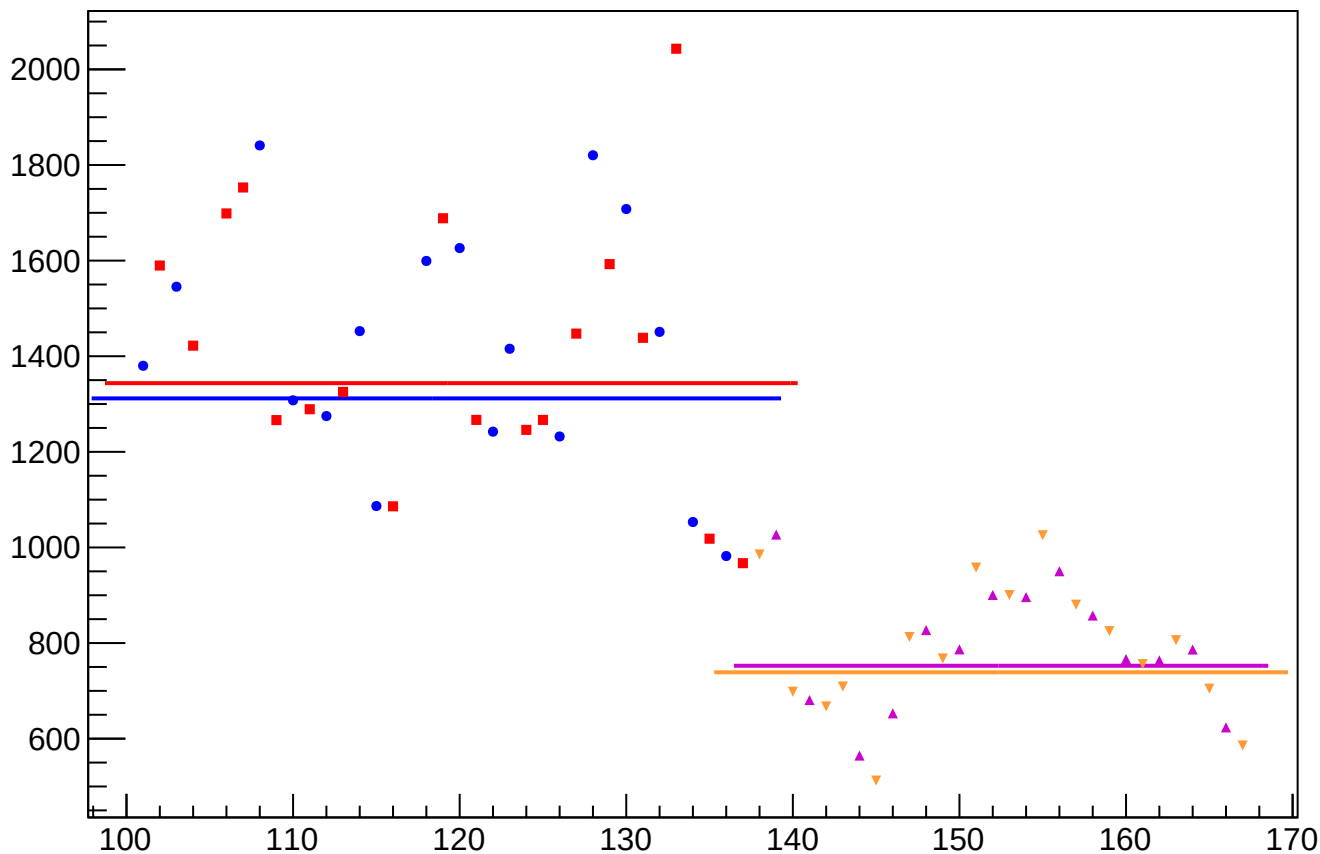
Right: 73.635 ± 366.171 χ^2/NDF : 34.4/34

In: -30.626 ± 210.953 χ^2/NDF : 32.9/30

Out: -1090.353 ± 200.125 χ^2/NDF : 52.8/33

All: -588.386 ± 145.187 χ^2/NDF : 99.0/64

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: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 752.513+/-0.163 χ^2/NDF : 602206.4/13

Left: 745.284+/-0.112 χ^2/NDF : 1464592.1/29

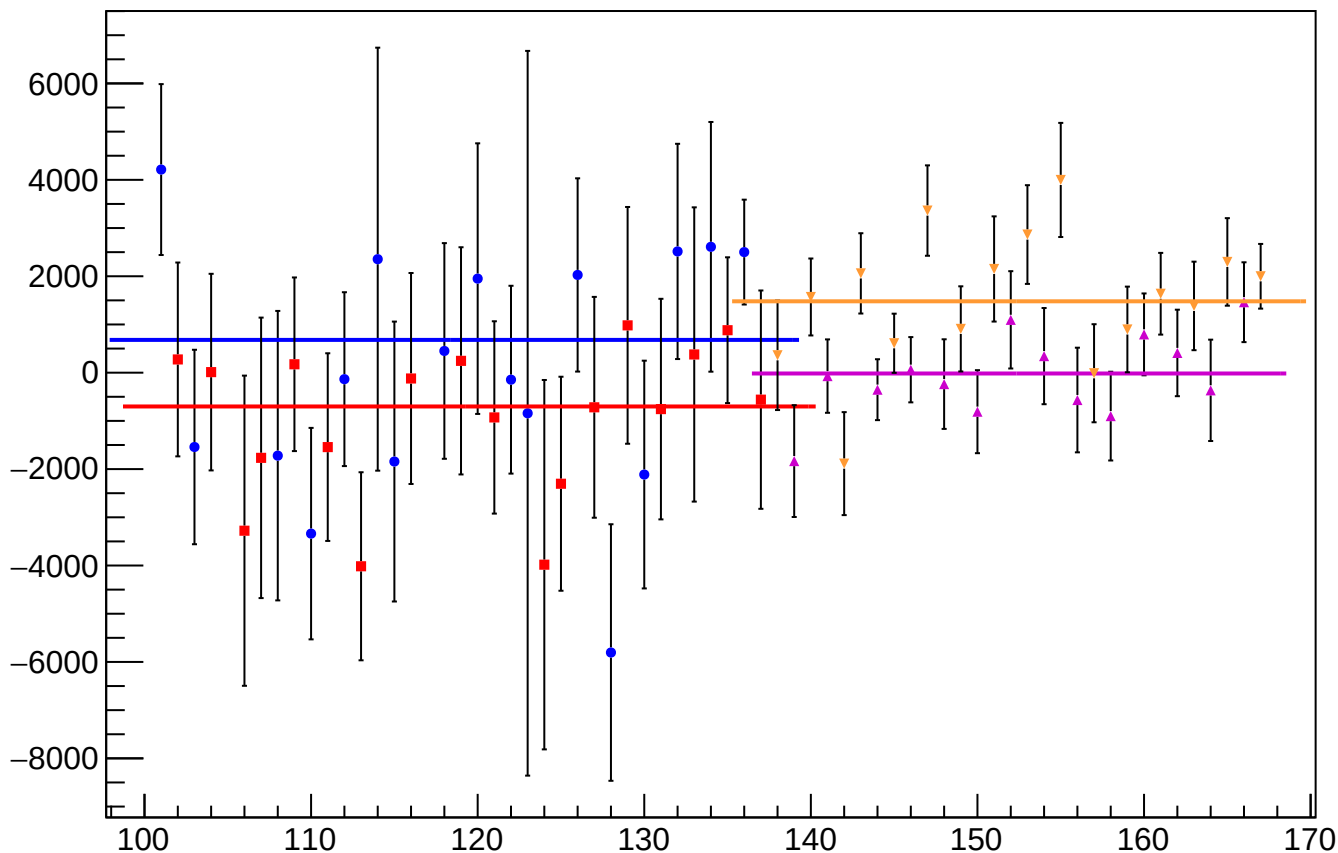
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 844.825+/-0.149 χ^2/NDF : 3052196.6/30

Out: 829.701+/-0.142 χ^2/NDF : 3650415.2/33

All: 836.865+/-0.103 χ^2/NDF : 6708022.0/64

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2/NDF : 22.6/16

Left Out: 1480.514 $\pm$ 220.899 χ^2/NDF :28.6/15

Right Out: -700.930 $\pm$ 517.319 χ^2/NDF : 7.6/17

Left In: -16.782 $\pm$ 231.415 χ^2/NDF :10.6/13

Left: 766.657 $\pm$ 159.787 χ^2/NDF : 61.2/29

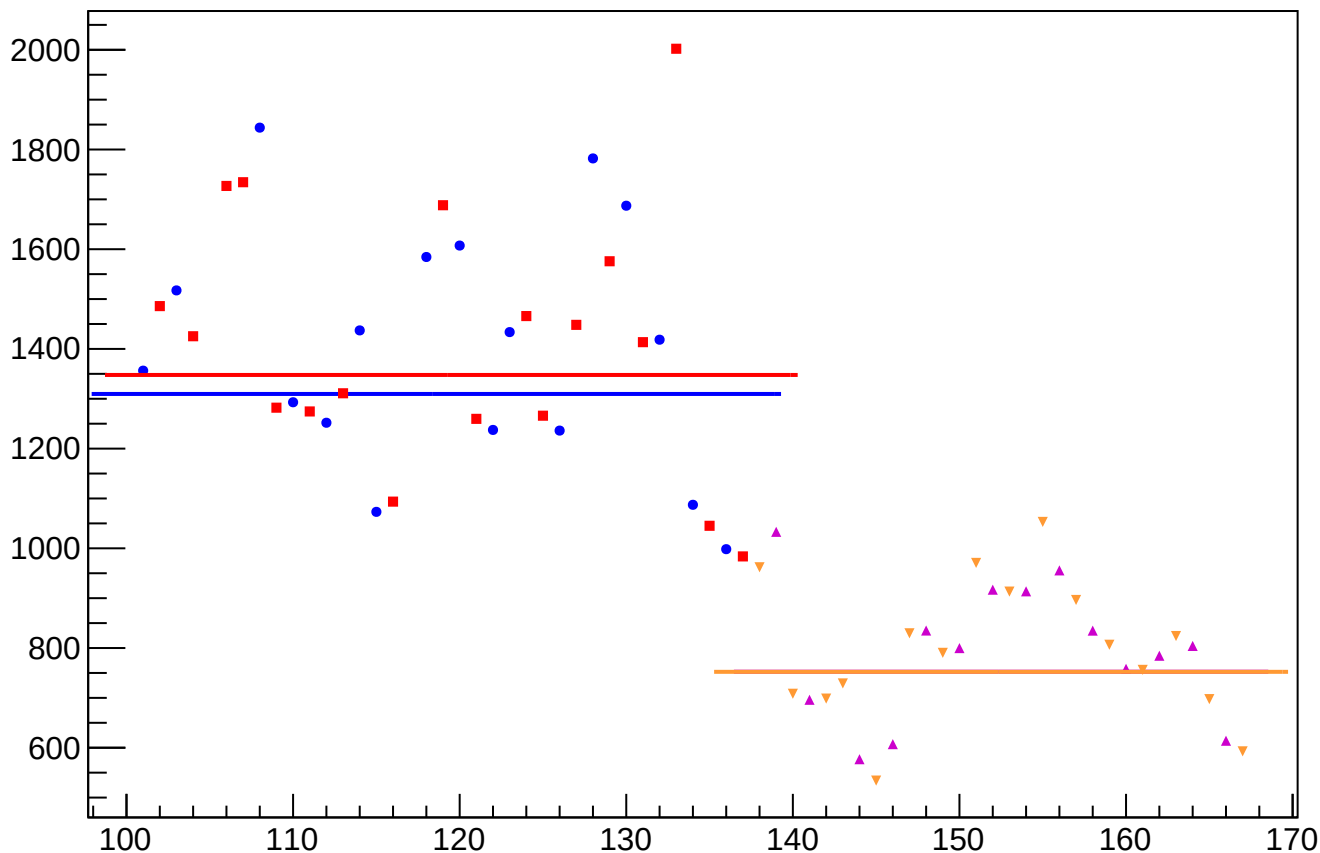
Right: -10.753 $\pm$ 365.867 χ^2/NDF : 33.8/34

In: 99.318 $\pm$ 211.255 χ^2/NDF :34.7/30

Out: 1144.100 $\pm$ 203.153 χ^2/NDF :51.3/33

All: 642.127 $\pm$ 146.431 χ^2/NDF : 98.7/64

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 752.251 $\pm$ 0.156 χ^2 /NDF: 789933.3/15

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 752.487 $\pm$ 0.164 χ^2 /NDF: 651530.7/13

Left: 752.364 $\pm$ 0.113 χ^2 /NDF: 1441465.1/29

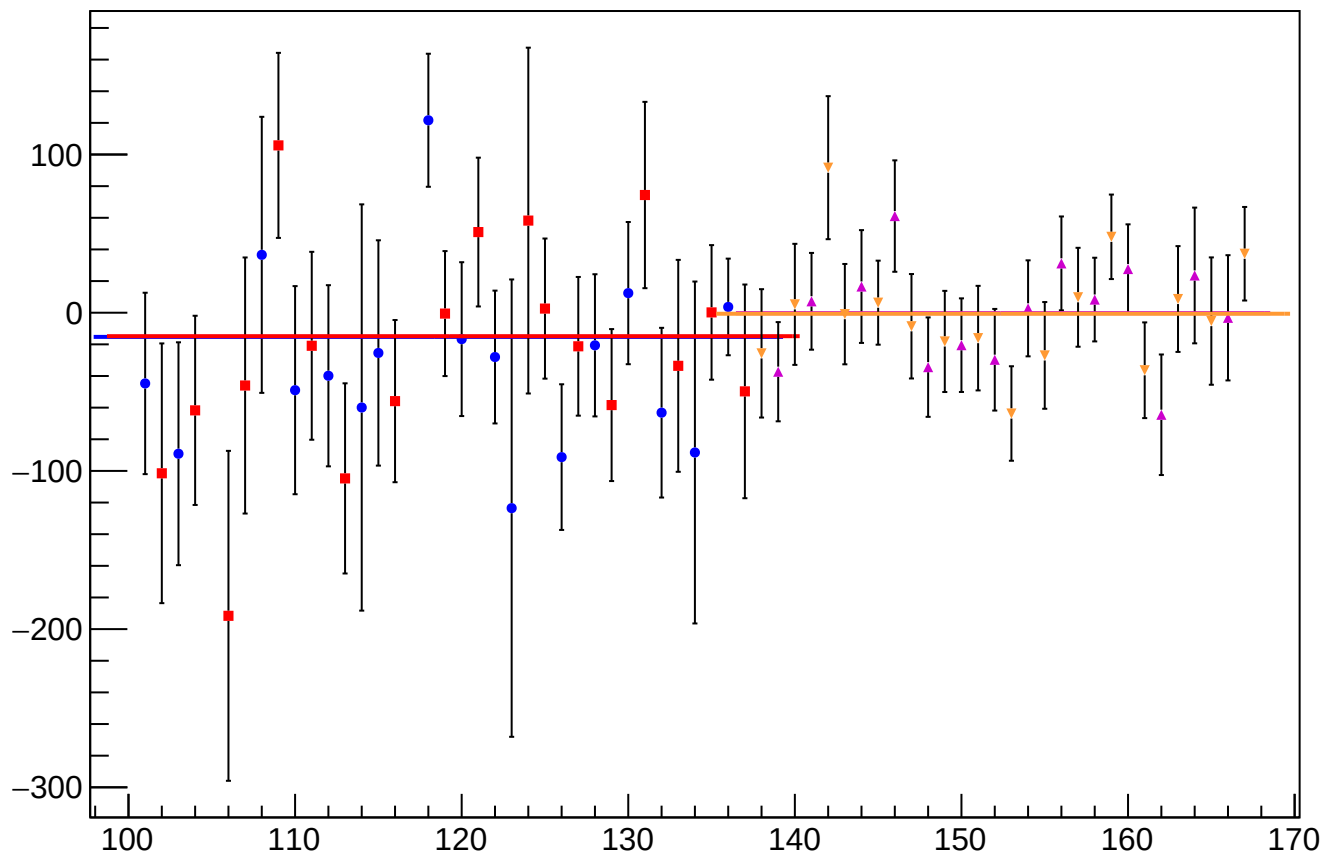
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 845.334 $\pm$ 0.149 χ^2 /NDF: 3042808.1/30

Out: 844.089 $\pm$ 0.144 χ^2 /NDF: 3436890.0/33

All: 844.687 $\pm$ 0.104 χ^2 /NDF: 6479734.2/64

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -0.652 ± 8.117 χ^2/NDF : 16.8/15

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -0.280 ± 8.582 χ^2/NDF : 12.6/13

Left: -0.476 ± 5.897 χ^2/NDF : 29.4/29

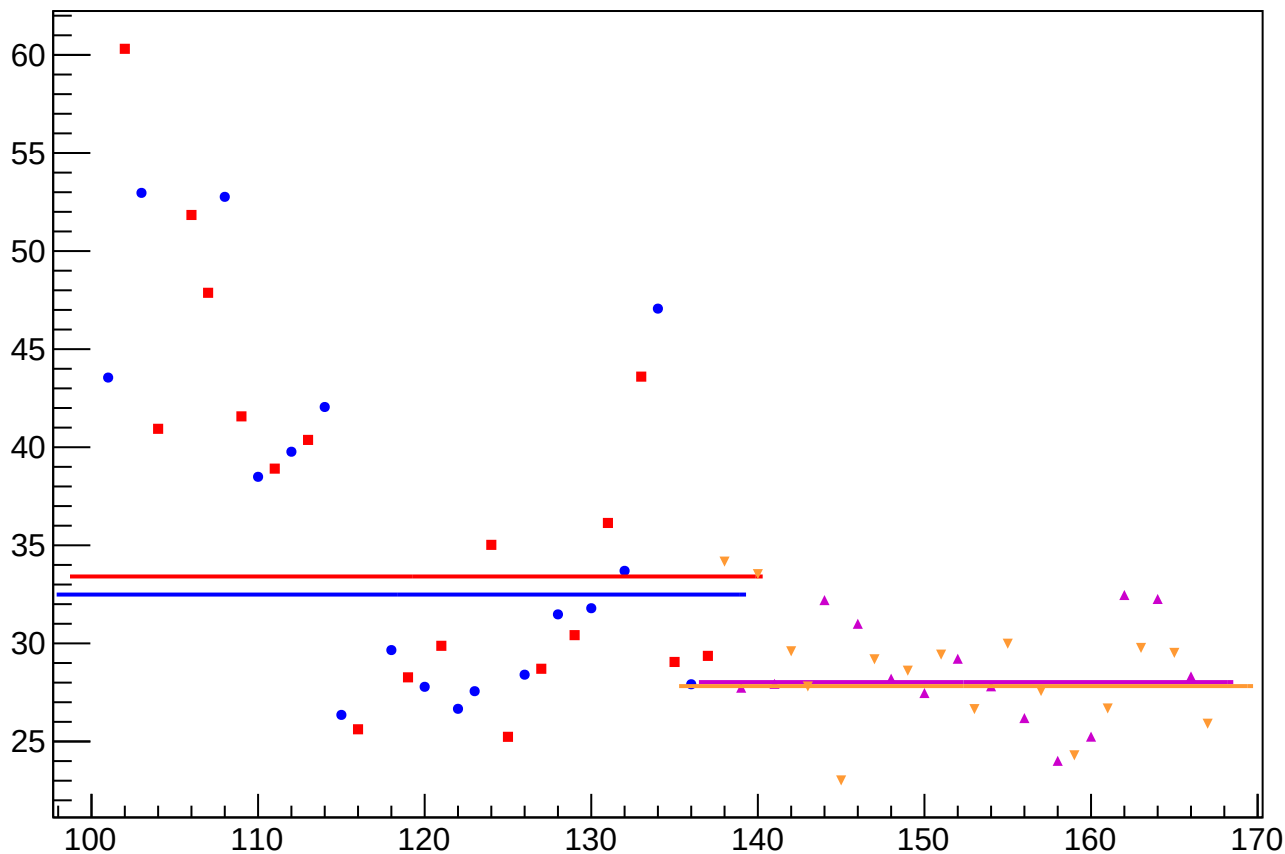
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -4.879 ± 7.146 χ^2/NDF : 31.8/30

Out: -4.589 ± 6.900 χ^2/NDF : 35.9/33

All: -4.729 ± 4.964 χ^2/NDF : 67.7/64

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.823+/-0.006 χ^2/NDF : 239358.7/15

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 28.027+/-0.006 χ^2/NDF : 165419.2/13

Left: 27.919+/-0.004 χ^2/NDF : 405378.3/29

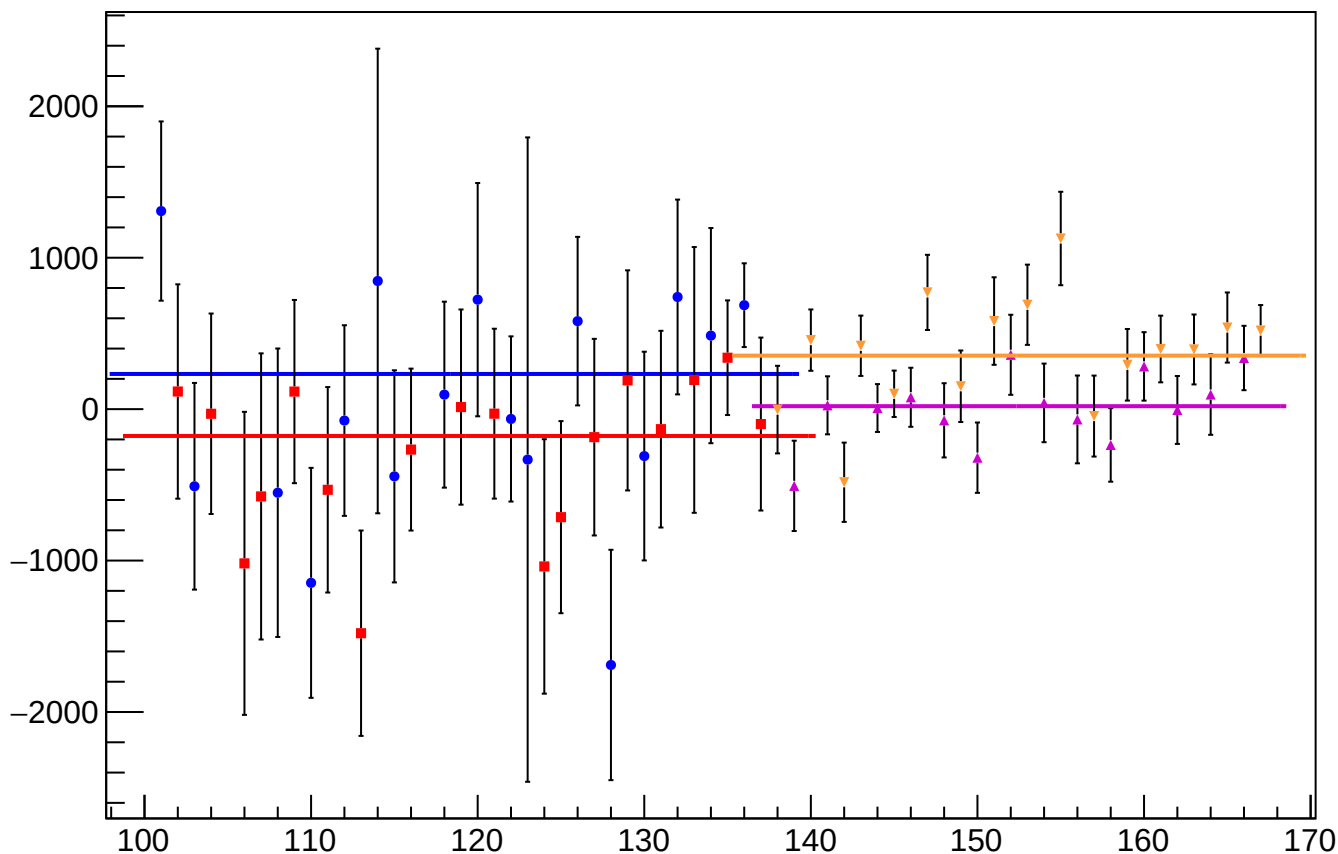
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 29.395+/-0.005 χ^2/NDF : 925627.3/30

Out: 29.374+/-0.005 χ^2/NDF : 1227615.4/33

All: 29.384+/-0.004 χ^2/NDF : 2153252.1/64

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 353.506 $\pm$ 56.370 χ^2 /NDF:30.8/15

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: 19.604 $\pm$ 60.437 χ^2 /NDF:12.0/13

Left: 198.166 $\pm$ 41.222 χ^2 /NDF: 59.2/29

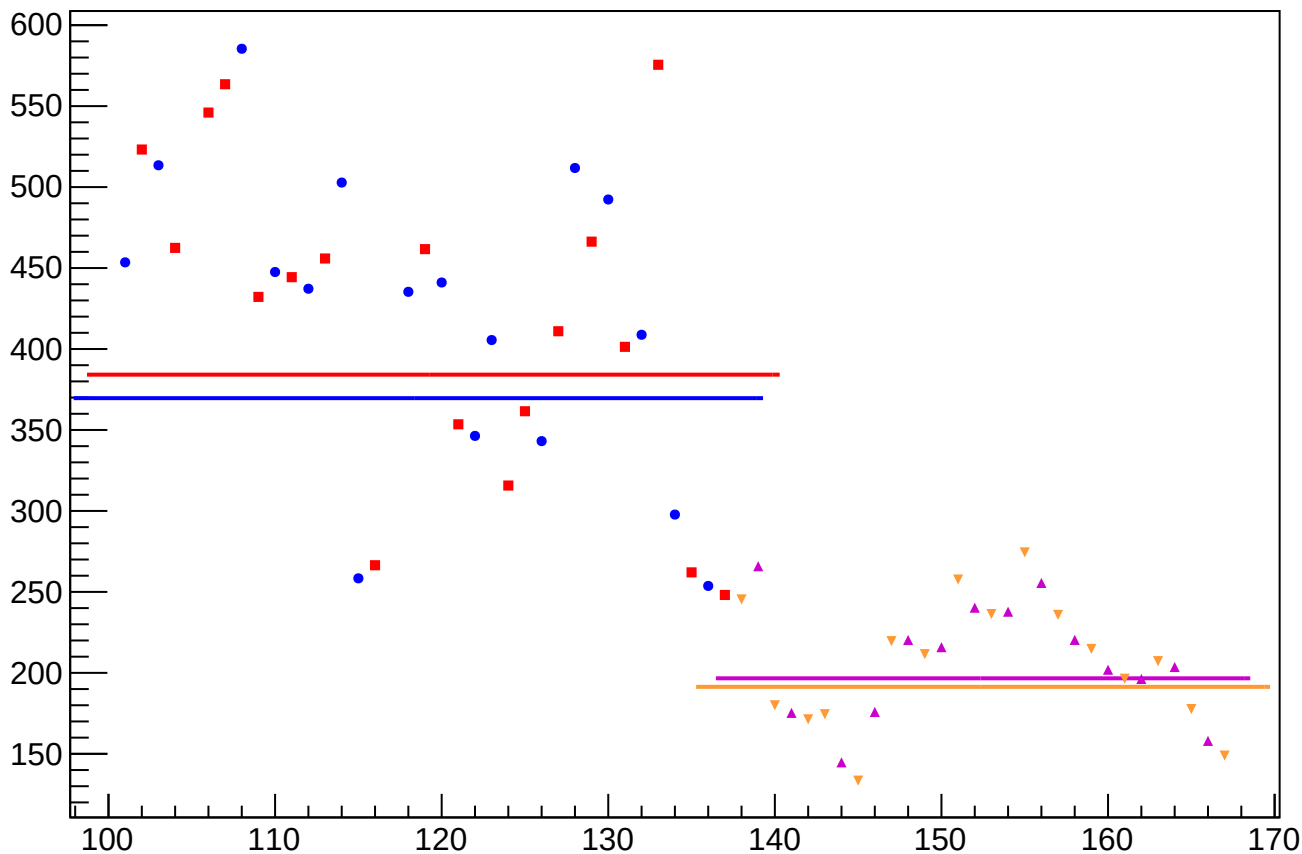
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 49.794 $\pm$ 55.984 χ^2 /NDF:35.3/30

Out: 287.840 $\pm$ 52.767 χ^2 /NDF:51.4/33

All: 175.853 $\pm$ 38.399 χ^2 /NDF: 96.2/64

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 191.371 $\pm$ 0.040 χ^2 /NDF: 955169.5/15

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 196.637 $\pm$ 0.043 χ^2 /NDF: 678381.1/13

Left: 193.820 $\pm$ 0.029 χ^2 /NDF: 1641671.2/29

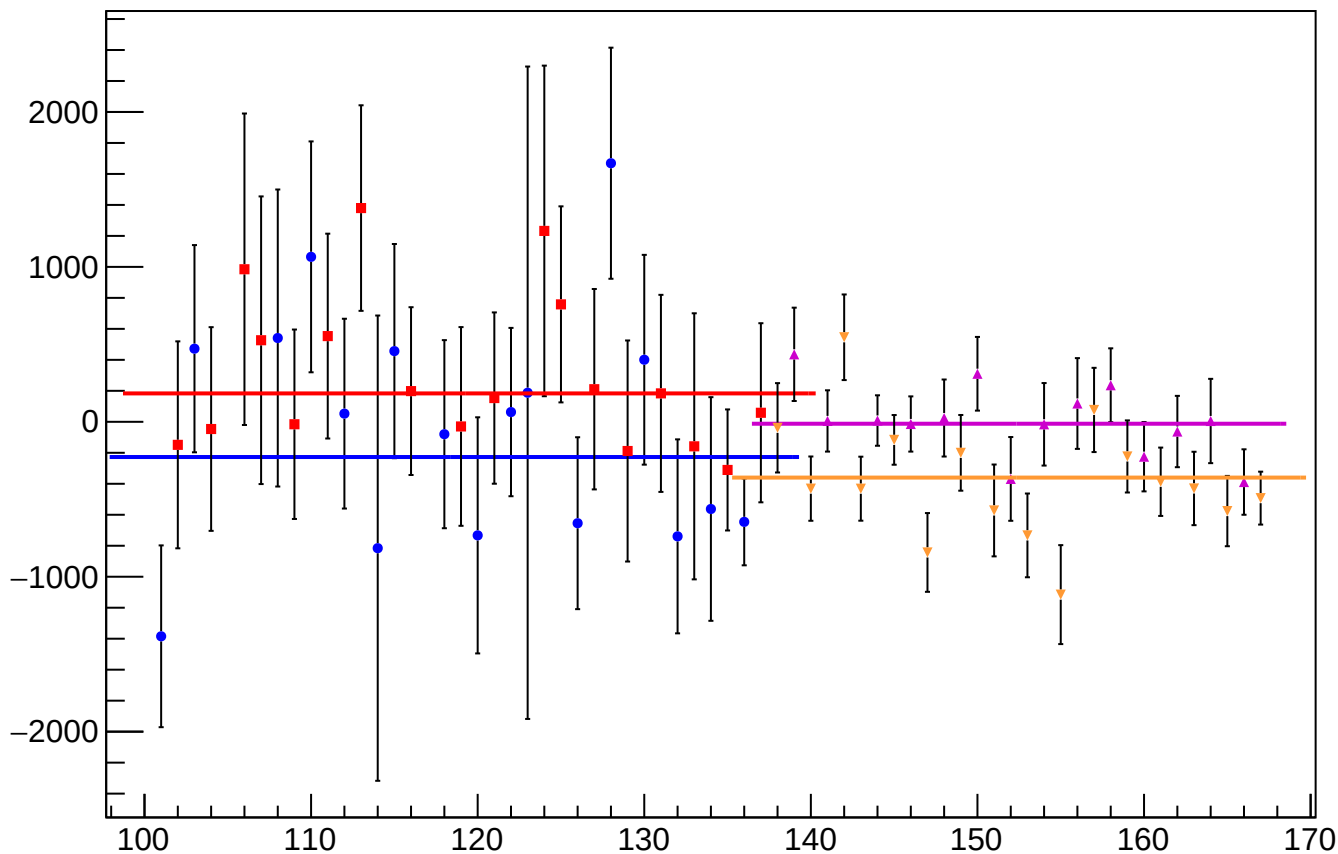
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 221.191 $\pm$ 0.040 χ^2 /NDF: 3907288.5/30

Out: 215.229 $\pm$ 0.037 χ^2 /NDF: 4725358.2/33

All: 218.034 $\pm$ 0.027 χ^2 /NDF: 8644660.5/64

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -359.999 ± 57.560 $\chi^2/\text{NDF}: 31.1/15$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: -12.398 ± 60.701 $\chi^2/\text{NDF}: 11.2/13$

Left: -195.424 ± 41.767 $\chi^2/\text{NDF}: 59.6/29$

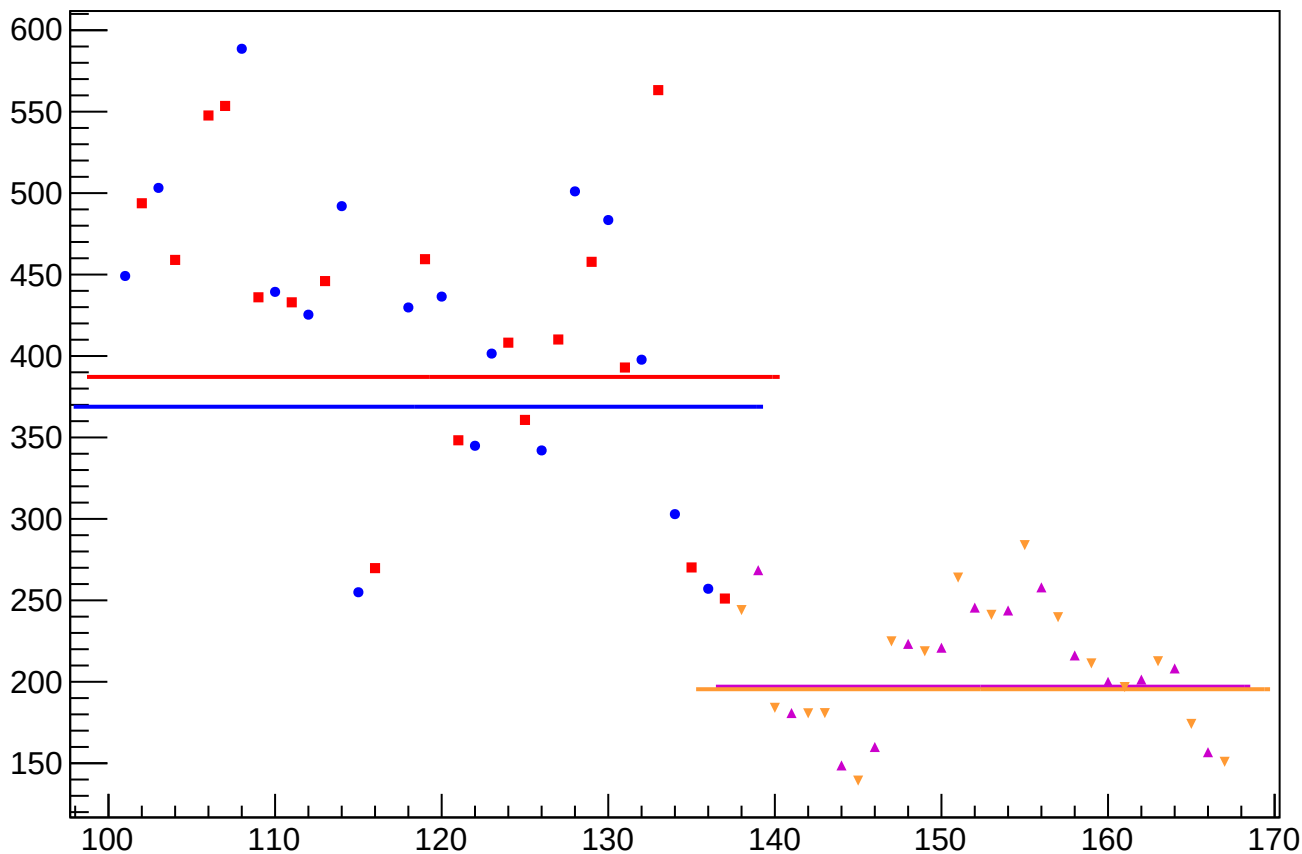
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -43.367 ± 56.157 $\chi^2/\text{NDF}: 34.9/30$

Out: -290.656 ± 53.762 $\chi^2/\text{NDF}: 51.3/33$

All: -172.397 ± 38.834 $\chi^2/\text{NDF}: 96.3/64$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 195.439 $\pm$ 0.041 χ^2/NDF : 912206.4/15

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 197.000 $\pm$ 0.043 χ^2/NDF : 734103.8/13

Left: 196.178 $\pm$ 0.030 χ^2/NDF : 1647007.0/29

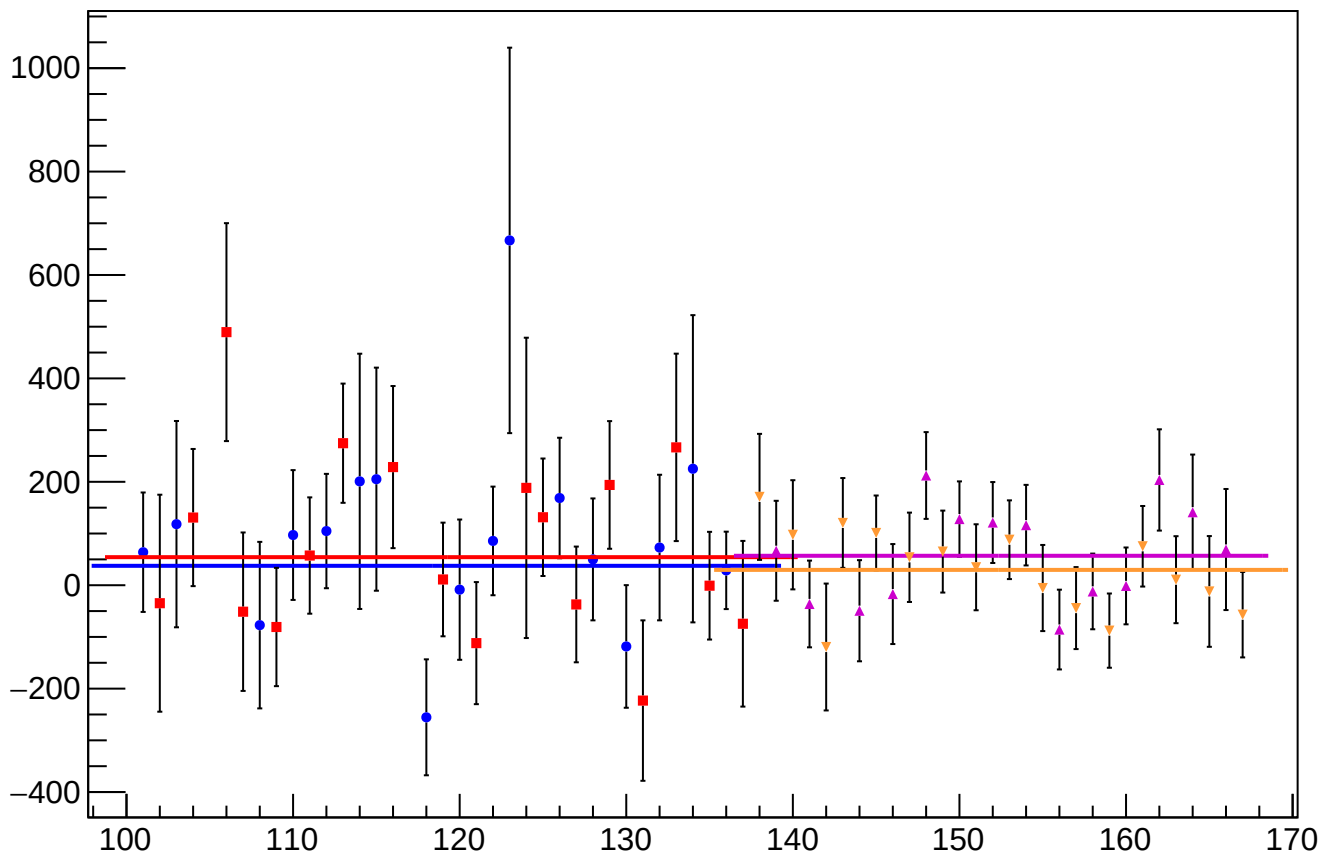
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 221.770 $\pm$ 0.040 χ^2/NDF : 3874506.8/30

Out: 219.909 $\pm$ 0.038 χ^2/NDF : 4502356.5/33

All: 220.799 $\pm$ 0.027 χ^2/NDF : 8378009.3/64

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 29.649 $\pm$ 21.350 χ^2 /NDF:11.5/15

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 56.938 $\pm$ 22.865 χ^2 /NDF:16.4/13

Left: 42.360 $\pm$ 15.605 χ^2 /NDF: 28.7/29

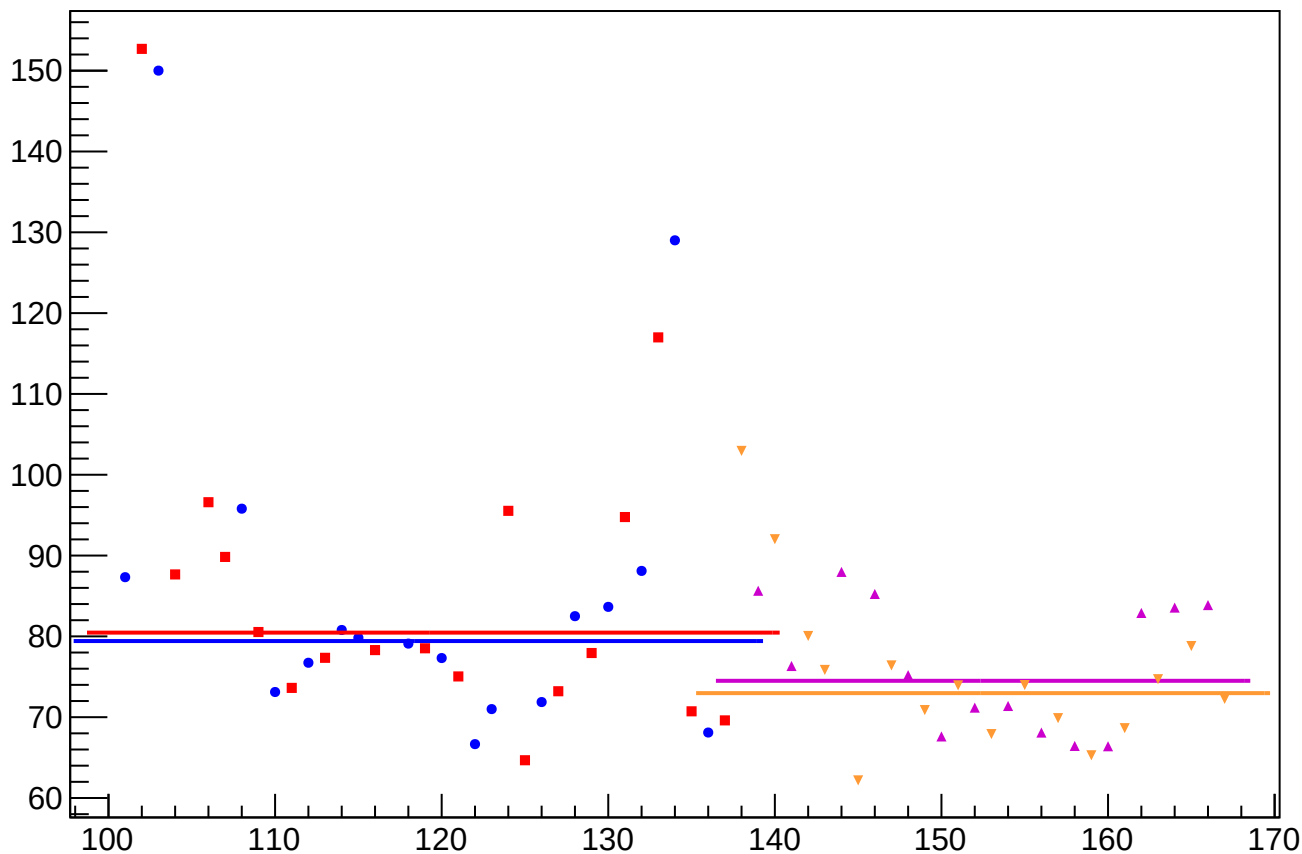
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 50.232 $\pm$ 18.496 χ^2 /NDF:32.5/30

Out: 37.404 $\pm$ 17.671 χ^2 /NDF:33.7/33

All: 43.525 $\pm$ 12.777 χ^2 /NDF: 66.5/64

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 72.976 $\pm$ 0.015 χ^2 /NDF:292439.3/15

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 74.502 $\pm$ 0.016 χ^2 /NDF:217543.5/13

Left: 73.687 $\pm$ 0.011 χ^2 /NDF: 514737.5/29

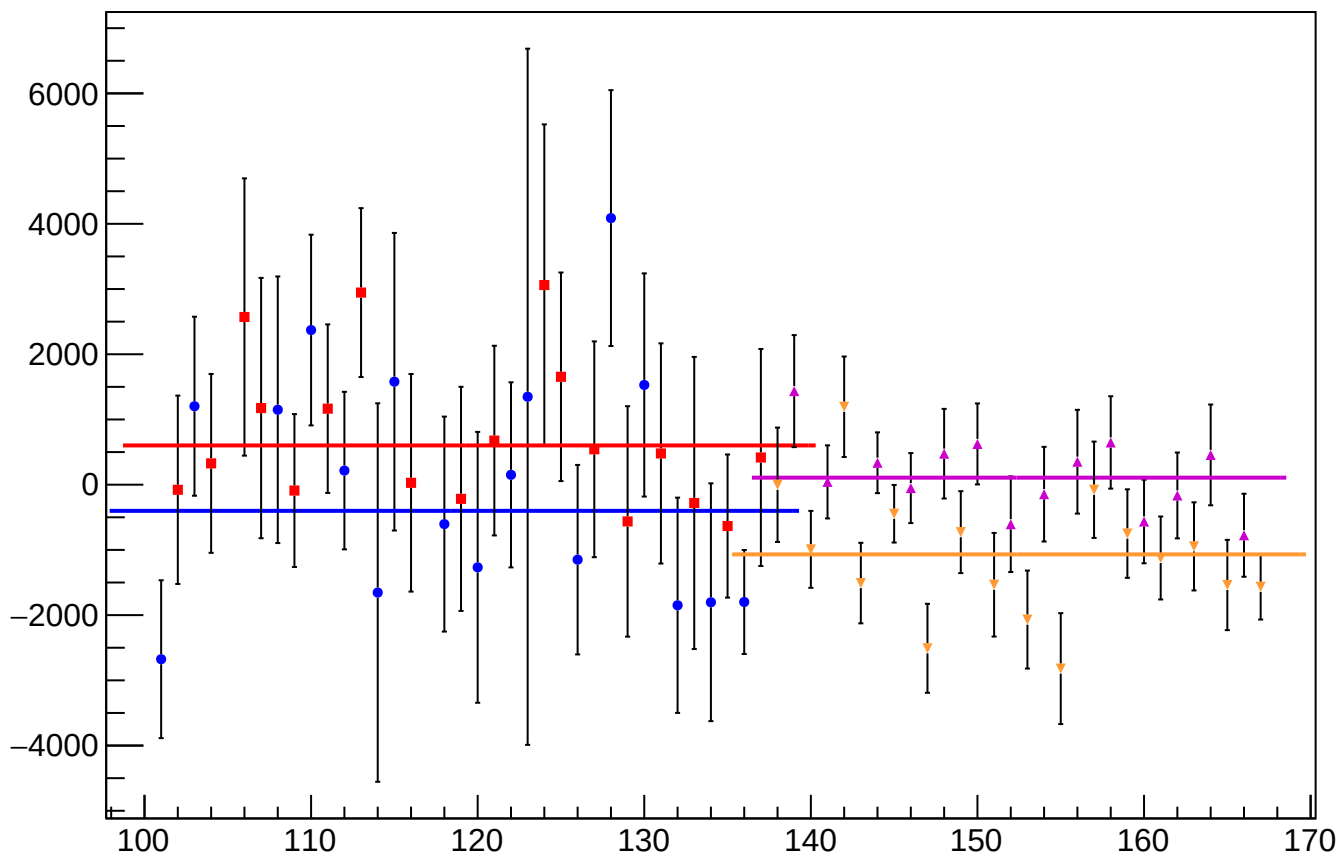
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.202 $\pm$ 0.013 χ^2 /NDF:688593.1/30

Out: 75.335 $\pm$ 0.012 χ^2 /NDF:824312.7/33

All: 75.749 $\pm$ 0.009 χ^2 /NDF: 1515205.0/64

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -1068.568 ± 162.765 $\chi^2/\text{NDF}: 27.2/15$

Right Out: 601.891 ± 363.668 $\chi^2/\text{NDF}: 8.7/17$

Left In: 107.869 ± 172.660 $\chi^2/\text{NDF}: 8.9/13$

Left: -515.025 ± 118.436 $\chi^2/\text{NDF}: 60.7/29$

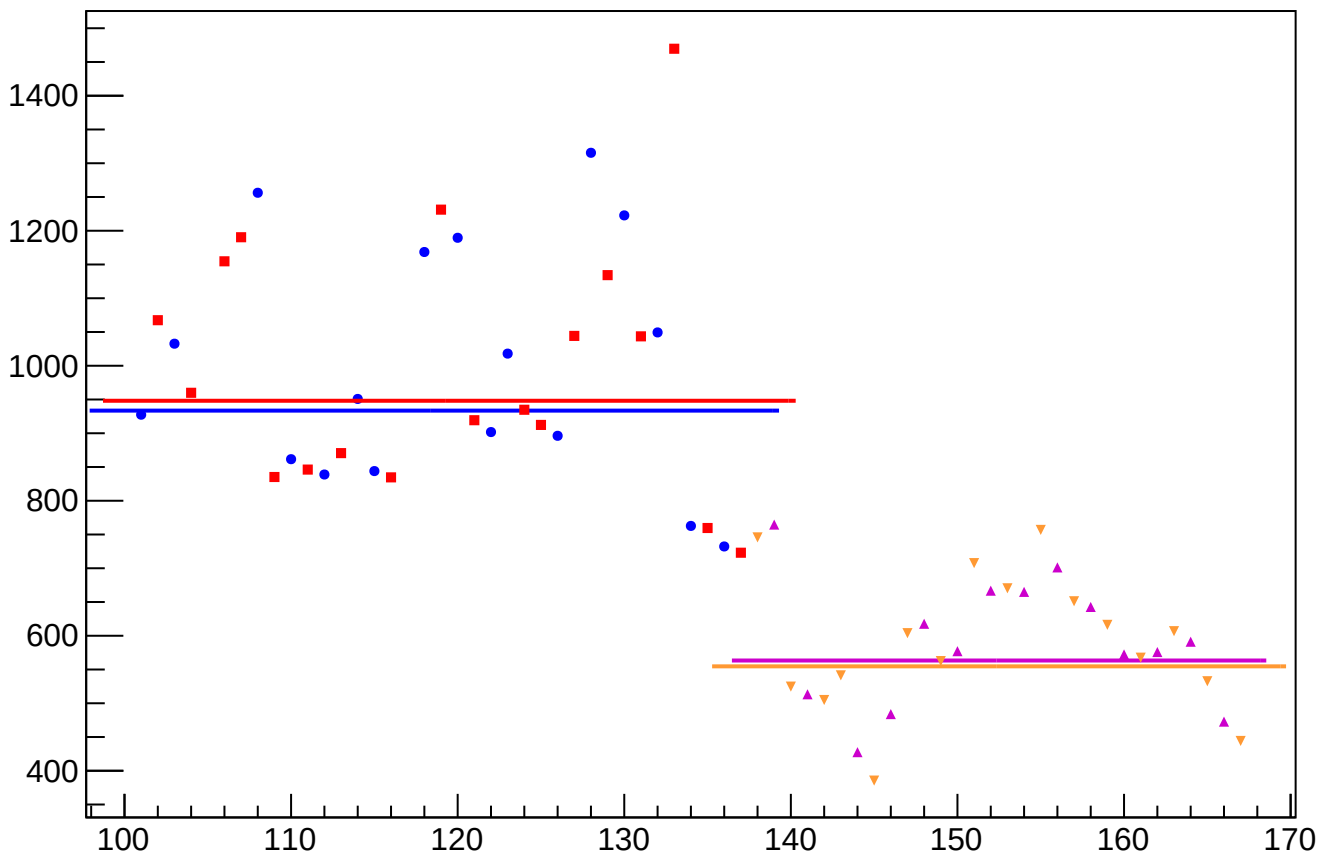
Right: 107.014 ± 258.836 $\chi^2/\text{NDF}: 34.4/34$

In: 16.247 ± 156.347 $\chi^2/\text{NDF}: 32.3/30$

Out: -789.793 ± 148.564 $\chi^2/\text{NDF}: 53.5/33$

All: -407.336 ± 107.697 $\chi^2/\text{NDF}: 99.8/64$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2/NDF : 442321.9/16

Left Out: 554.681 $\pm$ 0.115 χ^2/NDF : 810419.4/15

Right Out: 948.131 $\pm$ 0.257 χ^2/NDF : 405153.7/17

Left In: 563.339 $\pm$ 0.122 χ^2/NDF : 561327.9/13

Left: 558.755 $\pm$ 0.084 χ^2/NDF : 1374409.5/29

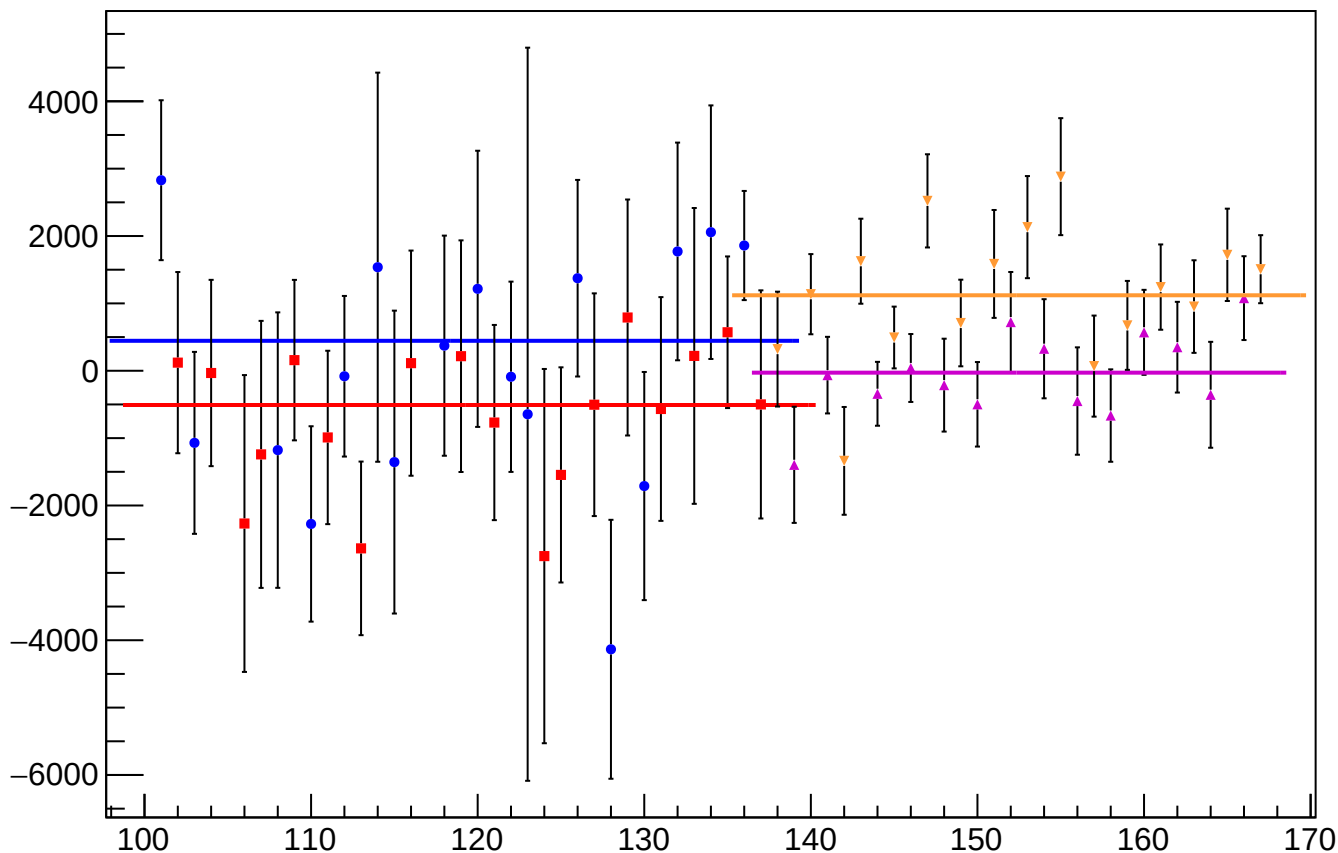
Right: 940.927 $\pm$ 0.183 χ^2/NDF : 849066.3/34

In: 629.986 $\pm$ 0.111 χ^2/NDF : 2658854.1/30

Out: 620.342 $\pm$ 0.105 χ^2/NDF : 3165886.1/33

All: 624.918 $\pm$ 0.076 χ^2/NDF : 5828738.6/64

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1120.444+/-164.608 χ^2/NDF : 27.4/15

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -28.279+/-172.149 χ^2/NDF : 10.6/13

Left: 571.792+/-118.972 χ^2/NDF : 61.3/29

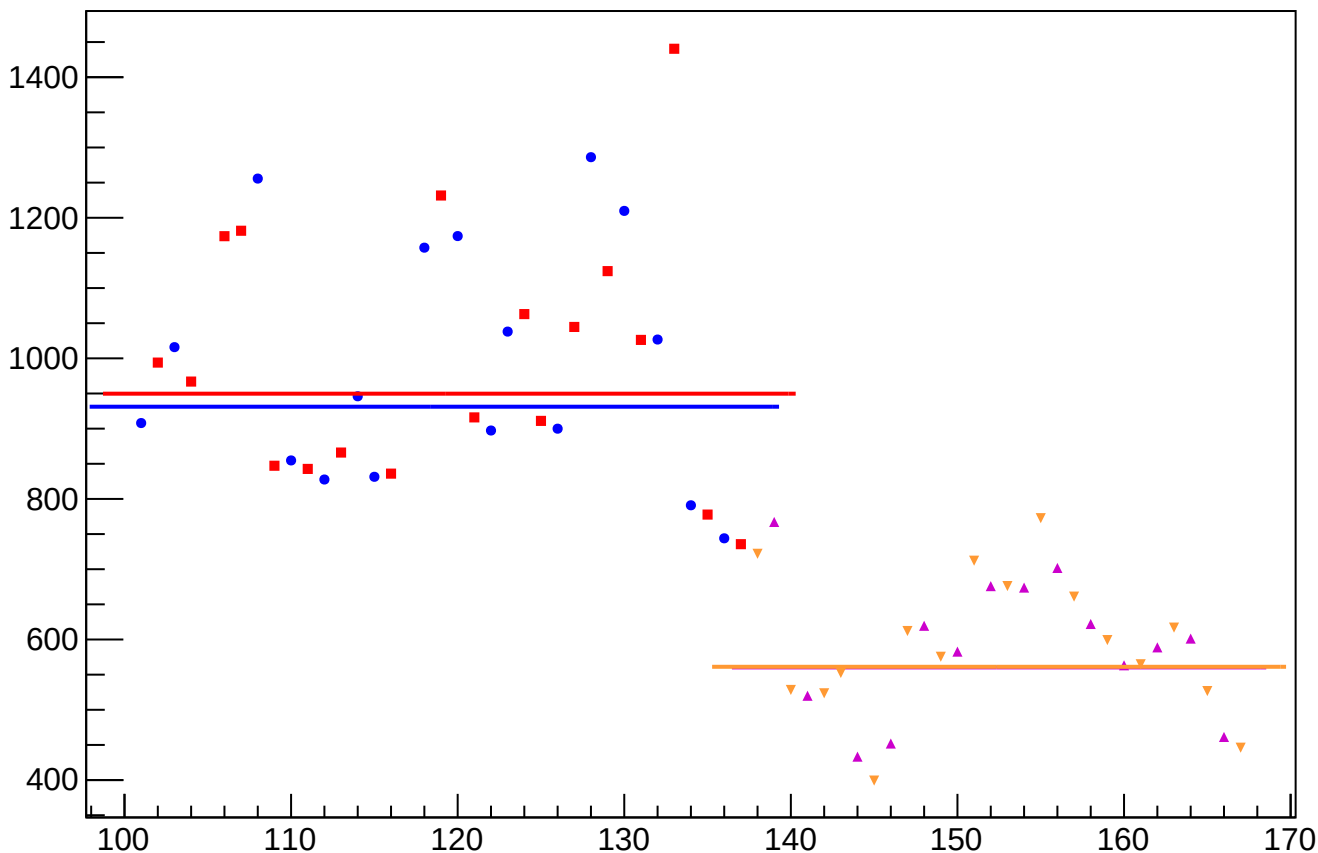
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 56.978+/-155.862 χ^2/NDF : 34.8/30

Out: 844.067+/-149.993 χ^2/NDF : 51.4/33

All: 465.621+/-108.076 χ^2/NDF : 99.4/64

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 561.186+/-0.116 χ^2/NDF : 743125.1/15

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 560.278+/-0.122 χ^2/NDF : 613331.3/13

Left: 560.752+/-0.084 χ^2/NDF : 1356485.5/29

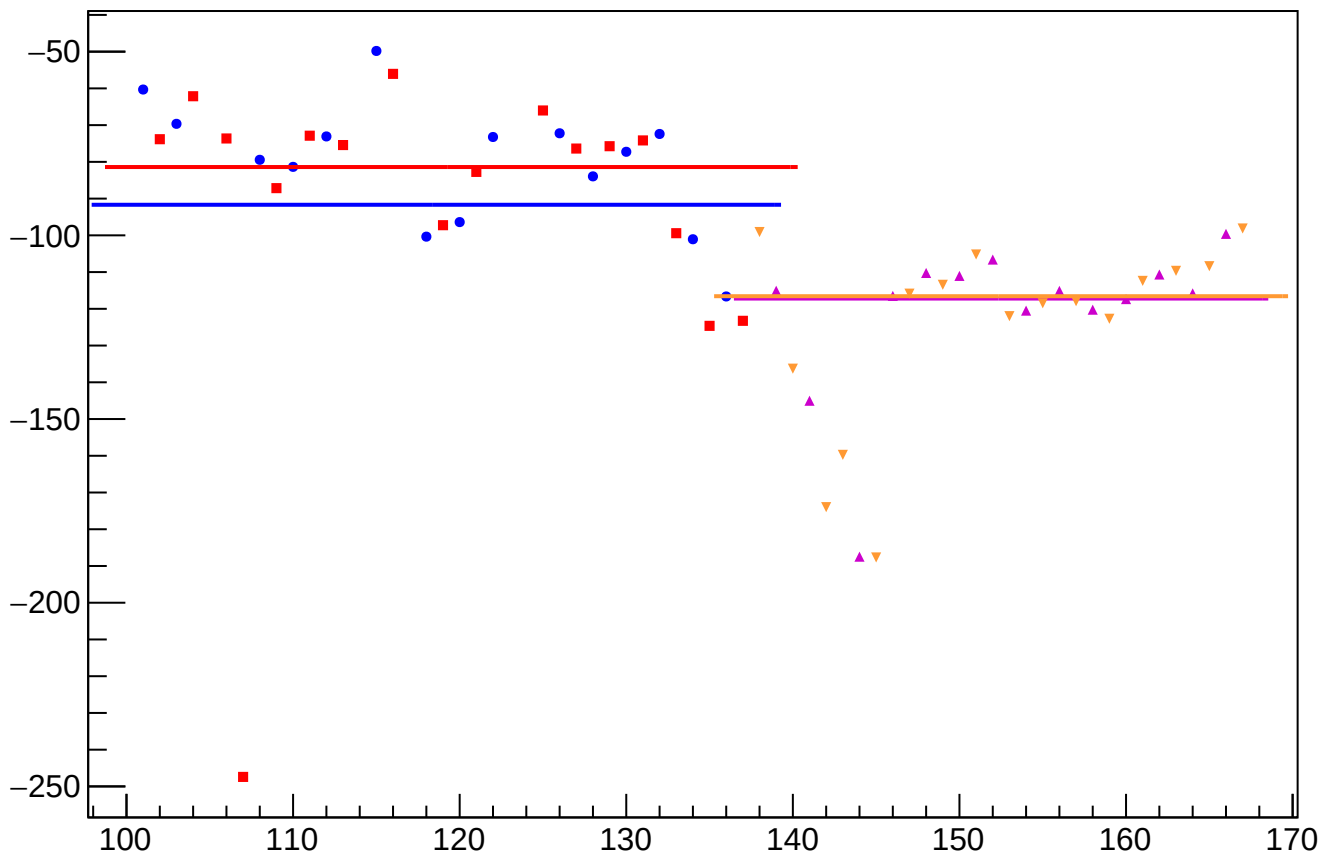
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 627.143+/-0.110 χ^2/NDF : 2687394.3/30

Out: 627.121+/-0.106 χ^2/NDF : 2999722.1/33

All: 627.132+/-0.076 χ^2/NDF : 5687116.4/64

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -116.567 ± 0.069 $\chi^2/\text{NDF}: 33987.0/15$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -117.207 ± 0.066 $\chi^2/\text{NDF}: 60305.3/13$

Left: -116.898 ± 0.048 $\chi^2/\text{NDF}: 94337.3/29$

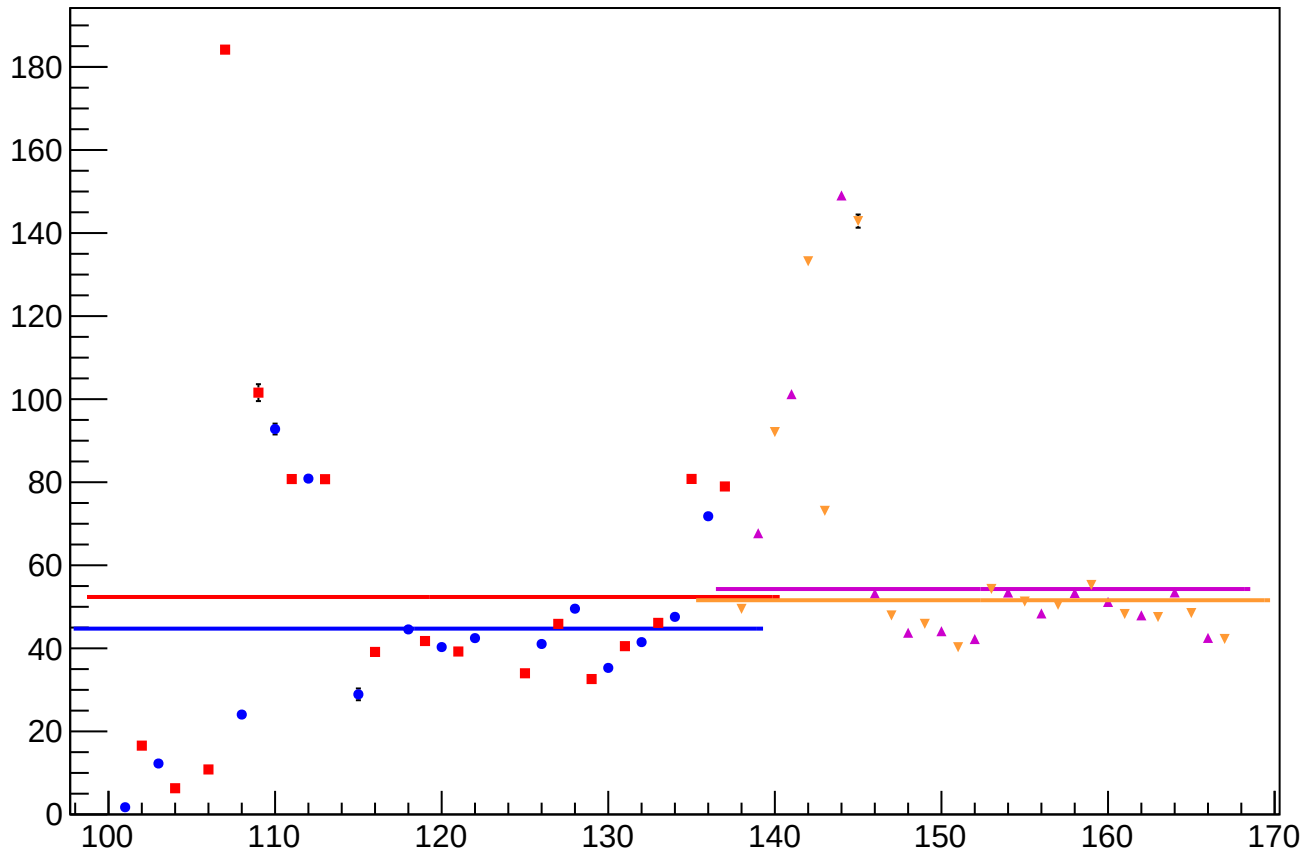
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -105.149 ± 0.048 $\chi^2/\text{NDF}: 194834.0/28$

Out: -105.057 ± 0.056 $\chi^2/\text{NDF}: 161464.1/32$

All: -105.110 ± 0.037 $\chi^2/\text{NDF}: 356299.7/61$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 51.584+/-0.057 χ^2/NDF : 46078.3/15

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 54.281+/-0.057 χ^2/NDF : 118080.5/13

Left: 52.927+/-0.040 χ^2/NDF : 165285.8/29

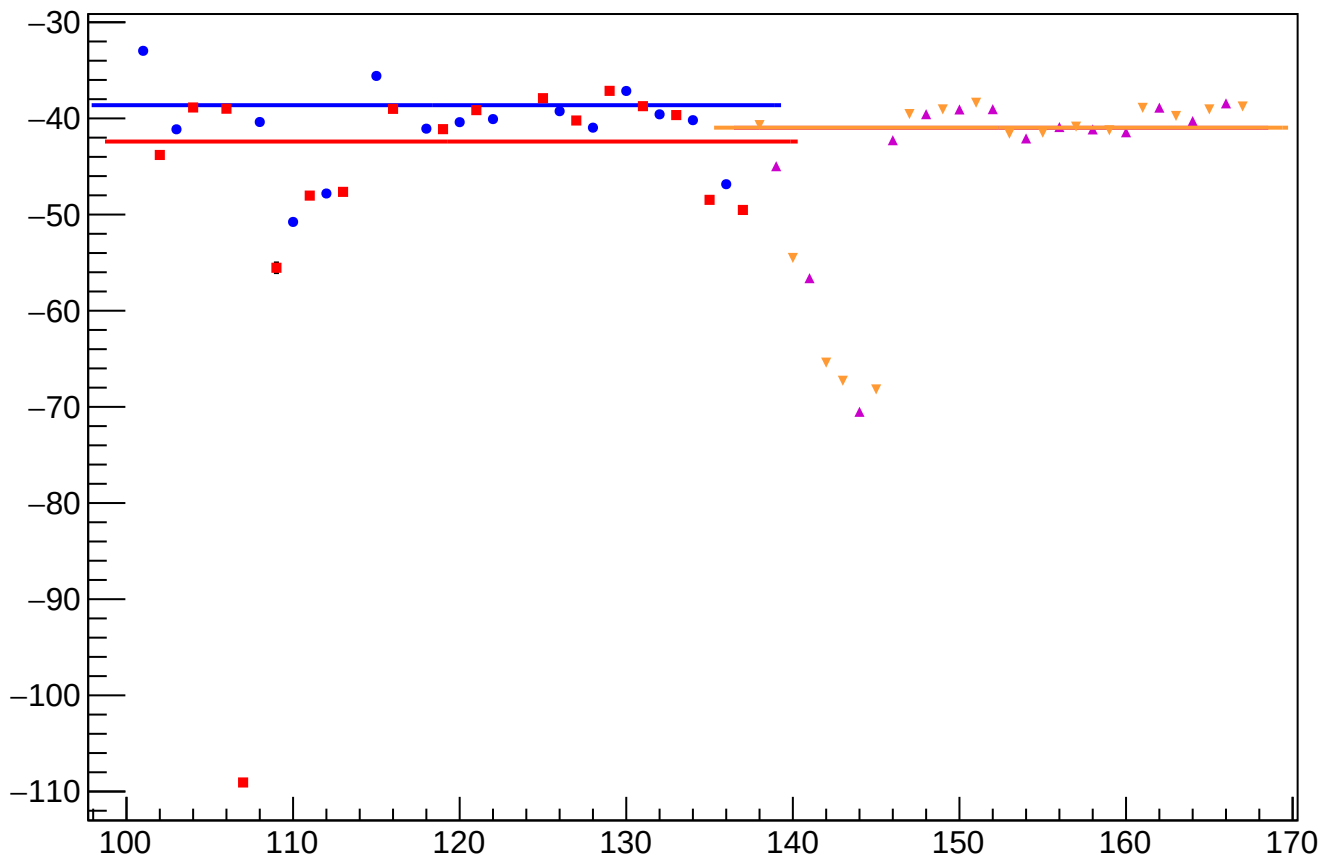
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 49.807+/-0.041 χ^2/NDF : 215937.3/28

Out: 51.743+/-0.051 χ^2/NDF : 115402.0/32

All: 50.585+/-0.032 χ^2/NDF : 332213.8/61

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.963 ± 0.008 $\chi^2/\text{NDF}: 196945.6/15$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.983 ± 0.009 $\chi^2/\text{NDF}: 151747.4/13$

Left: -40.972 ± 0.006 $\chi^2/\text{NDF}: 348695.3/29$

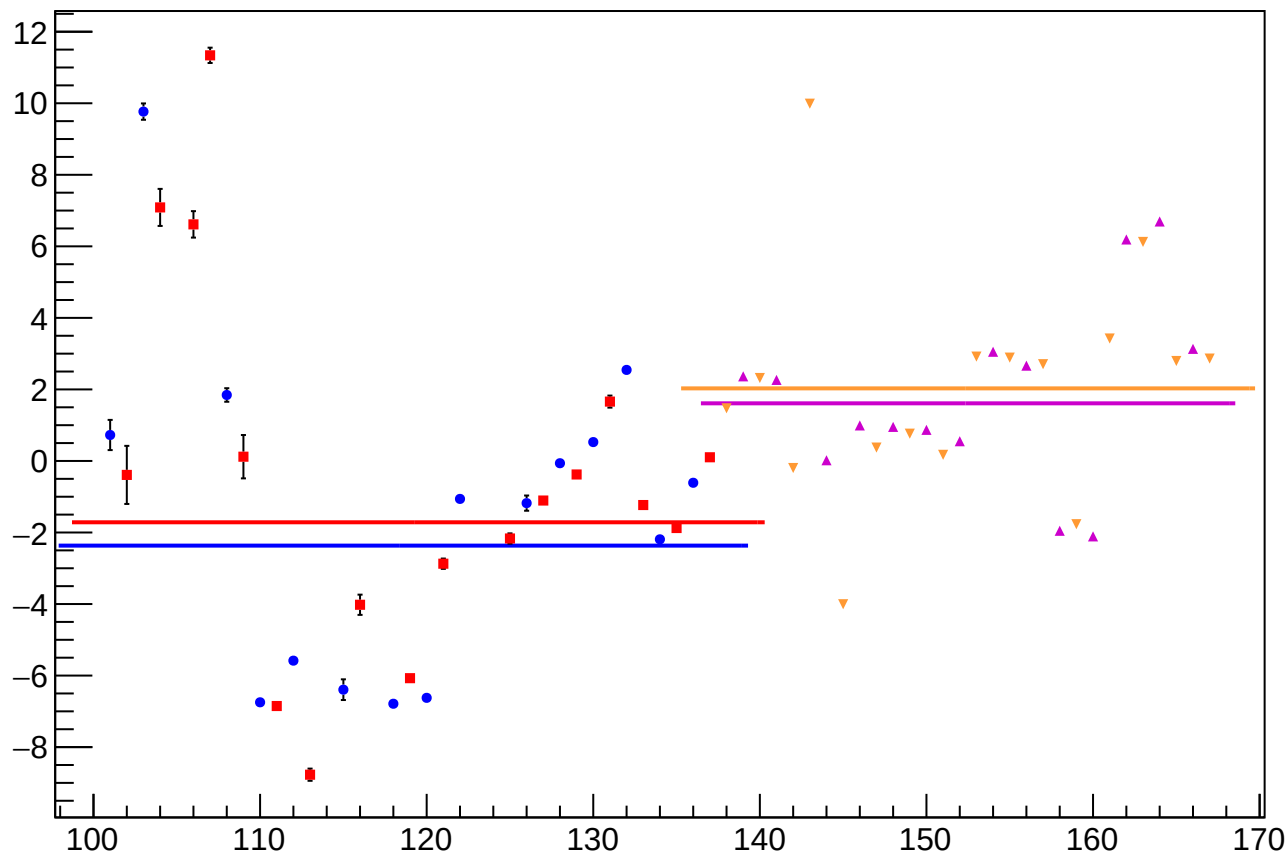
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.653 ± 0.006 $\chi^2/\text{NDF}: 427289.9/28$

Out: -41.159 ± 0.008 $\chi^2/\text{NDF}: 470057.0/32$

All: -40.234 ± 0.005 $\chi^2/\text{NDF}: 920029.3/61$

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: 1.611 ± 0.008 $\chi^2/\text{NDF}: 78073.2/13$

Left: 1.805 ± 0.006 $\chi^2/\text{NDF}: 151308.4/29$

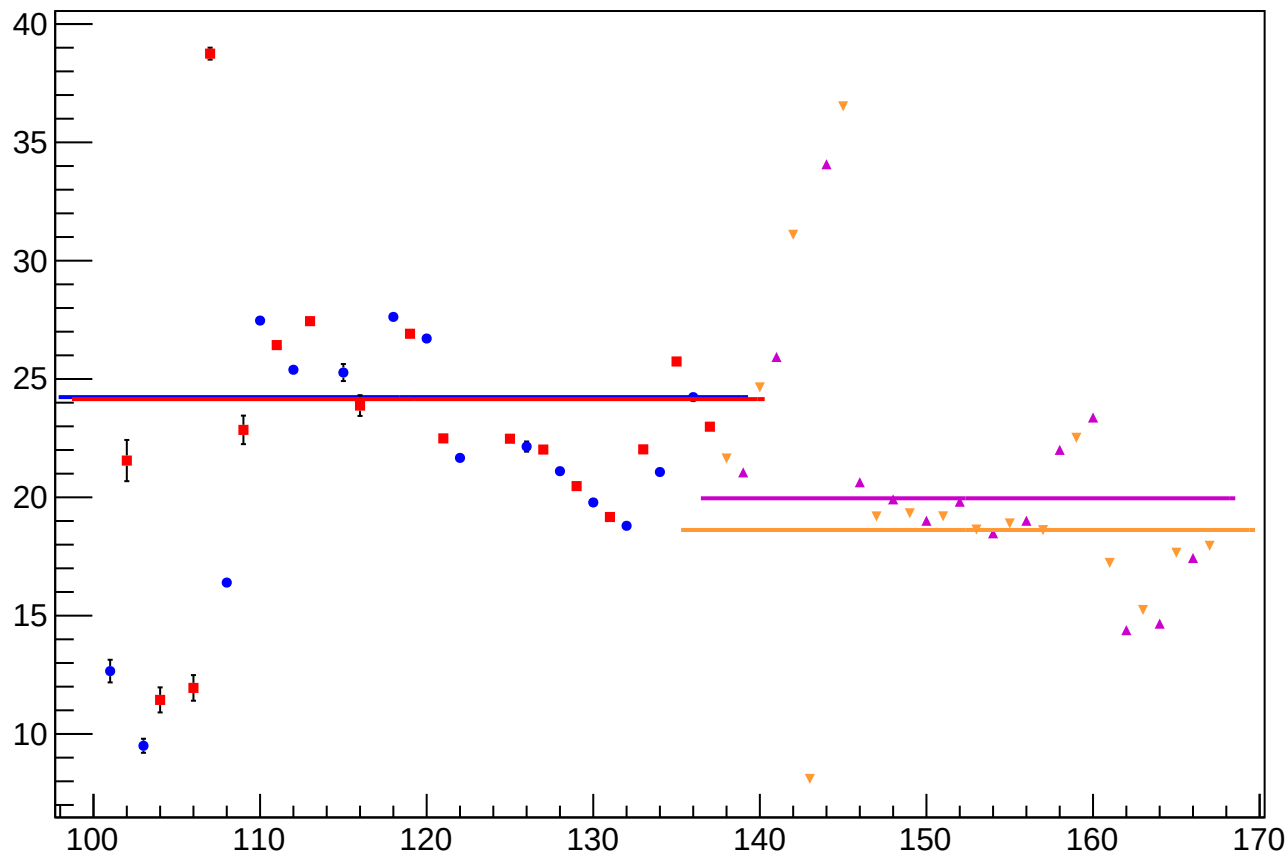
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 0.572 ± 0.007 $\chi^2/\text{NDF}: 165883.2/28$

Out: 1.654 ± 0.009 $\chi^2/\text{NDF}: 102111.3/32$

All: 1.021 ± 0.006 $\chi^2/\text{NDF}: 277383.8/61$

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: 19.959 $\pm$ 0.009 χ^2 /NDF: 89239.0/13

Left: 19.338 $\pm$ 0.006 χ^2 /NDF: 171842.3/29

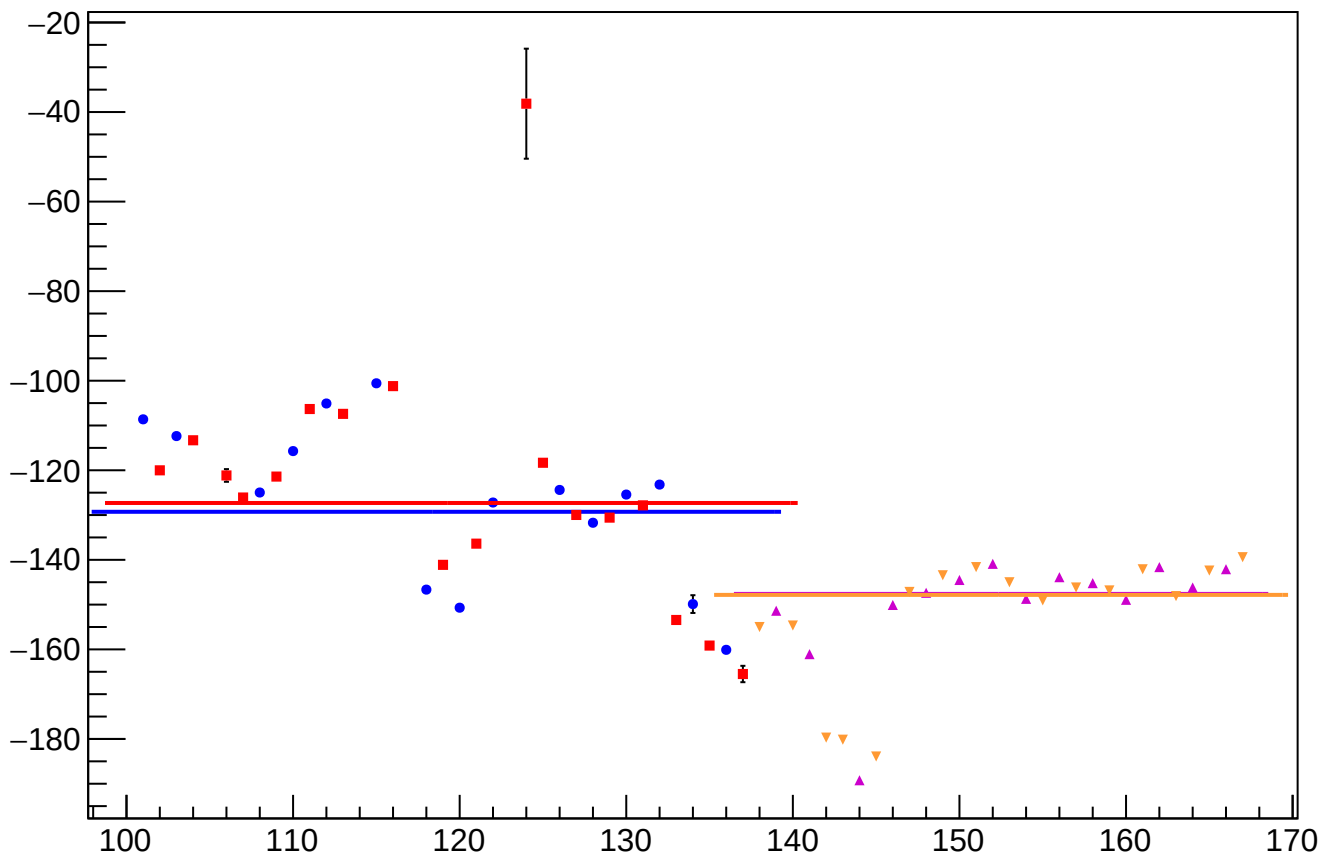
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.513 $\pm$ 0.008 χ^2 /NDF: 143948.8/28

Out: 19.302 $\pm$ 0.009 χ^2 /NDF: 129456.2/32

All: 19.953 $\pm$ 0.006 χ^2 /NDF: 284198.6/61

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -147.828+/-0.056 χ^2/NDF :32583.5/15

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -147.612+/-0.057 χ^2/NDF :22608.7/13

Left: -147.721+/-0.040 χ^2/NDF : 55199.3/29

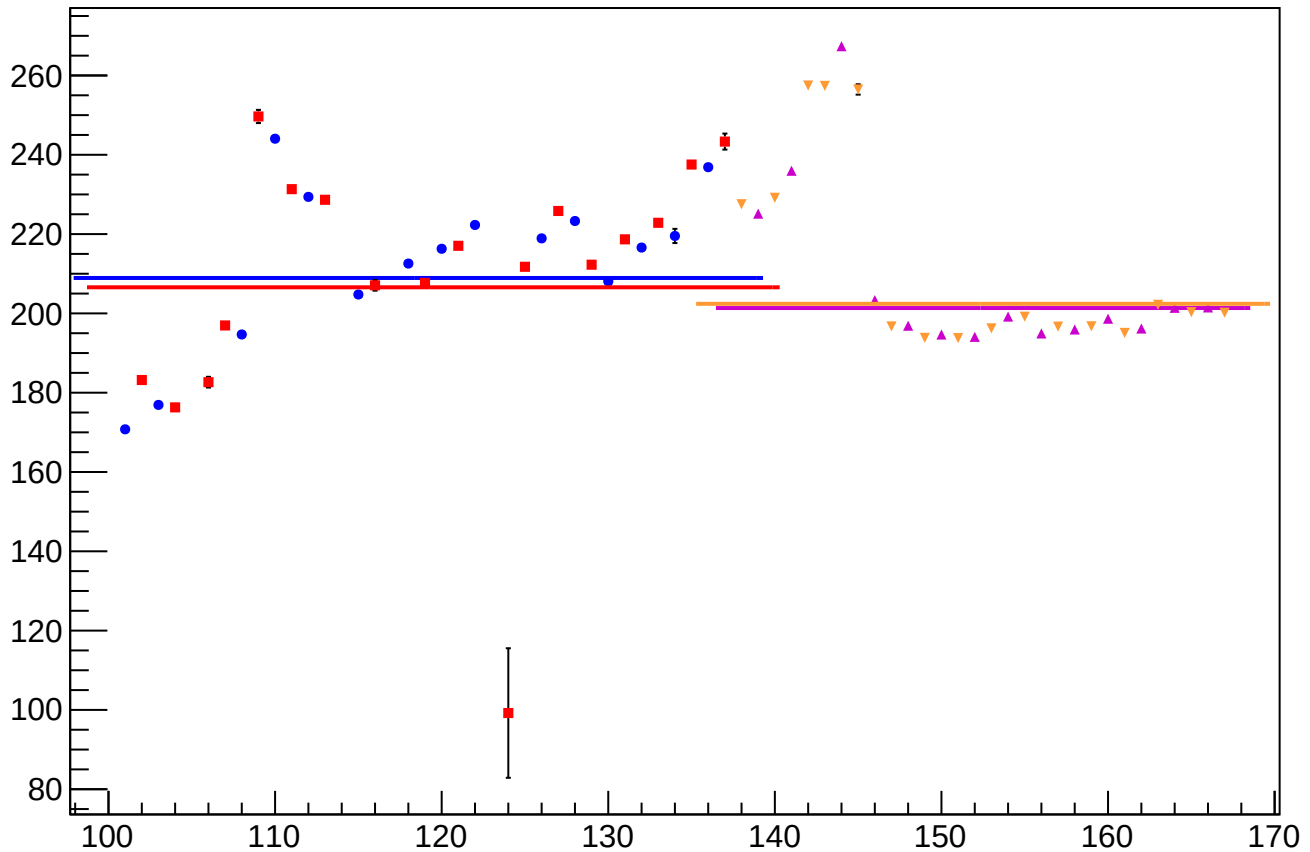
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -142.149+/-0.048 χ^2/NDF :88372.1/28

Out: -141.473+/-0.047 χ^2/NDF :103090.8/33

All: -141.804+/-0.034 χ^2/NDF : 191564.6/62

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 ± 0.089 χ^2/NDF : 44684.8/14

Left Out: 202.416 ± 0.048 χ^2/NDF : 103384.6/15

Right Out: 206.581 ± 0.083 χ^2/NDF : 48210.8/17

Left In: 201.350 ± 0.049 χ^2/NDF : 76146.4/13

Left: 201.896 ± 0.034 χ^2/NDF : 179775.7/29

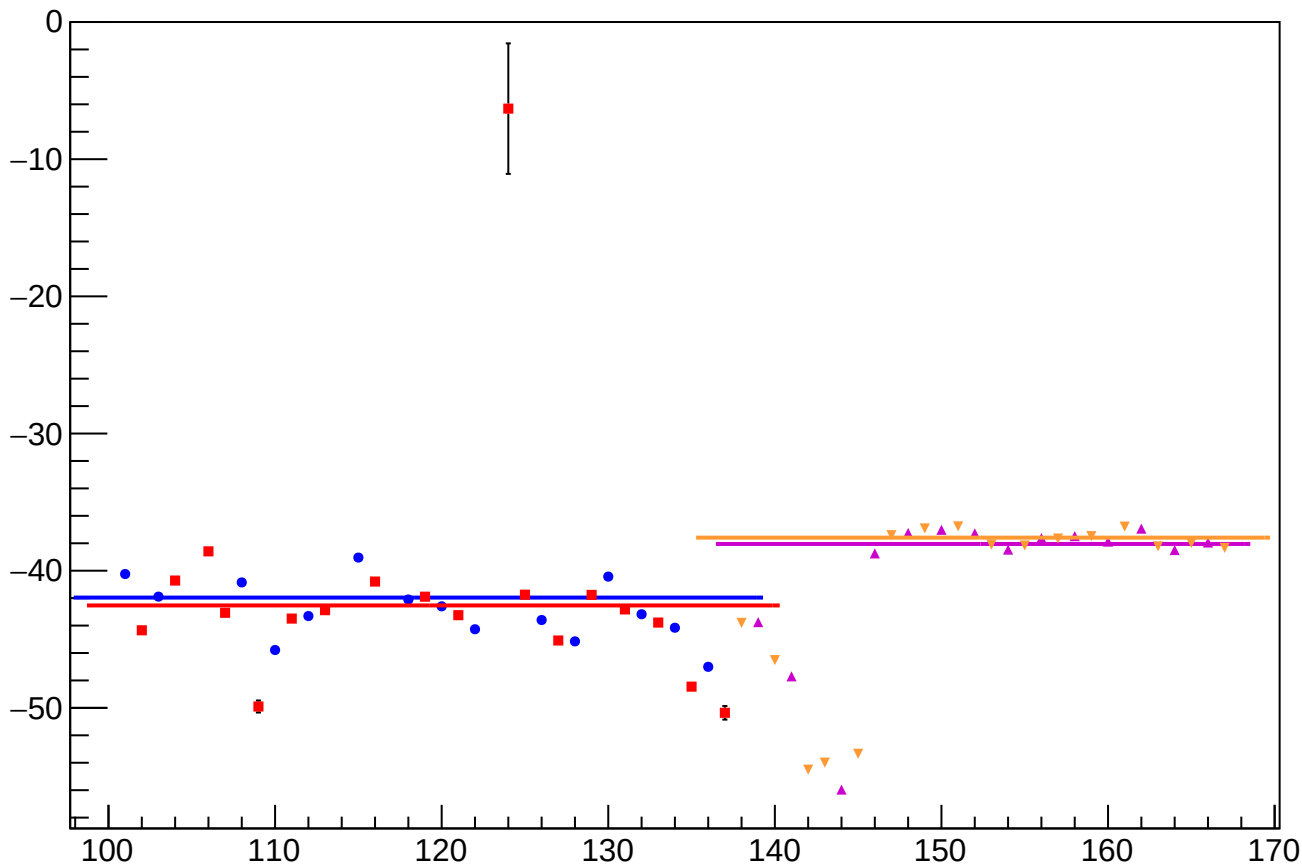
Right: 207.675 ± 0.061 χ^2/NDF : 93267.6/32

In: 203.094 ± 0.043 χ^2/NDF : 126396.1/28

Out: 203.441 ± 0.041 χ^2/NDF : 153485.0/33

All: 203.274 ± 0.030 χ^2/NDF : 279915.1/62

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.589 ± 0.004 χ^2/NDF : 221874.3/15

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.050 ± 0.005 χ^2/NDF : 132991.5/13

Left: -37.792 ± 0.003 χ^2/NDF : 359505.9/29

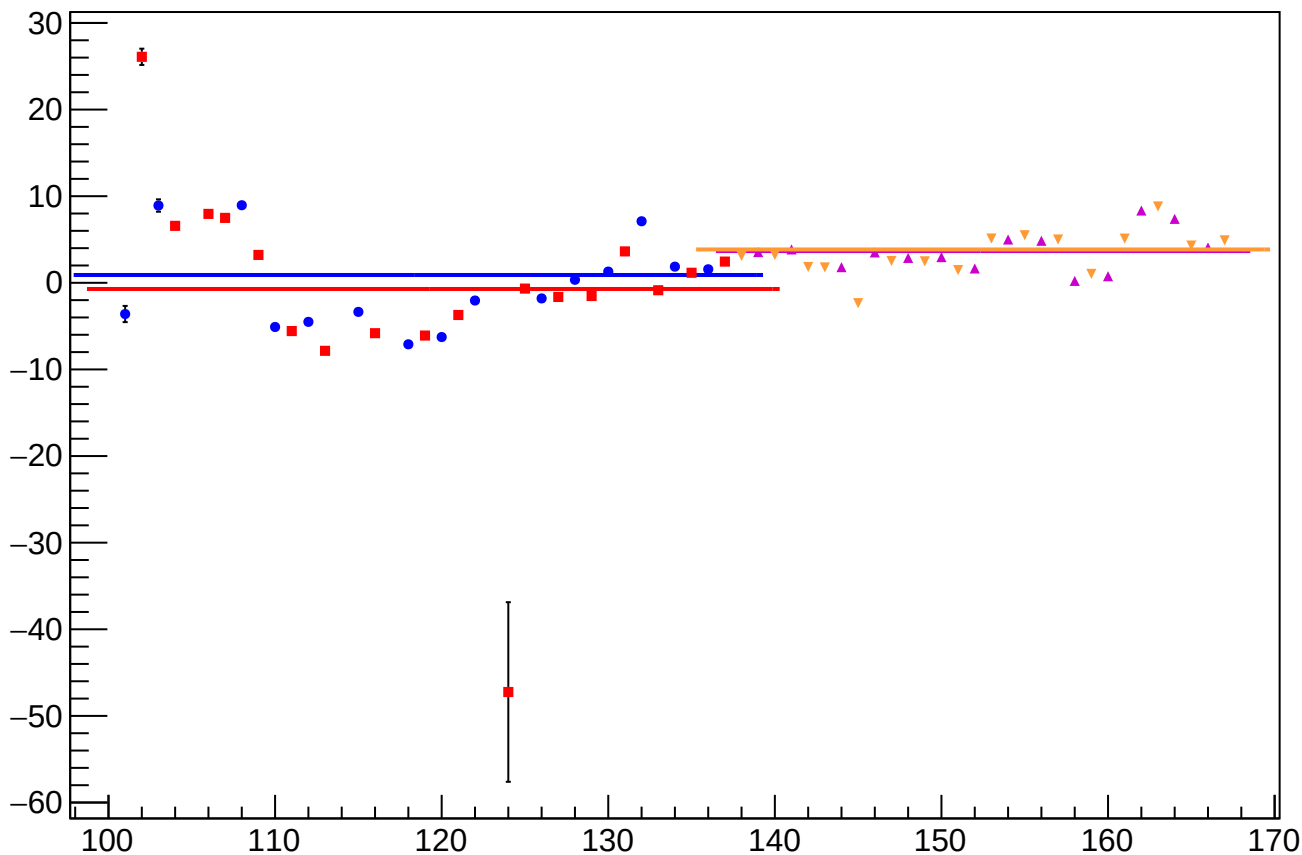
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.422 ± 0.005 χ^2/NDF : 214005.0/28

Out: -37.812 ± 0.004 χ^2/NDF : 282700.8/33

All: -38.089 ± 0.003 χ^2/NDF : 505448.4/62

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: 3.666 $\pm$ 0.008 χ^2 /NDF:62646.6/13

Left: 3.770 $\pm$ 0.005 χ^2 /NDF: 144505.3/29

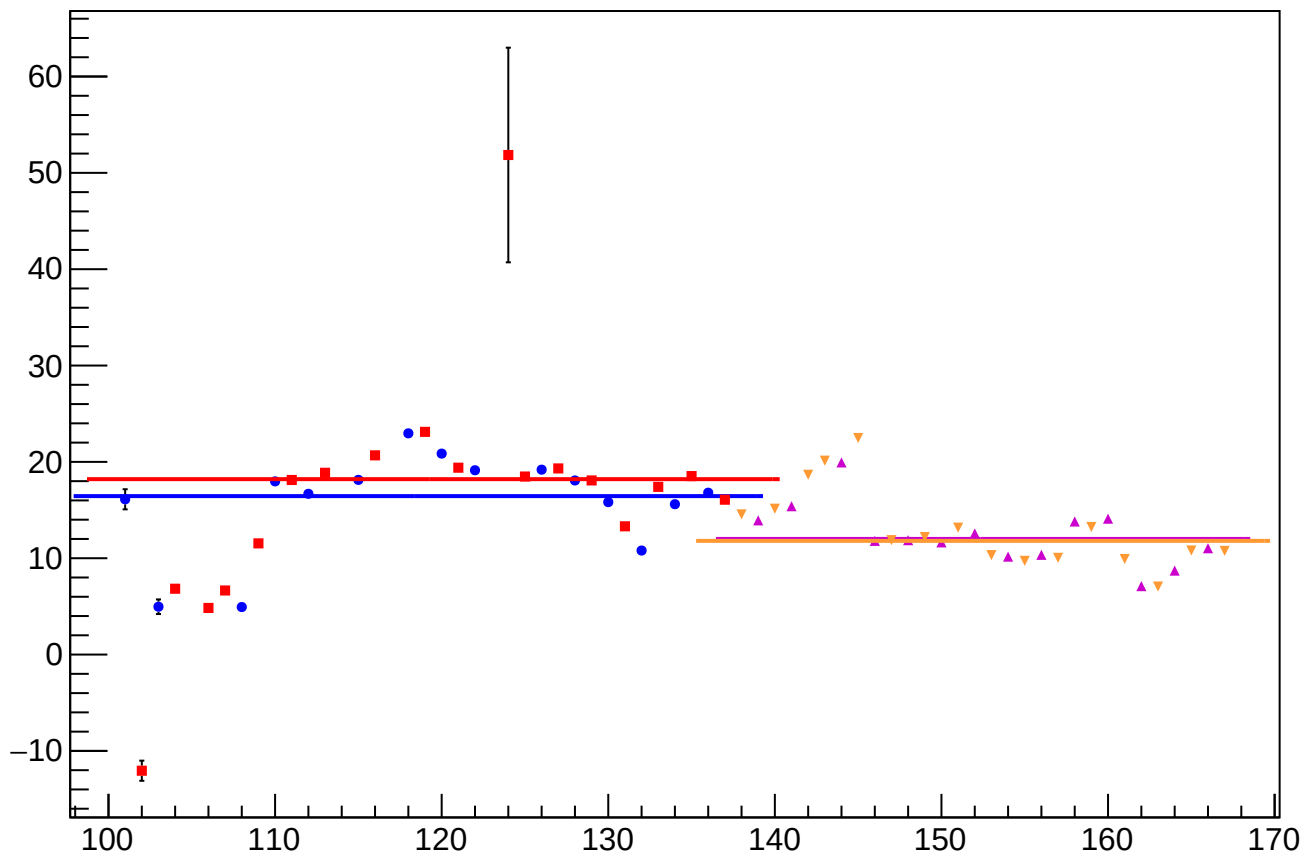
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 3.258 $\pm$ 0.008 χ^2 /NDF:99974.3/28

Out: 3.474 $\pm$ 0.007 χ^2 /NDF:144625.4/33

All: 3.376 $\pm$ 0.005 χ^2 /NDF: 245031.6/62

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: 12.004 $\pm$ 0.010 χ^2 /NDF: 45462.4/13

Left: 11.893 $\pm$ 0.007 χ^2 /NDF: 134574.0/29

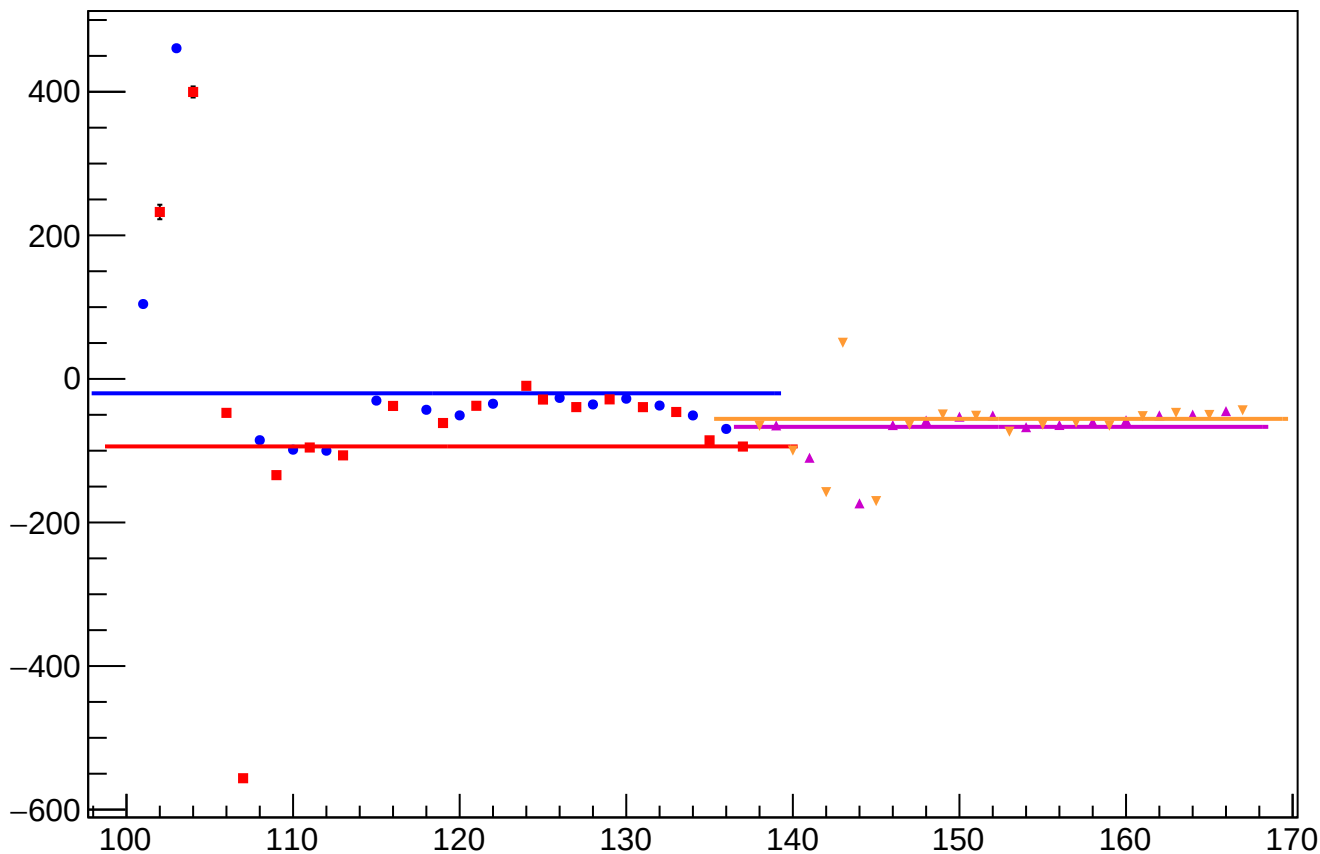
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.680 $\pm$ 0.010 χ^2 /NDF: 87746.9/28

Out: 12.916 $\pm$ 0.009 χ^2 /NDF: 197576.0/33

All: 12.811 $\pm$ 0.006 χ^2 /NDF: 285664.9/62

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: -66.781 ± 0.139 $\chi^2/\text{NDF}: 39708.3/13$

Left: -59.781 ± 0.085 $\chi^2/\text{NDF}: 93683.2/29$

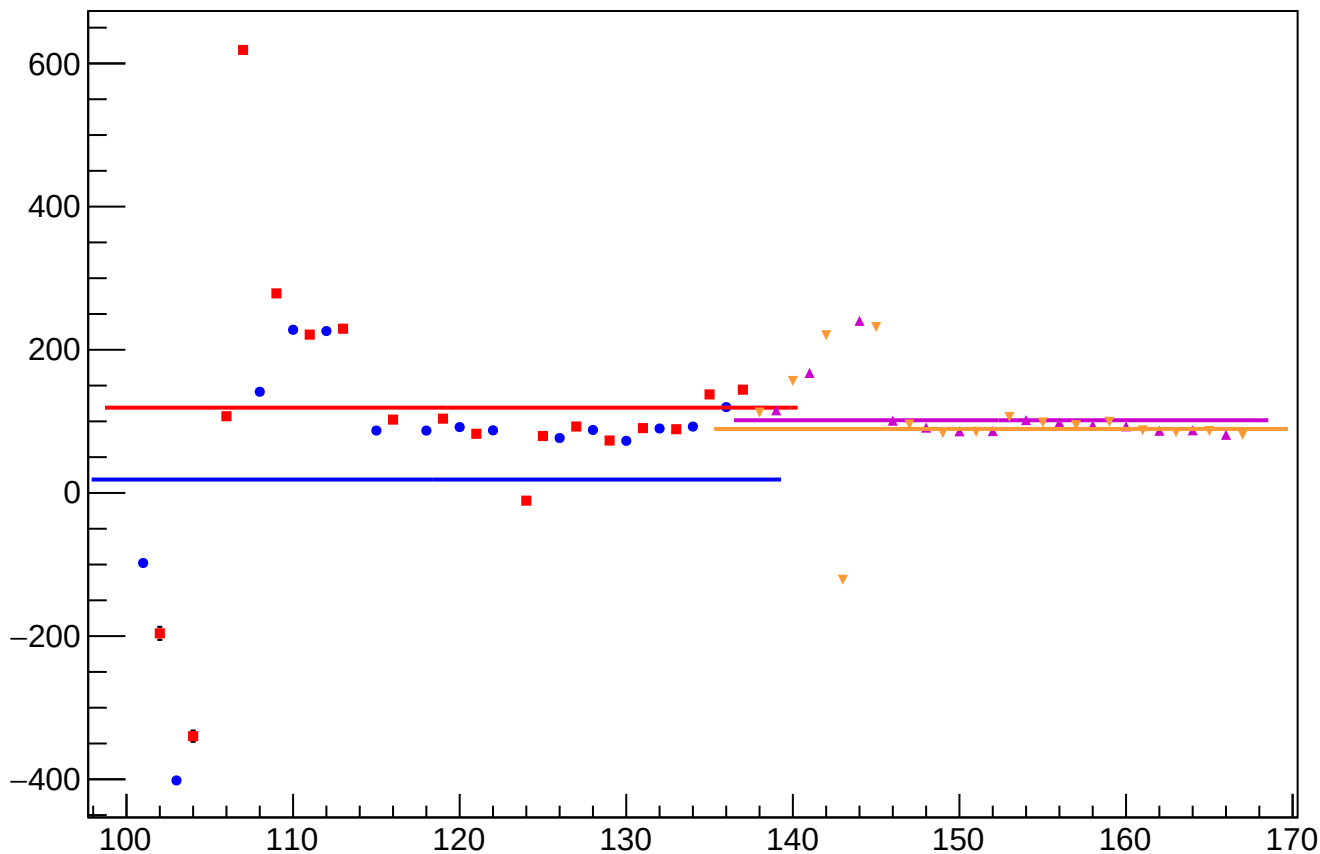
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -45.634 ± 0.103 $\chi^2/\text{NDF}: 532117.6/28$

Out: -93.539 ± 0.012 $\chi^2/\text{NDF}: 264506.3/33$

All: -92.860 ± 0.012 $\chi^2/\text{NDF}: 1009740.1/62$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 89.420+/-0.095 χ^2/NDF :169182.7/15

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 101.552+/-0.120 χ^2/NDF :61006.1/13

Left: 94.073+/-0.074 χ^2/NDF : 236509.0/29

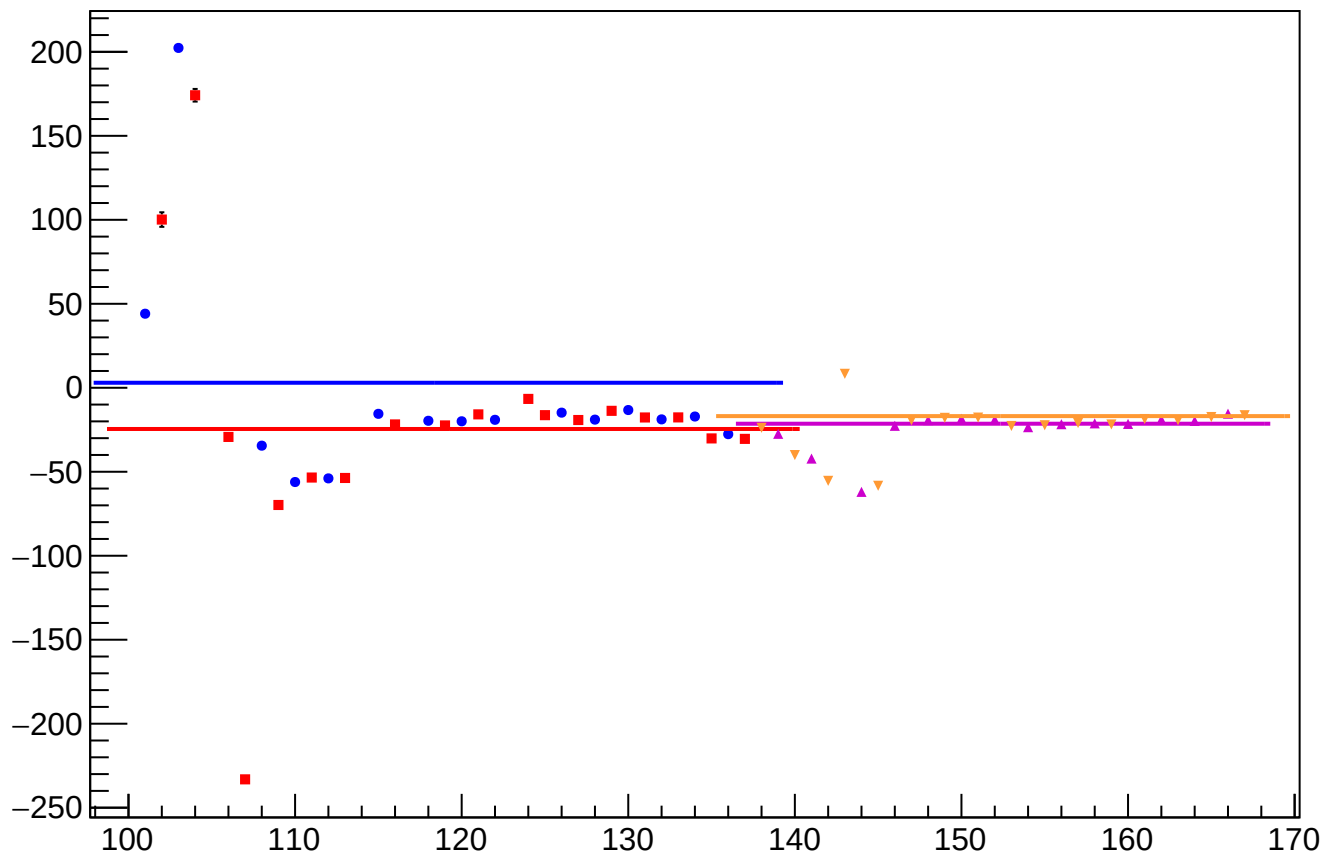
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 69.833+/-0.094 χ^2/NDF :1345808.9/28

Out: 94.883+/-0.085 χ^2/NDF :274828.2/33

All: 83.573+/-0.063 χ^2/NDF : 1659496.3/62

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.868 ± 0.014 $\chi^2/\text{NDF}: 570131.0/15$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -21.401 ± 0.017 $\chi^2/\text{NDF}: 127866.8/13$

Left: -18.770 ± 0.011 $\chi^2/\text{NDF}: 740442.3/29$

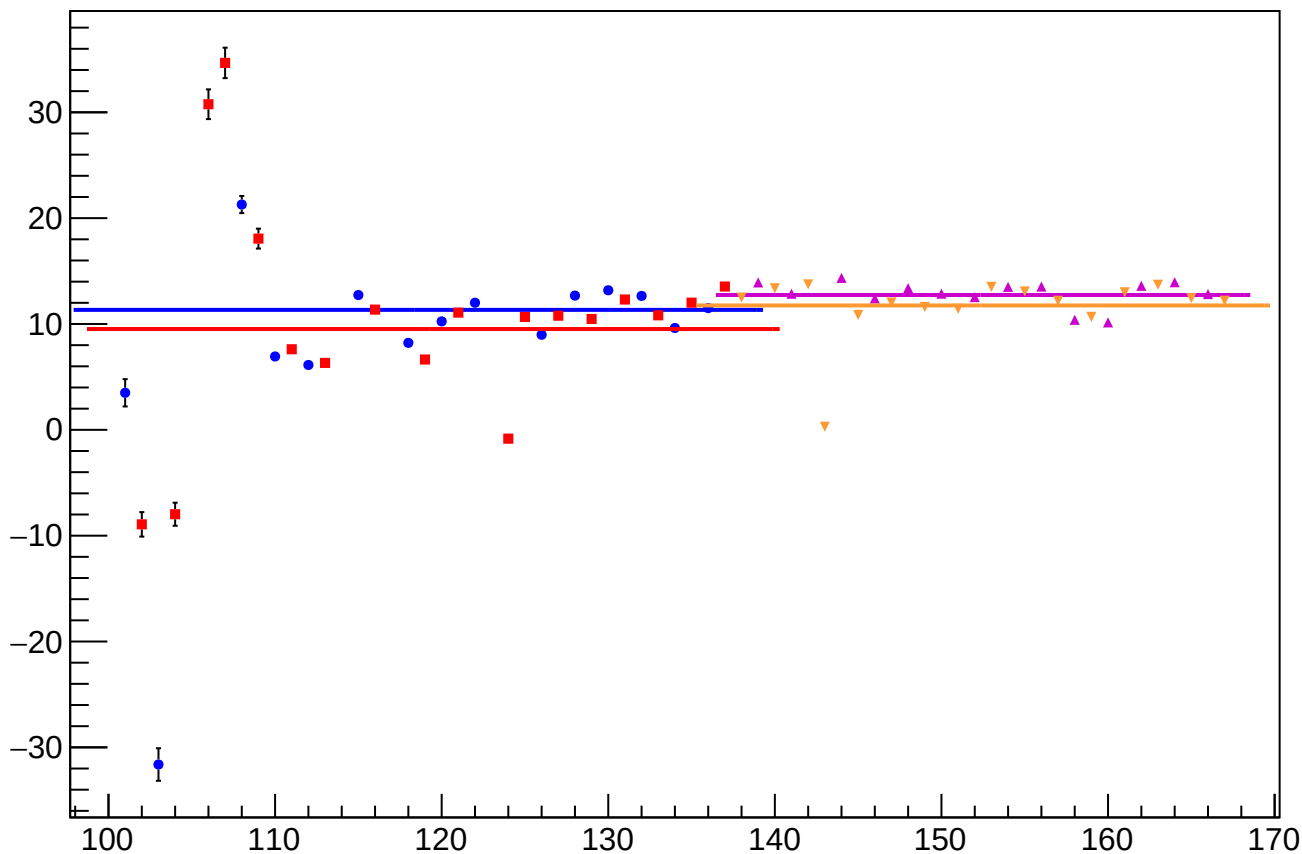
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.571 ± 0.014 $\chi^2/\text{NDF}: 4217246.2/28$

Out: -17.607 ± 0.014 $\chi^2/\text{NDF}: 774511.1/33$

All: -16.163 ± 0.010 $\chi^2/\text{NDF}: 5015634.2/62$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2/NDF : 2406.0/14

Left Out: 11.752 $\pm$ 0.017 χ^2/NDF : 30289.7/15

Right Out: 9.524 $\pm$ 0.048 χ^2/NDF : 4066.9/17

Left In: 12.740 $\pm$ 0.017 χ^2/NDF : 4906.4/13

Left: 12.265 $\pm$ 0.012 χ^2/NDF : 36919.6/29

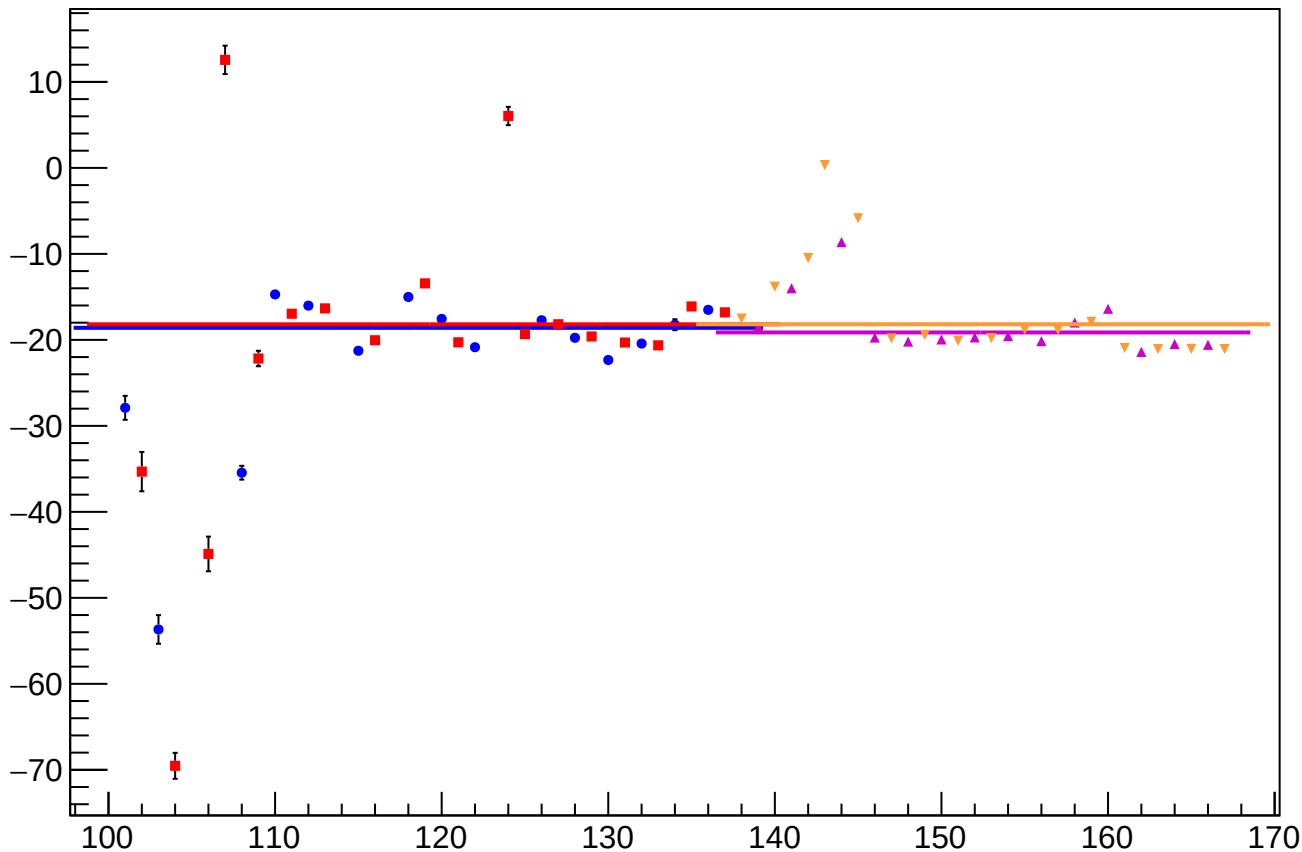
Right: 10.651 $\pm$ 0.029 χ^2/NDF : 7358.3/32

In: 12.510 $\pm$ 0.015 χ^2/NDF : 8496.6/28

Out: 11.500 $\pm$ 0.016 χ^2/NDF : 36266.8/33

All: 12.039 $\pm$ 0.011 χ^2/NDF : 46852.2/62

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: -19.136 ± 0.020 $\chi^2/\text{NDF}: 8694.1/13$

Left: -18.665 ± 0.014 $\chi^2/\text{NDF}: 59925.5/29$

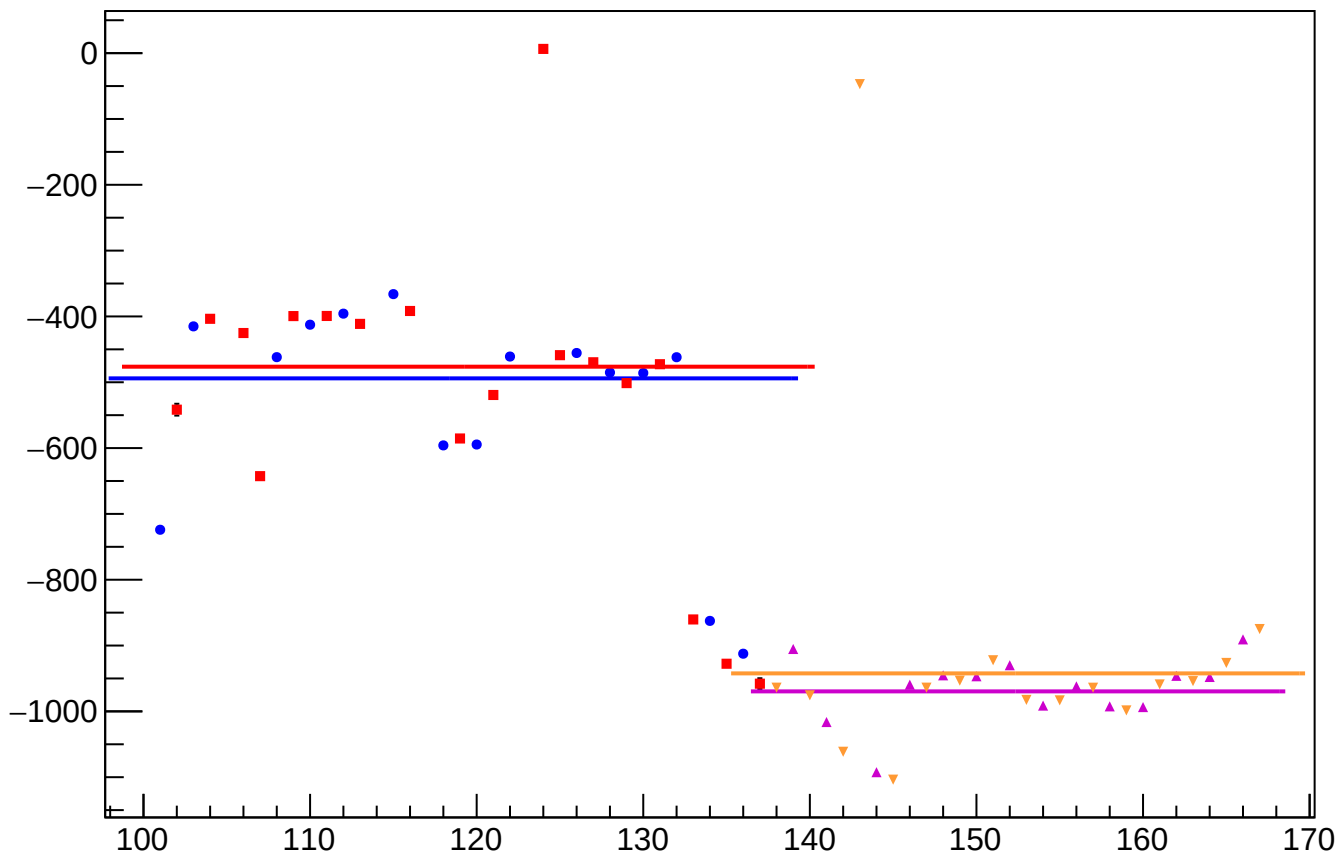
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.019 ± 0.017 $\chi^2/\text{NDF}: 15048.2/28$

Out: -18.180 ± 0.018 $\chi^2/\text{NDF}: 54936.7/33$

All: -18.626 ± 0.013 $\chi^2/\text{NDF}: 71082.1/62$

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: -969.641 ± 0.193 $\chi^2/\text{NDF}: 33286.5/13$

Left: -955.587 ± 0.134 $\chi^2/\text{NDF}: 386290.7/29$

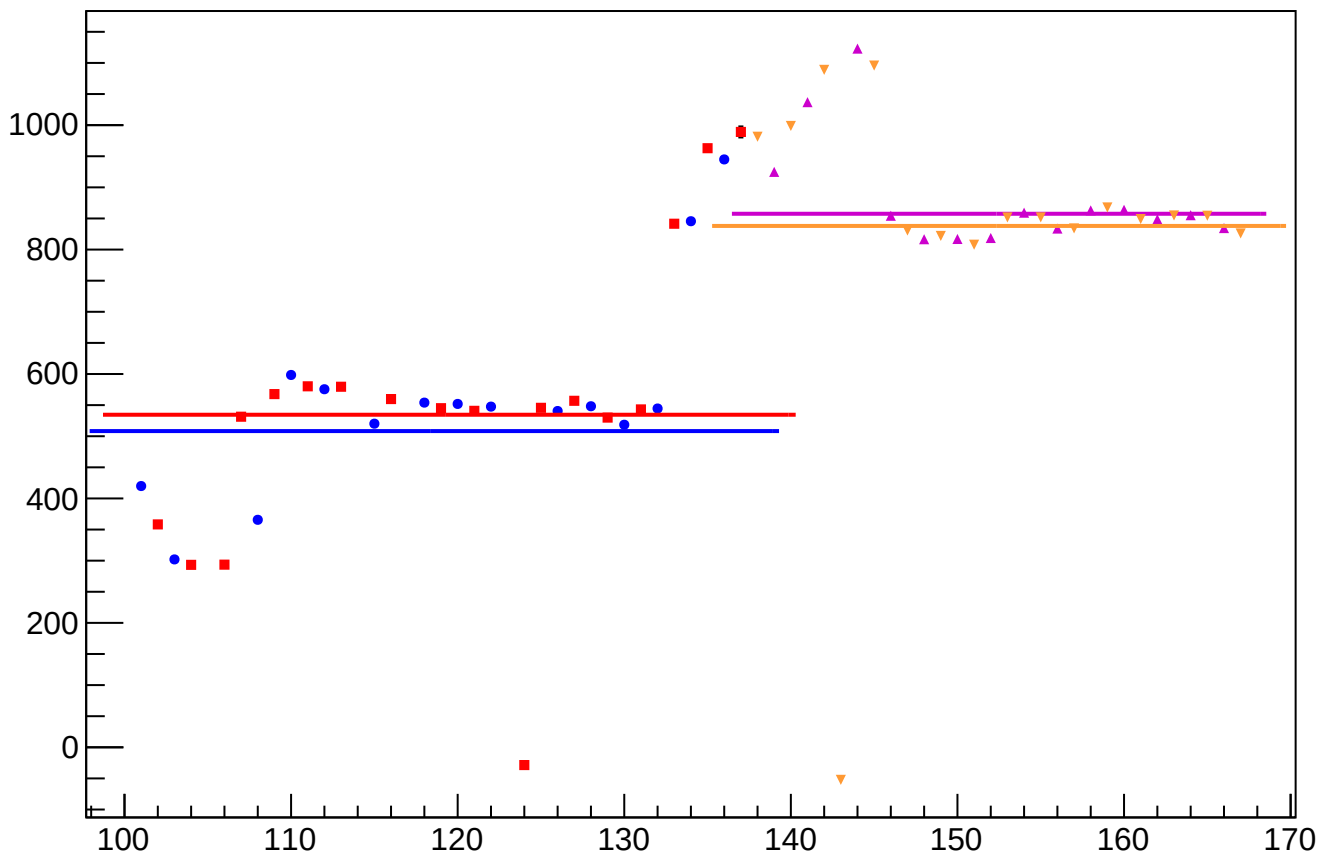
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -775.721 ± 0.148 $\chi^2/\text{NDF}: 2845599.1/28$

Out: -706.668 ± 0.132 $\chi^2/\text{NDF}: 4068092.9/33$

All: -737.122 ± 0.098 $\chi^2/\text{NDF}: 7035027.2/62$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 837.996 $\pm$ 0.152 χ^2 /NDF: 415854.3/15

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 857.563 $\pm$ 0.157 χ^2 /NDF: 88135.9/13

Left: 847.486 $\pm$ 0.109 χ^2 /NDF: 512038.3/29

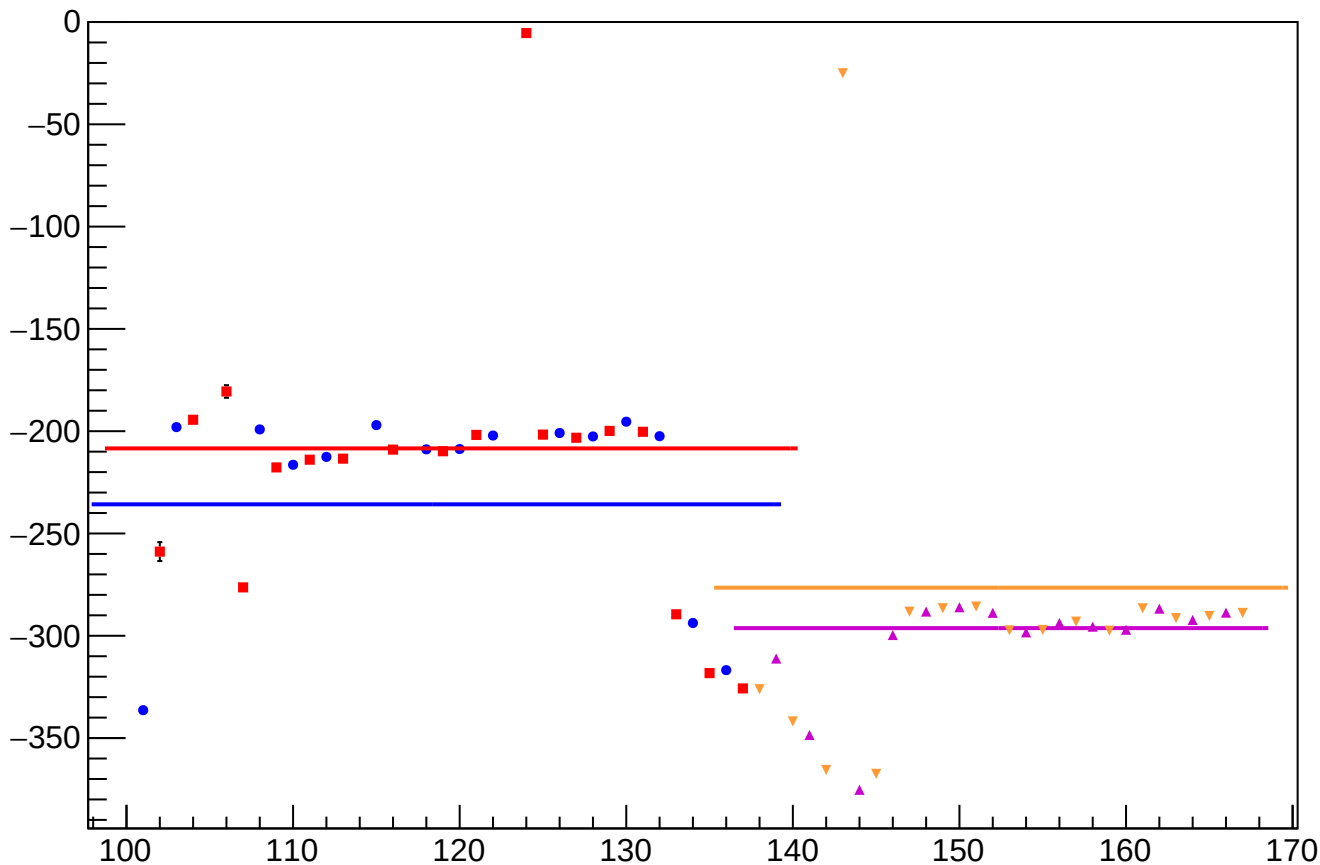
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 741.350 $\pm$ 0.128 χ^2 /NDF: 2184505.0/28

Out: 738.312 $\pm$ 0.124 χ^2 /NDF: 2095228.8/33

All: 739.790 $\pm$ 0.089 χ^2 /NDF: 4280023.7/62

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -276.492+/-0.026 χ^2/NDF : 6360281.5/15

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -296.257+/-0.027 χ^2/NDF : 249669.4/13

Left: -285.984+/-0.019 χ^2/NDF : 6888788.6/29

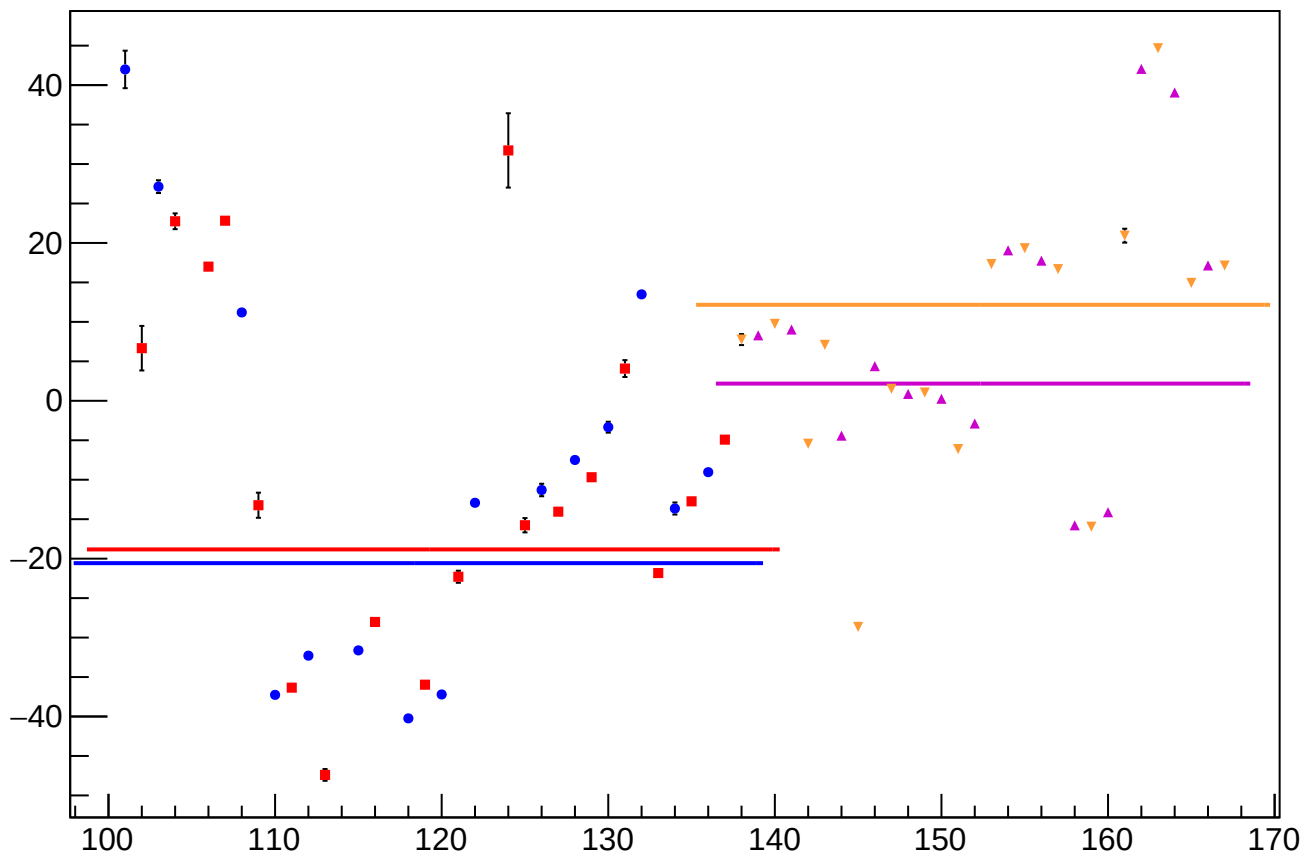
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -284.594+/-0.024 χ^2/NDF : 2095046.4/28

Out: -260.465+/-0.023 χ^2/NDF : 8357045.0/33

All: -271.726+/-0.017 χ^2/NDF : 10980334.0/6

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: 2.180 ± 0.022 χ^2/NDF : 638960.3/13

Left: 6.083 ± 0.017 χ^2/NDF : 1154294.0/29

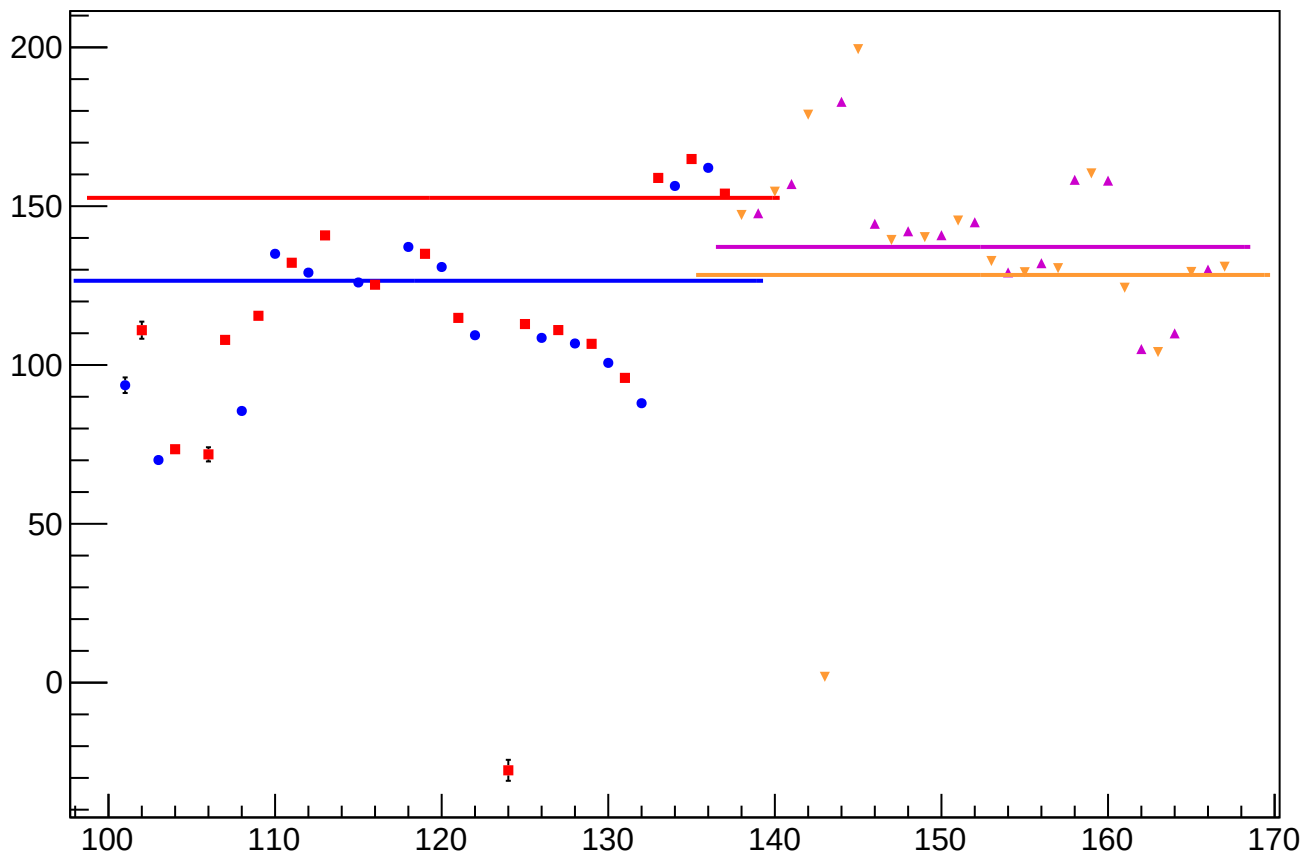
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 0.242 ± 0.021 χ^2/NDF : 795395.4/28

Out: 10.319 ± 0.026 χ^2/NDF : 531425.1/33

All: 4.115 ± 0.016 χ^2/NDF : 1416834.8/62

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: 137.177 $\pm$ 0.029 χ^2 /NDF:355965.5/13

Left: 133.352 $\pm$ 0.022 χ^2 /NDF: 998115.7/29

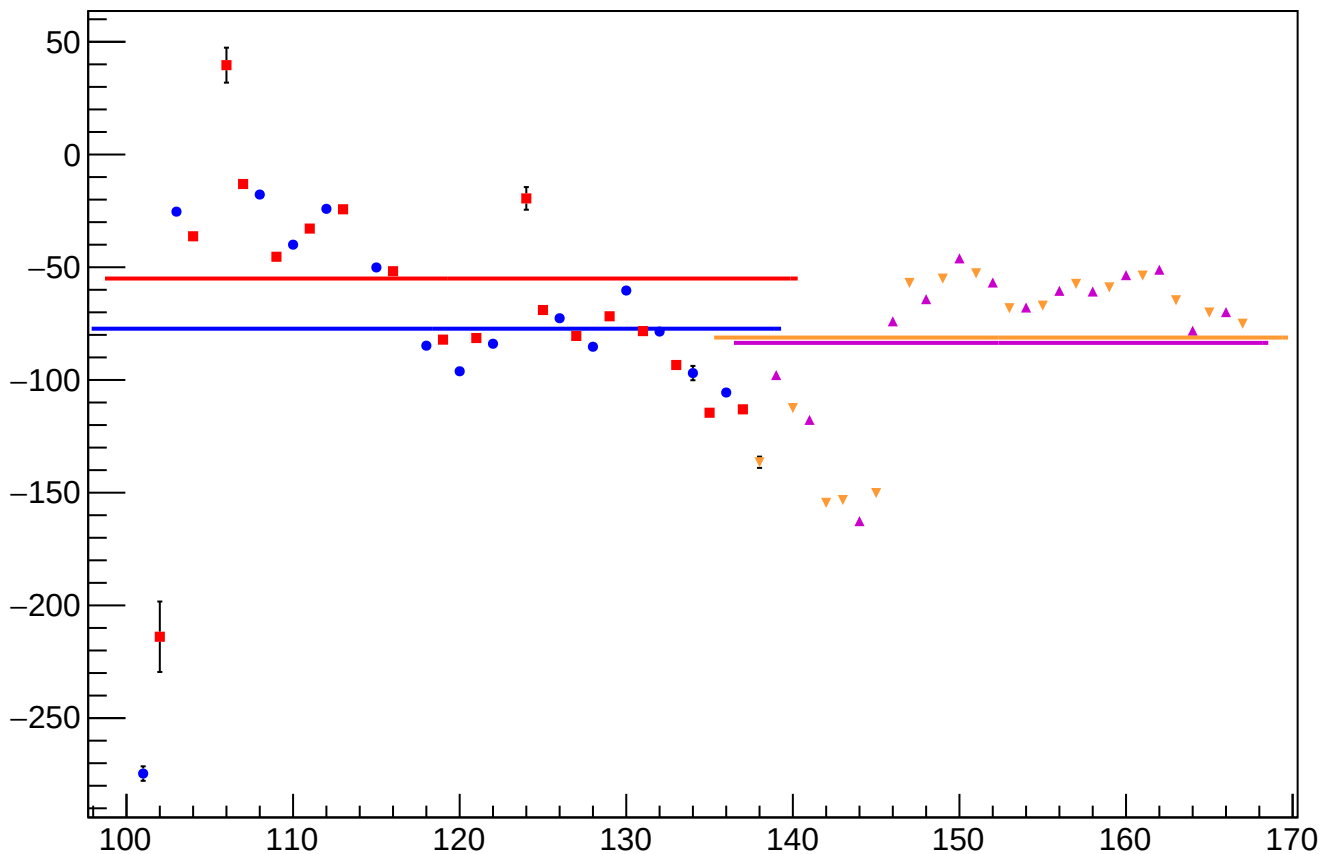
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.024 $\pm$ 0.028 χ^2 /NDF:485295.8/28

Out: 141.657 $\pm$ 0.022 χ^2 /NDF:965493.3/33

All: 139.413 $\pm$ 0.017 χ^2 /NDF: 1475818.2/62

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -81.190 ± 0.145 χ^2/NDF : 57055.1/15

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -83.551 ± 0.151 χ^2/NDF : 57436.0/13

Left: -82.322 ± 0.104 χ^2/NDF : 114618.8/29

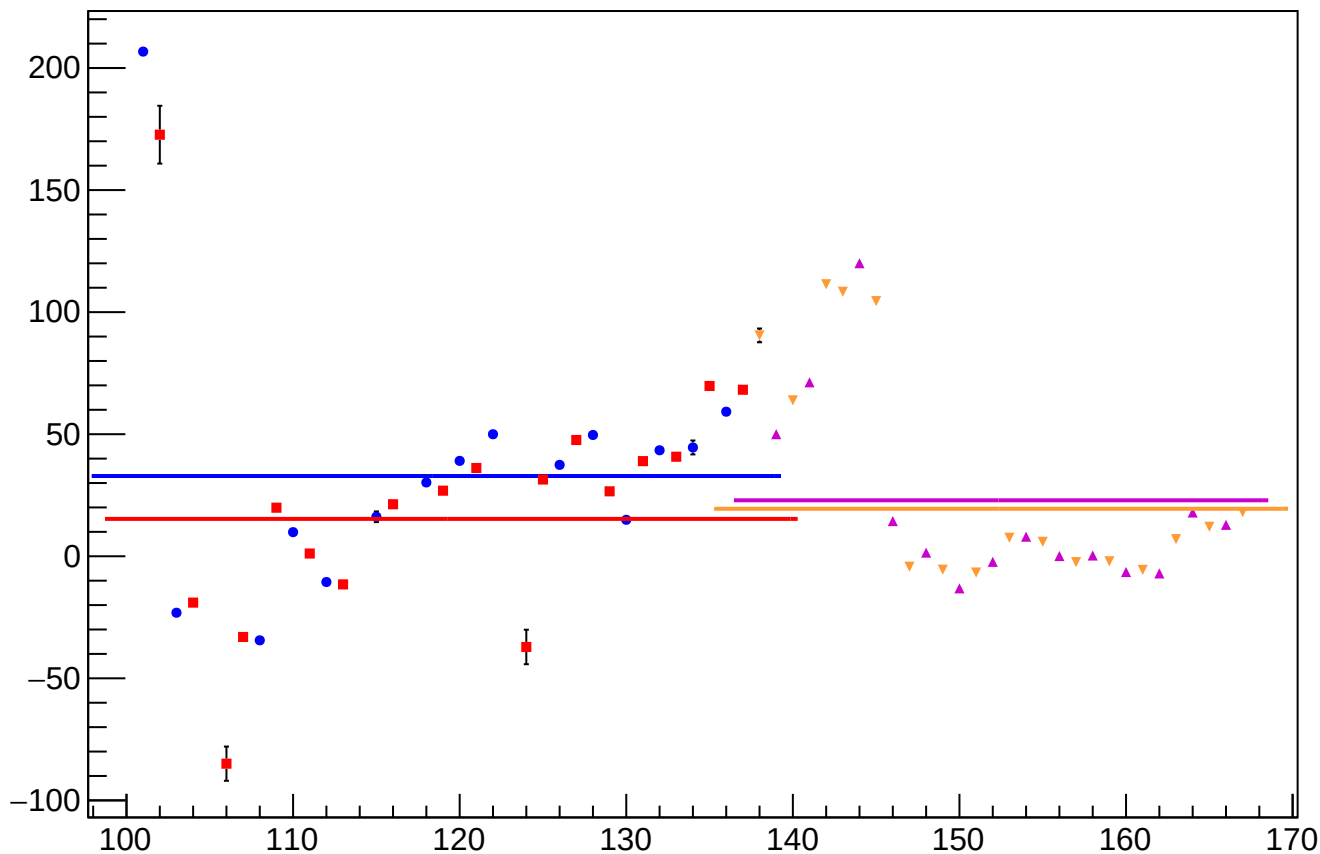
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -80.317 ± 0.105 χ^2/NDF : 88688.3/28

Out: -71.597 ± 0.115 χ^2/NDF : 92685.7/33

All: -76.358 ± 0.078 χ^2/NDF : 184504.1/62

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: 22.921 $\pm$ 0.133 χ^2/NDF : 86505.5/13

Left: 21.093 $\pm$ 0.091 χ^2/NDF : 175891.2/29

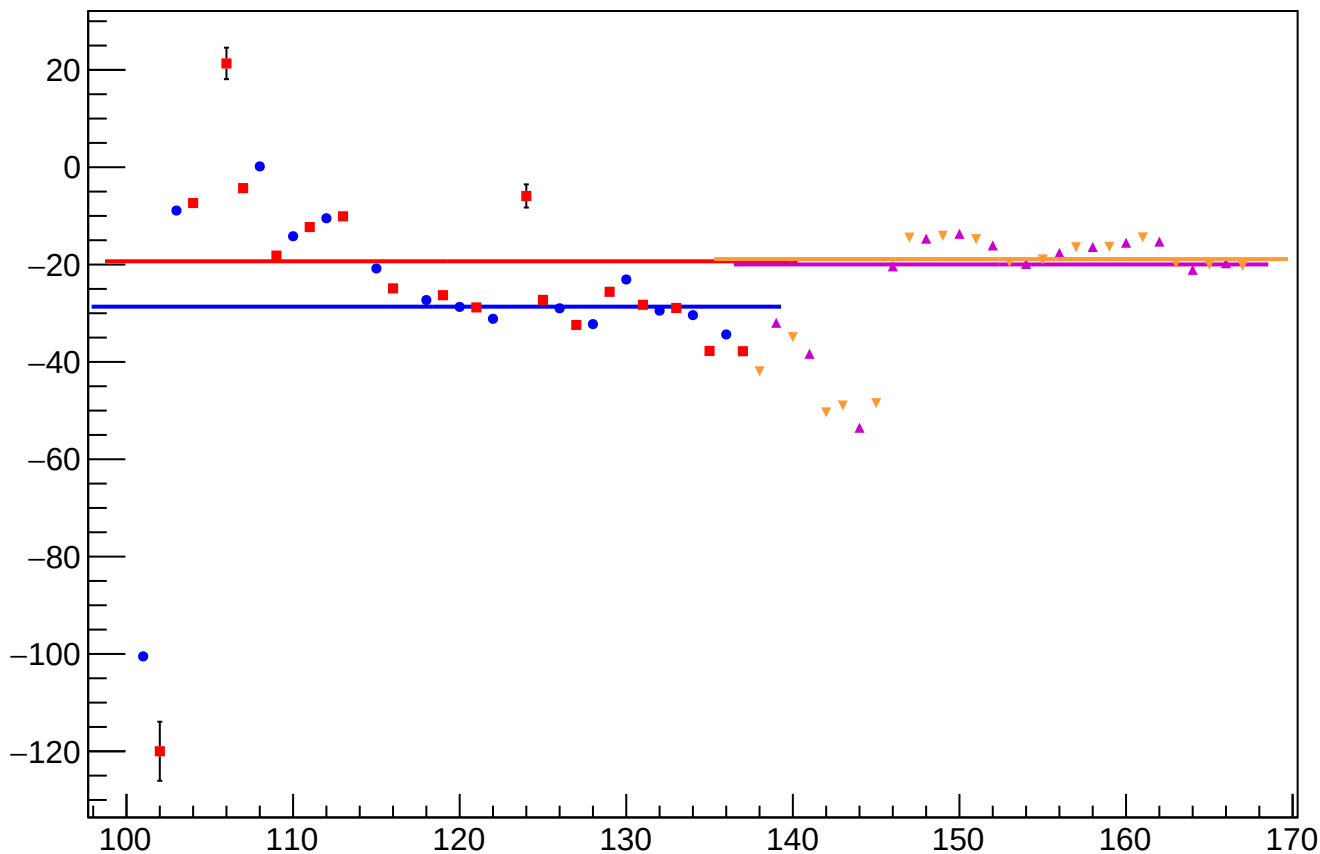
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 27.421 $\pm$ 0.098 χ^2/NDF : 120441.0/28

Out: 18.363 $\pm$ 0.108 χ^2/NDF : 106060.1/33

All: 23.308 $\pm$ 0.073 χ^2/NDF : 230363.5/62

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: -19.970 ± 0.018 $\chi^2/\text{NDF}: 193143.2/13$

Left: -19.382 ± 0.012 $\chi^2/\text{NDF}: 419016.1/29$

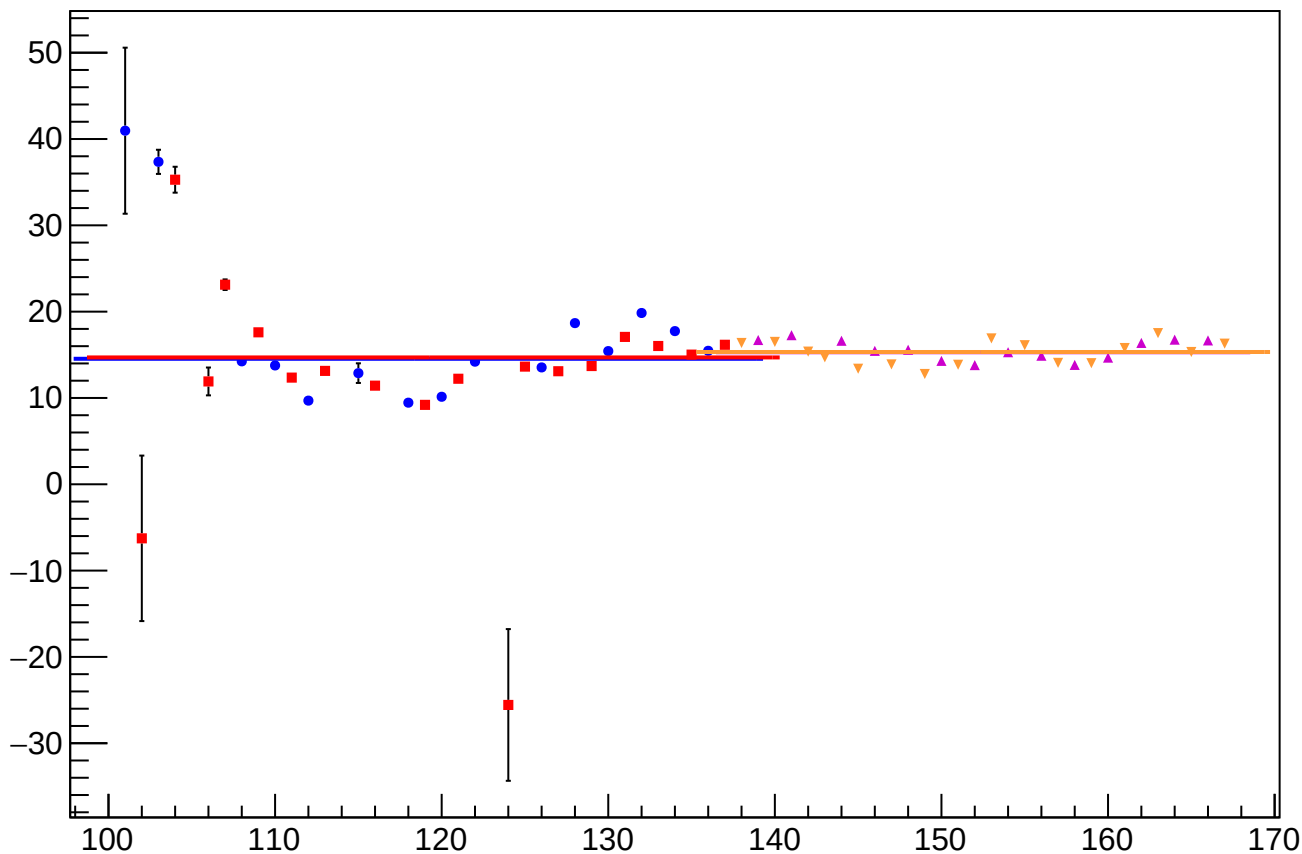
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.775 ± 0.016 $\chi^2/\text{NDF}: 357373.2/28$

Out: -18.938 ± 0.015 $\chi^2/\text{NDF}: 280468.0/33$

All: -20.309 ± 0.011 $\chi^2/\text{NDF}: 654877.5/62$

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: 15.297+/-0.017 χ^2/NDF : 4438.8/13

Left: 15.312+/-0.012 χ^2/NDF : 11085.4/29

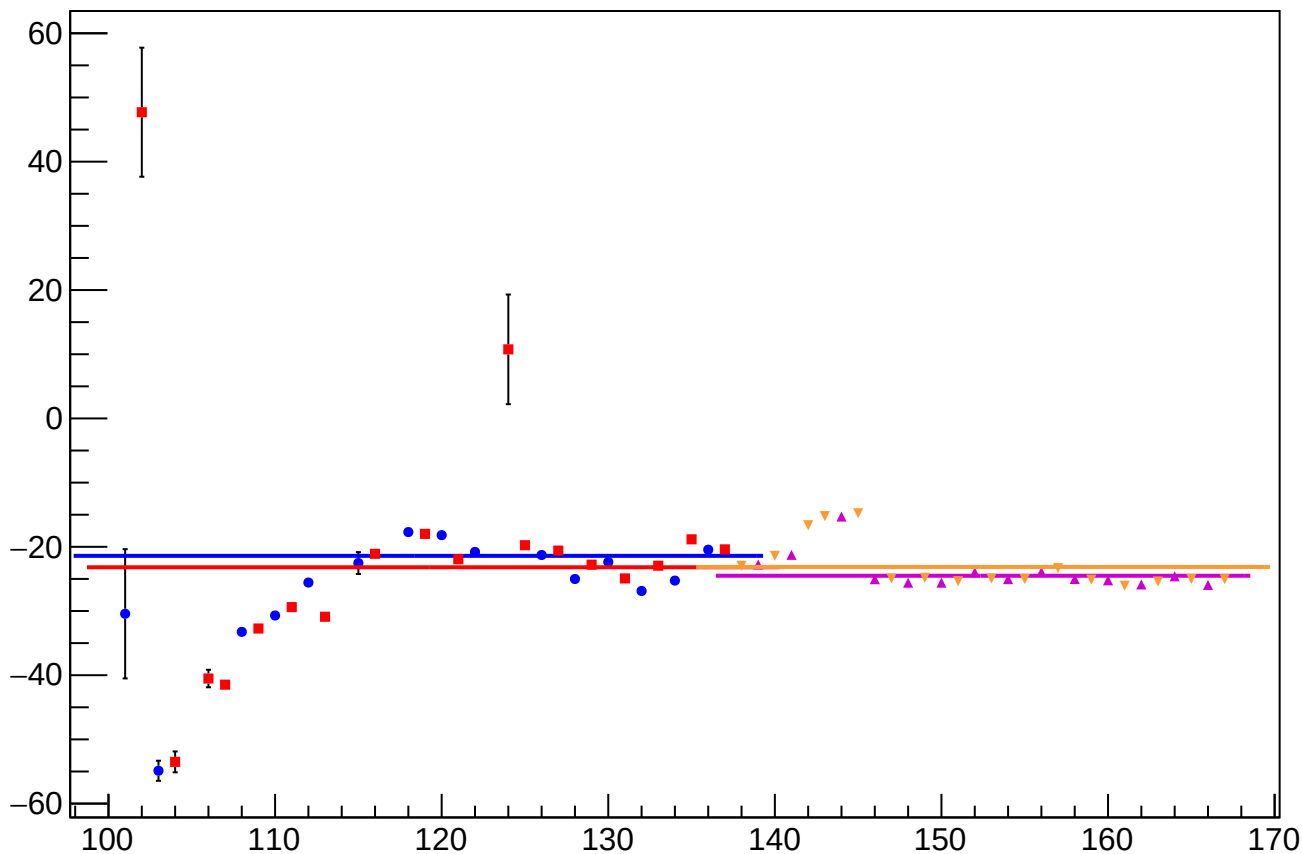
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.118+/-0.014 χ^2/NDF : 17004.0/28

Out: 15.249+/-0.015 χ^2/NDF : 8462.7/33

All: 15.180+/-0.010 χ^2/NDF : 25505.9/62

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: -24.508 ± 0.020 $\chi^2/\text{NDF}: 7950.7/13$

Left: -23.862 ± 0.014 $\chi^2/\text{NDF}: 40347.9/29$

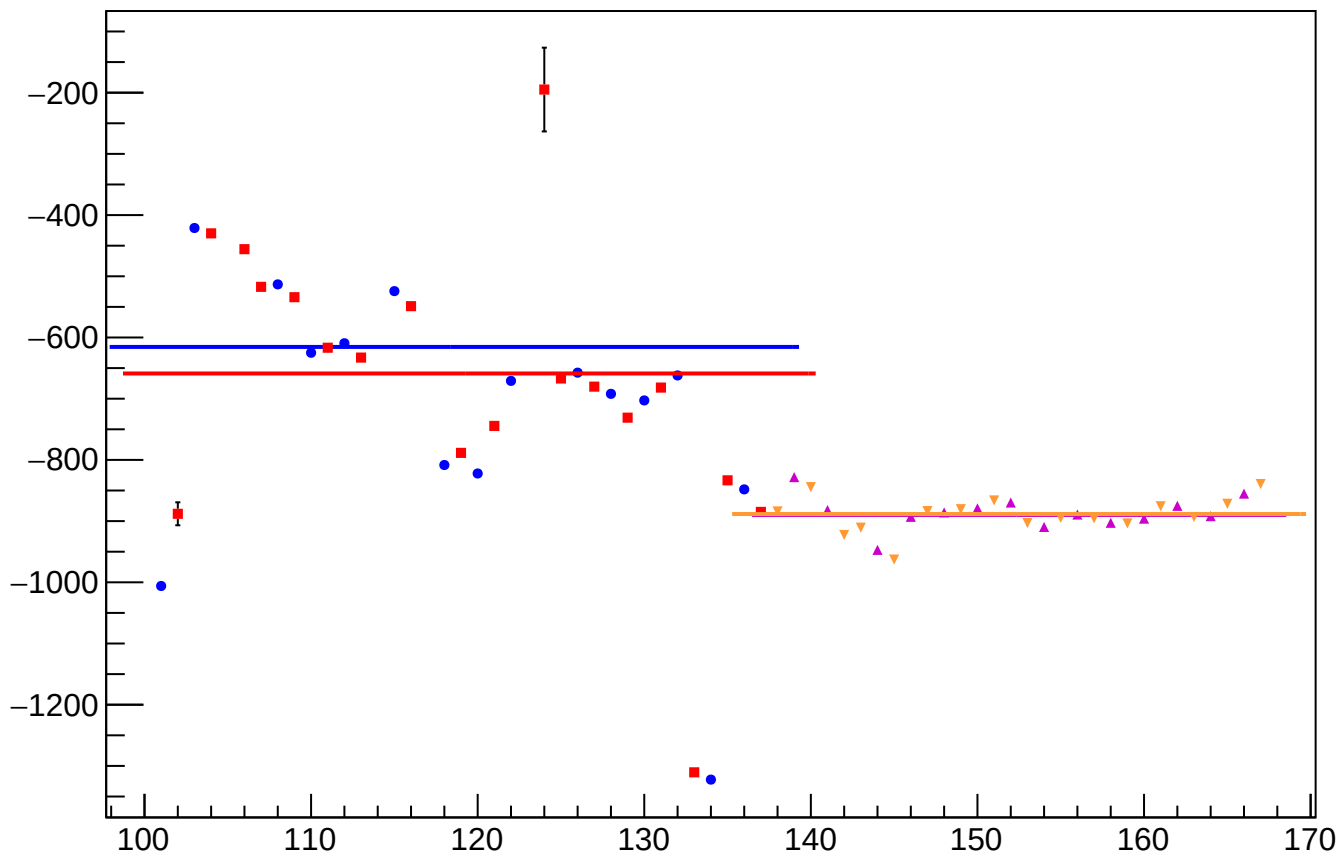
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.783 ± 0.017 $\chi^2/\text{NDF}: 23464.3/28$

Out: -23.145 ± 0.019 $\chi^2/\text{NDF}: 39231.5/33$

All: -23.500 ± 0.013 $\chi^2/\text{NDF}: 63306.9/62$

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: -889.955+/-0.150 χ^2/NDF : 14788.5/13

Left: -889.267+/-0.111 χ^2/NDF : 33644.3/29

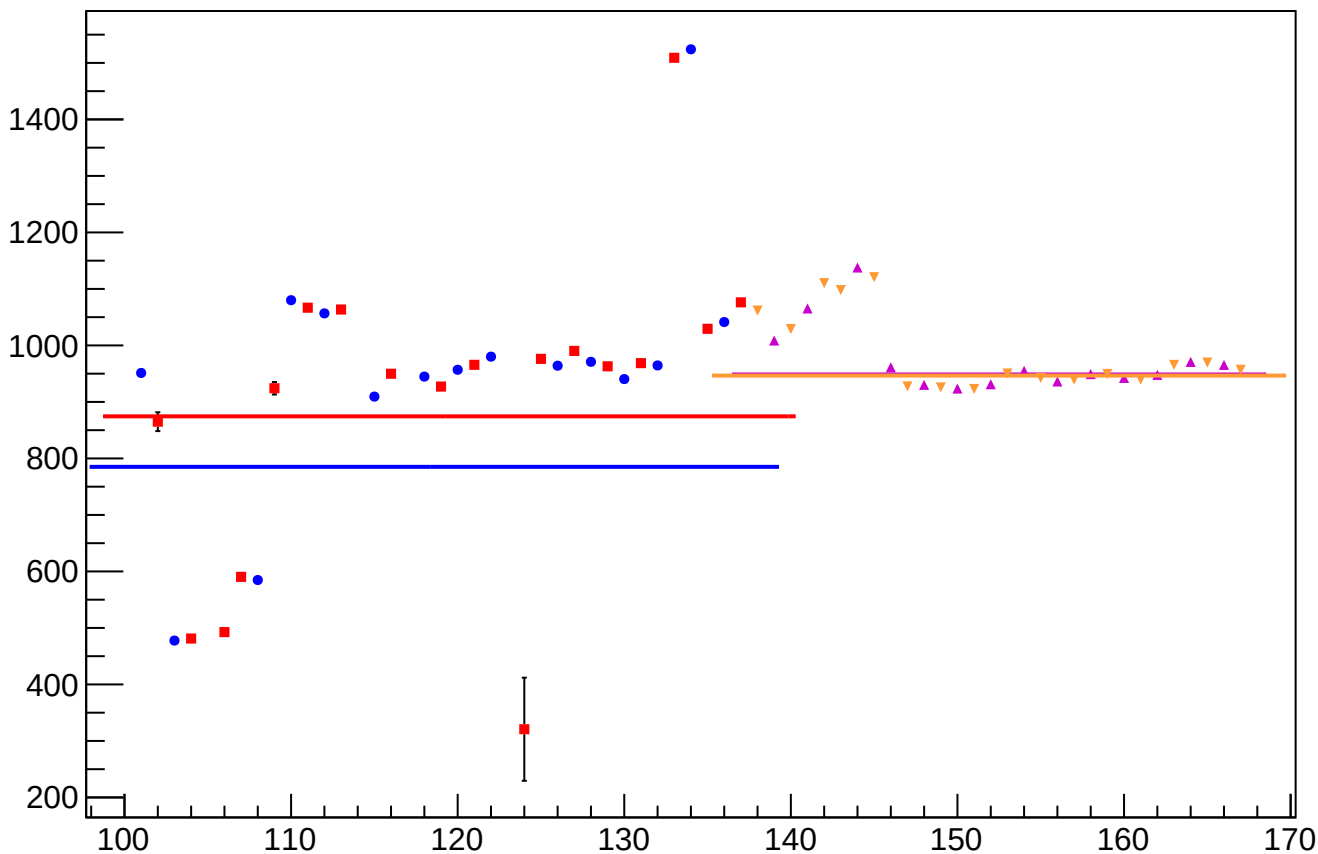
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -812.051+/-0.127 χ^2/NDF : 1353815.2/28

Out: -821.424+/-0.138 χ^2/NDF : 972661.8/33

All: -816.319+/-0.093 χ^2/NDF : 2328973.8/62

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: 948.602 $\pm$ 0.122 χ^2/NDF : 75224.9/13

Left: 947.704 $\pm$ 0.090 χ^2/NDF : 145625.9/29

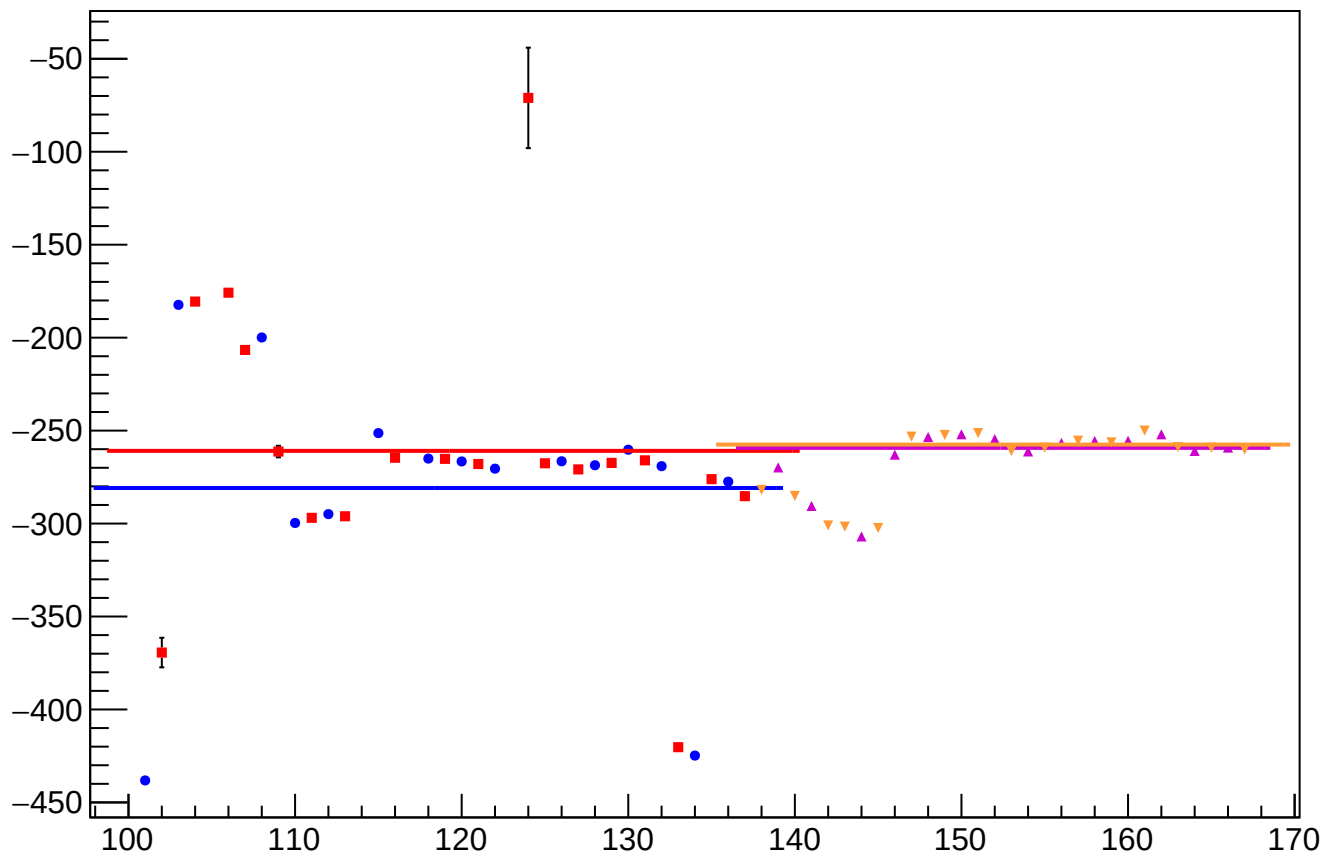
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 911.995 $\pm$ 0.108 χ^2/NDF : 1360377.3/28

Out: 931.592 $\pm$ 0.119 χ^2/NDF : 973149.0/33

All: 920.813 $\pm$ 0.080 χ^2/NDF : 2348369.7/62

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.515 ± 0.022 $\chi^2/\text{NDF}: 169074.1/15$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.281 ± 0.022 $\chi^2/\text{NDF}: 186787.4/13$

Left: -258.408 ± 0.015 $\chi^2/\text{NDF}: 359125.6/29$

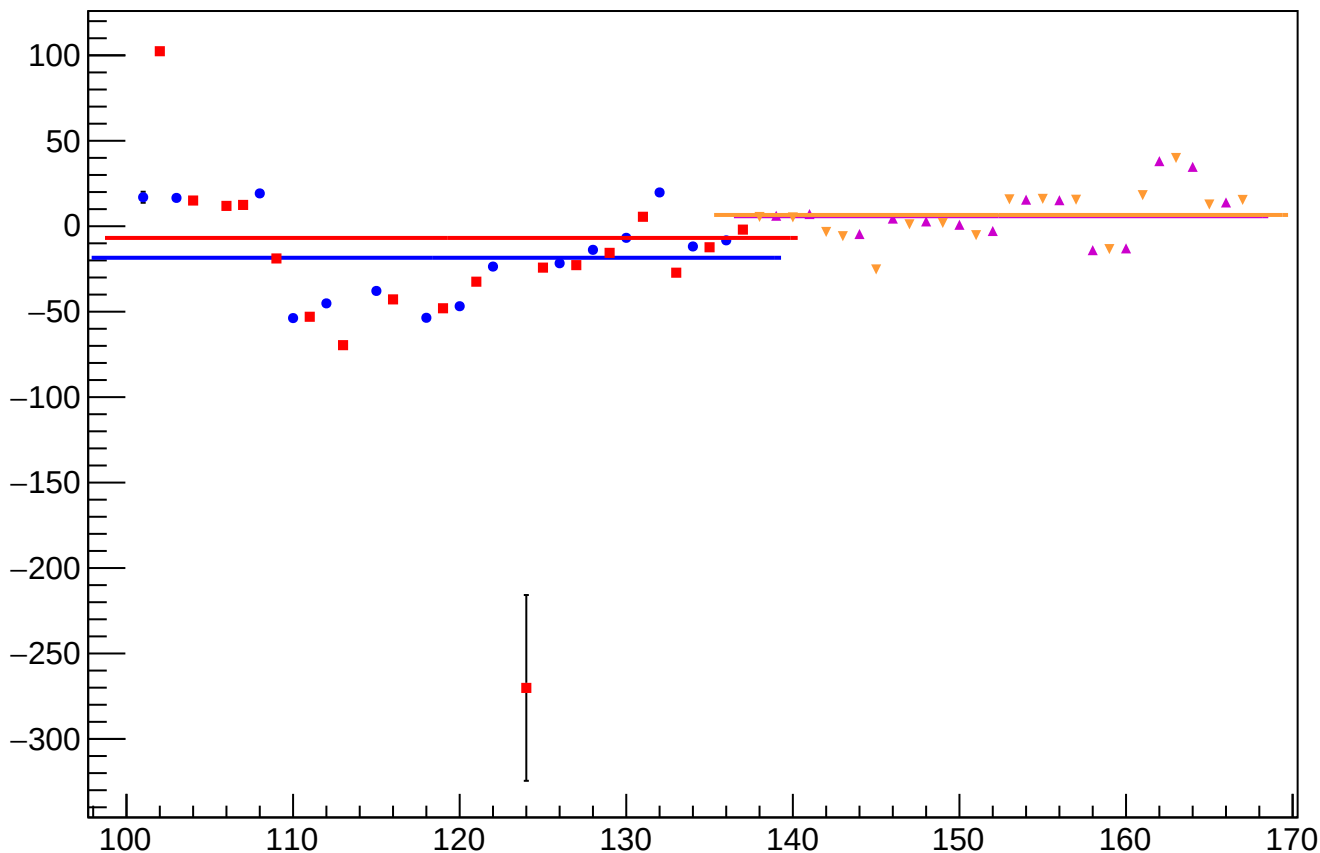
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.898 ± 0.020 $\chi^2/\text{NDF}: 1179782.1/28$

Out: -257.839 ± 0.021 $\chi^2/\text{NDF}: 519057.9/33$

All: -259.920 ± 0.015 $\chi^2/\text{NDF}: 1718162.1/62$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 6.600 ± 0.025 $\chi^2/\text{NDF}: 337754.2/15$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 5.849 ± 0.021 $\chi^2/\text{NDF}: 409933.9/13$

Left: 6.167 ± 0.016 $\chi^2/\text{NDF}: 748204.7/29$

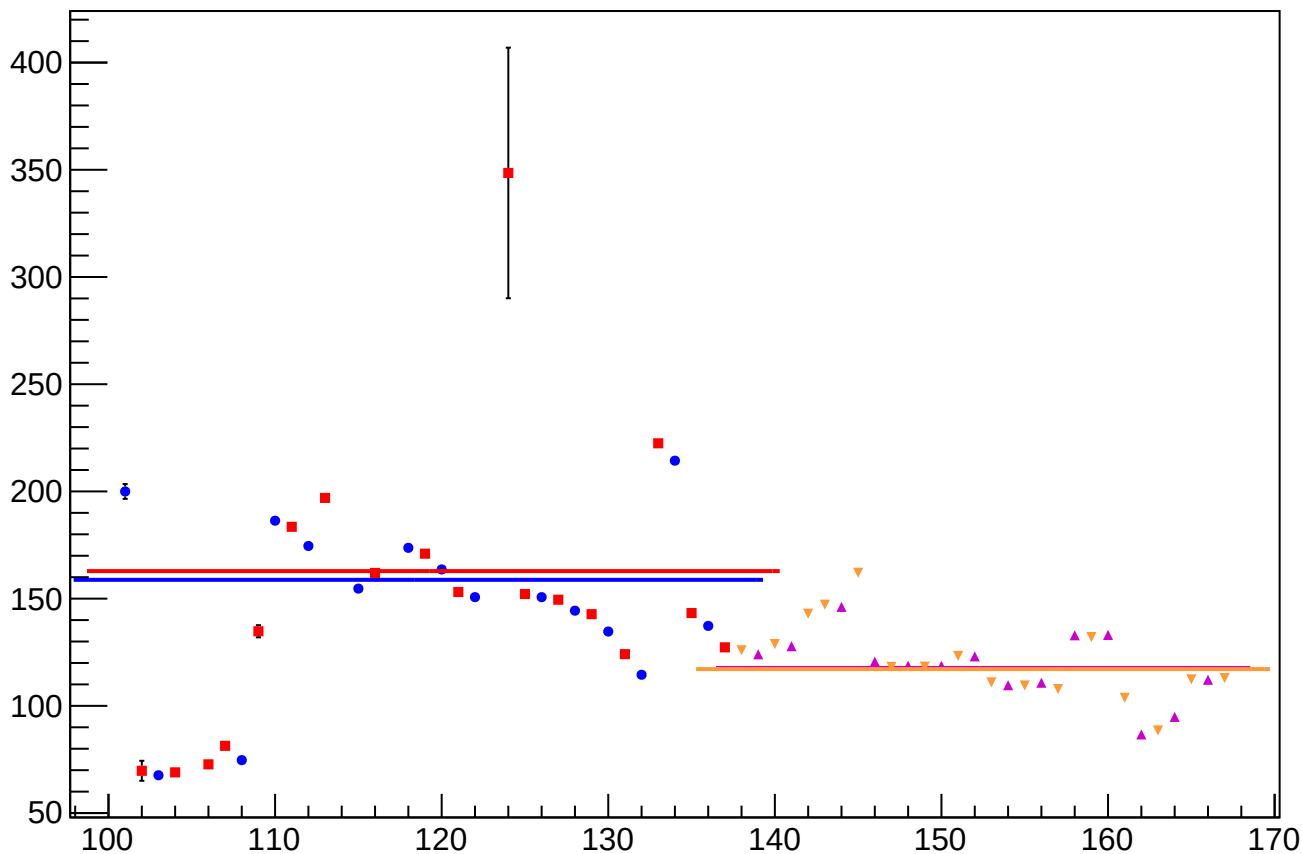
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.574 ± 0.021 $\chi^2/\text{NDF}: 523677.1/28$

Out: 4.838 ± 0.023 $\chi^2/\text{NDF}: 425435.0/33$

All: 4.691 ± 0.016 $\chi^2/\text{NDF}: 949183.0/62$

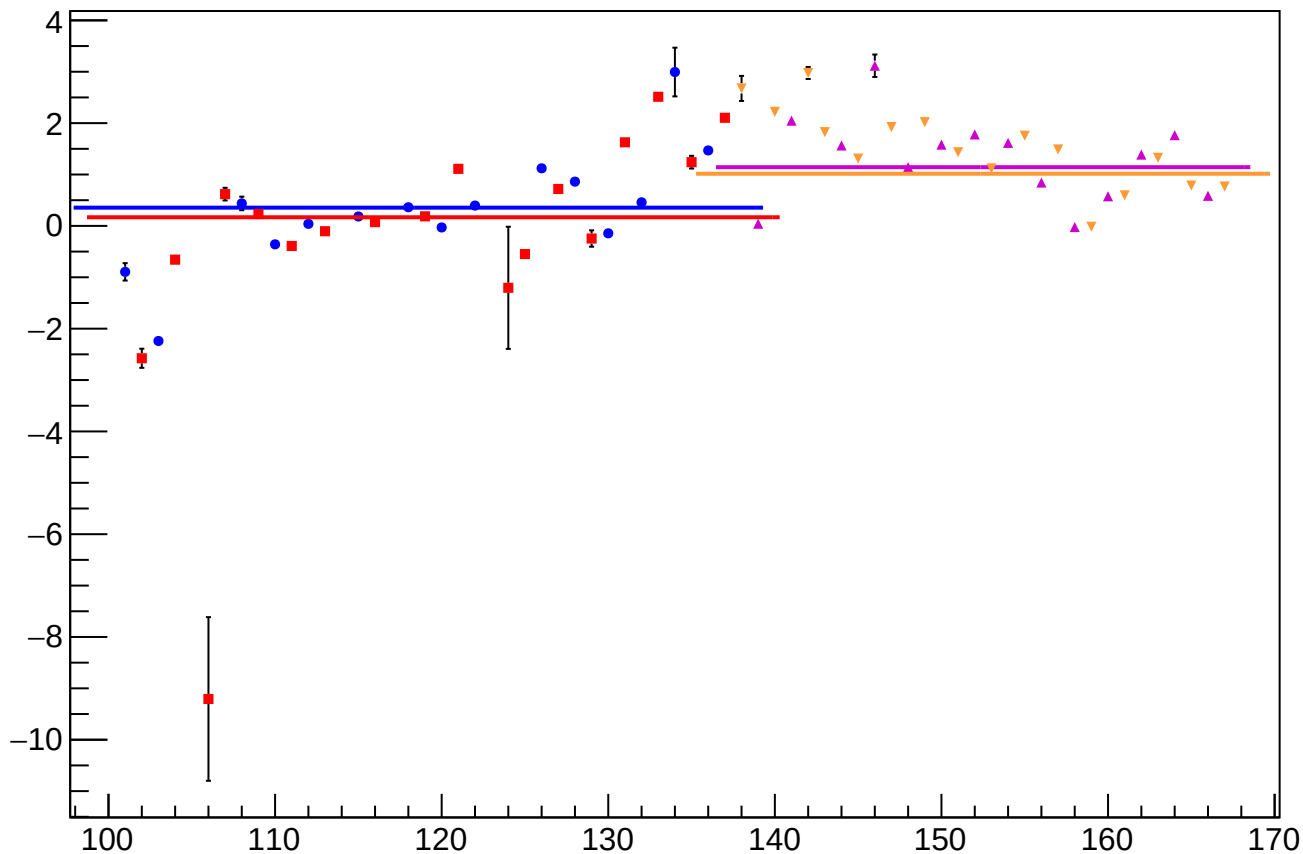
dit_atr2_4eY_slope vs Slug, Sign Corrected



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: 117.673 $\pm$ 0.027 χ^2/NDF :260550.1/13

Left: 117.432 $\pm$ 0.020 χ^2/NDF : 450499.7/29
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 121.192 $\pm$ 0.026 χ^2/NDF :617621.2/28
 Out: 121.314 $\pm$ 0.028 χ^2/NDF :564251.9/33
 All: 121.248 $\pm$ 0.019 χ^2/NDF : 1181883.2/62

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: 1.143 ± 0.009 χ^2/NDF : 6382.9/13

Left: 1.086 ± 0.006 χ^2/NDF : 11589.9/29

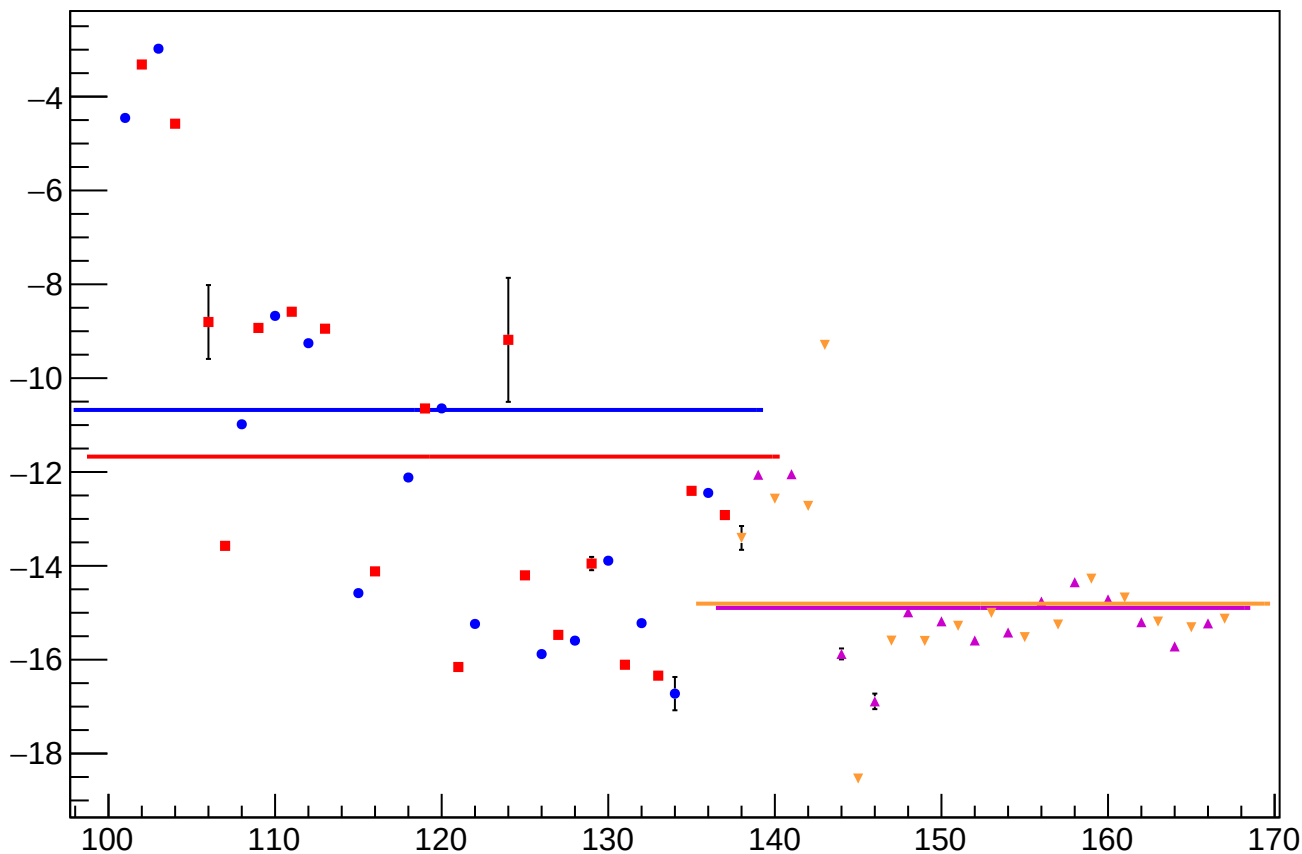
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.865 ± 0.007 χ^2/NDF : 13301.0/28

Out: 0.494 ± 0.006 χ^2/NDF : 14428.6/33

All: 0.652 ± 0.005 χ^2/NDF : 29358.6/62

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.805 $\pm$ 0.008 χ^2/NDF : 30580.0/15

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -14.897 $\pm$ 0.008 χ^2/NDF : 11844.6/13

Left: -14.851 $\pm$ 0.005 χ^2/NDF : 42494.7/29

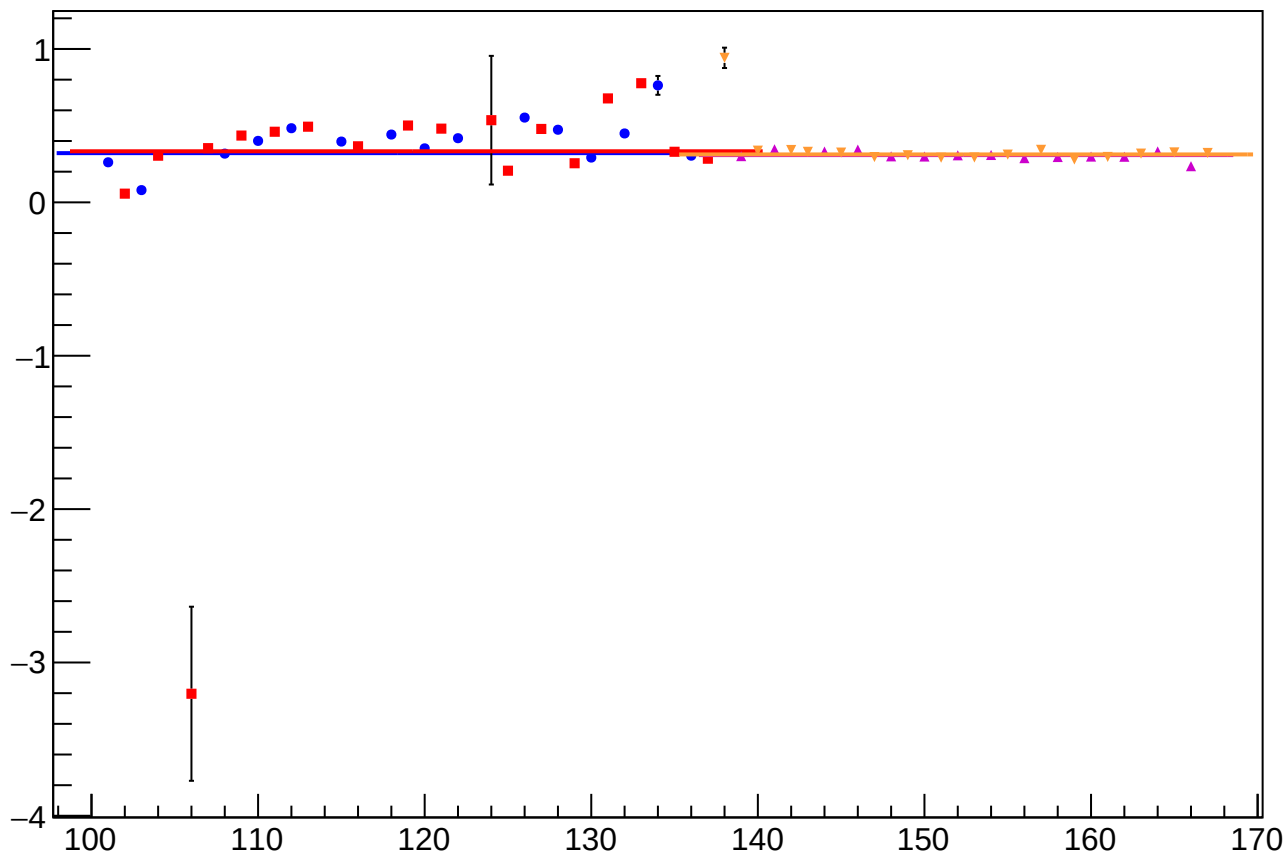
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.373 $\pm$ 0.006 χ^2/NDF : 346273.7/28

Out: -13.845 $\pm$ 0.006 χ^2/NDF : 188676.8/33

All: -13.599 $\pm$ 0.004 χ^2/NDF : 537751.4/62

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 : 2527.7/13

Left: 0.311+/-0.000 χ^2/NDF : 7071.1/29

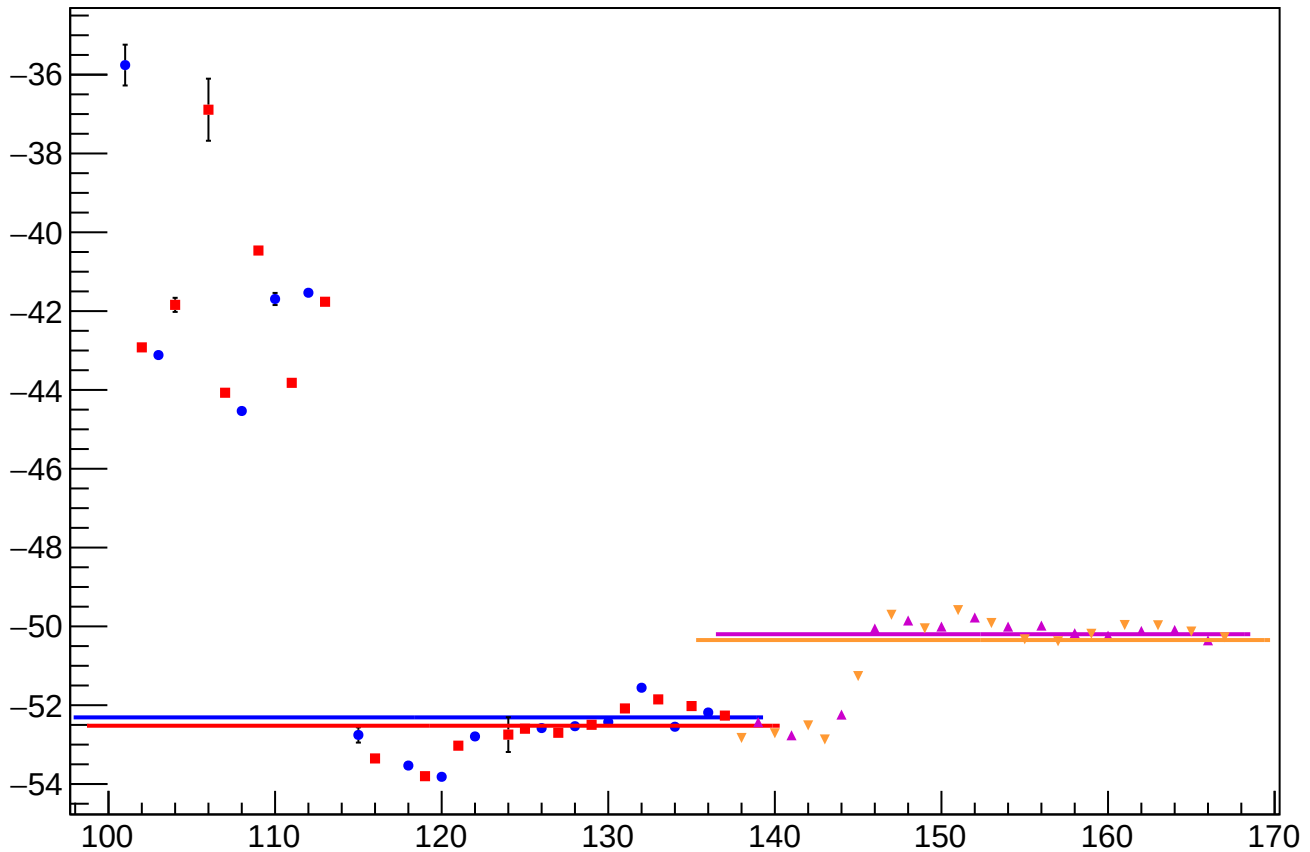
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6713.0/28

Out: 0.313+/-0.000 χ^2/NDF : 8859.0/33

All: 0.312+/-0.000 χ^2/NDF : 15677.3/62

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: -50.199 ± 0.002 χ^2/NDF : 155444.7/13

Left: -50.260 ± 0.001 χ^2/NDF : 385190.6/29

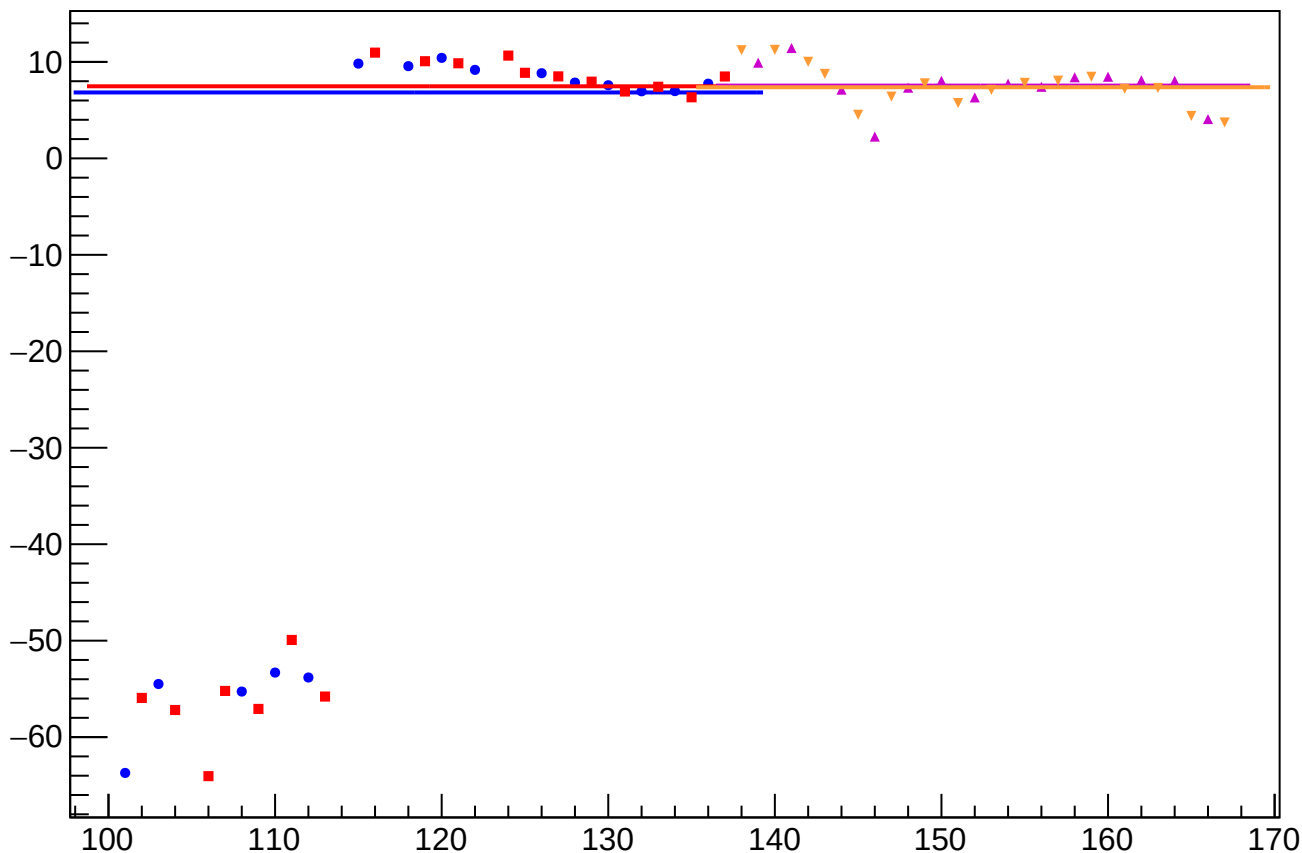
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.436 ± 0.001 χ^2/NDF : 411776.7/28

Out: -50.653 ± 0.002 χ^2/NDF : 494100.0/33

All: -50.528 ± 0.001 χ^2/NDF : 914968.9/62

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: 7.544 $\pm$ 0.004 χ^2 /NDF:106324.7/13

Left: 7.472 $\pm$ 0.003 χ^2 /NDF: 303396.8/29

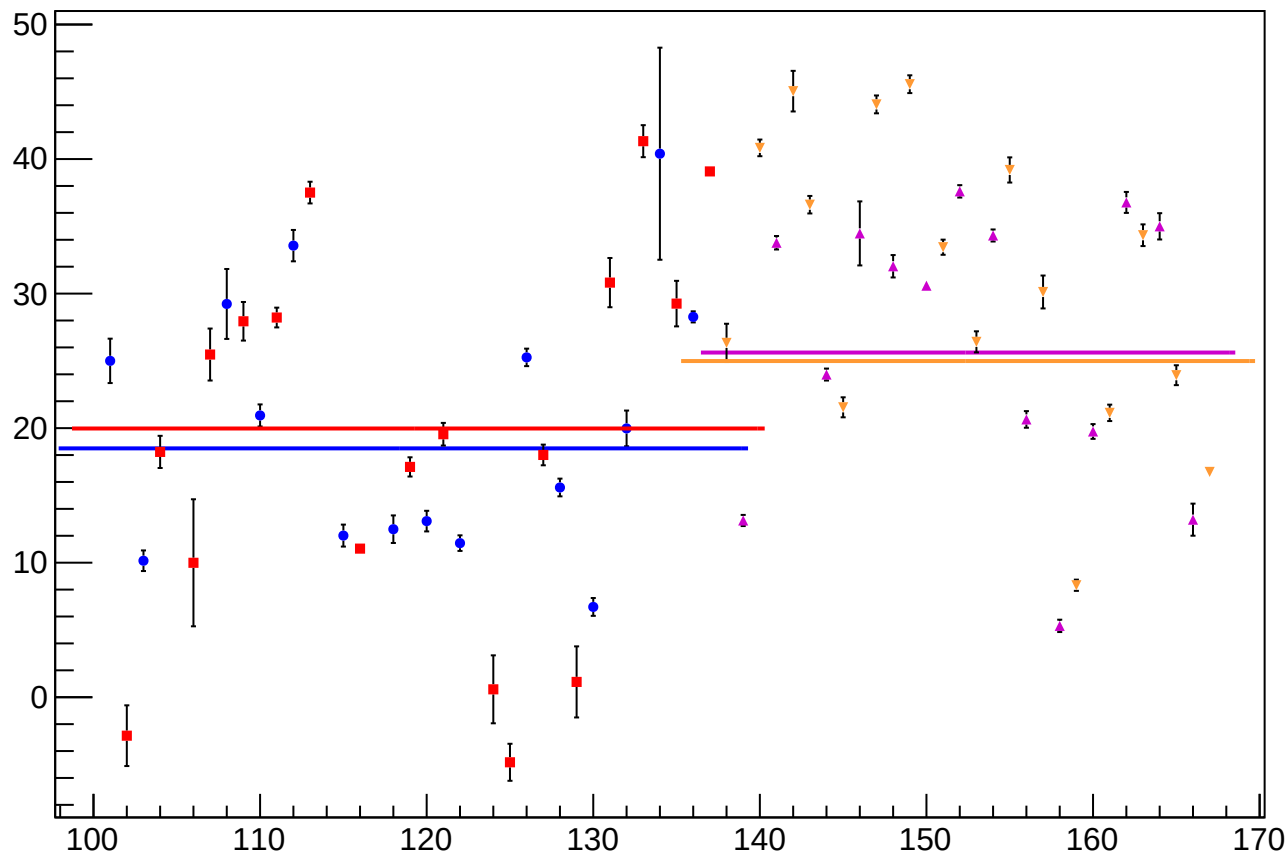
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.298 $\pm$ 0.003 χ^2 /NDF:1109779.5/28

Out: 7.393 $\pm$ 0.004 χ^2 /NDF:1391761.5/33

All: 7.333 $\pm$ 0.002 χ^2 /NDF: 2501916.2/62

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: 25.619 $\pm$ 0.142 χ^2 /NDF:5093.4/13

Left: 25.319 $\pm$ 0.103 χ^2 /NDF: 11287.0/29

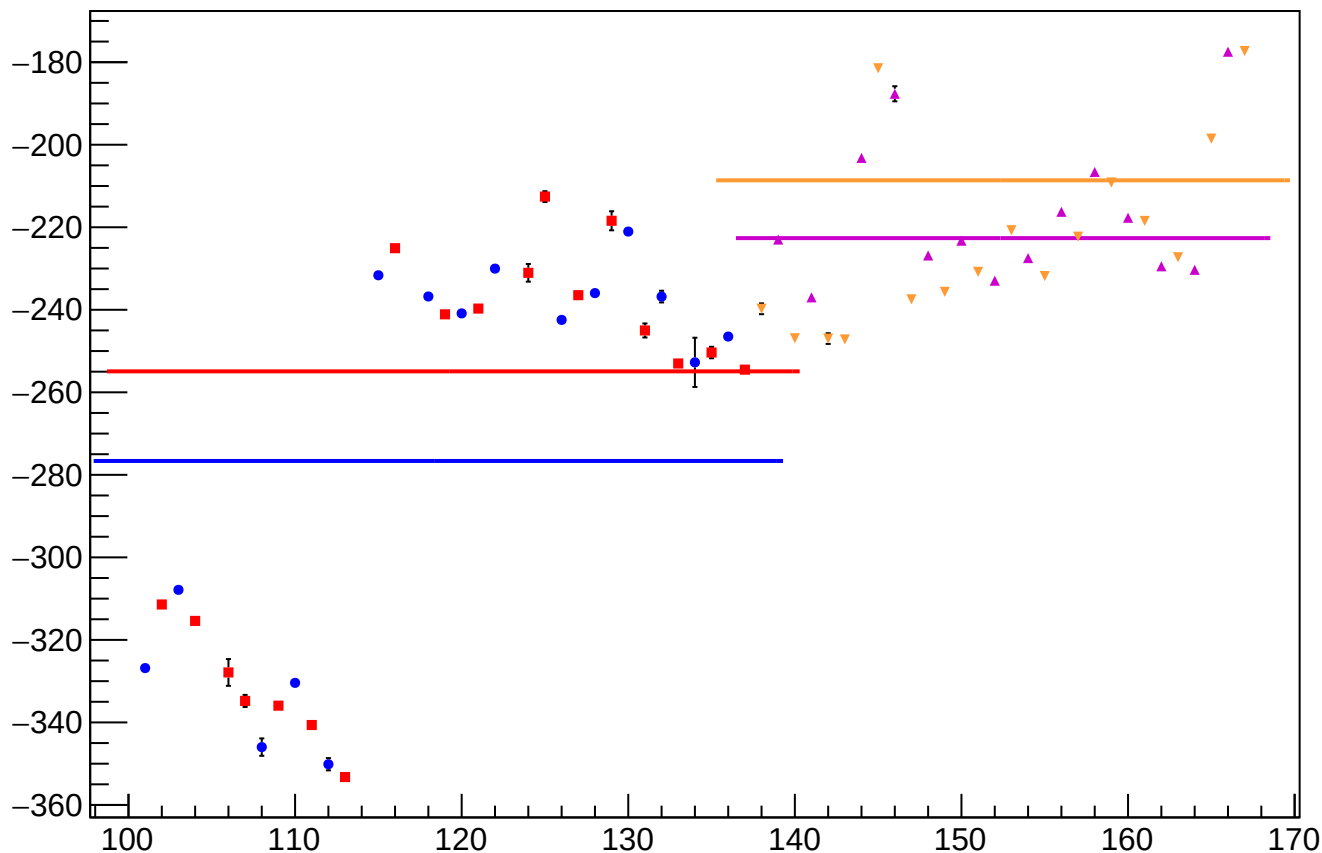
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 23.240 $\pm$ 0.116 χ^2 /NDF:7574.4/28

Out: 22.141 $\pm$ 0.098 χ^2 /NDF:16026.7/33

All: 22.601 $\pm$ 0.075 χ^2 /NDF: 23653.6/62

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -208.628 ± 0.123 χ^2/NDF : 46142.6/15

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -222.631 ± 0.122 χ^2/NDF : 7014.3/13

Left: -215.700 ± 0.086 χ^2/NDF : 59722.8/29

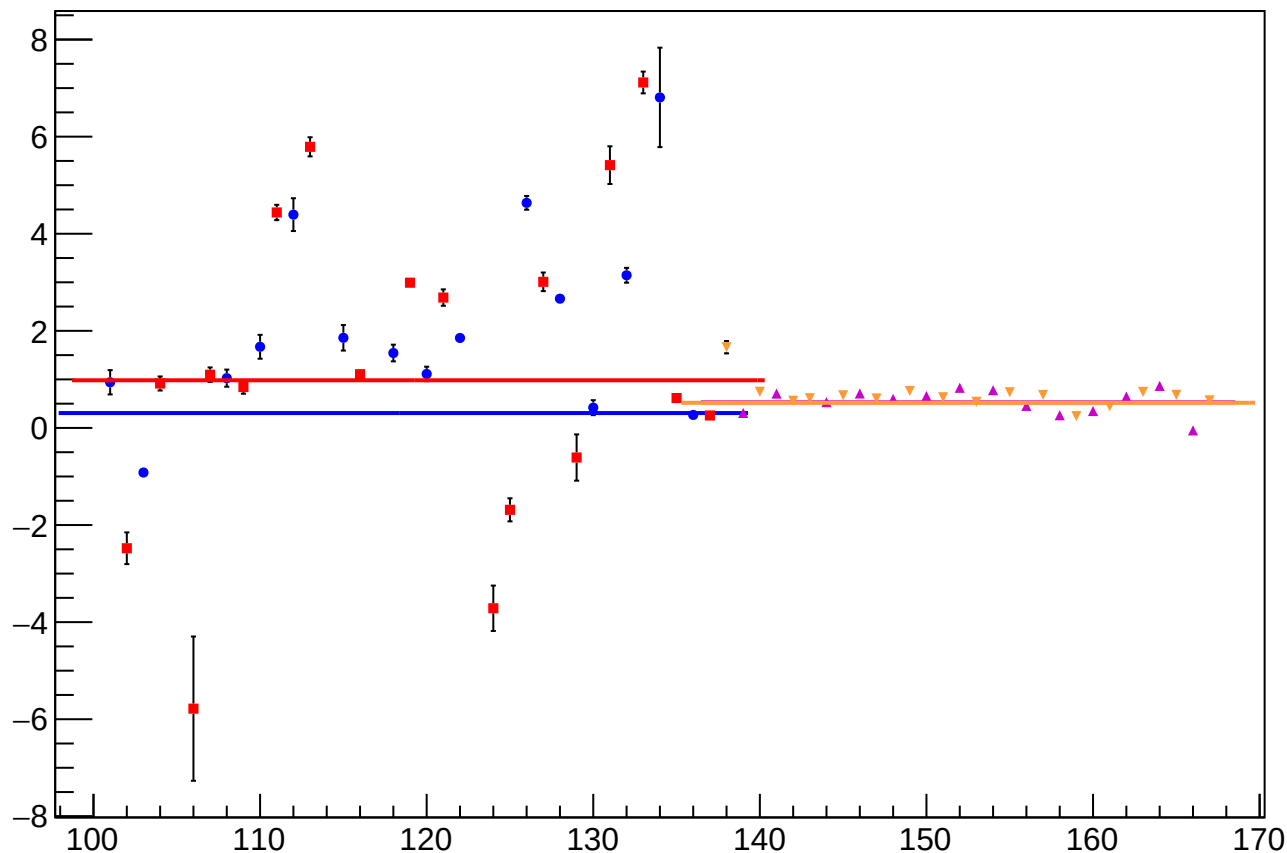
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -244.470 ± 0.094 χ^2/NDF : 163930.7/28

Out: -243.270 ± 0.062 χ^2/NDF : 224404.5/33

All: -243.631 ± 0.052 χ^2/NDF : 388449.6/62

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.518 ± 0.002 $\chi^2/\text{NDF}: 8277.4/15$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.528 ± 0.002 $\chi^2/\text{NDF}: 13290.2/13$

Left: 0.524 ± 0.001 $\chi^2/\text{NDF}: 21578.0/29$

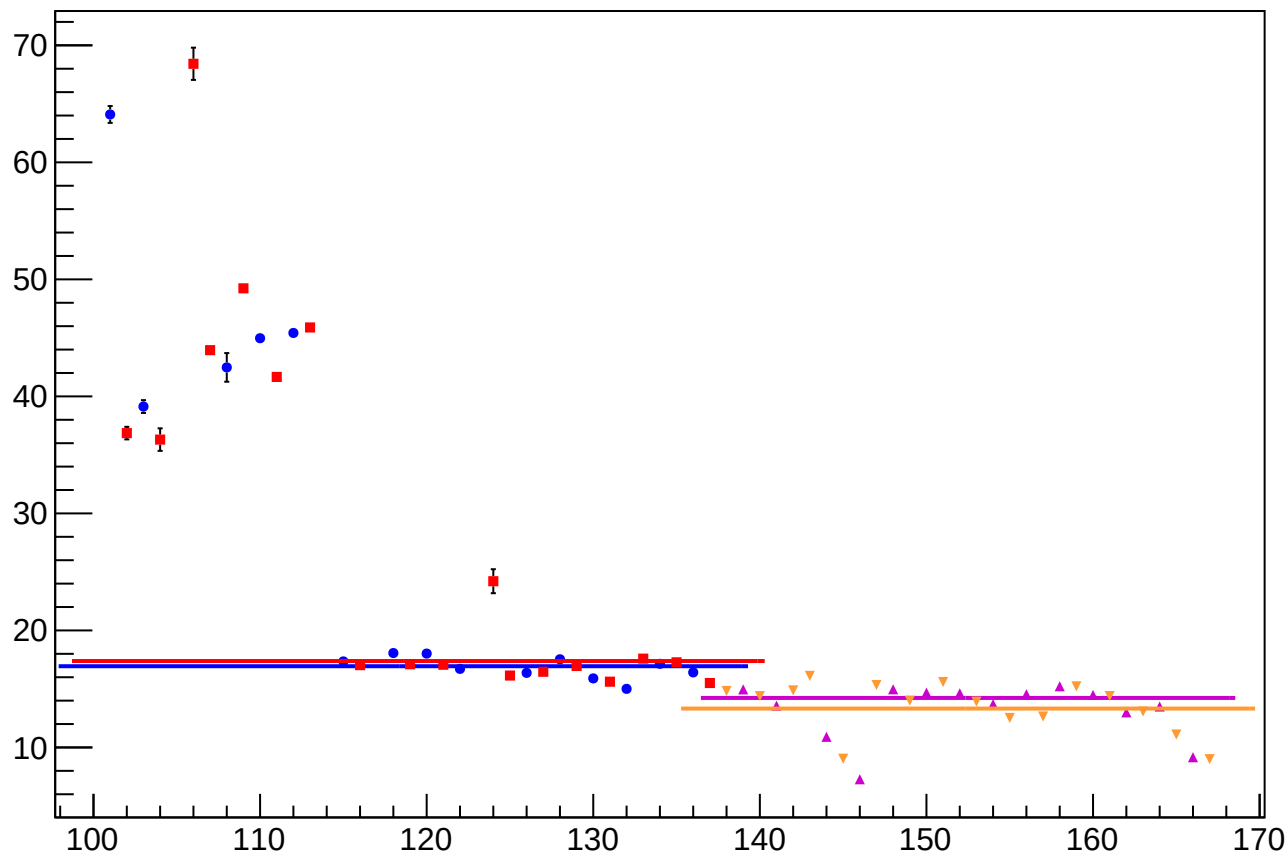
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.510 ± 0.002 $\chi^2/\text{NDF}: 17098.0/28$

Out: 0.528 ± 0.002 $\chi^2/\text{NDF}: 12628.2/33$

All: 0.518 ± 0.001 $\chi^2/\text{NDF}: 29767.4/62$

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: 14.230 ± 0.010 χ^2/NDF : 14020.3/13

Left: 13.740 ± 0.006 χ^2/NDF : 116929.1/29

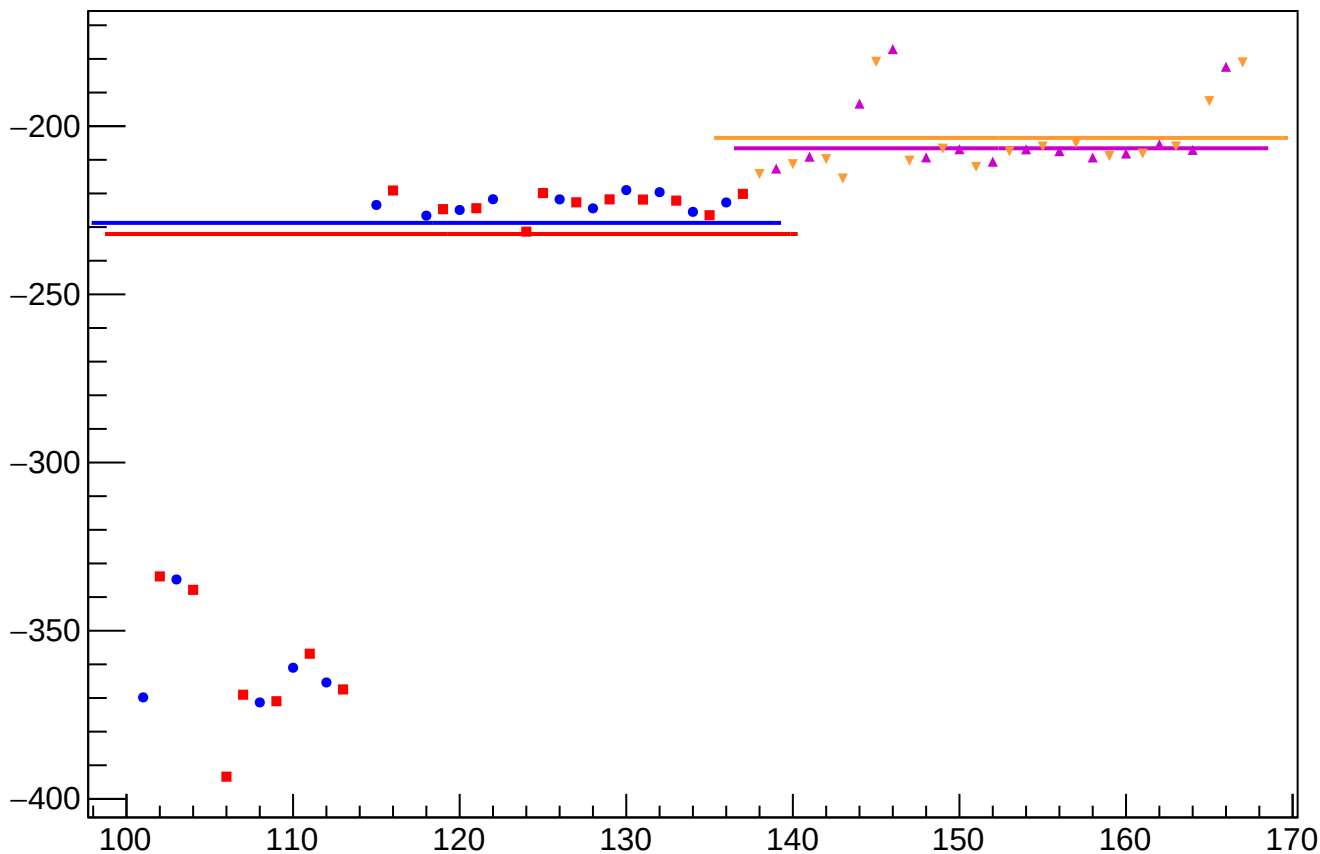
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 15.186 ± 0.008 χ^2/NDF : 71768.6/28

Out: 14.129 ± 0.008 χ^2/NDF : 201860.0/33

All: 14.670 ± 0.005 χ^2/NDF : 282960.4/62

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -203.491 ± 0.017 χ^2/NDF : 449264.0/15

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -206.570 ± 0.017 χ^2/NDF : 125555.8/13

Left: -205.032 ± 0.012 χ^2/NDF : 590833.5/29

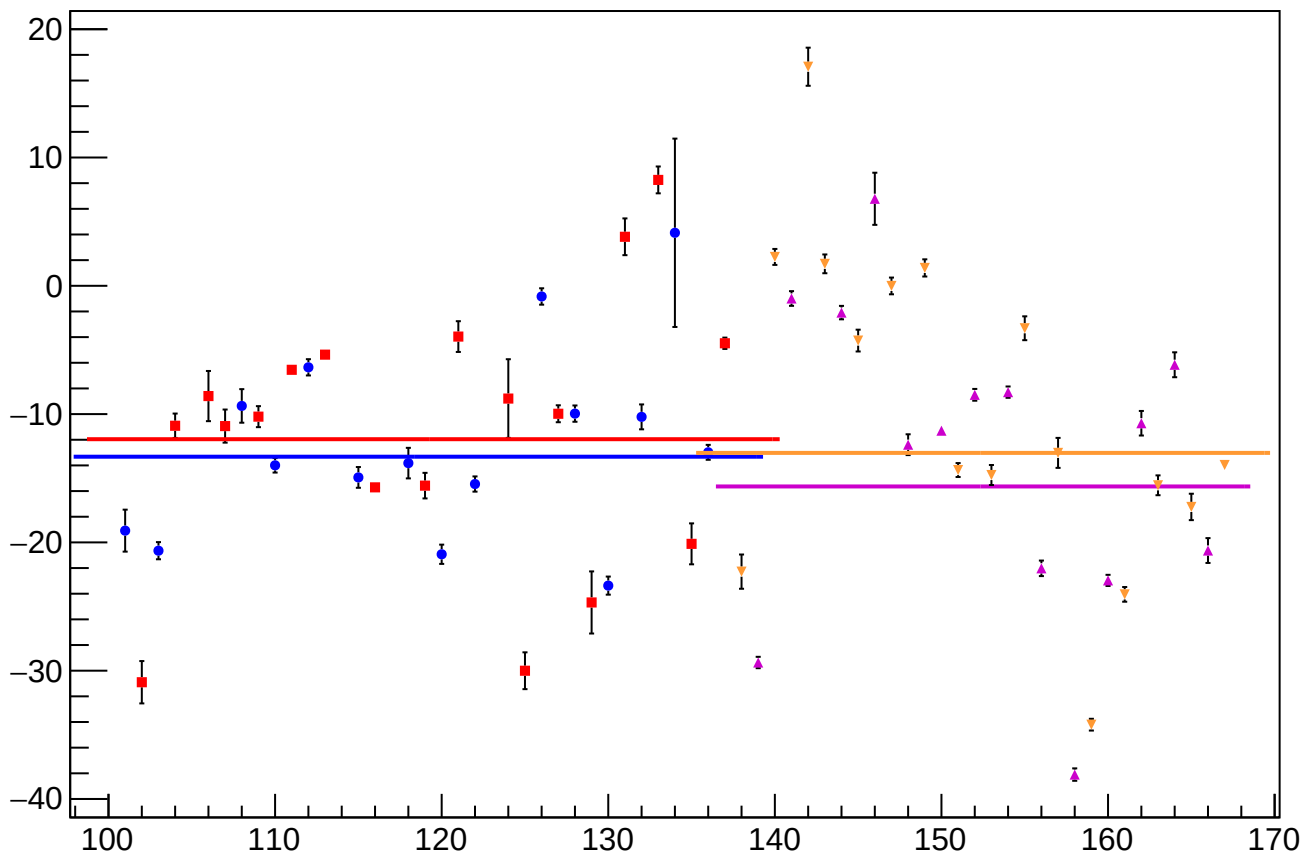
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -210.947 ± 0.015 χ^2/NDF : 1111318.2/28

Out: -207.720 ± 0.016 χ^2/NDF : 1648376.9/33

All: -209.383 ± 0.011 χ^2/NDF : 2780955.5/62

dit_sam3_4aX_slope vs Slug, Sign Corrected



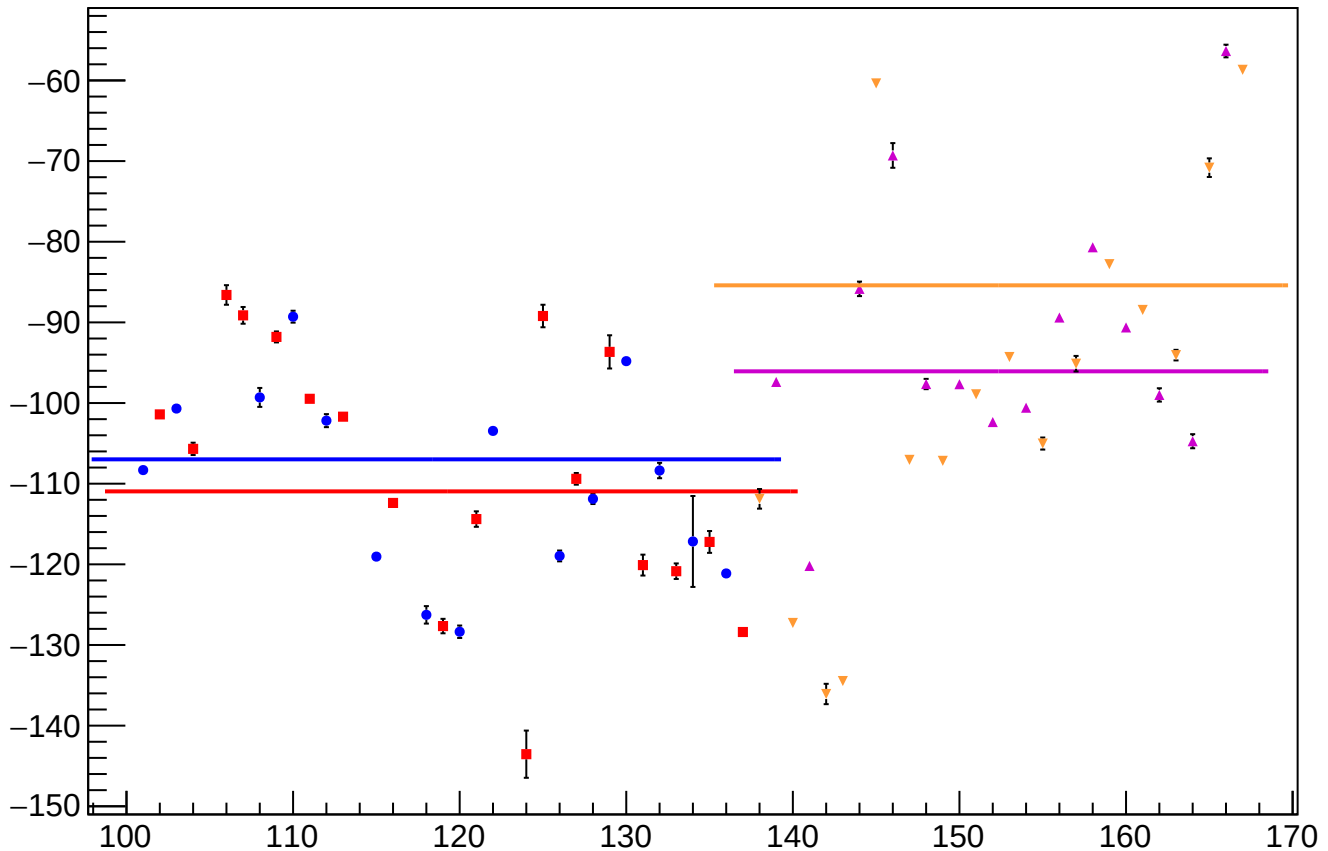
Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$
 Left Out: -13.024 ± 0.156 $\chi^2/\text{NDF}: 5095.6/15$
 Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$
 Left In: -15.640 ± 0.146 $\chi^2/\text{NDF}: 5786.1/13$

Left: -14.419 ± 0.106 $\chi^2/\text{NDF}: 11032.2/29$
 Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.802 ± 0.116 $\chi^2/\text{NDF}: 6890.6/28$
 Out: -12.323 ± 0.091 $\chi^2/\text{NDF}: 7613.7/33$

All: -13.266 ± 0.072 $\chi^2/\text{NDF}: 14785.1/62$

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: -96.069 ± 0.122 $\chi^2/\text{NDF}: 7946.9/13$

Left: -90.784 ± 0.086 $\chi^2/\text{NDF}: 50816.2/29$

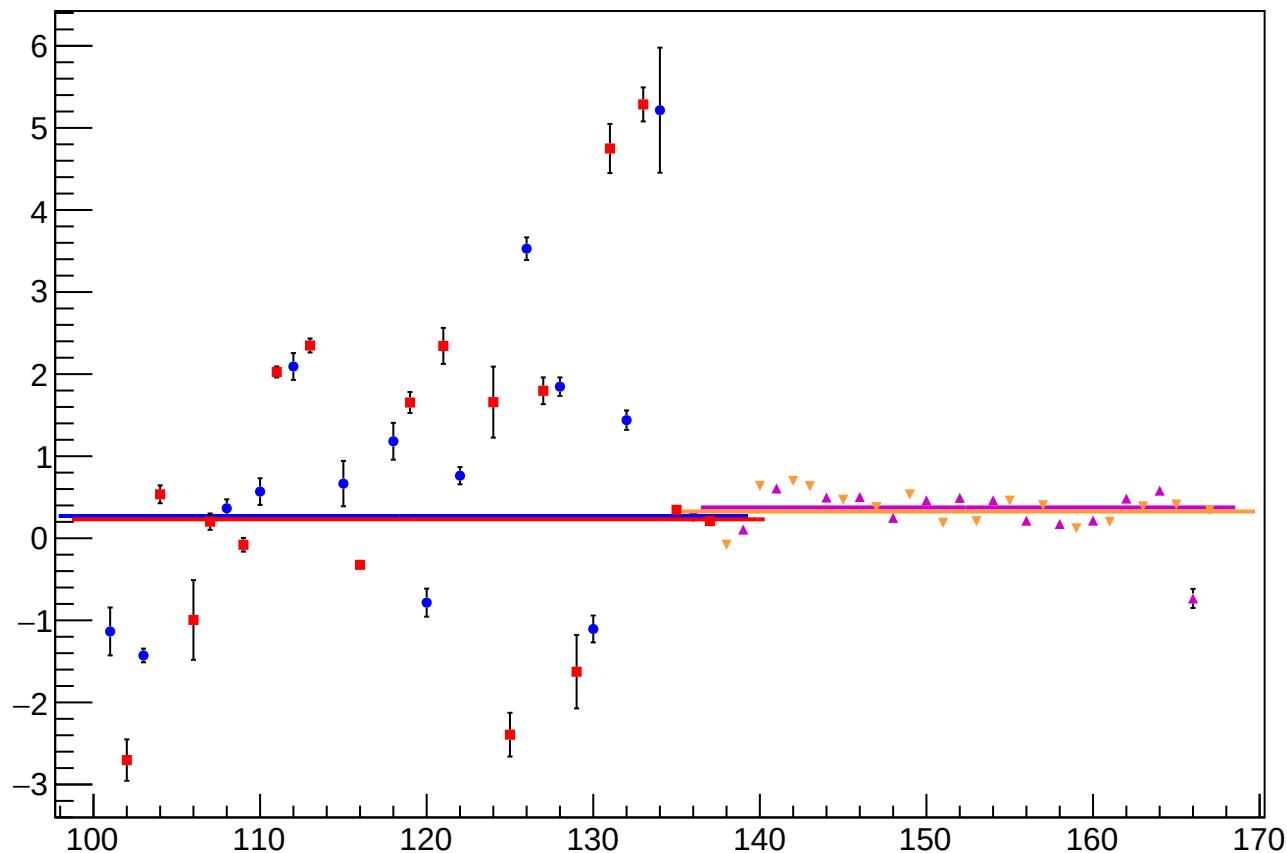
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -102.078 ± 0.082 $\chi^2/\text{NDF}: 17027.3/28$

Out: -107.300 ± 0.046 $\chi^2/\text{NDF}: 86816.7/33$

All: -106.023 ± 0.040 $\chi^2/\text{NDF}: 106935.3/62$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.326 ± 0.002 $\chi^2/\text{NDF}: 6488.6/15$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.376 ± 0.002 $\chi^2/\text{NDF}: 7683.4/13$

Left: 0.353 ± 0.001 $\chi^2/\text{NDF}: 14445.6/29$

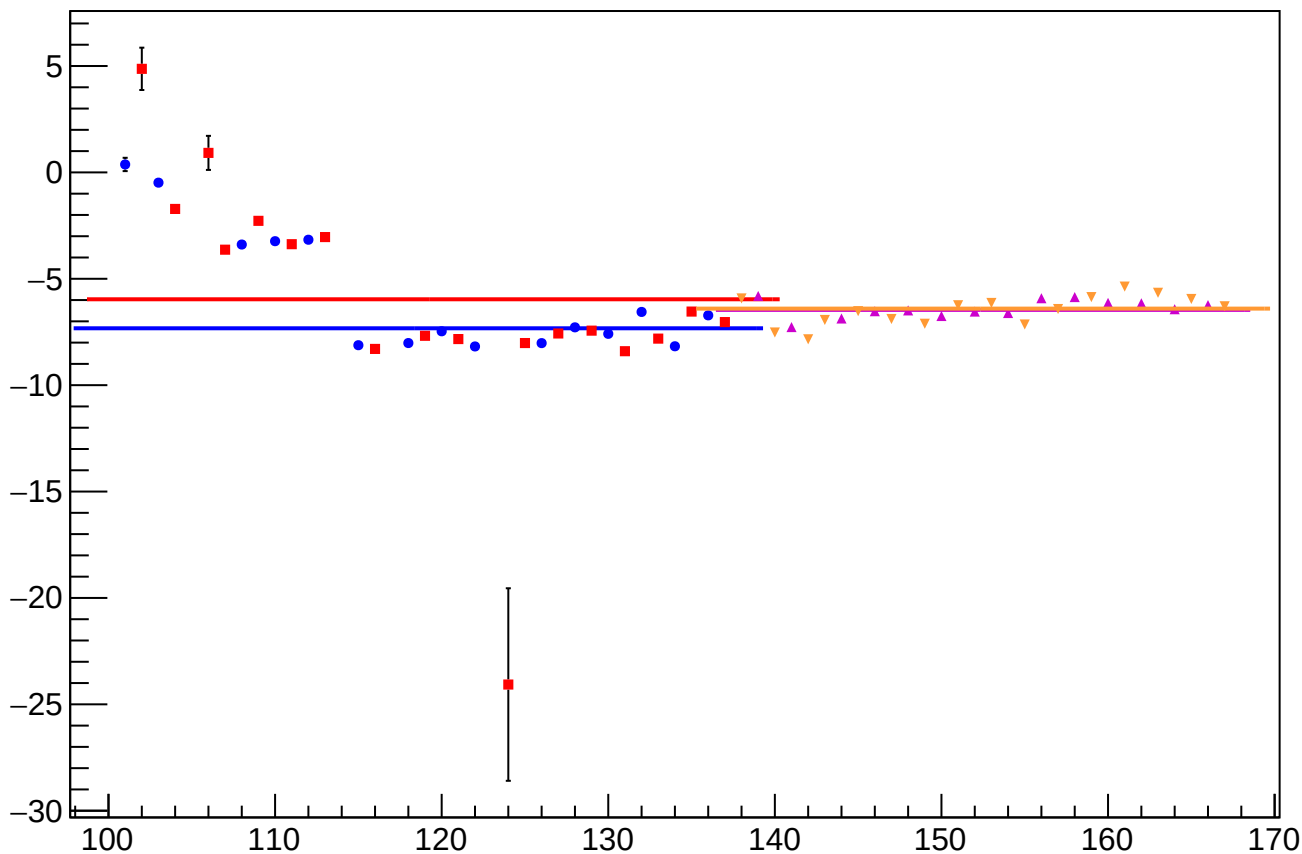
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.363 ± 0.002 $\chi^2/\text{NDF}: 9632.2/28$

Out: 0.307 ± 0.002 $\chi^2/\text{NDF}: 9768.9/33$

All: 0.336 ± 0.001 $\chi^2/\text{NDF}: 19816.5/62$

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: -6.462 ± 0.006 $\chi^2/\text{NDF}: 5357.1/13$

Left: -6.431 ± 0.004 $\chi^2/\text{NDF}: 11407.0/29$

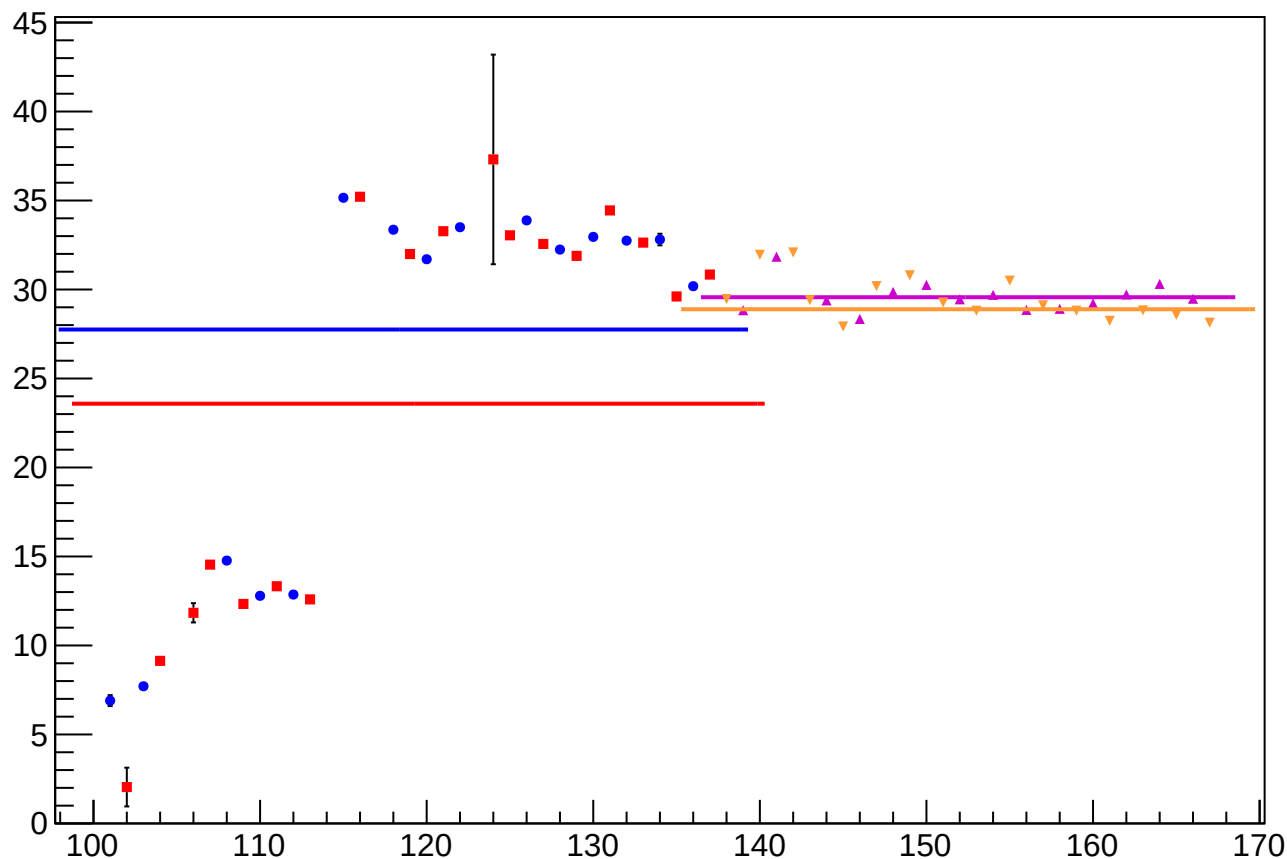
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.745 ± 0.005 $\chi^2/\text{NDF}: 43013.0/28$

Out: -6.273 ± 0.005 $\chi^2/\text{NDF}: 79563.8/33$

All: -6.507 ± 0.003 $\chi^2/\text{NDF}: 127458.9/62$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 ± 0.015 $\chi^2/\text{NDF}: 332926.6/14$

Left Out: 28.890 ± 0.010 $\chi^2/\text{NDF}: 11385.3/15$

Right Out: 23.585 ± 0.014 $\chi^2/\text{NDF}: 539616.2/17$

Left In: 29.567 ± 0.011 $\chi^2/\text{NDF}: 3011.9/13$

Left: 29.199 ± 0.007 $\chi^2/\text{NDF}: 16477.9/29$

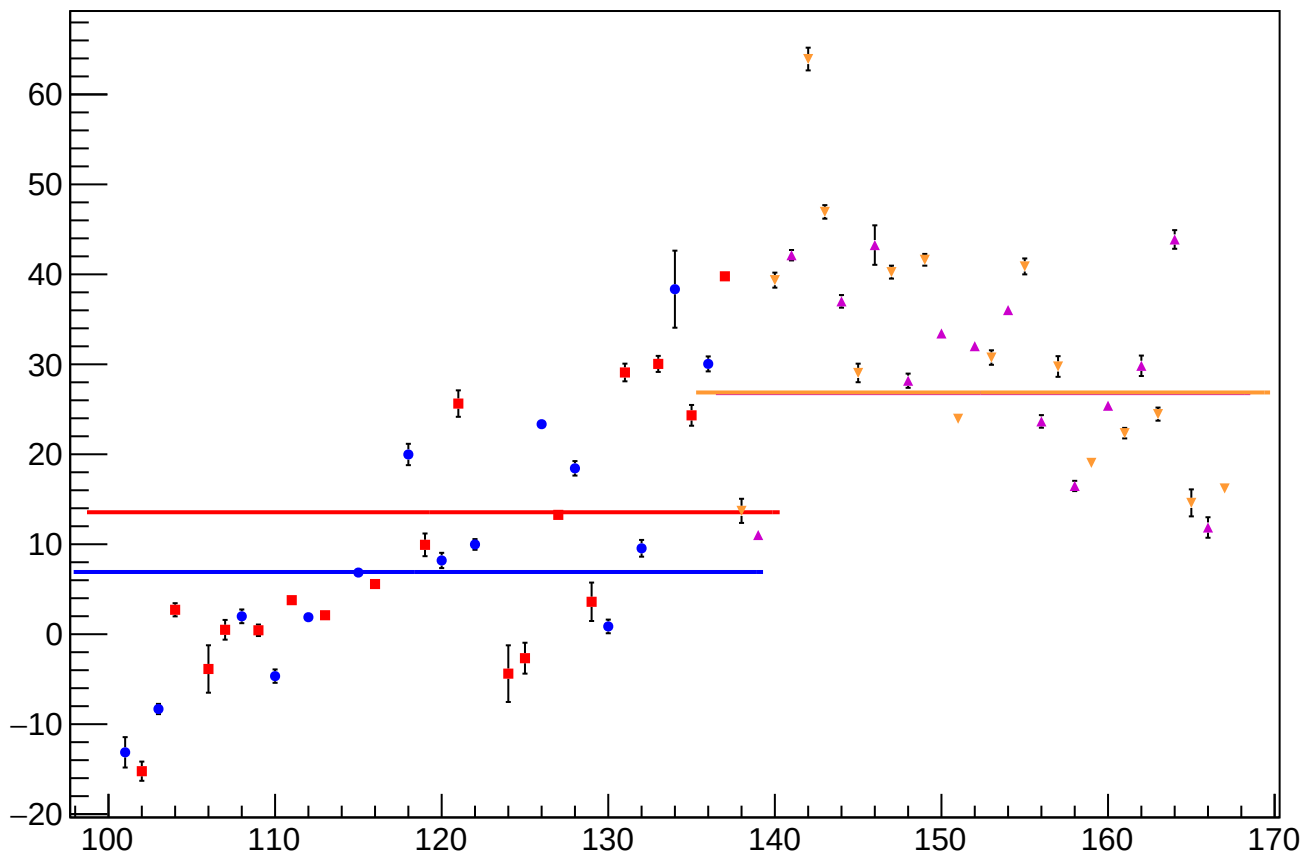
Right: 25.477 ± 0.010 $\chi^2/\text{NDF}: 914478.1/32$

In: 28.939 ± 0.009 $\chi^2/\text{NDF}: 345466.2/28$

Out: 27.045 ± 0.008 $\chi^2/\text{NDF}: 648629.3/33$

All: 27.908 ± 0.006 $\chi^2/\text{NDF}: 1019085.7/62$

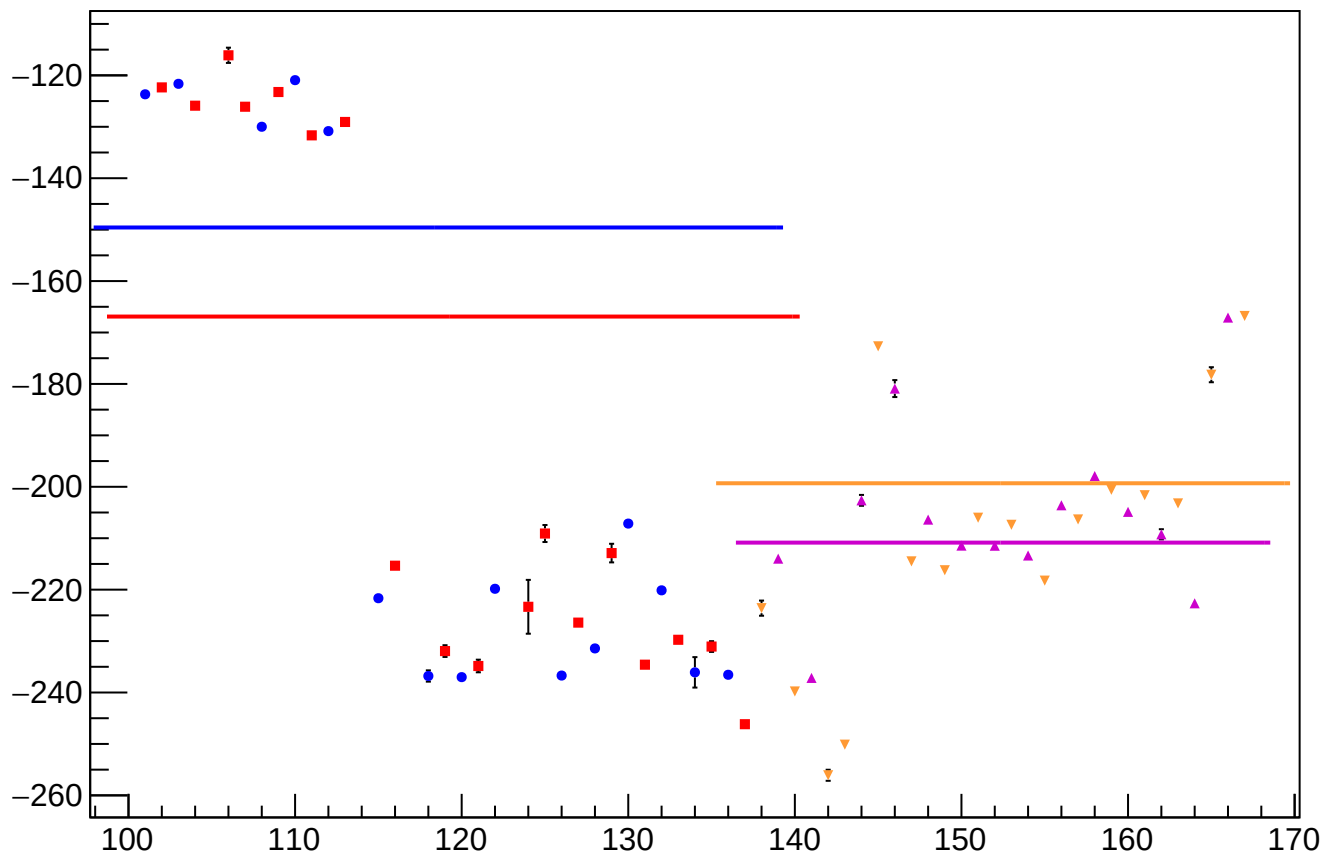
dit_sam4_4aX_slope vs Slug, Sign Corrected



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: 26.798 ± 0.145 $\chi^2/\text{NDF}: 5075.1/13$

Left: 26.829 ± 0.110 $\chi^2/\text{NDF}: 9485.5/29$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 18.814 ± 0.112 $\chi^2/\text{NDF}: 16167.8/28$
 Out: 19.203 ± 0.110 $\chi^2/\text{NDF}: 19639.4/33$
 All: 19.012 ± 0.078 $\chi^2/\text{NDF}: 35813.3/62$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -199.313 ± 0.135 $\chi^2/\text{NDF}: 31940.0/15$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -210.855 ± 0.121 $\chi^2/\text{NDF}: 7447.2/13$

Left: -205.707 ± 0.090 $\chi^2/\text{NDF}: 43433.8/29$

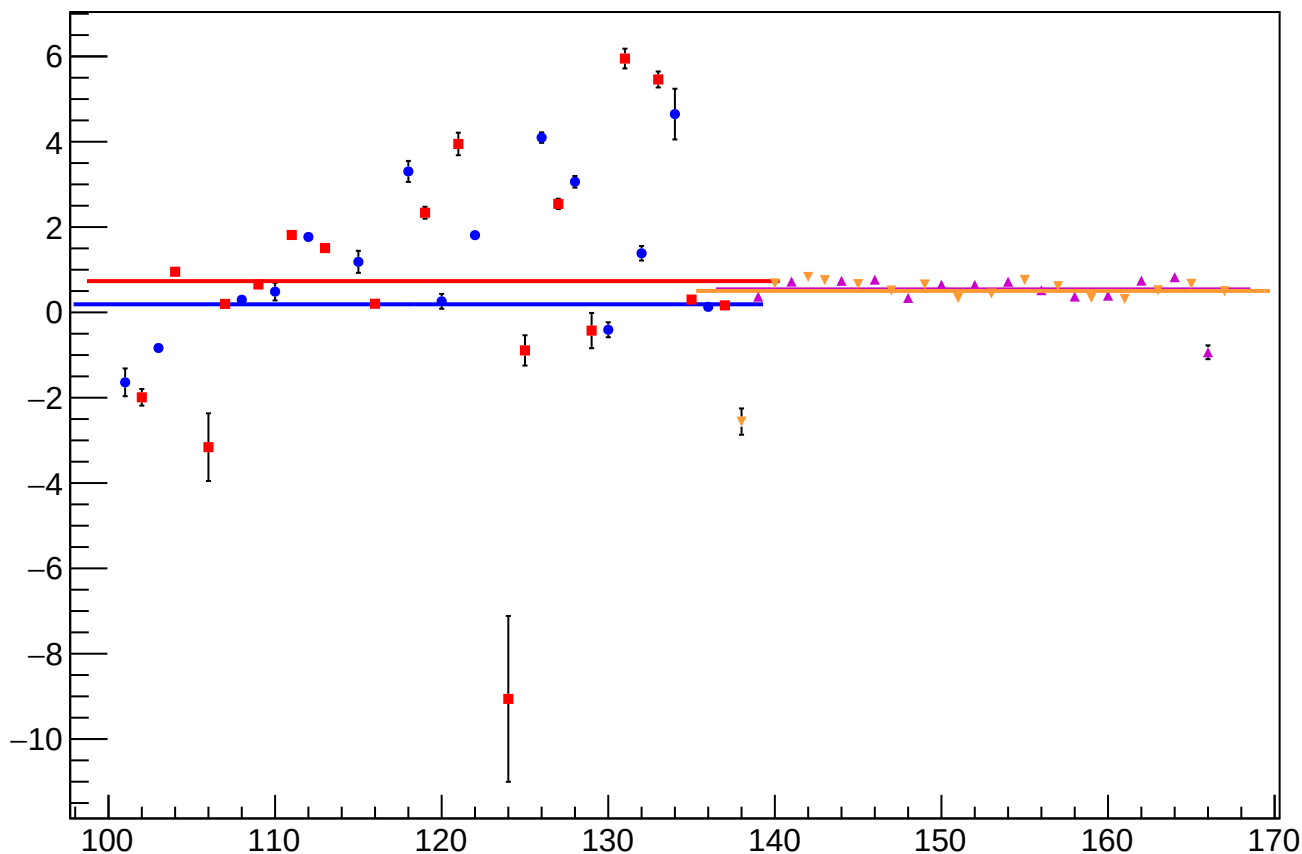
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.662 ± 0.078 $\chi^2/\text{NDF}: 353582.8/28$

Out: -178.466 ± 0.081 $\chi^2/\text{NDF}: 364485.0/33$

All: -176.488 ± 0.056 $\chi^2/\text{NDF}: 719223.6/62$

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: 0.539 $\pm$ 0.002 χ^2 /NDF:4357.5/13

Left: 0.524 $\pm$ 0.002 χ^2 /NDF: 7823.4/29

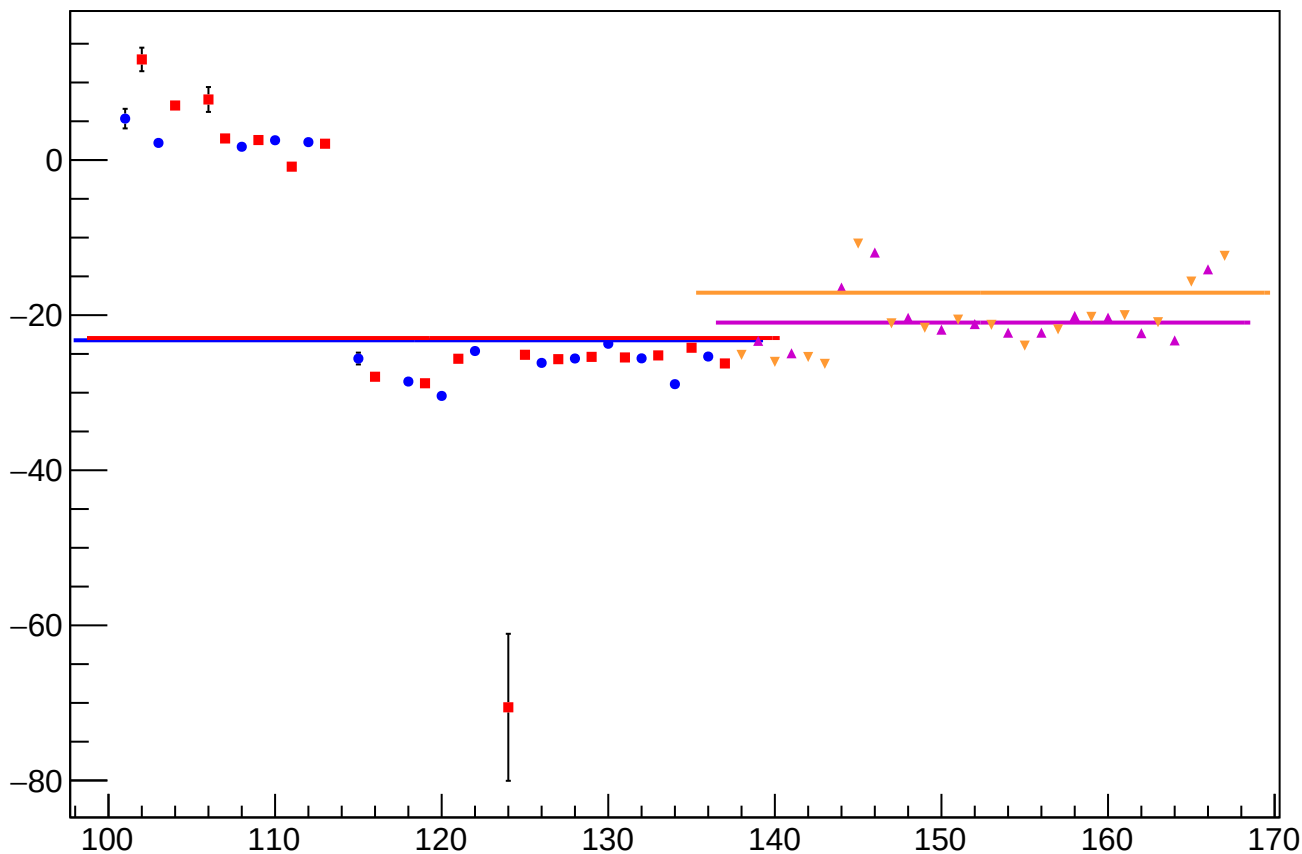
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.514 $\pm$ 0.002 χ^2 /NDF:8612.1/28

Out: 0.508 $\pm$ 0.003 χ^2 /NDF:6168.9/33

All: 0.511 $\pm$ 0.002 χ^2 /NDF: 14783.7/62

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: -20.958 ± 0.016 $\chi^2/\text{NDF}: 12172.2/13$

Left: -18.843 ± 0.010 $\chi^2/\text{NDF}: 186445.7/29$

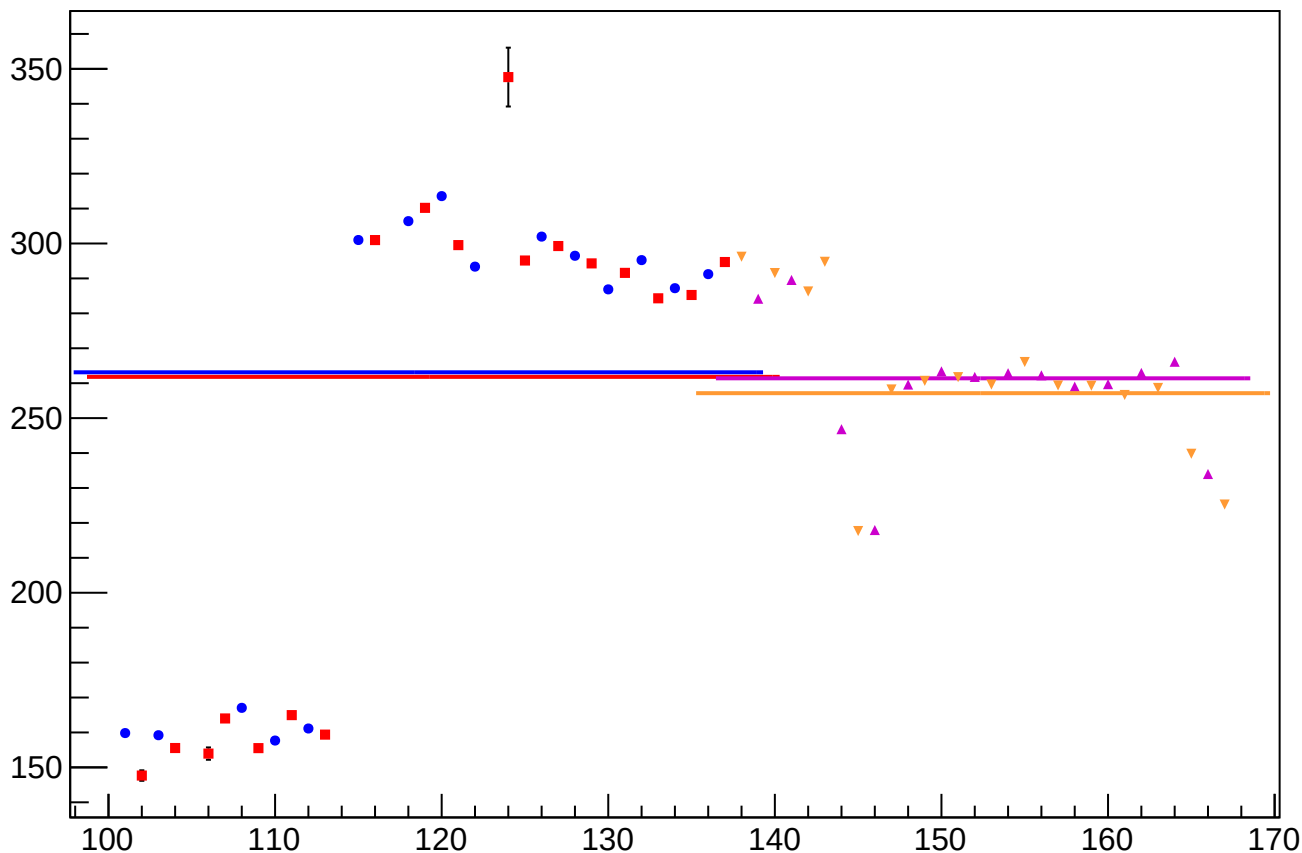
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.605 ± 0.013 $\chi^2/\text{NDF}: 121364.4/28$

Out: -18.545 ± 0.012 $\chi^2/\text{NDF}: 290963.9/33$

All: -19.964 ± 0.009 $\chi^2/\text{NDF}: 441215.1/62$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 257.142 $\pm$ 0.035 χ^2 /NDF: 369997.6/15

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 261.397 $\pm$ 0.033 χ^2 /NDF: 46773.9/13

Left: 259.384 $\pm$ 0.024 χ^2 /NDF: 424648.4/29

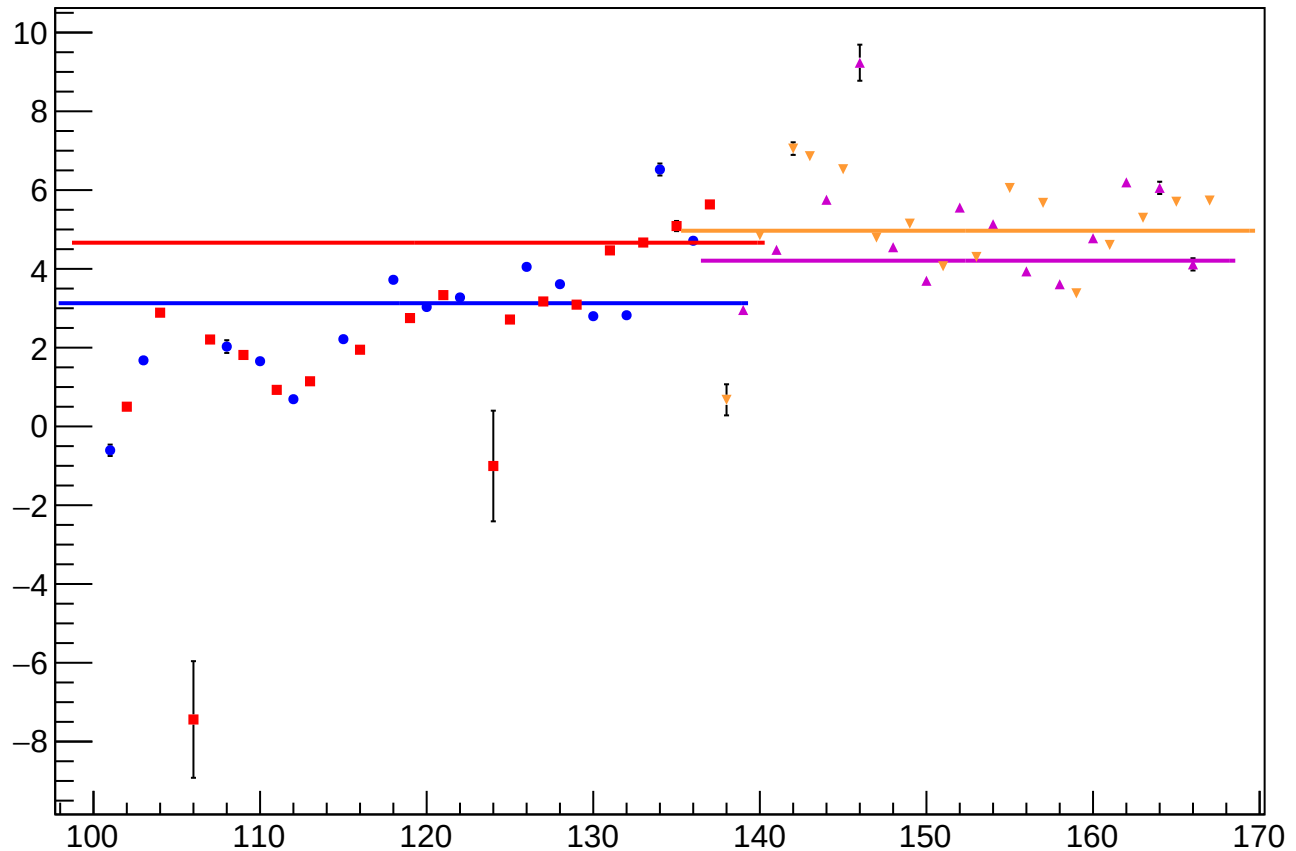
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 261.717 $\pm$ 0.030 χ^2 /NDF: 740166.3/28

Out: 258.306 $\pm$ 0.030 χ^2 /NDF: 1380674.4/33

All: 260.034 $\pm$ 0.021 χ^2 /NDF: 2127324.1/62

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: 4.208 ± 0.016 $\chi^2/\text{NDF}: 3239.1/13$

Left: 4.583 ± 0.011 $\chi^2/\text{NDF}: 6760.0/29$

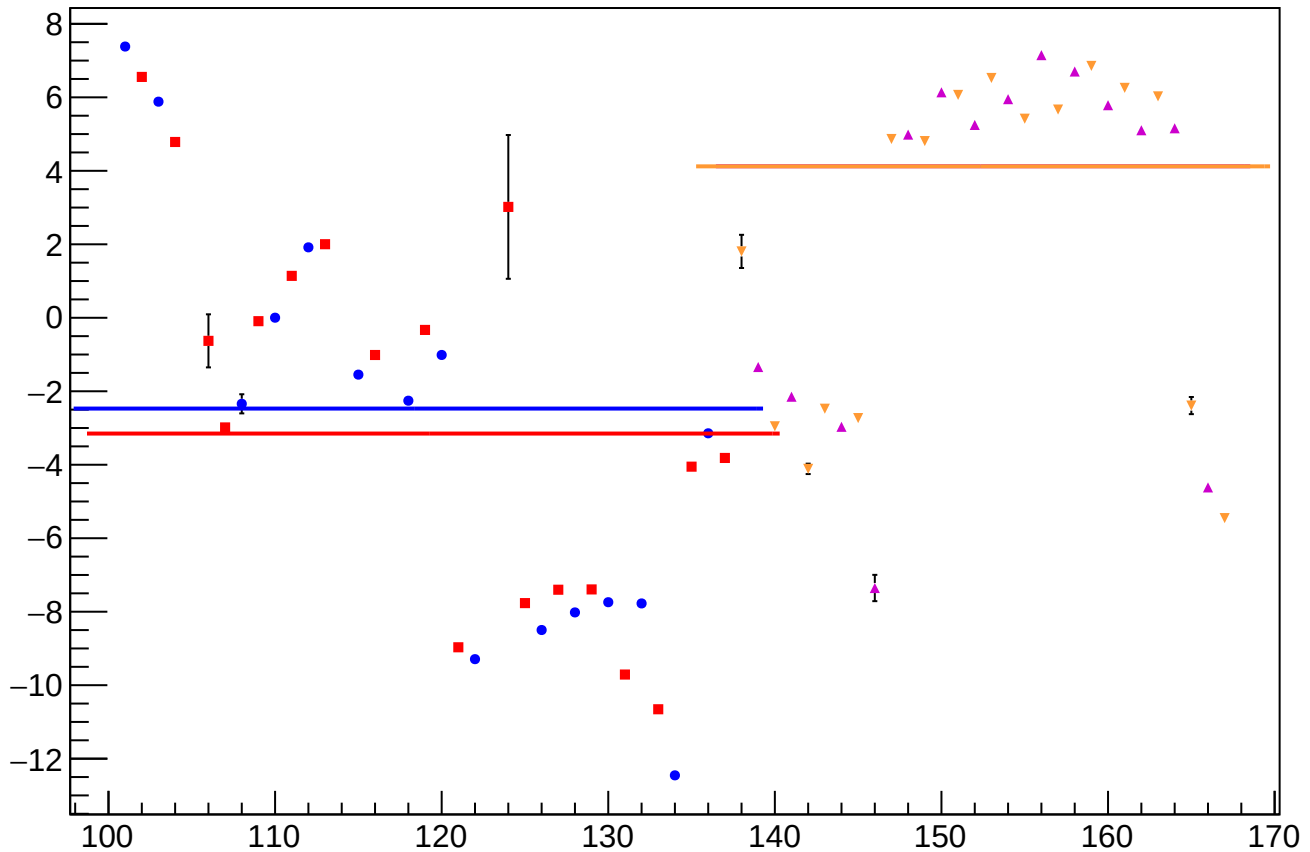
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.671 ± 0.011 $\chi^2/\text{NDF}: 11267.5/28$

Out: 4.706 ± 0.006 $\chi^2/\text{NDF}: 69535.9/33$

All: 4.479 ± 0.005 $\chi^2/\text{NDF}: 87577.2/62$

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: 4.124 ± 0.013 $\chi^2/\text{NDF}: 66986.6/13$

Left: 4.123 ± 0.009 $\chi^2/\text{NDF}: 135361.8/29$

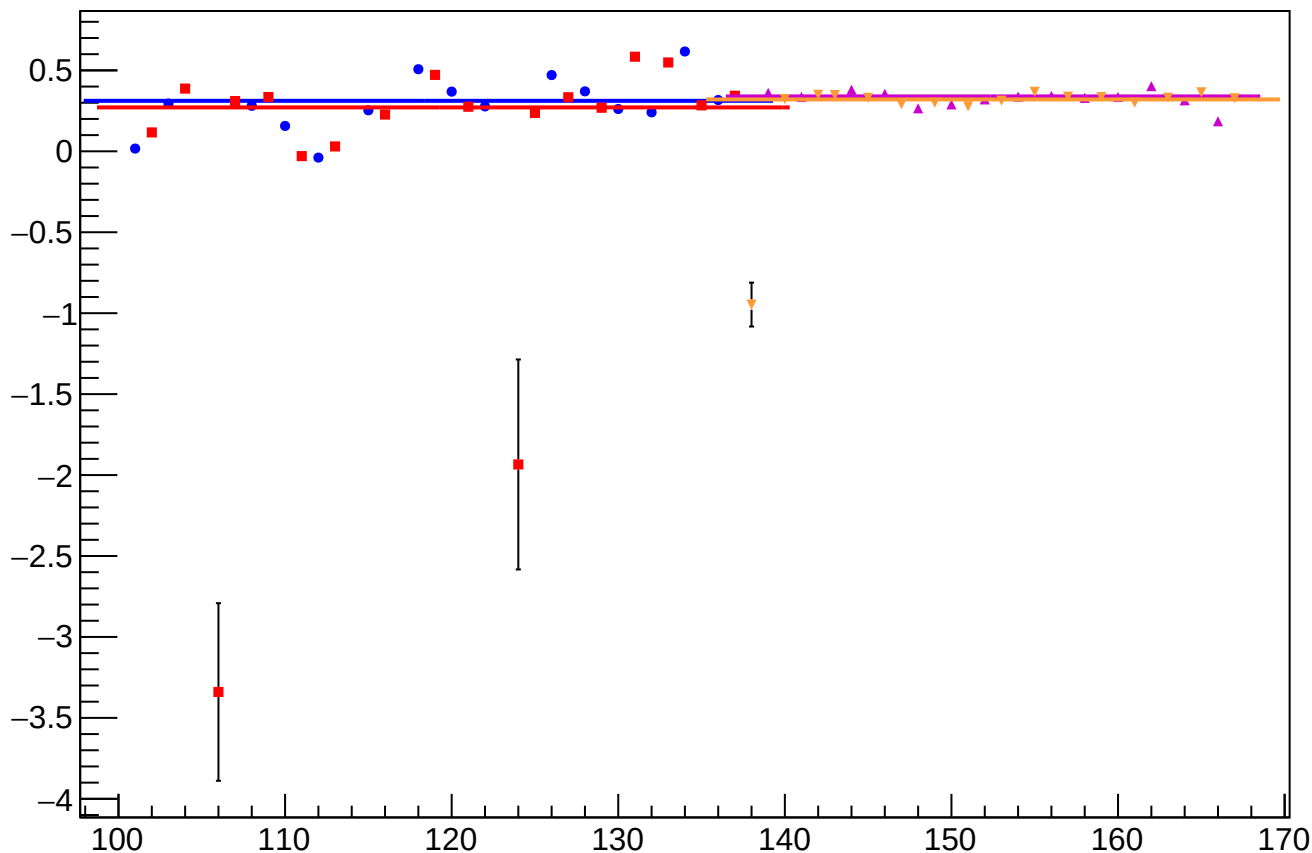
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 1.007 ± 0.010 $\chi^2/\text{NDF}: 424868.8/28$

Out: -1.383 ± 0.006 $\chi^2/\text{NDF}: 548497.0/33$

All: -0.647 ± 0.005 $\chi^2/\text{NDF}: 1015425.1/62$

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: 0.339 ± 0.001 $\chi^2/\text{NDF}: 2878.3/13$

Left: 0.330 ± 0.000 $\chi^2/\text{NDF}: 4736.1/29$

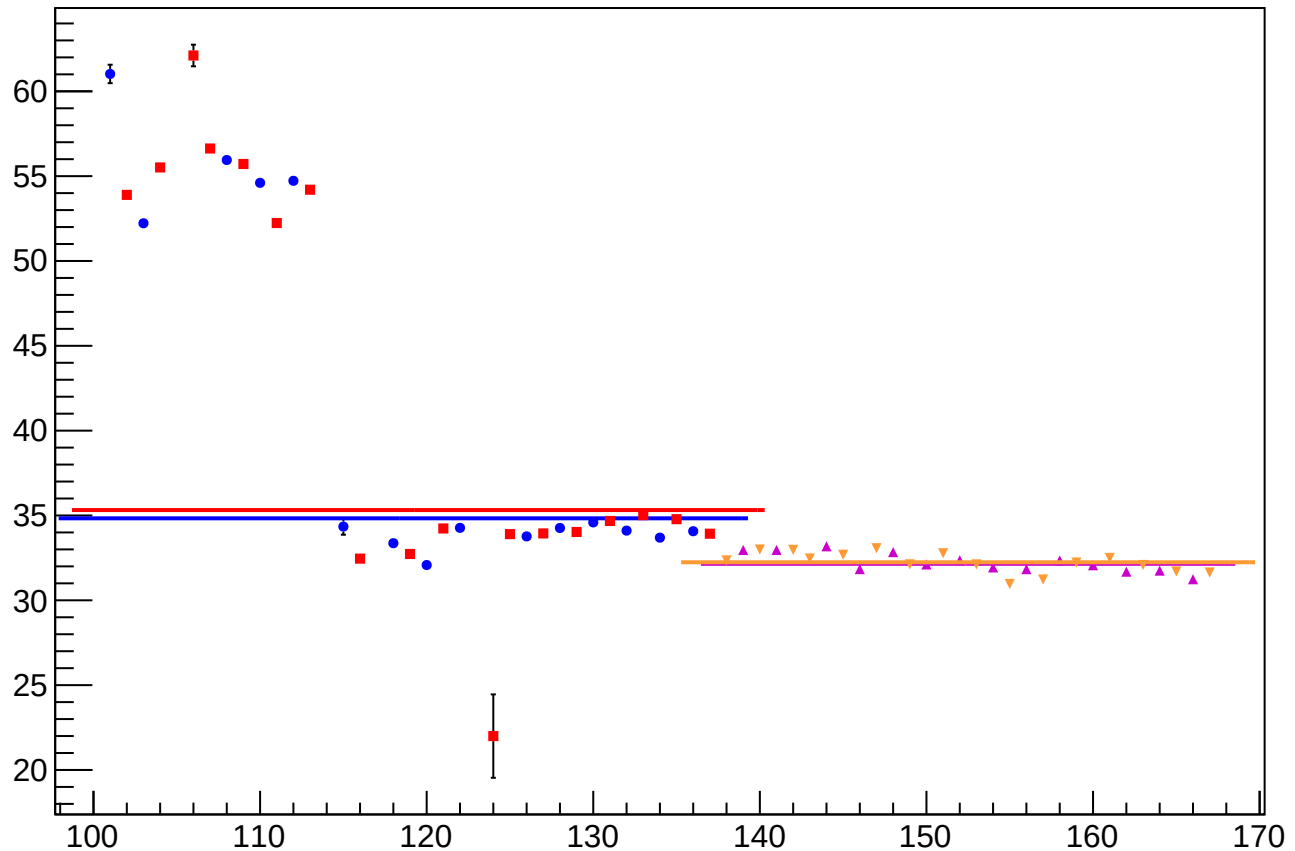
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4550.4/28$

Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 8105.8/33$

All: 0.325 ± 0.000 $\chi^2/\text{NDF}: 13049.2/62$

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: 32.151 $\pm$ 0.004 χ^2 /NDF: 7354.1/13

Left: 32.196 $\pm$ 0.003 χ^2 /NDF: 13173.2/29

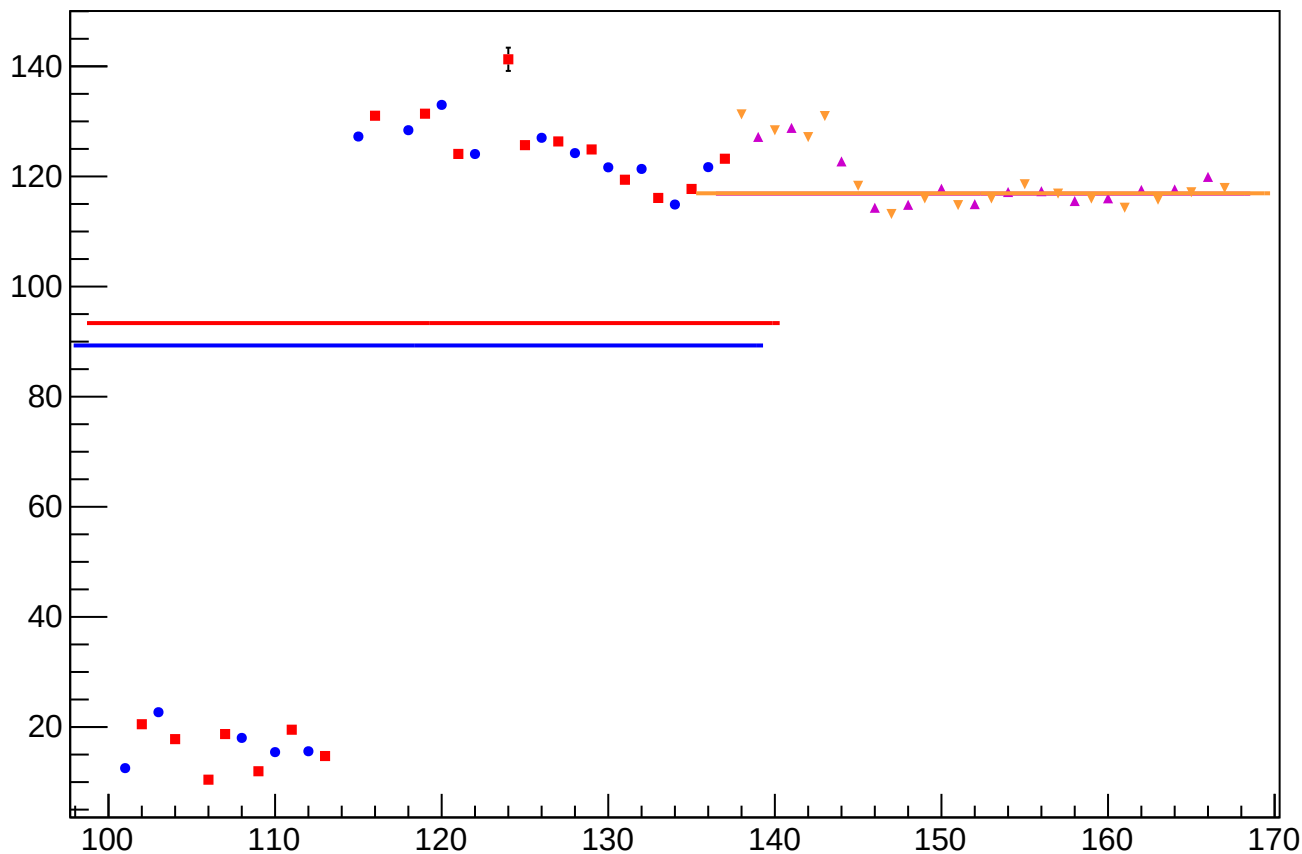
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.683 $\pm$ 0.004 χ^2 /NDF: 330417.8/28

Out: 32.732 $\pm$ 0.004 χ^2 /NDF: 347452.1/33

All: 32.707 $\pm$ 0.003 χ^2 /NDF: 677948.2/62

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: 116.875 ± 0.009 $\chi^2/\text{NDF}: 42677.5/13$

Left: 116.907 ± 0.007 $\chi^2/\text{NDF}: 163157.6/29$

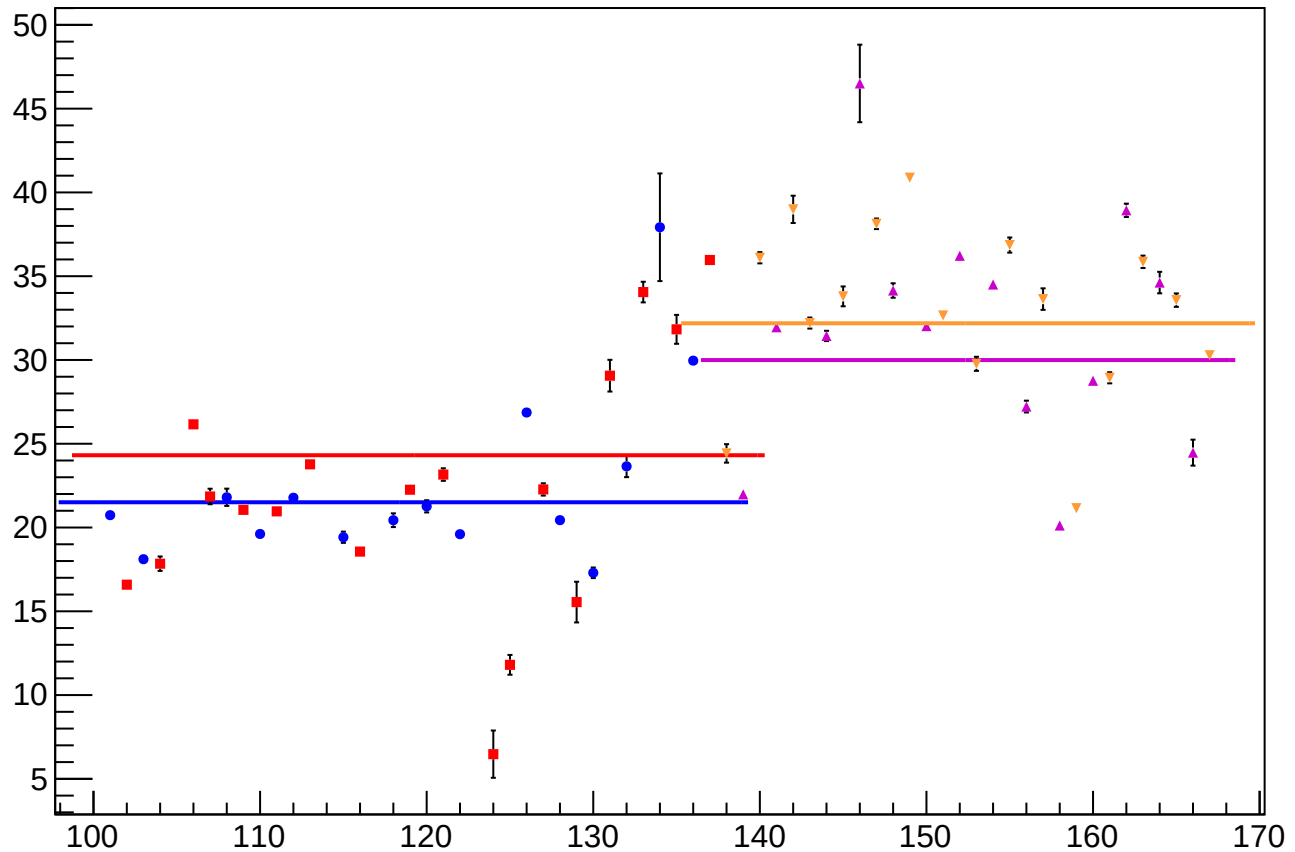
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 113.932 ± 0.009 $\chi^2/\text{NDF}: 3979222.4/28$

Out: 114.709 ± 0.009 $\chi^2/\text{NDF}: 3534121.9/33$

All: 114.310 ± 0.006 $\chi^2/\text{NDF}: 7517000.6/62$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 32.190 $\pm$ 0.085 χ^2 /NDF:3855.6/15

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 29.994 $\pm$ 0.079 χ^2 /NDF:4686.0/13

Left: 31.001 $\pm$ 0.058 χ^2 /NDF: 8899.1/29

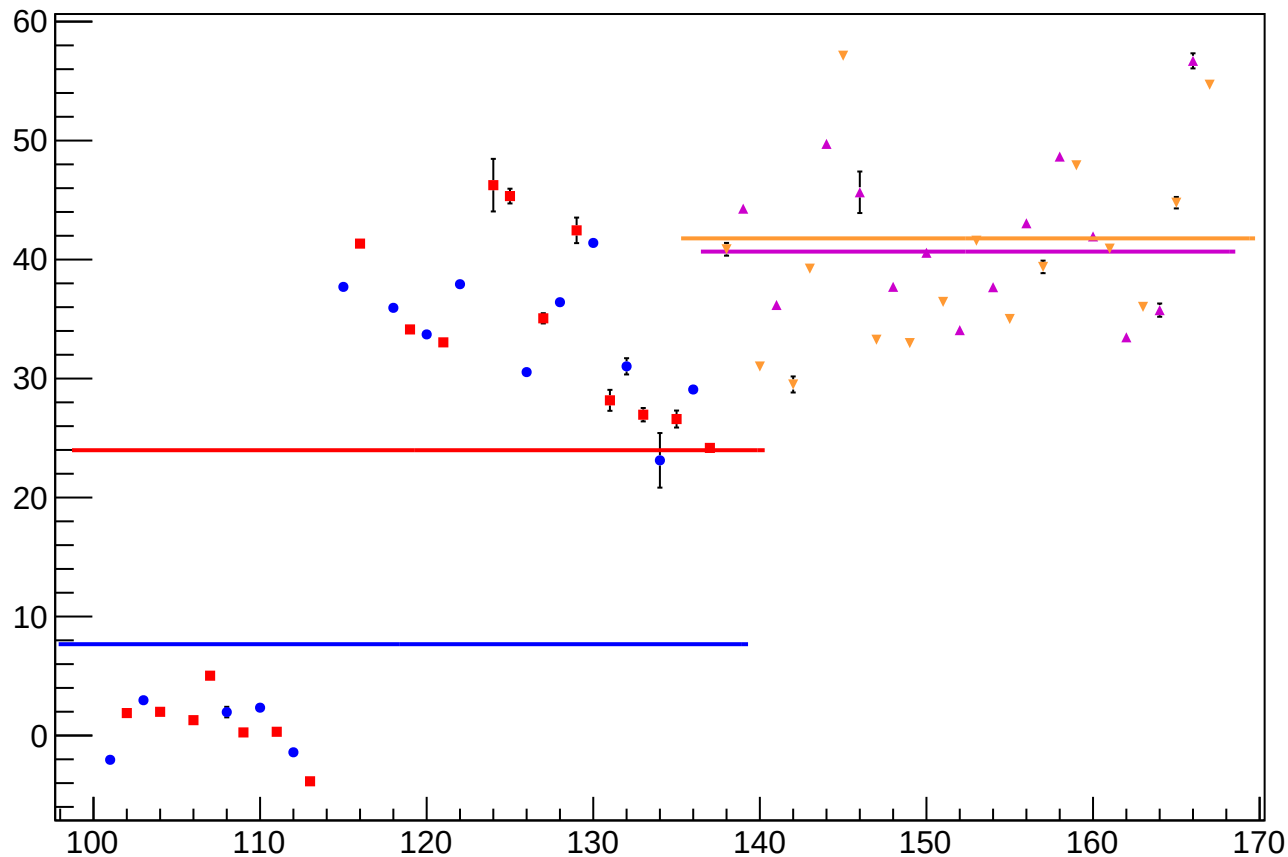
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 25.395 $\pm$ 0.053 χ^2 /NDF:13957.4/28

Out: 26.824 $\pm$ 0.048 χ^2 /NDF:23933.2/33

All: 26.179 $\pm$ 0.036 χ^2 /NDF: 38285.9/62

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: 40.669 ± 0.065 $\chi^2/\text{NDF}: 4825.4/13$

Left: 41.177 ± 0.048 $\chi^2/\text{NDF}: 19096.0/29$

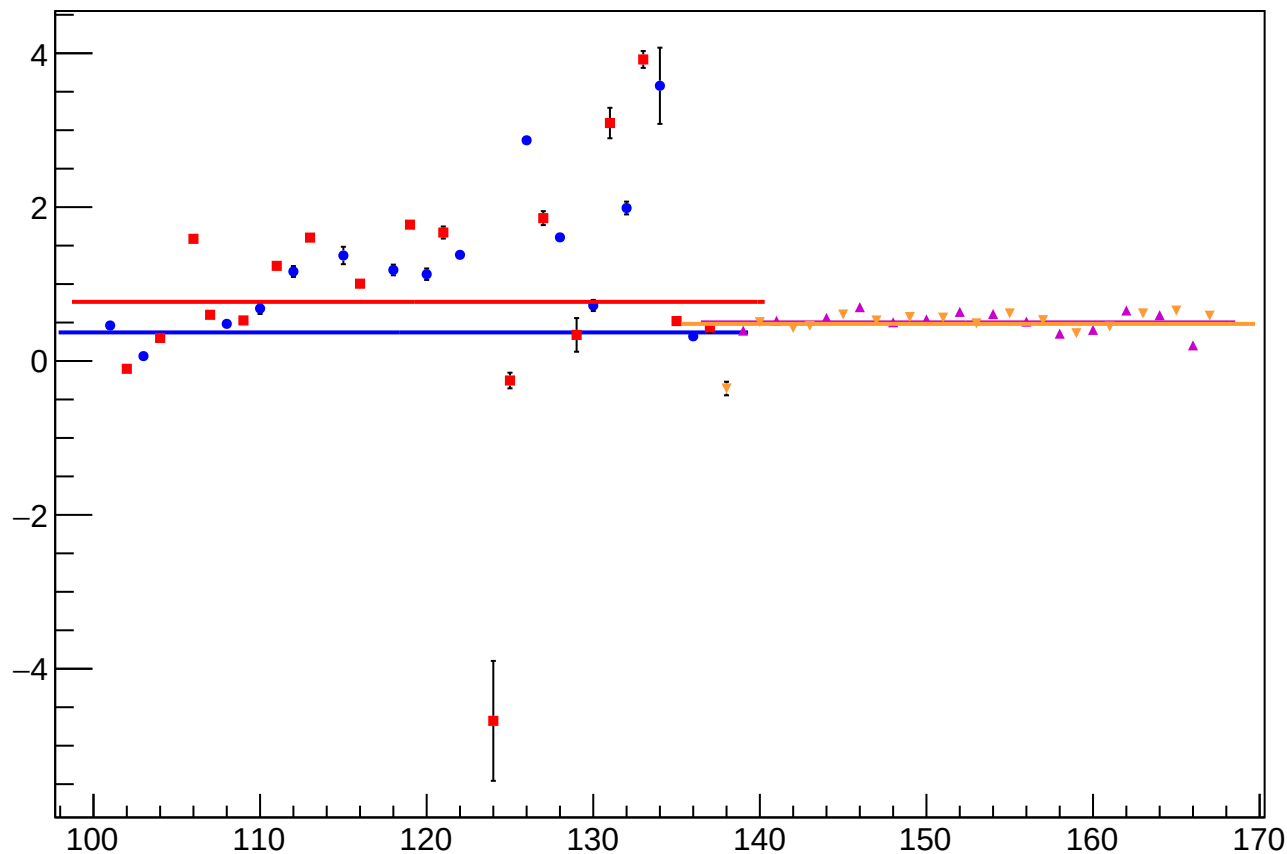
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 18.505 ± 0.037 $\chi^2/\text{NDF}: 275900.5/28$

Out: 24.213 ± 0.008 $\chi^2/\text{NDF}: 187530.3/33$

All: 23.952 ± 0.008 $\chi^2/\text{NDF}: 486048.1/62$

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: 0.502 $\pm$ 0.001 χ^2 /NDF:8650.4/13

Left: 0.492 $\pm$ 0.001 χ^2 /NDF: 15222.5/29

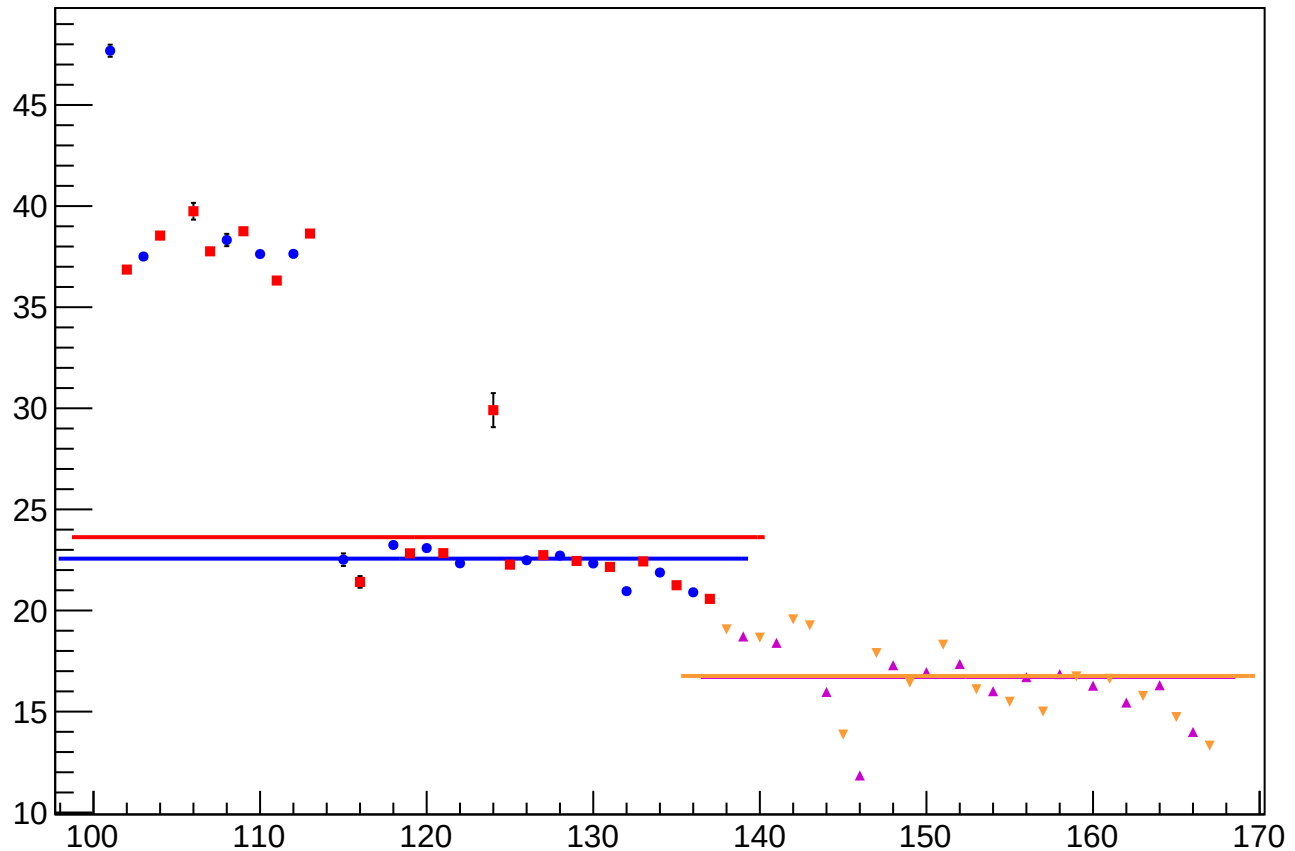
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.493 $\pm$ 0.001 χ^2 /NDF:14230.6/28

Out: 0.491 $\pm$ 0.001 χ^2 /NDF:12233.3/33

All: 0.492 $\pm$ 0.001 χ^2 /NDF: 26465.1/62

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 16.764+/-0.007 χ^2/NDF : 73382.0/15

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 16.712+/-0.008 χ^2/NDF : 19254.4/13

Left: 16.741+/-0.005 χ^2/NDF : 92661.2/29

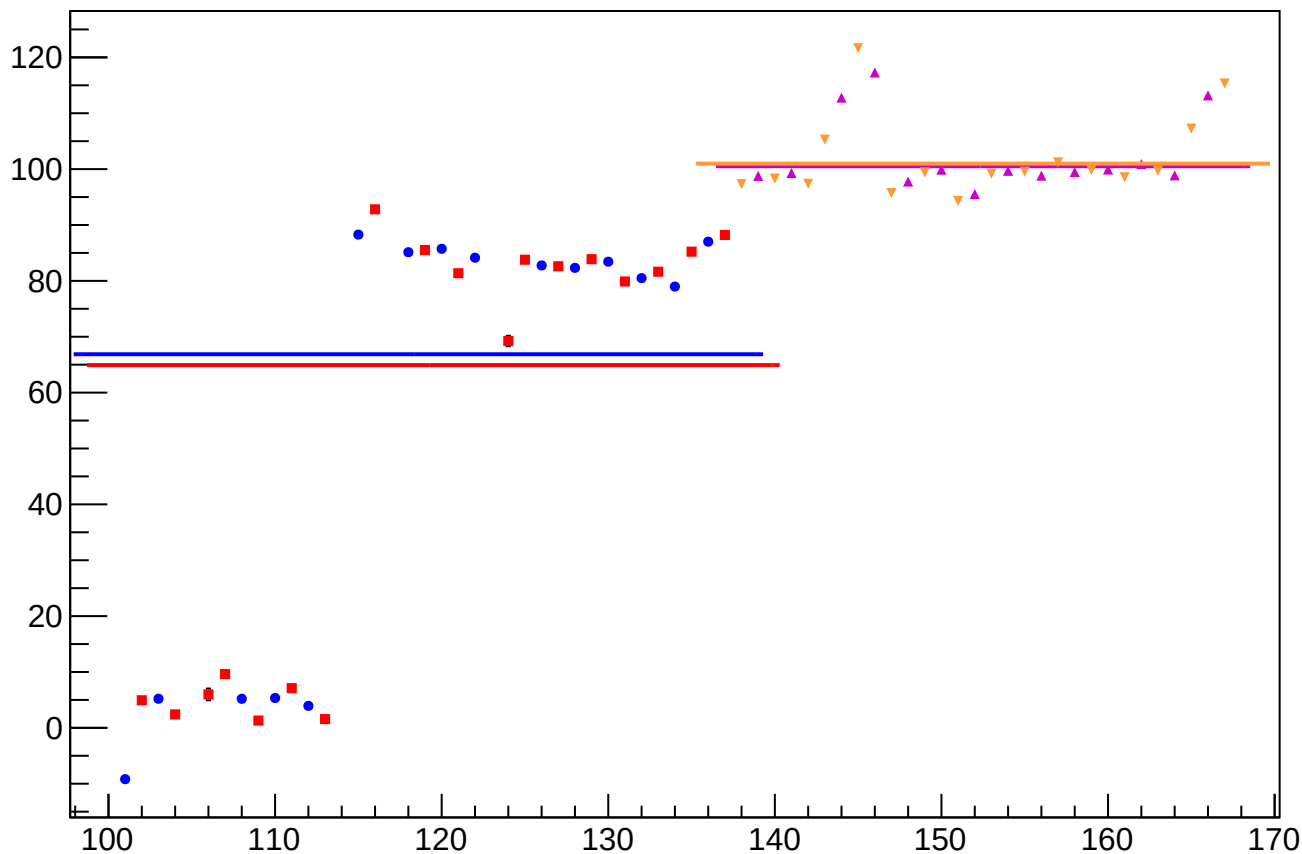
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 18.858+/-0.006 χ^2/NDF : 321714.8/28

Out: 18.613+/-0.006 χ^2/NDF : 469831.5/33

All: 18.729+/-0.004 χ^2/NDF : 792379.7/62

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 $\chi^2/\text{NDF}: 1494212.3/14$

Left Out: 100.984 ± 0.013 $\chi^2/\text{NDF}: 200646.8/15$

Right Out: 64.929 ± 0.030 $\chi^2/\text{NDF}: 1334580.7/17$

Left In: 100.520 ± 0.013 $\chi^2/\text{NDF}: 127633.4/13$

Left: 100.749 ± 0.009 $\chi^2/\text{NDF}: 328941.6/29$

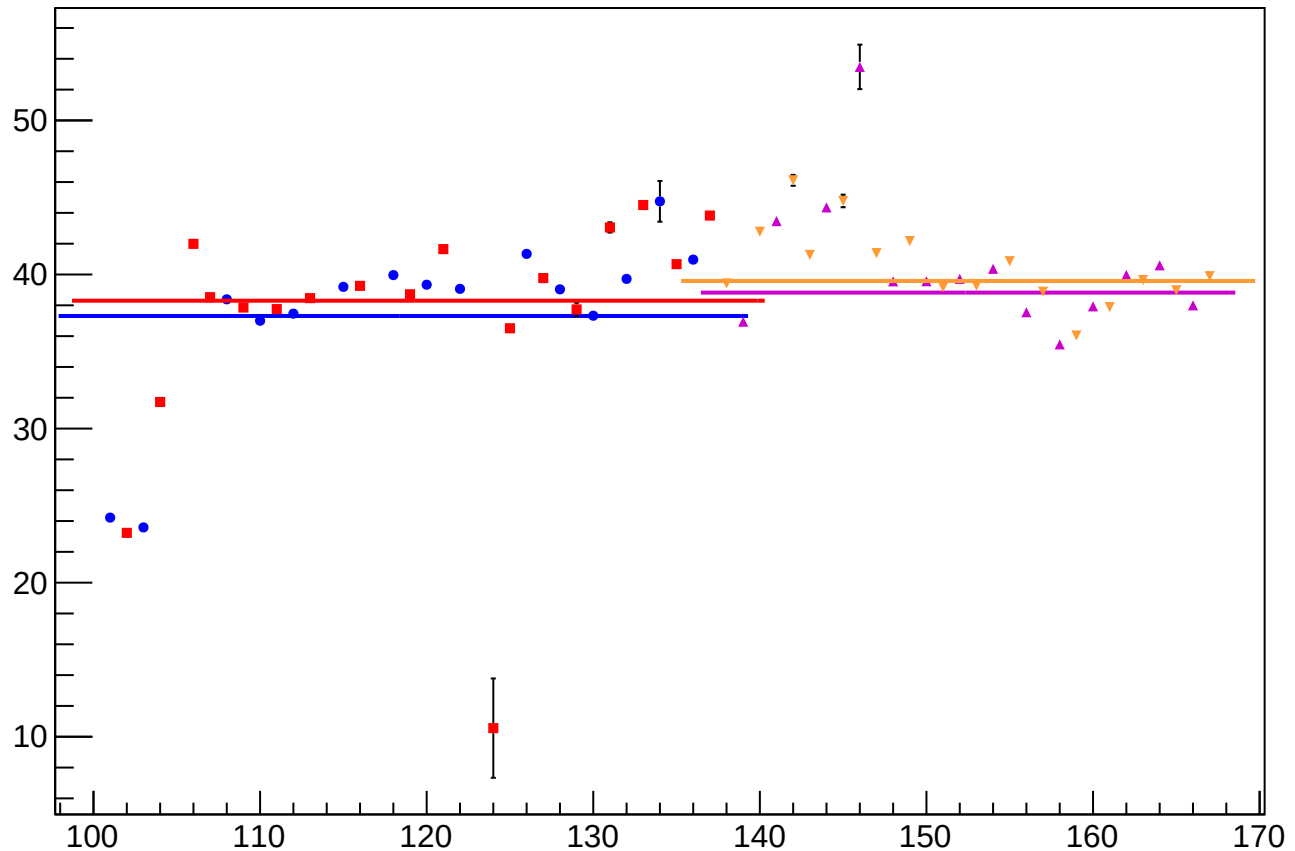
Right: 65.988 ± 0.020 $\chi^2/\text{NDF}: 2831116.5/32$

In: 94.469 ± 0.011 $\chi^2/\text{NDF}: 2890452.3/28$

Out: 95.306 ± 0.012 $\chi^2/\text{NDF}: 2774541.6/33$

All: 94.876 ± 0.008 $\chi^2/\text{NDF}: 5667576.6/62$

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: 38.825 ± 0.028 $\chi^2/\text{NDF}: 5426.2/13$

Left: 39.132 ± 0.022 $\chi^2/\text{NDF}: 9611.1/29$

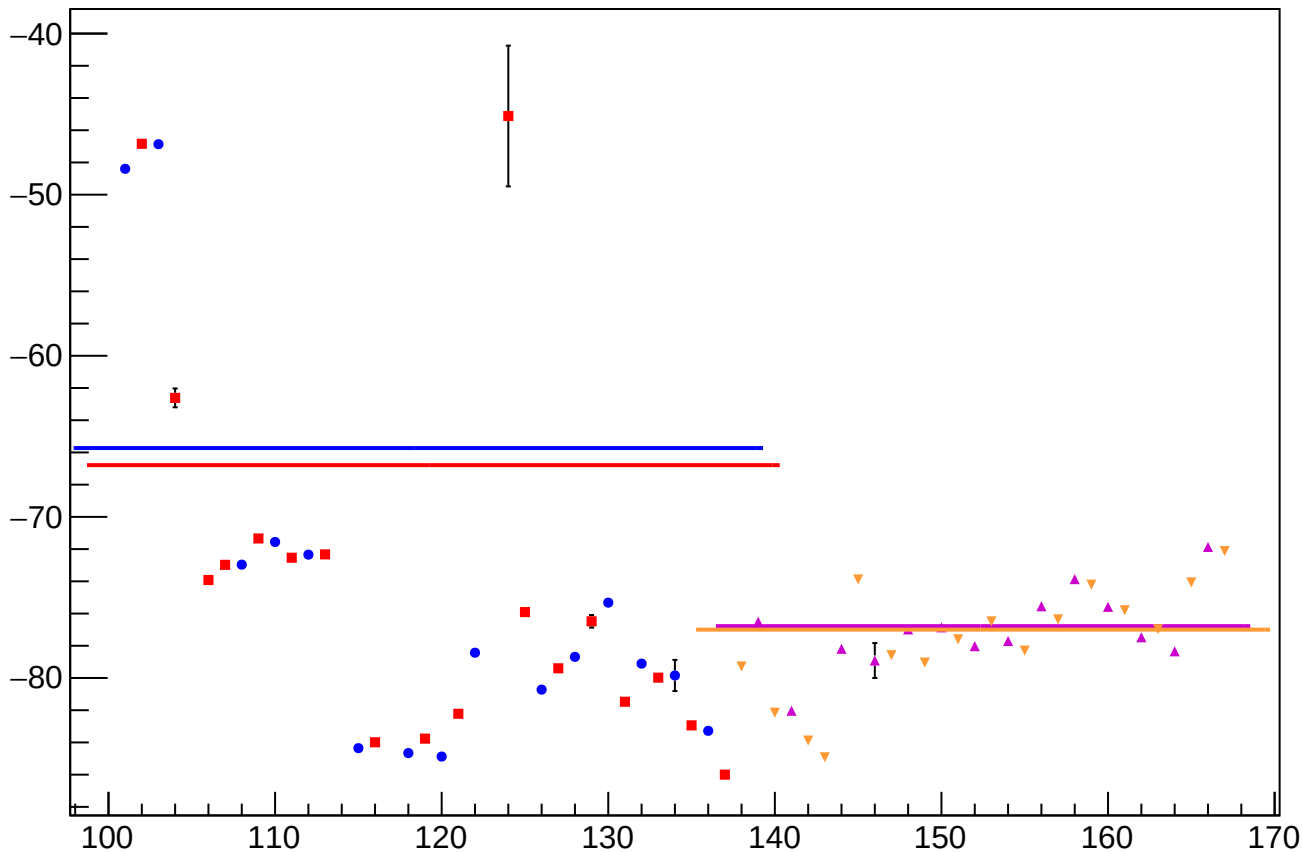
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.917 ± 0.018 $\chi^2/\text{NDF}: 66741.3/28$

Out: 38.640 ± 0.018 $\chi^2/\text{NDF}: 23769.2/33$

All: 38.284 ± 0.013 $\chi^2/\text{NDF}: 91343.4/62$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.999 $\pm$ 0.028 χ^2 /NDF:16553.3/15

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.783 $\pm$ 0.023 χ^2 /NDF:5253.4/13

Left: -76.868 $\pm$ 0.018 χ^2 /NDF: 21842.9/29

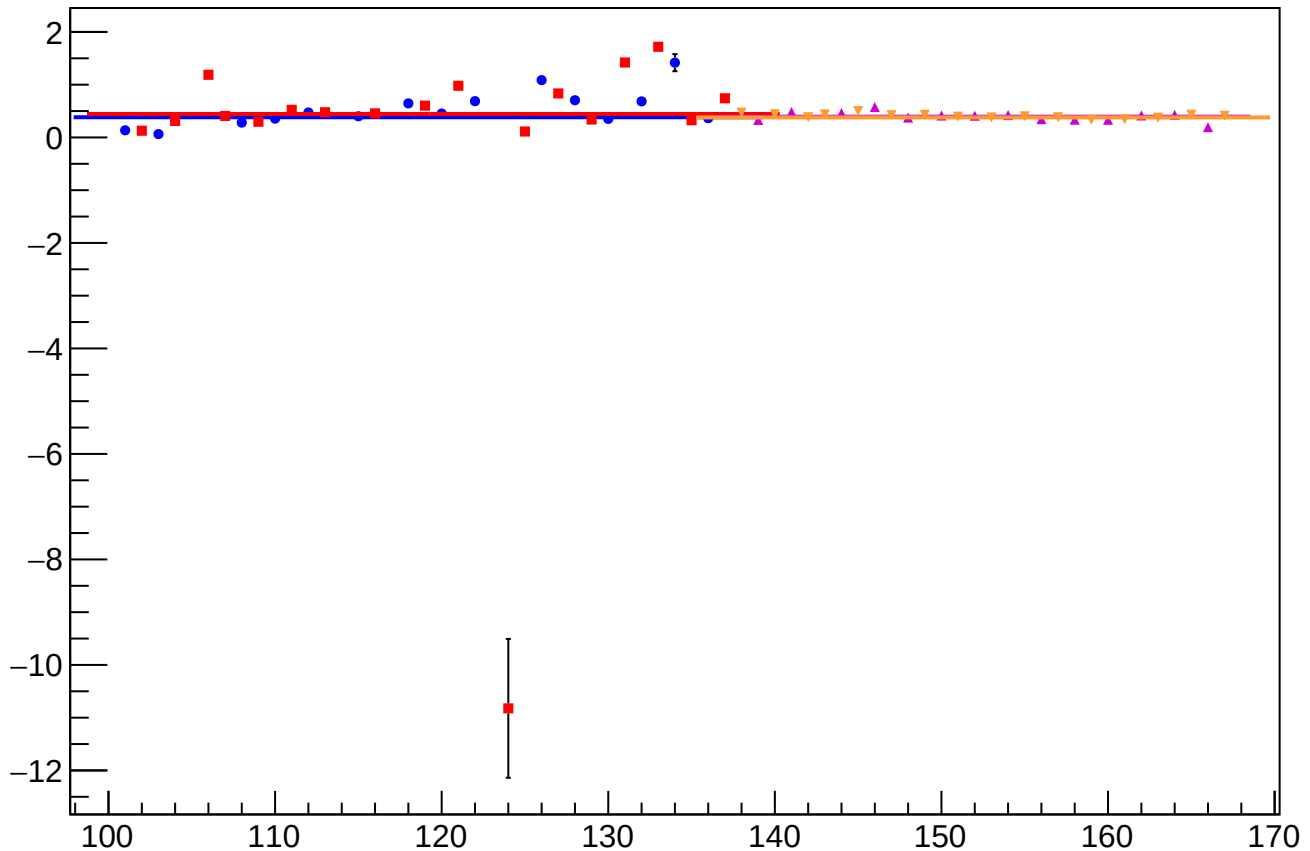
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.681 $\pm$ 0.014 χ^2 /NDF:1062227.6/28

Out: -69.252 $\pm$ 0.014 χ^2 /NDF:926607.1/33

All: -69.470 $\pm$ 0.010 χ^2 /NDF: 1989328.2/62

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: 6473.8/13

Left: 0.386 $\pm$ 0.000 χ^2 /NDF: 12638.1/29

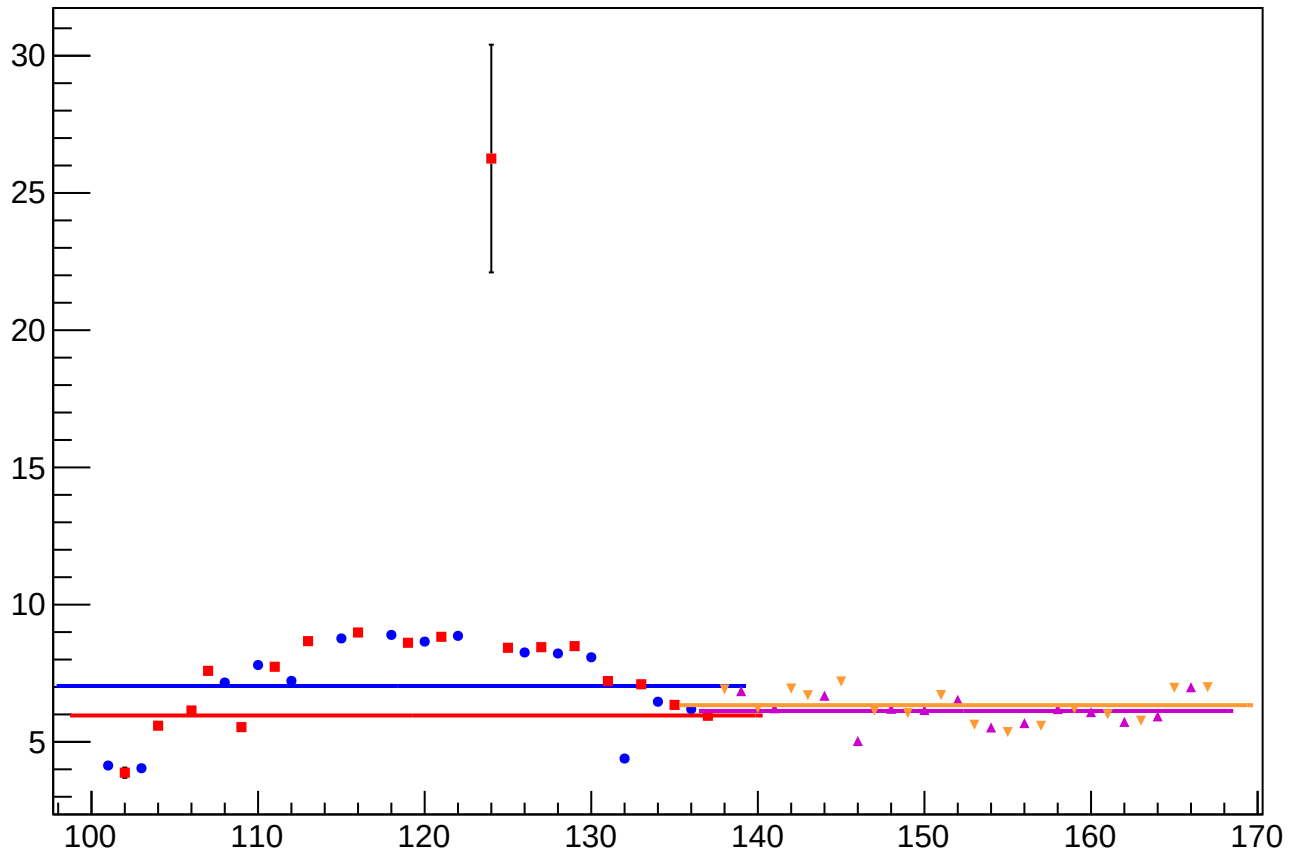
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF: 14675.0/28

Out: 0.380 $\pm$ 0.001 χ^2 /NDF: 8926.8/33

All: 0.386 $\pm$ 0.000 χ^2 /NDF: 23851.2/62

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: 6.125 ± 0.002 χ^2/NDF : 36965.1/13

Left: 6.225 ± 0.001 χ^2/NDF : 100755.3/29

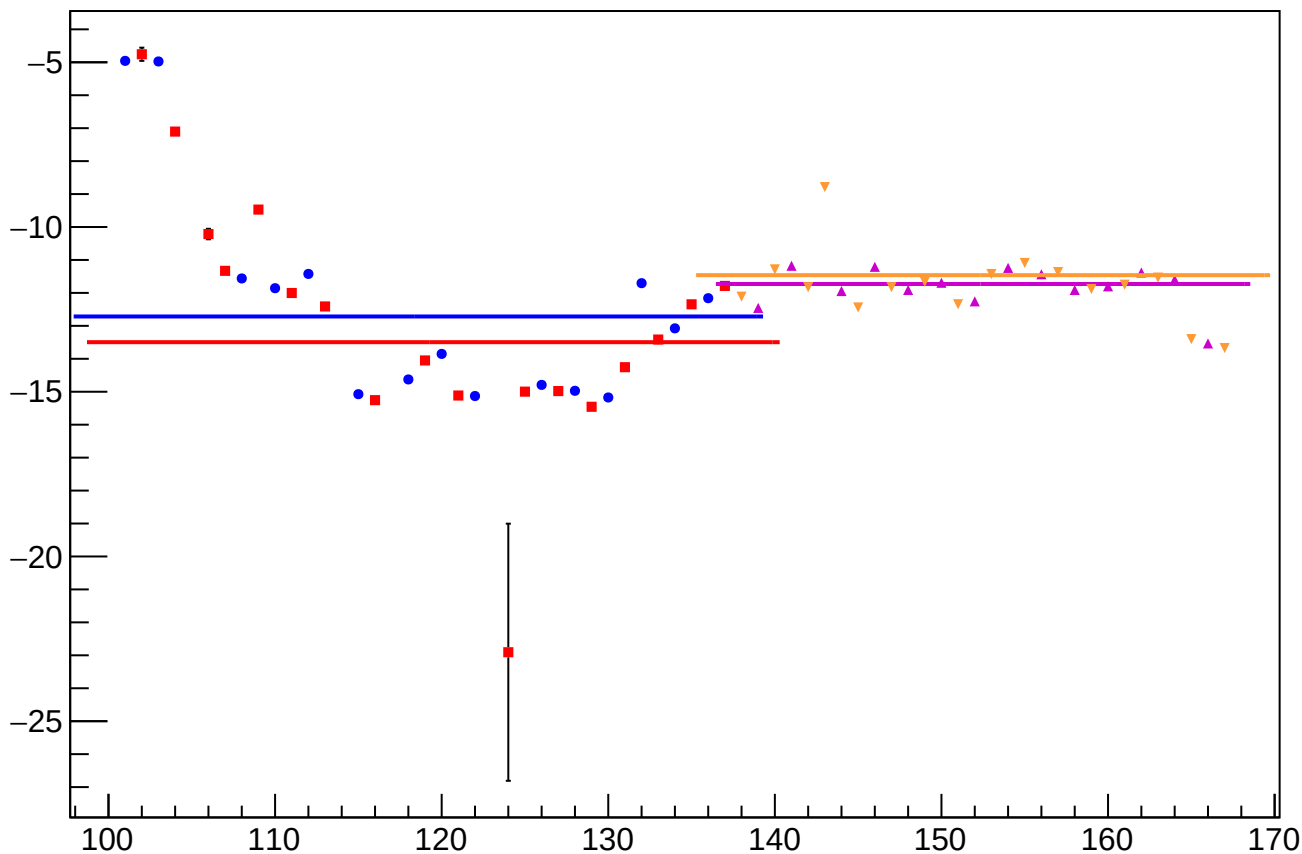
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.234 ± 0.002 χ^2/NDF : 142593.0/28

Out: 5.981 ± 0.000 χ^2/NDF : 267497.2/33

All: 5.996 ± 0.000 χ^2/NDF : 434731.3/62

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.461 $\pm$ 0.002 χ^2/NDF : 271587.7/15

Right Out: -13.496 $\pm$ 0.006 χ^2/NDF : 55753.8/17

Left In: -11.730 $\pm$ 0.002 χ^2/NDF : 20591.2/13

Left: -11.599 $\pm$ 0.002 χ^2/NDF : 298529.7/29

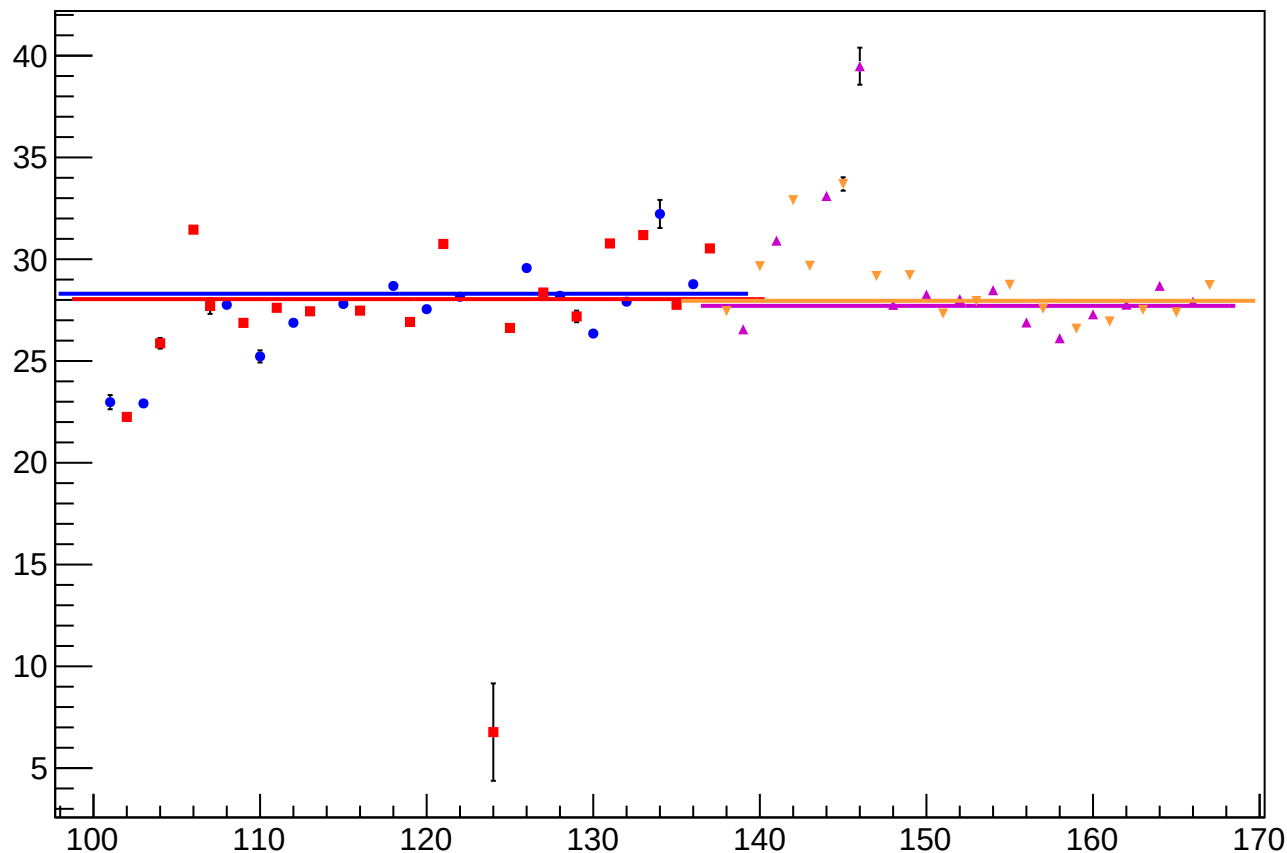
Right: -13.142 $\pm$ 0.004 χ^2/NDF : 149153.5/32

In: -11.847 $\pm$ 0.002 χ^2/NDF : 126859.0/28

Out: -11.761 $\pm$ 0.002 χ^2/NDF : 431874.0/33

All: -11.804 $\pm$ 0.002 χ^2/NDF : 559486.9/62

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: 27.709 ± 0.017 $\chi^2/\text{NDF}: 4636.4/13$

Left: 27.810 ± 0.013 $\chi^2/\text{NDF}: 8395.3/29$

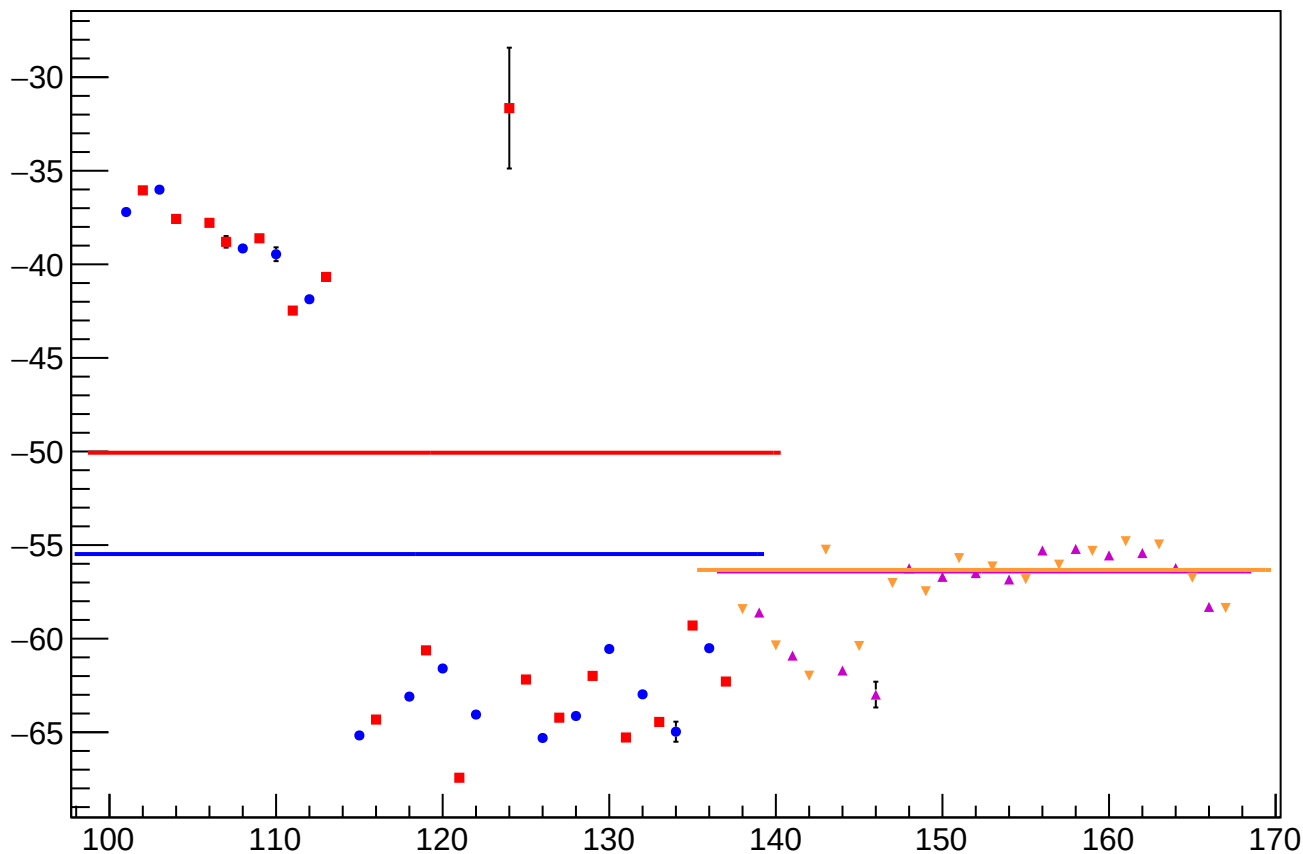
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 27.915 ± 0.014 $\chi^2/\text{NDF}: 8470.4/28$

Out: 27.983 ± 0.017 $\chi^2/\text{NDF}: 6236.5/33$

All: 27.942 ± 0.011 $\chi^2/\text{NDF}: 14716.7/62$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.329 $\pm$ 0.017 χ^2 /NDF: 7951.3/15

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -56.413 $\pm$ 0.014 χ^2 /NDF: 8176.9/13

Left: -56.378 $\pm$ 0.011 χ^2 /NDF: 16142.2/29

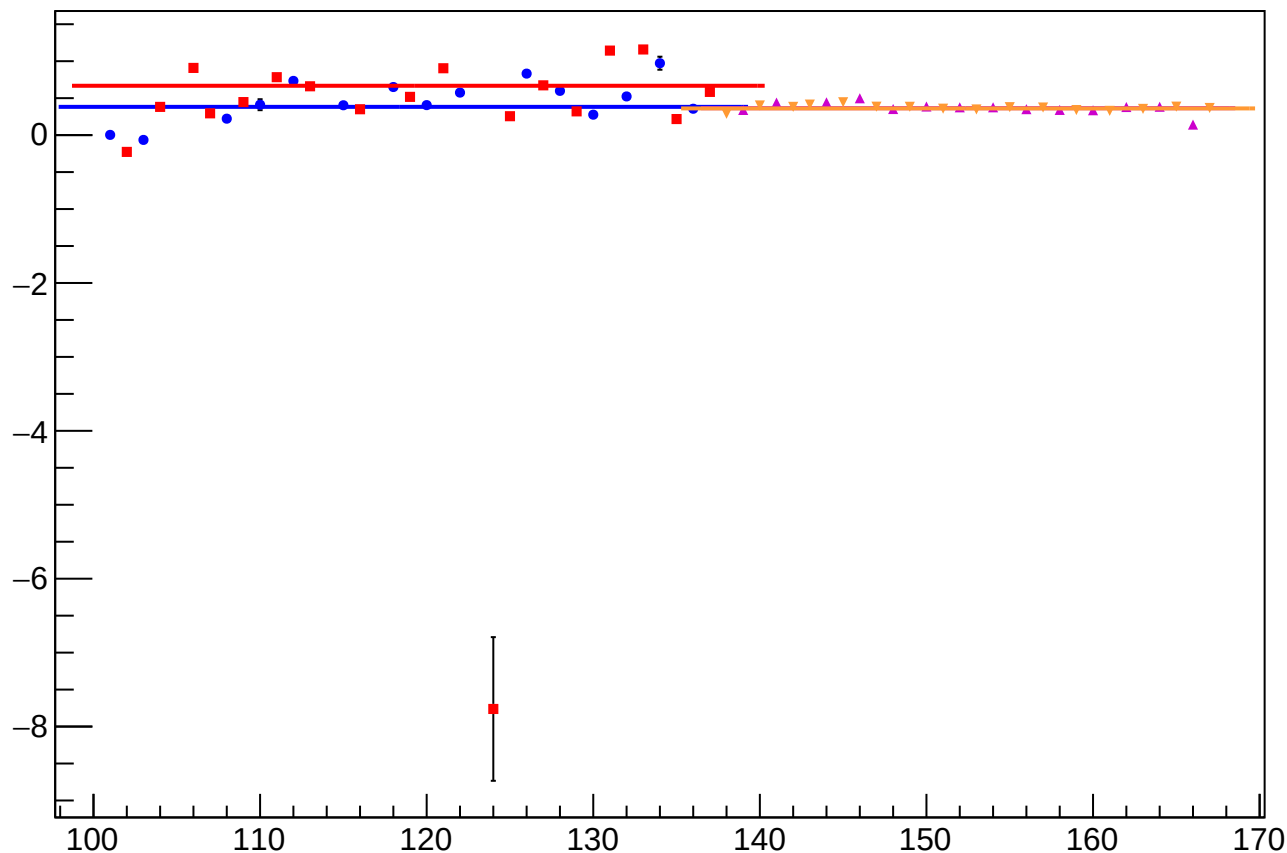
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.017 $\pm$ 0.011 χ^2 /NDF: 605144.4/28

Out: -54.119 $\pm$ 0.014 χ^2 /NDF: 395536.6/33

All: -55.294 $\pm$ 0.008 χ^2 /NDF: 1012494.9/62

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.361 $\pm$ 0.000 χ^2 /NDF:3913.7/15

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.364 $\pm$ 0.000 χ^2 /NDF:5078.4/13

Left: 0.363 $\pm$ 0.000 χ^2 /NDF: 9025.0/29

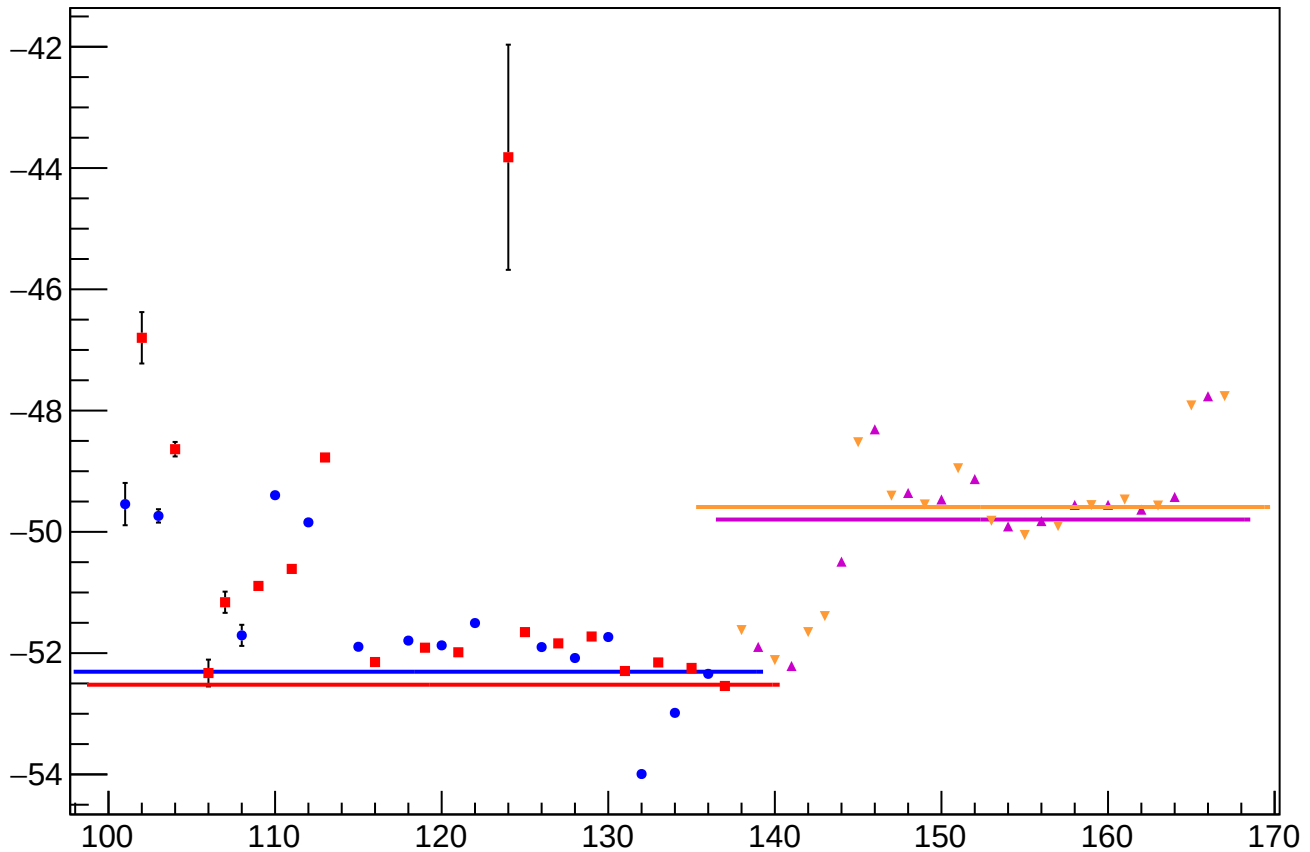
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.365 $\pm$ 0.000 χ^2 /NDF:9794.5/28

Out: 0.363 $\pm$ 0.000 χ^2 /NDF:12012.7/33

All: 0.364 $\pm$ 0.000 χ^2 /NDF: 21818.4/62

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.590 $\pm$ 0.002 χ^2 /NDF: 335884.2/15

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.797 $\pm$ 0.002 χ^2 /NDF: 256130.5/13

Left: -49.694 $\pm$ 0.001 χ^2 /NDF: 600376.6/29

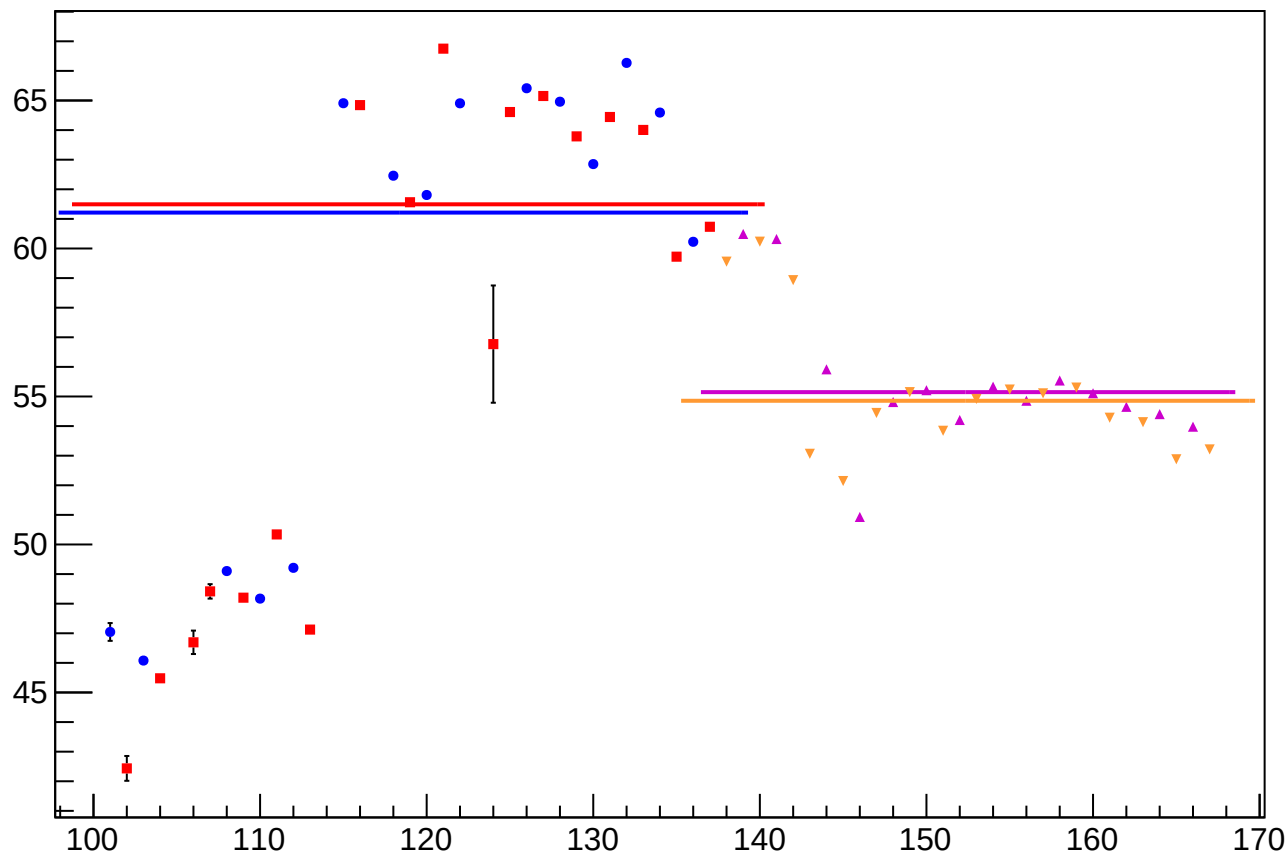
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.158 $\pm$ 0.001 χ^2 /NDF: 639590.2/28

Out: -51.579 $\pm$ 0.001 χ^2 /NDF: 2619035.6/33

All: -51.187 $\pm$ 0.001 χ^2 /NDF: 3932130.6/62

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: 55.147 $\pm$ 0.003 χ^2/NDF : 63209.1/13

Left: 55.015 $\pm$ 0.002 χ^2/NDF : 302101.0/29

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.668 $\pm$ 0.003 χ^2/NDF : 561140.3/28

Out: 56.182 $\pm$ 0.003 χ^2/NDF : 1259572.1/33

All: 55.917 $\pm$ 0.002 χ^2/NDF : 1835844.8/62

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

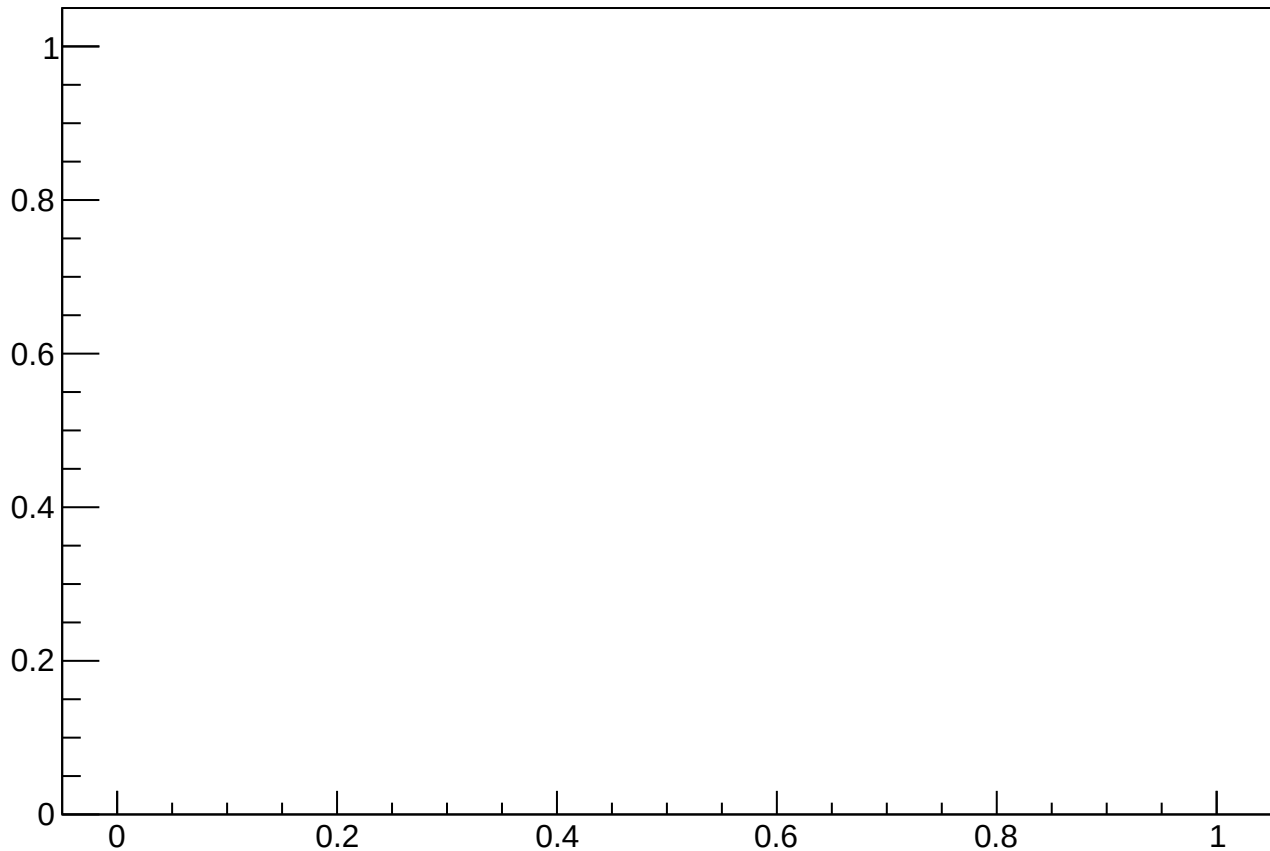
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

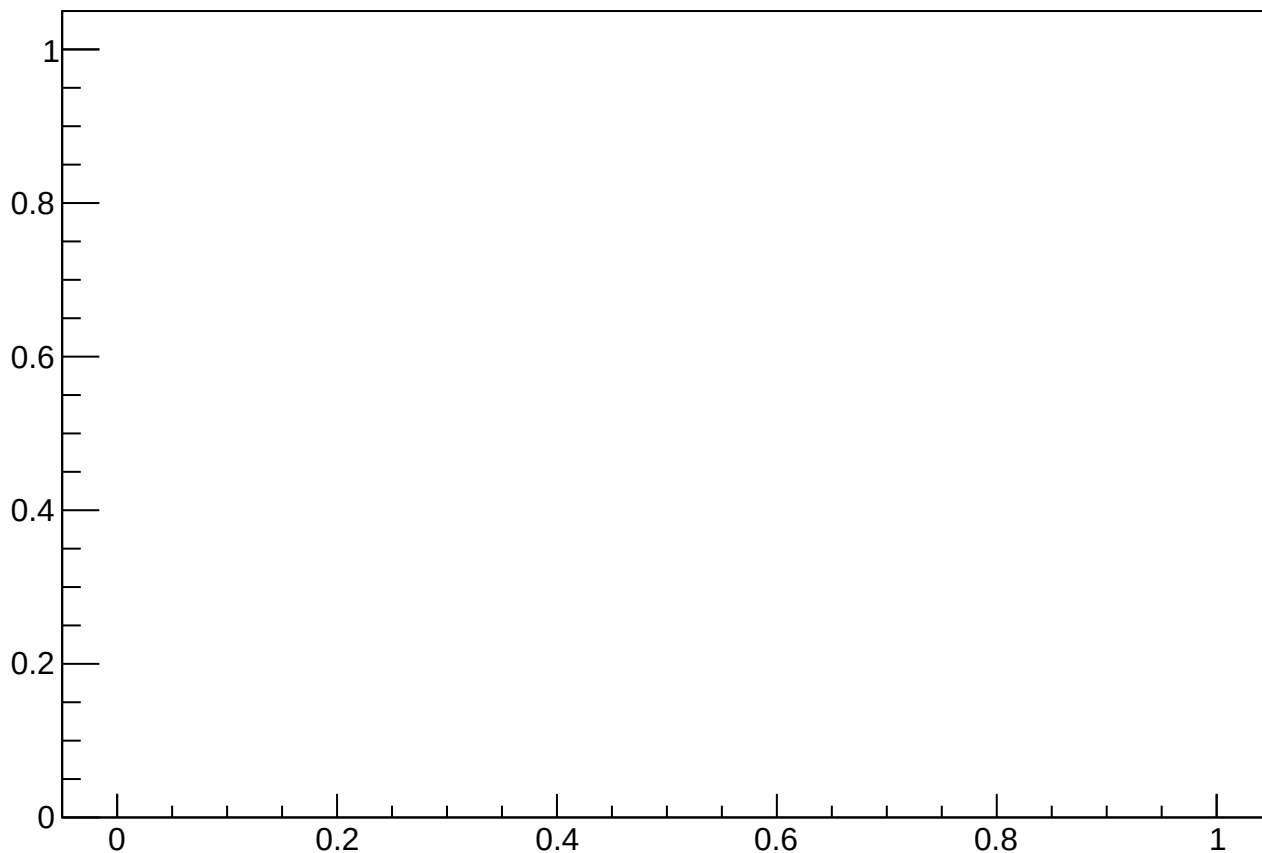
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

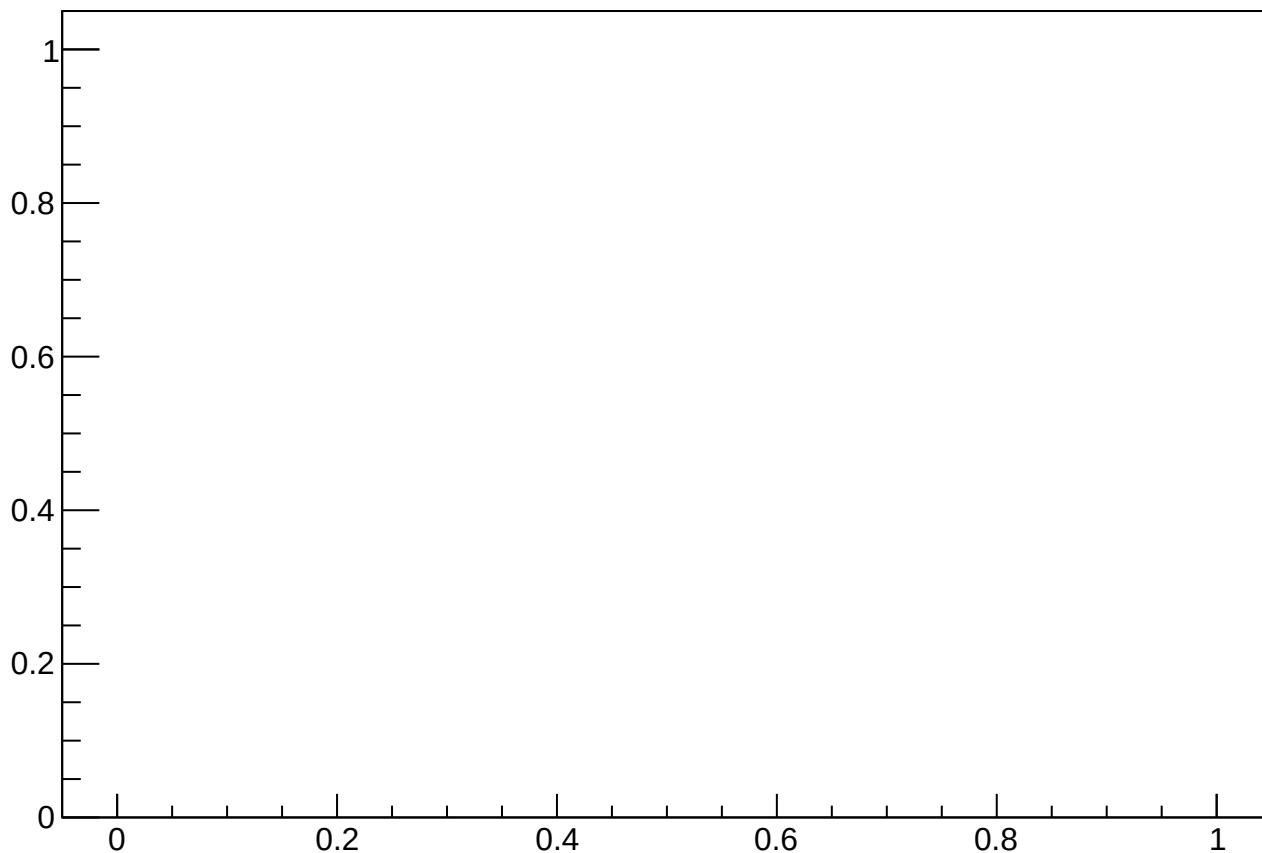
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

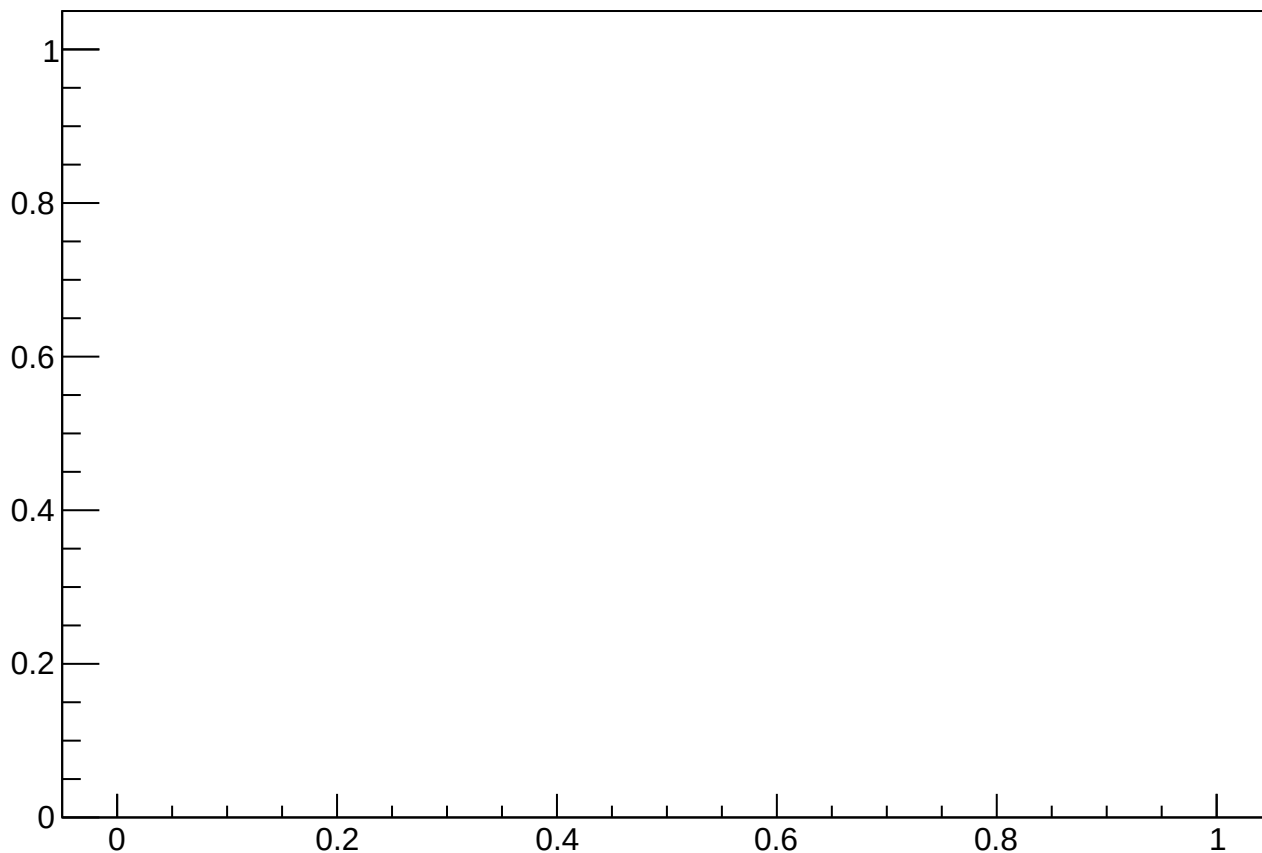
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

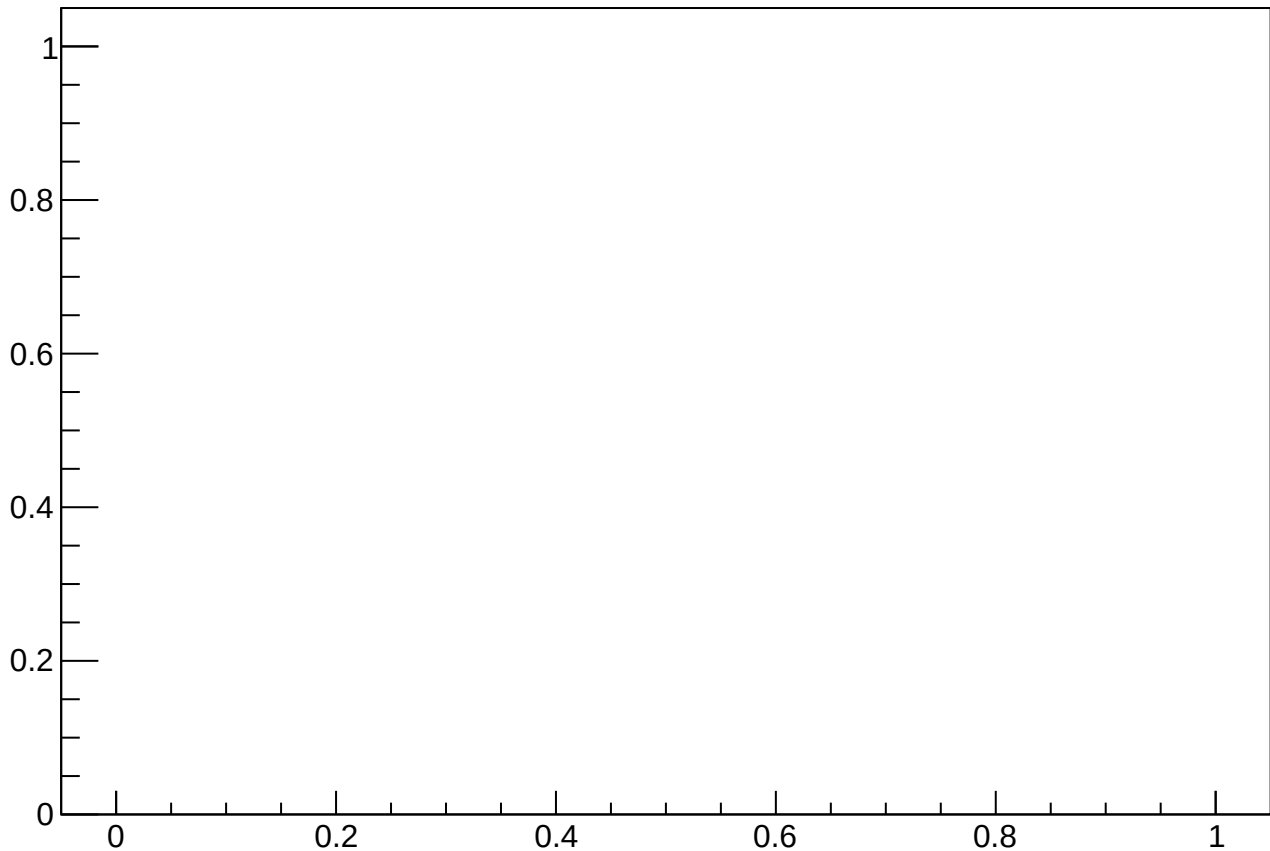
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

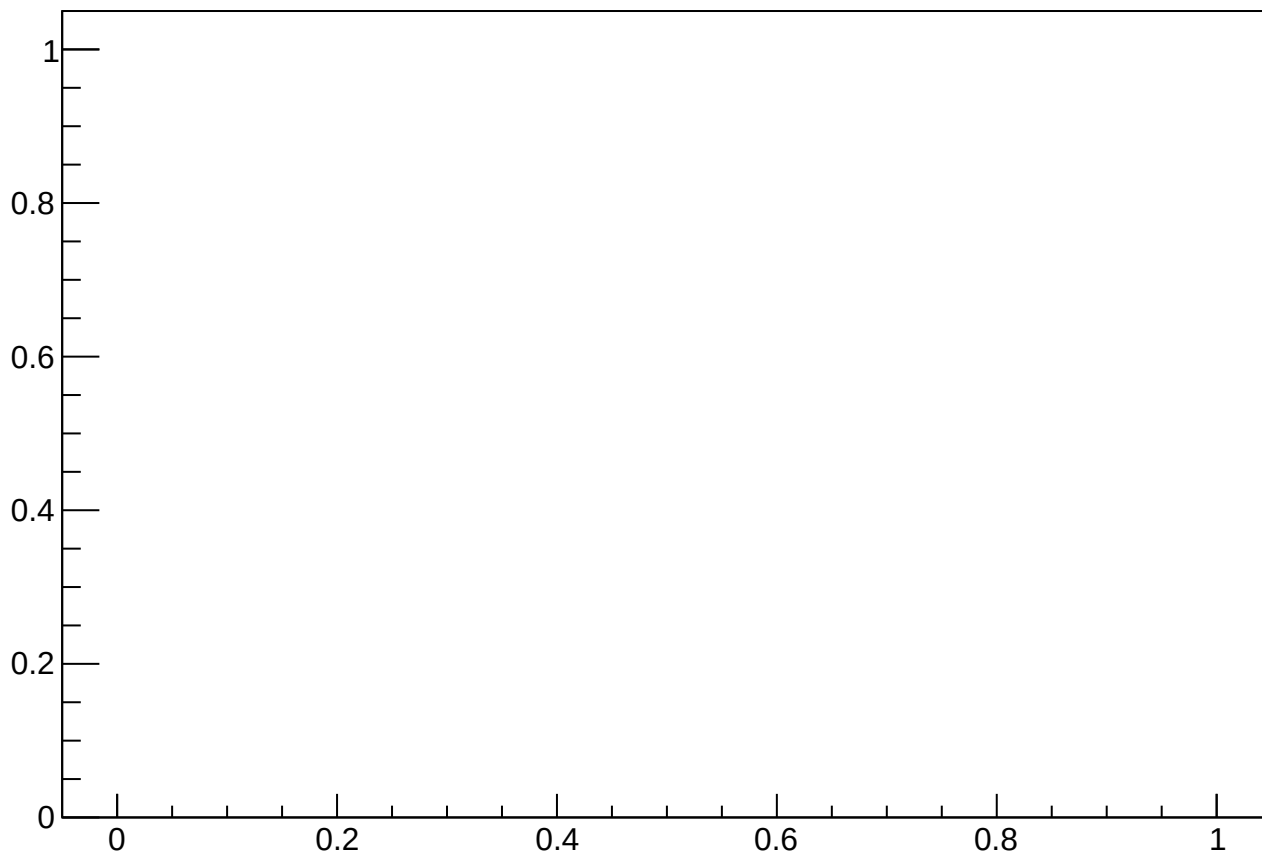
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

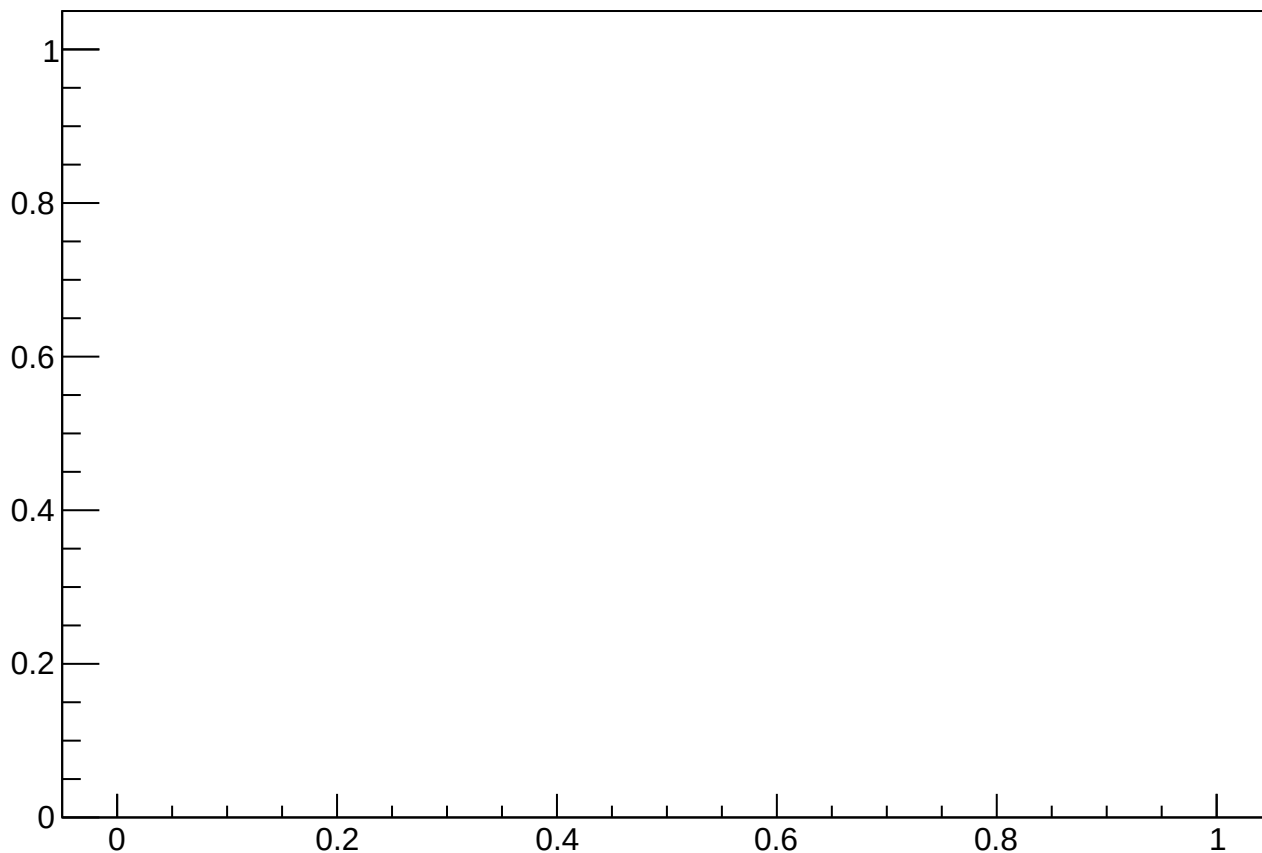
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

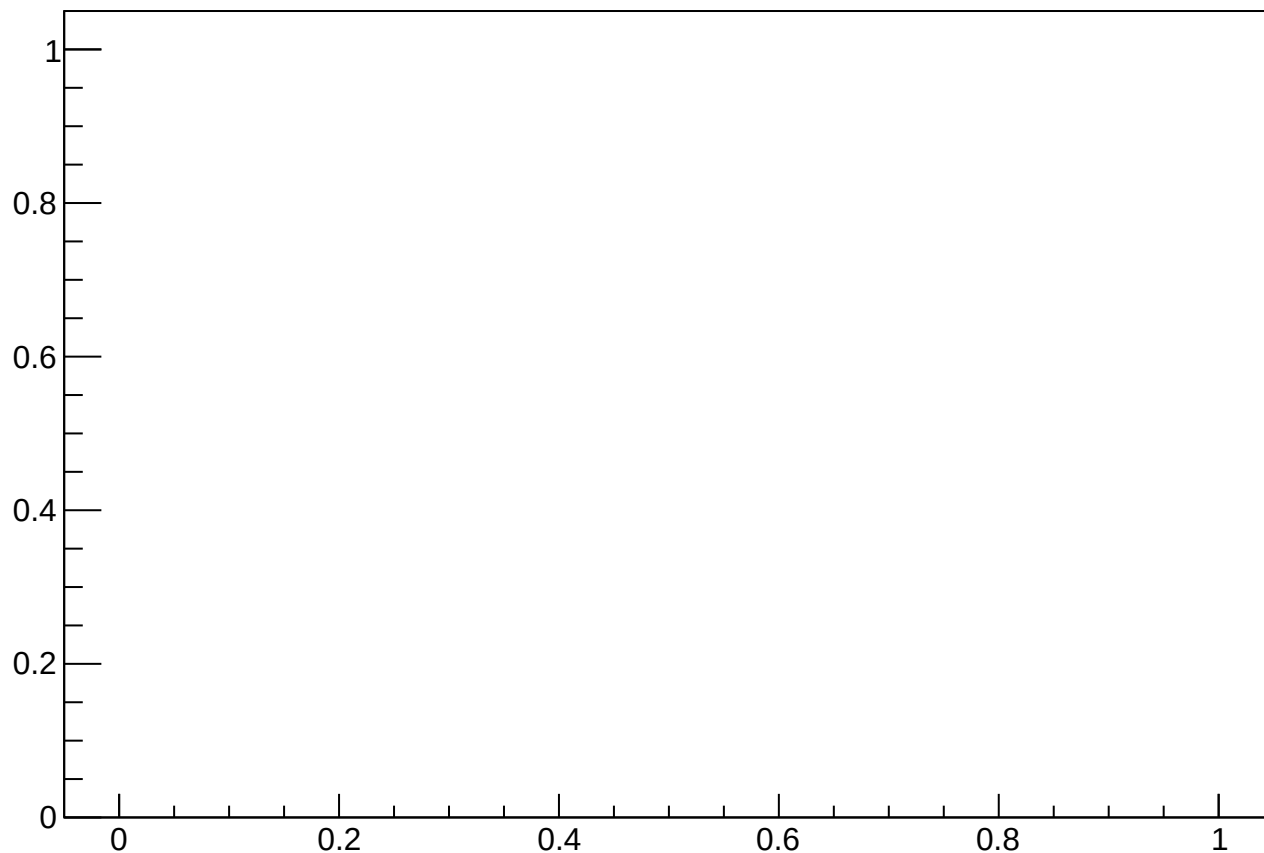
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

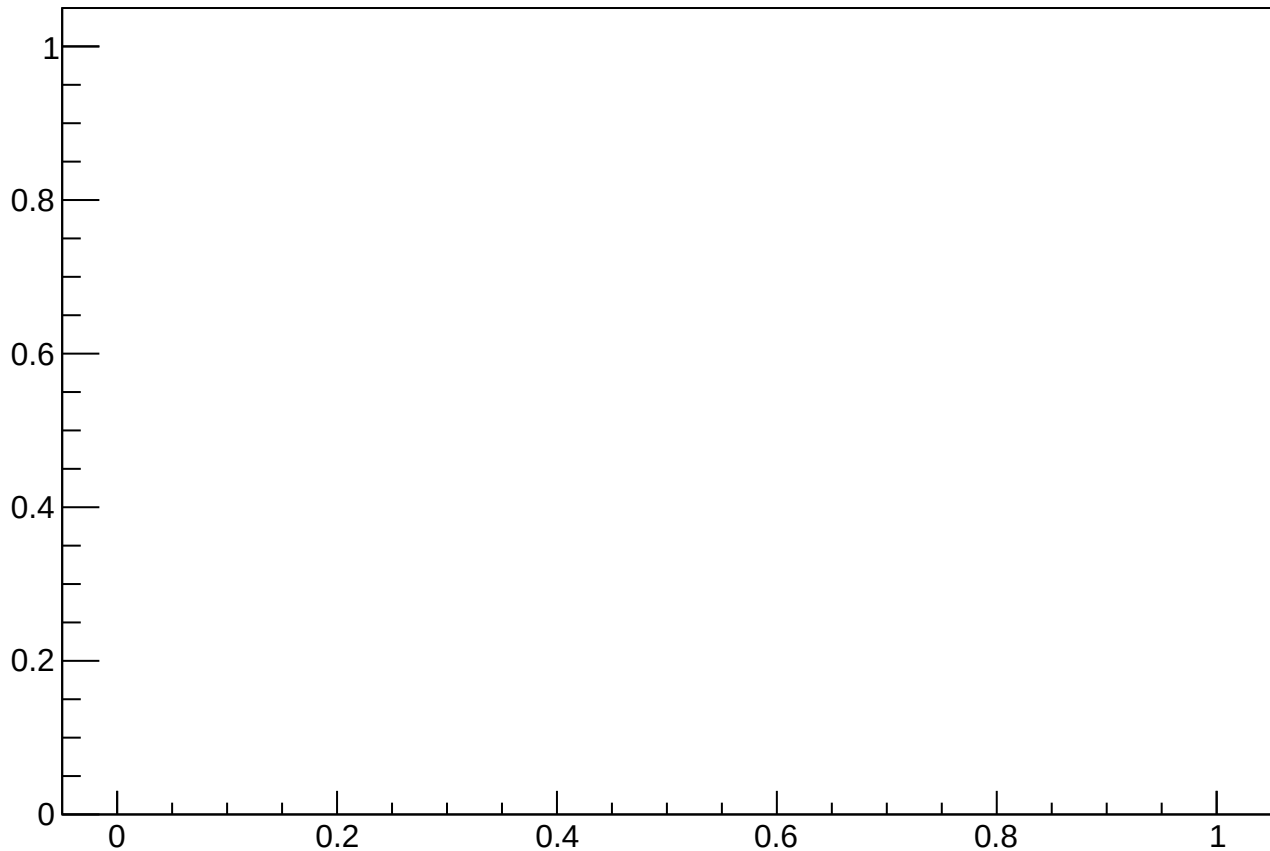
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

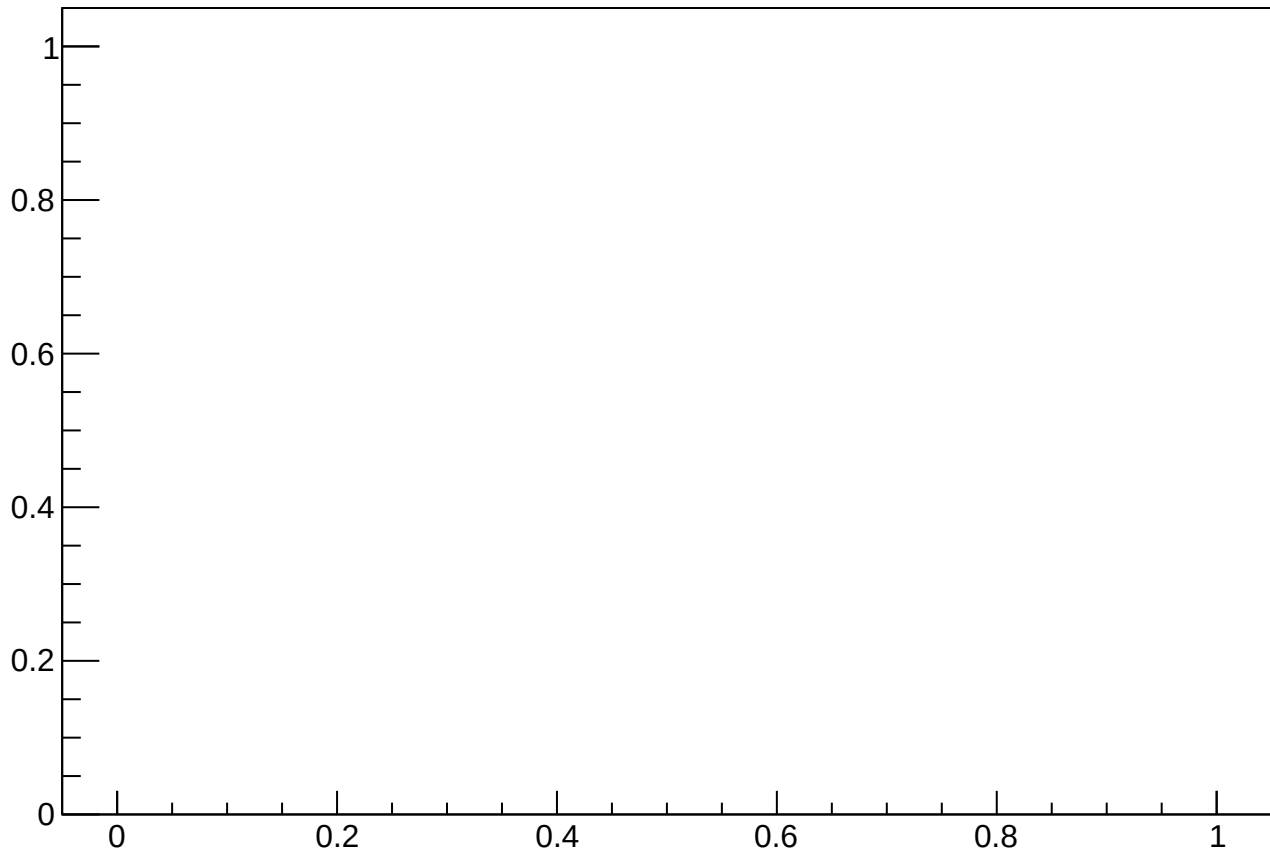
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

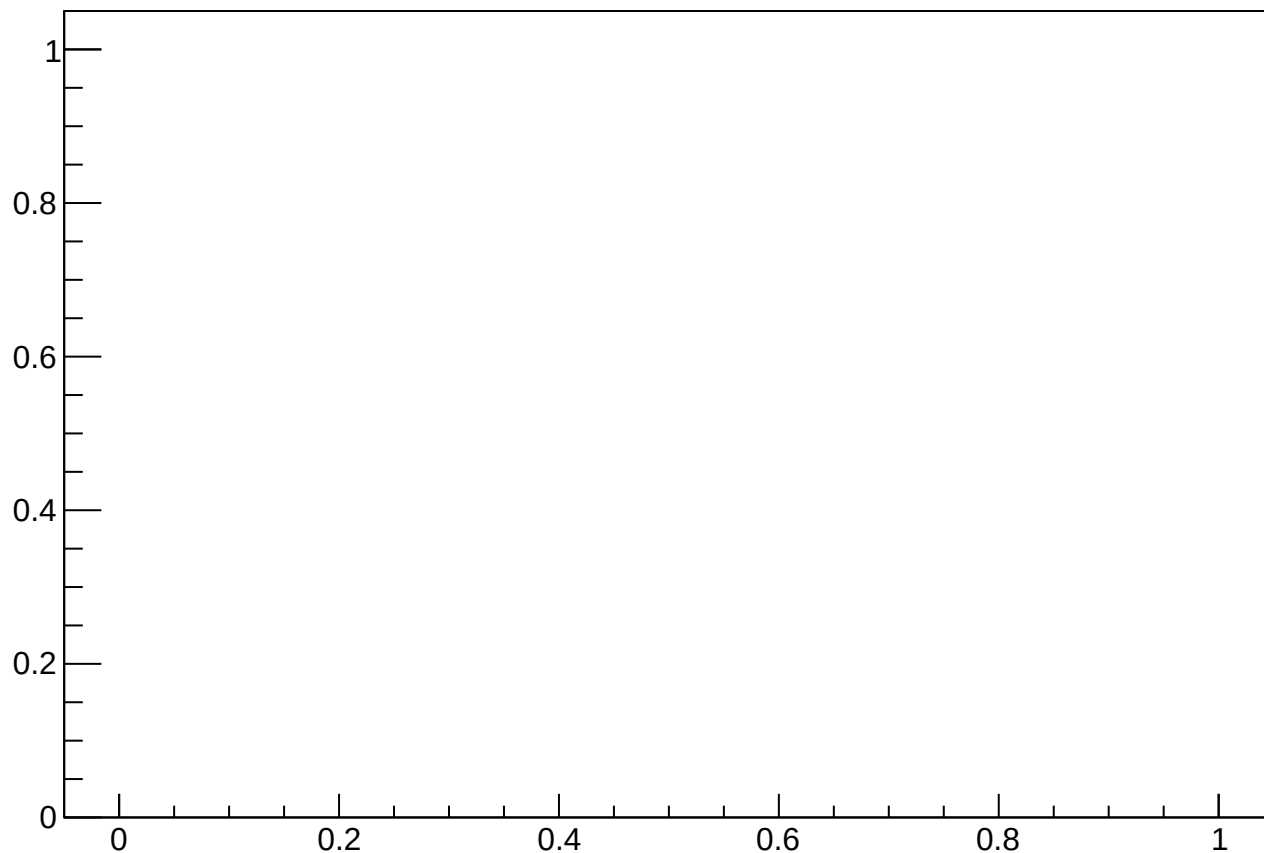
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

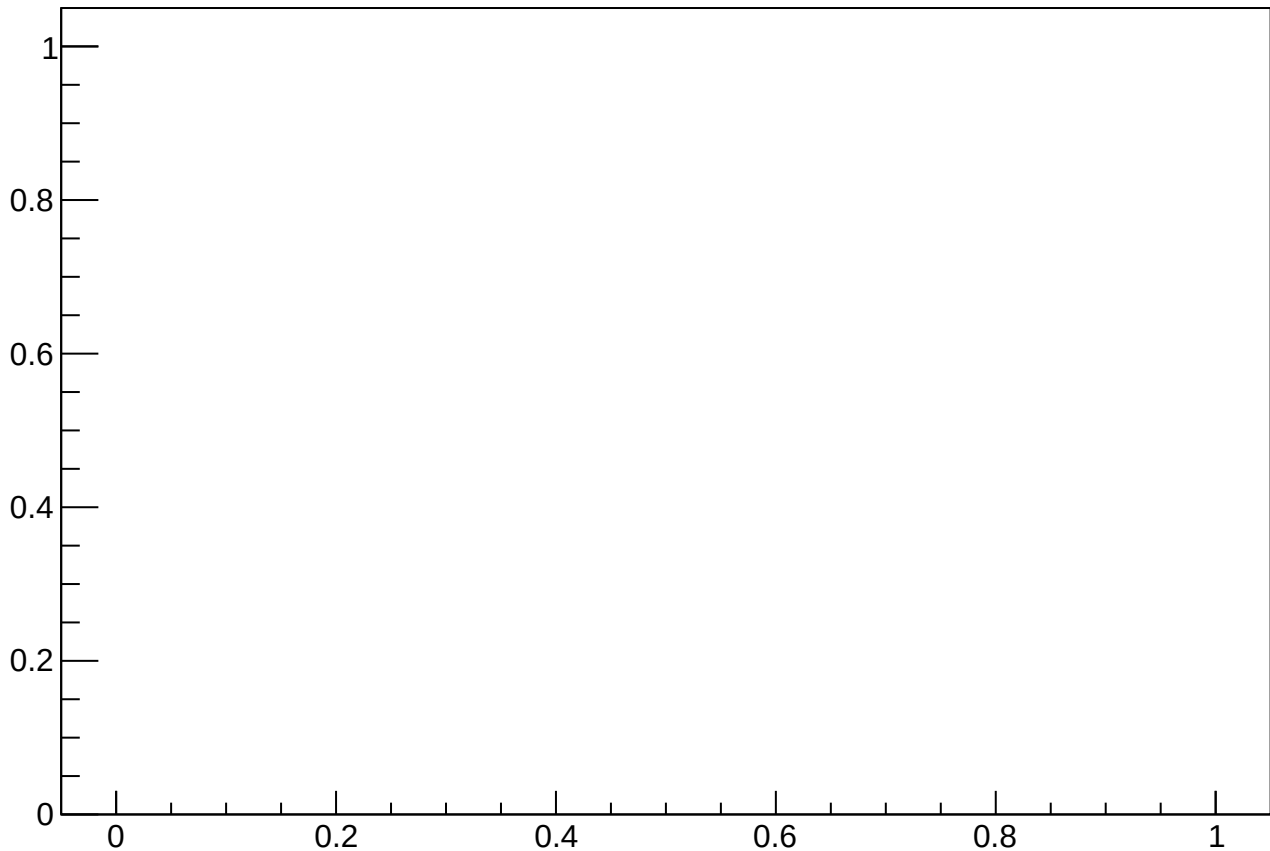
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

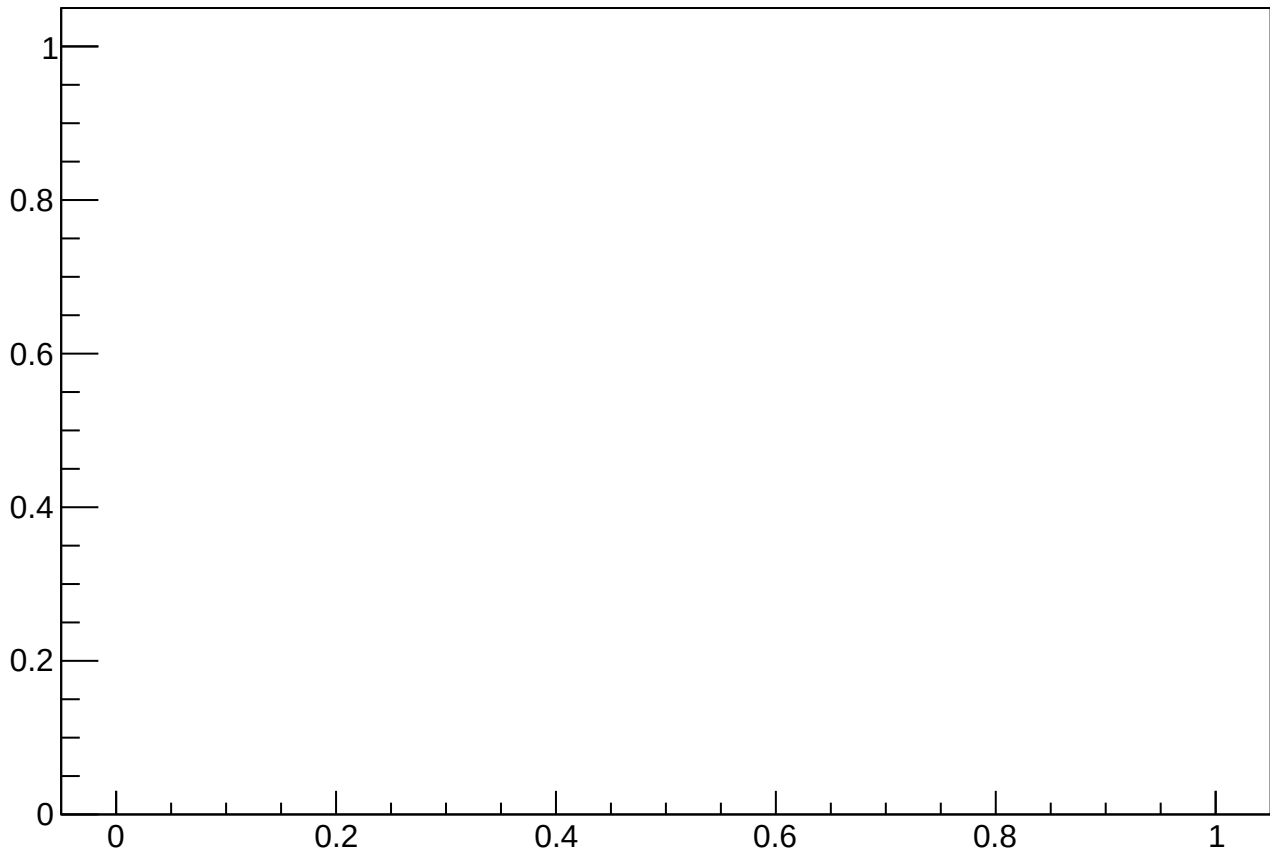
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

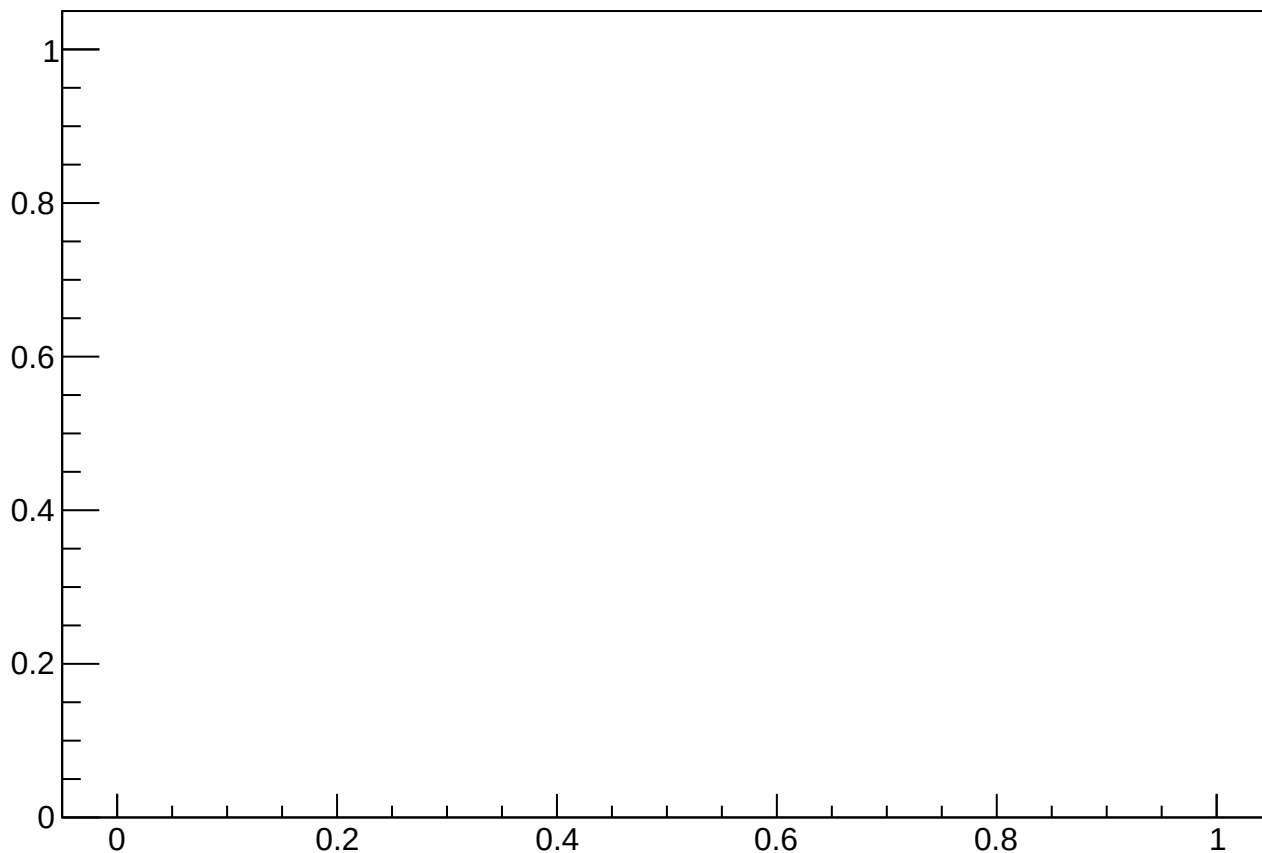
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

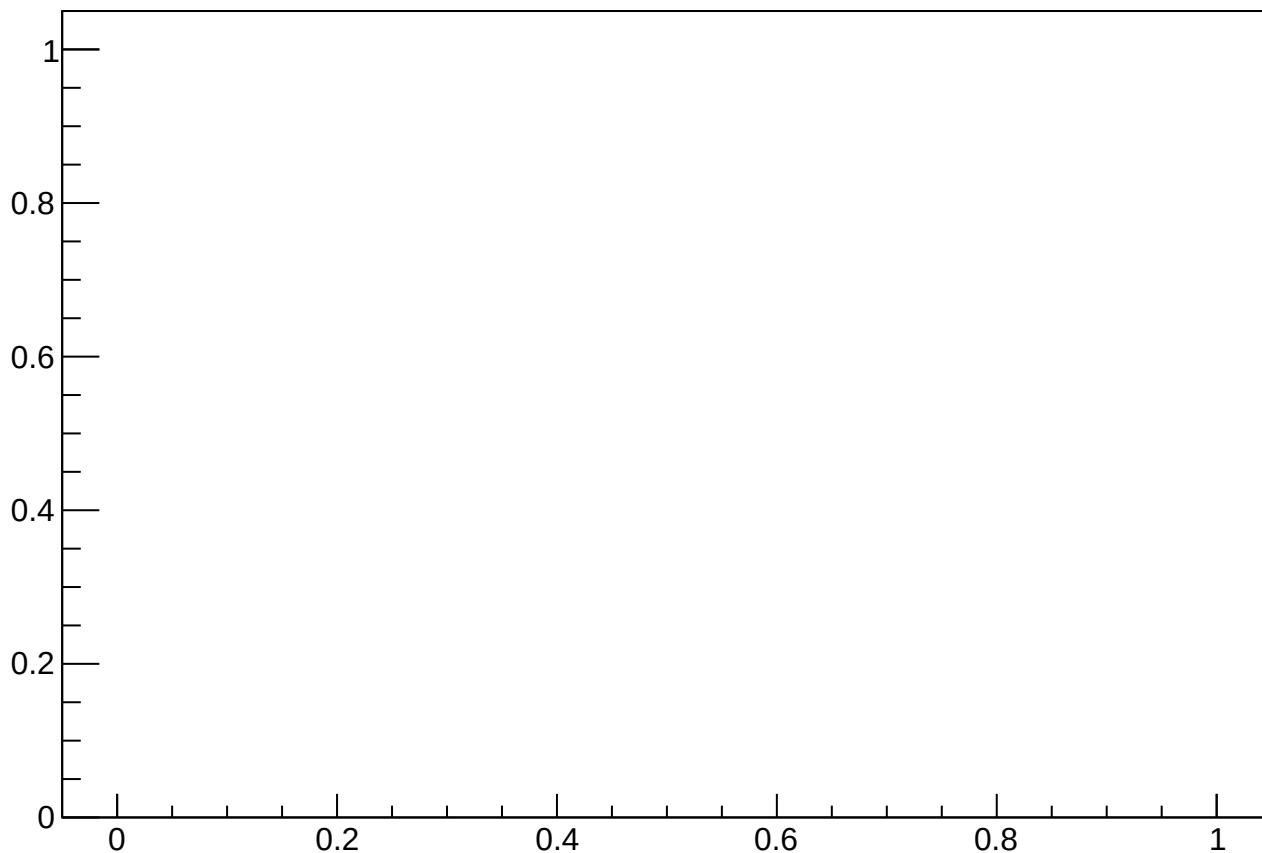
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

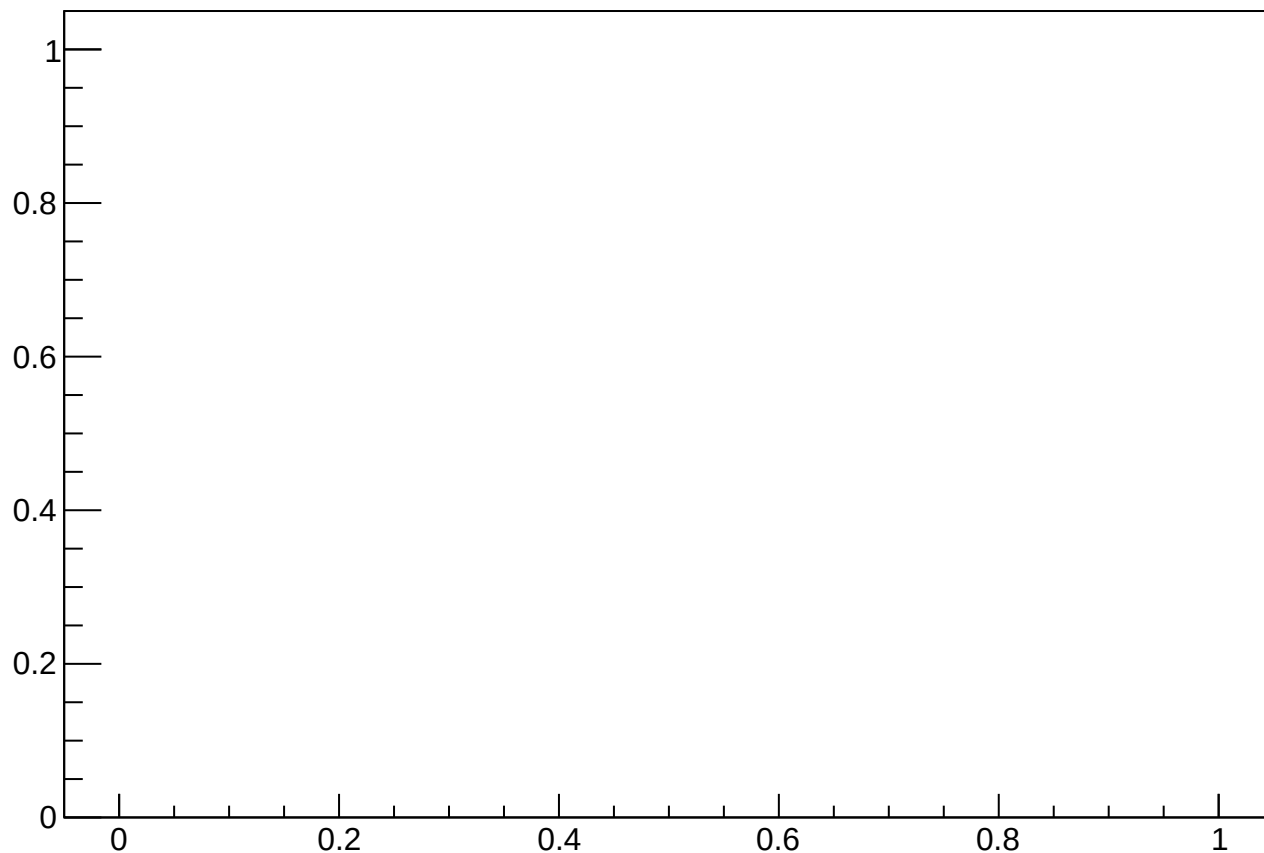
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

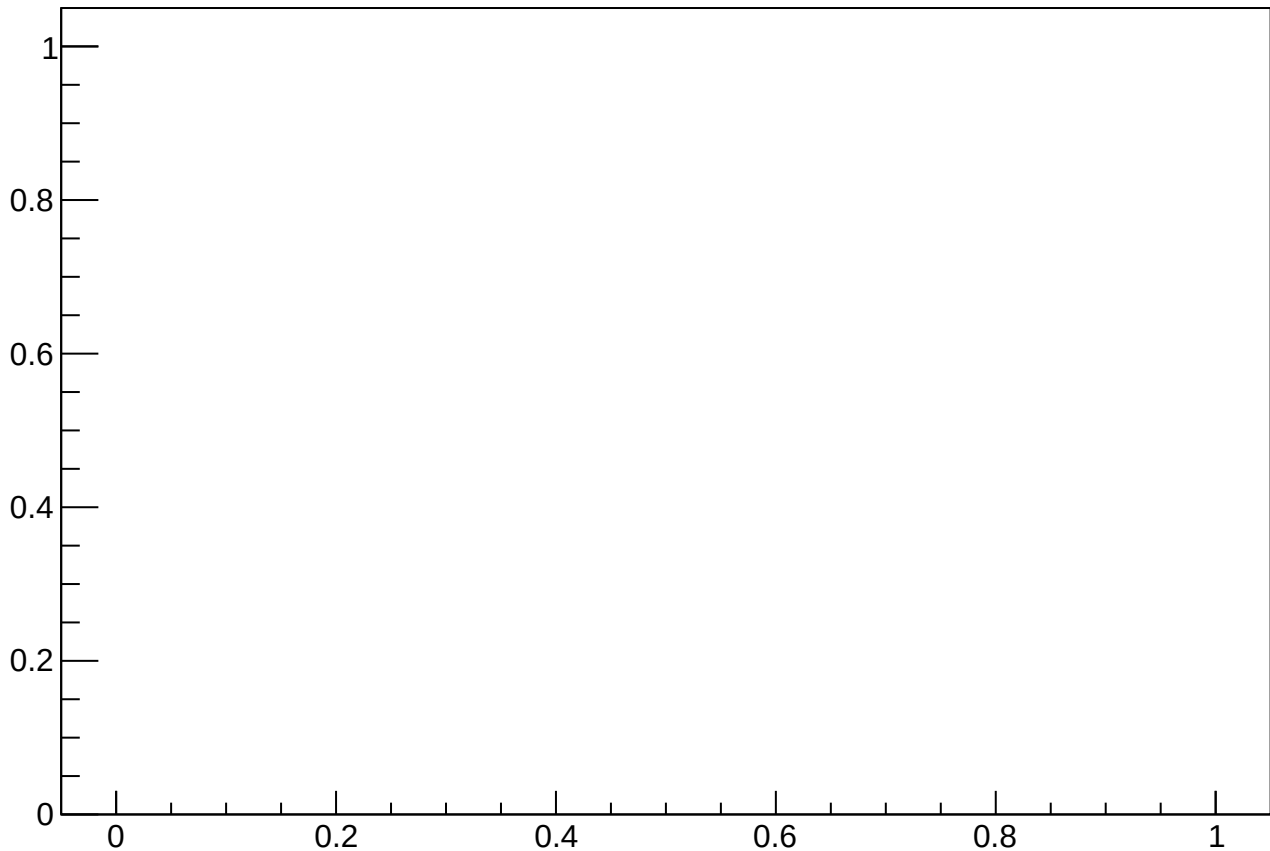
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

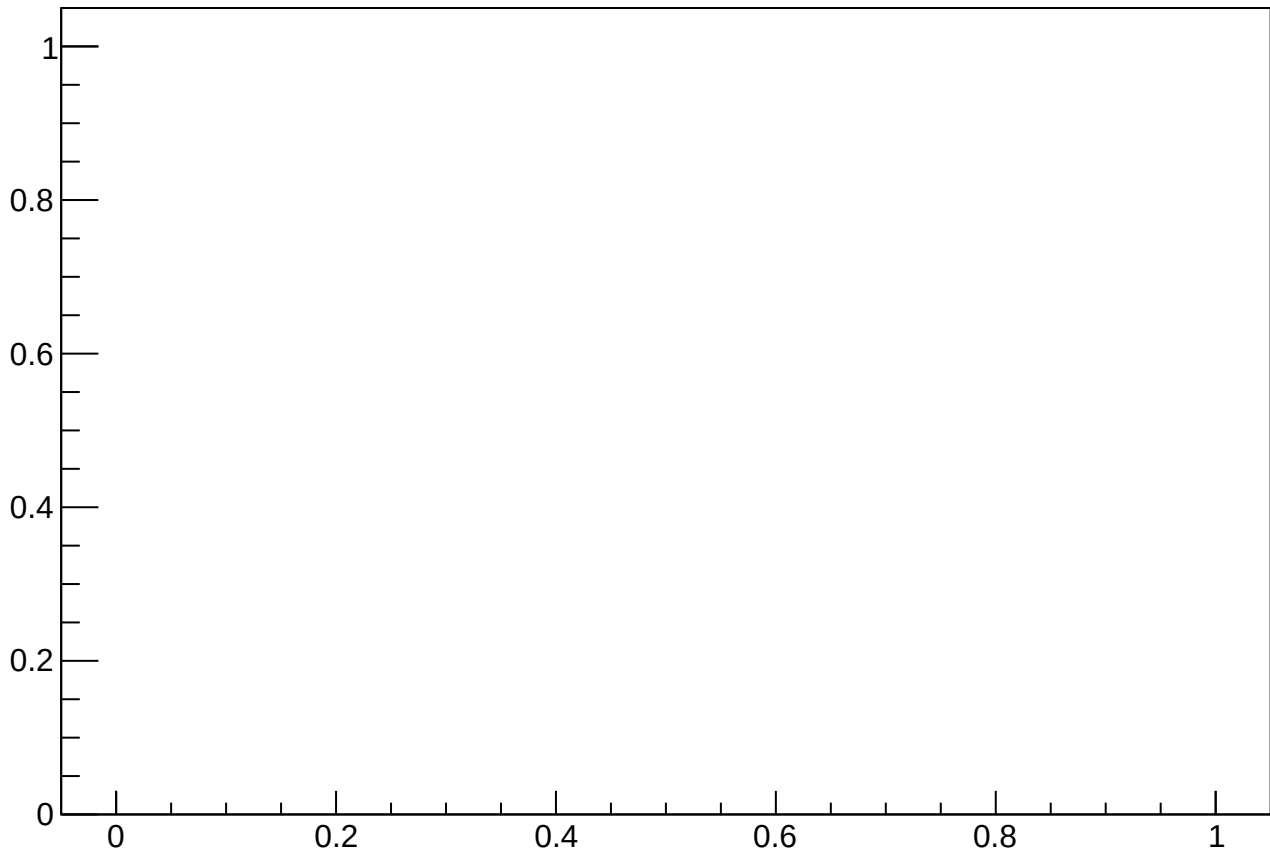
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

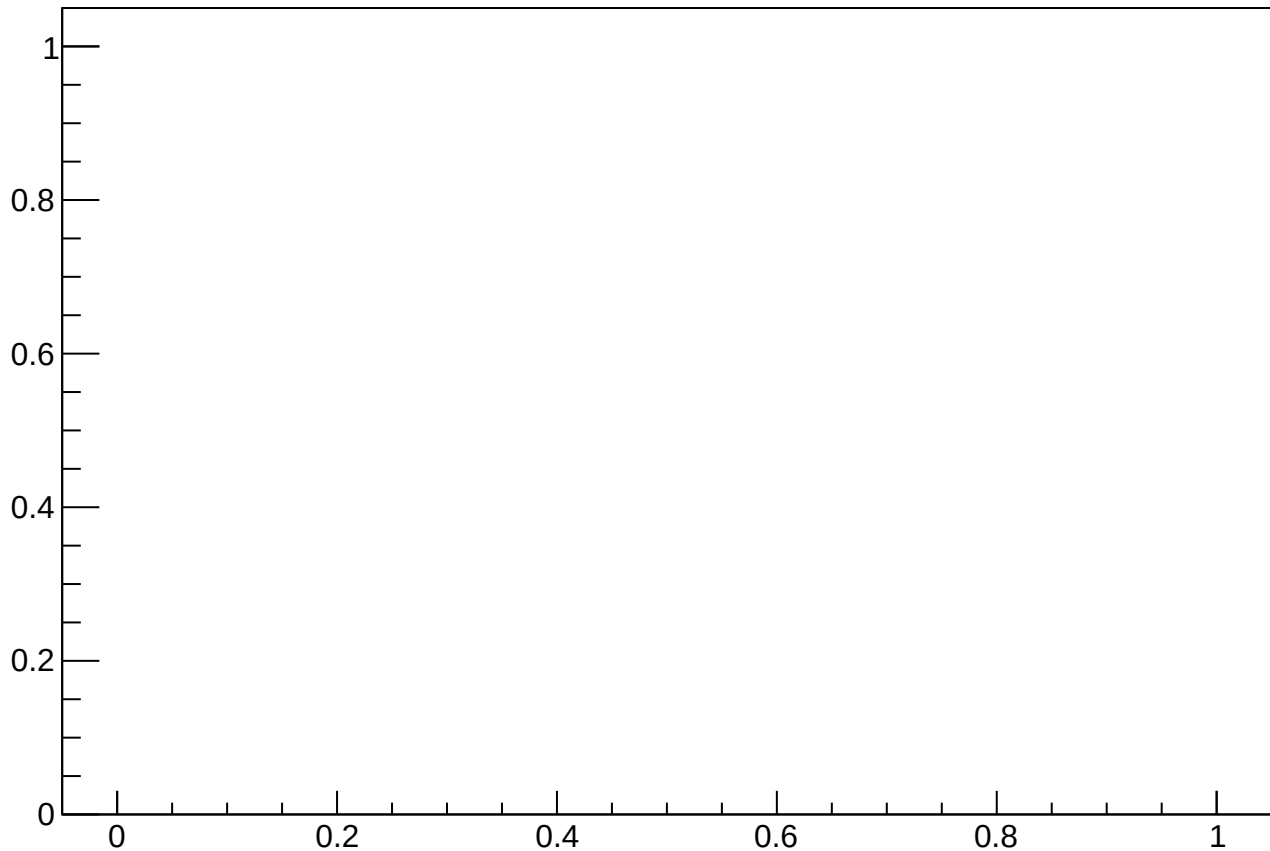
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

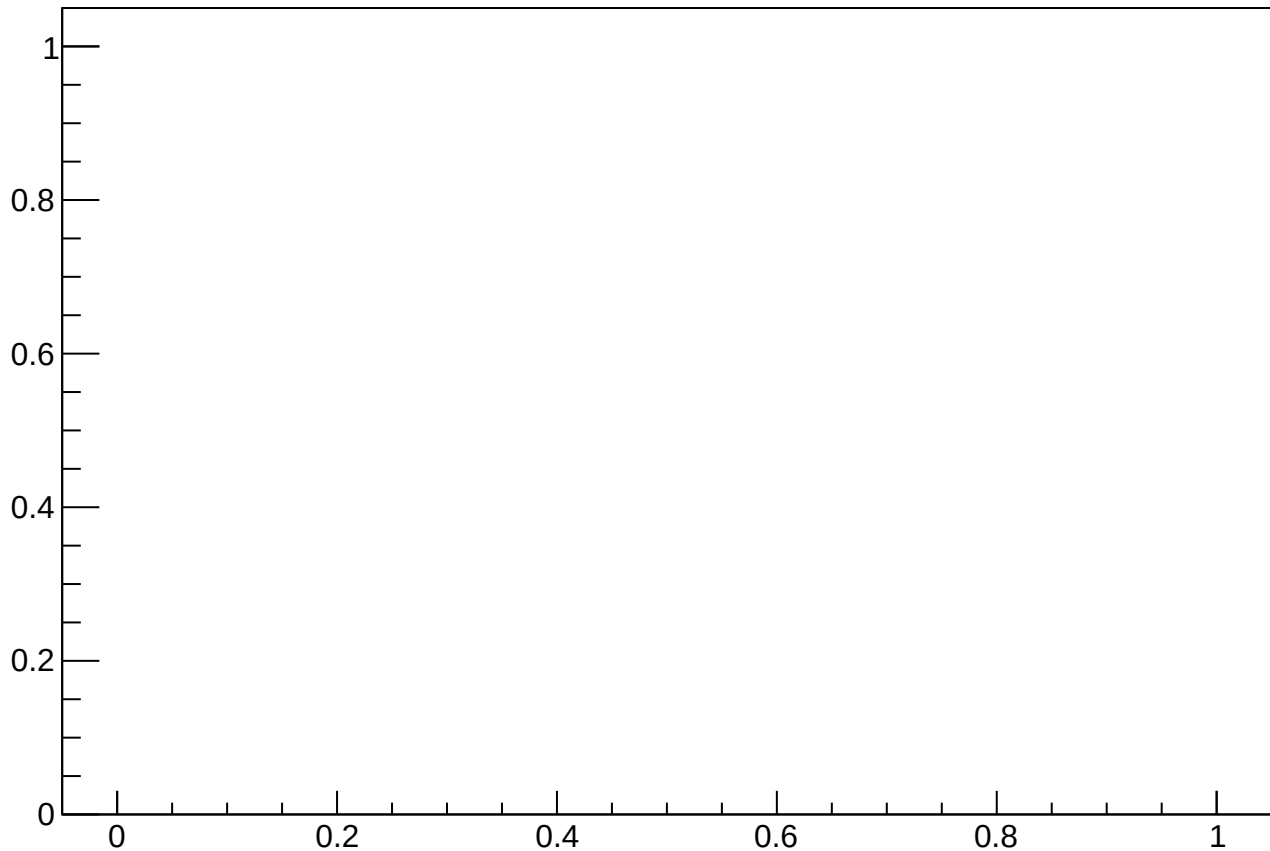
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

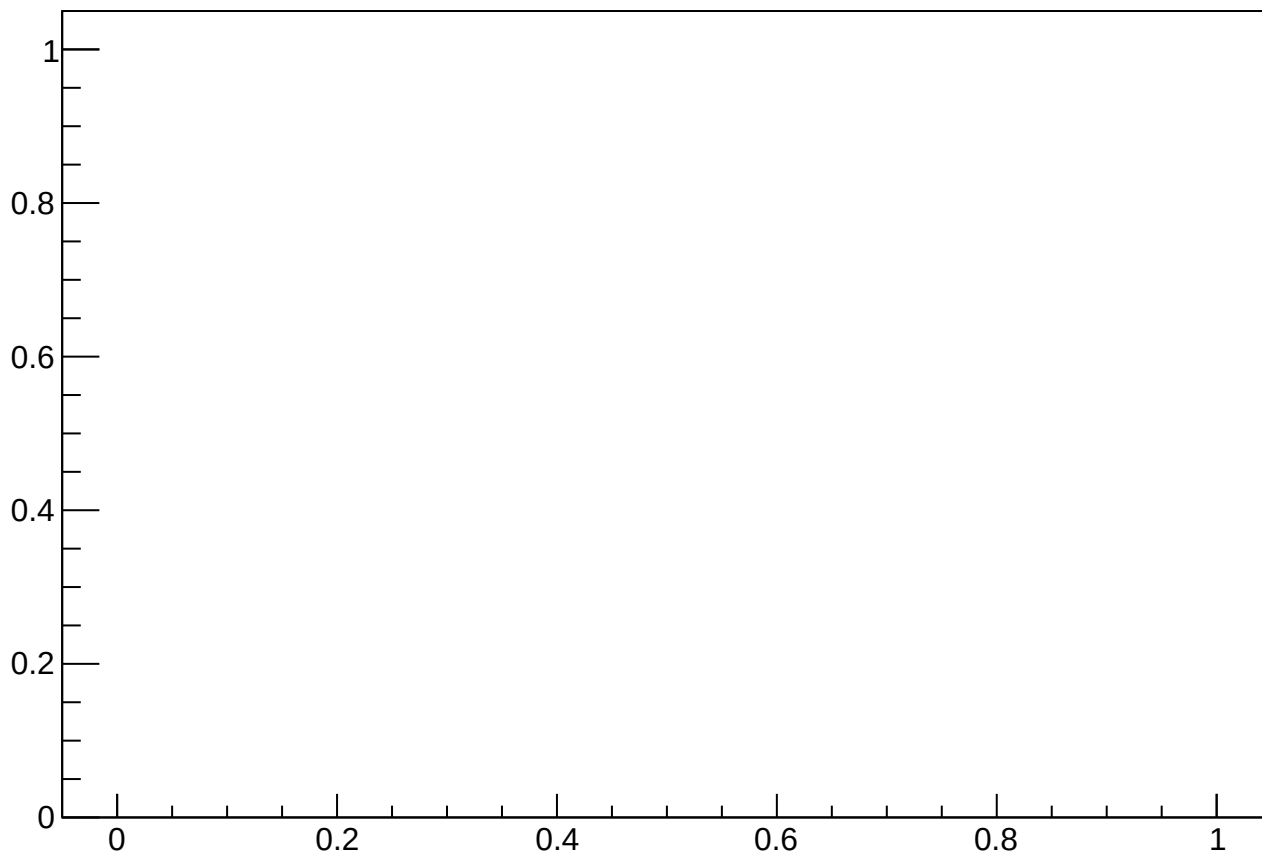
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

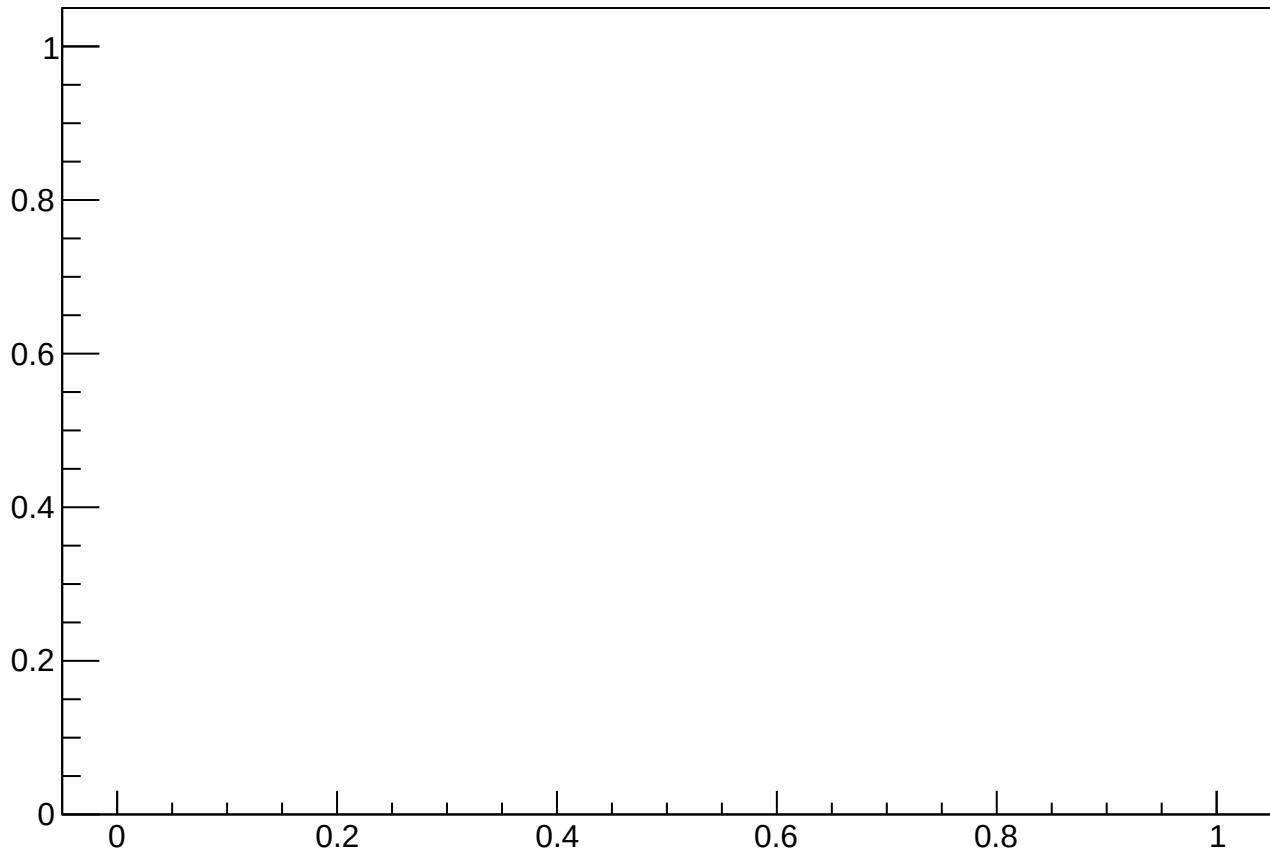
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

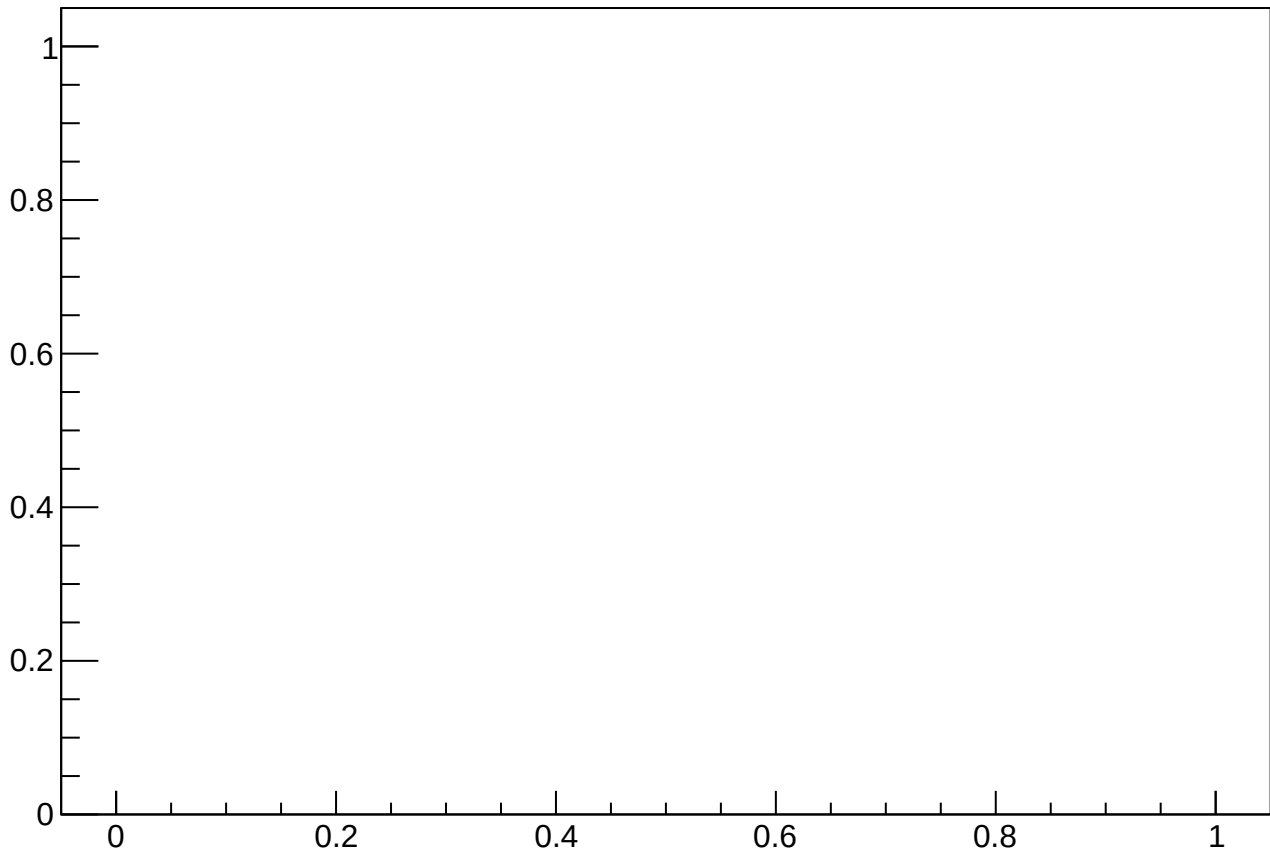
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

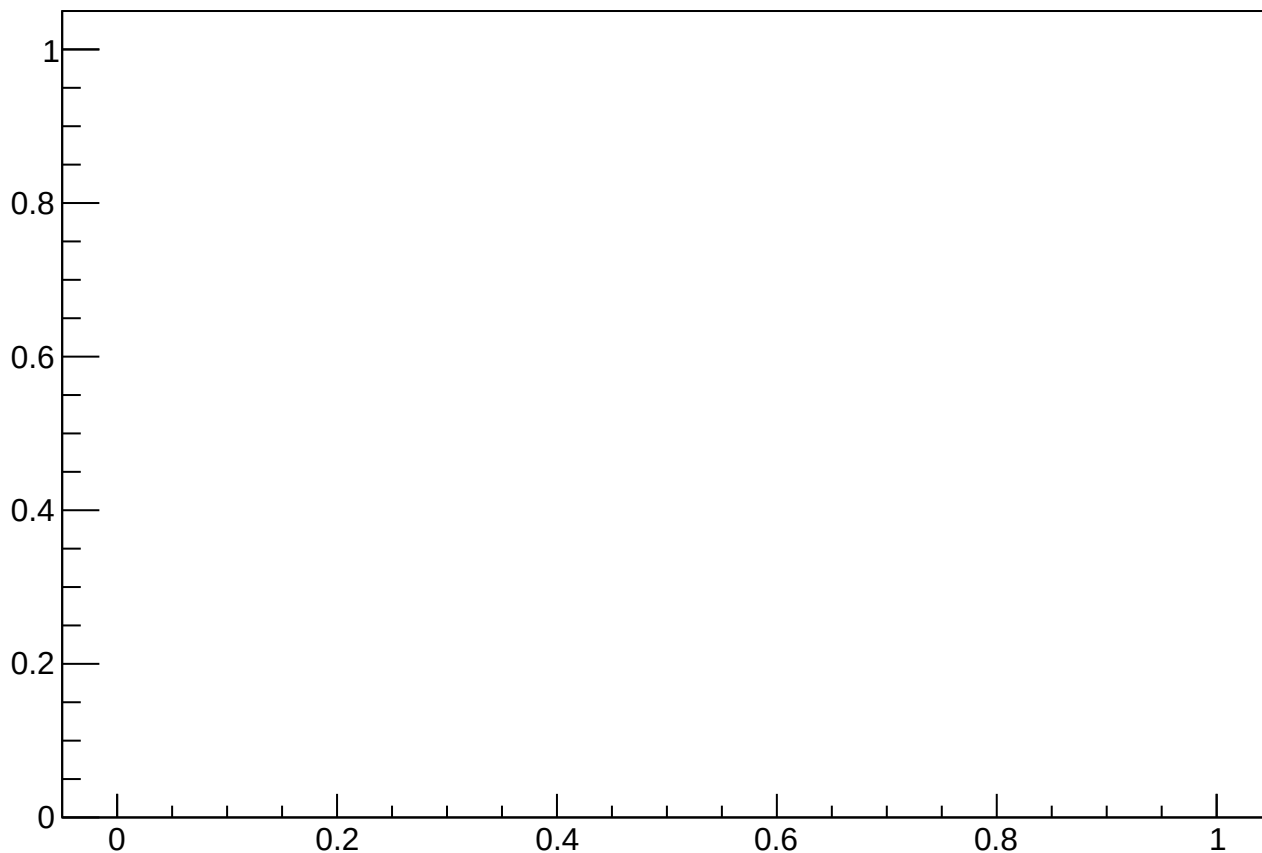
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

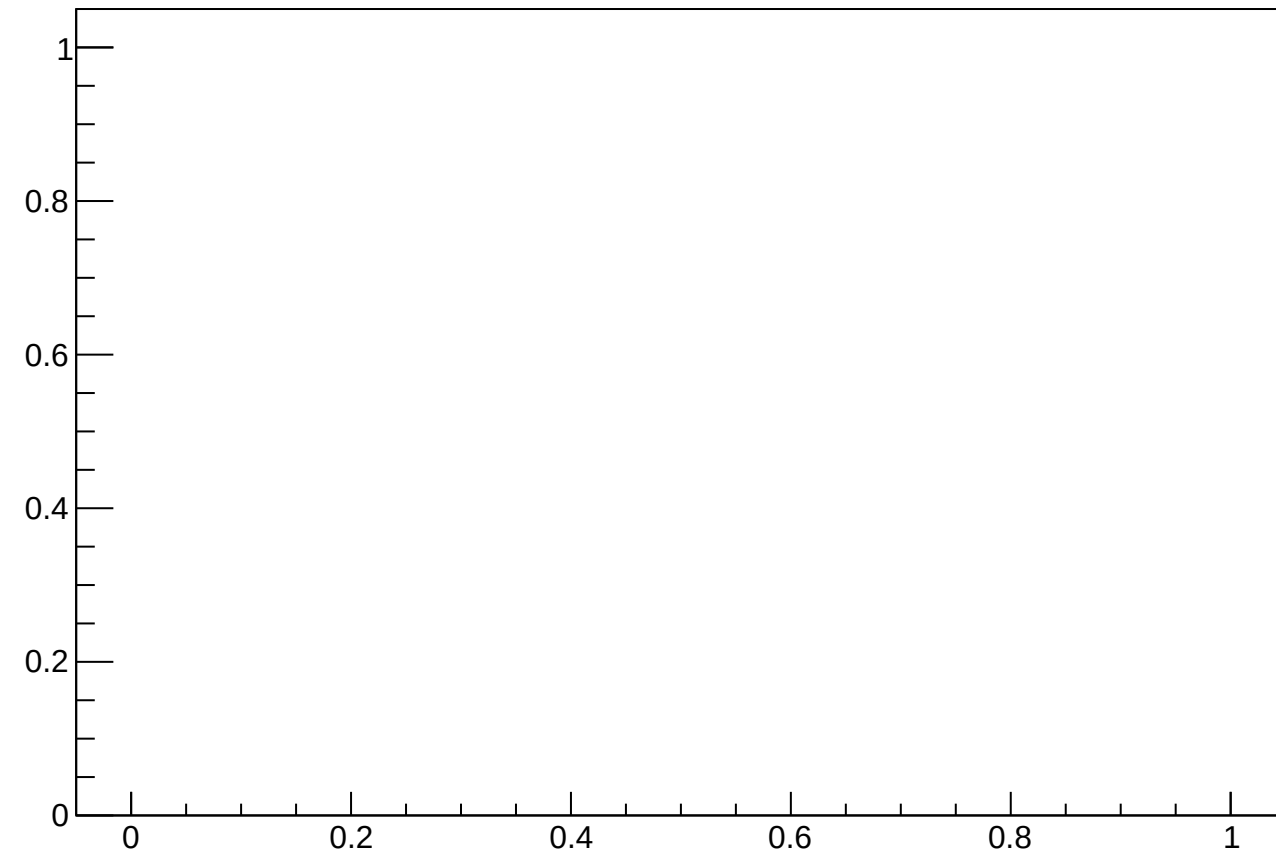
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

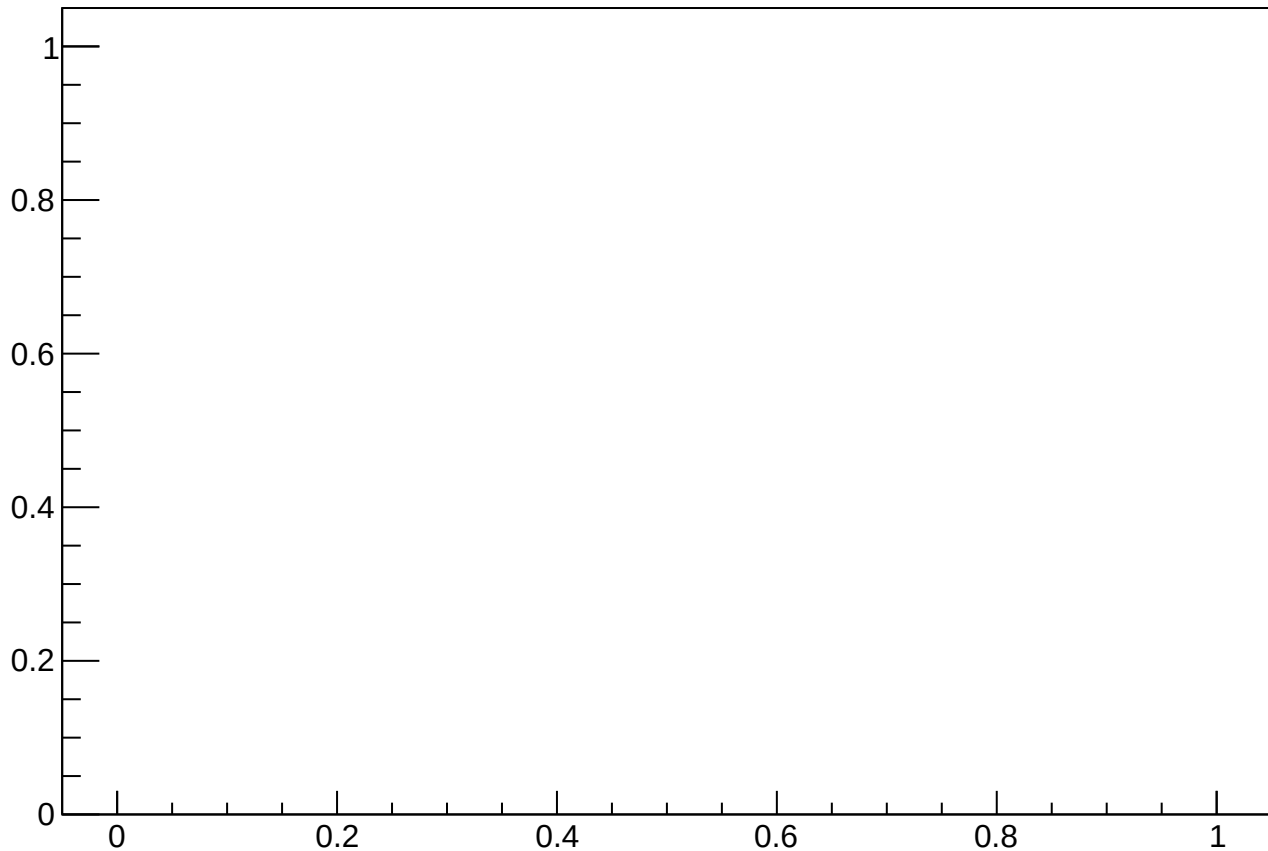
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

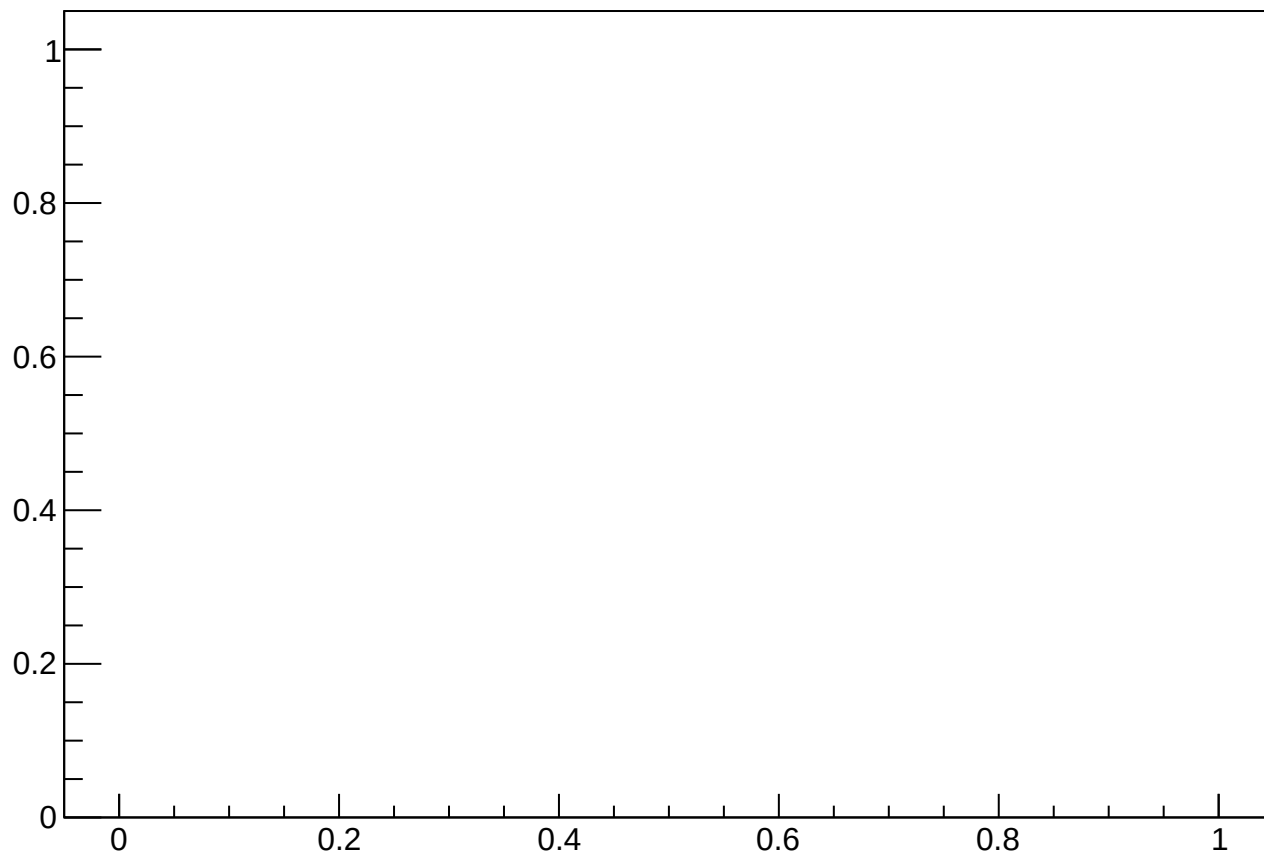
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

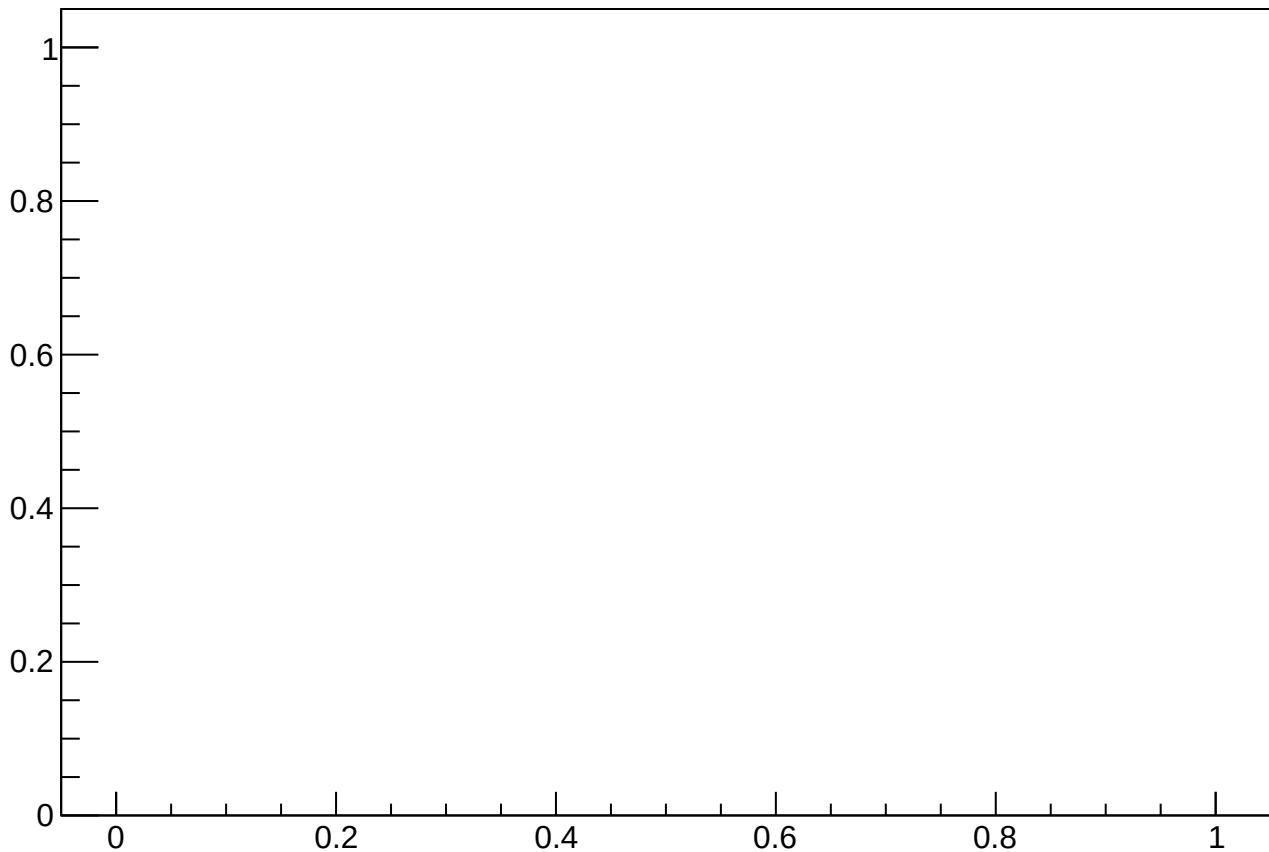
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

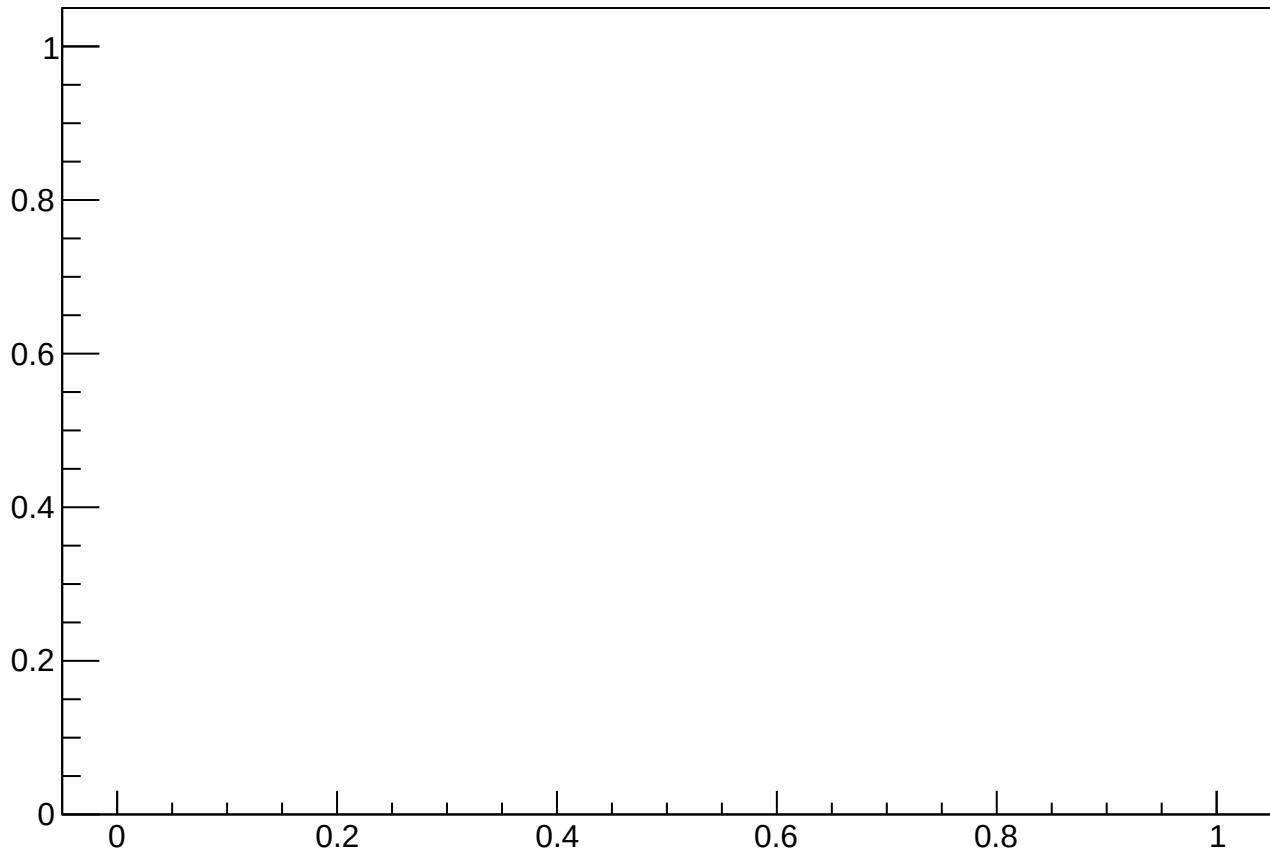
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

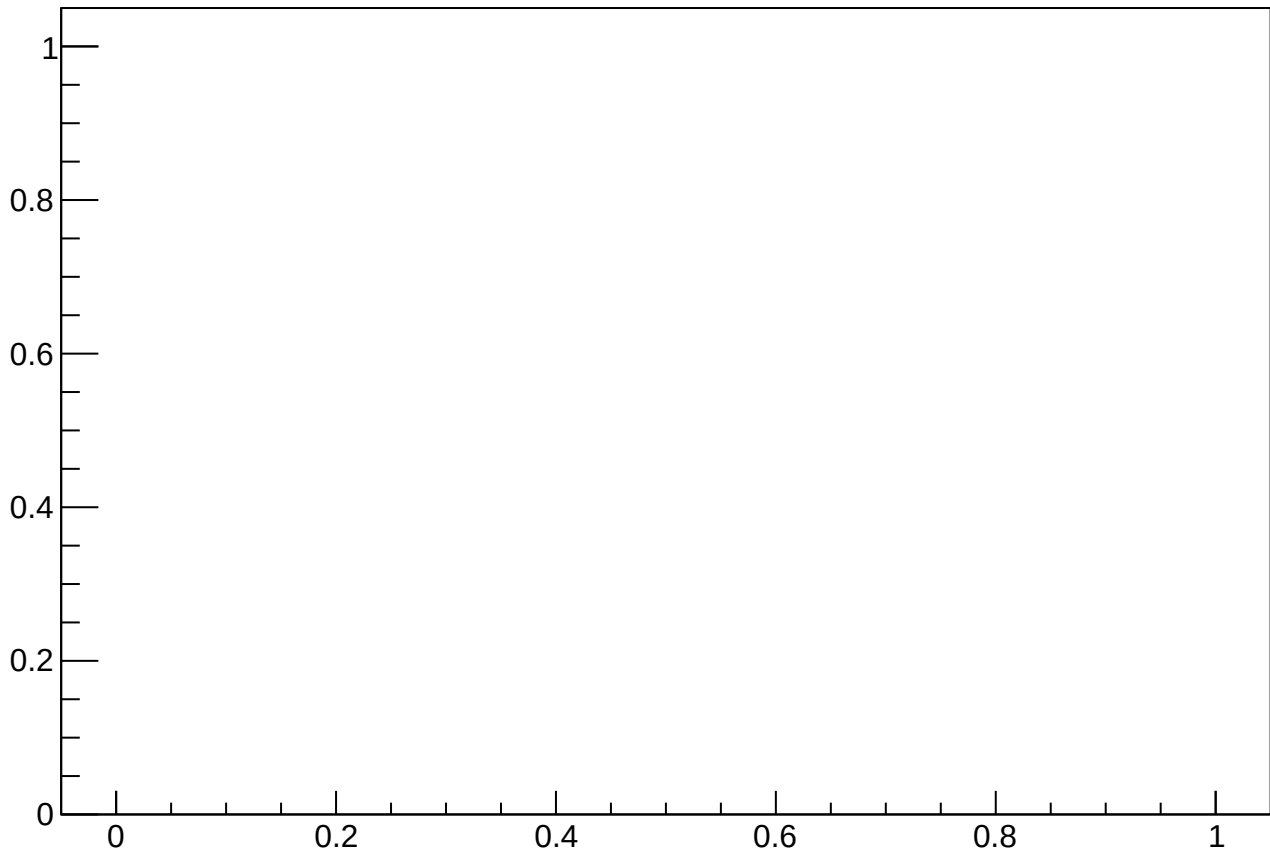
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

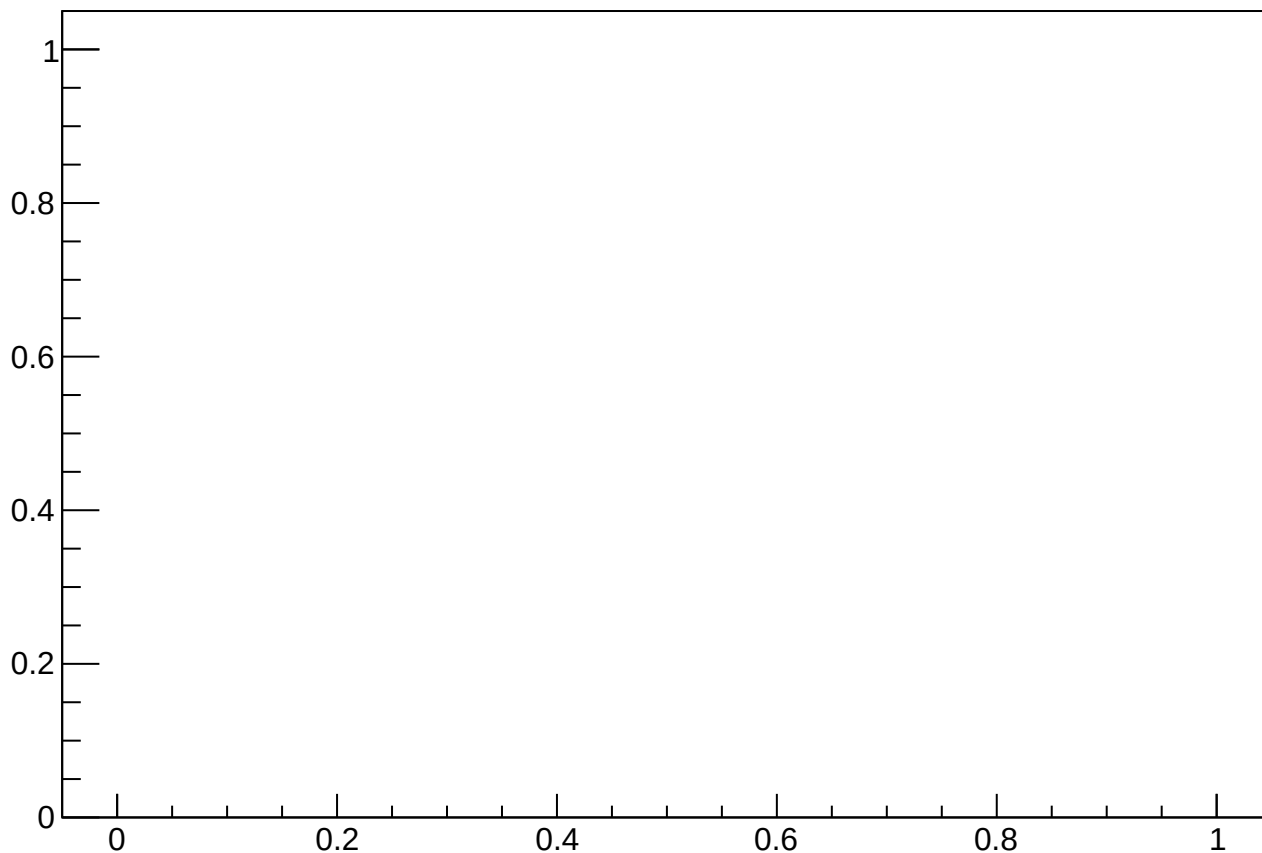
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

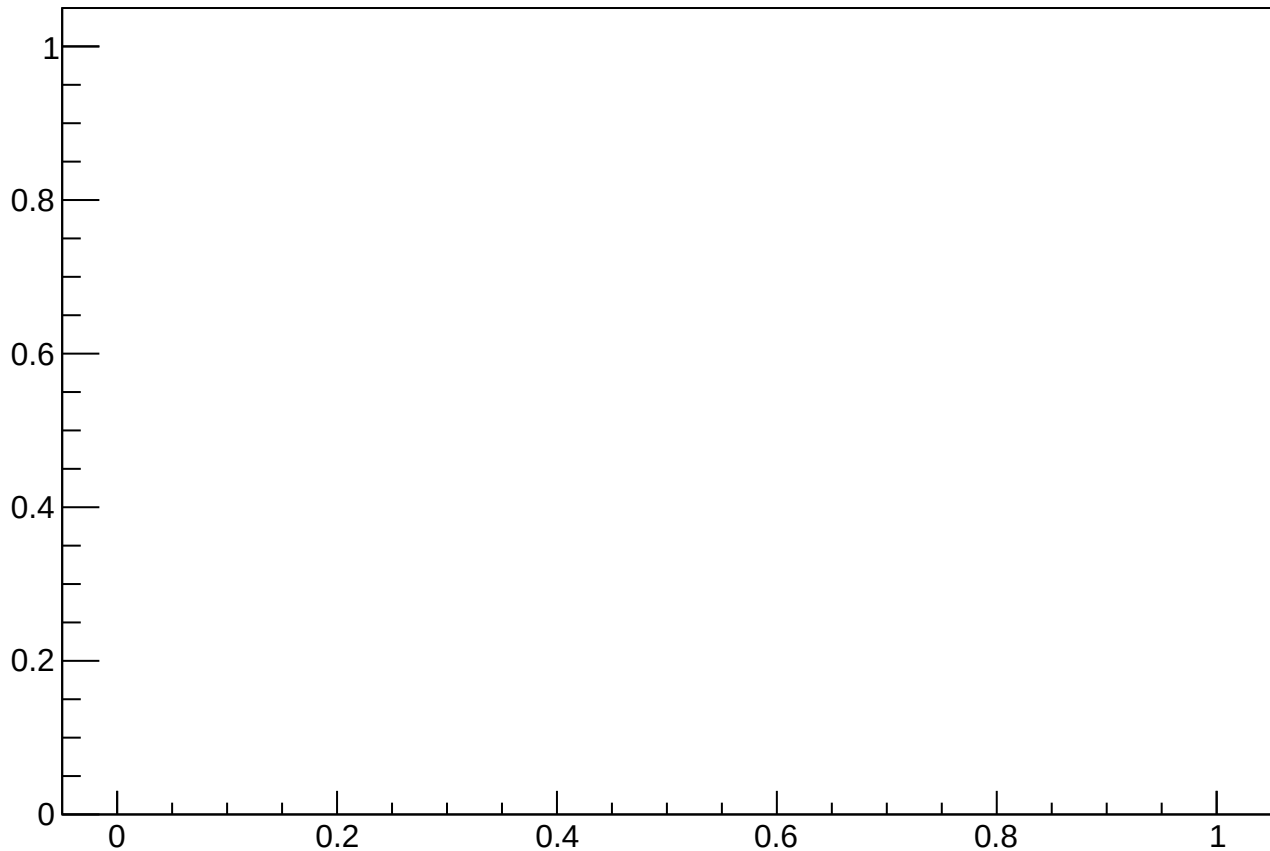
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

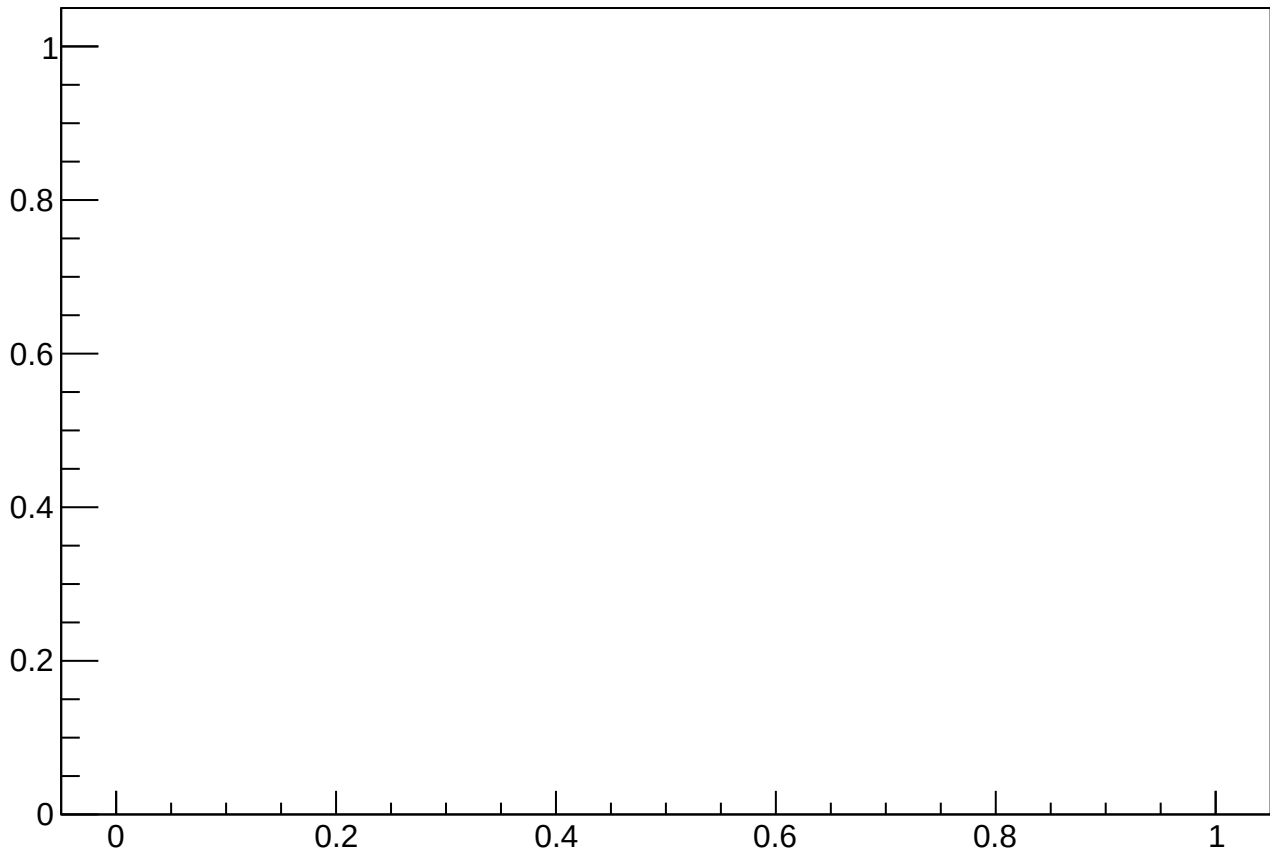
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

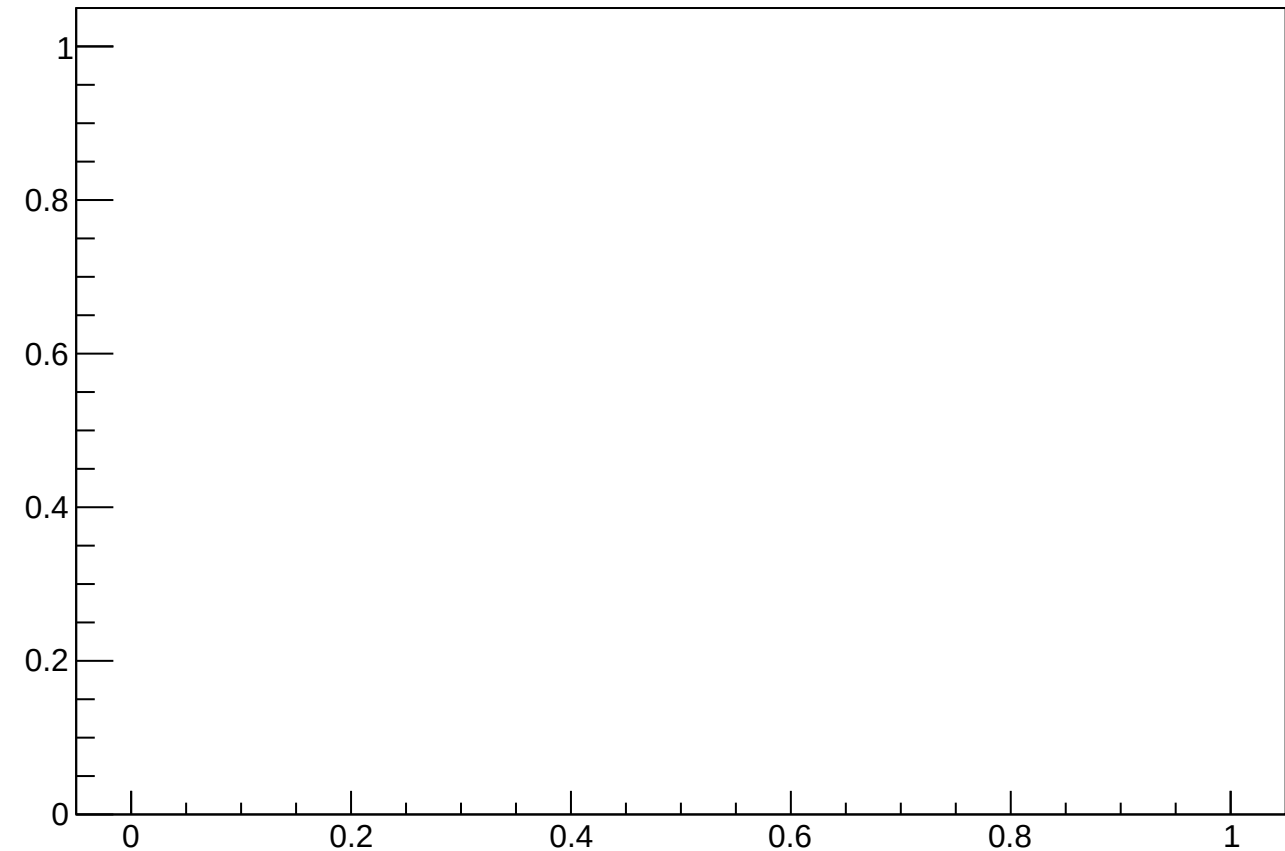
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

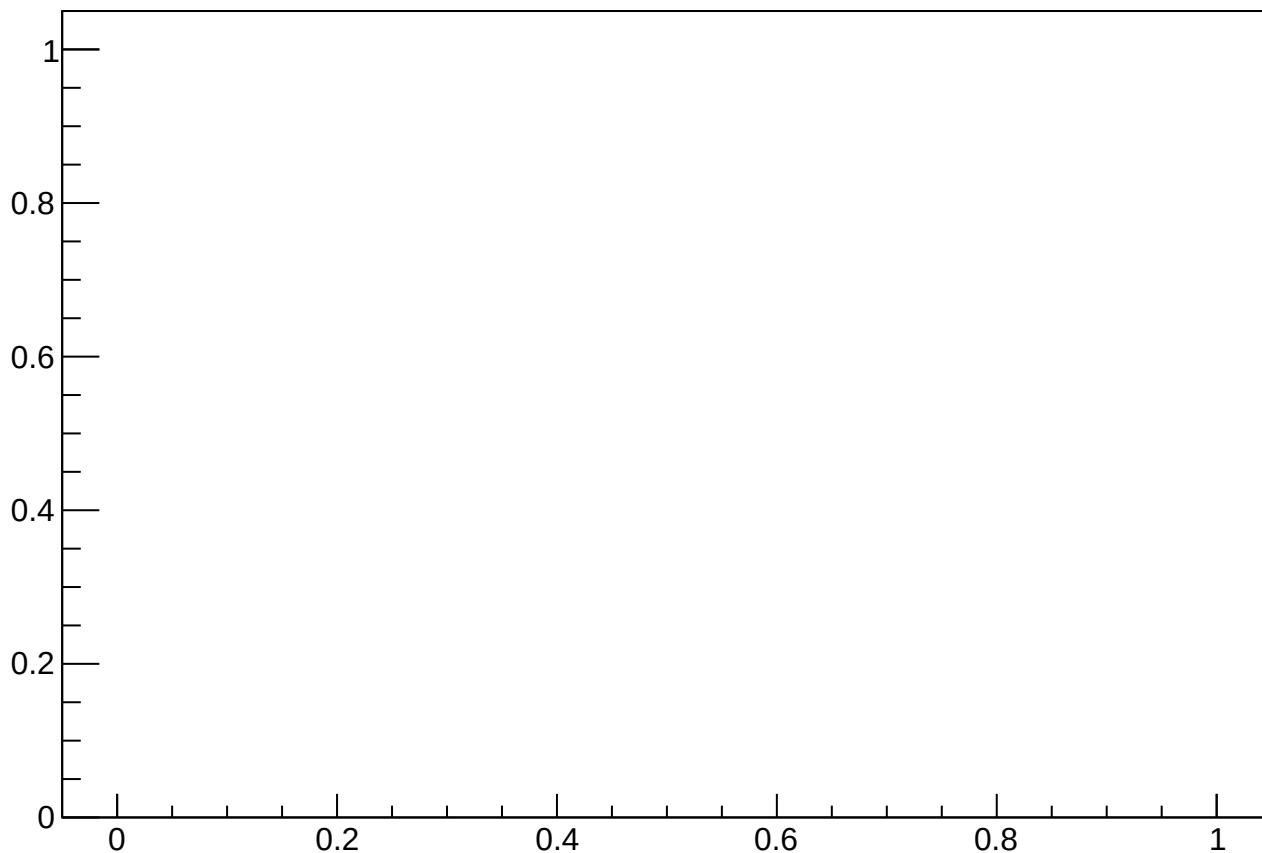
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

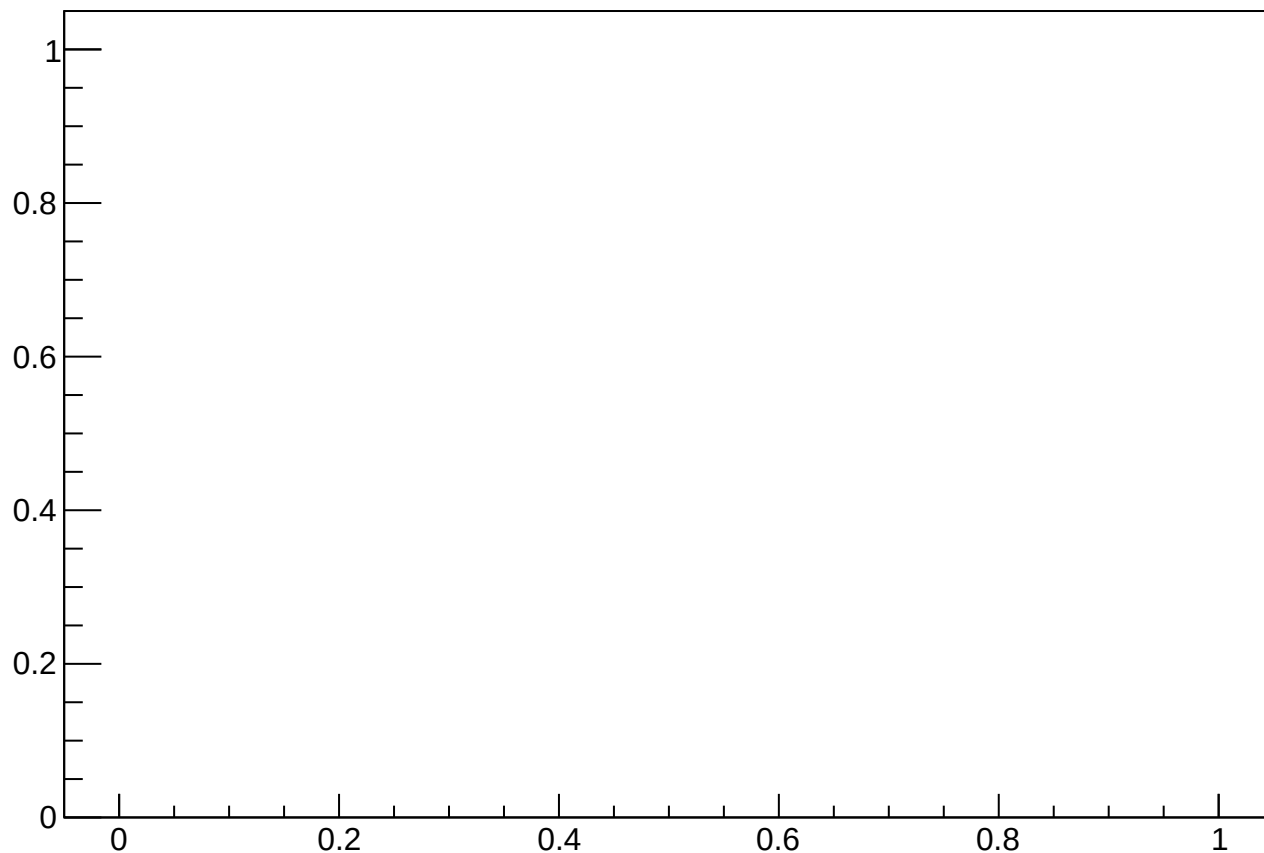
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

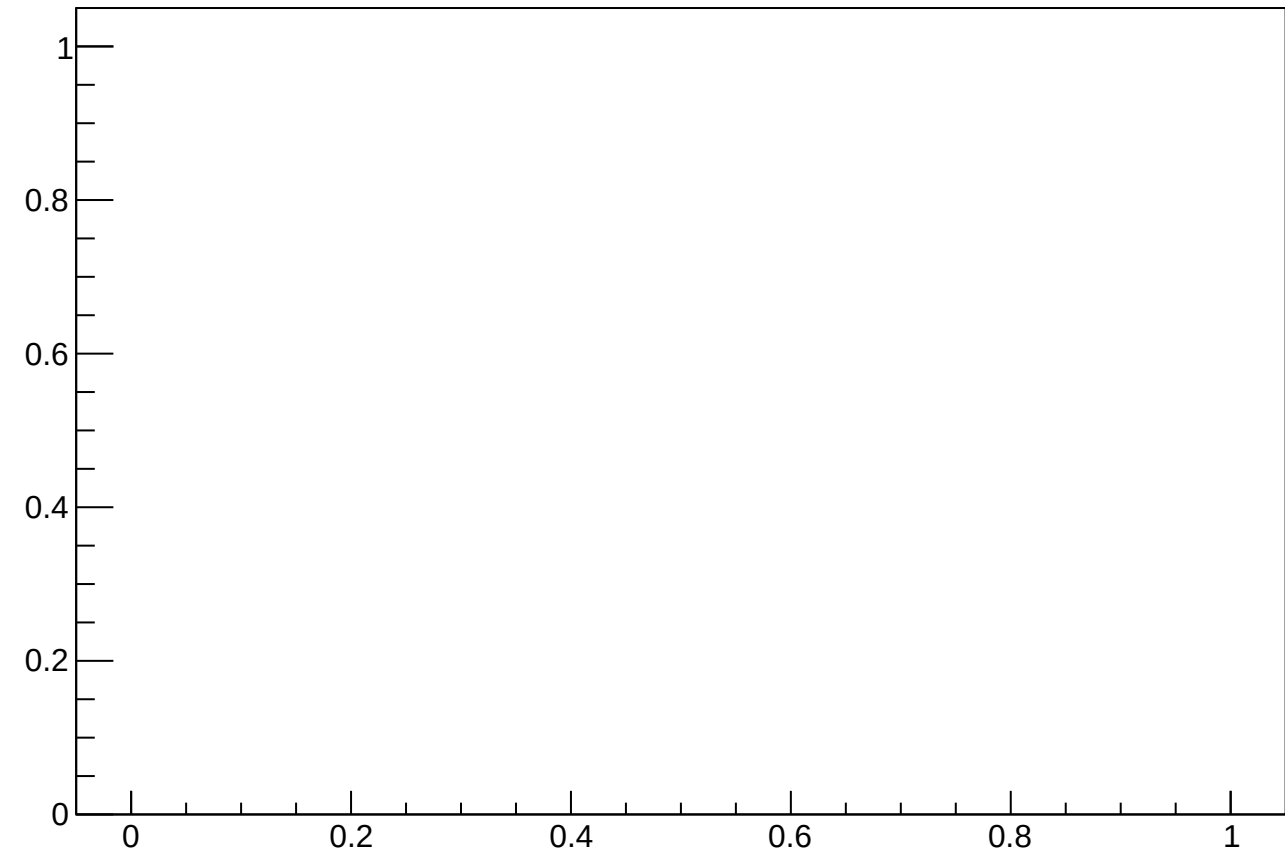
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

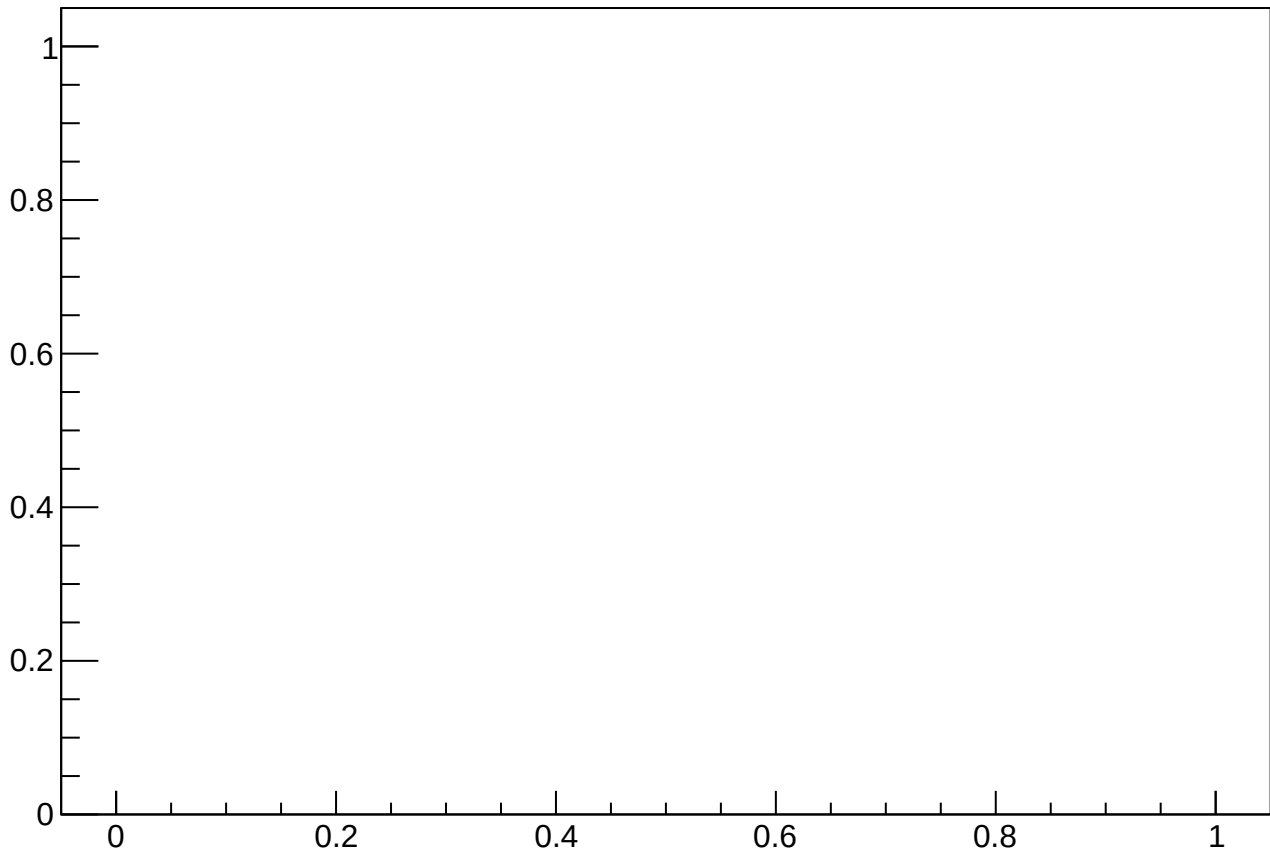
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

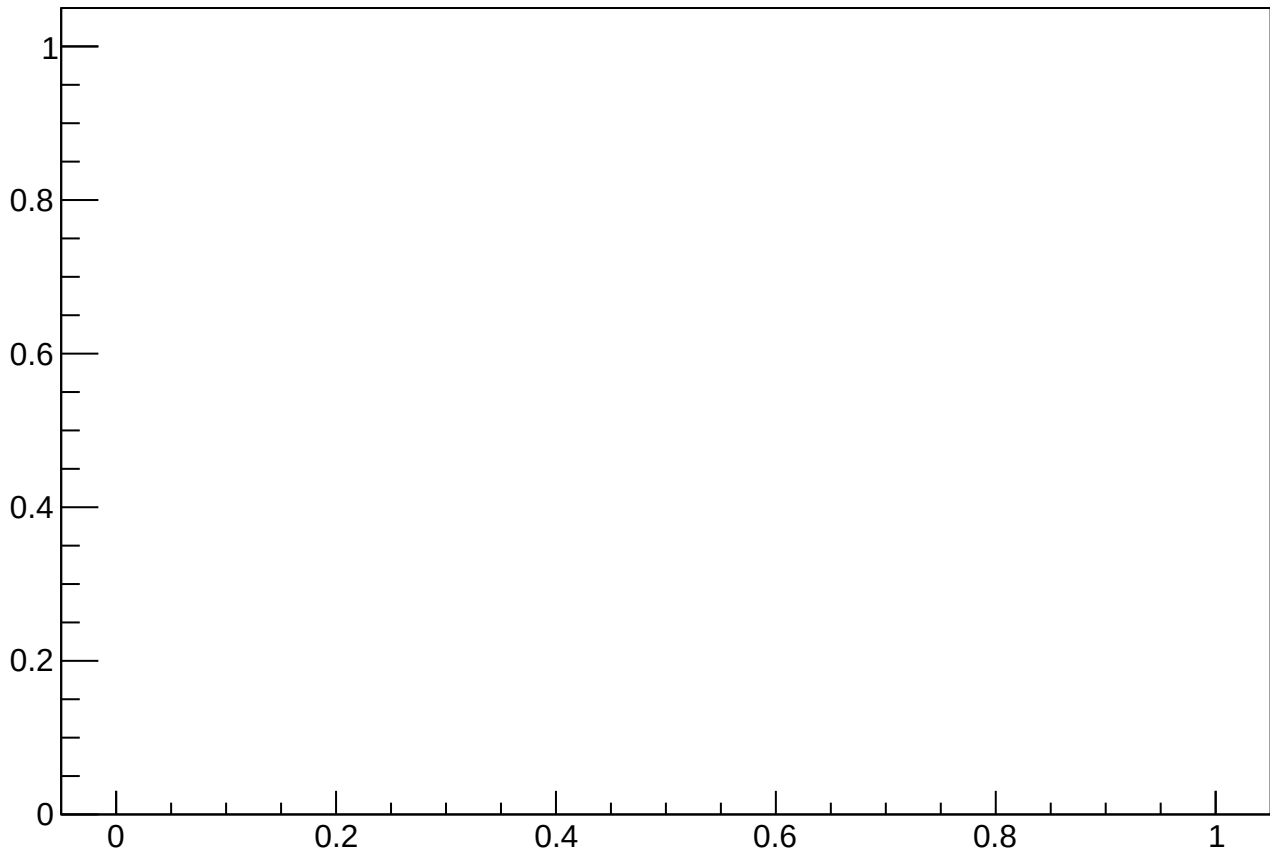
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

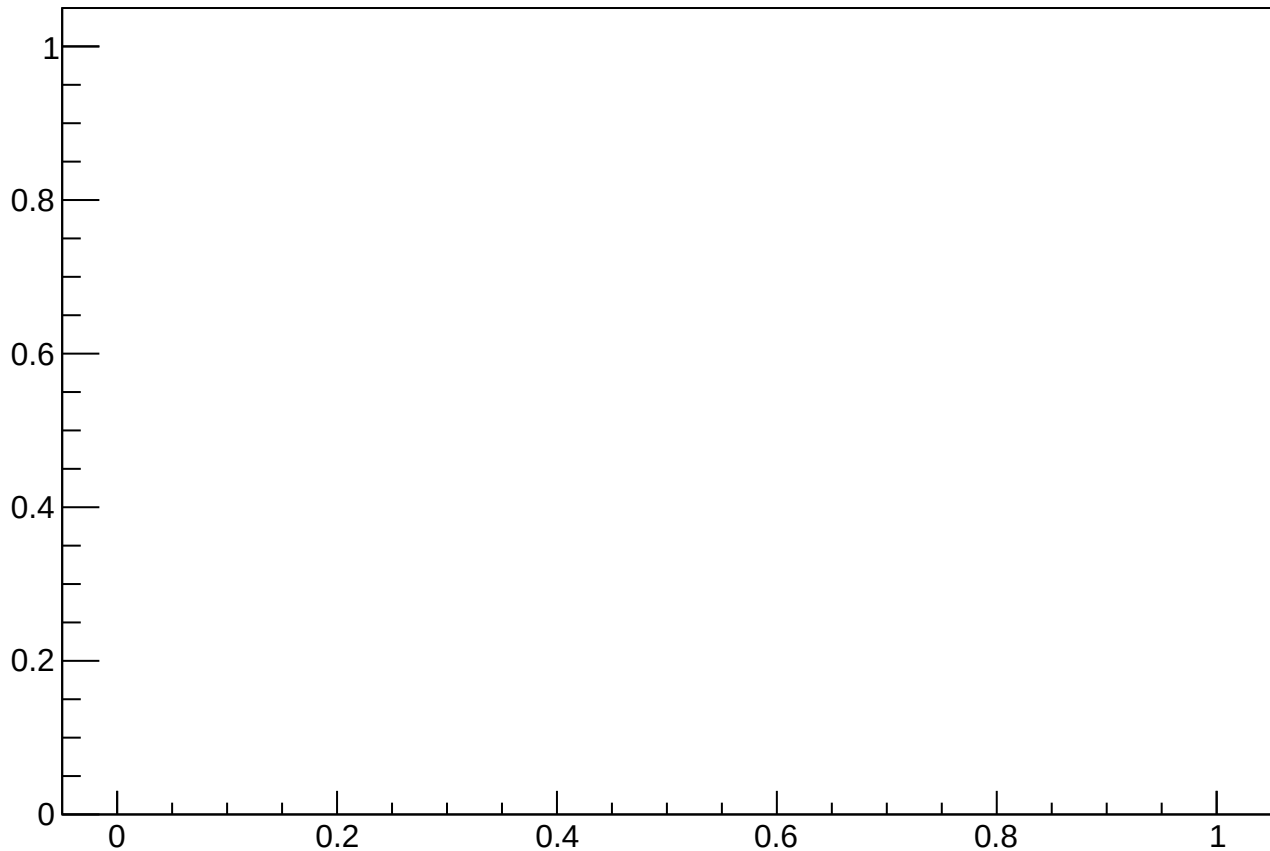
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

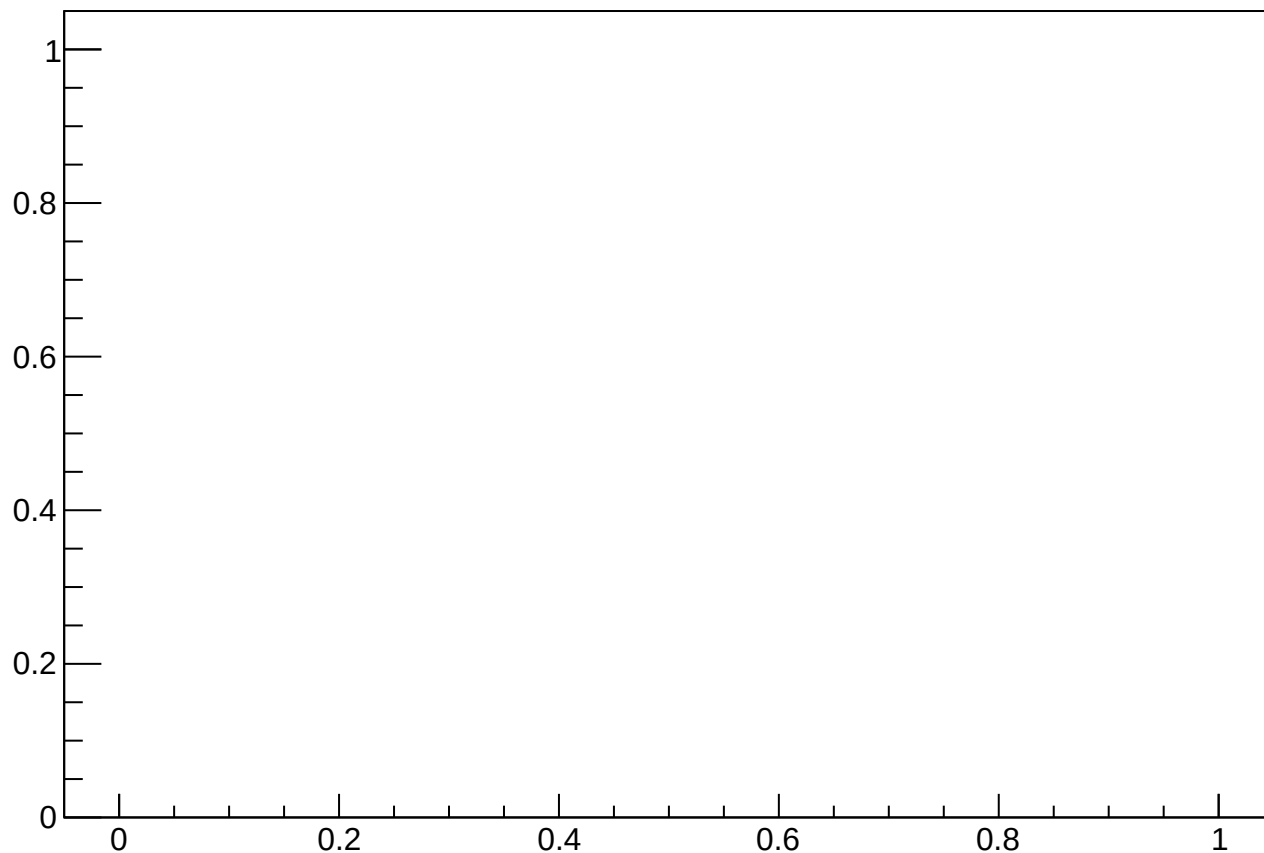
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

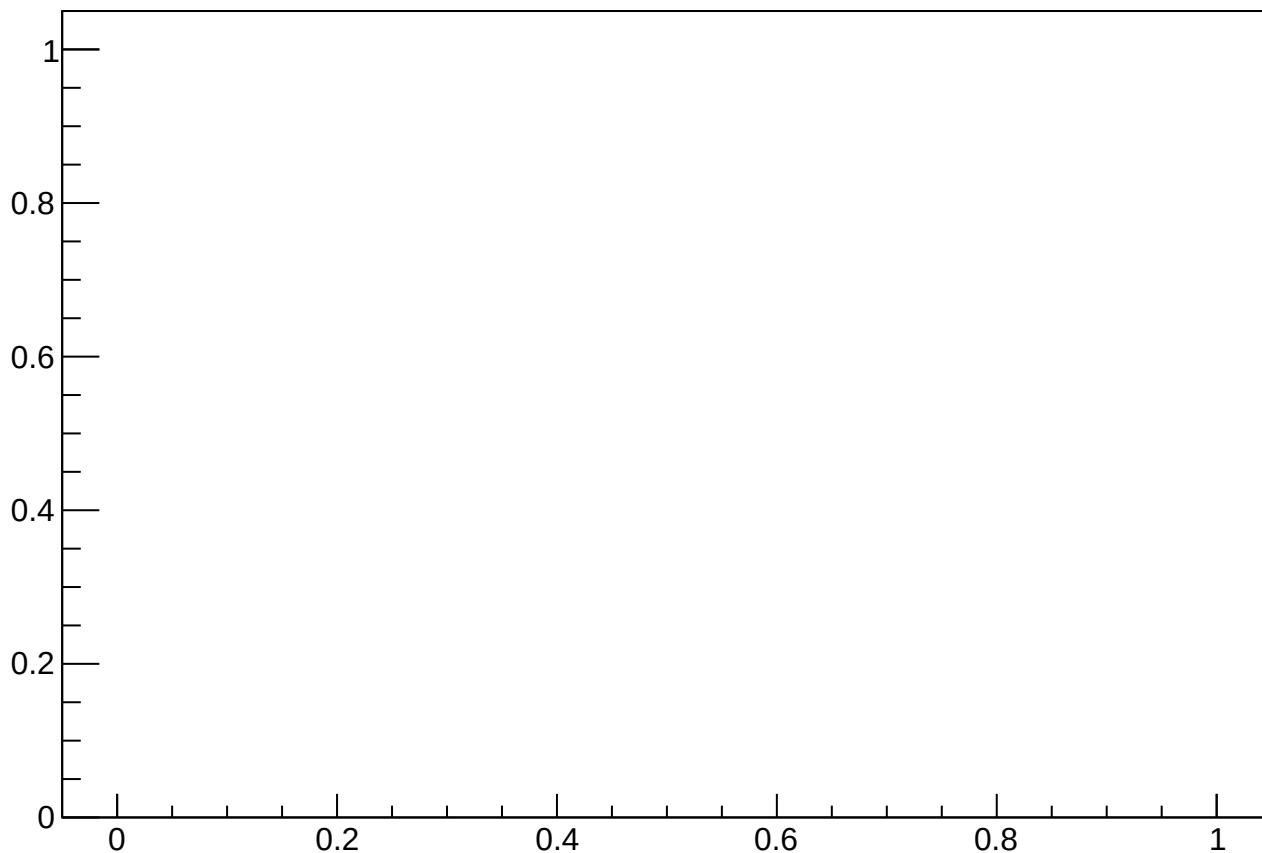
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

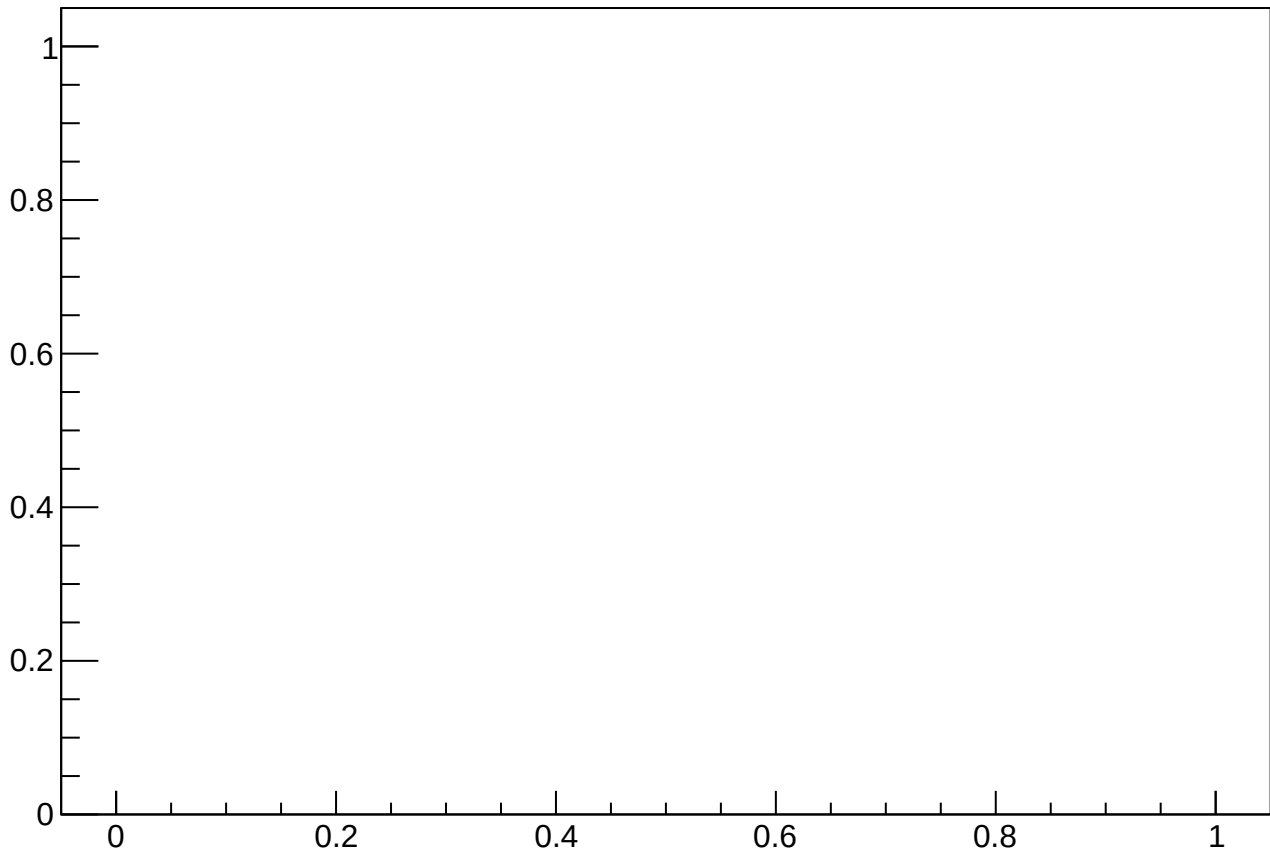
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_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

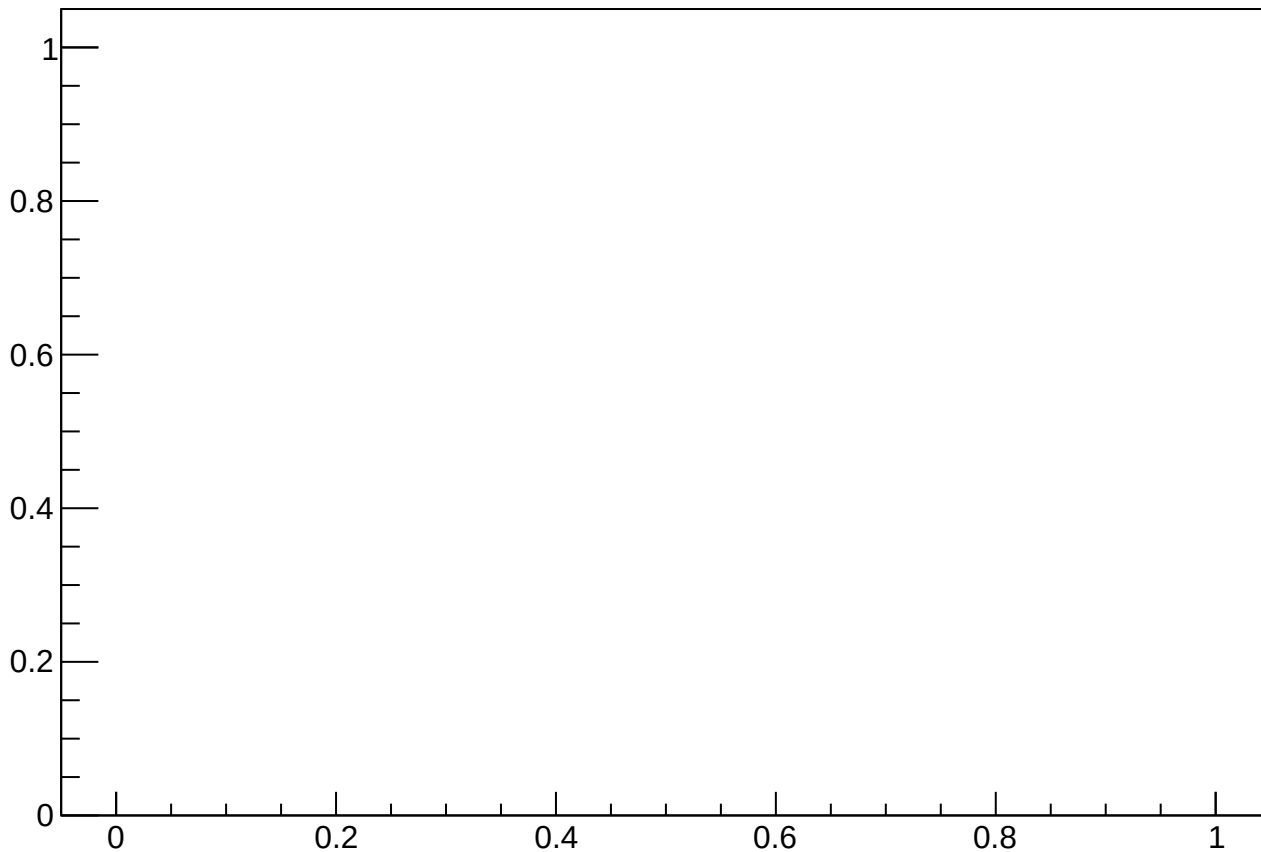
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

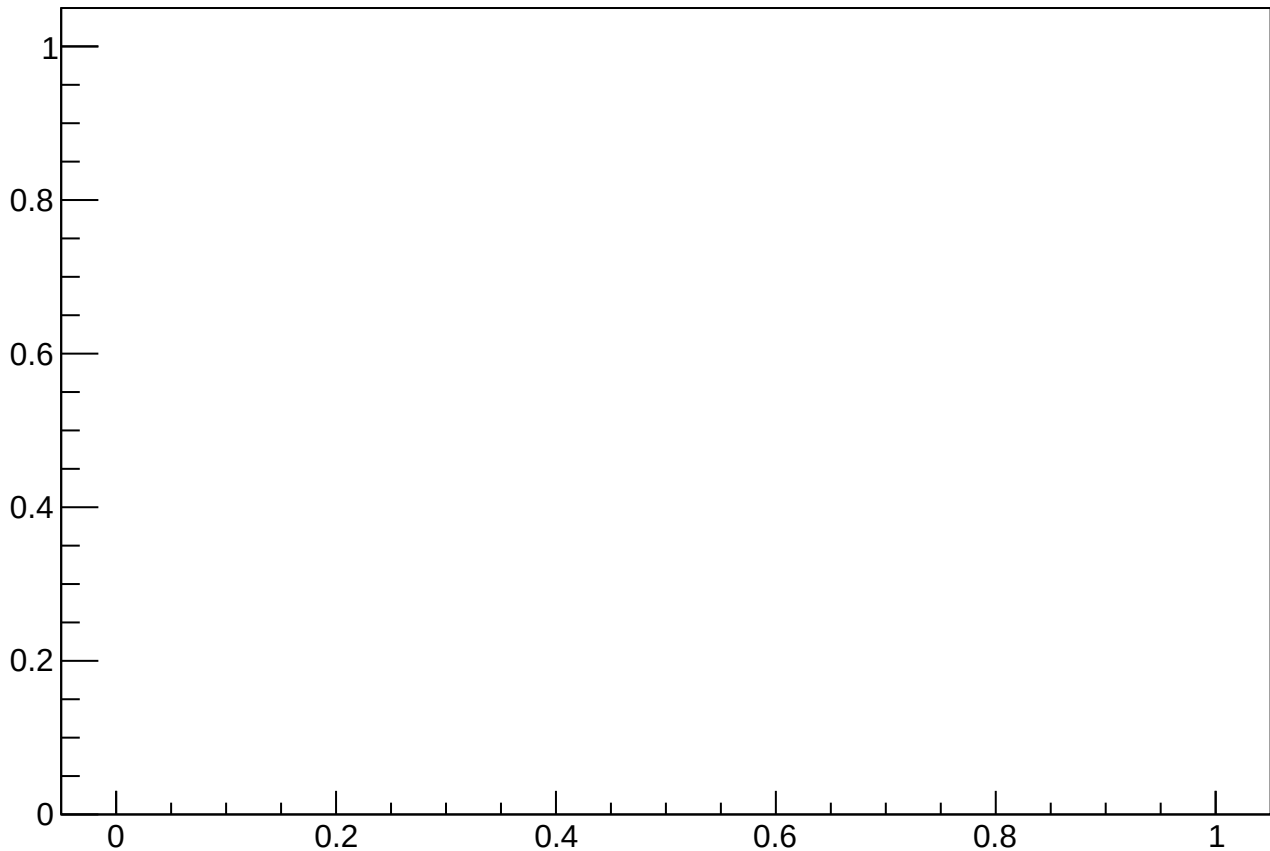
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

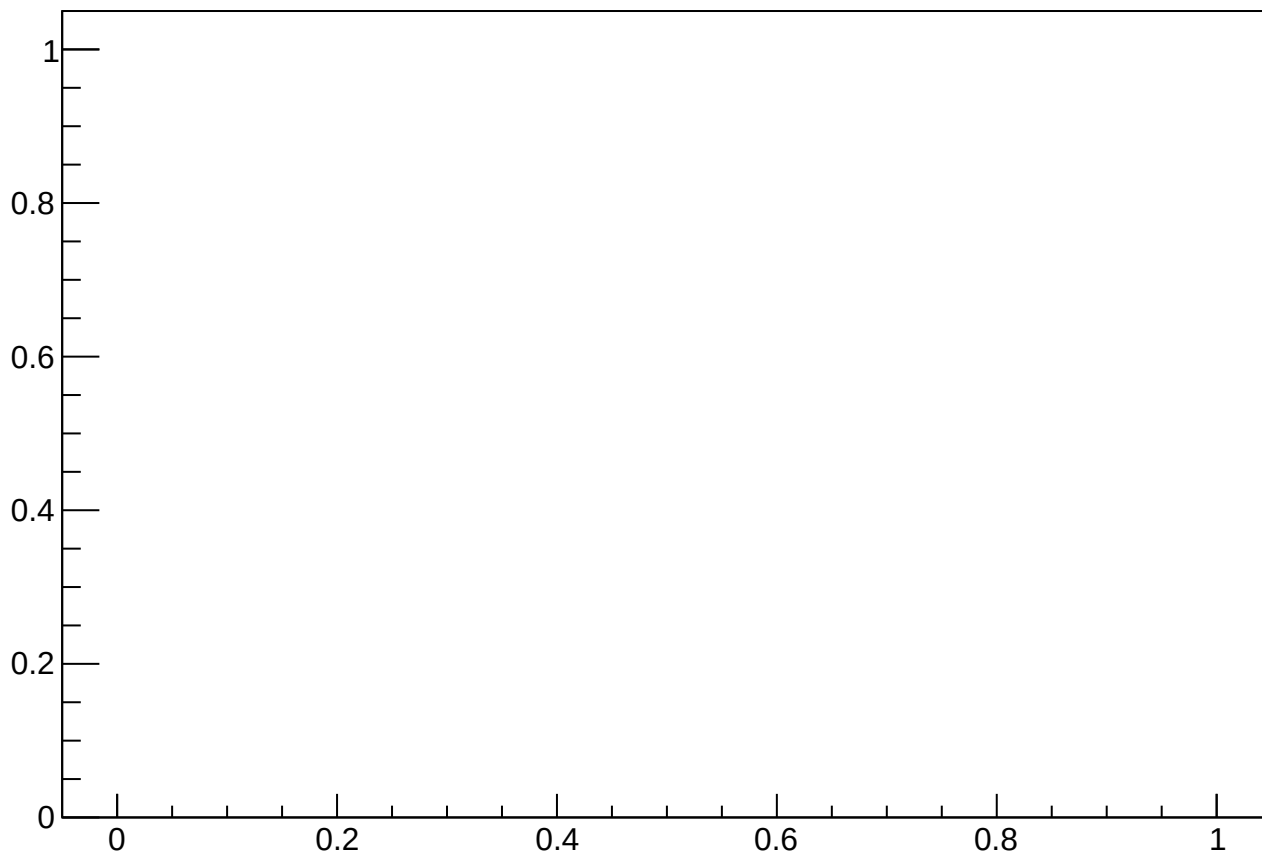
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

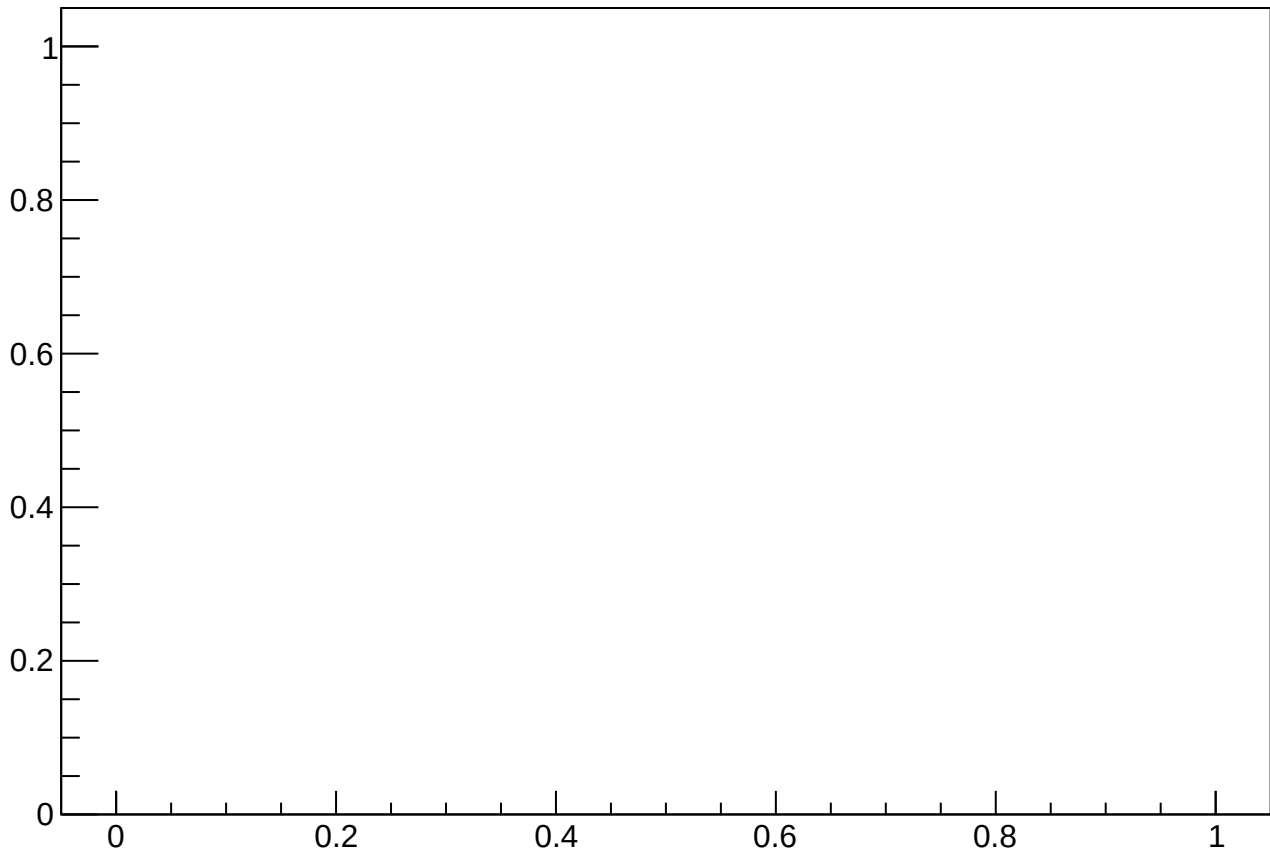
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

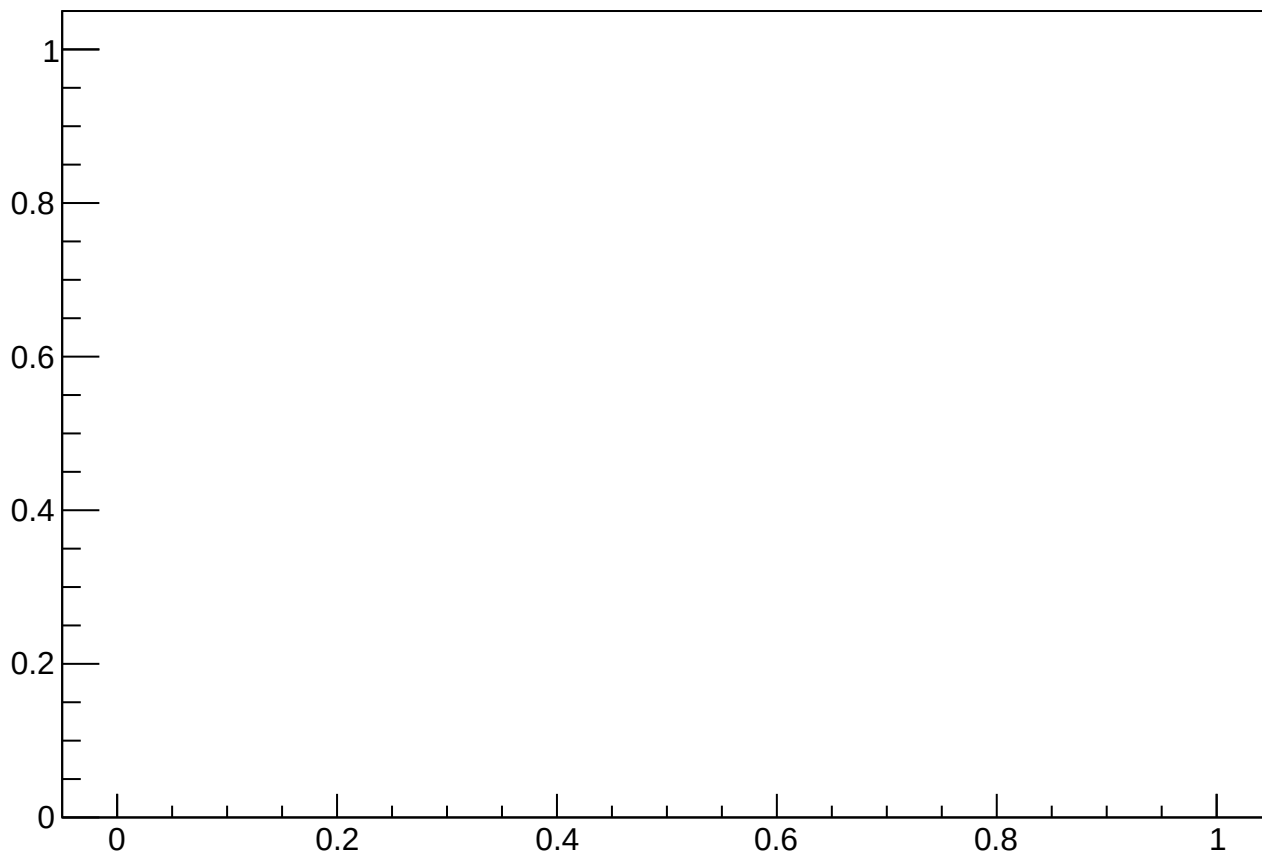
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

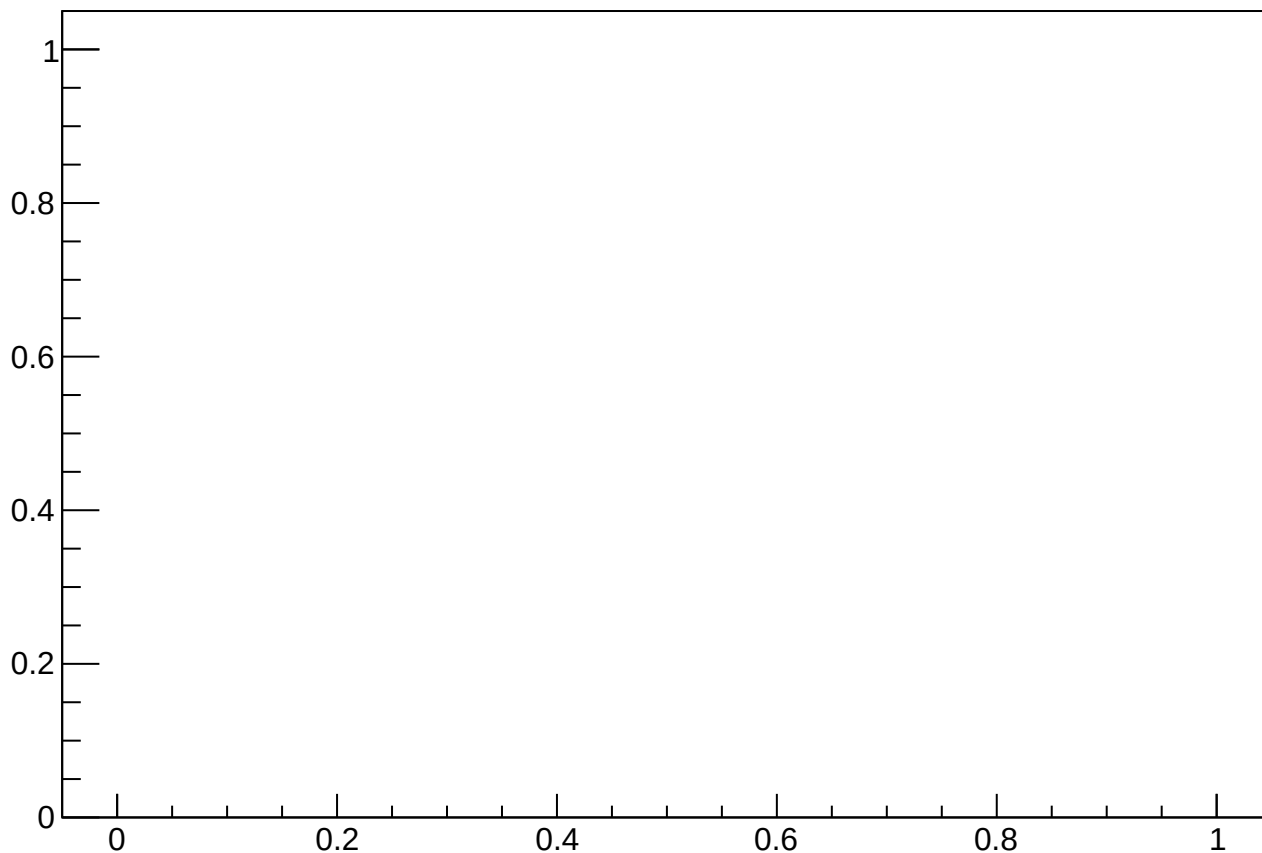
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

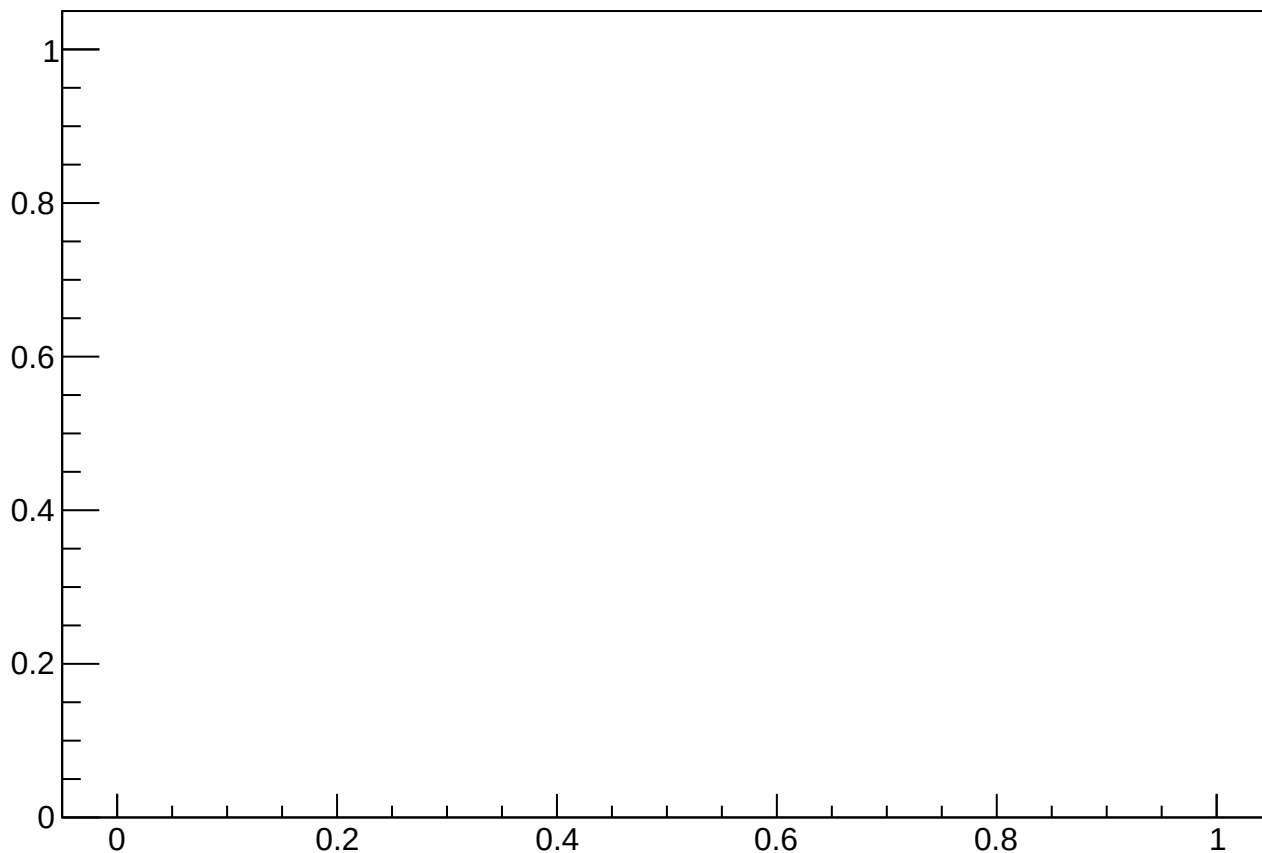
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

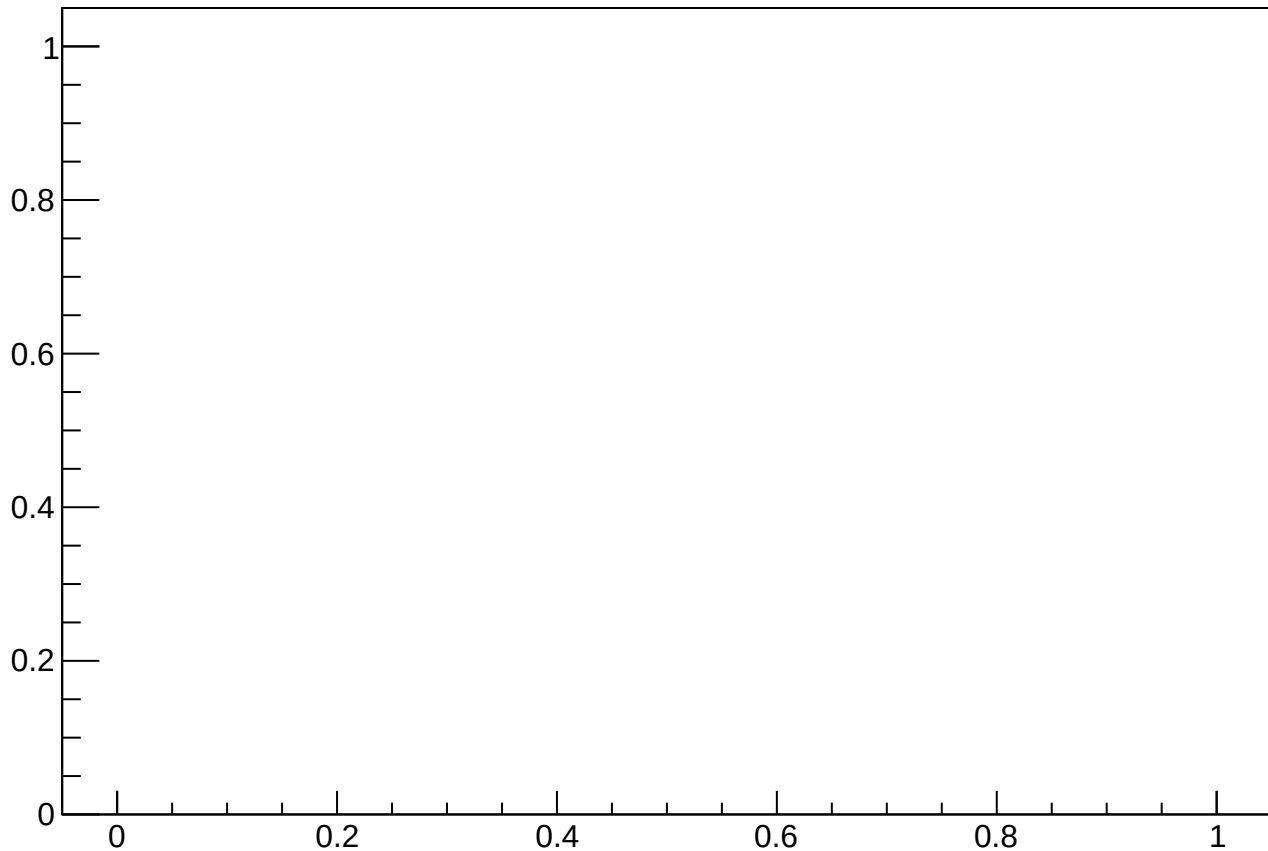
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

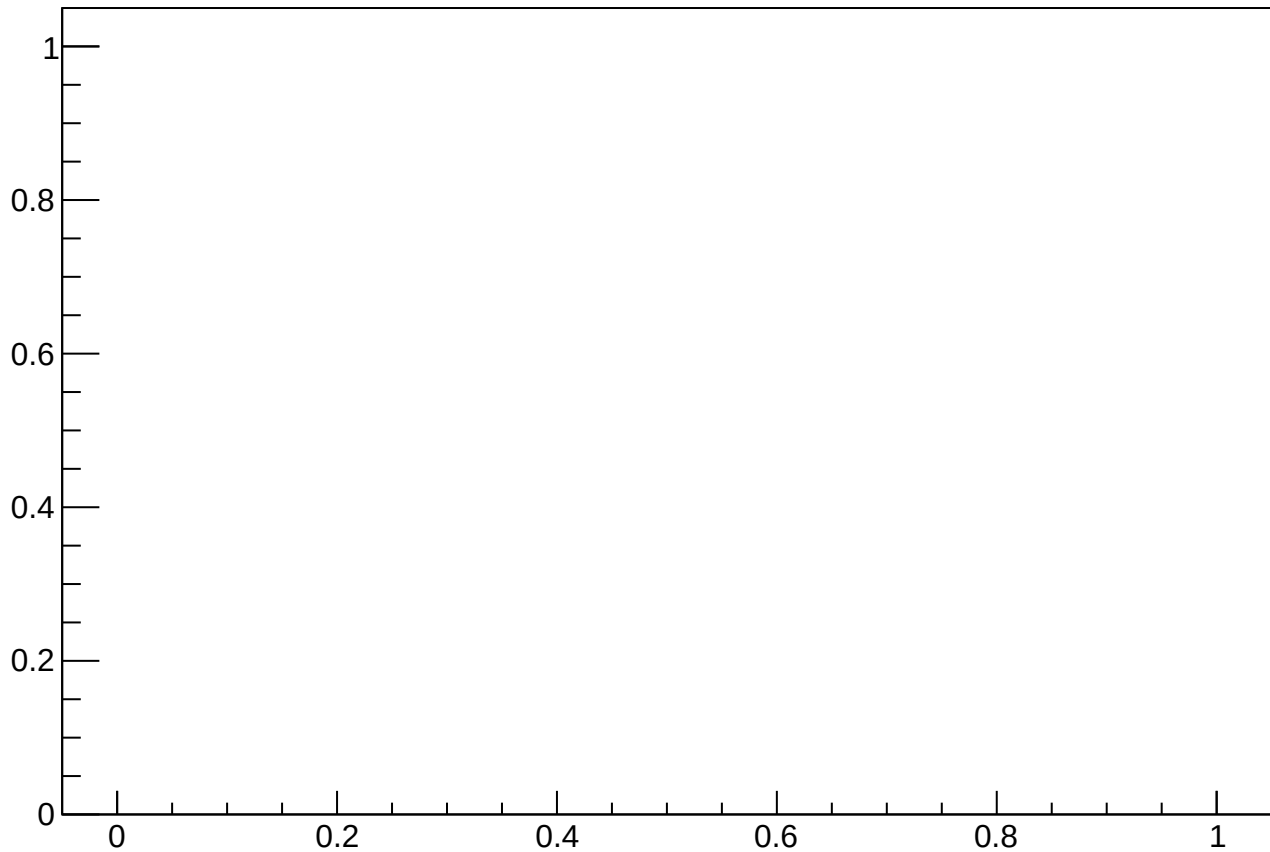
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

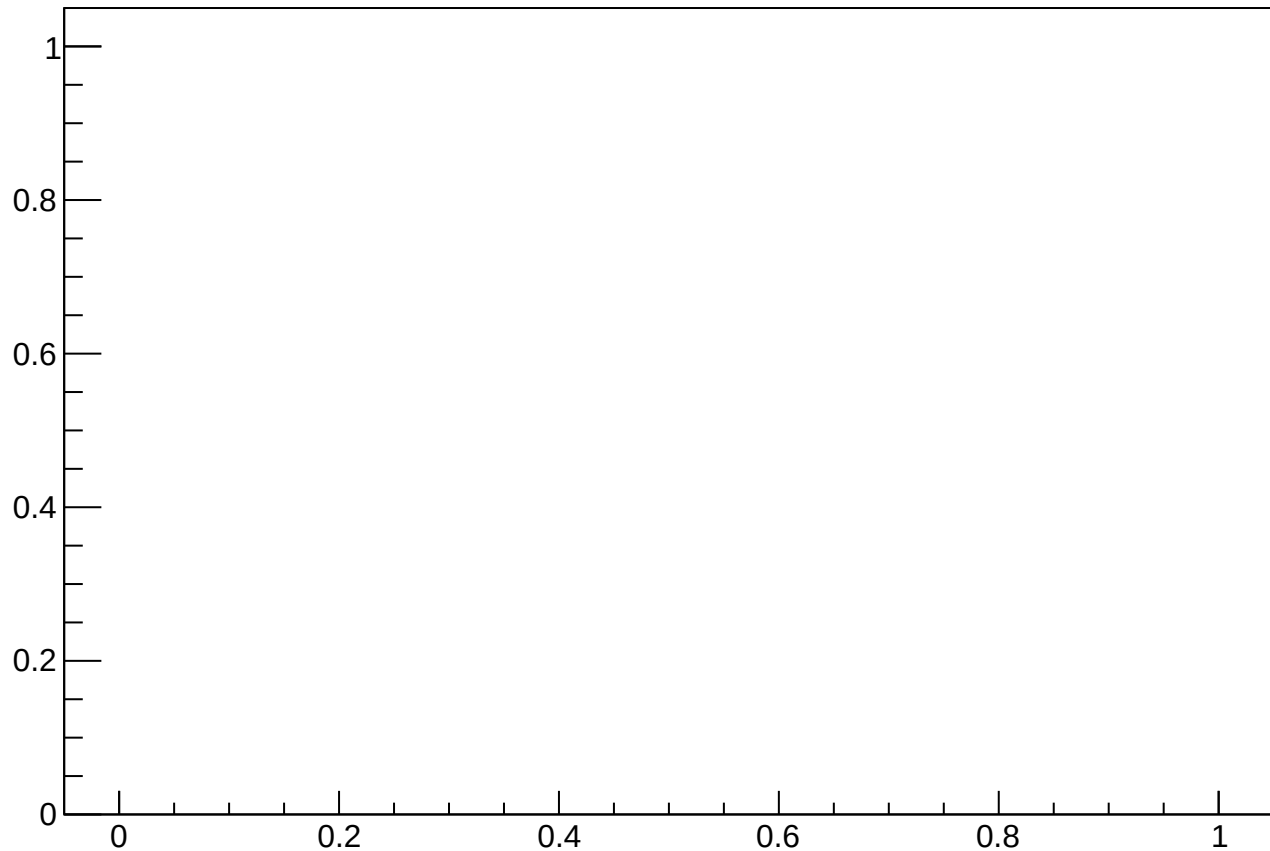
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

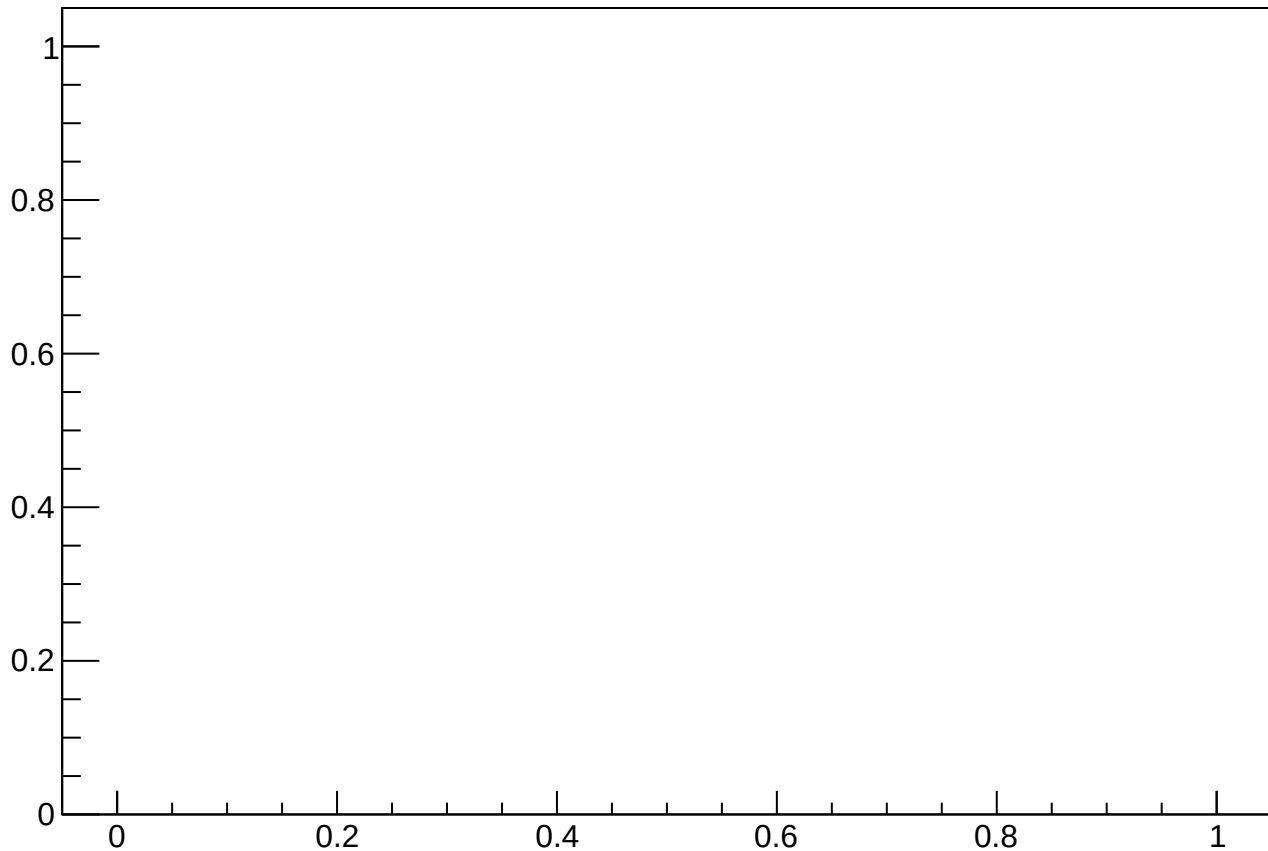
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

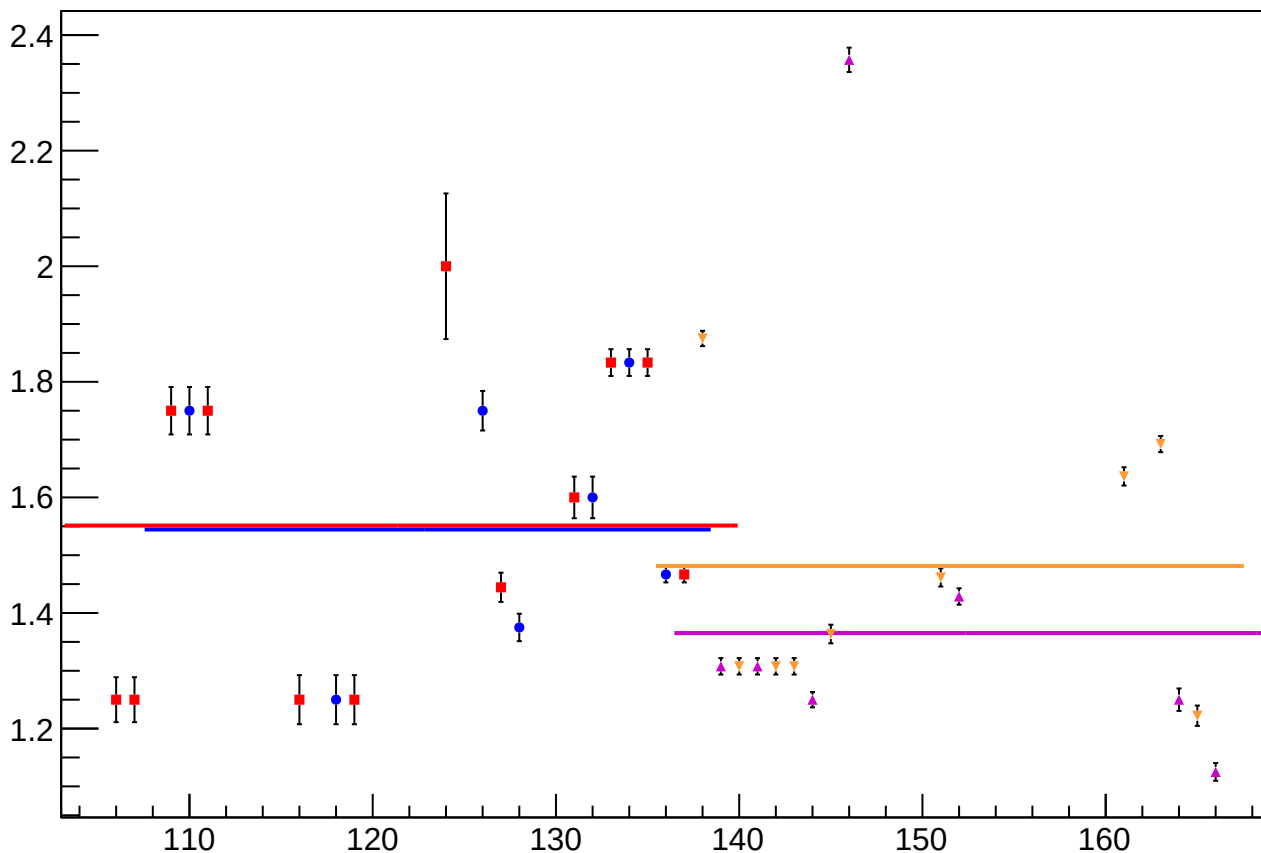
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.365 $\pm$ 0.006 χ^2/NDF :2626.9/6

Left: 1.432 $\pm$ 0.004 χ^2/NDF : 4785.4/15

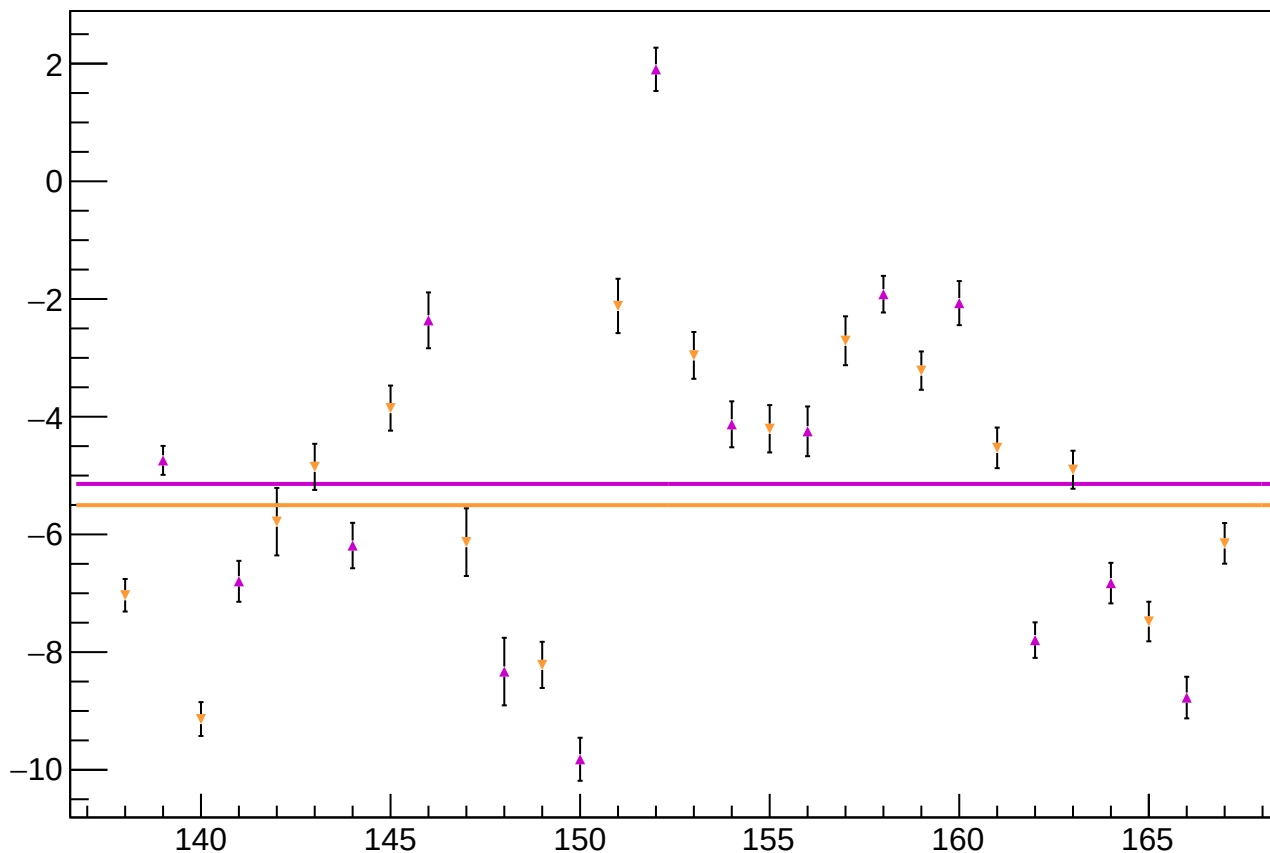
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.416 $\pm$ 0.005 χ^2/NDF :3246.1/13

Out: 1.500 $\pm$ 0.004 χ^2/NDF :2614.4/20

All: 1.464 $\pm$ 0.003 χ^2/NDF : 6029.2/34

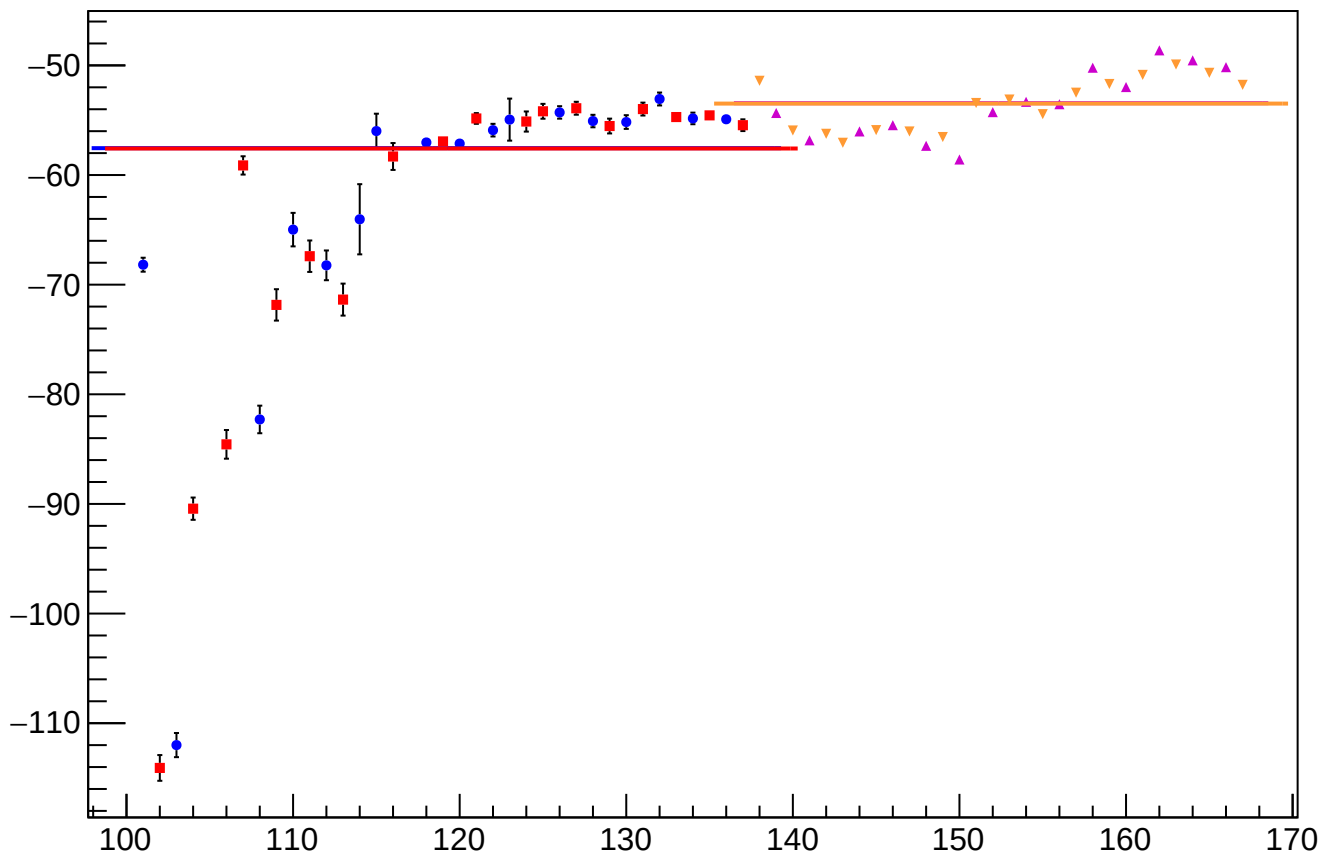
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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: -5.142 ± 0.095 $\chi^2/\text{NDF}: 1019.9/13$

Left: -5.329 ± 0.066 $\chi^2/\text{NDF}: 1536.8/29$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -5.142 ± 0.095 $\chi^2/\text{NDF}: 1019.9/13$
 Out: -5.503 ± 0.092 $\chi^2/\text{NDF}: 509.4/15$
 All: -5.329 ± 0.066 $\chi^2/\text{NDF}: 1536.8/29$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -53.484 $\pm$ 0.069 χ^2 /NDF:1194.4/15

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -53.447 $\pm$ 0.073 χ^2 /NDF:1872.2/13

Left: -53.467 $\pm$ 0.050 χ^2 /NDF: 3066.7/29

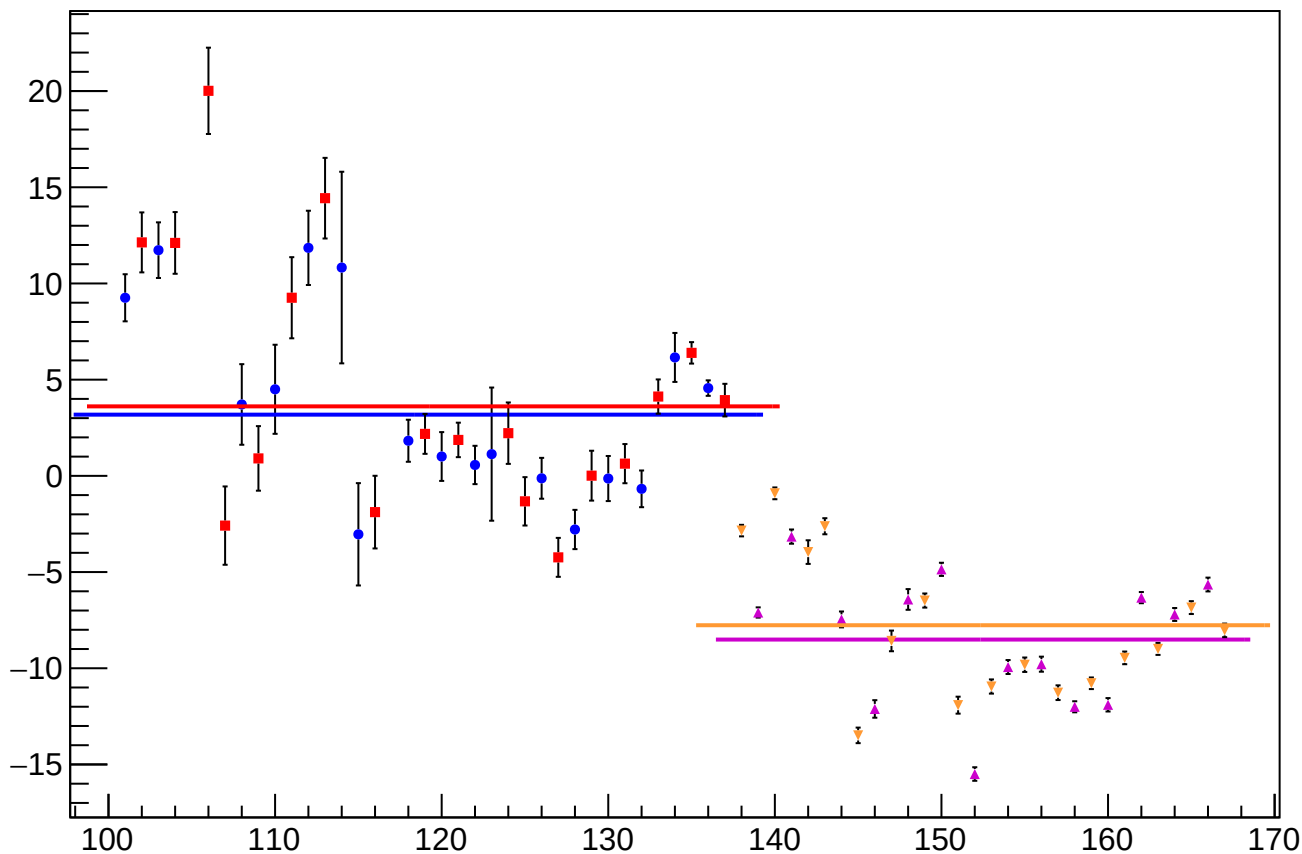
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -54.310 $\pm$ 0.065 χ^2 /NDF:5995.5/30

Out: -54.254 $\pm$ 0.062 χ^2 /NDF:6205.3/33

All: -54.281 $\pm$ 0.045 χ^2 /NDF: 12201.2/64

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.764 ± 0.091 $\chi^2/\text{NDF}: 1599.1/15$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.509 ± 0.093 $\chi^2/\text{NDF}: 1232.1/13$

Left: -8.127 ± 0.065 $\chi^2/\text{NDF}: 2864.0/29$

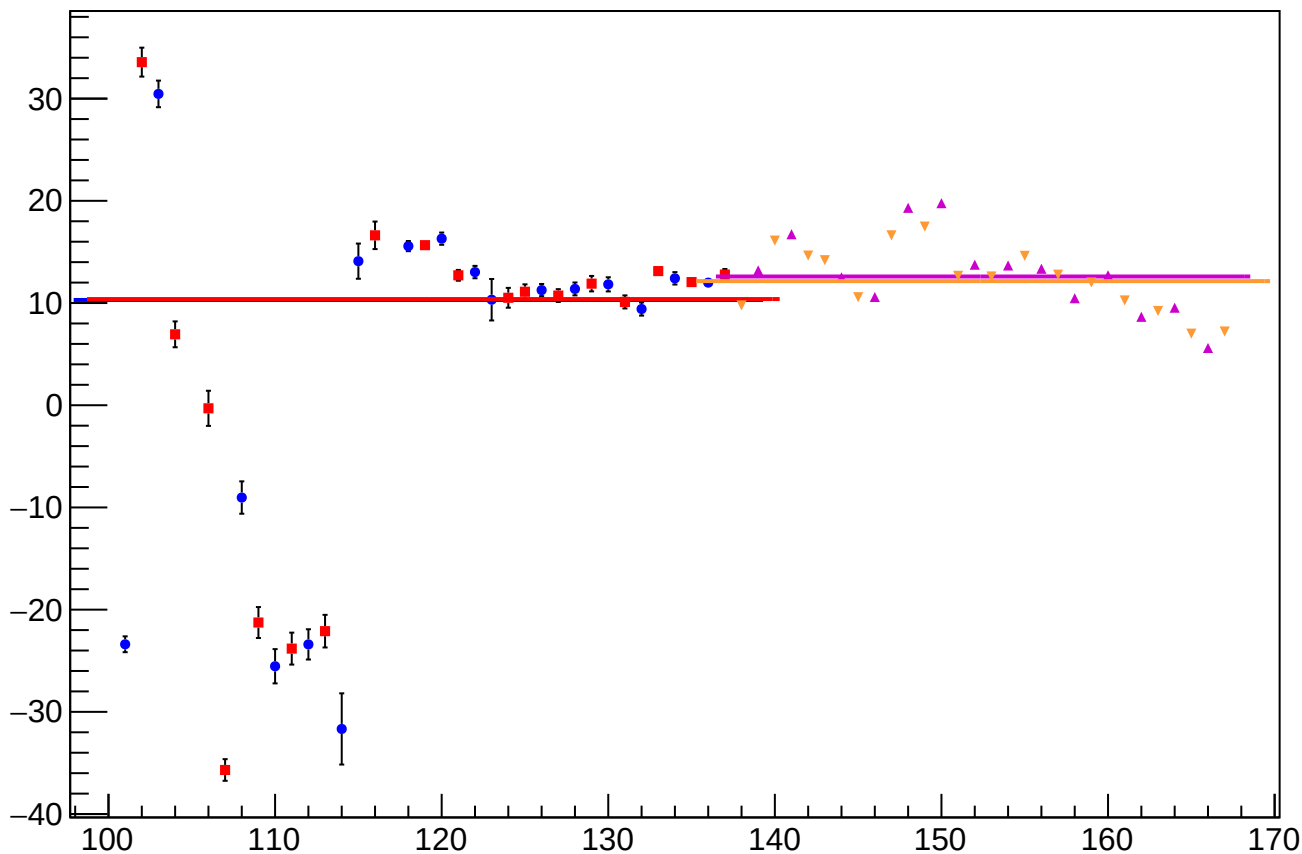
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.159 ± 0.088 $\chi^2/\text{NDF}: 3233.3/30$

Out: -6.588 ± 0.086 $\chi^2/\text{NDF}: 3505.5/33$

All: -6.868 ± 0.061 $\chi^2/\text{NDF}: 6760.3/64$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 12.144 ± 0.078 χ^2/NDF : 1519.2/15

Right Out: 10.388 ± 0.160 χ^2/NDF : 3786.4/17

Left In: 12.596 ± 0.082 χ^2/NDF : 2007.0/13

Left: 12.359 ± 0.057 χ^2/NDF : 3542.2/29

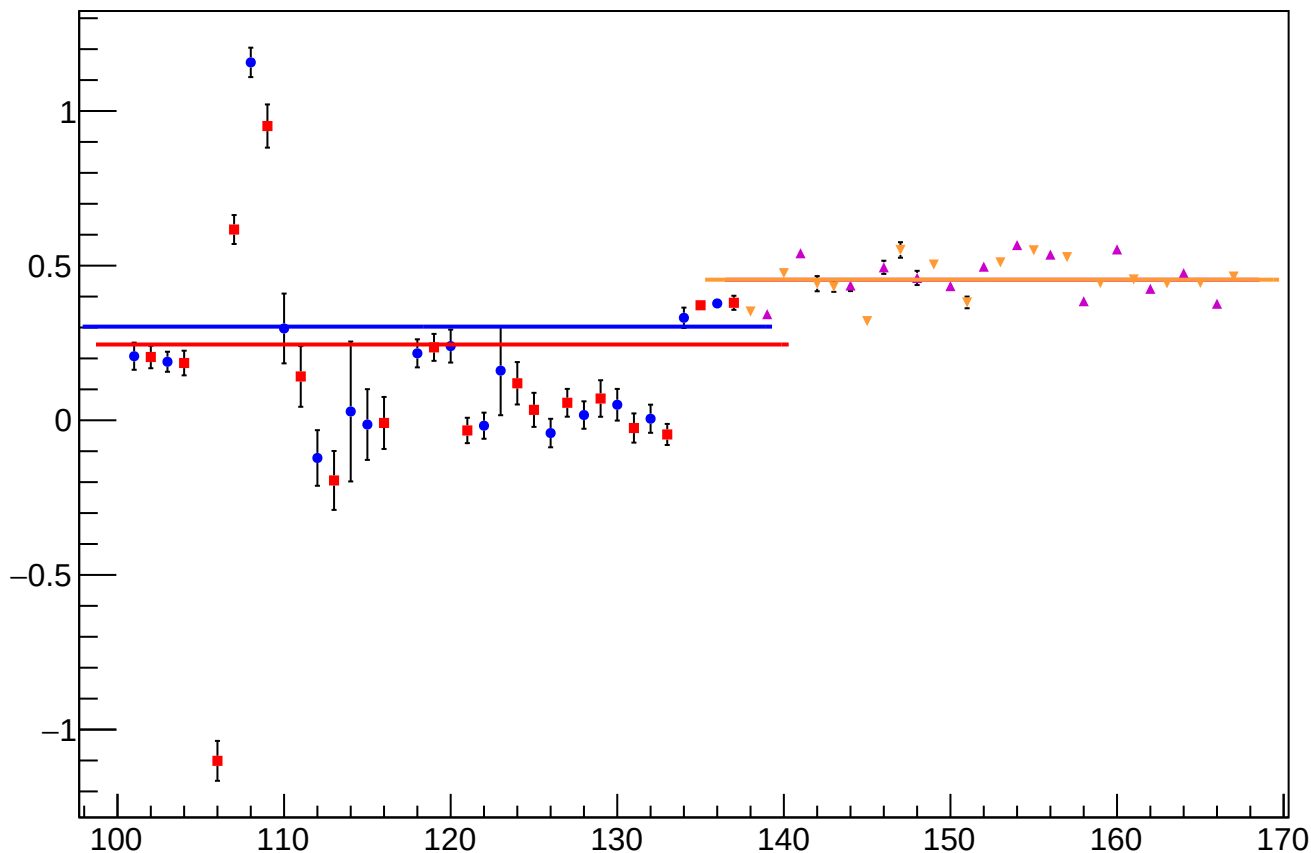
Right: 10.344 ± 0.112 χ^2/NDF : 7485.9/34

In: 12.102 ± 0.073 χ^2/NDF : 5874.2/30

Out: 11.805 ± 0.070 χ^2/NDF : 5403.0/33

All: 11.948 ± 0.051 χ^2/NDF : 11285.8/64

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.455 $\pm$ 0.004 χ^2 /NDF:301.9/15

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.454 $\pm$ 0.004 χ^2 /NDF:444.2/13

Left: 0.454 $\pm$ 0.003 χ^2 /NDF: 746.2/29

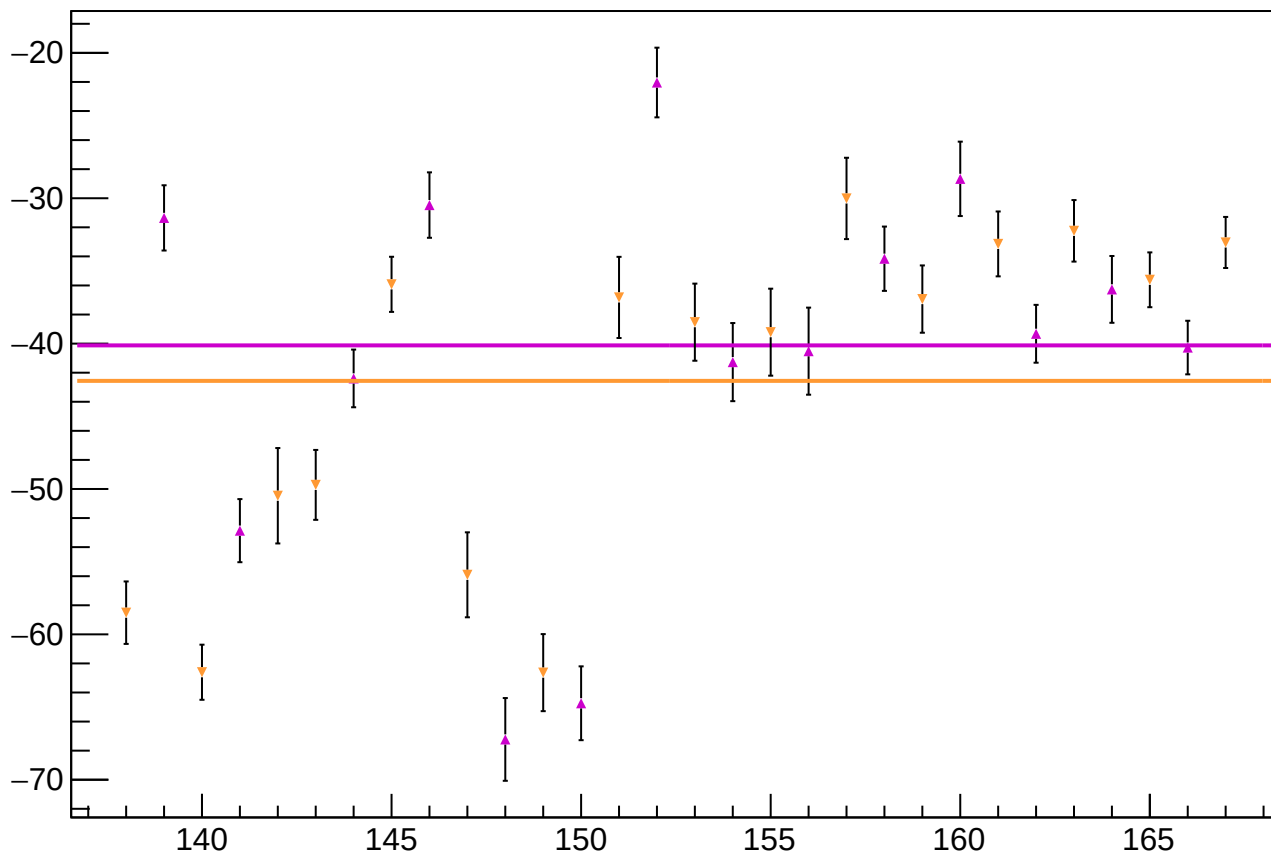
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.430 $\pm$ 0.003 χ^2 /NDF:1377.7/30

Out: 0.424 $\pm$ 0.003 χ^2 /NDF:1773.3/33

All: 0.427 $\pm$ 0.002 χ^2 /NDF: 3152.6/64

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.563+/-0.575 χ^2/NDF :390.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.122+/-0.613 χ^2/NDF :341.6/13

Left: -41.421+/-0.419 χ^2/NDF : 740.4/29

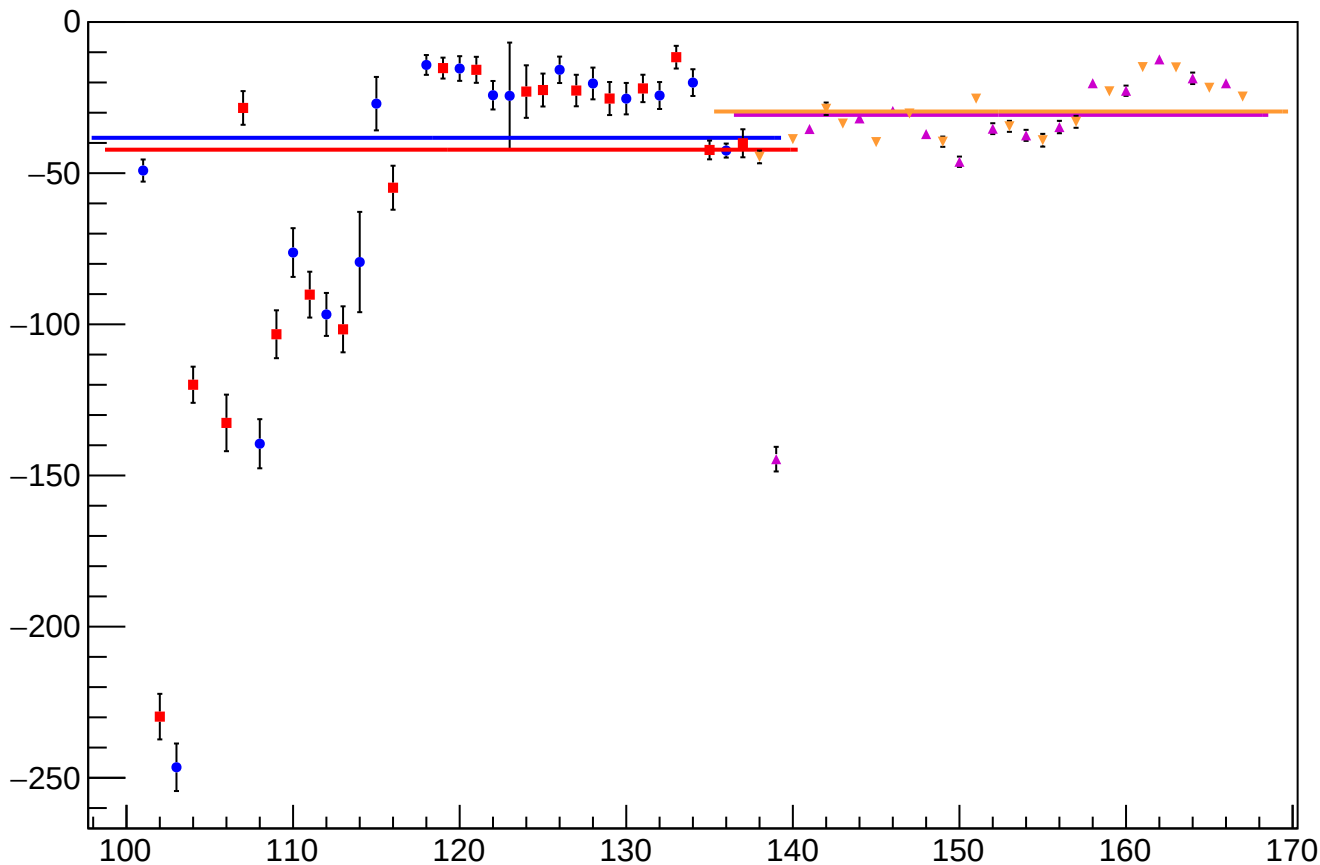
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.122+/-0.613 χ^2/NDF :341.6/13

Out: -42.563+/-0.575 χ^2/NDF :390.4/15

All: -41.421+/-0.419 χ^2/NDF : 740.4/29

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -29.602 ± 0.419 $\chi^2/\text{NDF}: 430.7/15$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -30.717 ± 0.446 $\chi^2/\text{NDF}: 1202.9/13$

Left: -30.123 ± 0.305 $\chi^2/\text{NDF}: 1636.9/29$

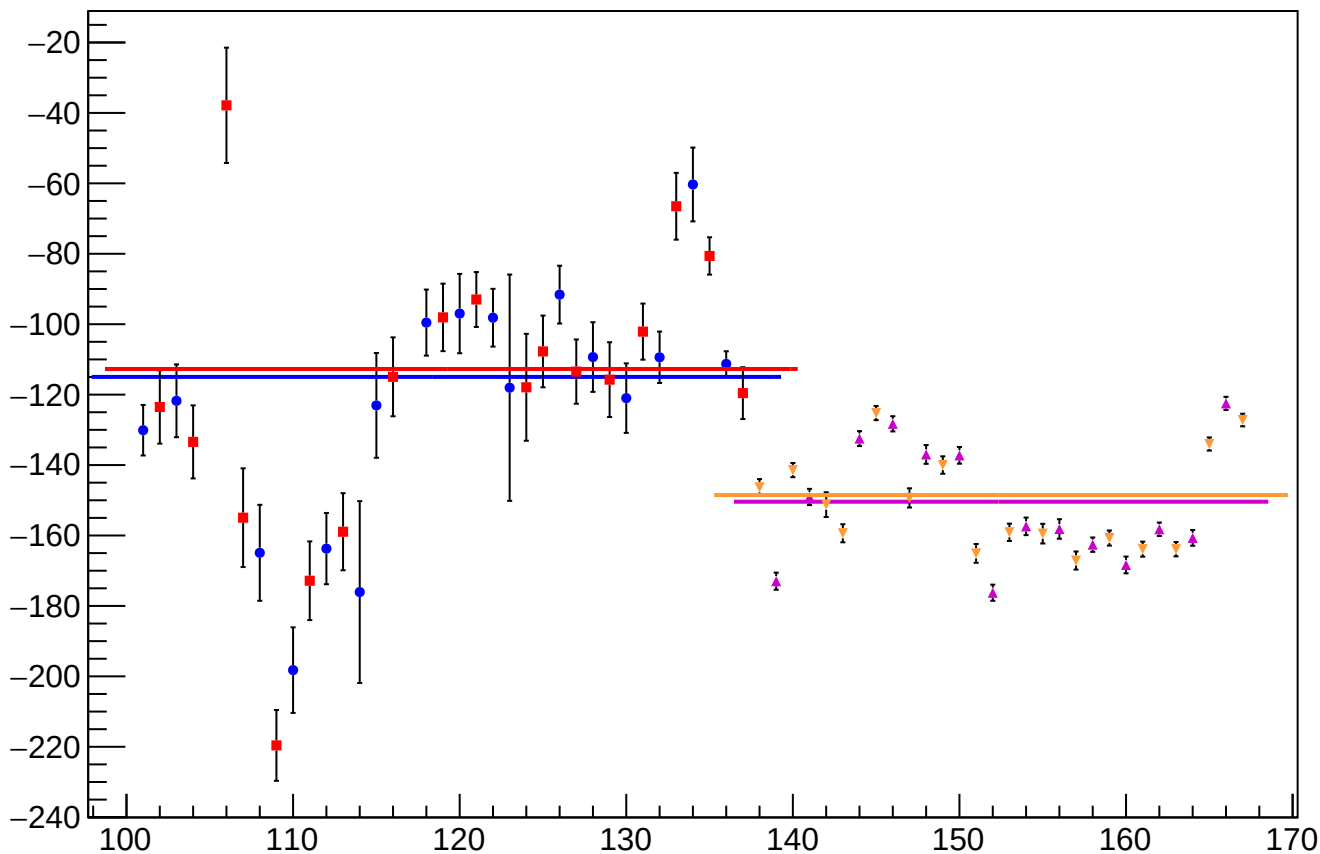
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -31.729 ± 0.416 $\chi^2/\text{NDF}: 2374.2/30$

Out: -30.952 ± 0.396 $\chi^2/\text{NDF}: 1806.2/33$

All: -31.321 ± 0.287 $\chi^2/\text{NDF}: 4182.2/64$

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: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -150.406 ± 0.601 $\chi^2/\text{NDF}: 814.3/13$

Left: -149.412 ± 0.414 $\chi^2/\text{NDF}: 1462.0/29$

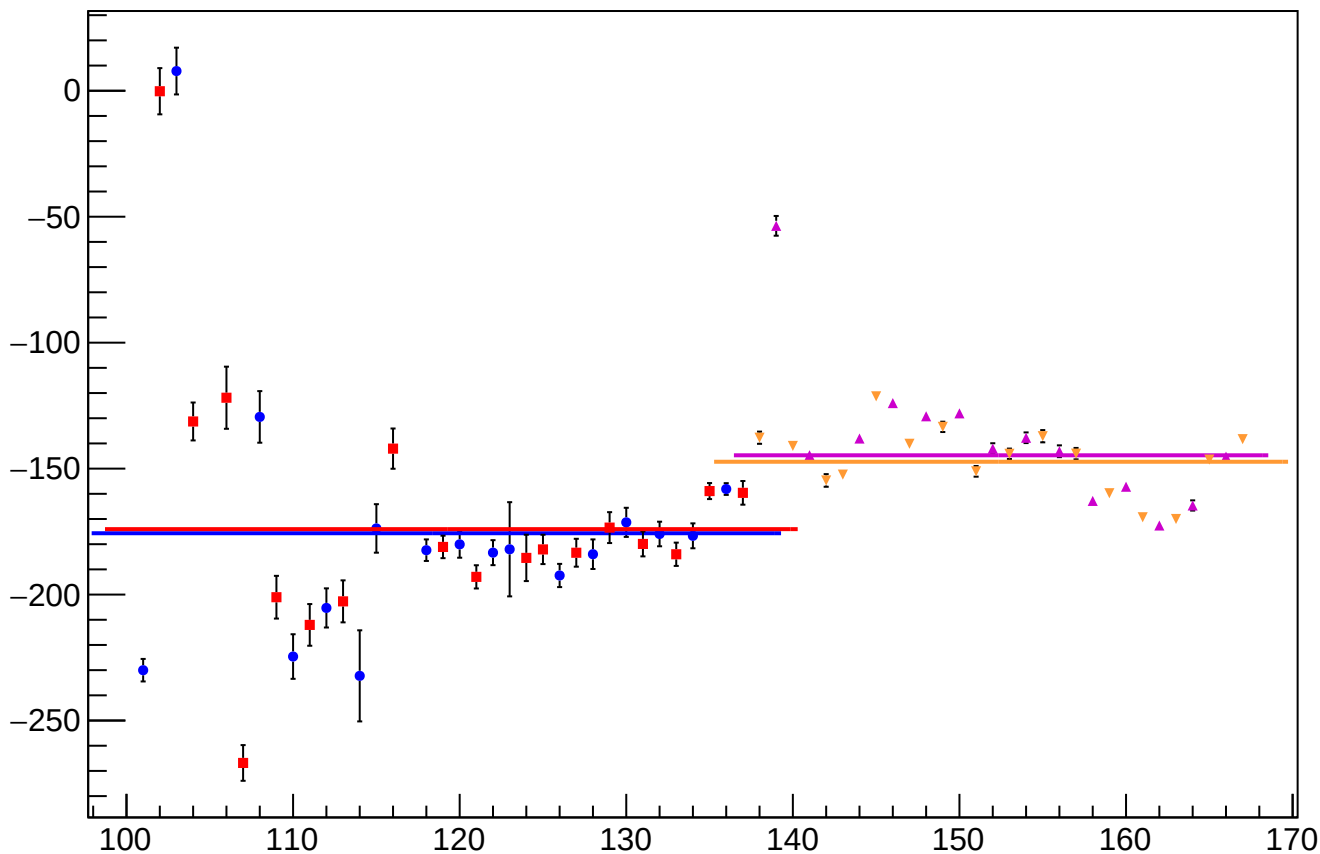
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -147.659 ± 0.578 $\chi^2/\text{NDF}: 1224.9/30$

Out: -146.269 ± 0.553 $\chi^2/\text{NDF}: 1155.5/33$

All: -146.935 ± 0.400 $\chi^2/\text{NDF}: 2383.4/64$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -147.273 ± 0.482 χ^2/NDF : 784.1/15

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -144.710 ± 0.513 χ^2/NDF : 1396.5/13

Left: -146.072 ± 0.351 χ^2/NDF : 2193.8/29

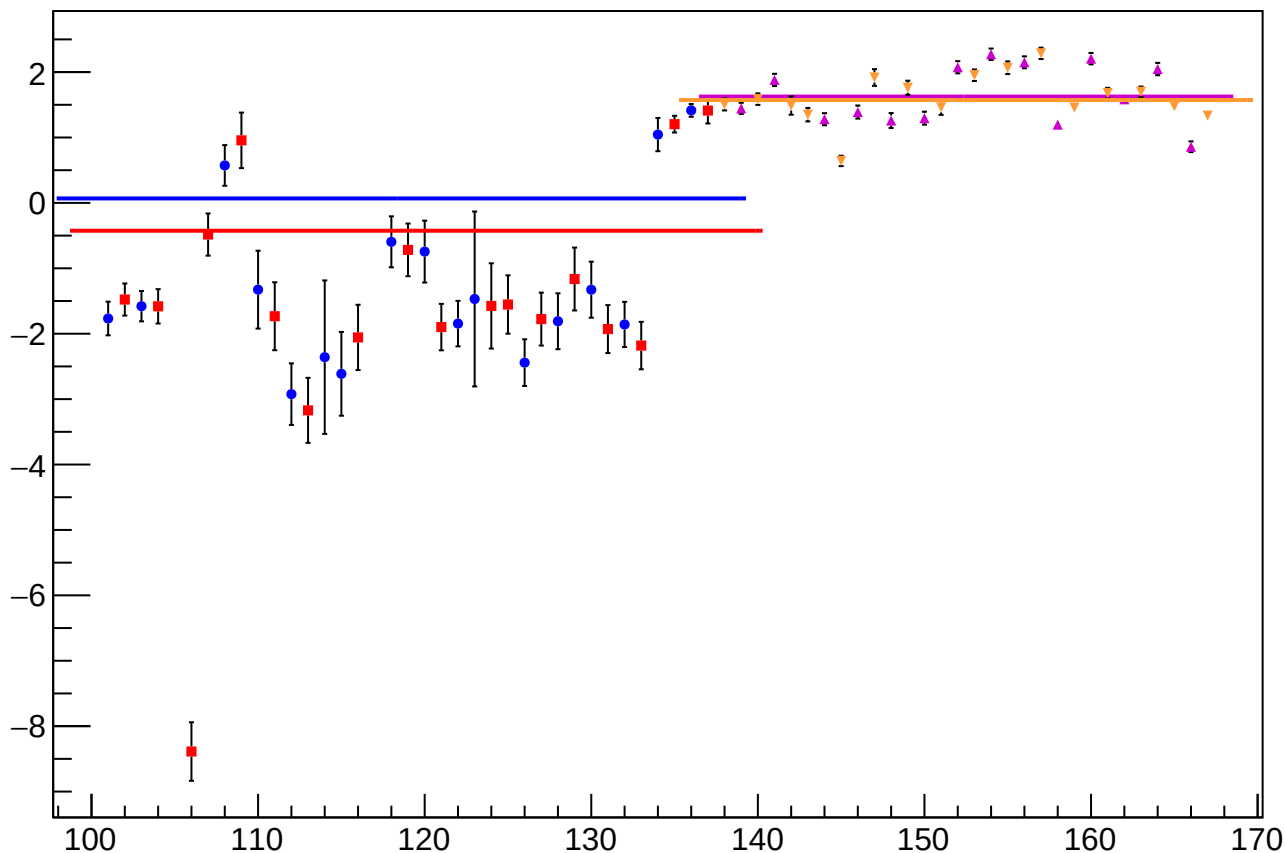
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -149.062 ± 0.476 χ^2/NDF : 2599.4/30

Out: -150.278 ± 0.454 χ^2/NDF : 1833.5/33

All: -149.698 ± 0.329 χ^2/NDF : 4436.3/64

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.573 $\pm$ 0.022 χ^2 /NDF:286.3/15

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.626 $\pm$ 0.024 χ^2 /NDF:349.9/13

Left: 1.598 $\pm$ 0.016 χ^2 /NDF: 638.8/29

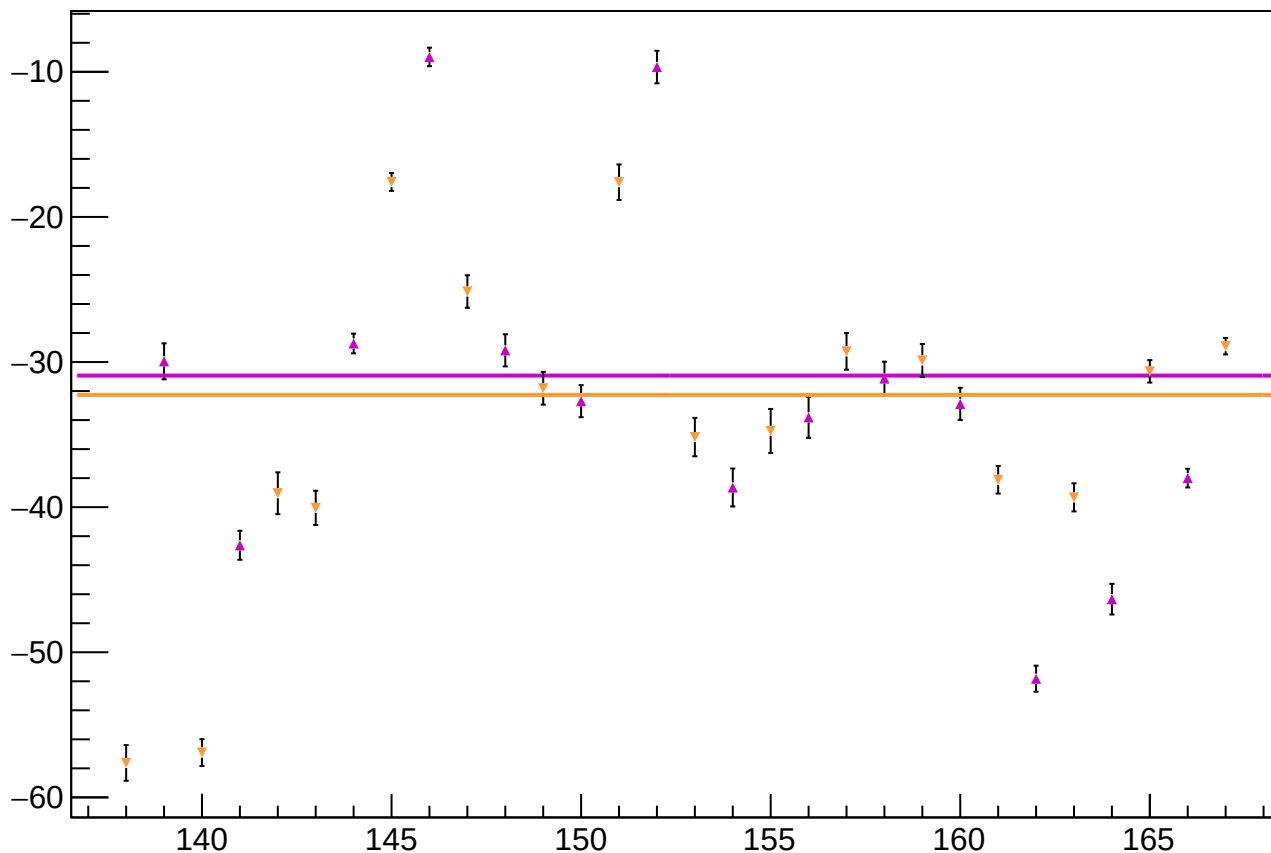
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.452 $\pm$ 0.022 χ^2 /NDF:1355.7/30

Out: 1.392 $\pm$ 0.021 χ^2 /NDF:1744.7/33

All: 1.421 $\pm$ 0.015 χ^2 /NDF: 3104.0/64

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: -30.934 $\pm$ 0.251 χ^2/NDF :2612.3/13

Left: -31.627 $\pm$ 0.174 χ^2/NDF : 4730.0/29

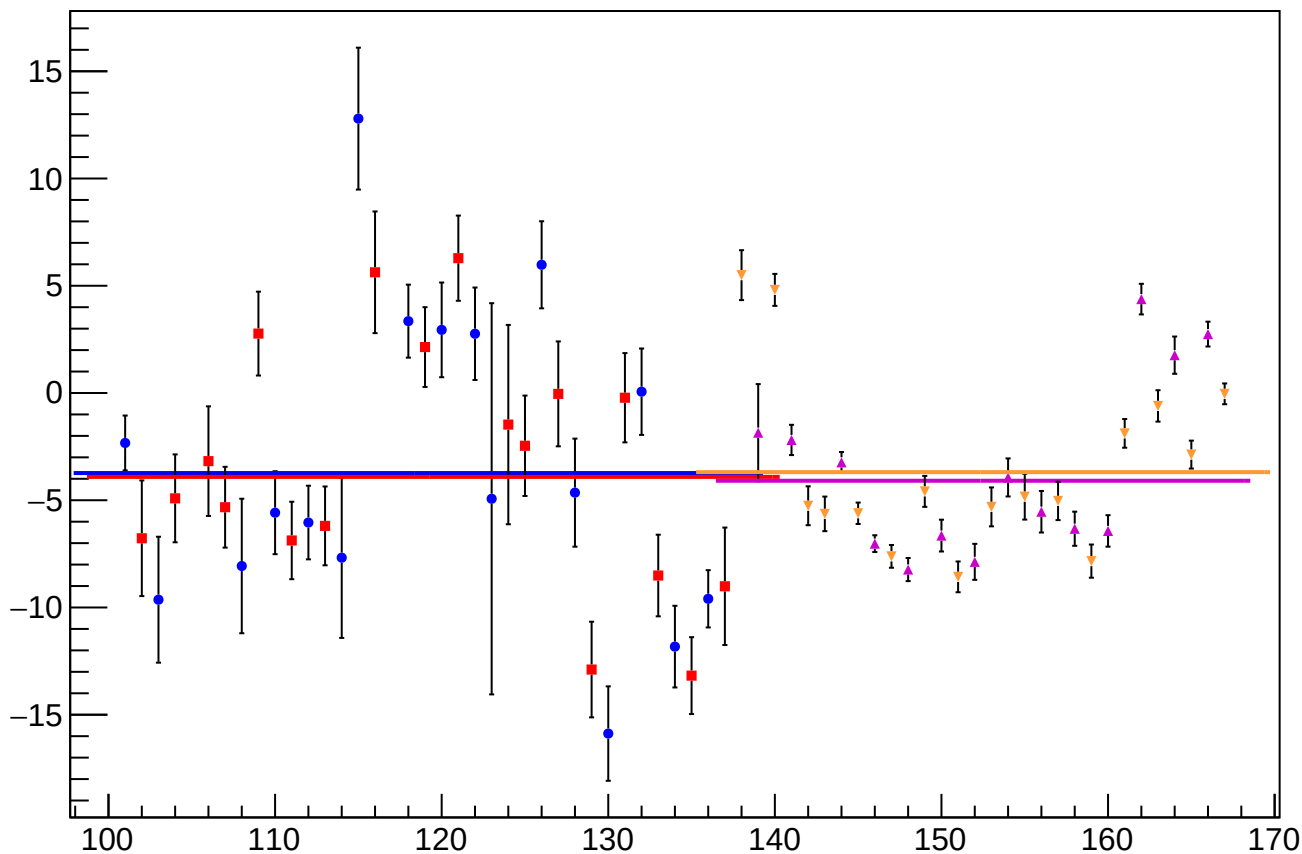
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -30.934 $\pm$ 0.251 χ^2/NDF :2612.3/13

Out: -32.264 $\pm$ 0.241 χ^2/NDF :2103.0/15

All: -31.627 $\pm$ 0.174 χ^2/NDF : 4730.0/29

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -3.690 ± 0.176 $\chi^2/\text{NDF}: 437.1/15$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -4.091 ± 0.177 $\chi^2/\text{NDF}: 505.0/13$

Left: -3.888 ± 0.125 $\chi^2/\text{NDF}: 944.7/29$

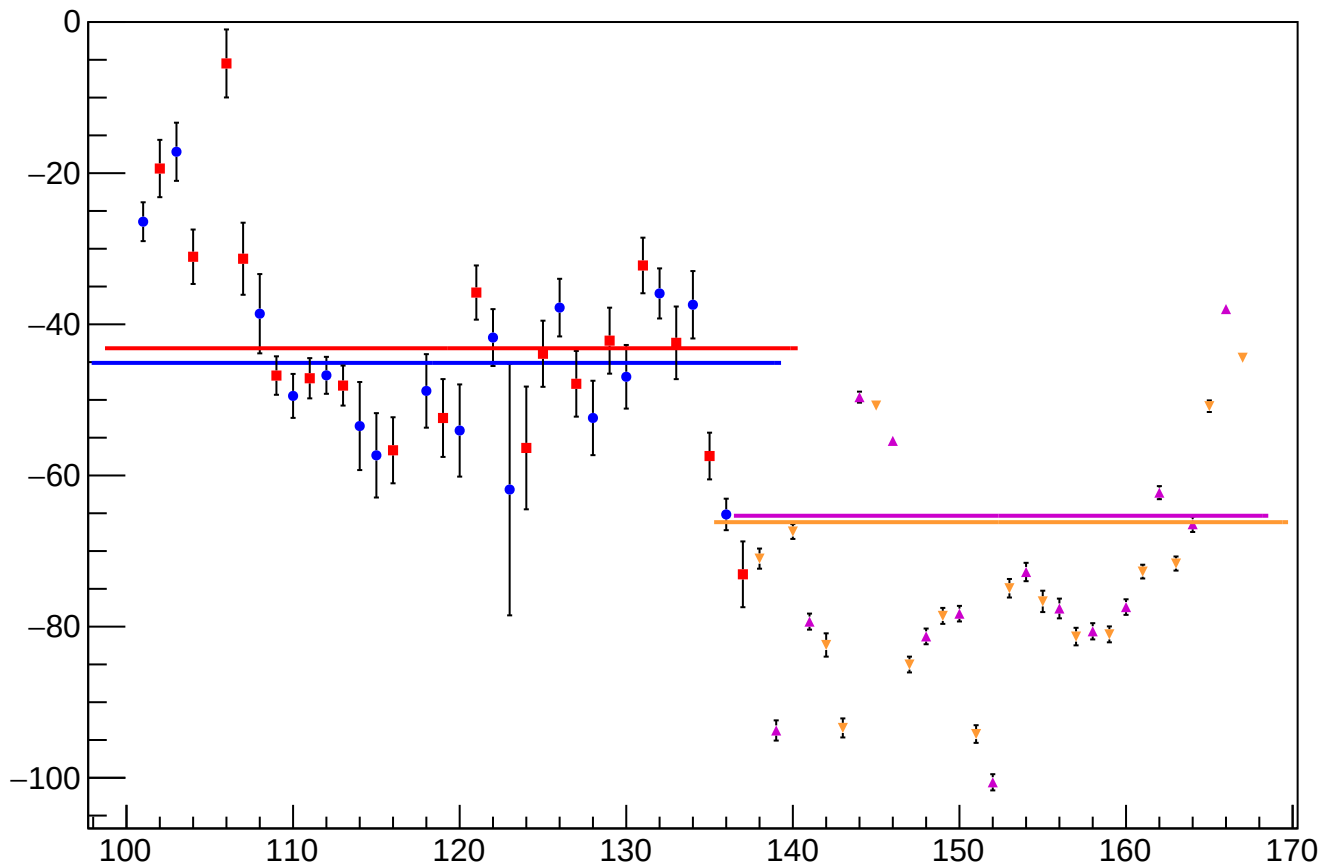
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -4.050 ± 0.167 $\chi^2/\text{NDF}: 671.3/30$

Out: -3.714 ± 0.166 $\chi^2/\text{NDF}: 562.0/33$

All: -3.881 ± 0.118 $\chi^2/\text{NDF}: 1235.4/64$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -66.177 ± 0.240 χ^2/NDF : 4550.8/15

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -65.329 ± 0.247 χ^2/NDF : 5049.2/13

Left: -65.765 ± 0.172 χ^2/NDF : 9606.1/29

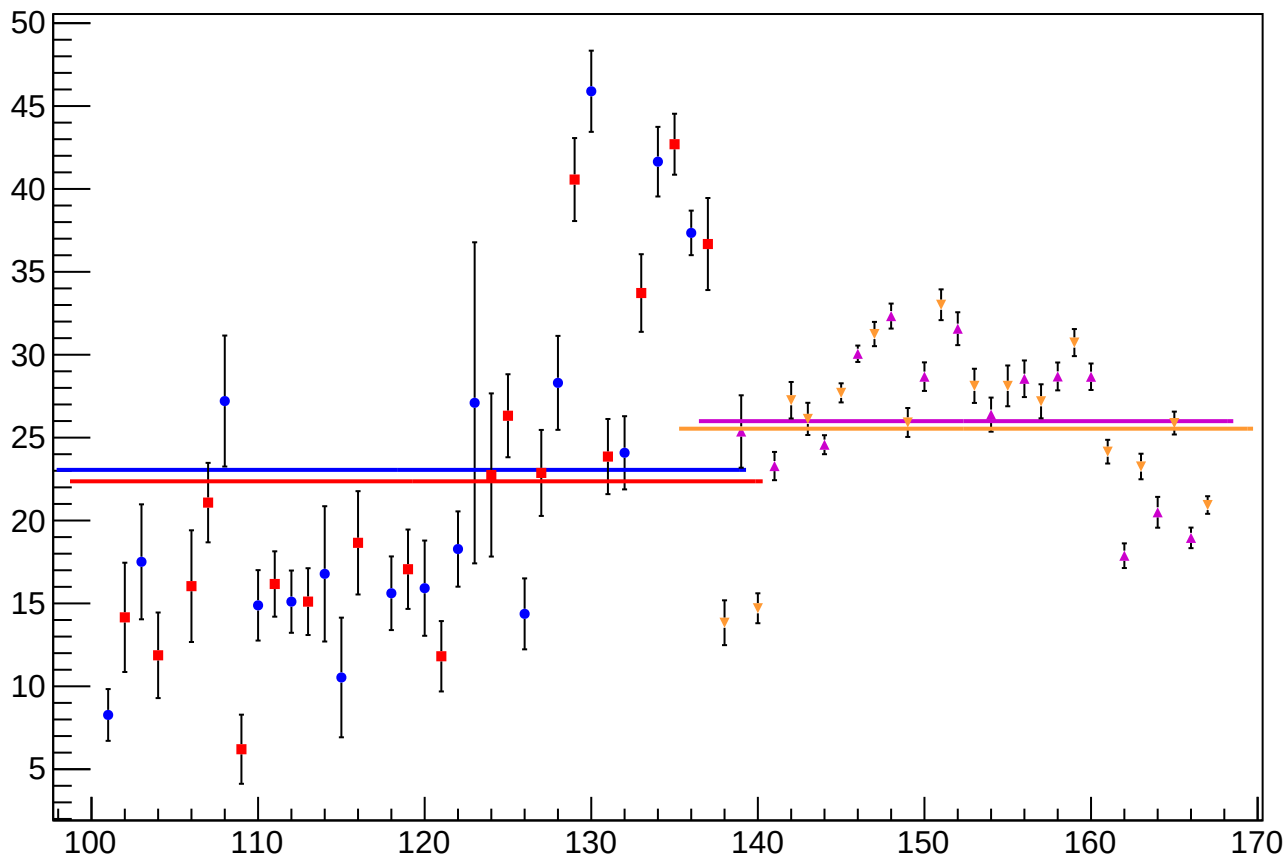
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -63.861 ± 0.238 χ^2/NDF : 5766.9/30

Out: -64.581 ± 0.232 χ^2/NDF : 5421.1/33

All: -64.230 ± 0.166 χ^2/NDF : 11192.8/64

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 25.539 $\pm$ 0.203 χ^2 /NDF:503.4/15

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 25.994 $\pm$ 0.208 χ^2 /NDF:505.5/13

Left: 25.761 $\pm$ 0.145 χ^2 /NDF: 1011.4/29

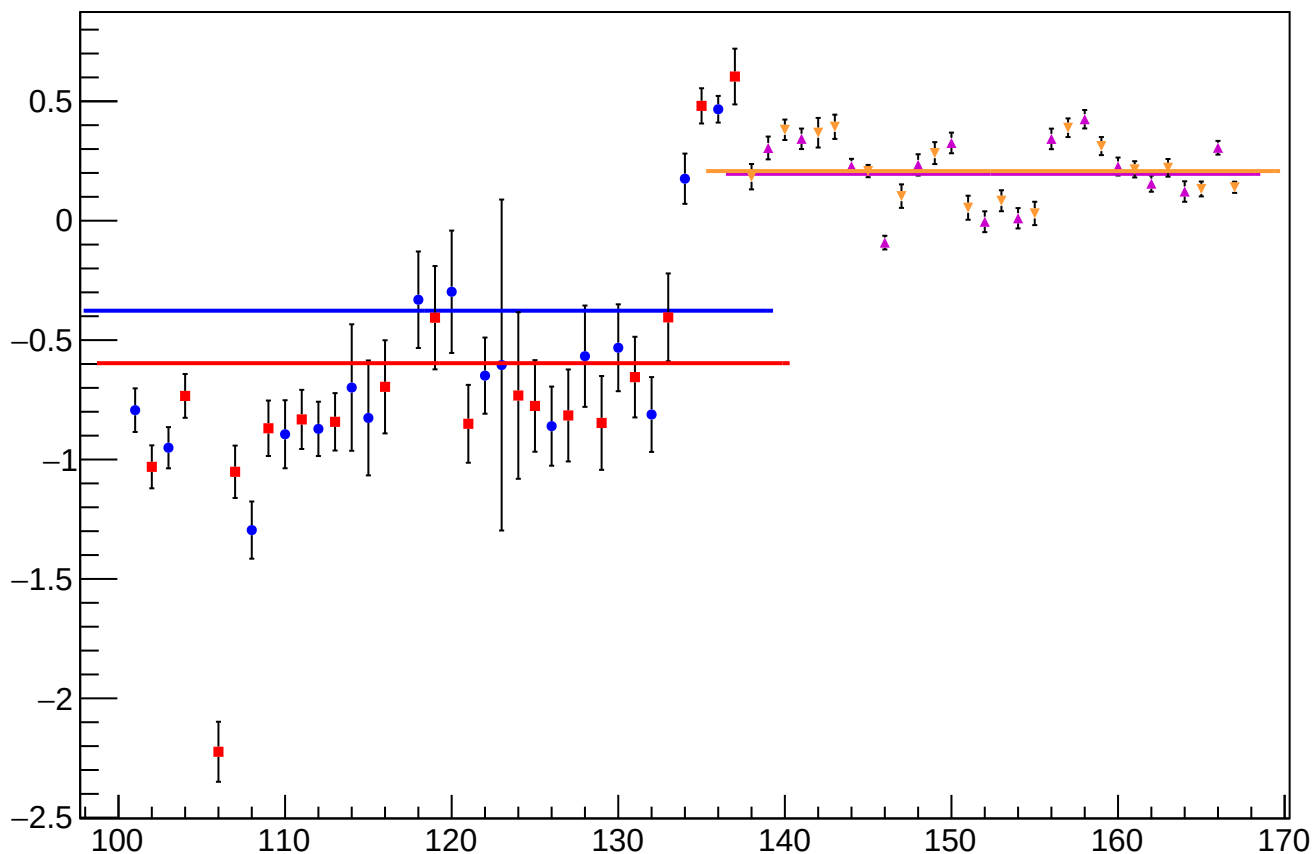
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 25.635 $\pm$ 0.195 χ^2 /NDF:991.1/30

Out: 25.186 $\pm$ 0.191 χ^2 /NDF:899.4/33

All: 25.406 $\pm$ 0.136 χ^2 /NDF: 1893.3/64

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.208 ± 0.010 χ^2/NDF : 117.7/15

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.196 ± 0.010 χ^2/NDF : 234.7/13

Left: 0.202 ± 0.007 χ^2/NDF : 353.2/29

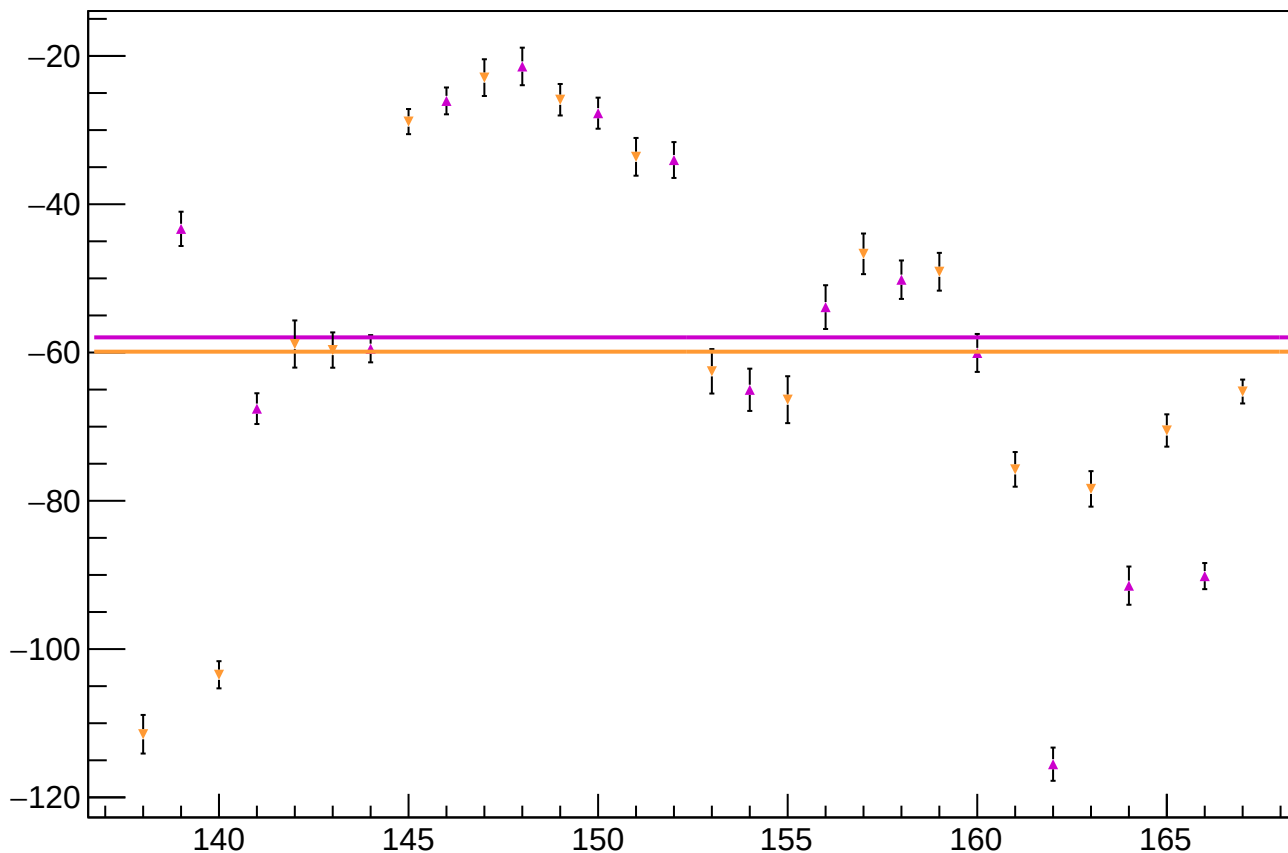
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.139 ± 0.010 χ^2/NDF : 998.2/30

Out: 0.136 ± 0.009 χ^2/NDF : 1312.8/33

All: 0.137 ± 0.007 χ^2/NDF : 2311.0/64

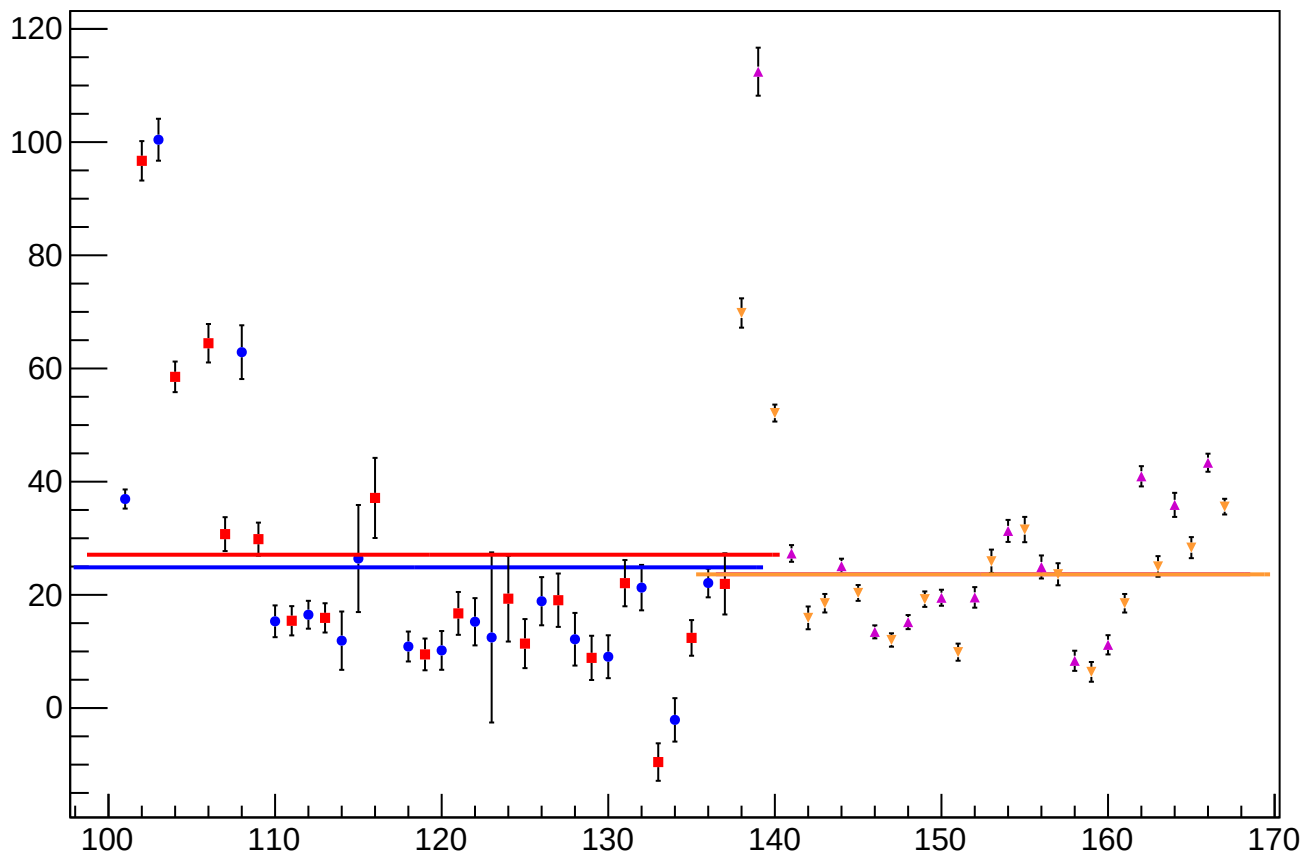
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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: -57.957+/-0.599 χ^2/NDF : 2068.5/13

Left: -58.966+/-0.414 χ^2/NDF : 4139.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -57.957+/-0.599 χ^2/NDF : 2068.5/13
 Out: -59.885+/-0.572 χ^2/NDF : 2065.1/15
 All: -58.966+/-0.414 χ^2/NDF : 4139.0/29

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: 27.093+/-0.812 χ^2/NDF : 930.9/17

Left In: 23.653+/-0.431 χ^2/NDF : 1006.5/13

Left: 23.638+/-0.297 χ^2/NDF : 2106.6/29

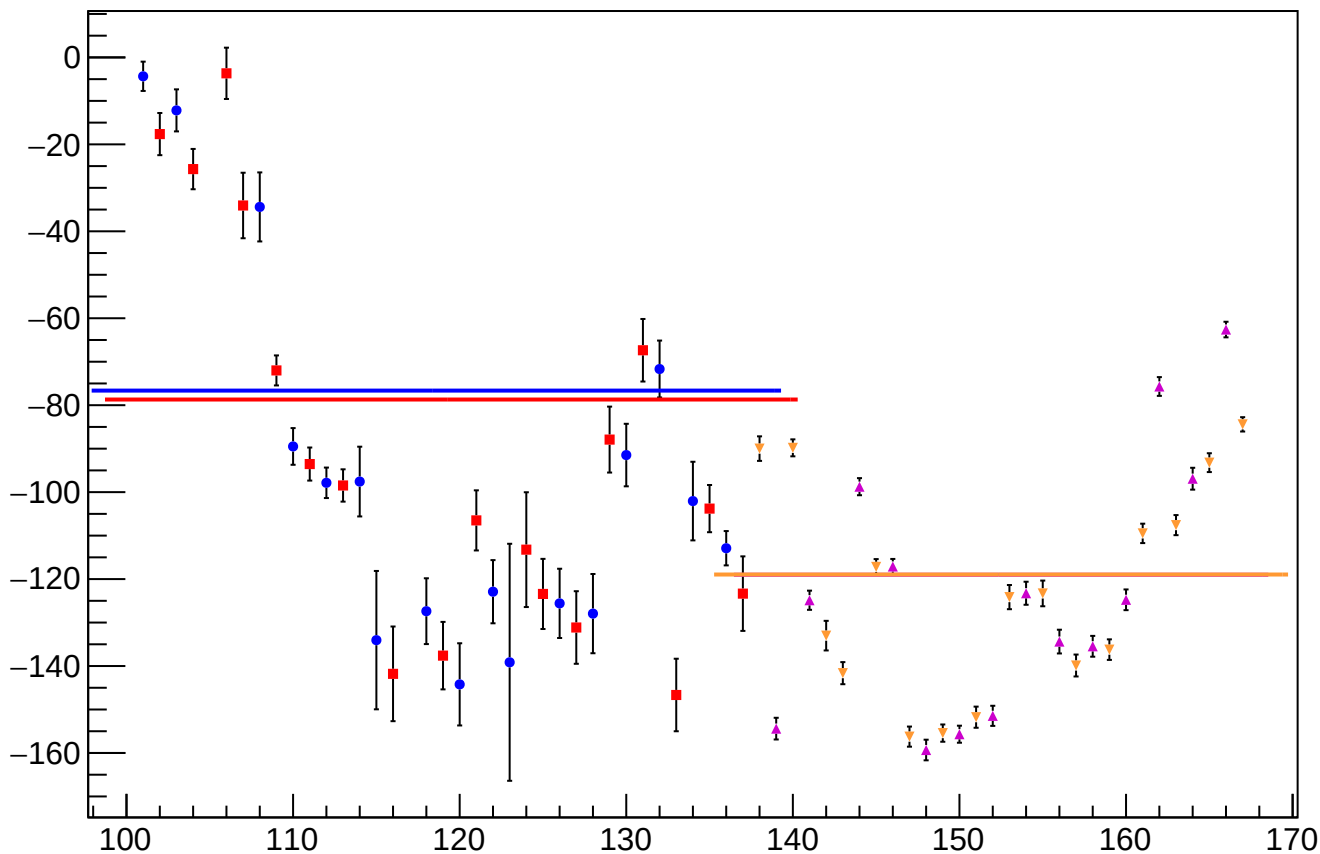
Right: 25.964+/-0.570 χ^2/NDF : 1625.8/34

In: 23.924+/-0.379 χ^2/NDF : 1699.3/30

Out: 24.331+/-0.367 χ^2/NDF : 2045.5/33

All: 24.135+/-0.264 χ^2/NDF : 3745.5/64

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: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -119.008 ± 0.588 χ^2/NDF : 2707.1/13

Left: -118.978 ± 0.409 χ^2/NDF : 4662.2/29

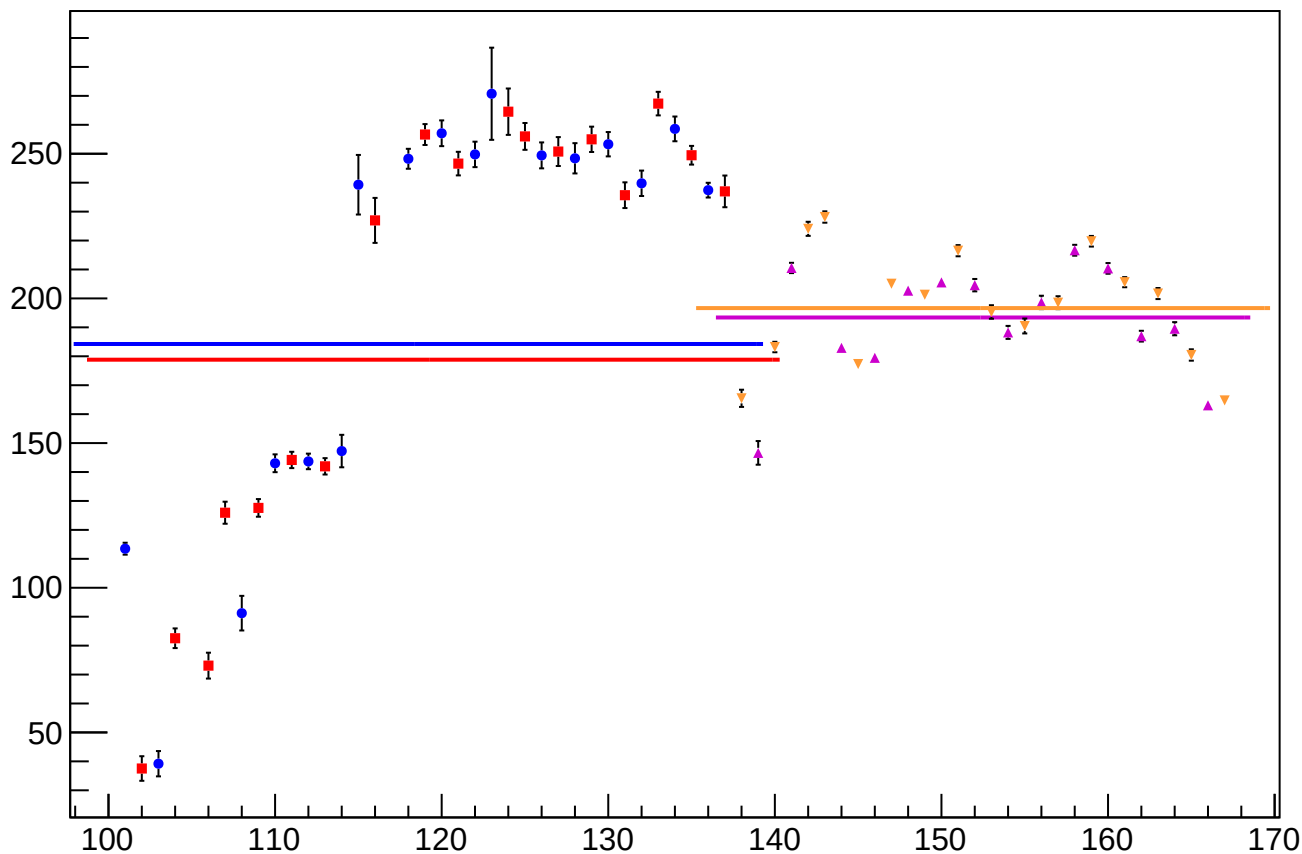
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -112.765 ± 0.543 χ^2/NDF : 4512.4/30

Out: -112.969 ± 0.524 χ^2/NDF : 3537.6/33

All: -112.871 ± 0.377 χ^2/NDF : 8050.1/64

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: 178.822 ± 0.926 $\chi^2/\text{NDF}: 6171.0/17$

Left In: 193.406 ± 0.501 $\chi^2/\text{NDF}: 1053.0/13$

Left: 195.107 ± 0.346 $\chi^2/\text{NDF}: 2619.8/29$

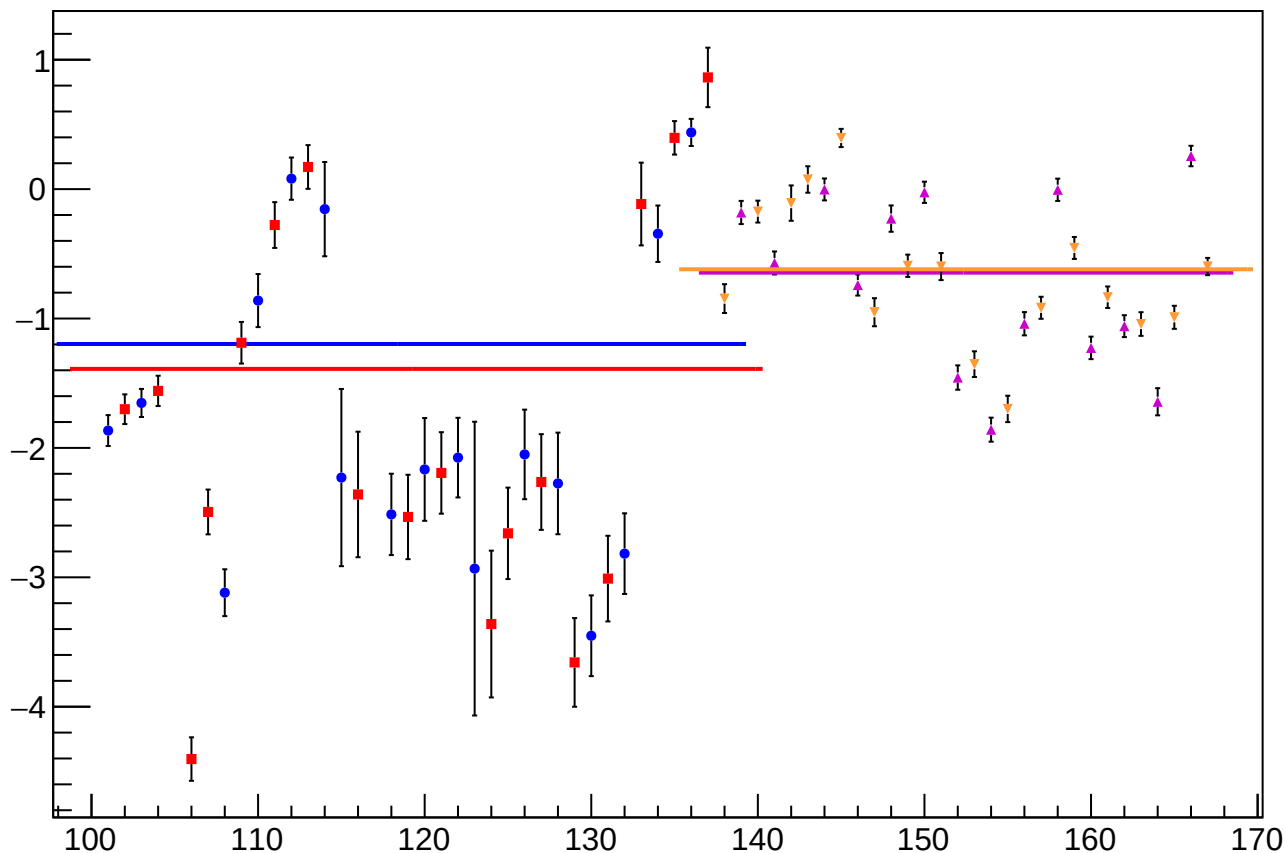
Right: 181.565 ± 0.651 $\chi^2/\text{NDF}: 11576.9/34$

In: 191.295 ± 0.439 $\chi^2/\text{NDF}: 6518.7/30$

Out: 192.901 ± 0.425 $\chi^2/\text{NDF}: 8008.7/33$

All: 192.125 ± 0.305 $\chi^2/\text{NDF}: 14534.3/64$

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.620 ± 0.023 χ^2/NDF : 537.7/15

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.645 ± 0.024 χ^2/NDF : 769.5/13

Left: -0.632 ± 0.016 χ^2/NDF : 1307.8/29

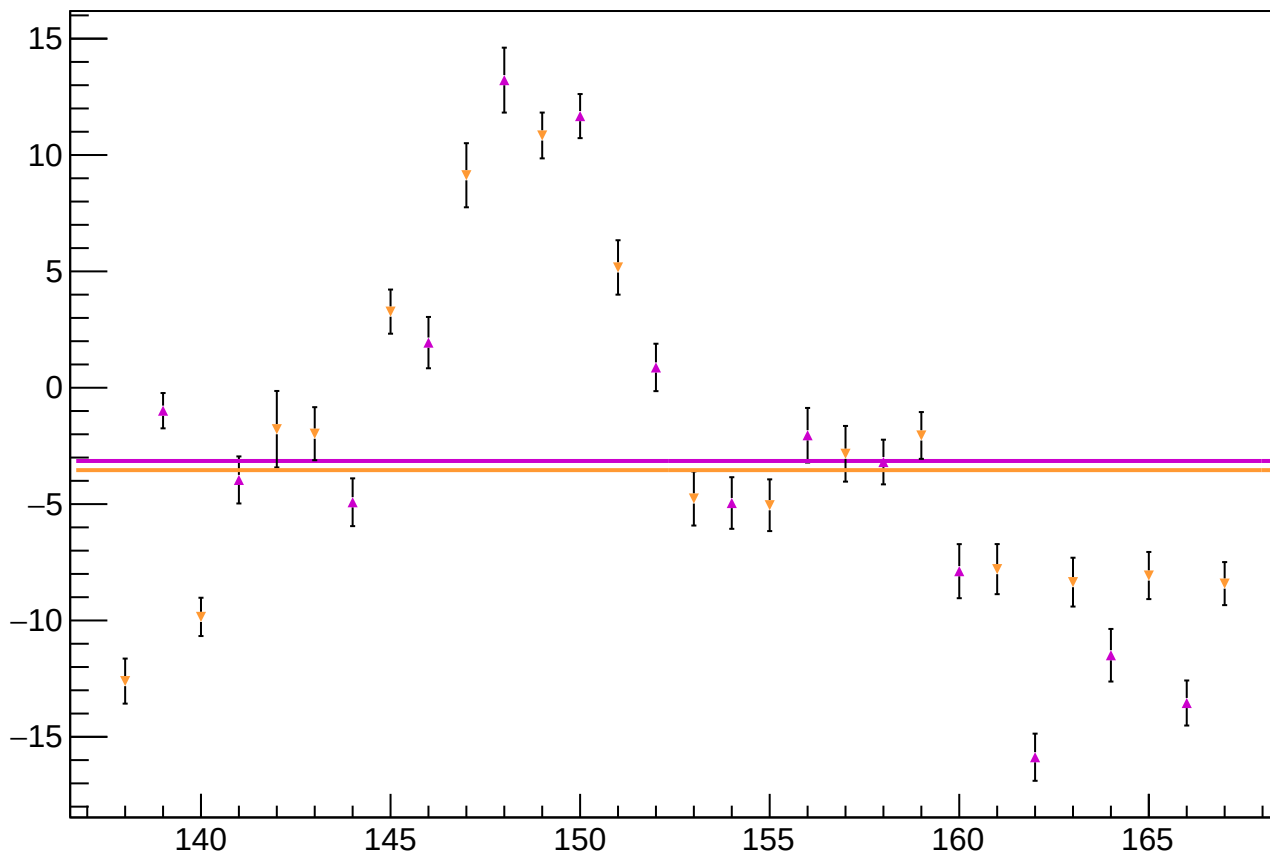
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.752 ± 0.021 χ^2/NDF : 1496.8/30

Out: -0.768 ± 0.020 χ^2/NDF : 1685.2/33

All: -0.760 ± 0.015 χ^2/NDF : 3182.3/64

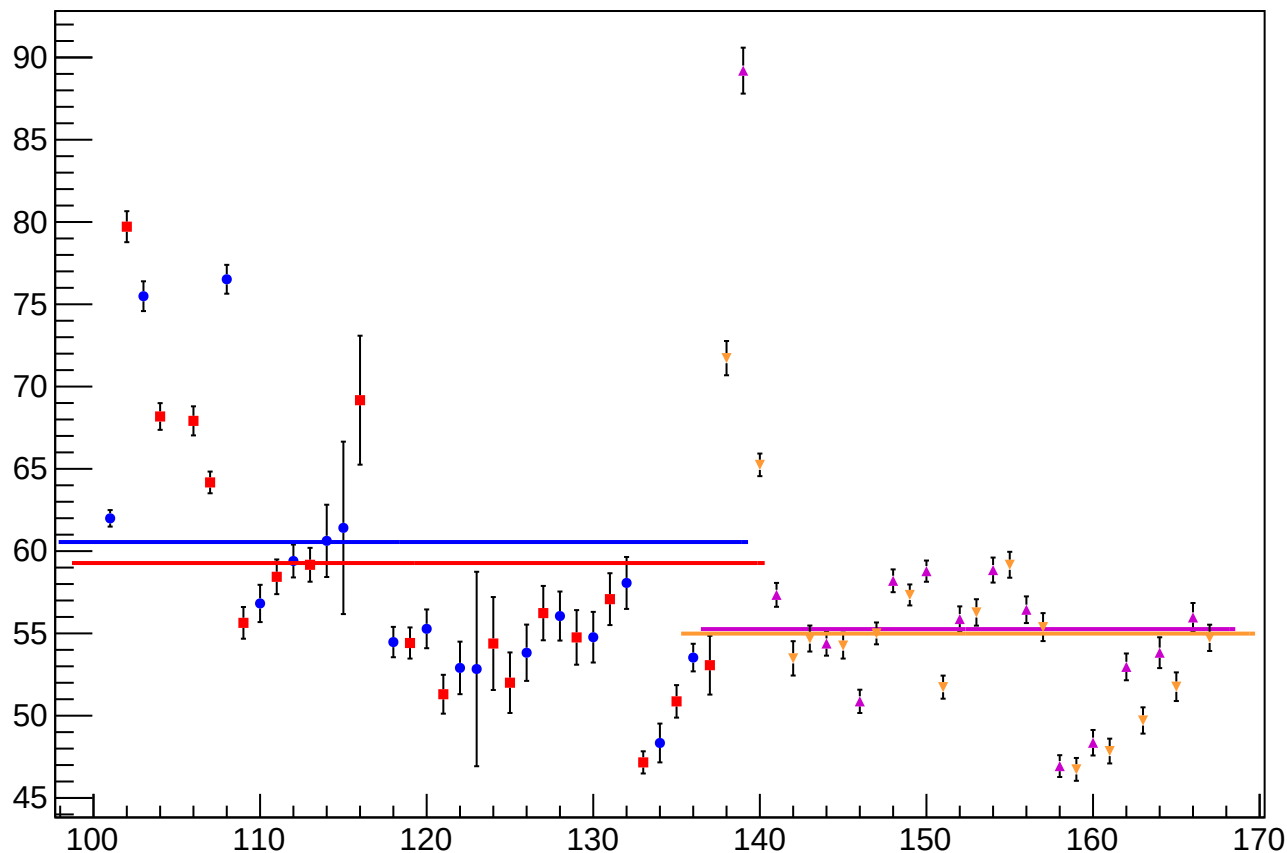
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.540+/-0.265 χ^2/NDF : 644.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.147+/-0.275 χ^2/NDF : 779.0/13

Left: -3.350+/-0.191 χ^2/NDF : 1424.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.147+/-0.275 χ^2/NDF : 779.0/13
 Out: -3.540+/-0.265 χ^2/NDF : 644.6/15
 All: -3.350+/-0.191 χ^2/NDF : 1424.7/29

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 54.988 ± 0.193 $\chi^2/\text{NDF}: 839.6/15$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.263 ± 0.206 $\chi^2/\text{NDF}: 959.8/13$

Left: 55.116 ± 0.141 $\chi^2/\text{NDF}: 1800.3/29$

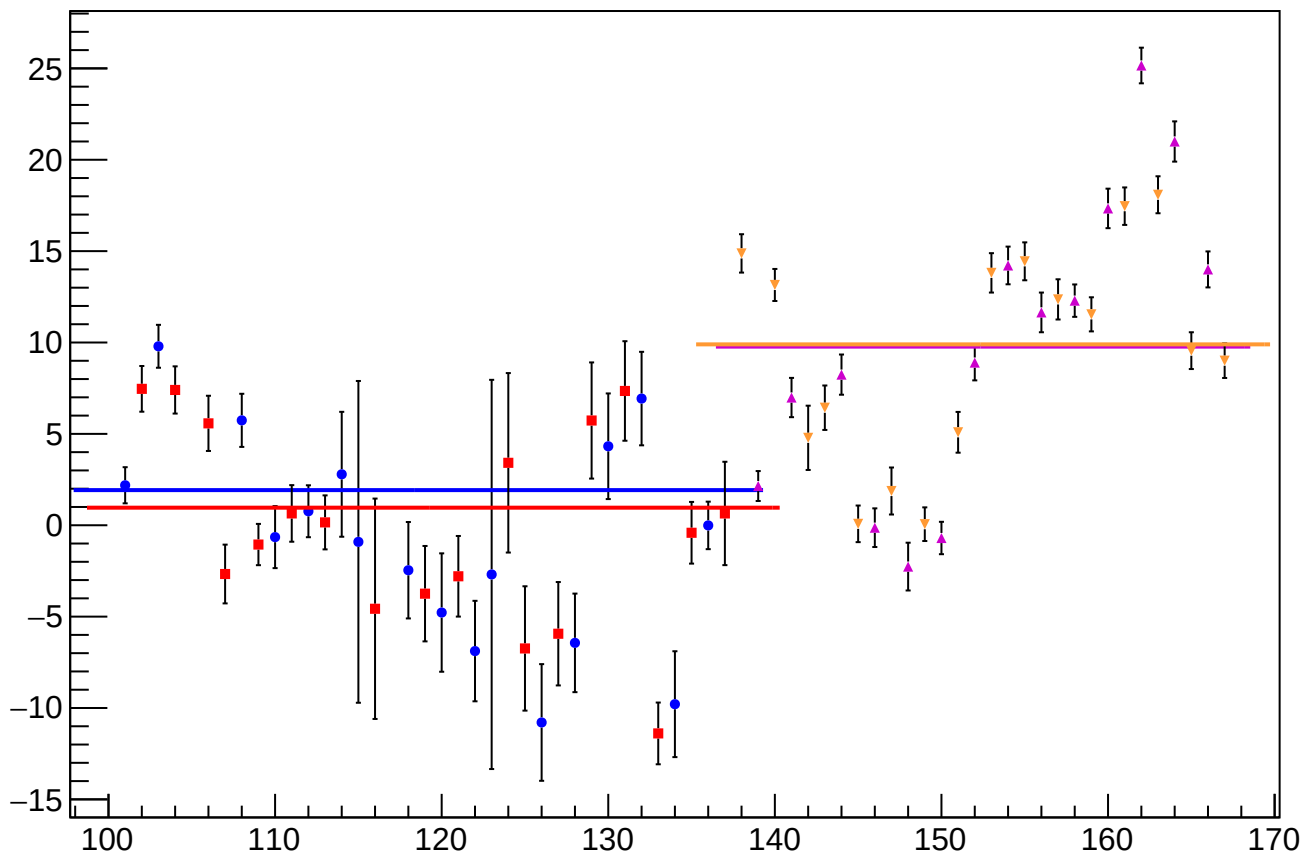
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.285 ± 0.162 $\chi^2/\text{NDF}: 2143.0/30$

Out: 56.601 ± 0.153 $\chi^2/\text{NDF}: 2299.5/33$

All: 56.923 ± 0.111 $\chi^2/\text{NDF}: 4452.0/64$

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: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 9.775 ± 0.269 $\chi^2/\text{NDF}: 857.9/13$

Left: 9.838 ± 0.188 $\chi^2/\text{NDF}: 1340.0/29$

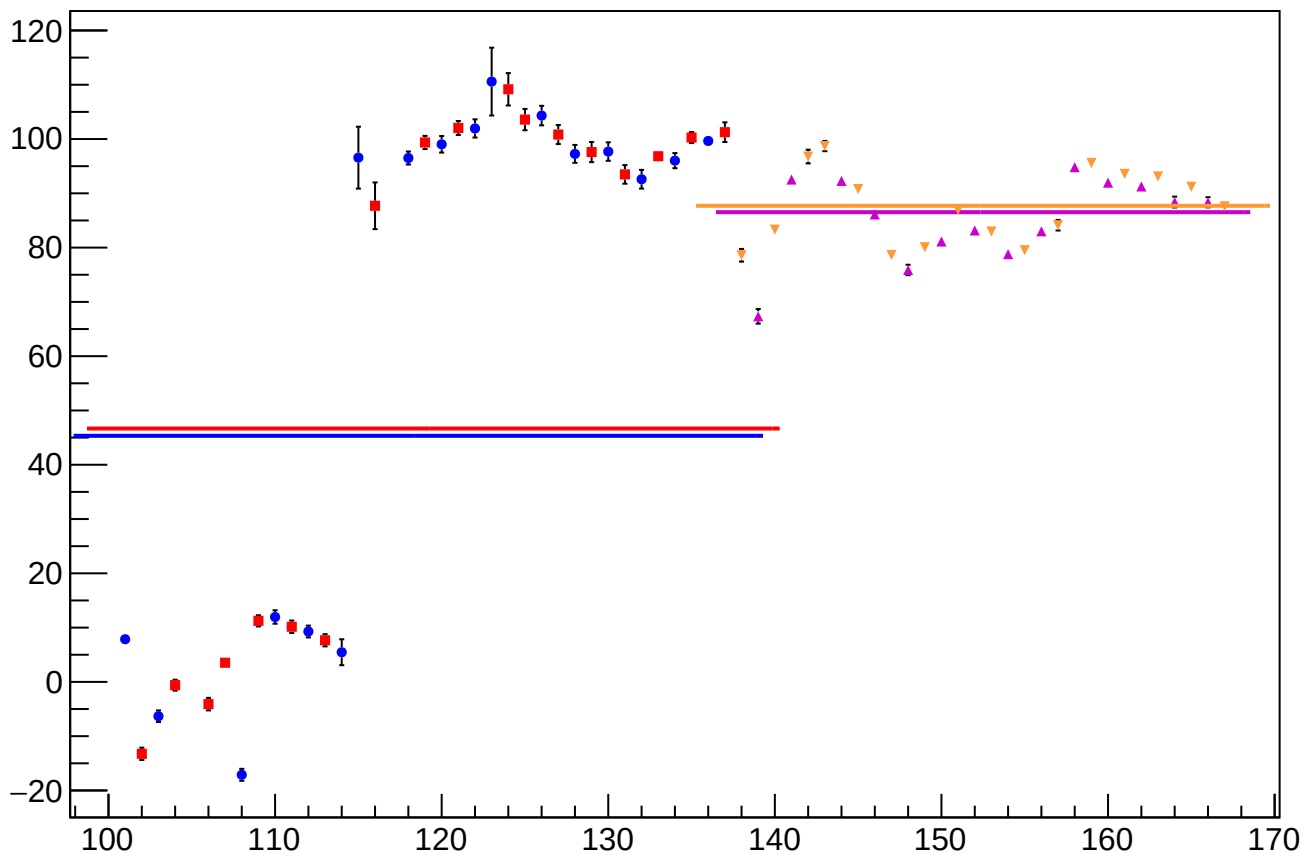
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 7.762 ± 0.232 $\chi^2/\text{NDF}: 1197.3/30$

Out: 7.478 ± 0.224 $\chi^2/\text{NDF}: 947.5/33$

All: 7.615 ± 0.161 $\chi^2/\text{NDF}: 2145.6/64$

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: 46.673+/-0.291 χ^2 /NDF: 27896.8/17

Left In: 86.526+/-0.235 χ^2 /NDF:798.5/13

Left: 87.144+/-0.162 χ^2 /NDF: 1648.9/29

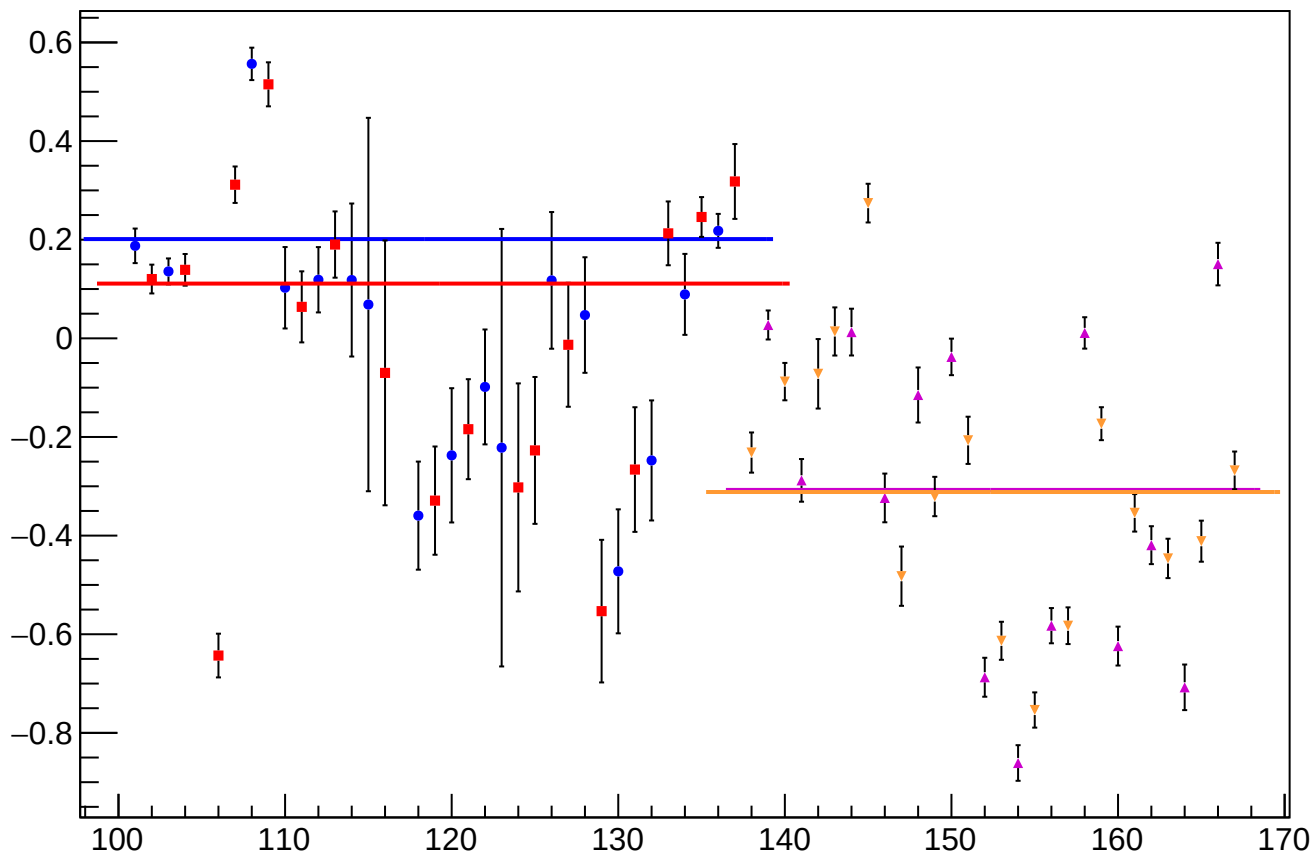
Right: 46.031+/-0.210 χ^2 /NDF: 52913.9/34

In: 71.084+/-0.186 χ^2 /NDF:37315.7/30

Out: 72.543+/-0.177 χ^2 /NDF:41287.4/33

All: 71.850+/-0.128 χ^2 /NDF: 78635.5/64

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.312 ± 0.010 χ^2/NDF : 634.8/15

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.307 ± 0.010 χ^2/NDF : 987.5/13

Left: -0.310 ± 0.007 χ^2/NDF : 1622.3/29

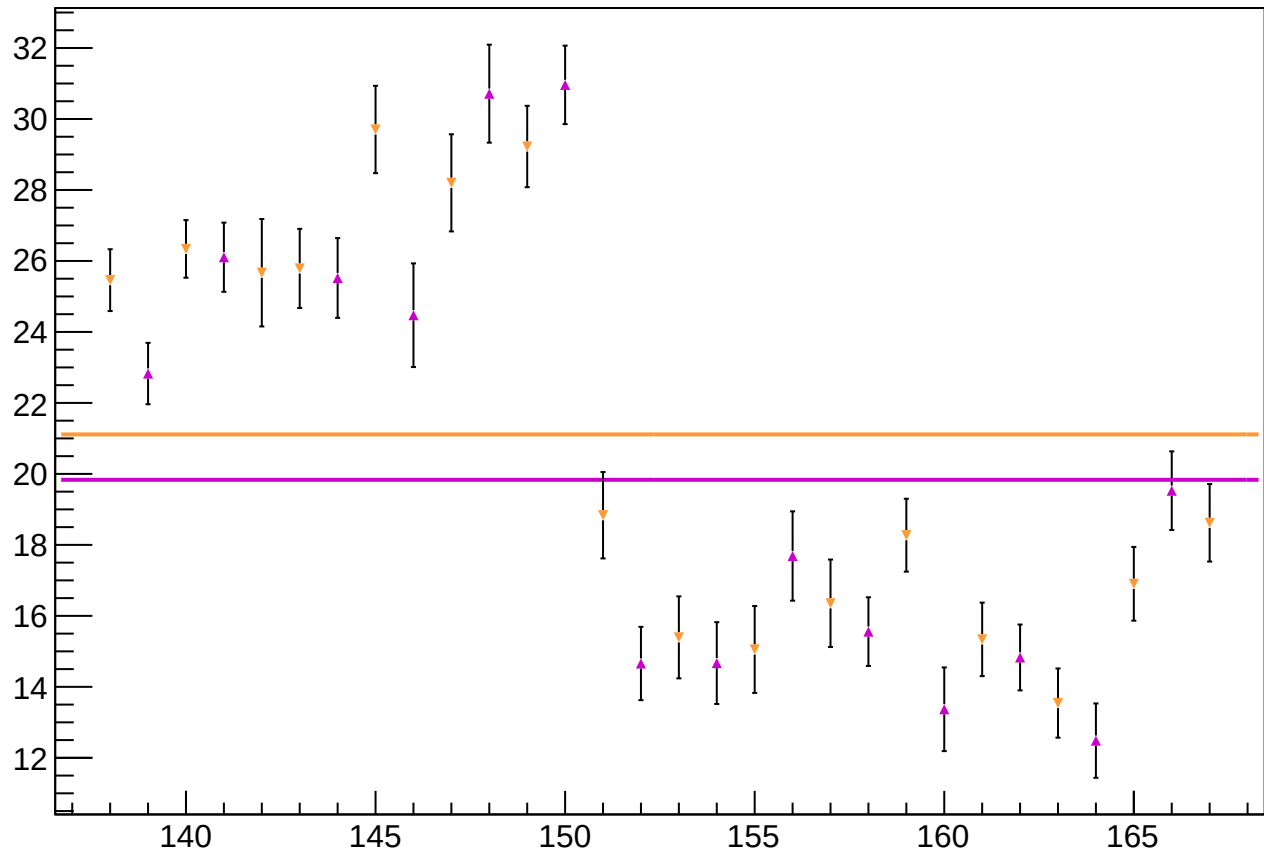
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.125 ± 0.008 χ^2/NDF : 2047.1/30

Out: -0.153 ± 0.008 χ^2/NDF : 1766.7/33

All: -0.140 ± 0.006 χ^2/NDF : 3819.3/64

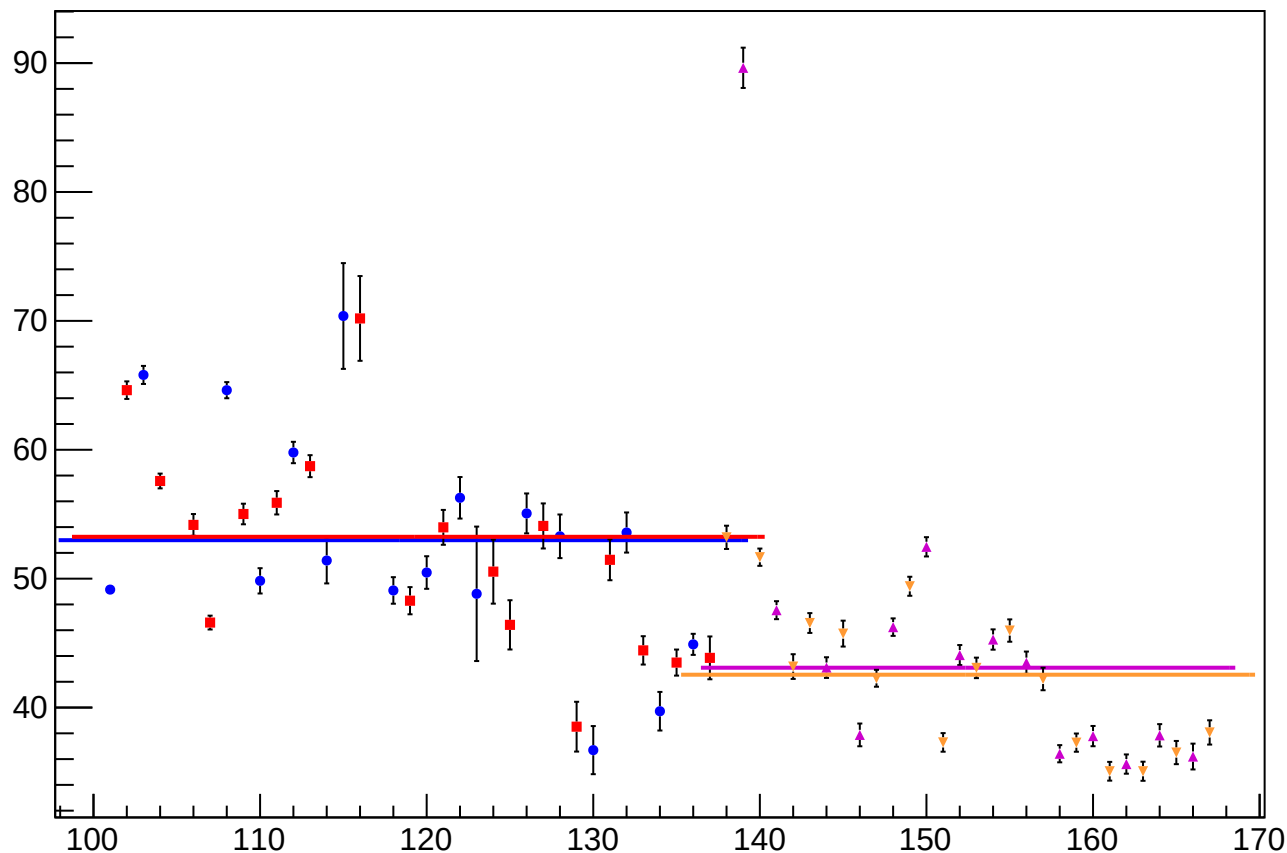
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.113+/-0.272 χ^2/NDF :406.7/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.834+/-0.289 χ^2/NDF :428.5/13

Left: 20.511+/-0.198 χ^2/NDF : 845.6/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.834+/-0.289 χ^2/NDF :428.5/13
 Out: 21.113+/-0.272 χ^2/NDF :406.7/15
 All: 20.511+/-0.198 χ^2/NDF : 845.6/29

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 42.548 $\pm$ 0.198 χ^2 /NDF: 849.2/15

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 43.090 $\pm$ 0.214 χ^2 /NDF: 1480.0/13

Left: 42.798 $\pm$ 0.145 χ^2 /NDF: 2332.7/29

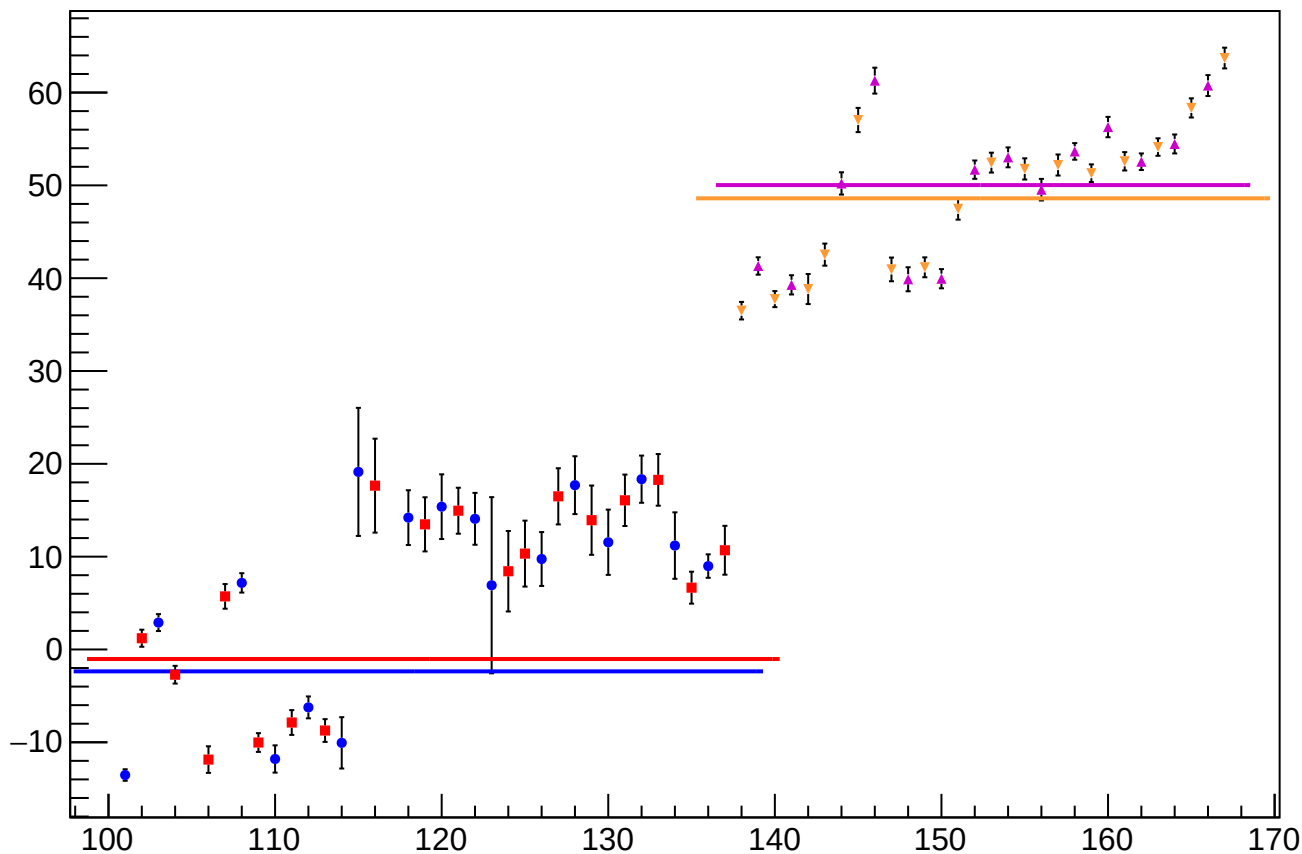
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 48.123 $\pm$ 0.150 χ^2 /NDF: 3765.6/30

Out: 47.153 $\pm$ 0.149 χ^2 /NDF: 2966.9/33

All: 47.635 $\pm$ 0.106 χ^2 /NDF: 6753.5/64

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 48.603 ± 0.270 χ^2/NDF : 872.0/15

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 50.031 ± 0.283 χ^2/NDF : 592.9/13

Left: 49.283 ± 0.195 χ^2/NDF : 1478.2/29

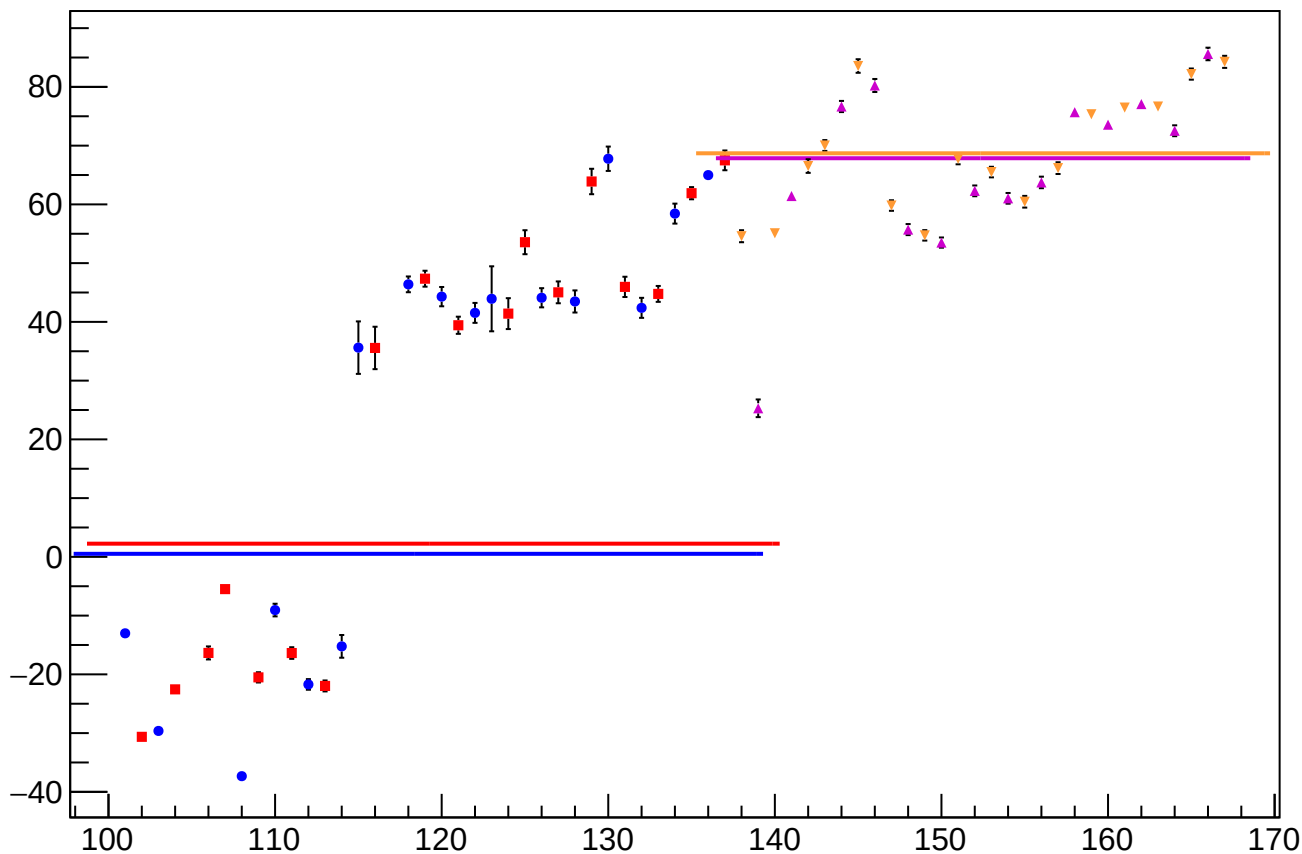
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 30.341 ± 0.223 χ^2/NDF : 14351.4/30

Out: 32.001 ± 0.220 χ^2/NDF : 12716.9/33

All: 31.183 ± 0.157 χ^2/NDF : 27096.5/64

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 68.698 ± 0.228 $\chi^2/\text{NDF}: 1793.1/15$

Right Out: 2.246 ± 0.267 $\chi^2/\text{NDF}: 15377.0/17$

Left In: 67.856 ± 0.244 $\chi^2/\text{NDF}: 2230.3/13$

Left: 68.306 ± 0.167 $\chi^2/\text{NDF}: 4029.7/29$

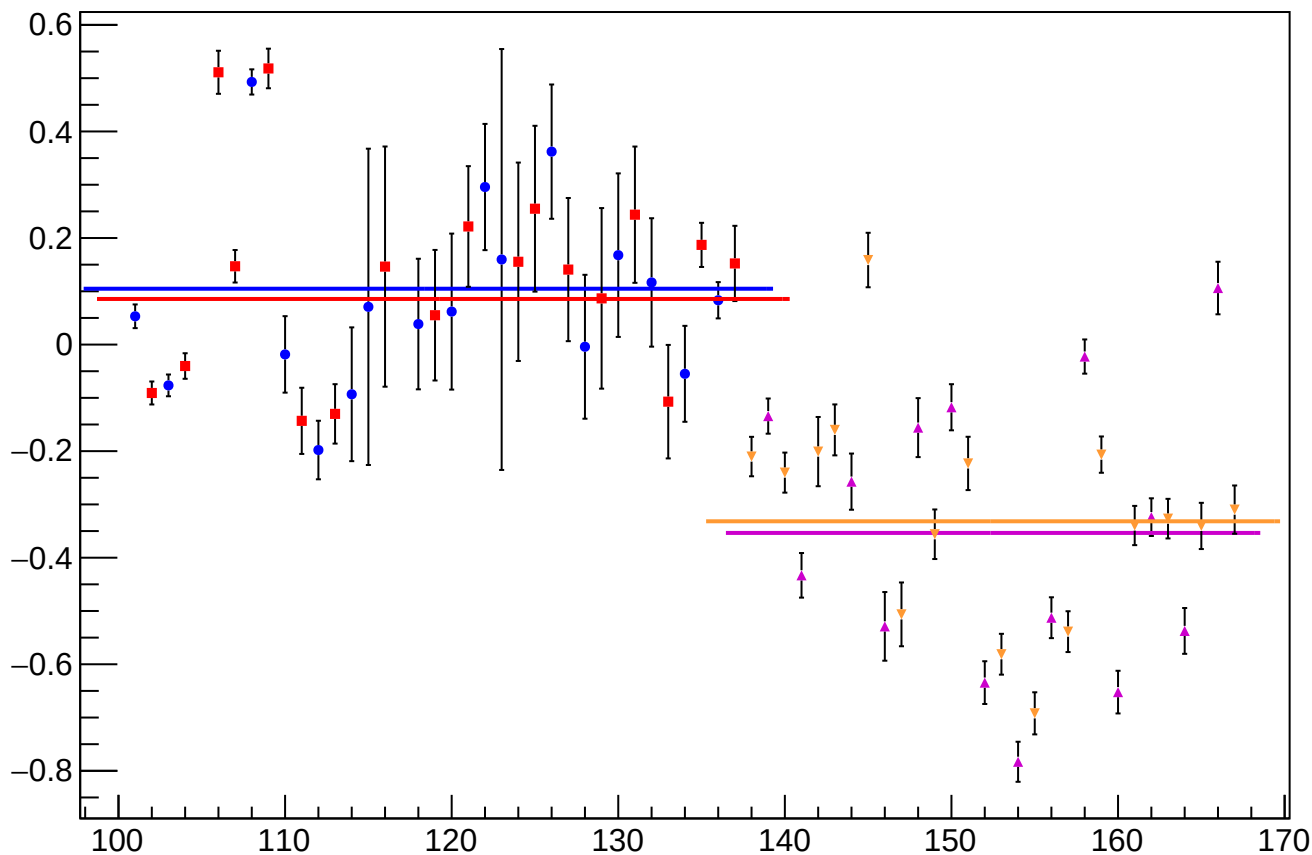
Right: 1.313 ± 0.181 $\chi^2/\text{NDF}: 33785.6/34$

In: 34.558 ± 0.174 $\chi^2/\text{NDF}: 58209.9/30$

Out: 40.716 ± 0.174 $\chi^2/\text{NDF}: 52921.1/33$

All: 37.639 ± 0.123 $\chi^2/\text{NDF}: 111760.2/64$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.332 ± 0.011 χ^2/NDF : 307.8/15

Right Out: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.354 ± 0.011 χ^2/NDF : 565.7/13

Left: -0.342 ± 0.008 χ^2/NDF : 875.5/29

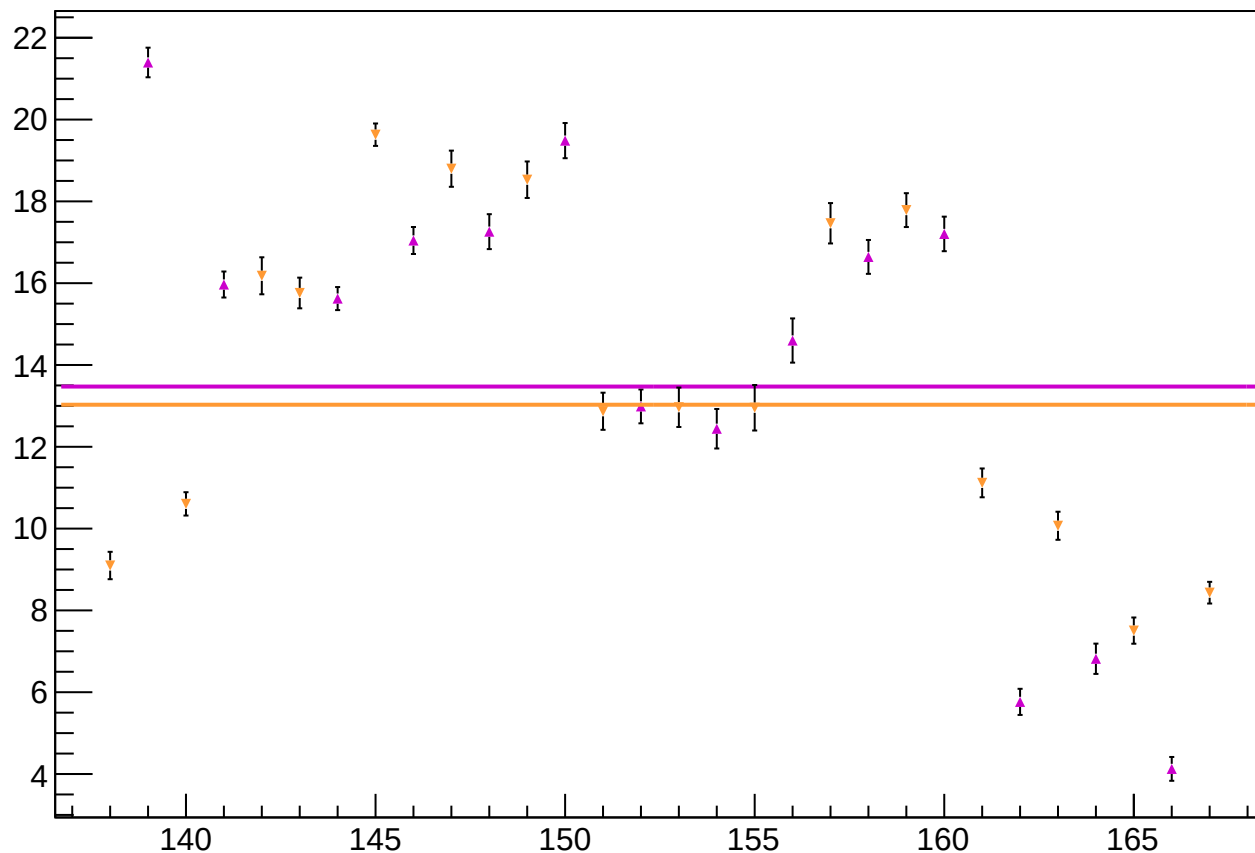
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: -0.126 ± 0.008 χ^2/NDF : 1833.9/30

Out: -0.133 ± 0.008 χ^2/NDF : 1439.5/33

All: -0.130 ± 0.005 χ^2/NDF : 3273.9/64

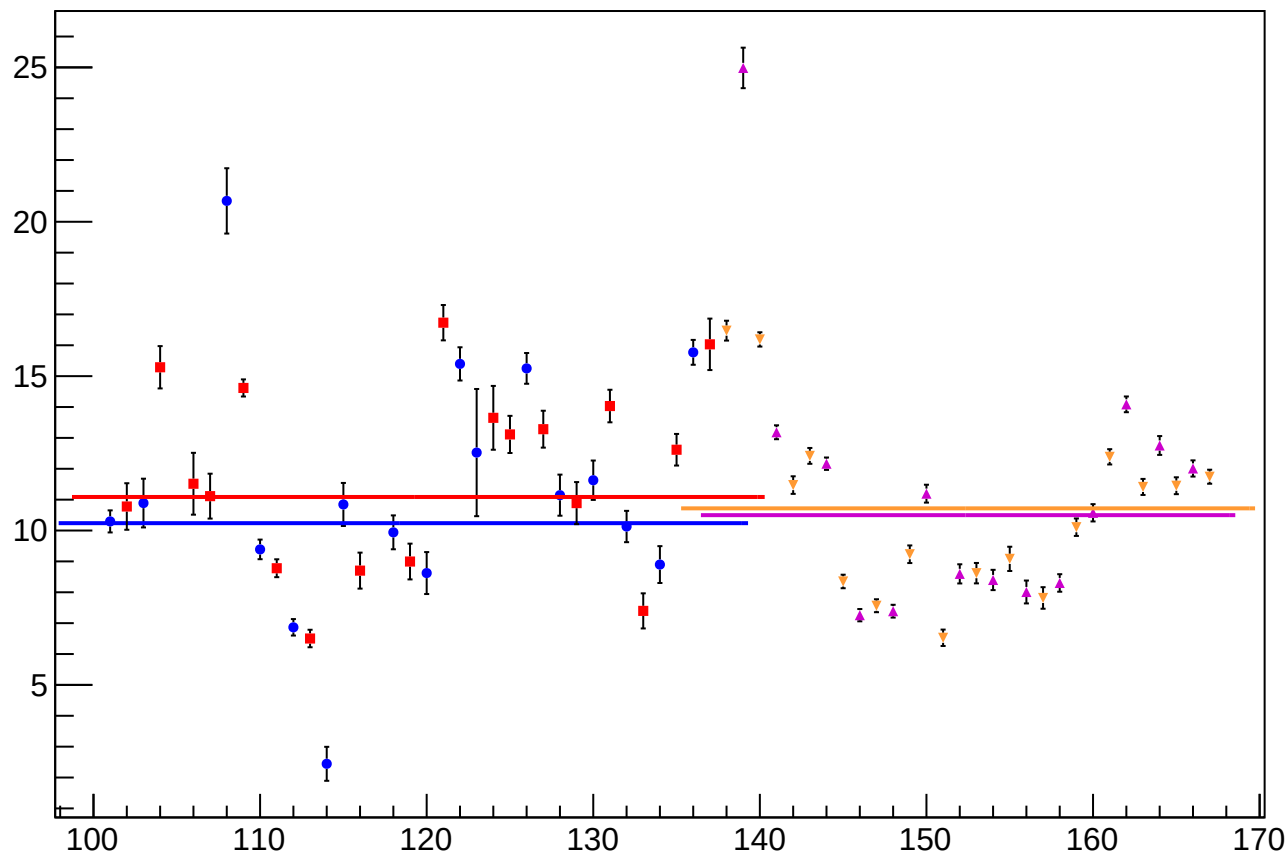
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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: 13.473 $\pm$ 0.098 χ^2/NDF :3072.1/13

Left: 13.235 $\pm$ 0.067 χ^2/NDF : 5211.5/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 13.473 $\pm$ 0.098 χ^2/NDF :3072.1/13
 Out: 13.028 $\pm$ 0.091 χ^2/NDF :2128.4/15
 All: 13.235 $\pm$ 0.067 χ^2/NDF : 5211.5/29

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2/NDF : 867.4/16

Left Out: 10.718 $\pm$ 0.066 χ^2/NDF :1761.0/15

Right Out: 11.087 $\pm$ 0.116 χ^2/NDF : 801.0/17

Left In: 10.498 $\pm$ 0.071 χ^2/NDF :1663.4/13

Left: 10.615 $\pm$ 0.048 χ^2/NDF : 3429.6/29

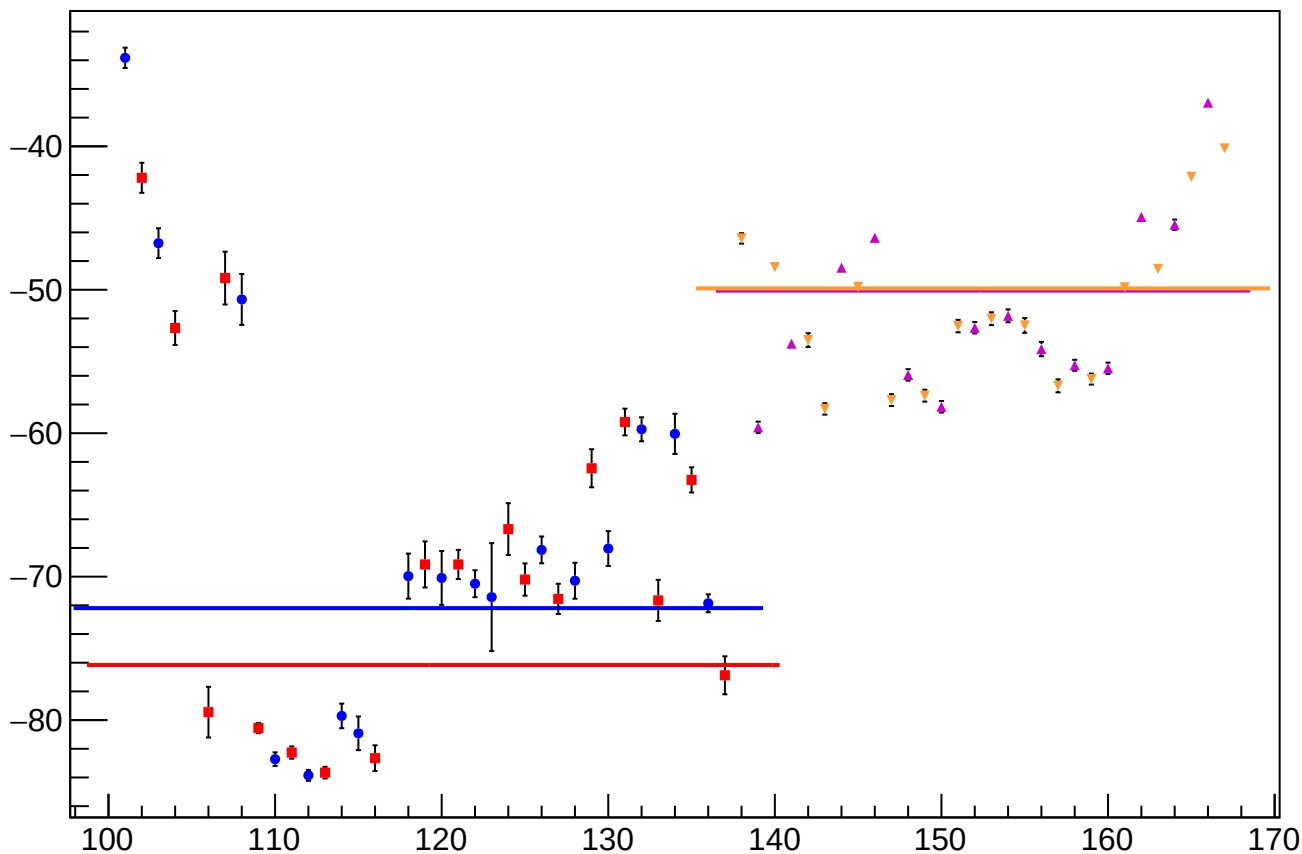
Right: 10.672 $\pm$ 0.083 χ^2/NDF : 1694.4/34

In: 10.430 $\pm$ 0.061 χ^2/NDF :2534.3/30

Out: 10.809 $\pm$ 0.058 χ^2/NDF :2569.6/33

All: 10.629 $\pm$ 0.042 χ^2/NDF : 5124.3/64

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: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -50.062 ± 0.097 χ^2/NDF : 4391.5/13

Left: -49.980 ± 0.066 χ^2/NDF : 8168.3/29

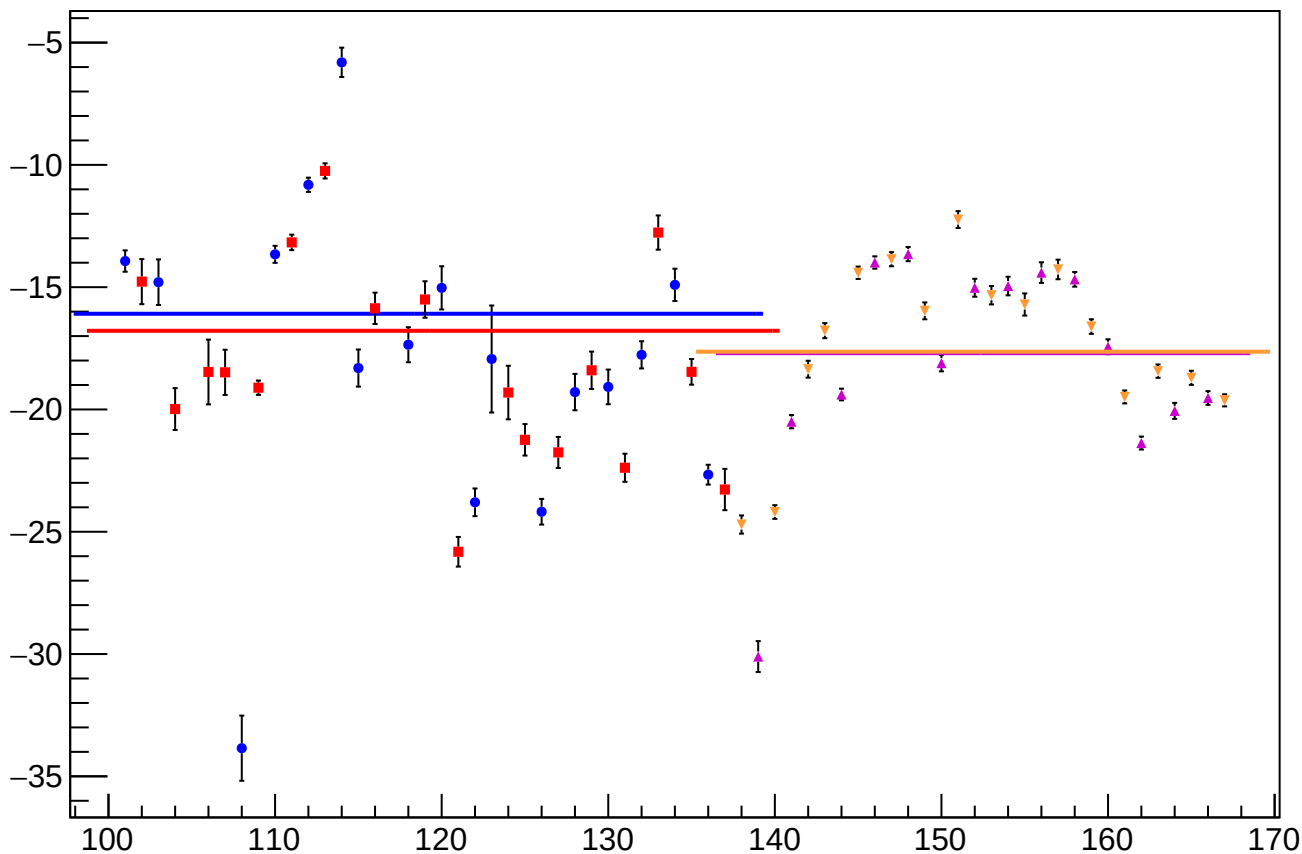
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -54.319 ± 0.087 χ^2/NDF : 20029.4/30

Out: -55.245 ± 0.082 χ^2/NDF : 23718.6/33

All: -54.811 ± 0.060 χ^2/NDF : 43808.2/64

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

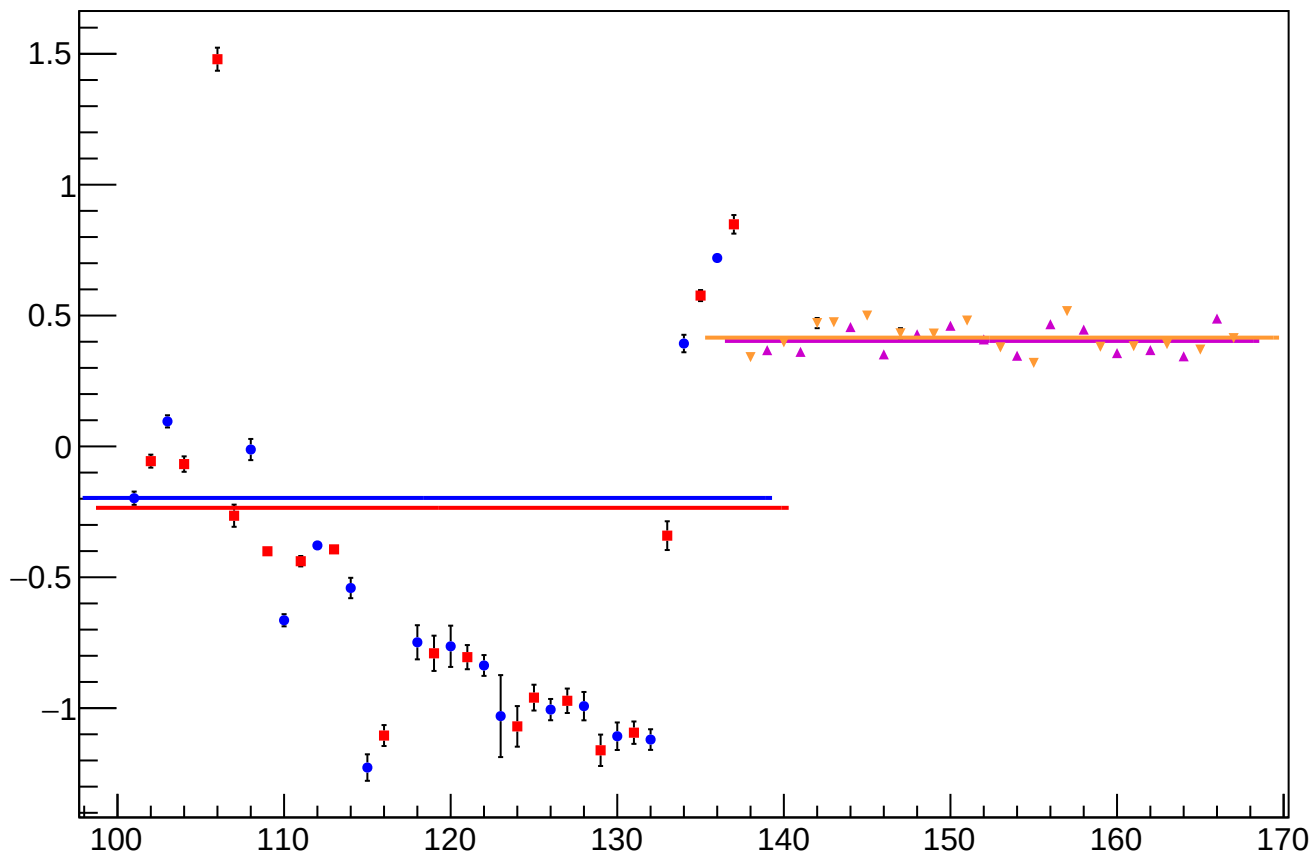


Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.638 ± 0.077 $\chi^2/\text{NDF}: 1797.1/15$
 Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$
 Left In: -17.699 ± 0.082 $\chi^2/\text{NDF}: 1507.4/13$

Left: -17.667 ± 0.056 $\chi^2/\text{NDF}: 3304.8/29$
 Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$
 In: -17.251 ± 0.070 $\chi^2/\text{NDF}: 3236.2/30$
 Out: -17.411 ± 0.066 $\chi^2/\text{NDF}: 3034.2/33$

All: -17.336 ± 0.048 $\chi^2/\text{NDF}: 6273.1/64$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.416 ± 0.004 χ^2/NDF : 224.3/15

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.403 ± 0.004 χ^2/NDF : 173.5/13

Left: 0.410 ± 0.003 χ^2/NDF : 403.5/29

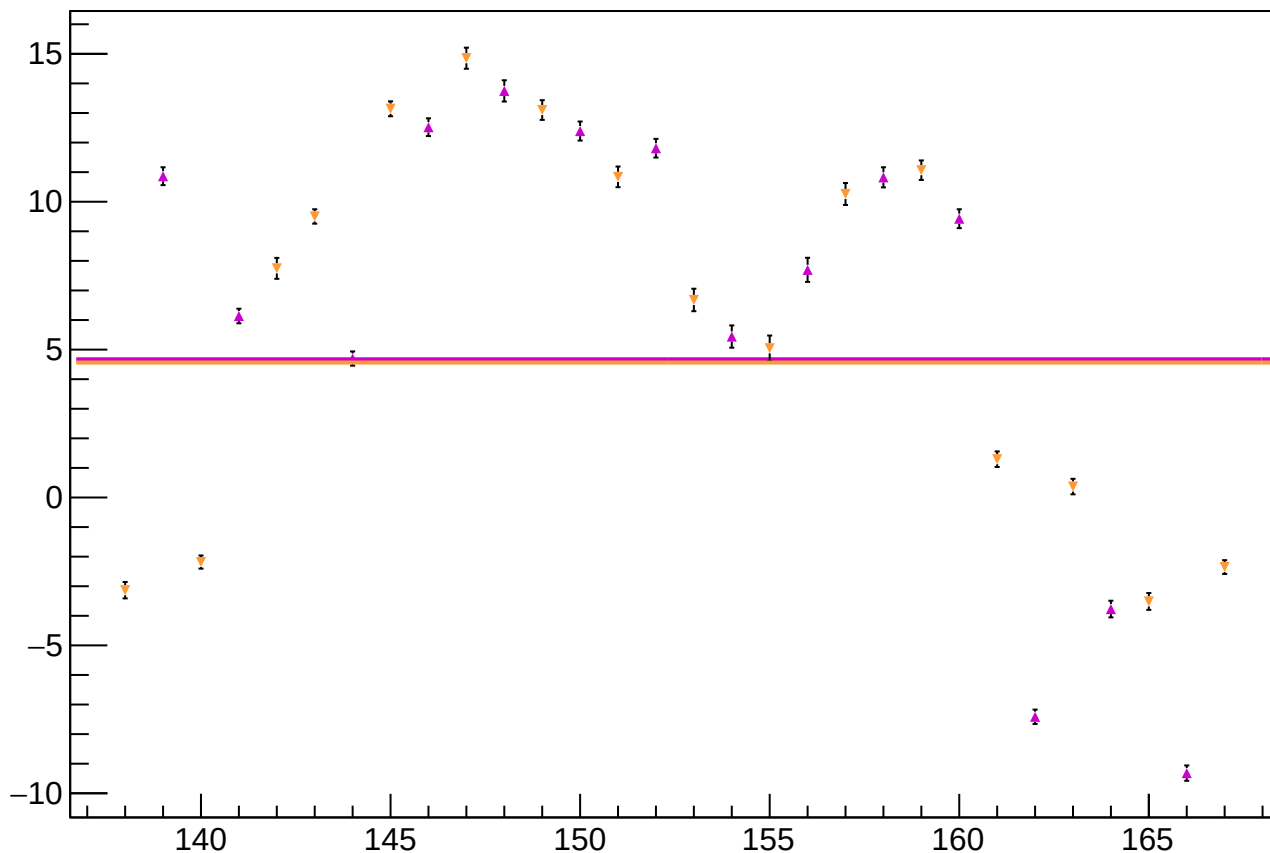
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.278 ± 0.003 χ^2/NDF : 11504.7/30

Out: 0.283 ± 0.003 χ^2/NDF : 12950.2/33

All: 0.281 ± 0.002 χ^2/NDF : 24456.2/64

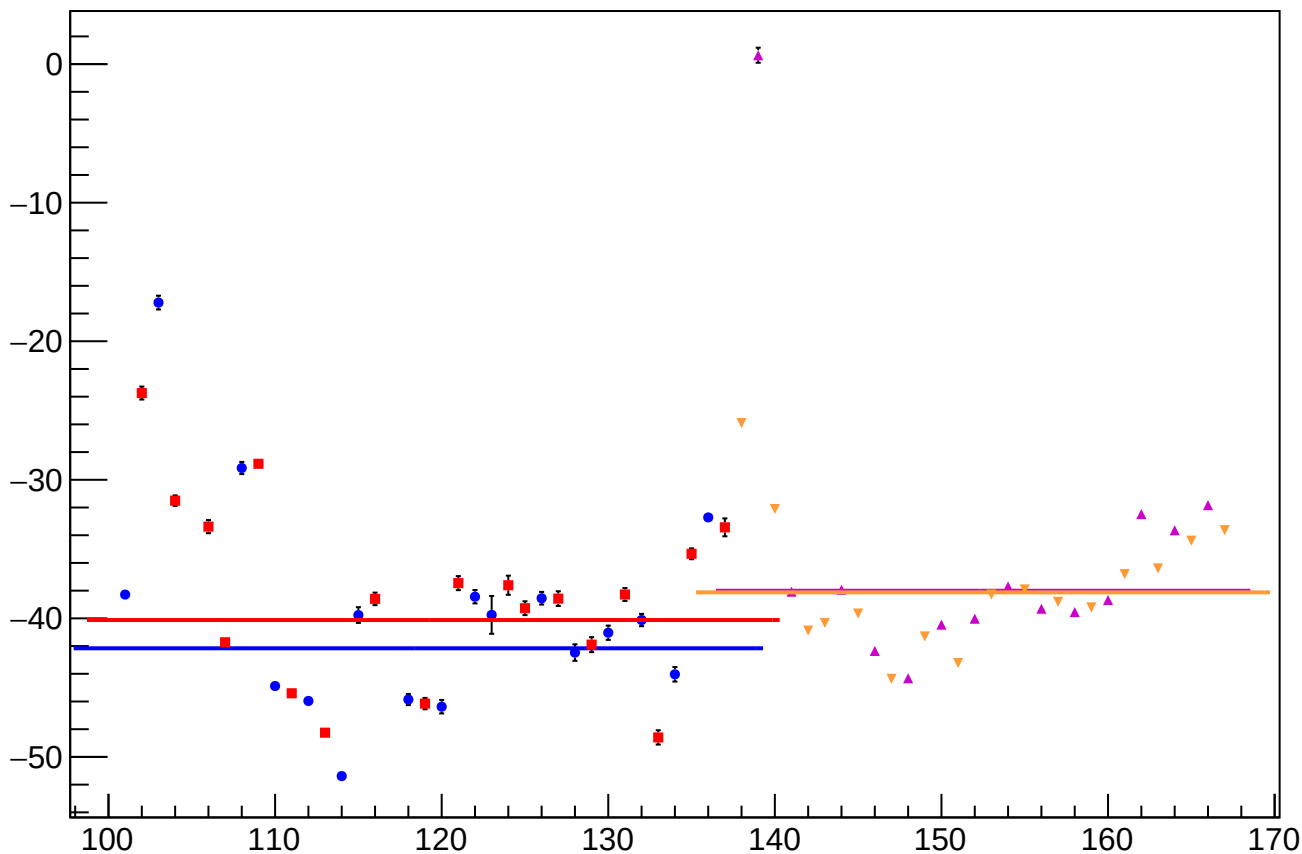
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.563+/-0.073 χ^2/NDF : 7899.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.673+/-0.079 χ^2/NDF : 9760.5/13

Left: 4.614+/-0.054 χ^2/NDF : 17661.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.673+/-0.079 χ^2/NDF : 9760.5/13
 Out: 4.563+/-0.073 χ^2/NDF : 7899.6/15
 All: 4.614+/-0.054 χ^2/NDF : 17661.1/29

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.124 ± 0.053 $\chi^2/\text{NDF}: 6625.2/15$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -38.008 ± 0.058 $\chi^2/\text{NDF}: 9009.9/13$

Left: -38.071 ± 0.039 $\chi^2/\text{NDF}: 15637.3/29$

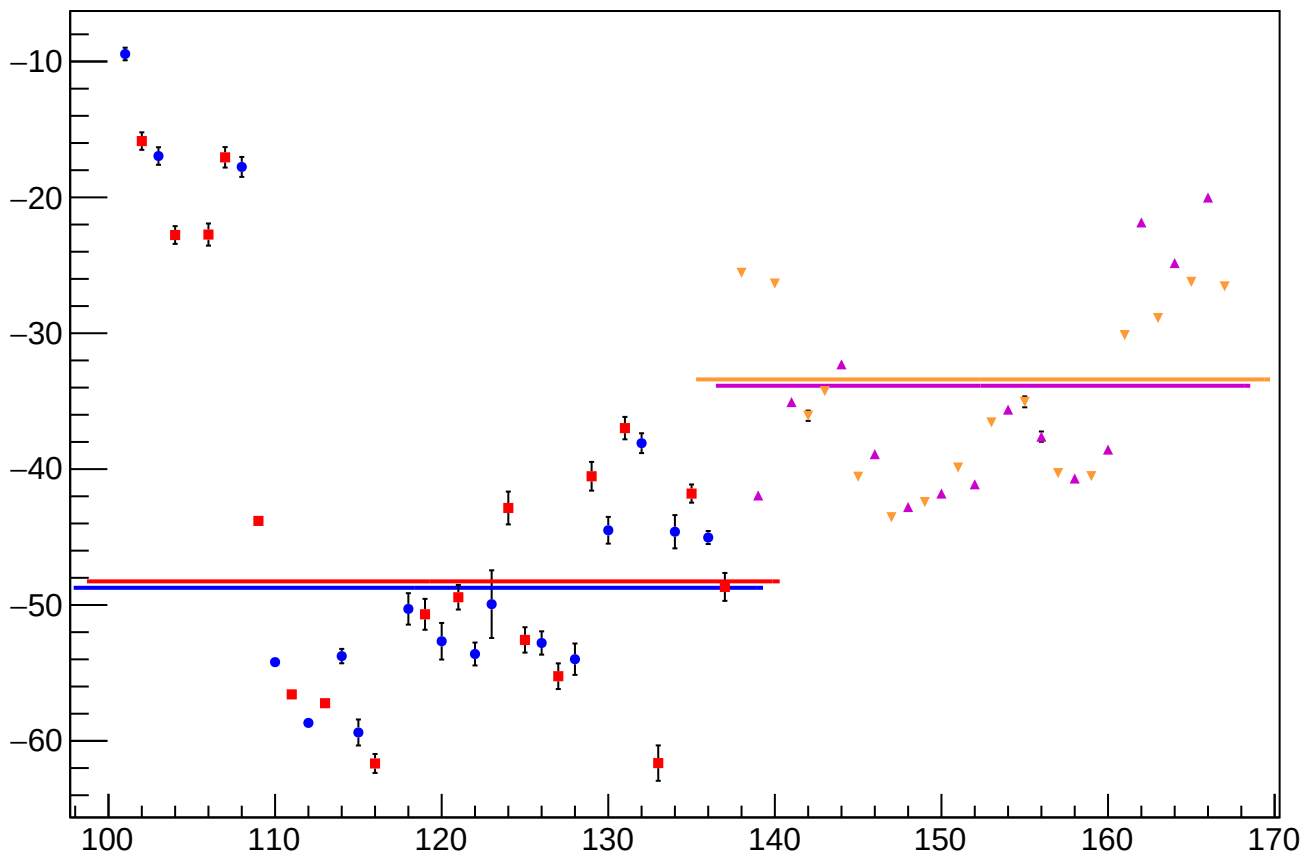
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -39.472 ± 0.046 $\chi^2/\text{NDF}: 17419.0/30$

Out: -38.810 ± 0.043 $\chi^2/\text{NDF}: 18002.2/33$

All: -39.115 ± 0.031 $\chi^2/\text{NDF}: 35531.8/64$

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: -48.261+/-0.107 χ^2/NDF : 11091.7/17

Left In: -33.865+/-0.078 χ^2/NDF : 10274.1/13

Left: -33.616+/-0.053 χ^2/NDF : 17774.6/29

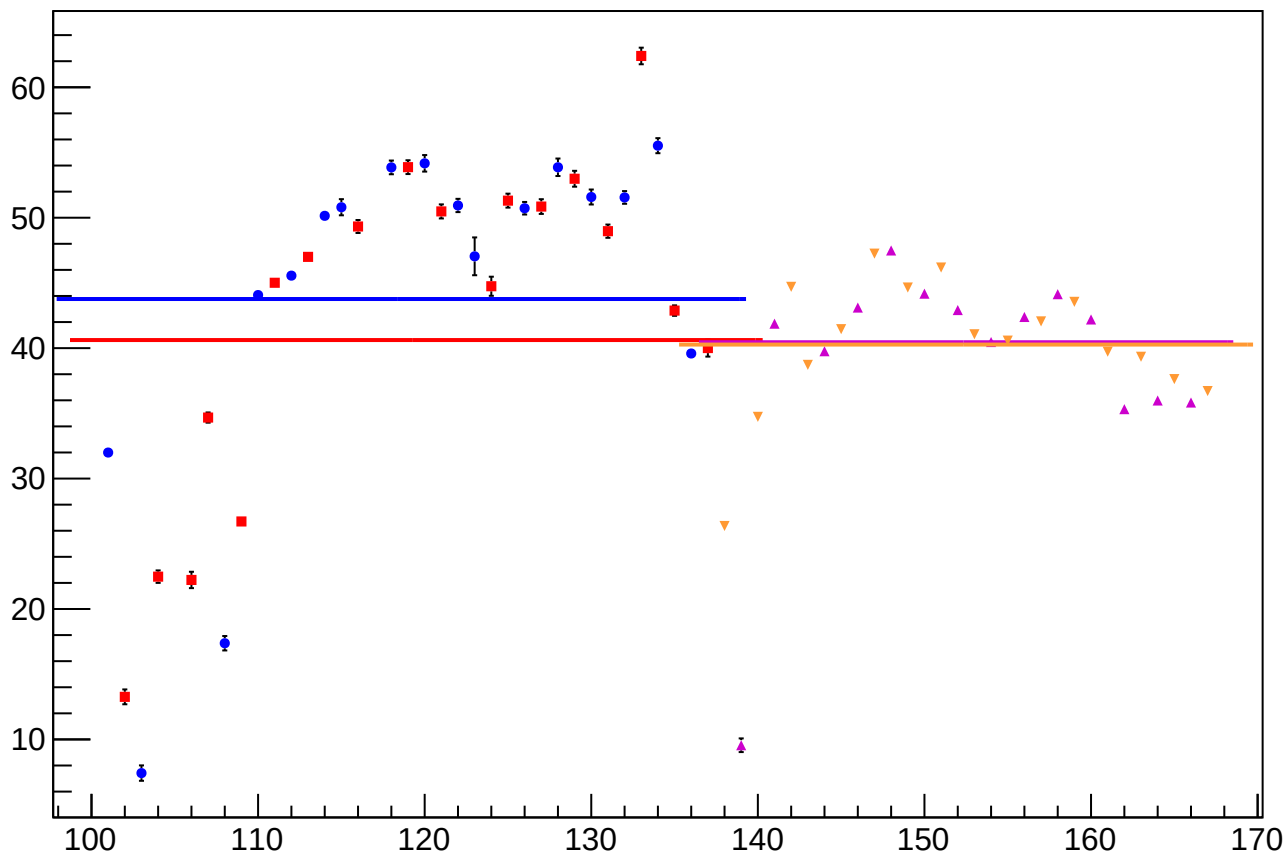
Right: -48.462+/-0.081 χ^2/NDF : 25759.4/34

In: -38.043+/-0.066 χ^2/NDF : 35157.9/30

Out: -38.092+/-0.060 χ^2/NDF : 31666.7/33

All: -38.069+/-0.045 χ^2/NDF : 66824.9/64

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.274 $\pm$ 0.061 χ^2 /NDF: 5302.4/15

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 40.453 $\pm$ 0.066 χ^2 /NDF: 6409.6/13

Left: 40.356 $\pm$ 0.045 χ^2 /NDF: 11715.9/29

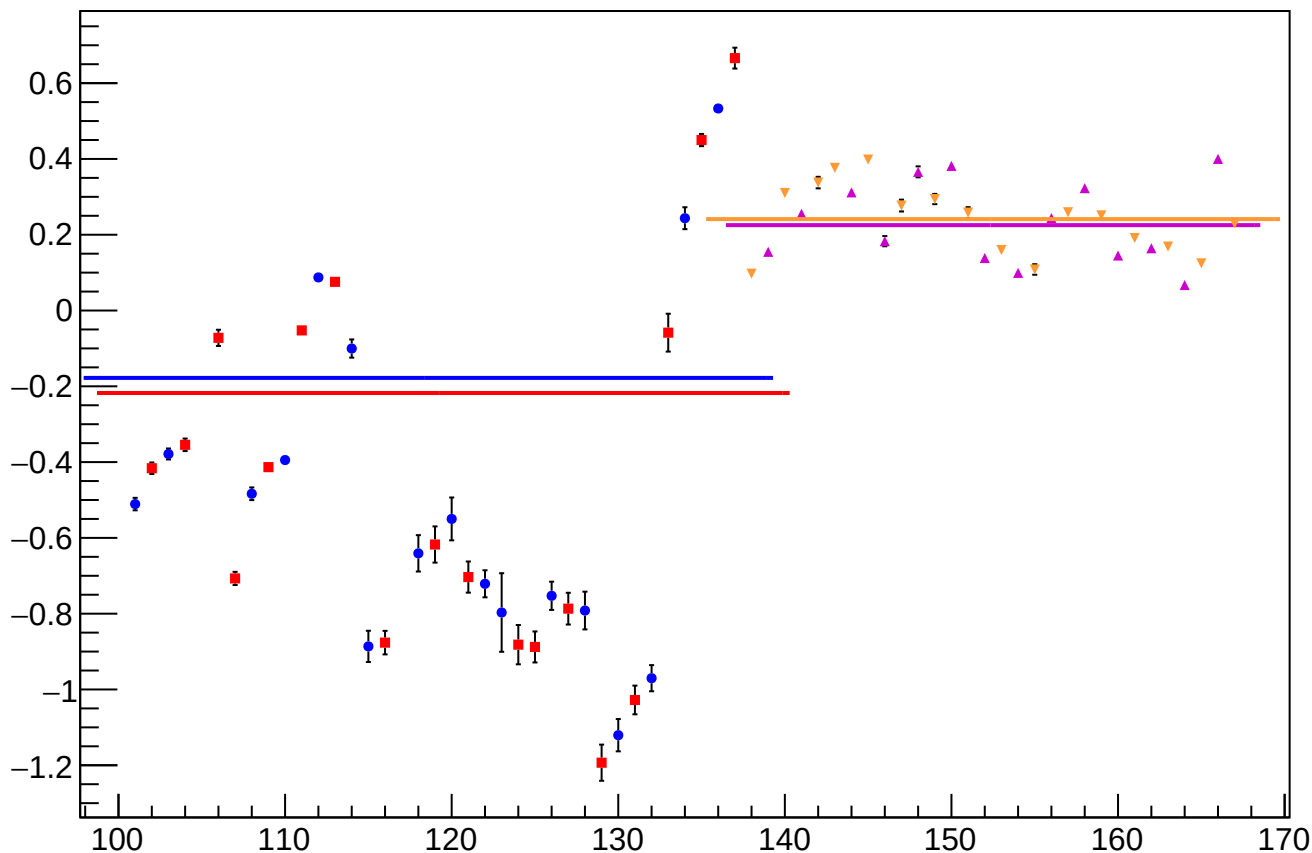
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 41.675 $\pm$ 0.053 χ^2 /NDF: 17963.1/30

Out: 40.401 $\pm$ 0.049 χ^2 /NDF: 22271.6/33

All: 40.987 $\pm$ 0.036 χ^2 /NDF: 40549.9/64

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: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.225 ± 0.003 χ^2/NDF : 1110.1/13

Left: 0.234 ± 0.002 χ^2/NDF : 2082.7/29

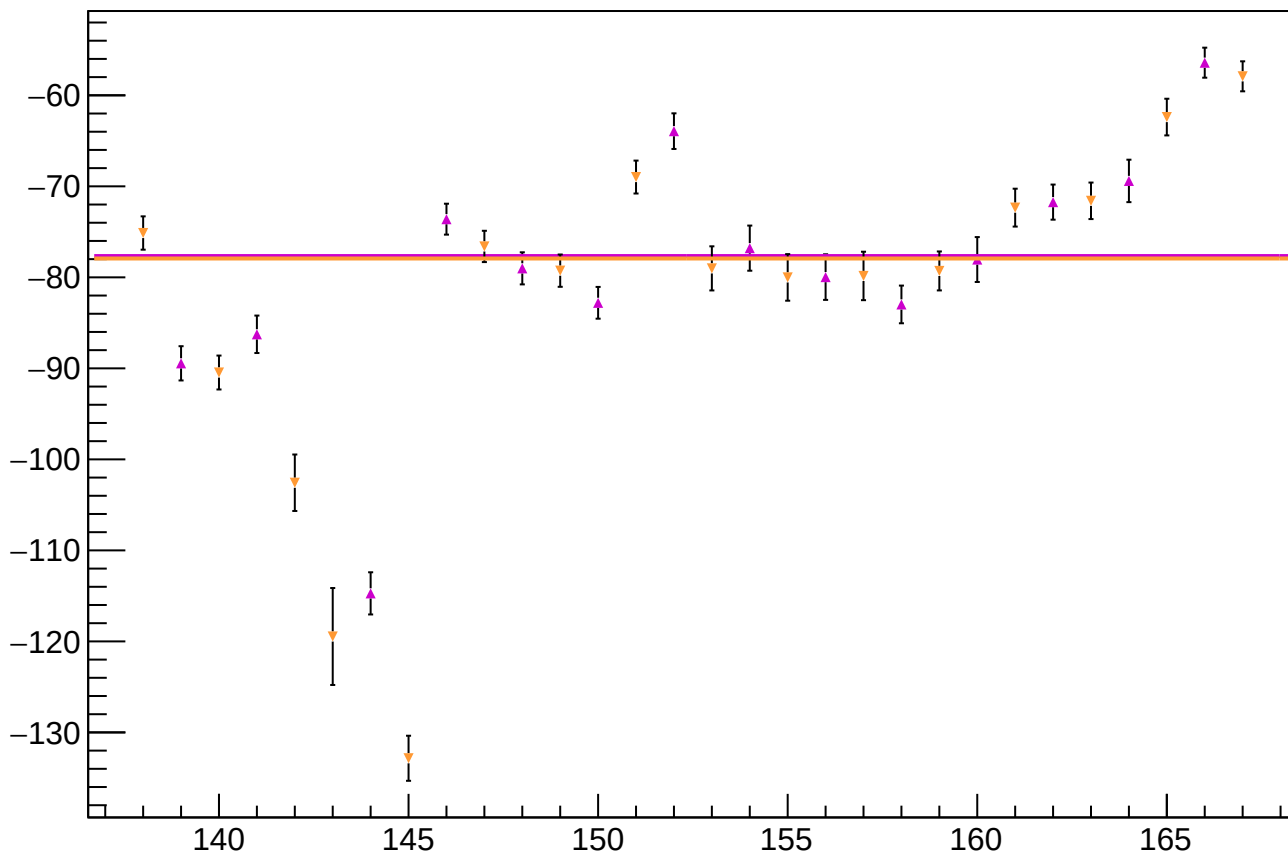
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.108 ± 0.003 χ^2/NDF : 13390.1/30

Out: 0.099 ± 0.002 χ^2/NDF : 16224.1/33

All: 0.103 ± 0.002 χ^2/NDF : 29620.7/64

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



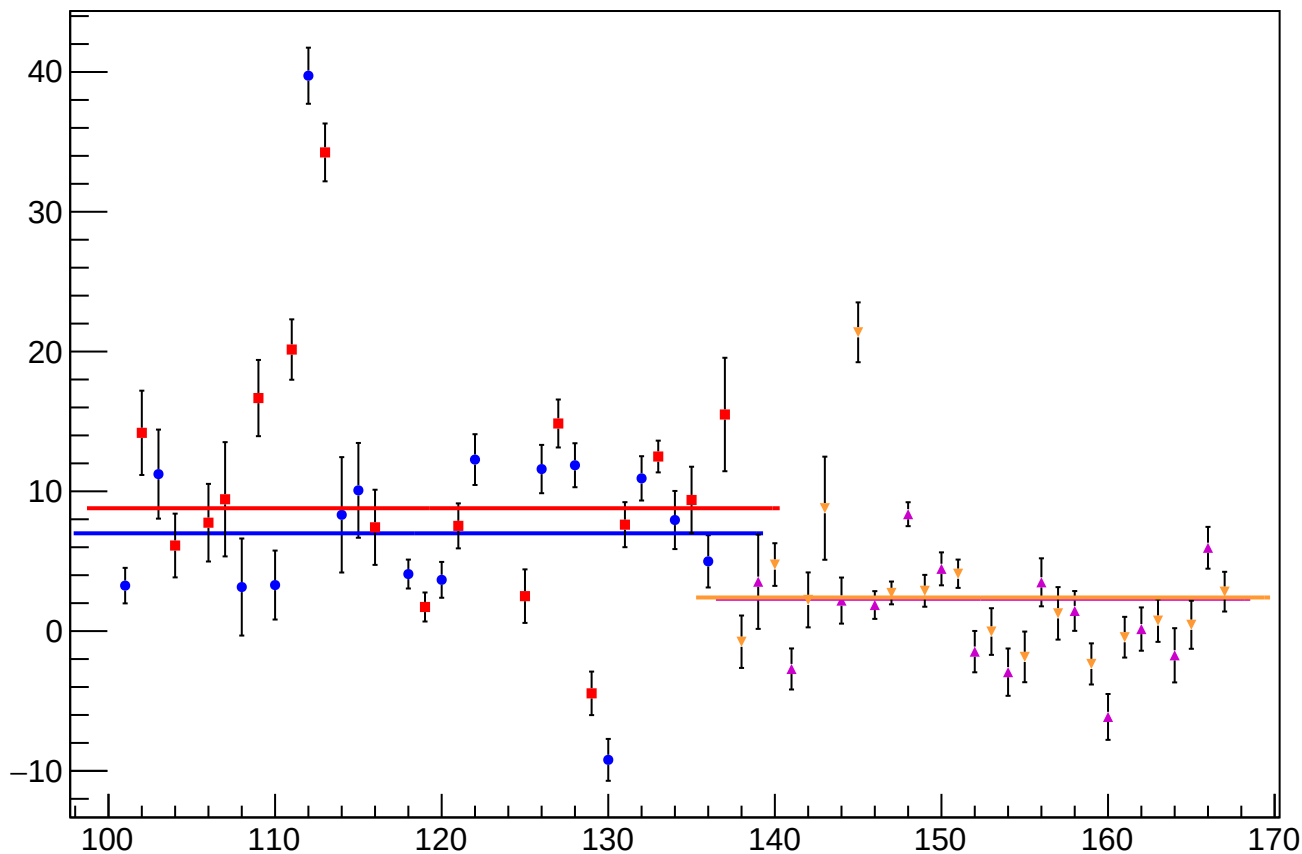
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -77.929+/-0.525 χ^2/NDF : 915.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.661+/-0.534 χ^2/NDF : 572.0/13

Left: -77.798+/-0.375 χ^2/NDF : 1487.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.661+/-0.534 χ^2/NDF : 572.0/13
 Out: -77.929+/-0.525 χ^2/NDF : 915.0/15

All: -77.798+/-0.375 χ^2/NDF : 1487.1/29

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.405 $\pm$ 0.361 χ^2 /NDF:114.8/15

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 2.312 $\pm$ 0.374 χ^2 /NDF:121.1/13

Left: 2.360 $\pm$ 0.260 χ^2 /NDF: 235.9/29

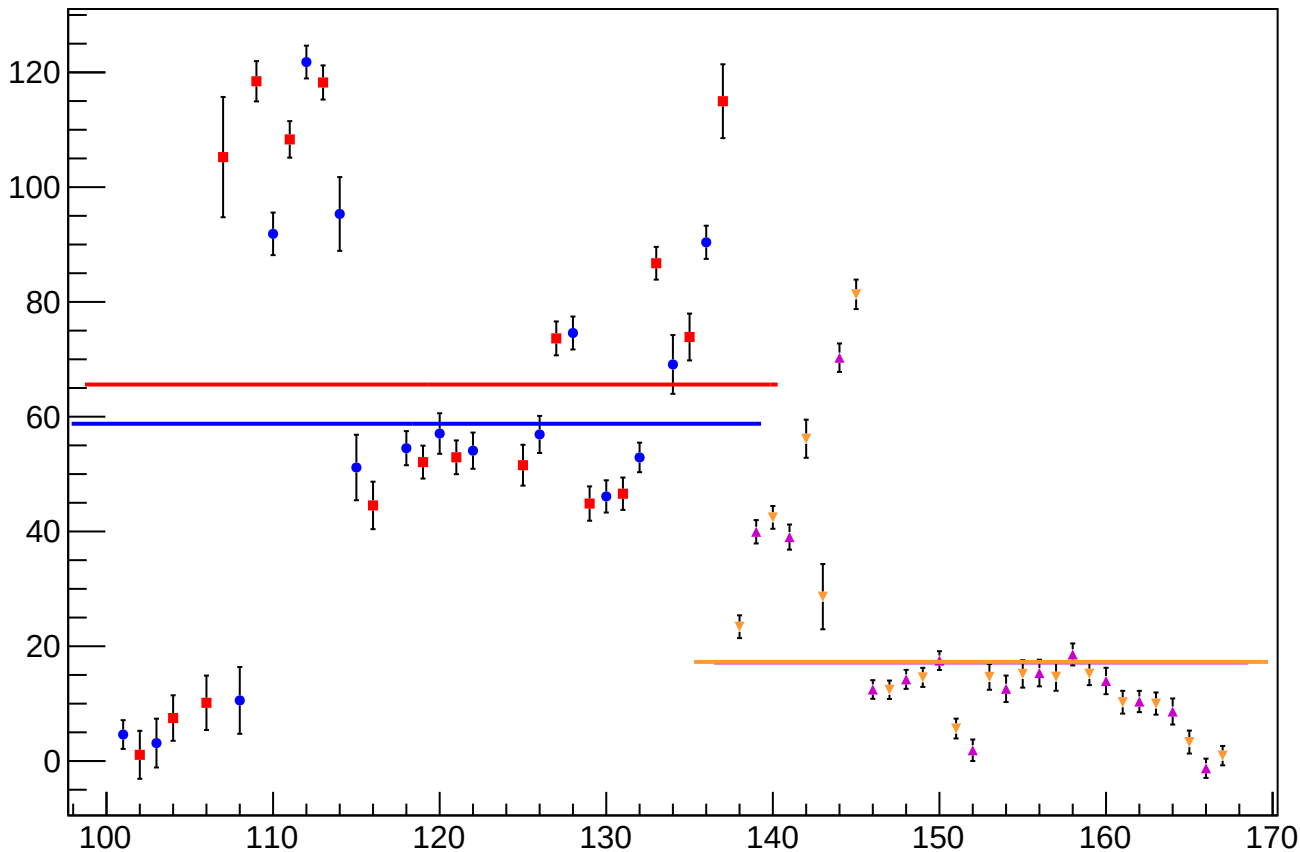
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 4.305 $\pm$ 0.283 χ^2 /NDF:633.3/29

Out: 4.911 $\pm$ 0.282 χ^2 /NDF:586.3/32

All: 4.610 $\pm$ 0.200 χ^2 /NDF: 1221.9/62

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: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 17.176 $\pm$ 0.520 χ^2 /NDF:917.2/13

Left: 17.226 $\pm$ 0.366 χ^2 /NDF: 2080.8/29

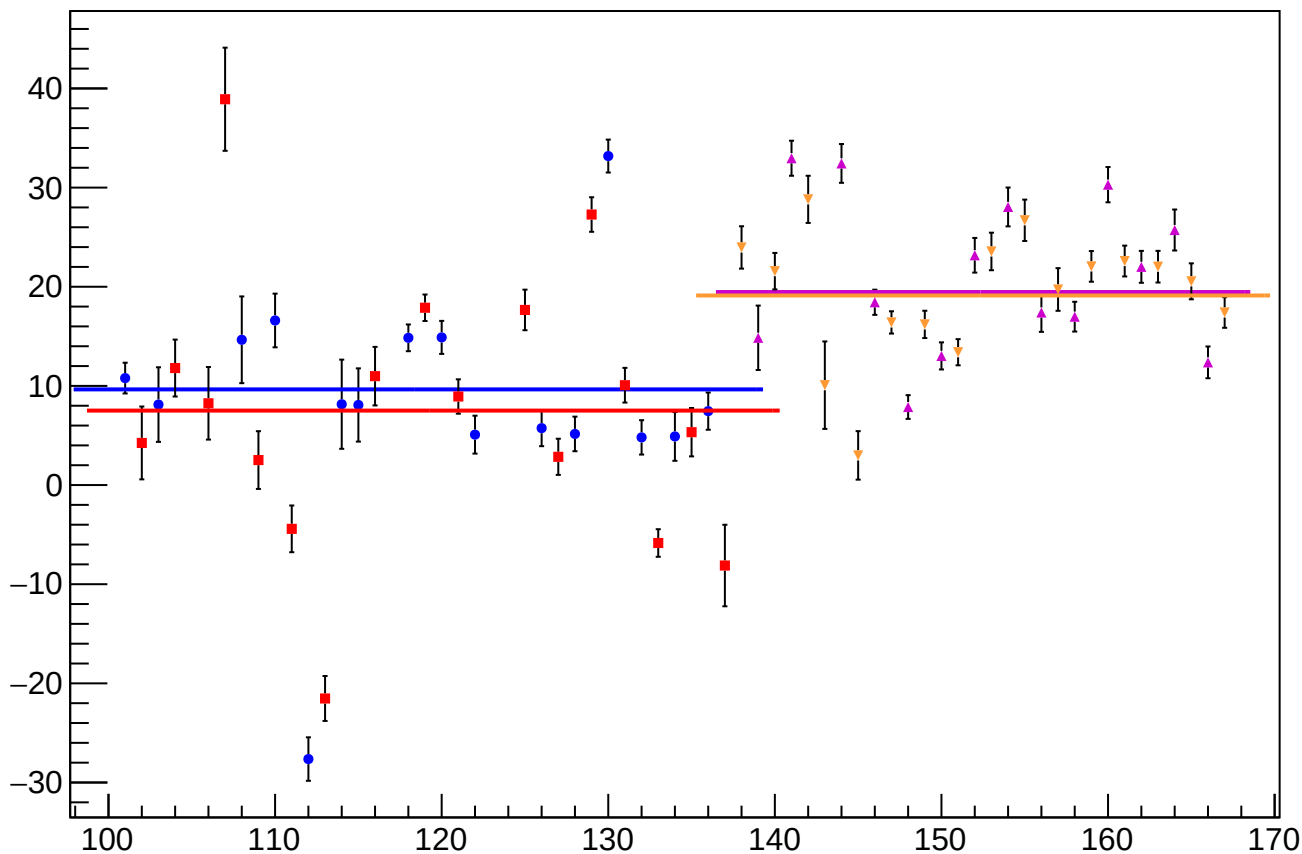
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 28.853 $\pm$ 0.441 χ^2 /NDF:4204.2/29

Out: 30.340 $\pm$ 0.439 χ^2 /NDF:5177.6/32

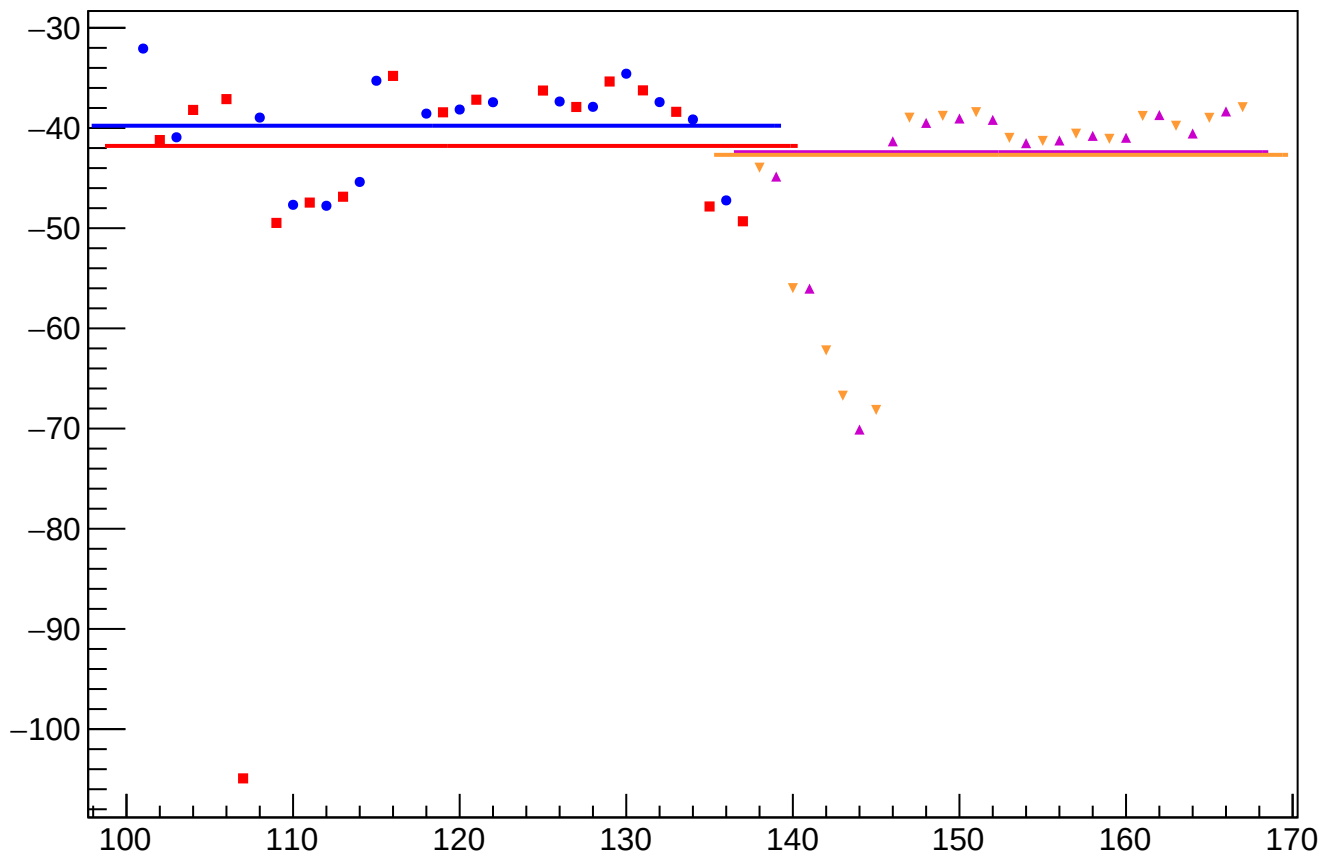
All: 29.600 $\pm$ 0.311 χ^2 /NDF: 9387.5/62

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 19.287 ± 0.307 $\chi^2/\text{NDF}: 450.4/29$
 Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$
 In: 15.194 ± 0.331 $\chi^2/\text{NDF}: 1086.7/29$
 Out: 14.402 ± 0.329 $\chi^2/\text{NDF}: 997.1/32$
 All: 14.796 ± 0.233 $\chi^2/\text{NDF}: 2086.7/62$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -42.677 ± 0.021 $\chi^2/\text{NDF}: 140470.4/15$

Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$

Left In: -42.414 ± 0.021 $\chi^2/\text{NDF}: 102921.6/13$

Left: -42.547 ± 0.015 $\chi^2/\text{NDF}: 243473.2/29$

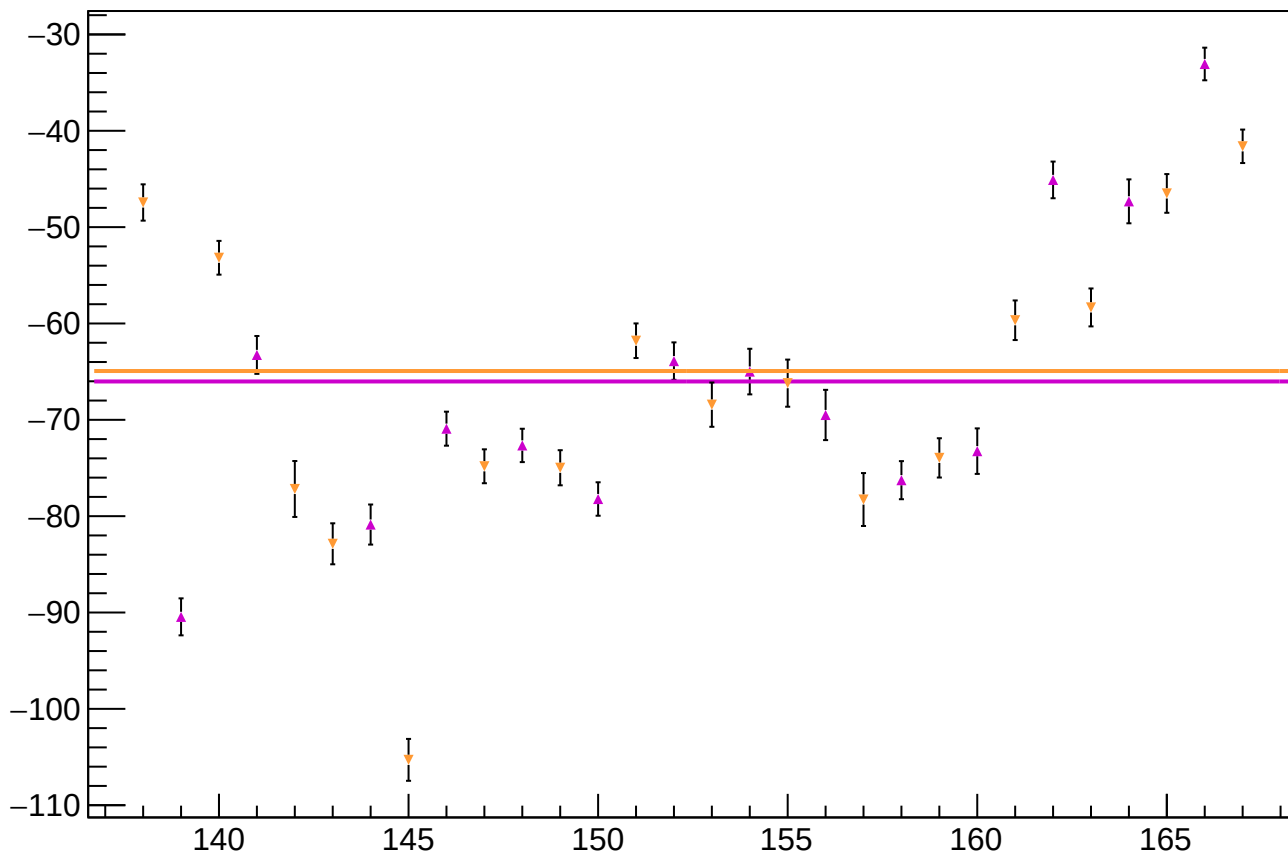
Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$

In: -41.599 ± 0.017 $\chi^2/\text{NDF}: 134091.7/29$

Out: -42.410 ± 0.017 $\chi^2/\text{NDF}: 234041.6/32$

All: -42.007 ± 0.012 $\chi^2/\text{NDF}: 369241.5/62$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



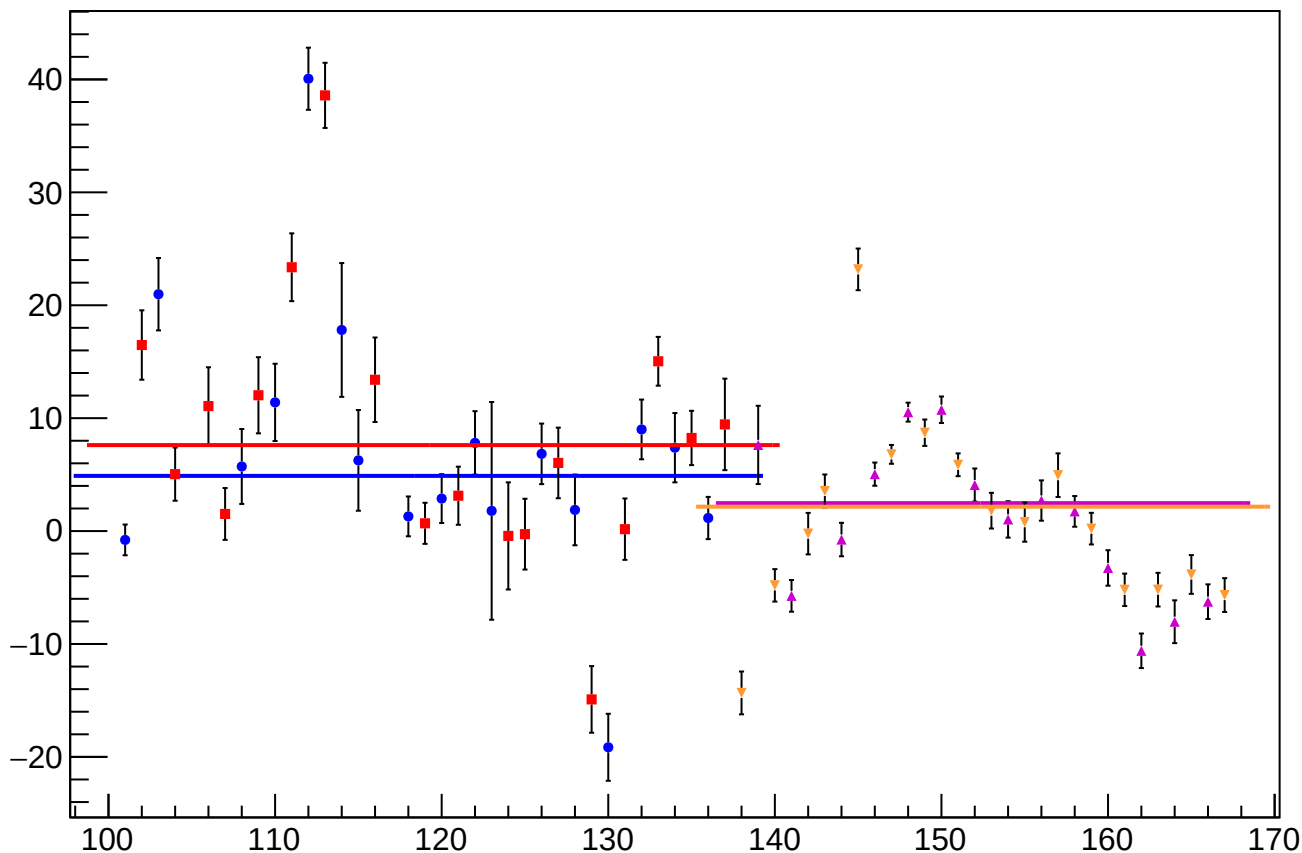
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -64.935+/-0.507 χ^2/NDF :957.6/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -66.018+/-0.528 χ^2/NDF :892.9/13

Left: -65.455+/-0.365 χ^2/NDF : 1852.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -66.018+/-0.528 χ^2/NDF :892.9/13
 Out: -64.935+/-0.507 χ^2/NDF :957.6/15

All: -65.455+/-0.365 χ^2/NDF : 1852.7/29

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 2.161 ± 0.349 $\chi^2/\text{NDF}: 402.2/15$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: 2.474 ± 0.368 $\chi^2/\text{NDF}: 341.2/13$

Left: 2.310 ± 0.253 $\chi^2/\text{NDF}: 743.8/29$

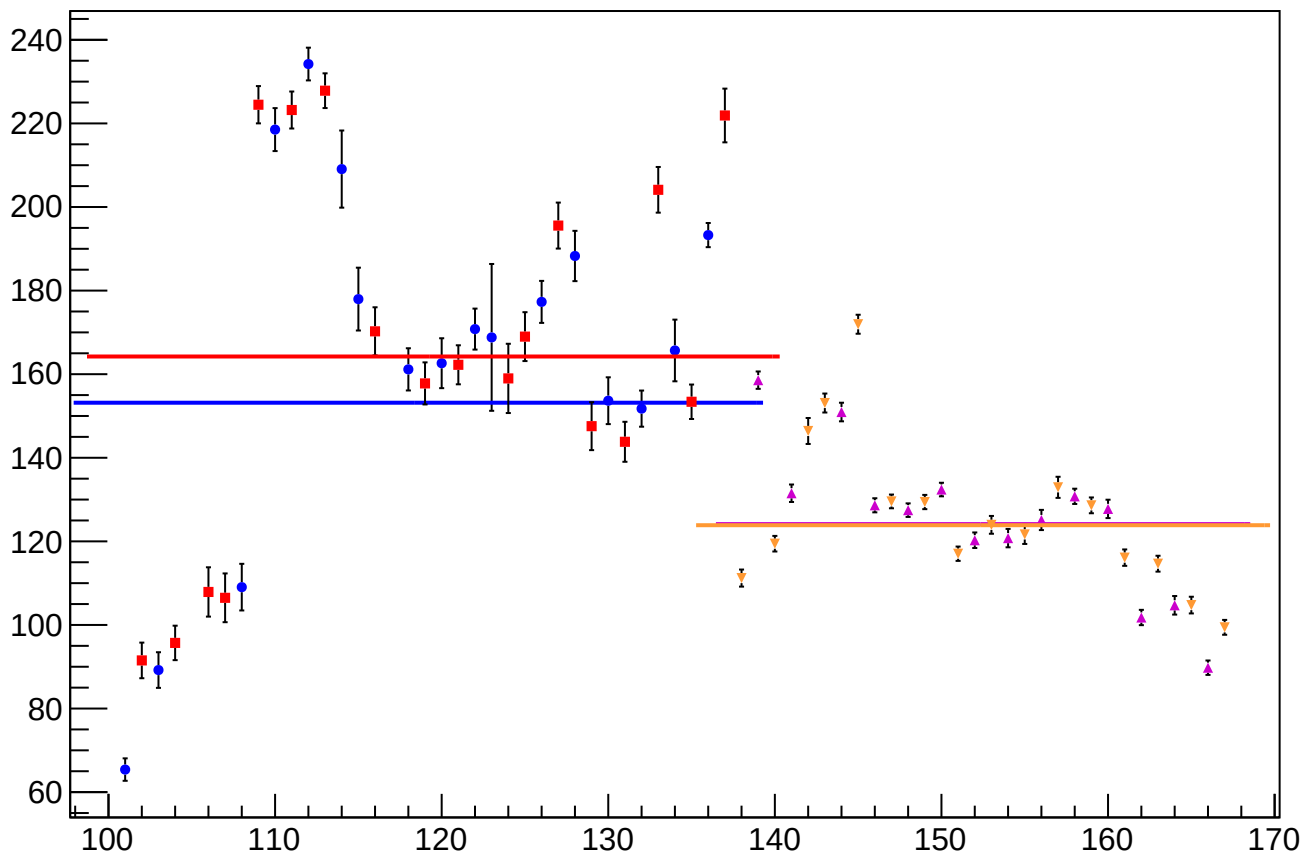
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 3.100 ± 0.317 $\chi^2/\text{NDF}: 647.1/30$

Out: 3.376 ± 0.308 $\chi^2/\text{NDF}: 725.7/33$

All: 3.242 ± 0.221 $\chi^2/\text{NDF}: 1373.2/64$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 123.865+/-0.498 χ^2/NDF :1089.5/15

Right Out: 164.232+/-1.183 χ^2/NDF : 1554.8/17

Left In: 124.133+/-0.514 χ^2/NDF :1114.9/13

Left: 123.995+/-0.358 χ^2/NDF : 2204.5/29

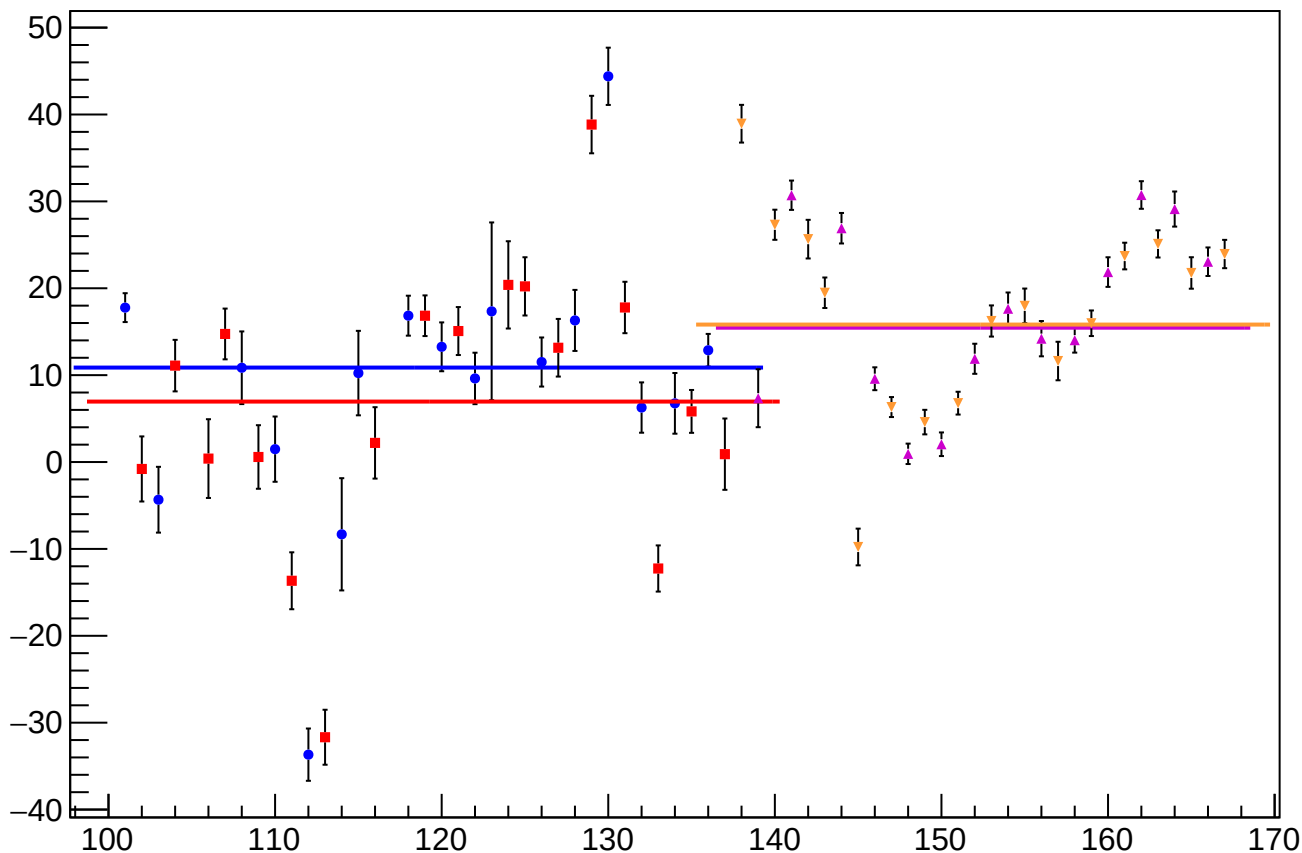
Right: 158.528+/-0.823 χ^2/NDF : 3864.1/34

In: 128.995+/-0.469 χ^2/NDF :3913.5/30

Out: 129.948+/-0.459 χ^2/NDF :3632.9/33

All: 129.481+/-0.328 χ^2/NDF : 7548.5/64

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 15.821 $\pm$ 0.413 χ^2 /NDF:608.9/15

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 15.462 $\pm$ 0.434 χ^2 /NDF:580.6/13

Left: 15.651 $\pm$ 0.299 χ^2 /NDF: 1189.9/29

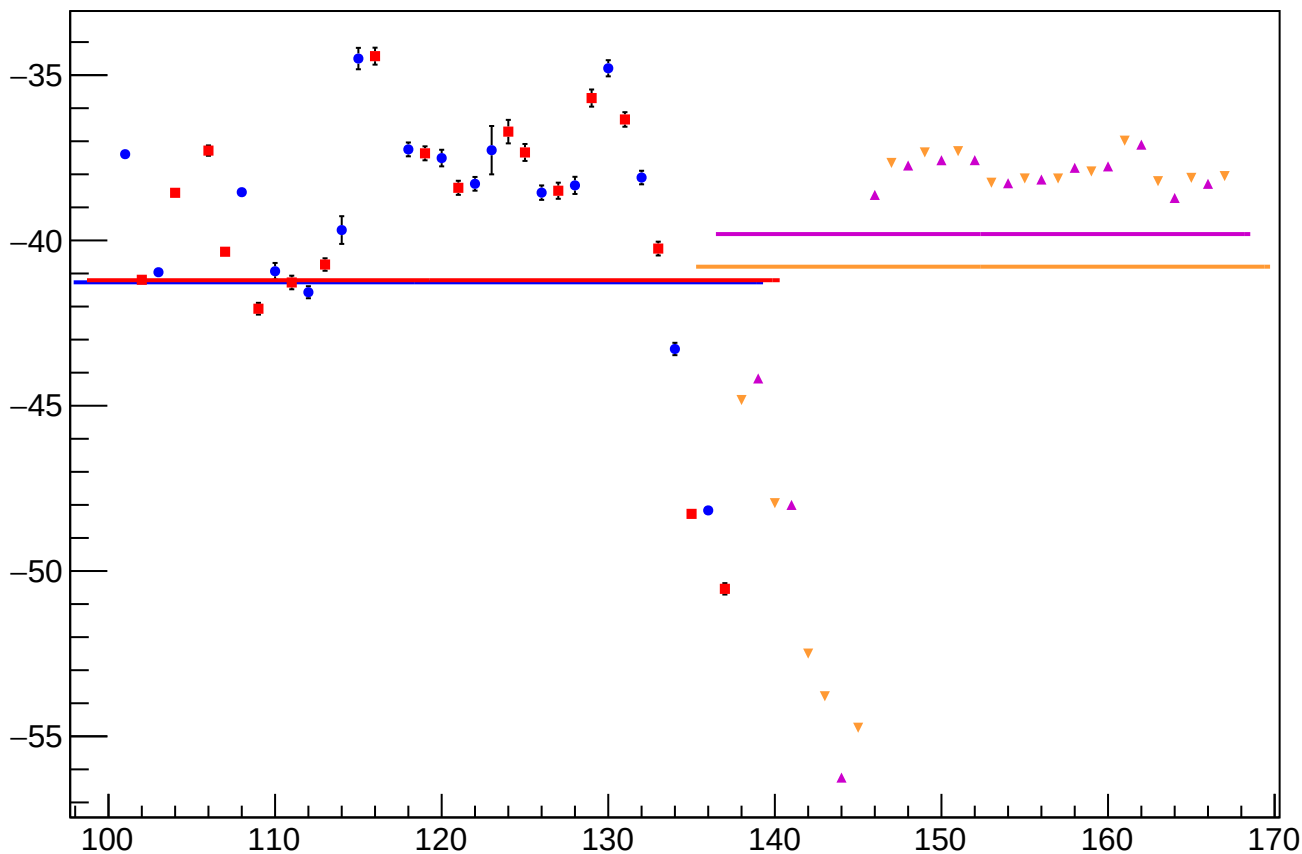
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.226 $\pm$ 0.371 χ^2 /NDF:997.5/30

Out: 13.758 $\pm$ 0.361 χ^2 /NDF:1138.6/33

All: 13.986 $\pm$ 0.259 χ^2 /NDF: 2136.9/64

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -40.794 ± 0.020 $\chi^2/\text{NDF}: 80852.5/15$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.808 ± 0.021 $\chi^2/\text{NDF}: 48865.8/13$

Left: -40.316 ± 0.014 $\chi^2/\text{NDF}: 130912.3/29$

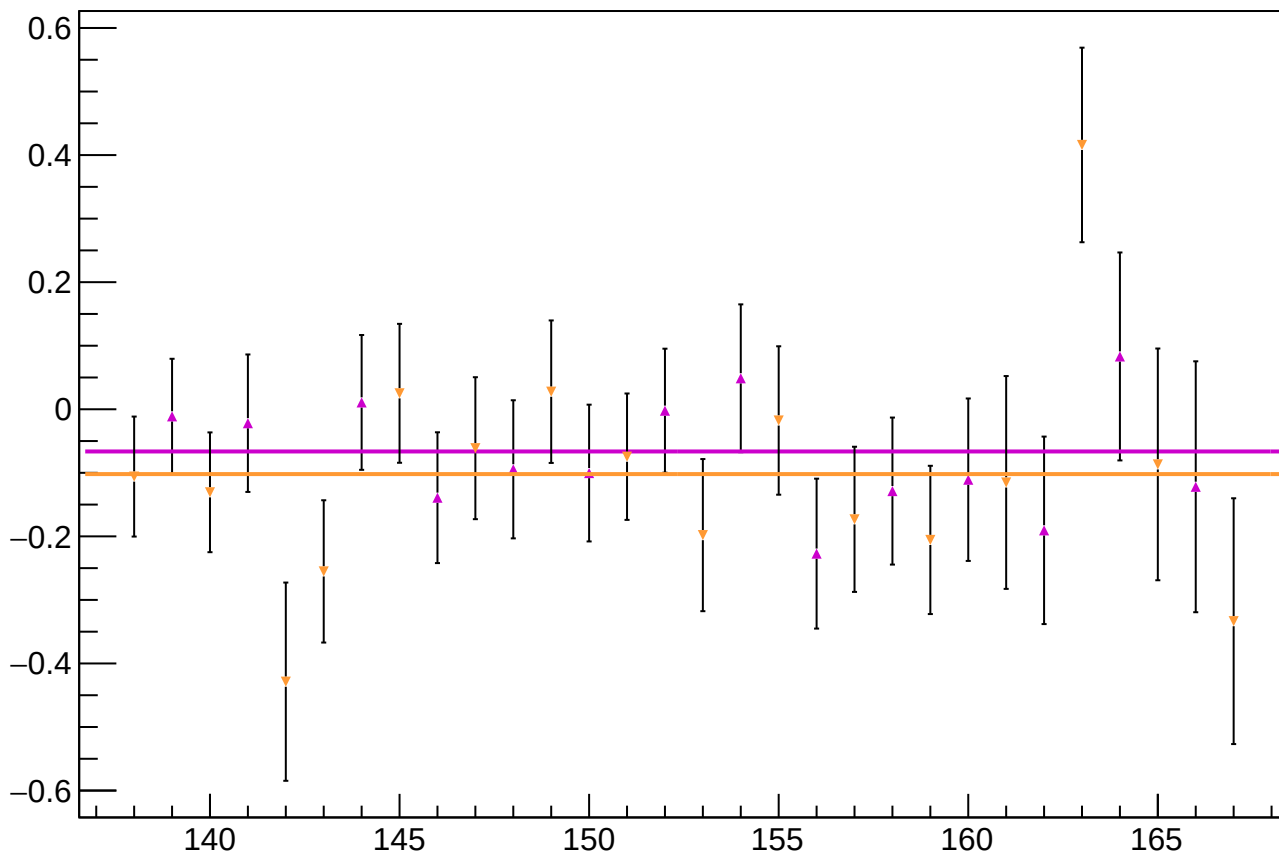
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -40.130 ± 0.018 $\chi^2/\text{NDF}: 62566.0/30$

Out: -40.879 ± 0.018 $\chi^2/\text{NDF}: 92949.2/33$

All: -40.513 ± 0.013 $\chi^2/\text{NDF}: 156392.1/64$

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: -0.066 $\pm$ 0.031 χ^2 /NDF:7.0/13

Left: -0.085 $\pm$ 0.021 χ^2 /NDF: 32.2/29

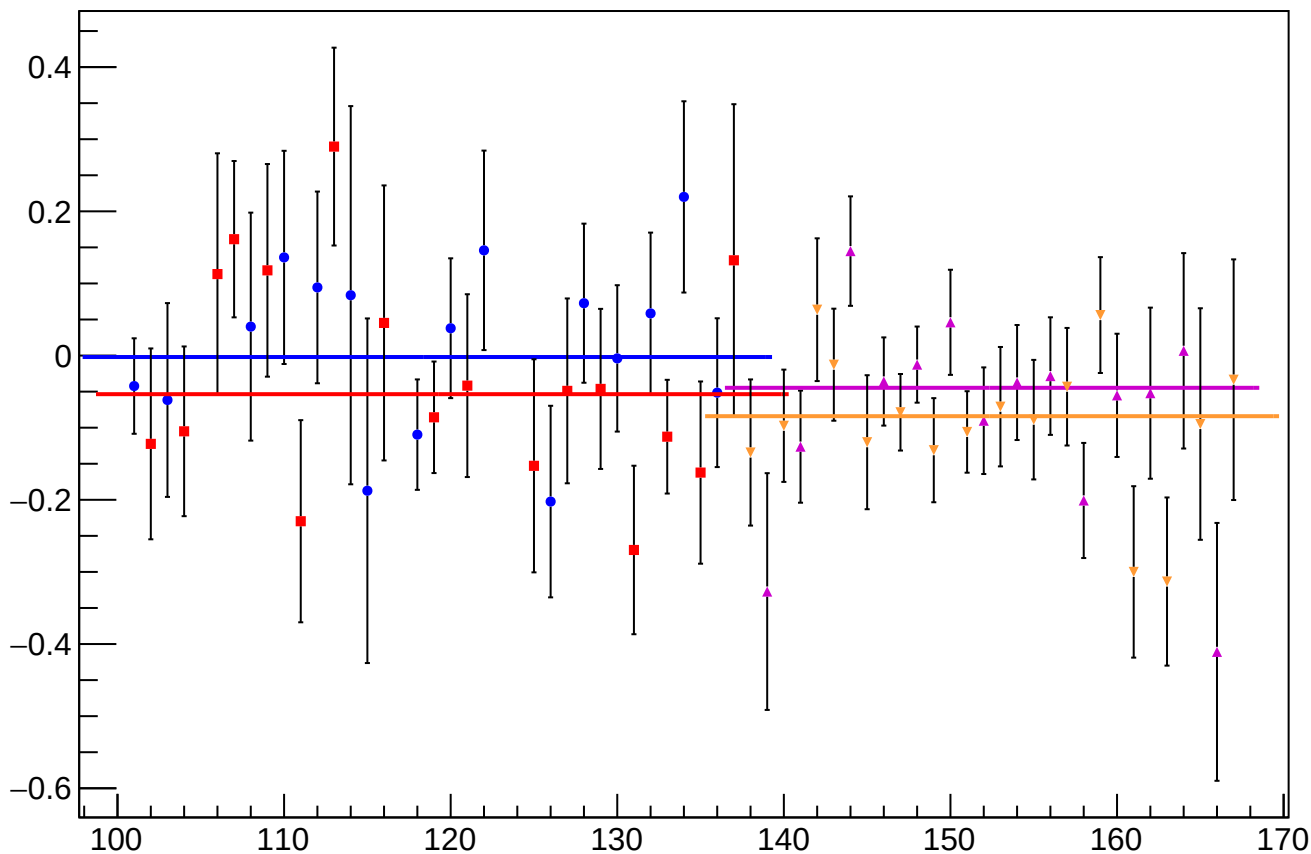
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.066 $\pm$ 0.031 χ^2 /NDF:7.0/13

Out: -0.102 $\pm$ 0.030 χ^2 /NDF:24.5/15

All: -0.085 $\pm$ 0.021 χ^2 /NDF: 32.2/29

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.084 ± 0.021 $\chi^2/\text{NDF}: 14.7/15$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.045 ± 0.022 $\chi^2/\text{NDF}: 20.9/13$

Left: -0.065 ± 0.015 $\chi^2/\text{NDF}: 37.3/29$

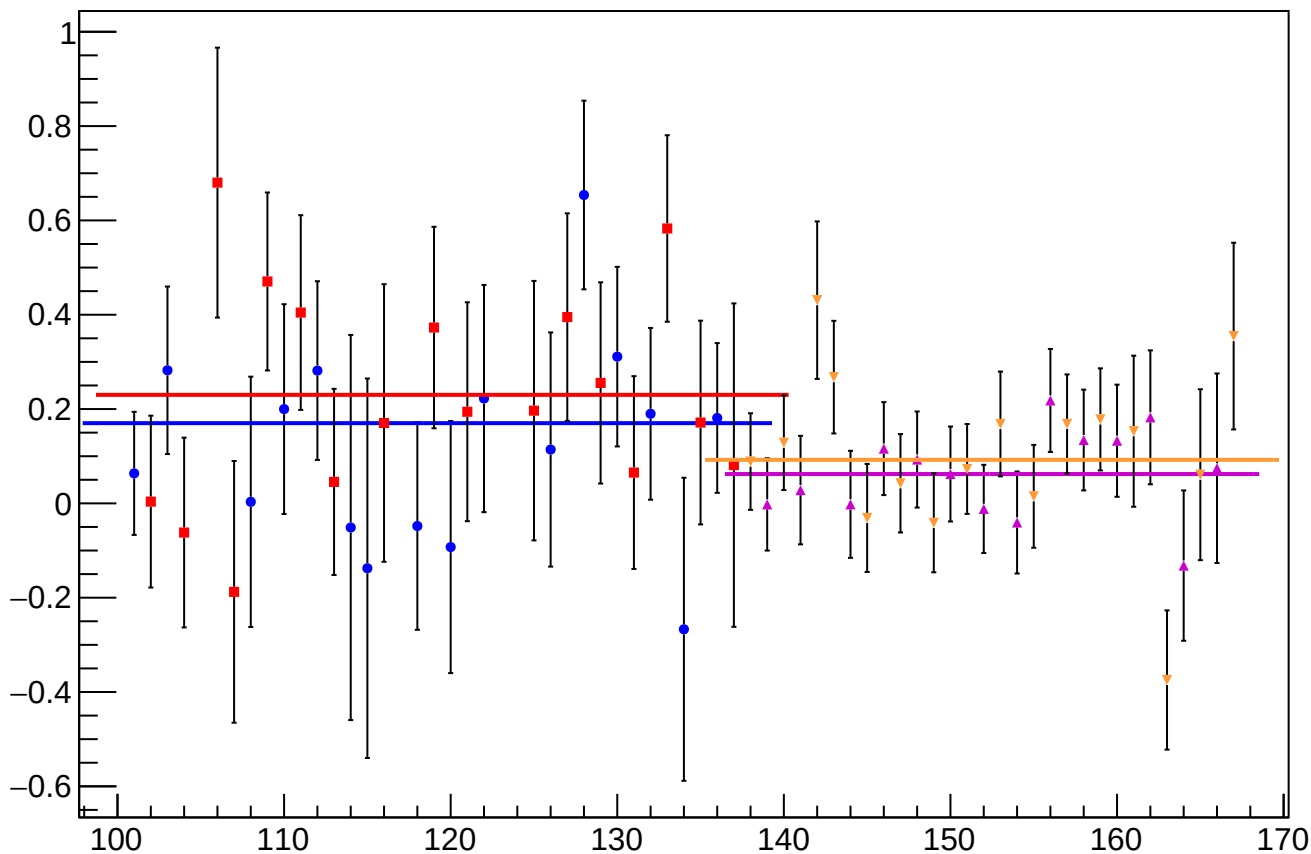
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.029 ± 0.017 $\chi^2/\text{NDF}: 34.4/29$

Out: -0.074 ± 0.017 $\chi^2/\text{NDF}: 36.3/32$

All: -0.052 ± 0.012 $\chi^2/\text{NDF}: 74.2/62$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.092 ± 0.029 $\chi^2/\text{NDF}: 23.5/15$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.062 ± 0.030 $\chi^2/\text{NDF}: 7.8/13$

Left: 0.078 ± 0.021 $\chi^2/\text{NDF}: 31.8/29$

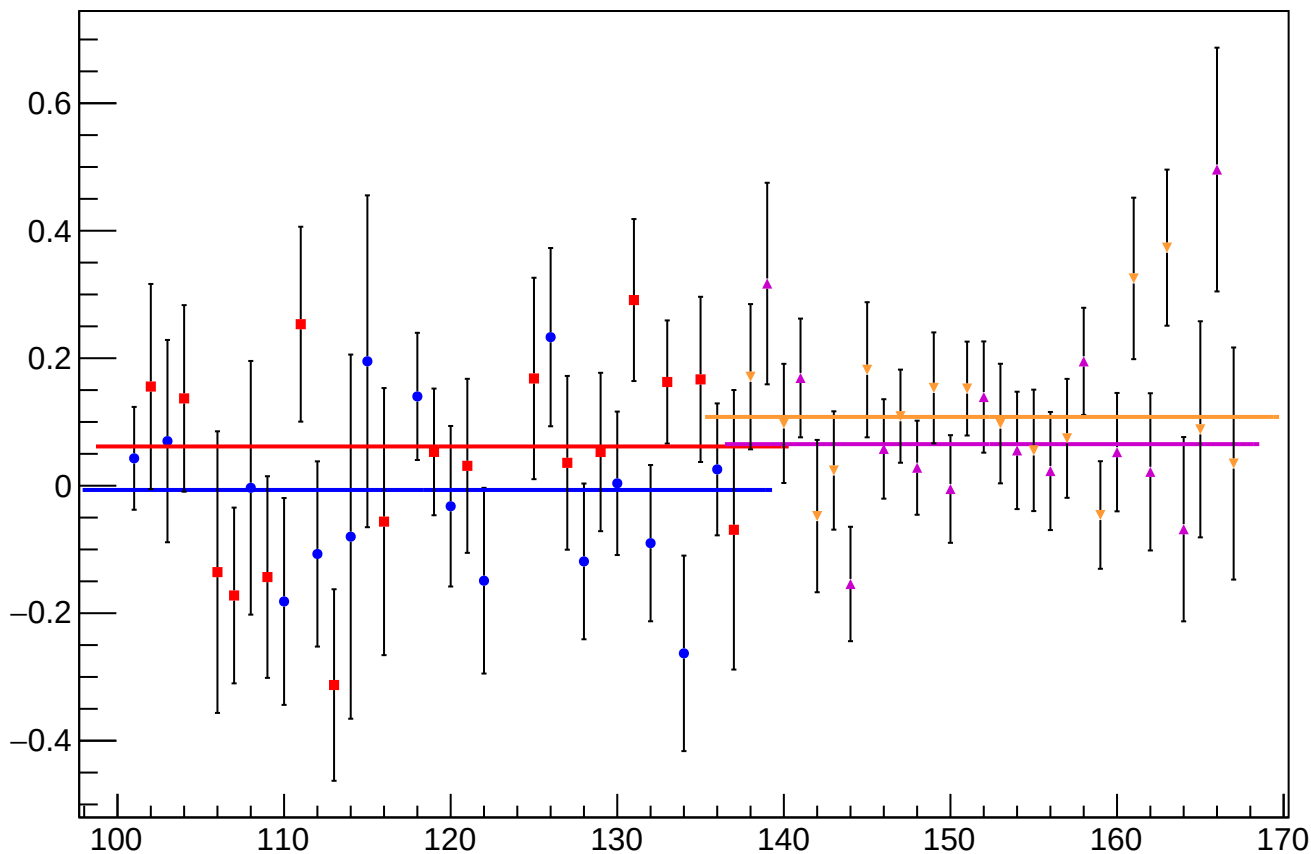
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.089 ± 0.026 $\chi^2/\text{NDF}: 24.0/29$

Out: 0.124 ± 0.026 $\chi^2/\text{NDF}: 45.3/32$

All: 0.107 ± 0.018 $\chi^2/\text{NDF}: 70.3/62$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.108 ± 0.025 $\chi^2/\text{NDF}: 15.5/15$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.065 ± 0.026 $\chi^2/\text{NDF}: 20.1/13$

Left: 0.087 ± 0.018 $\chi^2/\text{NDF}: 37.1/29$

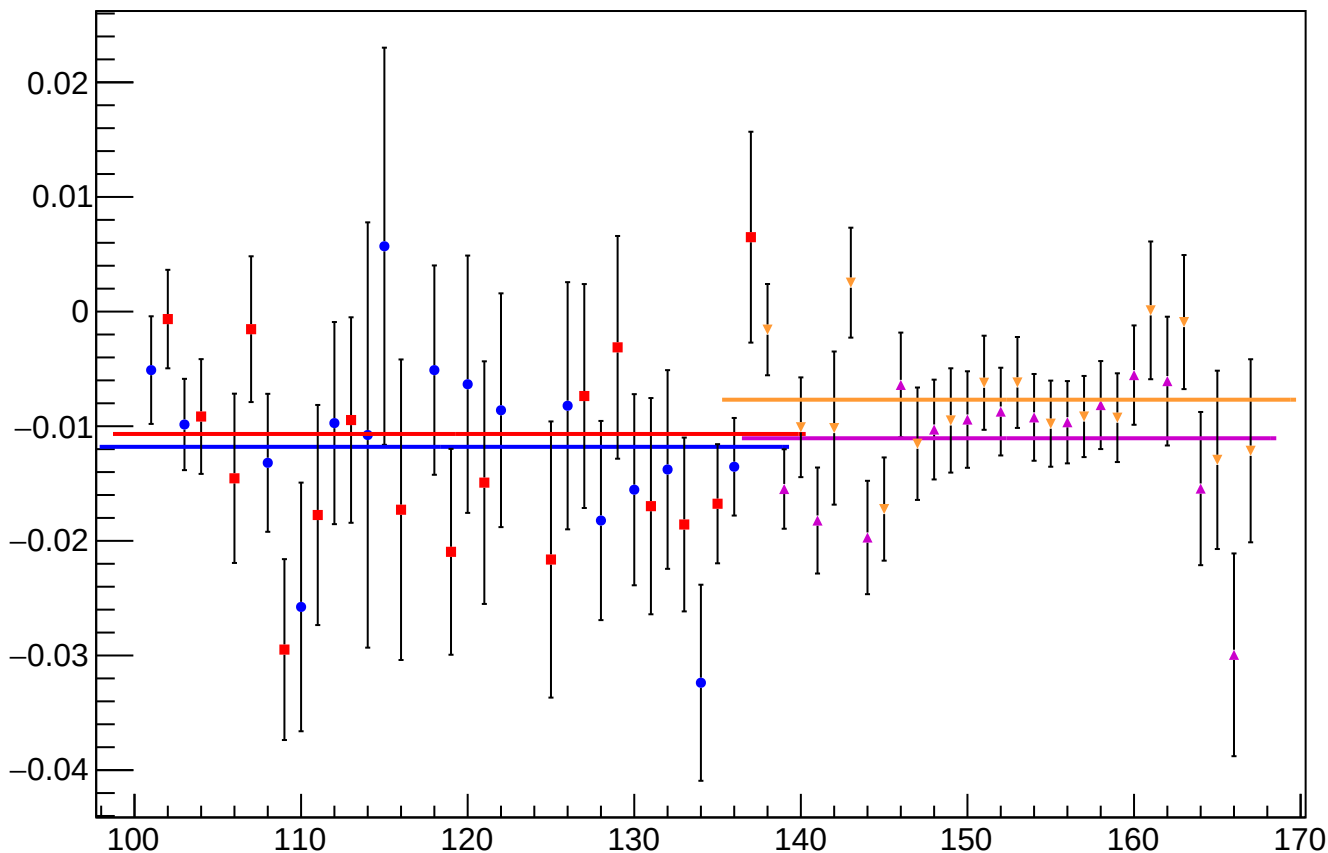
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.038 ± 0.020 $\chi^2/\text{NDF}: 36.3/29$

Out: 0.092 ± 0.020 $\chi^2/\text{NDF}: 36.8/32$

All: 0.065 ± 0.014 $\chi^2/\text{NDF}: 76.7/62$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 17.3/15

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.011 ± 0.001 χ^2/NDF : 17.0/13

Left: -0.009 ± 0.001 χ^2/NDF : 38.5/29

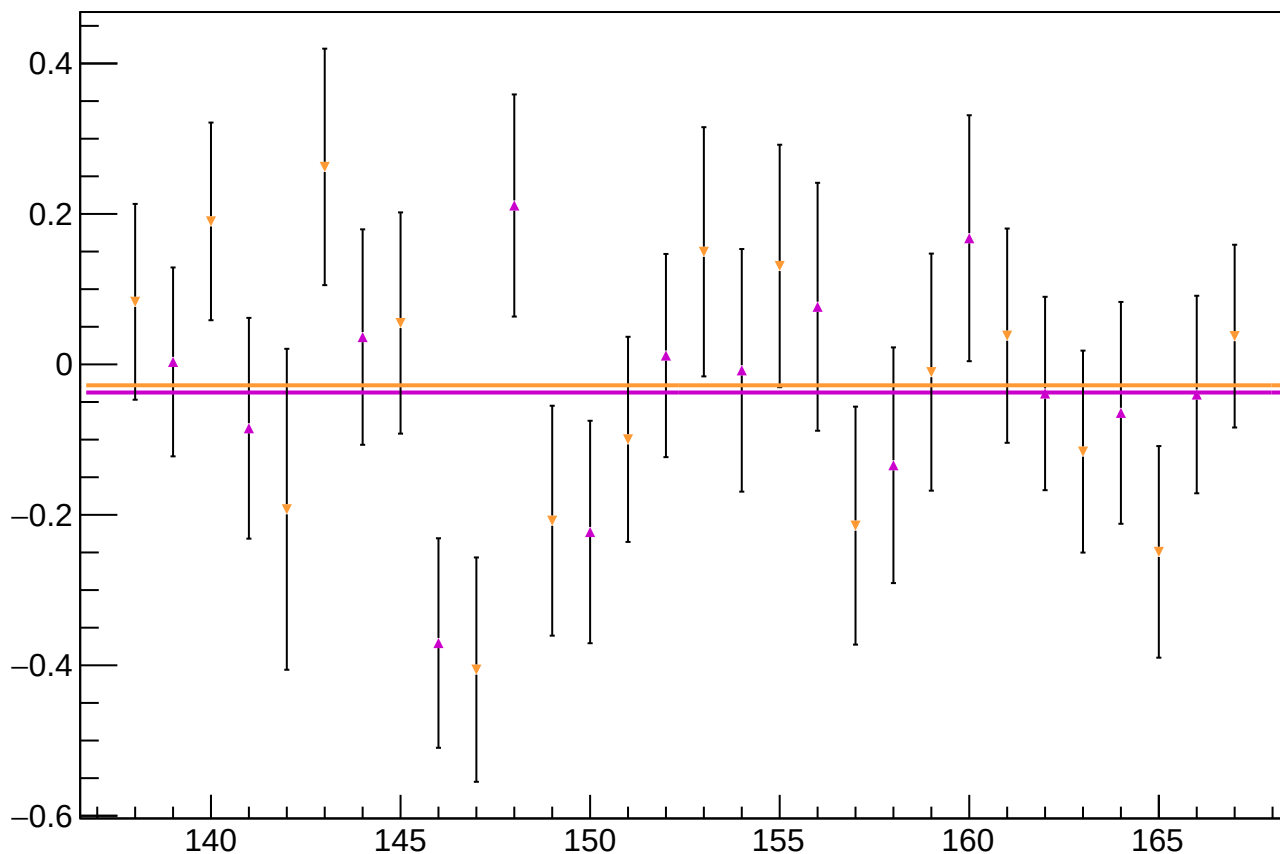
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 30.0/29

Out: -0.009 ± 0.001 χ^2/NDF : 43.0/32

All: -0.010 ± 0.001 χ^2/NDF : 76.9/62

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: -0.037 $\pm$ 0.039 χ^2 /NDF:13.2/13

Left: -0.032 $\pm$ 0.027 χ^2 /NDF: 36.1/29

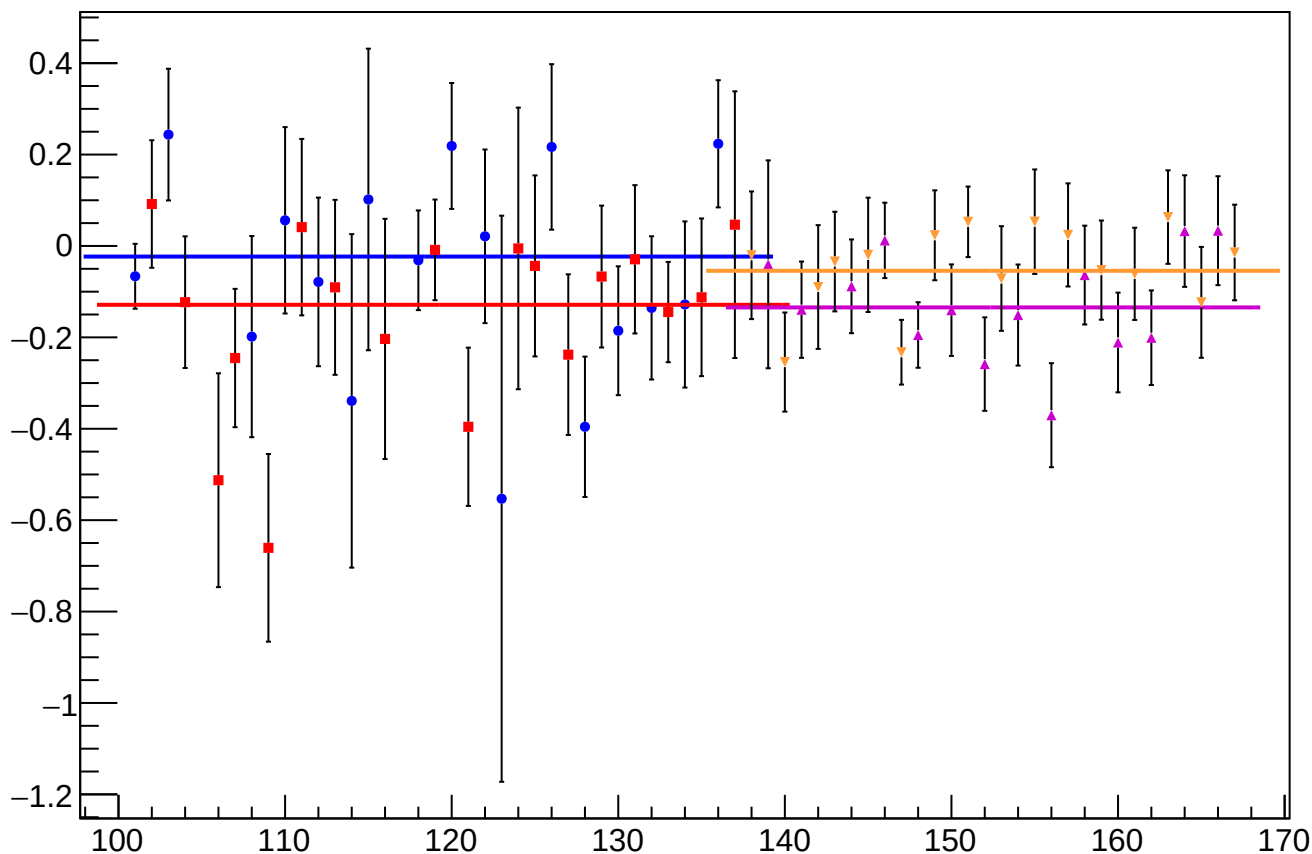
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.037 $\pm$ 0.039 χ^2 /NDF:13.2/13

Out: -0.028 $\pm$ 0.037 χ^2 /NDF:22.8/15

All: -0.032 $\pm$ 0.027 χ^2 /NDF: 36.1/29

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.037 χ^2/NDF : 22.4/16

Left Out: -0.054 $\pm$ 0.026 χ^2/NDF : 15.7/15

Right Out: -0.129 $\pm$ 0.039 χ^2/NDF : 18.6/17

Left In: -0.134 $\pm$ 0.028 χ^2/NDF : 15.2/13

Left: -0.092 $\pm$ 0.019 χ^2/NDF : 35.4/29

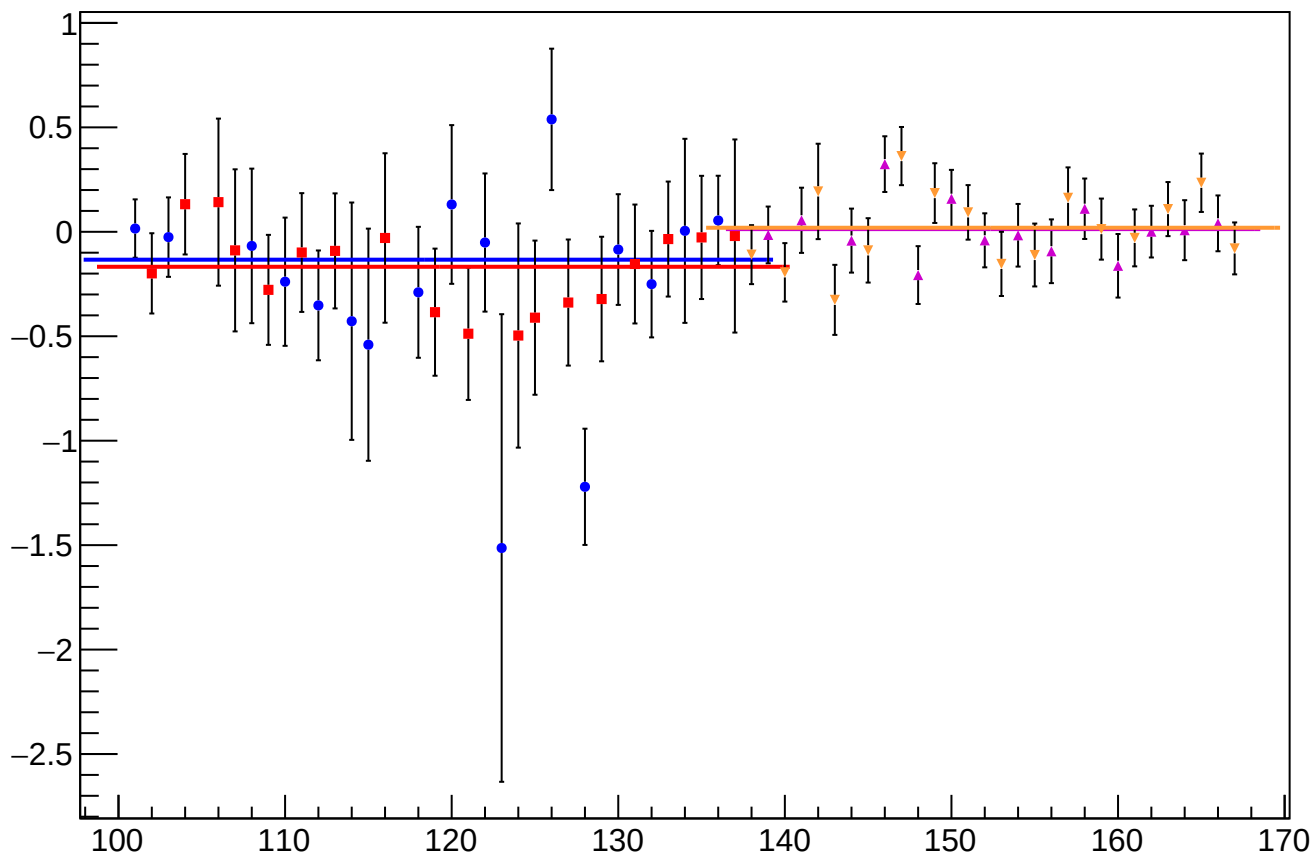
Right: -0.072 $\pm$ 0.027 χ^2/NDF : 44.9/34

In: -0.094 $\pm$ 0.022 χ^2/NDF : 43.5/30

Out: -0.077 $\pm$ 0.022 χ^2/NDF : 36.8/33

All: -0.085 $\pm$ 0.015 χ^2/NDF : 80.6/64

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.019 ± 0.036 χ^2/NDF : 22.8/15

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.013 ± 0.038 χ^2/NDF : 11.9/13

Left: 0.016 ± 0.026 χ^2/NDF : 34.7/29

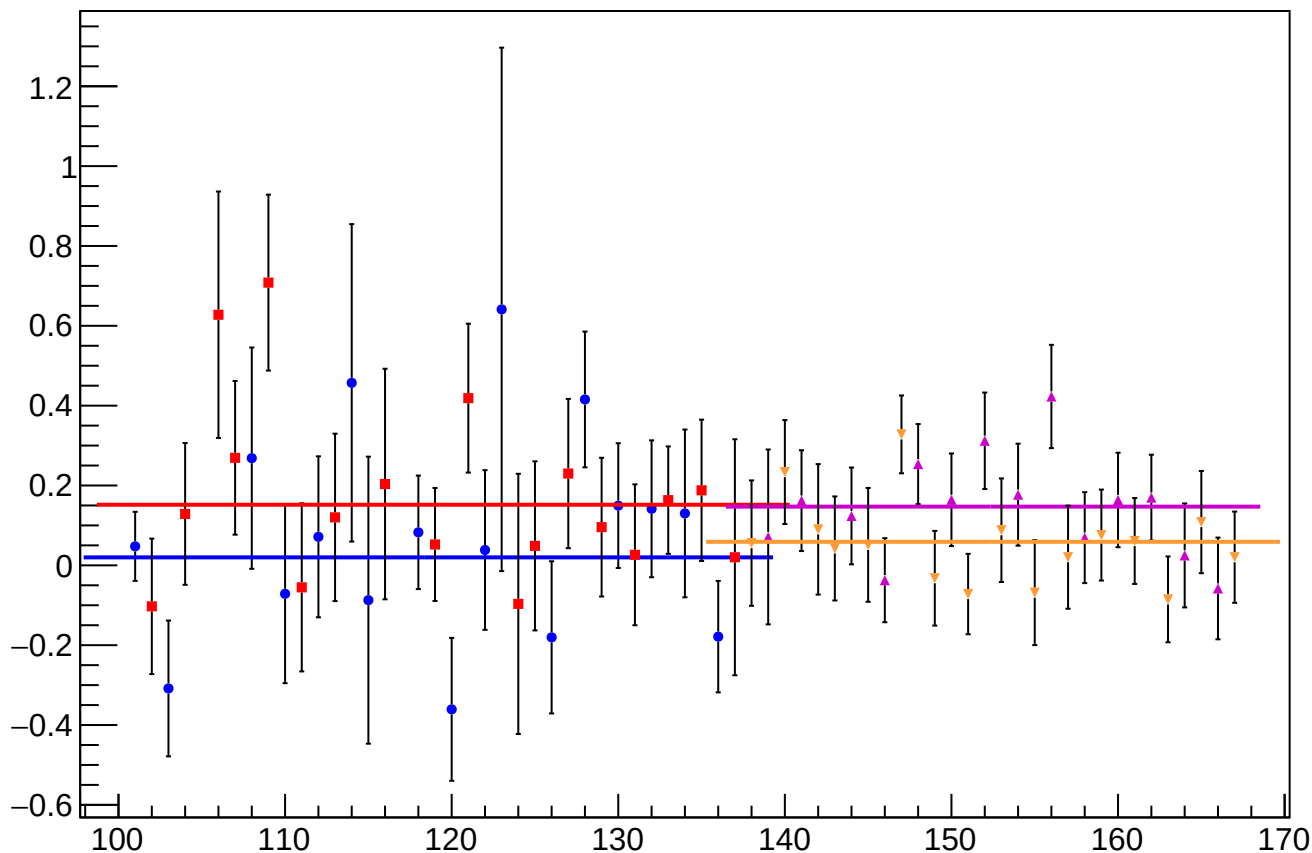
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.022 ± 0.033 χ^2/NDF : 41.2/30

Out: -0.019 ± 0.032 χ^2/NDF : 34.5/33

All: -0.021 ± 0.023 χ^2/NDF : 75.7/64

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: 16.8/17

Left In: 0.147 $\pm$ 0.032 χ^2 /NDF:14.9/13

Left: 0.100 $\pm$ 0.022 χ^2 /NDF: 33.7/29

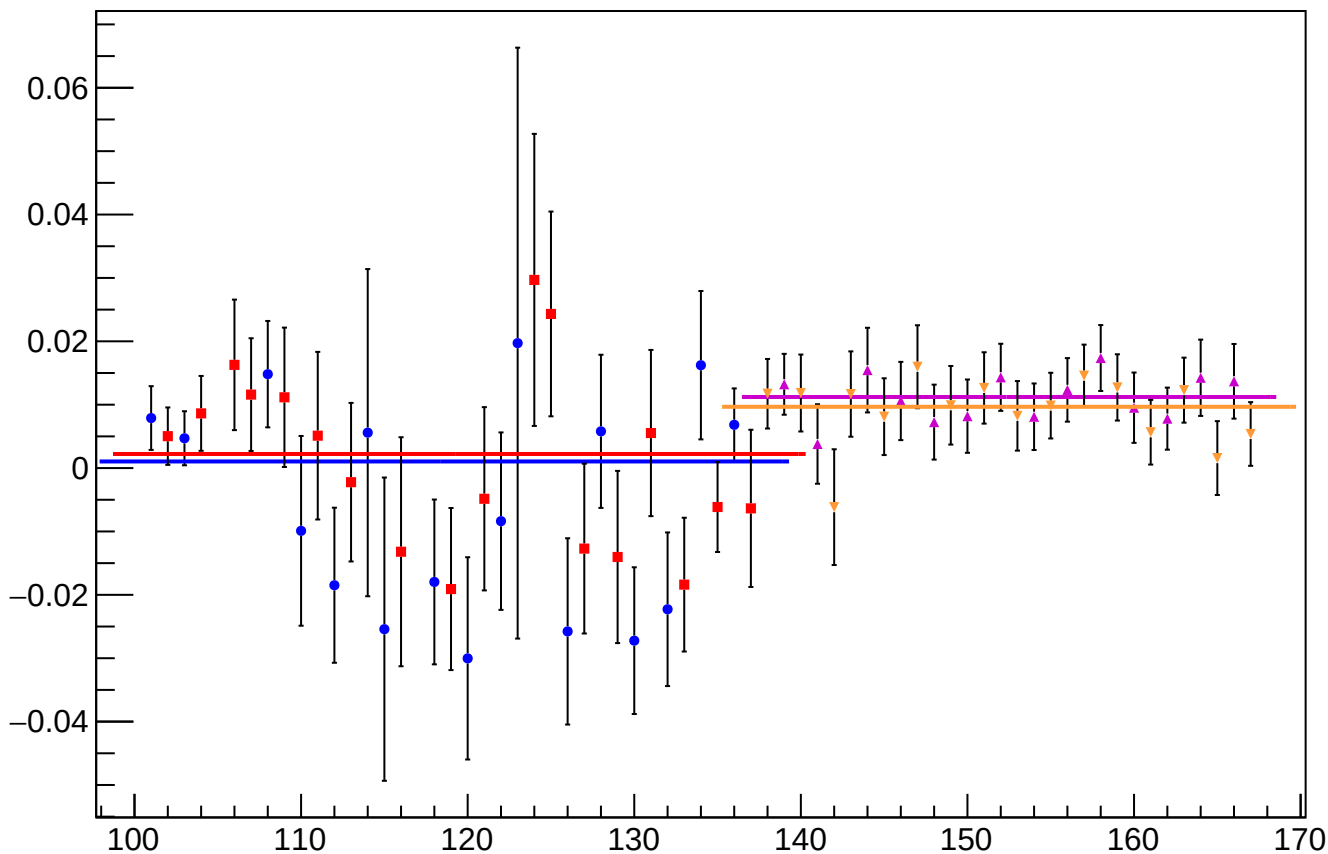
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.100 $\pm$ 0.026 χ^2 /NDF:42.4/30

Out: 0.088 $\pm$ 0.025 χ^2 /NDF:34.6/33

All: 0.094 $\pm$ 0.018 χ^2 /NDF: 77.1/64

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF:9.6/15

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.001 χ^2 /NDF:5.9/13

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 16.0/29

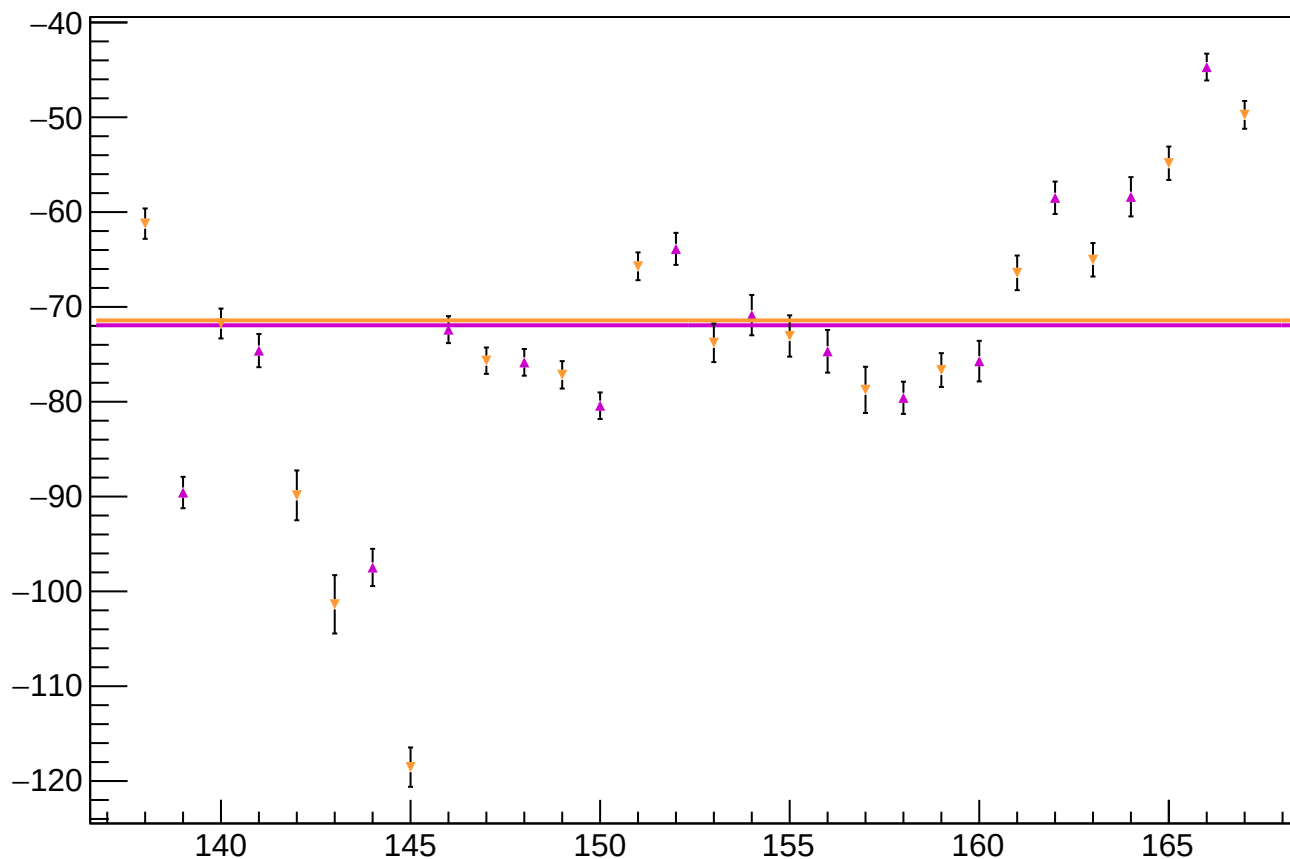
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:52.4/30

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:38.1/33

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 90.5/64

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: -71.939+/-0.453 χ^2/NDF :854.0/13

Left: -71.677+/-0.317 χ^2/NDF : 1942.5/29

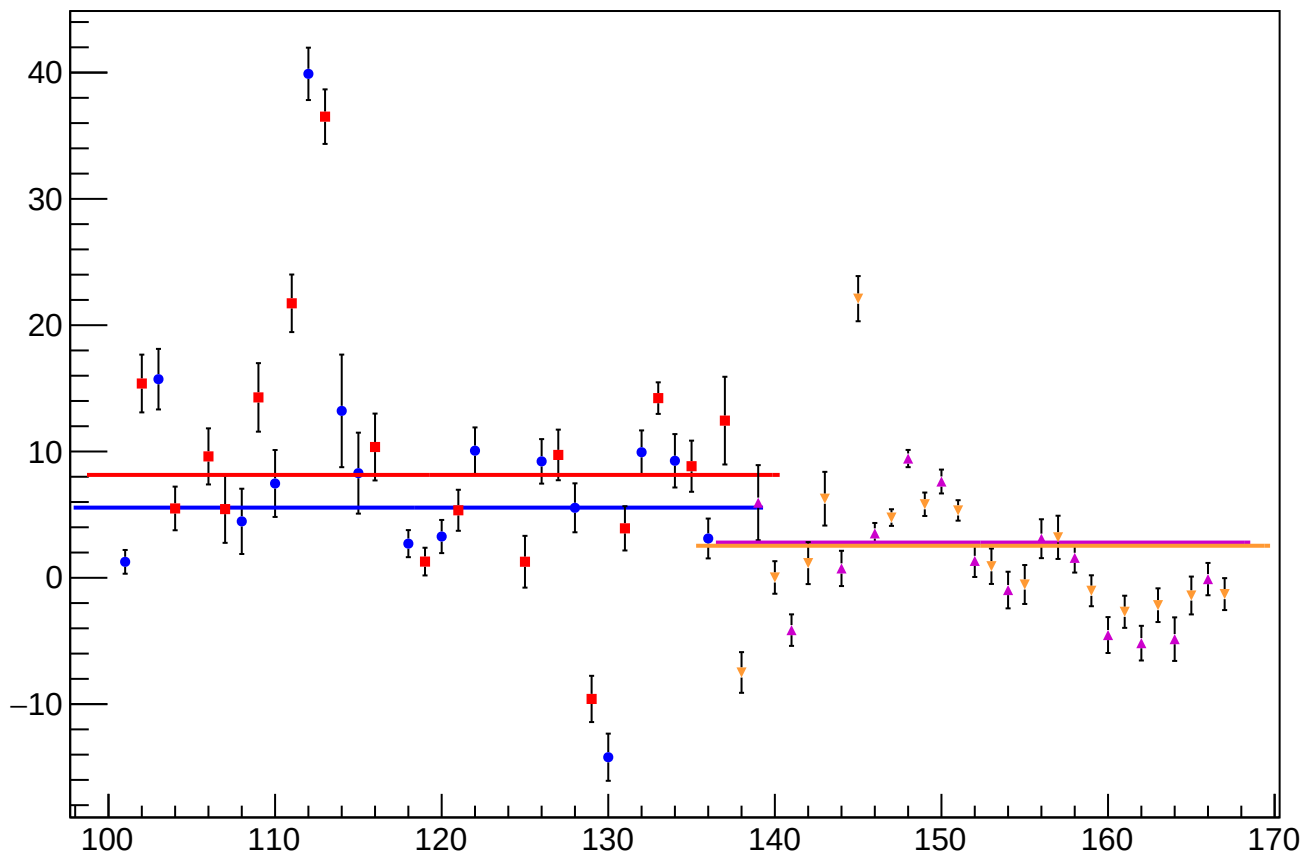
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.939+/-0.453 χ^2/NDF :854.0/13

Out: -71.425+/-0.444 χ^2/NDF :1087.8/15

All: -71.677+/-0.317 χ^2/NDF : 1942.5/29

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: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.791 ± 0.313 $\chi^2/\text{NDF}: 250.3/13$

Left: 2.660 ± 0.217 $\chi^2/\text{NDF}: 511.8/29$

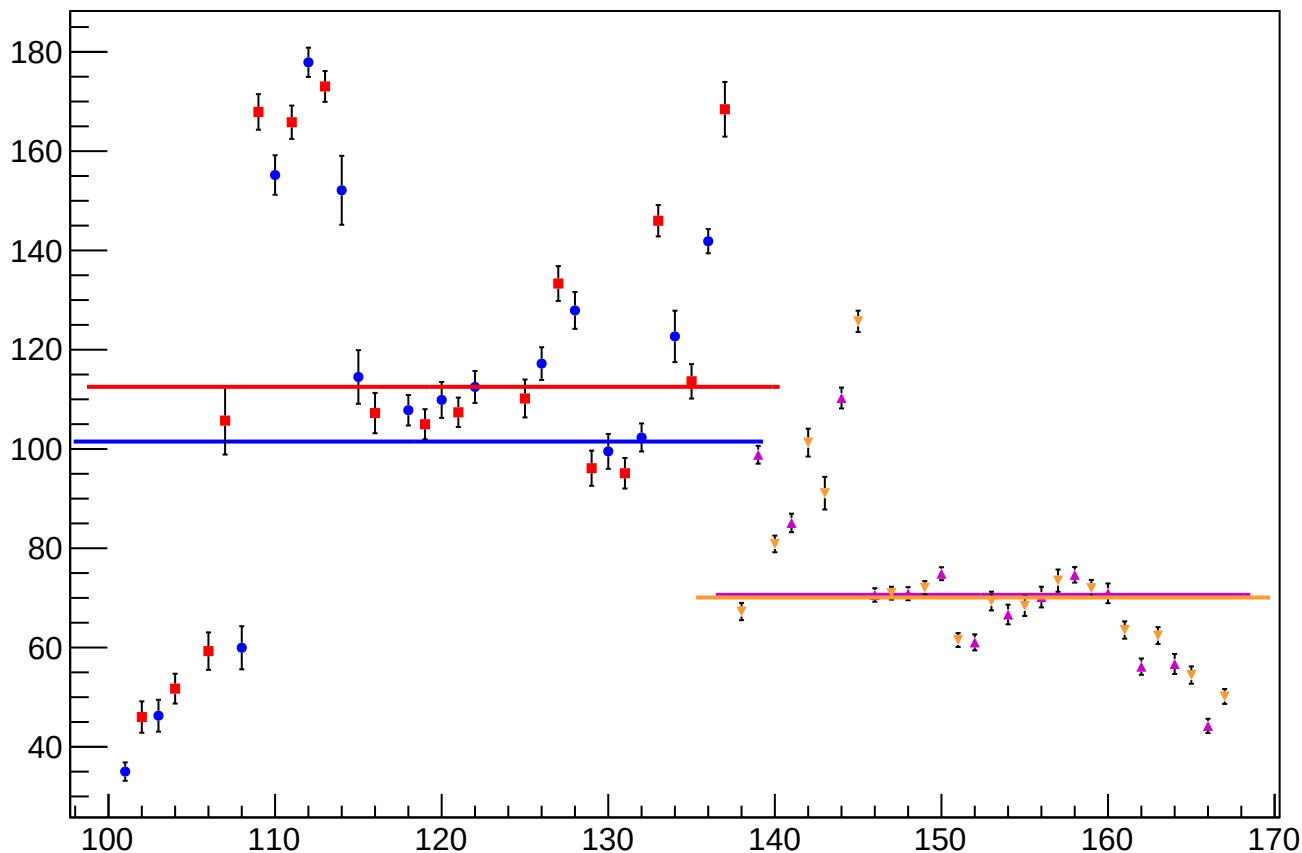
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.766 ± 0.252 $\chi^2/\text{NDF}: 739.9/29$

Out: 4.246 ± 0.251 $\chi^2/\text{NDF}: 773.9/32$

All: 4.007 ± 0.178 $\chi^2/\text{NDF}: 1515.6/62$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 70.076 $\pm$ 0.434 χ^2 /NDF:1210.6/15

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 70.610 $\pm$ 0.441 χ^2 /NDF:1183.3/13

Left: 70.339 $\pm$ 0.309 χ^2 /NDF: 2394.7/29

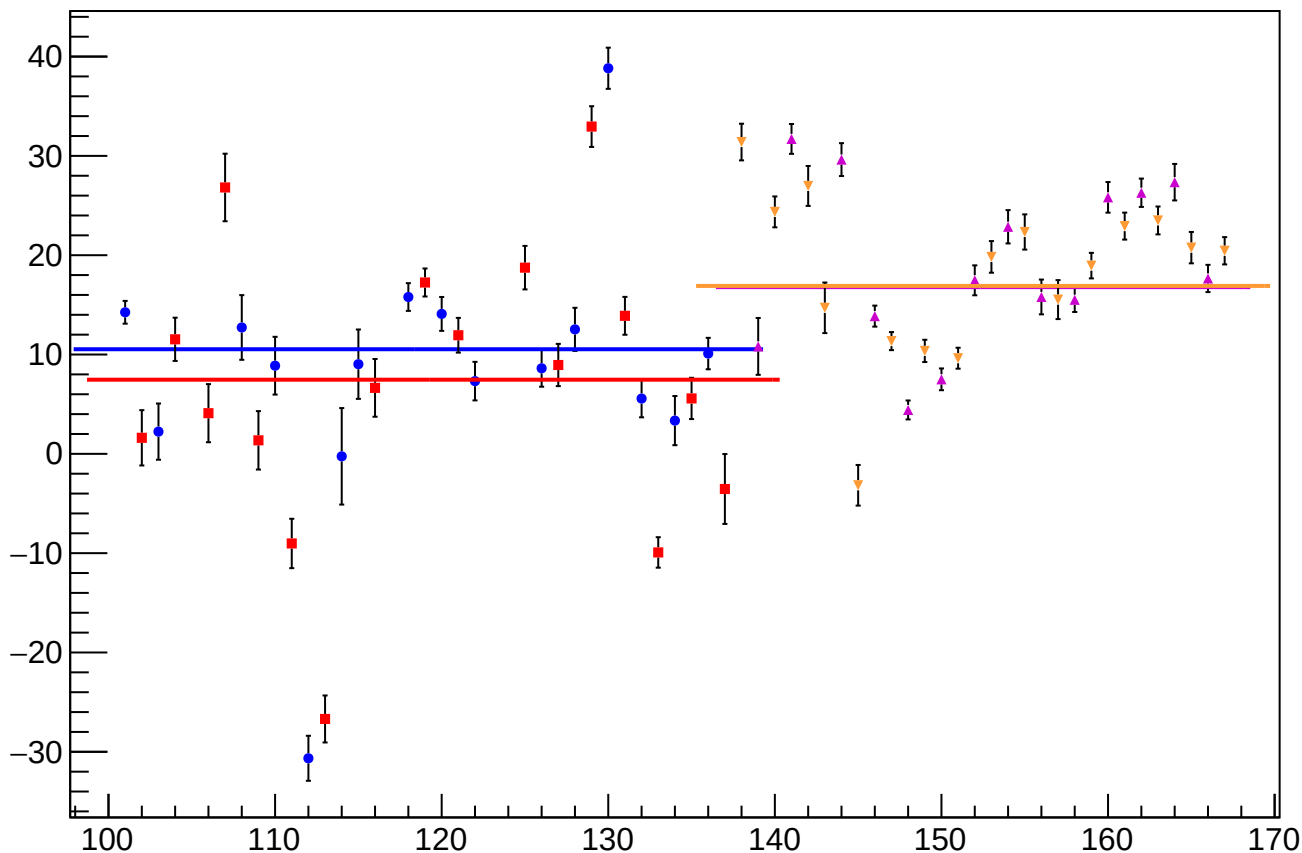
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 77.684 $\pm$ 0.387 χ^2 /NDF:5282.1/29

Out: 78.969 $\pm$ 0.386 χ^2 /NDF:5450.5/32

All: 78.328 $\pm$ 0.273 χ^2 /NDF: 10738.1/62

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 16.908 $\pm$ 0.358 χ^2 /NDF: 395.7/15

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 16.785 $\pm$ 0.371 χ^2 /NDF: 537.7/13

Left: 16.849 $\pm$ 0.257 χ^2 /NDF: 933.4/29

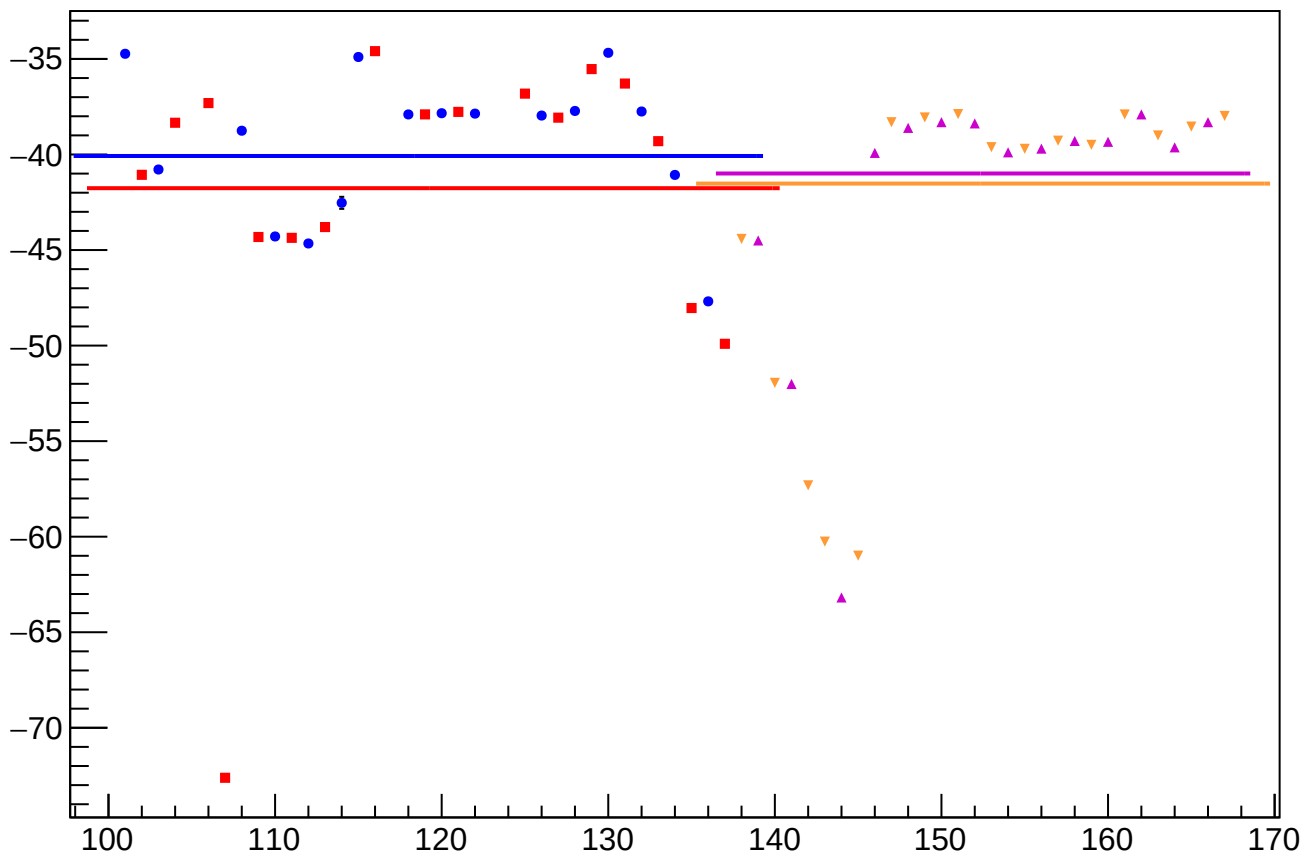
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 14.526 $\pm$ 0.296 χ^2 /NDF: 1220.8/29

Out: 13.913 $\pm$ 0.296 χ^2 /NDF: 1301.5/32

All: 14.219 $\pm$ 0.209 χ^2 /NDF: 2524.4/62

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -41.522 $\pm$ 0.017 χ^2 /NDF:136669.0/15

Right Out: -41.764 $\pm$ 0.029 χ^2 /NDF: 60249.3/16

Left In: -40.994 $\pm$ 0.018 χ^2 /NDF:94887.6/13

Left: -41.262 $\pm$ 0.012 χ^2 /NDF: 232010.1/29

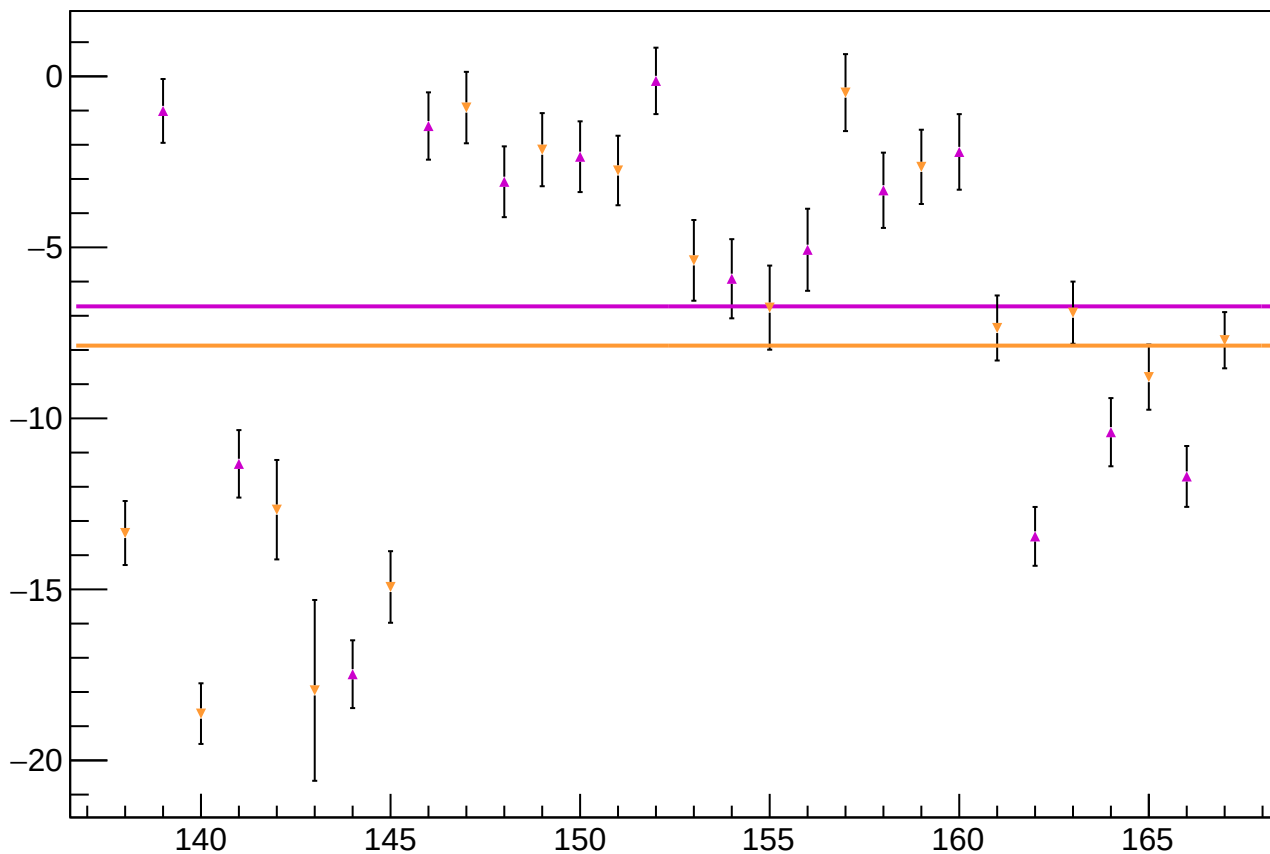
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -40.737 $\pm$ 0.015 χ^2 /NDF:120791.5/29

Out: -41.587 $\pm$ 0.015 χ^2 /NDF:196969.6/32

All: -41.163 $\pm$ 0.011 χ^2 /NDF: 319379.0/62

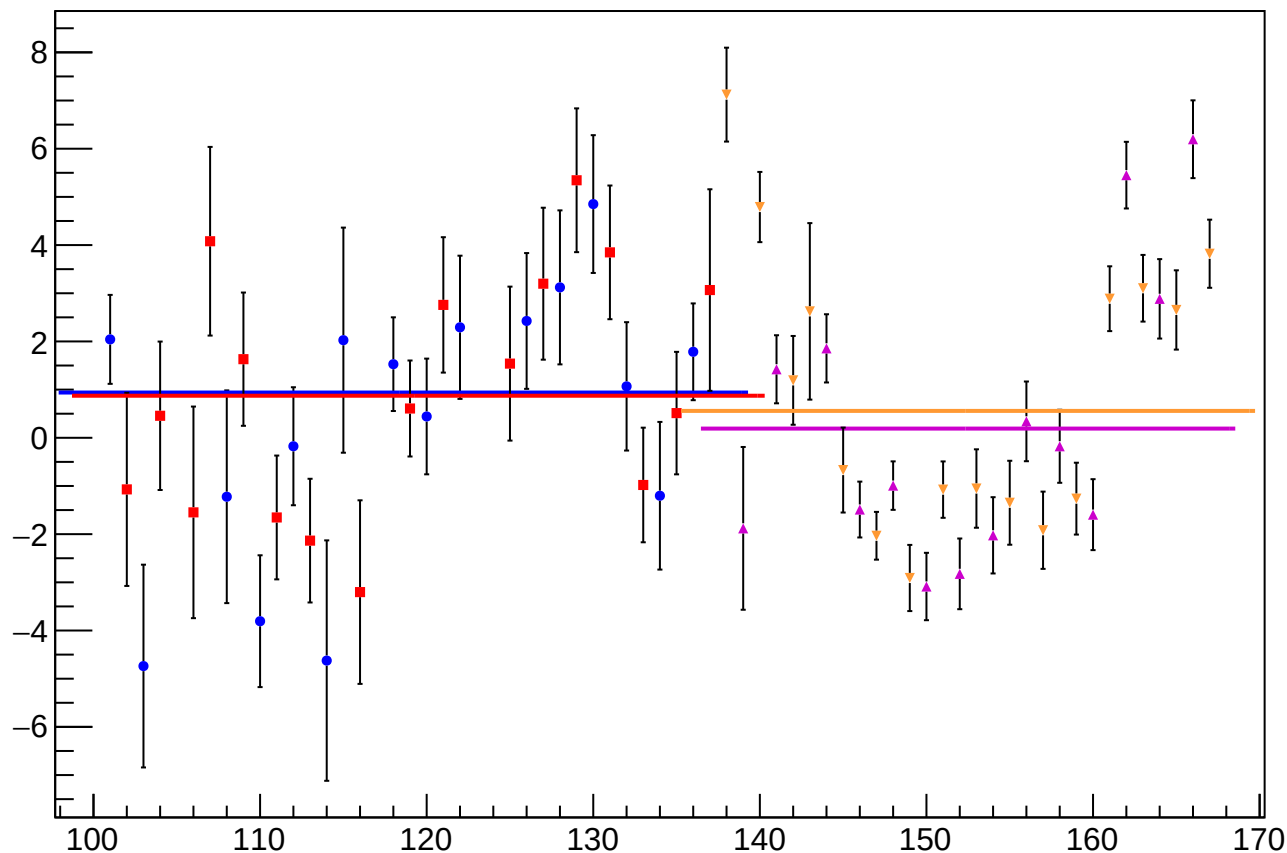
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -6.725 $\pm$ 0.269 χ^2 /NDF:416.7/13

Left: -7.314 $\pm$ 0.187 χ^2 /NDF: 851.0/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.725 $\pm$ 0.269 χ^2 /NDF:416.7/13
 Out: -7.872 $\pm$ 0.262 χ^2 /NDF:425.0/15
 All: -7.314 $\pm$ 0.187 χ^2 /NDF: 851.0/29

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: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 0.191 ± 0.193 $\chi^2/\text{NDF}: 200.7/13$

Left: 0.381 ± 0.134 $\chi^2/\text{NDF}: 423.5/29$

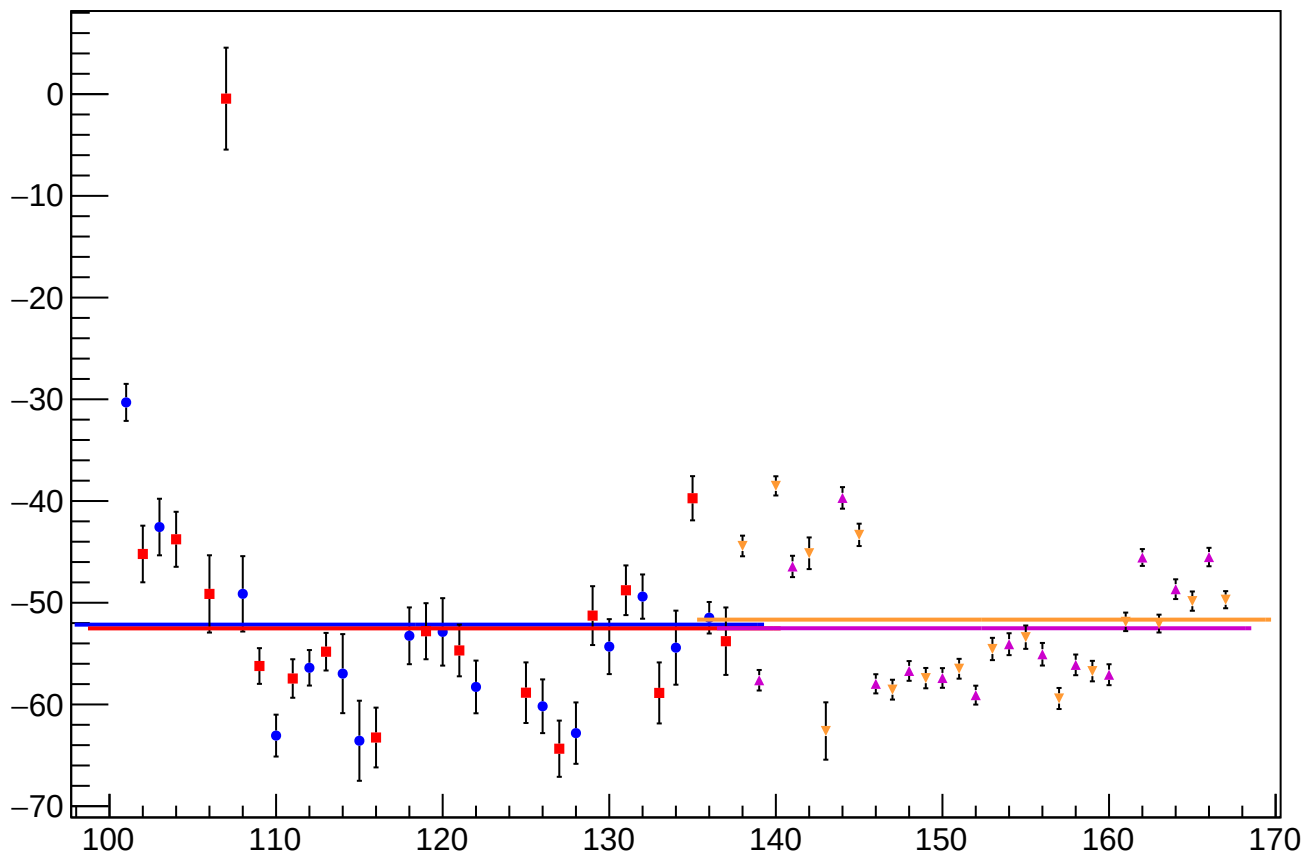
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.374 ± 0.168 $\chi^2/\text{NDF}: 246.6/29$

Out: 0.627 ± 0.165 $\chi^2/\text{NDF}: 262.1/32$

All: 0.502 ± 0.118 $\chi^2/\text{NDF}: 509.8/62$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -51.660 ± 0.257 χ^2/NDF : 542.3/15

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.509 ± 0.262 χ^2/NDF : 518.8/13

Left: -52.076 ± 0.184 χ^2/NDF : 1066.4/29

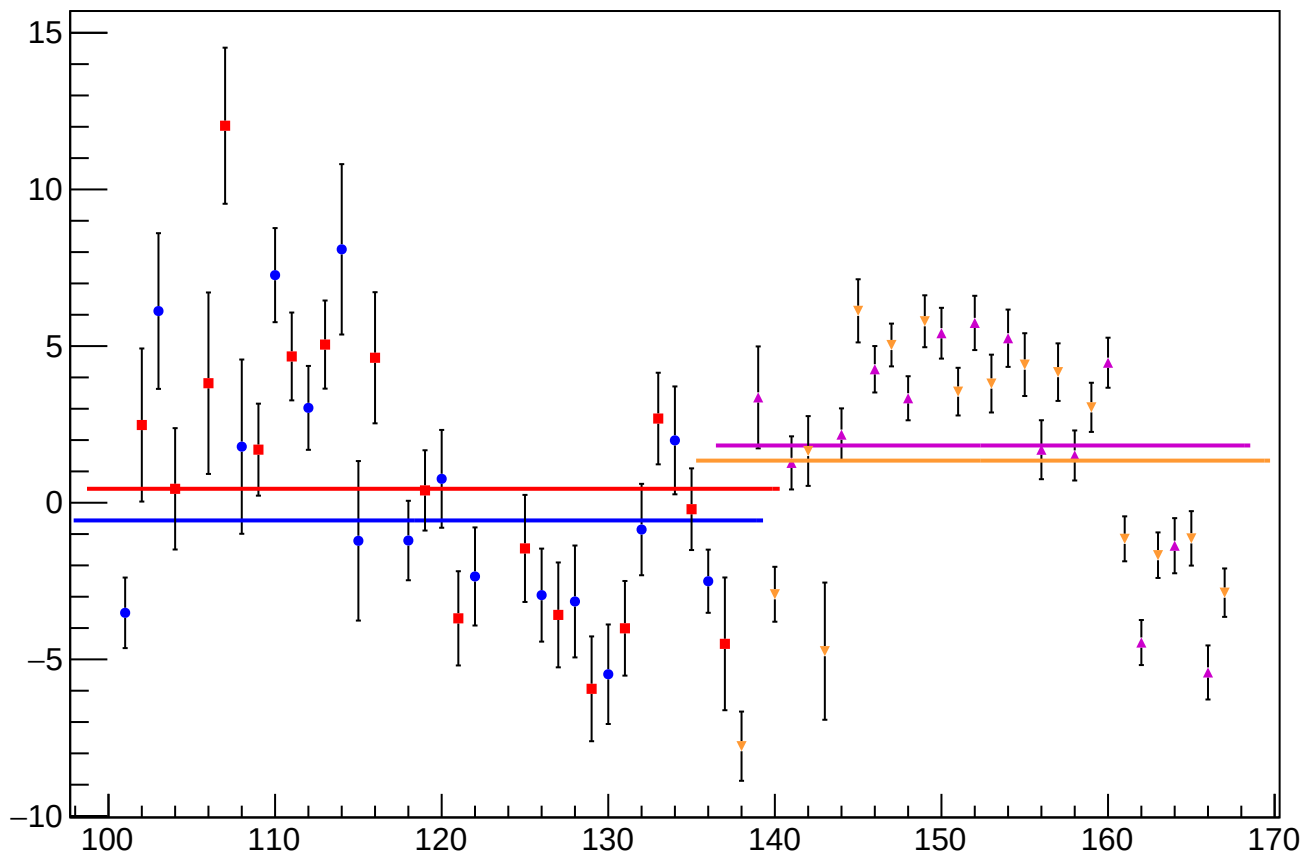
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.454 ± 0.241 χ^2/NDF : 750.1/29

Out: -51.788 ± 0.237 χ^2/NDF : 761.6/32

All: -52.115 ± 0.169 χ^2/NDF : 1515.6/62

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 $\pm$ 0.384 χ^2/NDF : 81.8/15

Left Out: 1.345 $\pm$ 0.217 χ^2/NDF :286.3/15

Right Out: 0.445 $\pm$ 0.400 χ^2/NDF : 94.1/16

Left In: 1.827 $\pm$ 0.224 χ^2/NDF :242.1/13

Left: 1.578 $\pm$ 0.156 χ^2/NDF : 530.8/29

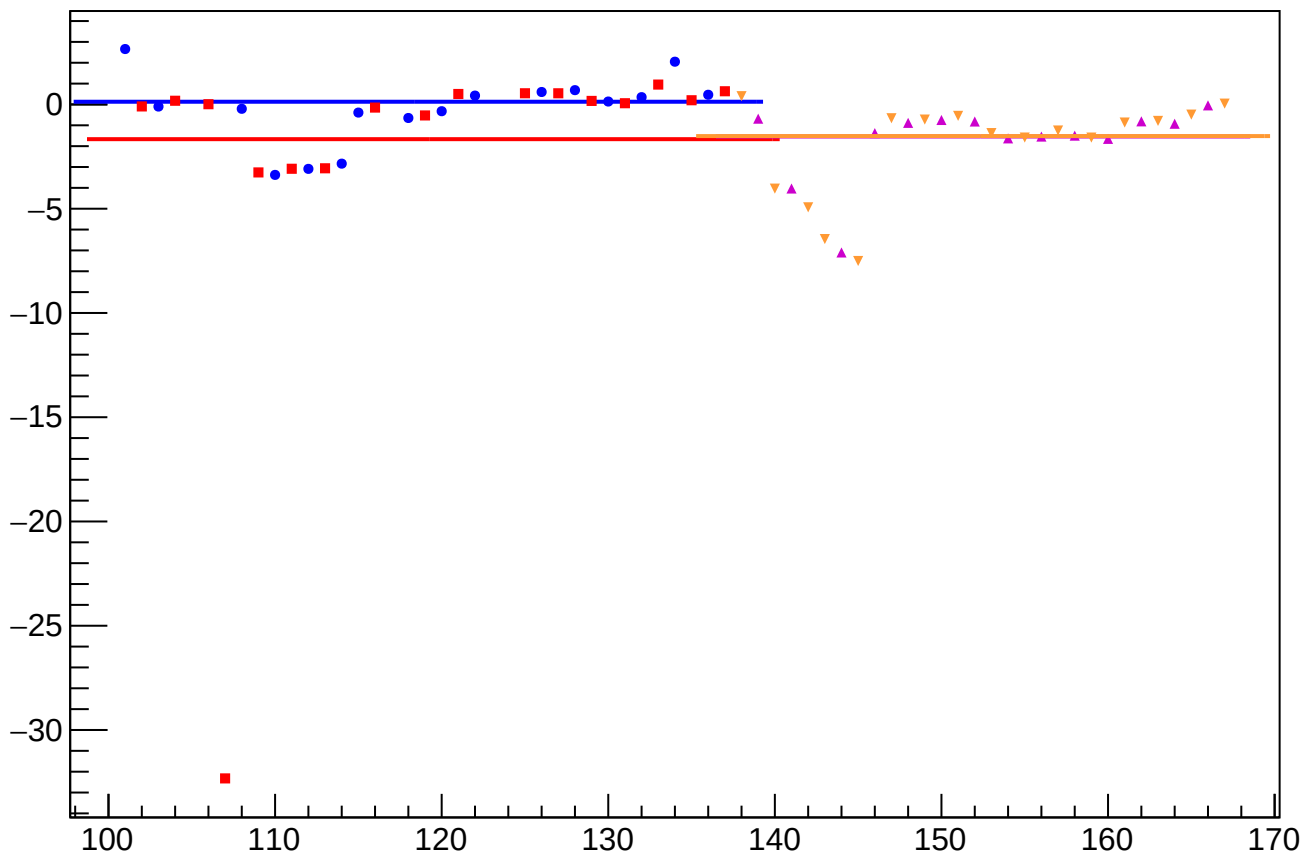
Right: -0.080 $\pm$ 0.277 χ^2/NDF : 179.3/32

In: 1.221 $\pm$ 0.194 χ^2/NDF :352.9/29

Out: 1.140 $\pm$ 0.191 χ^2/NDF :384.3/32

All: 1.180 $\pm$ 0.136 χ^2/NDF : 737.2/62

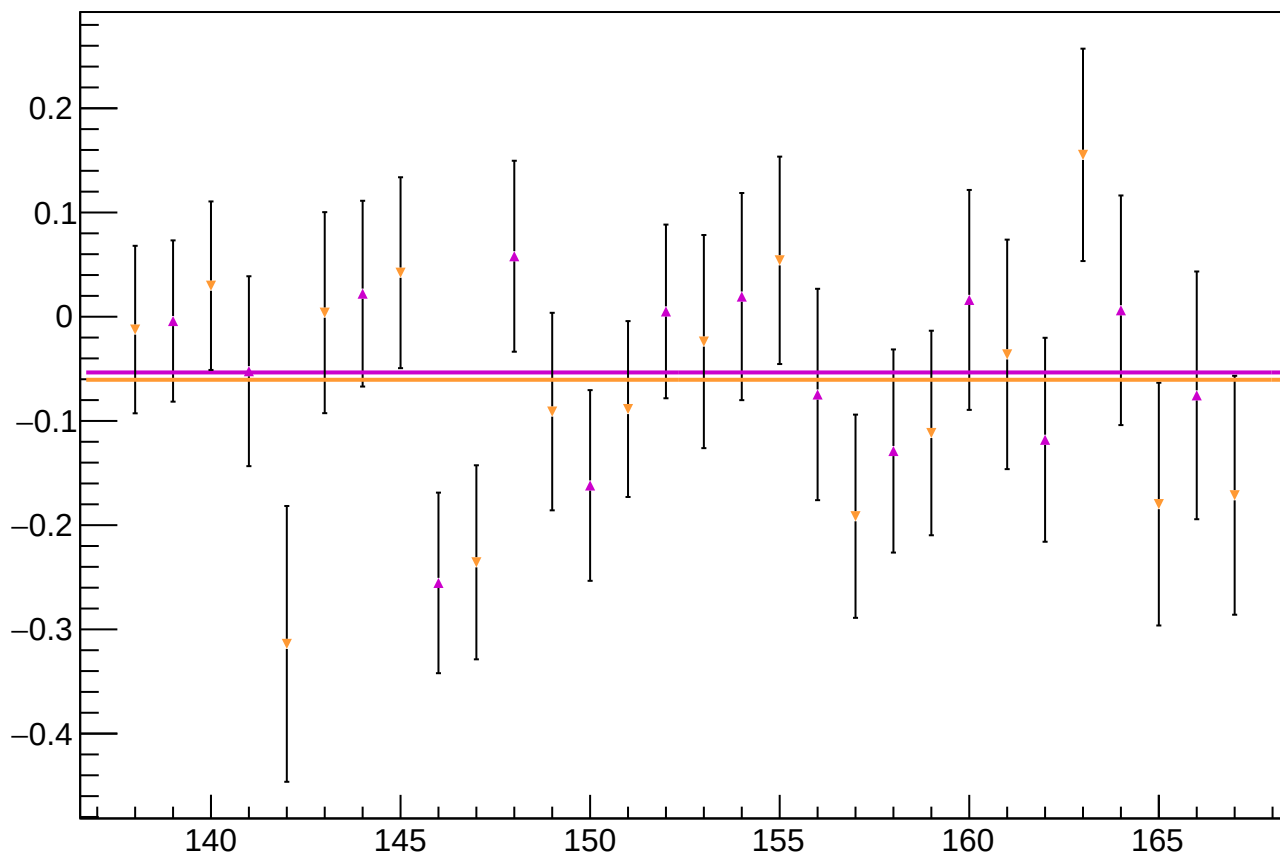
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 $\pm$ 0.022 χ^2 /NDF: 5232.9/15
 Left Out: -1.517 $\pm$ 0.010 χ^2 /NDF: 35091.7/15
 Right Out: -1.665 $\pm$ 0.022 χ^2 /NDF: 77602.8/16
 Left In: -1.537 $\pm$ 0.010 χ^2 /NDF: 21607.2/13

Left: -1.527 $\pm$ 0.007 χ^2 /NDF: 56700.9/29
 Right: -0.752 $\pm$ 0.015 χ^2 /NDF: 86255.5/32
 In: -1.223 $\pm$ 0.009 χ^2 /NDF: 31713.0/29
 Out: -1.543 $\pm$ 0.009 χ^2 /NDF: 112732.1/32
 All: -1.385 $\pm$ 0.007 χ^2 /NDF: 145042.1/62

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: -0.053 $\pm$ 0.025 χ^2 /NDF:12.3/13

Left: -0.057 $\pm$ 0.017 χ^2 /NDF: 33.1/29

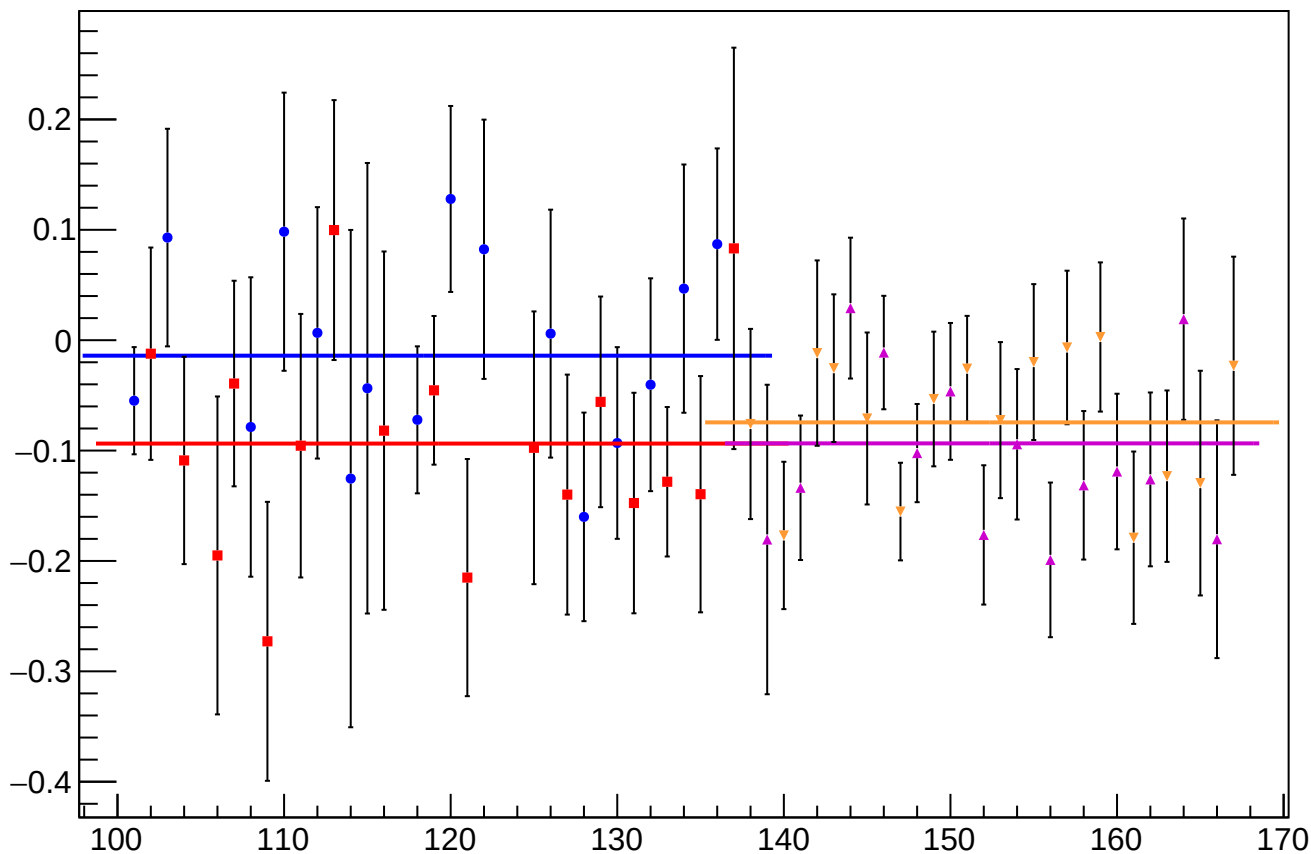
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.053 $\pm$ 0.025 χ^2 /NDF:12.3/13

Out: -0.061 $\pm$ 0.024 χ^2 /NDF:20.8/15

All: -0.057 $\pm$ 0.017 χ^2 /NDF: 33.1/29

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.074 ± 0.017 $\chi^2/\text{NDF}: 13.6/15$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.093 ± 0.018 $\chi^2/\text{NDF}: 14.4/13$

Left: -0.084 ± 0.012 $\chi^2/\text{NDF}: 28.6/29$

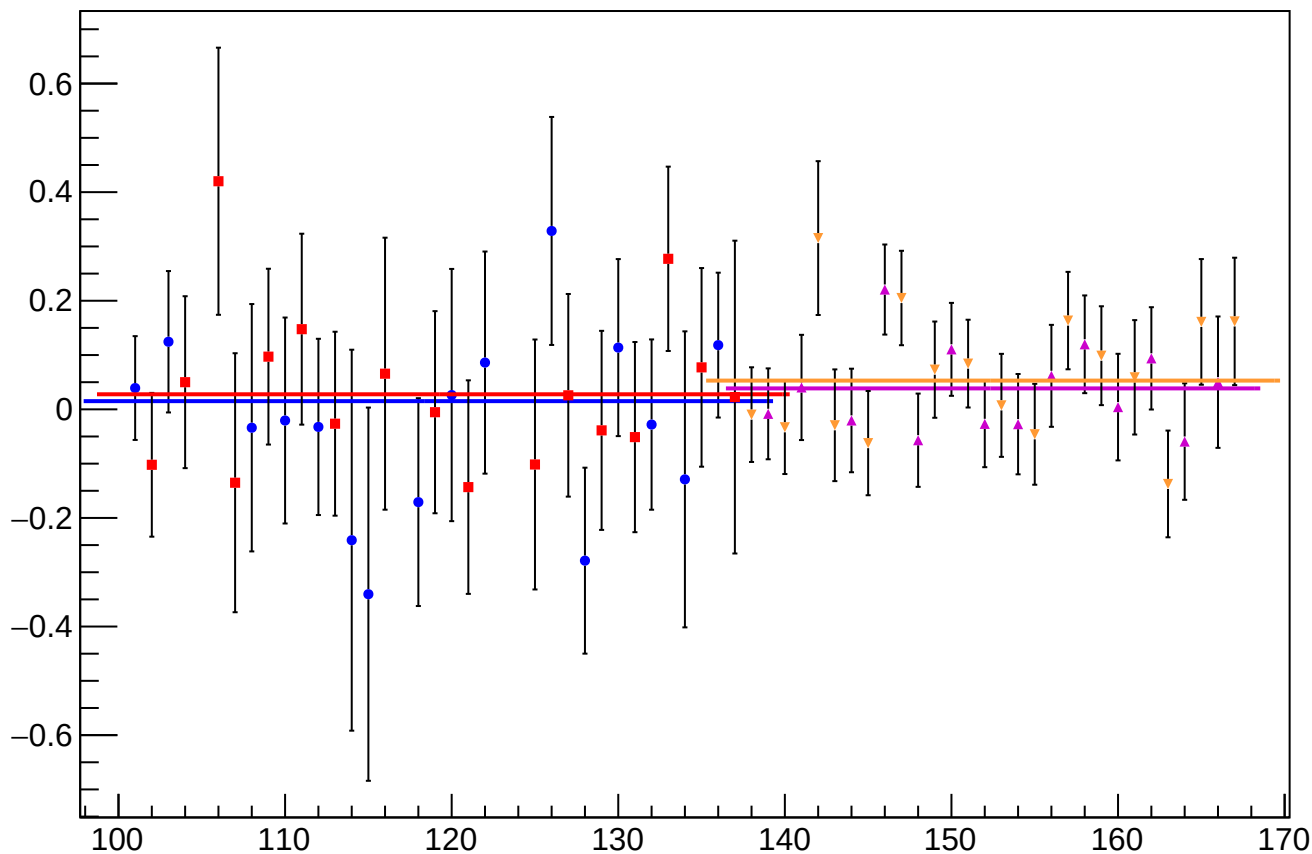
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.064 ± 0.014 $\chi^2/\text{NDF}: 34.2/29$

Out: -0.081 ± 0.014 $\chi^2/\text{NDF}: 24.1/32$

All: -0.072 ± 0.010 $\chi^2/\text{NDF}: 59.0/62$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.053 $\pm$ 0.024 χ^2 /NDF:18.9/15

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.039 $\pm$ 0.025 χ^2 /NDF:10.8/13

Left: 0.046 $\pm$ 0.017 χ^2 /NDF: 29.9/29

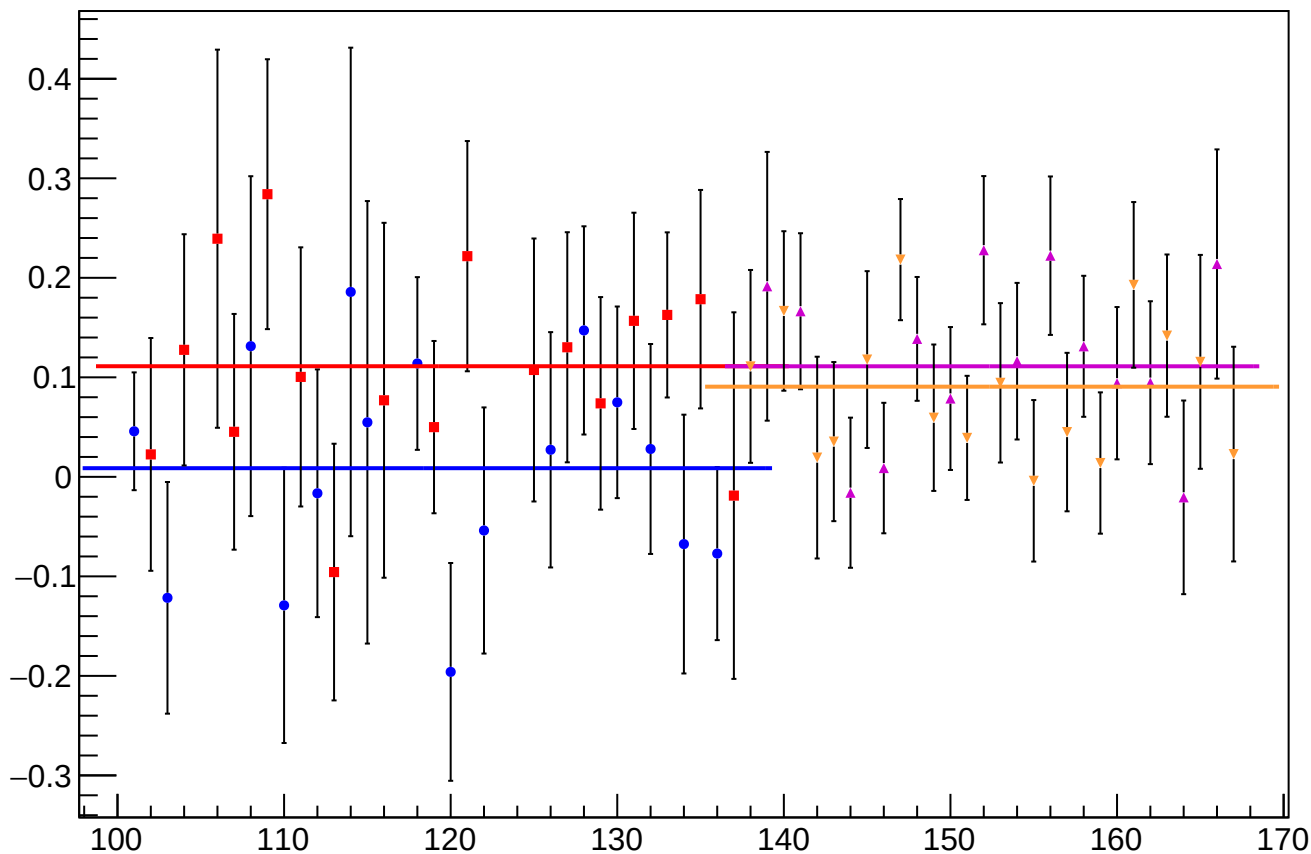
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.033 $\pm$ 0.021 χ^2 /NDF:21.1/29

Out: 0.047 $\pm$ 0.021 χ^2 /NDF:27.6/32

All: 0.040 $\pm$ 0.015 χ^2 /NDF: 49.0/62

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2/NDF : 12.6/15

Left Out: 0.091 $\pm$ 0.020 χ^2/NDF :12.5/15

Right Out: 0.111 $\pm$ 0.029 χ^2/NDF : 8.6/16

Left In: 0.111 $\pm$ 0.021 χ^2/NDF :13.7/13

Left: 0.100 $\pm$ 0.014 χ^2/NDF : 26.7/29

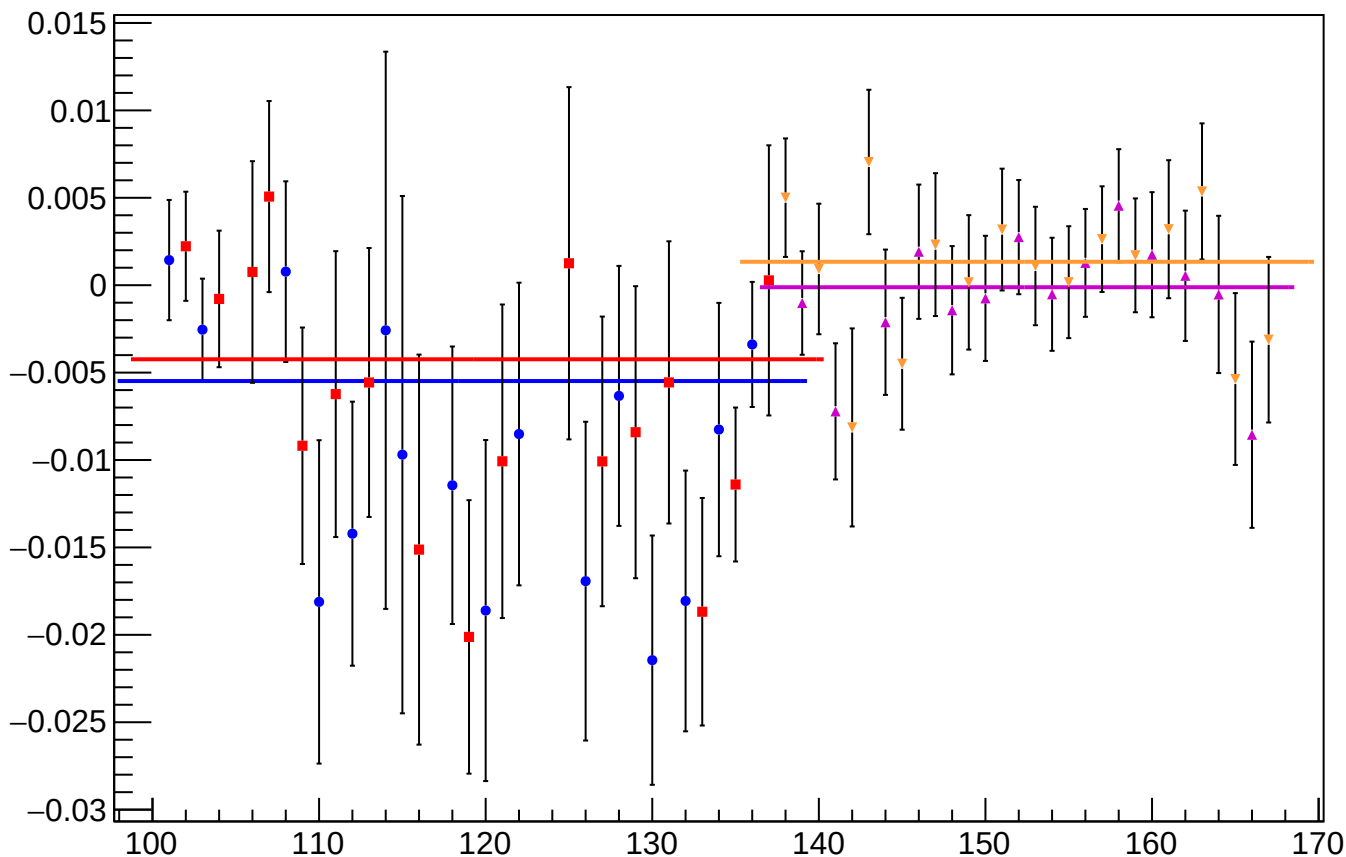
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/32

In: 0.072 $\pm$ 0.017 χ^2/NDF :35.3/29

Out: 0.097 $\pm$ 0.016 χ^2/NDF :21.4/32

All: 0.085 $\pm$ 0.012 χ^2/NDF : 57.9/62

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:13.1/15

Right Out: -0.004 $\pm$ 0.001 χ^2 /NDF: 23.7/16

Left In: -0.000 $\pm$ 0.001 χ^2 /NDF:10.0/13

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 24.2/29

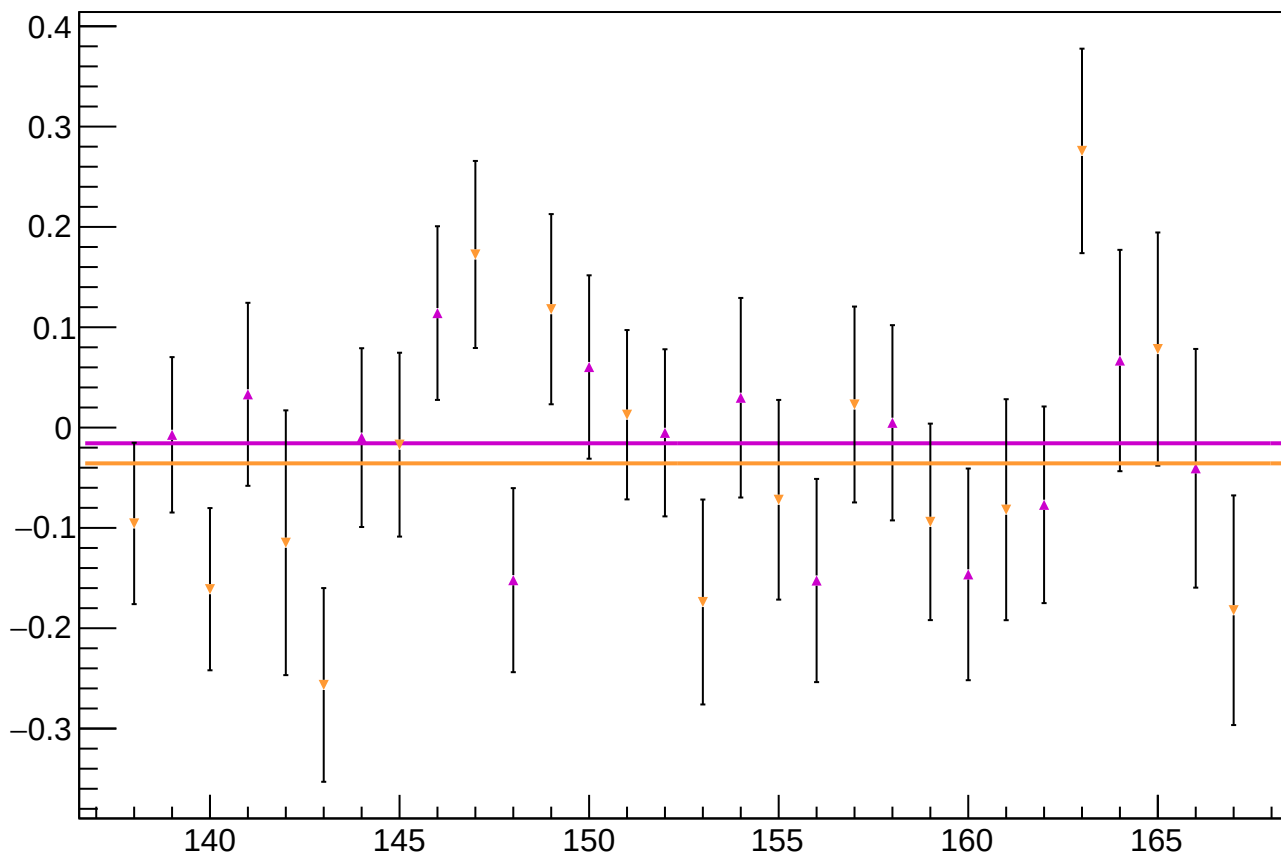
Right: -0.005 $\pm$ 0.001 χ^2 /NDF: 46.3/32

In: -0.002 $\pm$ 0.001 χ^2 /NDF:41.9/29

Out: -0.000 $\pm$ 0.001 χ^2 /NDF:47.0/32

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 90.6/62

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: -0.016+/-0.025 χ^2/NDF : 10.1/13

Left: -0.026+/-0.017 χ^2/NDF : 41.7/29

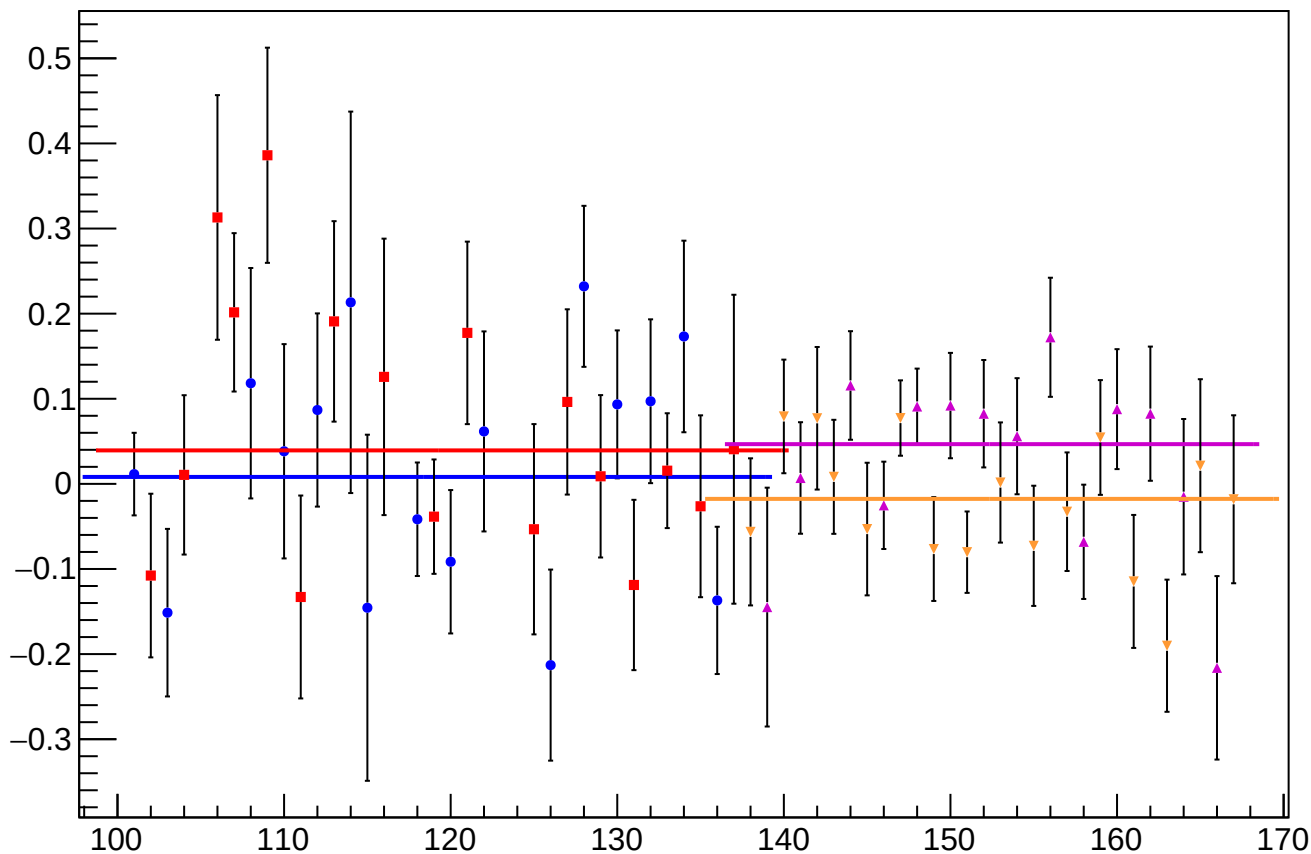
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.016+/-0.025 χ^2/NDF : 10.1/13

Out: -0.036+/-0.024 χ^2/NDF : 31.3/15

All: -0.026+/-0.017 χ^2/NDF : 41.7/29

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: -0.018 ± 0.017 $\chi^2/\text{NDF}: 19.7/15$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.047 ± 0.018 $\chi^2/\text{NDF}: 20.3/13$

Left: 0.013 ± 0.012 $\chi^2/\text{NDF}: 46.8/29$

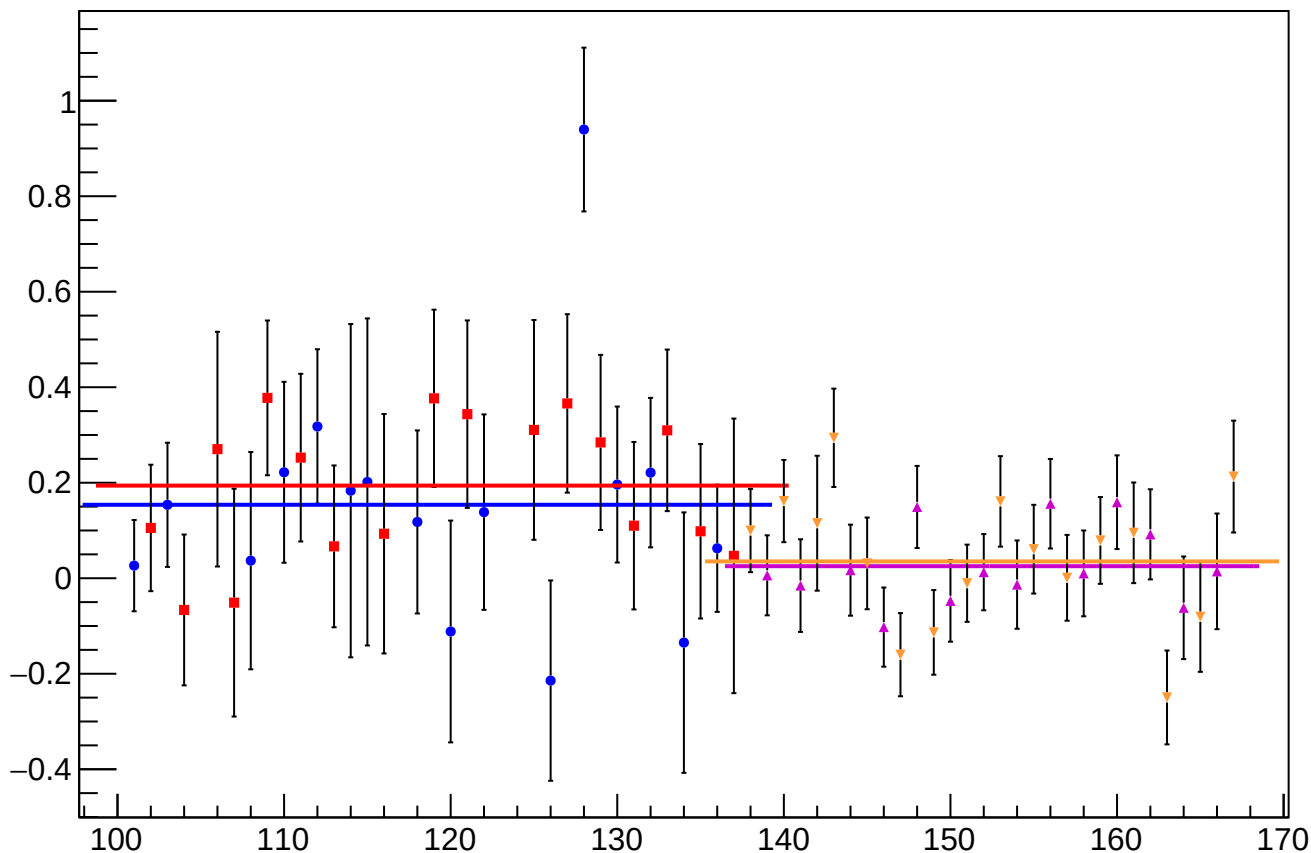
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.032 ± 0.014 $\chi^2/\text{NDF}: 45.7/29$

Out: 0.001 ± 0.014 $\chi^2/\text{NDF}: 50.9/32$

All: 0.016 ± 0.010 $\chi^2/\text{NDF}: 99.1/62$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.035 $\pm$ 0.024 χ^2 /NDF:31.8/15

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.025 $\pm$ 0.025 χ^2 /NDF:10.6/13

Left: 0.030 $\pm$ 0.017 χ^2 /NDF: 42.4/29

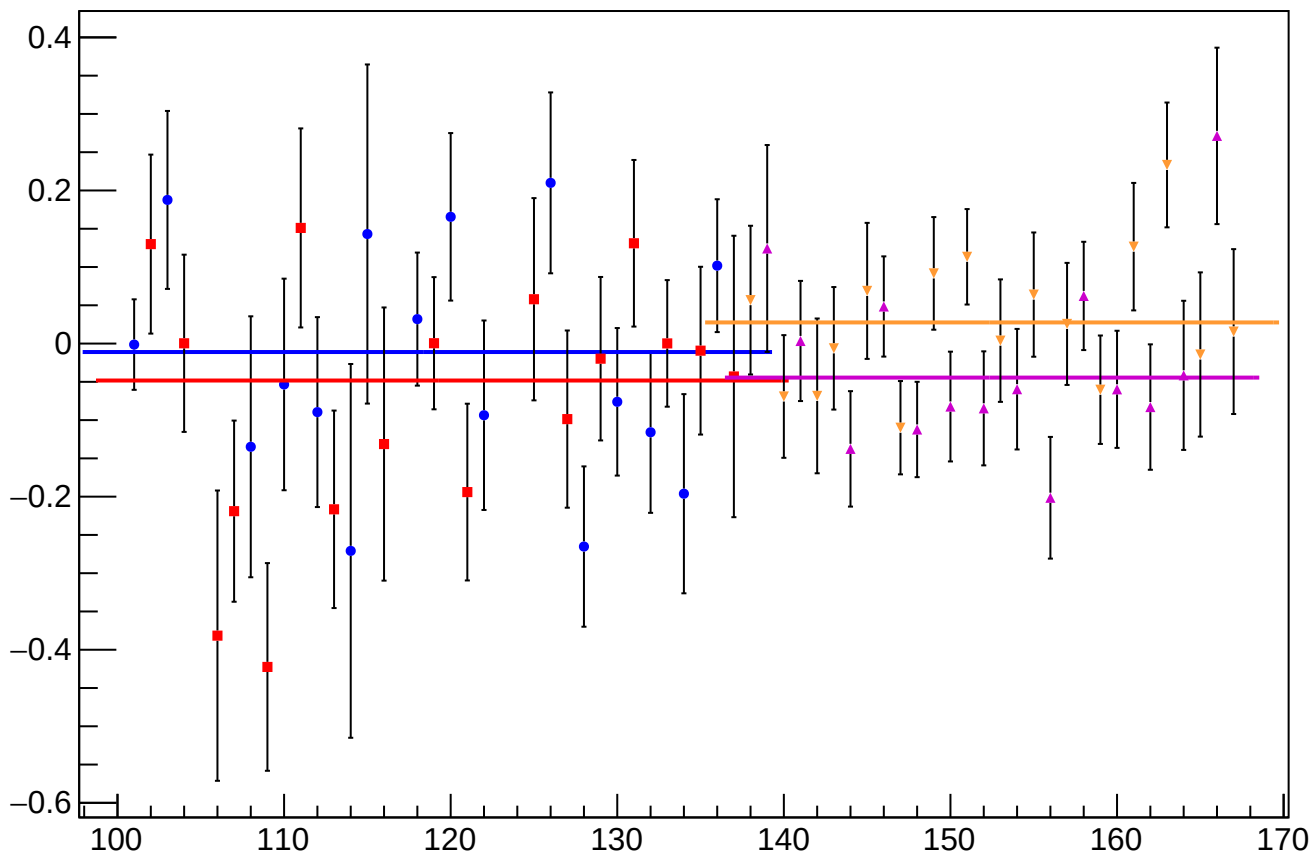
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.057 $\pm$ 0.021 χ^2 /NDF:47.9/29

Out: 0.070 $\pm$ 0.021 χ^2 /NDF:52.0/32

All: 0.064 $\pm$ 0.015 χ^2 /NDF: 100.1/62

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 $\chi^2/\text{NDF}: 25.6/16$

Left In: -0.044 ± 0.021 $\chi^2/\text{NDF}: 21.2/13$

Left: -0.007 ± 0.014 $\chi^2/\text{NDF}: 47.7/29$

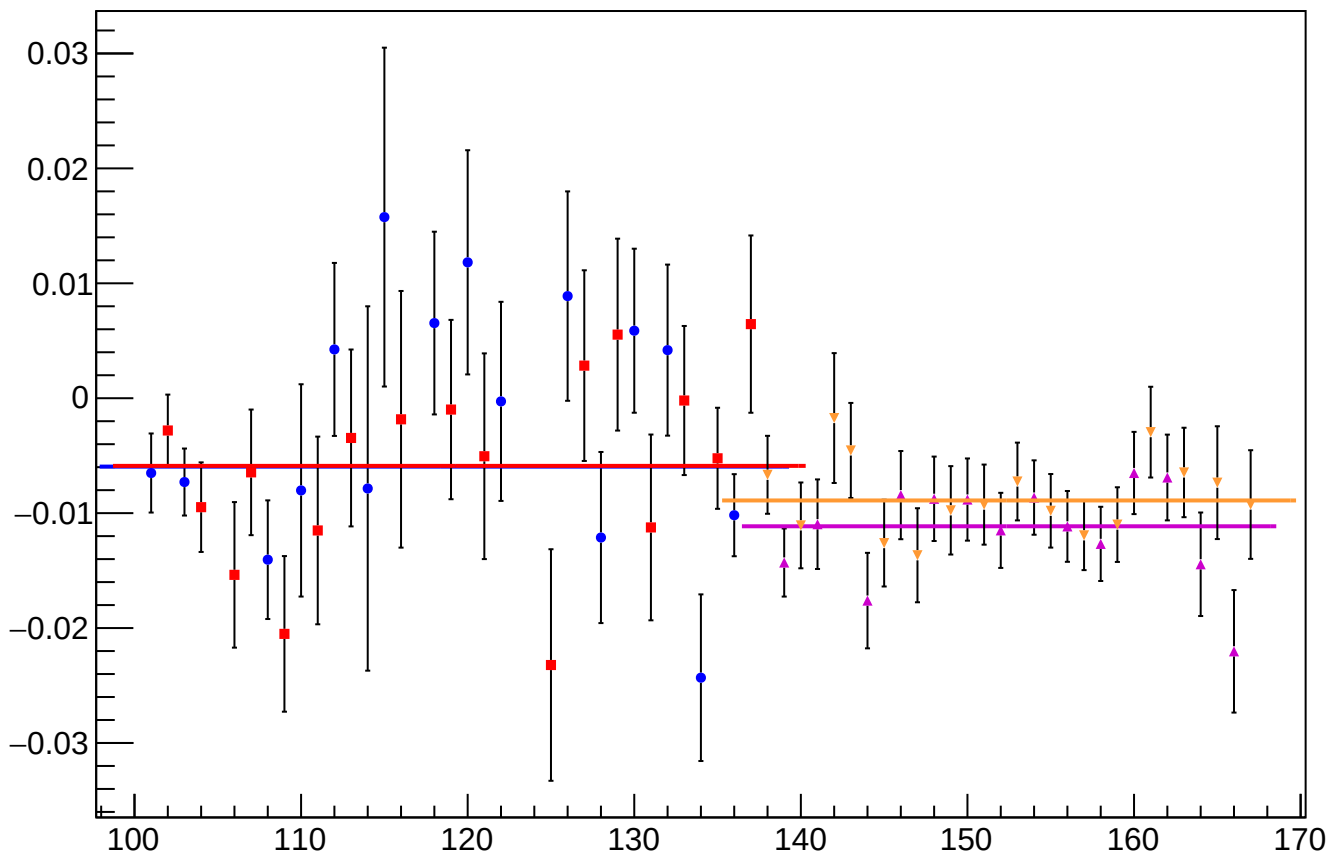
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 49.9/32$

In: -0.032 ± 0.017 $\chi^2/\text{NDF}: 45.6/29$

Out: 0.003 ± 0.016 $\chi^2/\text{NDF}: 50.6/32$

All: -0.015 ± 0.012 $\chi^2/\text{NDF}: 98.4/62$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 10.4/15

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 13.4/13

Left: -0.010 ± 0.001 χ^2/NDF : 26.6/29

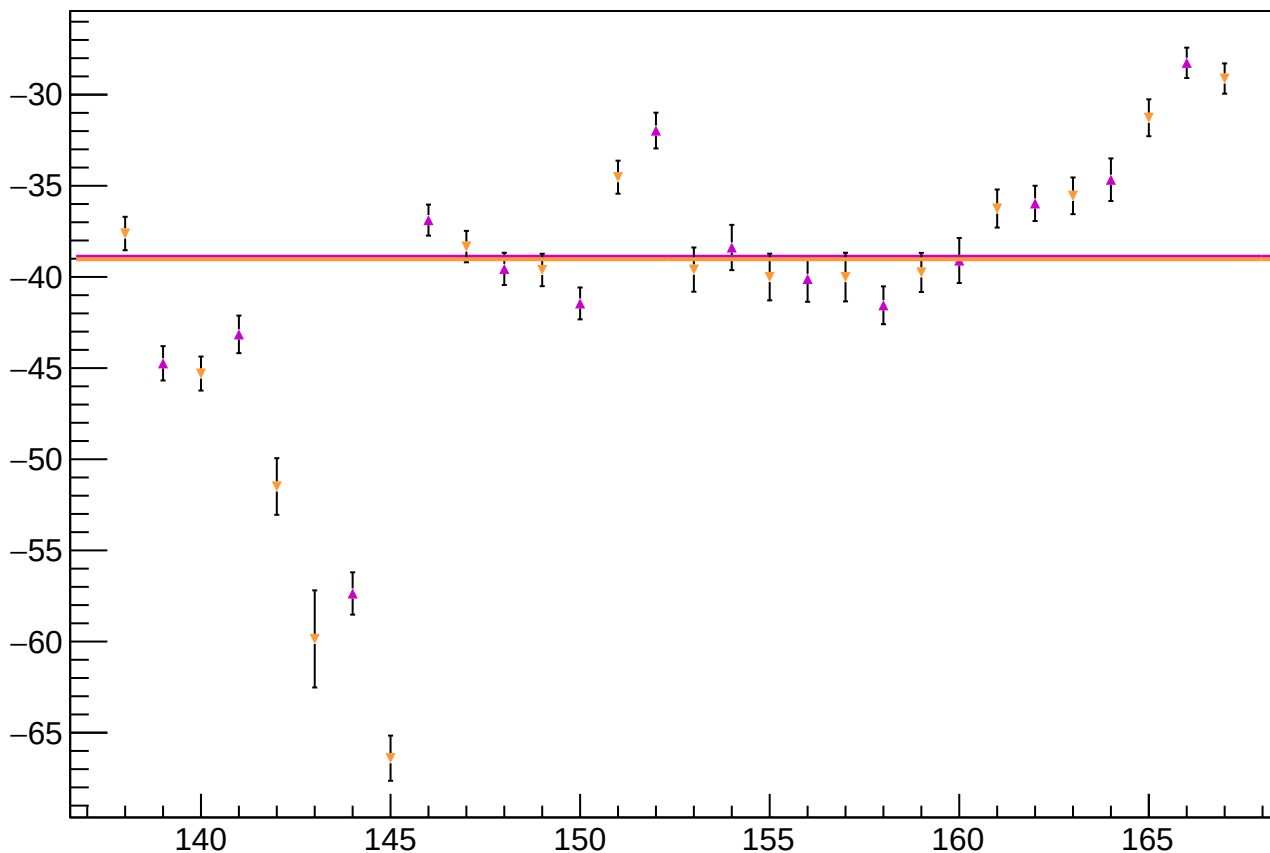
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.010 ± 0.001 χ^2/NDF : 51.2/29

Out: -0.008 ± 0.001 χ^2/NDF : 32.9/32

All: -0.009 ± 0.001 χ^2/NDF : 85.9/62

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



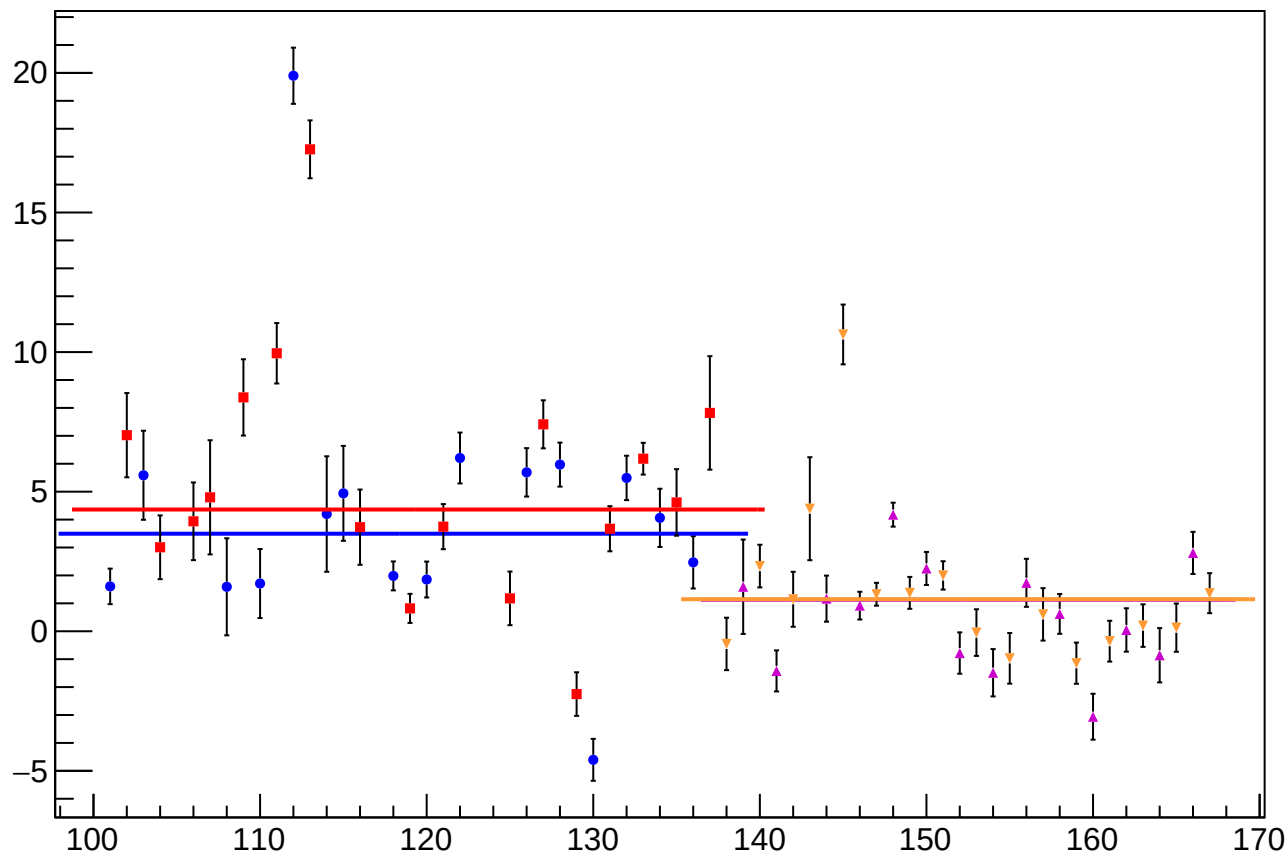
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -39.028+/-0.263 χ^2/NDF :908.4/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.891+/-0.268 χ^2/NDF :567.2/13

Left: -38.960+/-0.188 χ^2/NDF : 1475.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.891+/-0.268 χ^2/NDF :567.2/13
 Out: -39.028+/-0.263 χ^2/NDF :908.4/15

All: -38.960+/-0.188 χ^2/NDF : 1475.7/29

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.148 $\pm$ 0.181 χ^2 /NDF:114.7/15

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.128 $\pm$ 0.187 χ^2 /NDF:120.6/13

Left: 1.139 $\pm$ 0.130 χ^2 /NDF: 235.2/29

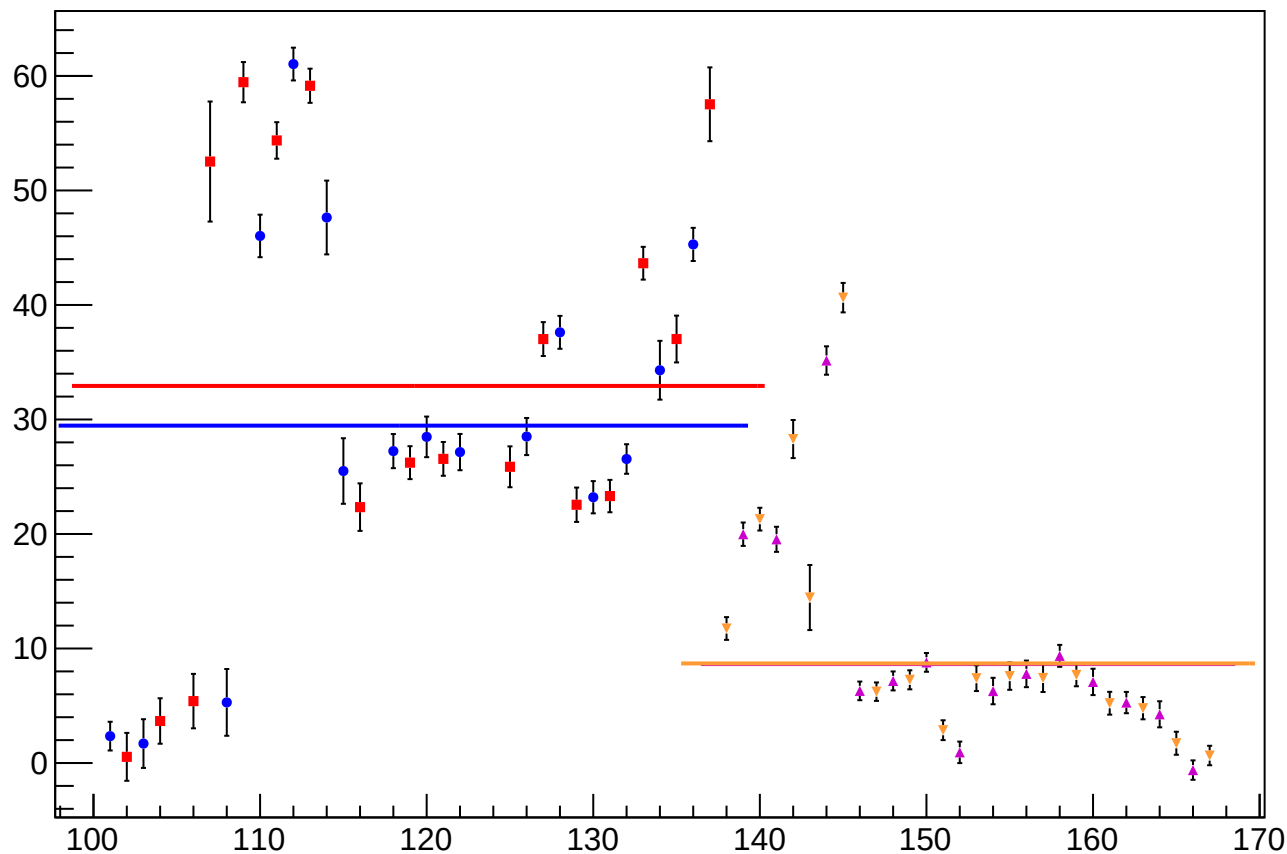
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.135 $\pm$ 0.142 χ^2 /NDF:633.3/29

Out: 2.409 $\pm$ 0.141 χ^2 /NDF:589.1/32

All: 2.273 $\pm$ 0.100 χ^2 /NDF: 1224.3/62

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 8.696+/-0.258 χ^2/NDF : 1157.8/15

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 8.641+/-0.261 χ^2/NDF : 912.1/13

Left: 8.669+/-0.183 χ^2/NDF : 2069.9/29

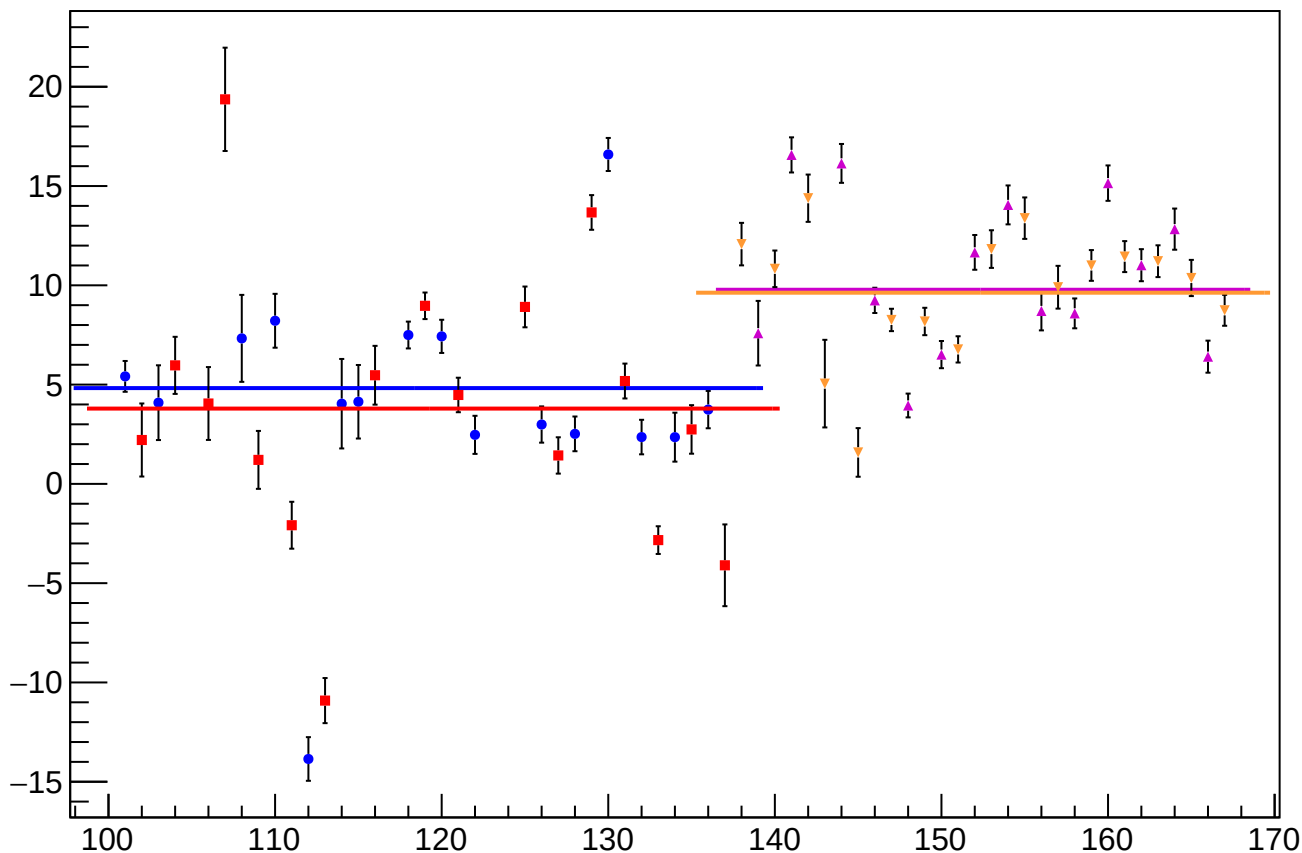
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 14.487+/-0.221 χ^2/NDF : 4192.5/29

Out: 15.249+/-0.220 χ^2/NDF : 5171.3/32

All: 14.869+/-0.156 χ^2/NDF : 9369.8/62

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.628 ± 0.214 $\chi^2/\text{NDF}: 132.2/15$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.776 ± 0.221 $\chi^2/\text{NDF}: 313.0/13$

Left: 9.700 ± 0.154 $\chi^2/\text{NDF}: 445.4/29$

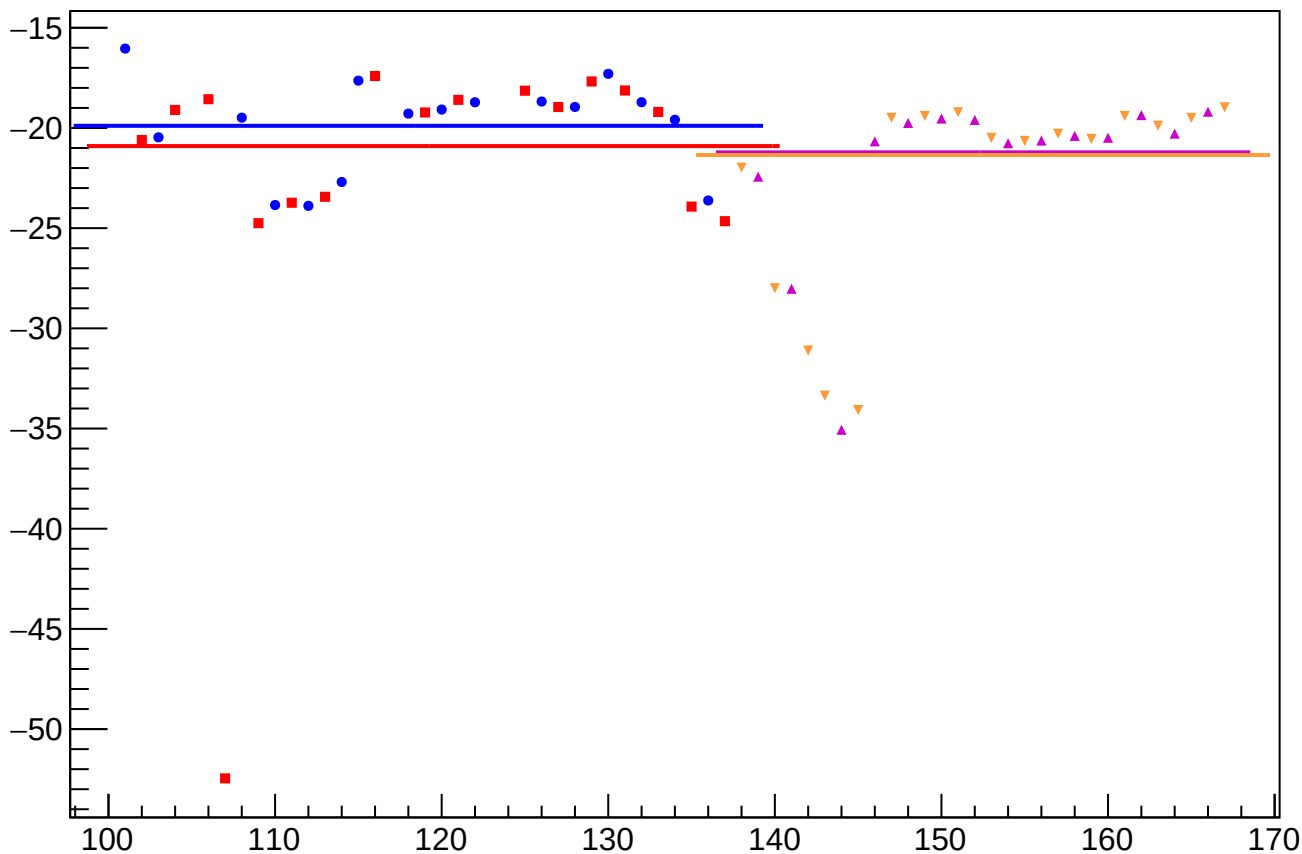
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 7.622 ± 0.166 $\chi^2/\text{NDF}: 1084.6/29$

Out: 7.257 ± 0.165 $\chi^2/\text{NDF}: 997.3/32$

All: 7.438 ± 0.117 $\chi^2/\text{NDF}: 2084.4/62$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -21.348 ± 0.010 $\chi^2/\text{NDF}: 140041.8/15$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -21.216 ± 0.010 $\chi^2/\text{NDF}: 102631.0/13$

Left: -21.283 ± 0.007 $\chi^2/\text{NDF}: 242753.6/29$

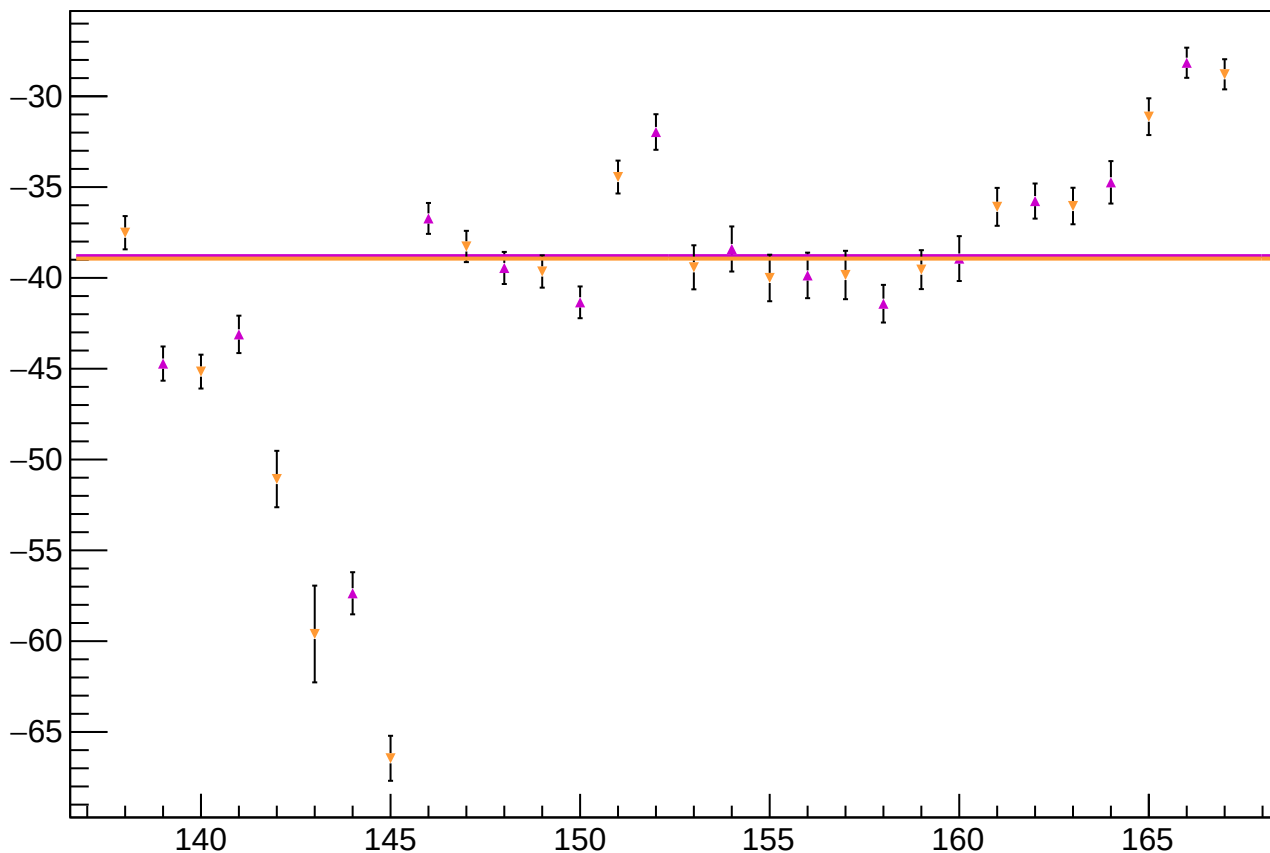
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.808 ± 0.009 $\chi^2/\text{NDF}: 133714.0/29$

Out: -21.215 ± 0.009 $\chi^2/\text{NDF}: 233402.8/32$

All: -21.012 ± 0.006 $\chi^2/\text{NDF}: 368225.6/62$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



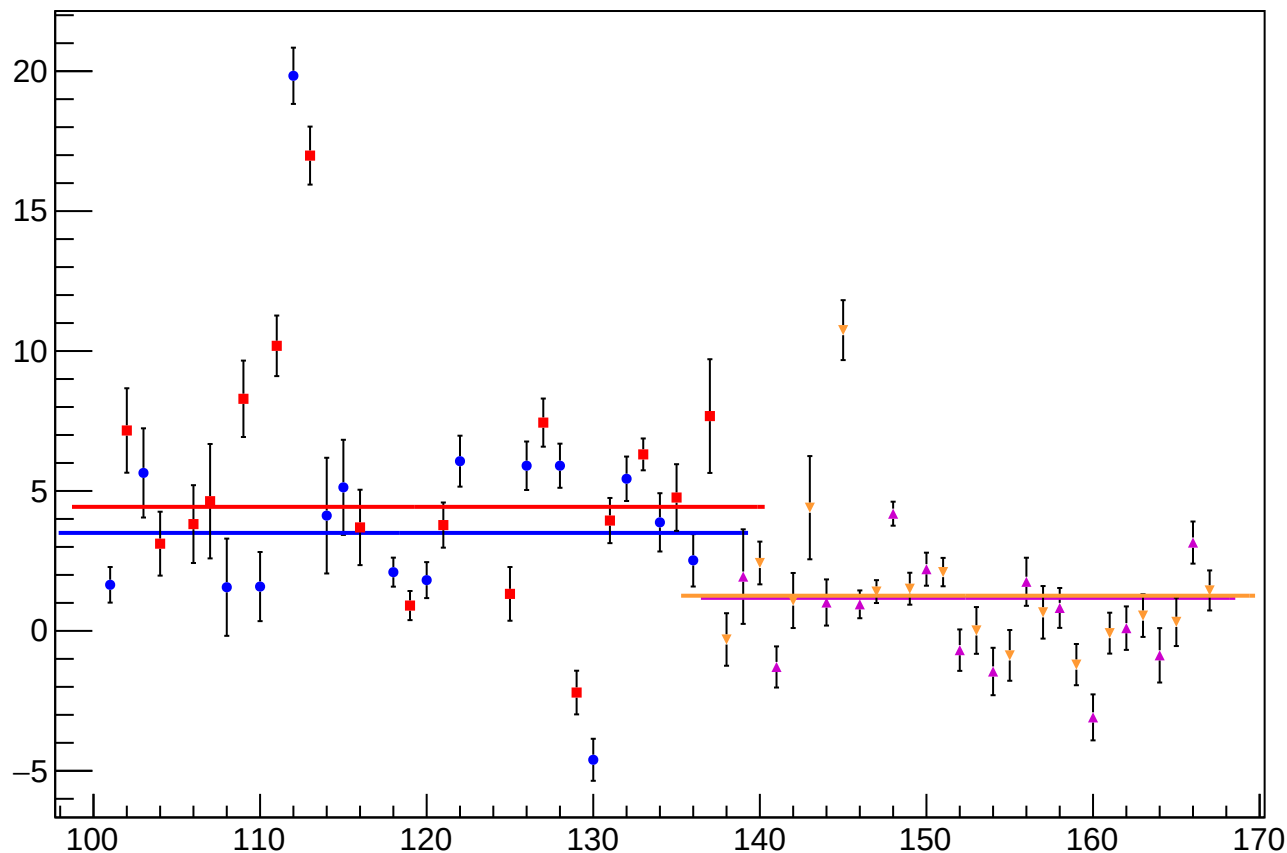
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.939+/-0.263 χ^2/NDF :913.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.801+/-0.268 χ^2/NDF :570.4/13

Left: -38.871+/-0.188 χ^2/NDF : 1484.4/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.801+/-0.268 χ^2/NDF :570.4/13
 Out: -38.939+/-0.263 χ^2/NDF :913.9/15

All: -38.871+/-0.188 χ^2/NDF : 1484.4/29

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.257 $\pm$ 0.181 χ^2 /NDF:114.5/15

Right Out: 4.432 $\pm$ 0.225 χ^2 /NDF: 343.6/16

Left In: 1.180 $\pm$ 0.187 χ^2 /NDF:121.0/13

Left: 1.220 $\pm$ 0.130 χ^2 /NDF: 235.6/29

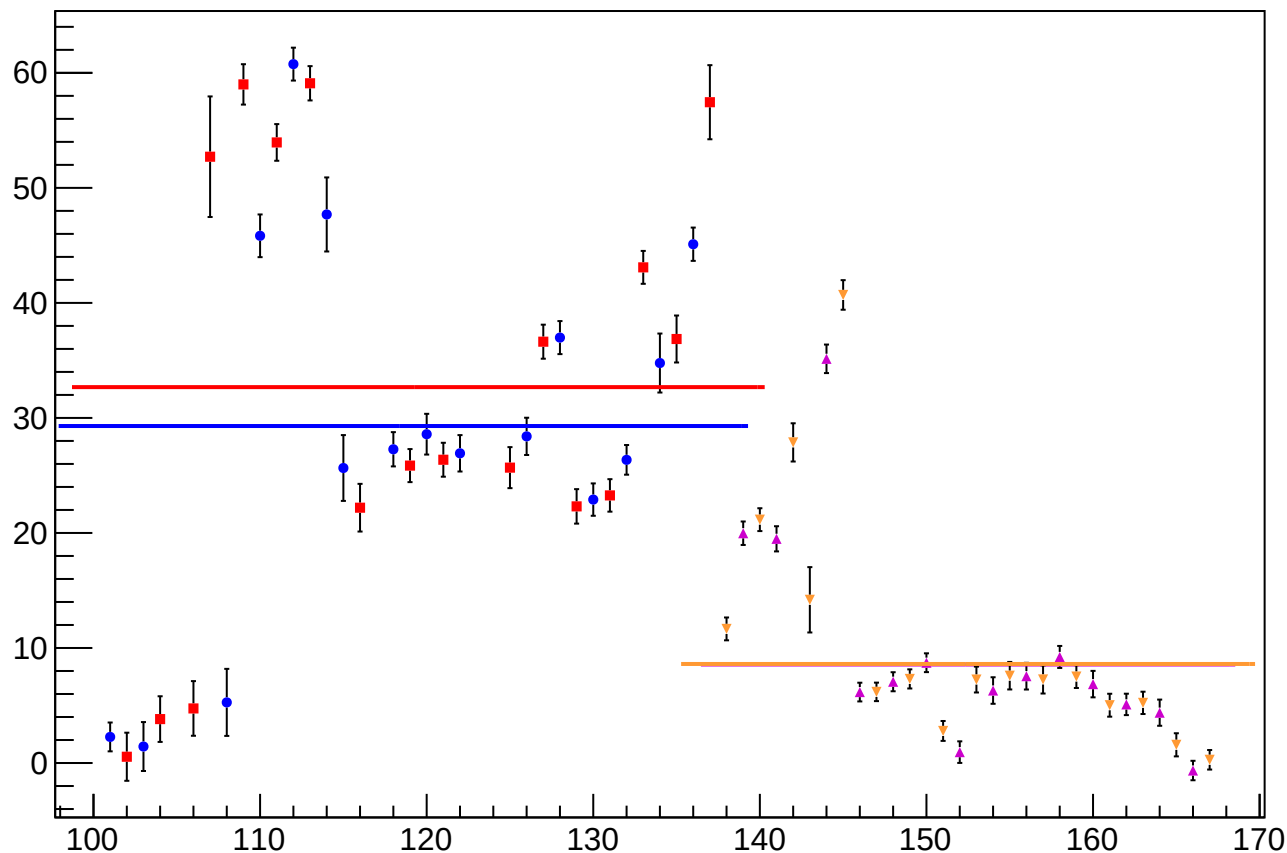
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.168 $\pm$ 0.142 χ^2 /NDF:628.3/29

Out: 2.503 $\pm$ 0.141 χ^2 /NDF:578.9/32

All: 2.336 $\pm$ 0.100 χ^2 /NDF: 1210.0/62

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2/NDF : 1485.2/15

Left Out: 8.610 $\pm$ 0.258 χ^2/NDF : 1161.7/15

Right Out: 32.679 $\pm$ 0.423 χ^2/NDF : 1614.8/16

Left In: 8.562 $\pm$ 0.261 χ^2/NDF : 915.4/13

Left: 8.586 $\pm$ 0.183 χ^2/NDF : 2077.2/29

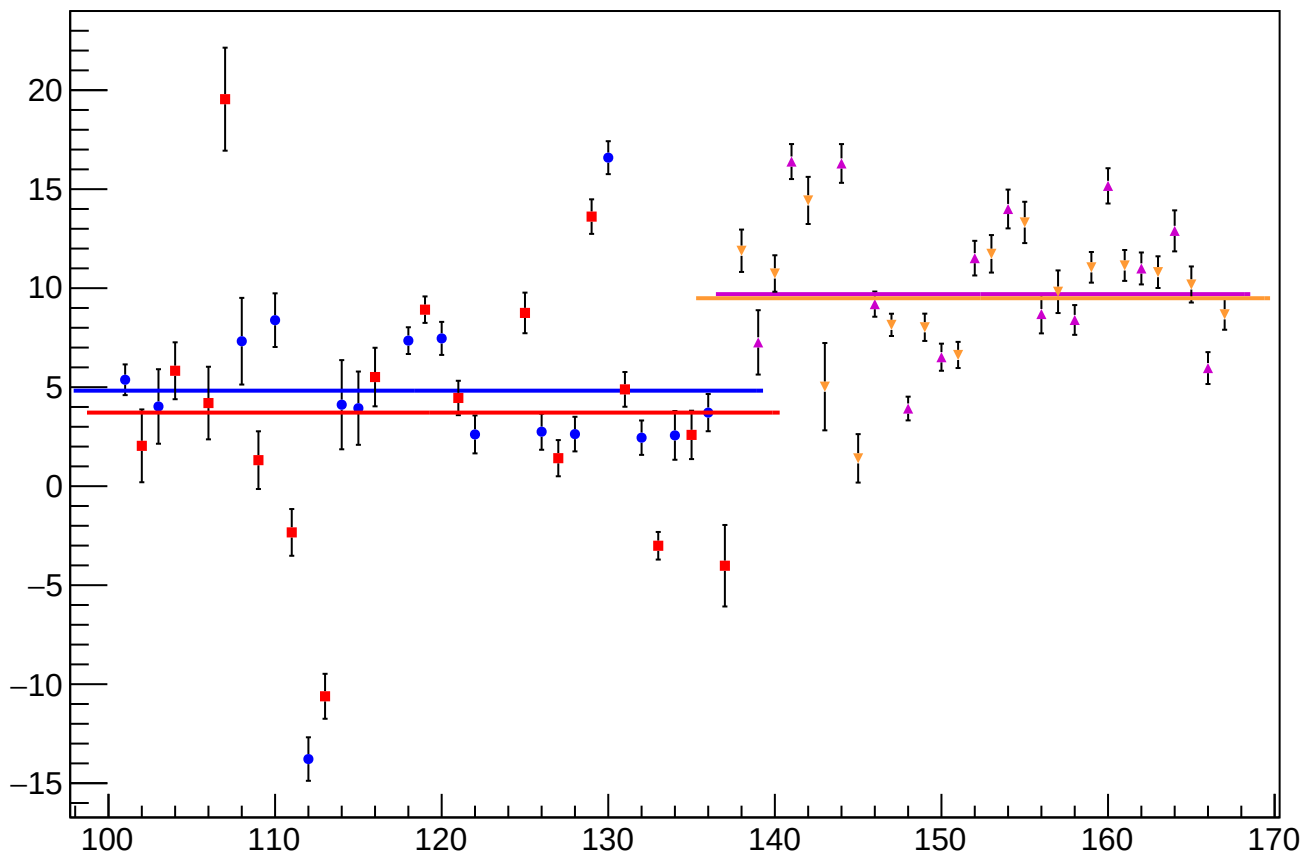
Right: 30.964 $\pm$ 0.297 χ^2/NDF : 3132.4/32

In: 14.383 $\pm$ 0.221 χ^2/NDF : 4176.9/29

Out: 15.119 $\pm$ 0.220 χ^2/NDF : 5136.4/32

All: 14.753 $\pm$ 0.156 χ^2/NDF : 9318.9/62

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: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 9.699 $\pm$ 0.221 χ^2 /NDF:319.2/13

Left: 9.592 $\pm$ 0.154 χ^2 /NDF: 452.7/29

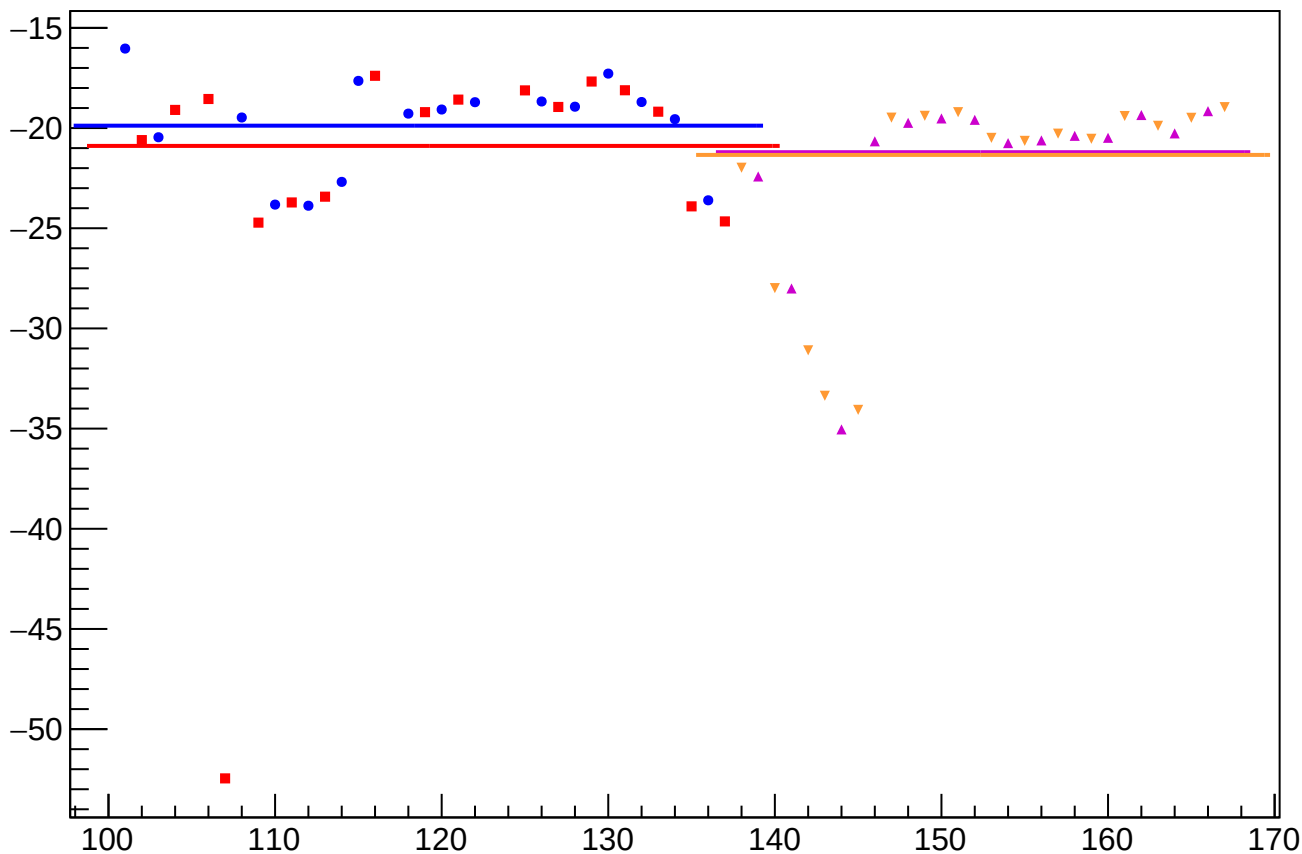
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 7.578 $\pm$ 0.166 χ^2 /NDF:1080.6/29

Out: 7.145 $\pm$ 0.165 χ^2 /NDF:988.7/32

All: 7.360 $\pm$ 0.117 χ^2 /NDF: 2072.8/62

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 χ^2/NDF : 26082.0/15

Left Out: -21.340 ± 0.010 χ^2/NDF : 140139.1/15

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -21.204 ± 0.010 χ^2/NDF : 102638.8/13

Left: -21.273 ± 0.007 χ^2/NDF : 242864.2/29

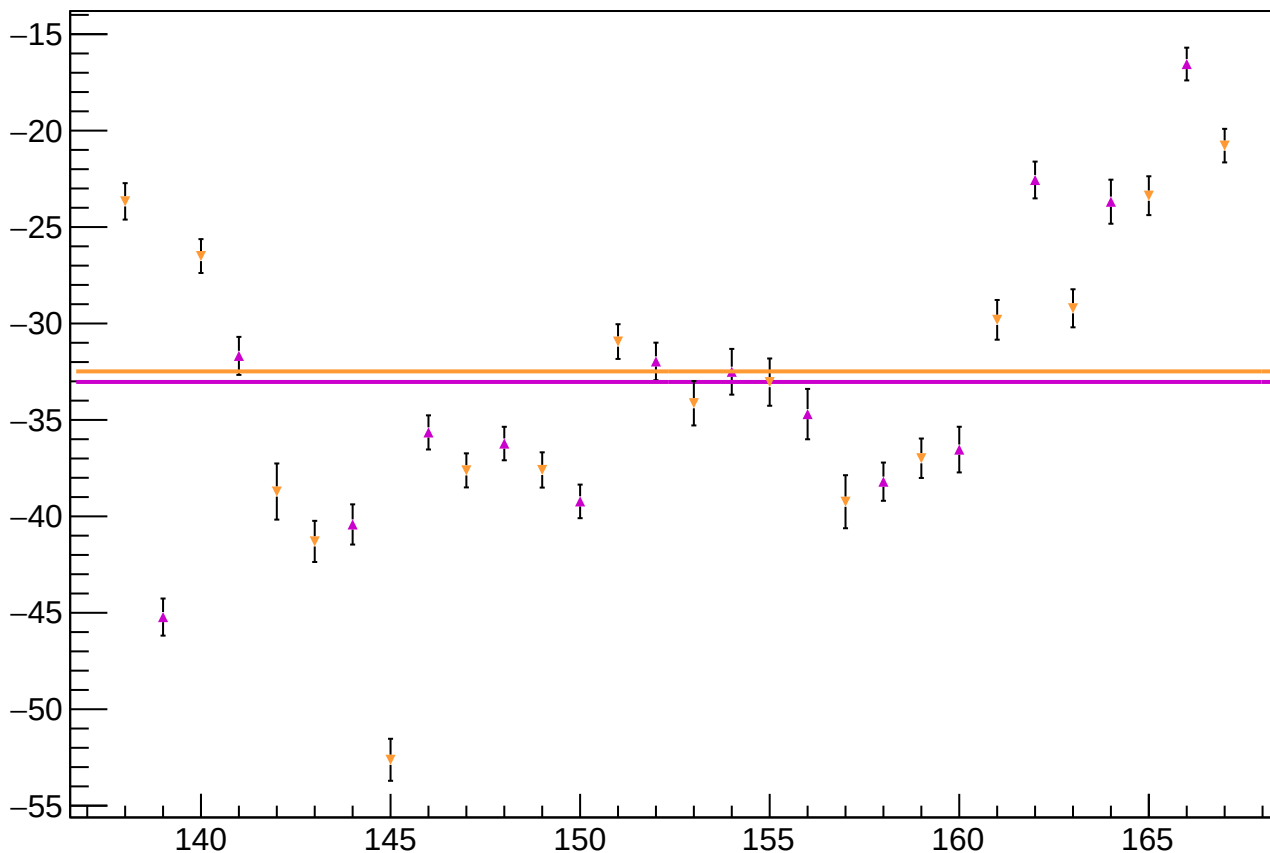
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -20.796 ± 0.009 χ^2/NDF : 133716.9/29

Out: -21.205 ± 0.009 χ^2/NDF : 233624.7/32

All: -21.002 ± 0.006 χ^2/NDF : 368466.3/62

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



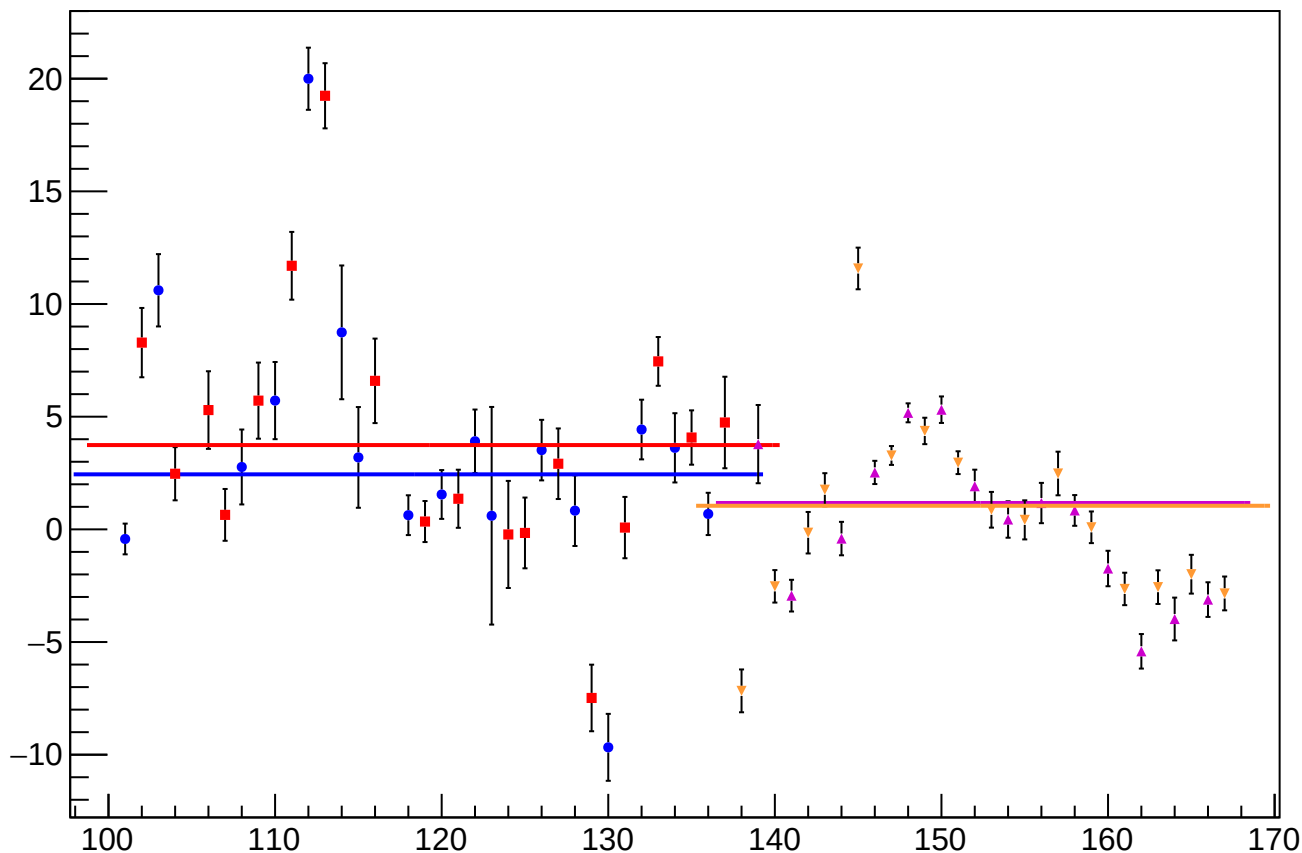
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.483+/-0.254 χ^2/NDF :956.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.031+/-0.265 χ^2/NDF :889.3/13

Left: -32.746+/-0.183 χ^2/NDF : 1847.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.031+/-0.265 χ^2/NDF :889.3/13
 Out: -32.483+/-0.254 χ^2/NDF :956.2/15

All: -32.746+/-0.183 χ^2/NDF : 1847.8/29

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: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 1.170 ± 0.185 χ^2/NDF : 337.7/13

Left: 1.105 ± 0.127 χ^2/NDF : 738.1/29

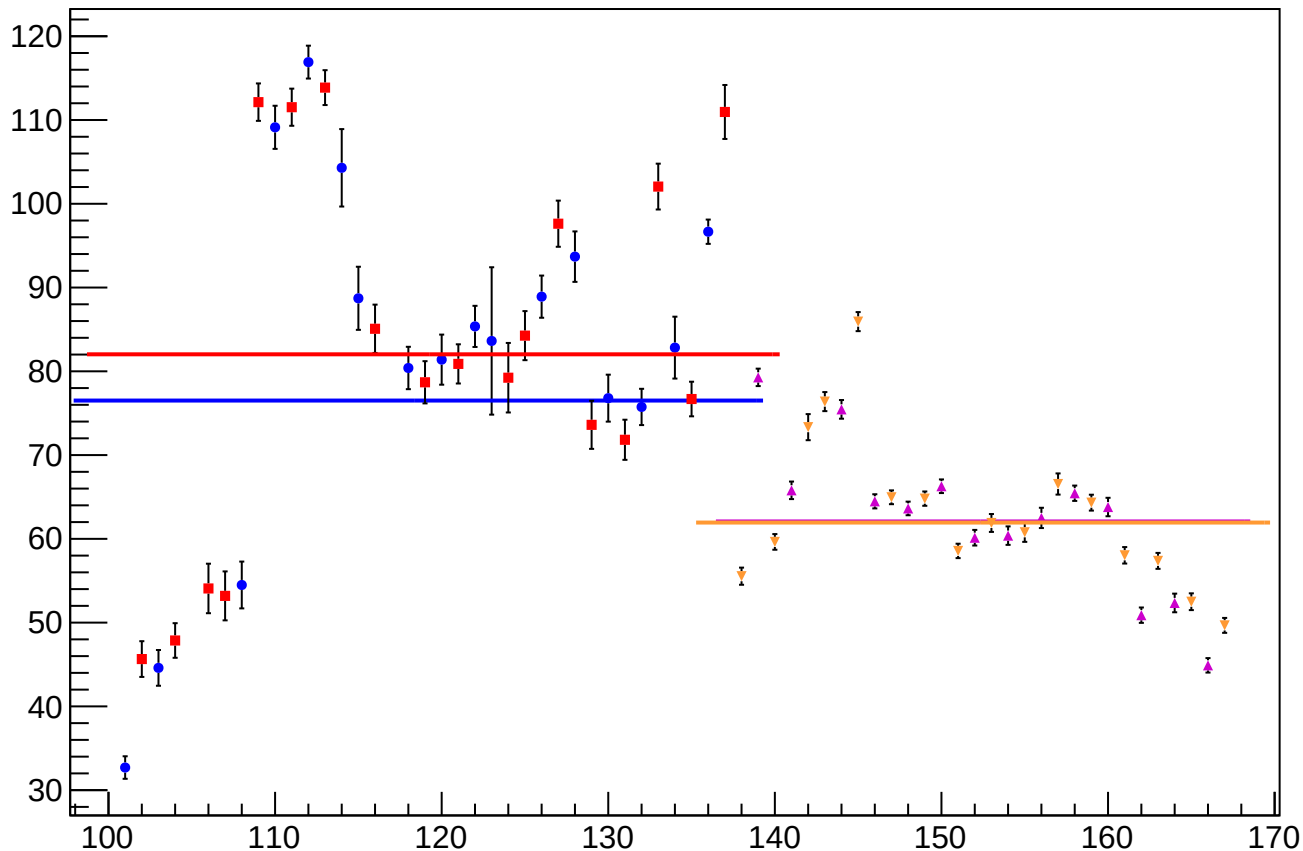
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 1.501 ± 0.159 χ^2/NDF : 644.7/30

Out: 1.648 ± 0.154 χ^2/NDF : 721.1/33

All: 1.576 ± 0.111 χ^2/NDF : 1366.3/64

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 ± 0.574 χ^2/NDF : 2250.9/16

Left Out: 61.945 ± 0.250 χ^2/NDF : 1083.2/15

Right Out: 82.029 ± 0.593 χ^2/NDF : 1548.0/17

Left In: 62.077 ± 0.258 χ^2/NDF : 1110.9/13

Left: 62.009 ± 0.179 χ^2/NDF : 2194.3/29

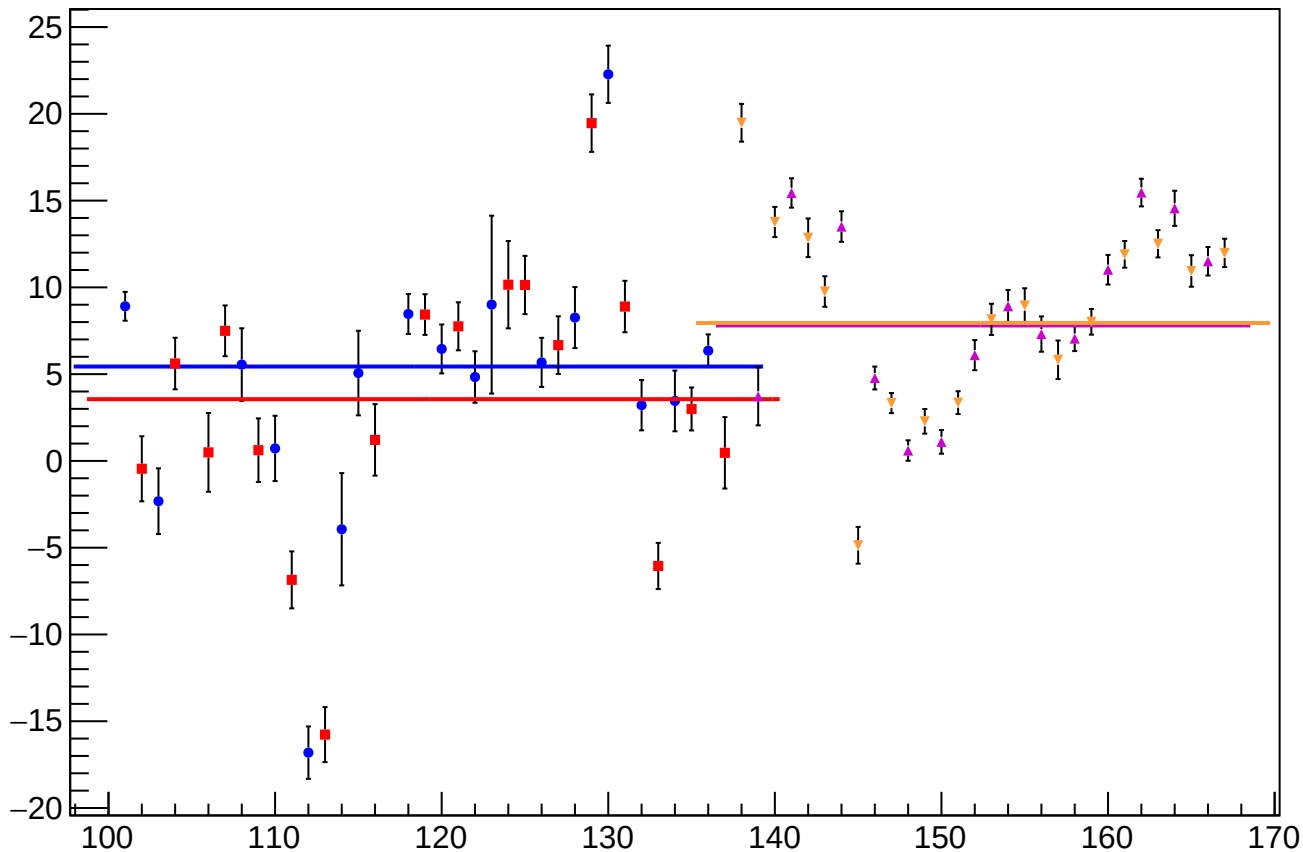
Right: 79.182 ± 0.412 χ^2/NDF : 3843.6/34

In: 64.496 ± 0.235 χ^2/NDF : 3887.7/30

Out: 64.976 ± 0.230 χ^2/NDF : 3606.5/33

All: 64.741 ± 0.164 χ^2/NDF : 7496.3/64

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 7.948 $\pm$ 0.207 χ^2 /NDF:604.5/15

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 7.806 $\pm$ 0.217 χ^2 /NDF:574.8/13

Left: 7.881 $\pm$ 0.150 χ^2 /NDF: 1179.5/29

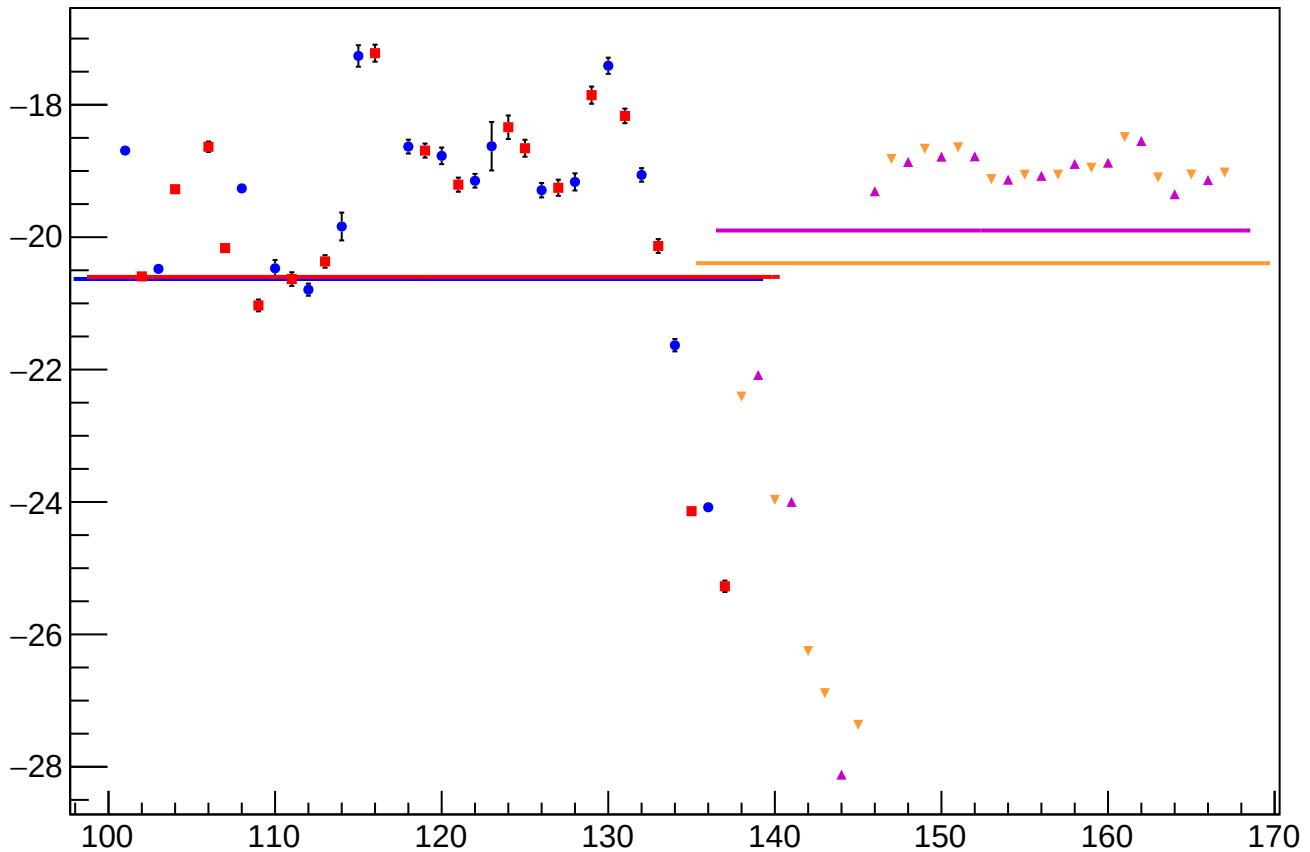
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 7.167 $\pm$ 0.186 χ^2 /NDF:993.0/30

Out: 6.925 $\pm$ 0.181 χ^2 /NDF:1130.1/33

All: 7.043 $\pm$ 0.130 χ^2 /NDF: 2123.9/64

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.393+/-0.010 χ^2/NDF : 80503.6/15

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -19.899+/-0.010 χ^2/NDF : 48657.8/13

Left: -20.153+/-0.007 χ^2/NDF : 130353.1/29

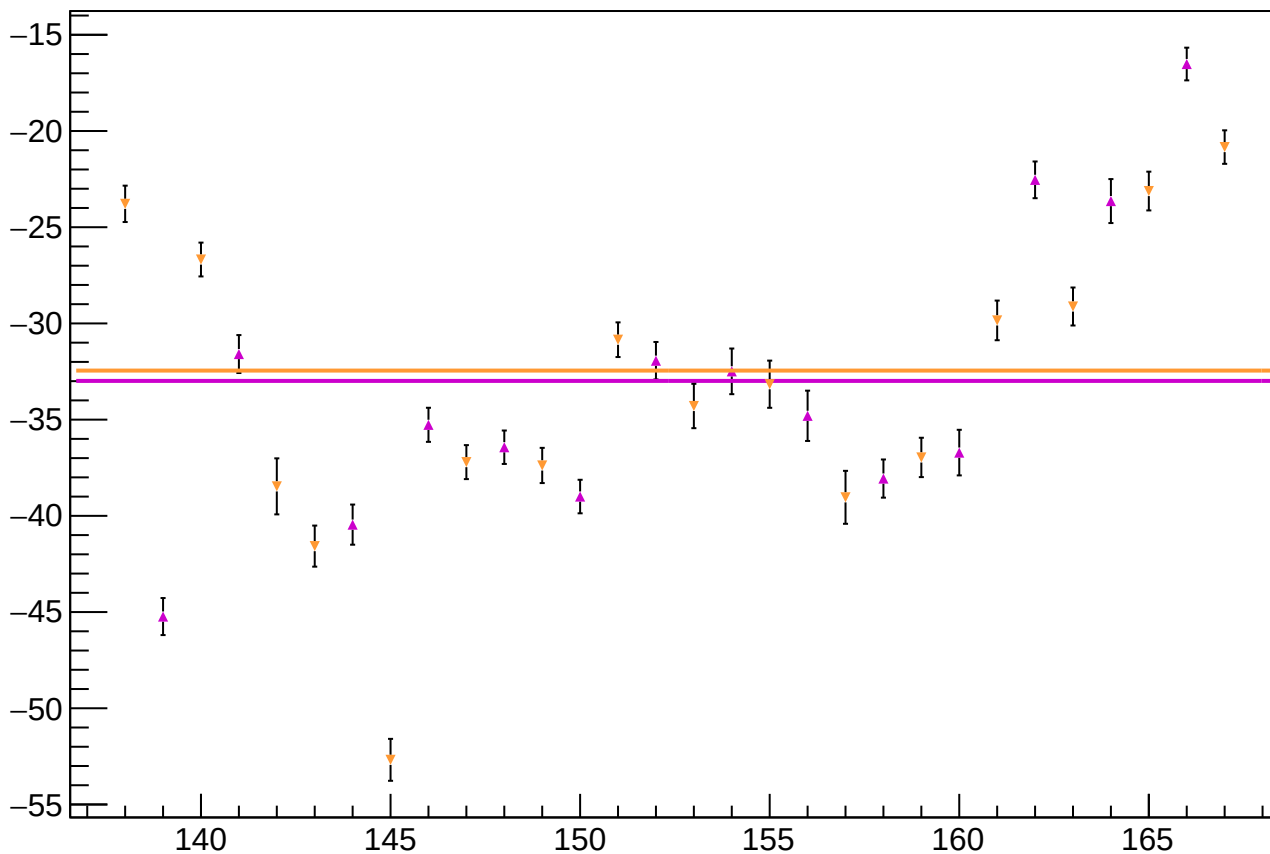
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -20.061+/-0.009 χ^2/NDF : 62282.6/30

Out: -20.436+/-0.009 χ^2/NDF : 92567.3/33

All: -20.253+/-0.006 χ^2/NDF : 155724.9/64

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



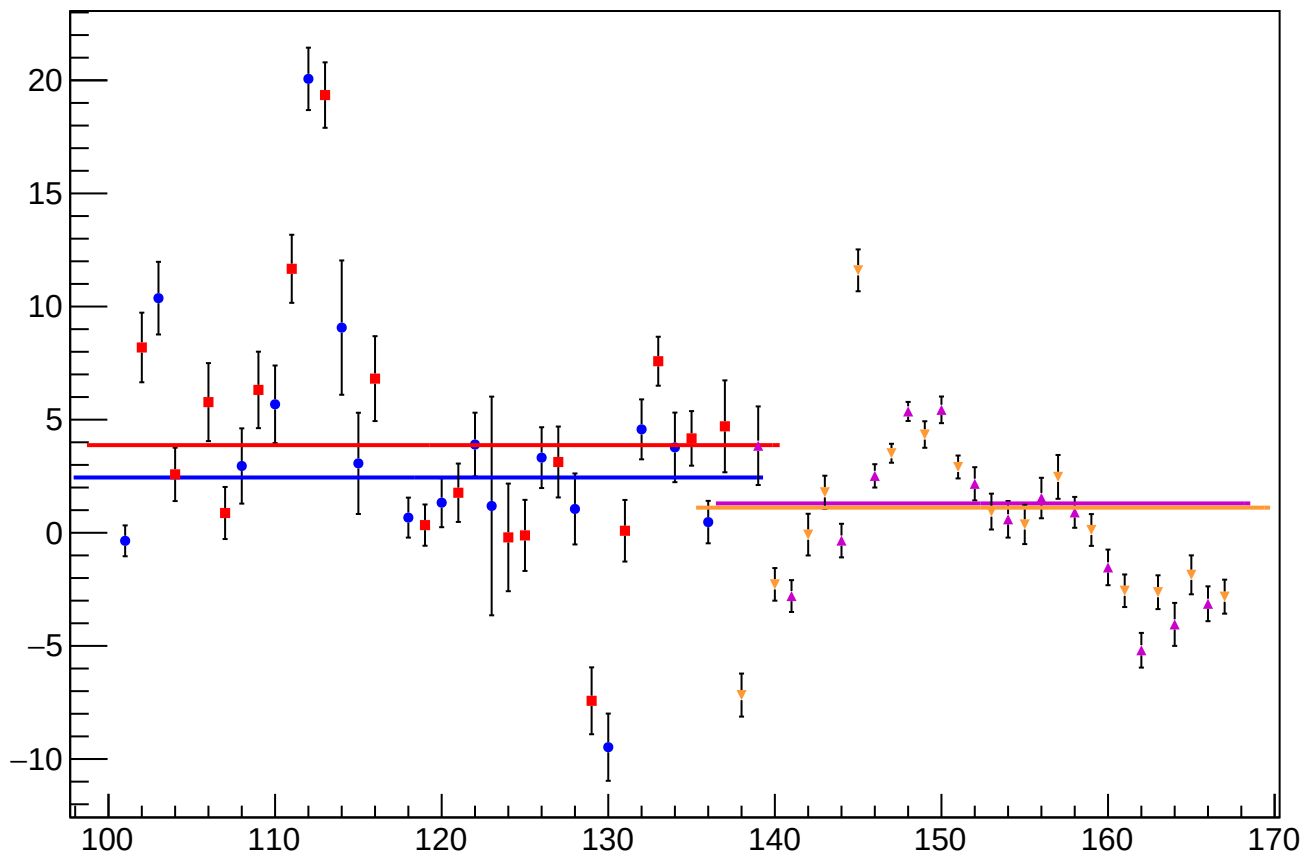
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.450+/-0.254 χ^2/NDF :949.9/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -32.987+/-0.265 χ^2/NDF :887.1/13

Left: -32.708+/-0.183 χ^2/NDF : 1839.1/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.987+/-0.265 χ^2/NDF :887.1/13
 Out: -32.450+/-0.254 χ^2/NDF :949.9/15

All: -32.708+/-0.183 χ^2/NDF : 1839.1/29

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 1.111 $\pm$ 0.175 χ^2 /NDF:400.3/15

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: 1.298 $\pm$ 0.185 χ^2 /NDF:340.9/13

Left: 1.199 $\pm$ 0.127 χ^2 /NDF: 741.7/29

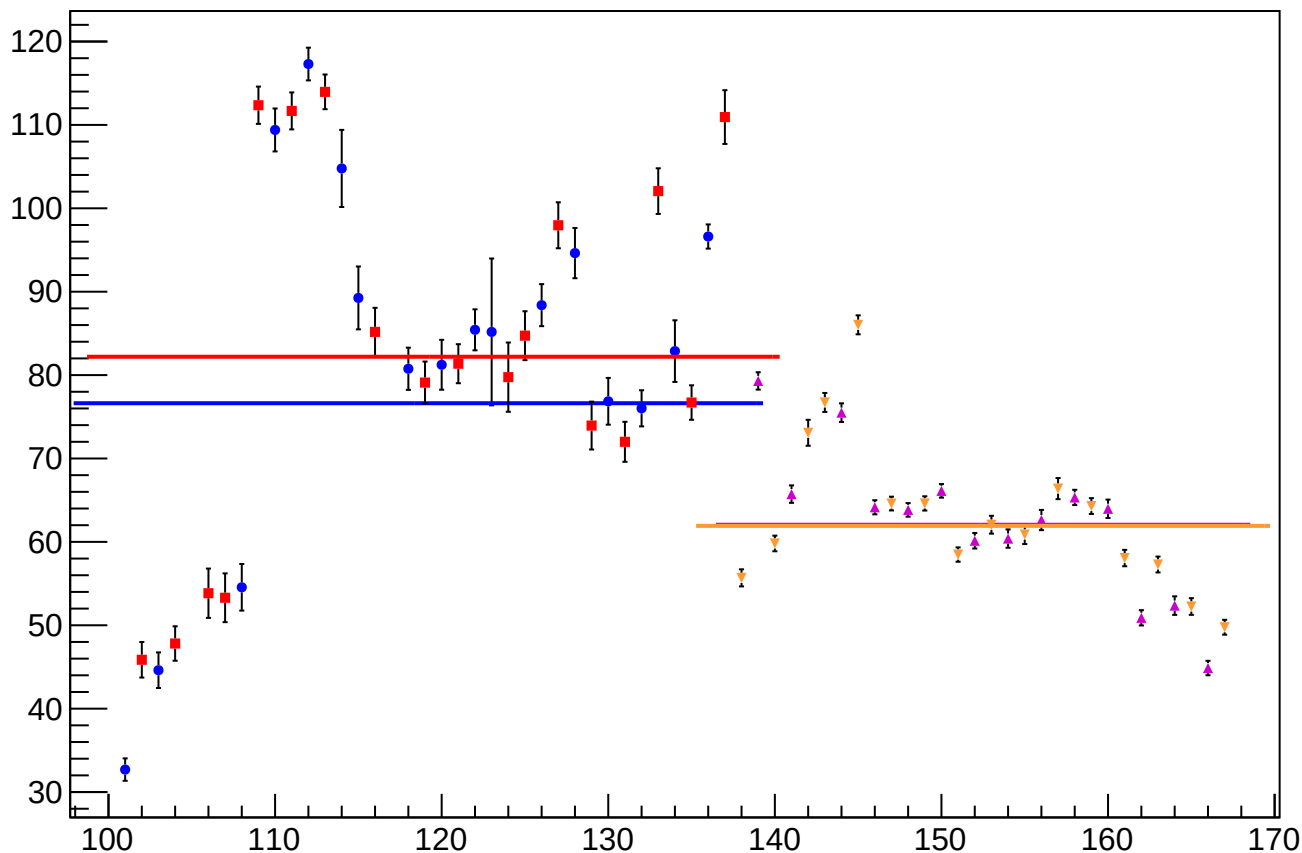
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 1.596 $\pm$ 0.159 χ^2 /NDF:643.6/30

Out: 1.727 $\pm$ 0.154 χ^2 /NDF:724.1/33

All: 1.663 $\pm$ 0.111 χ^2 /NDF: 1368.0/64

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 ± 0.574 χ^2/NDF : 2262.8/16

Left Out: 61.919 ± 0.250 χ^2/NDF : 1085.6/15

Right Out: 82.201 ± 0.593 χ^2/NDF : 1550.2/17

Left In: 62.056 ± 0.258 χ^2/NDF : 1107.9/13

Left: 61.985 ± 0.179 χ^2/NDF : 2193.6/29

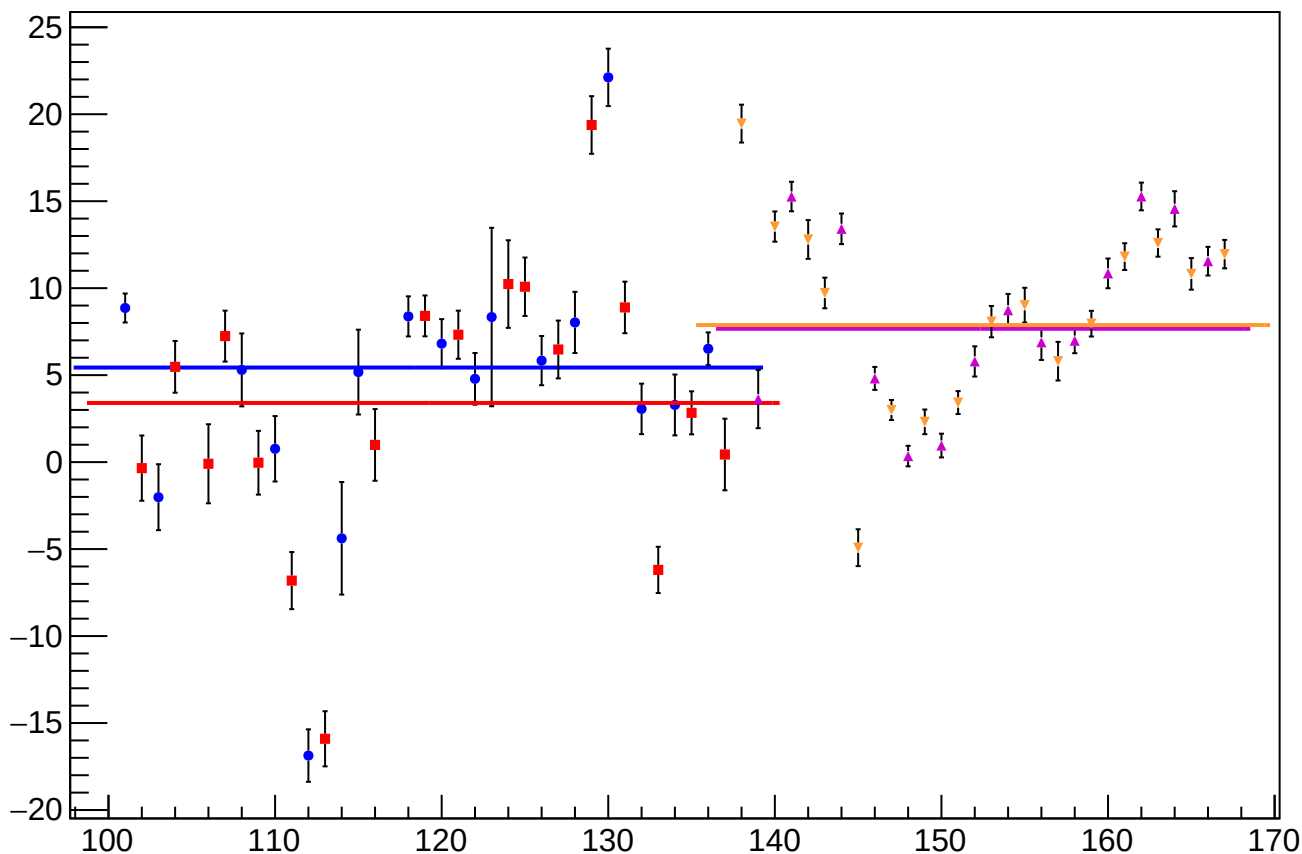
Right: 79.325 ± 0.413 χ^2/NDF : 3858.6/34

In: 64.500 ± 0.235 χ^2/NDF : 3906.1/30

Out: 64.979 ± 0.230 χ^2/NDF : 3629.3/33

All: 64.744 ± 0.165 χ^2/NDF : 7537.5/64

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 7.879 ± 0.207 $\chi^2/\text{NDF}: 607.0/15$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 7.666 ± 0.218 $\chi^2/\text{NDF}: 579.7/13$

Left: 7.778 ± 0.150 $\chi^2/\text{NDF}: 1187.2/29$

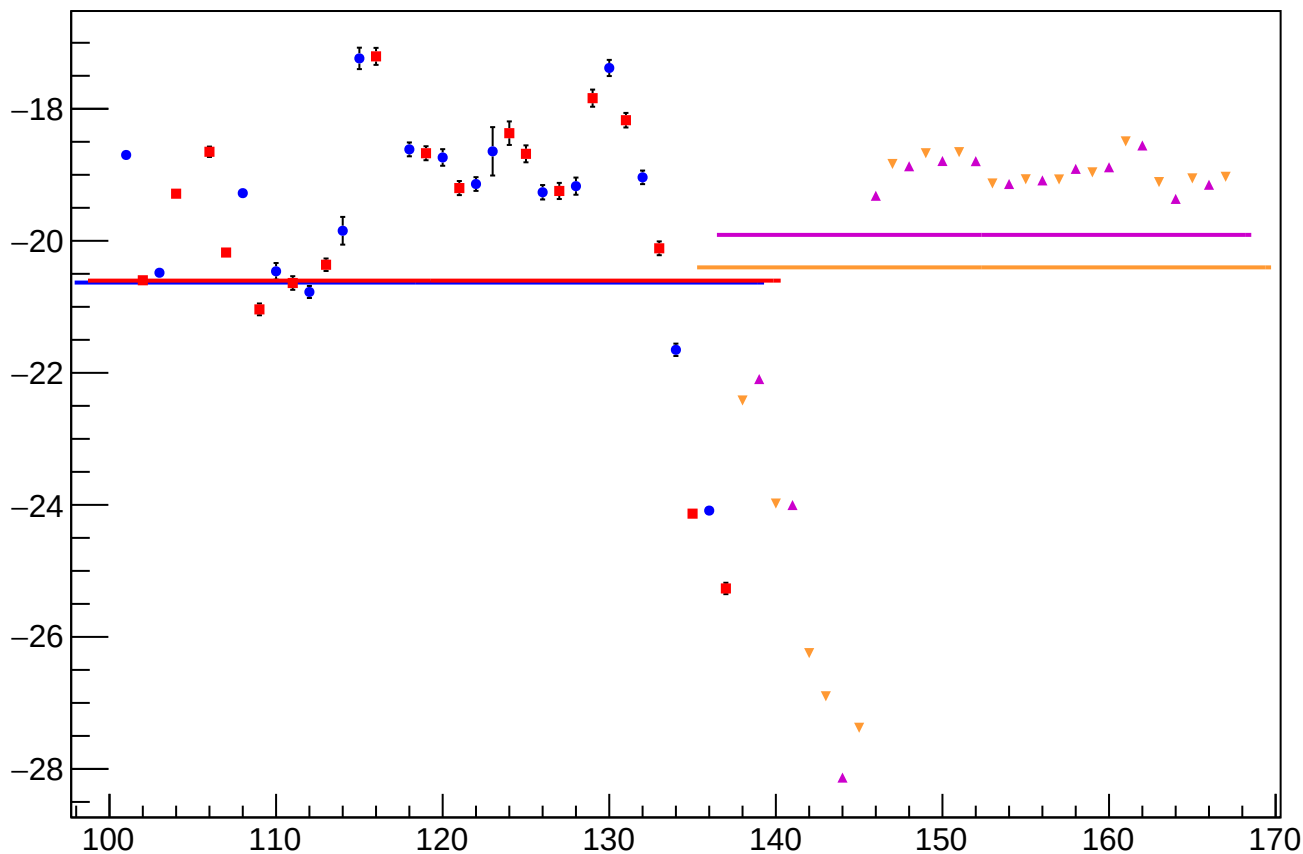
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 7.065 ± 0.186 $\chi^2/\text{NDF}: 992.5/30$

Out: 6.836 ± 0.181 $\chi^2/\text{NDF}: 1137.0/33$

All: 6.947 ± 0.130 $\chi^2/\text{NDF}: 2130.2/64$

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: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.910 ± 0.010 $\chi^2/\text{NDF}: 48585.4/13$

Left: -20.164 ± 0.007 $\chi^2/\text{NDF}: 130143.2/29$

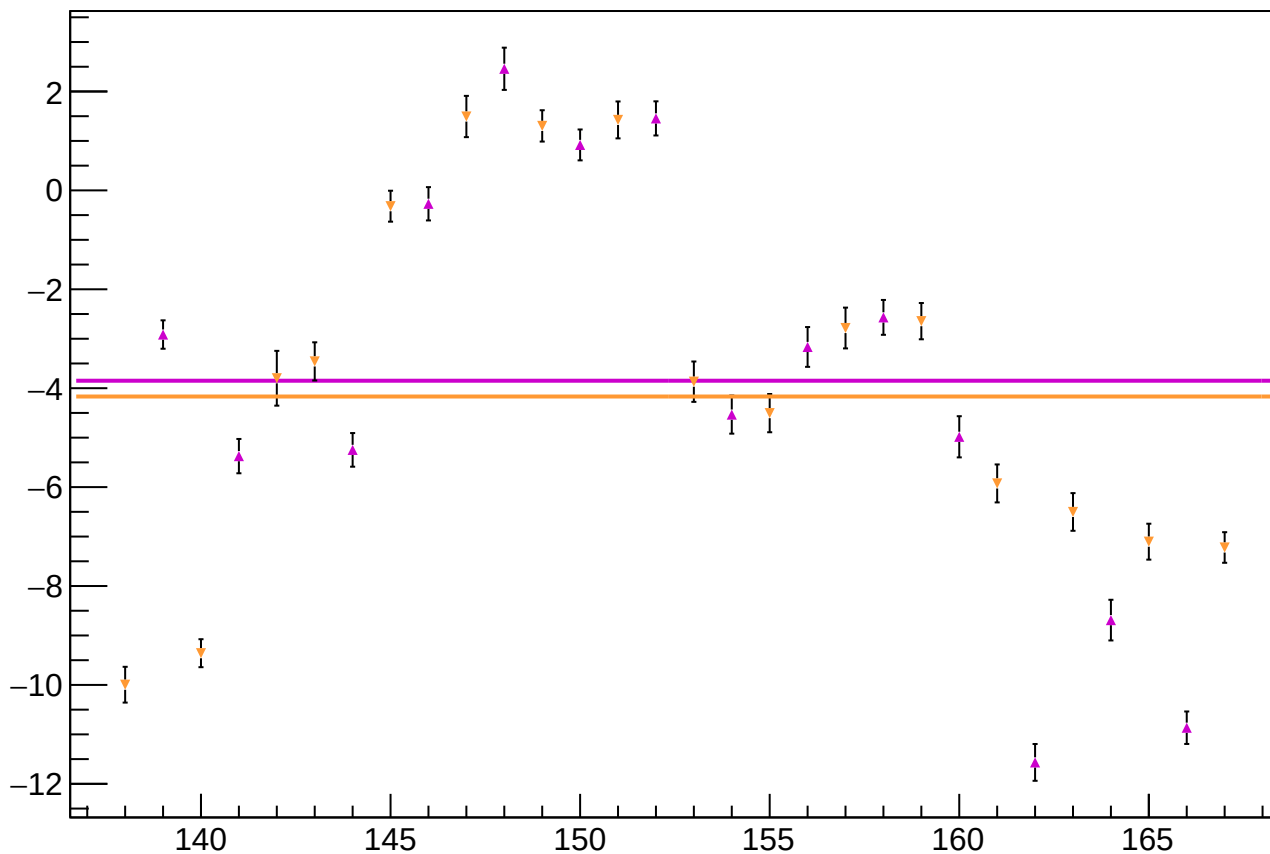
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.070 ± 0.009 $\chi^2/\text{NDF}: 62219.0/30$

Out: -20.444 ± 0.009 $\chi^2/\text{NDF}: 92386.4/33$

All: -20.261 ± 0.006 $\chi^2/\text{NDF}: 155475.1/64$

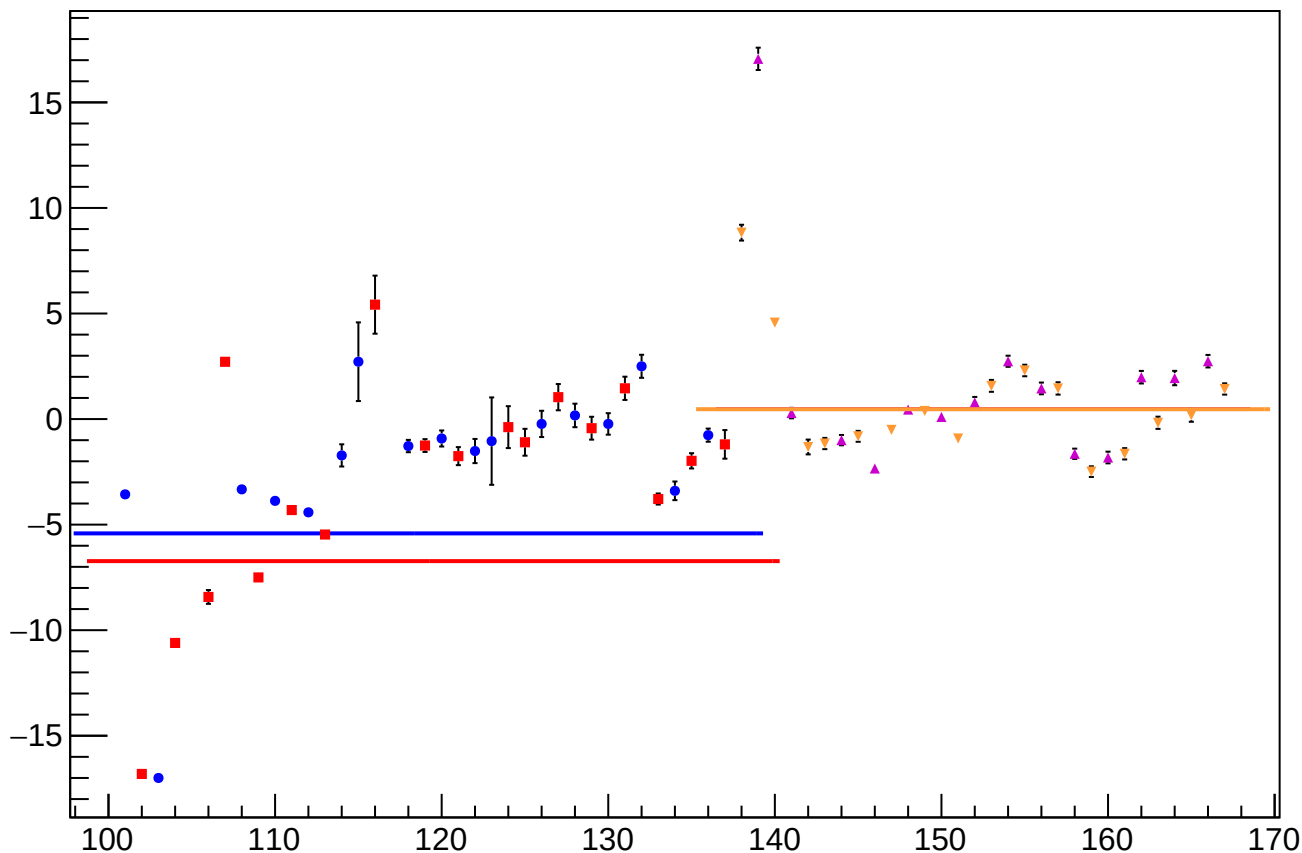
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -4.168 $\pm$ 0.091 χ^2/NDF :1709.2/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -3.849 $\pm$ 0.095 χ^2/NDF :1899.2/13

Left: -4.015 $\pm$ 0.066 χ^2/NDF : 3614.3/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -3.849 $\pm$ 0.095 χ^2/NDF :1899.2/13
 Out: -4.168 $\pm$ 0.091 χ^2/NDF :1709.2/15
 All: -4.015 $\pm$ 0.066 χ^2/NDF : 3614.3/29

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415+/-0.055 χ^2/NDF : 9255.1/16

Left Out: 0.467+/-0.065 χ^2/NDF :1243.1/15

Right Out: -6.729+/-0.060 χ^2/NDF : 11217.0/17

Left In: 0.475+/-0.070 χ^2/NDF :1532.0/13

Left: 0.471+/-0.048 χ^2/NDF : 2775.1/29

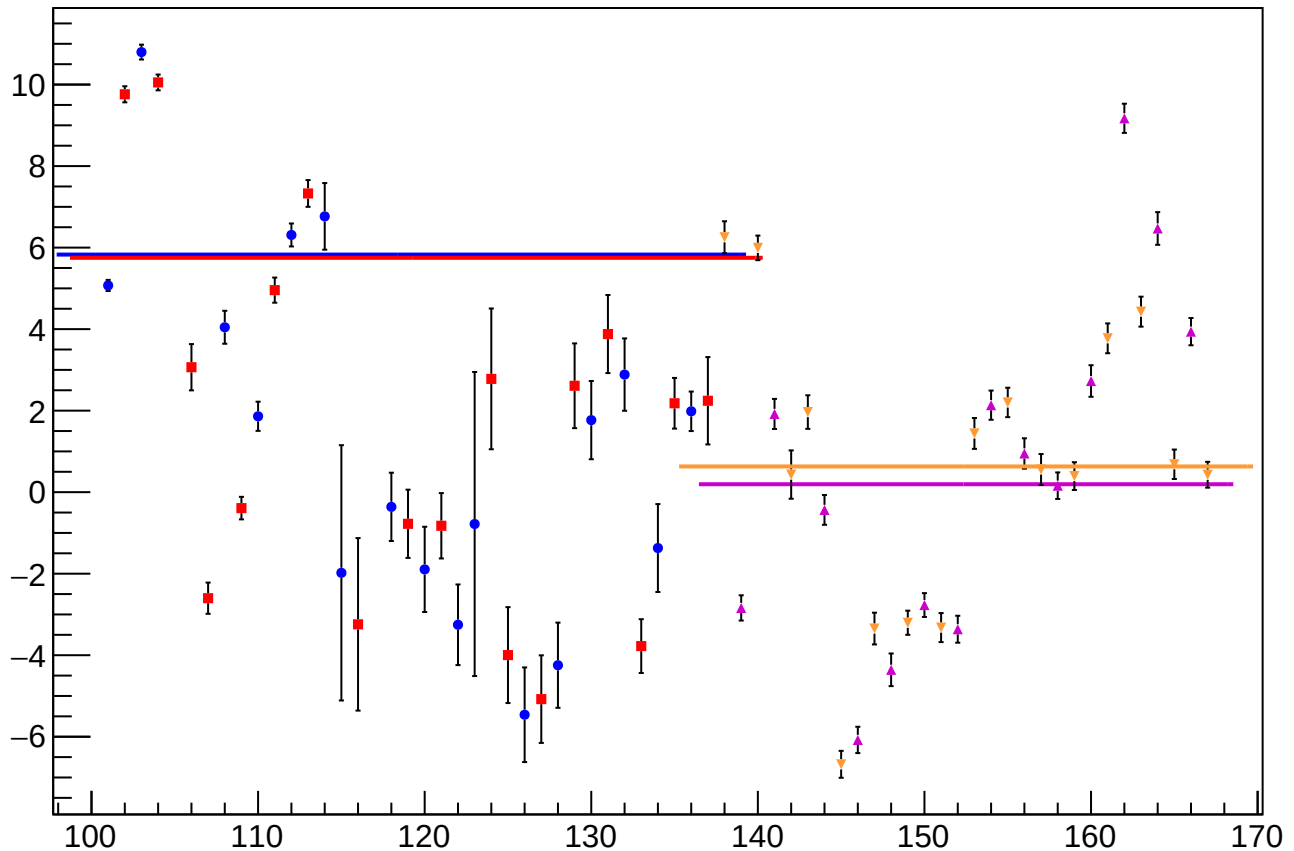
Right: -6.014+/-0.040 χ^2/NDF : 20734.4/34

In: -3.163+/-0.043 χ^2/NDF :15211.6/30

Out: -3.444+/-0.044 χ^2/NDF :19065.0/33

All: -3.300+/-0.031 χ^2/NDF : 34297.5/64

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.631 ± 0.090 χ^2/NDF : 1621.2/15

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: 0.195 ± 0.093 χ^2/NDF : 1921.5/13

Left: 0.420 ± 0.065 χ^2/NDF : 3554.1/29

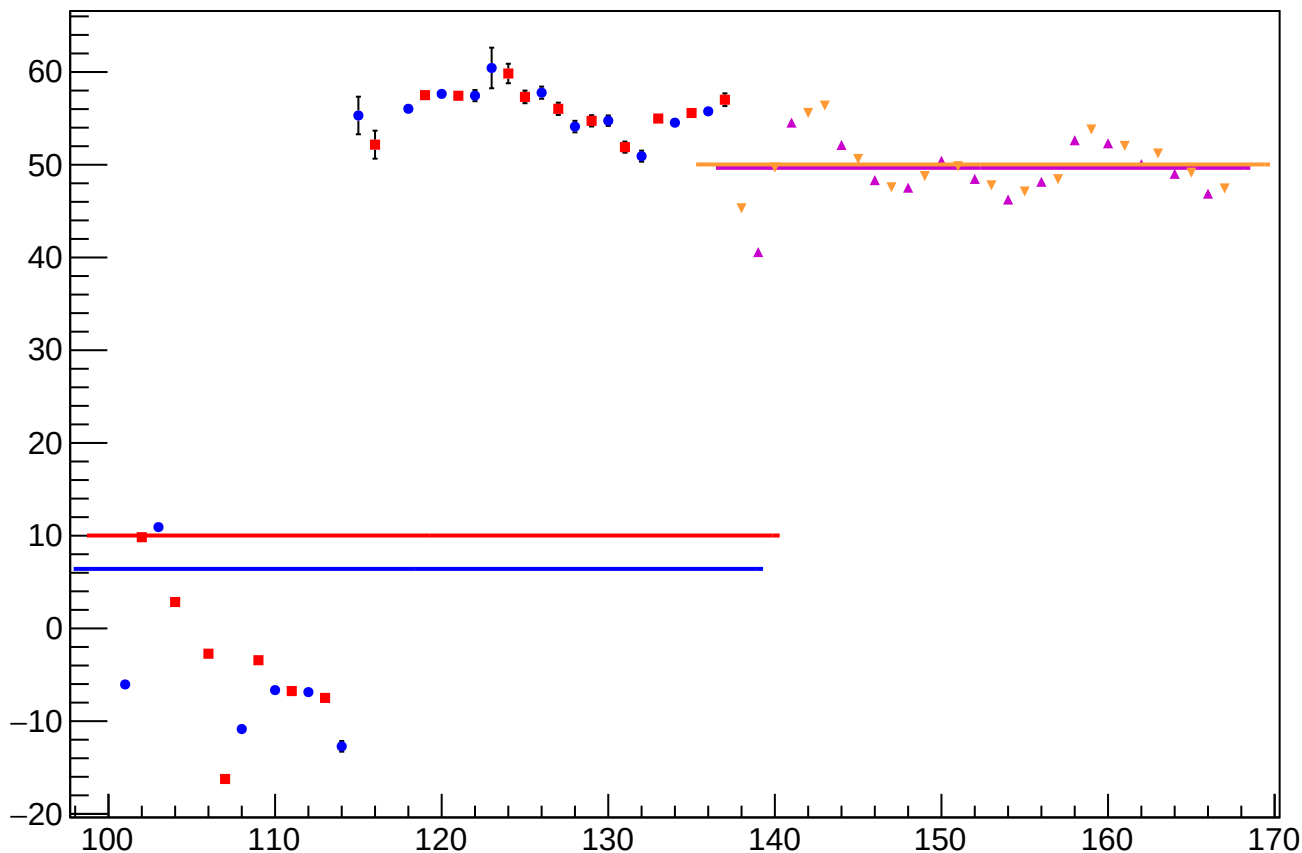
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 3.111 ± 0.064 χ^2/NDF : 5276.4/30

Out: 3.014 ± 0.066 χ^2/NDF : 5644.9/33

All: 3.063 ± 0.046 χ^2/NDF : 10922.5/64

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.031 ± 0.076 χ^2/NDF : 1311.9/15

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.669 ± 0.080 χ^2/NDF : 1202.5/13

Left: 49.860 ± 0.055 χ^2/NDF : 2525.1/29

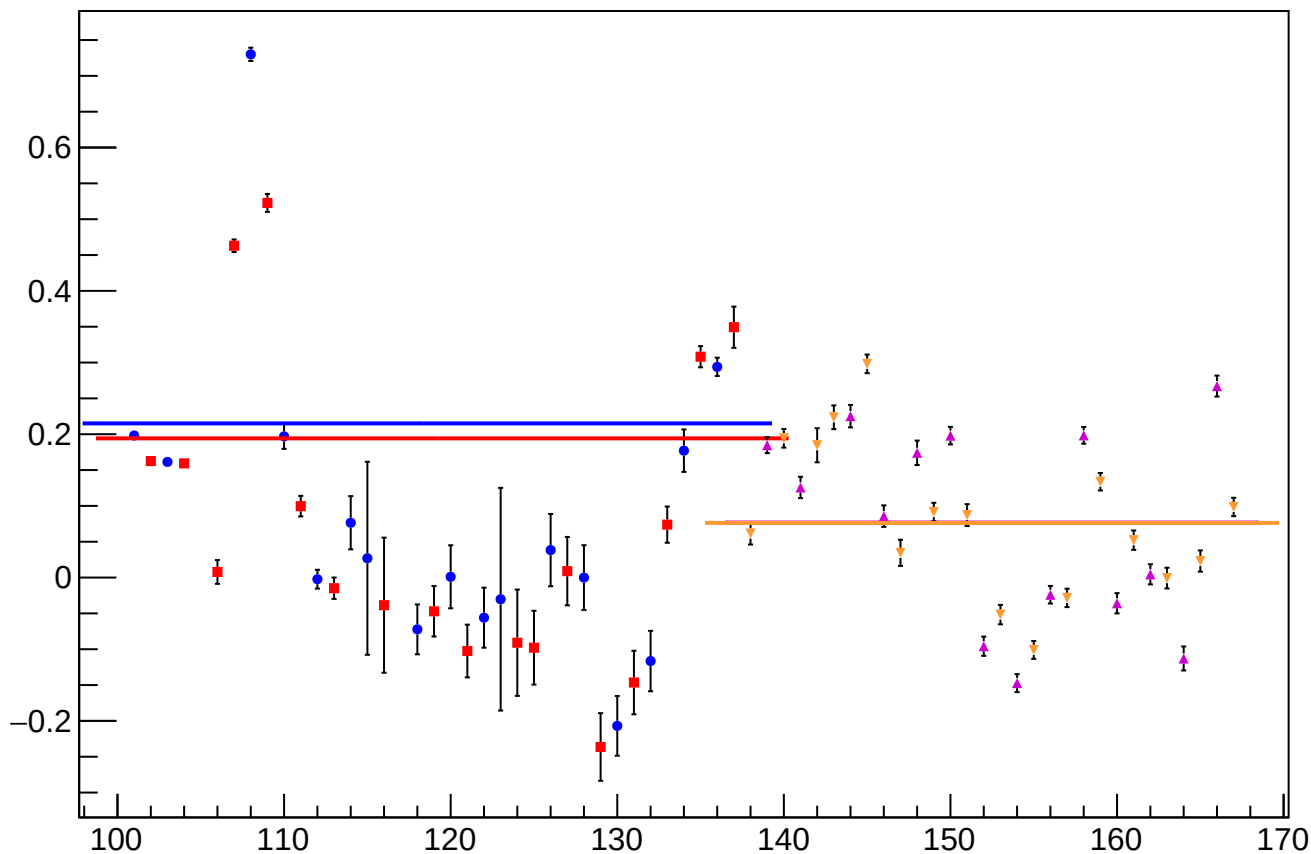
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 23.471 ± 0.050 χ^2/NDF : 300286.6/30

Out: 28.636 ± 0.052 χ^2/NDF : 272325.0/33

All: 25.986 ± 0.036 χ^2/NDF : 577729.2/64

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: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.077 $\pm$ 0.004 χ^2 /NDF: 1372.4/13

Left: 0.076 $\pm$ 0.003 χ^2 /NDF: 2285.0/29

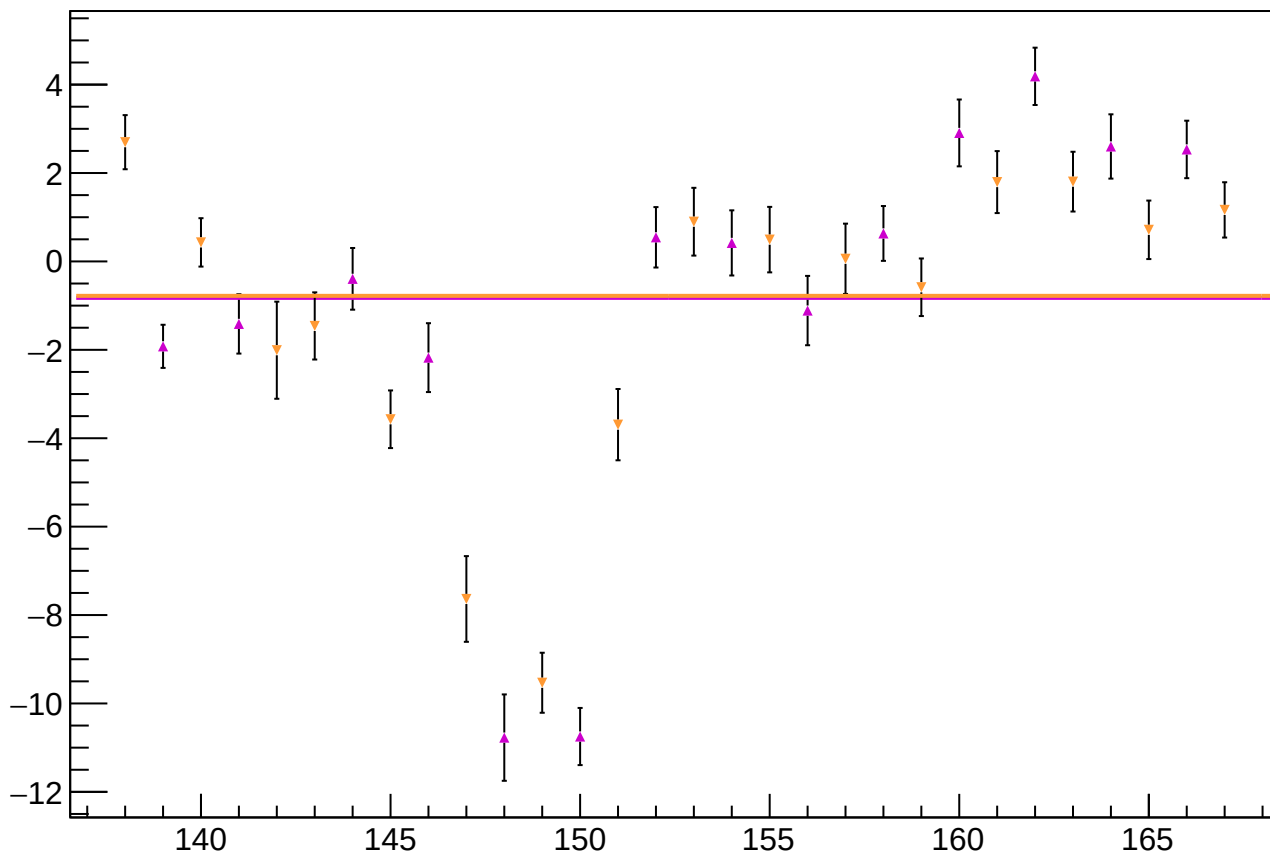
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.164 $\pm$ 0.002 χ^2 /NDF: 6213.5/30

Out: 0.150 $\pm$ 0.002 χ^2 /NDF: 4129.4/33

All: 0.157 $\pm$ 0.002 χ^2 /NDF: 10366.0/64

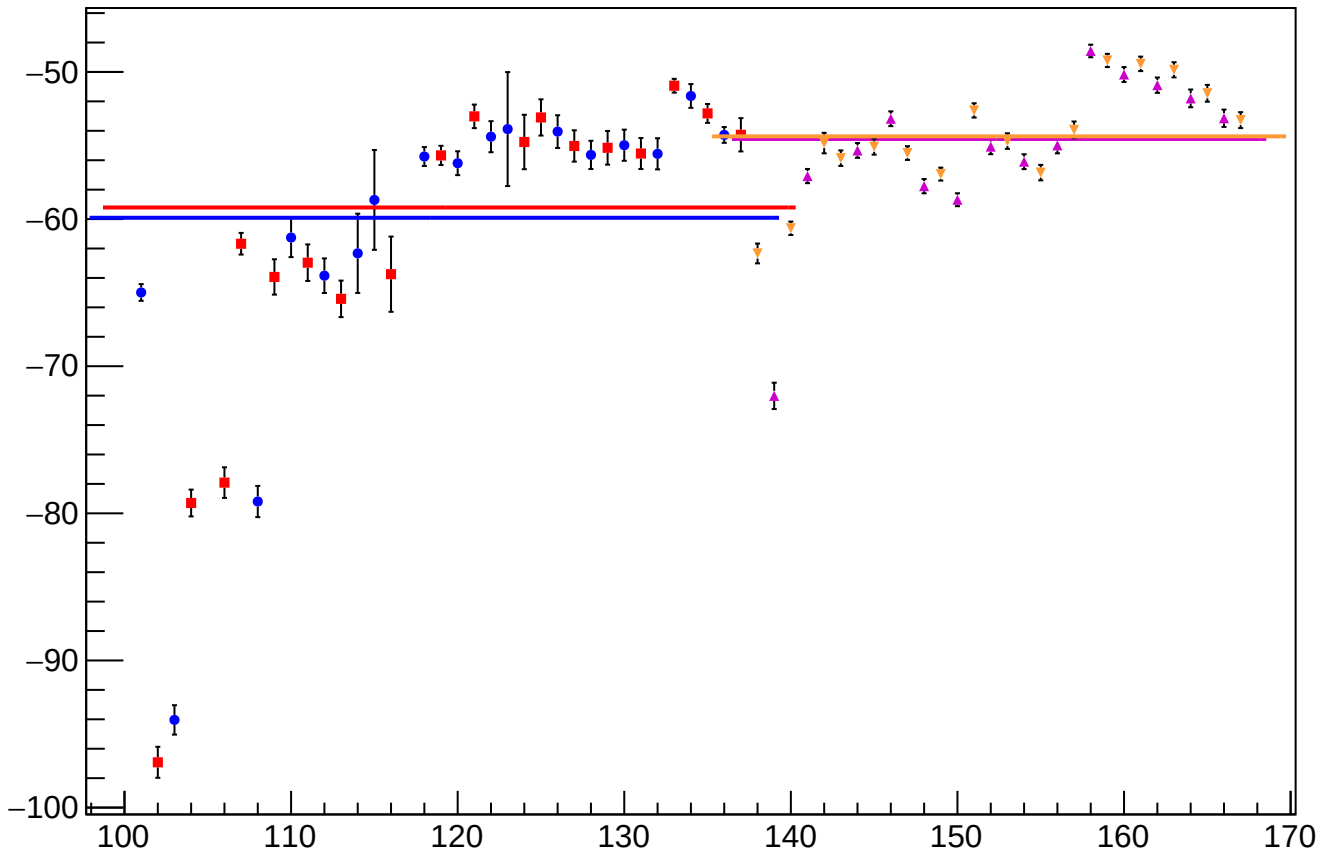
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.825 $\pm$ 0.182 χ^2 /NDF:494.0/13

Left: -0.801 $\pm$ 0.127 χ^2 /NDF: 832.6/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.825 $\pm$ 0.182 χ^2 /NDF:494.0/13
 Out: -0.779 $\pm$ 0.176 χ^2 /NDF:338.6/15
 All: -0.801 $\pm$ 0.127 χ^2 /NDF: 832.6/29

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.378 ± 0.129 χ^2/NDF : 752.0/15

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.553 ± 0.138 χ^2/NDF : 905.7/13

Left: -54.460 ± 0.094 χ^2/NDF : 1658.5/29

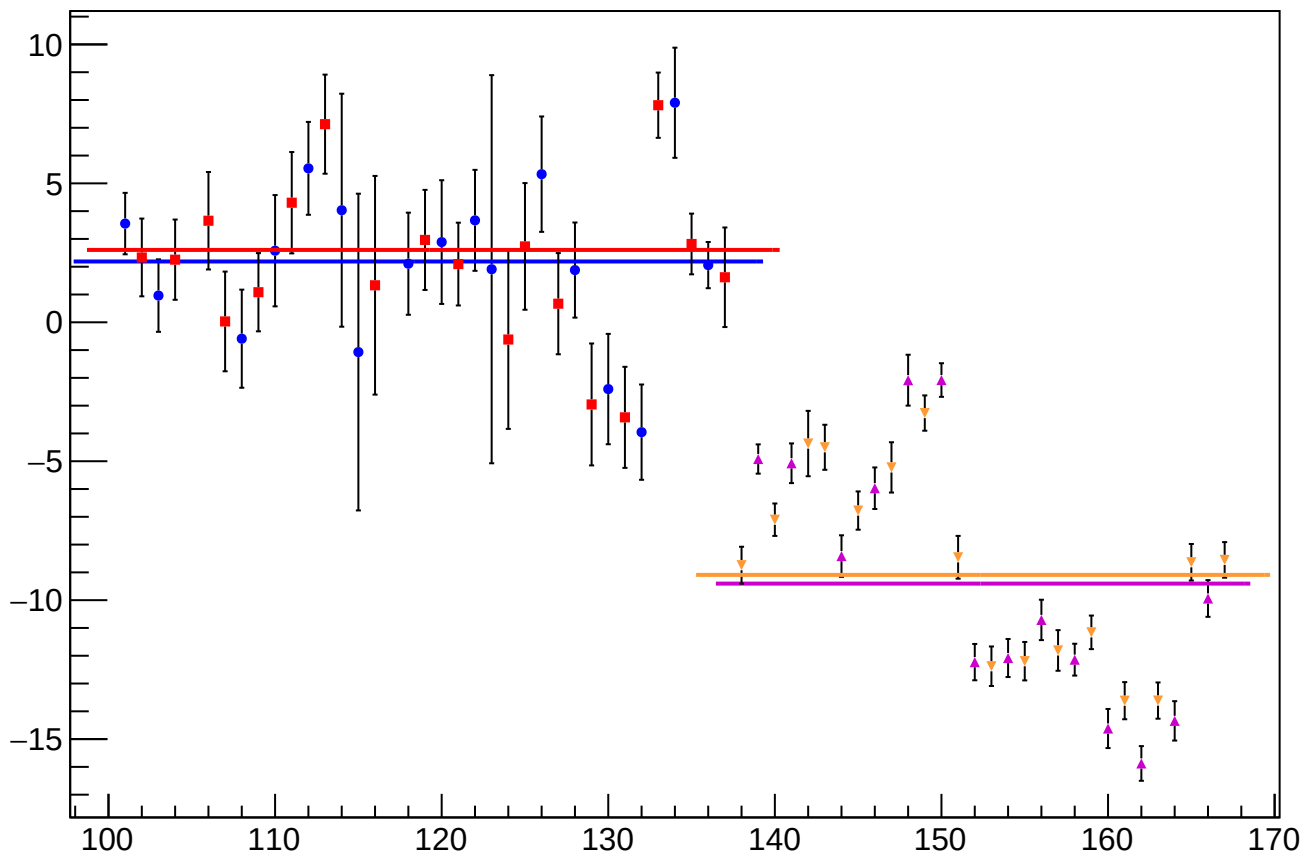
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -56.033 ± 0.117 χ^2/NDF : 3303.5/30

Out: -55.688 ± 0.111 χ^2/NDF : 3872.5/33

All: -55.851 ± 0.080 χ^2/NDF : 7180.6/64

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 $\pm$ 0.405 χ^2 /NDF: 39.1/16
 Left Out: -9.090 $\pm$ 0.174 χ^2 /NDF:336.7/15
 Right Out: 2.605 $\pm$ 0.391 χ^2 /NDF: 50.8/17
 Left In: -9.404 $\pm$ 0.179 χ^2 /NDF:614.4/13

Left: -9.243 $\pm$ 0.125 χ^2 /NDF: 952.7/29
 Right: 2.404 $\pm$ 0.281 χ^2 /NDF: 90.4/34
 In: -7.513 $\pm$ 0.163 χ^2 /NDF:1340.7/30
 Out: -7.153 $\pm$ 0.159 χ^2 /NDF:1134.5/33
 All: -7.328 $\pm$ 0.114 χ^2 /NDF: 2477.7/64

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.727 ± 0.149 $\chi^2/\text{NDF}: 789.2/15$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -36.920 ± 0.157 $\chi^2/\text{NDF}: 853.1/13$

Left: -37.345 ± 0.108 $\chi^2/\text{NDF}: 1656.2/29$

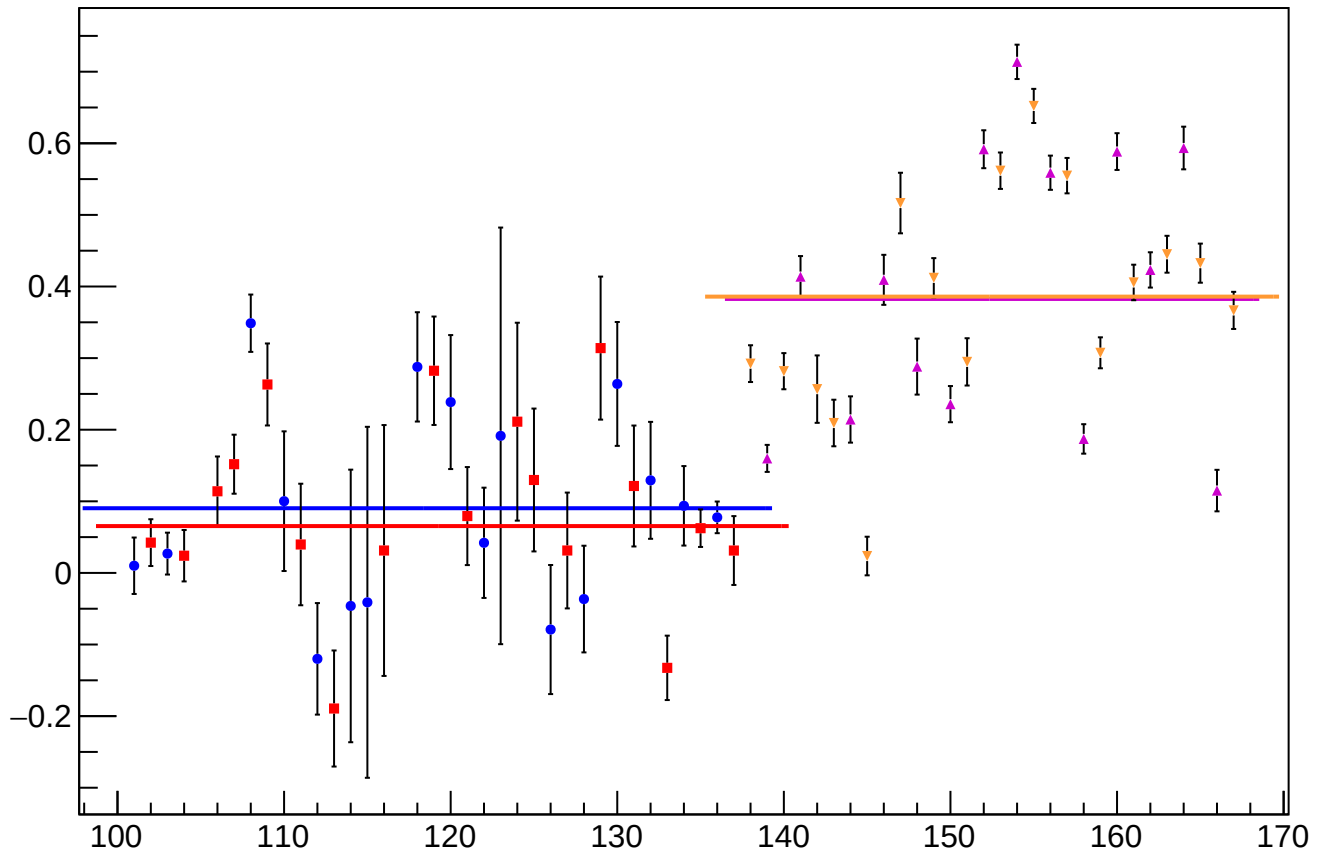
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -35.788 ± 0.133 $\chi^2/\text{NDF}: 5705.6/30$

Out: -36.411 ± 0.127 $\chi^2/\text{NDF}: 6830.3/33$

All: -36.115 ± 0.092 $\chi^2/\text{NDF}: 12547.4/64$

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: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.383 ± 0.007 $\chi^2/\text{NDF}: 807.6/13$

Left: 0.384 ± 0.005 $\chi^2/\text{NDF}: 1315.4/29$

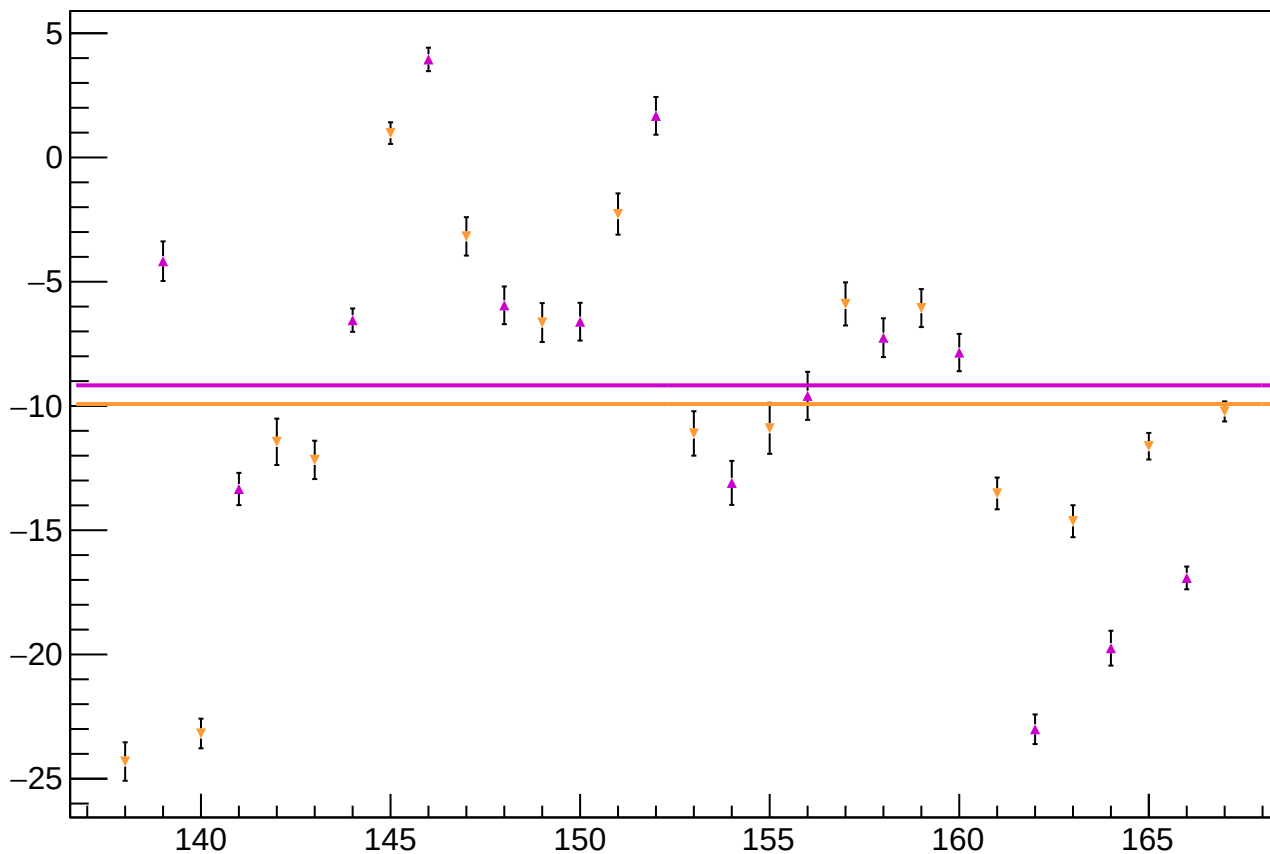
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.316 ± 0.006 $\chi^2/\text{NDF}: 1293.7/30$

Out: 0.311 ± 0.006 $\chi^2/\text{NDF}: 1097.4/33$

All: 0.313 ± 0.004 $\chi^2/\text{NDF}: 2391.4/64$

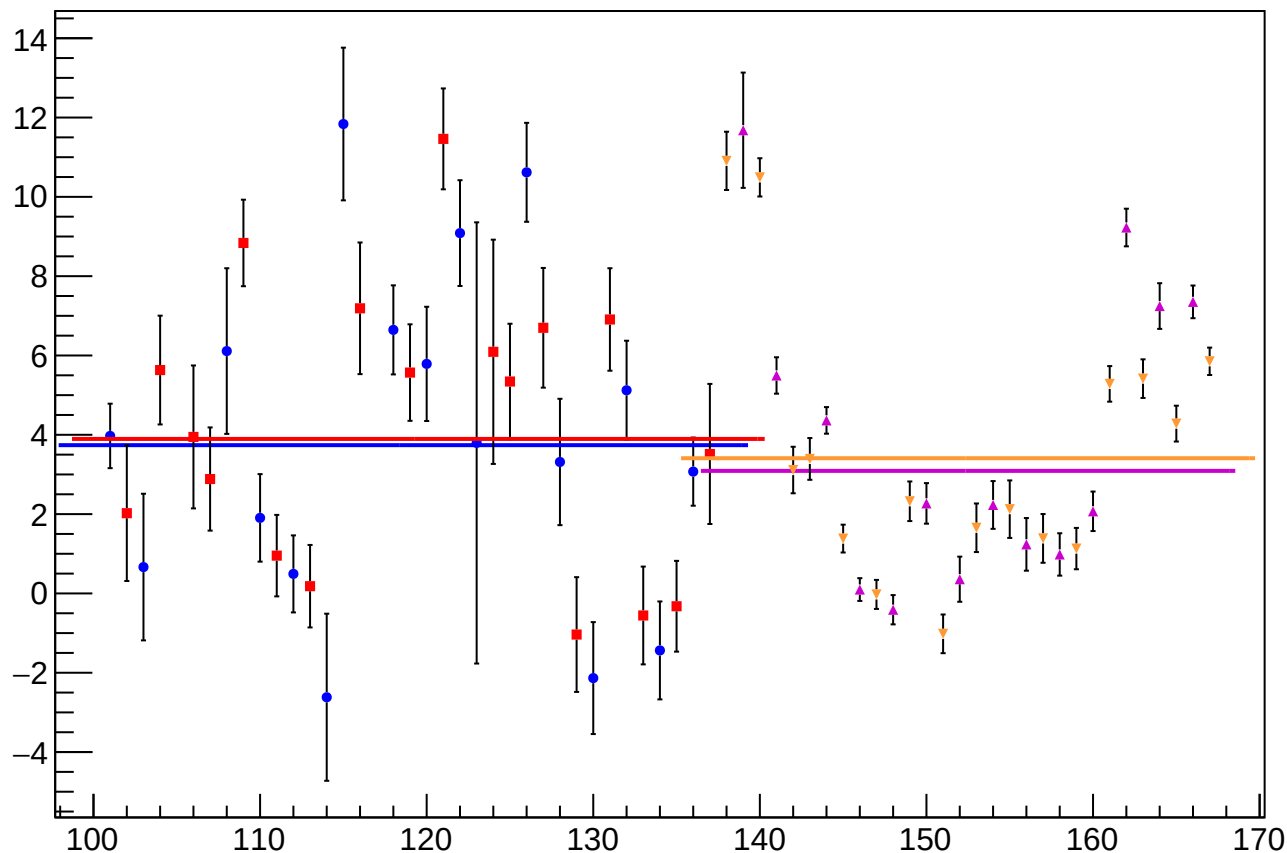
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.922 ± 0.164 $\chi^2/\text{NDF}: 1799.4/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -9.170 ± 0.173 $\chi^2/\text{NDF}: 2196.3/13$

Left: -9.565 ± 0.119 $\chi^2/\text{NDF}: 4005.7/29$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -9.170 ± 0.173 $\chi^2/\text{NDF}: 2196.3/13$
 Out: -9.922 ± 0.164 $\chi^2/\text{NDF}: 1799.4/15$
 All: -9.565 ± 0.119 $\chi^2/\text{NDF}: 4005.7/29$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 3.409 $\pm$ 0.120 χ^2 /NDF: 658.0/15

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 3.090 $\pm$ 0.123 χ^2 /NDF: 656.9/13

Left: 3.254 $\pm$ 0.086 χ^2 /NDF: 1318.3/29

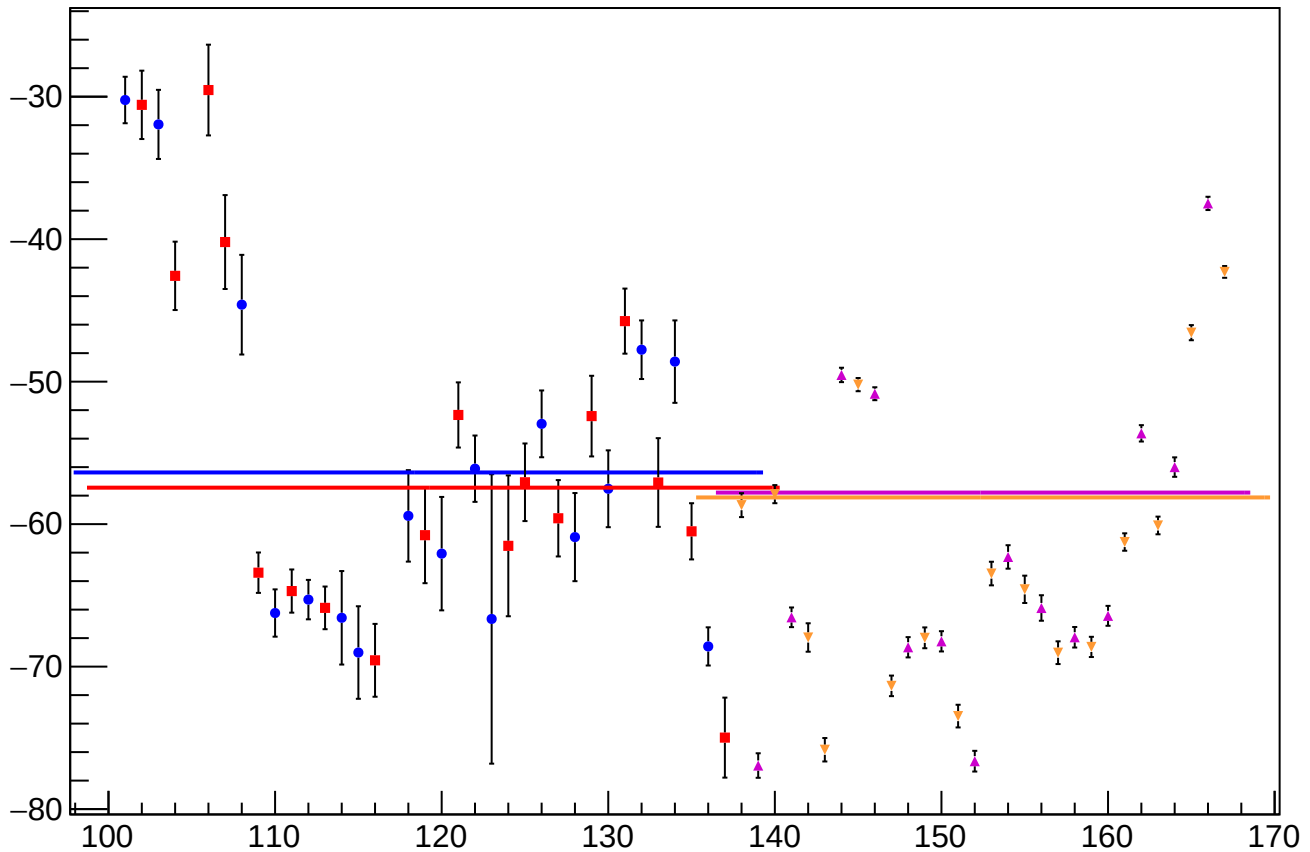
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 3.179 $\pm$ 0.114 χ^2 /NDF: 797.6/30

Out: 3.470 $\pm$ 0.112 χ^2 /NDF: 794.9/33

All: 3.327 $\pm$ 0.080 χ^2 /NDF: 1595.8/64

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: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -57.786 ± 0.170 χ^2/NDF : 4698.3/13

Left: -57.963 ± 0.118 χ^2/NDF : 8911.7/29

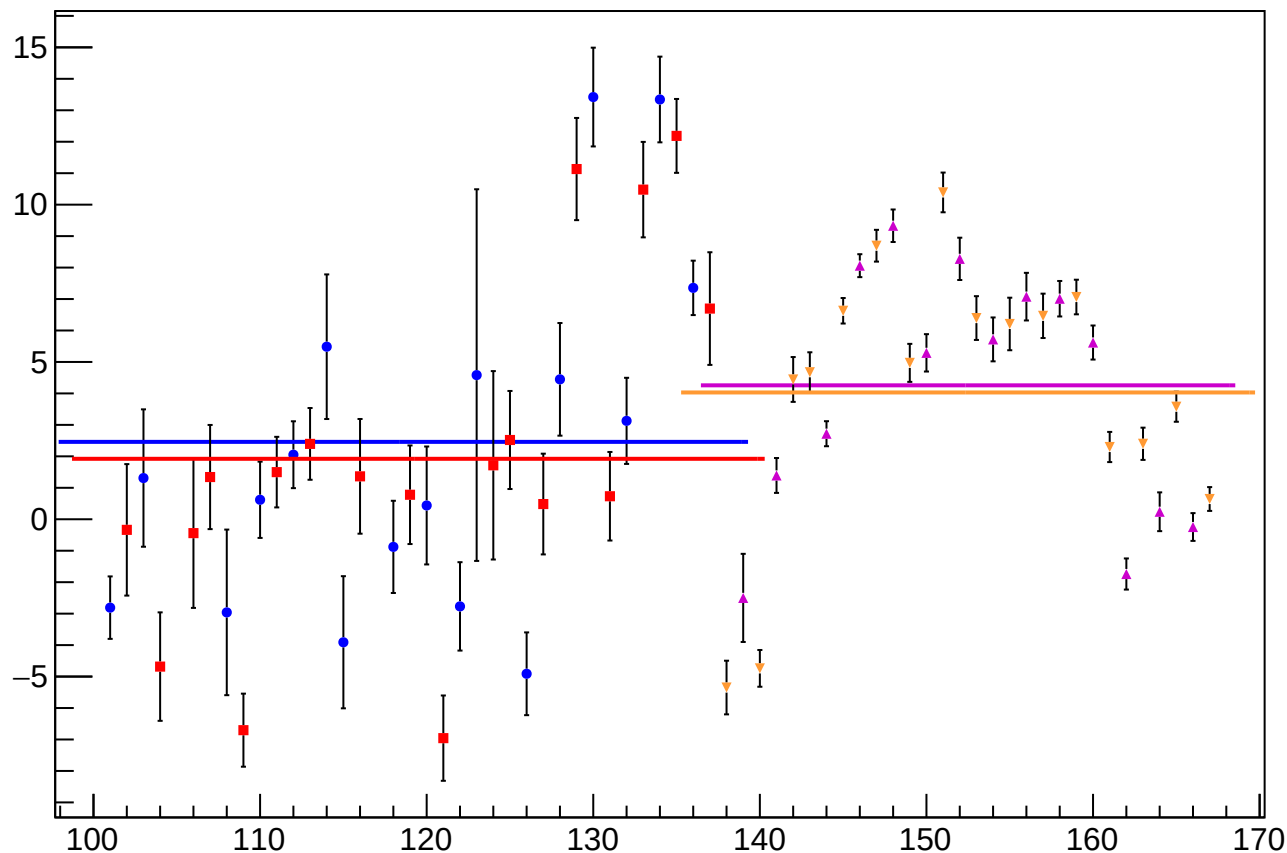
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -57.659 ± 0.162 χ^2/NDF : 5292.1/30

Out: -58.068 ± 0.157 χ^2/NDF : 4653.7/33

All: -57.871 ± 0.113 χ^2/NDF : 9949.1/64

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.030 ± 0.138 χ^2/NDF : 742.8/15

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 4.257 ± 0.143 χ^2/NDF : 650.9/13

Left: 4.139 ± 0.100 χ^2/NDF : 1395.0/29

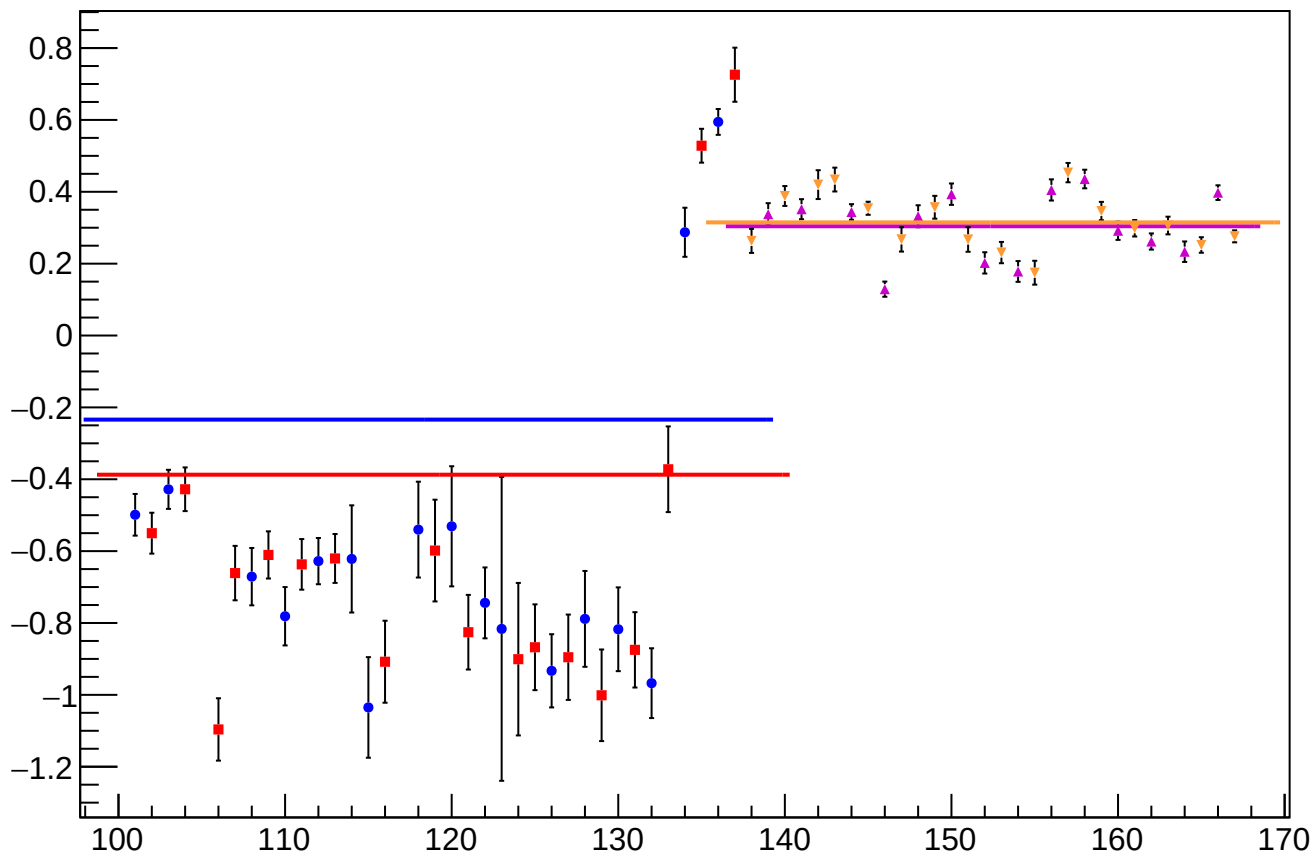
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 3.994 ± 0.133 χ^2/NDF : 917.8/30

Out: 3.753 ± 0.129 χ^2/NDF : 1038.5/33

All: 3.870 ± 0.092 χ^2/NDF : 1958.0/64

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.315 ± 0.006 χ^2/NDF : 107.8/15

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.304 ± 0.007 χ^2/NDF : 184.8/13

Left: 0.310 ± 0.005 χ^2/NDF : 294.0/29

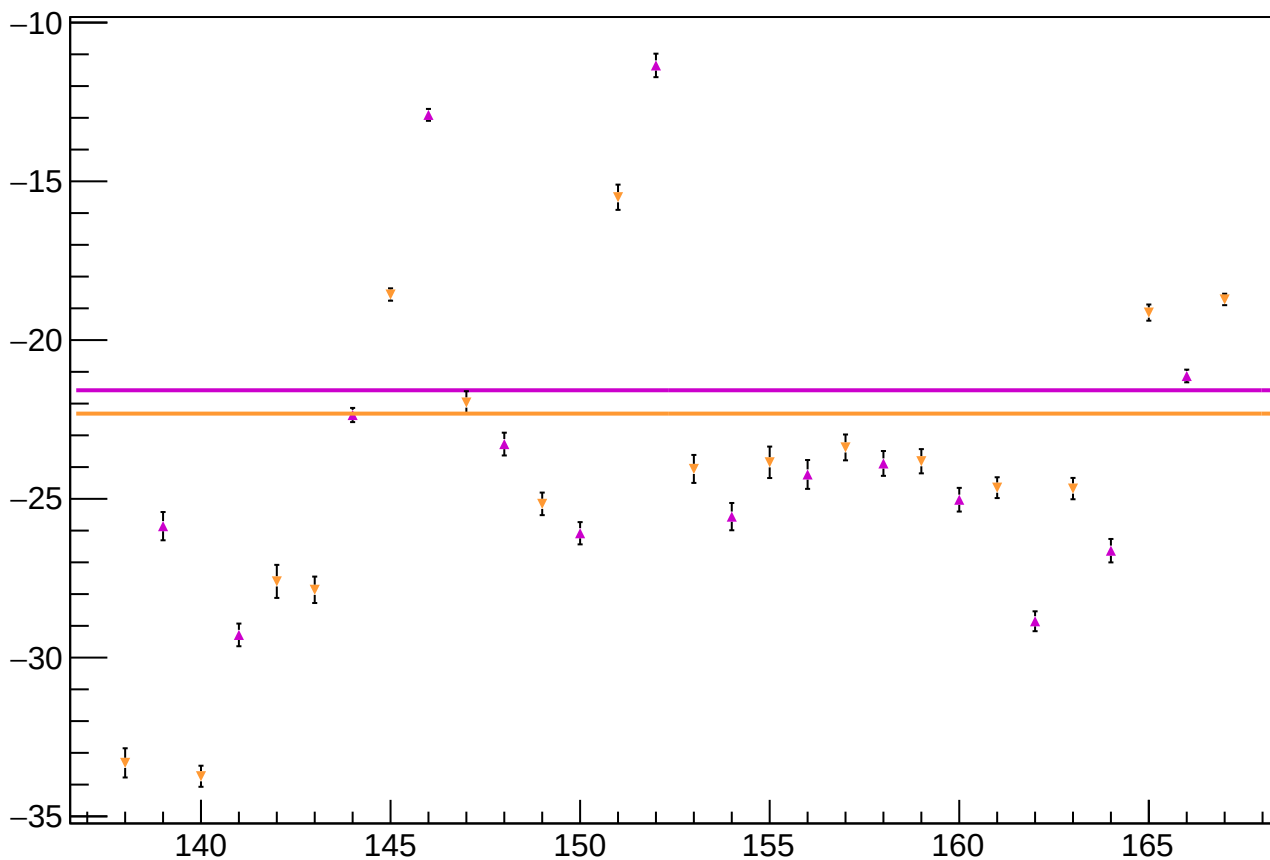
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.241 ± 0.006 χ^2/NDF : 1858.7/30

Out: 0.241 ± 0.006 χ^2/NDF : 2176.9/33

All: 0.241 ± 0.004 χ^2/NDF : 4035.6/64

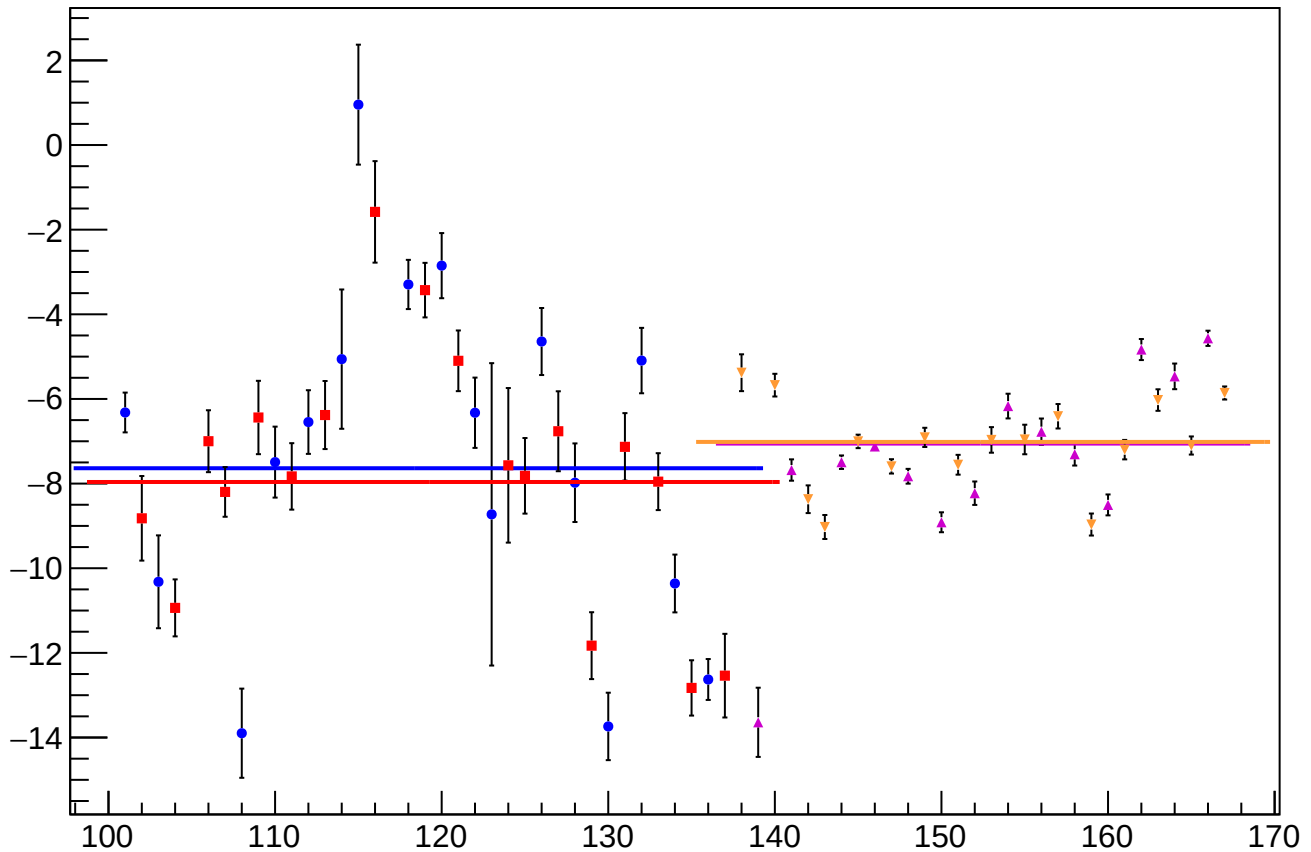
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.316+/-0.080 χ^2/NDF :3466.1/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.581+/-0.081 χ^2/NDF :4637.3/13

Left: -21.956+/-0.057 χ^2/NDF : 8145.2/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -21.581+/-0.081 χ^2/NDF :4637.3/13
 Out: -22.316+/-0.080 χ^2/NDF :3466.1/15
 All: -21.956+/-0.057 χ^2/NDF : 8145.2/29

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.015 ± 0.058 χ^2/NDF : 256.3/15

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.055 ± 0.057 χ^2/NDF : 522.5/13

Left: -7.035 ± 0.041 χ^2/NDF : 779.0/29

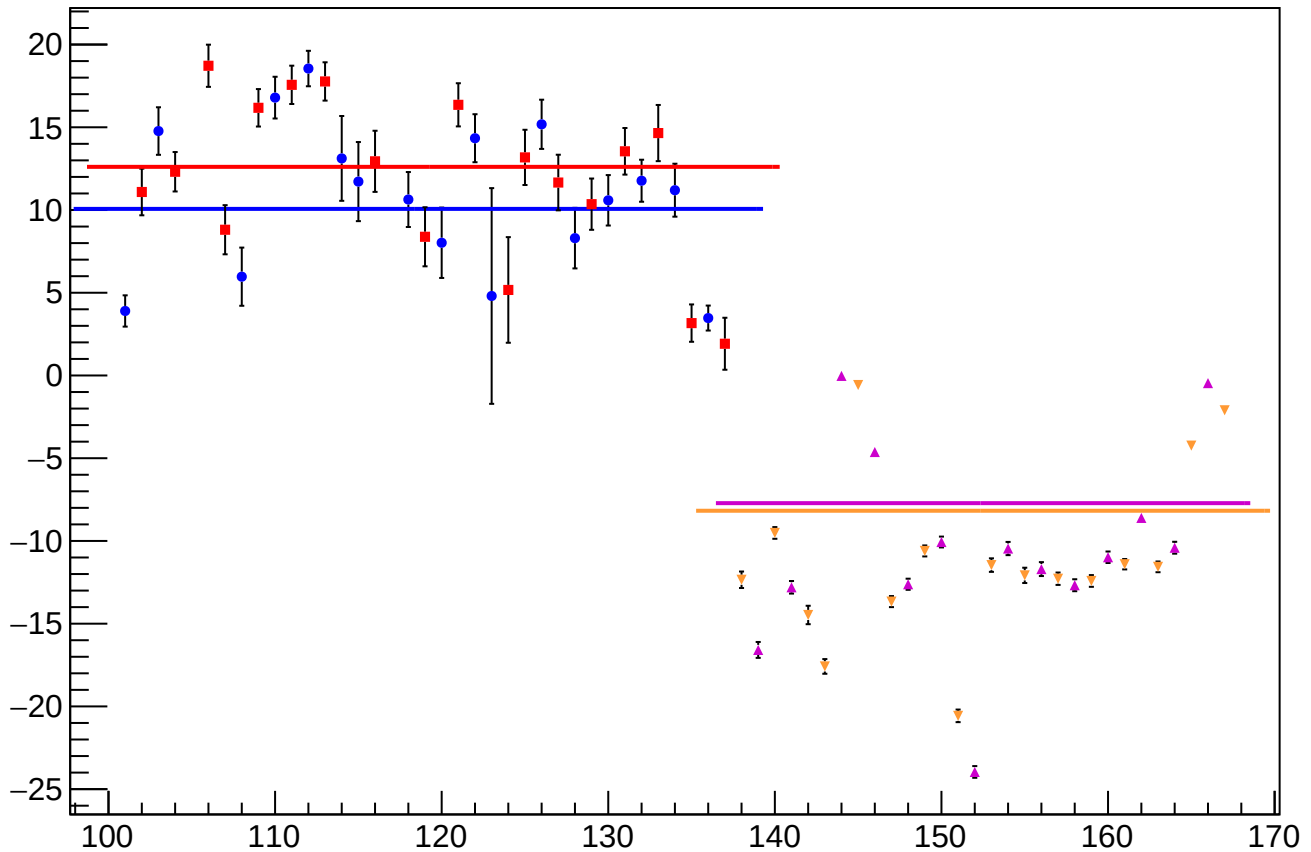
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.105 ± 0.055 χ^2/NDF : 925.4/30

Out: -7.099 ± 0.055 χ^2/NDF : 506.5/33

All: -7.102 ± 0.039 χ^2/NDF : 1431.9/64

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: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -7.716 ± 0.080 $\chi^2/\text{NDF}: 5964.1/13$

Left: -7.947 ± 0.056 $\chi^2/\text{NDF}: 11325.5/29$

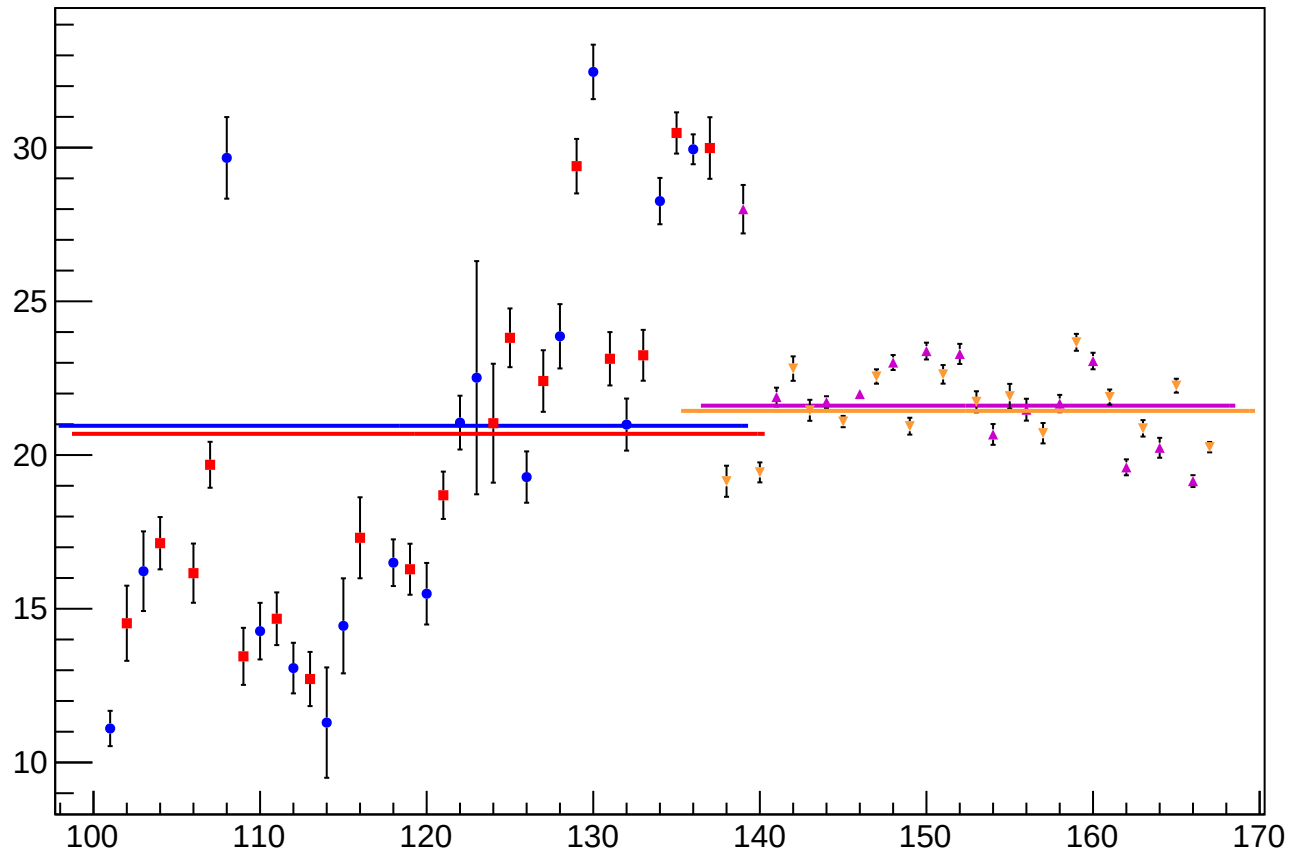
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -6.770 ± 0.078 $\chi^2/\text{NDF}: 8847.9/30$

Out: -7.061 ± 0.077 $\chi^2/\text{NDF}: 9248.3/33$

All: -6.917 ± 0.055 $\chi^2/\text{NDF}: 18103.2/64$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.436 $\pm$ 0.067 χ^2 /NDF: 258.2/15

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.606 $\pm$ 0.067 χ^2 /NDF: 451.7/13

Left: 21.521 $\pm$ 0.048 χ^2 /NDF: 713.1/29

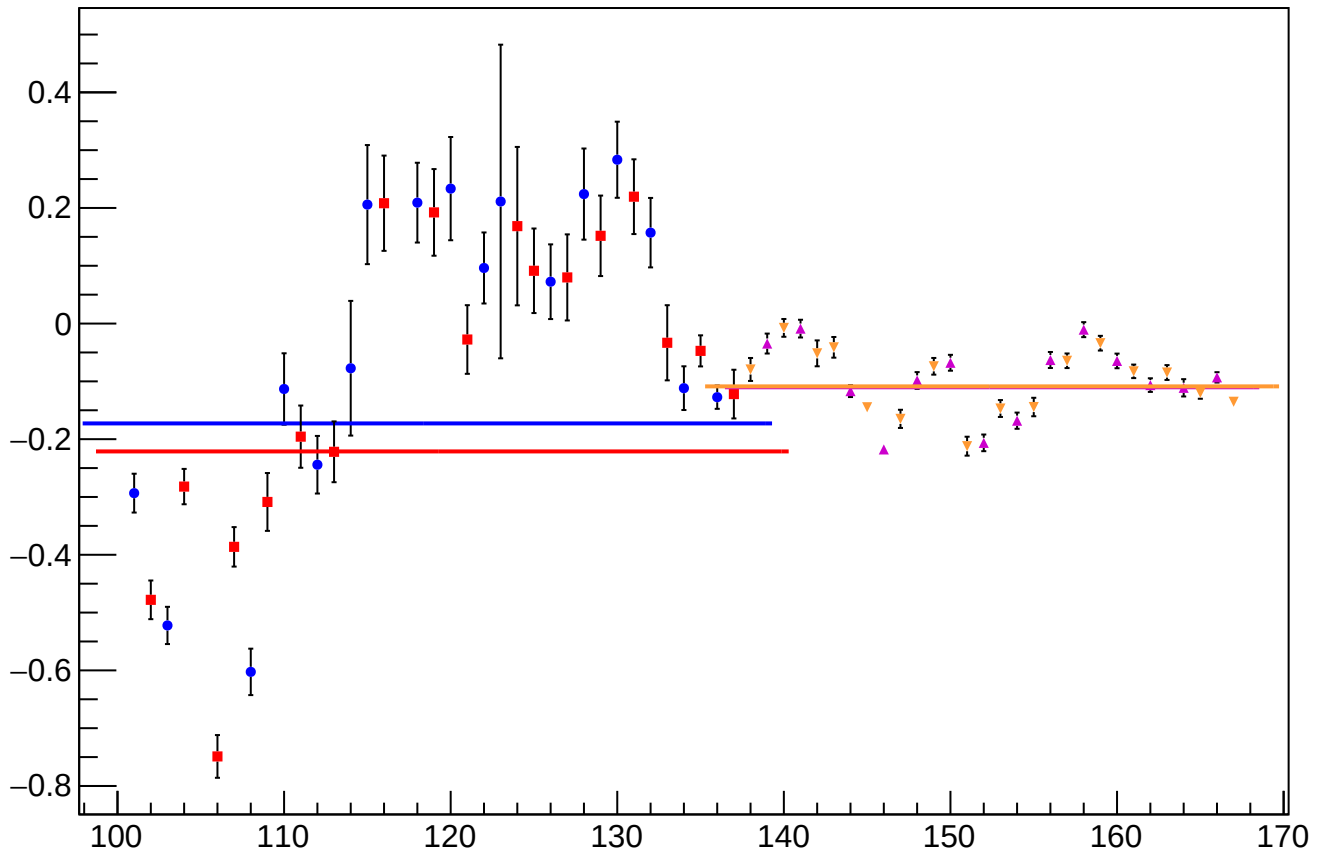
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.545 $\pm$ 0.064 χ^2 /NDF: 1683.3/30

Out: 21.369 $\pm$ 0.064 χ^2 /NDF: 996.3/33

All: 21.457 $\pm$ 0.045 χ^2 /NDF: 2683.5/64

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.109 ± 0.003 χ^2/NDF : 225.5/15

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.110 ± 0.003 χ^2/NDF : 384.6/13

Left: -0.109 ± 0.002 χ^2/NDF : 610.2/29

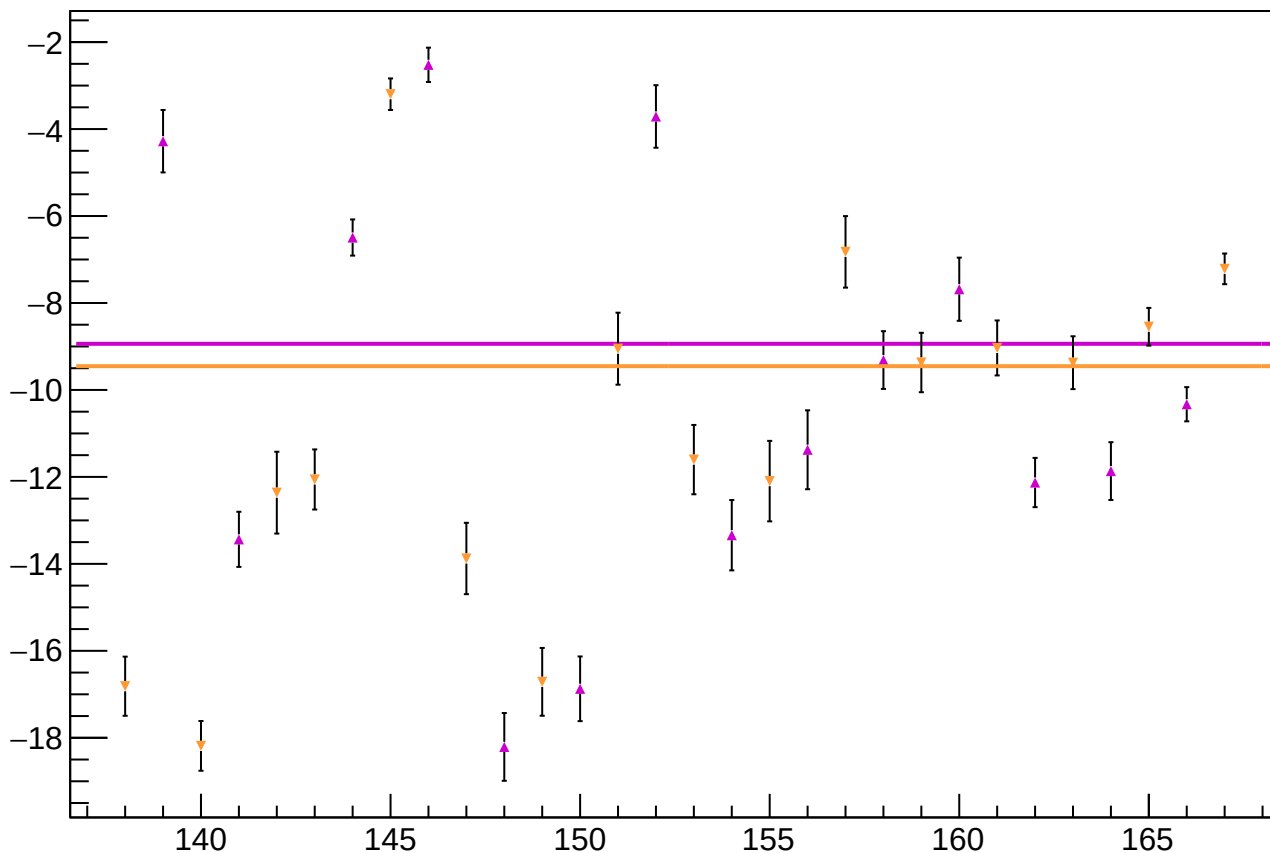
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.115 ± 0.003 χ^2/NDF : 873.6/30

Out: -0.117 ± 0.003 χ^2/NDF : 858.0/33

All: -0.116 ± 0.002 χ^2/NDF : 1731.8/64

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



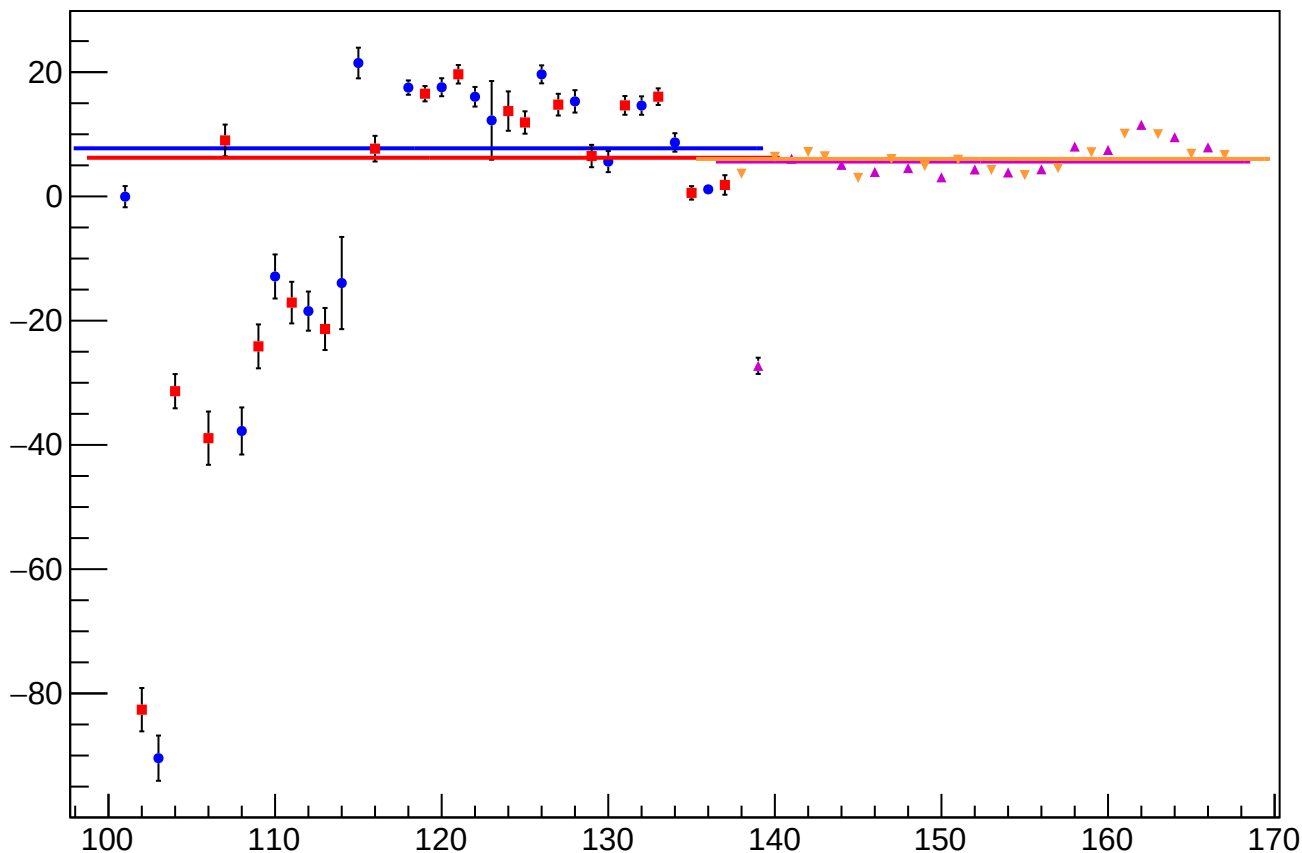
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.453+/-0.148 χ^2/NDF : 858.2/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.939+/-0.157 χ^2/NDF : 803.5/13

Left: -9.210+/-0.108 χ^2/NDF : 1667.3/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.939+/-0.157 χ^2/NDF : 803.5/13
 Out: -9.453+/-0.148 χ^2/NDF : 858.2/15

All: -9.210+/-0.108 χ^2/NDF : 1667.3/29

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 6.033 ± 0.110 χ^2/NDF : 342.0/15

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 5.612 ± 0.113 χ^2/NDF : 1042.5/13

Left: 5.828 ± 0.079 χ^2/NDF : 1391.6/29

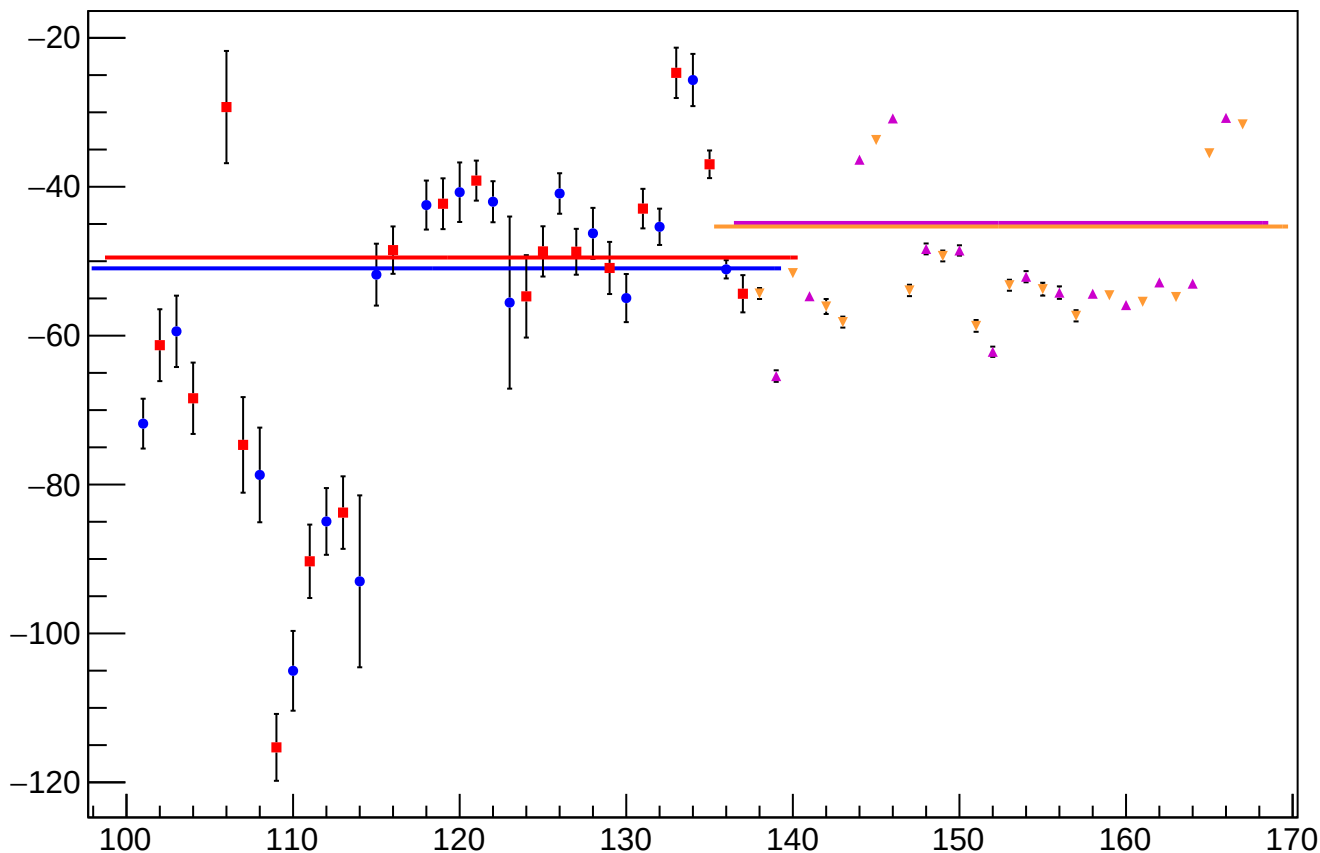
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.767 ± 0.109 χ^2/NDF : 2427.3/30

Out: 6.044 ± 0.106 χ^2/NDF : 1788.1/33

All: 5.908 ± 0.076 χ^2/NDF : 4218.7/64

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -45.341 ± 0.149 χ^2/NDF : 5190.9/15

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -44.861 ± 0.154 χ^2/NDF : 5669.8/13

Left: -45.110 ± 0.107 χ^2/NDF : 10865.7/29

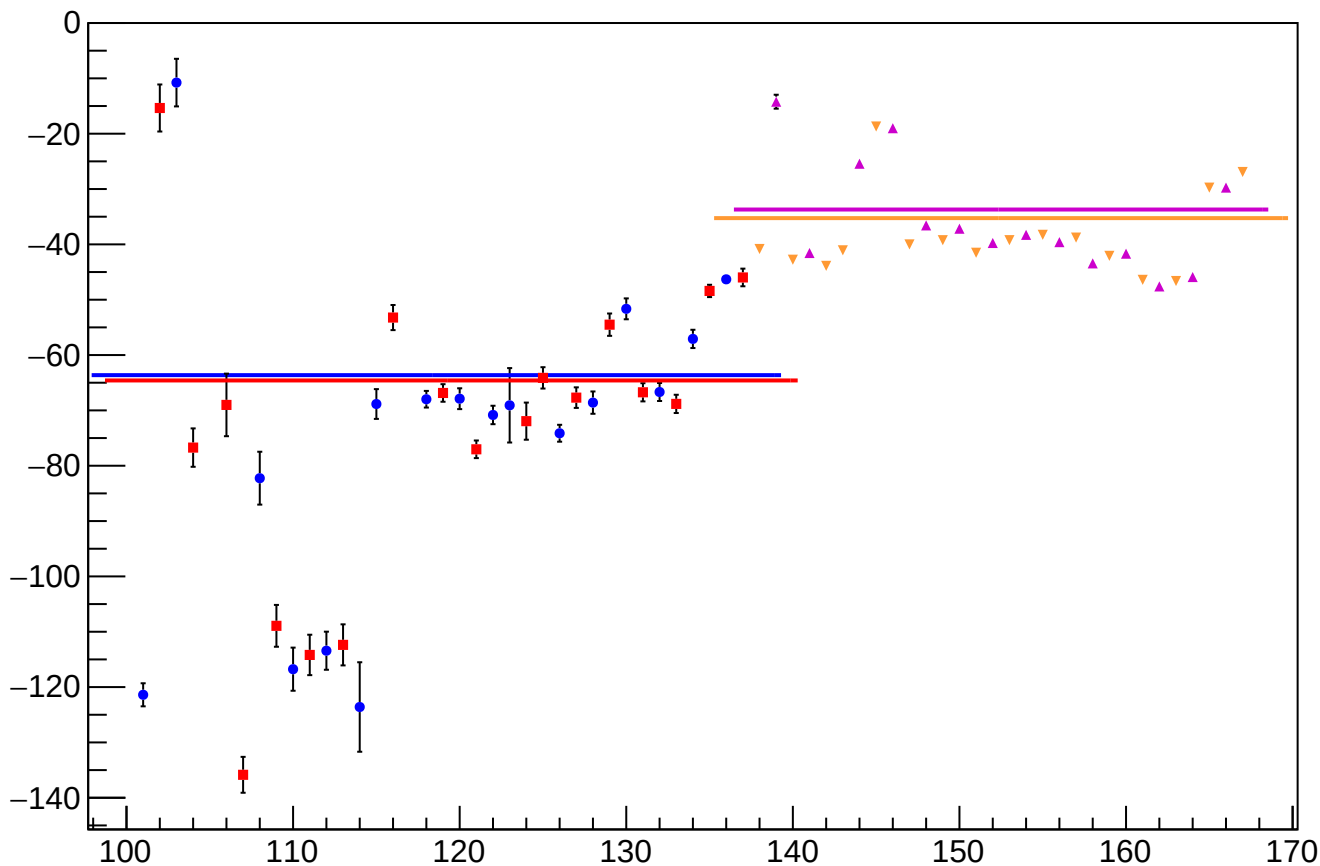
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -45.117 ± 0.151 χ^2/NDF : 6067.1/30

Out: -45.480 ± 0.146 χ^2/NDF : 5723.6/33

All: -45.305 ± 0.105 χ^2/NDF : 11793.7/64

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: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Right Out: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

Left In: -33.703 ± 0.131 χ^2/NDF : 5521.4/13

Left: -34.512 ± 0.091 χ^2/NDF : 10979.7/29

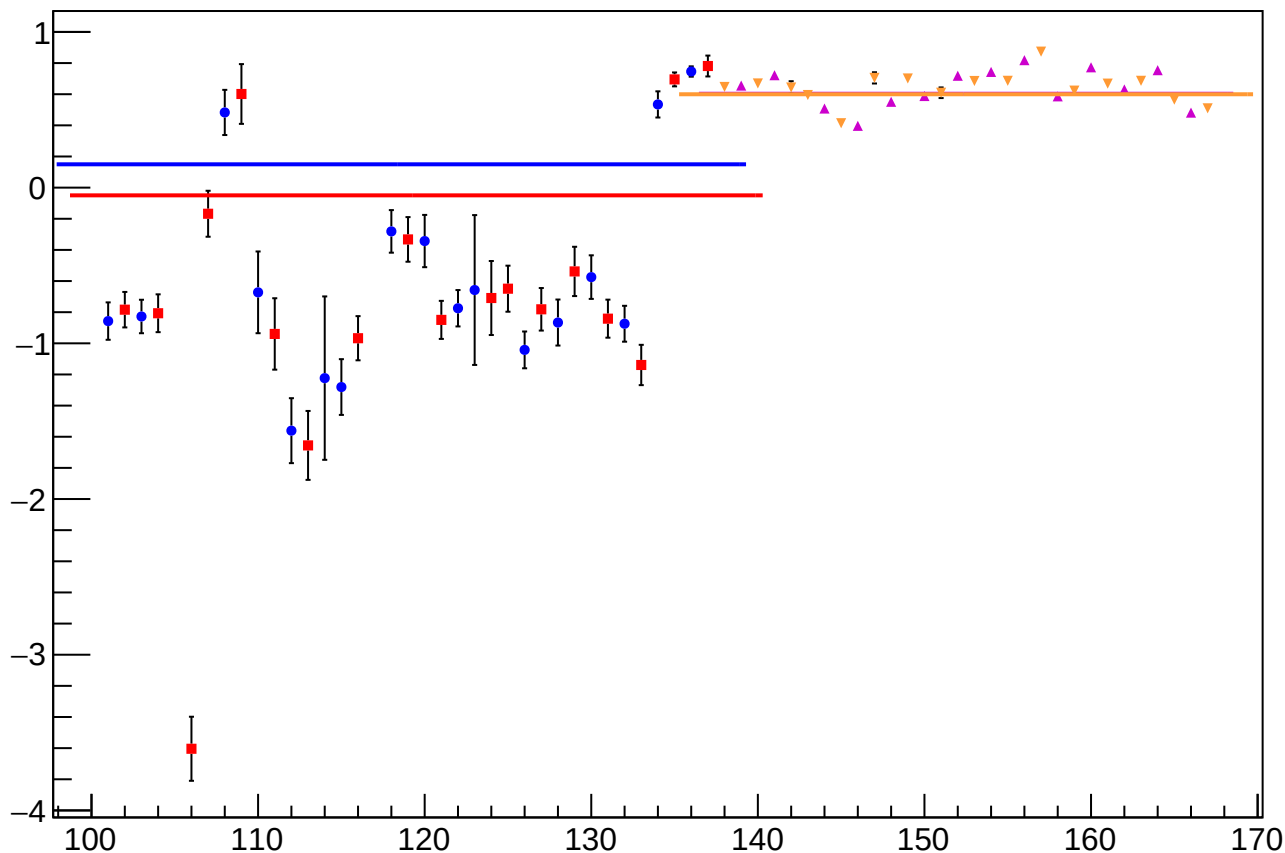
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -36.088 ± 0.126 χ^2/NDF : 11679.4/30

Out: -37.131 ± 0.122 χ^2/NDF : 10444.1/33

All: -36.626 ± 0.088 χ^2/NDF : 22159.0/64

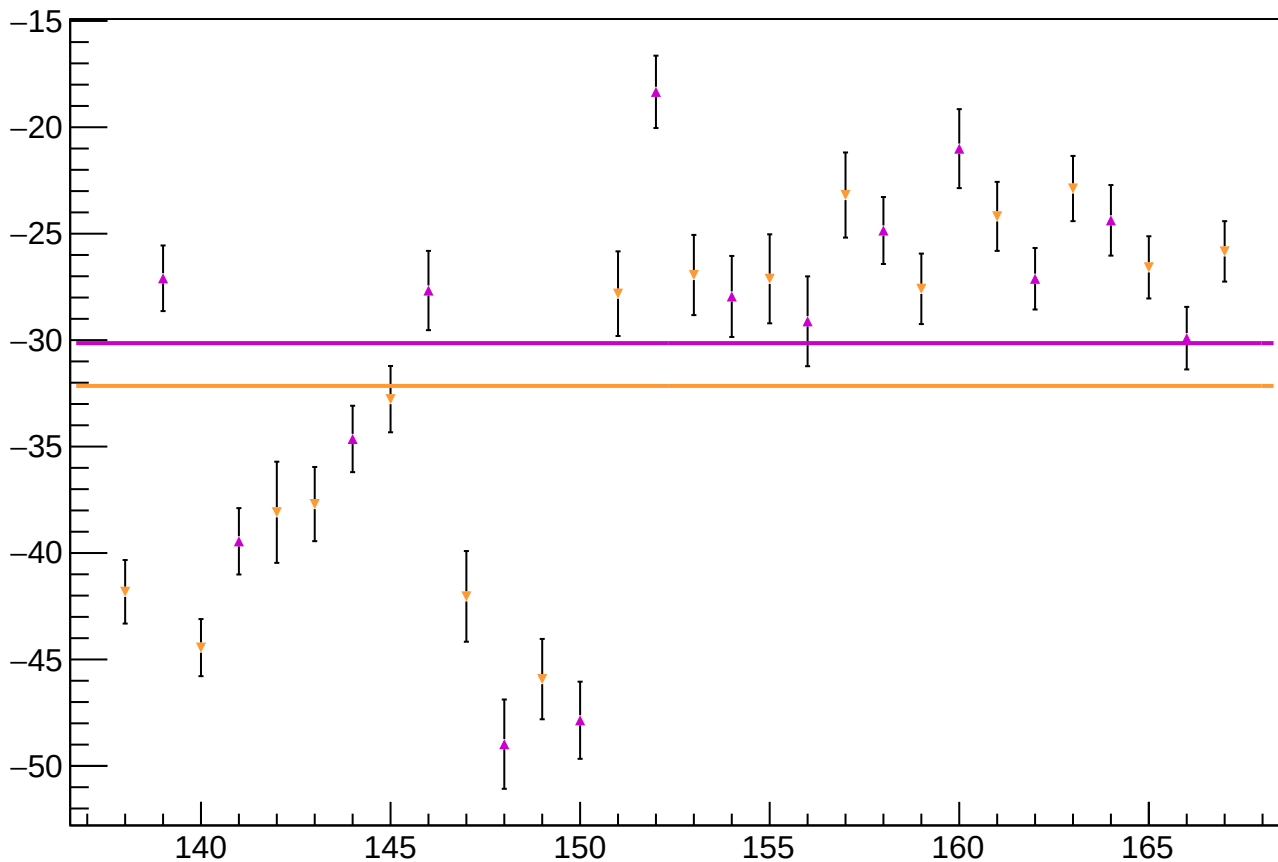
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.603 ± 0.006 $\chi^2/\text{NDF}: 417.9/13$

Left: 0.601 ± 0.004 $\chi^2/\text{NDF}: 797.5/29$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.574 ± 0.006 $\chi^2/\text{NDF}: 1741.0/30$
 Out: 0.569 ± 0.006 $\chi^2/\text{NDF}: 2117.0/33$
 All: 0.571 ± 0.004 $\chi^2/\text{NDF}: 3858.4/64$

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: -30.140+/-0.451 χ^2/NDF :327.8/13

Left: -31.209+/-0.309 χ^2/NDF : 696.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -30.140+/-0.451 χ^2/NDF :327.8/13
 Out: -32.151+/-0.424 χ^2/NDF :358.3/15
 All: -31.209+/-0.309 χ^2/NDF : 696.7/29

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -35.962 ± 0.307 χ^2/NDF : 529.3/15

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -36.789 ± 0.330 χ^2/NDF : 1296.6/13

Left: -36.346 ± 0.225 χ^2/NDF : 1829.3/29

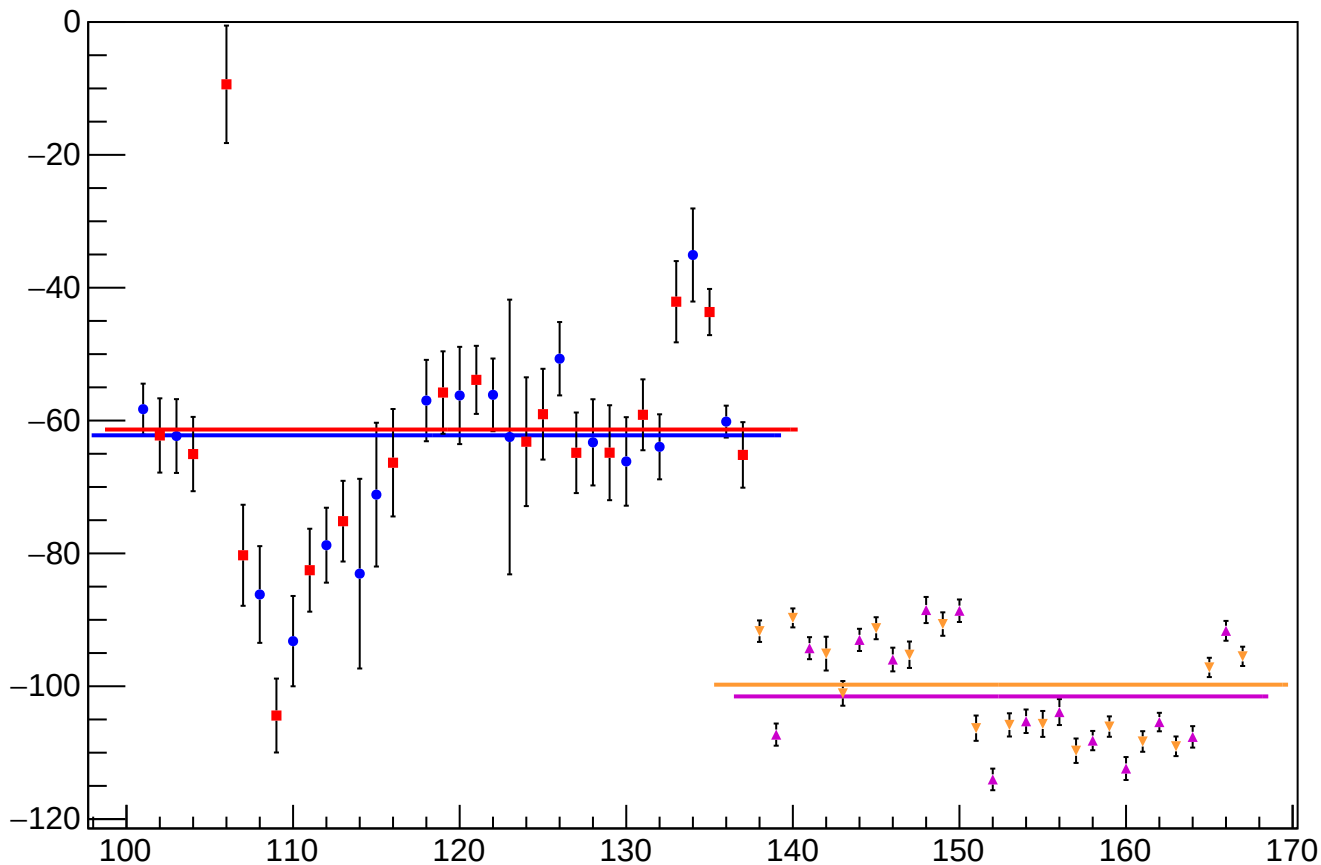
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -38.428 ± 0.300 χ^2/NDF : 2523.6/30

Out: -37.735 ± 0.285 χ^2/NDF : 1980.0/33

All: -38.063 ± 0.207 χ^2/NDF : 4506.4/64

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



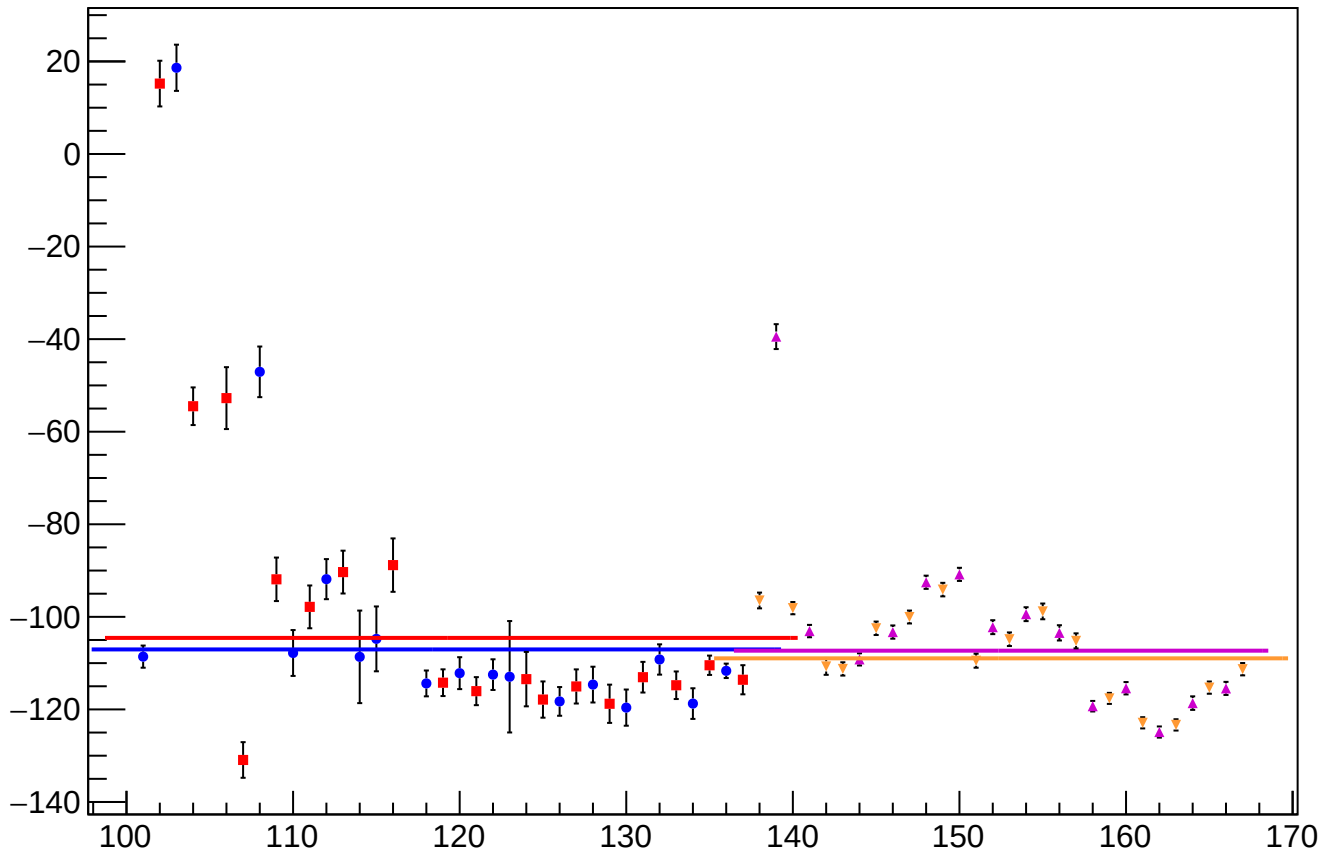
Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.762 ± 0.420 χ^2/NDF : 297.3/15
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -101.529 ± 0.442 χ^2/NDF : 359.7/13

Left: -100.601 ± 0.304 χ^2/NDF : 665.4/29
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -97.524 ± 0.419 χ^2/NDF : 1233.6/30
 Out: -96.515 ± 0.402 χ^2/NDF : 1162.0/33

All: -96.999 ± 0.290 χ^2/NDF : 2398.7/64

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -108.966 ± 0.354 χ^2/NDF : 685.5/15

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -107.310 ± 0.378 χ^2/NDF : 1396.4/13

Left: -108.193 ± 0.259 χ^2/NDF : 2092.1/29

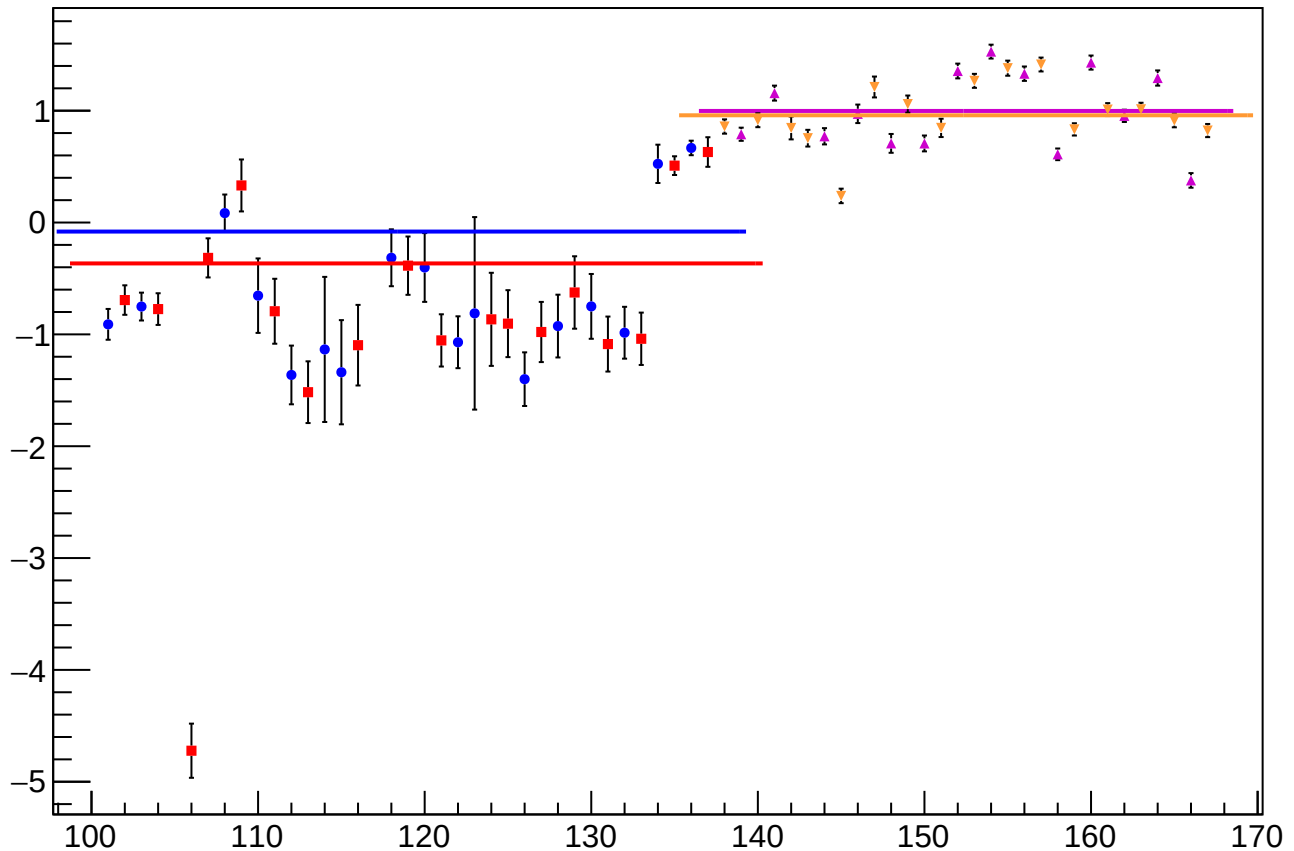
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -107.262 ± 0.343 χ^2/NDF : 2224.3/30

Out: -108.326 ± 0.328 χ^2/NDF : 1675.5/33

All: -107.818 ± 0.237 χ^2/NDF : 3904.8/64

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.959 ± 0.017 χ^2/NDF : 275.7/15

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.998 ± 0.017 χ^2/NDF : 397.9/13

Left: 0.977 ± 0.012 χ^2/NDF : 676.2/29

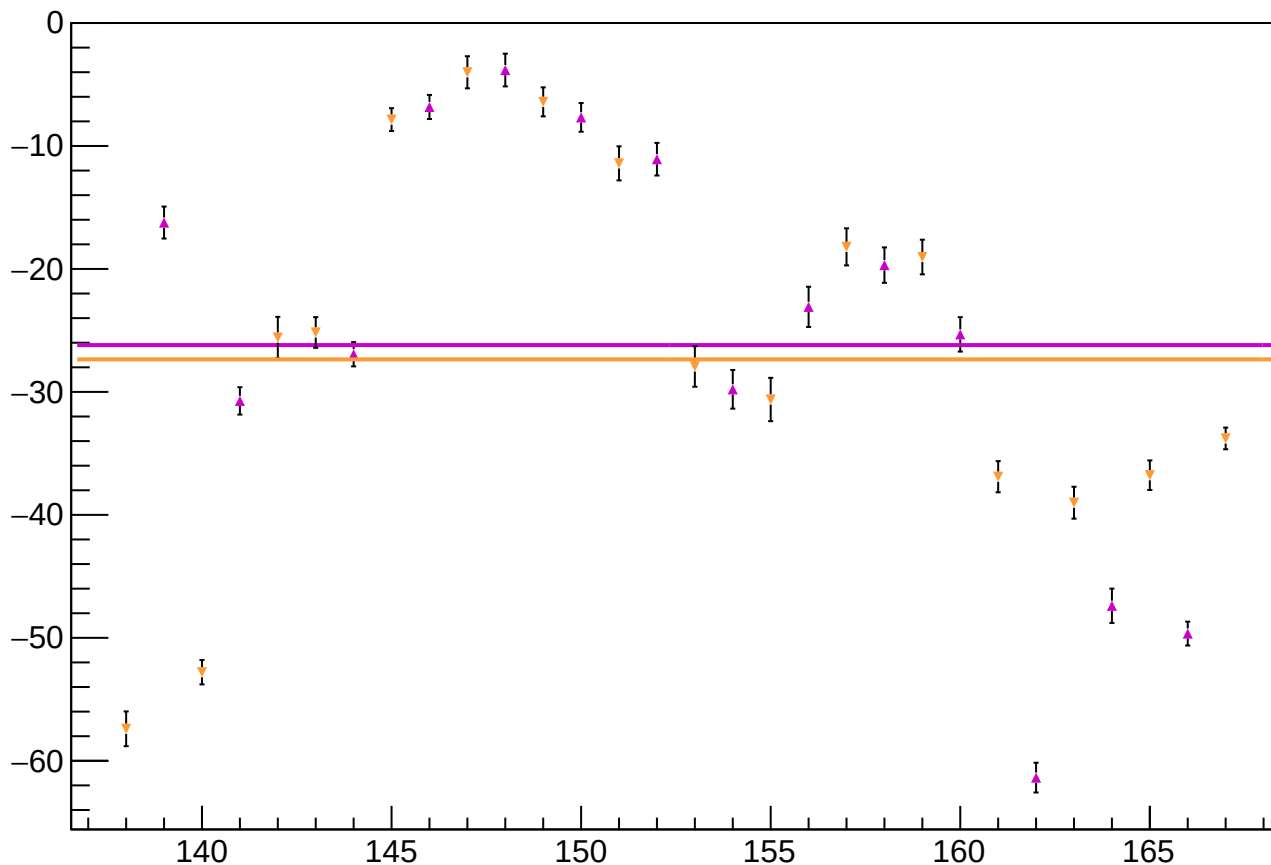
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.842 ± 0.016 χ^2/NDF : 1285.5/30

Out: 0.796 ± 0.015 χ^2/NDF : 1642.8/33

All: 0.818 ± 0.011 χ^2/NDF : 2932.6/64

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: -26.192 ± 0.327 χ^2/NDF : 2819.8/13

Left: -26.801 ± 0.225 χ^2/NDF : 5476.6/29

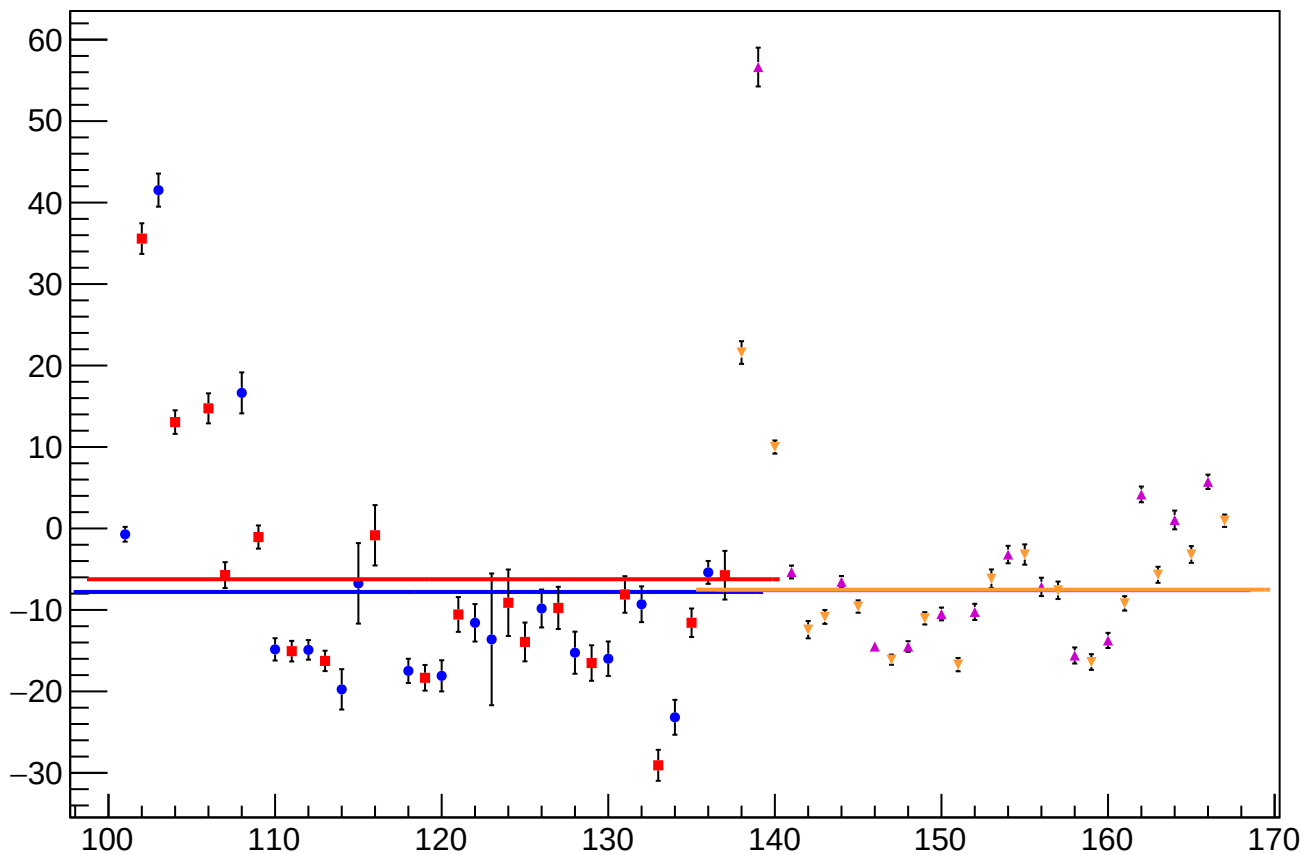
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -26.192 ± 0.327 χ^2/NDF : 2819.8/13

Out: -27.353 ± 0.311 χ^2/NDF : 2650.2/15

All: -26.801 ± 0.225 χ^2/NDF : 5476.6/29

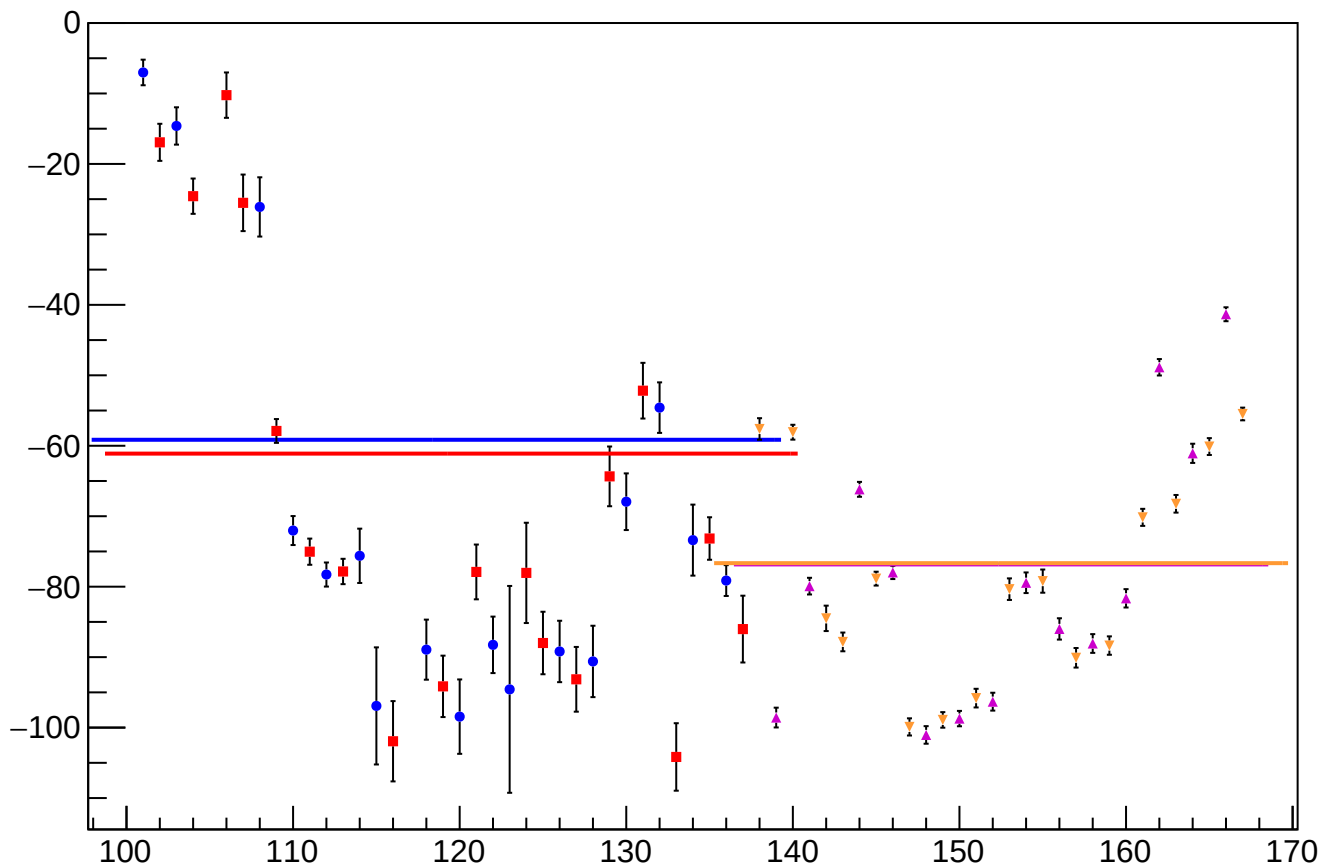
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -7.511 ± 0.223 χ^2/NDF : 1535.5/15
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -7.574 ± 0.233 χ^2/NDF : 1558.2/13

Left: -7.541 ± 0.161 χ^2/NDF : 3093.7/29
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -7.624 ± 0.205 χ^2/NDF : 2541.1/30
 Out: -7.240 ± 0.198 χ^2/NDF : 2725.4/33
 All: -7.425 ± 0.142 χ^2/NDF : 5268.4/64

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -76.661 ± 0.309 χ^2/NDF : 2537.1/15

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -76.842 ± 0.321 χ^2/NDF : 3488.3/13

Left: -76.748 ± 0.223 χ^2/NDF : 6025.6/29

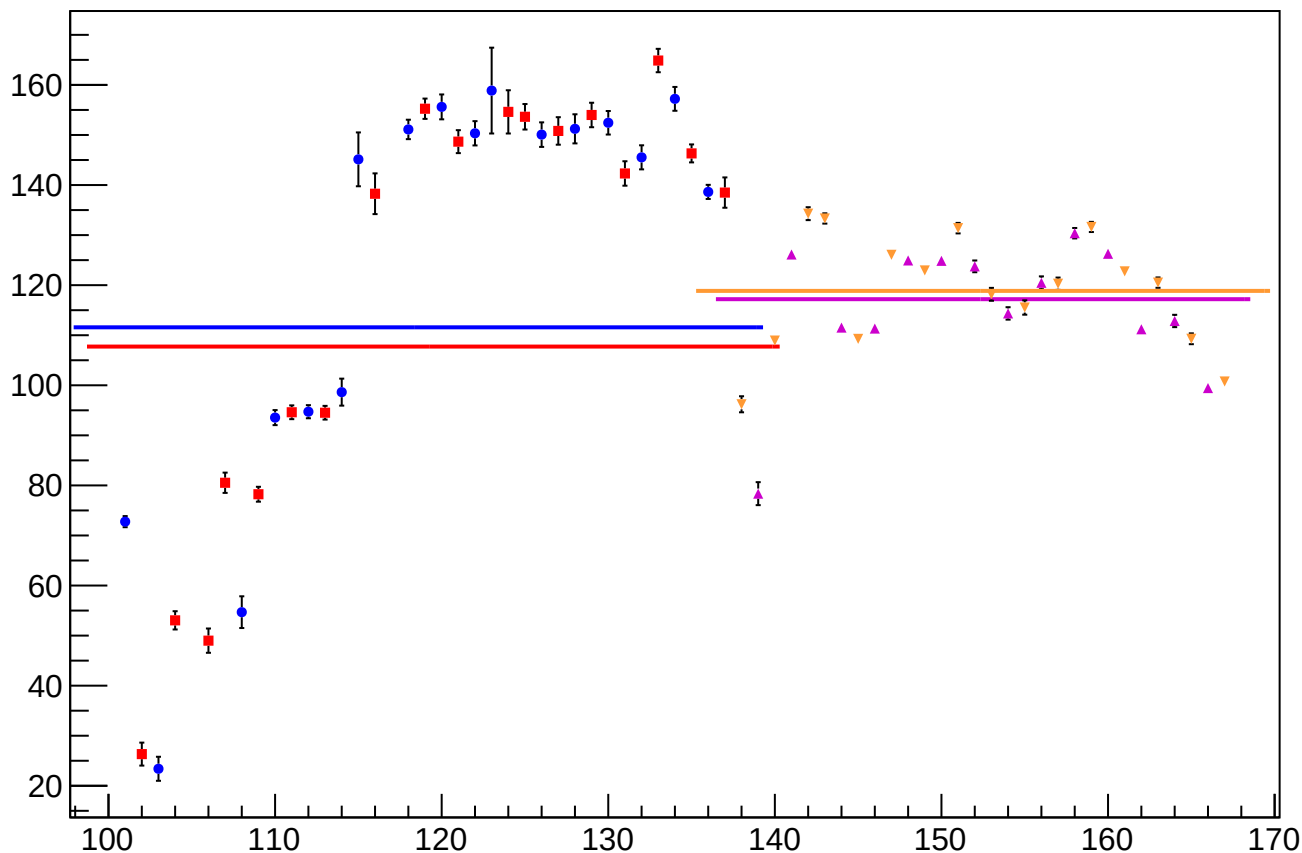
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -74.074 ± 0.295 χ^2/NDF : 5682.1/30

Out: -74.166 ± 0.283 χ^2/NDF : 4260.1/33

All: -74.122 ± 0.204 χ^2/NDF : 9942.2/64

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 118.856 $\pm$ 0.260 χ^2 /NDF:1738.5/15

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 117.200 $\pm$ 0.272 χ^2 /NDF:1309.9/13

Left: 118.067 $\pm$ 0.188 χ^2 /NDF: 3067.8/29

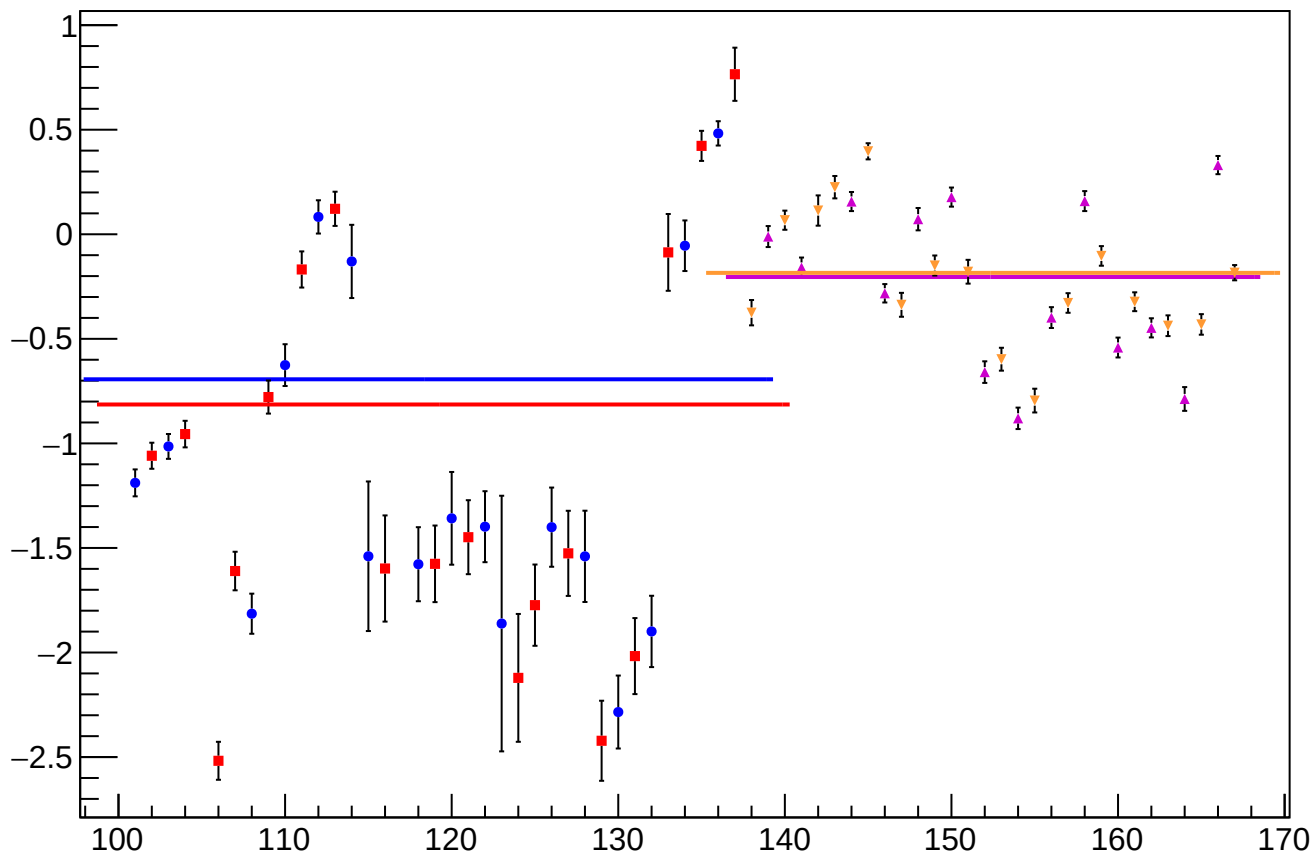
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 115.864 $\pm$ 0.238 χ^2 /NDF:7357.2/30

Out: 116.407 $\pm$ 0.229 χ^2 /NDF:8978.7/33

All: 116.145 $\pm$ 0.165 χ^2 /NDF: 16338.6/64

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.185 ± 0.012 χ^2/NDF : 595.5/15

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.204 ± 0.013 χ^2/NDF : 836.9/13

Left: -0.194 ± 0.009 χ^2/NDF : 1433.7/29

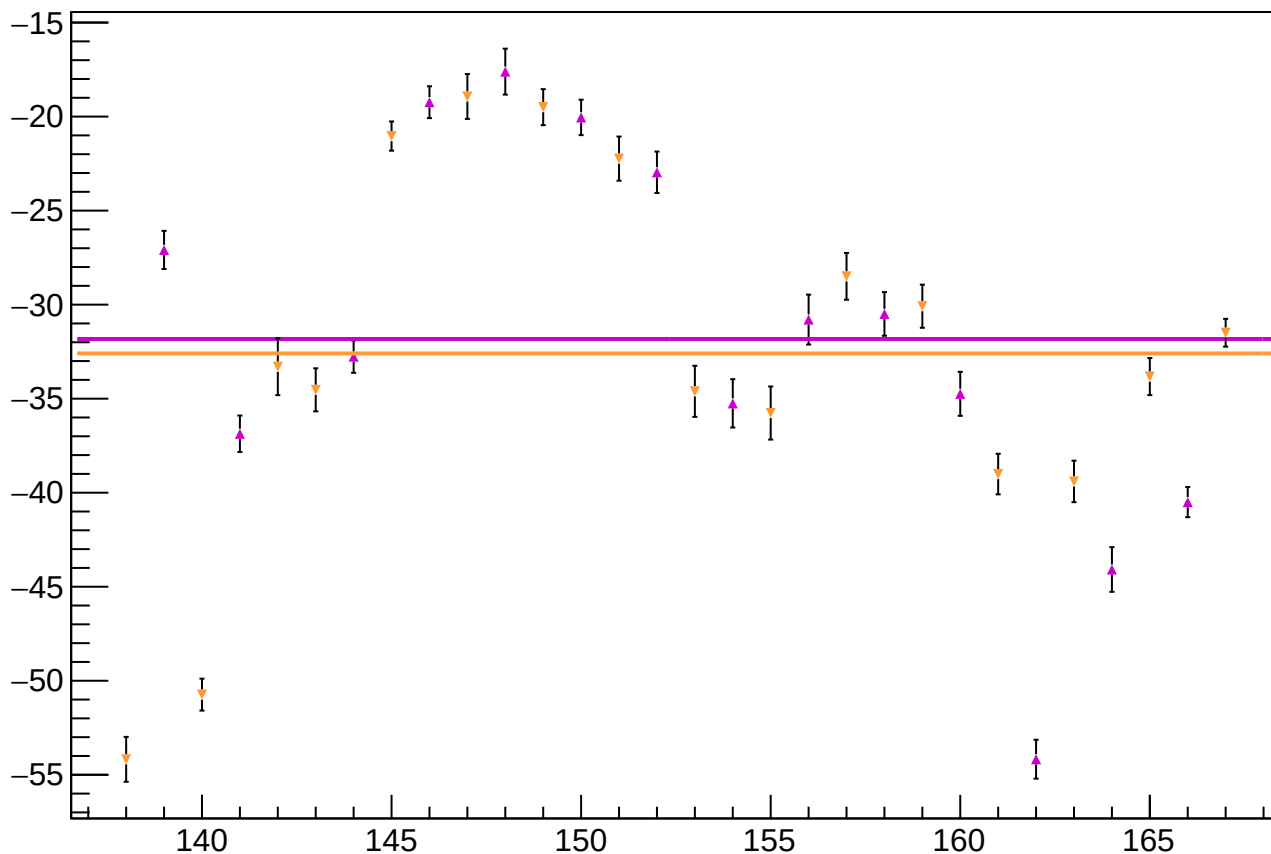
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.302 ± 0.012 χ^2/NDF : 2115.0/30

Out: -0.311 ± 0.011 χ^2/NDF : 2432.4/33

All: -0.307 ± 0.008 χ^2/NDF : 4547.7/64

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: -31.825+/-0.275 χ^2/NDF :1333.1/13

Left: -32.226+/-0.190 χ^2/NDF : 2840.5/29

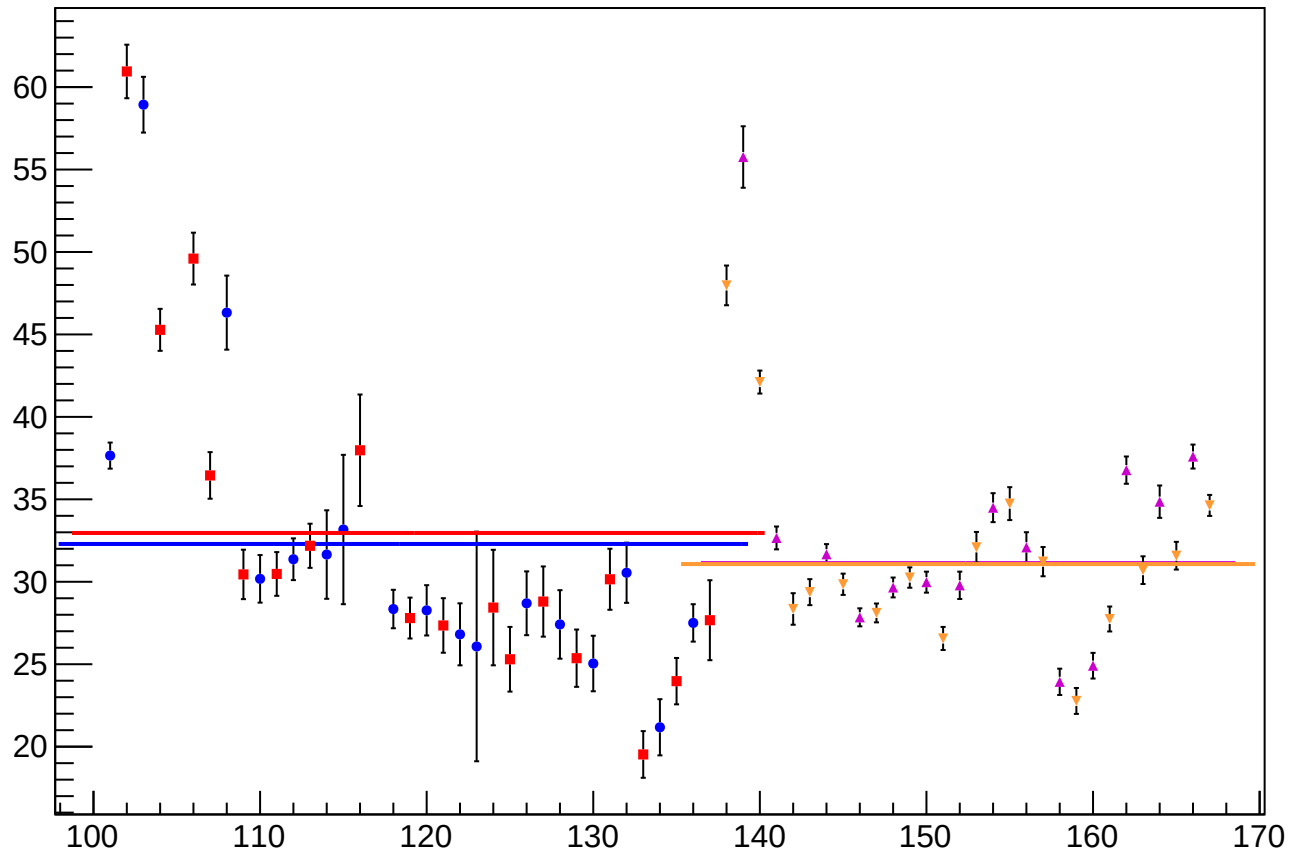
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.825+/-0.275 χ^2/NDF :1333.1/13

Out: -32.594+/-0.263 χ^2/NDF :1503.3/15

All: -32.226+/-0.190 χ^2/NDF : 2840.5/29

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.074 ± 0.190 $\chi^2/\text{NDF}: 711.2/15$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 31.132 ± 0.199 $\chi^2/\text{NDF}: 529.2/13$

Left: 31.102 ± 0.138 $\chi^2/\text{NDF}: 1240.4/29$

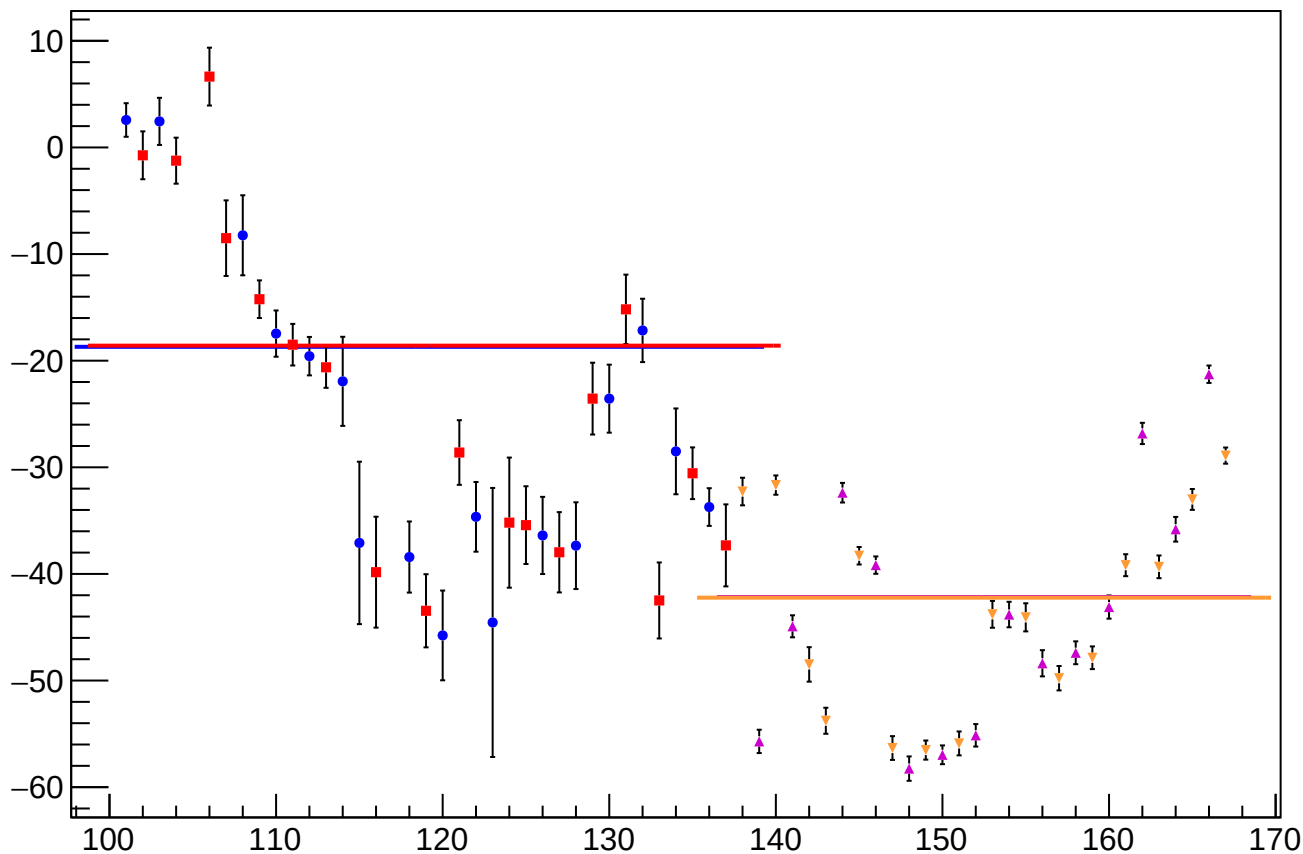
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.390 ± 0.176 $\chi^2/\text{NDF}: 989.2/30$

Out: 31.452 ± 0.170 $\chi^2/\text{NDF}: 1454.9/33$

All: 31.422 ± 0.122 $\chi^2/\text{NDF}: 2444.2/64$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -42.227 ± 0.261 χ^2/NDF : 1375.8/15

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -42.166 ± 0.270 χ^2/NDF : 1892.3/13

Left: -42.198 ± 0.188 χ^2/NDF : 3268.1/29

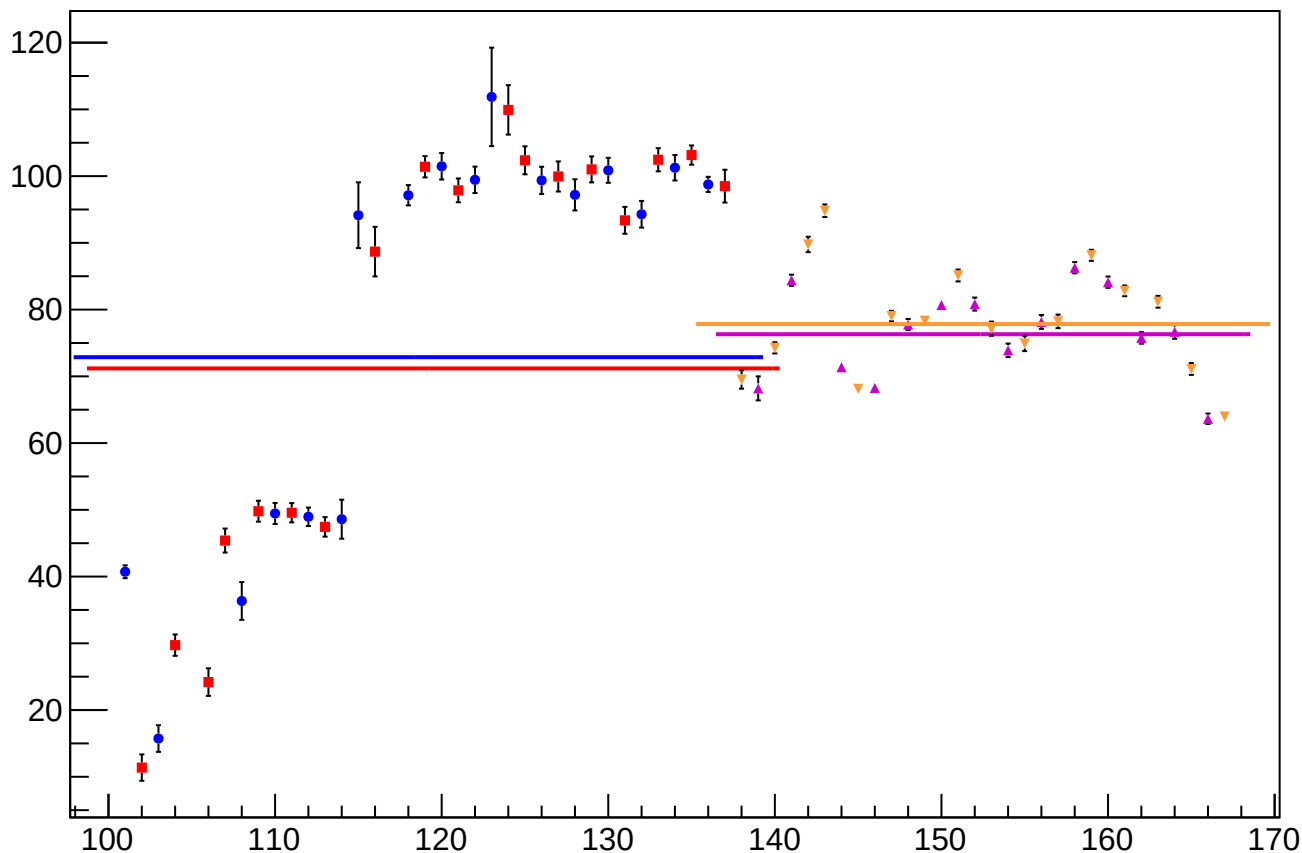
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -38.863 ± 0.250 χ^2/NDF : 3476.5/30

Out: -38.922 ± 0.242 χ^2/NDF : 2983.2/33

All: -38.894 ± 0.174 χ^2/NDF : 6459.7/64

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 77.837 $\pm$ 0.221 χ^2 /NDF:1393.4/15

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 76.316 $\pm$ 0.231 χ^2 /NDF:861.9/13

Left: 77.111 $\pm$ 0.159 χ^2 /NDF: 2278.0/29

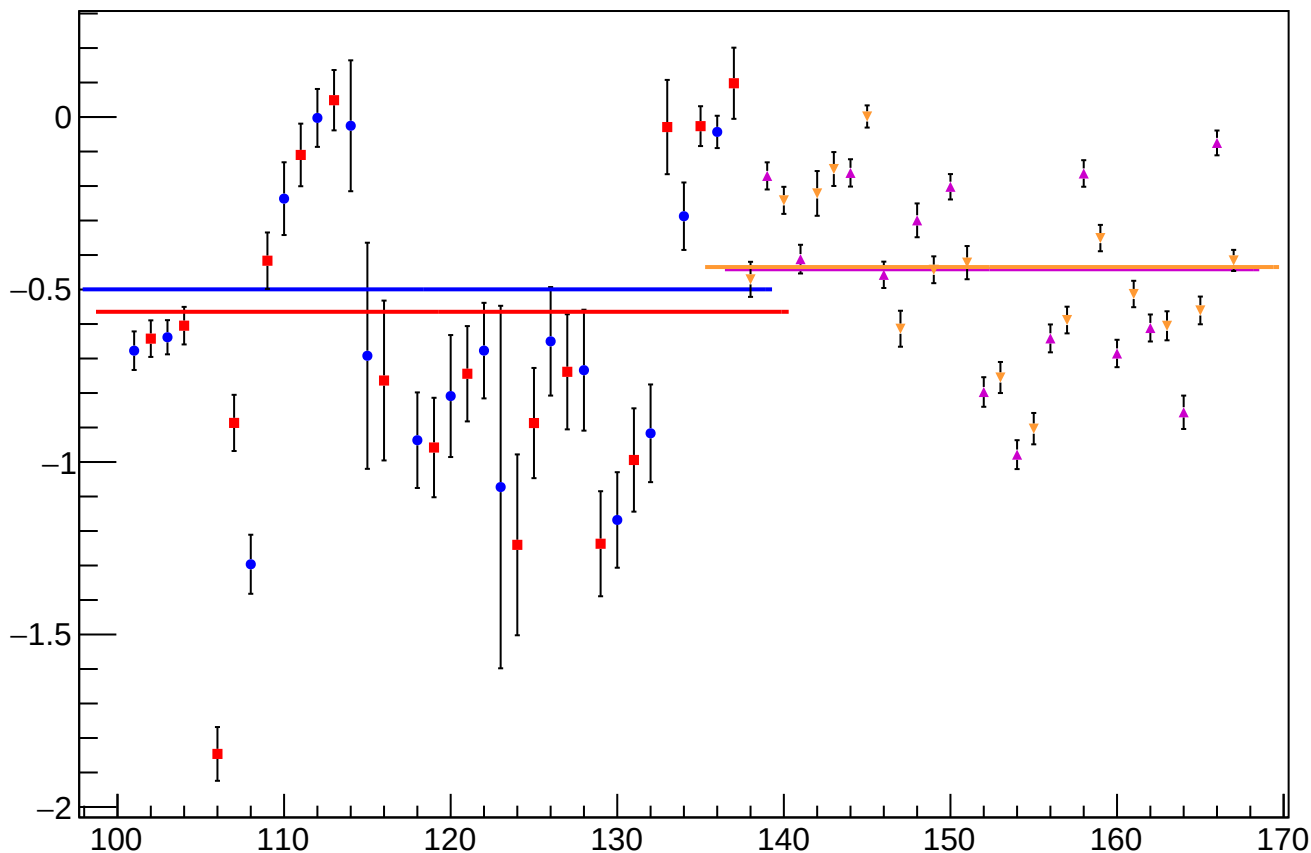
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 75.535 $\pm$ 0.203 χ^2 /NDF:5639.5/30

Out: 76.473 $\pm$ 0.197 χ^2 /NDF:6954.9/33

All: 76.019 $\pm$ 0.141 χ^2 /NDF: 12605.4/64

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.435 ± 0.010 χ^2/NDF : 473.0/15

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.441 ± 0.011 χ^2/NDF : 692.0/13

Left: -0.438 ± 0.007 χ^2/NDF : 1165.1/29

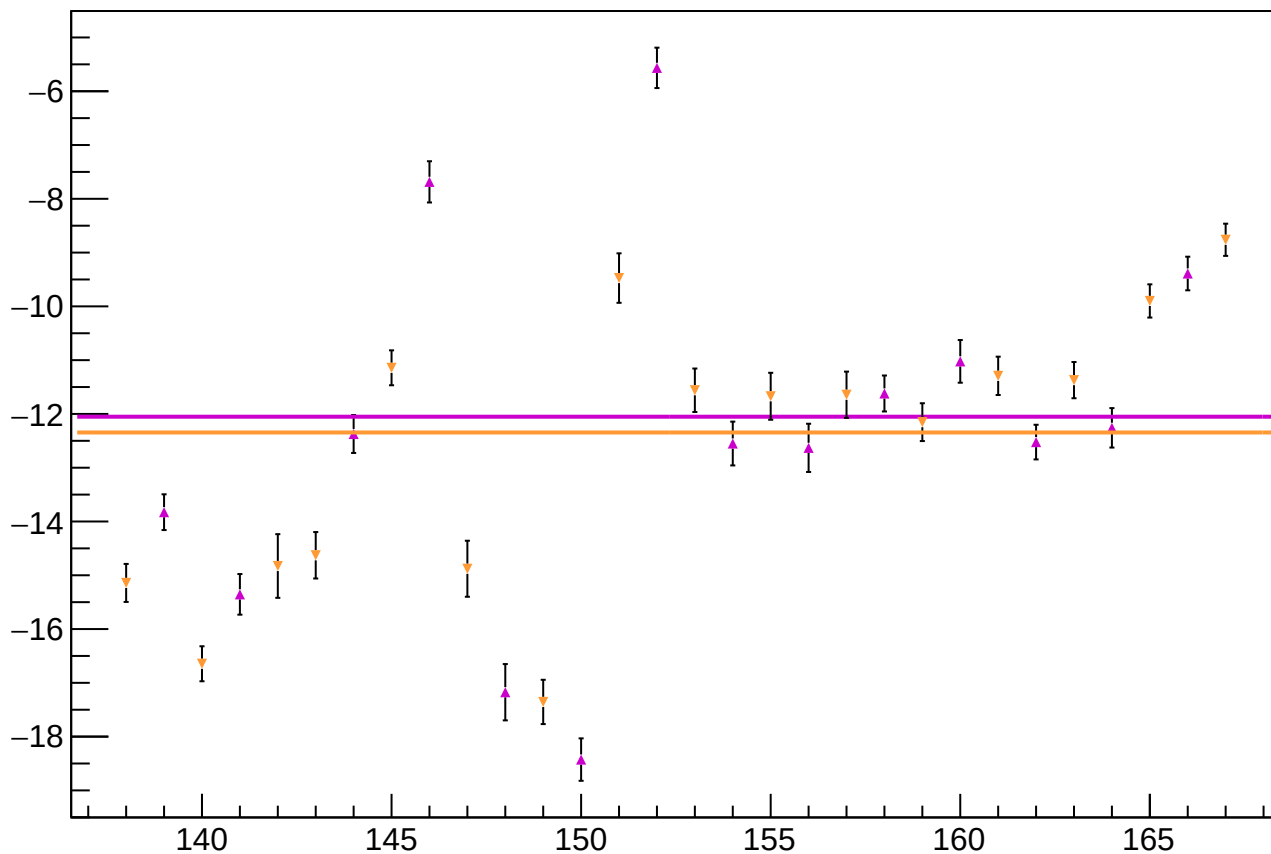
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.452 ± 0.010 χ^2/NDF : 1000.1/30

Out: -0.459 ± 0.009 χ^2/NDF : 1061.8/33

All: -0.456 ± 0.007 χ^2/NDF : 2062.2/64

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



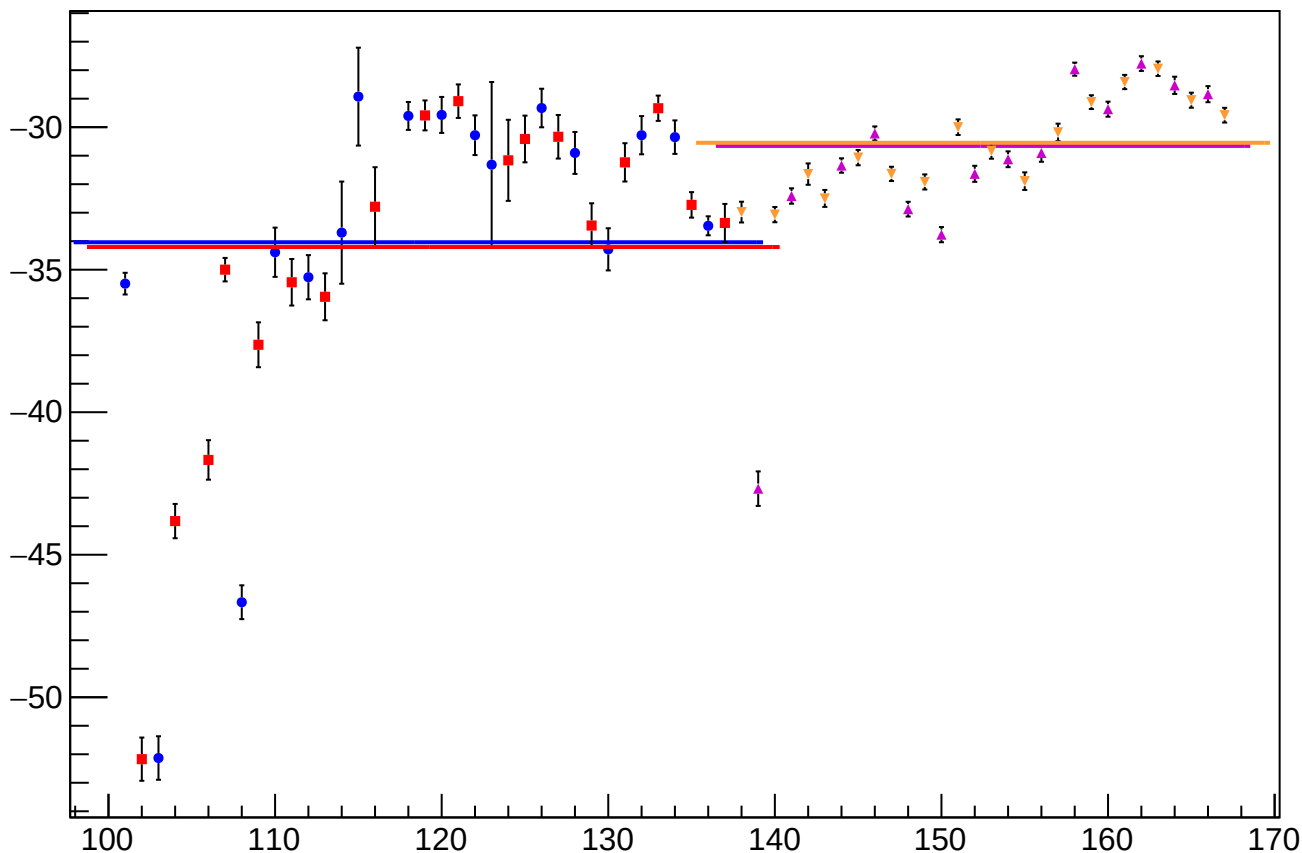
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.345+/-0.094 χ^2/NDF : 739.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.052+/-0.099 χ^2/NDF : 977.4/13

Left: -12.206+/-0.068 χ^2/NDF : 1721.3/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.052+/-0.099 χ^2/NDF : 977.4/13
 Out: -12.345+/-0.094 χ^2/NDF : 739.3/15

All: -12.206+/-0.068 χ^2/NDF : 1721.3/29

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.547 ± 0.069 χ^2/NDF : 516.6/15

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.657 ± 0.073 χ^2/NDF : 1048.4/13

Left: -30.599 ± 0.050 χ^2/NDF : 1566.2/29

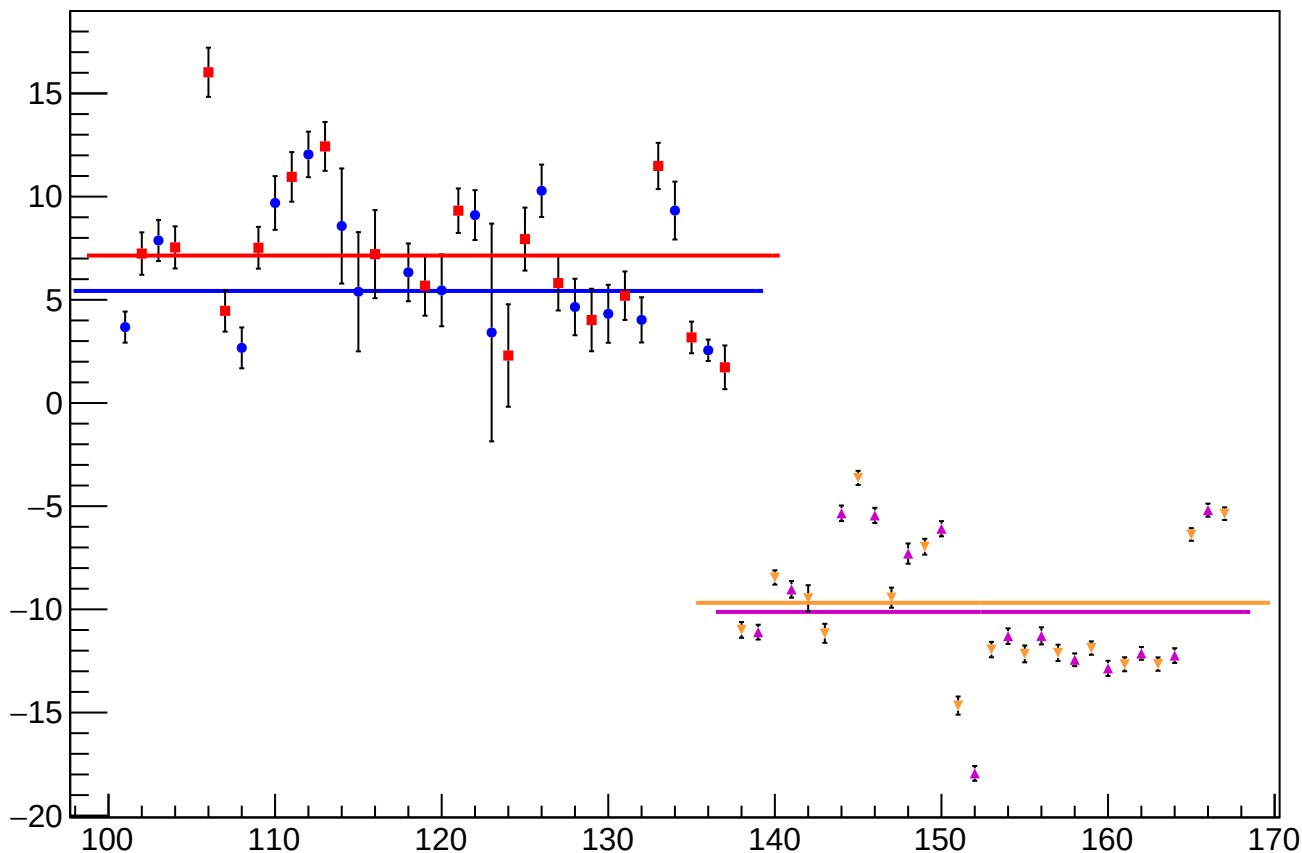
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -31.305 ± 0.066 χ^2/NDF : 2797.1/30

Out: -31.183 ± 0.063 χ^2/NDF : 2323.3/33

All: -31.241 ± 0.046 χ^2/NDF : 5122.2/64

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: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -10.124 ± 0.097 $\chi^2/\text{NDF}: 1410.9/13$

Left: -9.894 ± 0.067 $\chi^2/\text{NDF}: 2577.4/29$

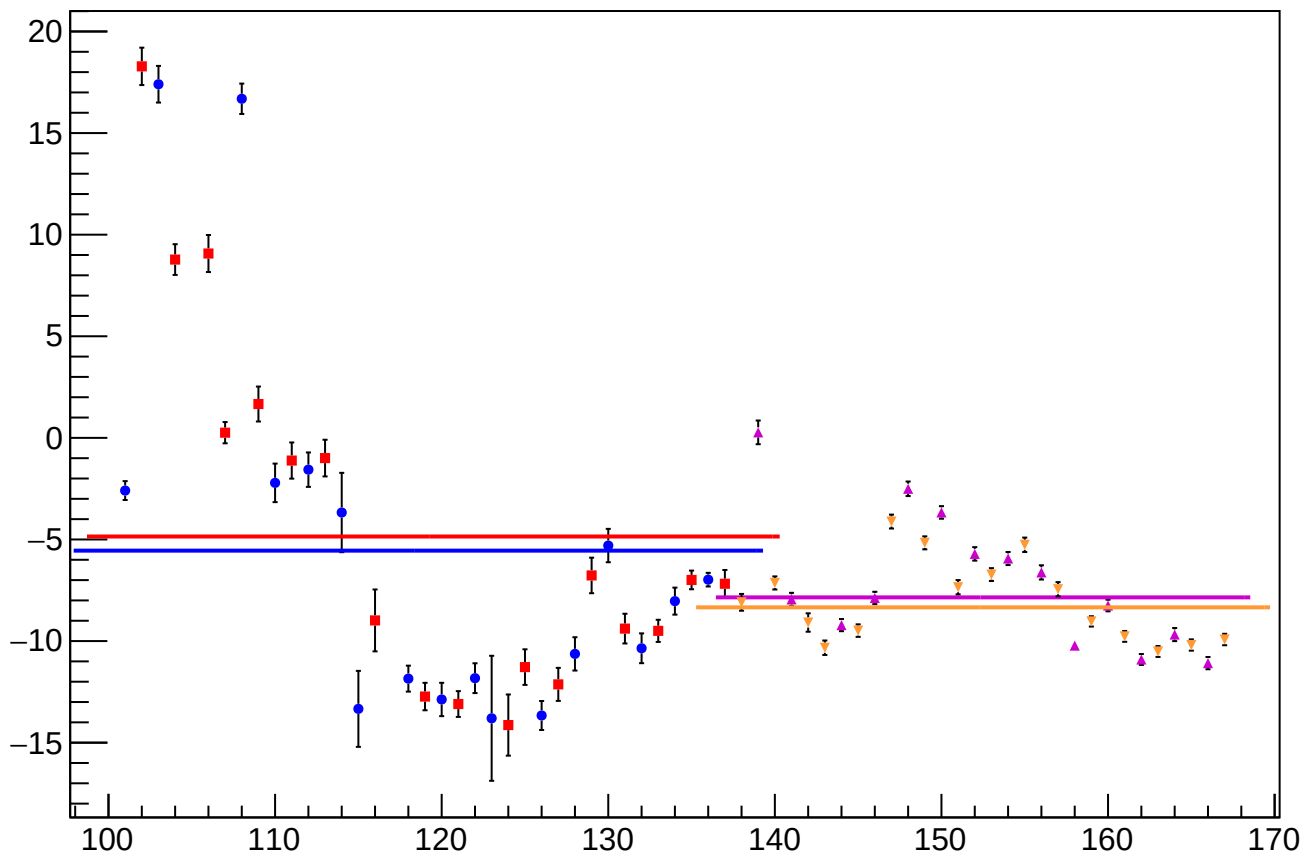
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -8.346 ± 0.091 $\chi^2/\text{NDF}: 4484.8/30$

Out: -7.950 ± 0.088 $\chi^2/\text{NDF}: 4693.5/33$

All: -8.141 ± 0.063 $\chi^2/\text{NDF}: 9188.1/64$

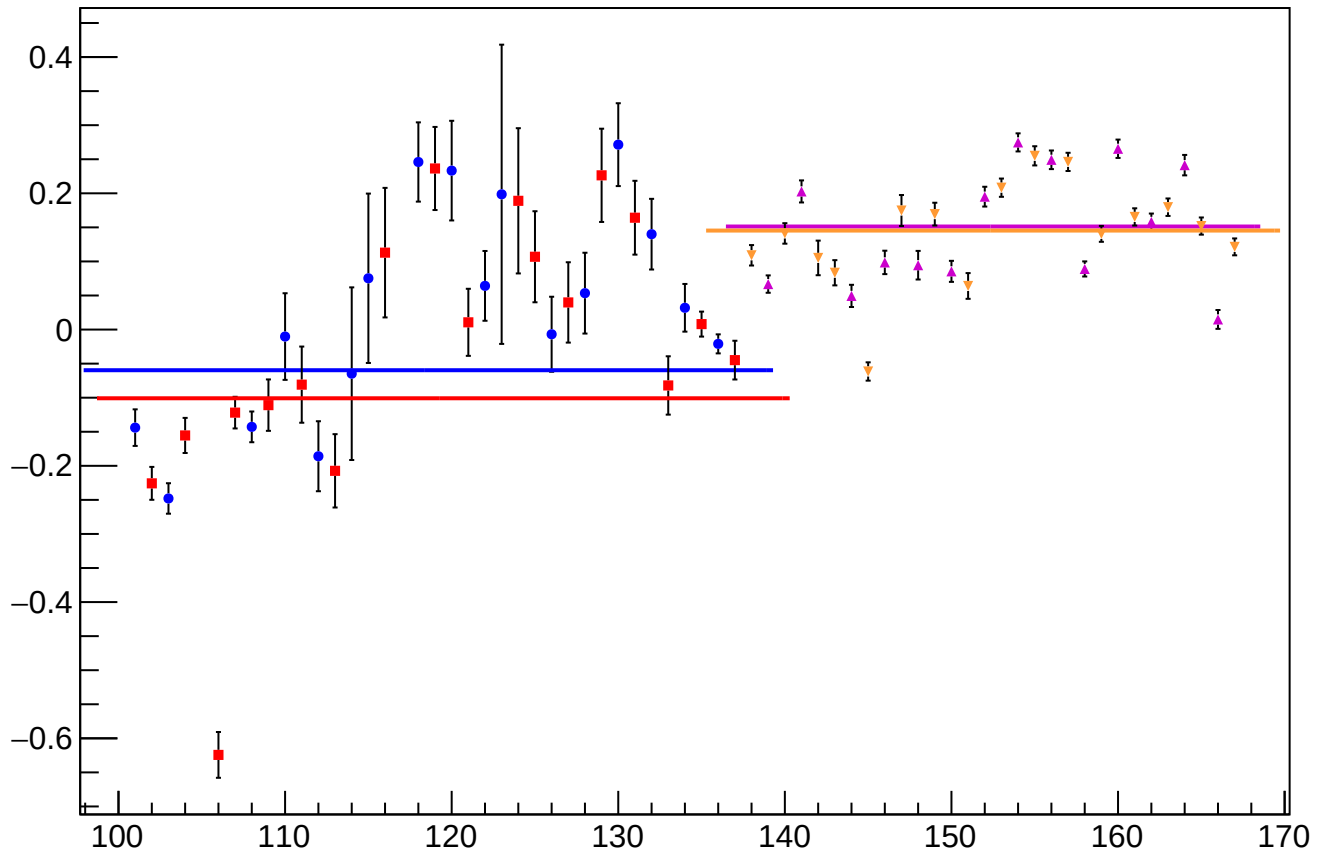
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16
 Left Out: -8.340 ± 0.079 χ^2/NDF : 605.4/15
 Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17
 Left In: -7.851 ± 0.084 χ^2/NDF : 1083.8/13

Left: -8.109 ± 0.057 χ^2/NDF : 1707.3/29
 Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34
 In: -7.403 ± 0.075 χ^2/NDF : 3357.7/30
 Out: -7.737 ± 0.072 χ^2/NDF : 2955.0/33
 All: -7.577 ± 0.052 χ^2/NDF : 6323.1/64

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.145 ± 0.004 χ^2/NDF : 432.1/15

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.151 ± 0.004 χ^2/NDF : 511.8/13

Left: 0.148 ± 0.003 χ^2/NDF : 945.1/29

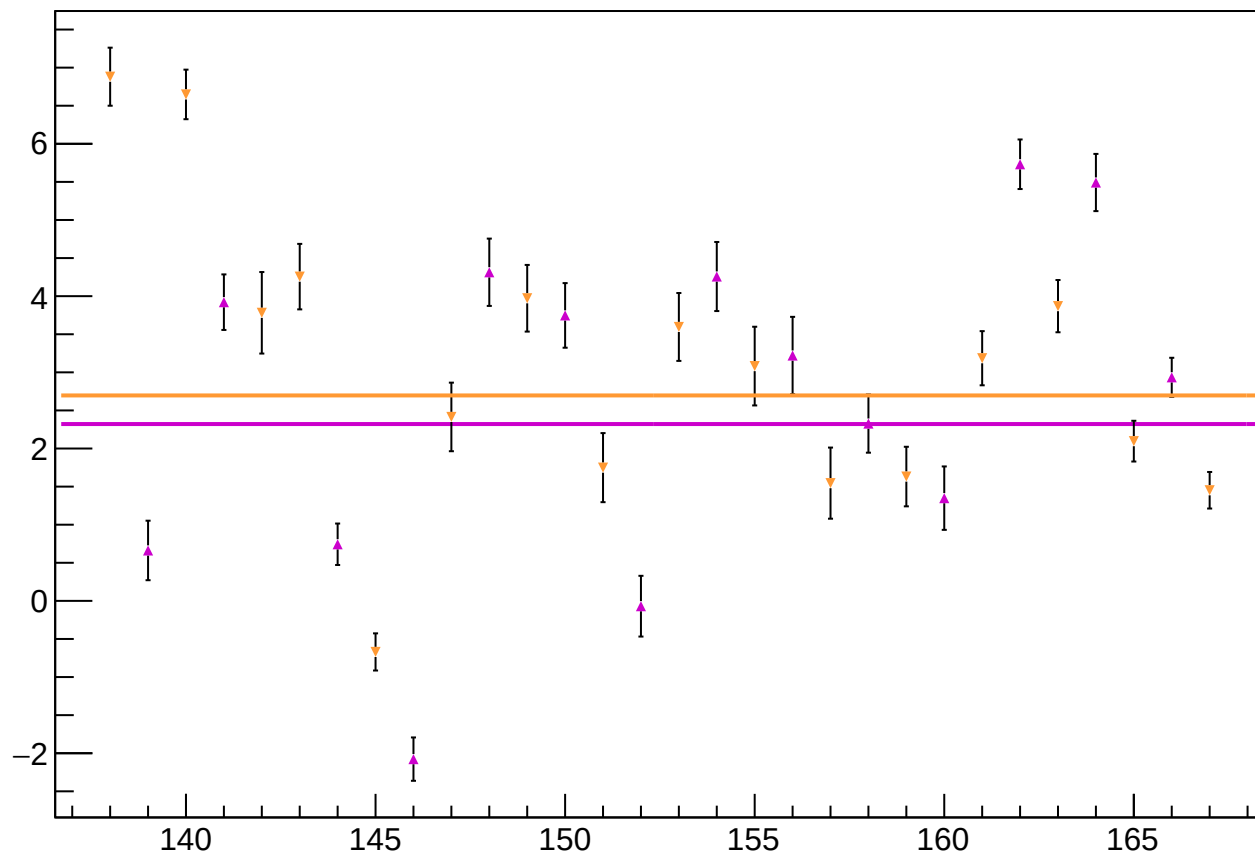
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.115 ± 0.003 χ^2/NDF : 1252.5/30

Out: 0.107 ± 0.003 χ^2/NDF : 1577.9/33

All: 0.111 ± 0.002 χ^2/NDF : 2833.5/64

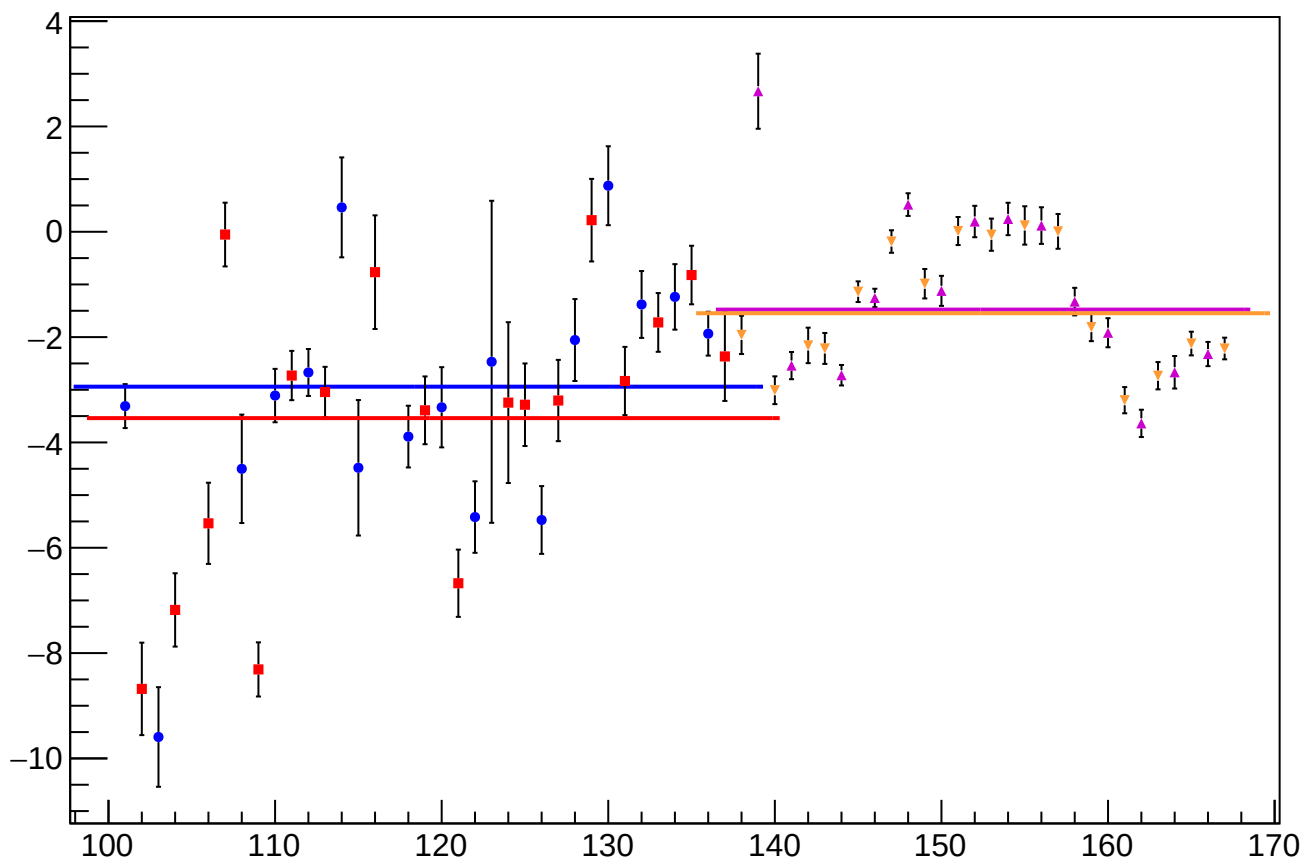
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 2.321 $\pm$ 0.095 χ^2/NDF :591.4/13

Left: 2.521 $\pm$ 0.065 χ^2/NDF : 1152.6/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.321 $\pm$ 0.095 χ^2/NDF :591.4/13
 Out: 2.697 $\pm$ 0.090 χ^2/NDF :552.9/15
 All: 2.521 $\pm$ 0.065 χ^2/NDF : 1152.6/29

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.547 ± 0.066 χ^2/NDF : 273.6/15

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.478 ± 0.069 χ^2/NDF : 365.0/13

Left: -1.514 ± 0.047 χ^2/NDF : 639.1/29

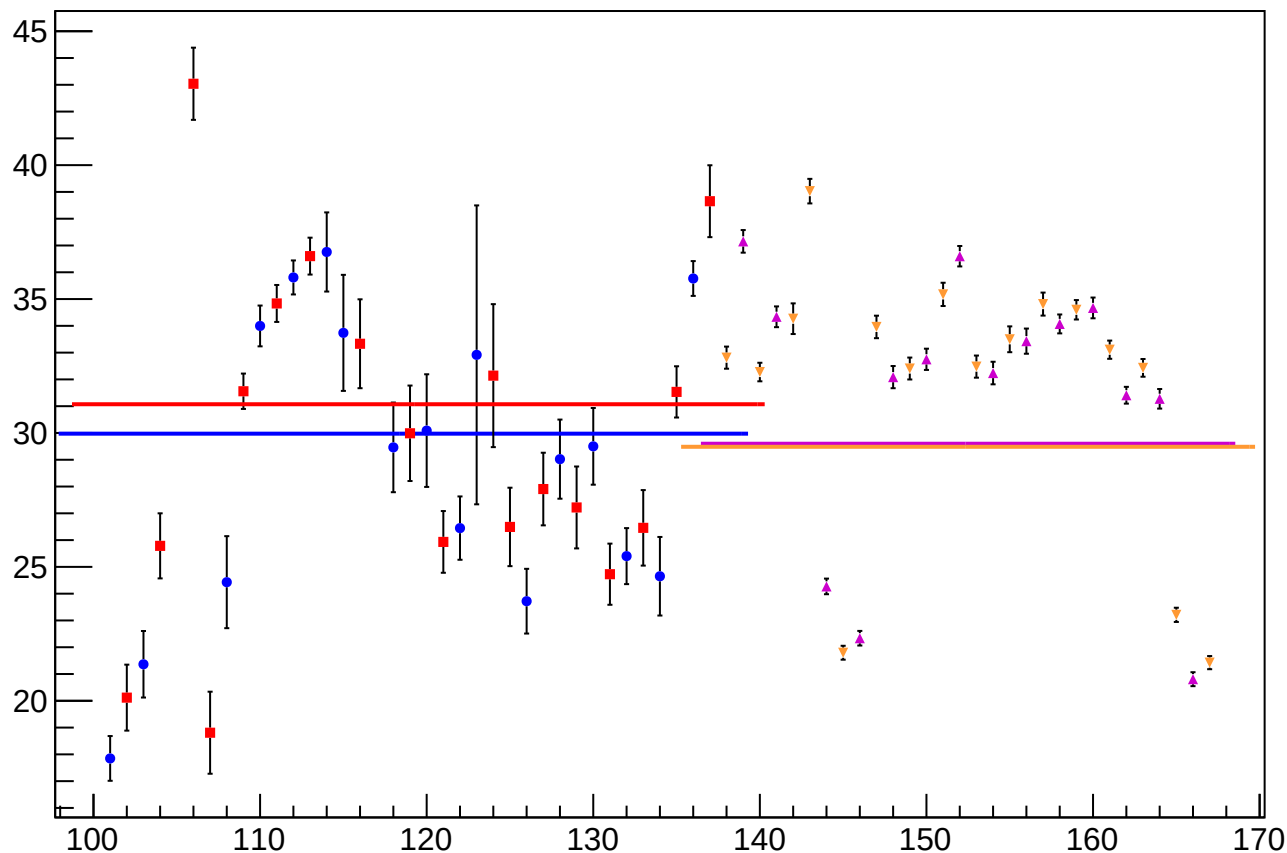
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.720 ± 0.063 χ^2/NDF : 585.7/30

Out: -1.850 ± 0.060 χ^2/NDF : 697.8/33

All: -1.788 ± 0.043 χ^2/NDF : 1285.8/64

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: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 29.598 $\pm$ 0.094 χ^2 /NDF: 3578.2/13

Left: 29.538 $\pm$ 0.065 χ^2 /NDF: 7727.3/29

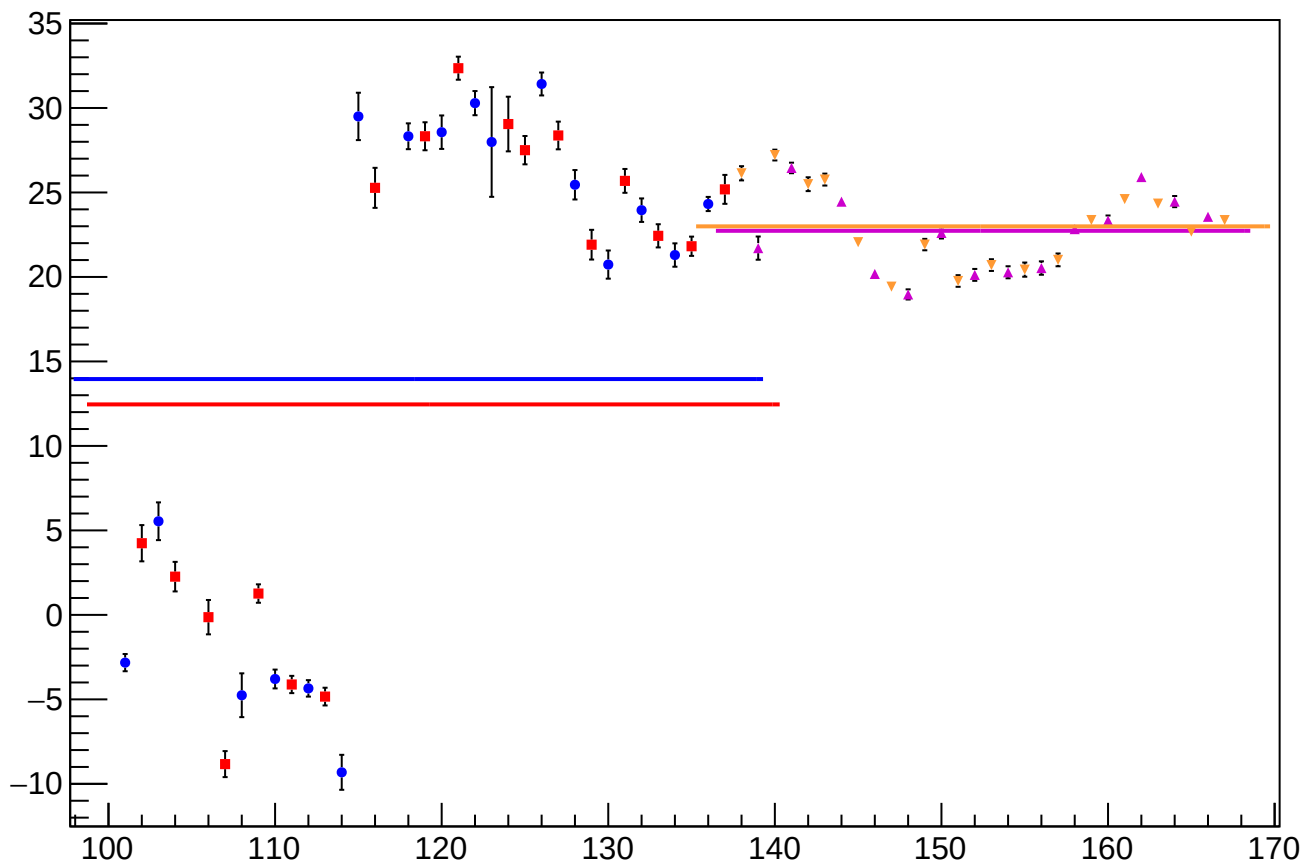
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 29.639 $\pm$ 0.088 χ^2 /NDF: 4133.9/30

Out: 29.651 $\pm$ 0.084 χ^2 /NDF: 4635.0/33

All: 29.645 $\pm$ 0.061 χ^2 /NDF: 8768.9/64

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.995 $\pm$ 0.075 χ^2 /NDF: 765.9/15

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.731 $\pm$ 0.080 χ^2 /NDF: 807.0/13

Left: 22.870 $\pm$ 0.055 χ^2 /NDF: 1578.7/29

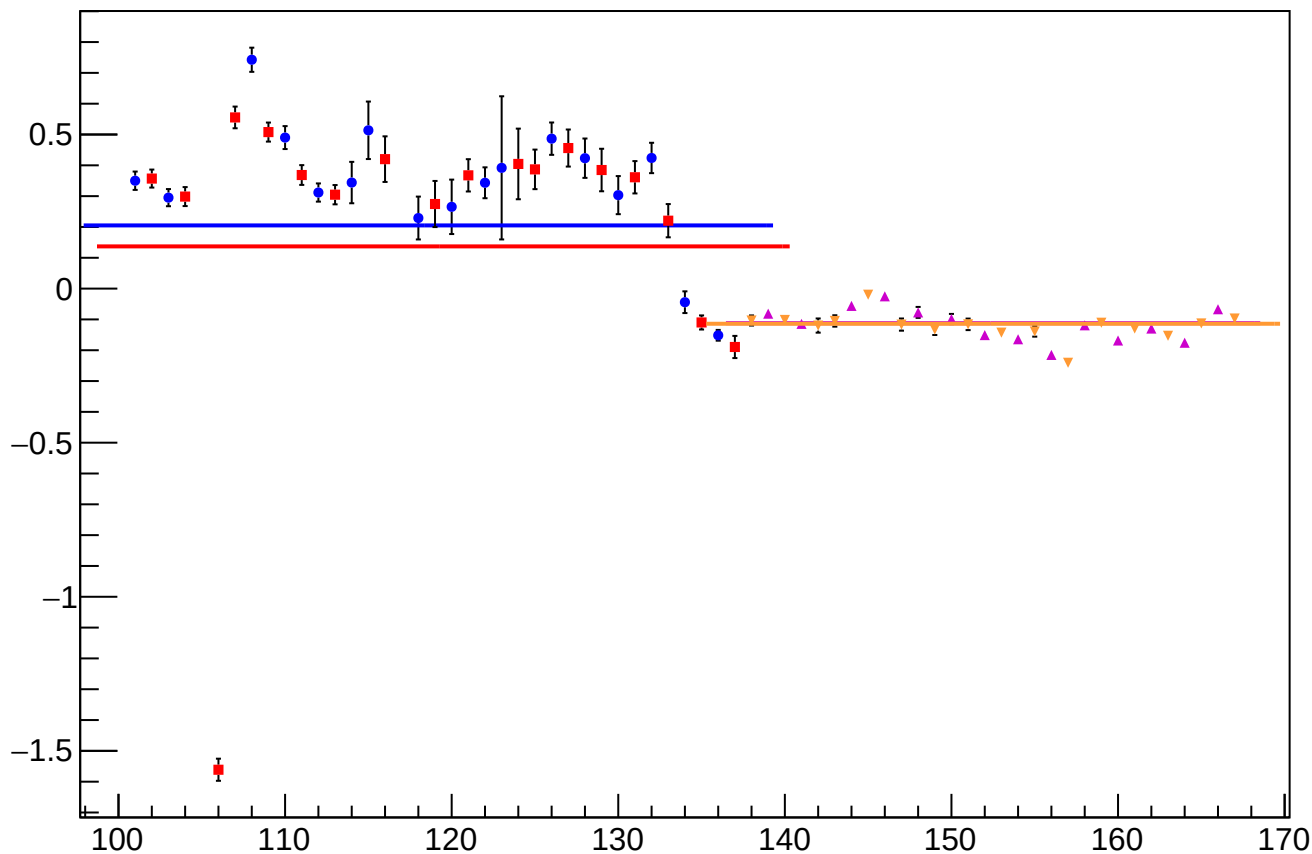
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.189 $\pm$ 0.072 χ^2 /NDF: 10293.0/30

Out: 21.326 $\pm$ 0.069 χ^2 /NDF: 10841.9/33

All: 21.260 $\pm$ 0.050 χ^2 /NDF: 21136.8/64

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: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.112 ± 0.004 $\chi^2/\text{NDF}: 190.1/13$

Left: -0.113 ± 0.003 $\chi^2/\text{NDF}: 374.5/29$

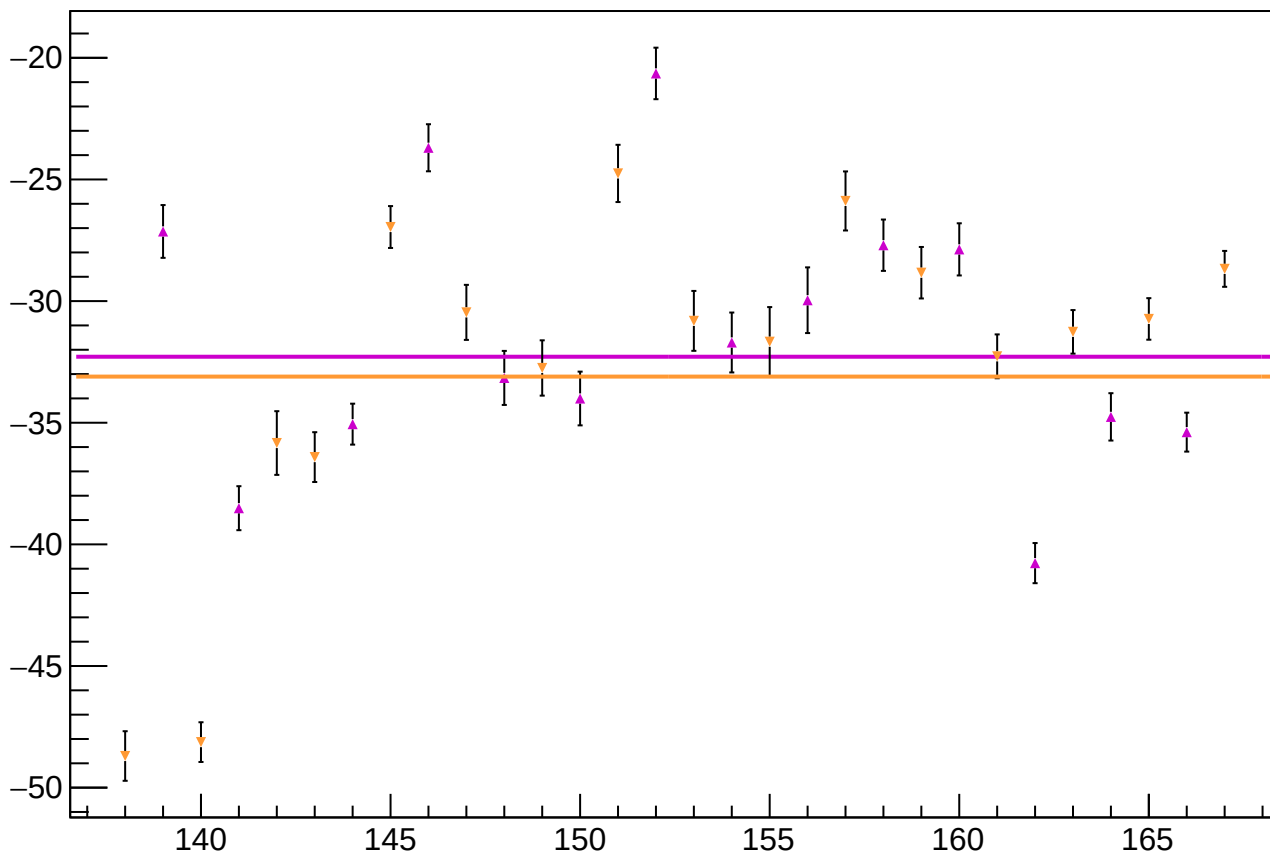
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.068 ± 0.003 $\chi^2/\text{NDF}: 2023.7/30$

Out: -0.082 ± 0.003 $\chi^2/\text{NDF}: 3839.7/33$

All: -0.076 ± 0.002 $\chi^2/\text{NDF}: 5872.0/64$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



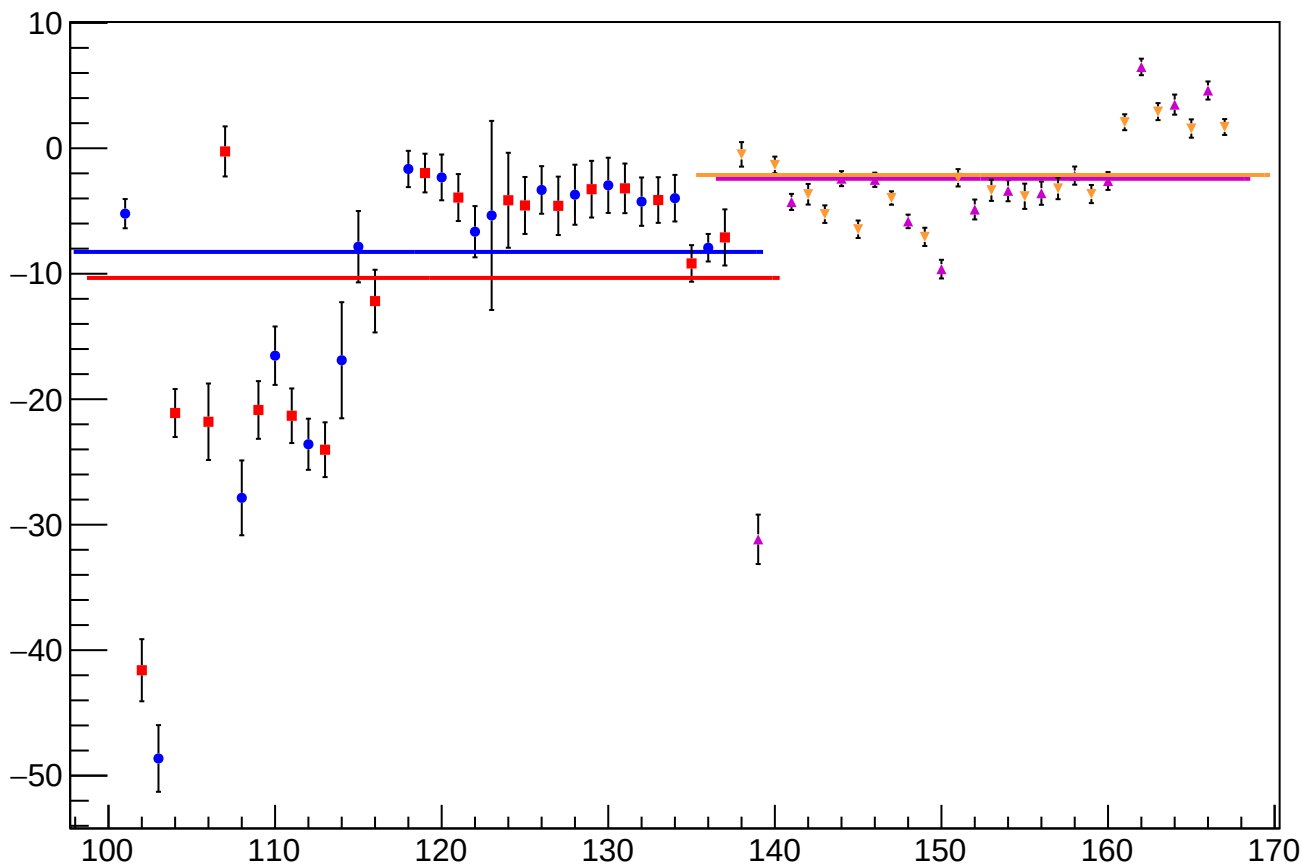
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -33.103 $\pm$ 0.250 χ^2/NDF :799.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -32.287 $\pm$ 0.266 χ^2/NDF :449.7/13

Left: -32.721 $\pm$ 0.182 χ^2/NDF : 1254.2/29
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.287 $\pm$ 0.266 χ^2/NDF :449.7/13
 Out: -33.103 $\pm$ 0.250 χ^2/NDF :799.4/15

All: -32.721 $\pm$ 0.182 χ^2/NDF : 1254.2/29

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -2.130 ± 0.179 $\chi^2/\text{NDF}: 296.8/15$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -2.433 ± 0.190 $\chi^2/\text{NDF}: 699.1/13$

Left: -2.273 ± 0.130 $\chi^2/\text{NDF}: 997.3/29$

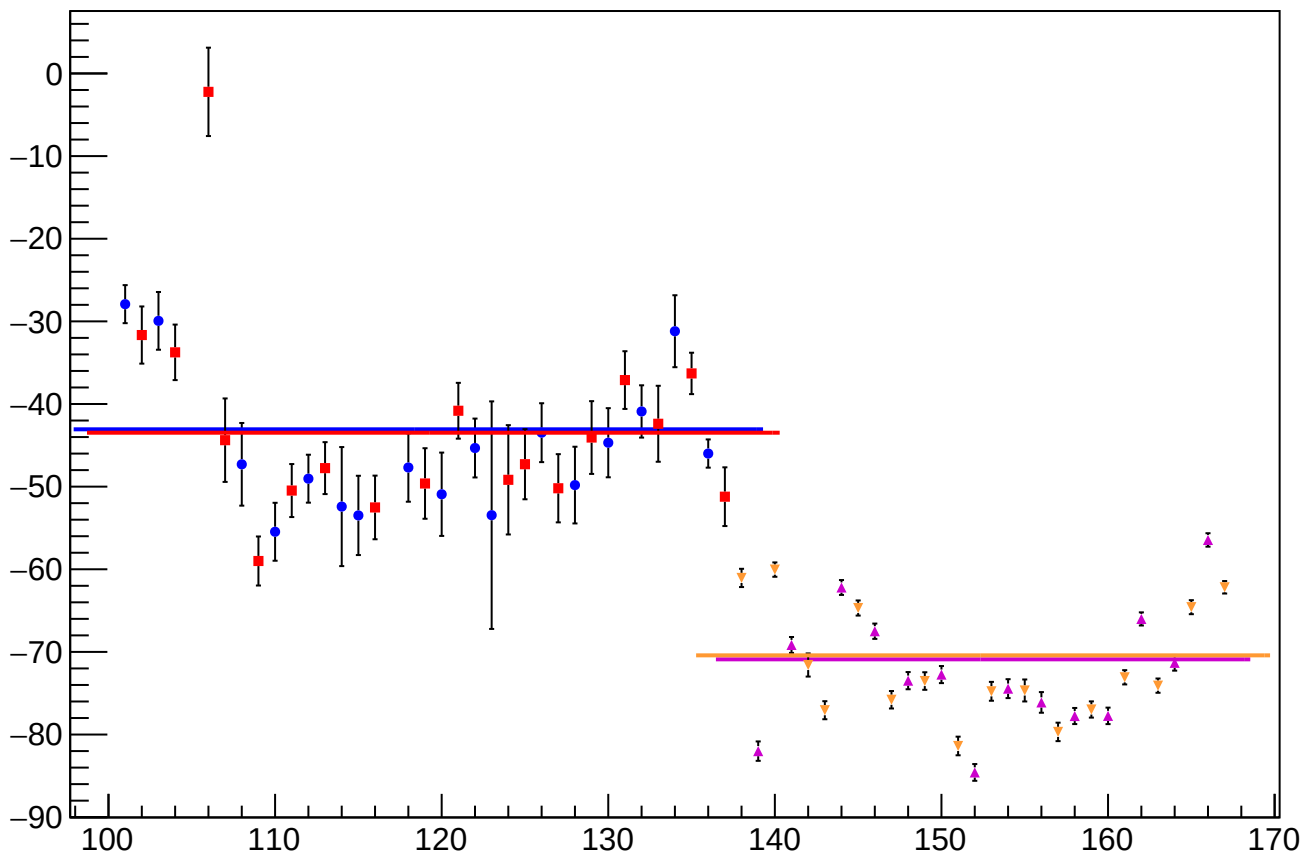
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -3.275 ± 0.176 $\chi^2/\text{NDF}: 1246.8/30$

Out: -3.096 ± 0.169 $\chi^2/\text{NDF}: 953.9/33$

All: -3.181 ± 0.122 $\chi^2/\text{NDF}: 2201.3/64$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



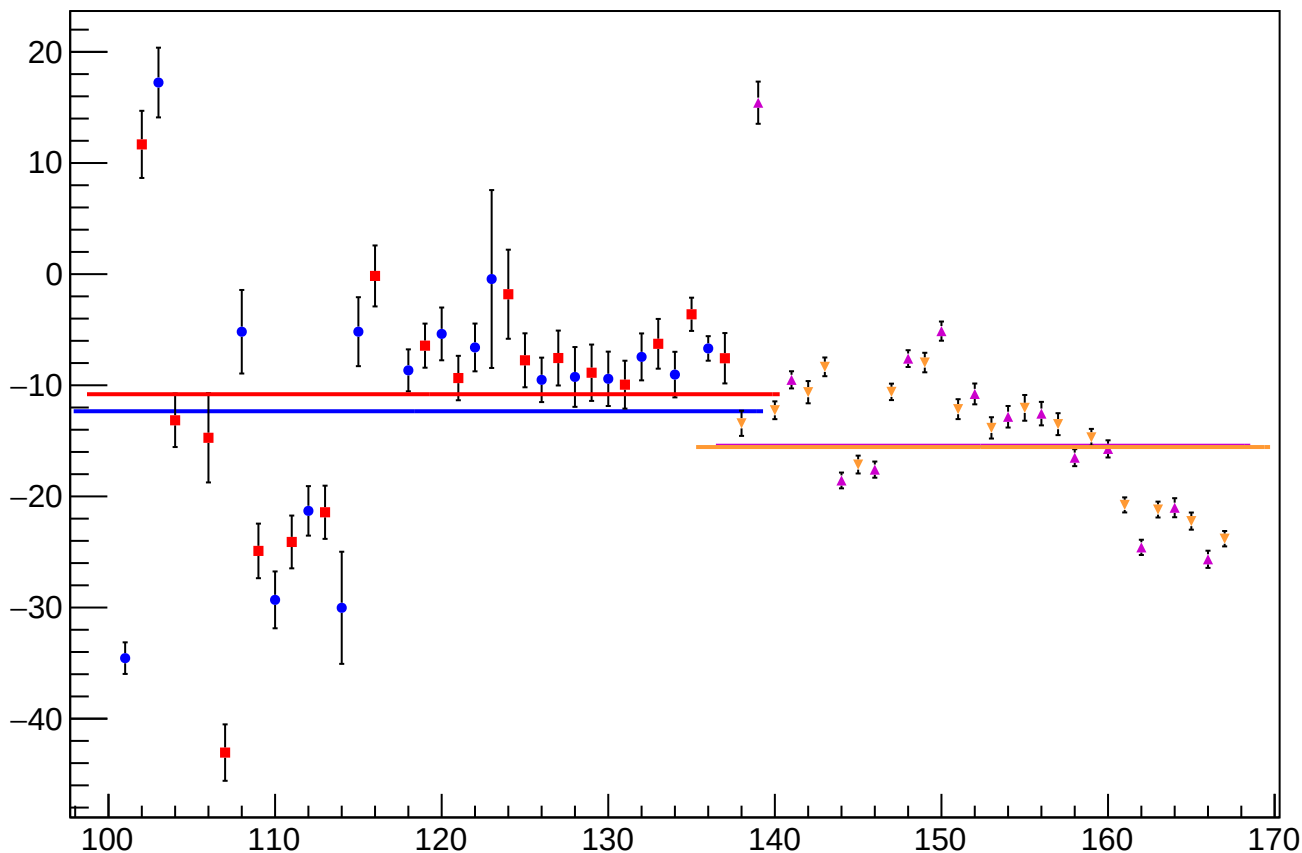
Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -70.416 ± 0.248 $\chi^2/\text{NDF}: 752.2/15$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -70.899 ± 0.261 $\chi^2/\text{NDF}: 867.9/13$

Left: -70.645 ± 0.180 $\chi^2/\text{NDF}: 1622.0/29$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -68.428 ± 0.249 $\chi^2/\text{NDF}: 1978.8/30$
 Out: -68.385 ± 0.239 $\chi^2/\text{NDF}: 1783.9/33$

All: -68.405 ± 0.172 $\chi^2/\text{NDF}: 3762.7/64$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -15.557 ± 0.208 χ^2/NDF : 612.4/15

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -15.439 ± 0.221 χ^2/NDF : 1038.1/13

Left: -15.502 ± 0.151 χ^2/NDF : 1650.6/29

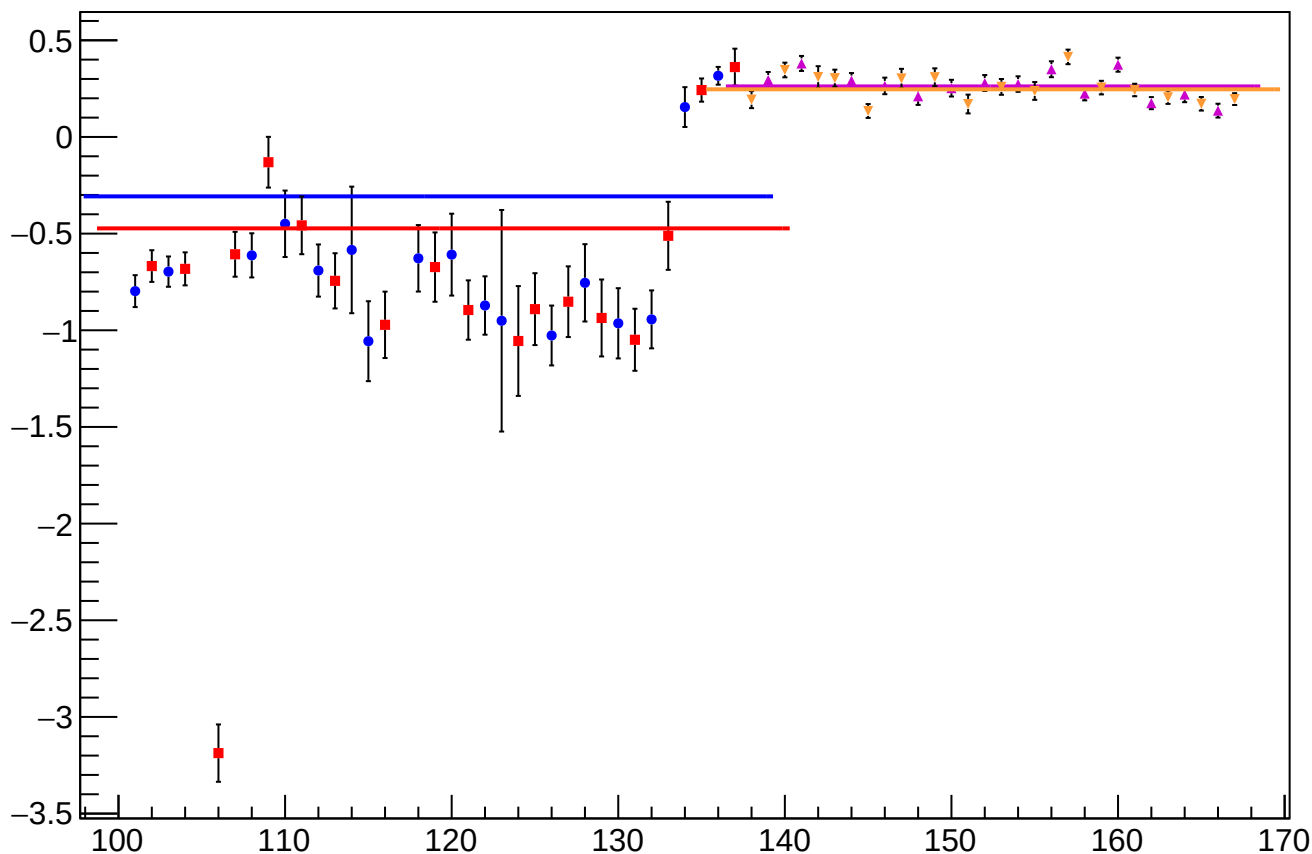
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -14.966 ± 0.203 χ^2/NDF : 1543.4/30

Out: -14.971 ± 0.195 χ^2/NDF : 1038.4/33

All: -14.969 ± 0.140 χ^2/NDF : 2581.8/64

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.246 ± 0.010 χ^2/NDF : 55.5/15

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.261 ± 0.010 χ^2/NDF : 48.5/13

Left: 0.253 ± 0.007 χ^2/NDF : 105.1/29

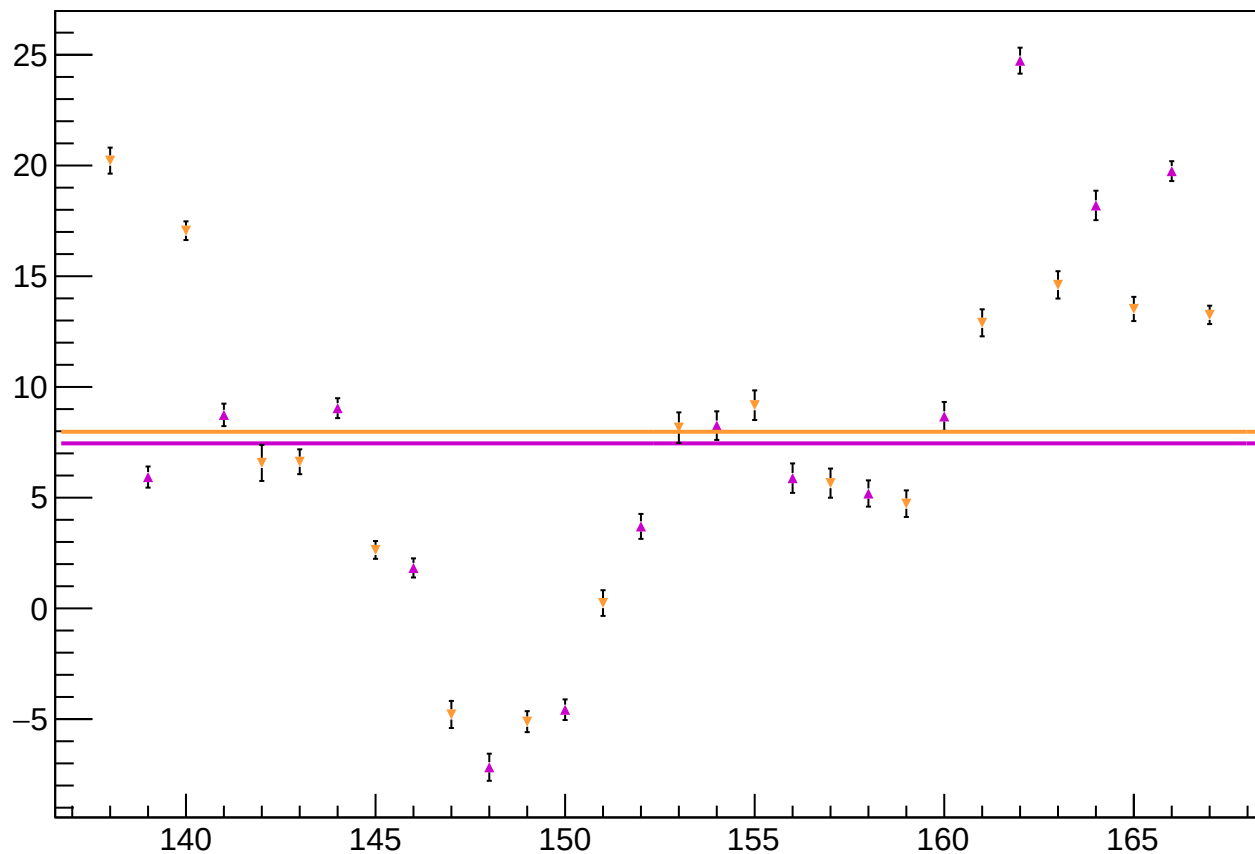
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.191 ± 0.010 χ^2/NDF : 794.5/30

Out: 0.171 ± 0.009 χ^2/NDF : 1247.4/33

All: 0.180 ± 0.007 χ^2/NDF : 2044.0/64

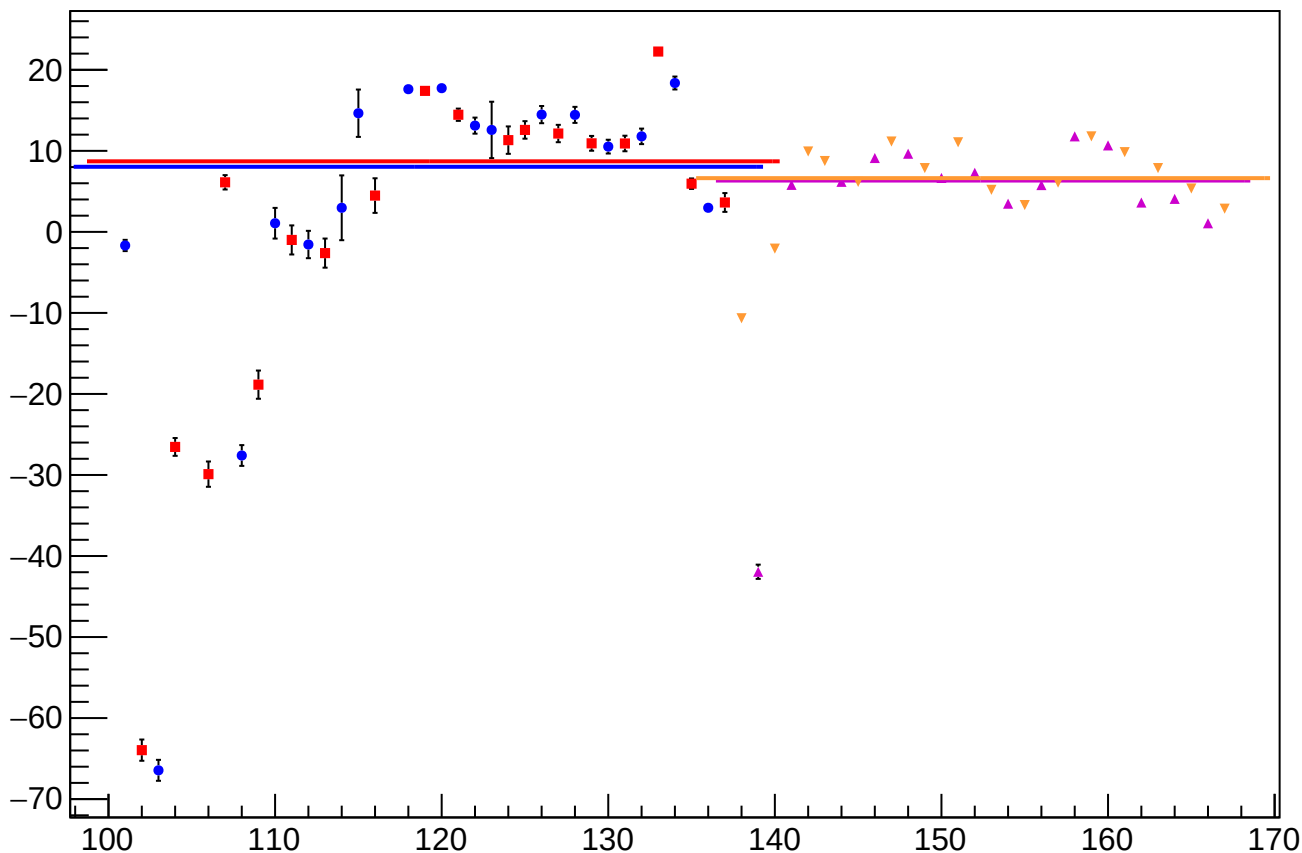
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.976 $\pm$ 0.137 χ^2 /NDF:2948.4/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.452 $\pm$ 0.143 χ^2 /NDF:3385.8/13

Left: 7.726 $\pm$ 0.099 χ^2 /NDF: 6341.2/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.452 $\pm$ 0.143 χ^2 /NDF:3385.8/13
 Out: 7.976 $\pm$ 0.137 χ^2 /NDF:2948.4/15
 All: 7.726 $\pm$ 0.099 χ^2 /NDF: 6341.2/29

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 6.632+/-0.098 χ^2/NDF : 2347.9/15

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 6.336+/-0.104 χ^2/NDF : 3783.5/13

Left: 6.492+/-0.071 χ^2/NDF : 6135.7/29

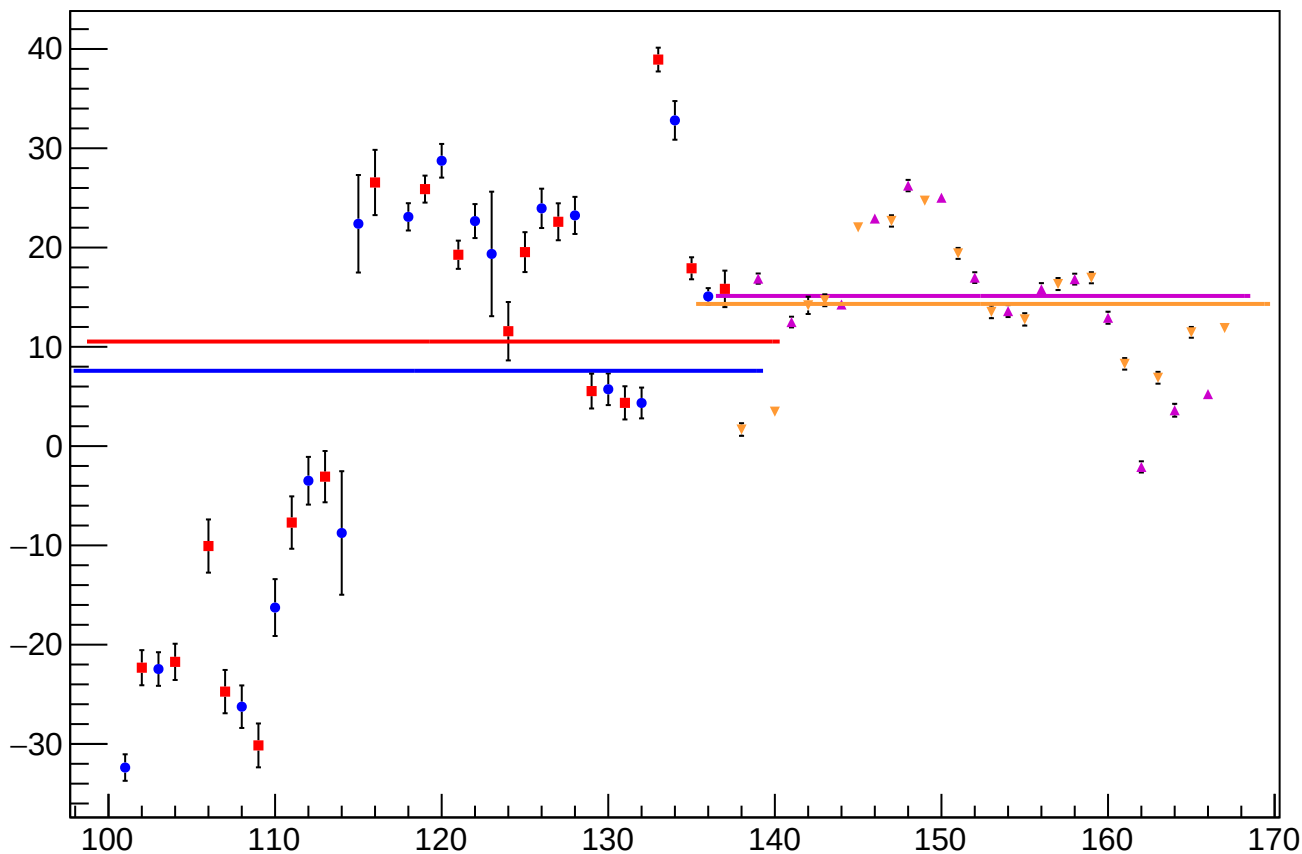
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 6.655+/-0.093 χ^2/NDF : 9204.3/30

Out: 6.997+/-0.089 χ^2/NDF : 8716.3/33

All: 6.834+/-0.065 χ^2/NDF : 17927.6/64

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 14.711 $\pm$ 0.098 χ^2/NDF : 5576.5/29

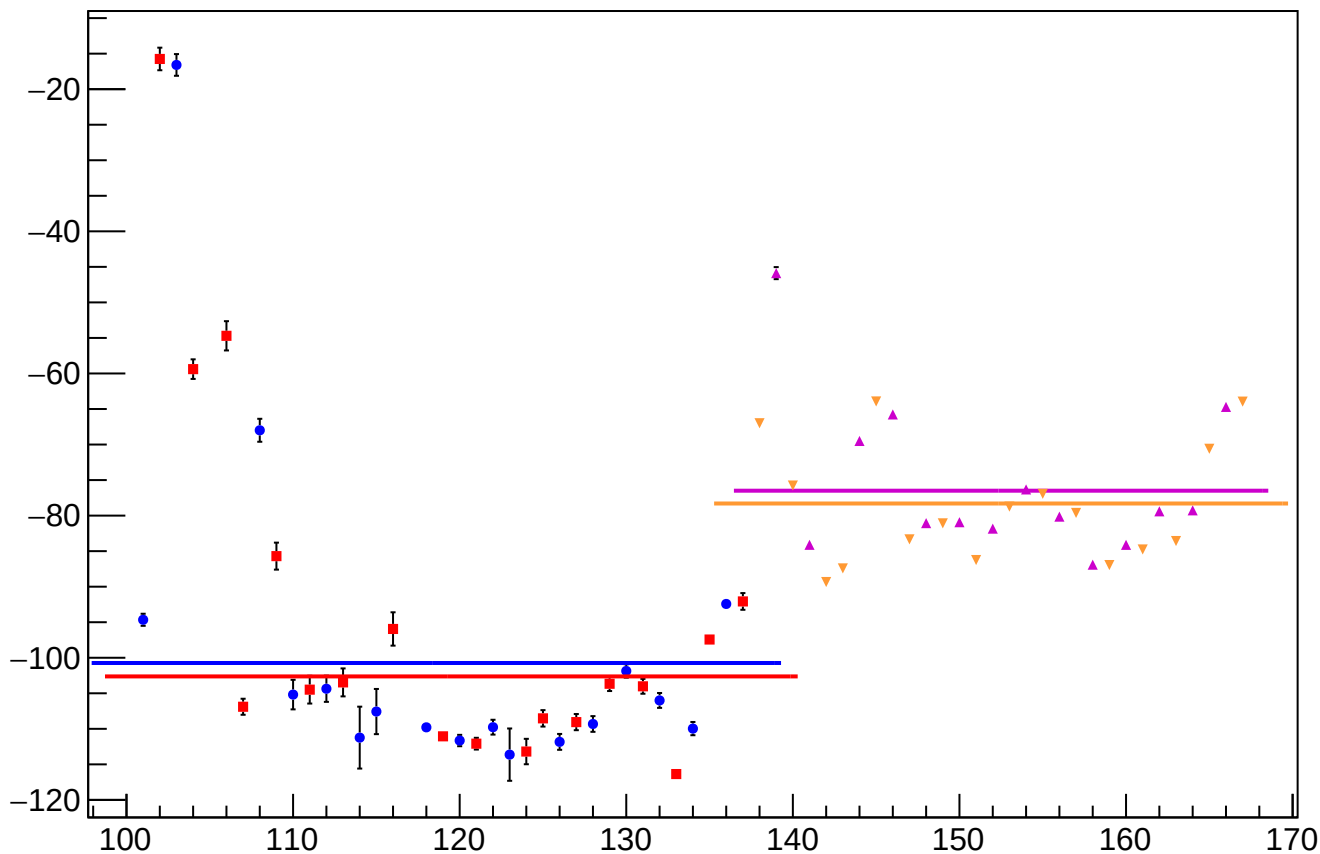
Right: 9.054 $\pm$ 0.295 χ^2/NDF : 4627.2/34

In: 14.357 $\pm$ 0.133 χ^2/NDF : 5655.6/30

Out: 13.958 $\pm$ 0.129 χ^2/NDF : 4875.2/33

All: 14.152 $\pm$ 0.093 χ^2/NDF : 10535.5/64

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -78.296 ± 0.115 $\chi^2/\text{NDF}: 5313.3/15$

Right Out: -102.625 ± 0.246 $\chi^2/\text{NDF}: 5716.3/17$

Left In: -76.495 ± 0.120 $\chi^2/\text{NDF}: 4989.9/13$

Left: -77.439 ± 0.083 $\chi^2/\text{NDF}: 10420.5/29$

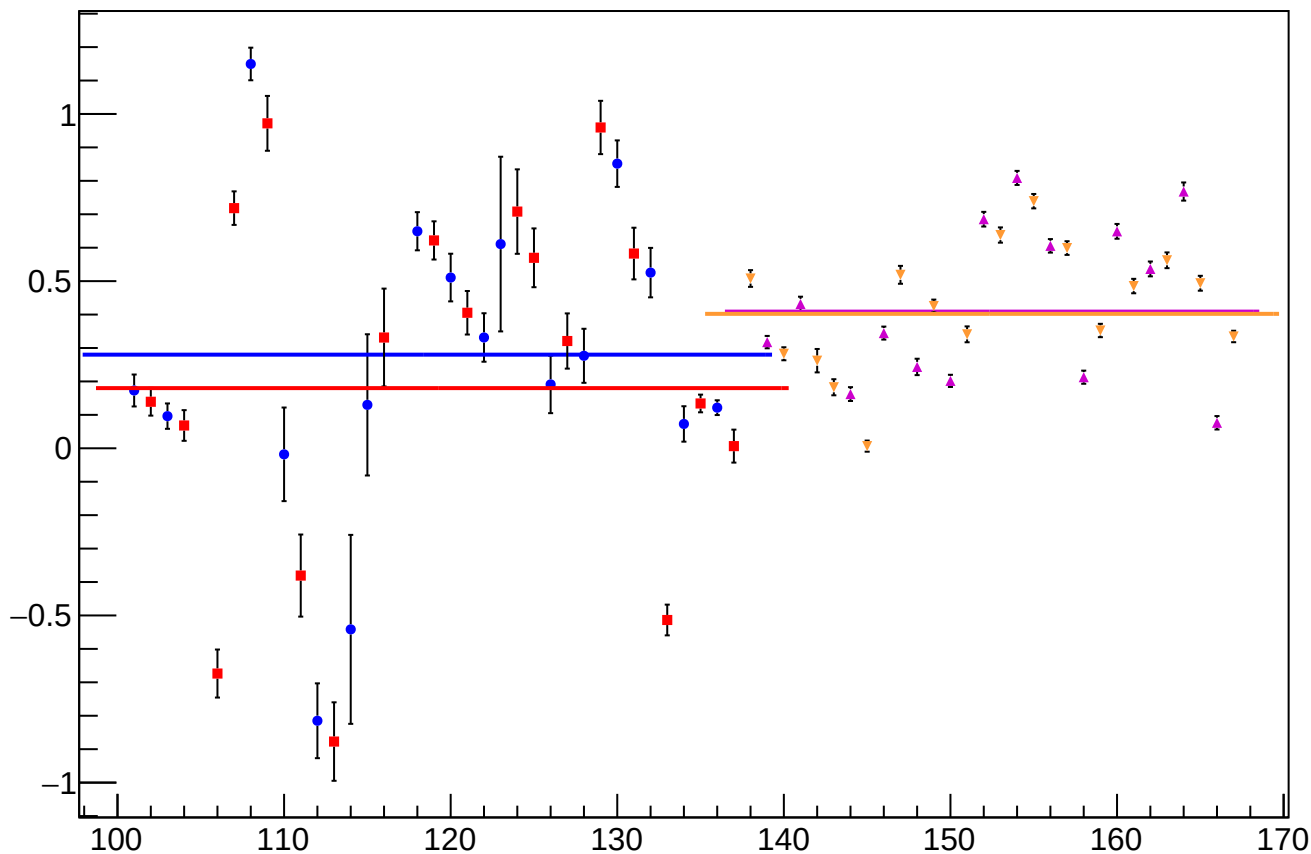
Right: -101.689 ± 0.175 $\chi^2/\text{NDF}: 10266.1/34$

In: -81.109 ± 0.108 $\chi^2/\text{NDF}: 17226.9/30$

Out: -82.639 ± 0.104 $\chi^2/\text{NDF}: 19057.5/33$

All: -81.905 ± 0.075 $\chi^2/\text{NDF}: 36388.2/64$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.402 ± 0.005 χ^2/NDF : 1289.3/15

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.409 ± 0.006 χ^2/NDF : 1665.1/13

Left: 0.405 ± 0.004 χ^2/NDF : 2955.1/29

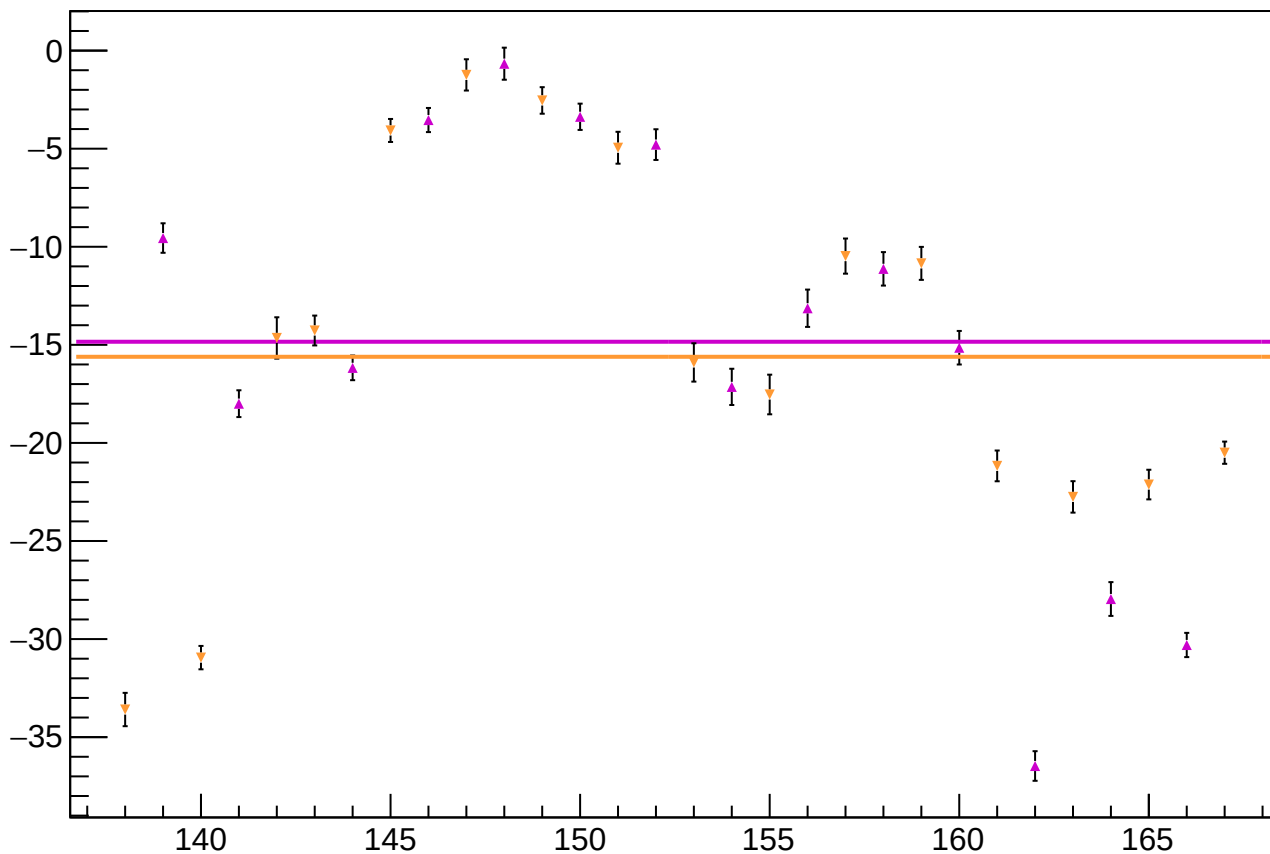
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.390 ± 0.005 χ^2/NDF : 2399.3/30

Out: 0.372 ± 0.005 χ^2/NDF : 2460.5/33

All: 0.380 ± 0.004 χ^2/NDF : 4866.4/64

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



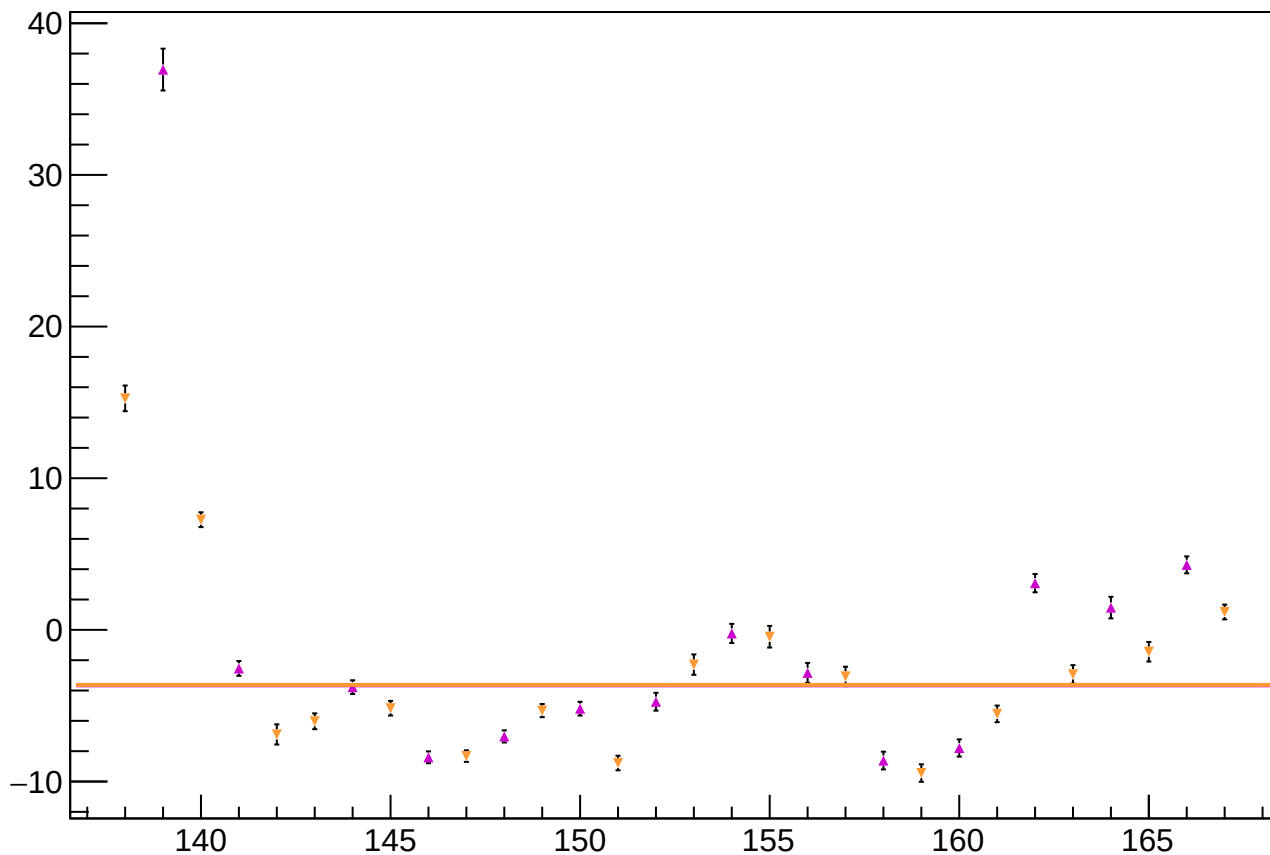
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -15.609 $\pm$ 0.190 χ^2 /NDF:2718.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -14.842 $\pm$ 0.199 χ^2 /NDF:2879.0/13

Left: -15.244 $\pm$ 0.137 χ^2 /NDF: 5604.7/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -14.842 $\pm$ 0.199 χ^2 /NDF:2879.0/13
 Out: -15.609 $\pm$ 0.190 χ^2 /NDF:2718.0/15

All: -15.244 $\pm$ 0.137 χ^2 /NDF: 5604.7/29

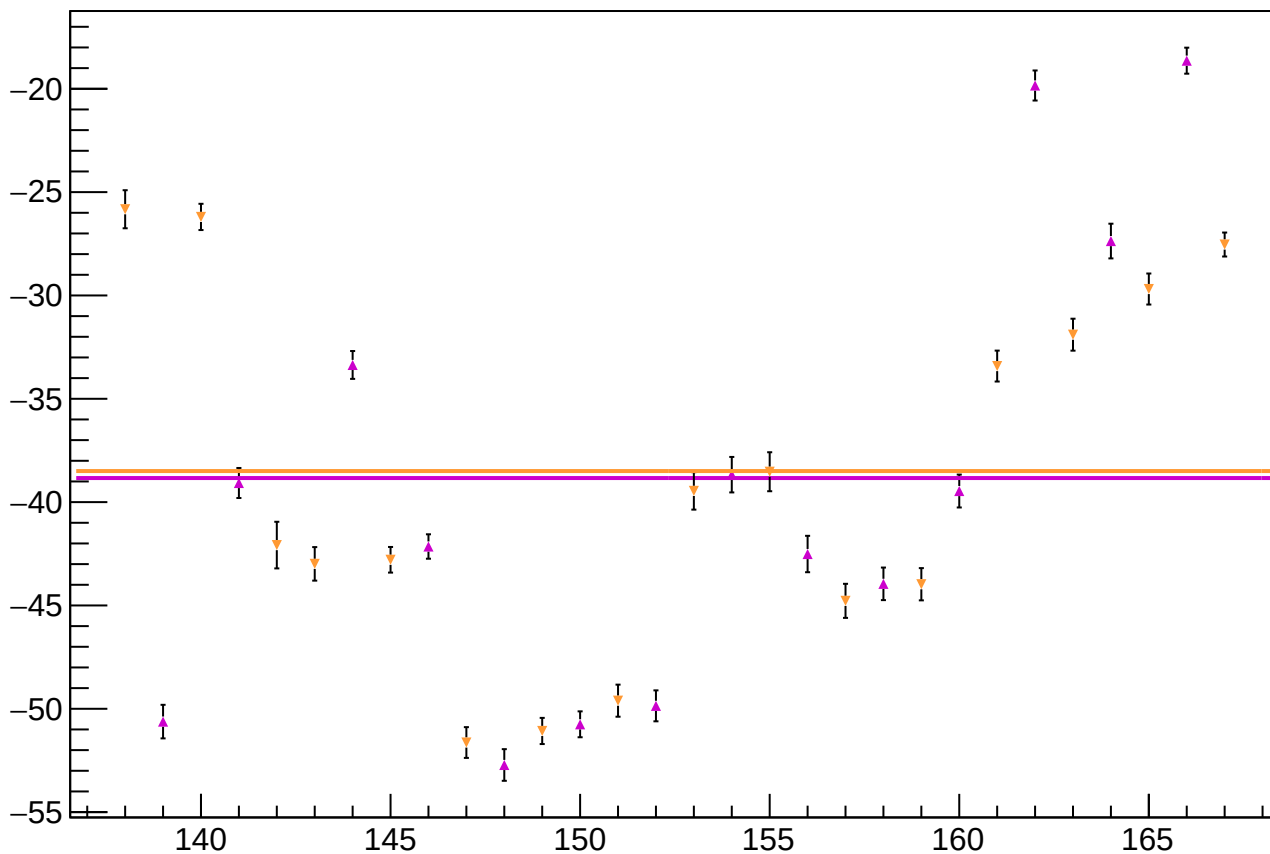
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -3.656+/-0.143 χ^2/NDF :1640.1/13

Left: -3.643+/-0.098 χ^2/NDF : 3218.9/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.656+/-0.143 χ^2/NDF :1640.1/13
 Out: -3.631+/-0.135 χ^2/NDF :1578.8/15
 All: -3.643+/-0.098 χ^2/NDF : 3218.9/29

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: -38.835+/-0.195 χ^2/NDF :3174.2/13

Left: -38.660+/-0.136 χ^2/NDF : 5462.4/29

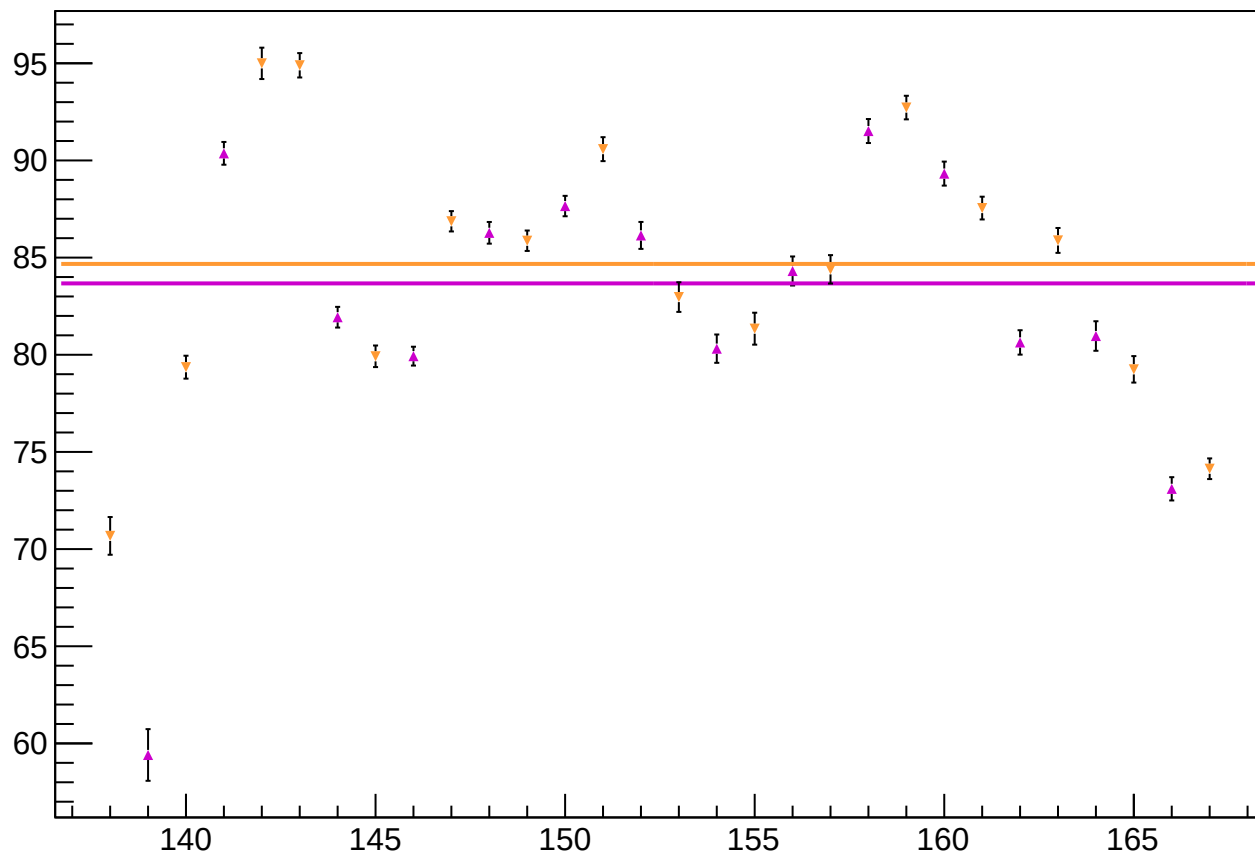
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.835+/-0.195 χ^2/NDF :3174.2/13

Out: -38.497+/-0.188 χ^2/NDF :2286.6/15

All: -38.660+/-0.136 χ^2/NDF : 5462.4/29

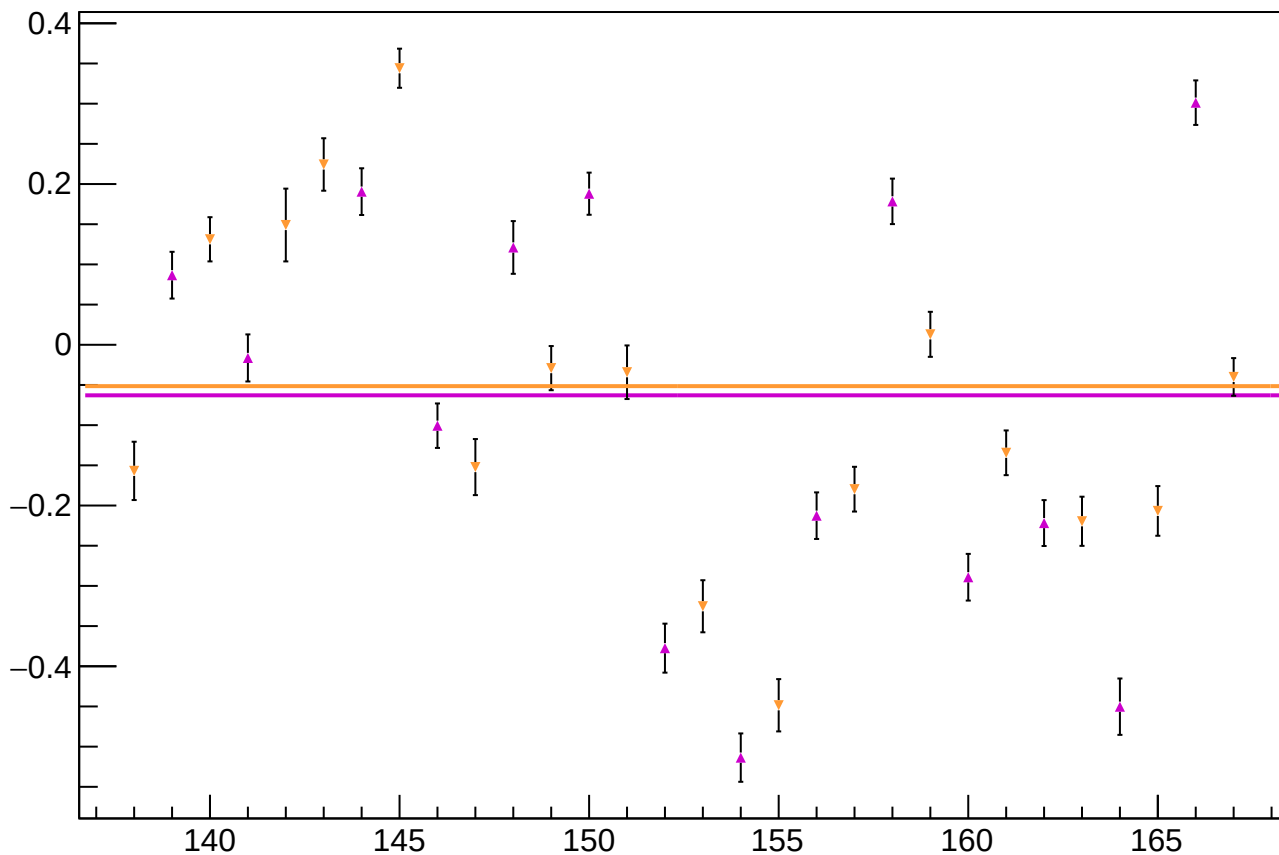
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 84.675 $\pm$ 0.158 χ^2 /NDF:1586.8/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 83.673 $\pm$ 0.166 χ^2 /NDF:1240.3/13

Left: 84.199 $\pm$ 0.115 χ^2 /NDF: 2846.1/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 83.673 $\pm$ 0.166 χ^2 /NDF:1240.3/13
 Out: 84.675 $\pm$ 0.158 χ^2 /NDF:1586.8/15
 All: 84.199 $\pm$ 0.115 χ^2 /NDF: 2846.1/29

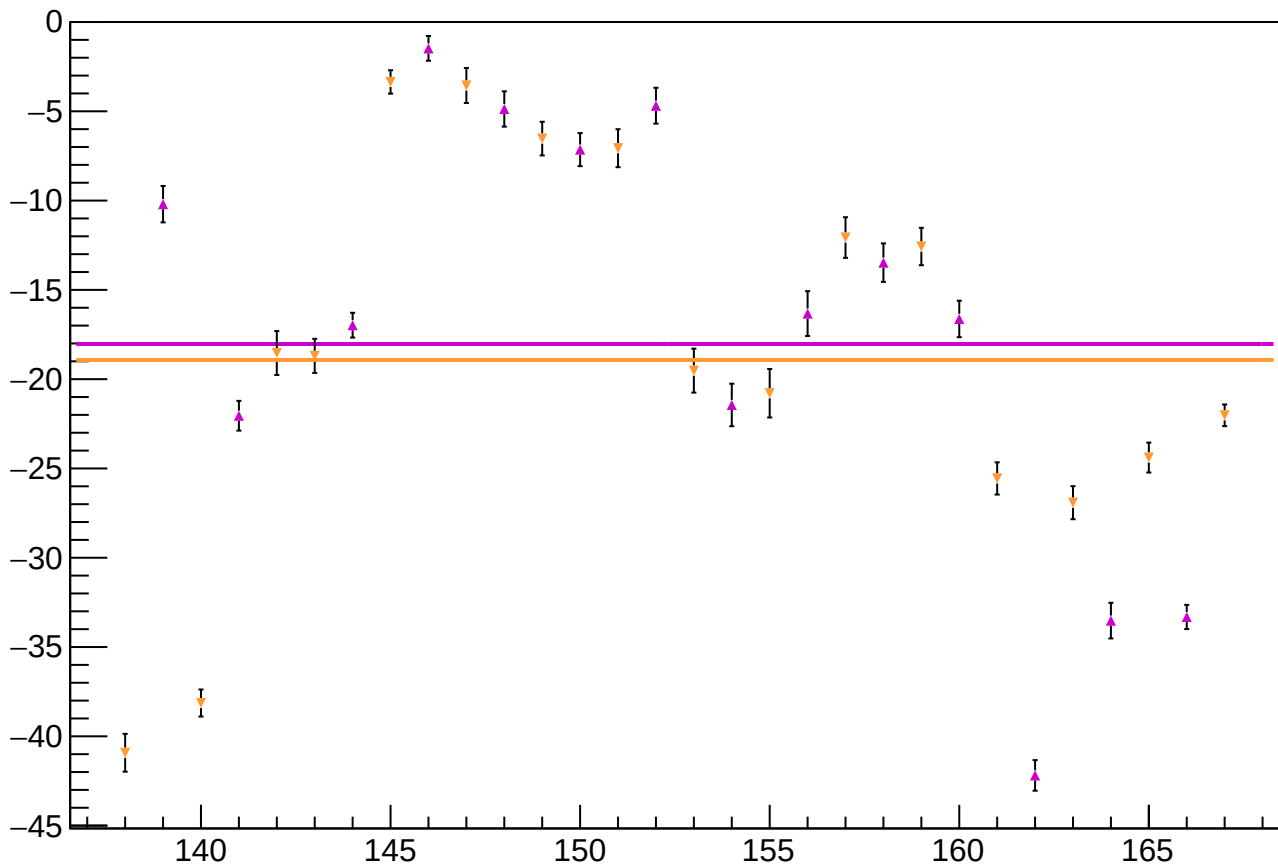
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.051 $\pm$ 0.007 χ^2 /NDF:728.3/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.063 $\pm$ 0.008 χ^2 /NDF:1046.6/13

Left: -0.057 $\pm$ 0.005 χ^2 /NDF: 1776.1/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.063 $\pm$ 0.008 χ^2 /NDF:1046.6/13
 Out: -0.051 $\pm$ 0.007 χ^2 /NDF:728.3/15
 All: -0.057 $\pm$ 0.005 χ^2 /NDF: 1776.1/29

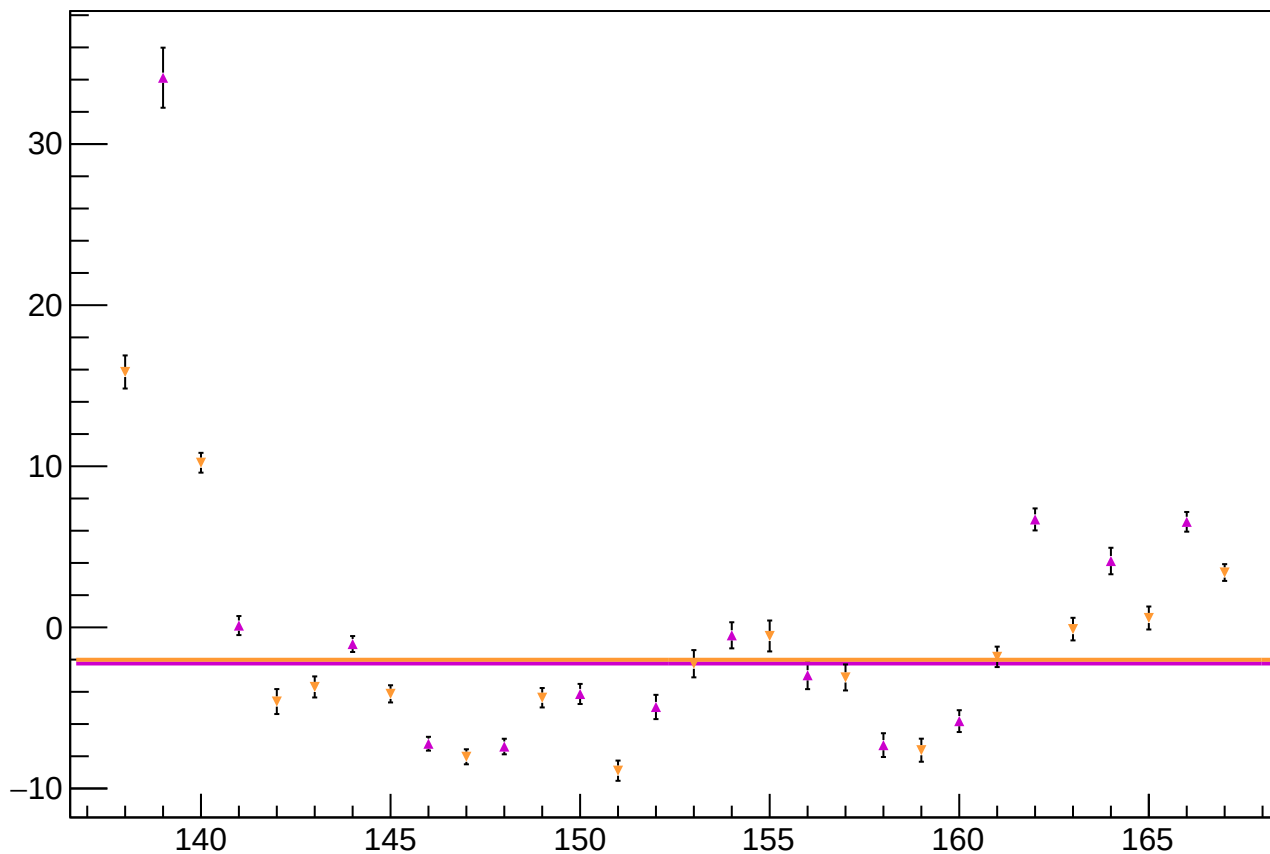
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -18.924 ± 0.228 χ^2/NDF : 2456.6/15
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -18.030 ± 0.239 χ^2/NDF : 2722.7/13

Left: -18.498 ± 0.165 χ^2/NDF : 5186.6/29
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -18.030 ± 0.239 χ^2/NDF : 2722.7/13
 Out: -18.924 ± 0.228 χ^2/NDF : 2456.6/15
 All: -18.498 ± 0.165 χ^2/NDF : 5186.6/29

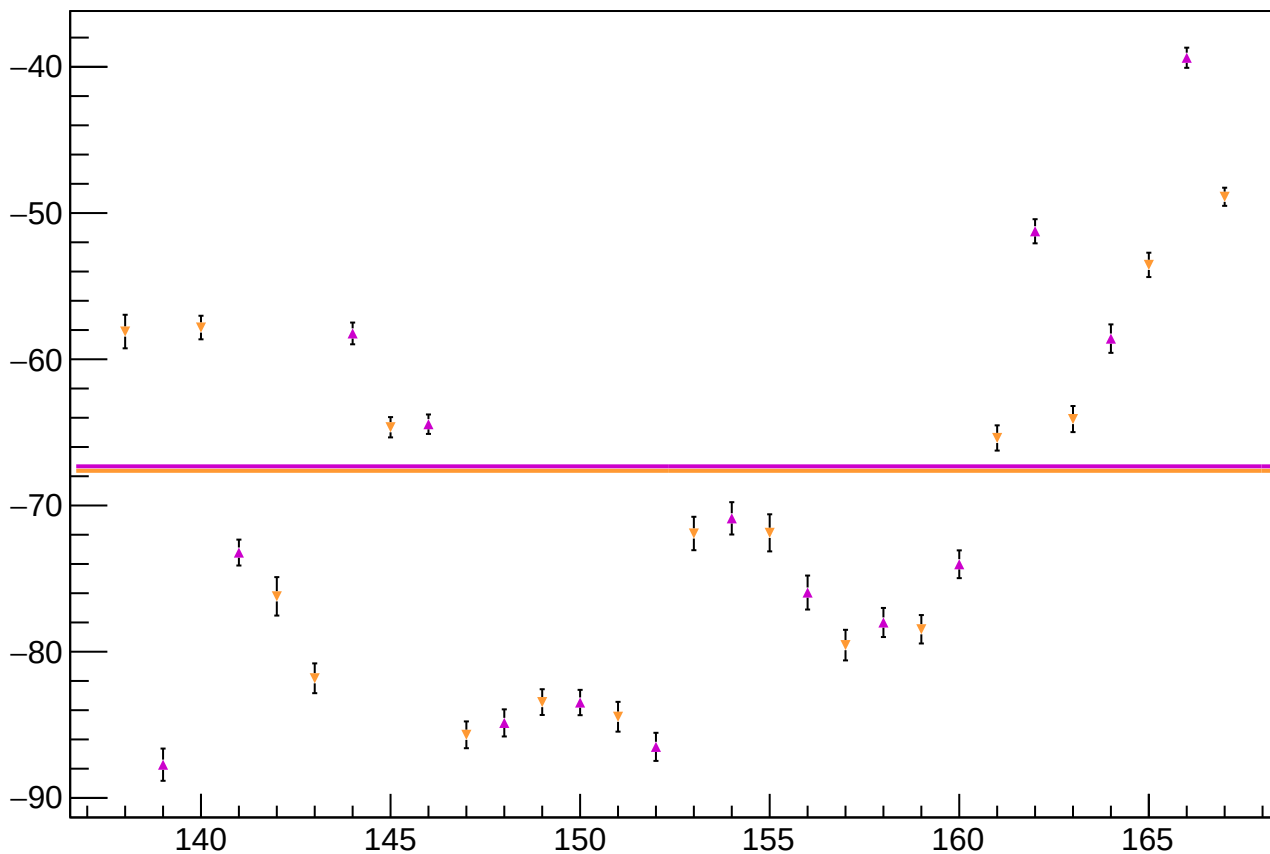
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -2.241+/-0.170 χ^2/NDF :1191.0/13

Left: -2.121+/-0.118 χ^2/NDF : 2421.4/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.241+/-0.170 χ^2/NDF :1191.0/13
 Out: -2.009+/-0.164 χ^2/NDF :1229.4/15
 All: -2.121+/-0.118 χ^2/NDF : 2421.4/29

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: -67.323+/-0.235 χ^2/NDF :3992.3/13

Left: -67.481+/-0.163 χ^2/NDF : 6949.0/29

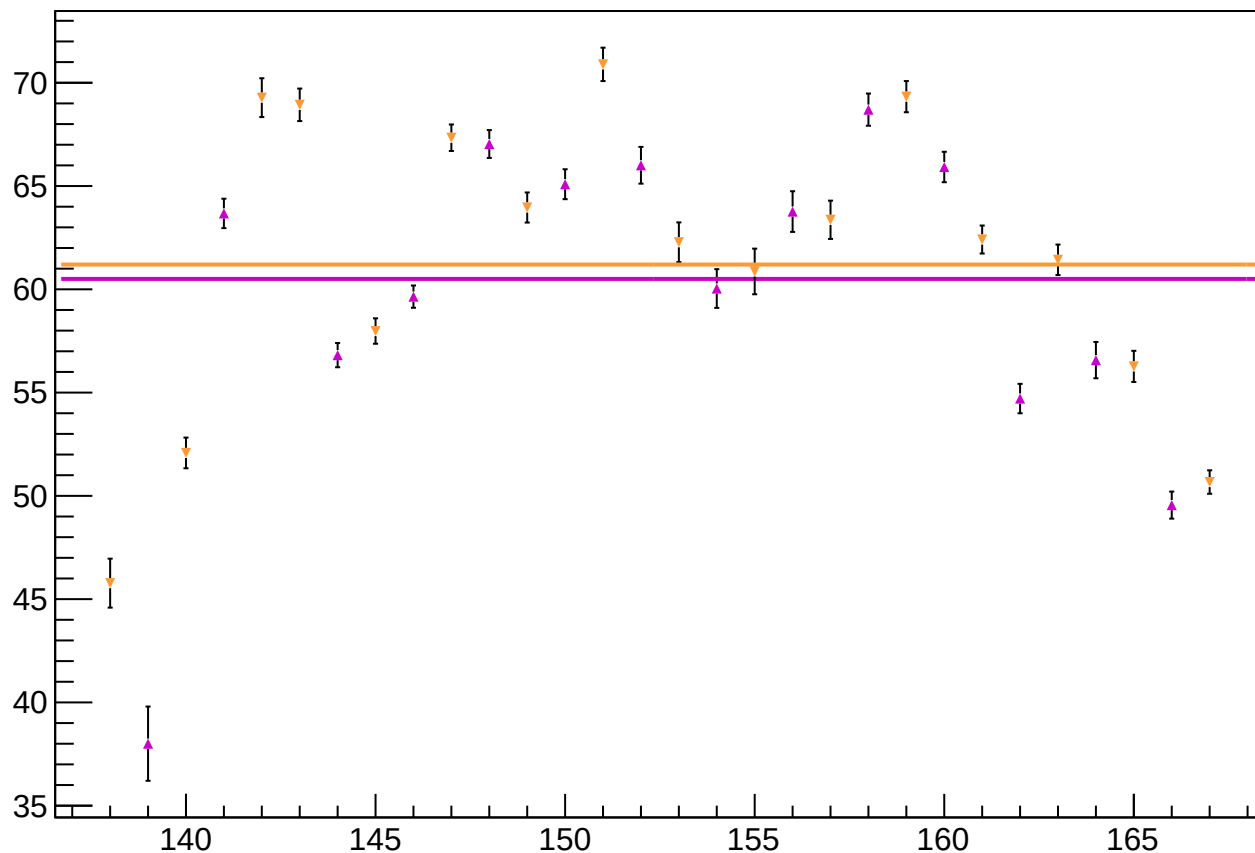
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.323+/-0.235 χ^2/NDF :3992.3/13

Out: -67.628+/-0.227 χ^2/NDF :2955.9/15

All: -67.481+/-0.163 χ^2/NDF : 6949.0/29

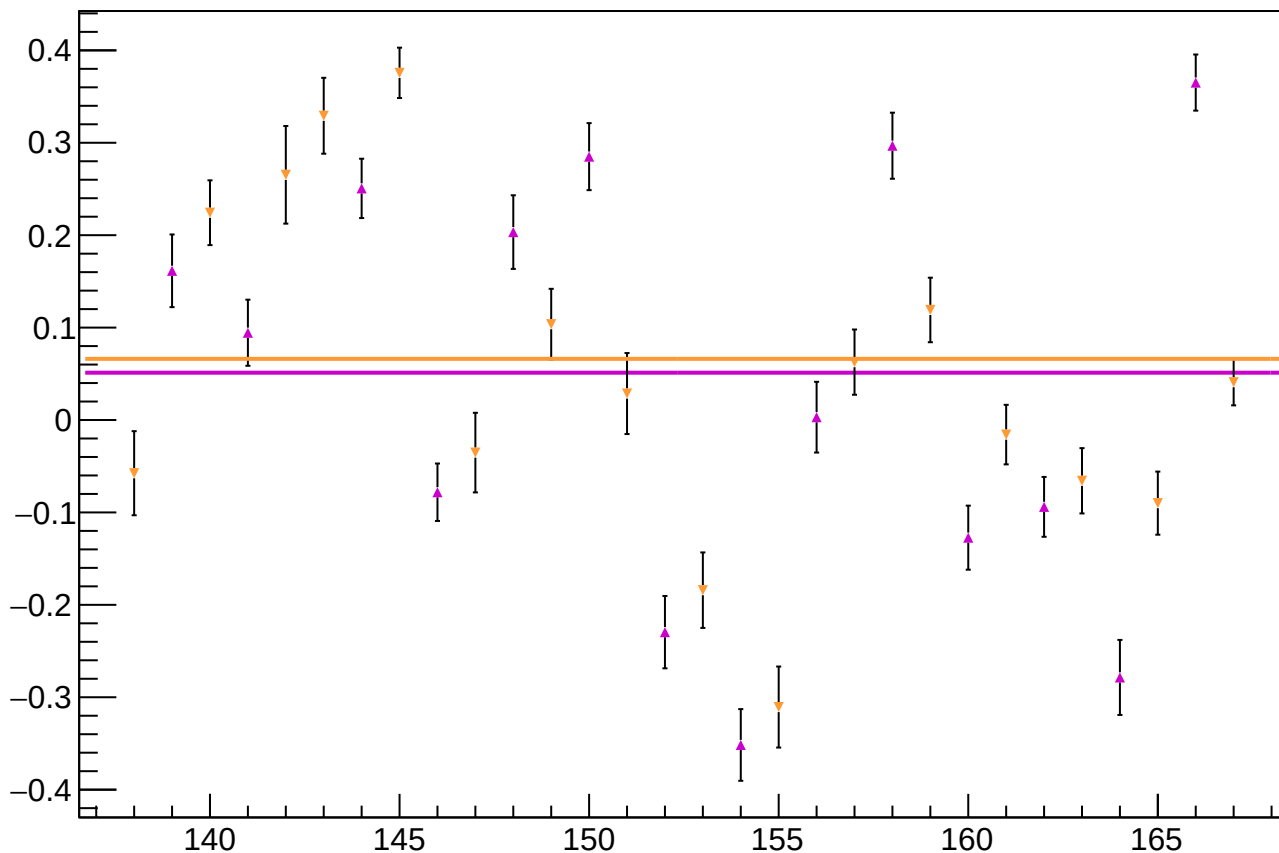
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 60.503+/-0.199 χ^2/NDF :932.2/13

Left: 60.866+/-0.138 χ^2/NDF : 2218.3/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.503+/-0.199 χ^2/NDF :932.2/13
 Out: 61.200+/-0.191 χ^2/NDF :1279.7/15
 All: 60.866+/-0.138 χ^2/NDF : 2218.3/29

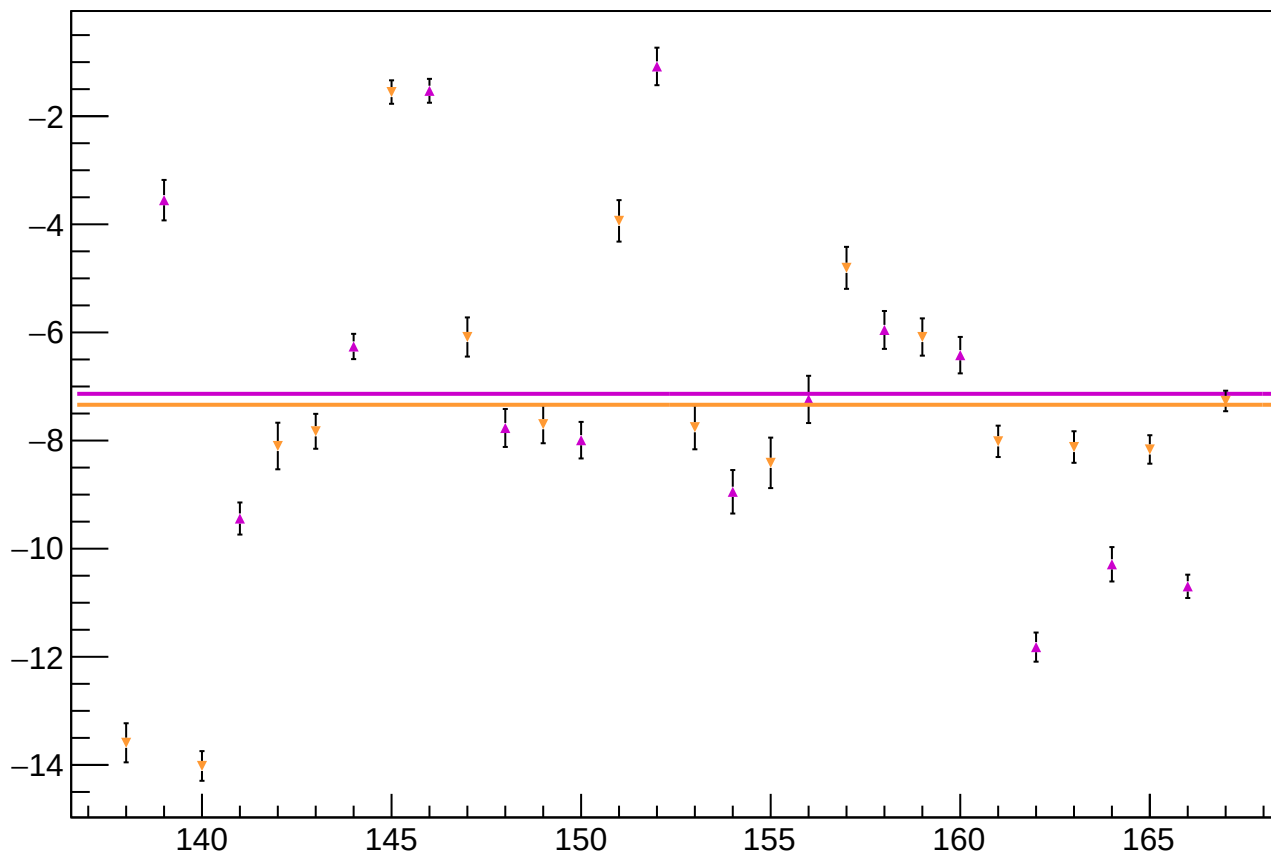
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13

Left: 0.059 $\pm$ 0.007 χ^2 /NDF: 925.6/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.051 $\pm$ 0.009 χ^2 /NDF:548.9/13
 Out: 0.066 $\pm$ 0.009 χ^2 /NDF:375.3/15
 All: 0.059 $\pm$ 0.007 χ^2 /NDF: 925.6/29

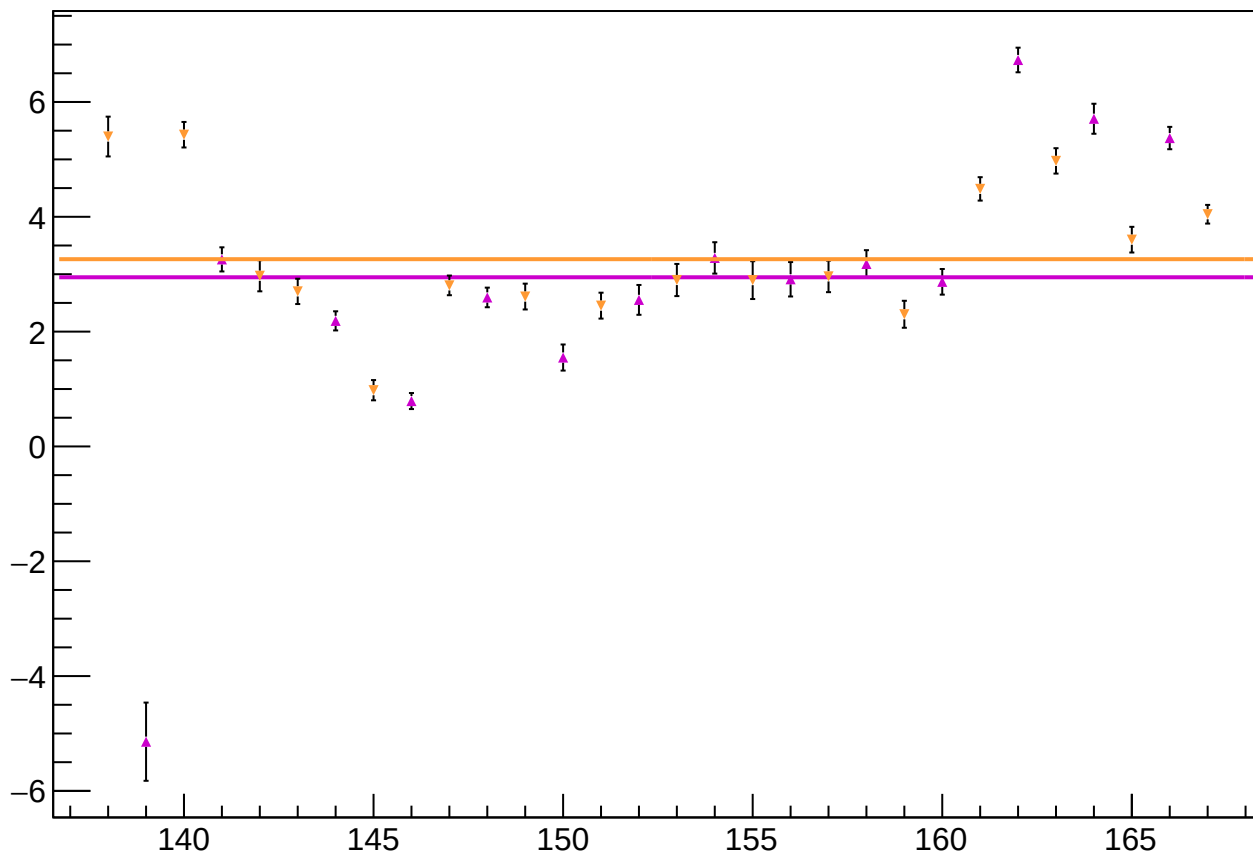
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -7.136+/-0.080 χ^2/NDF :1833.2/13

Left: -7.241+/-0.055 χ^2/NDF : 3619.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.136+/-0.080 χ^2/NDF :1833.2/13
 Out: -7.338+/-0.076 χ^2/NDF :1783.2/15
 All: -7.241+/-0.055 χ^2/NDF : 3619.8/29

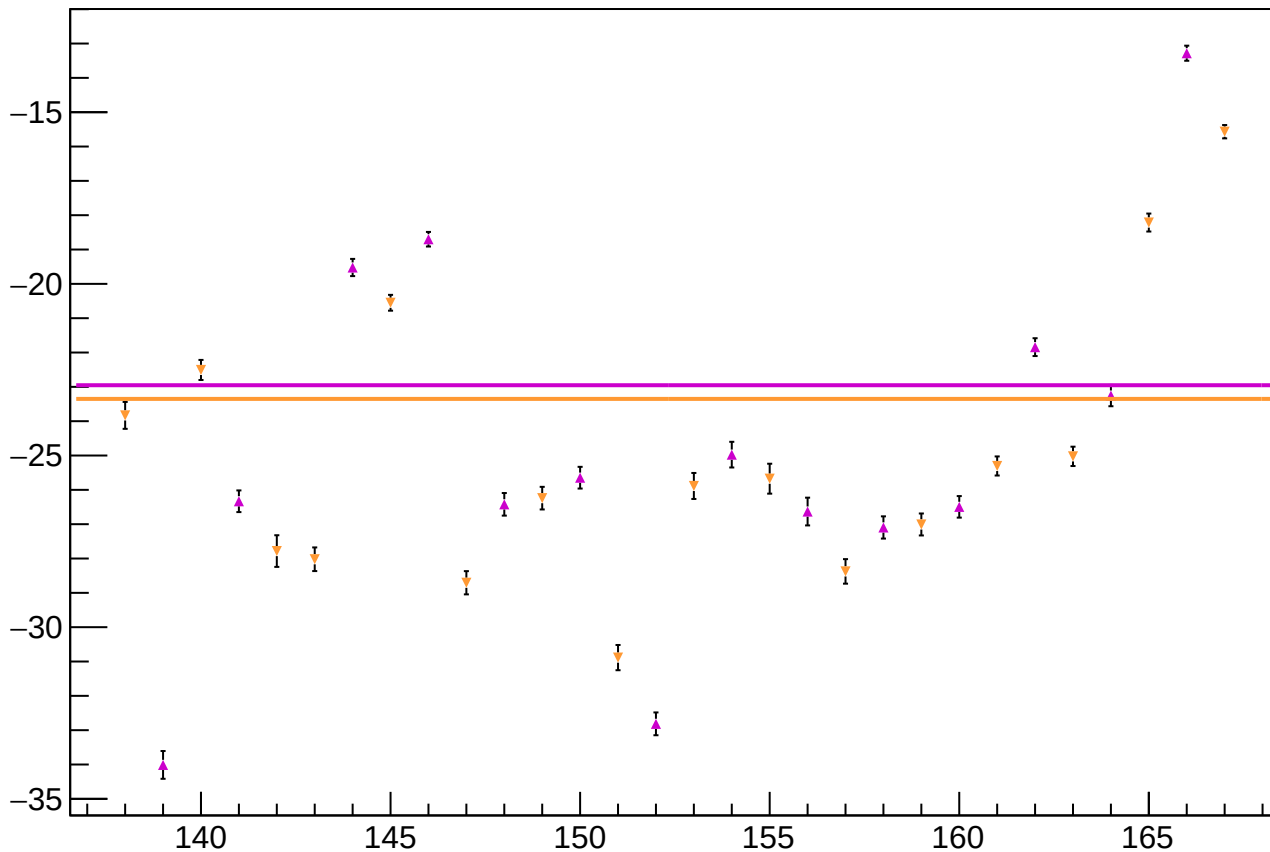
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.947 +/- 0.057 χ^2/NDF : 1027.6/13

Left: 3.109 +/- 0.040 χ^2/NDF : 1522.1/29
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: 2.947 +/- 0.057 χ^2/NDF : 1027.6/13
 Out: 3.262 +/- 0.056 χ^2/NDF : 478.9/15
 All: 3.109 +/- 0.040 χ^2/NDF : 1522.1/29

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: -22.952+/-0.079 χ^2/NDF : 4874.7/13

Left: -23.158+/-0.055 χ^2/NDF : 8547.8/29

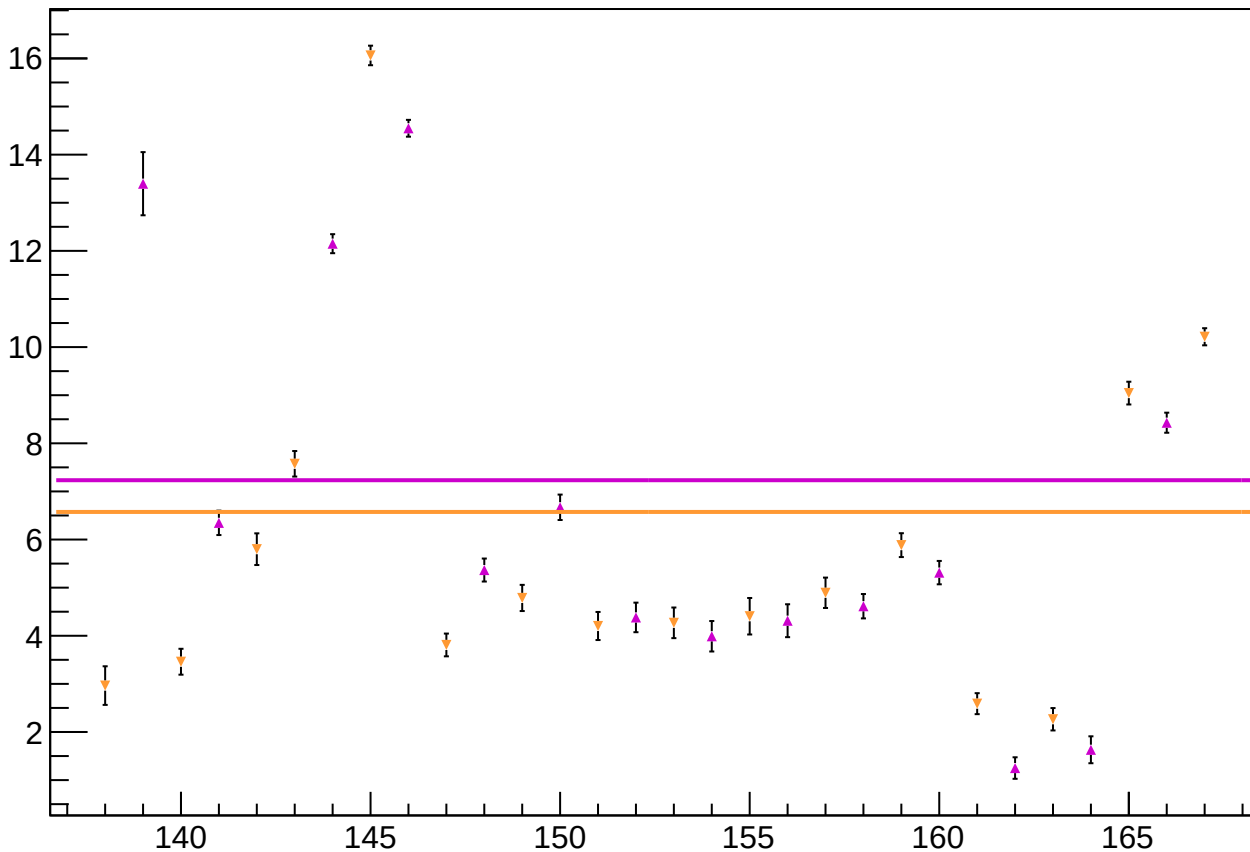
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.952+/-0.079 χ^2/NDF : 4874.7/13

Out: -23.351+/-0.076 χ^2/NDF : 3659.8/15

All: -23.158+/-0.055 χ^2/NDF : 8547.8/29

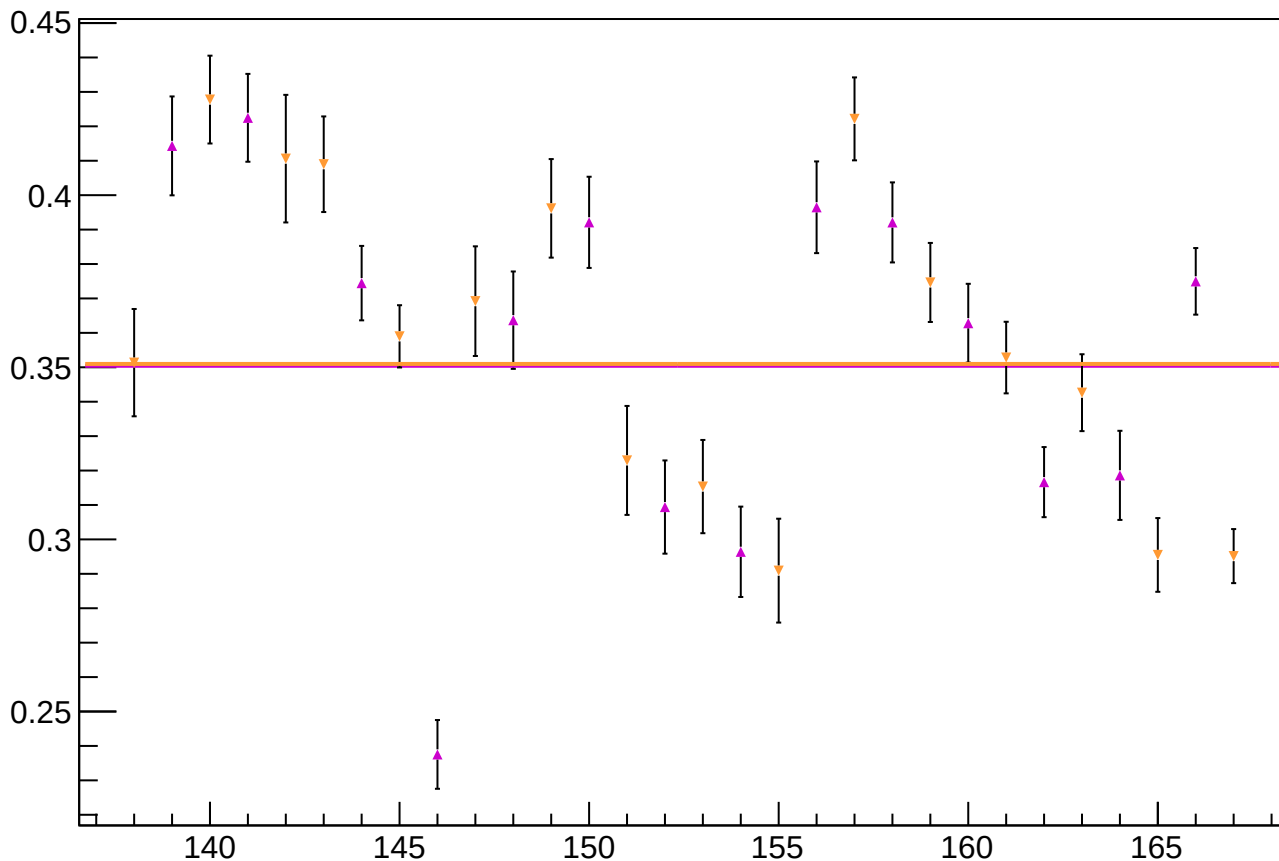
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 7.233+/-0.067 χ^2/NDF :4117.7/13

Left: 6.891+/-0.046 χ^2/NDF : 8155.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.233+/-0.067 χ^2/NDF :4117.7/13
 Out: 6.574+/-0.064 χ^2/NDF :3986.5/15
 All: 6.891+/-0.046 χ^2/NDF : 8155.0/29

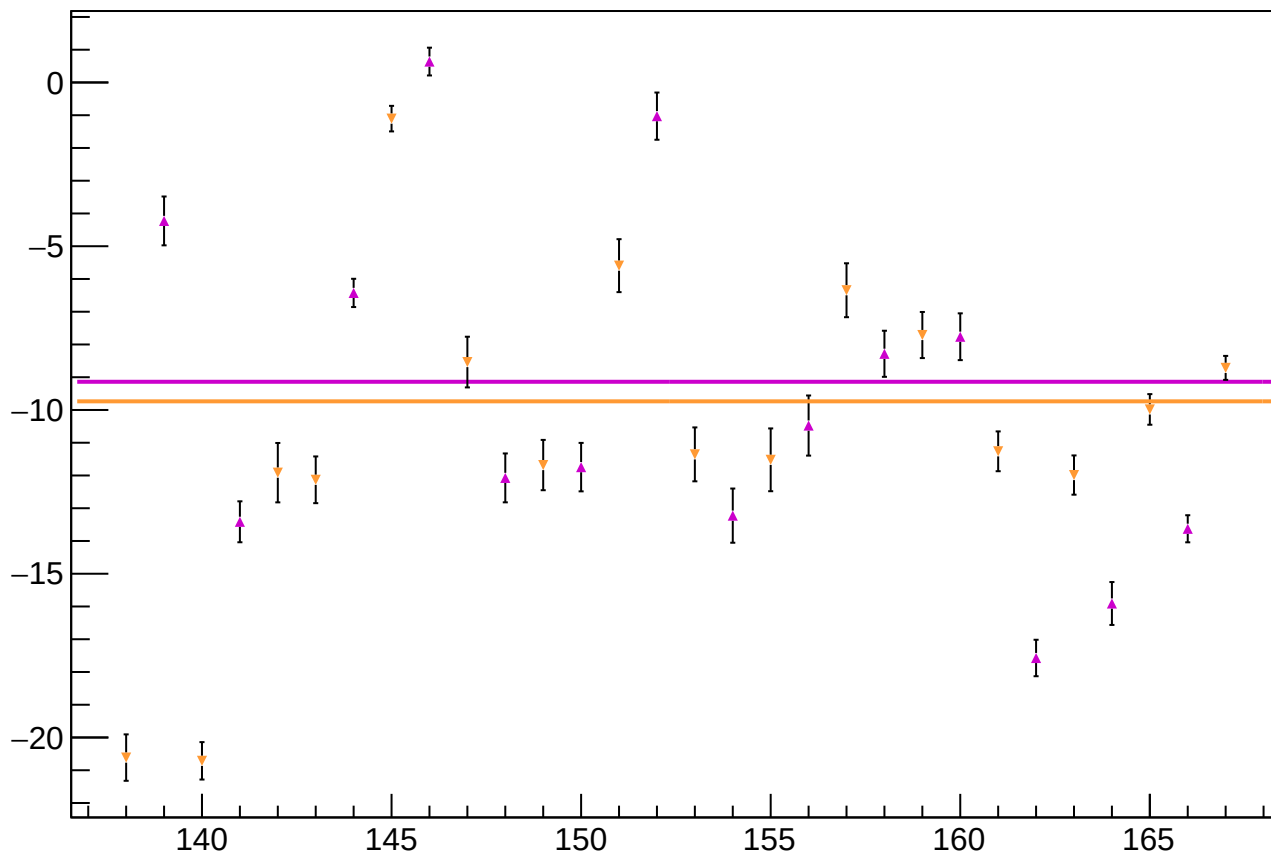
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.350 $\pm$ 0.003 χ^2 /NDF:270.7/13

Left: 0.351 $\pm$ 0.002 χ^2 /NDF: 489.9/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.350 $\pm$ 0.003 χ^2 /NDF:270.7/13
 Out: 0.351 $\pm$ 0.003 χ^2 /NDF:219.2/15
 All: 0.351 $\pm$ 0.002 χ^2 /NDF: 489.9/29

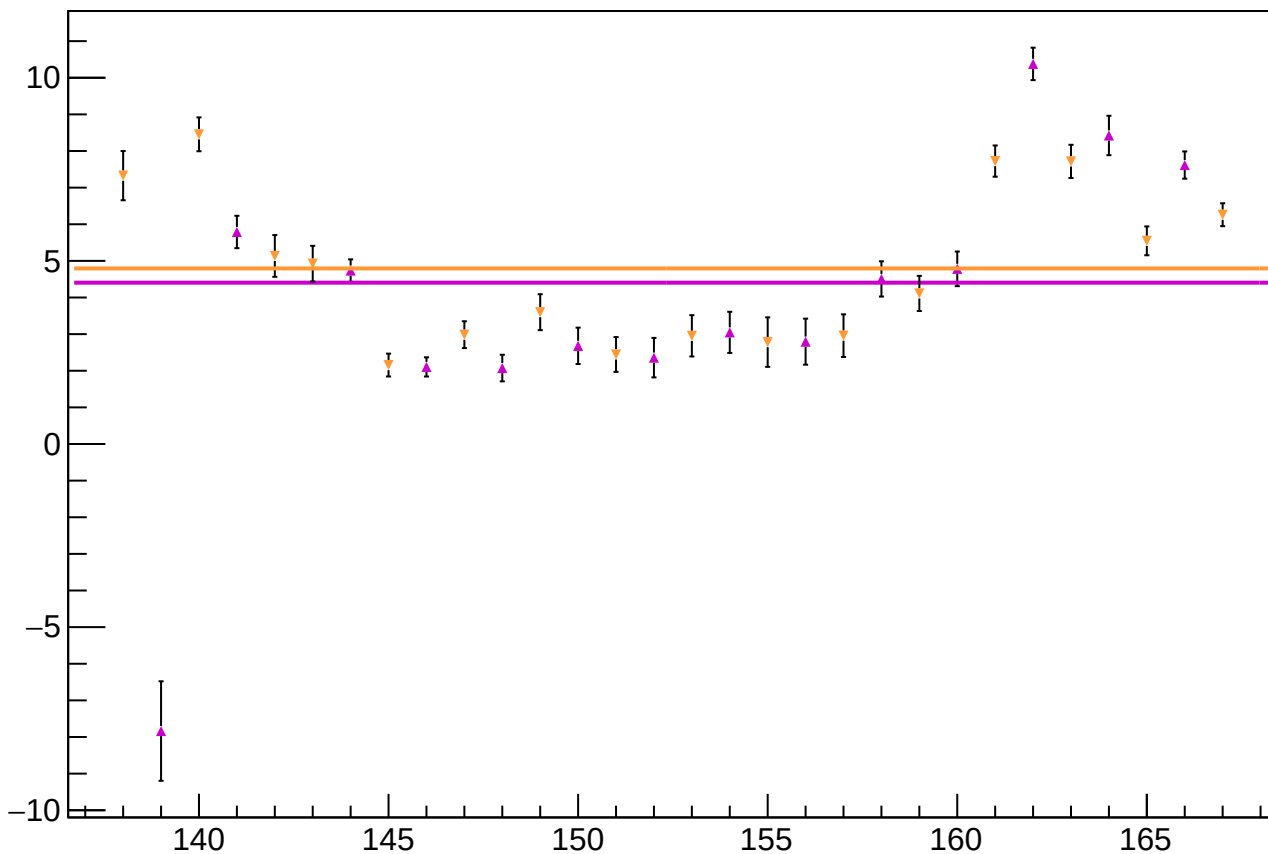
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -9.139 $\pm$ 0.160 χ^2 /NDF:1301.2/13

Left: -9.454 $\pm$ 0.110 χ^2 /NDF: 2516.0/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -9.139 $\pm$ 0.160 χ^2 /NDF:1301.2/13
 Out: -9.736 $\pm$ 0.152 χ^2 /NDF:1207.5/15
 All: -9.454 $\pm$ 0.110 χ^2 /NDF: 2516.0/29

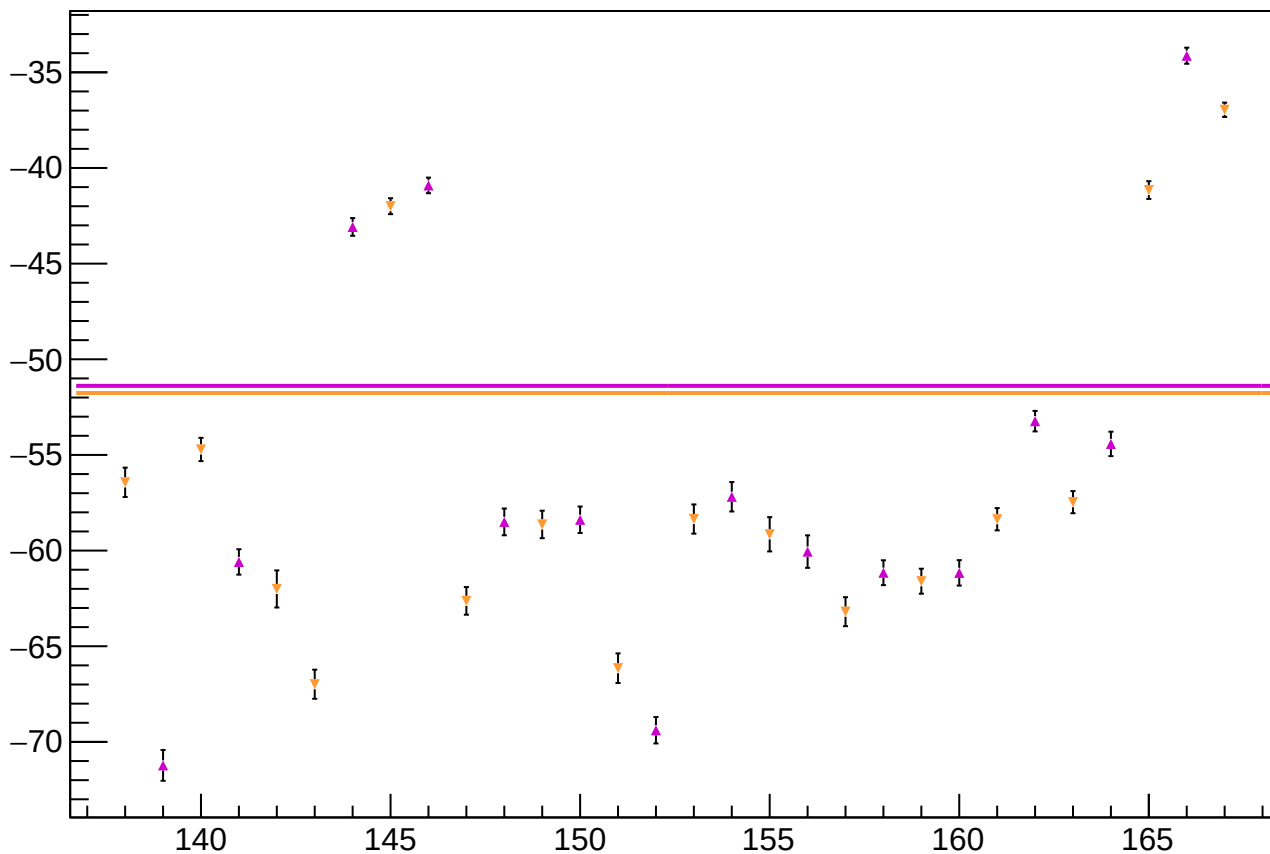
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13

Left: 4.605 $\pm$ 0.080 χ^2 /NDF: 917.7/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.405 $\pm$ 0.115 χ^2 /NDF:562.2/13
 Out: 4.794 $\pm$ 0.112 χ^2 /NDF:349.6/15
 All: 4.605 $\pm$ 0.080 χ^2 /NDF: 917.7/29

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: -51.388+/-0.158 χ^2/NDF : 4988.6/13

Left: -51.582+/-0.110 χ^2/NDF : 9687.1/29

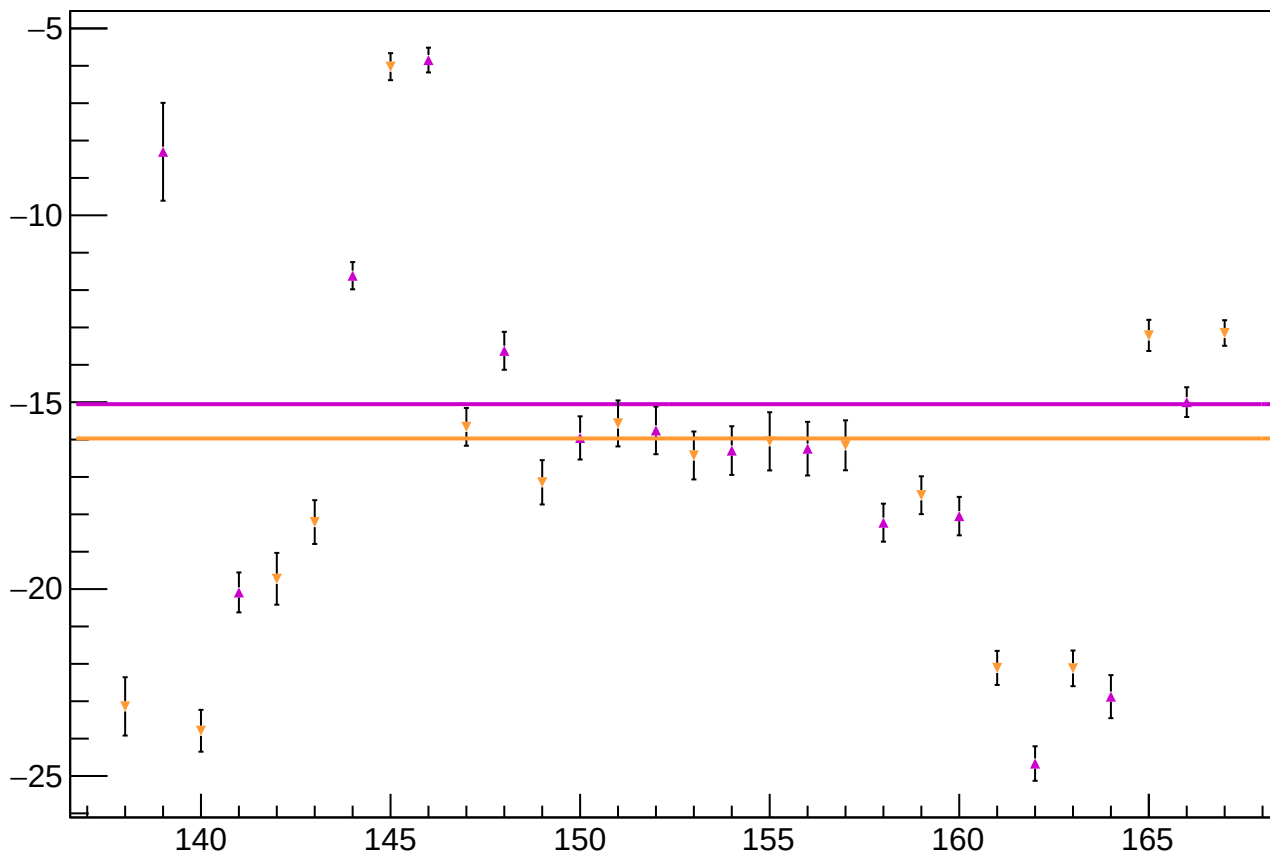
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.388+/-0.158 χ^2/NDF : 4988.6/13

Out: -51.762+/-0.152 χ^2/NDF : 4695.5/15

All: -51.582+/-0.110 χ^2/NDF : 9687.1/29

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.970+/-0.128 χ^2/NDF :1556.4/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.052+/-0.134 χ^2/NDF :1686.2/13

Left: -15.529+/-0.093 χ^2/NDF : 3267.1/29

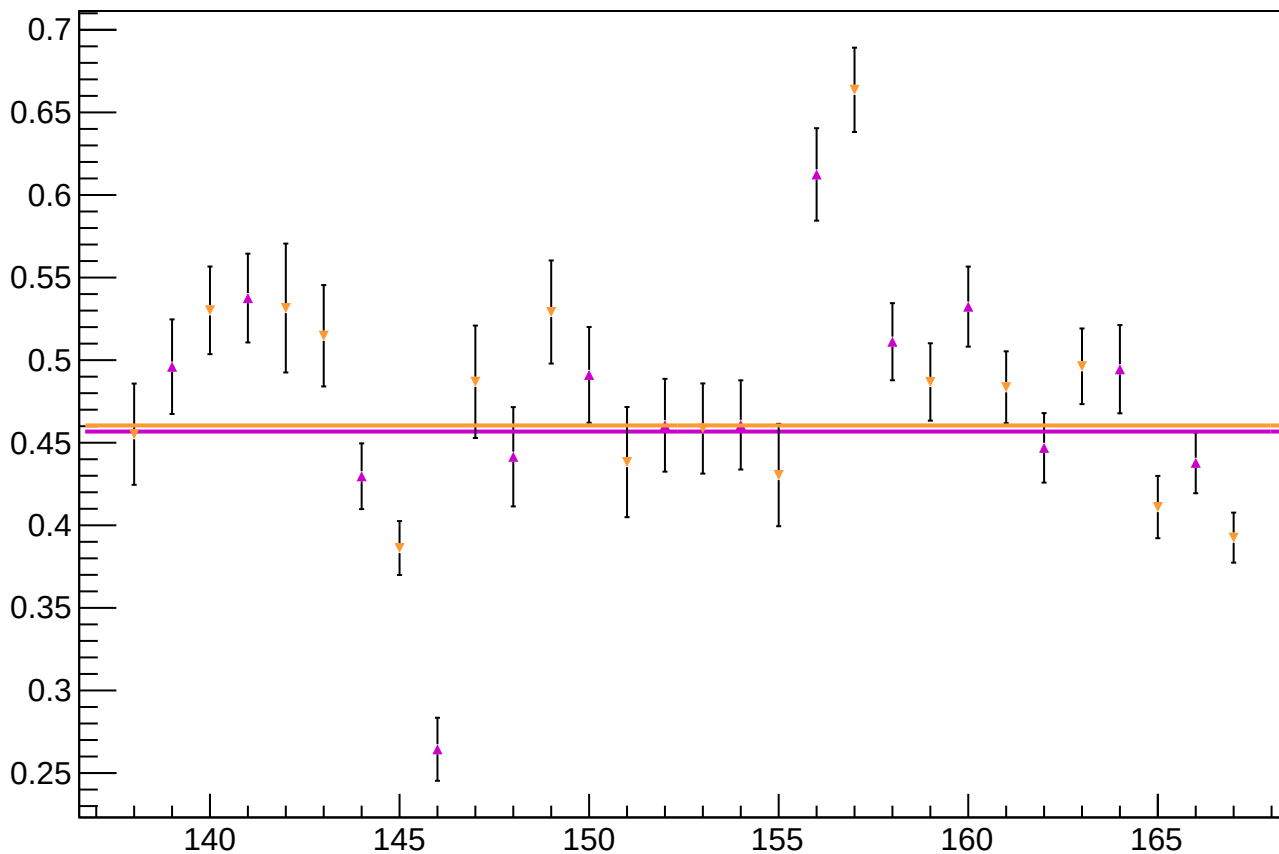
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.052+/-0.134 χ^2/NDF :1686.2/13

Out: -15.970+/-0.128 χ^2/NDF :1556.4/15

All: -15.529+/-0.093 χ^2/NDF : 3267.1/29

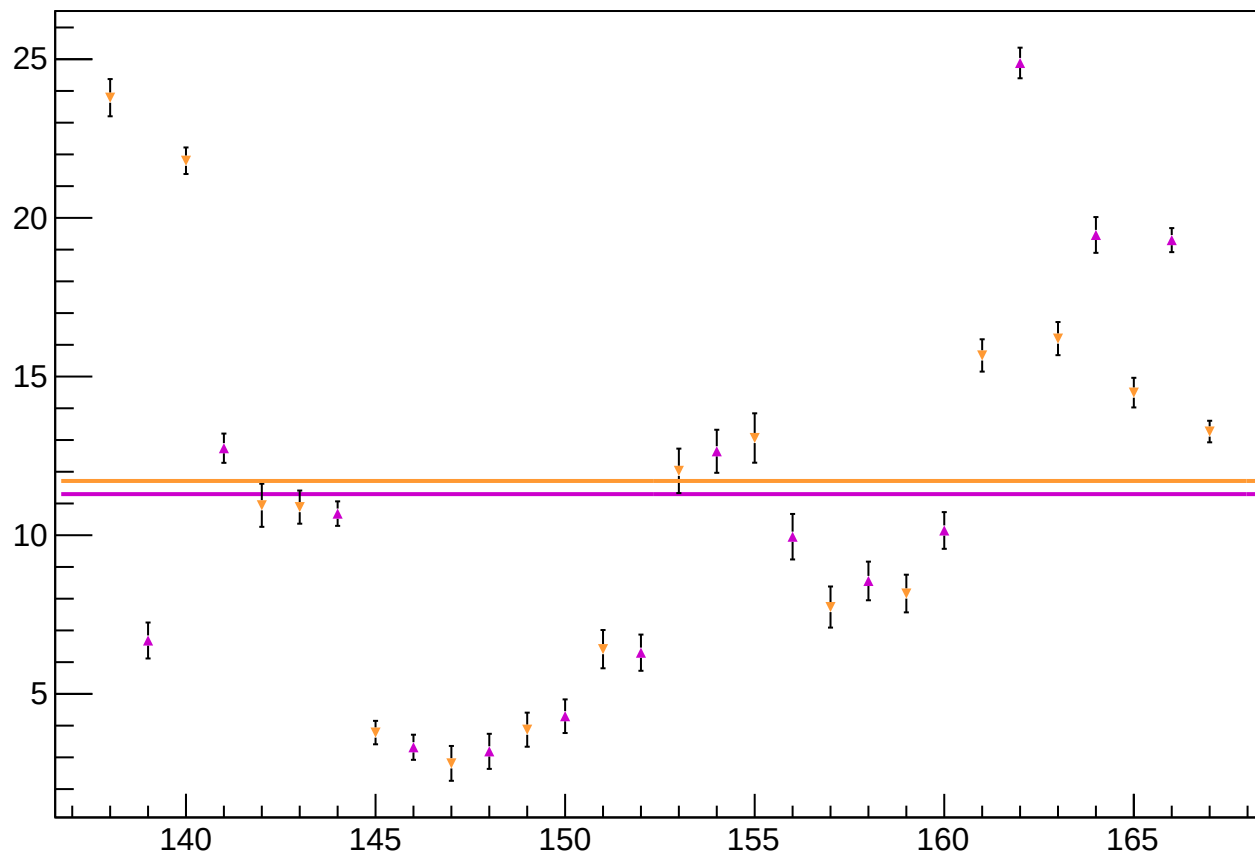
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13

Left: 0.459 $\pm$ 0.004 χ^2 /NDF: 301.7/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.457 $\pm$ 0.006 χ^2 /NDF:165.5/13
 Out: 0.460 $\pm$ 0.006 χ^2 /NDF:136.1/15
 All: 0.459 $\pm$ 0.004 χ^2 /NDF: 301.7/29

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: 11.295+/-0.135 χ^2/NDF :2433.3/13

Left: 11.513+/-0.093 χ^2/NDF : 4728.8/29

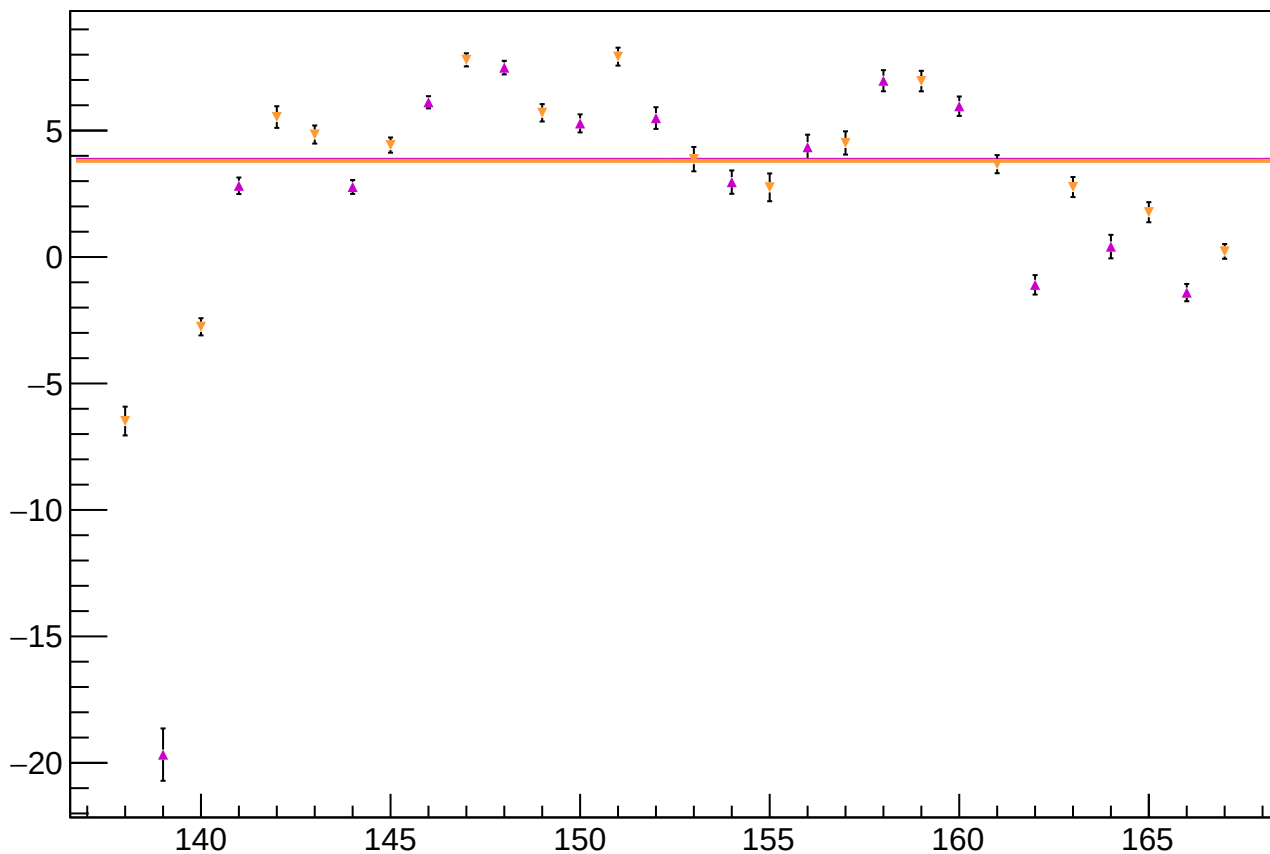
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.295+/-0.135 χ^2/NDF :2433.3/13

Out: 11.710+/-0.128 χ^2/NDF :2290.5/15

All: 11.513+/-0.093 χ^2/NDF : 4728.8/29

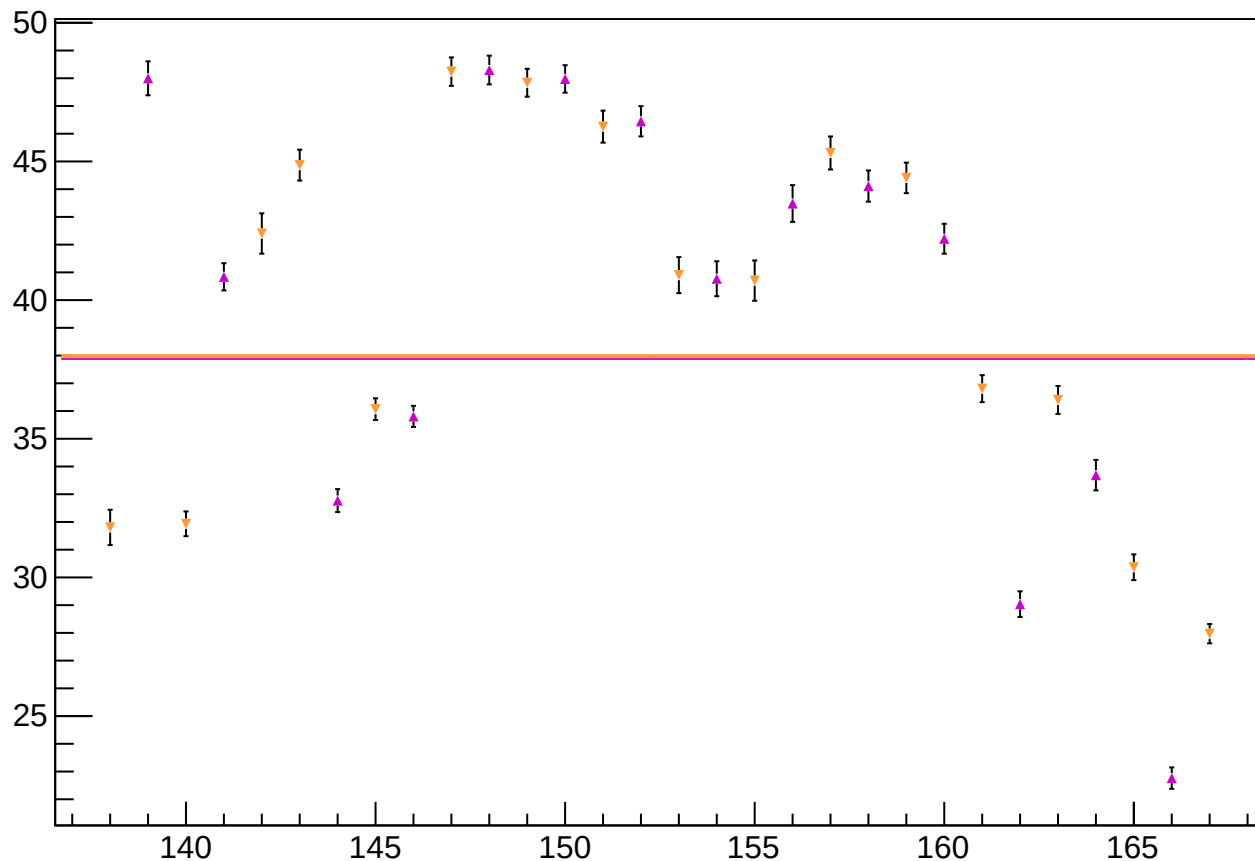
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 3.842 $\pm$ 0.096 χ^2 /NDF:1390.5/13

Left: 3.822 $\pm$ 0.066 χ^2 /NDF: 2770.0/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.842 $\pm$ 0.096 χ^2 /NDF:1390.5/13
 Out: 3.802 $\pm$ 0.092 χ^2 /NDF:1379.5/15
 All: 3.822 $\pm$ 0.066 χ^2 /NDF: 2770.0/29

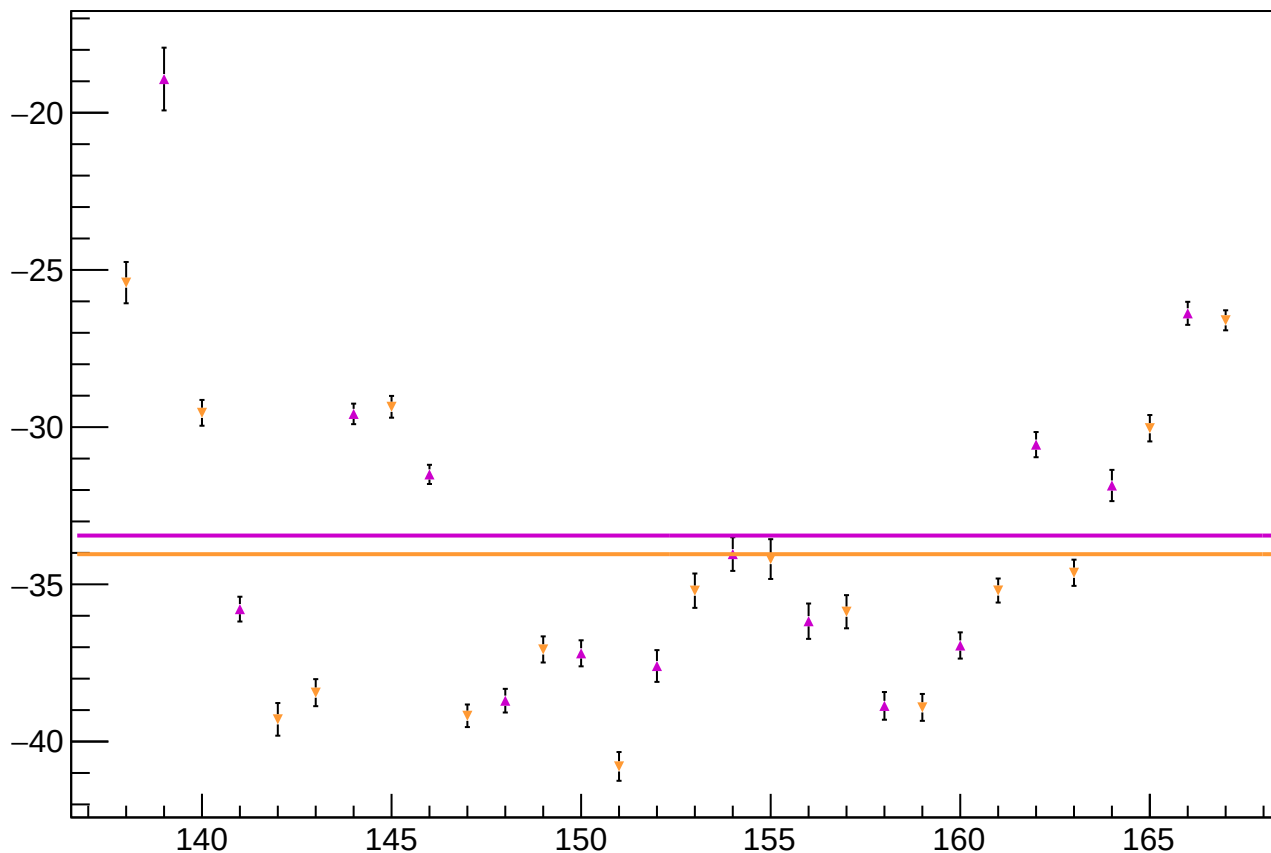
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 37.979 $\pm$ 0.128 χ^2 /NDF:2919.0/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 37.915 $\pm$ 0.133 χ^2 /NDF:3793.9/13

Left: 37.948 $\pm$ 0.092 χ^2 /NDF: 6713.0/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 37.915 $\pm$ 0.133 χ^2 /NDF:3793.9/13
 Out: 37.979 $\pm$ 0.128 χ^2 /NDF:2919.0/15
 All: 37.948 $\pm$ 0.092 χ^2 /NDF: 6713.0/29

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: -33.449 ± 0.112 χ^2/NDF : 1452.3/13

Left: -33.758 ± 0.077 χ^2/NDF : 3419.6/29

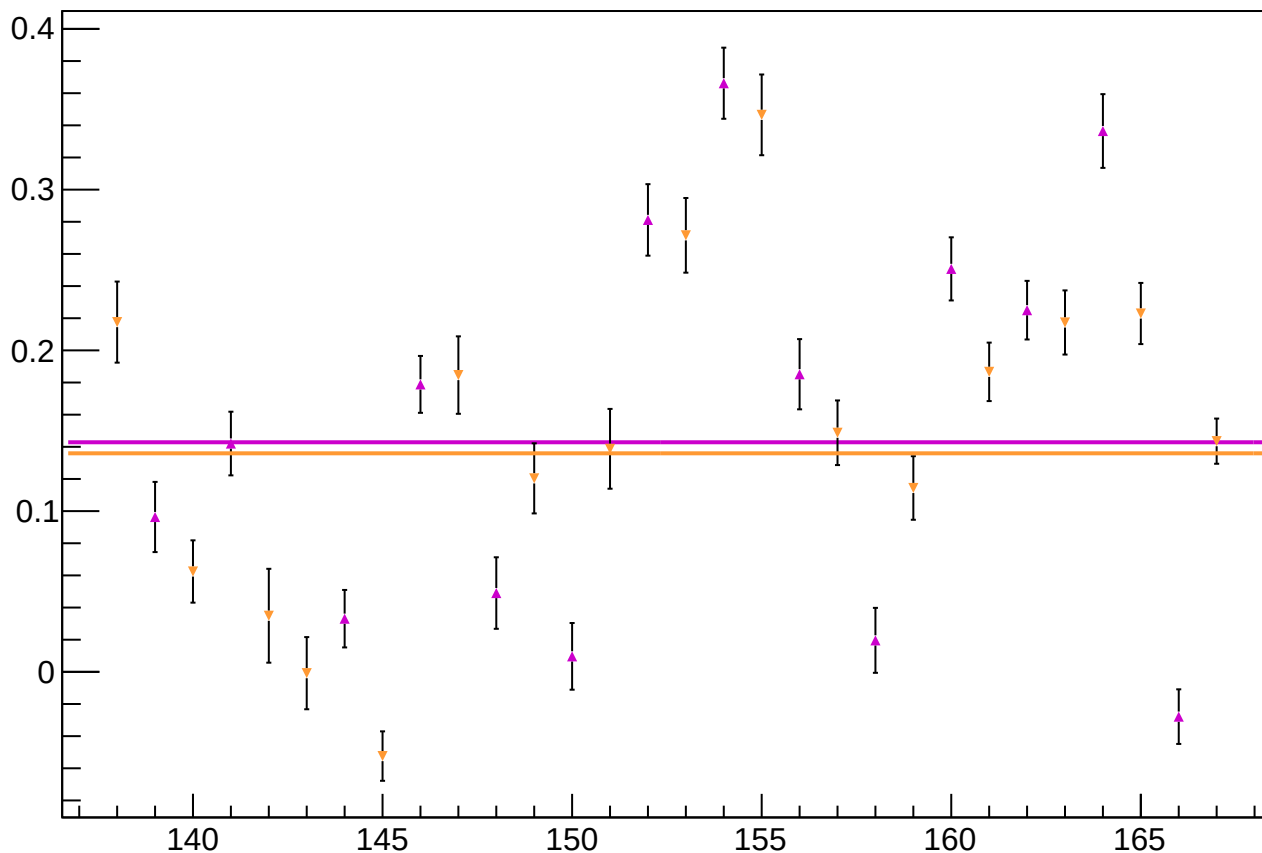
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -33.449 ± 0.112 χ^2/NDF : 1452.3/13

Out: -34.041 ± 0.107 χ^2/NDF : 1952.7/15

All: -33.758 ± 0.077 χ^2/NDF : 3419.6/29

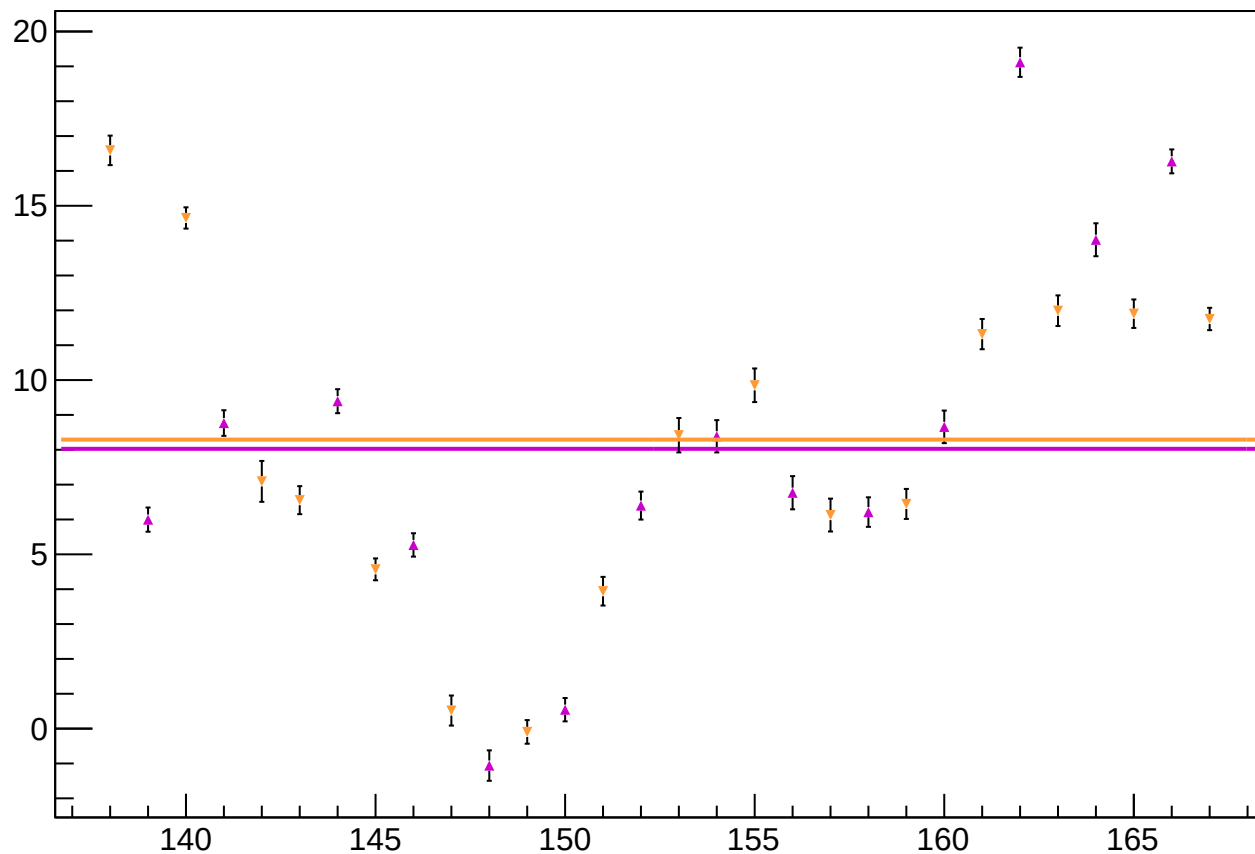
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13

Left: 0.139 $\pm$ 0.004 χ^2 /NDF: 890.6/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.143 $\pm$ 0.005 χ^2 /NDF:509.6/13
 Out: 0.136 $\pm$ 0.005 χ^2 /NDF:380.1/15
 All: 0.139 $\pm$ 0.004 χ^2 /NDF: 890.6/29

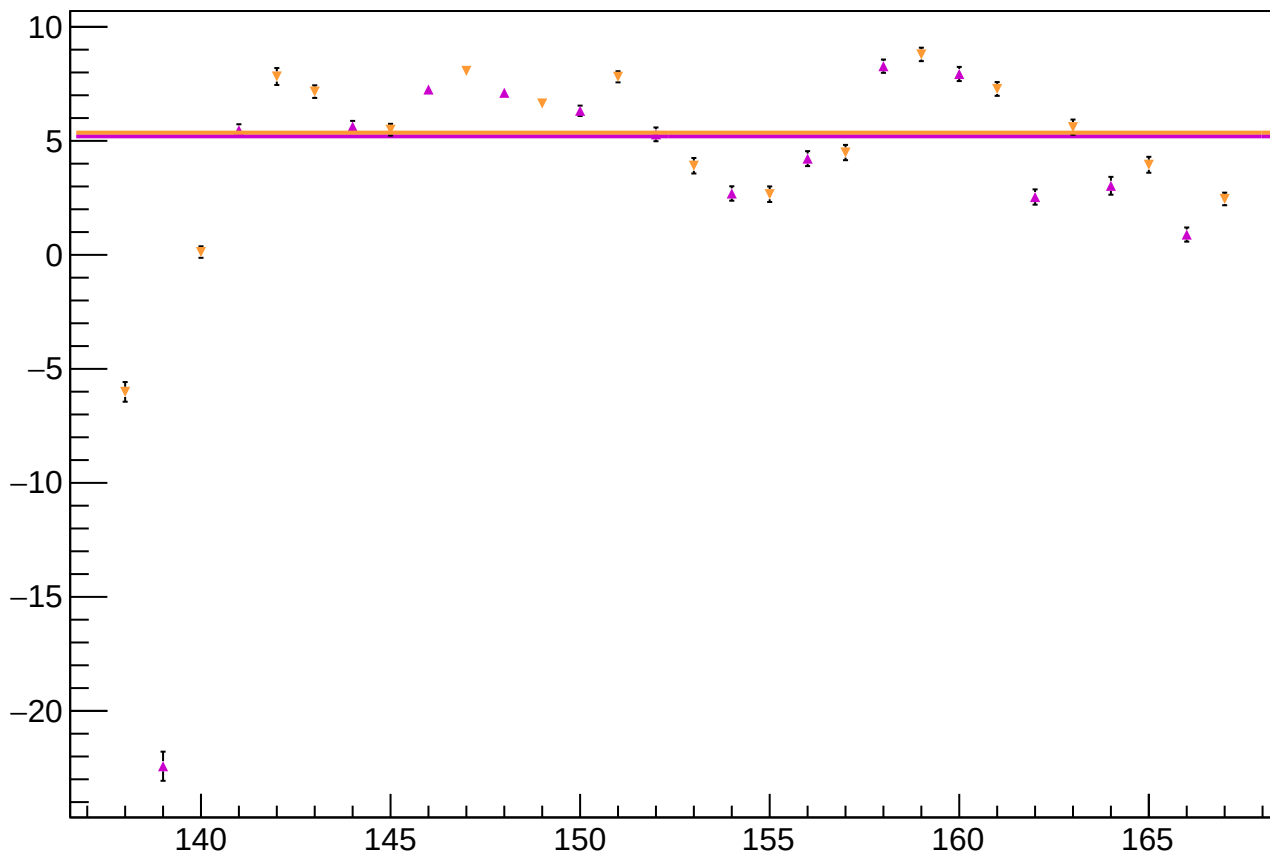
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.292 $\pm$ 0.100 χ^2 /NDF:2393.8/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.027 $\pm$ 0.105 χ^2 /NDF:2535.1/13

Left: 8.166 $\pm$ 0.072 χ^2 /NDF: 4932.2/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.027 $\pm$ 0.105 χ^2 /NDF:2535.1/13
 Out: 8.292 $\pm$ 0.100 χ^2 /NDF:2393.8/15
 All: 8.166 $\pm$ 0.072 χ^2 /NDF: 4932.2/29

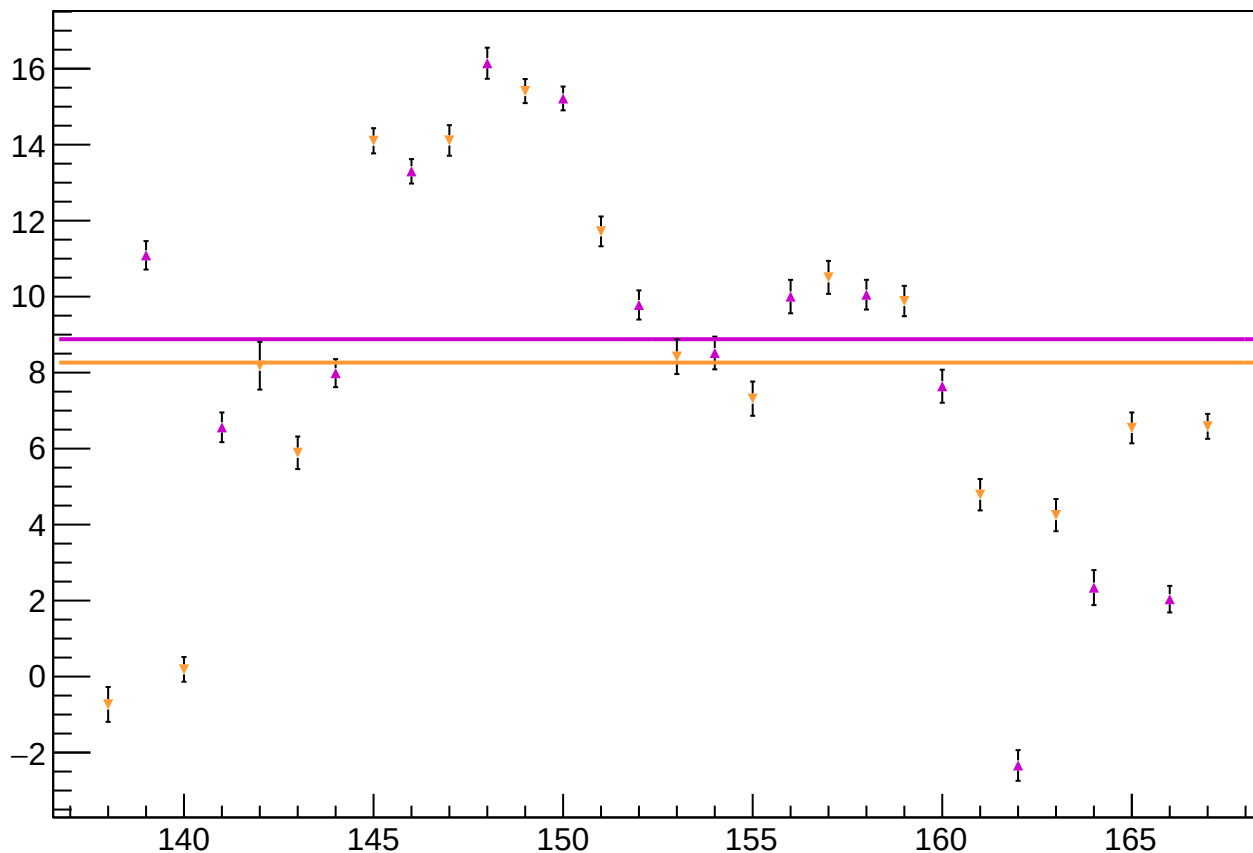
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 5.199 $\pm$ 0.076 χ^2 /NDF:2614.9/13

Left: 5.285 $\pm$ 0.052 χ^2 /NDF: 4523.0/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.199 $\pm$ 0.076 χ^2 /NDF:2614.9/13
 Out: 5.361 $\pm$ 0.071 χ^2 /NDF:1905.7/15
 All: 5.285 $\pm$ 0.052 χ^2 /NDF: 4523.0/29

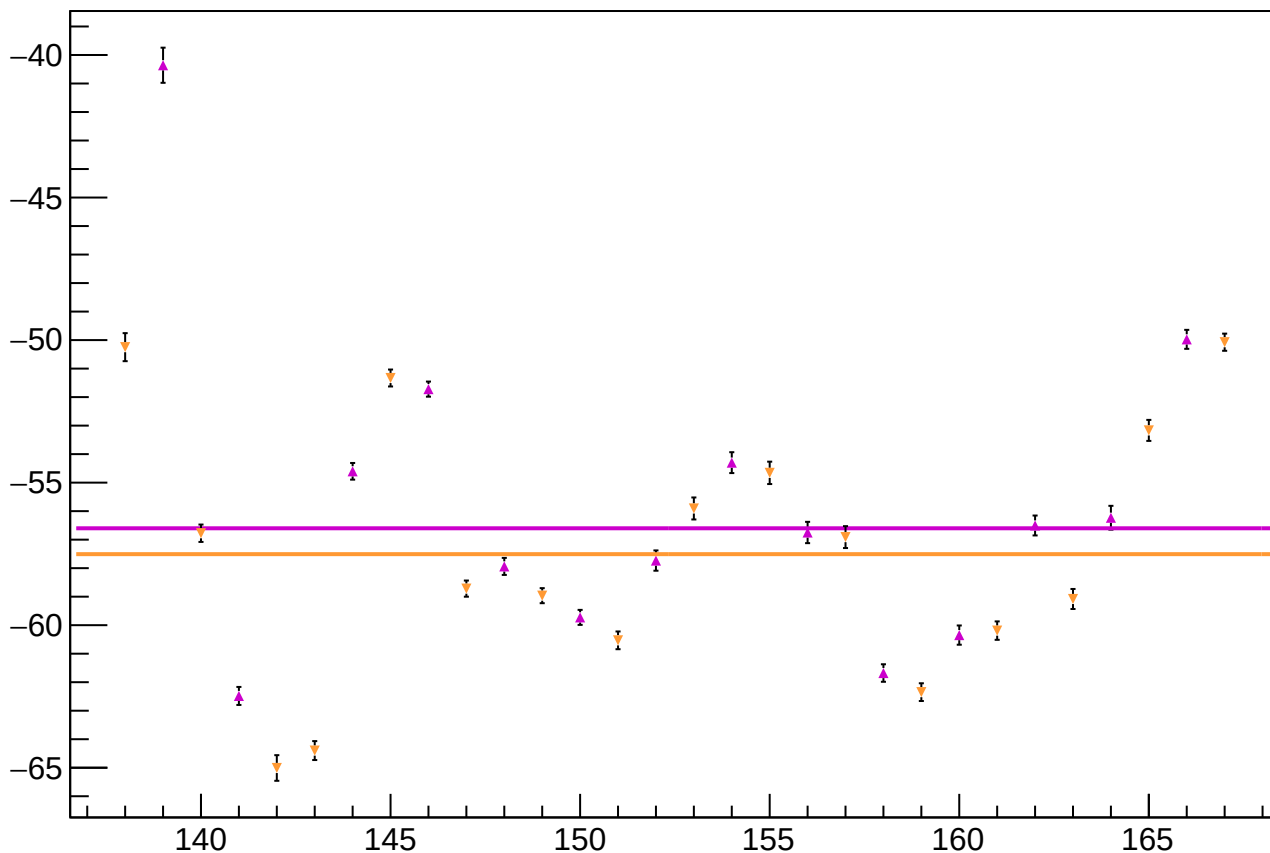
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 8.879+/-0.103 χ^2/NDF :2373.6/13

Left: 8.561+/-0.071 χ^2/NDF : 4781.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.879+/-0.103 χ^2/NDF :2373.6/13
 Out: 8.264+/-0.099 χ^2/NDF :2388.8/15
 All: 8.561+/-0.071 χ^2/NDF : 4781.0/29

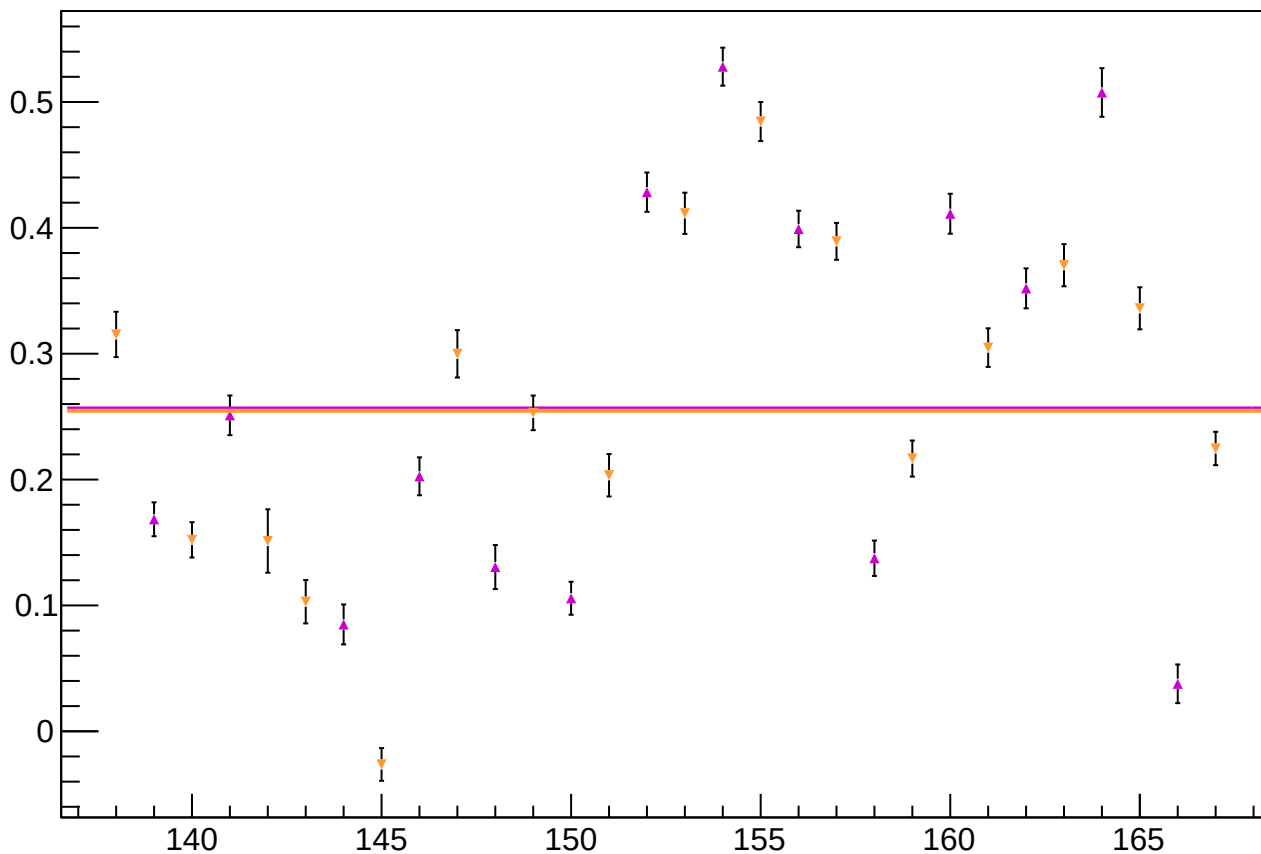
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -56.601+/-0.088 χ^2 /NDF:2431.7/13

Left: -57.080+/-0.061 χ^2 /NDF: 5148.3/29
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -56.601+/-0.088 χ^2 /NDF:2431.7/13
 Out: -57.509+/-0.083 χ^2 /NDF:2660.6/15
 All: -57.080+/-0.061 χ^2 /NDF: 5148.3/29

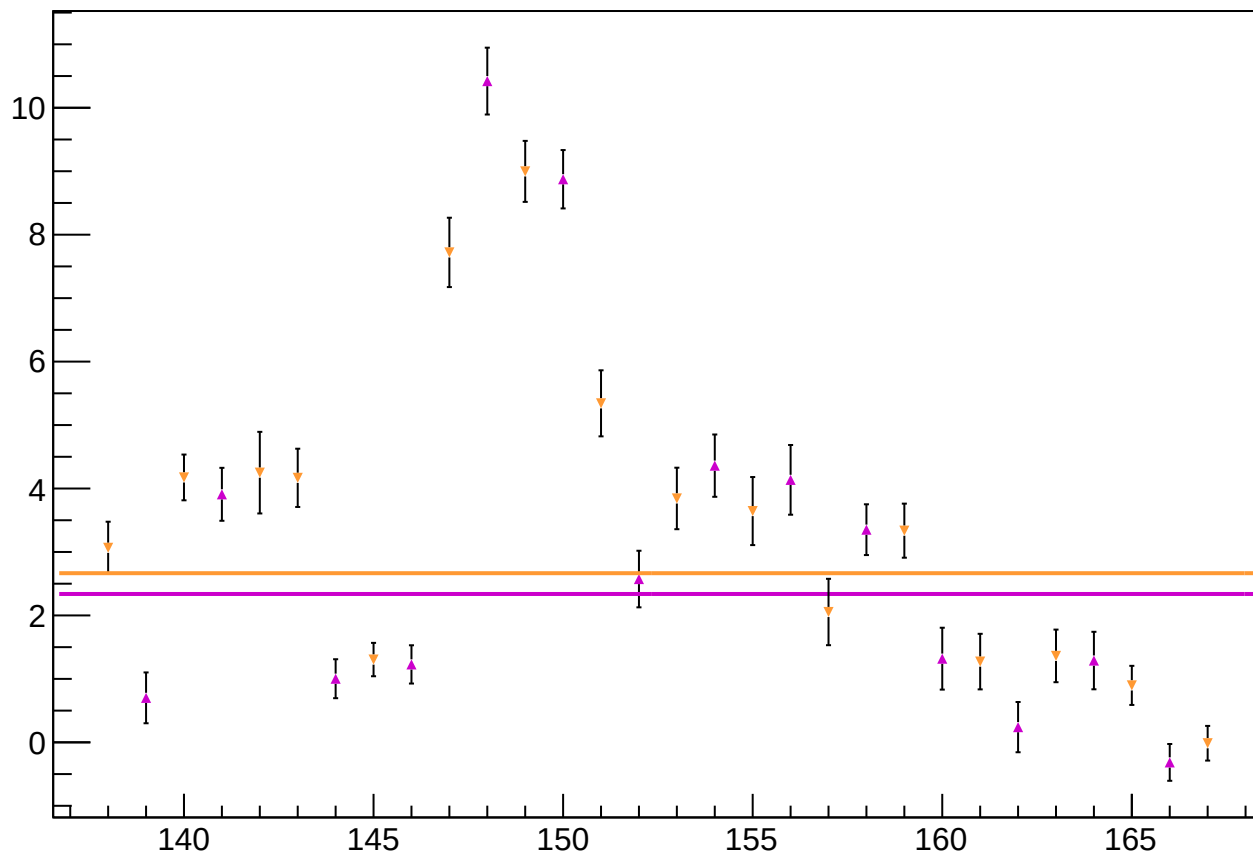
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.255+/-0.004 χ^2/NDF :1130.0/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.256+/-0.004 χ^2/NDF :1472.7/13

Left: 0.256+/-0.003 χ^2/NDF : 2602.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.256+/-0.004 χ^2/NDF :1472.7/13
 Out: 0.255+/-0.004 χ^2/NDF :1130.0/15
 All: 0.256+/-0.003 χ^2/NDF : 2602.8/29

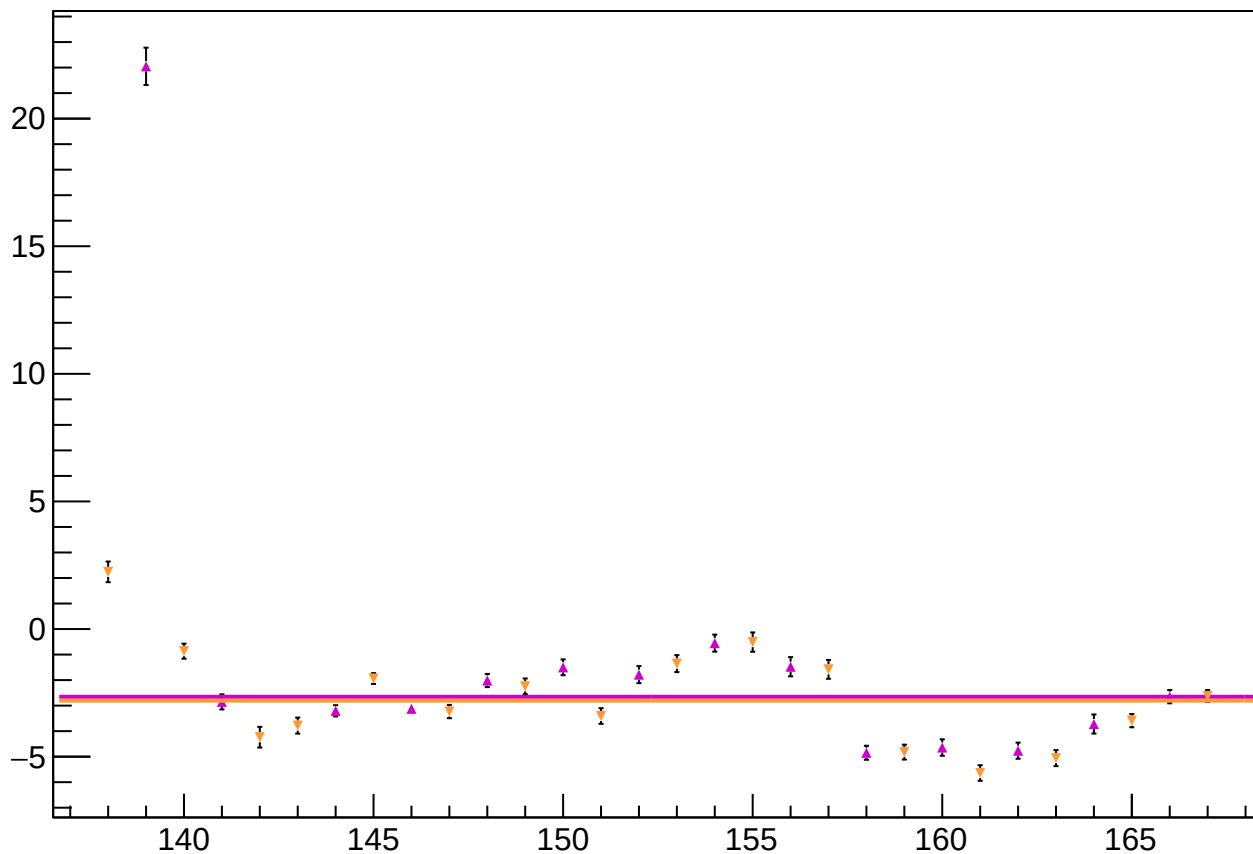
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 2.338+/-0.107 χ^2/NDF : 656.8/13

Left: 2.511+/-0.073 χ^2/NDF : 1171.6/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.338+/-0.107 χ^2/NDF : 656.8/13
 Out: 2.666+/-0.101 χ^2/NDF : 509.9/15
 All: 2.511+/-0.073 χ^2/NDF : 1171.6/29

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



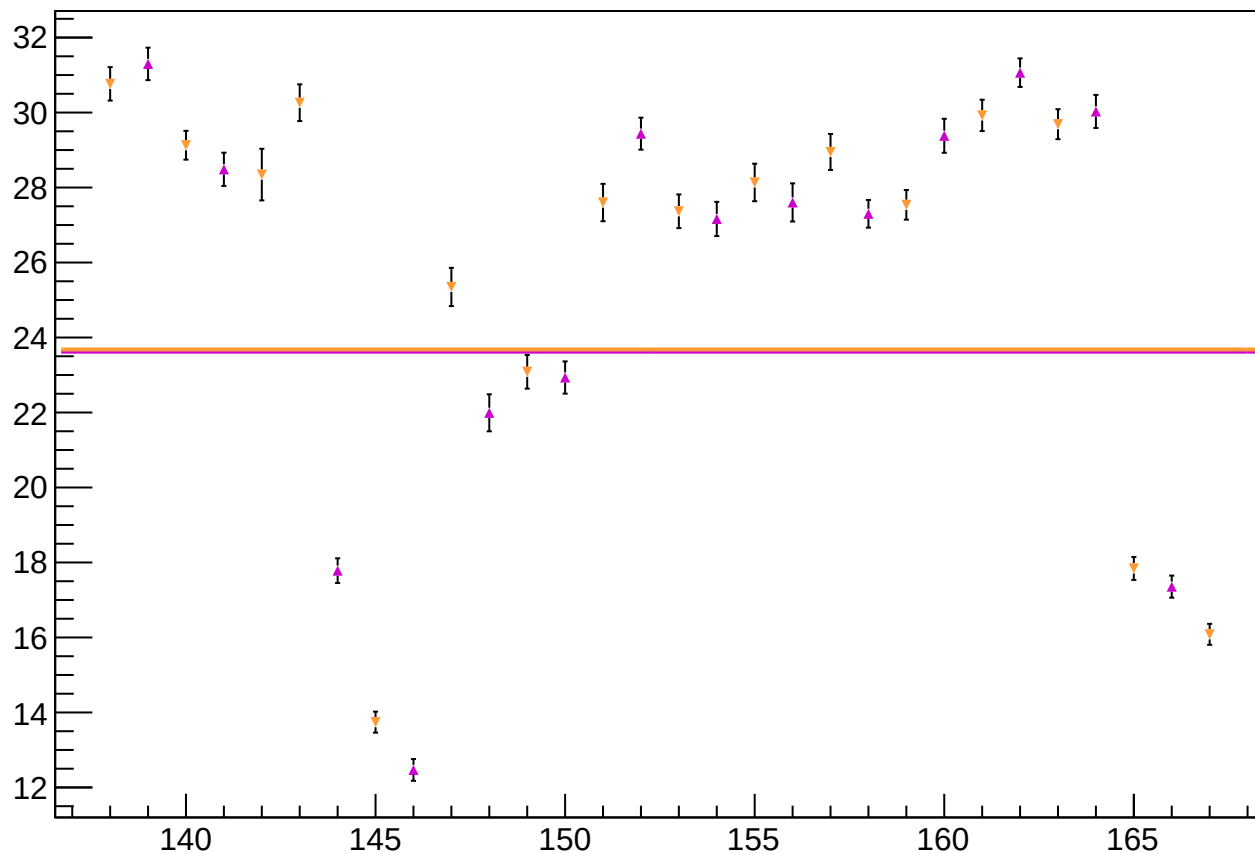
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.805 $\pm$ 0.074 χ^2 /NDF:509.5/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.654 $\pm$ 0.078 χ^2 /NDF:1385.0/13

Left: -2.733 $\pm$ 0.054 χ^2 /NDF: 1896.5/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.654 $\pm$ 0.078 χ^2 /NDF:1385.0/13
 Out: -2.805 $\pm$ 0.074 χ^2 /NDF:509.5/15

All: -2.733 $\pm$ 0.054 χ^2 /NDF: 1896.5/29

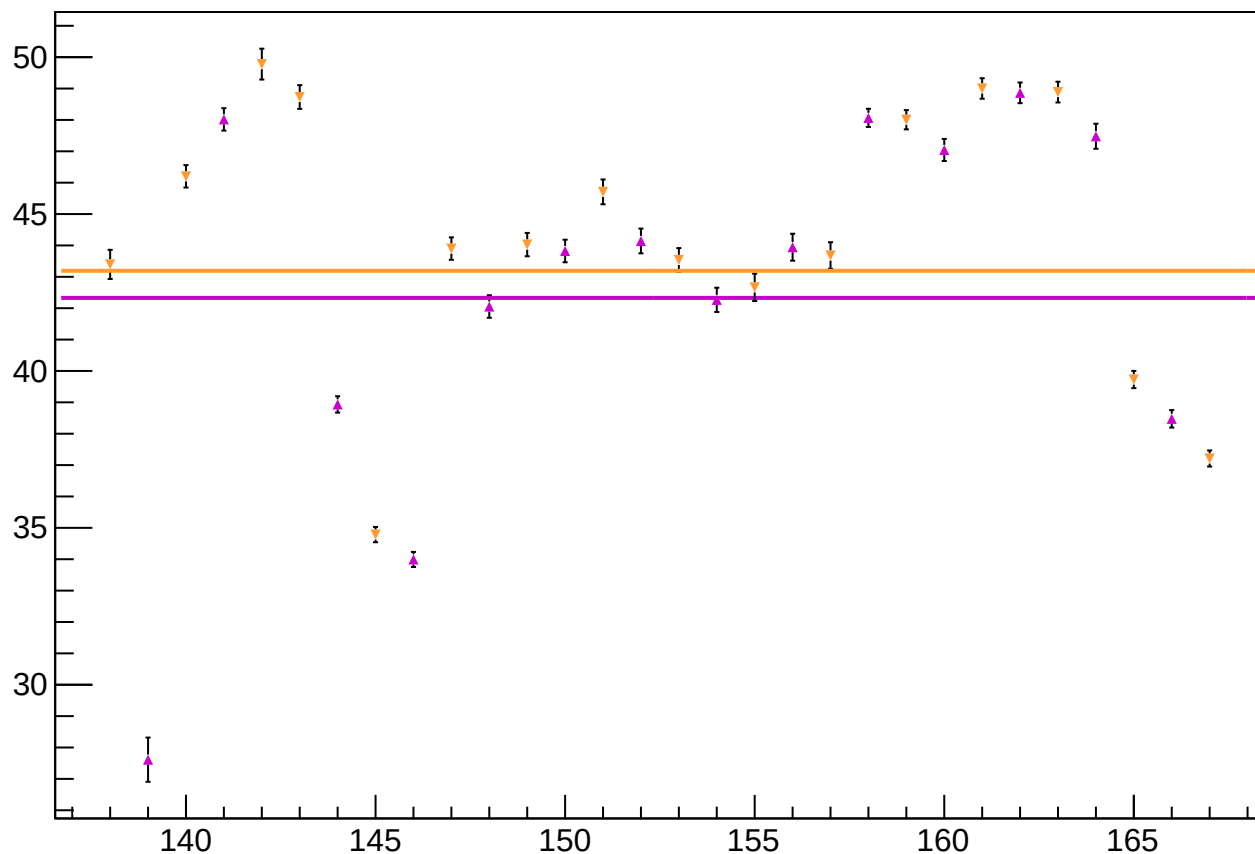
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 23.623+/-0.105 χ^2/NDF : 3853.8/13

Left: 23.653+/-0.073 χ^2/NDF : 7778.2/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.623+/-0.105 χ^2/NDF : 3853.8/13
 Out: 23.681+/-0.101 χ^2/NDF : 3924.3/15
 All: 23.653+/-0.073 χ^2/NDF : 7778.2/29

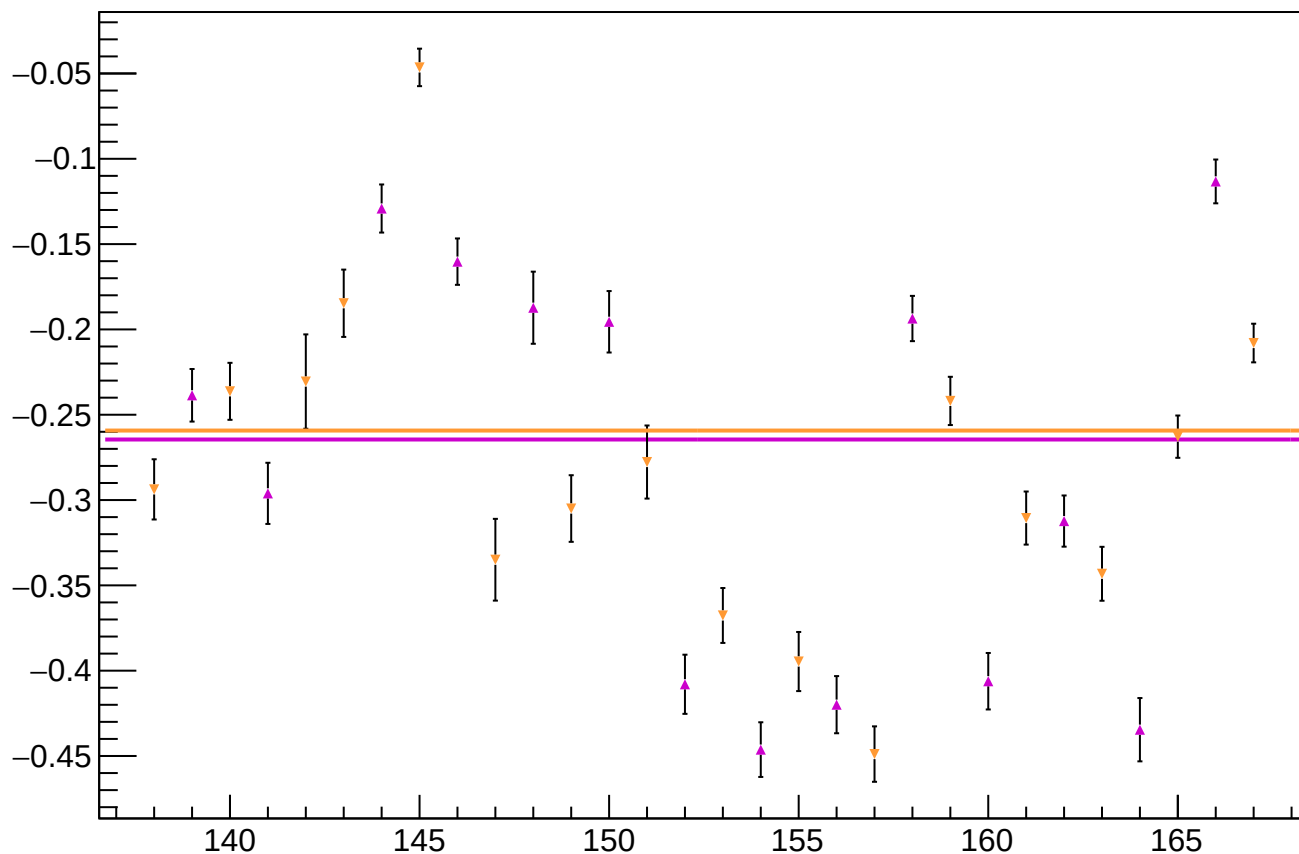
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 42.328 $\pm$ 0.090 χ^2 /NDF:3437.0/13

Left: 42.782 $\pm$ 0.062 χ^2 /NDF: 6753.5/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 42.328 $\pm$ 0.090 χ^2 /NDF:3437.0/13
 Out: 43.193 $\pm$ 0.085 χ^2 /NDF:3267.7/15
 All: 42.782 $\pm$ 0.062 χ^2 /NDF: 6753.5/29

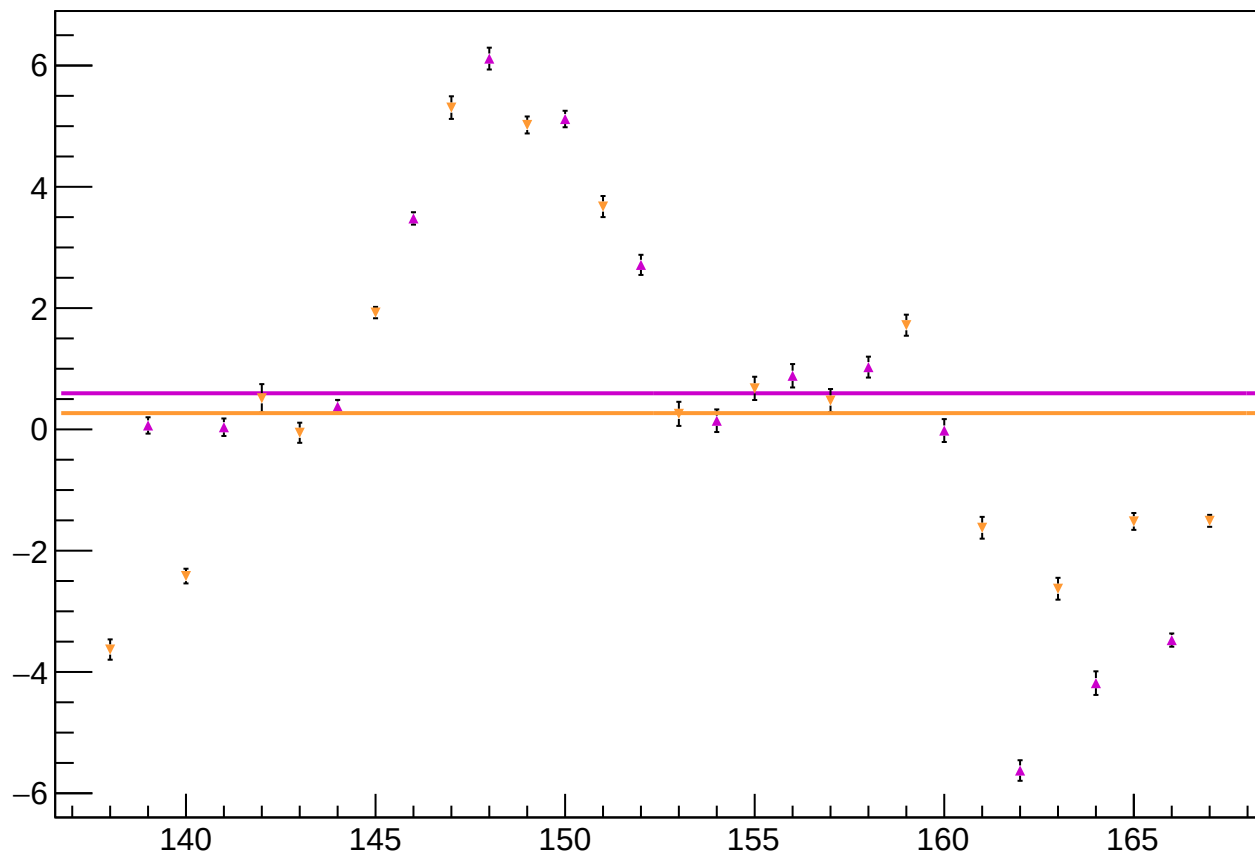
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.265 $\pm$ 0.004 χ^2 /NDF:803.1/13

Left: -0.262 $\pm$ 0.003 χ^2 /NDF: 1520.4/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.265 $\pm$ 0.004 χ^2 /NDF:803.1/13
 Out: -0.259 $\pm$ 0.004 χ^2 /NDF:716.5/15
 All: -0.262 $\pm$ 0.003 χ^2 /NDF: 1520.4/29

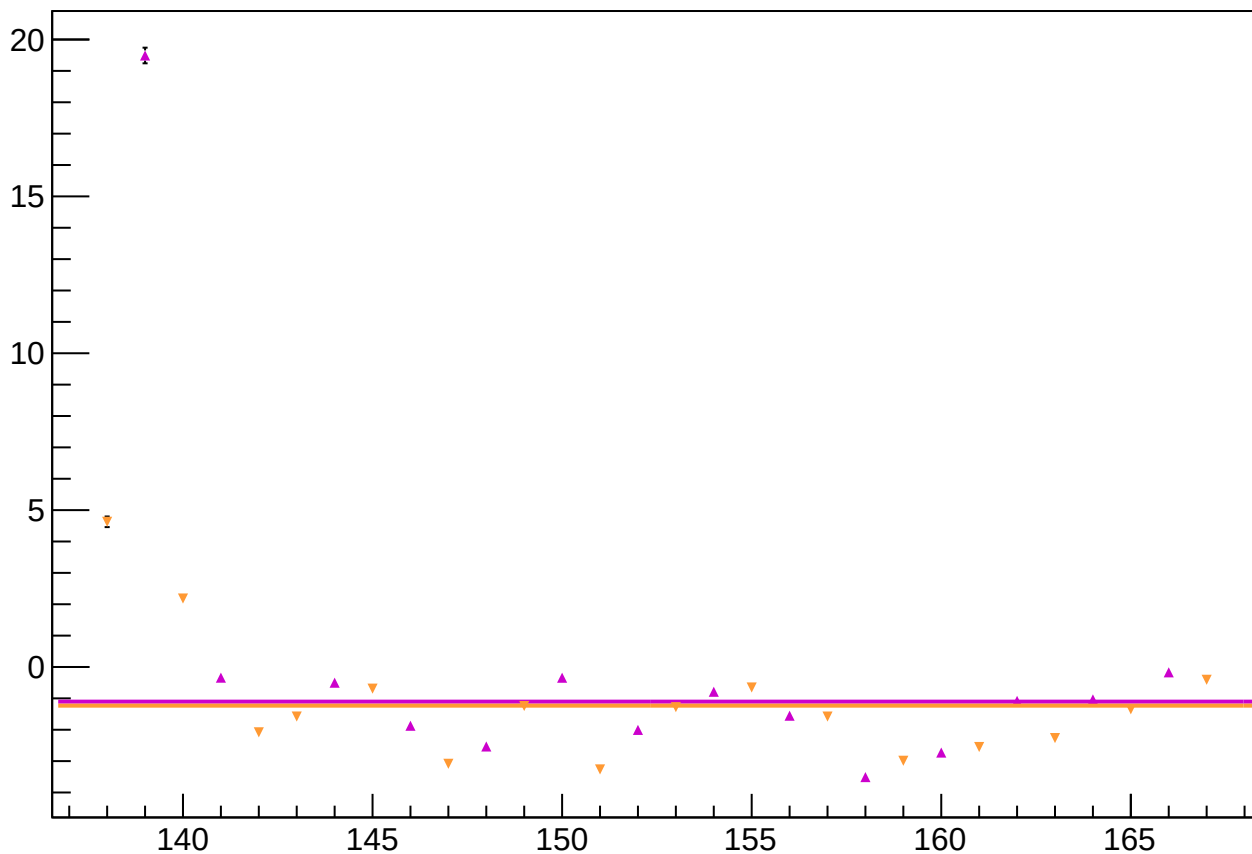
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 0.596+/-0.039 χ^2/NDF :6407.5/13

Left: 0.426+/-0.027 χ^2/NDF : 10993.9/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.596+/-0.039 χ^2/NDF :6407.5/13
 Out: 0.268+/-0.037 χ^2/NDF :4549.4/15
 All: 0.426+/-0.027 χ^2/NDF : 10993.9/29

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: -1.104+/-0.028 χ^2/NDF : 8143.3/13

Left: -1.170+/-0.020 χ^2/NDF : 11934.7/29

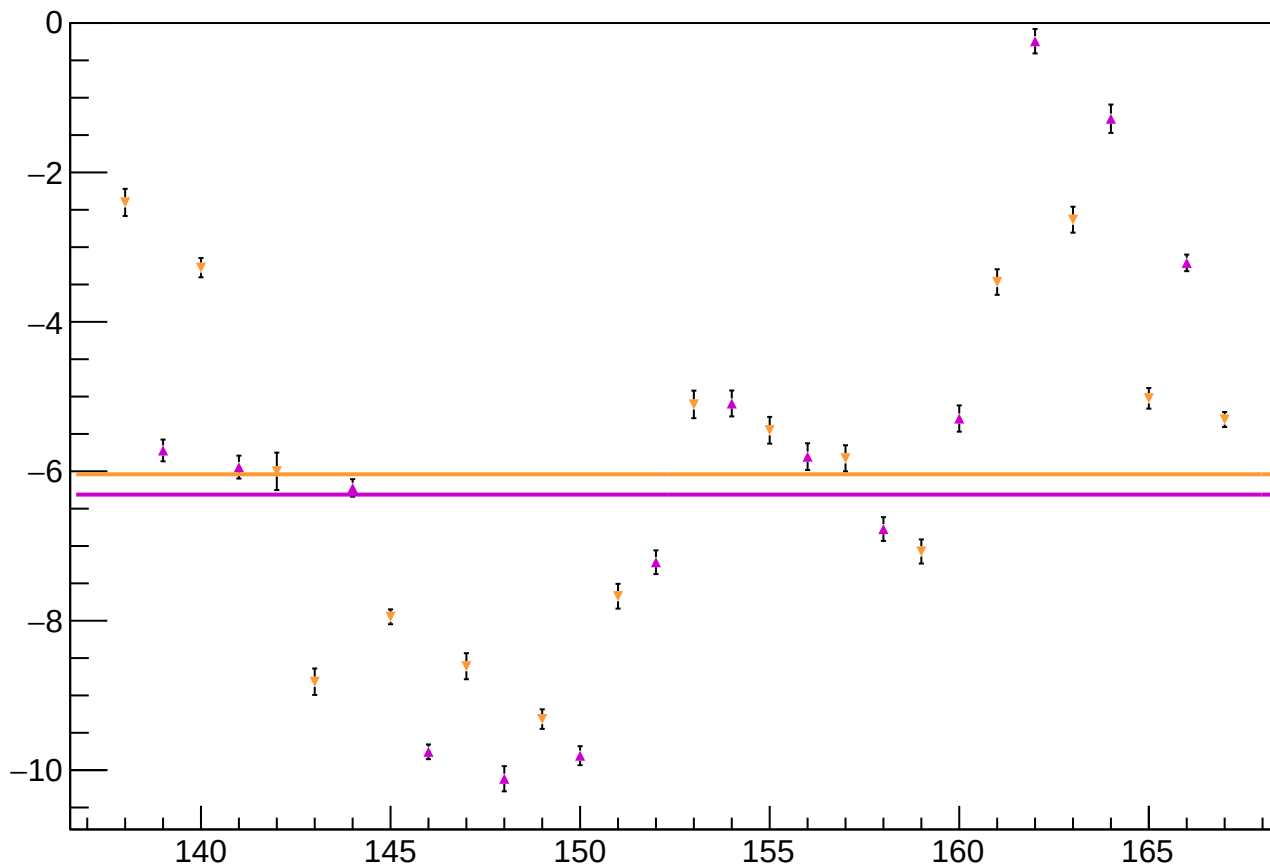
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.104+/-0.028 χ^2/NDF : 8143.3/13

Out: -1.233+/-0.027 χ^2/NDF : 3780.8/15

All: -1.170+/-0.020 χ^2/NDF : 11934.7/29

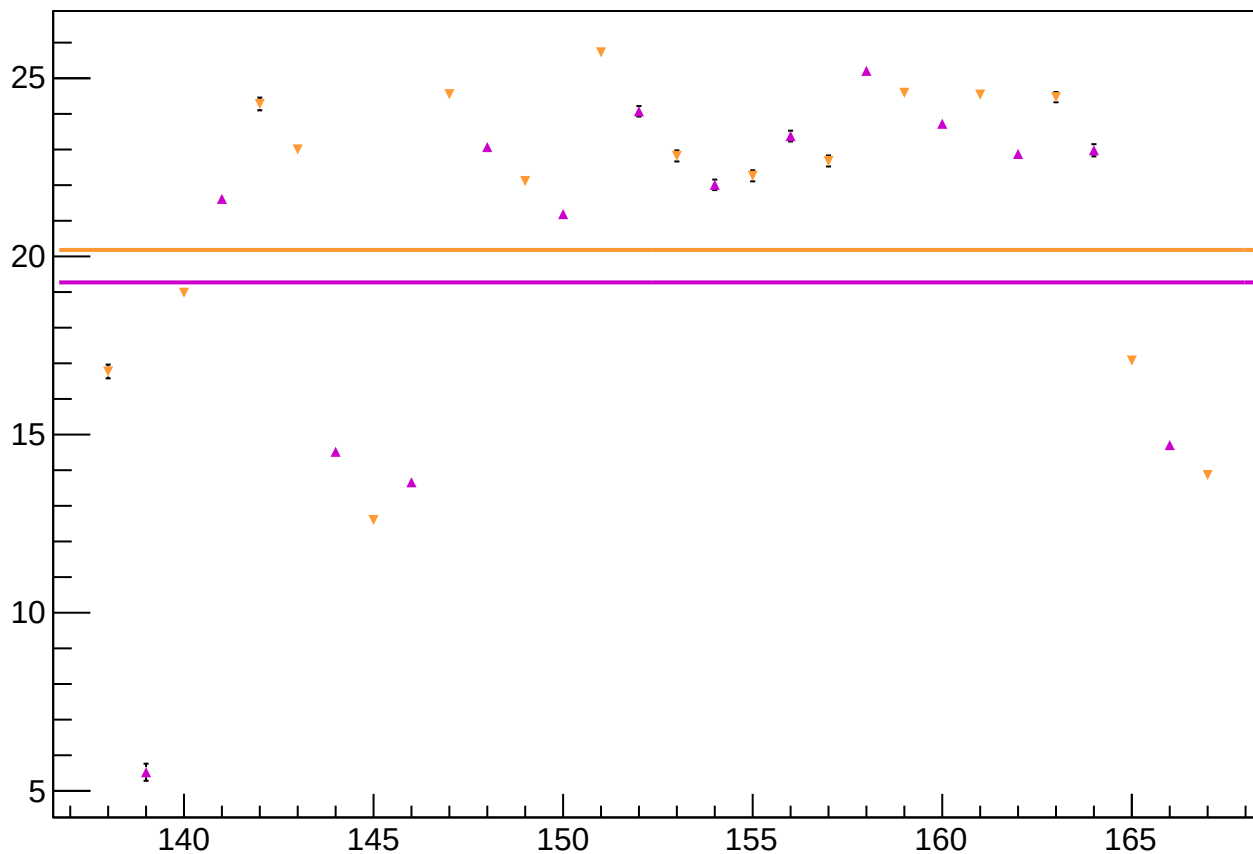
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.040 $\pm$ 0.037 χ^2 /NDF:3210.7/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.312 $\pm$ 0.038 χ^2 /NDF:5505.8/13

Left: -6.173 $\pm$ 0.027 χ^2 /NDF: 8742.3/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.312 $\pm$ 0.038 χ^2 /NDF:5505.8/13
 Out: -6.040 $\pm$ 0.037 χ^2 /NDF:3210.7/15
 All: -6.173 $\pm$ 0.027 χ^2 /NDF: 8742.3/29

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 20.182 $\pm$ 0.032 χ^2 /NDF:21291.8/15

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 19.270 $\pm$ 0.033 χ^2 /NDF:20607.4/13

Left: 19.742 $\pm$ 0.023 χ^2 /NDF: 42297.4/29

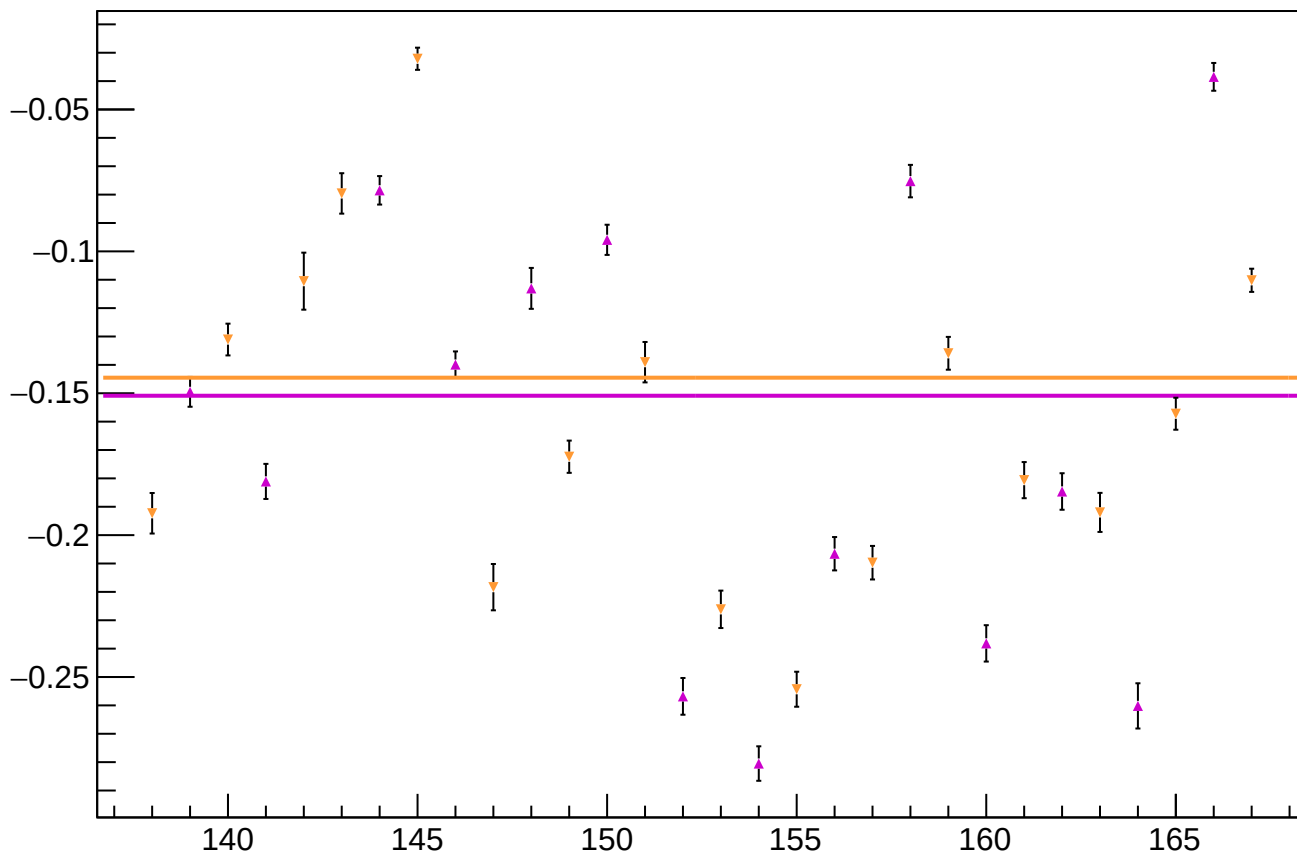
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 19.270 $\pm$ 0.033 χ^2 /NDF:20607.4/13

Out: 20.182 $\pm$ 0.032 χ^2 /NDF:21291.8/15

All: 19.742 $\pm$ 0.023 χ^2 /NDF: 42297.4/29

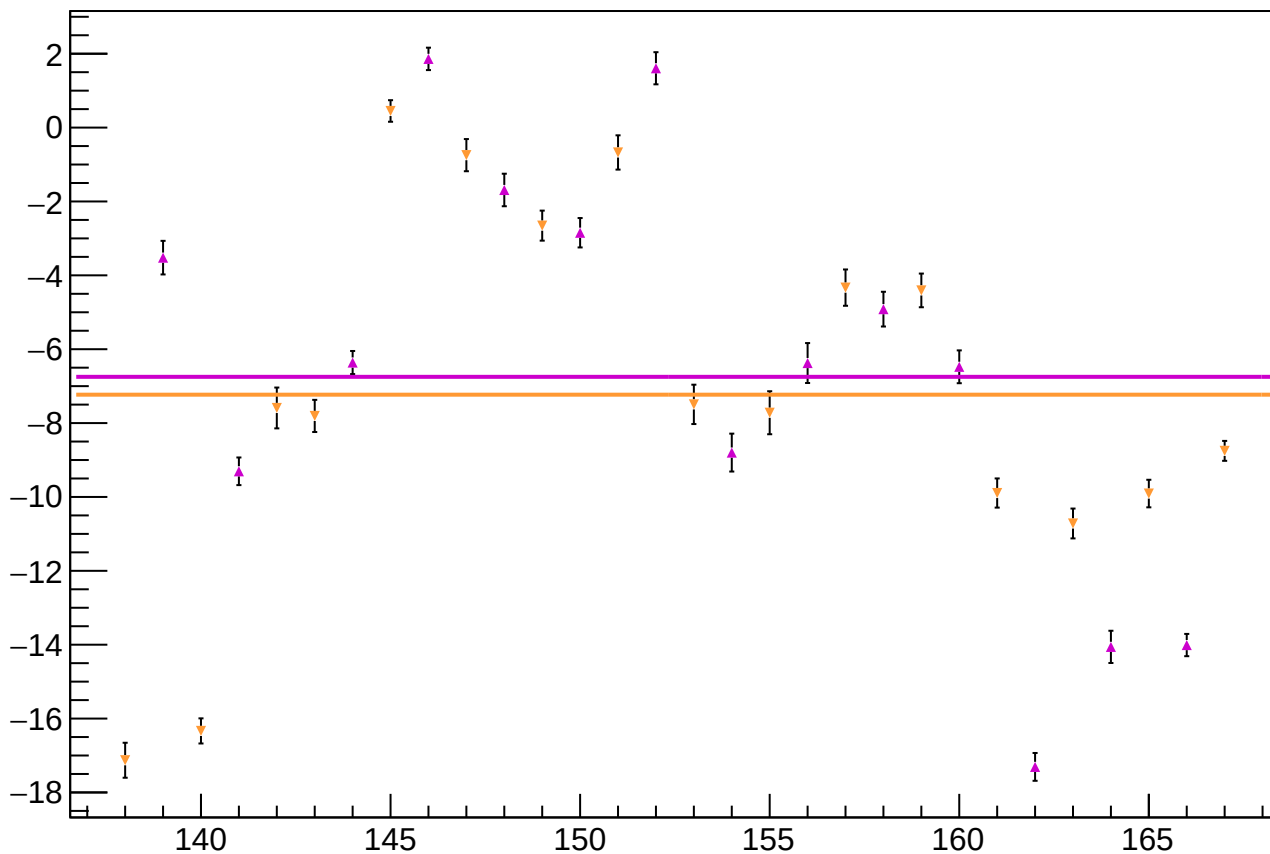
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.151+/-0.002 χ^2/NDF :2285.9/13

Left: -0.148+/-0.001 χ^2/NDF : 4122.7/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.151+/-0.002 χ^2/NDF :2285.9/13
 Out: -0.145+/-0.001 χ^2/NDF :1827.9/15
 All: -0.148+/-0.001 χ^2/NDF : 4122.7/29

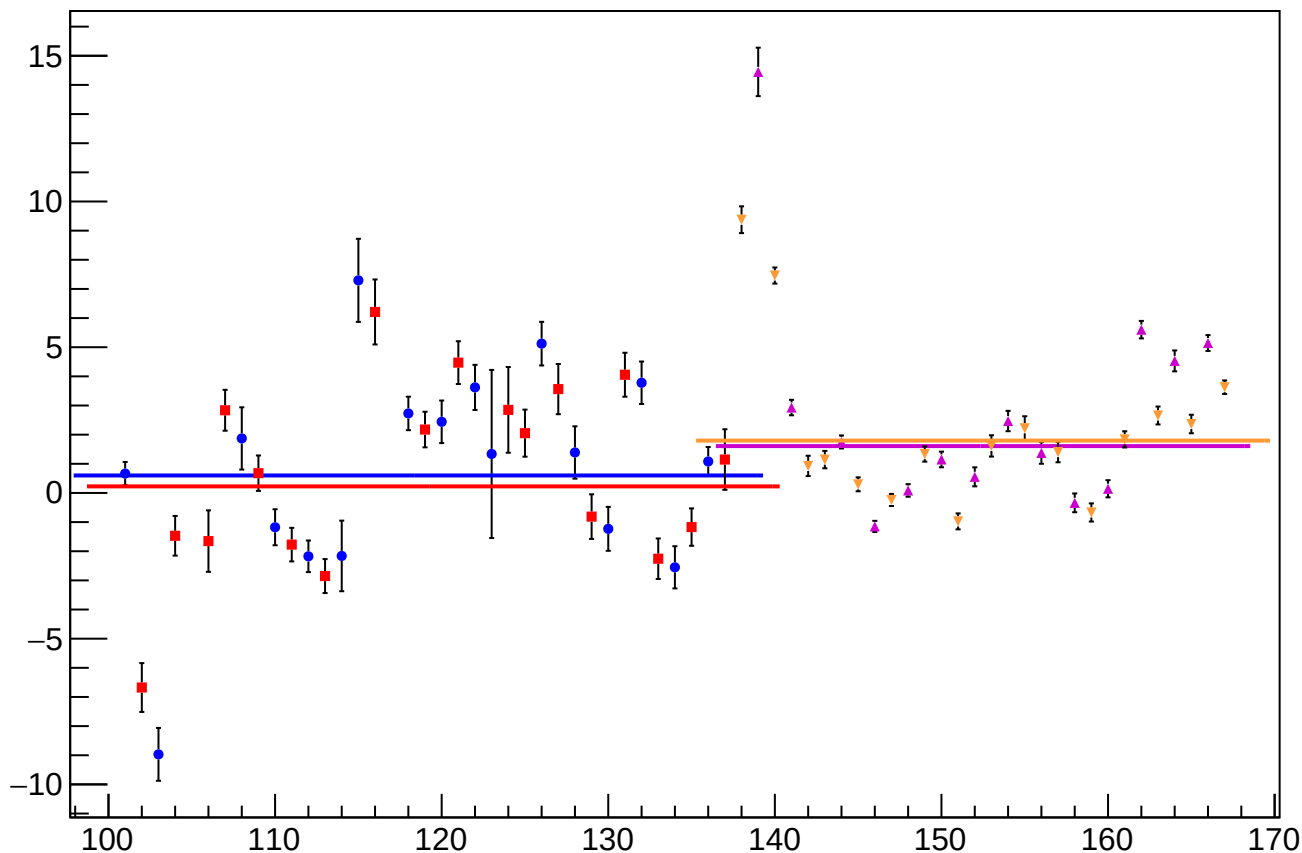
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.231+/-0.101 χ^2/NDF :2673.3/15
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.748+/-0.105 χ^2/NDF :3179.7/13

Left: -7.000+/-0.073 χ^2/NDF : 5864.0/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.748+/-0.105 χ^2/NDF :3179.7/13
 Out: -7.231+/-0.101 χ^2/NDF :2673.3/15
 All: -7.000+/-0.073 χ^2/NDF : 5864.0/29

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.797 ± 0.072 χ^2/NDF : 1084.3/15

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 1.608 ± 0.075 χ^2/NDF : 1014.7/13

Left: 1.706 ± 0.052 χ^2/NDF : 2102.3/29

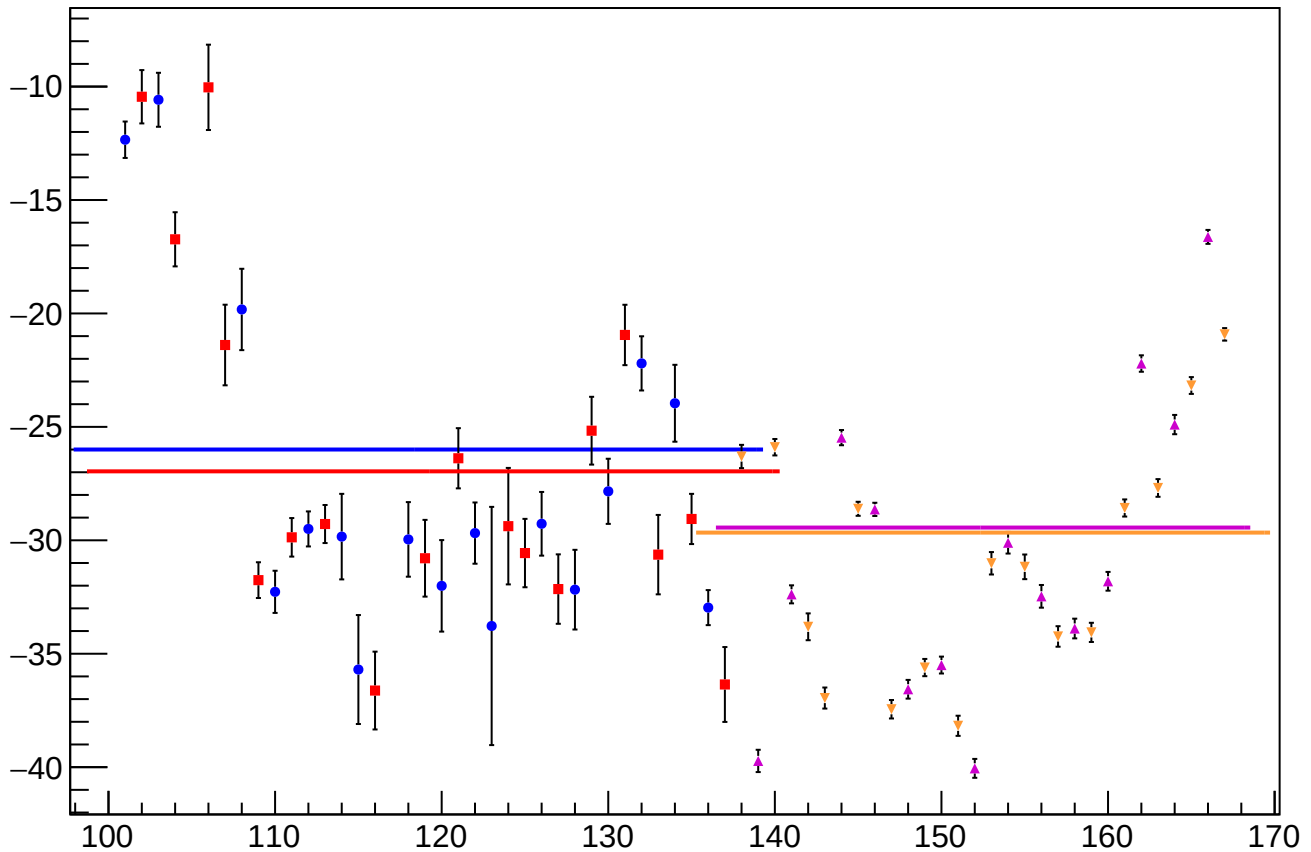
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 1.441 ± 0.069 χ^2/NDF : 1336.3/30

Out: 1.566 ± 0.067 χ^2/NDF : 1426.4/33

All: 1.505 ± 0.048 χ^2/NDF : 2764.4/64

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -29.660 ± 0.100 χ^2/NDF : 3005.5/15

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -29.438 ± 0.104 χ^2/NDF : 4281.4/13

Left: -29.553 ± 0.072 χ^2/NDF : 7289.3/29

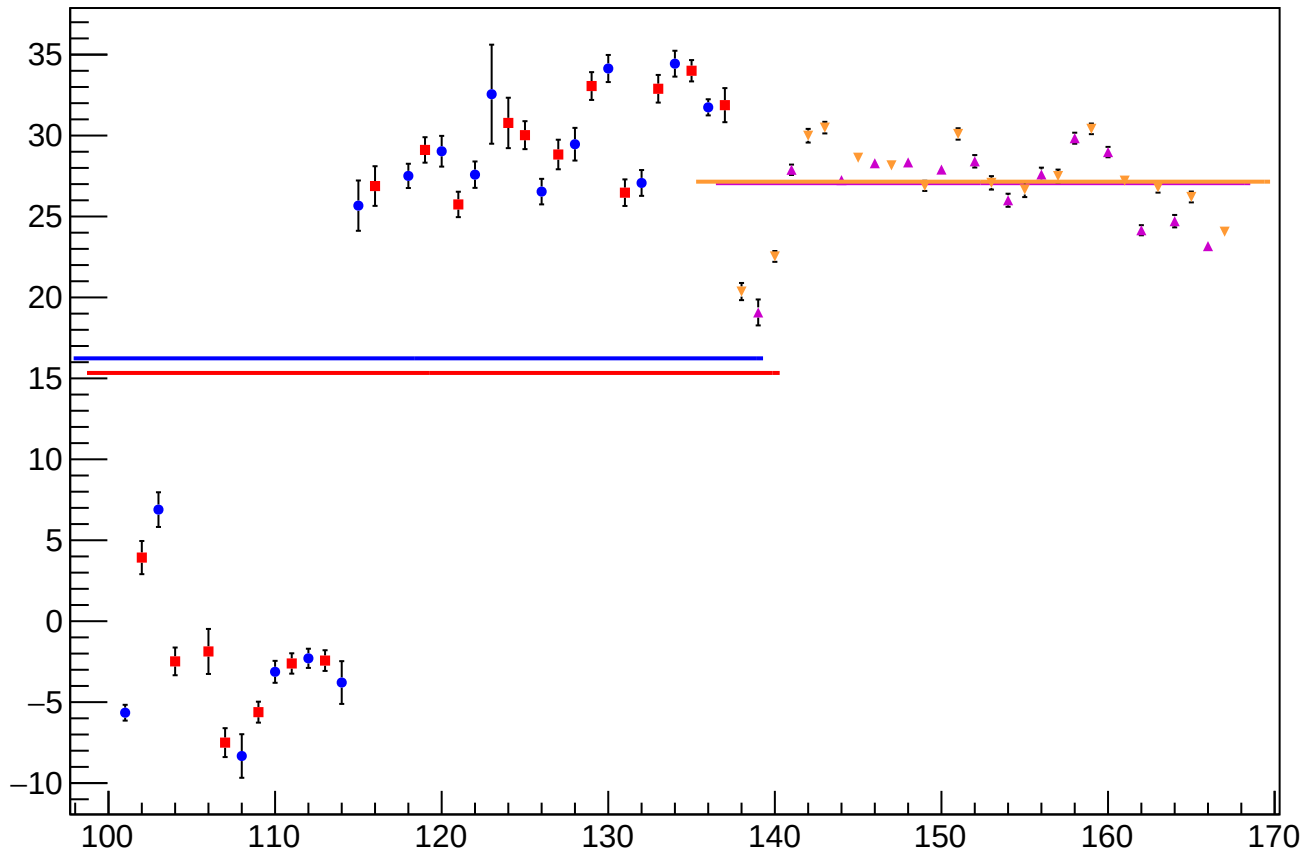
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -29.072 ± 0.098 χ^2/NDF : 5091.4/30

Out: -29.386 ± 0.095 χ^2/NDF : 3614.5/33

All: -29.234 ± 0.068 χ^2/NDF : 8711.2/64

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 ± 0.191 $\chi^2/\text{NDF}: 7579.9/16$

Left Out: 27.151 ± 0.084 $\chi^2/\text{NDF}: 858.1/15$

Right Out: 15.335 ± 0.197 $\chi^2/\text{NDF}: 7259.7/17$

Left In: 27.058 ± 0.088 $\chi^2/\text{NDF}: 583.1/13$

Left: 27.106 ± 0.061 $\chi^2/\text{NDF}: 1441.8/29$

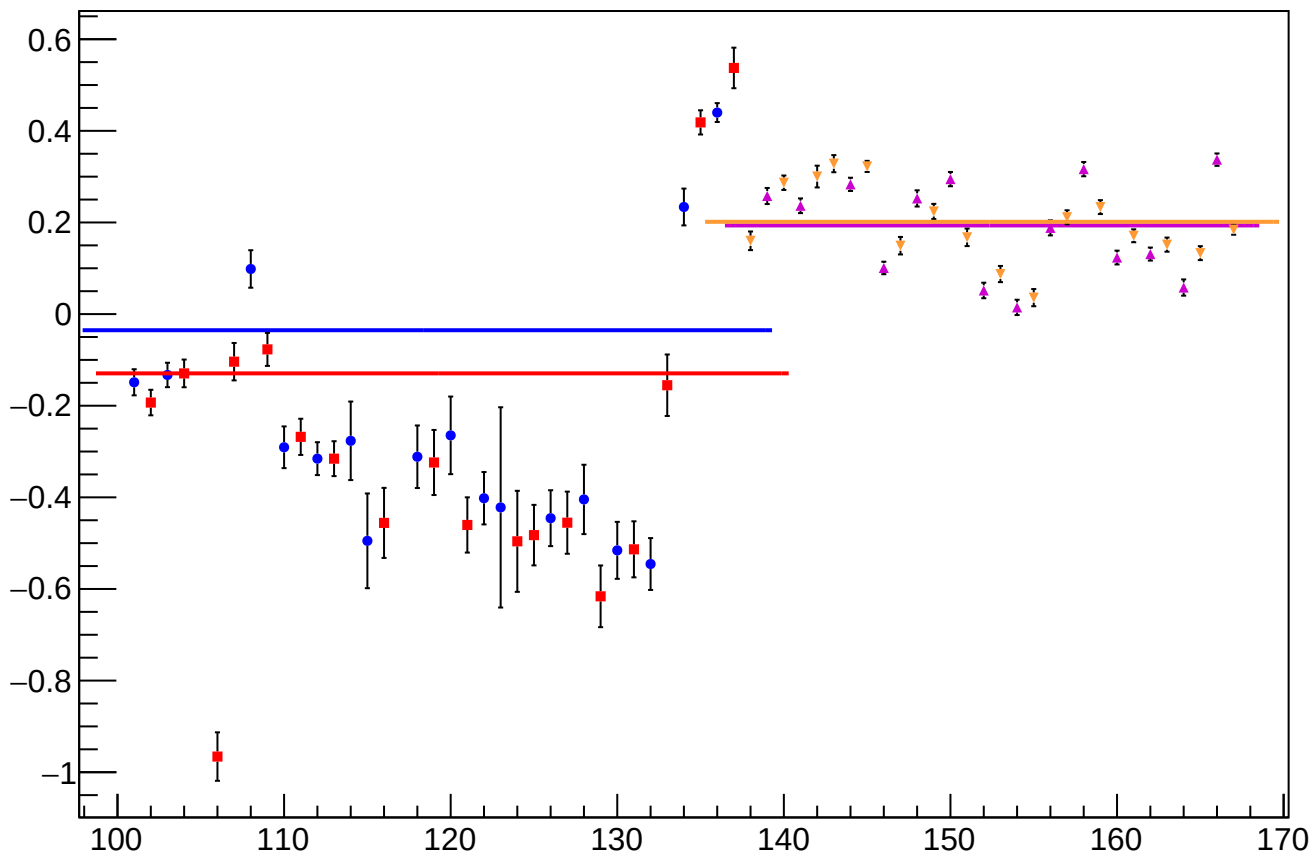
Right: 15.800 ± 0.137 $\chi^2/\text{NDF}: 14850.4/34$

In: 25.181 ± 0.080 $\chi^2/\text{NDF}: 10805.2/30$

Out: 25.327 ± 0.077 $\chi^2/\text{NDF}: 11155.1/33$

All: 25.256 ± 0.056 $\chi^2/\text{NDF}: 21962.0/64$

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.010 χ^2 /NDF: 1013.6/16

Left Out: 0.201 $\pm$ 0.004 χ^2 /NDF:370.6/15

Right Out: -0.129 $\pm$ 0.010 χ^2 /NDF: 1161.5/17

Left In: 0.194 $\pm$ 0.004 χ^2 /NDF:617.0/13

Left: 0.198 $\pm$ 0.003 χ^2 /NDF: 989.5/29

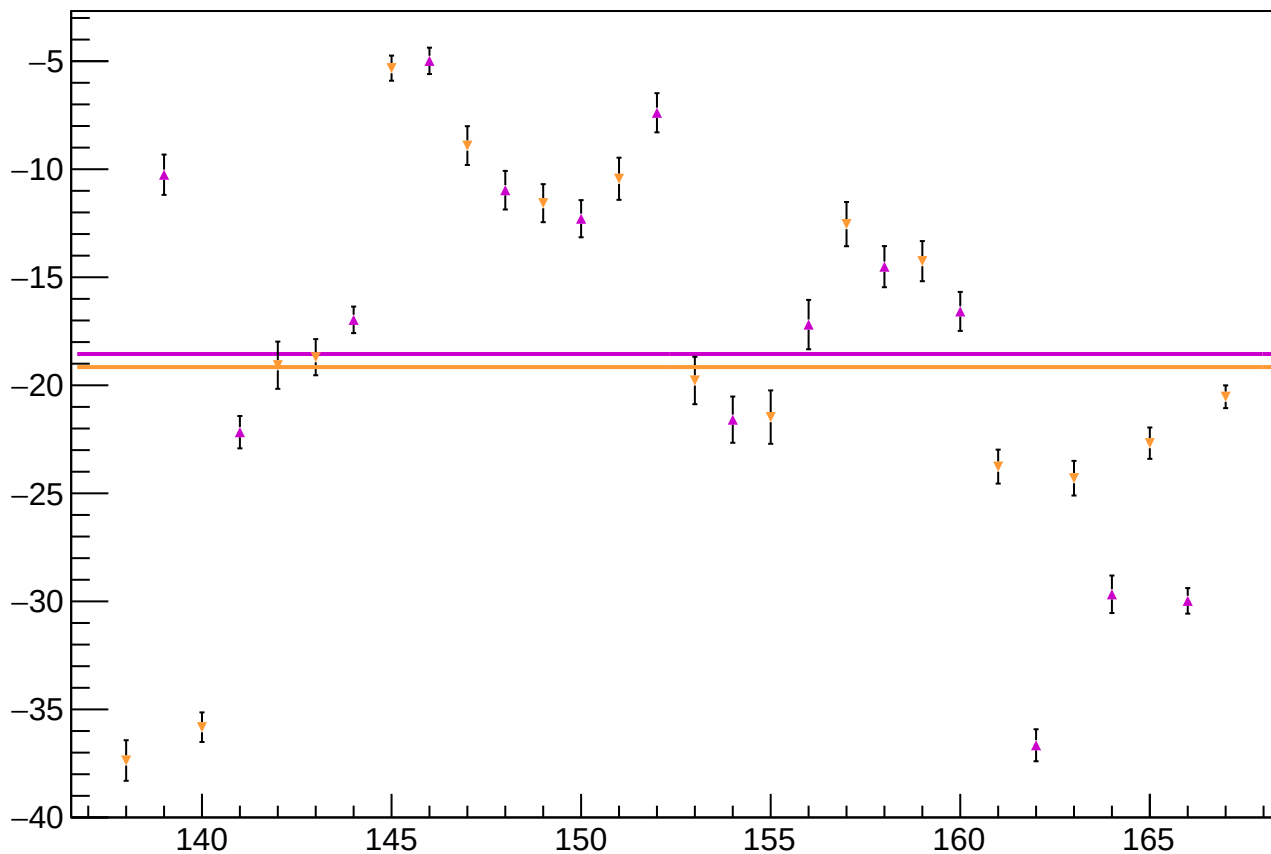
Right: -0.082 $\pm$ 0.007 χ^2 /NDF: 2216.5/34

In: 0.161 $\pm$ 0.004 χ^2 /NDF:2052.7/30

Out: 0.159 $\pm$ 0.004 χ^2 /NDF:2416.7/33

All: 0.160 $\pm$ 0.003 χ^2 /NDF: 4469.5/64

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.157+/-0.203 χ^2/NDF :1998.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.551+/-0.213 χ^2/NDF :2046.8/13

Left: -18.869+/-0.147 χ^2/NDF : 4049.2/29

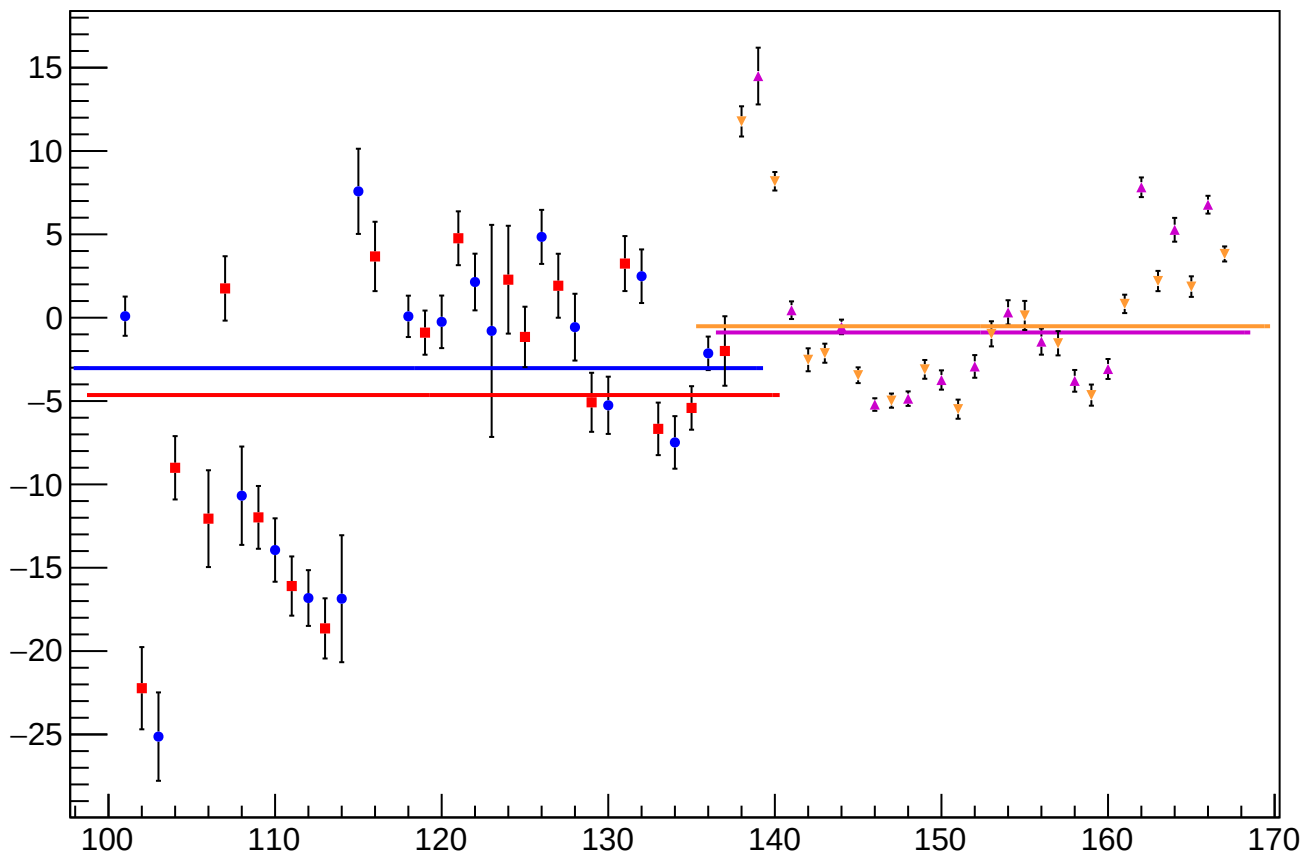
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.551+/-0.213 χ^2/NDF :2046.8/13

Out: -19.157+/-0.203 χ^2/NDF :1998.2/15

All: -18.869+/-0.147 χ^2/NDF : 4049.2/29

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -0.512 ± 0.146 χ^2/NDF : 868.7/15

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -0.886 ± 0.152 χ^2/NDF : 871.0/13

Left: -0.693 ± 0.105 χ^2/NDF : 1742.9/29

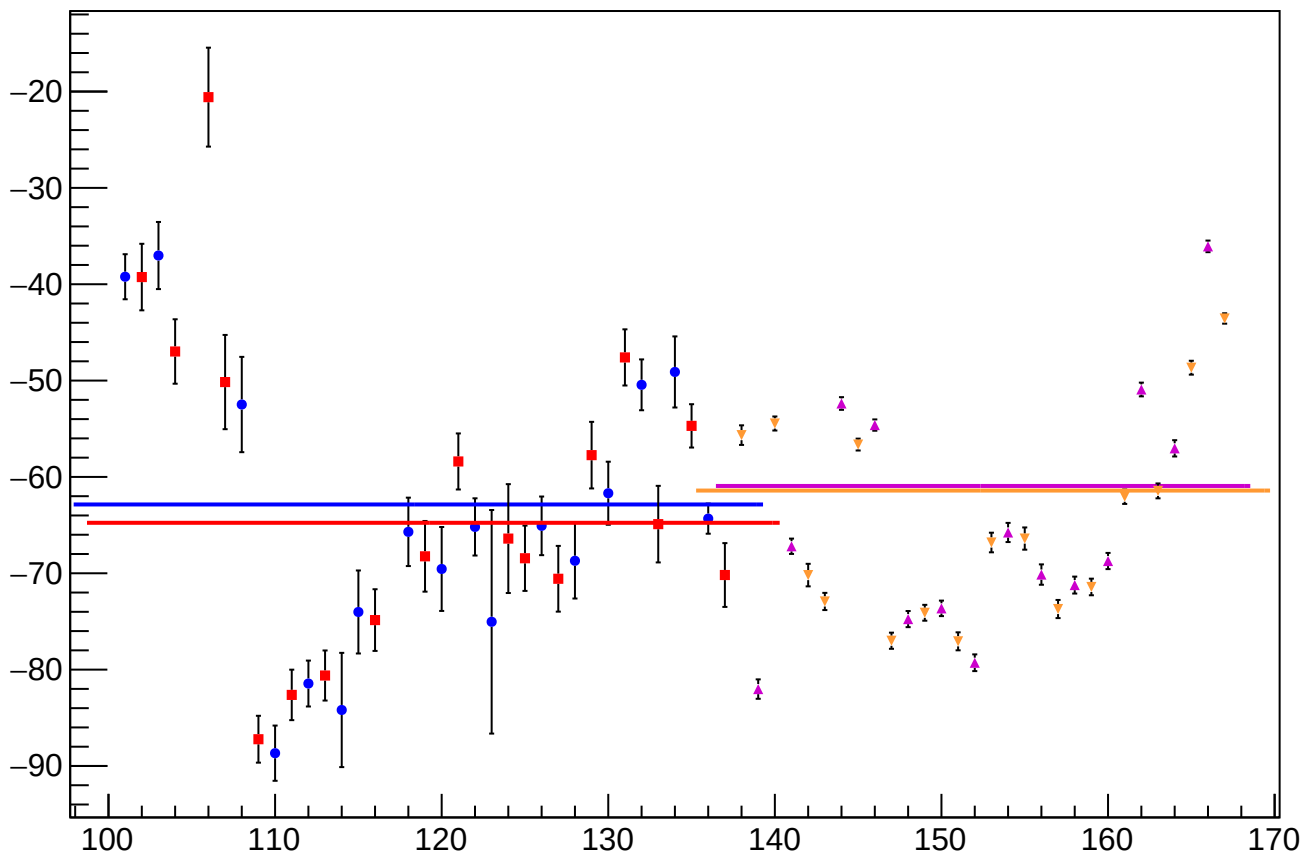
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -1.145 ± 0.142 χ^2/NDF : 1175.8/30

Out: -0.946 ± 0.138 χ^2/NDF : 1247.3/33

All: -1.043 ± 0.099 χ^2/NDF : 2424.1/64

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -61.415 $\pm$ 0.202 χ^2 /NDF:3033.1/15

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -60.937 $\pm$ 0.209 χ^2 /NDF:3998.0/13

Left: -61.184 $\pm$ 0.145 χ^2 /NDF: 7033.7/29

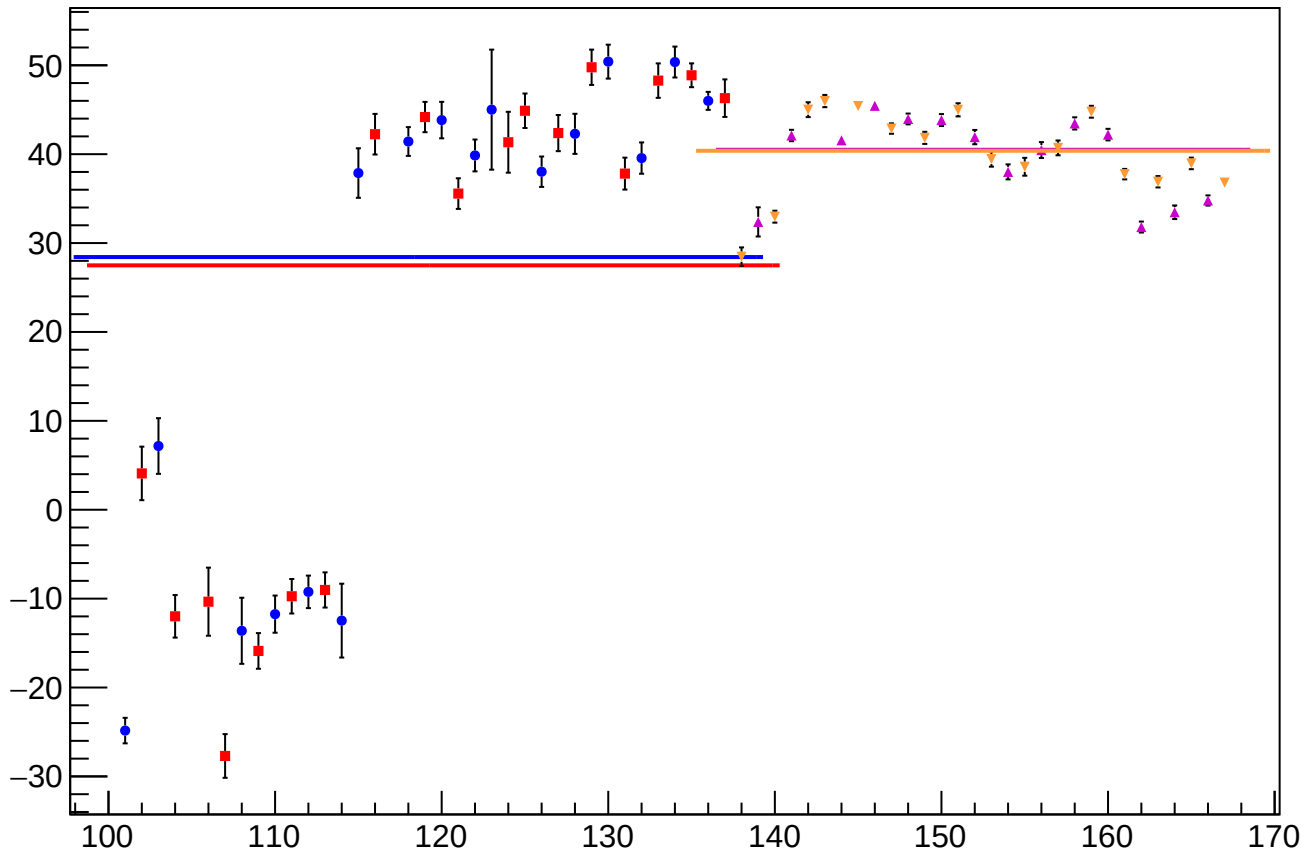
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -61.080 $\pm$ 0.201 χ^2 /NDF:4371.9/30

Out: -61.639 $\pm$ 0.195 χ^2 /NDF:3467.6/33

All: -61.369 $\pm$ 0.140 χ^2 /NDF: 7843.5/64

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 40.382 $\pm$ 0.170 χ^2 /NDF: 649.1/15

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 40.494 $\pm$ 0.177 χ^2 /NDF: 621.4/13

Left: 40.436 $\pm$ 0.122 χ^2 /NDF: 1270.7/29

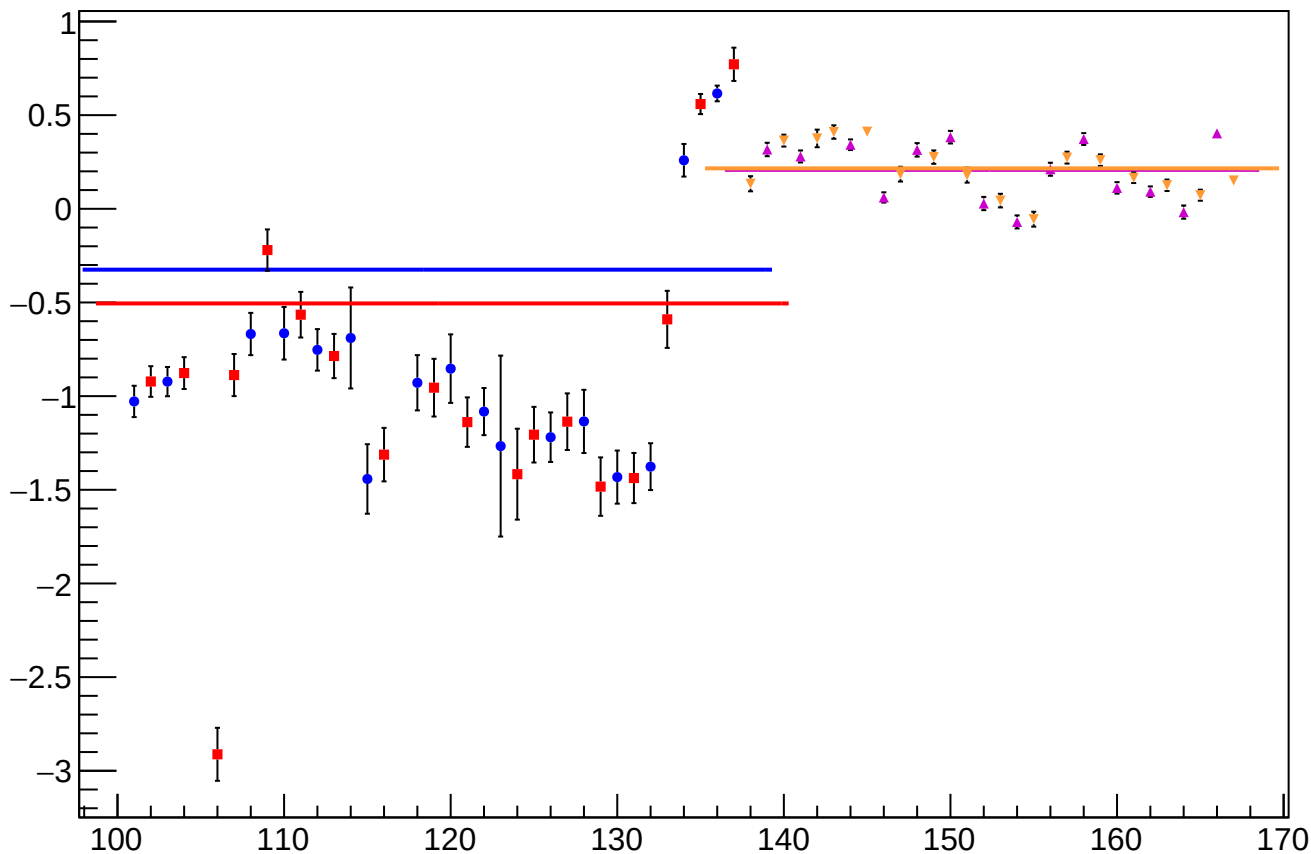
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.927 $\pm$ 0.165 χ^2 /NDF: 4548.5/30

Out: 38.943 $\pm$ 0.160 χ^2 /NDF: 4320.8/33

All: 38.935 $\pm$ 0.115 χ^2 /NDF: 8869.3/64

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.216 ± 0.008 χ^2/NDF : 254.2/15

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.208 ± 0.008 χ^2/NDF : 339.3/13

Left: 0.212 ± 0.006 χ^2/NDF : 594.0/29

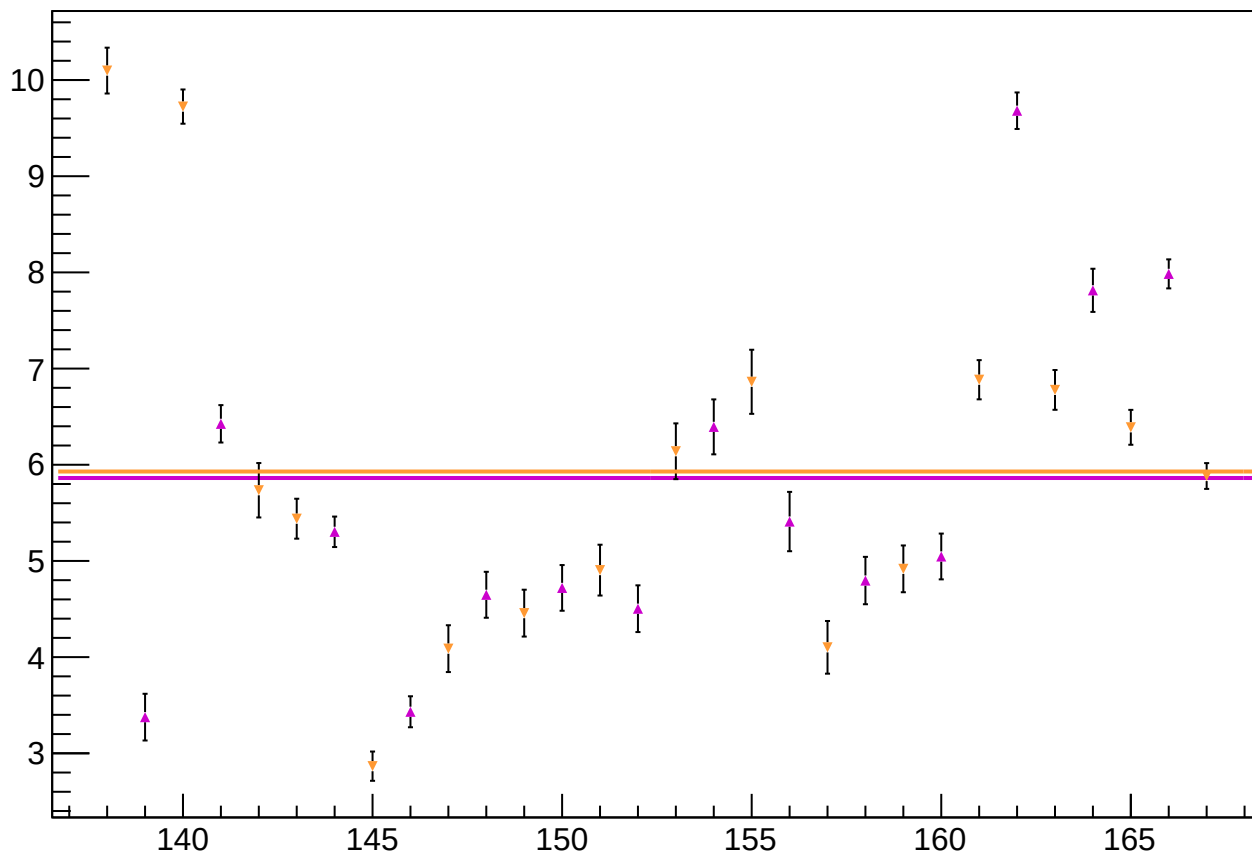
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.153 ± 0.008 χ^2/NDF : 1761.1/30

Out: 0.152 ± 0.008 χ^2/NDF : 2131.6/33

All: 0.153 ± 0.006 χ^2/NDF : 3892.7/64

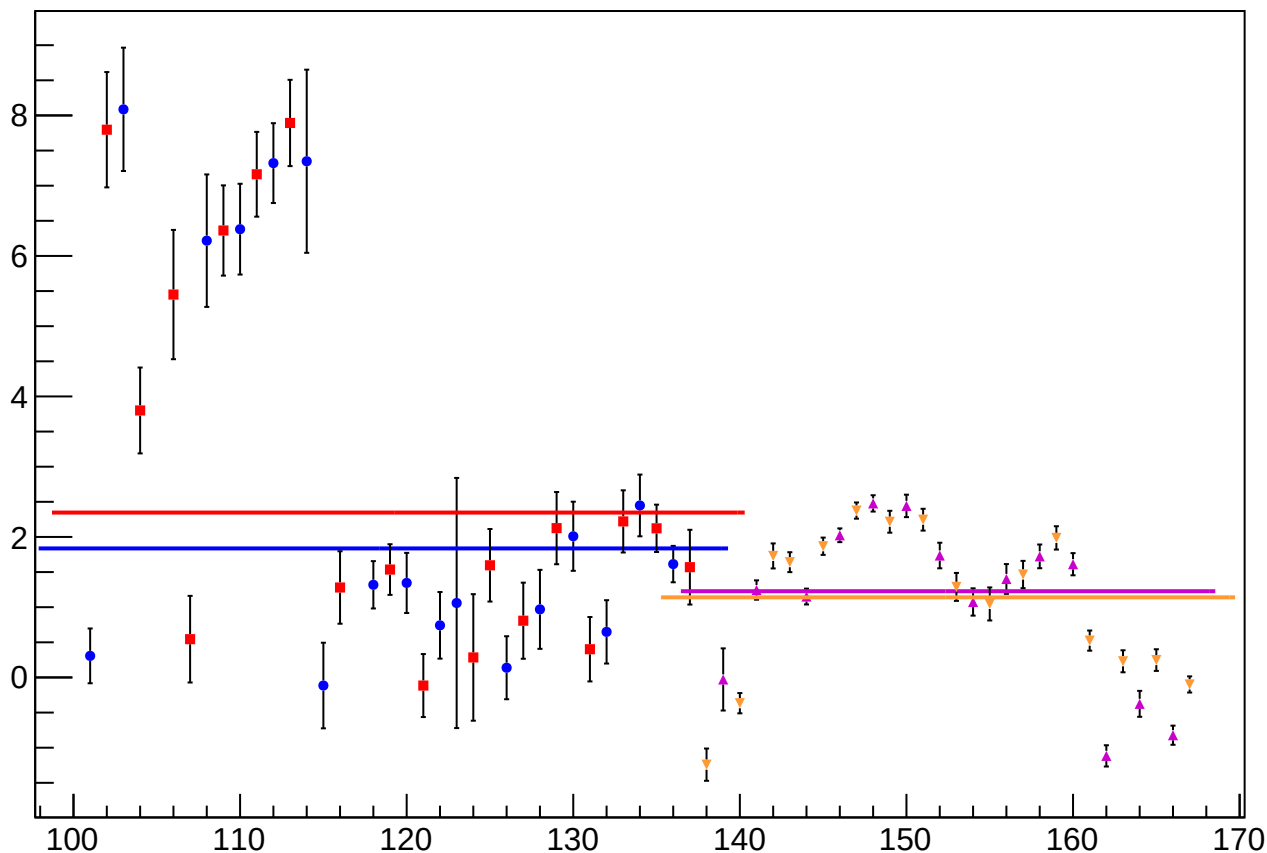
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.930 $\pm$ 0.053 χ^2 /NDF:1395.9/15
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.862 $\pm$ 0.056 χ^2 /NDF:1147.5/13

Left: 5.898 $\pm$ 0.038 χ^2 /NDF: 2544.2/29
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.862 $\pm$ 0.056 χ^2 /NDF:1147.5/13
 Out: 5.930 $\pm$ 0.053 χ^2 /NDF:1395.9/15
 All: 5.898 $\pm$ 0.038 χ^2 /NDF: 2544.2/29

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 1.140 ± 0.038 $\chi^2/\text{NDF}: 720.0/15$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 1.228 ± 0.040 $\chi^2/\text{NDF}: 813.7/13$

Left: 1.182 ± 0.028 $\chi^2/\text{NDF}: 1536.2/29$

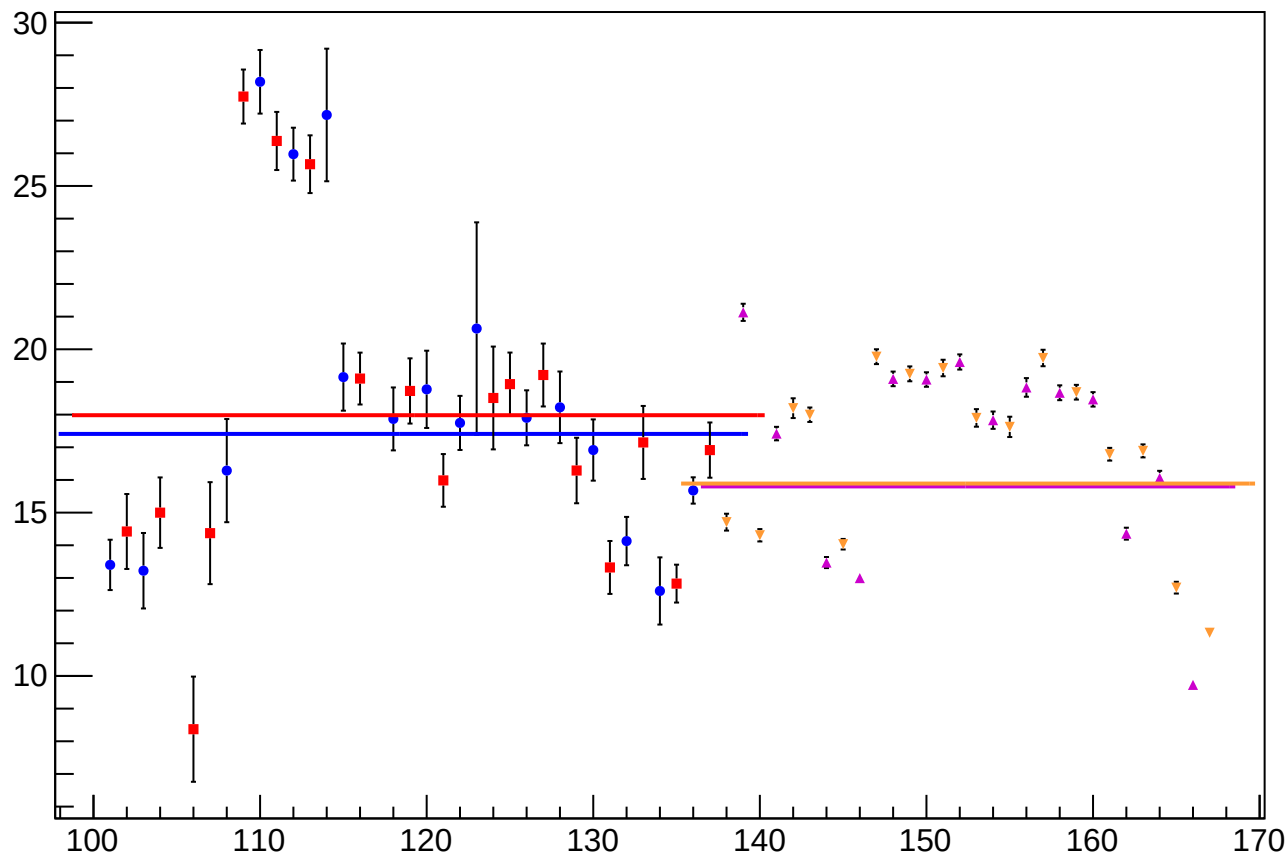
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 1.291 ± 0.038 $\chi^2/\text{NDF}: 1132.4/30$

Out: 1.247 ± 0.036 $\chi^2/\text{NDF}: 1138.1/33$

All: 1.268 ± 0.026 $\chi^2/\text{NDF}: 2271.3/64$

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: 17.982 ± 0.219 χ^2/NDF : 490.7/17

Left In: 15.802 ± 0.055 χ^2/NDF : 3794.9/13

Left: 15.847 ± 0.038 χ^2/NDF : 6811.5/29

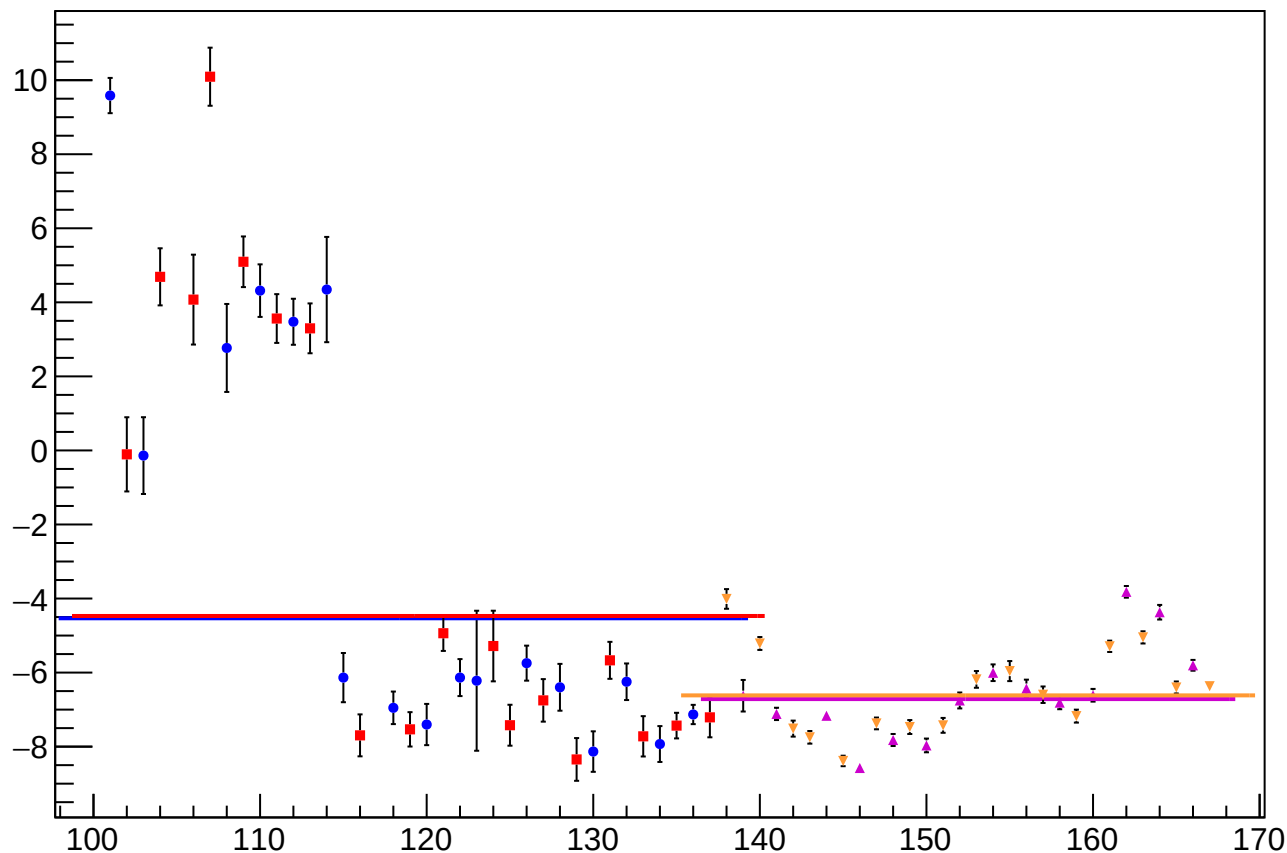
Right: 17.686 ± 0.152 χ^2/NDF : 859.3/34

In: 15.903 ± 0.053 χ^2/NDF : 4213.9/30

Out: 16.003 ± 0.051 χ^2/NDF : 3592.1/33

All: 15.955 ± 0.037 χ^2/NDF : 7807.8/64

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.616 ± 0.044 χ^2/NDF : 627.4/15

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.716 ± 0.046 χ^2/NDF : 863.1/13

Left: -6.663 ± 0.032 χ^2/NDF : 1492.9/29

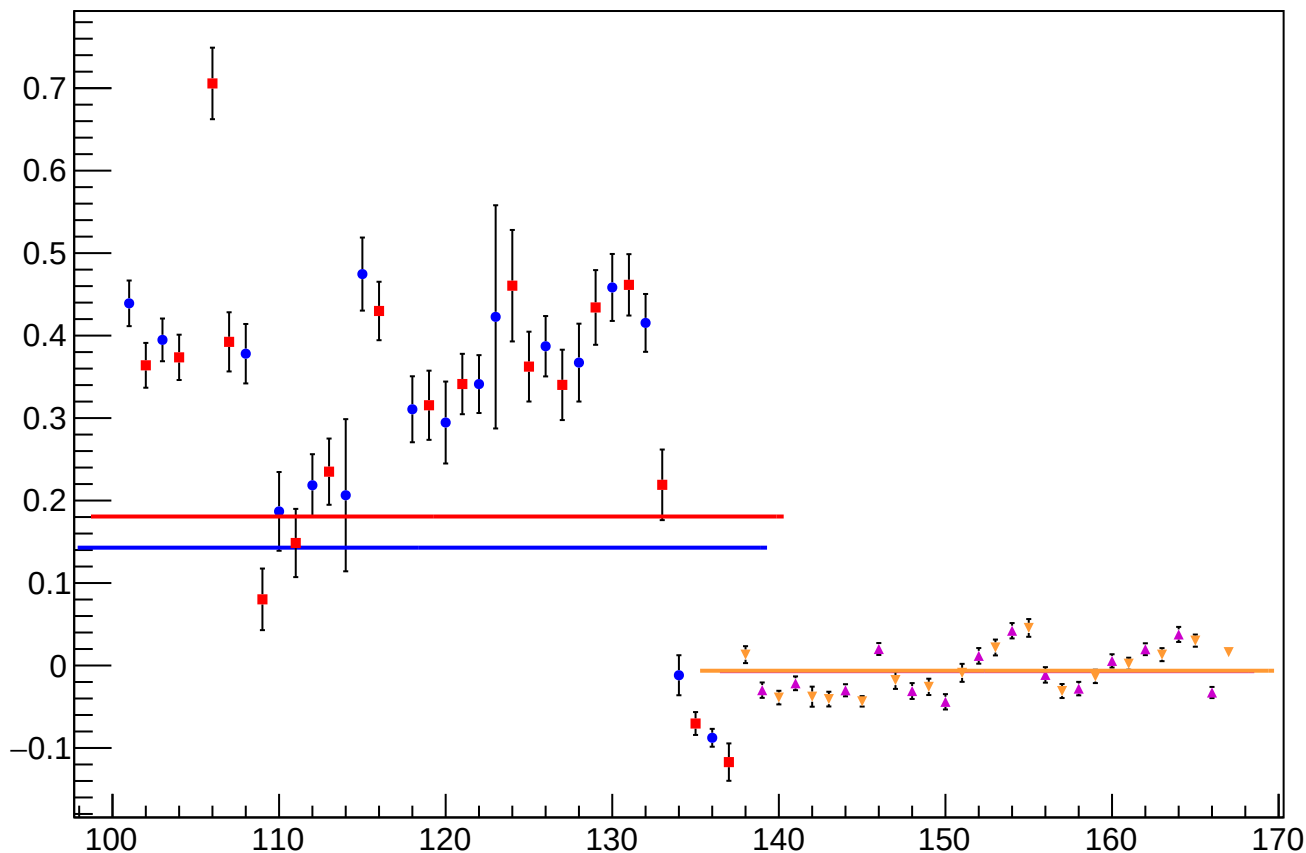
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.469 ± 0.044 χ^2/NDF : 2702.7/30

Out: -6.413 ± 0.042 χ^2/NDF : 2188.8/33

All: -6.440 ± 0.030 χ^2/NDF : 4892.4/64

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.006 ± 0.002 $\chi^2/\text{NDF}: 169.3/15$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.007 ± 0.002 $\chi^2/\text{NDF}: 148.2/13$

Left: -0.007 ± 0.002 $\chi^2/\text{NDF}: 317.5/29$

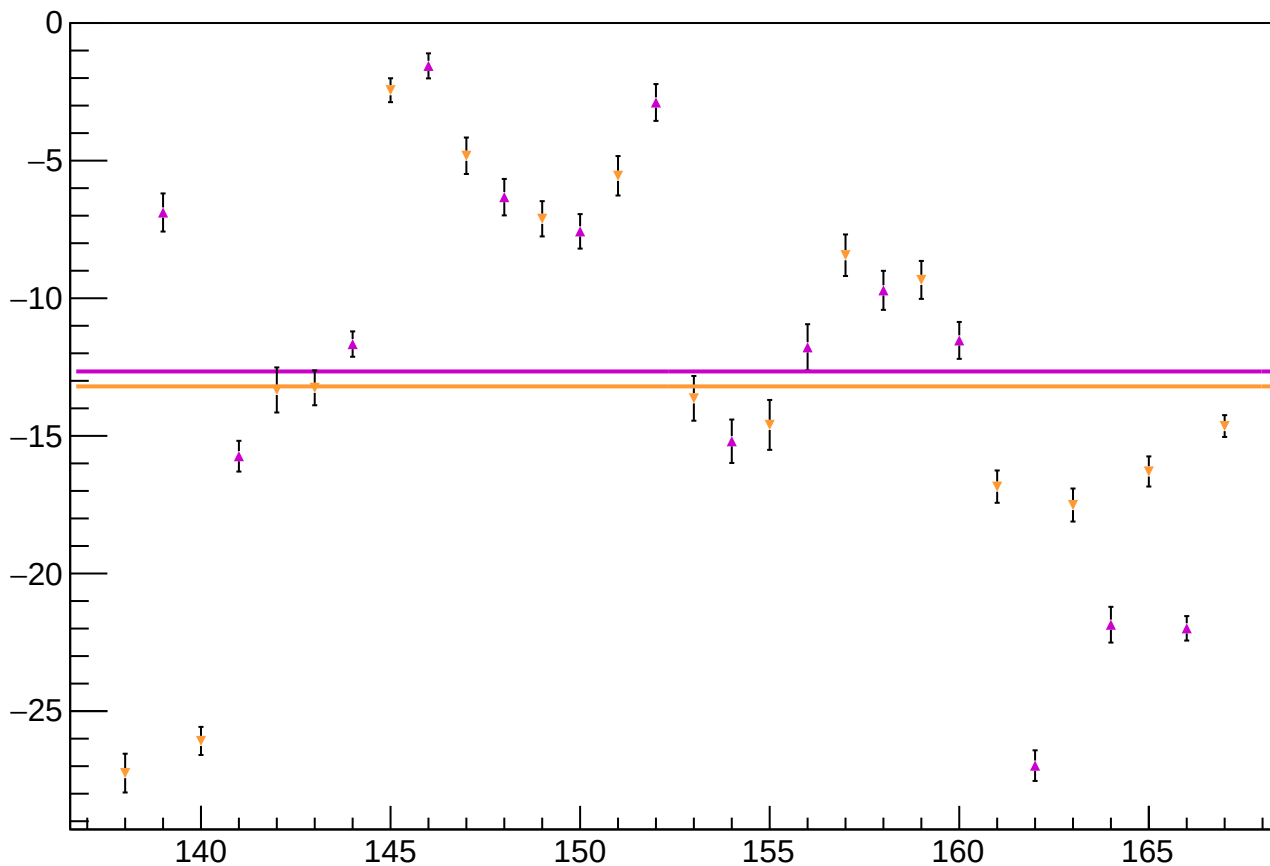
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.007 ± 0.002 $\chi^2/\text{NDF}: 1617.1/30$

Out: 0.007 ± 0.002 $\chi^2/\text{NDF}: 1764.0/33$

All: 0.007 ± 0.001 $\chi^2/\text{NDF}: 3381.1/64$

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: -12.659+/-0.158 χ^2/NDF :2409.2/13

Left: -12.944+/-0.109 χ^2/NDF : 4637.1/29

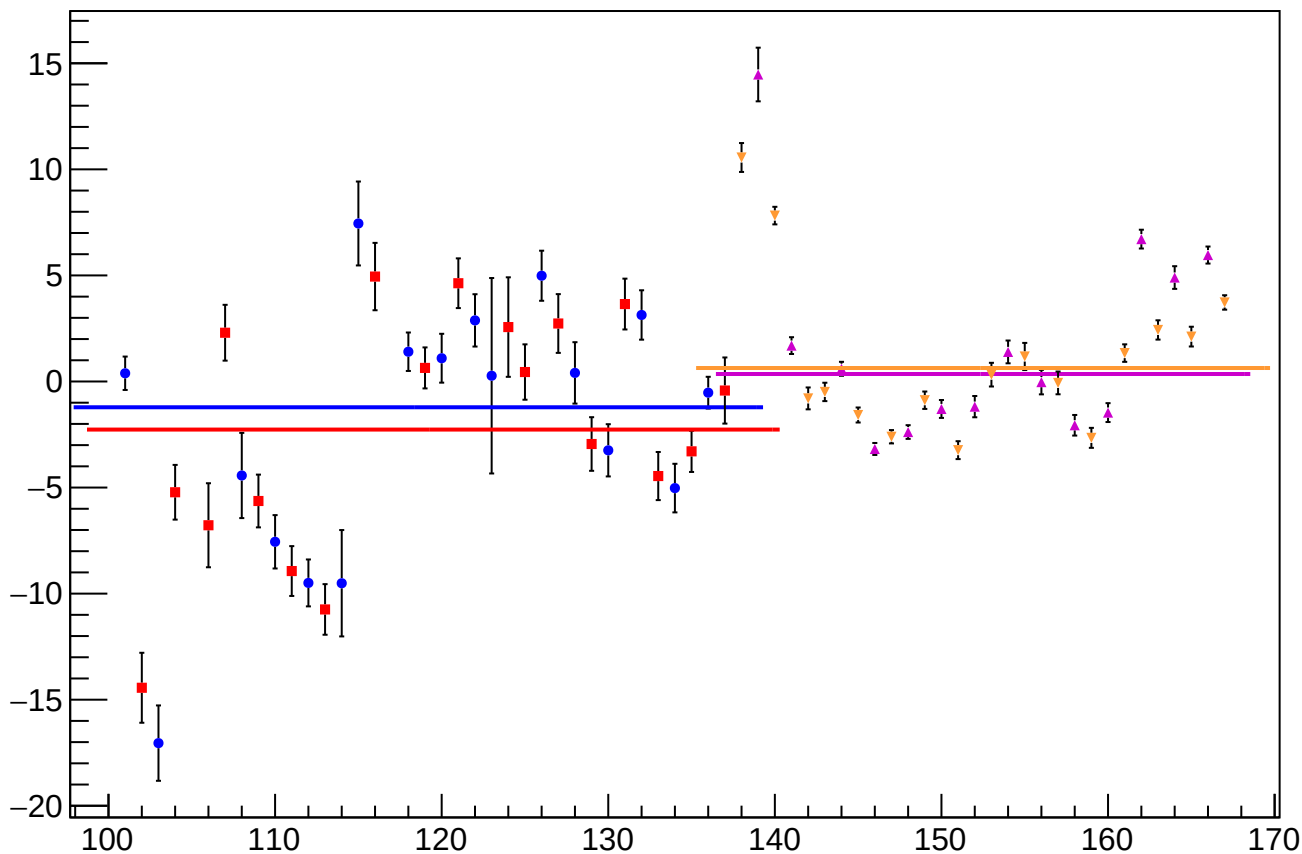
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.659+/-0.158 χ^2/NDF :2409.2/13

Out: -13.202+/-0.151 χ^2/NDF :2221.8/15

All: -12.944+/-0.109 χ^2/NDF : 4637.1/29

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: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 0.353 ± 0.113 χ^2/NDF : 908.5/13

Left: 0.499 ± 0.078 χ^2/NDF : 1845.6/29

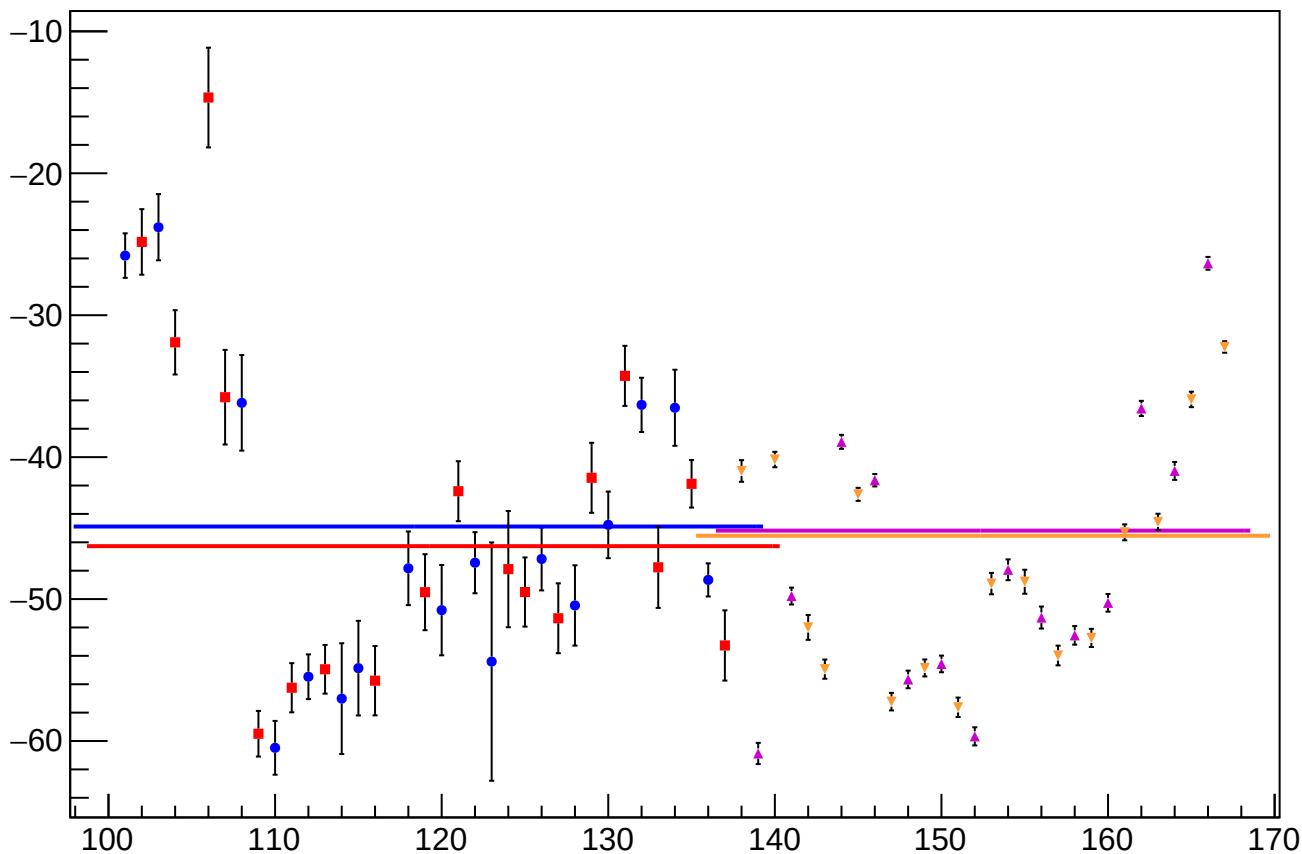
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.147 ± 0.105 χ^2/NDF : 1212.5/30

Out: 0.303 ± 0.102 χ^2/NDF : 1299.3/33

All: 0.227 ± 0.073 χ^2/NDF : 2512.9/64

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



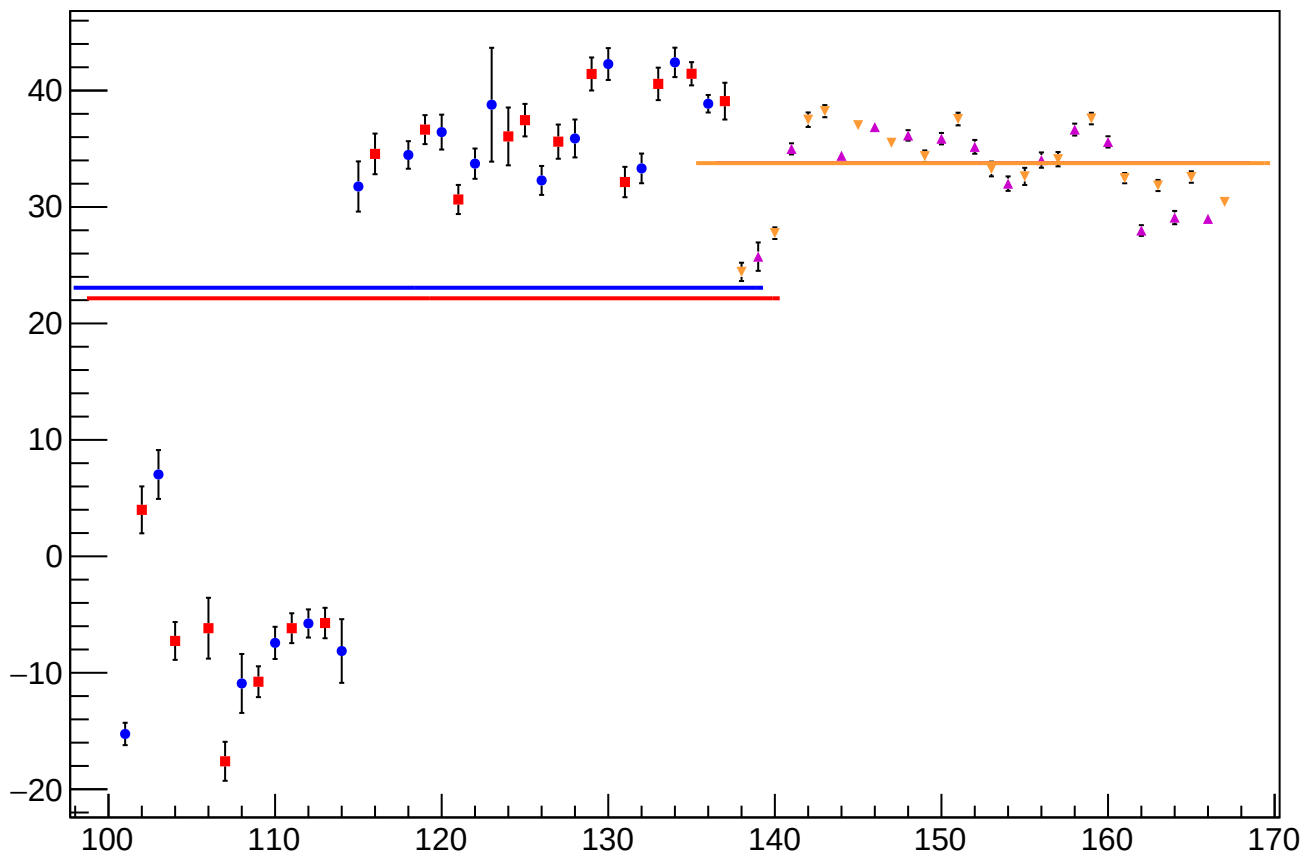
Right In: -44.888 +/- 0.523 χ^2/NDF : 420.4/16
 Left Out: -45.538 +/- 0.151 χ^2/NDF : 3029.0/15
 Right Out: -46.272 +/- 0.530 χ^2/NDF : 420.5/17
 Left In: -45.176 +/- 0.156 χ^2/NDF : 4084.4/13

Left: -45.363 +/- 0.108 χ^2/NDF : 7116.2/29
 Right: -45.572 +/- 0.372 χ^2/NDF : 844.4/34

In: -45.153 +/- 0.149 χ^2/NDF : 4505.1/30
 Out: -45.593 +/- 0.145 χ^2/NDF : 3451.4/33

All: -45.380 +/- 0.104 χ^2/NDF : 7960.9/64

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 33.767 $\pm$ 0.126 χ^2 /NDF: 697.4/15

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 33.776 $\pm$ 0.132 χ^2 /NDF: 582.2/13

Left: 33.771 $\pm$ 0.091 χ^2 /NDF: 1279.7/29

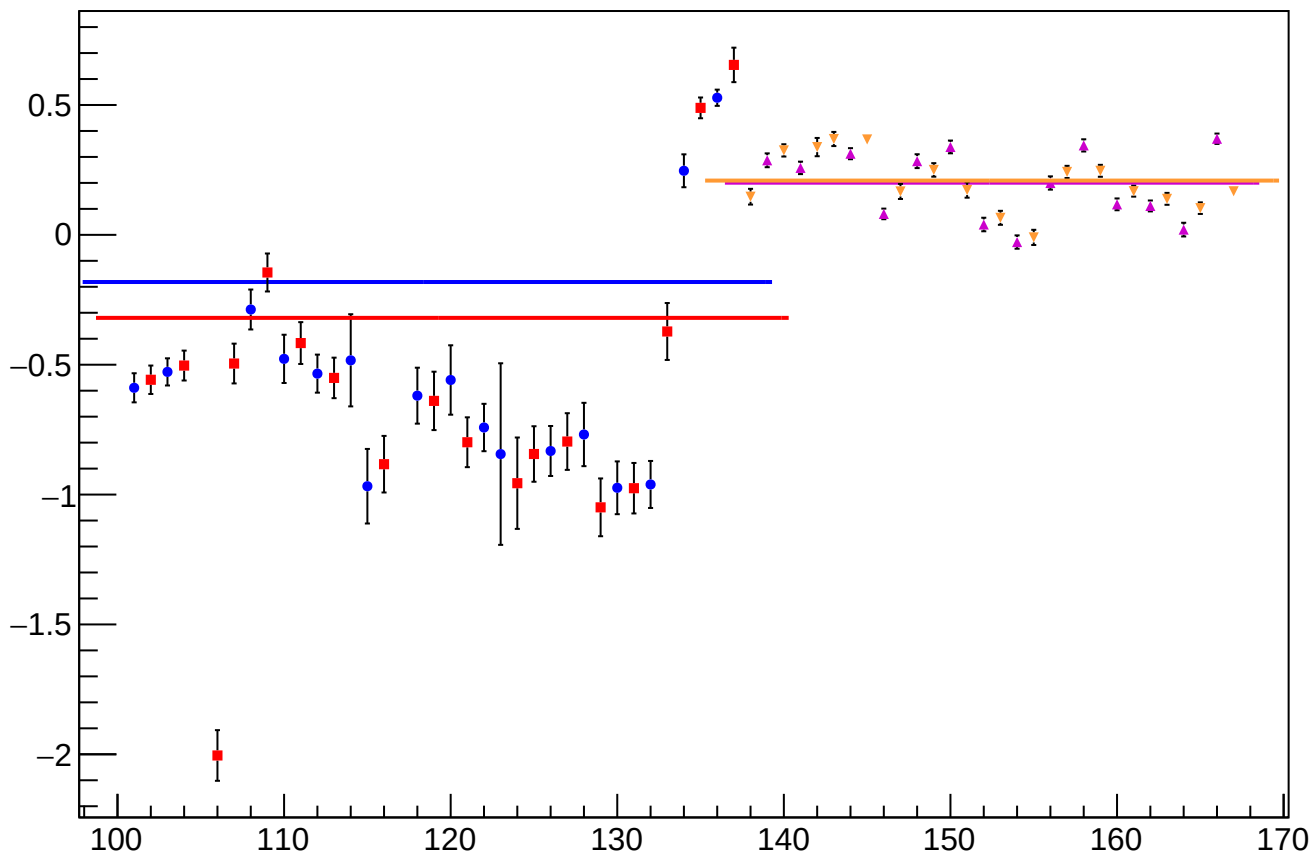
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.278 $\pm$ 0.122 χ^2 /NDF: 5841.0/30

Out: 32.356 $\pm$ 0.119 χ^2 /NDF: 5746.8/33

All: 32.318 $\pm$ 0.085 χ^2 /NDF: 11588.0/64

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.209 ± 0.006 χ^2/NDF : 290.3/15

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.201 ± 0.006 χ^2/NDF : 424.1/13

Left: 0.205 ± 0.004 χ^2/NDF : 715.2/29

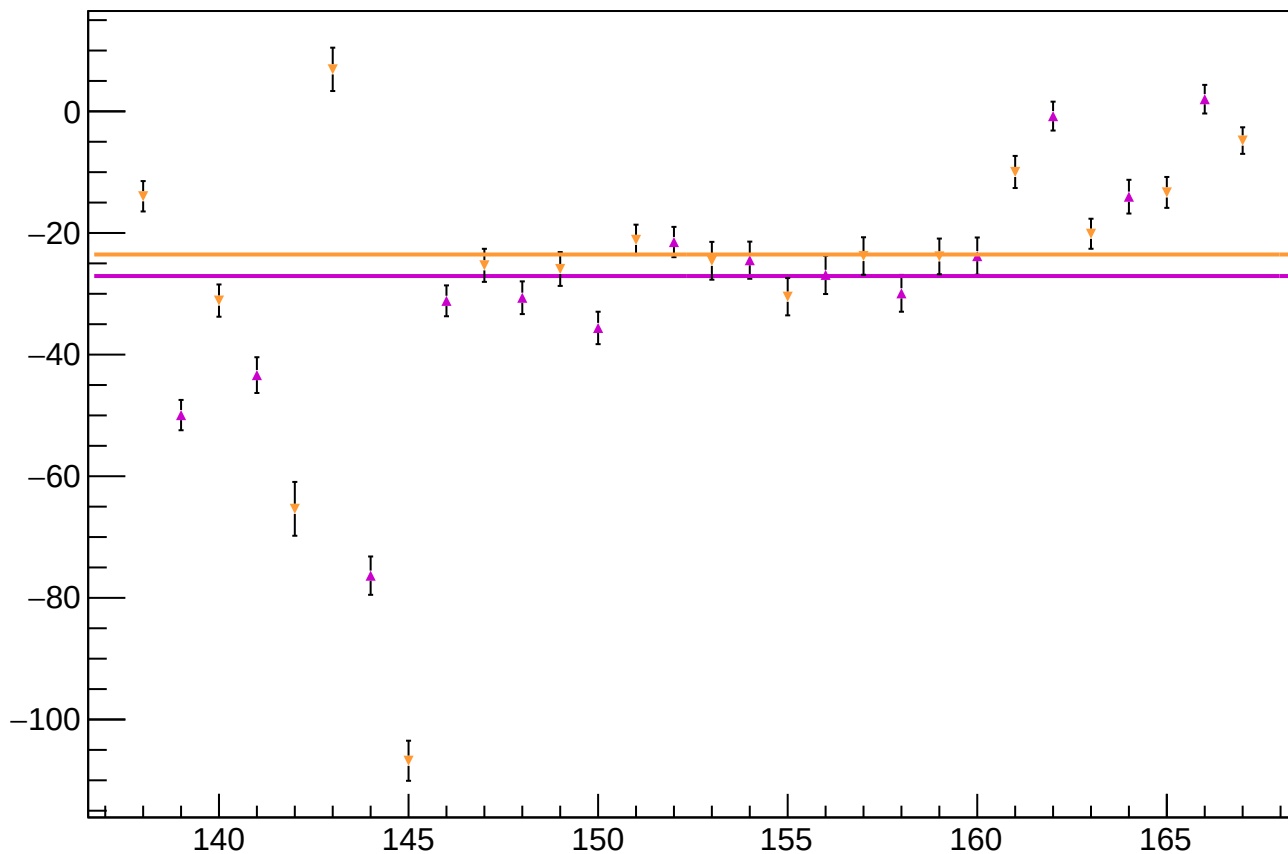
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.158 ± 0.006 χ^2/NDF : 1833.8/30

Out: 0.158 ± 0.006 χ^2/NDF : 2228.4/33

All: 0.158 ± 0.004 χ^2/NDF : 4062.2/64

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -23.540 ± 0.698 χ^2/NDF : 948.1/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -27.080 ± 0.729 χ^2/NDF : 678.8/13

Left: -25.235 ± 0.504 χ^2/NDF : 1639.2/29

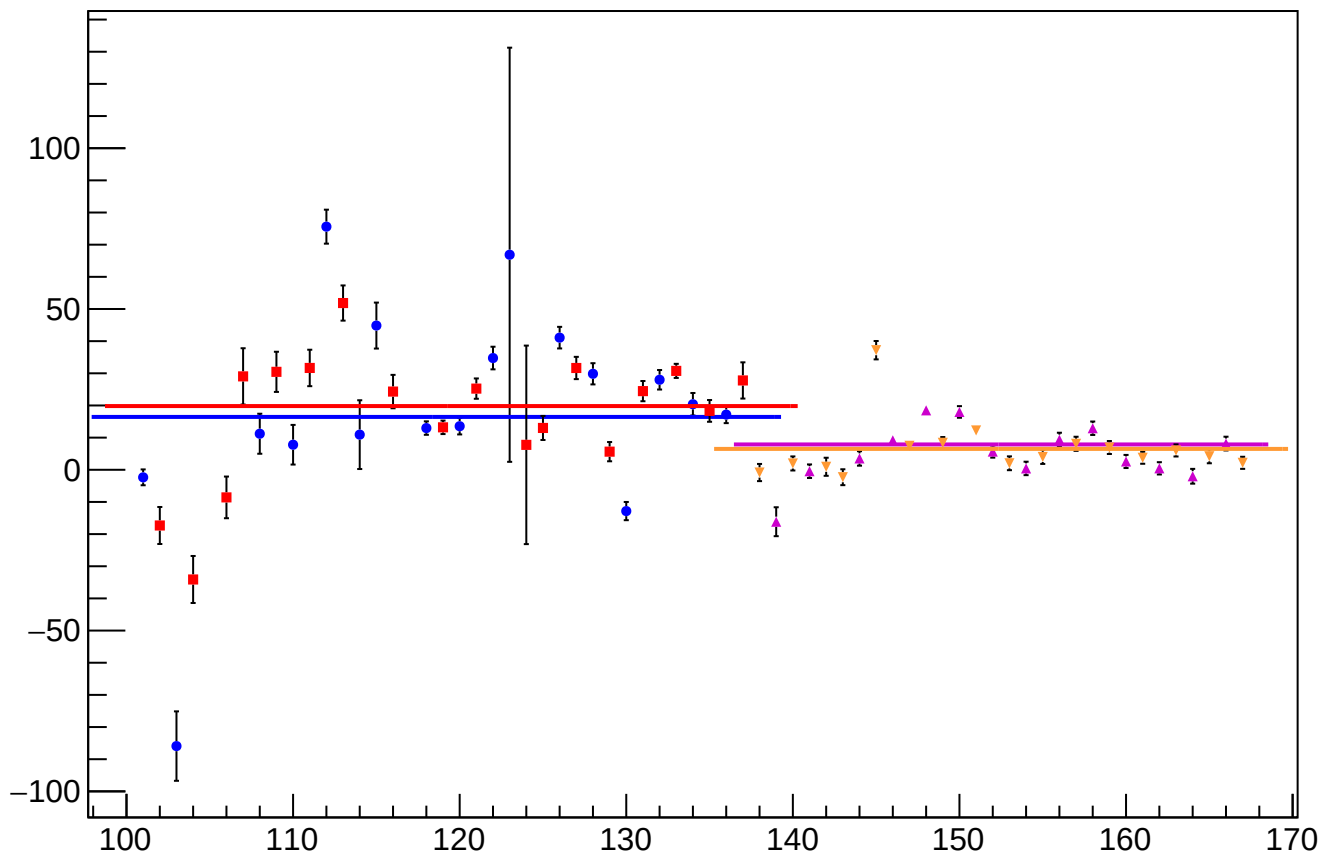
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -27.080 ± 0.729 χ^2/NDF : 678.8/13

Out: -23.540 ± 0.698 χ^2/NDF : 948.1/15

All: -25.235 ± 0.504 χ^2/NDF : 1639.2/29

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 χ^2/NDF : 516.9/16

Left Out: 6.493 ± 0.493 χ^2/NDF : 176.8/15

Right Out: 19.813 ± 0.899 χ^2/NDF : 238.5/17

Left In: 7.879 ± 0.520 χ^2/NDF : 206.6/13

Left: 7.148 ± 0.358 χ^2/NDF : 387.1/29

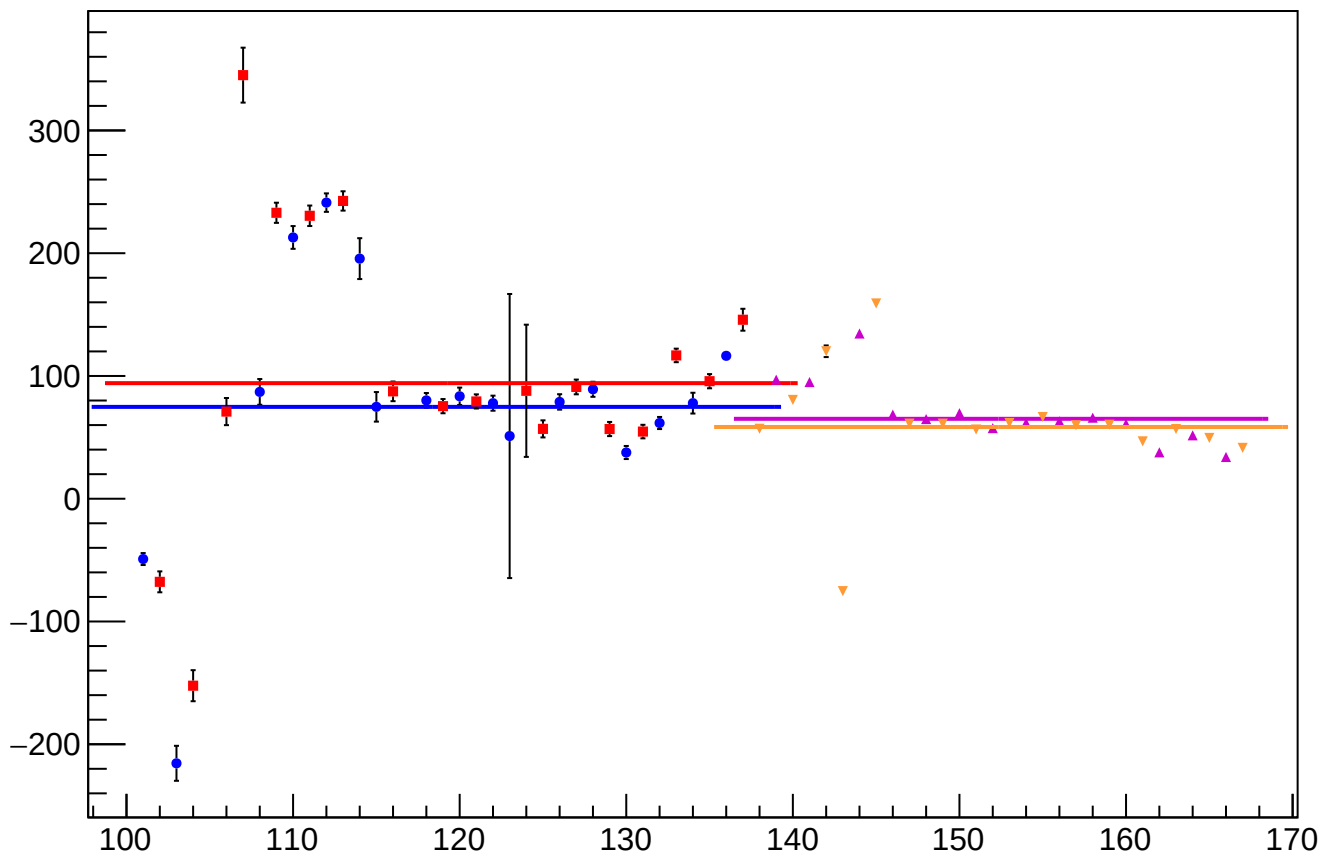
Right: 18.028 ± 0.617 χ^2/NDF : 762.9/34

In: 10.219 ± 0.444 χ^2/NDF : 797.5/30

Out: 9.571 ± 0.432 χ^2/NDF : 584.0/33

All: 9.887 ± 0.310 χ^2/NDF : 1382.6/64

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 58.454 $\pm$ 0.685 χ^2 /NDF: 2437.1/15

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 65.102 $\pm$ 0.710 χ^2 /NDF: 1011.6/13

Left: 61.662 $\pm$ 0.493 χ^2 /NDF: 3494.1/29

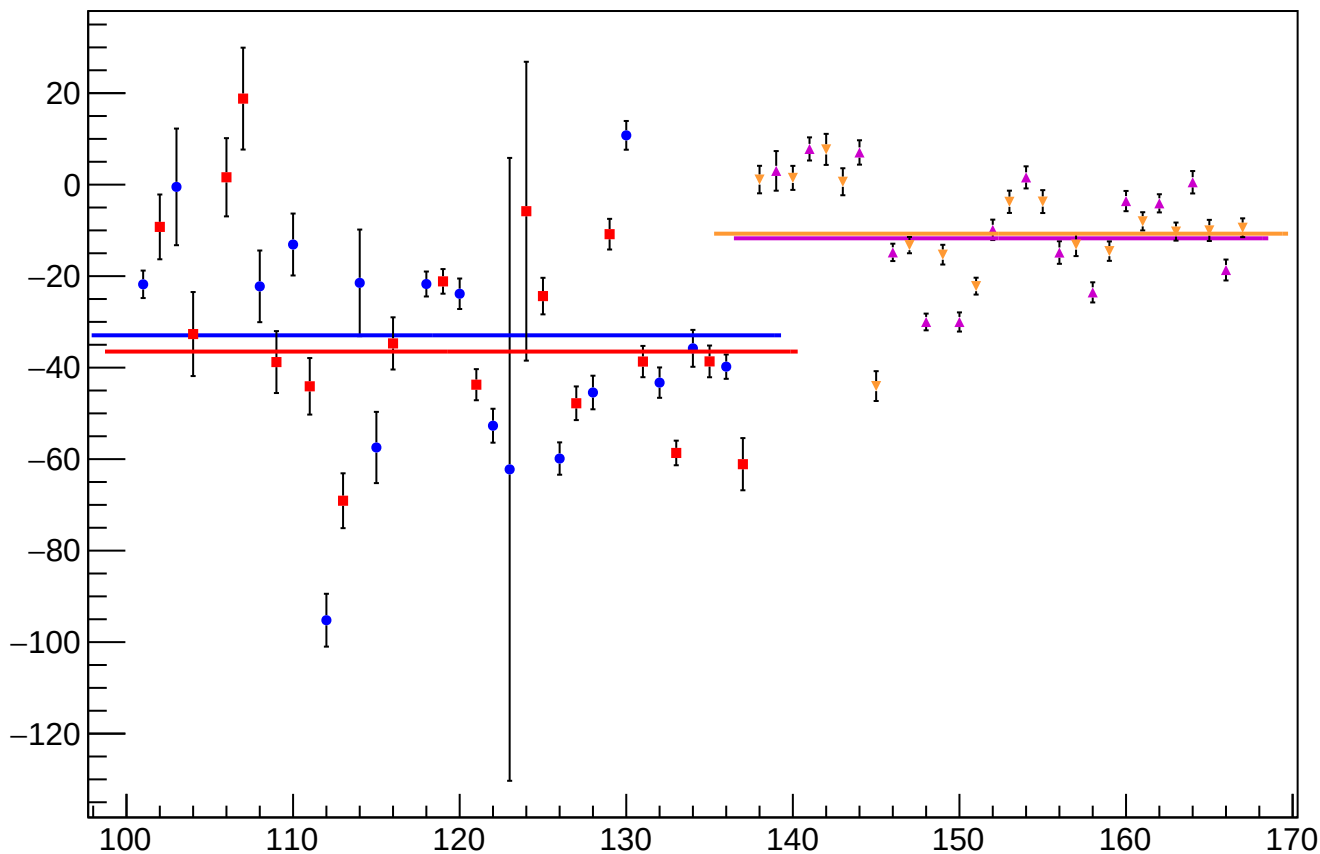
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 66.637 $\pm$ 0.651 χ^2 /NDF: 3038.1/30

Out: 63.344 $\pm$ 0.637 χ^2 /NDF: 4778.0/33

All: 64.954 $\pm$ 0.455 χ^2 /NDF: 7829.2/64

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.718 ± 0.576 χ^2/NDF : 253.4/15

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -11.732 ± 0.607 χ^2/NDF : 424.1/13

Left: -11.198 ± 0.418 χ^2/NDF : 679.0/29

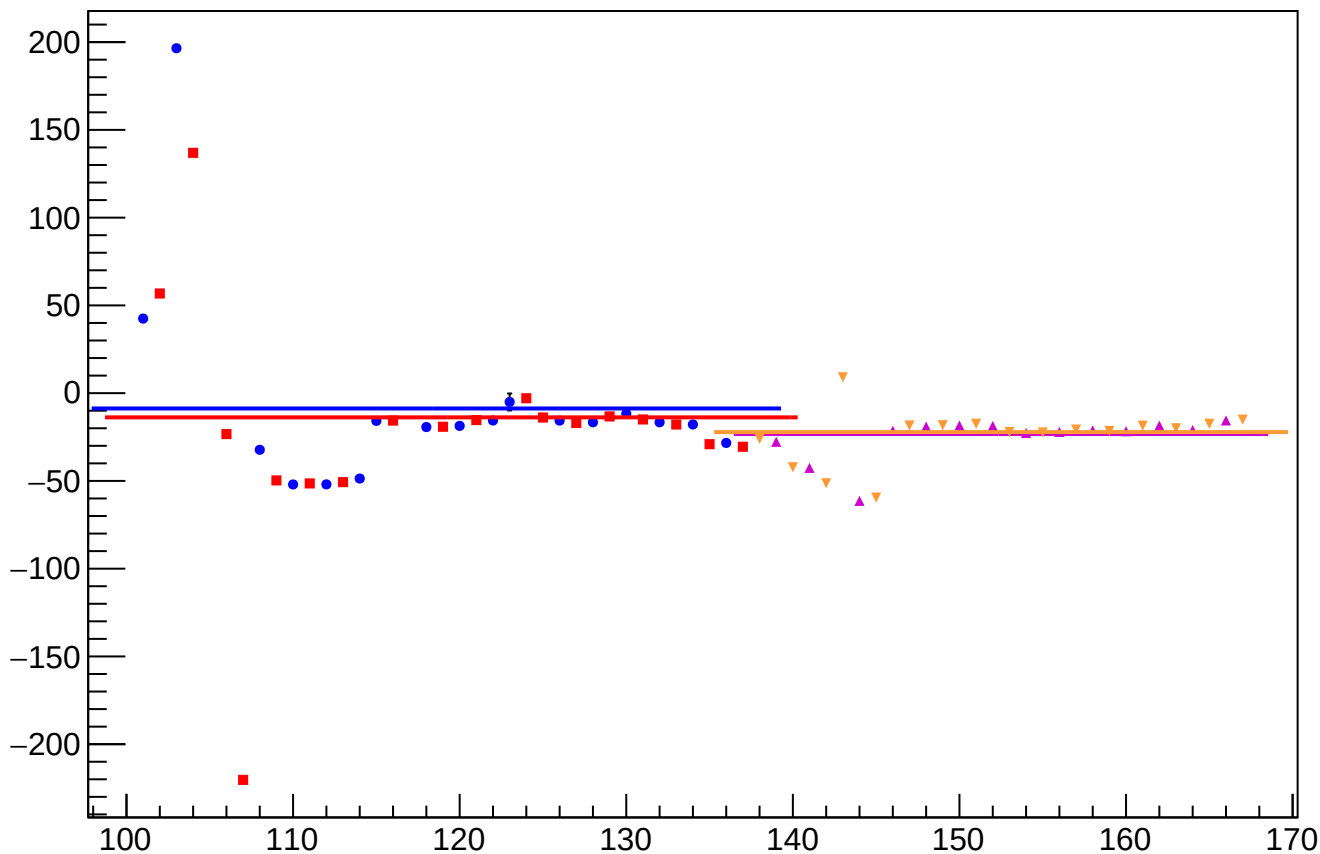
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -17.668 ± 0.515 χ^2/NDF : 1256.6/30

Out: -16.881 ± 0.502 χ^2/NDF : 1026.0/33

All: -17.265 ± 0.360 χ^2/NDF : 2283.8/64

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -22.180 ± 0.027 $\chi^2/\text{NDF}: 184311.3/15$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -23.290 ± 0.028 $\chi^2/\text{NDF}: 107683.7/13$

Left: -22.714 ± 0.019 $\chi^2/\text{NDF}: 292808.3/29$

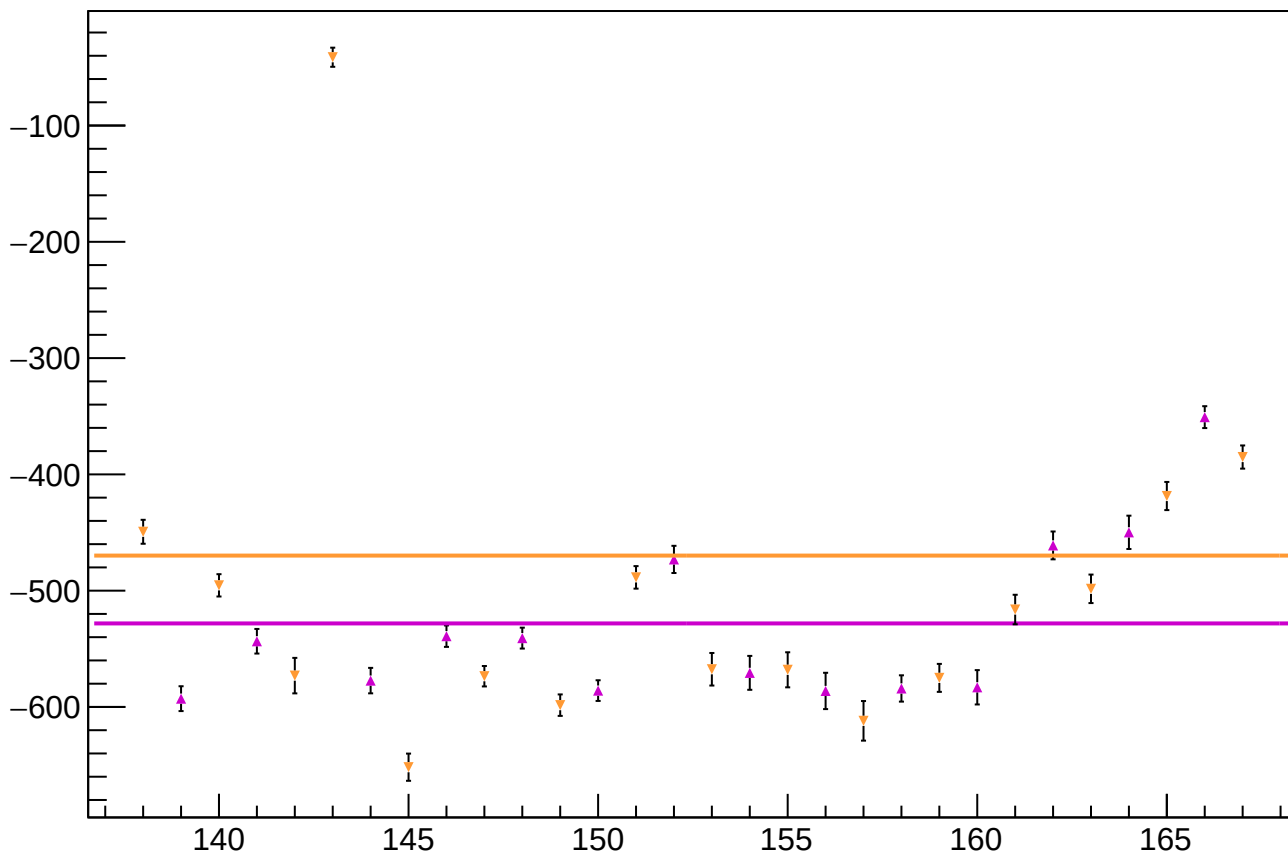
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -20.598 ± 0.025 $\chi^2/\text{NDF}: 733439.7/30$

Out: -20.848 ± 0.025 $\chi^2/\text{NDF}: 749036.0/33$

All: -20.726 ± 0.018 $\chi^2/\text{NDF}: 1482525.5/64$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -469.828 ± 2.756 χ^2/NDF : 3697.2/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -528.171 ± 2.955 χ^2/NDF : 604.2/13

Left: -496.967 ± 2.016 χ^2/NDF : 4509.9/29

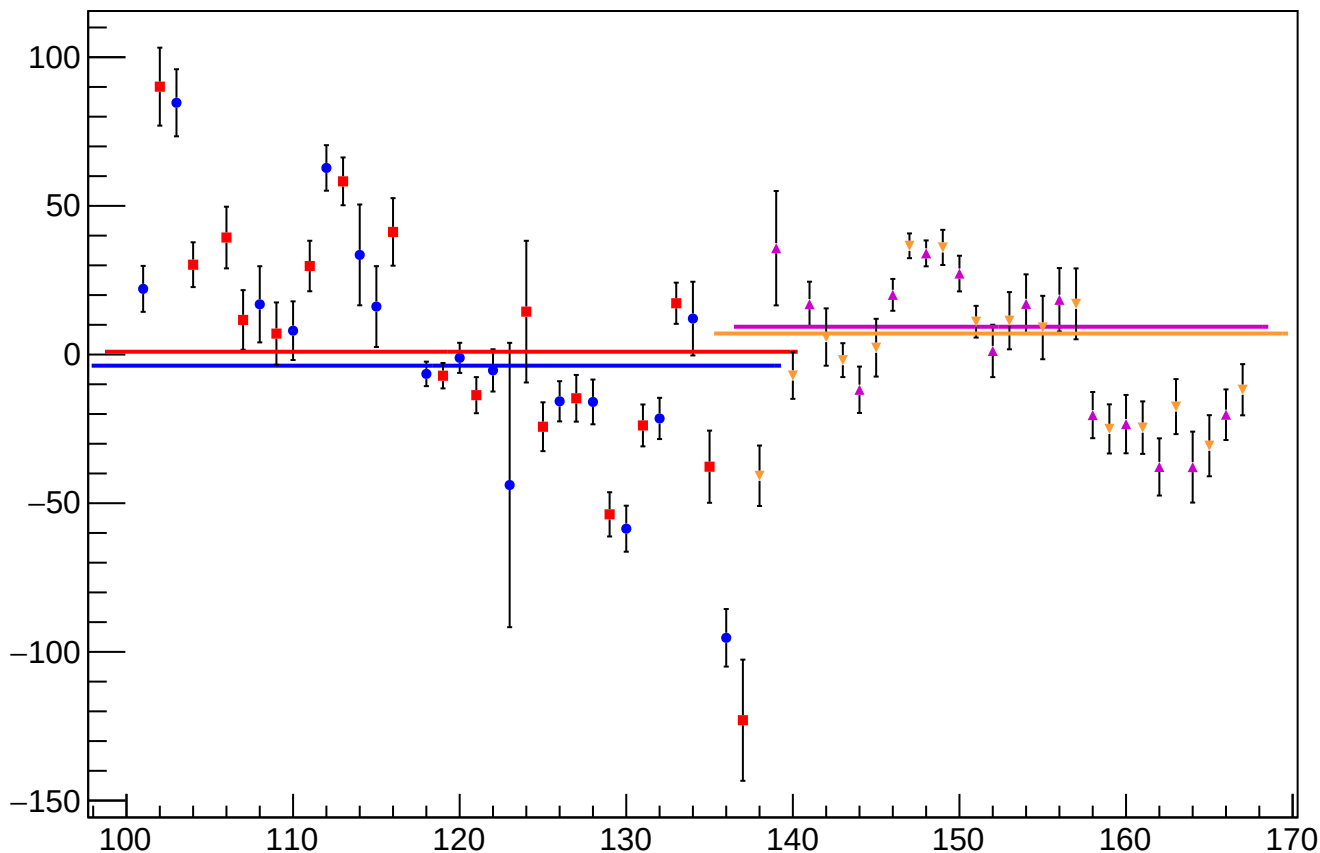
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -528.171 ± 2.955 χ^2/NDF : 604.2/13

Out: -469.828 ± 2.756 χ^2/NDF : 3697.2/15

All: -496.967 ± 2.016 χ^2/NDF : 4509.9/29

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 7.069 ± 1.863 χ^2/NDF : 157.1/15

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 9.350 ± 2.031 χ^2/NDF : 135.0/13

Left: 8.111 ± 1.373 χ^2/NDF : 292.8/29

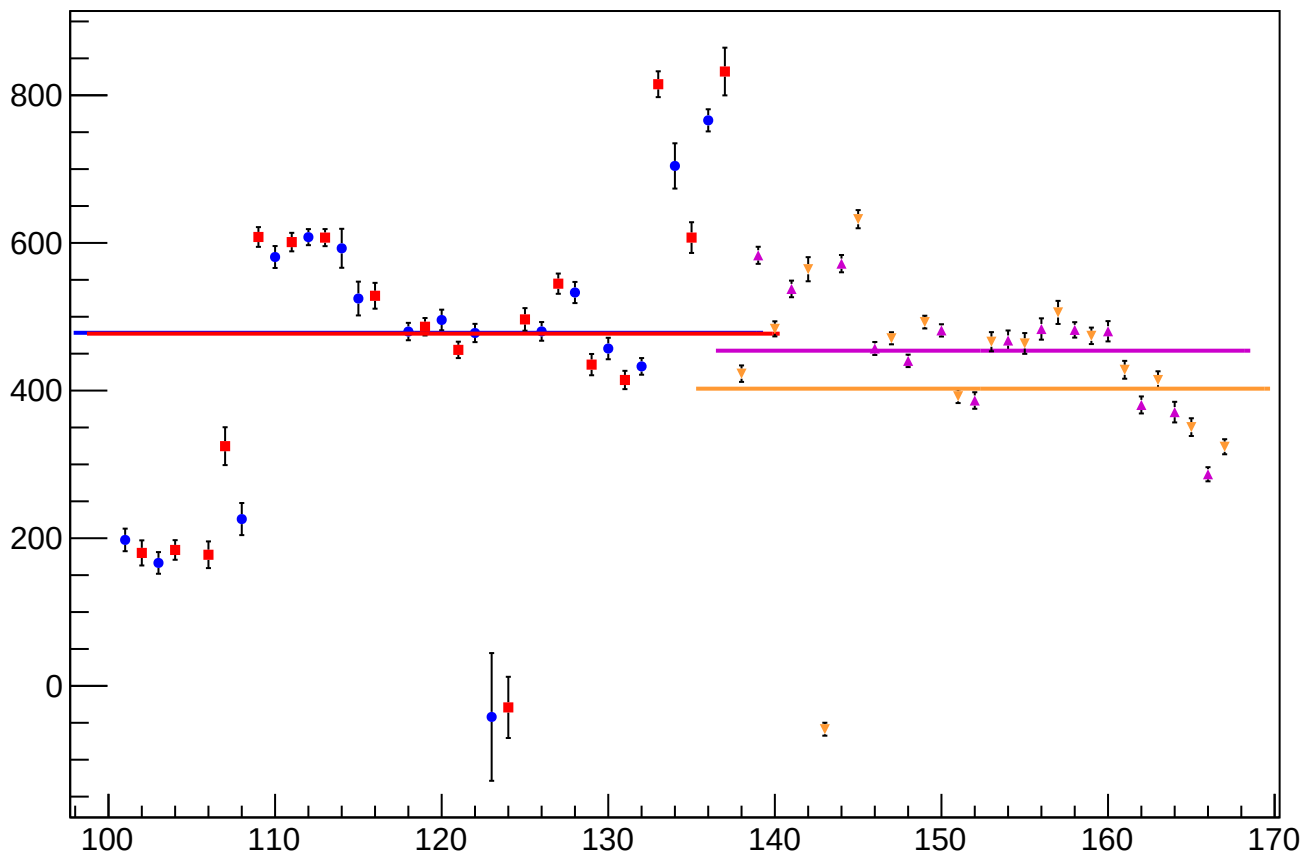
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.341 ± 1.384 χ^2/NDF : 471.4/30

Out: 4.098 ± 1.336 χ^2/NDF : 456.0/33

All: 3.251 ± 0.961 χ^2/NDF : 928.2/64

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 402.588+/-2.726 χ^2/NDF : 3667.5/15

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 454.036+/-2.883 χ^2/NDF : 728.8/13

Left: 426.873+/-1.981 χ^2/NDF : 4564.4/29

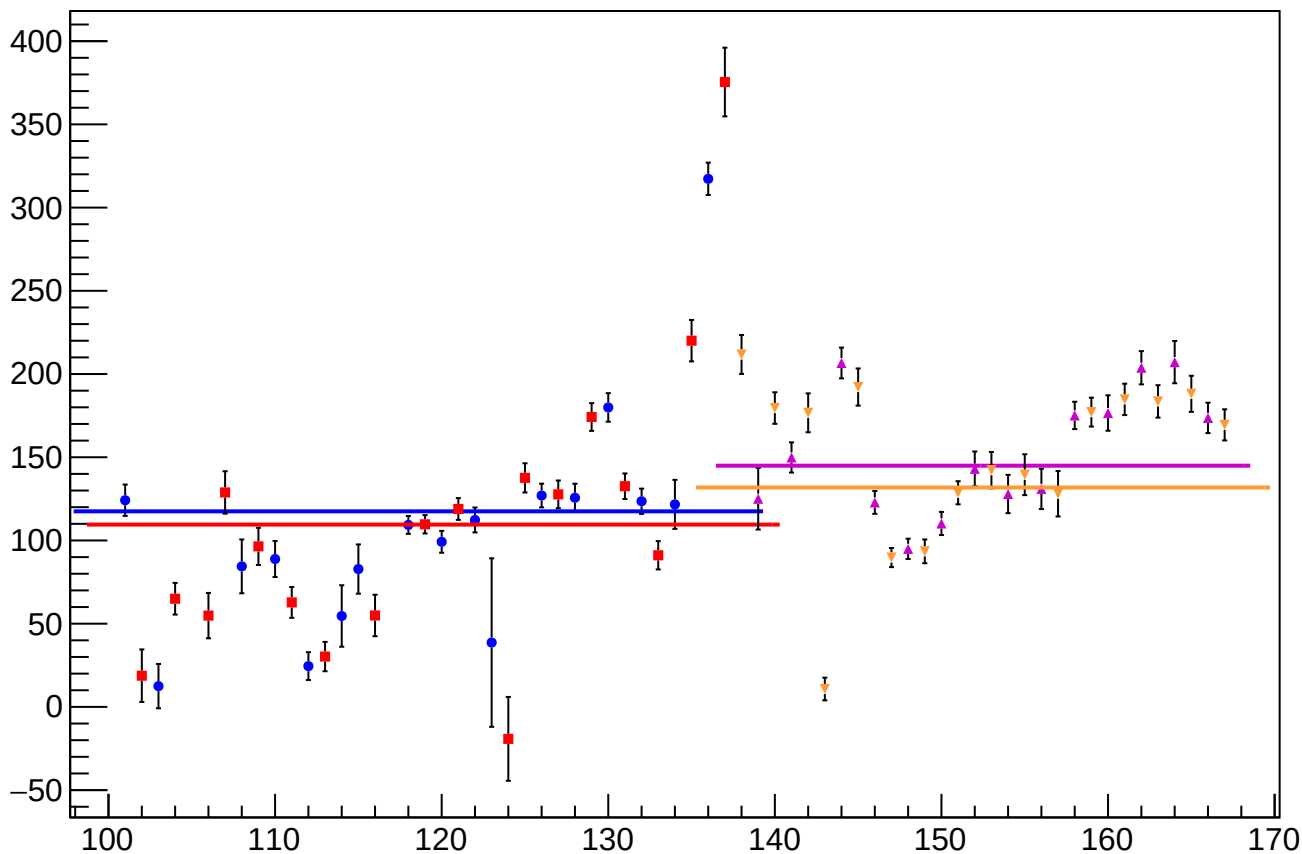
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 463.383+/-2.260 χ^2/NDF : 2383.9/30

Out: 430.313+/-2.160 χ^2/NDF : 6121.3/33

All: 446.104+/-1.561 χ^2/NDF : 8617.2/64

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 131.821 $\pm$ 2.228 χ^2 /NDF:645.9/15

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 144.923 $\pm$ 2.418 χ^2 /NDF:243.0/13

Left: 137.839 $\pm$ 1.639 χ^2 /NDF: 904.8/29

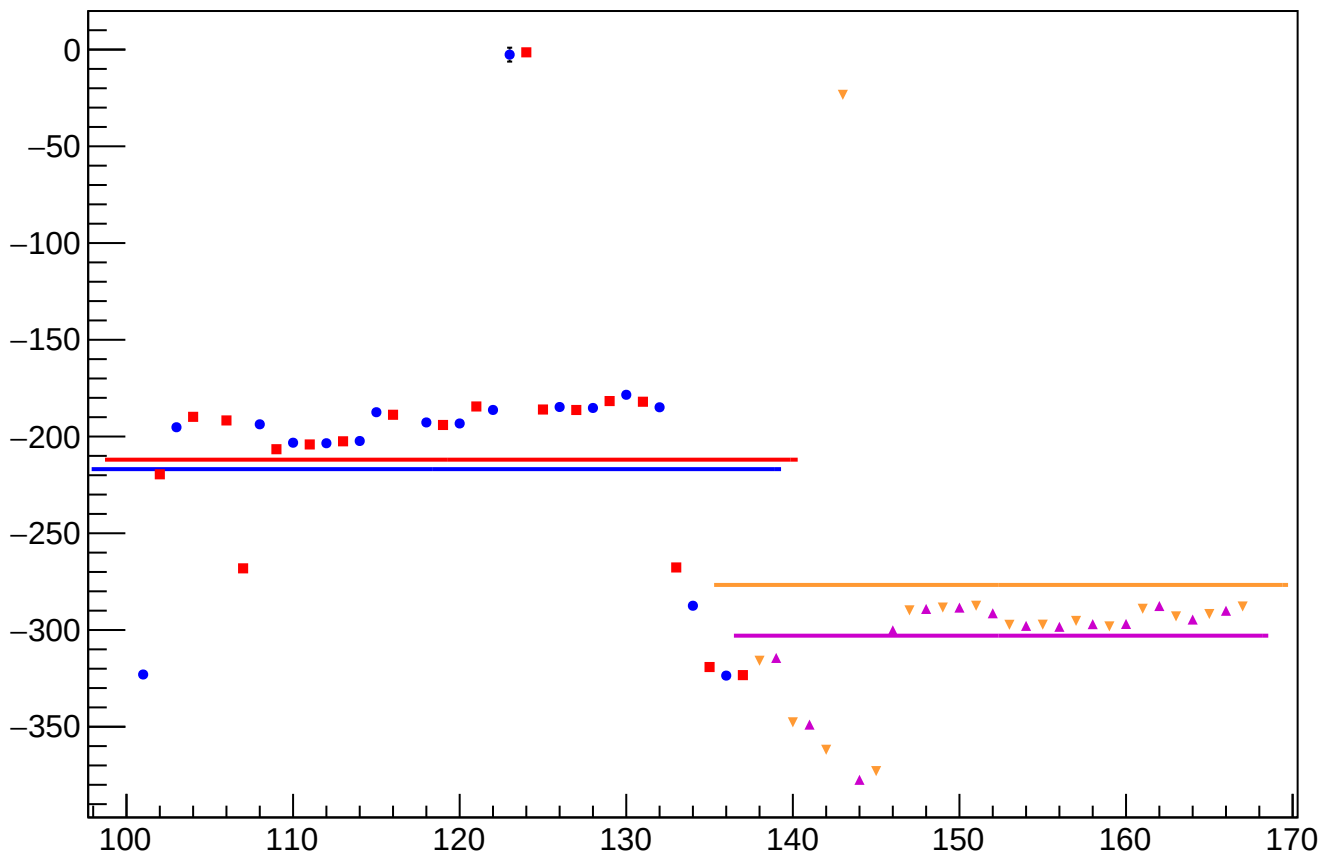
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 129.909 $\pm$ 1.626 χ^2 /NDF:1019.4/30

Out: 120.578 $\pm$ 1.569 χ^2 /NDF:1258.5/33

All: 125.075 $\pm$ 1.129 χ^2 /NDF: 2295.0/64

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -276.699 ± 0.110 $\chi^2/\text{NDF}: 620602.7/15$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -302.928 ± 0.116 $\chi^2/\text{NDF}: 38829.6/13$

Left: -289.112 ± 0.080 $\chi^2/\text{NDF}: 686376.8/29$

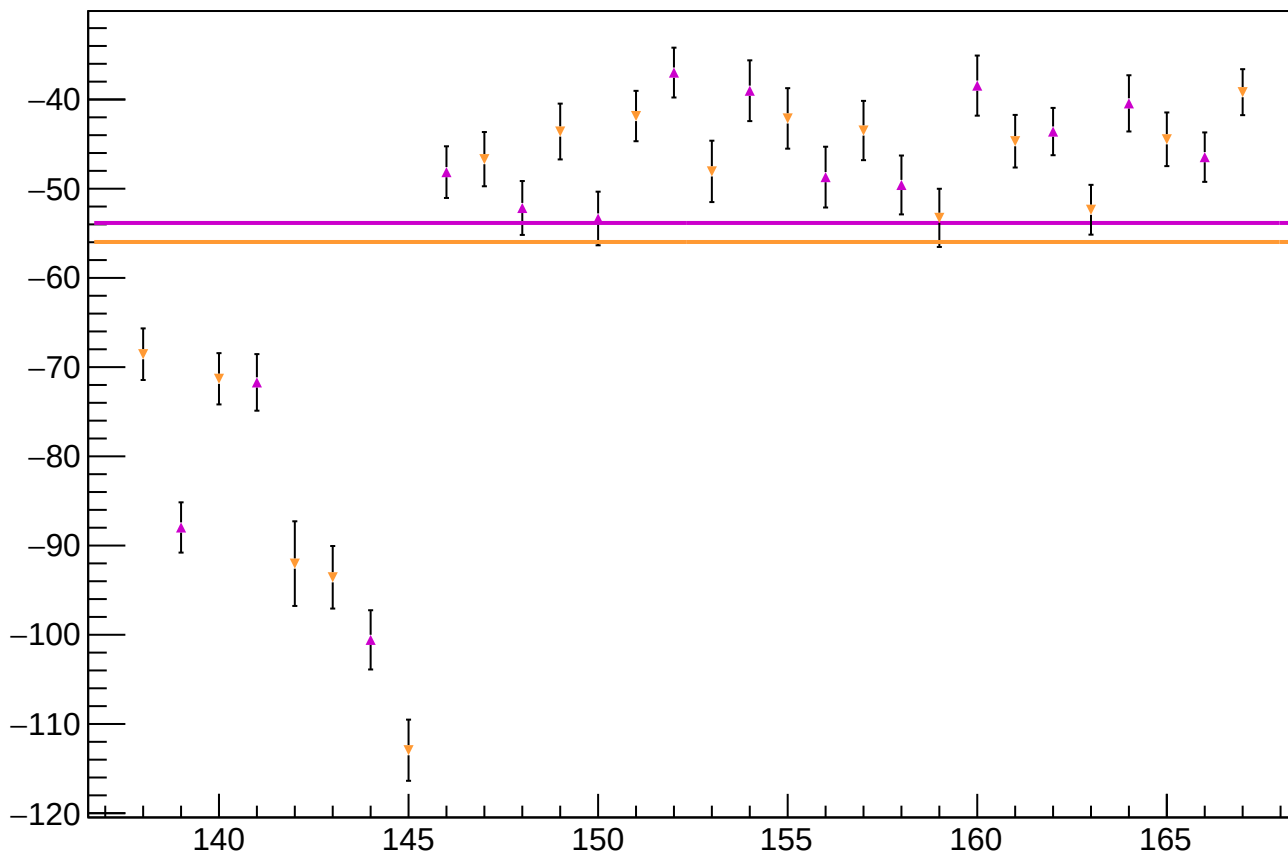
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -266.646 ± 0.088 $\chi^2/\text{NDF}: 417948.5/30$

Out: -249.868 ± 0.084 $\chi^2/\text{NDF}: 876449.1/33$

All: -257.859 ± 0.061 $\chi^2/\text{NDF}: 1313345.3/64$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -55.972 ± 0.779 $\chi^2/\text{NDF}: 656.4/15$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -53.840 ± 0.814 $\chi^2/\text{NDF}: 501.1/13$

Left: -54.953 ± 0.563 $\chi^2/\text{NDF}: 1161.1/29$

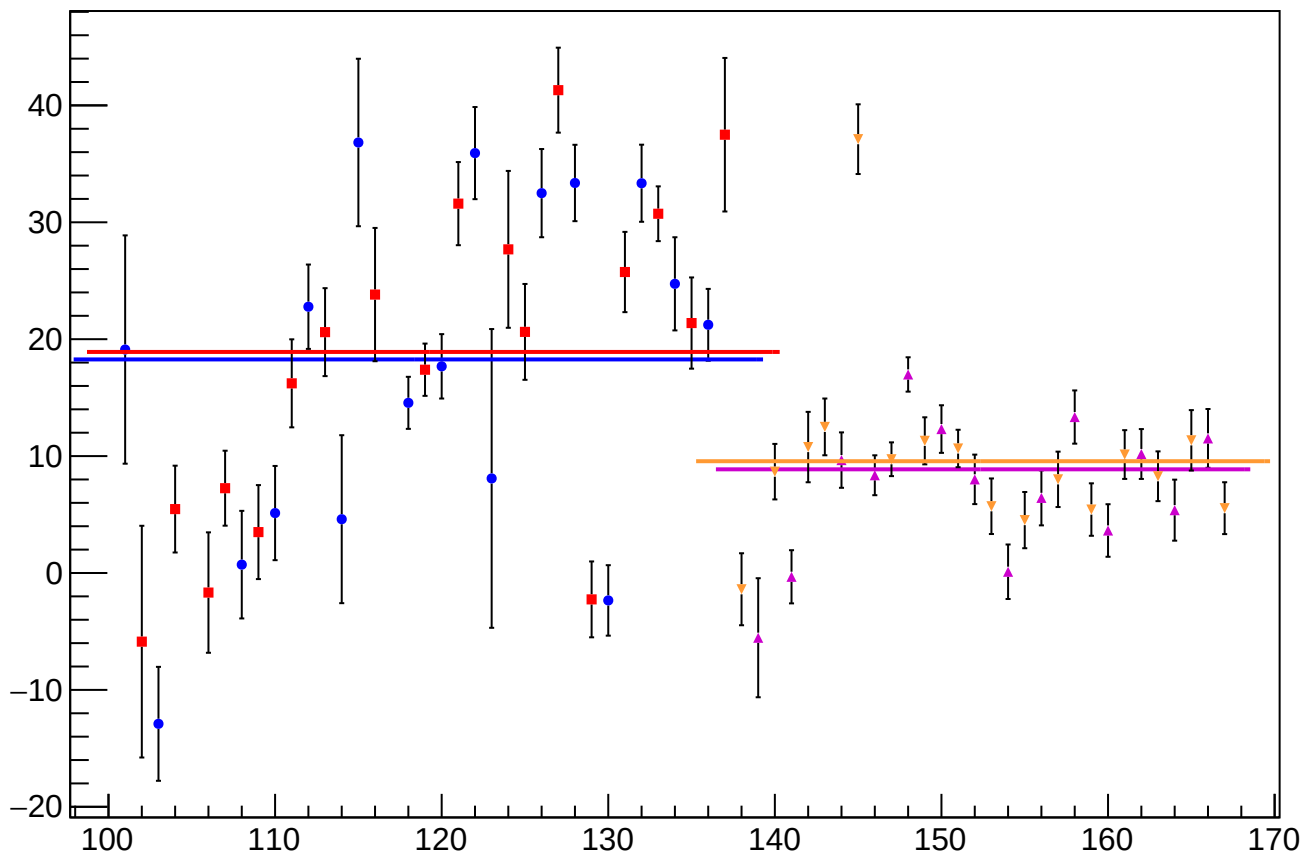
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -53.840 ± 0.814 $\chi^2/\text{NDF}: 501.1/13$

Out: -55.972 ± 0.779 $\chi^2/\text{NDF}: 656.4/15$

All: -54.953 ± 0.563 $\chi^2/\text{NDF}: 1161.1/29$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.562 ± 0.549 χ^2/NDF : 116.0/15

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 8.868 ± 0.581 χ^2/NDF : 85.8/13

Left: 9.235 ± 0.399 χ^2/NDF : 202.6/29

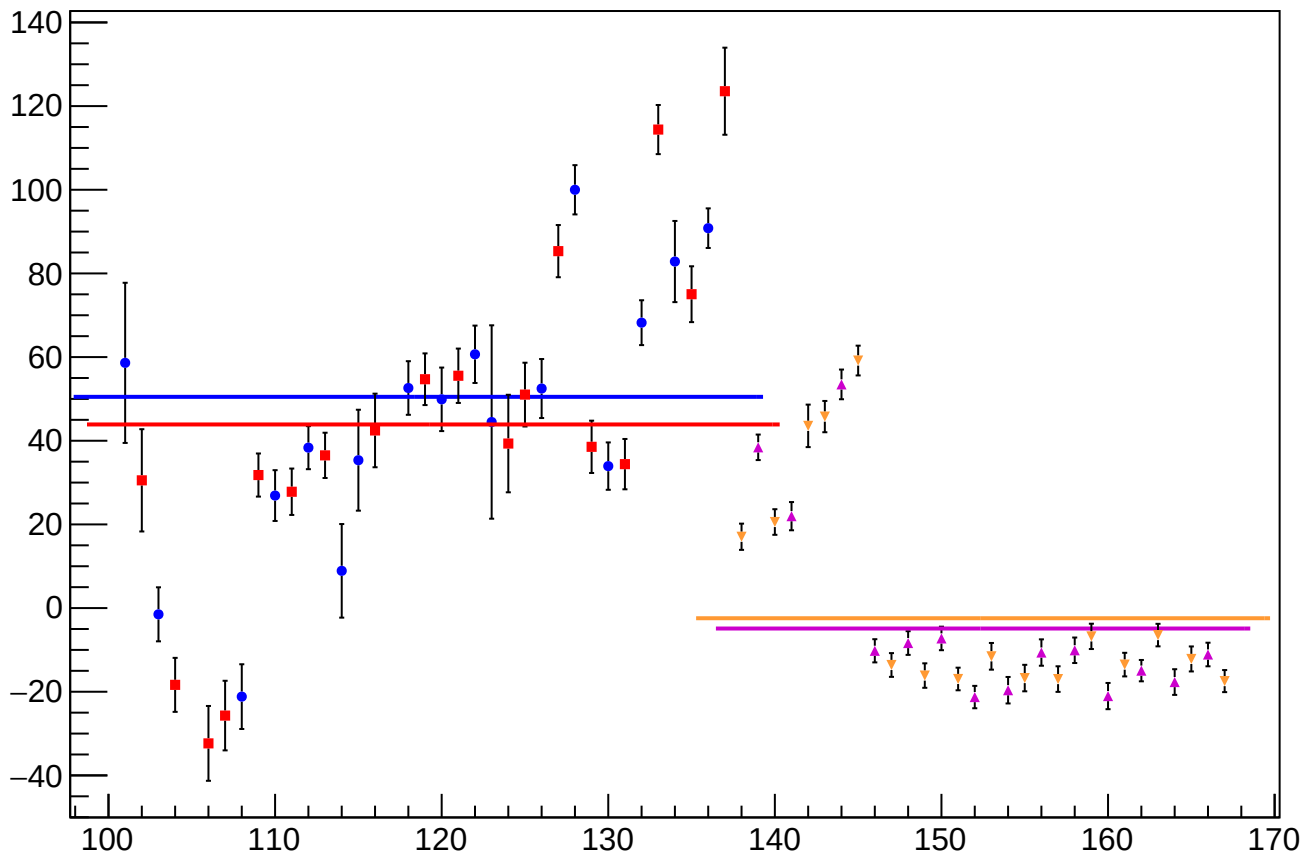
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.605 ± 0.489 χ^2/NDF : 370.3/30

Out: 12.248 ± 0.463 χ^2/NDF : 397.5/33

All: 11.944 ± 0.336 χ^2/NDF : 768.8/64

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: -2.430 ± 0.765 $\chi^2/\text{NDF}: 822.7/15$

Right Out: 43.895 ± 1.604 $\chi^2/\text{NDF}: 531.7/17$

Left In: -4.887 ± 0.793 $\chi^2/\text{NDF}: 670.9/13$

Left: -3.615 ± 0.551 $\chi^2/\text{NDF}: 1498.7/29$

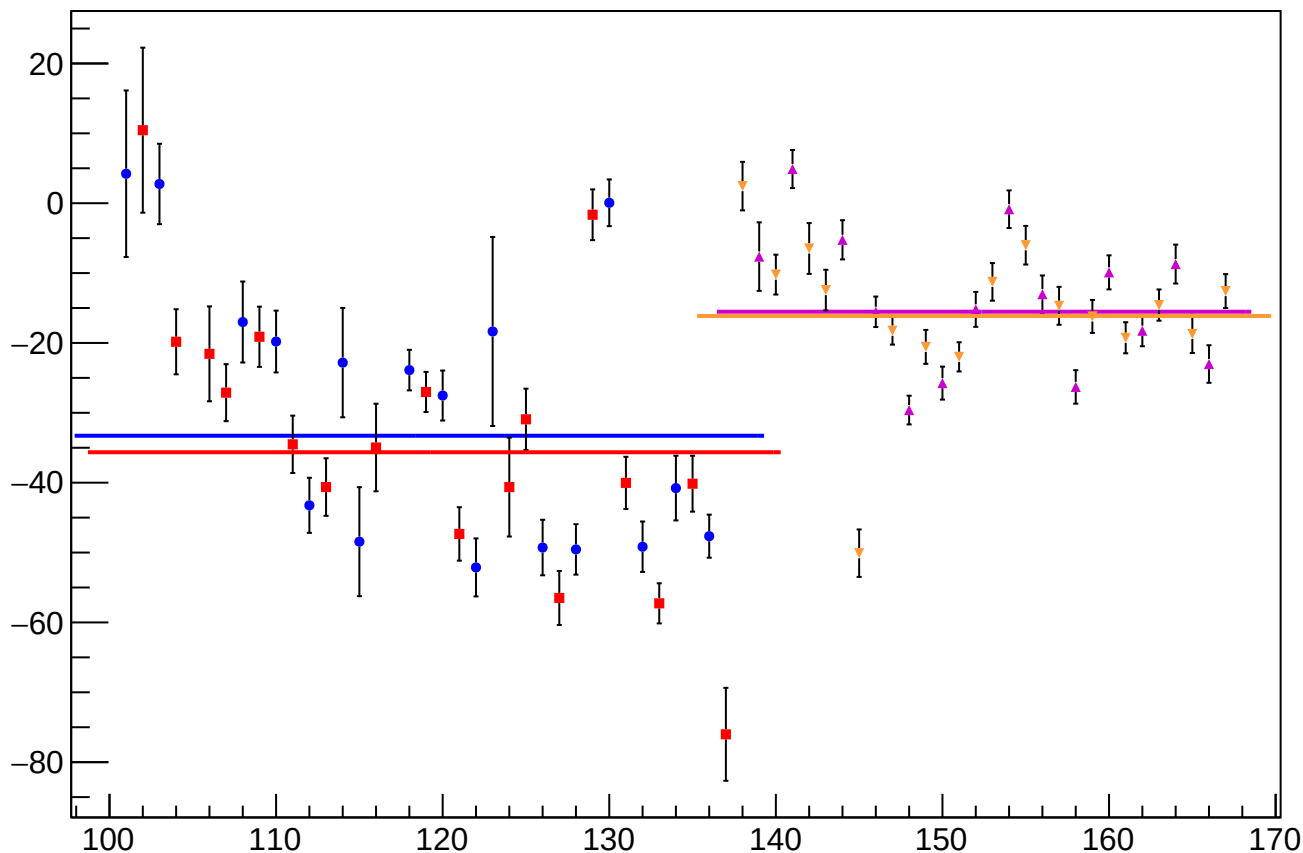
Right: 47.060 ± 1.157 $\chi^2/\text{NDF}: 903.0/34$

In: 5.292 ± 0.716 $\chi^2/\text{NDF}: 1930.9/30$

Out: 6.158 ± 0.690 $\chi^2/\text{NDF}: 2034.2/33$

All: 5.741 ± 0.497 $\chi^2/\text{NDF}: 3965.9/64$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.139 ± 0.641 χ^2/NDF : 176.4/15

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -15.529 ± 0.677 χ^2/NDF : 209.1/13

Left: -15.851 ± 0.466 χ^2/NDF : 385.9/29

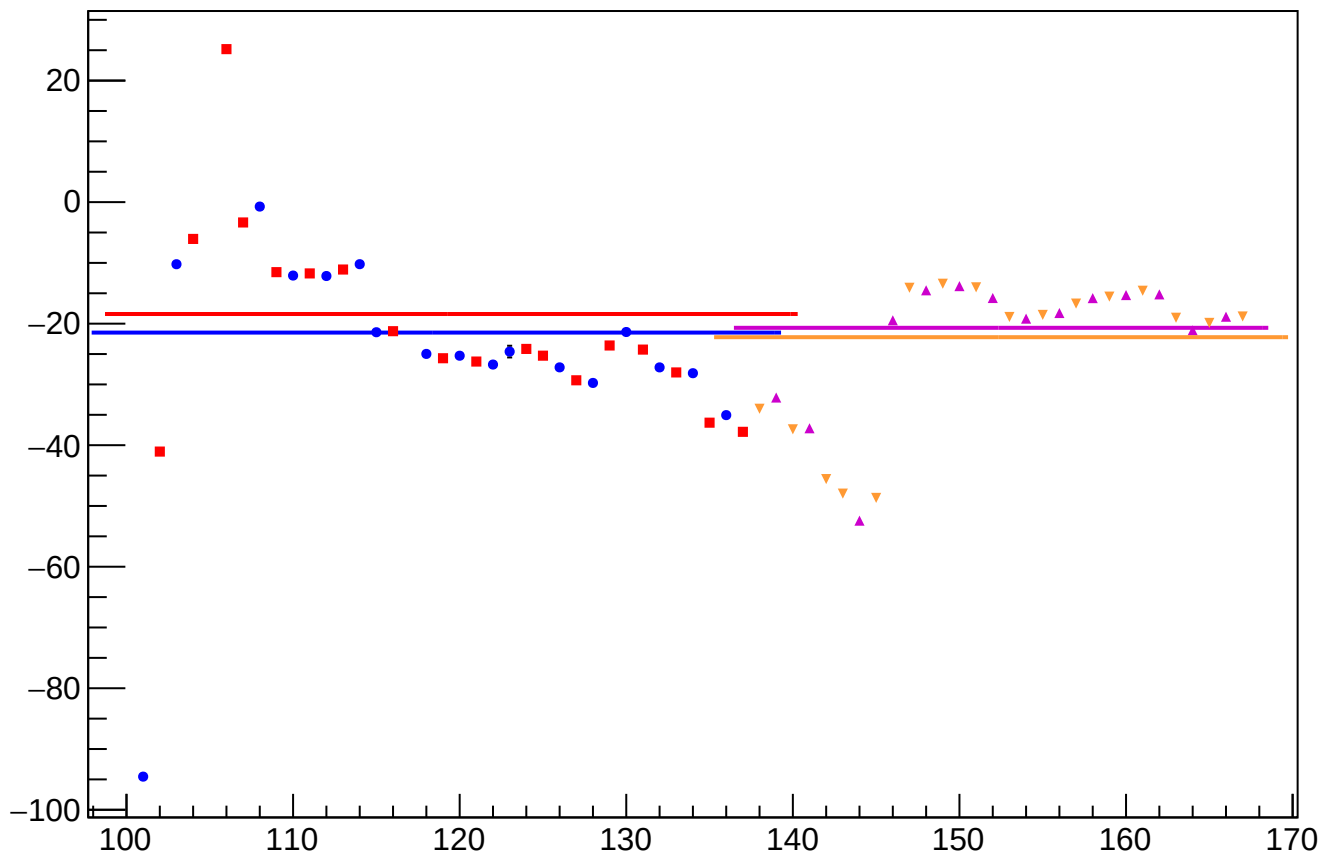
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.851 ± 0.567 χ^2/NDF : 708.1/30

Out: -21.884 ± 0.539 χ^2/NDF : 733.3/33

All: -21.394 ± 0.390 χ^2/NDF : 1443.1/64

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -22.228 ± 0.030 $\chi^2/\text{NDF}: 129812.4/15$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -20.683 ± 0.031 $\chi^2/\text{NDF}: 84183.3/13$

Left: -21.485 ± 0.022 $\chi^2/\text{NDF}: 215264.0/29$

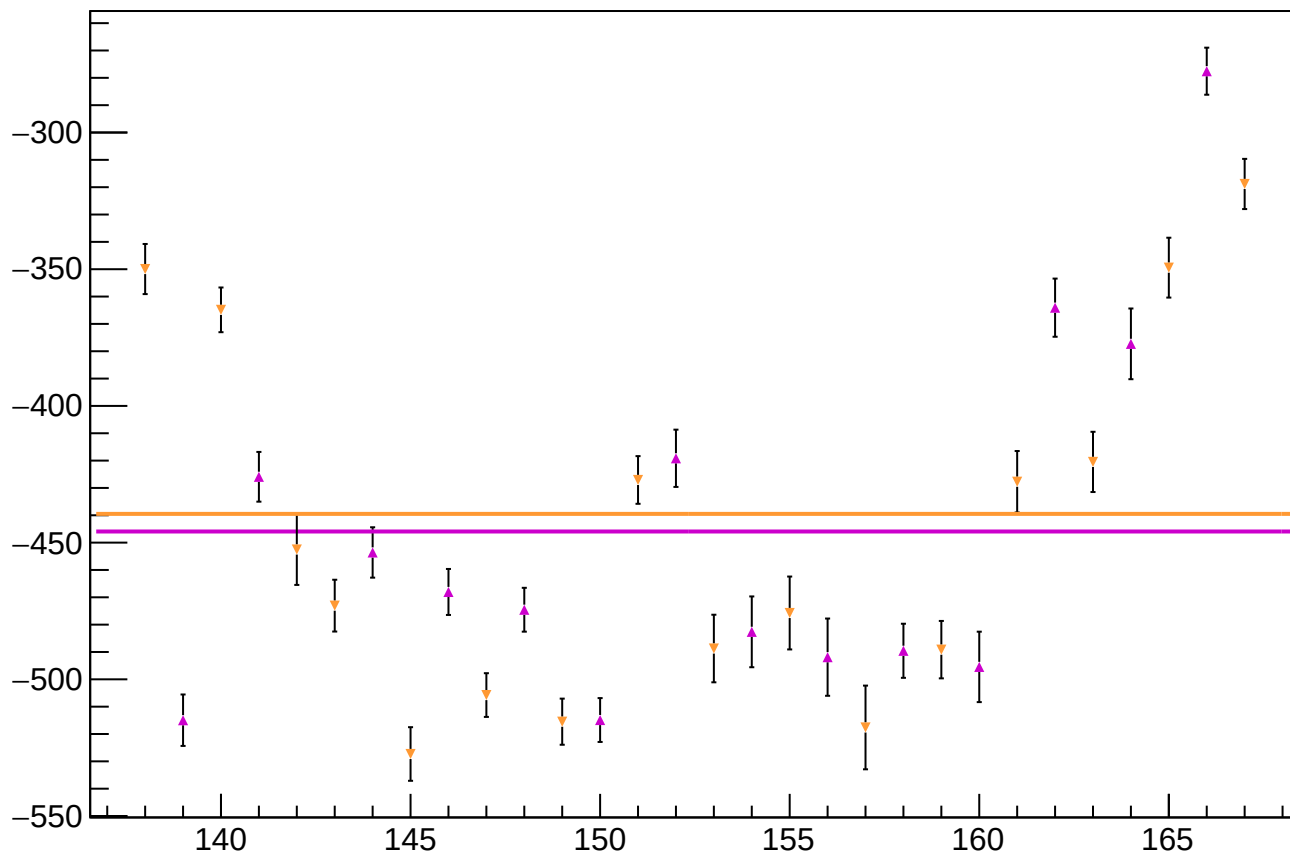
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -20.856 ± 0.028 $\chi^2/\text{NDF}: 133302.3/30$

Out: -21.405 ± 0.027 $\chi^2/\text{NDF}: 210869.9/33$

All: -21.140 ± 0.019 $\chi^2/\text{NDF}: 344376.8/64$

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: -445.930+/-2.626 χ^2/NDF : 682.4/13

Left: -442.561+/-1.813 χ^2/NDF : 1426.3/29

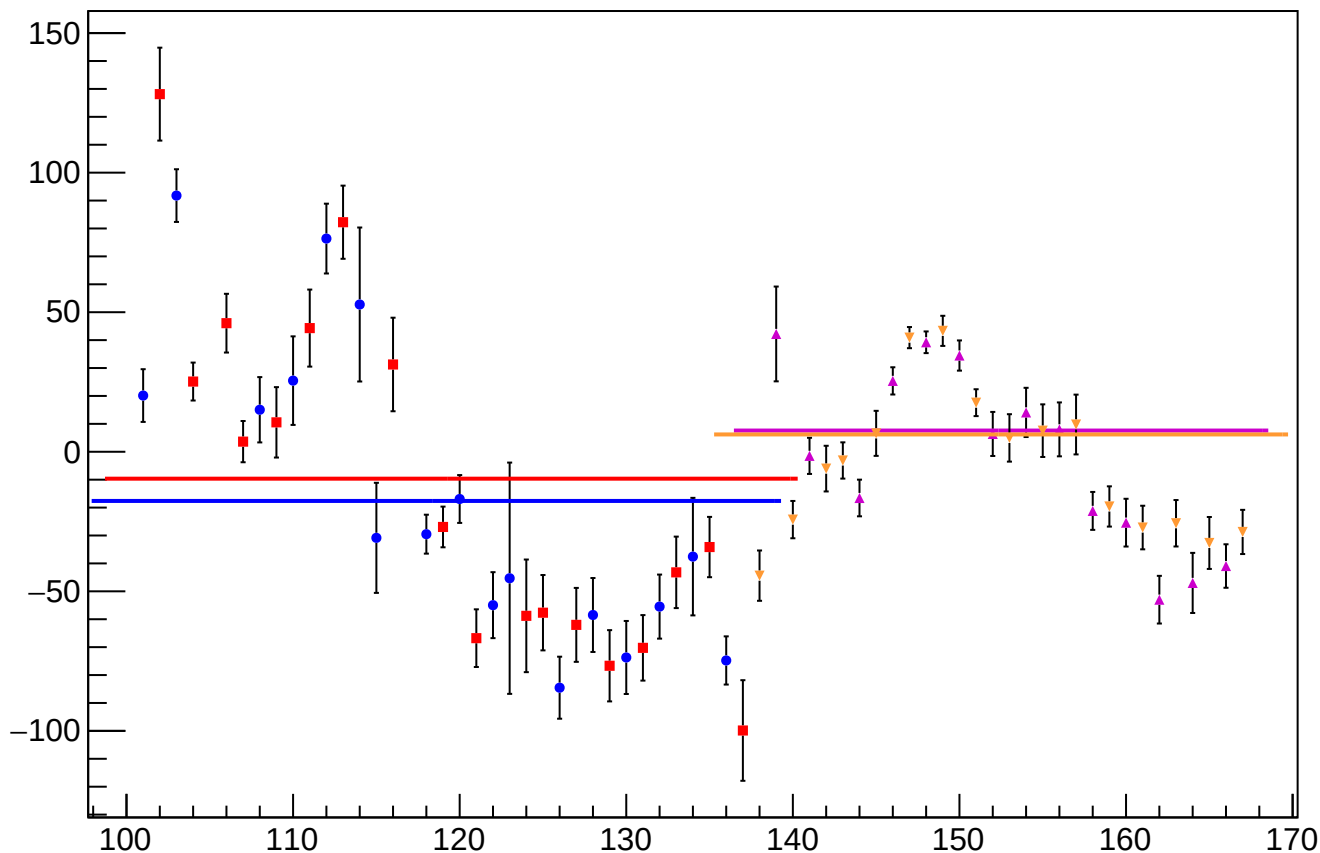
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.930+/-2.626 χ^2/NDF : 682.4/13

Out: -439.490+/-2.507 χ^2/NDF : 740.8/15

All: -442.561+/-1.813 χ^2/NDF : 1426.3/29

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 $\pm$ 2.786 χ^2 /NDF: 362.0/16

Left Out: 6.206 $\pm$ 1.697 χ^2 /NDF:276.2/15

Right Out: -9.641 $\pm$ 2.613 χ^2 /NDF: 360.7/17

Left In: 7.602 $\pm$ 1.806 χ^2 /NDF:272.2/13

Left: 6.861 $\pm$ 1.237 χ^2 /NDF: 548.7/29

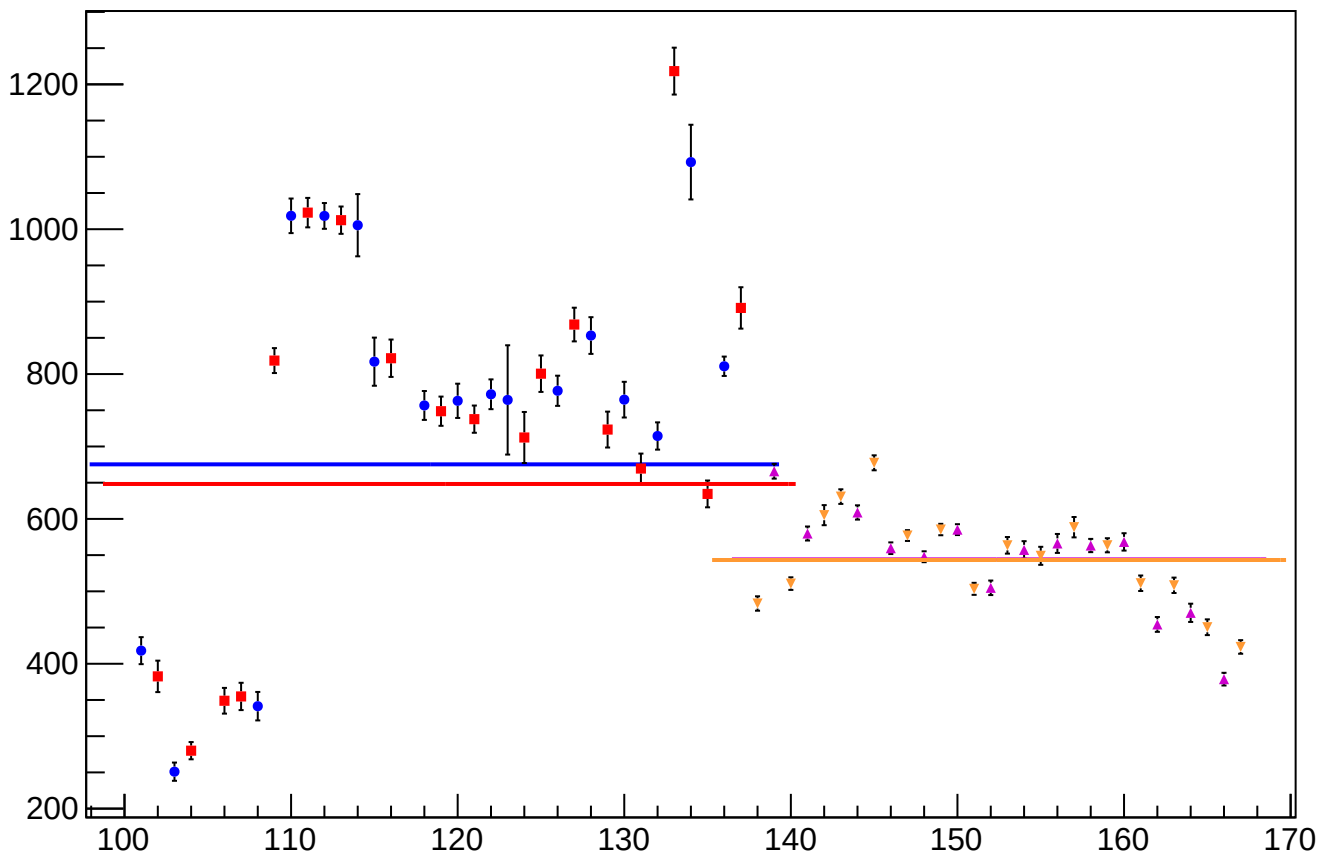
Right: -13.374 $\pm$ 1.906 χ^2 /NDF: 727.1/34

In: 0.143 $\pm$ 1.515 χ^2 /NDF:692.0/30

Out: 1.505 $\pm$ 1.423 χ^2 /NDF:662.7/33

All: 0.866 $\pm$ 1.037 χ^2 /NDF: 1355.1/64

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 543.273+/-2.475 χ^2/NDF : 659.6/15

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 544.170+/-2.564 χ^2/NDF : 728.5/13

Left: 543.706+/-1.781 χ^2/NDF : 1388.1/29

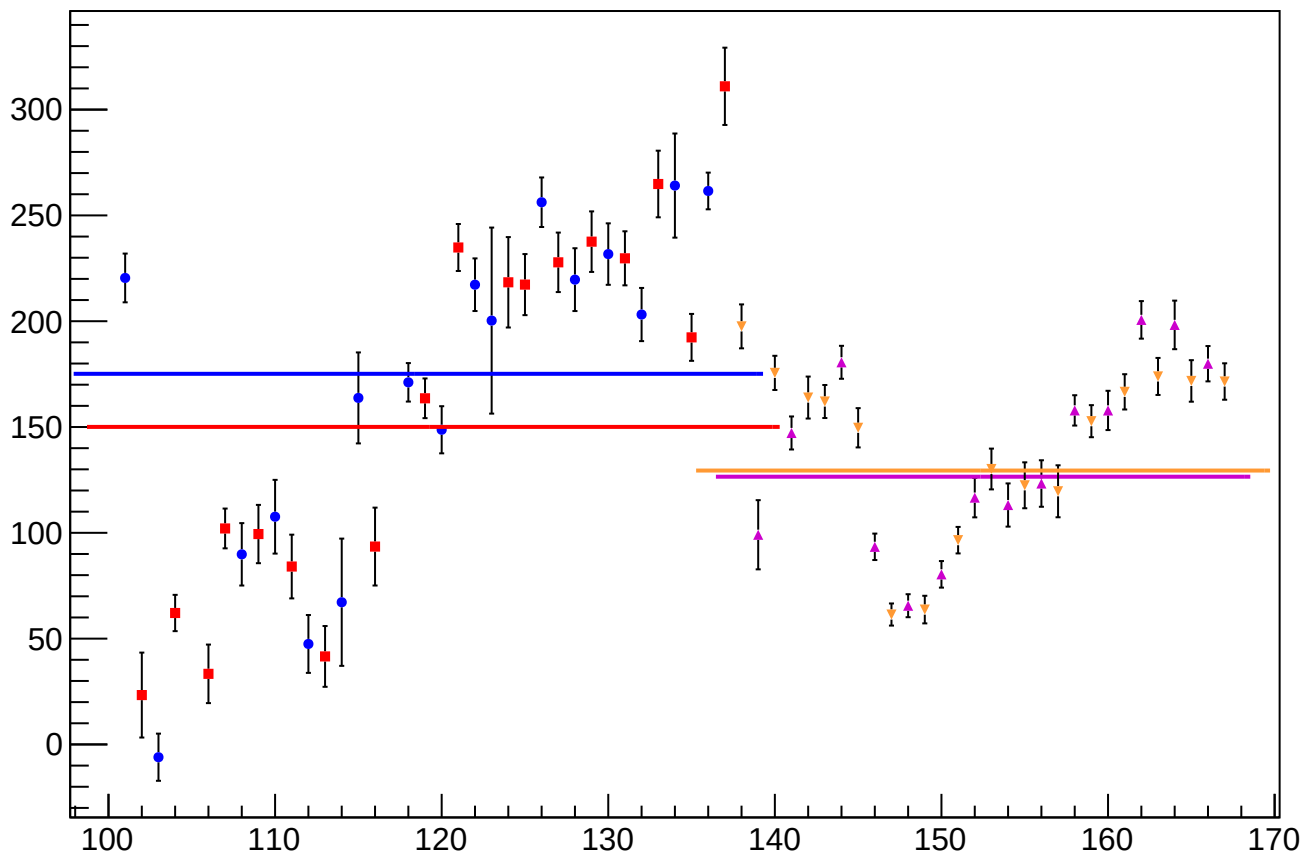
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 571.094+/-2.286 χ^2/NDF : 3848.3/30

Out: 565.505+/-2.198 χ^2/NDF : 4099.4/33

All: 568.189+/-1.584 χ^2/NDF : 7950.8/64

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 129.431 $\pm$ 2.029 χ^2 /NDF:507.3/15

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 126.520 $\pm$ 2.149 χ^2 /NDF:449.2/13

Left: 128.059 $\pm$ 1.475 χ^2 /NDF: 957.5/29

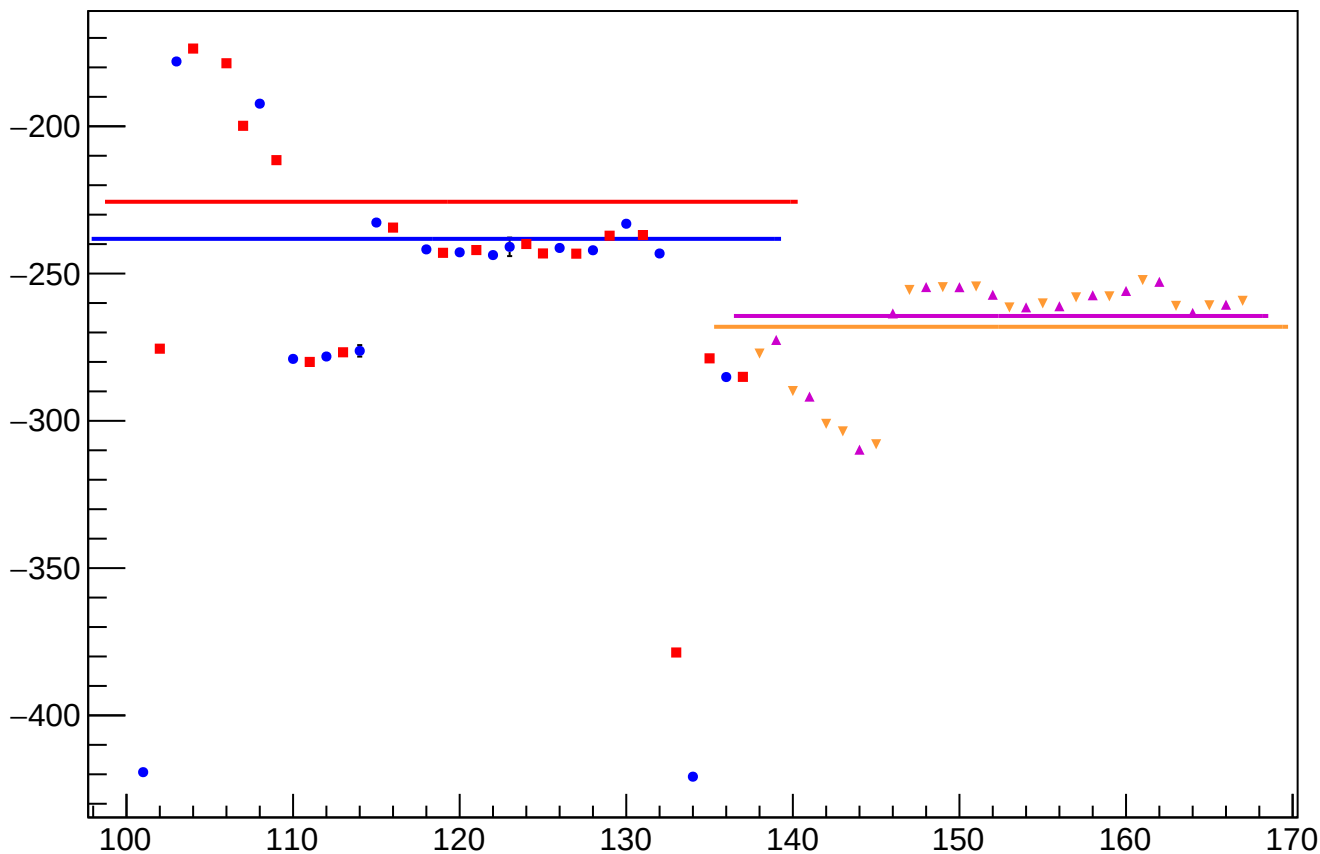
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 141.568 $\pm$ 1.785 χ^2 /NDF:1243.3/30

Out: 135.769 $\pm$ 1.688 χ^2 /NDF:1225.2/33

All: 138.507 $\pm$ 1.227 χ^2 /NDF: 2474.1/64

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -268.068+/-0.100 χ^2 /NDF:33283.8/15

Right Out: -225.623+/-0.152 χ^2 /NDF: 95450.2/17

Left In: -264.397+/-0.103 χ^2 /NDF:20565.3/13

Left: -266.292+/-0.072 χ^2 /NDF: 54504.3/29

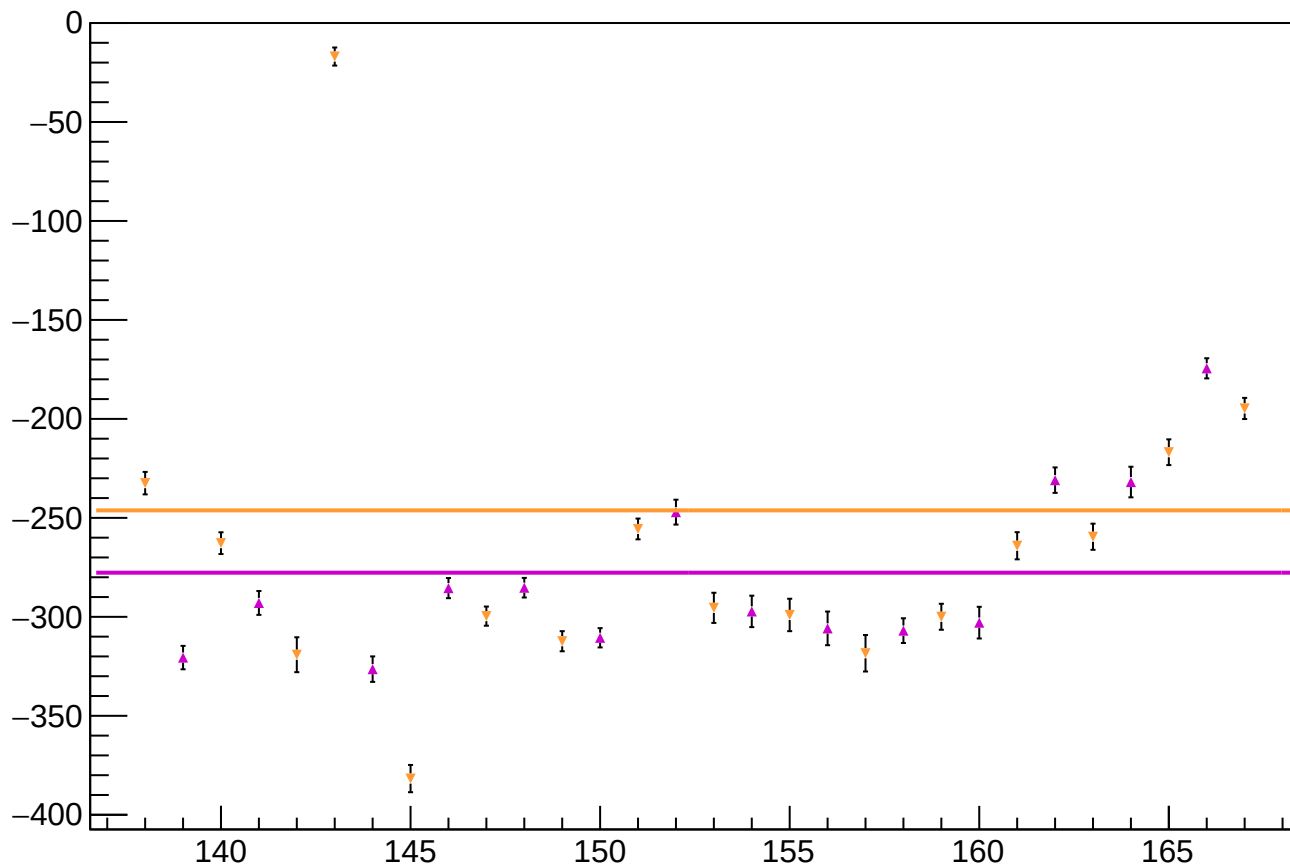
Right: -231.577+/-0.110 χ^2 /NDF: 265811.9/34

In: -256.727+/-0.087 χ^2 /NDF:206578.3/30

Out: -255.240+/-0.083 χ^2 /NDF:183451.7/33

All: -255.954+/-0.060 χ^2 /NDF: 390183.0/64

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: -277.692+/-1.628 χ^2/NDF :738.9/13

Left: -260.861+/-1.110 χ^2/NDF : 4564.0/29

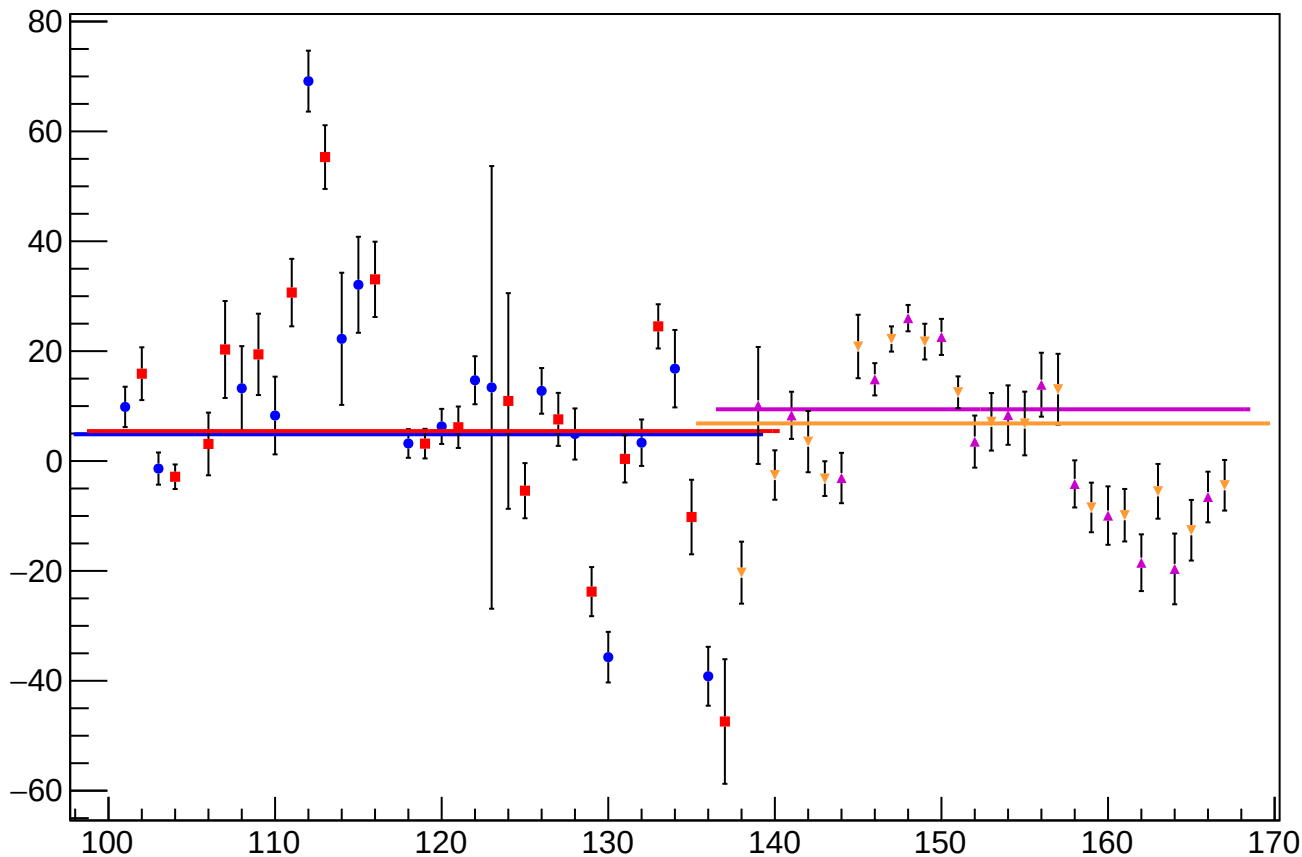
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.692+/-1.628 χ^2/NDF :738.9/13

Out: -246.215+/-1.518 χ^2/NDF :3625.1/15

All: -260.861+/-1.110 χ^2/NDF : 4564.0/29

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 6.846 ± 1.026 $\chi^2/\text{NDF}: 162.6/15$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 9.413 ± 1.118 $\chi^2/\text{NDF}: 161.9/13$

Left: 8.019 ± 0.756 $\chi^2/\text{NDF}: 327.4/29$

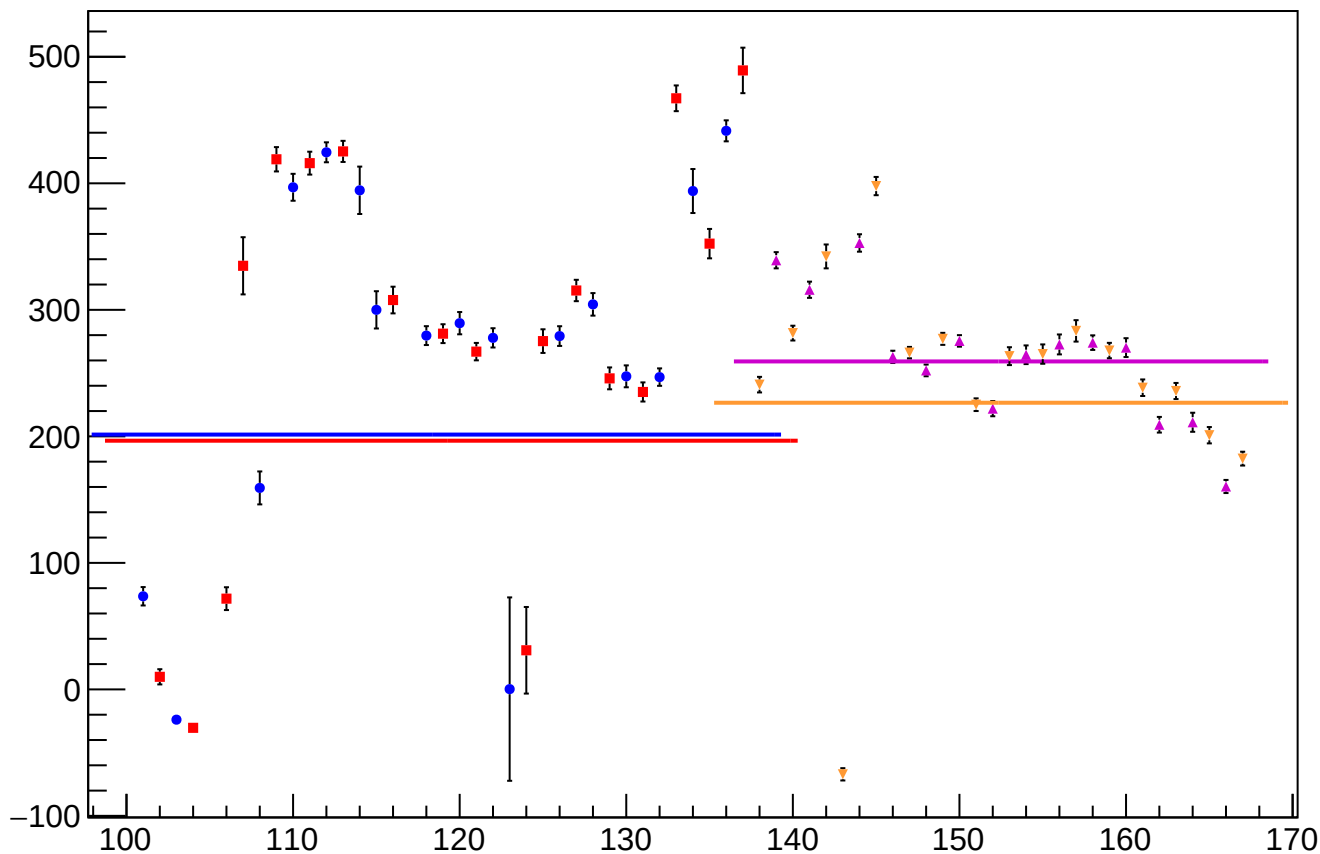
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 7.085 ± 0.781 $\chi^2/\text{NDF}: 481.9/30$

Out: 6.178 ± 0.741 $\chi^2/\text{NDF}: 395.1/33$

All: 6.608 ± 0.537 $\chi^2/\text{NDF}: 877.7/64$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 226.575 $\pm$ 1.499 χ^2 /NDF: 4866.9/15

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 259.221 $\pm$ 1.586 χ^2 /NDF: 954.7/13

Left: 241.986 $\pm$ 1.089 χ^2 /NDF: 6045.4/29

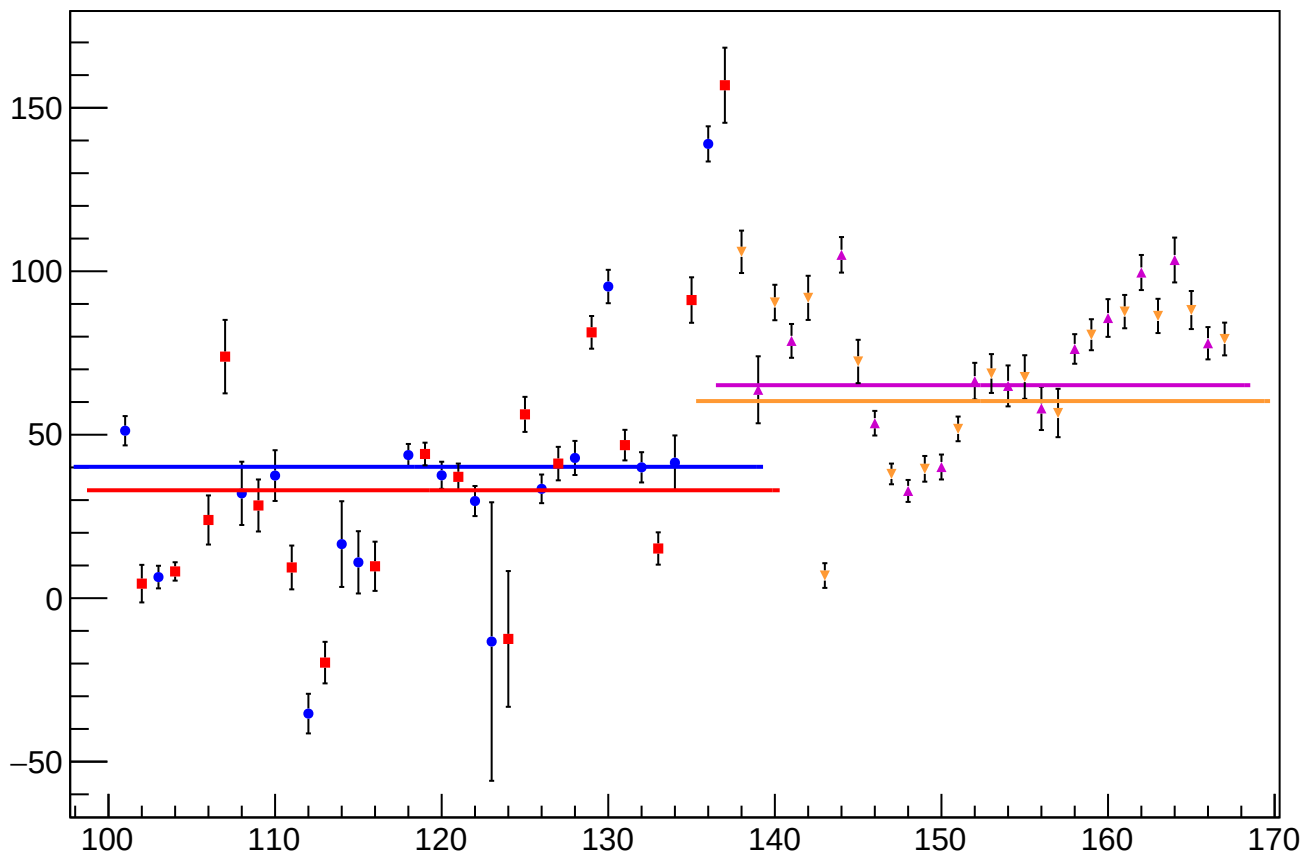
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 236.544 $\pm$ 1.236 χ^2 /NDF: 8216.6/30

Out: 215.289 $\pm$ 1.184 χ^2 /NDF: 13195.7/33

All: 225.462 $\pm$ 0.855 χ^2 /NDF: 21566.4/64

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 60.293 $\pm$ 1.226 χ^2 /NDF:500.1/15

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 65.152 $\pm$ 1.331 χ^2 /NDF:305.0/13

Left: 62.524 $\pm$ 0.902 χ^2 /NDF: 812.4/29

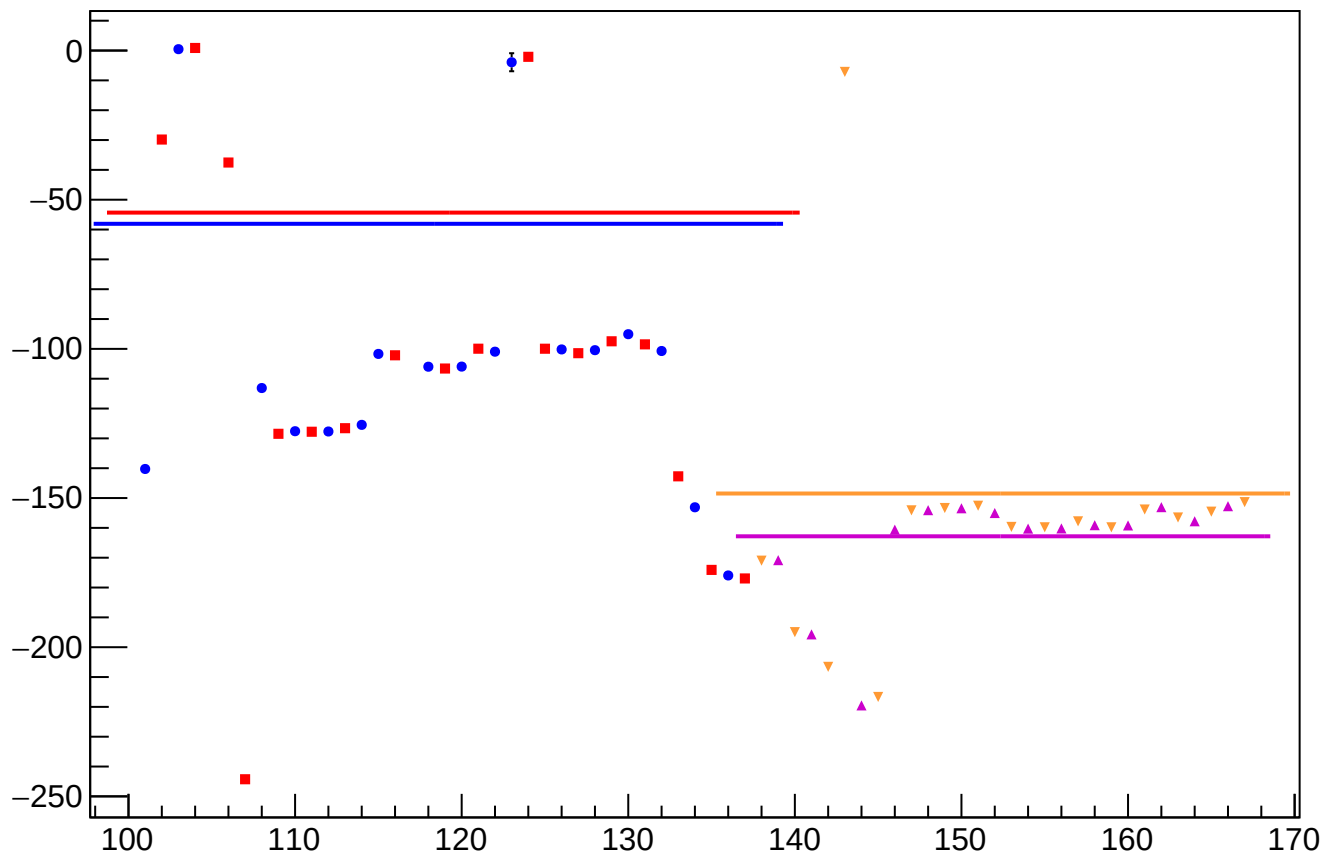
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 52.083 $\pm$ 0.919 χ^2 /NDF:1223.3/30

Out: 46.944 $\pm$ 0.876 χ^2 /NDF:1289.5/33

All: 49.392 $\pm$ 0.634 χ^2 /NDF: 2529.2/64

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: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -162.824 ± 0.064 $\chi^2/\text{NDF}: 62471.8/13$

Left: -155.267 ± 0.044 $\chi^2/\text{NDF}: 746070.7/29$

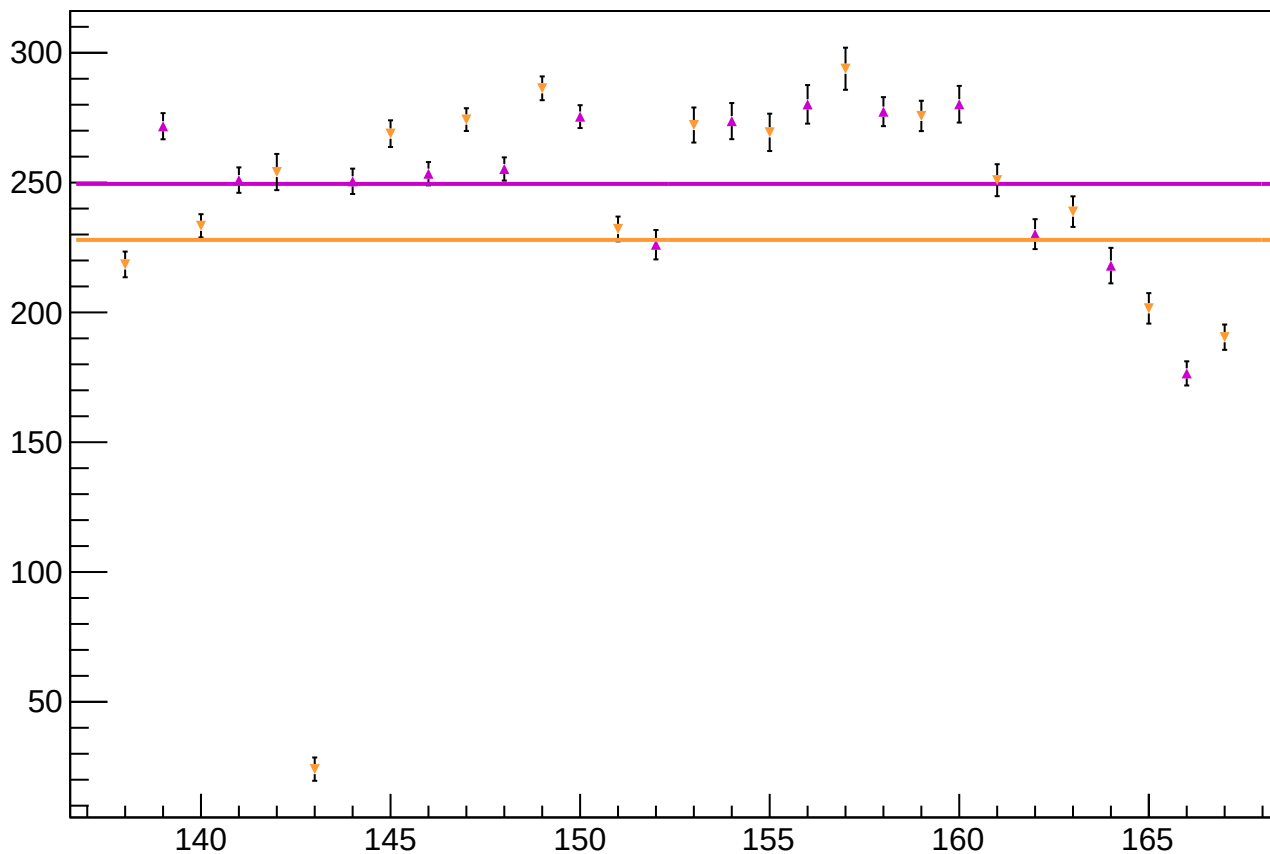
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -108.689 ± 0.044 $\chi^2/\text{NDF}: 2563093.0/30$

Out: -101.441 ± 0.043 $\chi^2/\text{NDF}: 2862506.9/33$

All: -104.933 ± 0.031 $\chi^2/\text{NDF}: 5439470.4/64$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 227.927+/-1.343 χ^2/NDF : 2723.2/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.496+/-1.423 χ^2/NDF : 425.4/13

Left: 238.089+/-0.977 χ^2/NDF : 3270.1/29

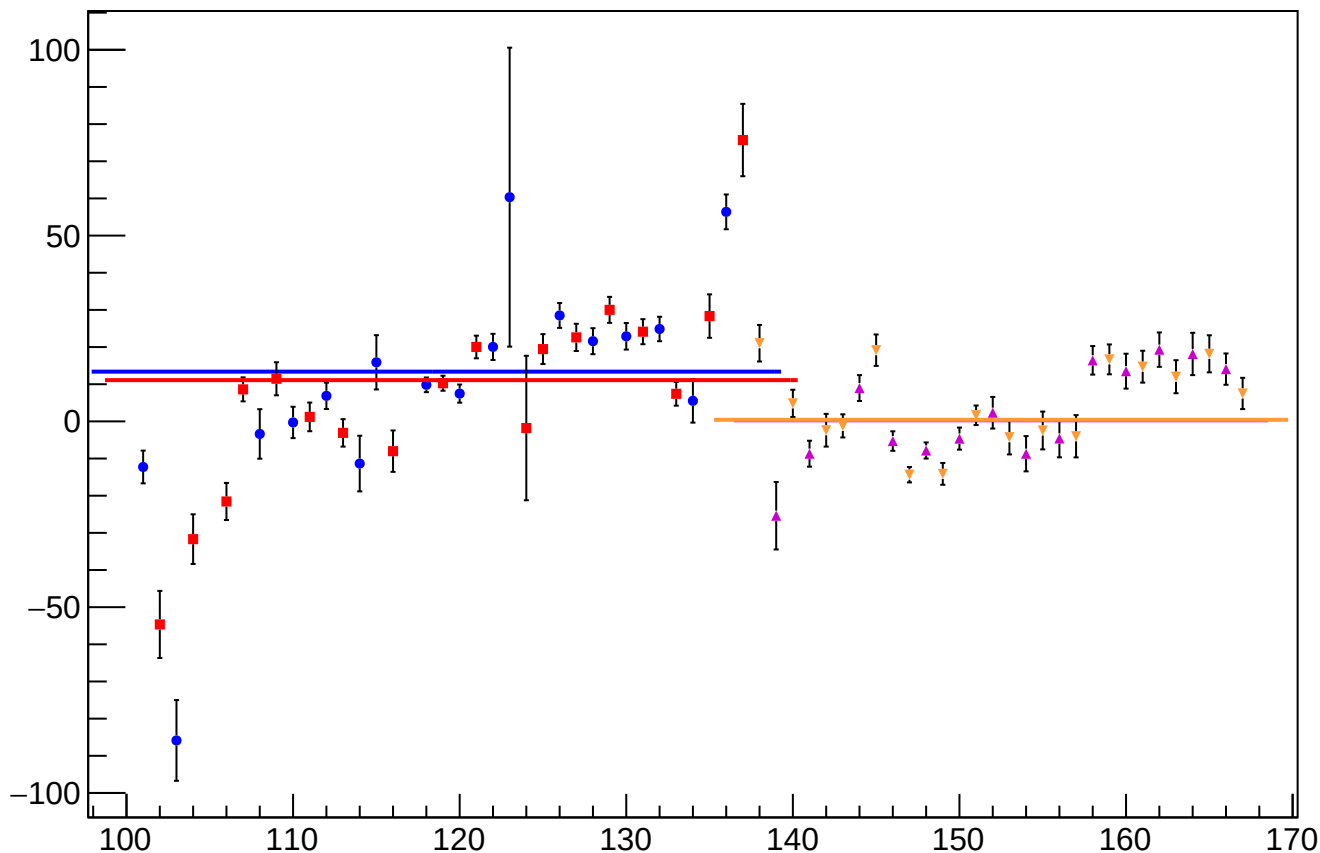
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.496+/-1.423 χ^2/NDF : 425.4/13

Out: 227.927+/-1.343 χ^2/NDF : 2723.2/15

All: 238.089+/-0.977 χ^2/NDF : 3270.1/29

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 0.420 ± 0.914 χ^2/NDF : 166.4/15

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 0.294 ± 0.984 χ^2/NDF : 109.9/13

Left: 0.362 ± 0.670 χ^2/NDF : 276.2/29

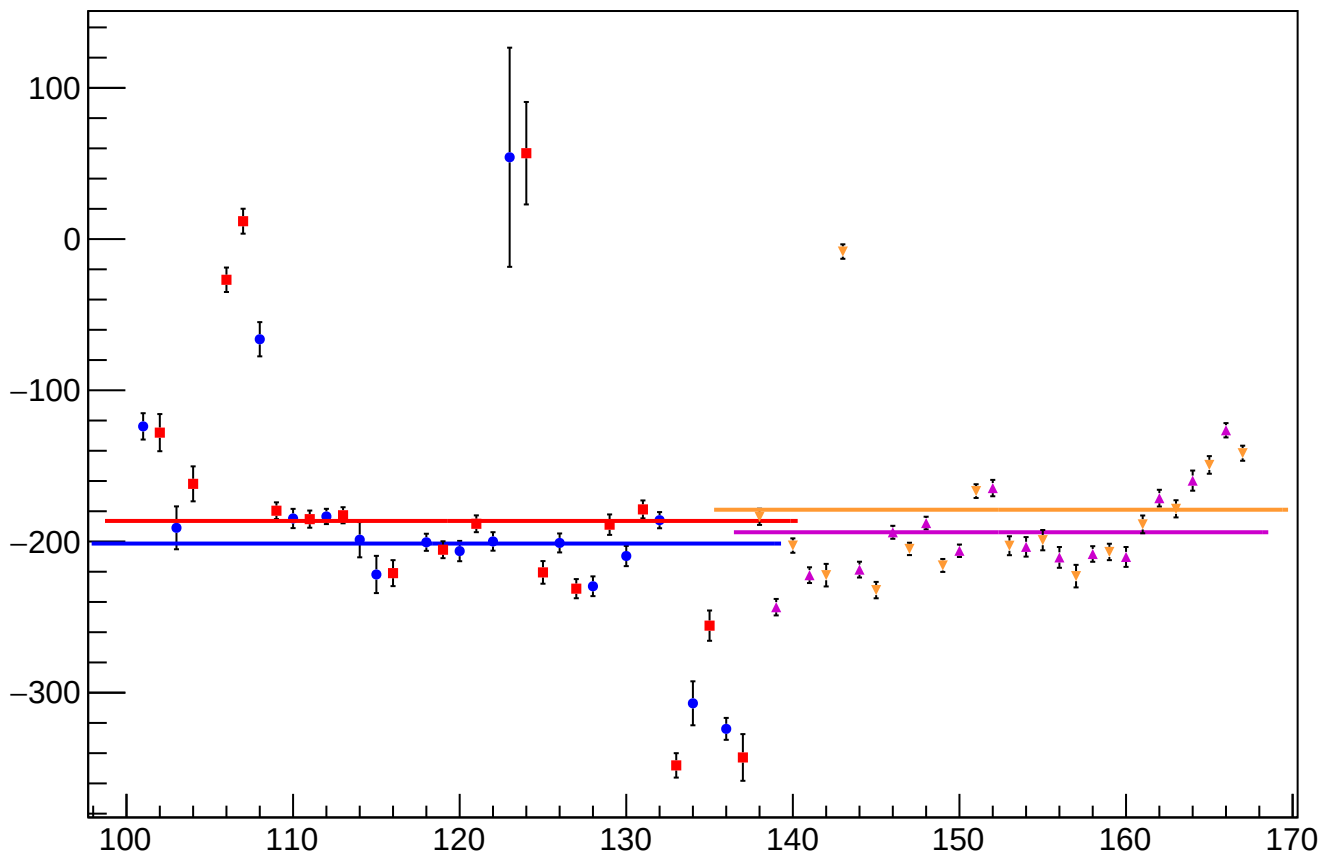
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 7.270 ± 0.672 χ^2/NDF : 498.3/30

Out: 5.751 ± 0.647 χ^2/NDF : 526.8/33

All: 6.481 ± 0.466 χ^2/NDF : 1027.7/64

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: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -193.889 ± 1.391 χ^2/NDF : 442.3/13

Left: -186.102 ± 0.961 χ^2/NDF : 2218.2/29

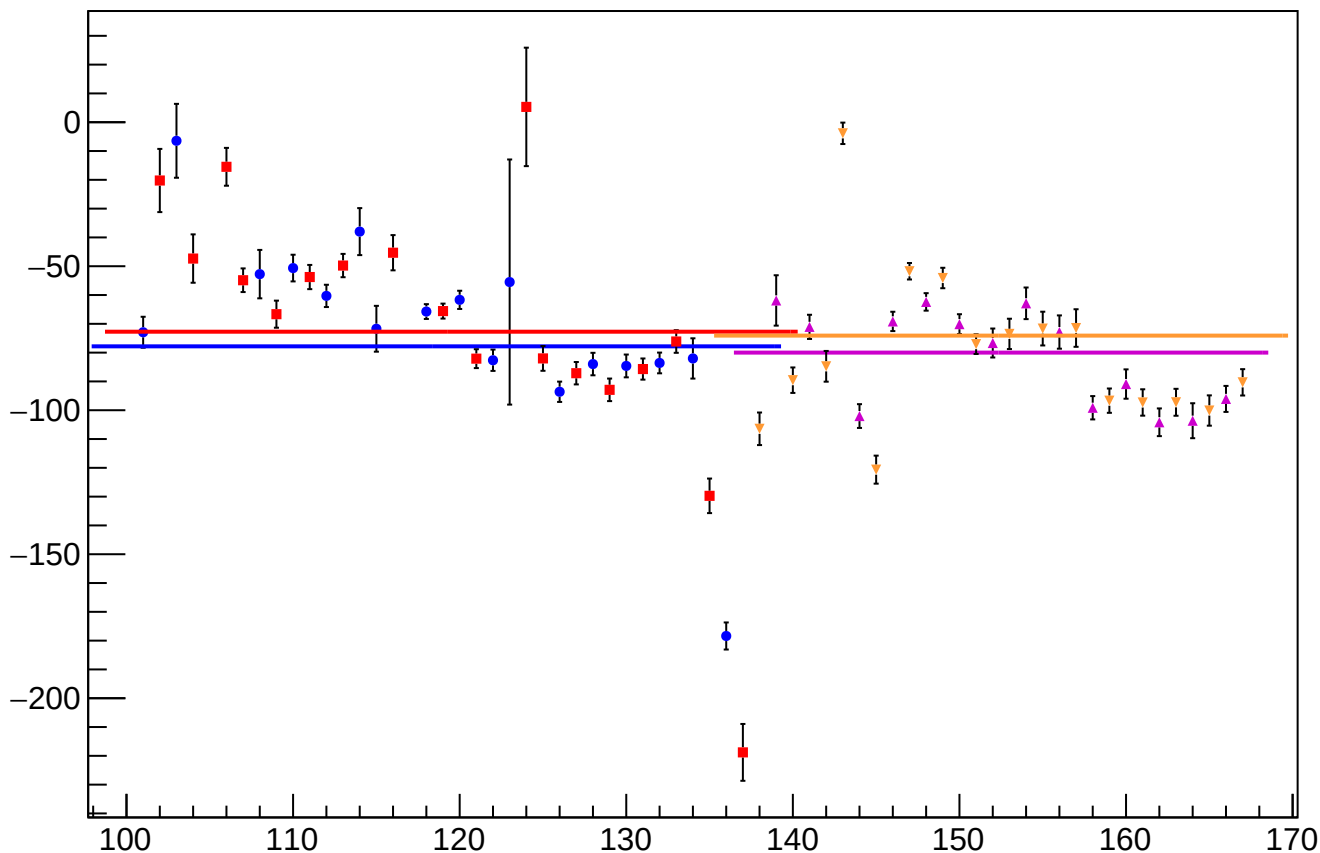
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -196.717 ± 1.097 χ^2/NDF : 1078.2/30

Out: -181.801 ± 1.048 χ^2/NDF : 3427.2/33

All: -188.917 ± 0.758 χ^2/NDF : 4602.1/64

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -74.091 ± 1.091 $\chi^2/\text{NDF}: 706.8/15$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -79.993 ± 1.169 $\chi^2/\text{NDF}: 181.4/13$

Left: -76.837 ± 0.797 $\chi^2/\text{NDF}: 901.8/29$

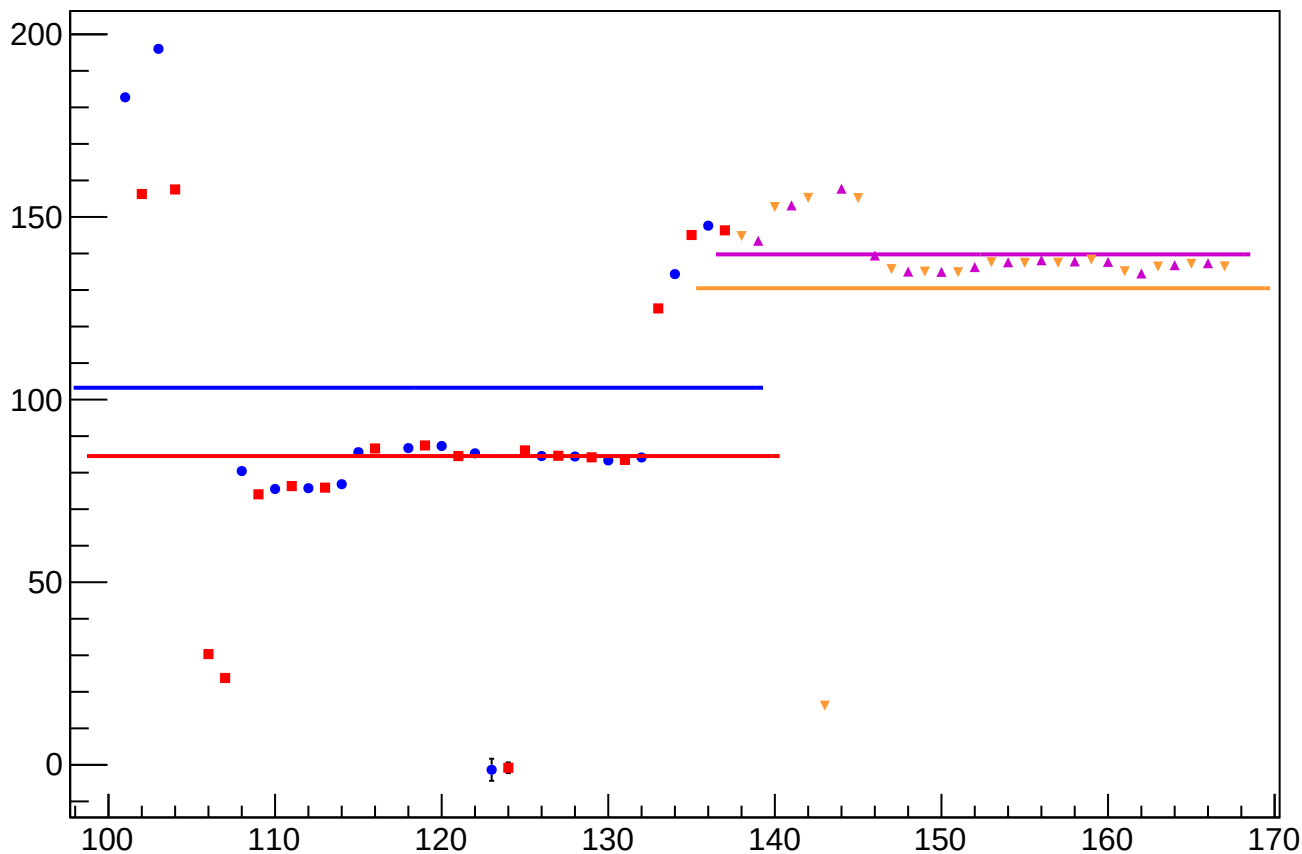
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -78.808 ± 0.789 $\chi^2/\text{NDF}: 839.6/30$

Out: -73.389 ± 0.758 $\chi^2/\text{NDF}: 1306.6/33$

All: -75.990 ± 0.546 $\chi^2/\text{NDF}: 2170.7/64$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 130.489 $\pm$ 0.053 χ^2 /NDF: 398318.6/15

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 139.755 $\pm$ 0.056 χ^2 /NDF: 13466.7/13

Left: 134.917 $\pm$ 0.039 χ^2 /NDF: 426133.5/29

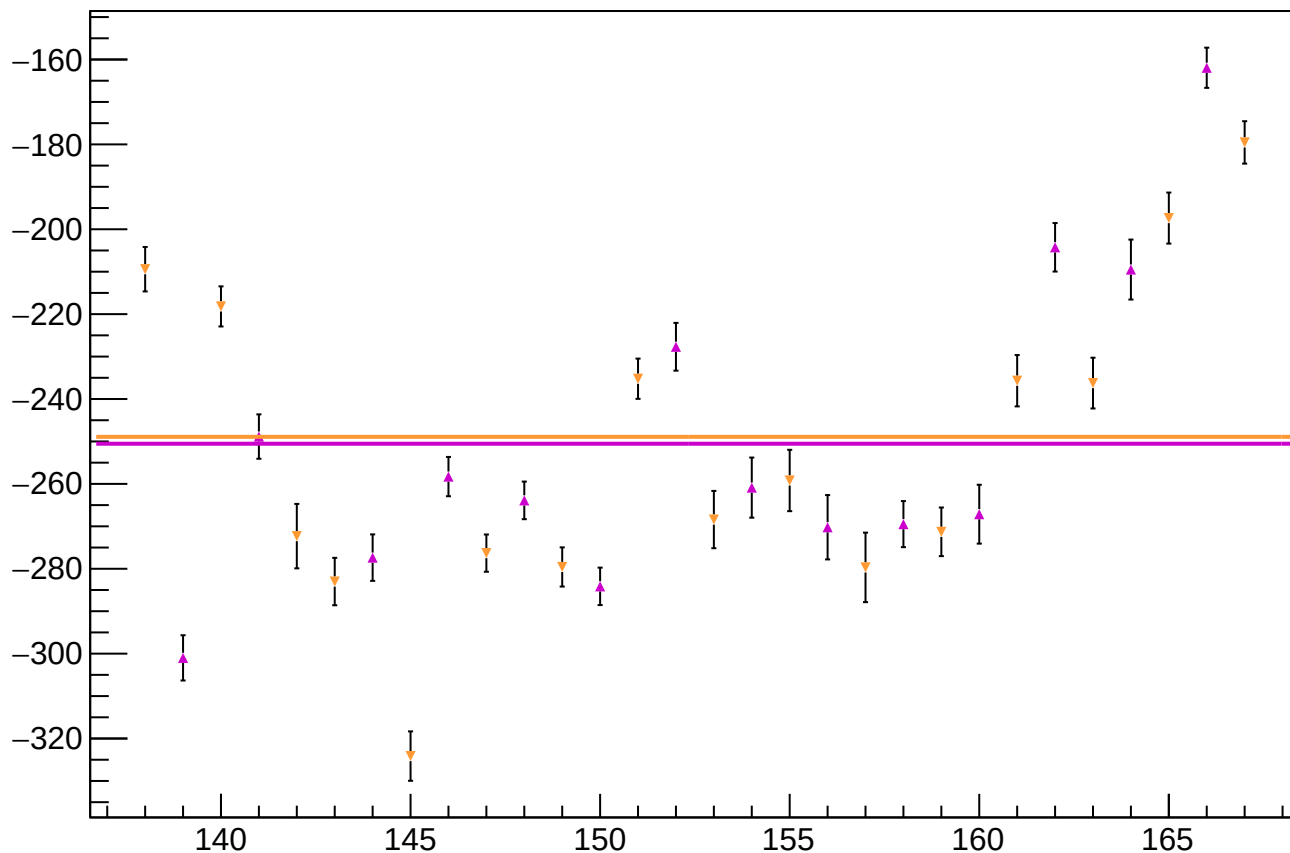
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 125.654 $\pm$ 0.044 χ^2 /NDF: 451632.9/30

Out: 111.570 $\pm$ 0.041 χ^2 /NDF: 1113726.1/33

All: 118.152 $\pm$ 0.030 χ^2 /NDF: 1620467.5/64

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: -250.535+/-1.454 χ^2/NDF : 676.2/13

Left: -249.690+/-1.007 χ^2/NDF : 1396.3/29

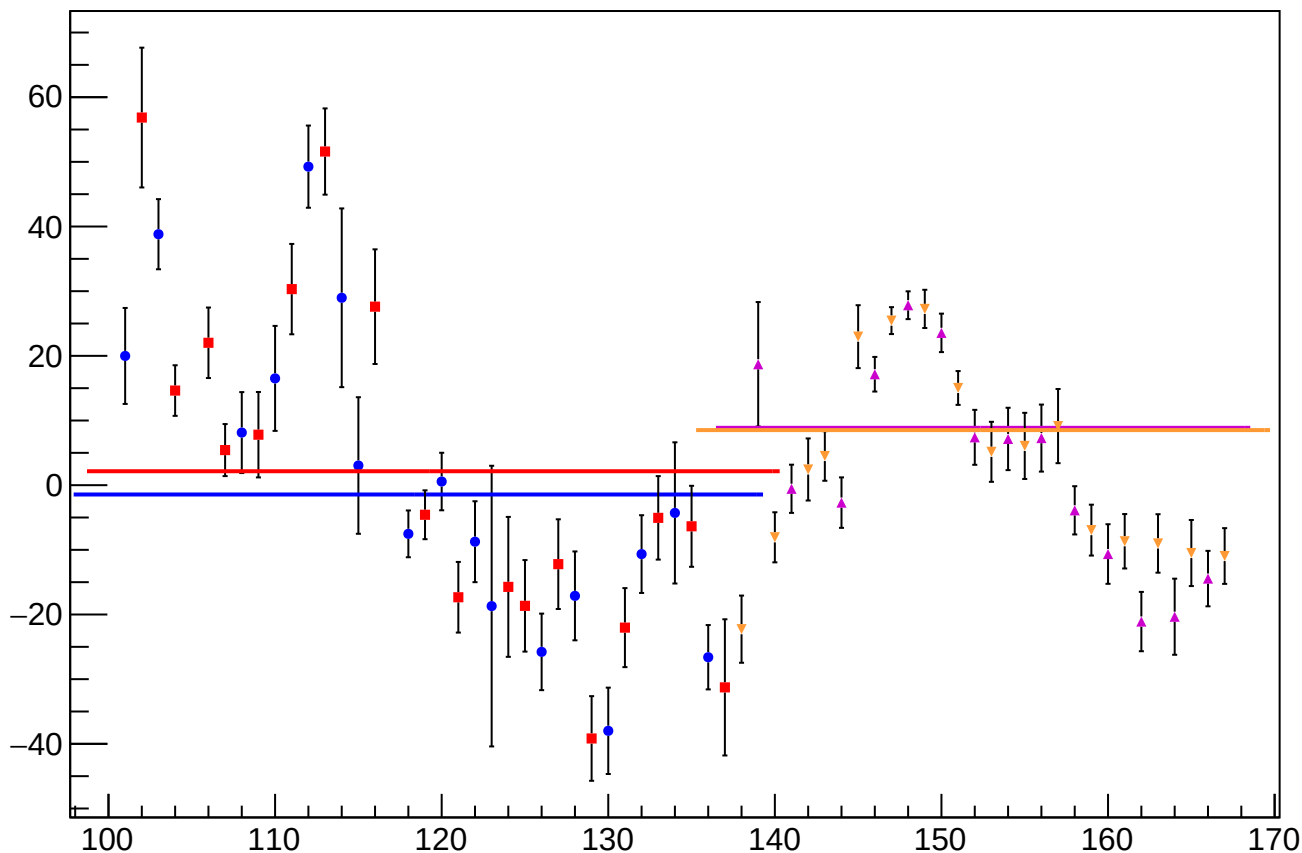
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.535+/-1.454 χ^2/NDF : 676.2/13

Out: -248.911+/-1.396 χ^2/NDF : 719.4/15

All: -249.690+/-1.007 χ^2/NDF : 1396.3/29

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 8.517 ± 0.942 χ^2/NDF : 259.8/15

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 8.869 ± 0.999 χ^2/NDF : 254.8/13

Left: 8.683 ± 0.685 χ^2/NDF : 514.6/29

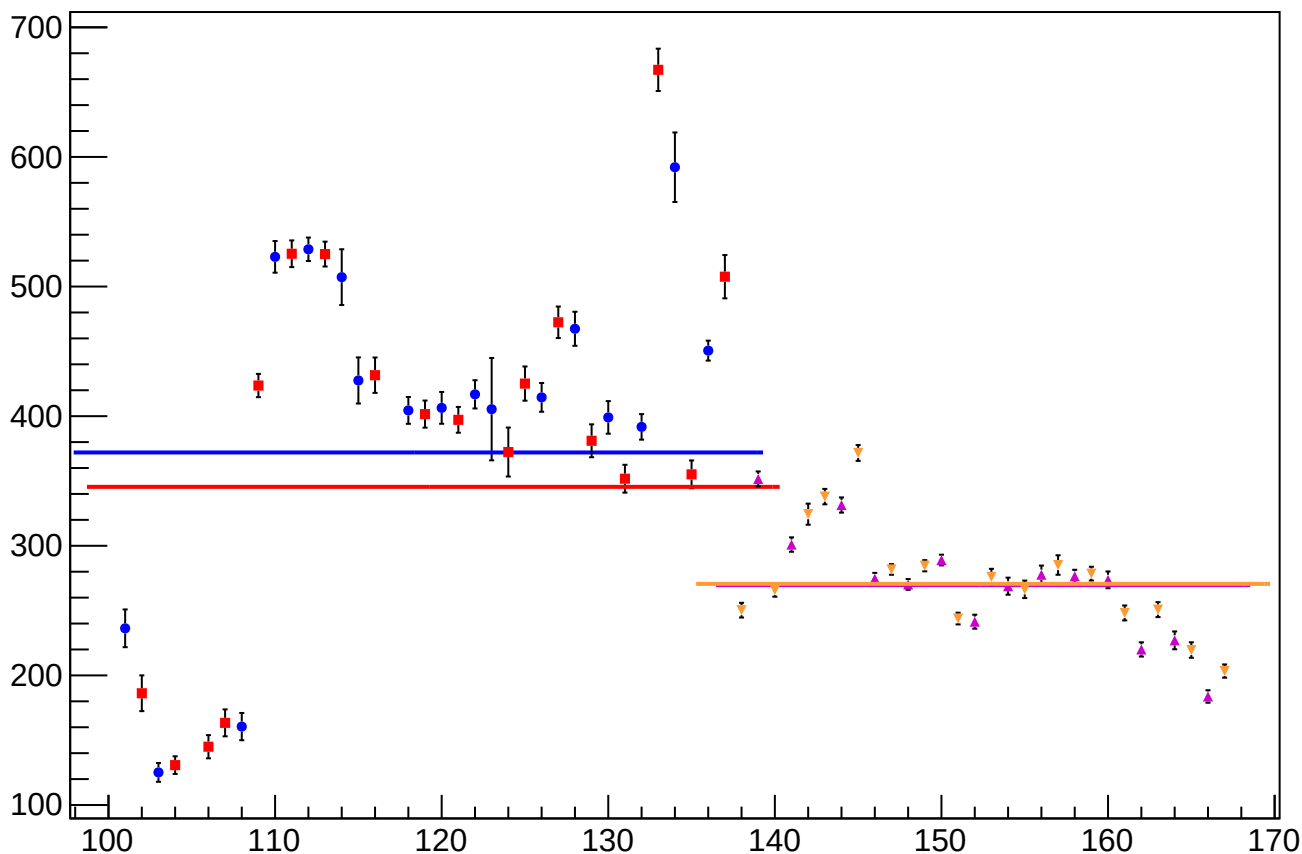
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 5.750 ± 0.834 χ^2/NDF : 511.5/30

Out: 6.536 ± 0.782 χ^2/NDF : 504.1/33

All: 6.168 ± 0.570 χ^2/NDF : 1016.1/64

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: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 269.658 $\pm$ 1.417 χ^2 /NDF:835.6/13

Left: 270.161 $\pm$ 0.986 χ^2 /NDF: 1627.2/29

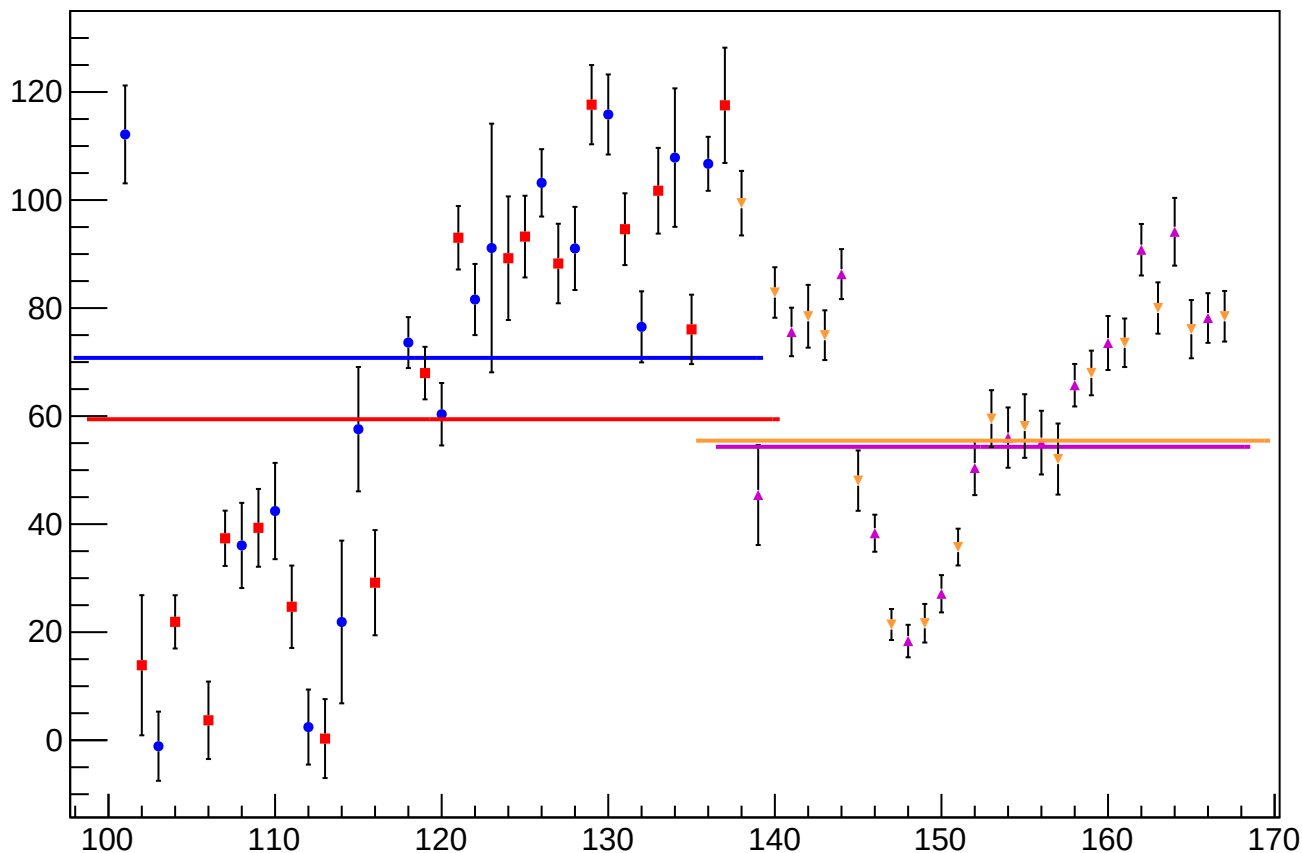
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 290.949 $\pm$ 1.261 χ^2 /NDF:4351.9/30

Out: 287.329 $\pm$ 1.211 χ^2 /NDF:4854.7/33

All: 289.066 $\pm$ 0.874 χ^2 /NDF: 9210.9/64

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 55.455 $\pm$ 1.126 χ^2 /NDF: 479.7/15

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 54.315 $\pm$ 1.187 χ^2 /NDF: 447.7/13

Left: 54.915 $\pm$ 0.817 χ^2 /NDF: 927.9/29

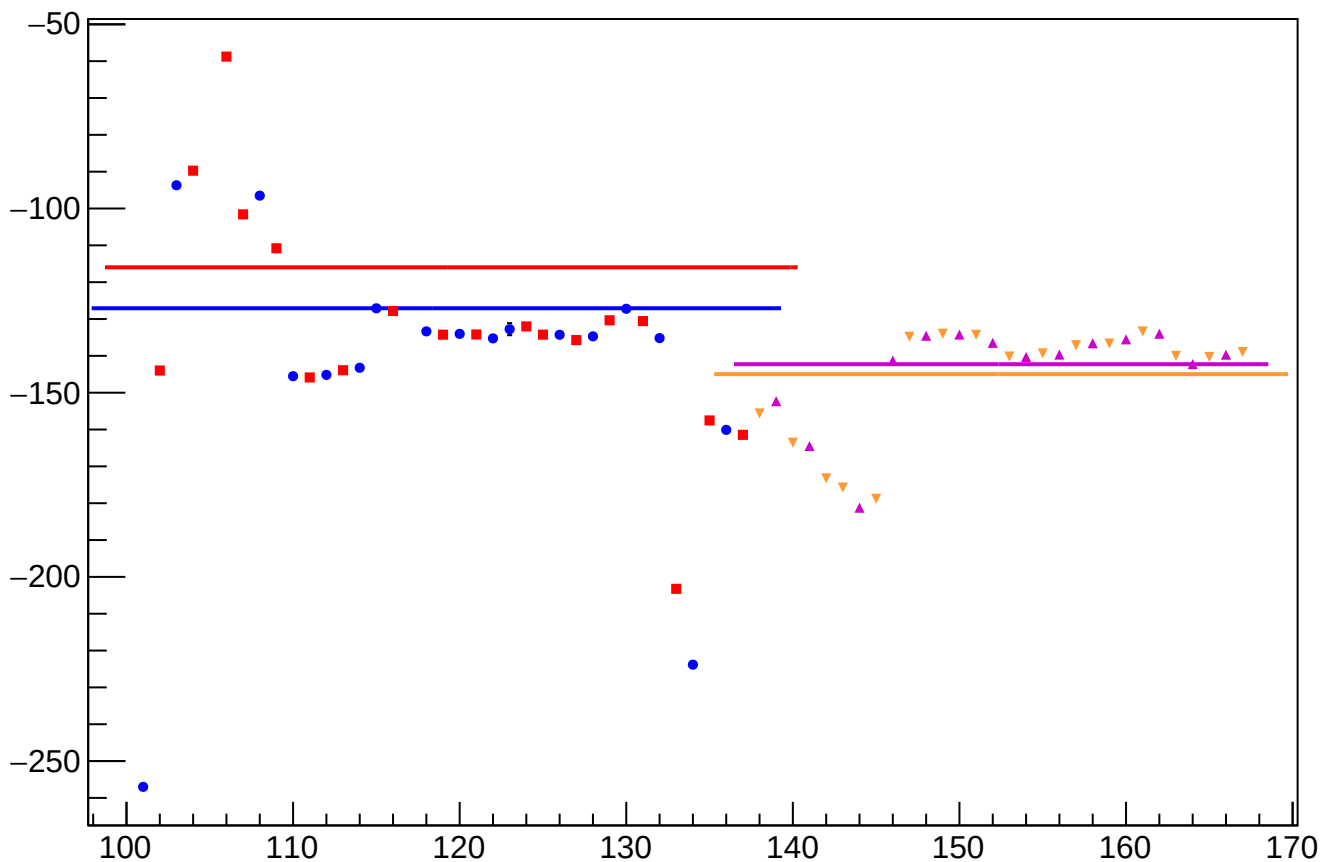
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 59.518 $\pm$ 0.982 χ^2 /NDF: 932.5/30

Out: 56.734 $\pm$ 0.927 χ^2 /NDF: 970.3/33

All: 58.046 $\pm$ 0.674 χ^2 /NDF: 1907.0/64

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -144.965+/-0.055 χ^2/NDF : 70583.5/15

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -142.269+/-0.057 χ^2/NDF : 43611.4/13

Left: -143.654+/-0.040 χ^2/NDF : 115349.9/29

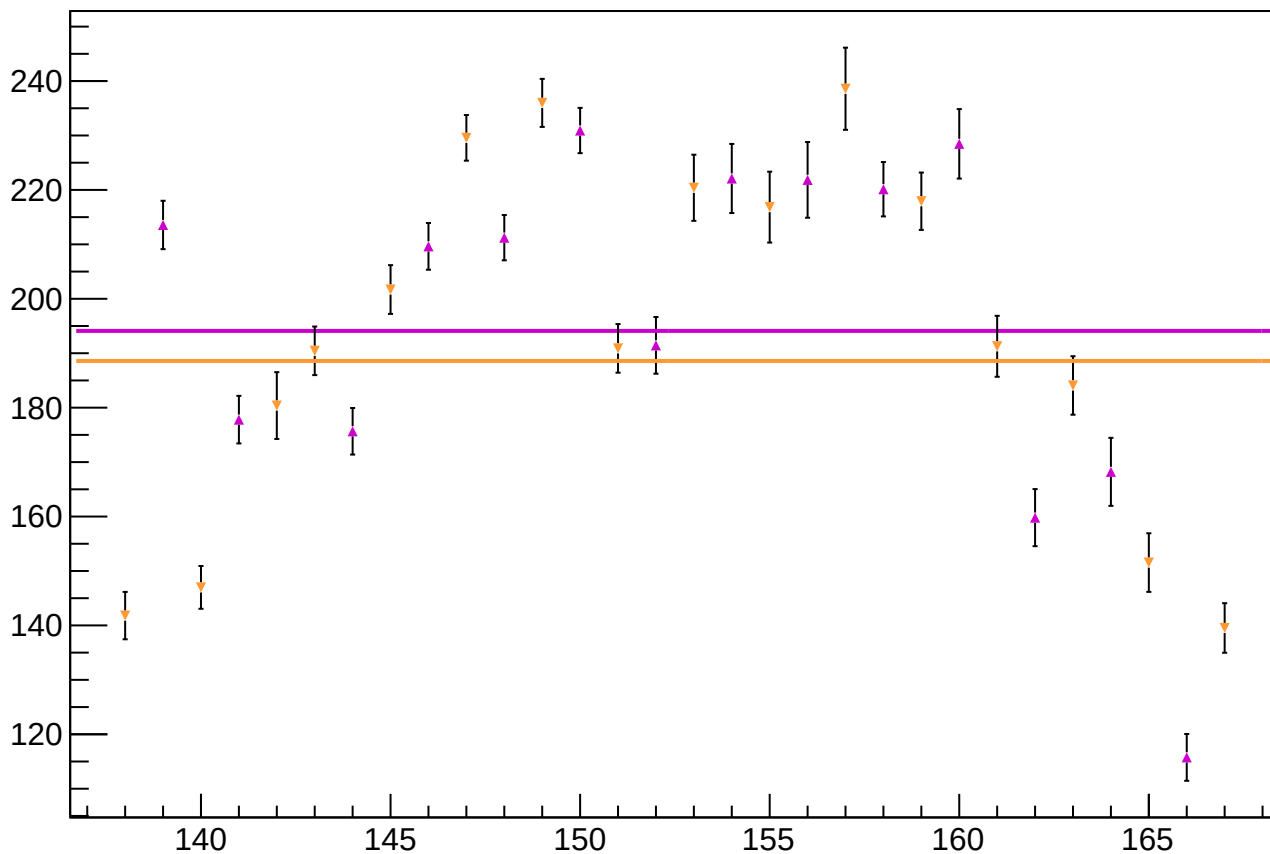
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.901+/-0.048 χ^2/NDF : 231160.0/30

Out: -136.049+/-0.046 χ^2/NDF : 314120.0/33

All: -136.936+/-0.033 χ^2/NDF : 546055.7/64

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: 194.099+/-1.301 χ^2/NDF : 643.5/13

Left: 191.196+/-0.896 χ^2/NDF : 1388.1/29

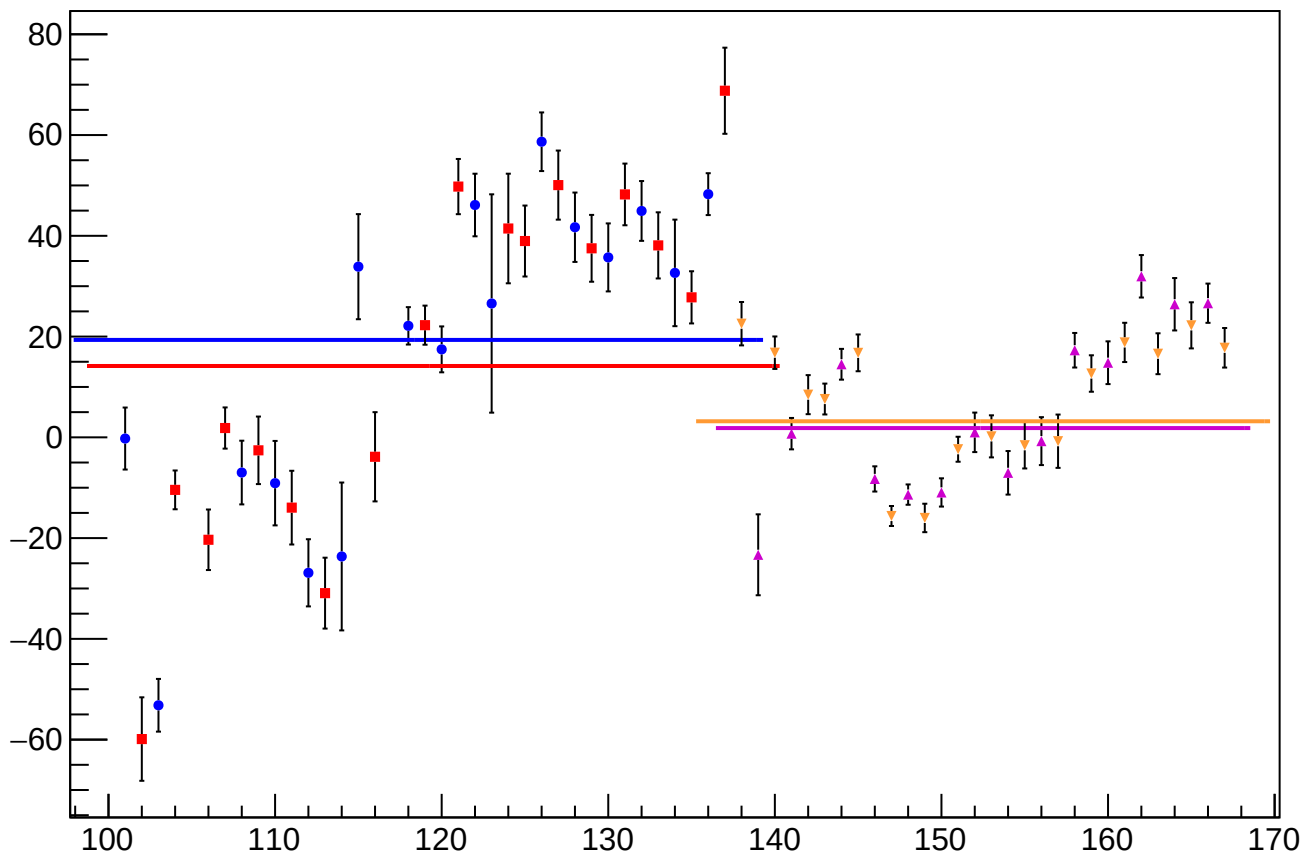
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.099+/-1.301 χ^2/NDF : 643.5/13

Out: 188.584+/-1.234 χ^2/NDF : 735.2/15

All: 191.196+/-0.896 χ^2/NDF : 1388.1/29

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337+/-1.482 χ^2/NDF : 439.8/16

Left Out: 3.189+/-0.846 χ^2/NDF : 263.9/15

Right Out: 14.162+/-1.391 χ^2/NDF : 426.0/17

Left In: 1.839+/-0.905 χ^2/NDF : 255.1/13

Left: 2.559+/-0.618 χ^2/NDF : 520.2/29

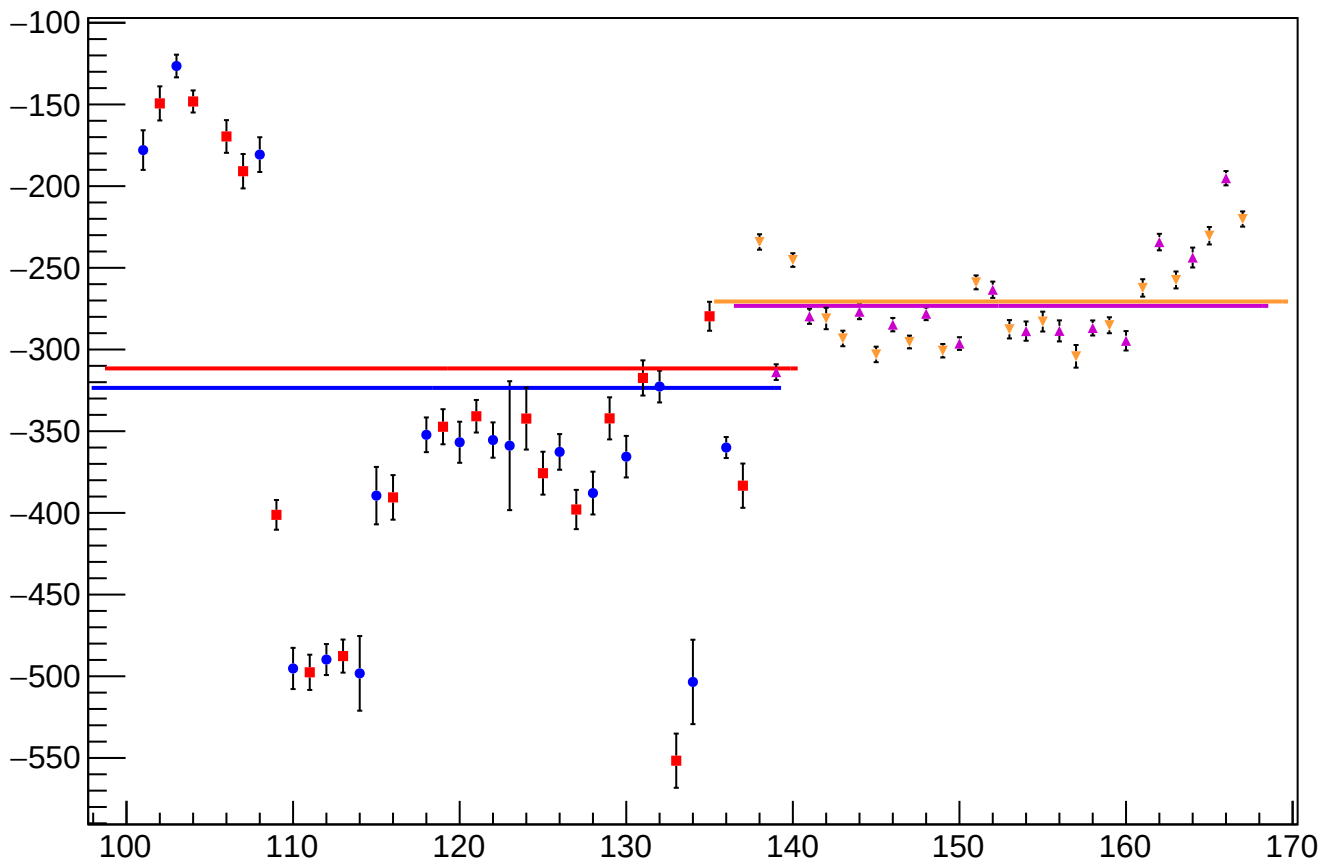
Right: 16.585+/-1.014 χ^2/NDF : 872.4/34

In: 6.591+/-0.773 χ^2/NDF : 796.5/30

Out: 6.153+/-0.723 χ^2/NDF : 735.4/33

All: 6.358+/-0.528 χ^2/NDF : 1532.0/64

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -270.606 ± 1.224 $\chi^2/\text{NDF}: 497.5/15$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -273.283 ± 1.275 $\chi^2/\text{NDF}: 557.8/13$

Left: -271.890 ± 0.883 $\chi^2/\text{NDF}: 1057.6/29$

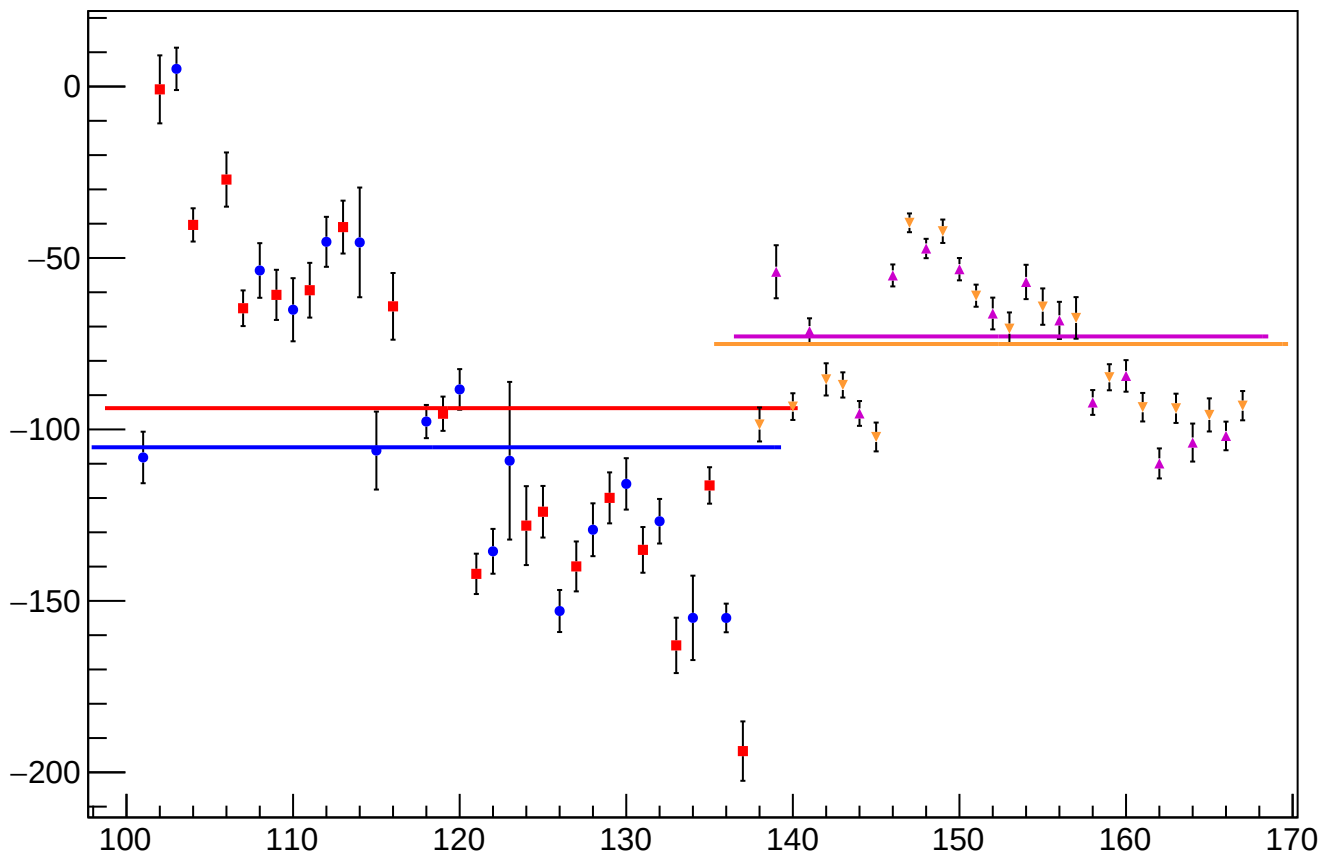
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -282.590 ± 1.151 $\chi^2/\text{NDF}: 2692.8/30$

Out: -278.389 ± 1.101 $\chi^2/\text{NDF}: 2954.2/33$

All: -280.398 ± 0.796 $\chi^2/\text{NDF}: 5654.0/64$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -75.089 ± 1.008 χ^2/NDF : 468.2/15

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -72.879 ± 1.073 χ^2/NDF : 393.0/13

Left: -74.054 ± 0.735 χ^2/NDF : 863.4/29

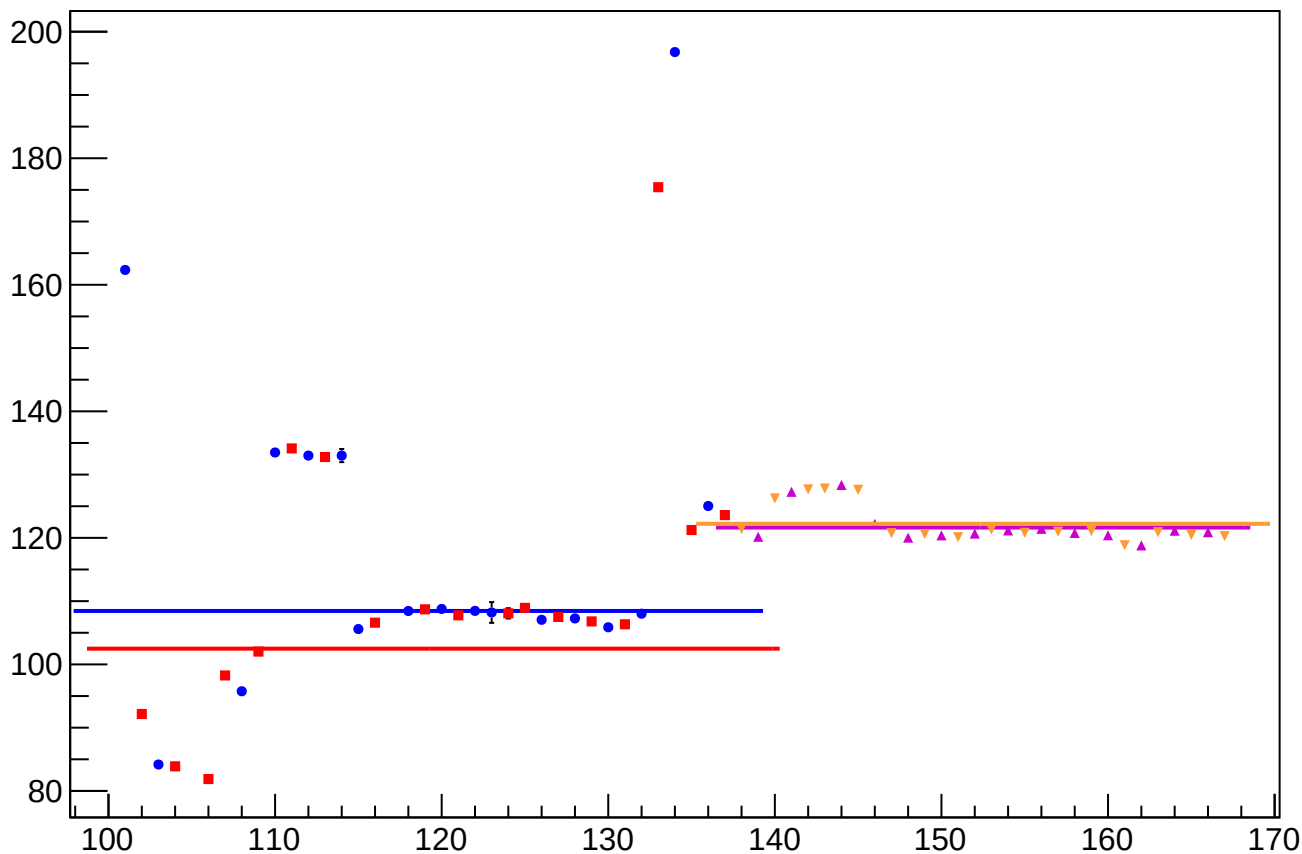
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -82.117 ± 0.907 χ^2/NDF : 1387.8/30

Out: -80.347 ± 0.854 χ^2/NDF : 1380.5/33

All: -81.179 ± 0.622 χ^2/NDF : 2770.3/64

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 ± 0.085 $\chi^2/\text{NDF}: 73265.3/16$

Left Out: 122.224 ± 0.049 $\chi^2/\text{NDF}: 3518.7/15$

Right Out: 102.490 ± 0.080 $\chi^2/\text{NDF}: 52909.2/17$

Left In: 121.628 ± 0.051 $\chi^2/\text{NDF}: 2572.8/13$

Left: 121.937 ± 0.035 $\chi^2/\text{NDF}: 6162.1/29$

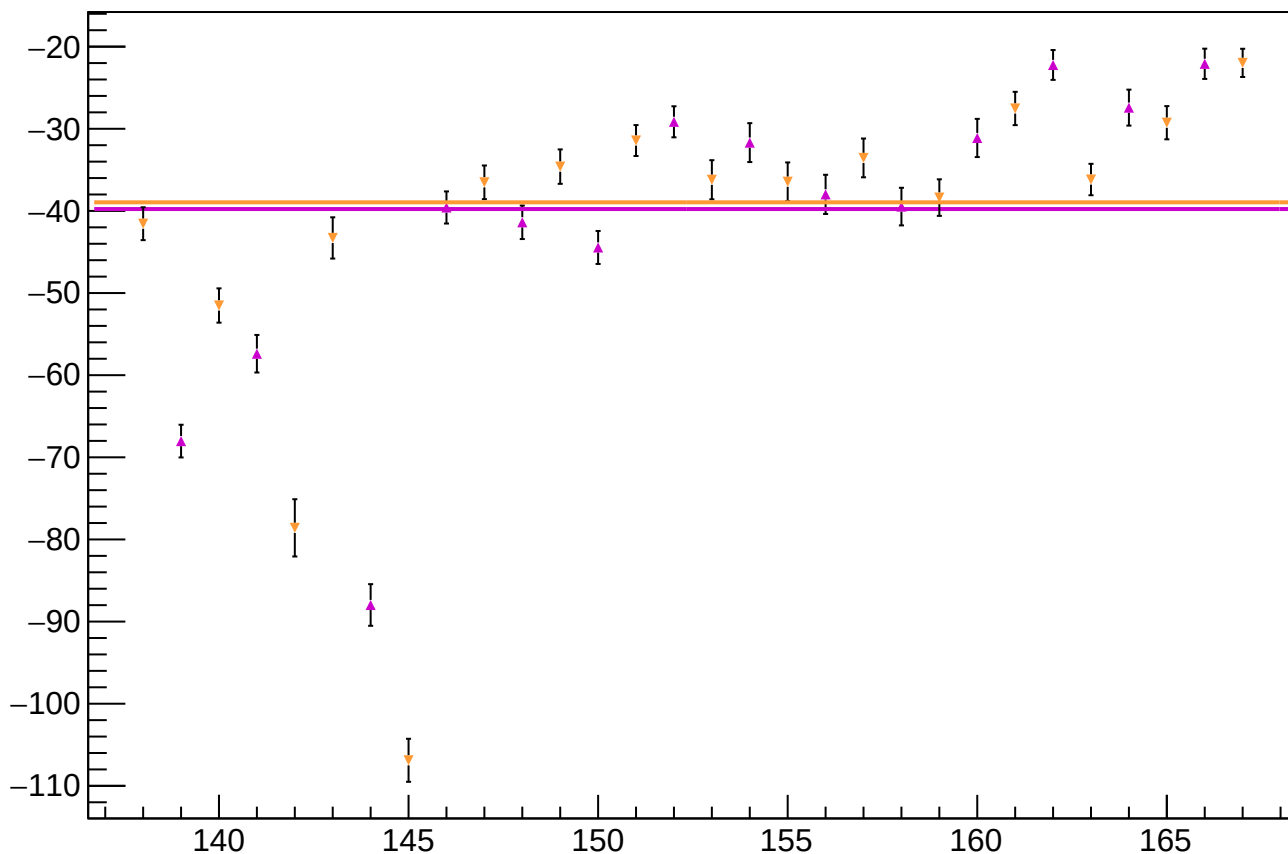
Right: 105.281 ± 0.058 $\chi^2/\text{NDF}: 128799.0/34$

In: 118.115 ± 0.044 $\chi^2/\text{NDF}: 93558.9/30$

Out: 116.776 ± 0.042 $\chi^2/\text{NDF}: 100920.8/33$

All: 117.415 ± 0.030 $\chi^2/\text{NDF}: 194968.8/64$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



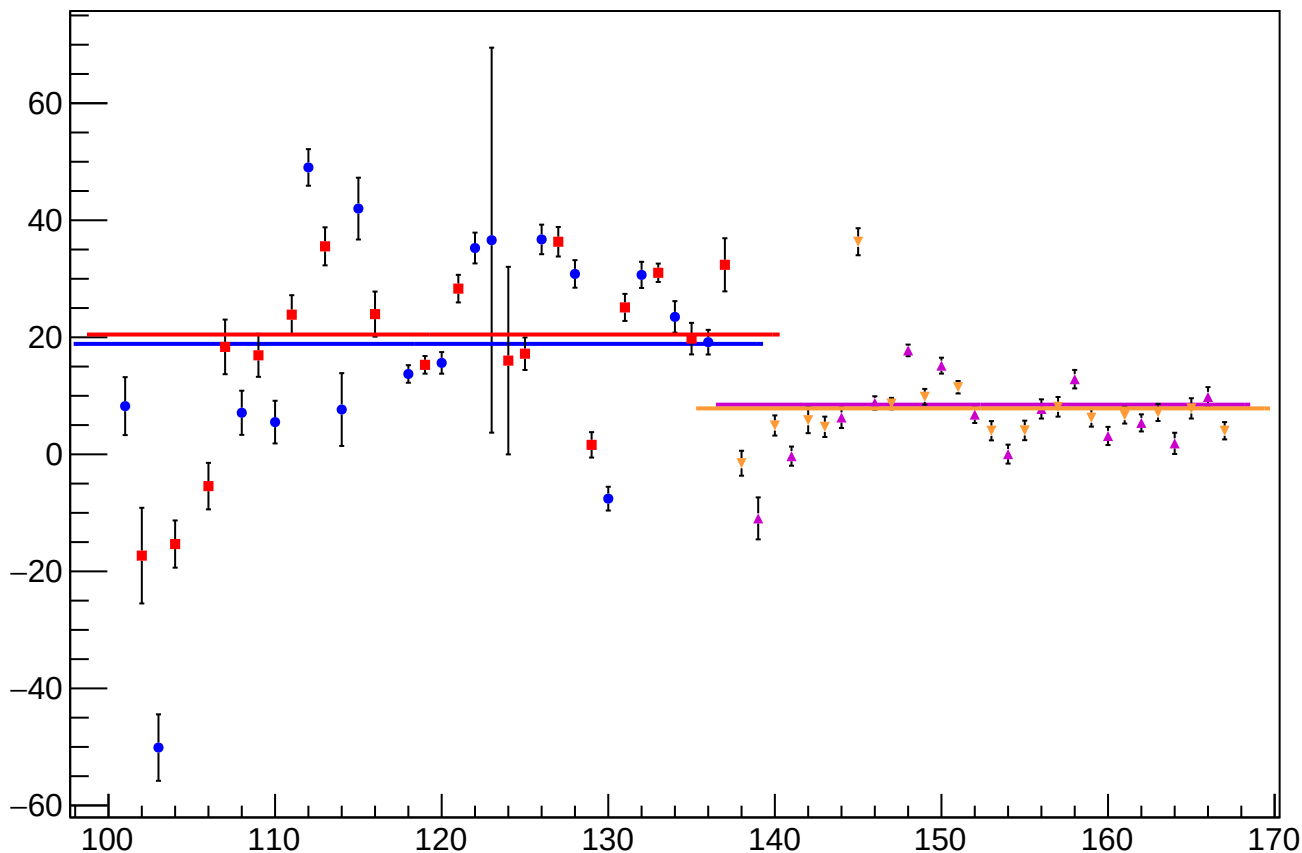
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -38.954 ± 0.538 $\chi^2/\text{NDF}: 1027.0/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -39.773 ± 0.562 $\chi^2/\text{NDF}: 903.4/13$

Left: -39.346 ± 0.389 $\chi^2/\text{NDF}: 1931.5/29$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -39.773 ± 0.562 $\chi^2/\text{NDF}: 903.4/13$
 Out: -38.954 ± 0.538 $\chi^2/\text{NDF}: 1027.0/15$

All: -39.346 ± 0.389 $\chi^2/\text{NDF}: 1931.5/29$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 7.851 $\pm$ 0.377 χ^2 /NDF:211.8/15

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 8.489 $\pm$ 0.400 χ^2 /NDF:237.8/13

Left: 8.152 $\pm$ 0.274 χ^2 /NDF: 451.0/29

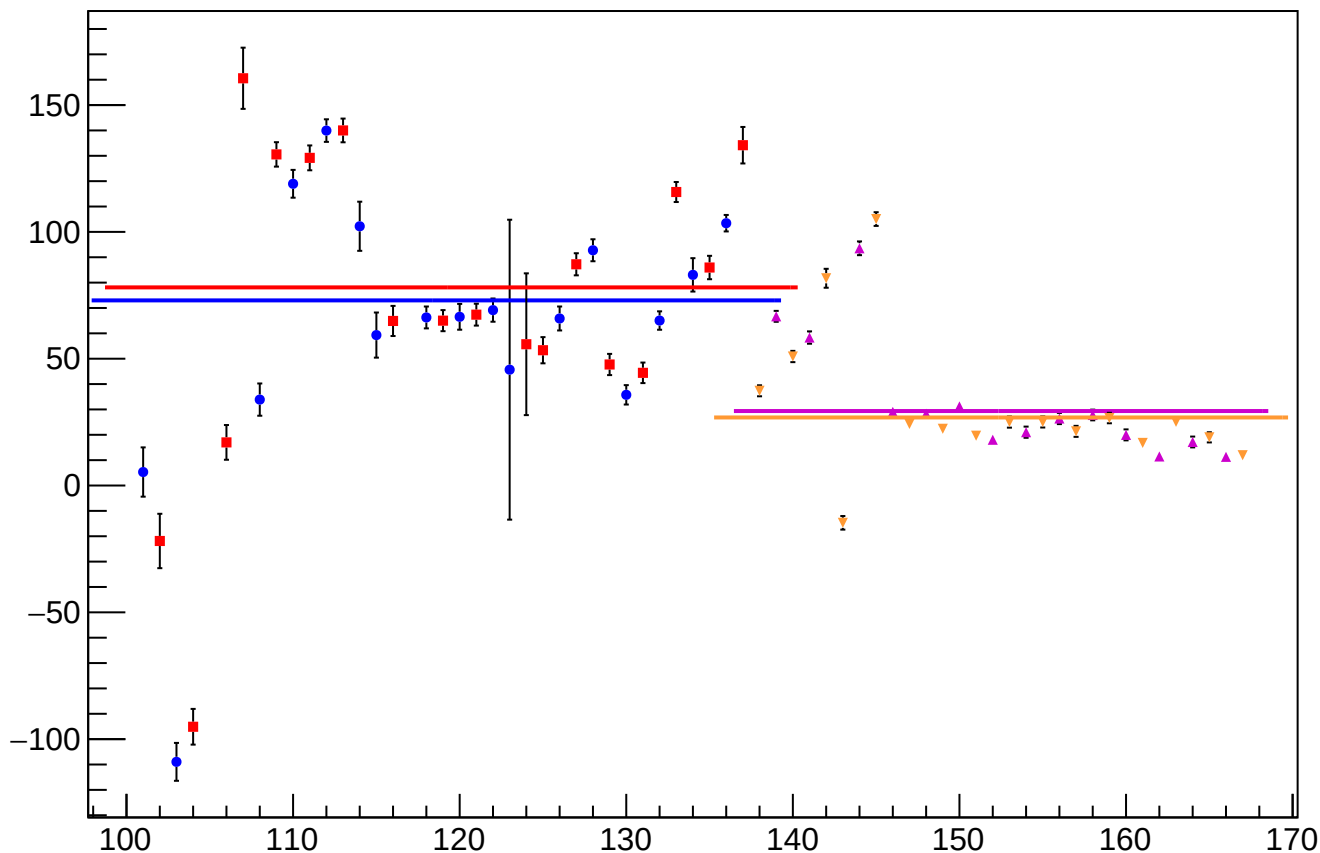
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 11.373 $\pm$ 0.340 χ^2 /NDF:1046.0/30

Out: 11.080 $\pm$ 0.325 χ^2 /NDF:860.6/33

All: 11.220 $\pm$ 0.235 χ^2 /NDF: 1906.9/64

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 26.831 $\pm$ 0.527 χ^2 /NDF:1579.4/15

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 29.365 $\pm$ 0.547 χ^2 /NDF:1308.8/13

Left: 28.053 $\pm$ 0.380 χ^2 /NDF: 2899.4/29

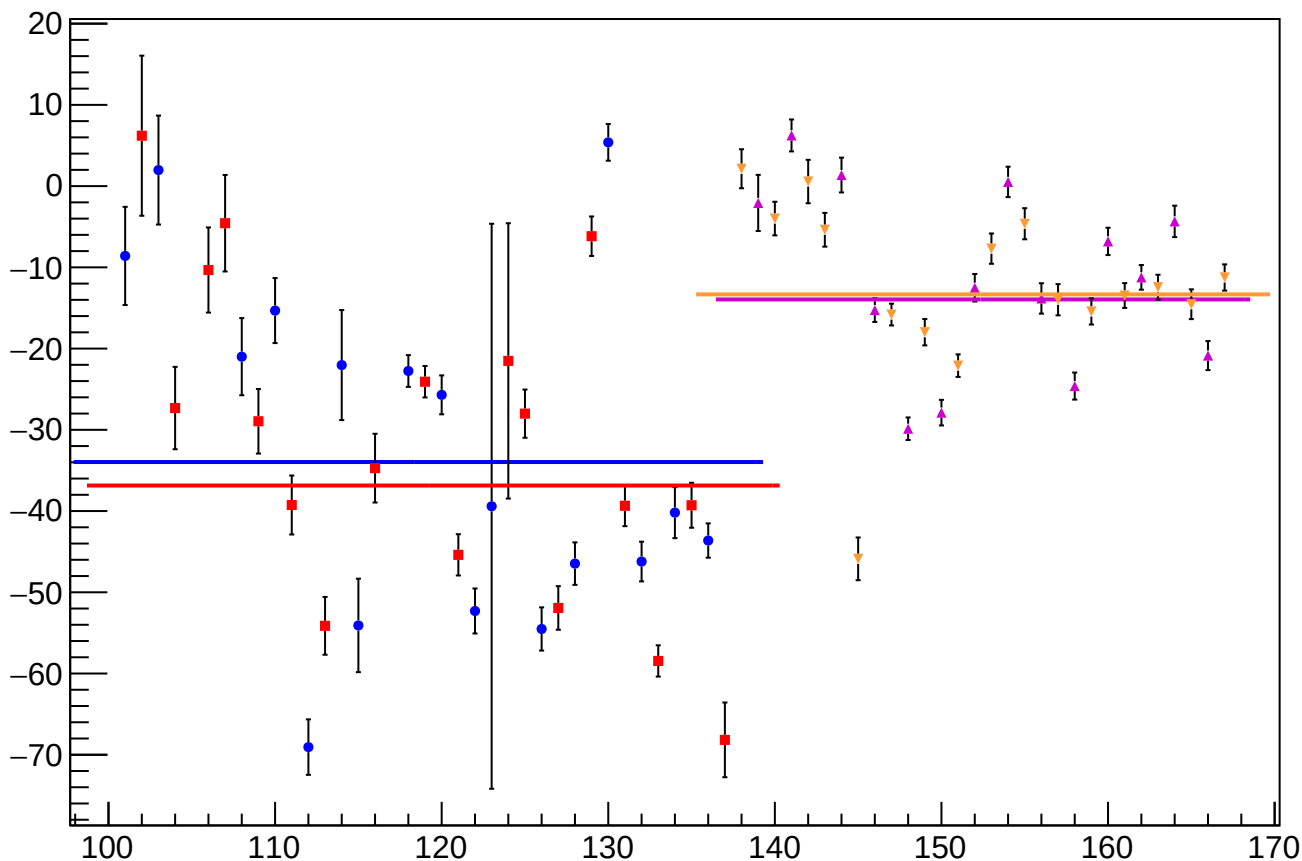
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 36.558 $\pm$ 0.499 χ^2 /NDF:3564.9/30

Out: 34.864 $\pm$ 0.484 χ^2 /NDF:4607.3/33

All: 35.685 $\pm$ 0.348 χ^2 /NDF: 8178.1/64

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: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -13.950 ± 0.466 χ^2/NDF : 541.2/13

Left: -13.622 ± 0.321 χ^2/NDF : 884.4/29

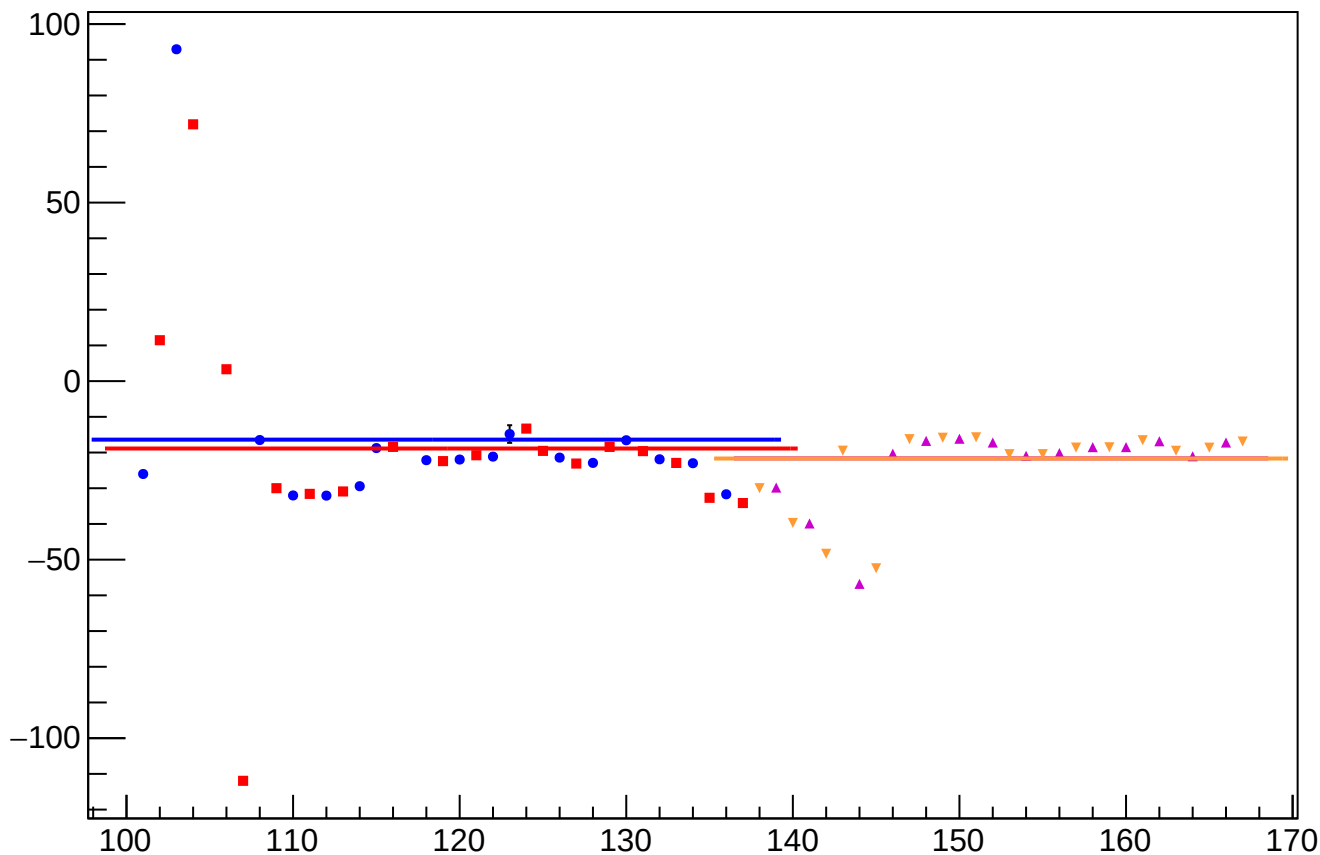
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -19.665 ± 0.394 χ^2/NDF : 1789.3/30

Out: -19.541 ± 0.379 χ^2/NDF : 1627.6/33

All: -19.601 ± 0.273 χ^2/NDF : 3416.9/64

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -21.676 ± 0.021 $\chi^2/\text{NDF}: 188867.6/15$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -21.642 ± 0.022 $\chi^2/\text{NDF}: 157355.3/13$

Left: -21.659 ± 0.015 $\chi^2/\text{NDF}: 346224.2/29$

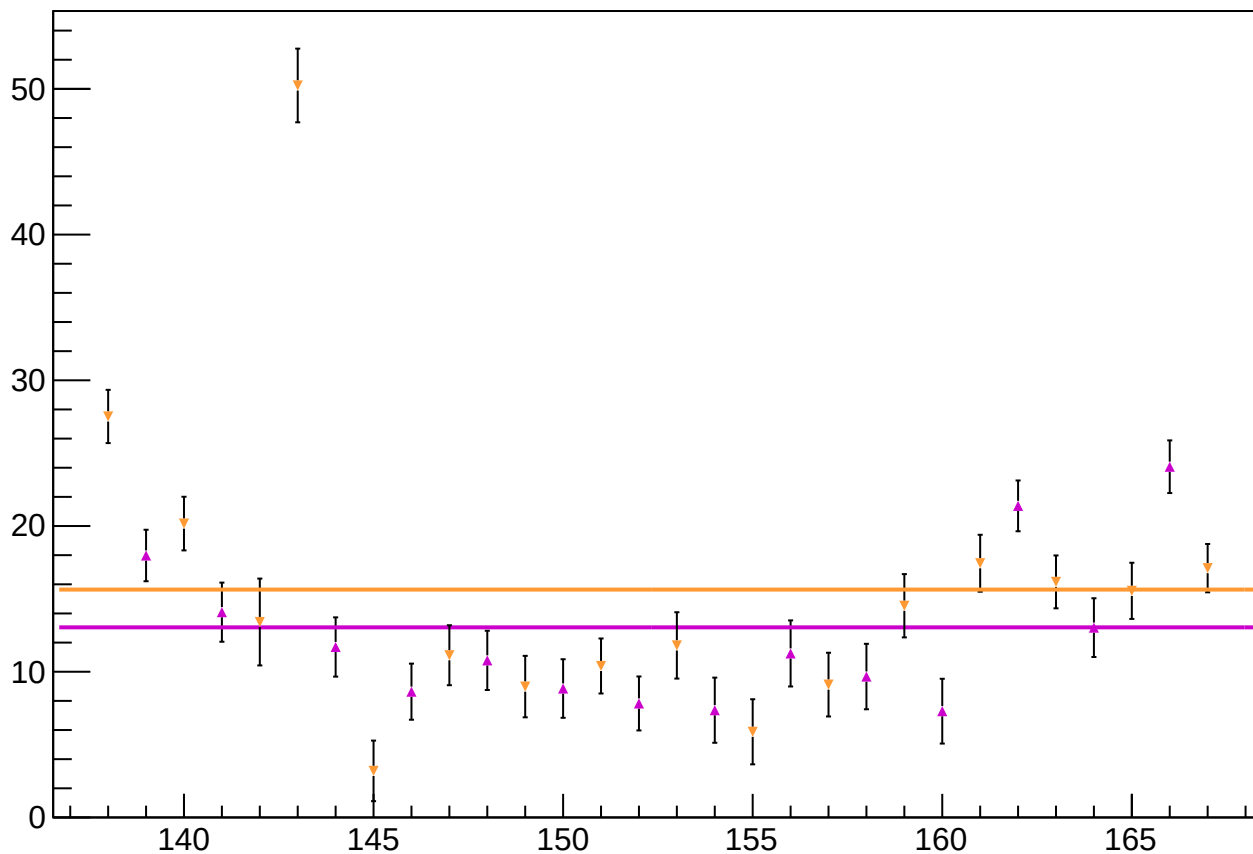
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.640 ± 0.019 $\chi^2/\text{NDF}: 642958.8/30$

Out: -21.189 ± 0.019 $\chi^2/\text{NDF}: 625403.5/33$

All: -20.922 ± 0.014 $\chi^2/\text{NDF}: 1268772.6/64$

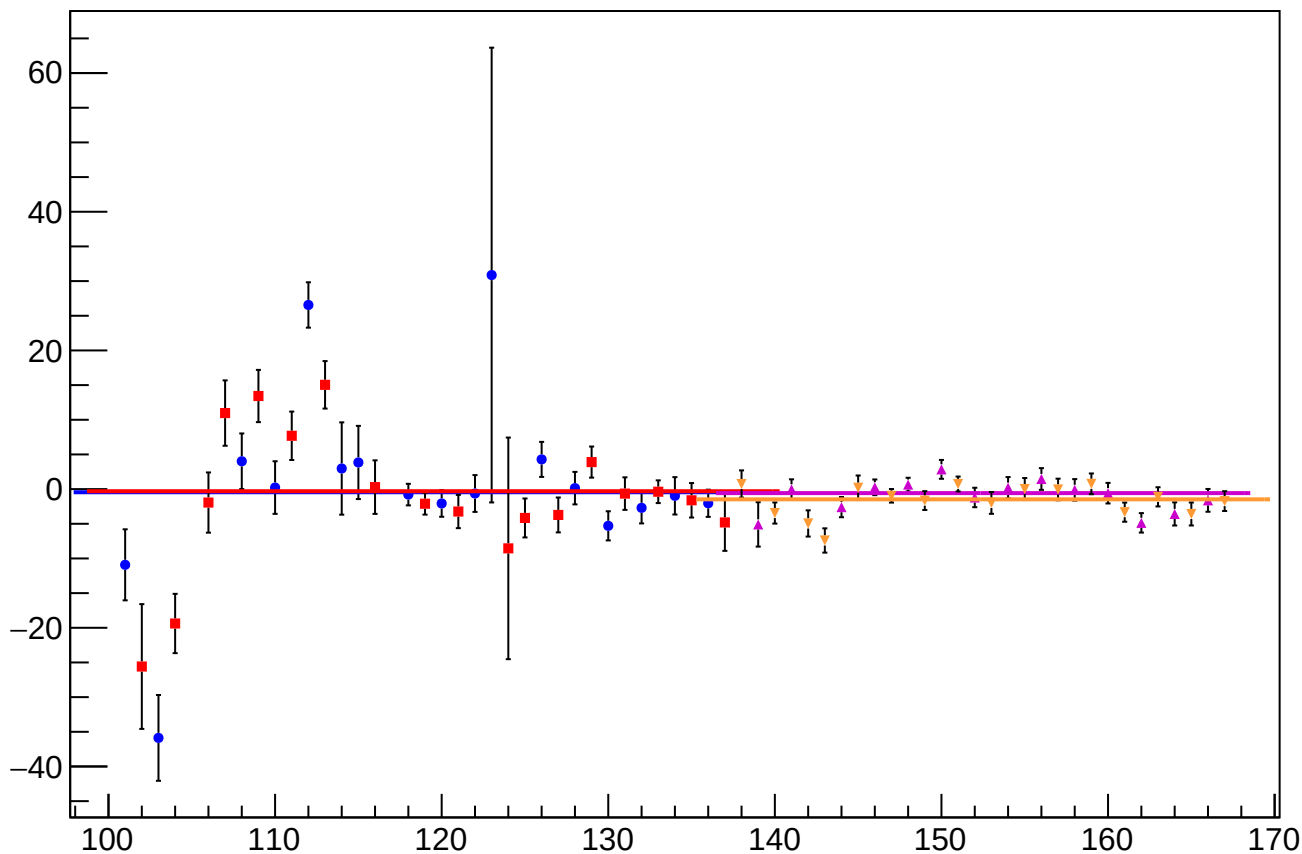
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 15.638 ± 0.510 $\chi^2/\text{NDF}: 327.3/15$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 13.046 ± 0.532 $\chi^2/\text{NDF}: 103.4/13$

Left: 14.398 ± 0.368 $\chi^2/\text{NDF}: 443.1/29$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 13.046 ± 0.532 $\chi^2/\text{NDF}: 103.4/13$
 Out: 15.638 ± 0.510 $\chi^2/\text{NDF}: 327.3/15$
 All: 14.398 ± 0.368 $\chi^2/\text{NDF}: 443.1/29$

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.474 ± 0.362 χ^2/NDF : 30.8/15

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.576 ± 0.382 χ^2/NDF : 27.7/13

Left: -1.050 ± 0.263 χ^2/NDF : 61.4/29

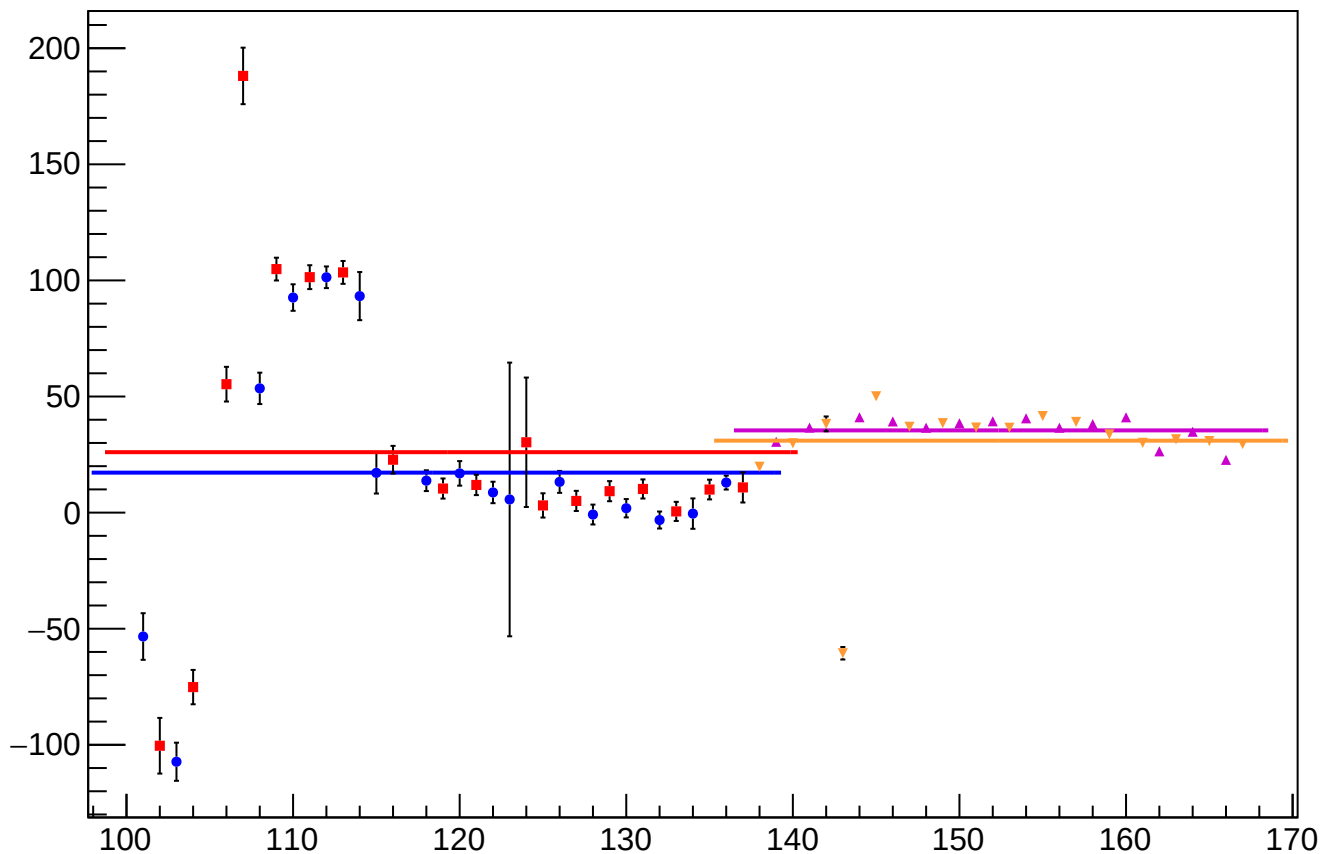
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.544 ± 0.330 χ^2/NDF : 147.2/30

Out: -1.202 ± 0.317 χ^2/NDF : 117.3/33

All: -0.886 ± 0.229 χ^2/NDF : 266.7/64

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 30.989 ± 0.502 $\chi^2/\text{NDF}: 1353.3/15$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 35.414 ± 0.520 $\chi^2/\text{NDF}: 118.3/13$

Left: 33.124 ± 0.361 $\chi^2/\text{NDF}: 1509.2/29$

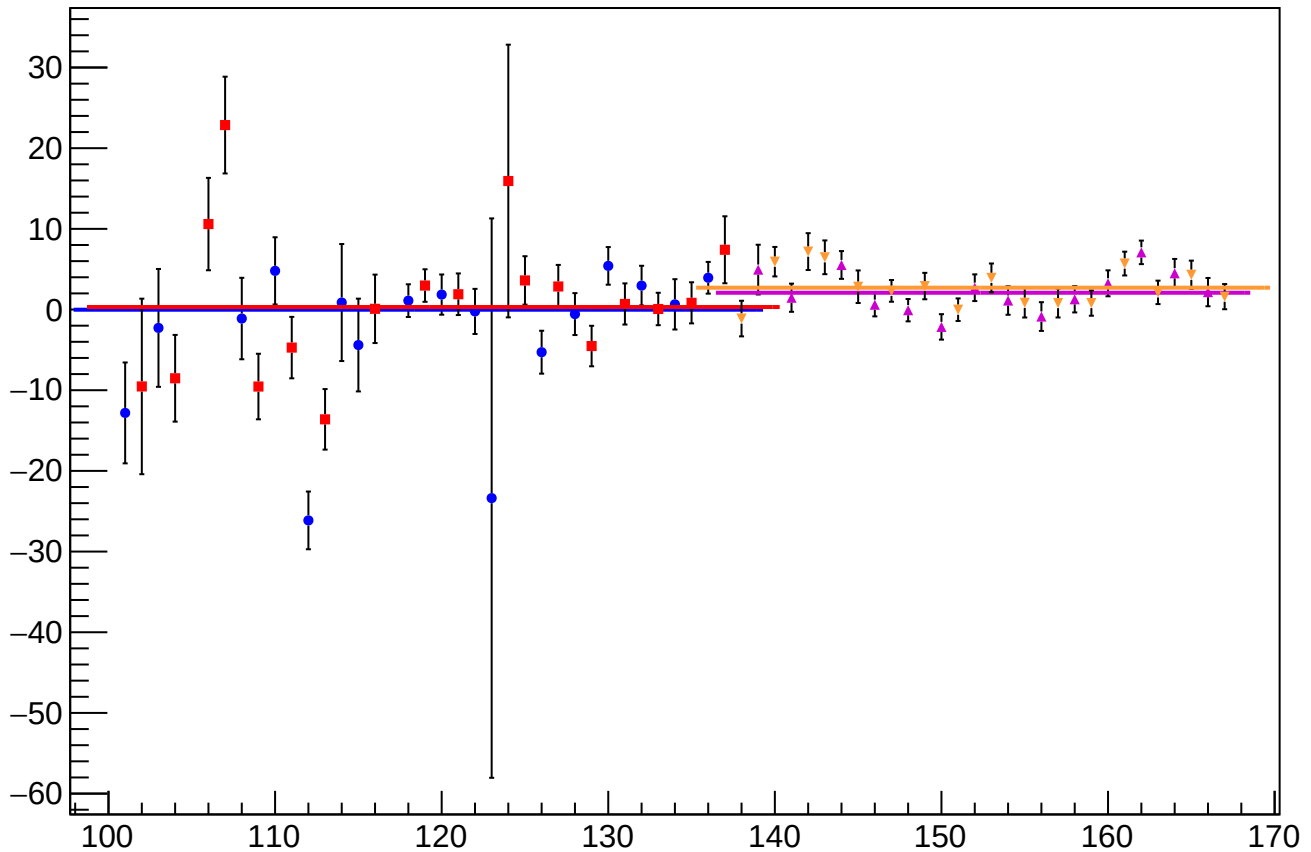
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 32.701 ± 0.479 $\chi^2/\text{NDF}: 1241.4/30$

Out: 30.296 ± 0.465 $\chi^2/\text{NDF}: 2733.0/33$

All: 31.463 ± 0.334 $\chi^2/\text{NDF}: 3987.3/64$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.709 ± 0.422 χ^2/NDF : 26.8/15

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.081 ± 0.445 χ^2/NDF : 33.3/13

Left: 2.412 ± 0.306 χ^2/NDF : 61.2/29

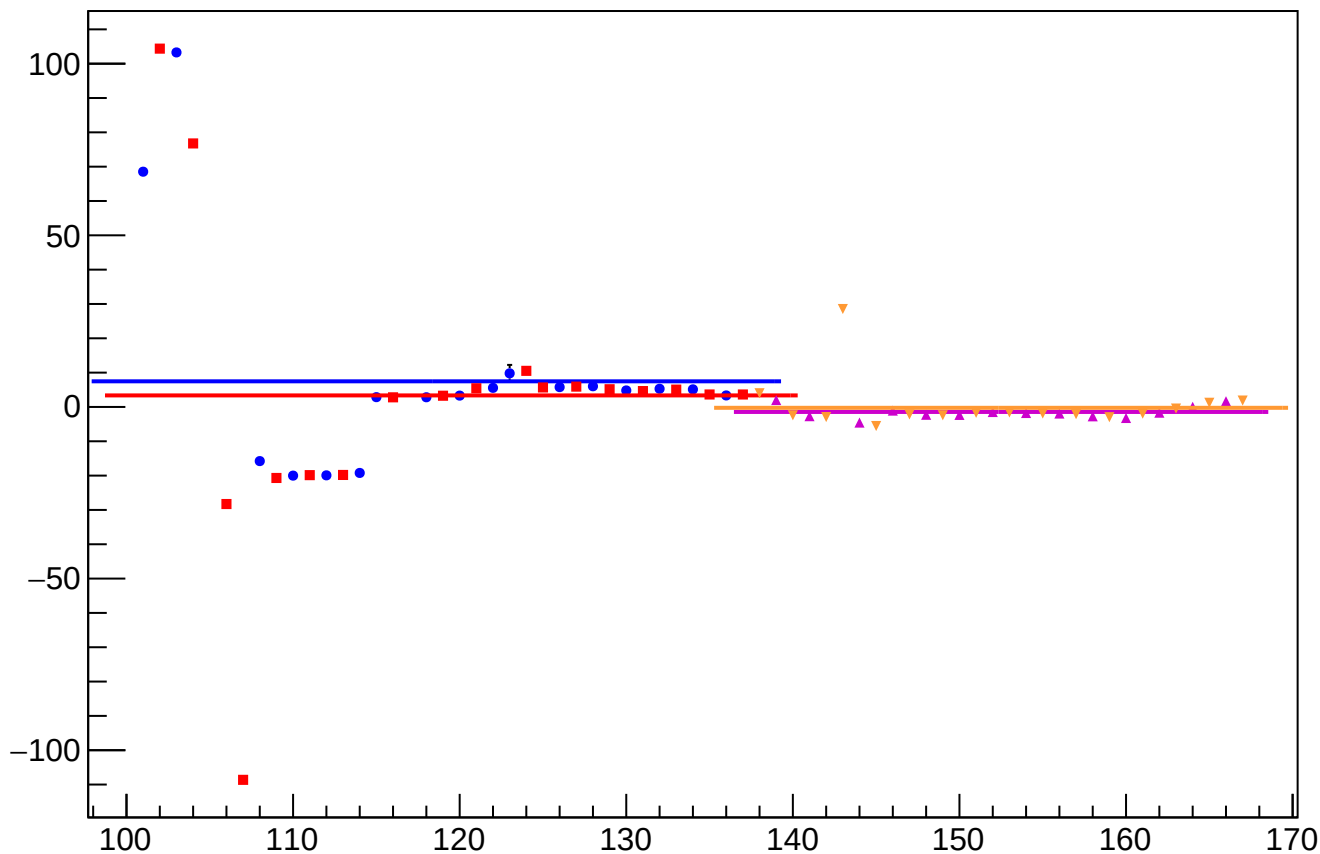
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.528 ± 0.382 χ^2/NDF : 115.0/30

Out: 2.132 ± 0.368 χ^2/NDF : 88.7/33

All: 1.841 ± 0.265 χ^2/NDF : 205.0/64

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: -0.249 $\pm$ 0.020 χ^2 /NDF: 85022.6/15

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.456 $\pm$ 0.020 χ^2 /NDF: 6857.1/13

Left: -0.830 $\pm$ 0.014 χ^2 /NDF: 93684.9/29

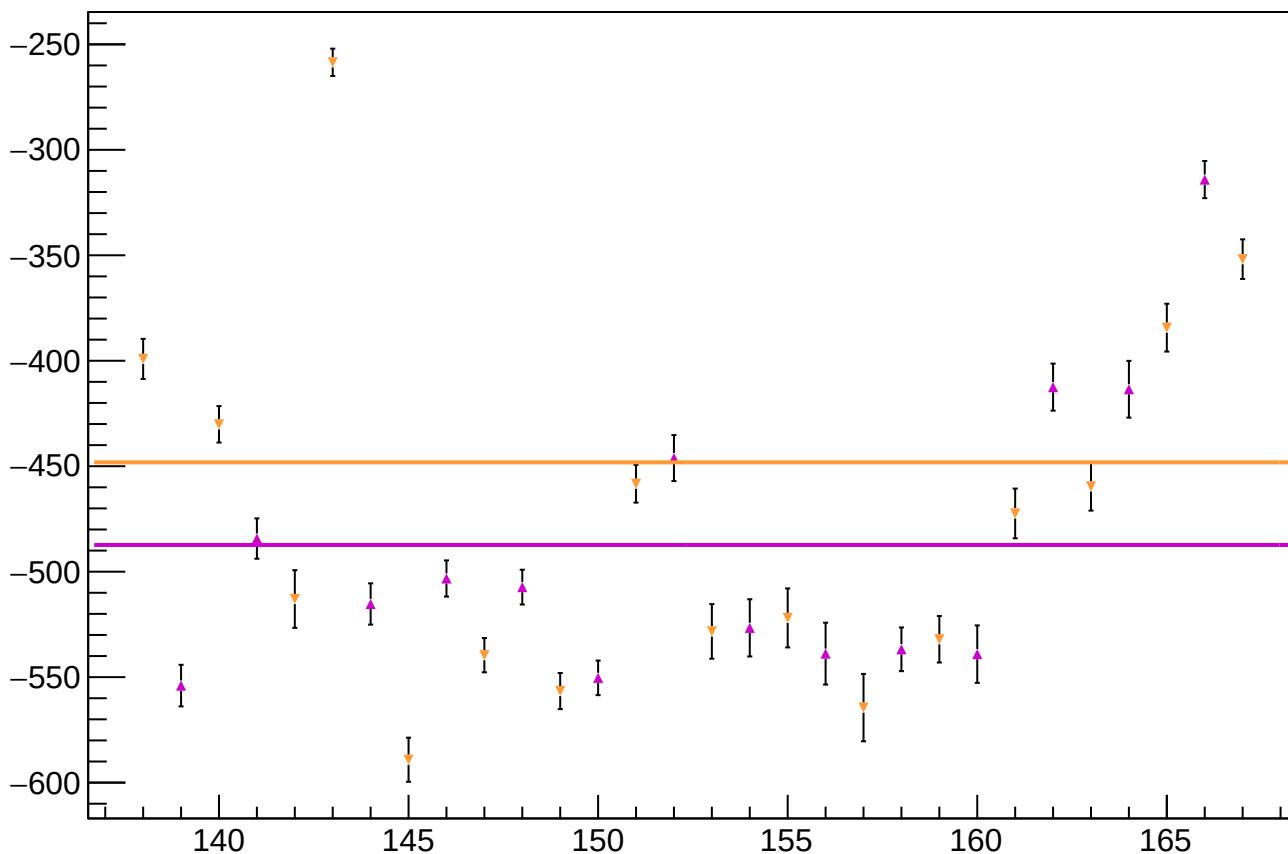
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.104 $\pm$ 0.019 χ^2 /NDF: 395969.8/30

Out: 0.319 $\pm$ 0.018 χ^2 /NDF: 595118.6/33

All: 0.215 $\pm$ 0.013 χ^2 /NDF: 991156.8/64

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: -487.330+/-2.726 χ^2/NDF : 656.9/13

Left: -465.983+/-1.839 χ^2/NDF : 2469.1/29

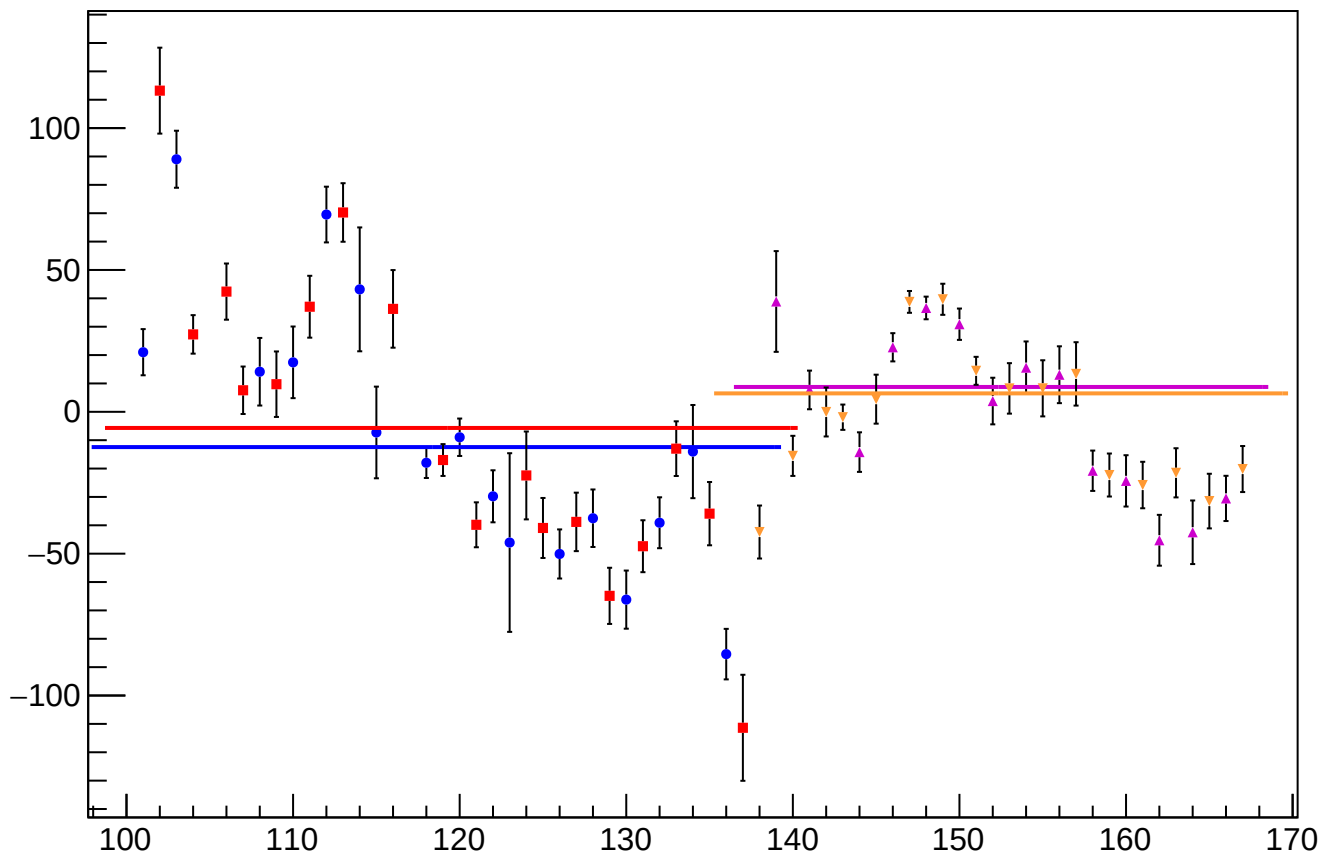
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -487.330+/-2.726 χ^2/NDF : 656.9/13

Out: -448.160+/-2.491 χ^2/NDF : 1699.8/15

All: -465.983+/-1.839 χ^2/NDF : 2469.1/29

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 6.497 ± 1.682 χ^2/NDF : 218.1/15

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 8.762 ± 1.870 χ^2/NDF : 199.7/13

Left: 7.510 ± 1.251 χ^2/NDF : 418.5/29

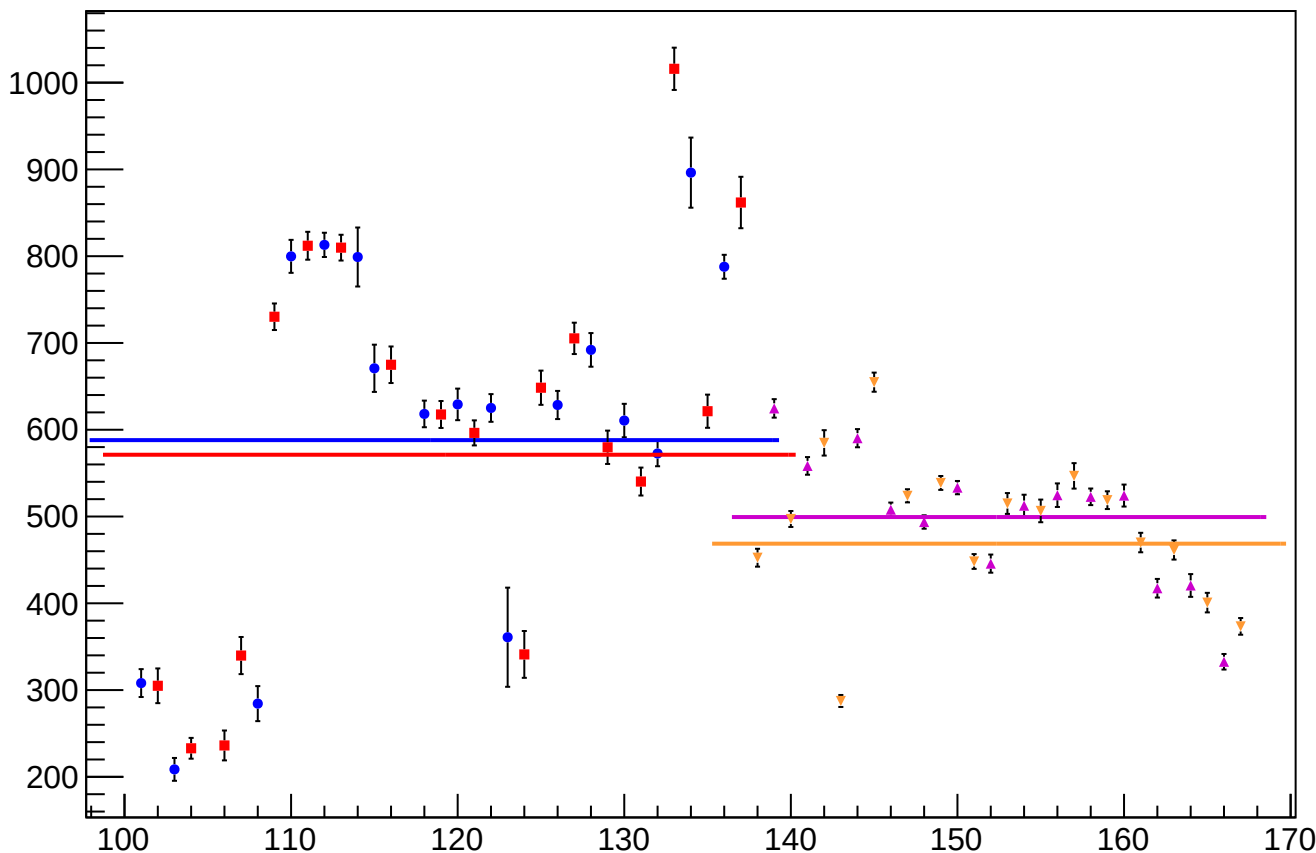
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 0.393 ± 1.455 χ^2/NDF : 590.6/30

Out: 2.160 ± 1.350 χ^2/NDF : 570.4/33

All: 1.342 ± 0.990 χ^2/NDF : 1161.8/64

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 468.707 $\pm$ 2.472 χ^2 /NDF:1394.5/15

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 499.392 $\pm$ 2.661 χ^2 /NDF:748.8/13

Left: 482.925 $\pm$ 1.811 χ^2 /NDF: 2214.7/29

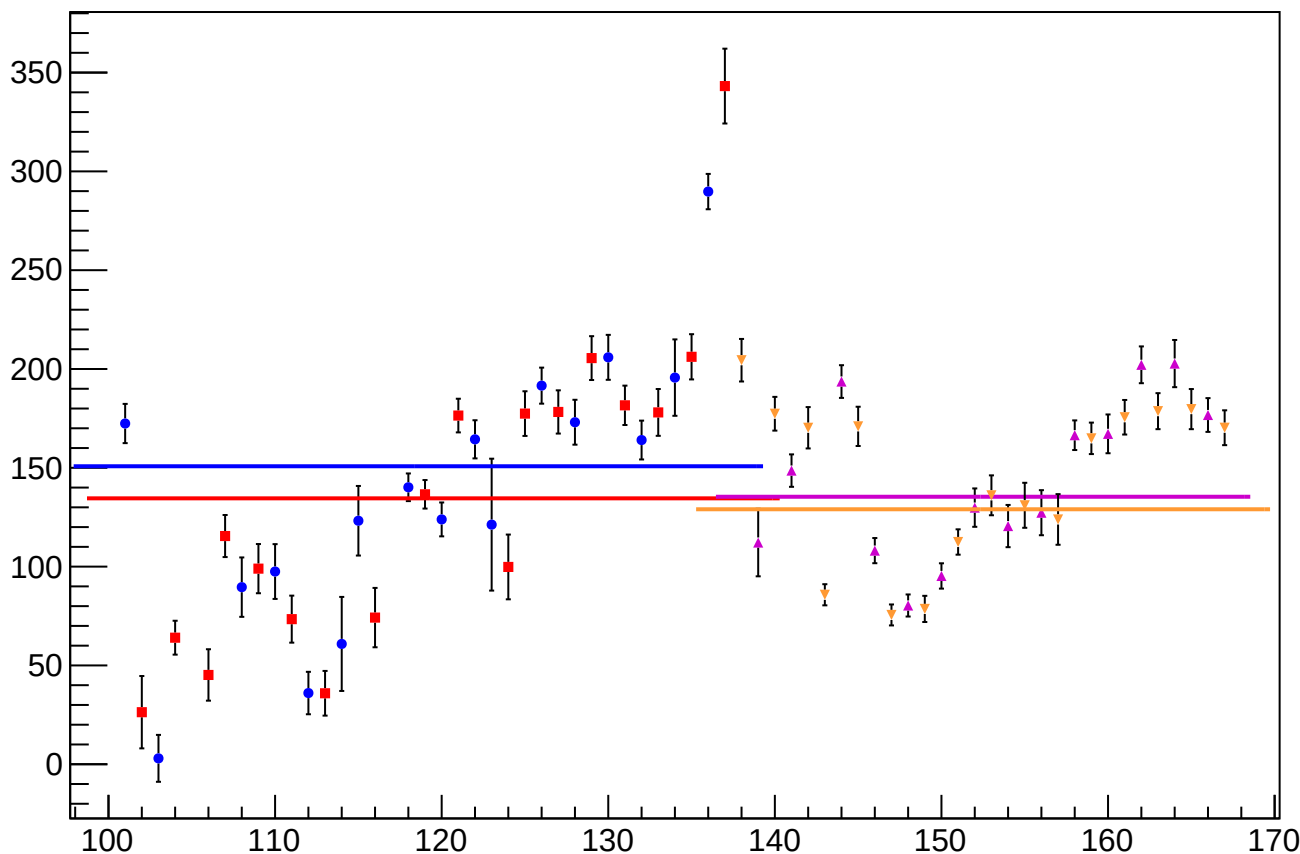
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 523.699 $\pm$ 2.267 χ^2 /NDF:3180.9/30

Out: 495.548 $\pm$ 2.124 χ^2 /NDF:4524.9/33

All: 508.709 $\pm$ 1.550 χ^2 /NDF: 7787.9/64

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 129.020 $\pm$ 2.015 χ^2 /NDF: 472.1/15

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 135.358 $\pm$ 2.228 χ^2 /NDF: 345.9/13

Left: 131.871 $\pm$ 1.494 χ^2 /NDF: 822.4/29

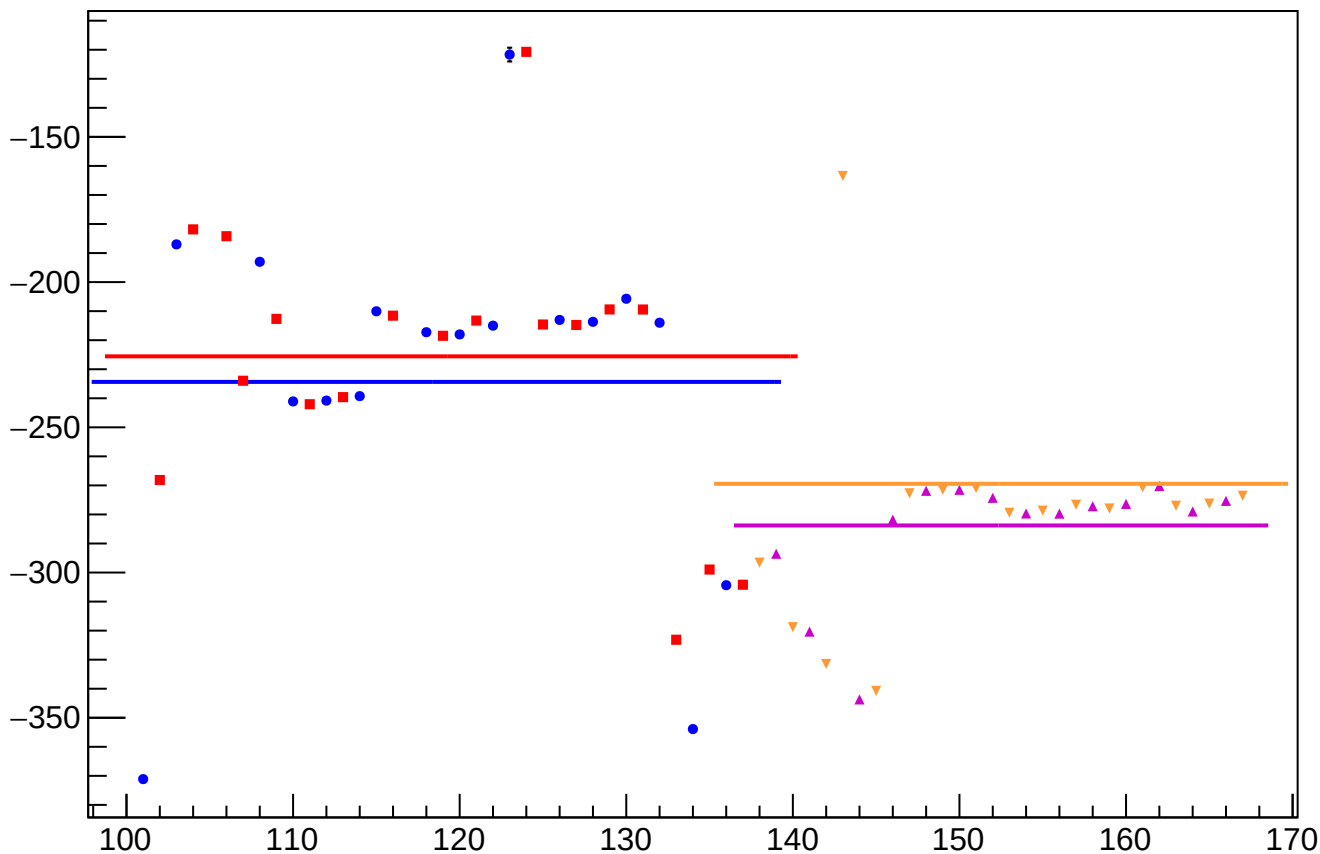
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 141.665 $\pm$ 1.713 χ^2 /NDF: 998.6/30

Out: 131.075 $\pm$ 1.597 χ^2 /NDF: 1051.1/33

All: 135.999 $\pm$ 1.168 χ^2 /NDF: 2070.2/64

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -269.446+/-0.100 χ^2/NDF : 205085.5/15

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -283.784+/-0.107 χ^2/NDF : 31250.7/13

Left: -276.110+/-0.073 χ^2/NDF : 245935.1/29

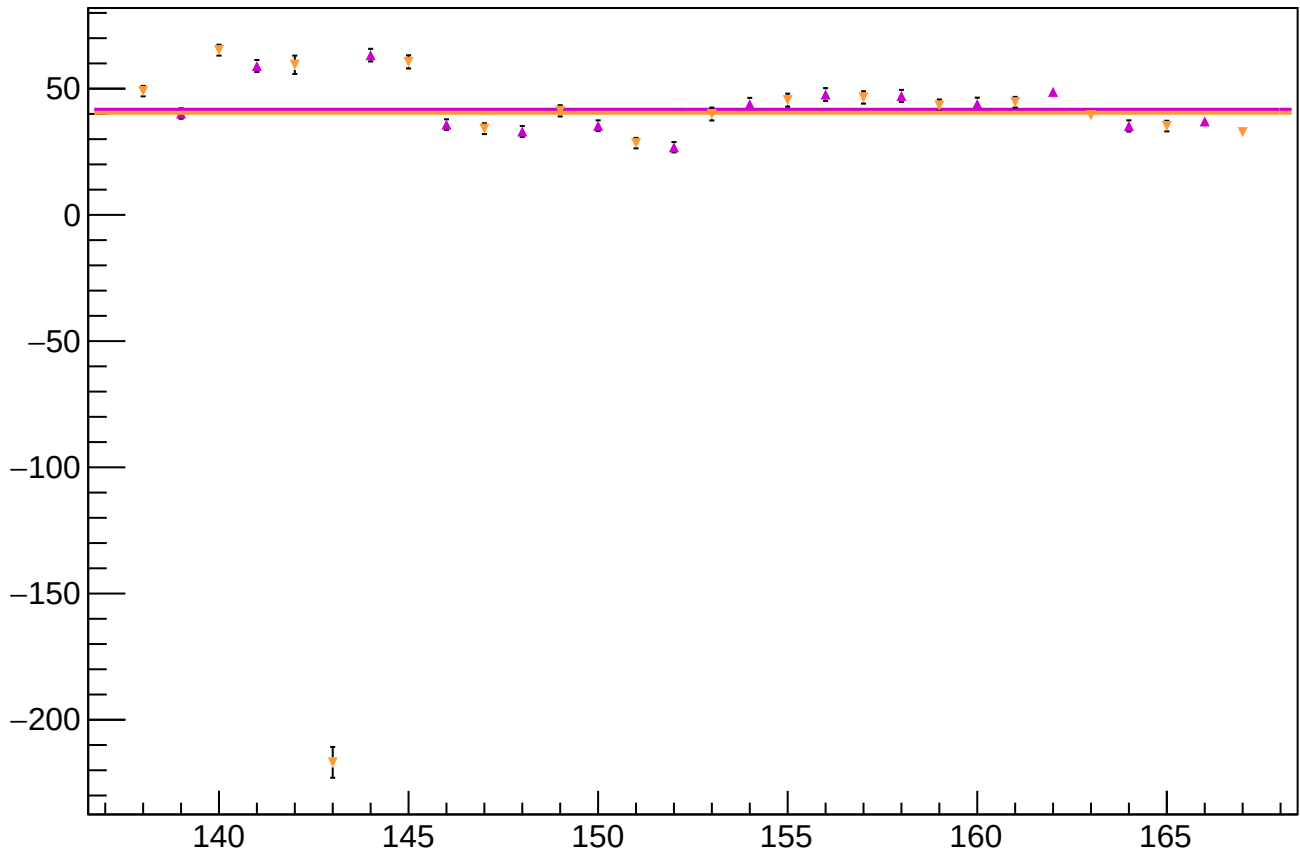
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -266.877+/-0.087 χ^2/NDF : 249309.3/30

Out: -254.932+/-0.082 χ^2/NDF : 362029.4/33

All: -260.535+/-0.059 χ^2/NDF : 621384.7/64

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: 41.643+/-0.590 χ^2/NDF :253.3/13

Left: 41.026+/-0.412 χ^2/NDF : 2346.1/29

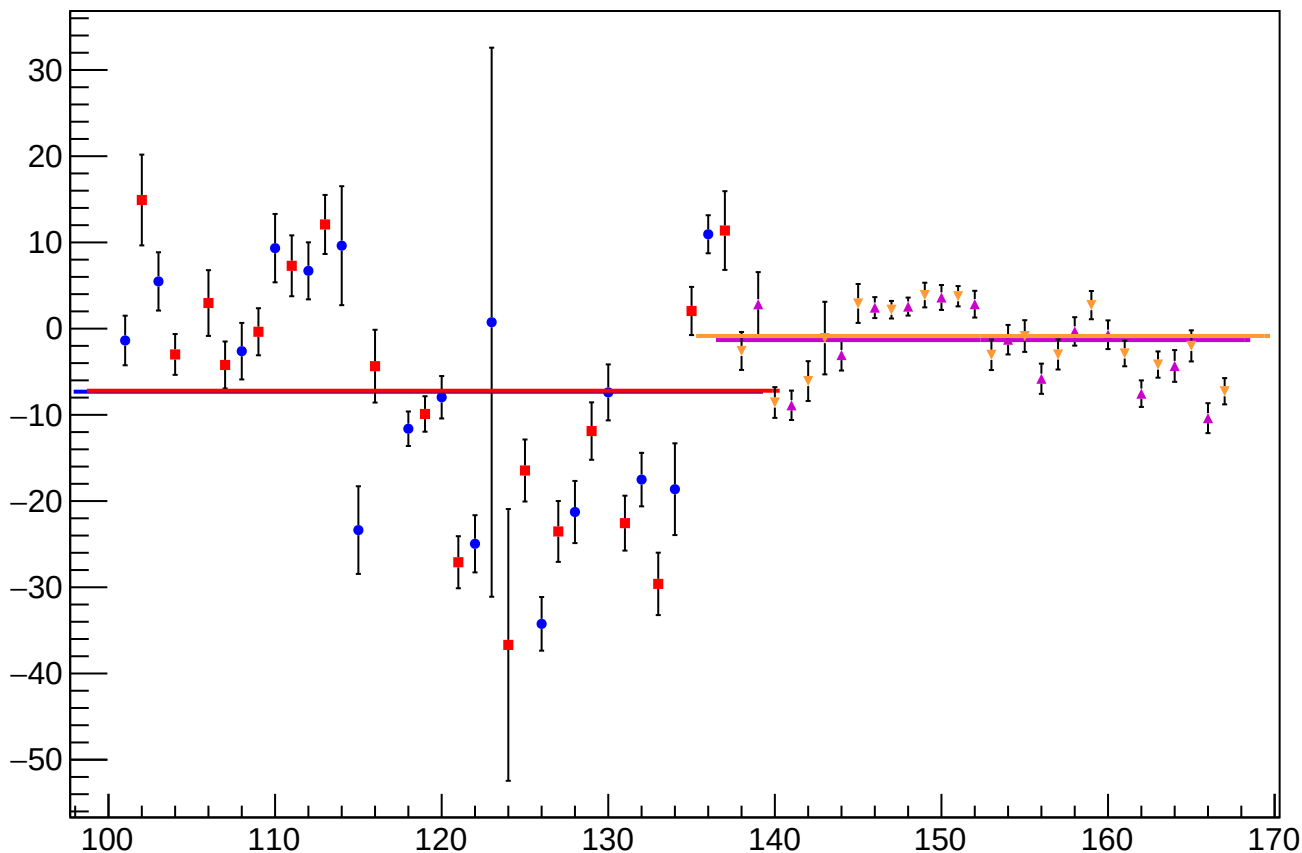
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.643+/-0.590 χ^2/NDF :253.3/13

Out: 40.439+/-0.576 χ^2/NDF :2090.7/15

All: 41.026+/-0.412 χ^2/NDF : 2346.1/29

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -0.852 ± 0.406 χ^2/NDF : 95.1/15

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -1.327 ± 0.421 χ^2/NDF : 117.4/13

Left: -1.081 ± 0.292 χ^2/NDF : 213.1/29

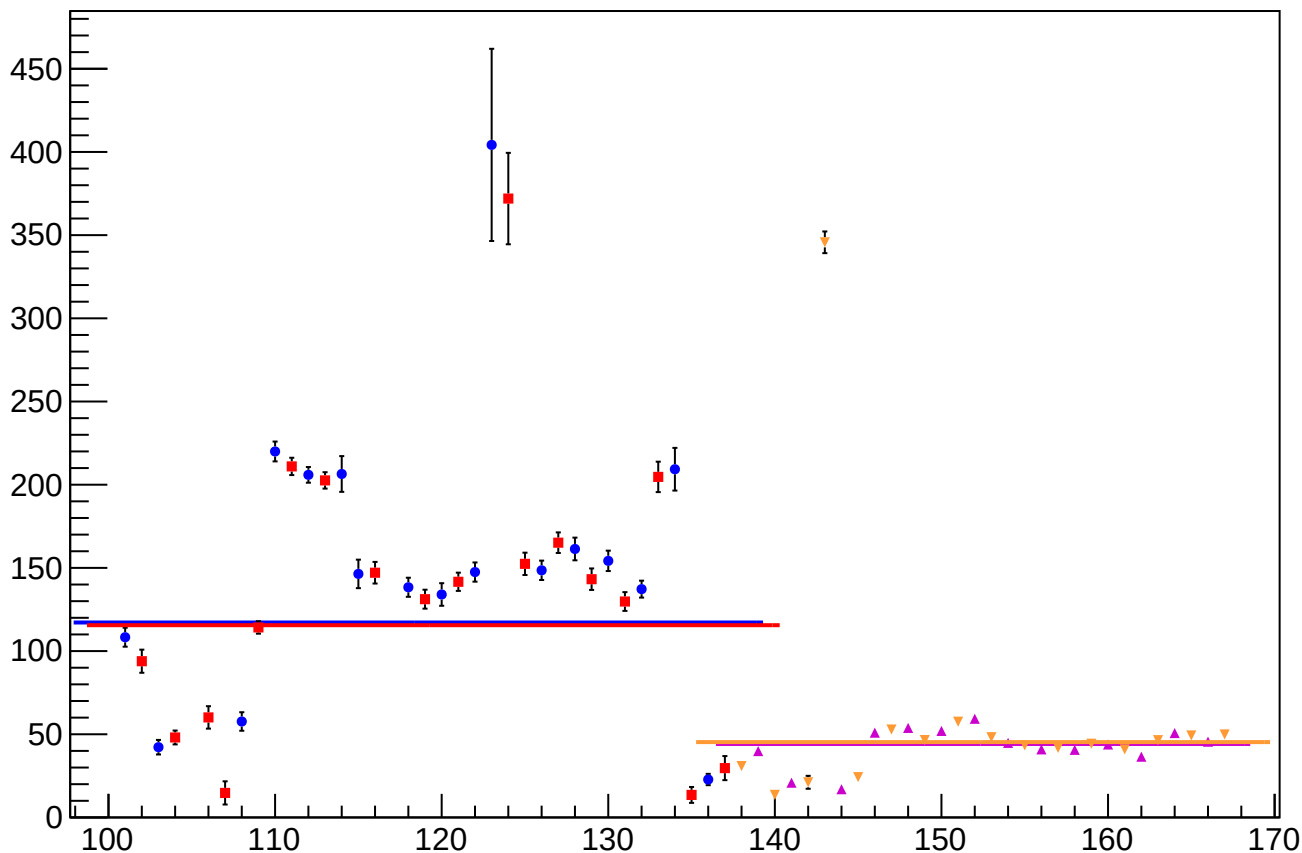
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.675 ± 0.370 χ^2/NDF : 442.1/30

Out: -2.255 ± 0.358 χ^2/NDF : 401.3/33

All: -2.458 ± 0.257 χ^2/NDF : 844.1/64

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 45.295+/-0.564 χ^2/NDF :2525.2/15

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 44.175+/-0.575 χ^2/NDF :331.7/13

Left: 44.746+/-0.402 χ^2/NDF : 2858.9/29

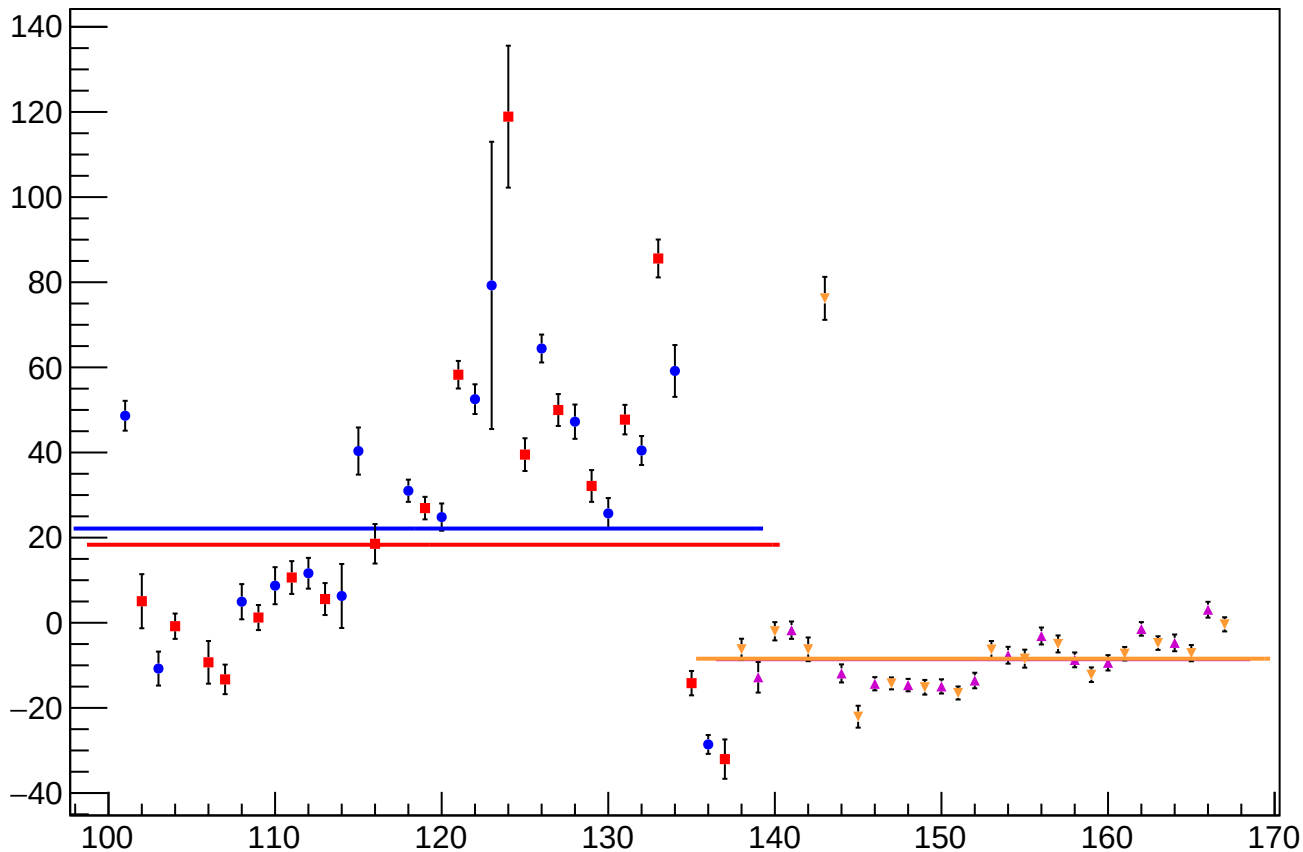
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 54.557+/-0.532 χ^2/NDF :4786.3/30

Out: 55.557+/-0.521 χ^2/NDF :6943.0/33

All: 55.068+/-0.372 χ^2/NDF : 11731.0/64

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2/NDF : 1064.1/16

Left Out: -8.441 $\pm$ 0.474 χ^2/NDF : 418.4/15

Right Out: 18.331 $\pm$ 0.872 χ^2/NDF : 1070.4/17

Left In: -8.559 $\pm$ 0.491 χ^2/NDF : 138.7/13

Left: -8.498 $\pm$ 0.341 χ^2/NDF : 557.1/29

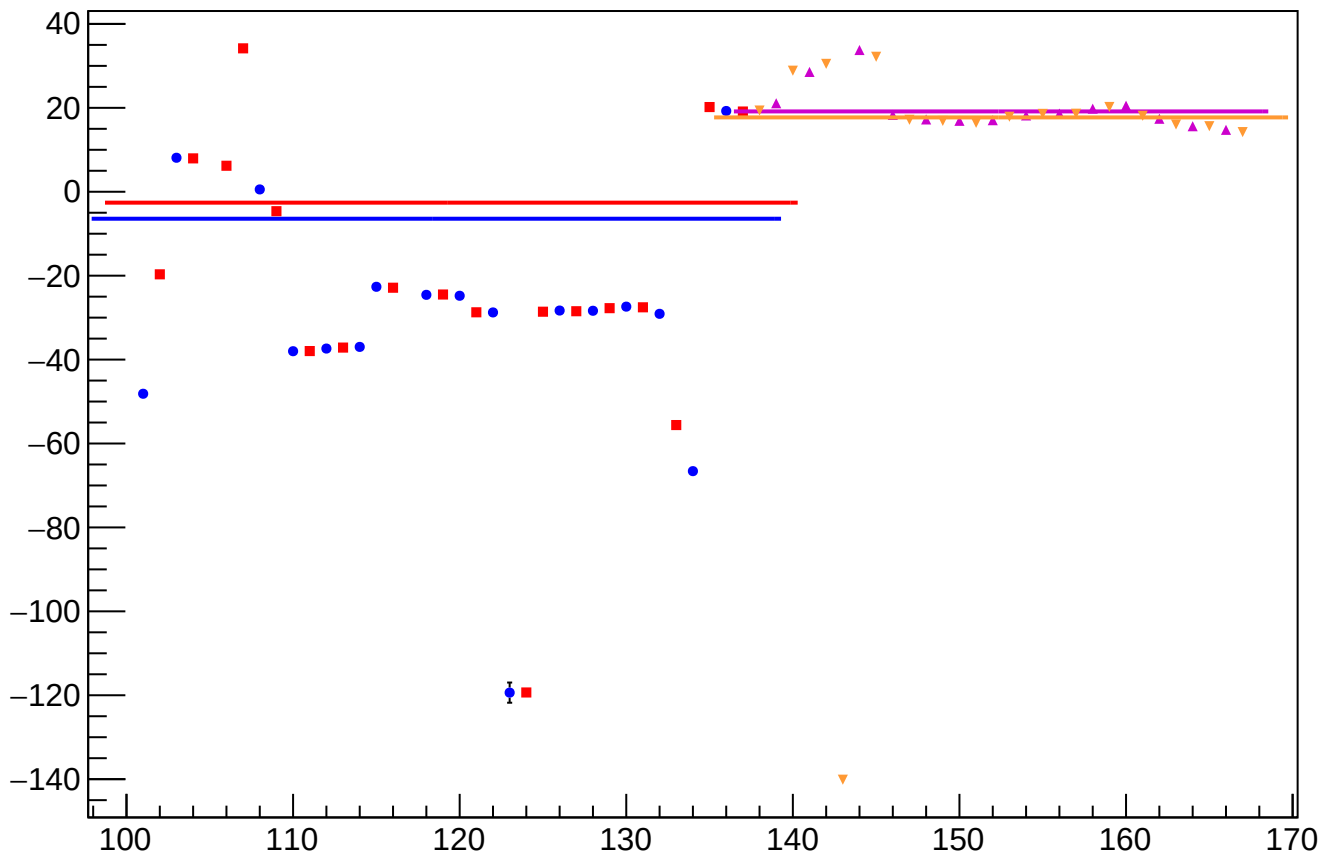
Right: 20.192 $\pm$ 0.623 χ^2/NDF : 2143.8/34

In: -1.421 $\pm$ 0.430 χ^2/NDF : 2113.3/30

Out: -2.339 $\pm$ 0.416 χ^2/NDF : 2216.5/33

All: -1.894 $\pm$ 0.299 χ^2/NDF : 4332.1/64

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 17.719 ± 0.022 χ^2/NDF : 404482.3/15

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 19.147 ± 0.023 χ^2/NDF : 31765.6/13

Left: 18.417 ± 0.016 χ^2/NDF : 438268.5/29

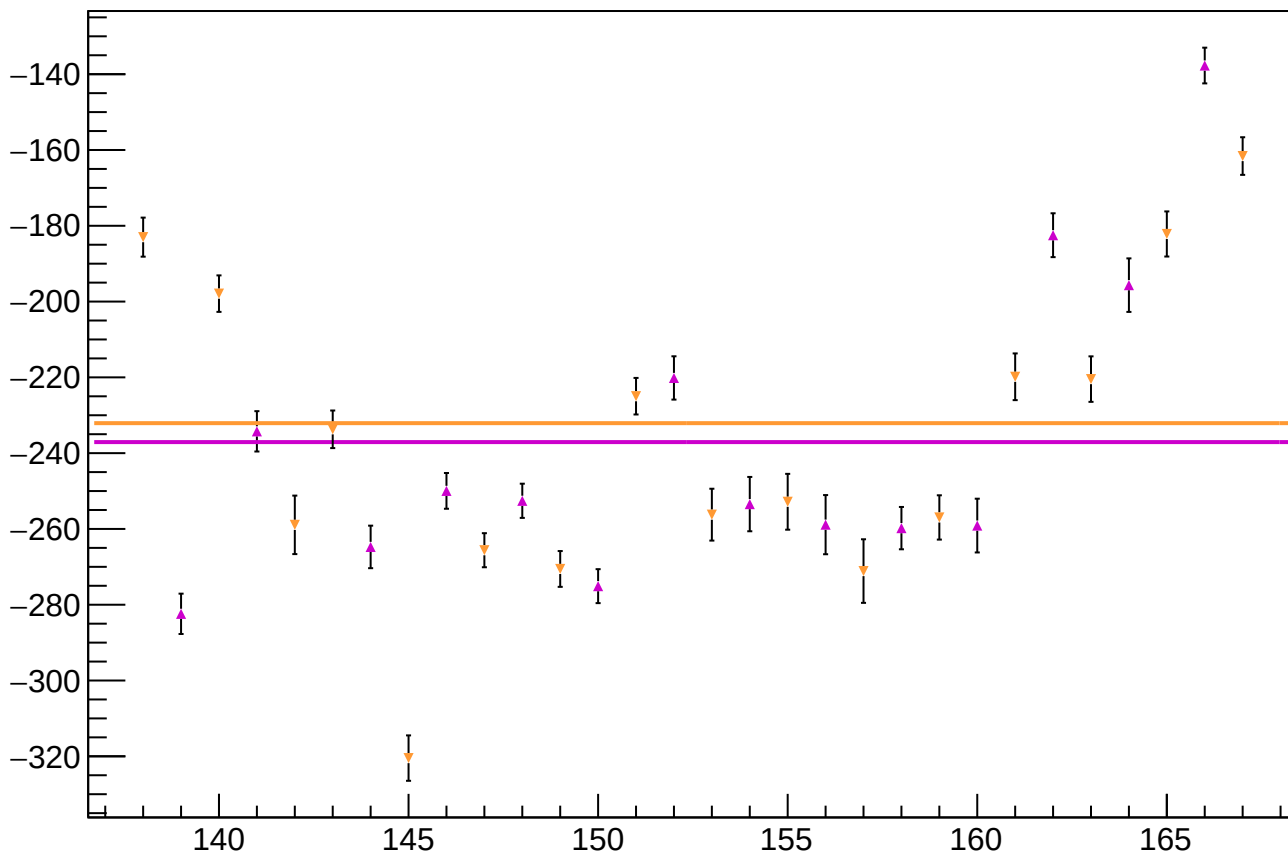
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 14.172 ± 0.020 χ^2/NDF : 543625.9/30

Out: 13.849 ± 0.020 χ^2/NDF : 827527.0/33

All: 14.008 ± 0.014 χ^2/NDF : 1371280.8/64

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: -237.083+/-1.475 χ^2/NDF : 804.1/13

Left: -234.455+/-1.016 χ^2/NDF : 1645.1/29

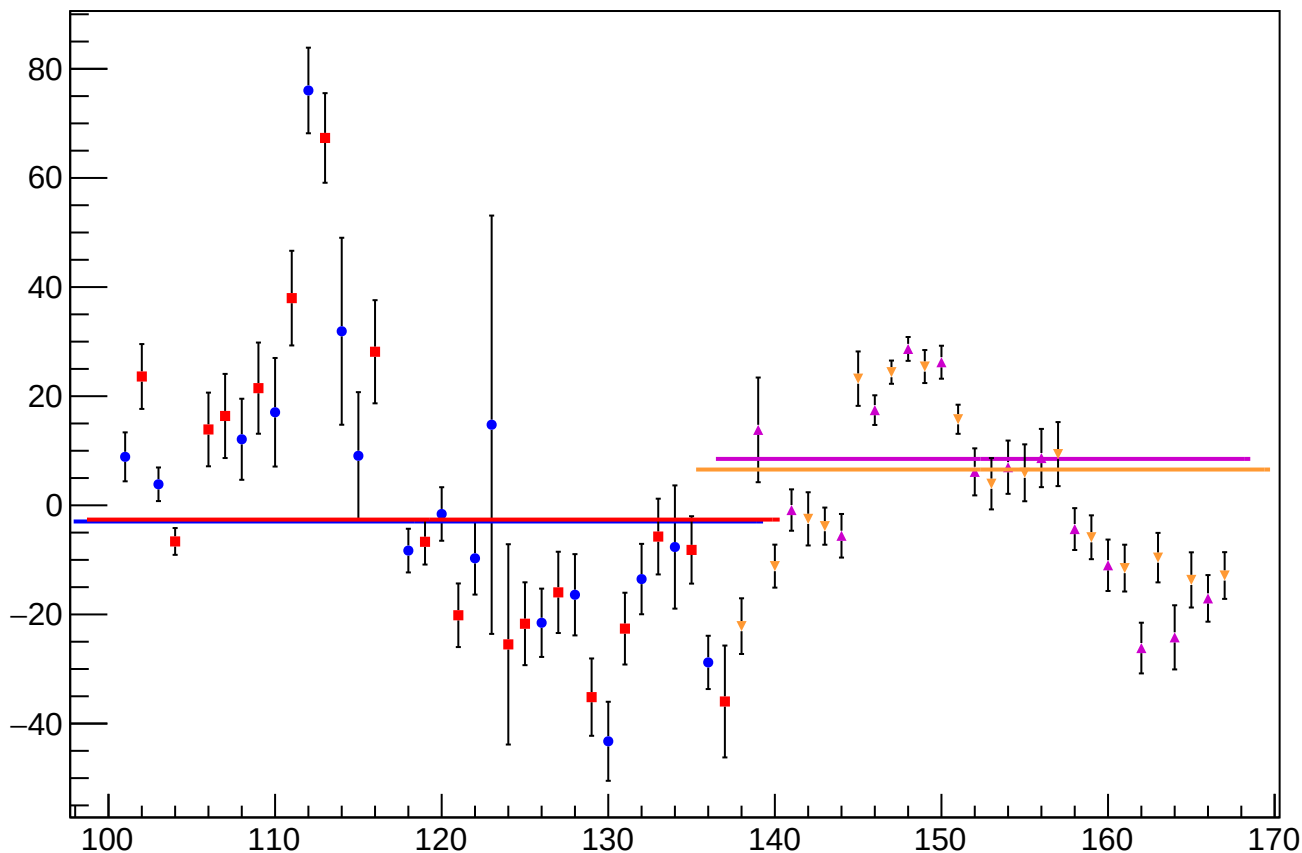
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -237.083+/-1.475 χ^2/NDF : 804.1/13

Out: -232.084+/-1.401 χ^2/NDF : 834.9/15

All: -234.455+/-1.016 χ^2/NDF : 1645.1/29

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 6.558 ± 0.949 χ^2/NDF : 273.8/15

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 8.505 ± 1.015 χ^2/NDF : 300.2/13

Left: 7.466 ± 0.693 χ^2/NDF : 576.0/29

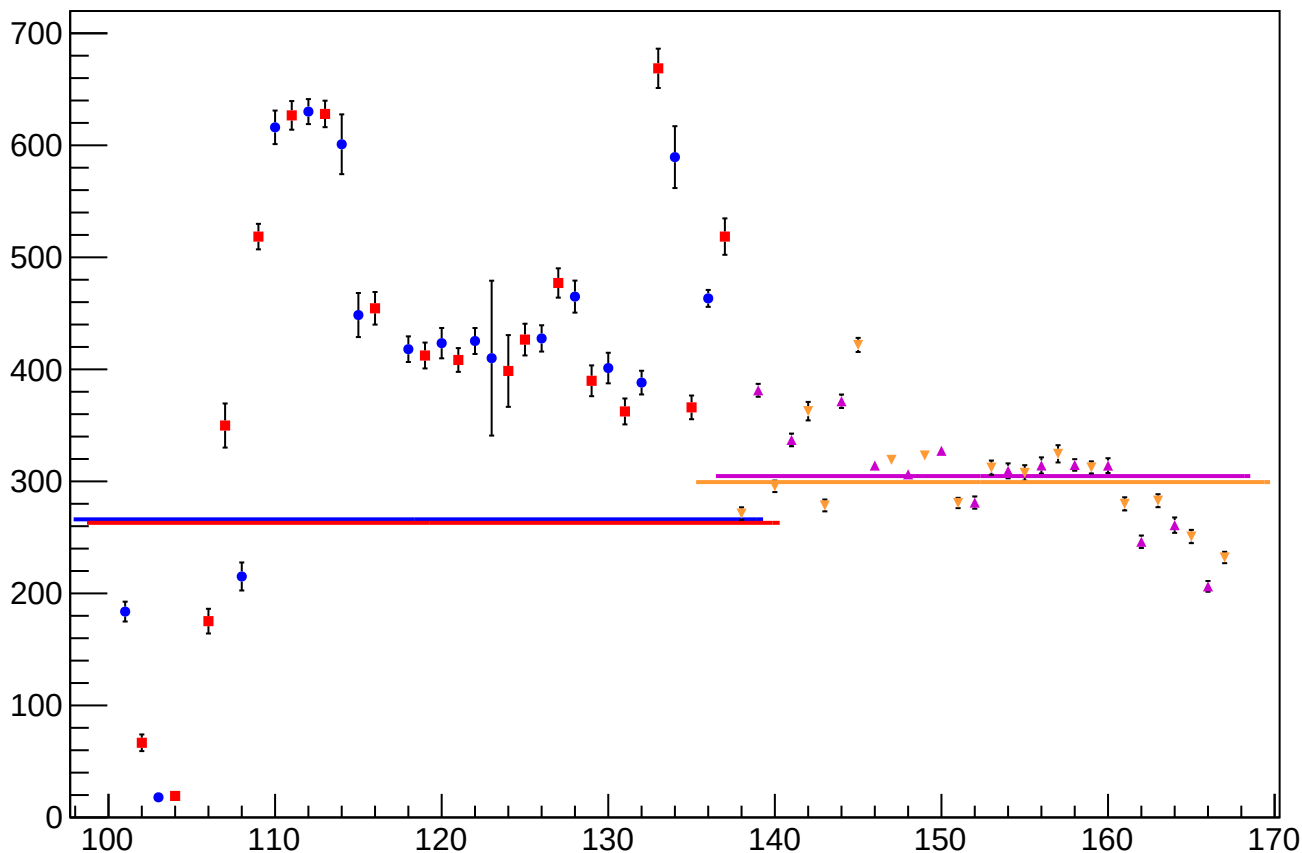
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 4.743 ± 0.832 χ^2/NDF : 545.7/30

Out: 3.668 ± 0.785 χ^2/NDF : 513.8/33

All: 4.175 ± 0.571 χ^2/NDF : 1060.3/64

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: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 304.739 $\pm$ 1.438 χ^2 /NDF:965.1/13

Left: 301.945 $\pm$ 0.996 χ^2 /NDF: 1802.6/29

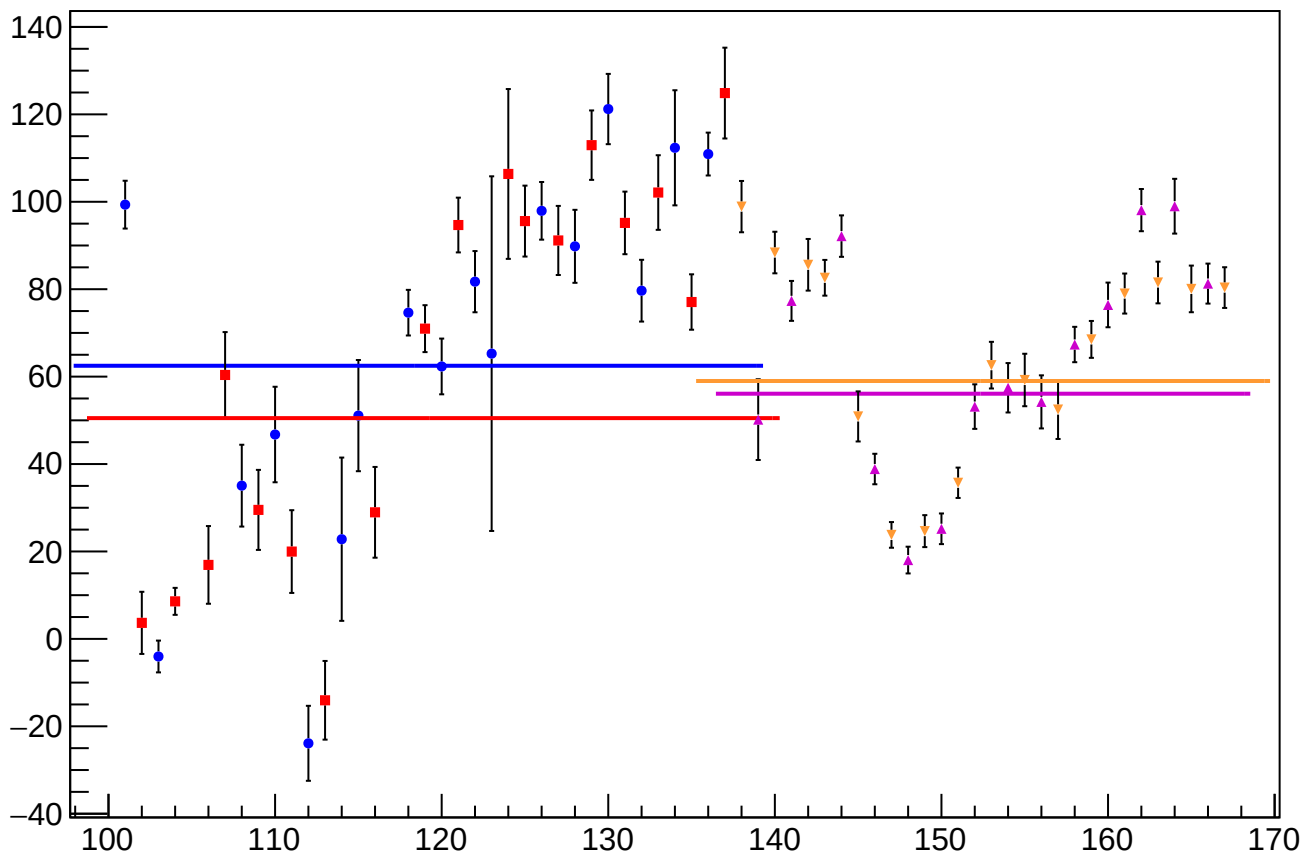
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 295.020 $\pm$ 1.244 χ^2 /NDF:8790.7/30

Out: 290.684 $\pm$ 1.205 χ^2 /NDF:9167.7/33

All: 292.784 $\pm$ 0.866 χ^2 /NDF: 17964.7/64

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: 50.506+/-1.644 χ^2/NDF : 650.6/17

Left In: 56.091+/-1.207 χ^2/NDF : 513.6/13

Left: 57.638+/-0.826 χ^2/NDF : 1018.1/29

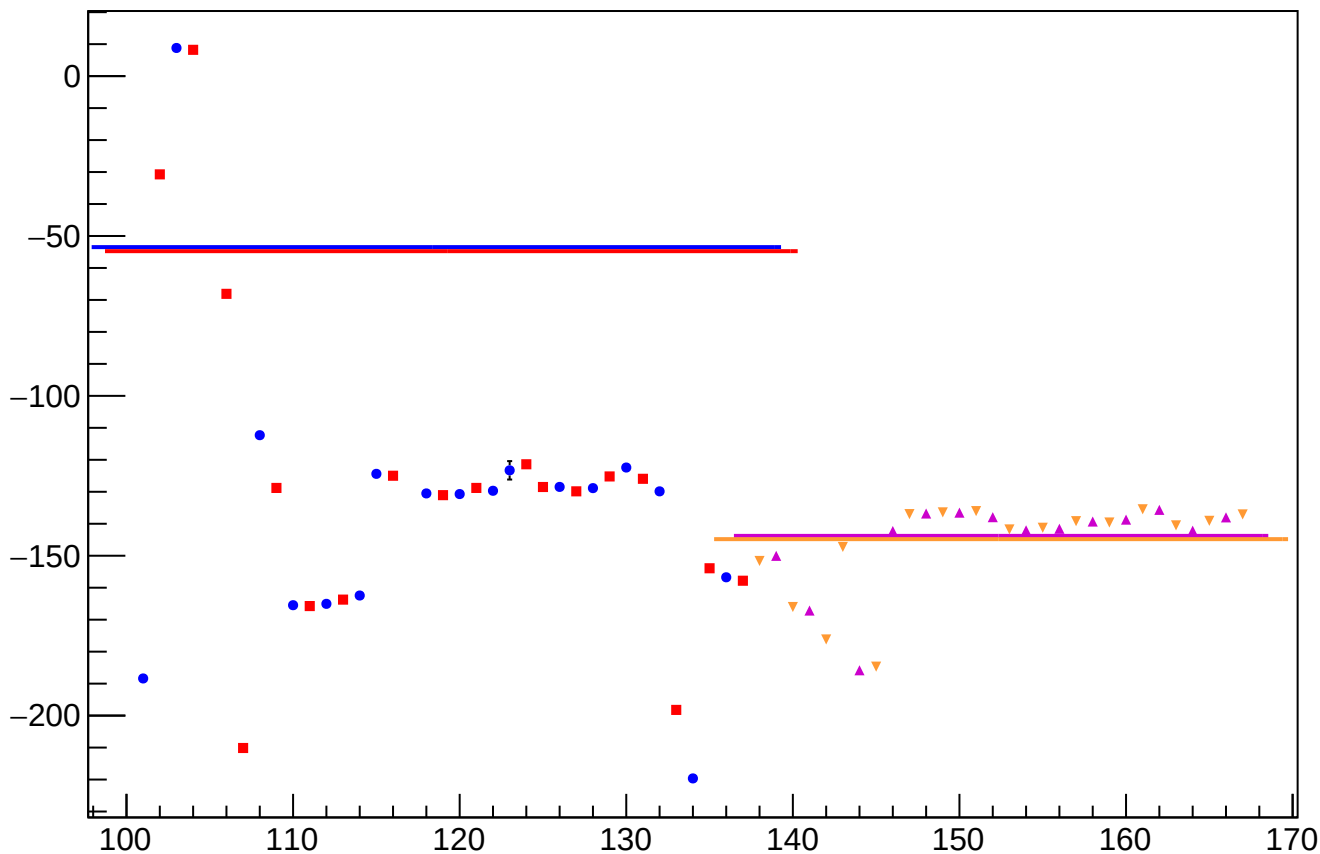
Right: 56.364+/-1.175 χ^2/NDF : 1397.3/34

In: 58.265+/-0.980 χ^2/NDF : 1243.9/30

Out: 56.268+/-0.933 χ^2/NDF : 1170.1/33

All: 57.217+/-0.676 χ^2/NDF : 2416.2/64

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -144.815 ± 0.056 $\chi^2/\text{NDF}: 55832.1/15$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -143.795 ± 0.058 $\chi^2/\text{NDF}: 44145.2/13$

Left: -144.324 ± 0.040 $\chi^2/\text{NDF}: 100139.2/29$

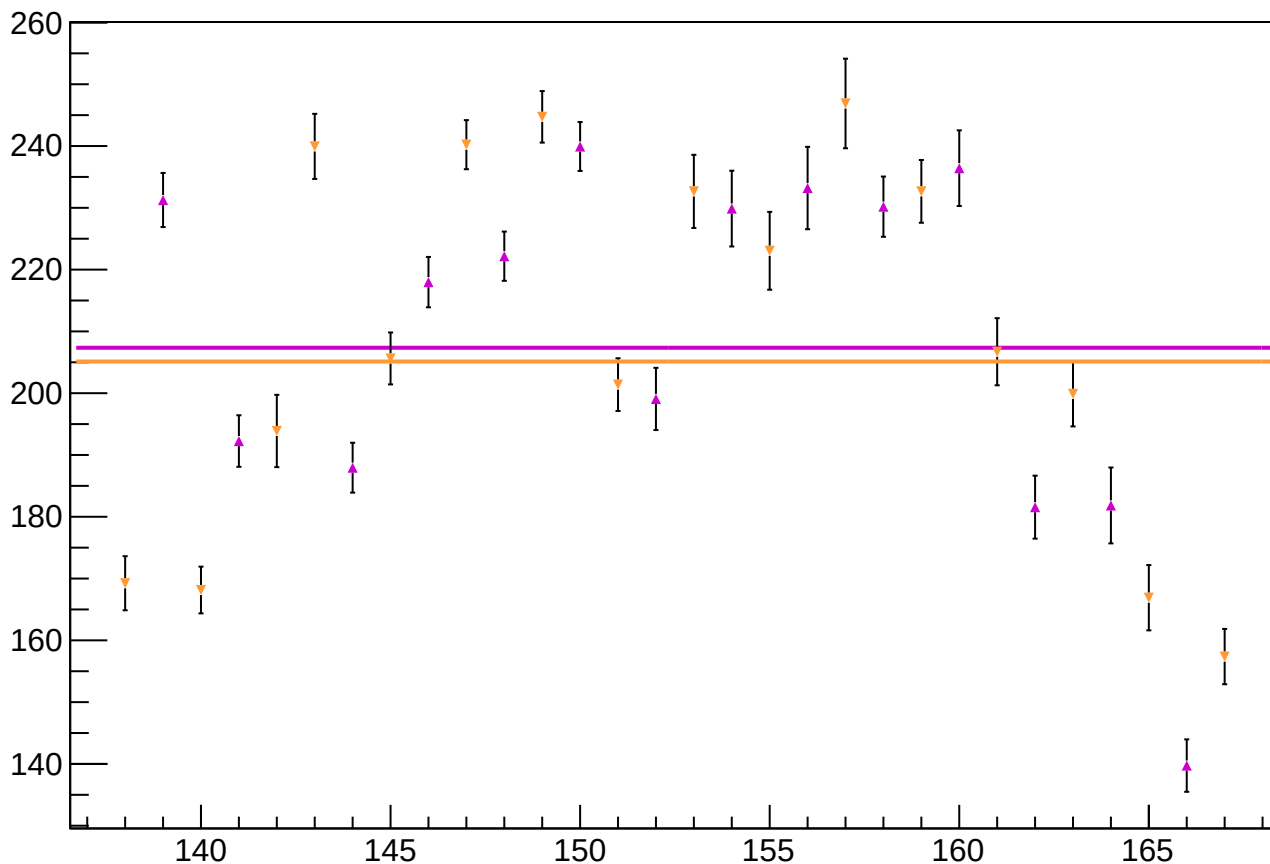
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -107.428 ± 0.045 $\chi^2/\text{NDF}: 2258472.9/30$

Out: -111.253 ± 0.044 $\chi^2/\text{NDF}: 1986391.4/33$

All: -109.366 ± 0.031 $\chi^2/\text{NDF}: 4248586.4/64$

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: 207.355+/-1.254 χ^2/NDF : 527.1/13

Left: 206.198+/-0.869 χ^2/NDF : 1167.4/29

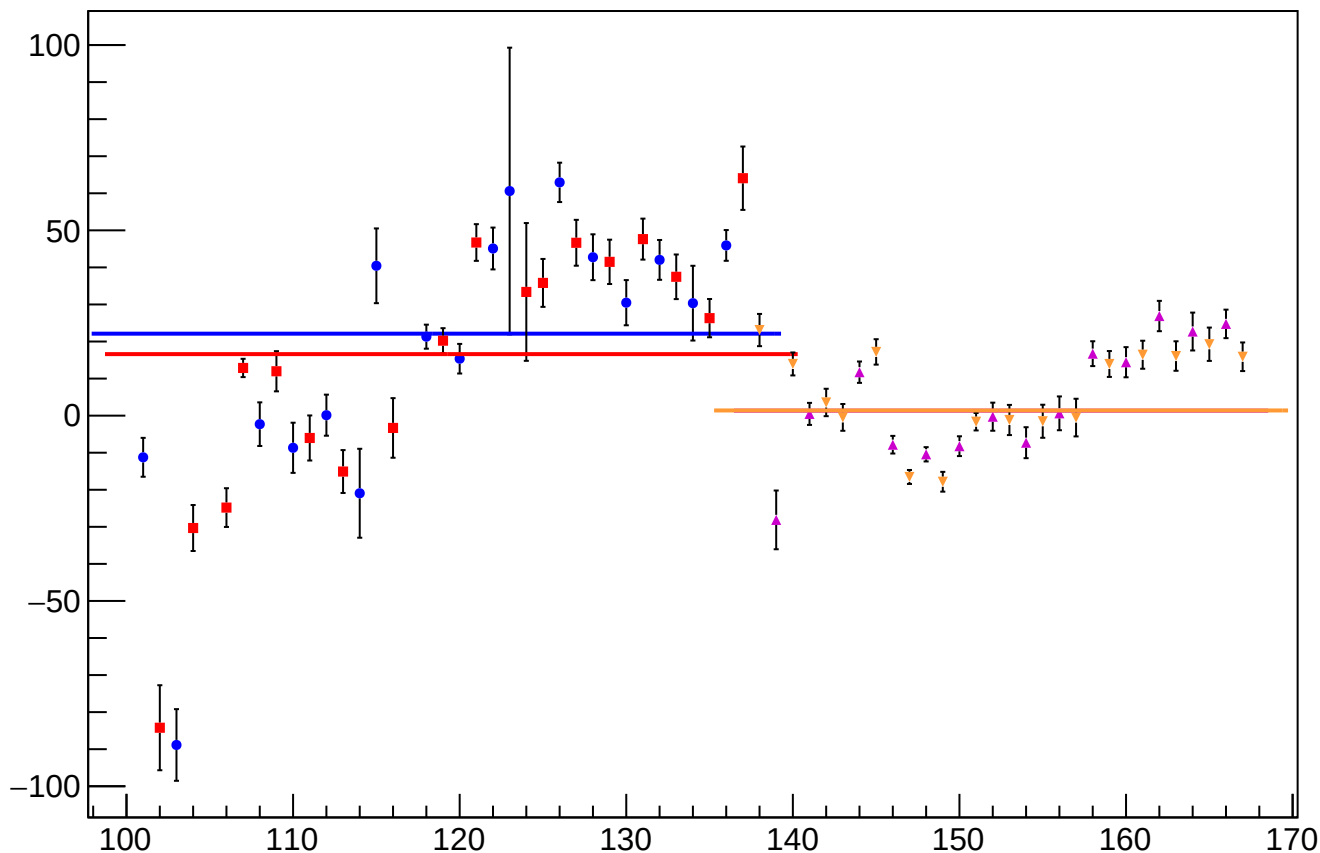
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.355+/-1.254 χ^2/NDF : 527.1/13

Out: 205.127+/-1.206 χ^2/NDF : 638.7/15

All: 206.198+/-0.869 χ^2/NDF : 1167.4/29

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: 1.398+/-0.823 χ^2/NDF :280.5/15

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: 1.342+/-0.869 χ^2/NDF :221.2/13

Left: 1.372+/-0.598 χ^2/NDF : 501.7/29

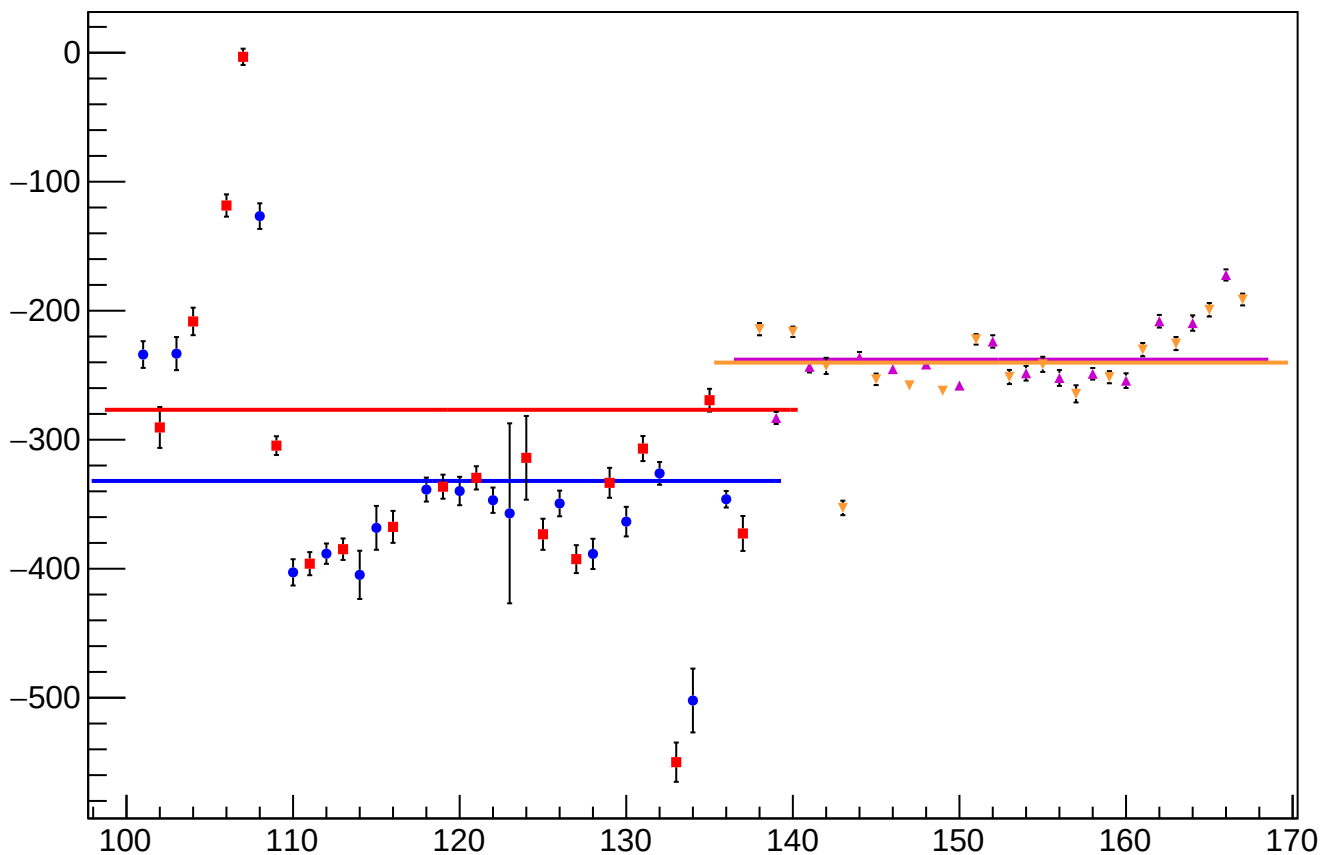
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 7.263+/-0.735 χ^2/NDF :766.1/30

Out: 6.109+/-0.684 χ^2/NDF :803.0/33

All: 6.645+/-0.501 χ^2/NDF : 1570.4/64

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -240.218 ± 1.193 $\chi^2/\text{NDF}: 759.8/15$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -237.936 ± 1.228 $\chi^2/\text{NDF}: 448.1/13$

Left: -239.110 ± 0.856 $\chi^2/\text{NDF}: 1209.7/29$

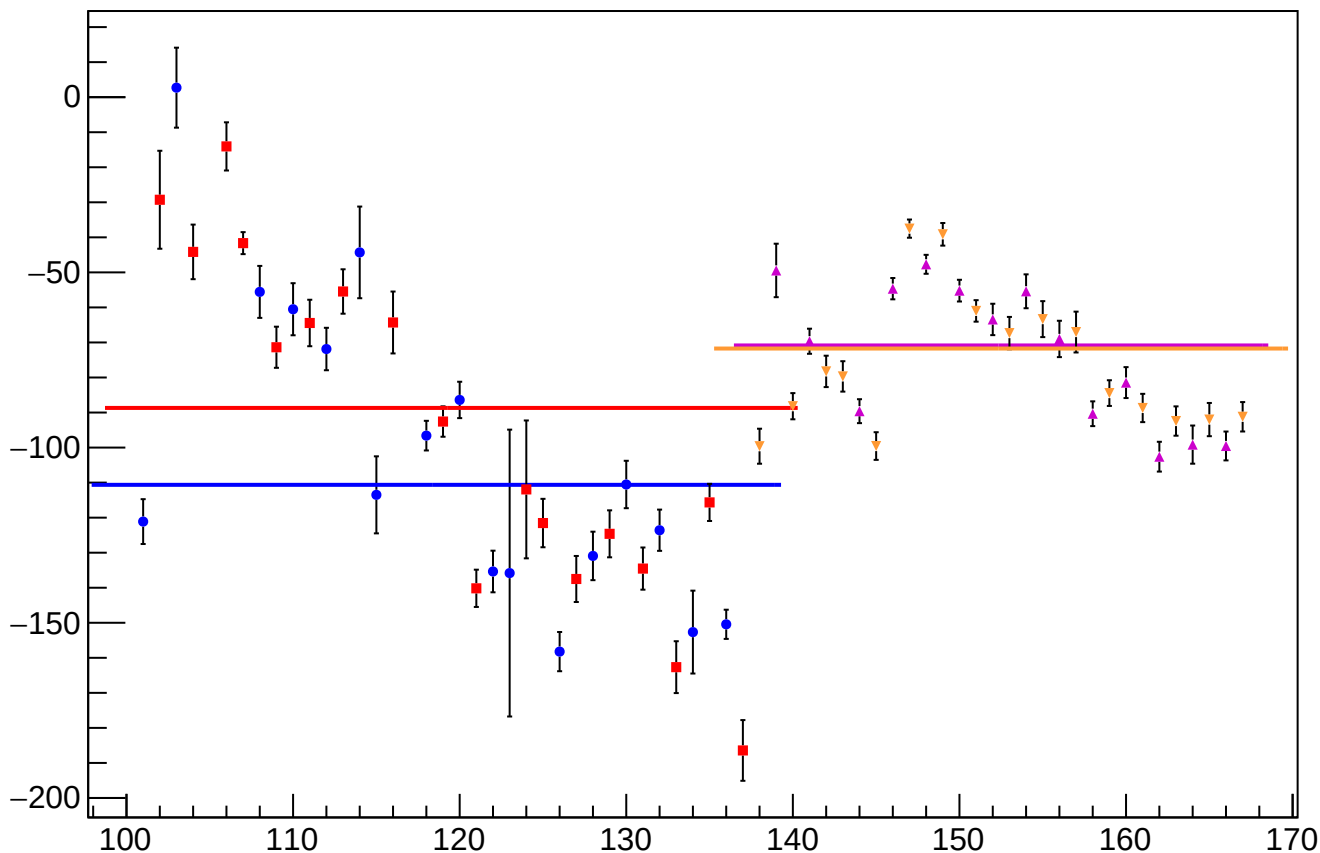
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -255.448 ± 1.108 $\chi^2/\text{NDF}: 2325.0/30$

Out: -247.823 ± 1.062 $\chi^2/\text{NDF}: 4285.6/33$

All: -251.475 ± 0.767 $\chi^2/\text{NDF}: 6635.2/64$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -71.734 ± 0.982 χ^2/NDF : 491.7/15

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -70.854 ± 1.032 χ^2/NDF : 346.0/13

Left: -71.316 ± 0.711 χ^2/NDF : 838.1/29

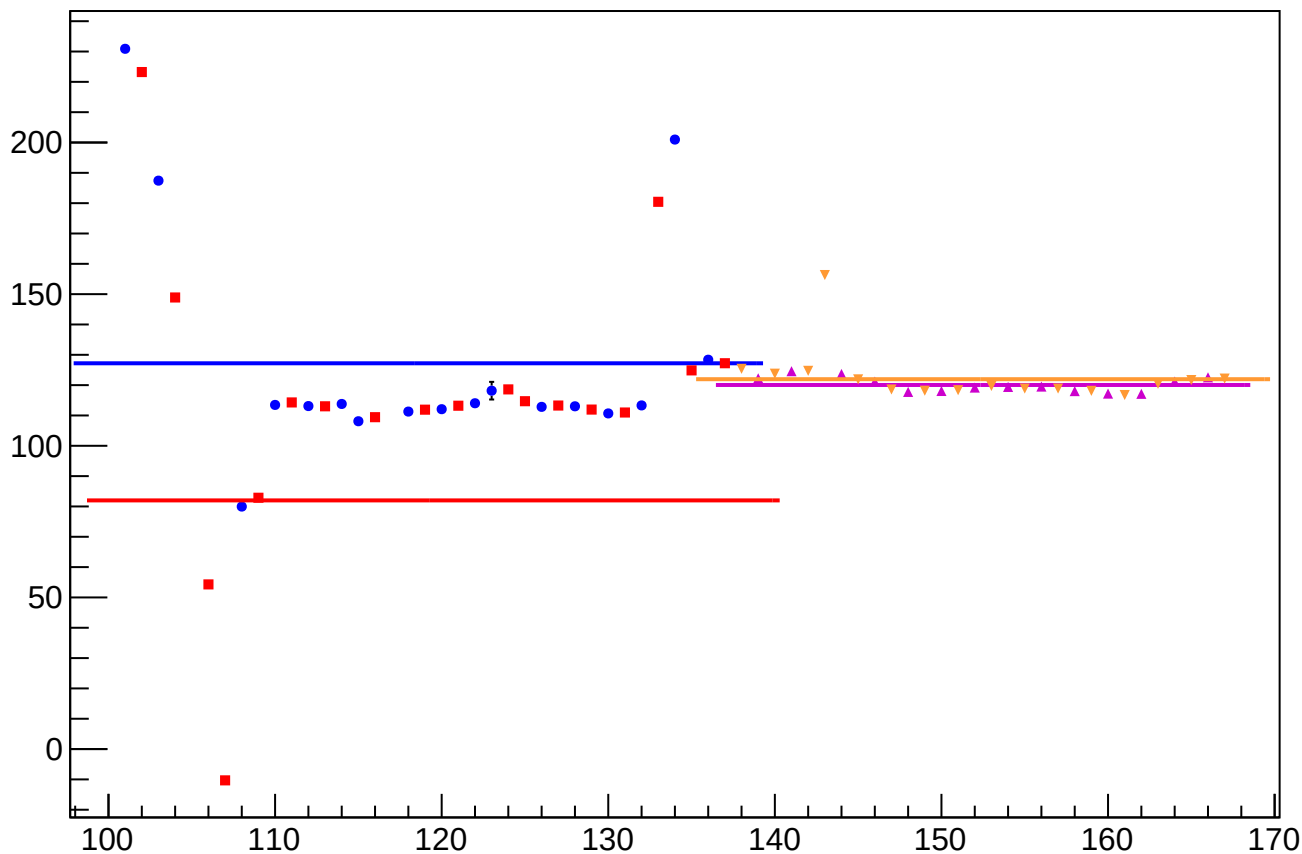
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -82.735 ± 0.864 χ^2/NDF : 1298.8/30

Out: -77.141 ± 0.810 χ^2/NDF : 1550.7/33

All: -79.758 ± 0.591 χ^2/NDF : 2871.8/64

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2/NDF : 188026.3/16

Left Out: 121.958 $\pm$ 0.048 χ^2/NDF : 26747.3/15

Right Out: 81.994 $\pm$ 0.075 χ^2/NDF : 749824.5/17

Left In: 120.053 $\pm$ 0.049 χ^2/NDF : 2382.9/13

Left: 121.032 $\pm$ 0.034 χ^2/NDF : 29897.9/29

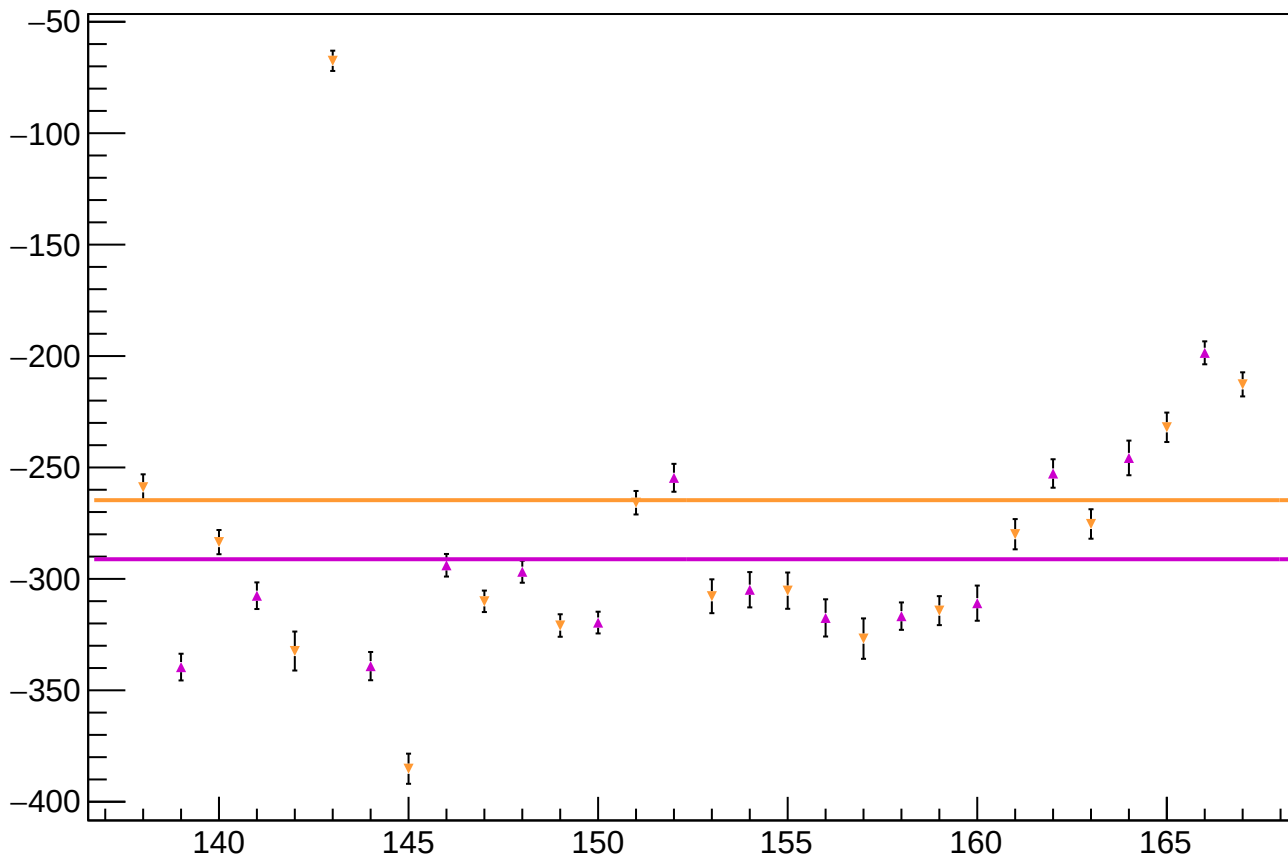
Right: 100.877 $\pm$ 0.058 χ^2/NDF : 1087676.4/34

In: 121.728 $\pm$ 0.043 χ^2/NDF : 195339.6/30

Out: 110.463 $\pm$ 0.040 χ^2/NDF : 976246.7/33

All: 115.739 $\pm$ 0.030 χ^2/NDF : 1207847.0/64

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -264.675 ± 1.517 χ^2/NDF : 2767.8/15

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -291.180 ± 1.623 χ^2/NDF : 629.4/13

Left: -277.028 ± 1.108 χ^2/NDF : 3539.6/29

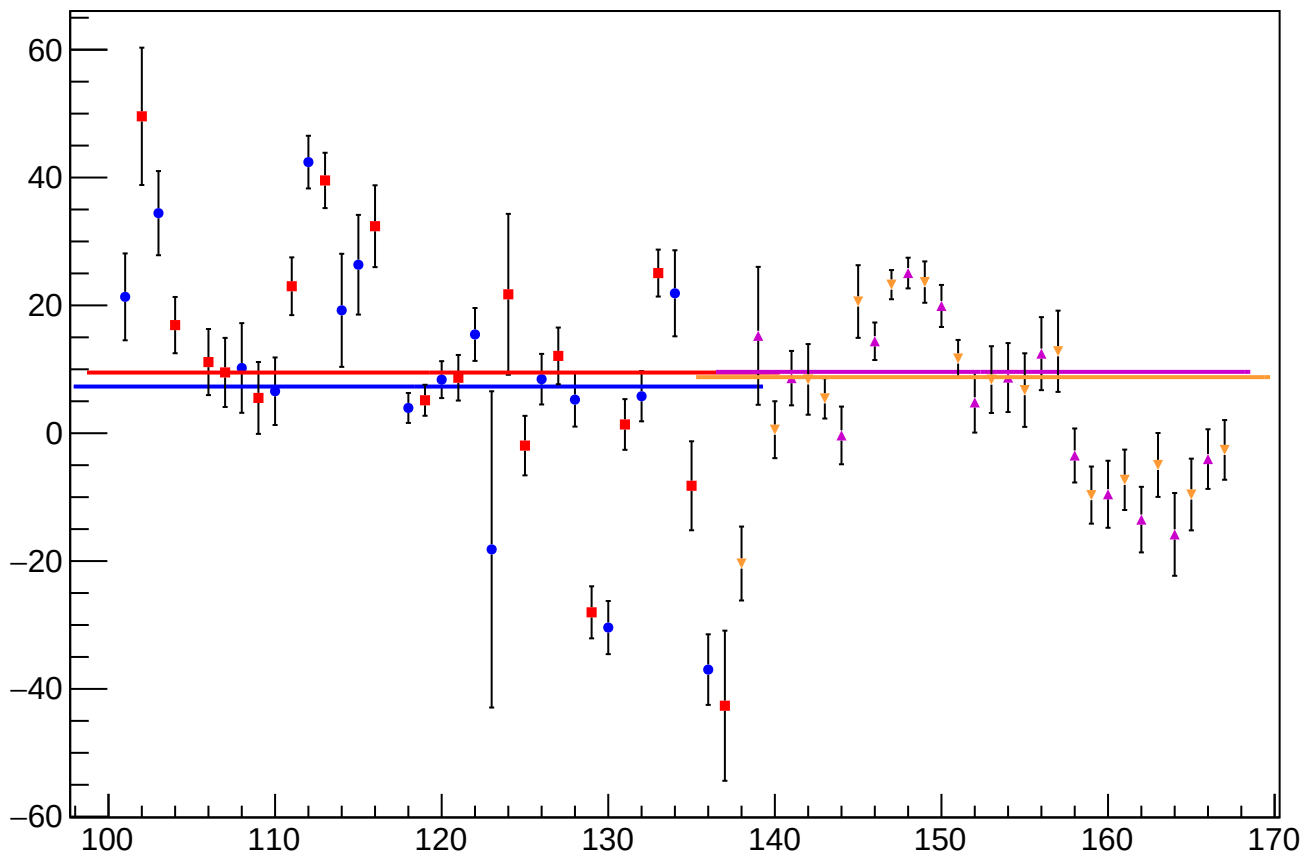
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -291.180 ± 1.623 χ^2/NDF : 629.4/13

Out: -264.675 ± 1.517 χ^2/NDF : 2767.8/15

All: -277.028 ± 1.108 χ^2/NDF : 3539.6/29

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 8.771 ± 1.024 $\chi^2/\text{NDF}: 149.9/15$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 9.599 ± 1.115 $\chi^2/\text{NDF}: 127.6/13$

Left: 9.150 ± 0.754 $\chi^2/\text{NDF}: 277.9/29$

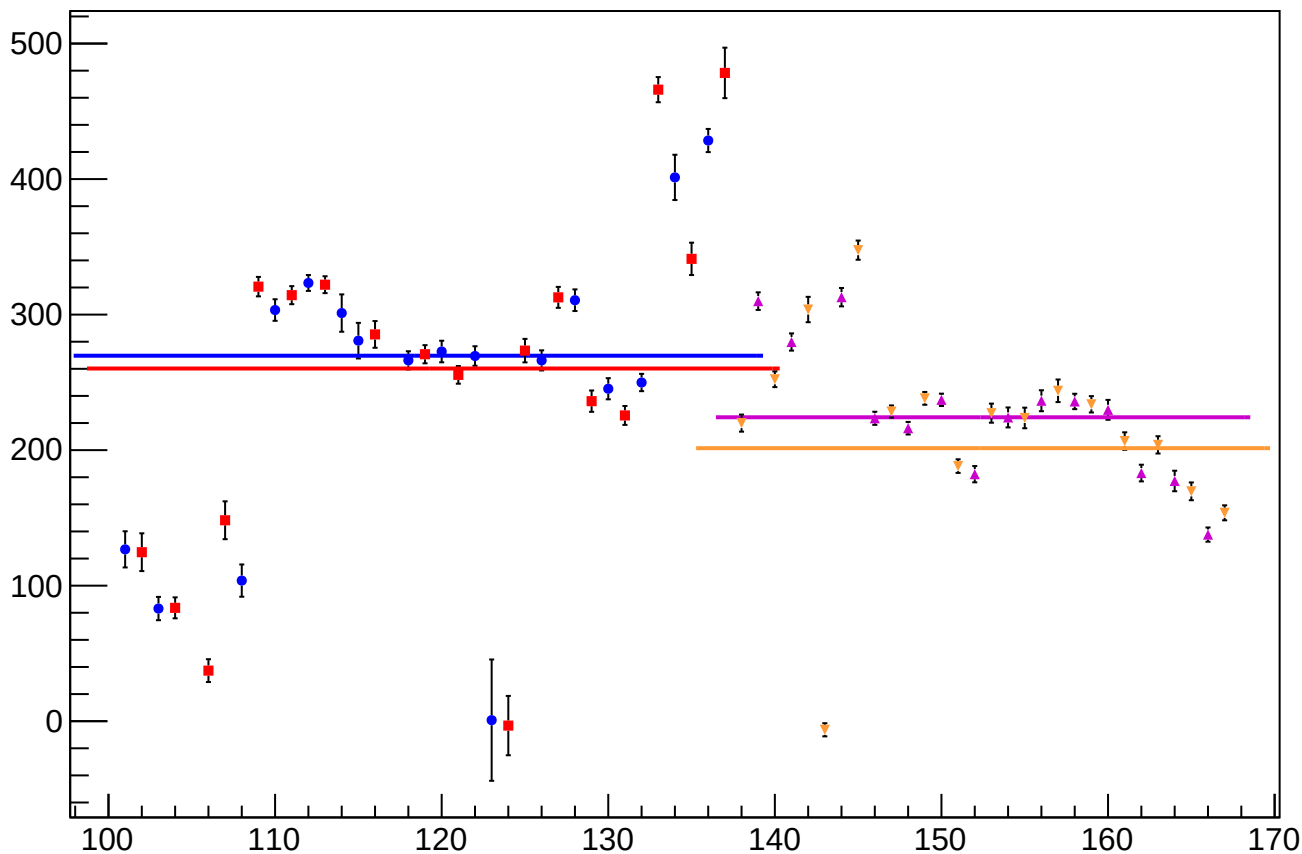
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 8.420 ± 0.778 $\chi^2/\text{NDF}: 390.4/30$

Out: 9.115 ± 0.741 $\chi^2/\text{NDF}: 381.3/33$

All: 8.785 ± 0.536 $\chi^2/\text{NDF}: 772.2/64$

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 201.441 $\pm$ 1.497 χ^2 /NDF:2743.0/15

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 224.242 $\pm$ 1.581 χ^2 /NDF:843.9/13

Left: 212.220 $\pm$ 1.087 χ^2 /NDF: 3696.6/29

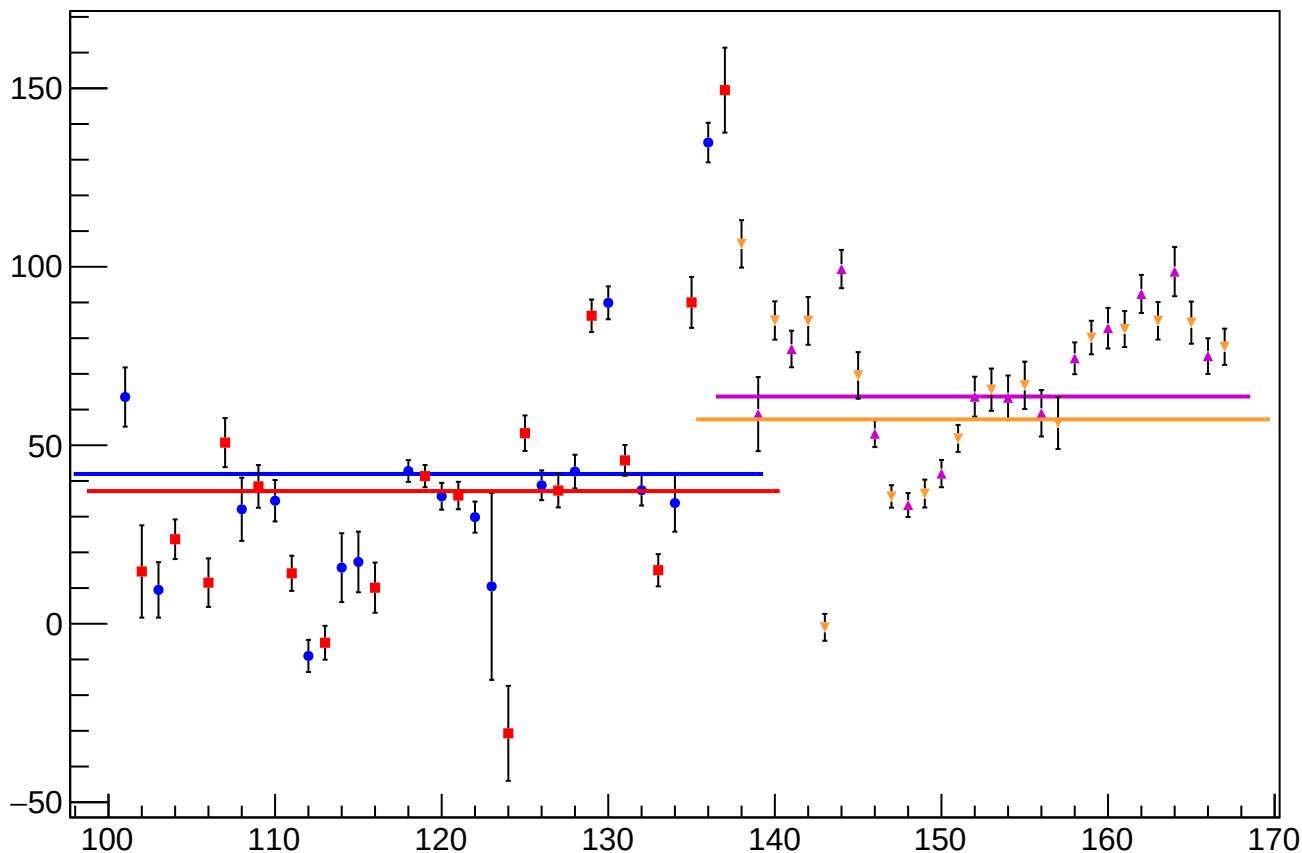
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 240.915 $\pm$ 1.258 χ^2 /NDF:2523.5/30

Out: 222.838 $\pm$ 1.194 χ^2 /NDF:5832.3/33

All: 231.405 $\pm$ 0.866 χ^2 /NDF: 8464.4/64

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 57.258 $\pm$ 1.224 χ^2 /NDF:535.8/15

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 63.658 $\pm$ 1.326 χ^2 /NDF:250.6/13

Left: 60.202 $\pm$ 0.899 χ^2 /NDF: 799.1/29

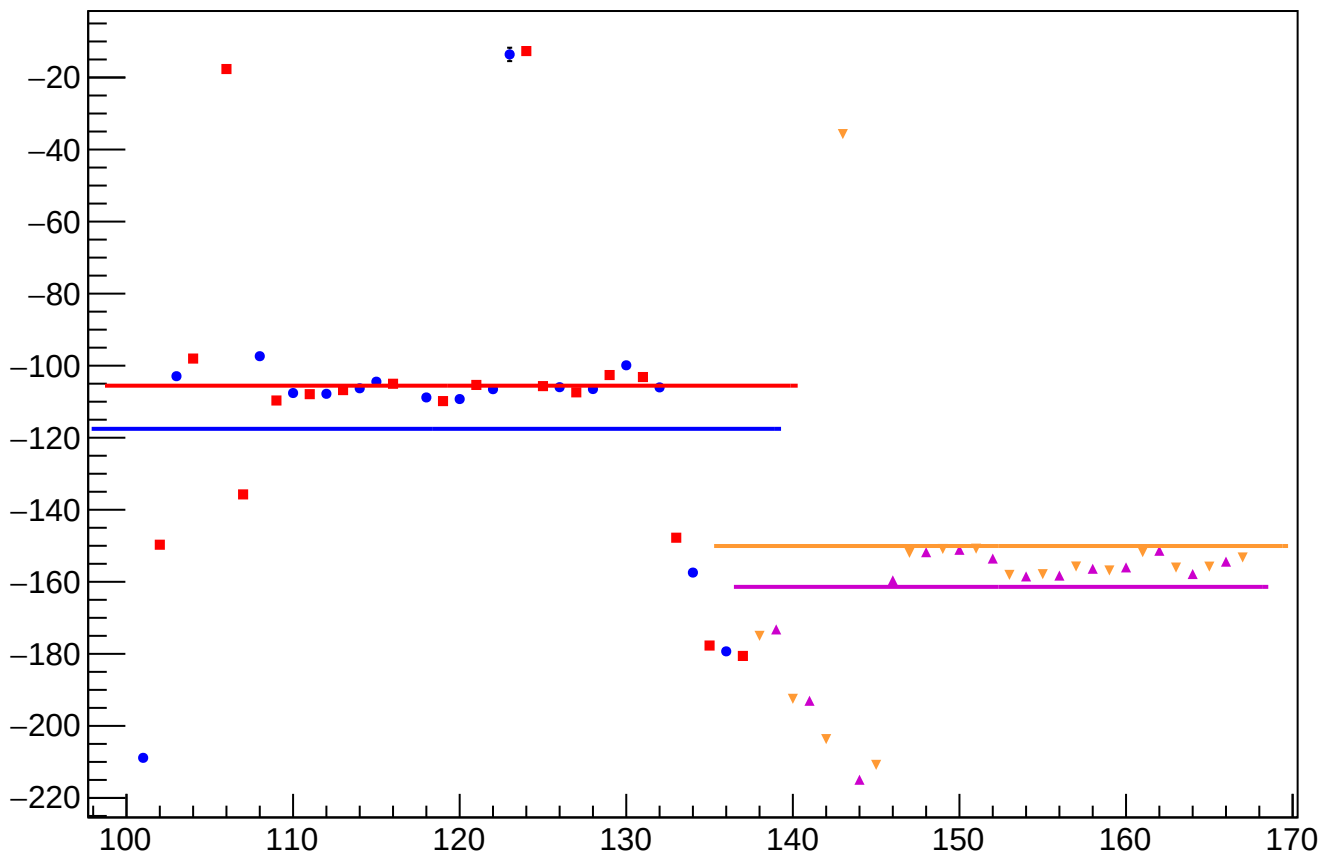
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 52.243 $\pm$ 0.913 χ^2 /NDF:965.8/30

Out: 47.316 $\pm$ 0.870 χ^2 /NDF:1140.1/33

All: 49.661 $\pm$ 0.630 χ^2 /NDF: 2121.2/64

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2 /NDF: 142039.8/16

Left Out: -150.064+/-0.060 χ^2 /NDF: 454305.2/15

Right Out: -105.555+/-0.073 χ^2 /NDF: 317428.5/17

Left In: -161.403+/-0.064 χ^2 /NDF: 60594.9/13

Left: -155.438+/-0.044 χ^2 /NDF: 531670.0/29

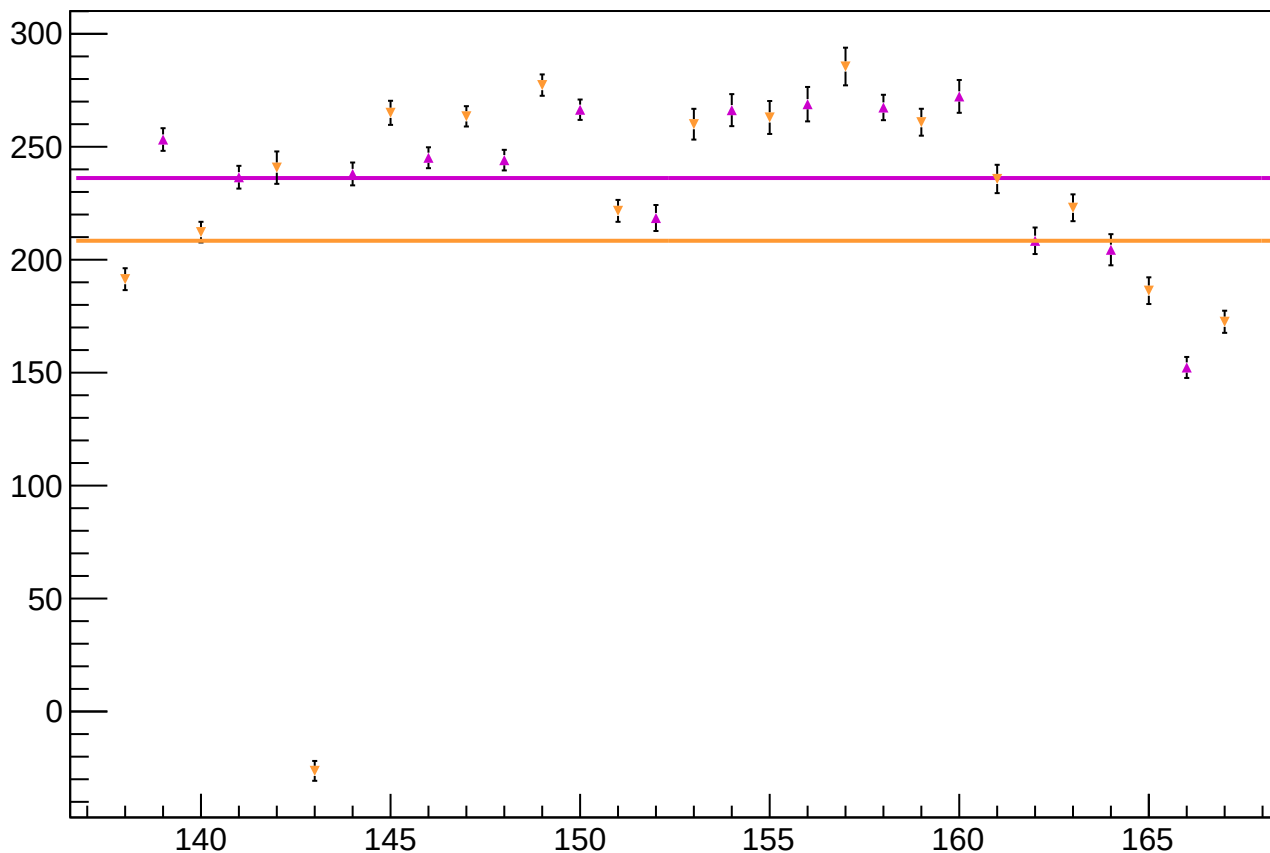
Right: -111.128+/-0.053 χ^2 /NDF: 472040.3/34

In: -143.947+/-0.049 χ^2 /NDF: 392487.8/30

Out: -131.981+/-0.046 χ^2 /NDF: 993223.3/33

All: -137.610+/-0.034 χ^2 /NDF: 1416931.6/64

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: 236.162+/-1.448 χ^2/NDF : 534.0/13

Left: 221.409+/-0.992 χ^2/NDF : 4465.0/29

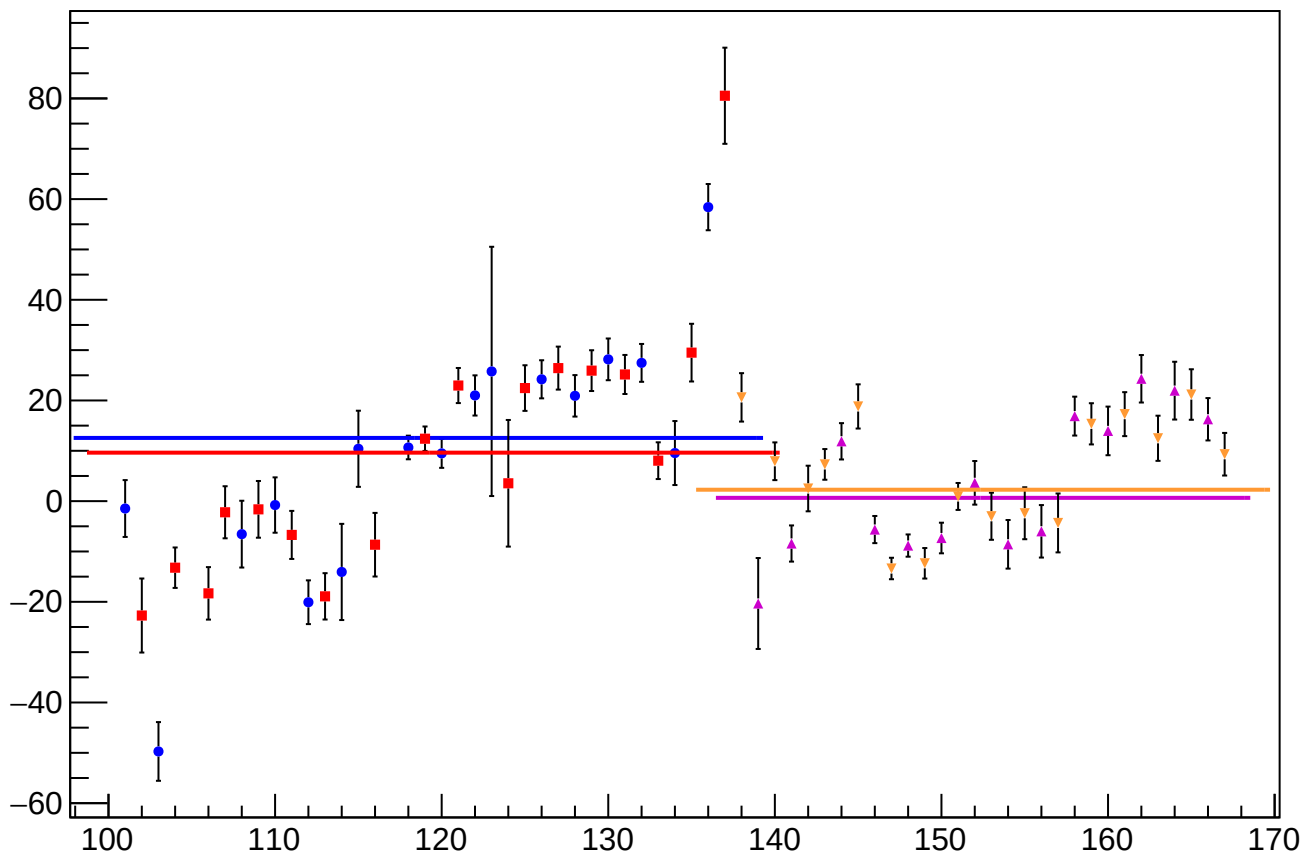
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 236.162+/-1.448 χ^2/NDF : 534.0/13

Out: 208.393+/-1.360 χ^2/NDF : 3735.7/15

All: 221.409+/-0.992 χ^2/NDF : 4465.0/29

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.269+/-0.928 χ^2/NDF :158.7/15

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 0.655+/-1.004 χ^2/NDF :135.9/13

Left: 1.525+/-0.682 χ^2/NDF : 296.0/29

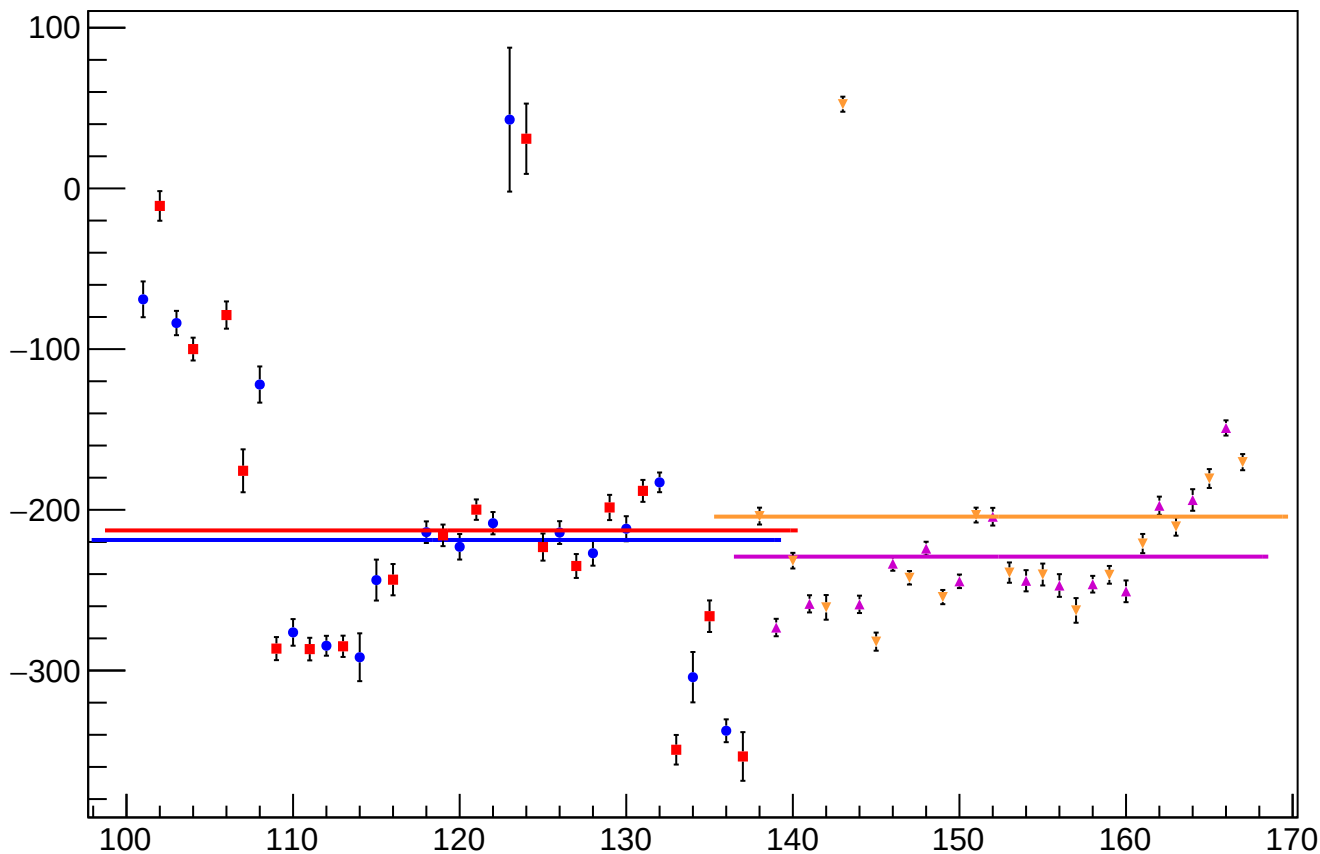
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 6.300+/-0.728 χ^2/NDF :551.1/30

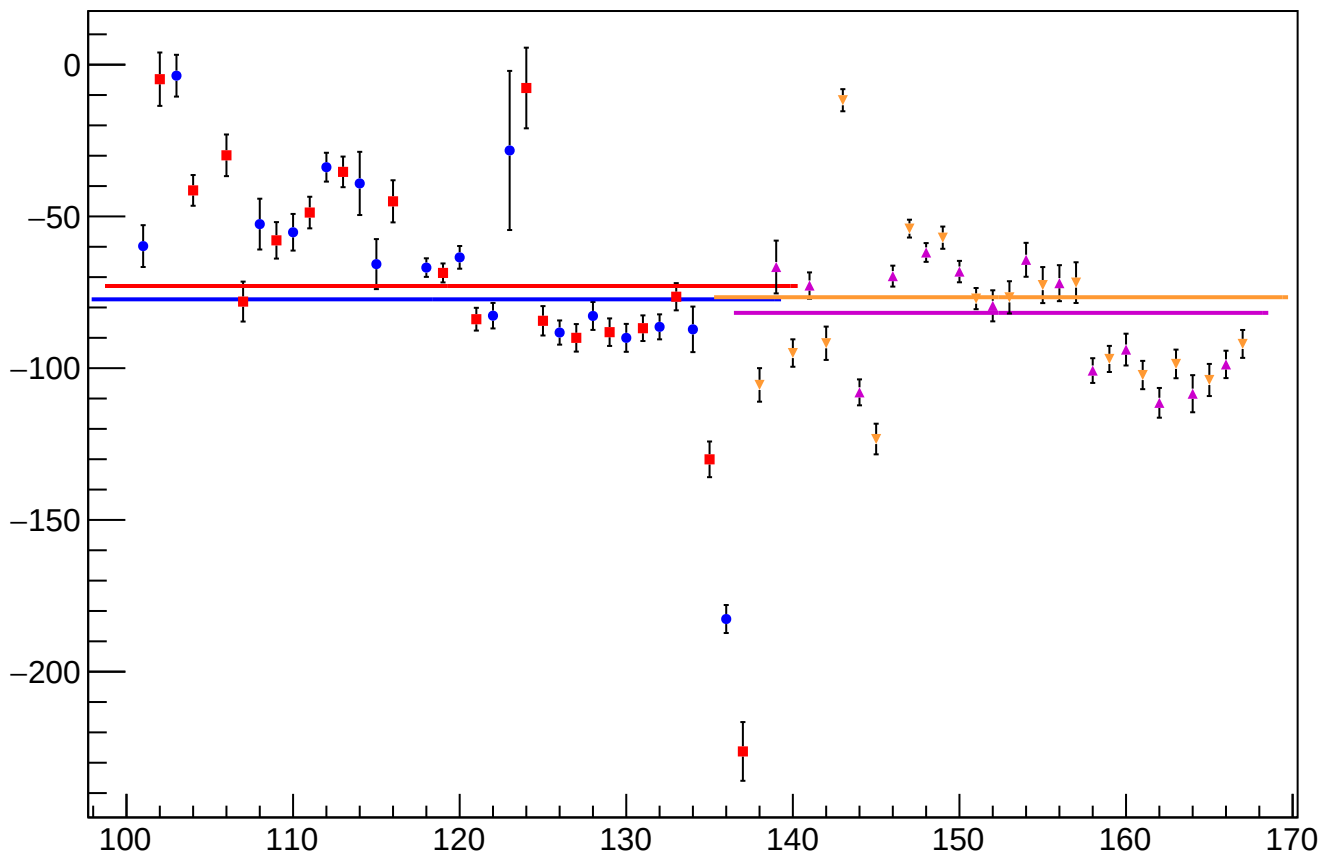
Out: 5.500+/-0.695 χ^2/NDF :473.8/33

All: 5.881+/-0.503 χ^2/NDF : 1025.5/64

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.621 ± 1.107 χ^2/NDF : 655.6/15

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -81.777 ± 1.193 χ^2/NDF : 223.0/13

Left: -79.007 ± 0.811 χ^2/NDF : 888.6/29

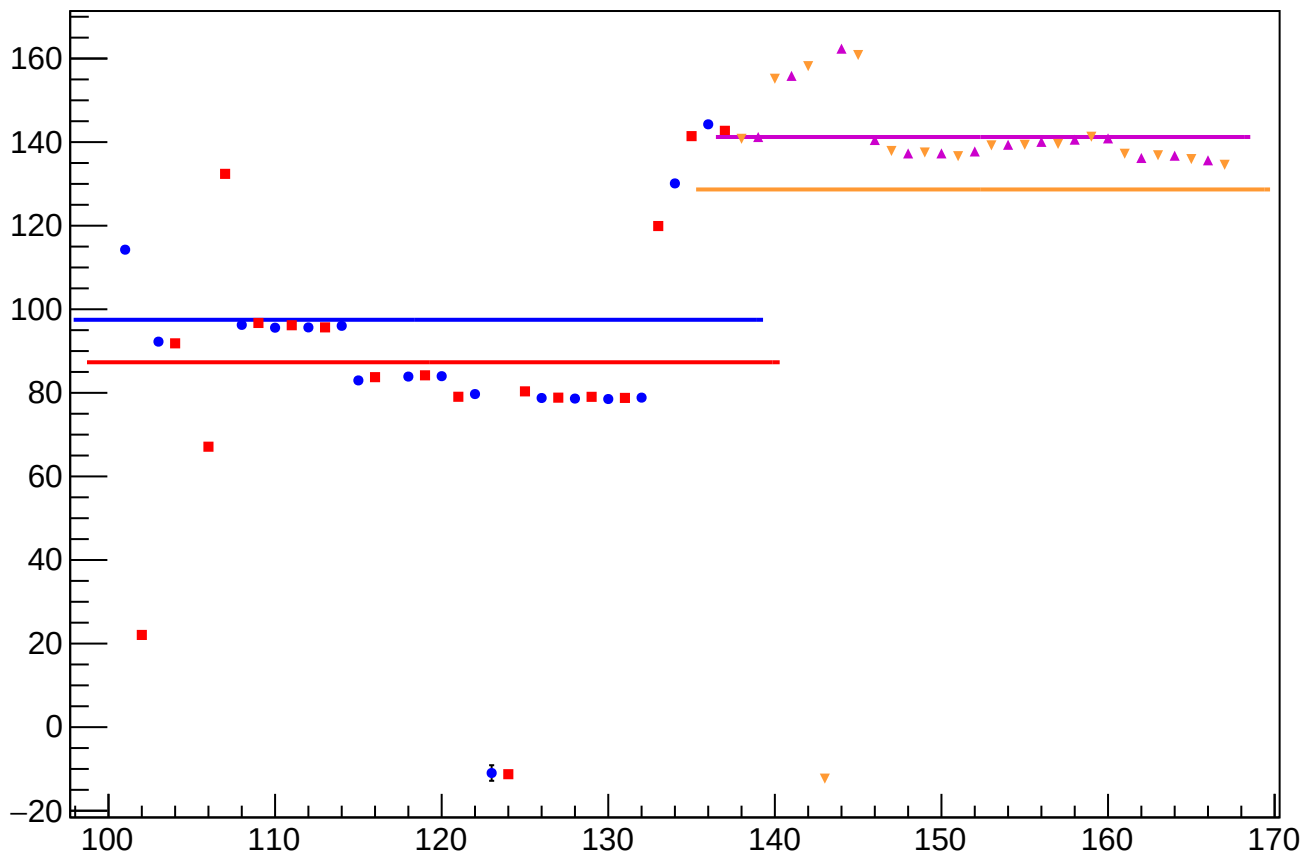
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.602 ± 0.853 χ^2/NDF : 1047.5/30

Out: -74.932 ± 0.816 χ^2/NDF : 1321.5/33

All: -77.163 ± 0.590 χ^2/NDF : 2384.7/64

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 128.669+/-0.054 χ^2/NDF : 630586.1/15

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 141.224+/-0.057 χ^2/NDF : 15296.9/13

Left: 134.645+/-0.039 χ^2/NDF : 671415.6/29

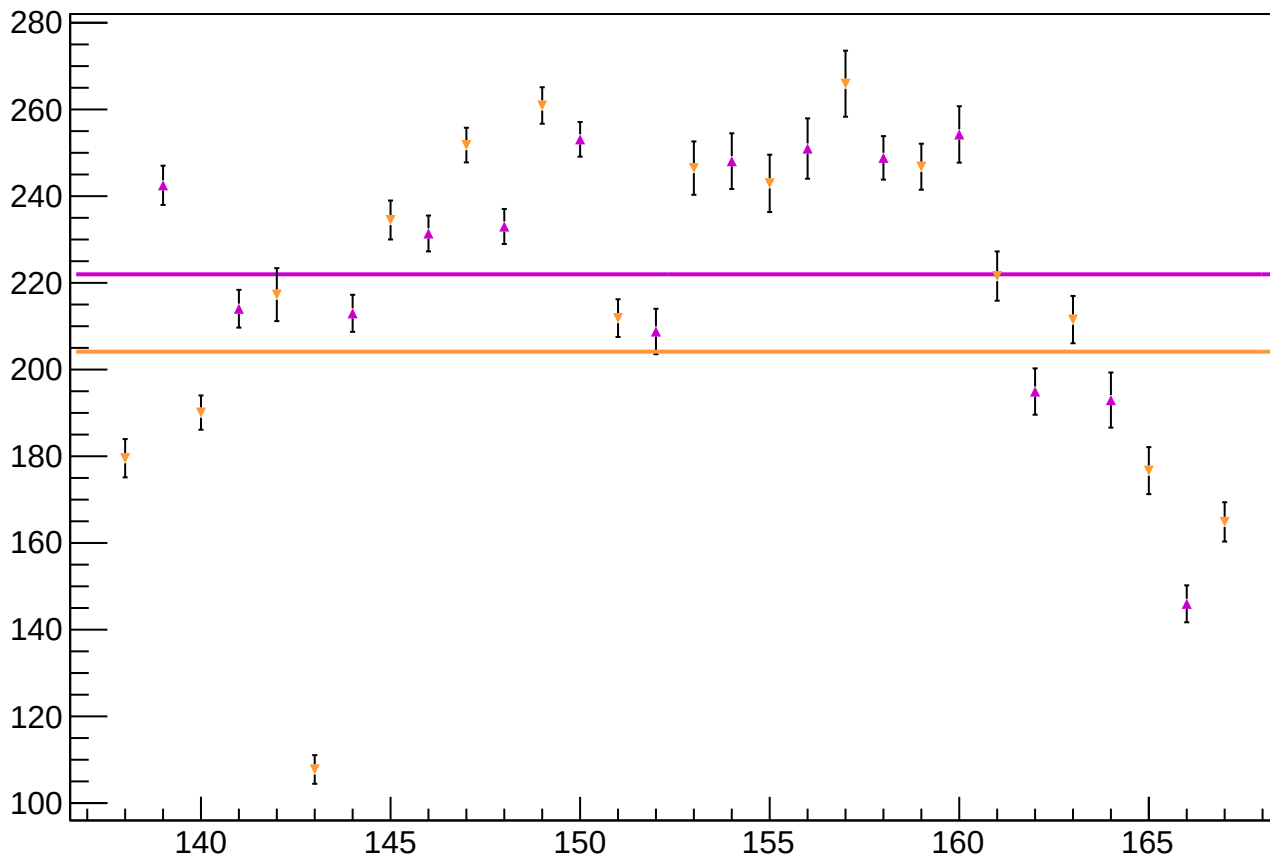
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 124.803+/-0.045 χ^2/NDF : 331710.3/30

Out: 112.699+/-0.042 χ^2/NDF : 1077163.1/33

All: 118.408+/-0.031 χ^2/NDF : 1447187.0/64

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: 221.970+/-1.293 χ^2/NDF :559.4/13

Left: 212.322+/-0.876 χ^2/NDF : 2257.3/29

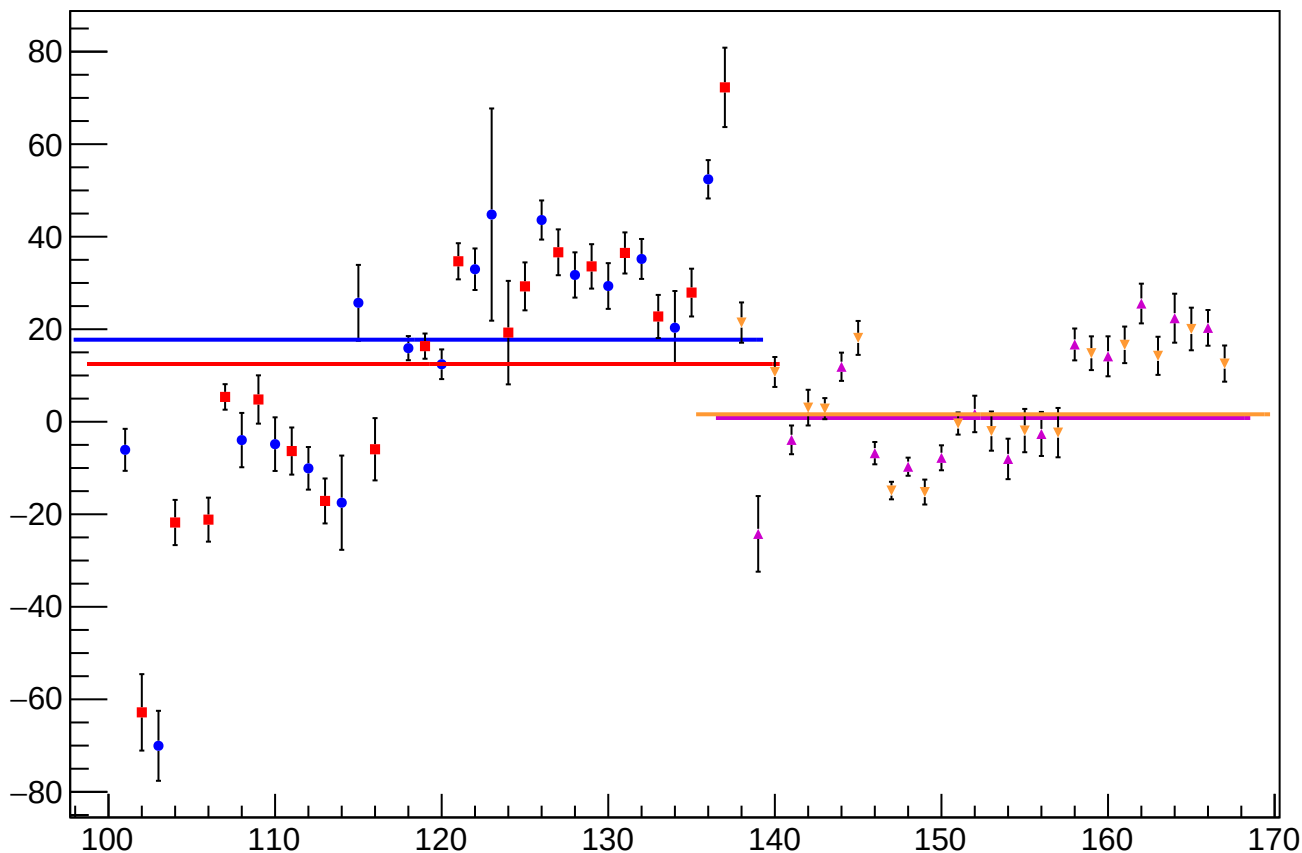
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 221.970+/-1.293 χ^2/NDF :559.4/13

Out: 204.131+/-1.192 χ^2/NDF :1595.0/15

All: 212.322+/-0.876 χ^2/NDF : 2257.3/29

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: 12.484+/-1.085 χ^2/NDF : 429.2/17

Left In: 0.815+/-0.894 χ^2/NDF : 184.6/13

Left: 1.253+/-0.601 χ^2/NDF : 412.6/29

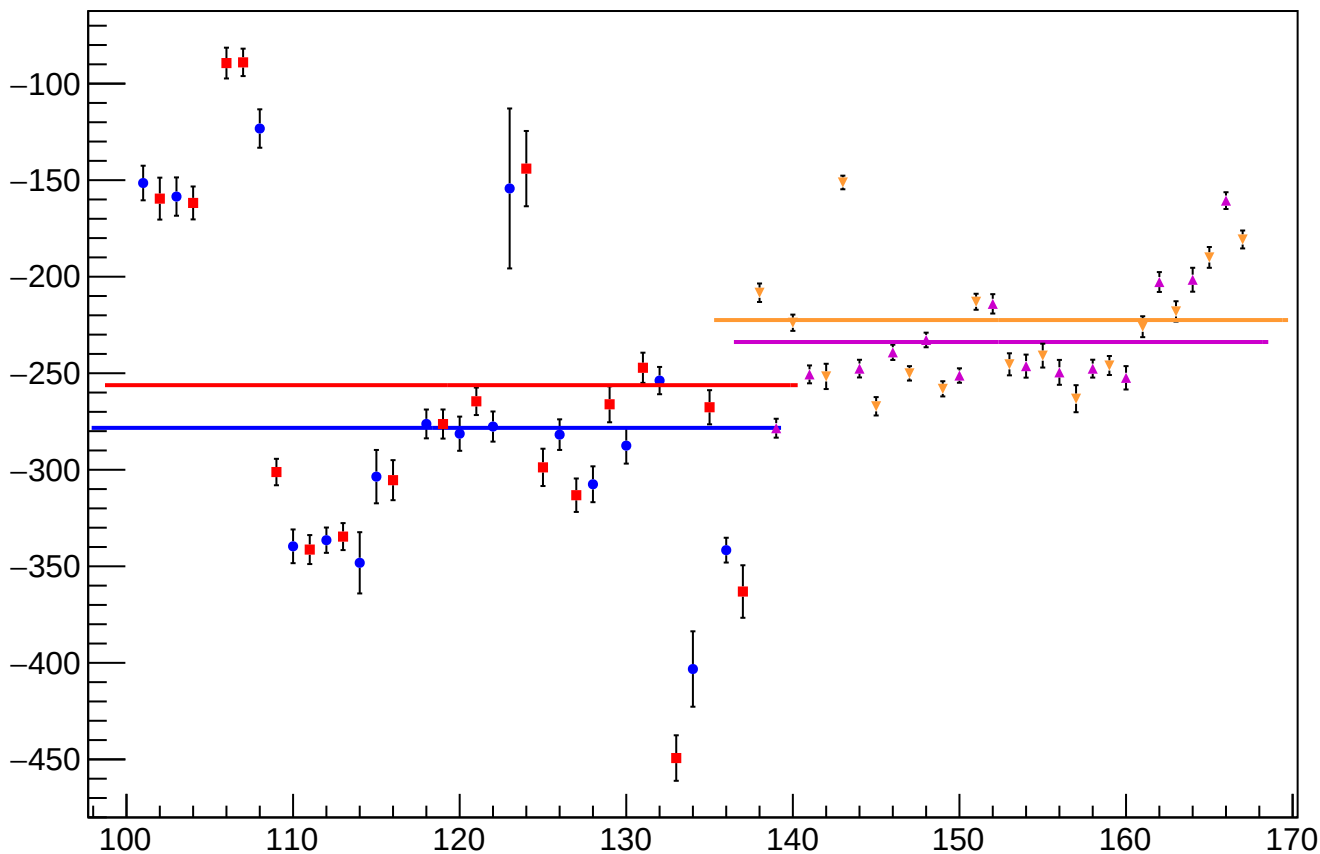
Right: 14.961+/-0.789 χ^2/NDF : 834.2/34

In: 7.198+/-0.705 χ^2/NDF : 713.8/30

Out: 5.510+/-0.650 χ^2/NDF : 721.1/33

All: 6.285+/-0.478 χ^2/NDF : 1438.0/64

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -222.455 ± 1.185 χ^2/NDF : 867.1/15

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -233.826 ± 1.266 χ^2/NDF : 520.8/13

Left: -227.764 ± 0.865 χ^2/NDF : 1430.9/29

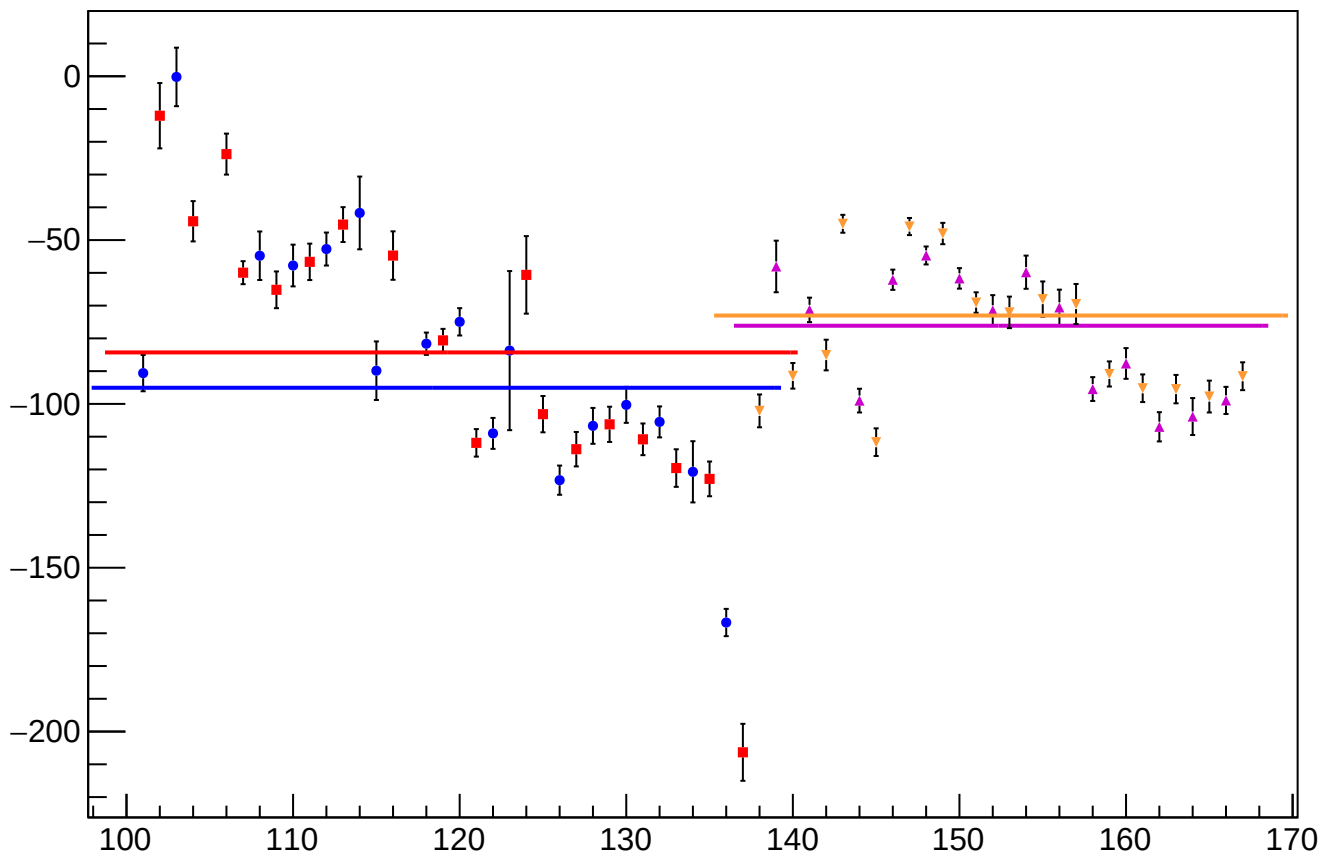
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -245.103 ± 1.094 χ^2/NDF : 1743.6/30

Out: -231.058 ± 1.023 χ^2/NDF : 3025.9/33

All: -237.609 ± 0.747 χ^2/NDF : 4857.5/64

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.027 ± 0.969 χ^2/NDF : 542.7/15

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -76.140 ± 1.063 χ^2/NDF : 299.3/13

Left: -74.440 ± 0.716 χ^2/NDF : 846.7/29

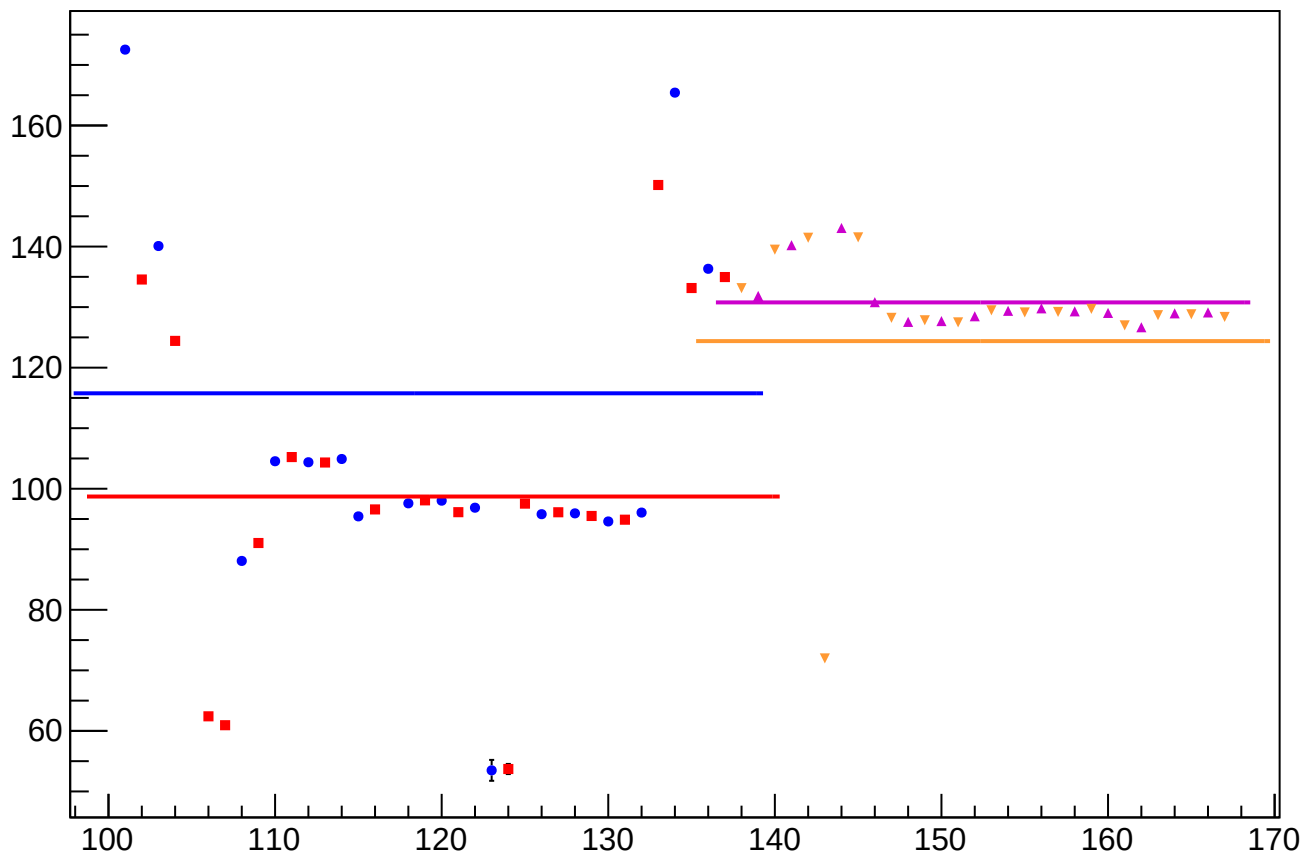
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.552 ± 0.829 χ^2/NDF : 1096.7/30

Out: -77.221 ± 0.768 χ^2/NDF : 1361.8/33

All: -80.143 ± 0.563 χ^2/NDF : 2489.8/64

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: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 130.777 $\pm$ 0.051 χ^2 /NDF:8000.1/13

Left: 127.376 $\pm$ 0.035 χ^2 /NDF: 179386.3/29

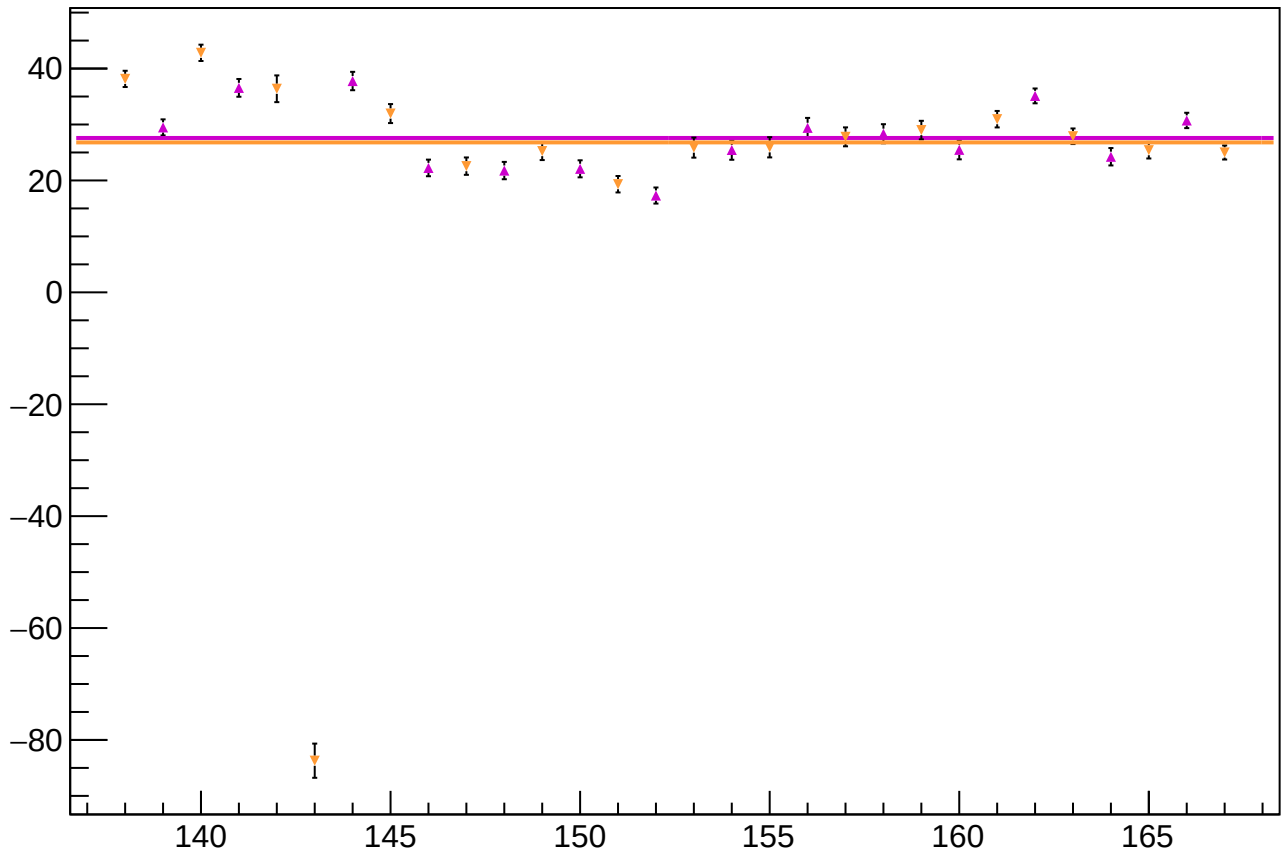
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 126.300 $\pm$ 0.043 χ^2 /NDF:140243.3/30

Out: 116.028 $\pm$ 0.039 χ^2 /NDF:427331.1/33

All: 120.733 $\pm$ 0.029 χ^2 /NDF: 599022.1/64

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: 27.593+/-0.412 χ^2/NDF :209.9/13

Left: 27.185+/-0.287 χ^2/NDF : 1774.9/29

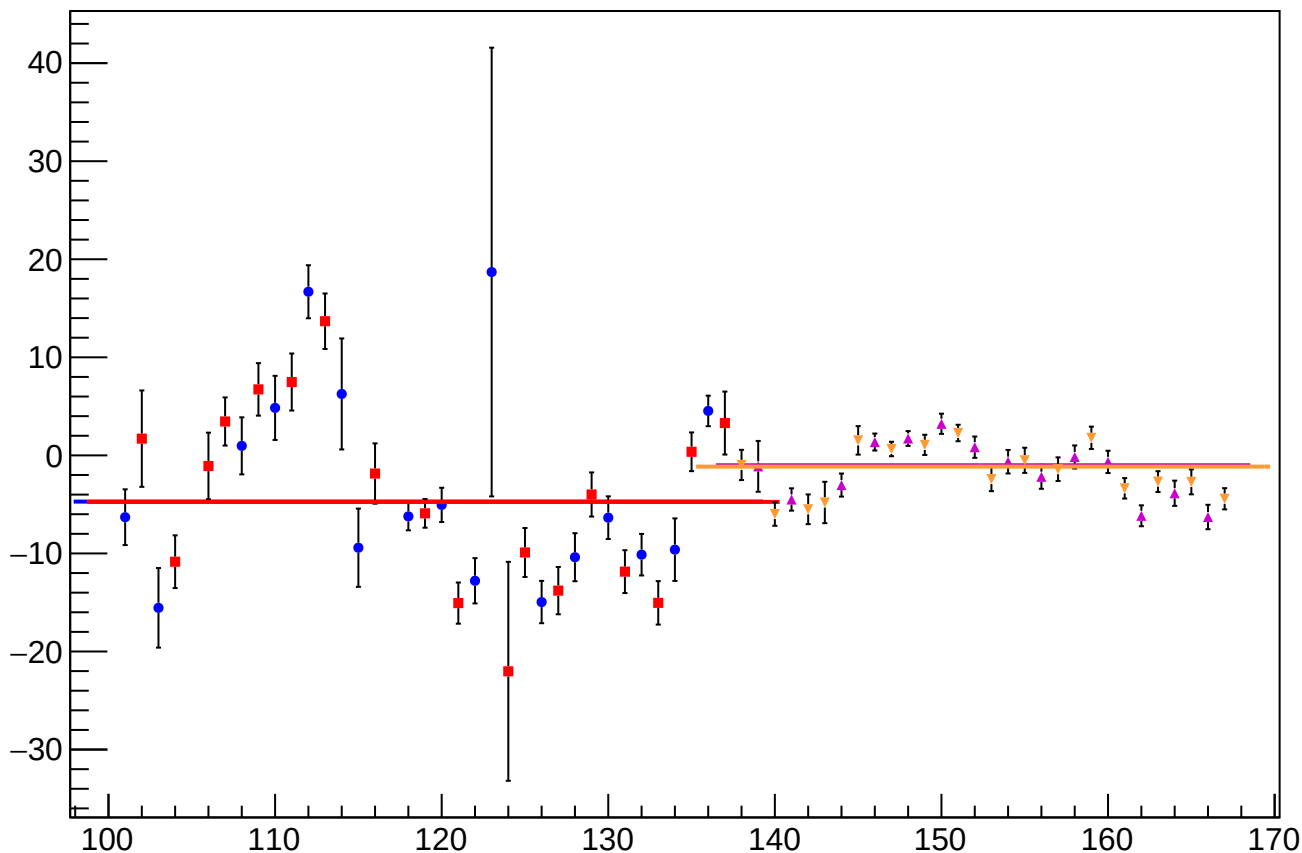
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.593+/-0.412 χ^2/NDF :209.9/13

Out: 26.800+/-0.400 χ^2/NDF :1563.2/15

All: 27.185+/-0.287 χ^2/NDF : 1774.9/29

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -1.145 ± 0.284 χ^2/NDF : 83.1/15

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -1.007 ± 0.295 χ^2/NDF : 100.6/13

Left: -1.079 ± 0.204 χ^2/NDF : 183.8/29

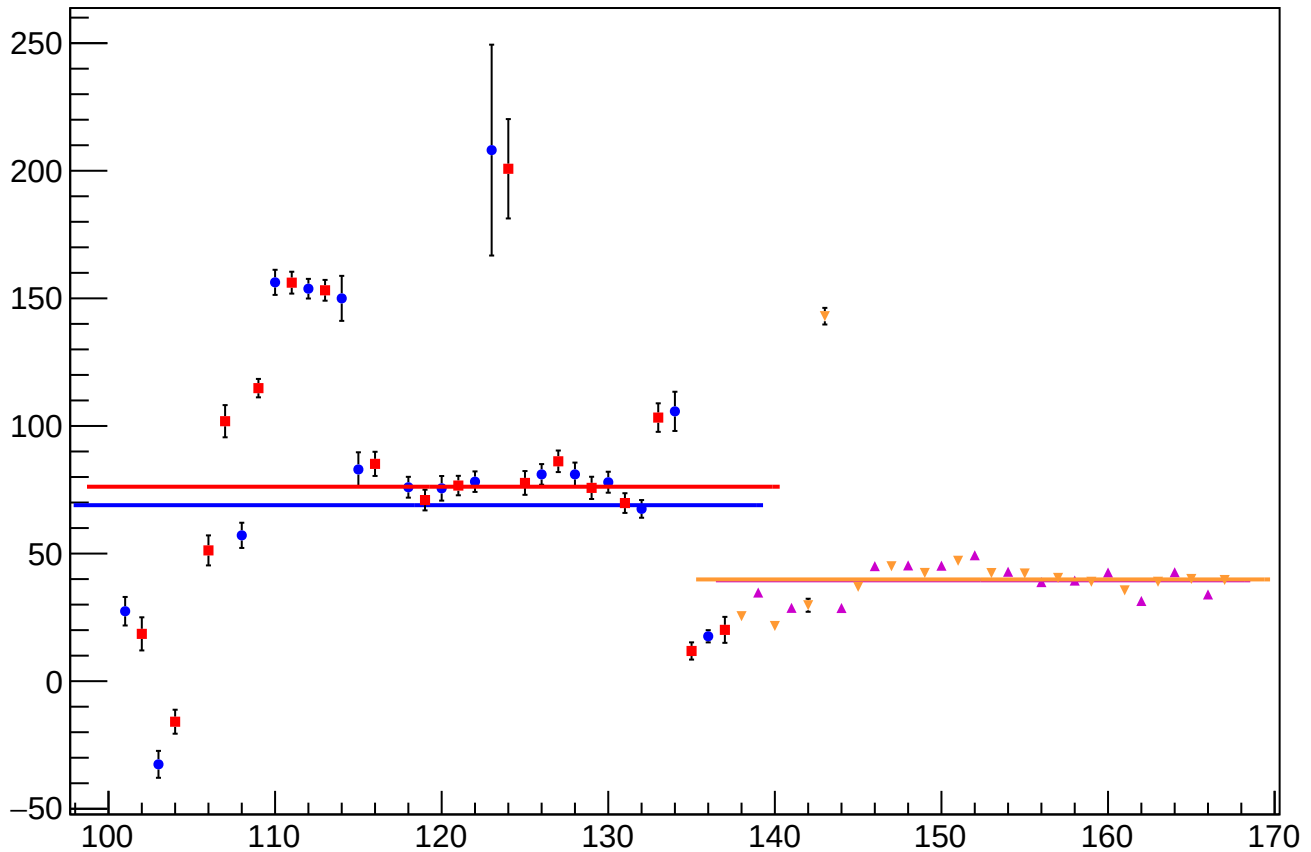
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.766 ± 0.263 χ^2/NDF : 307.6/30

Out: -1.829 ± 0.255 χ^2/NDF : 303.1/33

All: -1.799 ± 0.183 χ^2/NDF : 610.7/64

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960+/-1.079 χ^2/NDF : 1844.0/16

Left Out: 39.868+/-0.393 χ^2/NDF :1298.4/15

Right Out: 76.199+/-1.071 χ^2/NDF : 1881.0/17

Left In: 39.521+/-0.402 χ^2/NDF :255.5/13

Left: 39.698+/-0.281 χ^2/NDF : 1554.3/29

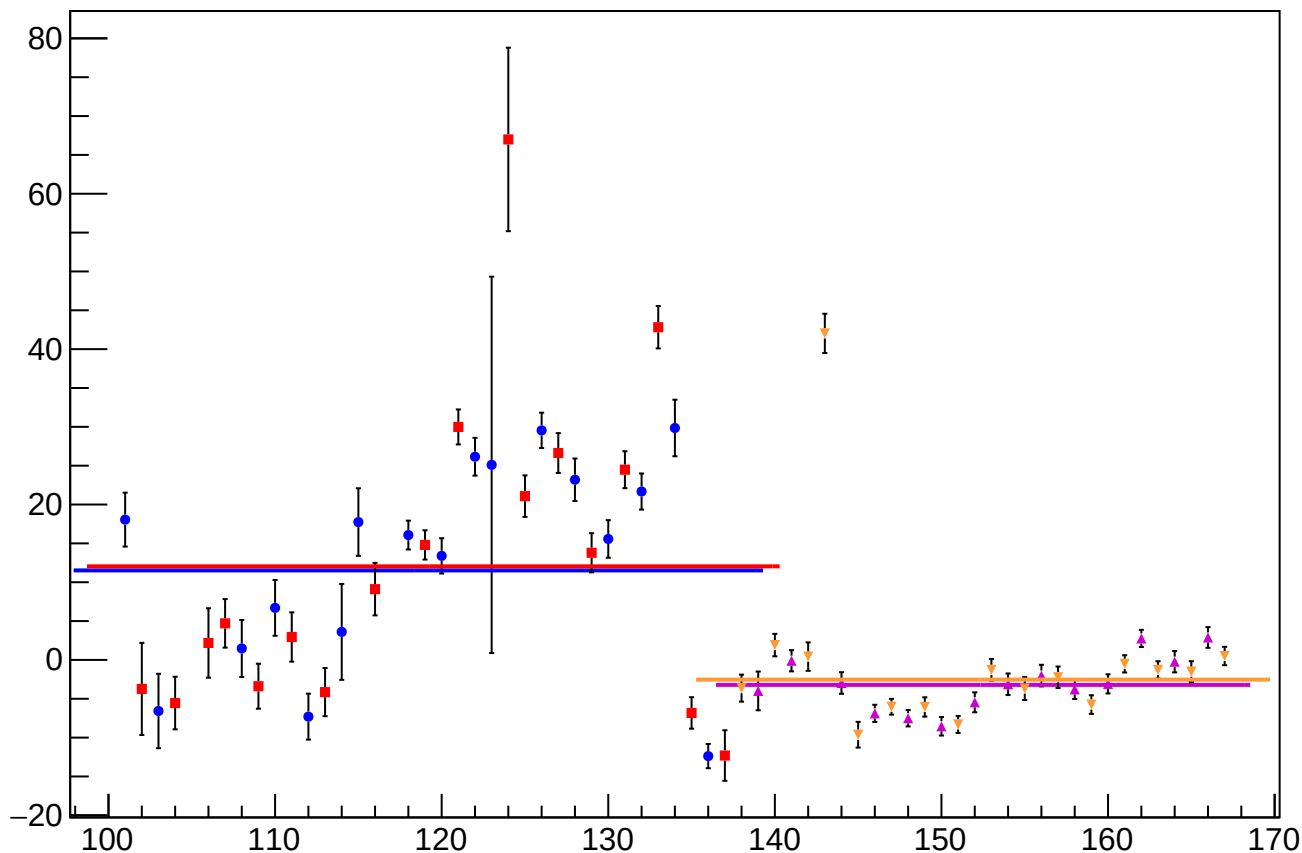
Right: 72.606+/-0.760 χ^2/NDF : 3747.6/34

In: 43.108+/-0.377 χ^2/NDF :2753.3/30

Out: 44.177+/-0.369 χ^2/NDF :4193.6/33

All: 43.653+/-0.264 χ^2/NDF : 6951.1/64

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -2.534 ± 0.331 $\chi^2/\text{NDF}: 410.2/15$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -3.212 ± 0.343 $\chi^2/\text{NDF}: 111.5/13$

Left: -2.860 ± 0.238 $\chi^2/\text{NDF}: 523.8/29$

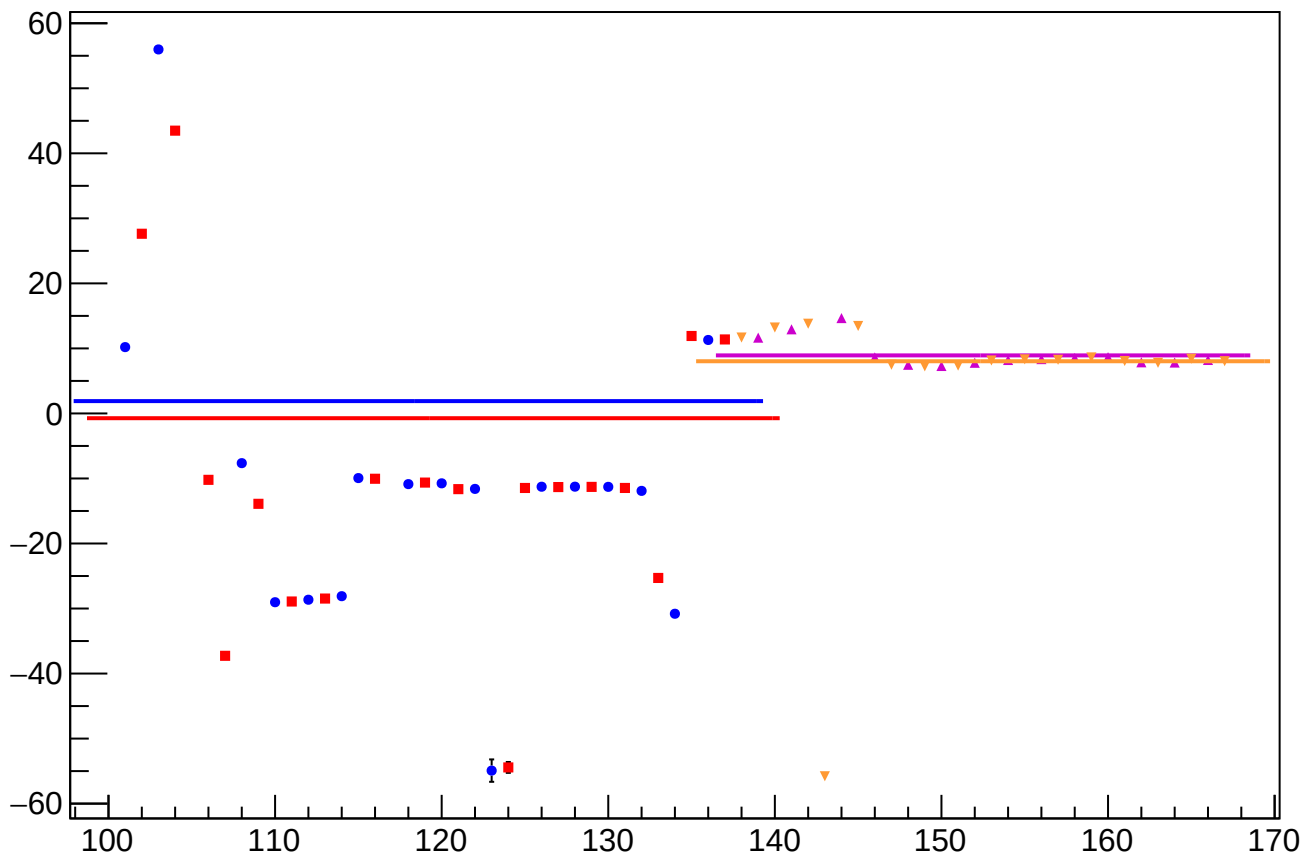
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.074 ± 0.305 $\chi^2/\text{NDF}: 981.1/30$

Out: 0.358 ± 0.296 $\chi^2/\text{NDF}: 1334.9/33$

All: 0.148 ± 0.212 $\chi^2/\text{NDF}: 2317.0/64$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 8.026 $\pm$ 0.015 χ^2 /NDF:256514.3/15

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 8.926 $\pm$ 0.016 χ^2 /NDF:14468.6/13

Left: 8.464 $\pm$ 0.011 χ^2 /NDF: 272634.0/29

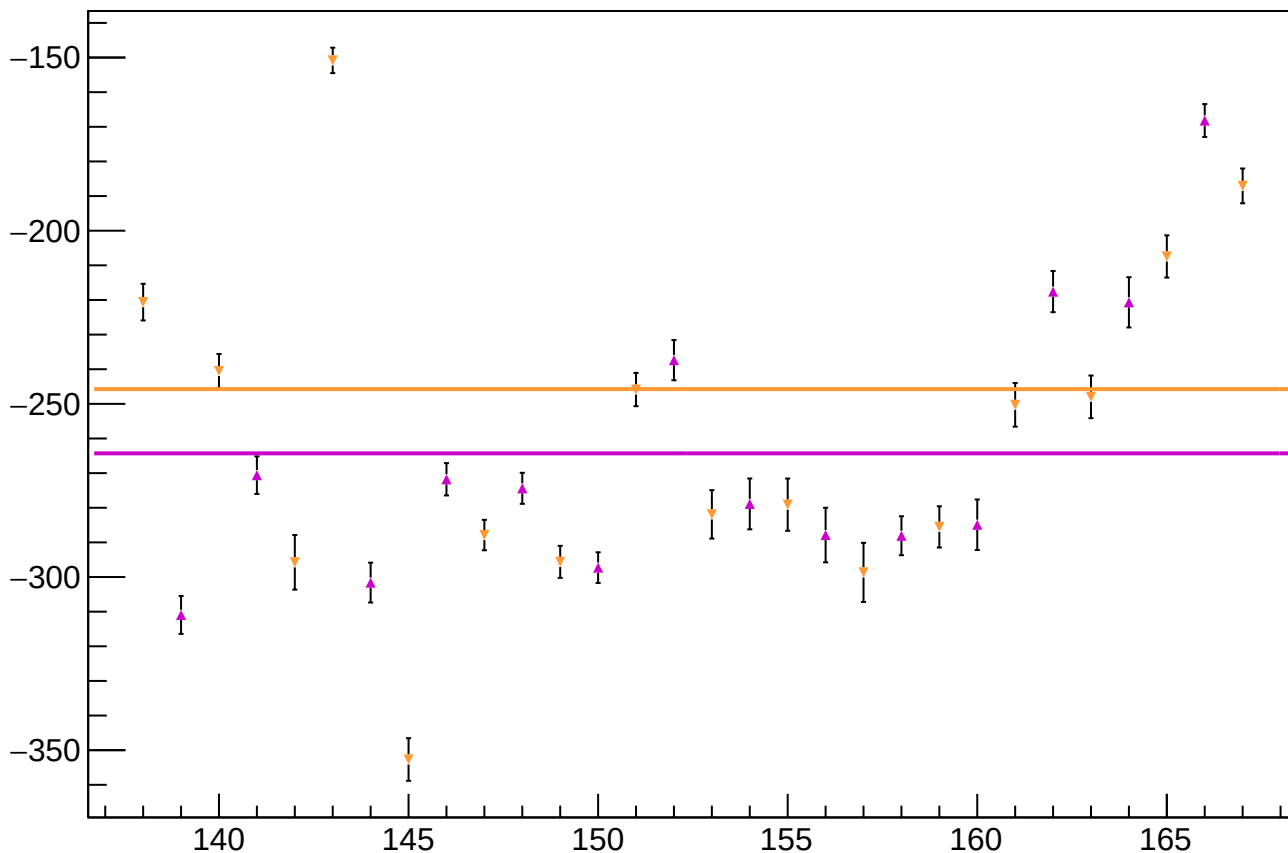
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 7.837 $\pm$ 0.015 χ^2 /NDF:403758.4/30

Out: 6.732 $\pm$ 0.014 χ^2 /NDF:663917.8/33

All: 7.272 $\pm$ 0.010 χ^2 /NDF: 1070606.9/64

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -245.739+/-1.369 χ^2/NDF :1546.6/15

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -264.285+/-1.490 χ^2/NDF :747.8/13

Left: -254.234+/-1.008 χ^2/NDF : 2378.4/29

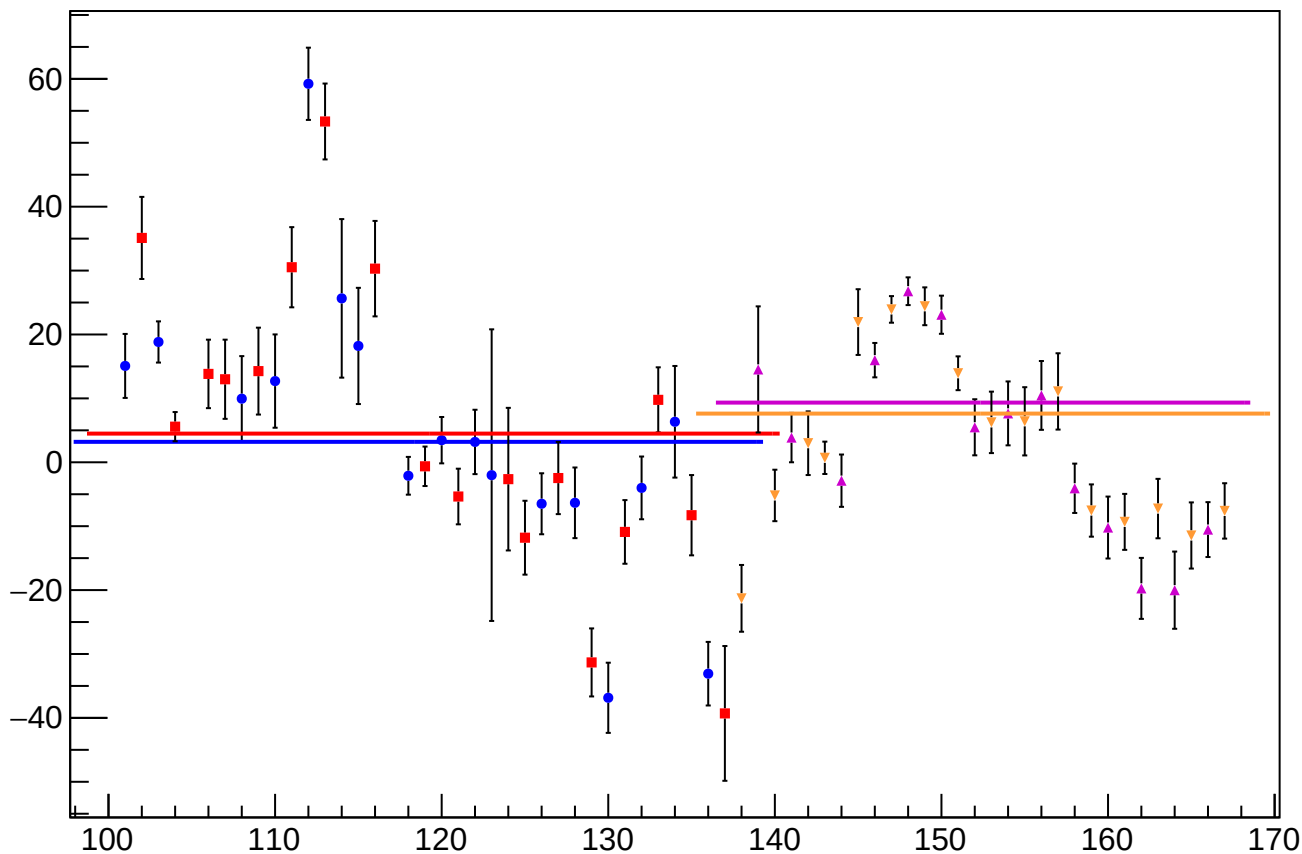
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -264.285+/-1.490 χ^2/NDF :747.8/13

Out: -245.739+/-1.369 χ^2/NDF :1546.6/15

All: -254.234+/-1.008 χ^2/NDF : 2378.4/29

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200+/-1.227 χ^2/NDF : 255.2/16

Left Out: 7.620+/-0.922 χ^2/NDF : 221.4/15

Right Out: 4.489+/-1.159 χ^2/NDF : 221.8/17

Left In: 9.339+/-1.020 χ^2/NDF : 214.4/13

Left: 8.394+/-0.684 χ^2/NDF : 437.3/29

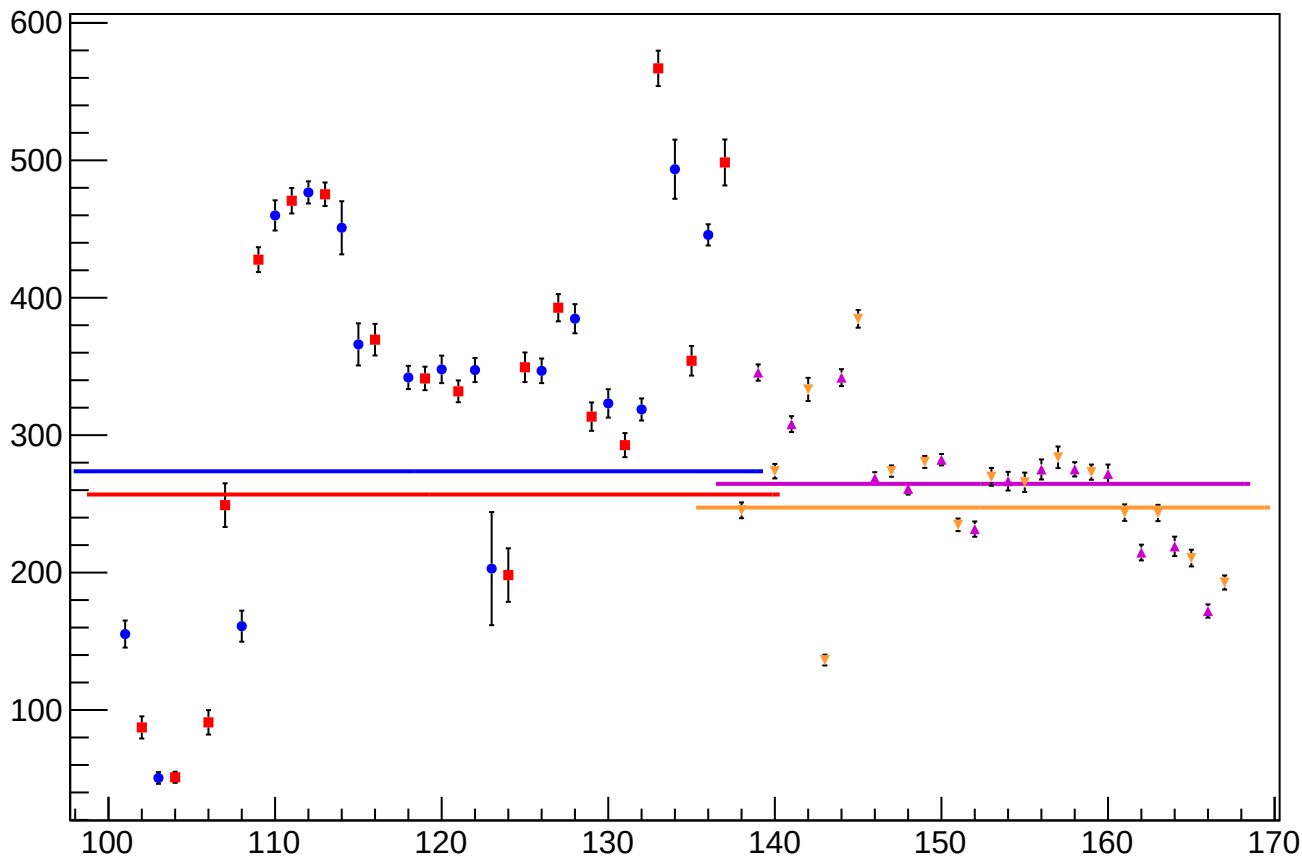
Right: 3.881+/-0.843 χ^2/NDF : 477.5/34

In: 6.831+/-0.784 χ^2/NDF : 484.3/30

Out: 6.405+/-0.722 χ^2/NDF : 447.6/33

All: 6.600+/-0.531 χ^2/NDF : 932.1/64

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 247.317 $\pm$ 1.355 χ^2 /NDF:1704.0/15

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 264.573 $\pm$ 1.451 χ^2 /NDF:947.5/13

Left: 255.357 $\pm$ 0.990 χ^2 /NDF: 2727.0/29

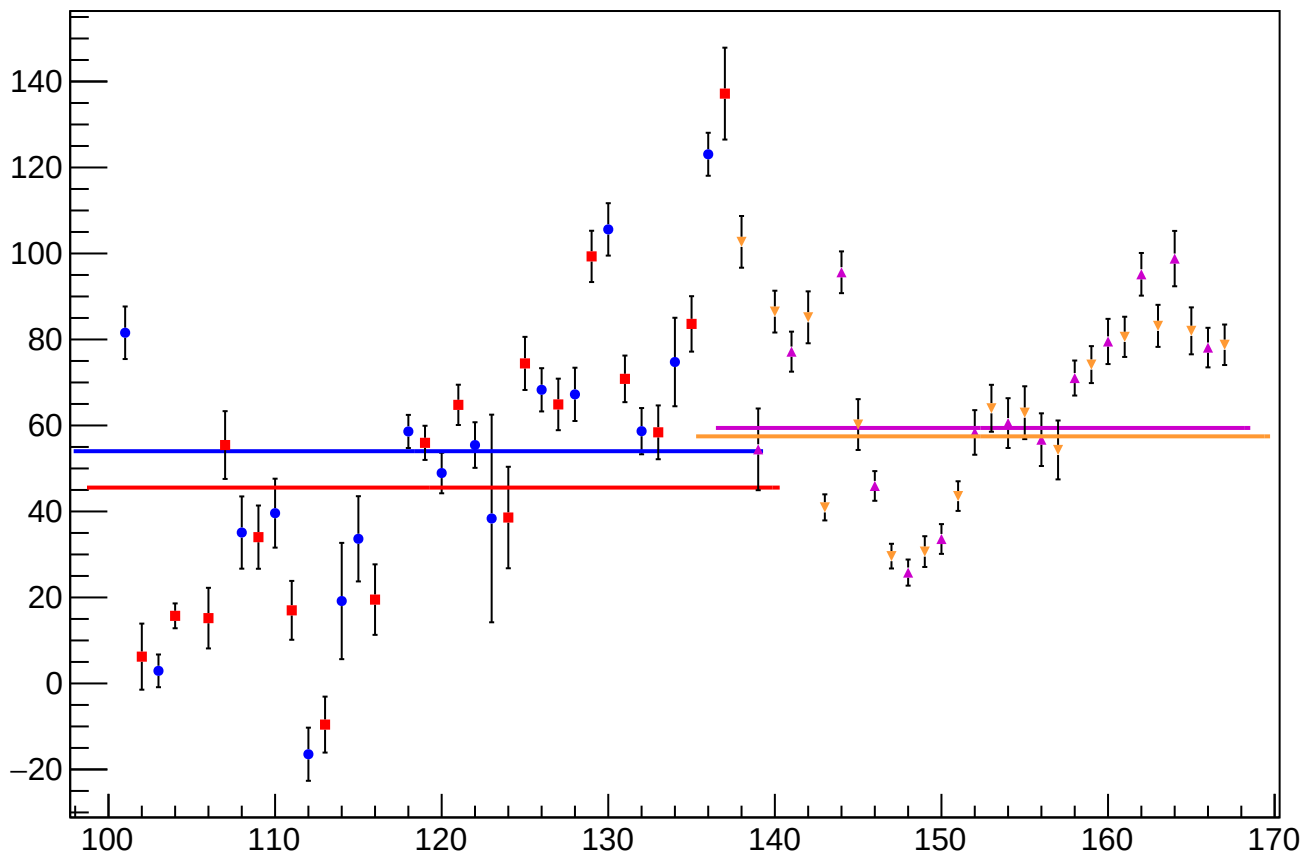
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 267.354 $\pm$ 1.210 χ^2 /NDF:6062.9/30

Out: 250.144 $\pm$ 1.136 χ^2 /NDF:8130.4/33

All: 258.205 $\pm$ 0.828 χ^2 /NDF: 14300.7/64

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 57.466 $\pm$ 1.104 χ^2 /NDF:419.8/15

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 59.421 $\pm$ 1.215 χ^2 /NDF:392.8/13

Left: 58.351 $\pm$ 0.817 χ^2 /NDF: 814.0/29

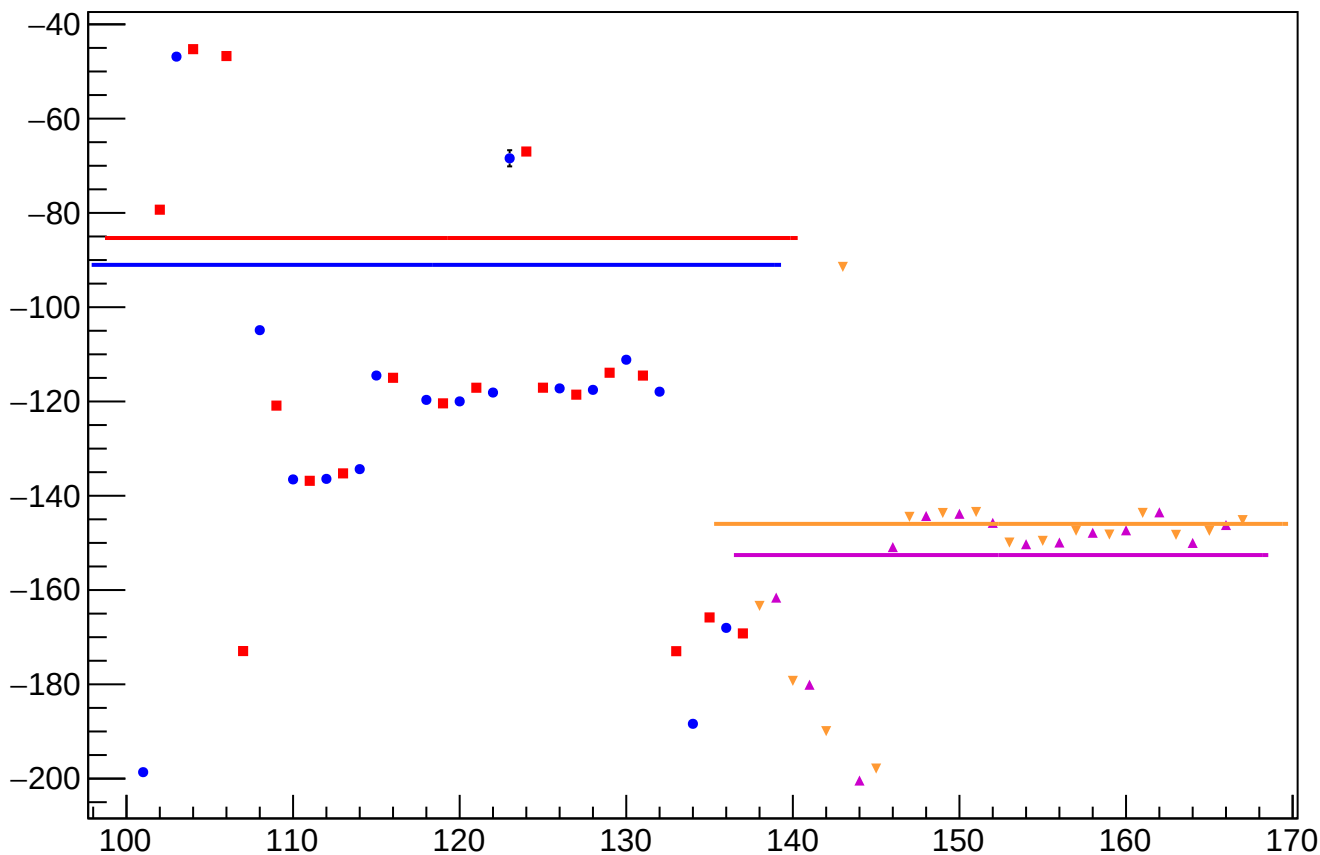
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.143 $\pm$ 0.924 χ^2 /NDF:1034.0/30

Out: 52.725 $\pm$ 0.857 χ^2 /NDF:992.7/33

All: 54.768 $\pm$ 0.628 χ^2 /NDF: 2039.0/64

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2 /NDF: 534258.1/16

Left Out: -145.965 $\pm$ 0.055 χ^2 /NDF: 205714.8/15

Right Out: -85.325 $\pm$ 0.065 χ^2 /NDF: 483106.3/17

Left In: -152.578 $\pm$ 0.058 χ^2 /NDF: 56707.7/13

Left: -149.056 $\pm$ 0.040 χ^2 /NDF: 269264.3/29

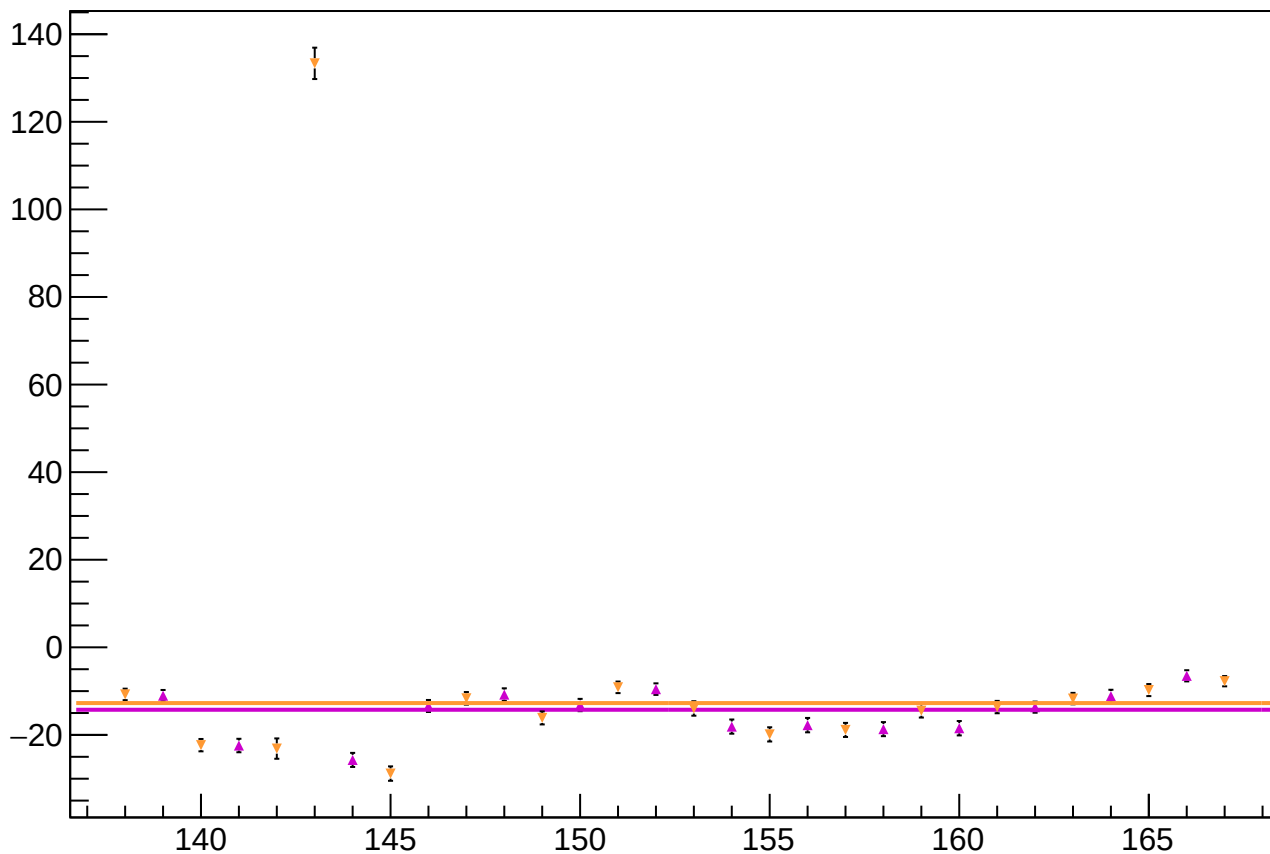
Right: -88.069 $\pm$ 0.047 χ^2 /NDF: 1021045.4/34

In: -126.291 $\pm$ 0.044 χ^2 /NDF: 1066316.6/30

Out: -120.923 $\pm$ 0.042 χ^2 /NDF: 1197216.7/33

All: -123.464 $\pm$ 0.030 χ^2 /NDF: 2271310.3/64

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: -14.258+/-0.386 χ^2/NDF :170.7/13

Left: -13.472+/-0.269 χ^2/NDF : 2079.3/29

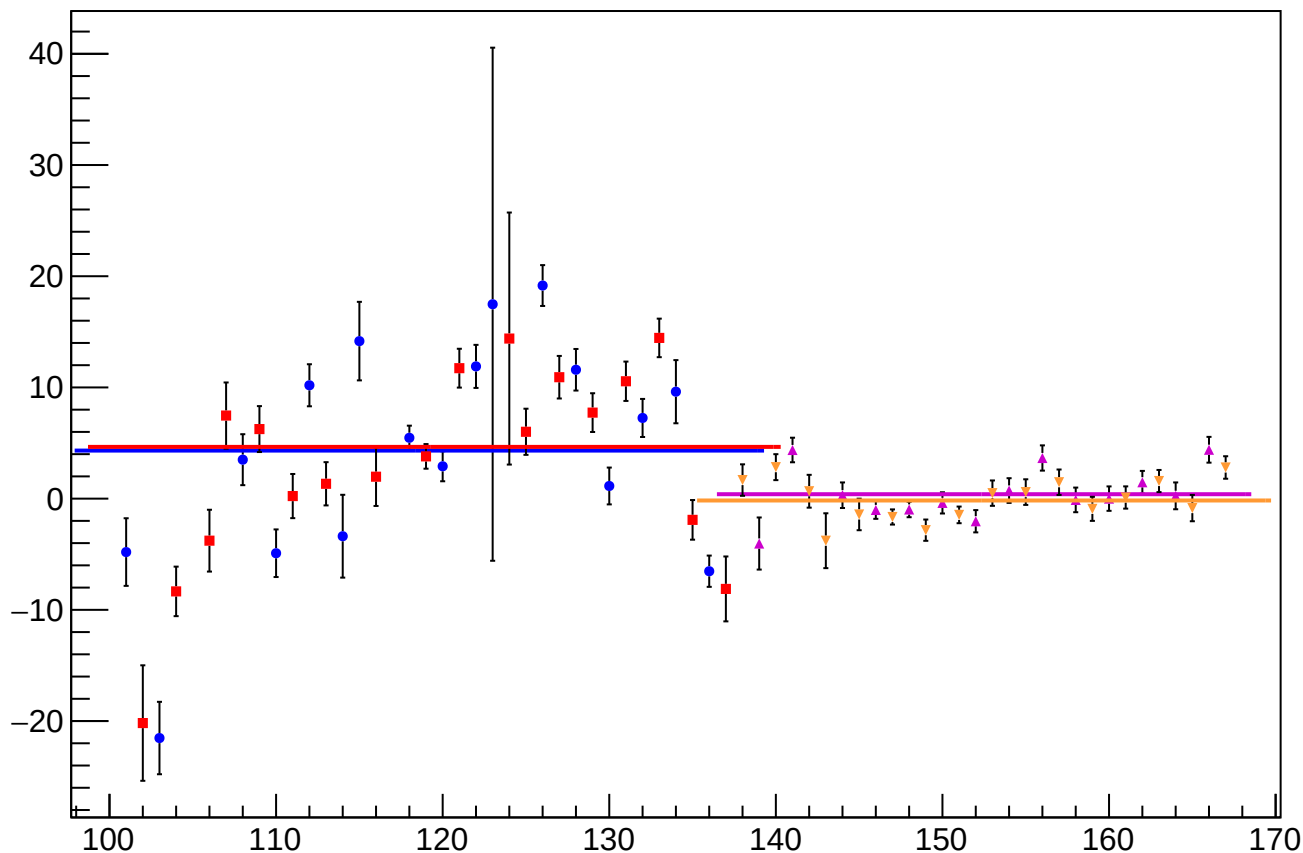
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.258+/-0.386 χ^2/NDF :170.7/13

Out: -12.730+/-0.375 χ^2/NDF :1900.6/15

All: -13.472+/-0.269 χ^2/NDF : 2079.3/29

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: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.398 ± 0.276 $\chi^2/\text{NDF}: 51.8/13$

Left: 0.105 ± 0.191 $\chi^2/\text{NDF}: 96.4/29$

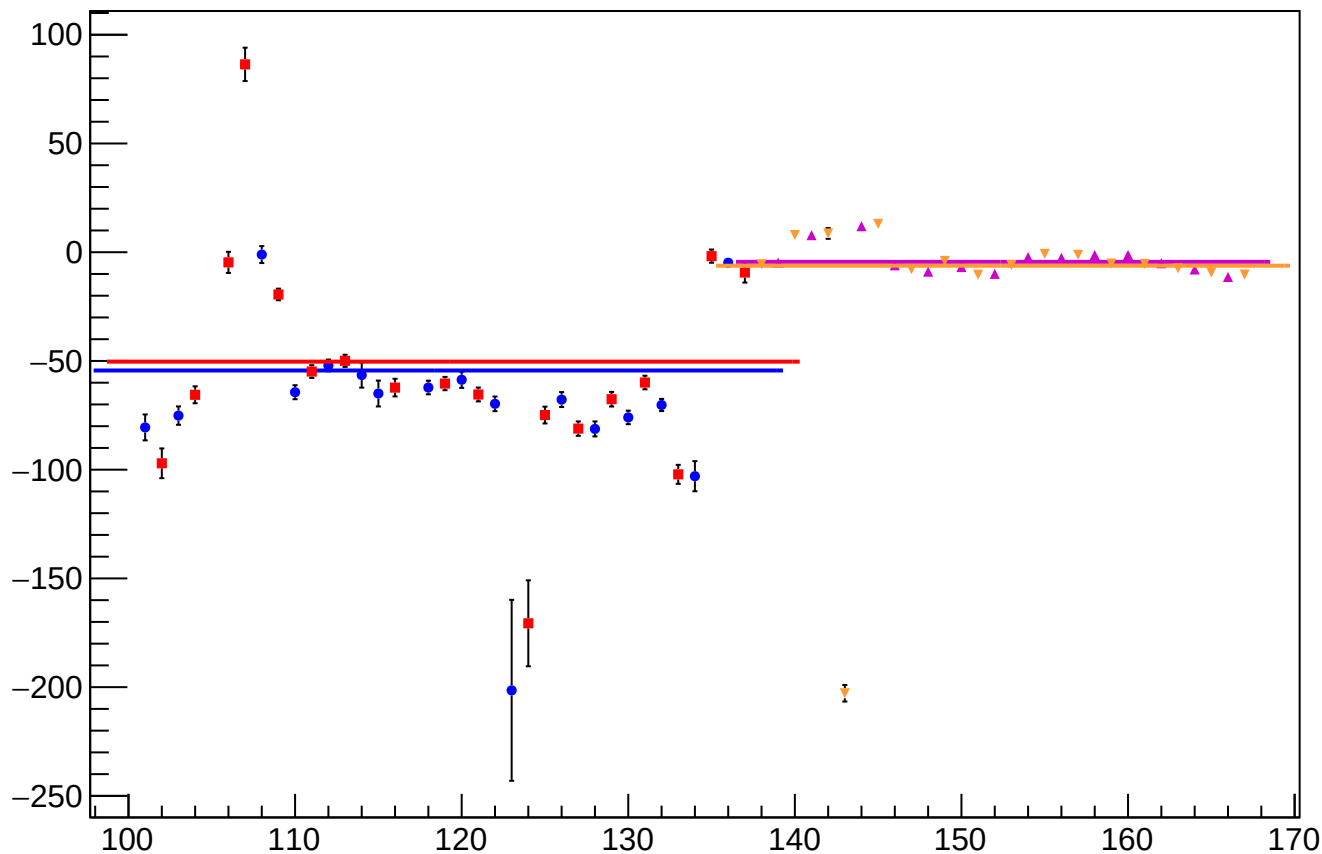
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.421 ± 0.238 $\chi^2/\text{NDF}: 384.7/30$

Out: 0.982 ± 0.231 $\chi^2/\text{NDF}: 305.6/33$

All: 1.196 ± 0.166 $\chi^2/\text{NDF}: 692.1/64$

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: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -4.434 ± 0.376 $\chi^2/\text{NDF}: 229.5/13$

Left: -5.336 ± 0.263 $\chi^2/\text{NDF}: 3197.2/29$

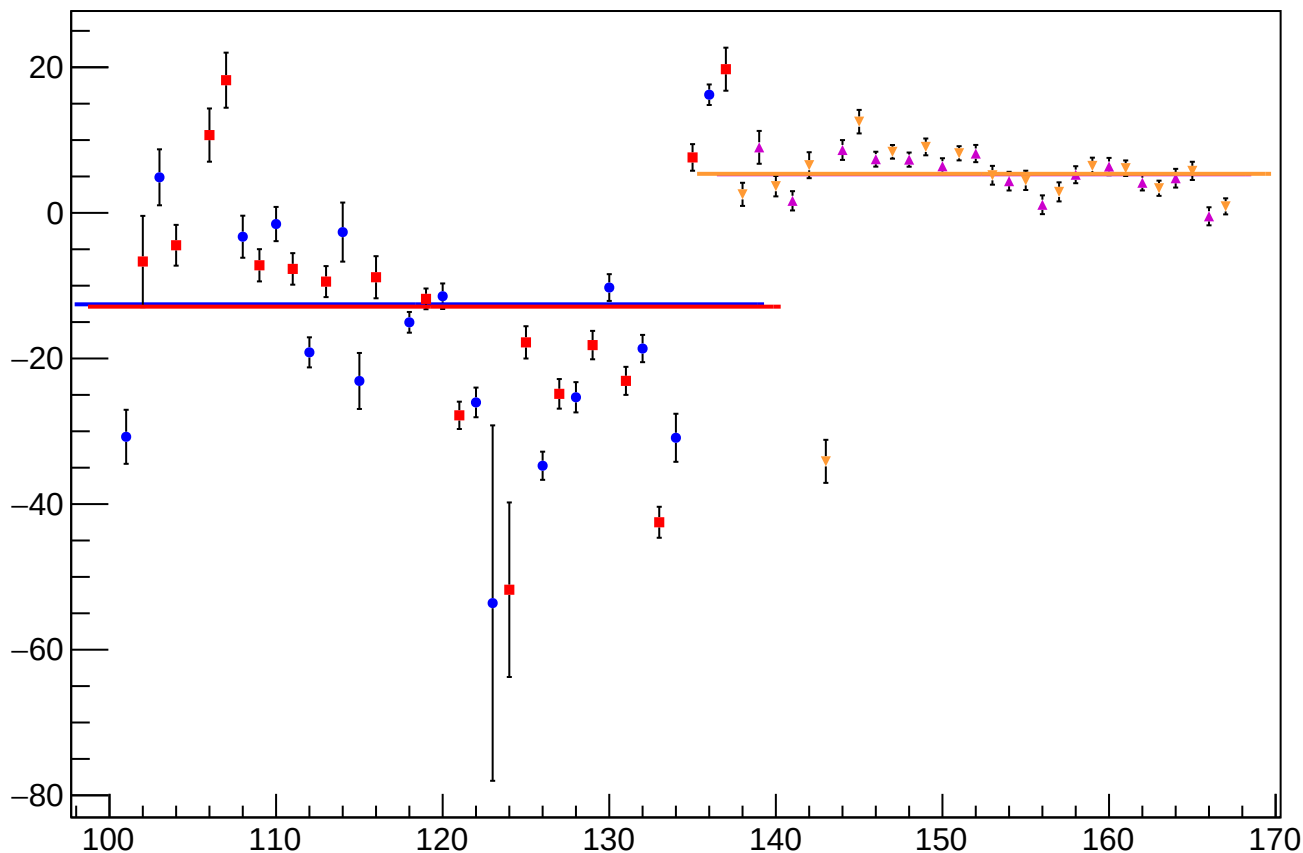
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -12.383 ± 0.345 $\chi^2/\text{NDF}: 4051.1/30$

Out: -13.038 ± 0.338 $\chi^2/\text{NDF}: 6508.2/33$

All: -12.717 ± 0.241 $\chi^2/\text{NDF}: 10561.2/64$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.364 ± 0.310 χ^2/NDF : 257.7/15

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.300 ± 0.322 χ^2/NDF : 66.4/13

Left: 5.333 ± 0.223 χ^2/NDF : 324.1/29

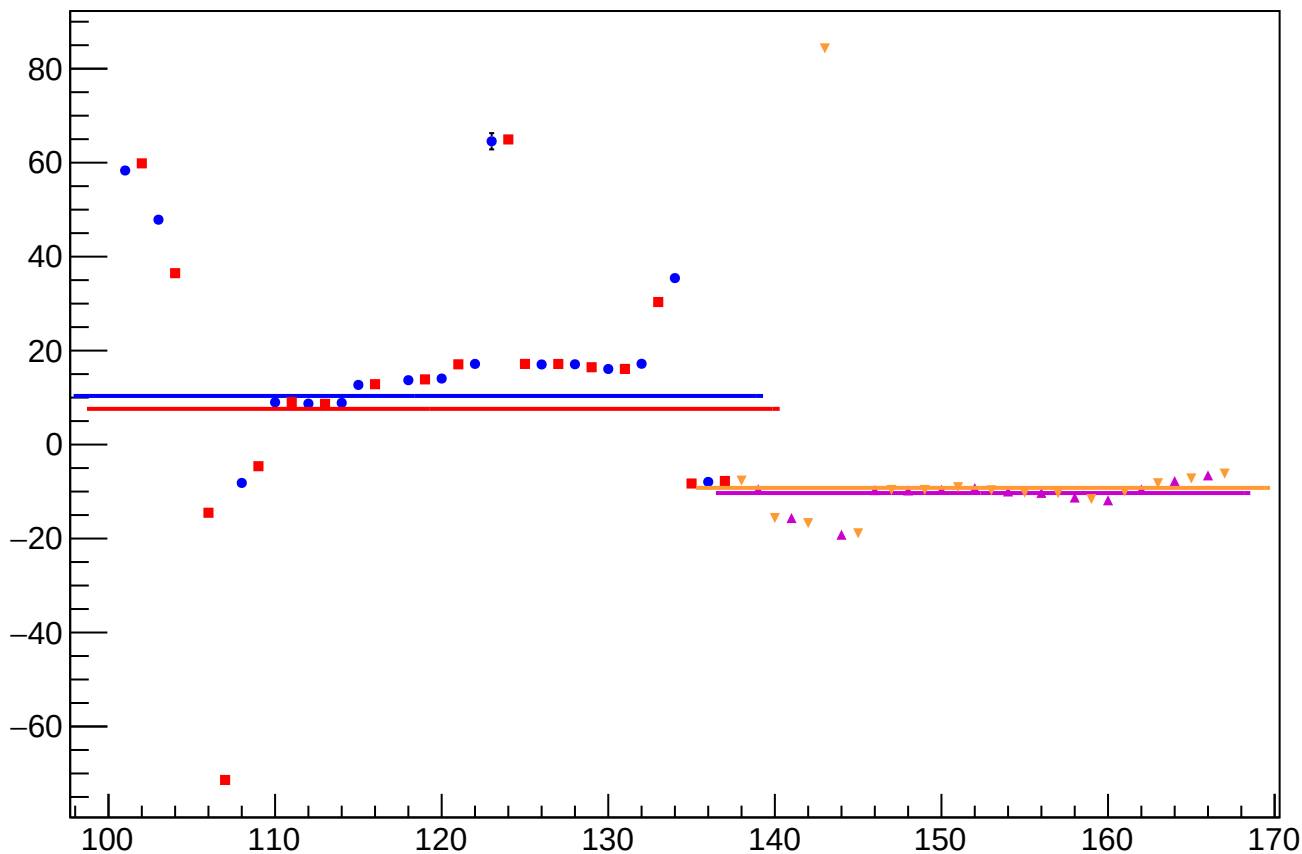
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.503 ± 0.275 χ^2/NDF : 1672.0/30

Out: 0.830 ± 0.268 χ^2/NDF : 1847.8/33

All: 0.671 ± 0.192 χ^2/NDF : 3520.5/64

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.215+/-0.014 χ^2/NDF :415941.7/15

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -10.316+/-0.015 χ^2/NDF :28937.4/13

Left: -9.751+/-0.010 χ^2/NDF : 447701.8/29

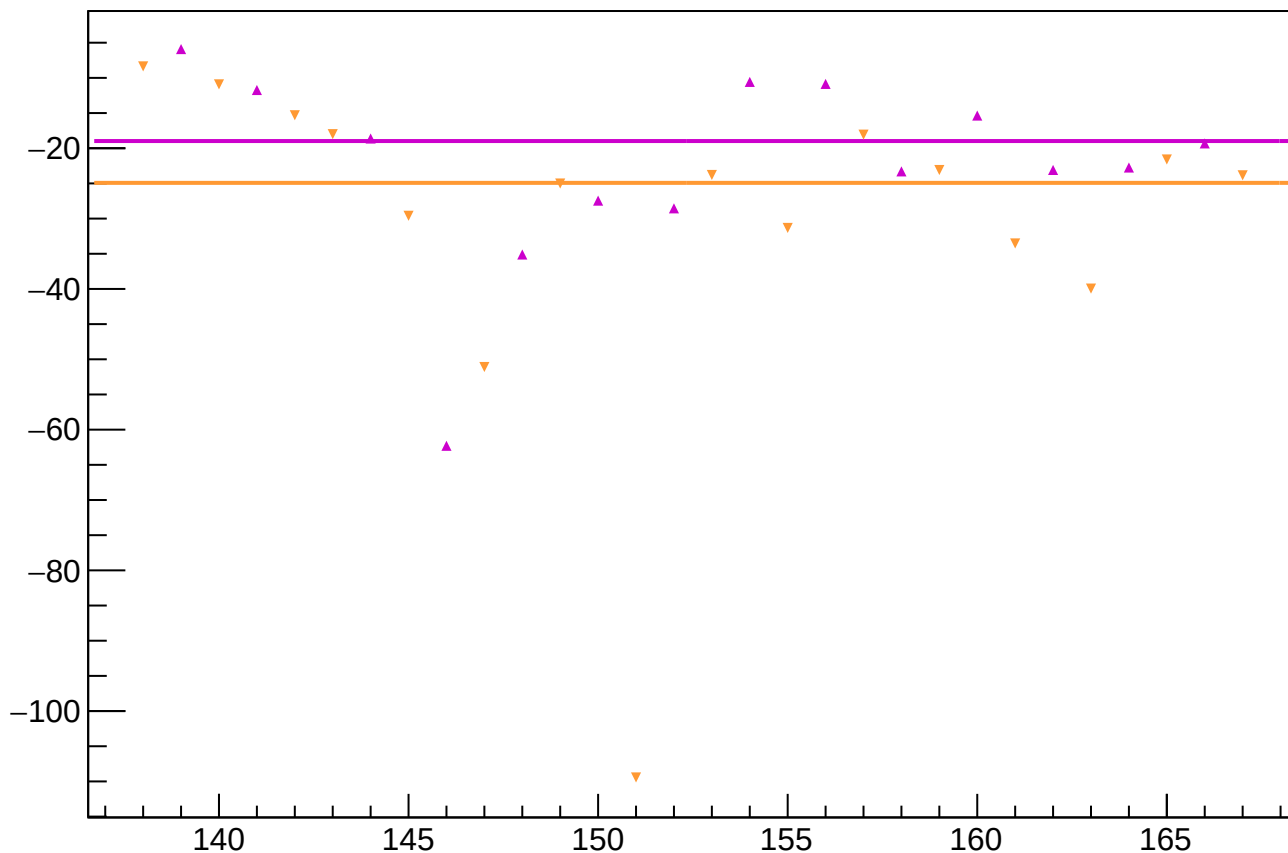
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -6.377+/-0.013 χ^2/NDF :779470.3/30

Out: -6.257+/-0.013 χ^2/NDF :1192406.5/33

All: -6.316+/-0.009 χ^2/NDF : 1971917.9/64

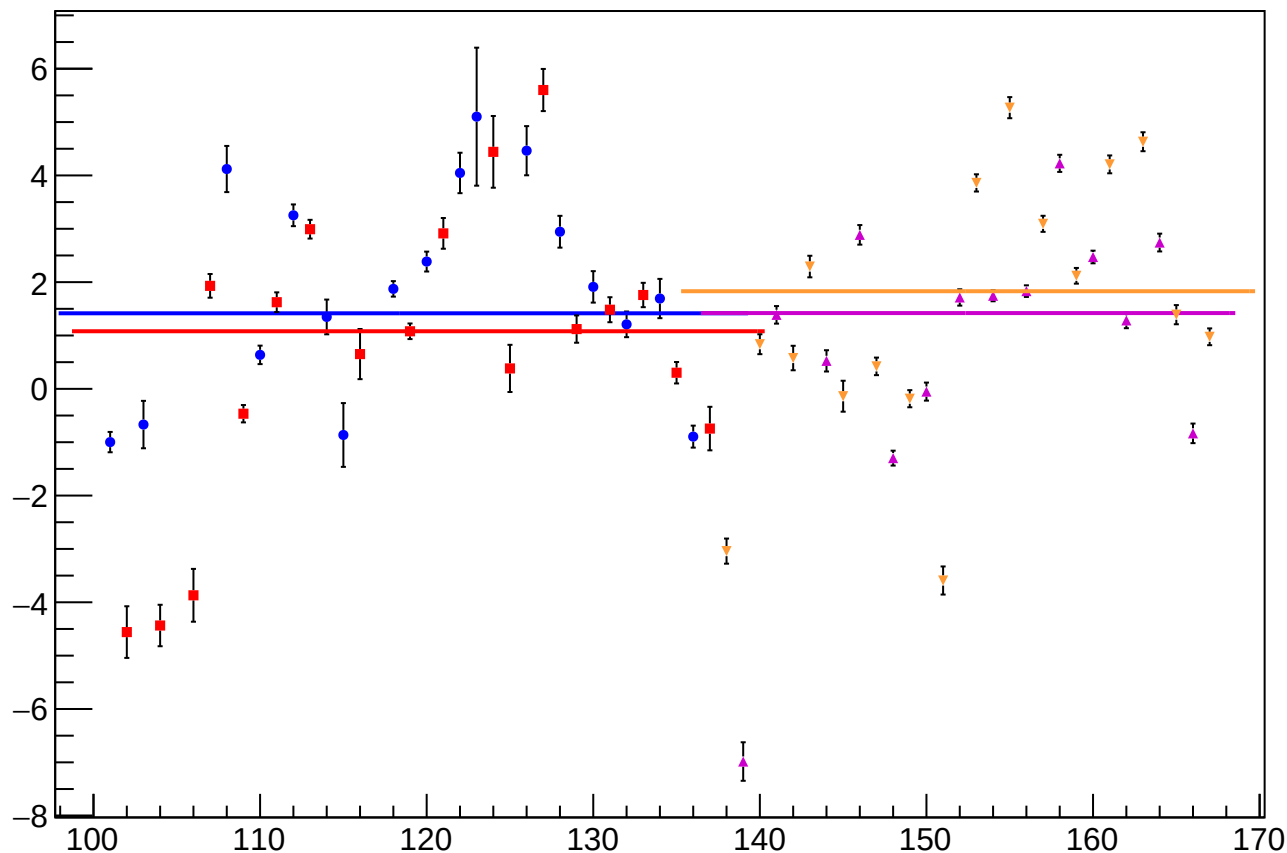
reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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: -18.978+/-0.055 χ^2/NDF :37855.3/13

Left: -21.637+/-0.041 χ^2/NDF : 99782.3/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -18.978+/-0.055 χ^2/NDF :37855.3/13
 Out: -24.922+/-0.061 χ^2/NDF :56746.6/15
 All: -21.637+/-0.041 χ^2/NDF : 99782.3/29

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.830 ± 0.045 χ^2/NDF : 2213.5/15

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 1.420 ± 0.040 χ^2/NDF : 1707.7/13

Left: 1.599 ± 0.030 χ^2/NDF : 3967.1/29

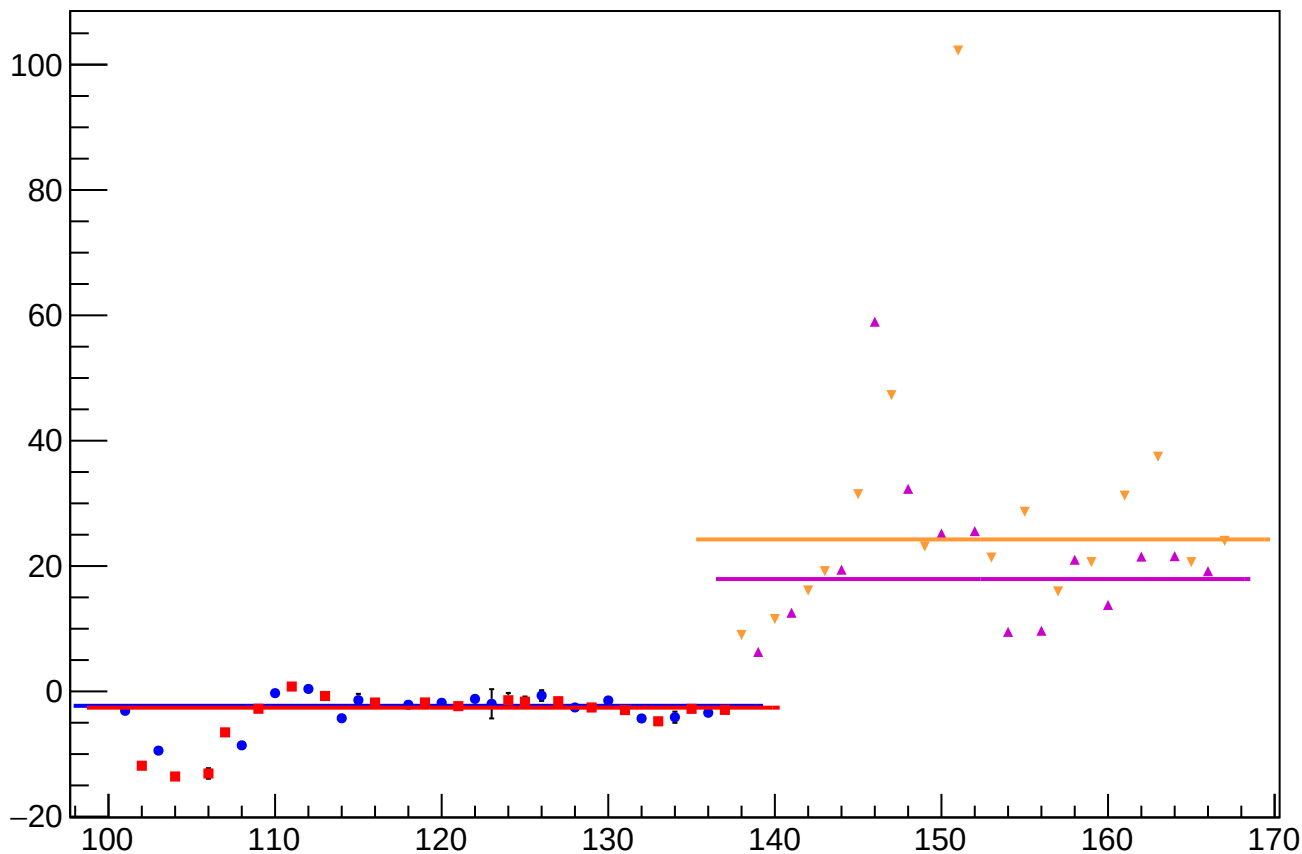
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.419 ± 0.033 χ^2/NDF : 2338.9/30

Out: 1.546 ± 0.036 χ^2/NDF : 3233.0/33

All: 1.478 ± 0.024 χ^2/NDF : 5578.6/64

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 24.247 ± 0.060 $\chi^2/\text{NDF}: 50811.6/15$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 17.925 ± 0.053 $\chi^2/\text{NDF}: 35752.0/13$

Left: 20.692 ± 0.040 $\chi^2/\text{NDF}: 92730.0/29$

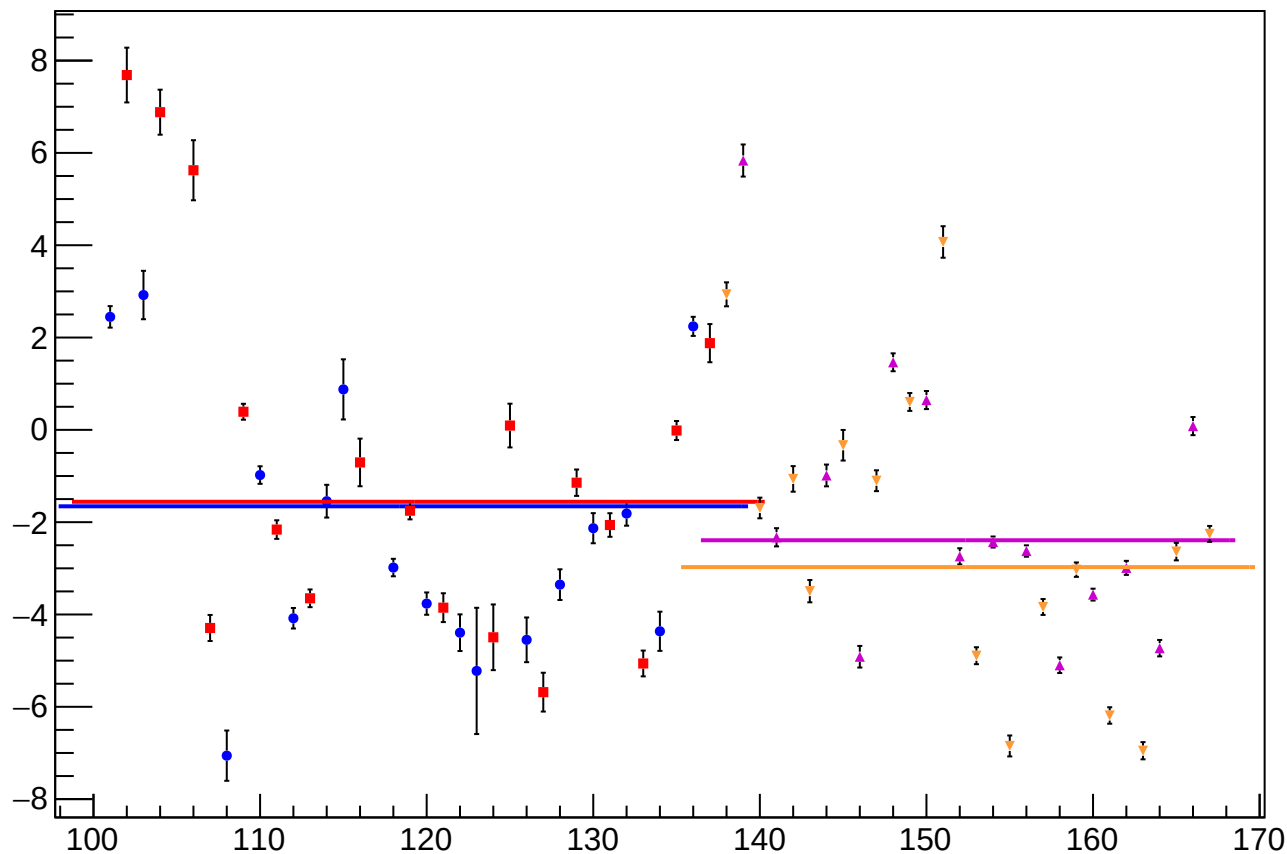
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 14.131 ± 0.048 $\chi^2/\text{NDF}: 63240.1/30$

Out: 17.000 ± 0.052 $\chi^2/\text{NDF}: 105069.9/33$

All: 15.463 ± 0.035 $\chi^2/\text{NDF}: 169968.3/64$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.974 ± 0.052 χ^2/NDF : 2730.2/15

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.392 ± 0.045 χ^2/NDF : 2042.0/13

Left: -2.645 ± 0.034 χ^2/NDF : 4843.9/29

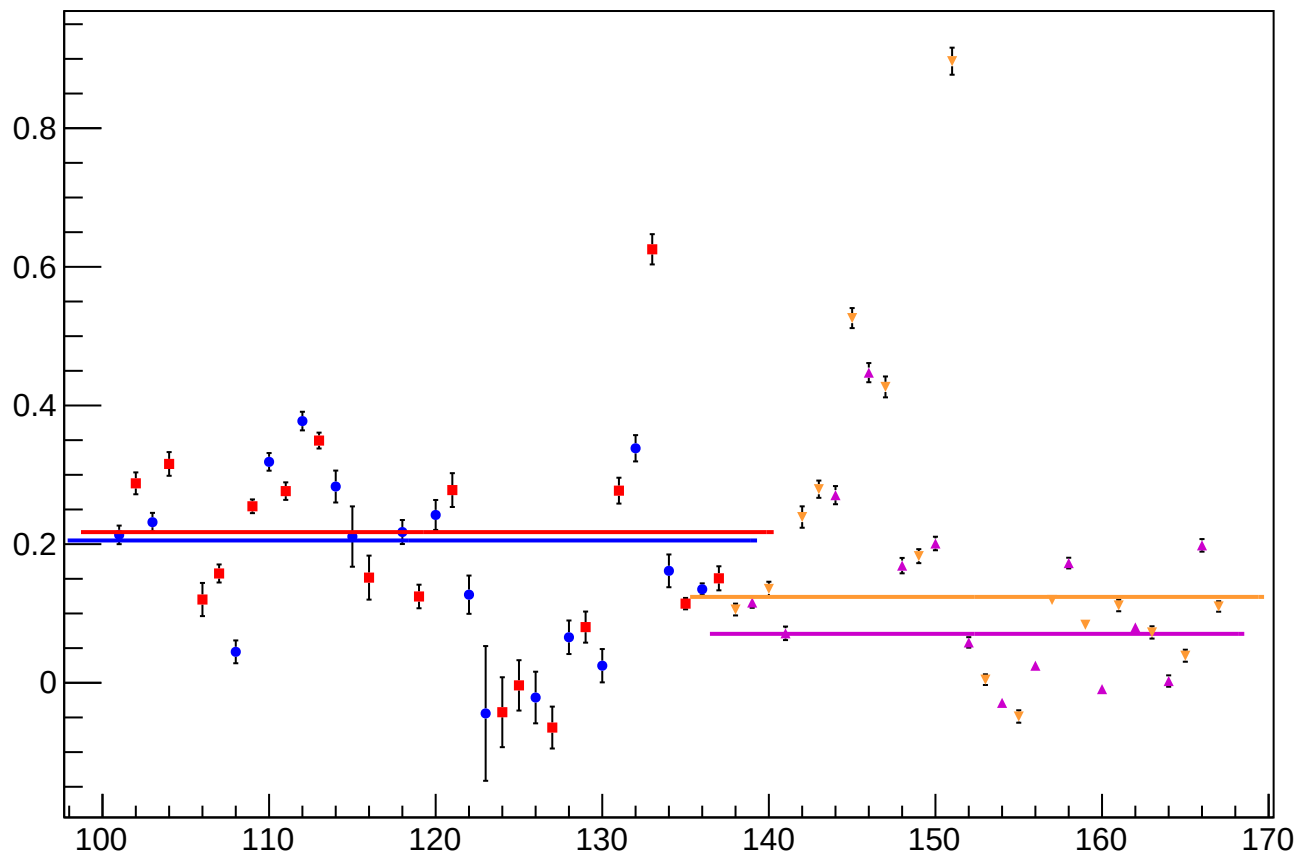
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.176 ± 0.038 χ^2/NDF : 3390.3/30

Out: -2.433 ± 0.041 χ^2/NDF : 4501.5/33

All: -2.297 ± 0.028 χ^2/NDF : 7913.0/64

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.124 $\pm$ 0.002 χ^2 /NDF: 3772.9/15

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.071 $\pm$ 0.002 χ^2 /NDF: 2390.0/13

Left: 0.093 $\pm$ 0.002 χ^2 /NDF: 6465.4/29

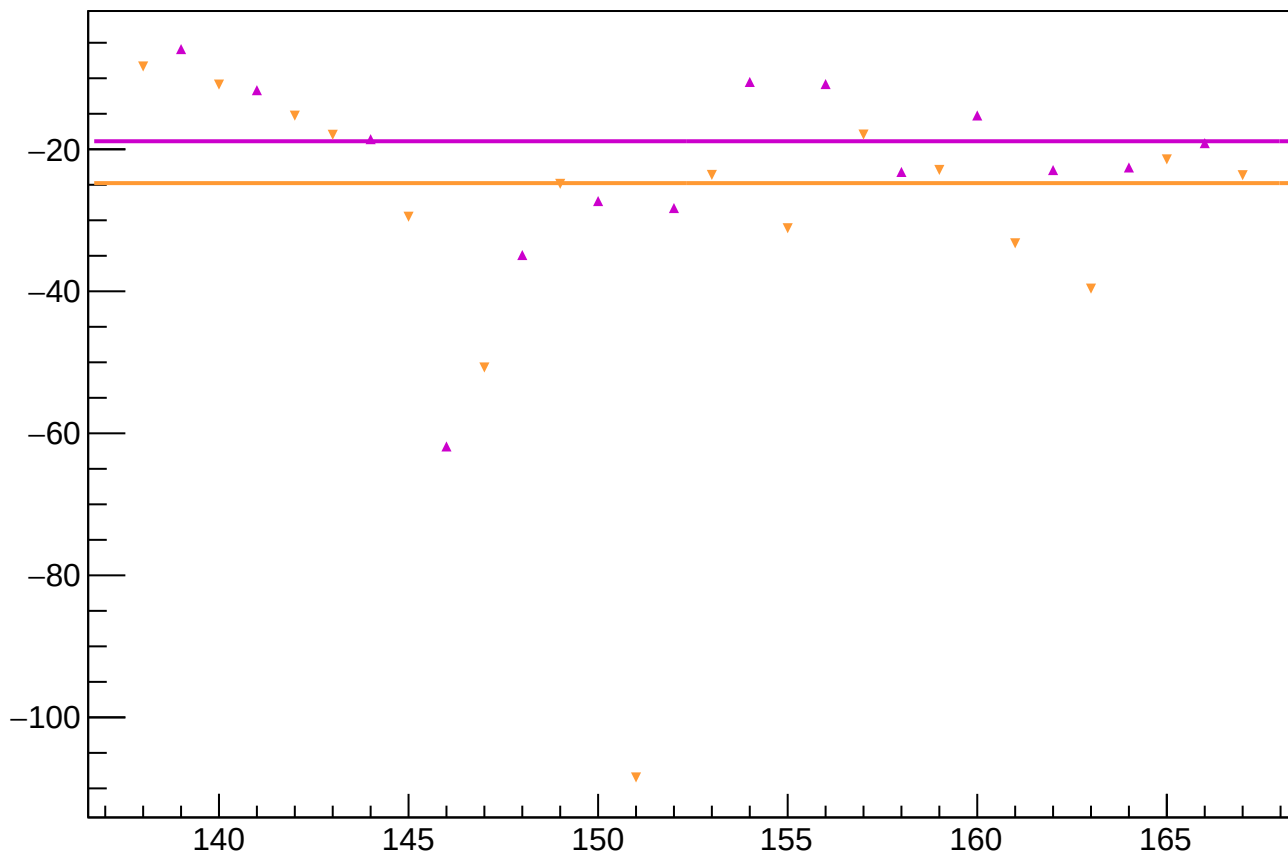
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.096 $\pm$ 0.002 χ^2 /NDF: 3870.4/30

Out: 0.150 $\pm$ 0.002 χ^2 /NDF: 5247.8/33

All: 0.121 $\pm$ 0.001 χ^2 /NDF: 9533.6/64

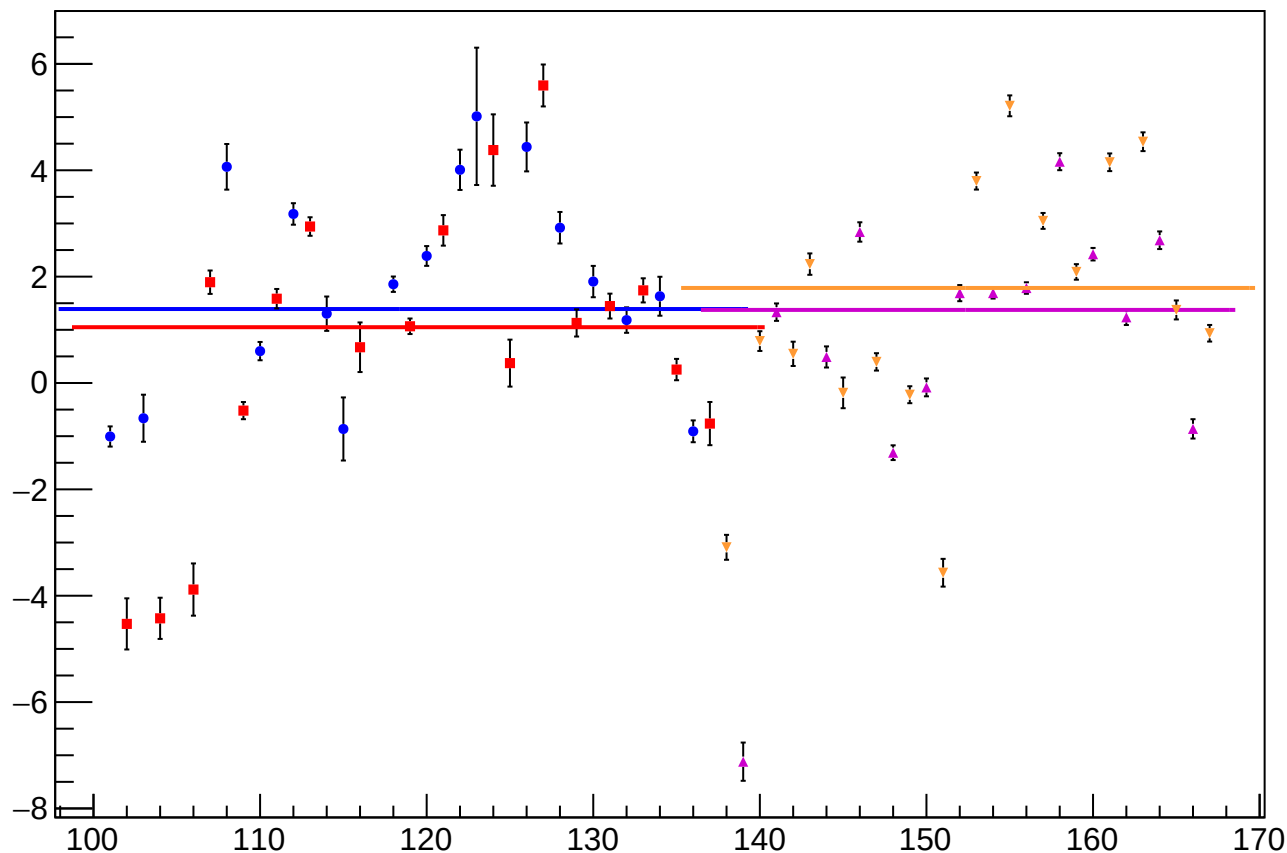
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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: -18.869+/-0.055 χ^2/NDF :37766.6/13

Left: -21.508+/-0.041 χ^2/NDF : 99491.8/29
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -18.869+/-0.055 χ^2/NDF :37766.6/13
 Out: -24.765+/-0.061 χ^2/NDF :56563.6/15
 All: -21.508+/-0.041 χ^2/NDF : 99491.8/29

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.787 $\pm$ 0.045 χ^2 /NDF:2212.7/15

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 1.374 $\pm$ 0.040 χ^2 /NDF:1719.7/13

Left: 1.554 $\pm$ 0.030 χ^2 /NDF: 3979.7/29

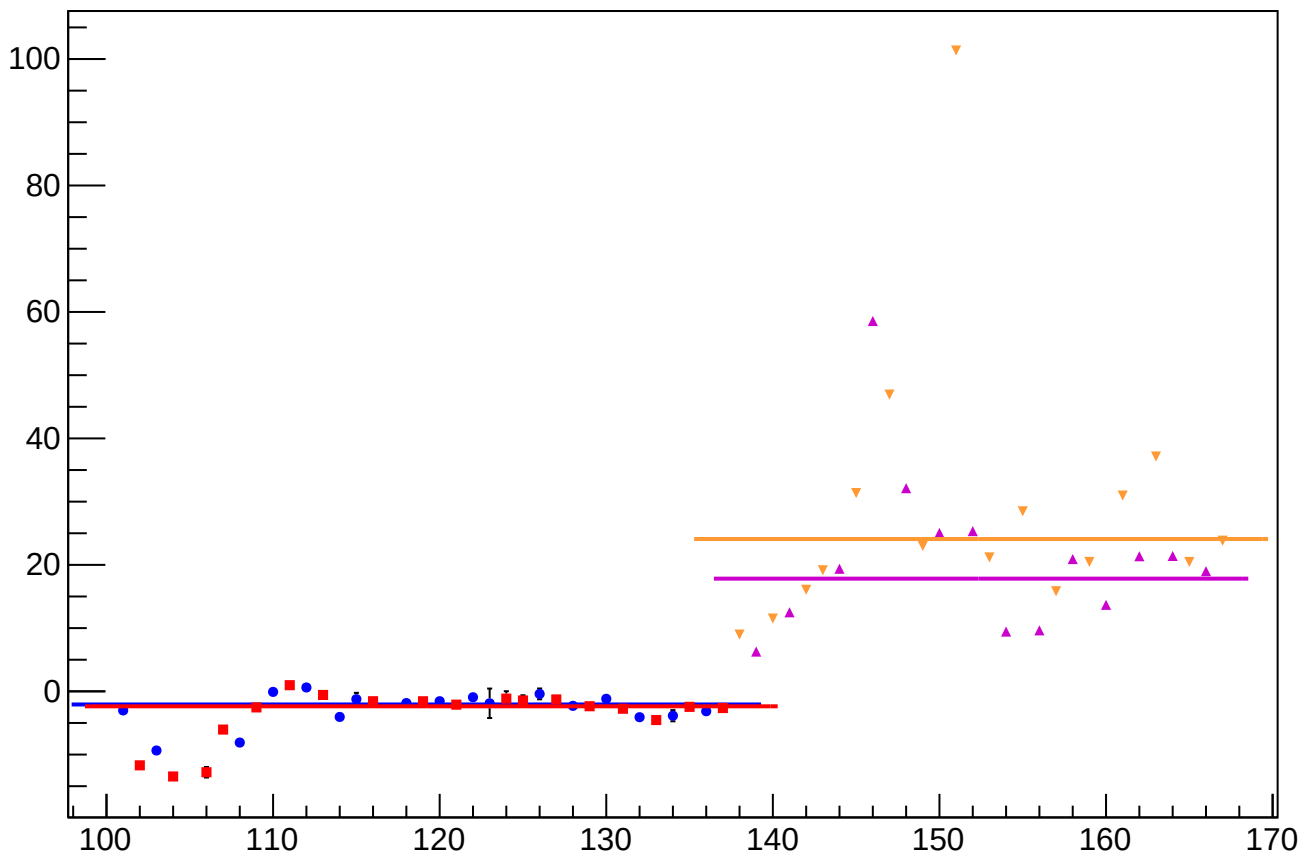
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.379 $\pm$ 0.033 χ^2 /NDF:2349.0/30

Out: 1.509 $\pm$ 0.036 χ^2 /NDF:3233.5/33

All: 1.439 $\pm$ 0.024 χ^2 /NDF: 5589.6/64

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.091 ± 0.060 χ^2/NDF : 50673.5/15

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.822 ± 0.053 χ^2/NDF : 35676.8/13

Left: 20.567 ± 0.040 χ^2/NDF : 92490.7/29

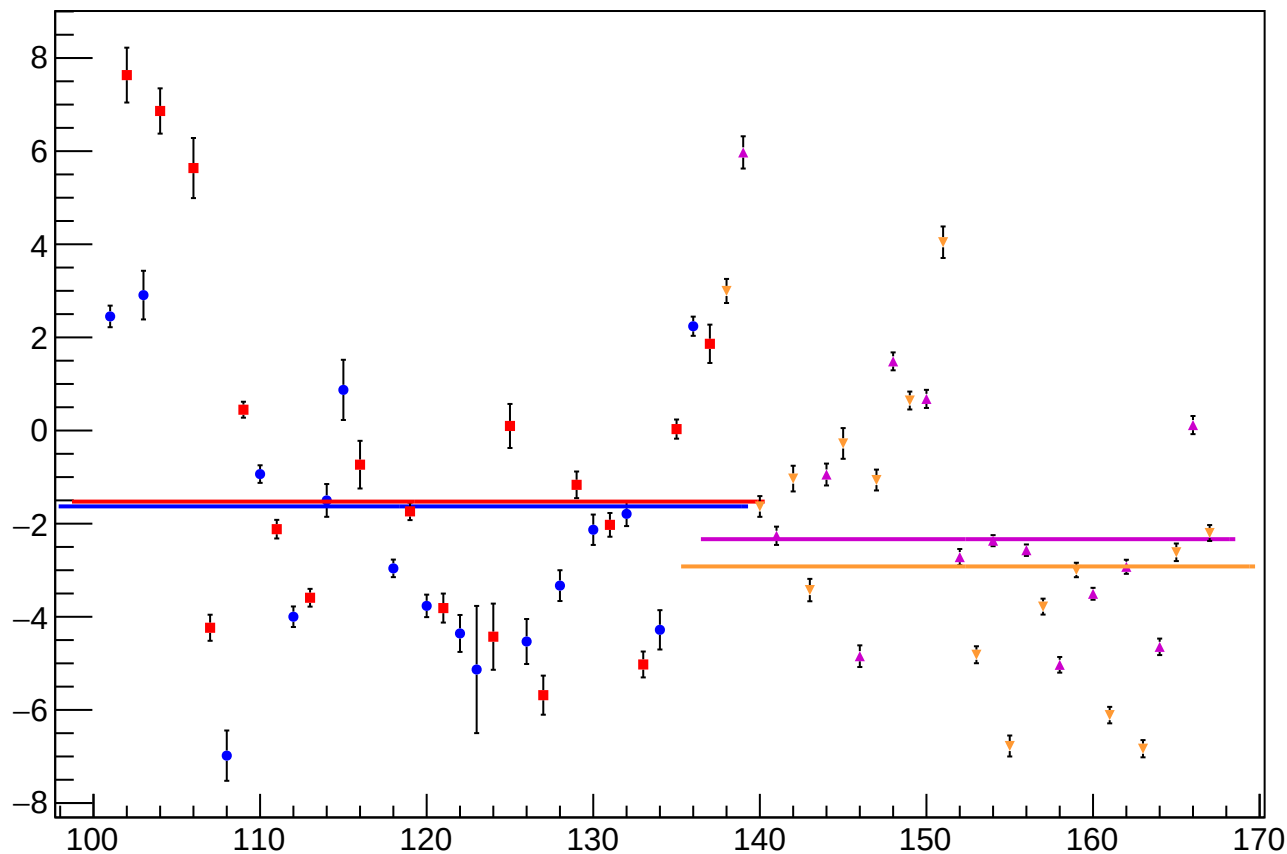
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 14.097 ± 0.048 χ^2/NDF : 62575.8/30

Out: 16.961 ± 0.051 χ^2/NDF : 104010.4/33

All: 15.426 ± 0.035 χ^2/NDF : 168258.3/64

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.919 ± 0.051 χ^2/NDF : 2727.8/15

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.333 ± 0.045 χ^2/NDF : 2055.5/13

Left: -2.588 ± 0.034 χ^2/NDF : 4856.9/29

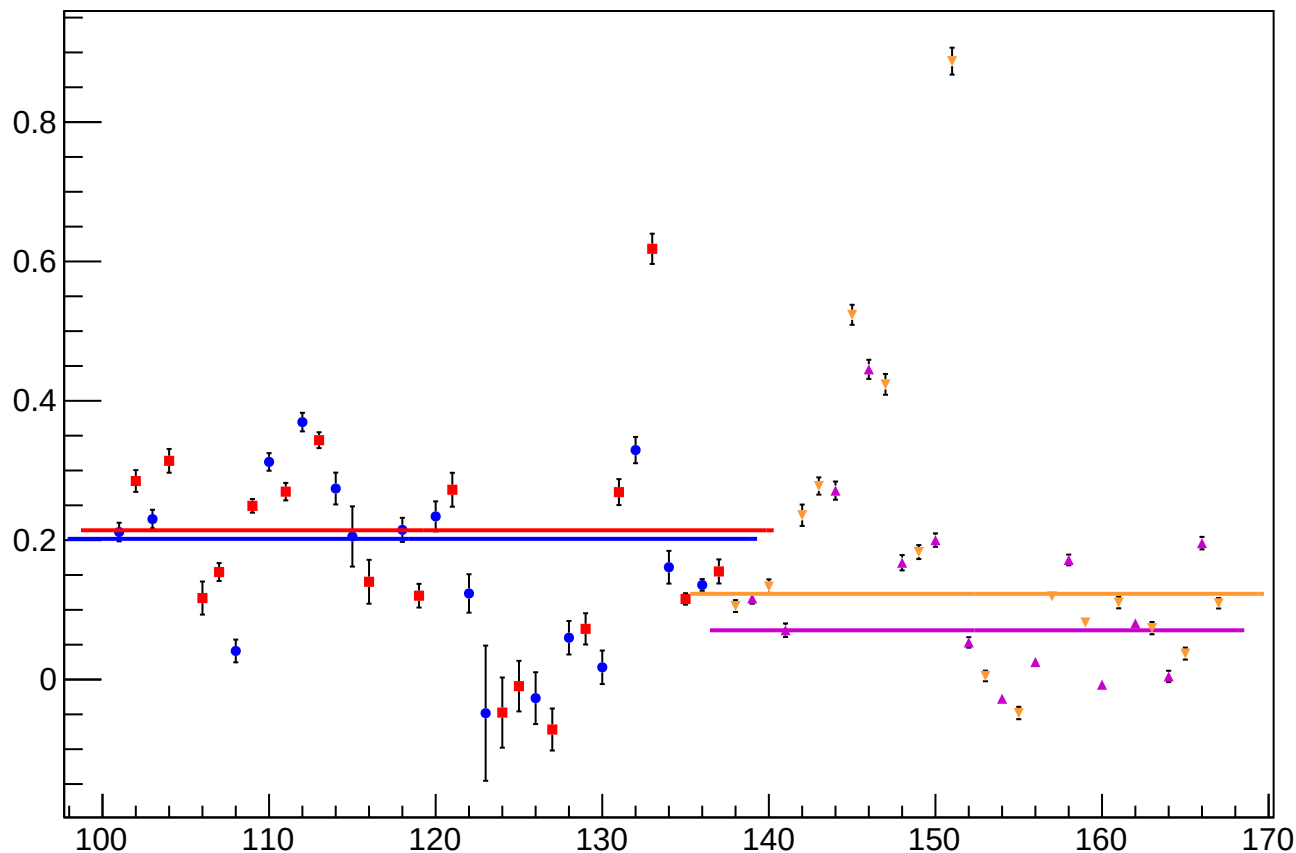
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -2.128 ± 0.038 χ^2/NDF : 3393.2/30

Out: -2.388 ± 0.040 χ^2/NDF : 4496.6/33

All: -2.250 ± 0.028 χ^2/NDF : 7911.9/64

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2/NDF : 604.6/16

Left Out: 0.123 $\pm$ 0.002 χ^2/NDF : 3767.9/15

Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1001.6/17

Left In: 0.071 $\pm$ 0.002 χ^2/NDF : 2376.3/13

Left: 0.093 $\pm$ 0.002 χ^2/NDF : 6440.3/29

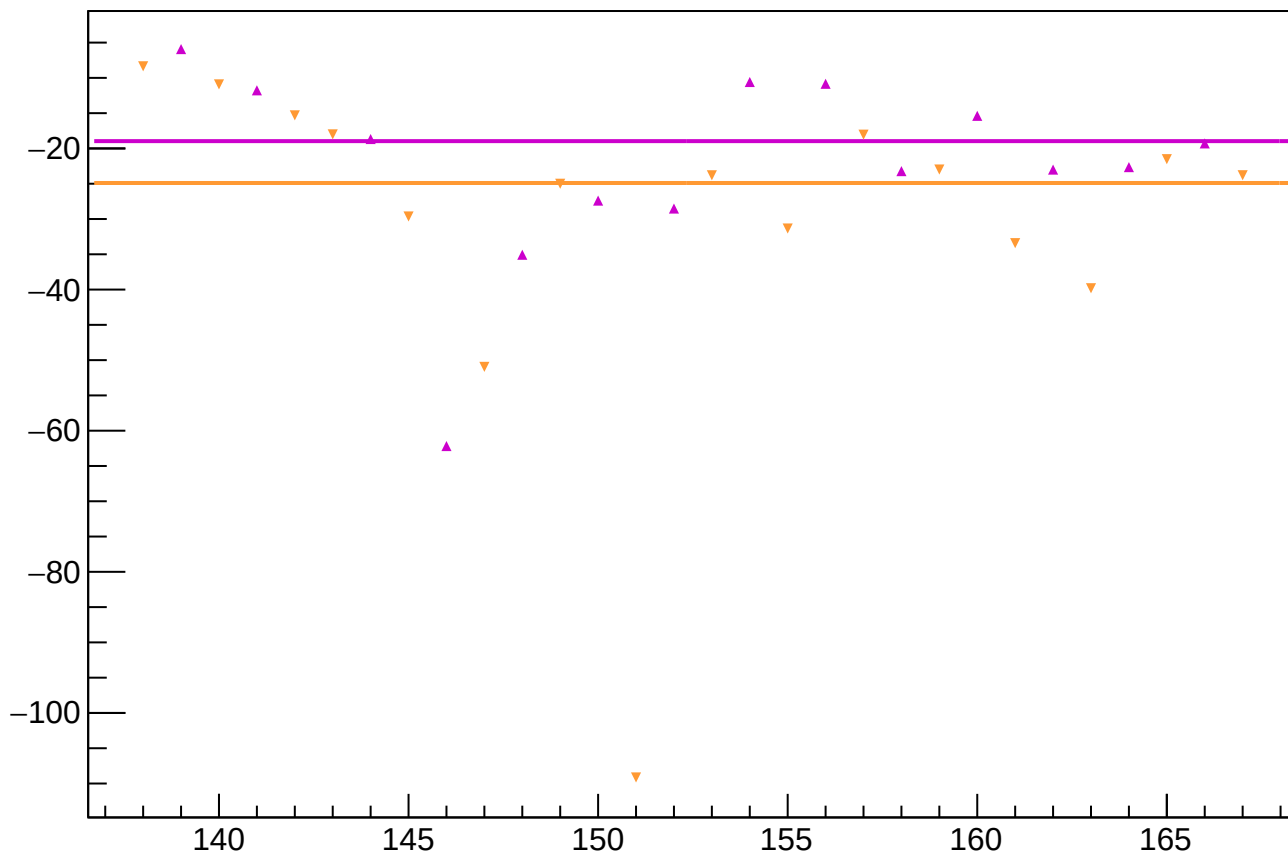
Right: 0.209 $\pm$ 0.003 χ^2/NDF : 1611.2/34

In: 0.095 $\pm$ 0.002 χ^2/NDF : 3805.7/30

Out: 0.149 $\pm$ 0.002 χ^2/NDF : 5207.4/33

All: 0.120 $\pm$ 0.001 χ^2/NDF : 9419.1/64

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: -18.964+/-0.055 χ^2/NDF :37824.6/13

Left: -21.617+/-0.041 χ^2/NDF : 99699.5/29

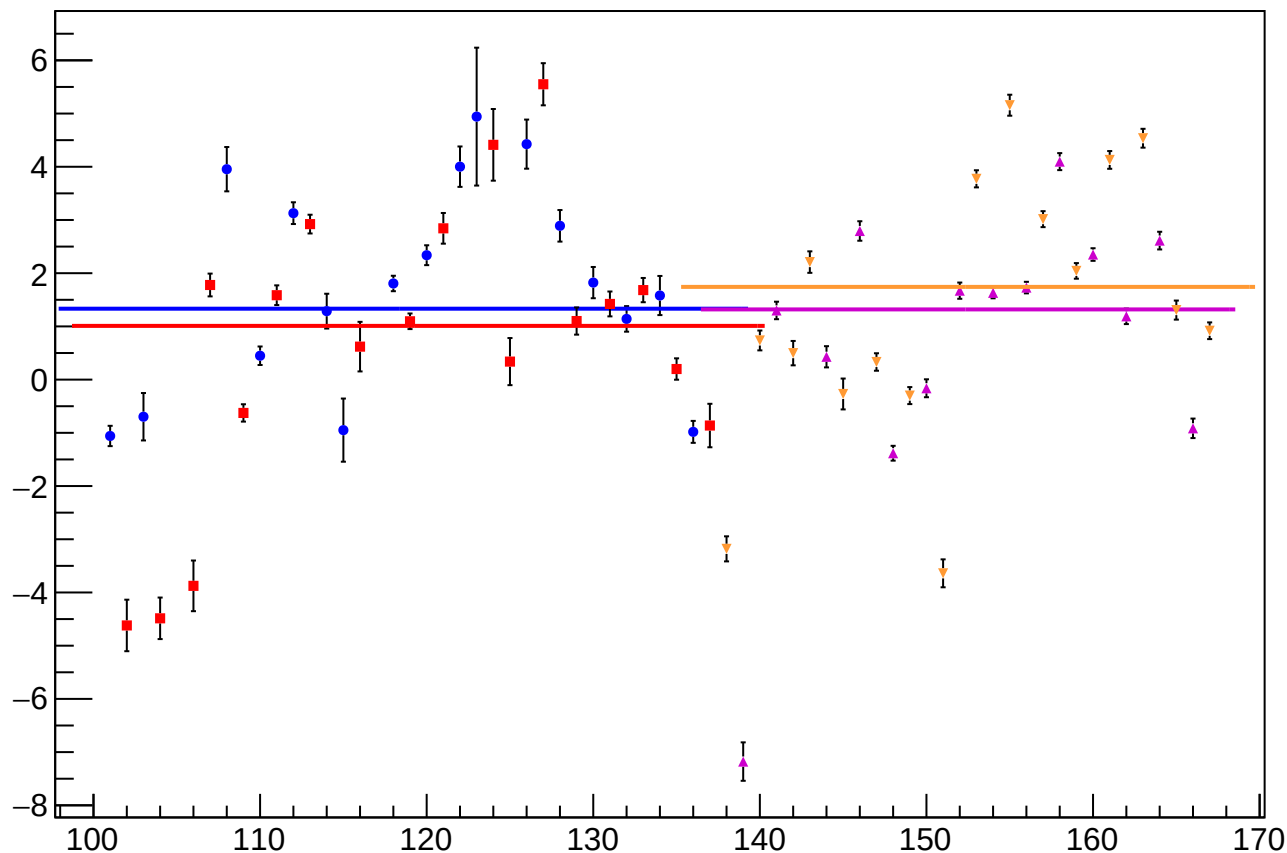
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.964+/-0.055 χ^2/NDF :37824.6/13

Out: -24.896+/-0.061 χ^2/NDF :56692.1/15

All: -21.617+/-0.041 χ^2/NDF : 99699.5/29

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.743 $\pm$ 0.045 χ^2 /NDF:2229.2/15

Right Out: 1.010 $\pm$ 0.058 χ^2 /NDF: 930.3/17

Left In: 1.319 $\pm$ 0.040 χ^2 /NDF:1709.2/13

Left: 1.504 $\pm$ 0.030 χ^2 /NDF: 3987.8/29

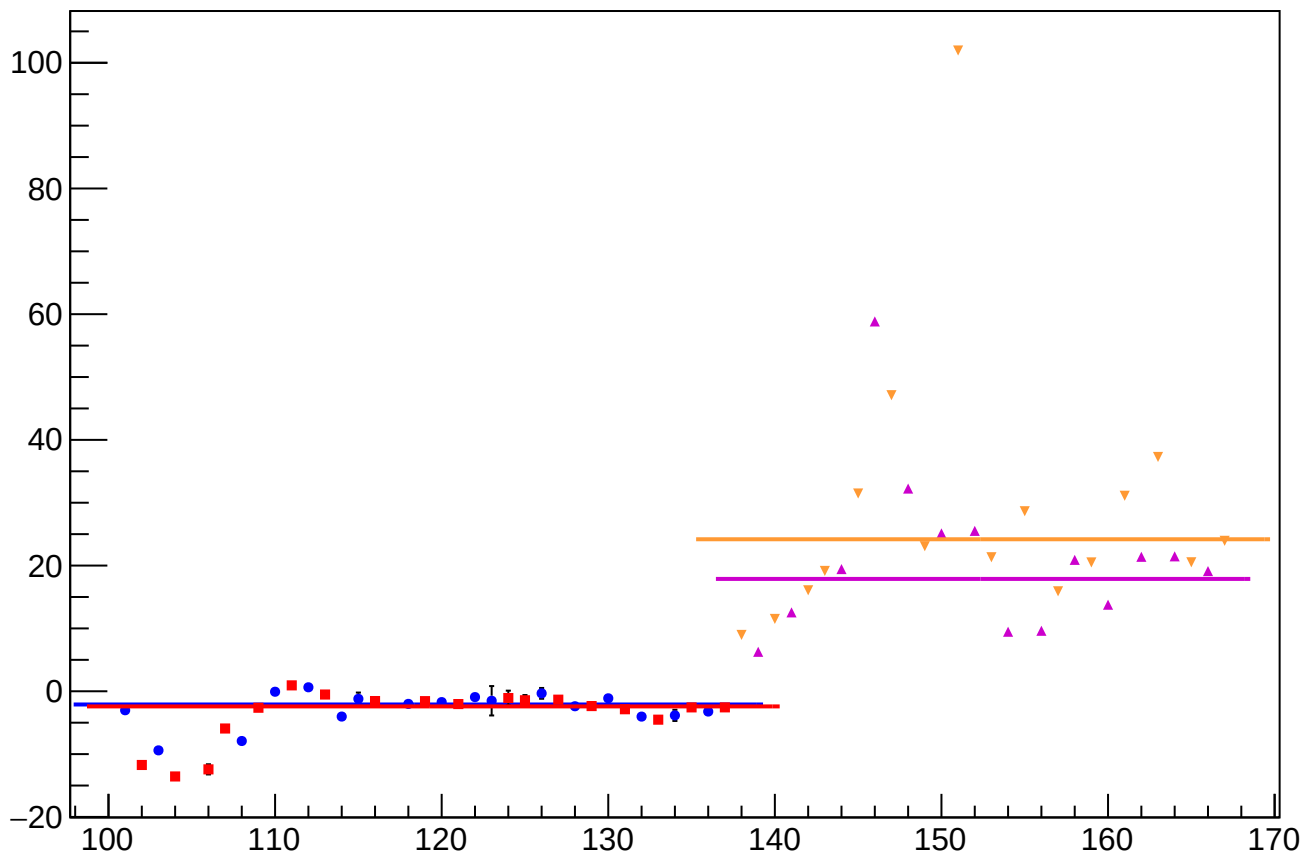
Right: 1.163 $\pm$ 0.042 χ^2 /NDF: 1579.5/34

In: 1.323 $\pm$ 0.033 χ^2 /NDF:2343.8/30

Out: 1.465 $\pm$ 0.036 χ^2 /NDF:3258.6/33

All: 1.390 $\pm$ 0.024 χ^2 /NDF: 5610.8/64

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.186 ± 0.060 χ^2/NDF : 50783.7/15

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.876 ± 0.053 χ^2/NDF : 35747.0/13

Left: 20.638 ± 0.040 χ^2/NDF : 92703.2/29

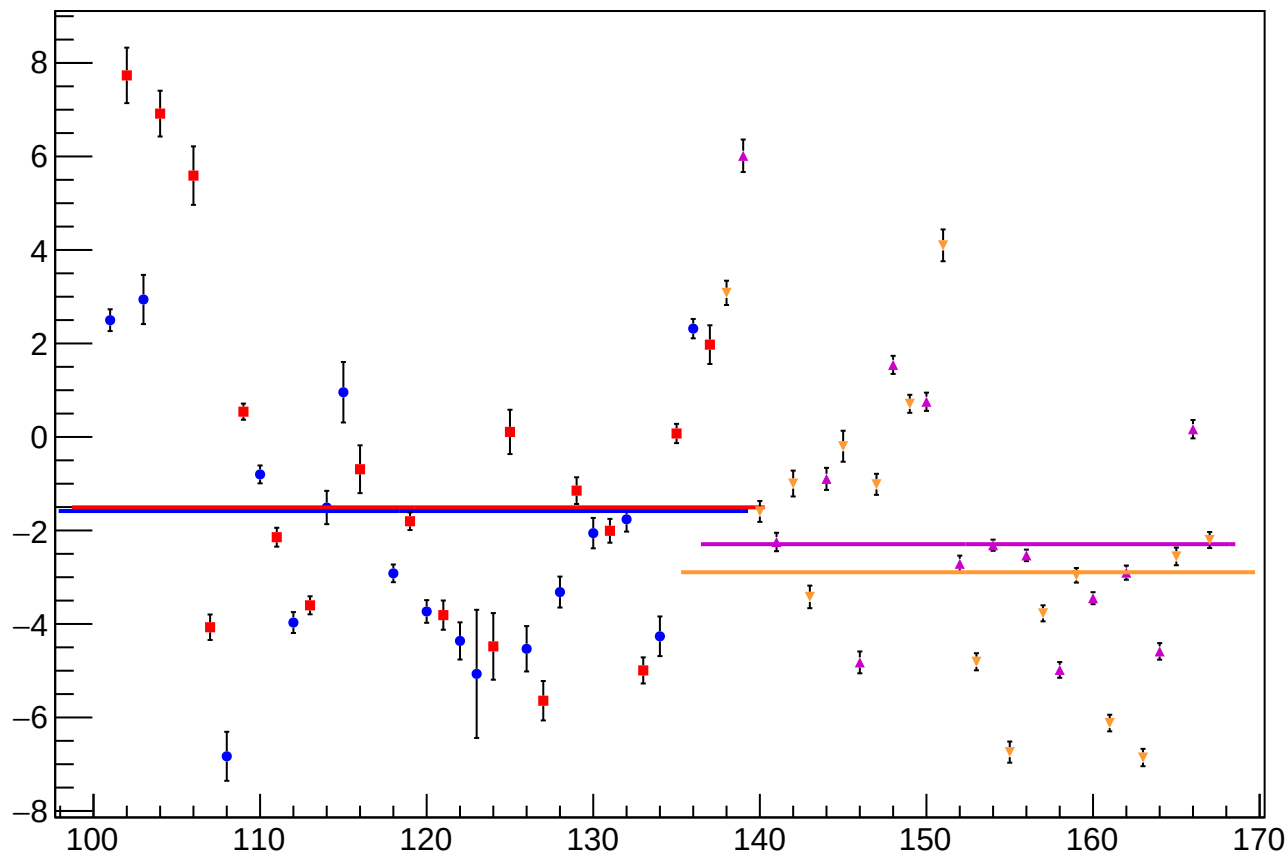
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 14.145 ± 0.048 χ^2/NDF : 62595.3/30

Out: 17.026 ± 0.051 χ^2/NDF : 104166.9/33

All: 15.482 ± 0.035 χ^2/NDF : 168440.7/64

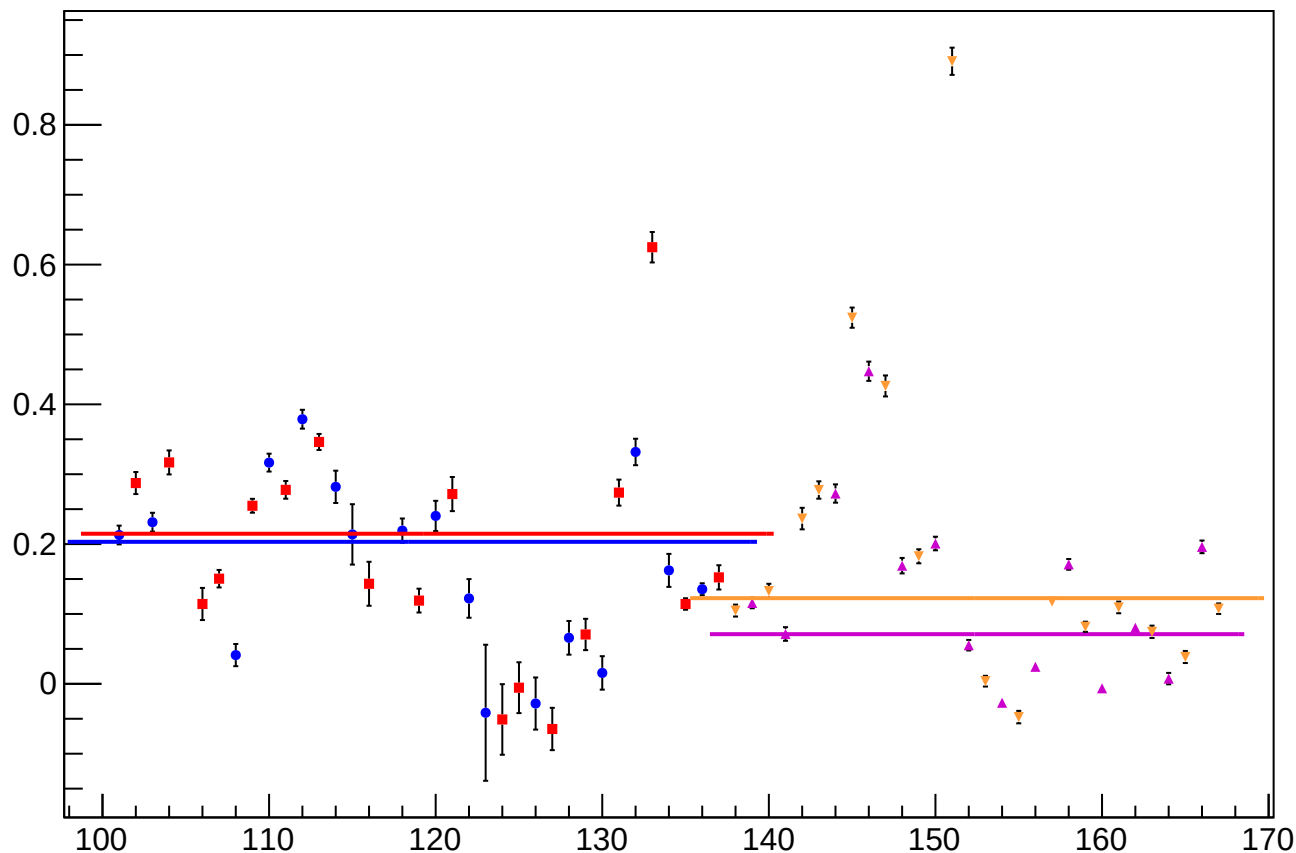
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$
 Left Out: -2.893 ± 0.052 $\chi^2/\text{NDF}: 2751.4/15$
 Right Out: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$
 Left In: -2.293 ± 0.045 $\chi^2/\text{NDF}: 2046.1/13$

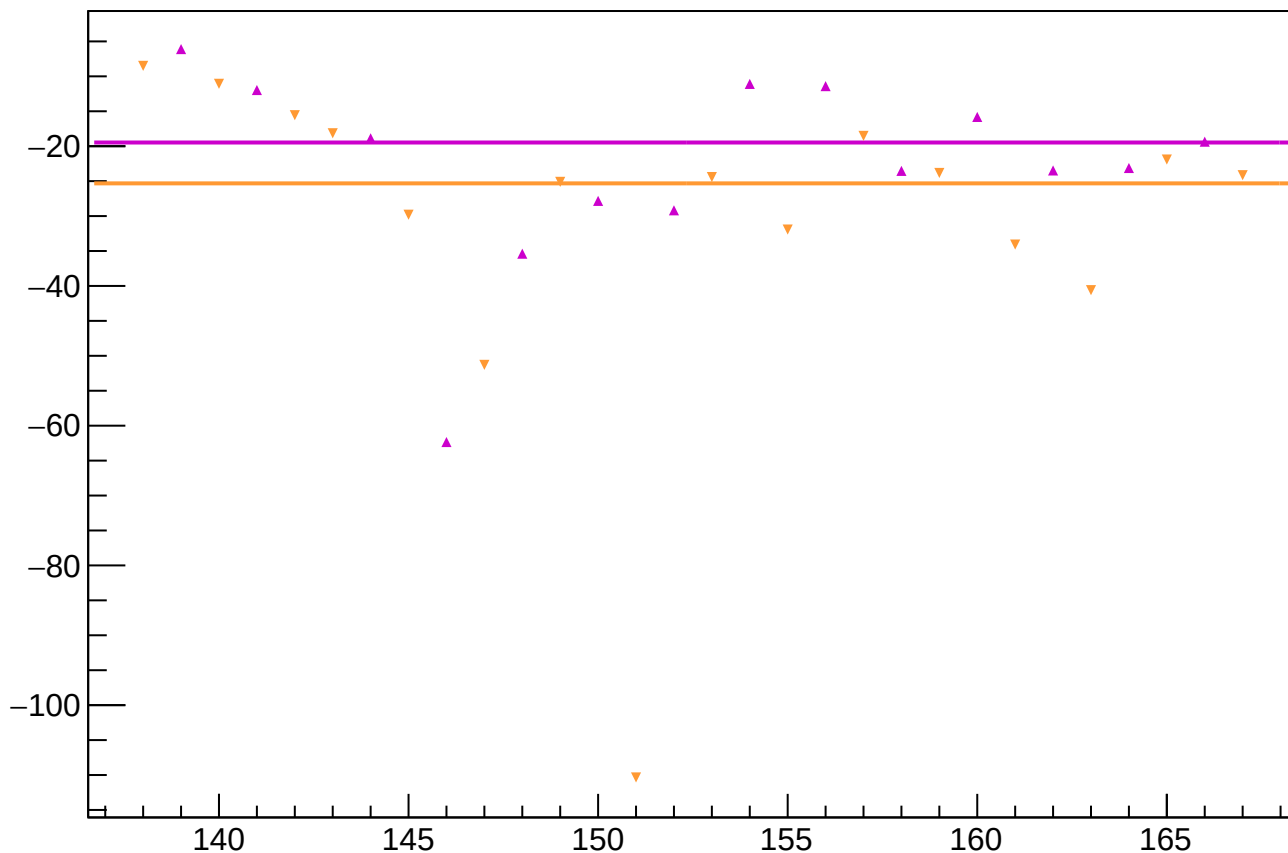
Left: -2.554 ± 0.034 $\chi^2/\text{NDF}: 4874.1/29$
 Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$
 In: -2.087 ± 0.038 $\chi^2/\text{NDF}: 3390.0/30$
 Out: -2.364 ± 0.041 $\chi^2/\text{NDF}: 4527.9/33$
 All: -2.217 ± 0.028 $\chi^2/\text{NDF}: 7942.8/64$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.093 $\pm$ 0.002 χ^2/NDF : 6399.6/29
 Right: 0.210 $\pm$ 0.003 χ^2/NDF : 1670.1/34
 In: 0.096 $\pm$ 0.002 χ^2/NDF : 3821.9/30
 Out: 0.149 $\pm$ 0.002 χ^2/NDF : 5235.5/33
 All: 0.120 $\pm$ 0.001 χ^2/NDF : 9451.2/64

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: -19.471+/-0.056 χ^2/NDF :36703.5/13

Left: -22.103+/-0.042 χ^2/NDF : 98160.0/29

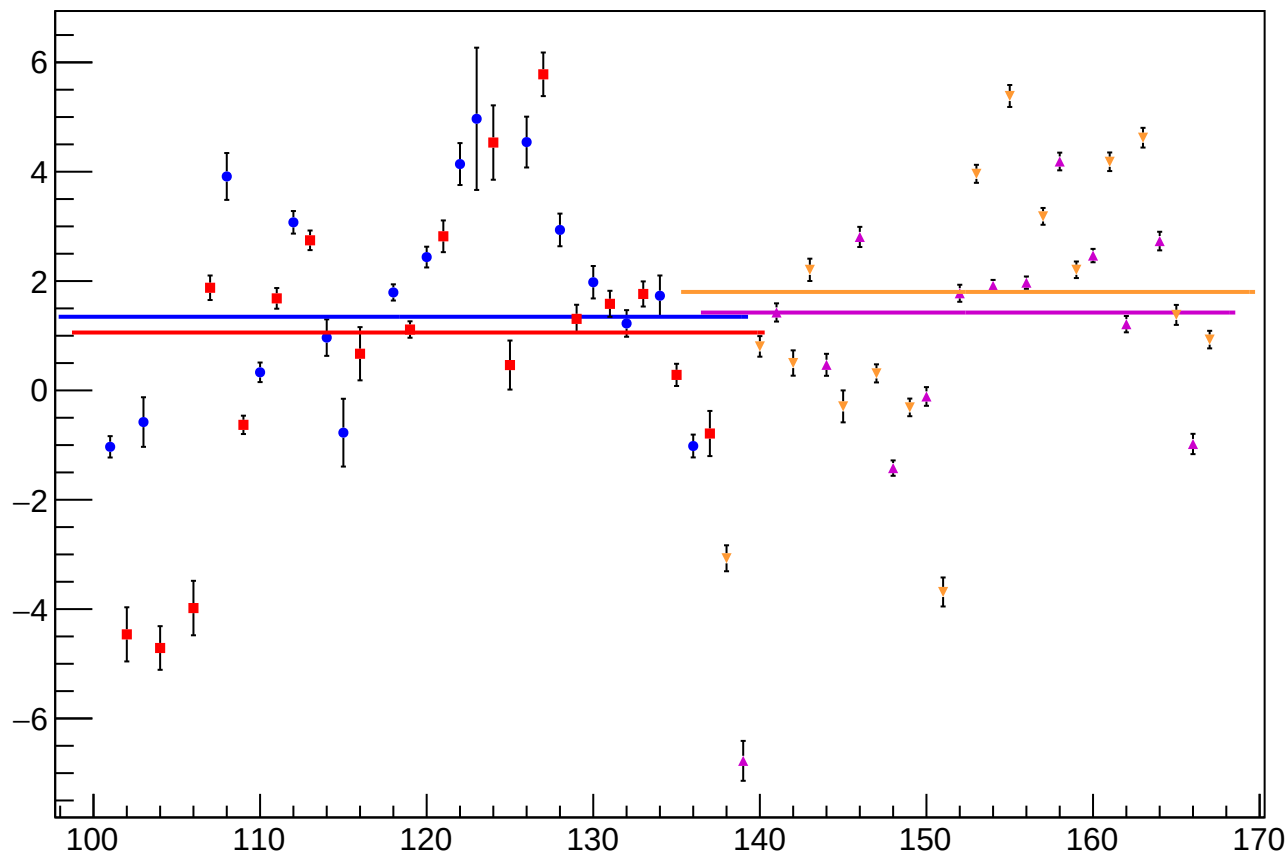
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.471+/-0.056 χ^2/NDF :36703.5/13

Out: -25.319+/-0.062 χ^2/NDF :56617.4/15

All: -22.103+/-0.042 χ^2/NDF : 98160.0/29

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.801 $\pm$ 0.046 χ^2 /NDF:2269.6/15

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.424 $\pm$ 0.041 χ^2 /NDF:1715.5/13

Left: 1.590 $\pm$ 0.031 χ^2 /NDF: 4022.8/29

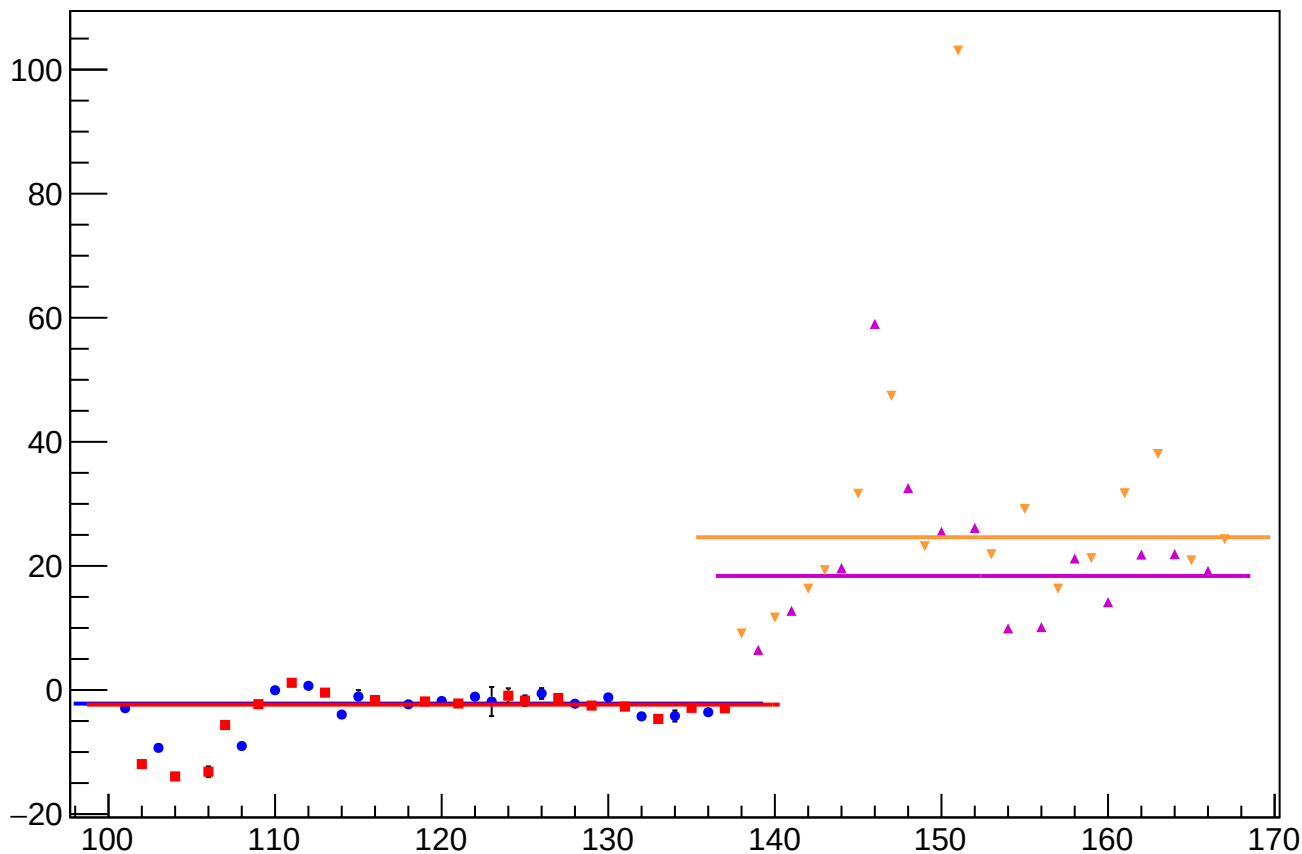
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.401 $\pm$ 0.034 χ^2 /NDF:2346.7/30

Out: 1.522 $\pm$ 0.036 χ^2 /NDF:3272.7/33

All: 1.457 $\pm$ 0.025 χ^2 /NDF: 5625.3/64

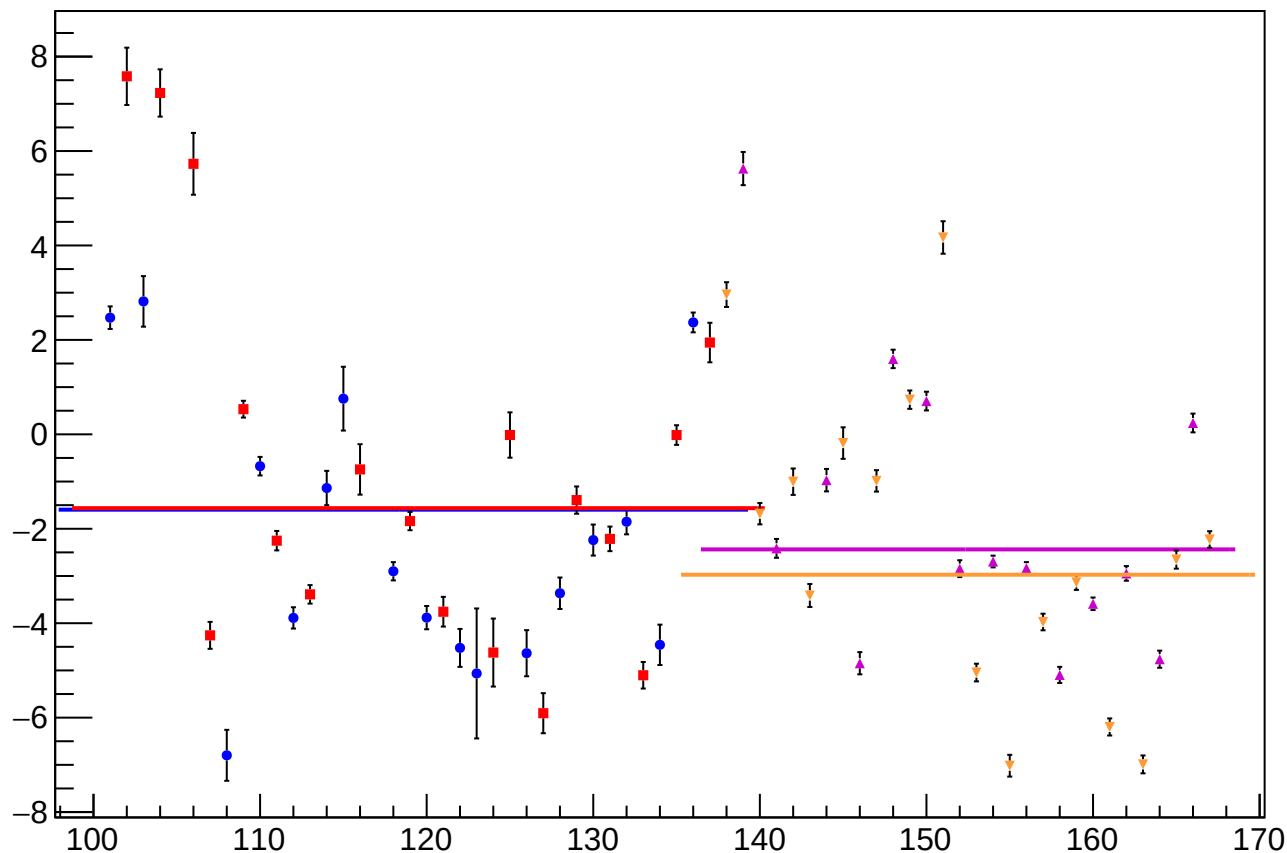
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 24.621 ± 0.061 $\chi^2/\text{NDF}: 50562.1/15$
 Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$
 Left In: 18.384 ± 0.054 $\chi^2/\text{NDF}: 34509.4/13$

Left: 21.132 ± 0.041 $\chi^2/\text{NDF}: 90857.7/29$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$
 In: 14.501 ± 0.049 $\chi^2/\text{NDF}: 61949.9/30$
 Out: 17.392 ± 0.052 $\chi^2/\text{NDF}: 103319.5/33$
 All: 15.849 ± 0.036 $\chi^2/\text{NDF}: 166890.7/64$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.973 ± 0.052 χ^2/NDF : 2791.1/15

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.437 ± 0.046 χ^2/NDF : 2041.8/13

Left: -2.672 ± 0.035 χ^2/NDF : 4891.6/29

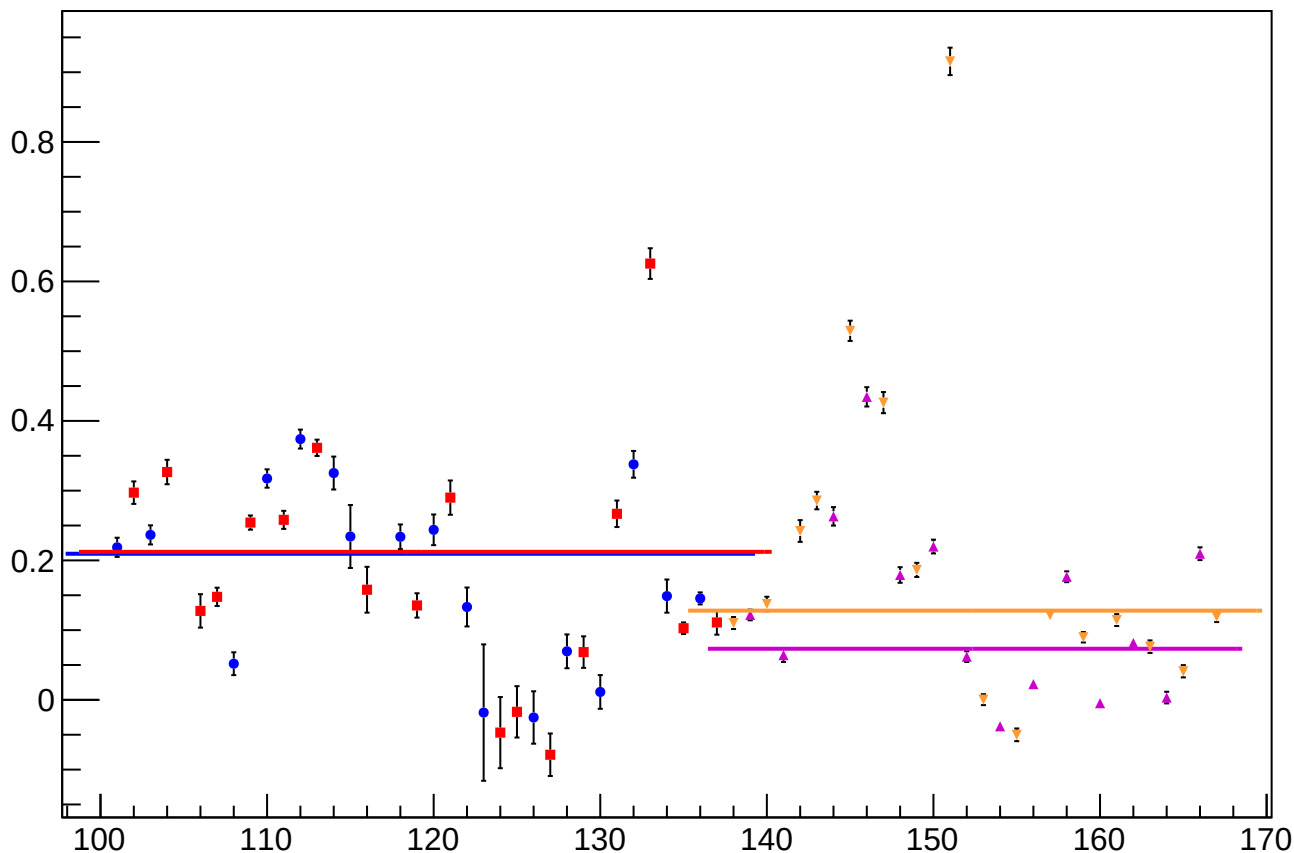
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.189 ± 0.039 χ^2/NDF : 3394.4/30

Out: -2.437 ± 0.041 χ^2/NDF : 4527.5/33

All: -2.306 ± 0.028 χ^2/NDF : 7941.0/64

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 χ^2/NDF : 597.7/16

Left Out: 0.128 ± 0.002 χ^2/NDF : 3807.6/15

Right Out: 0.212 ± 0.004 χ^2/NDF : 1096.9/17

Left In: 0.073 ± 0.002 χ^2/NDF : 2437.7/13

Left: 0.097 ± 0.002 χ^2/NDF : 6551.8/29

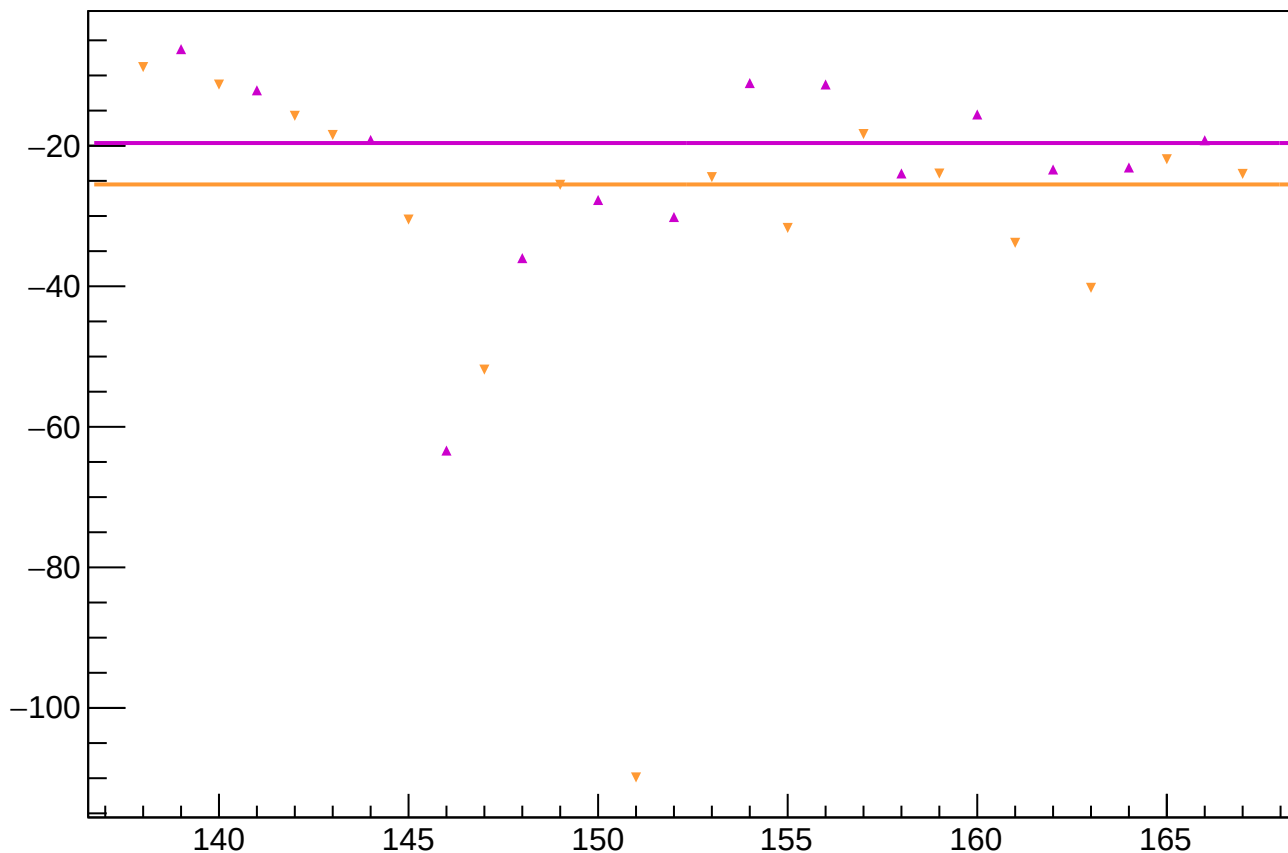
Right: 0.211 ± 0.003 χ^2/NDF : 1694.9/34

In: 0.099 ± 0.002 χ^2/NDF : 3884.9/30

Out: 0.152 ± 0.002 χ^2/NDF : 5262.7/33

All: 0.123 ± 0.001 χ^2/NDF : 9521.1/64

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: -19.616 ± 0.057 χ^2/NDF : 36961.2/13

Left: -22.281 ± 0.042 χ^2/NDF : 97169.0/29

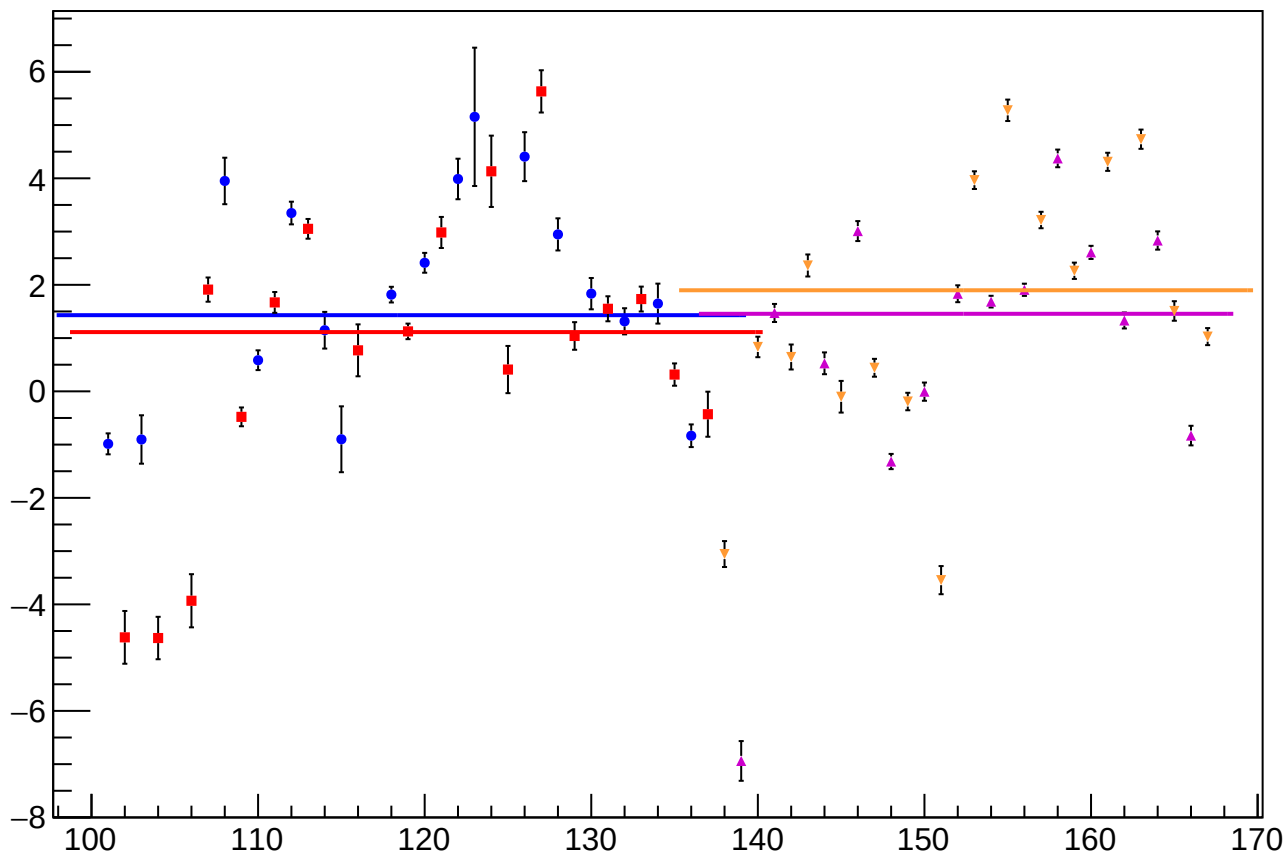
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -19.616 ± 0.057 χ^2/NDF : 36961.2/13

Out: -25.509 ± 0.063 χ^2/NDF : 55400.6/15

All: -22.281 ± 0.042 χ^2/NDF : 97169.0/29

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430+/-0.063 χ^2/NDF : 598.0/16

Left Out: 1.898+/-0.046 χ^2/NDF :2181.7/15

Right Out: 1.113+/-0.060 χ^2/NDF : 887.6/17

Left In: 1.456+/-0.041 χ^2/NDF :1686.5/13

Left: 1.651+/-0.031 χ^2/NDF : 3918.7/29

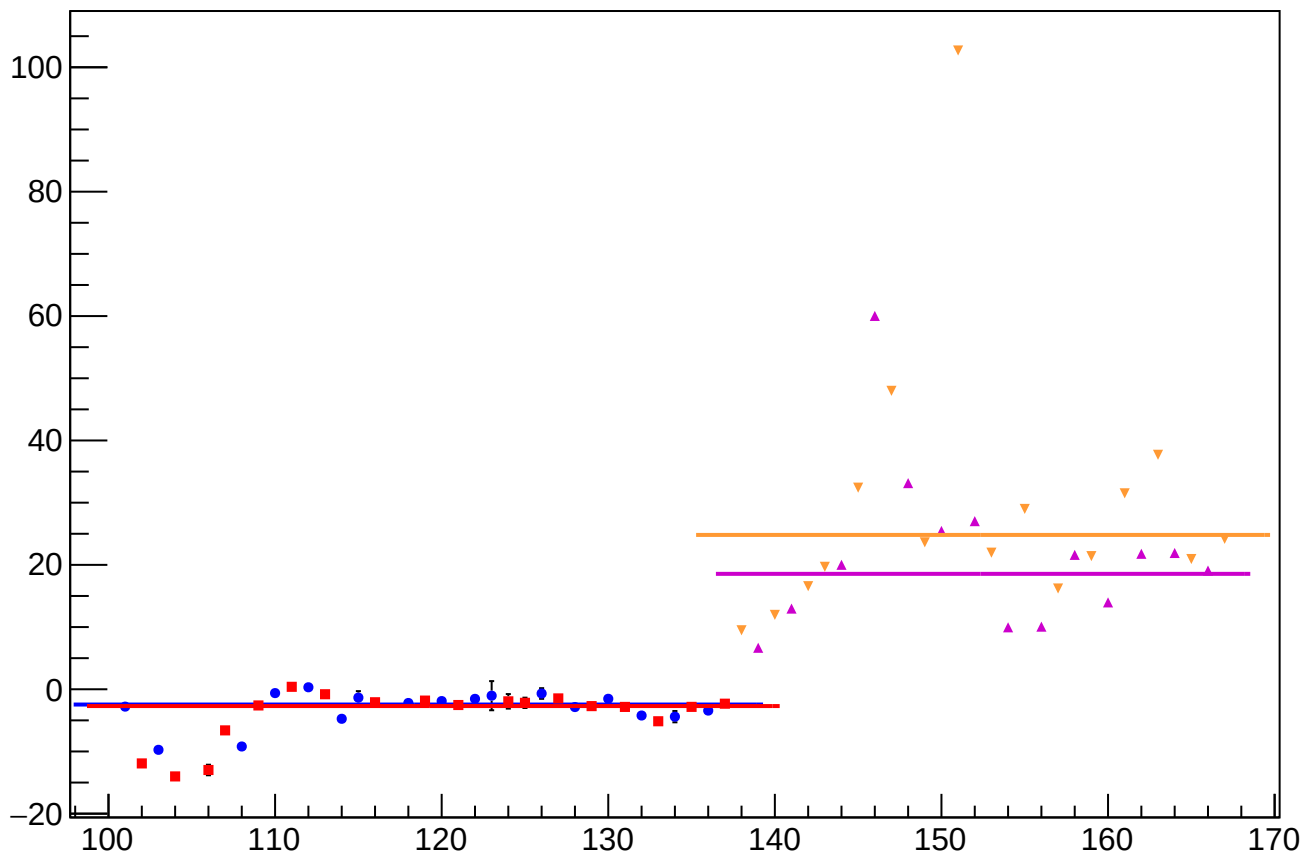
Right: 1.264+/-0.043 χ^2/NDF : 1499.0/34

In: 1.448+/-0.035 χ^2/NDF :2284.7/30

Out: 1.604+/-0.037 χ^2/NDF :3176.3/33

All: 1.521+/-0.025 χ^2/NDF : 5470.5/64

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 24.815 ± 0.062 χ^2/NDF : 49606.0/15

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.556 ± 0.055 χ^2/NDF : 34794.5/13

Left: 21.329 ± 0.041 χ^2/NDF : 90105.4/29

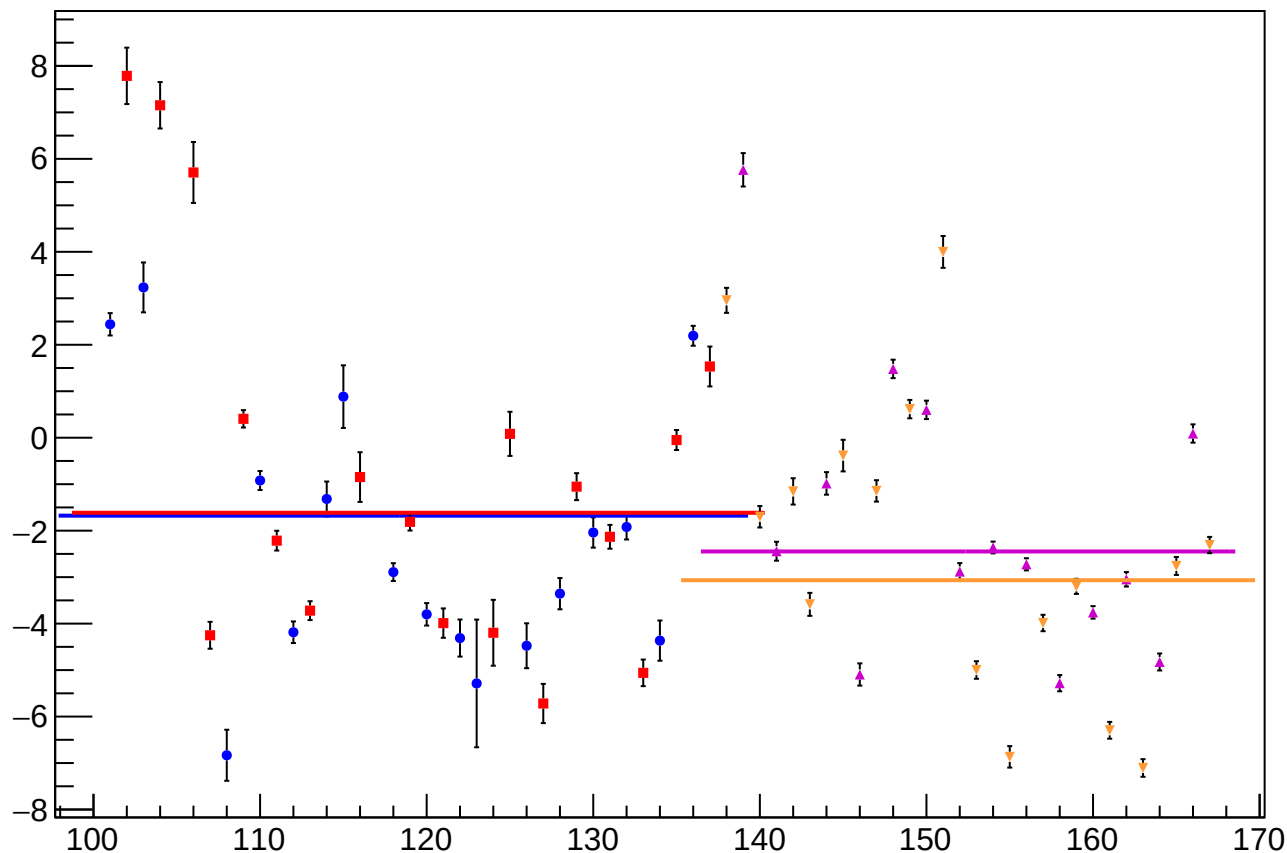
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 14.602 ± 0.050 χ^2/NDF : 62524.2/30

Out: 17.582 ± 0.053 χ^2/NDF : 102468.1/33

All: 15.994 ± 0.036 χ^2/NDF : 166671.9/64

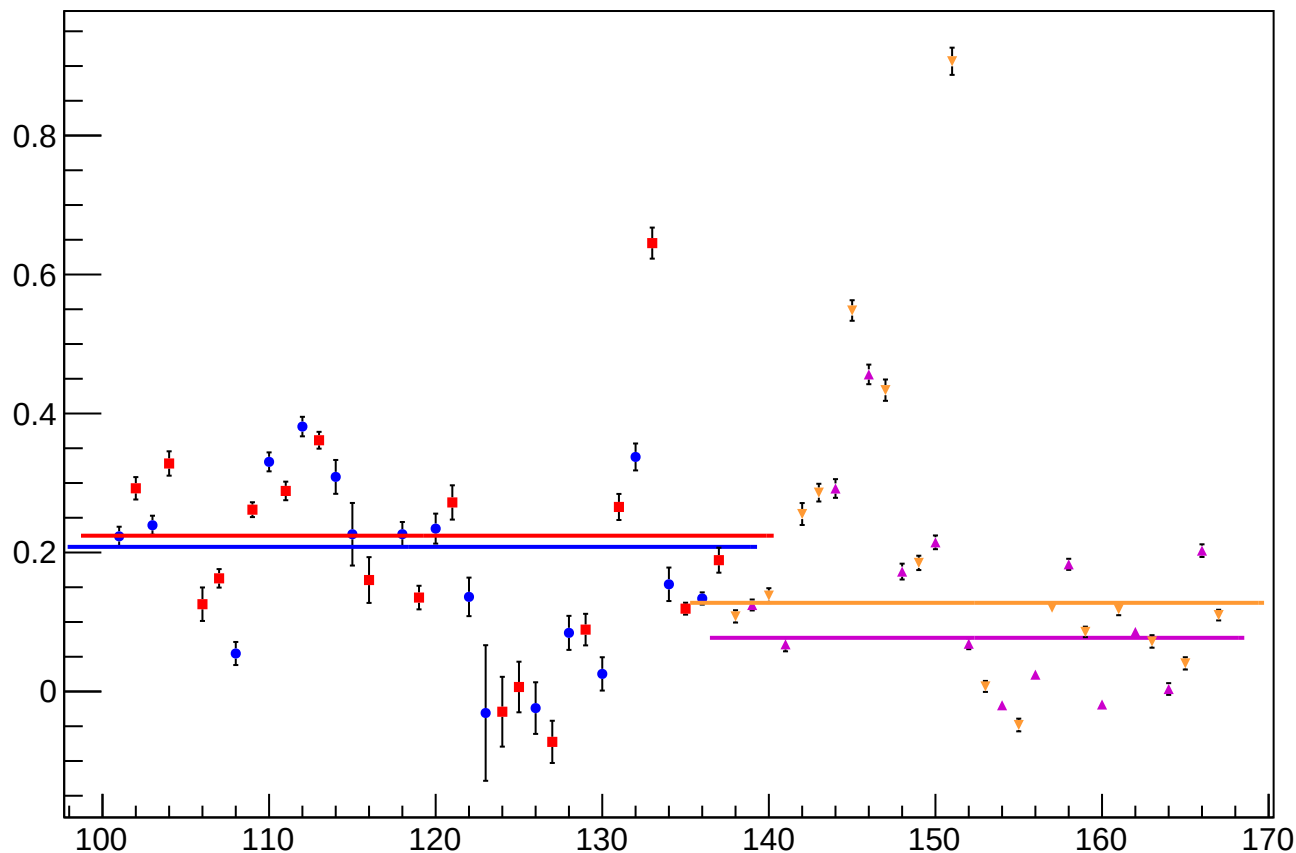
reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16
 Left Out: -3.066 ± 0.053 χ^2/NDF : 2685.7/15
 Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17
 Left In: -2.448 ± 0.047 χ^2/NDF : 2027.7/13

Left: -2.720 ± 0.035 χ^2/NDF : 4789.8/29
 Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34
 In: -2.219 ± 0.039 χ^2/NDF : 3312.2/30
 Out: -2.519 ± 0.042 χ^2/NDF : 4396.8/33
 All: -2.360 ± 0.029 χ^2/NDF : 7736.2/64

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2/NDF : 600.2/16

Left Out: 0.128 $\pm$ 0.002 χ^2/NDF :3820.8/15

Right Out: 0.224 $\pm$ 0.004 χ^2/NDF : 995.8/17

Left In: 0.077 $\pm$ 0.002 χ^2/NDF :2410.6/13

Left: 0.099 $\pm$ 0.002 χ^2/NDF : 6485.6/29

Right: 0.217 $\pm$ 0.003 χ^2/NDF : 1603.8/34

In: 0.102 $\pm$ 0.002 χ^2/NDF :3773.7/30

Out: 0.154 $\pm$ 0.002 χ^2/NDF :5271.1/33

All: 0.126 $\pm$ 0.001 χ^2/NDF : 9403.8/64